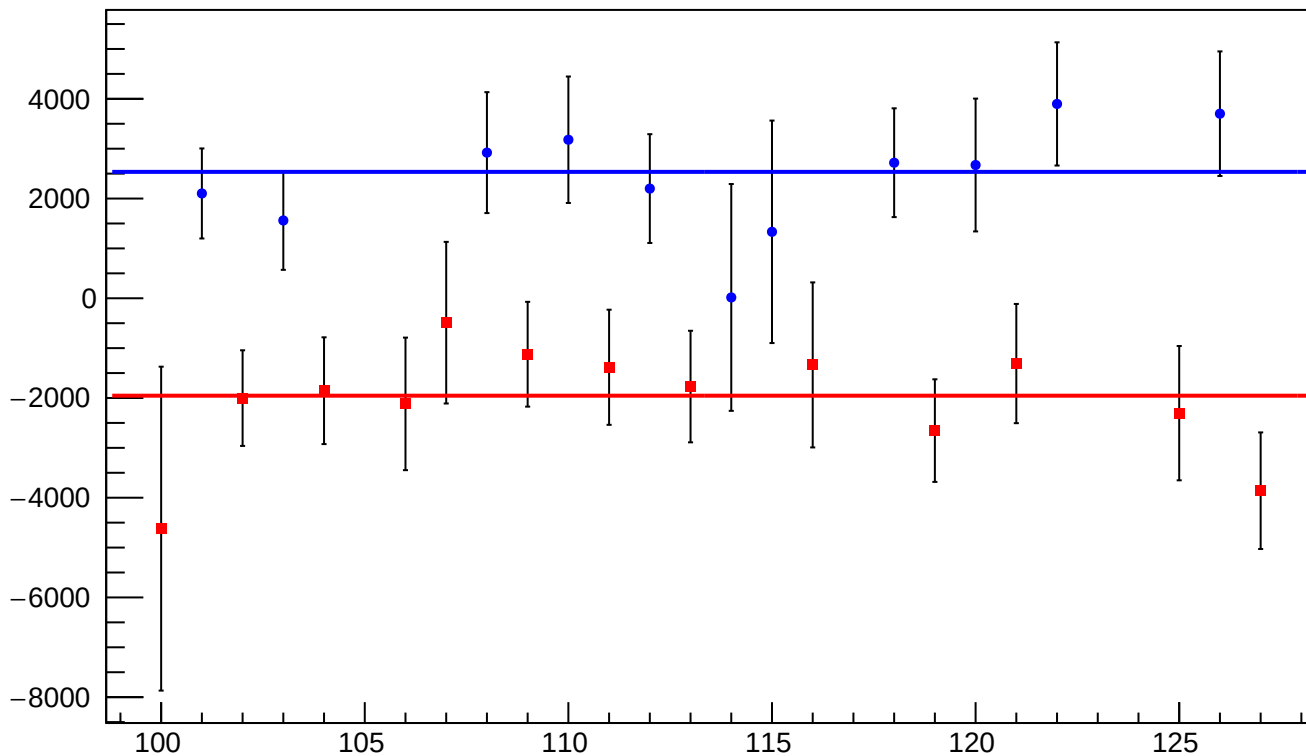


reg_asym_us_avg_mean vs Slug



Right In: 2535.153+/-365.596

χ^2/NDF : 5.3/10

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: -1953.777+/-338.107

χ^2/NDF : 6.0/12

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000

χ^2/NDF : 0.0/0

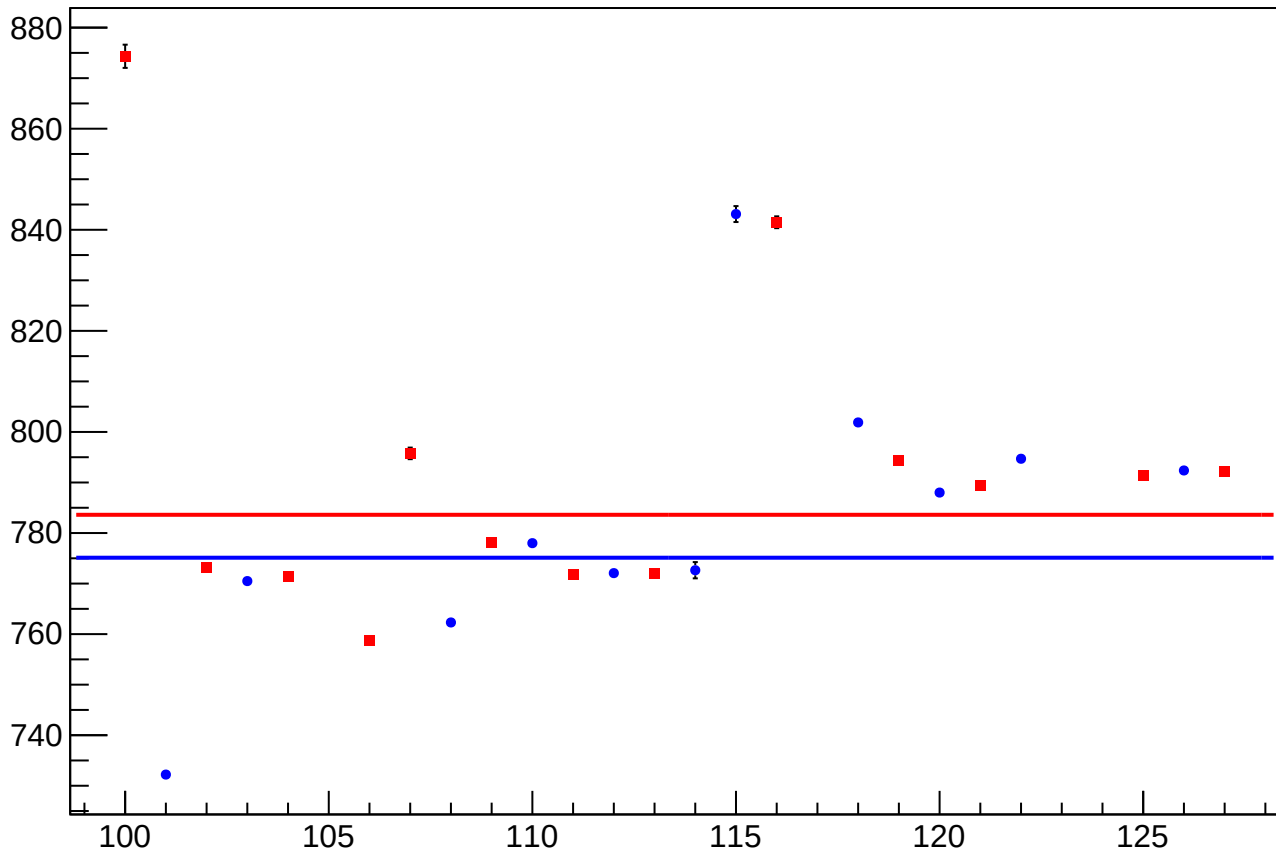
All: 115.597+/-248.228

χ^2/NDF : 92.6/23

- sign 0.000+/-0.000

χ^2/NDF : 0.0/0

reg_asym_us_avg_rms vs Slug



Right In: 775.117 $\pm$ 0.259 χ^2 /NDF: 8943.5/10

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

Right Out: 783.609 $\pm$ 0.239 χ^2 /NDF: 6226.1/12

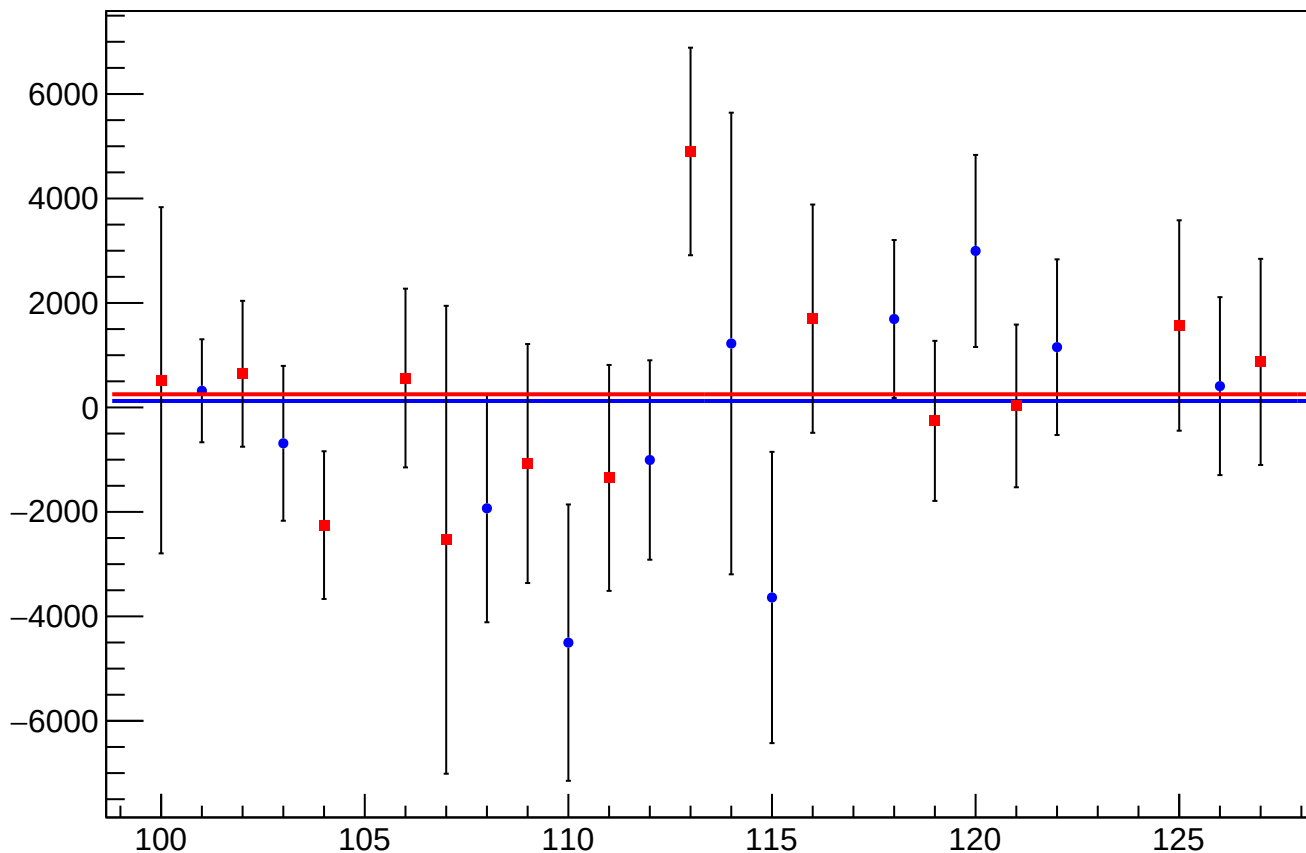
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 779.694 $\pm$ 0.176 χ^2 /NDF: 15751.2/23

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

asym_us_avg_reg_correction_mean vs Slug



Right In: 123.481+/-518.270 χ^2/NDF : 10.4/10

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

Right Out: 251.945+/-519.514 χ^2/NDF : 11.1/12

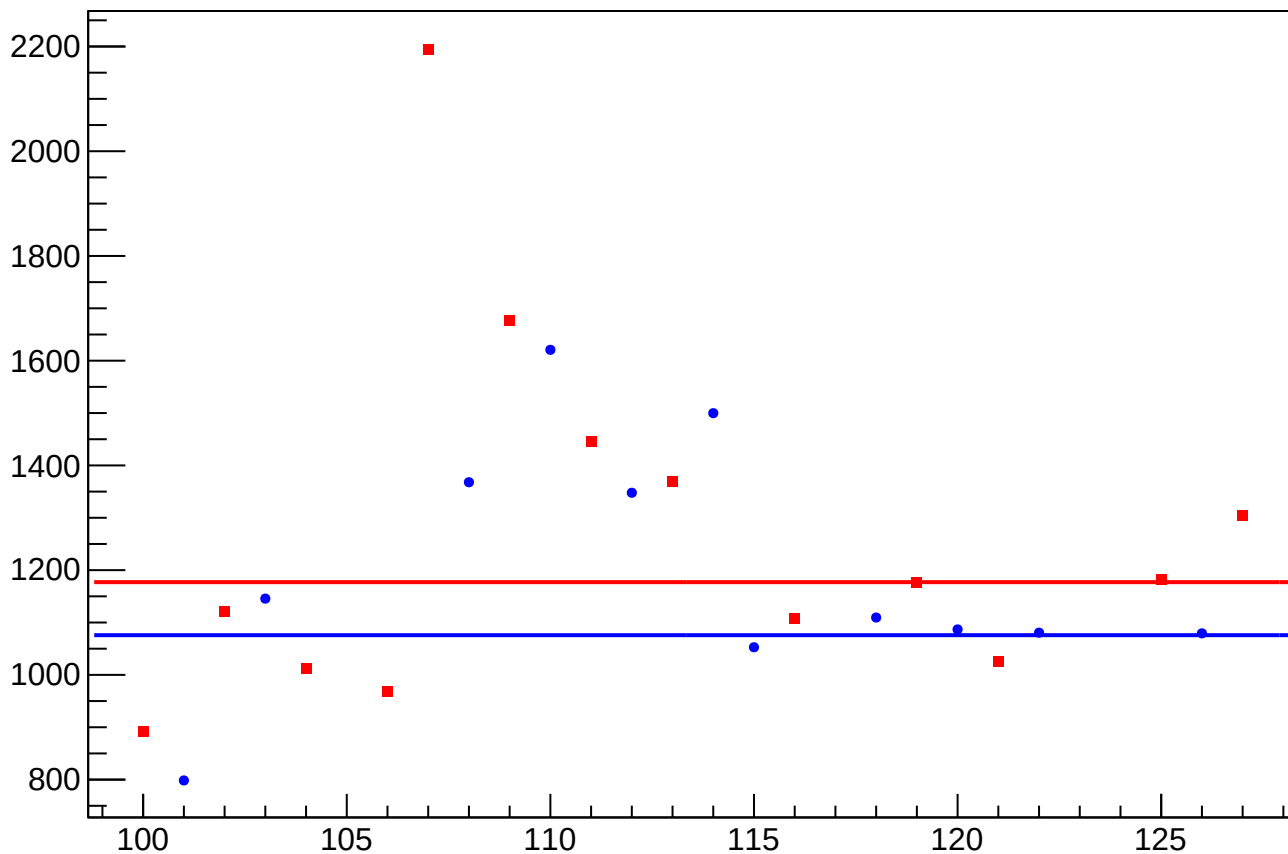
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 187.559+/-366.911 χ^2/NDF : 21.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_reg_correction_rms vs Slug



Right In: 1075.814+/-0.366 χ^2/NDF : 343726.2/10

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

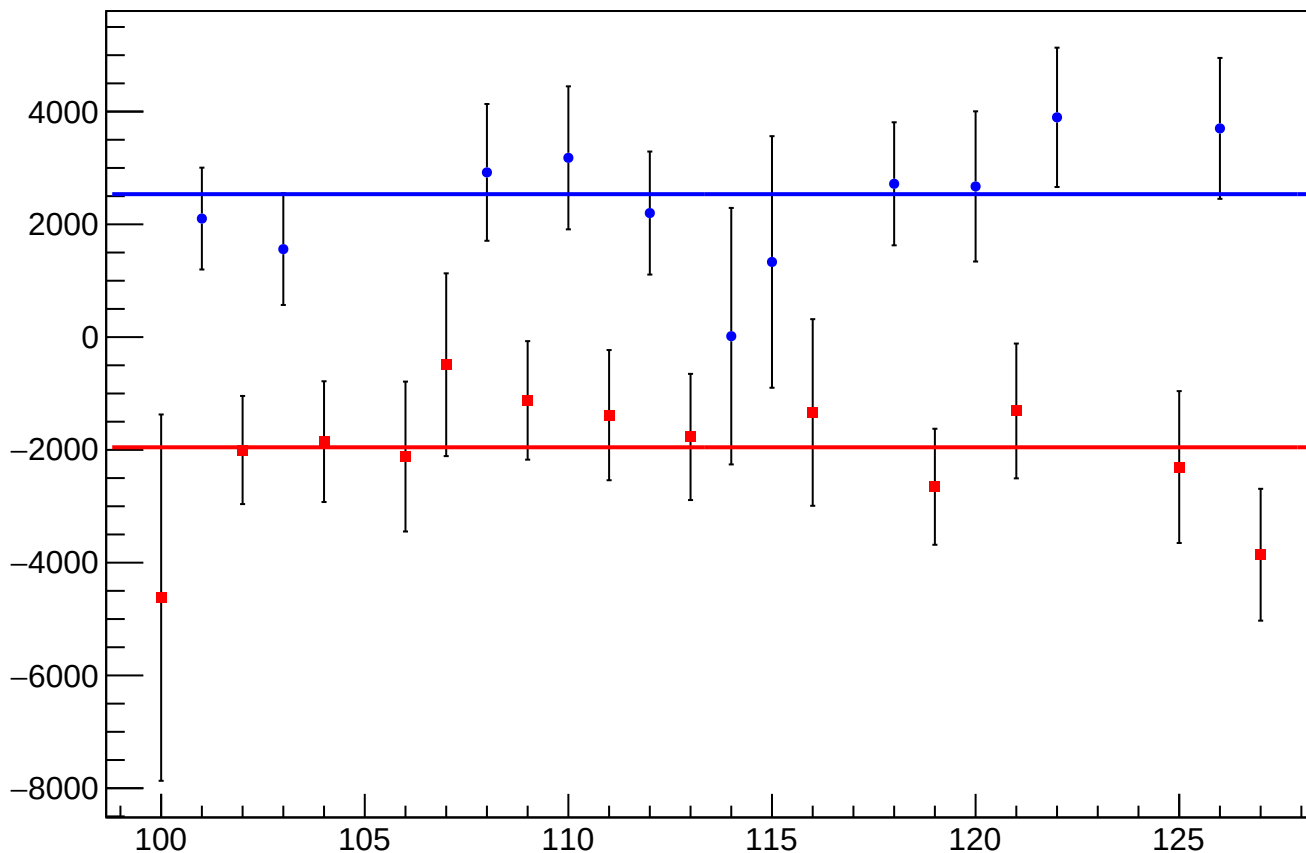
Right Out: 1177.098+/-0.367 χ^2/NDF : 352552.9/12

All: 1126.335+/-0.259 χ^2/NDF : 734379.2/23

- 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_mean vs Slug



Right In: 2535.153+/-365.596 χ^2/NDF : 5.3/10

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

Right Out: -1953.777+/-338.107 χ^2/NDF : 6.0/12

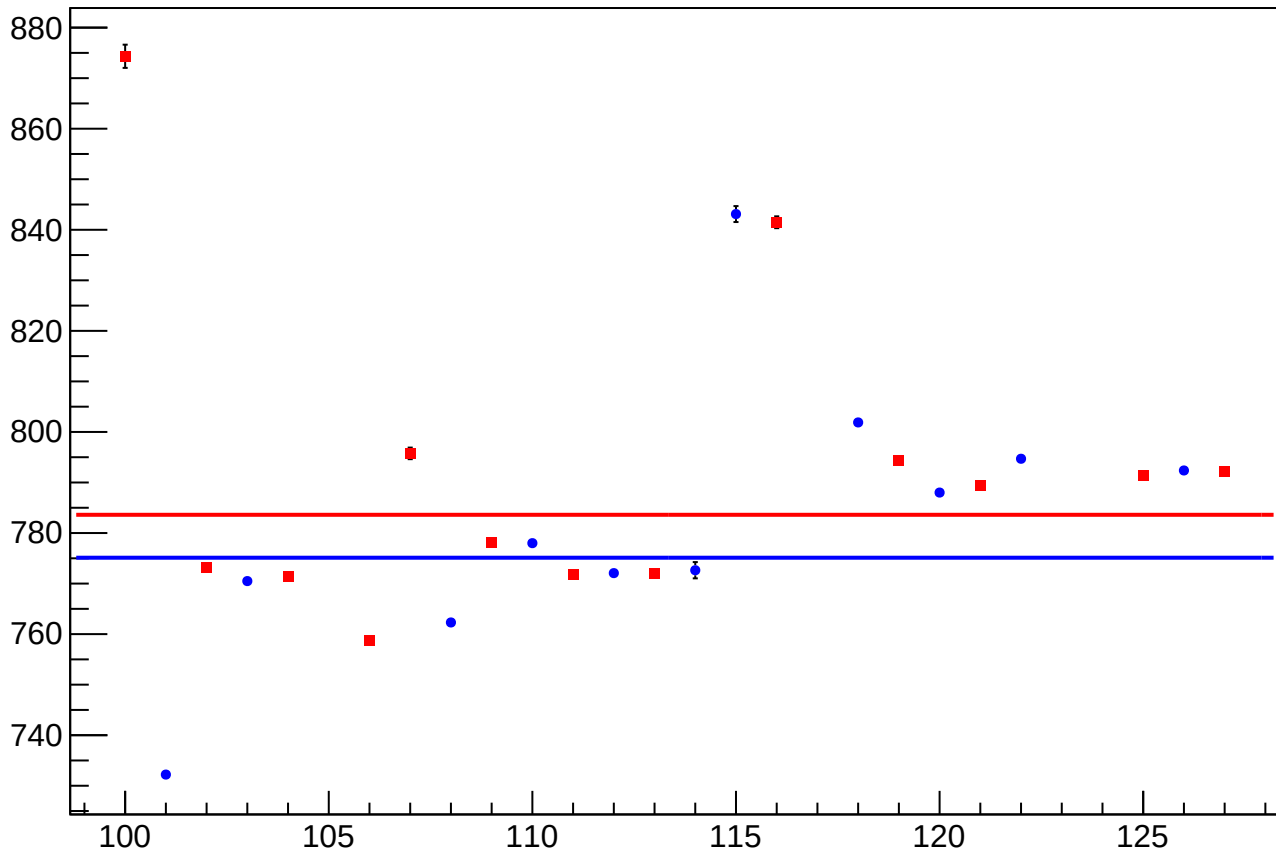
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.597+/-248.228 χ^2/NDF : 92.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_rms vs Slug



Right In: 775.117 $\pm$ 0.259 χ^2 /NDF: 8943.5/10

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

Right Out: 783.609 $\pm$ 0.239 χ^2 /NDF: 6226.1/12

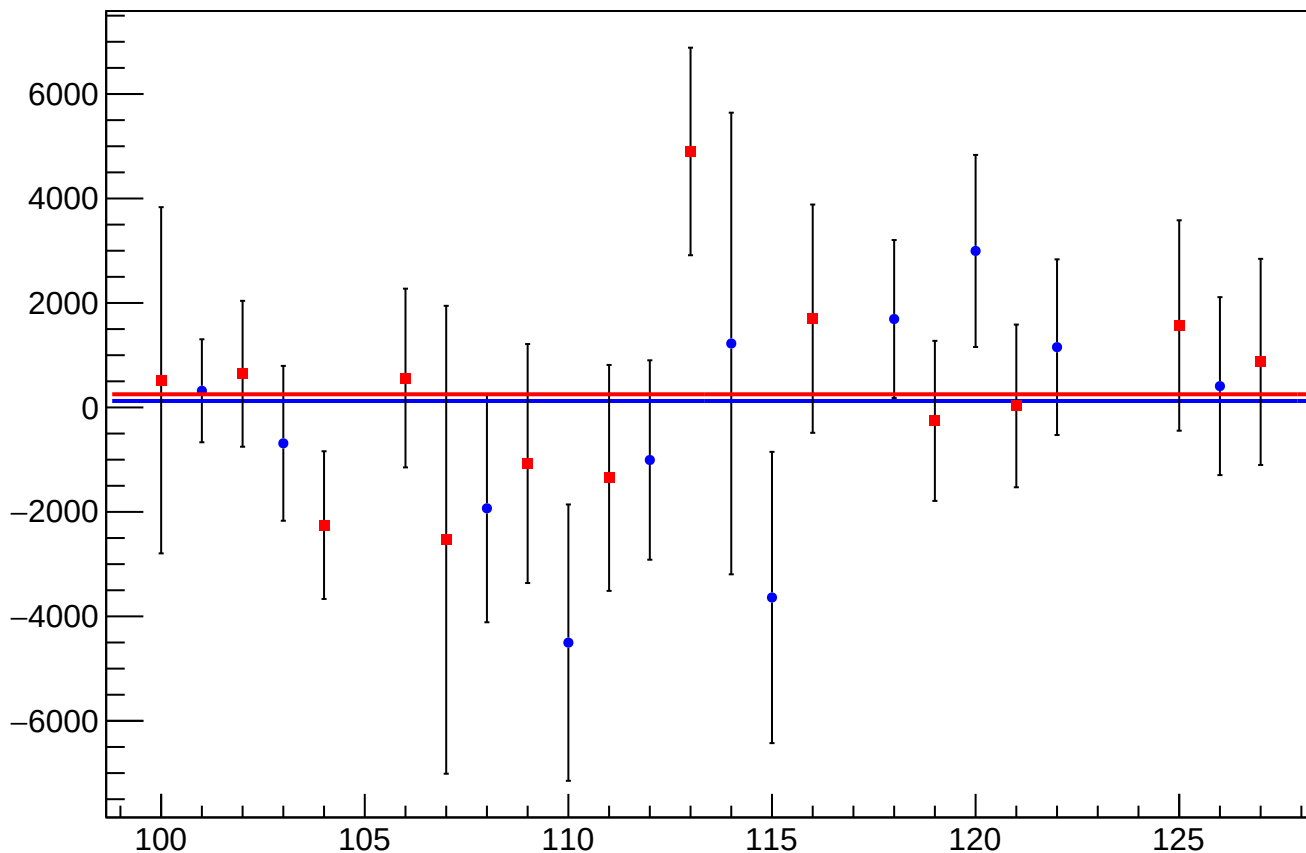
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 779.694 $\pm$ 0.176 χ^2 /NDF: 15751.2/23

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

asym_us_avg_cor_correction_mean vs Slug



Right In: 123.481+/-518.270 χ^2/NDF : 10.4/10

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

Right Out: 251.945+/-519.514 χ^2/NDF : 11.1/12

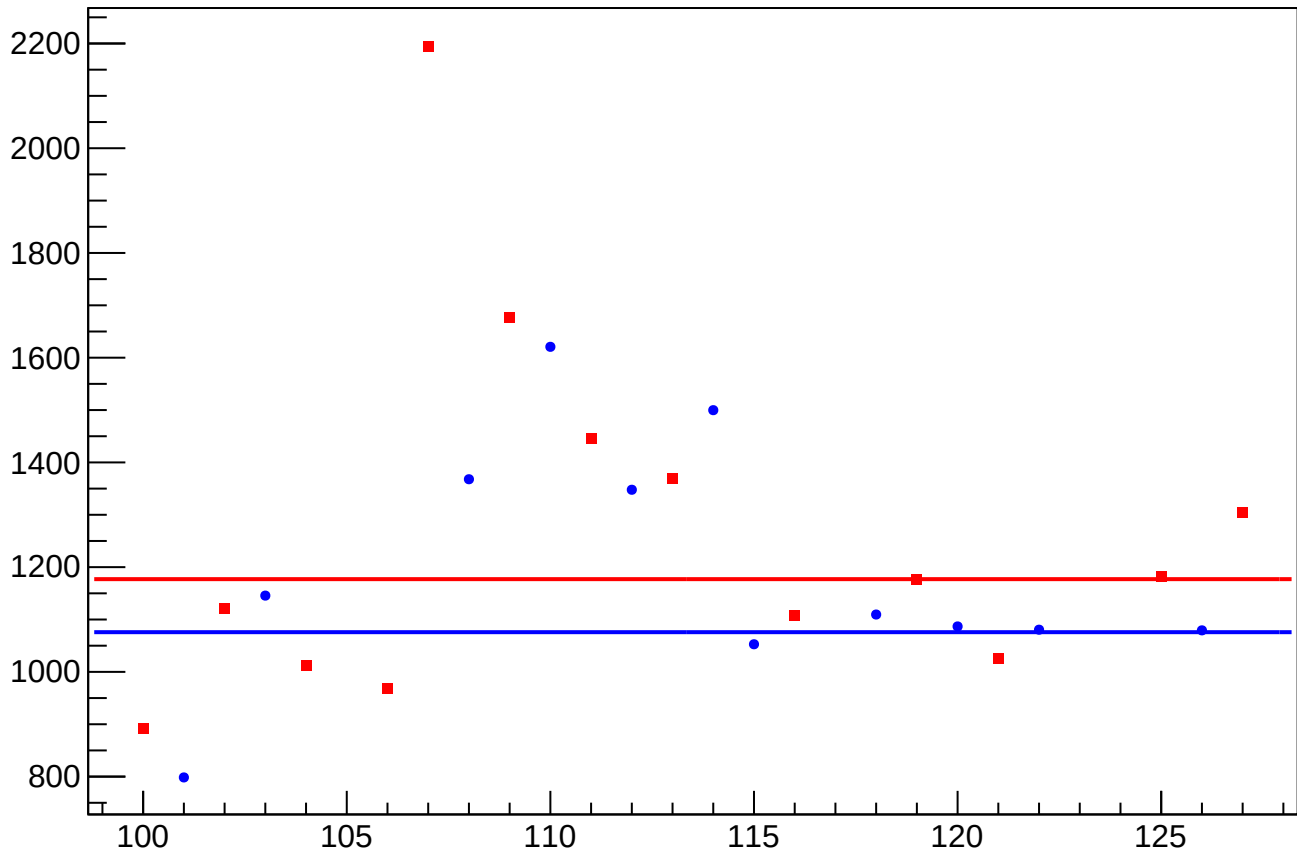
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 187.559+/-366.911 χ^2/NDF : 21.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_cor_correction_rms vs Slug



Right In: 1075.814+/-0.366 χ^2/NDF : 343726.2/10

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

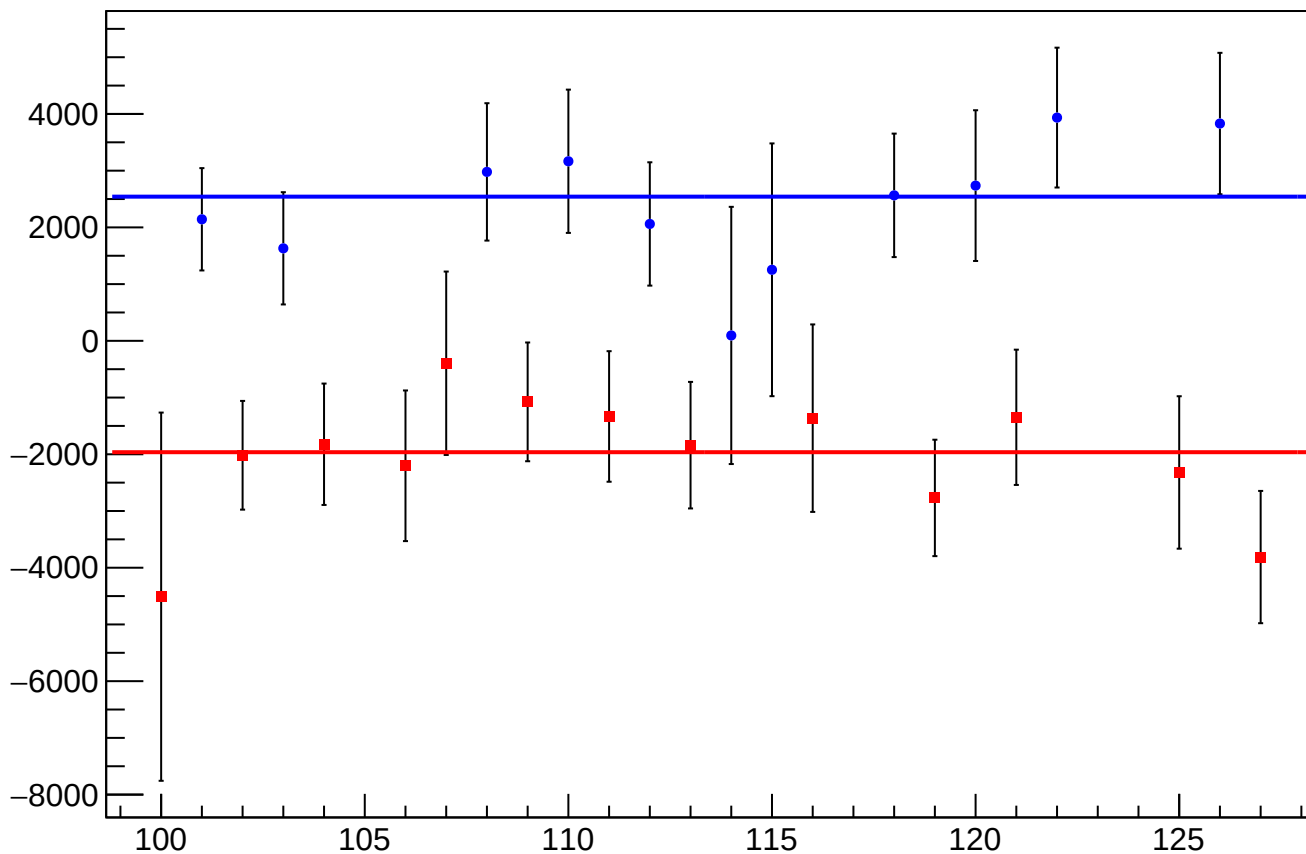
Right Out: 1177.098+/-0.367 χ^2/NDF : 352552.9/12

All: 1126.335+/-0.259 χ^2/NDF : 734379.2/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

overload_cor_asym_us_avg_mean vs Slug



Right In: 2542.095 $\pm$ 364.834 χ^2 /NDF: 5.5/10

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

Right Out: -1963.307 $\pm$ 337.366 χ^2 /NDF: 6.2/12

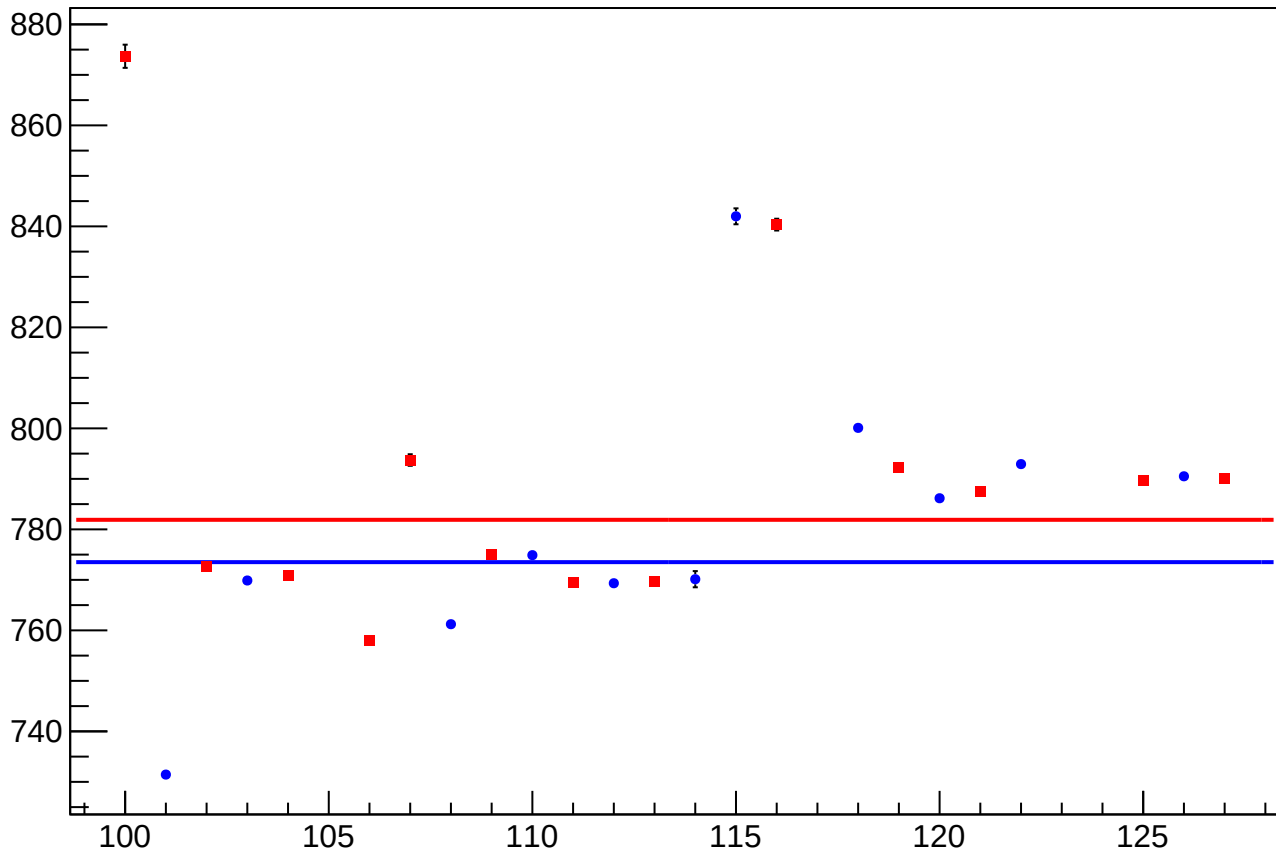
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 113.421 $\pm$ 247.696 χ^2 /NDF: 93.9/23

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

overload_cor_asym_us_avg_rms vs Slug



Right In: 773.510 $\pm$ 0.258 χ^2 /NDF: 8751.2/10

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

Right Out: 781.892 $\pm$ 0.239 χ^2 /NDF: 6226.2/12

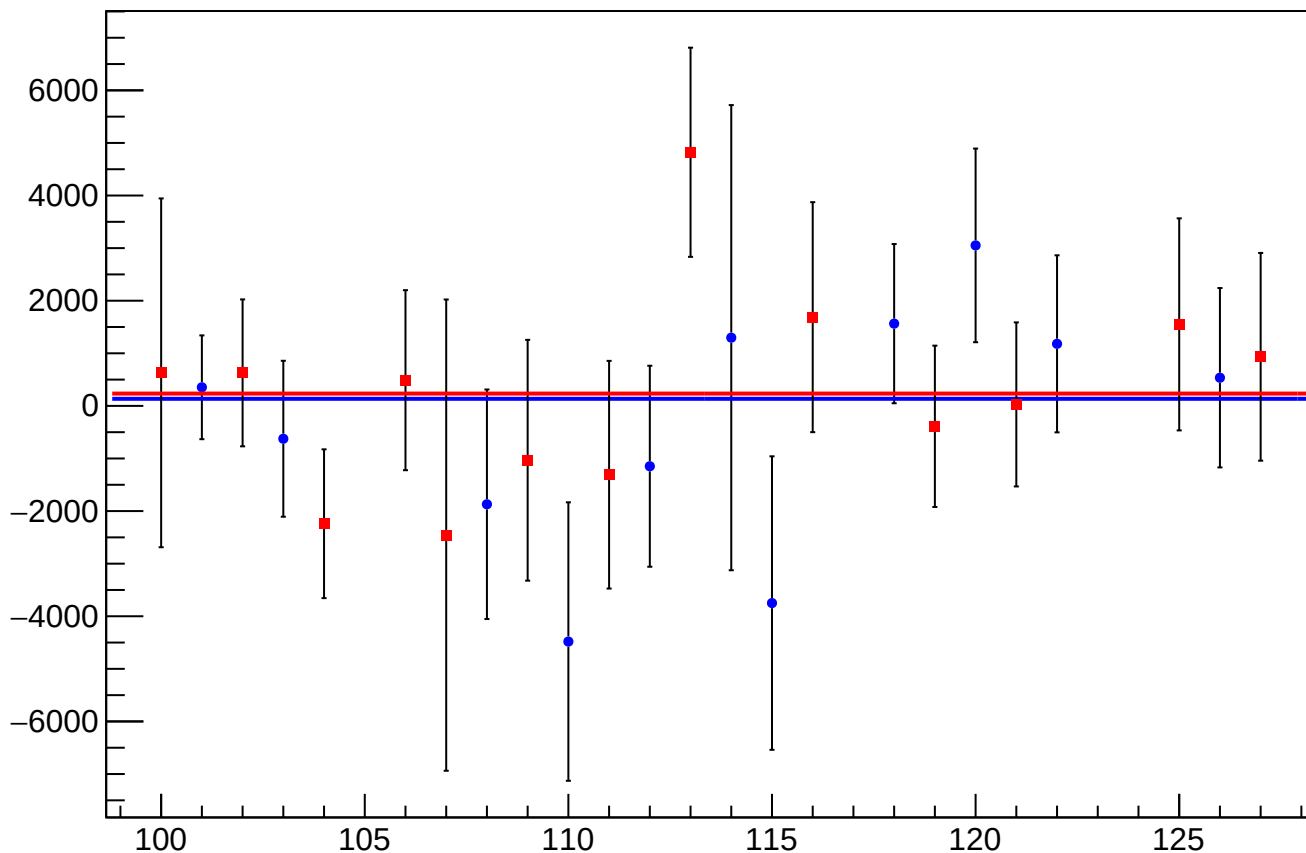
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 778.029 $\pm$ 0.175 χ^2 /NDF: 15546.4/23

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

asym_us_avg_overload_cor_correction_mean vs Slug



Right In: 134.827+/-518.760 χ^2/NDF : 10.5/10

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

Right Out: 234.161+/-519.940 χ^2/NDF : 10.9/12

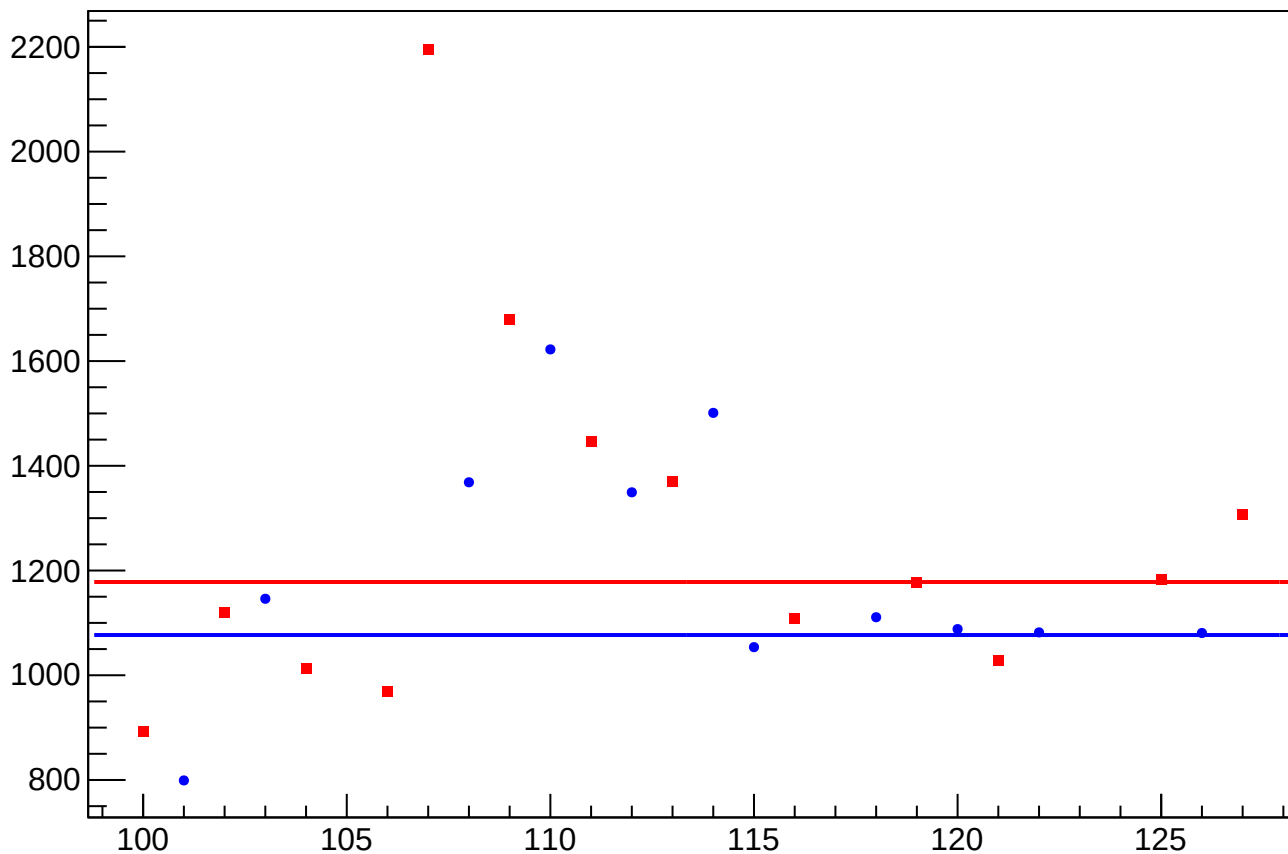
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.381+/-367.235 χ^2/NDF : 21.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_overload_cor_correction_rms vs Slug



Right In: 1076.840+/-0.367 χ^2/NDF : 343656.3/10

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

Right Out: 1178.072+/-0.368 χ^2/NDF : 352607.2/12

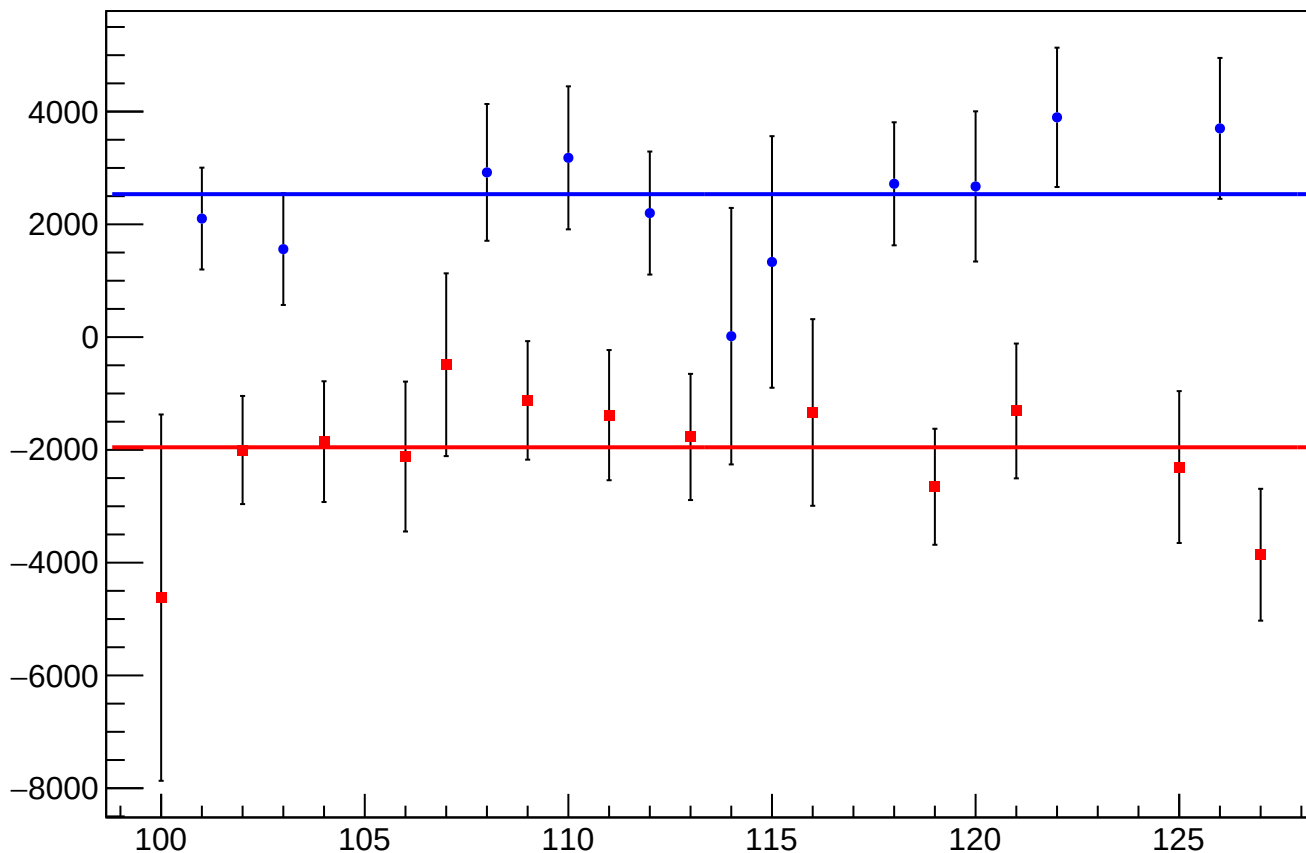
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1127.341+/-0.260 χ^2/NDF : 734257.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_mean vs Slug



Right In: 2535.153 $\pm$ 365.596 χ^2 /NDF: 5.3/10

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

Right Out: -1953.777 $\pm$ 338.107 χ^2 /NDF: 6.0/12

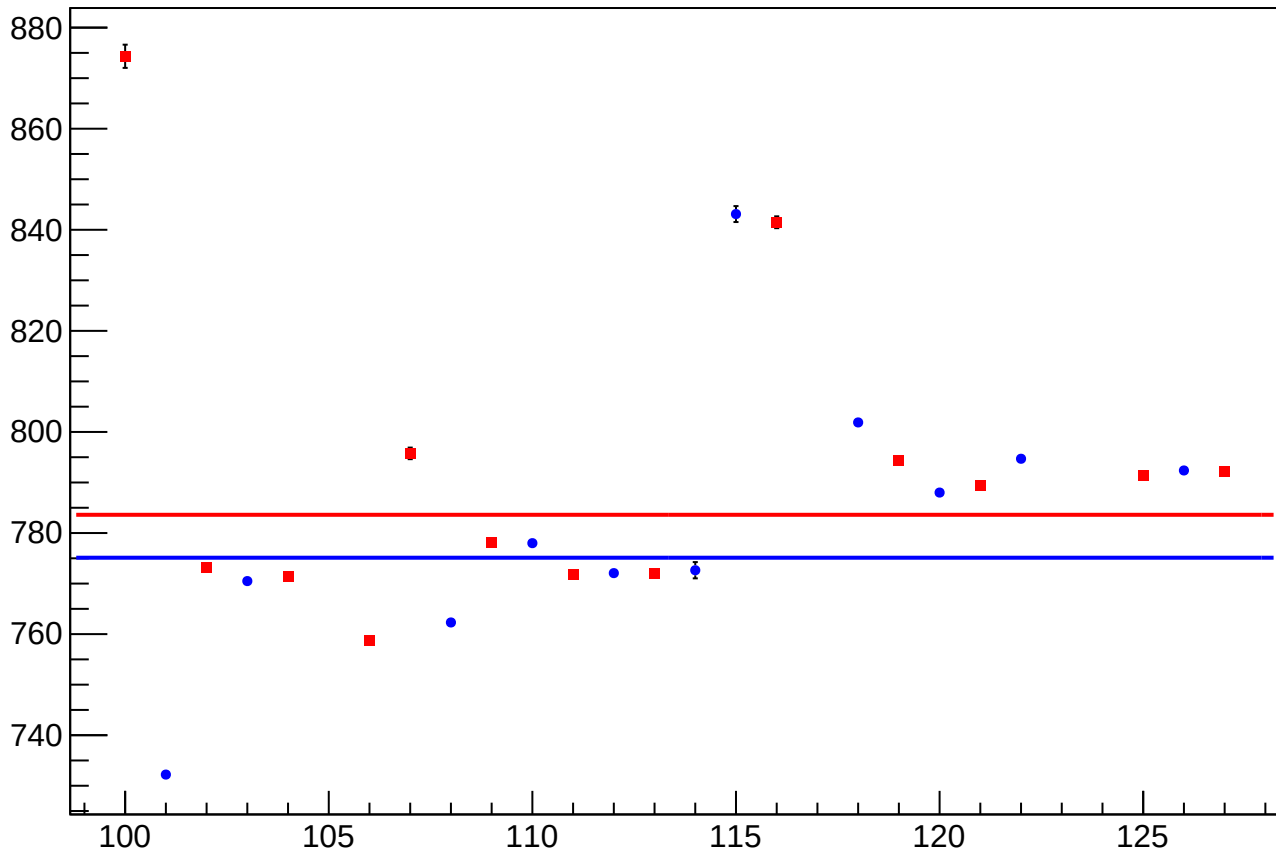
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 115.597 $\pm$ 248.228 χ^2 /NDF: 92.6/23

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

eigen_cor_asym_us_avg_rms vs Slug



Right In: 775.117 $\pm$ 0.259 χ^2 /NDF: 8943.5/10

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

Right Out: 783.609 $\pm$ 0.239 χ^2 /NDF: 6226.1/12

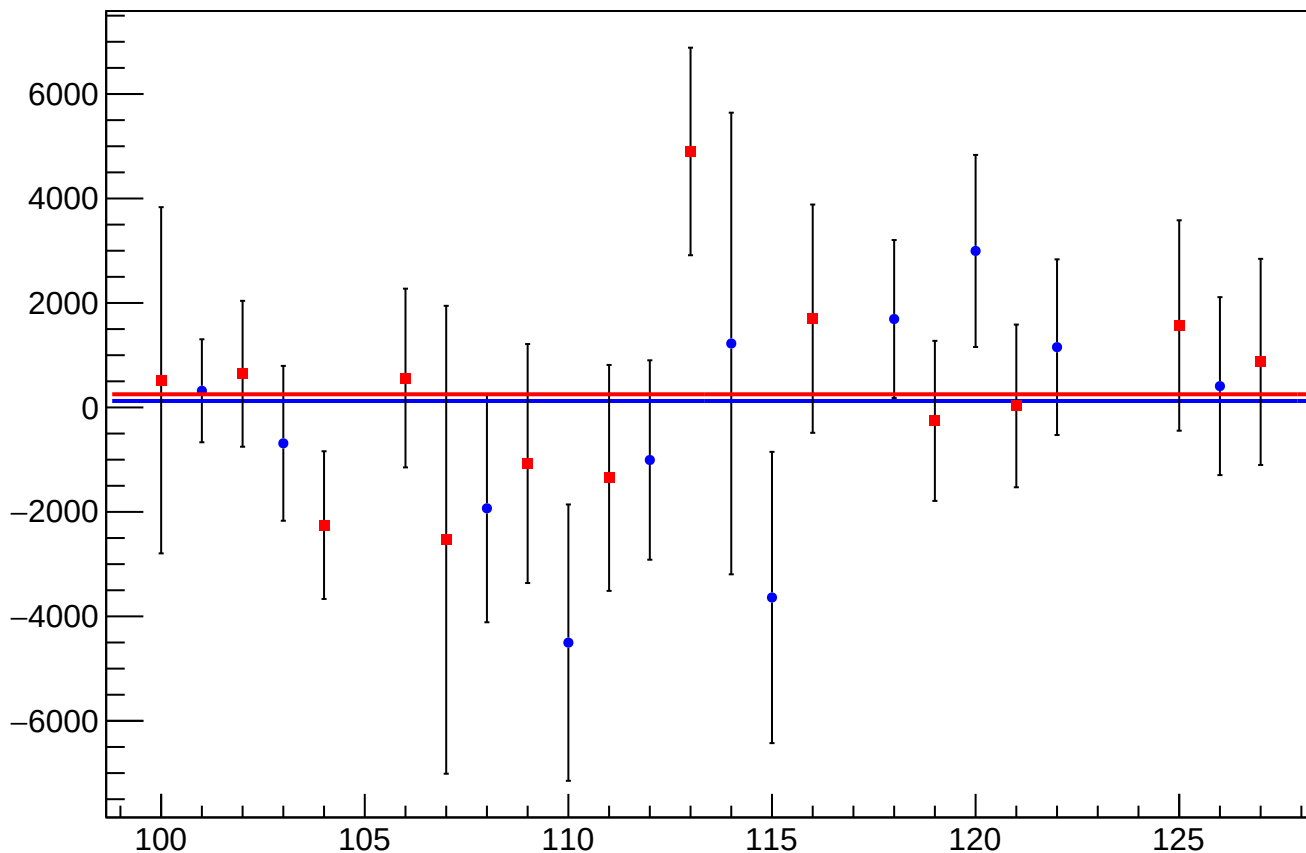
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 779.694 $\pm$ 0.176 χ^2 /NDF: 15751.2/23

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

asym_us_avg_eigen_cor_correction_mean vs Slug



Right In: 123.481+/-518.270 χ^2/NDF : 10.4/10

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

Right Out: 251.945+/-519.514 χ^2/NDF : 11.1/12

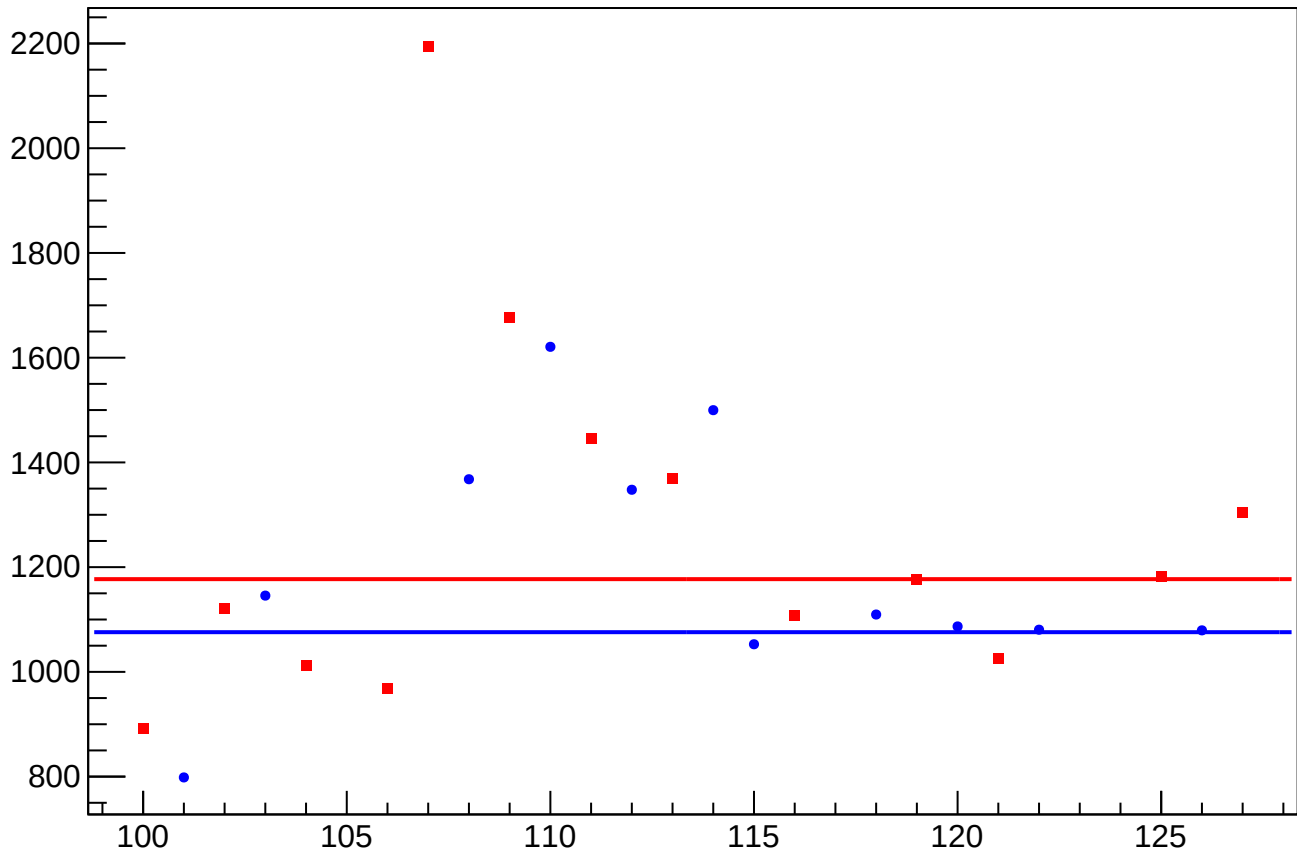
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 187.559+/-366.911 χ^2/NDF : 21.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_cor_correction_rms vs Slug



Right In: 1075.814+/-0.366 χ^2/NDF : 343726.2/10

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

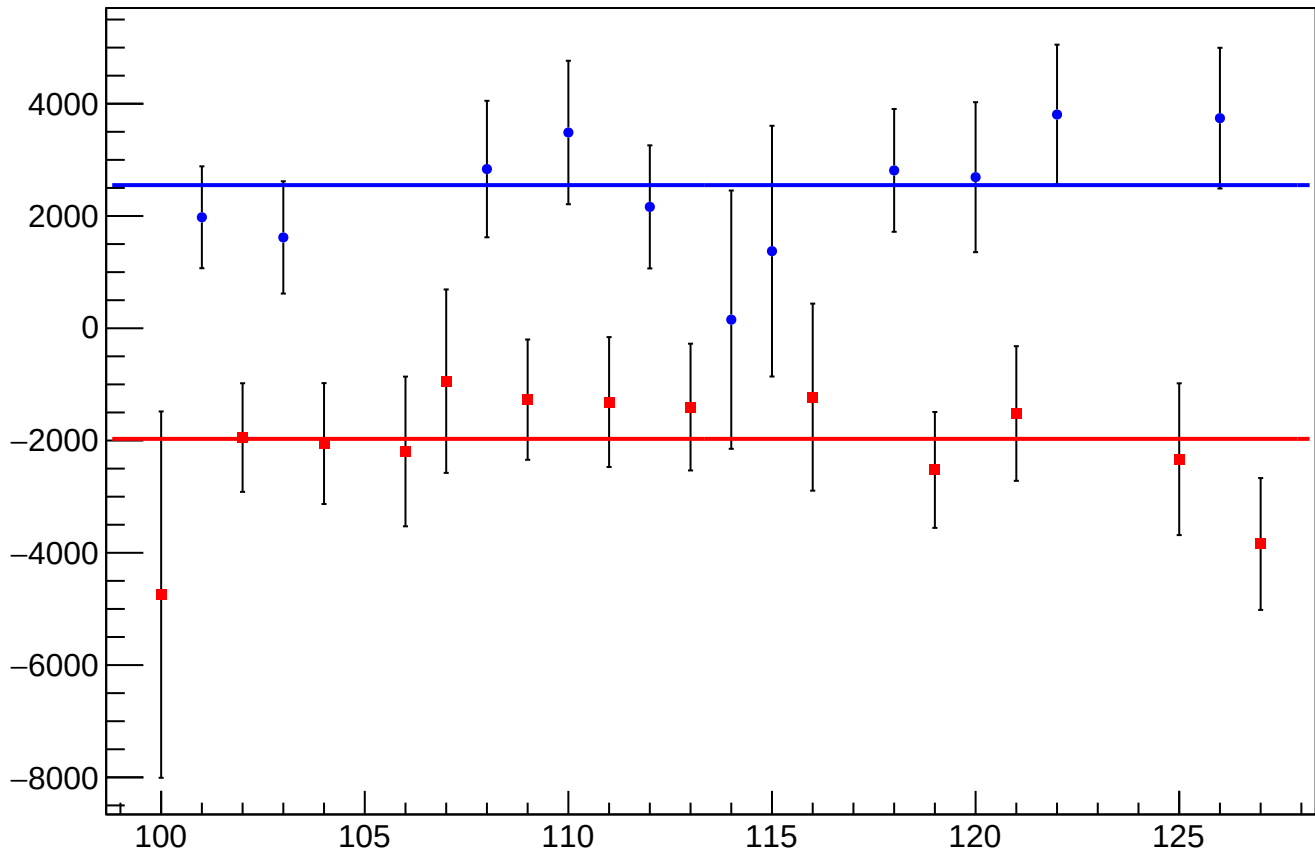
Right Out: 1177.098+/-0.367 χ^2/NDF : 352552.9/12

All: 1126.335+/-0.259 χ^2/NDF : 734379.2/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_asym_us_avg_mean vs Slug



Right In: 2550.148 $\pm$ 367.531 χ^2 /NDF: 5.3/10

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

Right Out: -1970.226 $\pm$ 340.418 χ^2 /NDF: 5.4/12

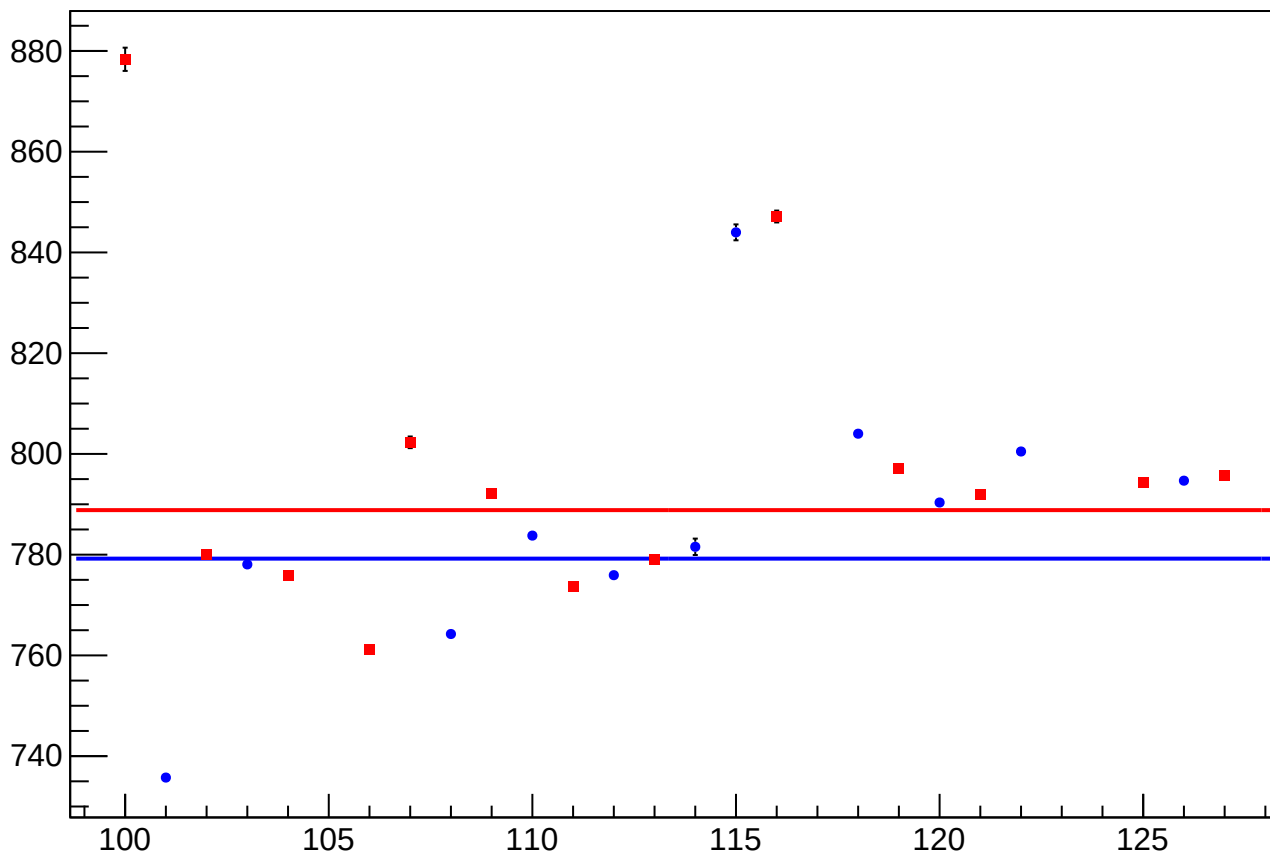
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 117.098 $\pm$ 249.748 χ^2 /NDF: 92.2/23

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

dit_asym_us_avg_rms vs Slug



Right In: 779.211+/-0.260 χ^2/NDF : 8680.0/10

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

Right Out: 788.841+/-0.241 χ^2/NDF : 6157.1/12

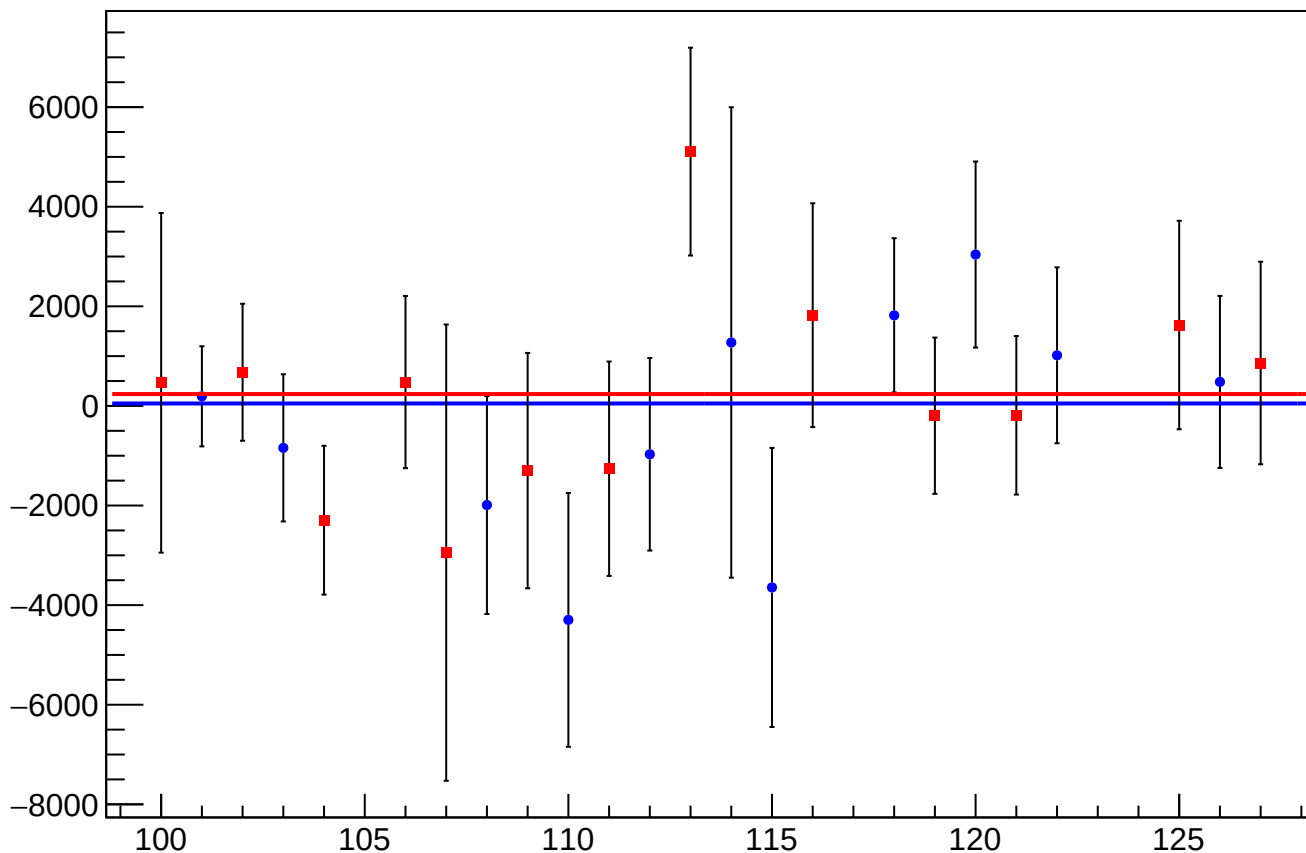
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 784.394+/-0.177 χ^2/NDF : 15576.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_correction_mean vs Slug



Right In: 49.356+/-526.412 χ^2/NDF : 10.5/10

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

Right Out: 238.267+/-531.617 χ^2/NDF : 11.0/12

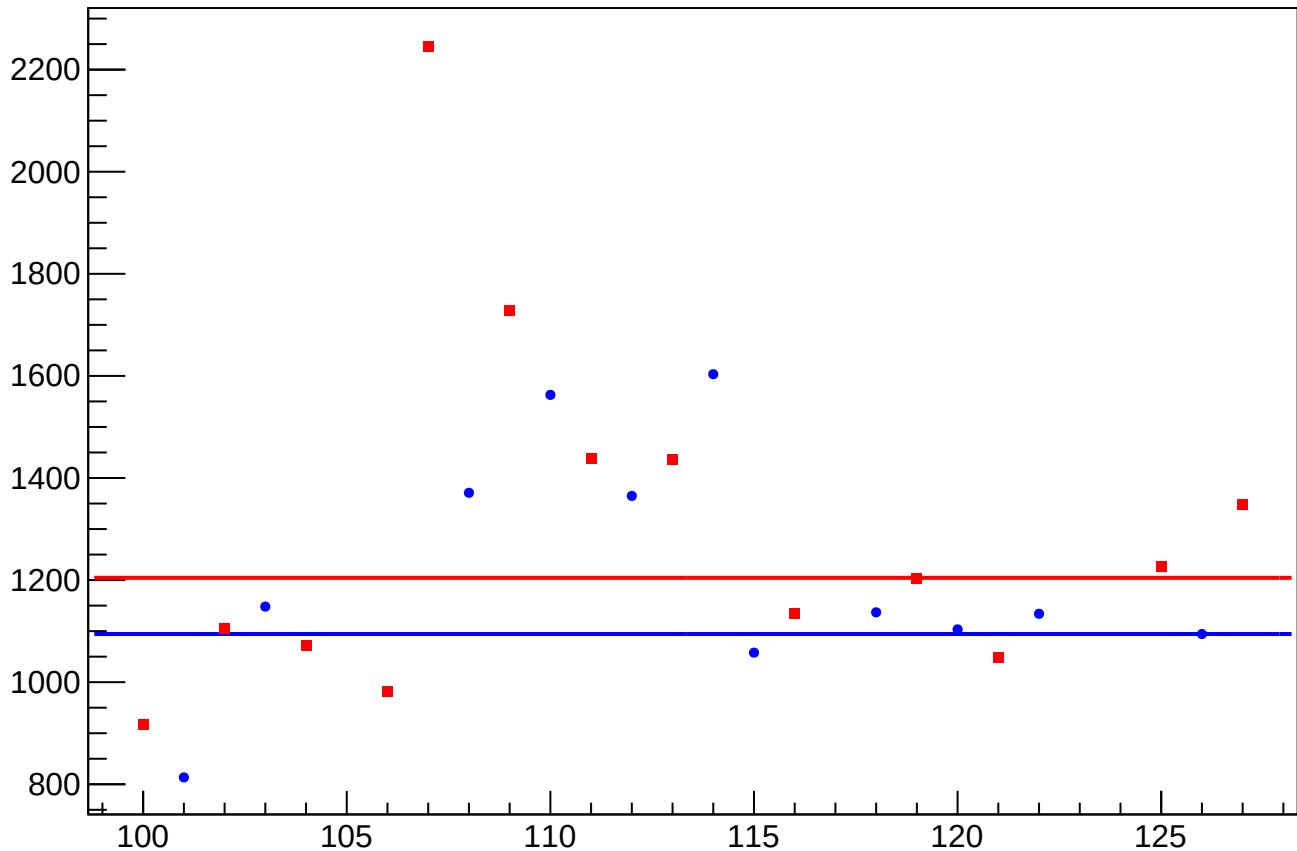
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.882+/-374.056 χ^2/NDF : 21.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_correction_rms vs Slug



Right In: 1094.402 $\pm$ 0.372 χ^2 /NDF: 323625.1/10

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

Right Out: 1204.414 $\pm$ 0.376 χ^2 /NDF: 354753.9/12

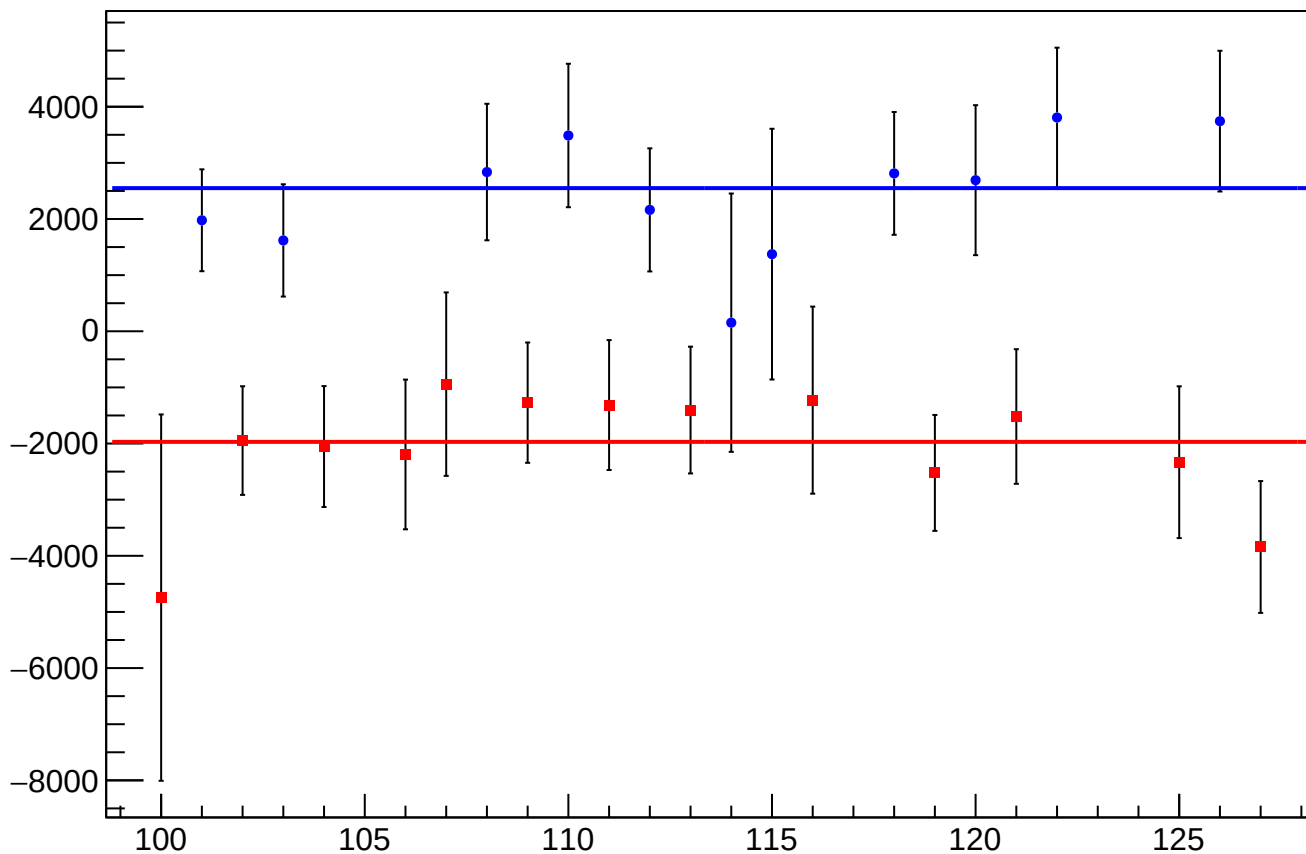
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1148.867 $\pm$ 0.264 χ^2 /NDF: 721623.6/23

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

eigen_dit_asym_us_avg_mean vs Slug



Right In: 2550.147 $\pm$ 367.531 χ^2 /NDF: 5.3/10

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

Right Out: -1970.225 $\pm$ 340.418 χ^2 /NDF: 5.4/12

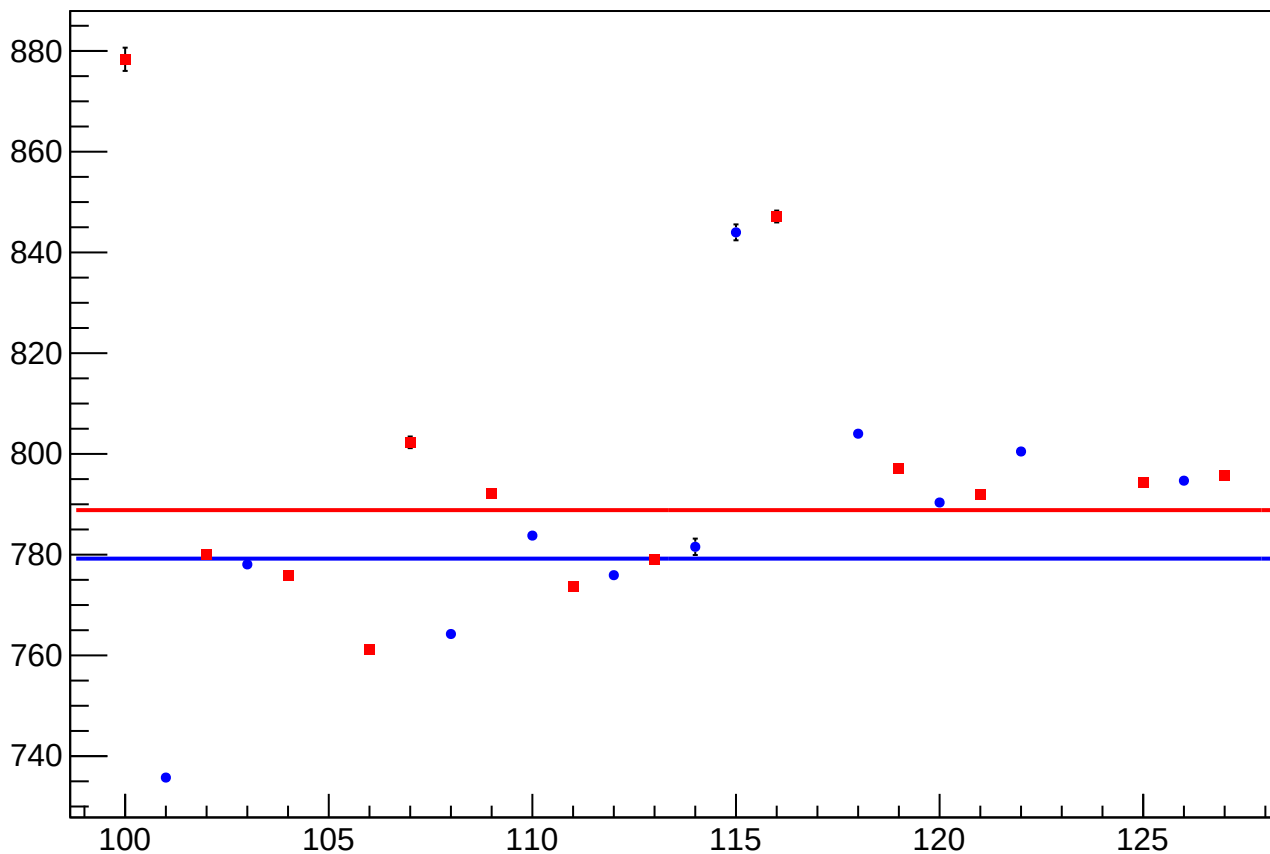
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 117.097 $\pm$ 249.748 χ^2 /NDF: 92.2/23

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

eigen_dit_asym_us_avg_rms vs Slug



Right In: 779.211+/-0.260 χ^2/NDF : 8679.9/10

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

Right Out: 788.841+/-0.241 χ^2/NDF : 6157.0/12

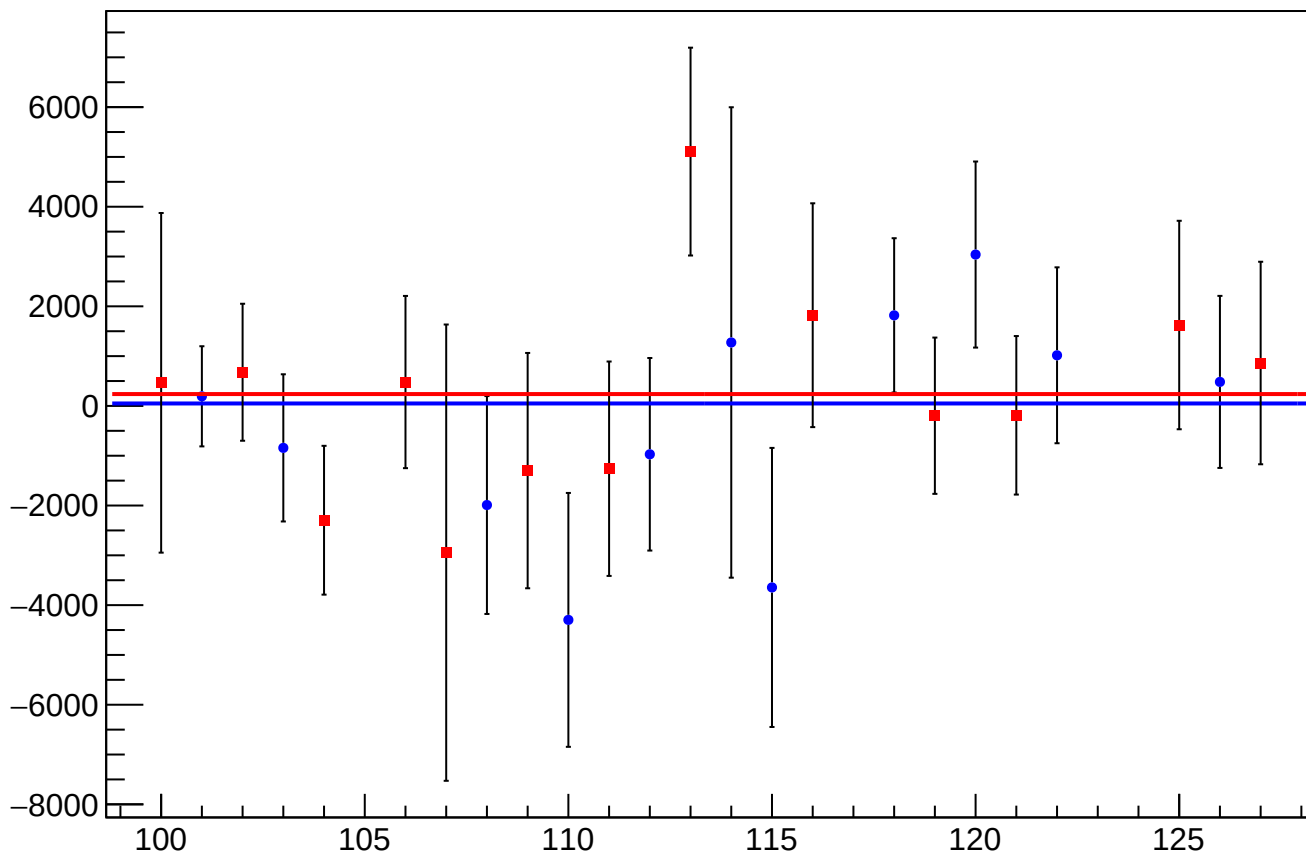
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 784.394+/-0.177 χ^2/NDF : 15576.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_dit_correction_mean vs Slug



Right In: 49.356+/-526.411 χ^2/NDF : 10.5/10

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

Right Out: 238.266+/-531.615 χ^2/NDF : 11.0/12

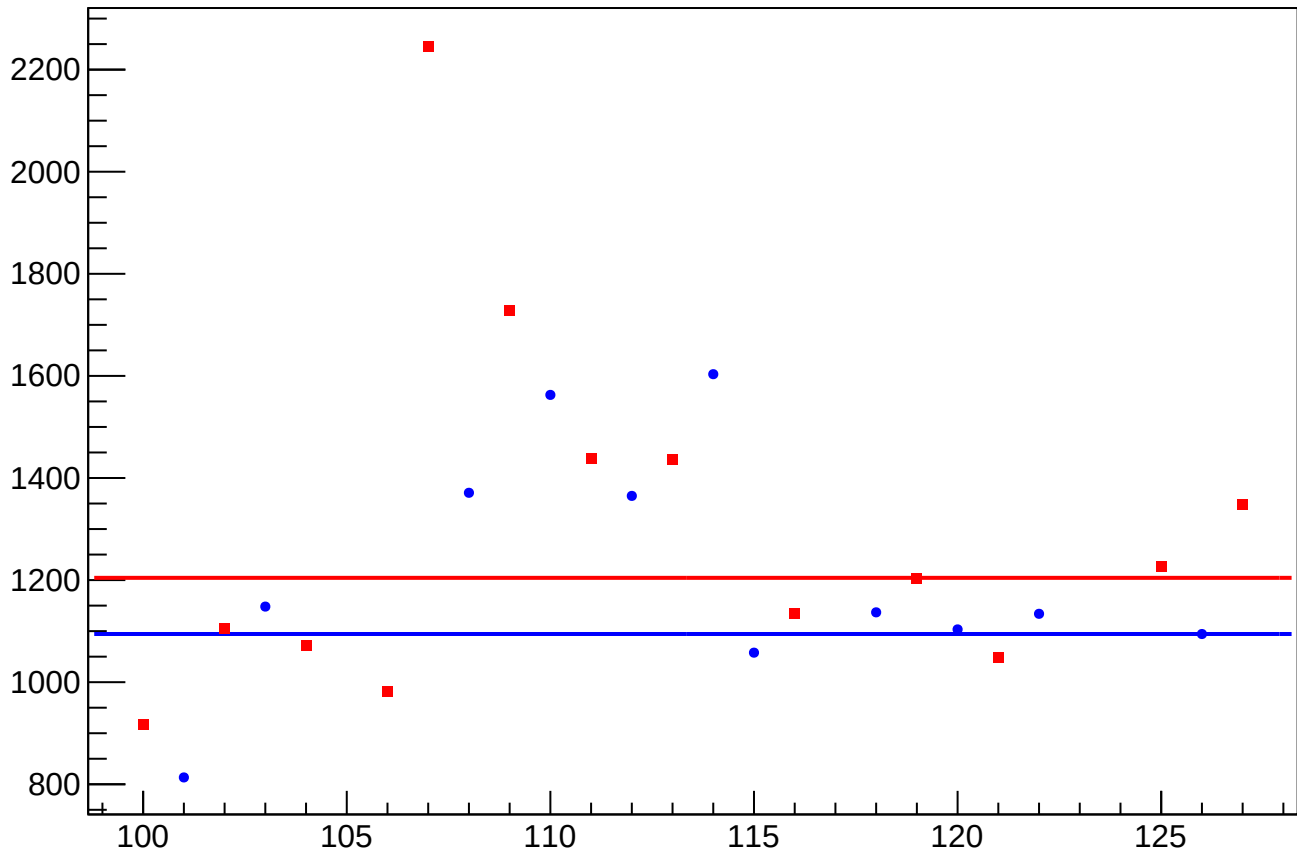
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.882+/-374.055 χ^2/NDF : 21.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_dit_correction_rms vs Slug



Right In: 1094.399+/-0.372 χ^2/NDF : 323622.9/10

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

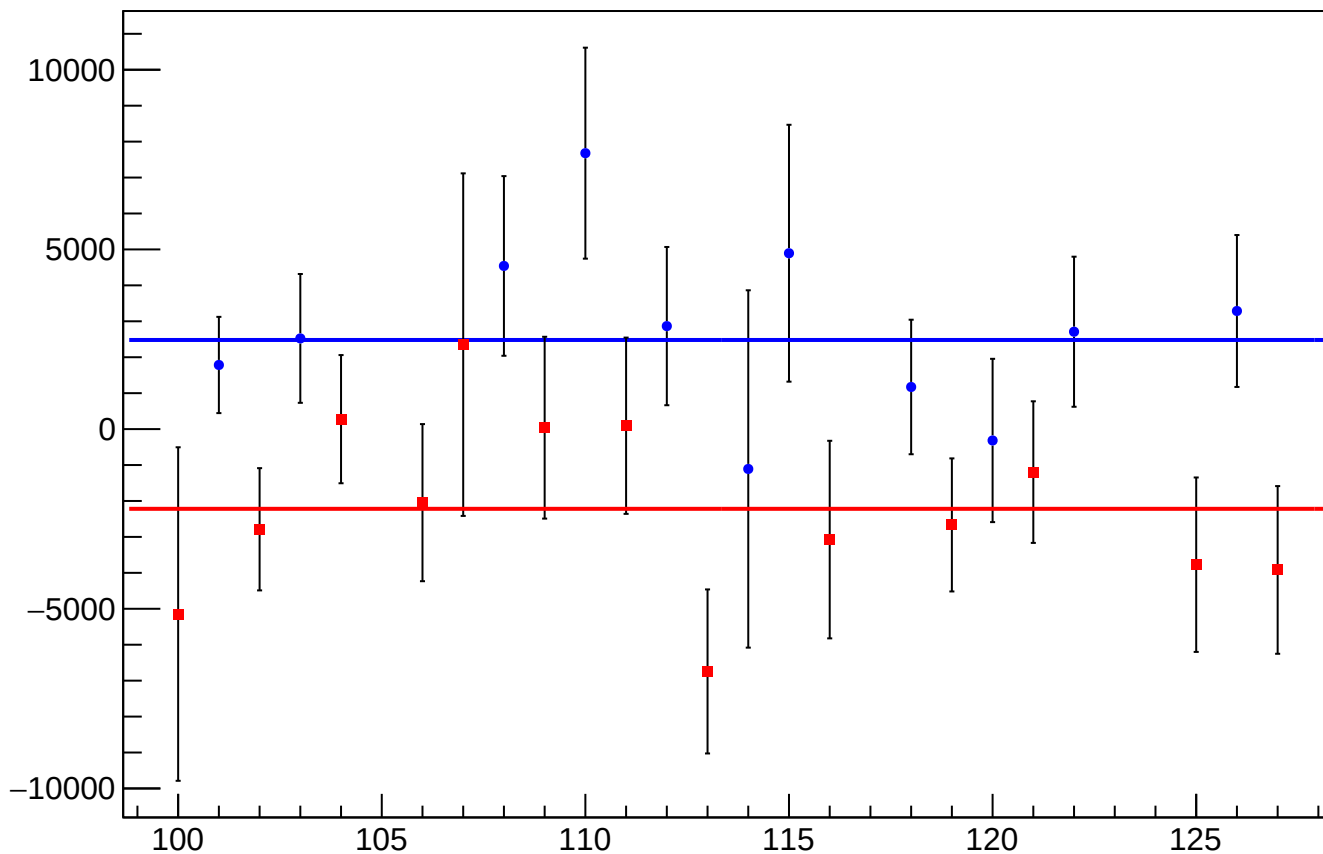
Right Out: 1204.410+/-0.376 χ^2/NDF : 354752.1/12

All: 1148.864+/-0.264 χ^2/NDF : 721619.7/23

- 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_mean vs Slug



Right In: 2480.134+/-645.221 χ^2/NDF : 7.3/10

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

Right Out: -2218.436+/-631.291 χ^2/NDF : 10.4/12

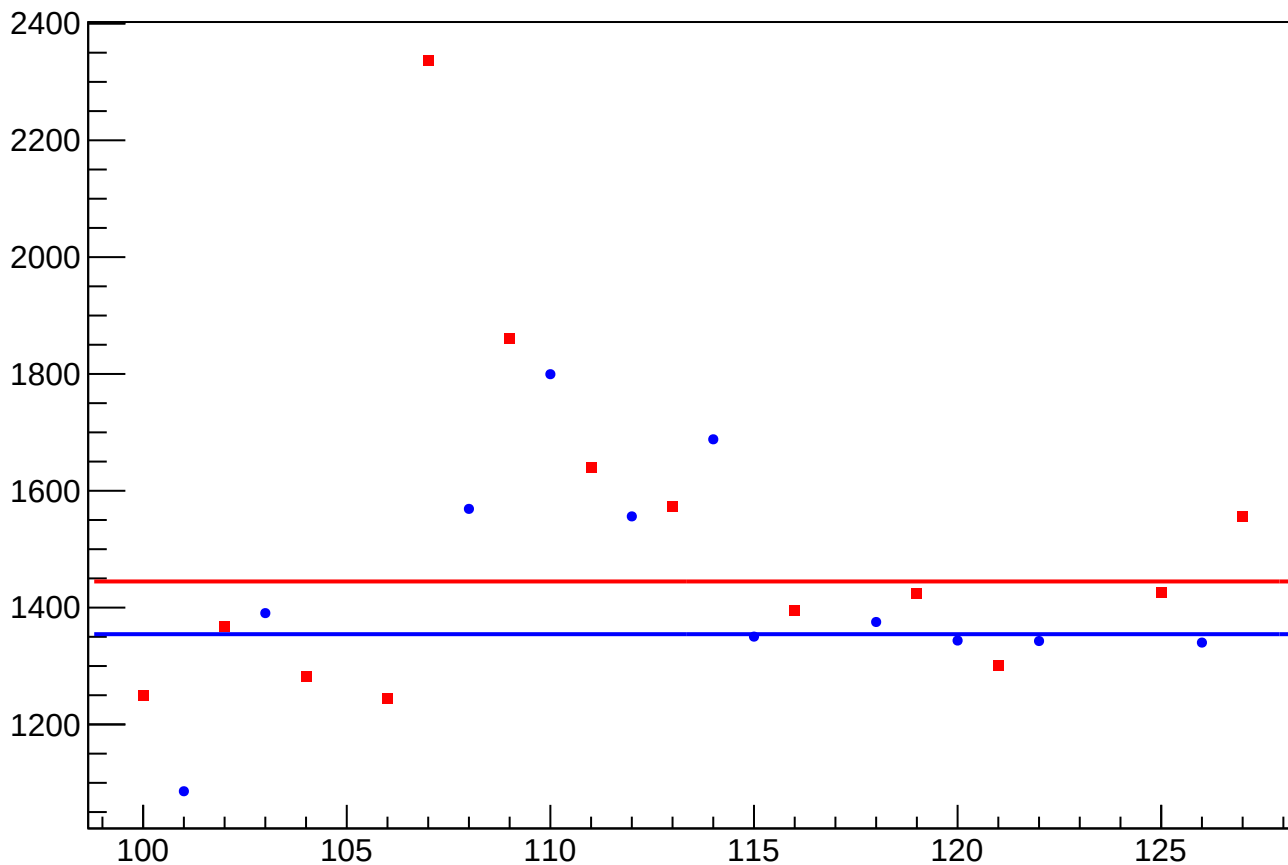
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.583+/-451.235 χ^2/NDF : 44.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_rms vs Slug



Right In: 1354.510+/-0.456 χ^2/NDF : 168361.8/10

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

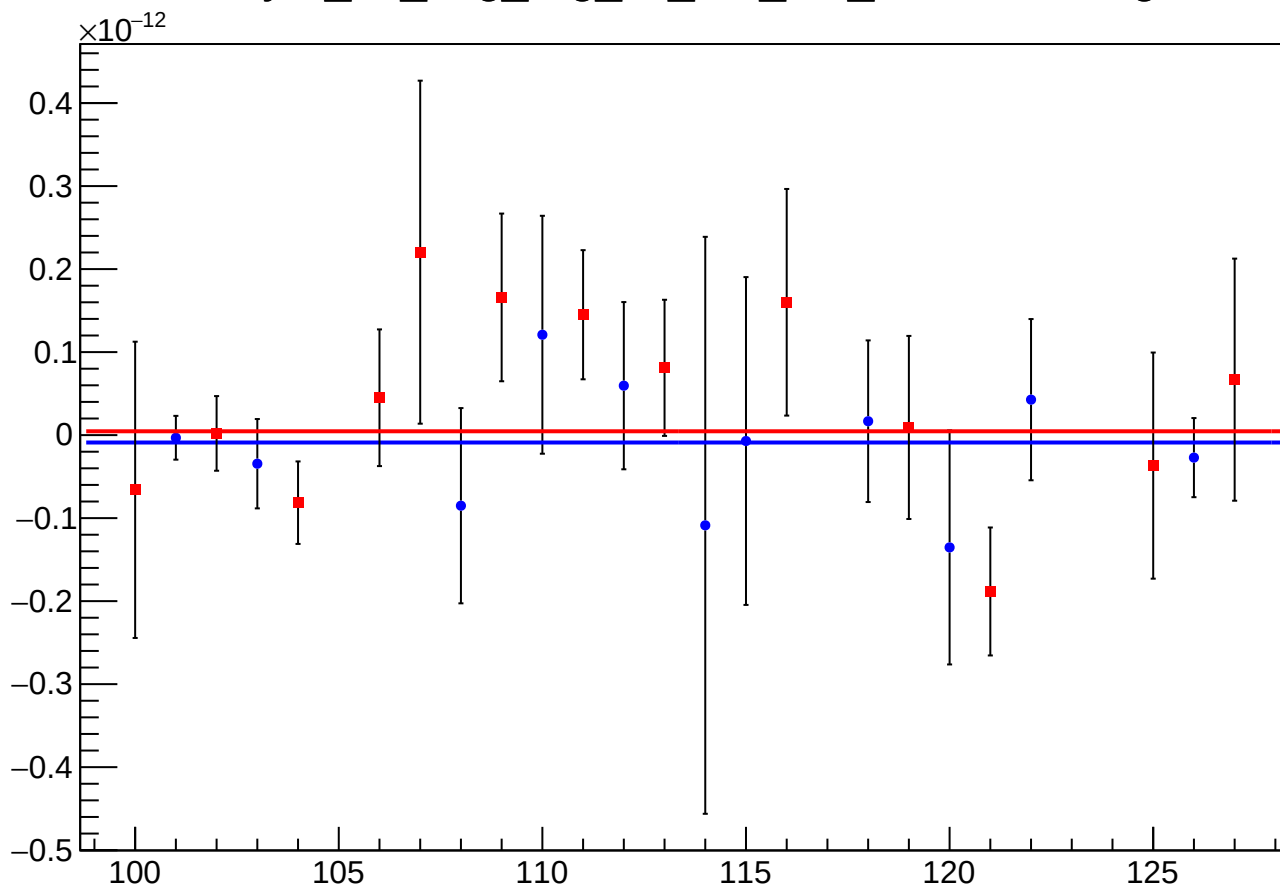
Right Out: 1444.763+/-0.446 χ^2/NDF : 200444.8/12

All: 1400.622+/-0.319 χ^2/NDF : 388799.9/23

- 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_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.4/10

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.0/12

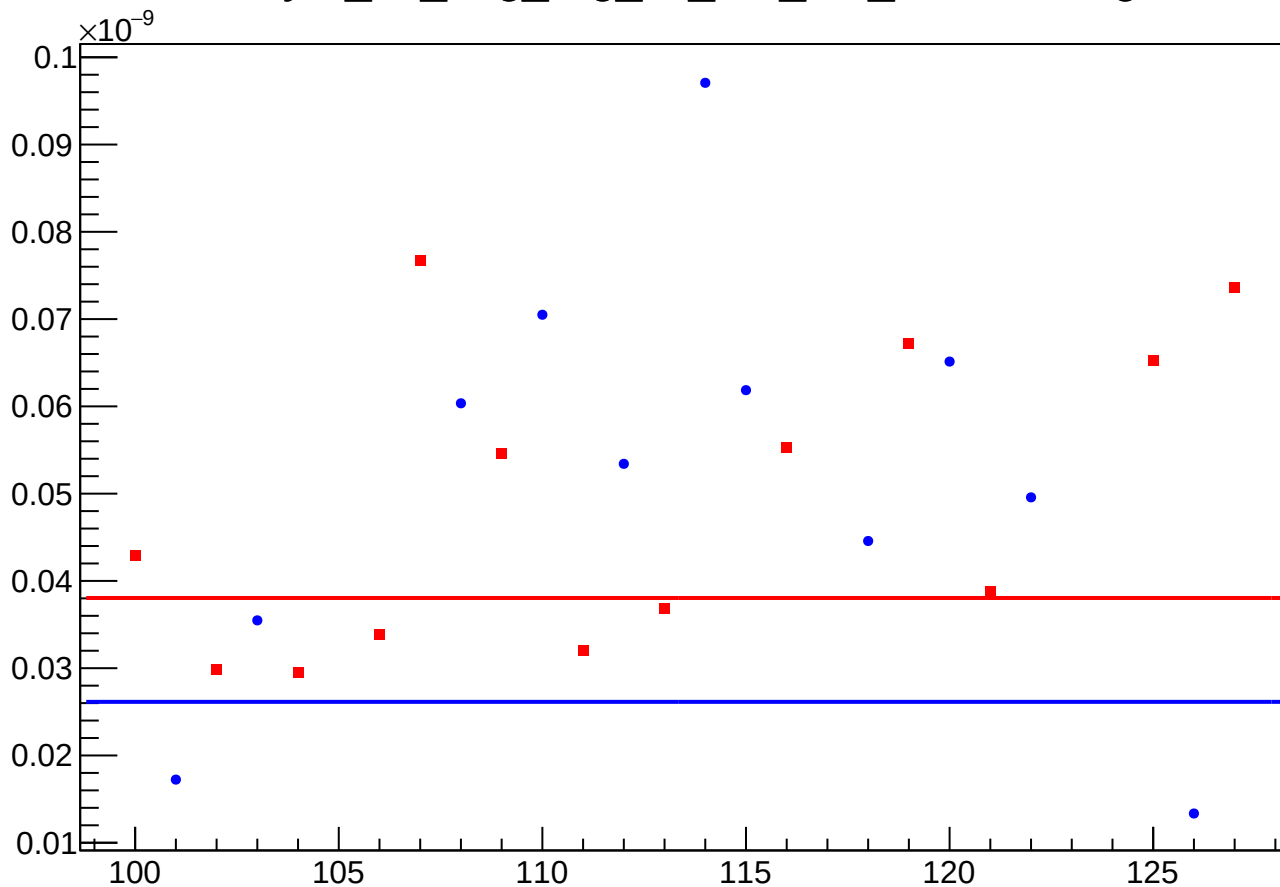
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 22.6/23

- 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 : 1429601.4/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 639192.4/12

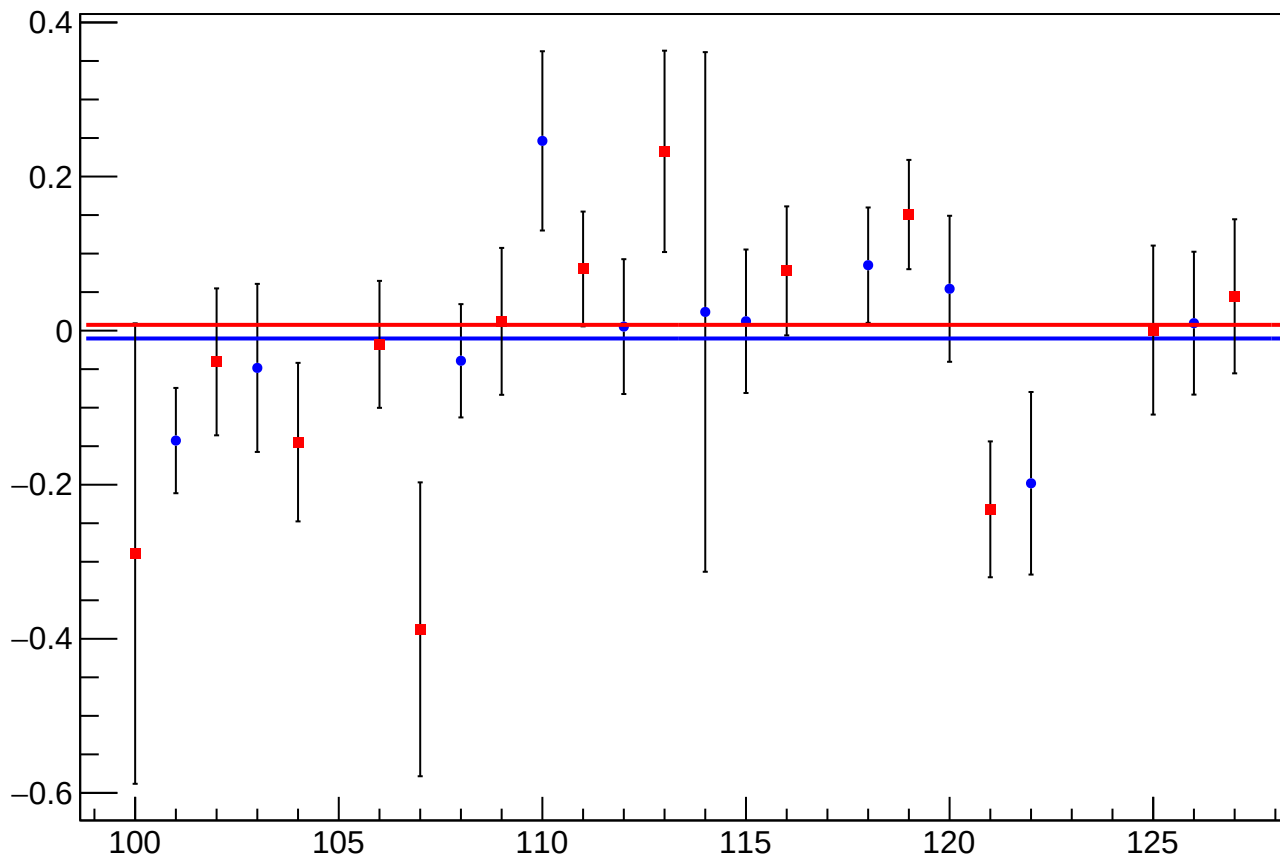
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2388454.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.010 $\pm$ 0.028 χ^2 /NDF: 13.6/10

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

Right Out: 0.007 $\pm$ 0.027 χ^2 /NDF: 24.0/12

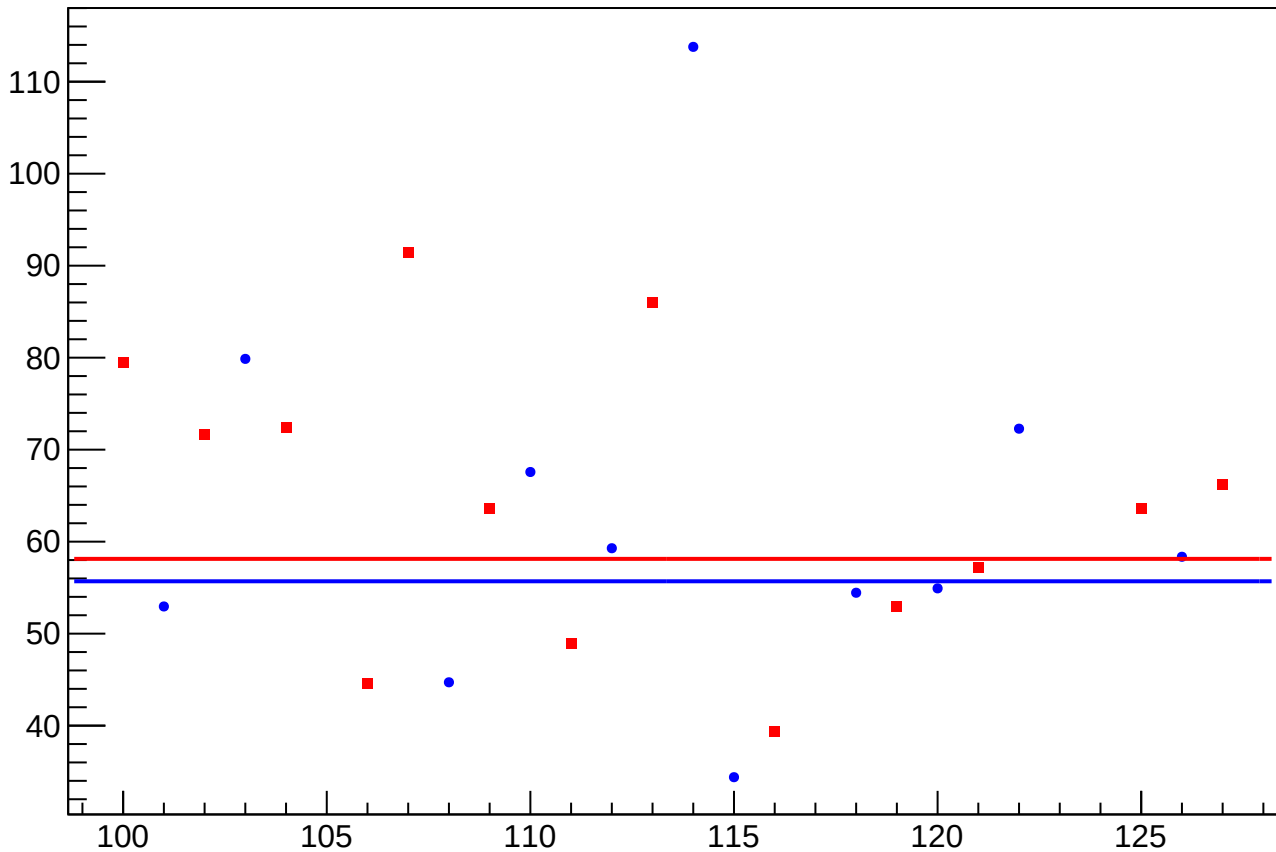
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.001 $\pm$ 0.019 χ^2 /NDF: 37.9/23

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

asym_us_avg_dit_vs_cor_diff_rms vs Slug



Right In: 55.692+/-0.020 χ^2/NDF : 375780.0/10

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

Right Out: 58.129+/-0.019 χ^2/NDF : 461315.6/12

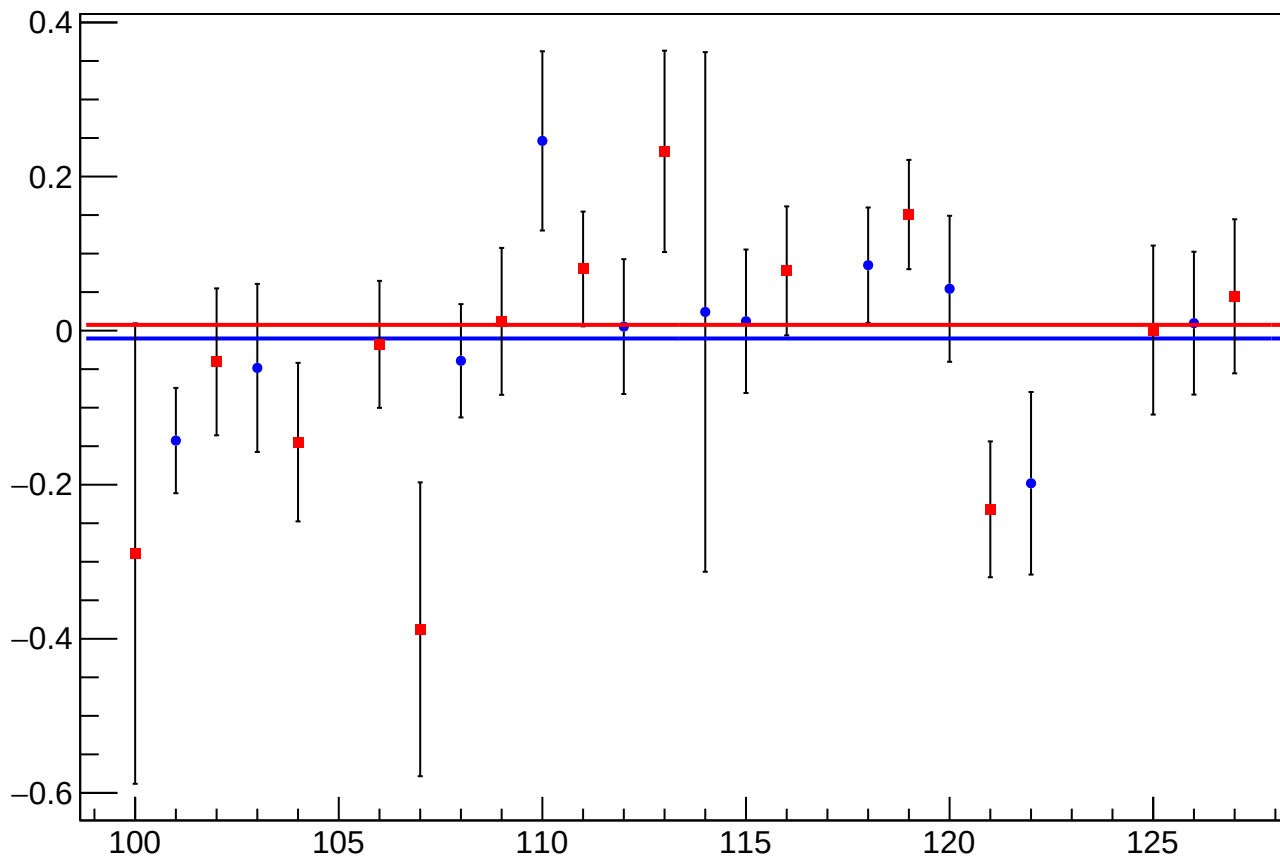
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.957+/-0.014 χ^2/NDF : 845042.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.010 ± 0.028 χ^2/NDF : 13.6/10

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

Right Out: 0.007 ± 0.027 χ^2/NDF : 24.0/12

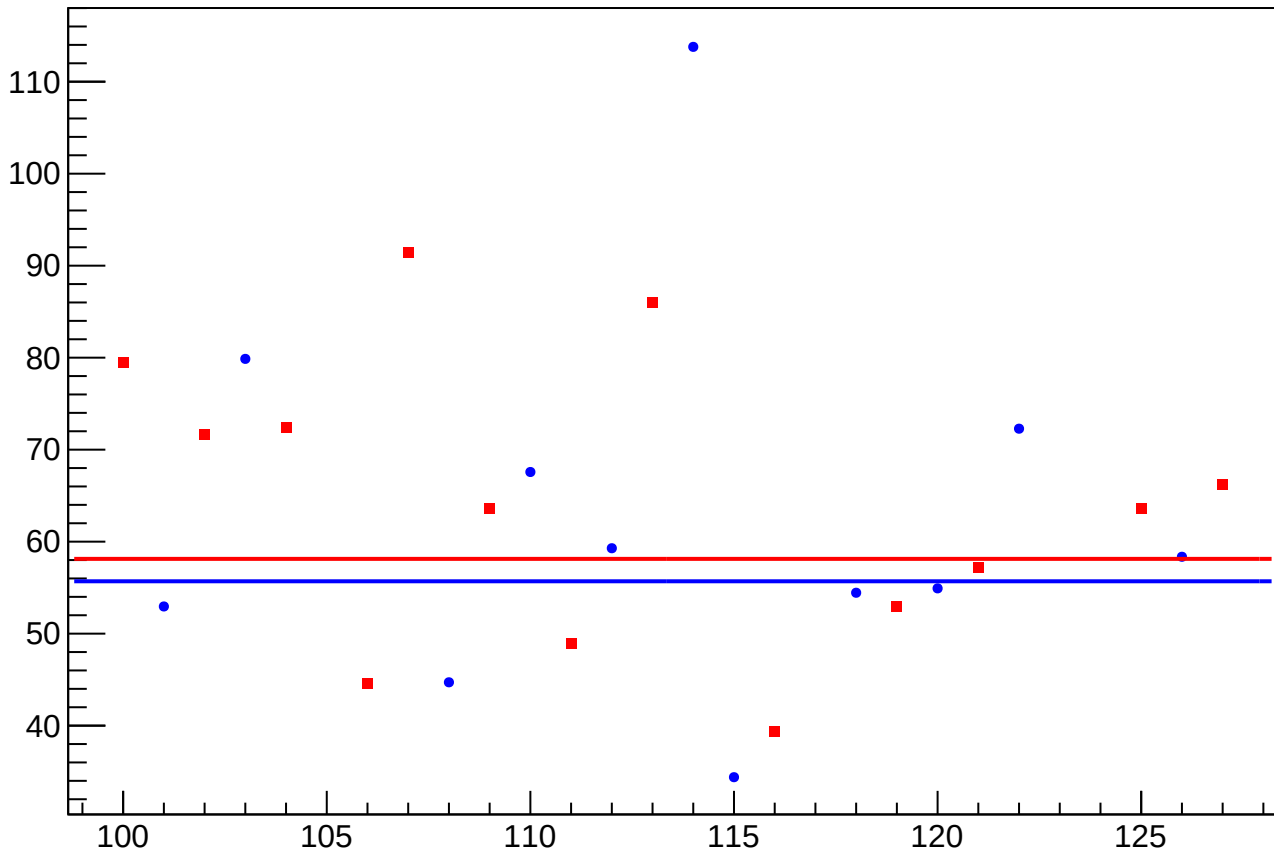
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.001 ± 0.019 χ^2/NDF : 37.9/23

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 55.692+/-0.020 χ^2/NDF : 375780.0/10

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

Right Out: 58.129+/-0.019 χ^2/NDF : 461315.6/12

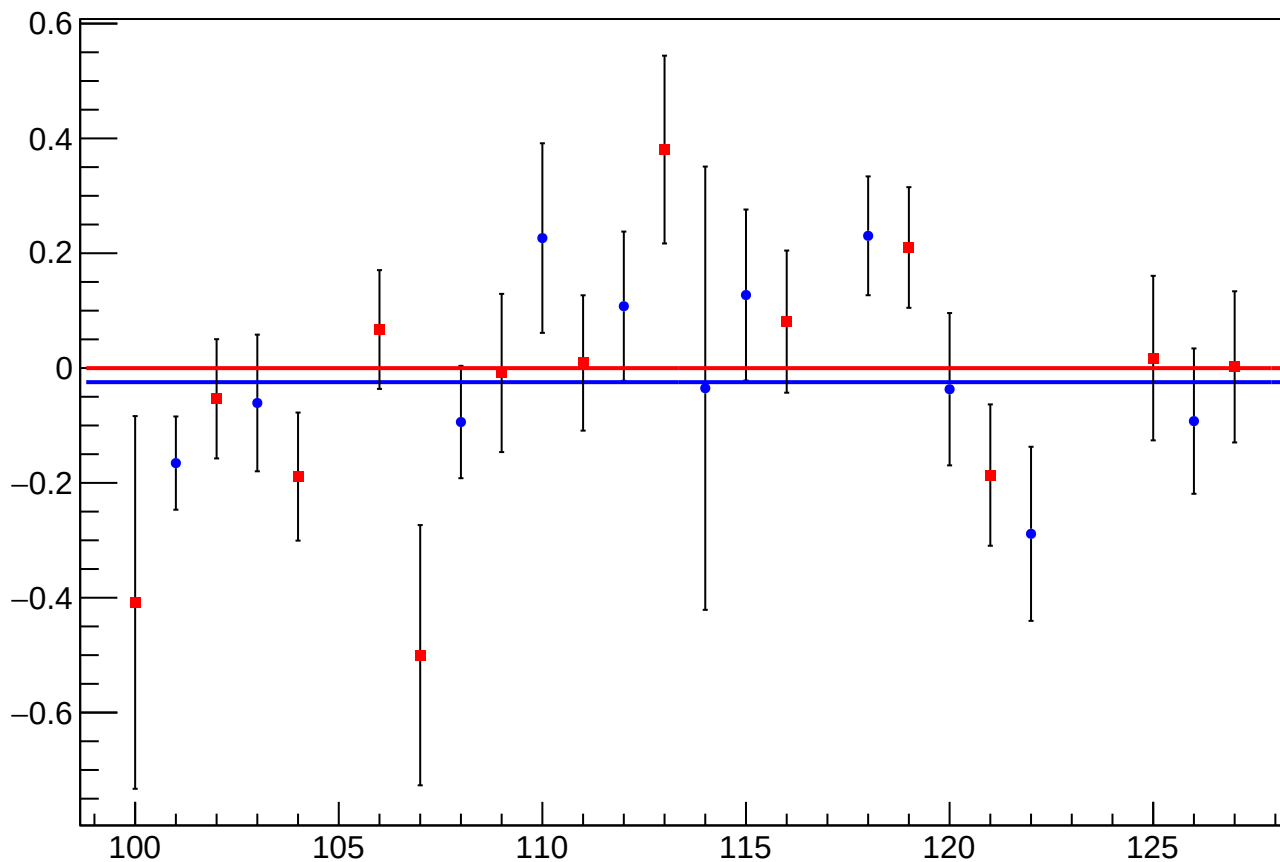
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.957+/-0.014 χ^2/NDF : 845042.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_vs_overload_cor_diff_mean vs Slug



Right In: -0.025+/-0.037 χ^2/NDF : 17.4/10

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

Right Out: -0.000+/-0.036 χ^2/NDF : 22.2/12

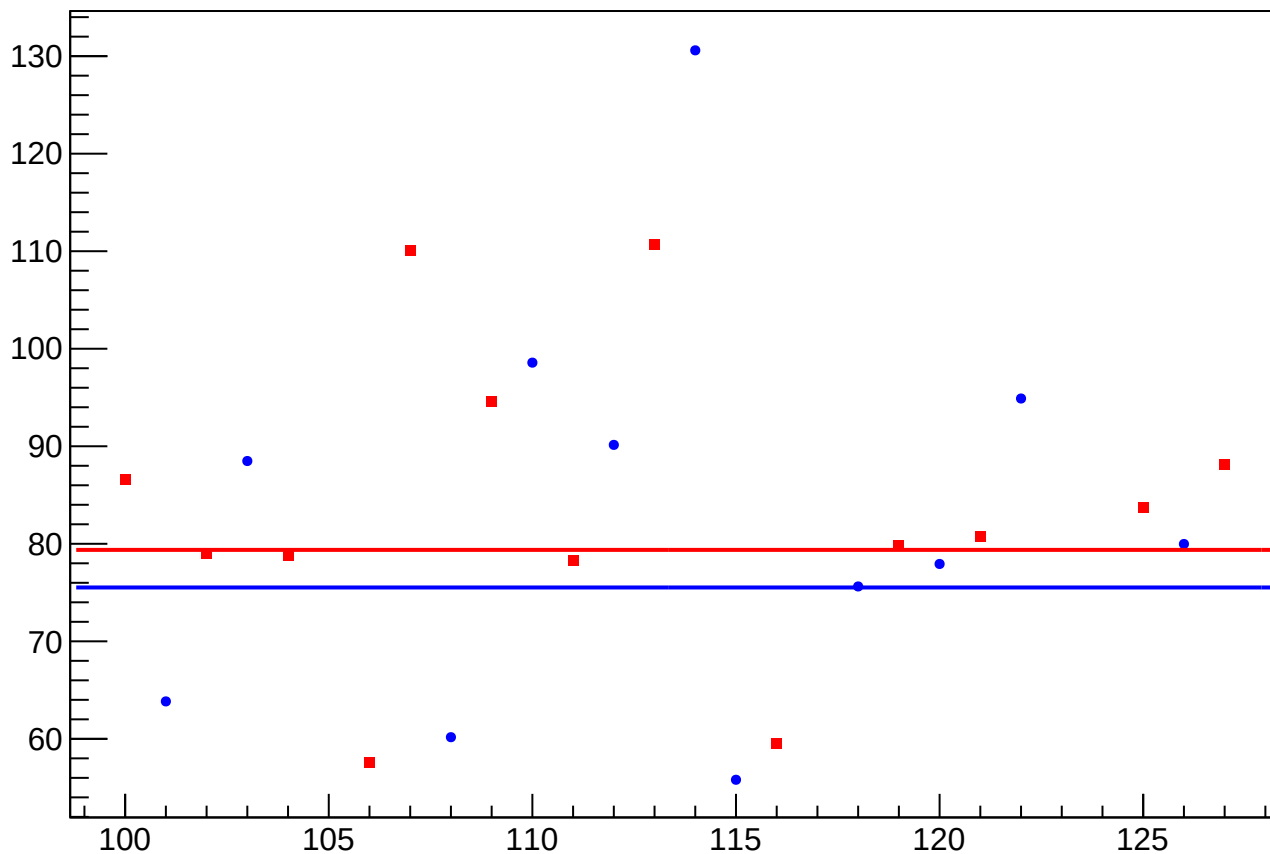
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.012+/-0.026 χ^2/NDF : 39.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_vs_overload_cor_diff_rms vs Slug



Right In: 75.522+/-0.026 χ^2/NDF : 290229.4/10

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

Right Out: 79.375+/-0.025 χ^2/NDF : 286723.3/12

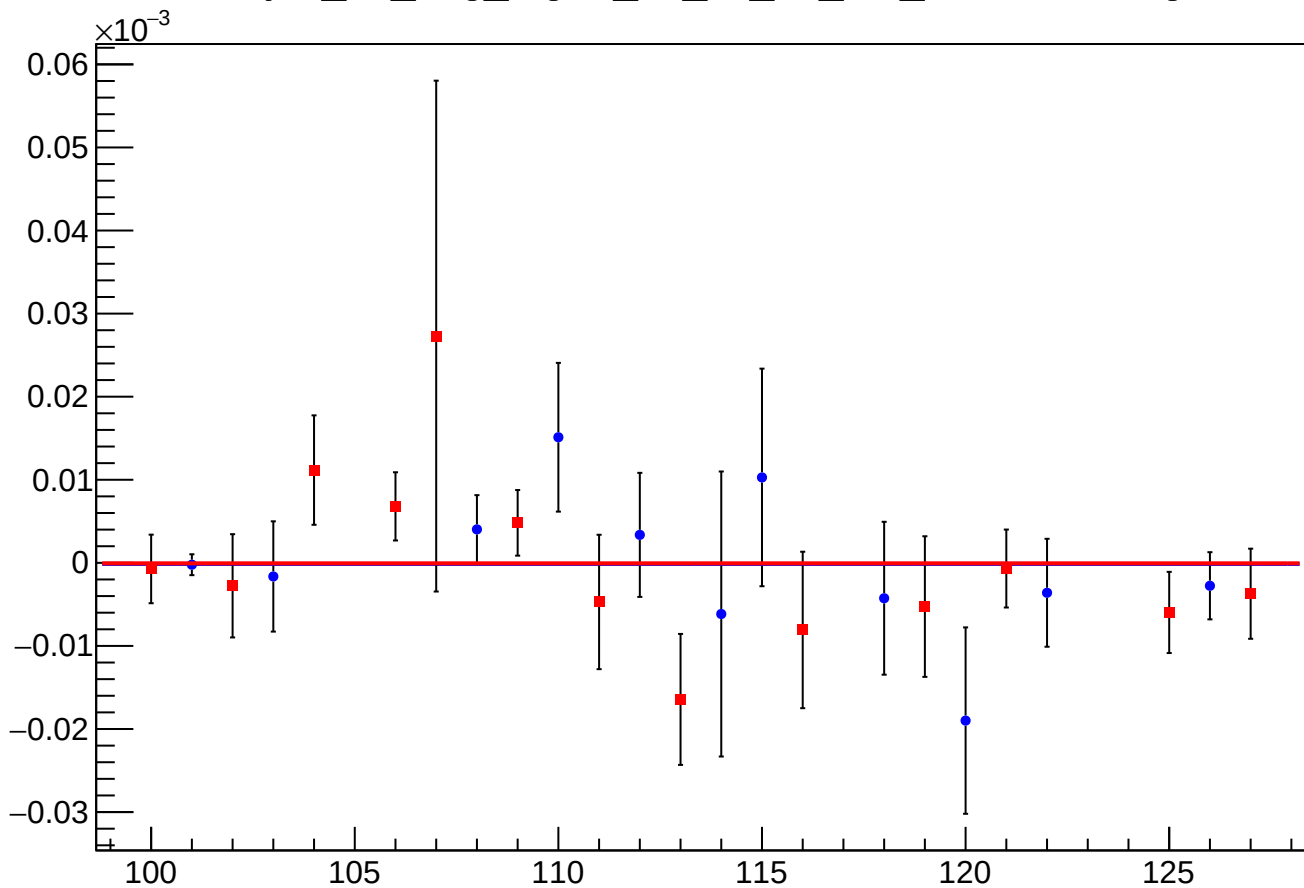
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.519+/-0.018 χ^2/NDF : 588196.2/23

- sign 0.000+/-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: 8.7/10

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.9/12

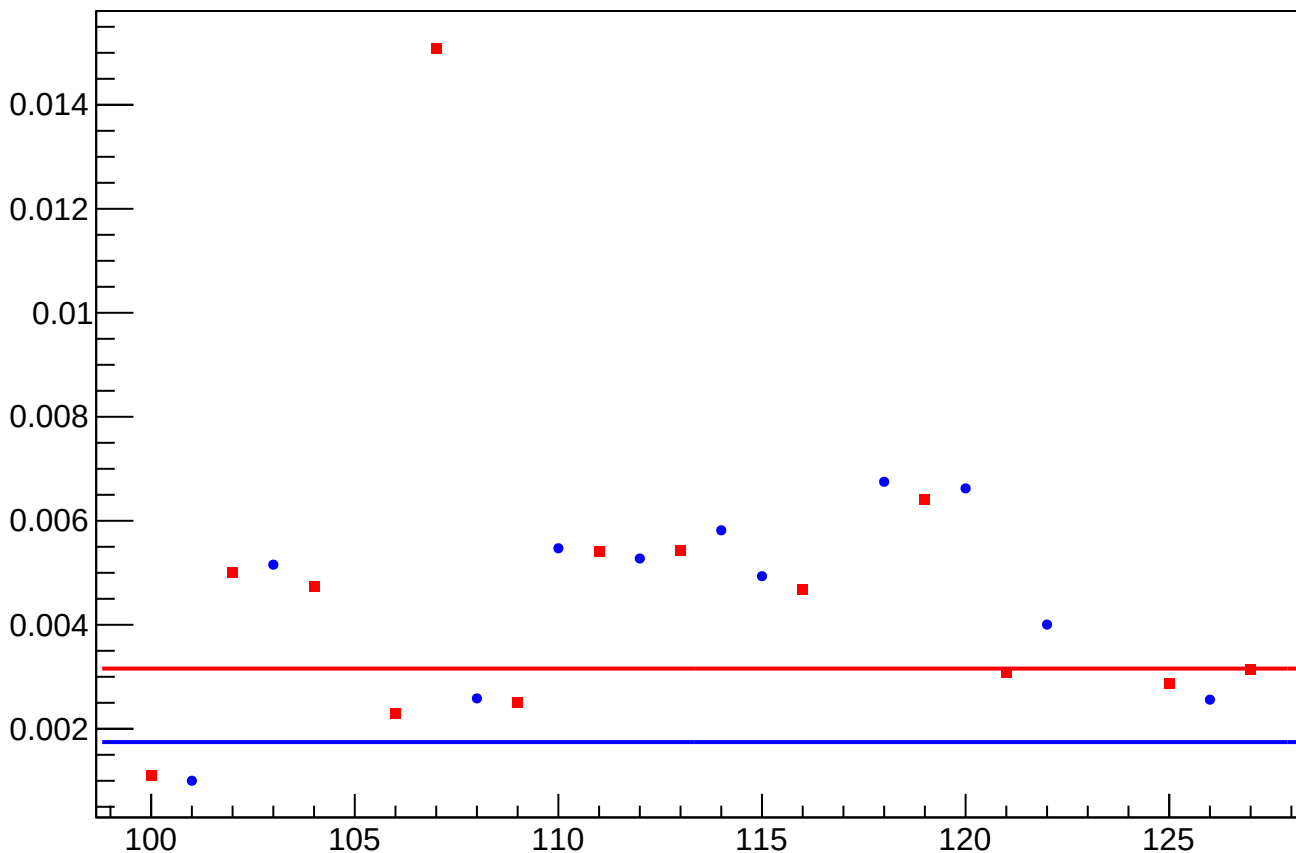
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 24.6/23

- 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 : 3630786.7/10

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

Right Out: 0.003+/-0.000 χ^2/NDF : 1903553.4/12

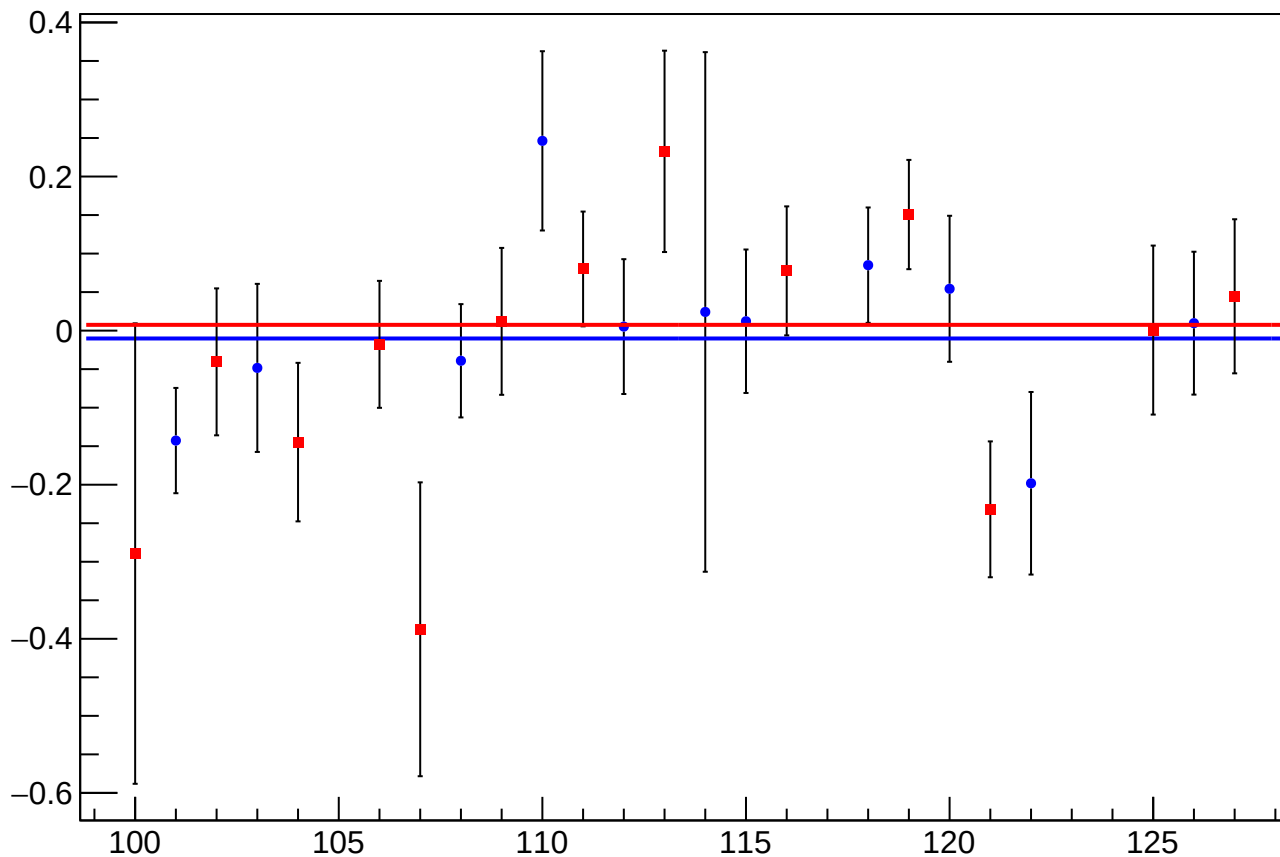
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6644261.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.010 ± 0.028 χ^2/NDF : 13.6/10

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

Right Out: 0.007 ± 0.027 χ^2/NDF : 24.0/12

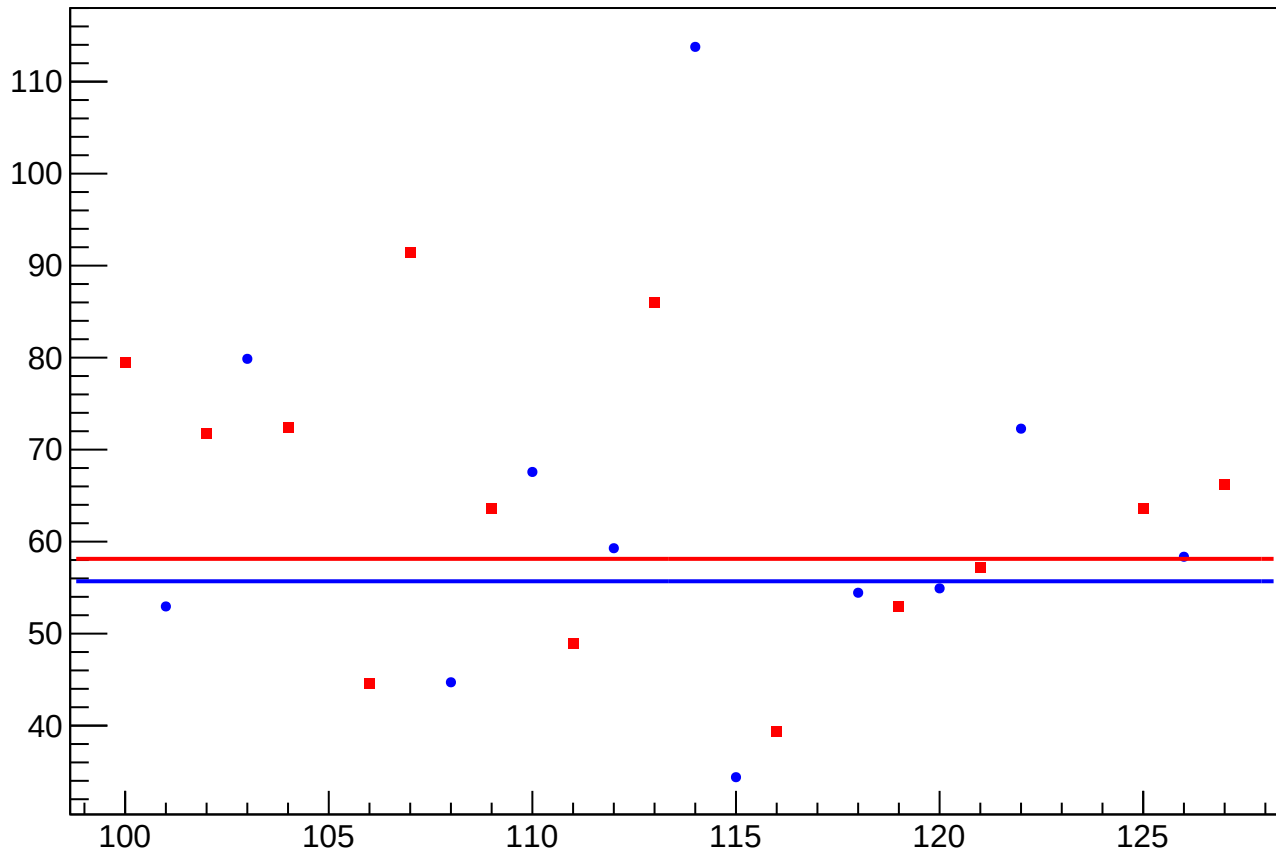
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.001 ± 0.019 χ^2/NDF : 37.9/23

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 55.691+/-0.020 χ^2/NDF : 375808.7/10

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

Right Out: 58.127+/-0.019 χ^2/NDF : 461321.1/12

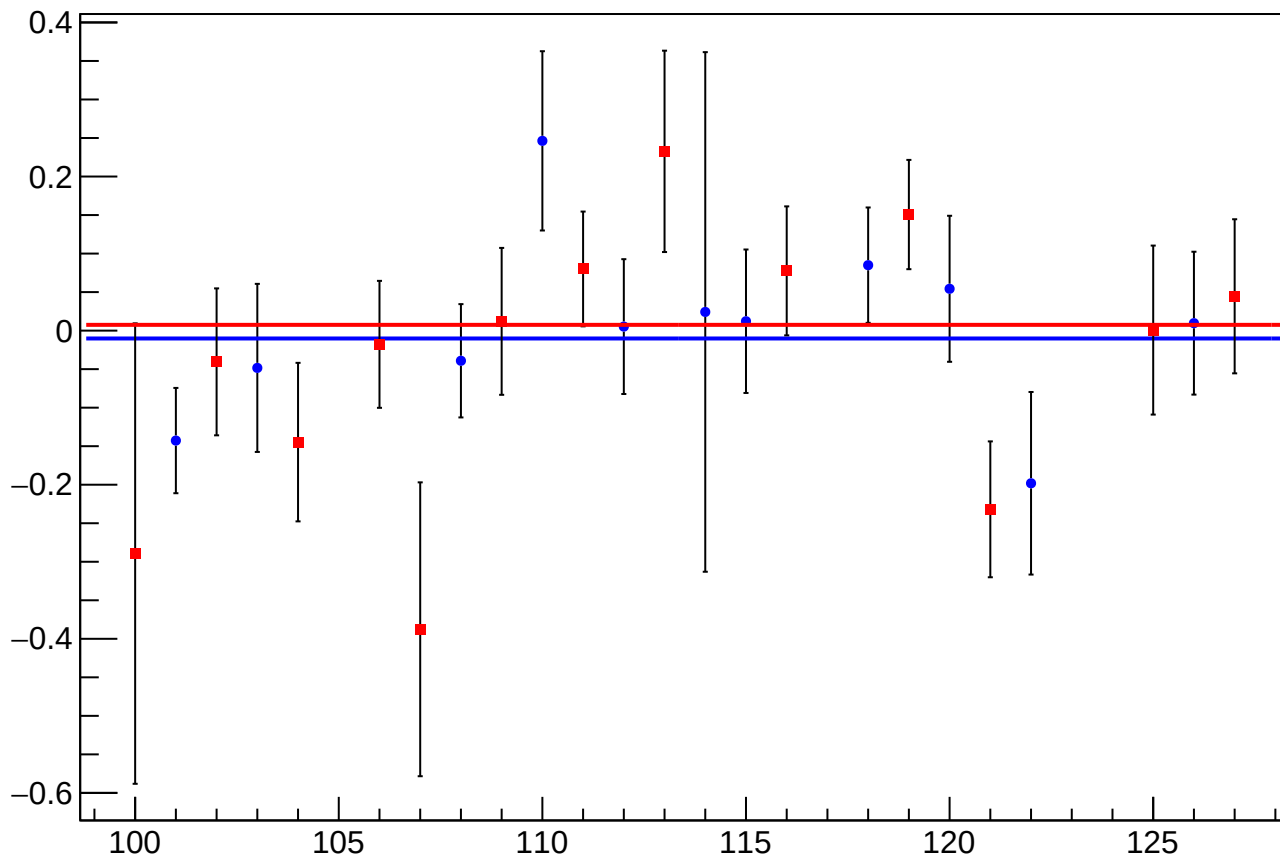
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.956+/-0.014 χ^2/NDF : 845075.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.010+/-0.028 χ^2/NDF : 13.6/10

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

Right Out: 0.007+/-0.027 χ^2/NDF : 24.0/12

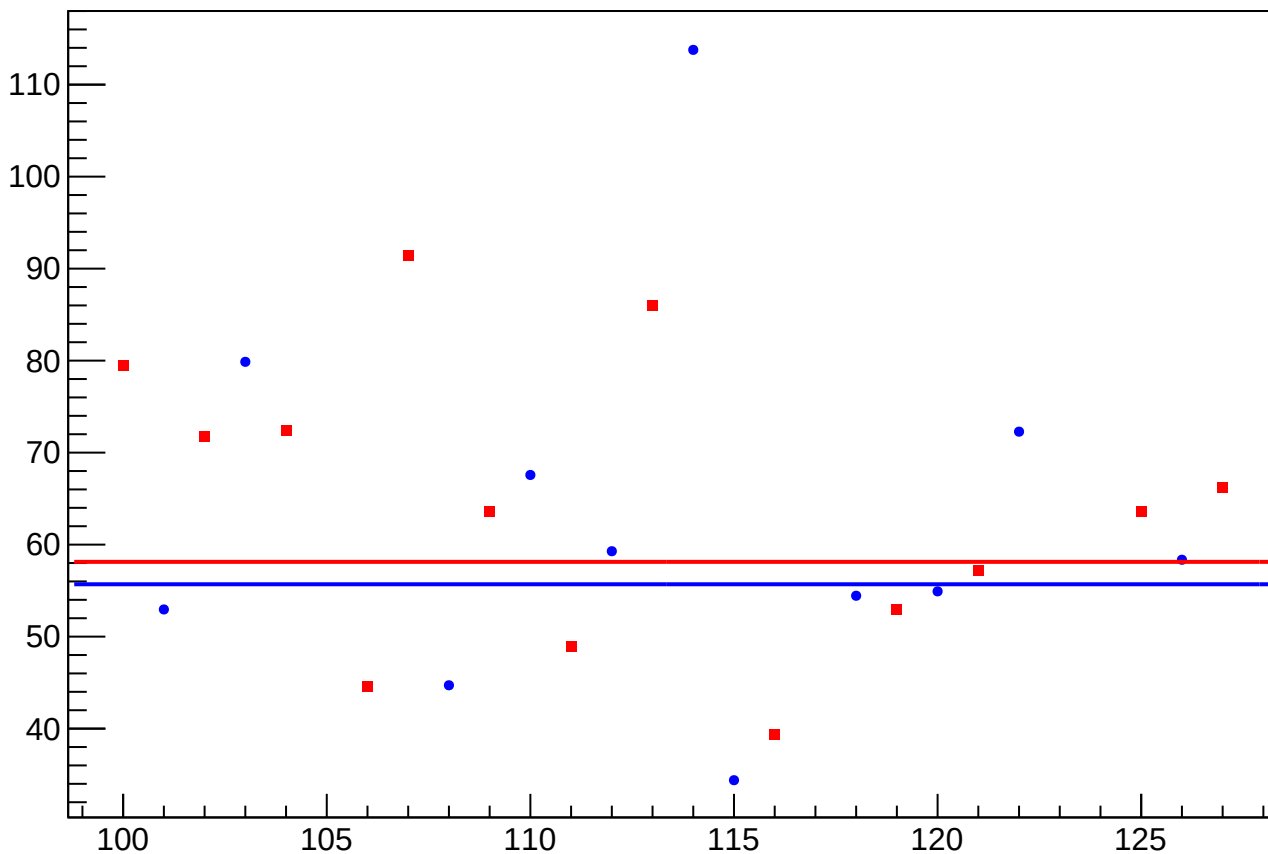
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.019 χ^2/NDF : 37.9/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 55.691+/-0.020 χ^2/NDF : 375808.7/10

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

Right Out: 58.127+/-0.019 χ^2/NDF : 461321.1/12

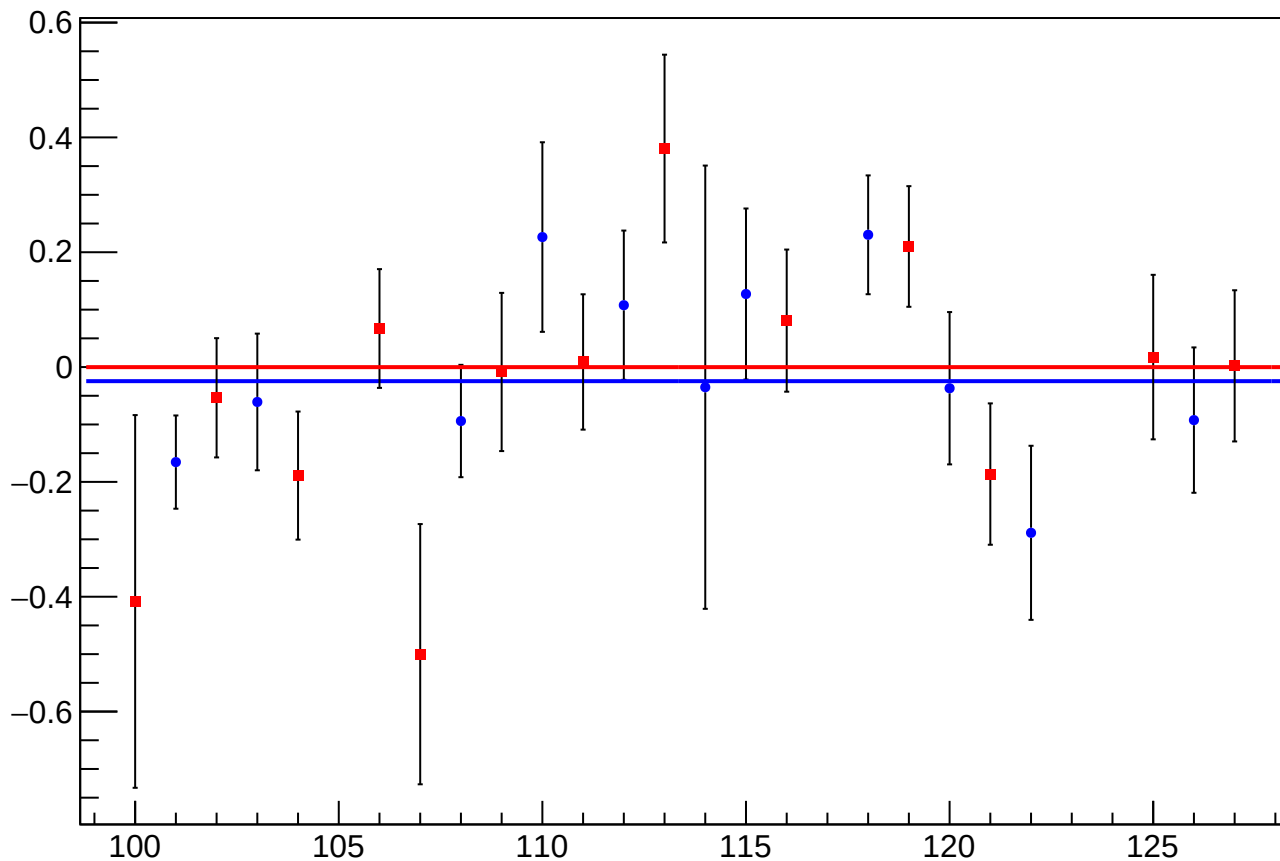
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.956+/-0.014 χ^2/NDF : 845075.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_dit_vs_overload_cor_diff_mean vs Slug



Right In: -0.025+/-0.037 χ^2/NDF : 17.4/10

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

Right Out: -0.000+/-0.036 χ^2/NDF : 22.2/12

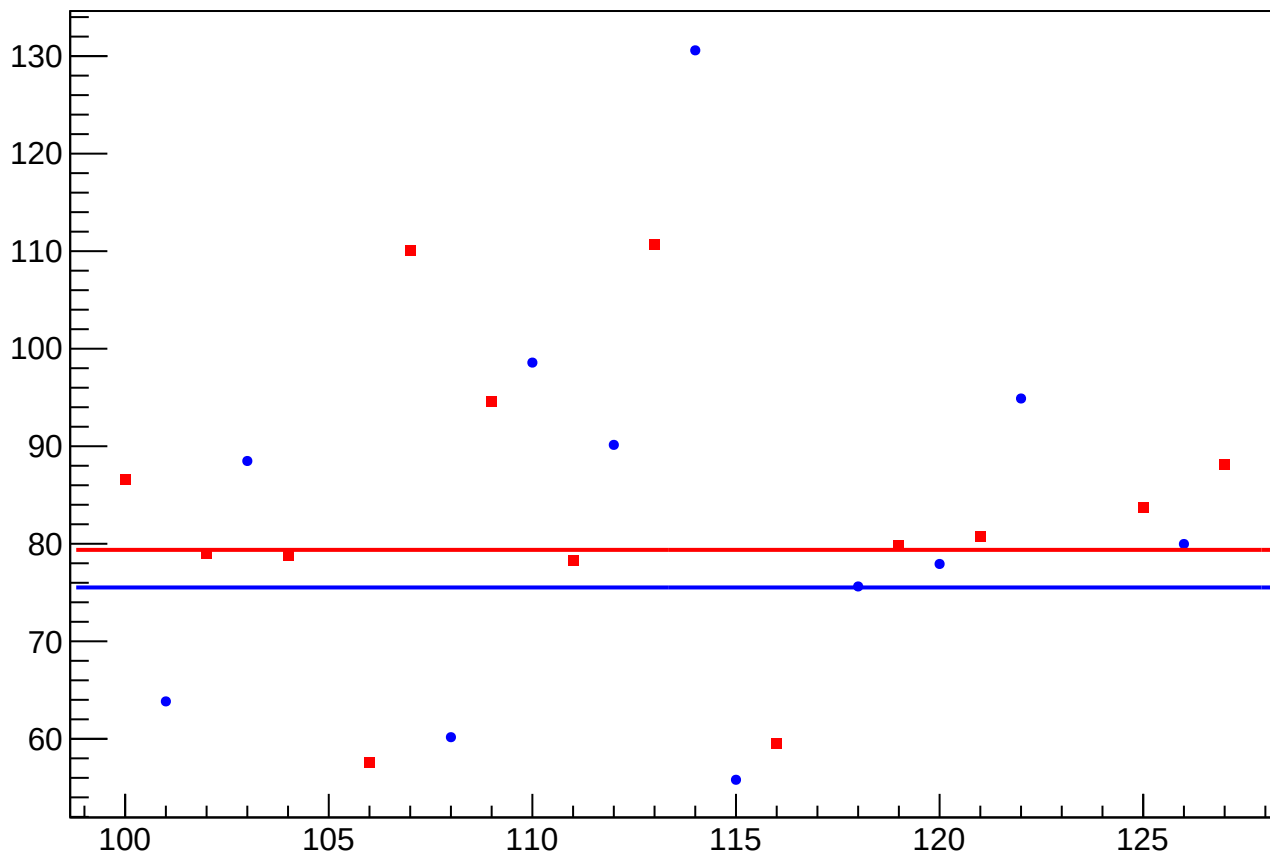
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.012+/-0.026 χ^2/NDF : 39.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_dit_vs_overload_cor_diff_rms vs Slug



Right In: 75.521+/-0.026 χ^2/NDF : 290230.4/10

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

Right Out: 79.374+/-0.025 χ^2/NDF : 286714.3/12

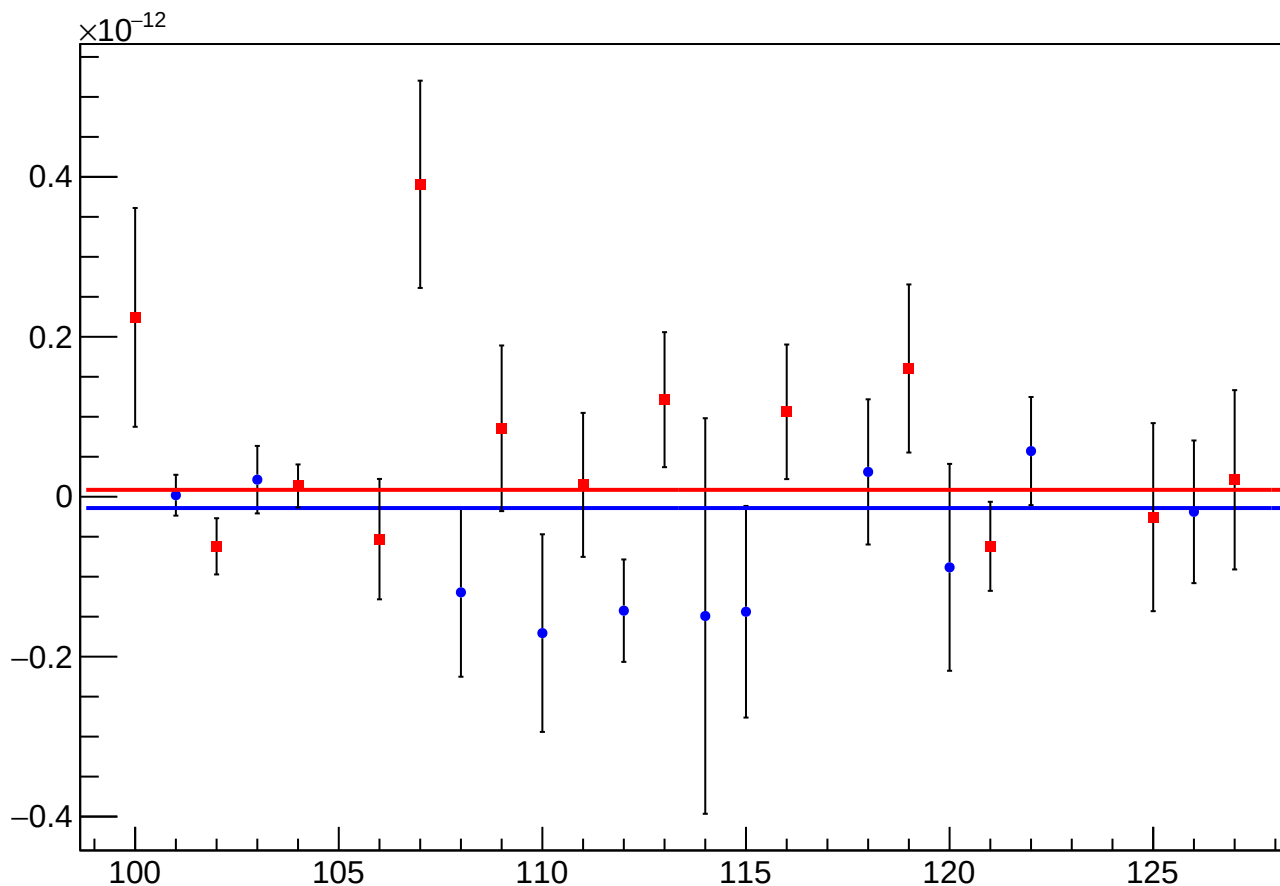
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.518+/-0.018 χ^2/NDF : 588186.7/23

- sign 0.000+/-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 : 10.7/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 23.4/12

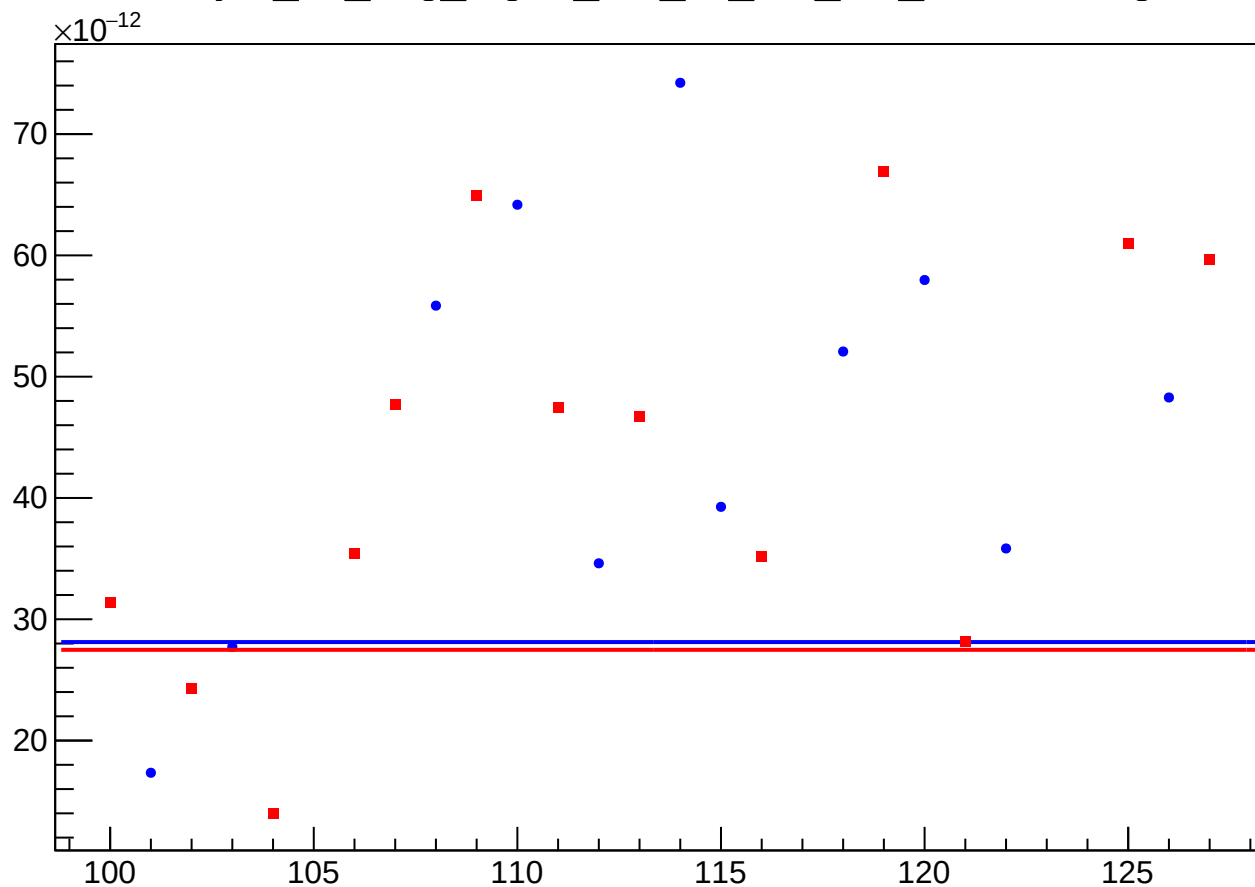
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 34.9/23

- 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 : 1142684.1/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1683597.9/12

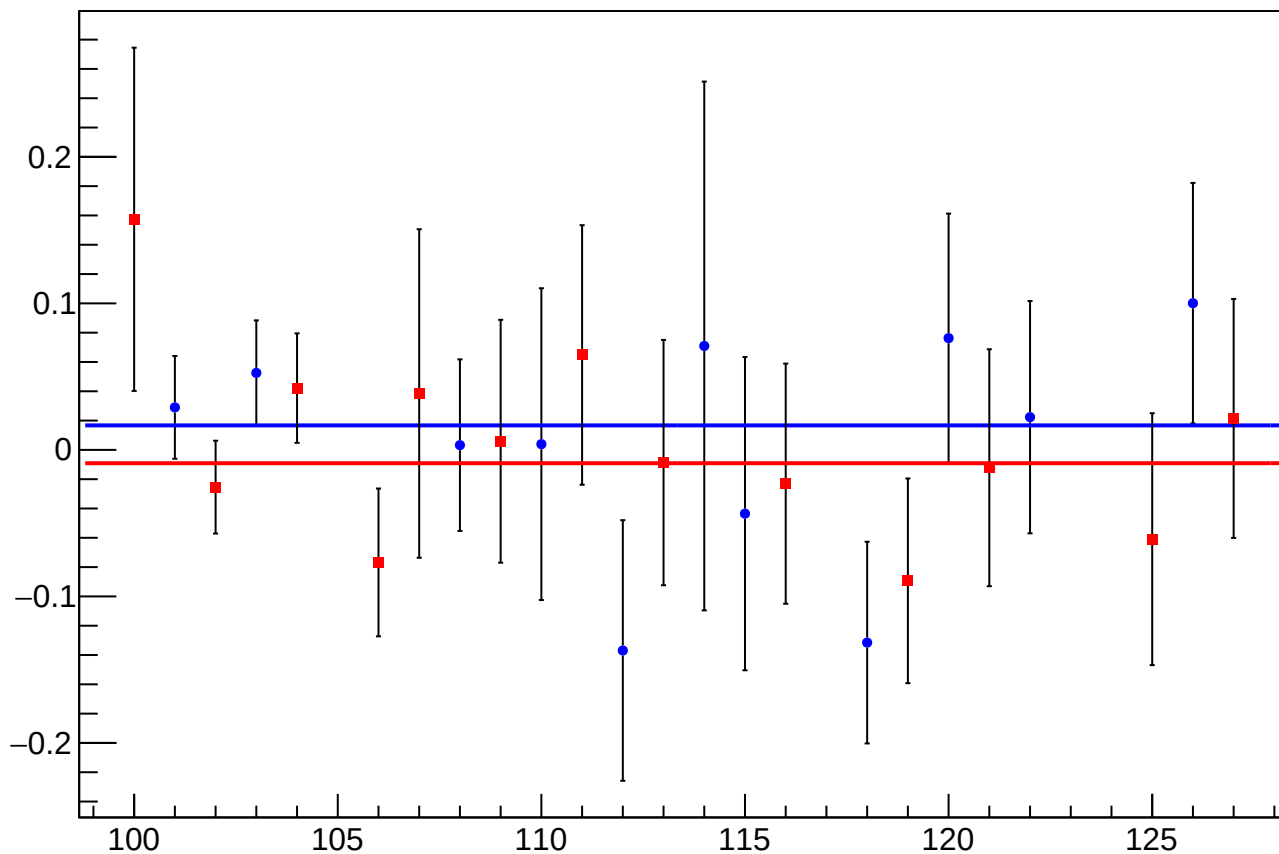
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2827635.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_overload_cor_vs_cor_diff_mean vs Slug



Right In: 0.017 $\pm$ 0.019 χ^2 /NDF: 10.7/10

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

Right Out: -0.009 $\pm$ 0.017 χ^2 /NDF: 8.7/12

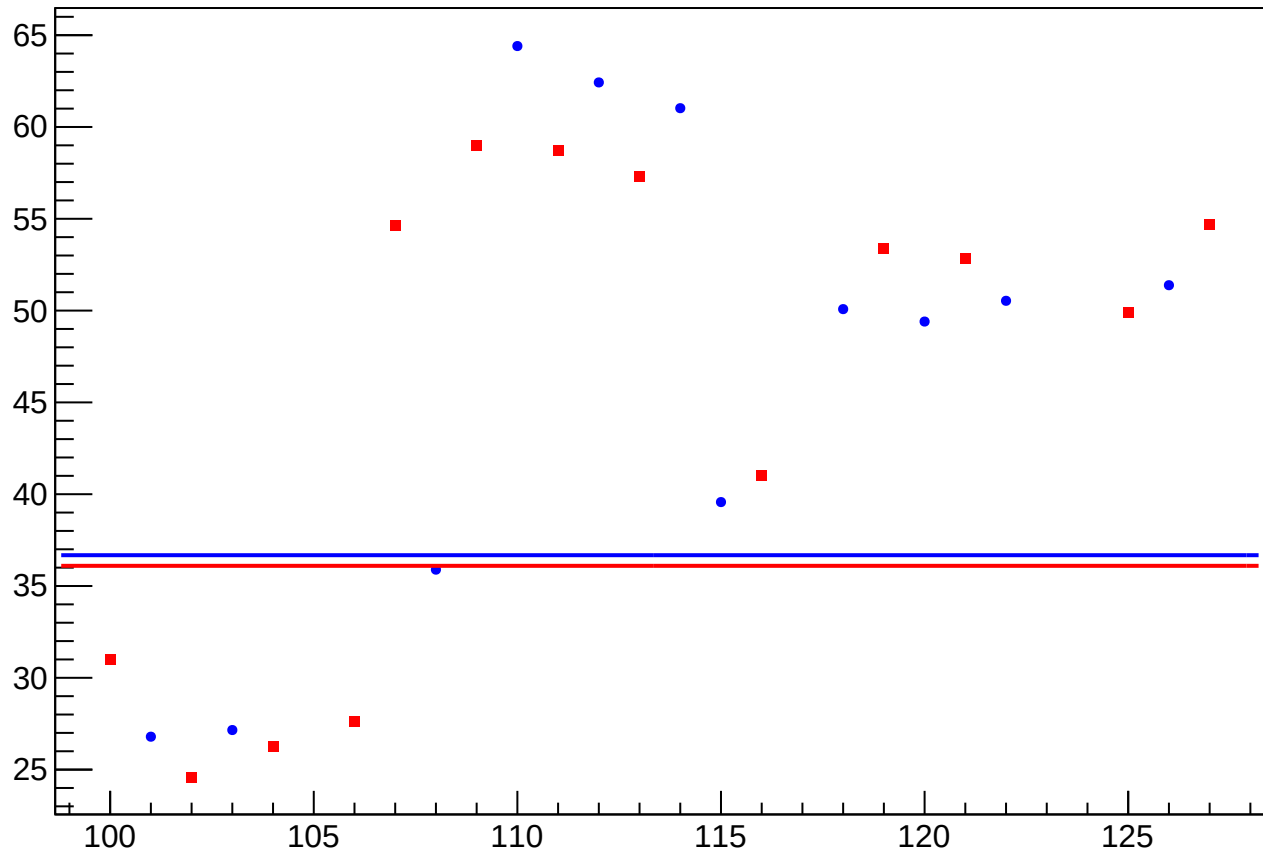
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.003 $\pm$ 0.013 χ^2 /NDF: 20.5/23

- 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: 36.678+/-0.013 χ^2/NDF : 887798.0/10

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

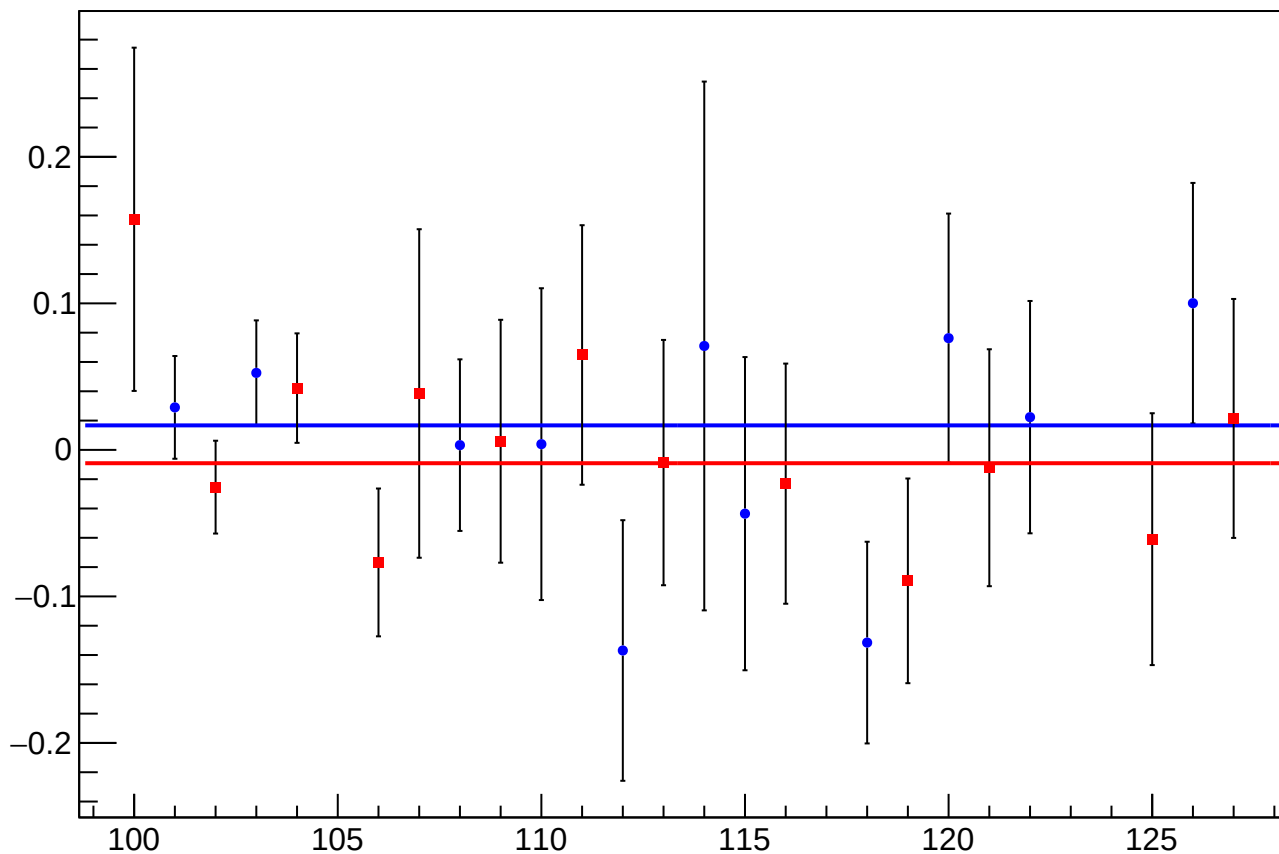
Right Out: 36.099+/-0.012 χ^2/NDF : 1300584.8/12

All: 36.361+/-0.009 χ^2/NDF : 2189436.4/23

- 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_overload_cor_vs_eigen_cor_diff_mean vs Slug



Right In: 0.017 $\pm$ 0.019 χ^2 /NDF: 10.7/10

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

Right Out: -0.009 $\pm$ 0.017 χ^2 /NDF: 8.7/12

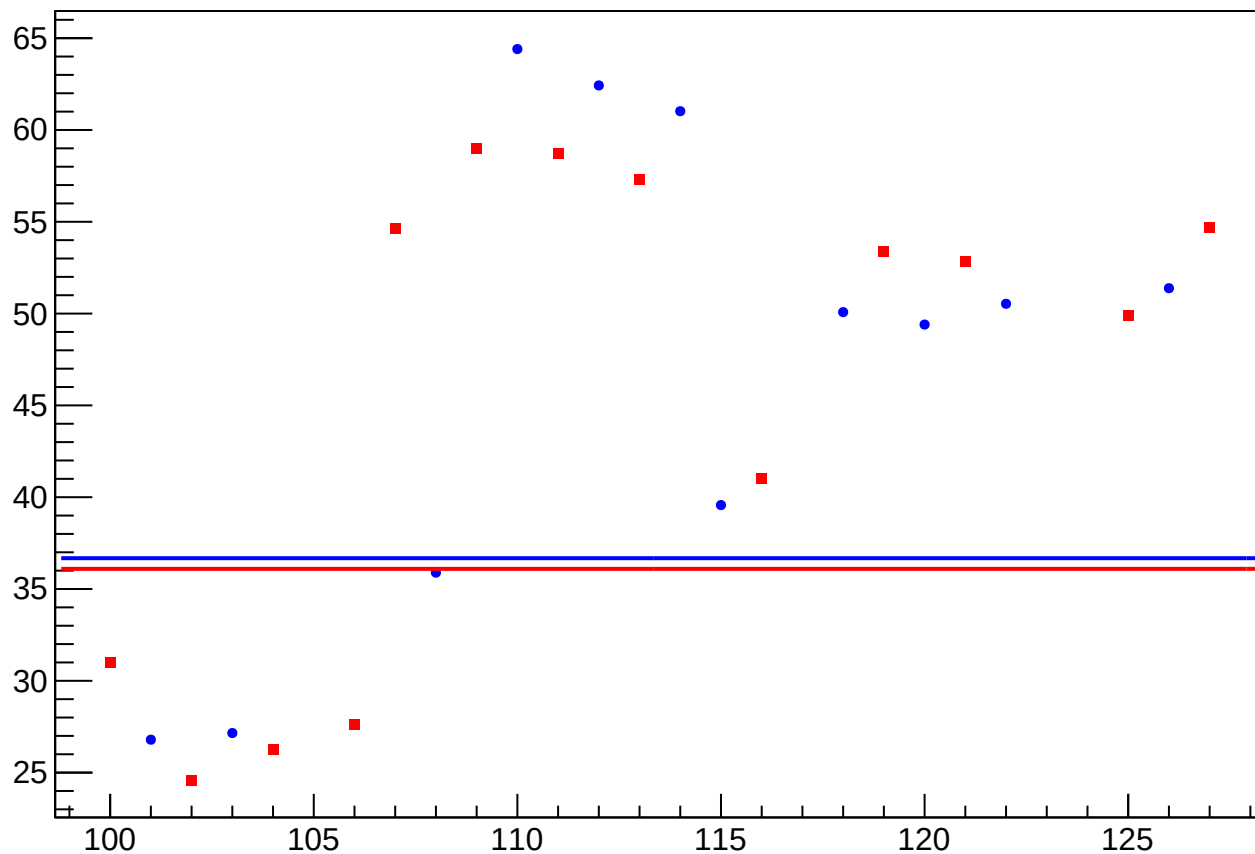
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.003 $\pm$ 0.013 χ^2 /NDF: 20.5/23

- 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: 36.678+/-0.013 χ^2/NDF : 887798.0/10

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

Right Out: 36.099+/-0.012 χ^2/NDF : 1300584.8/12

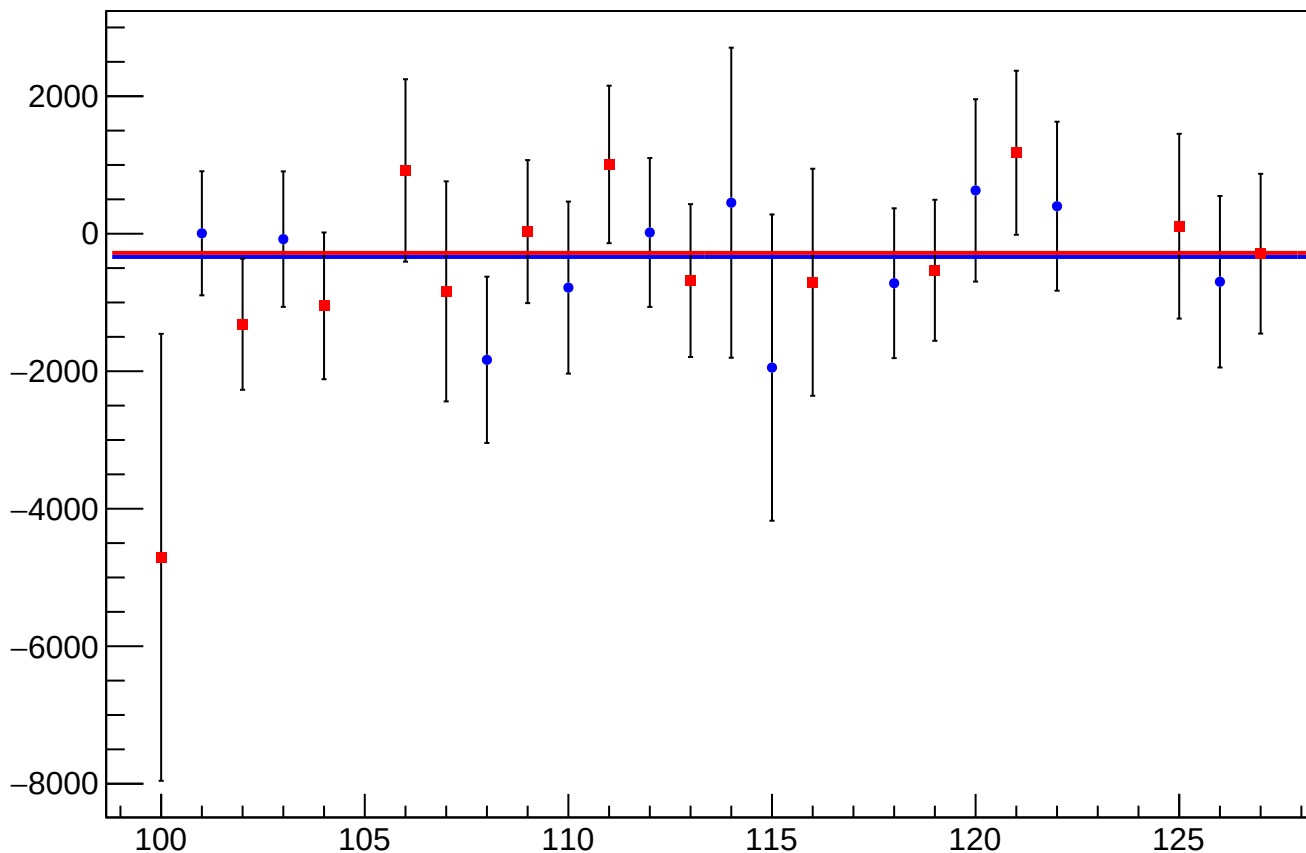
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.361+/-0.009 χ^2/NDF : 2189436.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_mean vs Slug



Right In: -337.811+/-363.963 χ^2/NDF : 3.7/10

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

Right Out: -278.940+/-336.303 χ^2/NDF : 7.7/12

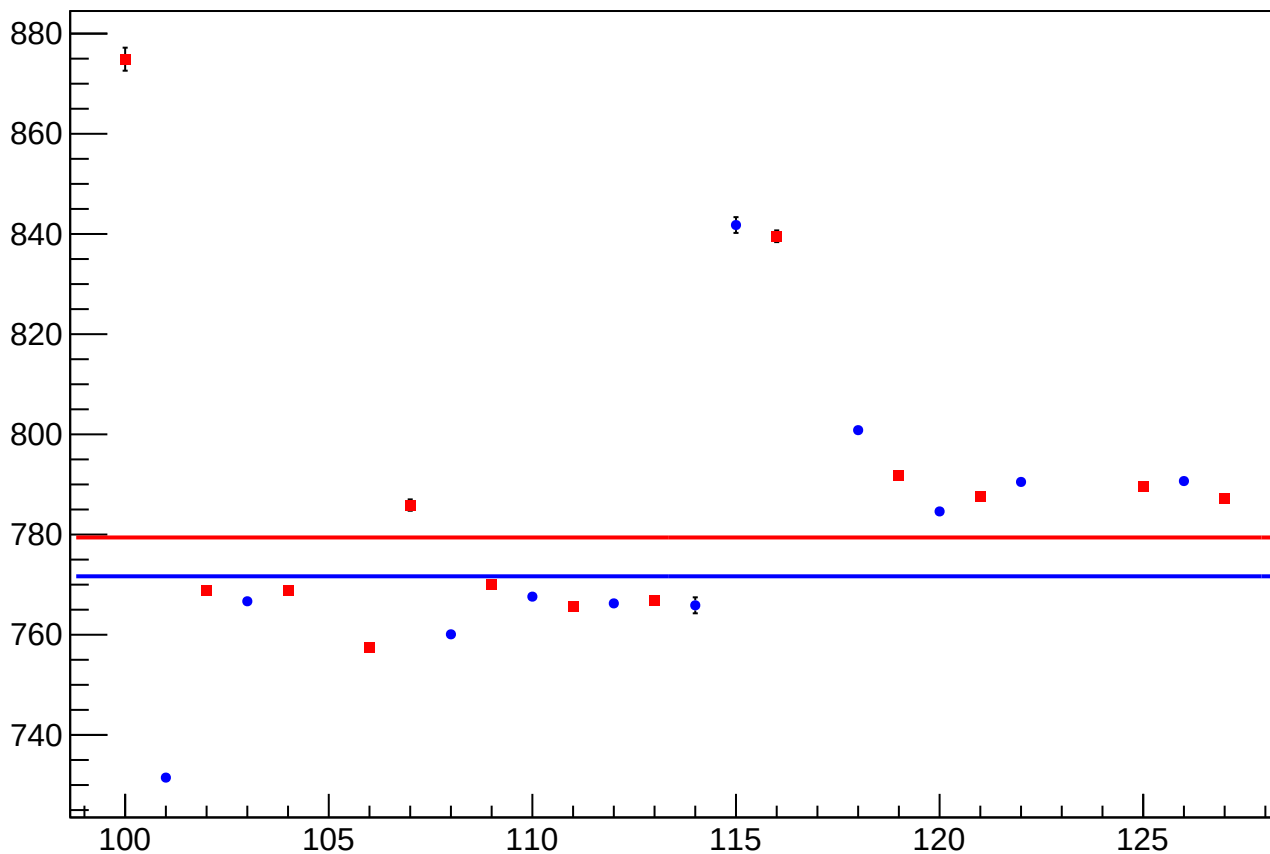
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -306.054+/-247.003 χ^2/NDF : 11.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_rms vs Slug



Right In: 771.665 $\pm$ 0.257 χ^2 /NDF: 8829.1/10

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

Right Out: 779.417 $\pm$ 0.238 χ^2 /NDF: 6694.7/12

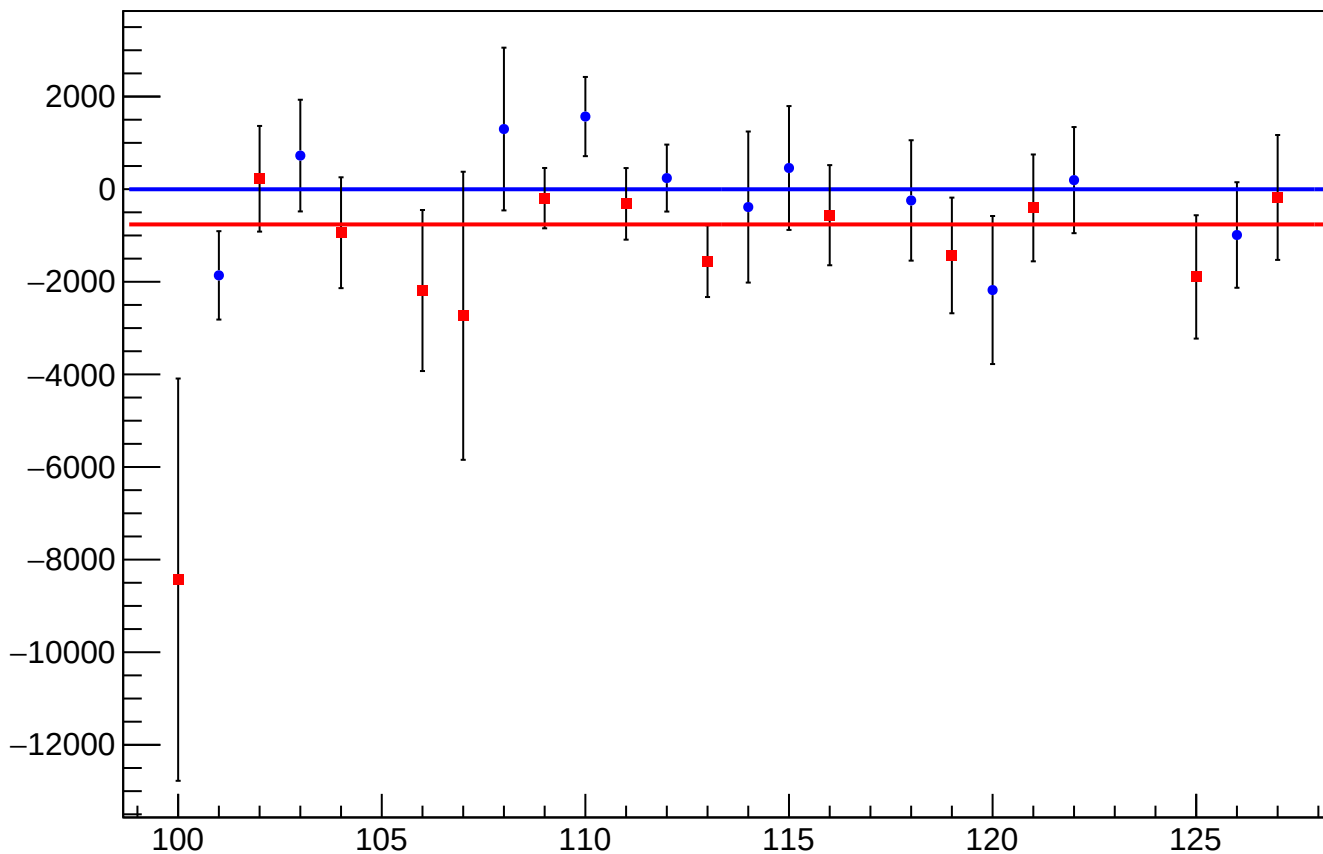
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 775.847 $\pm$ 0.175 χ^2 /NDF: 16013.2/23

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

asym_us_dd_reg_correction_mean vs Slug



Right In: -2.240+/-336.379 χ^2/NDF : 11.0/10

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

Right Out: -761.299+/-301.421 χ^2/NDF : 8.4/12

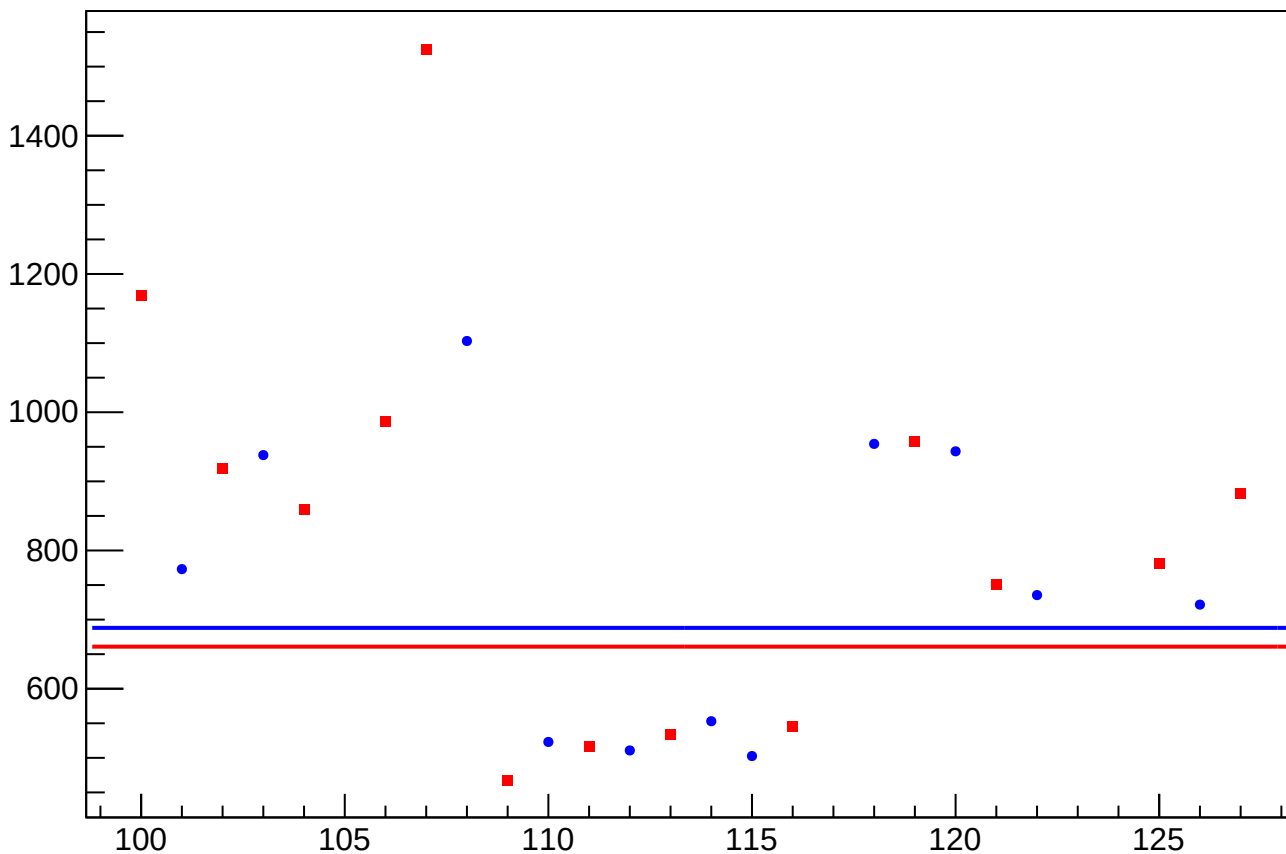
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -423.249+/-224.482 χ^2/NDF : 22.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_reg_correction_rms vs Slug



Right In: 688.031+/-0.238 χ^2/NDF : 600277.5/10

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

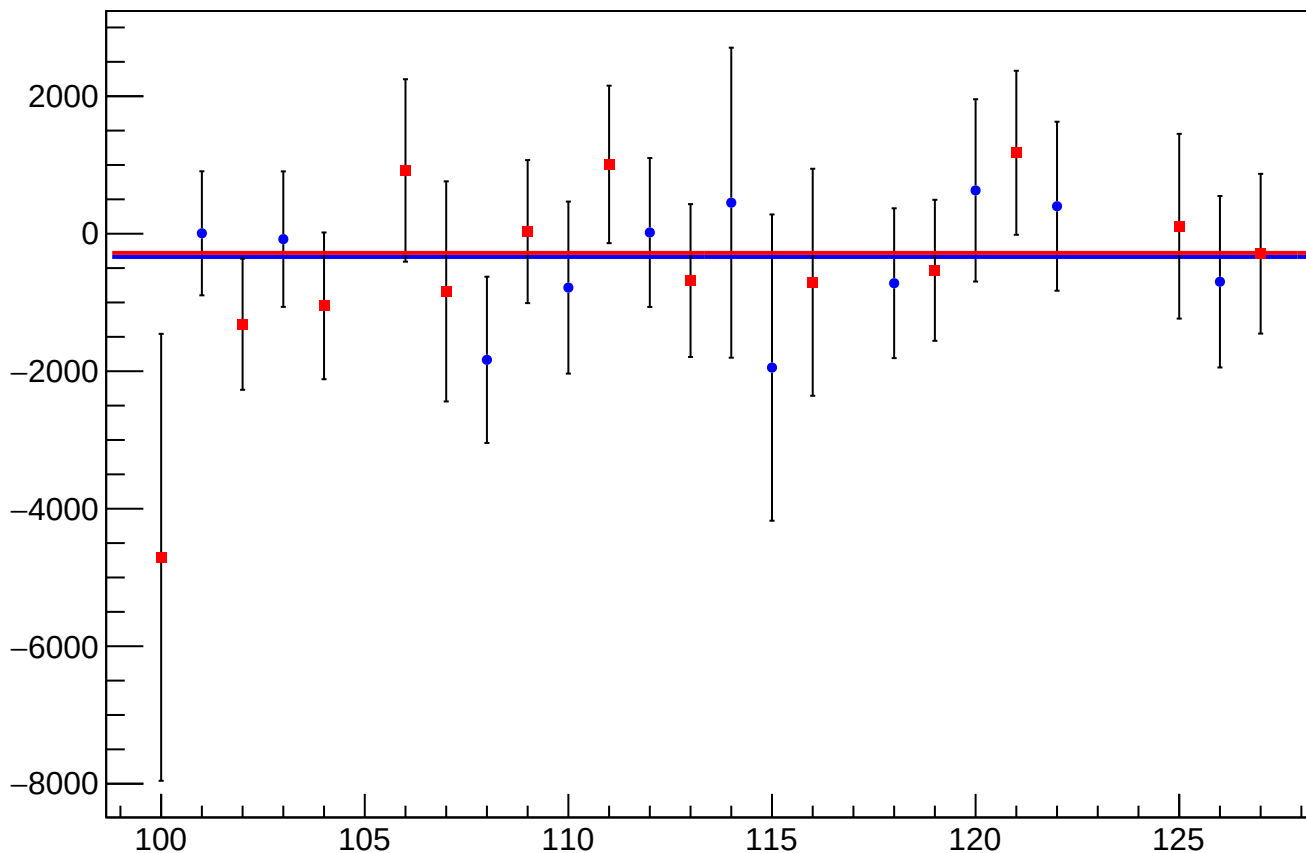
Right Out: 660.869+/-0.213 χ^2/NDF : 928136.1/12

All: 672.966+/-0.159 χ^2/NDF : 1535646.6/23

- 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_dd_mean vs Slug



Right In: -337.811+/-363.963 χ^2/NDF : 3.7/10

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

Right Out: -278.940+/-336.303 χ^2/NDF : 7.7/12

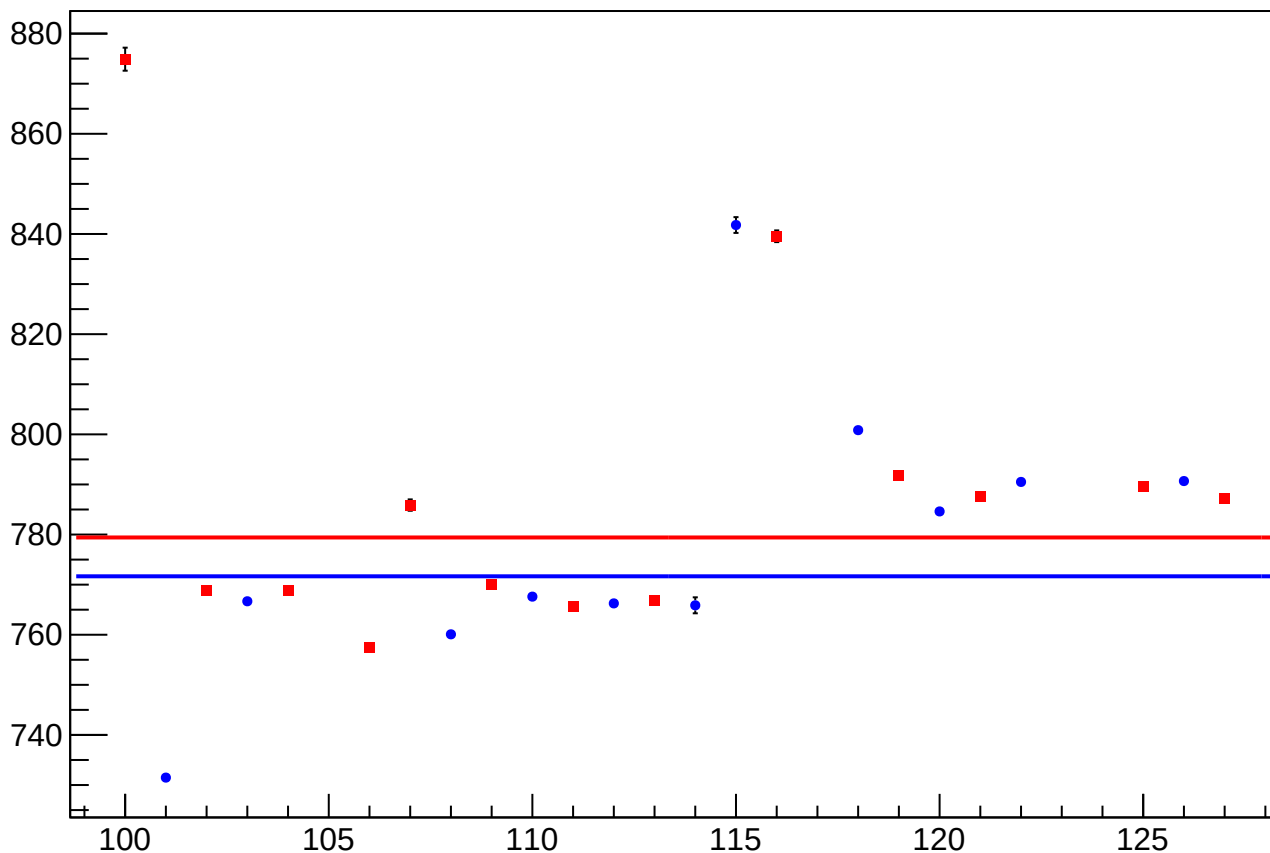
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -306.054+/-247.003 χ^2/NDF : 11.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_rms vs Slug



Right In: 771.665+/-0.257 χ^2/NDF : 8829.1/10

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

Right Out: 779.417+/-0.238 χ^2/NDF : 6694.7/12

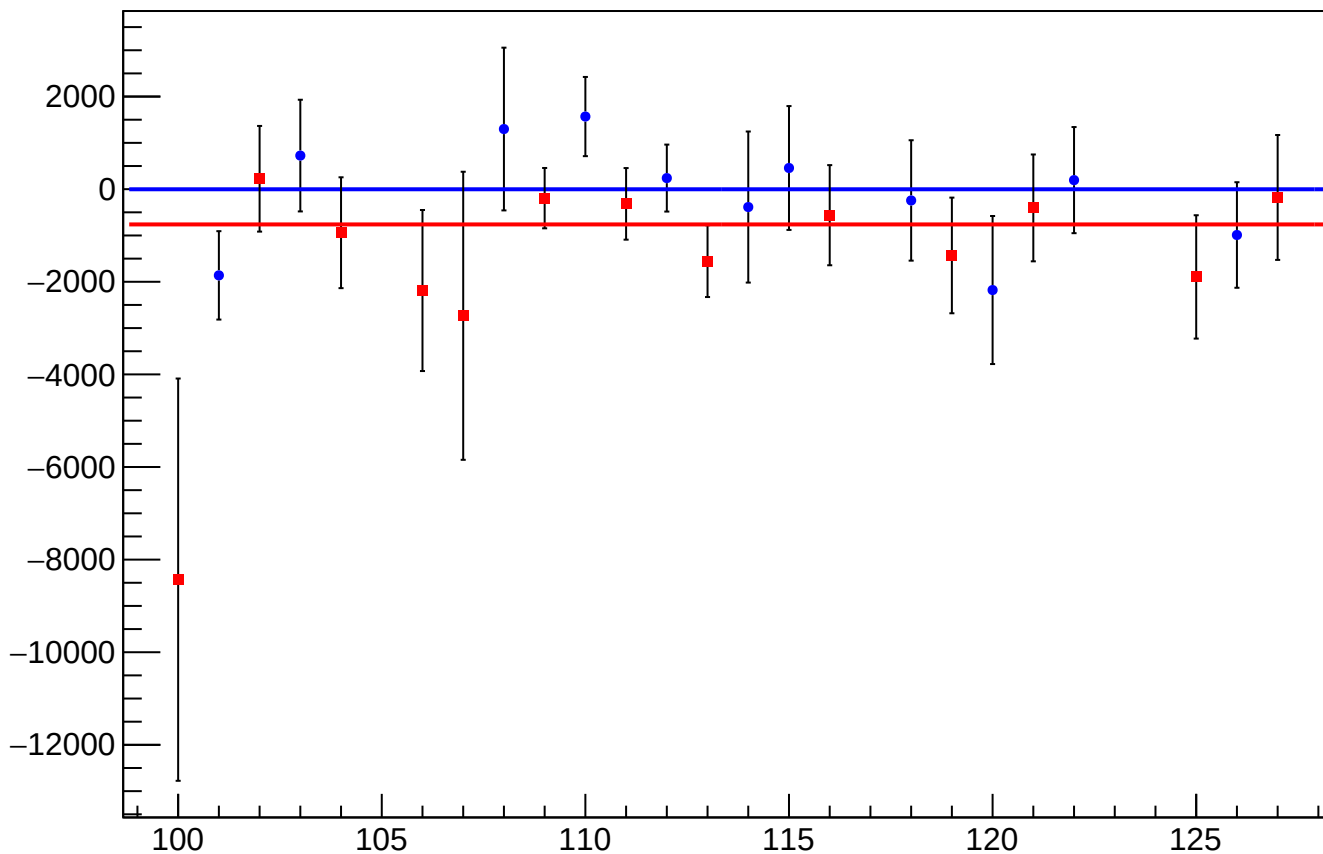
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 775.847+/-0.175 χ^2/NDF : 16013.2/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_cor_correction_mean vs Slug



Right In: -2.240+/-336.379 χ^2 /NDF: 11.0/10

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

Right Out: -761.299+/-301.421 χ^2 /NDF: 8.4/12

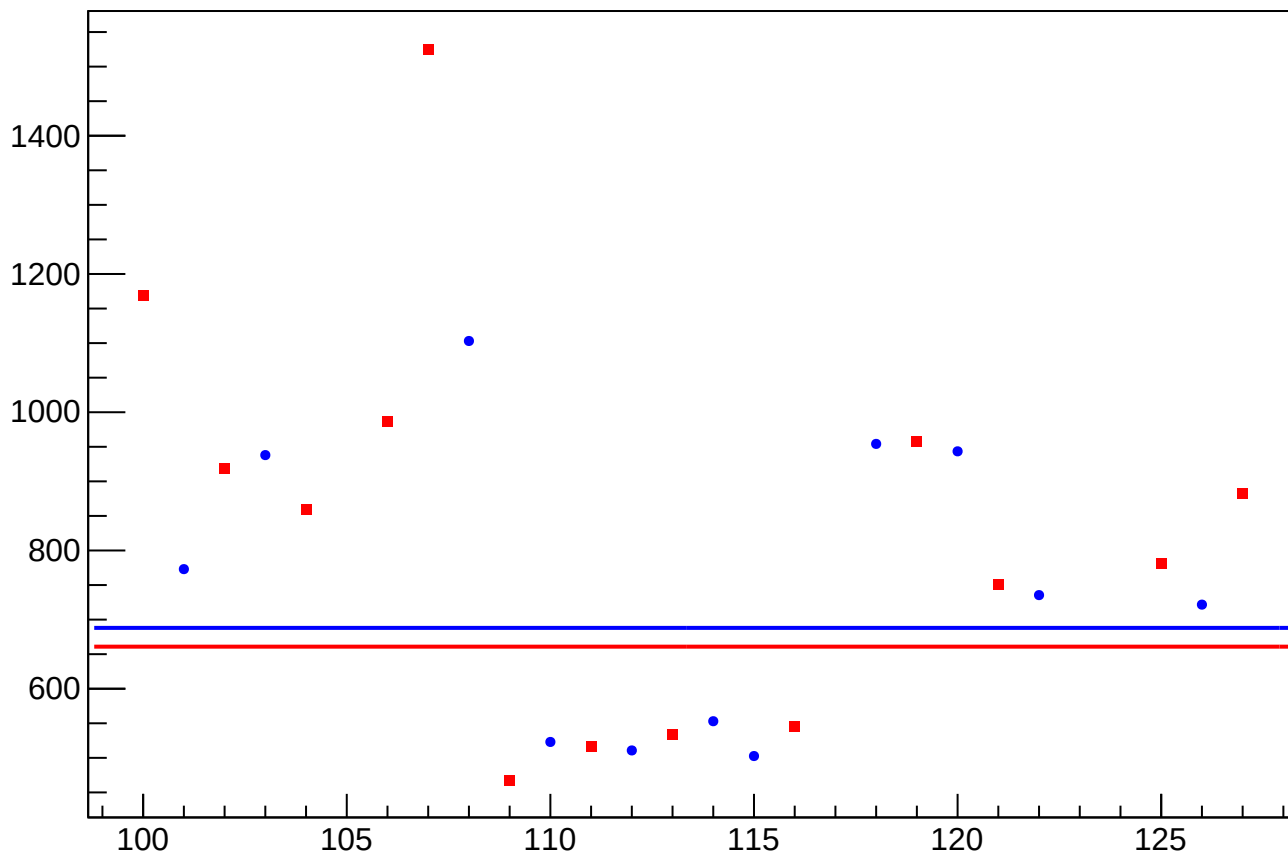
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -423.249+/-224.482 χ^2 /NDF: 22.3/23

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_dd_cor_correction_rms vs Slug



Right In: 688.031+/-0.238 χ^2/NDF : 600277.5/10

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

Right Out: 660.869+/-0.213 χ^2/NDF : 928136.1/12

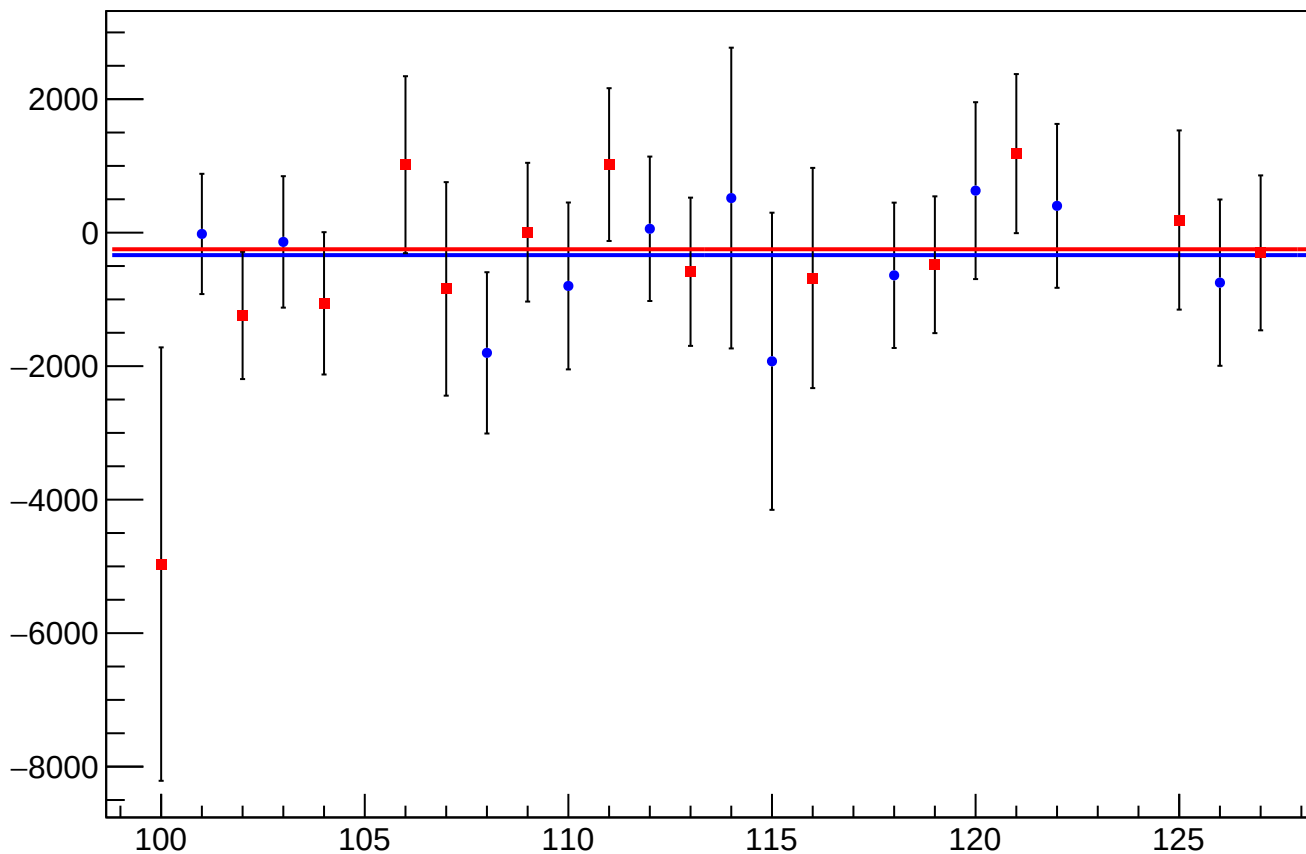
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 672.966+/-0.159 χ^2/NDF : 1535646.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

overload_cor_asym_us_dd_mean vs Slug



Right In: -336.571+/-363.625 χ^2 /NDF: 3.6/10

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

Right Out: -248.618+/-336.016 χ^2 /NDF: 7.9/12

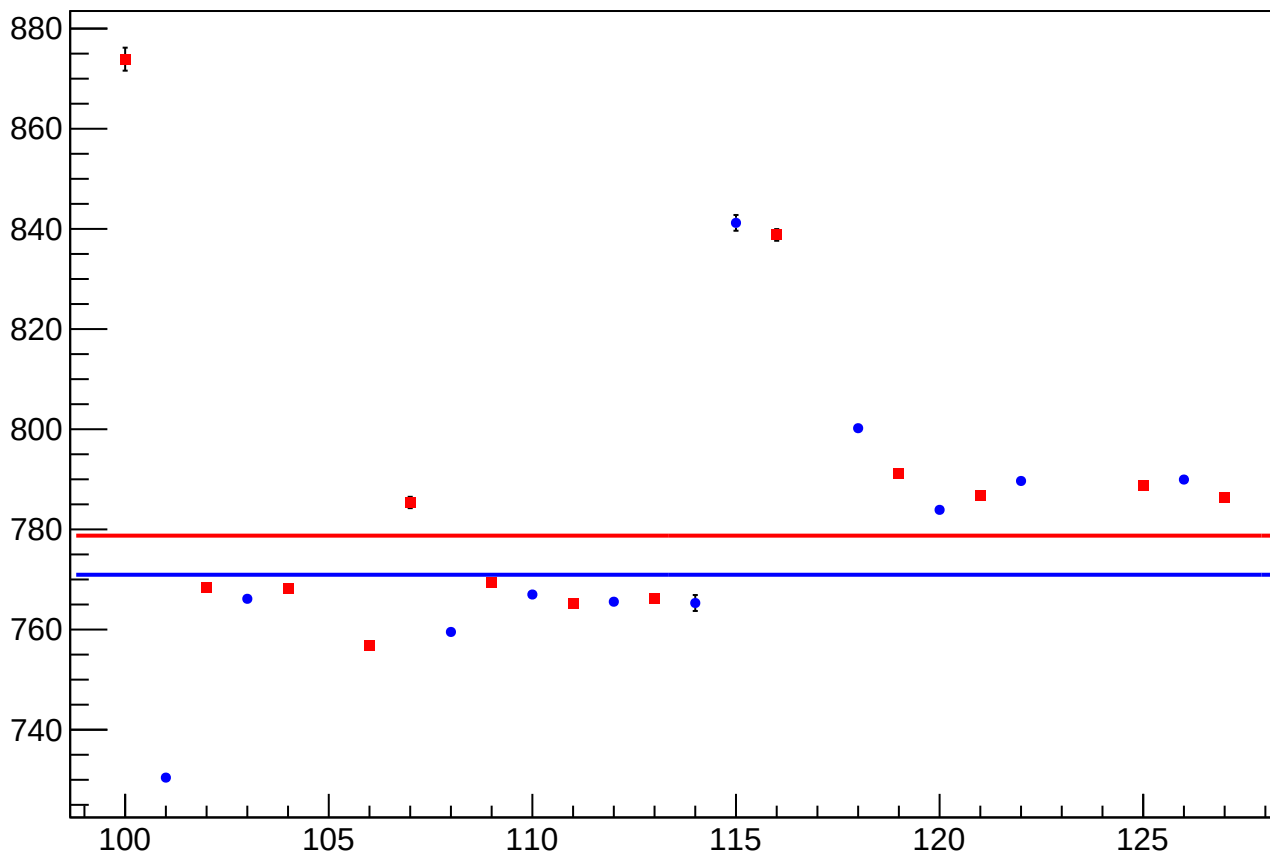
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -289.129+/-246.783 χ^2 /NDF: 11.5/23

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

overload_cor_asym_us_dd_rms vs Slug



Right In: 770.944 $\pm$ 0.257 χ^2 /NDF: 8912.4/10

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

Right Out: 778.753 $\pm$ 0.238 χ^2 /NDF: 6666.6/12

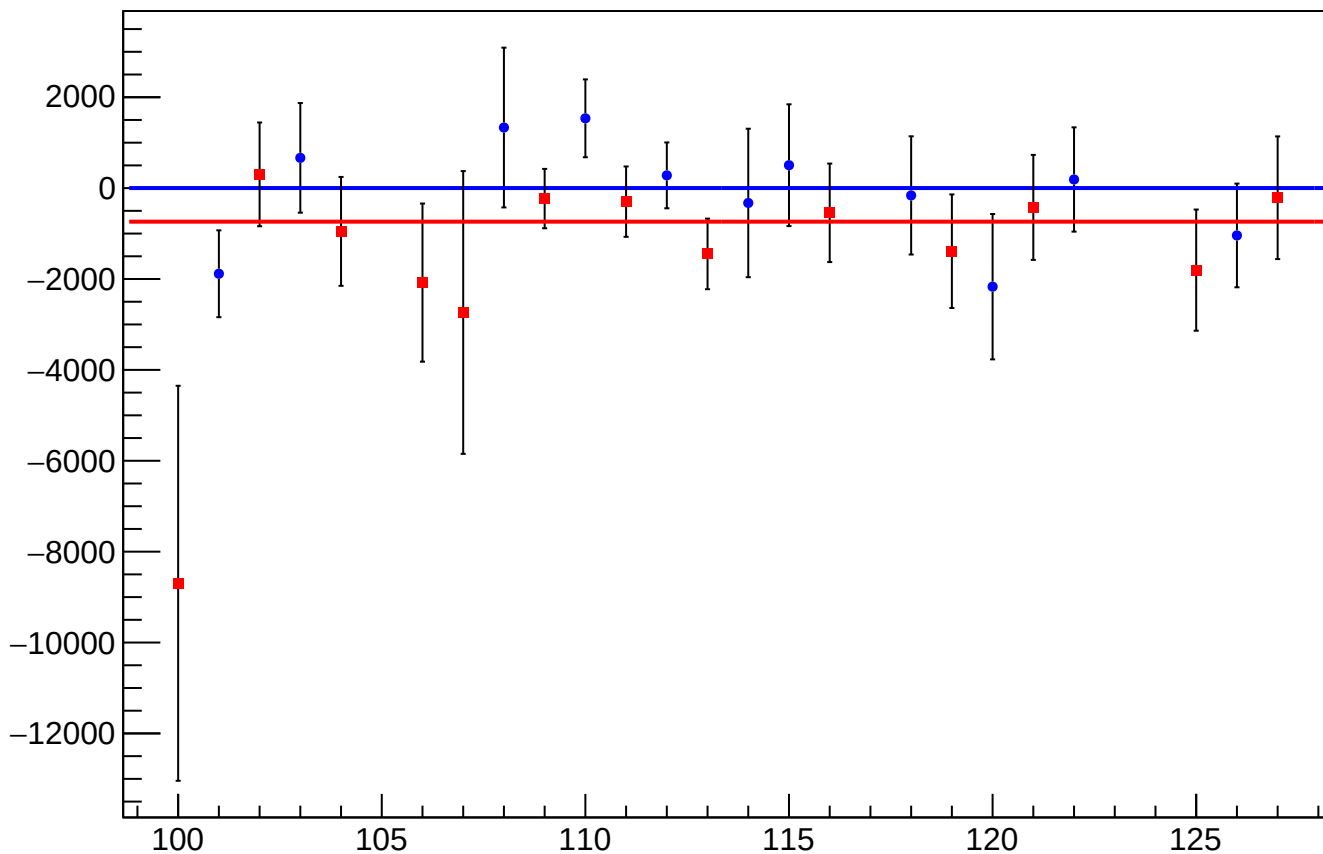
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 775.156 $\pm$ 0.175 χ^2 /NDF: 16076.6/23

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

asym_us_dd_overload_cor_correction_mean vs Slug



Right In: 1.619+/-336.845 χ^2/NDF : 11.0/10

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

Right Out: -738.095+/-301.879 χ^2/NDF : 8.2/12

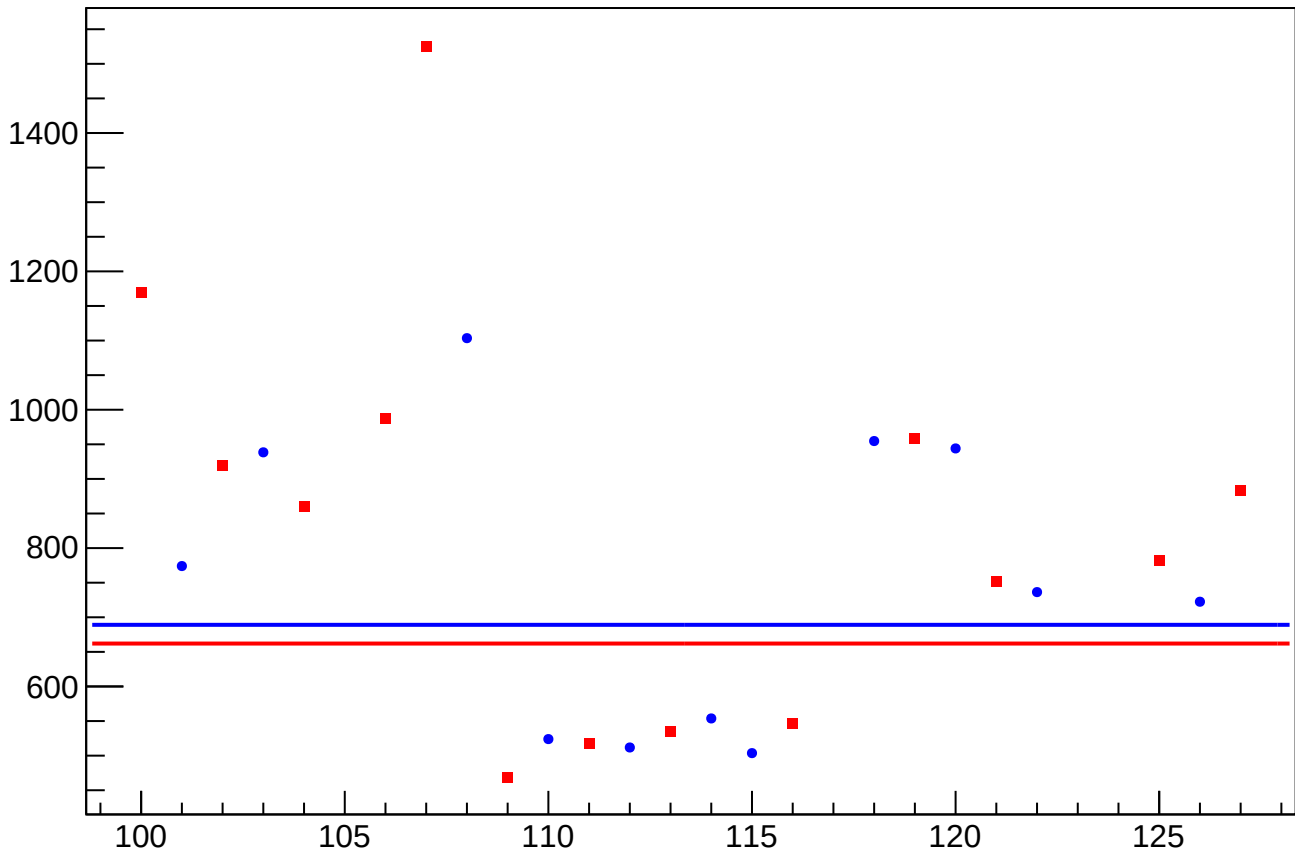
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -408.611+/-224.810 χ^2/NDF : 21.9/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_overload_cor_correction_rms vs Slug



Right In: 689.093+/-0.238 χ^2/NDF : 597819.7/10

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

Right Out: 662.028+/-0.213 χ^2/NDF : 924351.4/12

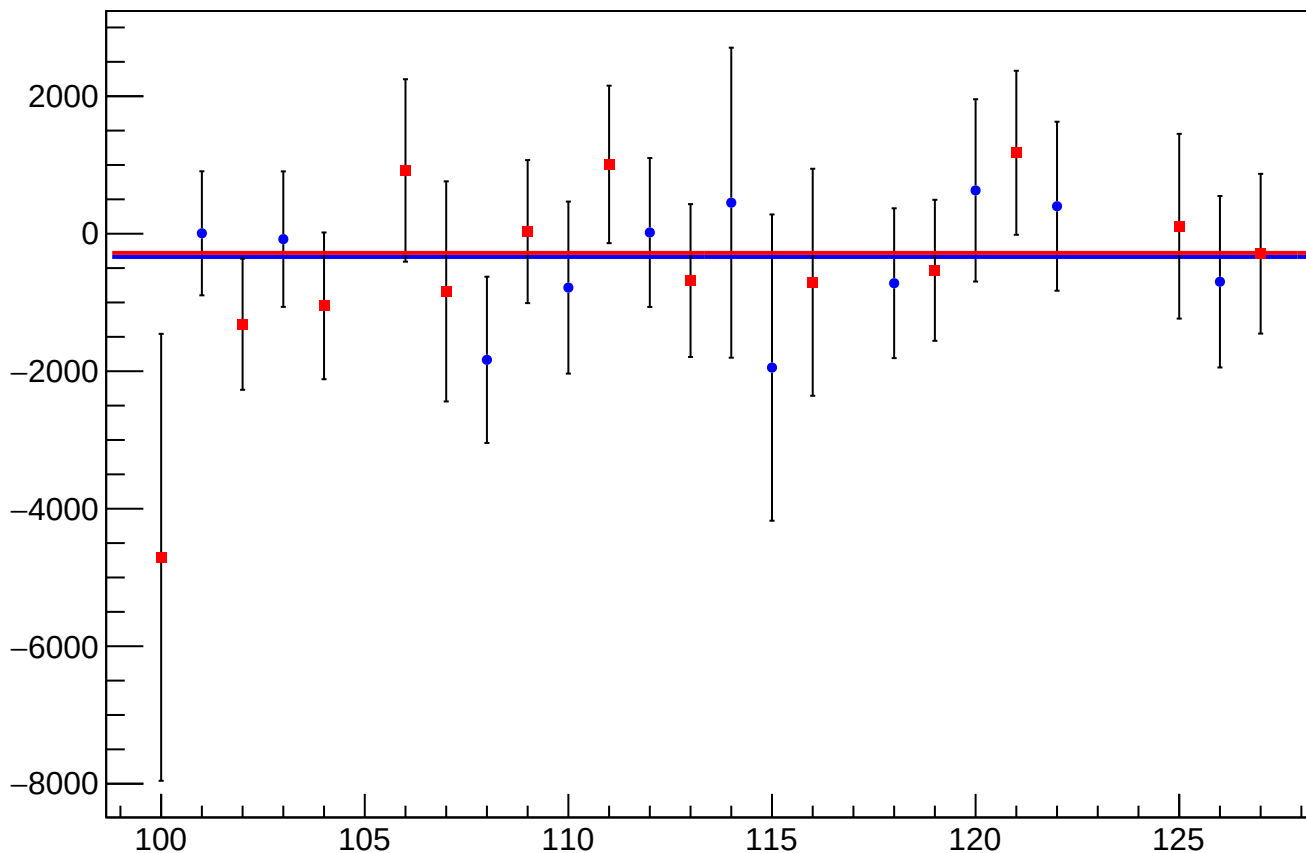
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 674.083+/-0.159 χ^2/NDF : 1529331.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_mean vs Slug



Right In: -337.811 ± 363.963 χ^2/NDF : 3.7/10

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

Right Out: -278.940 ± 336.303 χ^2/NDF : 7.7/12

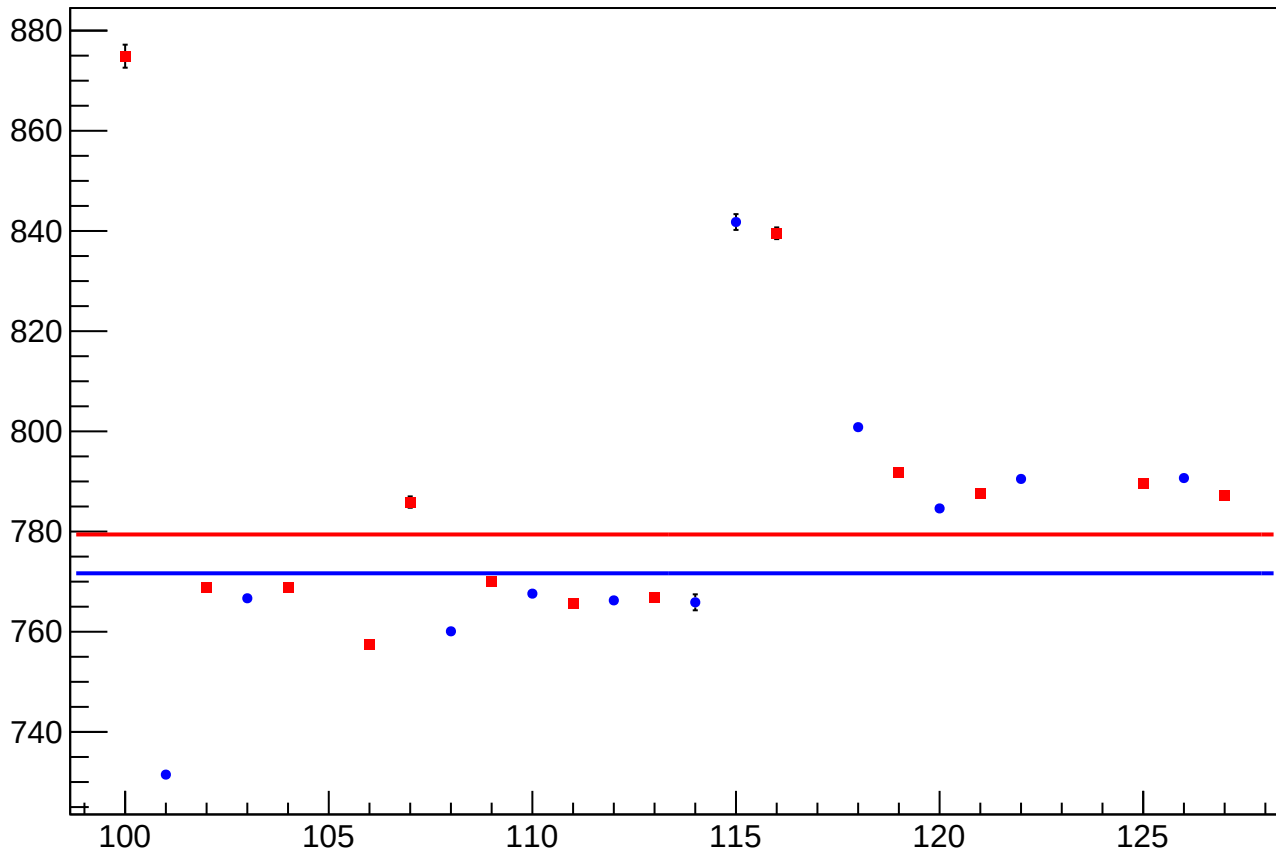
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -306.054 ± 247.003 χ^2/NDF : 11.4/23

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_rms vs Slug



Right In: 771.665 $\pm$ 0.257 χ^2 /NDF: 8829.1/10

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

Right Out: 779.417 $\pm$ 0.238 χ^2 /NDF: 6694.7/12

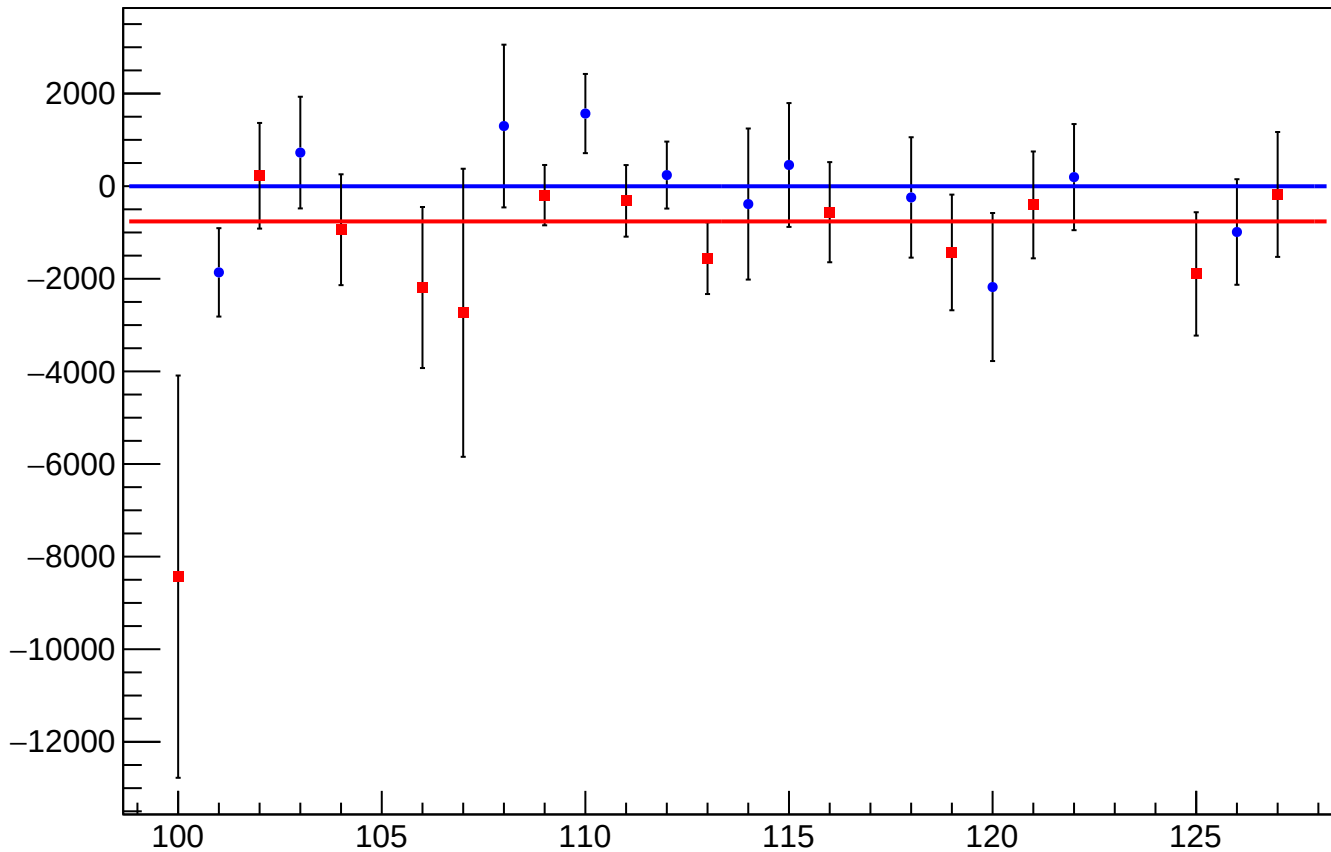
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 775.847 $\pm$ 0.175 χ^2 /NDF: 16013.2/23

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

asym_us_dd_eigen_cor_correction_mean vs Slug



Right In: -2.240+/-336.379 χ^2/NDF : 11.0/10

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

Right Out: -761.299+/-301.421 χ^2/NDF : 8.4/12

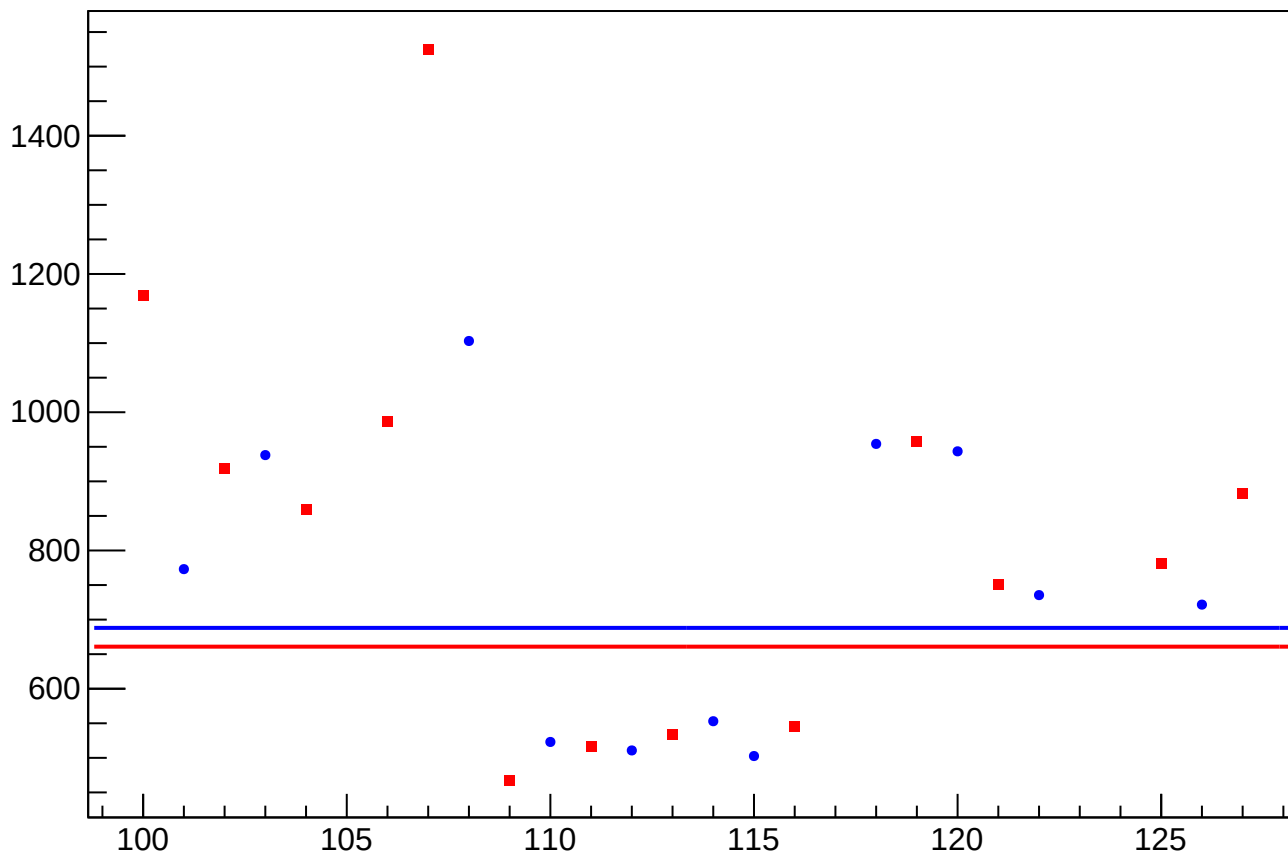
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -423.249+/-224.482 χ^2/NDF : 22.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_eigen_cor_correction_rms vs Slug



Right In: 688.031+/-0.238 χ^2/NDF : 600277.5/10

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

Right Out: 660.869+/-0.213 χ^2/NDF : 928136.1/12

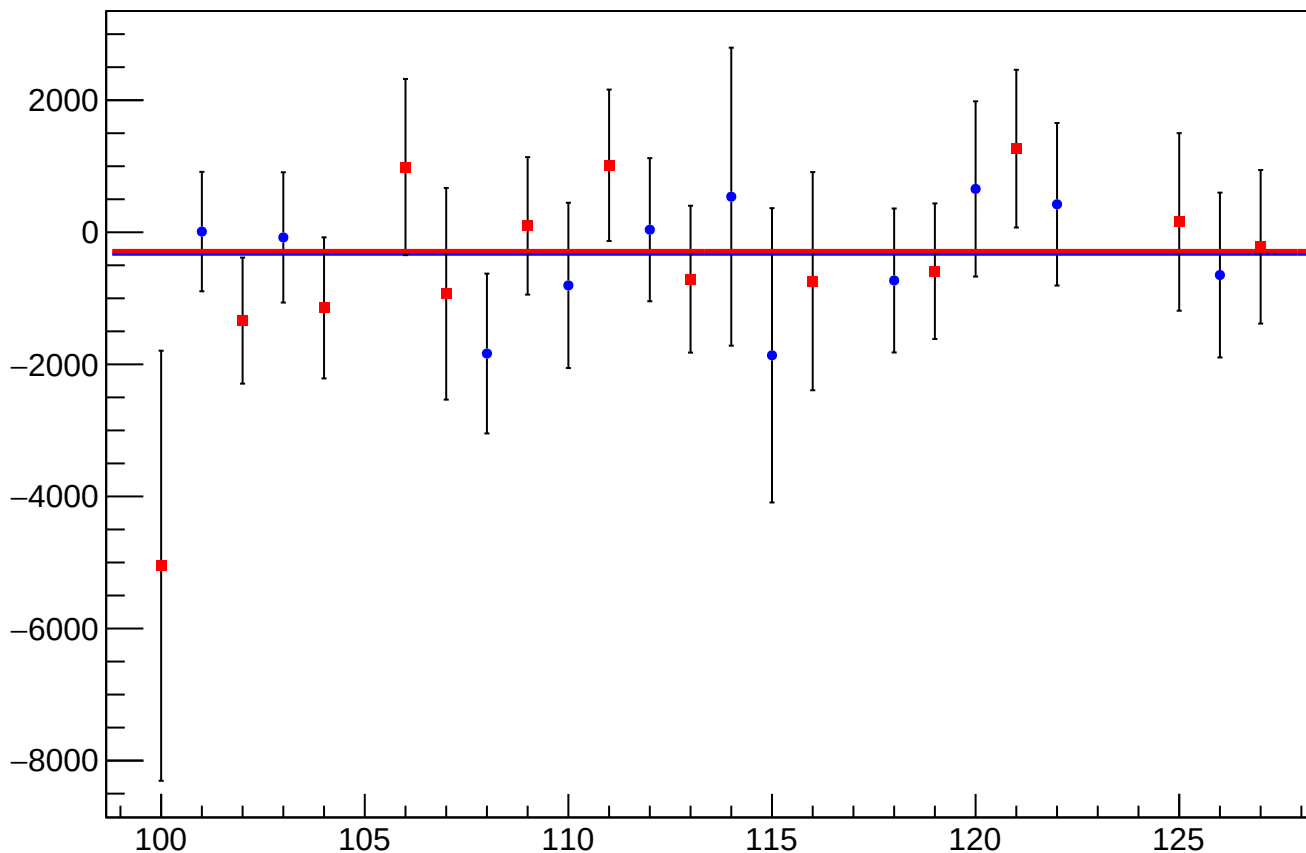
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 672.966+/-0.159 χ^2/NDF : 1535646.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_mean vs Slug



Right In: -324.809+/-364.326 χ^2/NDF : 3.8/10

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

Right Out: -281.668+/-336.655 χ^2/NDF : 8.6/12

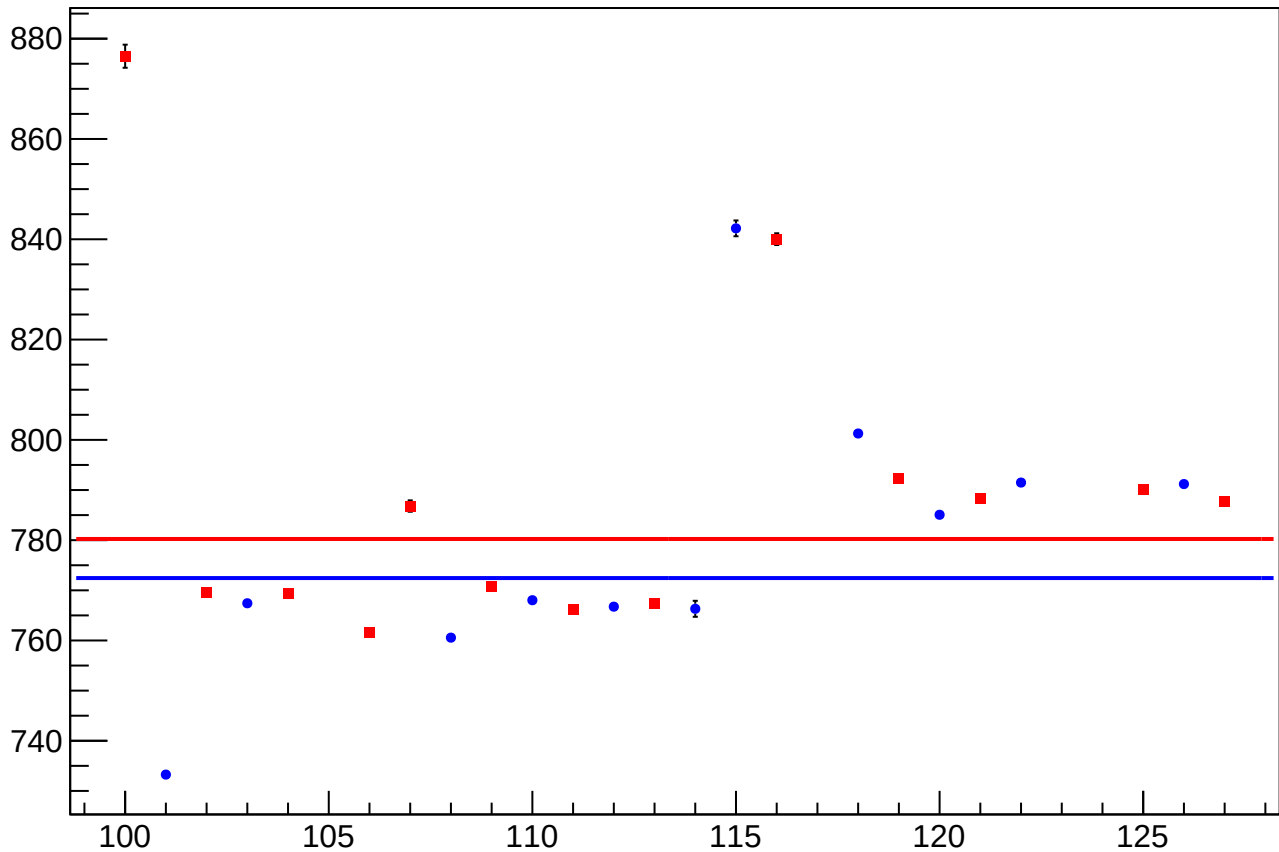
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -301.538+/-247.256 χ^2/NDF : 12.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_rms vs Slug



Right In: 772.445 $\pm$ 0.258 χ^2 /NDF: 8563.6/10

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

Right Out: 780.239 $\pm$ 0.238 χ^2 /NDF: 6552.9/12

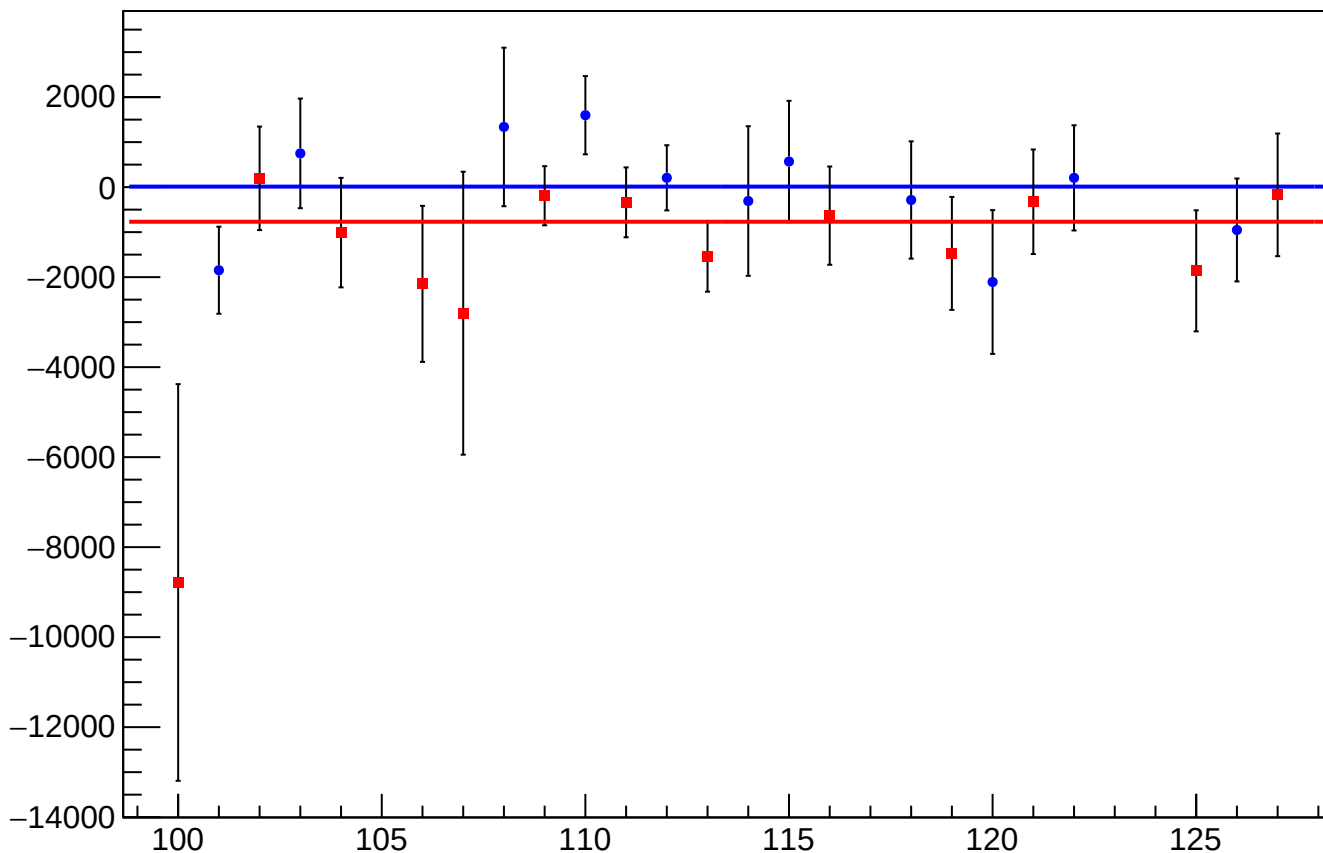
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 776.649 $\pm$ 0.175 χ^2 /NDF: 15610.2/23

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

asym_us_dd_dit_correction_mean vs Slug



Right In: 11.678+/-339.328 χ^2/NDF : 10.8/10

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

Right Out: -768.745+/-303.954 χ^2/NDF : 8.5/12

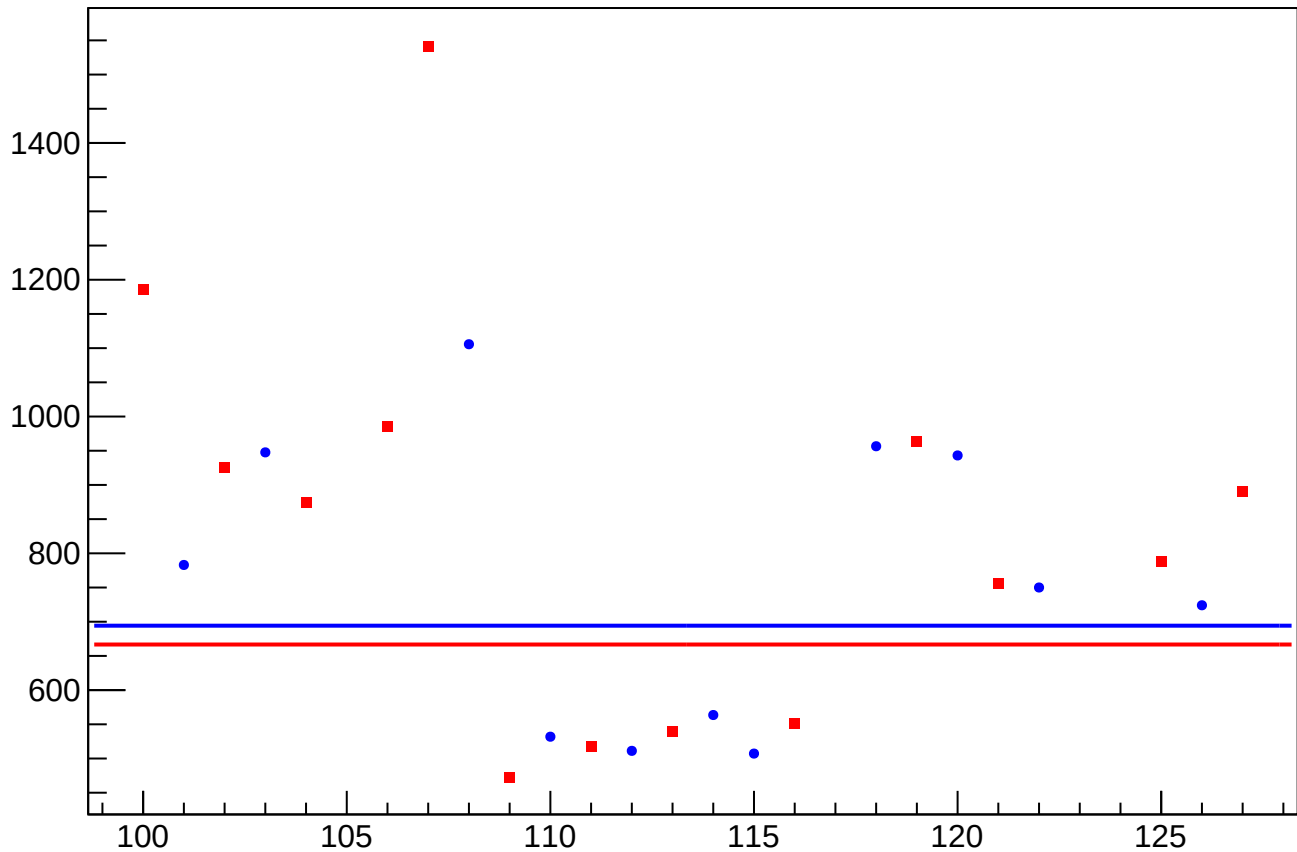
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -421.320+/-226.405 χ^2/NDF : 22.2/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_dit_correction_rms vs Slug



Right In: 694.206+/-0.240 χ^2/NDF : 596367.6/10

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

Right Out: 666.673+/-0.215 χ^2/NDF : 927777.5/12

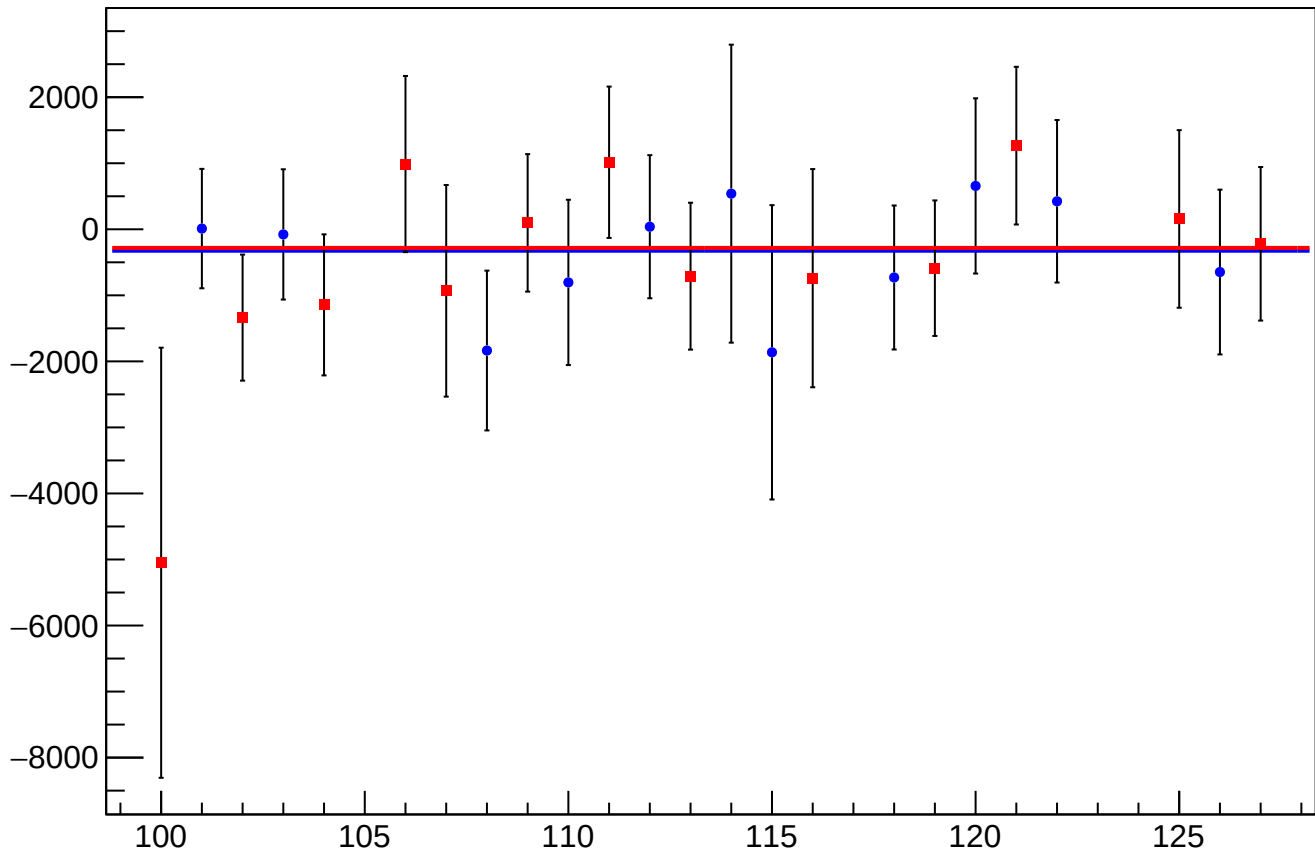
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 678.930+/-0.160 χ^2/NDF : 1531450.9/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_mean vs Slug



Right In: -324.809+/-364.326 χ^2 /NDF: 3.8/10

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

Right Out: -281.666+/-336.655 χ^2 /NDF: 8.6/12

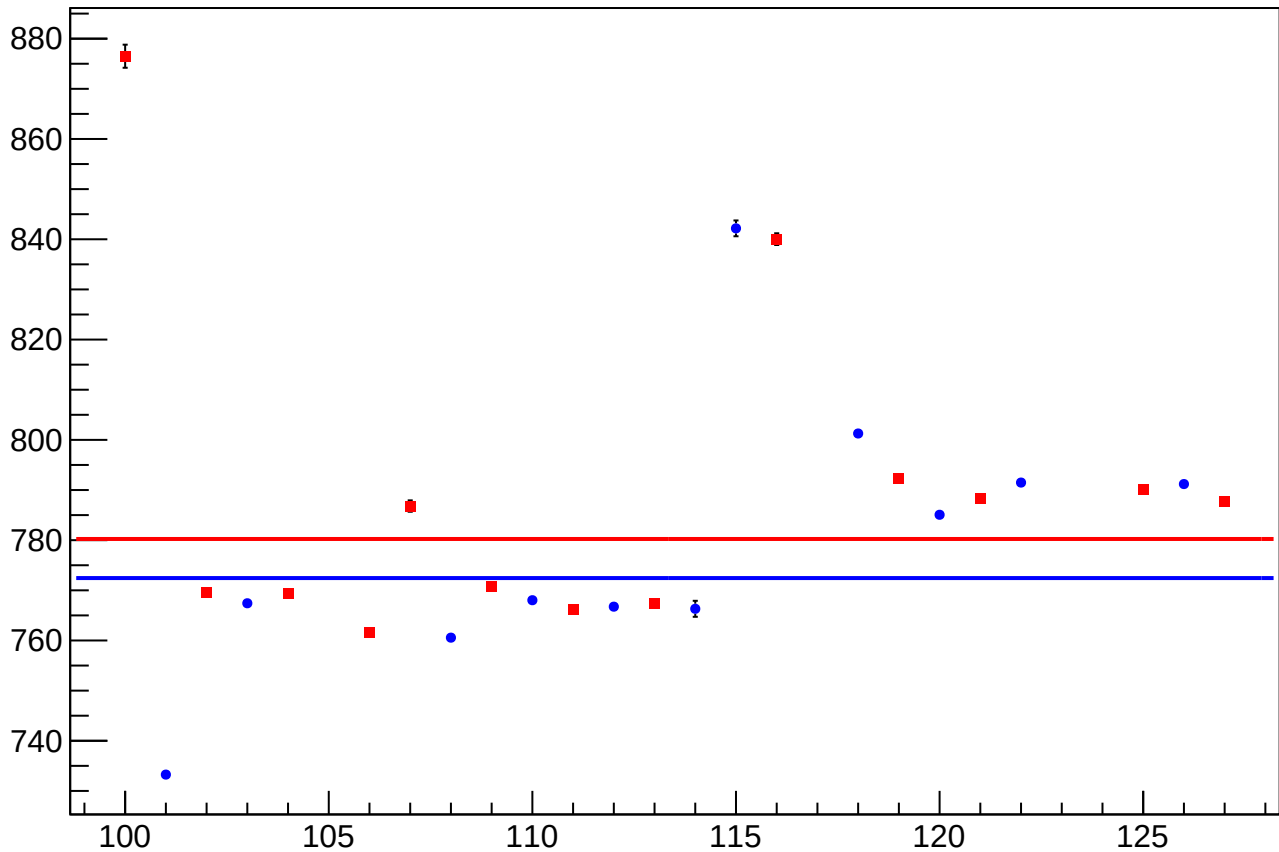
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -301.537+/-247.256 χ^2 /NDF: 12.4/23

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_dd_rms vs Slug



Right In: 772.445 $\pm$ 0.258 χ^2 /NDF: 8563.6/10

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

Right Out: 780.239 $\pm$ 0.238 χ^2 /NDF: 6552.9/12

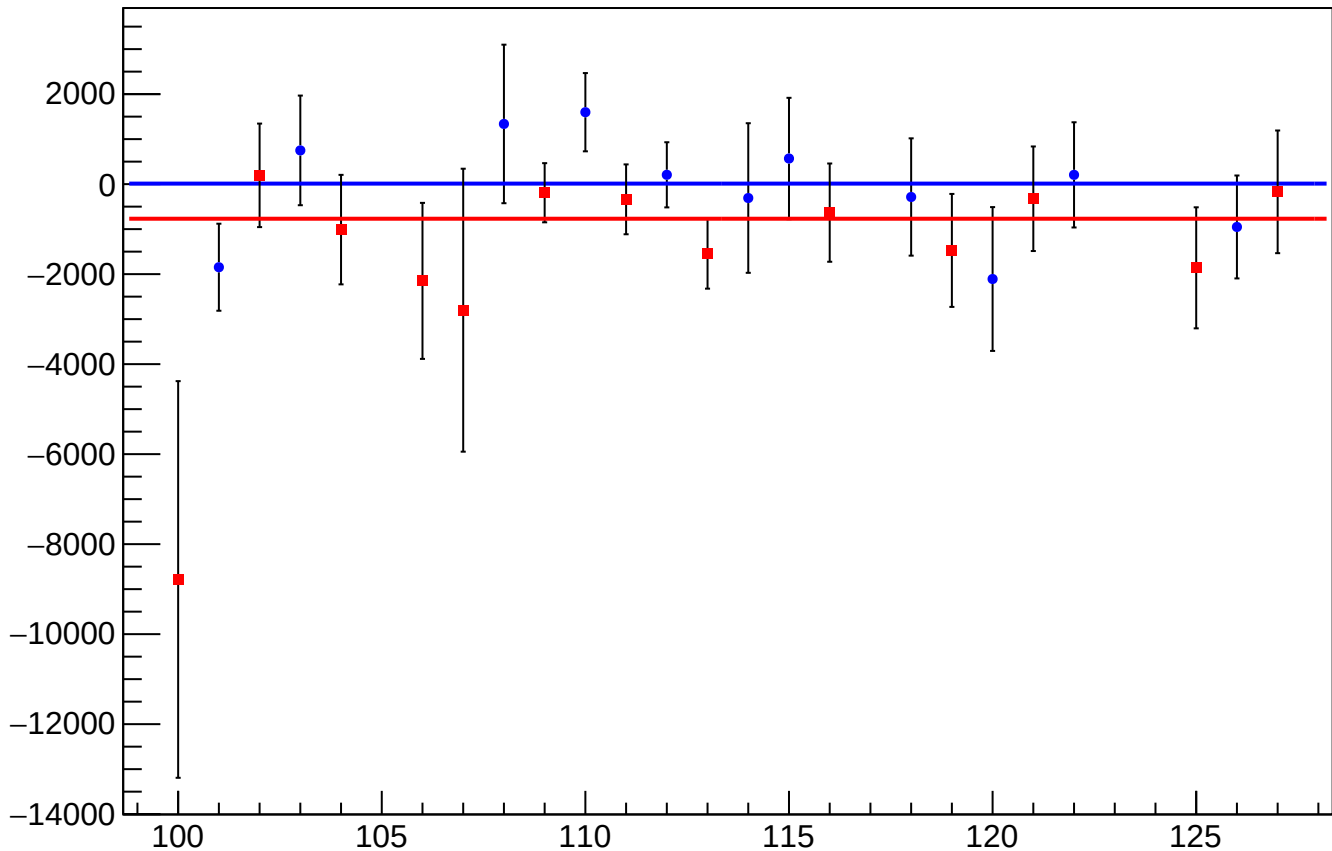
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 776.649 $\pm$ 0.175 χ^2 /NDF: 15610.2/23

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

asym_us_dd_eigen_dit_correction_mean vs Slug



Right In: 11.680 $\pm$ 339.326 χ^2 /NDF: 10.8/10

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

Right Out: -768.742 $\pm$ 303.952 χ^2 /NDF: 8.5/12

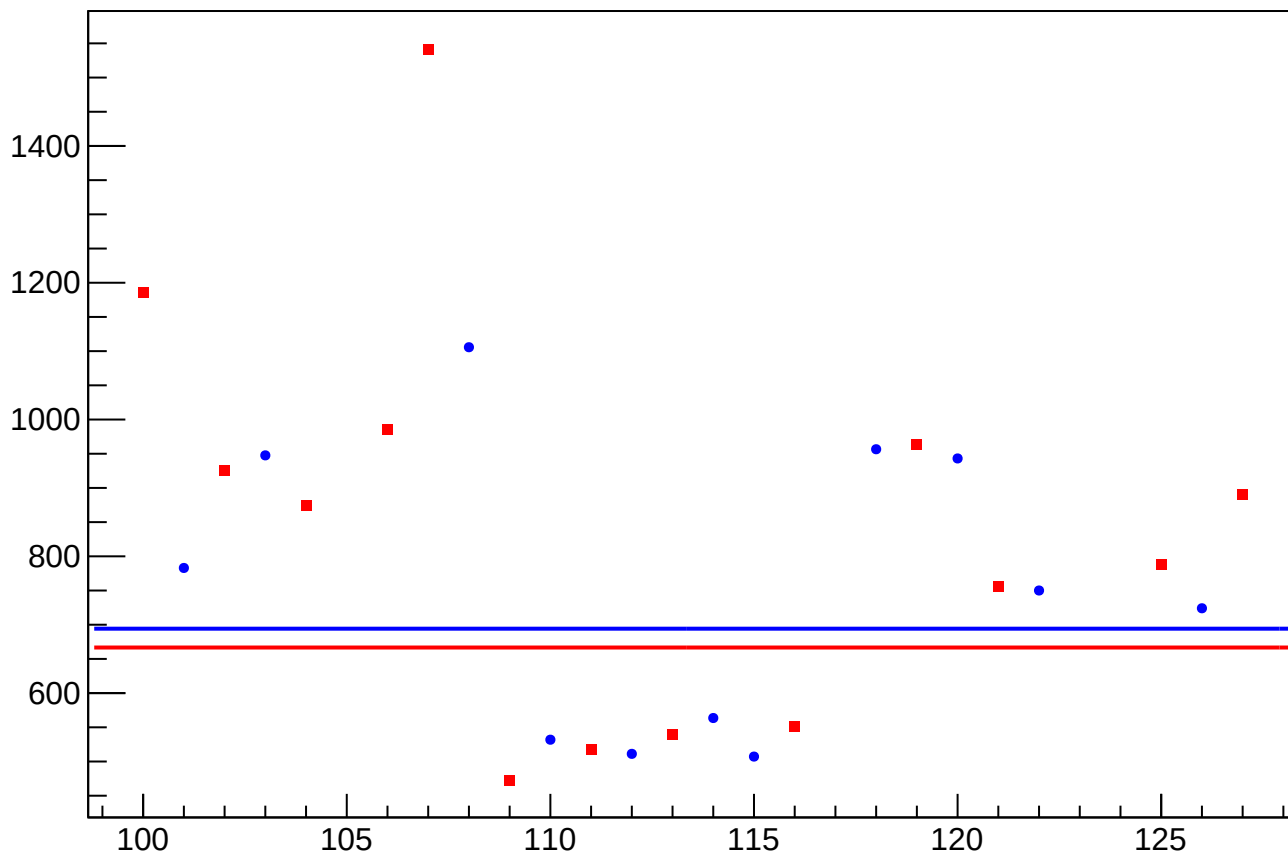
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -421.318 $\pm$ 226.404 χ^2 /NDF: 22.2/23

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

asym_us_dd_eigen_dit_correction_rms vs Slug



Right In: 694.202 $\pm$ 0.240 χ^2 /NDF: 596383.2/10

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

Right Out: 666.669 $\pm$ 0.215 χ^2 /NDF: 927797.8/12

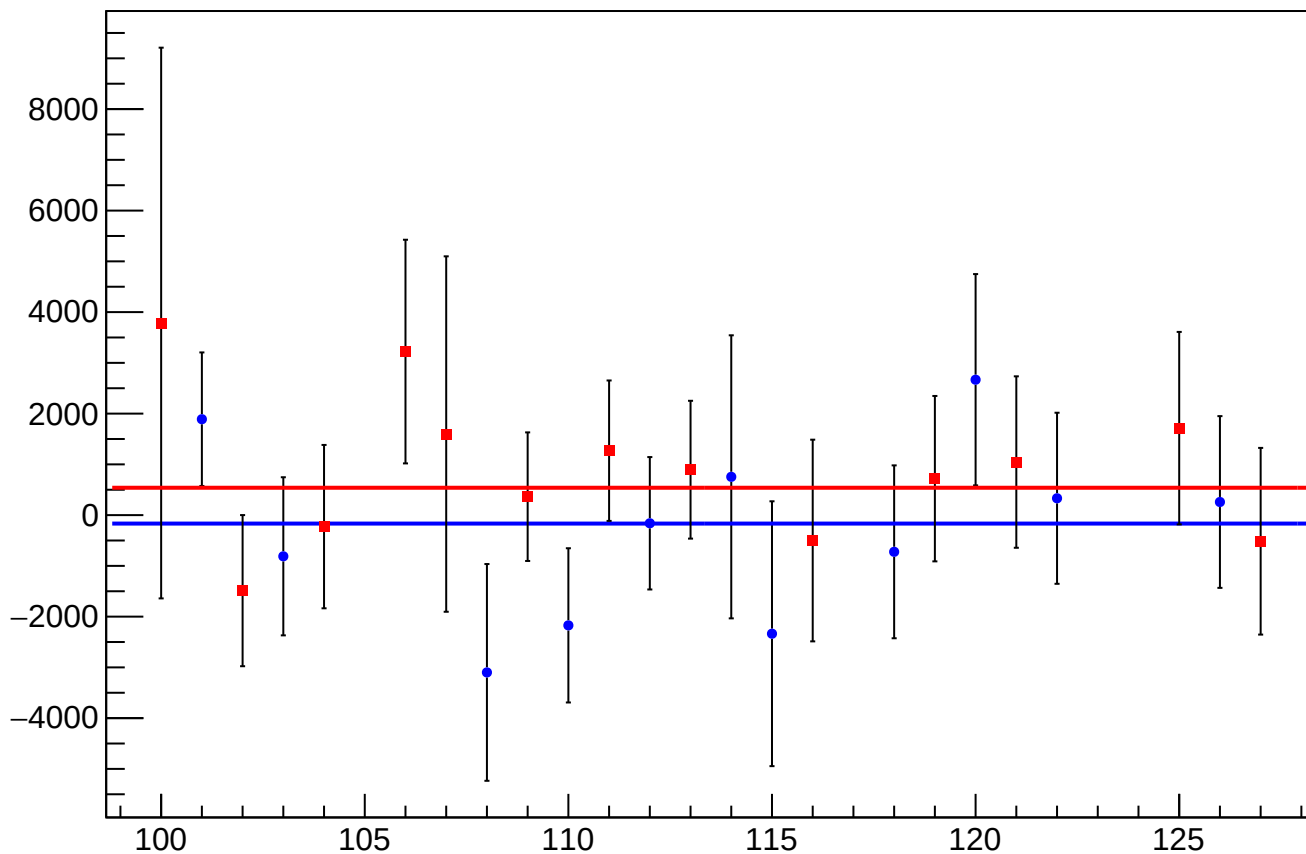
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 678.926 $\pm$ 0.160 χ^2 /NDF: 1531486.5/23

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

asym_us_dd_mean vs Slug



Right In: -166.507 $\pm$ 514.179 χ^2 /NDF: 9.2/10

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

Right Out: 539.391 $\pm$ 476.668 χ^2 /NDF: 5.5/12

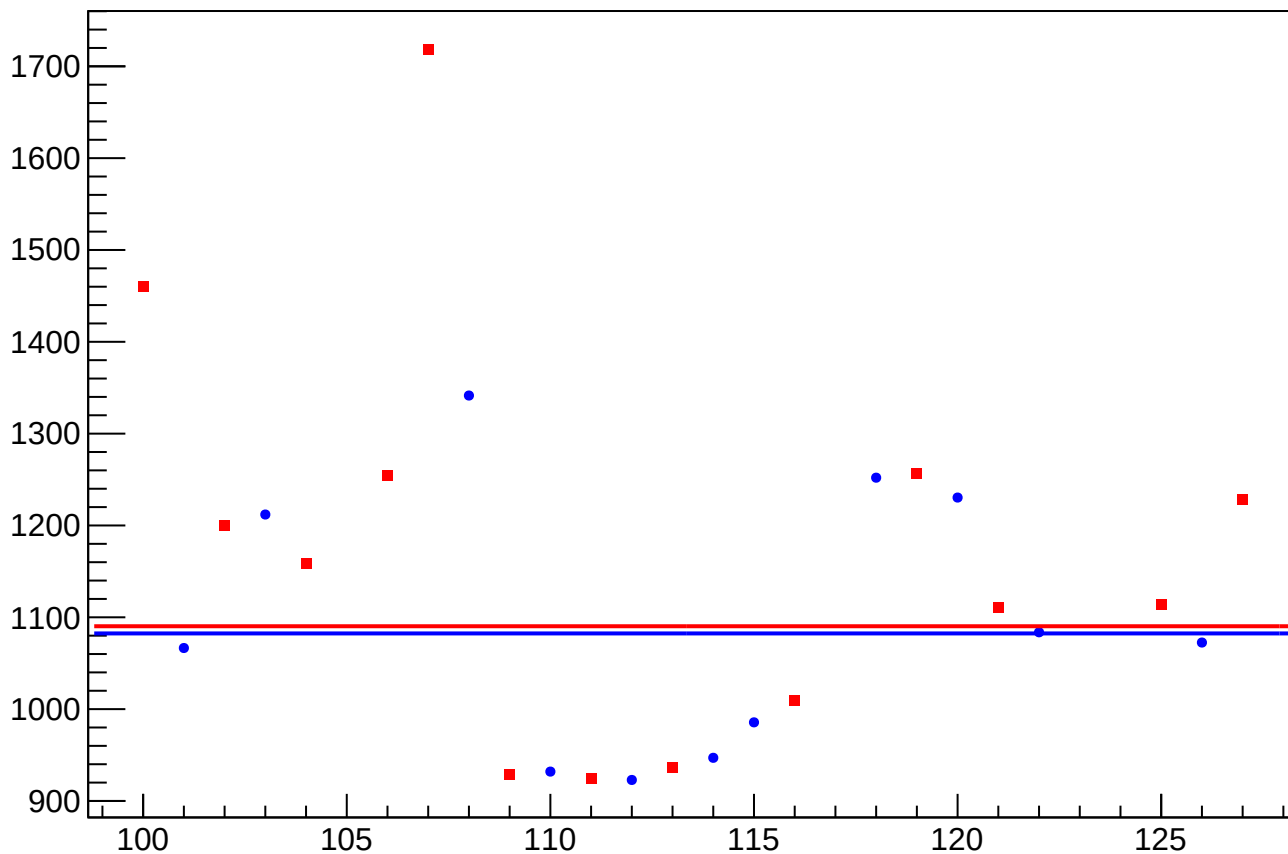
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 213.128 $\pm$ 349.565 χ^2 /NDF: 15.6/23

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

asym_us_dd_rms vs Slug



Right In: 1082.435 $\pm$ 0.364 χ^2 /NDF: 130564.4/10

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

Right Out: 1090.261 $\pm$ 0.337 χ^2 /NDF: 221676.9/12

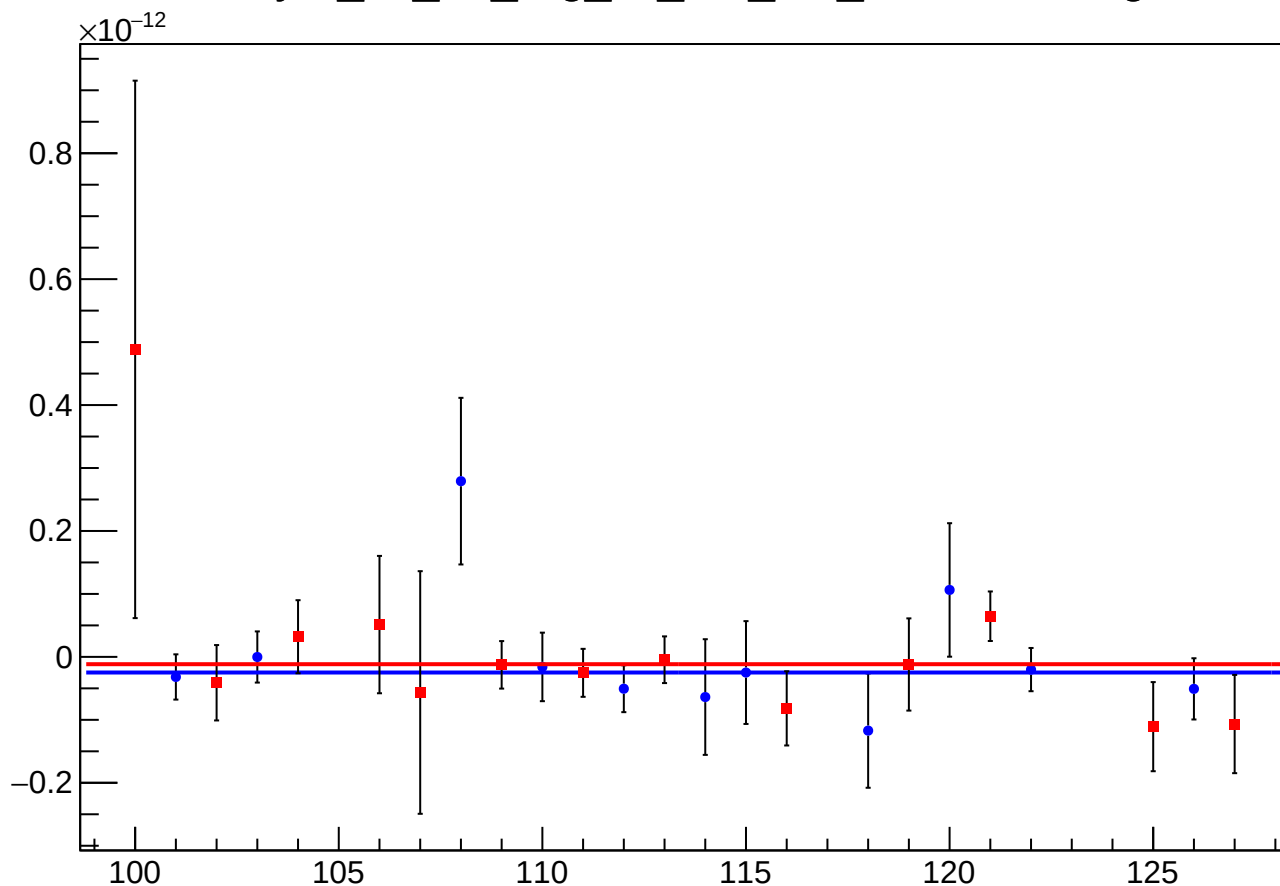
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1086.644 $\pm$ 0.247 χ^2 /NDF: 352490.5/23

- sign 0.000 $\pm$ 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 : 9.2/10

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

Right Out: -0.000 ± 0.000 χ^2/NDF : 11.4/12

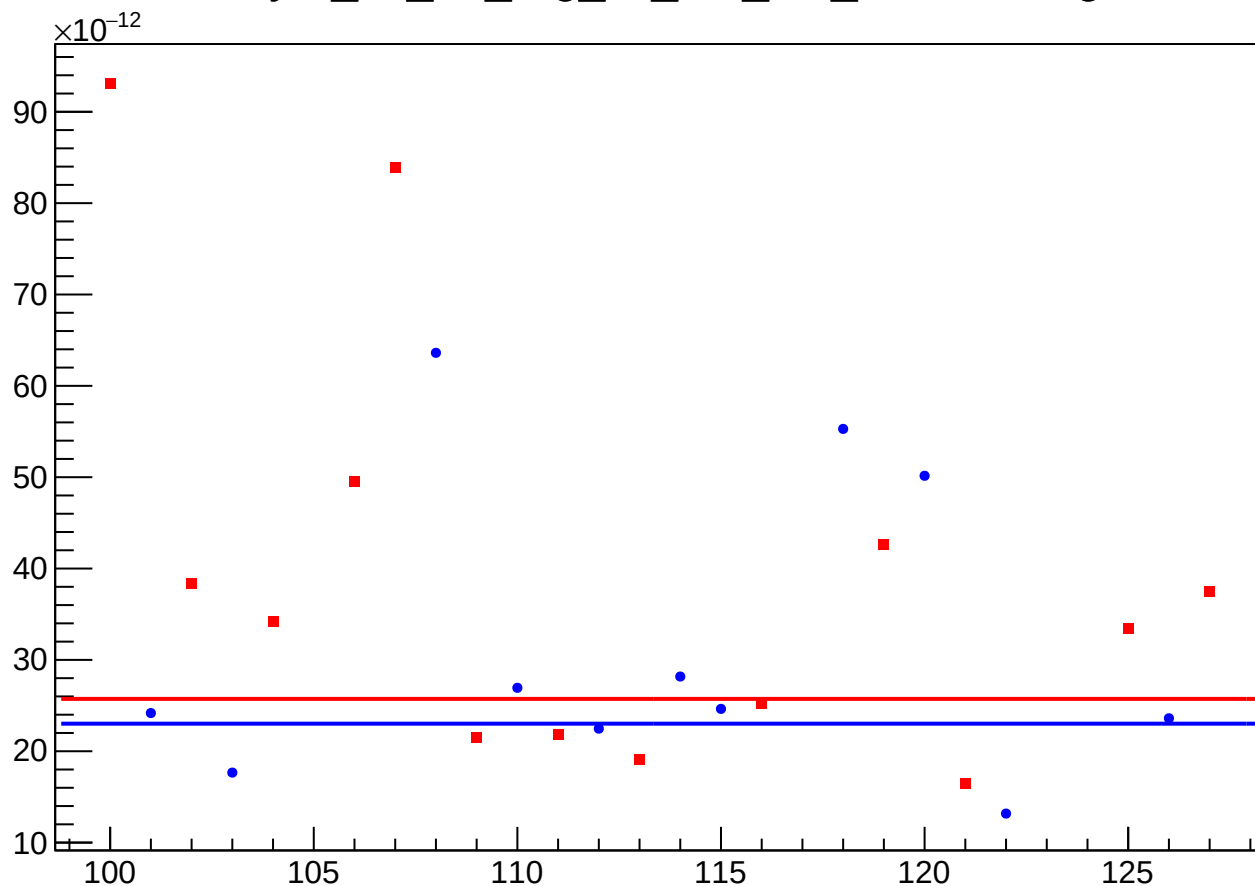
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 21.0/23

- 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 : 791370.7/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 856348.3/12

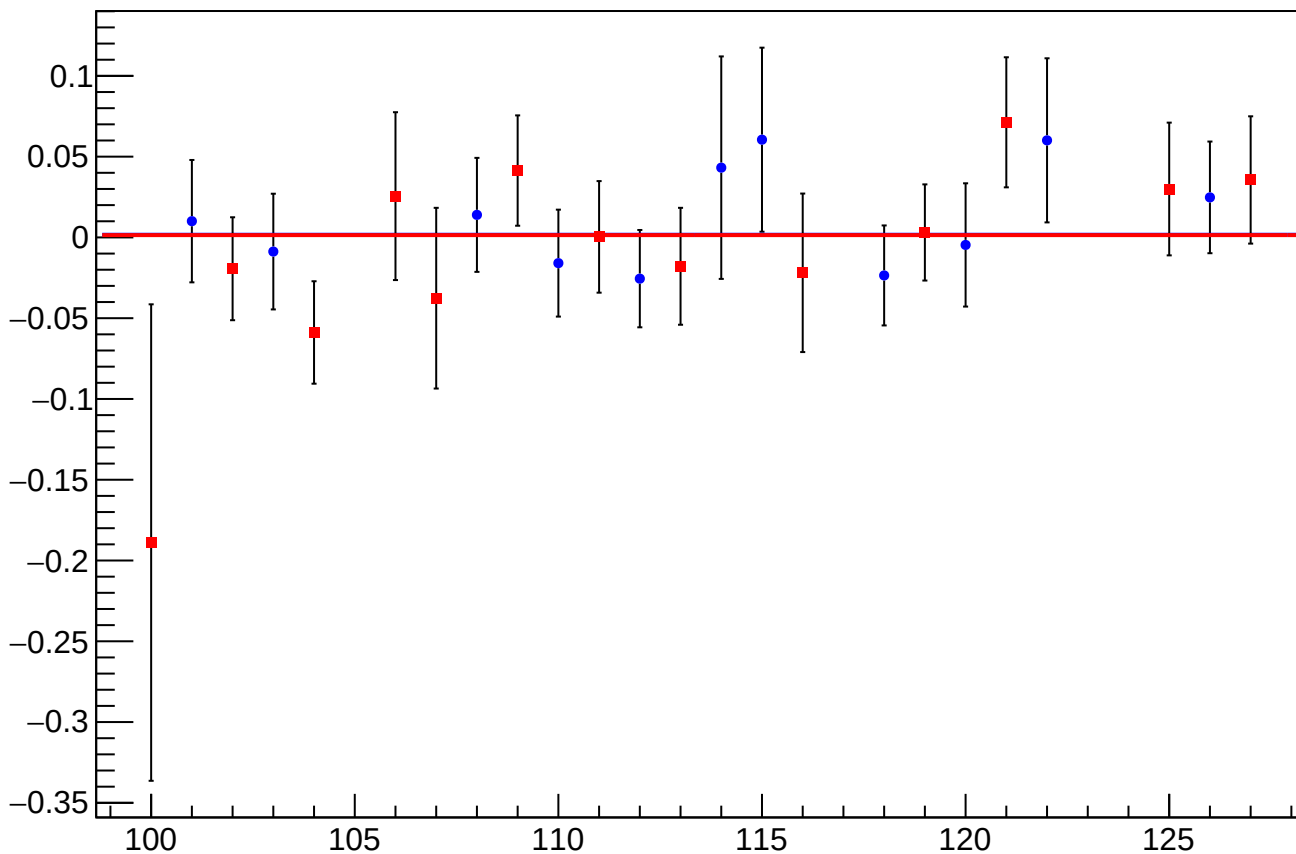
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1679131.5/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.002 $\pm$ 0.011 χ^2 /NDF: 5.2/10

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

Right Out: 0.001 $\pm$ 0.011 χ^2 /NDF: 12.5/12

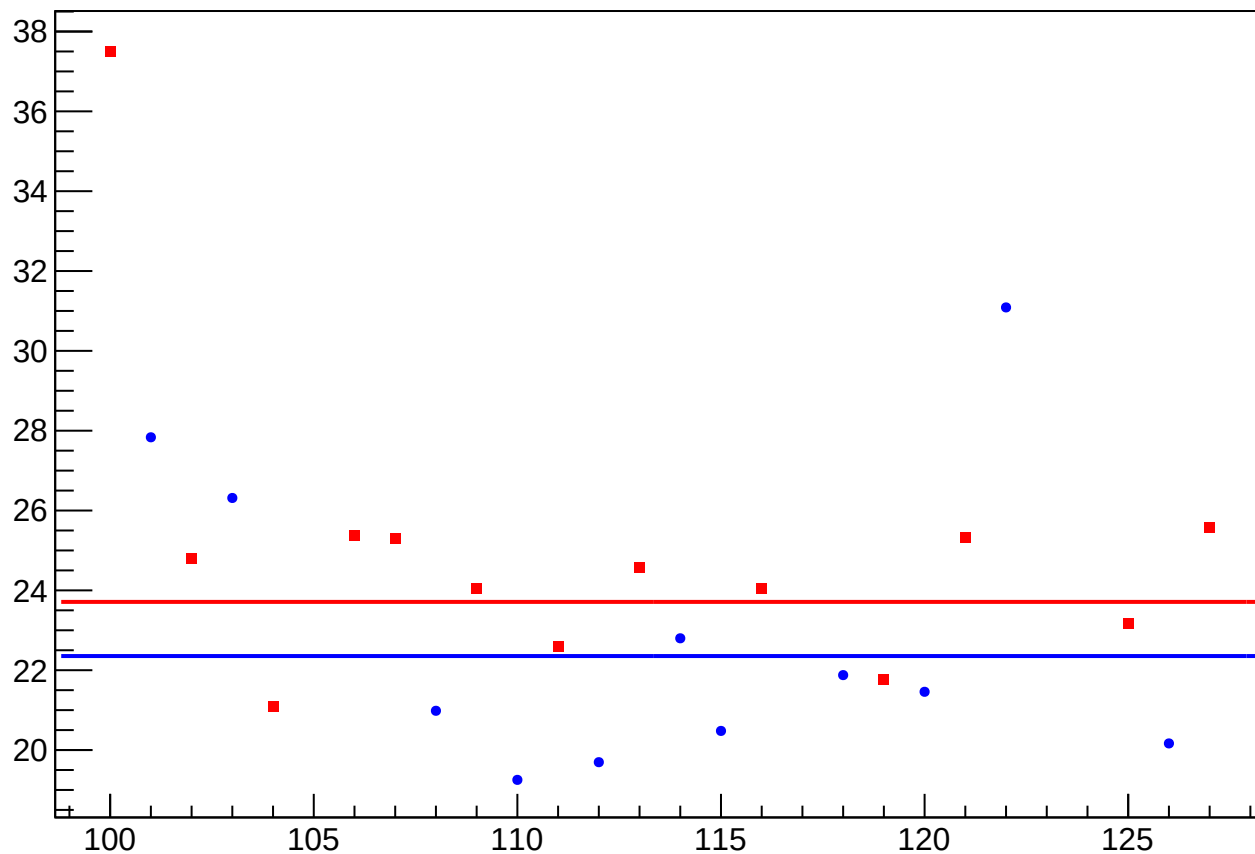
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.002 $\pm$ 0.008 χ^2 /NDF: 17.8/23

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

asym_us_dd_dit_vs_cor_diff_rms vs Slug



Right In: 22.355+/-0.008 χ^2/NDF : 173476.8/10

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

Right Out: 23.711+/-0.008 χ^2/NDF : 57344.2/12

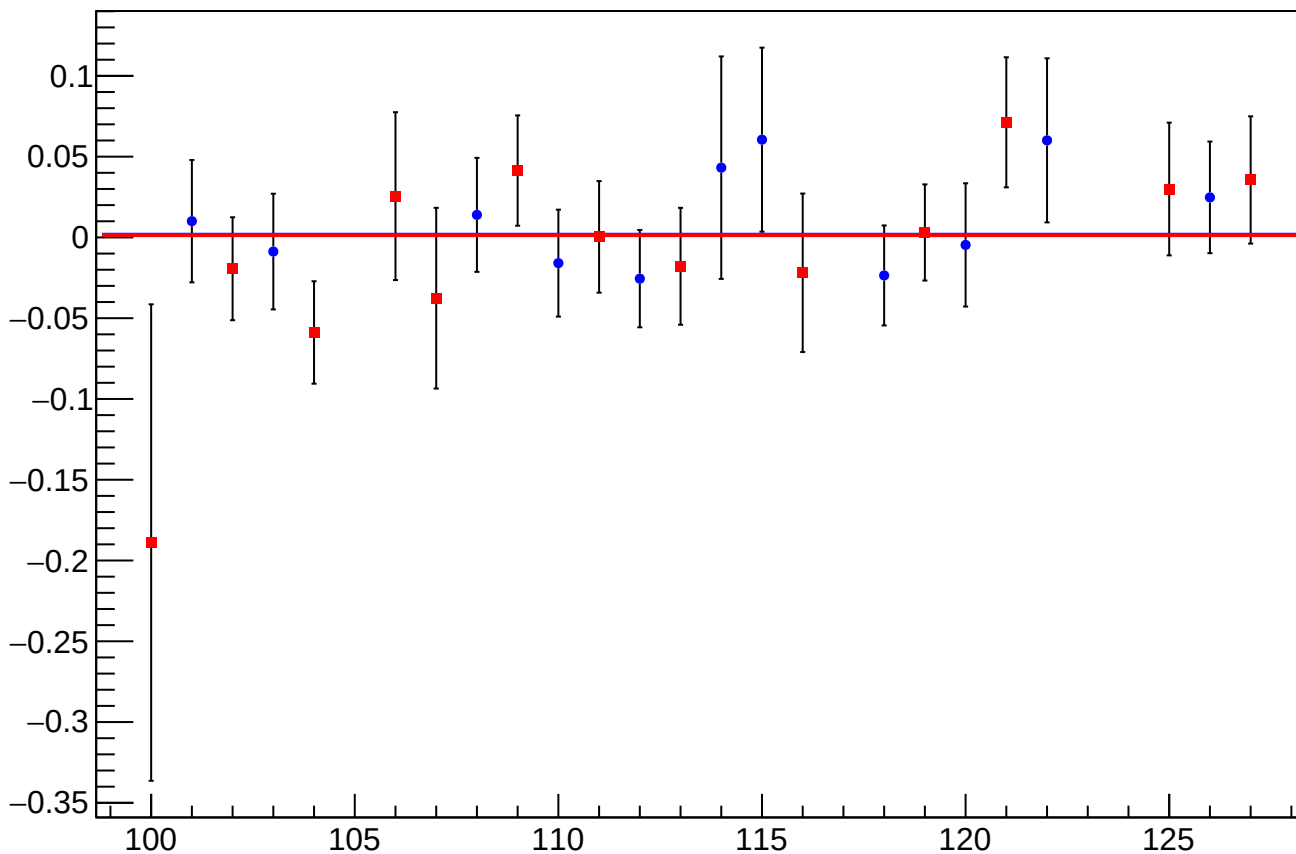
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.066+/-0.006 χ^2/NDF : 245825.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.002 $\pm$ 0.011 χ^2 /NDF: 5.2/10

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

Right Out: 0.001 $\pm$ 0.011 χ^2 /NDF: 12.5/12

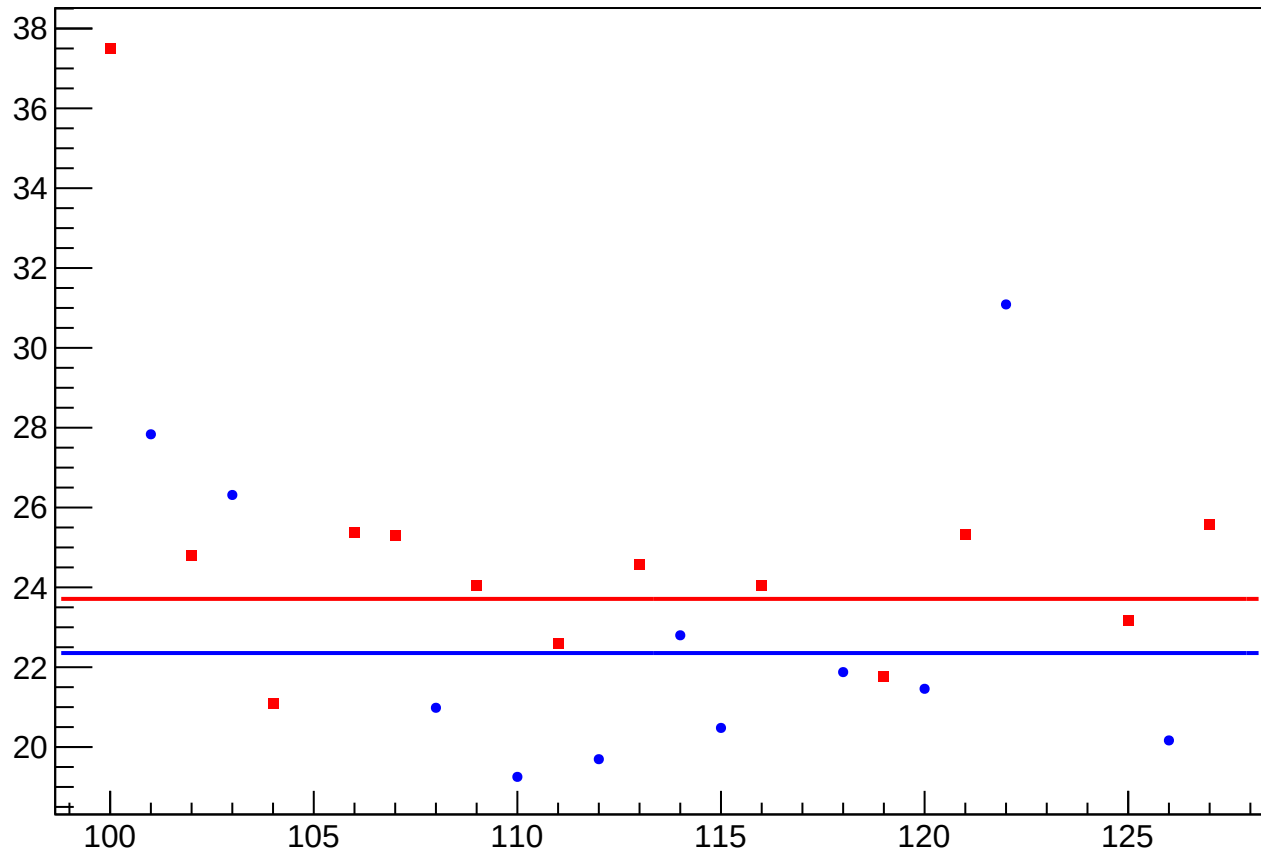
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.002 $\pm$ 0.008 χ^2 /NDF: 17.8/23

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

asym_us_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 22.355+/-0.008 χ^2/NDF : 173476.8/10

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

Right Out: 23.711+/-0.008 χ^2/NDF : 57344.2/12

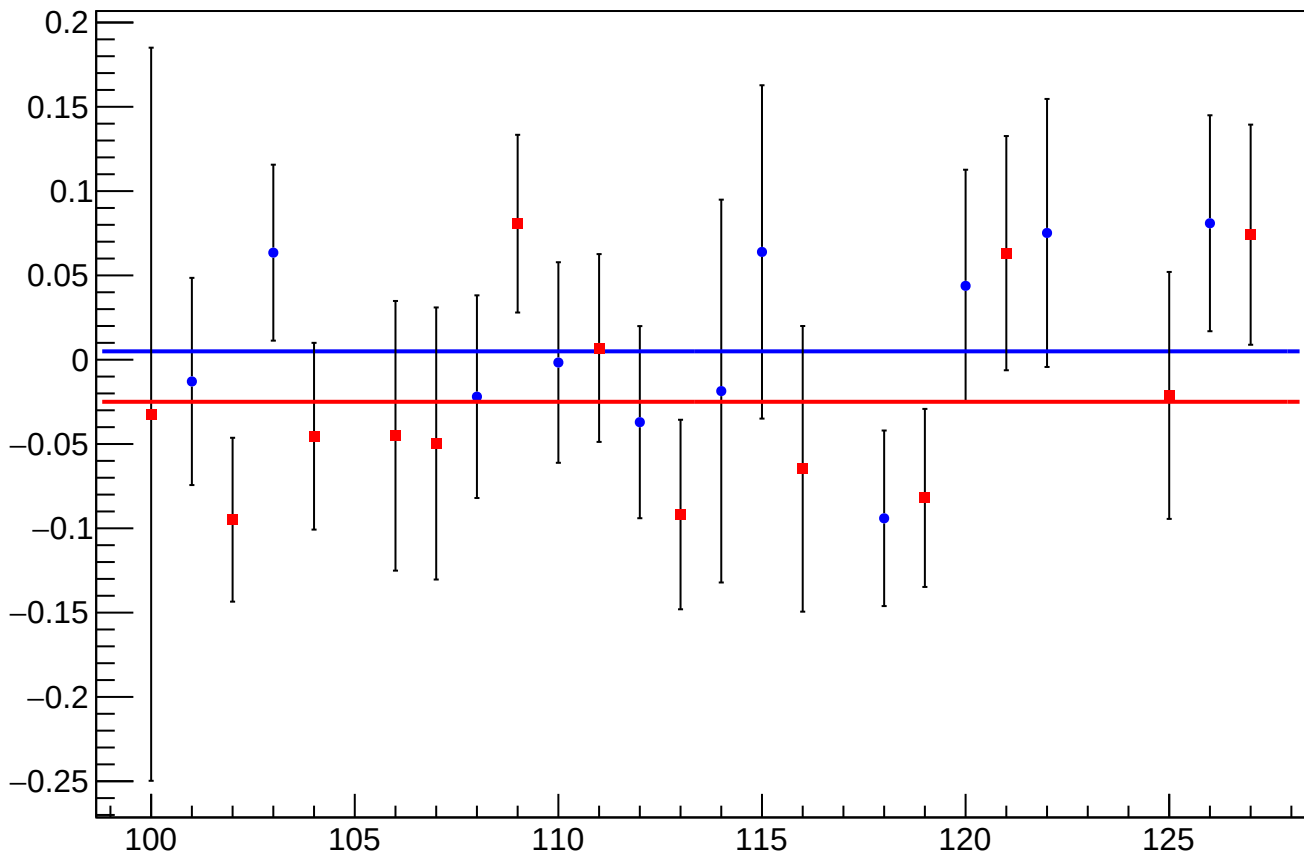
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.066+/-0.006 χ^2/NDF : 245825.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_dit_vs_overload_cor_diff_mean vs Slug



Right In: 0.005 $\pm$ 0.019 χ^2 /NDF: 8.6/10

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

Right Out: -0.025 $\pm$ 0.018 χ^2 /NDF: 13.4/12

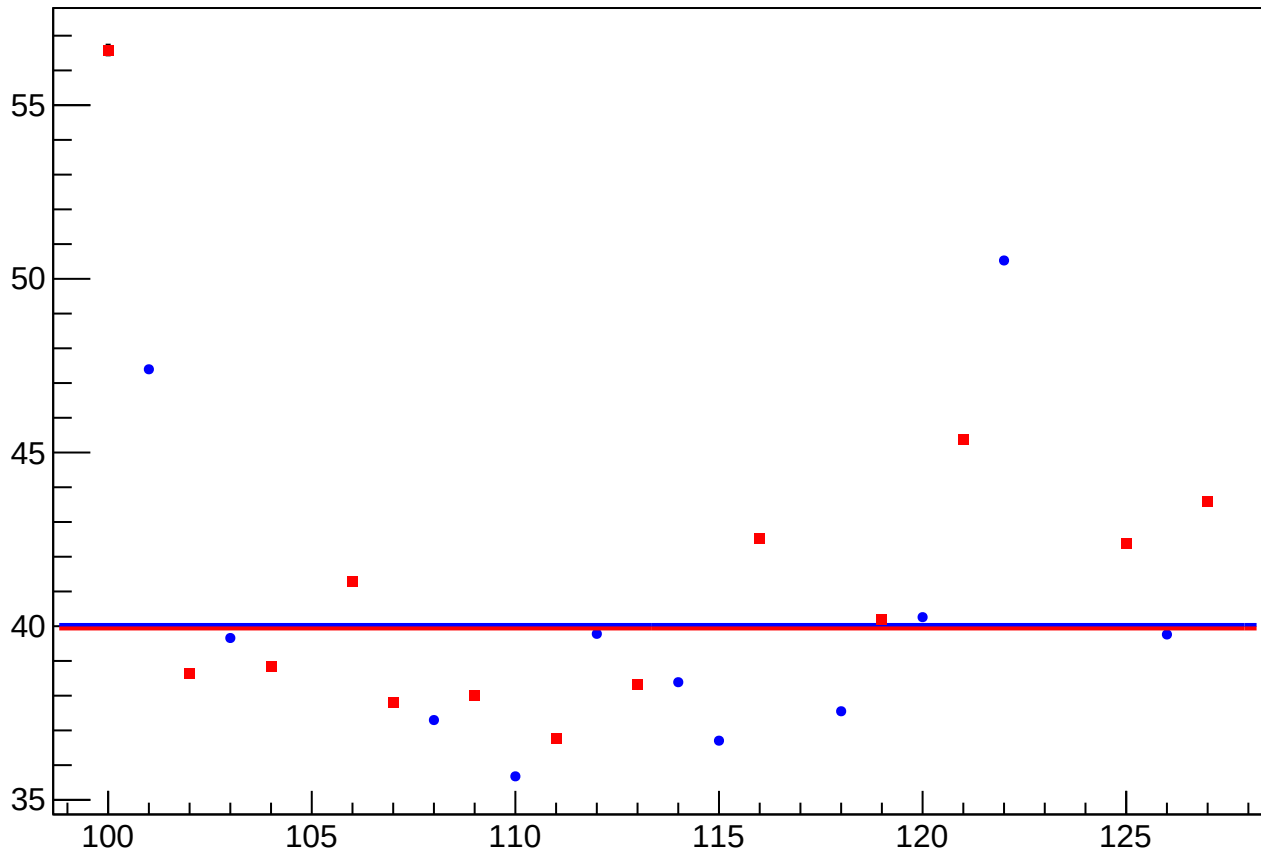
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.011 $\pm$ 0.013 χ^2 /NDF: 23.4/23

- 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: 40.036+/-0.014 χ^2/NDF : 85887.3/10

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

Right Out: 39.935+/-0.012 χ^2/NDF : 49432.9/12

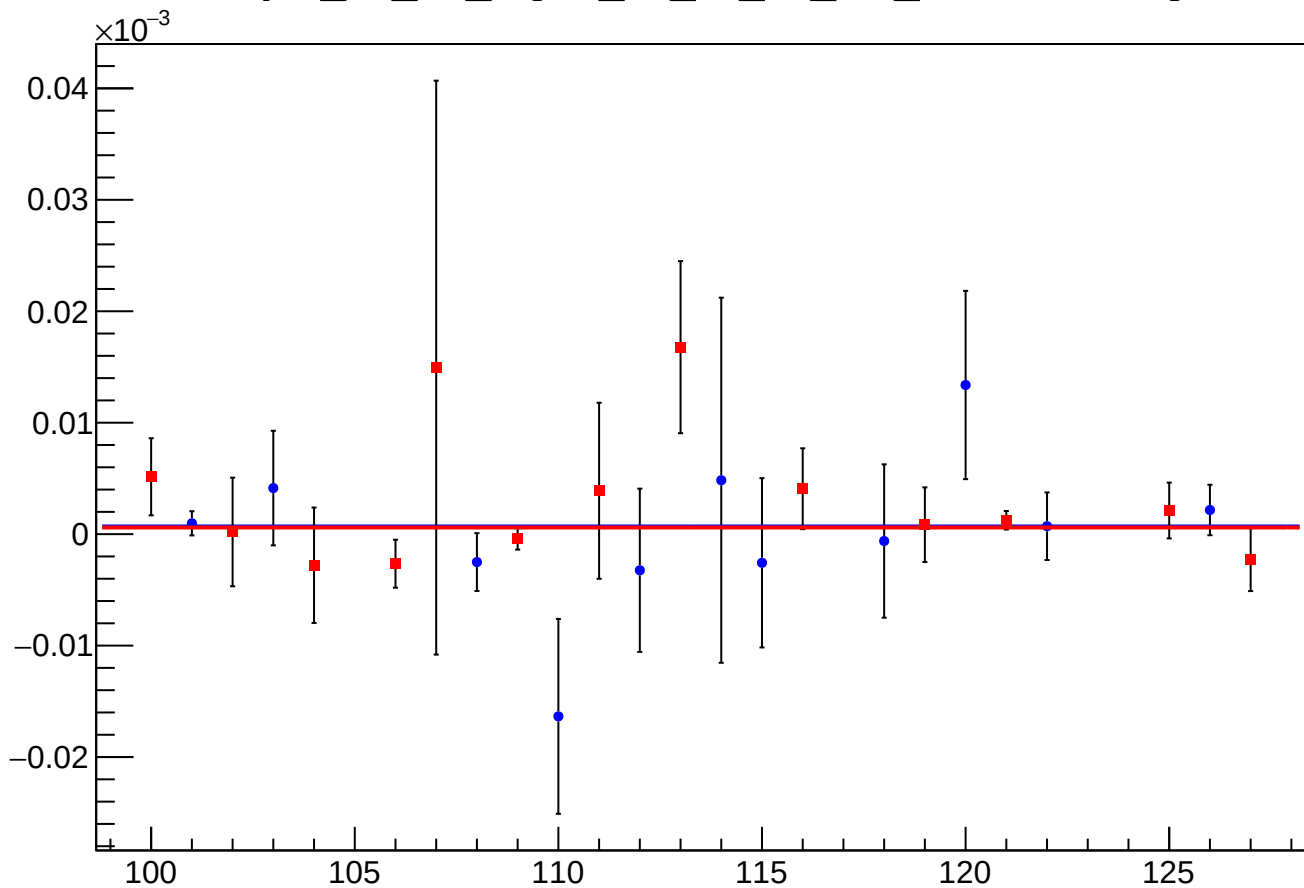
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.981+/-0.009 χ^2/NDF : 135349.5/23

- sign 0.000+/-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: 9.1/10

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.2/12

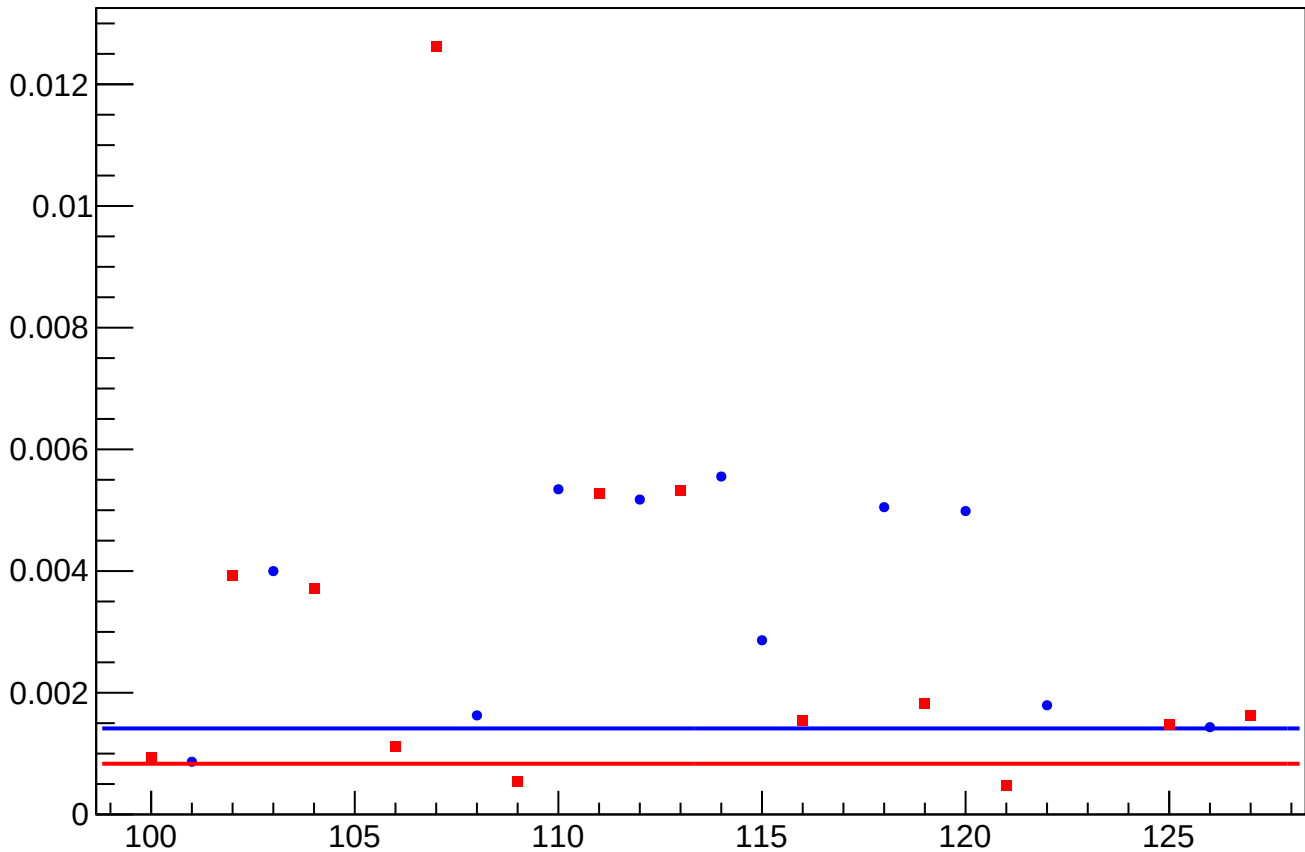
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 22.3/23

- 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 : 3107728.1/10

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

Right Out: 0.001+/-0.000 χ^2/NDF : 4272367.9/12

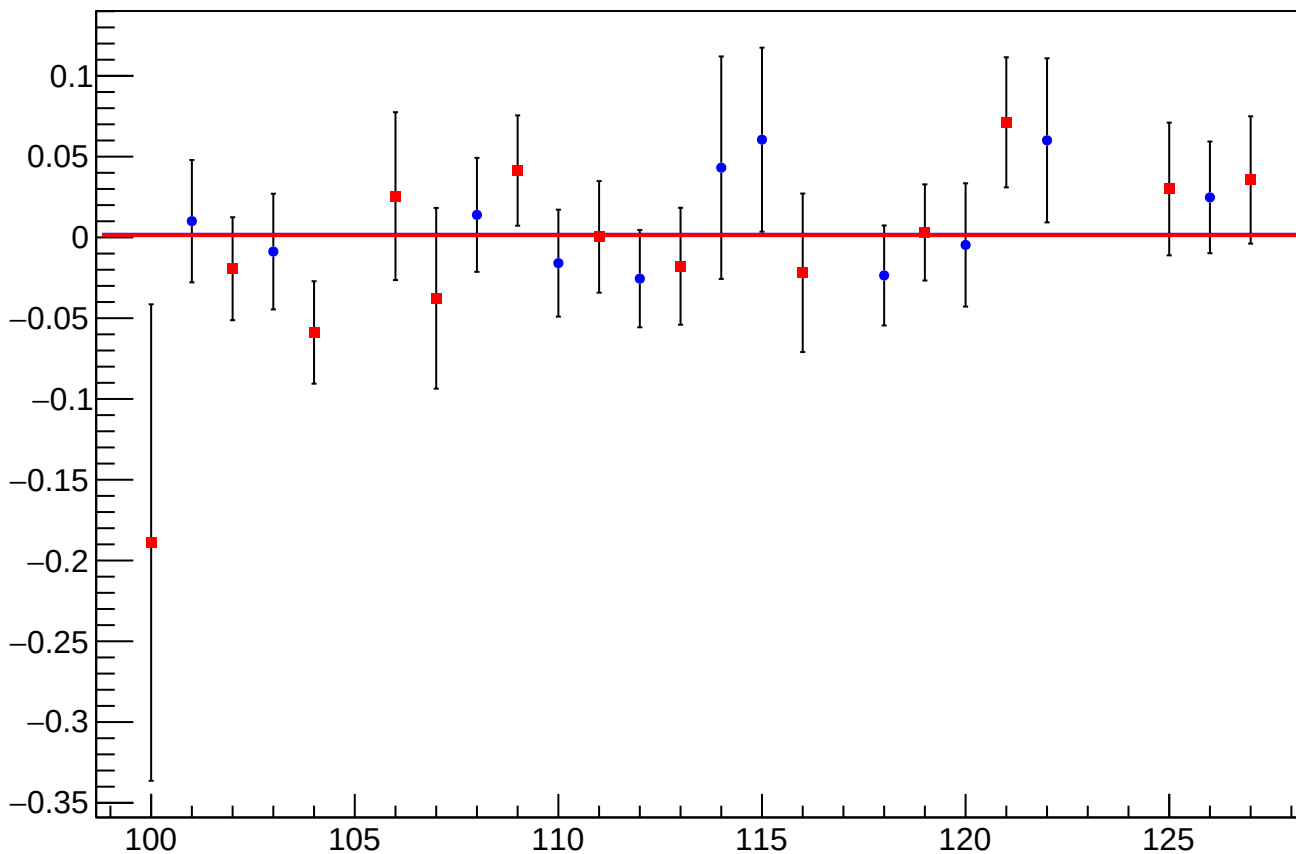
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 8051161.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.002 $\pm$ 0.011 χ^2 /NDF: 5.2/10

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

Right Out: 0.001 $\pm$ 0.011 χ^2 /NDF: 12.5/12

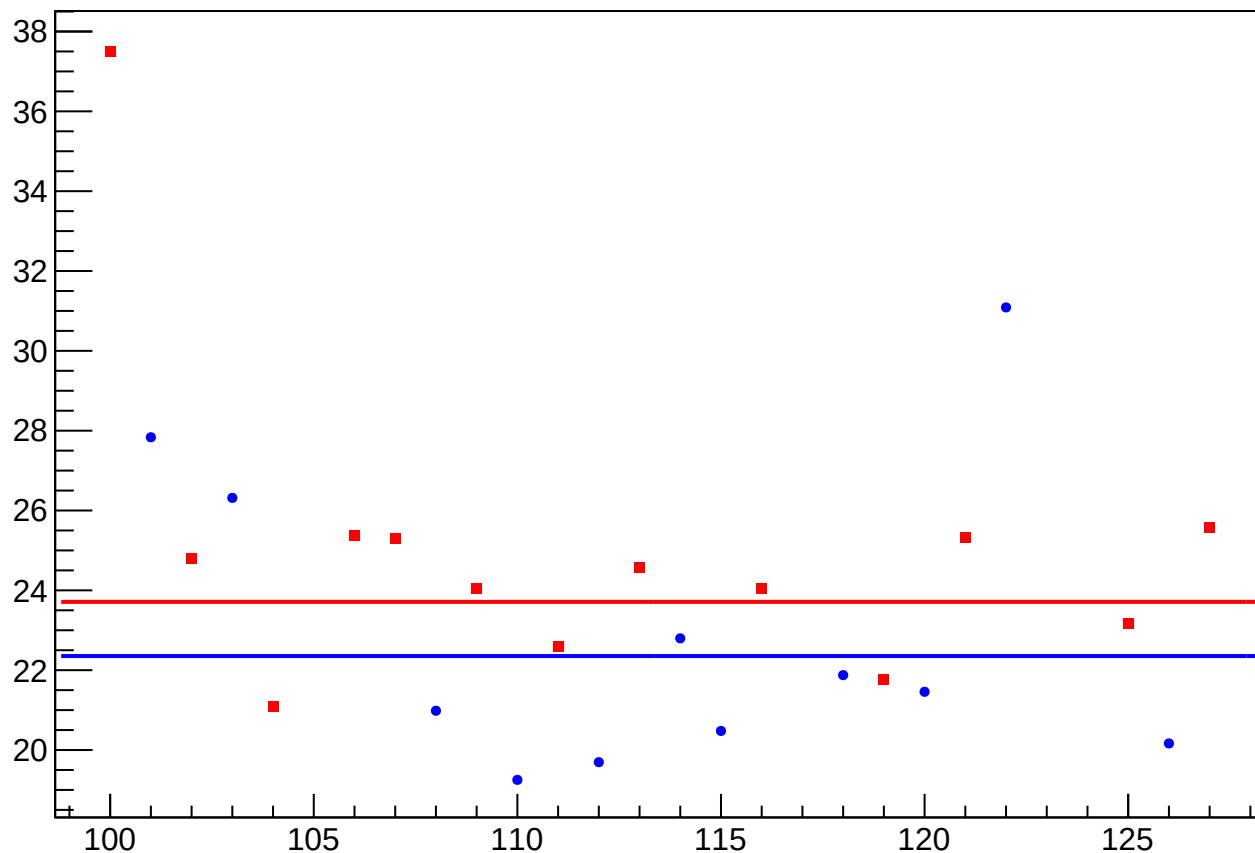
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.002 $\pm$ 0.008 χ^2 /NDF: 17.8/23

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

asym_us_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 22.354+/-0.008 χ^2/NDF : 173520.5/10

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

Right Out: 23.711+/-0.008 χ^2/NDF : 57340.6/12

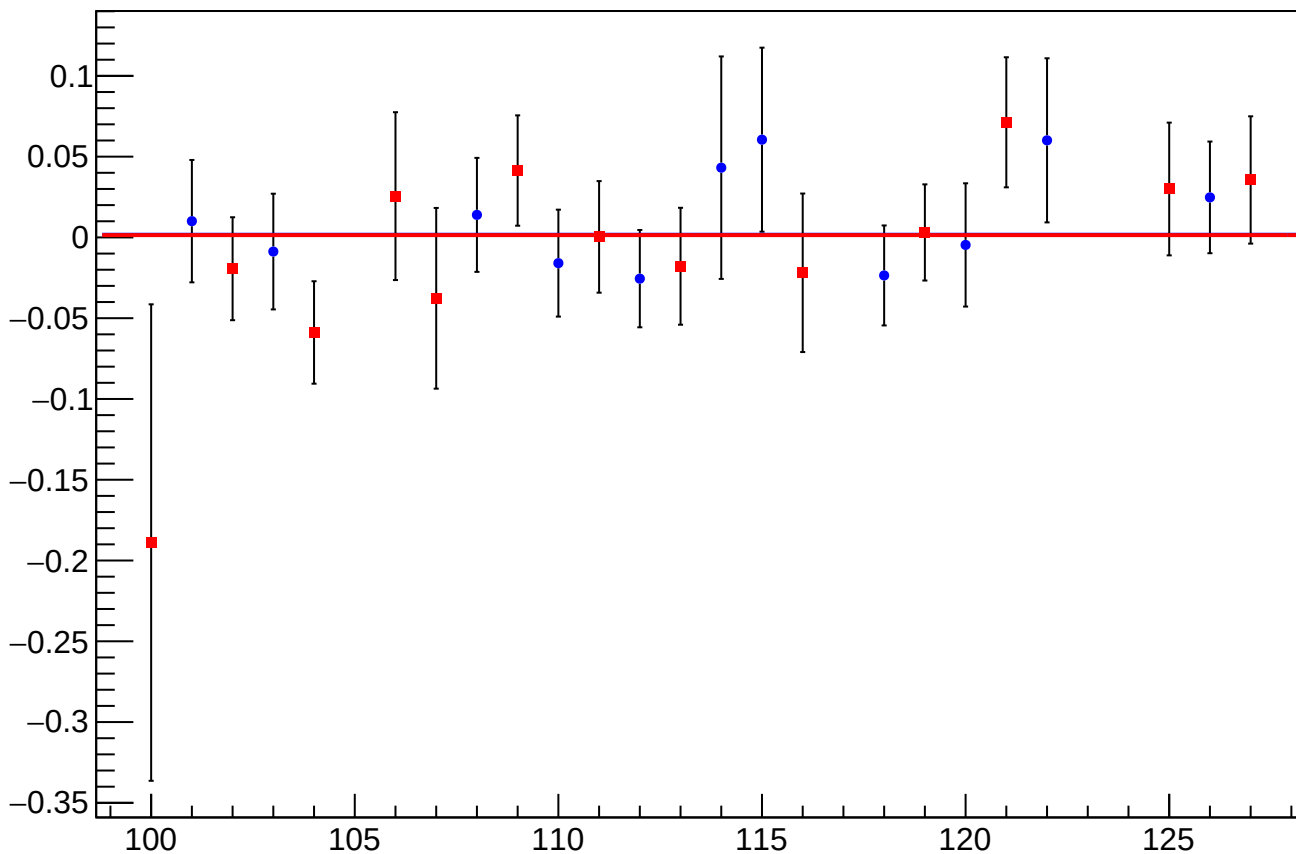
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.066+/-0.006 χ^2/NDF : 245876.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.002 $\pm$ 0.011 χ^2 /NDF: 5.2/10

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

Right Out: 0.001 $\pm$ 0.011 χ^2 /NDF: 12.5/12

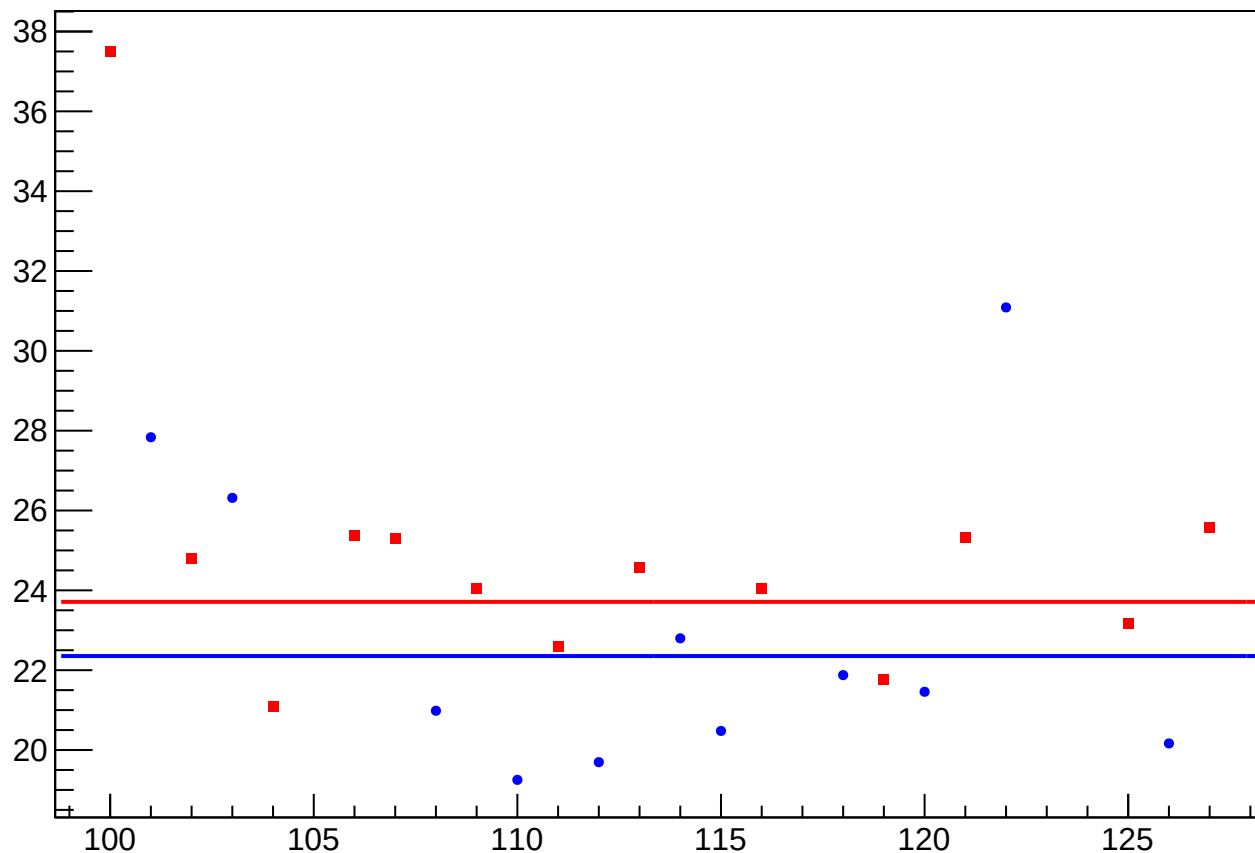
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.002 $\pm$ 0.008 χ^2 /NDF: 17.8/23

- 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: 22.354+/-0.008 χ^2/NDF : 173520.5/10

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

Right Out: 23.711+/-0.008 χ^2/NDF : 57340.6/12

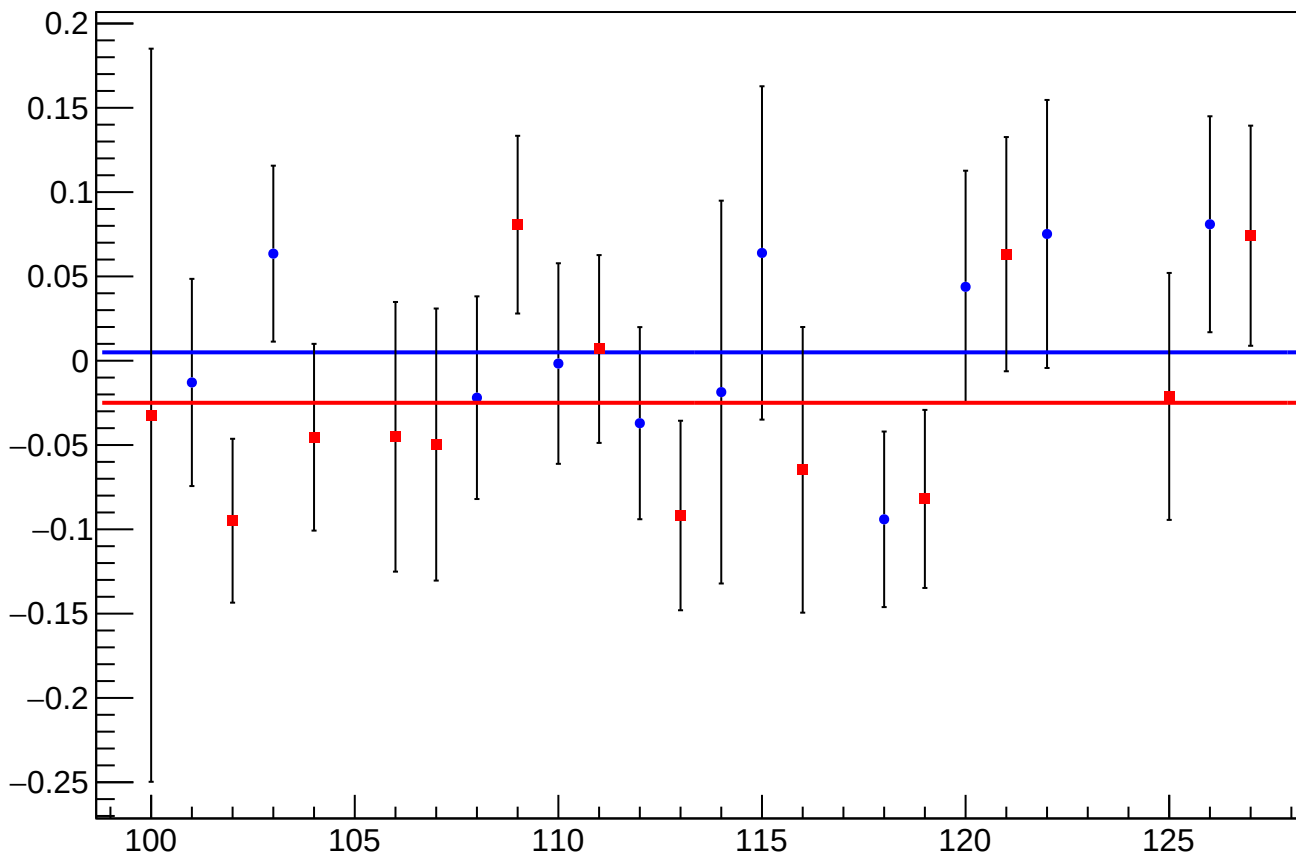
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.066+/-0.006 χ^2/NDF : 245876.1/23

- 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: 0.005 $\pm$ 0.019 χ^2 /NDF: 8.6/10

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

Right Out: -0.025 $\pm$ 0.018 χ^2 /NDF: 13.4/12

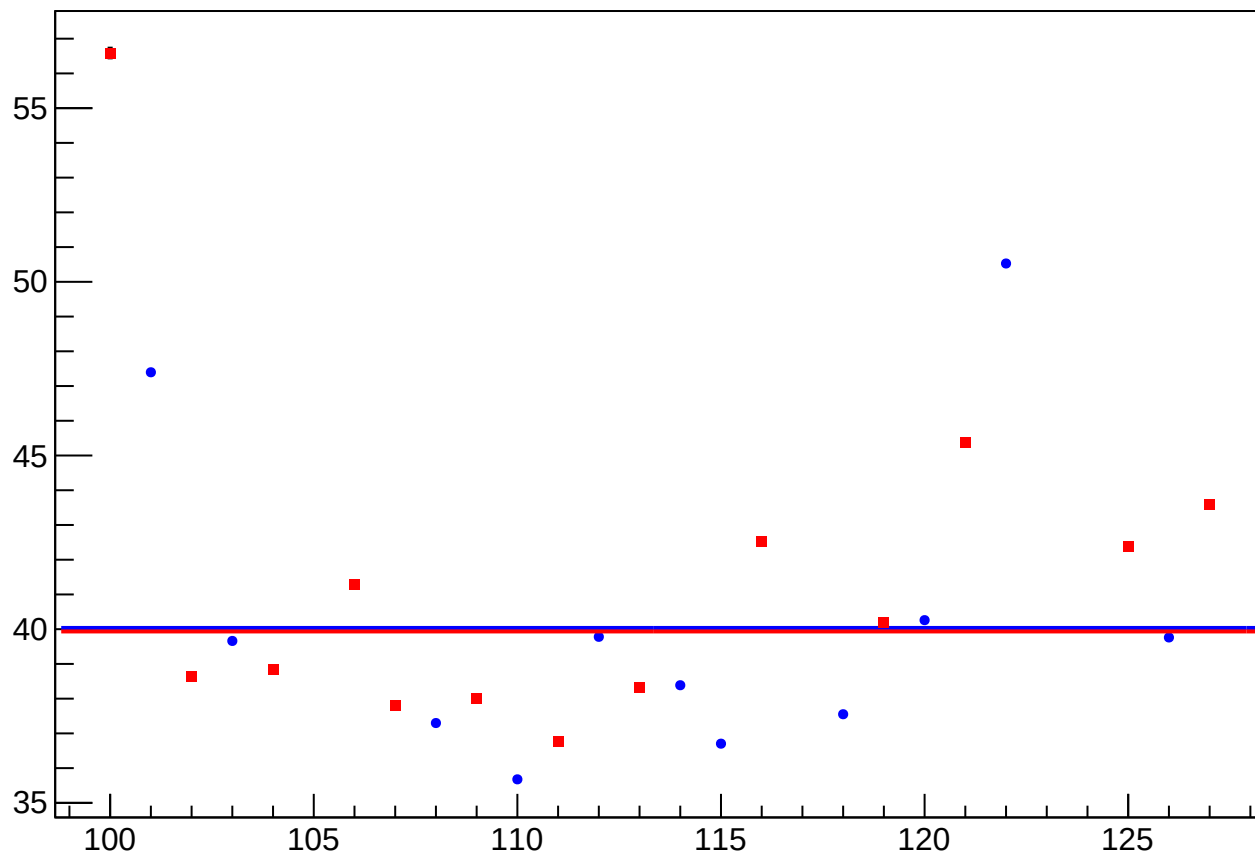
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.011 $\pm$ 0.013 χ^2 /NDF: 23.4/23

- 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: 40.036 $\pm$ 0.014 χ^2 /NDF: 85888.8/10

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

Right Out: 39.935 $\pm$ 0.012 χ^2 /NDF: 49426.9/12

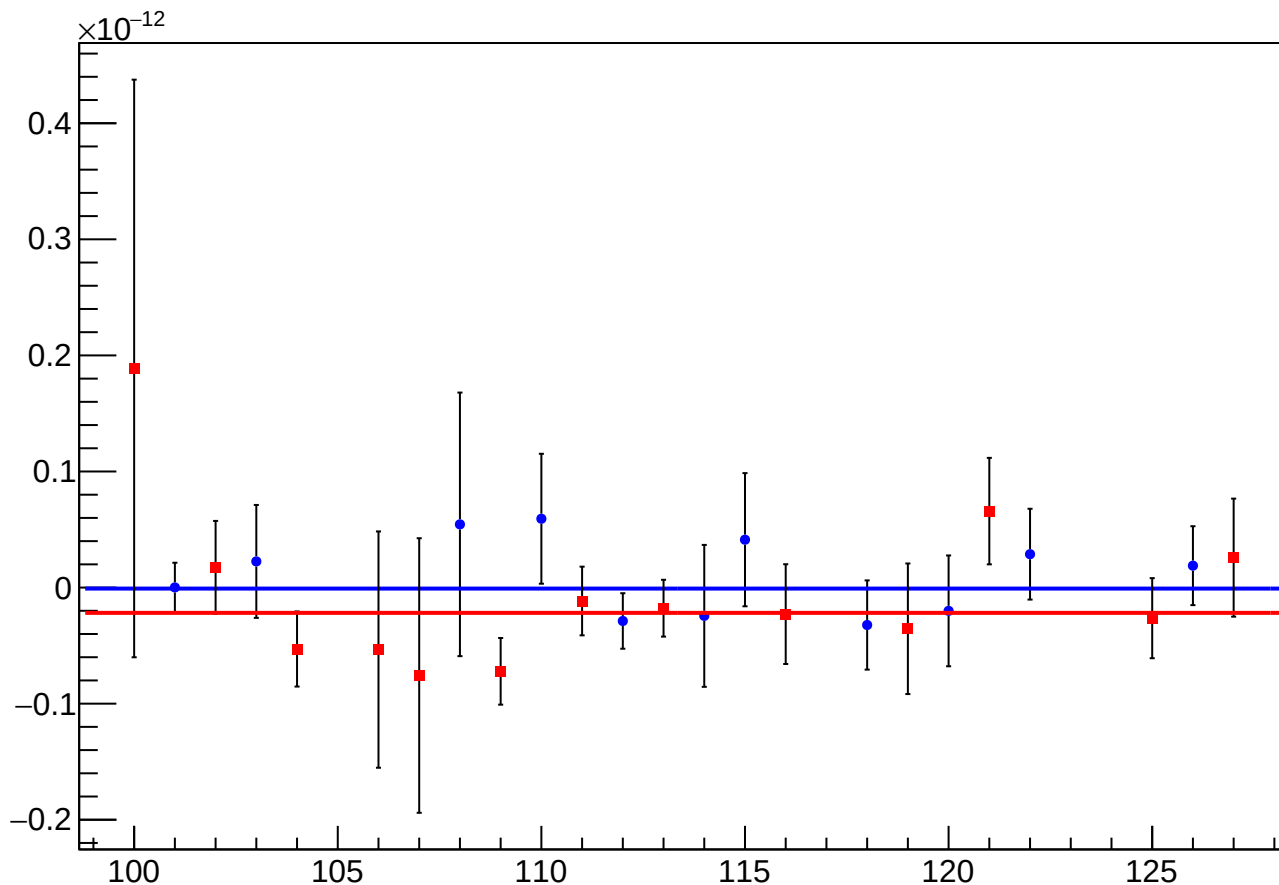
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 39.981 $\pm$ 0.009 χ^2 /NDF: 135345.0/23

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

asym_us_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 5.4/10

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

Right Out: -0.000 ± 0.000 χ^2/NDF : 10.7/12

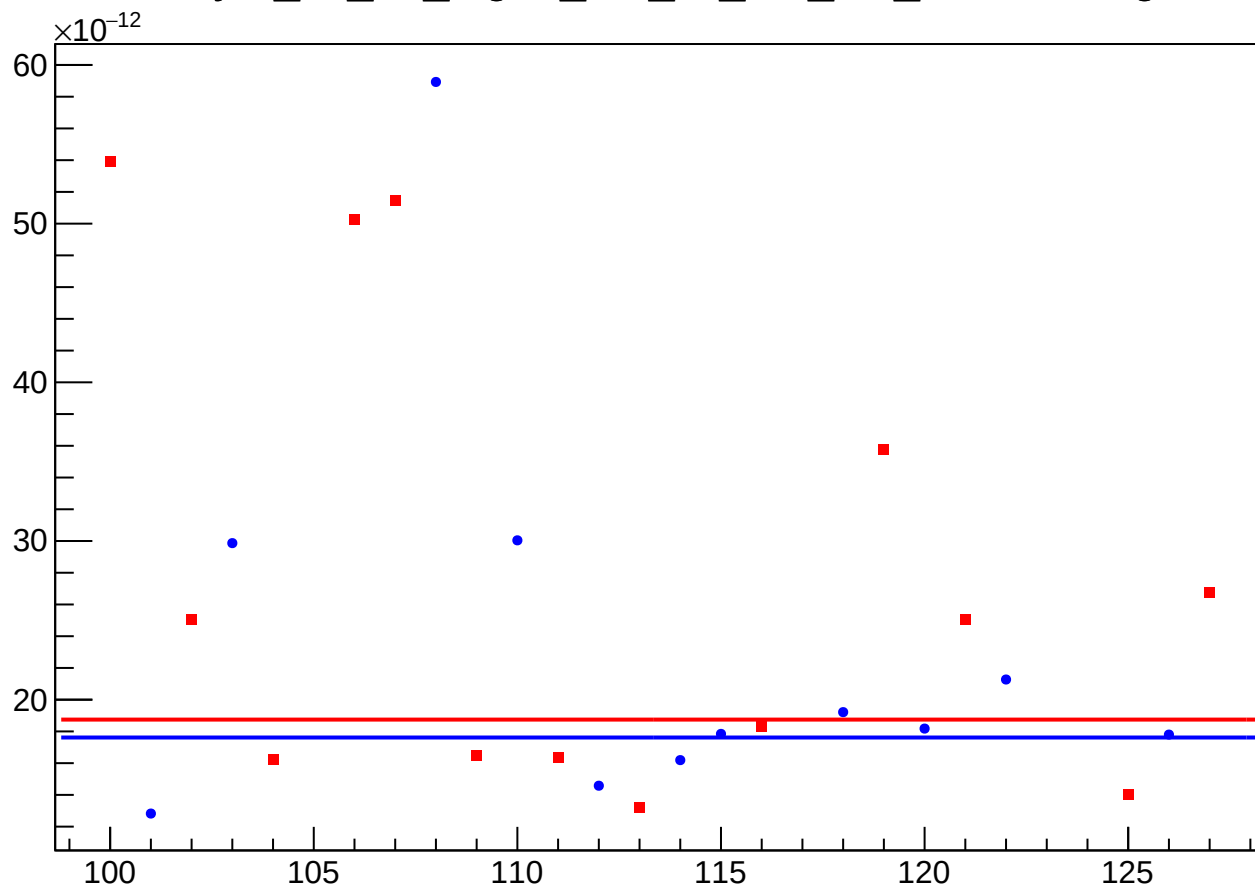
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 17.9/23

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 646606.6/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 883663.4/12

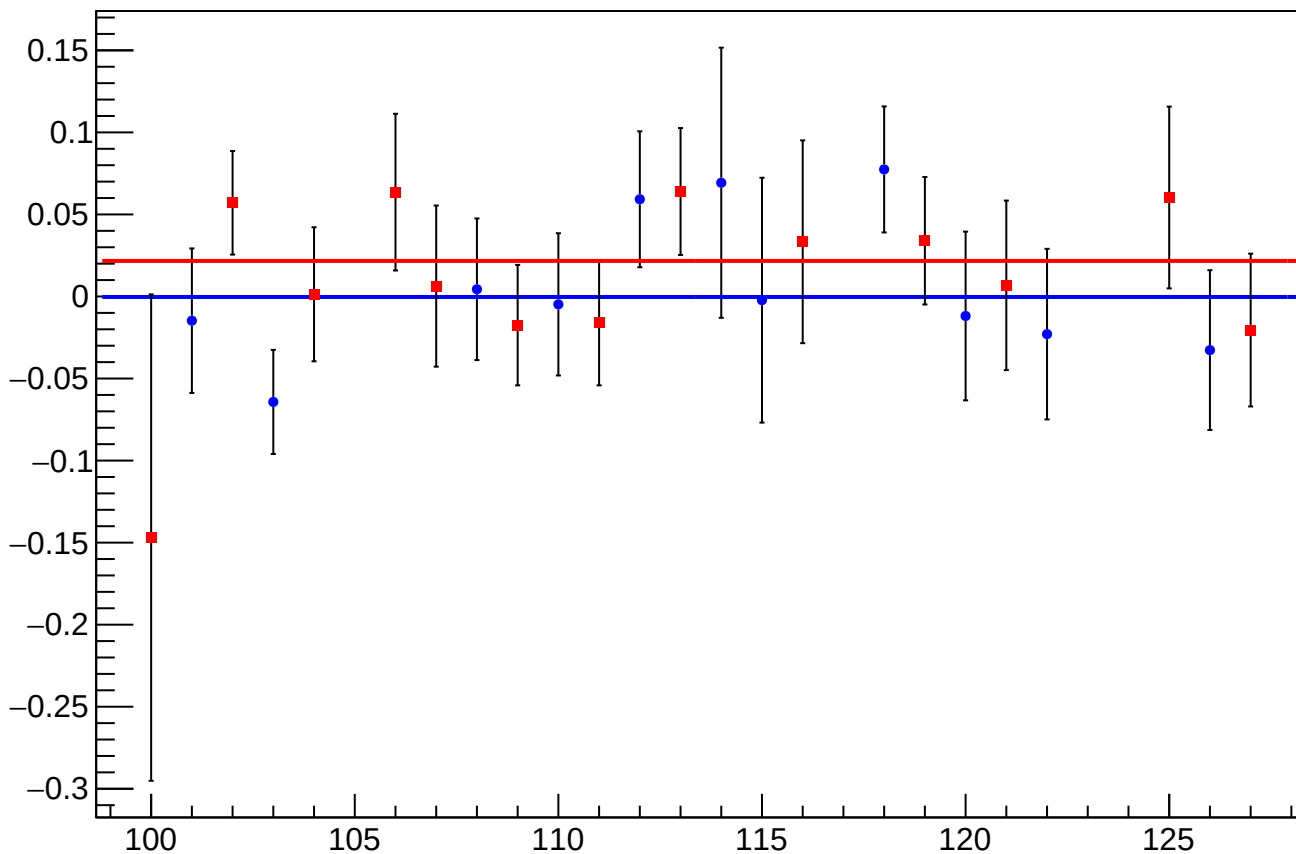
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1540682.5/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_overload_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.014 χ^2 /NDF: 11.8/10

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

Right Out: 0.022+/-0.012 χ^2 /NDF: 8.5/12

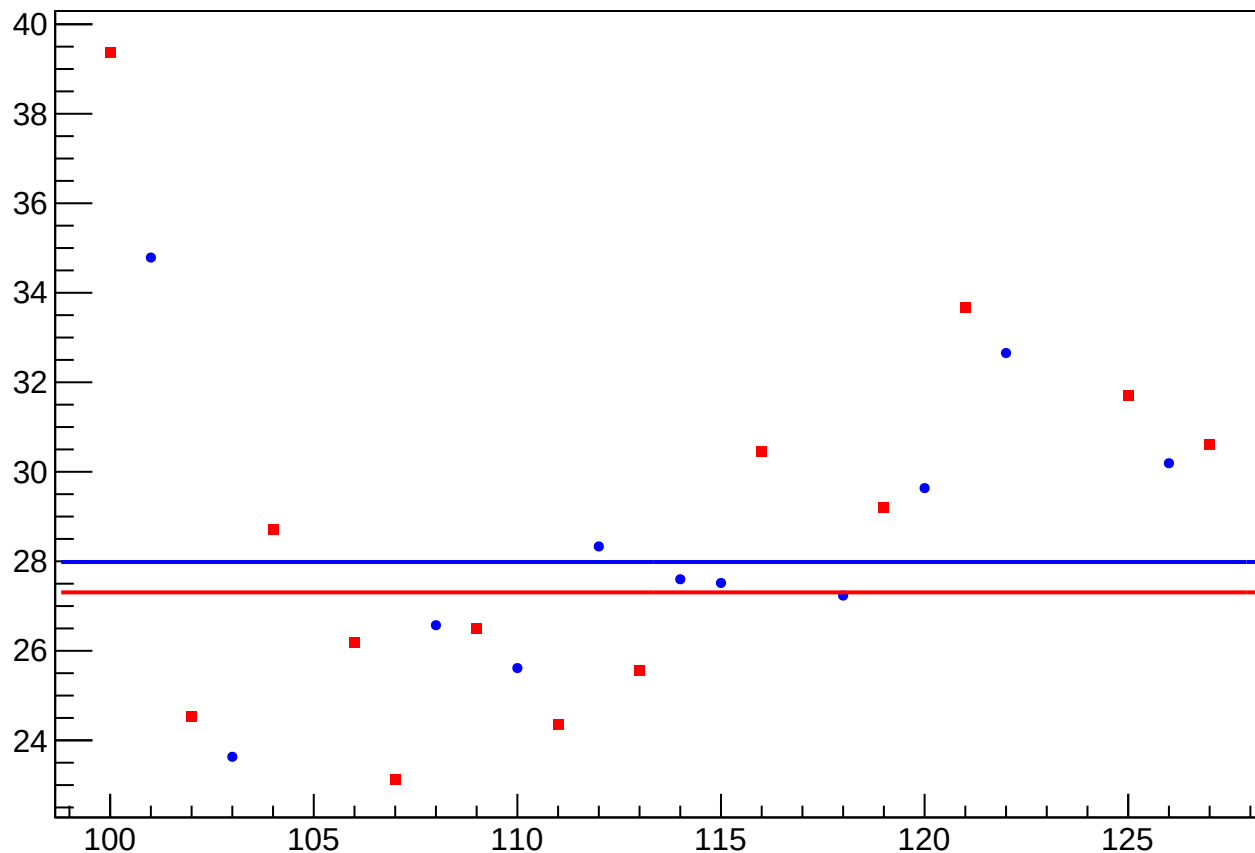
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.012+/-0.009 χ^2 /NDF: 21.7/23

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_dd_overload_cor_vs_cor_diff_rms vs Slug



Right In: 27.984+/-0.010 χ^2/NDF : 116875.2/10

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

Right Out: 27.306+/-0.009 χ^2/NDF : 126709.3/12

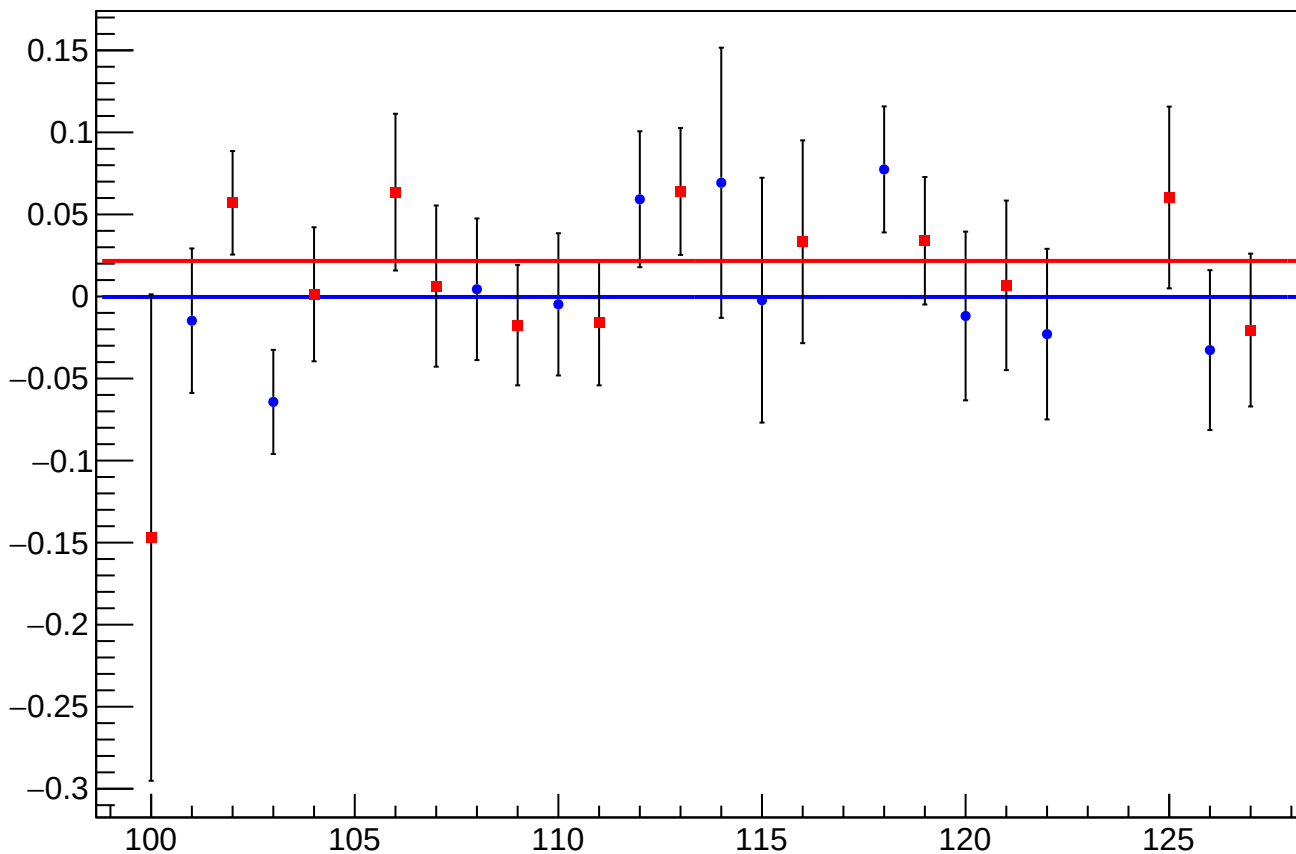
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.607+/-0.006 χ^2/NDF : 246315.2/23

- 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: -0.000+/-0.014 χ^2/NDF : 11.8/10

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

Right Out: 0.022+/-0.012 χ^2/NDF : 8.5/12

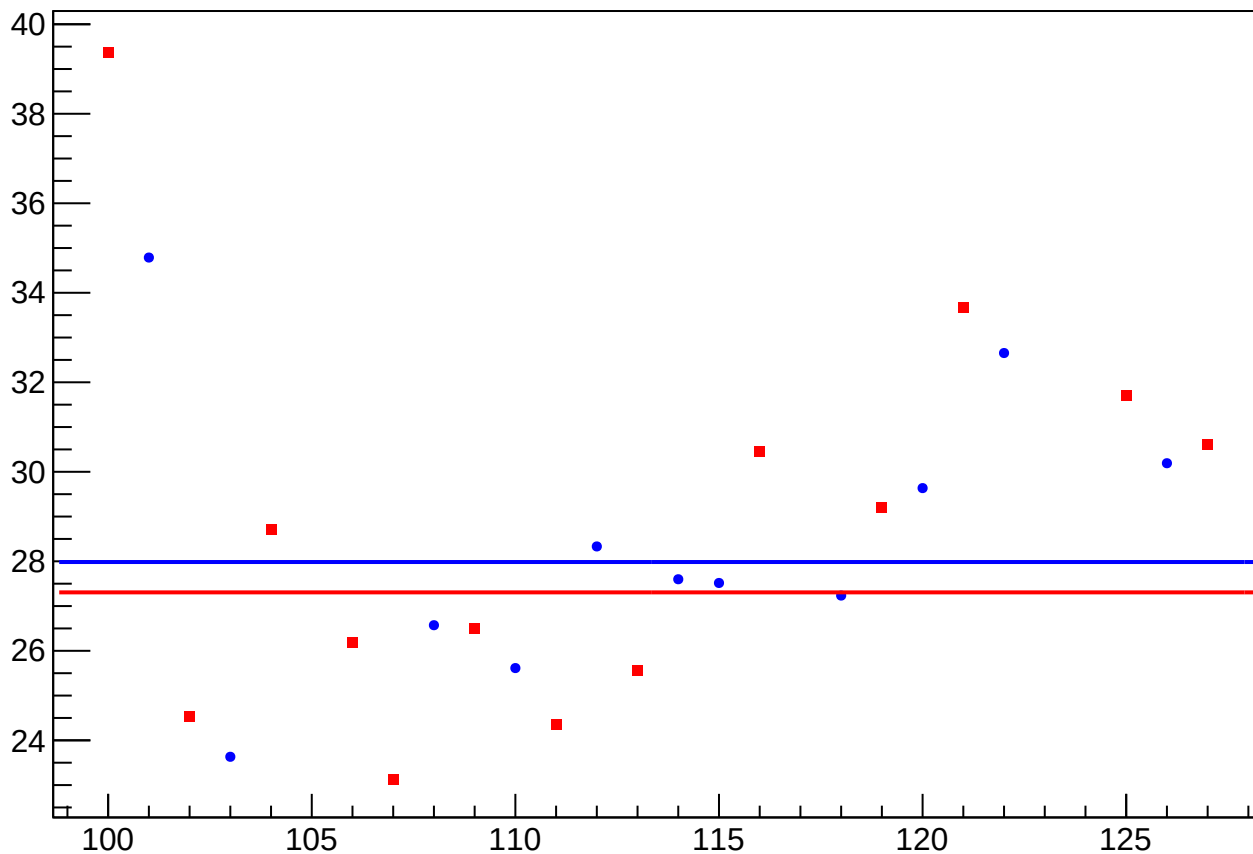
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.009 χ^2/NDF : 21.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_overload_cor_vs_eigen_cor_diff_rms vs Slug



Right In: 27.984 $\pm$ 0.010 χ^2 /NDF: 116875.2/10

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

Right Out: 27.306 $\pm$ 0.009 χ^2 /NDF: 126709.3/12

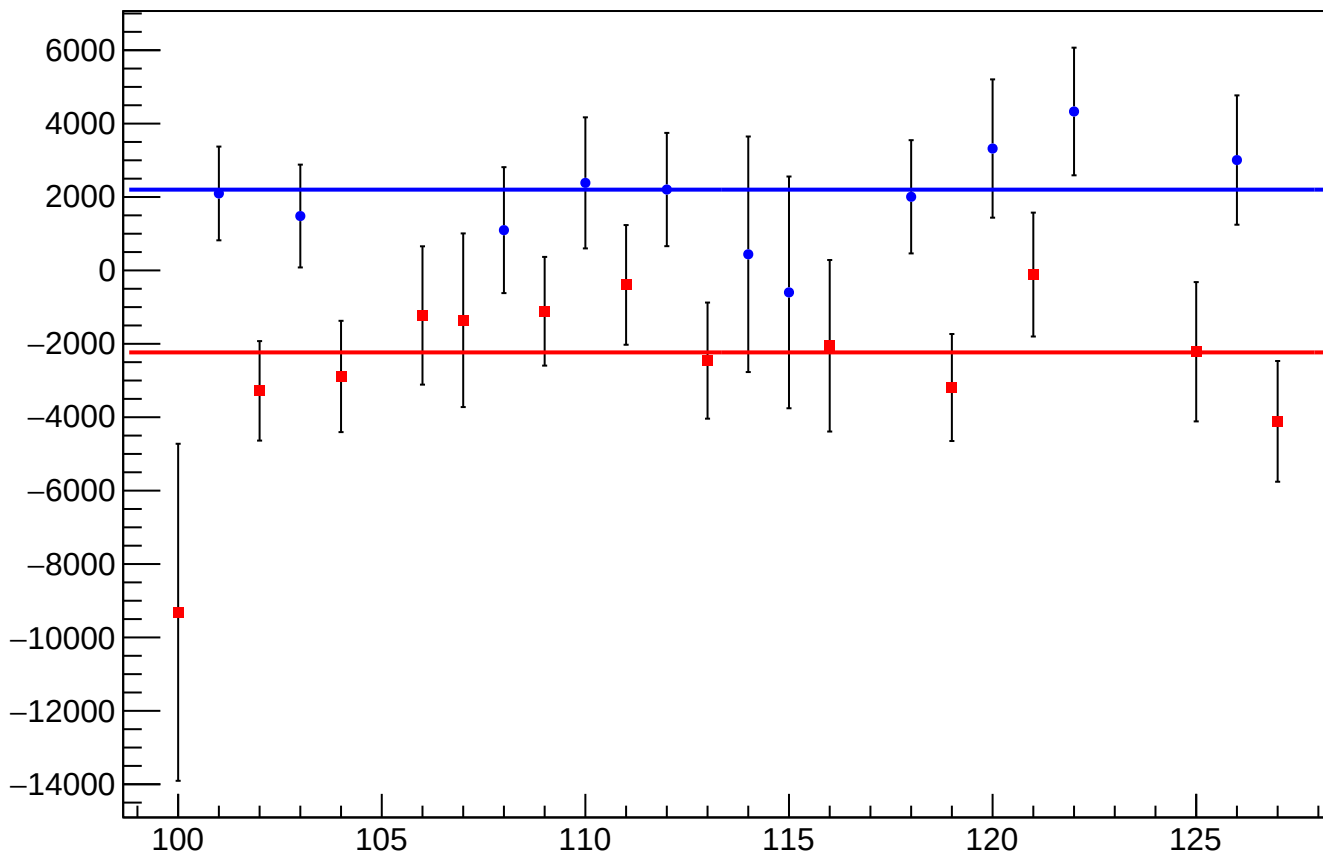
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 27.607 $\pm$ 0.006 χ^2 /NDF: 246315.2/23

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

reg_asym_usl_mean vs Slug



Right In: 2200.733+/-516.525 χ^2/NDF : 3.9/10

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

Right Out: -2233.815+/-478.320 χ^2/NDF : 8.8/12

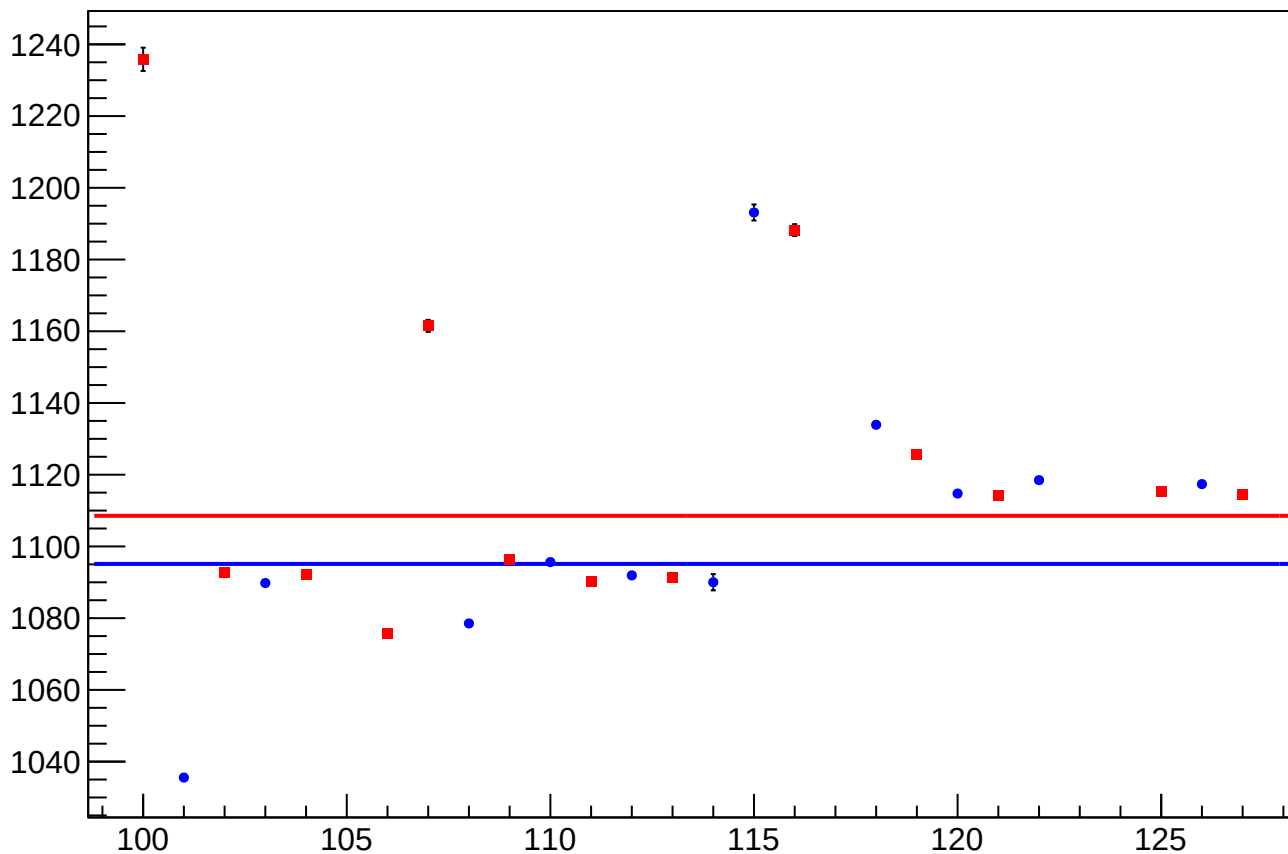
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -186.590+/-350.954 χ^2/NDF : 52.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_rms vs Slug



Right In: 1095.123+/-0.365 χ^2/NDF : 8670.3/10

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

Right Out: 1108.541+/-0.338 χ^2/NDF : 6943.8/12

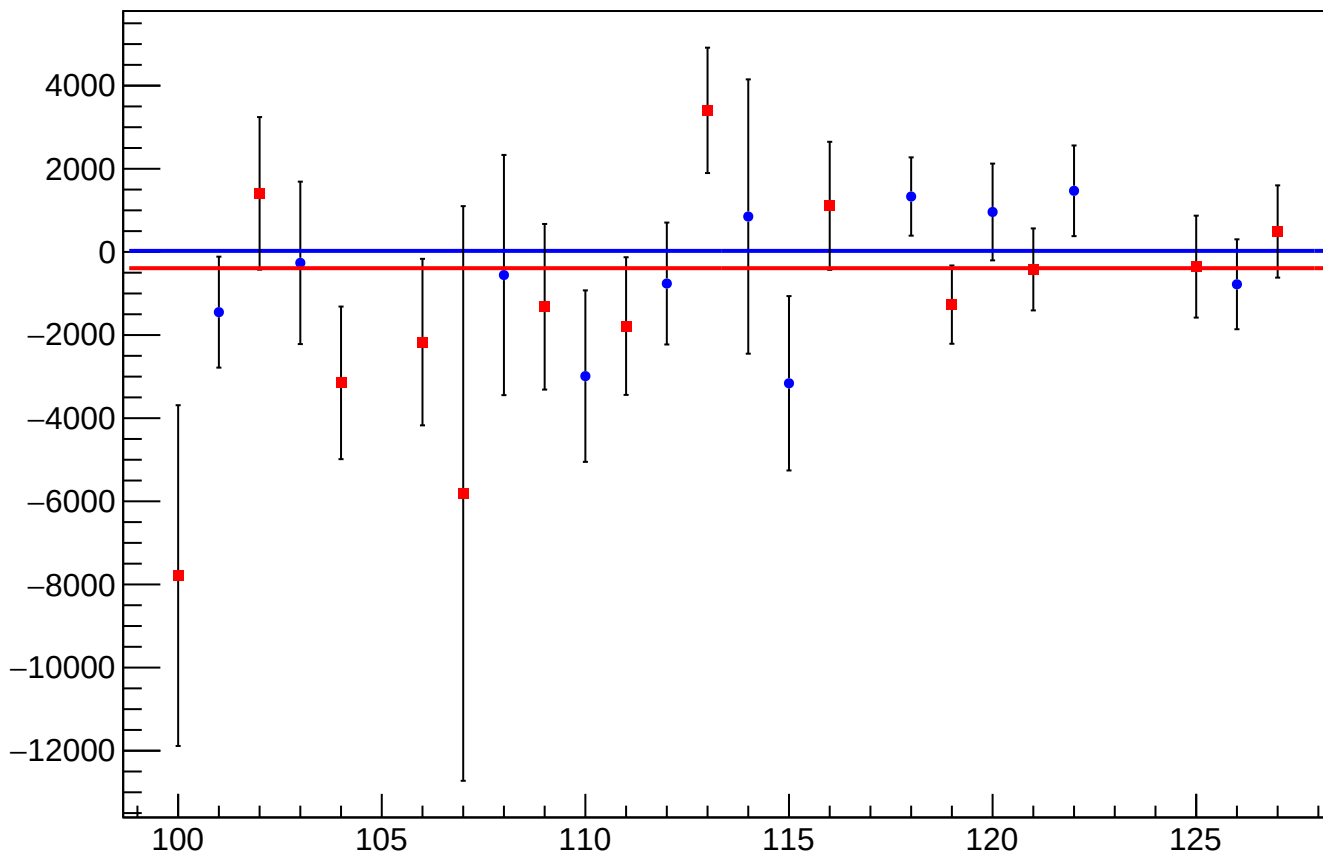
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1102.346+/-0.248 χ^2/NDF : 16340.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_reg_correction_mean vs Slug



Right In: 24.739+/-425.521 χ^2 /NDF: 11.0/10

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

Right Out: -391.369+/-407.048 χ^2 /NDF: 17.6/12

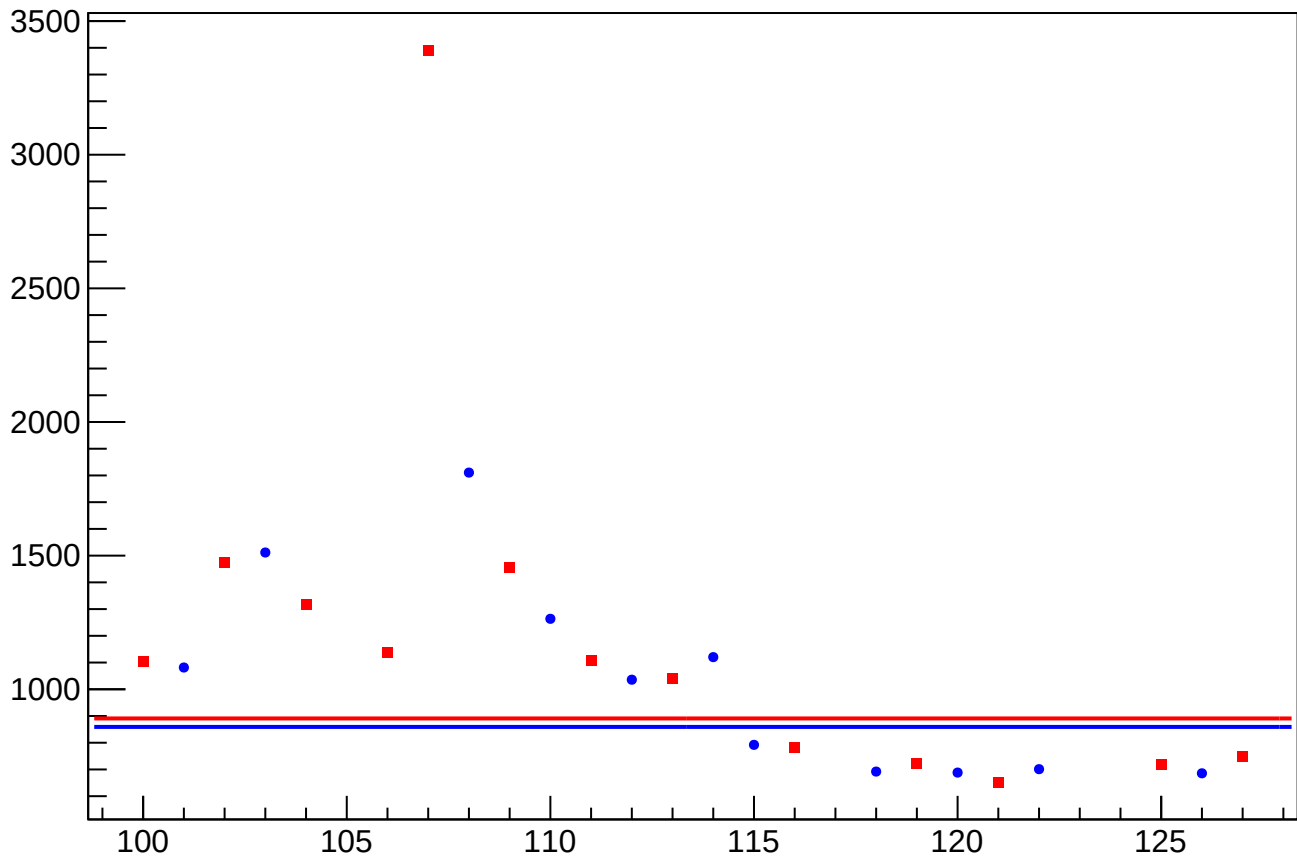
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -192.543+/-294.140 χ^2 /NDF: 29.0/23

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_reg_correction_rms vs Slug



Right In: 859.152+/-0.301 χ^2/NDF : 815402.0/10

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

Right Out: 890.830+/-0.288 χ^2/NDF : 1084479.9/12

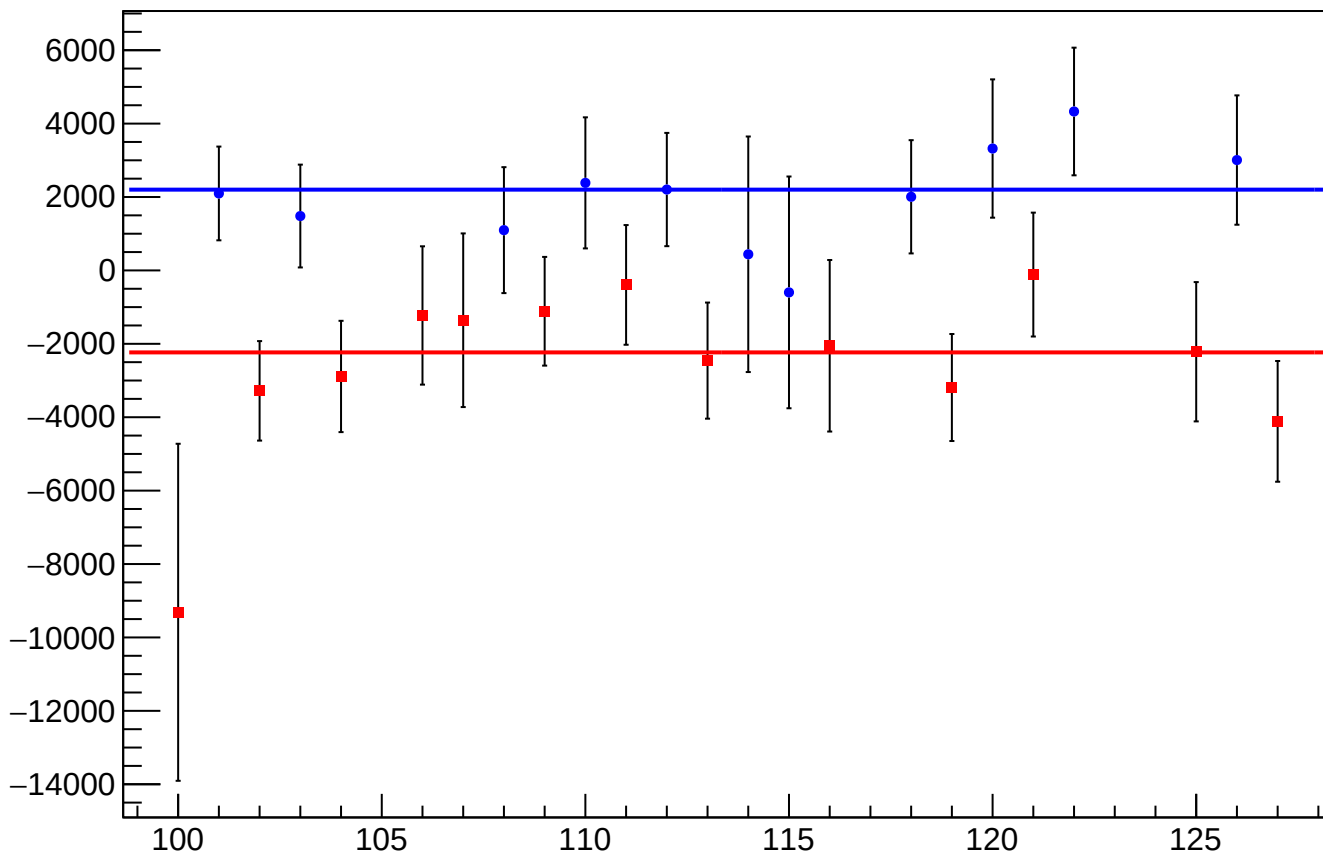
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 875.694+/-0.208 χ^2/NDF : 1905669.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_mean vs Slug



Right In: 2200.733+/-516.525 χ^2/NDF : 3.9/10

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

Right Out: -2233.815+/-478.320 χ^2/NDF : 8.8/12

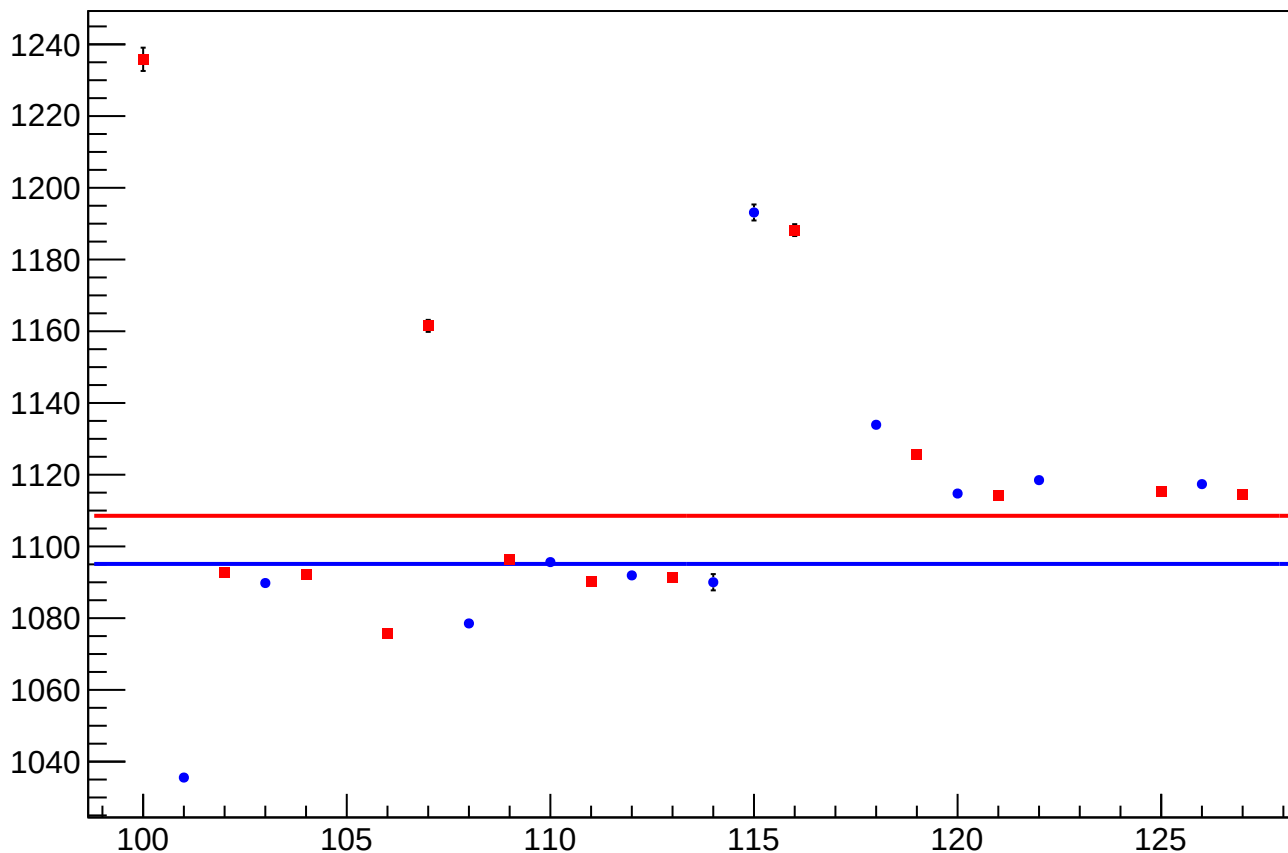
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -186.590+/-350.954 χ^2/NDF : 52.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_rms vs Slug



Right In: 1095.123+/-0.365 χ^2/NDF : 8670.3/10

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

Right Out: 1108.541+/-0.338 χ^2/NDF : 6943.8/12

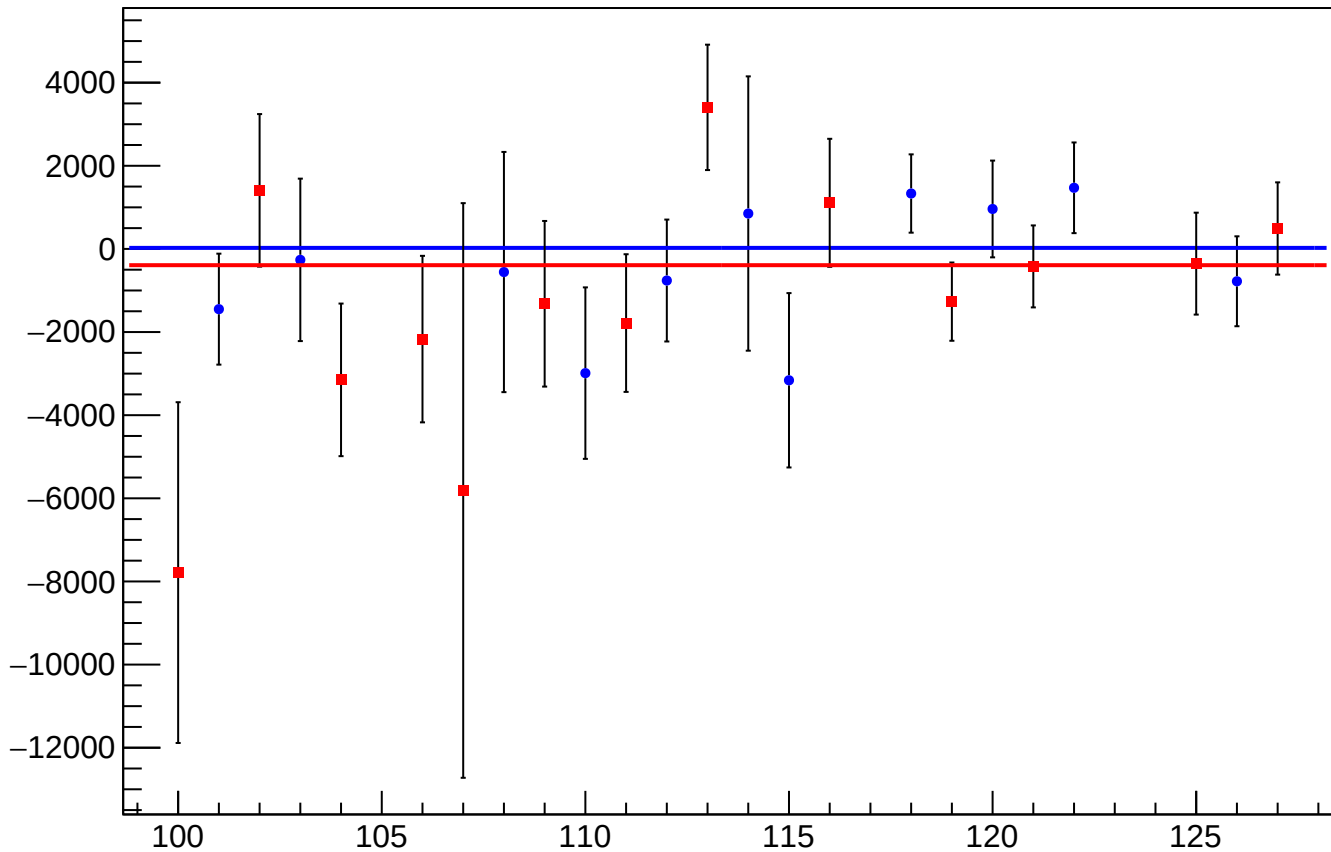
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1102.346+/-0.248 χ^2/NDF : 16340.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_cor_correction_mean vs Slug



Right In: 24.739+/-425.521 χ^2 /NDF: 11.0/10

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

Right Out: -391.369+/-407.048 χ^2 /NDF: 17.6/12

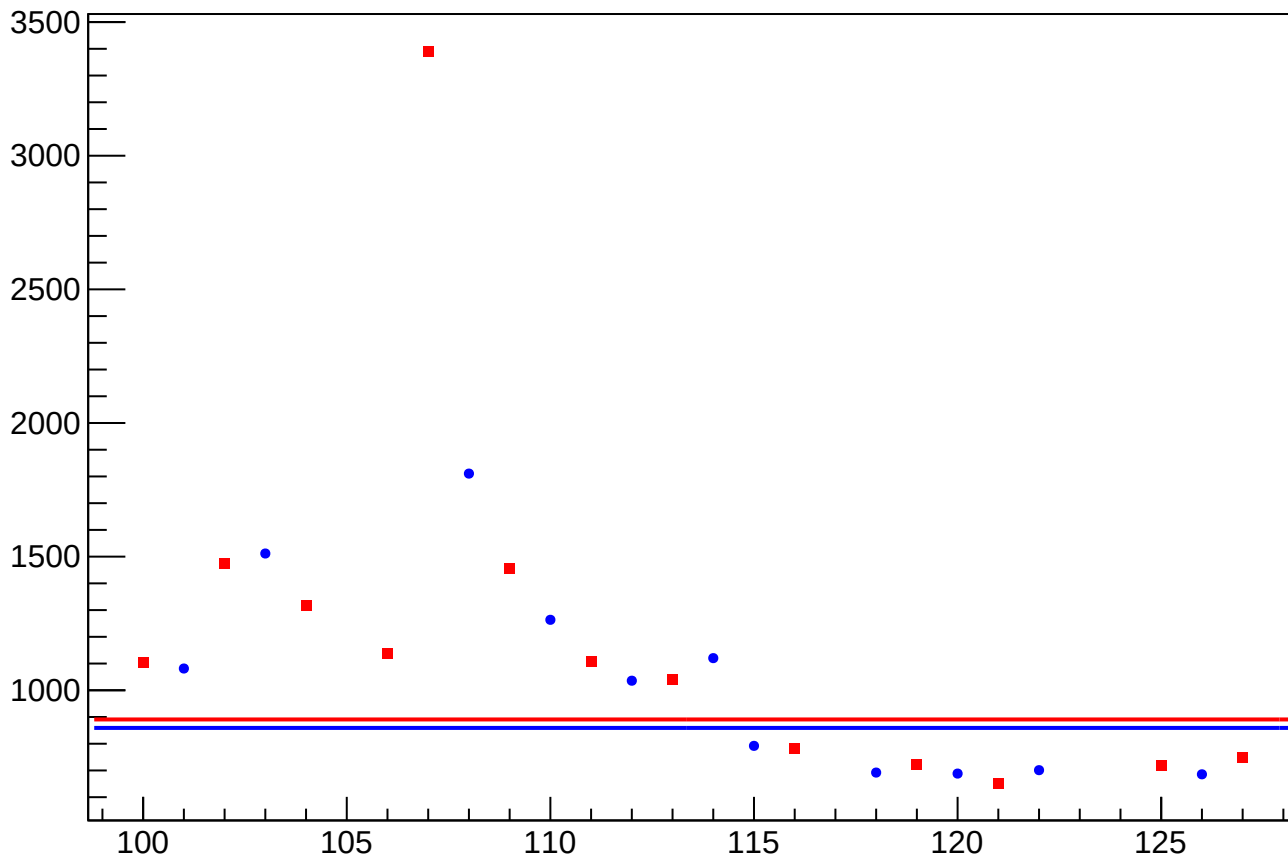
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -192.543+/-294.140 χ^2 /NDF: 29.0/23

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_cor_correction_rms vs Slug



Right In: 859.152+/-0.301 χ^2/NDF : 815402.0/10

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

Right Out: 890.830+/-0.288 χ^2/NDF : 1084479.9/12

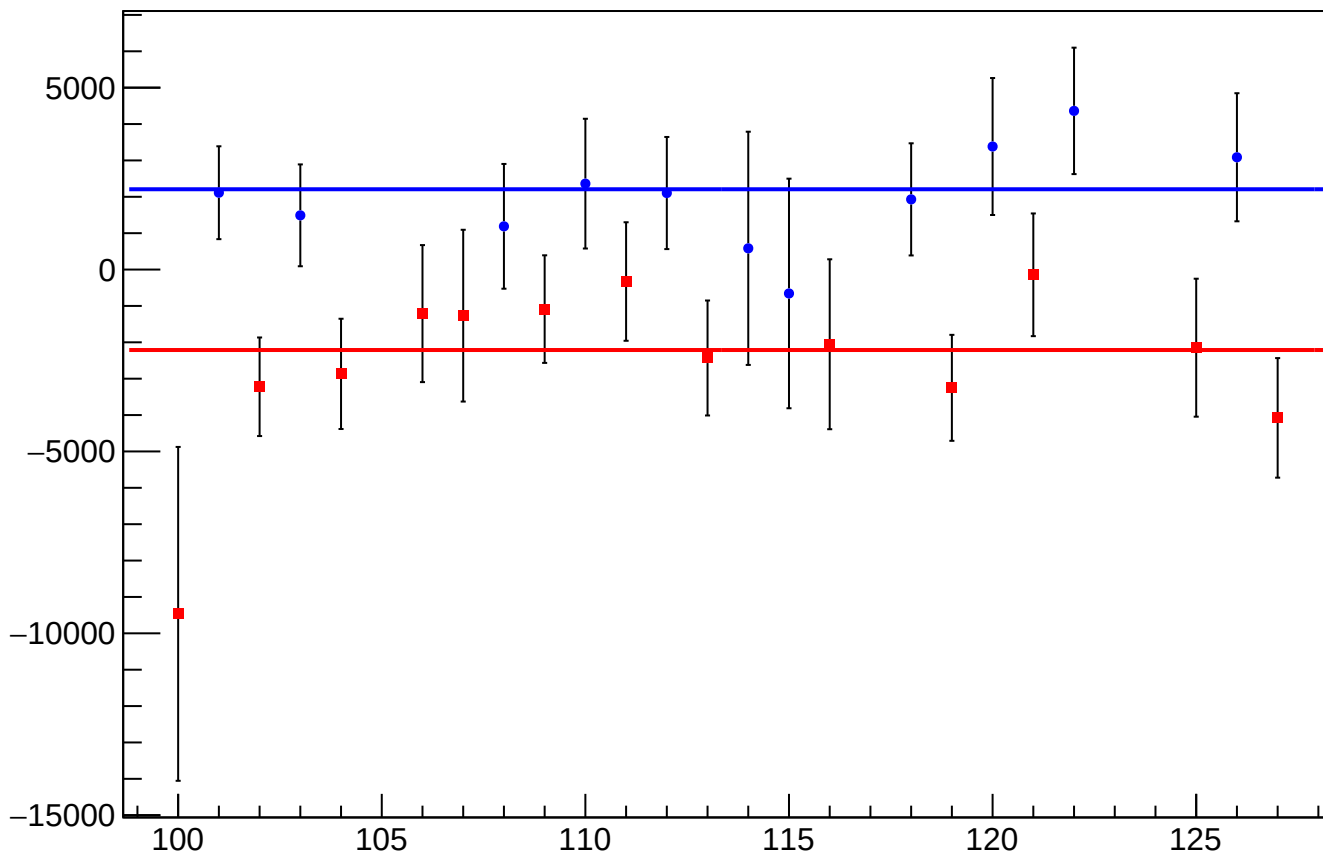
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 875.694+/-0.208 χ^2/NDF : 1905669.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

overload_cor_asym_usl_mean vs Slug



Right In: 2207.483+/-516.119 χ^2/NDF : 3.9/10

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

Right Out: -2211.854+/-477.925 χ^2/NDF : 8.9/12

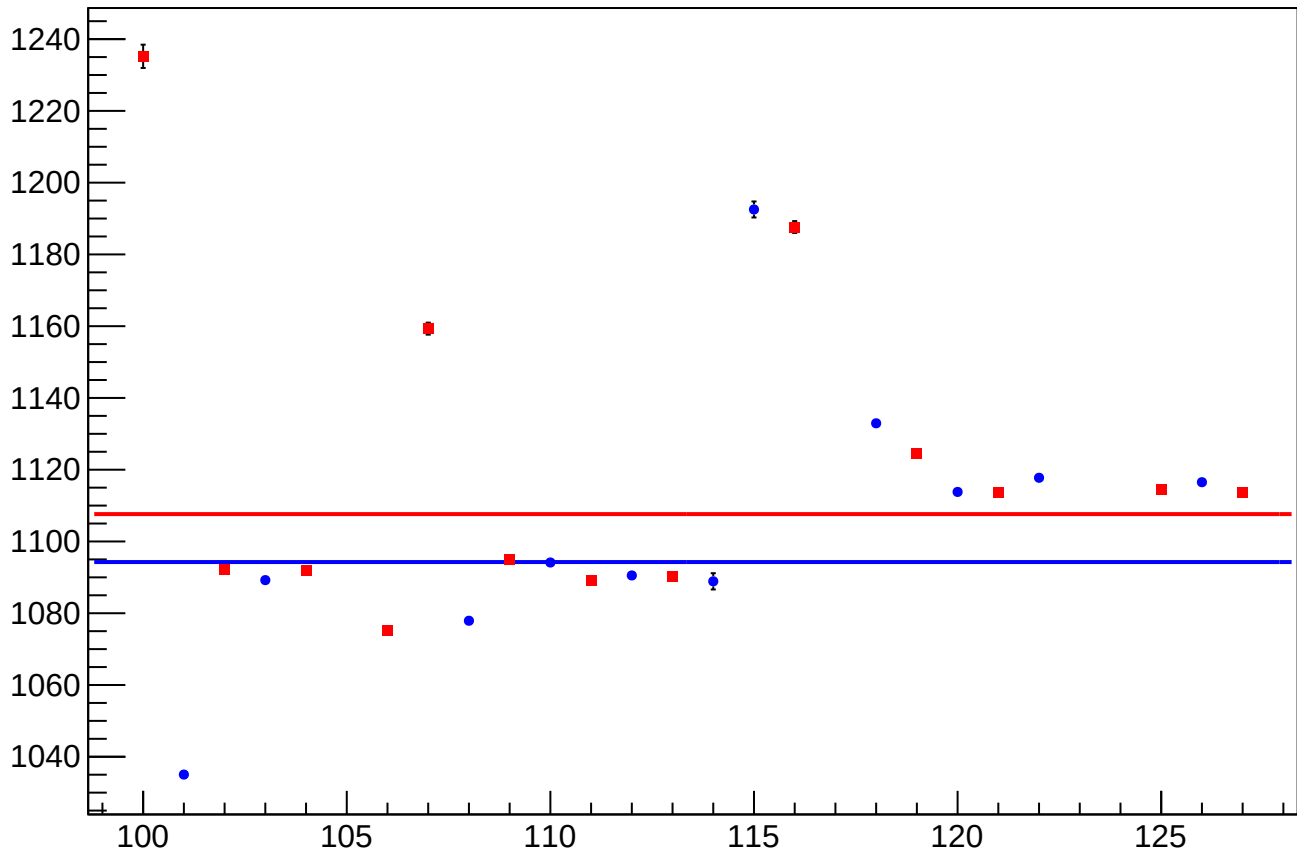
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -171.739+/-350.670 χ^2/NDF : 52.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

overload_cor_asym_usl_rms vs Slug



Right In: 1094.264+/-0.365 χ^2/NDF : 8629.5/10

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

Right Out: 1107.626+/-0.338 χ^2/NDF : 6917.7/12

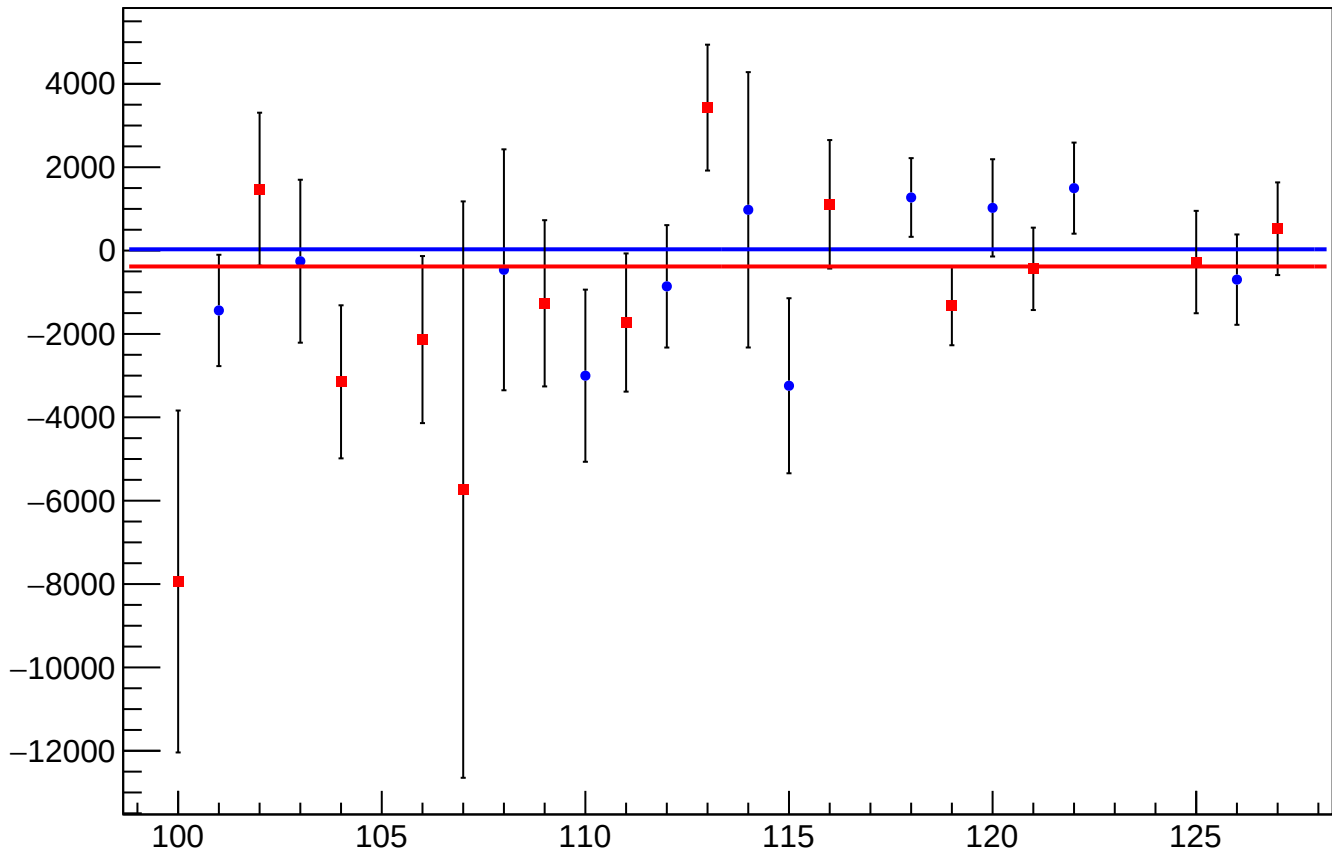
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1101.458+/-0.248 χ^2/NDF : 16268.9/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_overload_cor_correction_mean vs Slug



Right In: 30.817+/-426.213 χ^2/NDF : 11.0/10

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

Right Out: -381.170+/-407.656 χ^2/NDF : 17.9/12

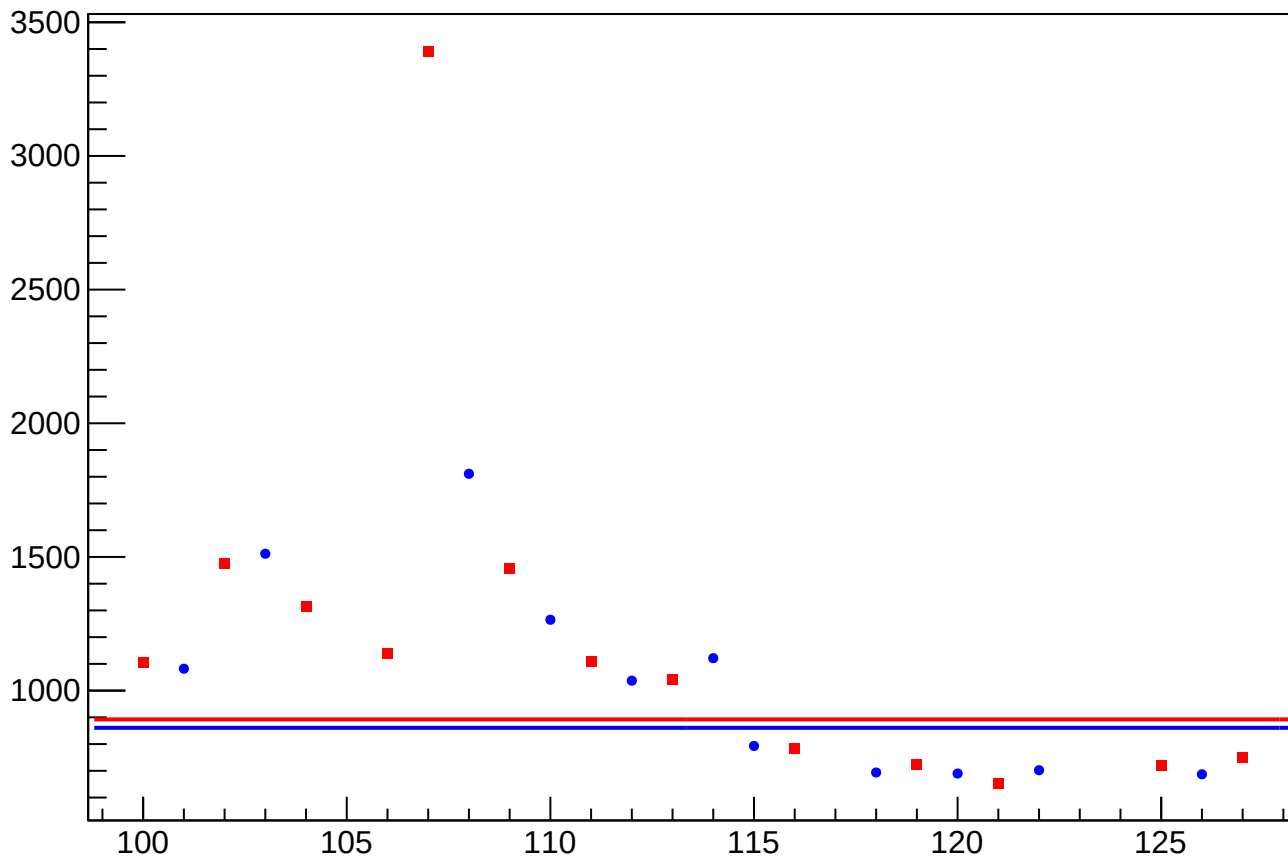
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -184.341+/-294.598 χ^2/NDF : 29.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_overload_cor_correction_rms vs Slug



Right In: 860.716+/-0.301 χ^2/NDF : 812321.7/10

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

Right Out: 892.330+/-0.288 χ^2/NDF : 1081030.1/12

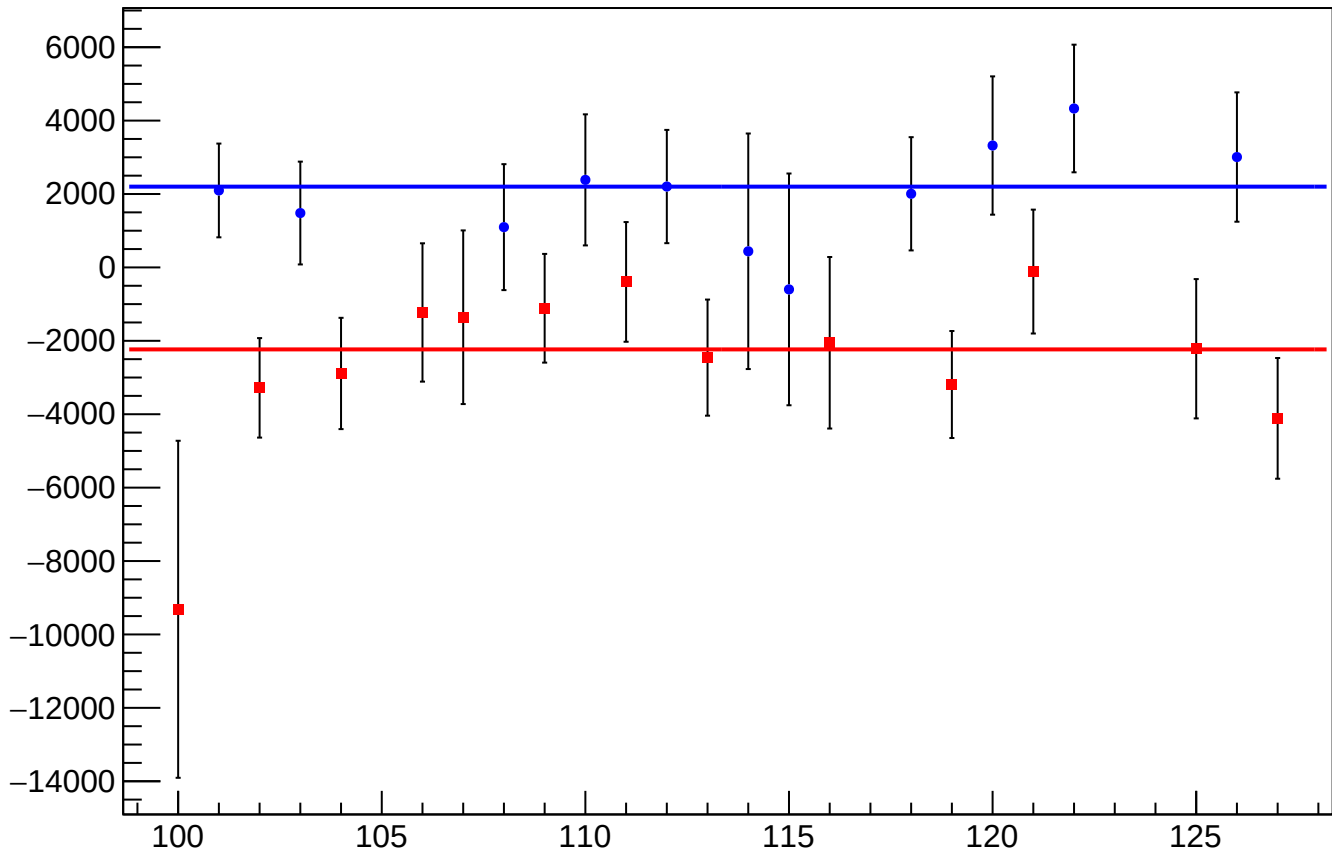
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 877.226+/-0.208 χ^2/NDF : 1899098.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_mean vs Slug



Right In: 2200.733+/-516.525 χ^2/NDF : 3.9/10

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

Right Out: -2233.815+/-478.320 χ^2/NDF : 8.8/12

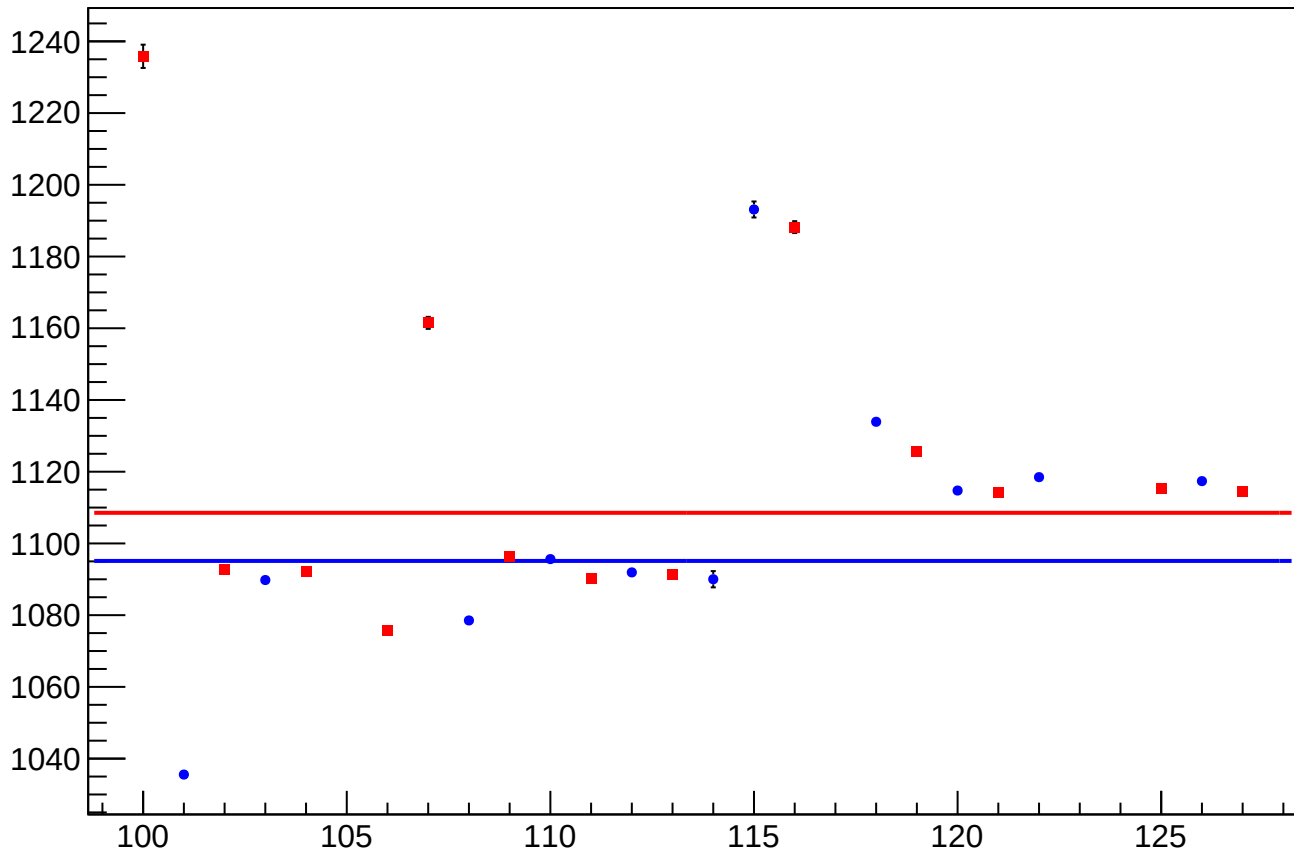
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -186.590+/-350.954 χ^2/NDF : 52.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_rms vs Slug



Right In: 1095.123+/-0.365 χ^2/NDF : 8670.3/10

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

Right Out: 1108.541+/-0.338 χ^2/NDF : 6943.8/12

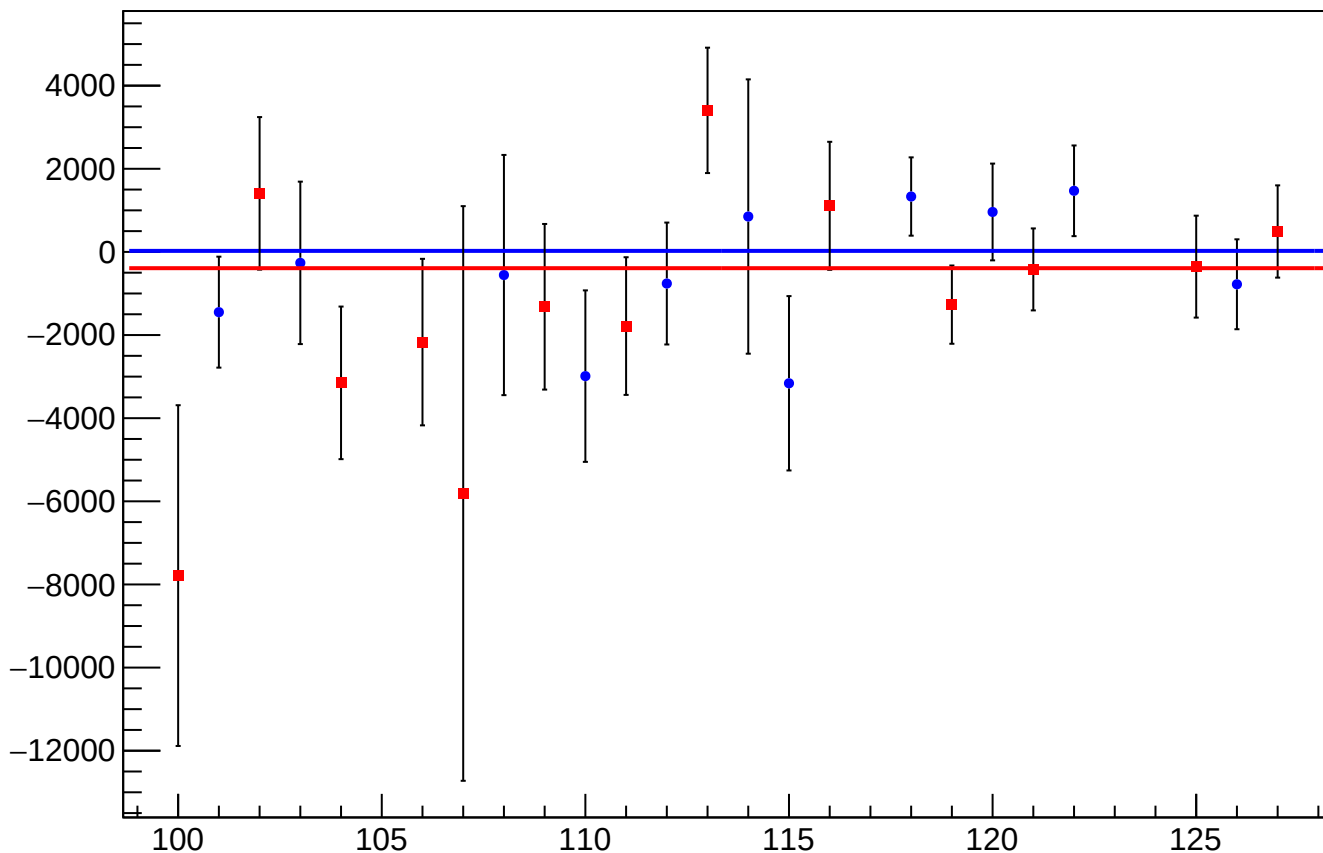
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1102.346+/-0.248 χ^2/NDF : 16340.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_cor_correction_mean vs Slug



Right In: 24.739+/-425.521 χ^2/NDF : 11.0/10

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

Right Out: -391.369+/-407.048 χ^2/NDF : 17.6/12

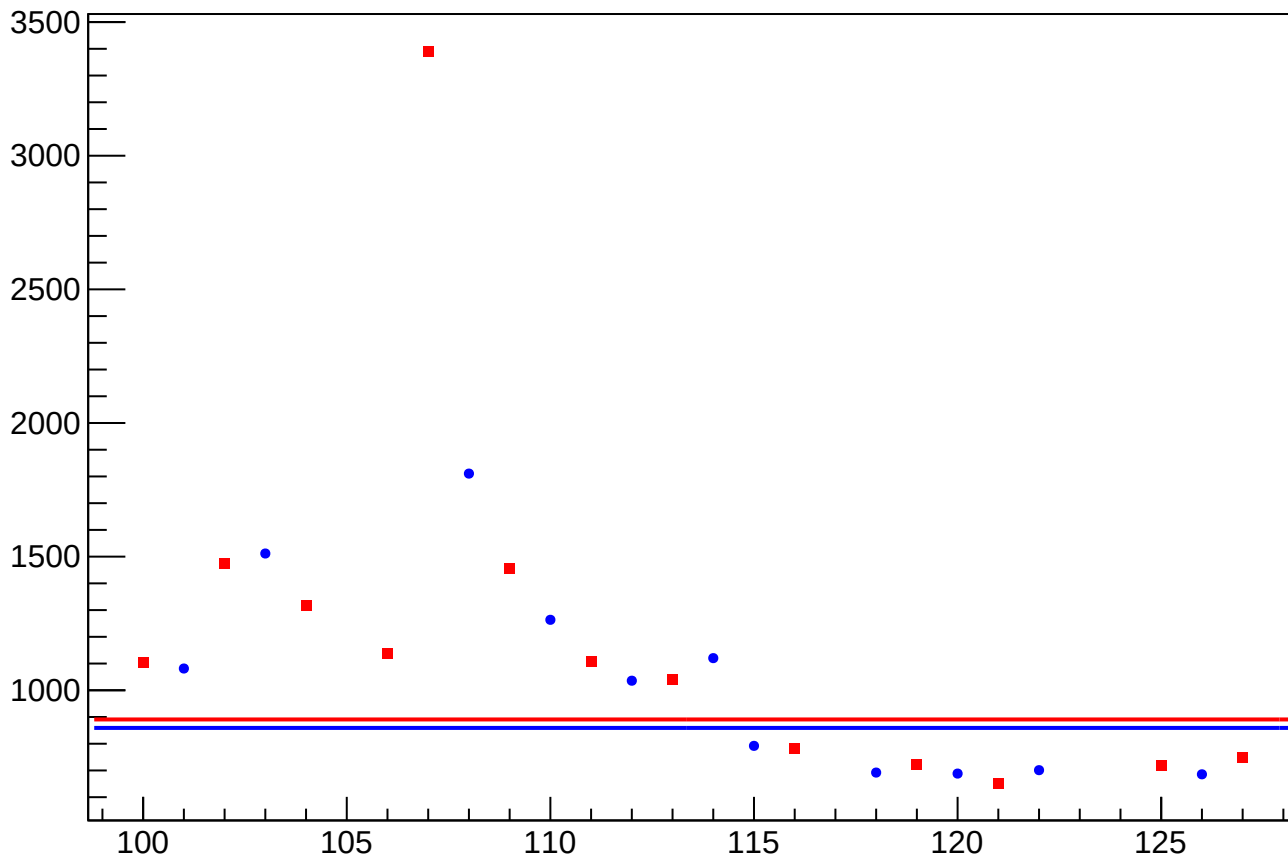
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -192.543+/-294.140 χ^2/NDF : 29.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_cor_correction_rms vs Slug



Right In: 859.152+/-0.301 χ^2/NDF : 815402.0/10

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

Right Out: 890.830+/-0.288 χ^2/NDF : 1084479.9/12

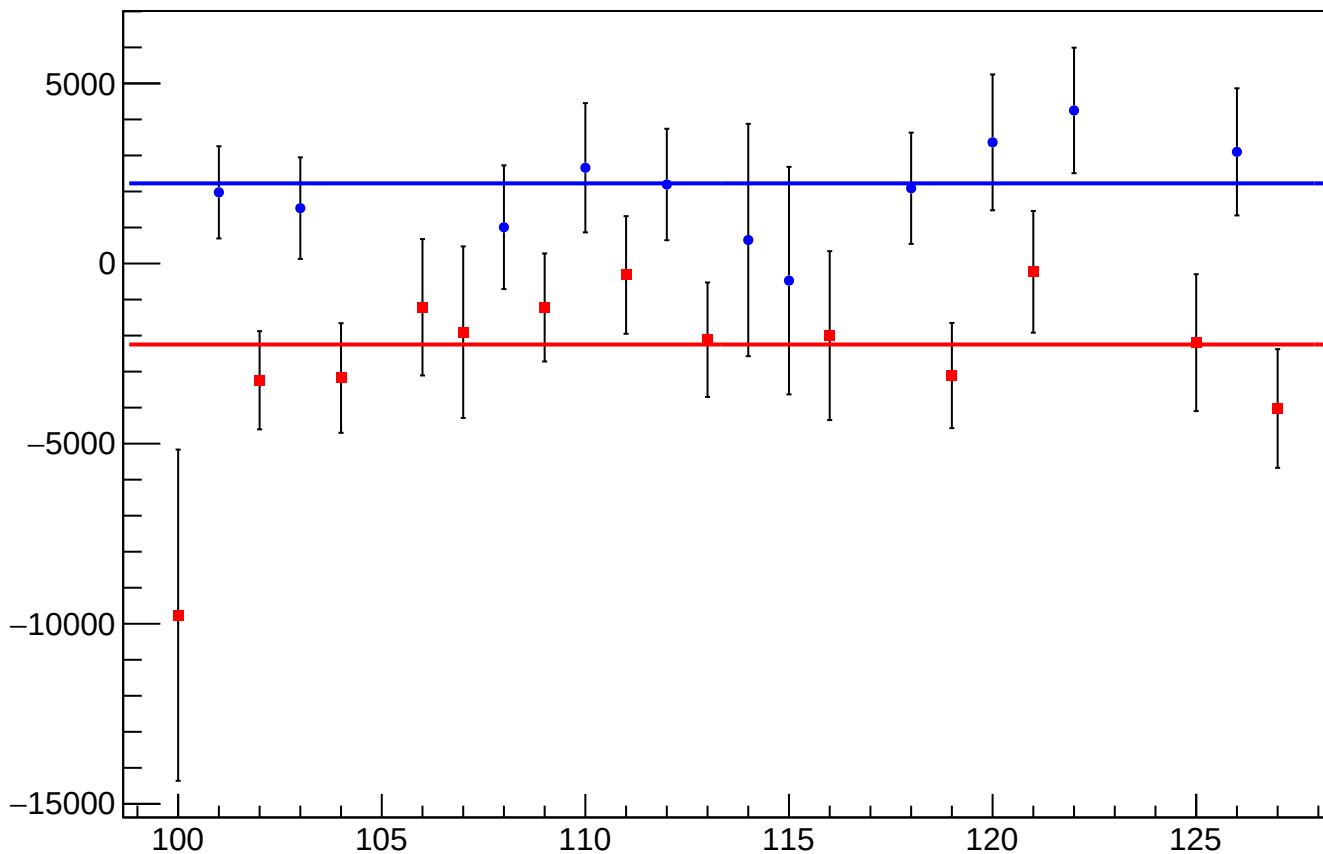
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 875.694+/-0.208 χ^2/NDF : 1905669.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_mean vs Slug



Right In: 2225.479+/-517.892 χ^2/NDF : 3.8/10

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

Right Out: -2248.017+/-480.208 χ^2/NDF : 8.7/12

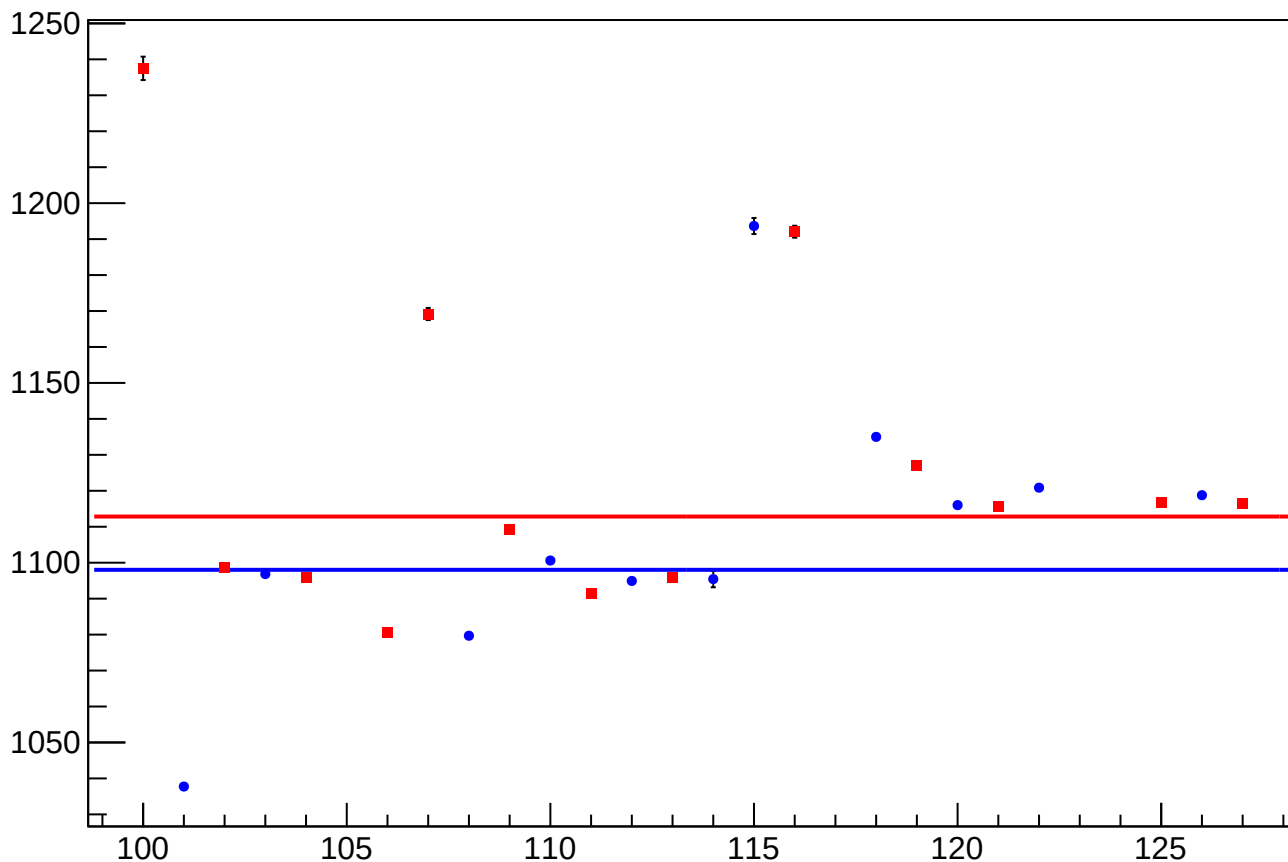
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -179.928+/-352.128 χ^2/NDF : 52.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_rms vs Slug



Right In: 1098.018+/-0.366 χ^2/NDF : 8461.5/10

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

Right Out: 1112.839+/-0.340 χ^2/NDF : 6710.1/12

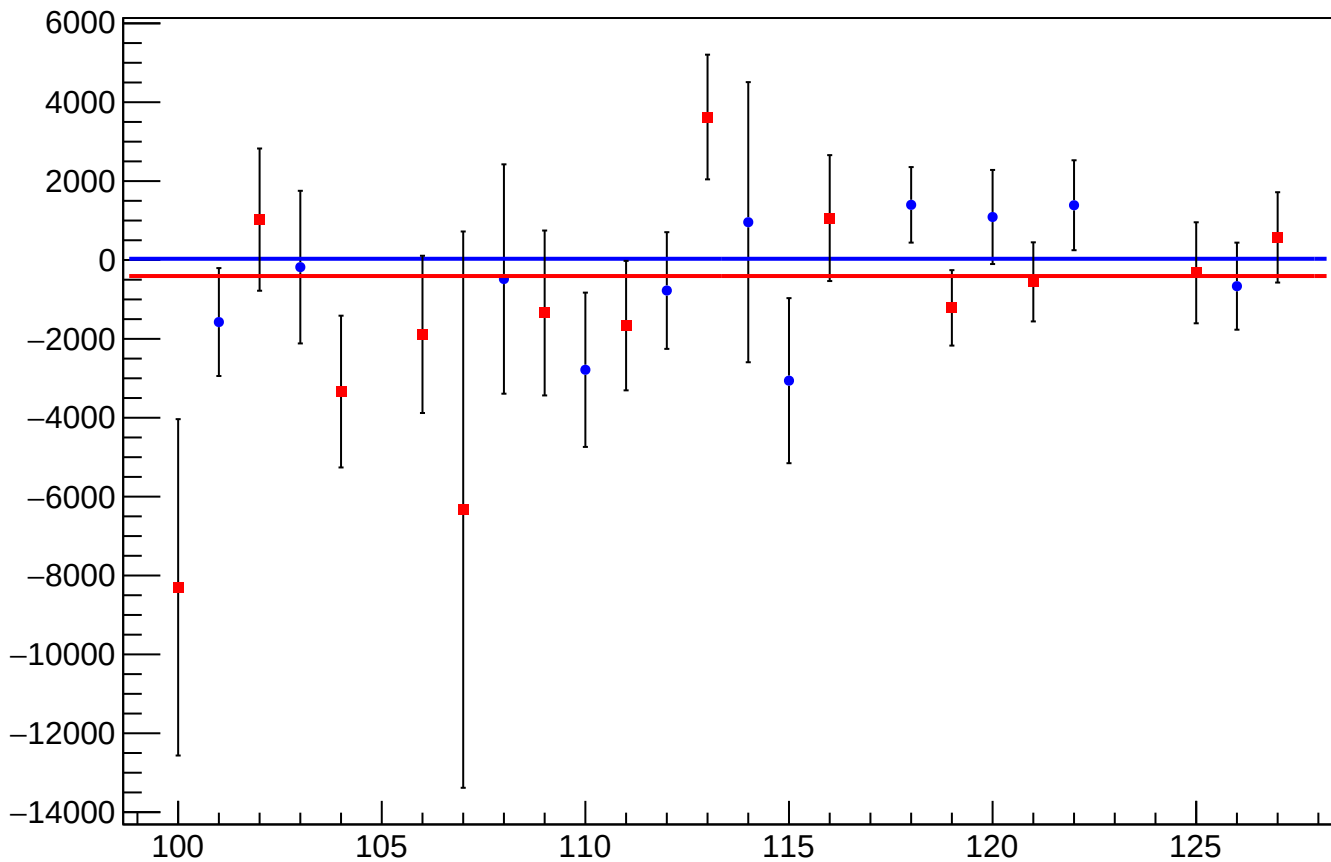
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1105.988+/-0.249 χ^2/NDF : 16052.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_dit_correction_mean vs Slug



Right In: 30.608+/-433.180 χ^2/NDF : 10.7/10

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

Right Out: -406.906+/-416.770 χ^2/NDF : 17.2/12

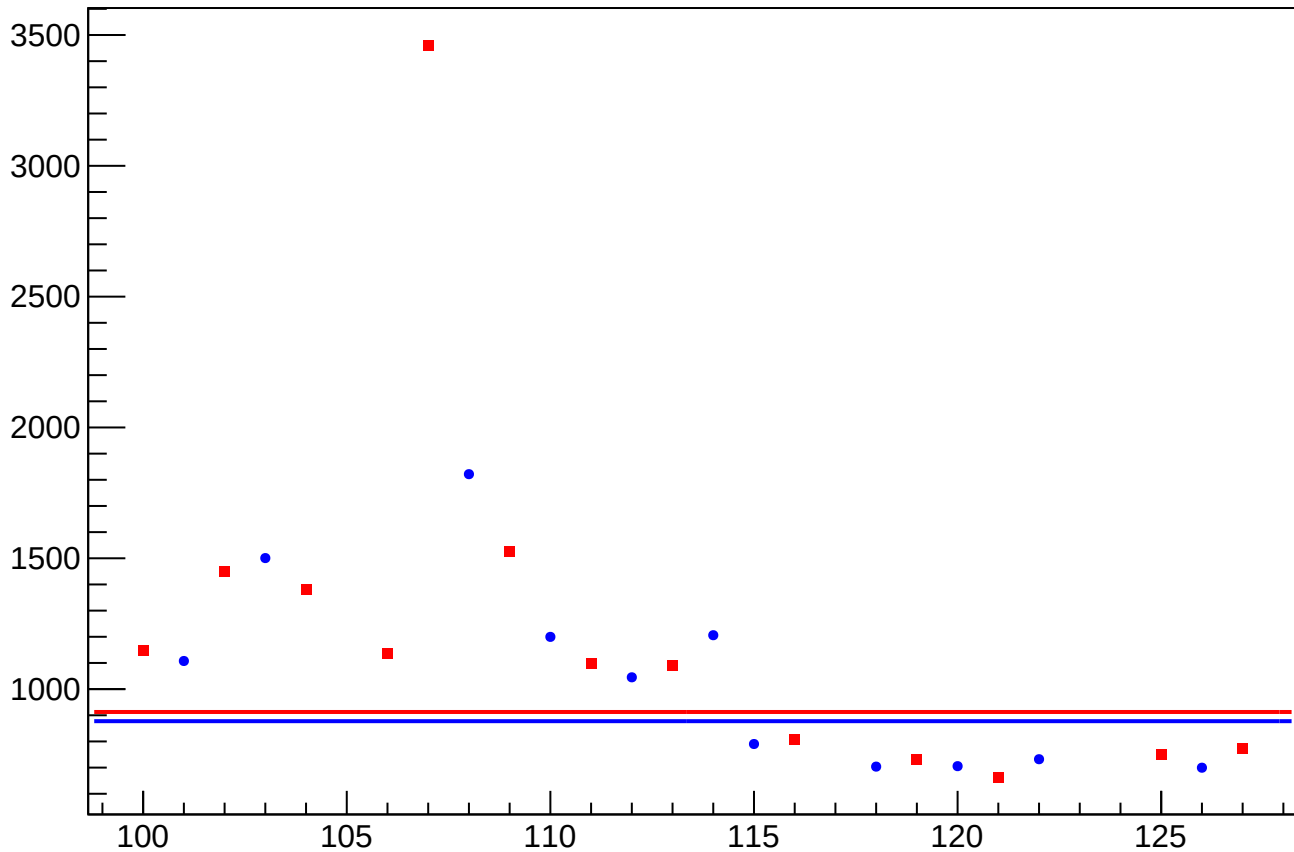
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -196.593+/-300.335 χ^2/NDF : 28.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_dit_correction_rms vs Slug



Right In: 877.454+/-0.306 χ^2/NDF : 767300.7/10

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

Right Out: 912.610+/-0.295 χ^2/NDF : 1077265.8/12

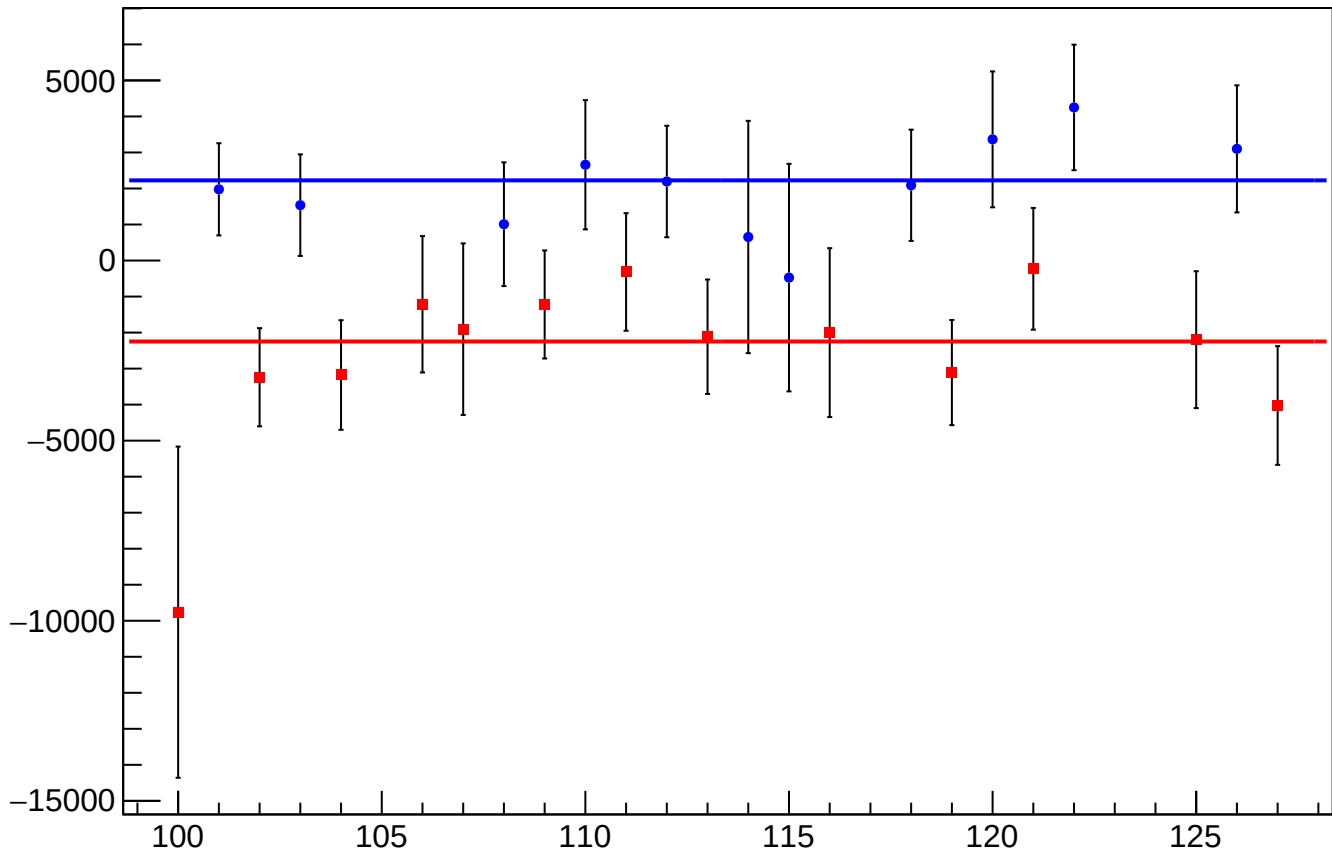
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 895.710+/-0.212 χ^2/NDF : 1851407.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_mean vs Slug



Right In: 2225.478+/-517.892 χ^2/NDF : 3.8/10

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

Right Out: -2248.014+/-480.208 χ^2/NDF : 8.7/12

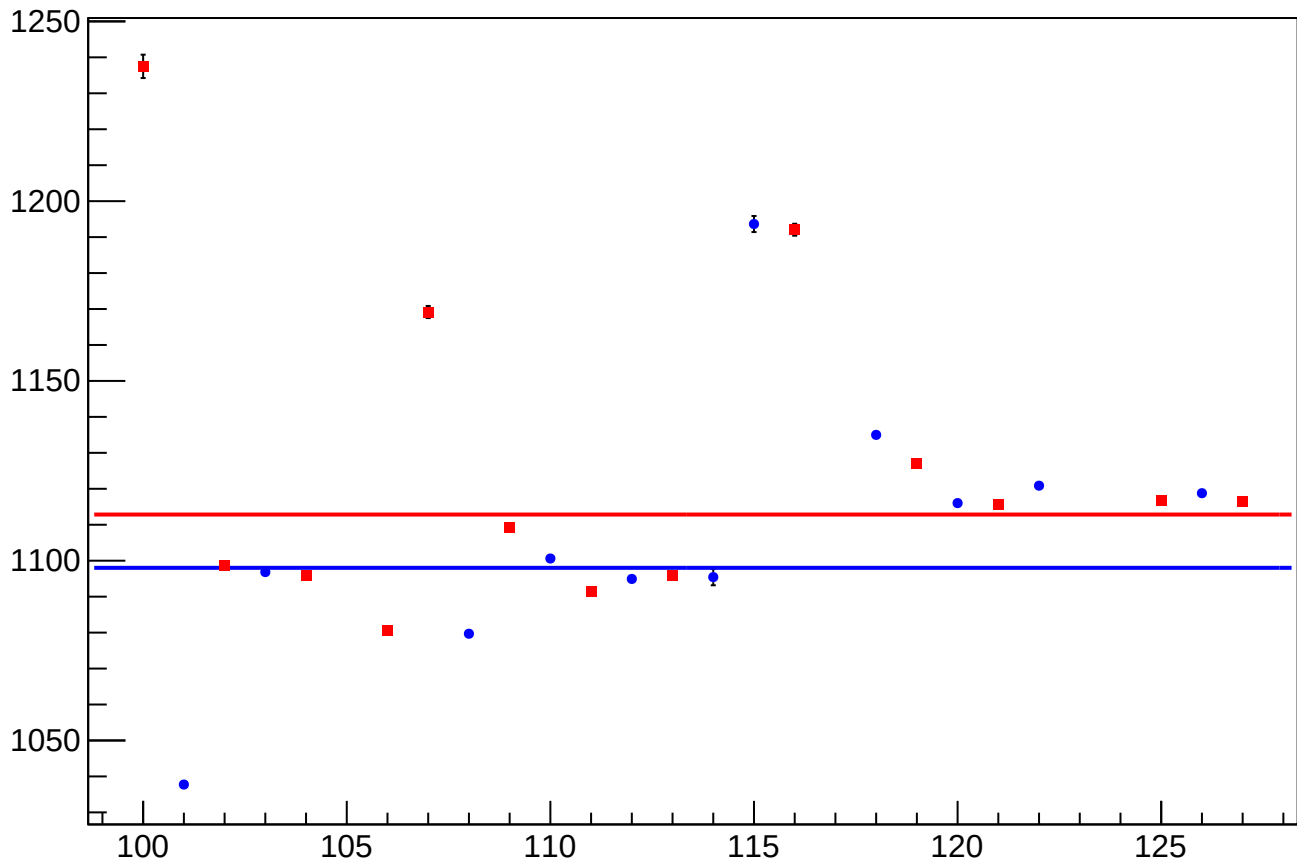
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -179.927+/-352.128 χ^2/NDF : 52.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_rms vs Slug



Right In: 1098.018+/-0.366 χ^2/NDF : 8461.5/10

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

Right Out: 1112.839+/-0.340 χ^2/NDF : 6710.1/12

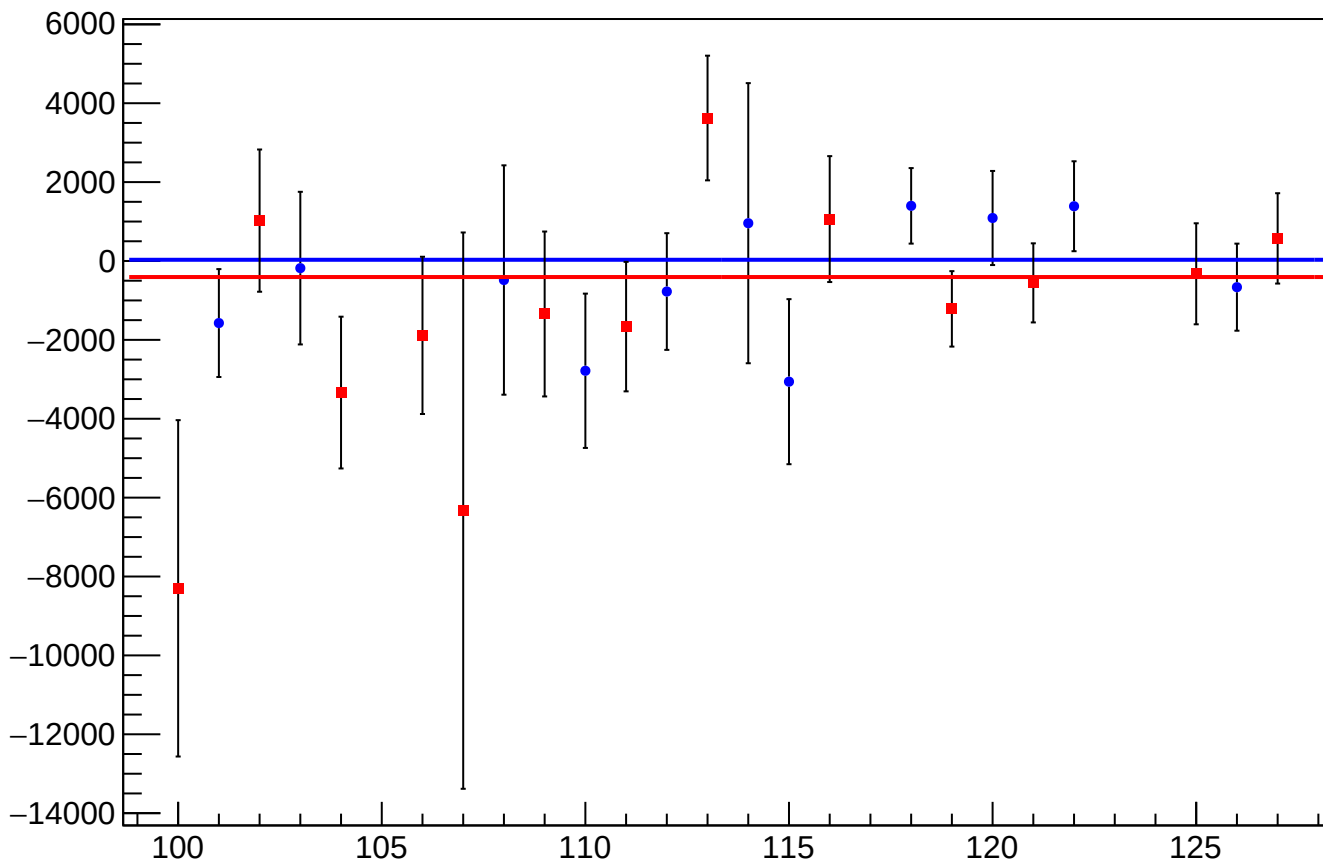
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1105.988+/-0.249 χ^2/NDF : 16052.2/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_correction_mean vs Slug



Right In: 30.607+/-433.179 χ^2/NDF : 10.7/10

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

Right Out: -406.906+/-416.769 χ^2/NDF : 17.2/12

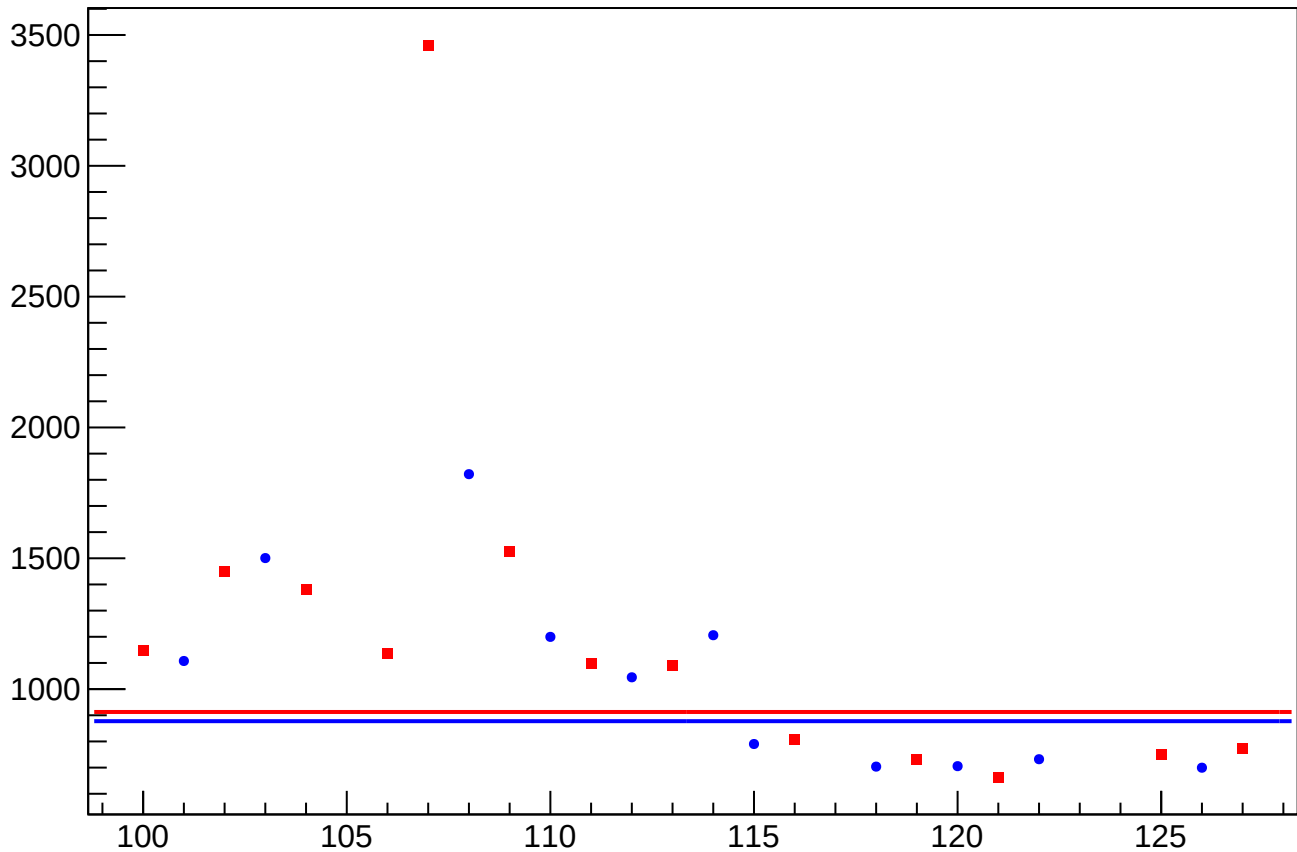
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -196.593+/-300.334 χ^2/NDF : 28.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_correction_rms vs Slug



Right In: 877.452+/-0.306 χ^2/NDF : 767303.1/10

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

Right Out: 912.608+/-0.295 χ^2/NDF : 1077267.1/12

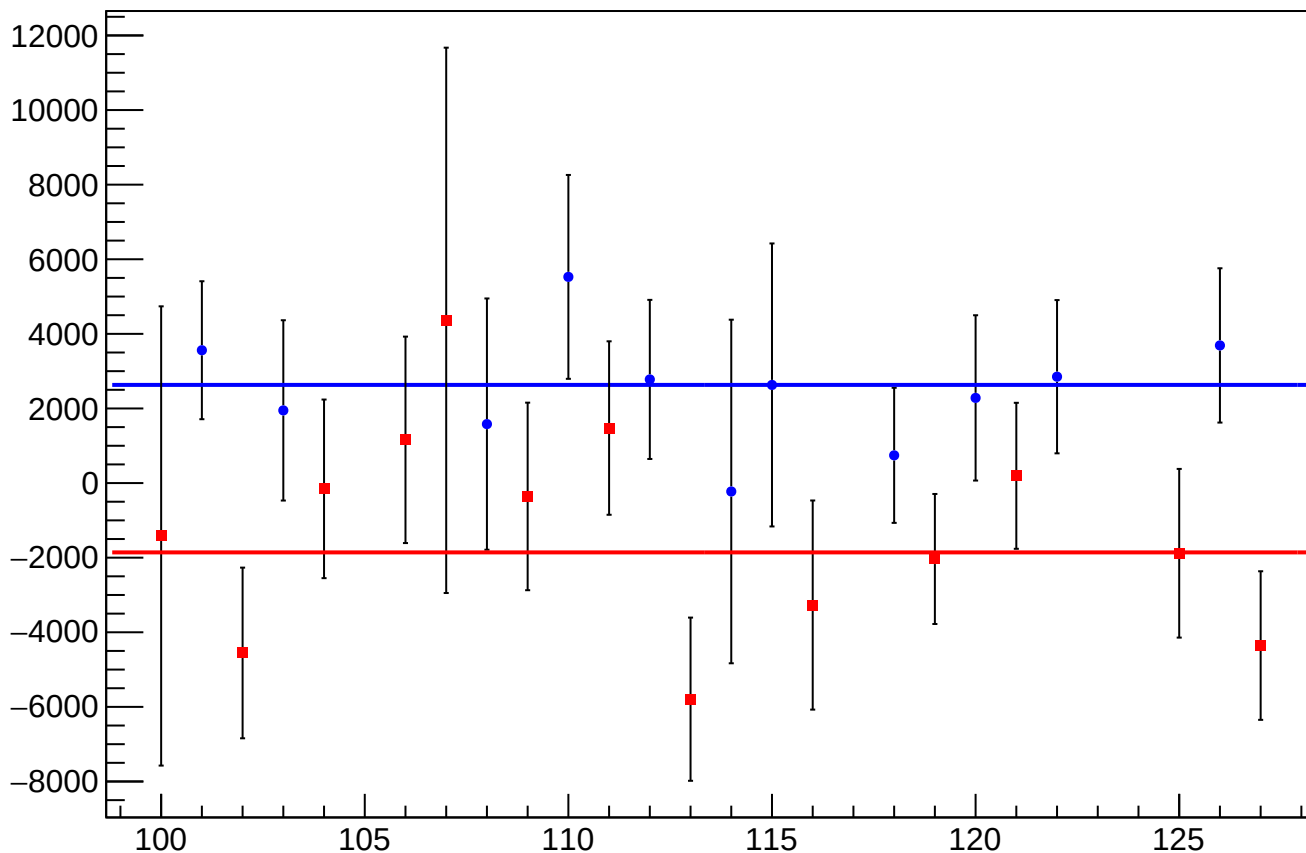
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 895.708+/-0.212 χ^2/NDF : 1851411.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_mean vs Slug



Right In: 2631.657 $\pm$ 706.815 χ^2 /NDF: 3.3/10

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

Right Out: -1858.521 $\pm$ 665.398 χ^2 /NDF: 12.4/12

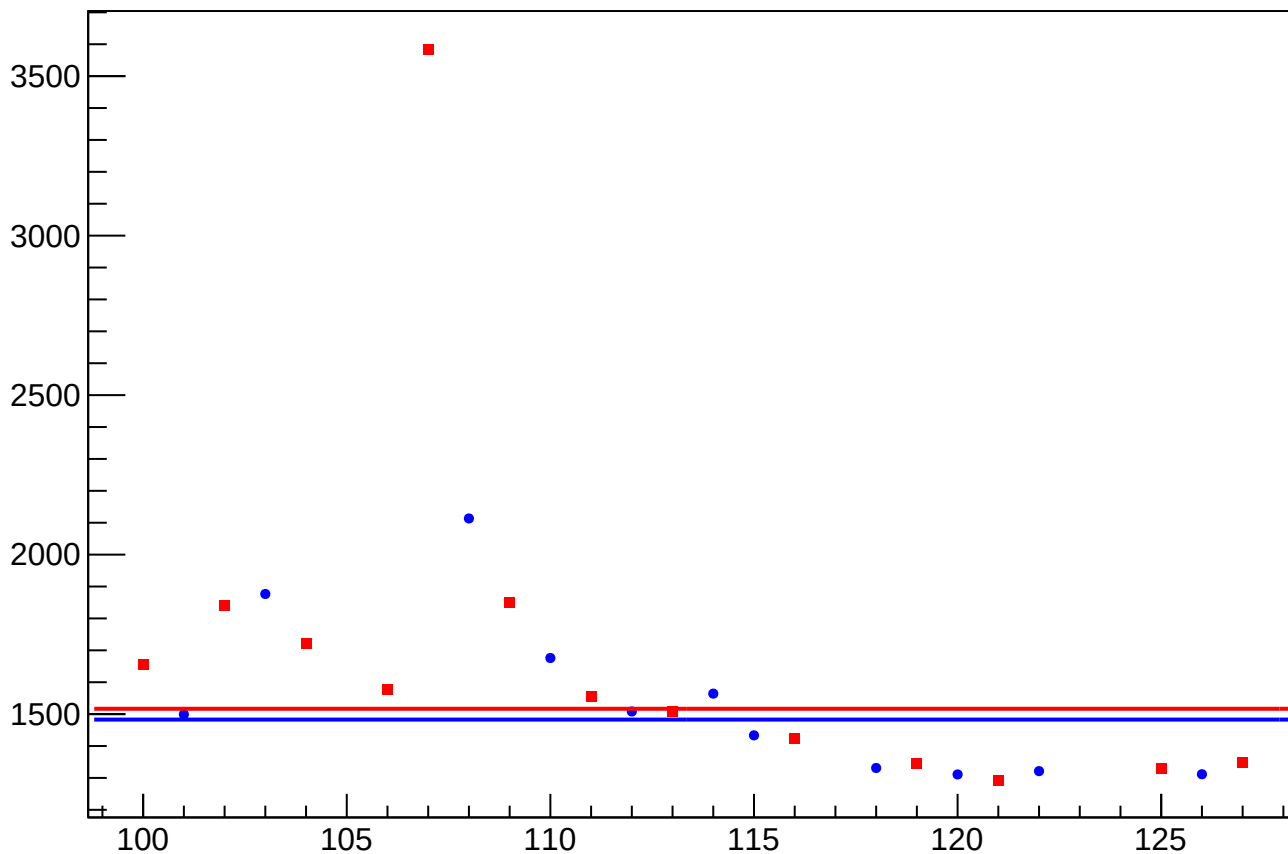
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 251.166 $\pm$ 484.488 χ^2 /NDF: 37.1/23

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

asym_usl_rms vs Slug



Right In: 1482.869+/-0.500 χ^2/NDF : 186745.6/10

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

Right Out: 1516.773+/-0.471 χ^2/NDF : 328904.1/12

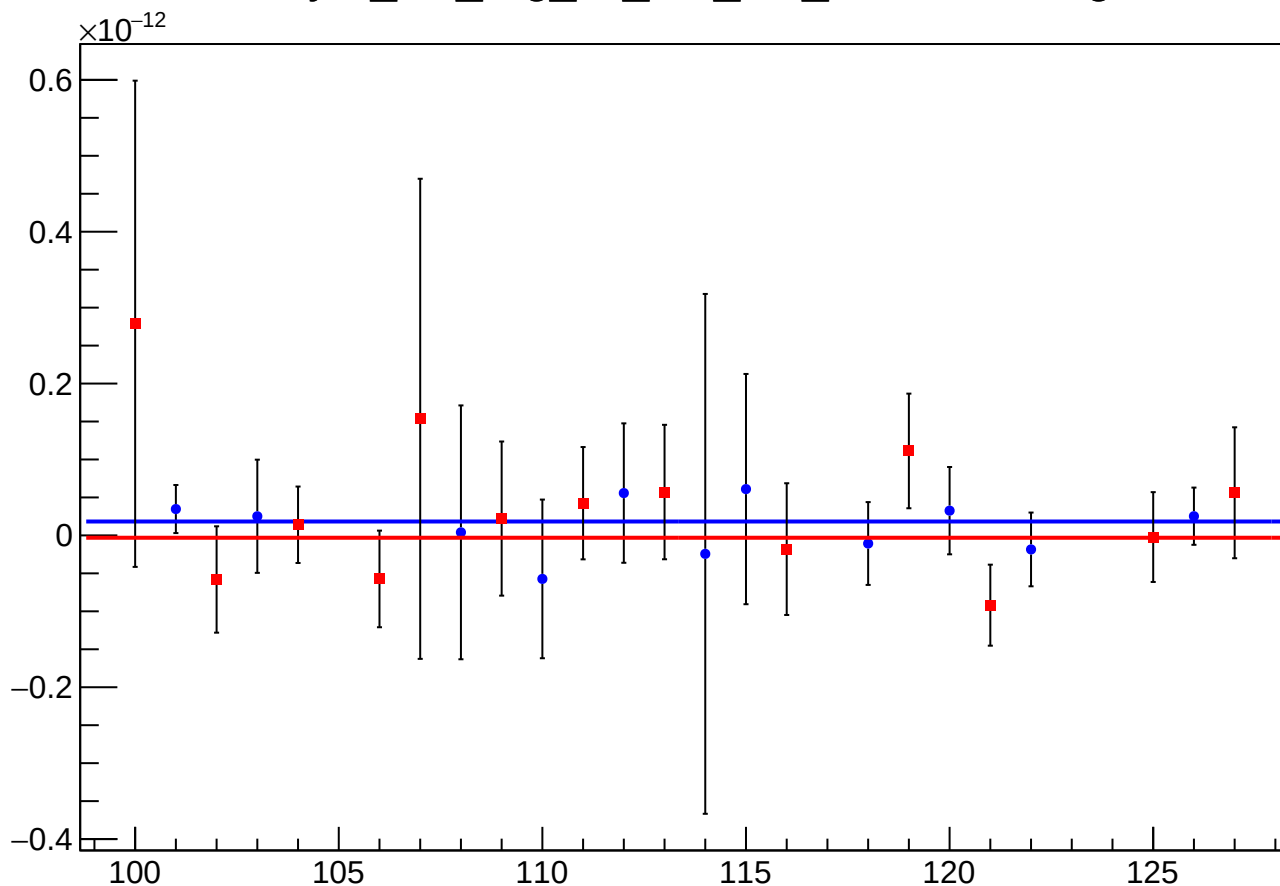
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1500.843+/-0.343 χ^2/NDF : 518089.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 +/- 0.000 χ^2/NDF : 2.0/10

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

Right Out: -0.000 +/- 0.000 χ^2/NDF : 8.9/12

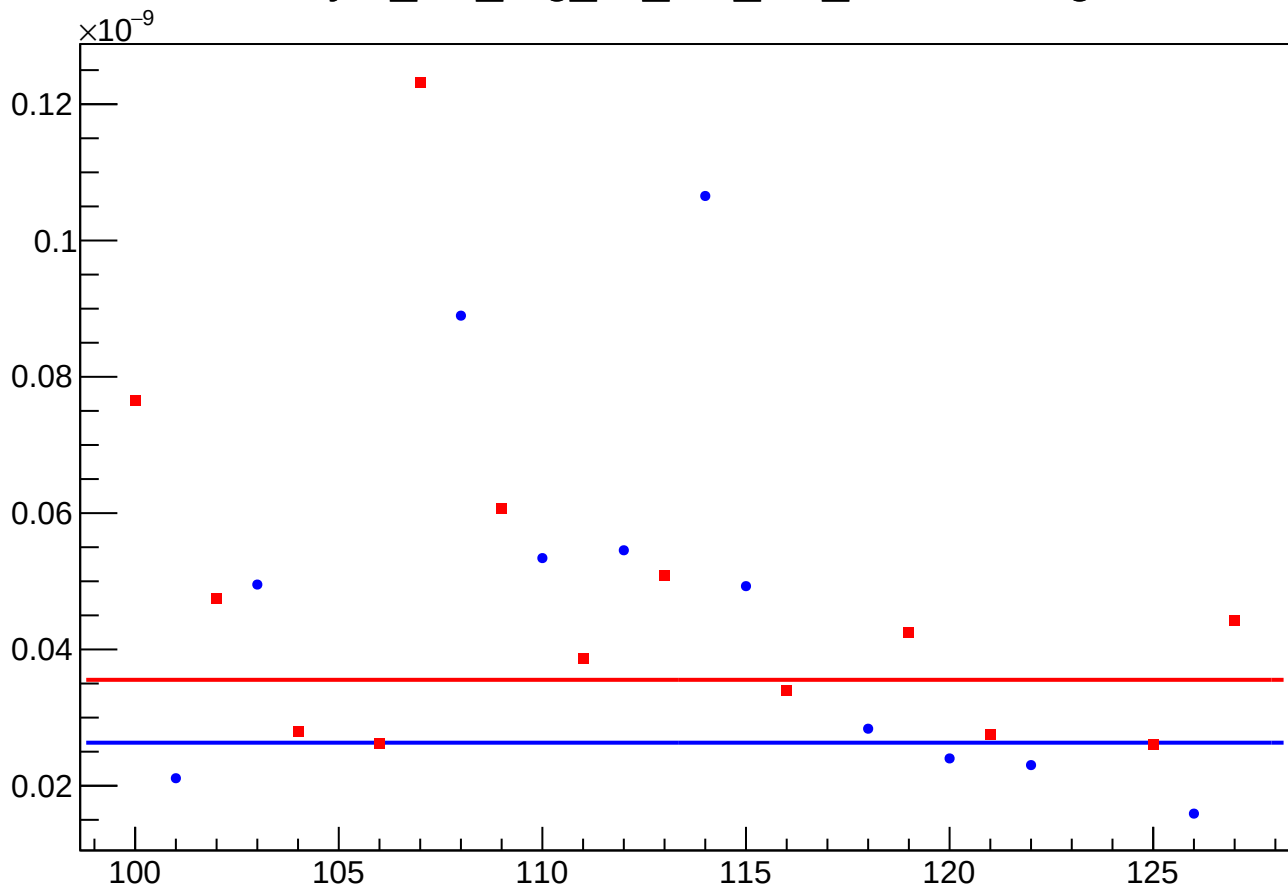
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 0.000 +/- 0.000 χ^2/NDF : 11.6/23

- sign 0.000 +/- 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 : 1175739.9/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 653578.5/12

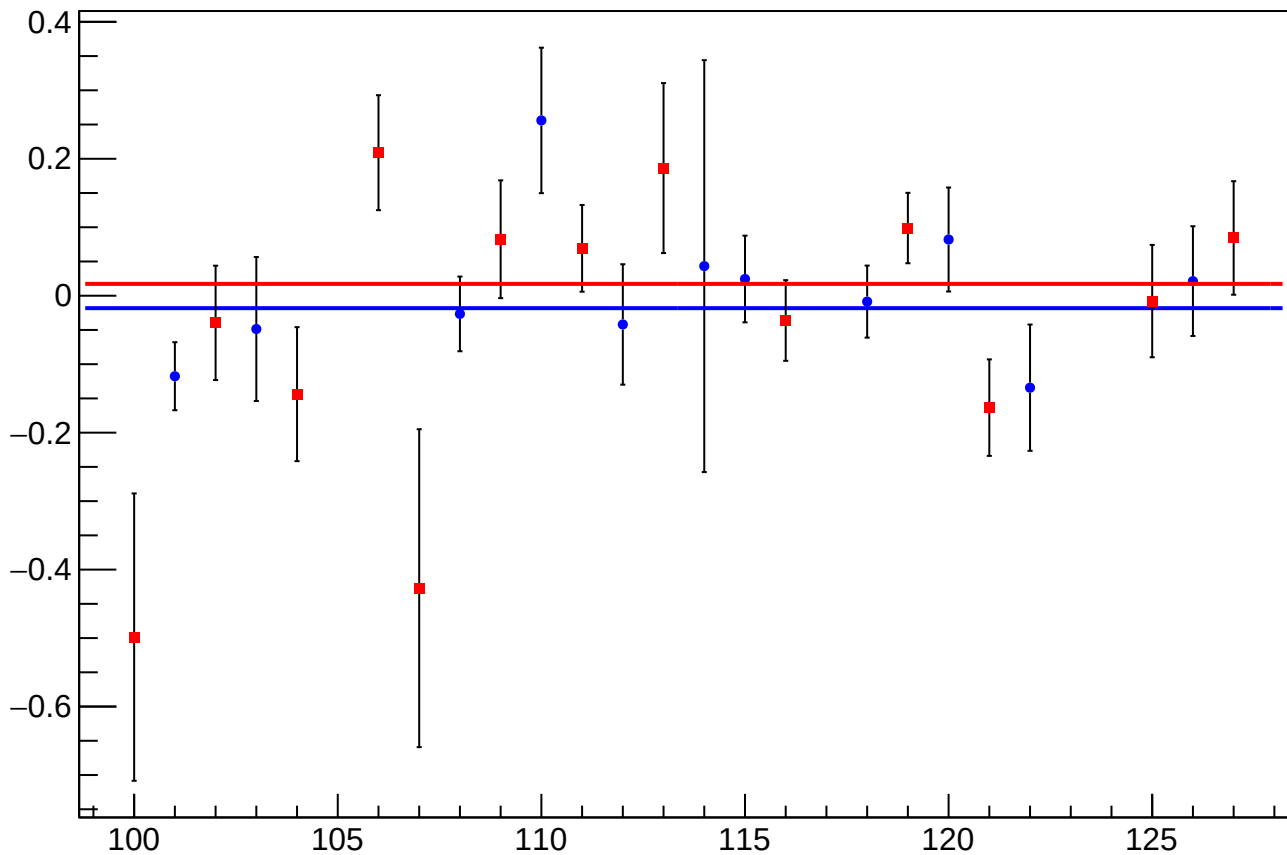
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2061258.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_dit_vs_cor_diff_mean vs Slug



Right In: -0.018 $\pm$ 0.022 χ^2 /NDF: 14.9/10

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

Right Out: 0.017 $\pm$ 0.022 χ^2 /NDF: 31.9/12

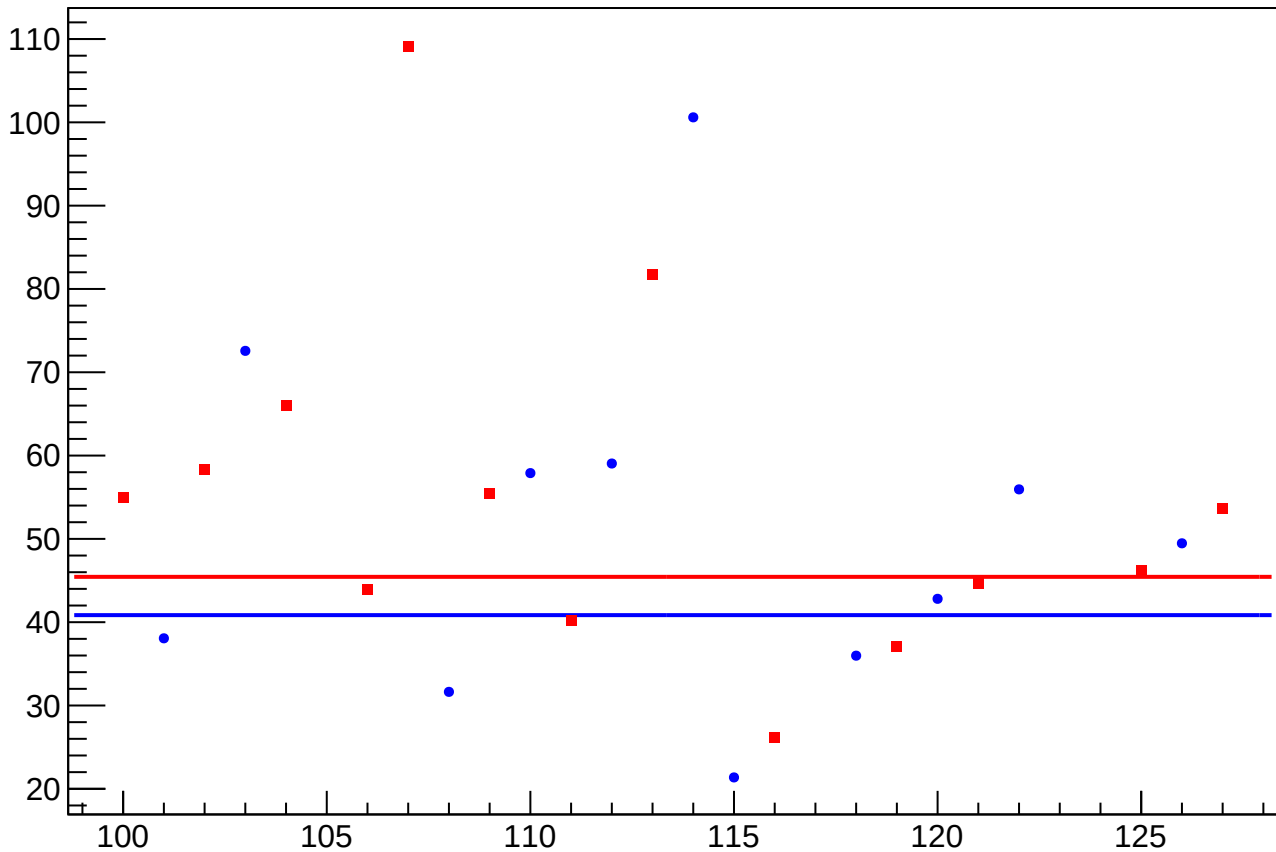
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.001 $\pm$ 0.016 χ^2 /NDF: 48.1/23

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

asym_usl_dit_vs_cor_diff_rms vs Slug



Right In: 40.848+/-0.015 χ^2/NDF : 746024.7/10

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

Right Out: 45.443+/-0.016 χ^2/NDF : 788211.0/12

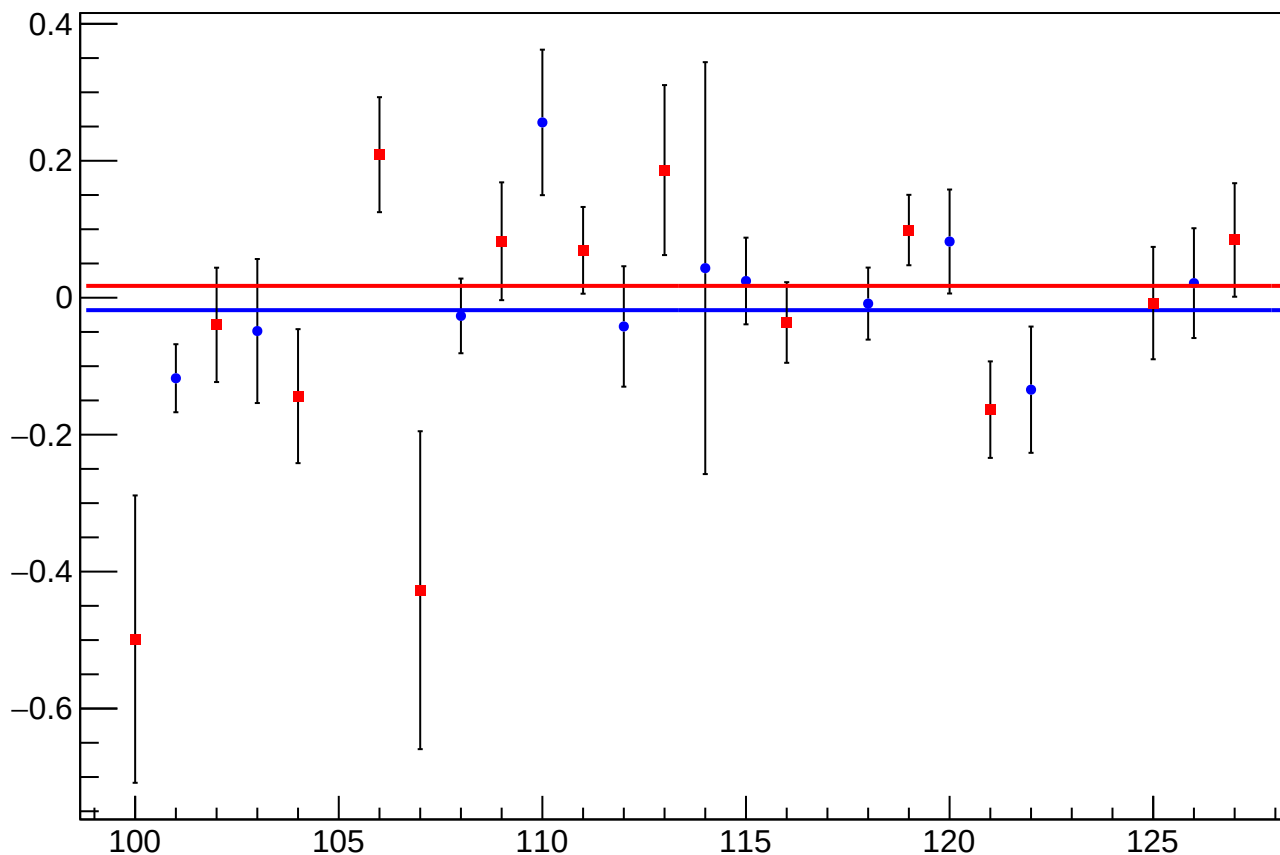
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.103+/-0.011 χ^2/NDF : 1578152.9/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.018 $\pm$ 0.022 χ^2 /NDF: 14.9/10

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

Right Out: 0.017 $\pm$ 0.022 χ^2 /NDF: 31.9/12

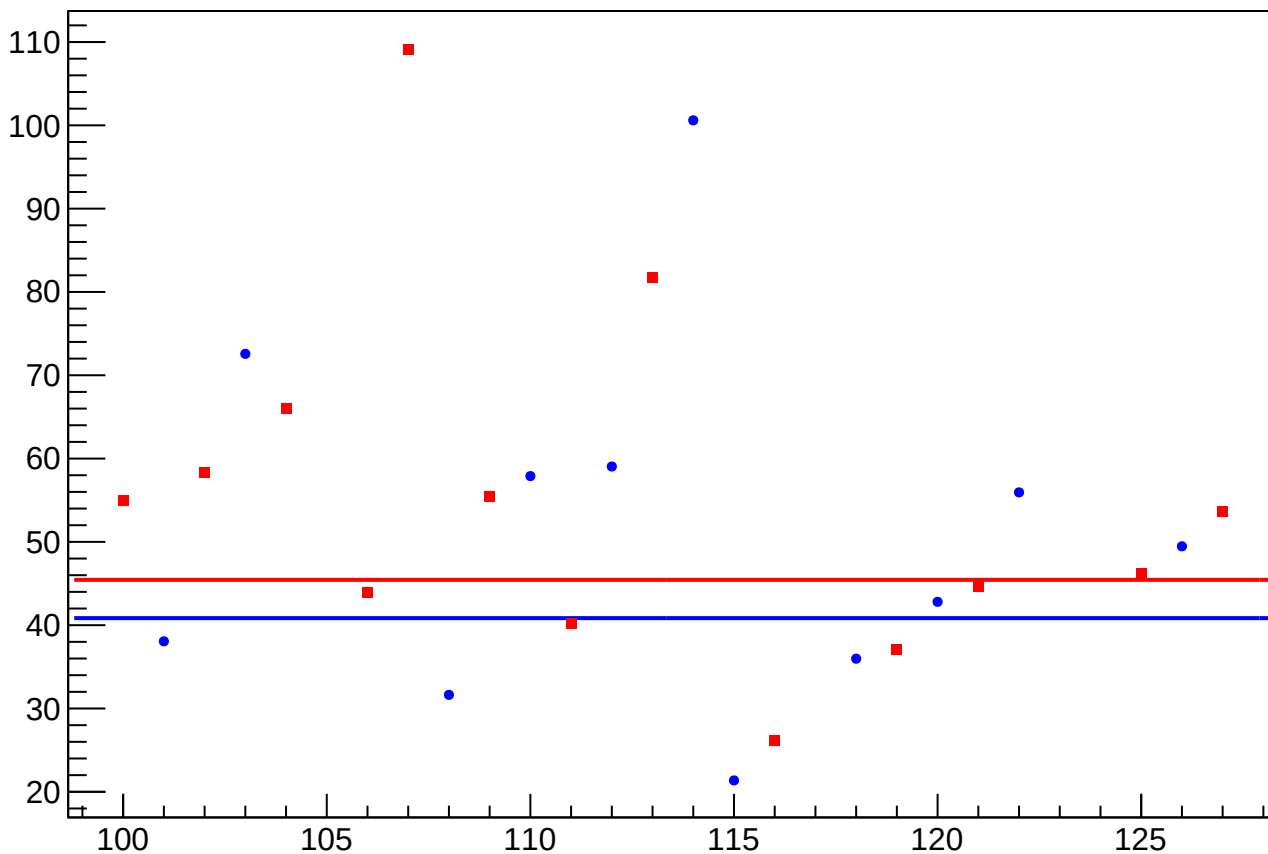
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.001 $\pm$ 0.016 χ^2 /NDF: 48.1/23

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

asym_usl_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 40.848 $\pm$ 0.015 χ^2 /NDF: 746024.7/10

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

Right Out: 45.443 $\pm$ 0.016 χ^2 /NDF: 788211.0/12

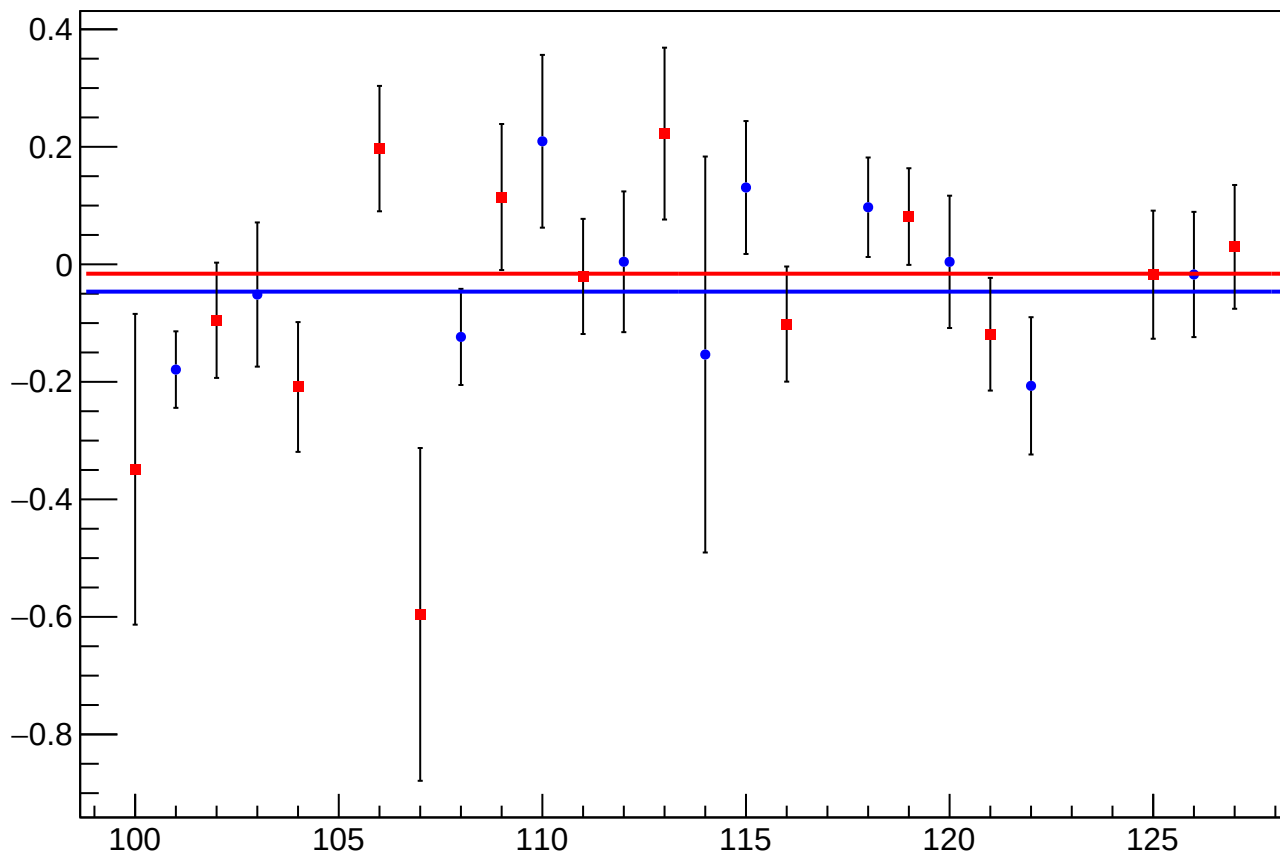
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 43.103 $\pm$ 0.011 χ^2 /NDF: 1578152.9/23

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

asym_usl_dit_vs_overload_cor_diff_mean vs Slug



Right In: -0.046 $\pm$ 0.031 χ^2 /NDF: 15.8/10

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

Right Out: -0.016 $\pm$ 0.031 χ^2 /NDF: 20.7/12

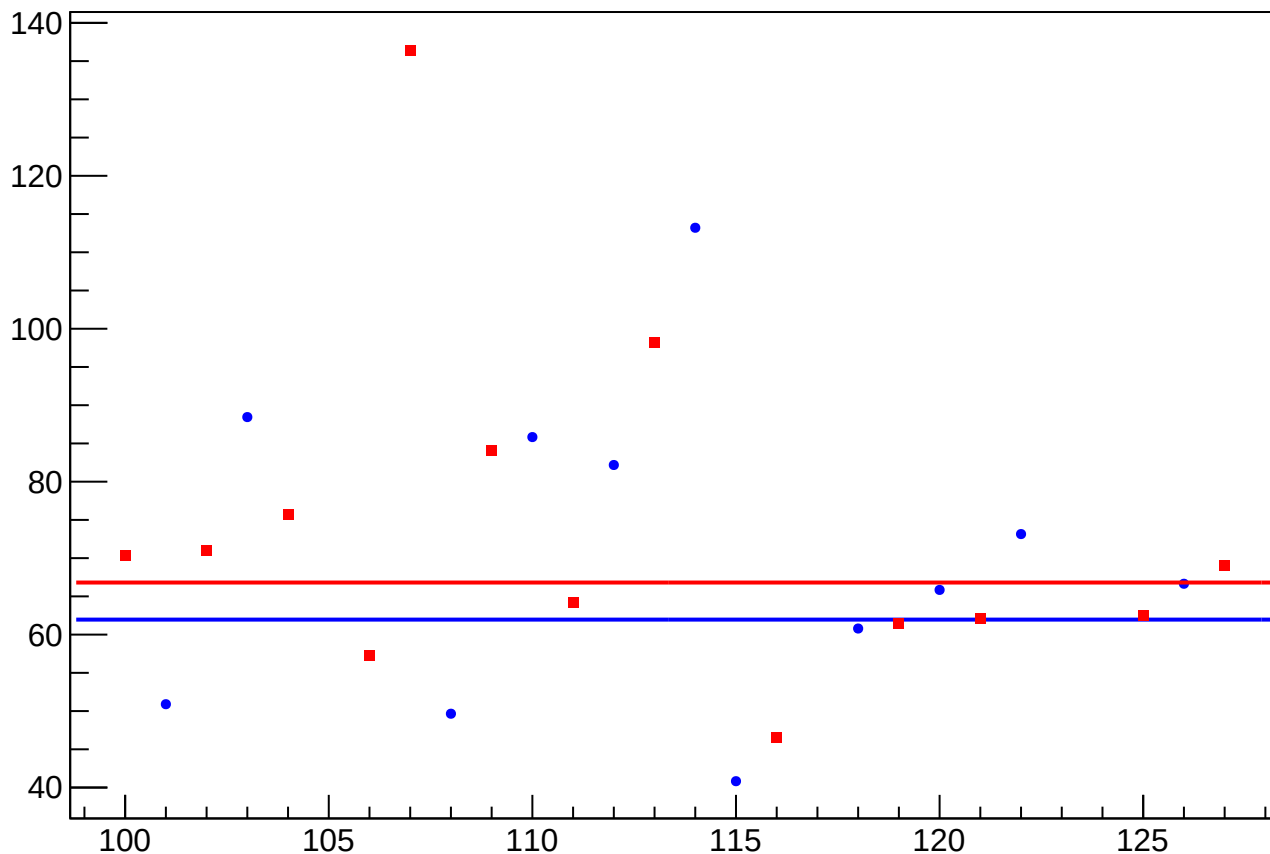
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.031 $\pm$ 0.022 χ^2 /NDF: 37.1/23

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

asym_usl_dit_vs_overload_cor_diff_rms vs Slug



Right In: 61.962 $\pm$ 0.022 χ^2 /NDF: 446929.6/10

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

Right Out: 66.810 $\pm$ 0.022 χ^2 /NDF: 389117.4/12

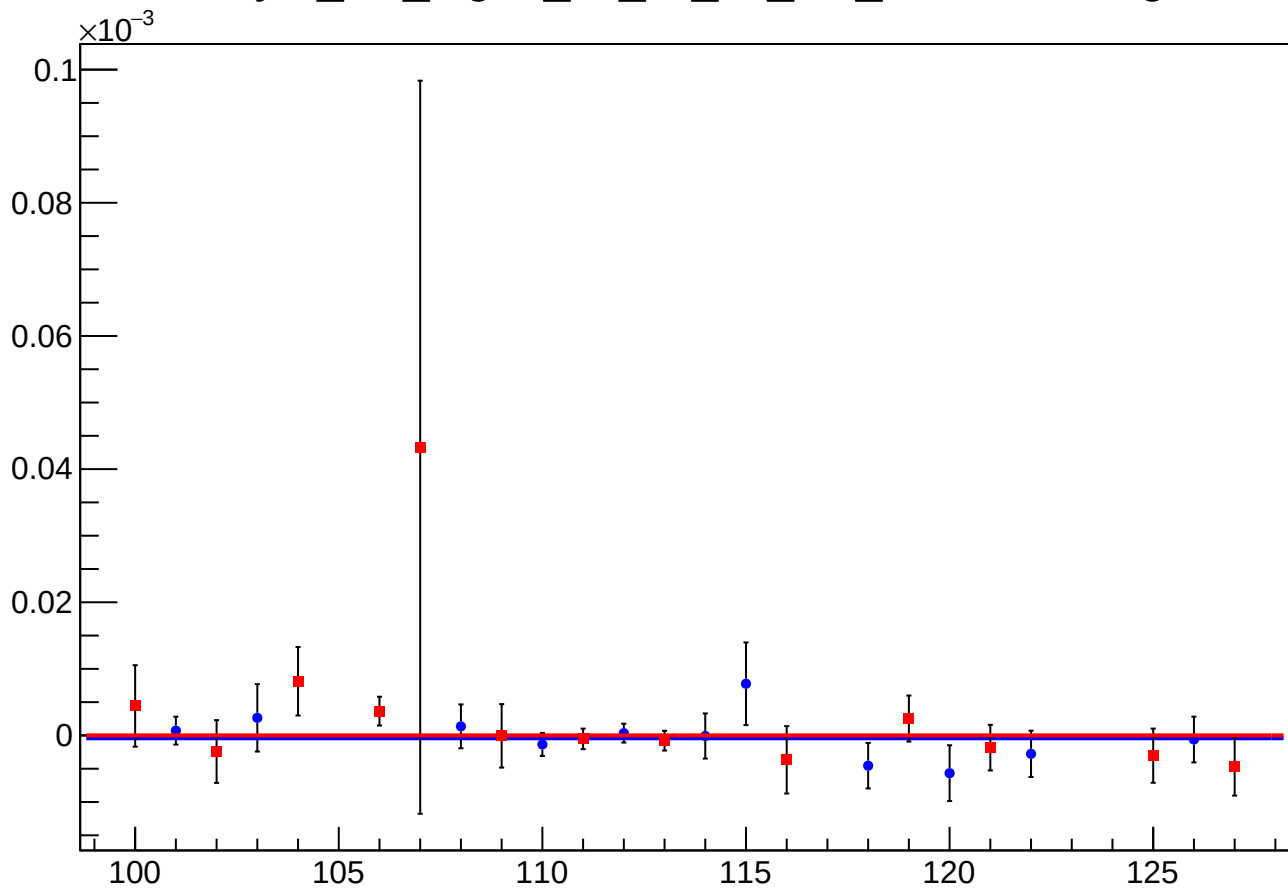
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 64.406 $\pm$ 0.015 χ^2 /NDF: 860555.4/23

- sign 0.000 $\pm$ 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: 6.8/10

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

Right Out: 0.000+/-0.000 χ^2 /NDF: 10.2/12

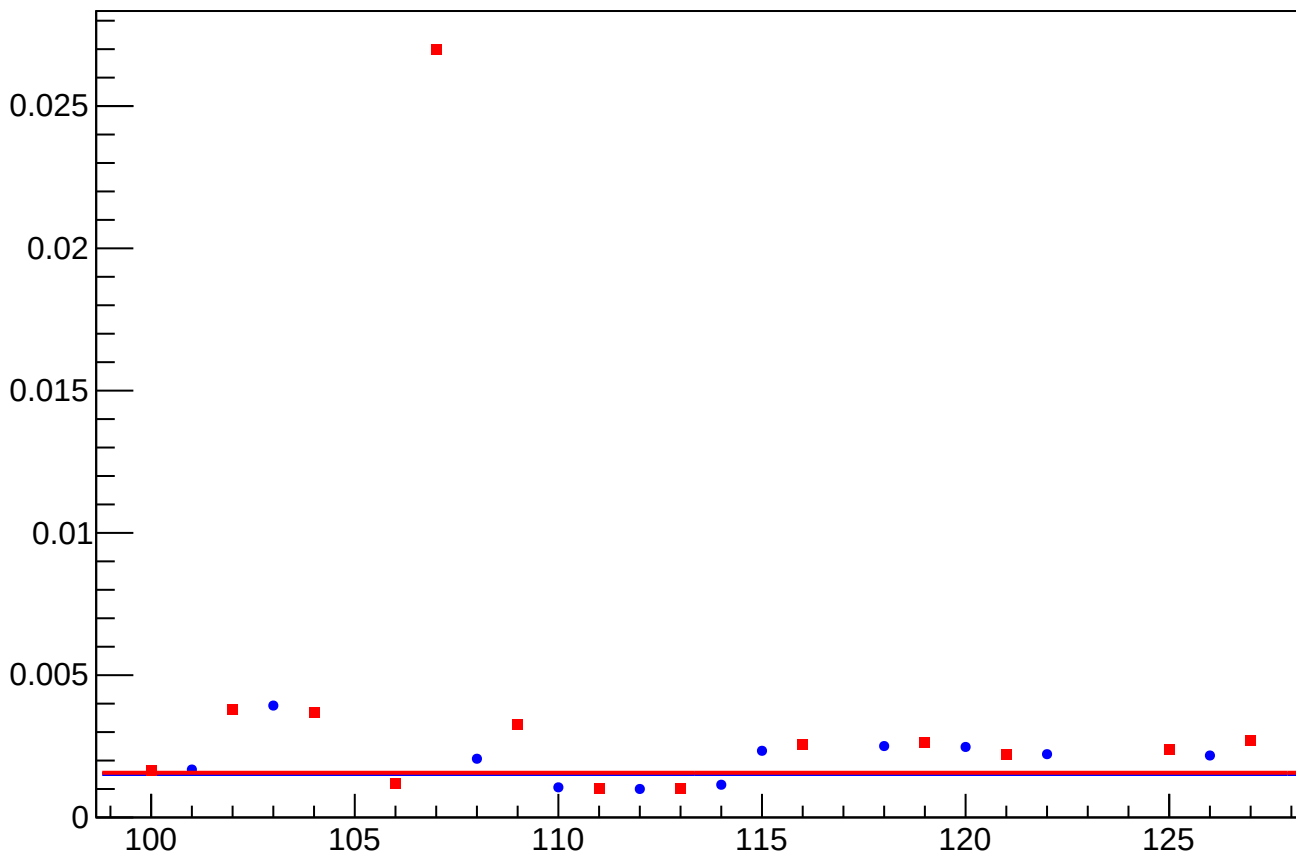
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 17.1/23

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 1416859.0/10

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

Right Out: 0.002+/-0.000 χ^2/NDF : 2601409.7/12

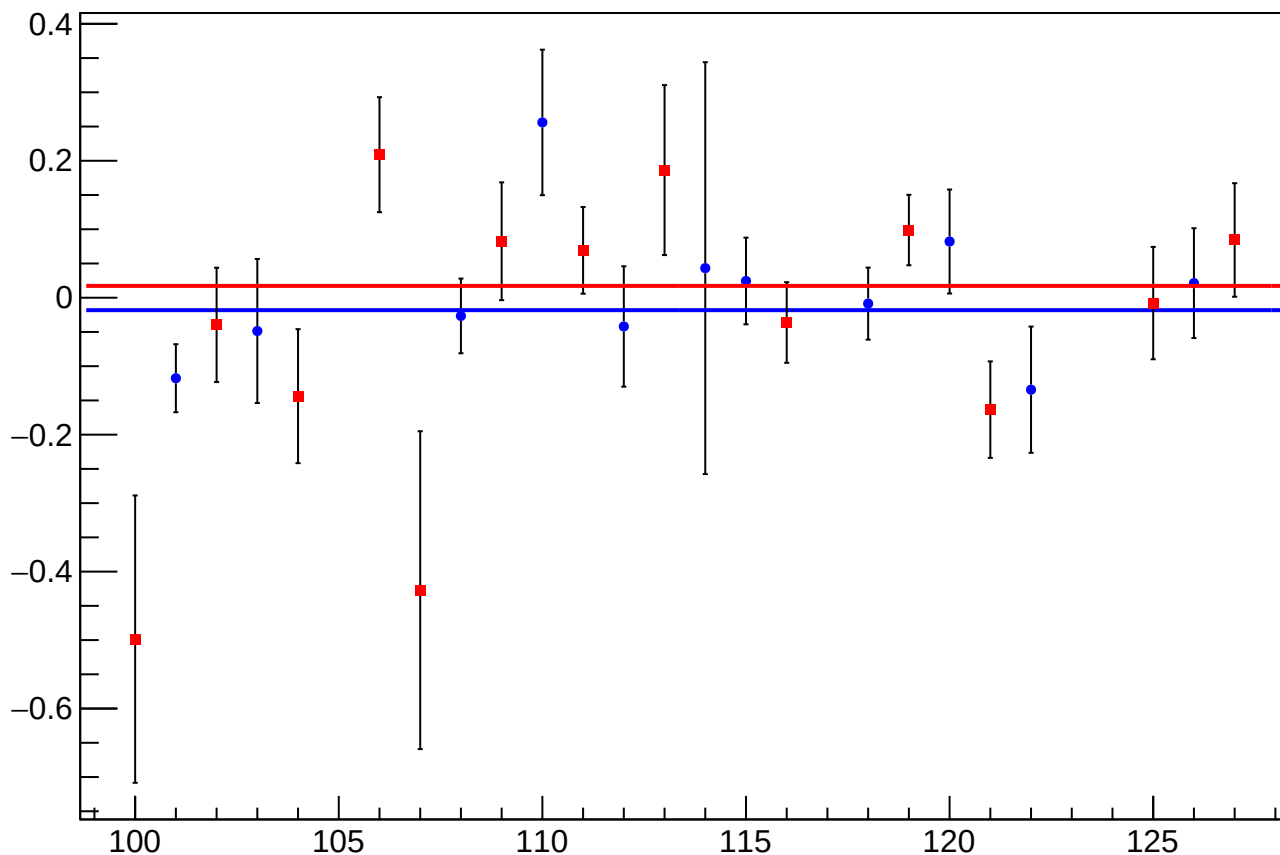
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4021275.9/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.018 $\pm$ 0.022 χ^2 /NDF: 14.9/10

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

Right Out: 0.017 $\pm$ 0.022 χ^2 /NDF: 31.9/12

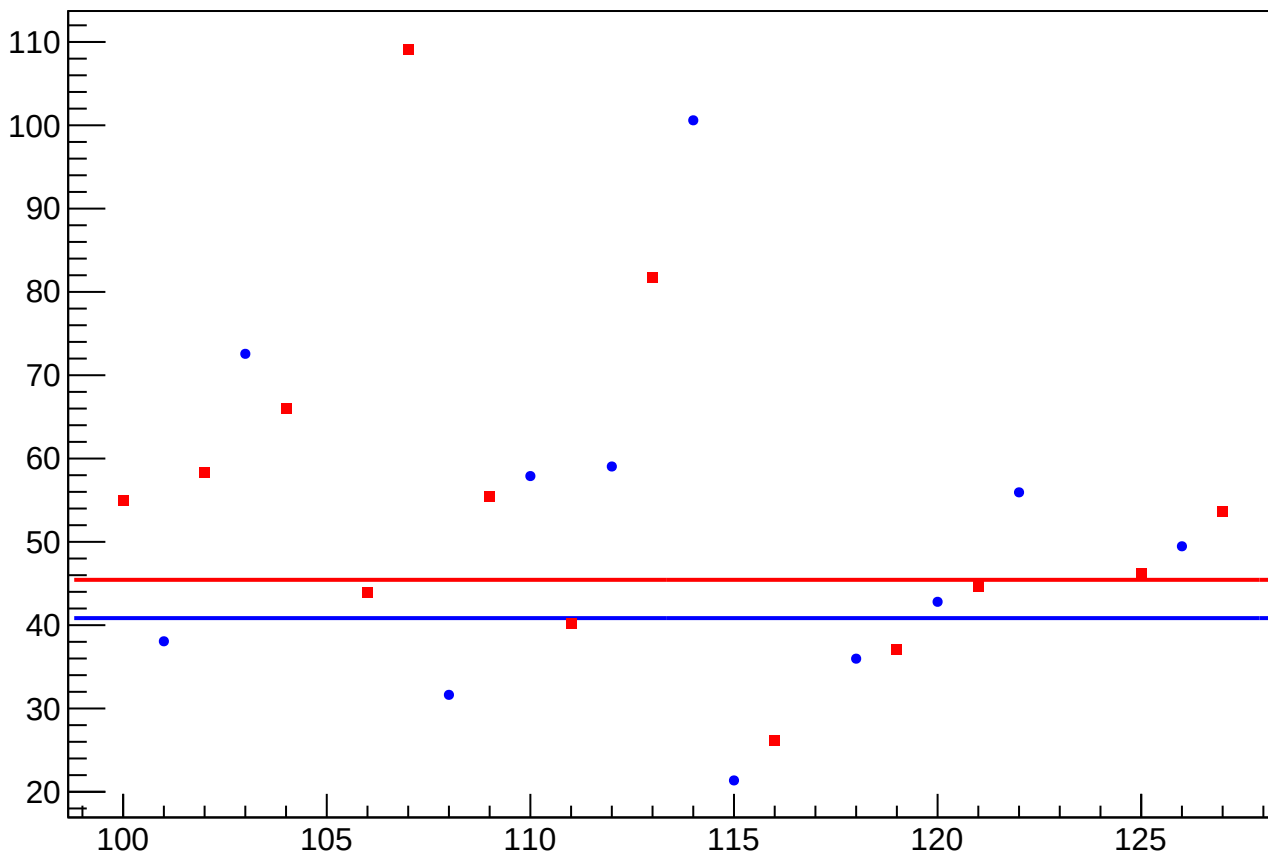
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.001 $\pm$ 0.016 χ^2 /NDF: 48.1/23

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

asym_usl_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 40.847+/-0.015 χ^2/NDF : 746071.1/10

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

Right Out: 45.442+/-0.016 χ^2/NDF : 788251.9/12

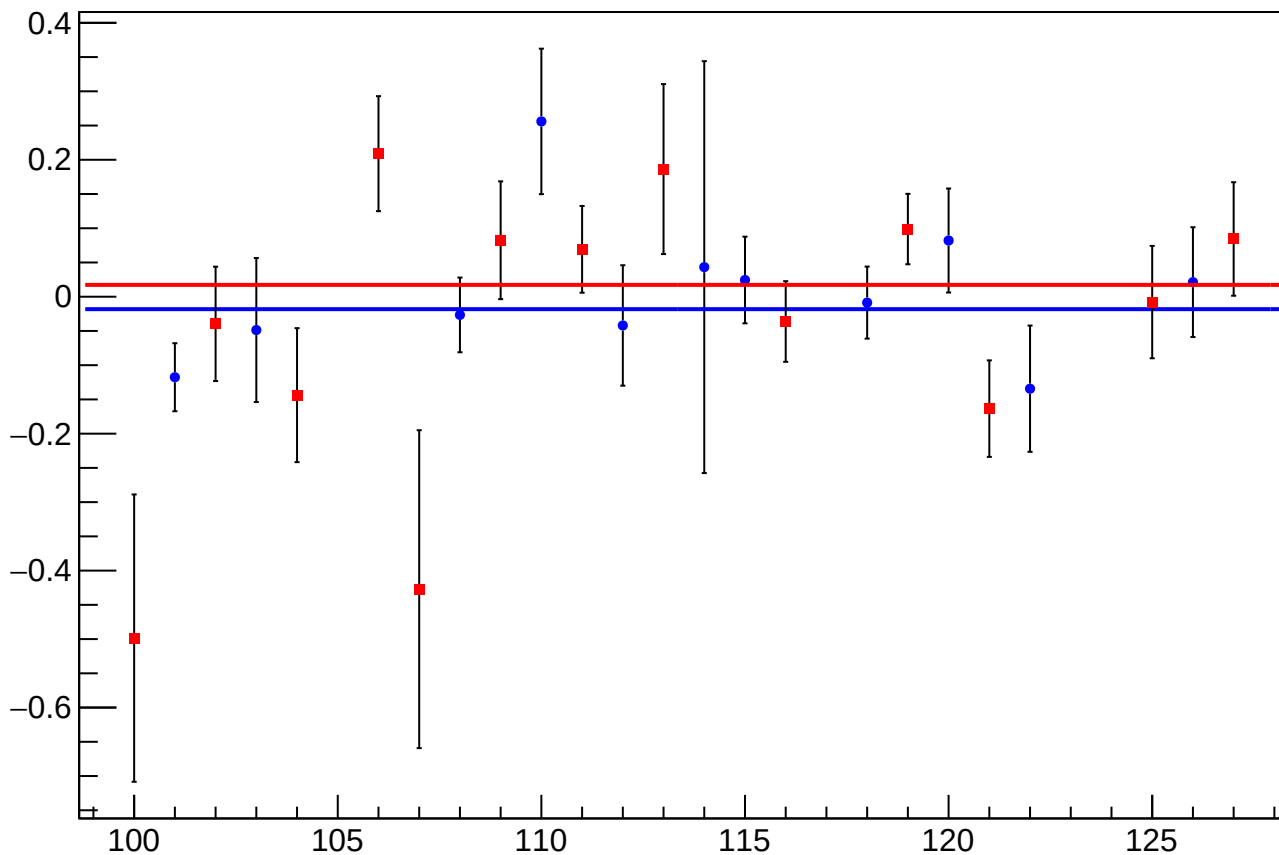
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.103+/-0.011 χ^2/NDF : 1578235.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.018+/-0.022 χ^2/NDF : 14.9/10

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

Right Out: 0.017+/-0.022 χ^2/NDF : 31.9/12

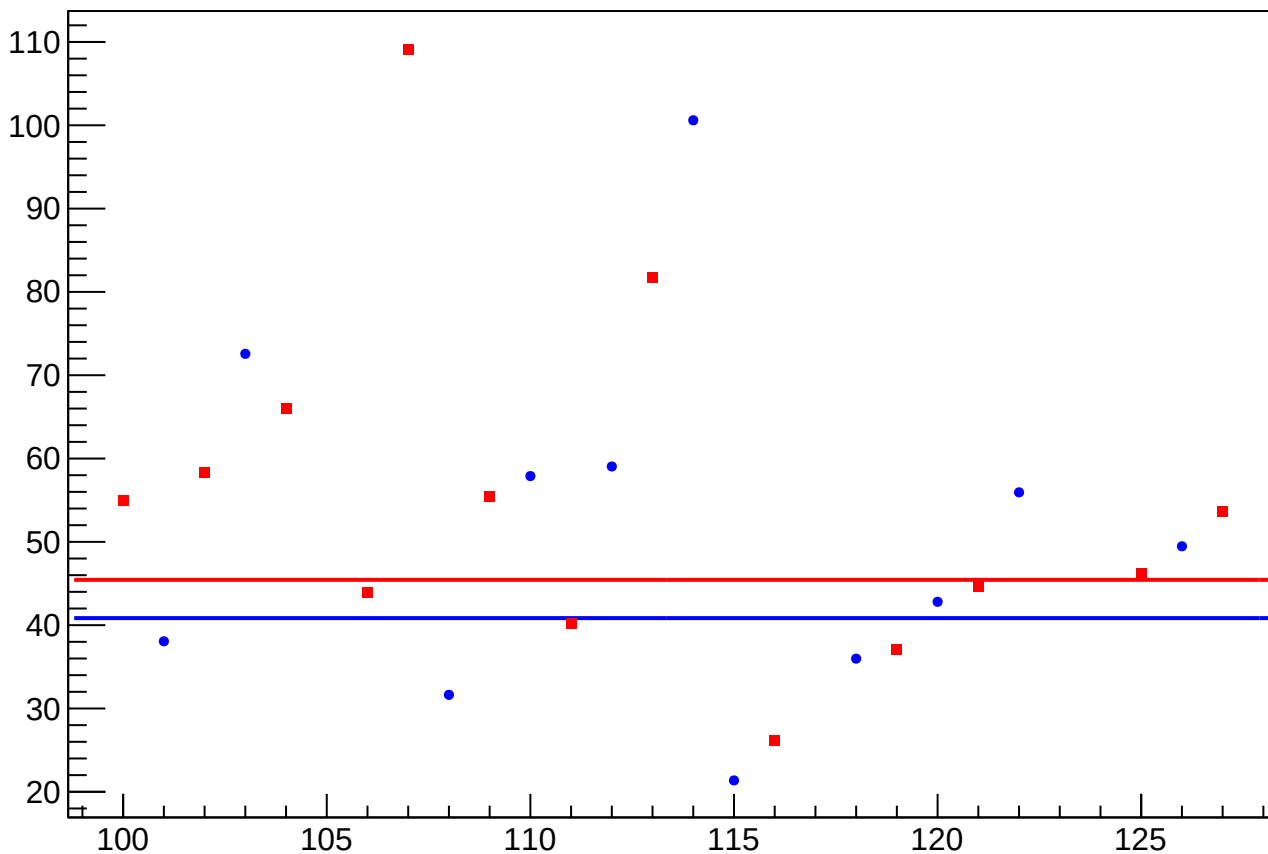
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.016 χ^2/NDF : 48.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 40.847+/-0.015 χ^2/NDF : 746071.1/10

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

Right Out: 45.442+/-0.016 χ^2/NDF : 788251.9/12

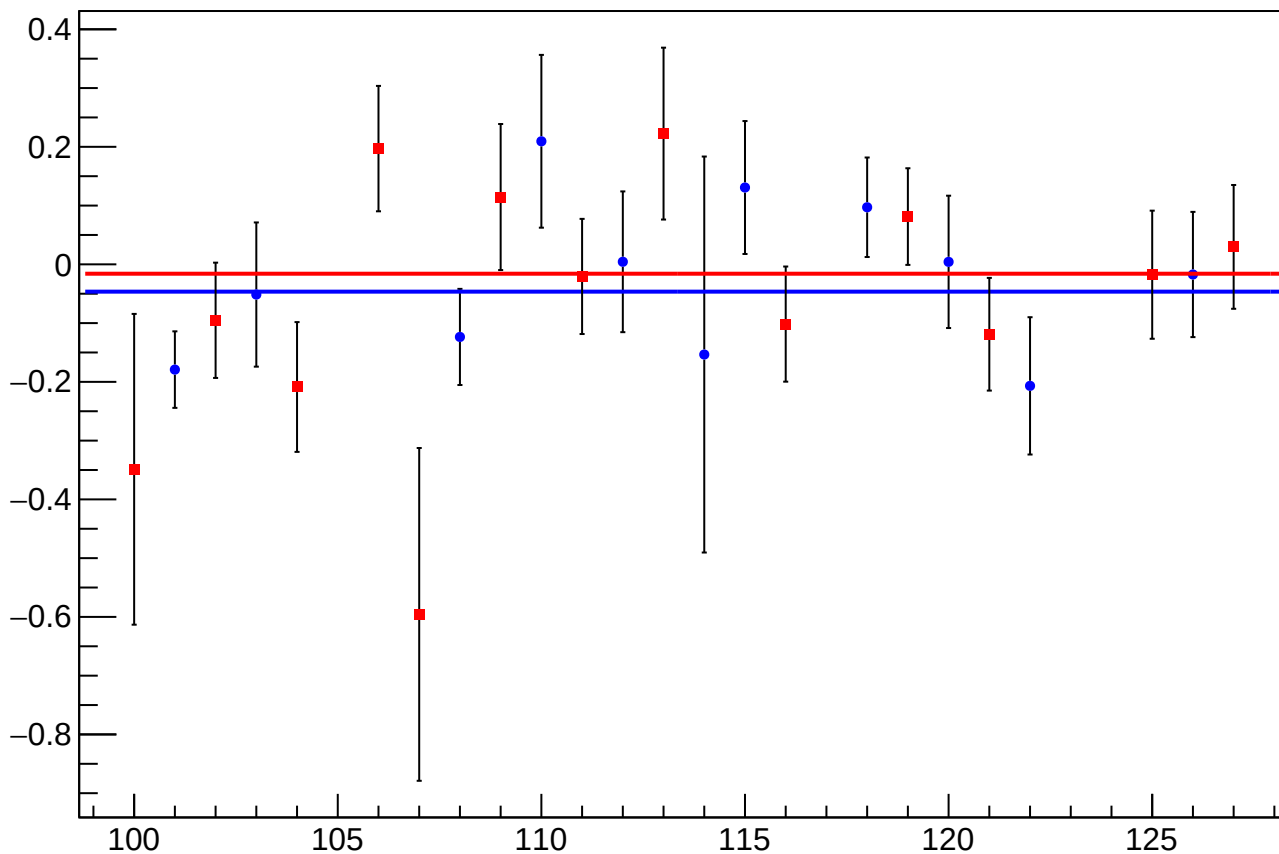
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.103+/-0.011 χ^2/NDF : 1578235.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_vs_overload_cor_diff_mean vs Slug



Right In: -0.046+/-0.031 χ^2/NDF : 15.8/10

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

Right Out: -0.016+/-0.031 χ^2/NDF : 20.7/12

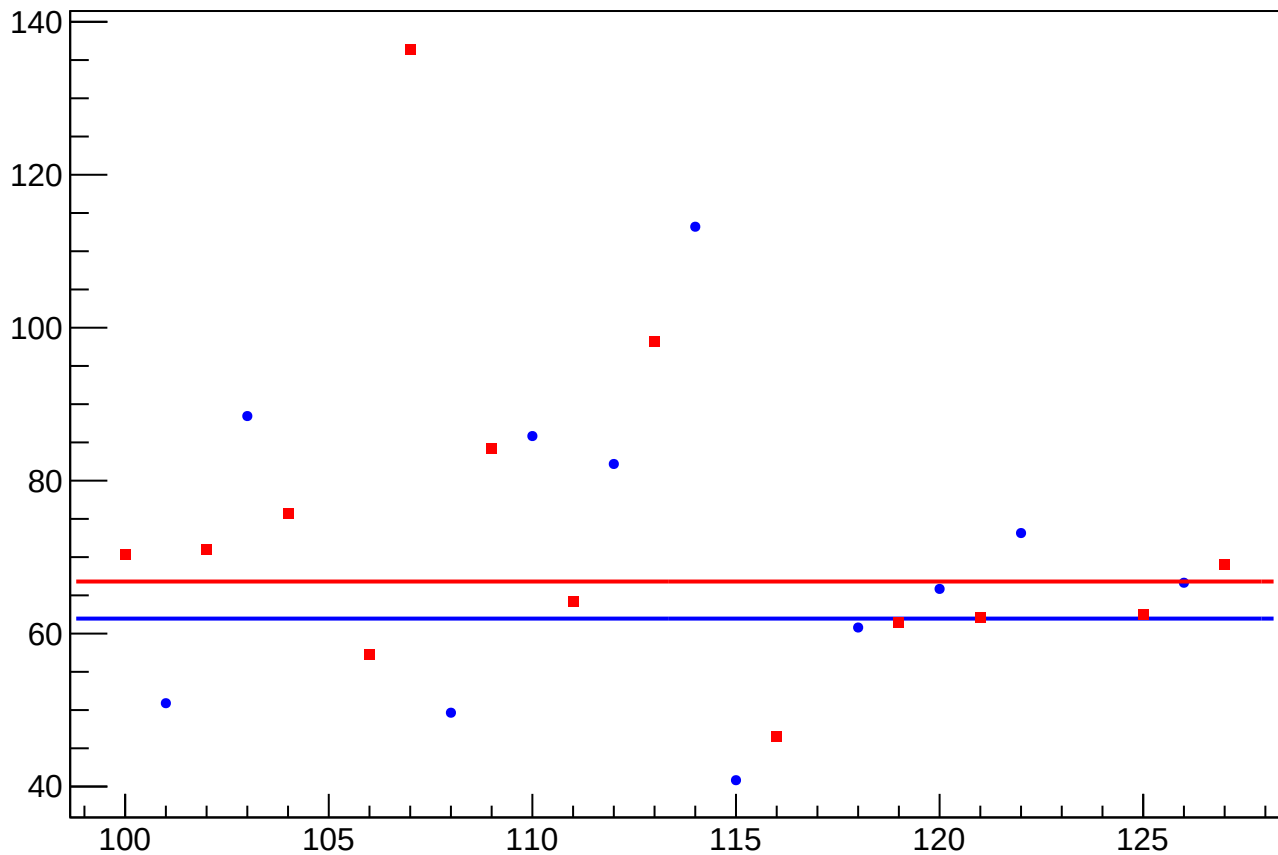
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.031+/-0.022 χ^2/NDF : 37.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_vs_overload_cor_diff_rms vs Slug



Right In: 61.962 $\pm$ 0.022 χ^2 /NDF: 446933.1/10

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

Right Out: 66.809 $\pm$ 0.022 χ^2 /NDF: 389111.0/12

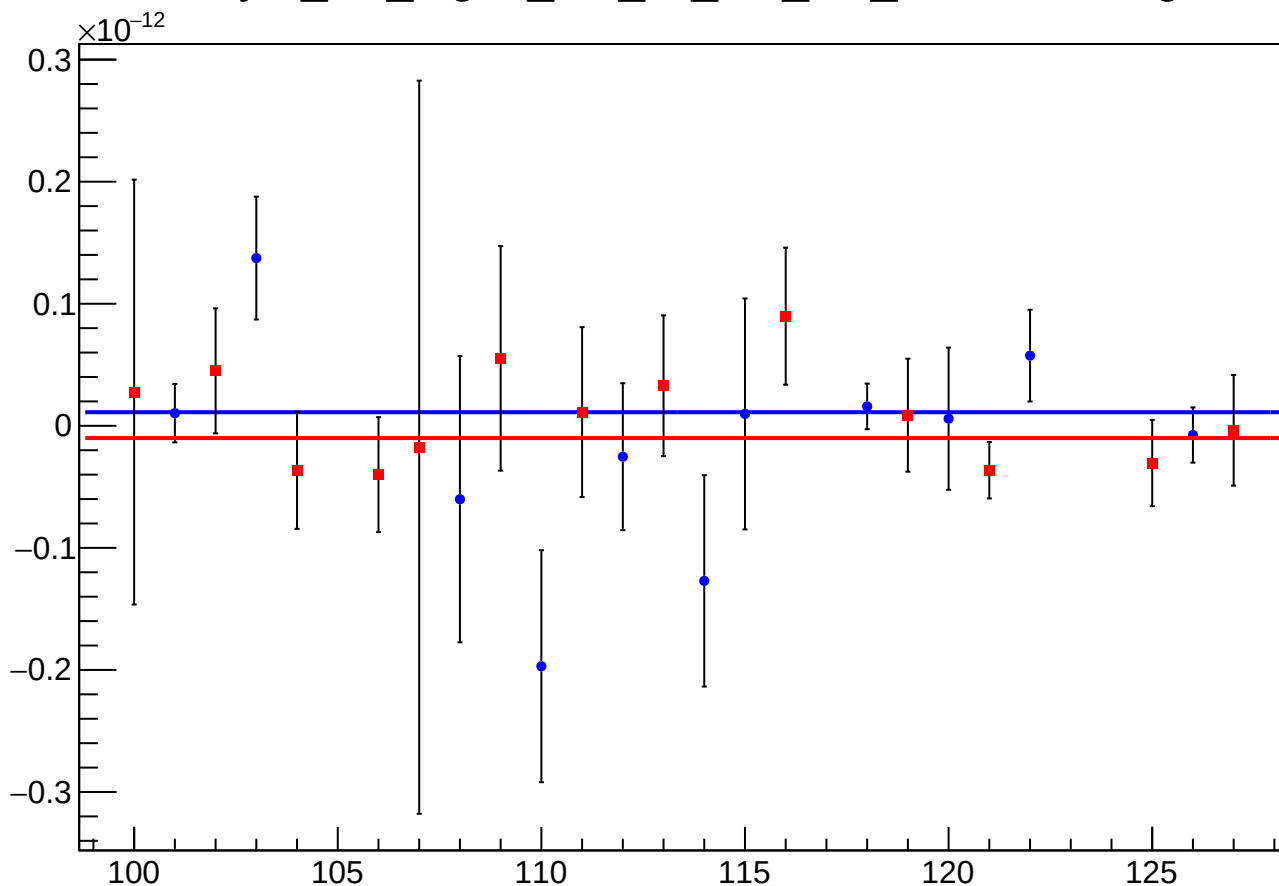
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 64.405 $\pm$ 0.015 χ^2 /NDF: 860549.6/23

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

asym_usl_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 16.7/10

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

Right Out: -0.000+/-0.000 χ^2/NDF : 8.0/12

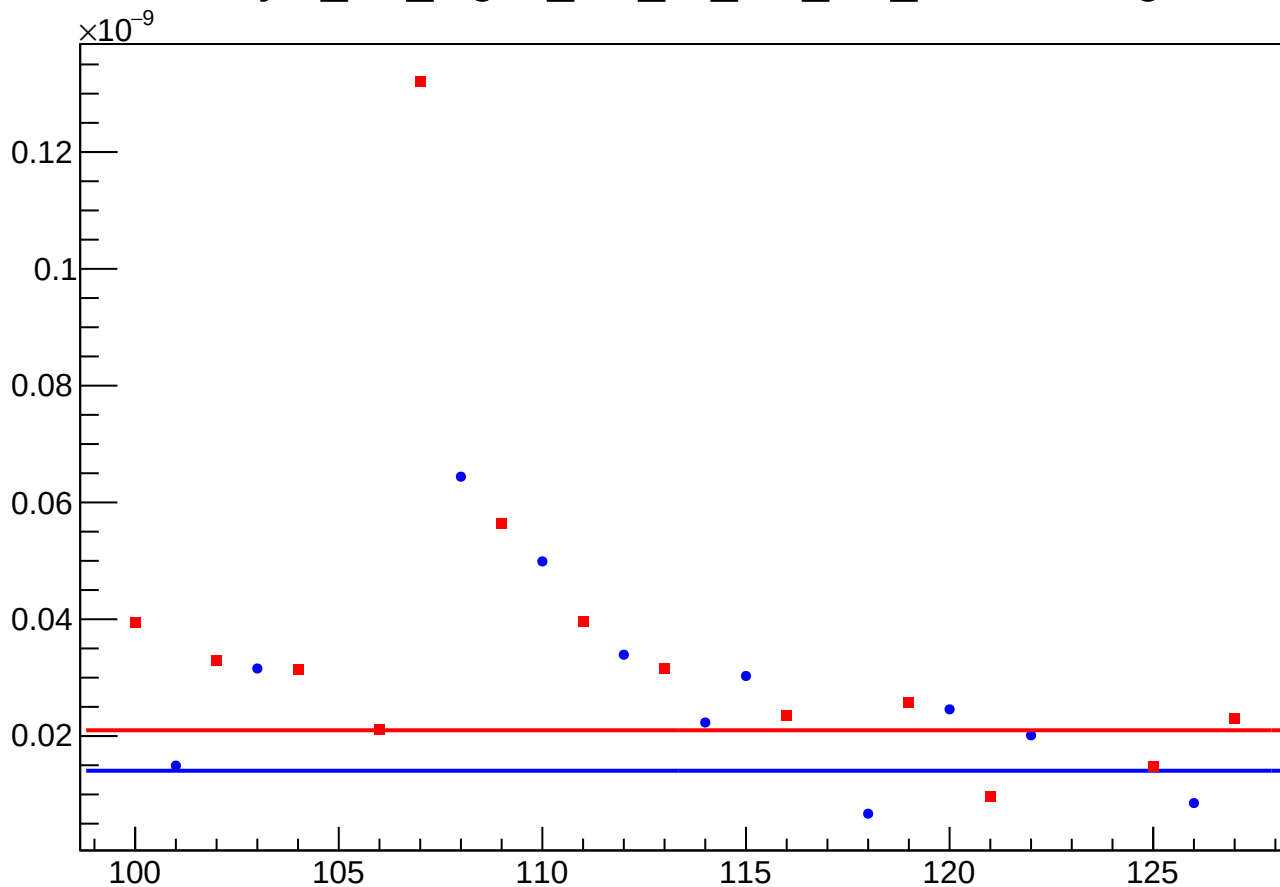
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.3/23

- sign 0.000+/-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 : 1740481.1/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1571304.2/12

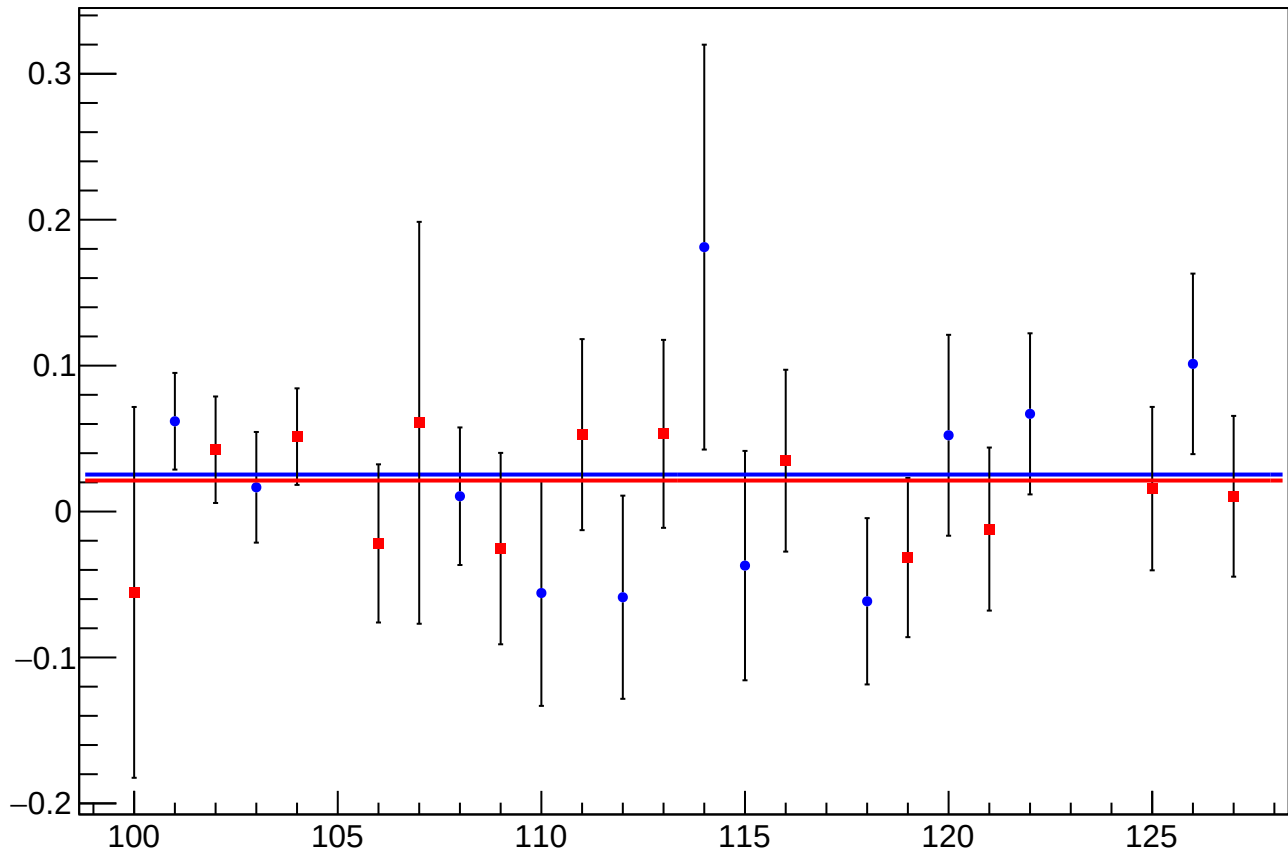
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3647726.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_overload_cor_vs_cor_diff_mean vs Slug



Right In: 0.025 $\pm$ 0.016 χ^2 /NDF: 10.4/10

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

Right Out: 0.021 $\pm$ 0.015 χ^2 /NDF: 4.6/12

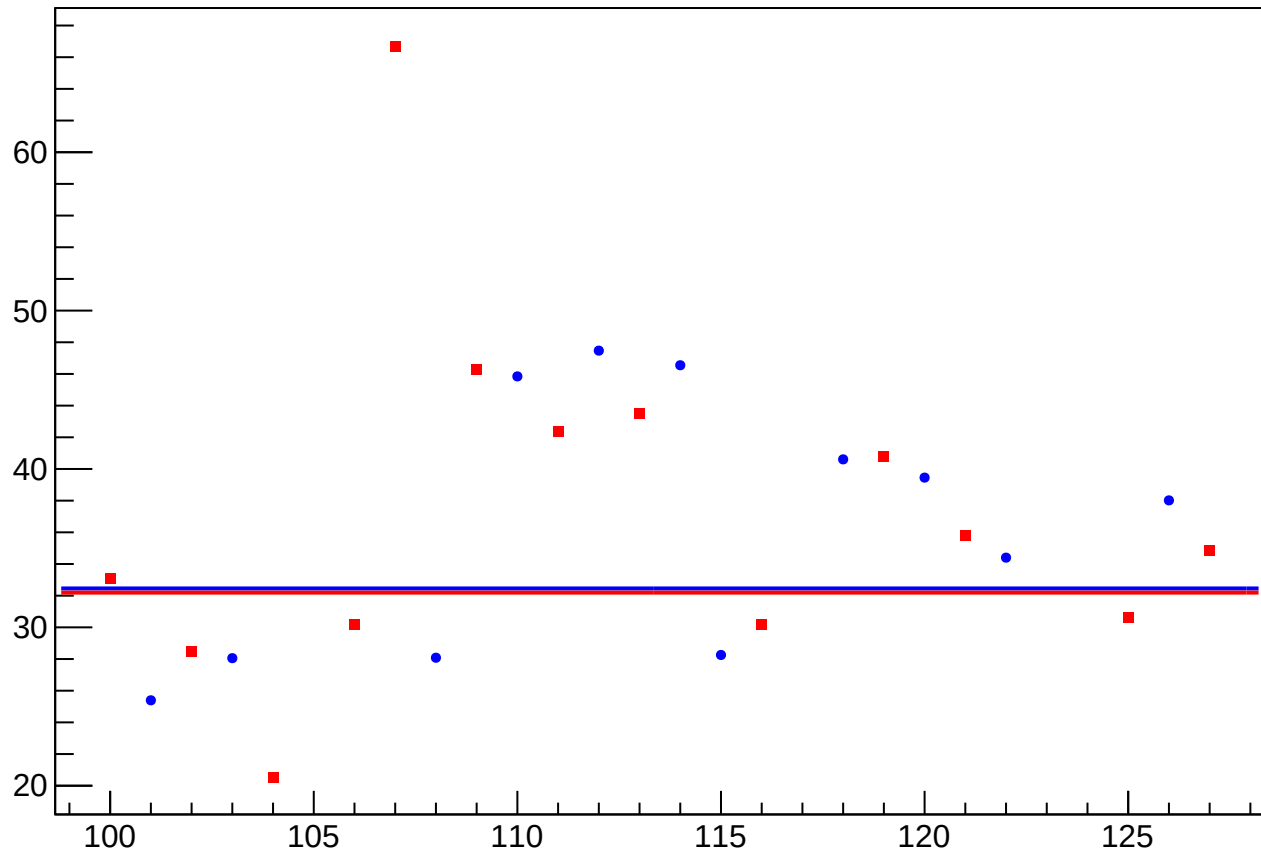
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.023 $\pm$ 0.011 χ^2 /NDF: 15.0/23

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

asym_usl_overload_cor_vs_cor_diff_rms vs Slug



Right In: 32.456+/-0.012 χ^2 /NDF: 394607.0/10

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

Right Out: 32.194+/-0.011 χ^2 /NDF: 667084.5/12

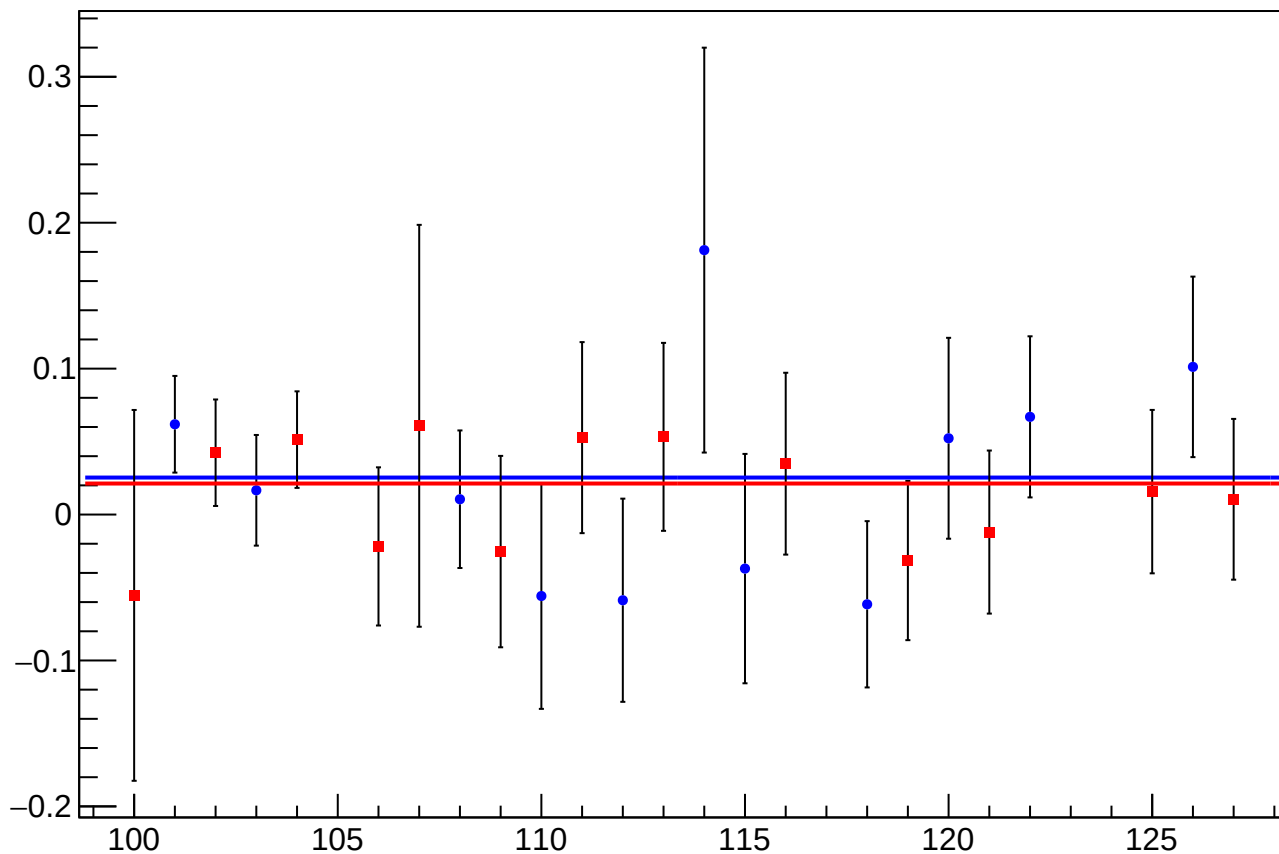
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 32.315+/-0.008 χ^2 /NDF: 1061970.0/23

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_overload_cor_vs_eigen_cor_diff_mean vs Slug



Right In: 0.025 $\pm$ 0.016 χ^2 /NDF: 10.4/10

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

Right Out: 0.021 $\pm$ 0.015 χ^2 /NDF: 4.6/12

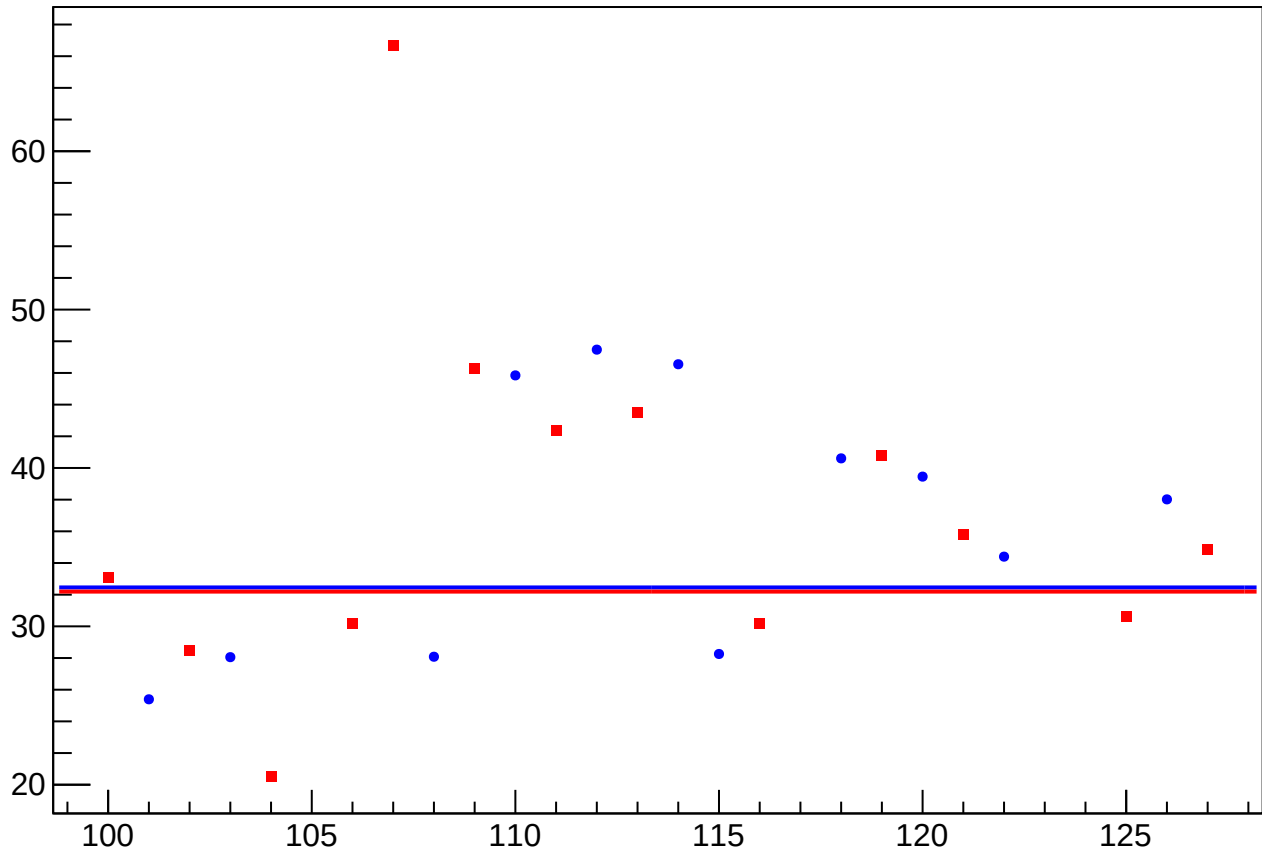
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.023 $\pm$ 0.011 χ^2 /NDF: 15.0/23

- 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: 32.456+/-0.012 χ^2/NDF : 394607.0/10

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

Right Out: 32.194+/-0.011 χ^2/NDF : 667084.5/12

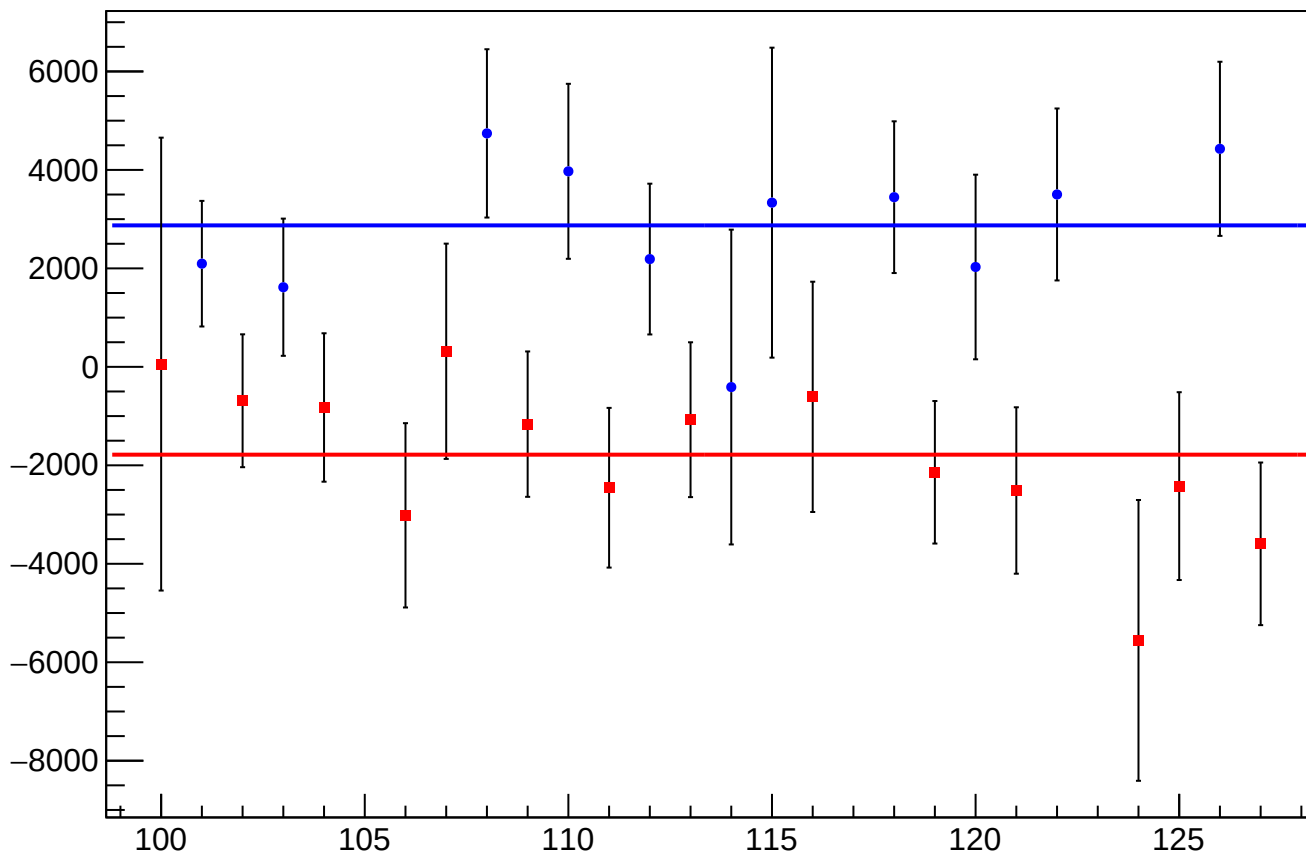
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.315+/-0.008 χ^2/NDF : 1061970.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_mean vs Slug



Right In: 2873.303+/-515.230 χ^2/NDF : 5.3/10

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

Right Out: -1783.683+/-468.850 χ^2/NDF : 6.7/13

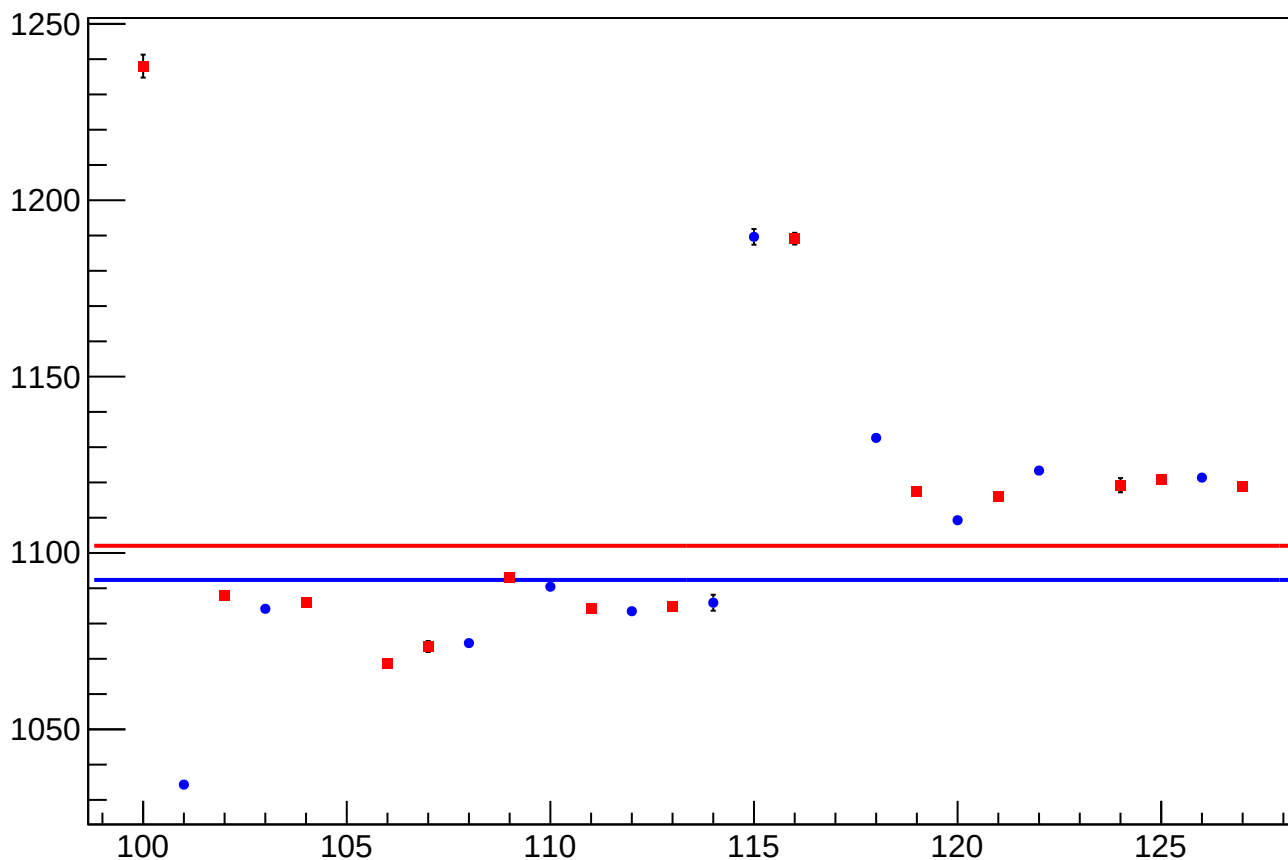
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 325.813+/-346.767 χ^2/NDF : 56.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_rms vs Slug



Right In: 1092.362 ± 0.364 χ^2/NDF : 9112.3/10

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

Right Out: 1102.044 ± 0.332 χ^2/NDF : 7333.9/13

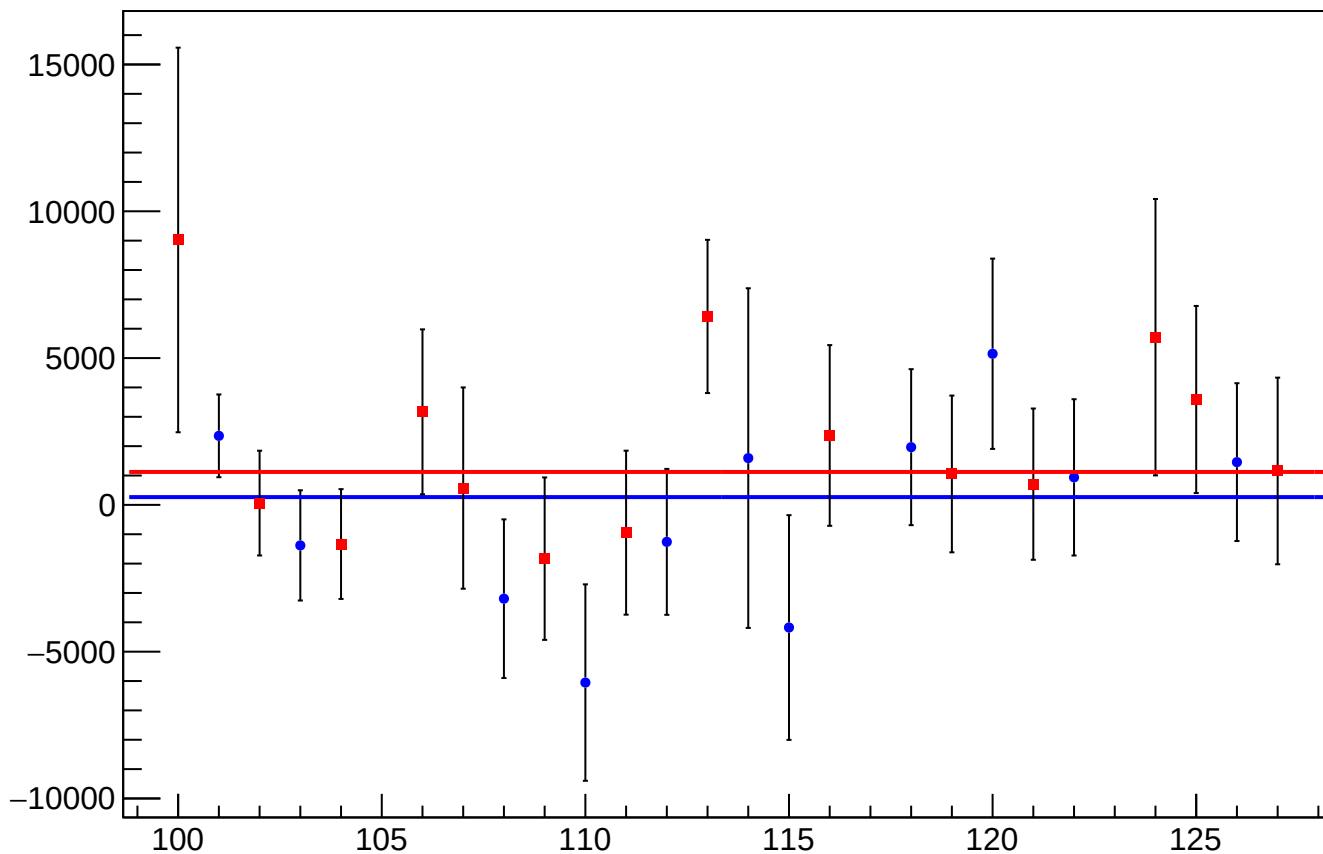
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1097.658 ± 0.245 χ^2/NDF : 16832.5/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usr_reg_correction_mean vs Slug



Right In: 264.885 $\pm$ 747.430 χ^2 /NDF: 12.9/10

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

Right Out: 1121.741 $\pm$ 729.272 χ^2 /NDF: 11.6/13

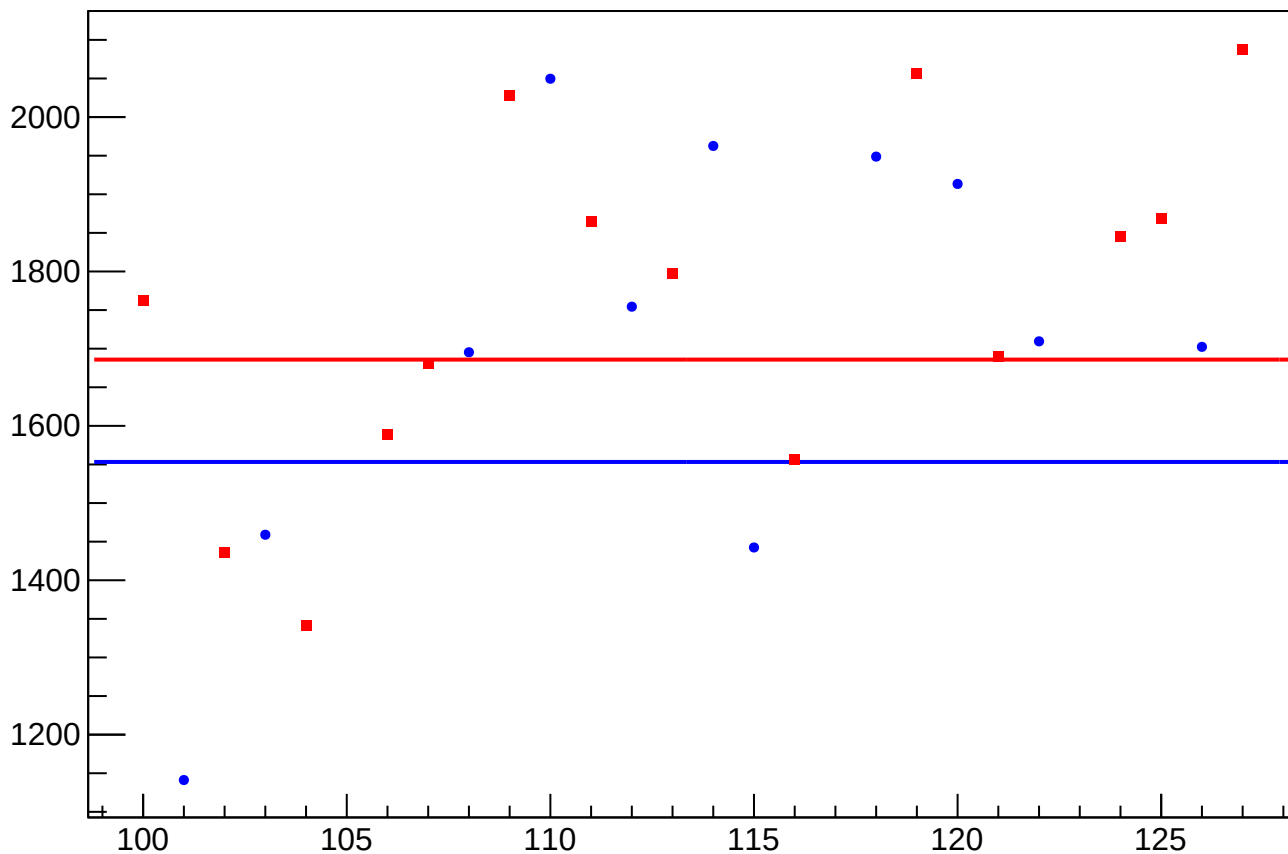
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 703.848 $\pm$ 521.975 χ^2 /NDF: 25.2/24

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

asym_usr_reg_correction_rms vs Slug



Right In: 1553.253+/-0.529 χ^2/NDF : 332384.8/10

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

Right Out: 1685.851+/-0.516 χ^2/NDF : 235384.6/13

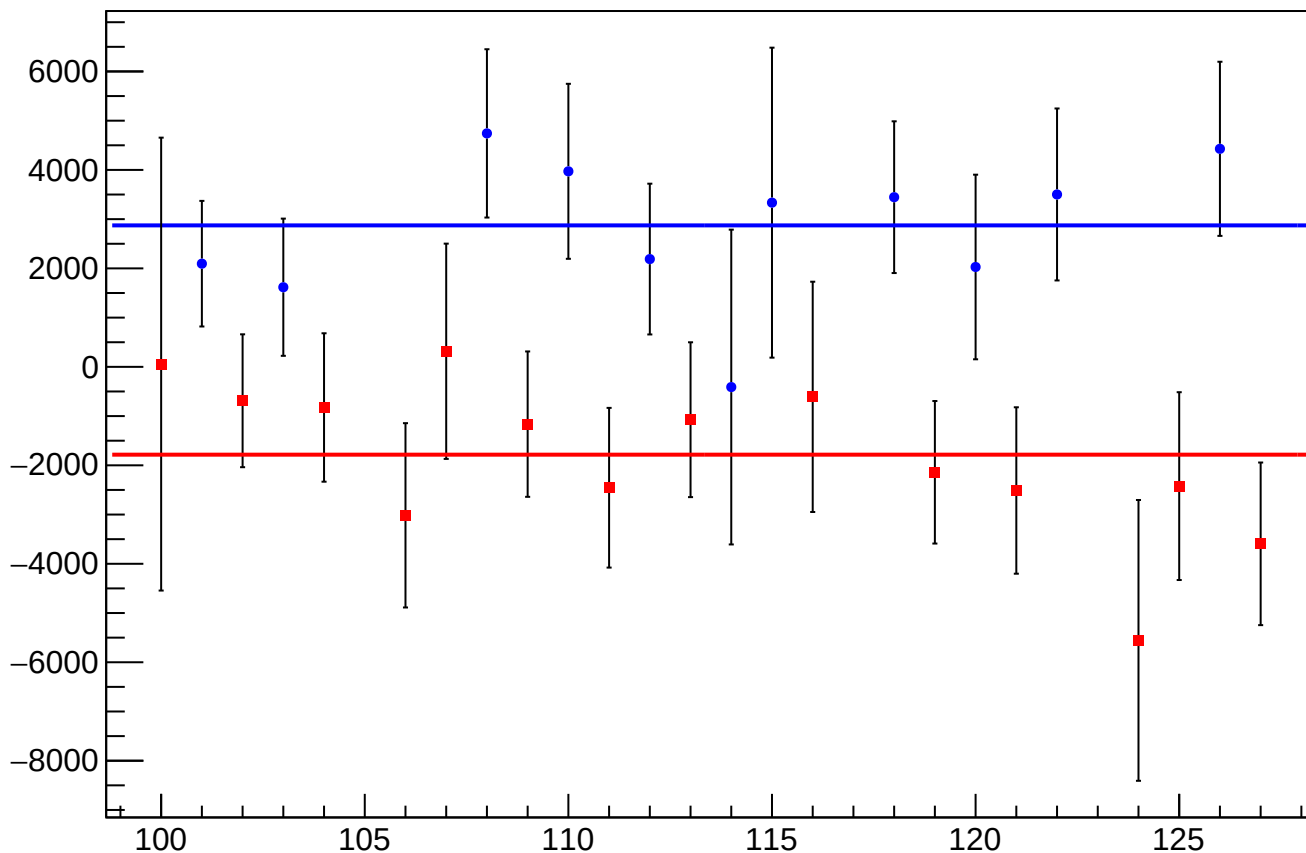
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1621.182+/-0.369 χ^2/NDF : 600016.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_mean vs Slug



Right In: 2873.303 $\pm$ 515.230 χ^2 /NDF: 5.3/10

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

Right Out: -1783.683 $\pm$ 468.850 χ^2 /NDF: 6.7/13

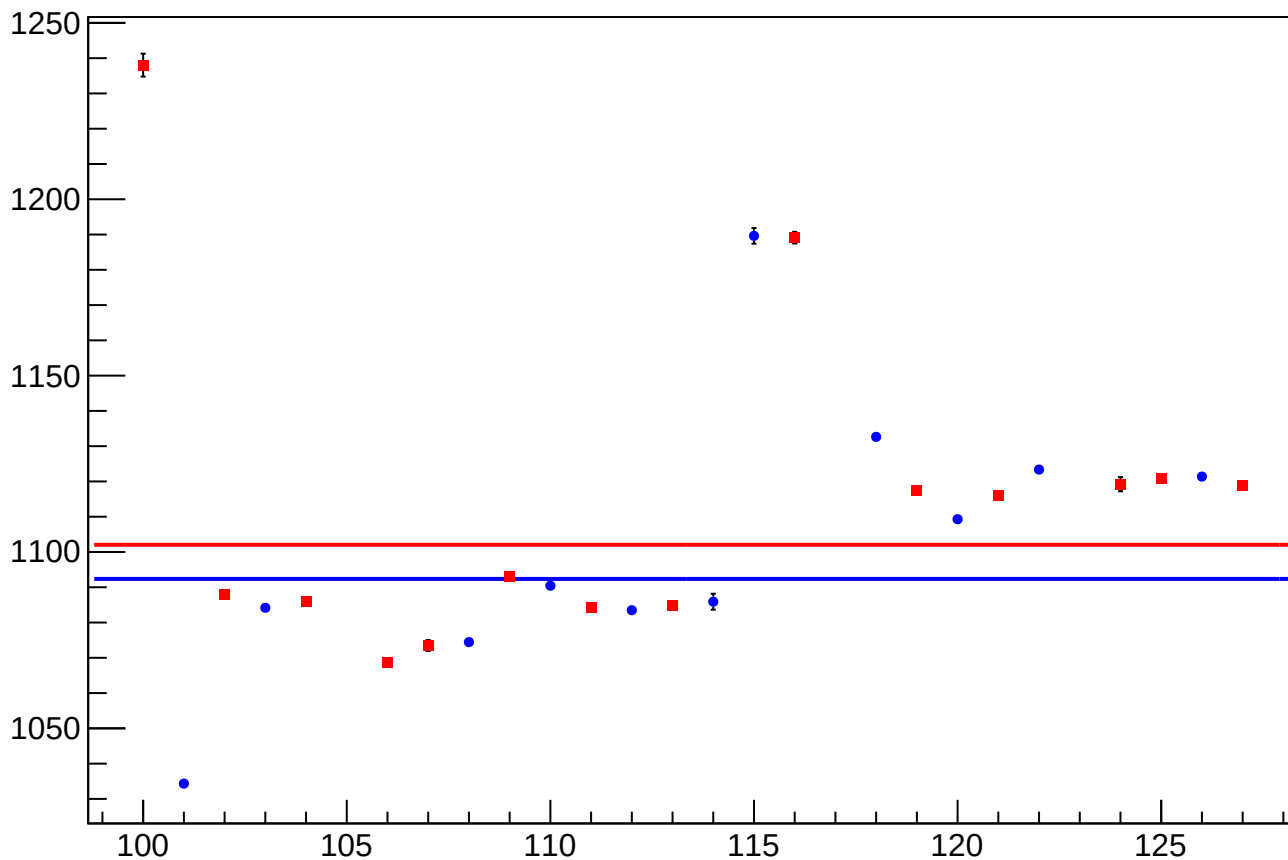
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 325.813 $\pm$ 346.767 χ^2 /NDF: 56.7/24

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

cor_asym_usr_rms vs Slug



Right In: 1092.362 $\pm$ 0.364 χ^2 /NDF: 9112.3/10

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

Right Out: 1102.044 $\pm$ 0.332 χ^2 /NDF: 7333.9/13

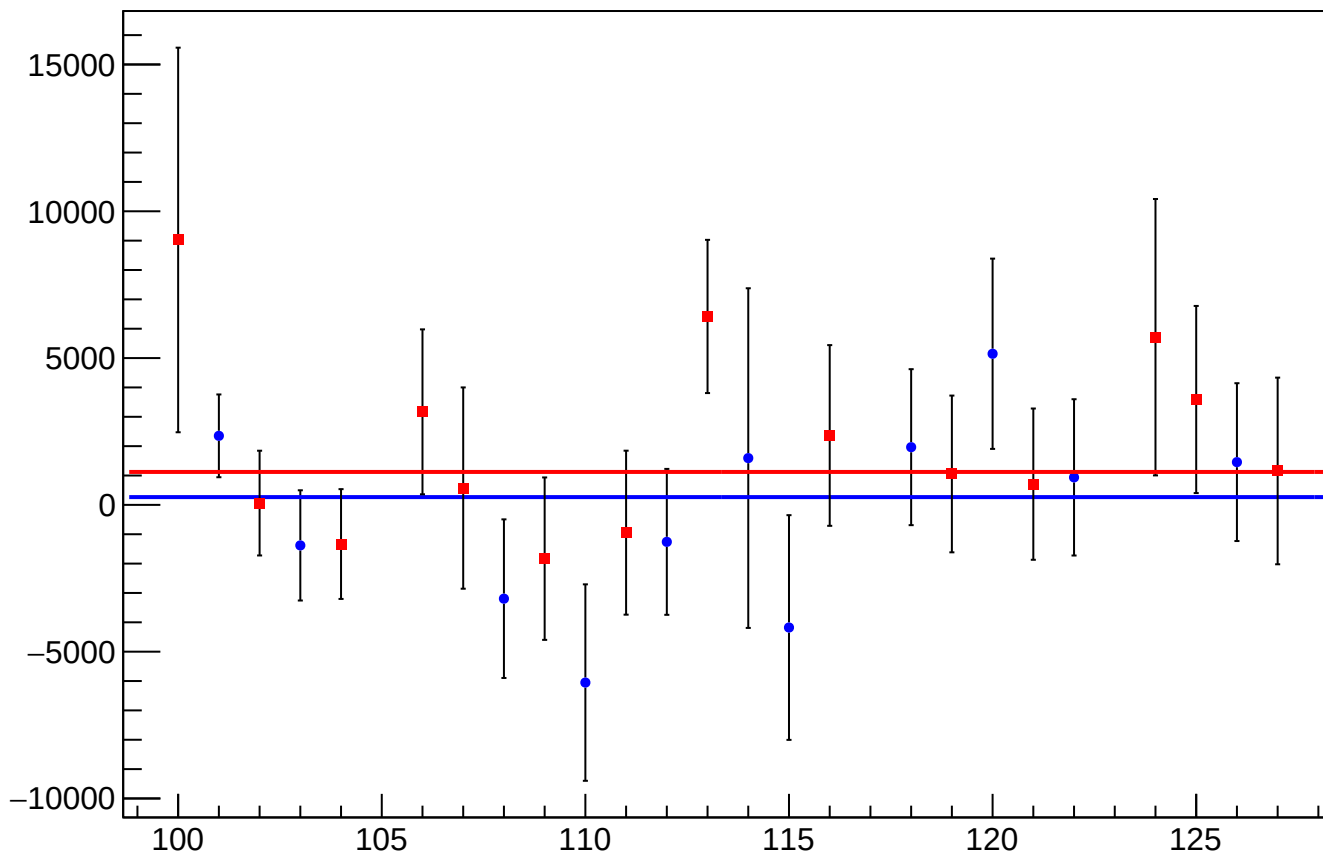
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 1097.658 $\pm$ 0.245 χ^2 /NDF: 16832.5/24

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

asym_usr_cor_correction_mean vs Slug



Right In: 264.885 $\pm$ 747.430 χ^2 /NDF: 12.9/10

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

Right Out: 1121.741 $\pm$ 729.272 χ^2 /NDF: 11.6/13

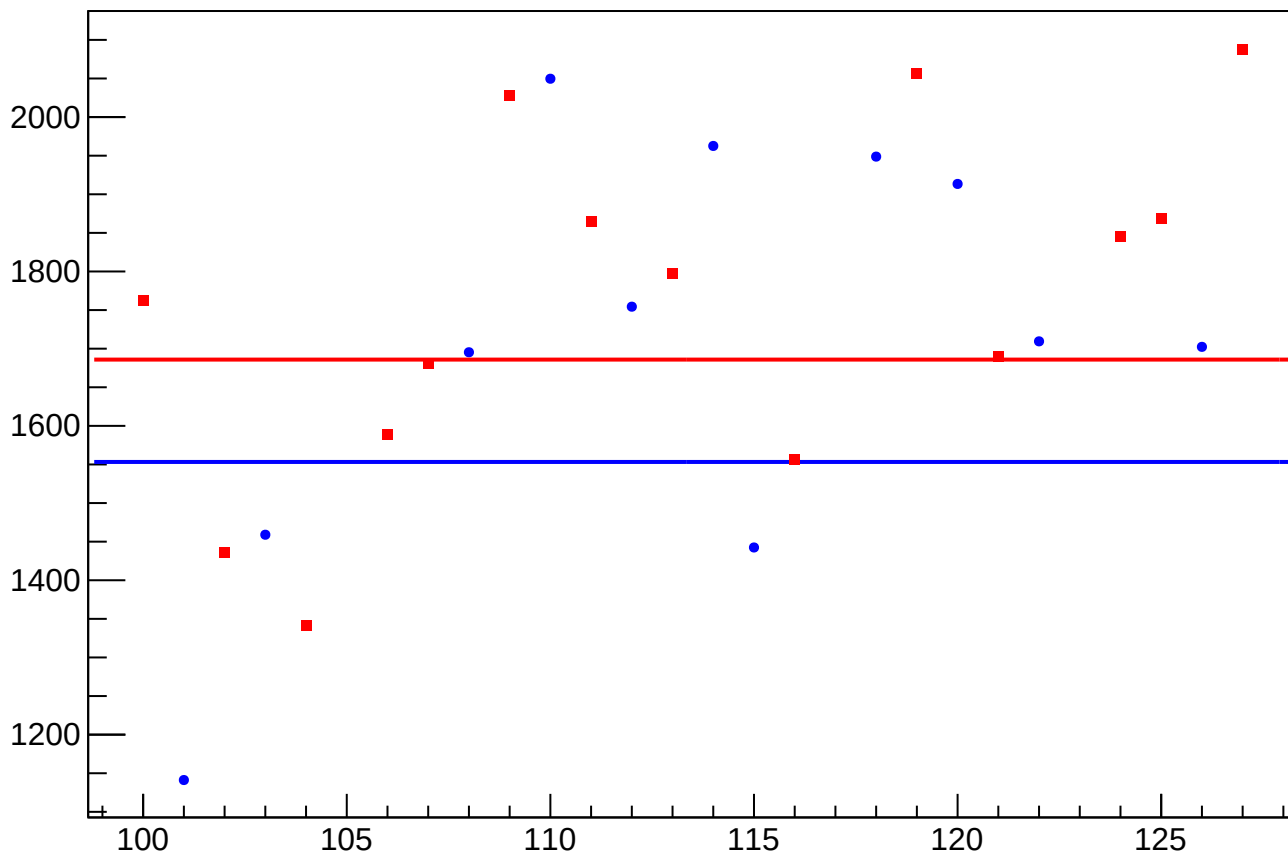
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 703.848 $\pm$ 521.975 χ^2 /NDF: 25.2/24

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

asym_usr_cor_correction_rms vs Slug



Right In: 1553.253+/-0.529 χ^2/NDF : 332384.8/10

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

Right Out: 1685.851+/-0.516 χ^2/NDF : 235384.6/13

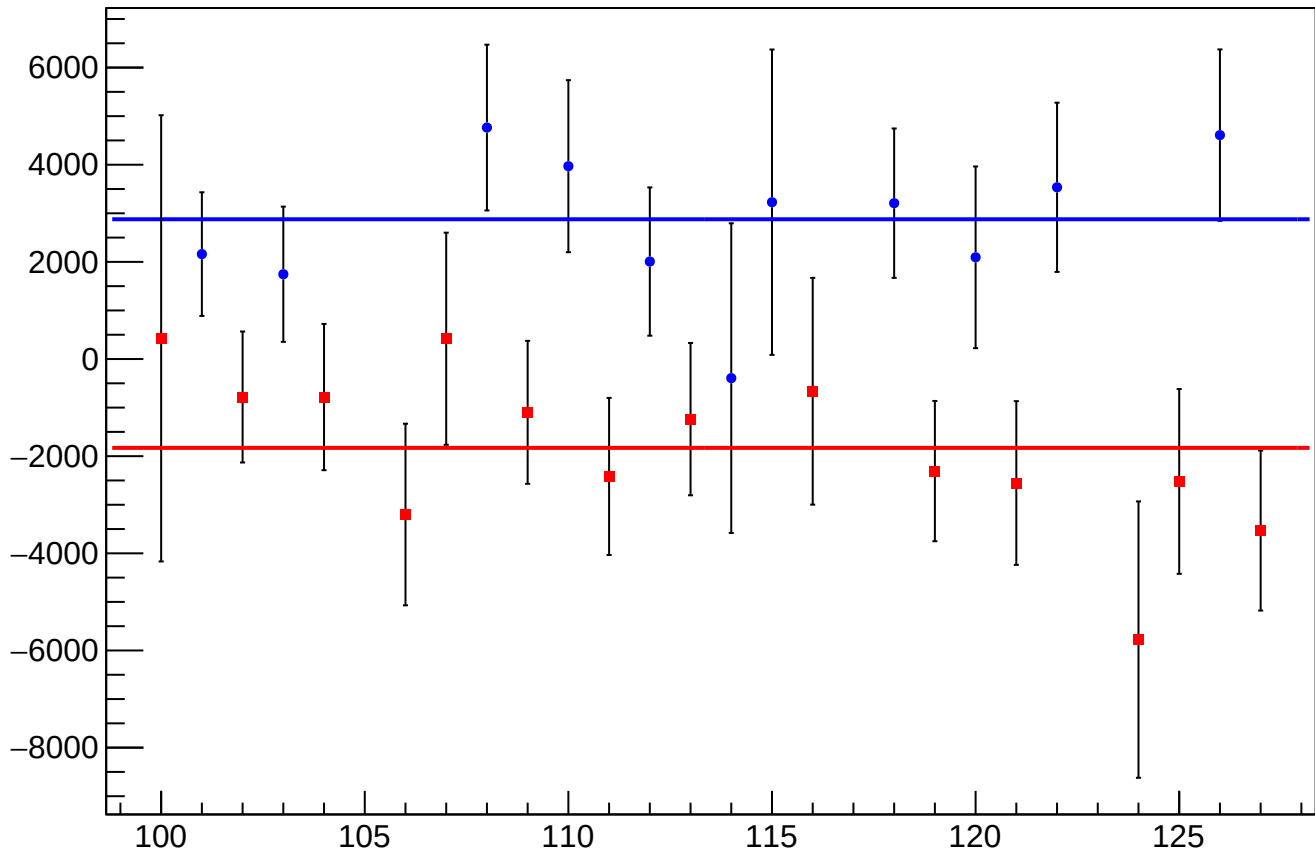
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1621.182+/-0.369 χ^2/NDF : 600016.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

overload_cor_asym_usr_mean vs Slug



Right In: 2877.257 $\pm$ 514.073 χ^2 /NDF: 5.3/10

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

Right Out: -1829.002 $\pm$ 467.805 χ^2 /NDF: 7.1/13

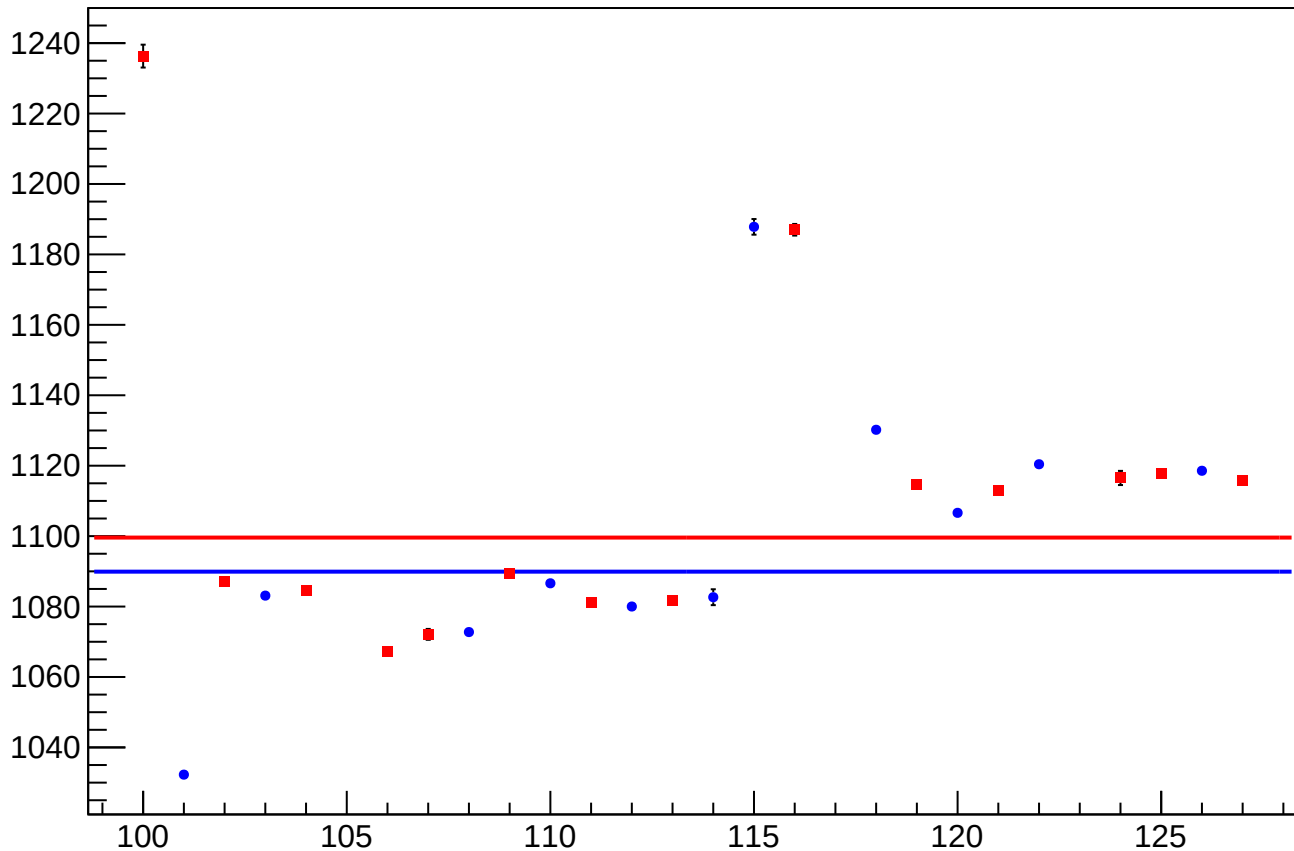
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 302.850 $\pm$ 345.992 χ^2 /NDF: 58.3/24

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

overload_cor_asym_usr_rms vs Slug



Right In: 1089.912 $\pm$ 0.364 χ^2 /NDF: 9065.7/10

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

Right Out: 1099.590 $\pm$ 0.331 χ^2 /NDF: 7272.3/13

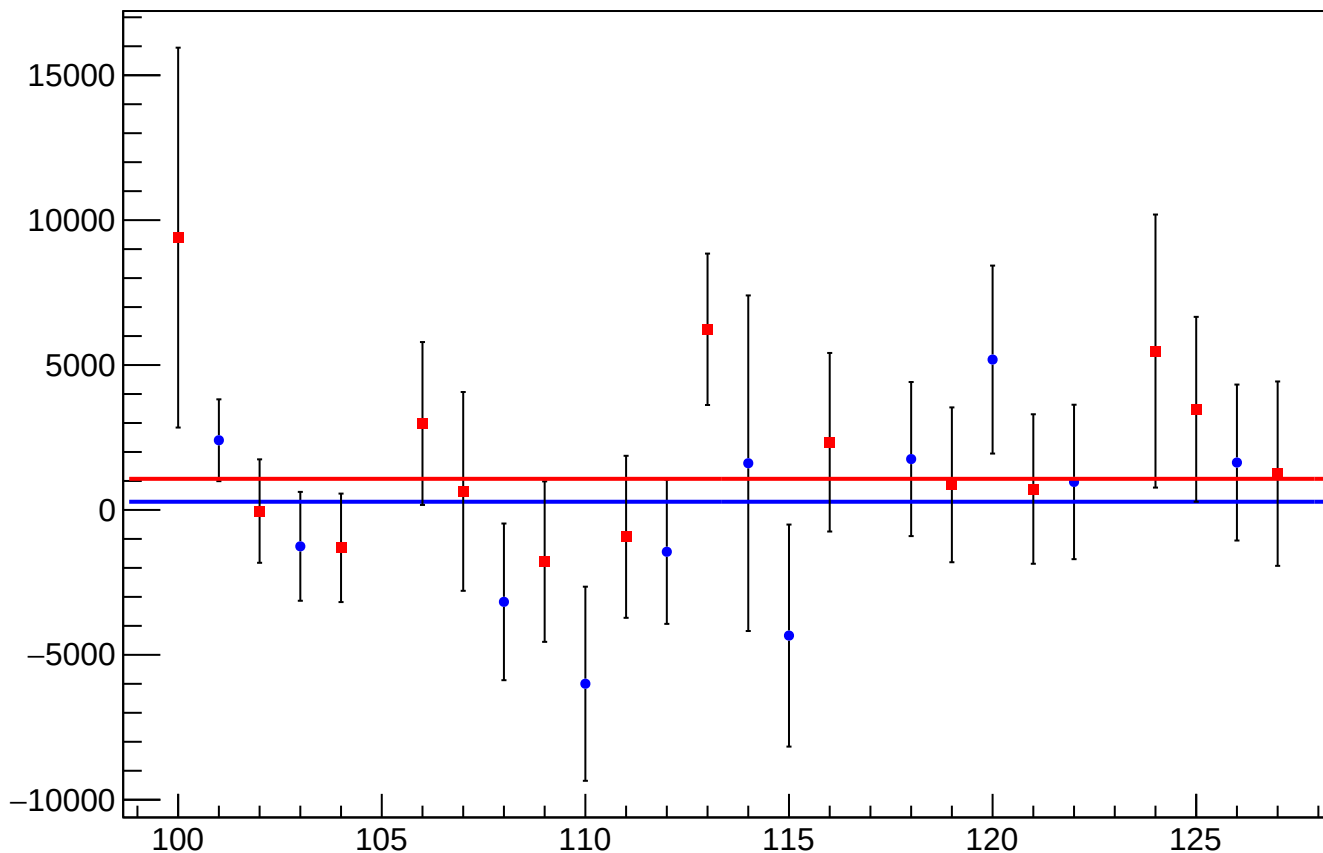
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1095.206 $\pm$ 0.245 χ^2 /NDF: 16725.7/24

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

asym_usr_overload_cor_correction_mean vs Slug



Right In: 282.595 $\pm$ 748.247 χ^2 /NDF: 13.0/10

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

Right Out: 1073.598 $\pm$ 729.879 χ^2 /NDF: 11.2/13

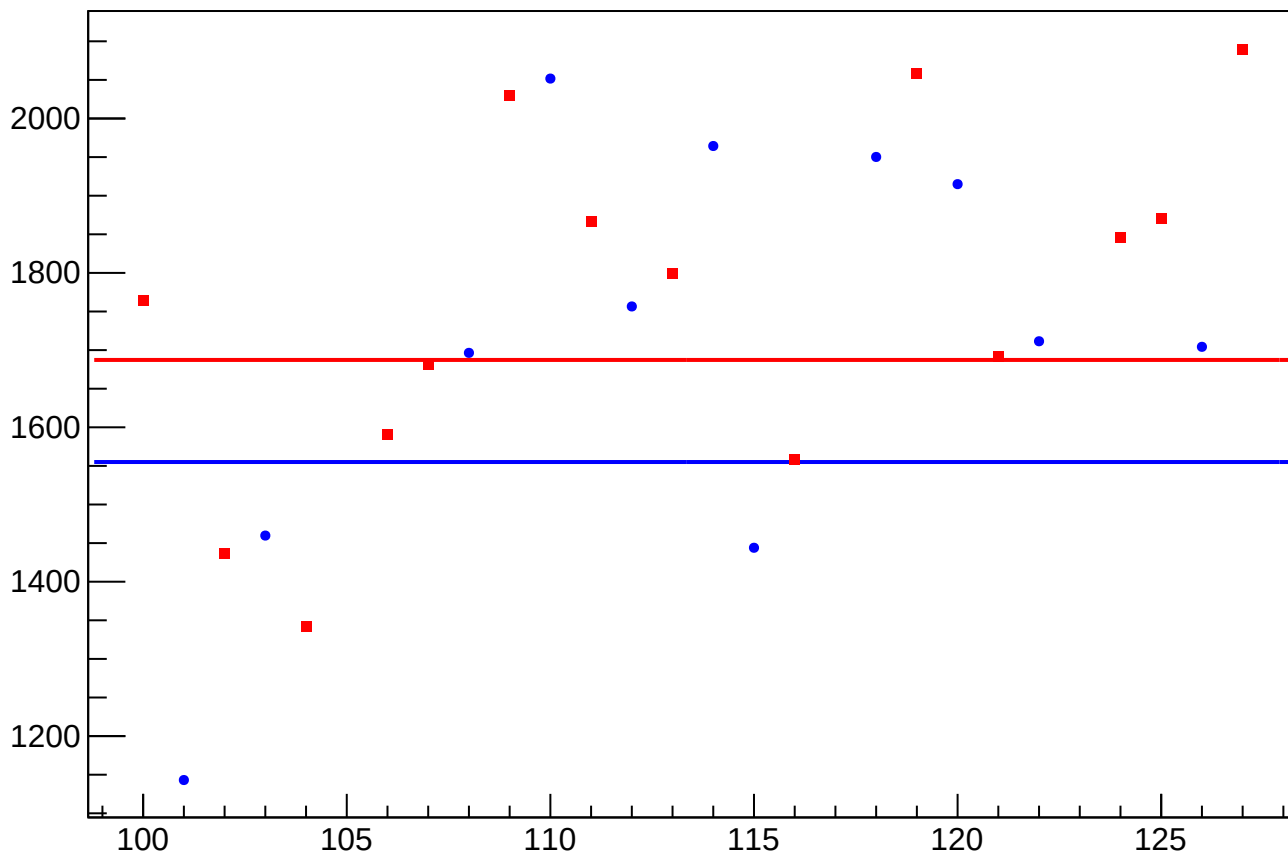
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 687.924 $\pm$ 522.475 χ^2 /NDF: 24.8/24

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

asym_usr_overload_cor_correction_rms vs Slug



Right In: 1555.038+/-0.529 χ^2/NDF : 331503.9/10

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

Right Out: 1687.255+/-0.516 χ^2/NDF : 235628.4/13

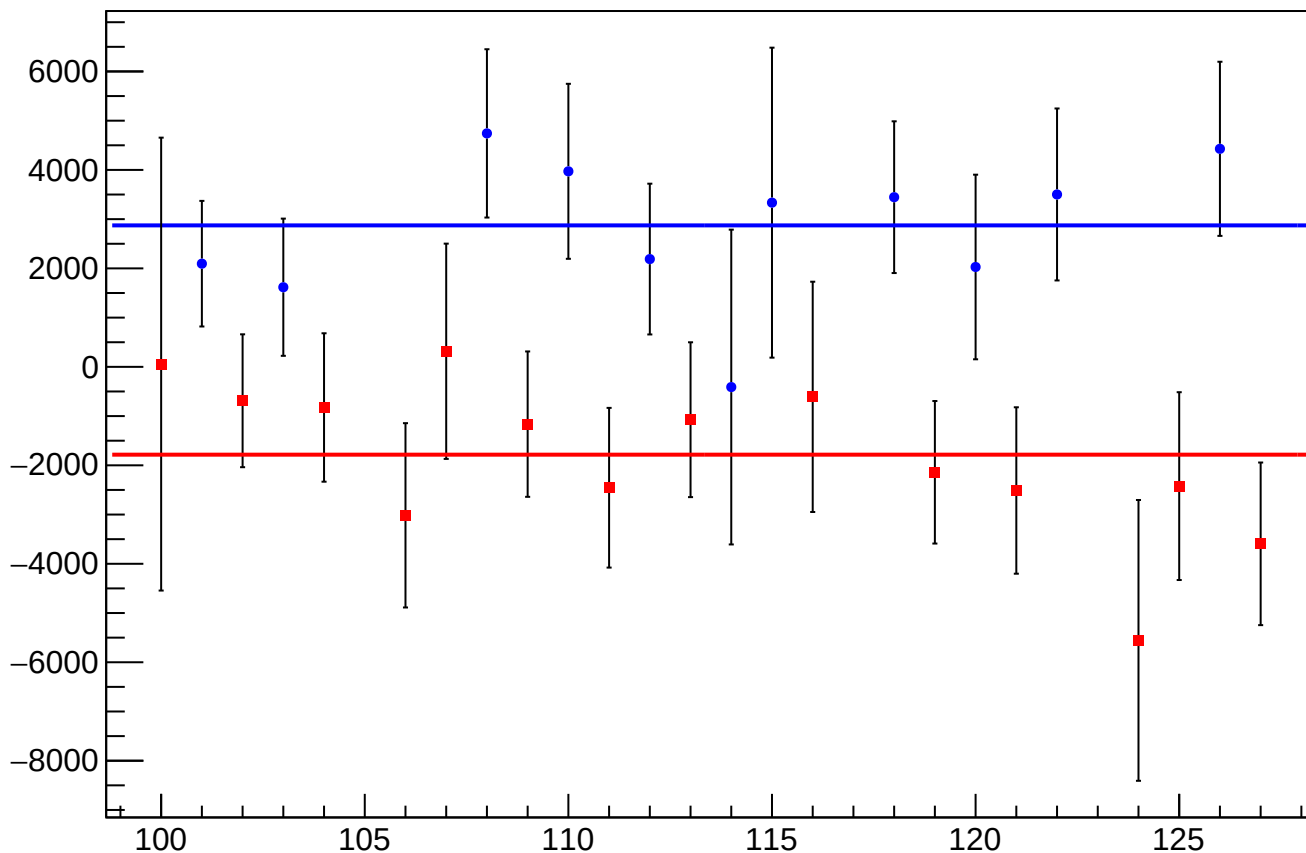
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1622.789+/-0.369 χ^2/NDF : 599132.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_mean vs Slug



Right In: 2873.303 $\pm$ 515.230 χ^2 /NDF: 5.3/10

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

Right Out: -1783.683 $\pm$ 468.850 χ^2 /NDF: 6.7/13

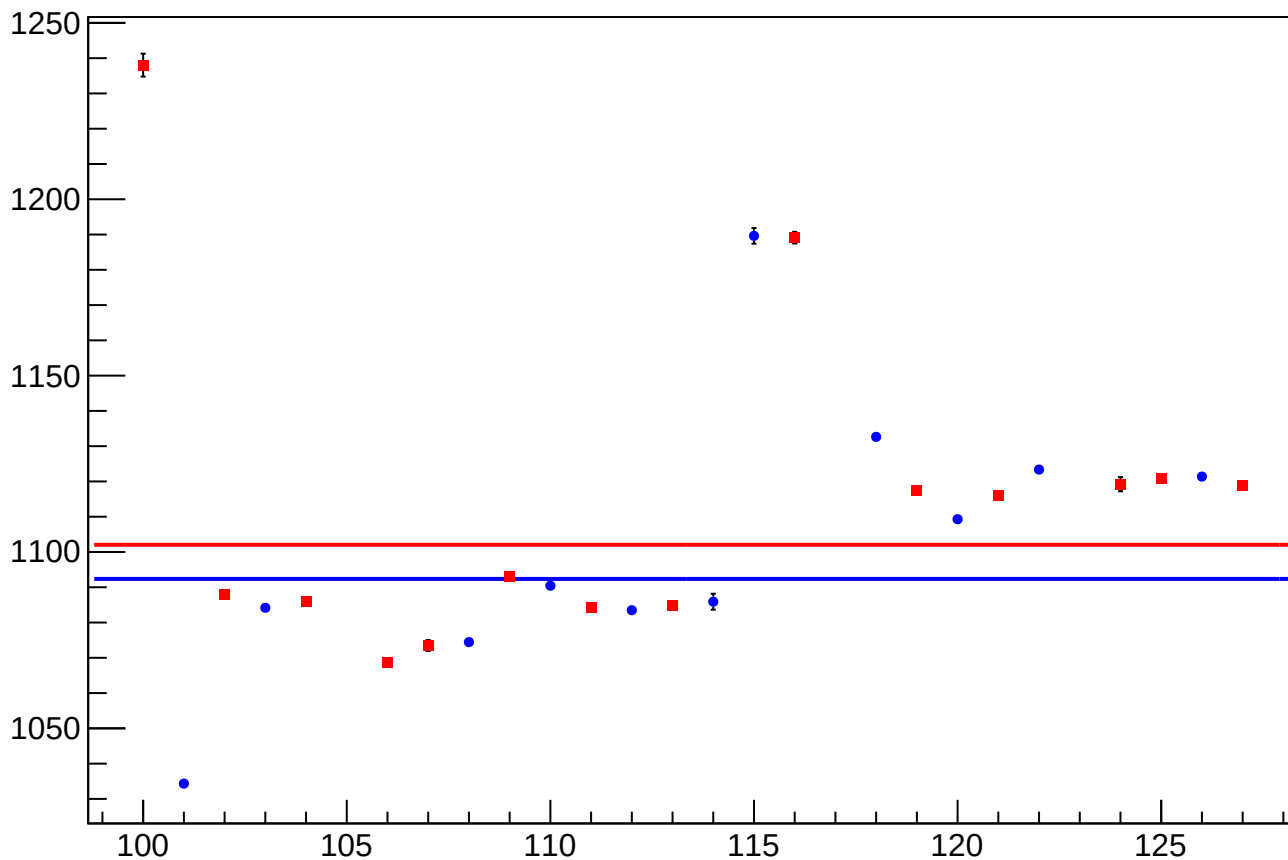
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 325.813 $\pm$ 346.767 χ^2 /NDF: 56.7/24

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

eigen_cor_asym_usr_rms vs Slug



Right In: 1092.362+/-0.364 χ^2/NDF : 9112.3/10

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

Right Out: 1102.044+/-0.332 χ^2/NDF : 7333.9/13

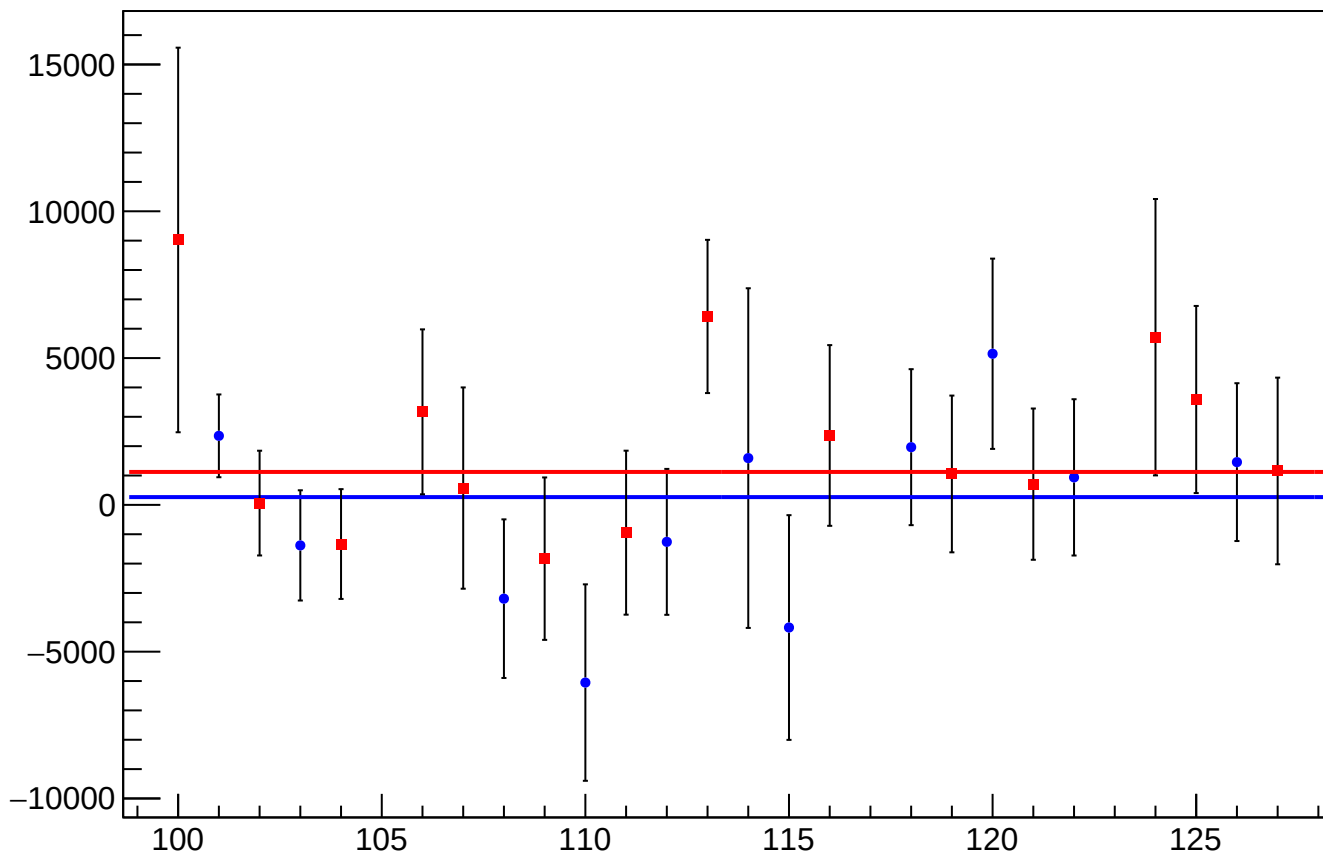
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1097.658+/-0.245 χ^2/NDF : 16832.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_cor_correction_mean vs Slug



Right In: 264.885 $\pm$ 747.430 χ^2 /NDF: 12.9/10

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

Right Out: 1121.741 $\pm$ 729.272 χ^2 /NDF: 11.6/13

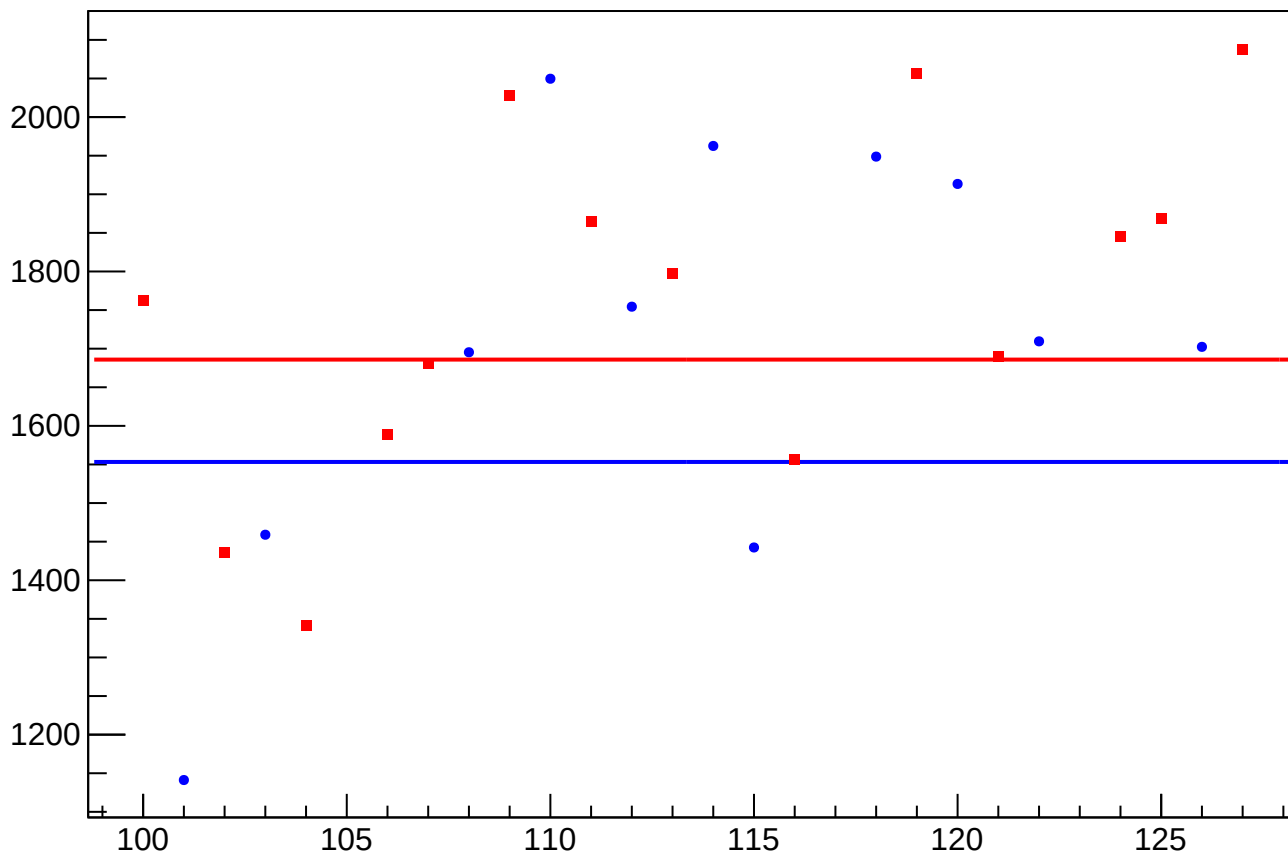
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 703.848 $\pm$ 521.975 χ^2 /NDF: 25.2/24

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

asym_usr_eigen_cor_correction_rms vs Slug



Right In: 1553.253+/-0.529 χ^2/NDF : 332384.8/10

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

Right Out: 1685.851+/-0.516 χ^2/NDF : 235384.6/13

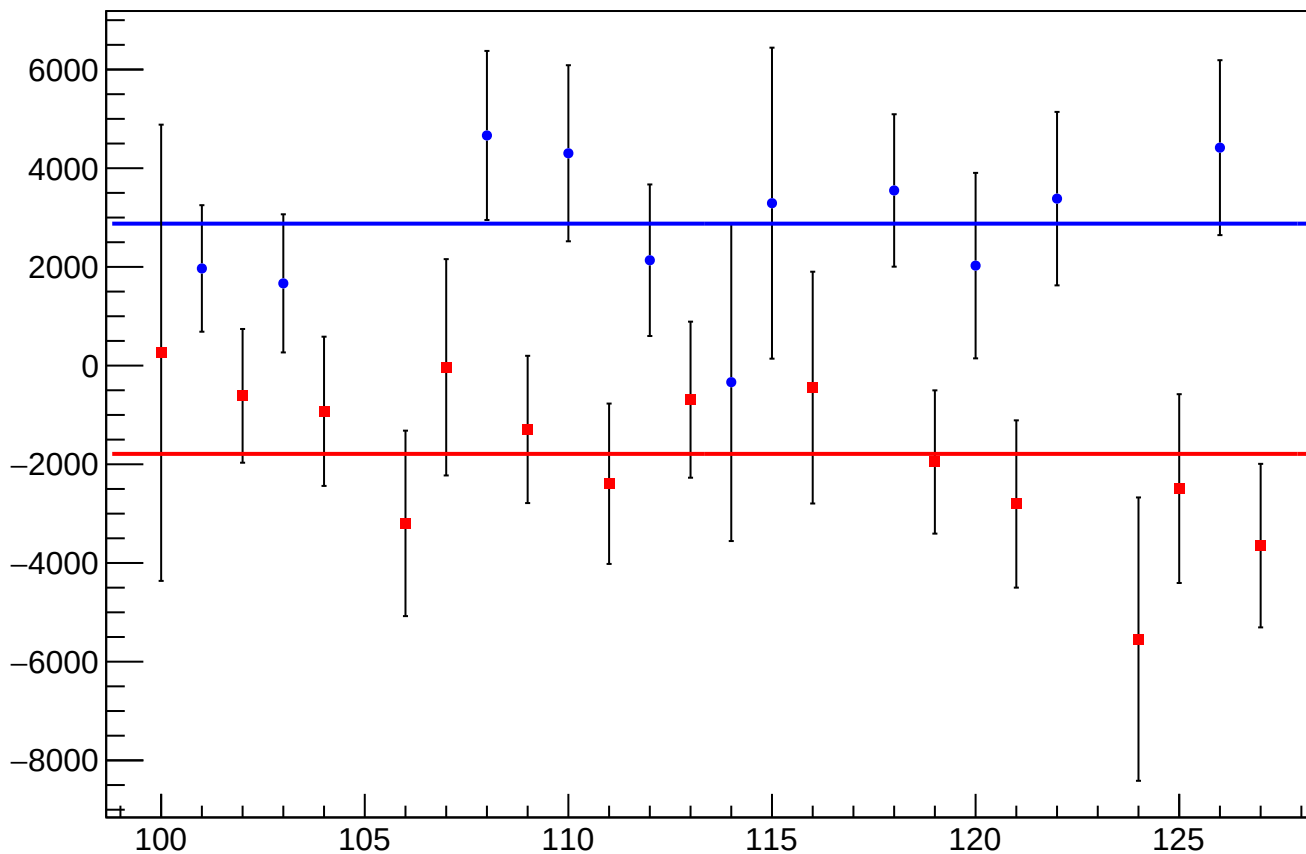
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1621.182+/-0.369 χ^2/NDF : 600016.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_mean vs Slug



Right In: 2876.645 $\pm$ 517.145 χ^2 /NDF: 5.5/10

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

Right Out: -1789.122 $\pm$ 470.868 χ^2 /NDF: 7.0/13

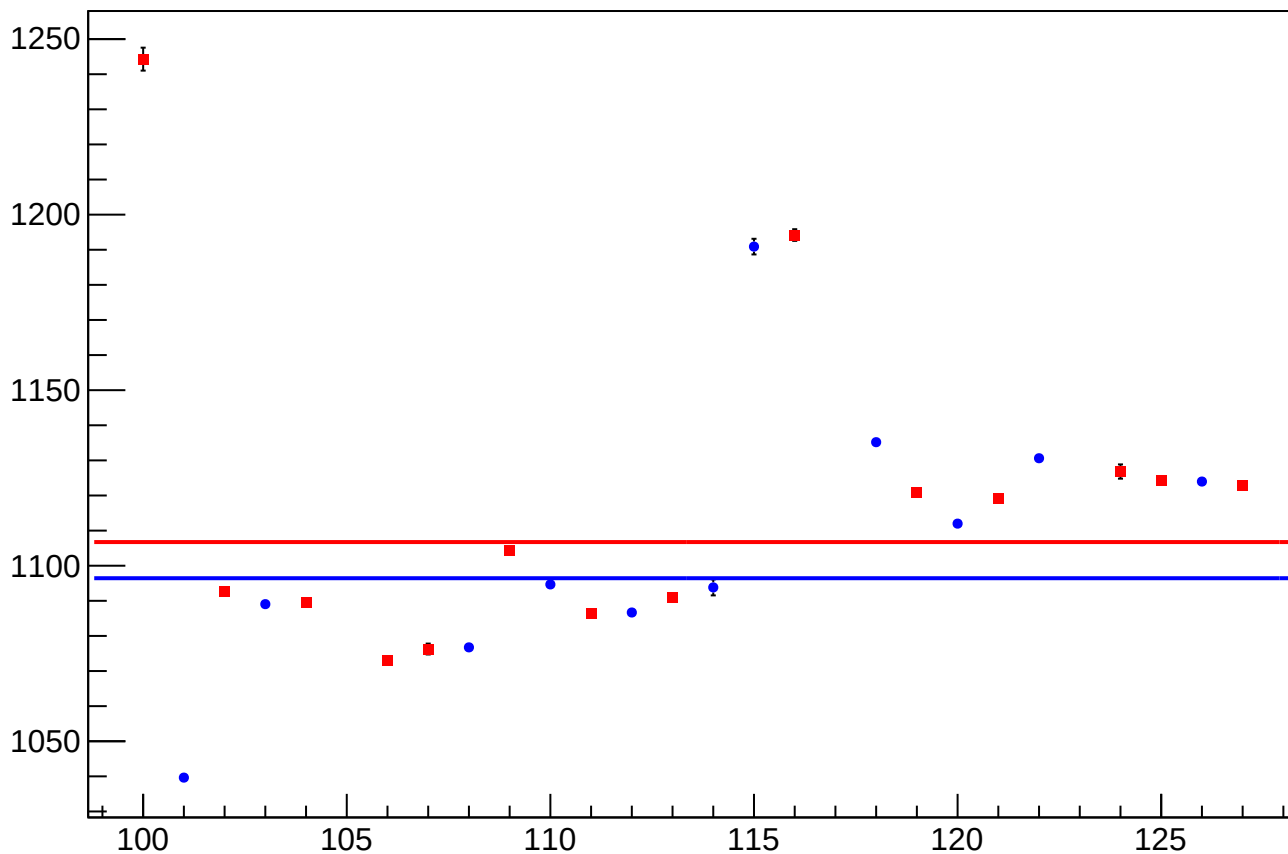
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 325.705 $\pm$ 348.167 χ^2 /NDF: 57.0/24

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

dit_asym_usr_rms vs Slug



Right In: 1096.439+/-0.366 χ^2/NDF : 8760.7/10

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

Right Out: 1106.737+/-0.333 χ^2/NDF : 7325.1/13

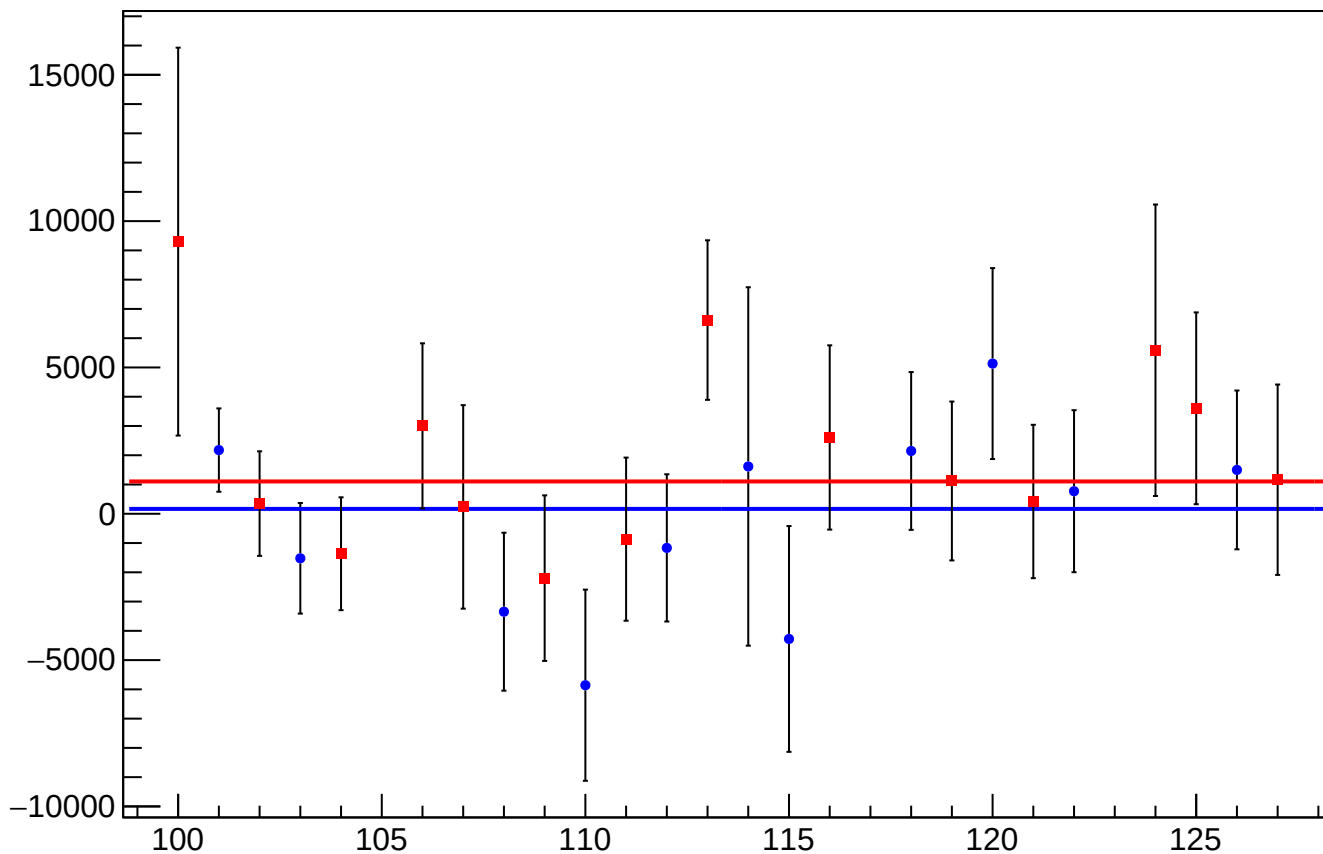
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1102.069+/-0.246 χ^2/NDF : 16519.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_dit_correction_mean vs Slug



Right In: 166.800 $\pm$ 755.013 χ^2 /NDF: 12.7/10

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

Right Out: 1104.911 $\pm$ 742.887 χ^2 /NDF: 11.5/13

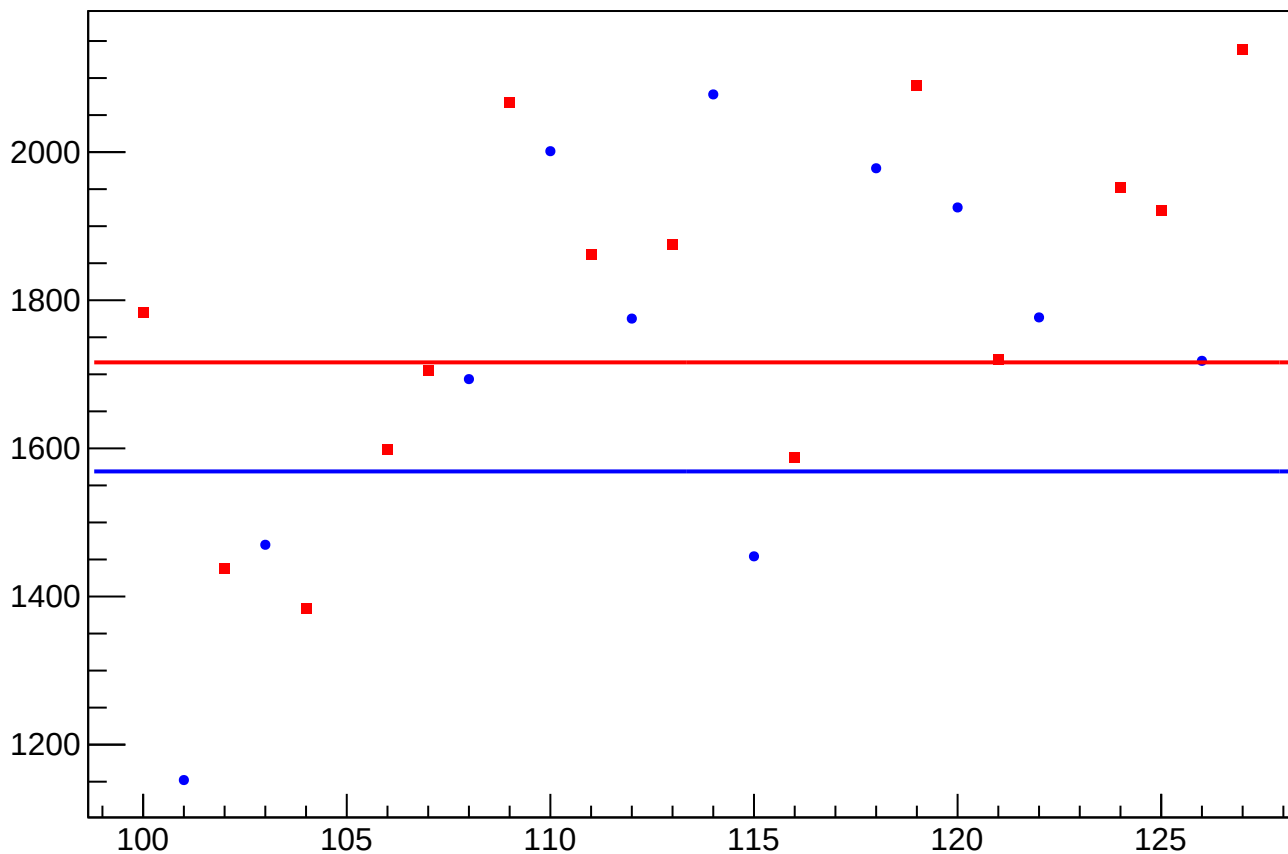
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 643.449 $\pm$ 529.535 χ^2 /NDF: 25.0/24

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

asym_usr_dit_correction_rms vs Slug



Right In: 1568.898+/-0.534 χ^2/NDF : 332483.3/10

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

Right Out: 1716.123+/-0.525 χ^2/NDF : 242297.6/13

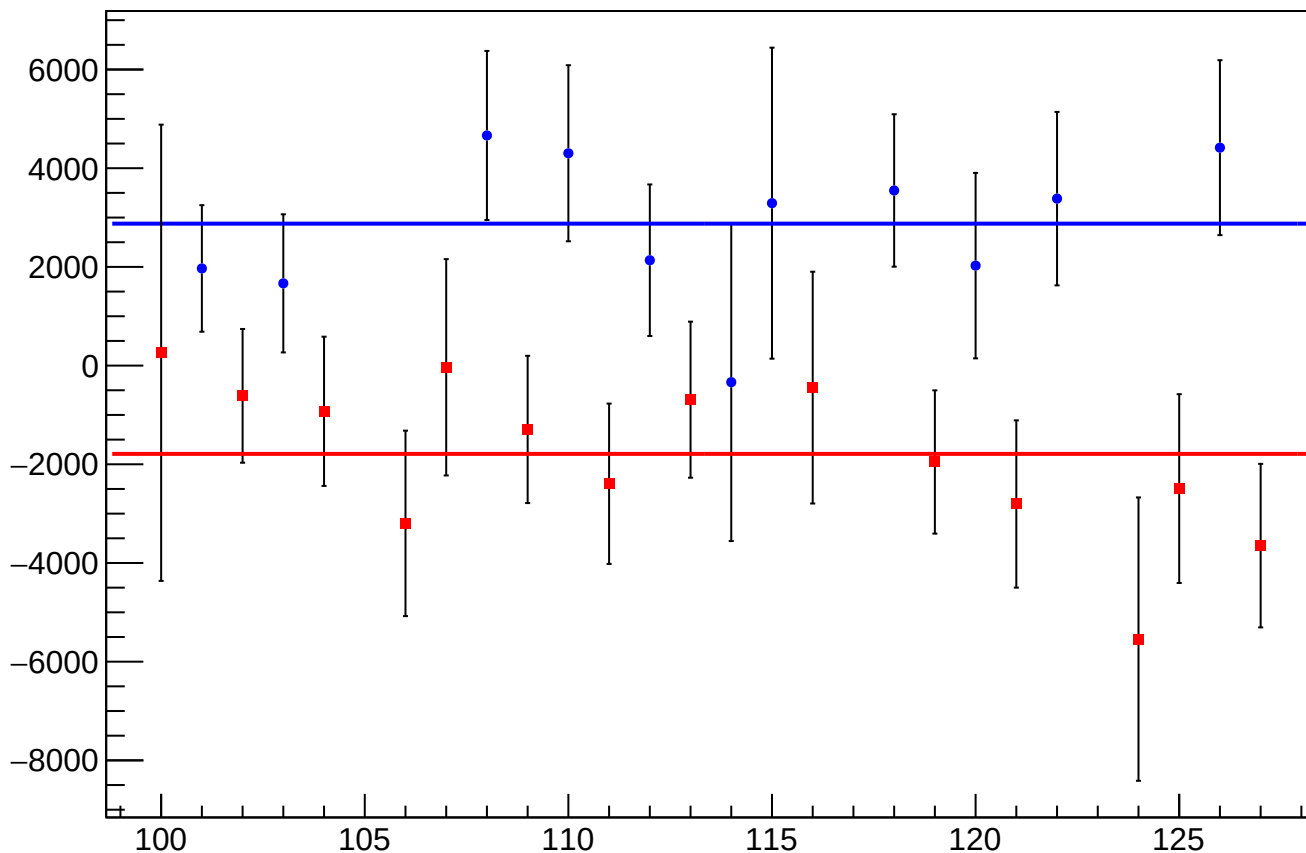
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1643.702+/-0.374 χ^2/NDF : 613419.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_mean vs Slug



Right In: 2876.644 $\pm$ 517.145 χ^2 /NDF: 5.5/10

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

Right Out: -1789.125 $\pm$ 470.868 χ^2 /NDF: 7.0/13

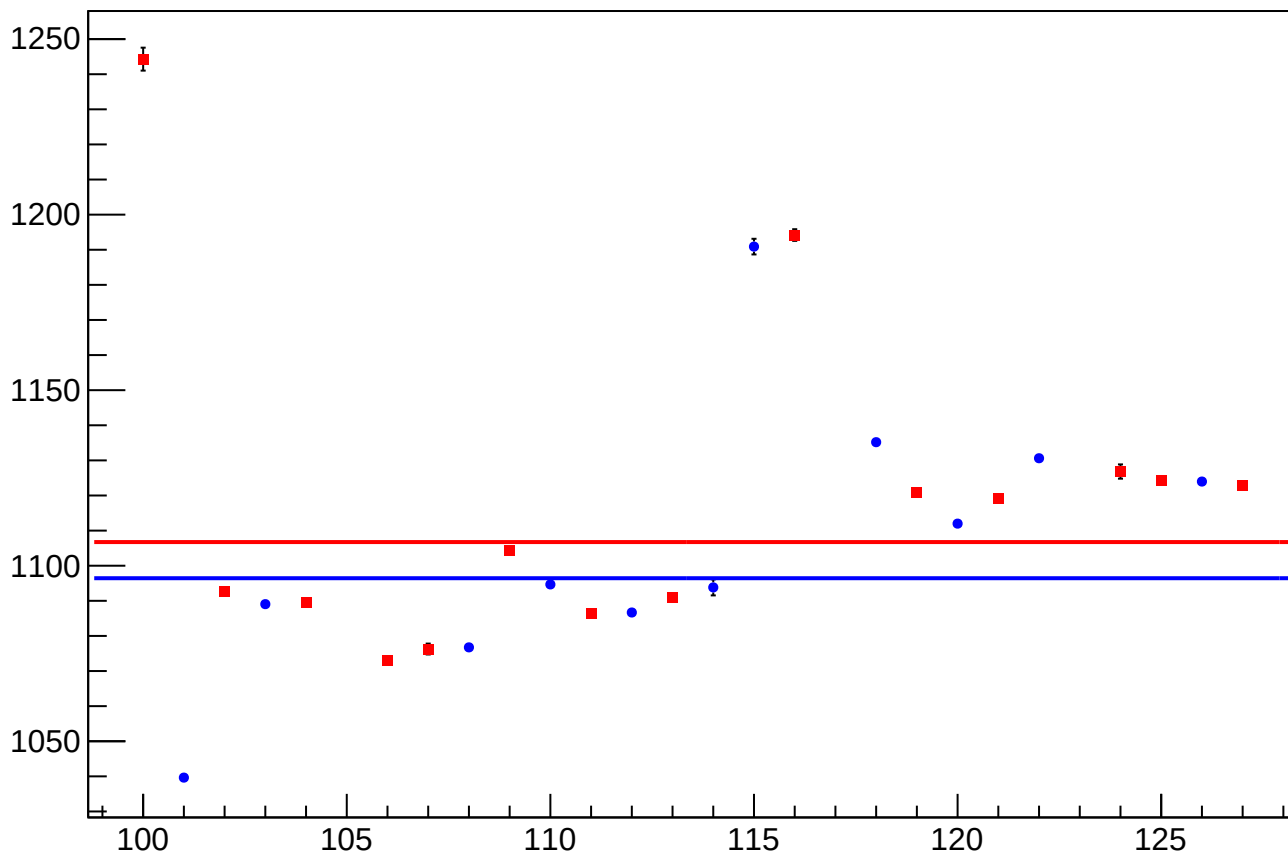
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 325.703 $\pm$ 348.167 χ^2 /NDF: 57.0/24

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

eigen_dit_asym_usr_rms vs Slug



Right In: 1096.439+/-0.366 χ^2/NDF : 8760.6/10

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

Right Out: 1106.737+/-0.333 χ^2/NDF : 7325.1/13

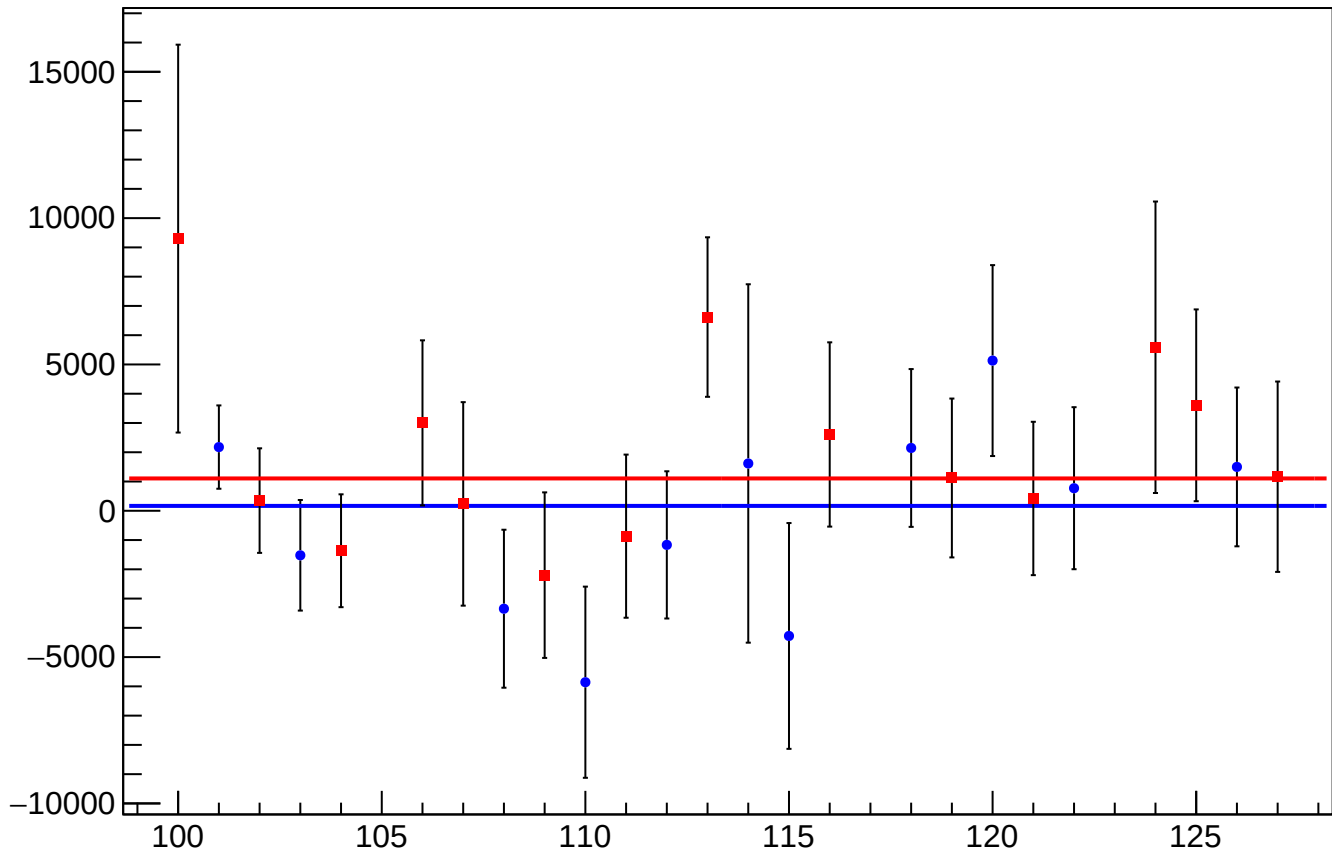
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1102.069+/-0.246 χ^2/NDF : 16519.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_dit_correction_mean vs Slug



Right In: 166.799 $\pm$ 755.011 χ^2 /NDF: 12.7/10

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

Right Out: 1104.913 $\pm$ 742.886 χ^2 /NDF: 11.5/13

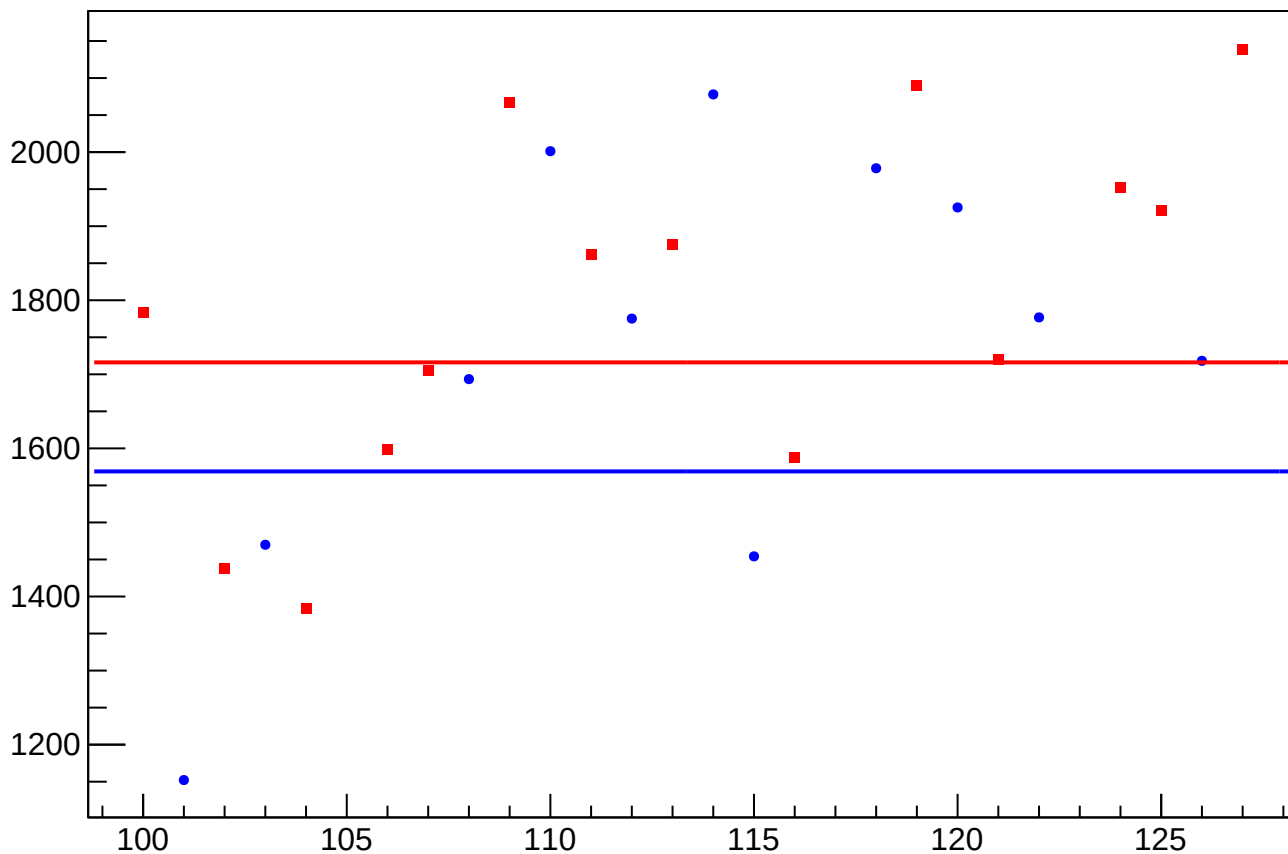
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 643.449 $\pm$ 529.535 χ^2 /NDF: 25.0/24

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

asym_usr_eigen_dit_correction_rms vs Slug



Right In: 1568.896+/-0.534 χ^2/NDF : 332476.6/10

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

Right Out: 1716.121+/-0.525 χ^2/NDF : 242289.3/13

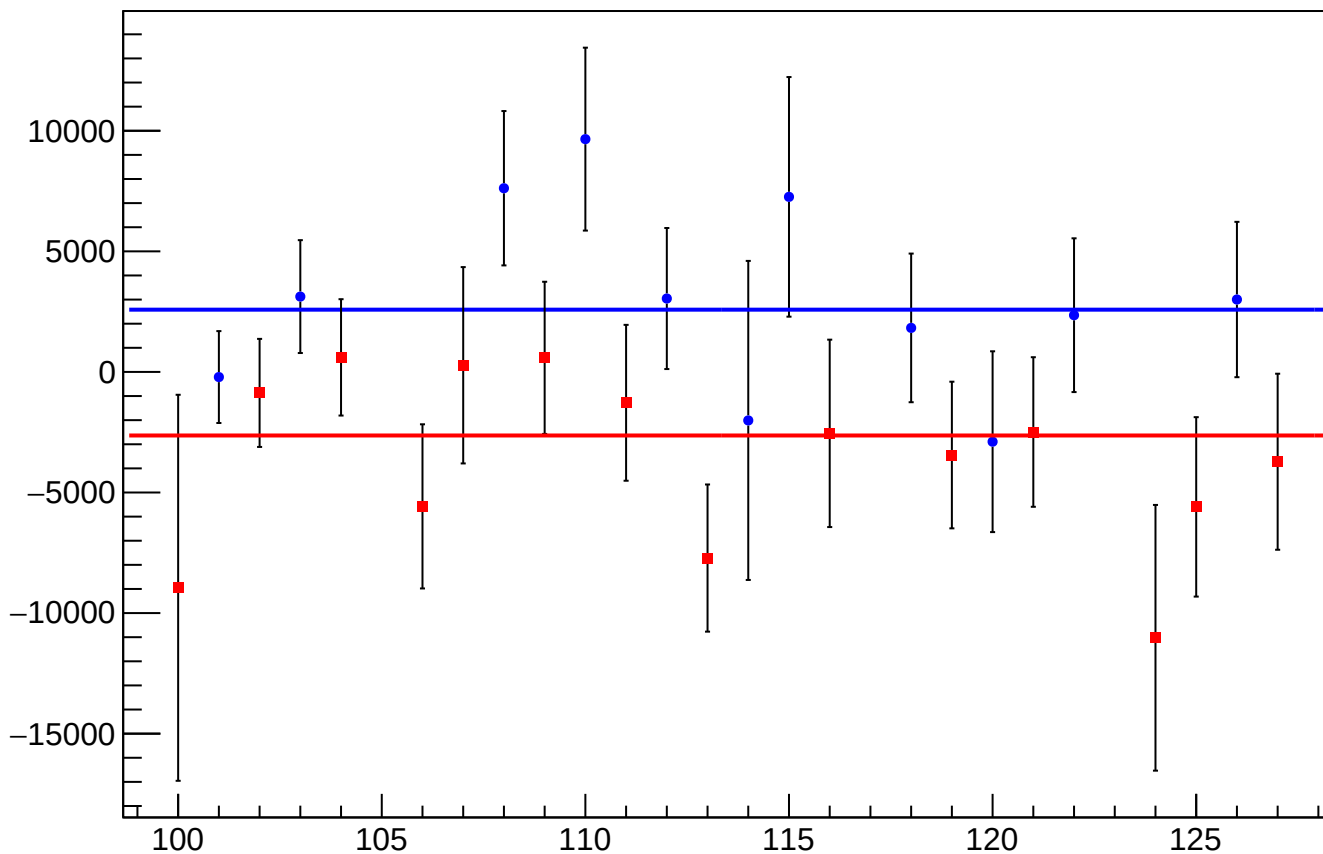
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1643.700+/-0.374 χ^2/NDF : 613405.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_mean vs Slug



Right In: 2581.771 $\pm$ 921.856 χ^2 /NDF: 11.8/10

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

Right Out: -2635.632 $\pm$ 878.564 χ^2 /NDF: 11.4/13

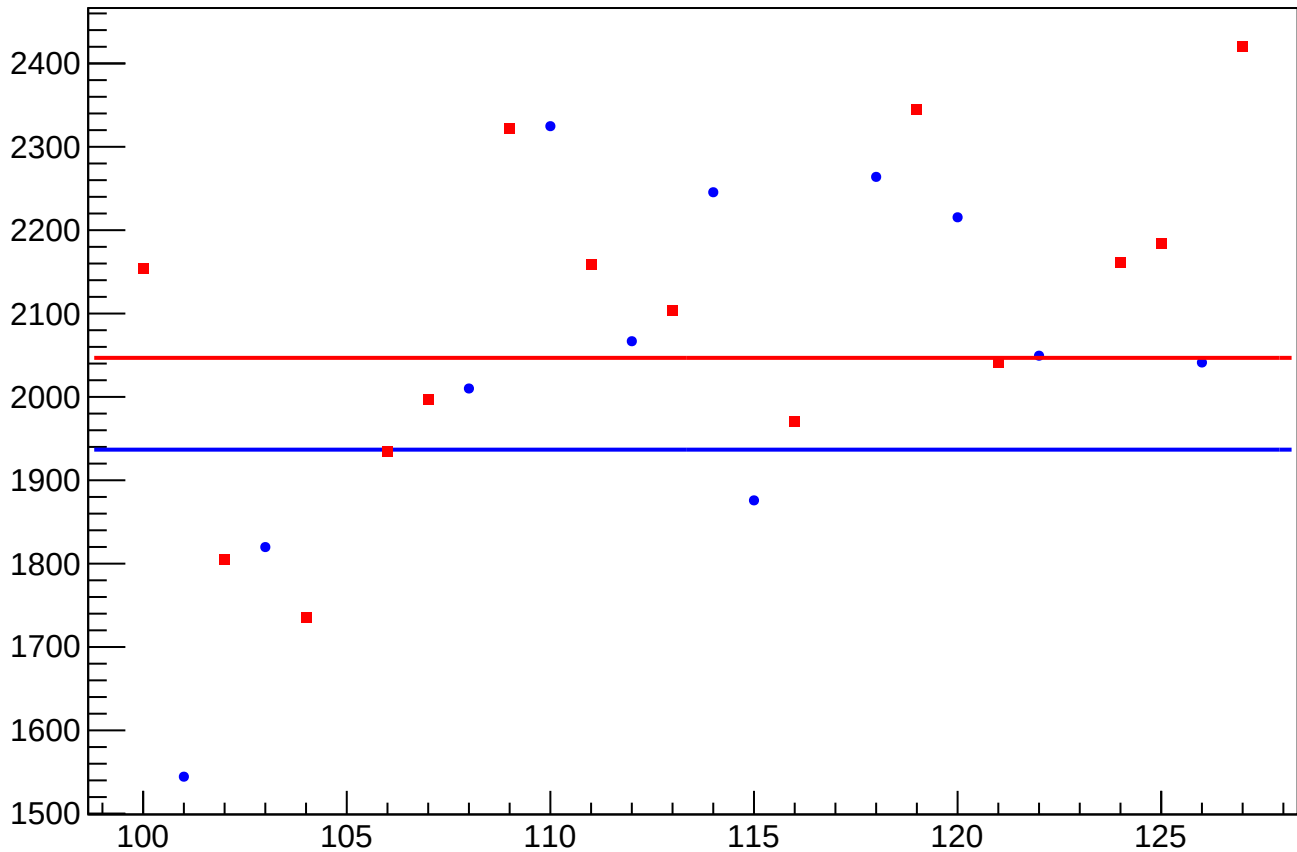
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -152.314 $\pm$ 635.993 χ^2 /NDF: 40.0/24

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

asym_usr_rms vs Slug



Right In: 1936.733+/-0.652 χ^2/NDF : 158568.5/10

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

Right Out: 2046.841+/-0.621 χ^2/NDF : 122142.2/13

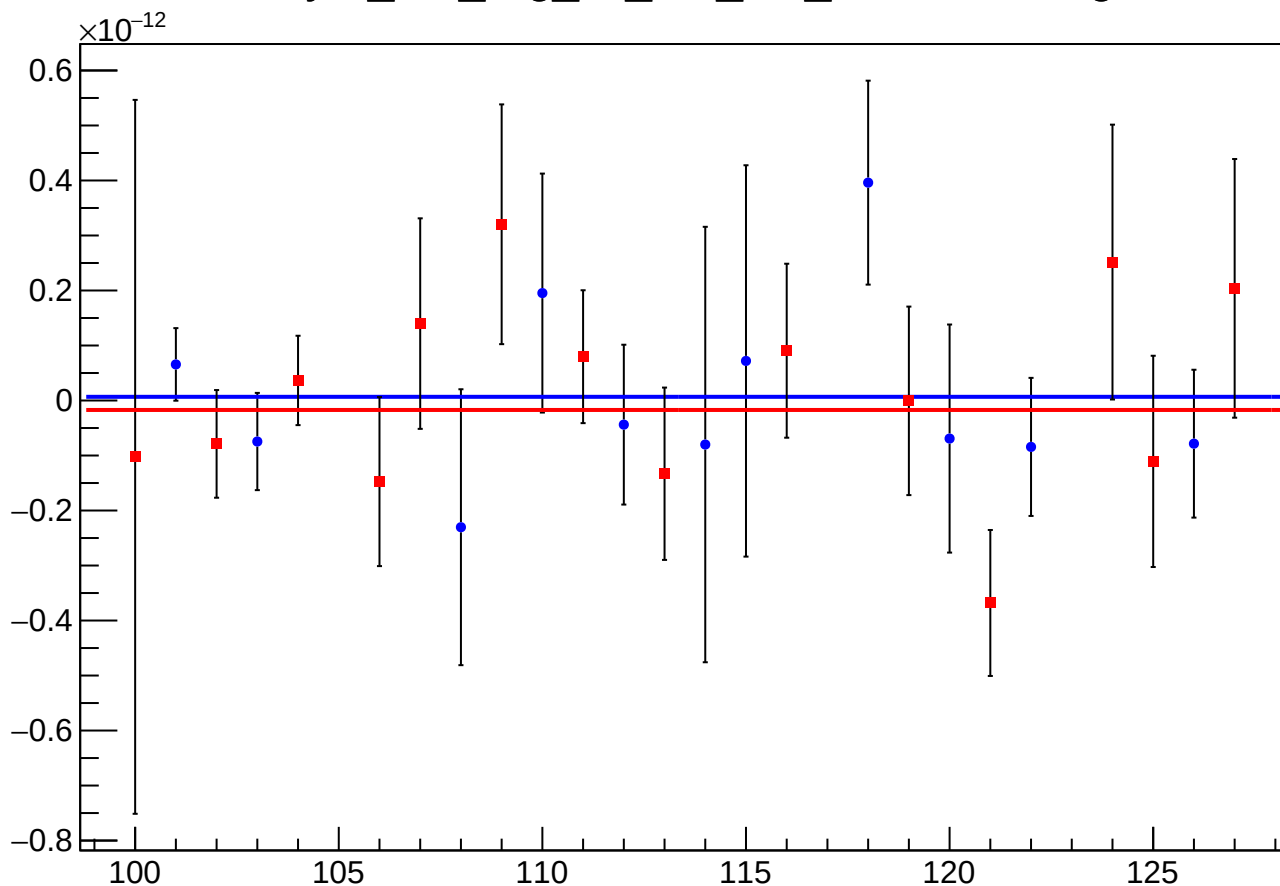
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1994.433+/-0.450 χ^2/NDF : 295662.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 9.0/10

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

Right Out: -0.000+/-0.000 χ^2/NDF : 15.6/13

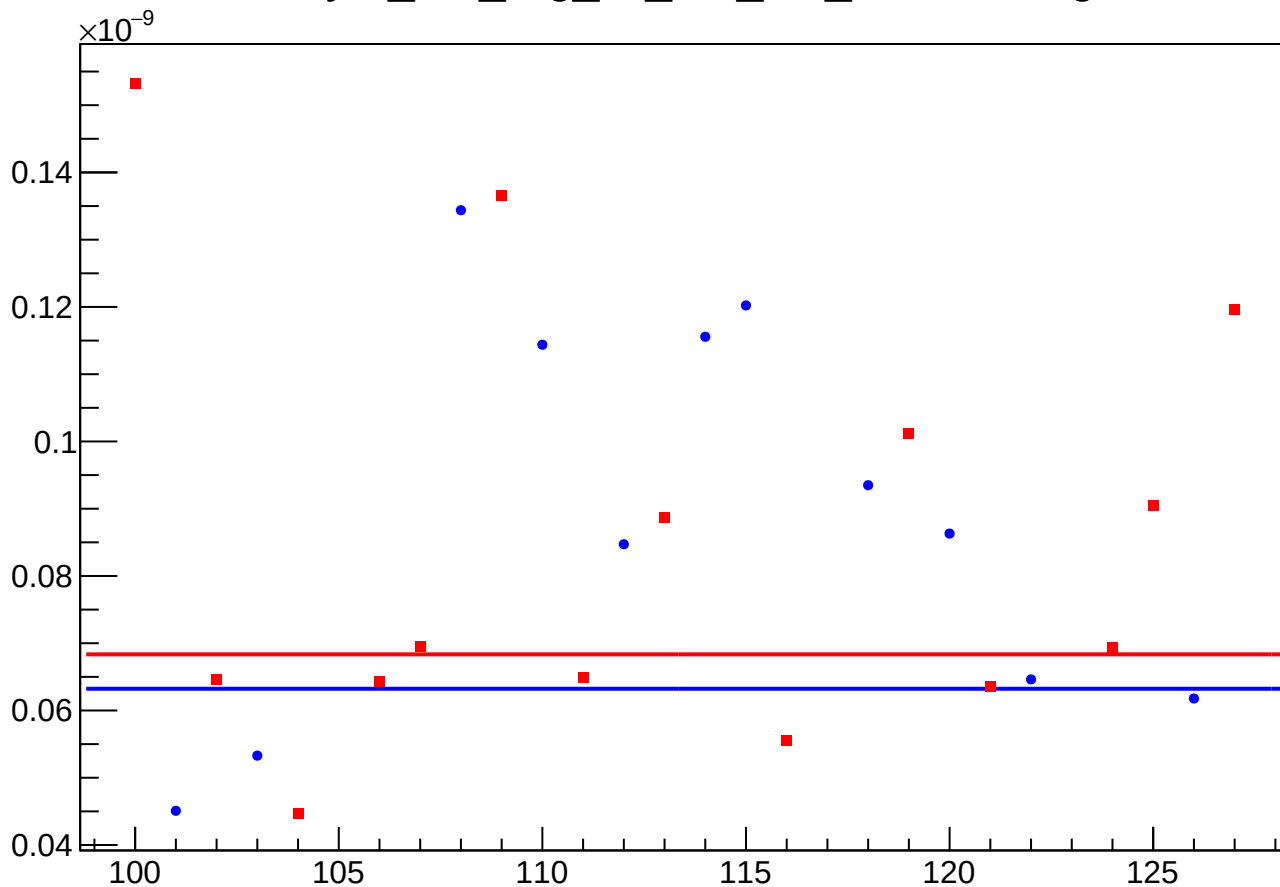
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.7/24

- sign 0.000+/-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 : 657121.0/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 649956.4/13

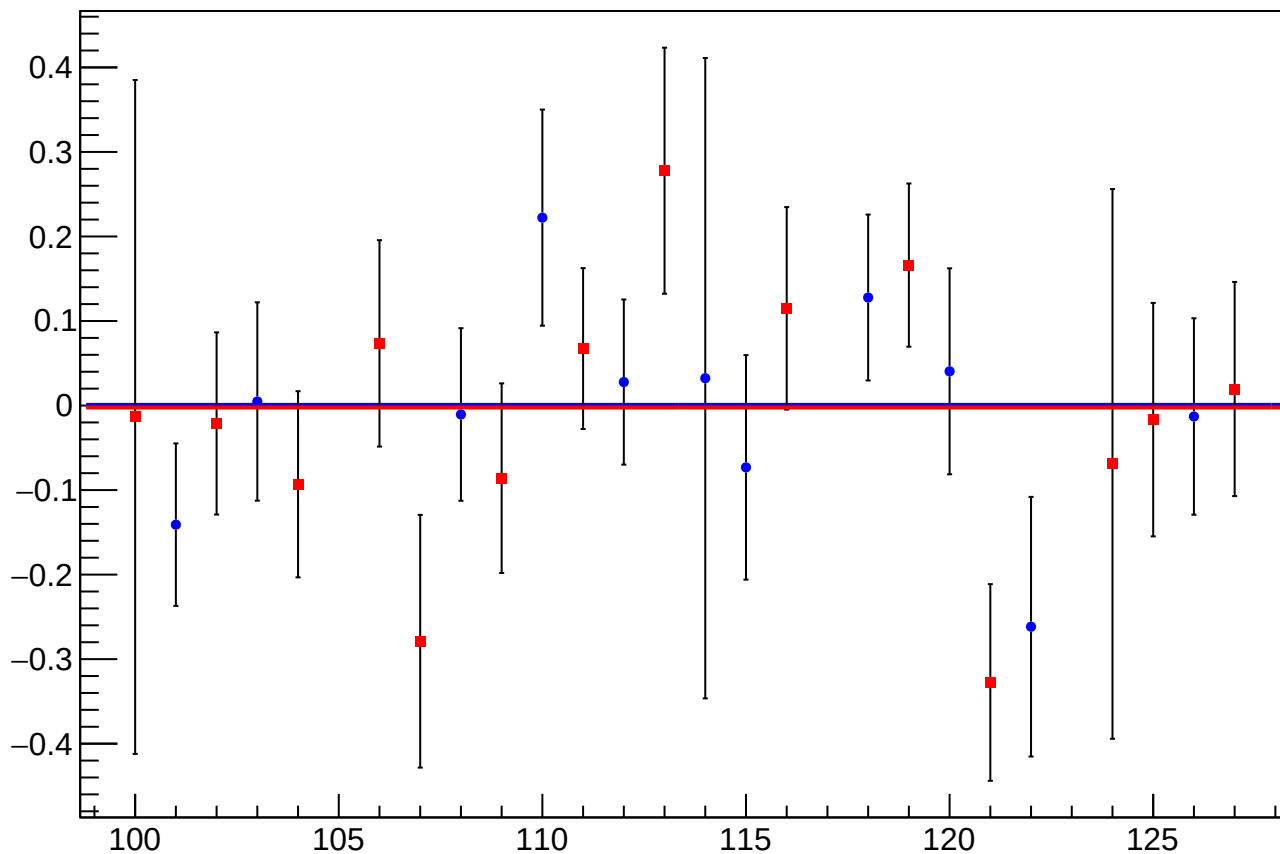
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1323794.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_dit_vs_cor_diff_mean vs Slug



Right In: 0.001 $\pm$ 0.035 χ^2 /NDF: 10.3/10

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

Right Out: -0.002 $\pm$ 0.033 χ^2 /NDF: 21.2/13

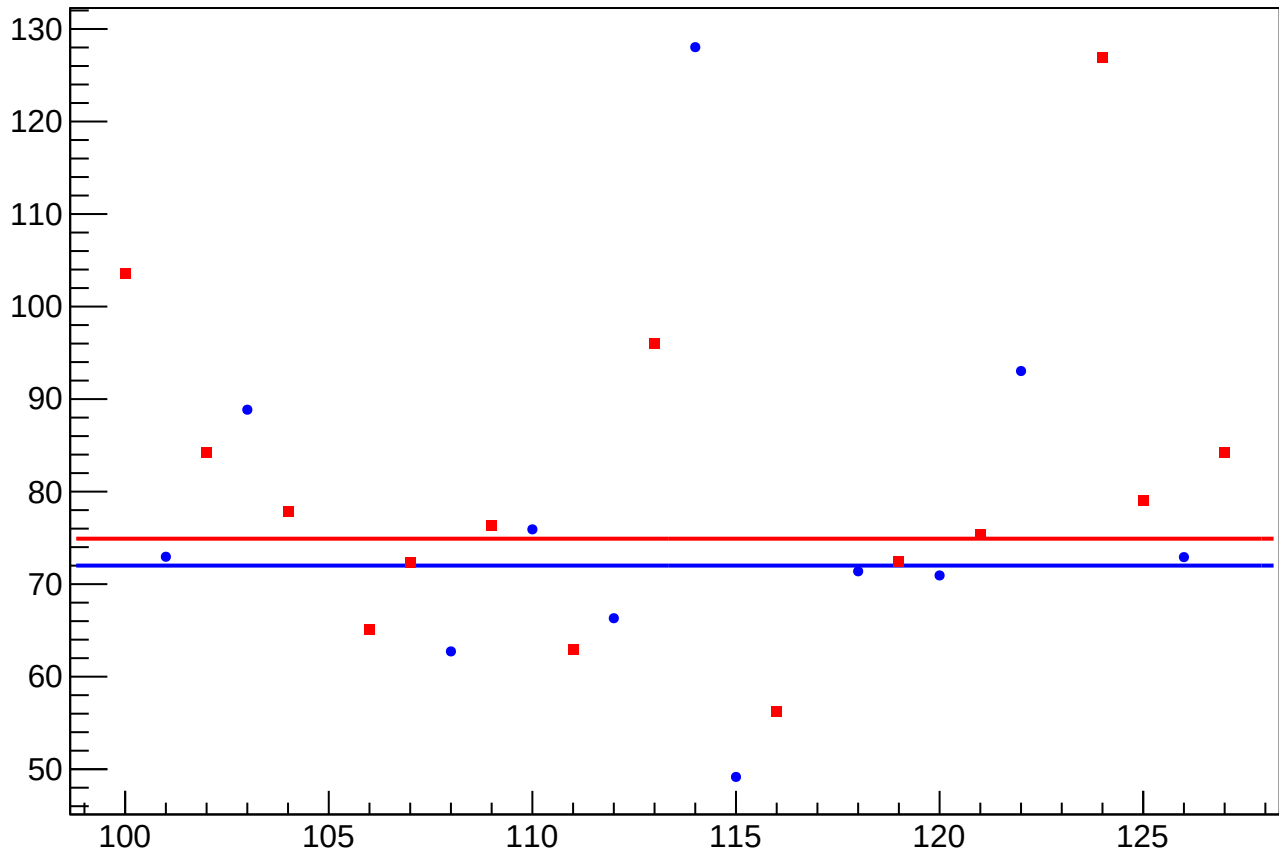
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.001 $\pm$ 0.024 χ^2 /NDF: 31.5/24

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

asym_usr_dit_vs_cor_diff_rms vs Slug



Right In: 72.006 $\pm$ 0.025 χ^2 /NDF: 207400.0/10

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

Right Out: 74.913 $\pm$ 0.024 χ^2 /NDF: 228084.4/13

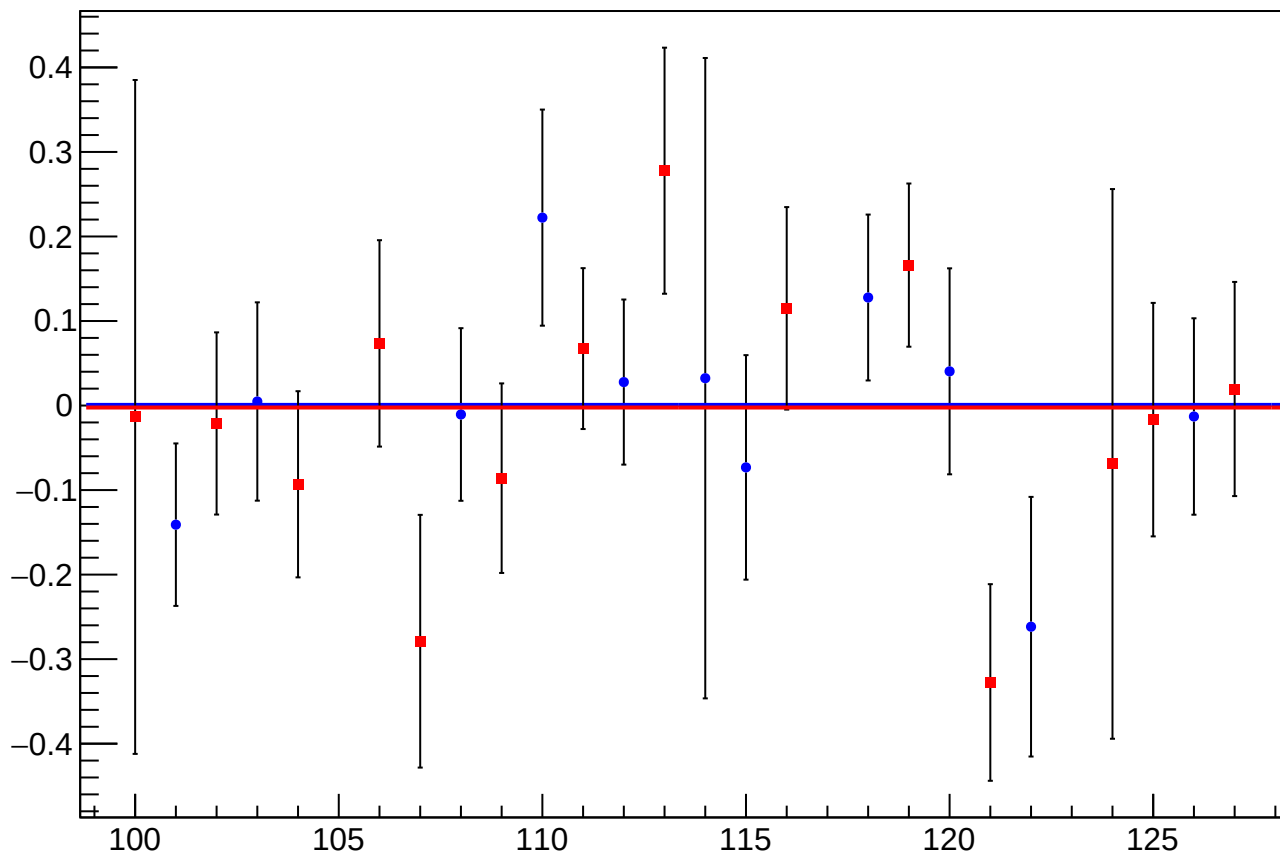
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 73.549 $\pm$ 0.017 χ^2 /NDF: 442616.9/24

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

asym_usr_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.001 $\pm$ 0.035 χ^2 /NDF: 10.3/10

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

Right Out: -0.002 $\pm$ 0.033 χ^2 /NDF: 21.2/13

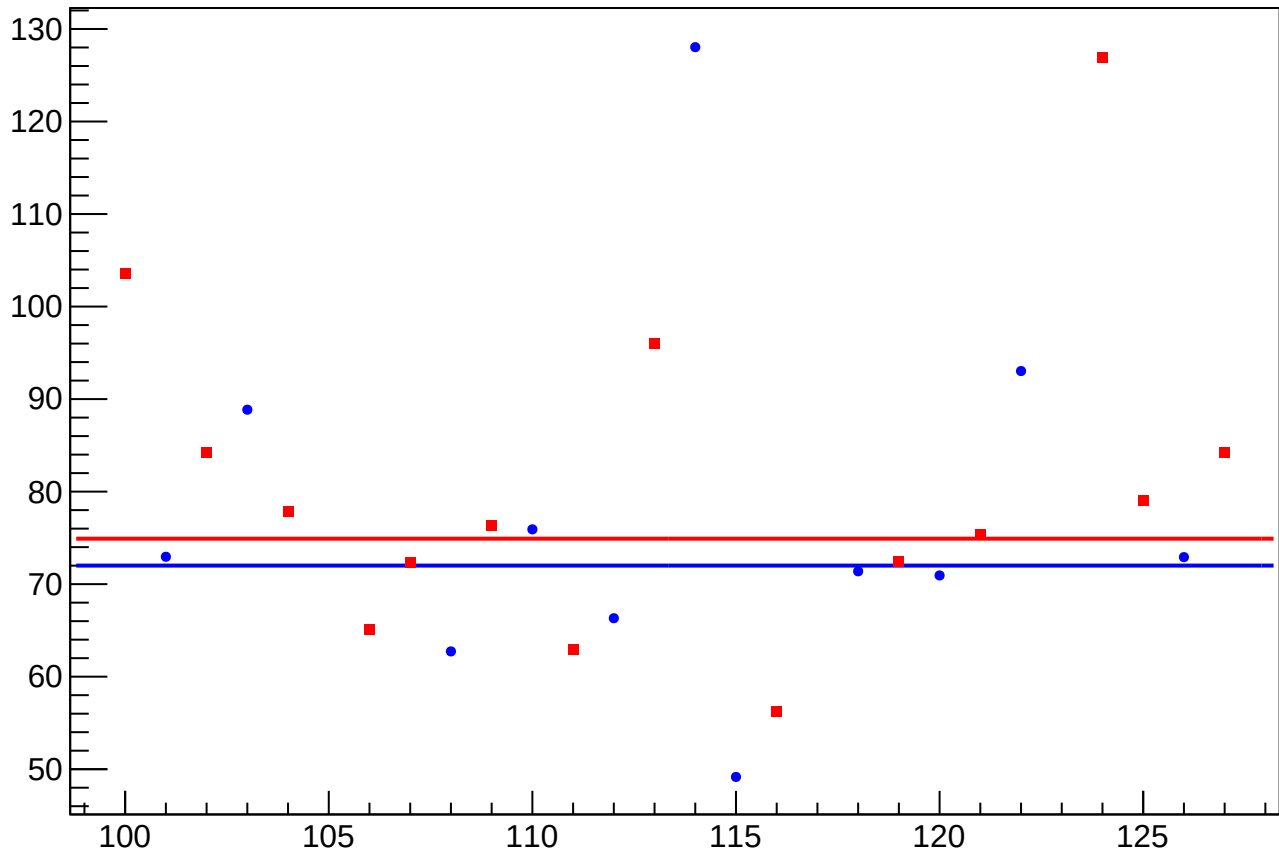
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.001 $\pm$ 0.024 χ^2 /NDF: 31.5/24

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

asym_usr_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 72.006 $\pm$ 0.025 χ^2 /NDF: 207400.0/10

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

Right Out: 74.913 $\pm$ 0.024 χ^2 /NDF: 228084.4/13

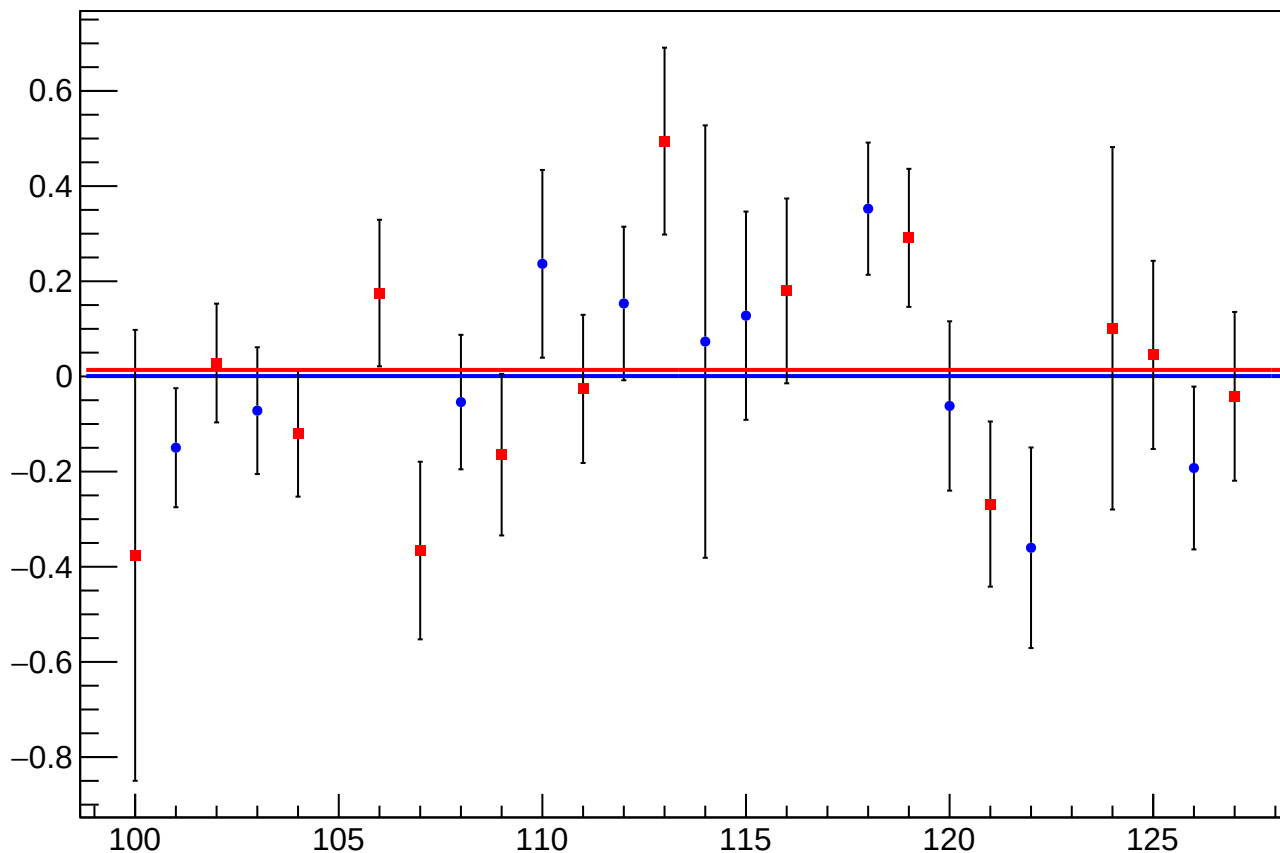
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 73.549 $\pm$ 0.017 χ^2 /NDF: 442616.9/24

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

asym_usr_dit_vs_overload_cor_diff_mean vs Slug



Right In: 0.001 $\pm$ 0.050 χ^2 /NDF: 15.3/10

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

Right Out: 0.014 $\pm$ 0.046 χ^2 /NDF: 21.3/13

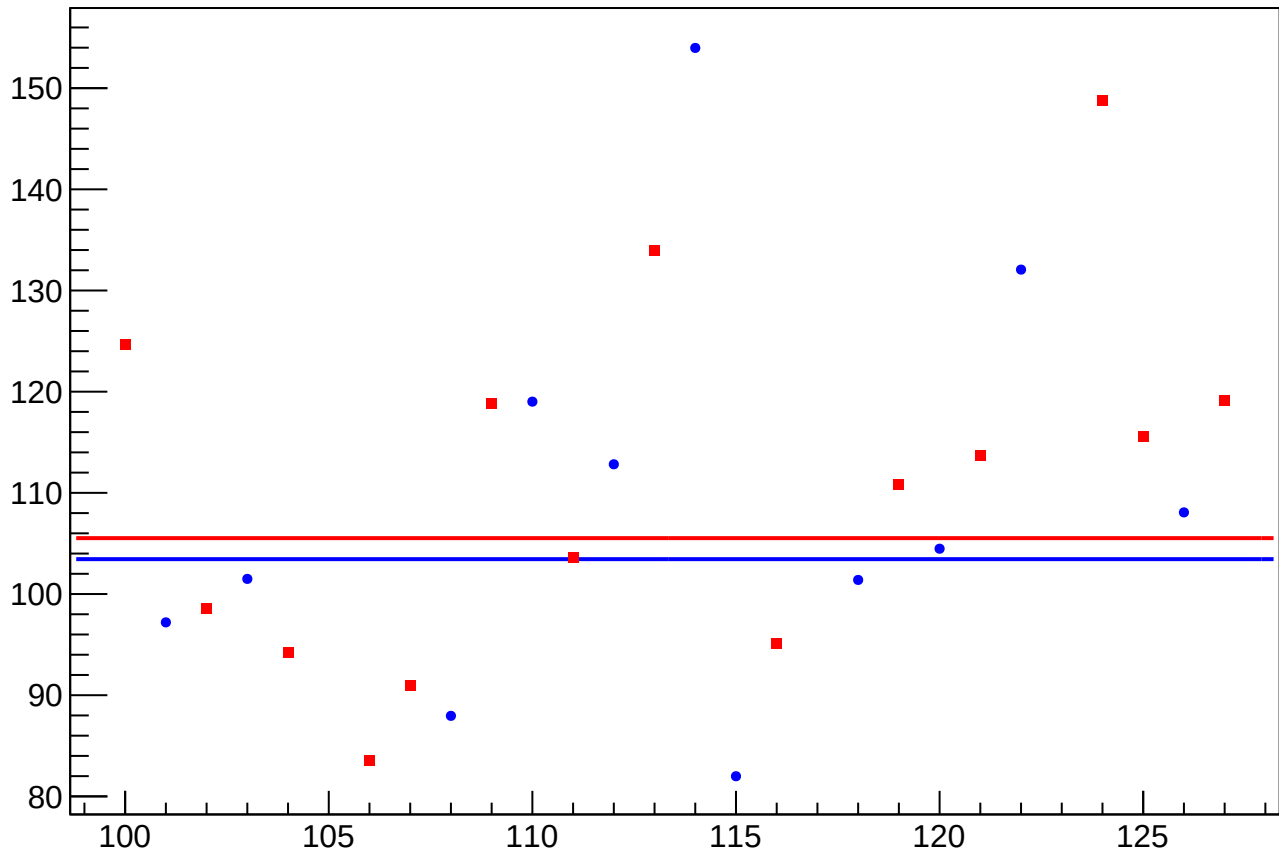
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.008 $\pm$ 0.034 χ^2 /NDF: 36.7/24

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

asym_usr_dit_vs_overload_cor_diff_rms vs Slug



Right In: 103.448+/-0.035 χ^2/NDF : 131415.0/10

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

Right Out: 105.524+/-0.033 χ^2/NDF : 187446.9/13

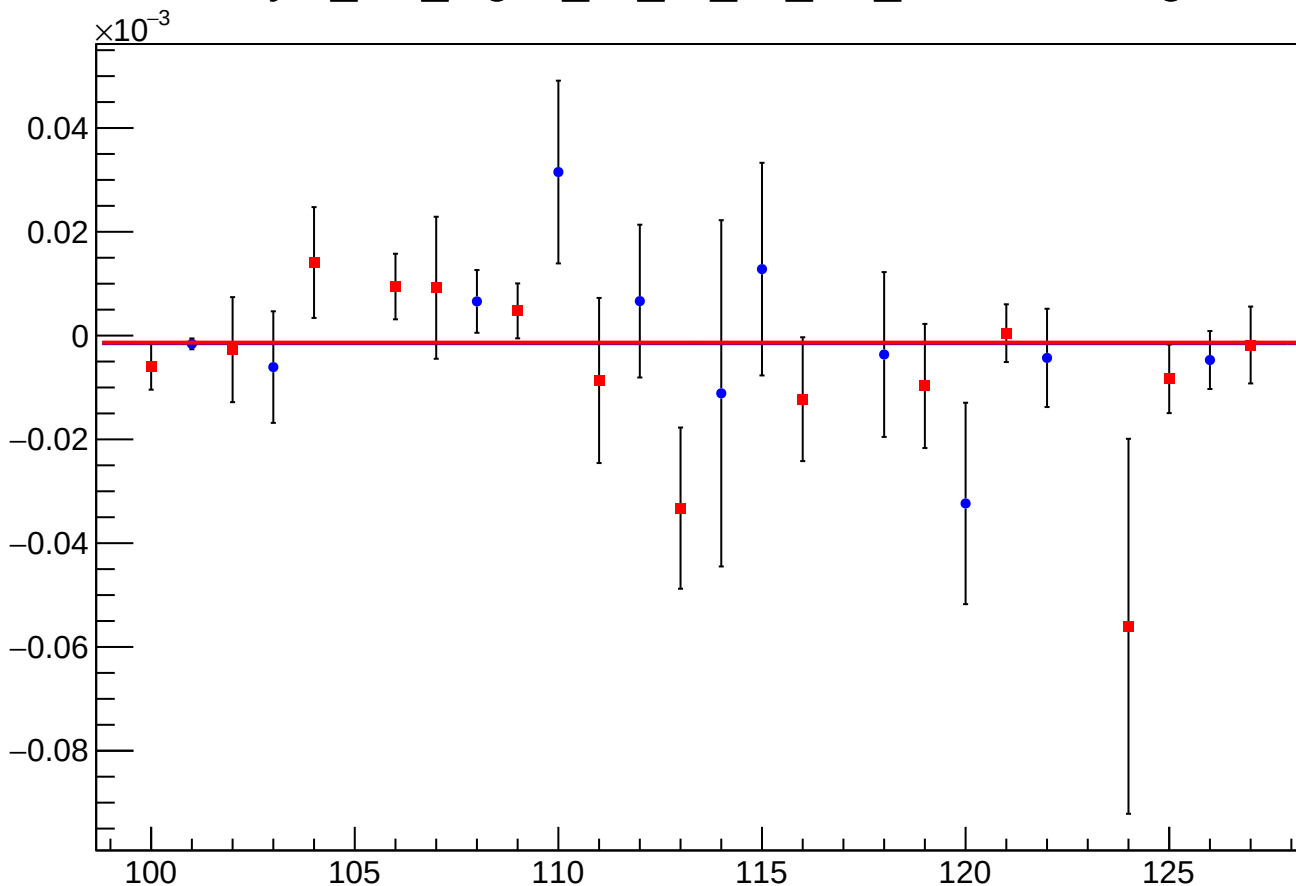
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.569+/-0.024 χ^2/NDF : 320725.2/24

- 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: 9.3/10

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 17.2/13

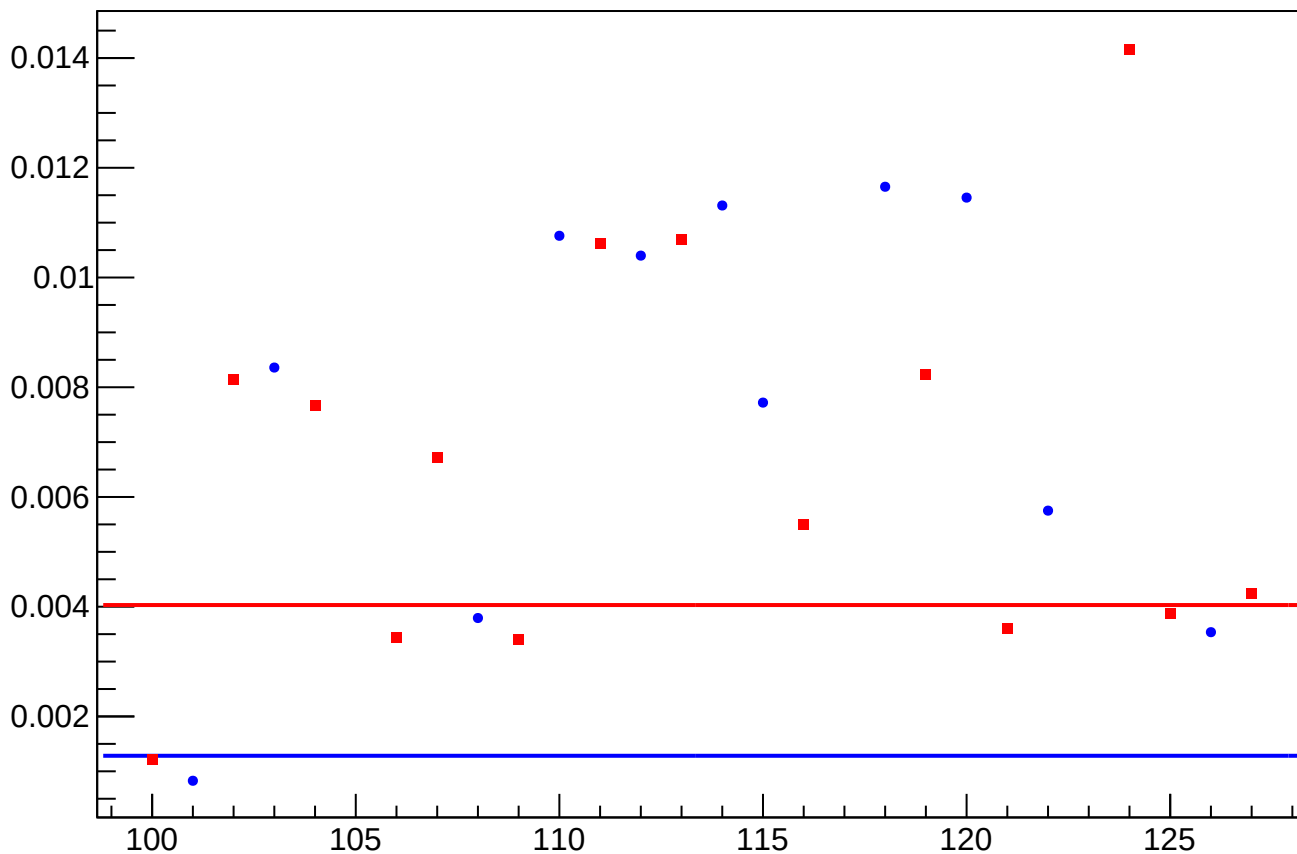
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 26.6/24

- 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 : 5489338.5/10

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

Right Out: 0.004+/-0.000 χ^2/NDF : 2616269.6/13

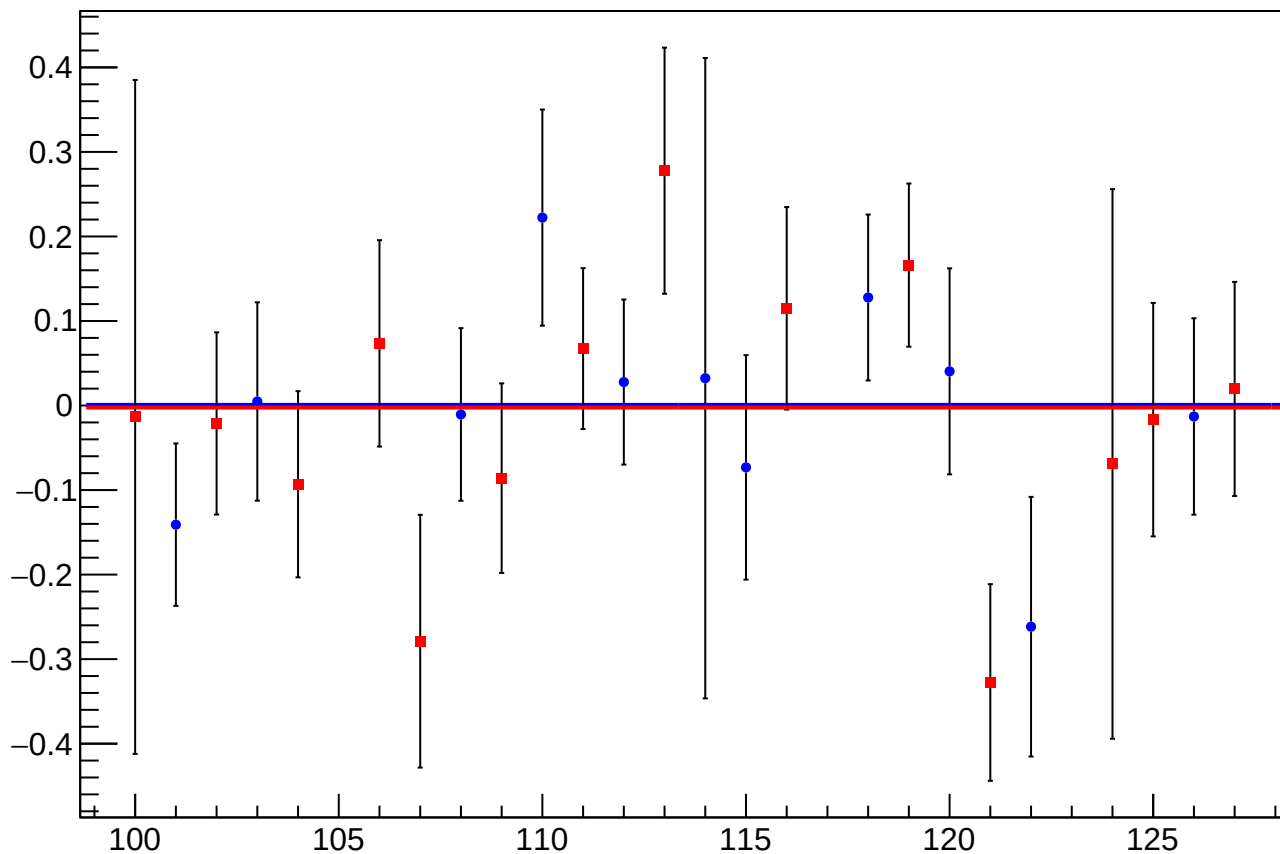
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 10930494.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.001 $\pm$ 0.035 χ^2 /NDF: 10.3/10

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

Right Out: -0.002 $\pm$ 0.033 χ^2 /NDF: 21.2/13

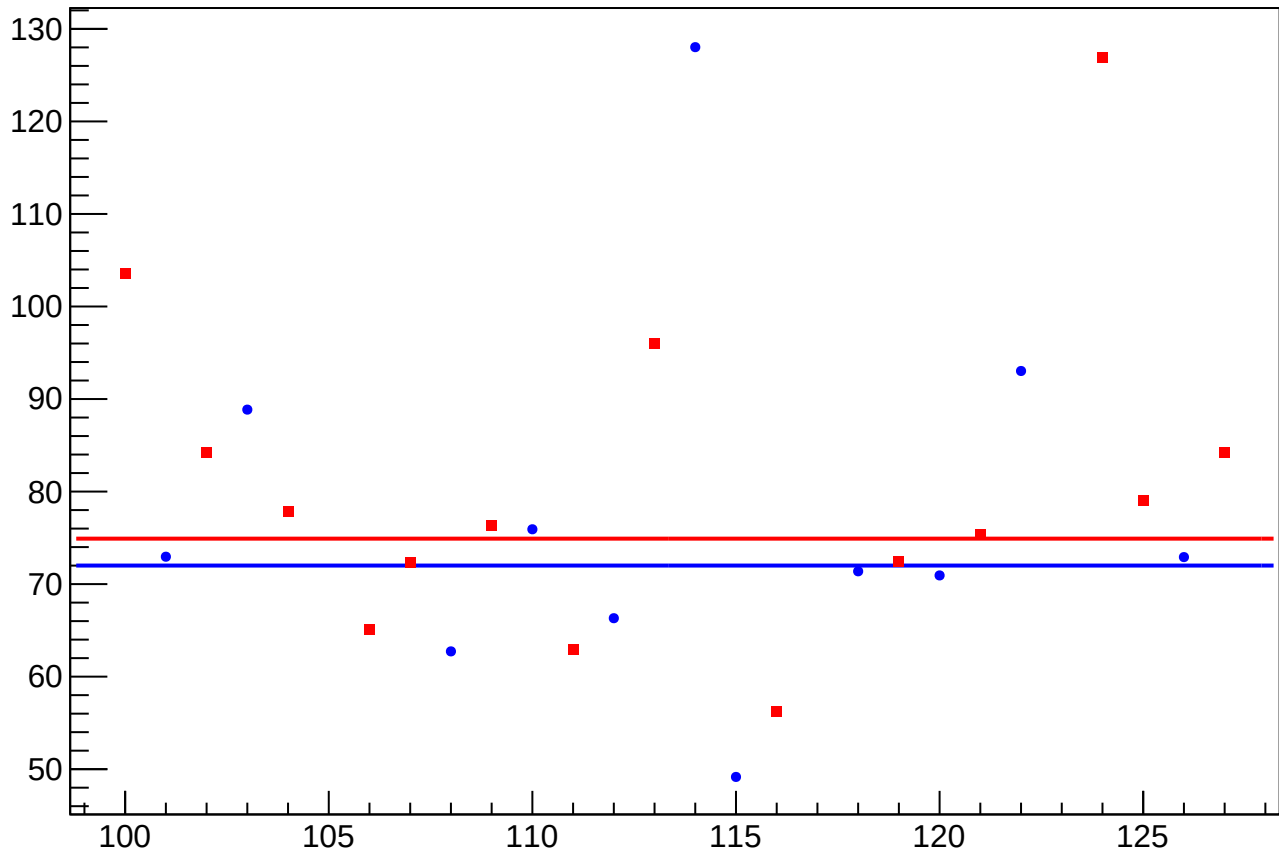
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.001 $\pm$ 0.024 χ^2 /NDF: 31.5/24

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

asym_usr_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 72.005 $\pm$ 0.025 χ^2 /NDF: 207422.8/10

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

Right Out: 74.913 $\pm$ 0.024 χ^2 /NDF: 228065.3/13

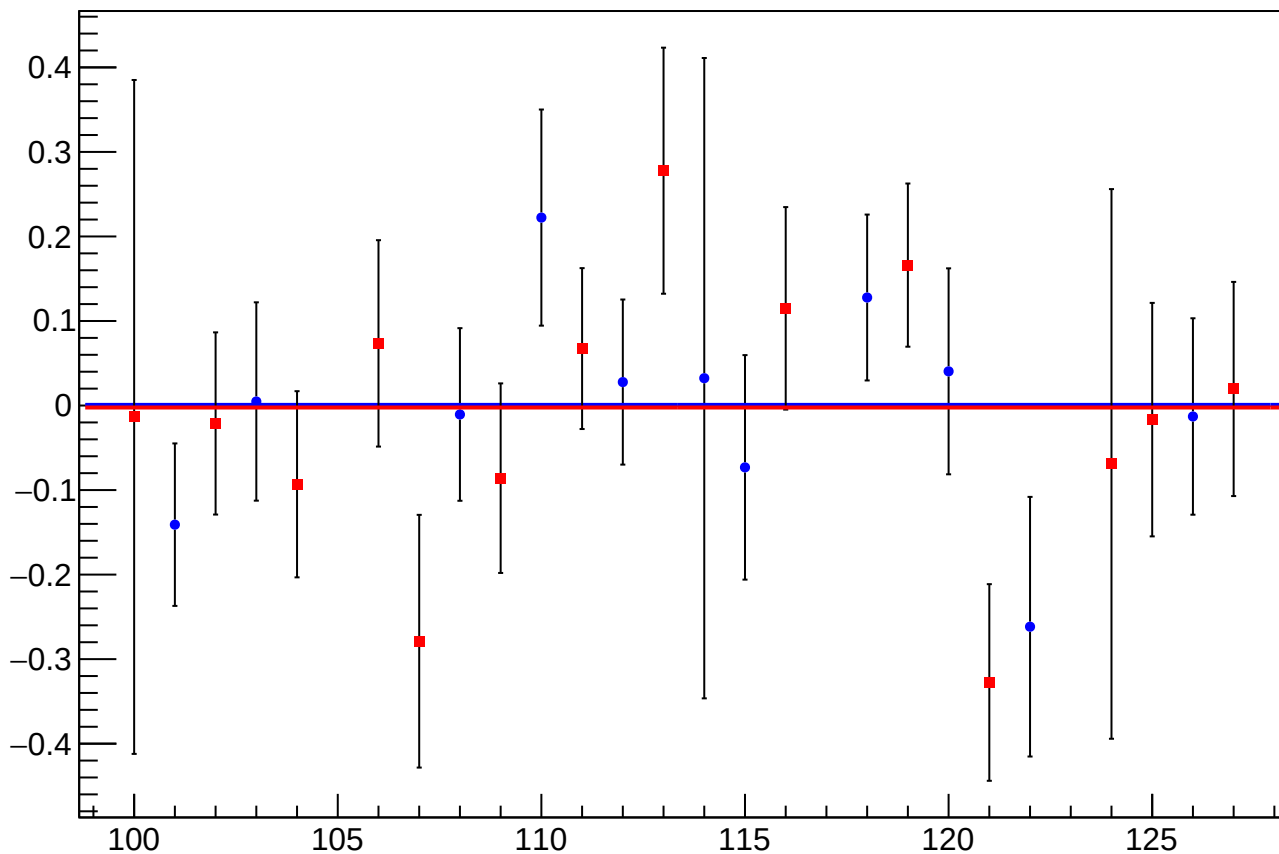
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 73.548 $\pm$ 0.017 χ^2 /NDF: 442621.0/24

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

asym_usr_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.001 $\pm$ 0.035 χ^2 /NDF: 10.3/10

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

Right Out: -0.002 $\pm$ 0.033 χ^2 /NDF: 21.2/13

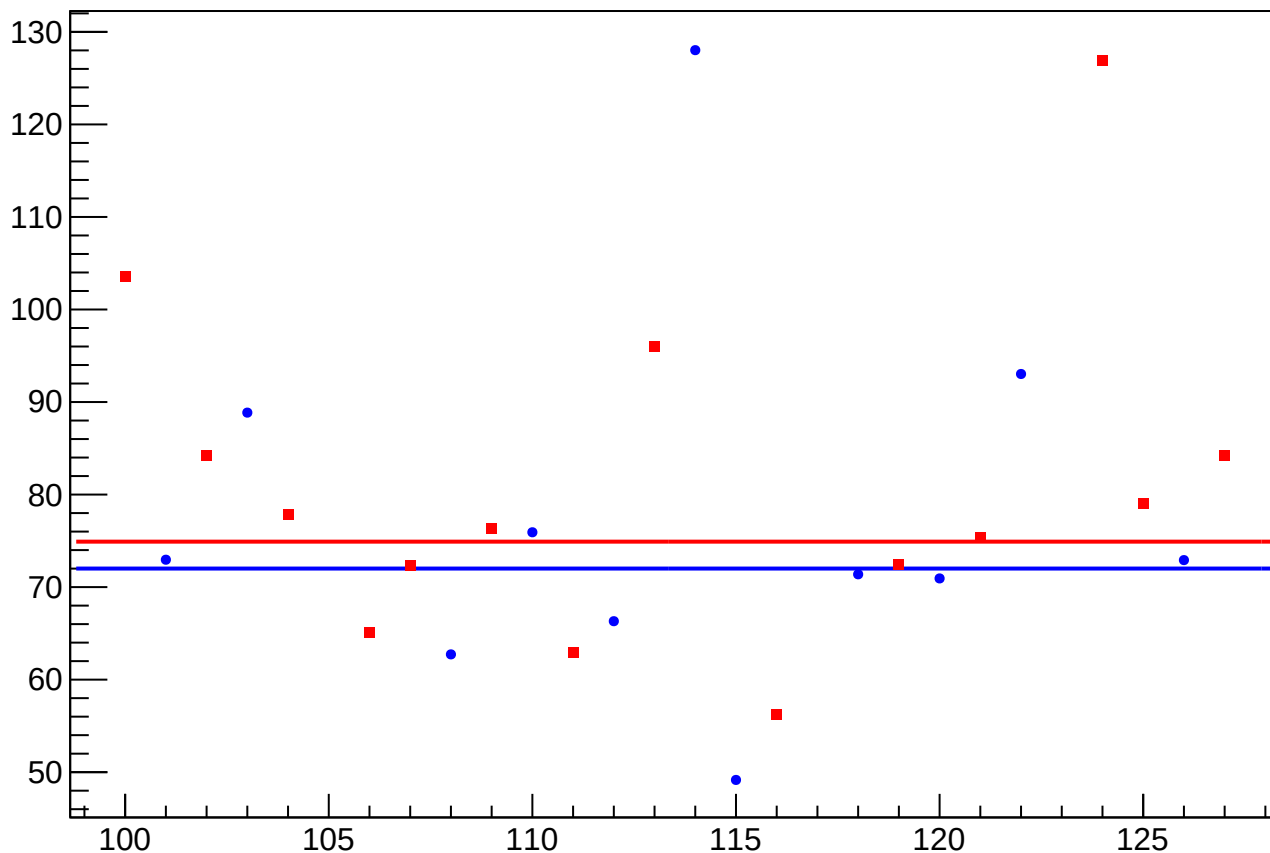
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.001 $\pm$ 0.024 χ^2 /NDF: 31.5/24

- 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: 72.005 $\pm$ 0.025 χ^2 /NDF: 207422.8/10

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

Right Out: 74.913 $\pm$ 0.024 χ^2 /NDF: 228065.3/13

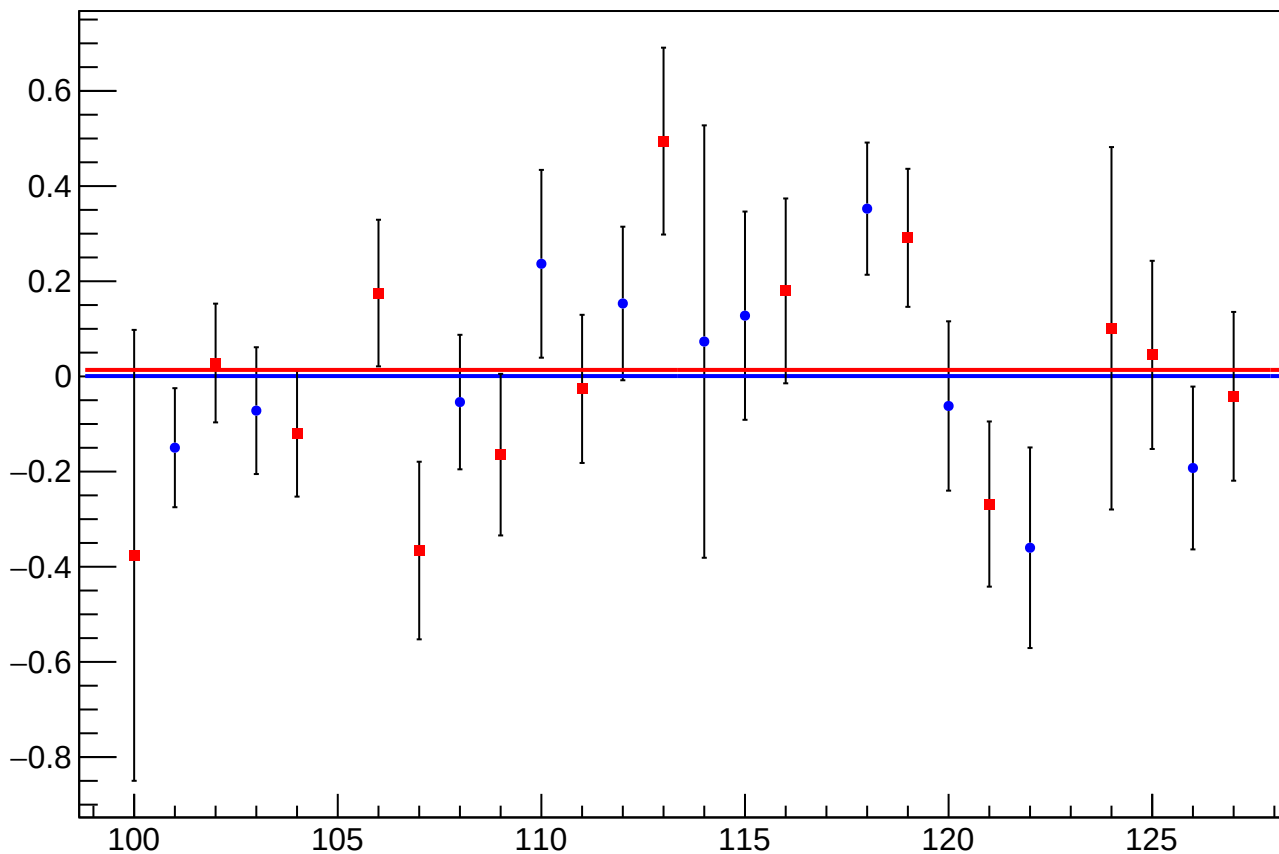
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 73.548 $\pm$ 0.017 χ^2 /NDF: 442621.0/24

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

asym_usr_eigen_dit_vs_overload_cor_diff_mean vs Slug



Right In: 0.001+/-0.050 χ^2/NDF : 15.3/10

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

Right Out: 0.014+/-0.046 χ^2/NDF : 21.3/13

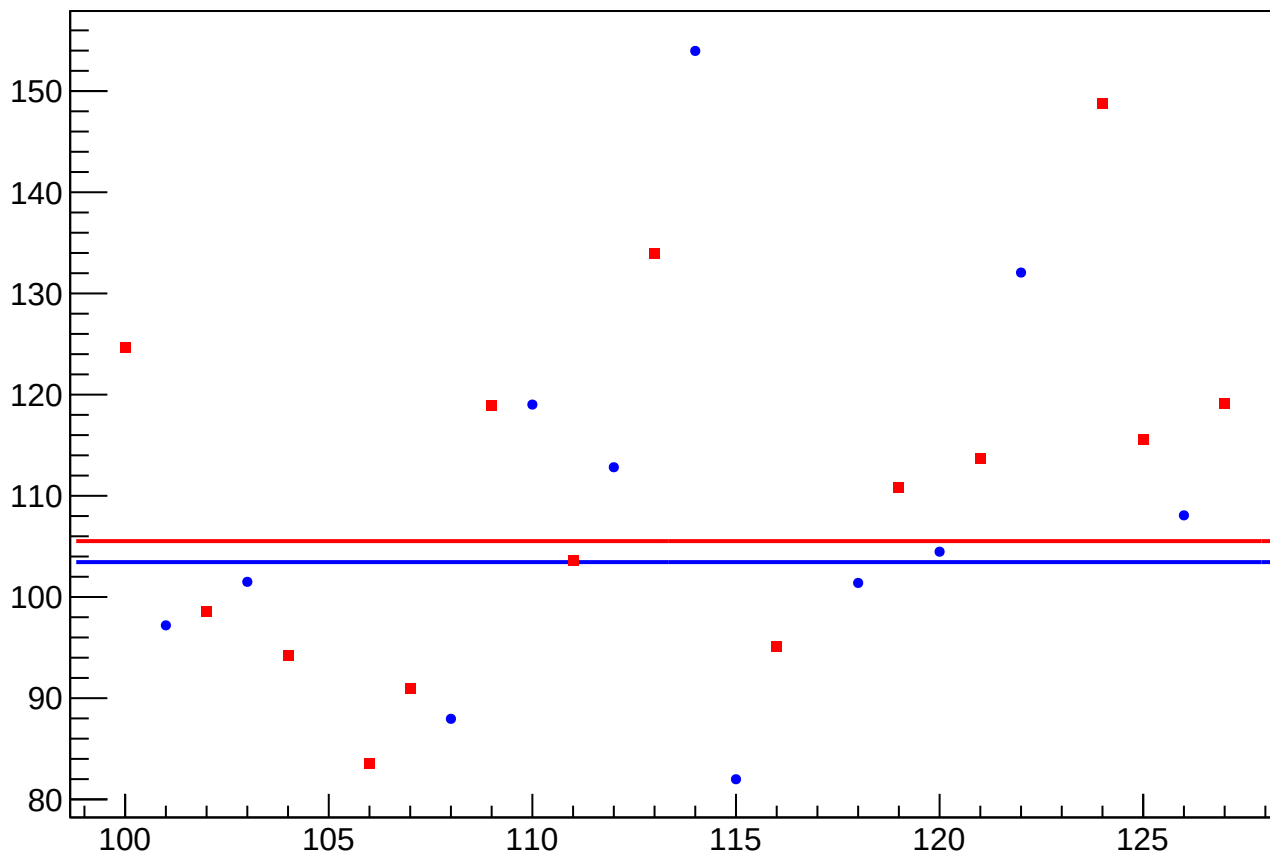
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.034 χ^2/NDF : 36.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_dit_vs_overload_cor_diff_rms vs Slug



Right In: 103.448+/-0.035 χ^2/NDF : 131410.8/10

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

Right Out: 105.524+/-0.033 χ^2/NDF : 187417.8/13

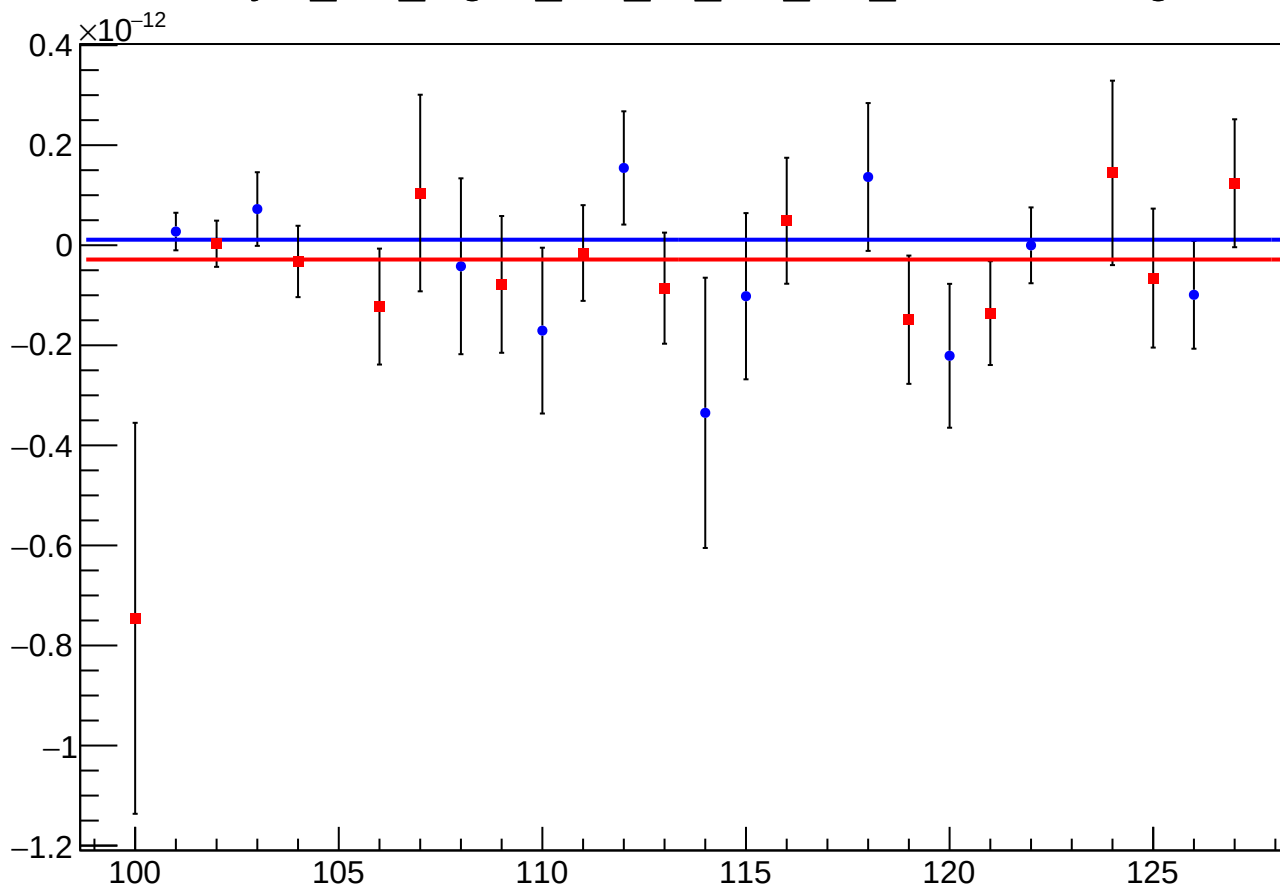
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.569+/-0.024 χ^2/NDF : 320691.6/24

- 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: 10.3/10

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.1/13

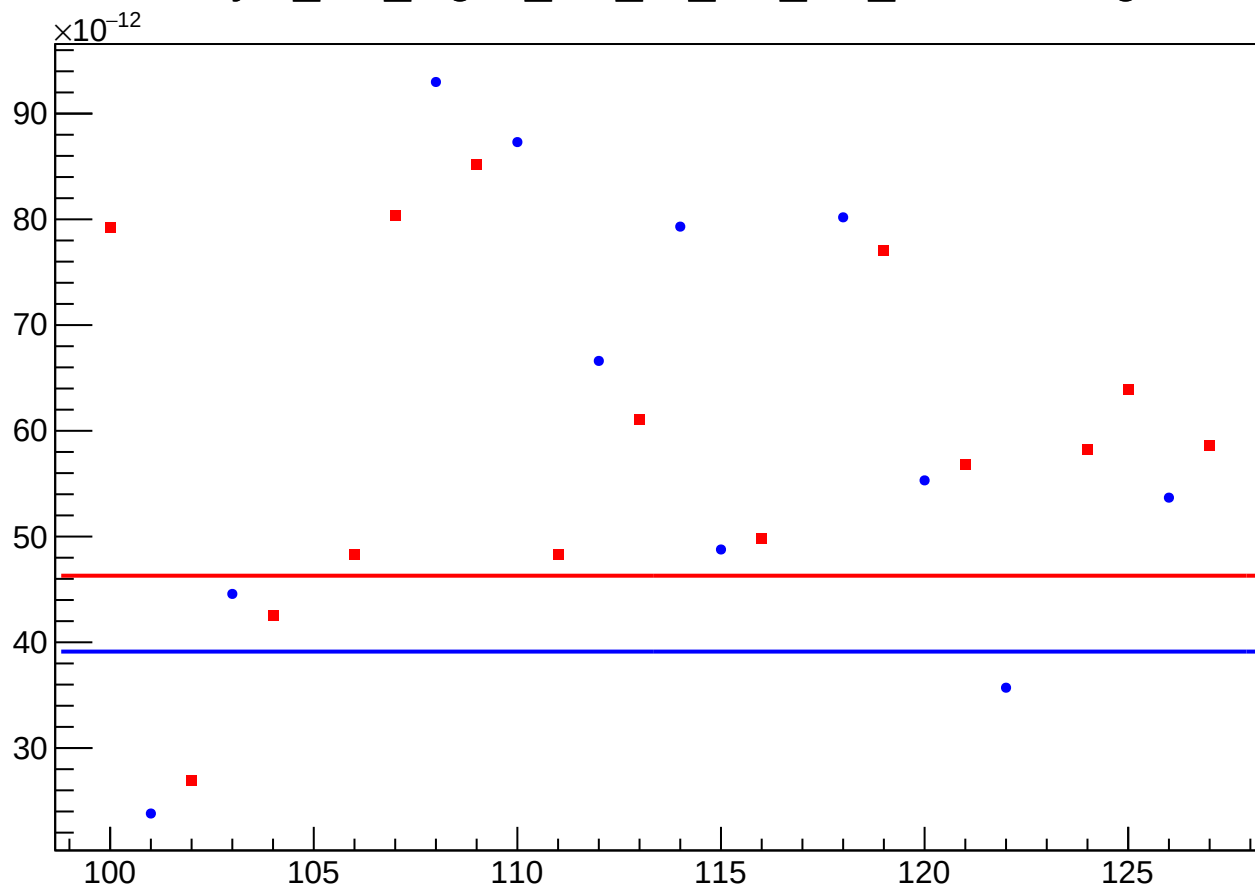
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 21.5/24

- 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 $\pm$ 0.000 χ^2 /NDF: 1090564.4/10

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 825999.6/13

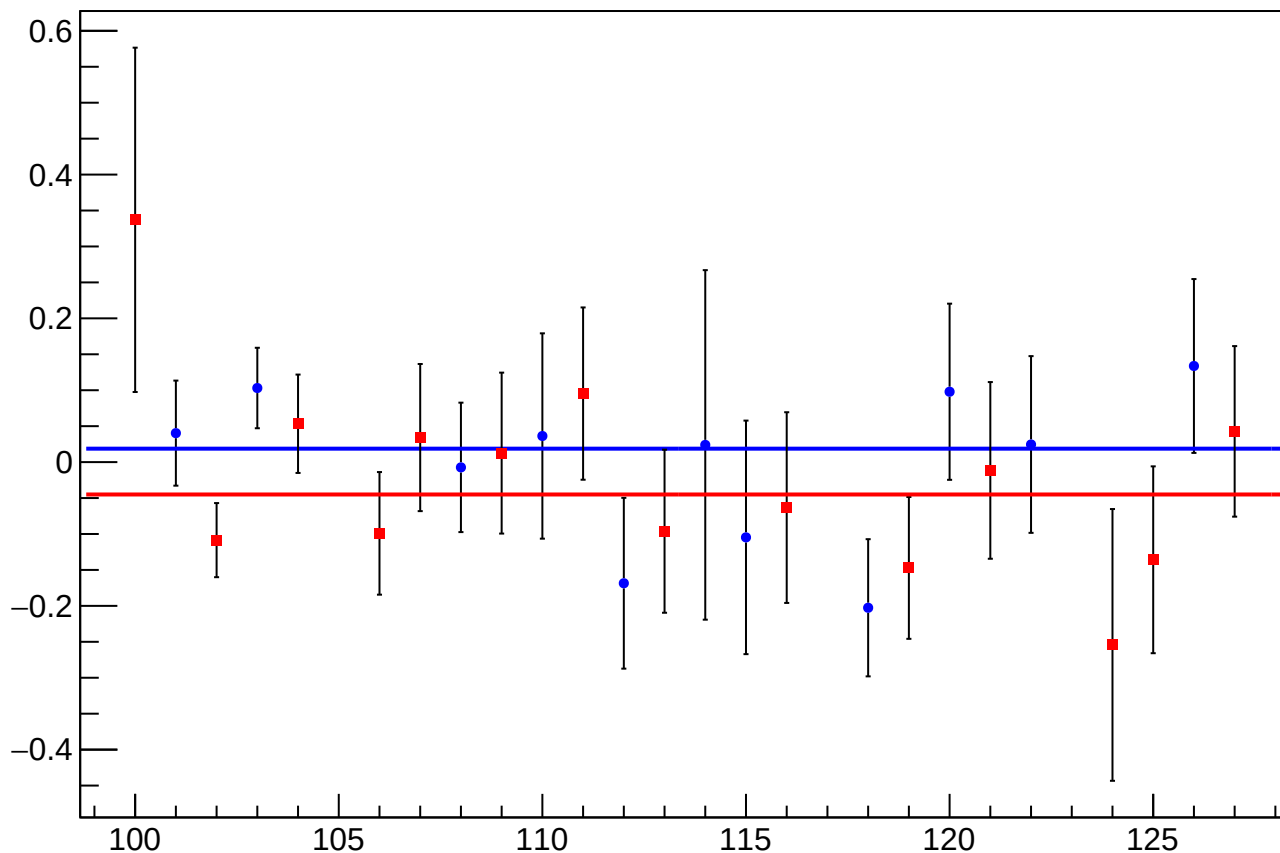
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1989193.6/24

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

asym_usr_overload_cor_vs_cor_diff_mean vs Slug



Right In: 0.019 $\pm$ 0.030 χ^2 /NDF: 12.2/10

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

Right Out: -0.045 $\pm$ 0.026 χ^2 /NDF: 12.4/13

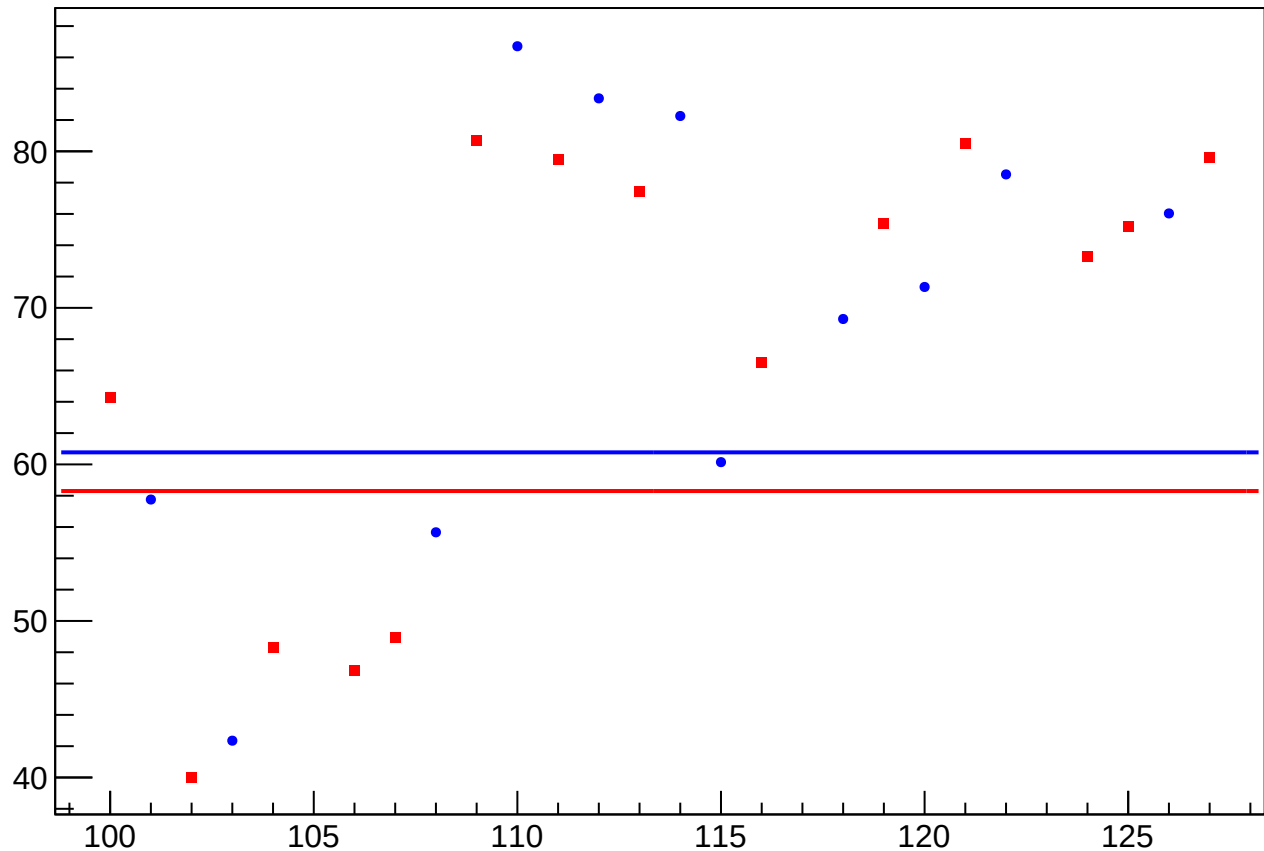
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.017 $\pm$ 0.020 χ^2 /NDF: 27.2/24

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

asym_usr_overload_cor_vs_cor_diff_rms vs Slug



Right In: 60.769+/-0.021 χ^2 /NDF: 484835.9/10

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

Right Out: 58.301+/-0.019 χ^2 /NDF: 791484.2/13

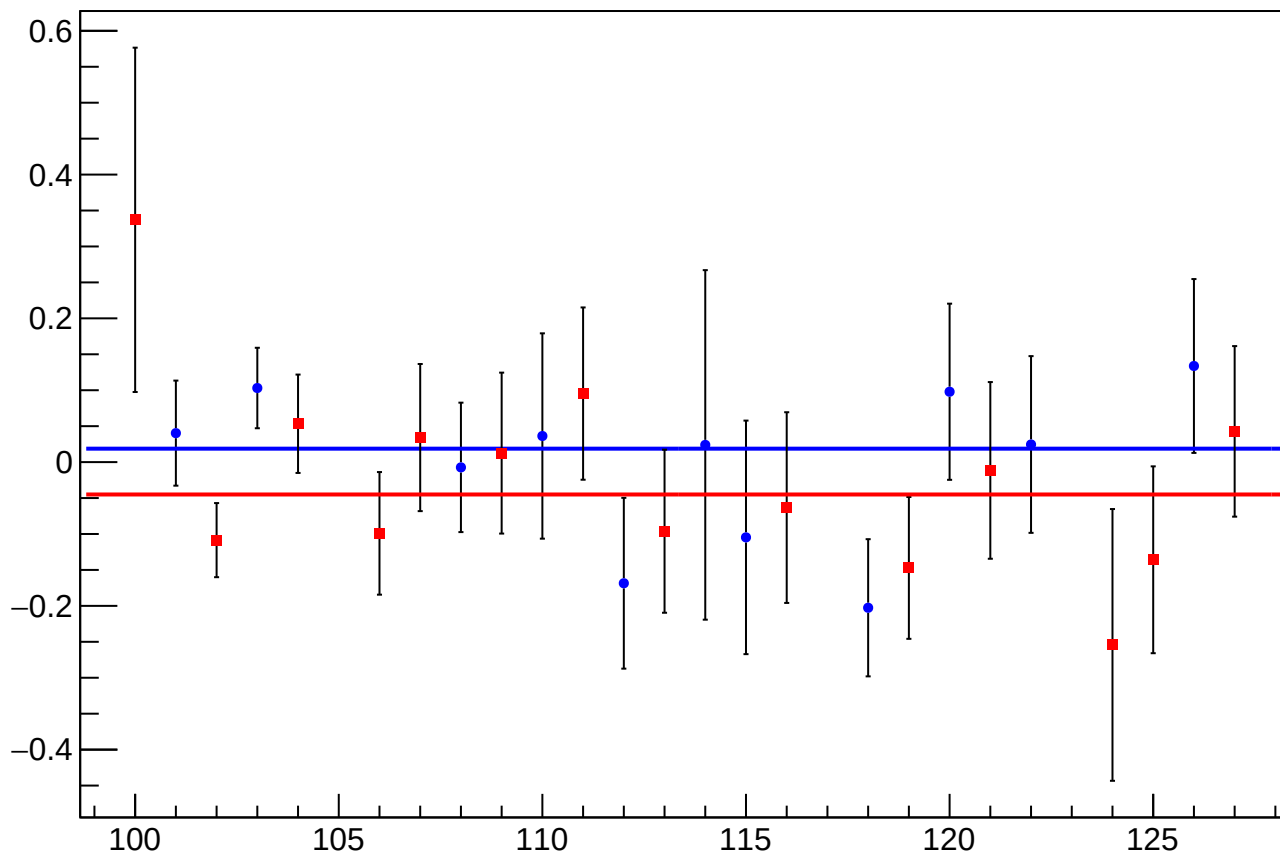
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 59.373+/-0.014 χ^2 /NDF: 1284005.0/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_overload_cor_vs_eigen_cor_diff_mean vs Slug



Right In: 0.019 $\pm$ 0.030 χ^2 /NDF: 12.2/10

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

Right Out: -0.045 $\pm$ 0.026 χ^2 /NDF: 12.4/13

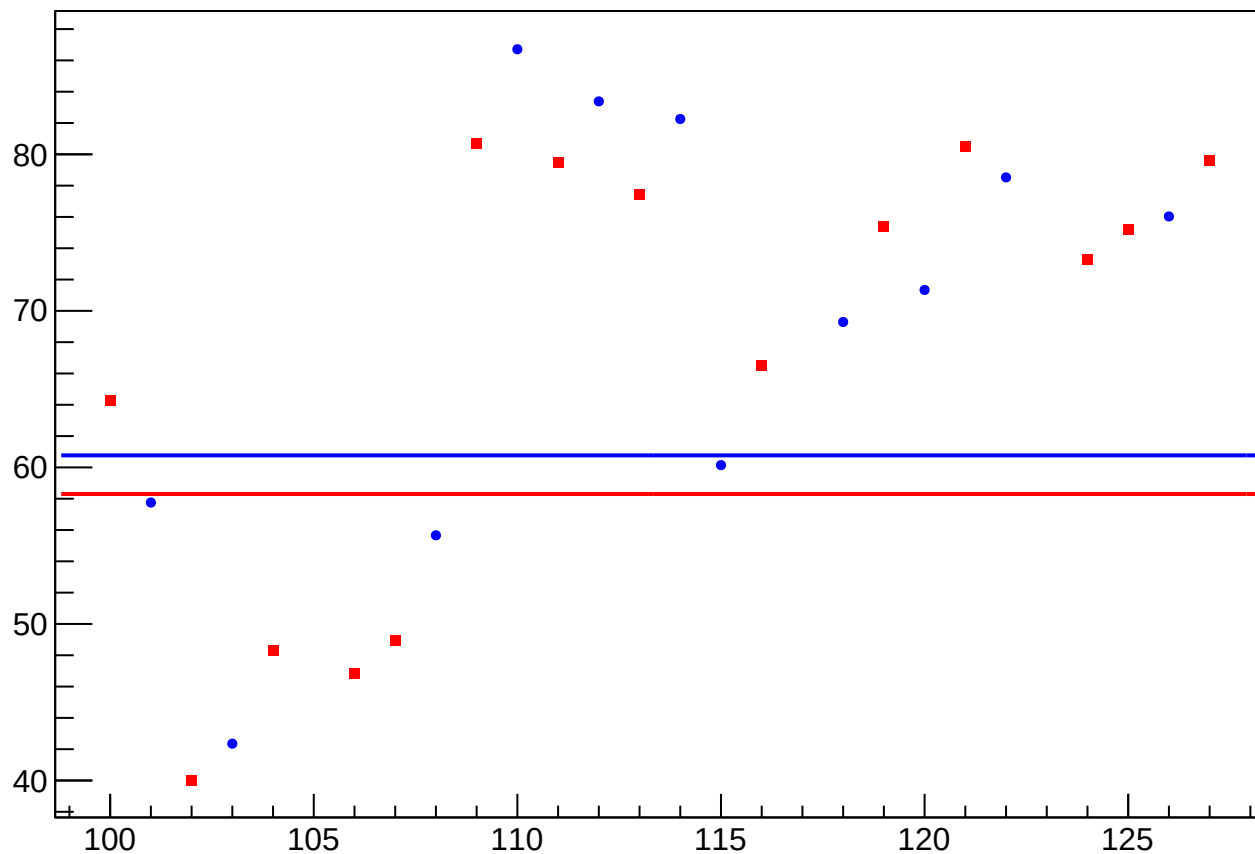
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.017 $\pm$ 0.020 χ^2 /NDF: 27.2/24

- 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: 60.769+/-0.021 χ^2 /NDF: 484835.9/10

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

Right Out: 58.301+/-0.019 χ^2 /NDF: 791484.2/13

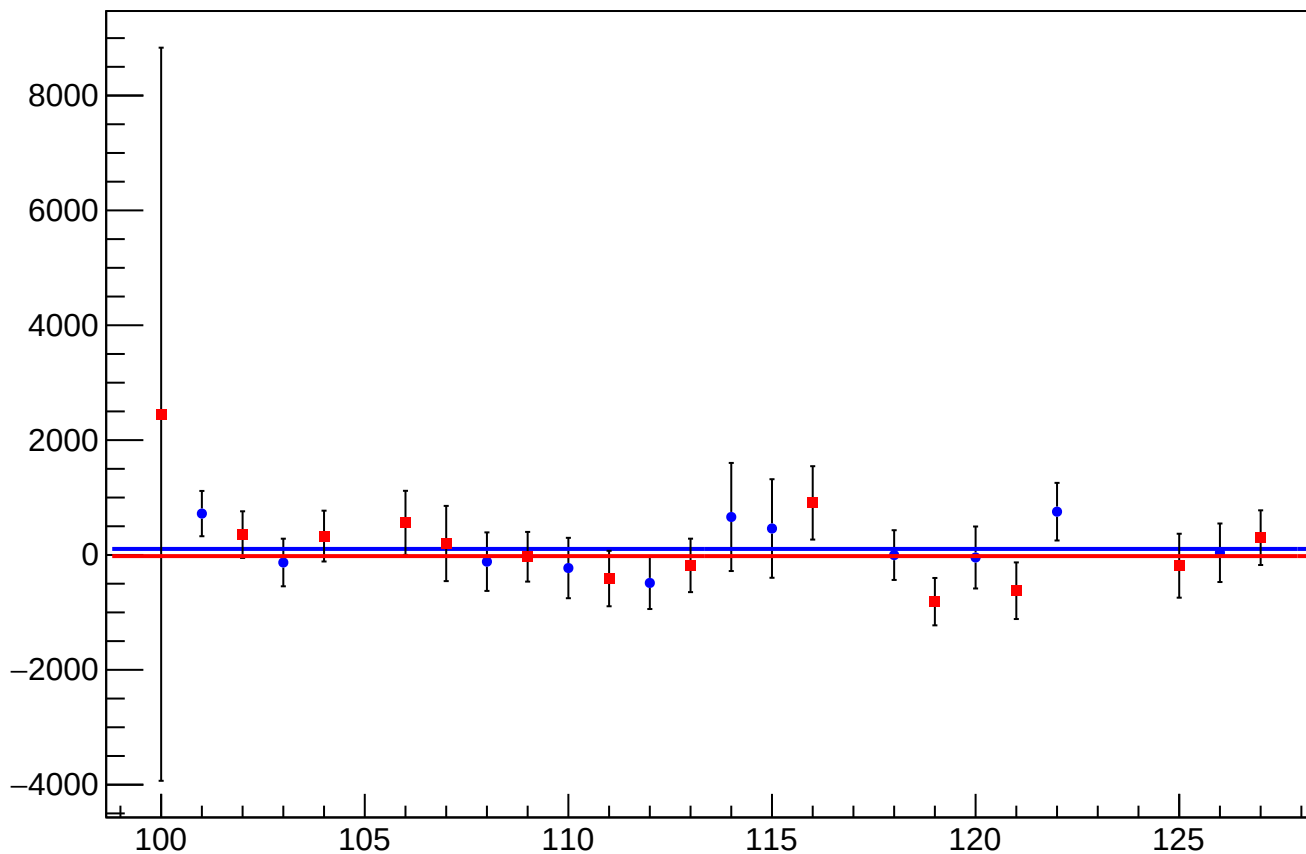
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 59.373+/-0.014 χ^2 /NDF: 1284005.0/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_dsl_mean vs Slug



Right In: 105.377+/-151.353 χ^2/NDF : 7.4/10

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

Right Out: -19.560+/-139.914 χ^2/NDF : 11.4/12

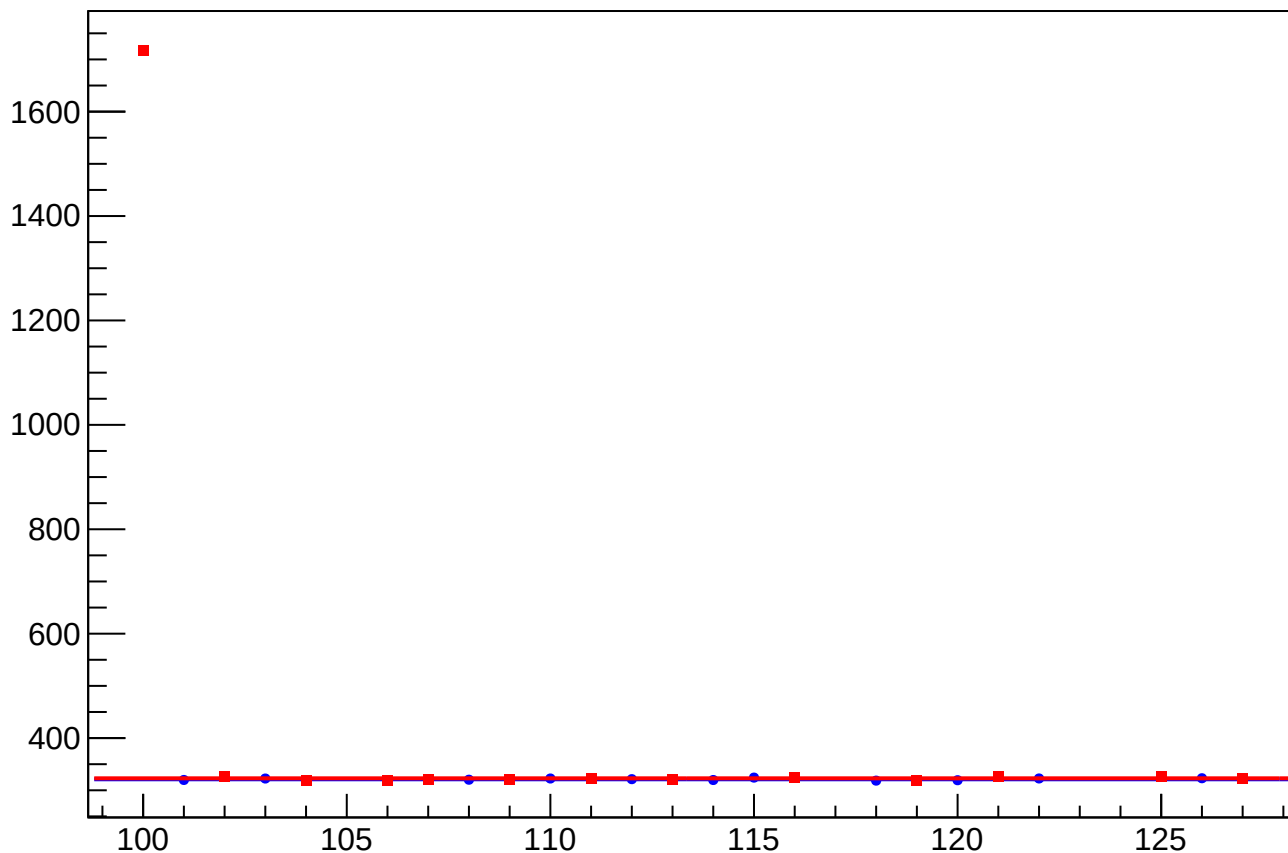
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.009+/-102.741 χ^2/NDF : 19.2/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_dsl_rms vs Slug



Right In: 321.093+/-0.107 χ^2/NDF : 242.7/10

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

Right Out: 322.930+/-0.099 χ^2/NDF : 96608.4/12

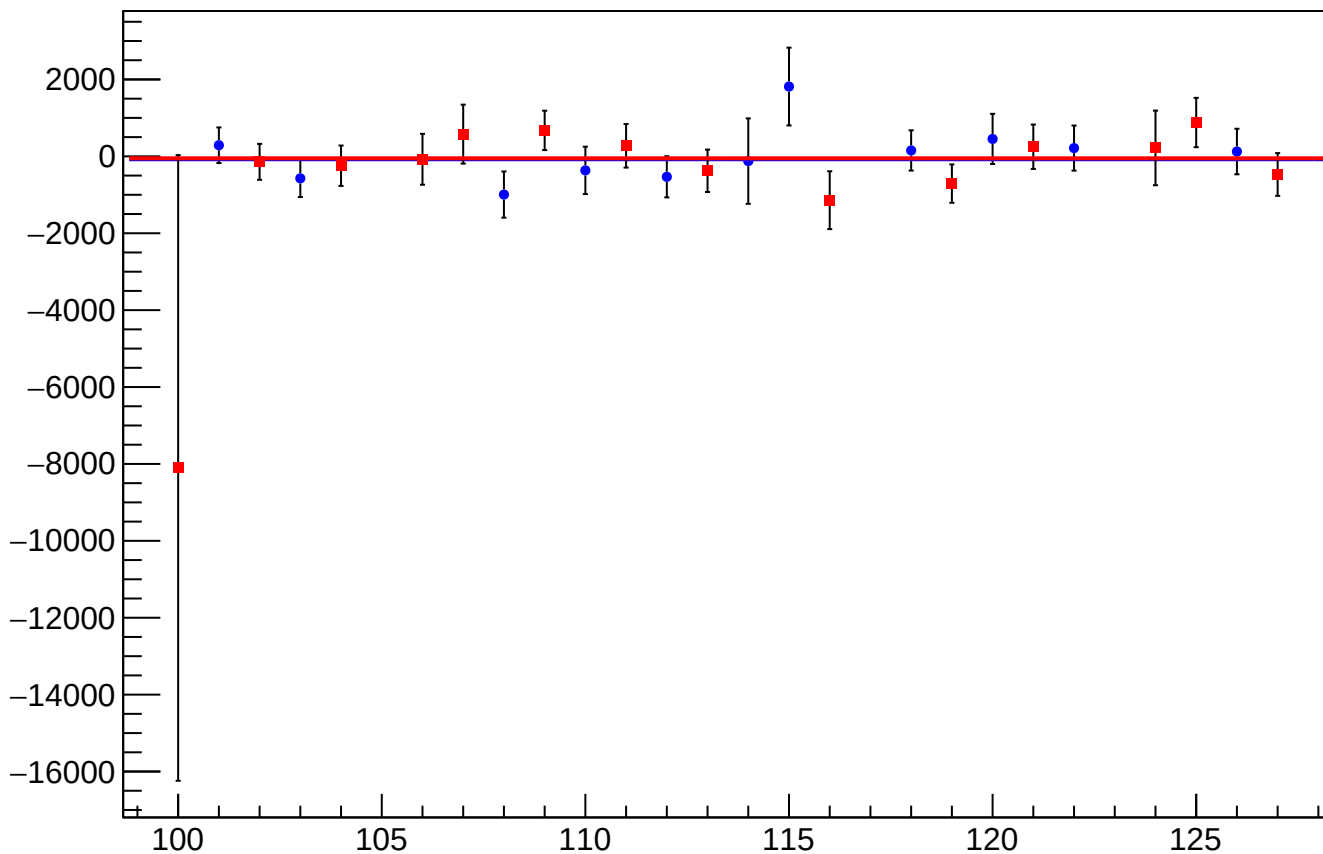
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 322.083+/-0.073 χ^2/NDF : 97010.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_dsr_mean vs Slug



Right In: -75.446 ± 178.652 χ^2/NDF : 9.7/10

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

Right Out: -50.930 ± 162.369 χ^2/NDF : 11.4/13

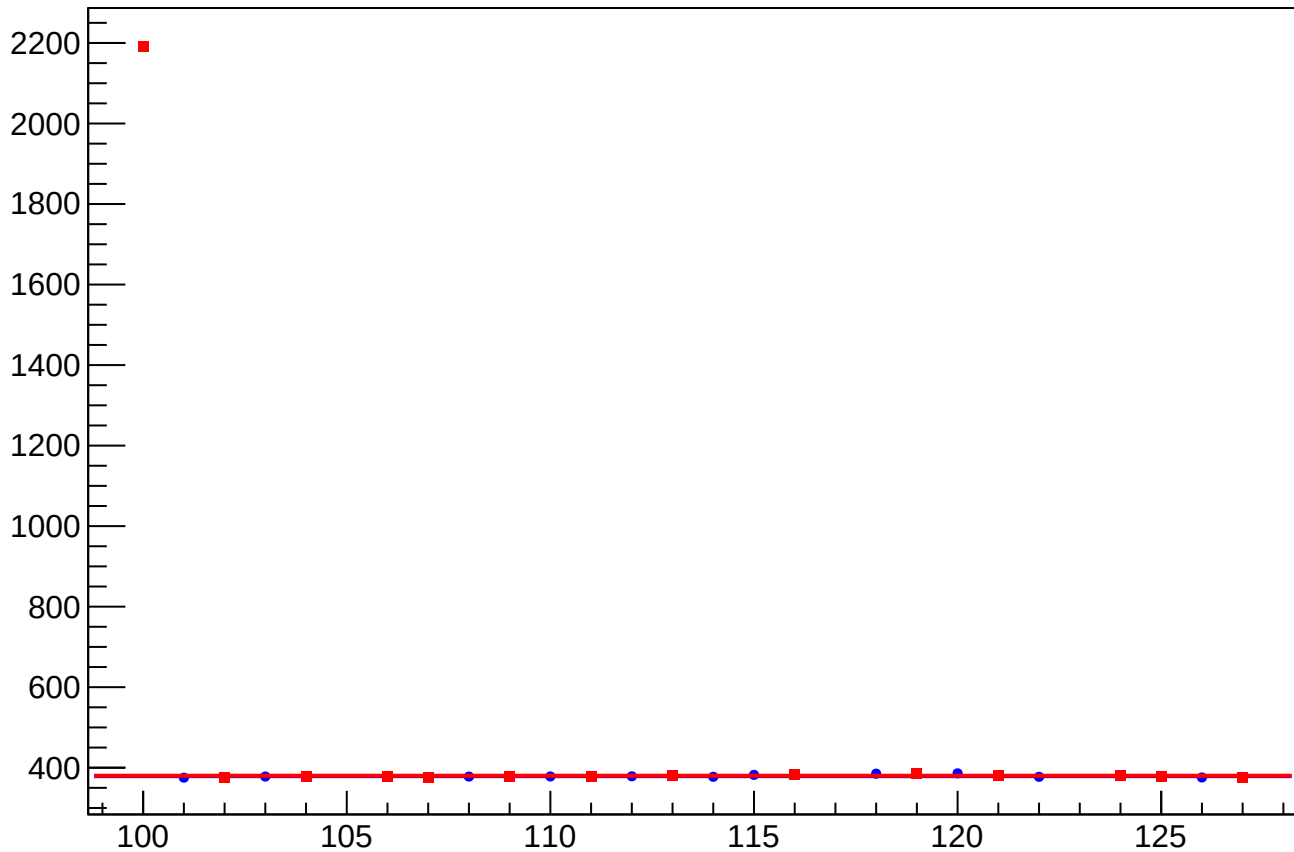
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -62.020 ± 120.157 χ^2/NDF : 21.0/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_dsr_rms vs Slug



Right In: 378.974 $\pm$ 0.126 χ^2 /NDF: 757.6/10

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

Right Out: 380.069 $\pm$ 0.115 χ^2 /NDF: 99528.4/13

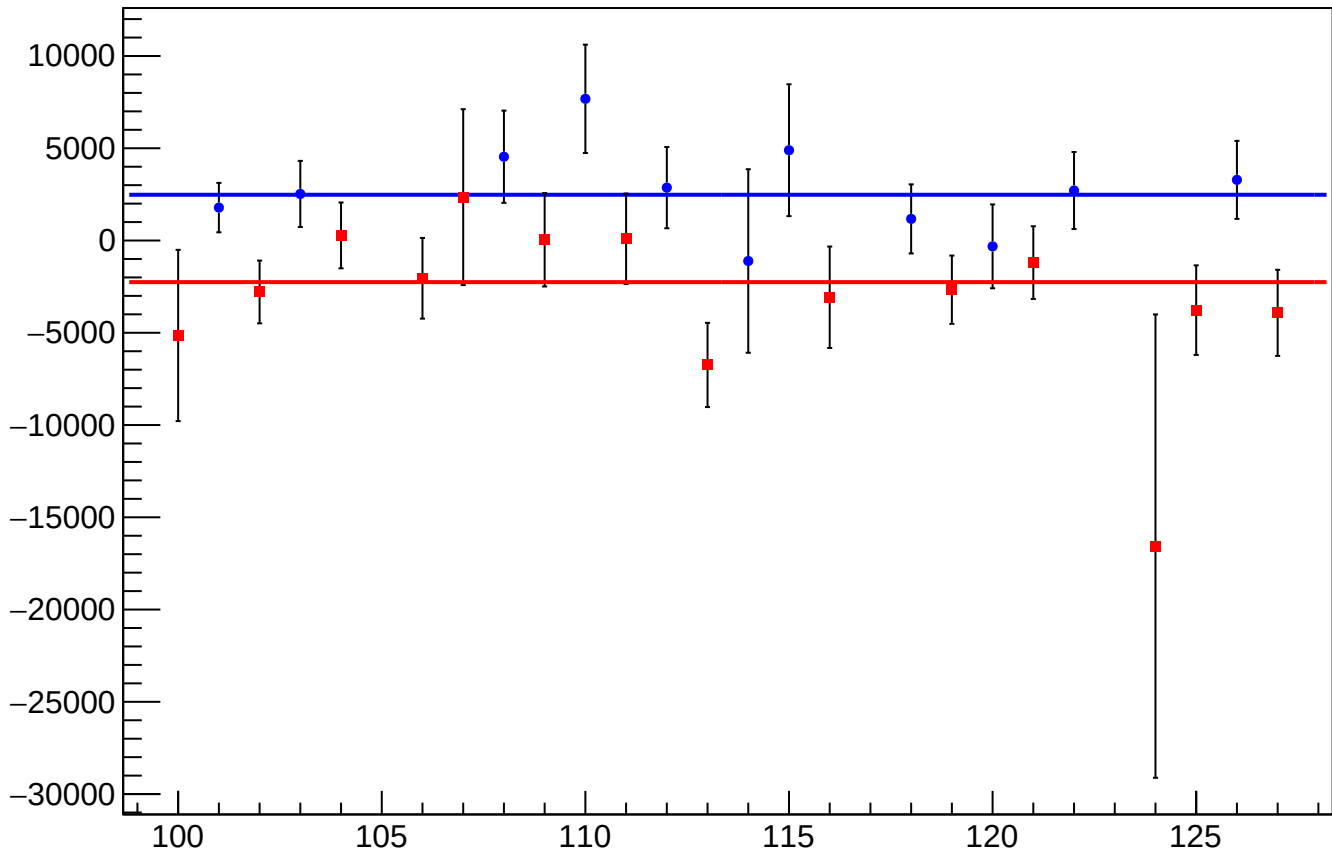
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 379.574 $\pm$ 0.085 χ^2 /NDF: 100327.2/24

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

asym_us_agg_avg_mean vs Slug



Right In: 2480.134+/-645.221 χ^2 /NDF: 7.3/10

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

Right Out: -2254.599+/-630.495 χ^2 /NDF: 11.7/13

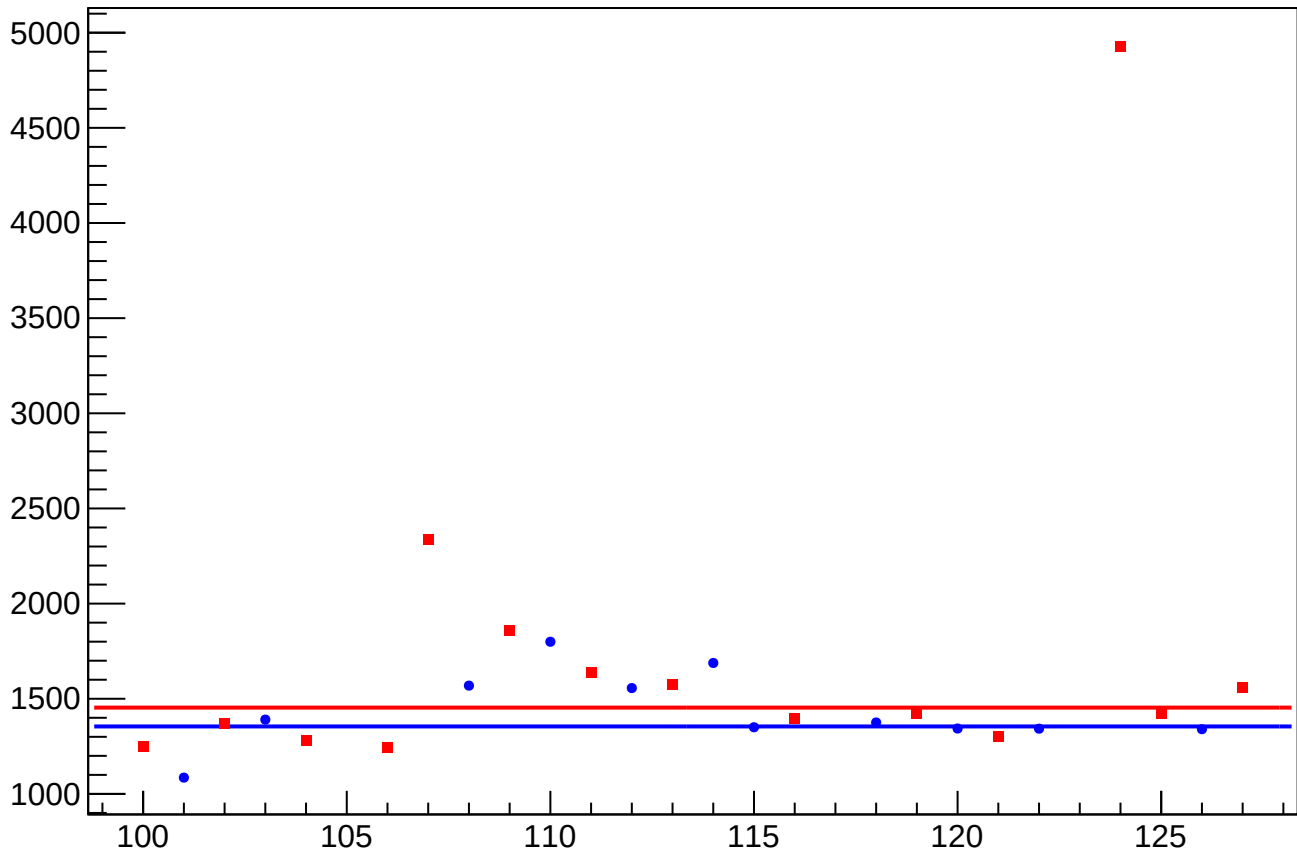
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 58.120+/-450.944 χ^2 /NDF: 46.5/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_agg_avg_rms vs Slug



Right In: 1354.510+/-0.456 χ^2/NDF : 168361.8/10

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

Right Out: 1453.546+/-0.446 χ^2/NDF : 353979.4/13

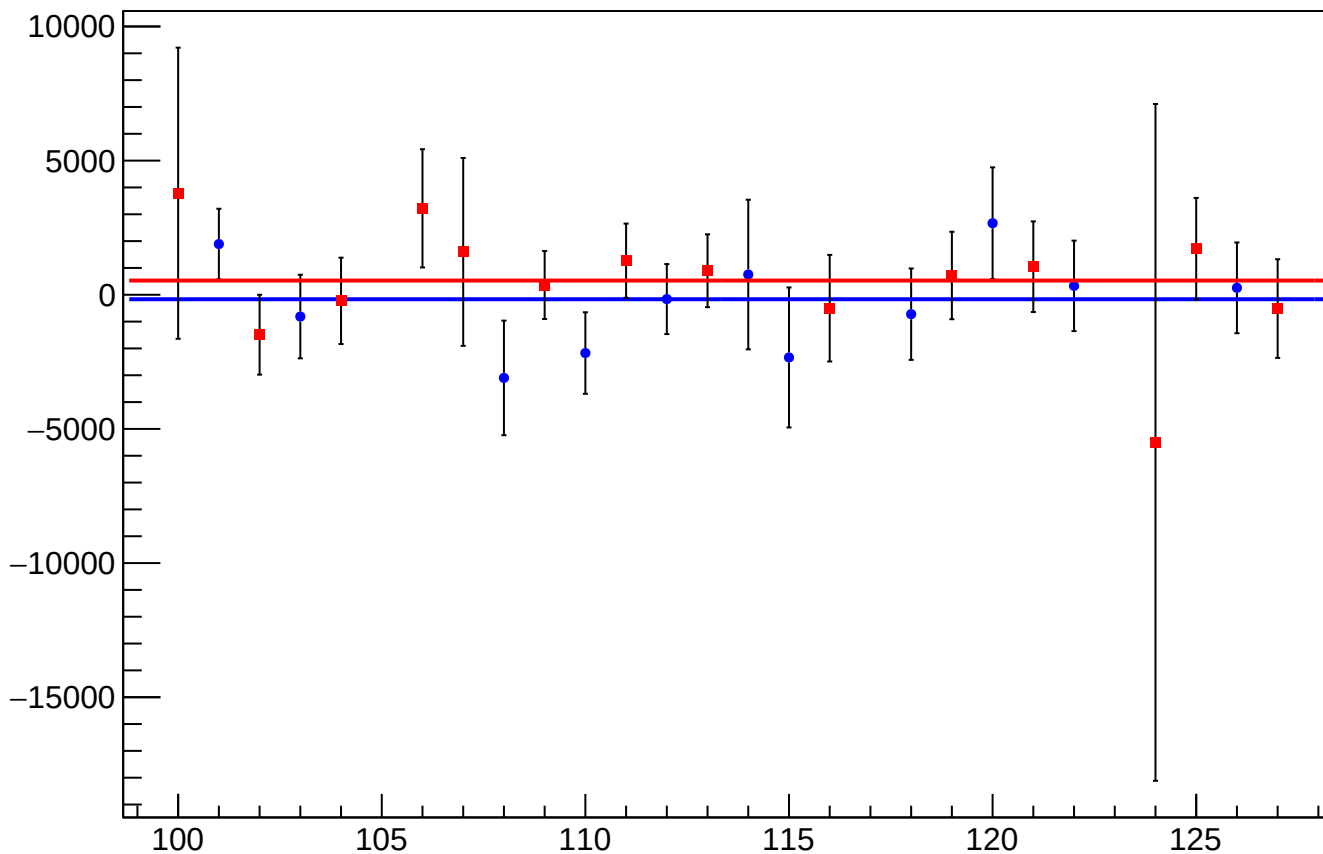
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1405.171+/-0.319 χ^2/NDF : 546444.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_agg_dd_mean vs Slug



Right In: -166.507+/-514.179 χ^2/NDF : 9.2/10

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

Right Out: 530.774+/-476.328 χ^2/NDF : 5.7/13

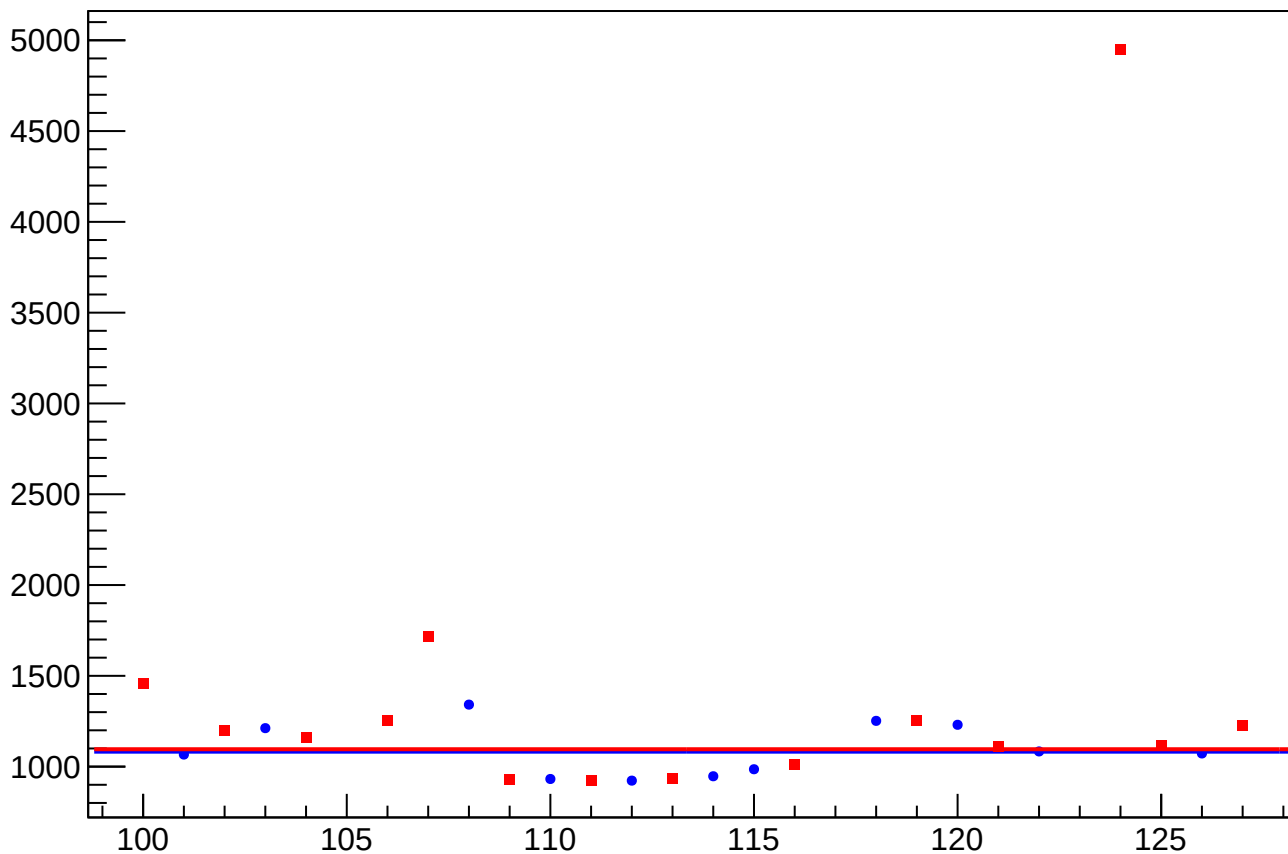
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 208.741+/-349.431 χ^2/NDF : 15.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_agg_dd_rms vs Slug



Right In: 1082.435 $\pm$ 0.364 χ^2 /NDF: 130564.4/10

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

Right Out: 1095.766 $\pm$ 0.337 χ^2 /NDF: 408731.2/13

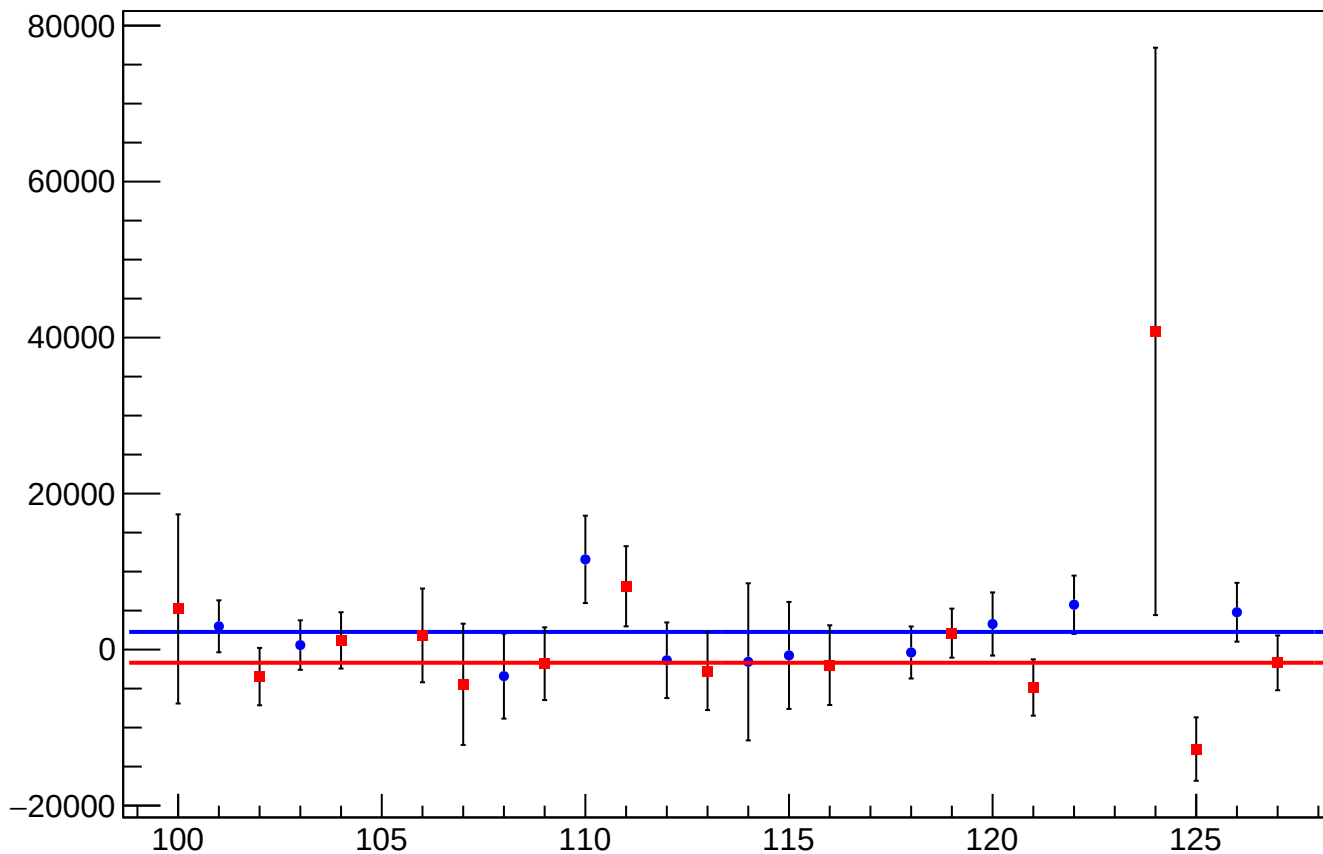
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1089.609 $\pm$ 0.247 χ^2 /NDF: 540019.0/24

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

reg_asym_atl1_mean vs Slug



Right In: 2263.017+/-1268.572 χ^2 /NDF: 7.1/10

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

Right Out: -1688.646+/-1209.090 χ^2 /NDF: 16.3/13

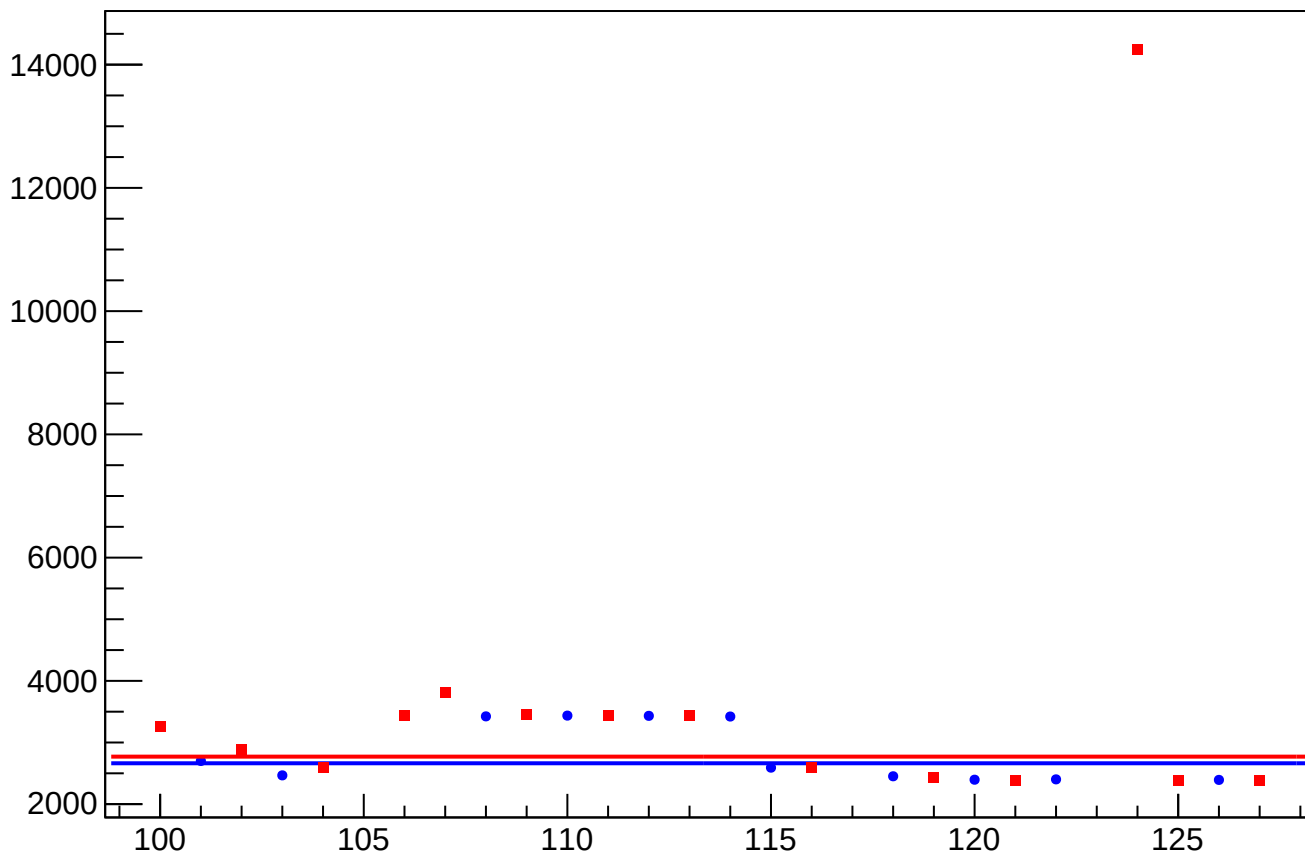
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 192.372+/-875.229 χ^2 /NDF: 28.5/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1_rms vs Slug



Right In: 2662.890+/-0.897 χ^2/NDF : 183686.7/10

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

Right Out: 2770.620+/-0.855 χ^2/NDF : 472802.7/13

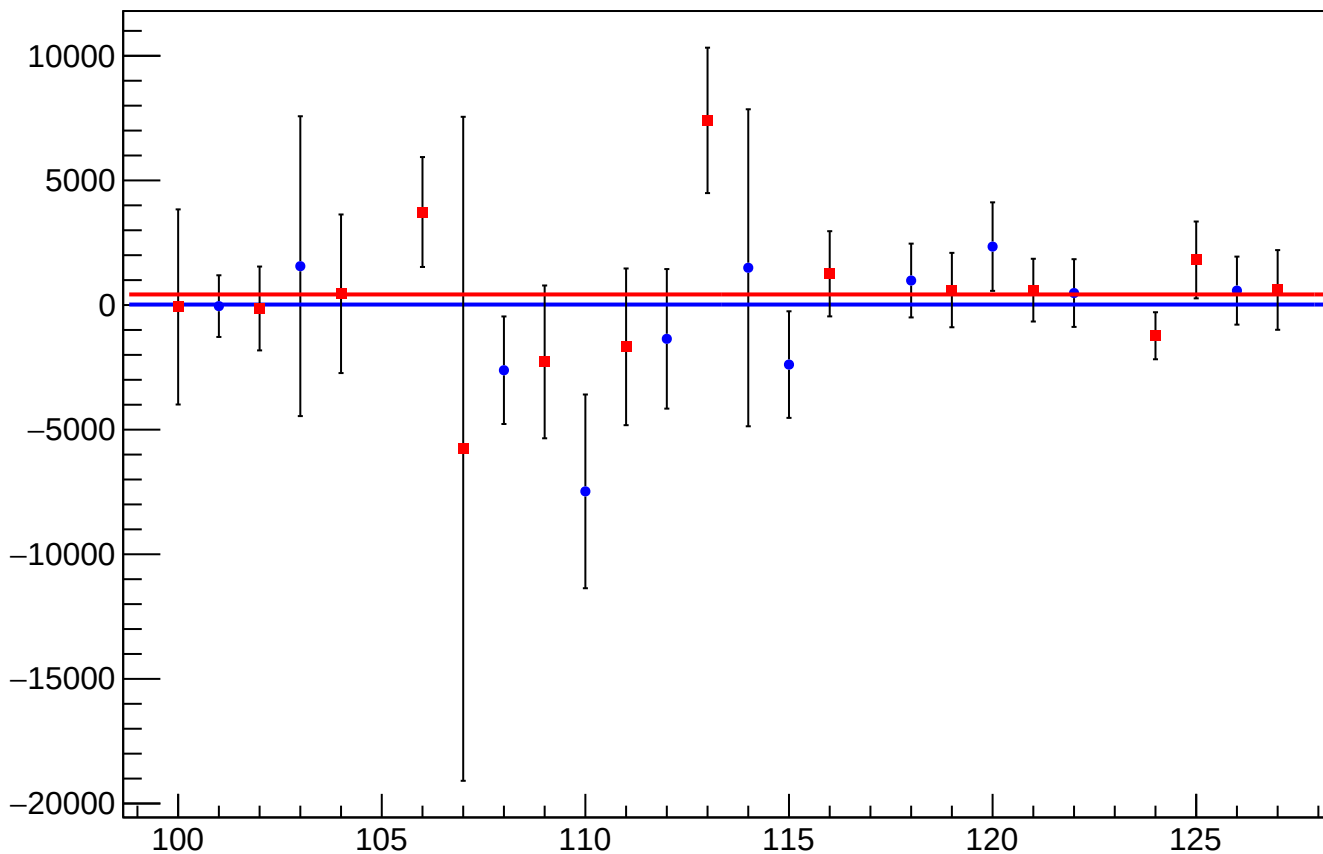
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2719.340+/-0.619 χ^2/NDF : 664047.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_reg_correction_mean vs Slug



Right In: 19.696+/-560.367 χ^2/NDF : 9.3/10

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

Right Out: 424.976+/-476.111 χ^2/NDF : 13.7/13

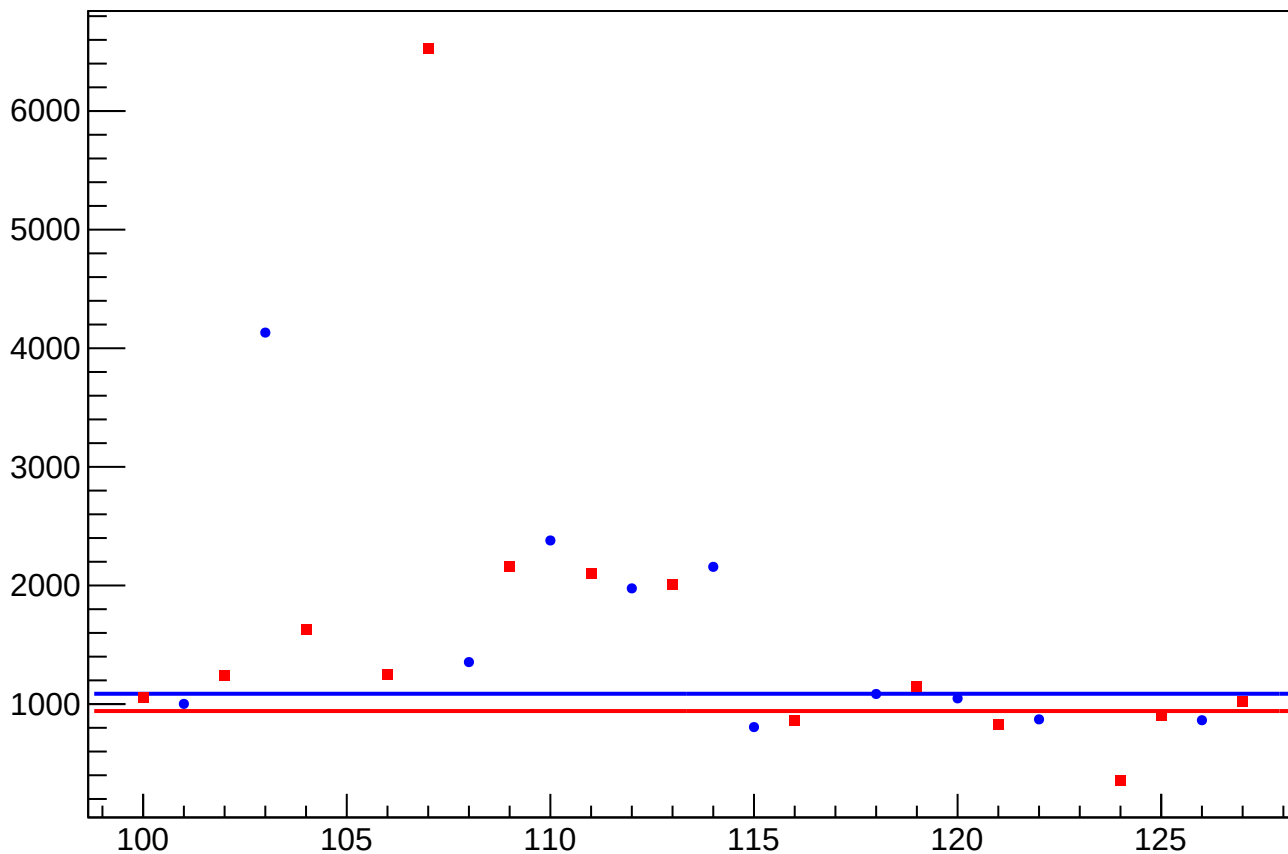
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 255.065+/-362.832 χ^2/NDF : 23.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_reg_correction_rms vs Slug



Right In: 1087.082+/-0.396 χ^2/NDF : 1171225.5/10

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

Right Out: 941.378+/-0.337 χ^2/NDF : 2245677.2/13

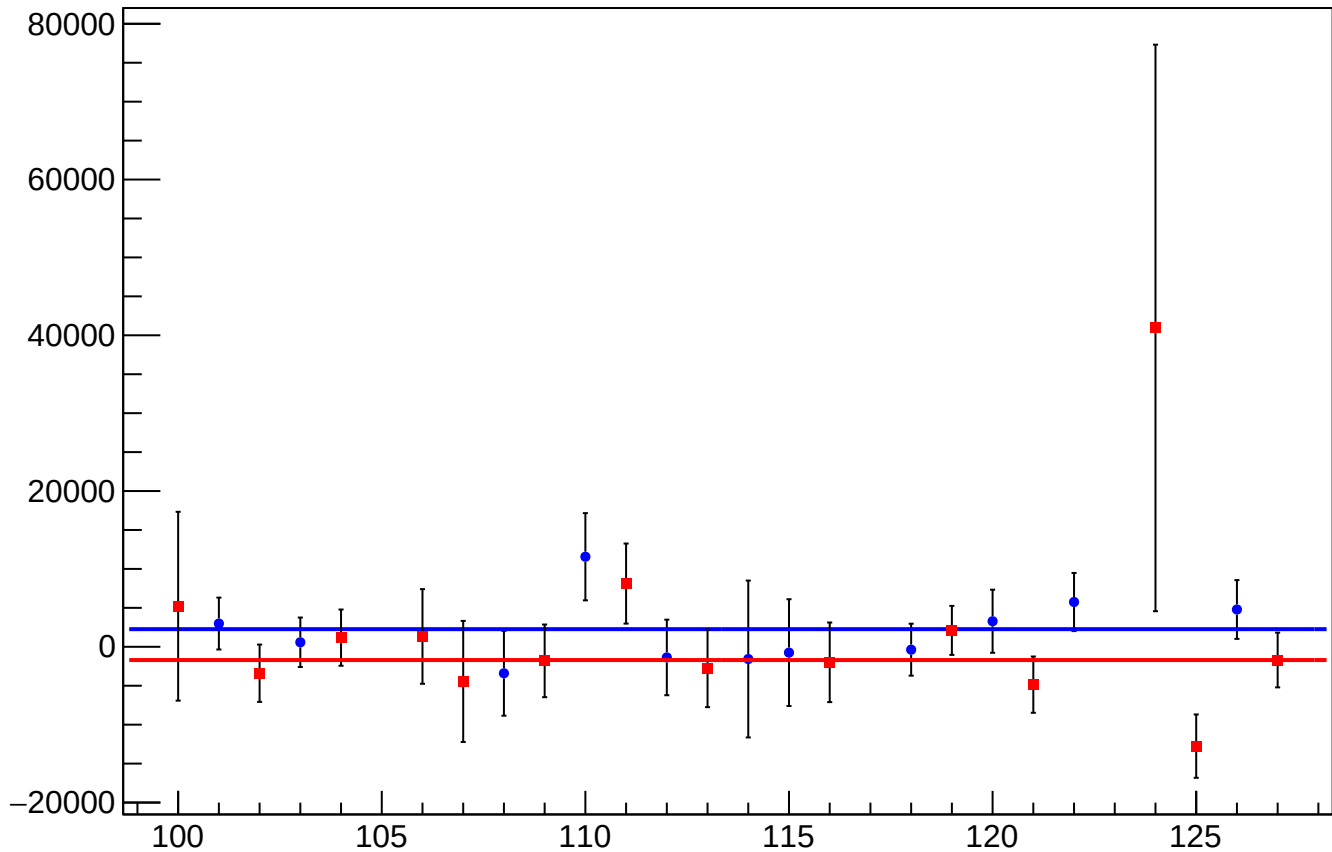
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1002.463+/-0.257 χ^2/NDF : 3495430.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1_mean vs Slug



Right In: 2263.650+/-1268.572 χ^2/NDF : 7.1/10

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

Right Out: -1703.415+/-1209.646 χ^2/NDF : 16.2/13

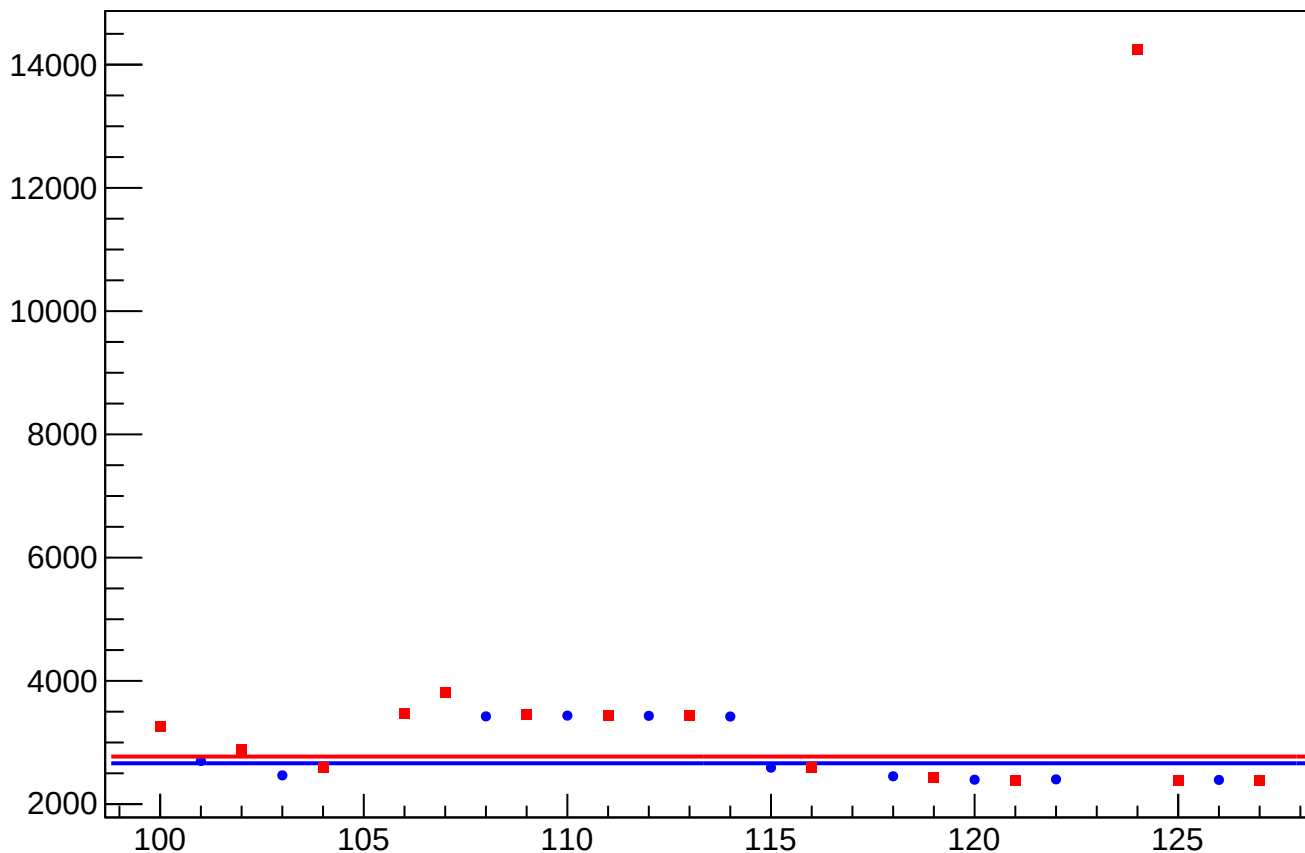
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 185.845+/-875.440 χ^2/NDF : 28.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1_rms vs Slug



Right In: 2662.890 $\pm$ 0.897 χ^2 /NDF: 183686.6/10

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

Right Out: 2771.573 $\pm$ 0.855 χ^2 /NDF: 475077.8/13

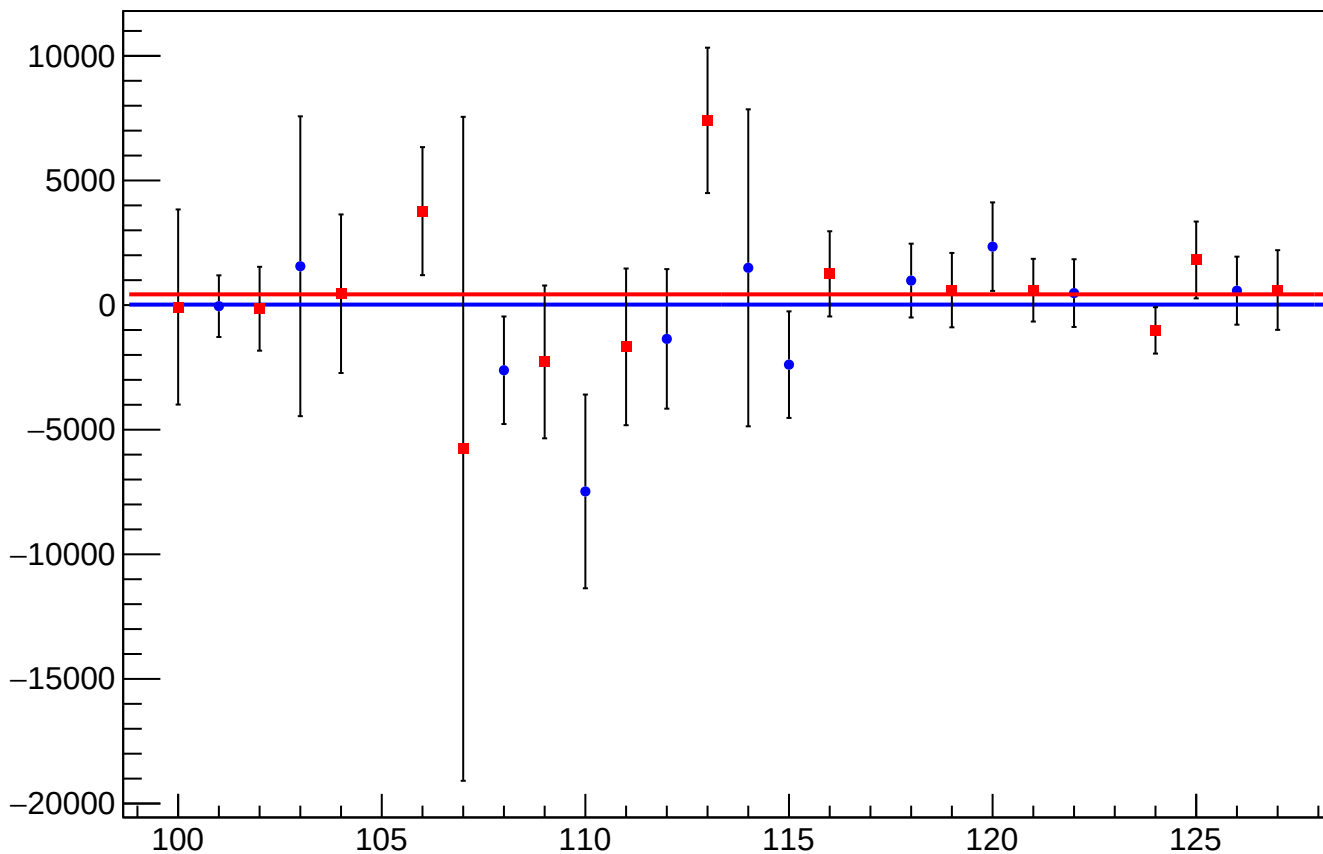
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 2719.815 $\pm$ 0.619 χ^2 /NDF: 666453.2/24

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

asym_atl1_cor_correction_mean vs Slug



Right In: 19.668 $\pm$ 560.367 χ^2 /NDF: 9.3/10

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

Right Out: 430.664 $\pm$ 477.422 χ^2 /NDF: 12.5/13

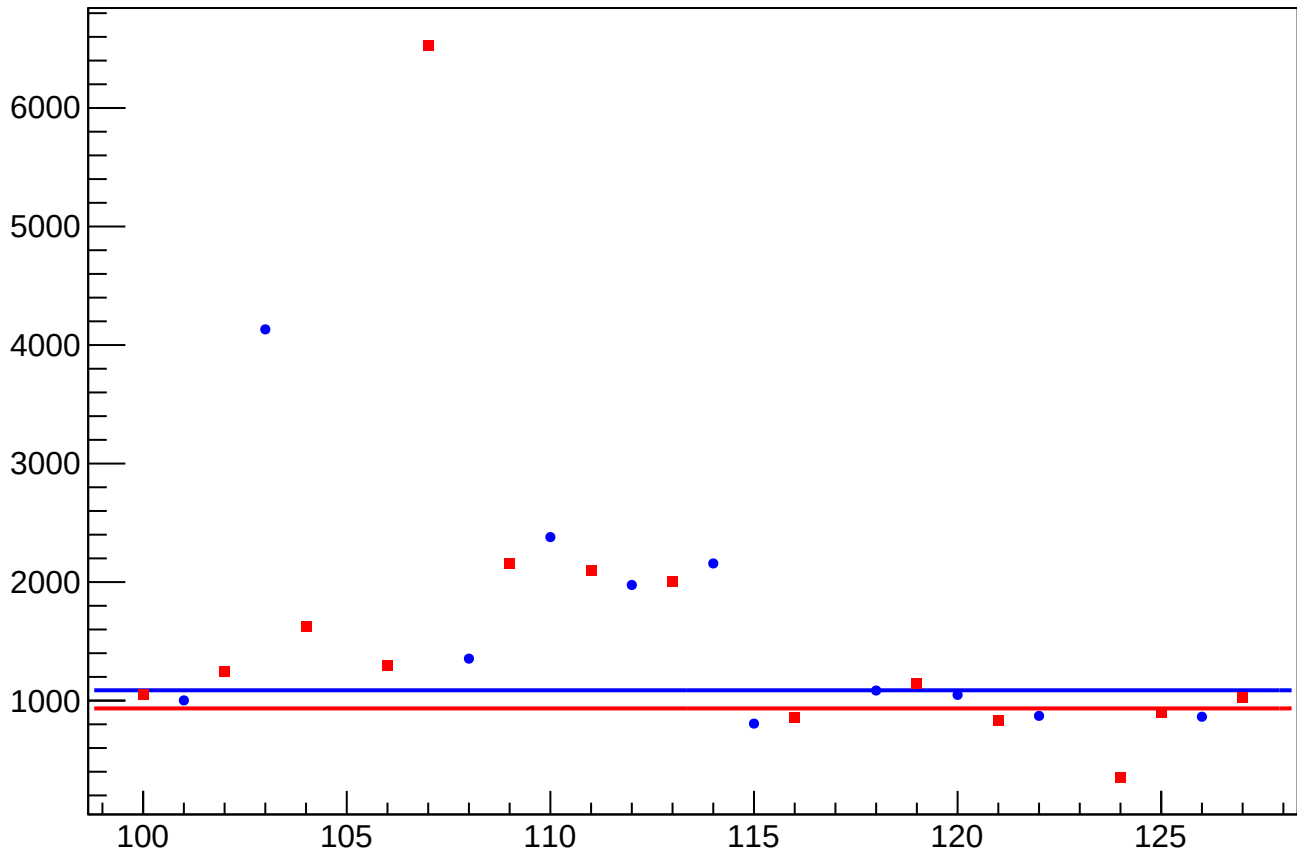
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 257.806 $\pm$ 363.411 χ^2 /NDF: 22.1/24

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

asym_atl1_cor_correction_rms vs Slug



Right In: 1087.082 $\pm$ 0.396 χ^2 /NDF: 1171205.6/10

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

Right Out: 934.061 $\pm$ 0.338 χ^2 /NDF: 2277678.7/13

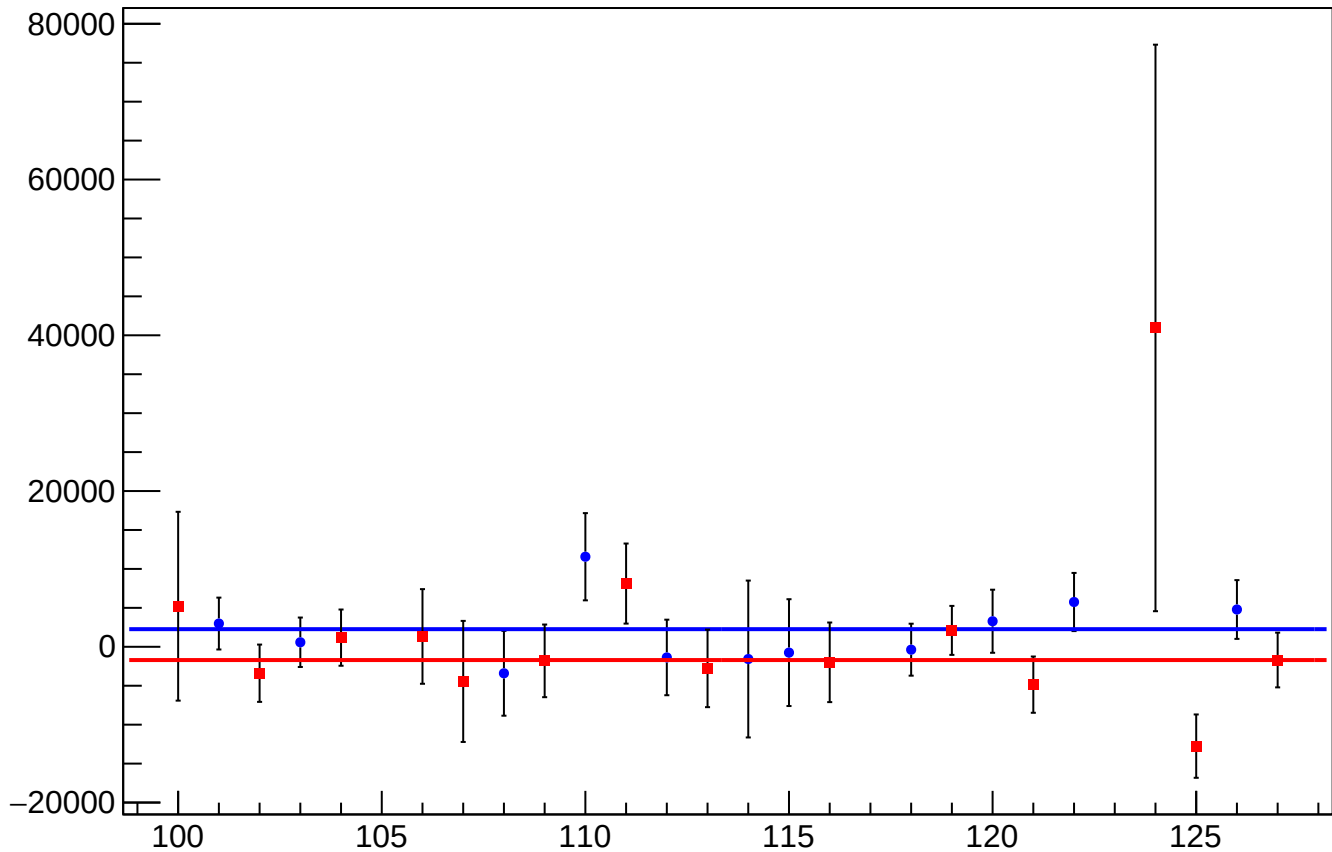
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 998.419 $\pm$ 0.257 χ^2 /NDF: 3535297.5/24

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

eigen_cor_asym_atl1_mean vs Slug



Right In: 2263.650+/-1268.572 χ^2/NDF : 7.1/10

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

Right Out: -1703.415+/-1209.646 χ^2/NDF : 16.2/13

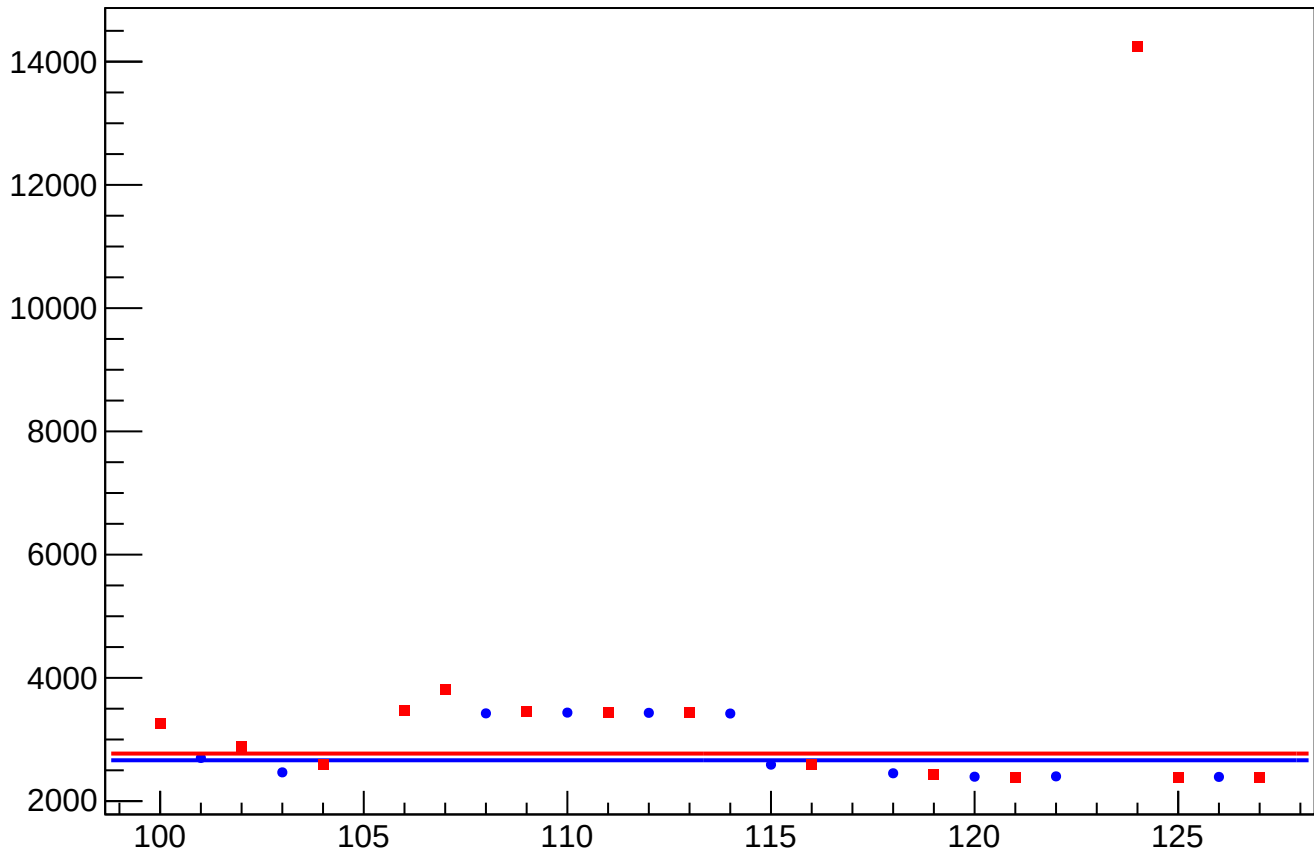
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 185.845+/-875.440 χ^2/NDF : 28.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1_rms vs Slug



Right In: 2662.890+/-0.897 χ^2/NDF : 183686.6/10

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

Right Out: 2771.573+/-0.855 χ^2/NDF : 475077.8/13

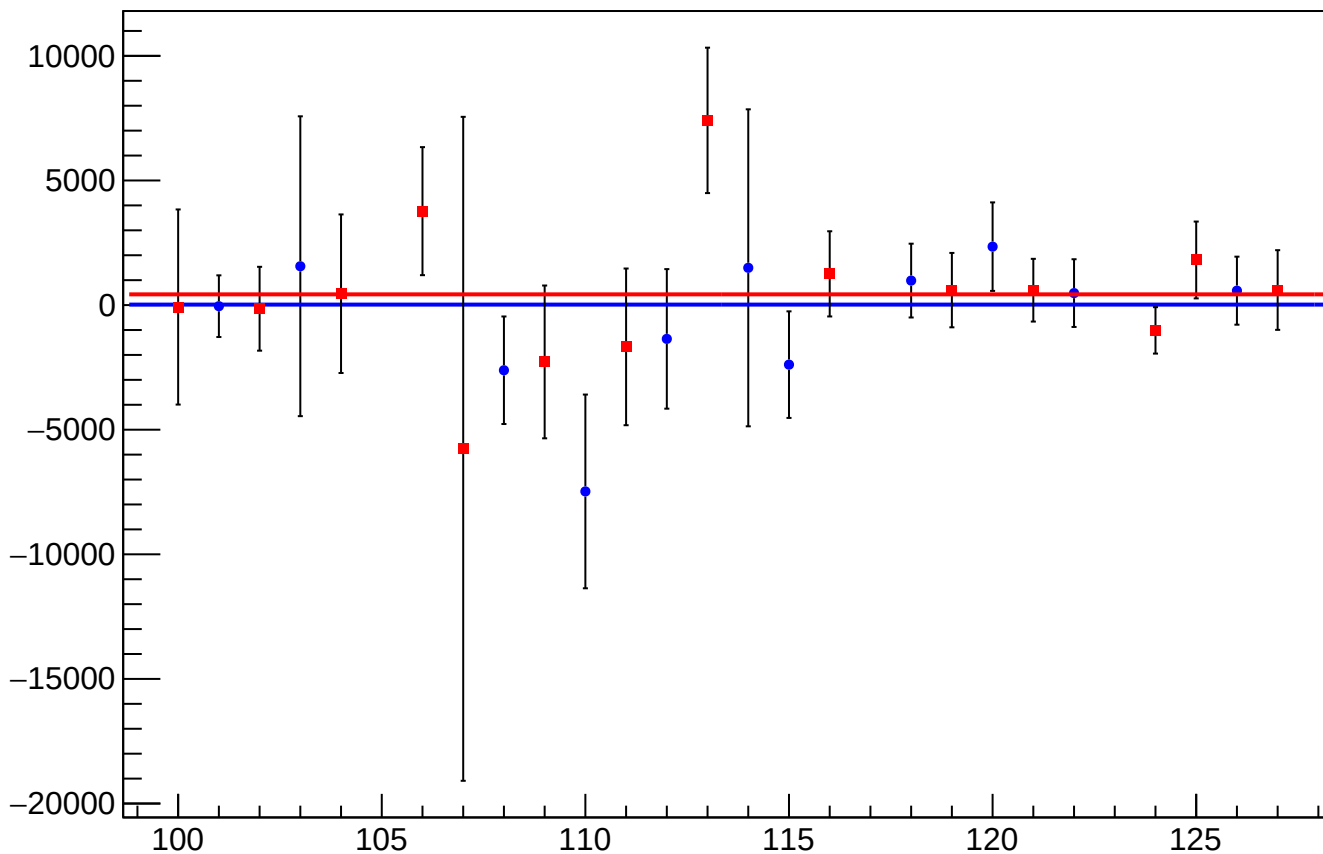
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2719.815+/-0.619 χ^2/NDF : 666453.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_cor_correction_mean vs Slug



Right In: 19.668+/-560.367 χ^2/NDF : 9.3/10

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

Right Out: 430.664+/-477.422 χ^2/NDF : 12.5/13

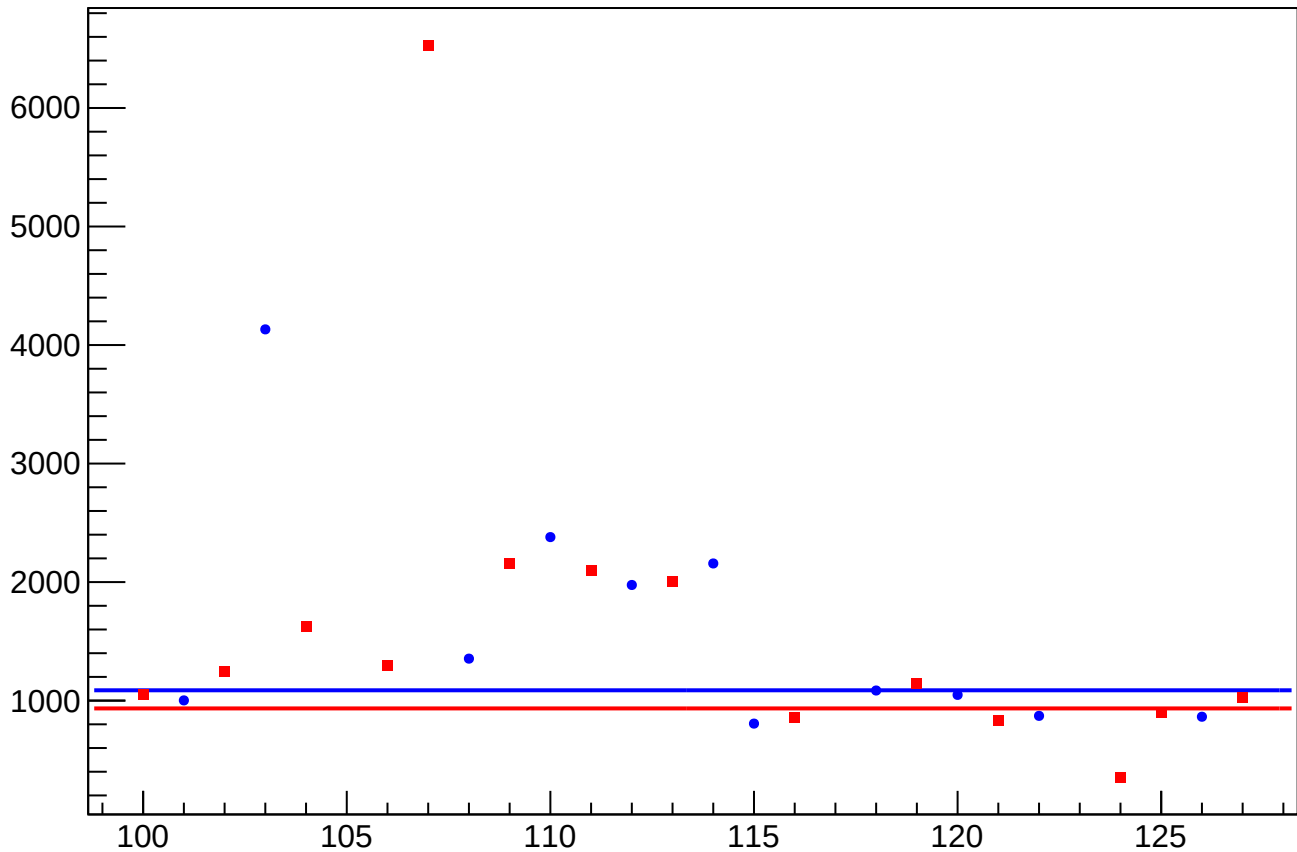
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 257.806+/-363.411 χ^2/NDF : 22.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_cor_correction_rms vs Slug



Right In: 1087.082 $\pm$ 0.396 χ^2 /NDF: 1171205.6/10

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

Right Out: 934.061 $\pm$ 0.338 χ^2 /NDF: 2277678.7/13

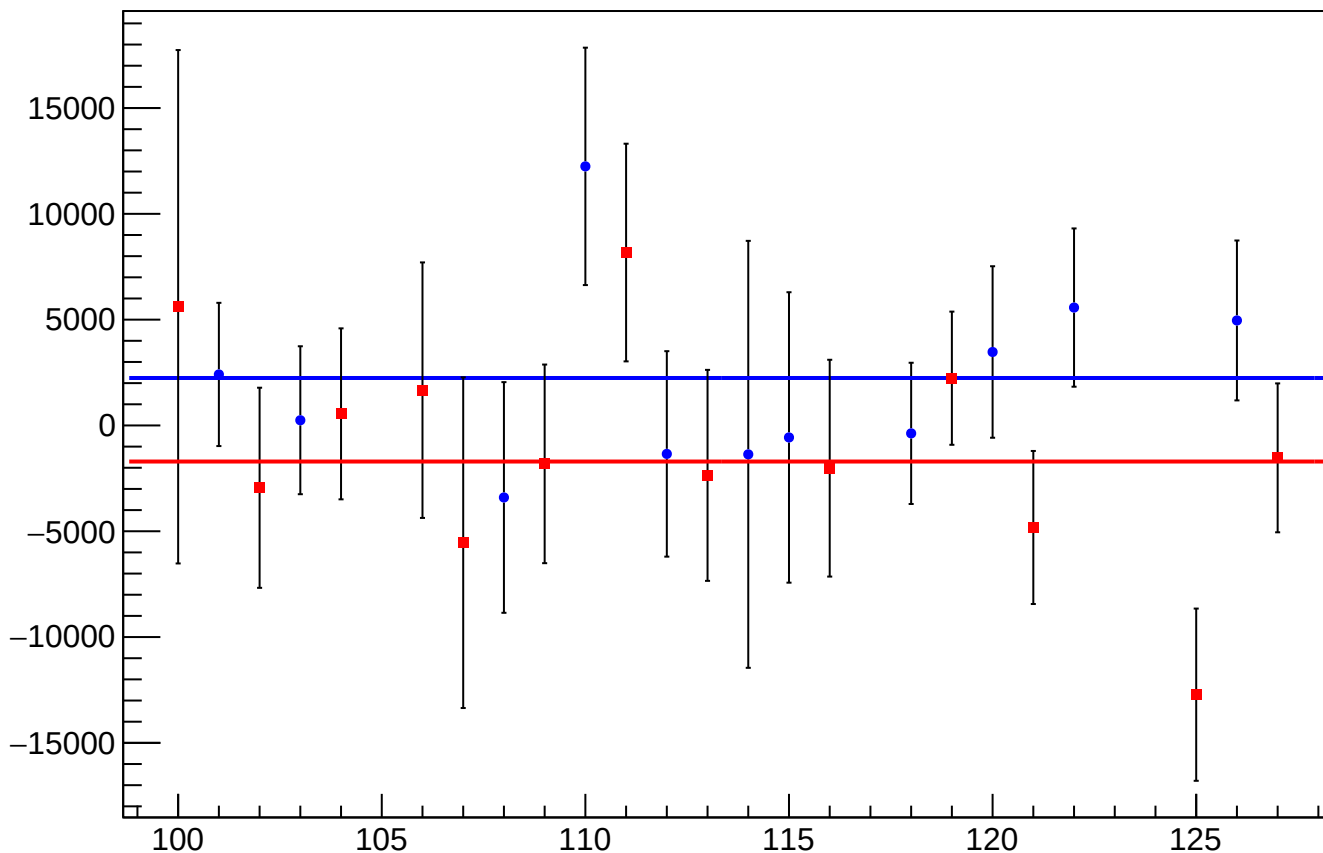
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 998.419 $\pm$ 0.257 χ^2 /NDF: 3535297.5/24

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

dit_asym_atl1_mean vs Slug



Right In: 2242.711 $\pm$ 1290.641 χ^2 /NDF: 7.4/10

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

Right Out: -1704.979 $\pm$ 1253.184 χ^2 /NDF: 14.6/12

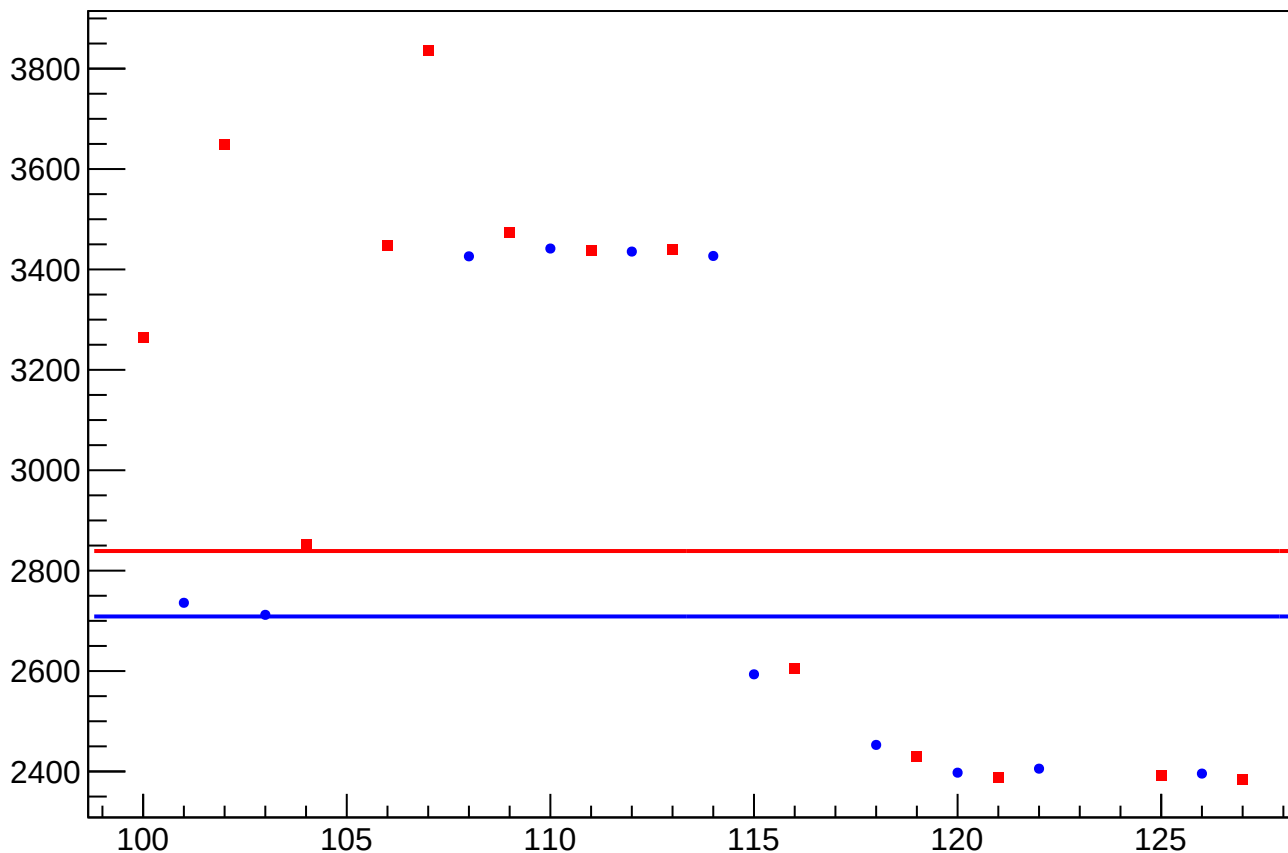
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 210.749 $\pm$ 899.085 χ^2 /NDF: 26.9/23

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

dit_asym_atl1_rms vs Slug



Right In: 2708.747 $\pm$ 0.913 χ^2 /NDF: 174862.4/10

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

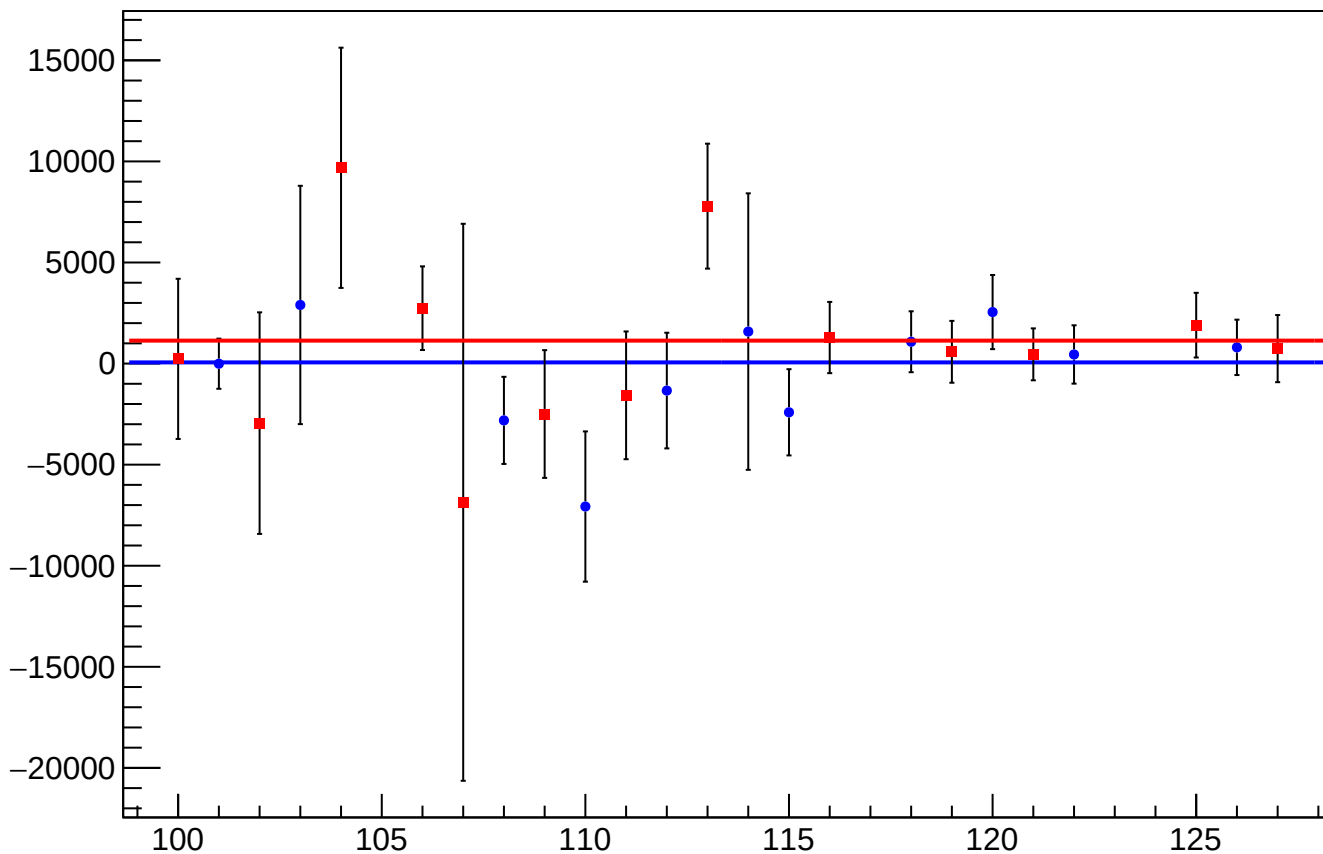
Right Out: 2839.091 $\pm$ 0.886 χ^2 /NDF: 333510.4/12

All: 2775.838 $\pm$ 0.636 χ^2 /NDF: 518872.5/23

- 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_atl1_dit_correction_mean vs Slug



Right In: 57.967+/-569.710 χ^2/NDF : 10.0/10

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

Right Out: 1135.026+/-599.917 χ^2/NDF : 11.0/12

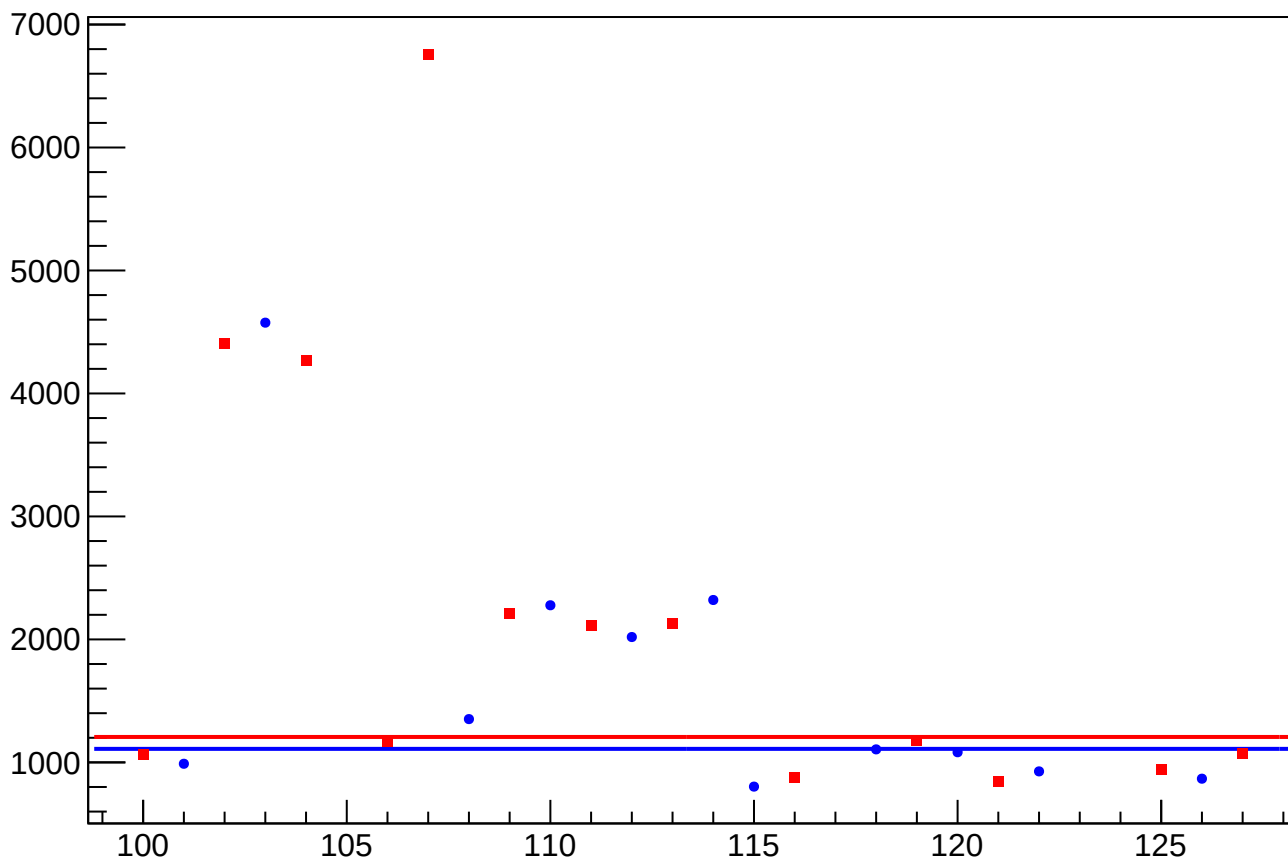
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 568.698+/-413.112 χ^2/NDF : 22.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_dit_correction_rms vs Slug



Right In: 1109.992 $\pm$ 0.403 χ^2 /NDF: 1334945.7/10

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

Right Out: 1206.815 $\pm$ 0.424 χ^2 /NDF: 2375806.4/12

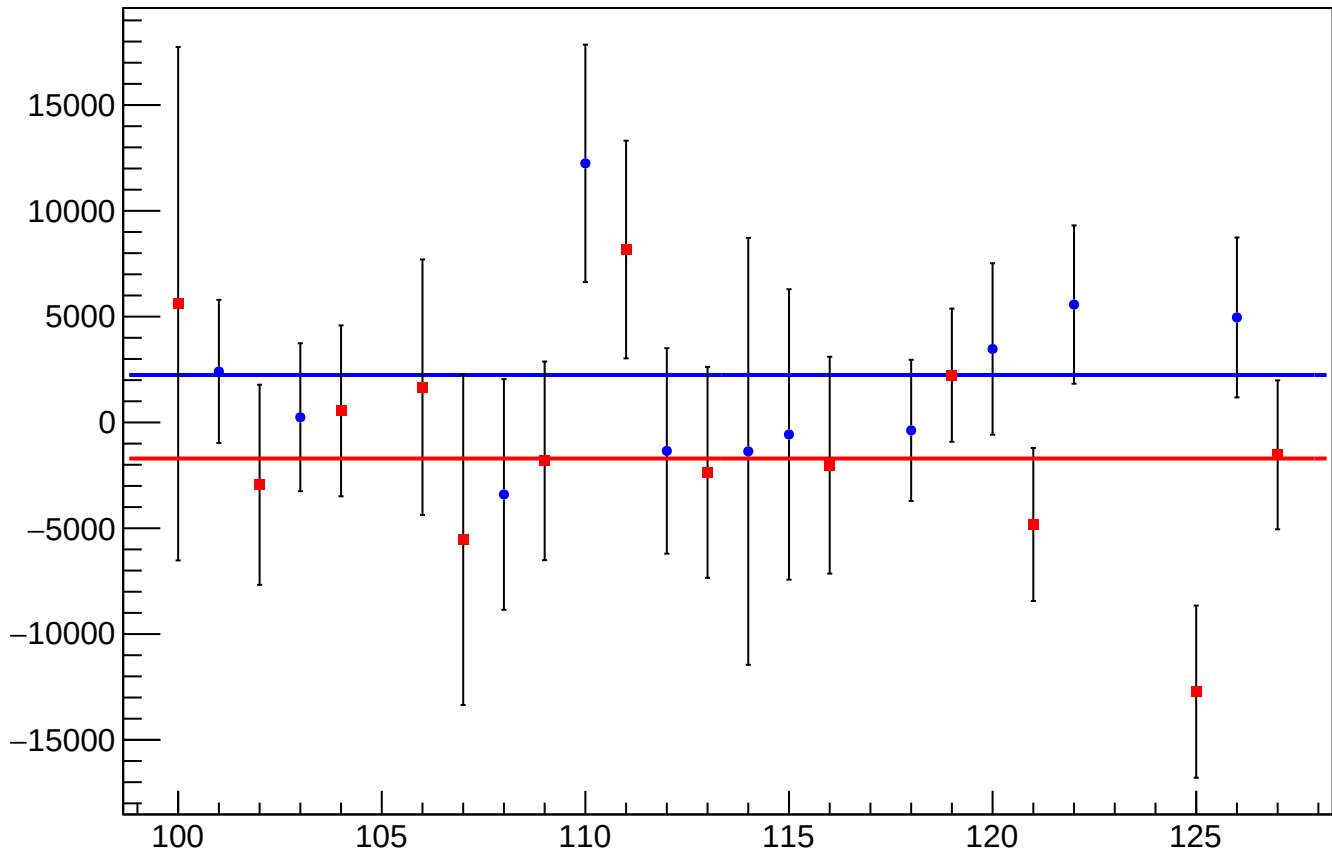
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1155.905 $\pm$ 0.292 χ^2 /NDF: 3738144.6/23

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

eigen_dit_asym_atl1_mean vs Slug



Right In: 2242.706 $\pm$ 1290.640 χ^2 /NDF: 7.4/10

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

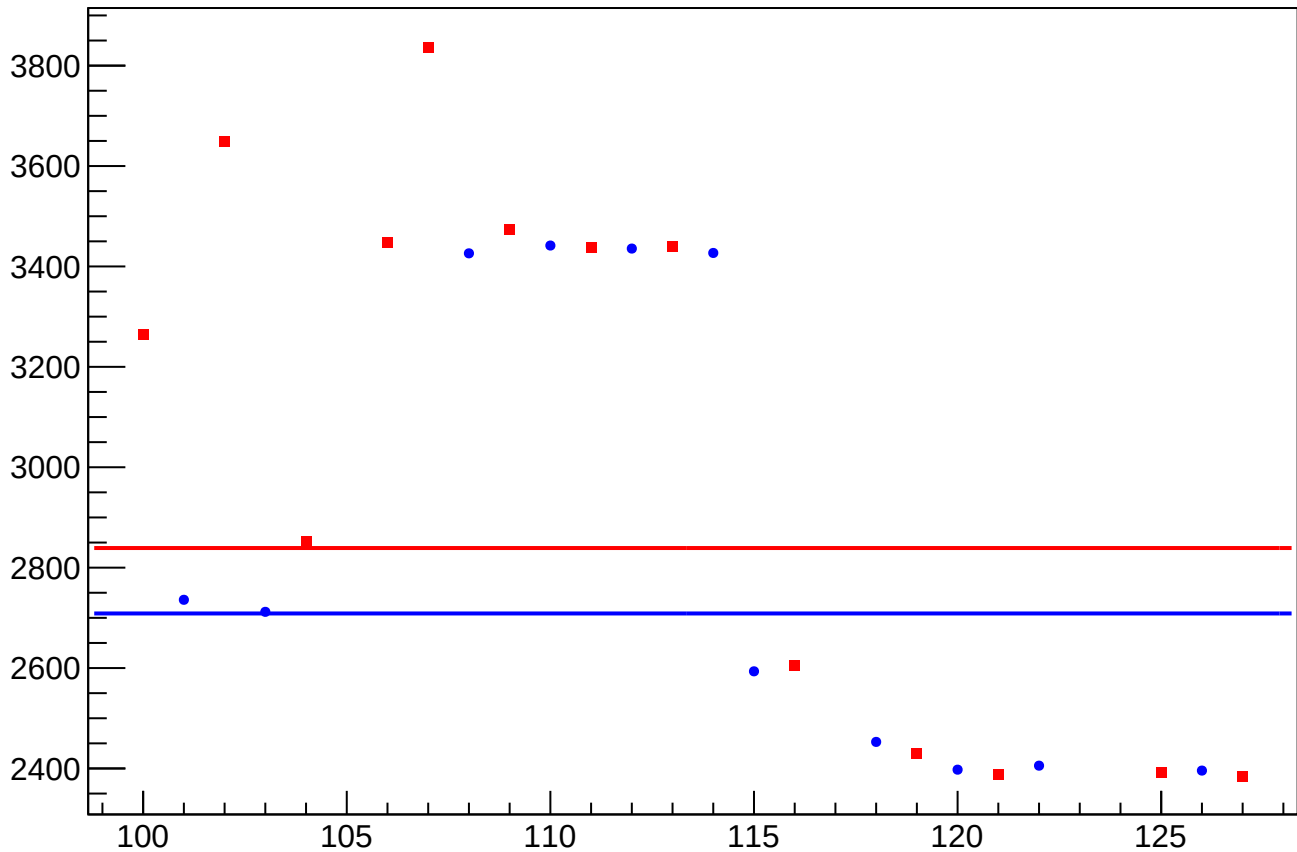
Right Out: -1704.976 $\pm$ 1253.183 χ^2 /NDF: 14.6/12

All: 210.749 $\pm$ 899.085 χ^2 /NDF: 26.9/23

- 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_atl1_rms vs Slug



Right In: 2708.746 $\pm$ 0.913 χ^2 /NDF: 174862.4/10

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

Right Out: 2839.091 $\pm$ 0.886 χ^2 /NDF: 333510.0/12

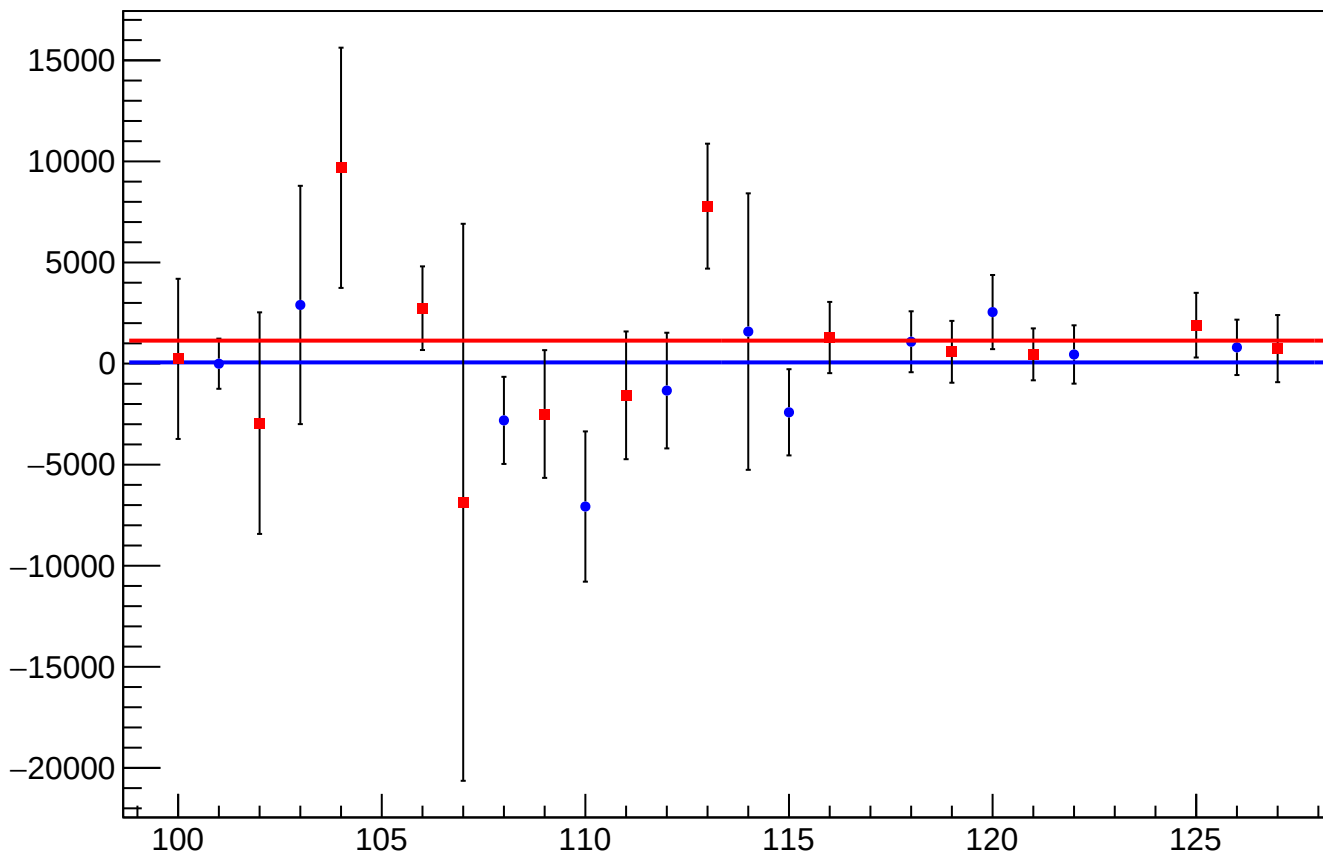
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 2775.837 $\pm$ 0.636 χ^2 /NDF: 518872.2/23

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

asym_atl1_eigen_dit_correction_mean vs Slug



Right In: 57.965+/-569.709 χ^2/NDF : 10.0/10

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

Right Out: 1135.025+/-599.917 χ^2/NDF : 11.0/12

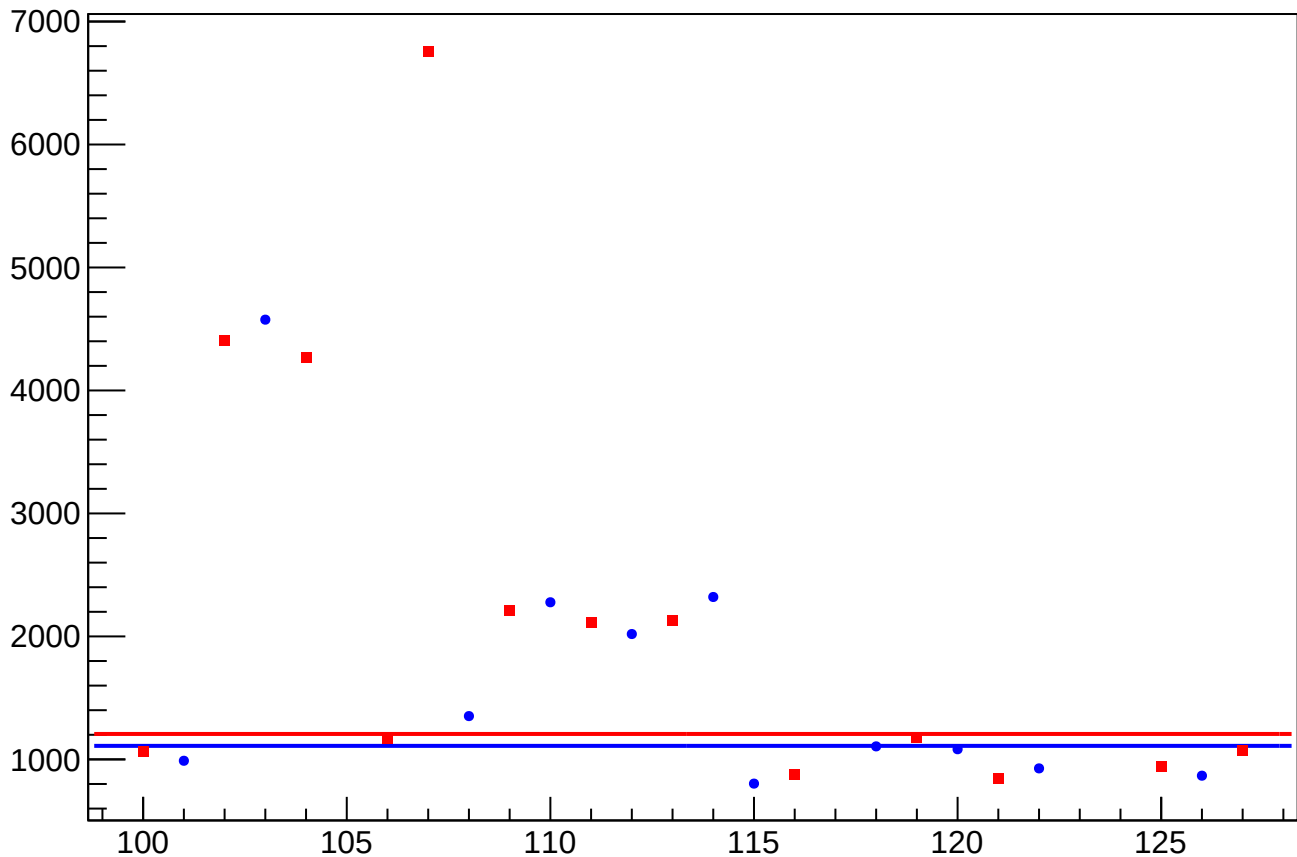
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 568.697+/-413.112 χ^2/NDF : 22.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_dit_correction_rms vs Slug



Right In: 1109.991 $\pm$ 0.403 χ^2 /NDF: 1334946.7/10

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

Right Out: 1206.814 $\pm$ 0.424 χ^2 /NDF: 2375808.6/12

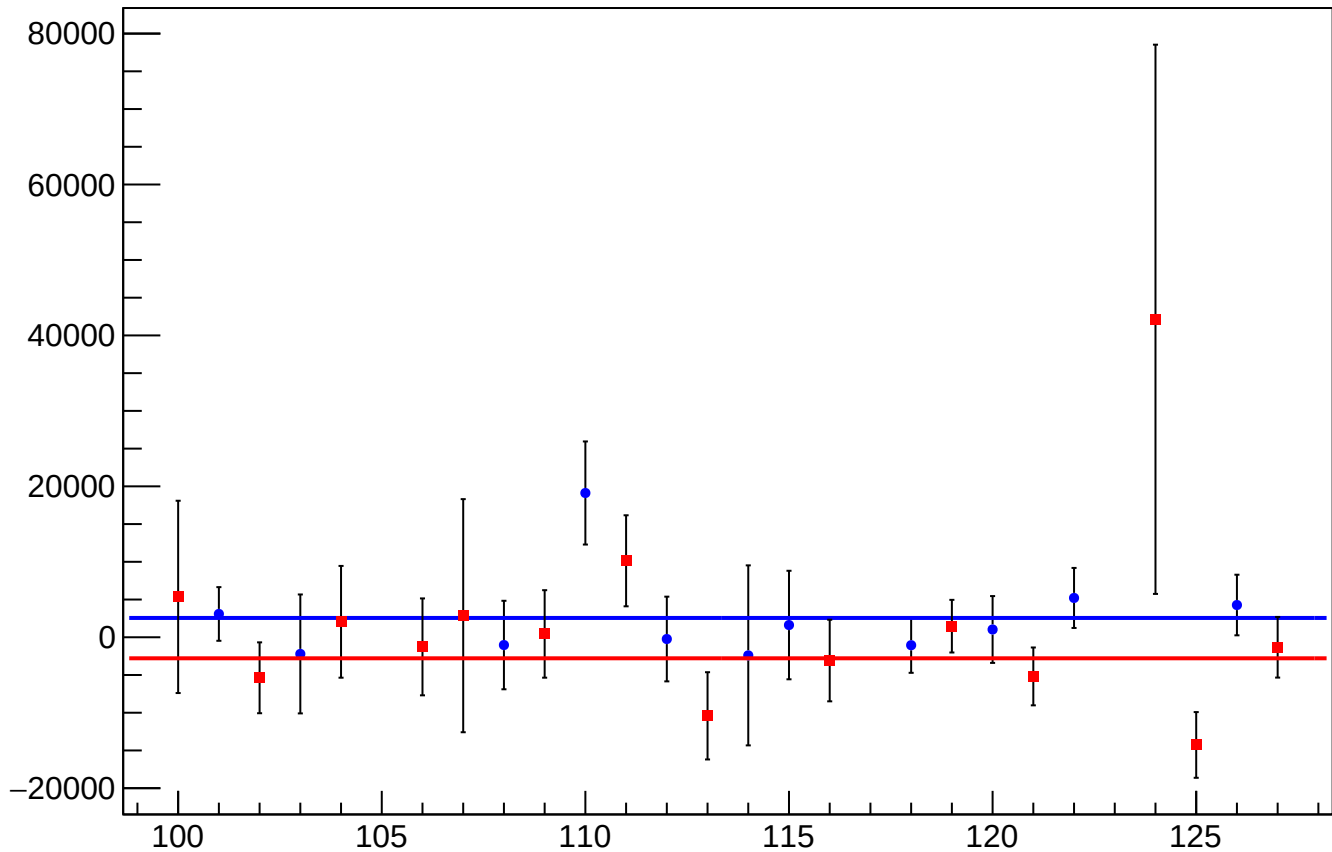
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 1155.904 $\pm$ 0.292 χ^2 /NDF: 3738148.0/23

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

asym_atl1_mean vs Slug



Right In: 2560.004 $\pm$ 1483.090 χ^2 /NDF: 8.8/10

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

Right Out: -2787.682 $\pm$ 1435.579 χ^2 /NDF: 18.5/13

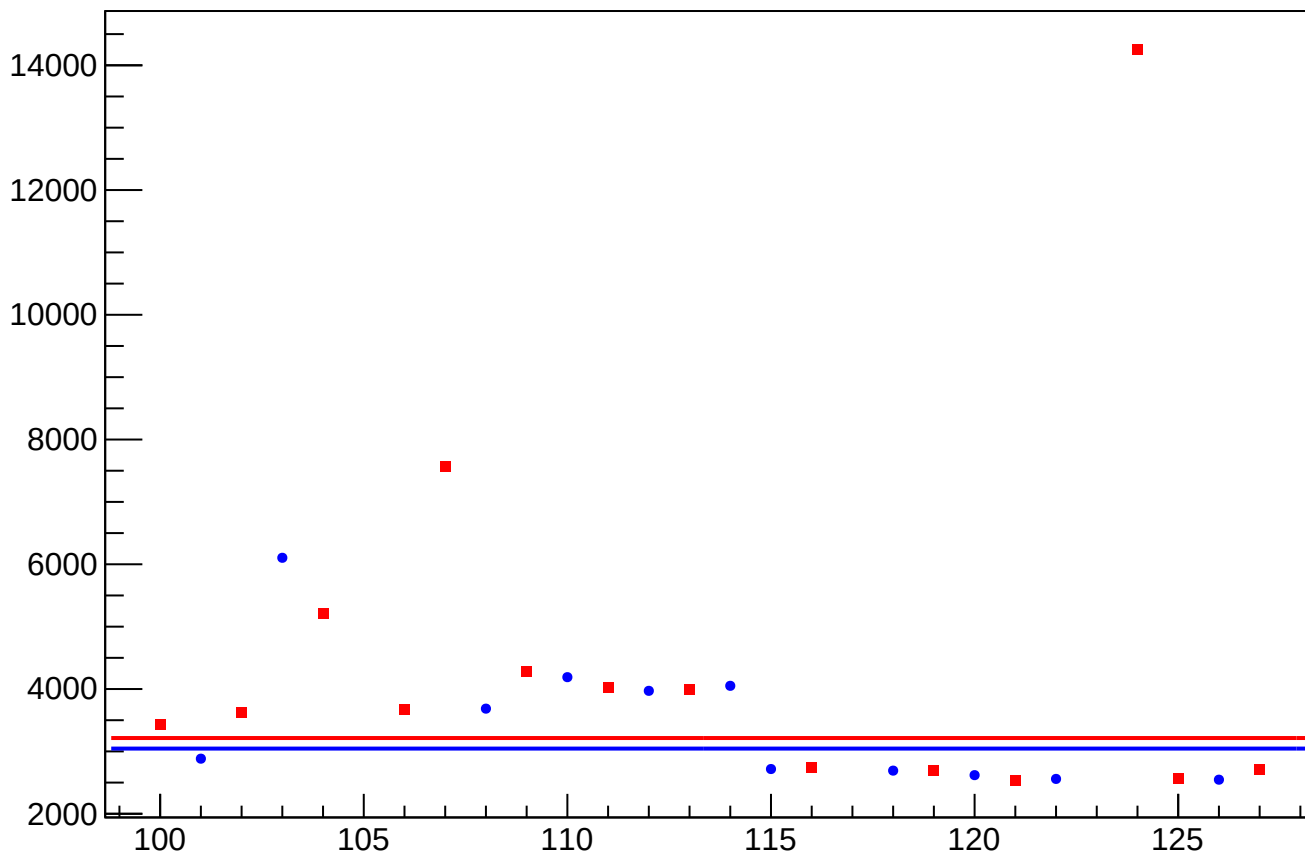
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -200.867 $\pm$ 1031.495 χ^2 /NDF: 34.0/24

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

asym_atl1_rms vs Slug



Right In: 3045.173+/-1.049 χ^2/NDF : 556199.3/10

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

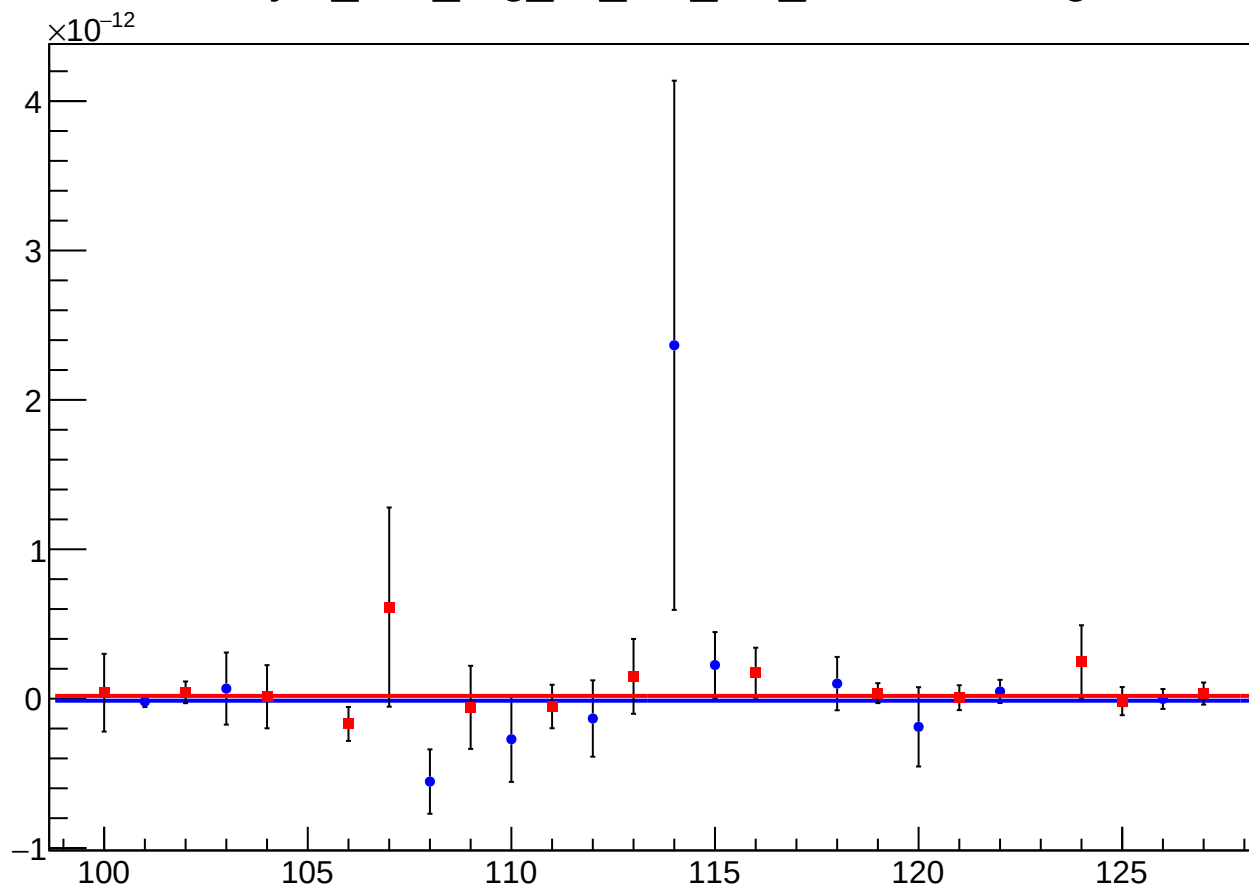
Right Out: 3214.358+/-1.015 χ^2/NDF : 853568.1/13

All: 3132.519+/-0.729 χ^2/NDF : 1423204.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_atl1_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 12.0/10

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

Right Out: 0.000 ± 0.000 χ^2/NDF : 6.3/13

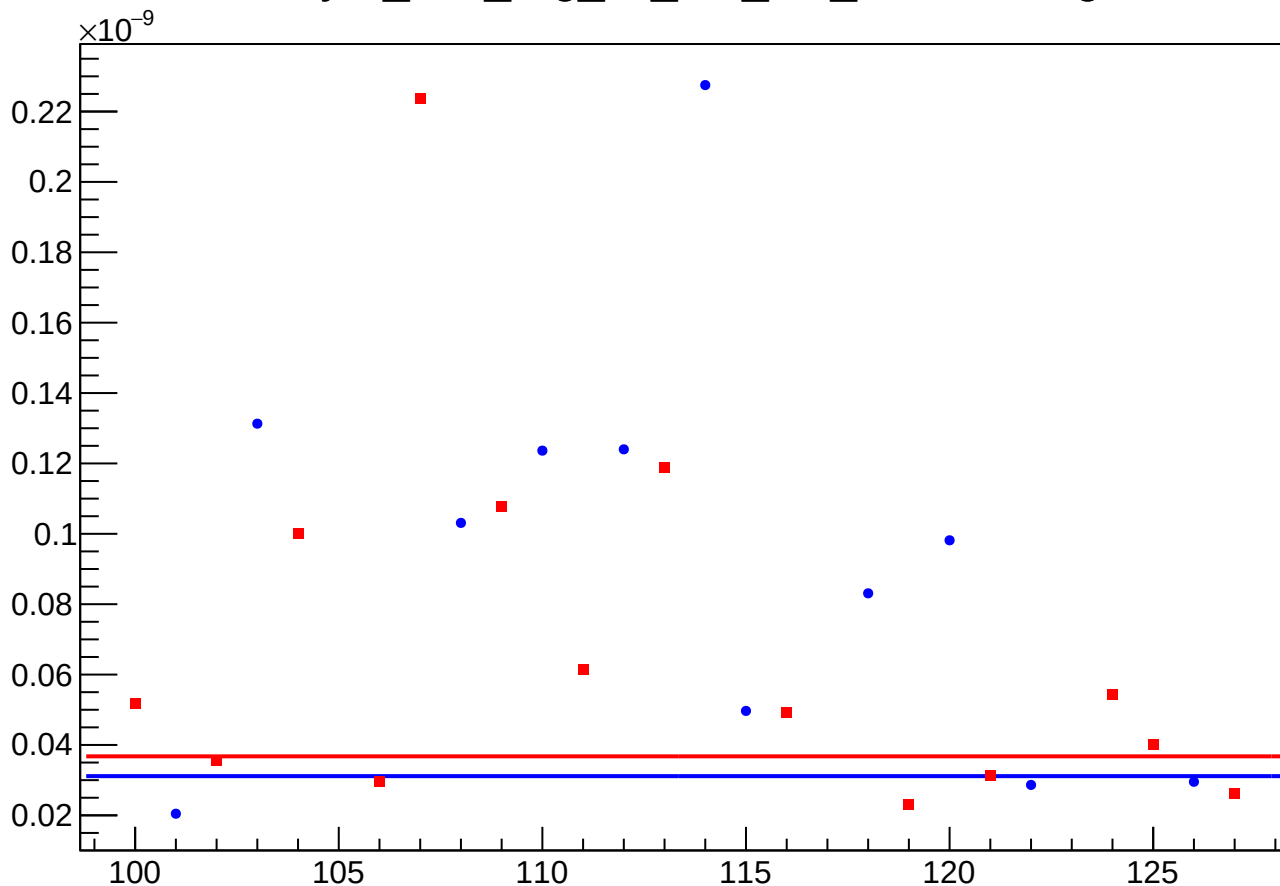
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 18.9/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl1_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 1552438.1/10

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

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 912505.8/13

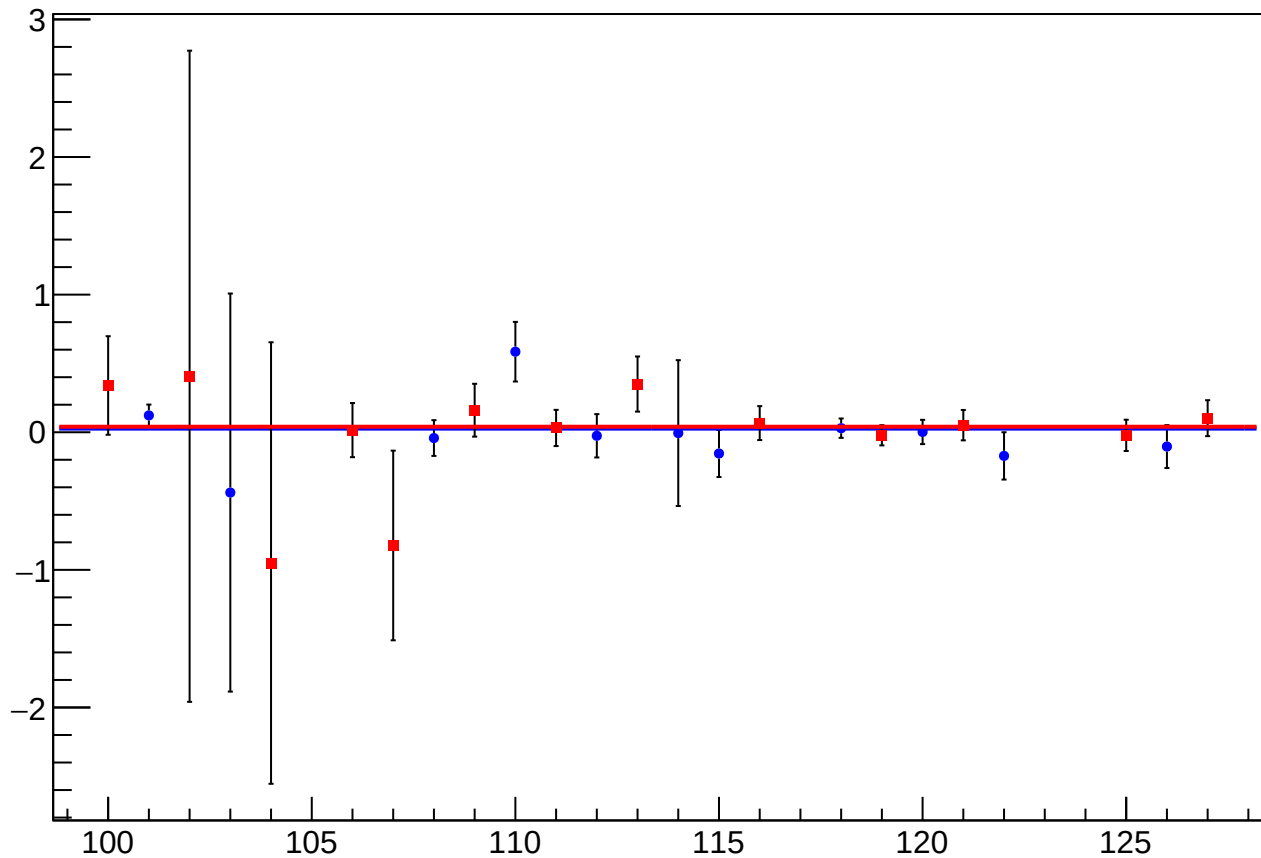
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2/NDF : 2502403.4/24

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

asym_atl1_dit_vs_cor_diff_mean vs Slug



Right In: 0.027 $\pm$ 0.037 χ^2 /NDF: 11.9/10

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

Right Out: 0.040 $\pm$ 0.040 χ^2 /NDF: 6.8/12

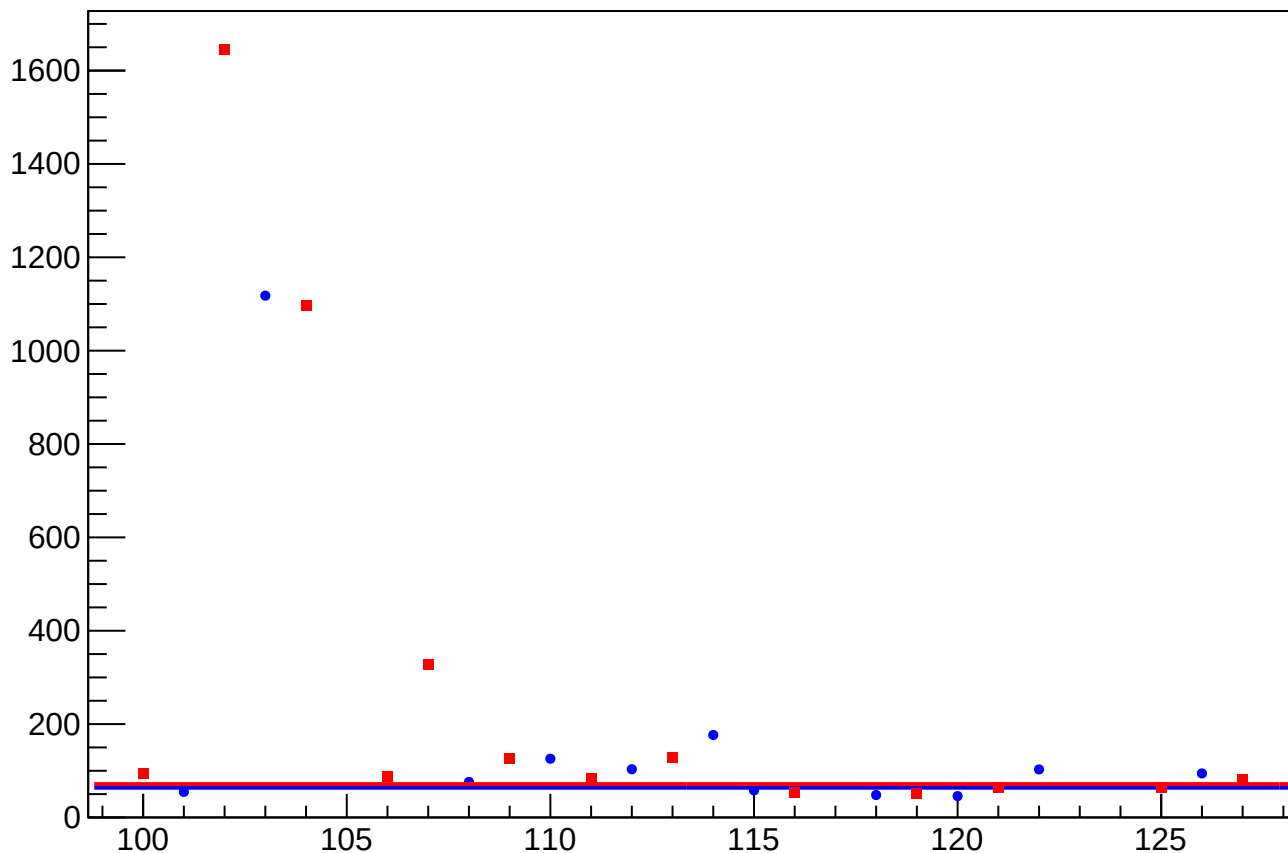
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.033 $\pm$ 0.027 χ^2 /NDF: 18.7/23

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

asym_atl1_dit_vs_cor_diff_rms vs Slug



Right In: 63.744+/-0.026 χ^2/NDF : 1852920.0/10

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

Right Out: 71.441+/-0.029 χ^2/NDF : 2554179.4/12

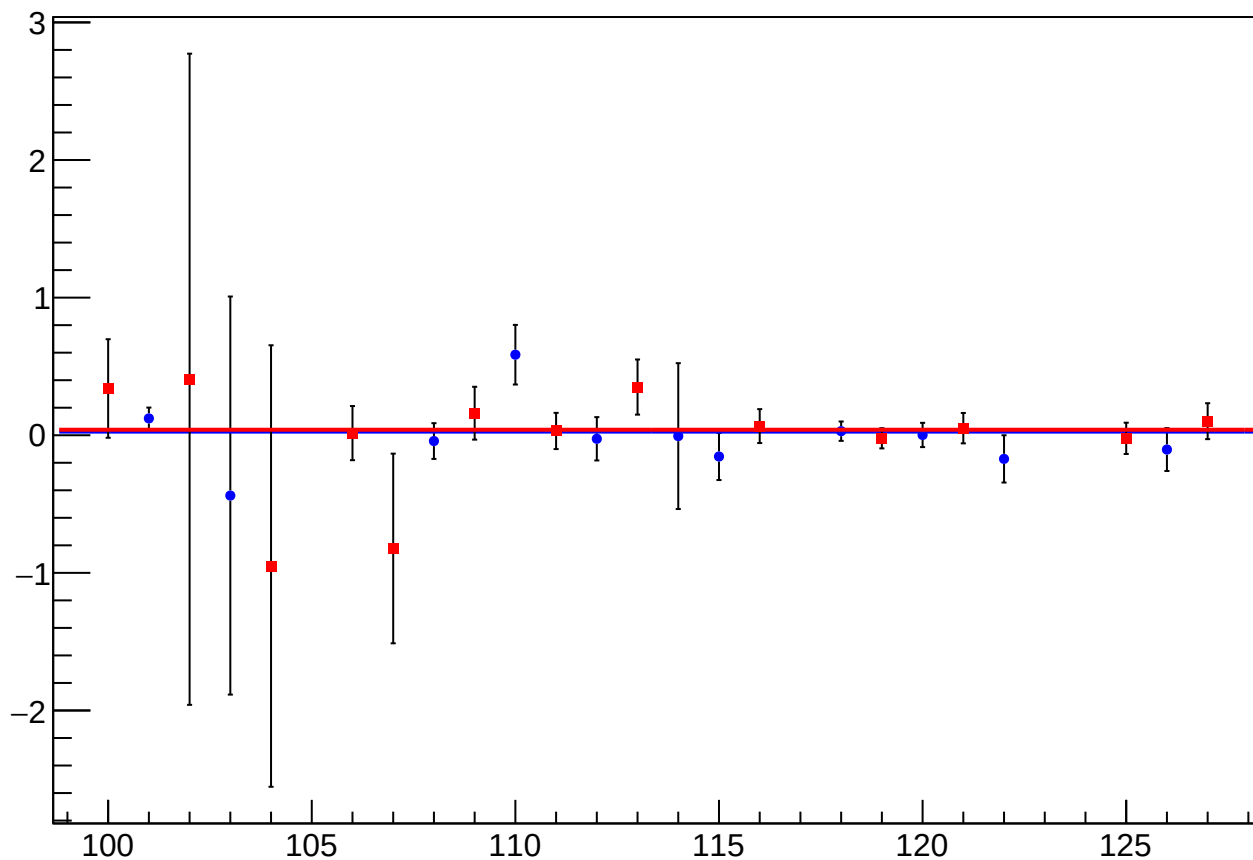
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.275+/-0.019 χ^2/NDF : 4446570.5/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.027+/-0.037 χ^2/NDF : 11.9/10

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

Right Out: 0.040+/-0.040 χ^2/NDF : 6.8/12

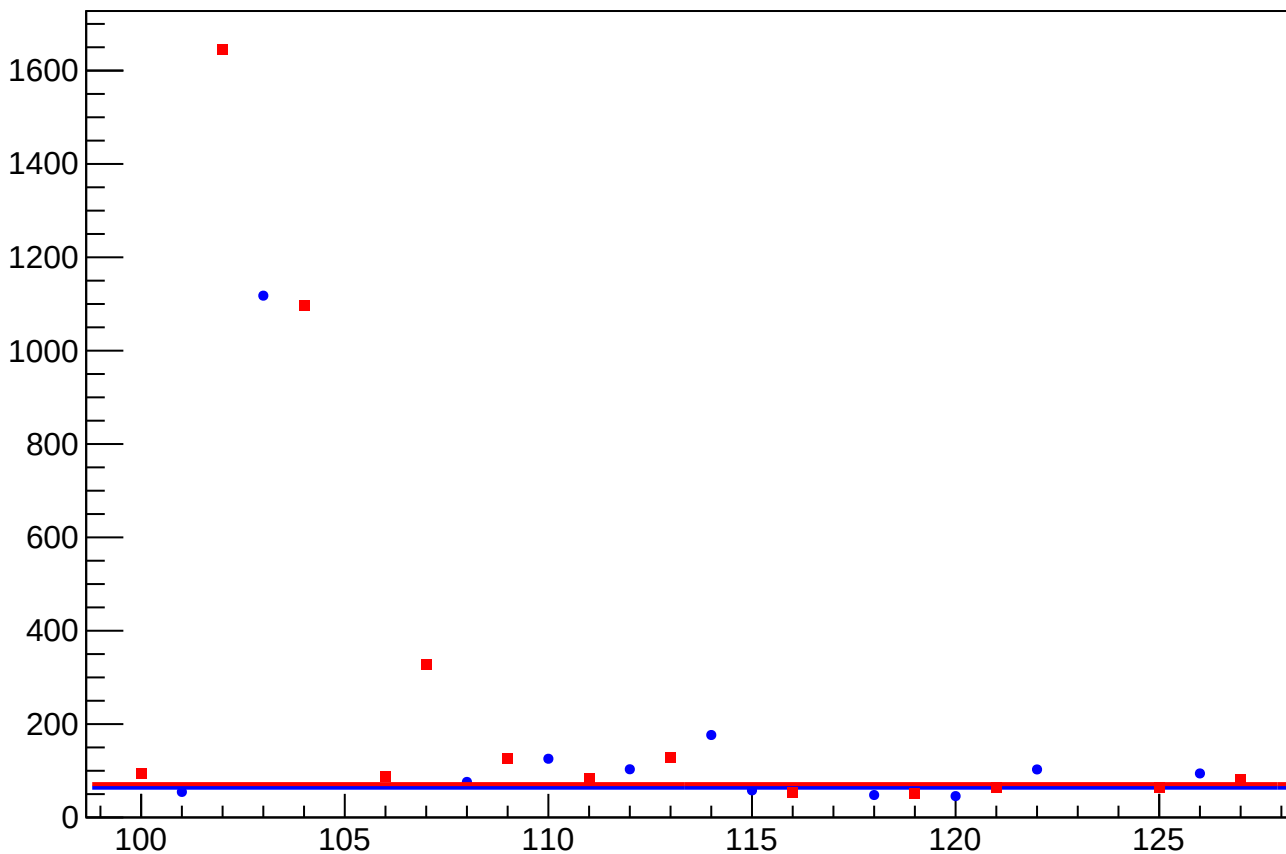
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.033+/-0.027 χ^2/NDF : 18.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 63.744+/-0.026 χ^2/NDF : 1852920.0/10

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

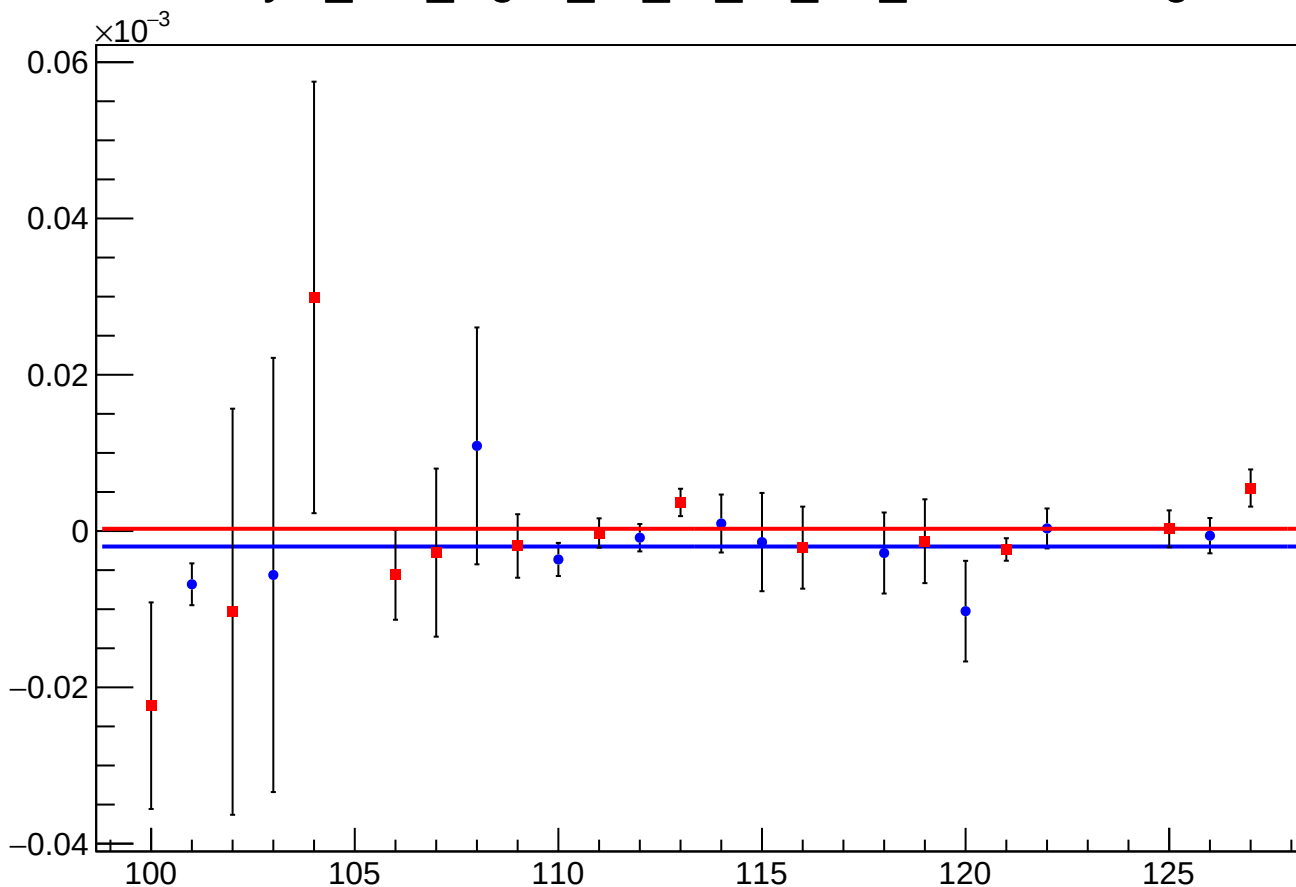
Right Out: 71.441+/-0.029 χ^2/NDF : 2554179.4/12

All: 67.275+/-0.019 χ^2/NDF : 4446570.5/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 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 : 8.5/10

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

Right Out: 0.000 ± 0.000 χ^2/NDF : 17.9/12

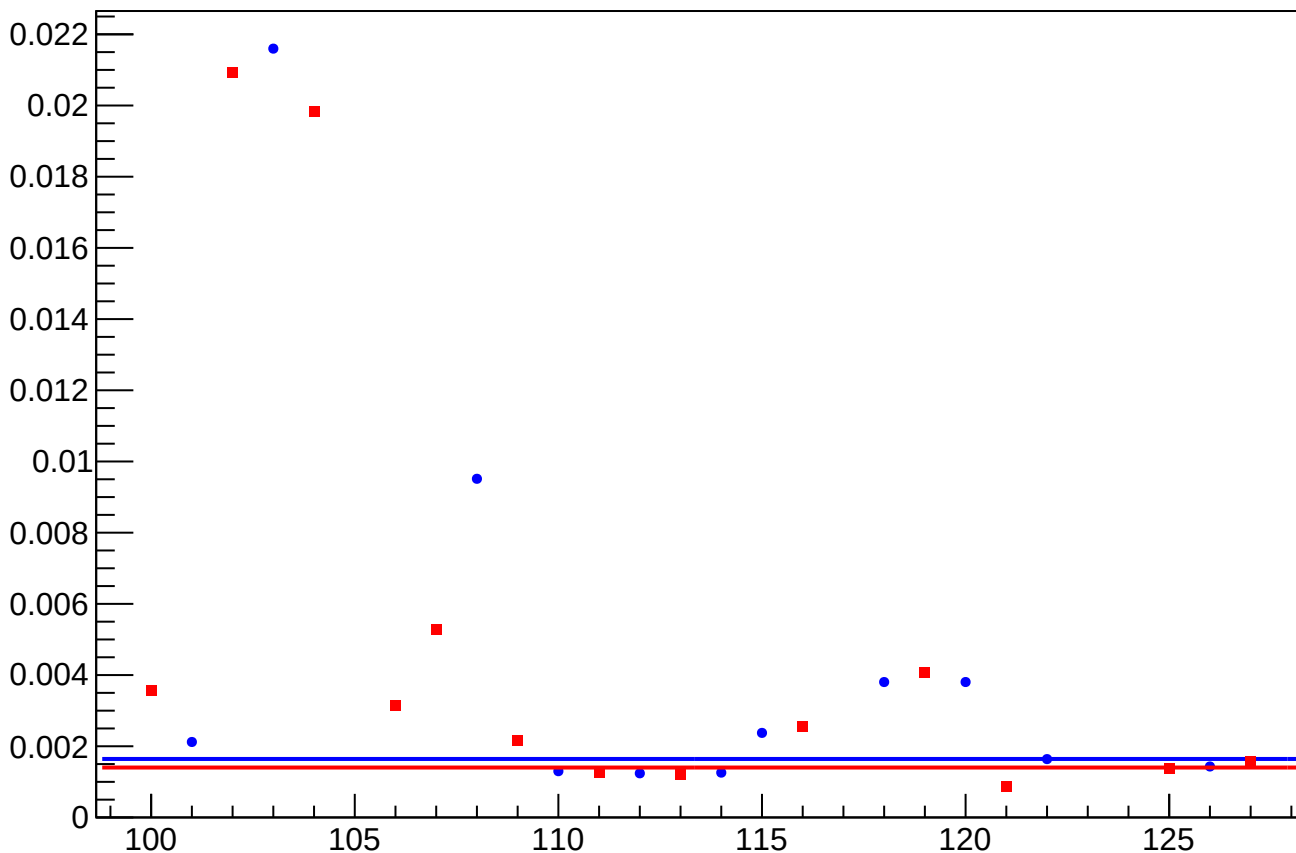
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 30.0/23

- 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 : 2432021.4/10

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

Right Out: 0.001+/-0.000 χ^2/NDF : 3486041.7/12

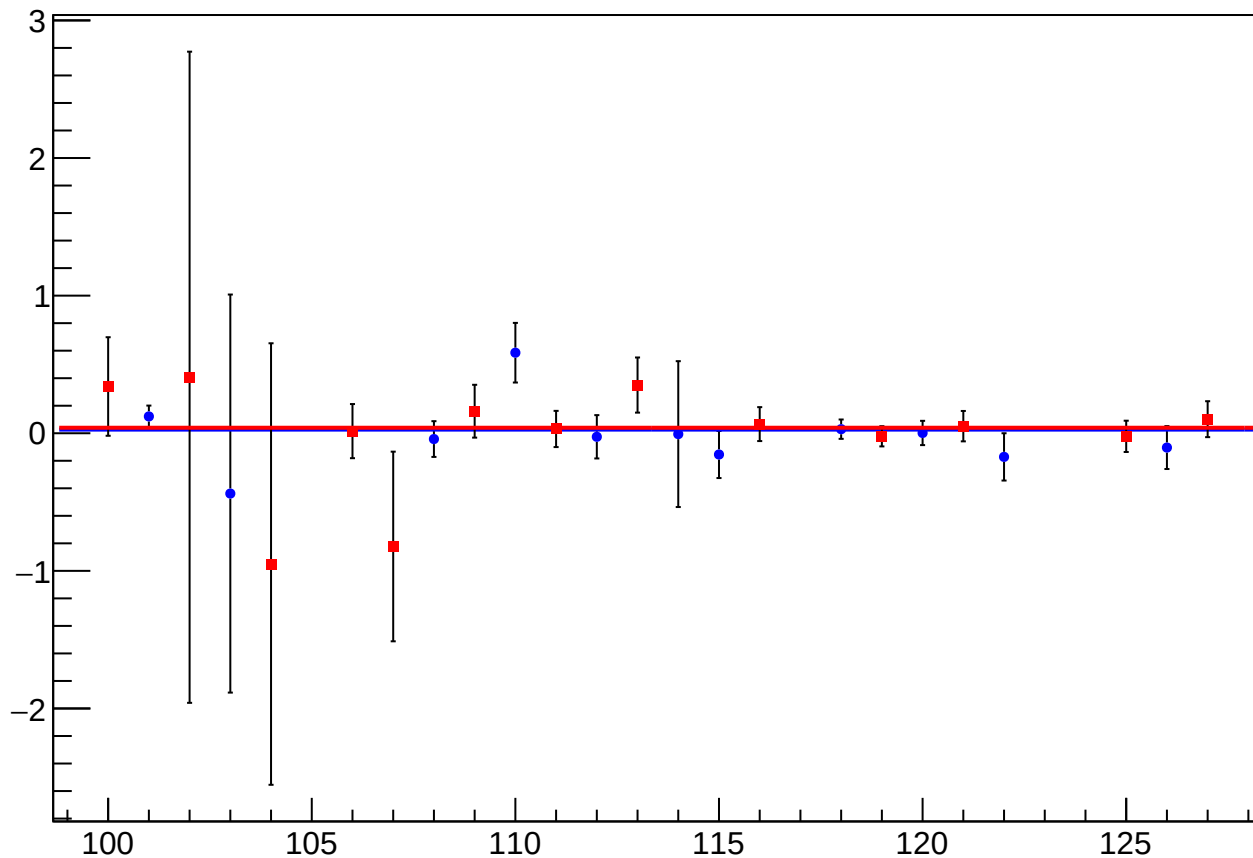
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5998355.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.027 $\pm$ 0.037 χ^2 /NDF: 11.9/10

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

Right Out: 0.040 $\pm$ 0.040 χ^2 /NDF: 6.8/12

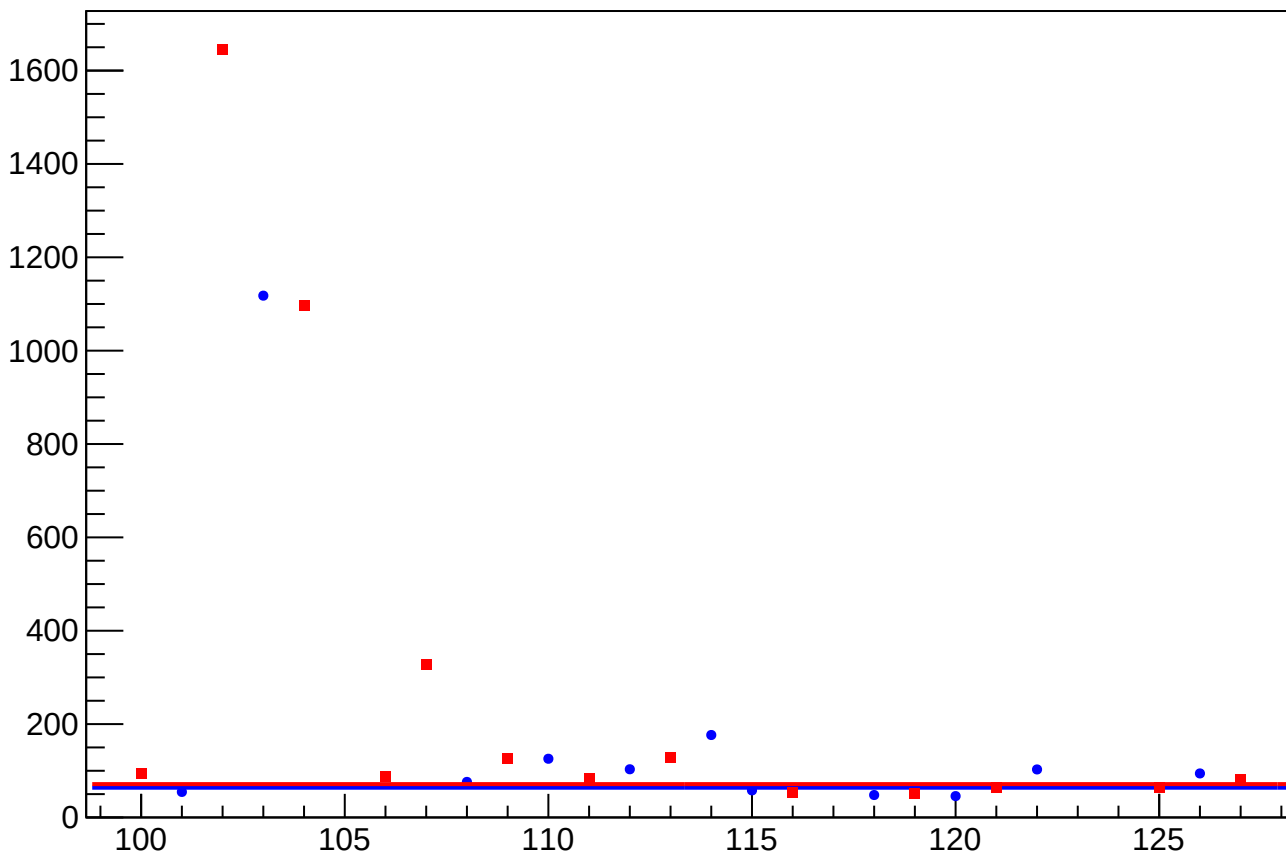
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.033 $\pm$ 0.027 χ^2 /NDF: 18.7/23

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

asym_atl1_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 63.743+/-0.026 χ^2/NDF : 1852988.0/10

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

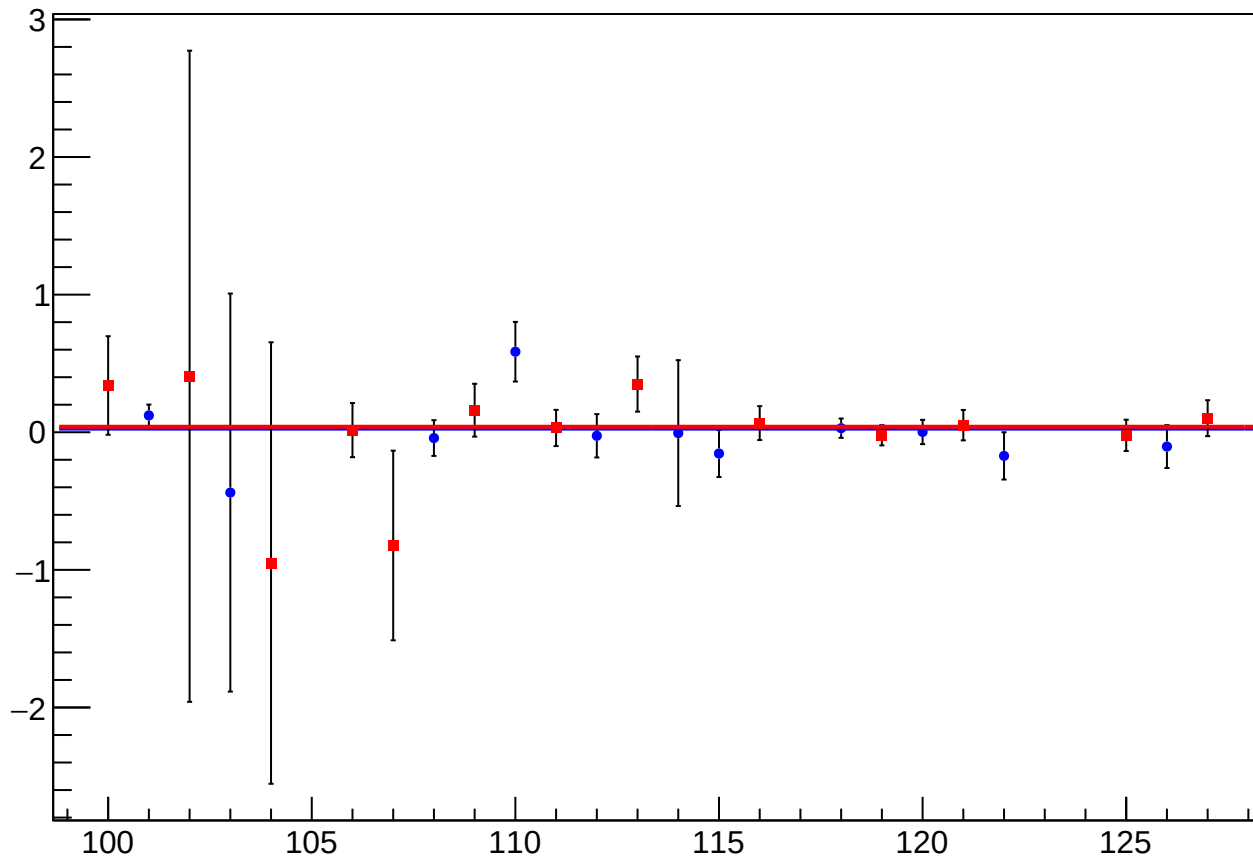
Right Out: 71.440+/-0.029 χ^2/NDF : 2554199.7/12

All: 67.274+/-0.019 χ^2/NDF : 4446664.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_atl1_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.027 $\pm$ 0.037 χ^2 /NDF: 11.9/10

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

Right Out: 0.040 $\pm$ 0.040 χ^2 /NDF: 6.8/12

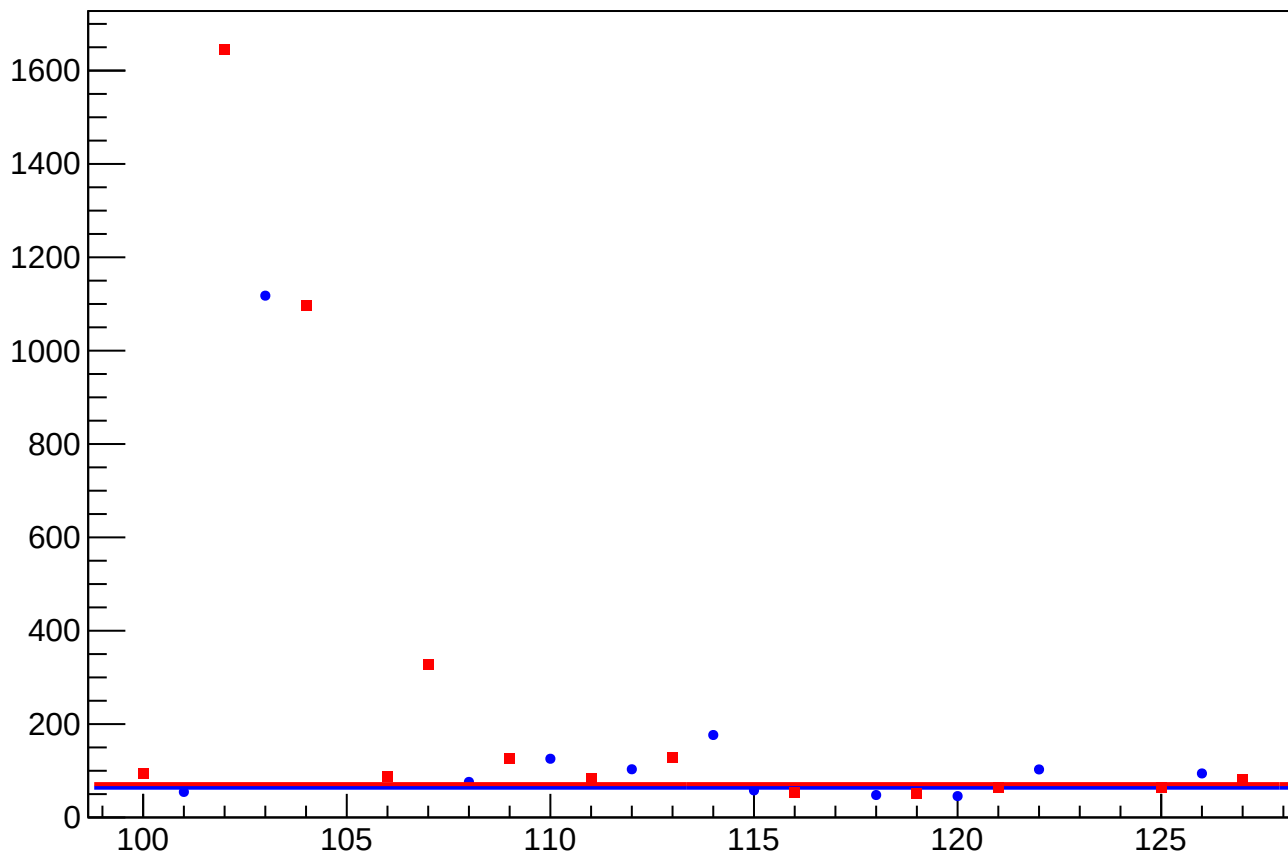
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.033 $\pm$ 0.027 χ^2 /NDF: 18.7/23

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

asym_atl1_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 63.743+/-0.026 χ^2/NDF : 1852988.0/10

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

Right Out: 71.440+/-0.029 χ^2/NDF : 2554199.7/12

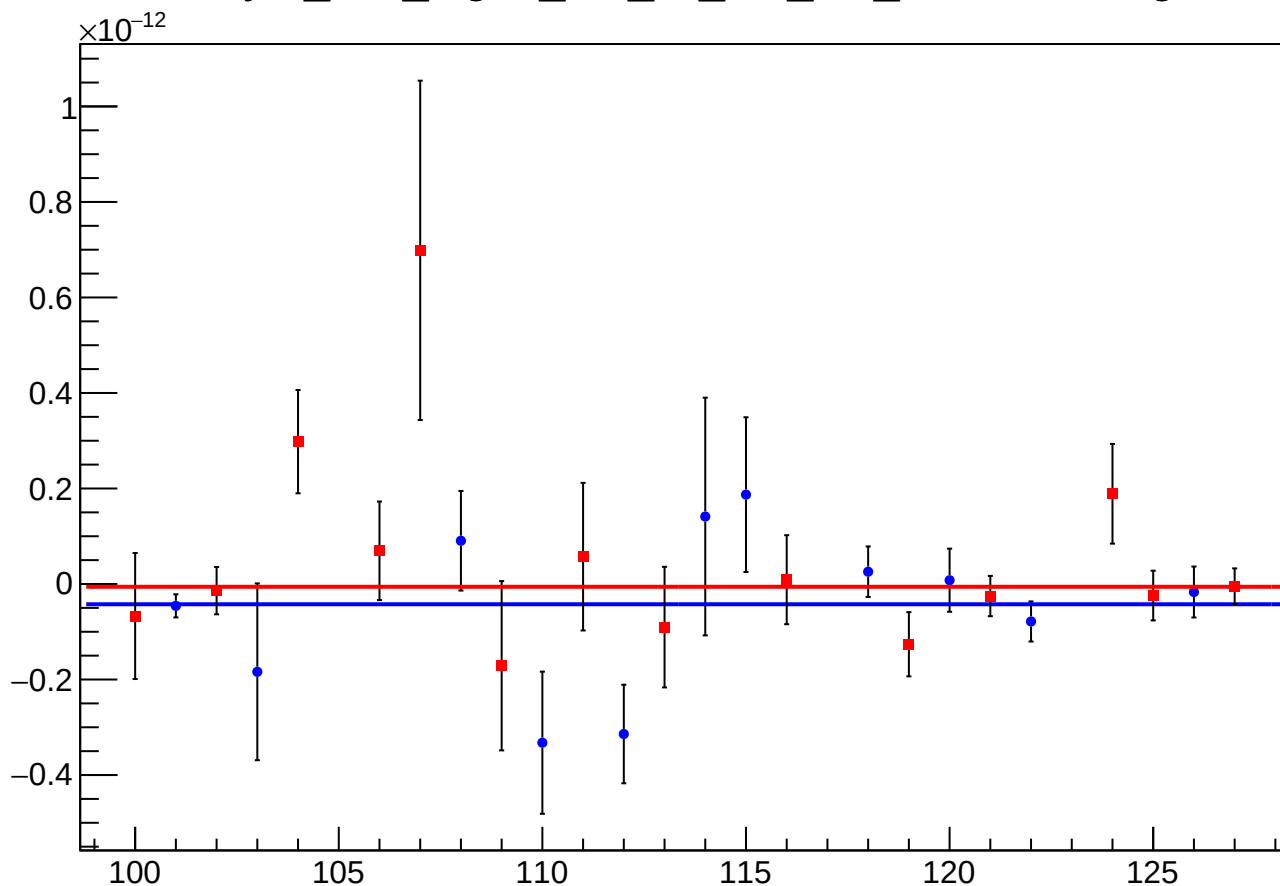
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.274+/-0.019 χ^2/NDF : 4446664.7/23

- 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 $\pm$ 0.000 χ^2 /NDF: 18.7/10

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 21.1/13

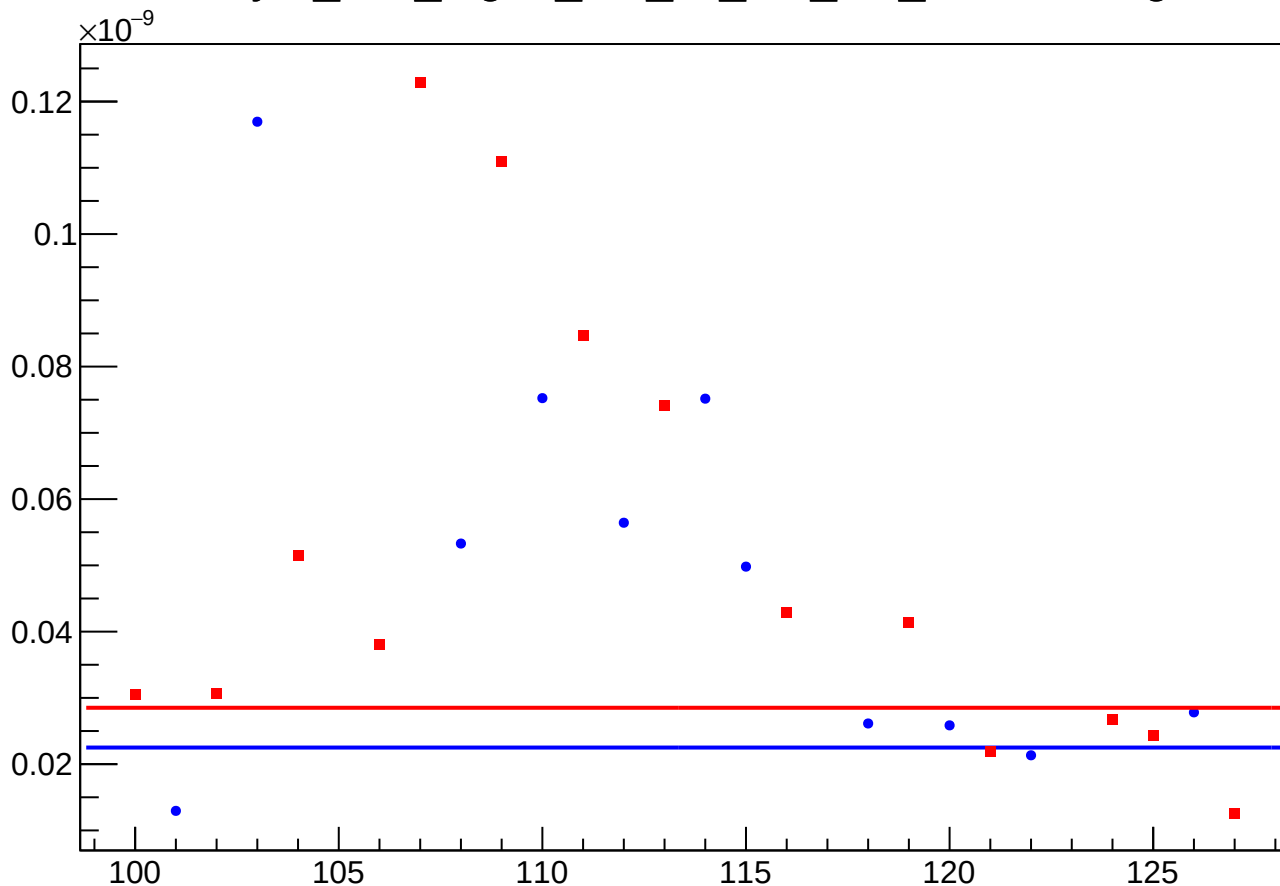
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 42.0/24

- sign 0.000 $\pm$ 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 : 1656356.6/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1760576.2/13

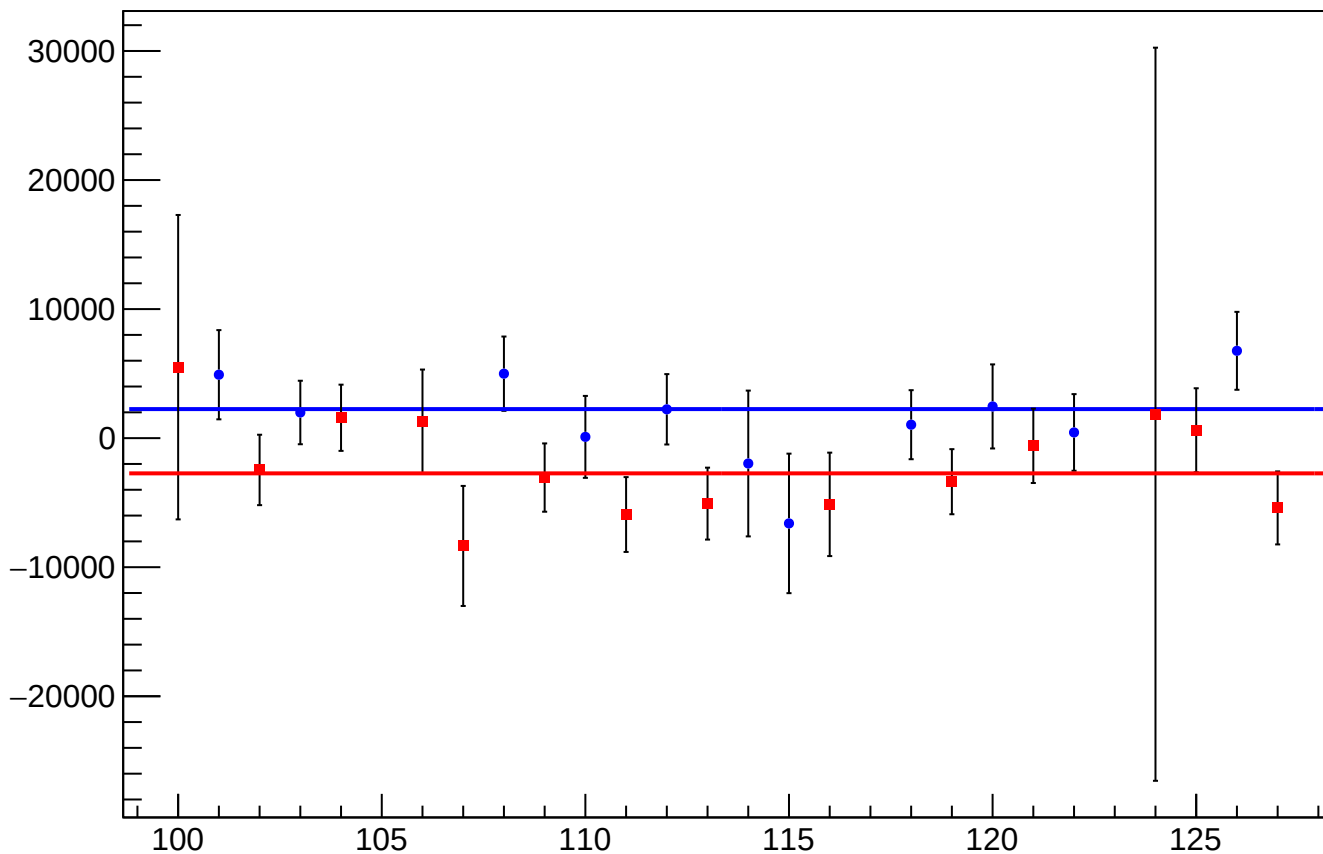
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3530936.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_mean vs Slug



Right In: 2251.123+/-942.356 χ^2/NDF : 8.0/10

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

Right Out: -2729.171+/-859.971 χ^2/NDF : 10.6/13

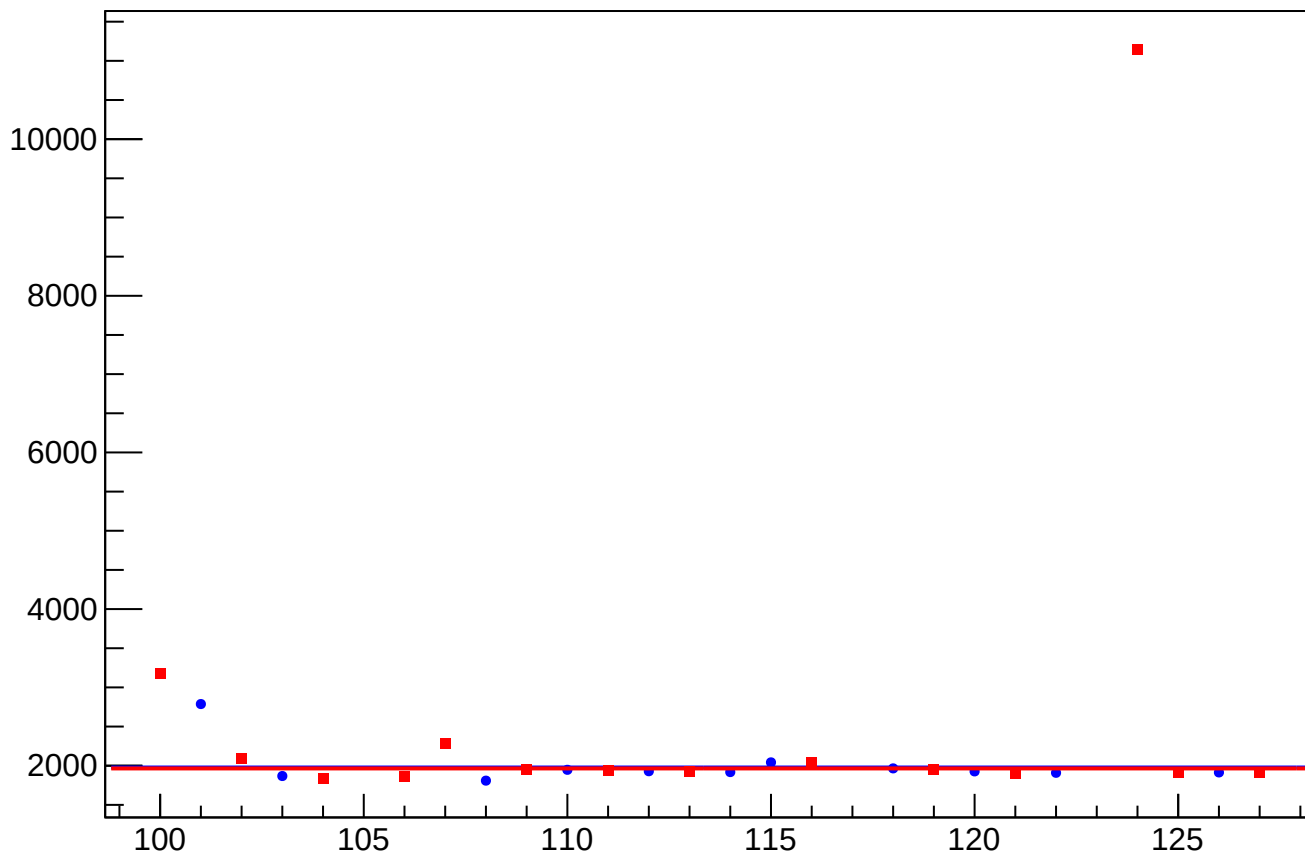
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -466.201+/-635.224 χ^2/NDF : 33.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_rms vs Slug



Right In: 1977.055+/-0.666 χ^2/NDF : 124274.5/10

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

Right Out: 1965.252+/-0.608 χ^2/NDF : 253684.3/13

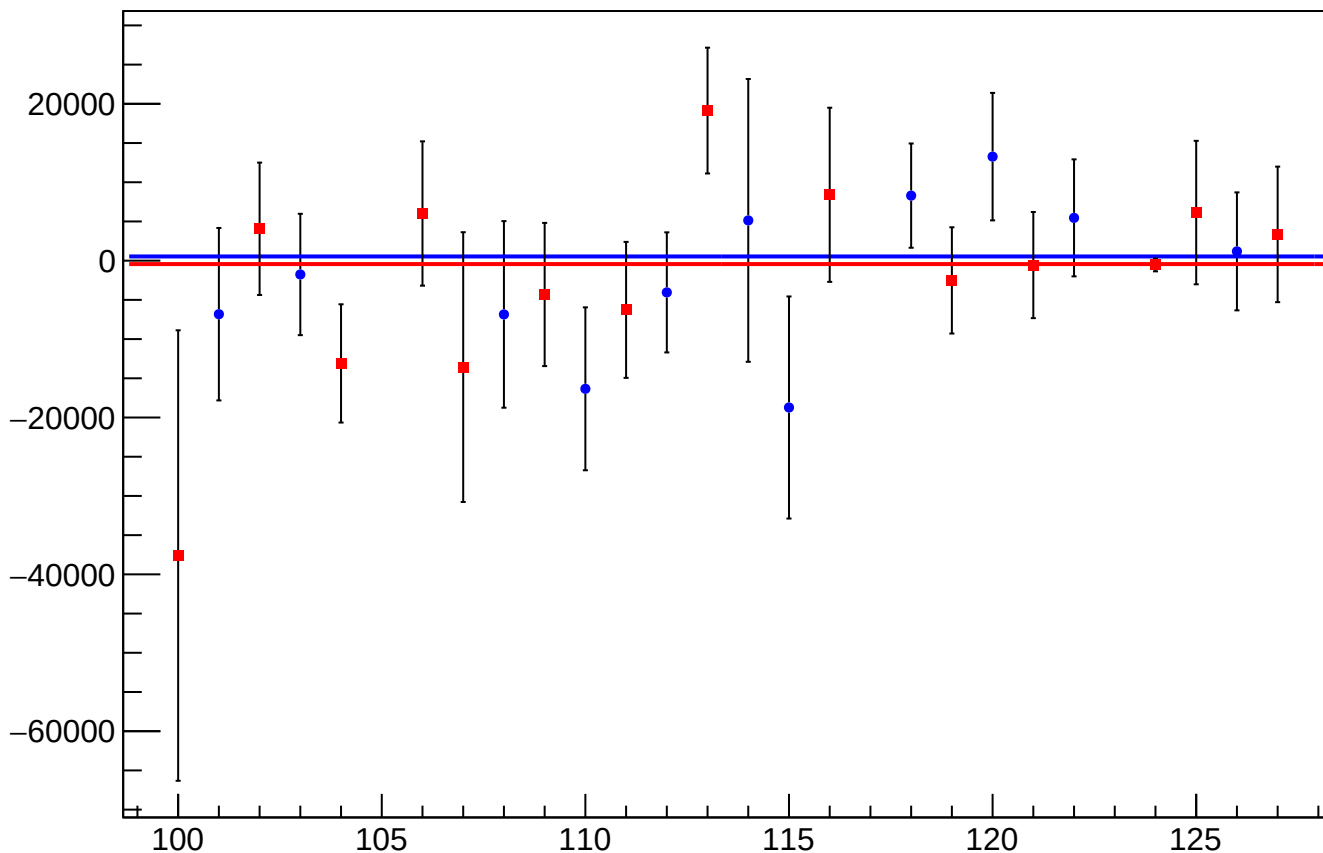
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1970.615+/-0.449 χ^2/NDF : 378130.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_reg_correction_mean vs Slug



Right In: 537.369 $\pm$ 2674.255 χ^2 /NDF: 10.1/10

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

Right Out: -434.873 $\pm$ 777.729 χ^2 /NDF: 13.9/13

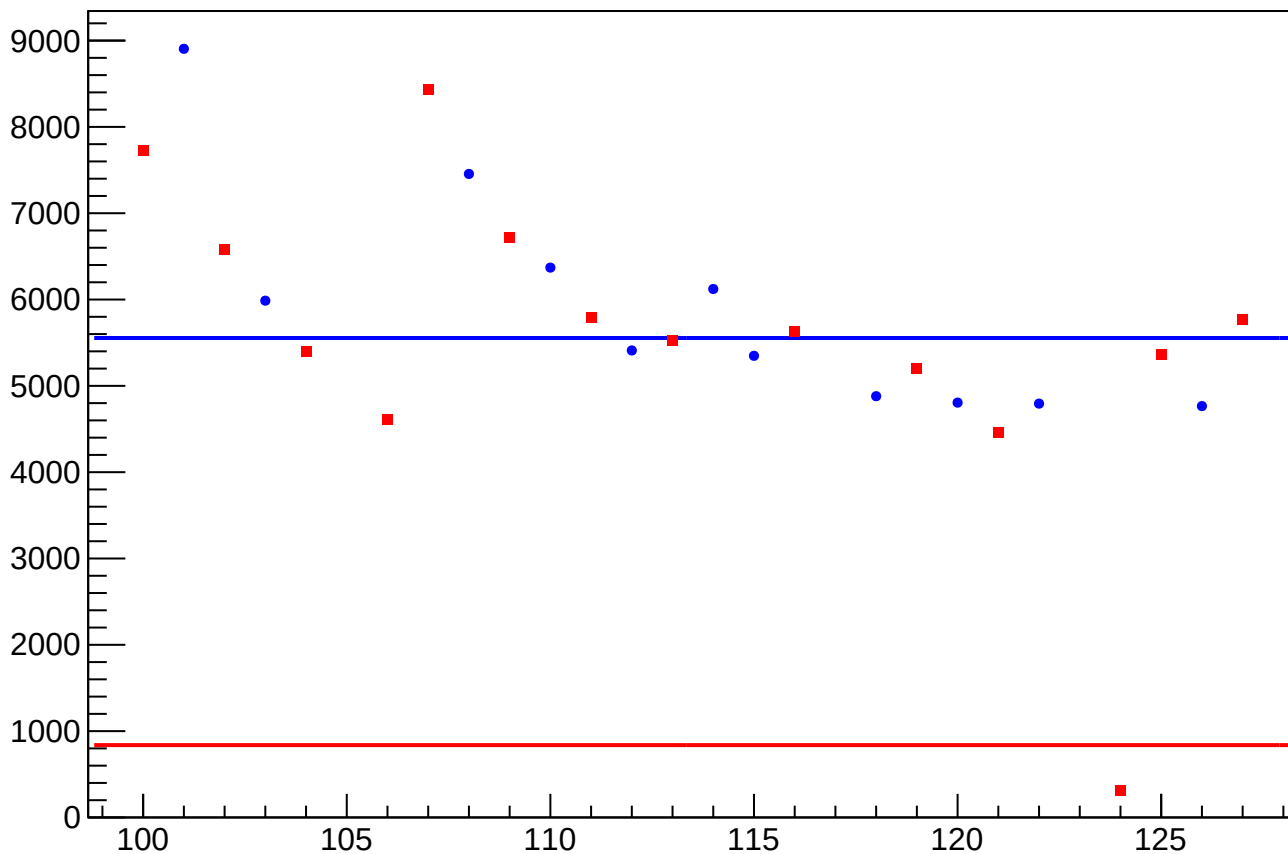
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -359.056 $\pm$ 746.789 χ^2 /NDF: 24.1/24

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

asym_atl2_reg_correction_rms vs Slug



Right In: 5554.421+/-1.891 χ^2/NDF : 338700.3/10

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

Right Out: 838.121+/-0.550 χ^2/NDF : 8401940.2/13

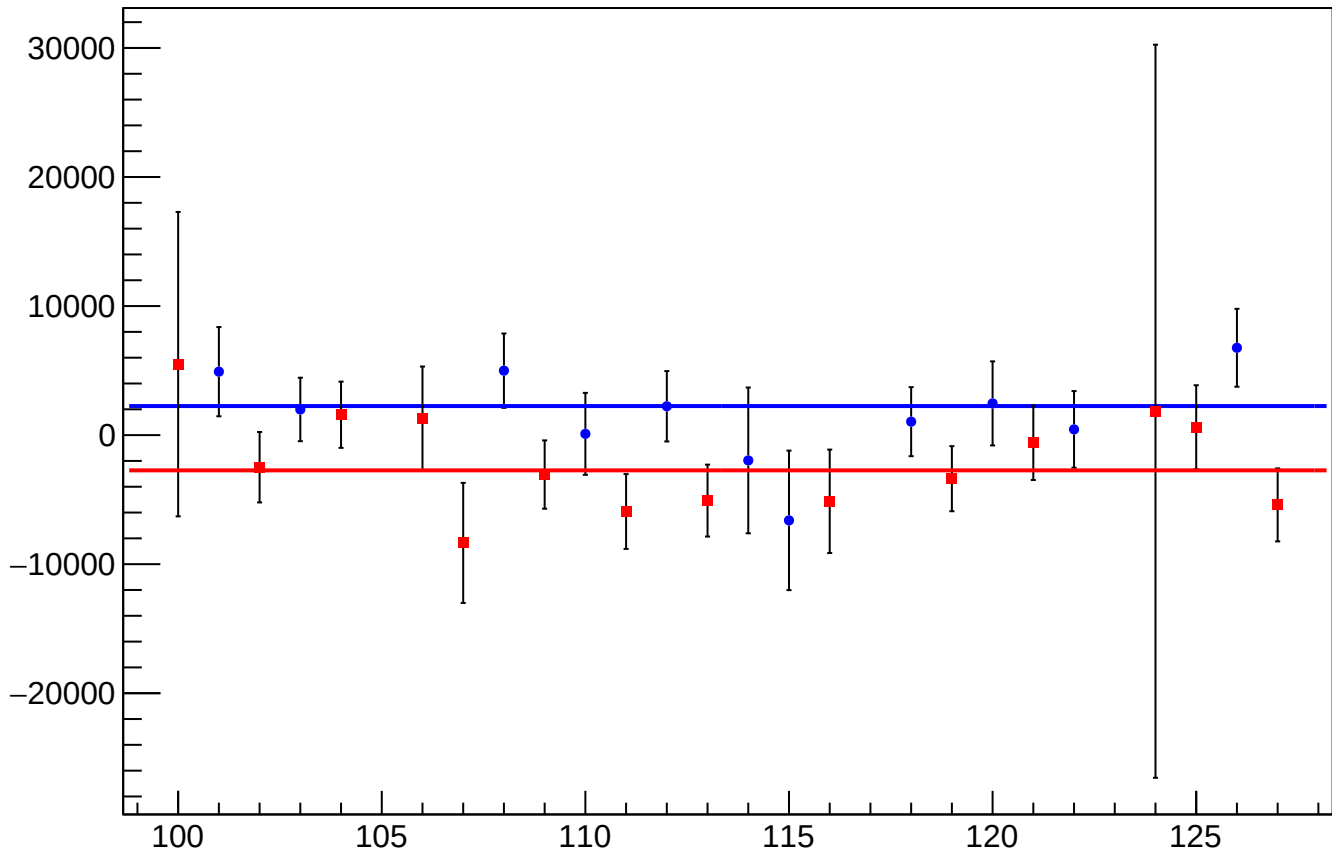
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1205.904+/-0.528 χ^2/NDF : 14476081.8/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl2_mean vs Slug



Right In: 2251.389+/-942.356 χ^2/NDF : 8.0/10

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

Right Out: -2731.528+/-859.982 χ^2/NDF : 10.6/13

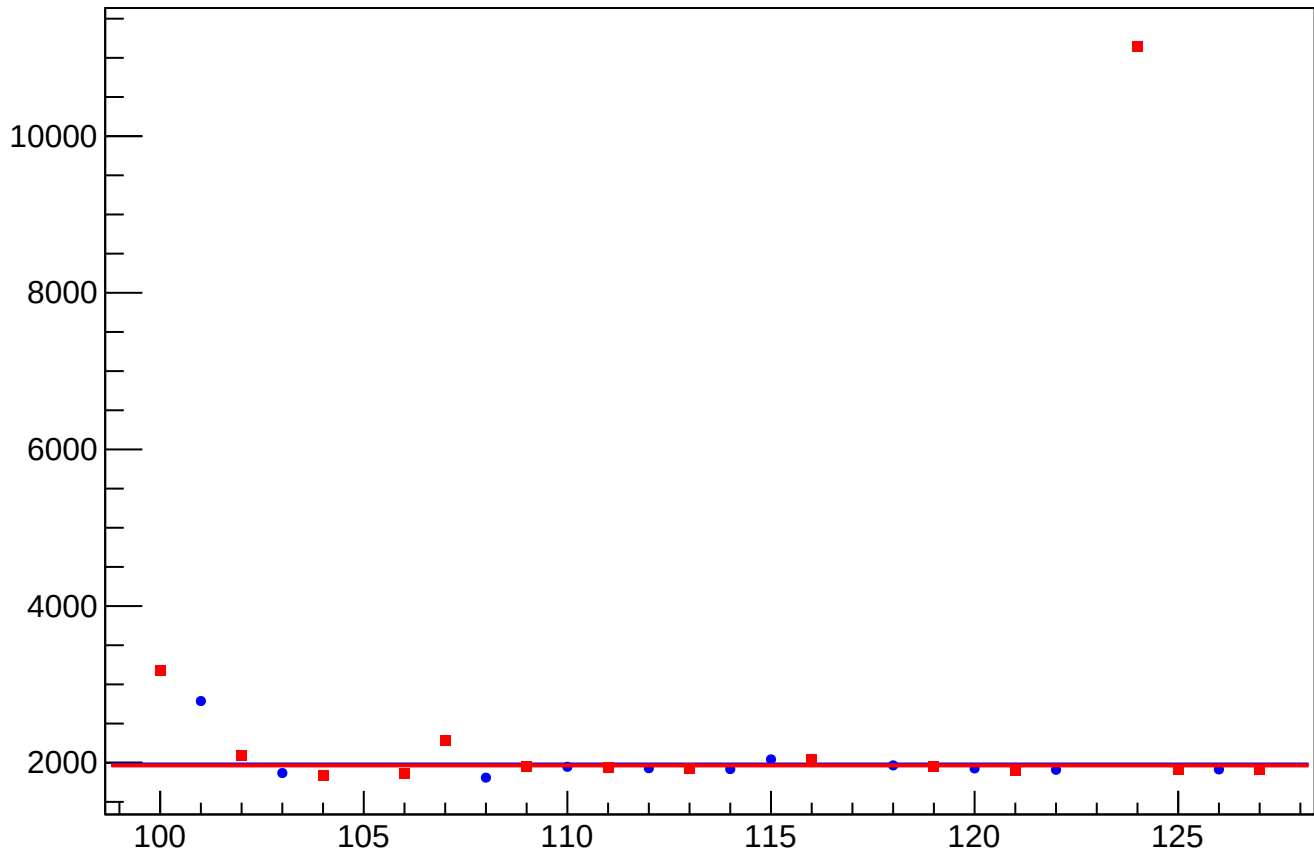
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -467.334+/-635.228 χ^2/NDF : 33.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl2_rms vs Slug



Right In: 1977.054+/-0.666 χ^2/NDF : 124274.2/10

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

Right Out: 1965.278+/-0.608 χ^2/NDF : 253704.2/13

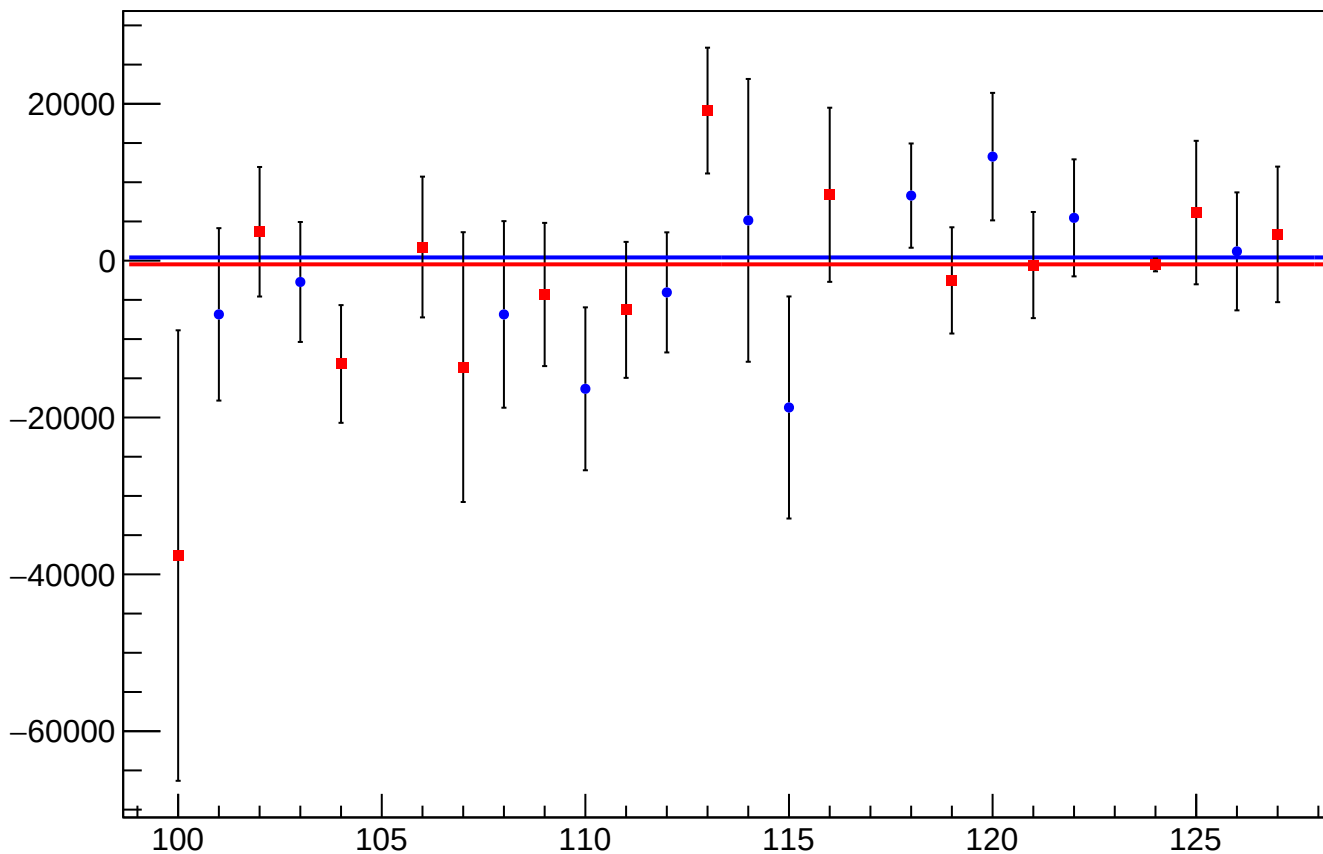
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1970.629+/-0.449 χ^2/NDF : 378148.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_cor_correction_mean vs Slug



Right In: 412.933 $\pm$ 2670.454 χ^2 /NDF: 10.2/10

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

Right Out: -469.057 $\pm$ 777.376 χ^2 /NDF: 13.5/13

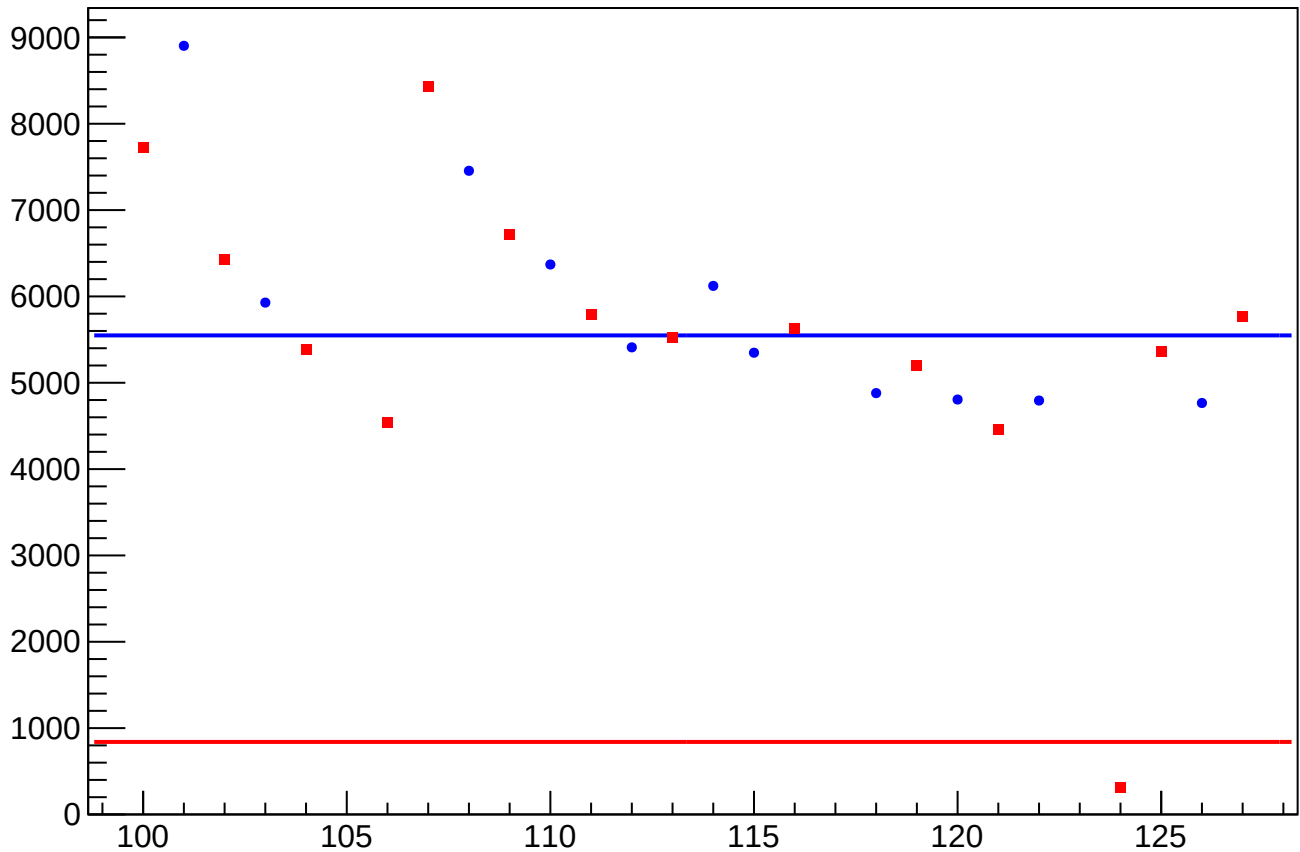
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -400.155 $\pm$ 746.394 χ^2 /NDF: 23.8/24

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

asym_atl2_cor_correction_rms vs Slug



Right In: 5548.463+/-1.888 χ^2/NDF : 337085.0/10

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

Right Out: 840.023+/-0.550 χ^2/NDF : 8399857.4/13

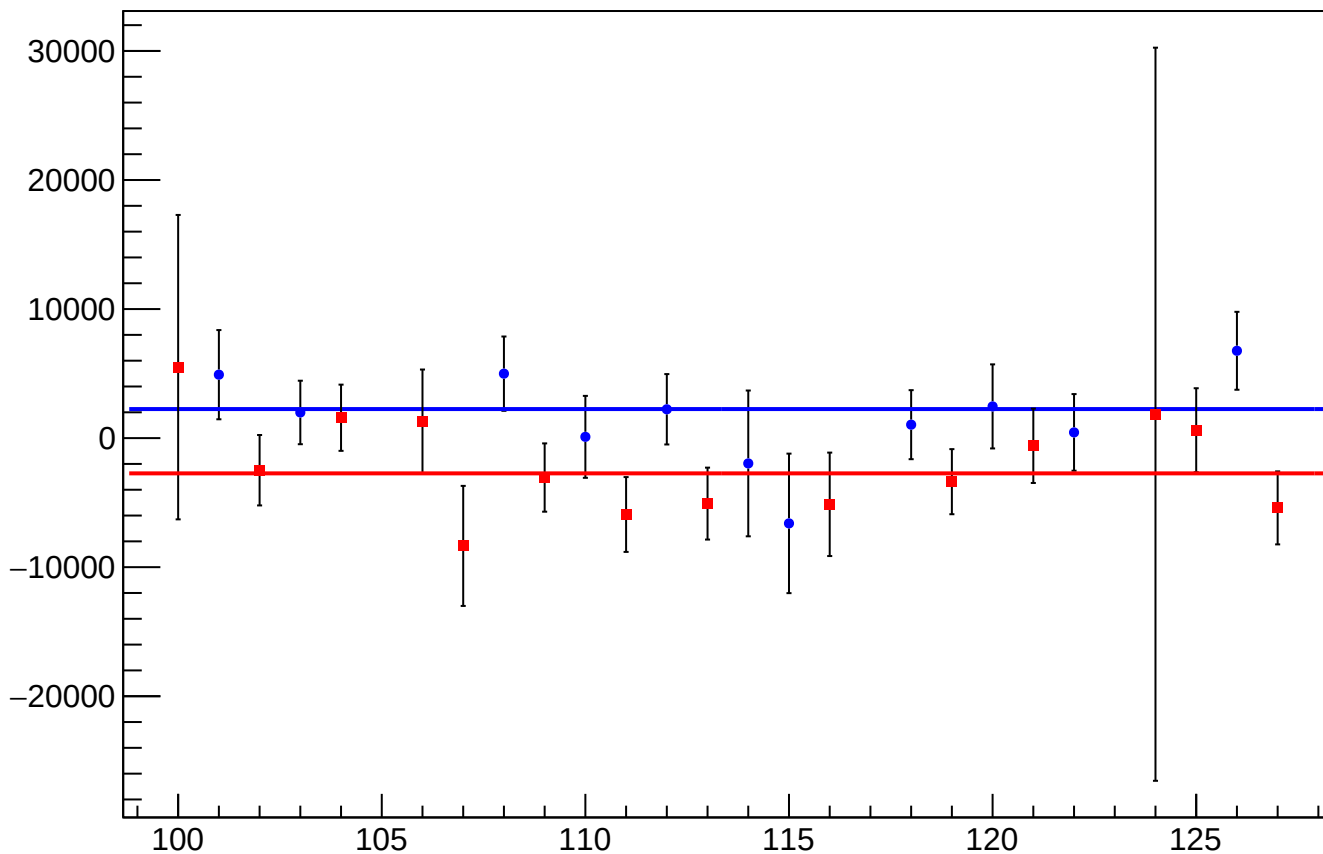
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1207.850+/-0.528 χ^2/NDF : 14468700.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl2_mean vs Slug



Right In: 2251.389+/-942.356 χ^2/NDF : 8.0/10

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

Right Out: -2731.528+/-859.982 χ^2/NDF : 10.6/13

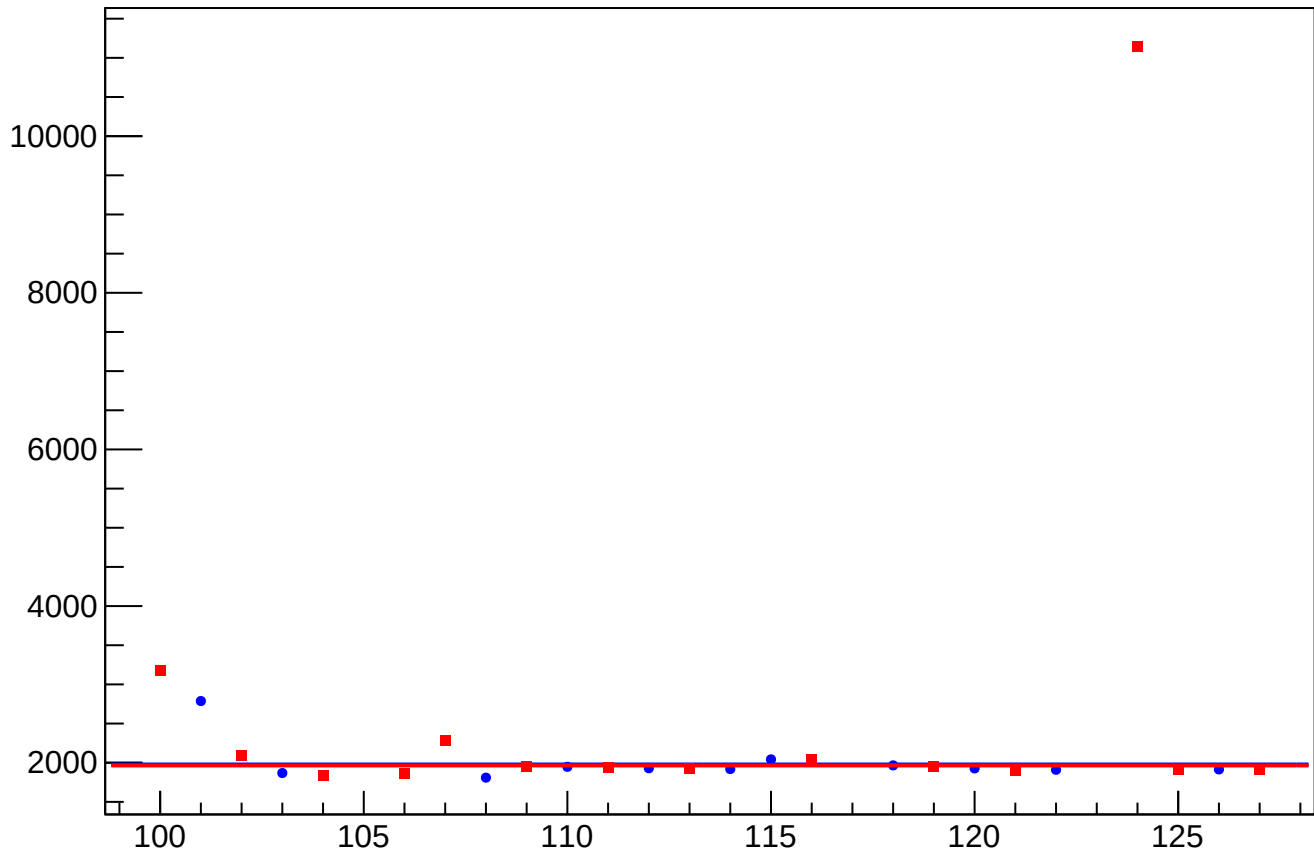
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -467.334+/-635.228 χ^2/NDF : 33.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl2_rms vs Slug



Right In: 1977.054+/-0.666 χ^2/NDF : 124274.2/10

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

Right Out: 1965.278+/-0.608 χ^2/NDF : 253704.2/13

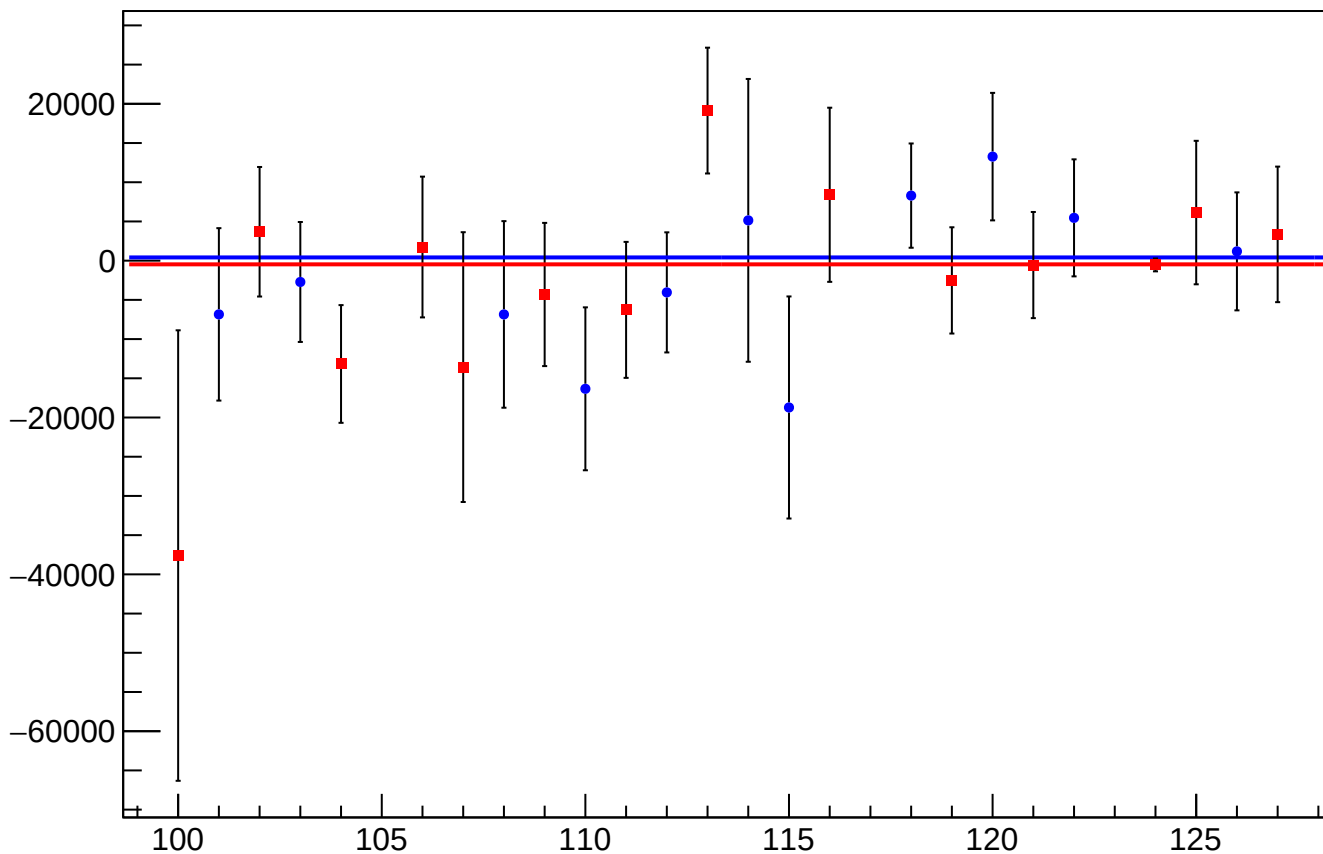
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1970.629+/-0.449 χ^2/NDF : 378148.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_cor_correction_mean vs Slug



Right In: 412.933+/-2670.454 χ^2/NDF : 10.2/10

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

Right Out: -469.057+/-777.376 χ^2/NDF : 13.5/13

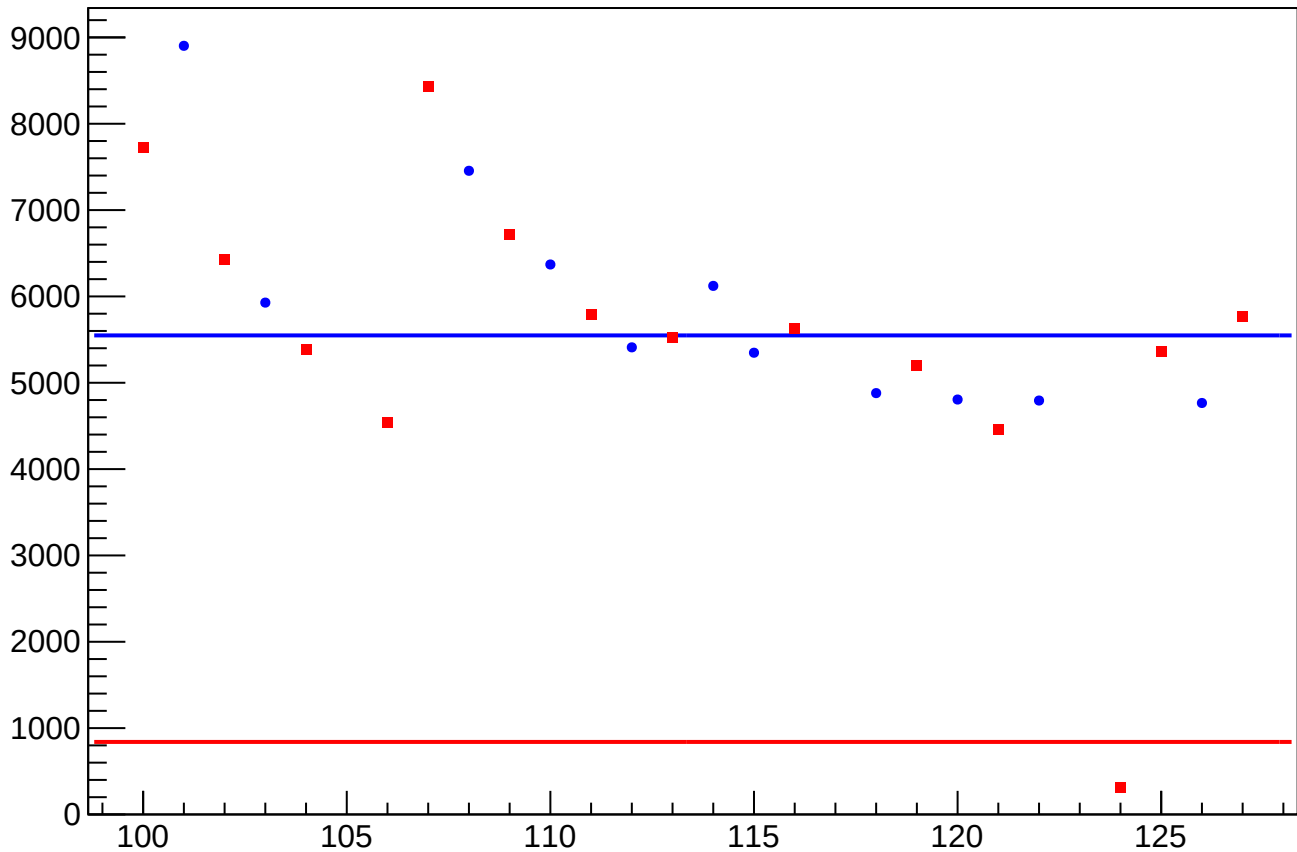
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -400.155+/-746.394 χ^2/NDF : 23.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_cor_correction_rms vs Slug



Right In: 5548.463+/-1.888 χ^2/NDF : 337085.0/10

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

Right Out: 840.023+/-0.550 χ^2/NDF : 8399857.4/13

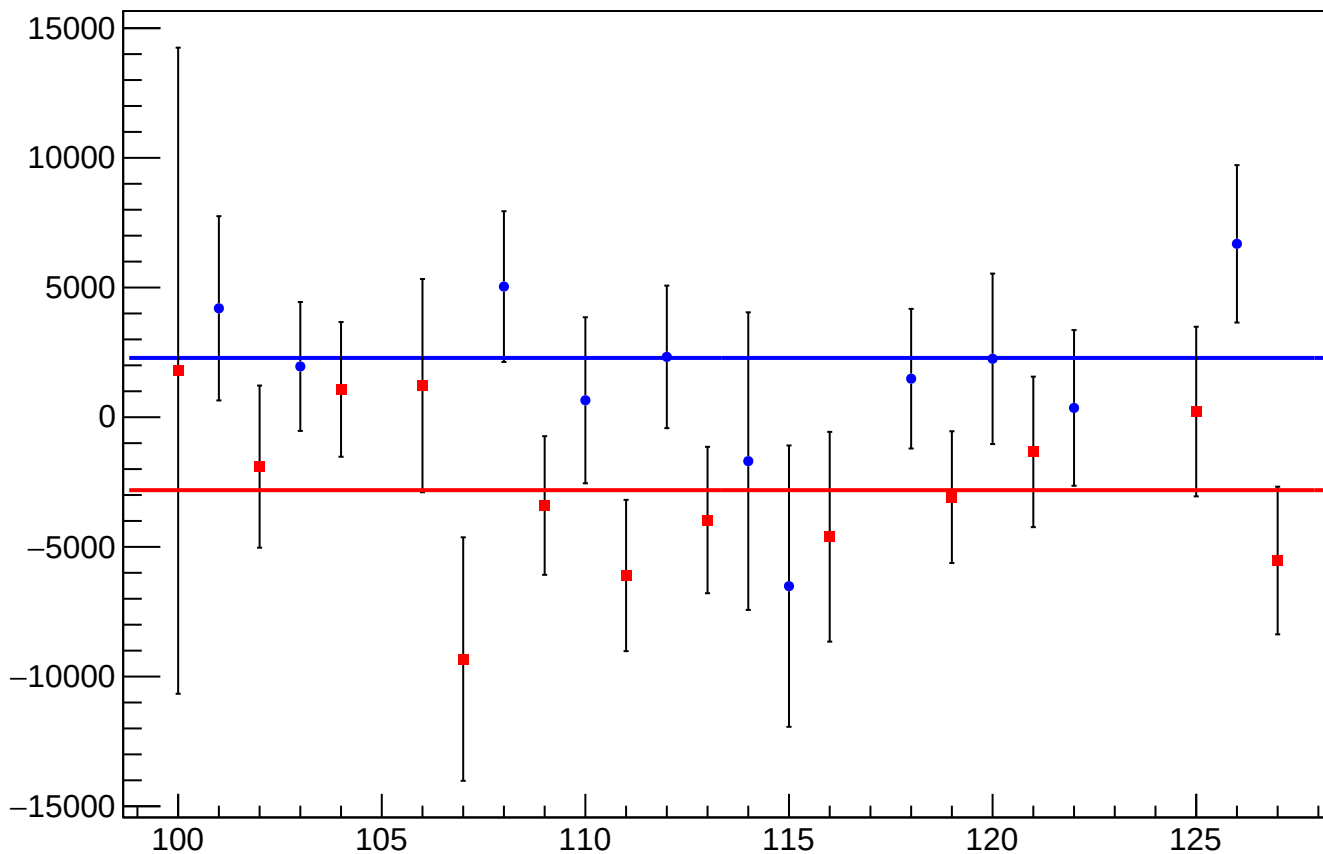
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1207.850+/-0.528 χ^2/NDF : 14468700.1/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl2_mean vs Slug



Right In: 2285.711+/-951.749 χ^2/NDF : 7.2/10

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

Right Out: -2813.010+/-878.167 χ^2/NDF : 9.1/12

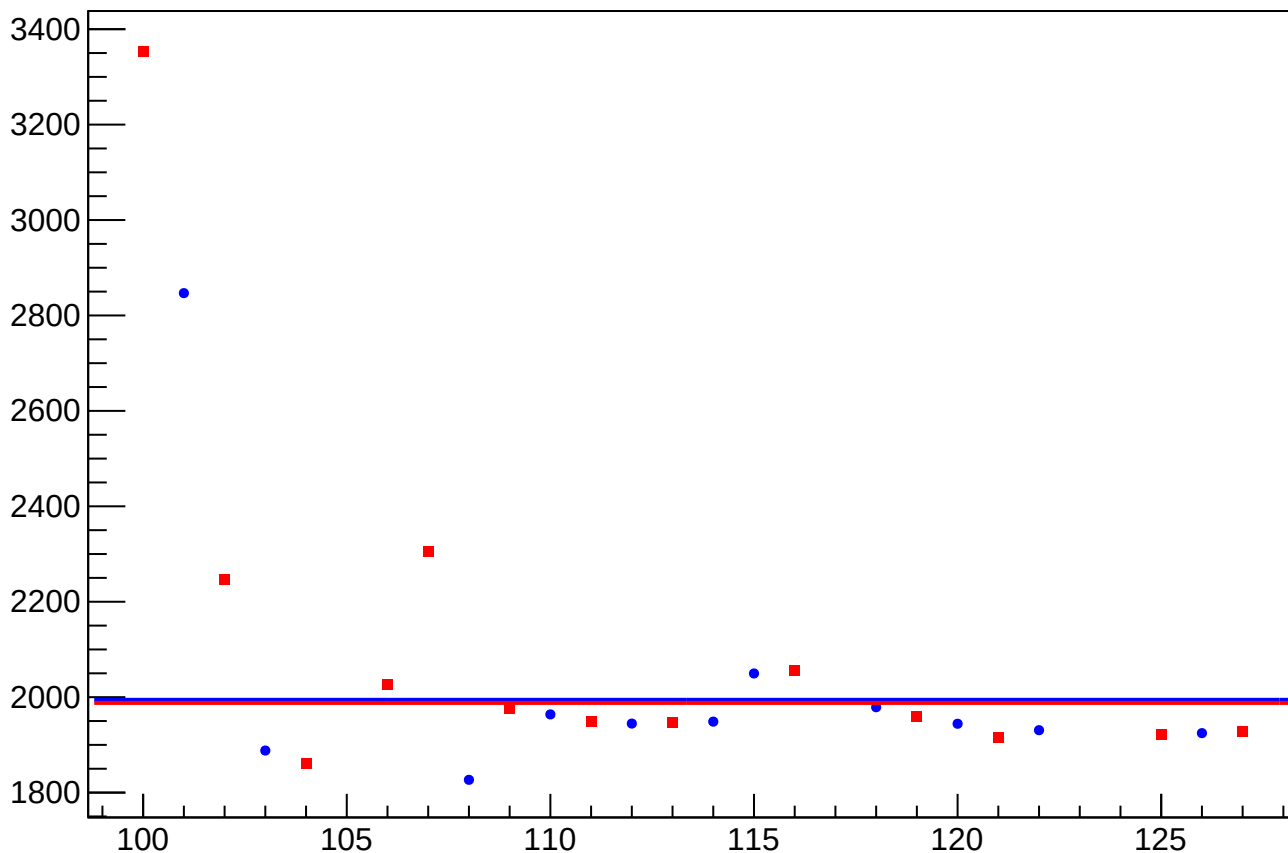
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -468.340+/-645.405 χ^2/NDF : 31.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl2_rms vs Slug



Right In: 1994.436+/-0.673 χ^2/NDF : 129124.2/10

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

Right Out: 1987.960+/-0.620 χ^2/NDF : 56401.5/12

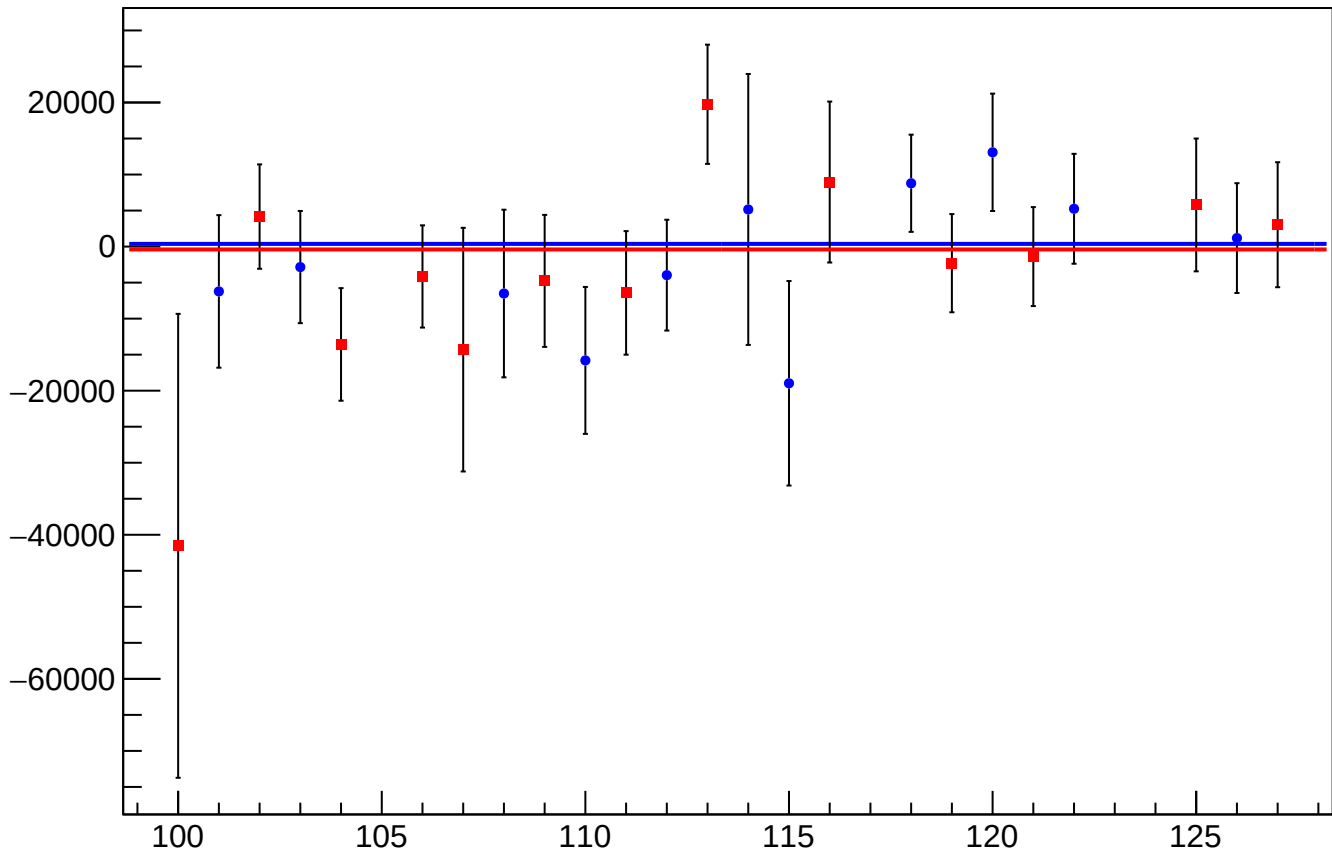
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1990.932+/-0.456 χ^2/NDF : 185575.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_dit_correction_mean vs Slug



Right In: 375.044+/-2685.931 χ^2 /NDF: 10.1/10

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

Right Out: -397.369+/-2385.700 χ^2 /NDF: 13.9/12

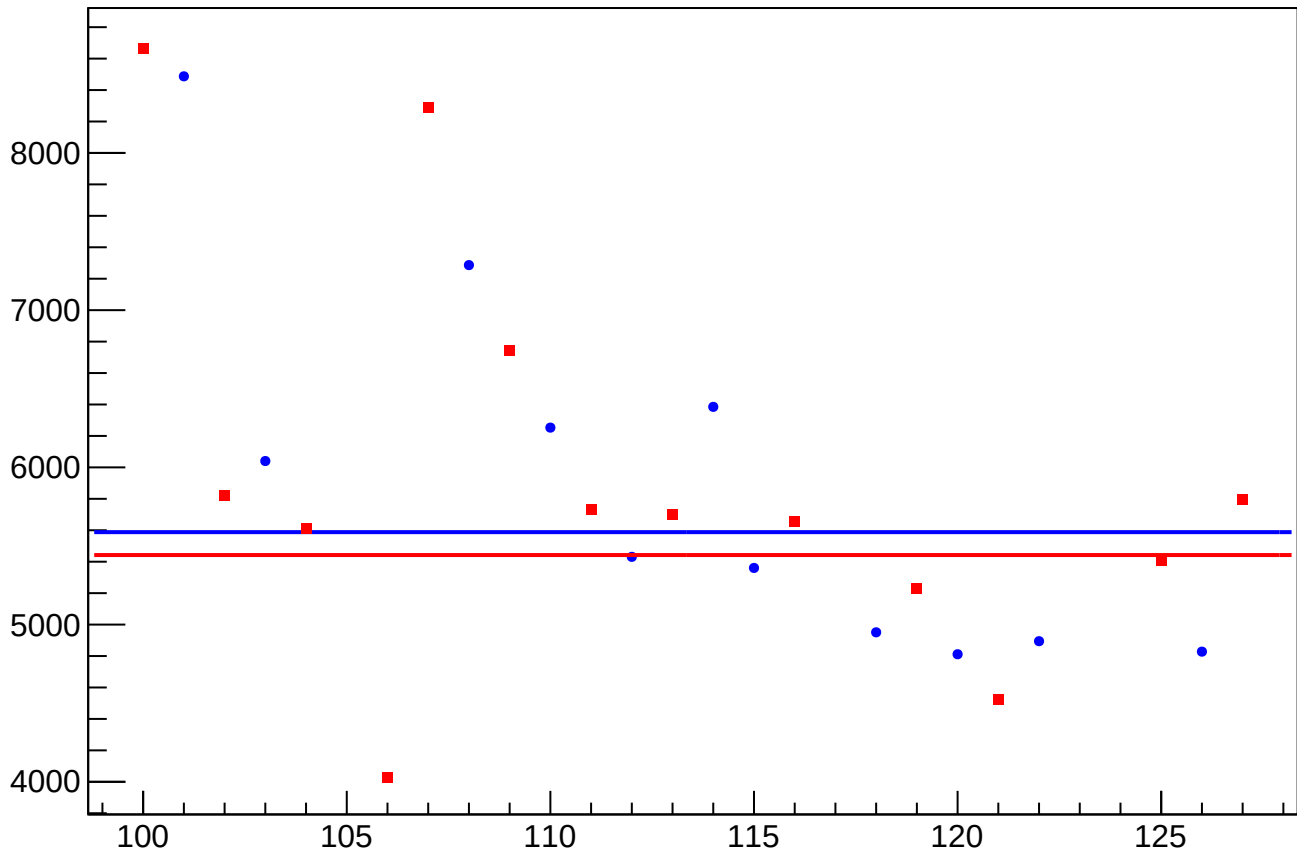
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -56.728+/-1783.686 χ^2 /NDF: 24.0/23

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl2_dit_correction_rms vs Slug



Right In: 5588.018+/-1.899 χ^2/NDF : 285330.1/10

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

Right Out: 5442.347+/-1.687 χ^2/NDF : 248865.2/12

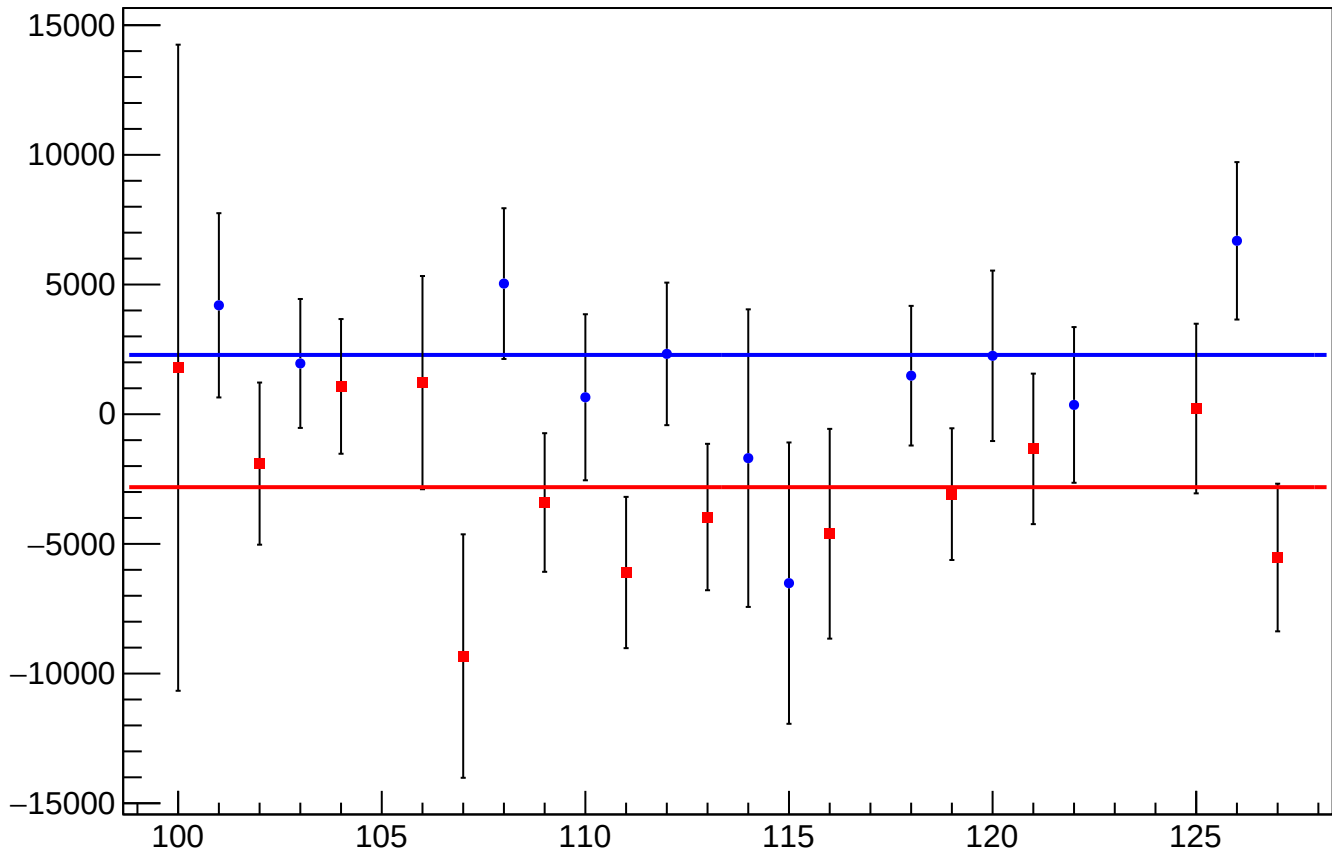
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5506.589+/-1.261 χ^2/NDF : 537483.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl2_mean vs Slug



Right In: 2285.709+/-951.749 χ^2/NDF : 7.2/10

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

Right Out: -2813.021+/-878.167 χ^2/NDF : 9.1/12

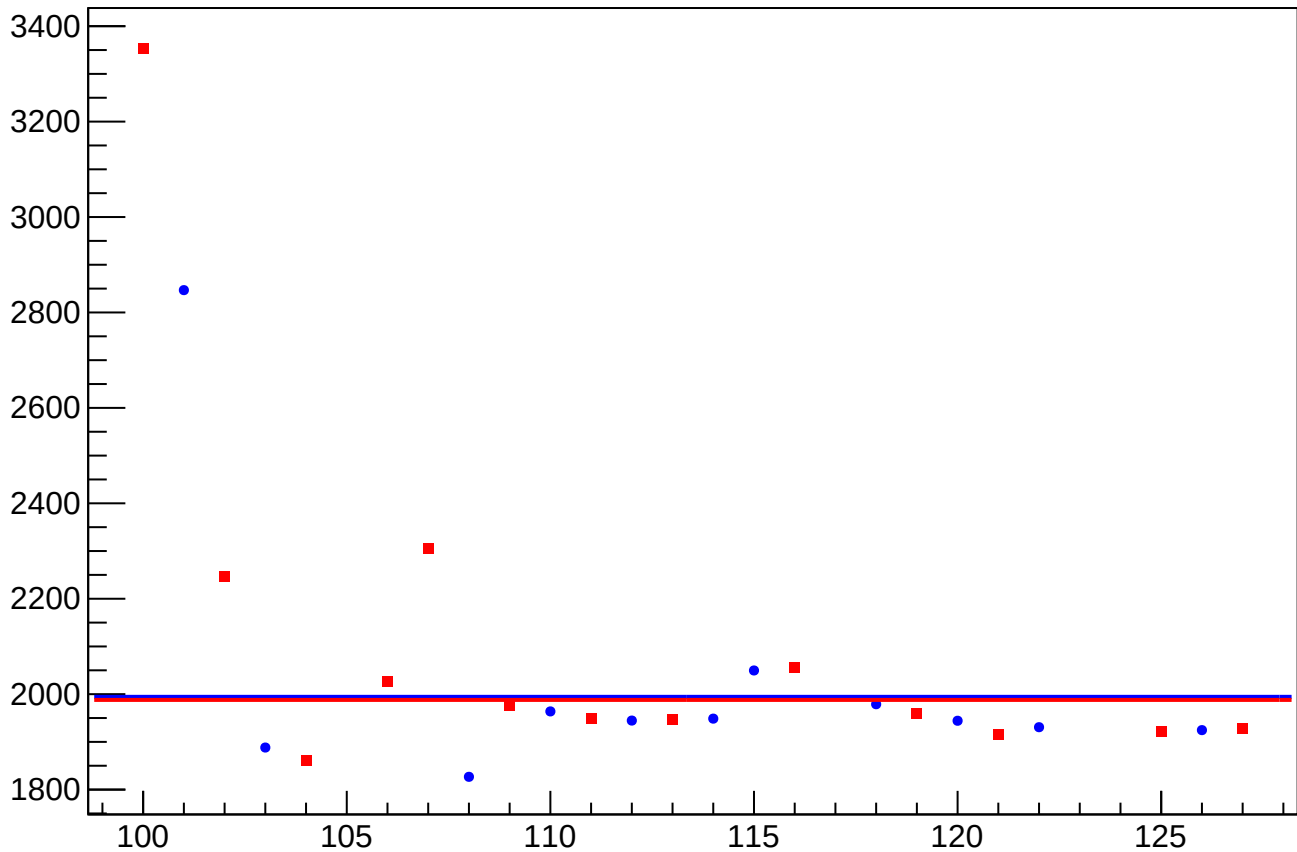
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -468.348+/-645.405 χ^2/NDF : 31.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl2_rms vs Slug



Right In: 1994.436+/-0.673 χ^2/NDF : 129123.9/10

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

Right Out: 1987.960+/-0.620 χ^2/NDF : 56401.5/12

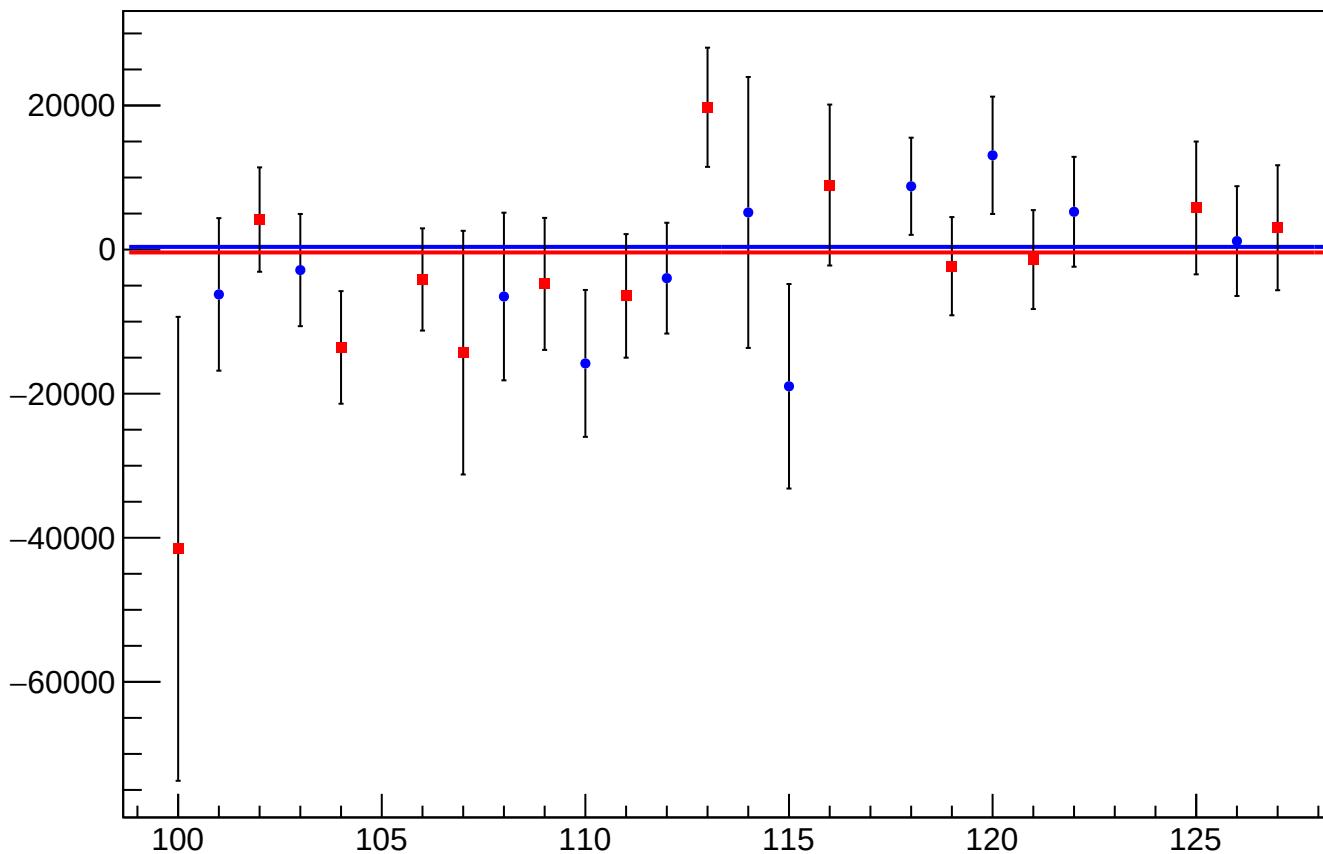
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1990.932+/-0.456 χ^2/NDF : 185575.5/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_dit_correction_mean vs Slug



Right In: 375.051 $\pm$ 2685.921 χ^2 /NDF: 10.1/10

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

Right Out: -397.374 $\pm$ 2385.693 χ^2 /NDF: 13.9/12

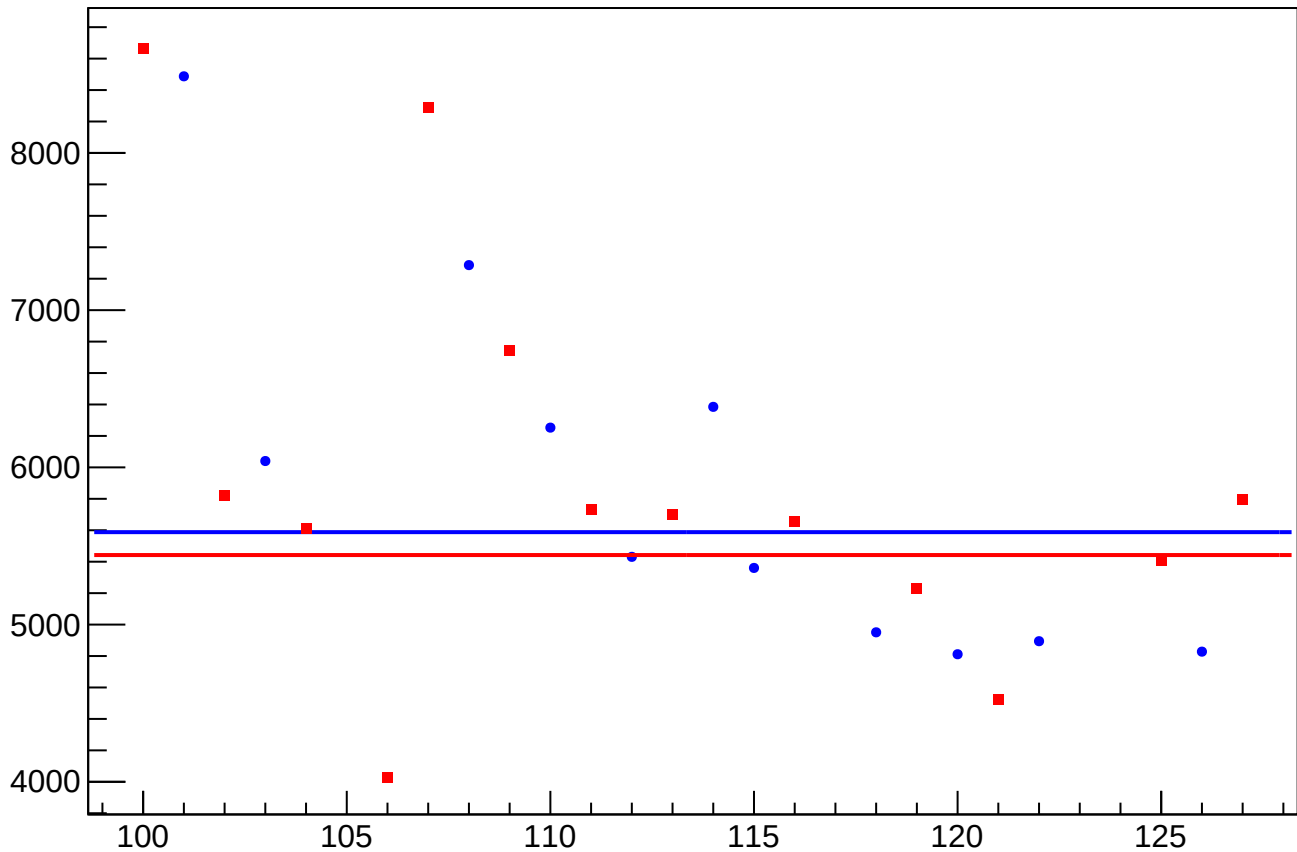
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -56.727 $\pm$ 1783.680 χ^2 /NDF: 24.0/23

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

asym_atl2_eigen_dit_correction_rms vs Slug



Right In: 5587.996 $\pm$ 1.899 χ^2 /NDF: 285333.4/10

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

Right Out: 5442.330 $\pm$ 1.687 χ^2 /NDF: 248866.4/12

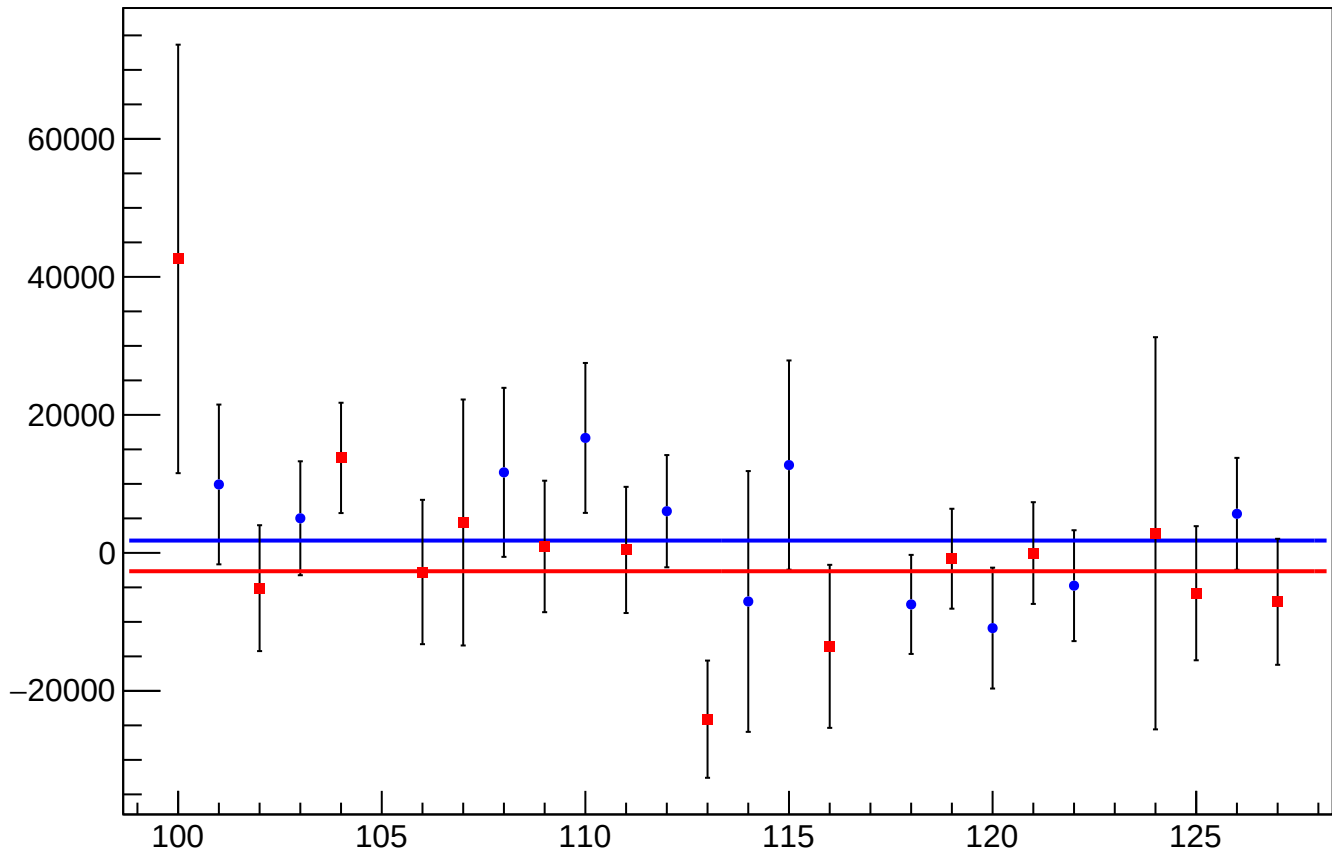
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 5506.570 $\pm$ 1.261 χ^2 /NDF: 537488.0/23

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

asym_atl2_mean vs Slug



Right In: 1785.544+/-2855.123 χ^2/NDF : 8.8/10

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

Right Out: -2659.493+/-2614.532 χ^2/NDF : 14.6/13

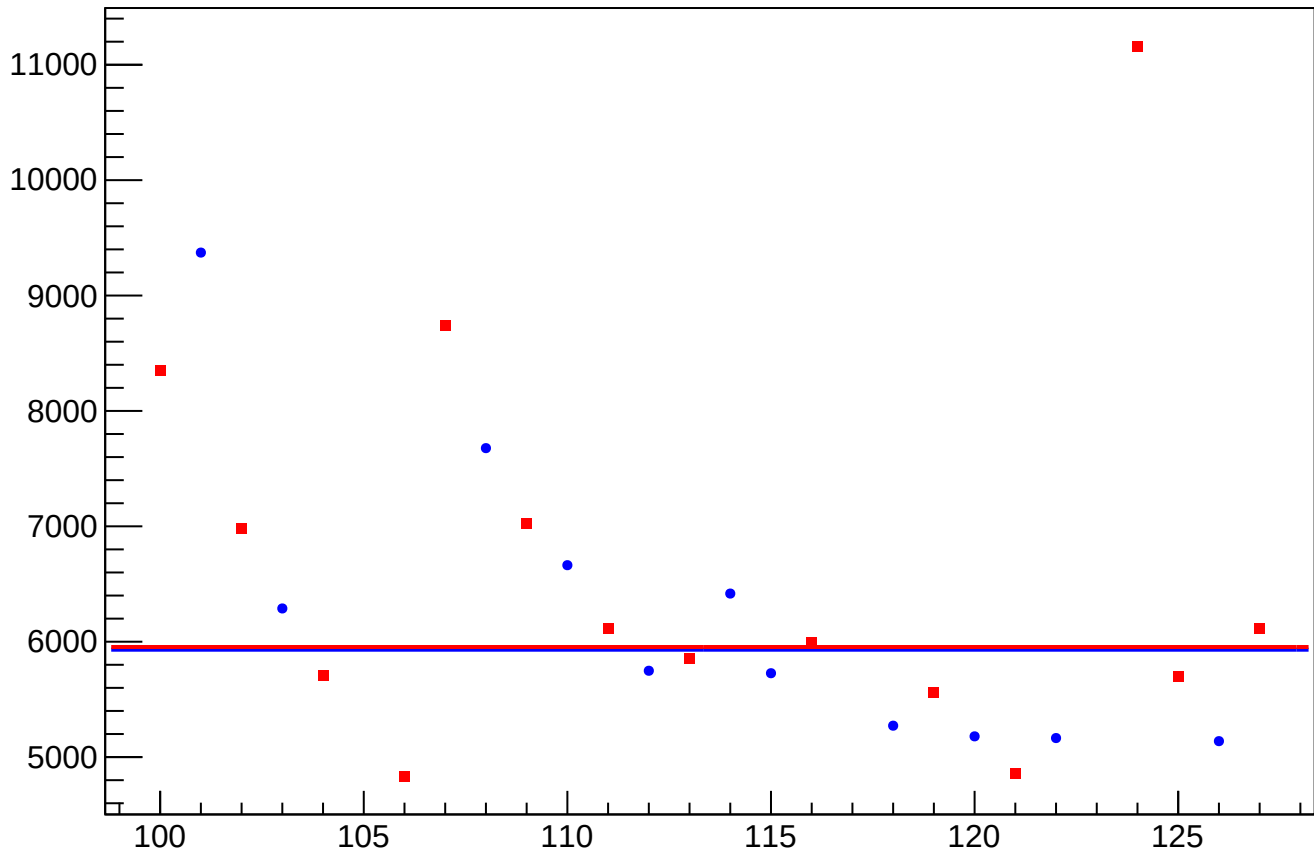
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -632.119+/-1928.209 χ^2/NDF : 24.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_rms vs Slug



Right In: 5930.751+/-2.019 χ^2/NDF : 301711.5/10

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

Right Out: 5954.042+/-1.849 χ^2/NDF : 255869.1/13

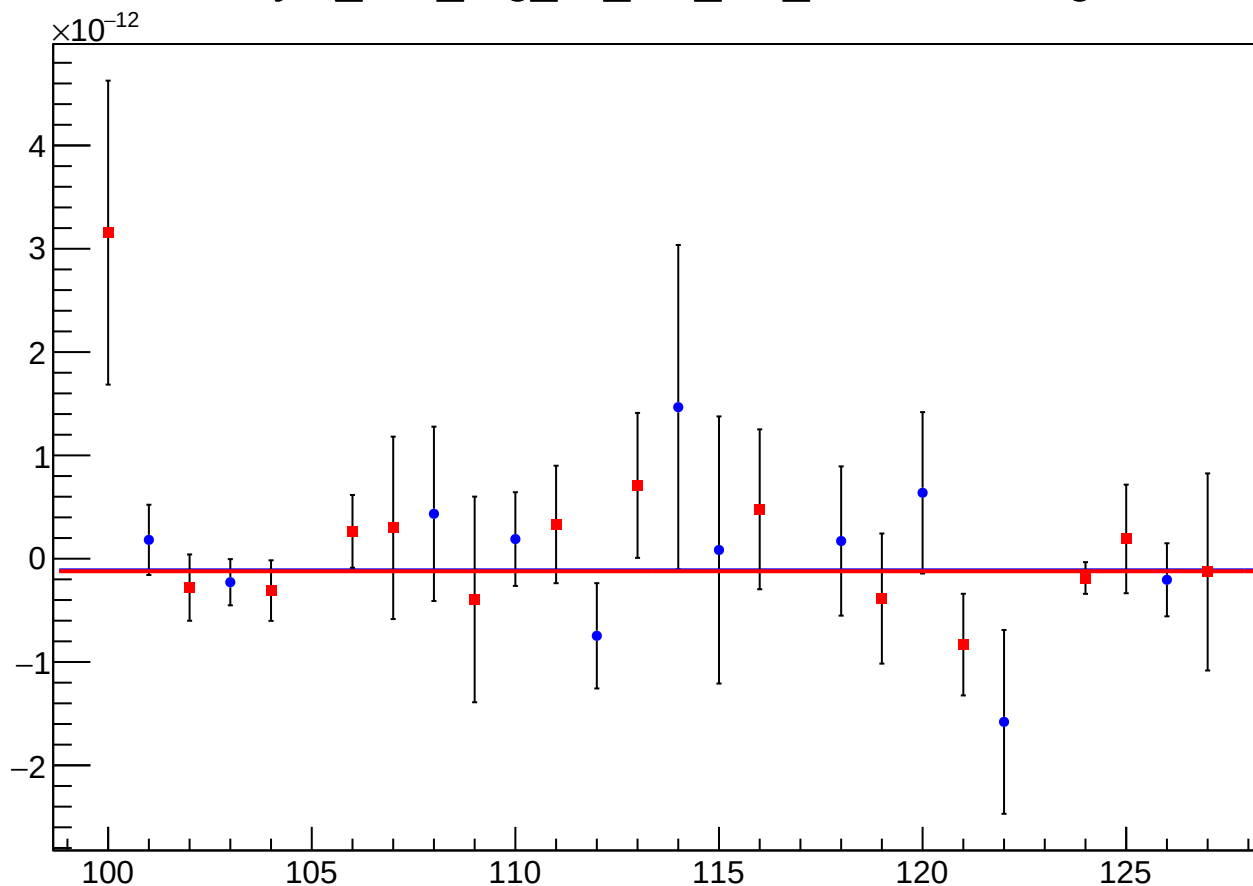
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5943.419+/-1.363 χ^2/NDF : 557653.0/24

- sign 0.000+/-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: 8.3/10

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

Right Out: -0.000+/-0.000 χ^2 /NDF: 12.6/13

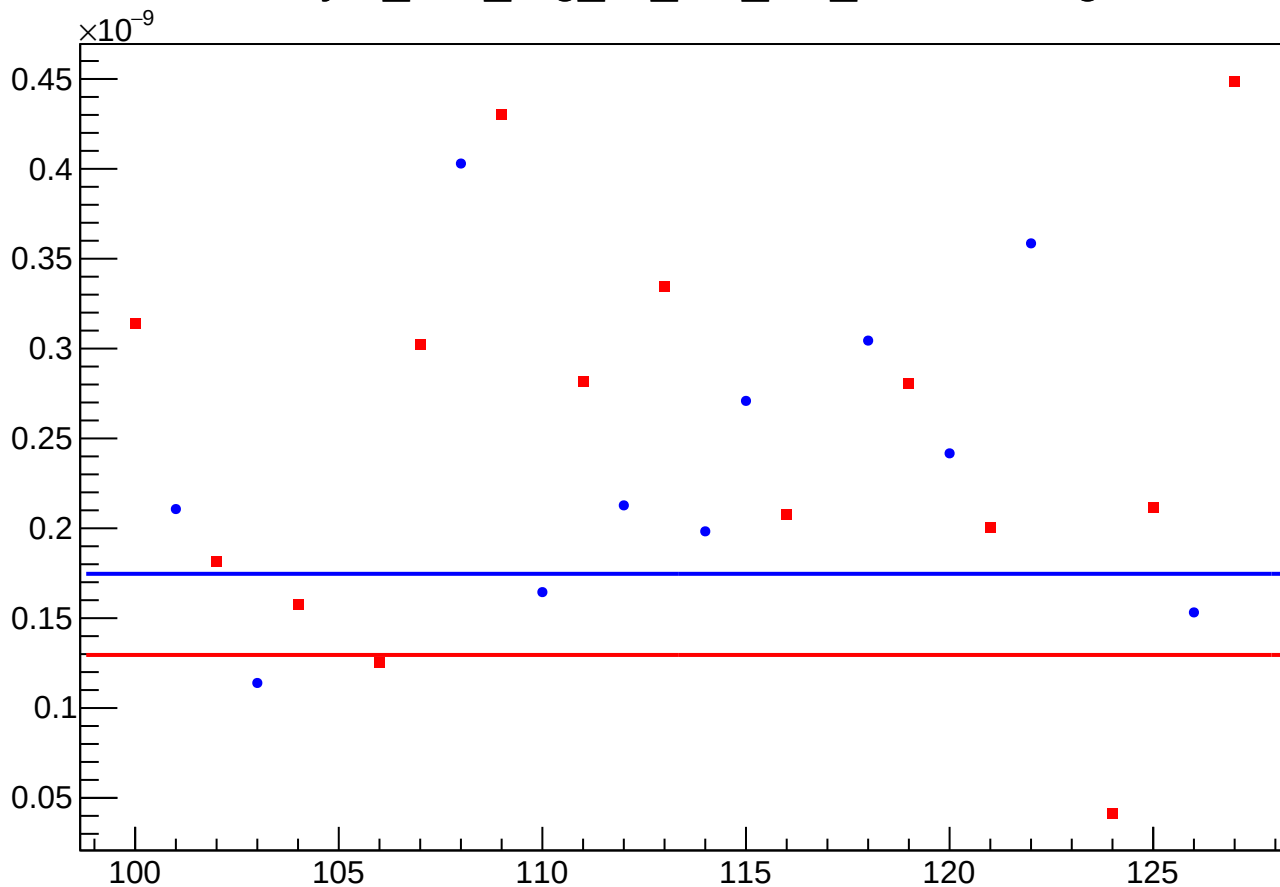
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 20.9/24

- 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 : 512296.8/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1788455.2/13

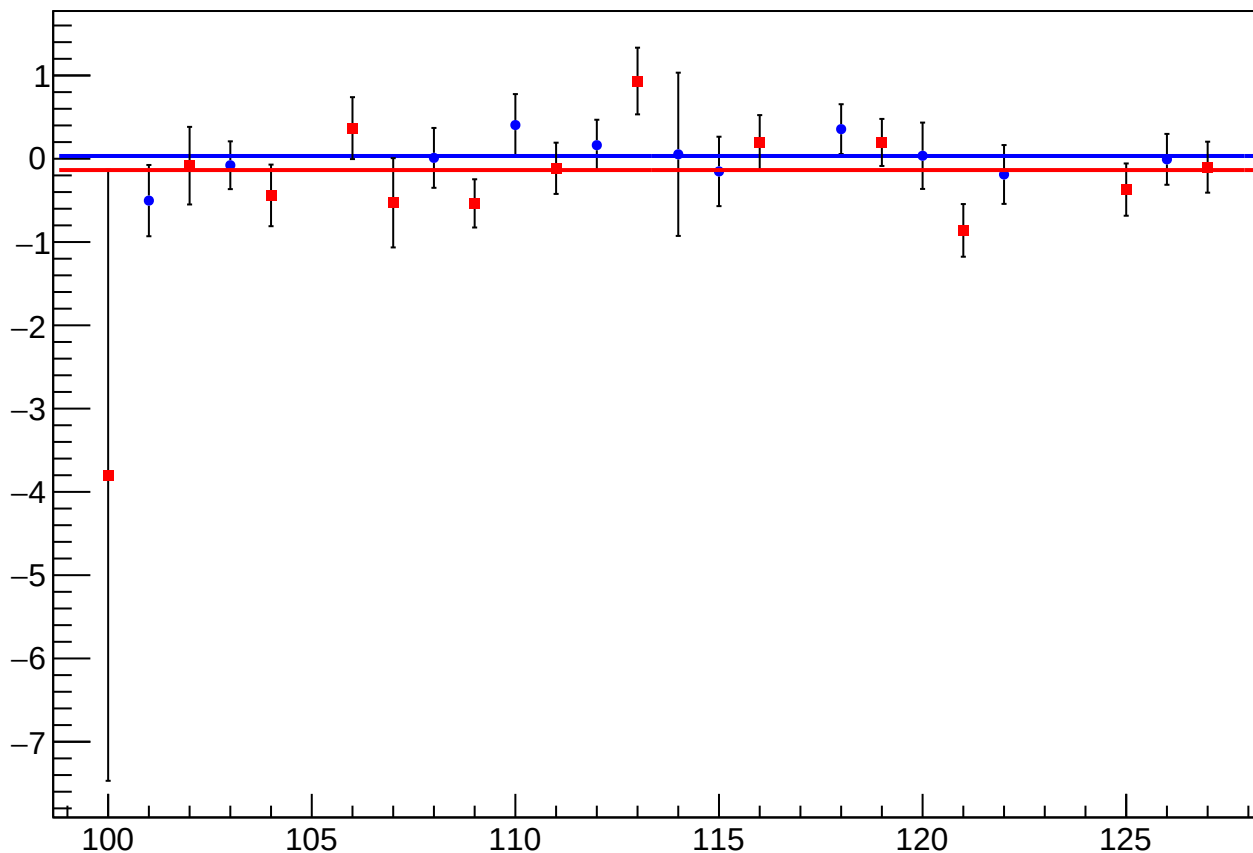
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2437582.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_dit_vs_cor_diff_mean vs Slug



Right In: 0.033 ± 0.108 χ^2/NDF : 4.7/10

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

Right Out: -0.136 ± 0.098 χ^2/NDF : 21.3/12

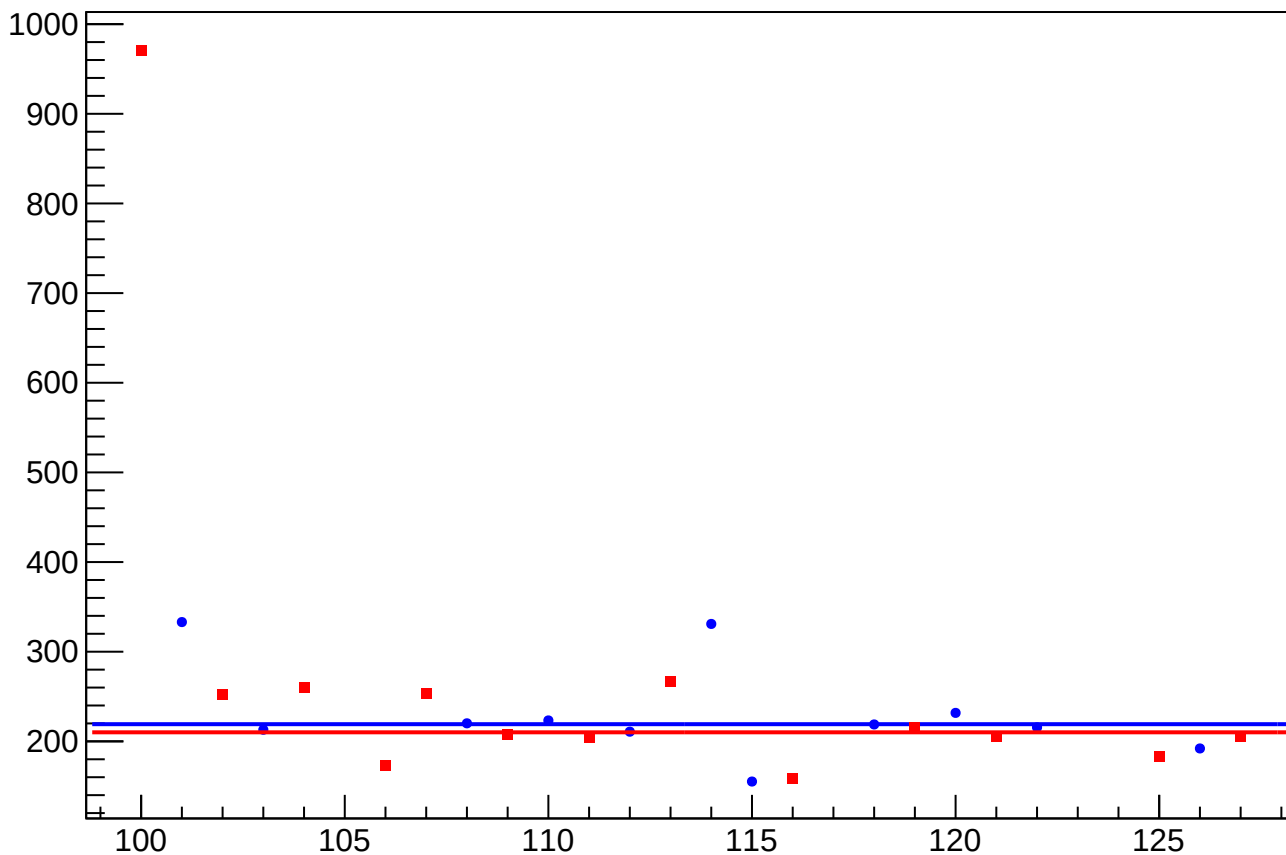
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.059 ± 0.073 χ^2/NDF : 27.3/23

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl2_dit_vs_cor_diff_rms vs Slug



Right In: 219.157+/-0.076 χ^2/NDF : 235586.1/10

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

Right Out: 210.084+/-0.069 χ^2/NDF : 275492.5/12

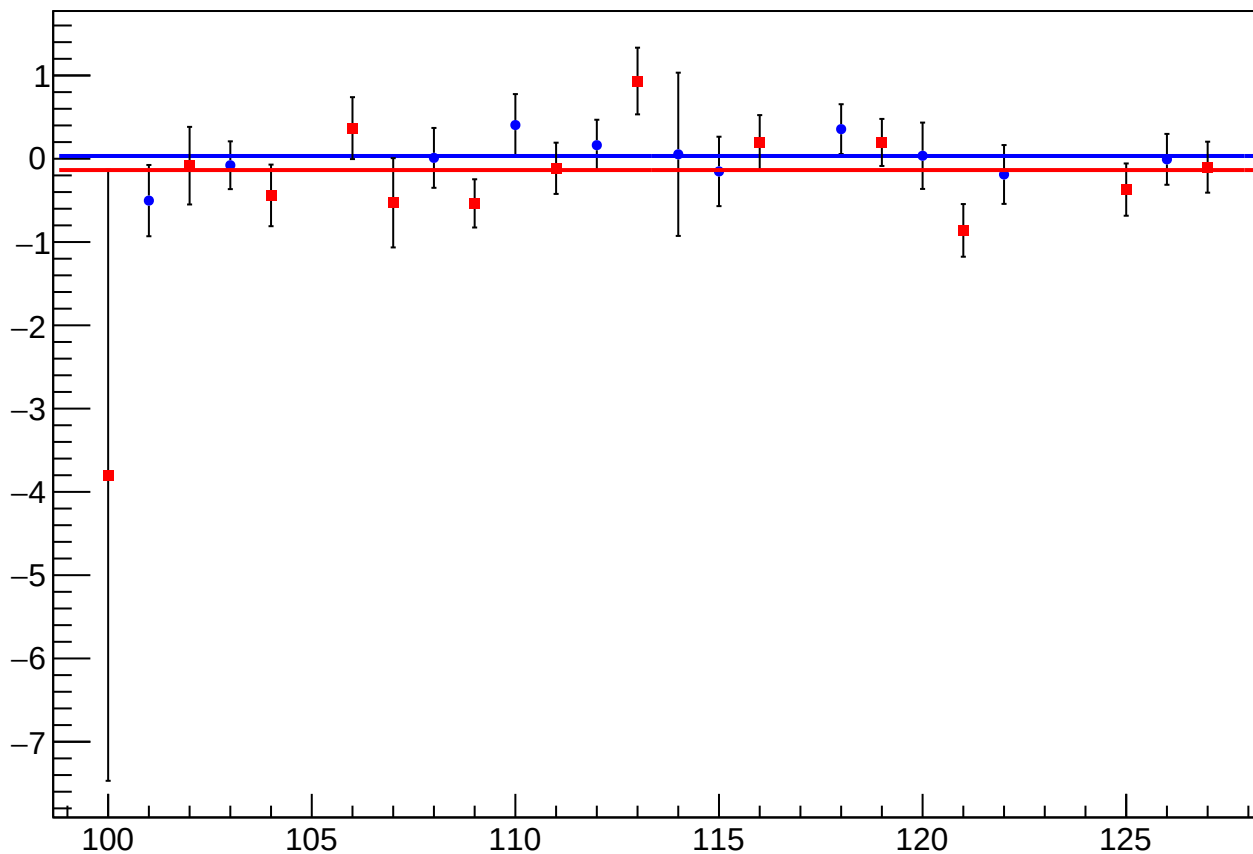
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.204+/-0.051 χ^2/NDF : 518839.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.033+/-0.108 χ^2/NDF : 4.7/10

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

Right Out: -0.136+/-0.098 χ^2/NDF : 21.3/12

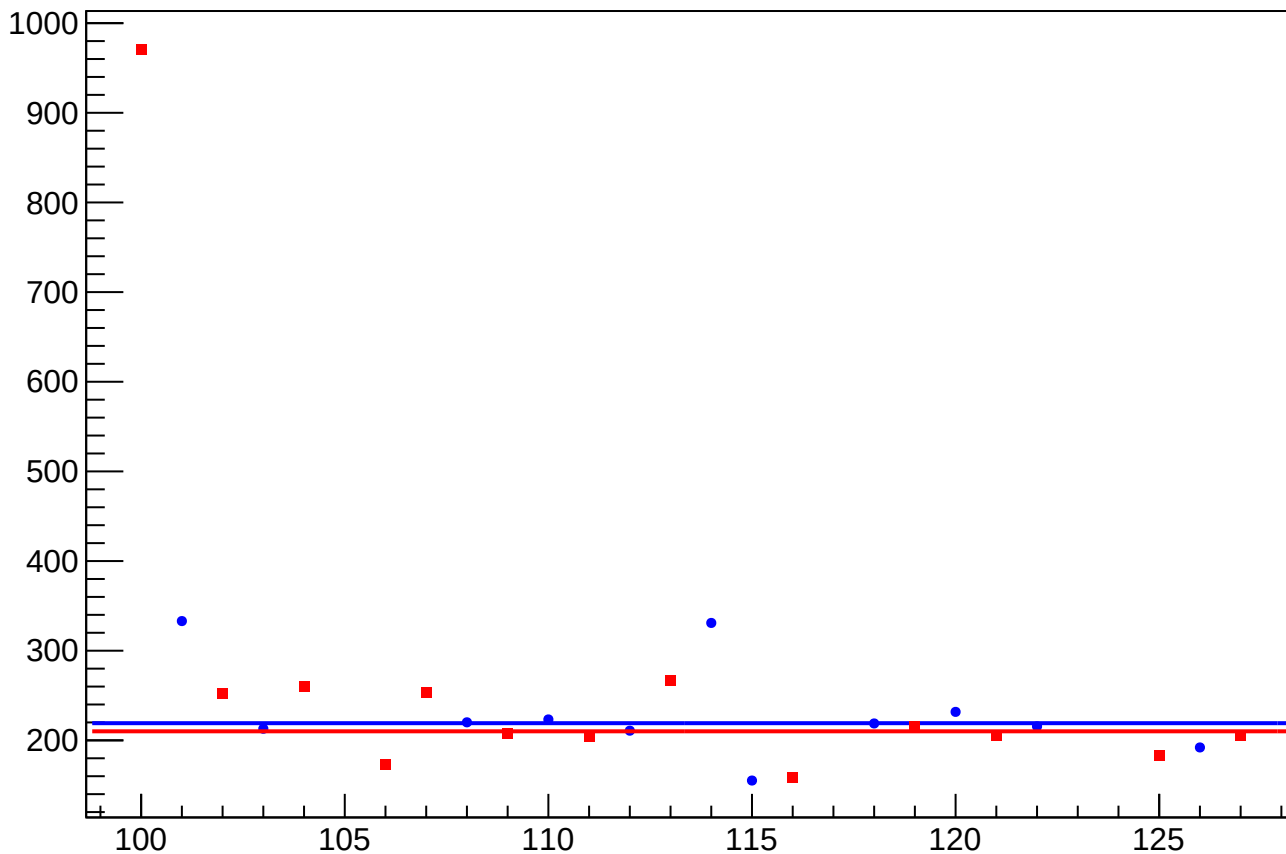
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.059+/-0.073 χ^2/NDF : 27.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 219.157 $\pm$ 0.076 χ^2 /NDF: 235586.1/10

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

Right Out: 210.084 $\pm$ 0.069 χ^2 /NDF: 275492.5/12

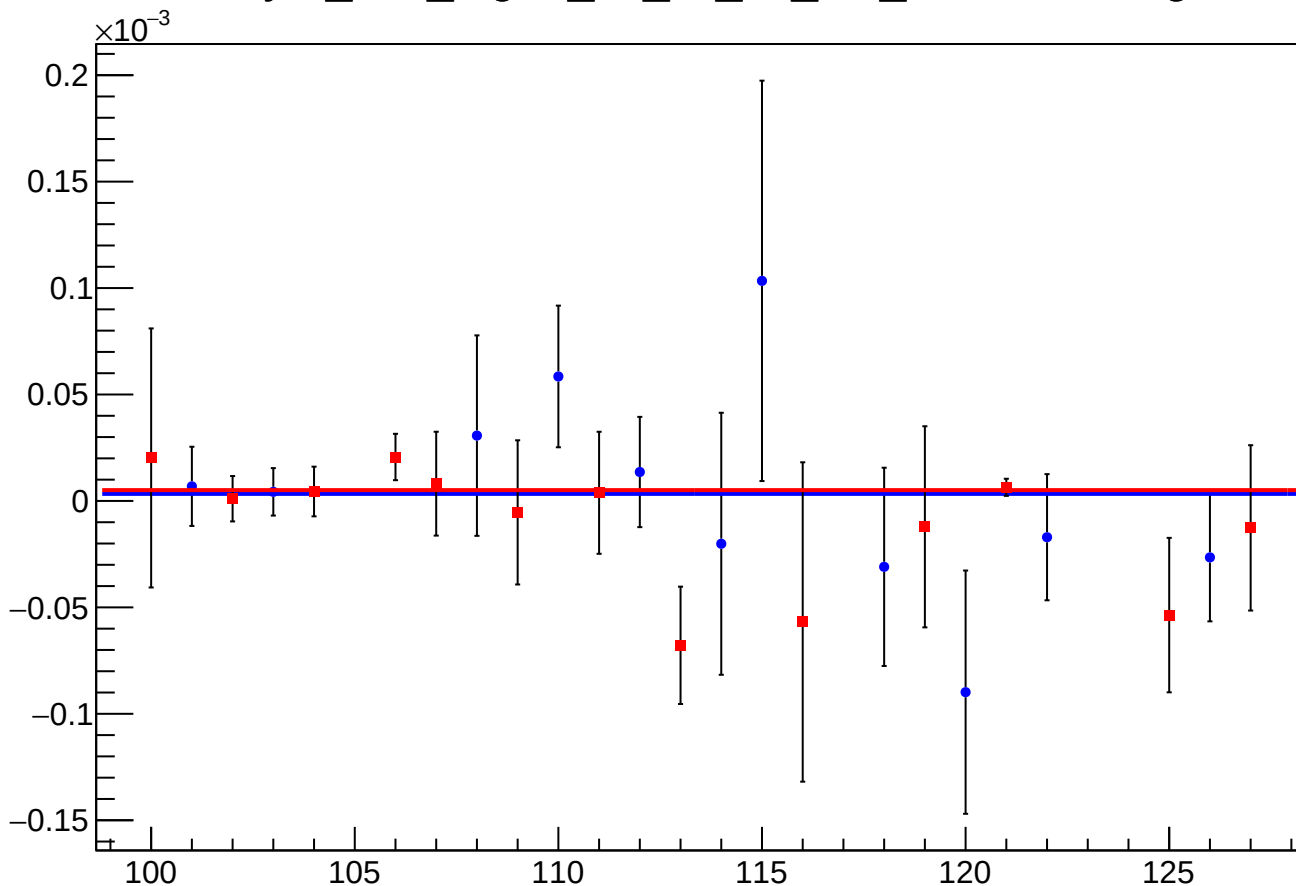
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 214.204 $\pm$ 0.051 χ^2 /NDF: 518839.6/23

- sign 0.000 $\pm$ 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: 9.2/10

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.1/12

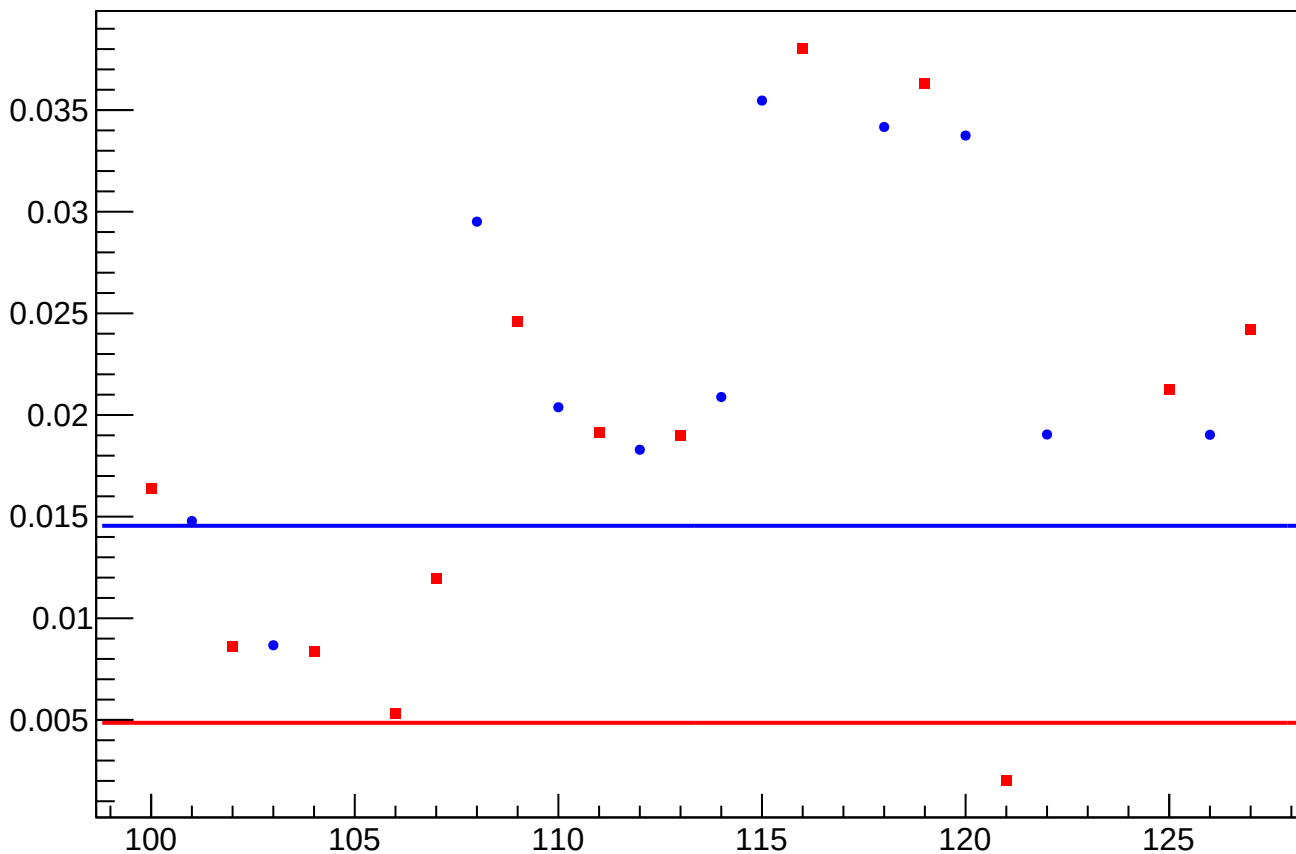
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 22.4/23

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

asym_atl2_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.015 $\pm$ 0.000 χ^2 /NDF: 1652714.1/10

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

Right Out: 0.005 $\pm$ 0.000 χ^2 /NDF: 5562981.5/12

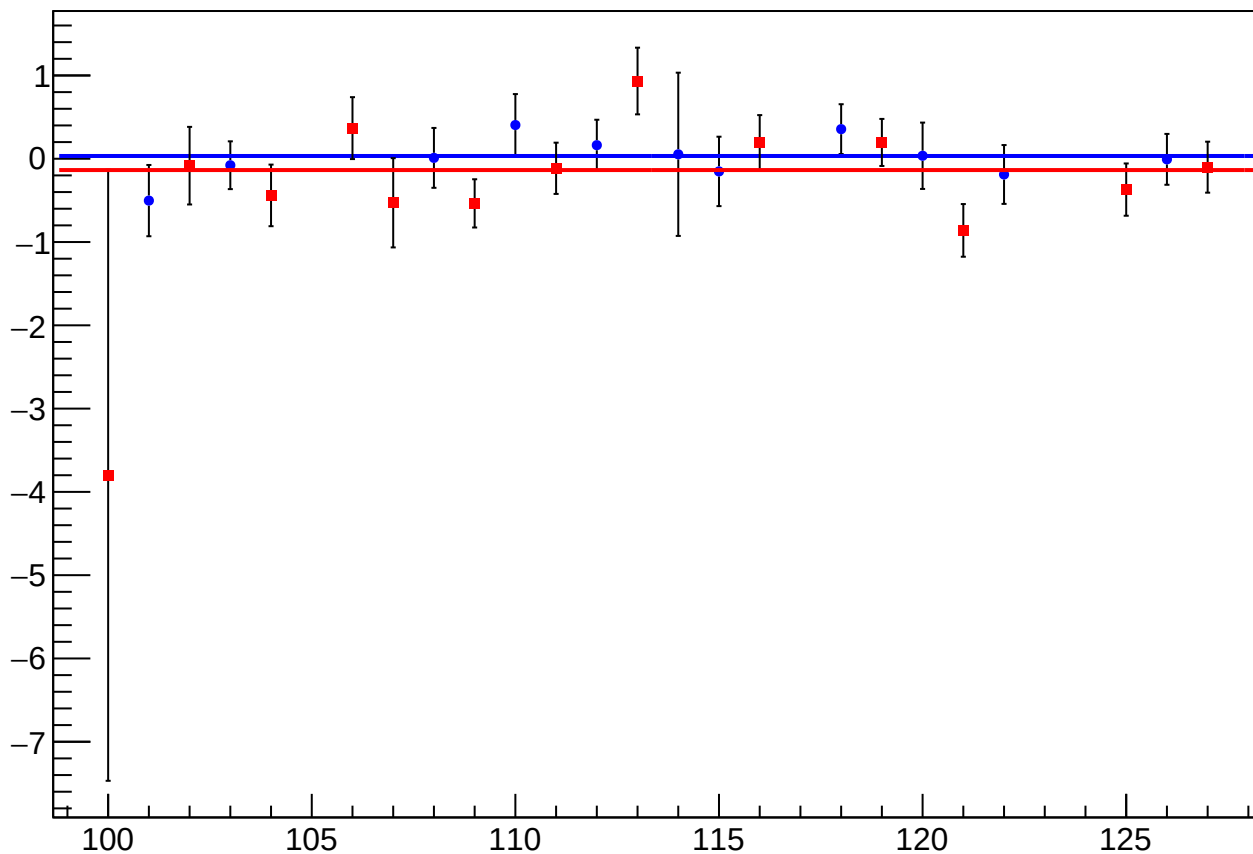
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.006 $\pm$ 0.000 χ^2 /NDF: 9943309.1/23

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

asym_atl2_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.033+/-0.108 χ^2/NDF : 4.7/10

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

Right Out: -0.136+/-0.098 χ^2/NDF : 21.3/12

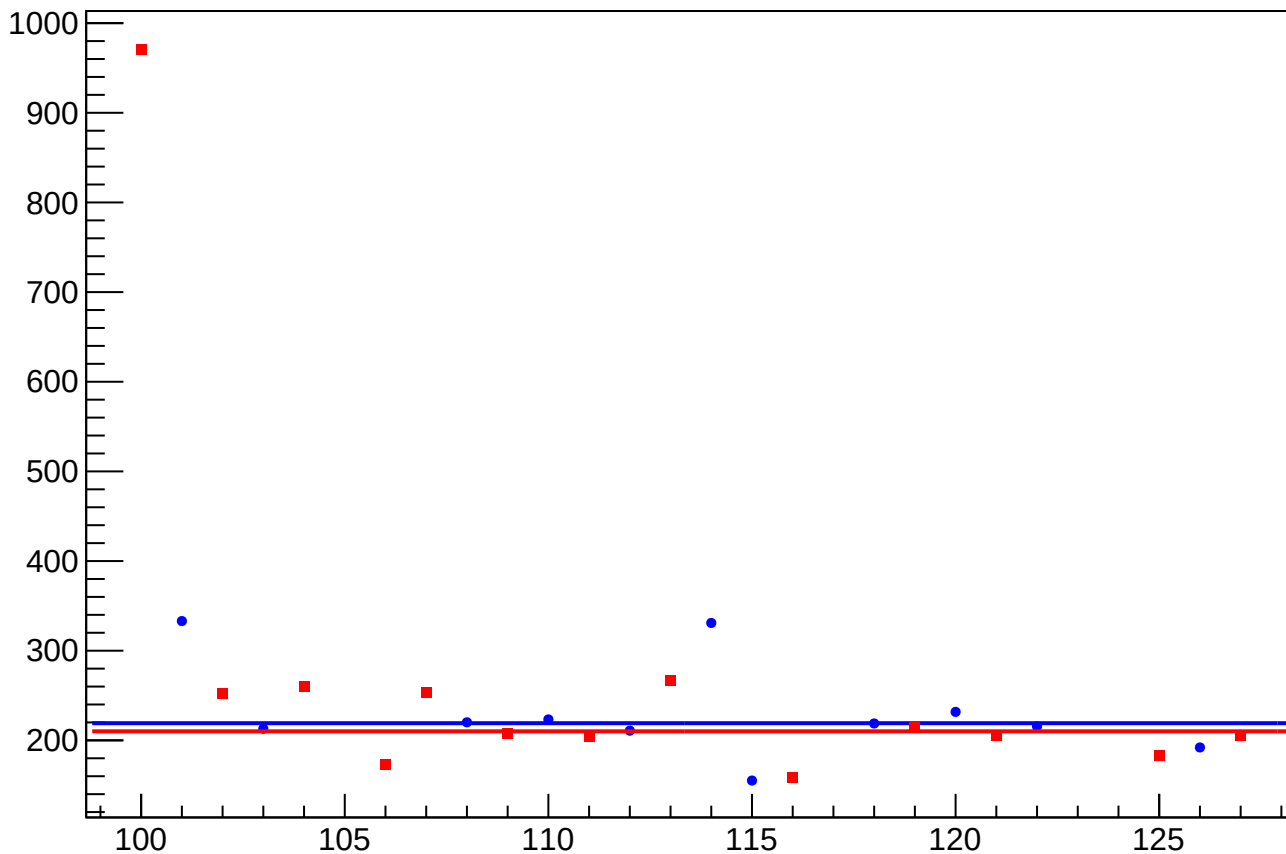
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.059+/-0.073 χ^2/NDF : 27.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 219.159+/-0.076 χ^2/NDF : 235570.6/10

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

Right Out: 210.087+/-0.069 χ^2/NDF : 275463.1/12

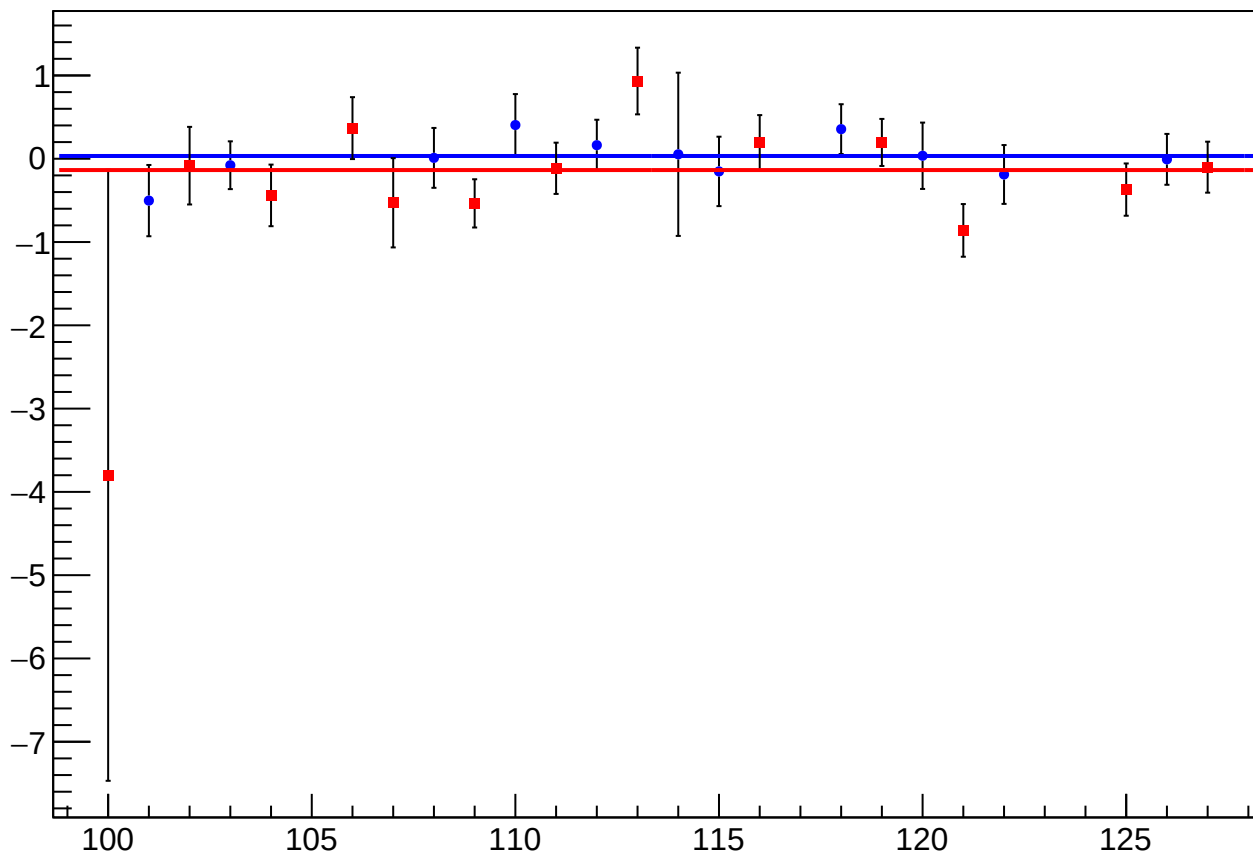
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.206+/-0.051 χ^2/NDF : 518792.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.033+/-0.108 χ^2/NDF : 4.7/10

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

Right Out: -0.136+/-0.098 χ^2/NDF : 21.3/12

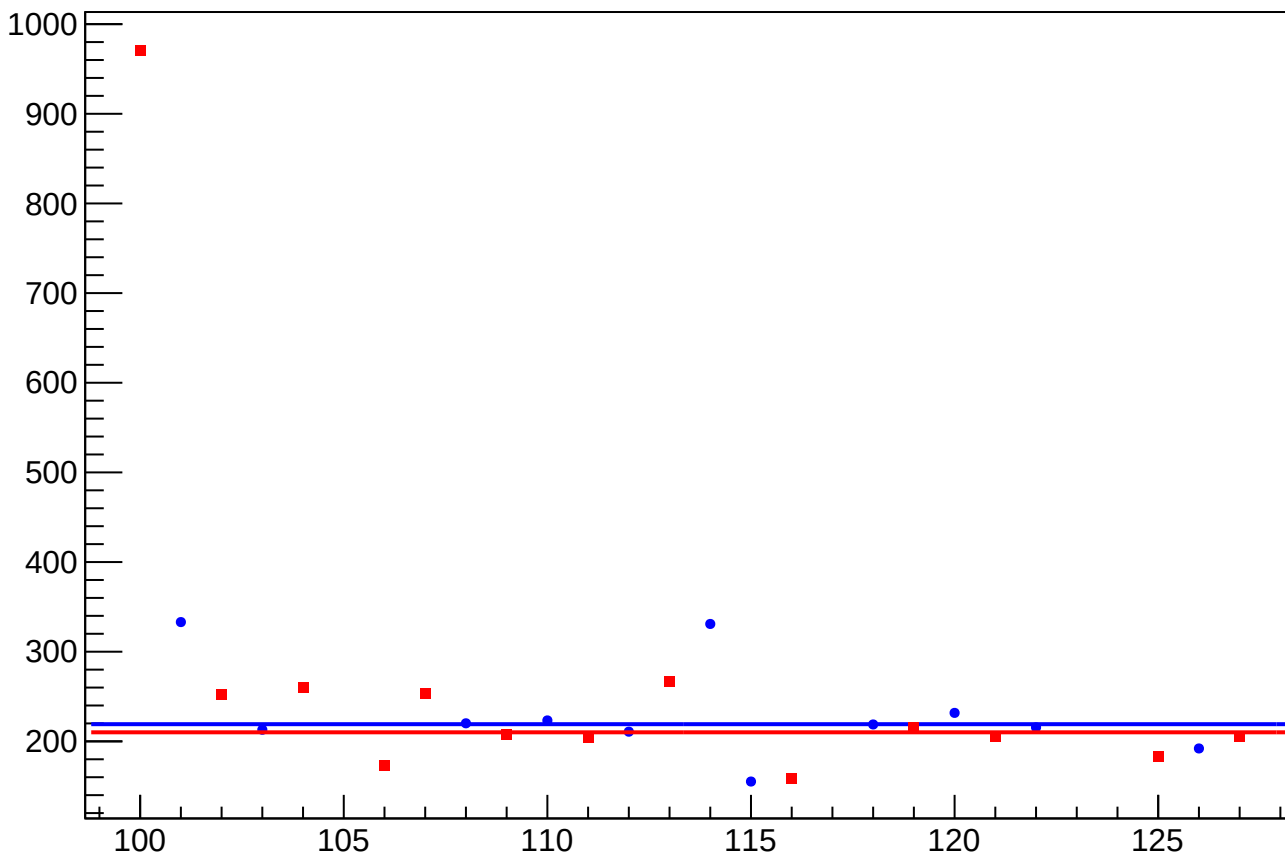
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.059+/-0.073 χ^2/NDF : 27.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 219.159+/-0.076 χ^2/NDF : 235570.6/10

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

Right Out: 210.087+/-0.069 χ^2/NDF : 275463.1/12

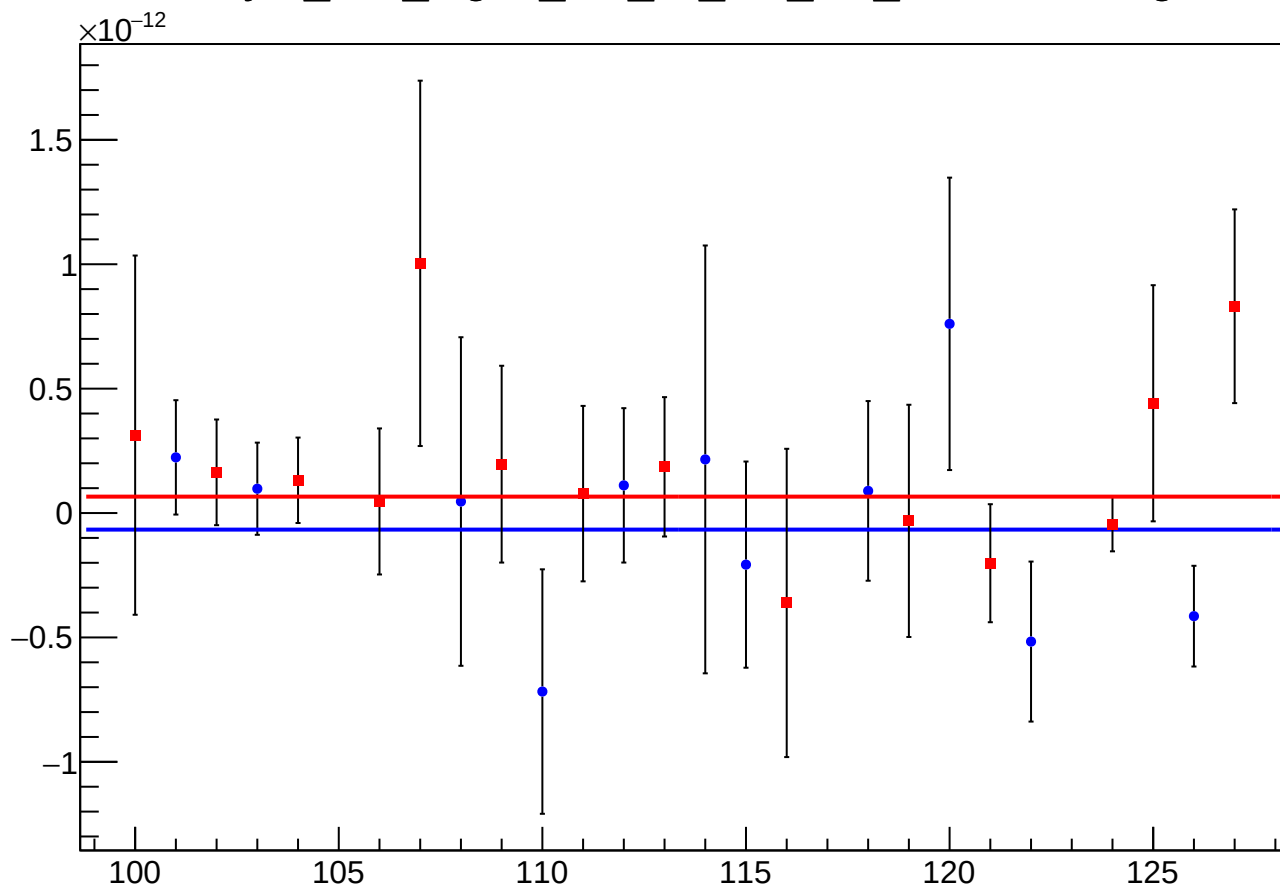
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.206+/-0.051 χ^2/NDF : 518792.6/23

- 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+/-0.000 χ^2 /NDF: 11.8/10

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

Right Out: 0.000+/-0.000 χ^2 /NDF: 9.7/13

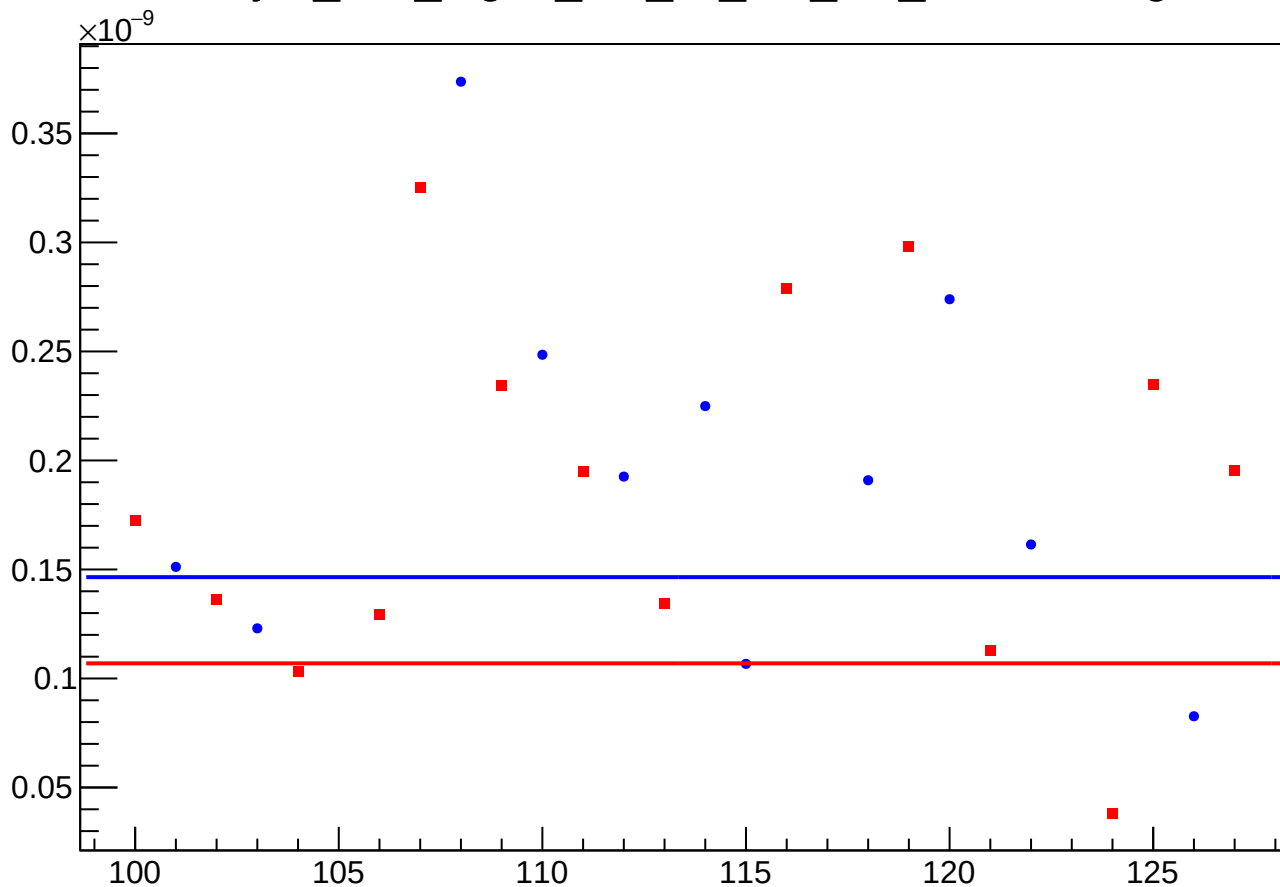
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 22.8/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl2_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 762798.3/10

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

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 2128464.2/13

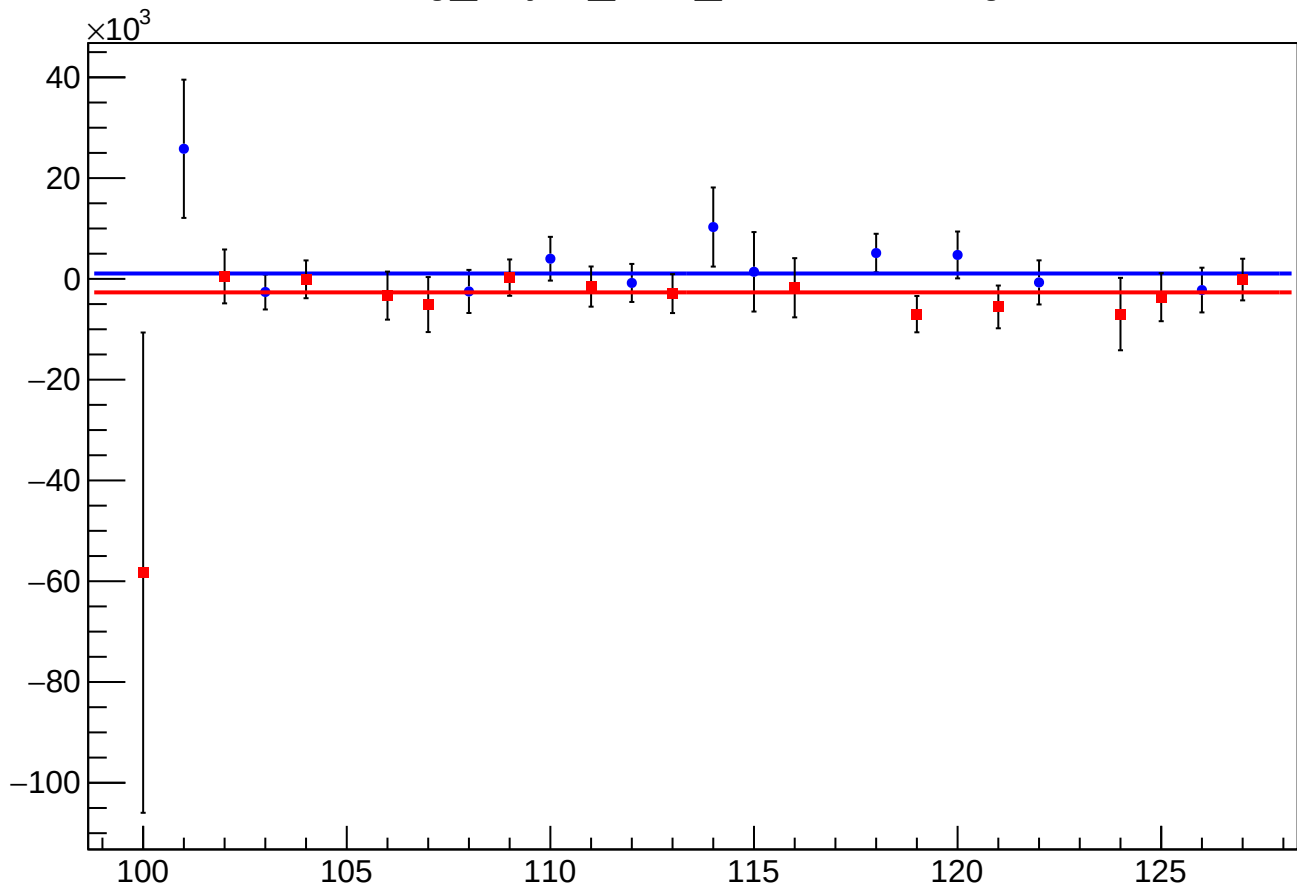
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2/NDF : 3129071.7/24

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

reg_asym_atr1_mean vs Slug



Right In: 1070.035+/-1391.640 χ^2/NDF : 9.6/10

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

Right Out: -2677.930+/-1217.513 χ^2/NDF : 5.9/13

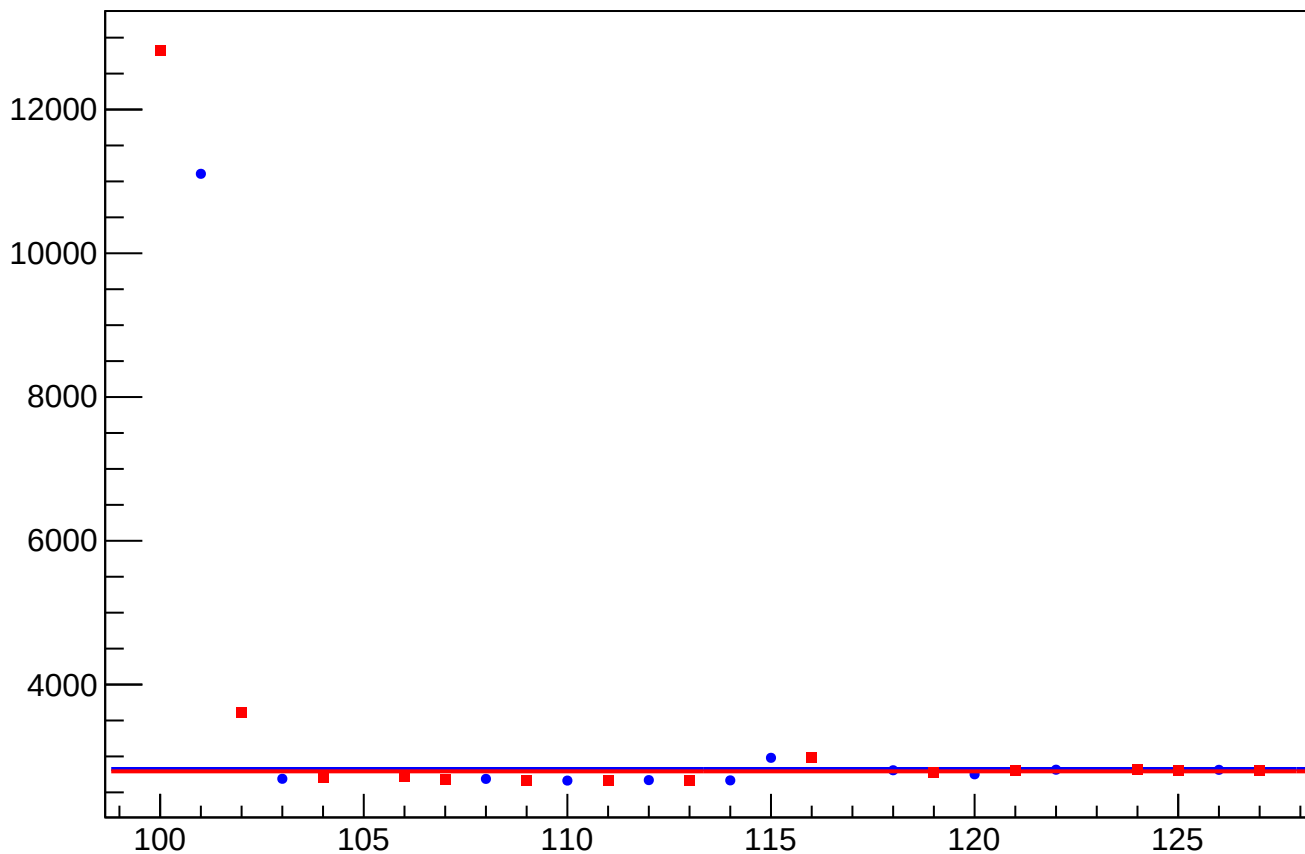
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1052.966+/-916.328 χ^2/NDF : 19.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1_rms vs Slug



Right In: 2825.162+/-0.984 χ^2/NDF : 742328.1/10

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

Right Out: 2792.475+/-0.861 χ^2/NDF : 146295.1/13

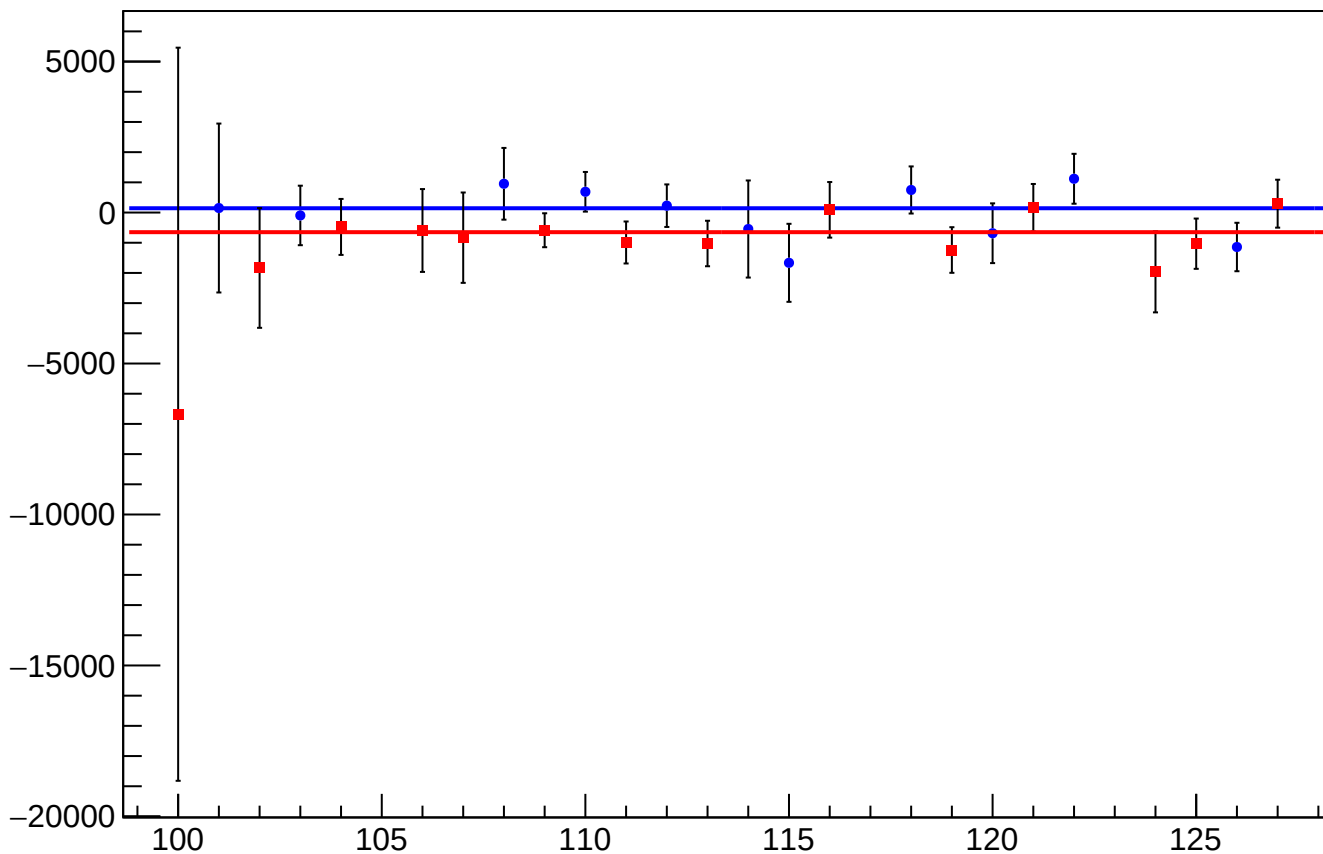
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2806.647+/-0.648 χ^2/NDF : 889248.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_reg_correction_mean vs Slug



Right In: 142.473+/-278.751 χ^2/NDF : 8.6/10

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

Right Out: -649.841+/-238.832 χ^2/NDF : 6.1/13

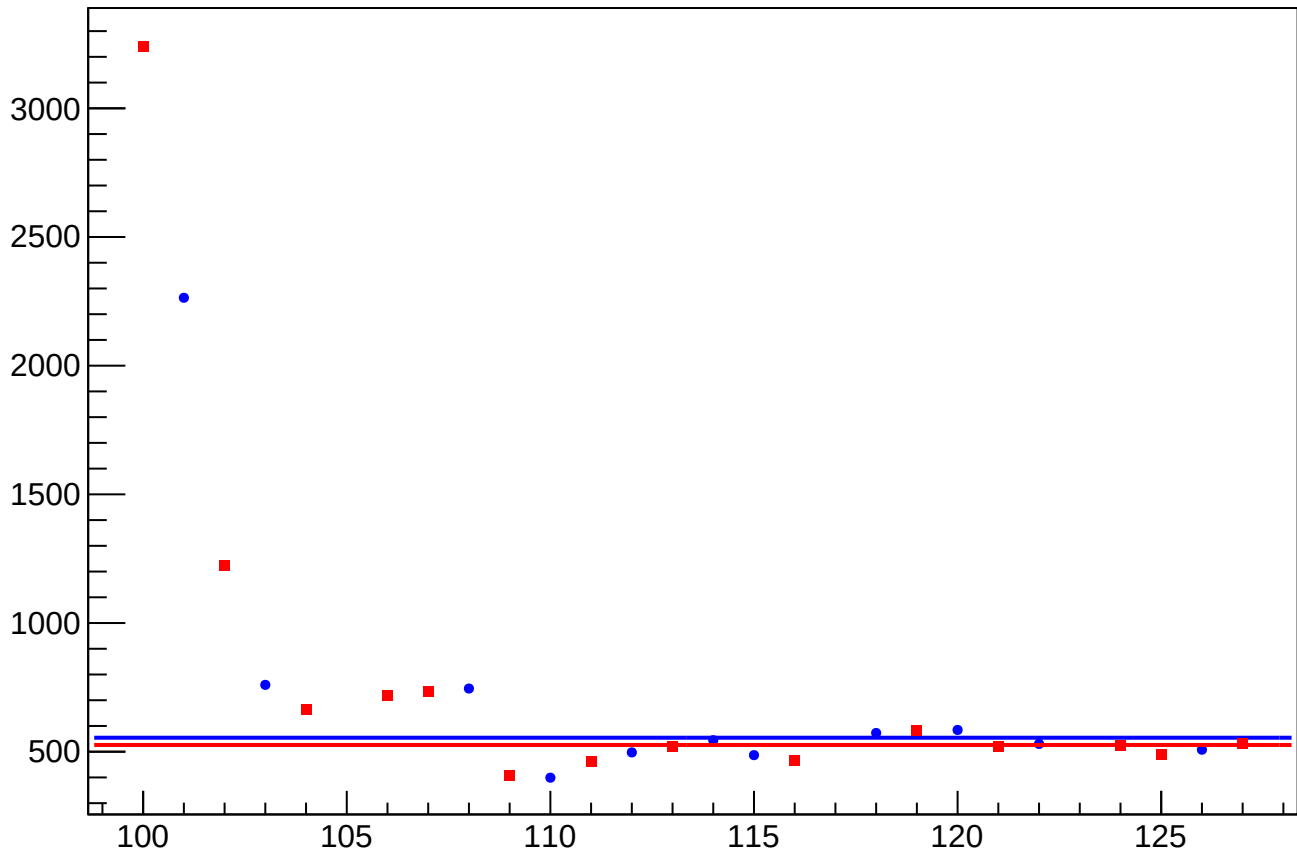
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -314.431+/-181.366 χ^2/NDF : 19.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_reg_correction_rms vs Slug



Right In: 554.339+/-0.197 χ^2/NDF : 1027634.2/10

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

Right Out: 526.136+/-0.169 χ^2/NDF : 600845.4/13

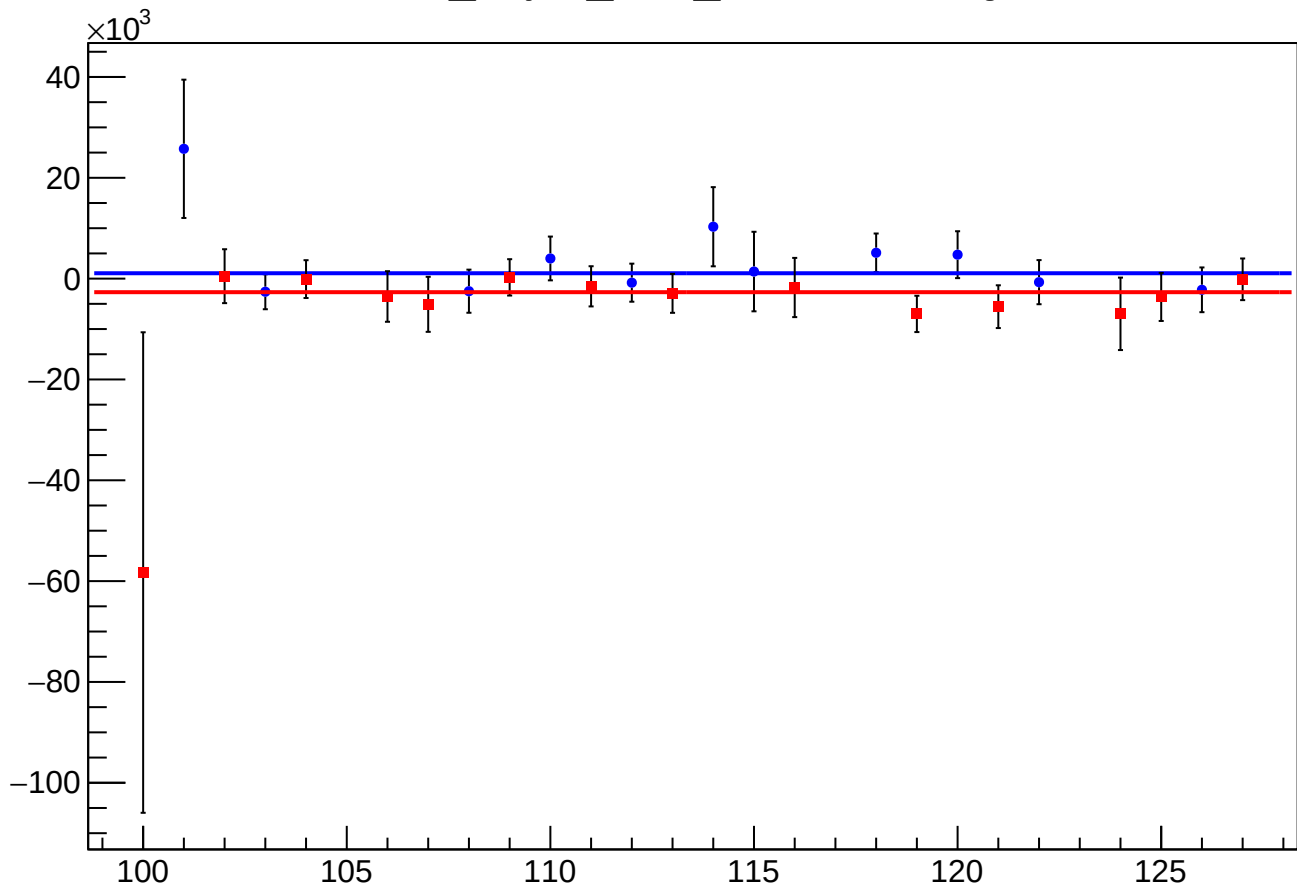
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 538.075+/-0.128 χ^2/NDF : 1640286.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atr1_mean vs Slug



Right In: 1068.949+/-1391.640 χ^2/NDF : 9.6/10

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

Right Out: -2688.019+/-1221.395 χ^2/NDF : 5.9/13

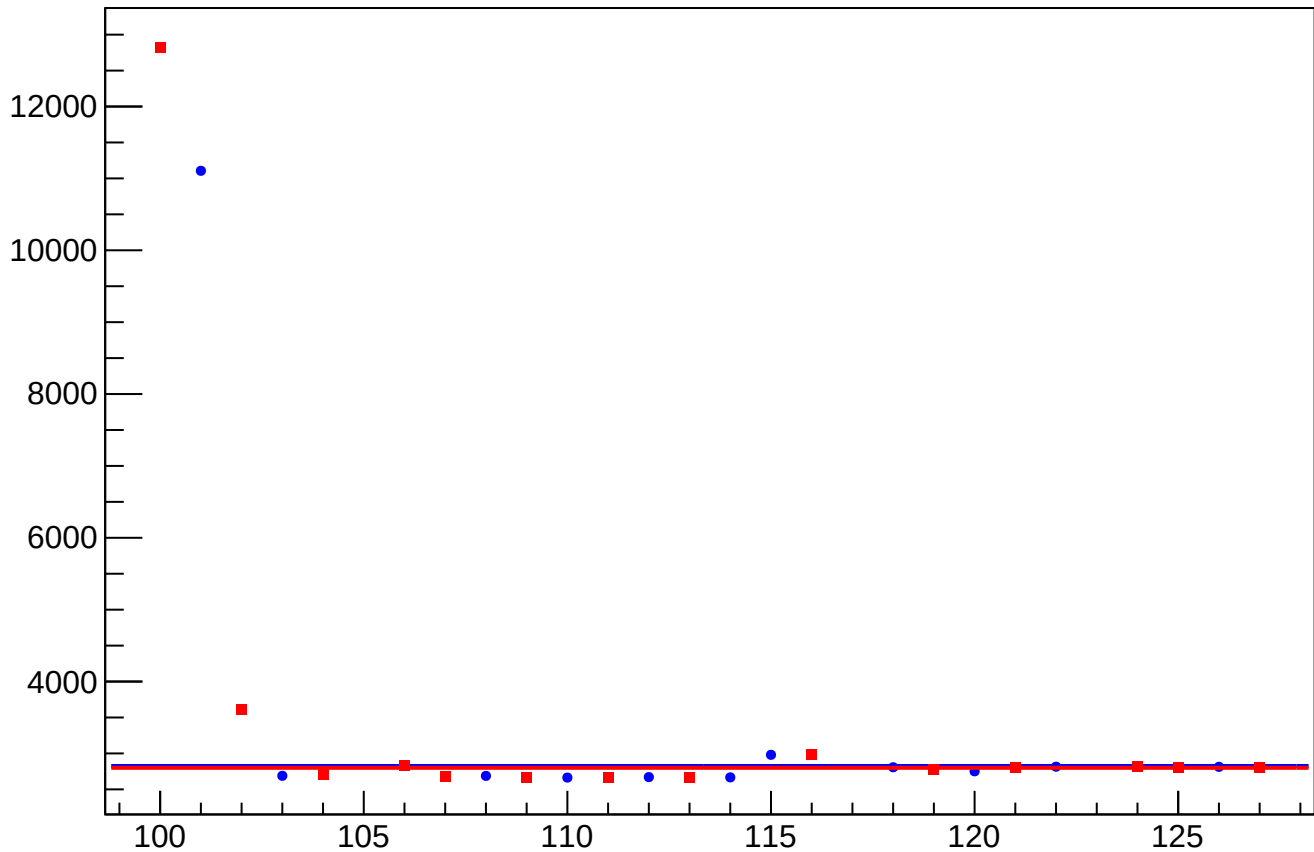
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1053.276+/-917.980 χ^2/NDF : 19.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atr1_rms vs Slug



Right In: 2825.162+/-0.984 χ^2/NDF : 742327.2/10

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

Right Out: 2799.890+/-0.864 χ^2/NDF : 145947.7/13

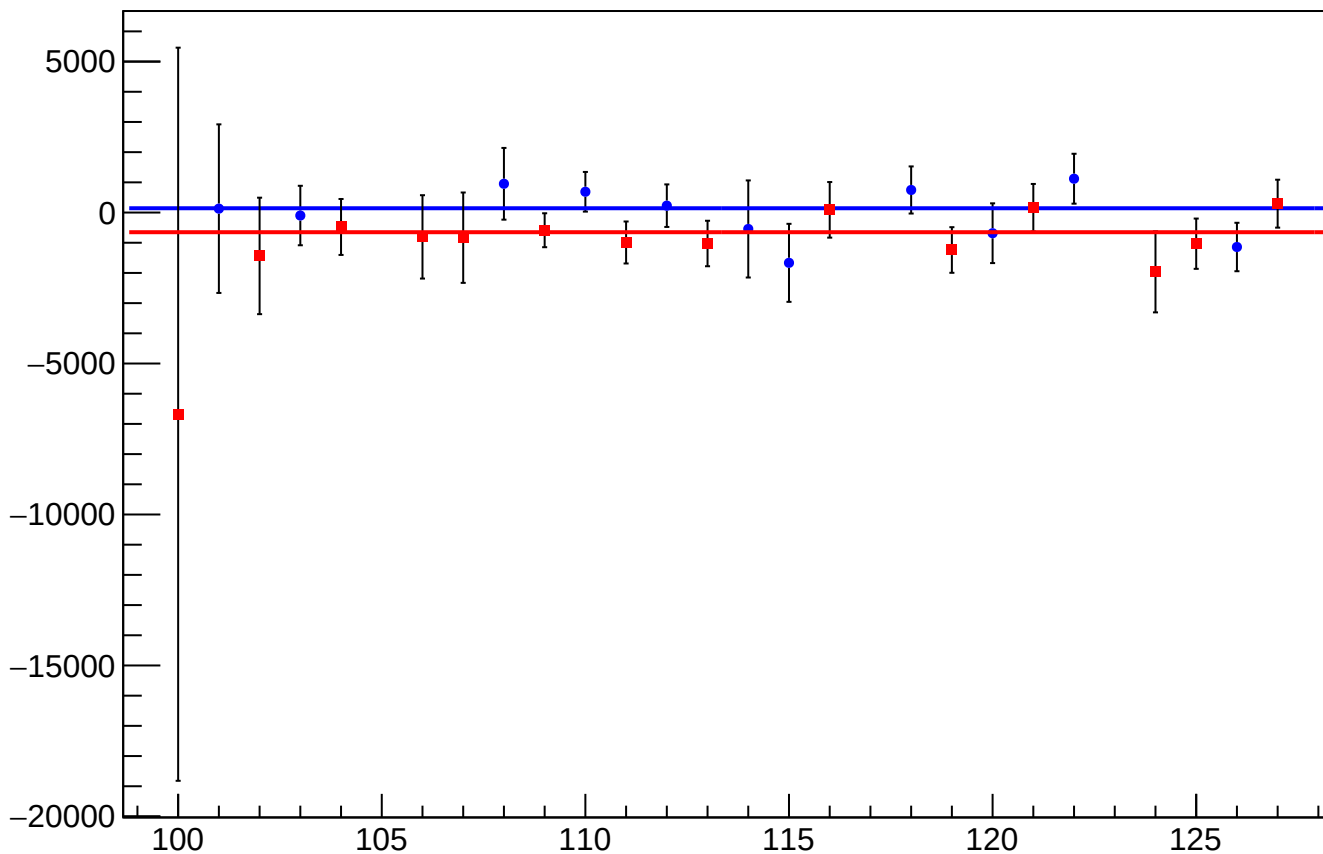
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2810.886+/-0.649 χ^2/NDF : 888647.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_cor_correction_mean vs Slug



Right In: 142.370+/-278.740 χ^2/NDF : 8.6/10

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

Right Out: -651.061+/-238.770 χ^2/NDF : 5.9/13

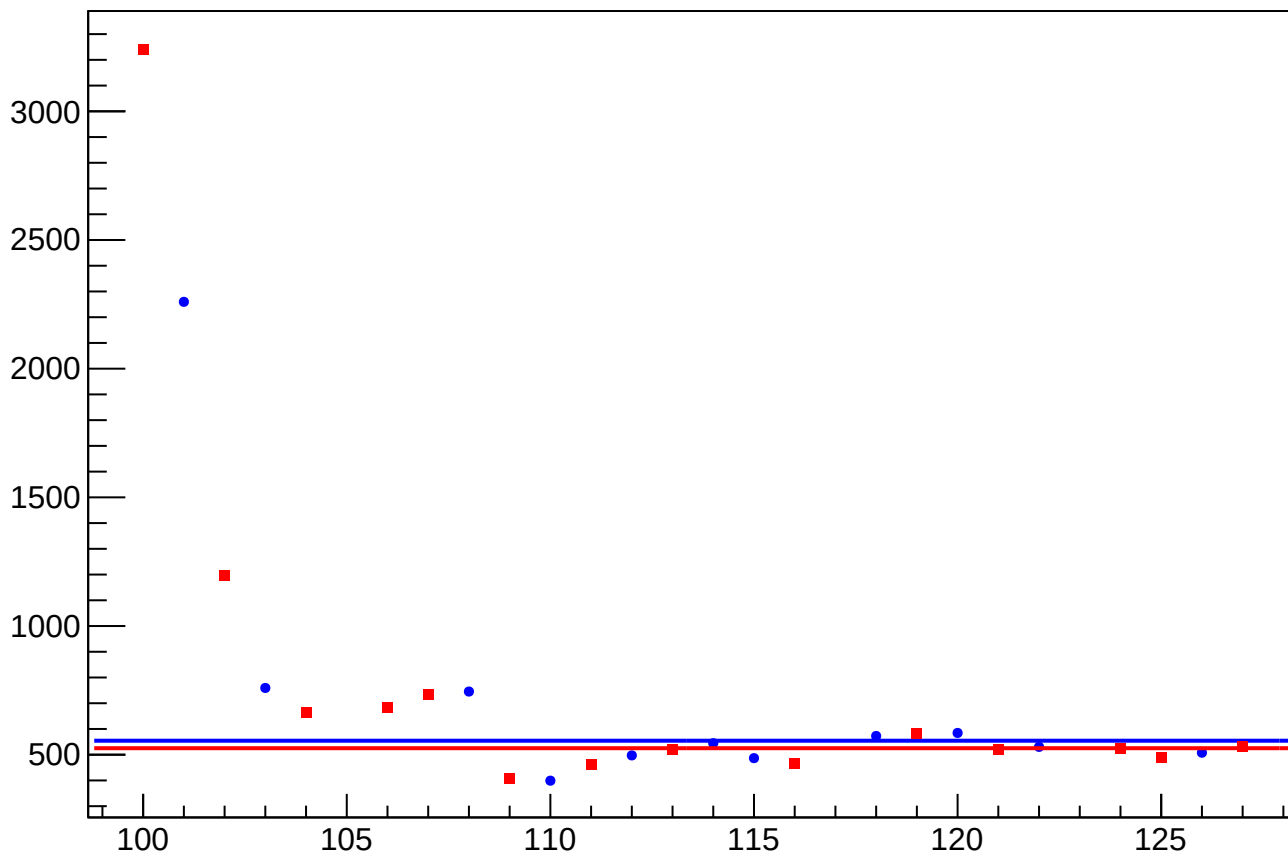
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -315.263+/-181.336 χ^2/NDF : 19.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_cor_correction_rms vs Slug



Right In: 554.357+/-0.197 χ^2/NDF : 1026645.6/10

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

Right Out: 525.236+/-0.169 χ^2/NDF : 583825.2/13

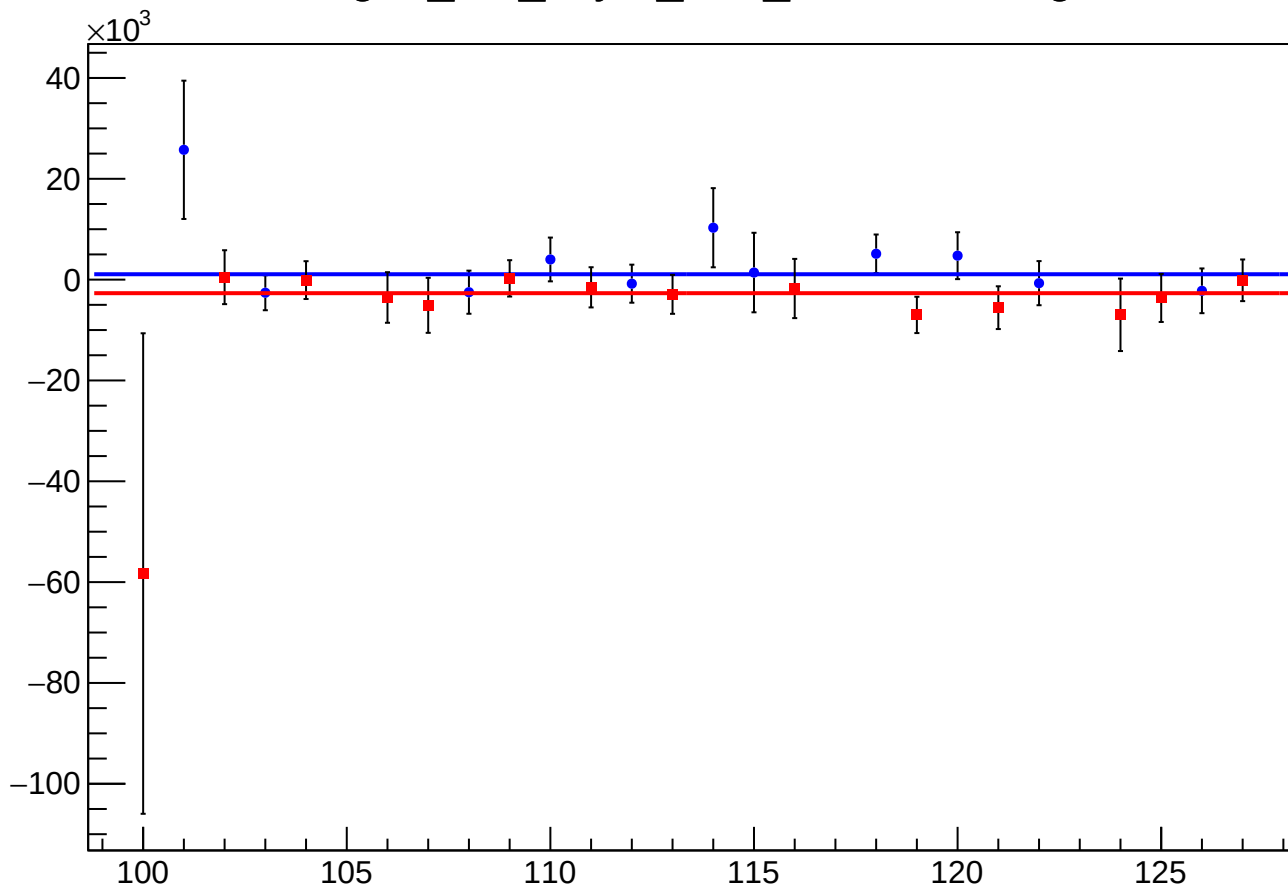
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 537.561+/-0.128 χ^2/NDF : 1623061.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr1_mean vs Slug



Right In: 1068.949 $\pm$ 1391.640 χ^2 /NDF: 9.6/10

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

Right Out: -2688.019 $\pm$ 1221.395 χ^2 /NDF: 5.9/13

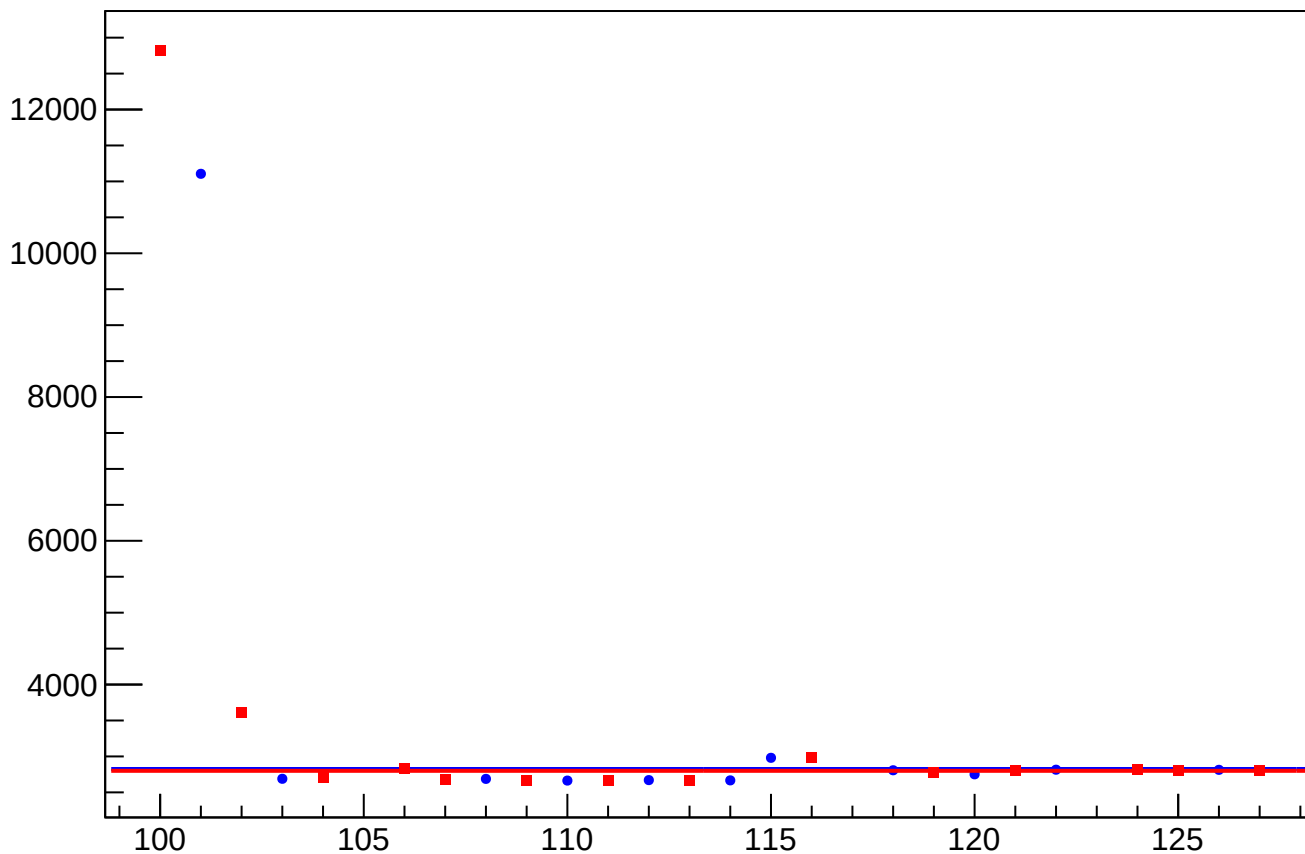
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -1053.276 $\pm$ 917.980 χ^2 /NDF: 19.6/24

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

eigen_cor_asym_atr1_rms vs Slug



Right In: 2825.162 $\pm$ 0.984 χ^2 /NDF: 742327.2/10

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

Right Out: 2799.890 $\pm$ 0.864 χ^2 /NDF: 145947.7/13

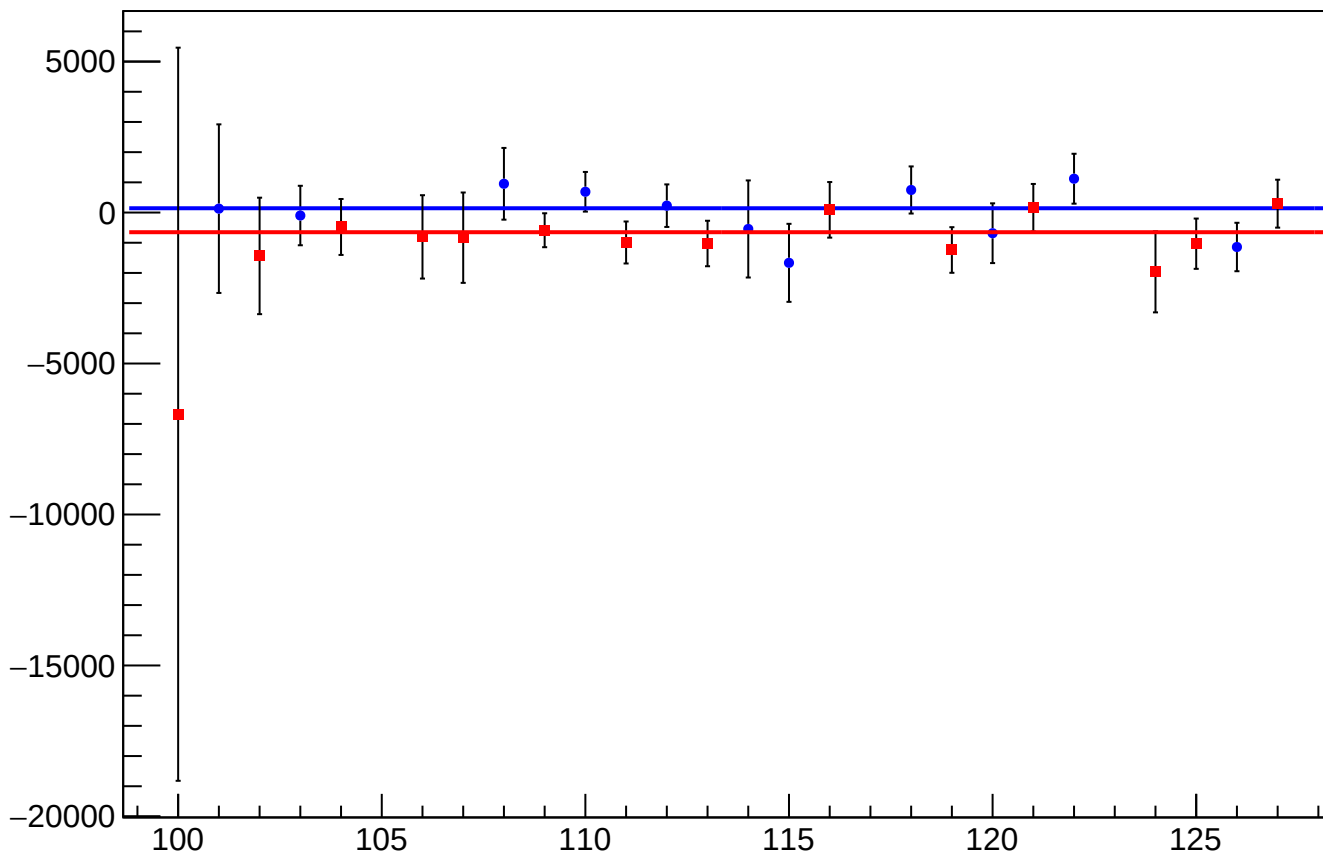
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 2810.886 $\pm$ 0.649 χ^2 /NDF: 888647.5/24

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

asym_atr1_eigen_cor_correction_mean vs Slug



Right In: 142.370+/-278.740 χ^2/NDF : 8.6/10

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

Right Out: -651.061+/-238.770 χ^2/NDF : 5.9/13

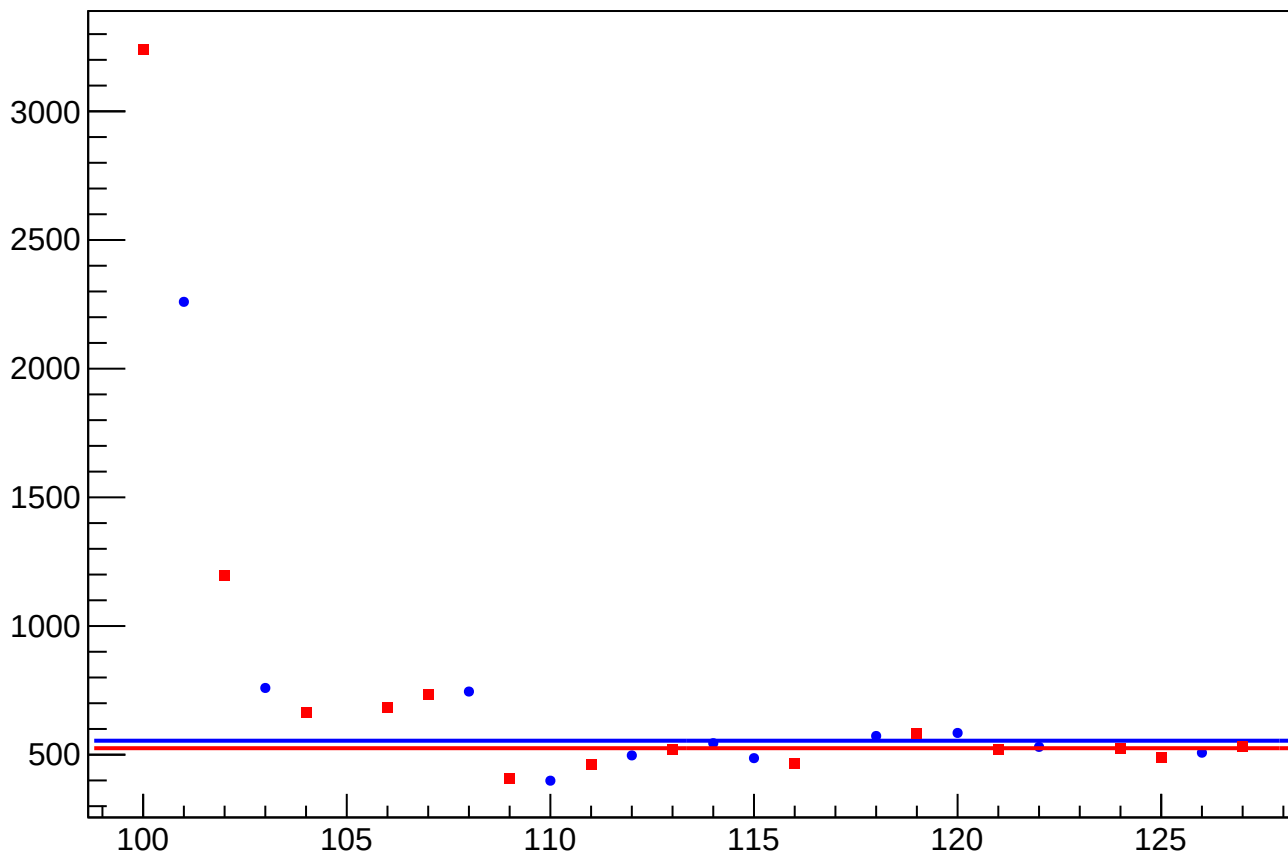
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -315.263+/-181.336 χ^2/NDF : 19.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_eigen_cor_correction_rms vs Slug



Right In: 554.357+/-0.197 χ^2/NDF : 1026645.6/10

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

Right Out: 525.236+/-0.169 χ^2/NDF : 583825.2/13

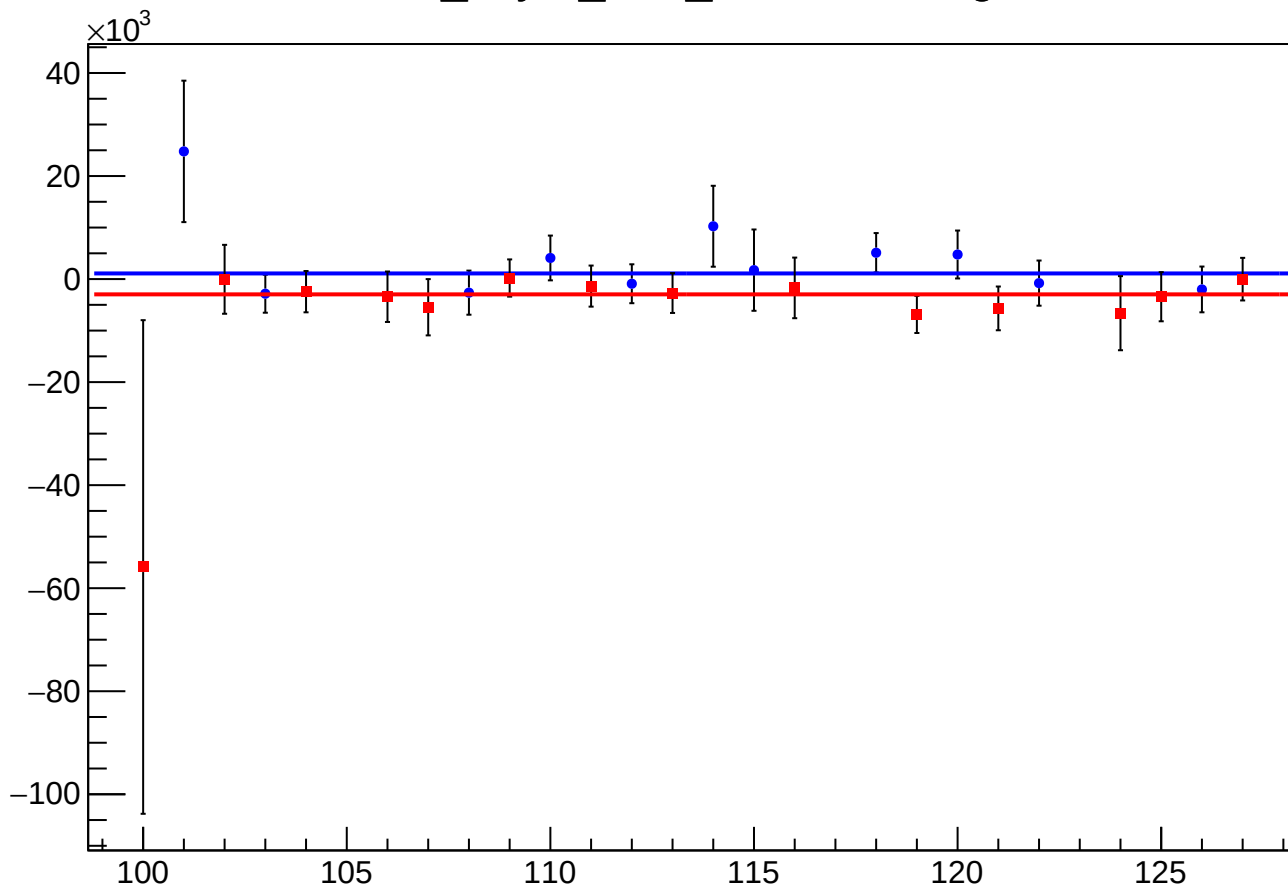
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 537.561+/-0.128 χ^2/NDF : 1623061.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr1_mean vs Slug



Right In: 1094.064 $\pm$ 1405.492 χ^2 /NDF: 9.4/10

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

Right Out: -2967.121 $\pm$ 1240.430 χ^2 /NDF: 5.0/13

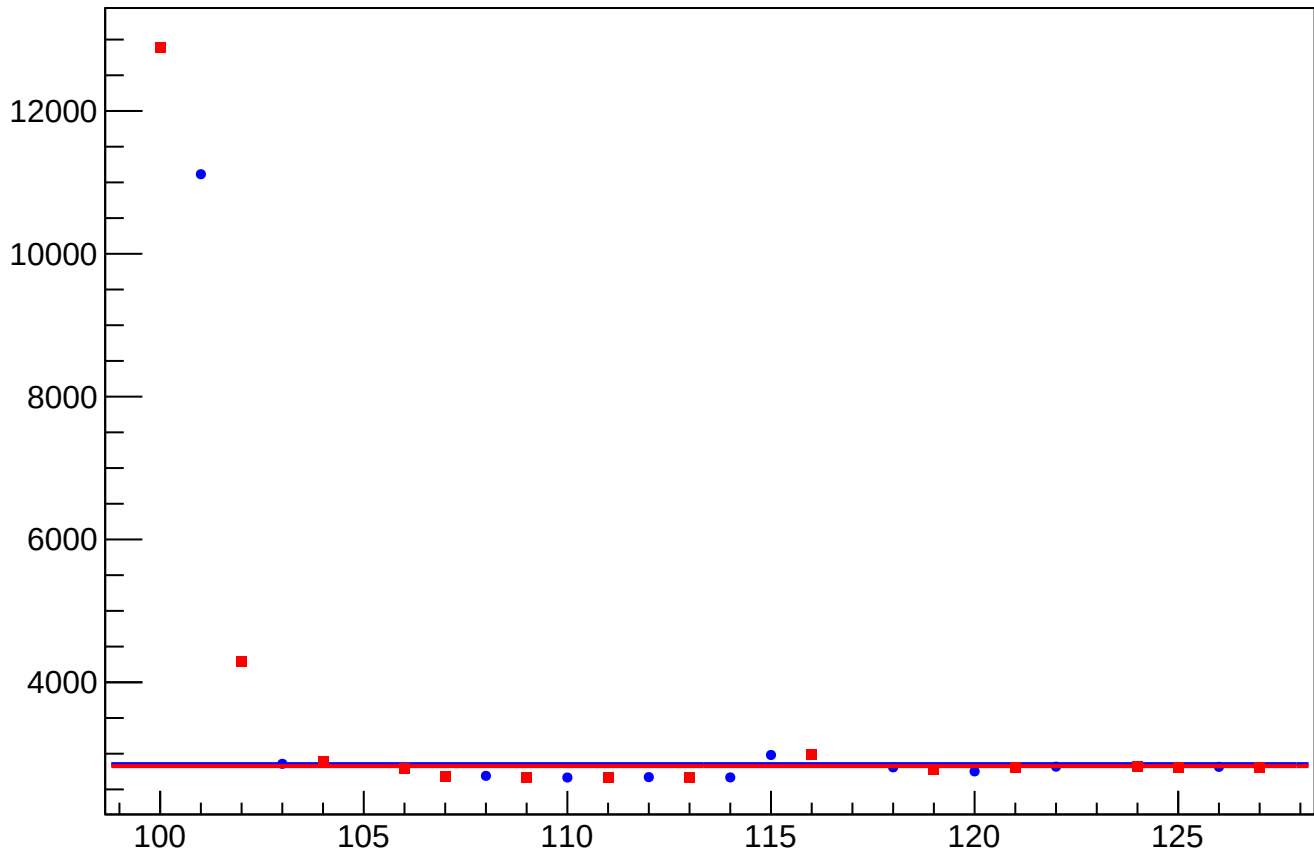
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -1188.898 $\pm$ 930.026 χ^2 /NDF: 19.1/24

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

dit_asym_atr1_rms vs Slug



Right In: 2853.873+/-0.994 χ^2/NDF : 738736.3/10

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

Right Out: 2825.979+/-0.877 χ^2/NDF : 199286.1/13

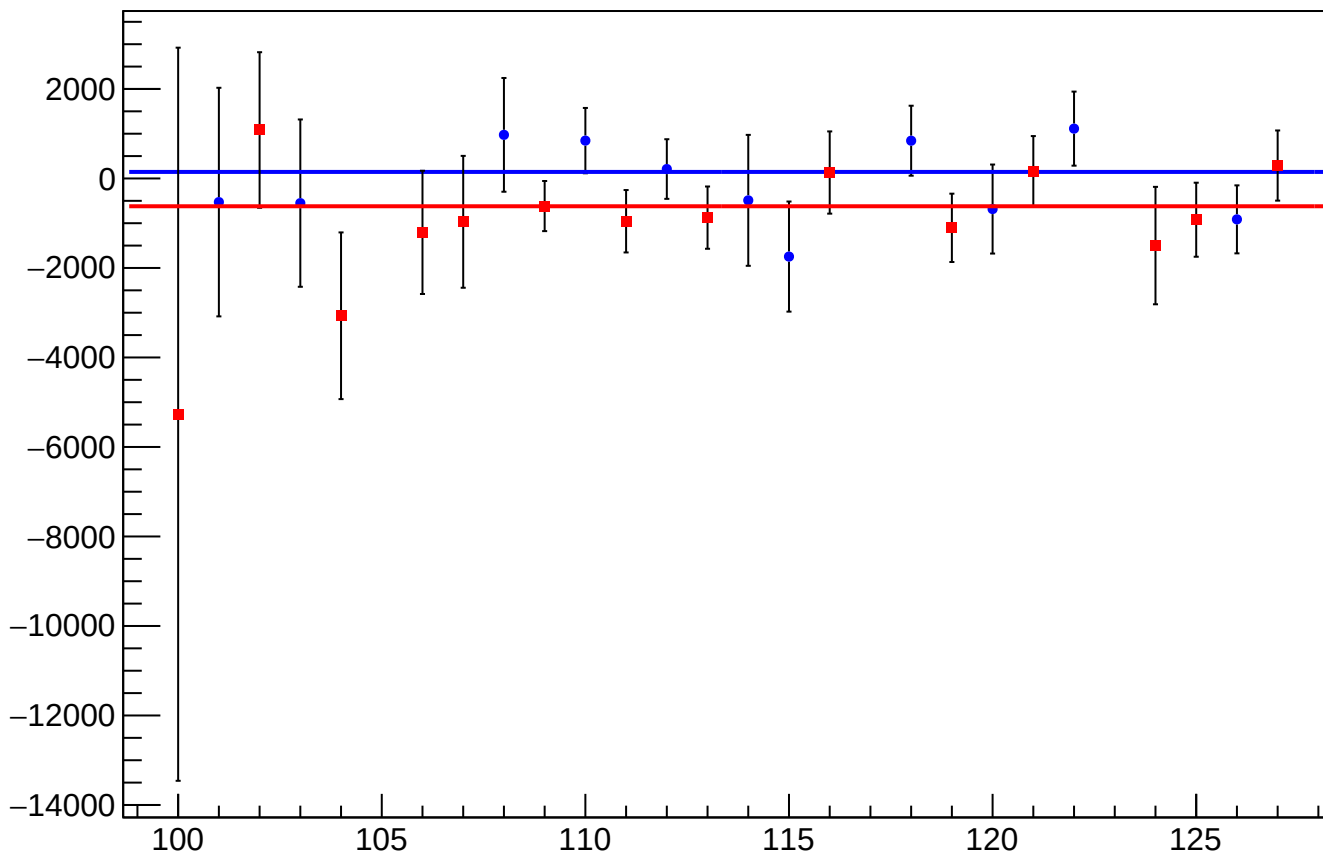
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2838.193+/-0.658 χ^2/NDF : 938465.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_dit_correction_mean vs Slug



Right In: 146.036 $\pm$ 286.817 χ^2 /NDF: 8.9/10

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

Right Out: -621.222 $\pm$ 241.573 χ^2 /NDF: 7.6/13

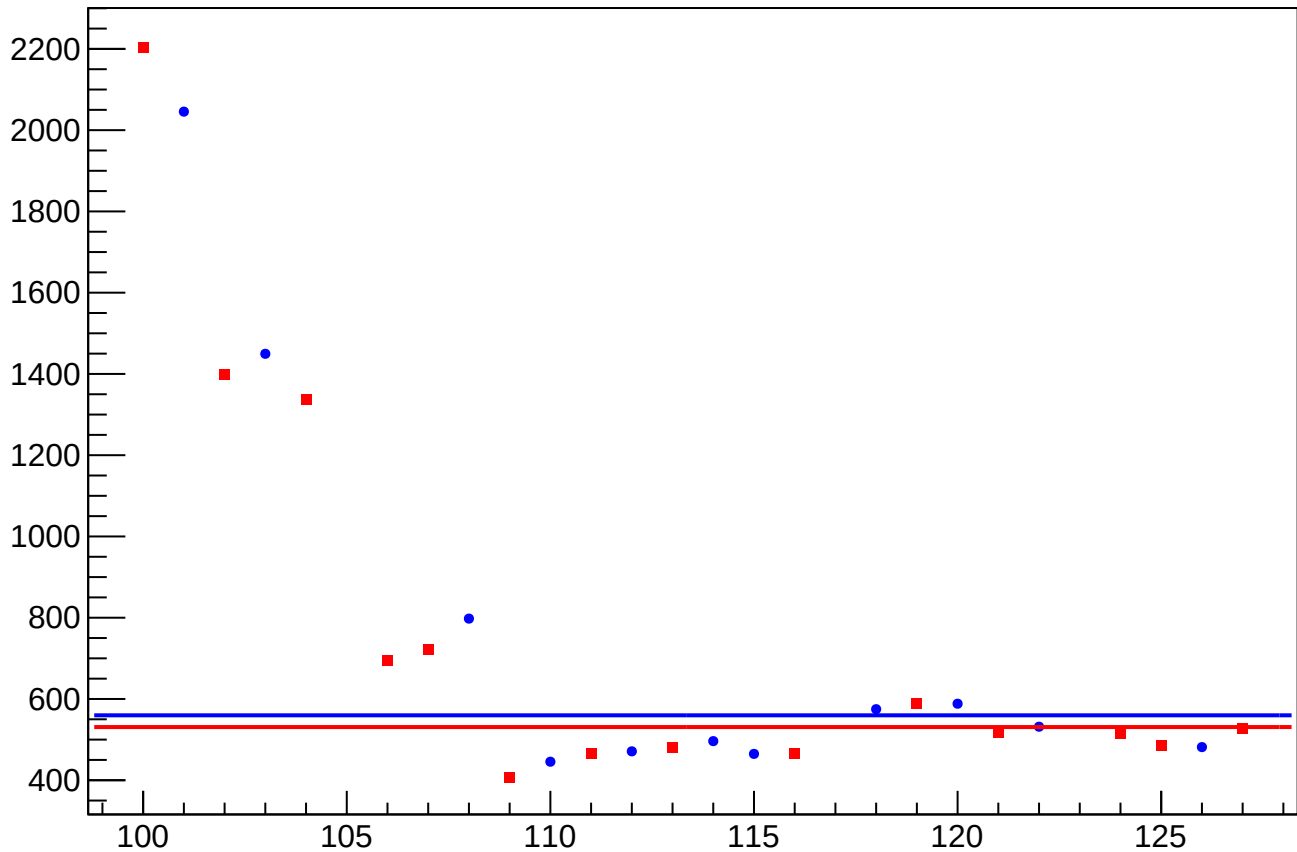
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -302.813 $\pm$ 184.768 χ^2 /NDF: 20.7/24

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

asym_atr1_dit_correction_rms vs Slug



Right In: 559.809 $\pm$ 0.203 χ^2 /NDF: 1326025.3/10

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

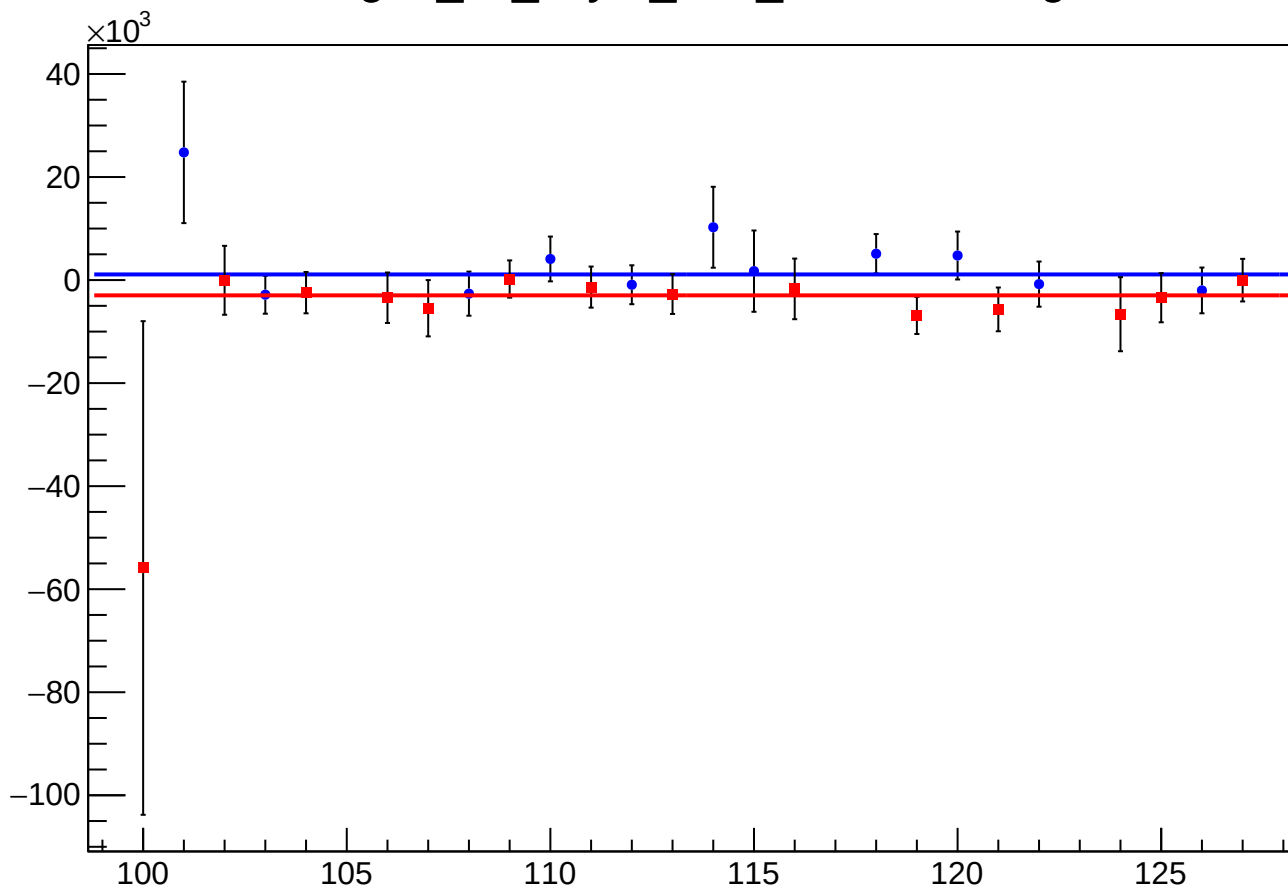
Right Out: 530.904 $\pm$ 0.171 χ^2 /NDF: 1173782.2/13

All: 542.899 $\pm$ 0.131 χ^2 /NDF: 2511689.9/24

- 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_atr1_mean vs Slug



Right In: 1094.063+/-1405.492 χ^2/NDF : 9.4/10

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

Right Out: -2967.120+/-1240.430 χ^2/NDF : 5.0/13

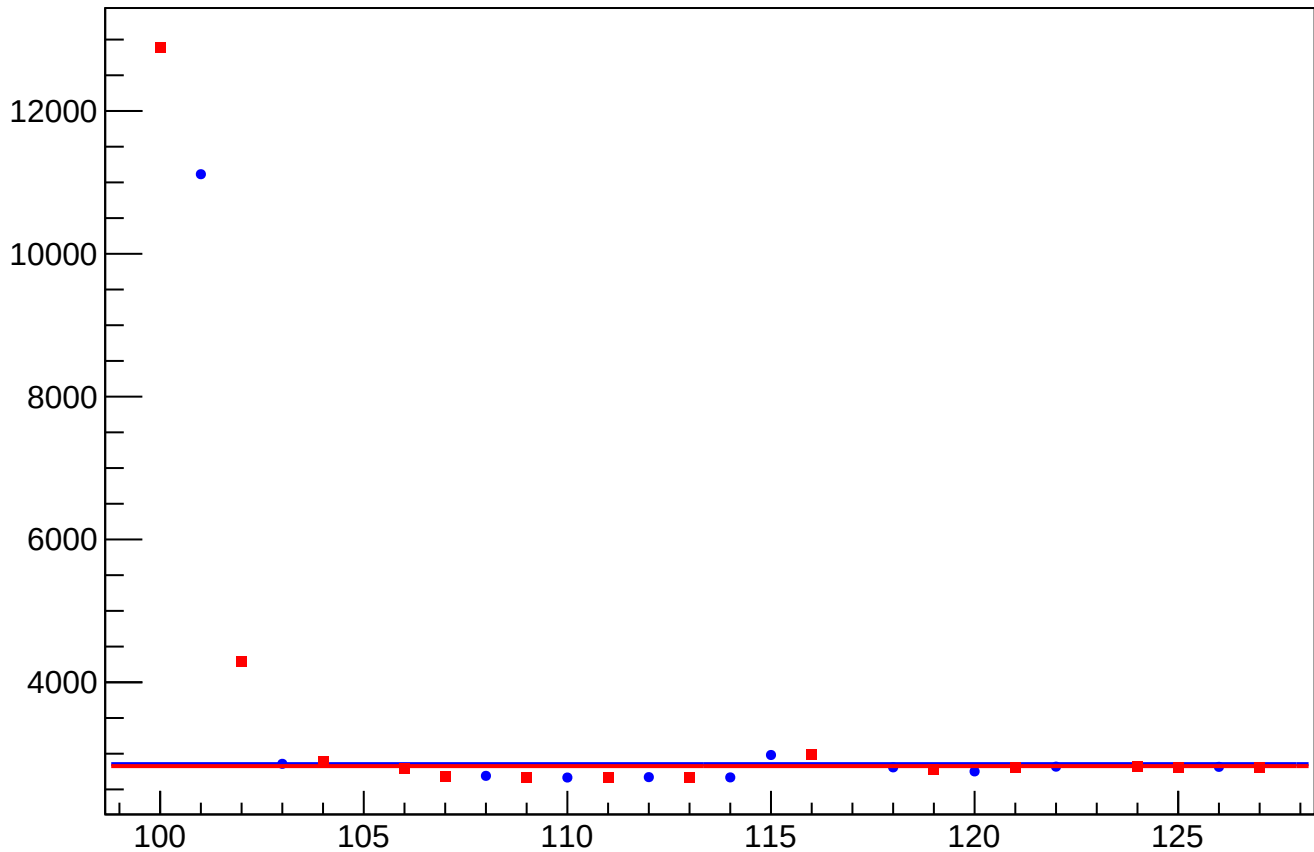
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1188.897+/-930.026 χ^2/NDF : 19.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr1_rms vs Slug



Right In: 2853.873+/-0.994 χ^2/NDF : 738736.3/10

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

Right Out: 2825.979+/-0.877 χ^2/NDF : 199285.9/13

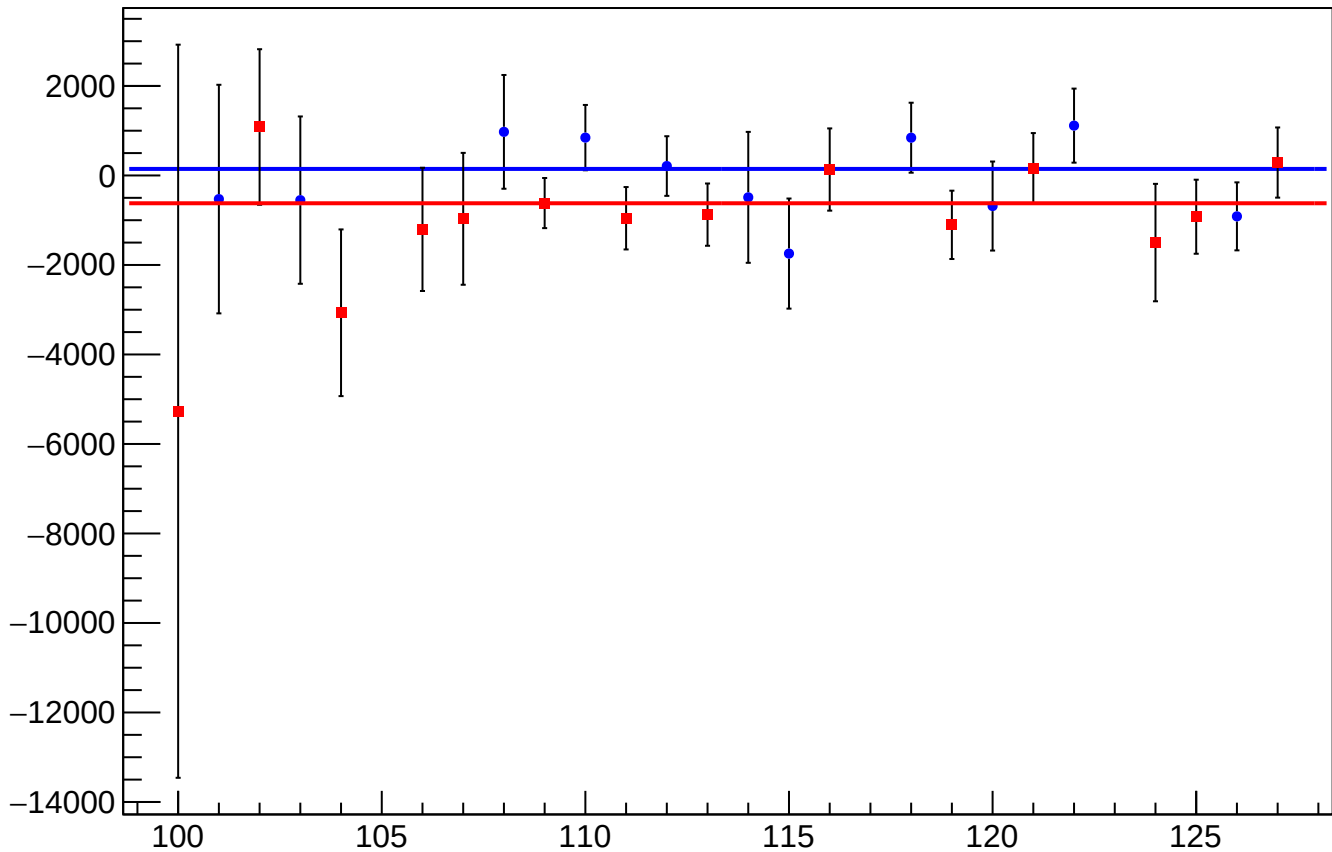
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2838.193+/-0.658 χ^2/NDF : 938465.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_eigen_dit_correction_mean vs Slug



Right In: 146.037 $\pm$ 286.818 χ^2 /NDF: 8.9/10

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

Right Out: -621.222 $\pm$ 241.573 χ^2 /NDF: 7.6/13

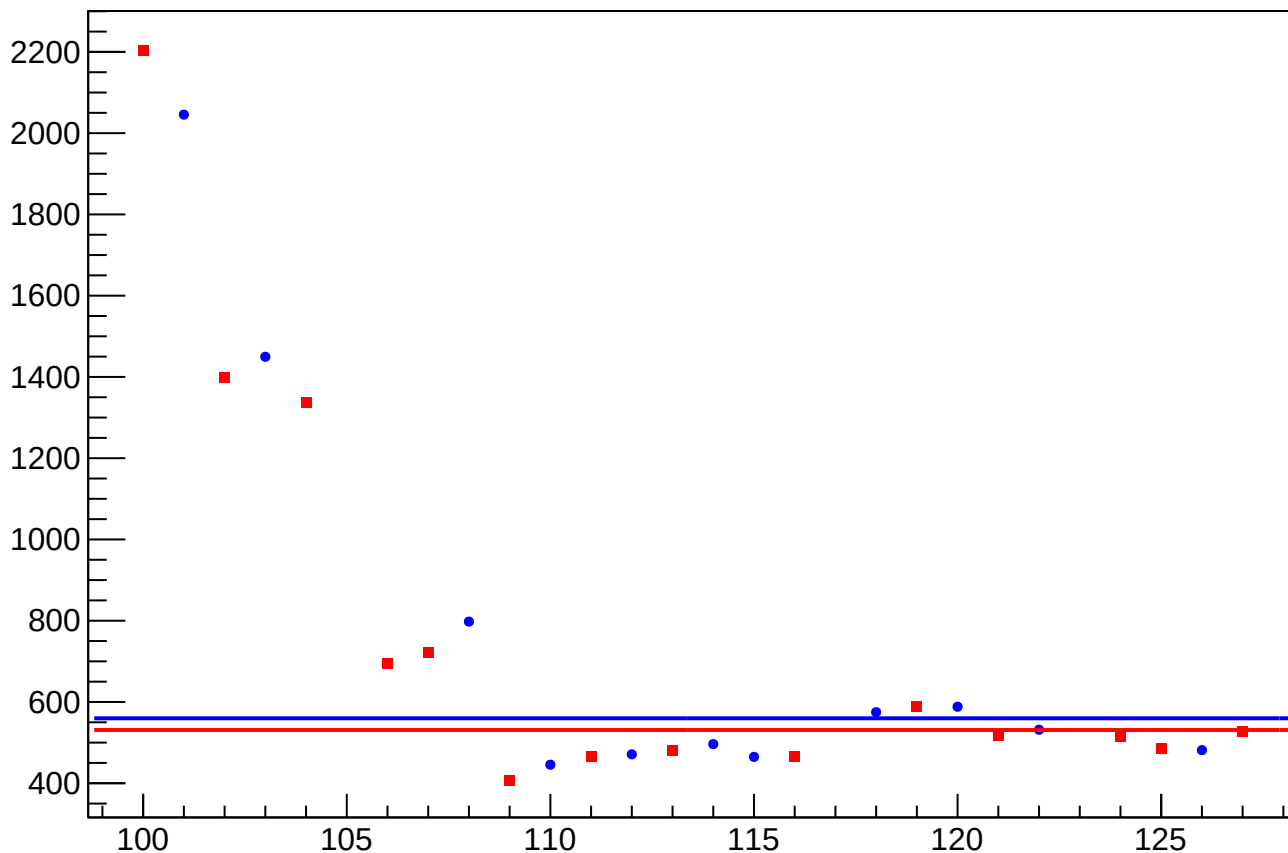
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -302.813 $\pm$ 184.768 χ^2 /NDF: 20.7/24

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

asym_atr1_eigen_dit_correction_rms vs Slug



Right In: 559.809 $\pm$ 0.203 χ^2 /NDF: 1326019.1/10

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

Right Out: 530.905 $\pm$ 0.171 χ^2 /NDF: 1173778.2/13

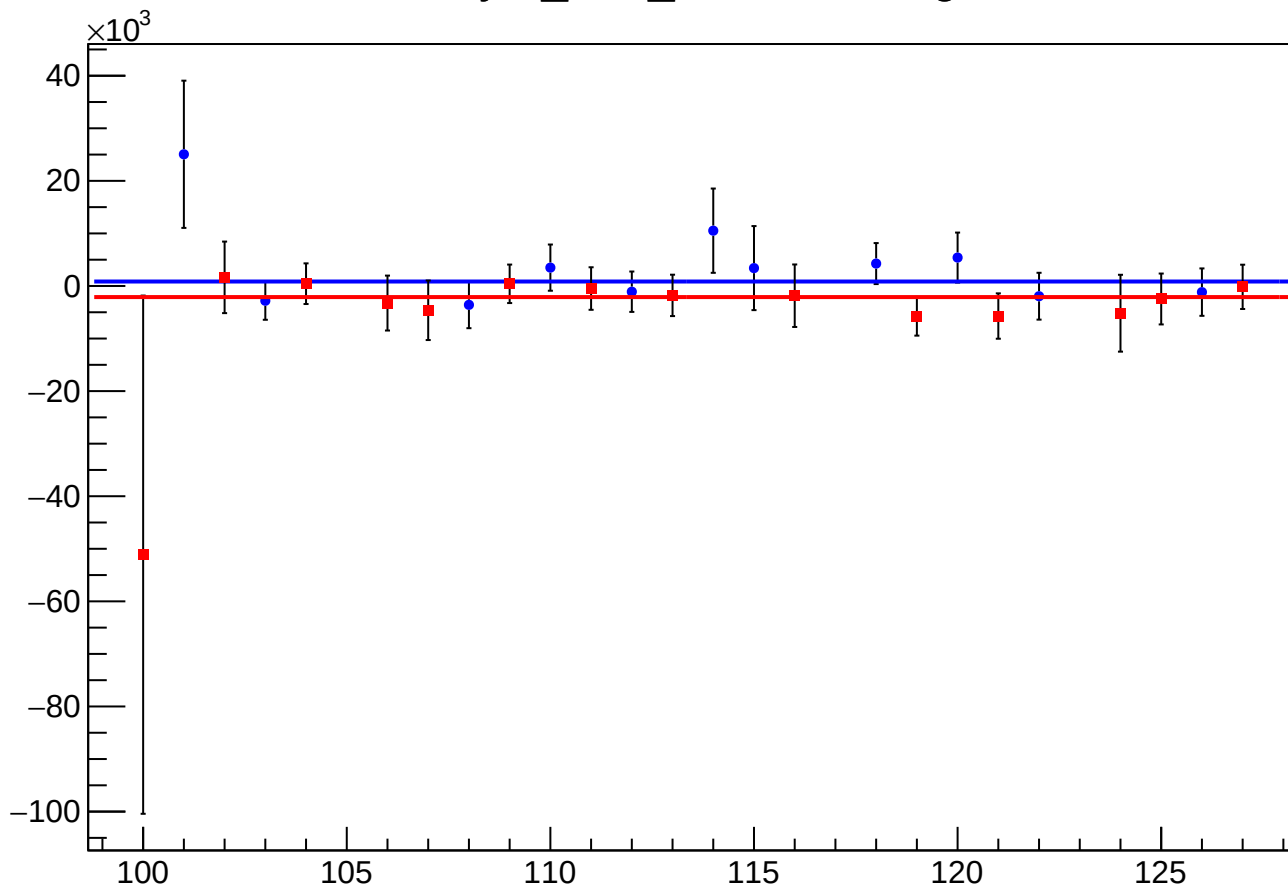
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 542.900 $\pm$ 0.131 χ^2 /NDF: 2511680.1/24

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

asym_atr1_mean vs Slug



Right In: 849.781 ± 1425.075 χ^2/NDF : 9.5/10

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

Right Out: -2110.876 ± 1259.626 χ^2/NDF : 4.7/13

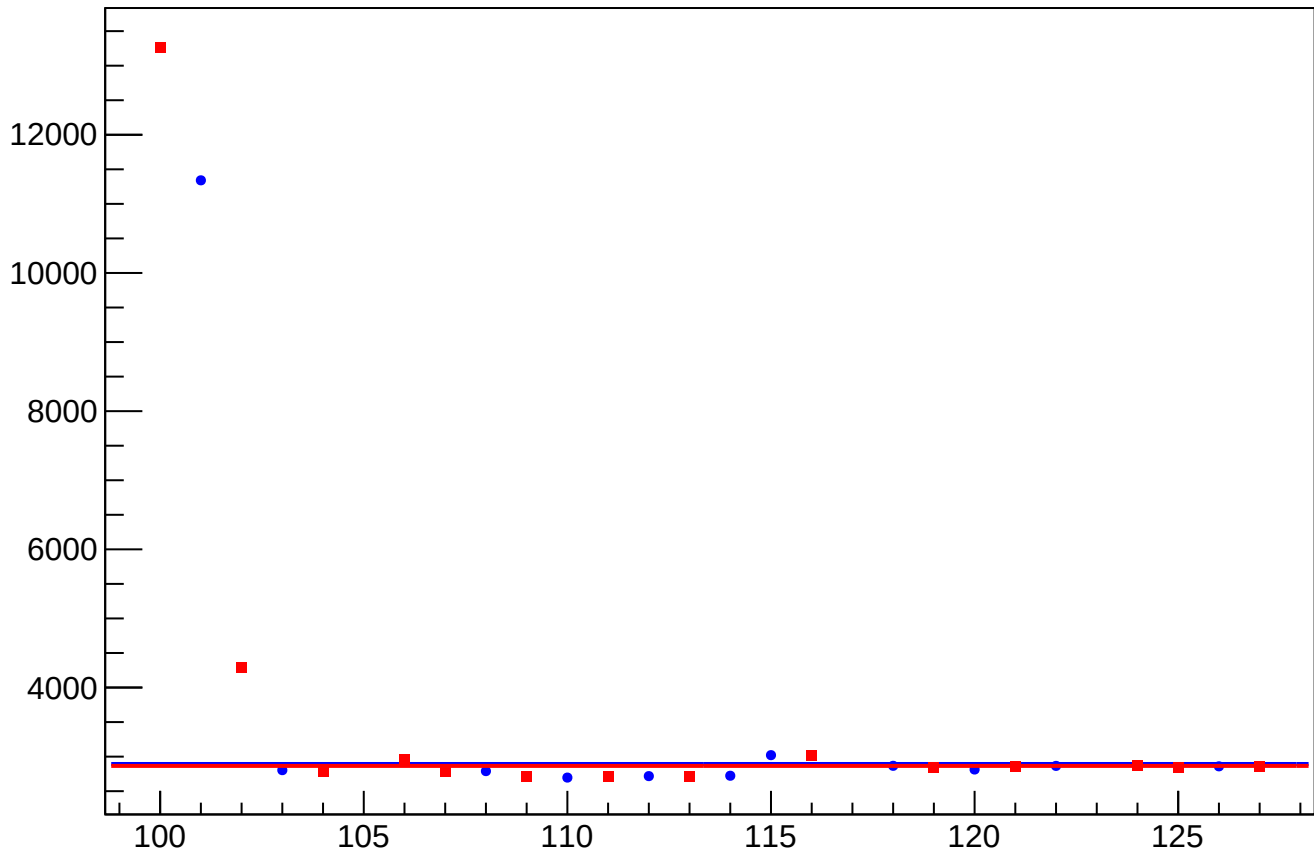
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -812.312 ± 943.790 χ^2/NDF : 16.6/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr1_rms vs Slug



Right In: 2893.503+/-1.008 χ^2/NDF : 740302.1/10

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

Right Out: 2865.791+/-0.891 χ^2/NDF : 190234.6/13

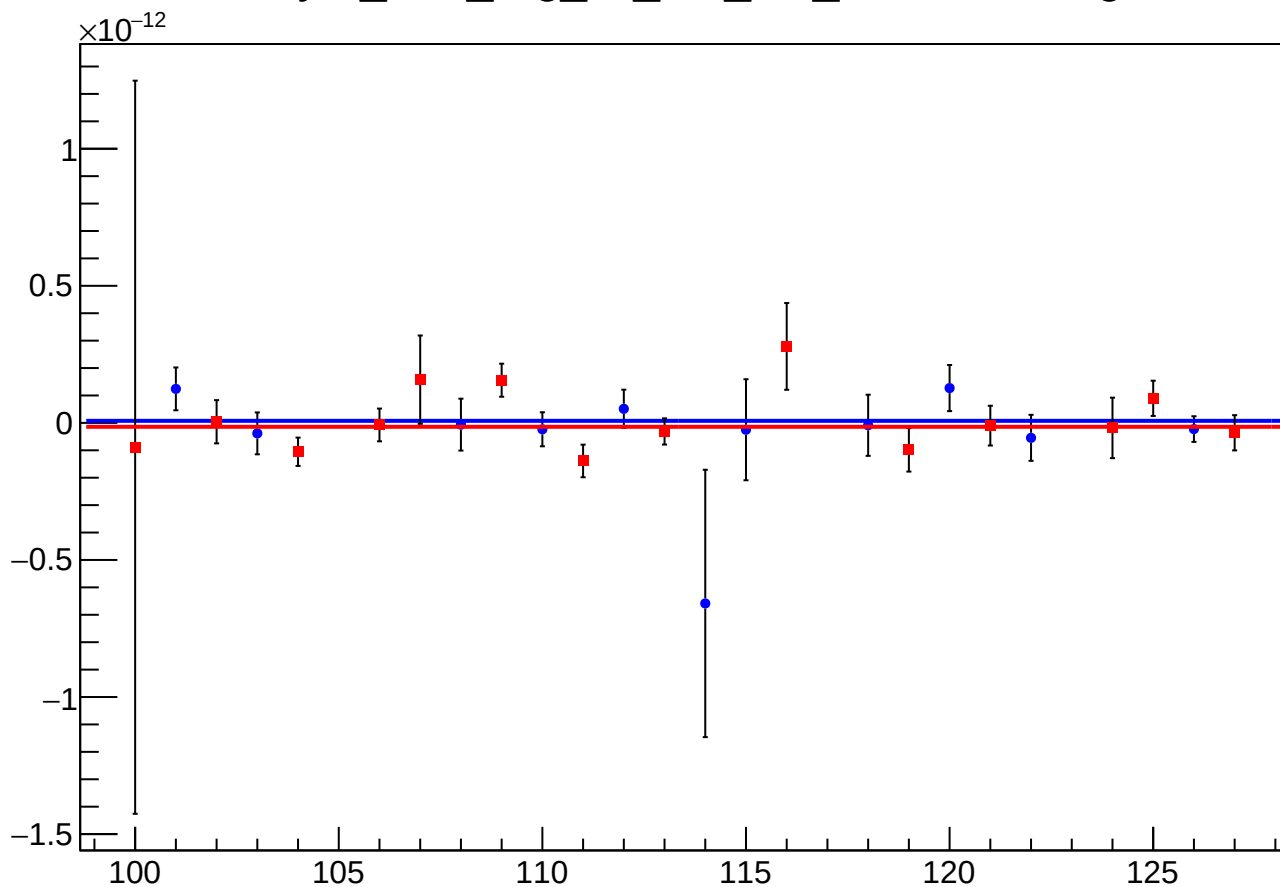
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2877.945+/-0.667 χ^2/NDF : 930961.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.1/10

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 24.1/13

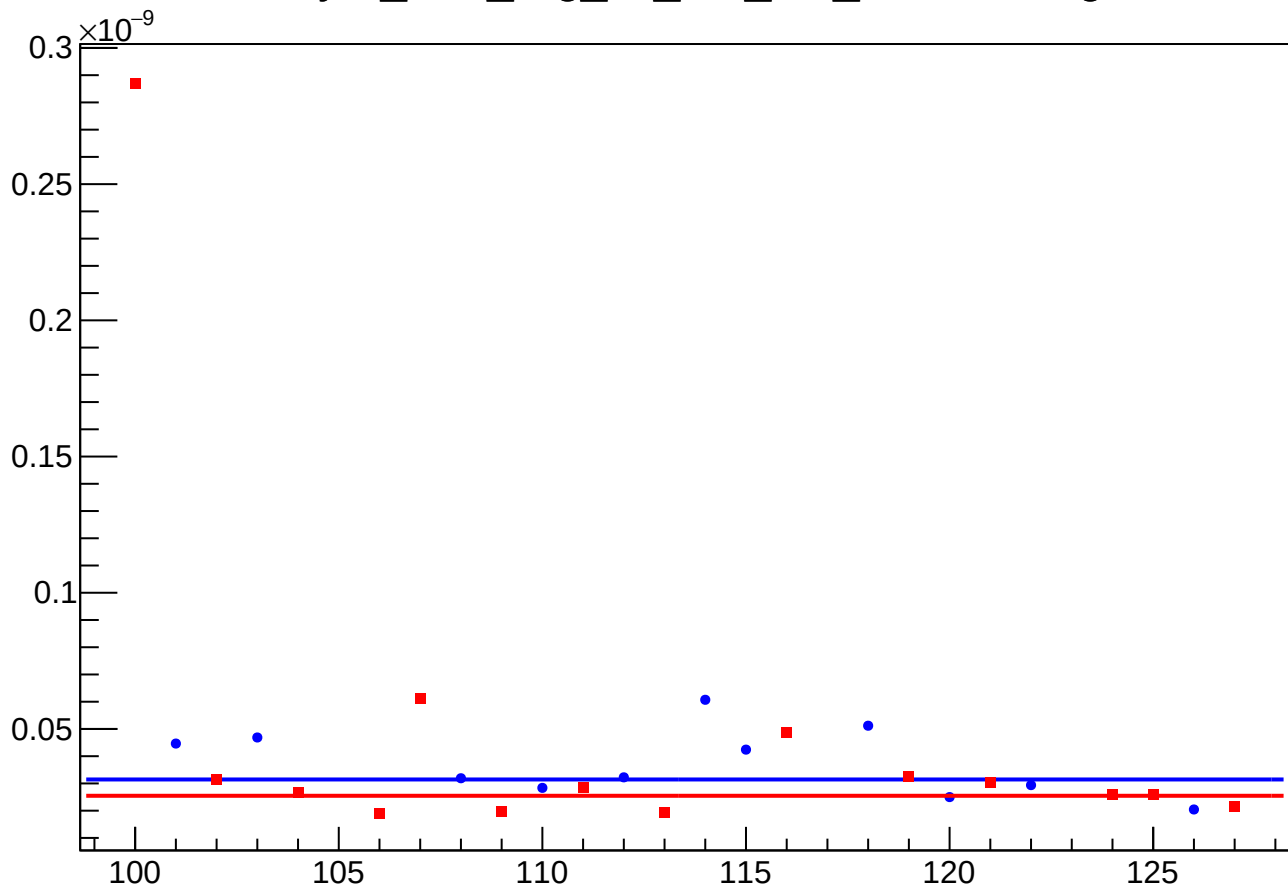
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 32.7/24

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

asym_atr1_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 +/- 0.000 χ^2/NDF : 344475.4/10

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

Right Out: 0.000 +/- 0.000 χ^2/NDF : 343210.6/13

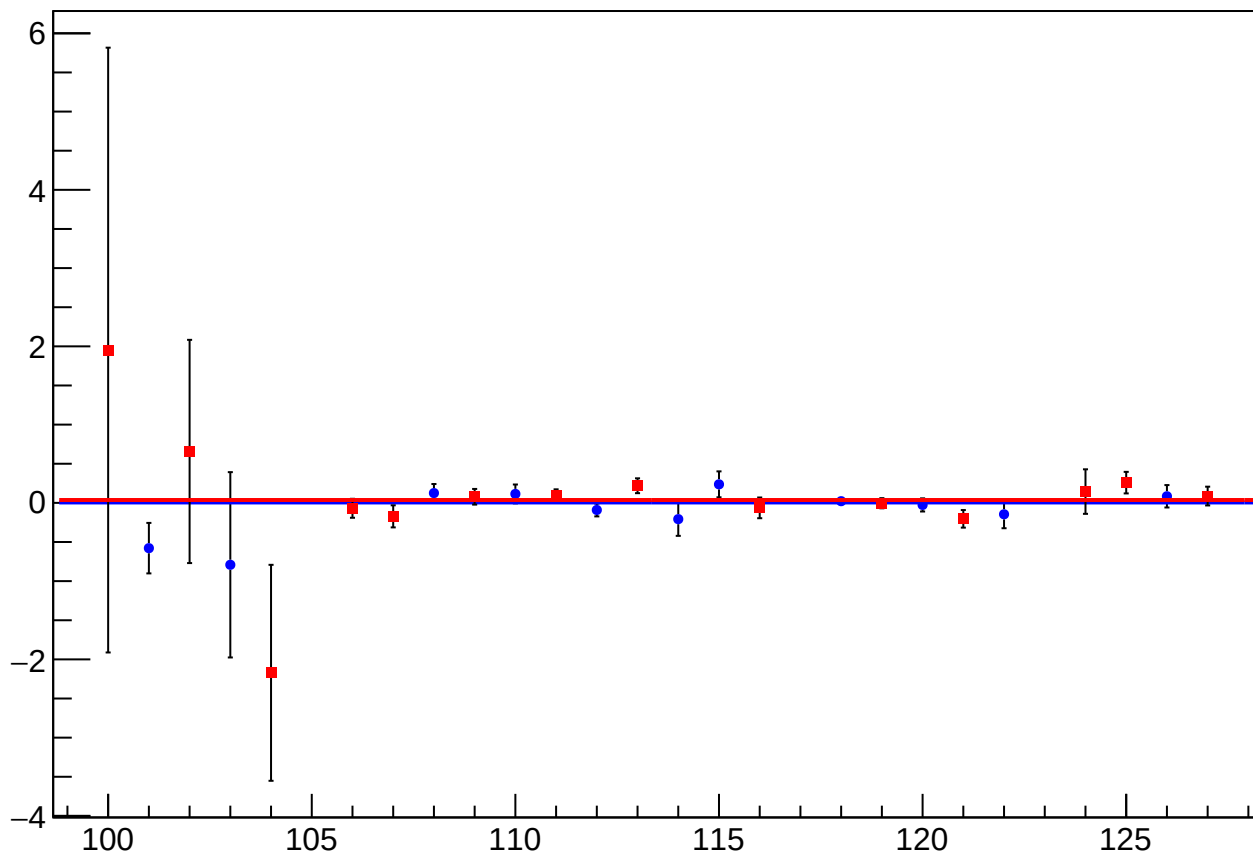
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 0.000 +/- 0.000 χ^2/NDF : 765446.8/24

- sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

asym_atr1_dit_vs_cor_diff_mean vs Slug



Right In: 0.005 $\pm$ 0.033 χ^2 /NDF: 11.2/10

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

Right Out: 0.036 $\pm$ 0.031 χ^2 /NDF: 19.0/13

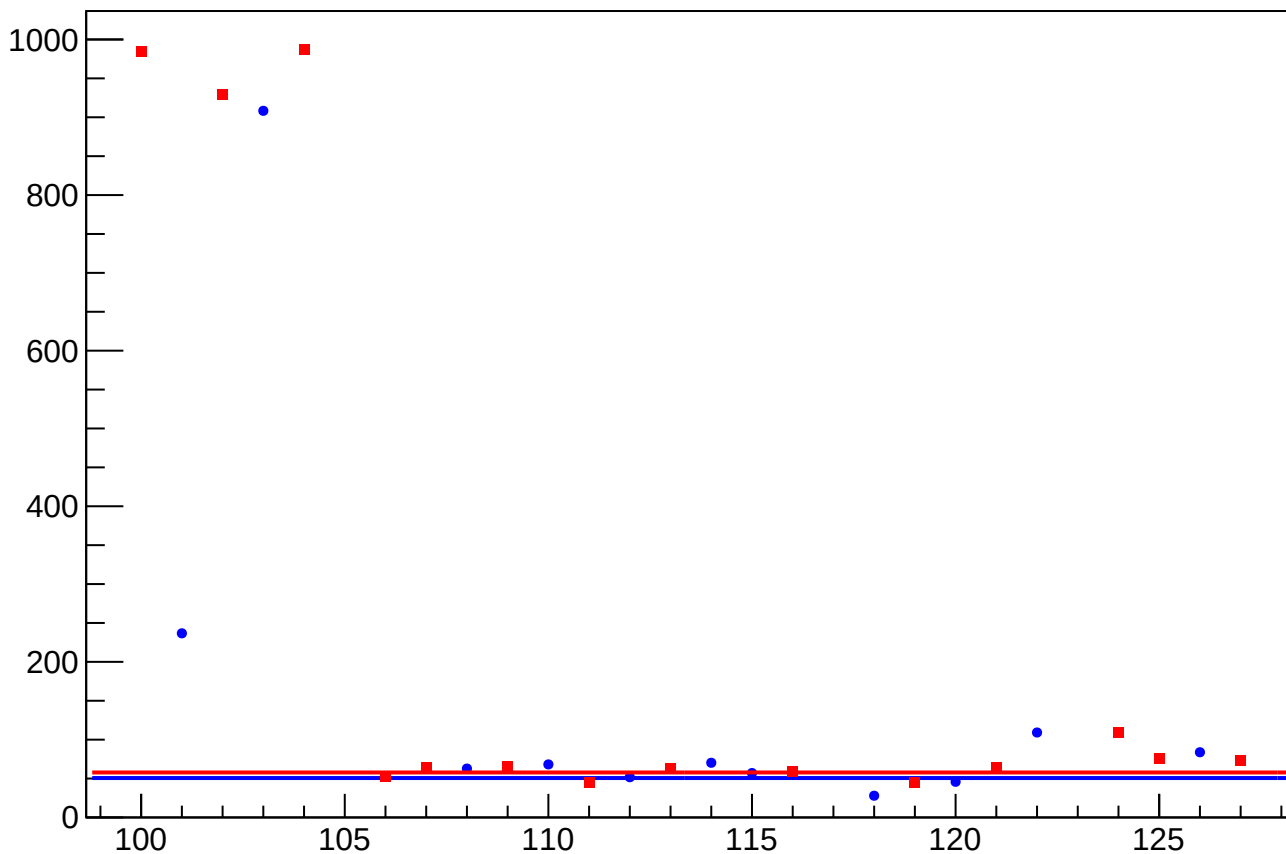
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.022 $\pm$ 0.023 χ^2 /NDF: 30.7/24

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

asym_atr1_dit_vs_cor_diff_rms vs Slug



Right In: 50.661+/-0.023 χ^2/NDF : 2496603.2/10

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

Right Out: 57.821+/-0.022 χ^2/NDF : 2085534.6/13

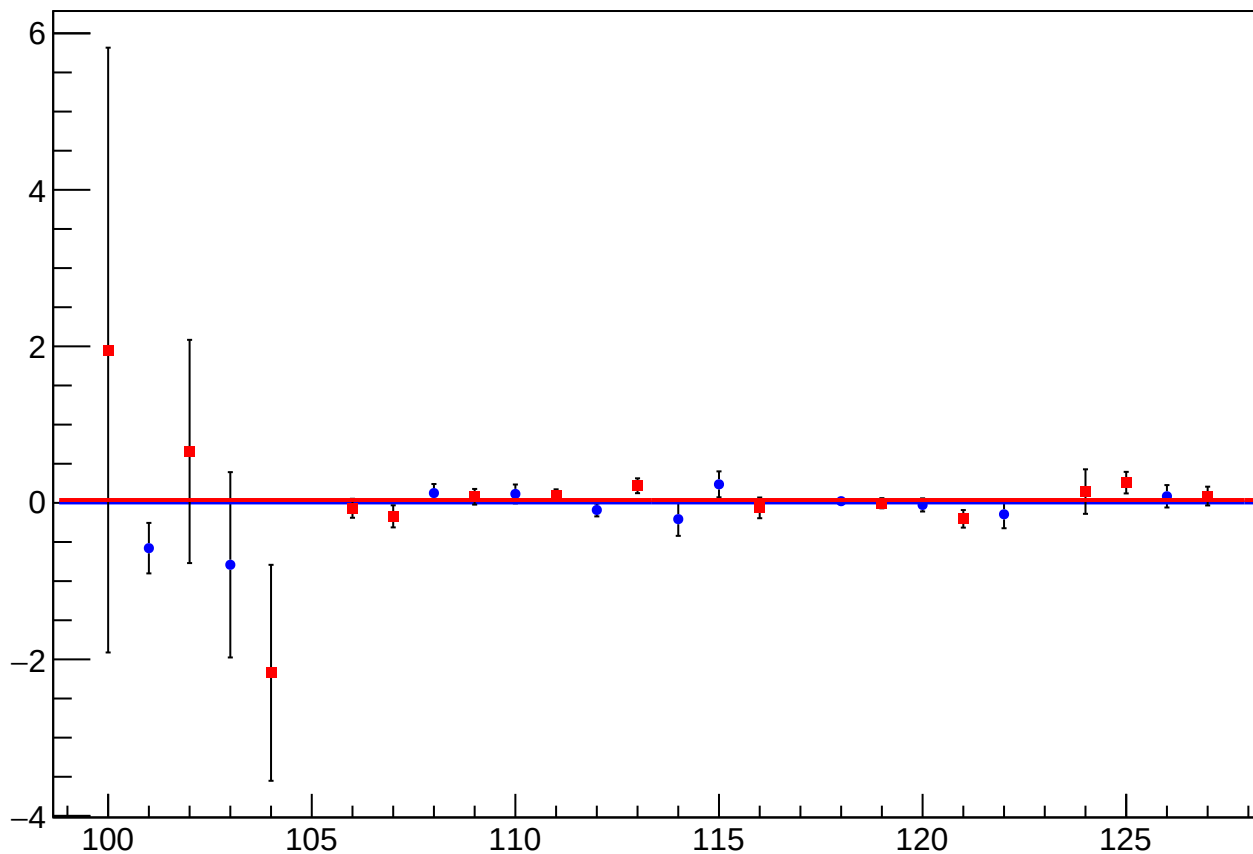
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.399+/-0.016 χ^2/NDF : 4632443.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.005 $\pm$ 0.033 χ^2 /NDF: 11.2/10

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

Right Out: 0.036 $\pm$ 0.031 χ^2 /NDF: 19.0/13

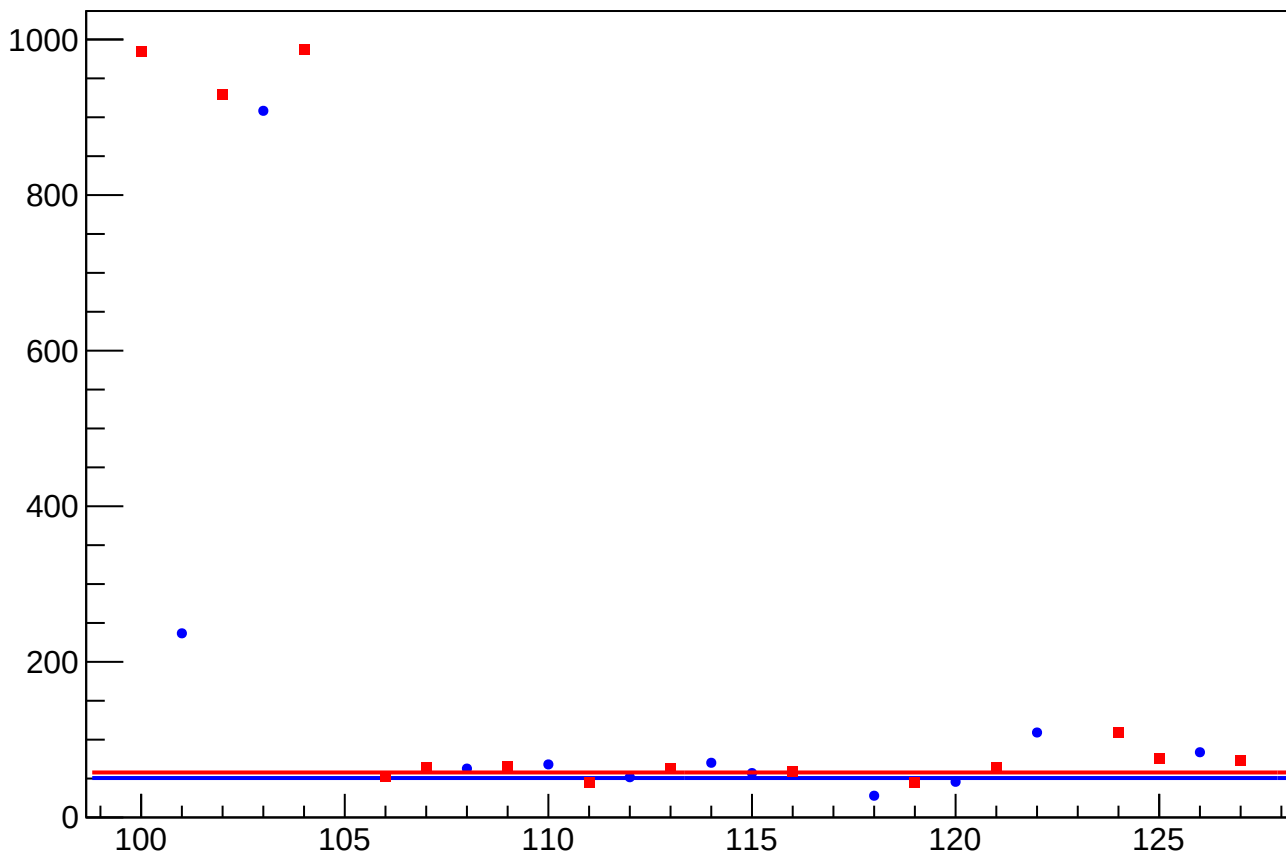
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.022 $\pm$ 0.023 χ^2 /NDF: 30.7/24

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

asym_atr1_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 50.661+/-0.023 χ^2/NDF : 2496603.2/10

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

Right Out: 57.821+/-0.022 χ^2/NDF : 2085534.6/13

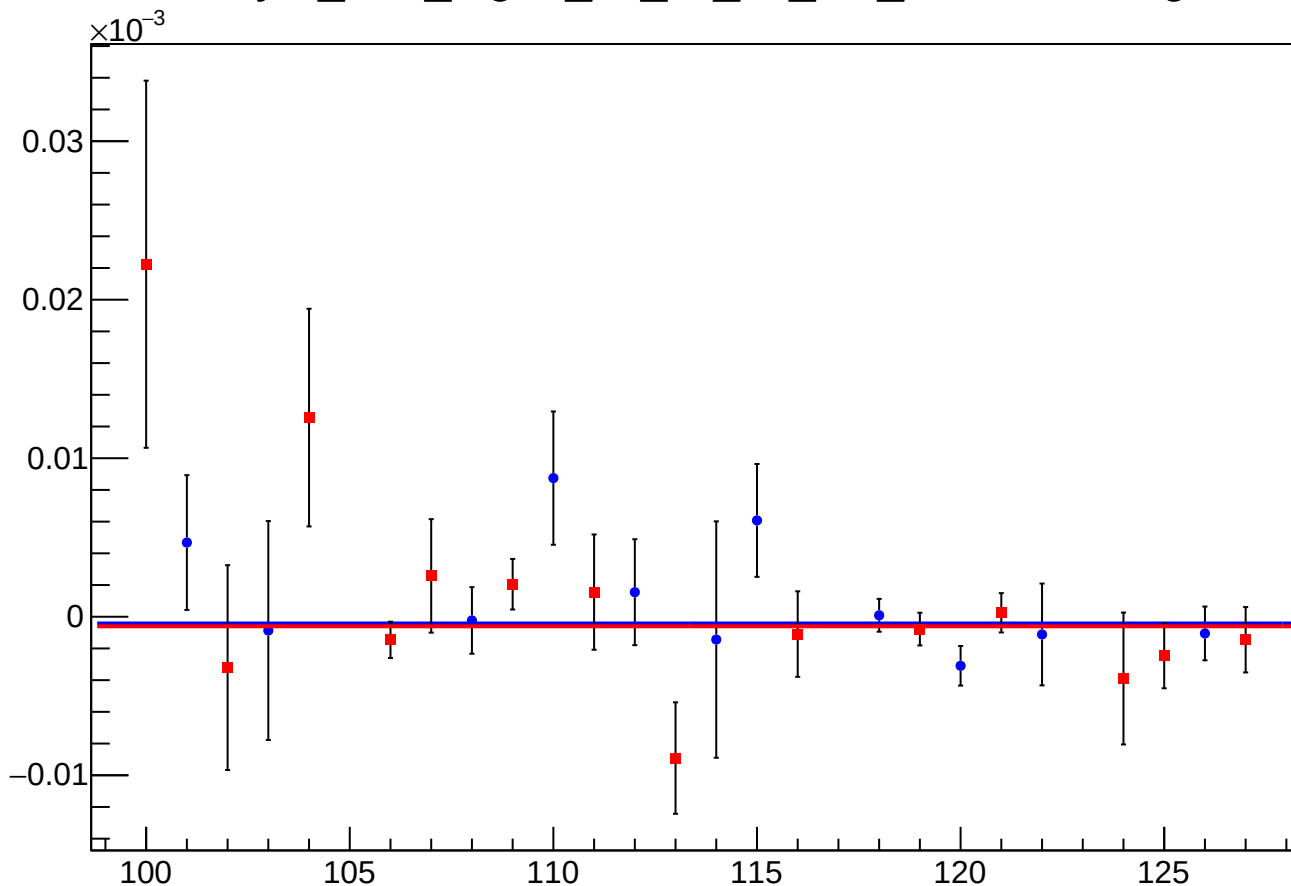
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.399+/-0.016 χ^2/NDF : 4632443.4/24

- sign 0.000+/-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: 14.9/10

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 20.0/13

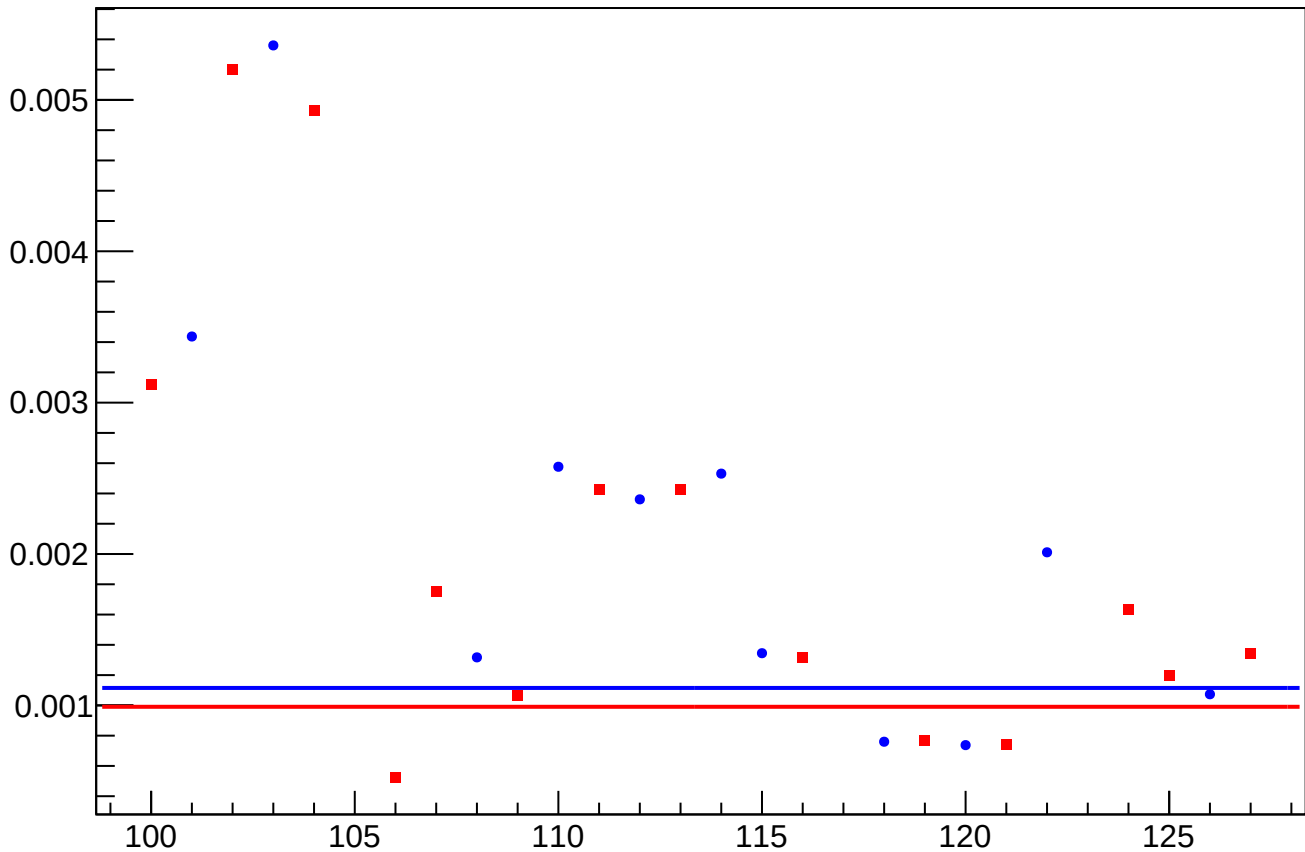
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 34.9/24

- 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 : 2545823.4/10

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

Right Out: 0.001+/-0.000 χ^2/NDF : 2979297.5/13

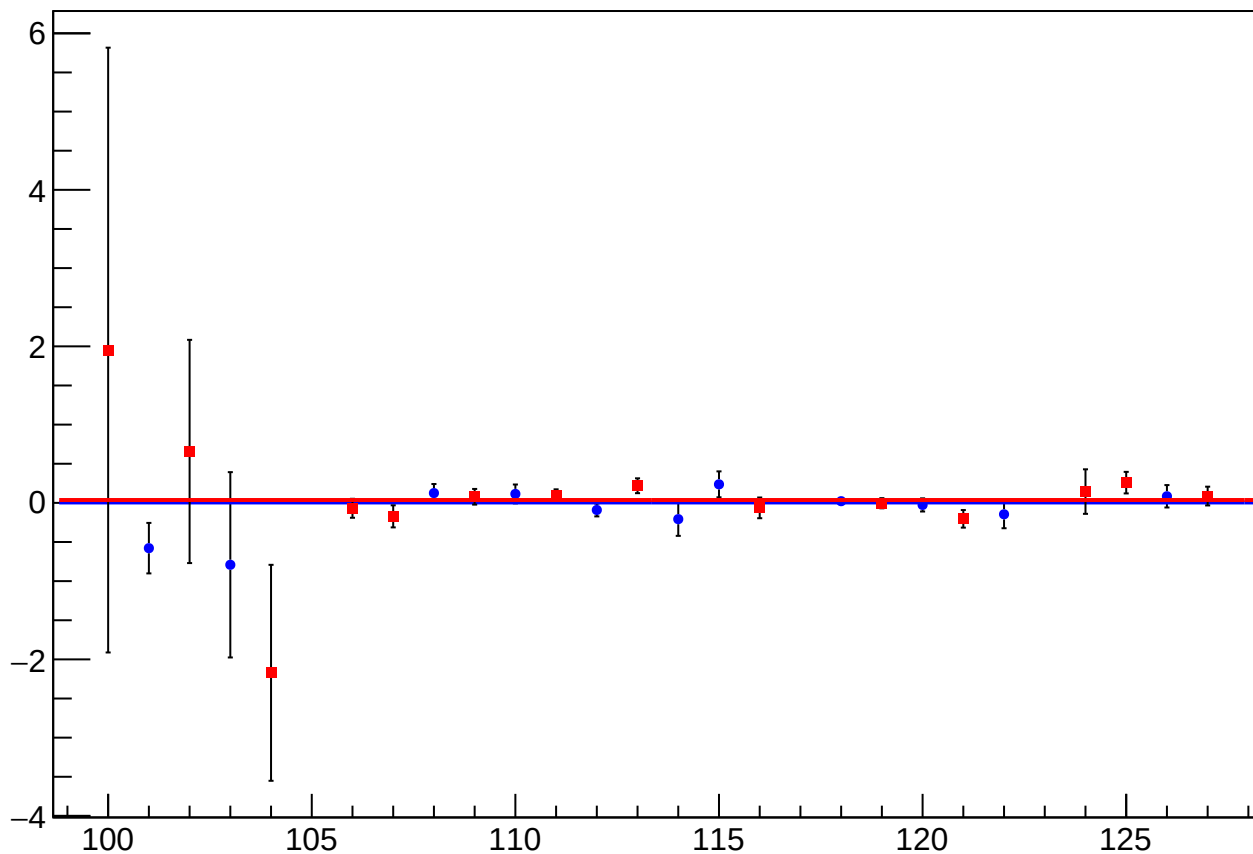
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5572133.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.005 $\pm$ 0.033 χ^2 /NDF: 11.2/10

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

Right Out: 0.036 $\pm$ 0.031 χ^2 /NDF: 19.0/13

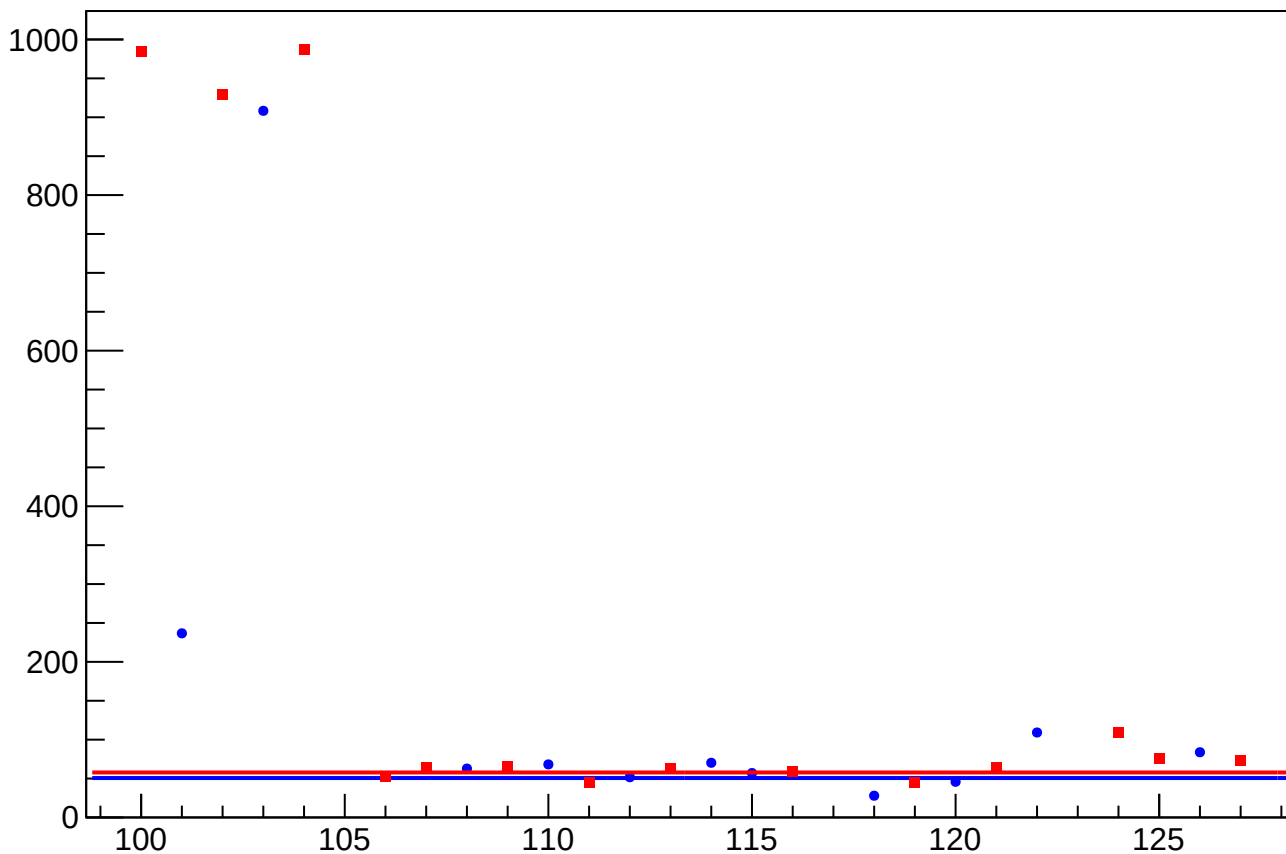
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.022 $\pm$ 0.023 χ^2 /NDF: 30.7/24

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

asym_atr1_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 50.660+/-0.023 χ^2/NDF : 2496656.4/10

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

Right Out: 57.821+/-0.022 χ^2/NDF : 2085529.7/13

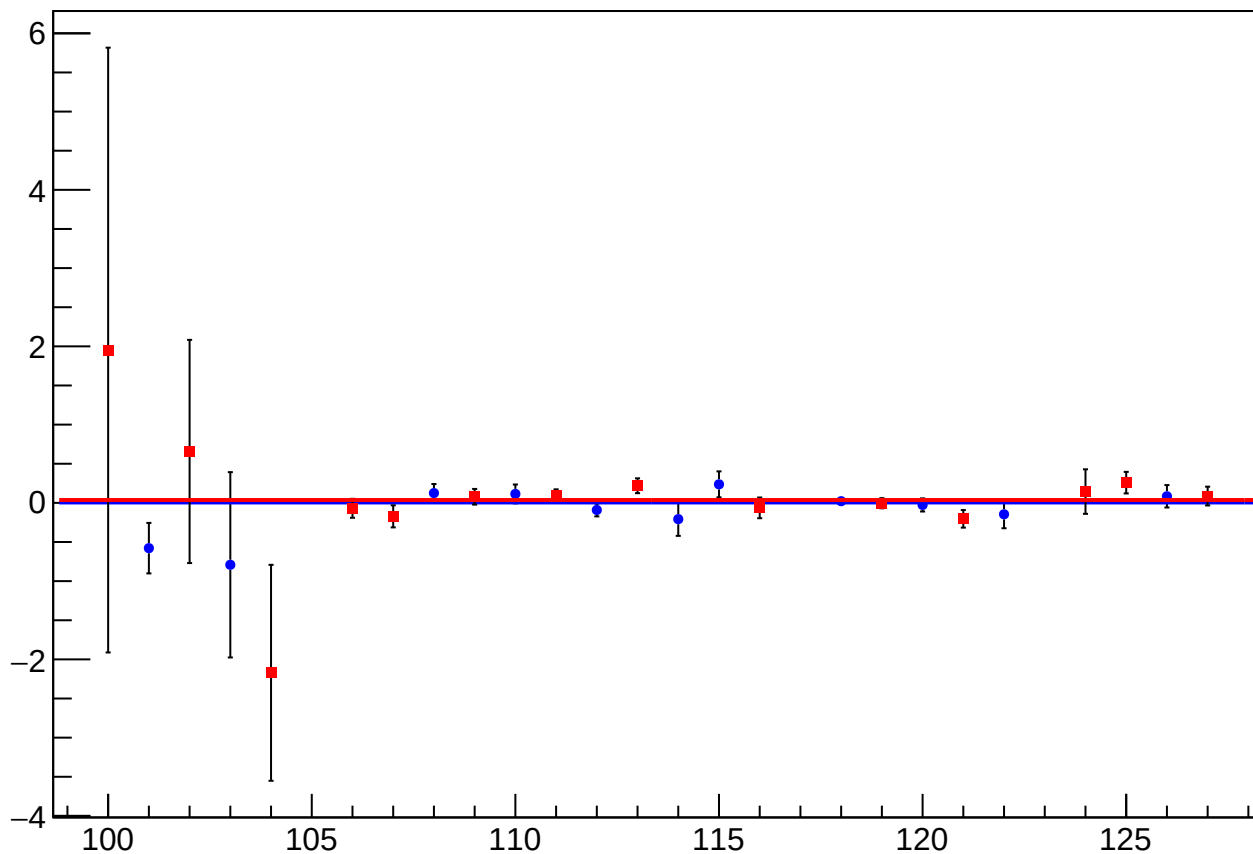
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.399+/-0.016 χ^2/NDF : 4632503.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.005 $\pm$ 0.033 χ^2 /NDF: 11.2/10

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

Right Out: 0.036 $\pm$ 0.031 χ^2 /NDF: 19.0/13

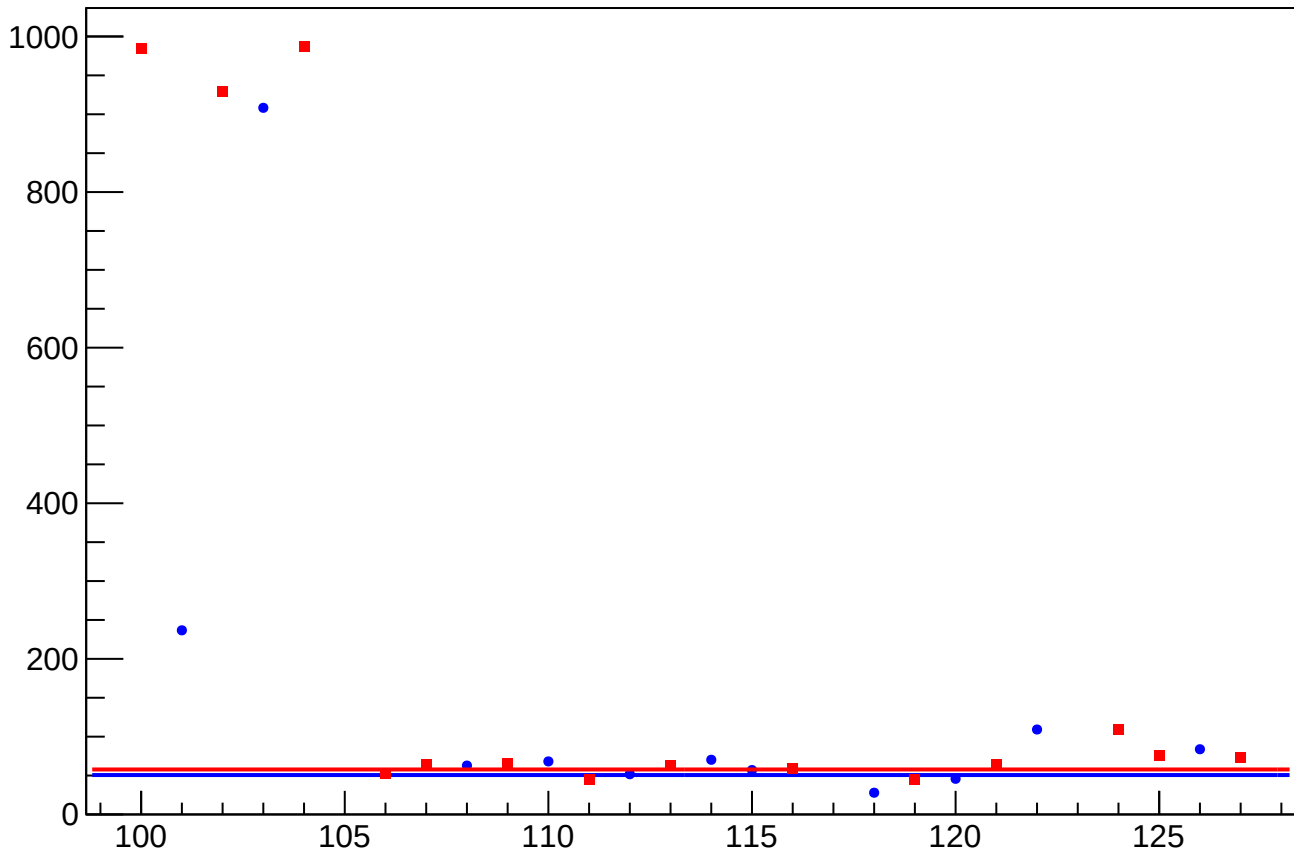
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.022 $\pm$ 0.023 χ^2 /NDF: 30.7/24

- 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: 50.660+/-0.023 χ^2/NDF : 2496656.4/10

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

Right Out: 57.821+/-0.022 χ^2/NDF : 2085529.7/13

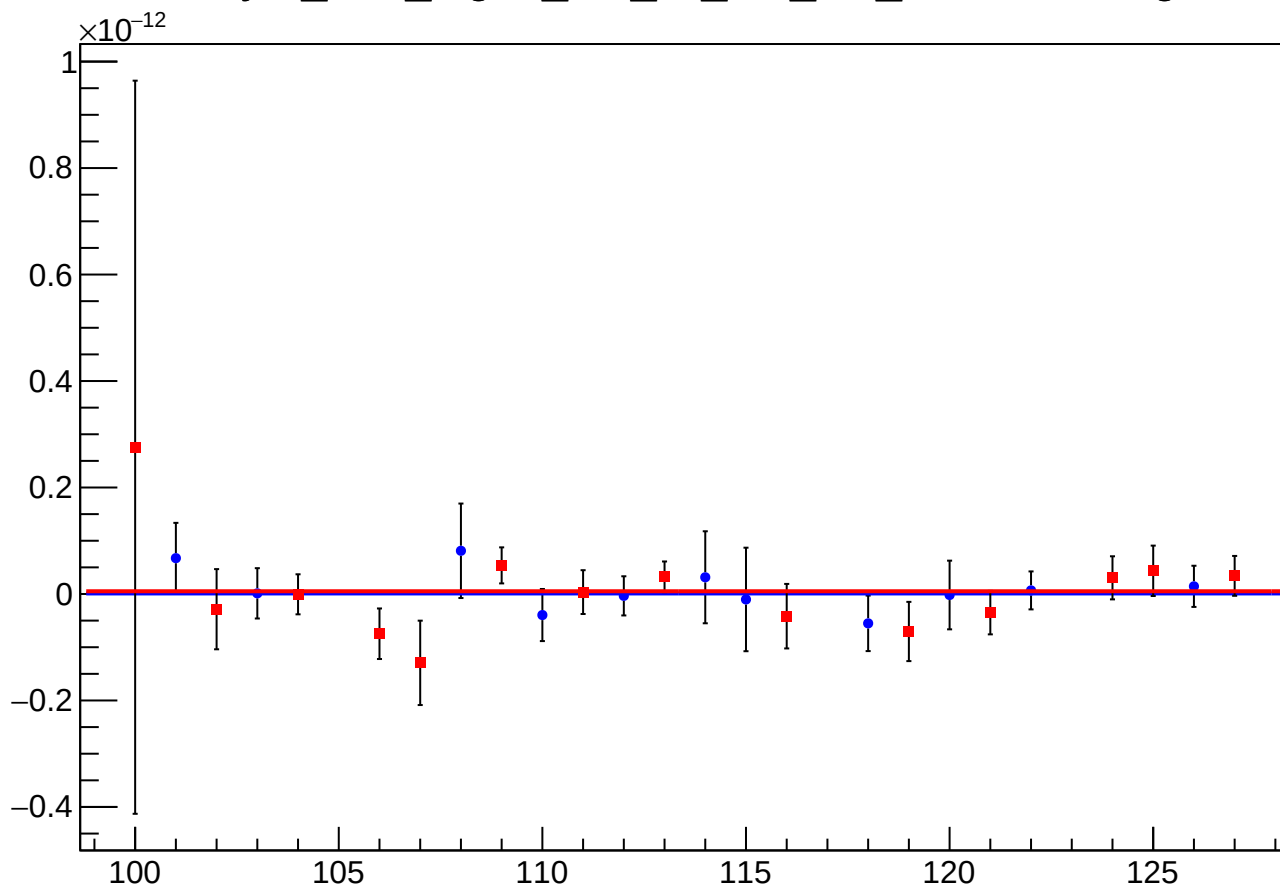
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.399+/-0.016 χ^2/NDF : 4632503.1/24

- sign 0.000+/-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 : 4.0/10

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

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 14.1/13

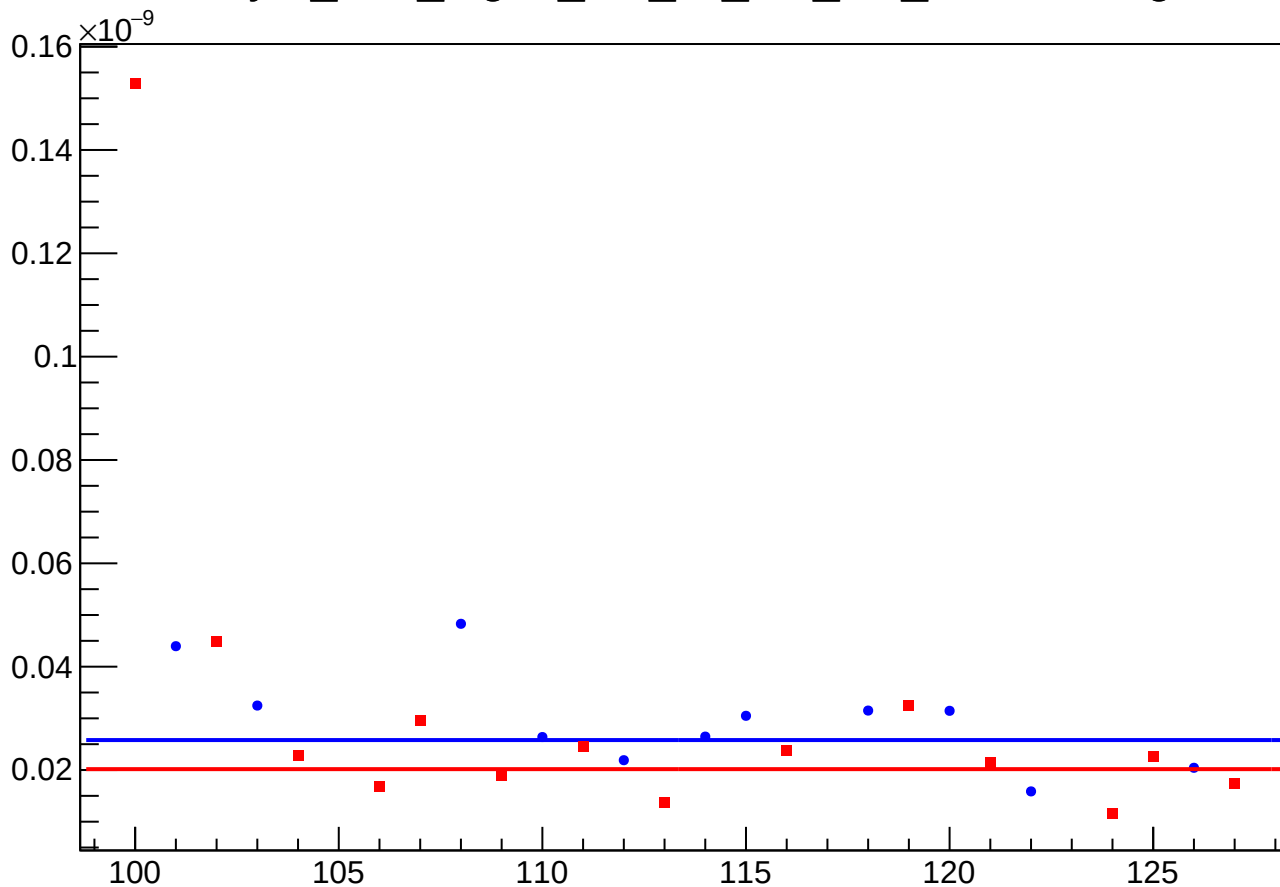
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2/NDF : 18.1/24

- 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+/-0.000 χ^2/NDF : 579622.0/10

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

Right Out: 0.000+/-0.000 χ^2/NDF : 674337.9/13

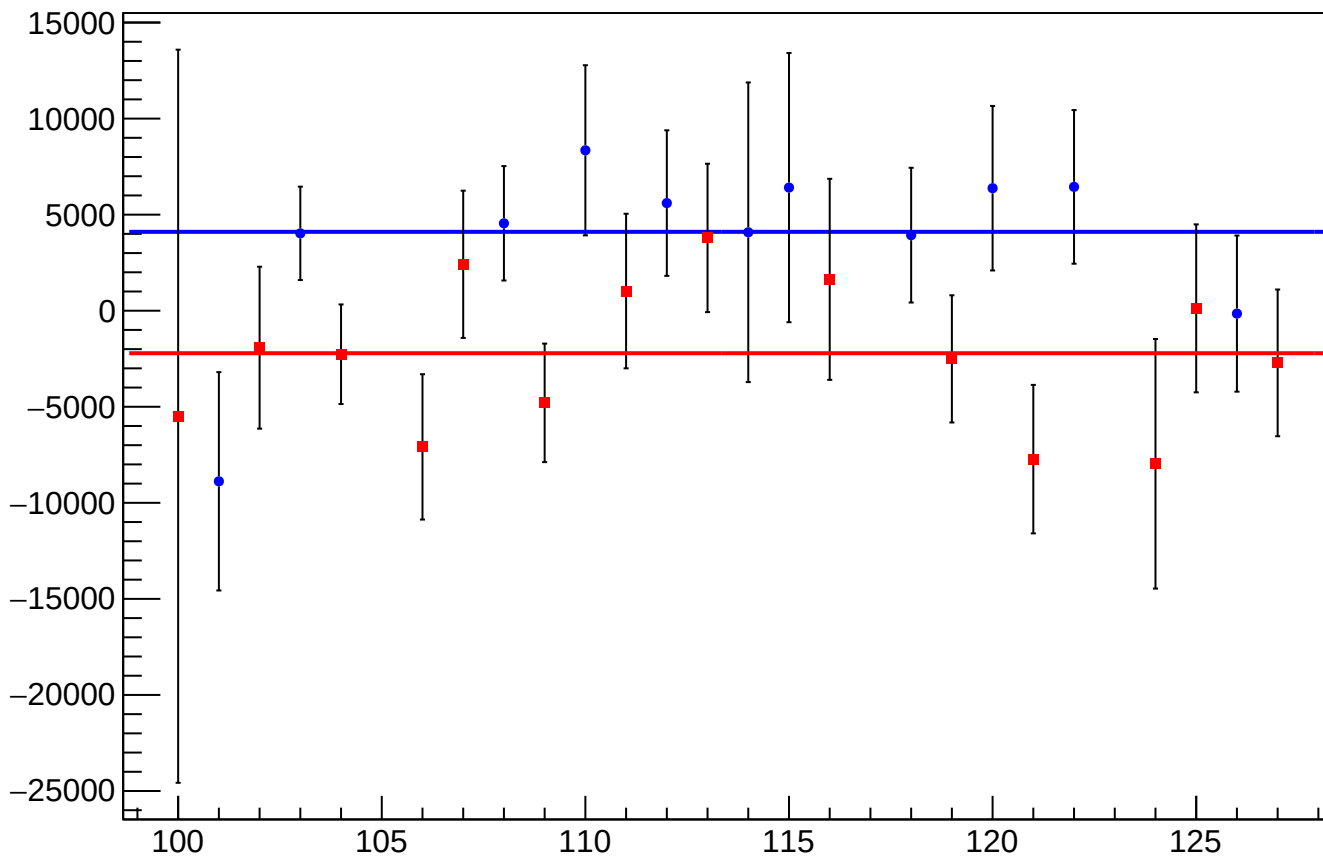
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1422882.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_mean vs Slug



Right In: 4106.167+/-1170.834 χ^2/NDF : 8.2/10

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

Right Out: -2212.403+/-1043.086 χ^2/NDF : 10.6/13

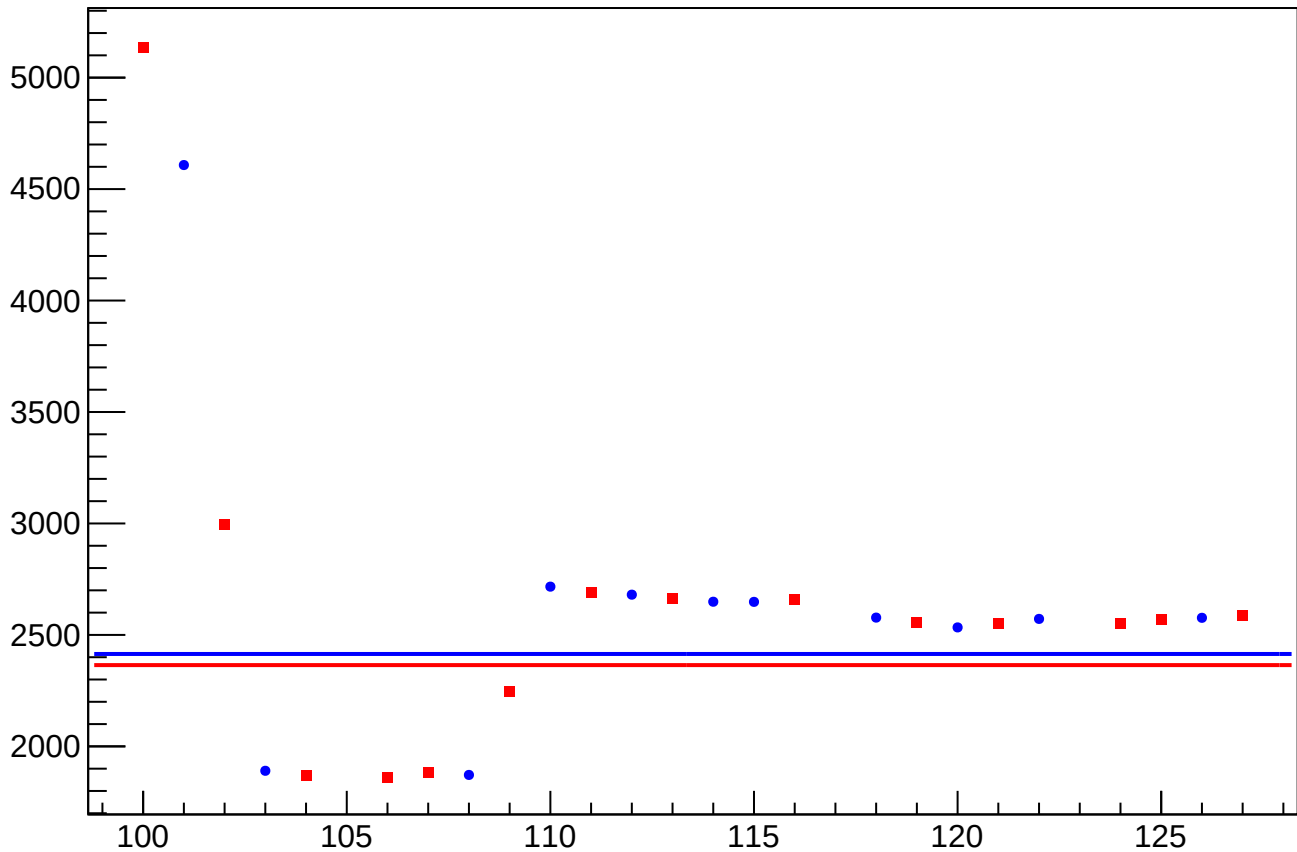
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 583.497+/-778.837 χ^2/NDF : 35.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_rms vs Slug



Right In: 2414.537+/-0.828 χ^2/NDF : 492674.8/10

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

Right Out: 2364.611+/-0.738 χ^2/NDF : 286463.6/13

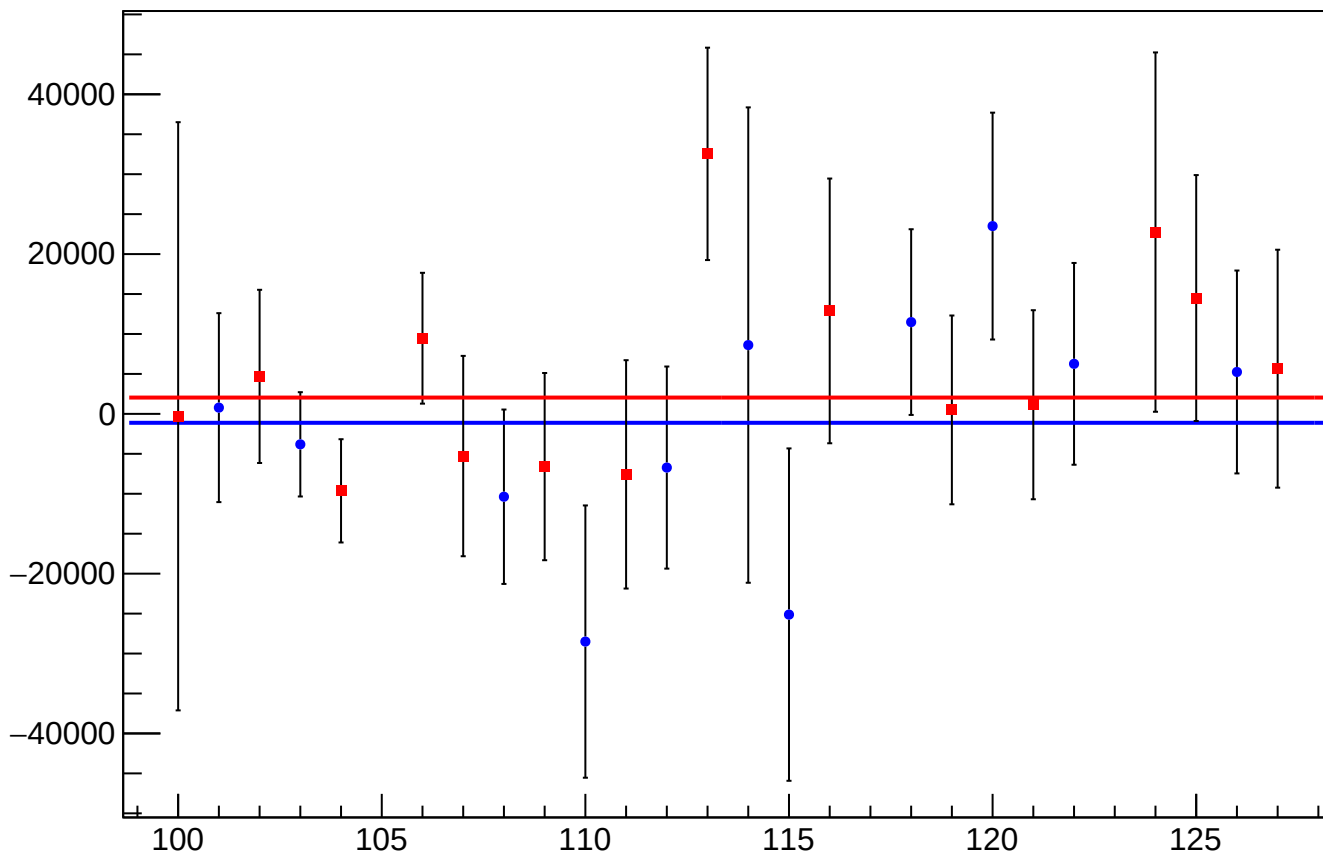
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2386.702+/-0.551 χ^2/NDF : 781165.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_reg_correction_mean vs Slug



Right In: -1117.606+/-3604.022 χ^2/NDF : 9.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2040.921+/-3147.040 χ^2/NDF : 12.8/13

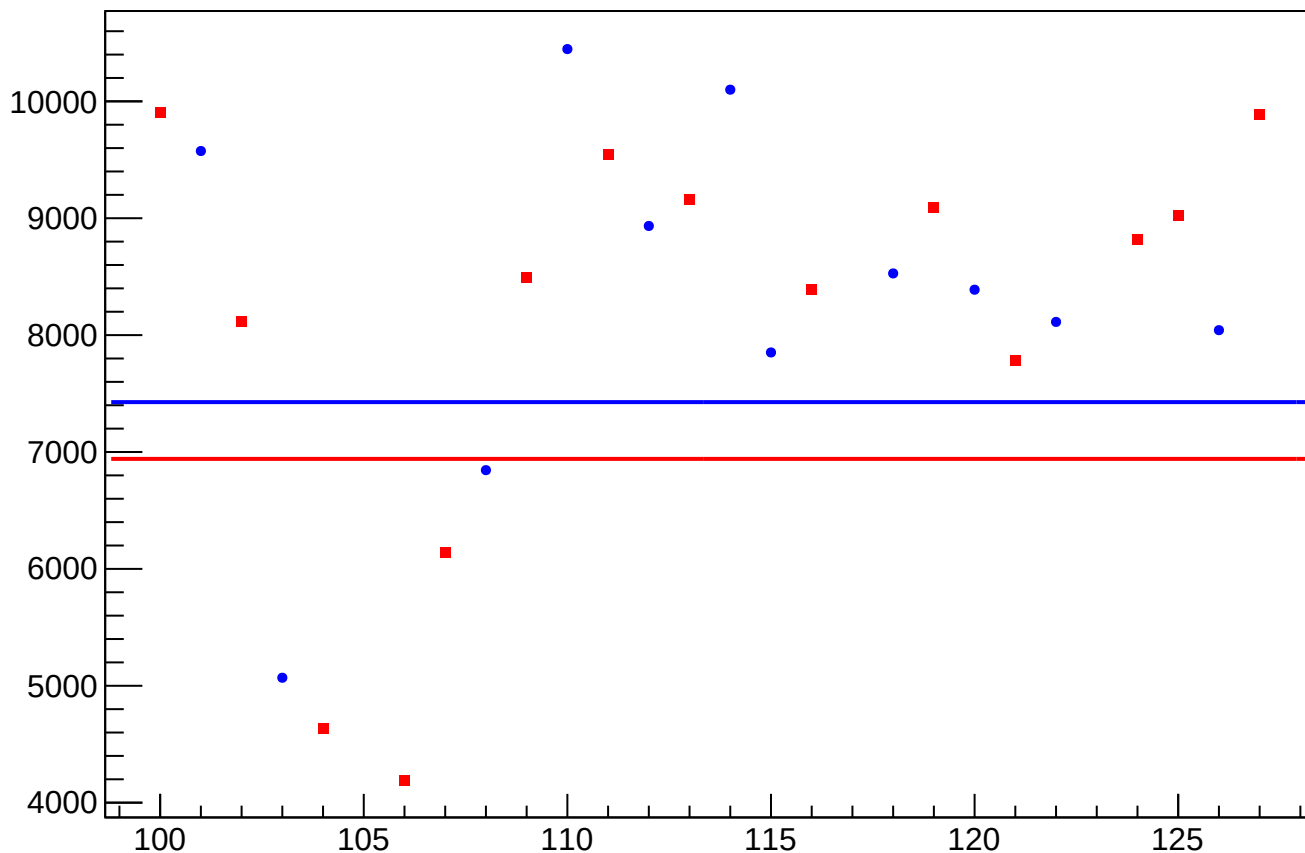
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 674.484+/-2370.500 χ^2/NDF : 23.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_reg_correction_rms vs Slug



Right In: 7426.811+/-2.548 χ^2/NDF : 478607.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6941.138+/-2.225 χ^2/NDF : 902824.6/13

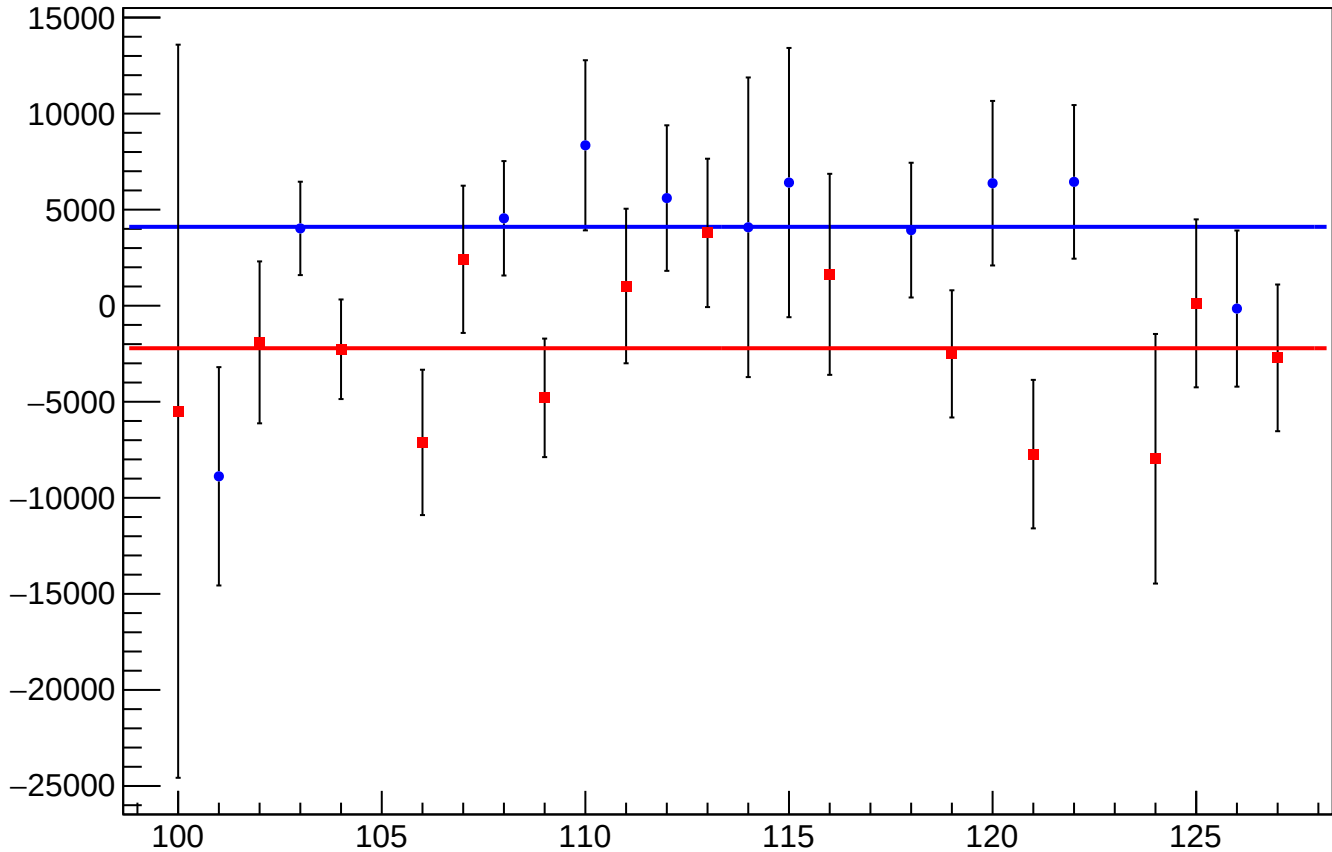
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7151.249+/-1.676 χ^2/NDF : 1402039.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atr2_mean vs Slug



Right In: 4105.494+/-1170.834 χ^2/NDF : 8.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2213.324+/-1043.097 χ^2/NDF : 10.6/13

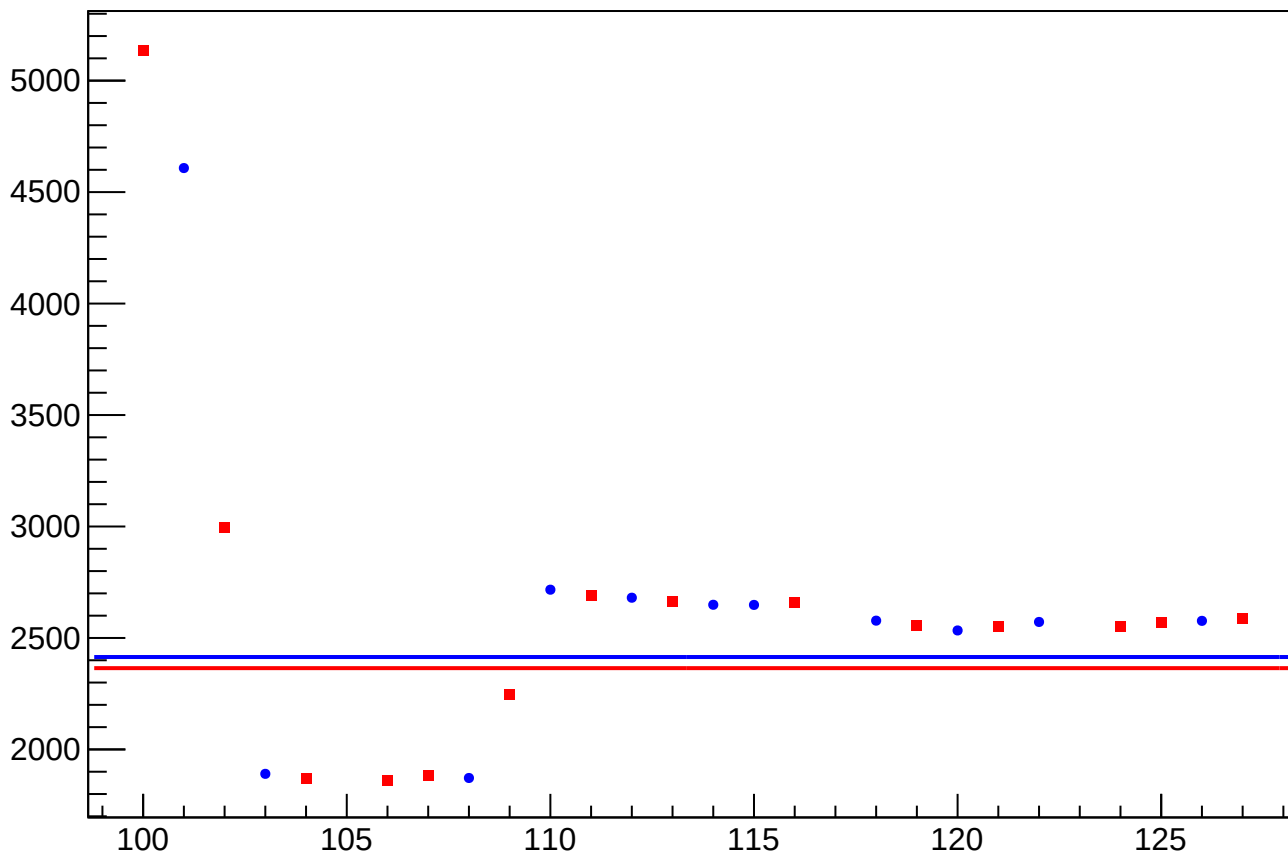
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 582.716+/-778.842 χ^2/NDF : 35.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atr2_rms vs Slug



Right In: 2414.538+/-0.828 χ^2/NDF : 492673.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2364.640+/-0.738 χ^2/NDF : 286418.7/13

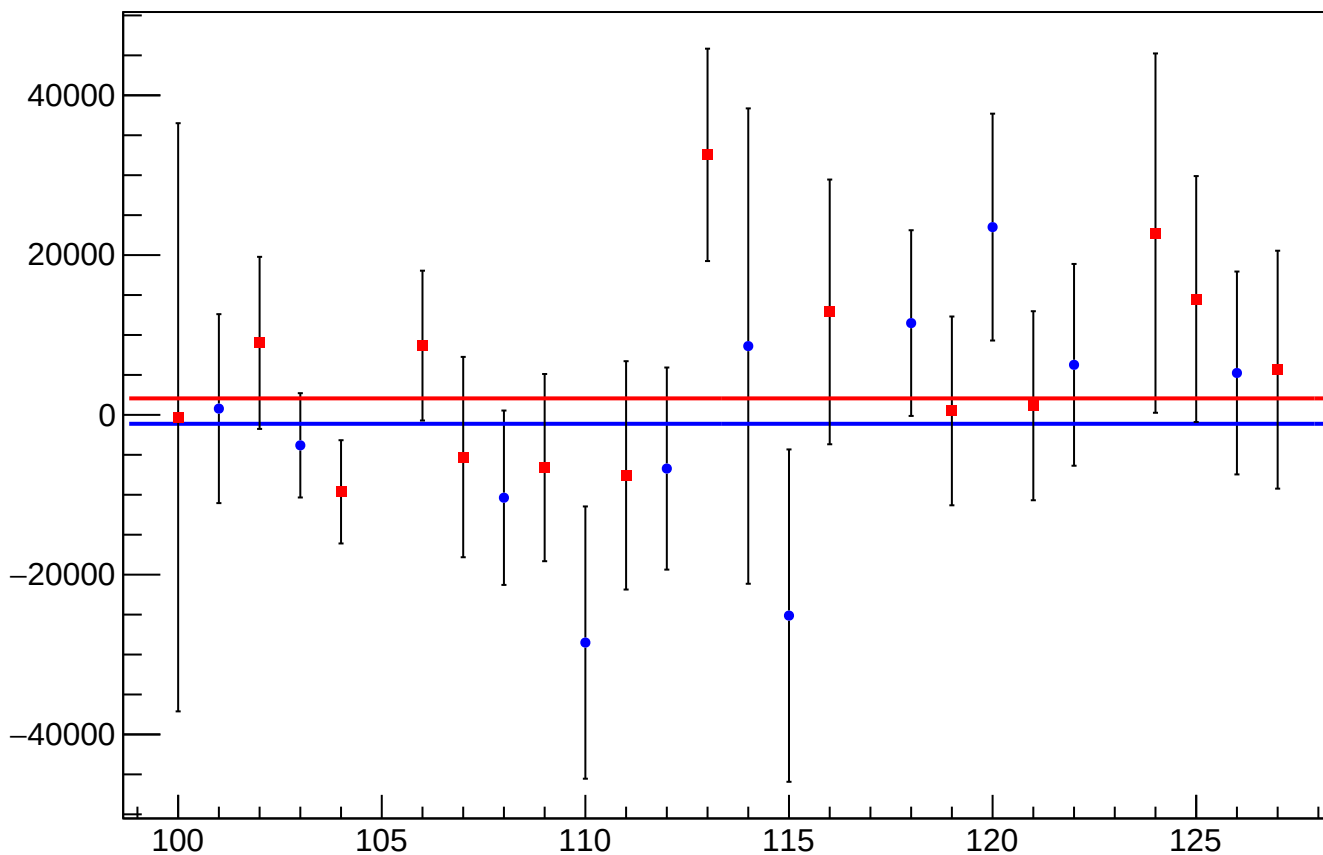
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2386.720+/-0.551 χ^2/NDF : 781116.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_cor_correction_mean vs Slug



Right In: -1117.122+/-3604.165 χ^2/NDF : 9.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2063.300+/-3201.971 χ^2/NDF : 12.8/13

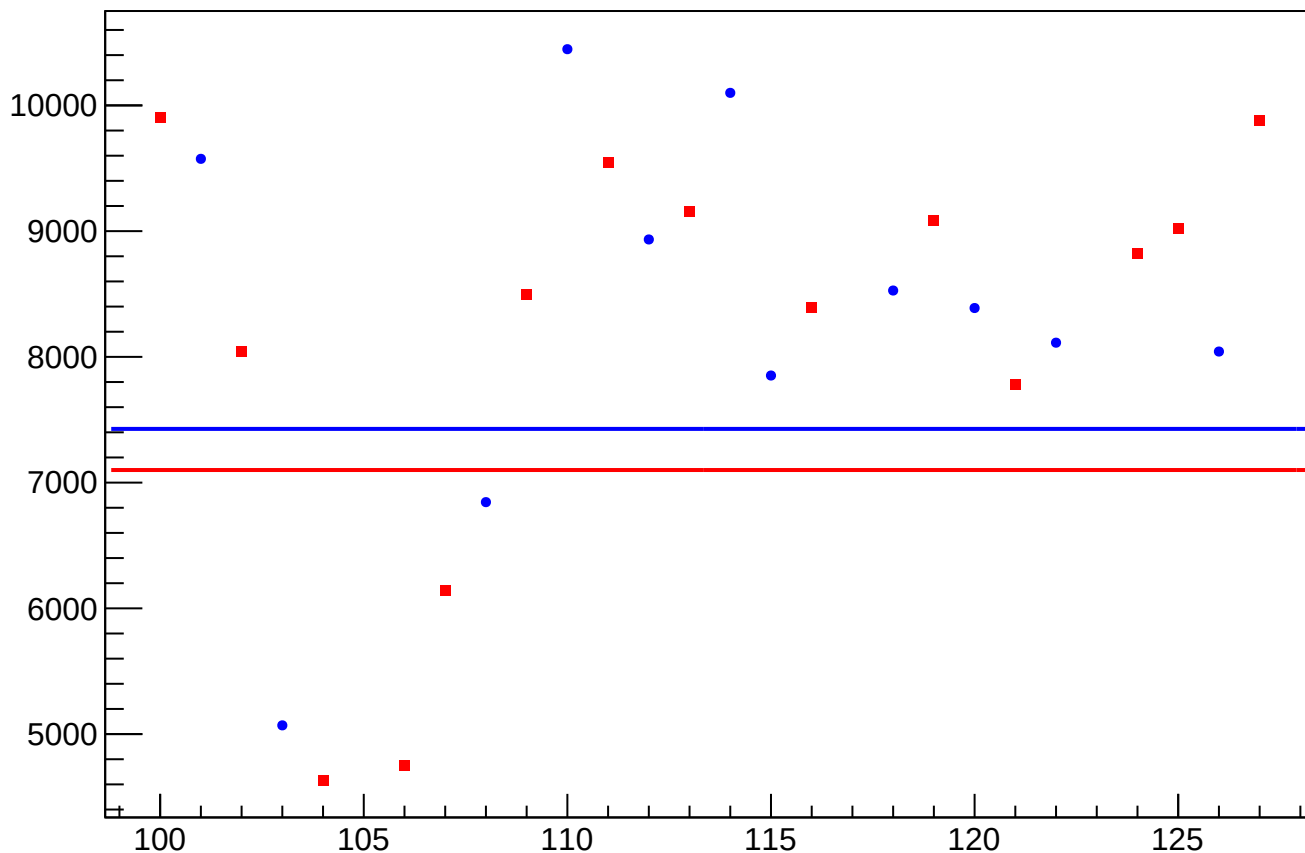
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 660.375+/-2393.754 χ^2/NDF : 23.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_cor_correction_rms vs Slug



Right In: 7427.216+/-2.549 χ^2/NDF : 478378.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7100.186+/-2.264 χ^2/NDF : 779465.8/13

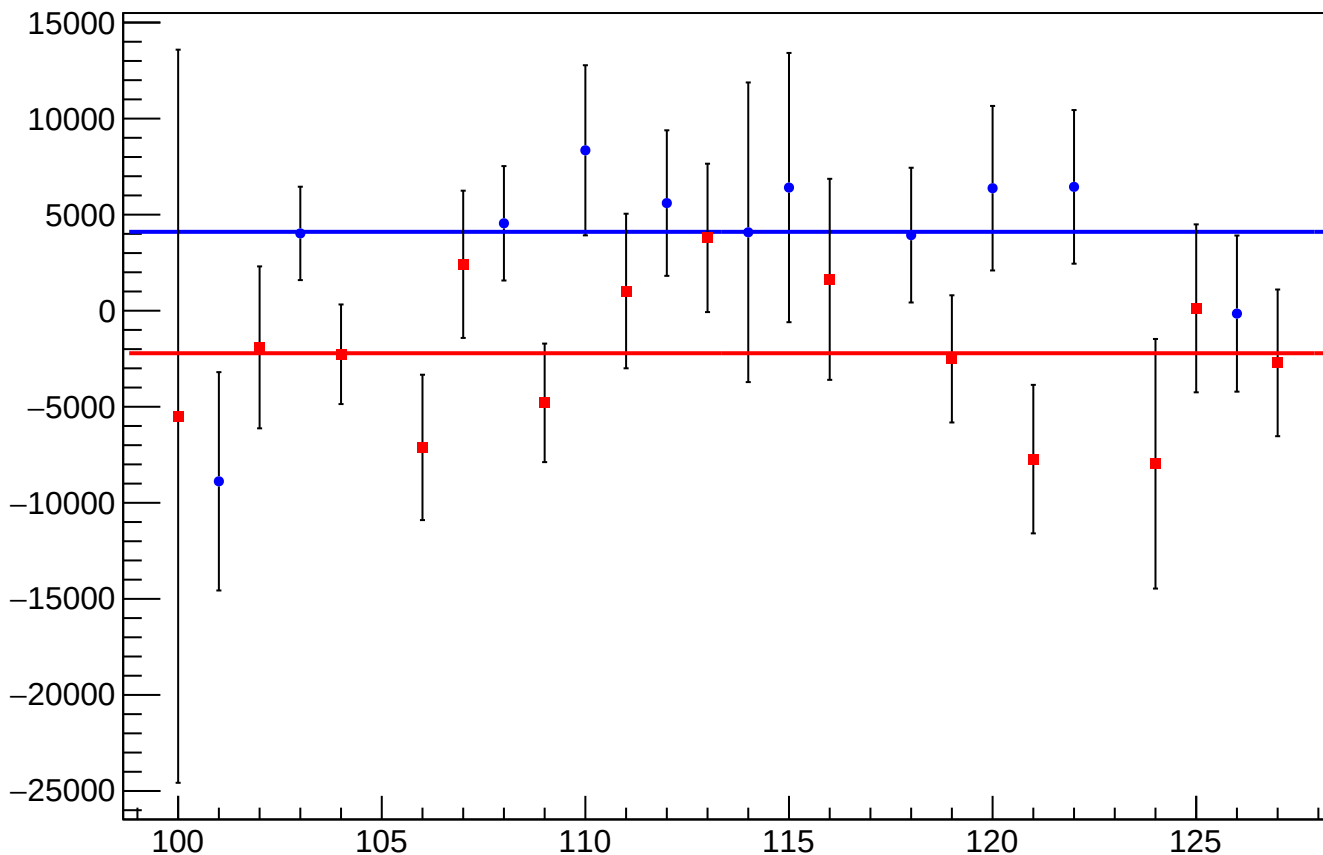
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7244.443+/-1.693 χ^2/NDF : 1267047.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr2_mean vs Slug



Right In: 4105.494+/-1170.834 χ^2/NDF : 8.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2213.324+/-1043.097 χ^2/NDF : 10.6/13

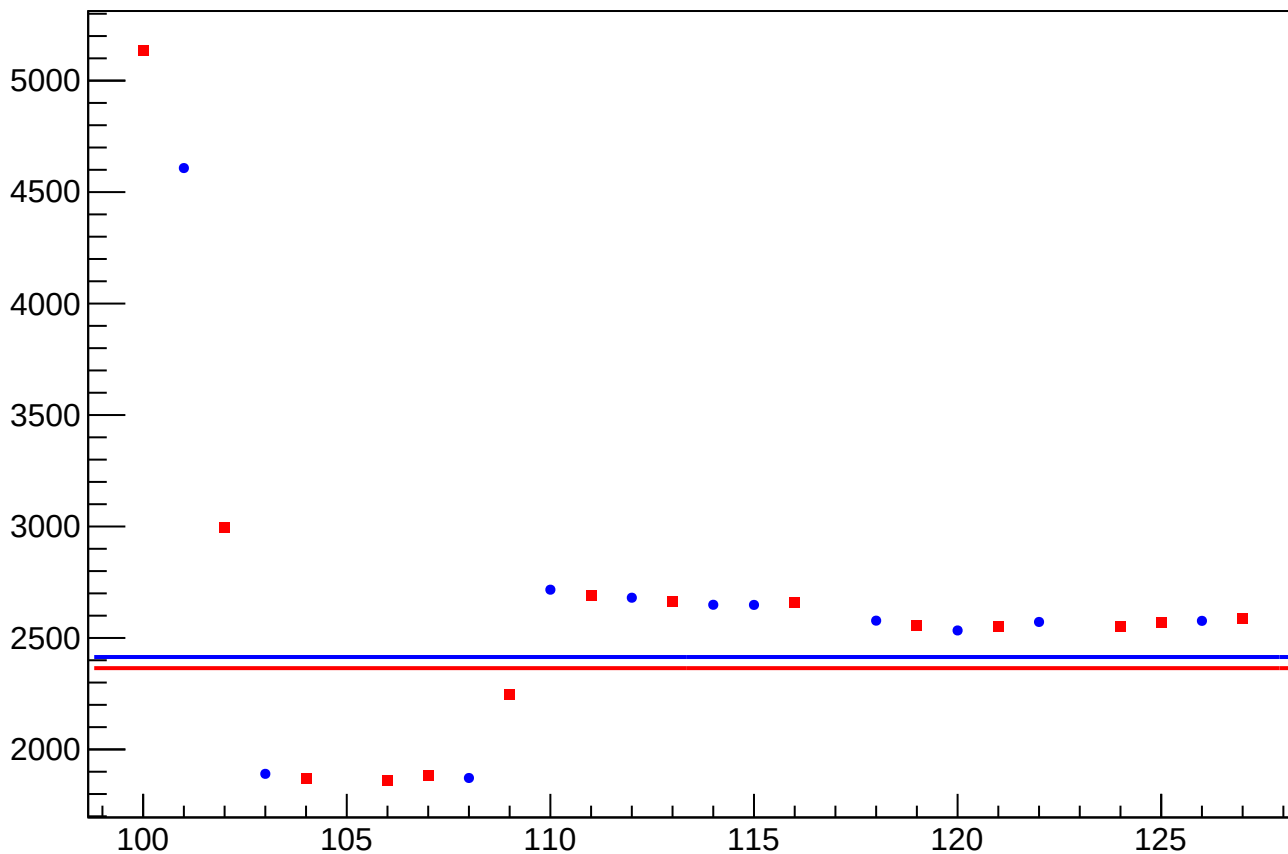
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 582.716+/-778.842 χ^2/NDF : 35.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr2_rms vs Slug



Right In: 2414.538+/-0.828 χ^2/NDF : 492673.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2364.640+/-0.738 χ^2/NDF : 286418.7/13

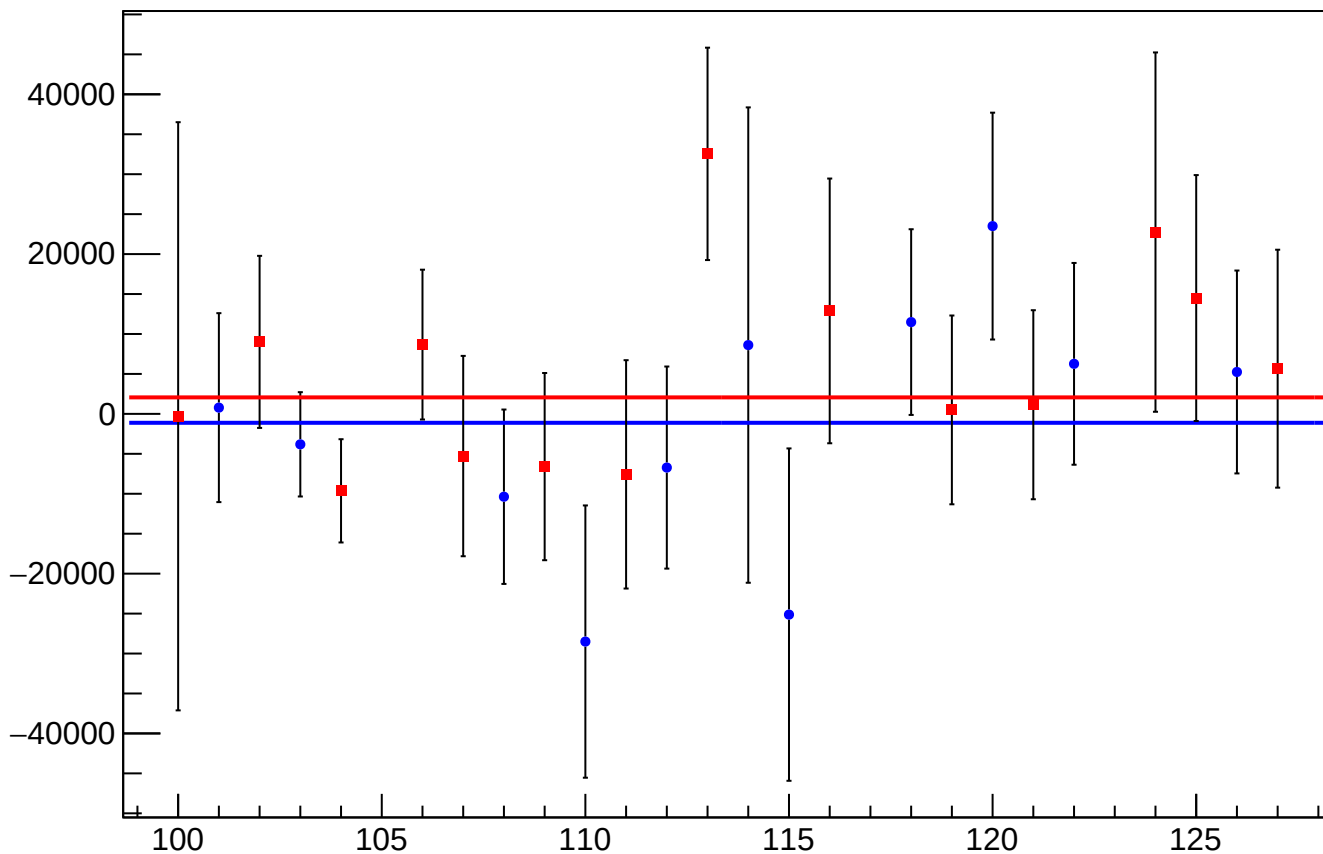
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2386.720+/-0.551 χ^2/NDF : 781116.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_cor_correction_mean vs Slug



Right In: -1117.122+/-3604.165 χ^2/NDF : 9.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2063.300+/-3201.971 χ^2/NDF : 12.8/13

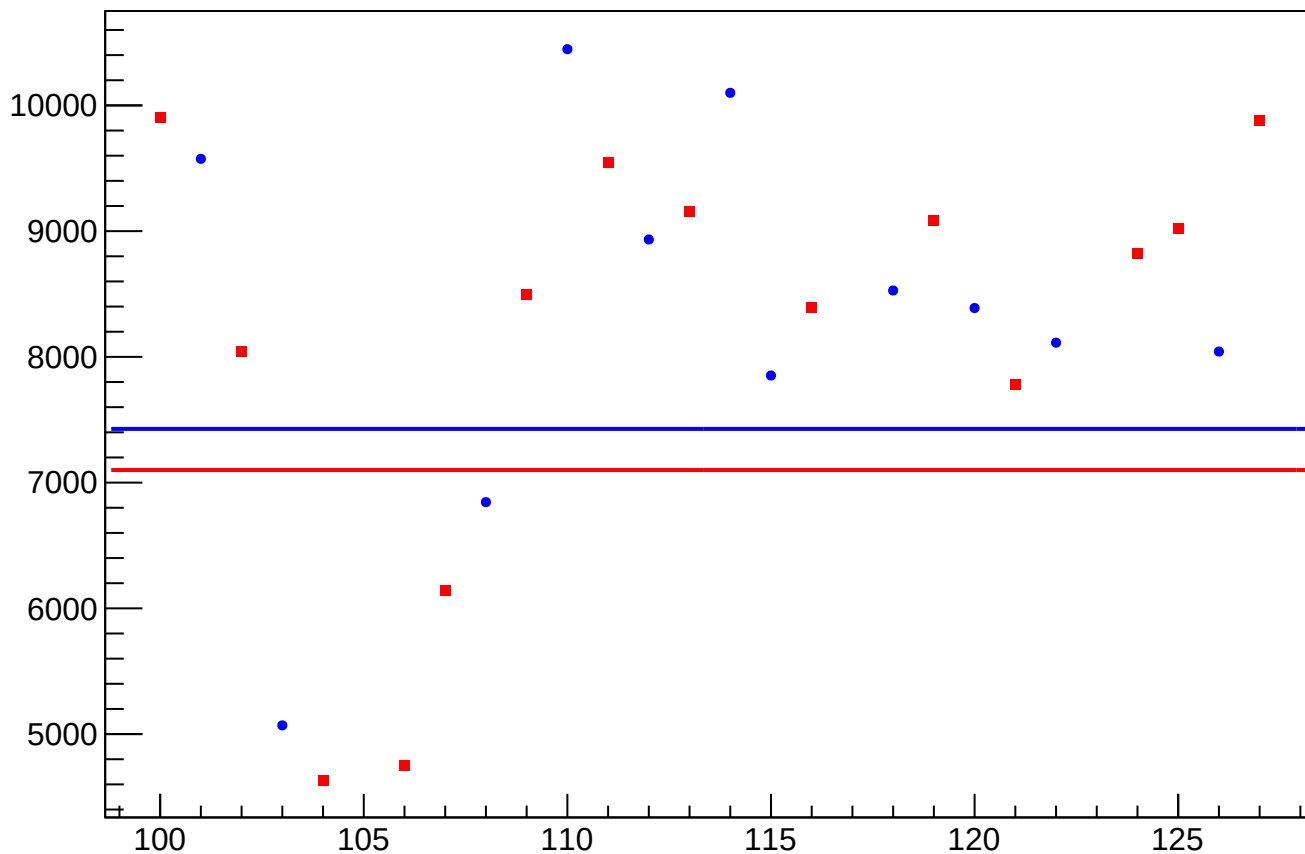
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 660.375+/-2393.754 χ^2/NDF : 23.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_cor_correction_rms vs Slug



Right In: 7427.216+/-2.549 χ^2/NDF : 478378.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

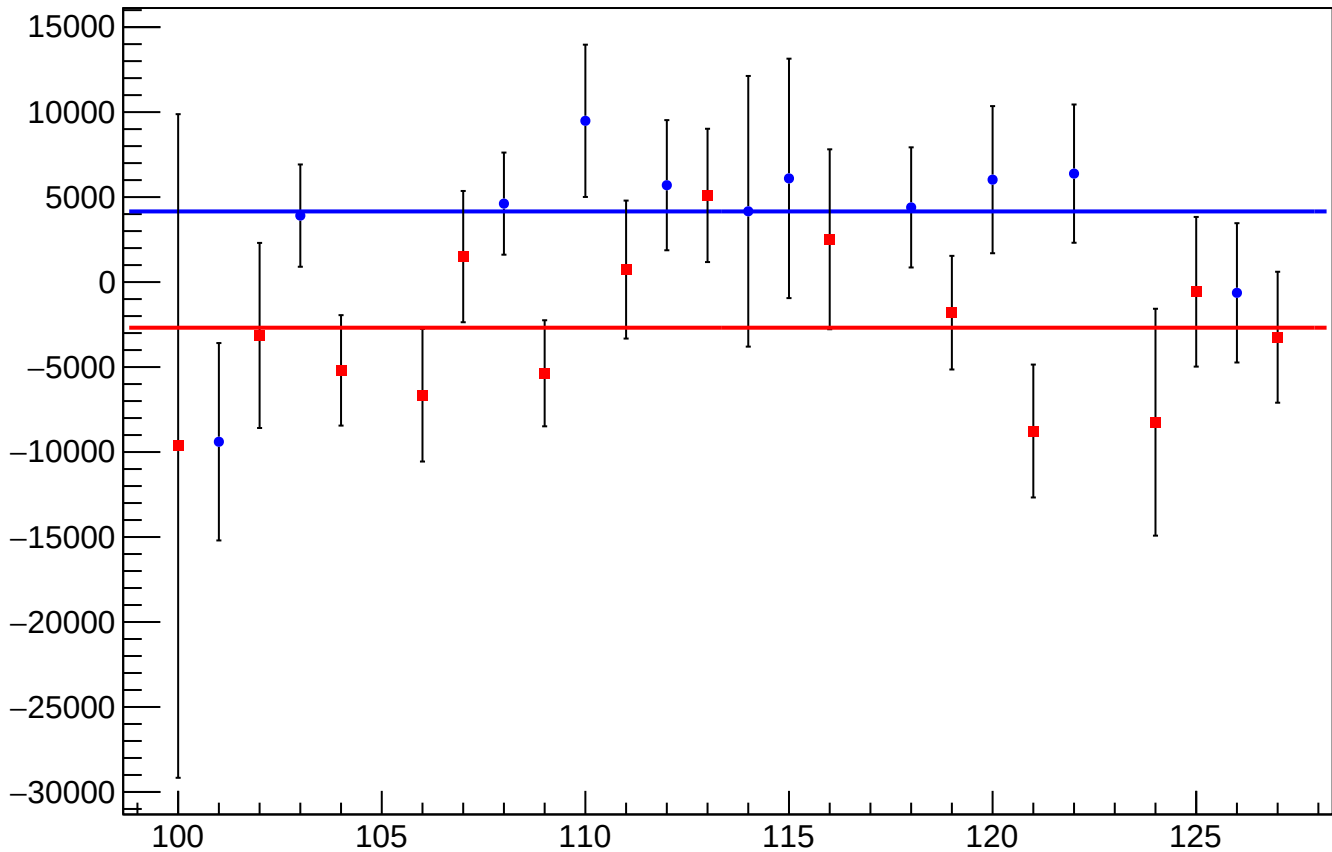
Right Out: 7100.186+/-2.264 χ^2/NDF : 779465.8/13

All: 7244.443+/-1.693 χ^2/NDF : 1267047.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr2_mean vs Slug



Right In: 4156.502+/-1232.551 χ^2/NDF : 9.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2684.485+/-1101.473 χ^2/NDF : 12.7/13

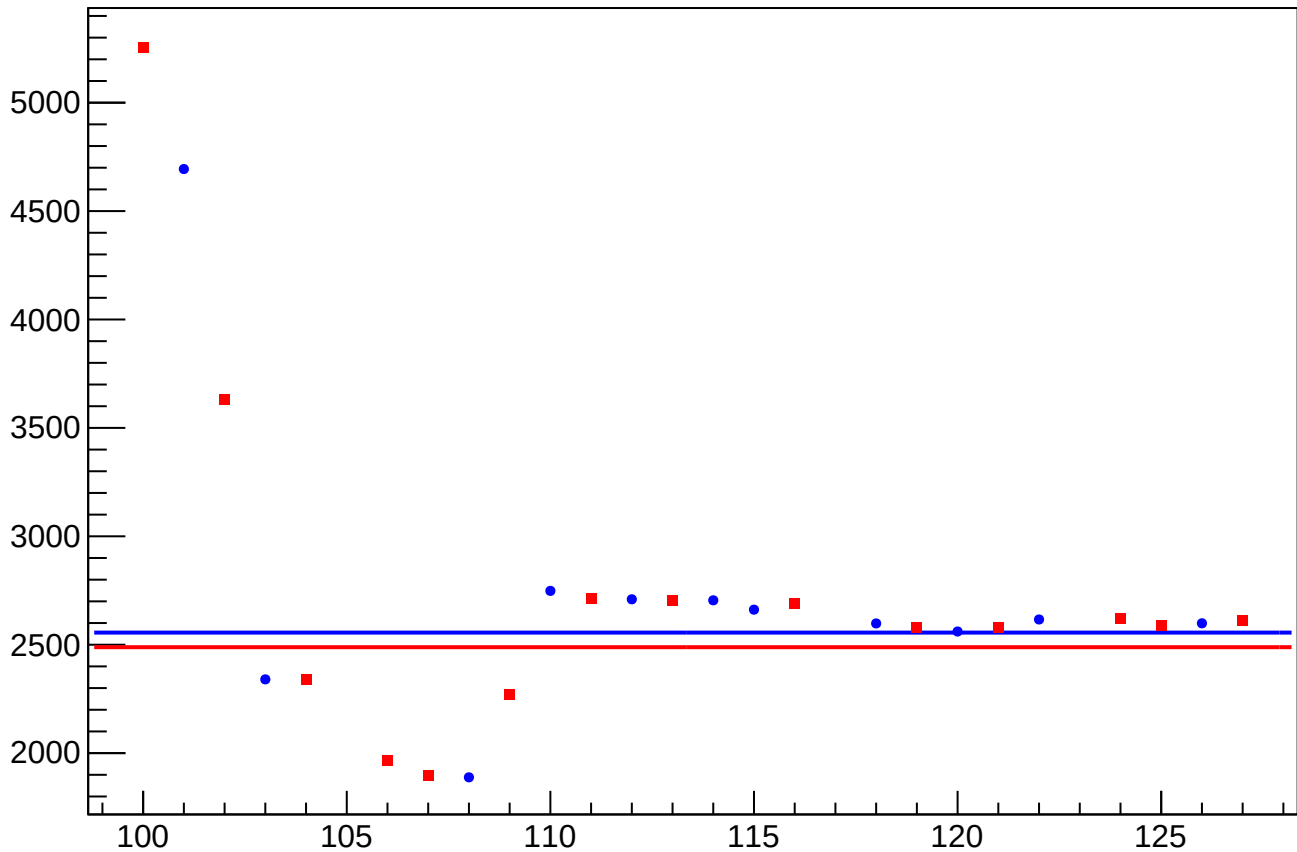
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 353.027+/-821.305 χ^2/NDF : 38.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr2_rms vs Slug



Right In: 2555.906 $\pm$ 0.872 χ^2 /NDF: 389173.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2488.619 $\pm$ 0.778 χ^2 /NDF: 247050.4/13

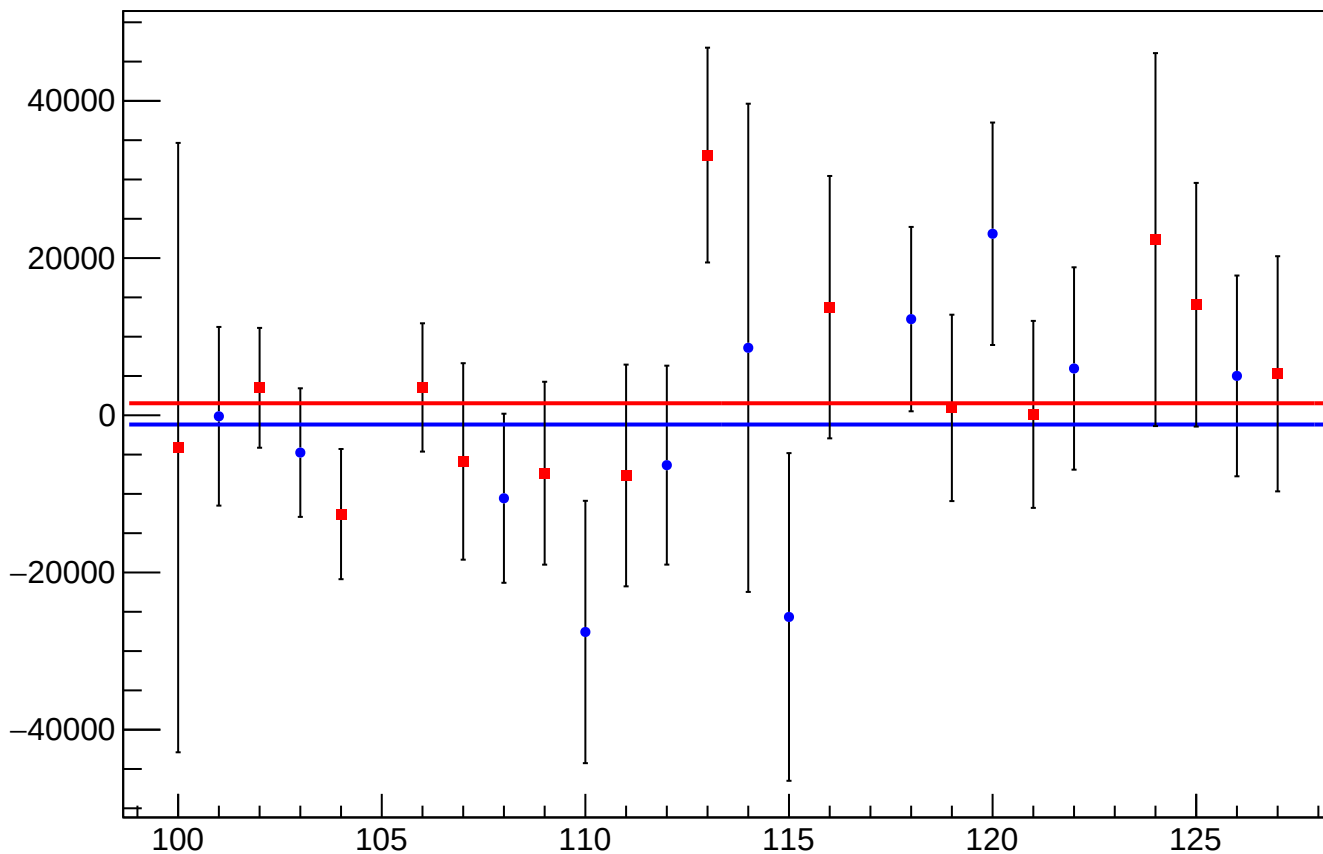
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2518.470 $\pm$ 0.581 χ^2 /NDF: 639539.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr2_dit_correction_mean vs Slug



Right In: -1174.698+/-3808.929 χ^2/NDF : 9.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1530.400+/-3165.250 χ^2/NDF : 11.8/13

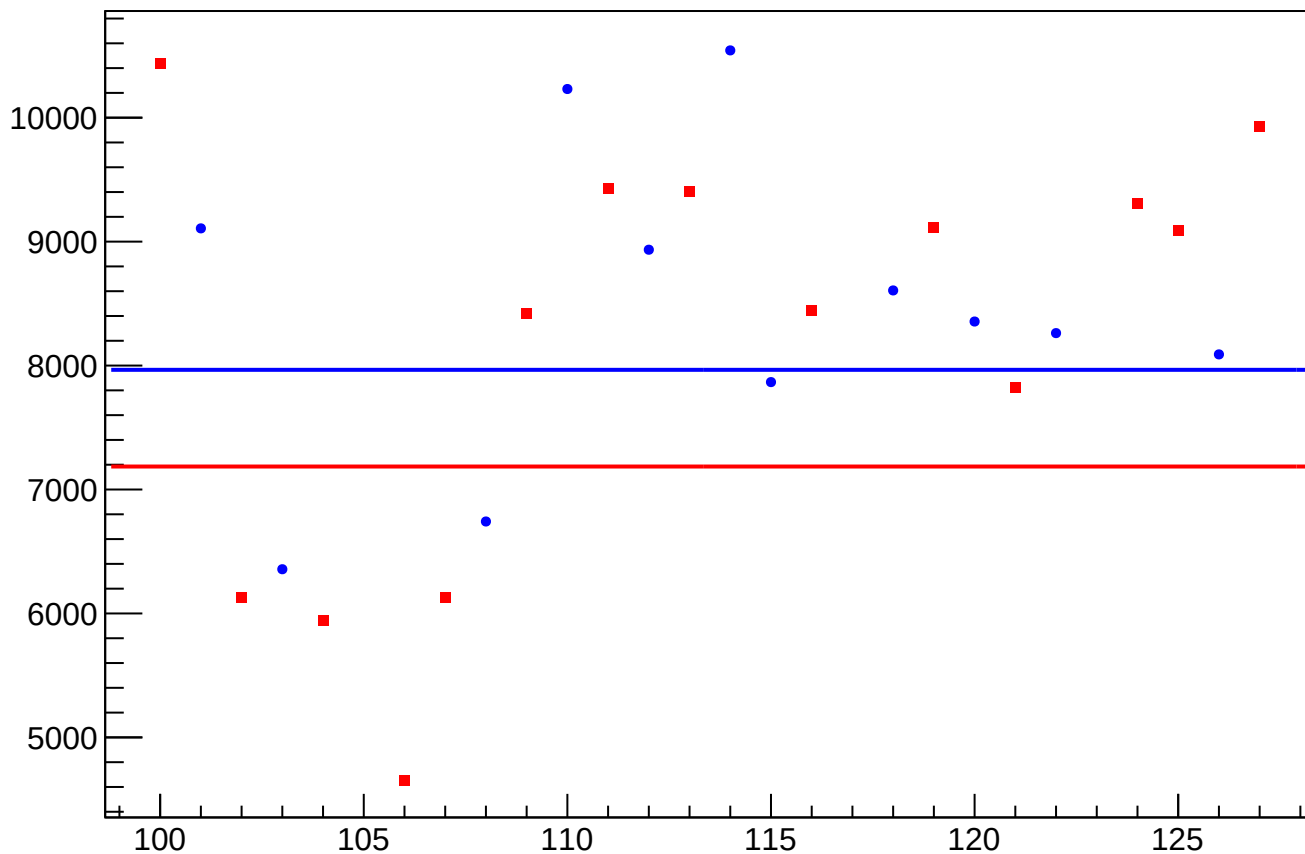
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 425.408+/-2434.394 χ^2/NDF : 22.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_dit_correction_rms vs Slug



Right In: 7965.625 $\pm$ 2.693 χ^2 /NDF: 194549.1/10

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

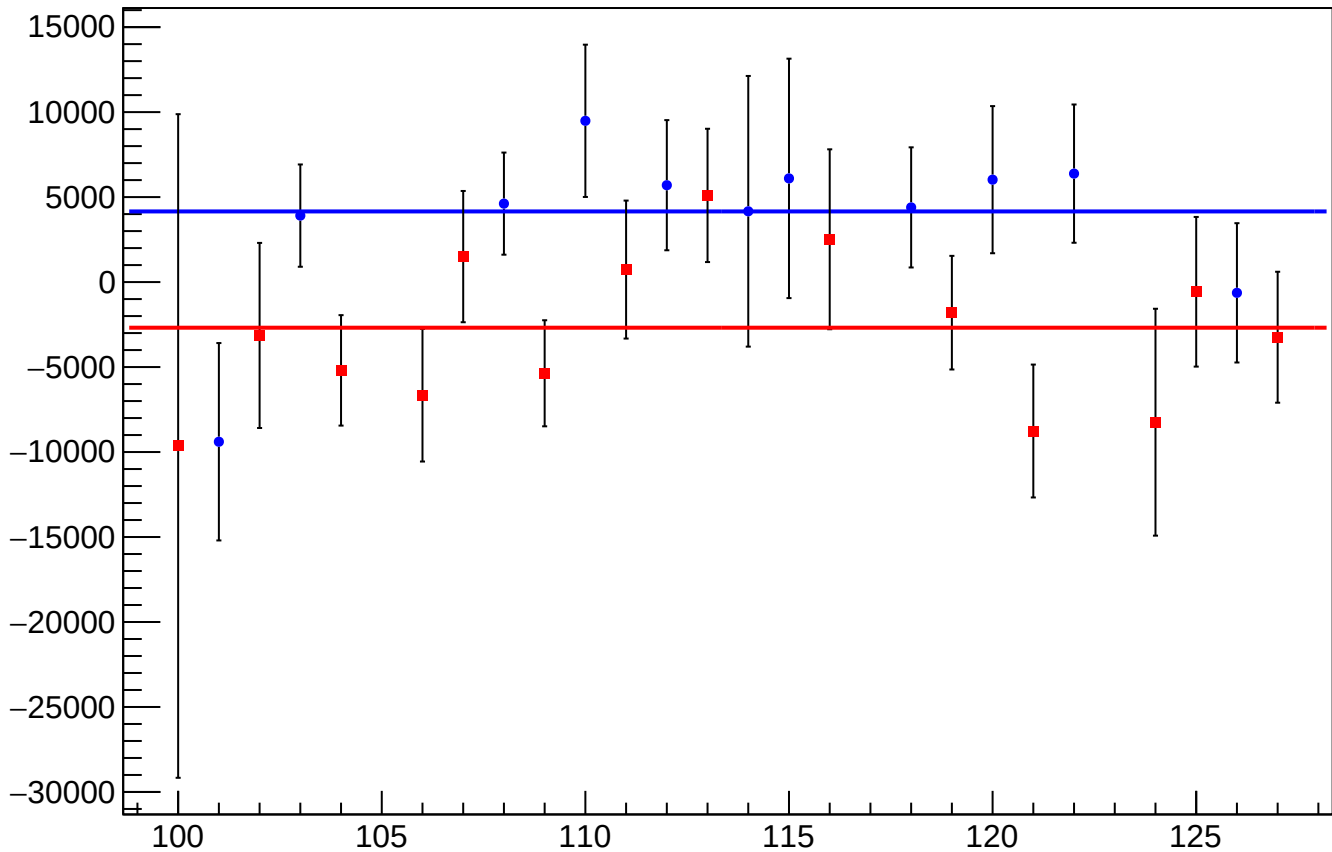
Right Out: 7185.495 $\pm$ 2.238 χ^2 /NDF: 613663.1/13

All: 7504.166 $\pm$ 1.721 χ^2 /NDF: 857839.9/24

- 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_atr2_mean vs Slug



Right In: 4156.489+/-1232.551 χ^2/NDF : 9.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

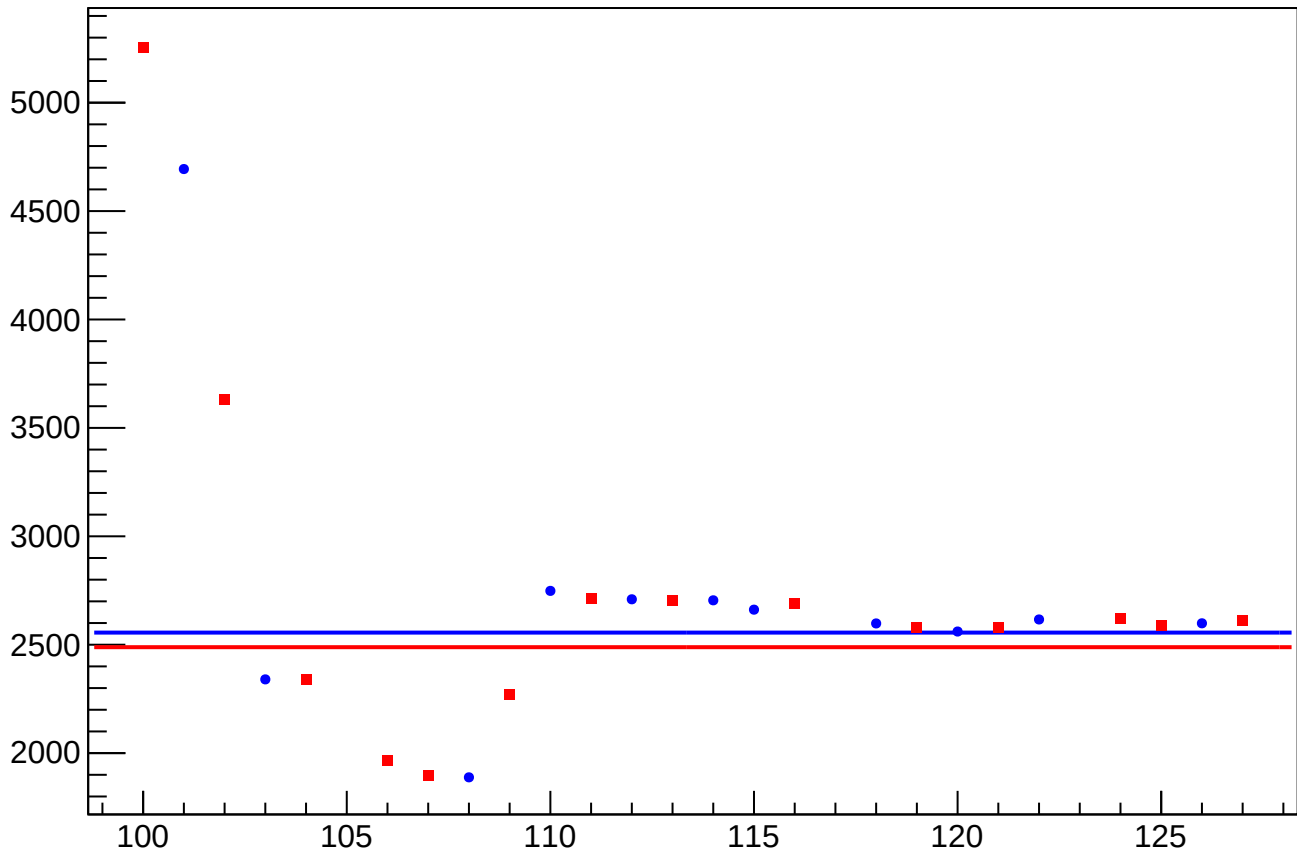
Right Out: -2684.493+/-1101.473 χ^2/NDF : 12.7/13

All: 353.017+/-821.305 χ^2/NDF : 38.8/24

- 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_atr2_rms vs Slug



Right In: 2555.905 $\pm$ 0.872 χ^2 /NDF: 389173.4/10

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

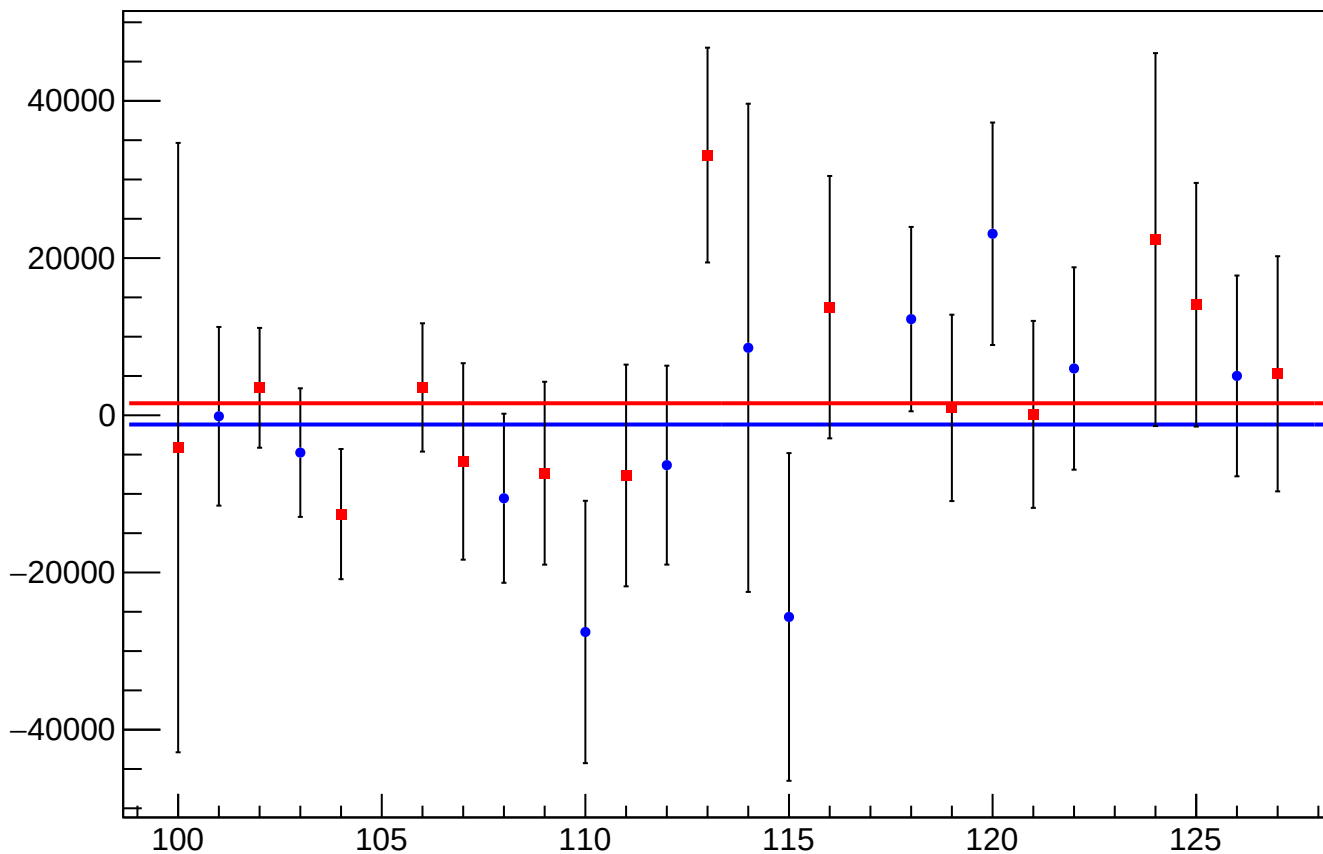
Right Out: 2488.618 $\pm$ 0.778 χ^2 /NDF: 247049.9/13

All: 2518.469 $\pm$ 0.581 χ^2 /NDF: 639539.5/24

- 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_atr2_eigen_dit_correction_mean vs Slug



Right In: -1174.682 ± 3808.921 χ^2/NDF : 9.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1530.393 ± 3165.243 χ^2/NDF : 11.8/13

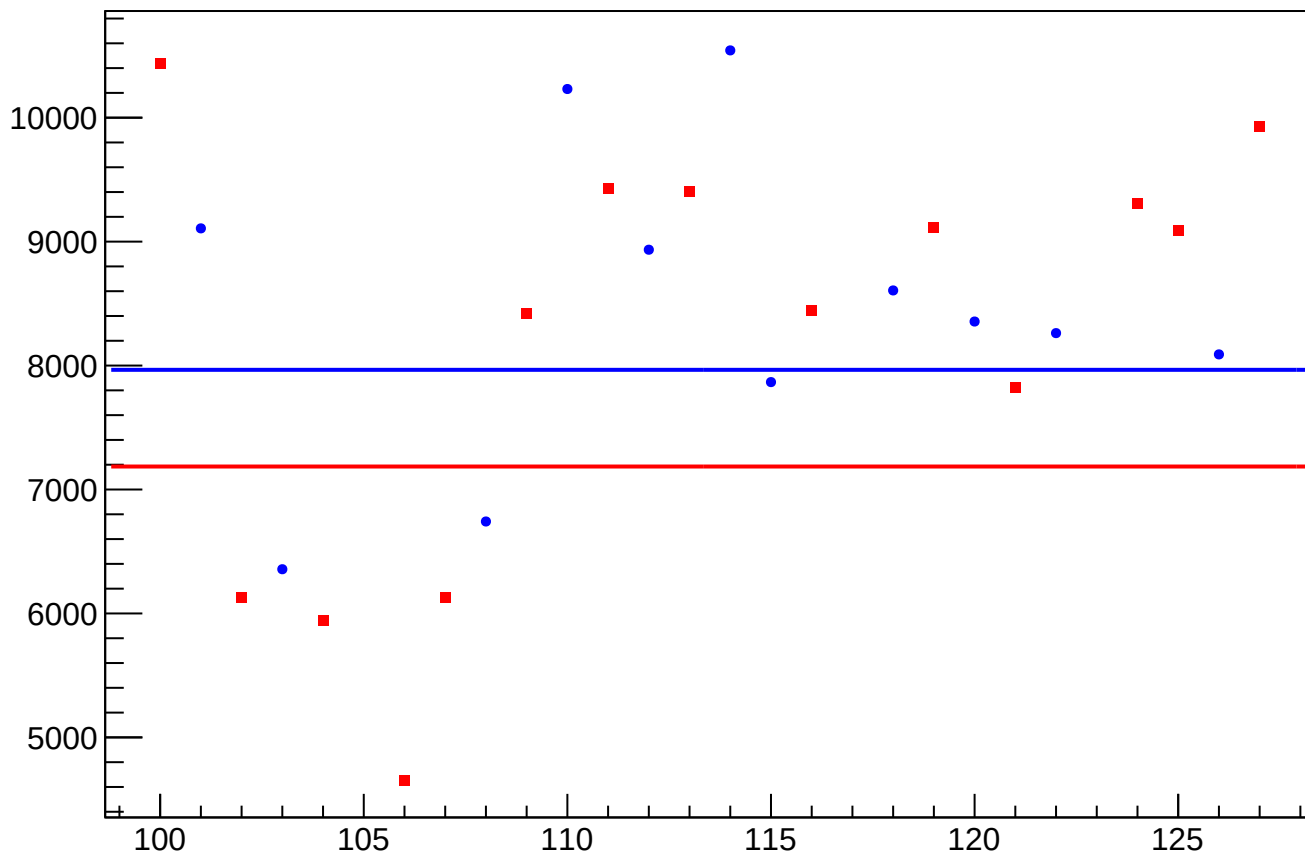
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 425.410 ± 2434.389 χ^2/NDF : 22.0/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_correction_rms vs Slug



Right In: 7965.610+/-2.693 χ^2/NDF : 194546.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7185.481+/-2.238 χ^2/NDF : 613660.4/13

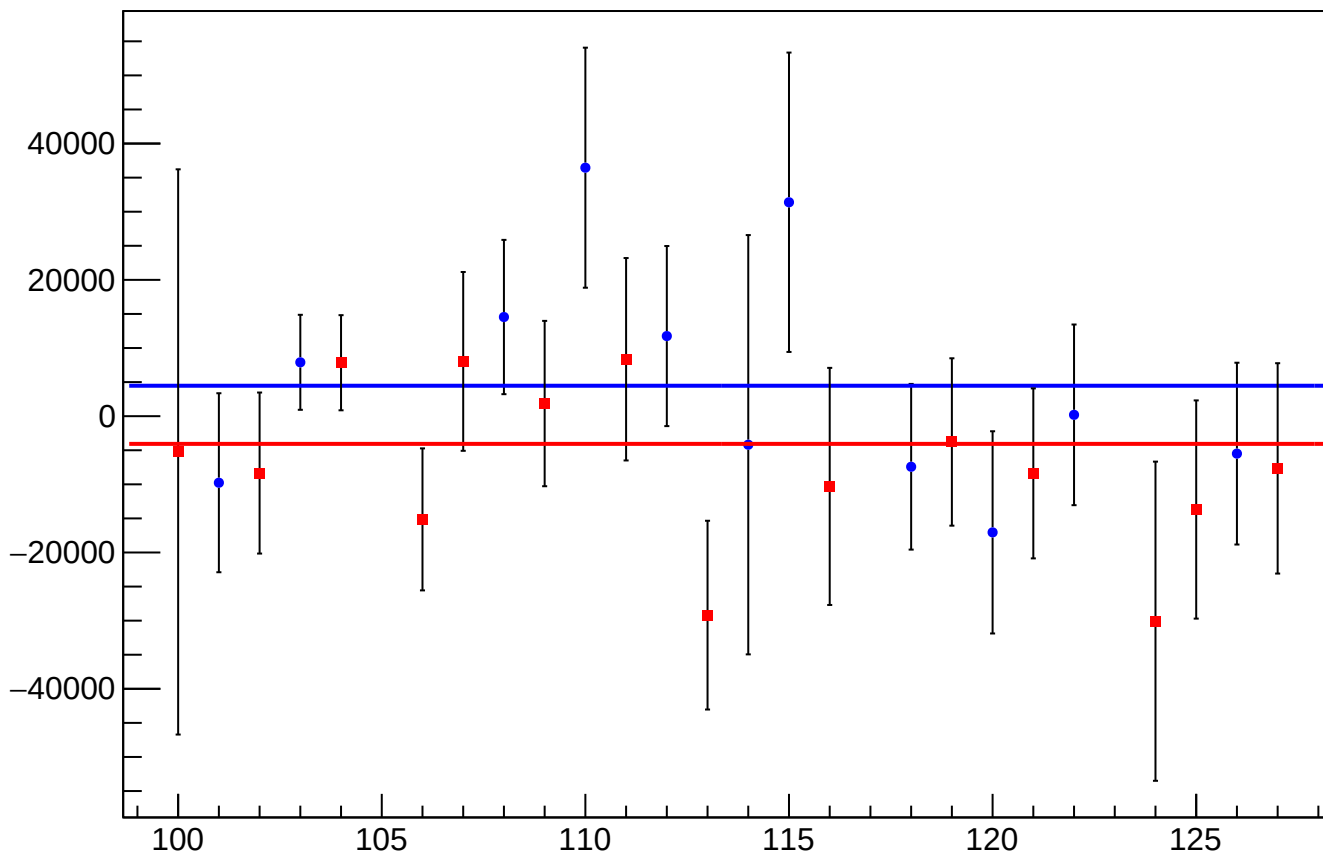
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7504.152+/-1.721 χ^2/NDF : 857834.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_mean vs Slug



Right In: 4466.334+/-3809.576 χ^2/NDF : 11.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4063.835+/-3407.244 χ^2/NDF : 11.2/13

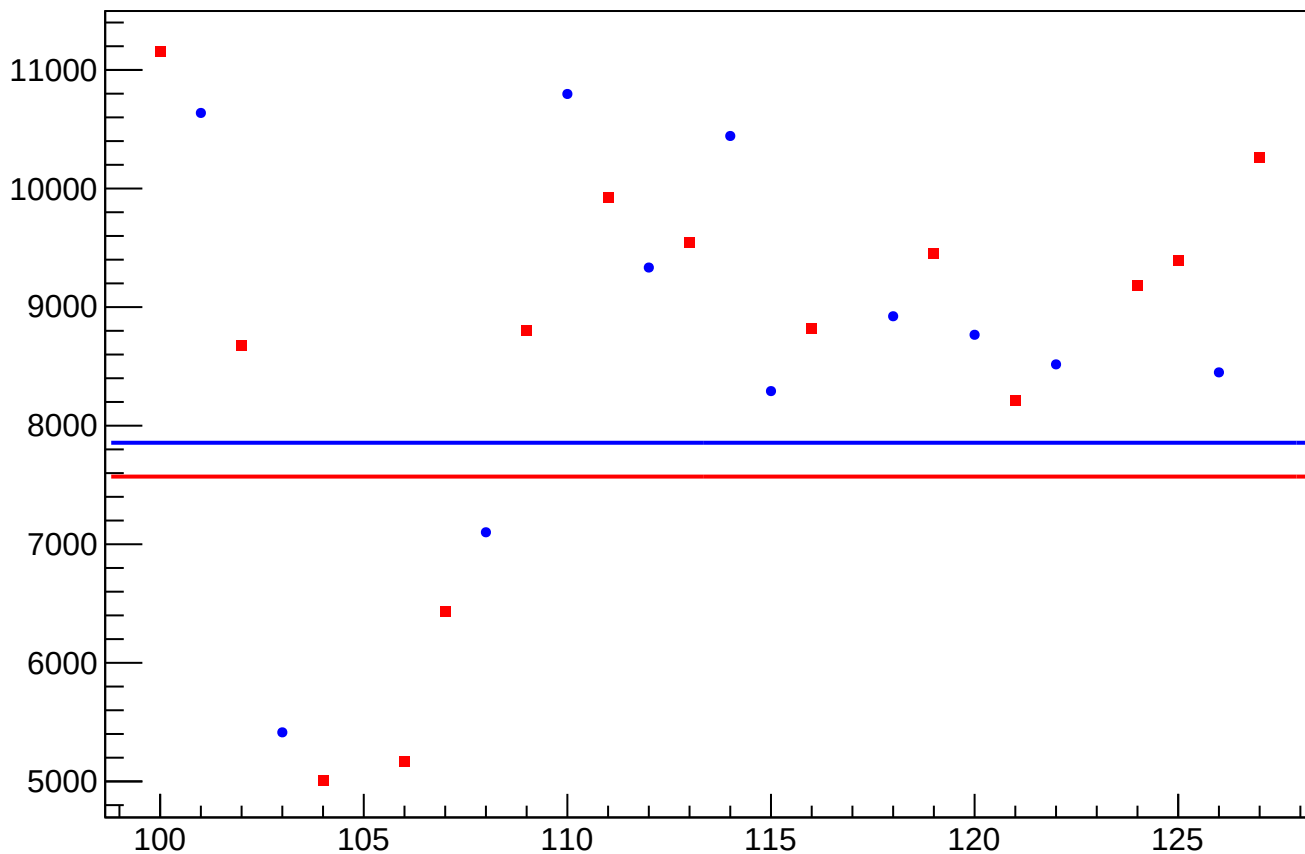
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -272.827+/-2539.657 χ^2/NDF : 25.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_rms vs Slug



Right In: 7856.032+/-2.694 χ^2/NDF : 471878.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7570.698+/-2.409 χ^2/NDF : 692853.4/13

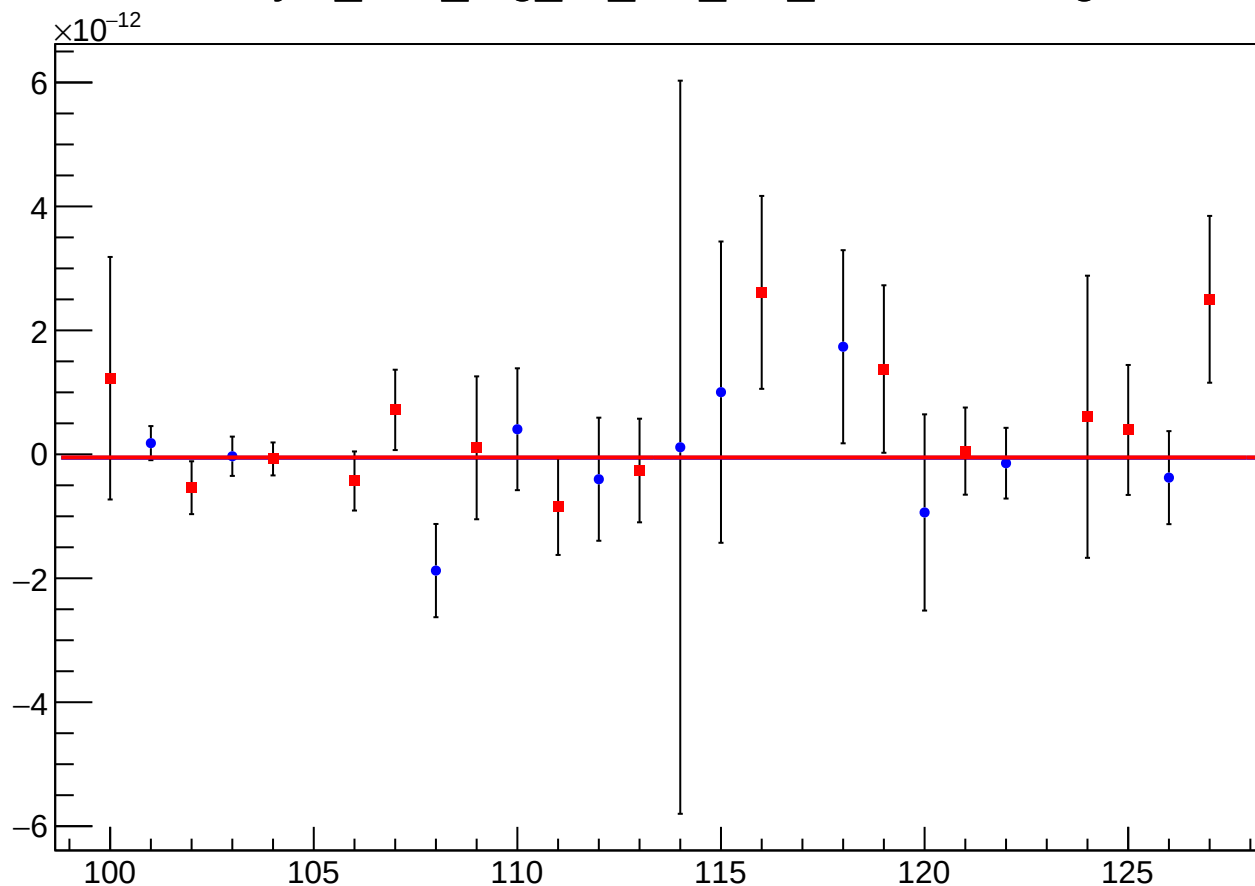
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7697.504+/-1.796 χ^2/NDF : 1170965.9/24

- 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: 9.0/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 12.8/13

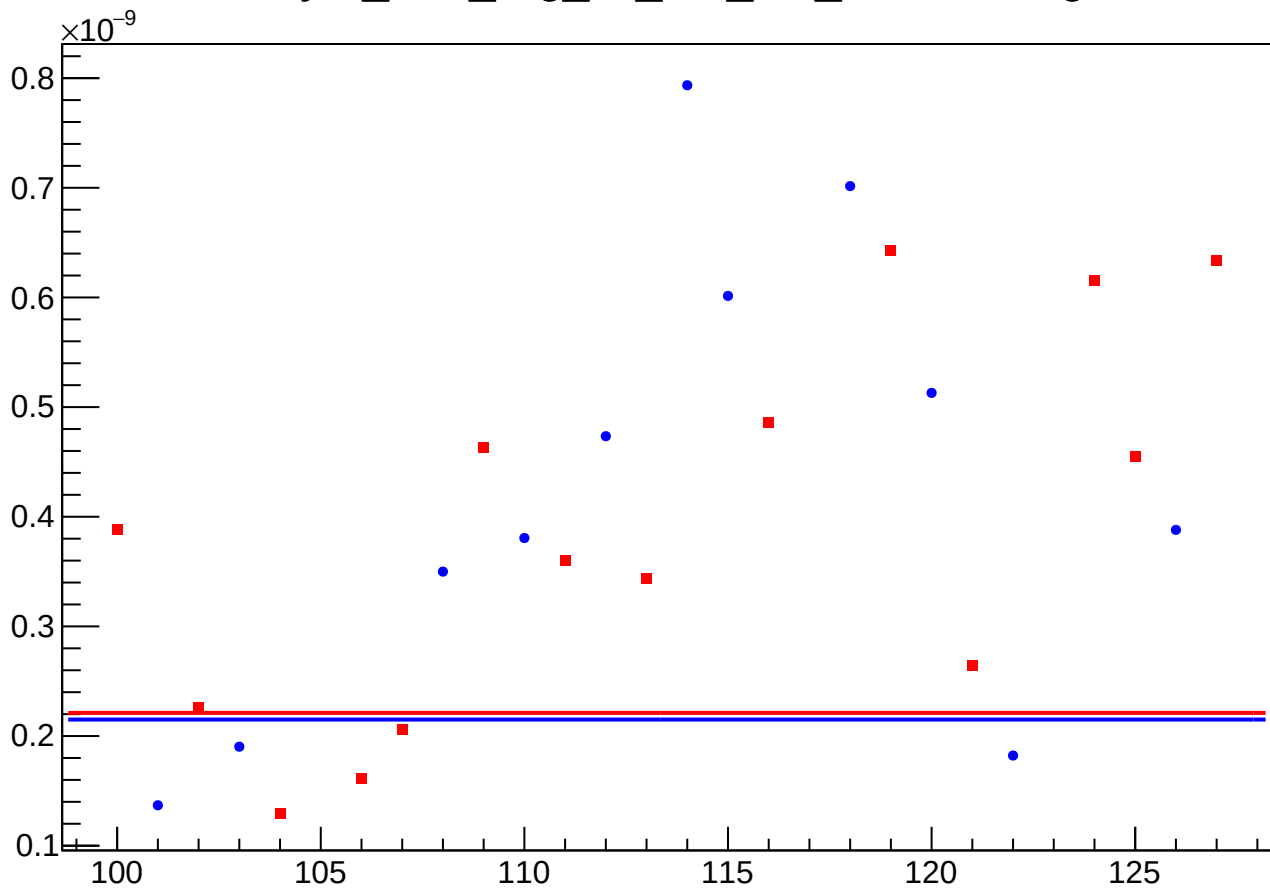
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 21.8/24

- 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 : 878533.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1089445.4/13

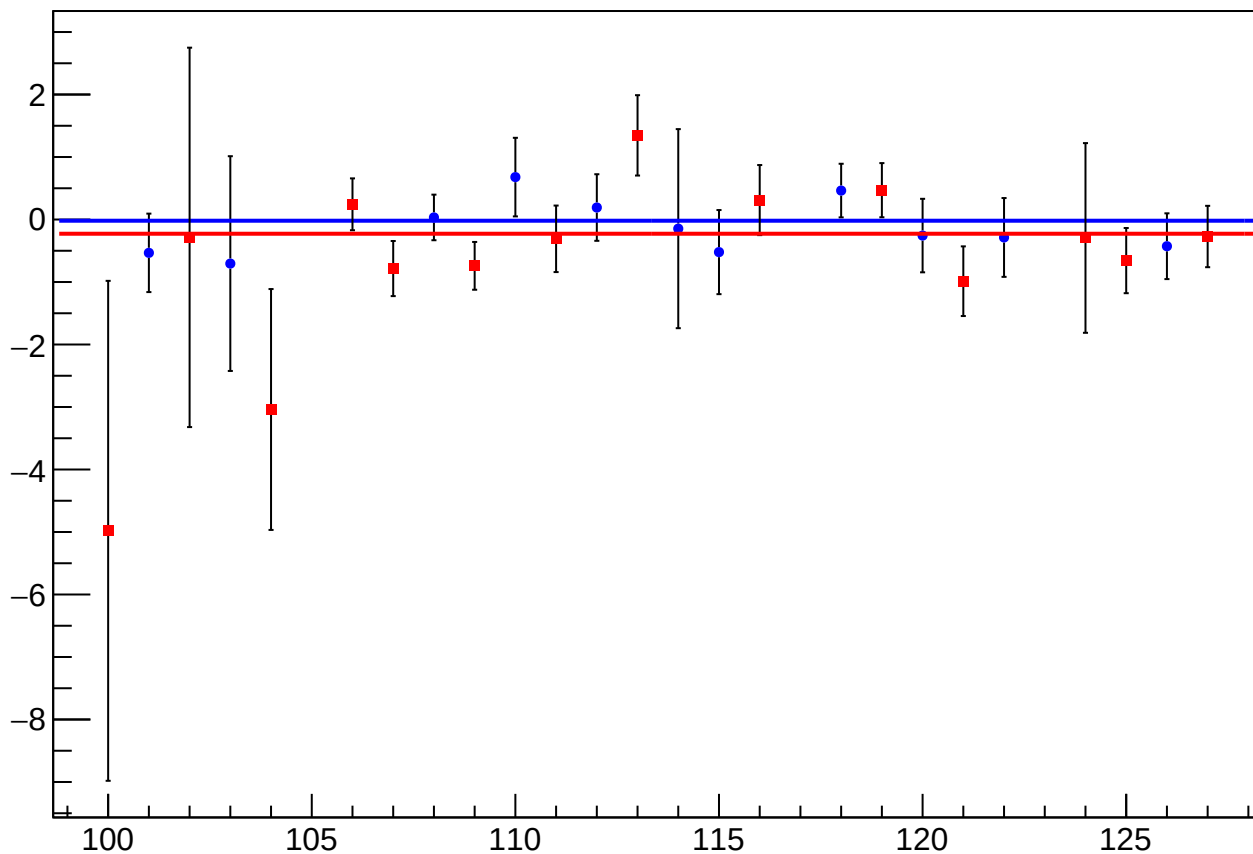
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1969232.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_dit_vs_cor_diff_mean vs Slug



Right In: -0.019 ± 0.173 χ^2/NDF : 5.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.228 ± 0.150 χ^2/NDF : 20.3/13

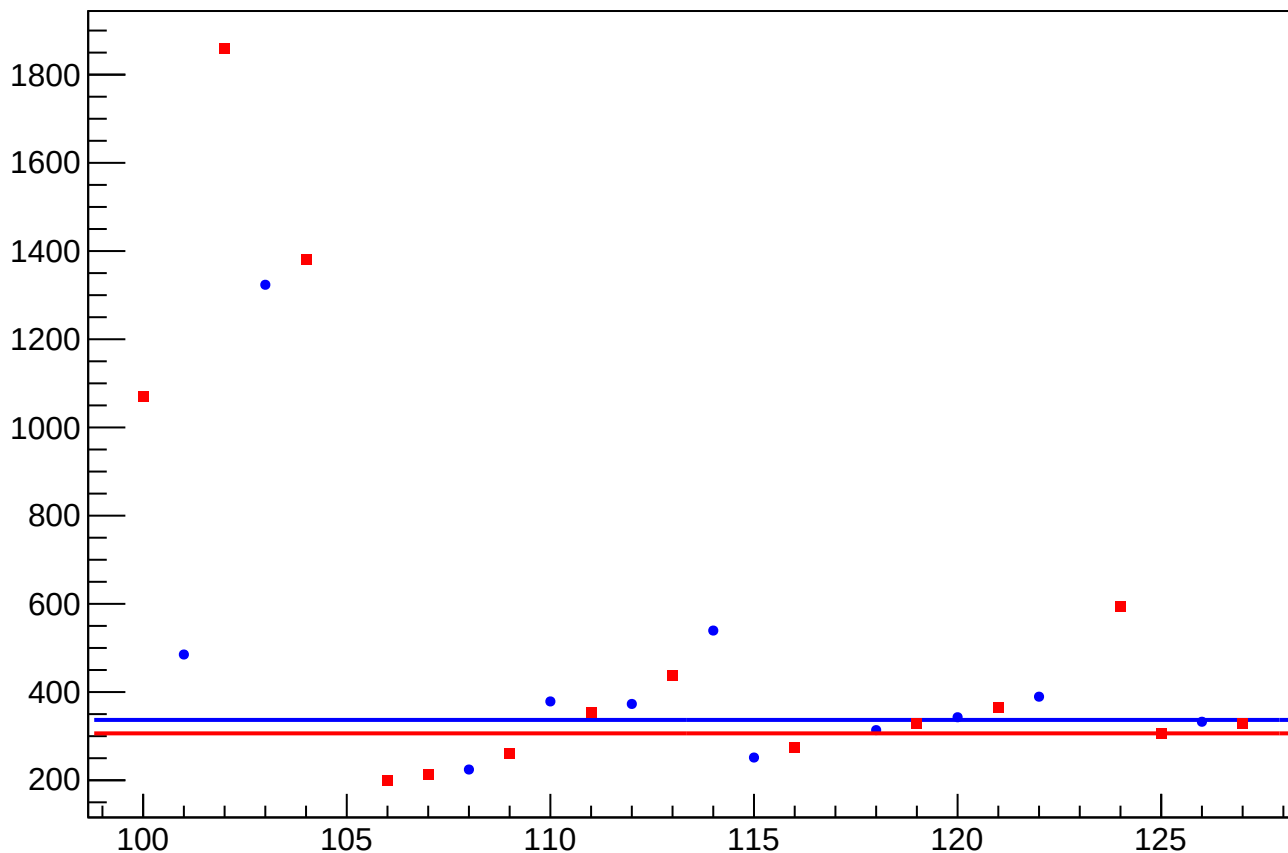
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.138 ± 0.113 χ^2/NDF : 26.1/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr2_dit_vs_cor_diff_rms vs Slug



Right In: 336.813+/-0.122 χ^2/NDF : 1064441.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 306.333+/-0.106 χ^2/NDF : 1678294.6/13

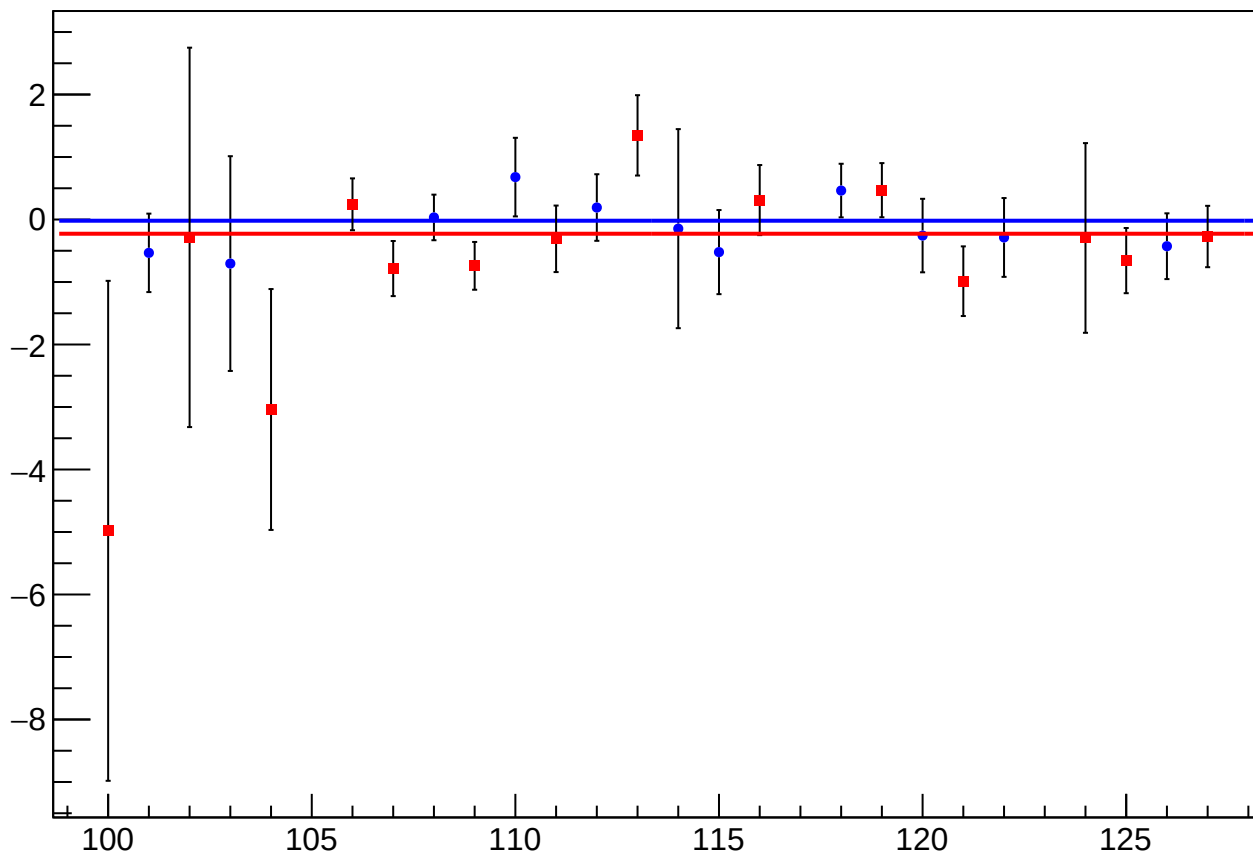
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 319.481+/-0.080 χ^2/NDF : 2778138.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.019 ± 0.173 χ^2/NDF : 5.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.228 ± 0.150 χ^2/NDF : 20.3/13

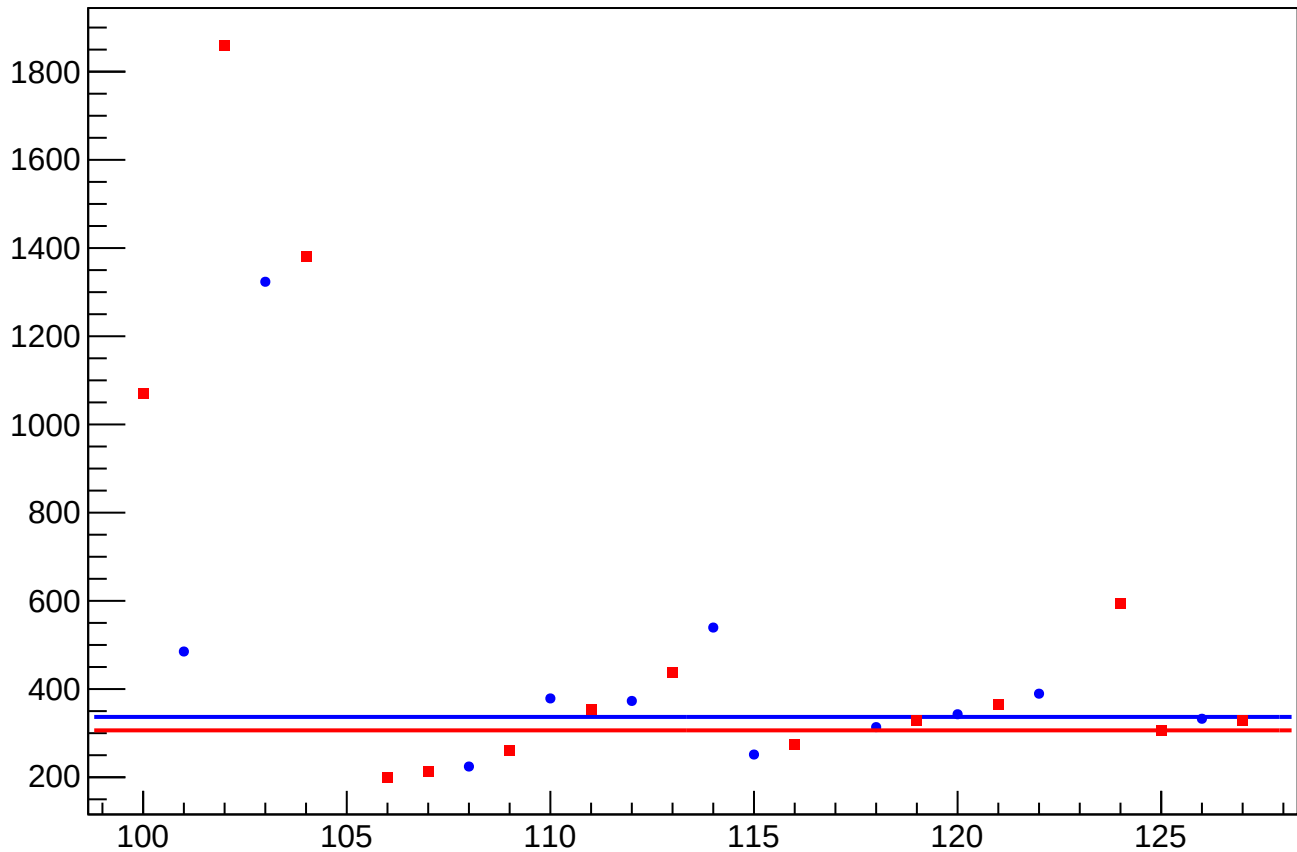
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.138 ± 0.113 χ^2/NDF : 26.1/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr2_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 336.813+/-0.122 χ^2/NDF : 1064441.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

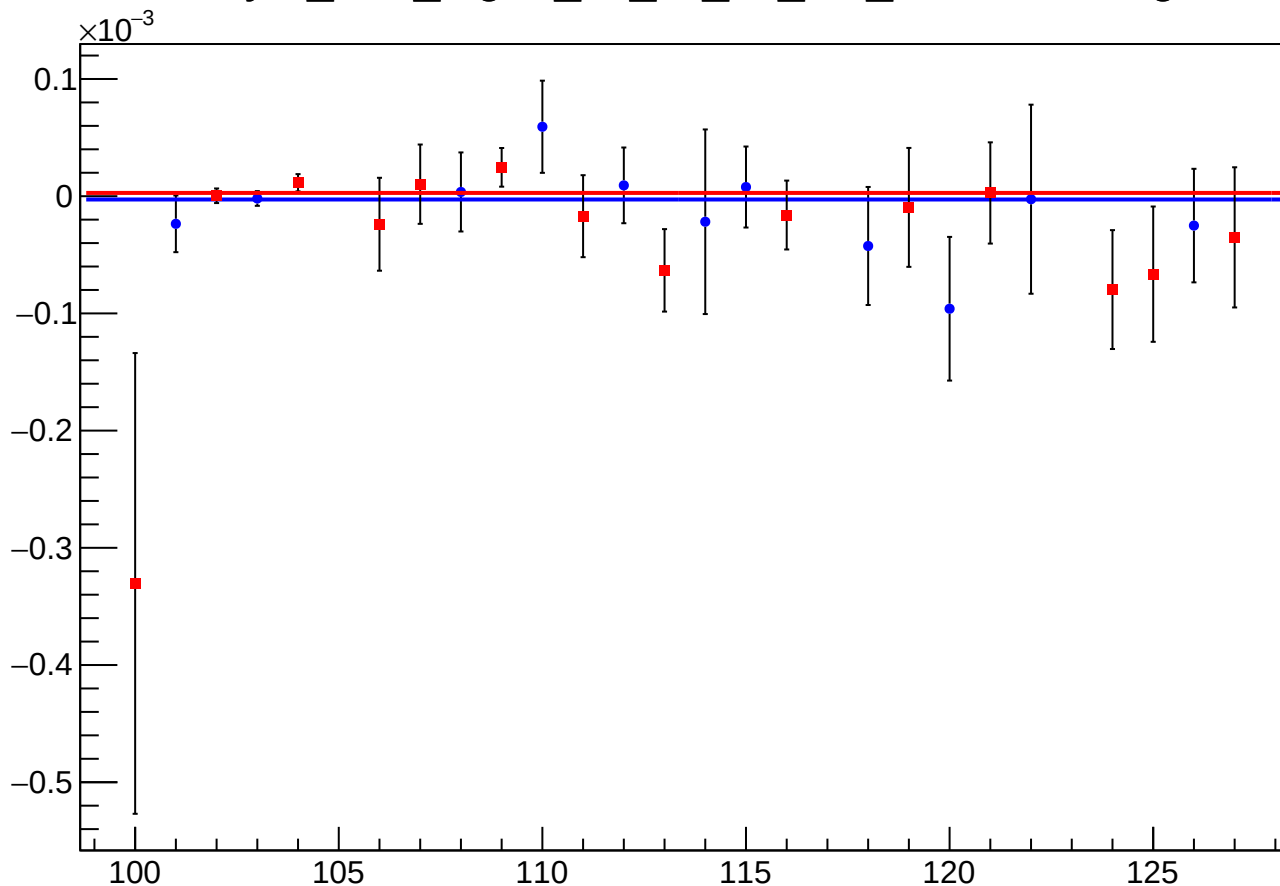
Right Out: 306.333+/-0.106 χ^2/NDF : 1678294.6/13

All: 319.481+/-0.080 χ^2/NDF : 2778138.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 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: 6.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.5/13

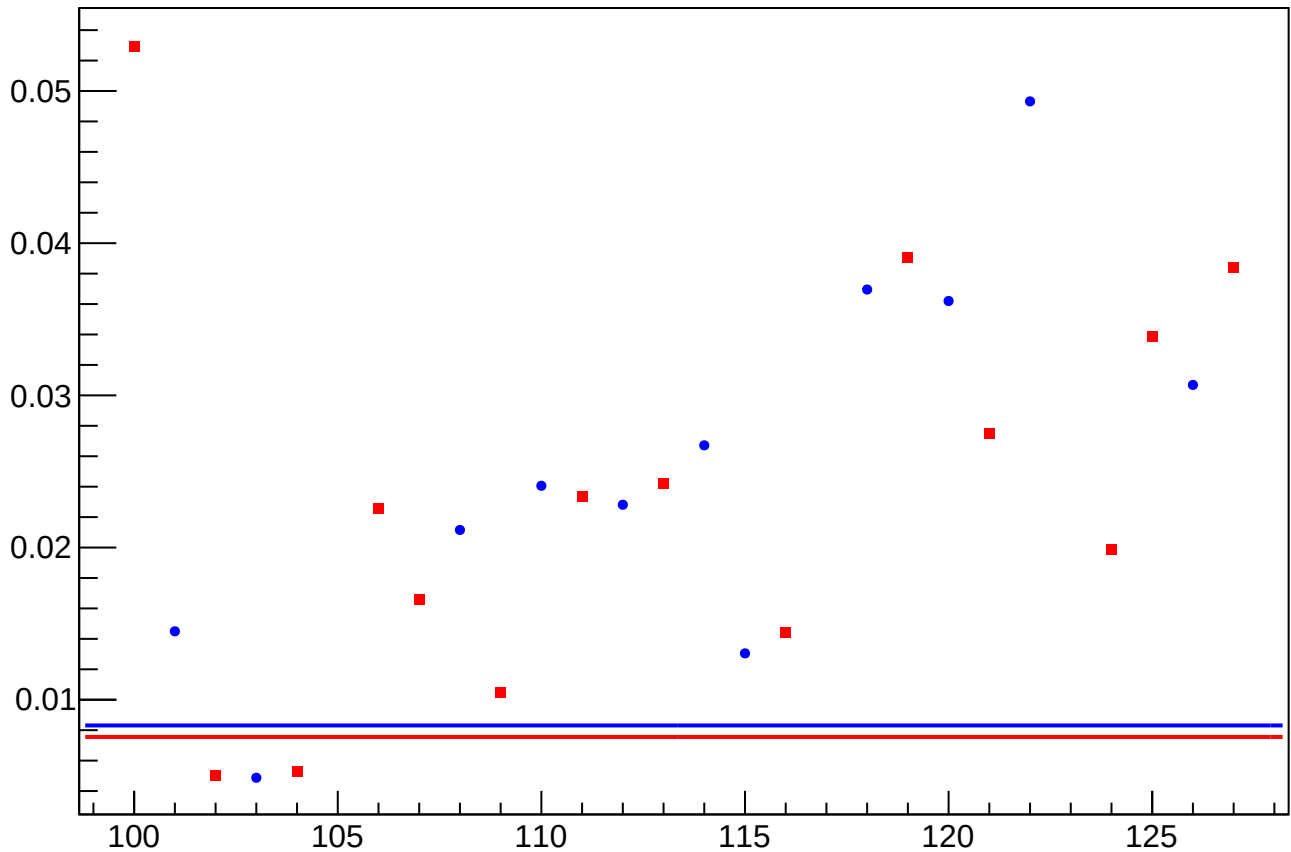
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 22.8/24

- 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 : 3897717.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 4355033.6/13

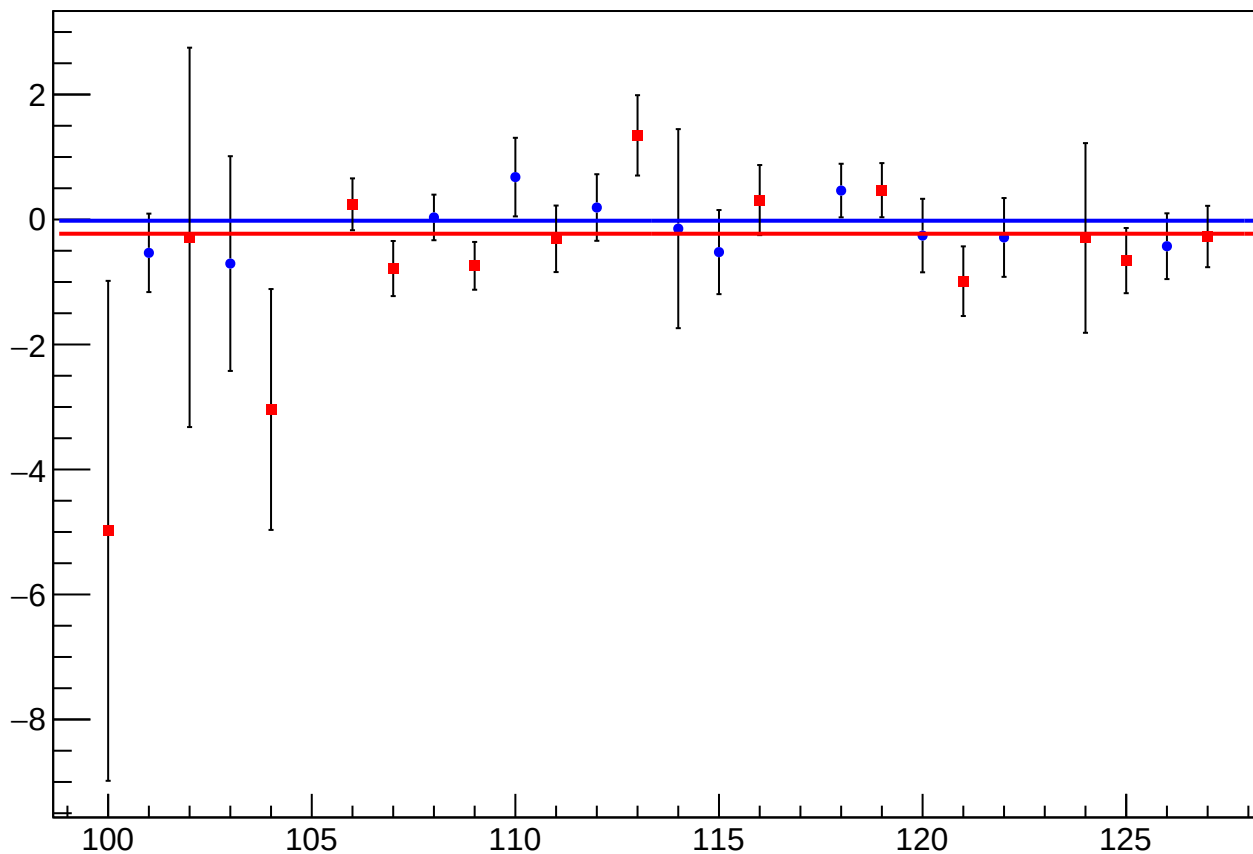
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 8275651.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.019 ± 0.173 χ^2/NDF : 5.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.228 ± 0.150 χ^2/NDF : 20.3/13

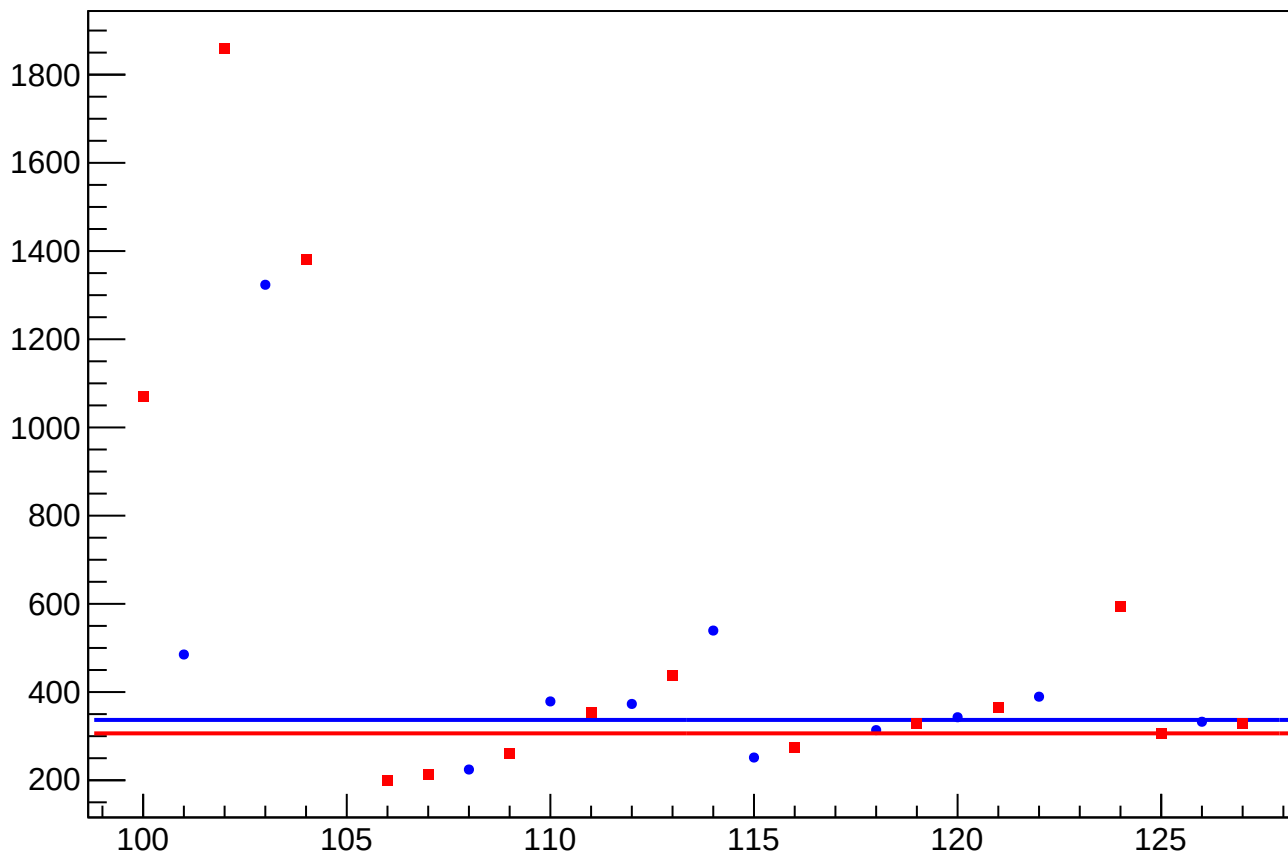
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.138 ± 0.113 χ^2/NDF : 26.1/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 336.810+/-0.122 χ^2/NDF : 1064470.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 306.333+/-0.106 χ^2/NDF : 1678288.9/13

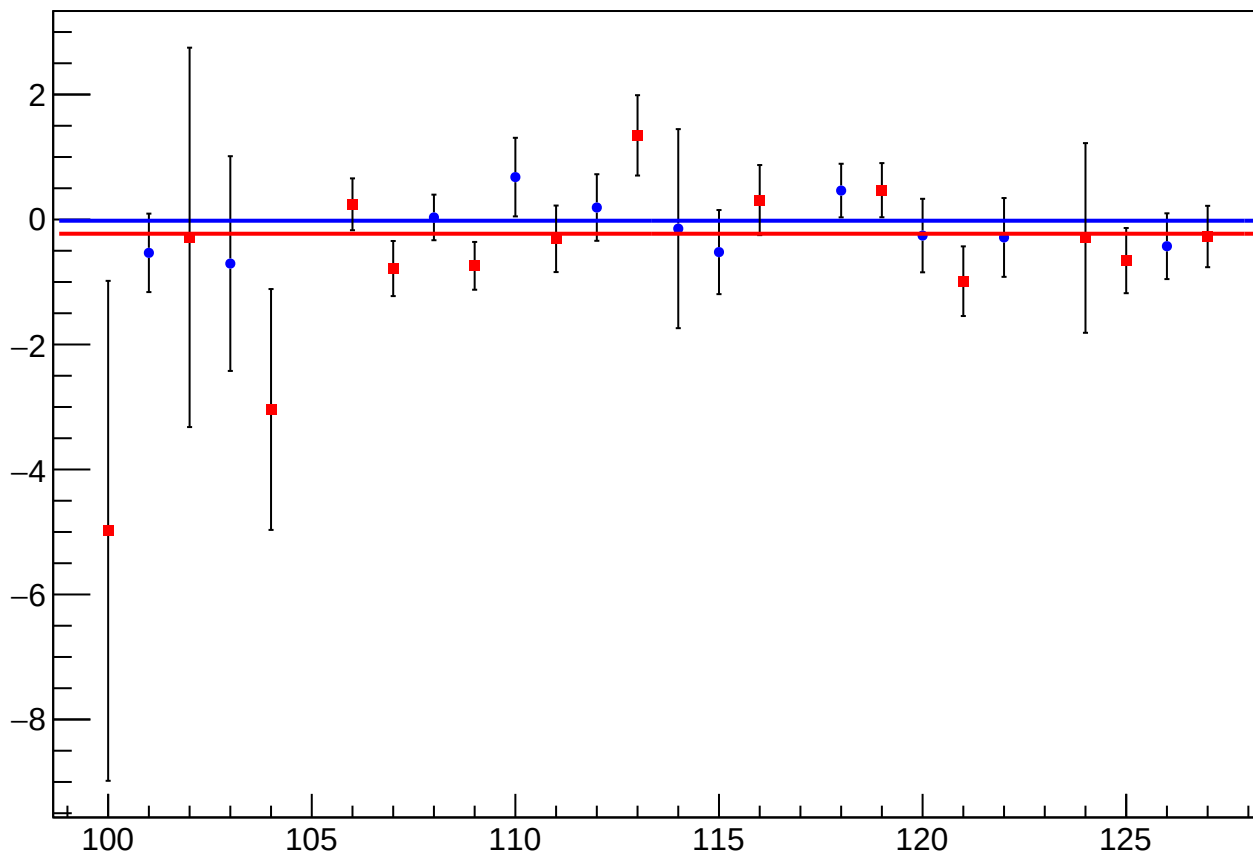
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 319.480+/-0.080 χ^2/NDF : 2778154.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.019 ± 0.173 χ^2/NDF : 5.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.228 ± 0.150 χ^2/NDF : 20.3/13

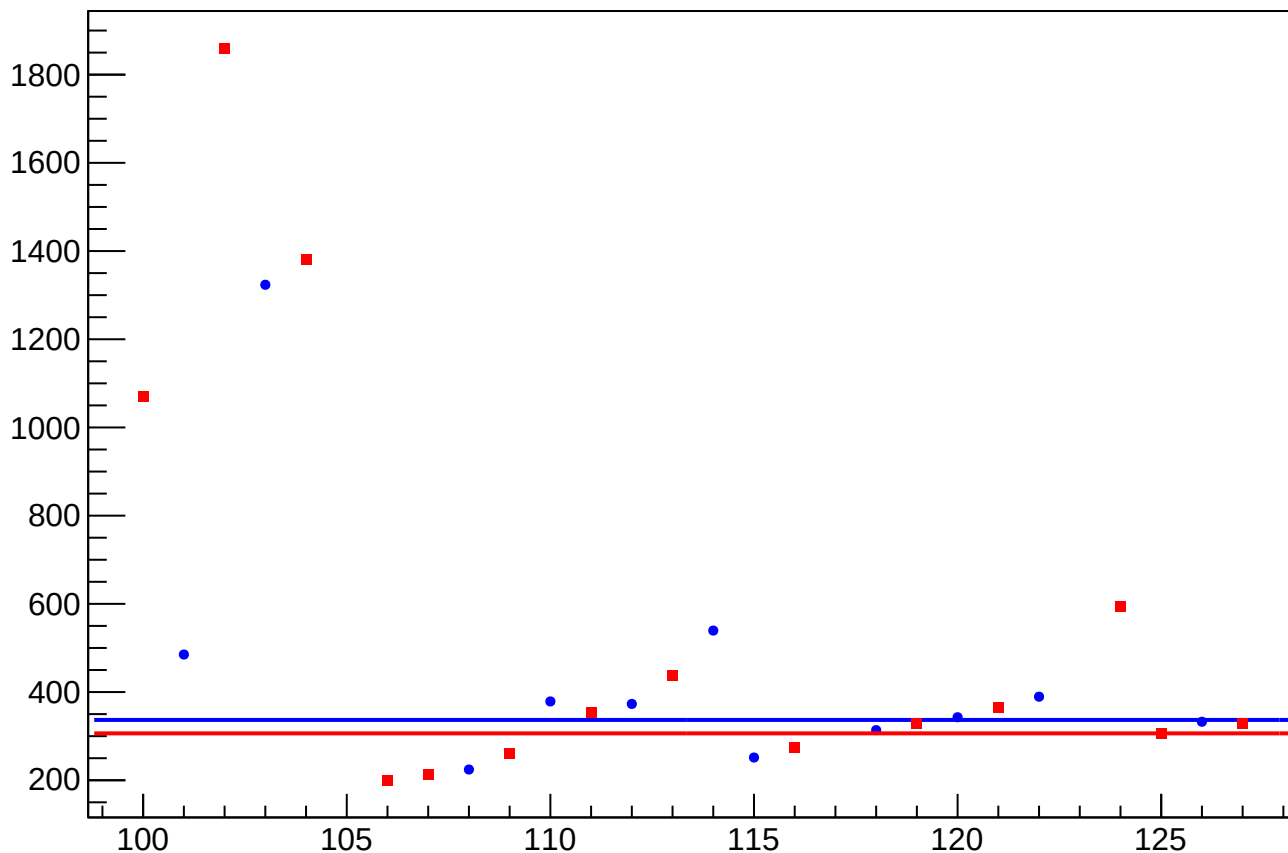
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.138 ± 0.113 χ^2/NDF : 26.1/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 336.810+/-0.122 χ^2/NDF : 1064470.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 306.333+/-0.106 χ^2/NDF : 1678288.9/13

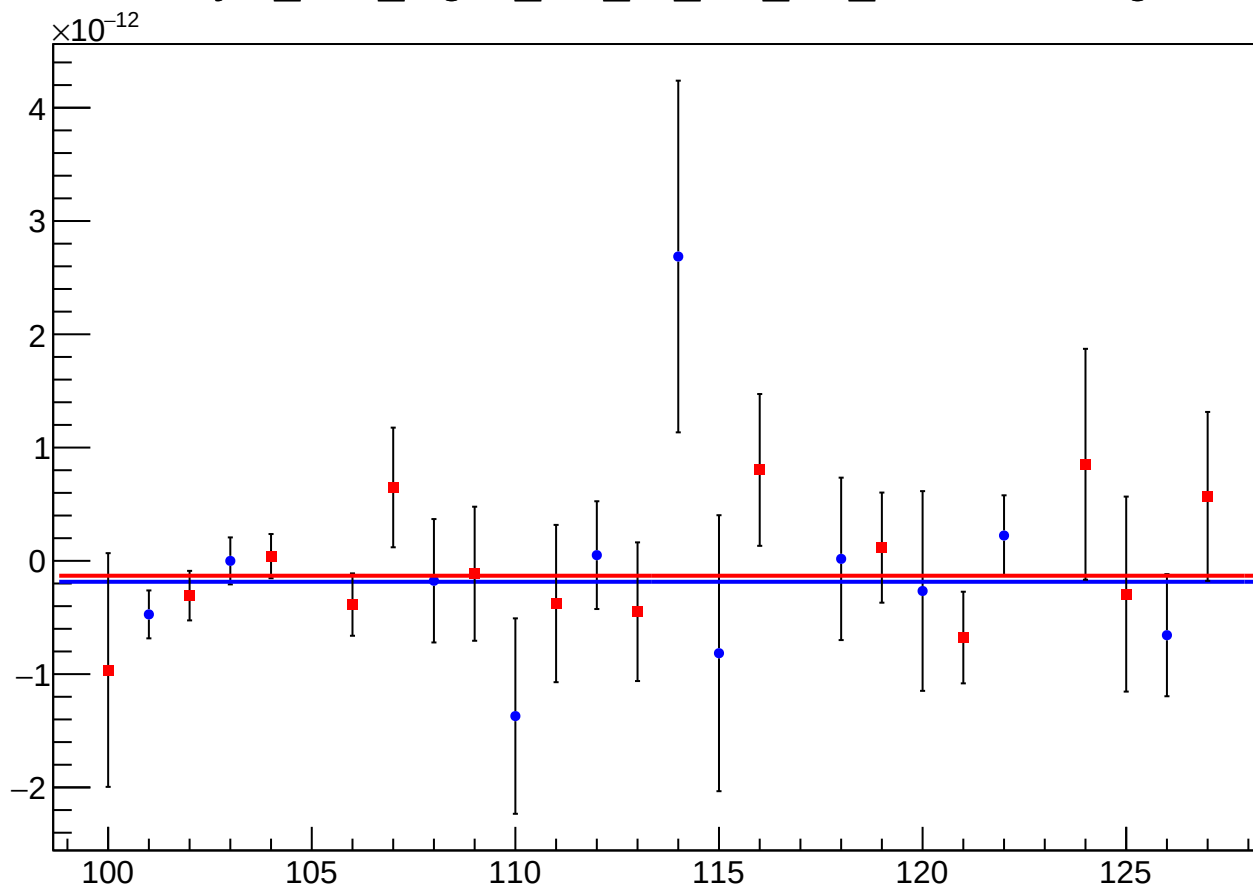
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 319.480+/-0.080 χ^2/NDF : 2778154.9/24

- 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 : 10.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.4/13

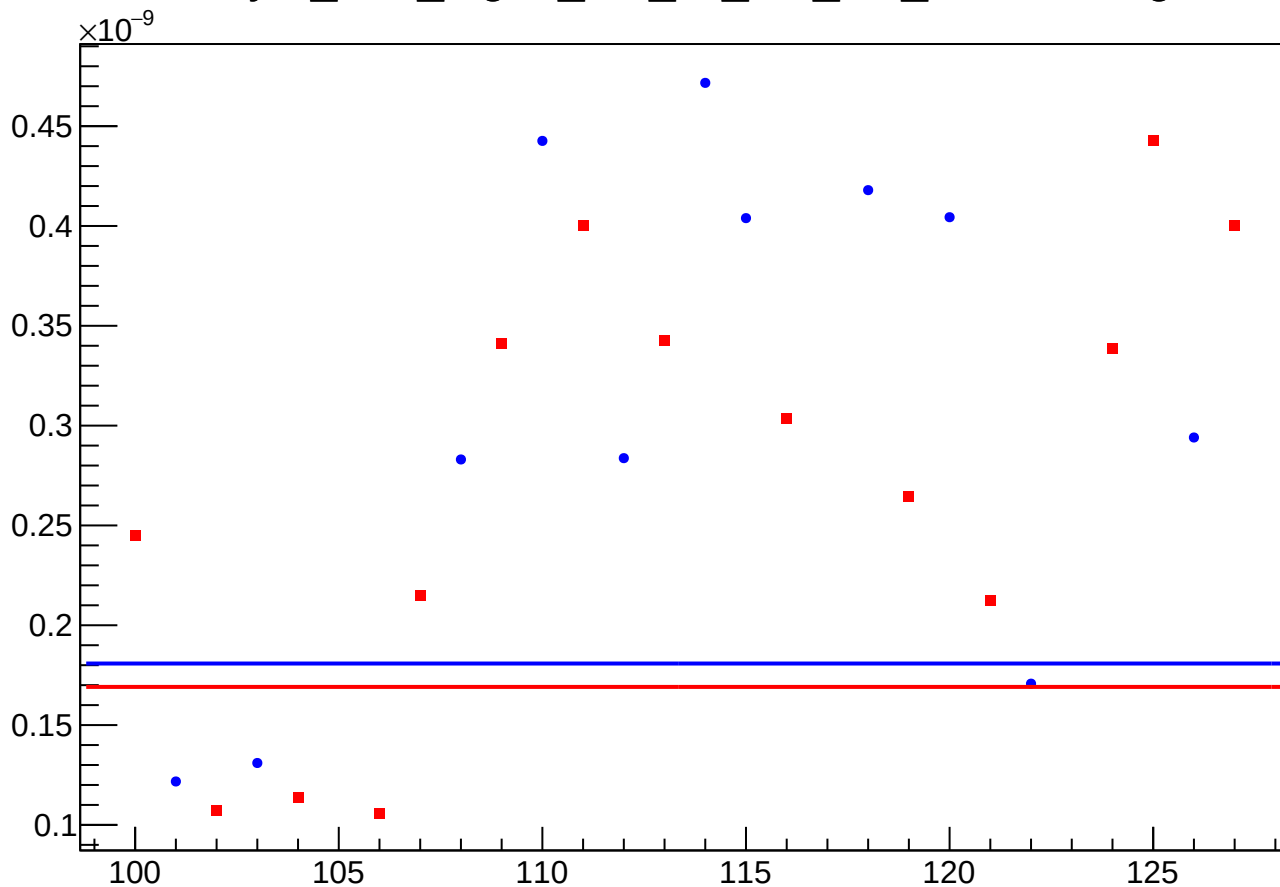
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.1/24

- 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 : 1194263.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1635022.9/13

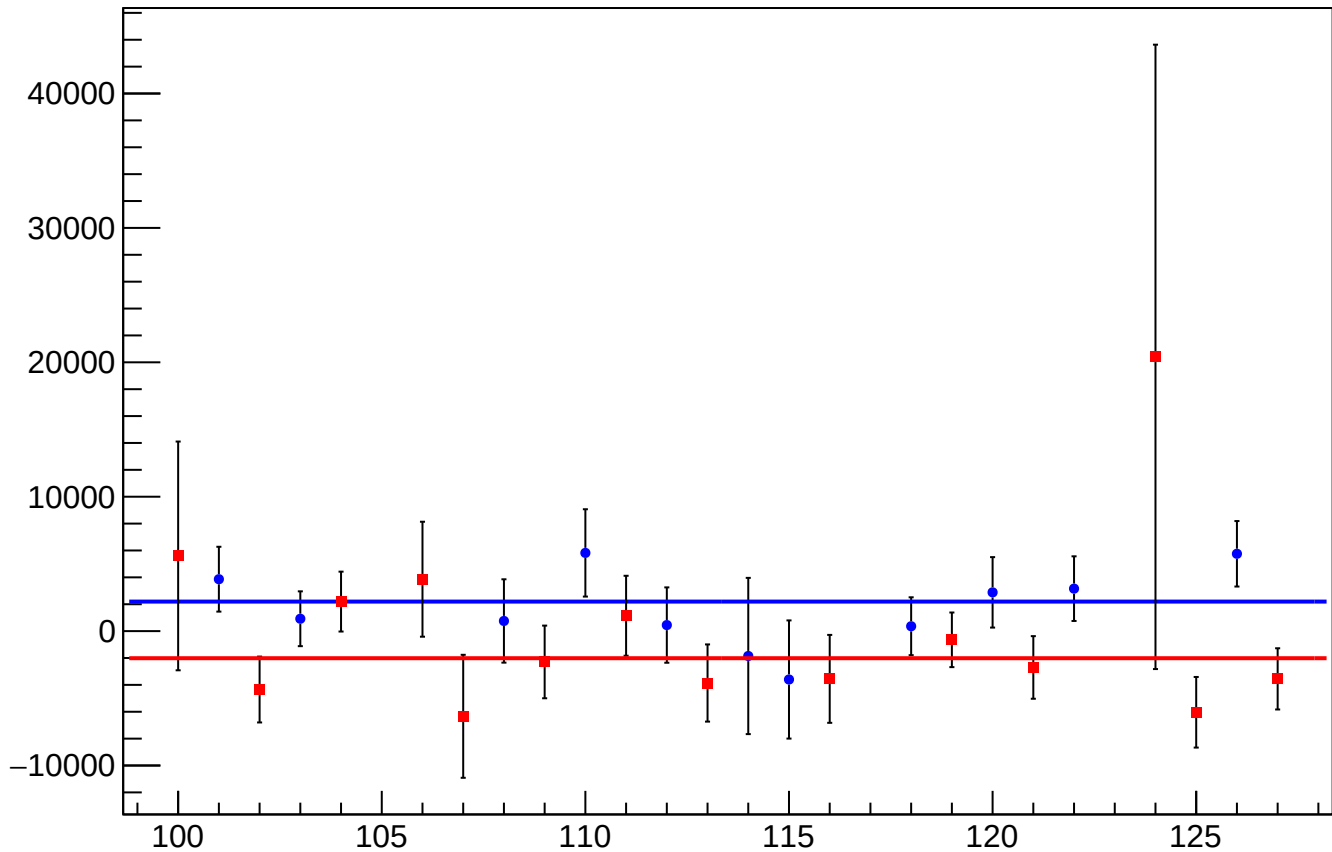
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2840092.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_mean vs Slug



Right In: 2197.275 $\pm$ 810.508 χ^2 /NDF: 8.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2016.374 $\pm$ 763.621 χ^2 /NDF: 14.1/13

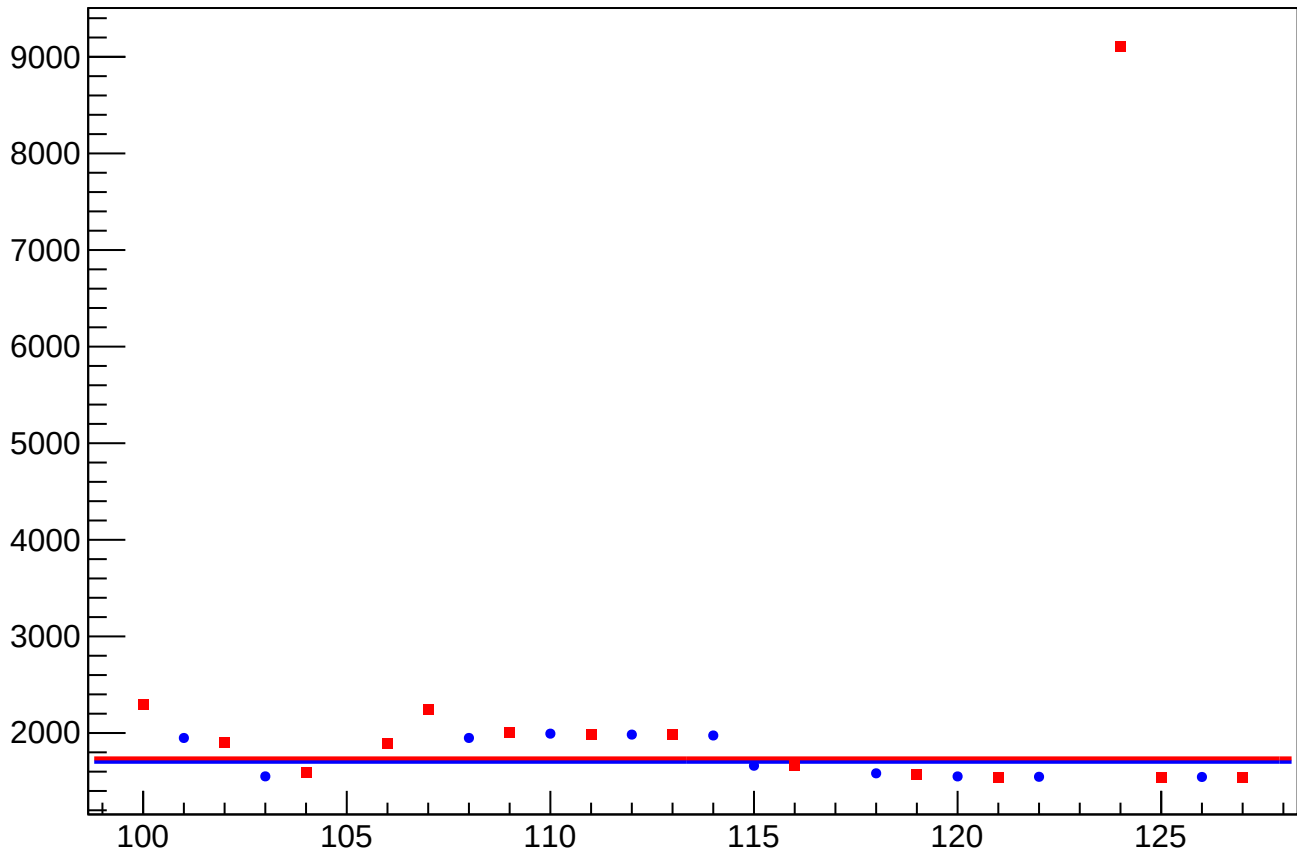
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -34.946 $\pm$ 555.798 χ^2 /NDF: 36.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_rms vs Slug



Right In: 1702.111+/-0.573 χ^2/NDF : 114802.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

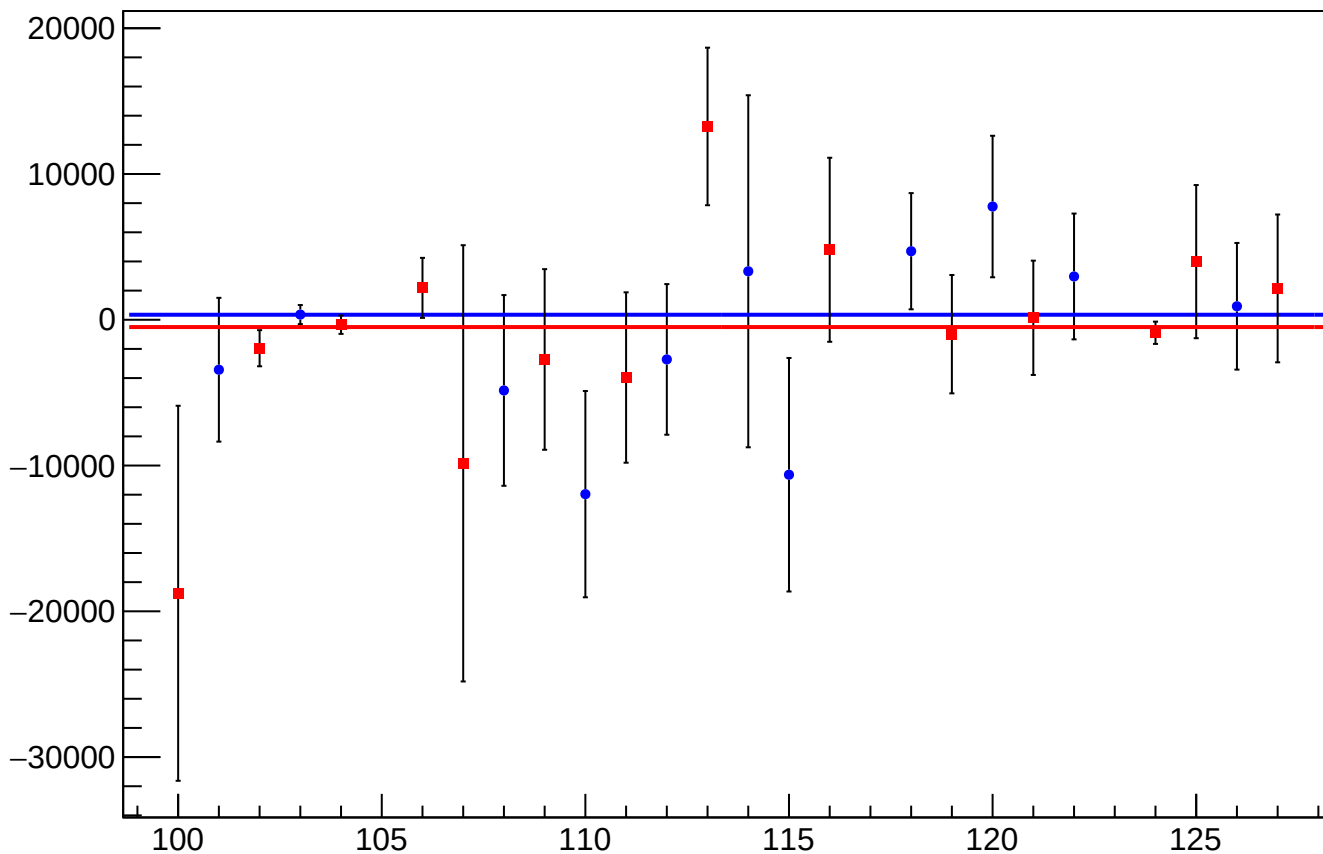
Right Out: 1737.321+/-0.536 χ^2/NDF : 358681.7/13

All: 1720.881+/-0.392 χ^2/NDF : 475496.3/24

- 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_reg_correction_mean vs Slug



Right In: 344.702 $\pm$ 609.199 χ^2 /NDF: 10.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -500.714 $\pm$ 429.700 χ^2 /NDF: 14.5/13

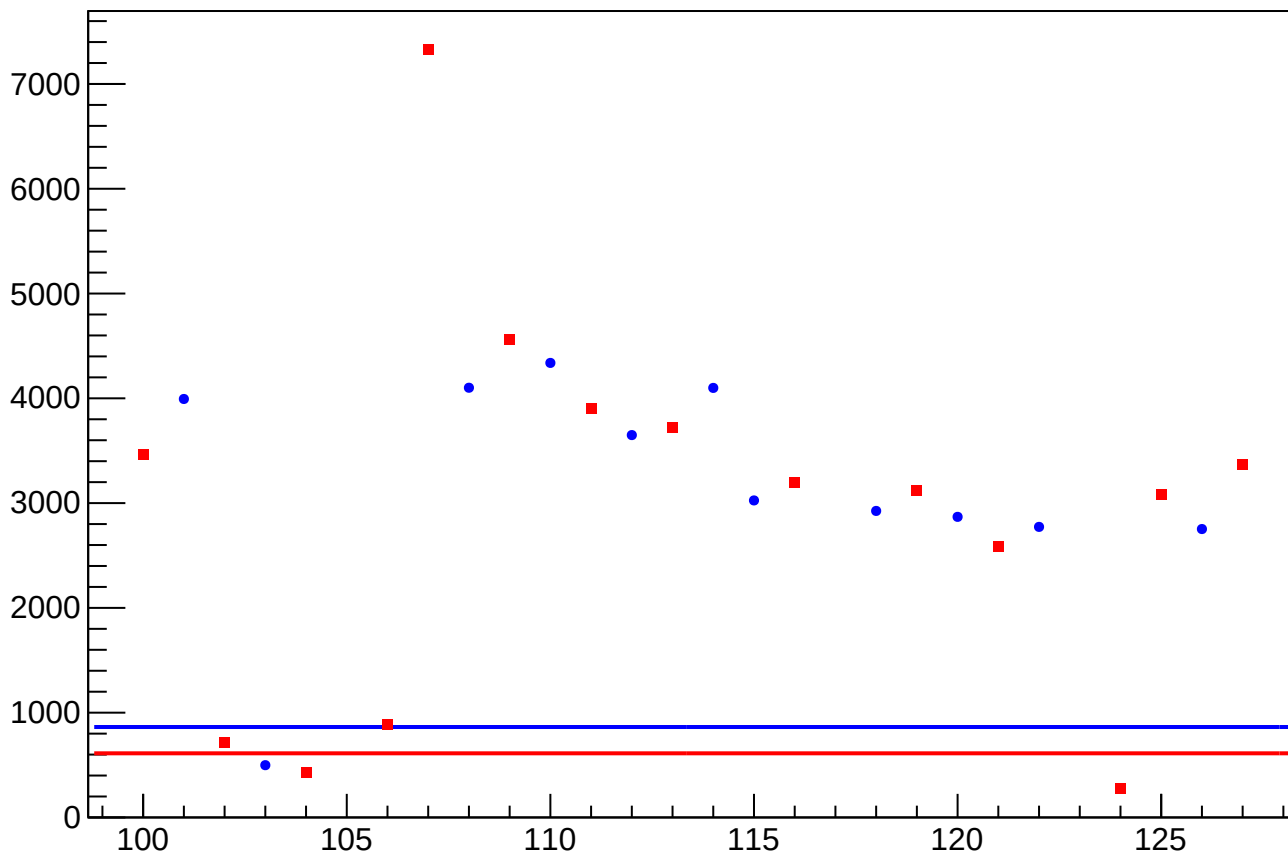
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -219.841 $\pm$ 351.139 χ^2 /NDF: 26.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_reg_correction_rms vs Slug



Right In: 863.162+/-0.431 χ^2/NDF : 4916298.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 612.129+/-0.304 χ^2/NDF : 5842016.7/13

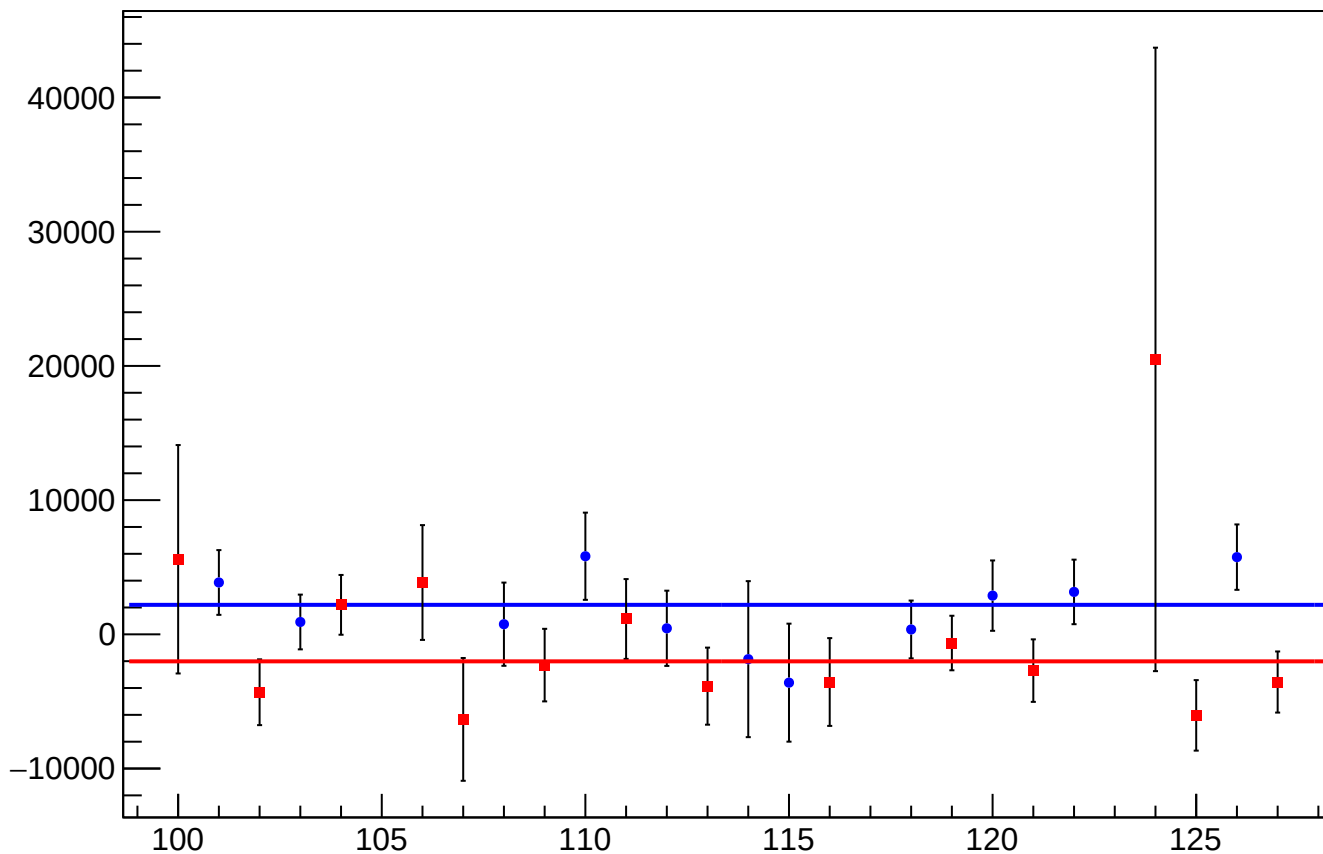
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 695.530+/-0.248 χ^2/NDF : 10985093.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_avg_mean vs Slug



Right In: 2197.541 $\pm$ 810.508 χ^2 /NDF: 8.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2012.853 $\pm$ 763.629 χ^2 /NDF: 14.1/13

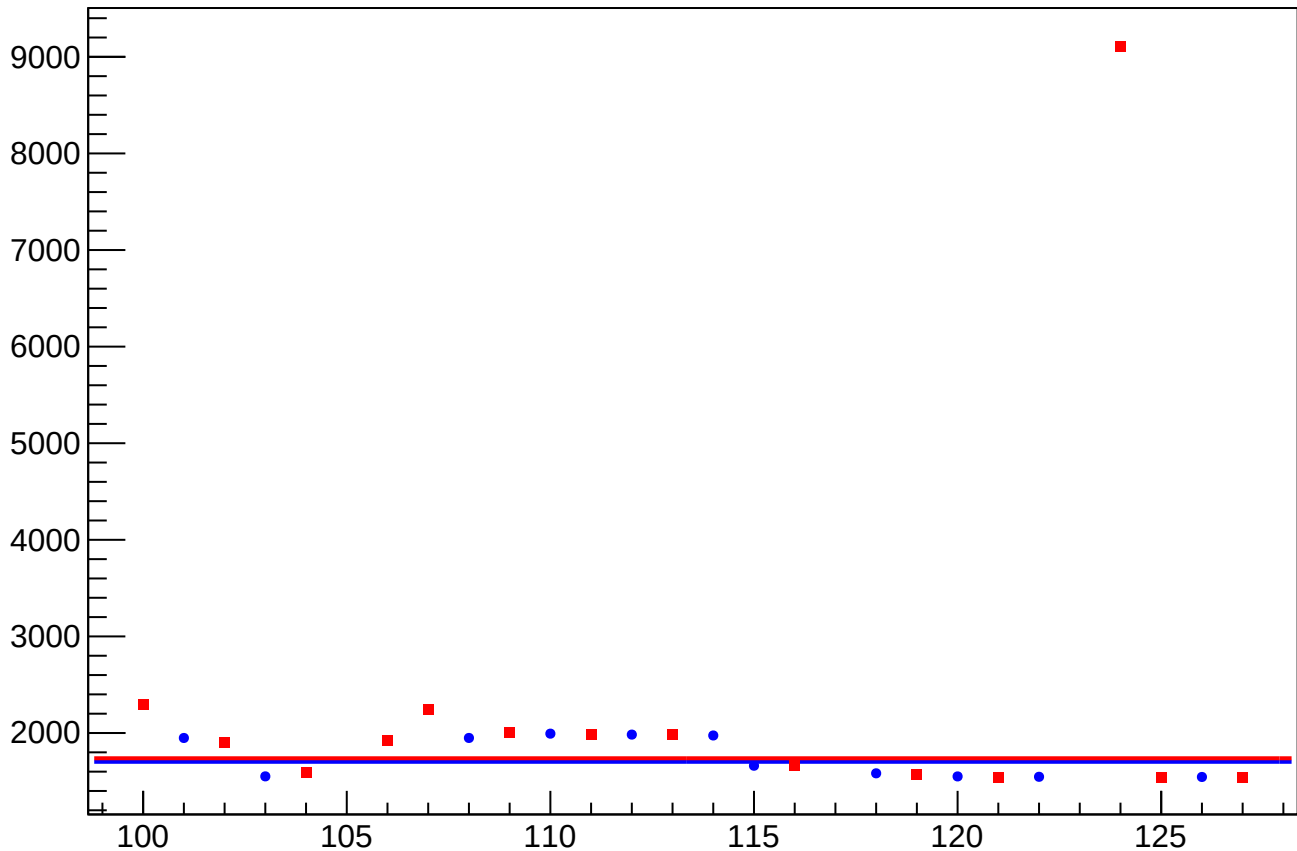
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -32.932 $\pm$ 555.802 χ^2 /NDF: 36.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl_avg_rms vs Slug



Right In: 1702.111+/-0.573 χ^2/NDF : 114802.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1738.522+/-0.537 χ^2/NDF : 360266.2/13

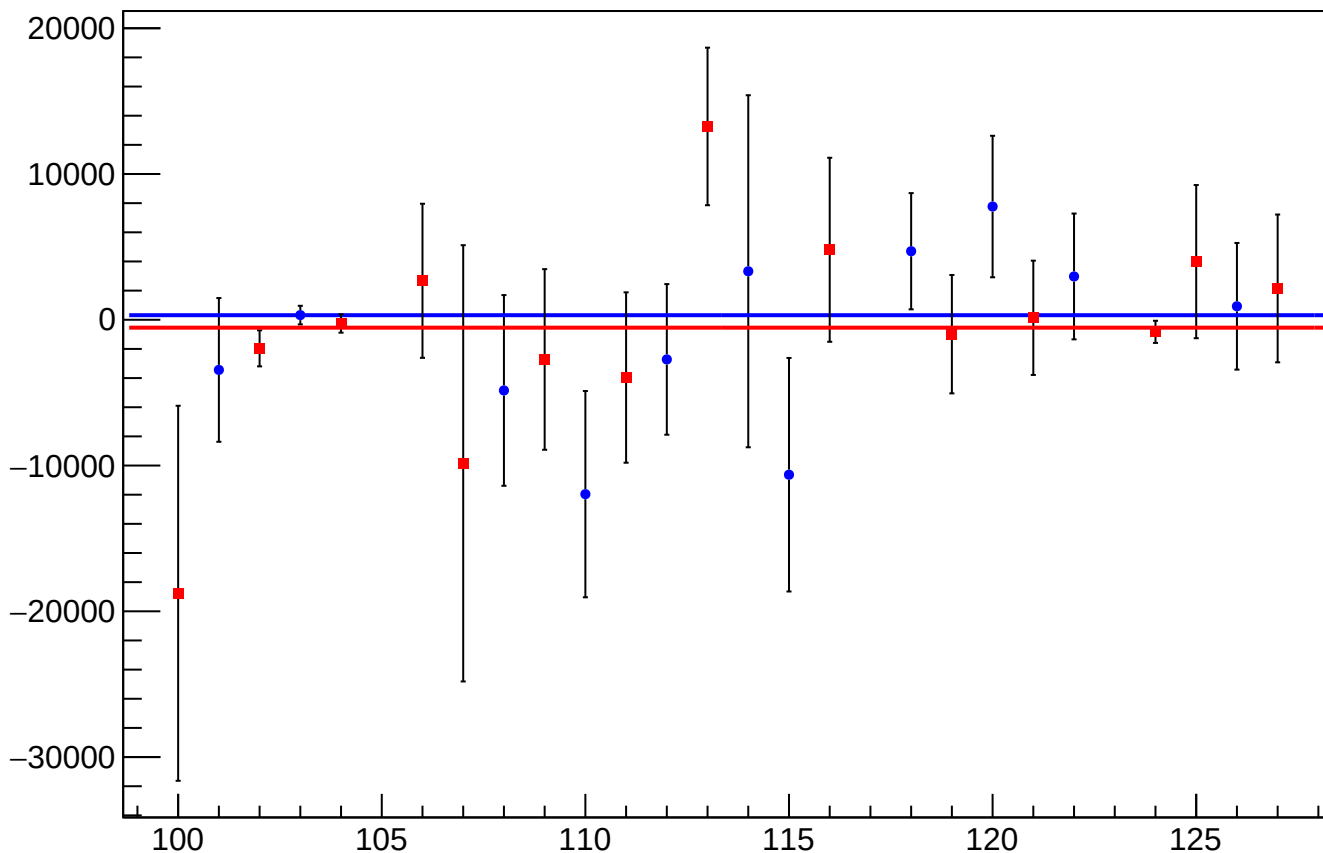
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1721.509+/-0.392 χ^2/NDF : 477219.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_cor_correction_mean vs Slug



Right In: 314.076+/-595.847 χ^2/NDF : 10.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -541.469+/-435.747 χ^2/NDF : 13.2/13

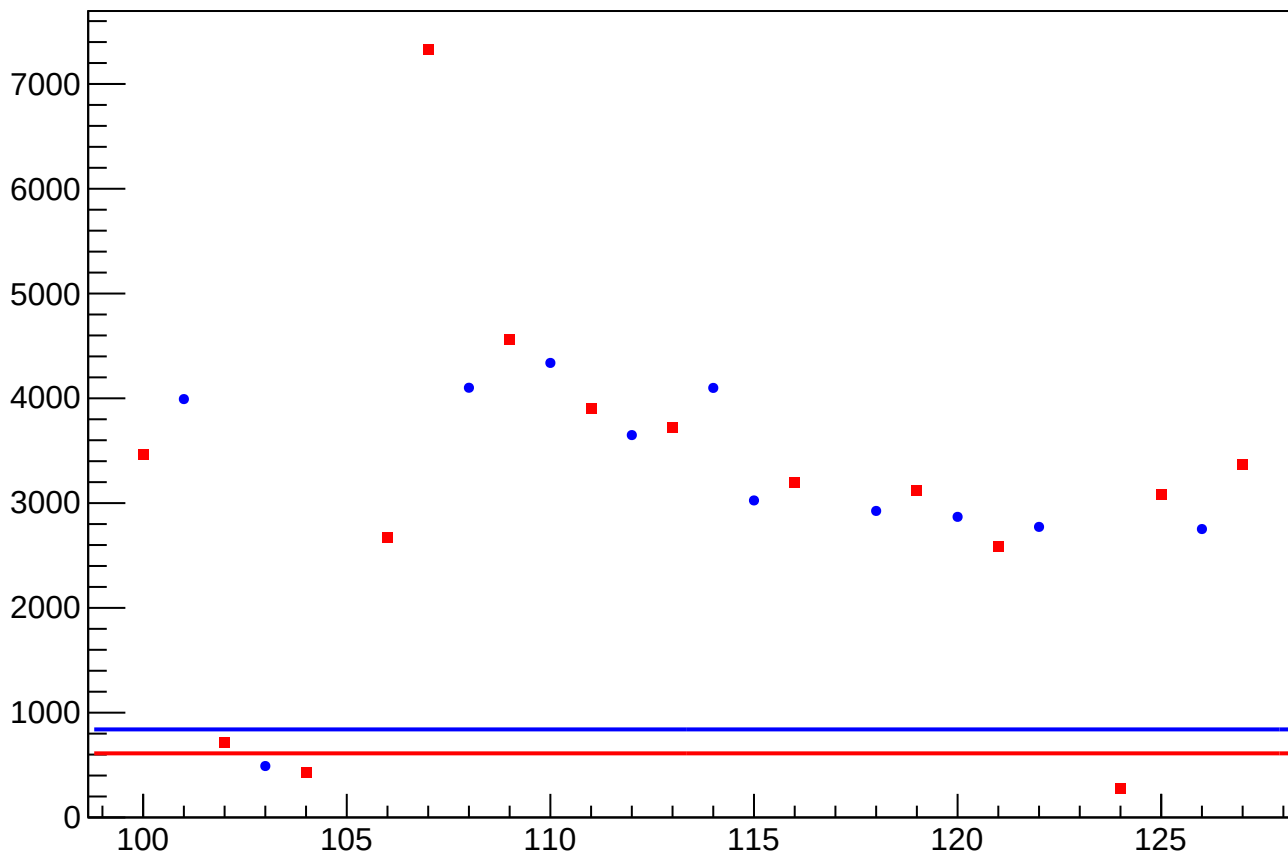
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -243.352+/-351.728 χ^2/NDF : 25.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_cor_correction_rms vs Slug



Right In: 840.266+/-0.421 χ^2/NDF : 4975149.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 611.764+/-0.308 χ^2/NDF : 6121993.1/13

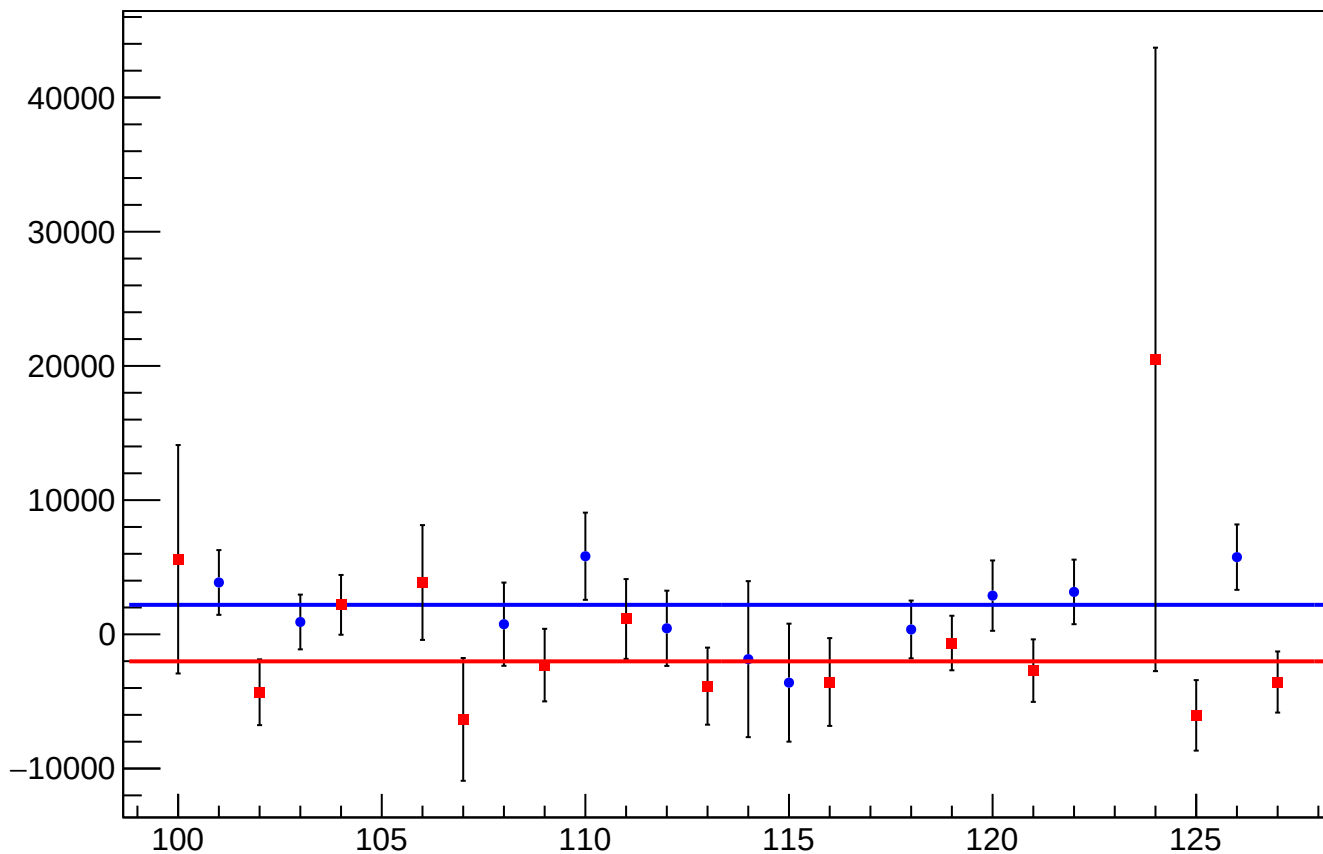
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 691.386+/-0.249 χ^2/NDF : 11288781.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_avg_mean vs Slug



Right In: 2197.541 $\pm$ 810.508 χ^2 /NDF: 8.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2012.853 $\pm$ 763.629 χ^2 /NDF: 14.1/13

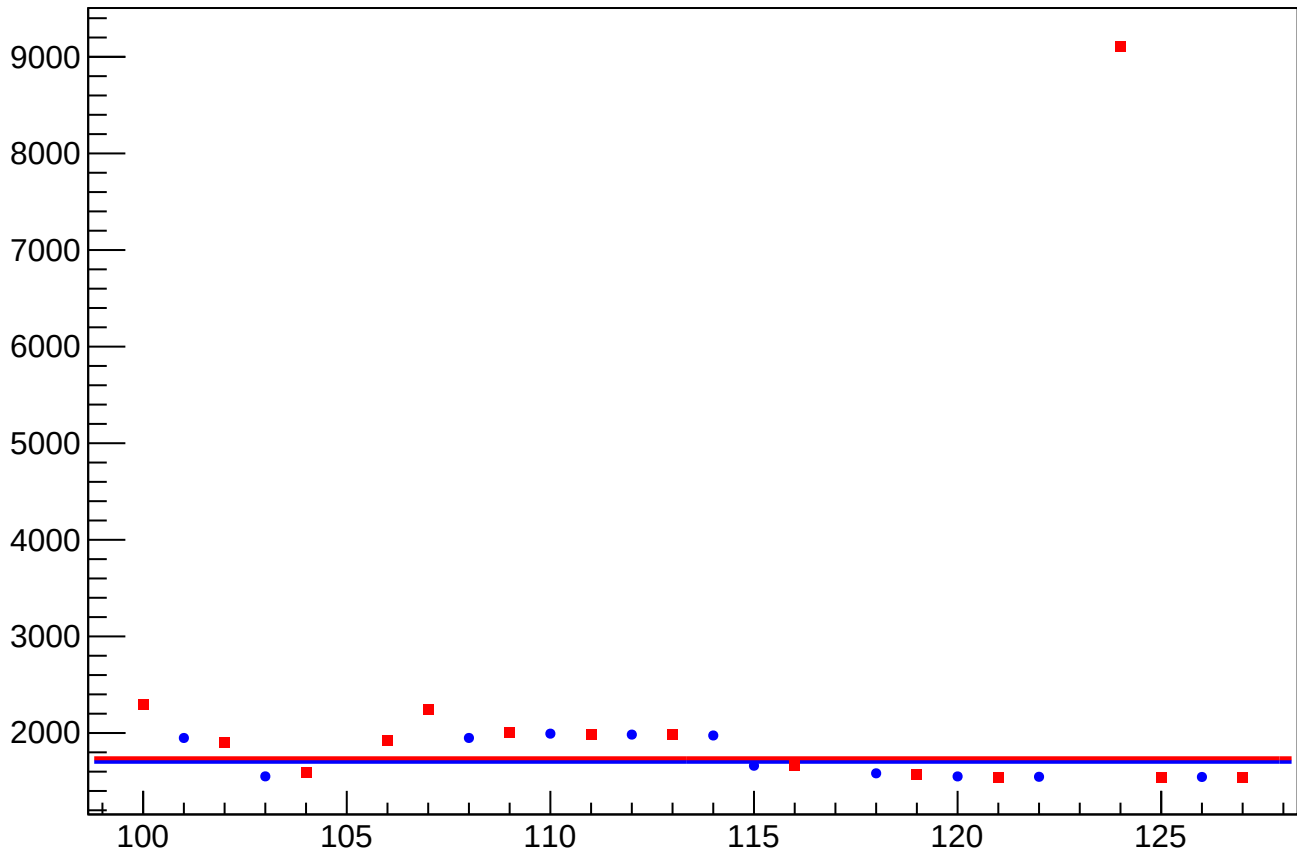
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -32.932 $\pm$ 555.802 χ^2 /NDF: 36.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl_avg_rms vs Slug



Right In: 1702.111+/-0.573 χ^2/NDF : 114802.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1738.522+/-0.537 χ^2/NDF : 360266.2/13

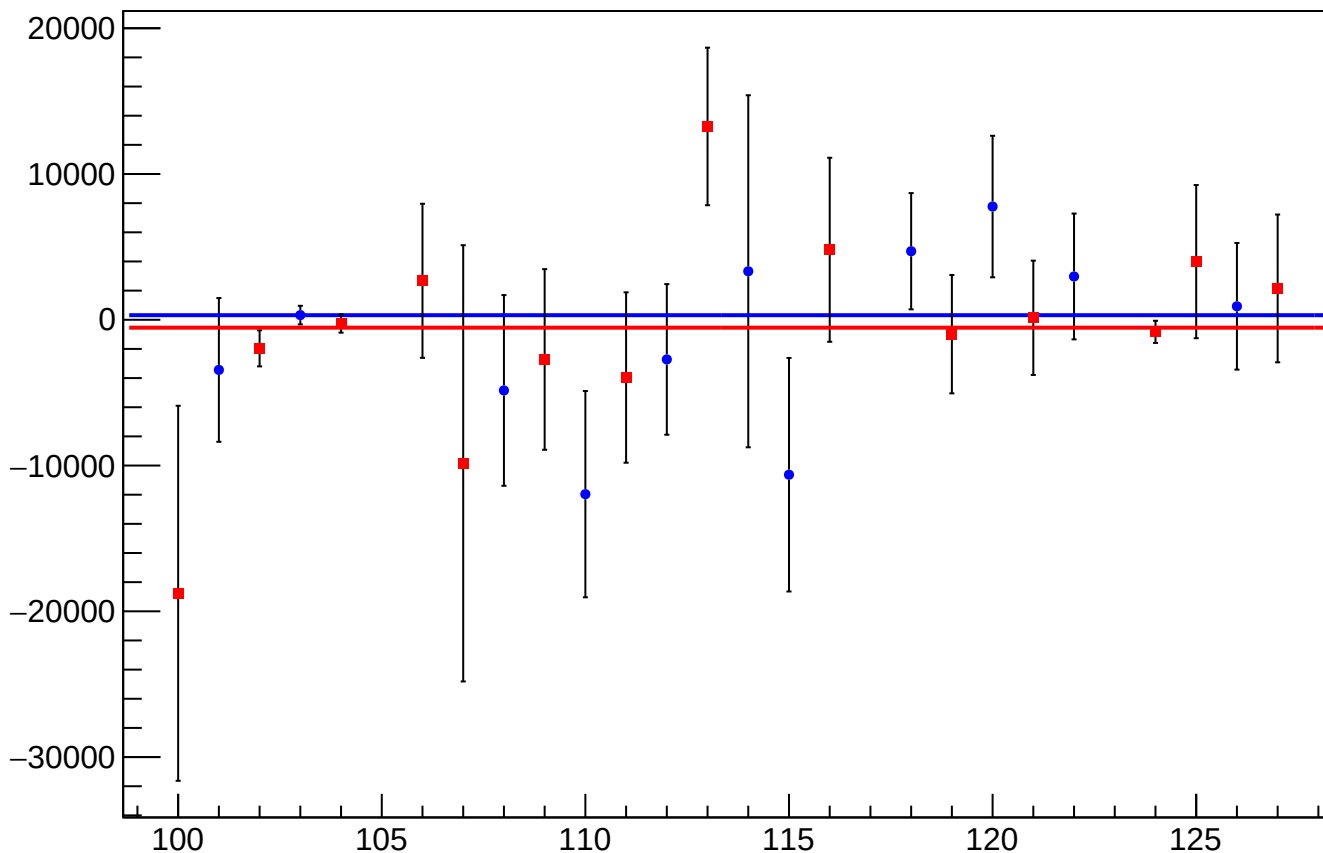
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1721.509+/-0.392 χ^2/NDF : 477219.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_cor_correction_mean vs Slug



Right In: 314.076+/-595.847 χ^2/NDF : 10.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -541.469+/-435.747 χ^2/NDF : 13.2/13

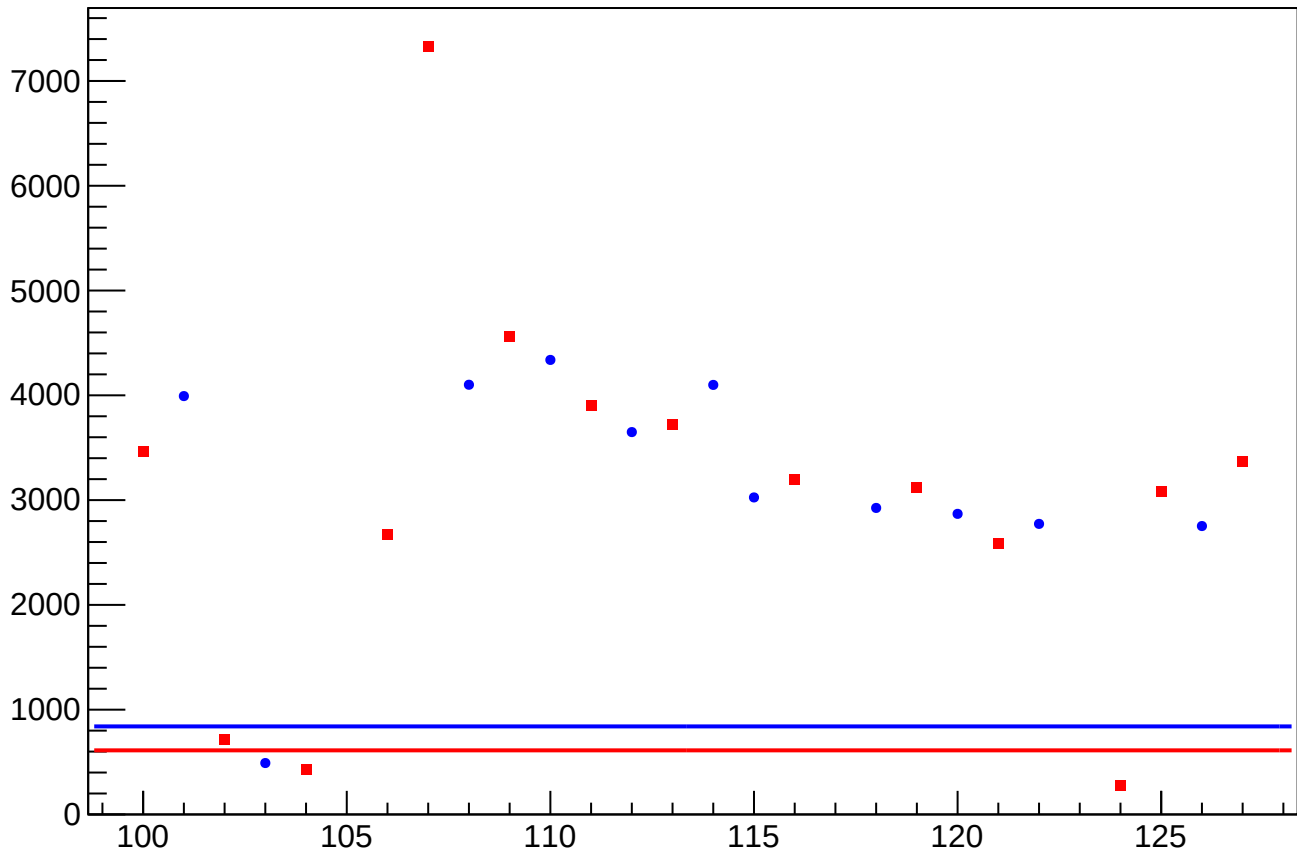
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -243.352+/-351.728 χ^2/NDF : 25.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_cor_correction_rms vs Slug



Right In: 840.266+/-0.421 χ^2/NDF : 4975149.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 611.764+/-0.308 χ^2/NDF : 6121993.1/13

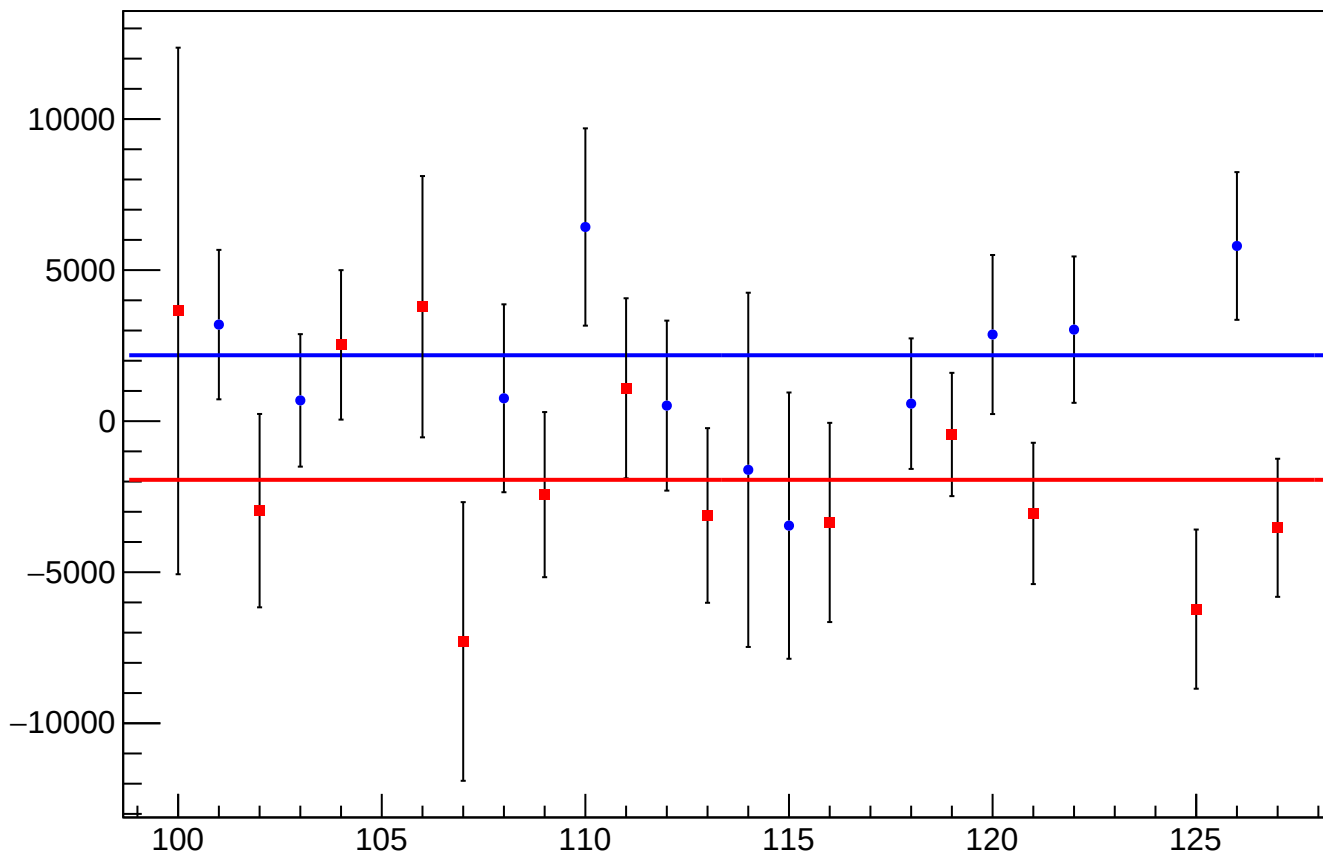
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 691.386+/-0.249 χ^2/NDF : 11288781.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_mean vs Slug



Right In: 2181.760 $\pm$ 824.303 χ^2 /NDF: 7.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1941.897 $\pm$ 792.690 χ^2 /NDF: 12.2/12

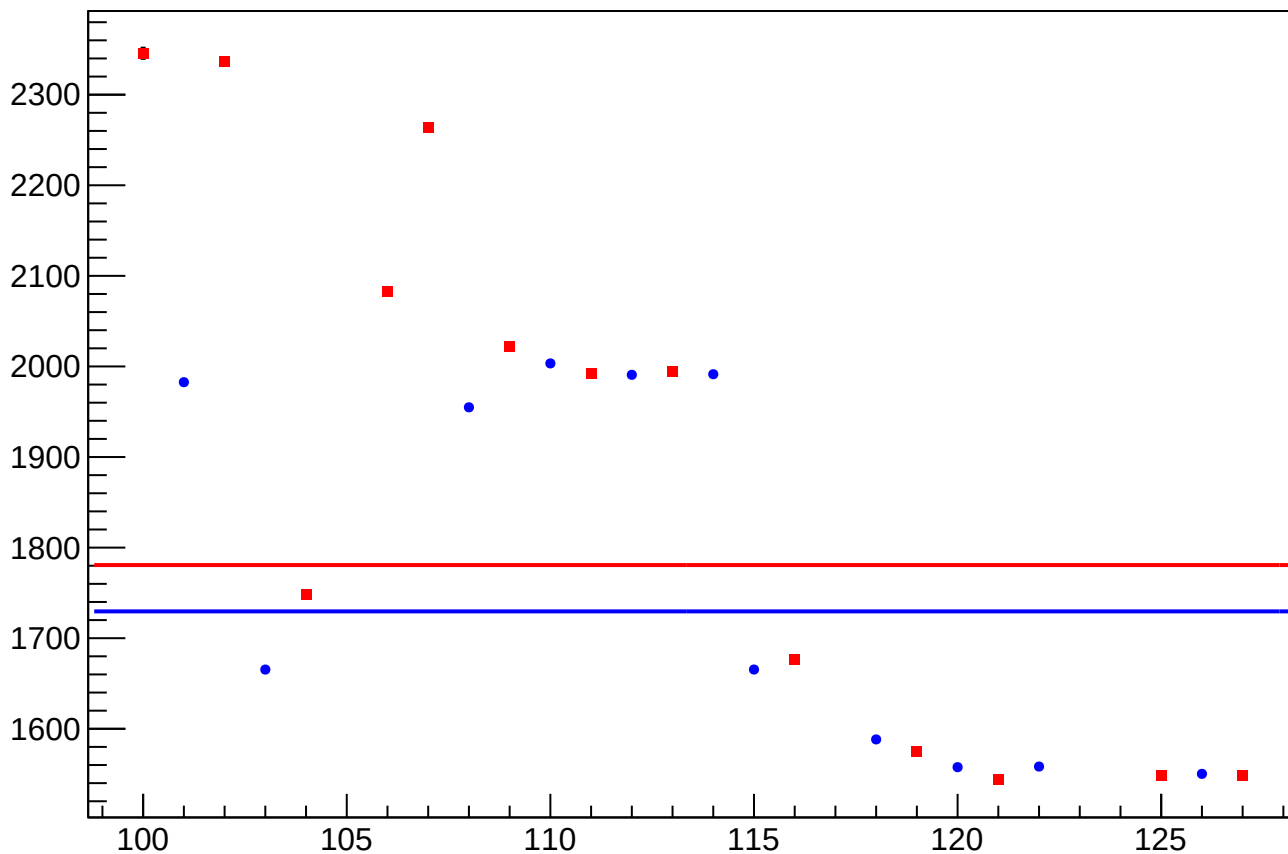
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.342 $\pm$ 571.365 χ^2 /NDF: 33.1/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl_avg_rms vs Slug



Right In: 1729.608+/-0.583 χ^2/NDF : 106697.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1780.747+/-0.559 χ^2/NDF : 218296.4/12

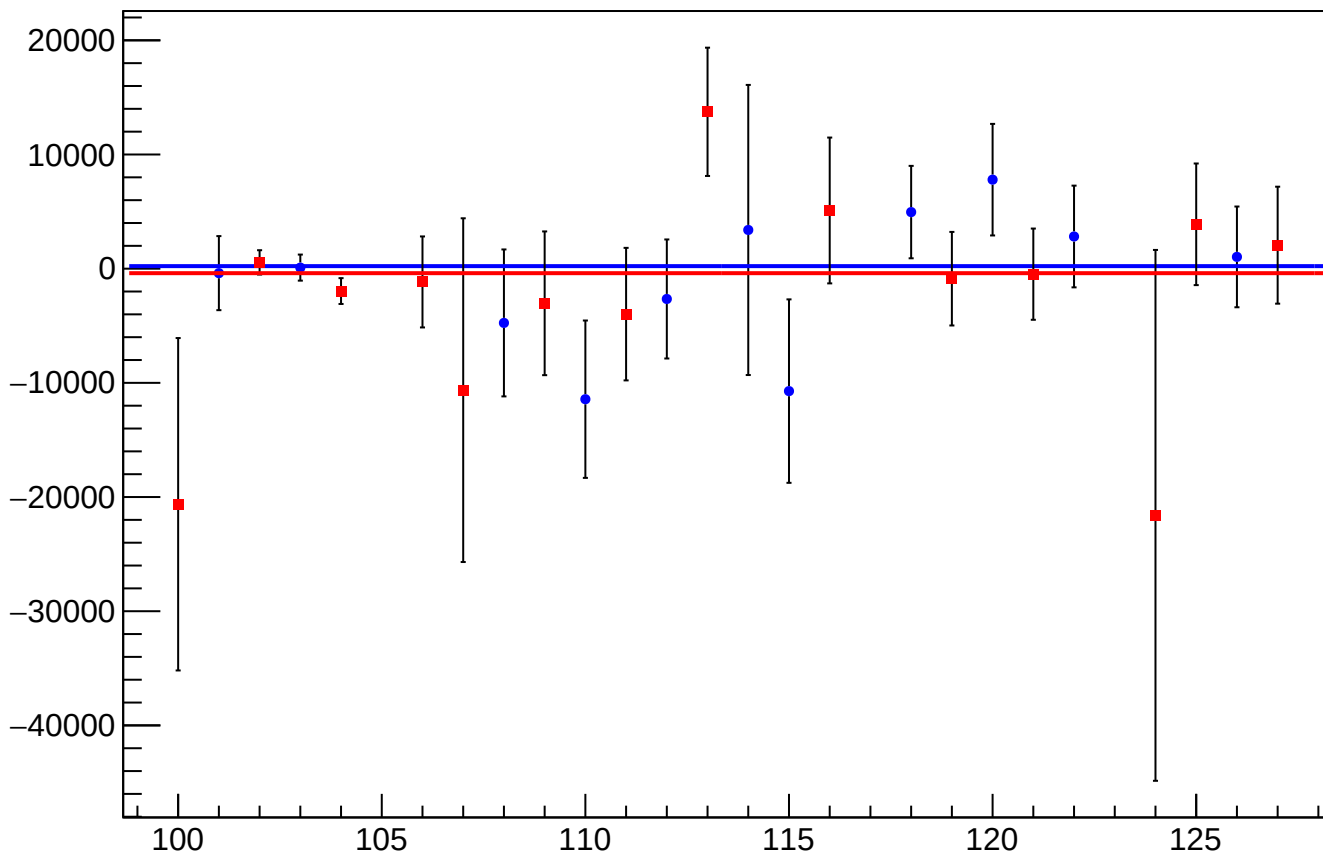
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1756.260+/-0.403 χ^2/NDF : 329005.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_dit_correction_mean vs Slug



Right In: 222.924+/-924.004 χ^2/NDF : 9.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -393.764+/-699.626 χ^2/NDF : 14.5/13

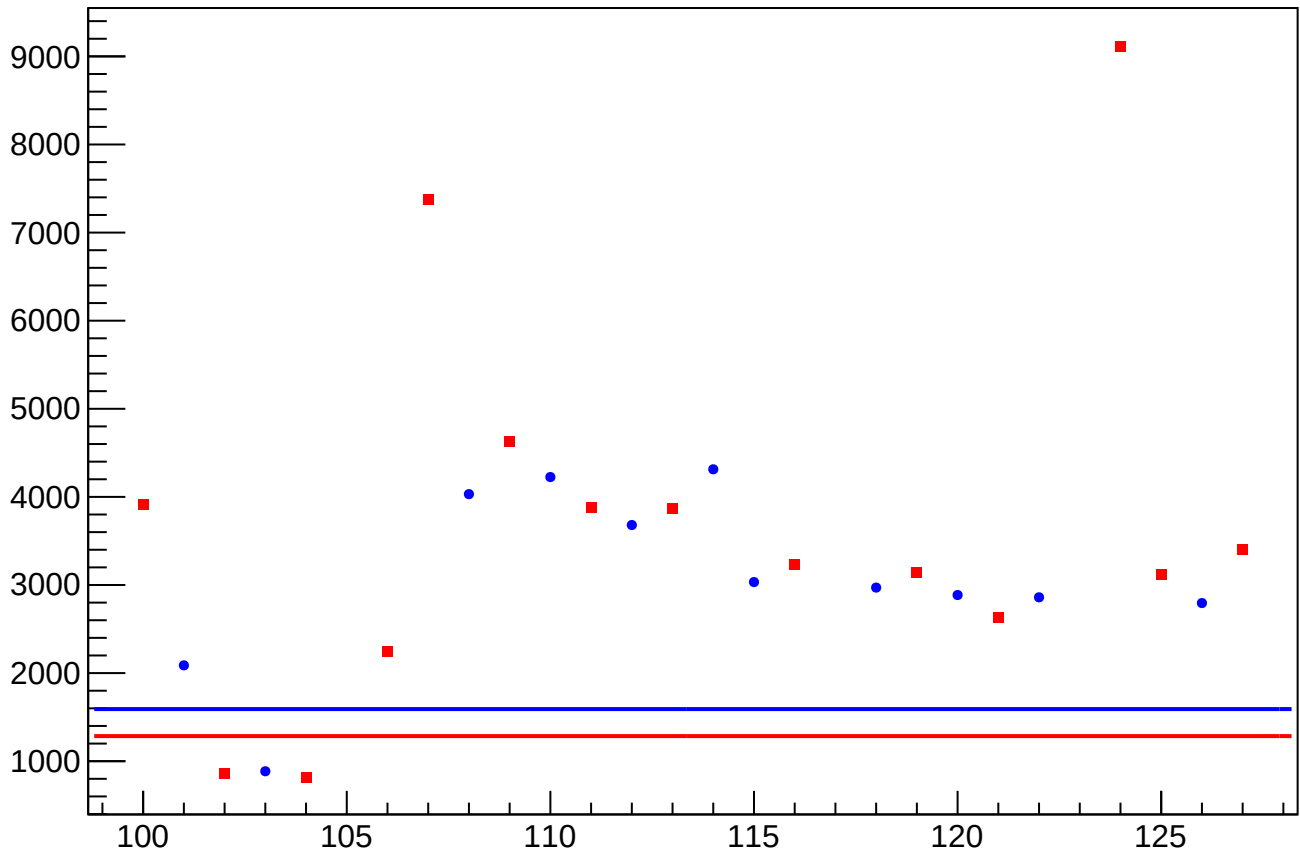
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -169.046+/-557.776 χ^2/NDF : 24.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_dit_correction_rms vs Slug



Right In: 1591.461+/-0.653 χ^2/NDF : 2552656.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1284.858+/-0.495 χ^2/NDF : 4200724.2/13

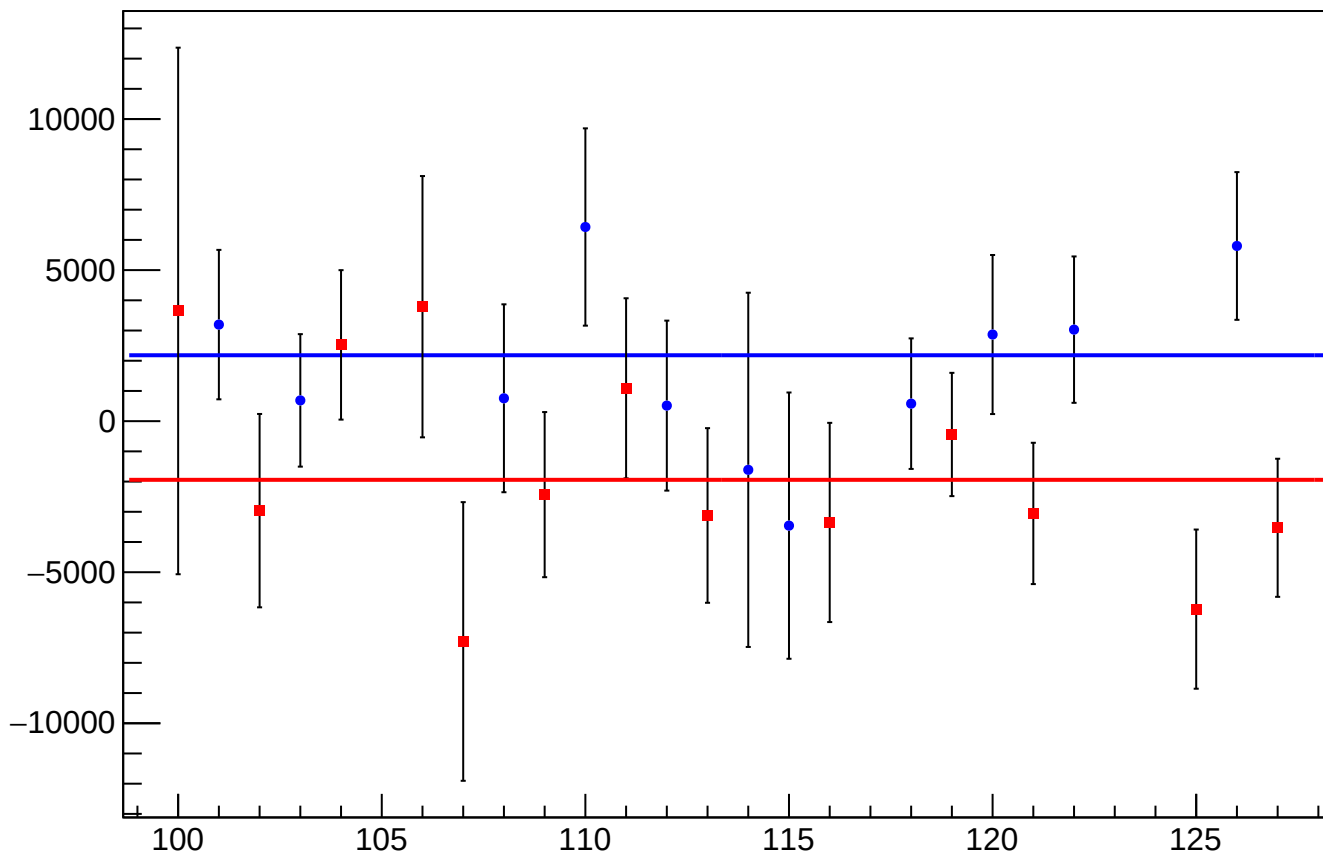
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1396.582+/-0.394 χ^2/NDF : 6893346.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_avg_mean vs Slug



Right In: 2181.754+/-824.303 χ^2/NDF : 7.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1941.898+/-792.689 χ^2/NDF : 12.2/12

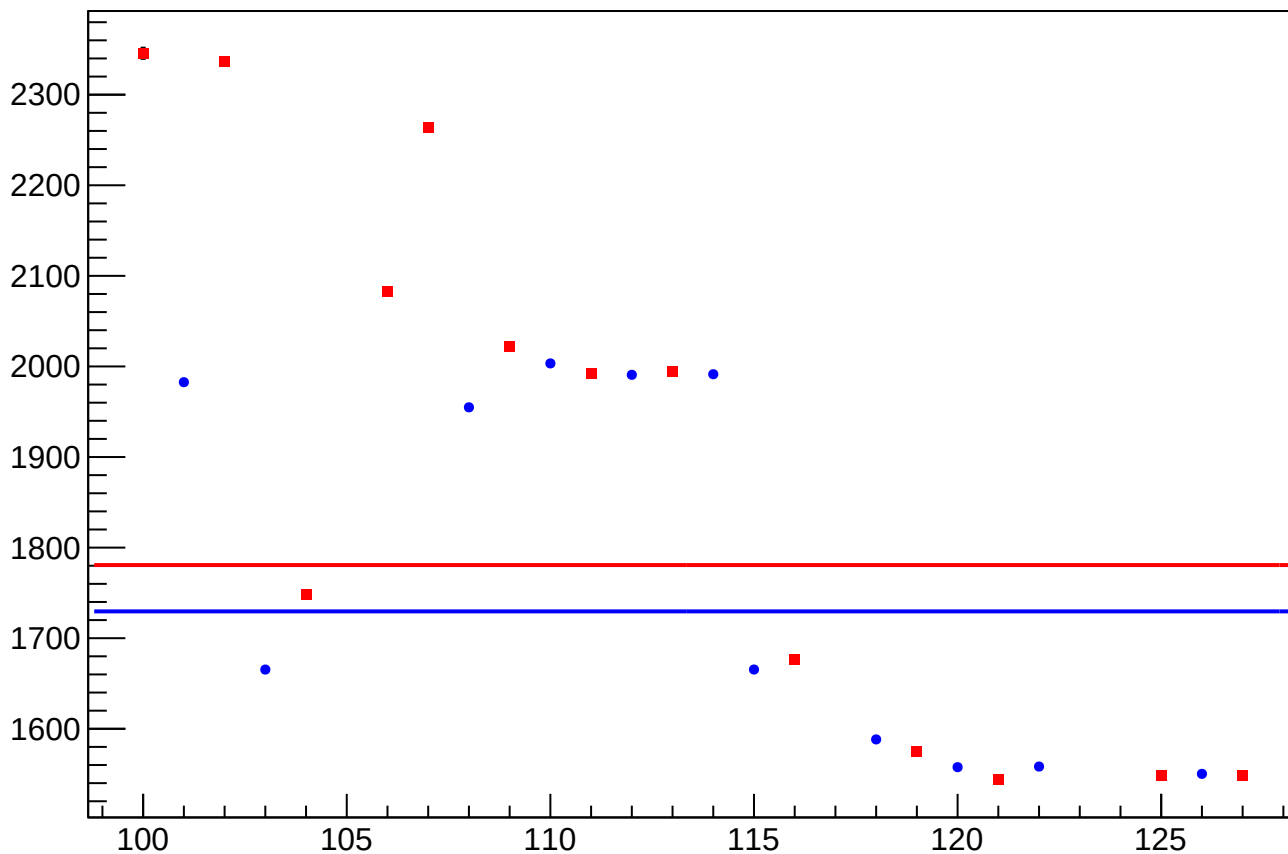
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.339+/-571.365 χ^2/NDF : 33.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_avg_rms vs Slug



Right In: 1729.608 $\pm$ 0.583 χ^2 /NDF: 106697.4/10

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

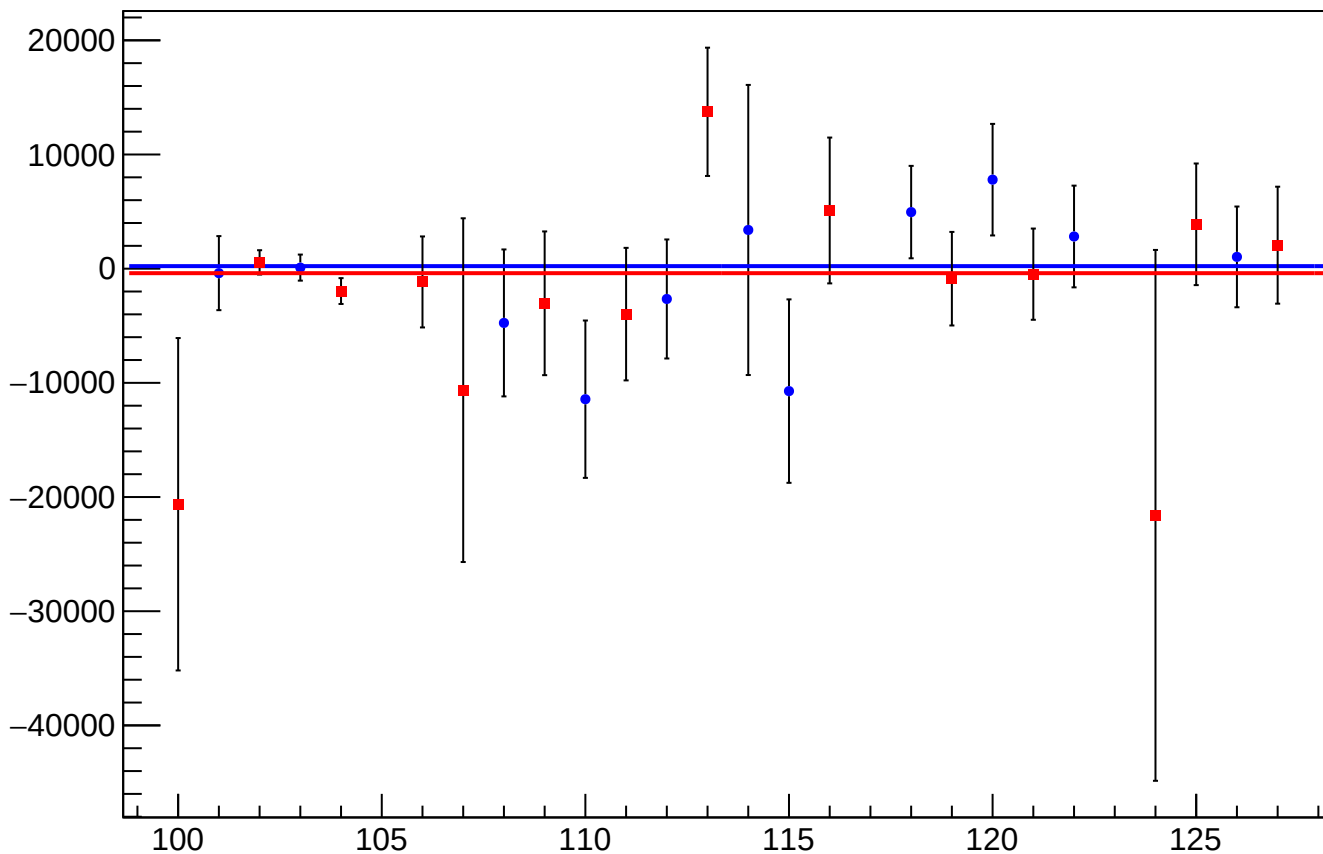
Right Out: 1780.746 $\pm$ 0.559 χ^2 /NDF: 218296.0/12

All: 1756.260 $\pm$ 0.403 χ^2 /NDF: 329005.2/23

- 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_correction_mean vs Slug



Right In: 222.924+/-923.998 χ^2/NDF : 9.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -393.764+/-699.621 χ^2/NDF : 14.5/13

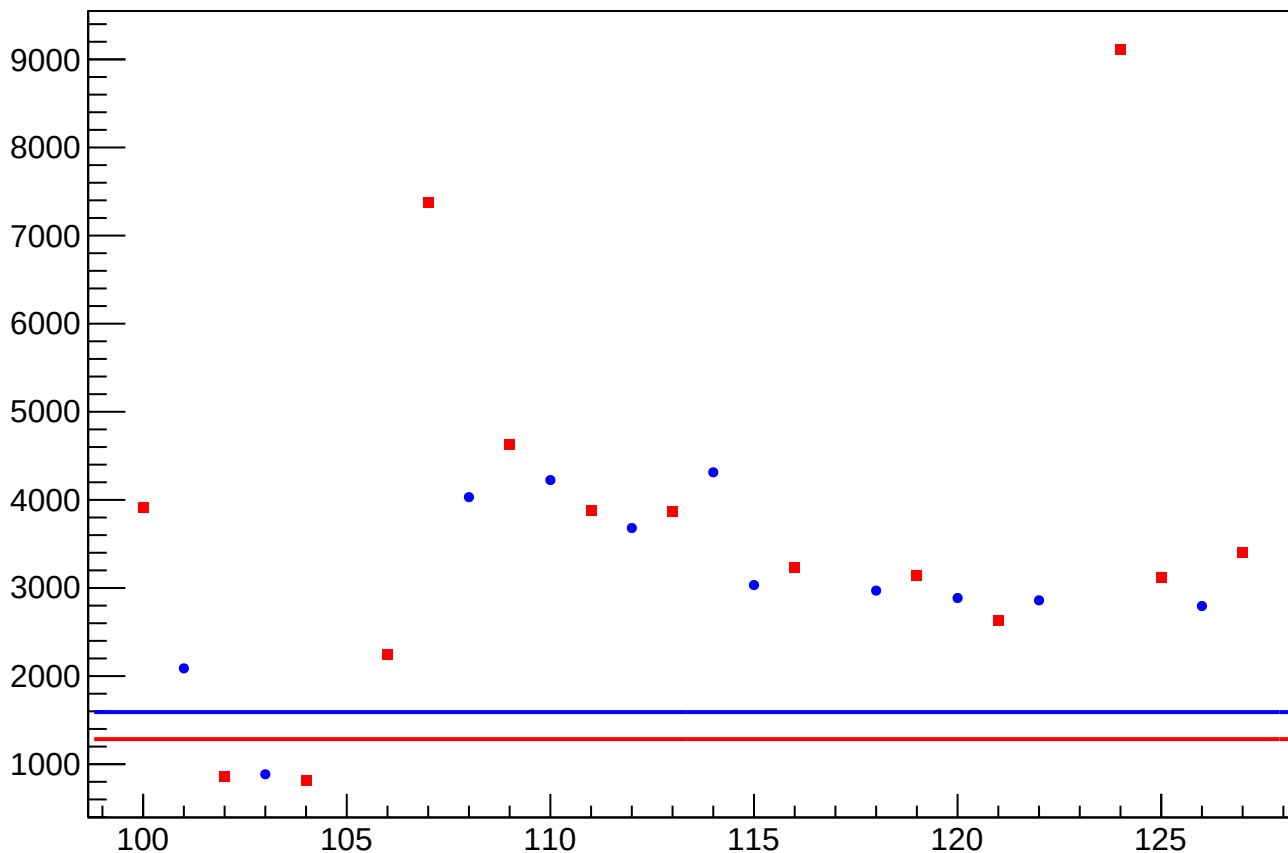
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -169.046+/-557.772 χ^2/NDF : 24.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_dit_correction_rms vs Slug



Right In: 1591.446+/-0.653 χ^2/NDF : 2552672.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

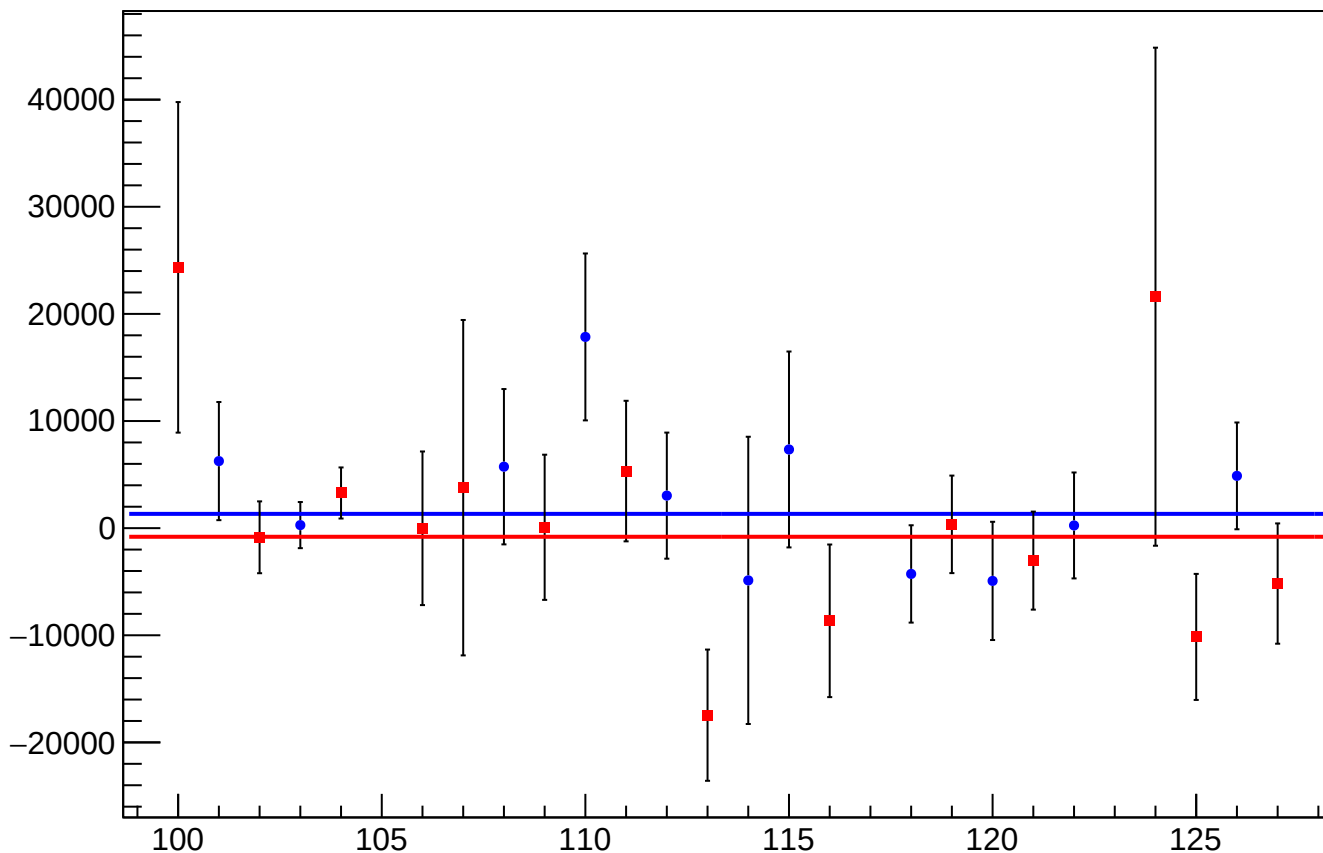
Right Out: 1284.846+/-0.495 χ^2/NDF : 4200745.2/13

All: 1396.569+/-0.394 χ^2/NDF : 6893383.4/24

- 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_mean vs Slug



Right In: 1332.732+/-1424.315 χ^2/NDF : 10.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -804.869+/-1357.765 χ^2/NDF : 19.6/13

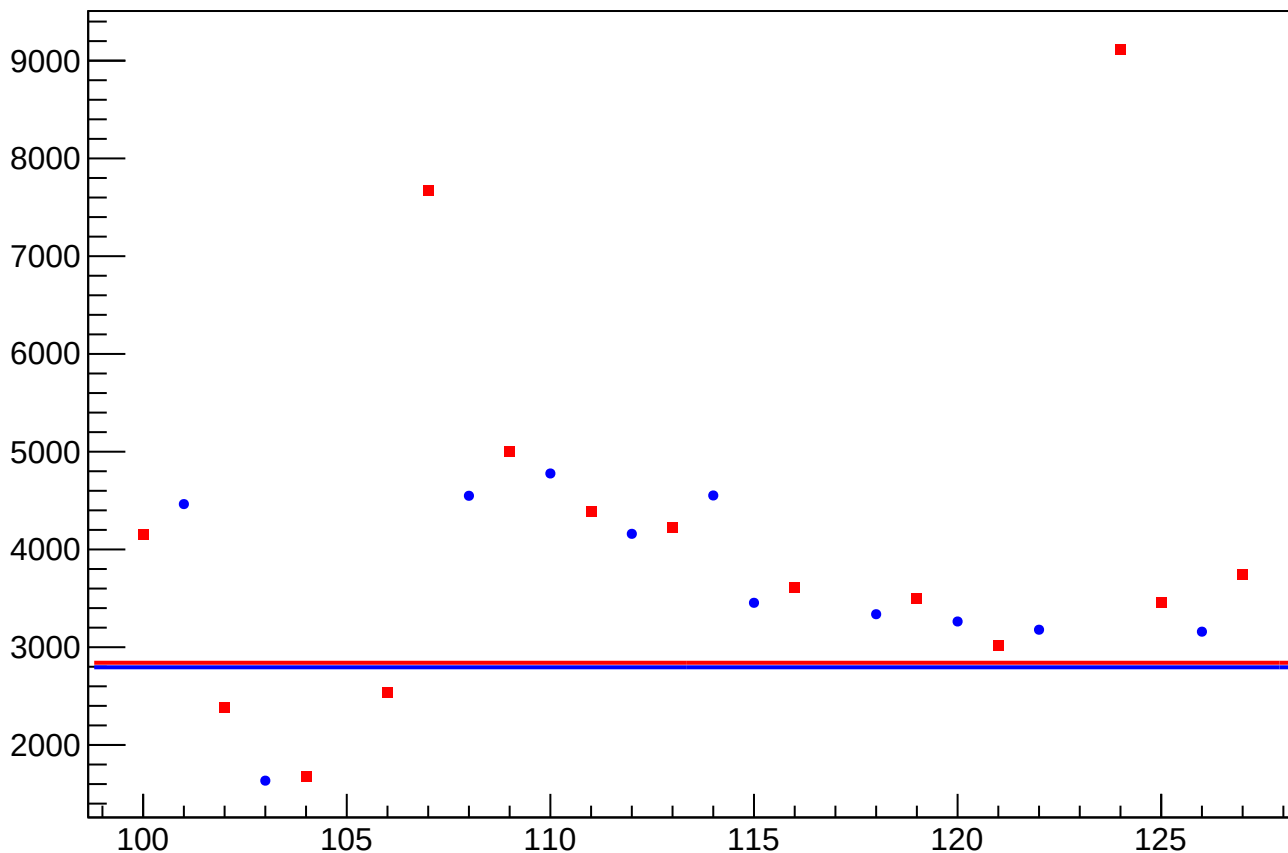
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 212.828+/-982.770 χ^2/NDF : 30.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_rms vs Slug



Right In: 2794.524+/-1.007 χ^2/NDF : 1228248.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2841.005+/-0.942 χ^2/NDF : 1432047.2/13

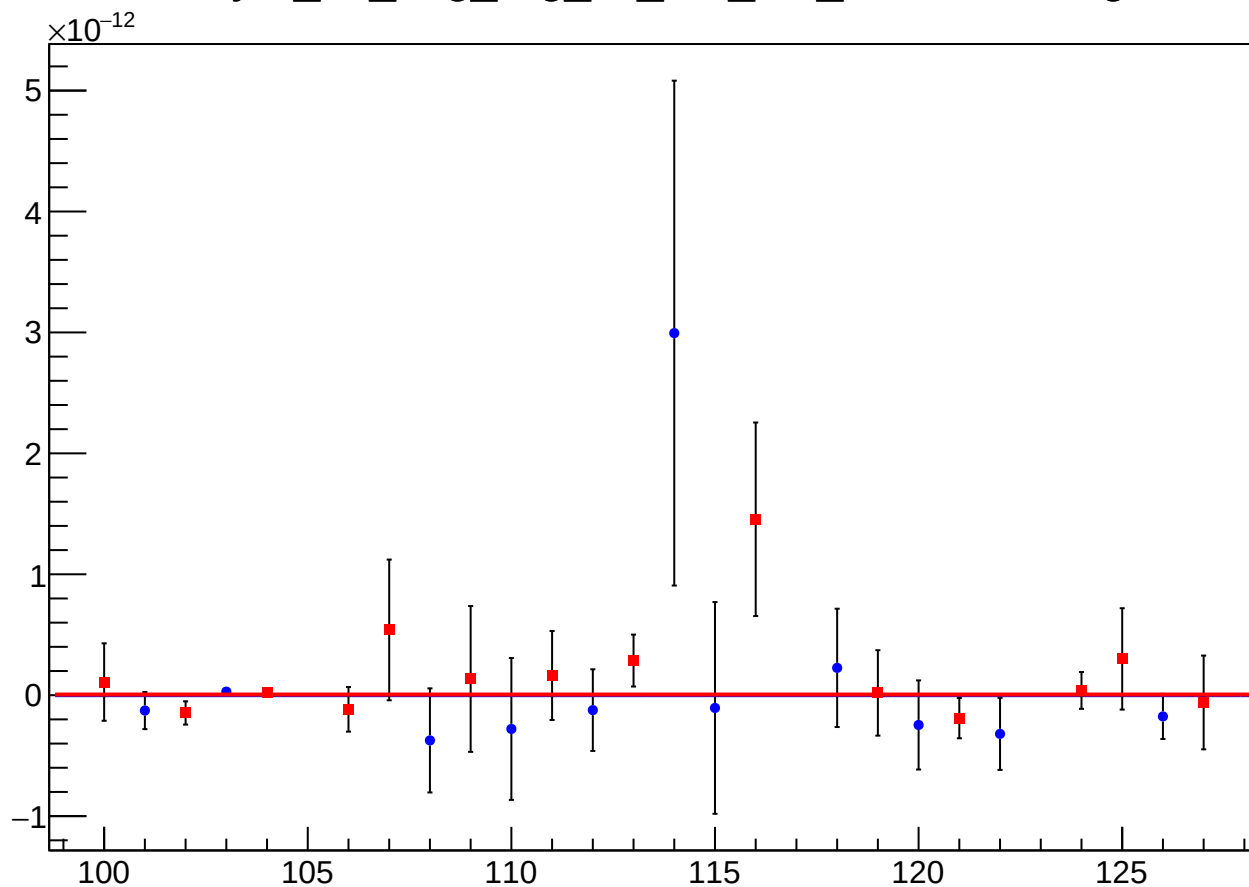
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2819.310+/-0.688 χ^2/NDF : 2661431.8/24

- 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 $\pm$ 0.000 χ^2 /NDF: 7.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.3/13

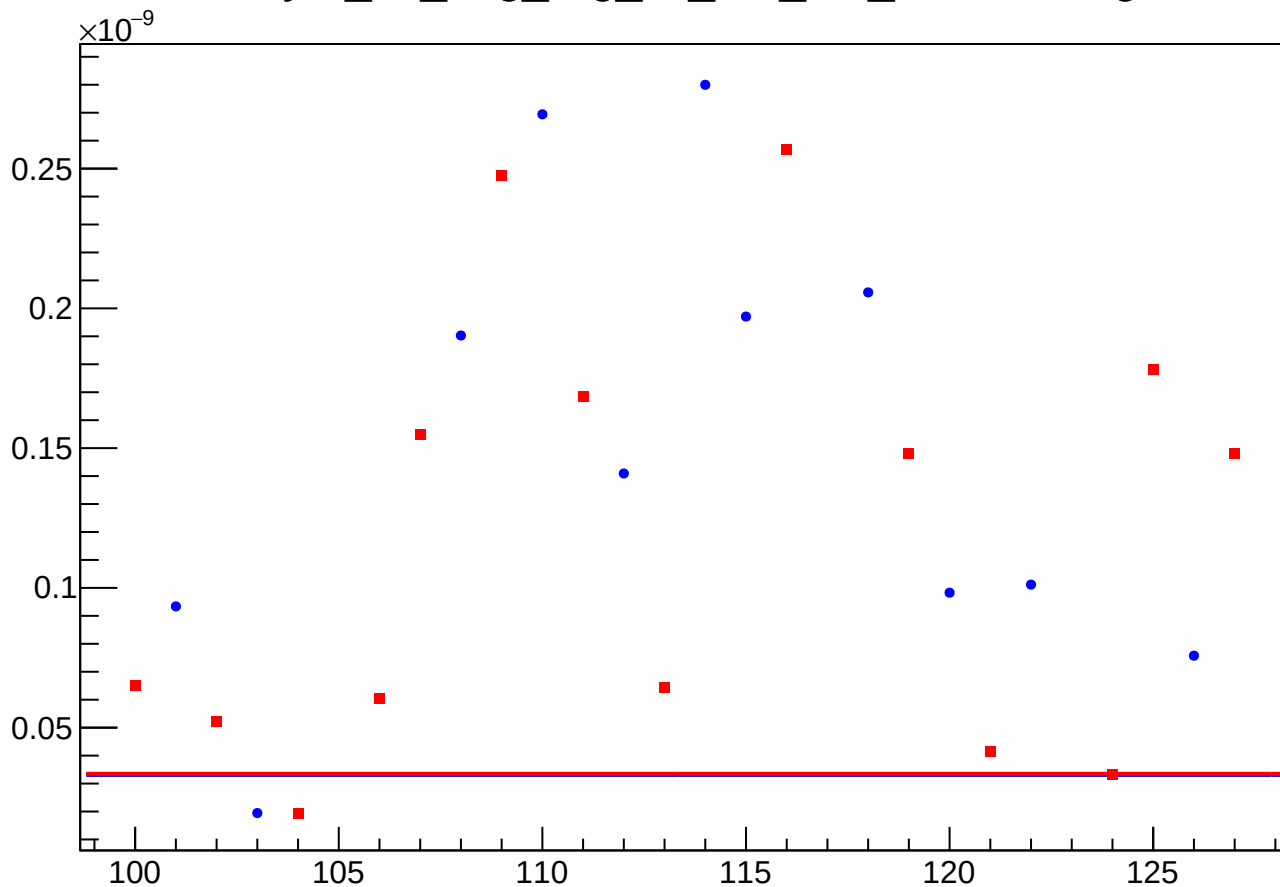
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.4/24

- sign 0.000 $\pm$ 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 : 1953414.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1824810.7/13

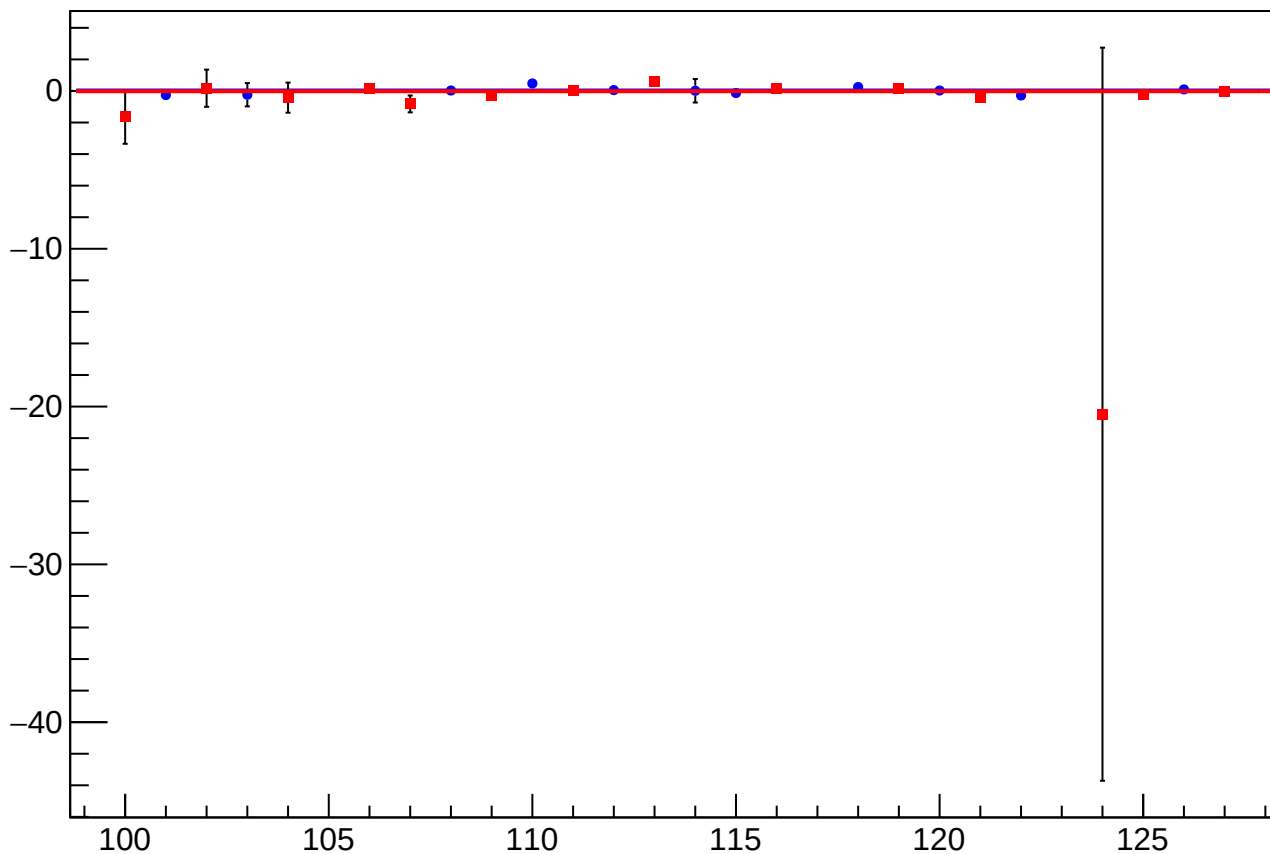
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3778358.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.028+/-0.070 χ^2/NDF : 9.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.018+/-0.064 χ^2/NDF : 18.1/13

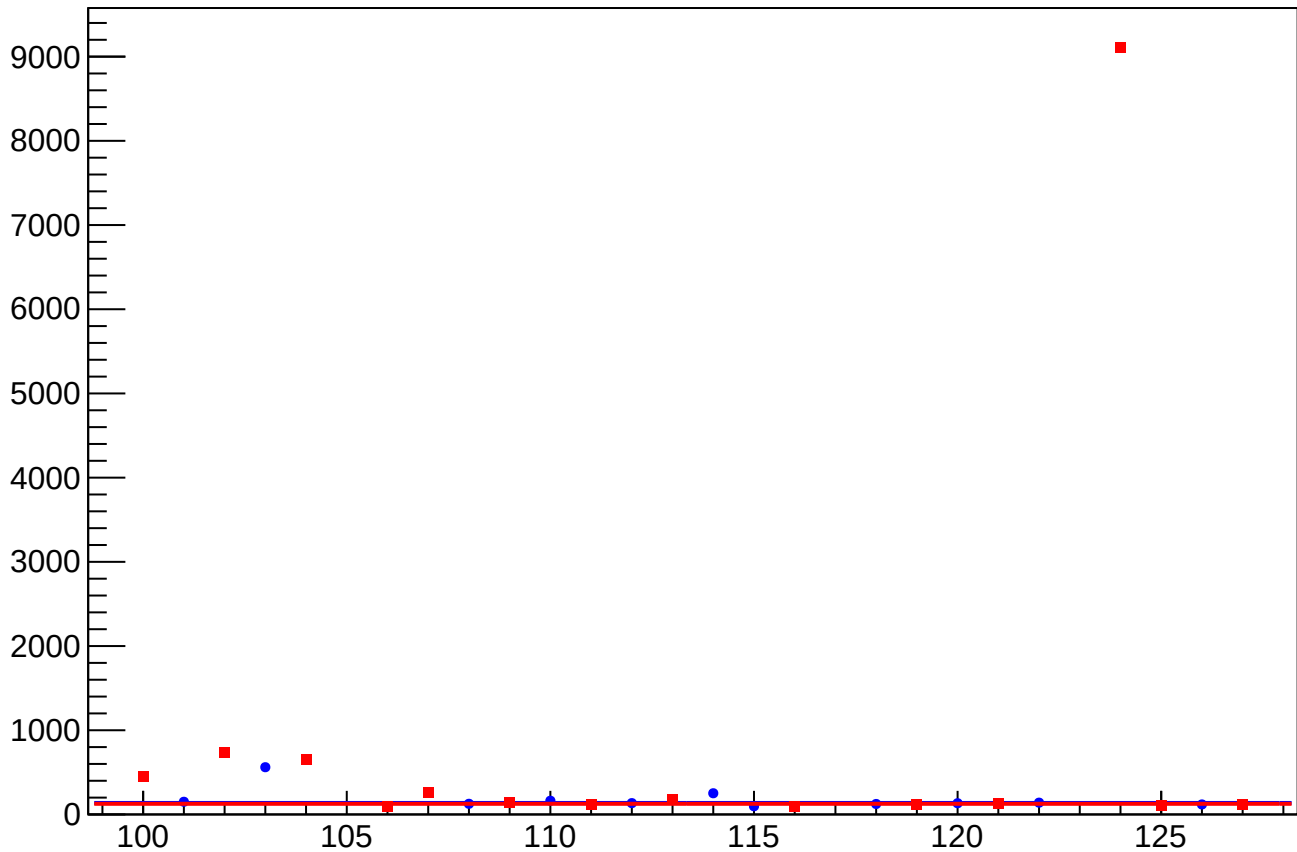
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.047 χ^2/NDF : 27.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_dit_vs_cor_diff_rms vs Slug



Right In: 136.451+/-0.049 χ^2/NDF : 812901.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

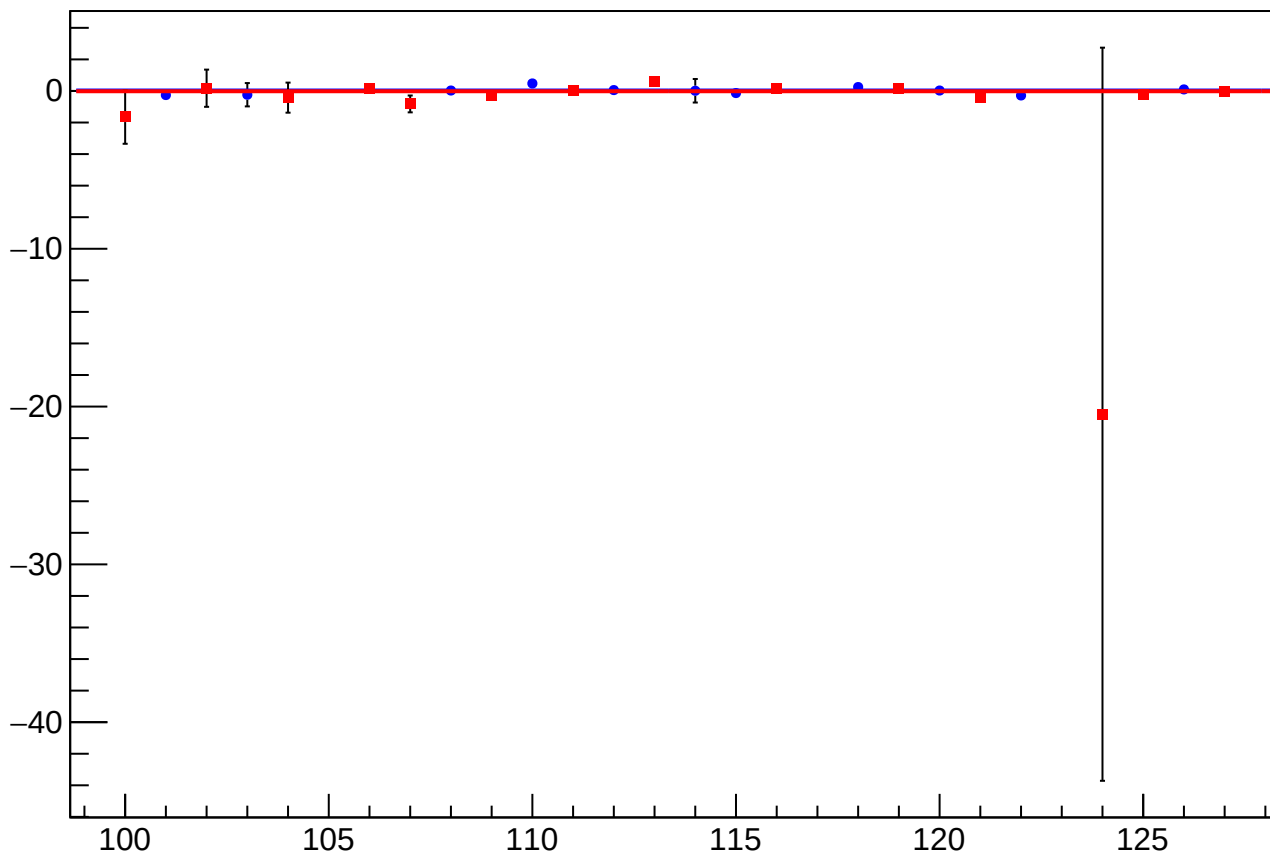
Right Out: 126.527+/-0.045 χ^2/NDF : 1833280.1/13

All: 131.065+/-0.033 χ^2/NDF : 2668137.8/24

- 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_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.028+/-0.070 χ^2/NDF : 9.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.018+/-0.064 χ^2/NDF : 18.1/13

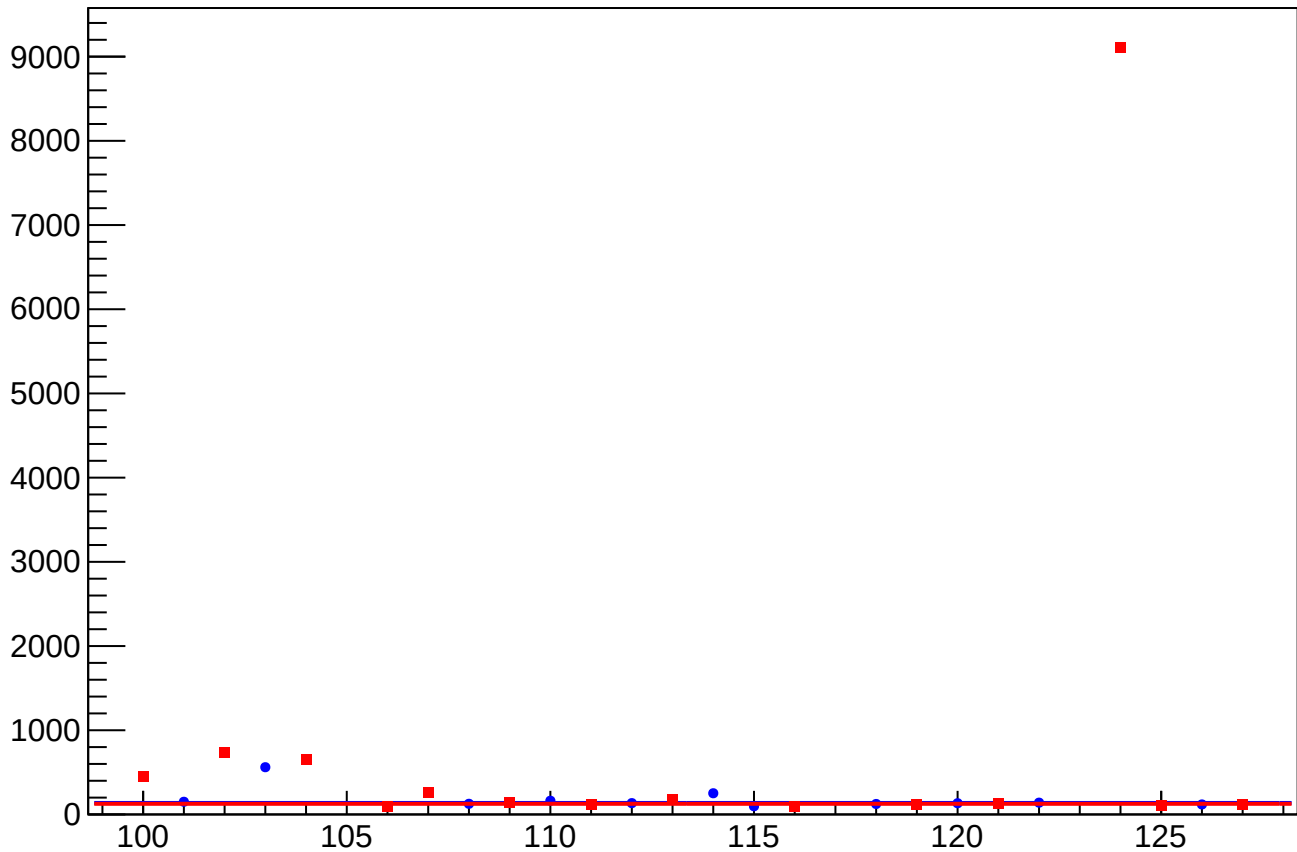
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.047 χ^2/NDF : 27.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 136.451+/-0.049 χ^2/NDF : 812901.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.527+/-0.045 χ^2/NDF : 1833280.1/13

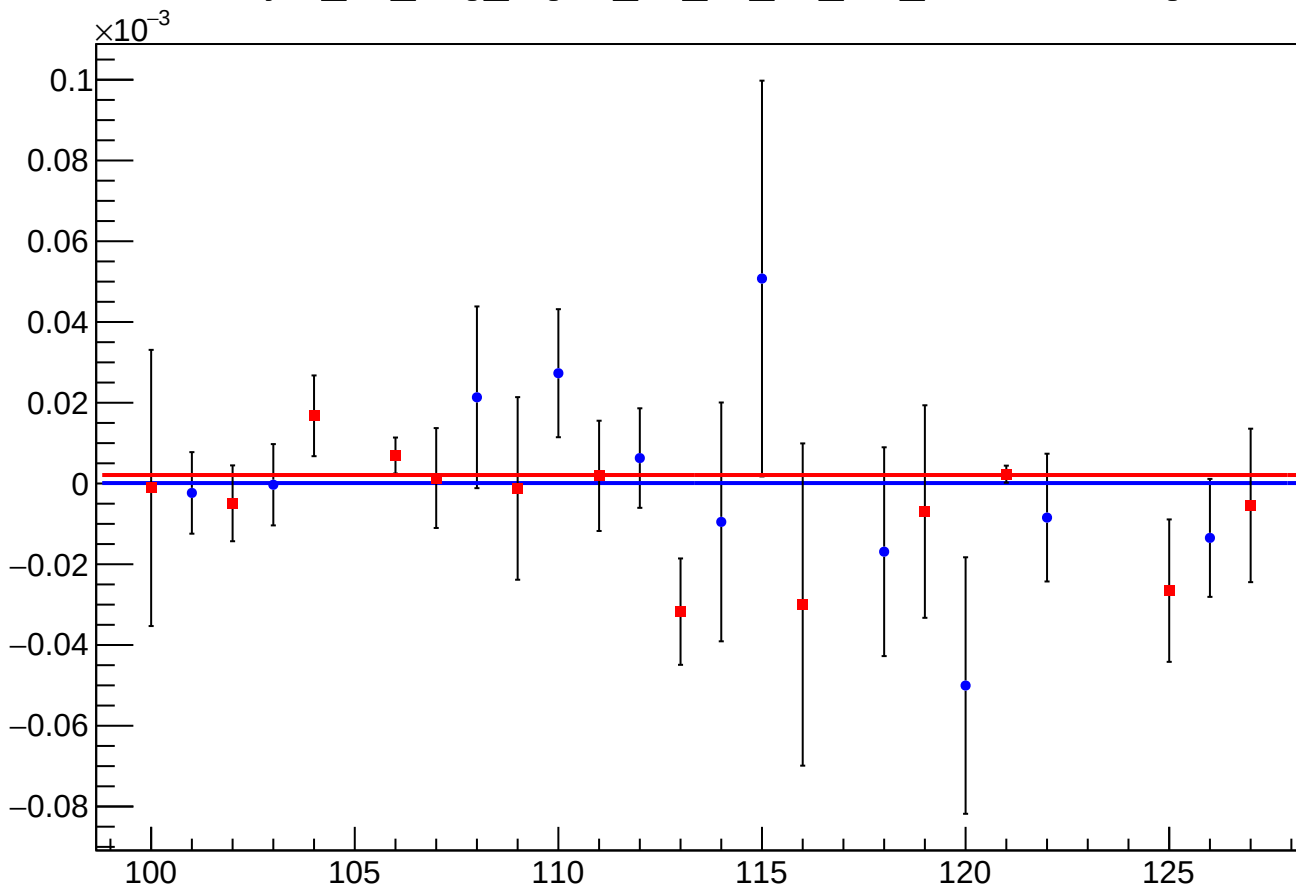
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.065+/-0.033 χ^2/NDF : 2668137.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.1/12

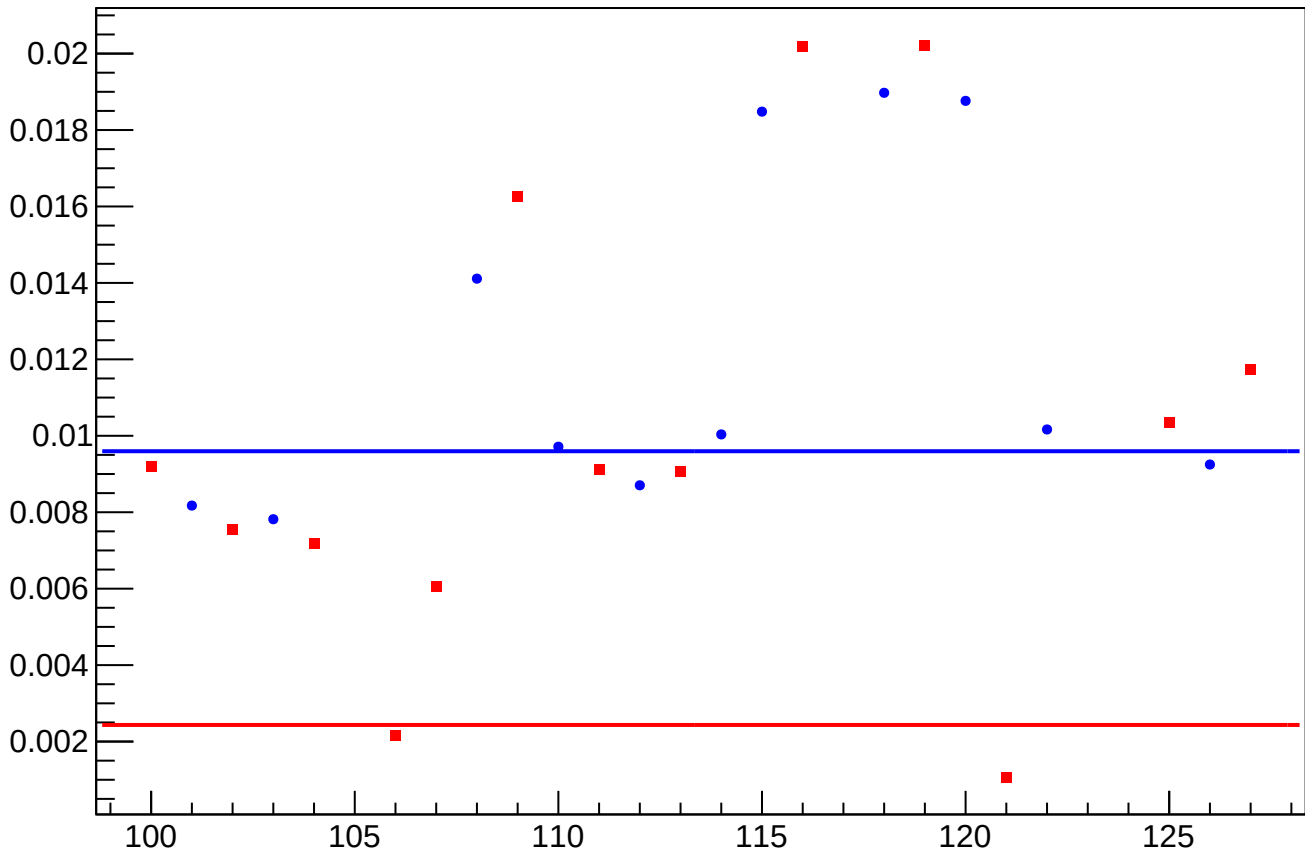
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.6/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.010 $\pm$ 0.000 χ^2 /NDF: 692691.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 6085273.5/12

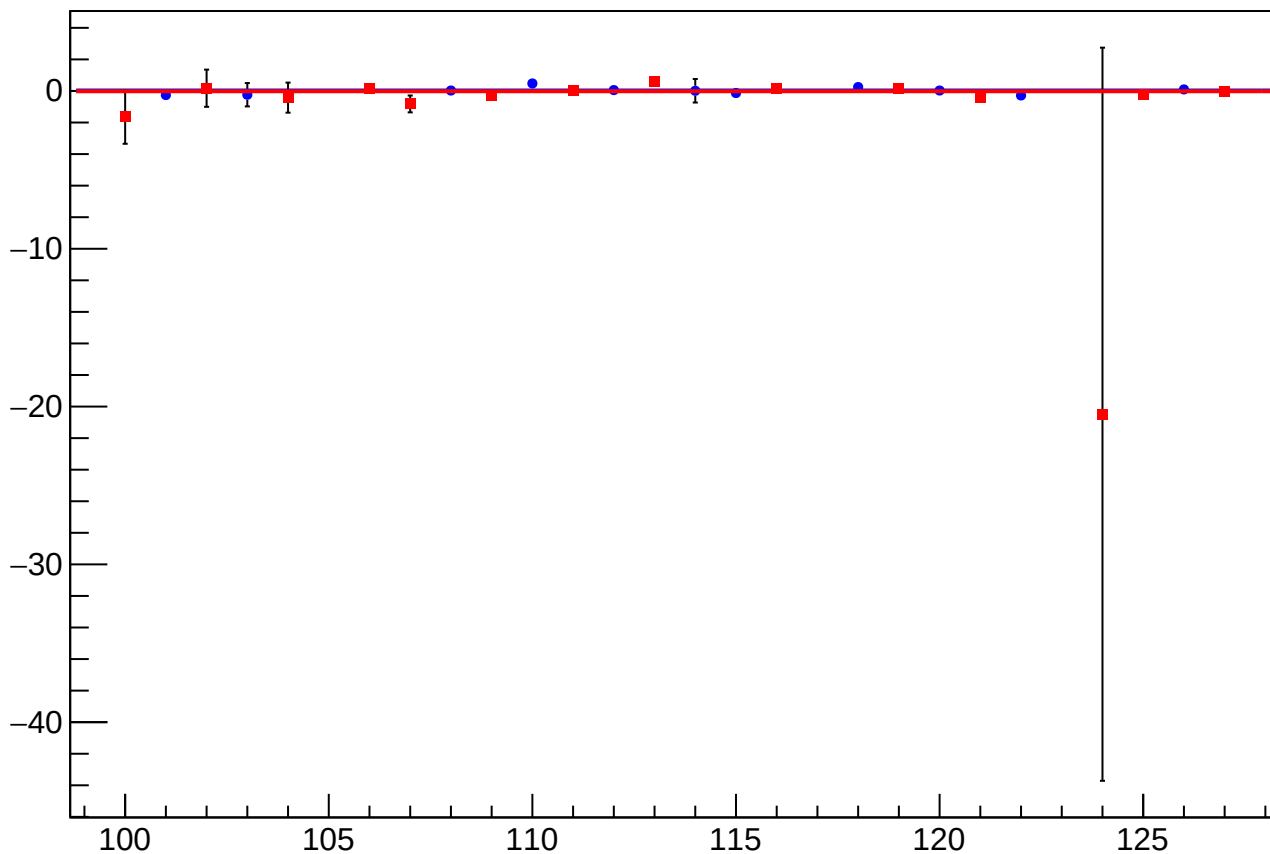
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.000 χ^2 /NDF: 10826872.8/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.028 $\pm$ 0.070 χ^2 /NDF: 9.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.018 $\pm$ 0.064 χ^2 /NDF: 18.1/13

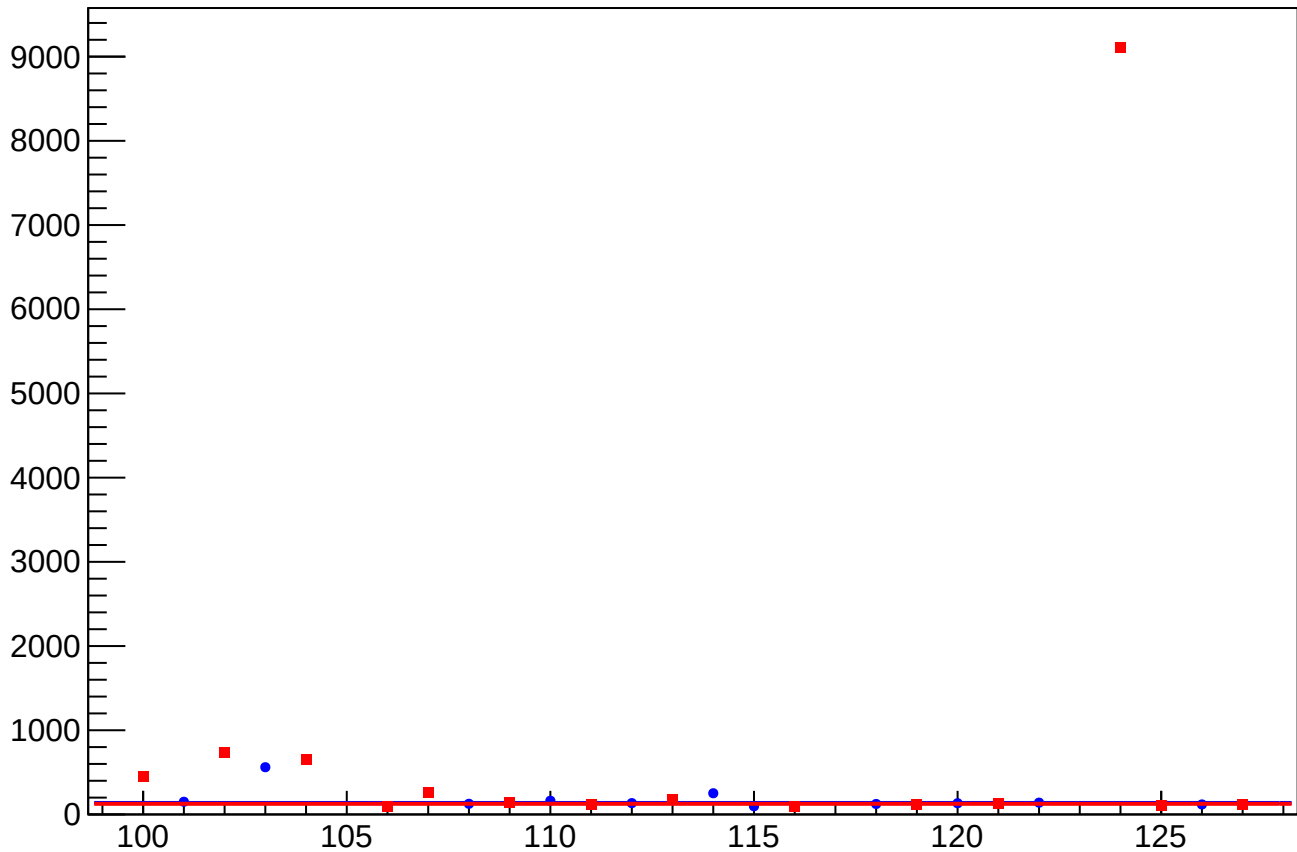
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.047 χ^2 /NDF: 27.3/24

- 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: 136.449+/-0.049 χ^2/NDF : 812906.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.527+/-0.045 χ^2/NDF : 1833252.0/13

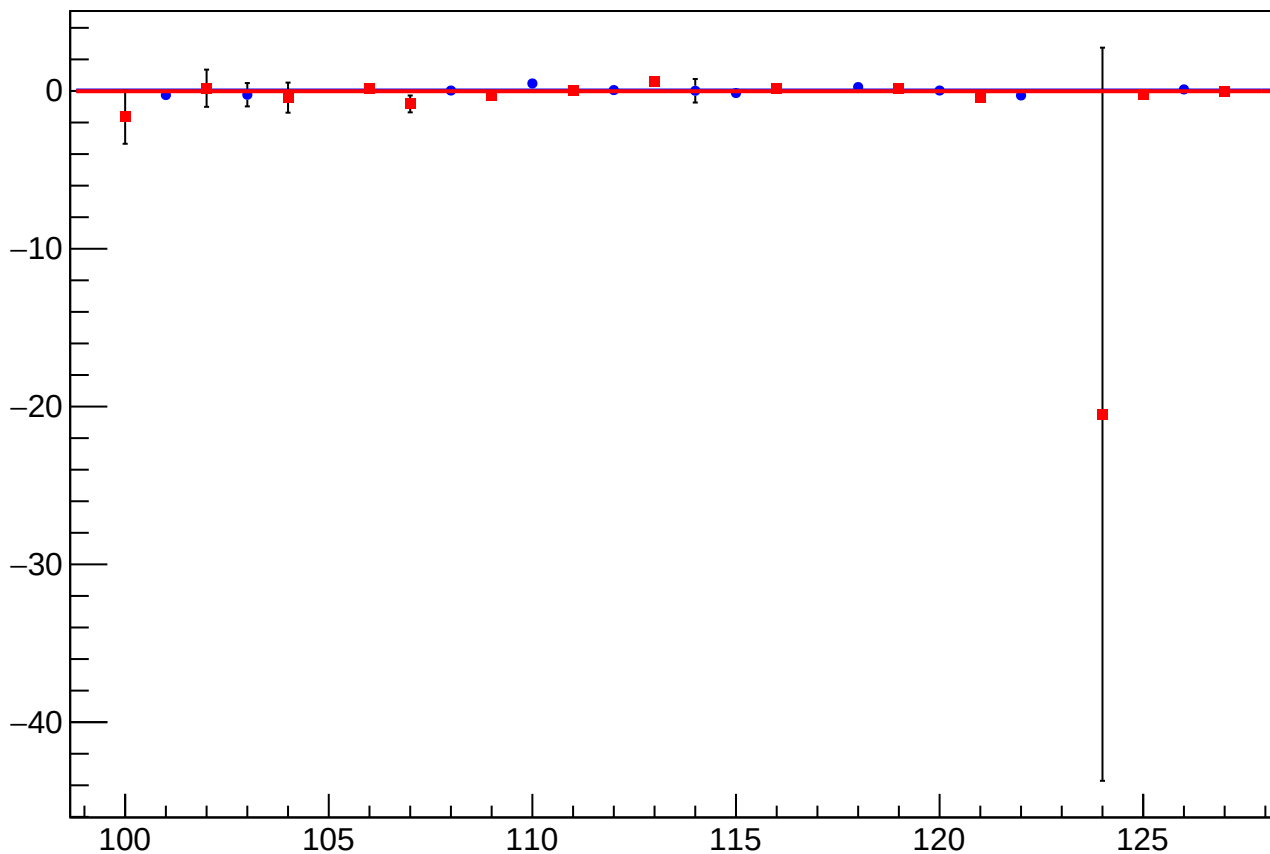
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.064+/-0.033 χ^2/NDF : 2668109.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.028 $\pm$ 0.070 χ^2 /NDF: 9.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.018 $\pm$ 0.064 χ^2 /NDF: 18.1/13

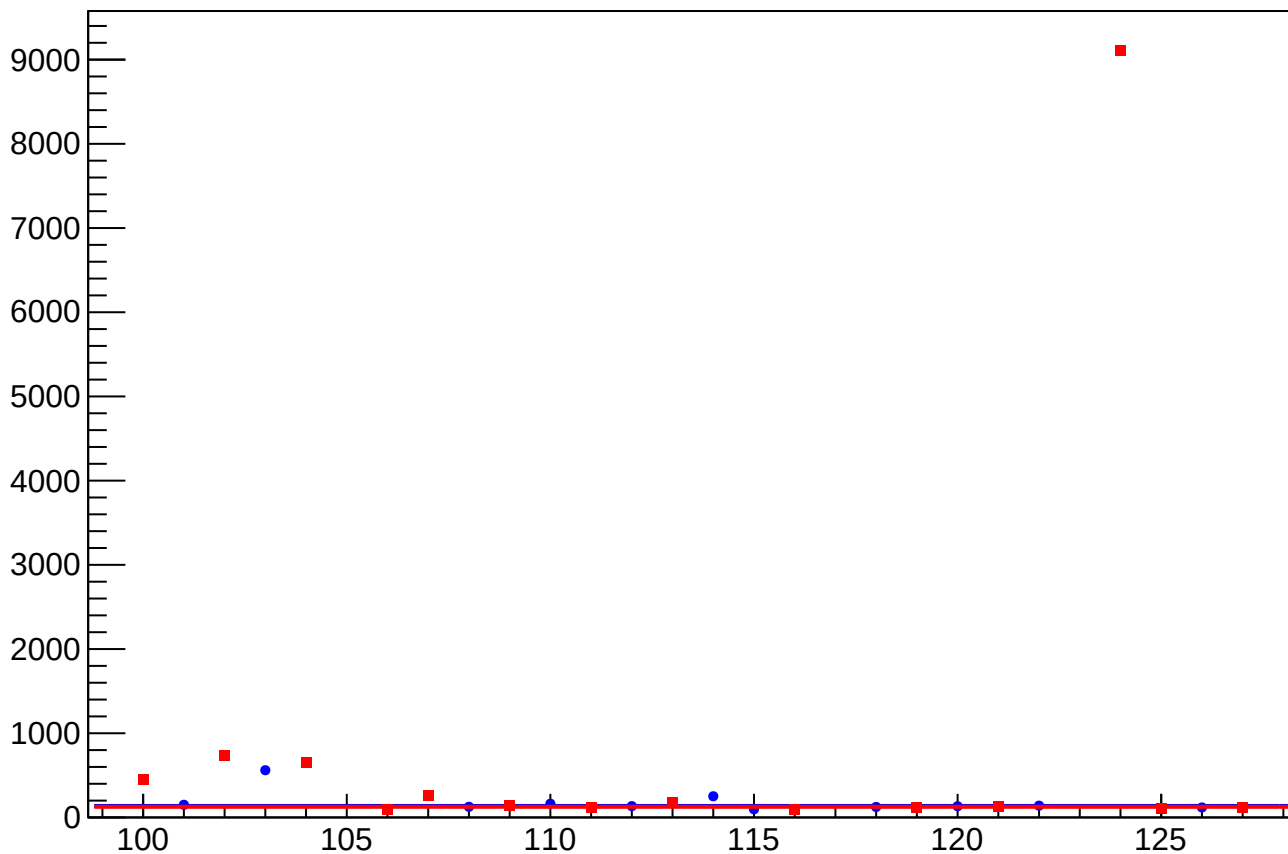
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.047 χ^2 /NDF: 27.3/24

- 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: 136.449 $\pm$ 0.049 χ^2 /NDF: 812906.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 126.527 $\pm$ 0.045 χ^2 /NDF: 1833252.0/13

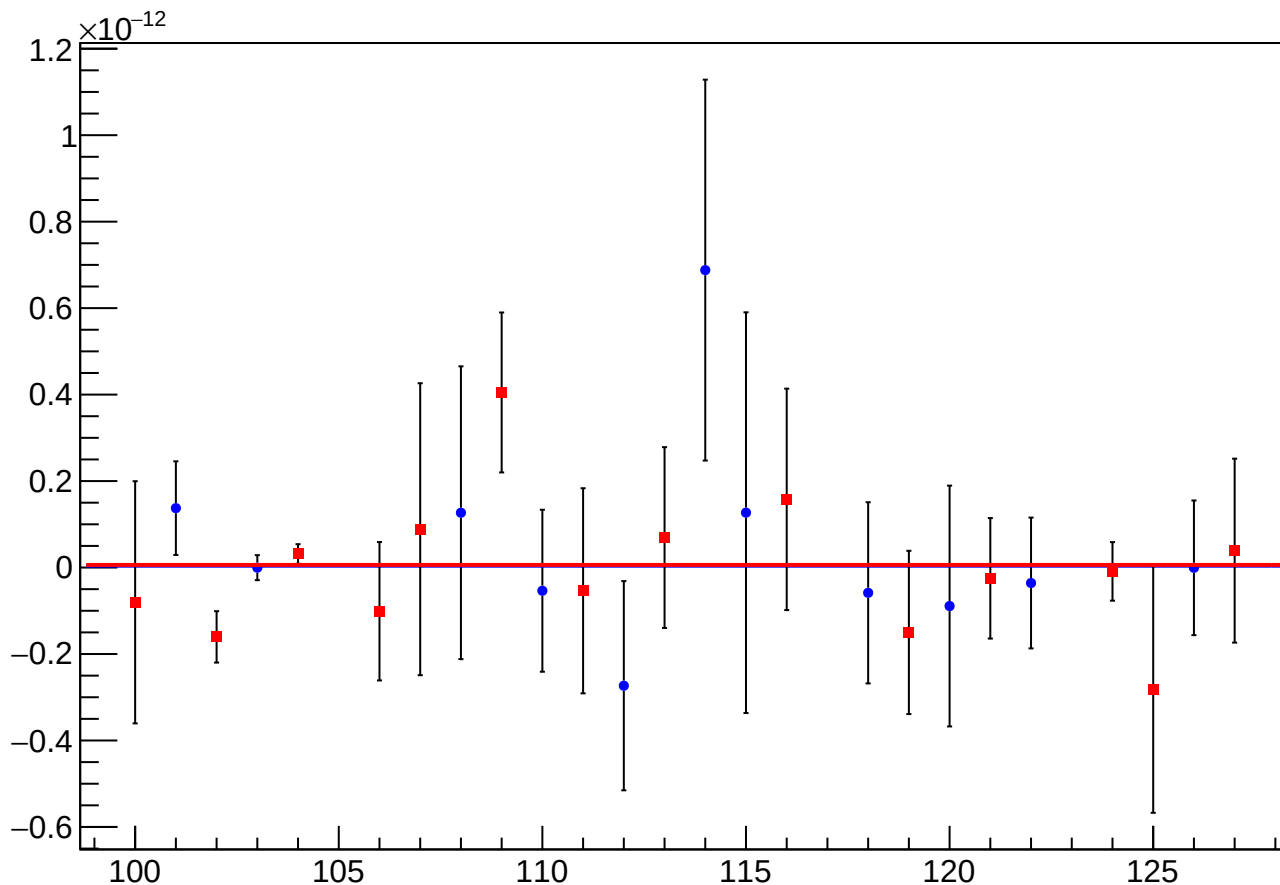
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 131.064 $\pm$ 0.033 χ^2 /NDF: 2668109.1/24

- 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+/-0.000 χ^2/NDF : 5.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.7/13

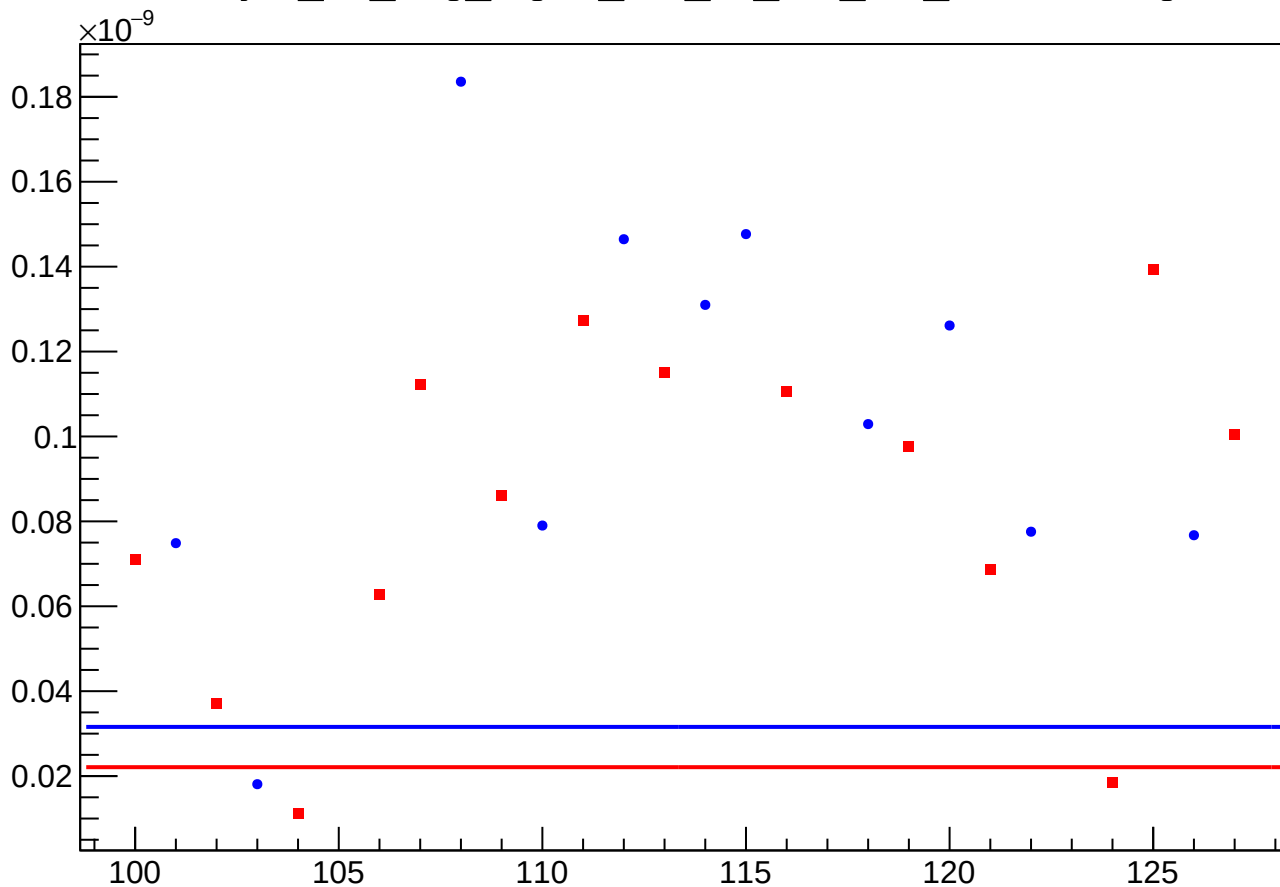
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.5/24

- sign 0.000+/-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 : 2778713.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3353429.9/13

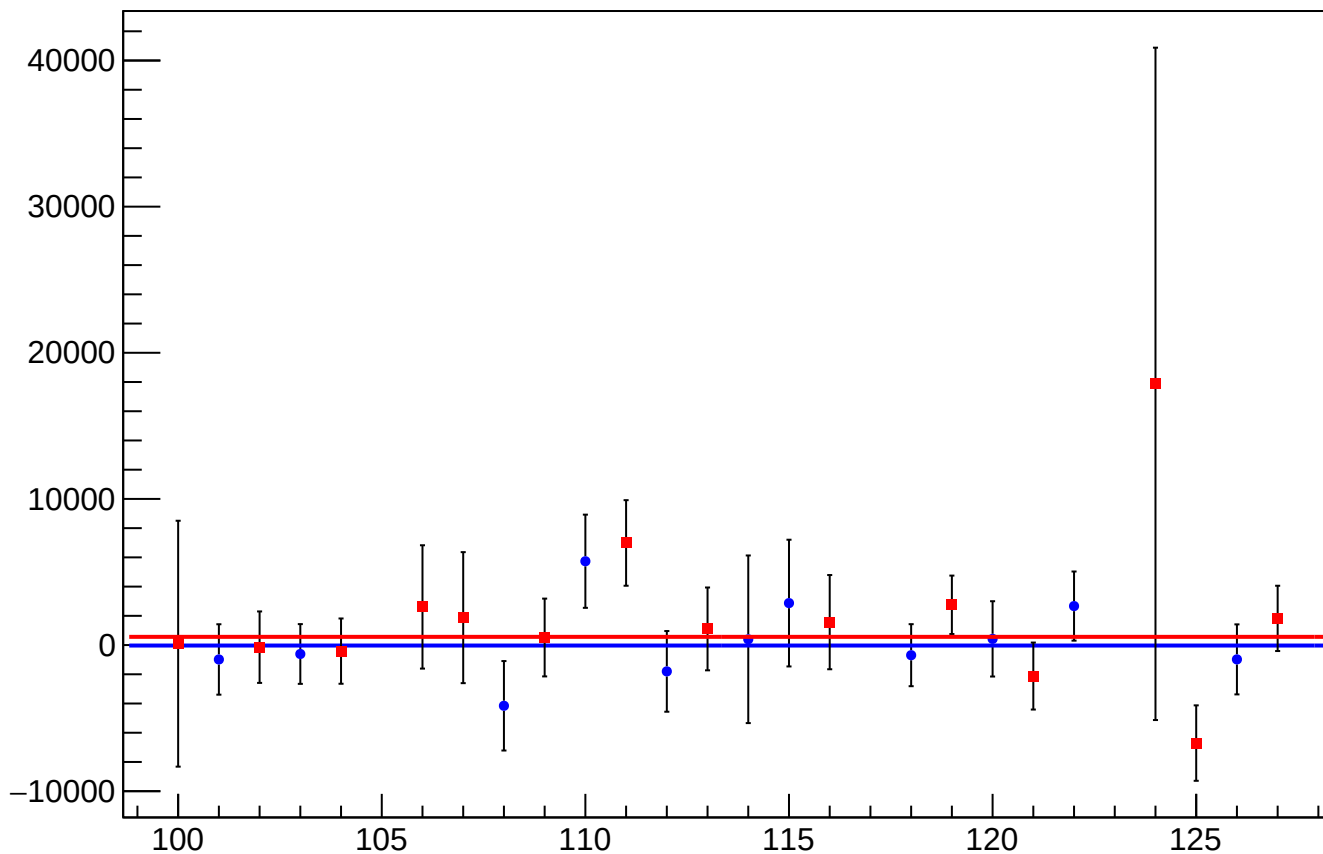
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6303133.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_mean vs Slug



Right In: -32.979 ± 801.435 χ^2/NDF : 7.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 561.611 ± 753.911 χ^2/NDF : 16.9/13

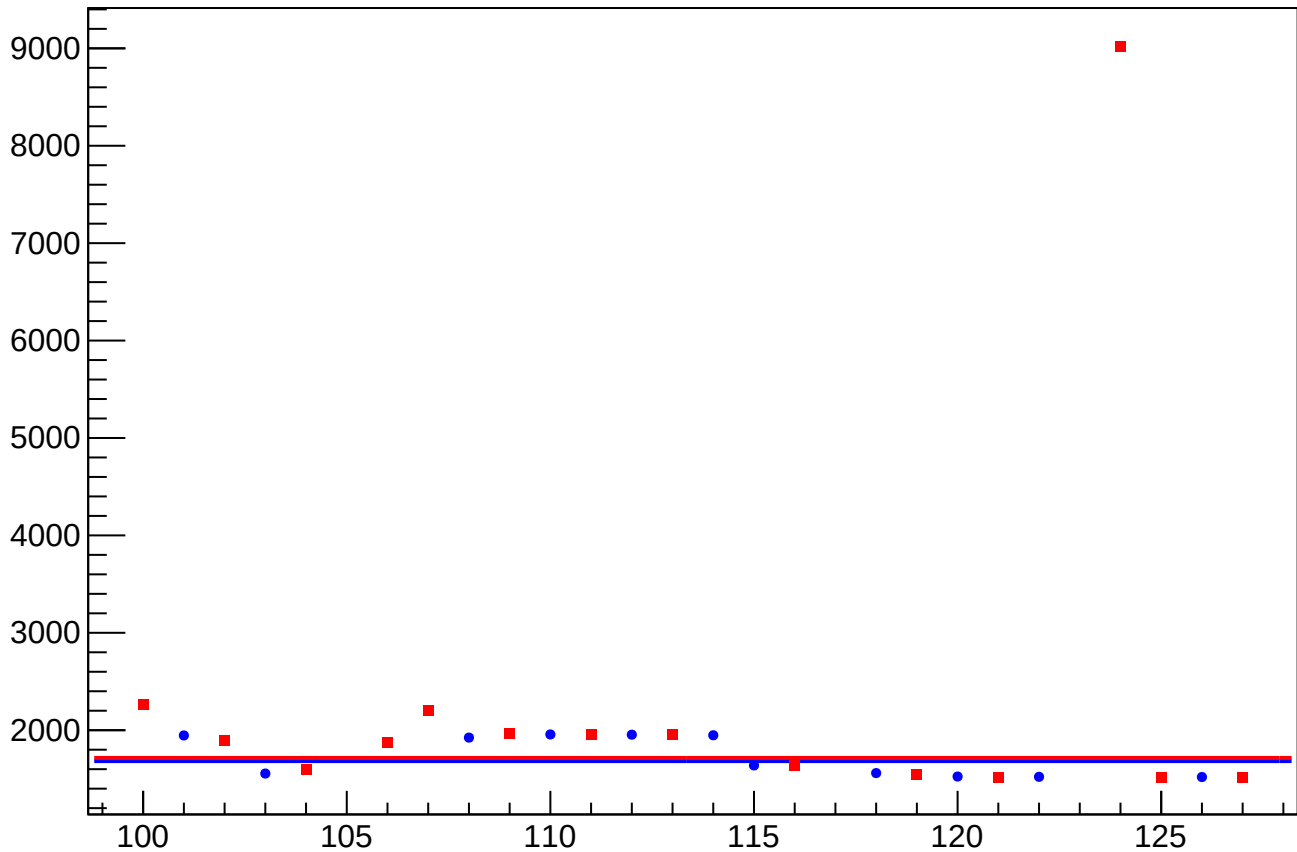
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 282.467 ± 549.128 χ^2/NDF : 25.0/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_rms vs Slug



Right In: 1683.033+/-0.567 χ^2/NDF : 115492.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1715.490+/-0.530 χ^2/NDF : 360919.8/13

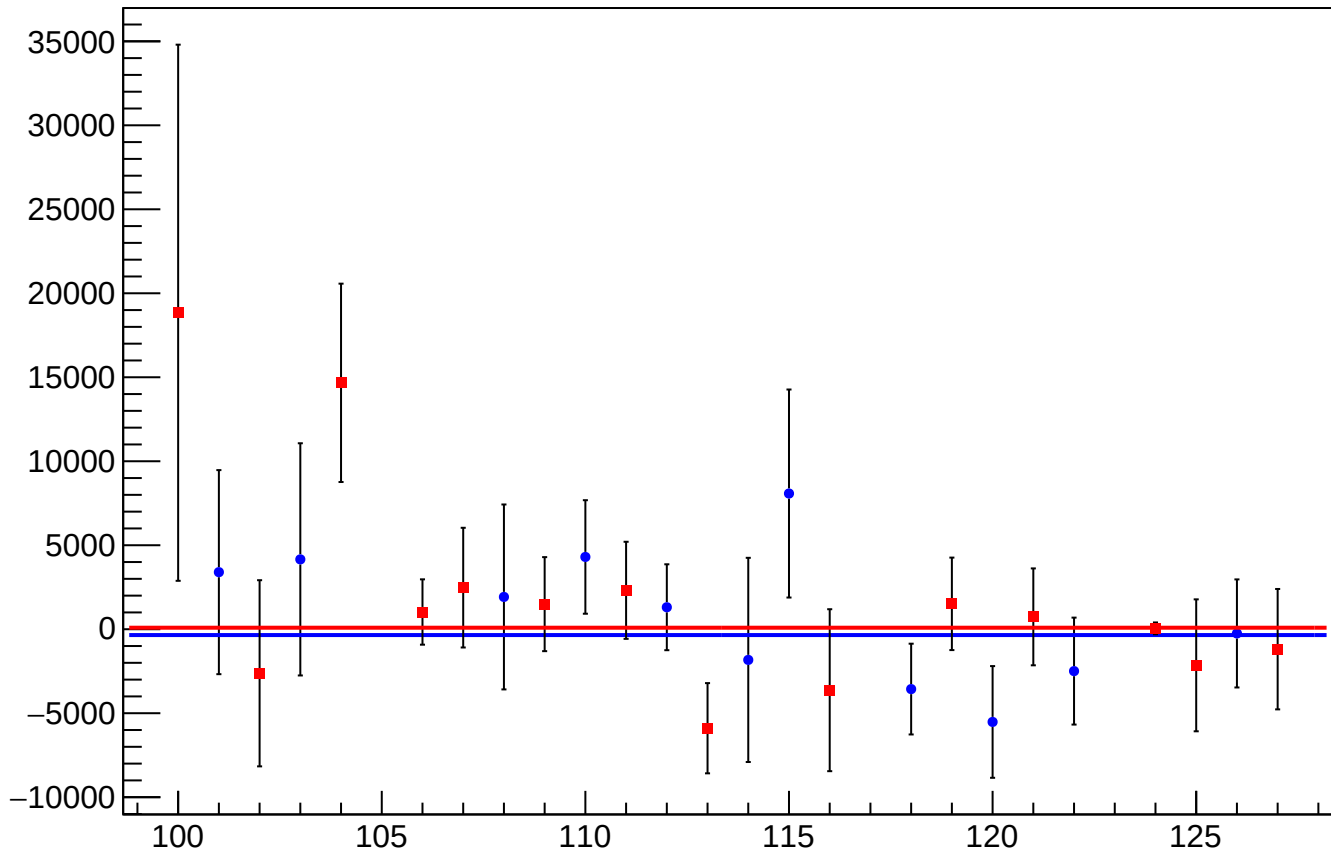
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1700.358+/-0.387 χ^2/NDF : 478163.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_reg_correction_mean vs Slug



Right In: -347.363+/-1119.838 χ^2/NDF : 9.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.212+/-327.485 χ^2/NDF : 15.6/13

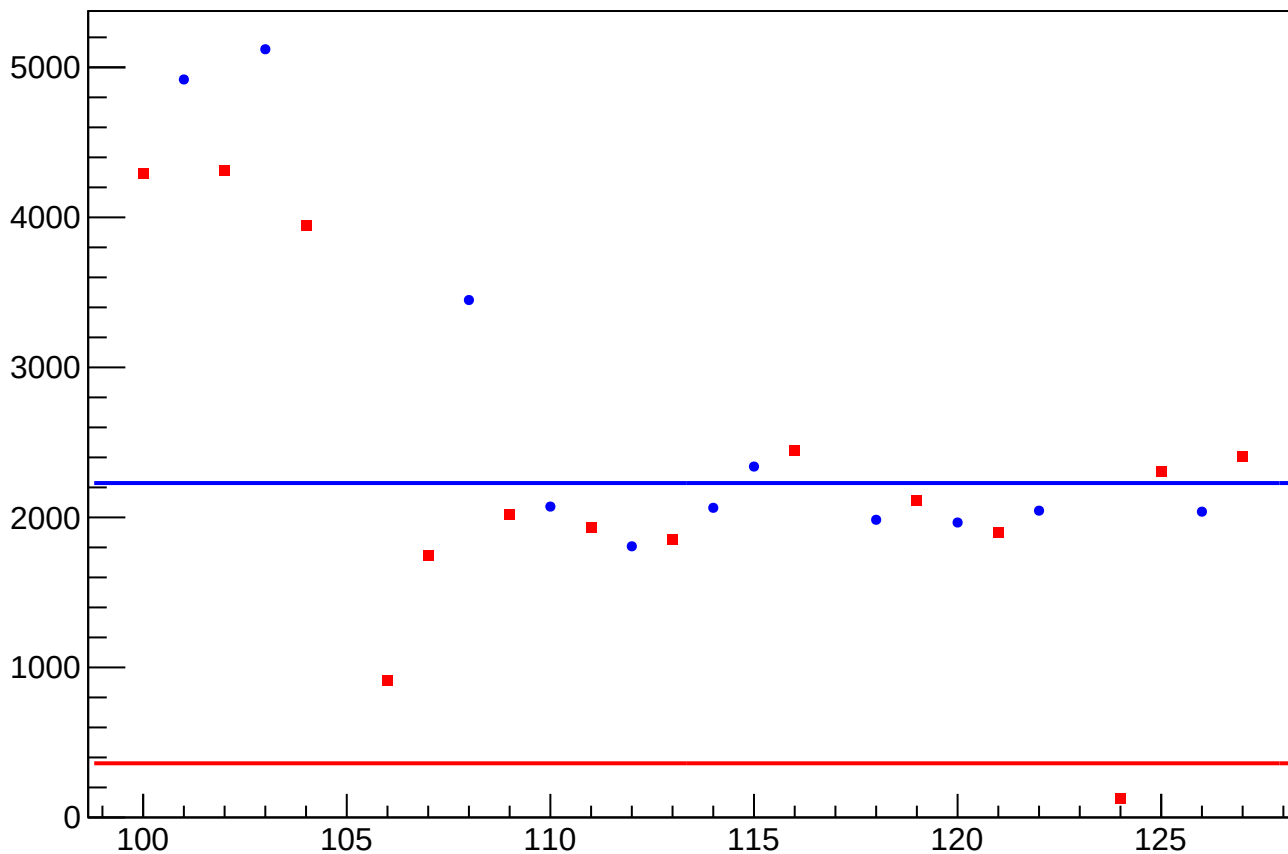
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.738+/-314.320 χ^2/NDF : 25.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_reg_correction_rms vs Slug



Right In: 2228.999 $\pm$ 0.792 χ^2 /NDF: 943993.8/10

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

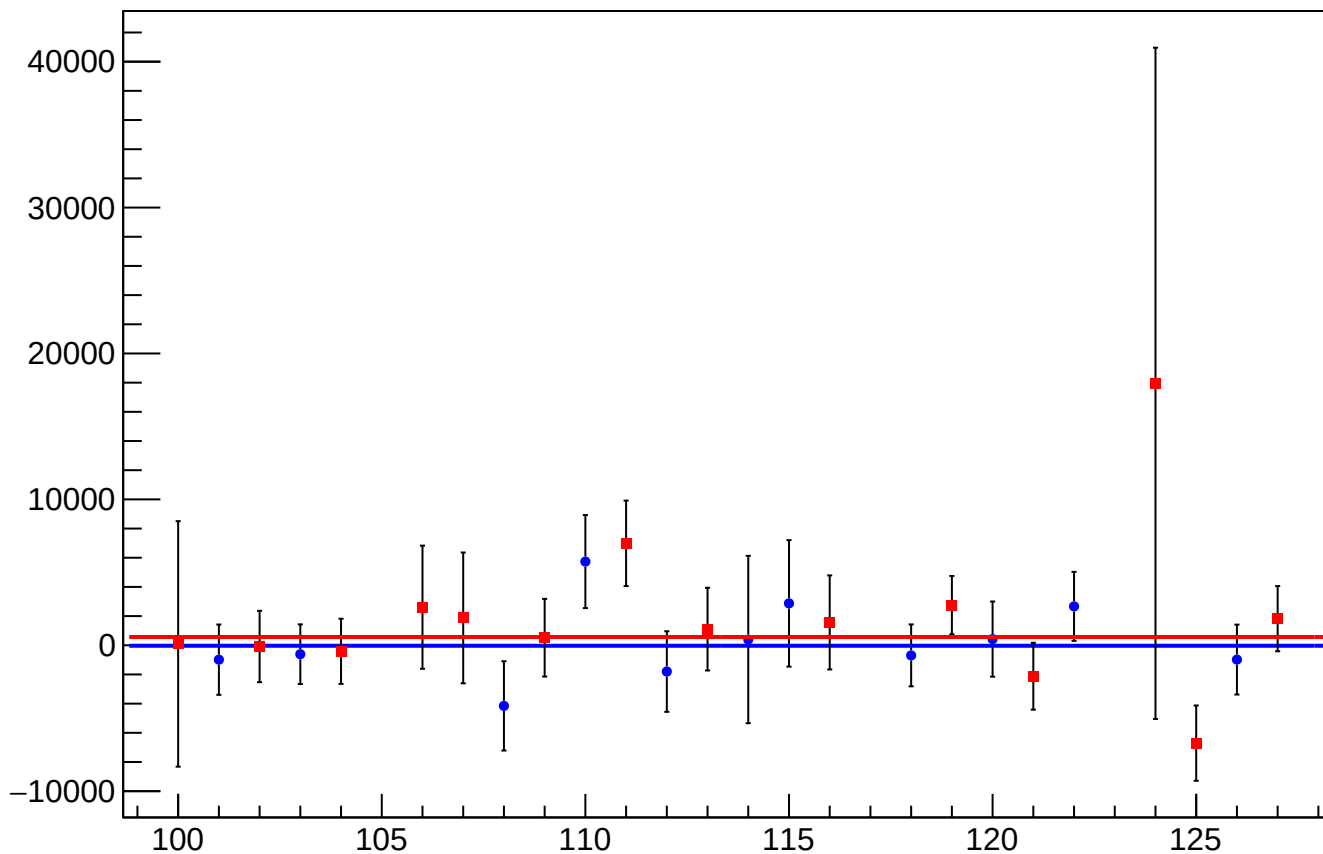
Right Out: 361.013 $\pm$ 0.232 χ^2 /NDF: 8035679.8/13

All: 508.179 $\pm$ 0.222 χ^2 /NDF: 14106268.6/24

- 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: -33.170 $\pm$ 801.435 χ^2 /NDF: 7.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 567.693 $\pm$ 753.921 χ^2 /NDF: 16.9/13

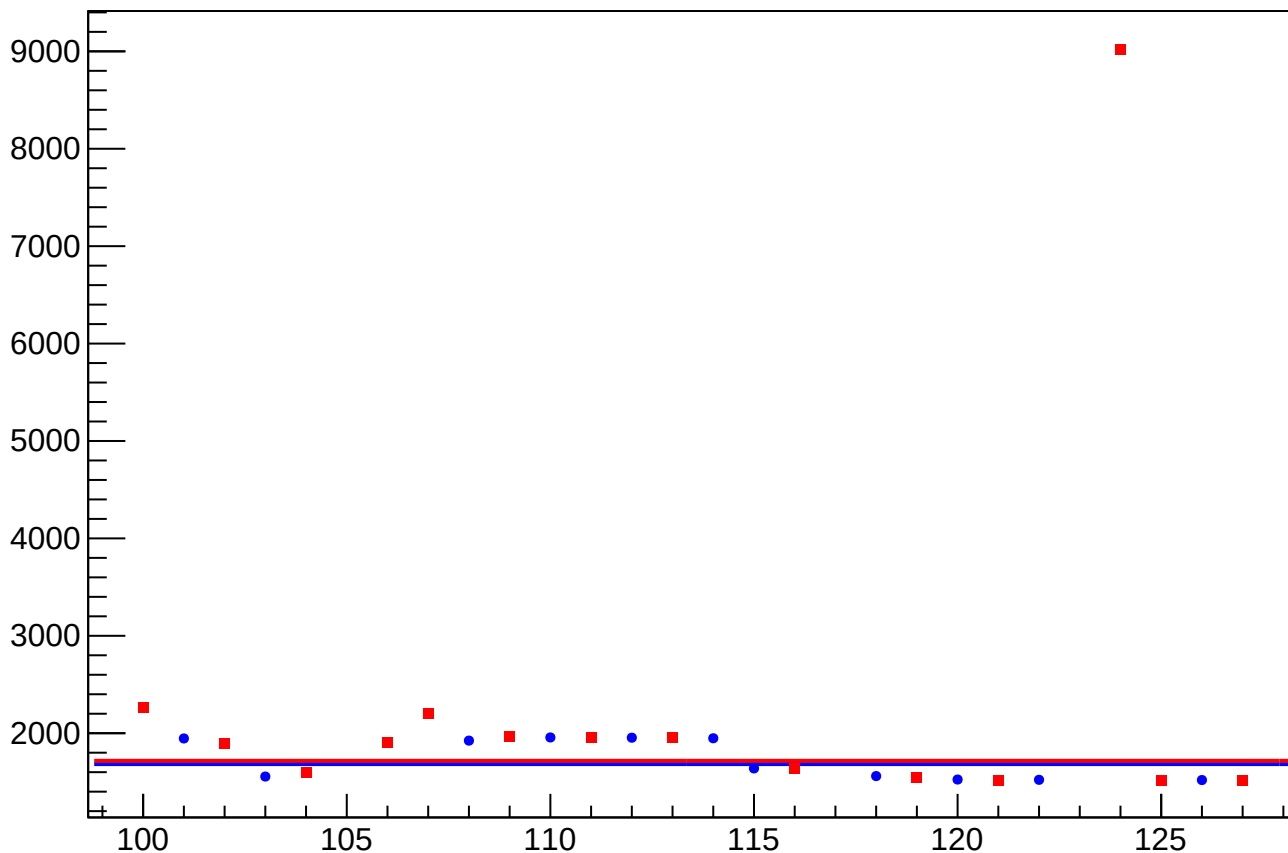
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 285.599 $\pm$ 549.132 χ^2 /NDF: 25.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl_dd_rms vs Slug



Right In: 1683.033+/-0.567 χ^2/NDF : 115492.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1716.636+/-0.530 χ^2/NDF : 362516.4/13

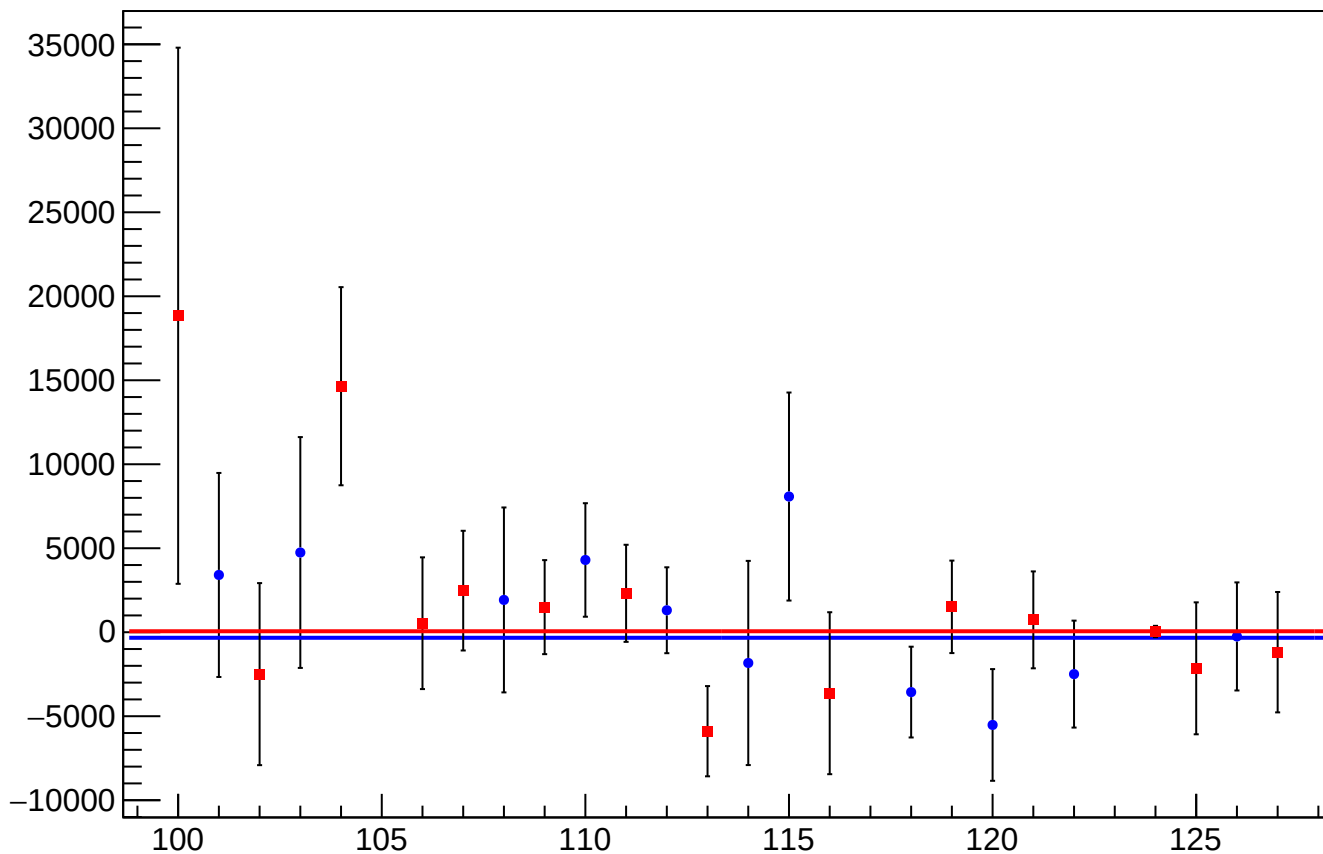
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1700.958+/-0.387 χ^2/NDF : 479884.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_cor_correction_mean vs Slug



Right In: -330.124+/-1119.650 χ^2/NDF : 9.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.880+/-319.254 χ^2/NDF : 15.3/13

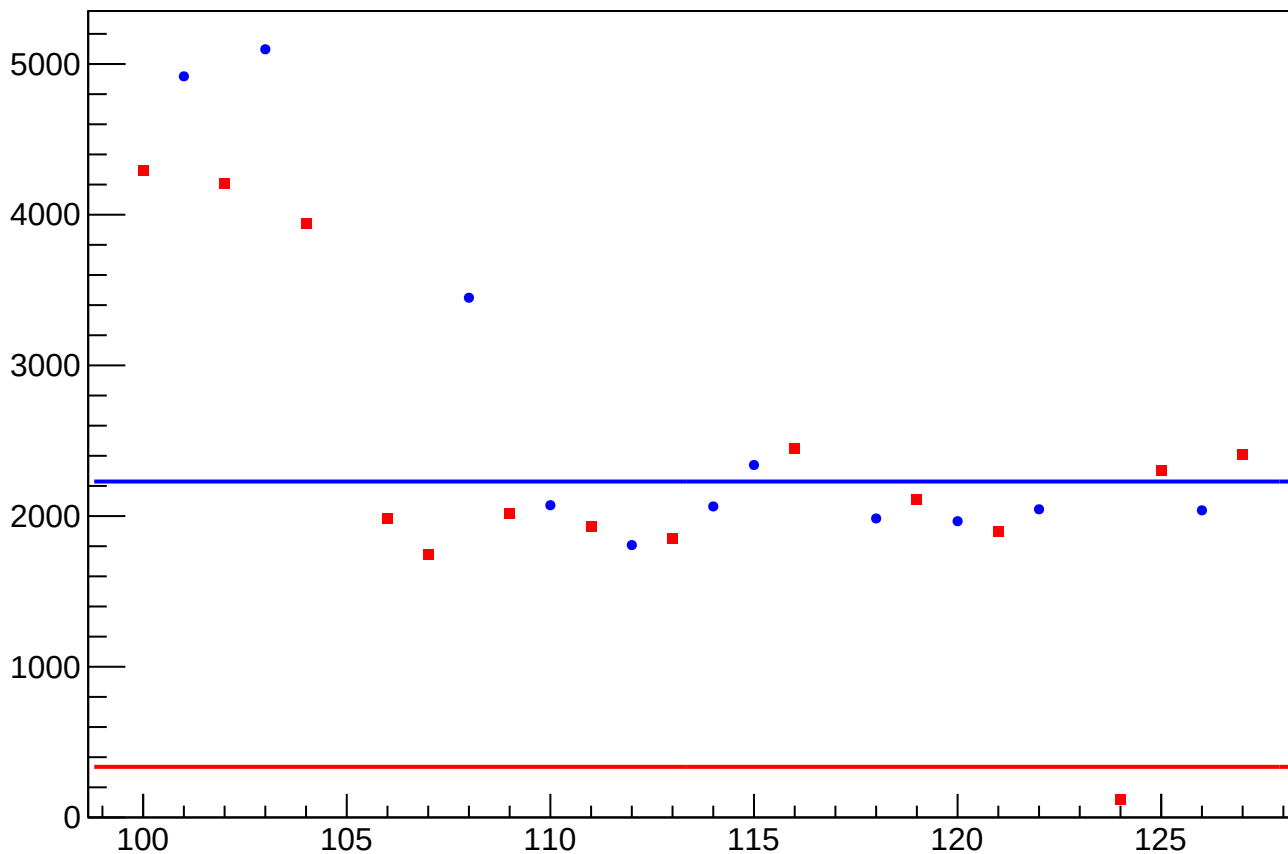
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.706+/-307.017 χ^2/NDF : 25.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_cor_correction_rms vs Slug



Right In: 2229.292 $\pm$ 0.792 χ^2 /NDF: 942466.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 335.713 $\pm$ 0.226 χ^2 /NDF: 8320184.4/13

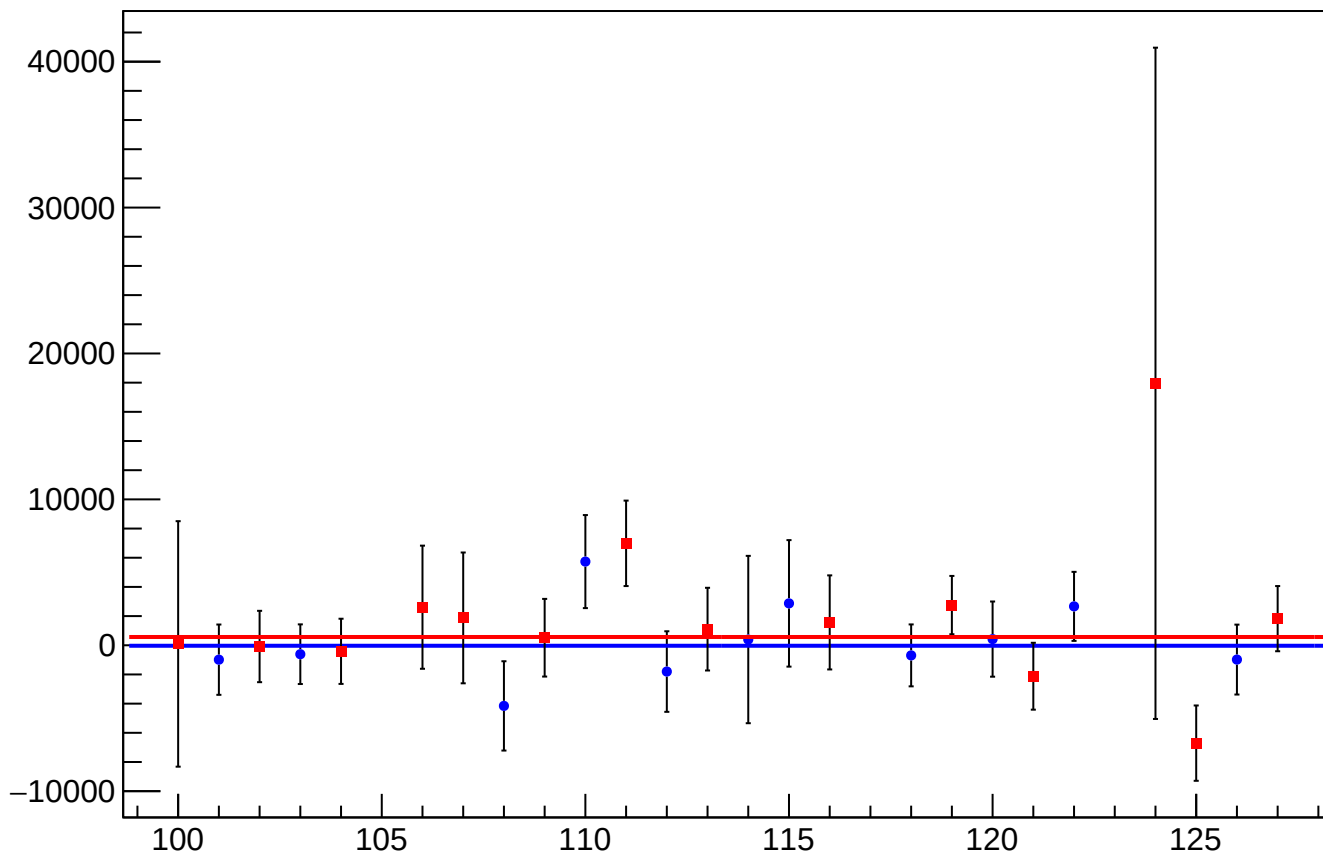
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 478.091 $\pm$ 0.217 χ^2 /NDF: 14553002.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl_dd_mean vs Slug



Right In: -33.170+/-801.435 χ^2/NDF : 7.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 567.693+/-753.921 χ^2/NDF : 16.9/13

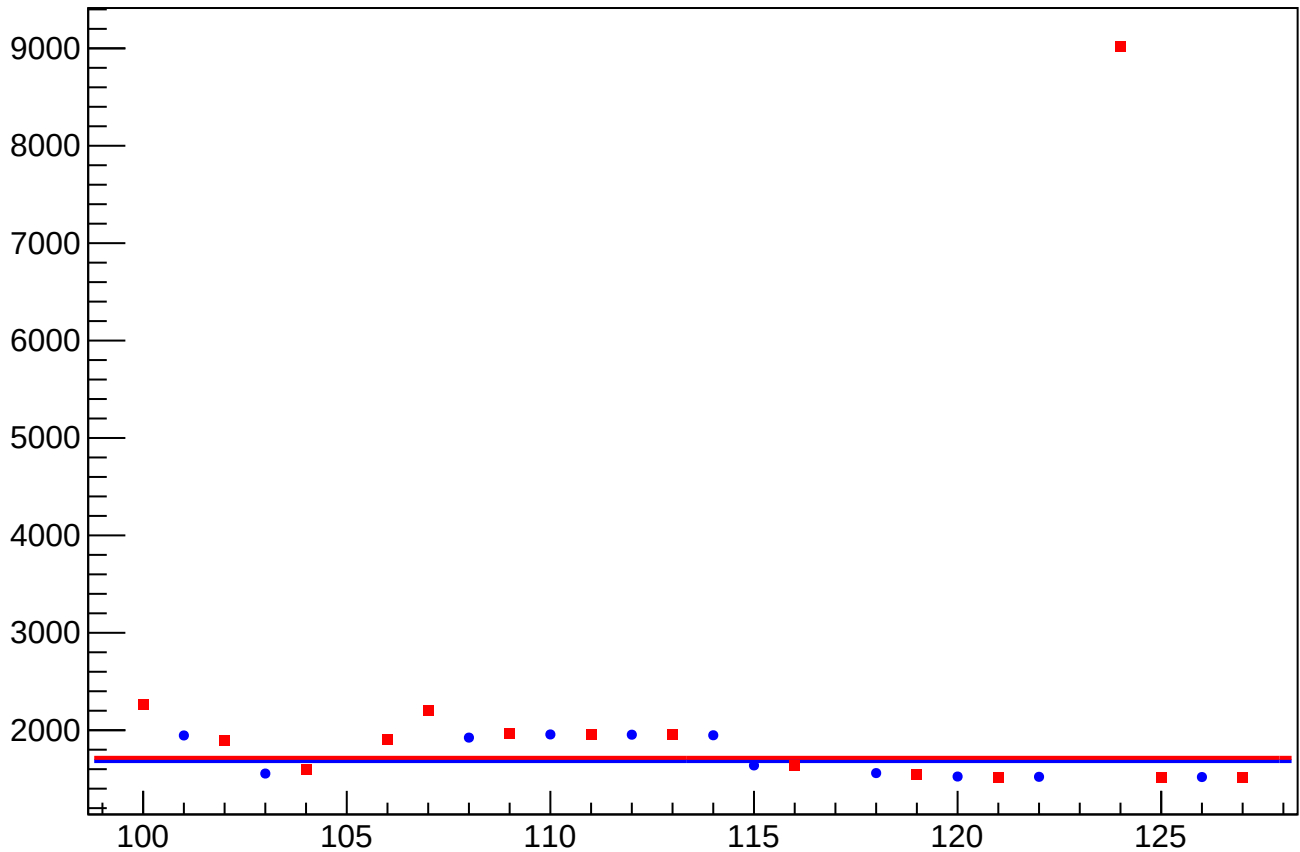
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 285.599+/-549.132 χ^2/NDF : 25.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_dd_rms vs Slug



Right In: 1683.033+/-0.567 χ^2/NDF : 115492.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

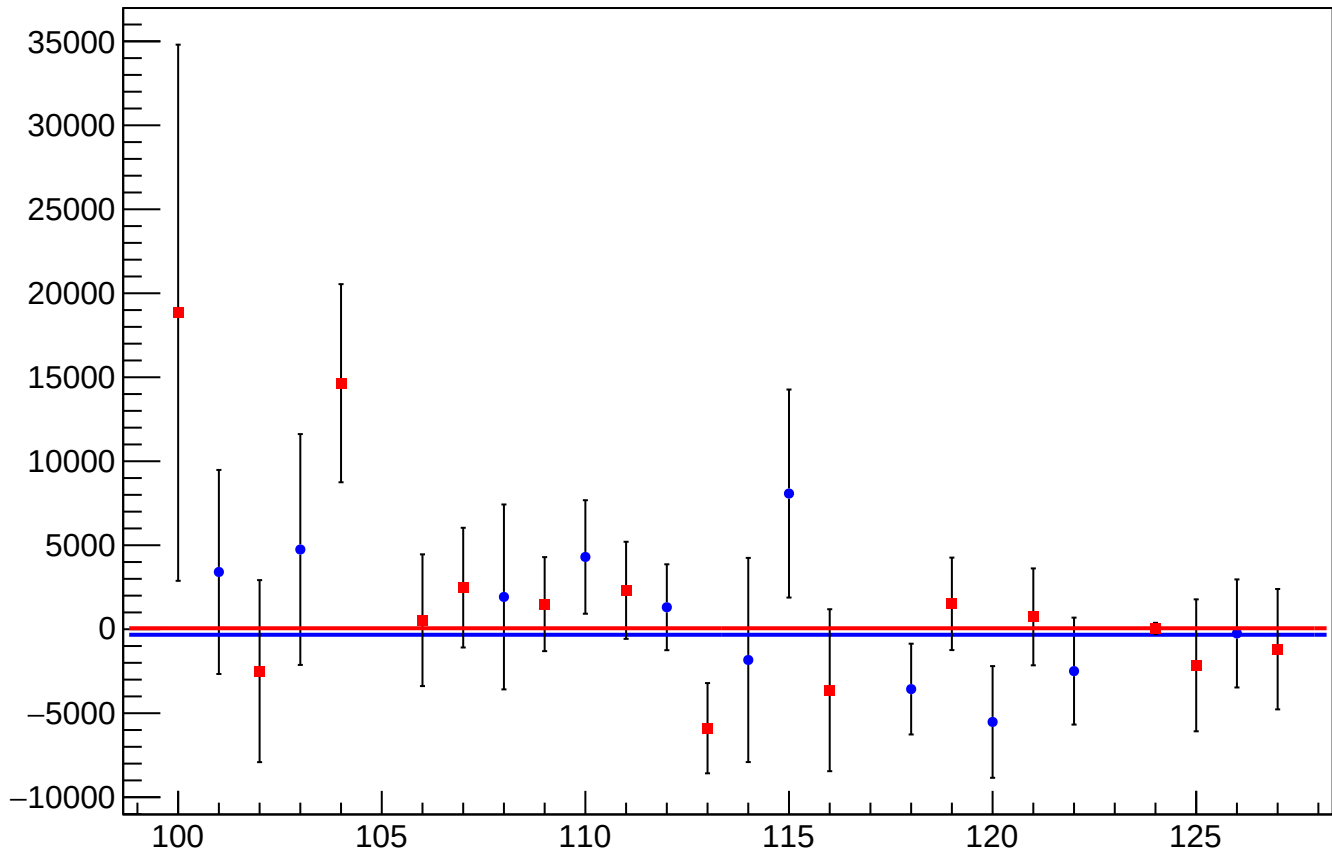
Right Out: 1716.636+/-0.530 χ^2/NDF : 362516.4/13

All: 1700.958+/-0.387 χ^2/NDF : 479884.8/24

- 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_eigen_cor_correction_mean vs Slug



Right In: -330.124+/-1119.650 χ^2/NDF : 9.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.880+/-319.254 χ^2/NDF : 15.3/13

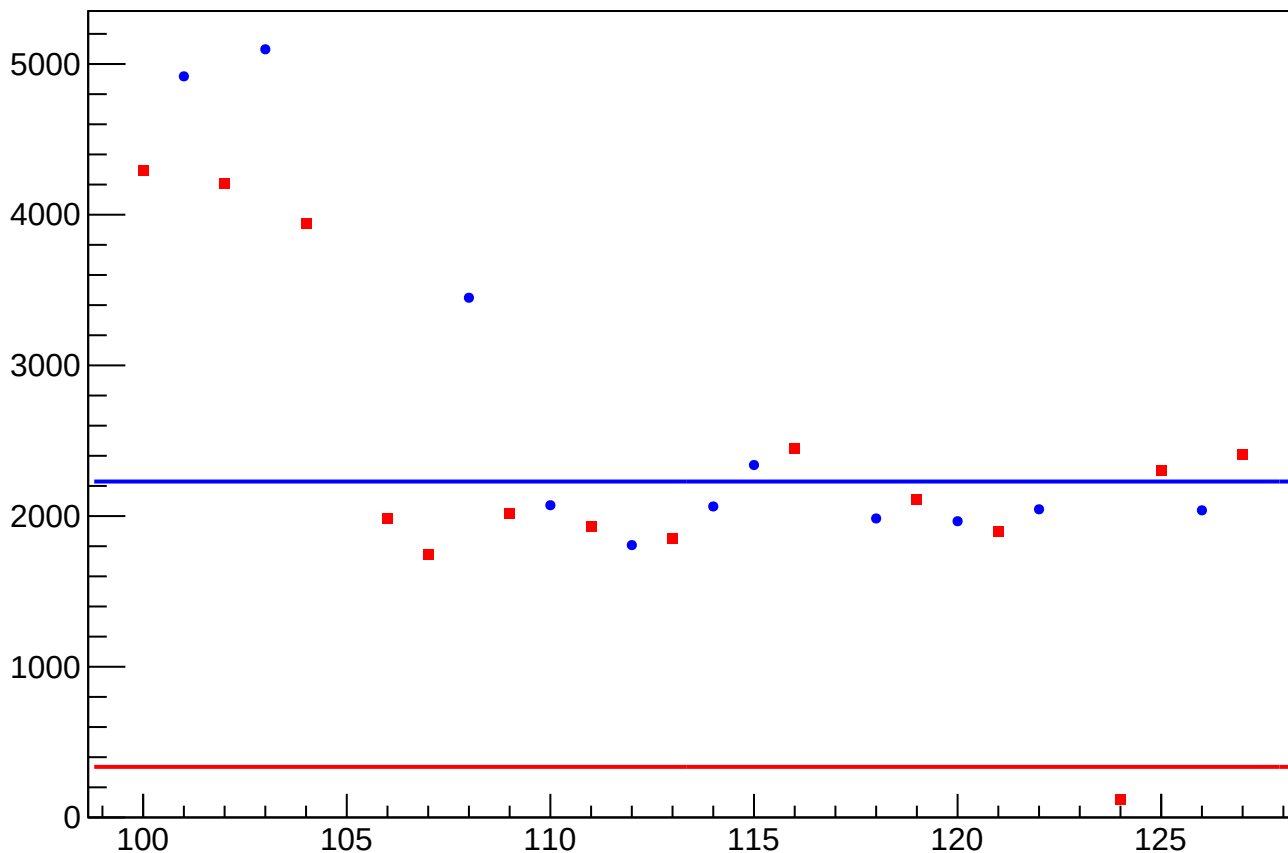
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.706+/-307.017 χ^2/NDF : 25.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_cor_correction_rms vs Slug



Right In: 2229.292+/-0.792 χ^2/NDF : 942466.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 335.713+/-0.226 χ^2/NDF : 8320184.4/13

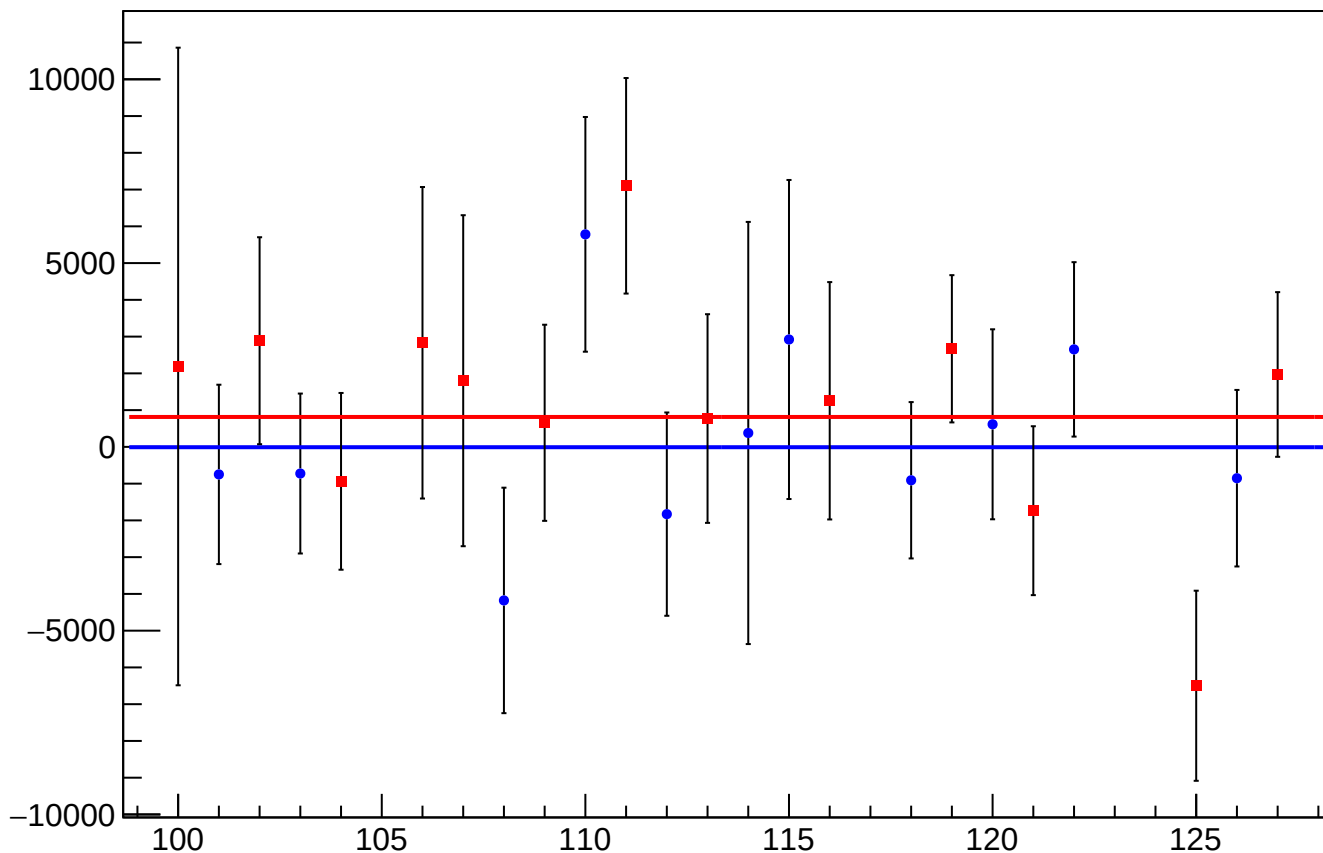
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 478.091+/-0.217 χ^2/NDF : 14553002.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_dd_mean vs Slug



Right In: -9.169+/-811.165 χ^2/NDF : 7.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 813.892+/-771.080 χ^2/NDF : 16.3/12

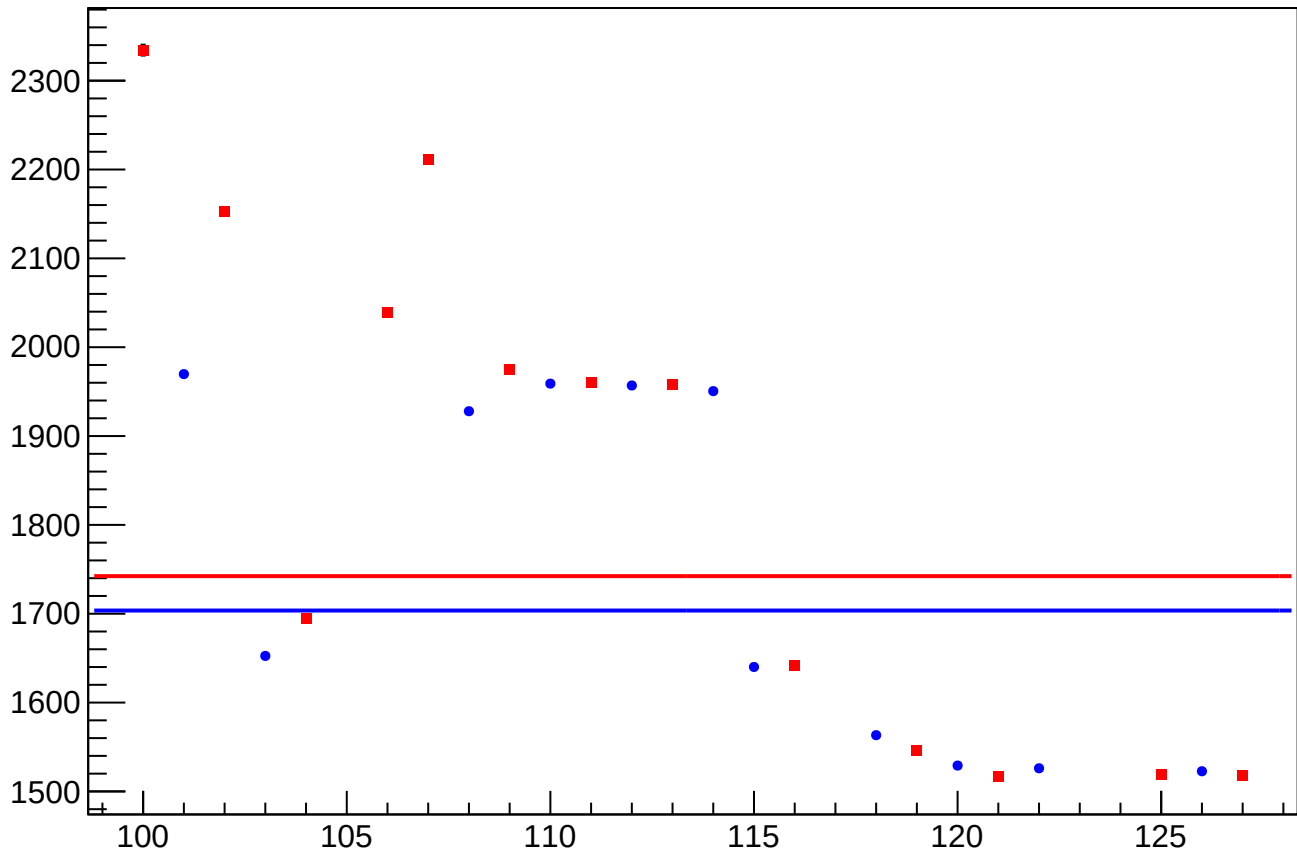
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 423.200+/-558.870 χ^2/NDF : 24.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_dd_rms vs Slug



Right In: 1703.598 $\pm$ 0.574 χ^2 /NDF: 109679.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1742.306 $\pm$ 0.543 χ^2 /NDF: 199028.1/12

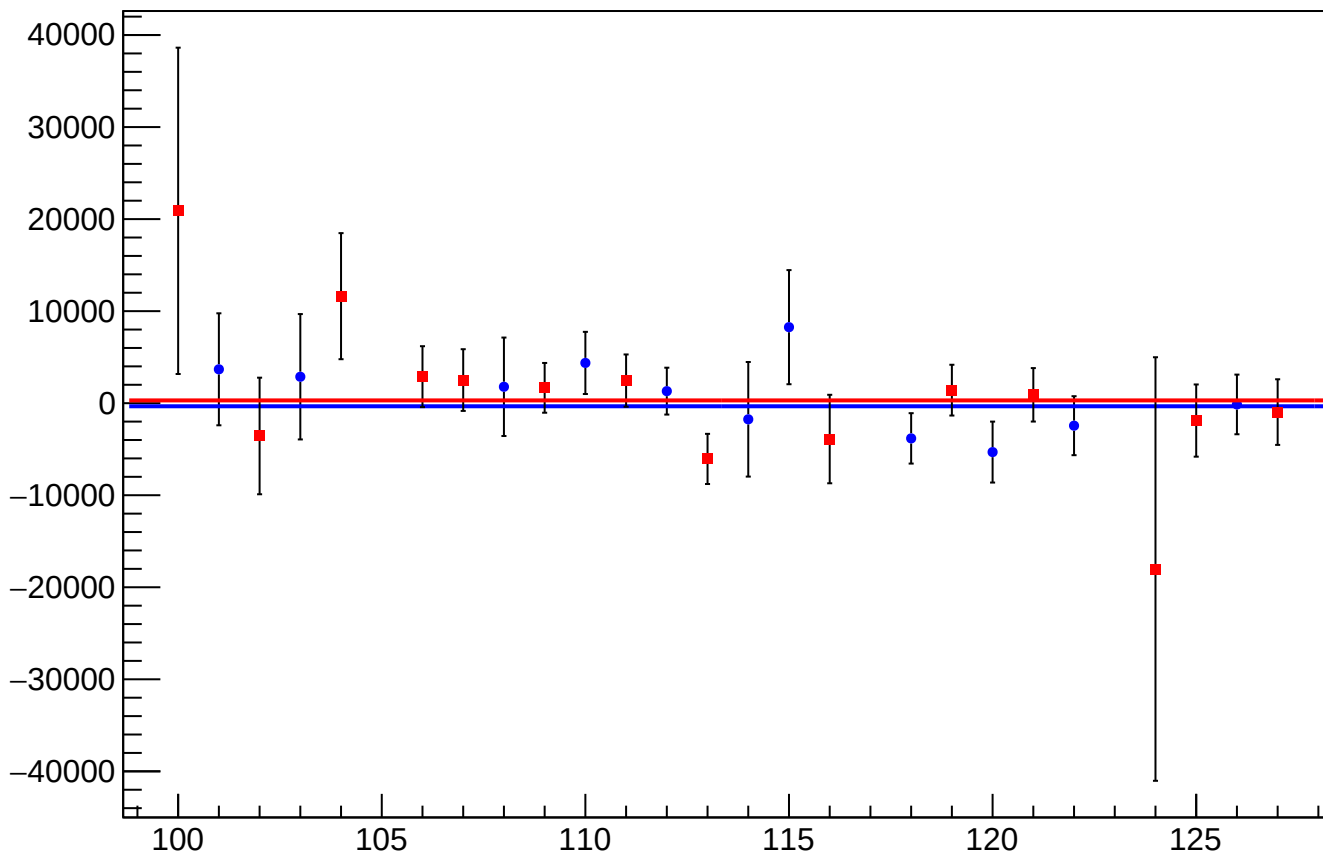
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1723.996 $\pm$ 0.394 χ^2 /NDF: 311107.1/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_dit_correction_mean vs Slug



Right In: -335.926+/-1121.914 χ^2/NDF : 9.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 302.163+/-969.458 χ^2/NDF : 13.8/13

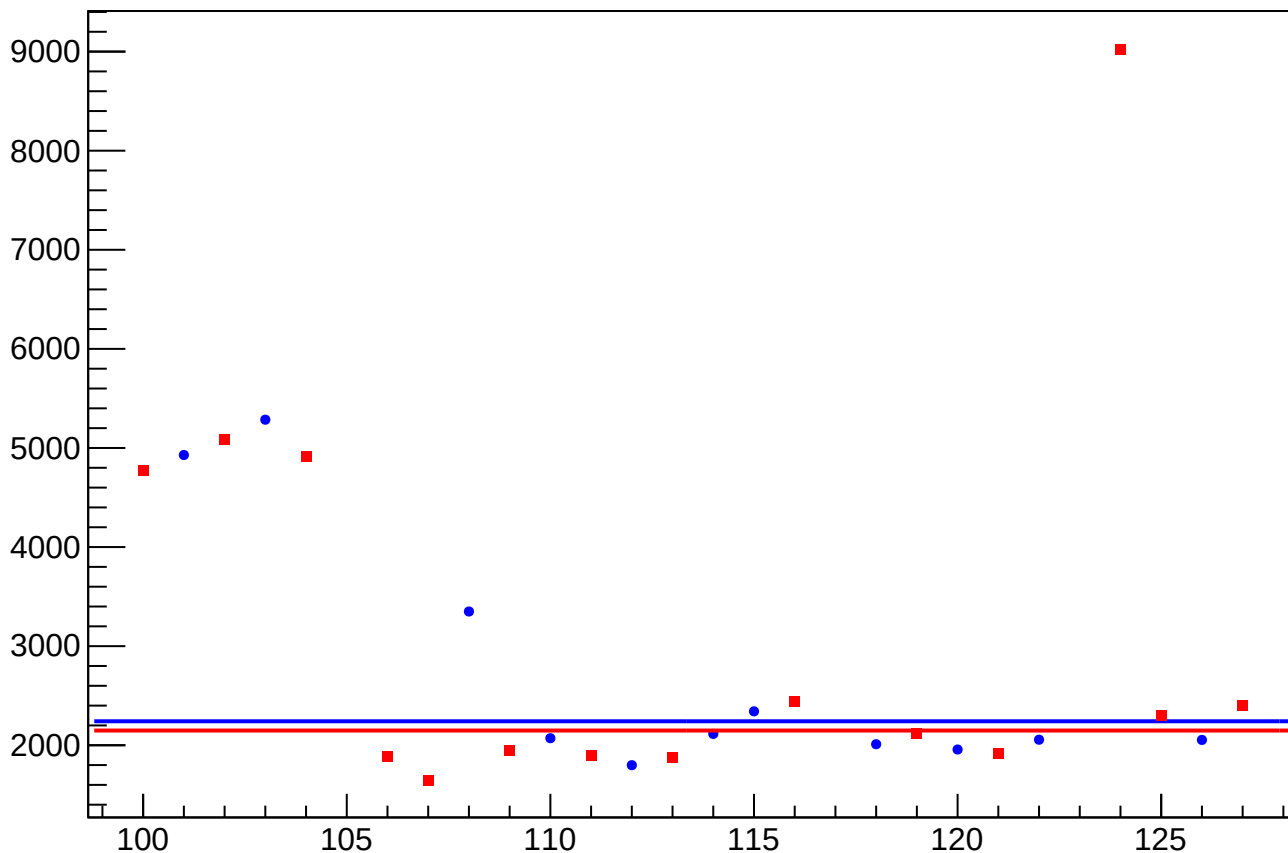
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.387+/-733.536 χ^2/NDF : 23.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_dit_correction_rms vs Slug



Right In: 2241.958 $\pm$ 0.793 χ^2 /NDF: 984809.8/10

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

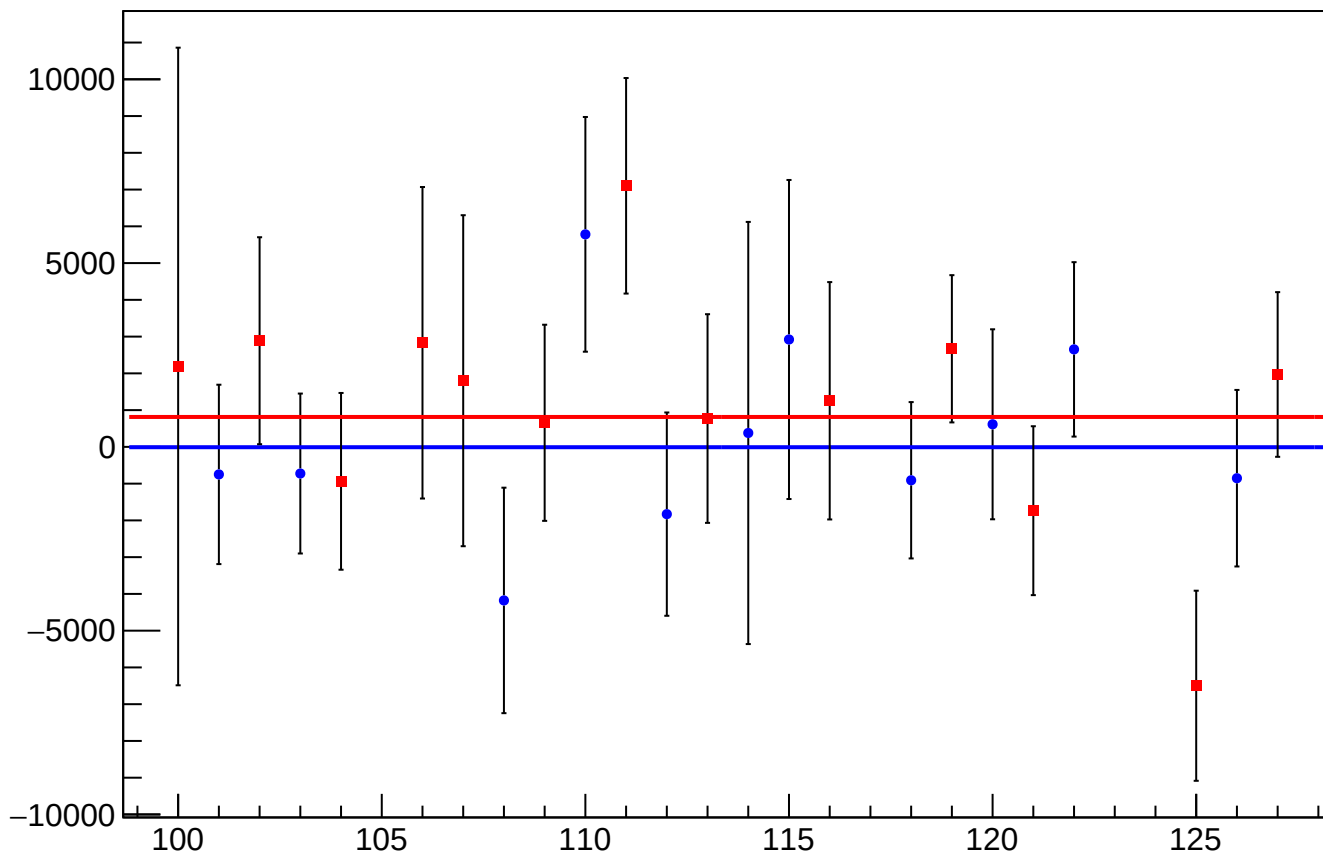
Right Out: 2148.485 $\pm$ 0.686 χ^2 /NDF: 1117219.9/13

All: 2188.443 $\pm$ 0.519 χ^2 /NDF: 2109977.9/24

- 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_mean vs Slug



Right In: -9.168+/-811.165 χ^2/NDF : 7.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 813.898+/-771.080 χ^2/NDF : 16.3/12

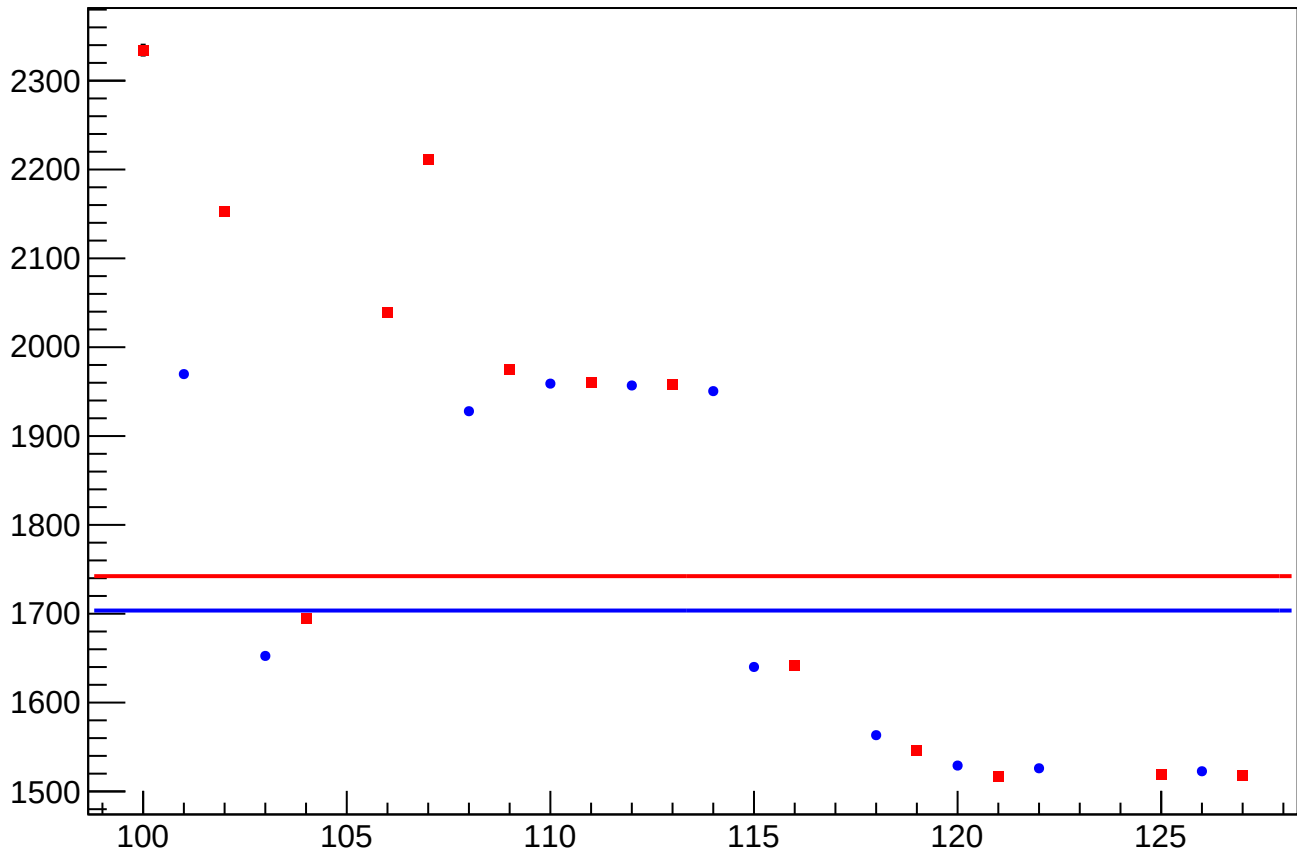
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 423.203+/-558.870 χ^2/NDF : 24.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_dd_rms vs Slug



Right In: 1703.597 $\pm$ 0.574 χ^2 /NDF: 109679.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1742.306 $\pm$ 0.543 χ^2 /NDF: 199027.4/12

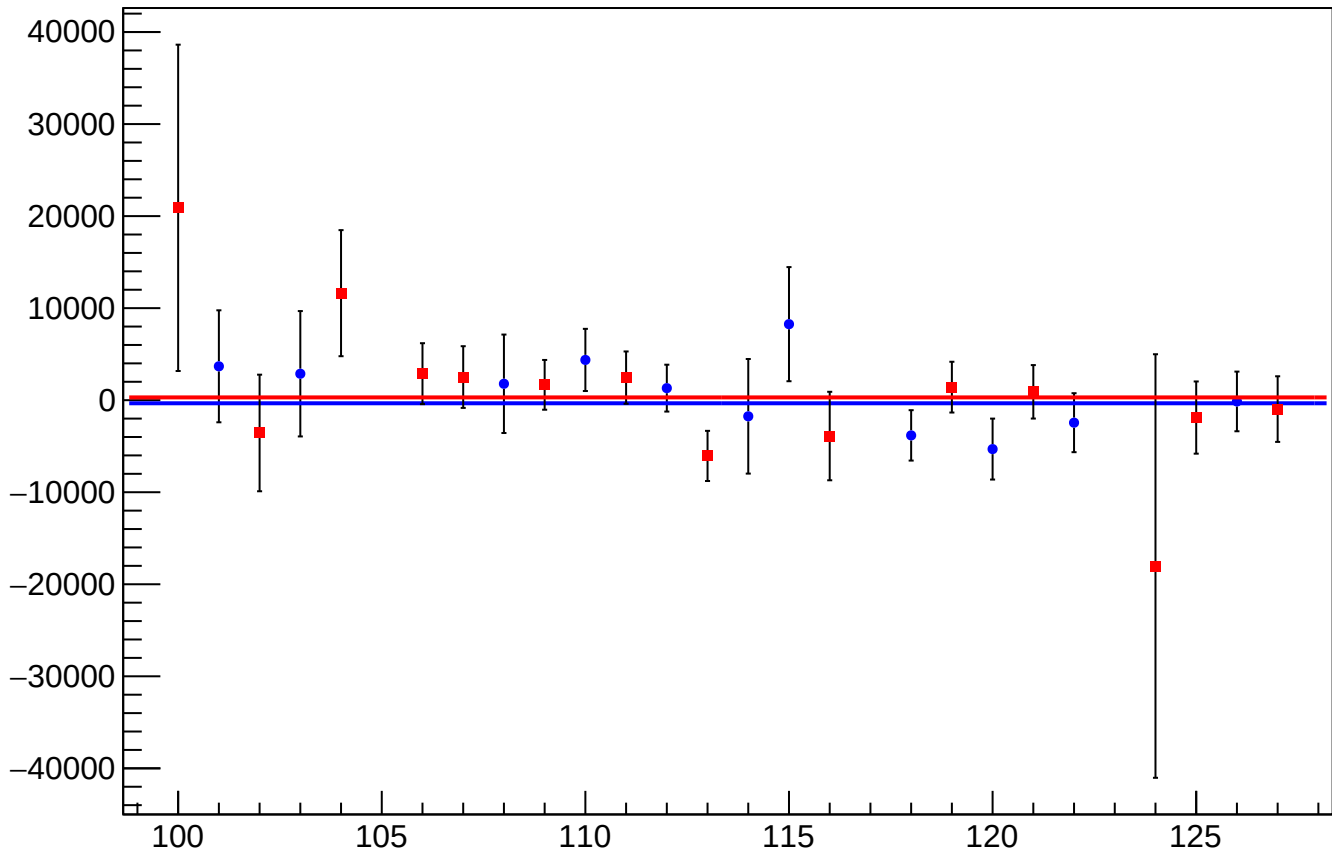
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1723.996 $\pm$ 0.394 χ^2 /NDF: 311106.5/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_eigen_dit_correction_mean vs Slug



Right In: -335.928+/-1121.909 χ^2/NDF : 9.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 302.165+/-969.455 χ^2/NDF : 13.8/13

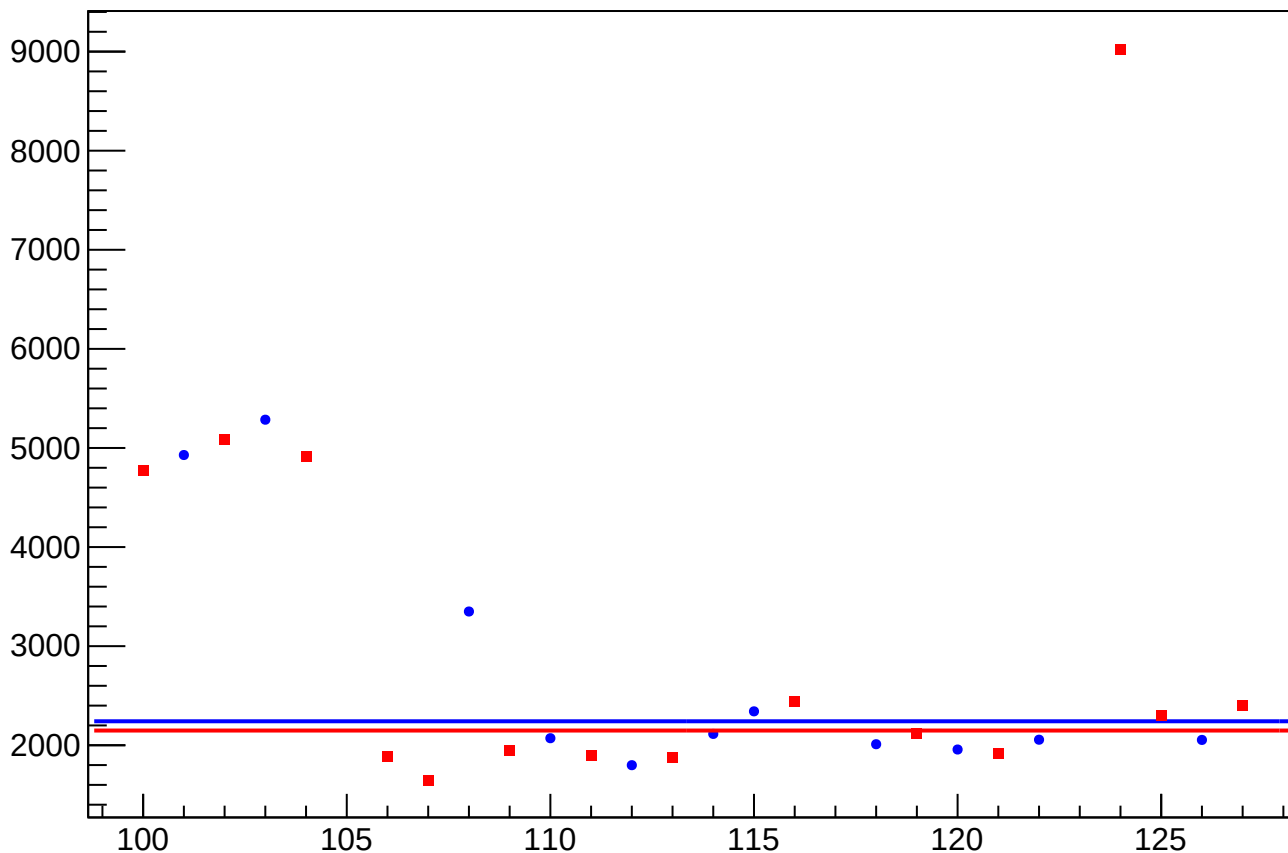
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.388+/-733.533 χ^2/NDF : 23.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_dit_correction_rms vs Slug



Right In: 2241.946 $\pm$ 0.793 χ^2 /NDF: 984815.6/10

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

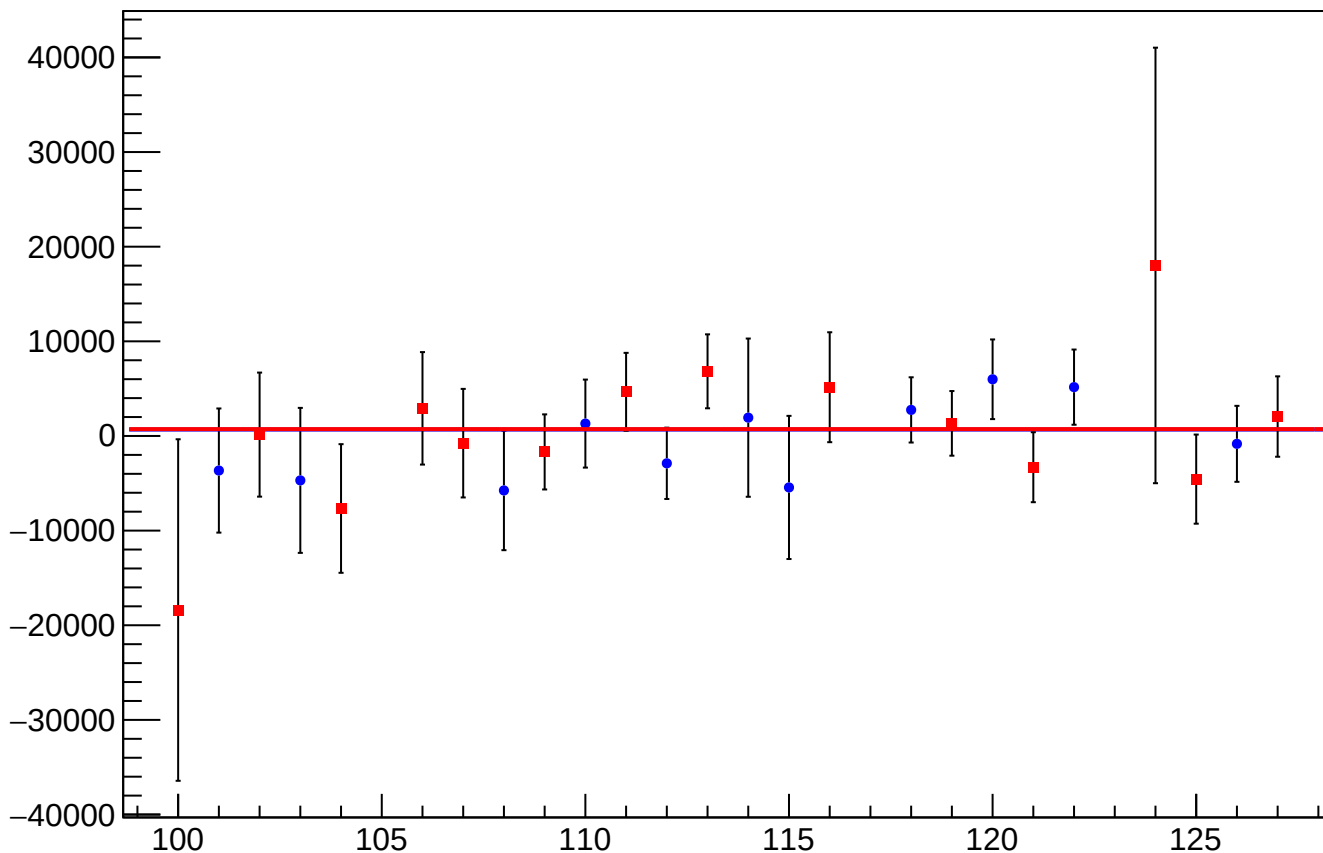
Right Out: 2148.476 $\pm$ 0.686 χ^2 /NDF: 1117224.4/13

All: 2188.434 $\pm$ 0.519 χ^2 /NDF: 2109987.8/24

- 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_dd_mean vs Slug



Right In: 679.141+/-1443.388 χ^2/NDF : 6.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 723.519+/-1306.566 χ^2/NDF : 10.3/13

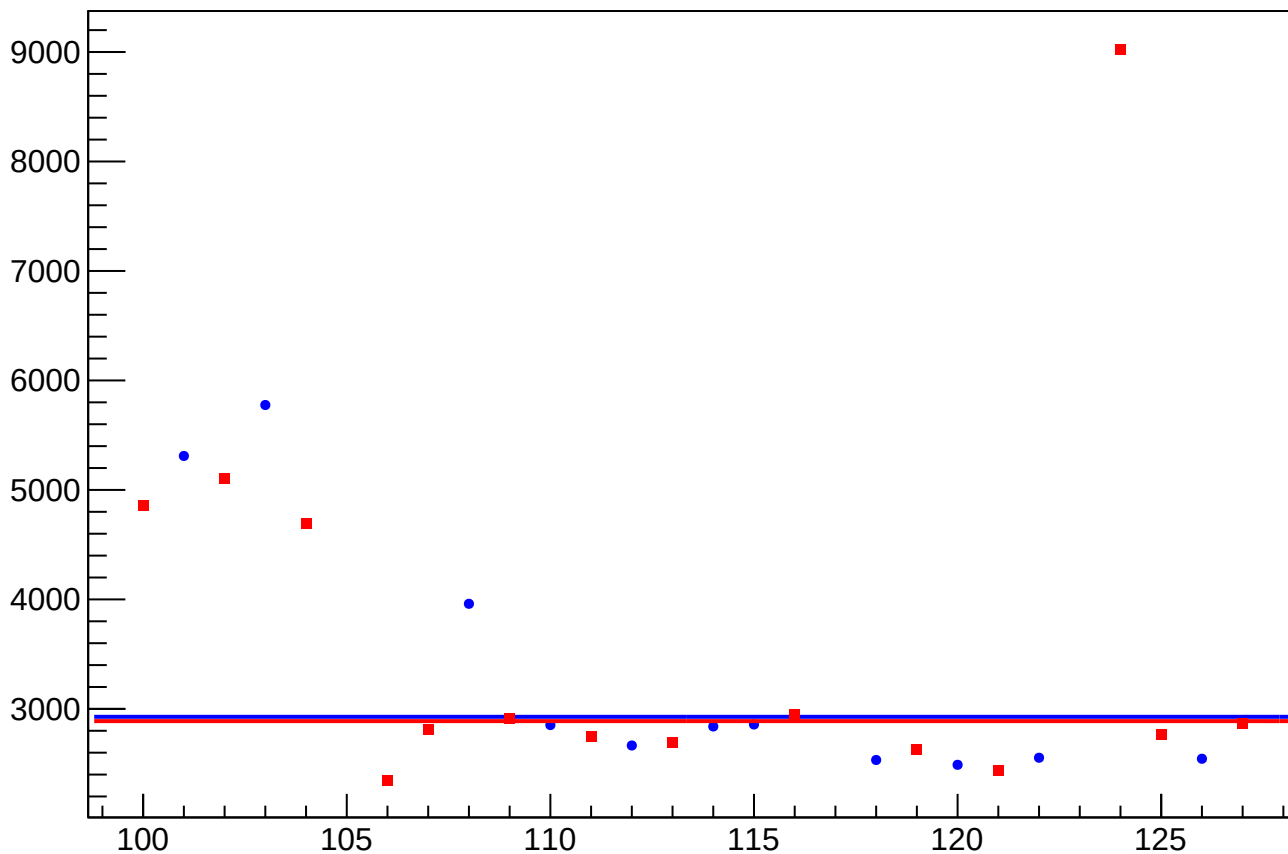
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 703.533+/-968.651 χ^2/NDF : 17.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_rms vs Slug



Right In: 2927.654+/-1.021 χ^2/NDF : 688398.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2888.214+/-0.908 χ^2/NDF : 615573.8/13

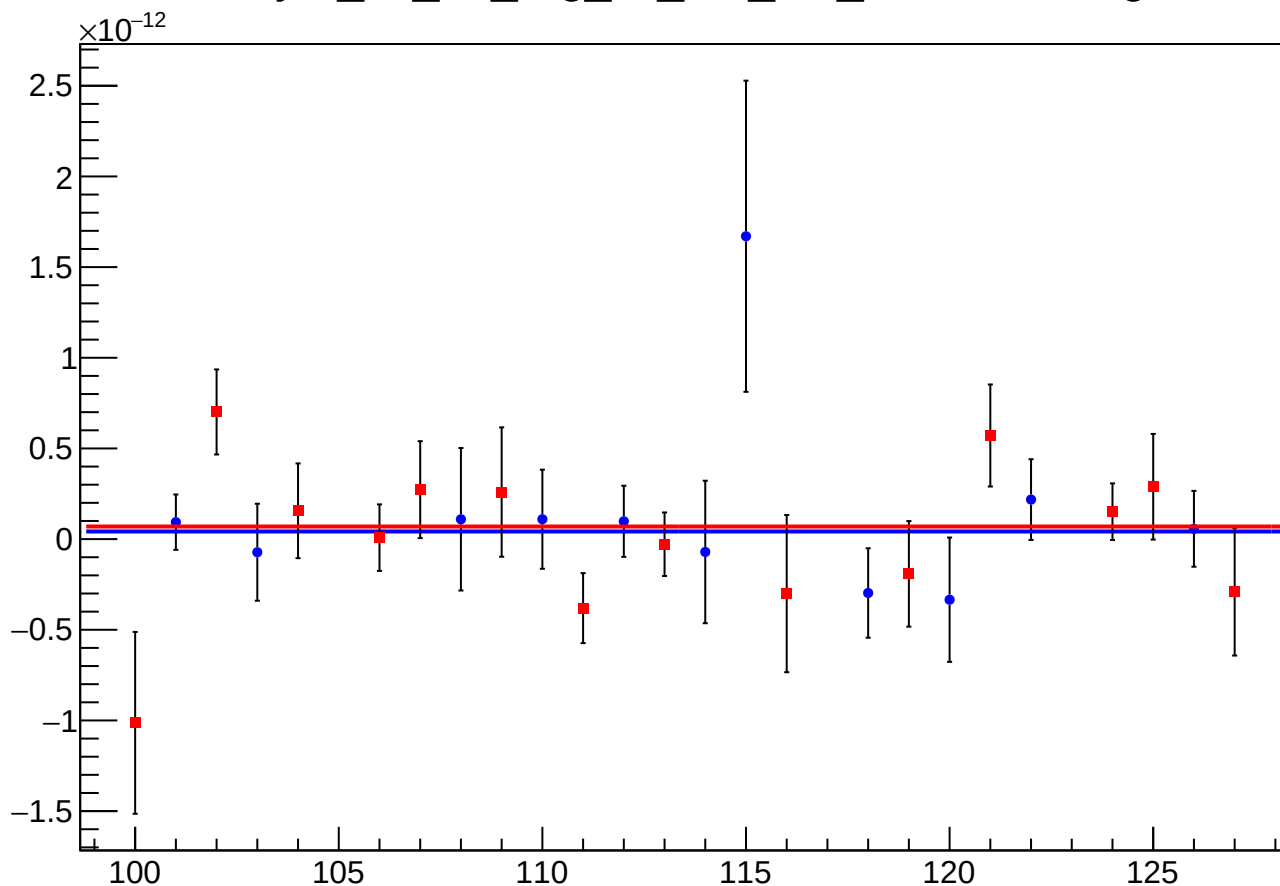
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2905.638+/-0.678 χ^2/NDF : 1304805.6/24

- 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: 7.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 25.4/13

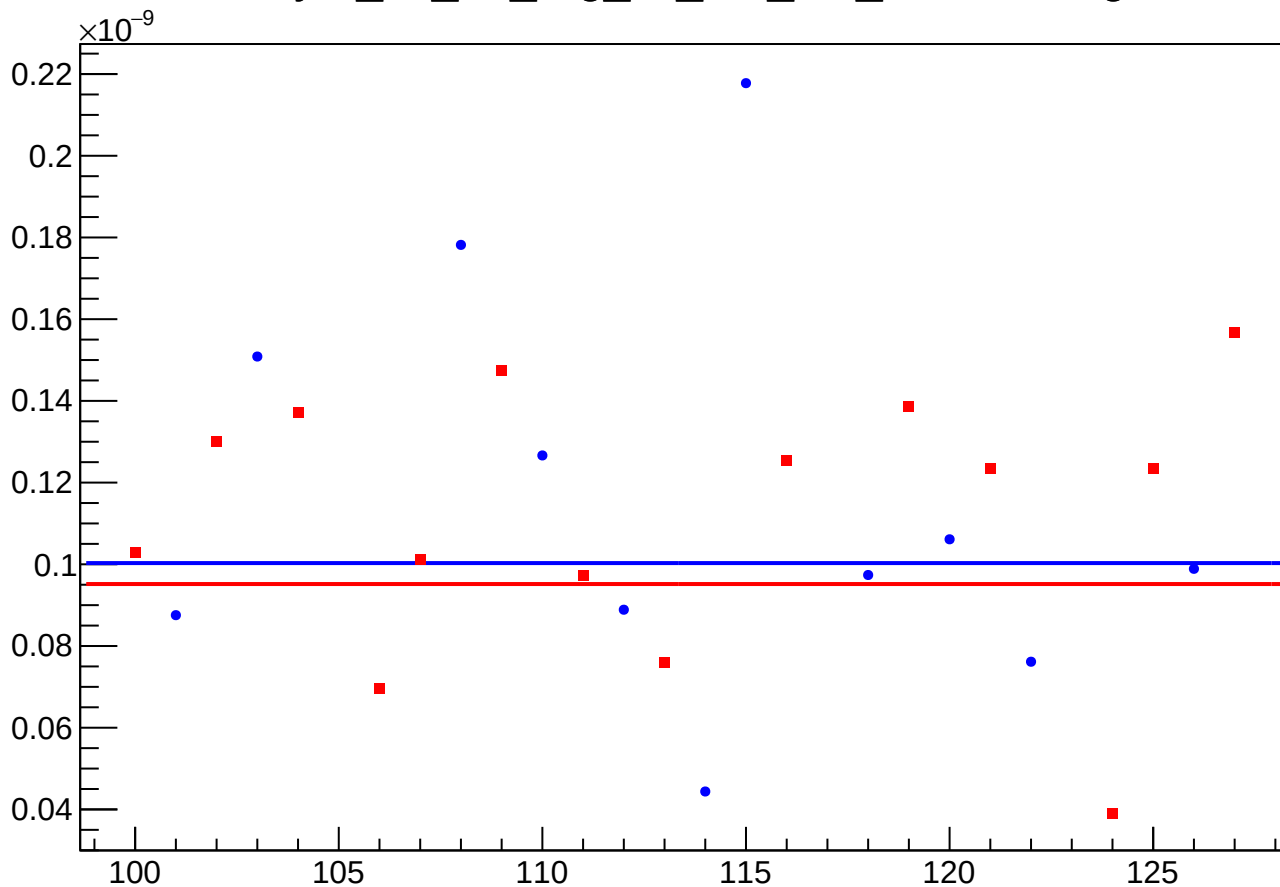
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 33.3/24

- 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 $\pm$ 0.000 χ^2/NDF : 291844.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 617497.6/13

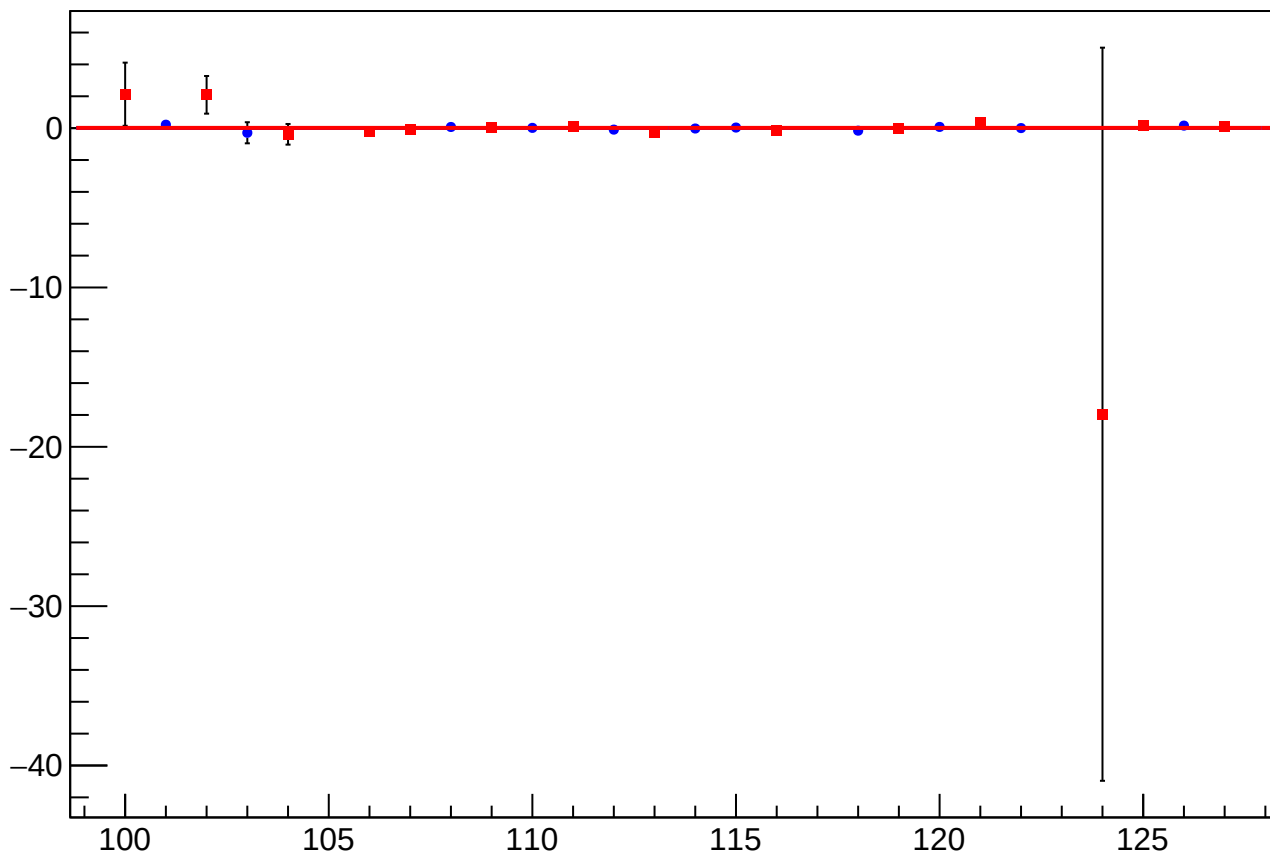
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 914716.4/24

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_atl_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.009 $\pm$ 0.051 χ^2 /NDF: 4.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.015 $\pm$ 0.047 χ^2 /NDF: 19.4/13

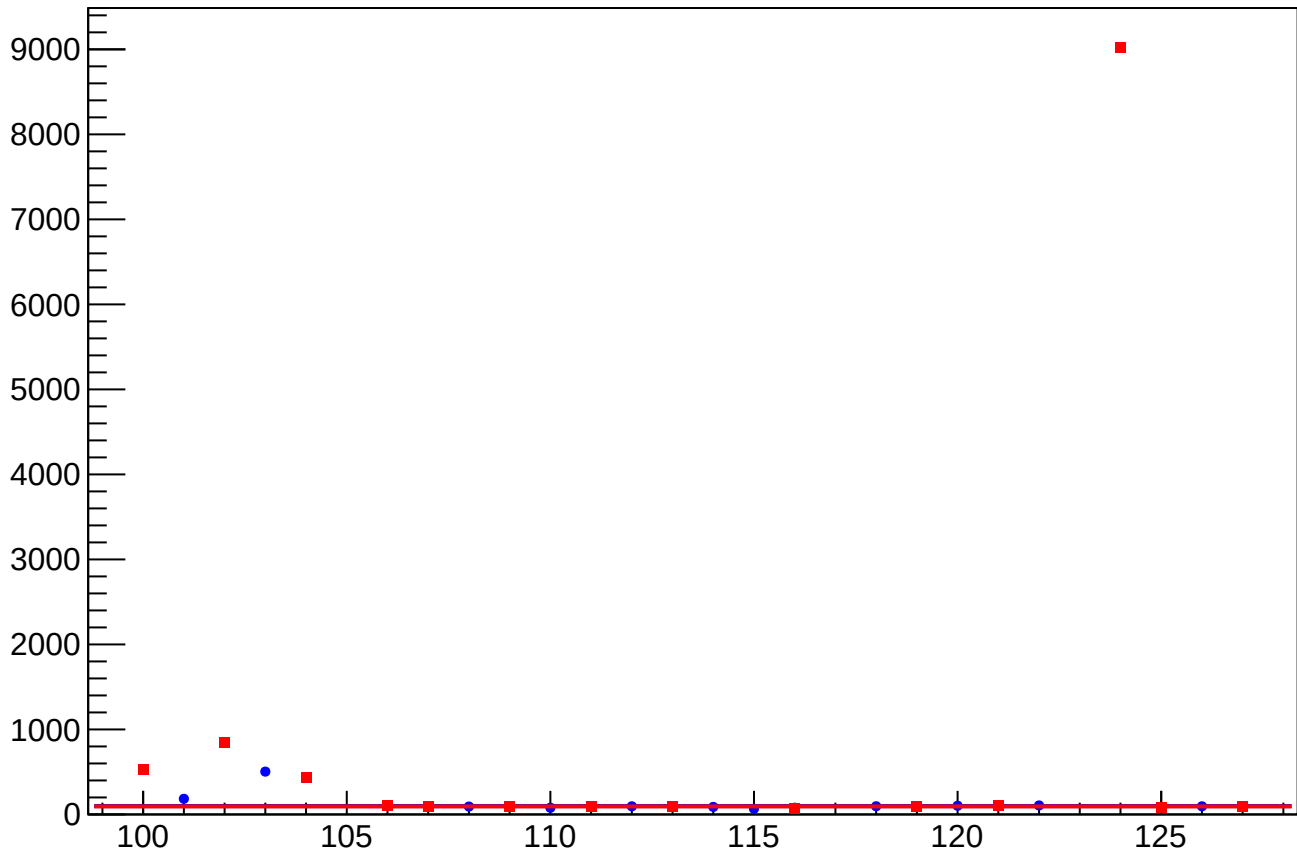
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.013 $\pm$ 0.035 χ^2 /NDF: 23.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_dit_vs_cor_diff_rms vs Slug



Right In: 98.574+/-0.036 χ^2/NDF : 1128596.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.405+/-0.033 χ^2/NDF : 1816071.2/13

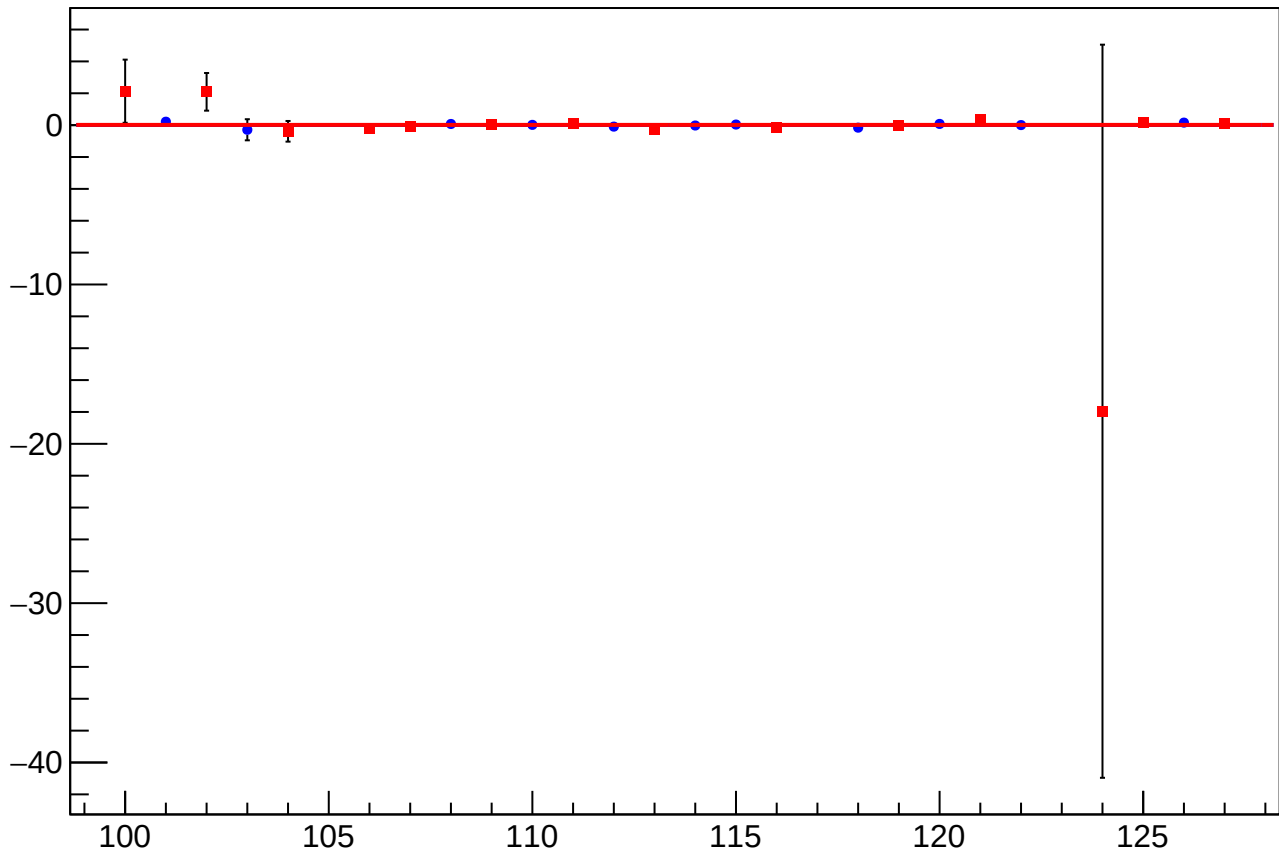
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.309+/-0.025 χ^2/NDF : 2951841.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.009 $\pm$ 0.051 χ^2 /NDF: 4.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.015 $\pm$ 0.047 χ^2 /NDF: 19.4/13

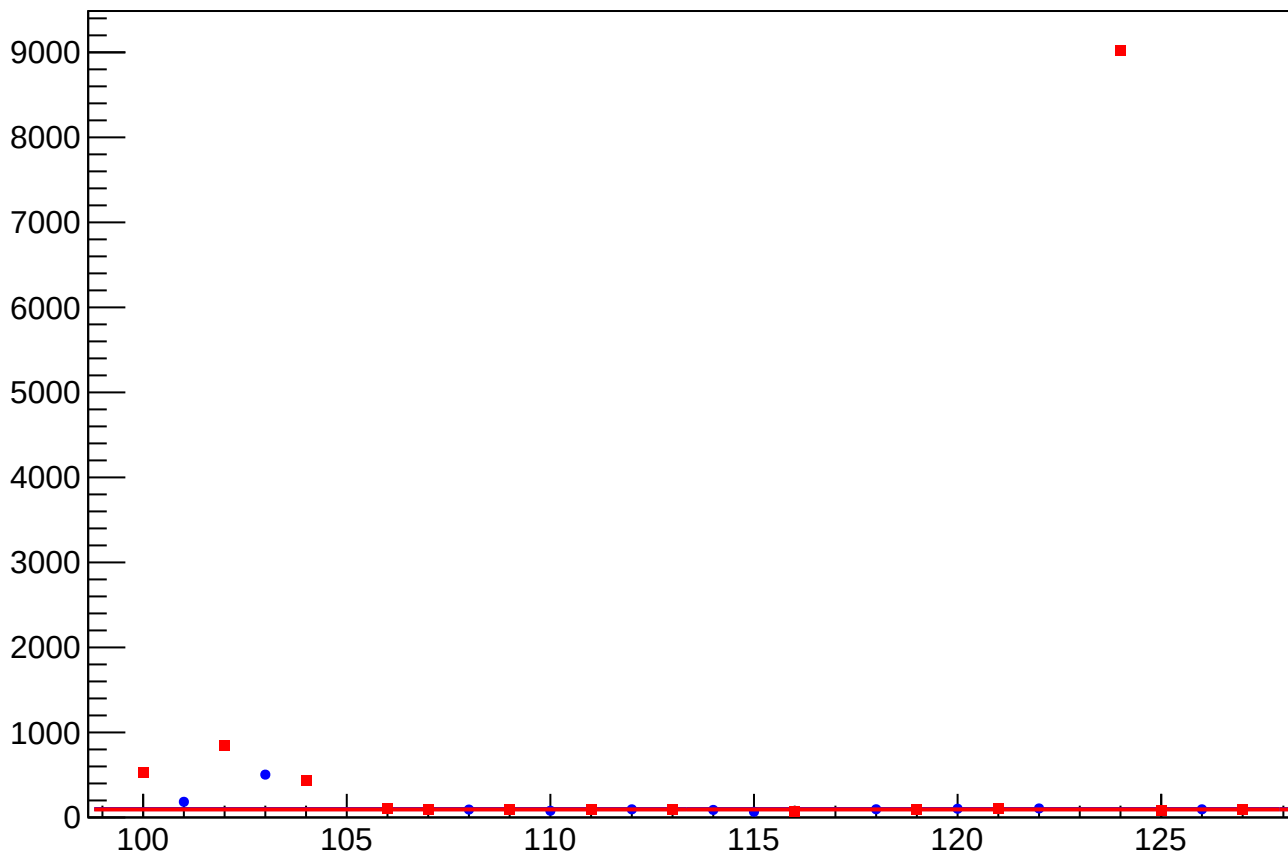
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.013 $\pm$ 0.035 χ^2 /NDF: 23.8/24

- 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: 98.574+/-0.036 χ^2/NDF : 1128596.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.405+/-0.033 χ^2/NDF : 1816071.2/13

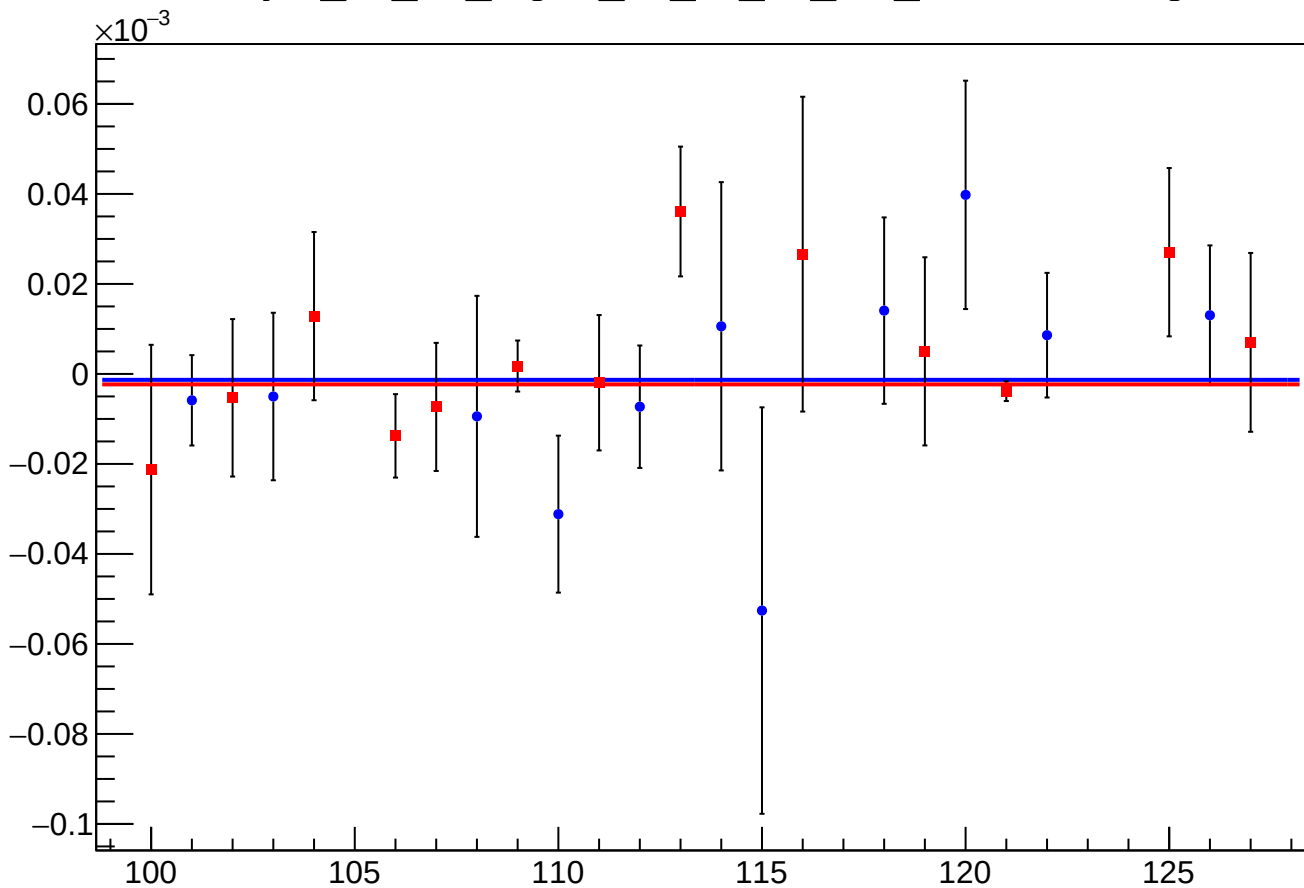
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.309+/-0.025 χ^2/NDF : 2951841.6/24

- 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 : 9.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.4/12

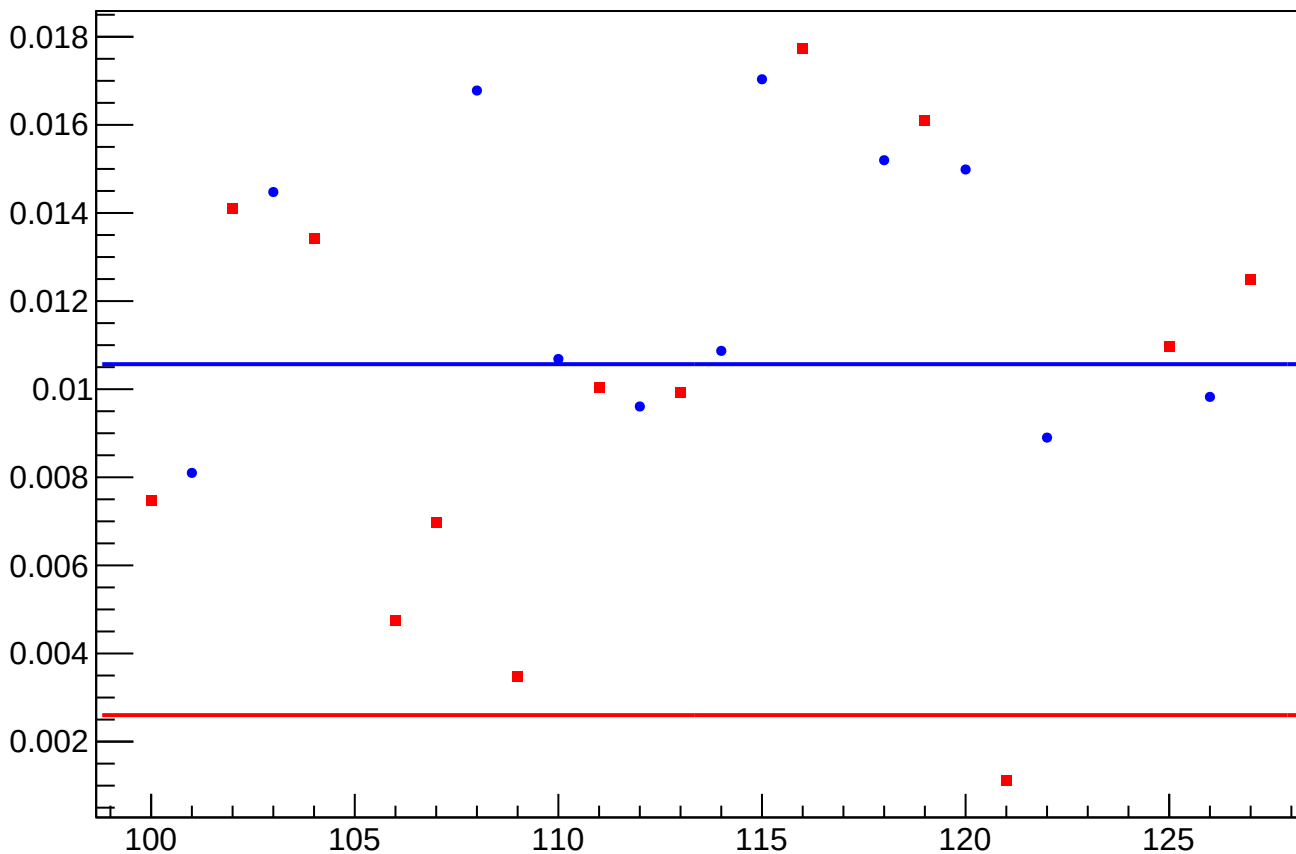
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.8/23

- 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 $\pm$ 0.000 χ^2 /NDF: 562093.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.000 χ^2 /NDF: 5970295.4/12

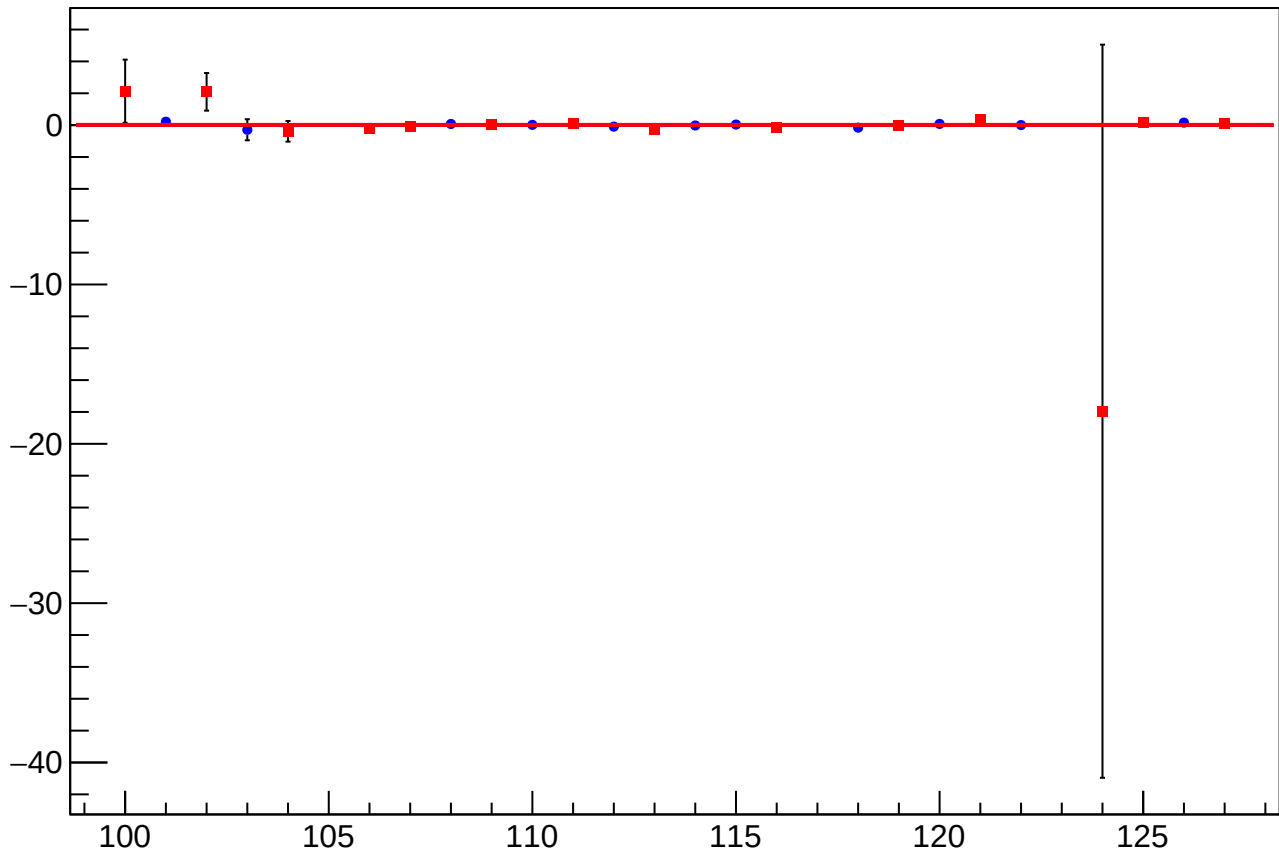
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.000 χ^2 /NDF: 10742299.0/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.009 $\pm$ 0.051 χ^2 /NDF: 4.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.015 $\pm$ 0.047 χ^2 /NDF: 19.4/13

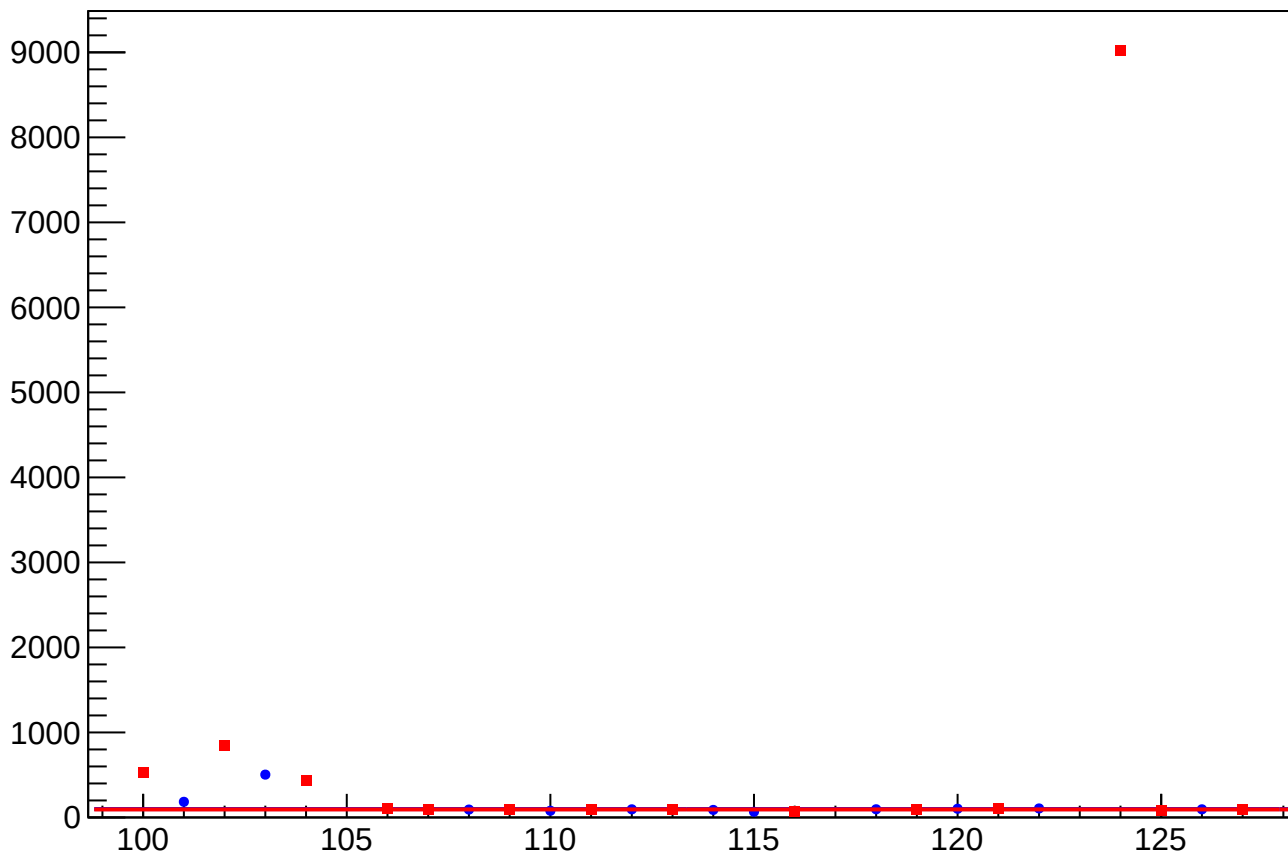
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.013 $\pm$ 0.035 χ^2 /NDF: 23.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 98.575+/-0.036 χ^2/NDF : 1128568.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.407+/-0.033 χ^2/NDF : 1816024.4/13

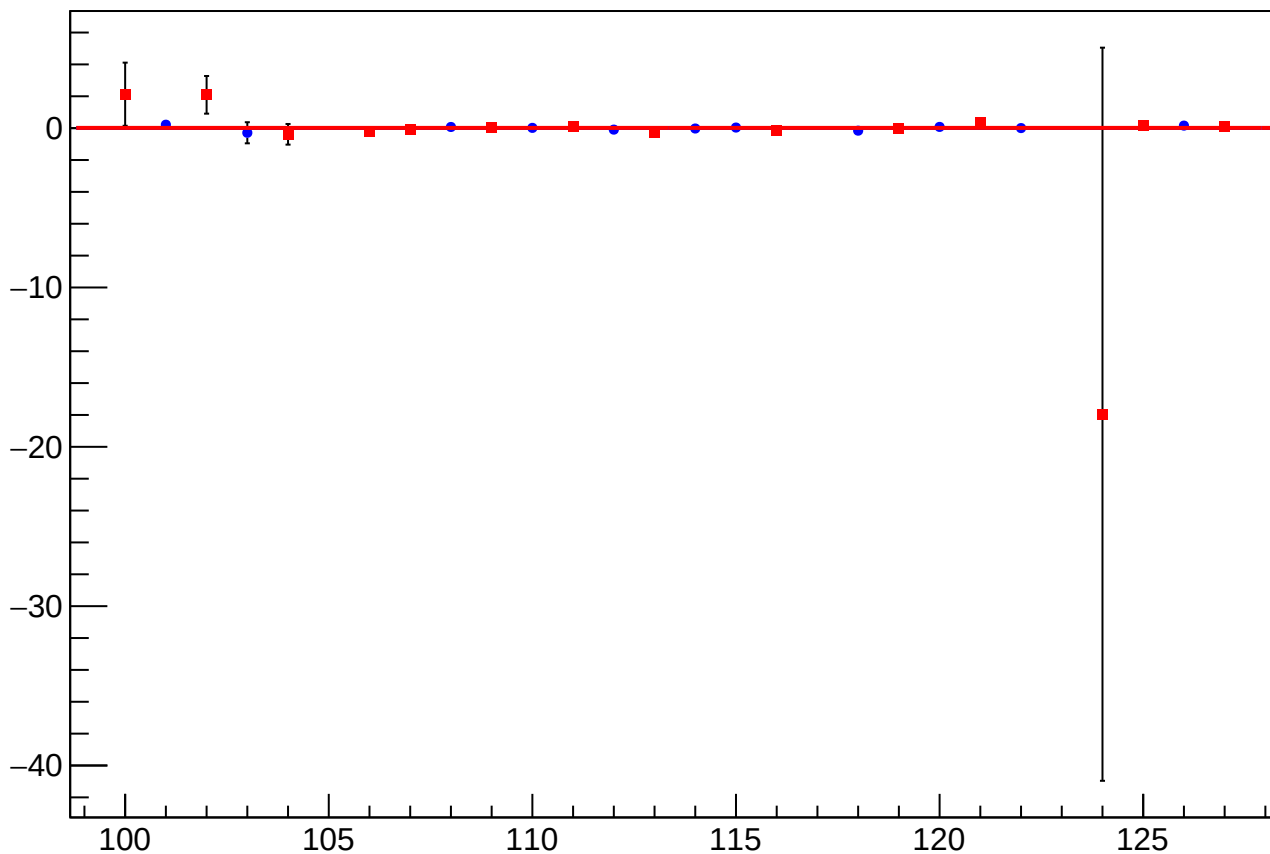
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.311+/-0.025 χ^2/NDF : 2951764.3/24

- 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: 0.009 $\pm$ 0.051 χ^2 /NDF: 4.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.015 $\pm$ 0.047 χ^2 /NDF: 19.4/13

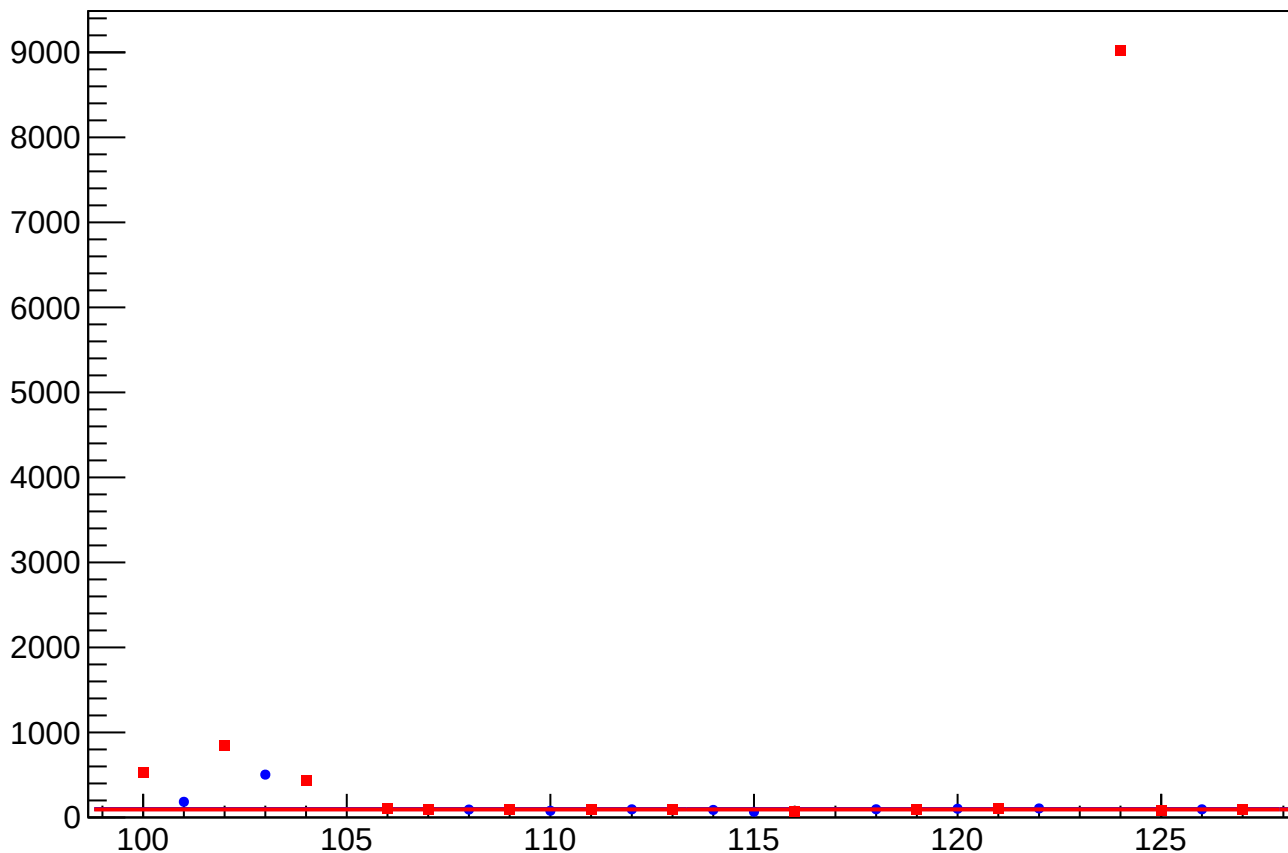
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.013 $\pm$ 0.035 χ^2 /NDF: 23.8/24

- 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: 98.575+/-0.036 χ^2/NDF : 1128568.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.407+/-0.033 χ^2/NDF : 1816024.4/13

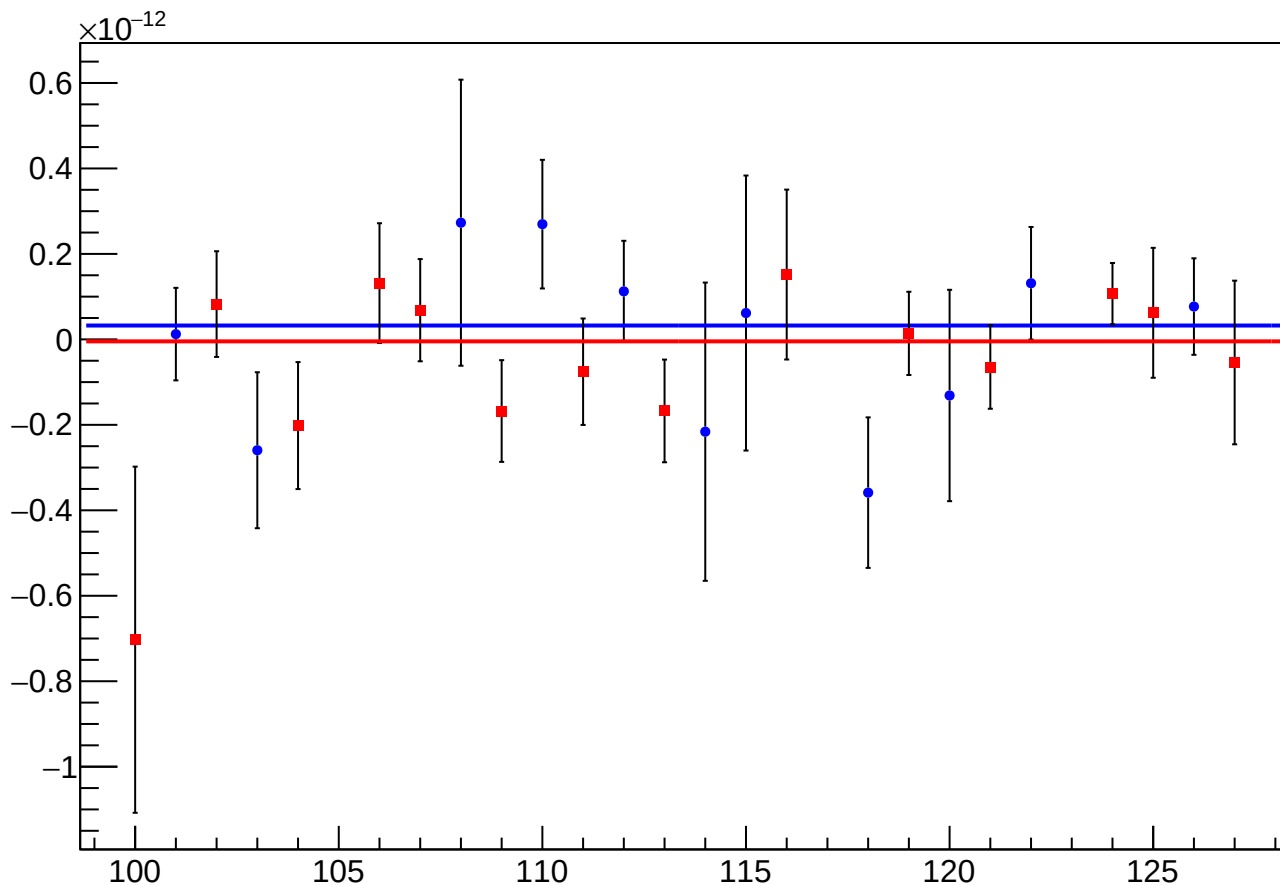
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.311+/-0.025 χ^2/NDF : 2951764.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 14.3/13

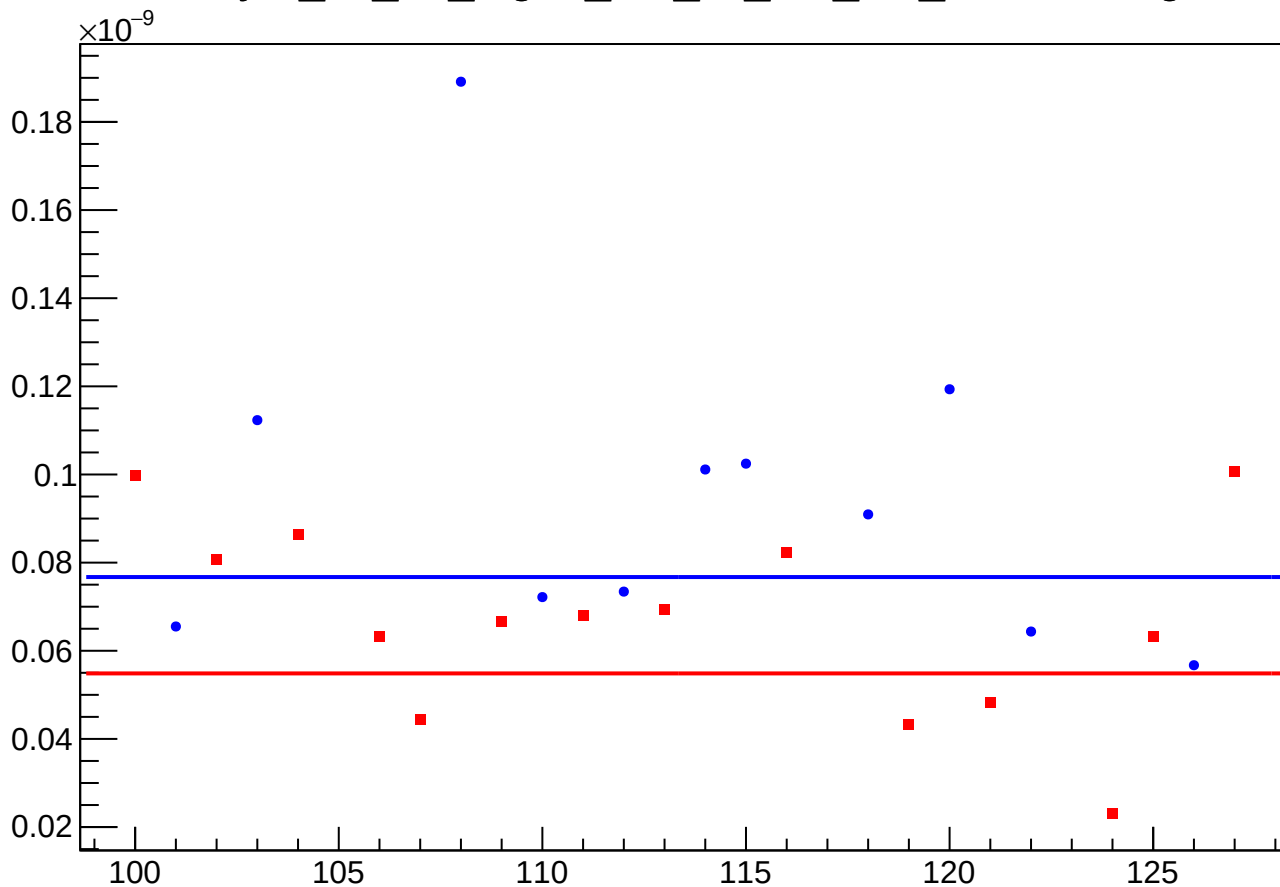
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 27.4/24

- sign 0.000 $\pm$ 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 : 501877.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 885827.9/13

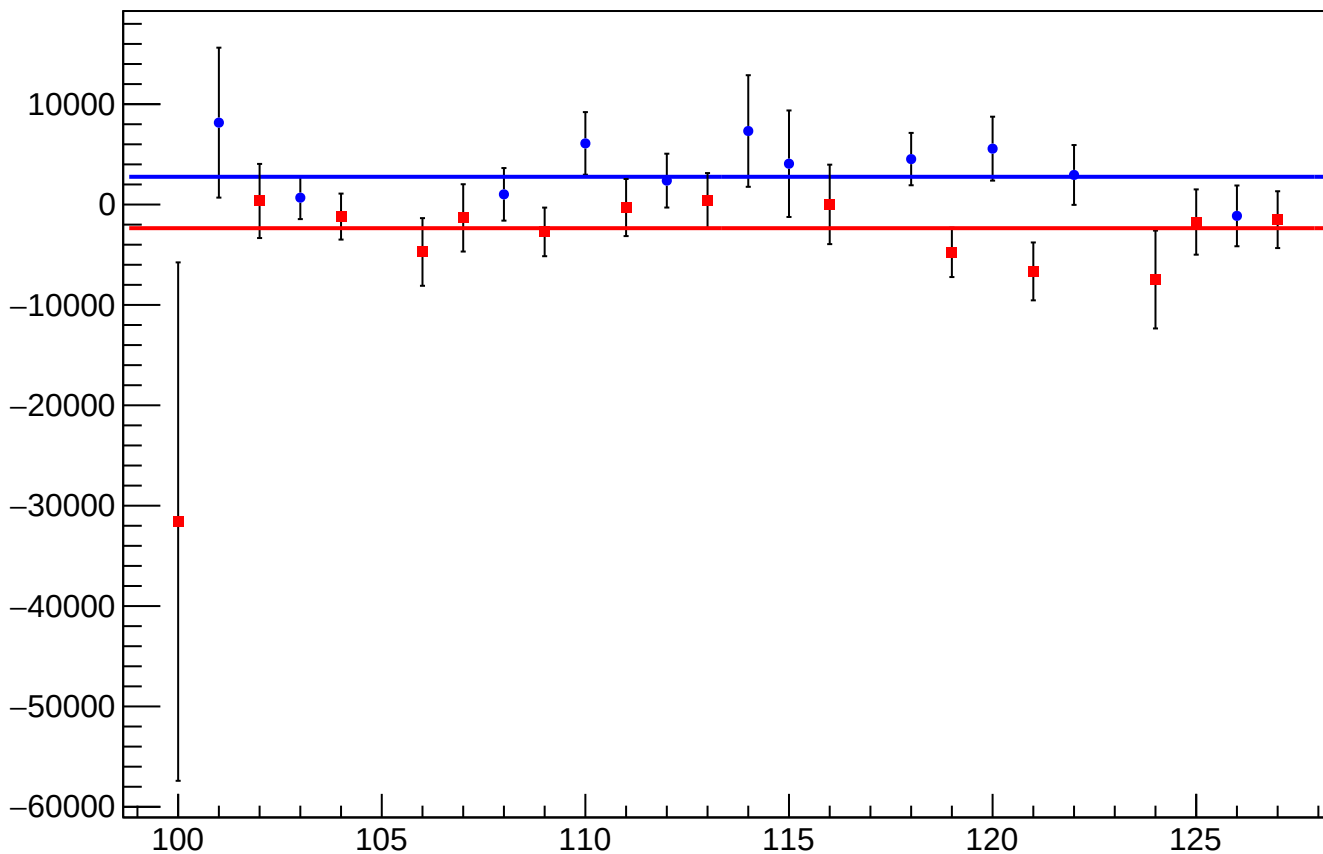
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1675536.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_avg_mean vs Slug



Right In: 2764.307+/-928.332 χ^2/NDF : 6.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2354.968+/-821.761 χ^2/NDF : 9.0/13

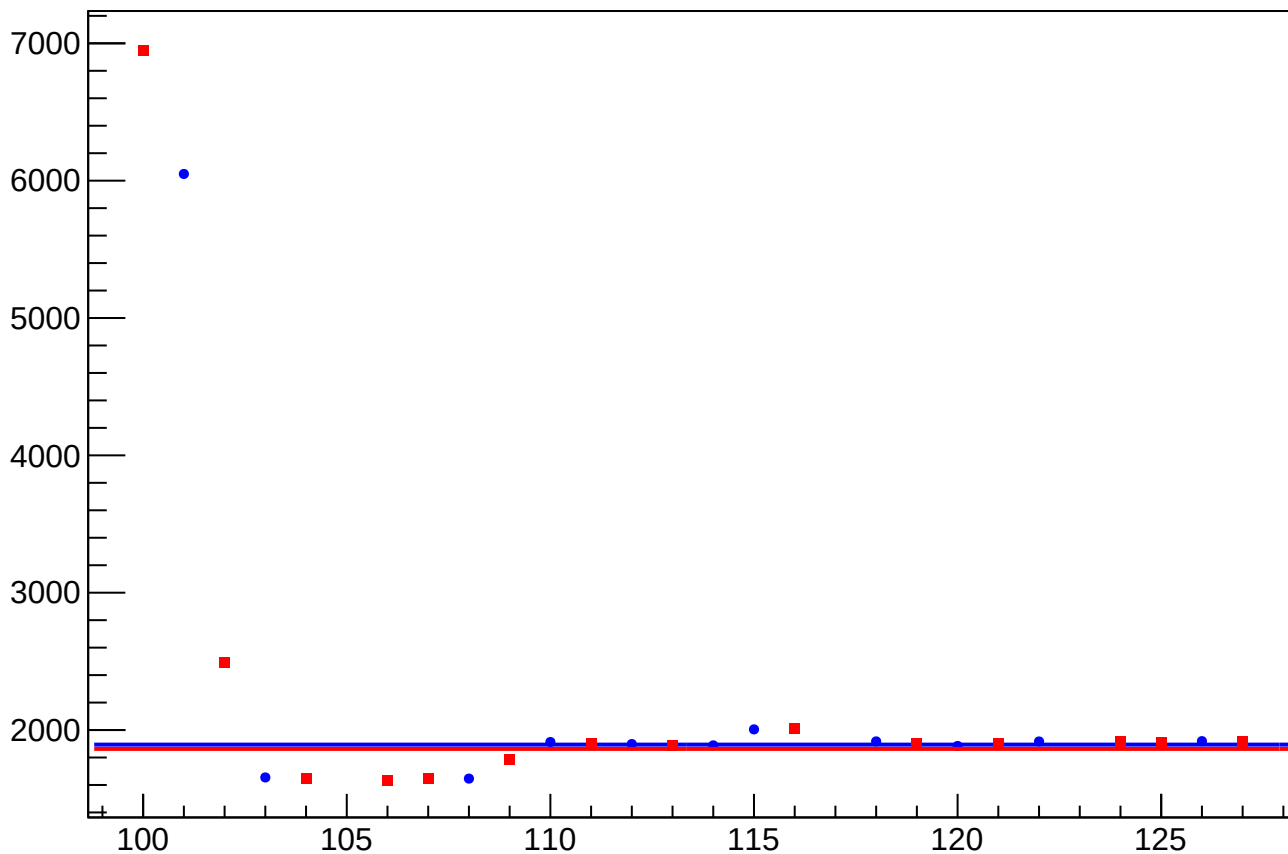
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -105.913+/-615.317 χ^2/NDF : 32.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_avg_rms vs Slug



Right In: 1893.862+/-0.656 χ^2/NDF : 663352.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1862.641+/-0.578 χ^2/NDF : 179328.4/13

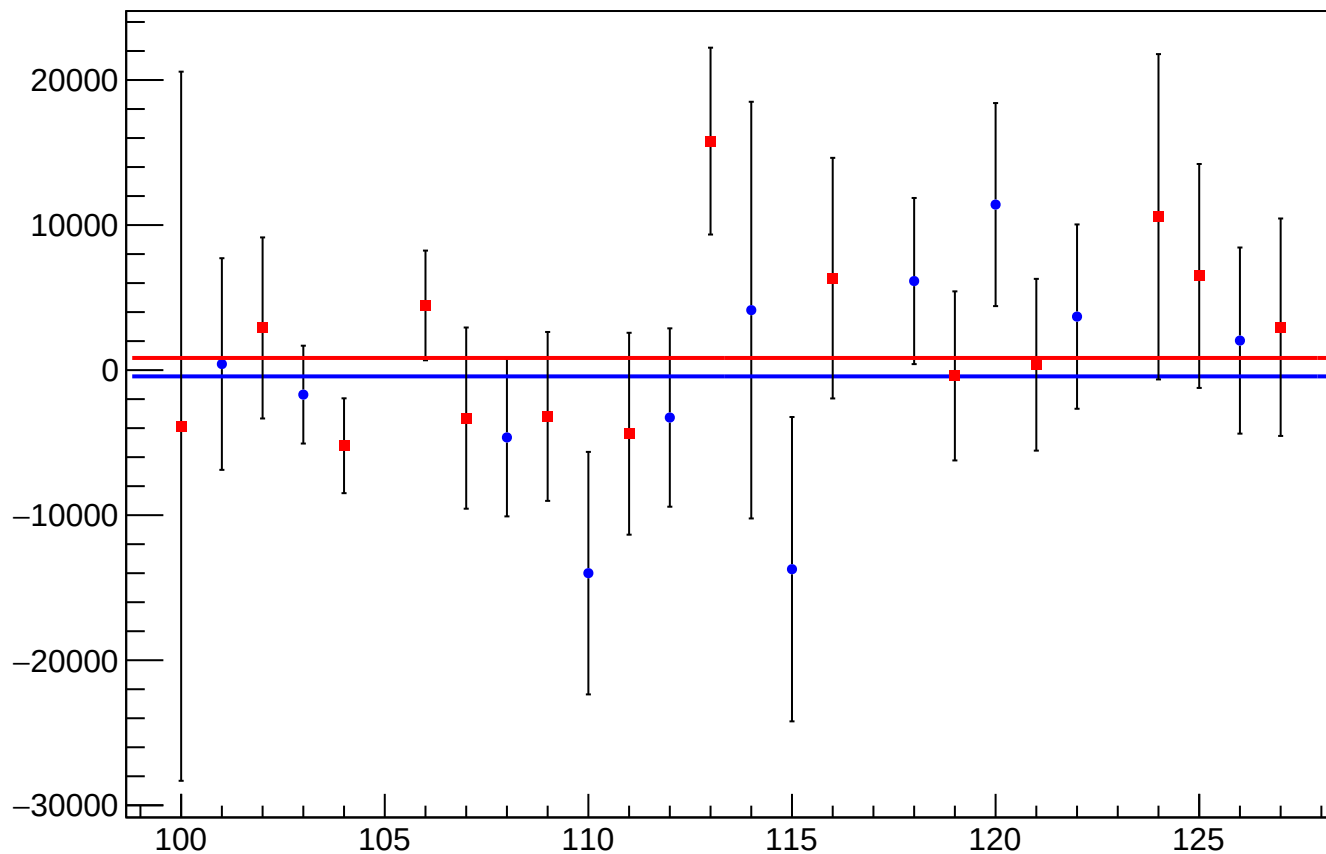
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1876.286+/-0.434 χ^2/NDF : 843954.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_reg_correction_mean vs Slug



Right In: -432.306+/-1840.816 χ^2/NDF : 10.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 837.973+/-1569.906 χ^2/NDF : 13.2/13

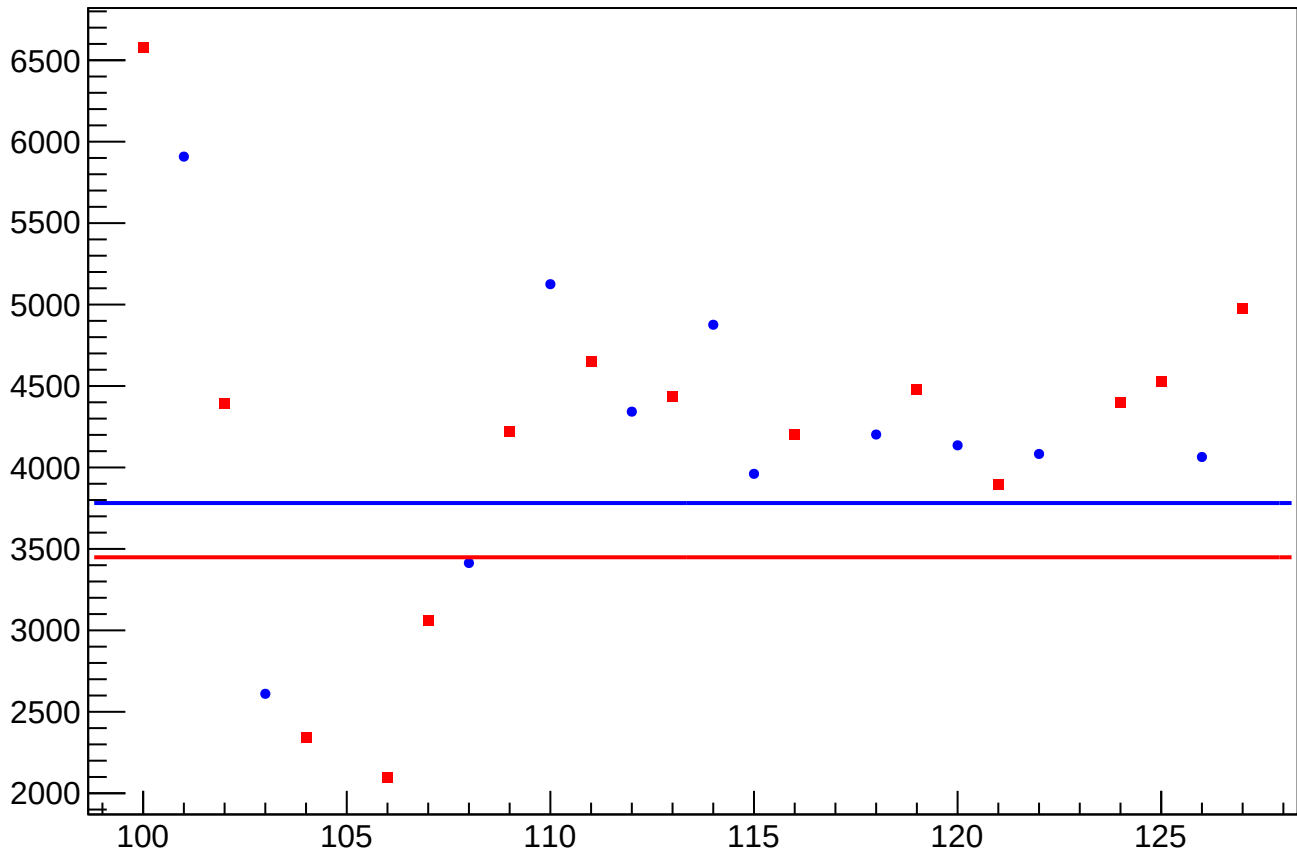
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 303.098+/-1194.502 χ^2/NDF : 23.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_reg_correction_rms vs Slug



Right In: 3781.594+/-1.302 χ^2/NDF : 524993.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3448.665+/-1.110 χ^2/NDF : 939648.2/13

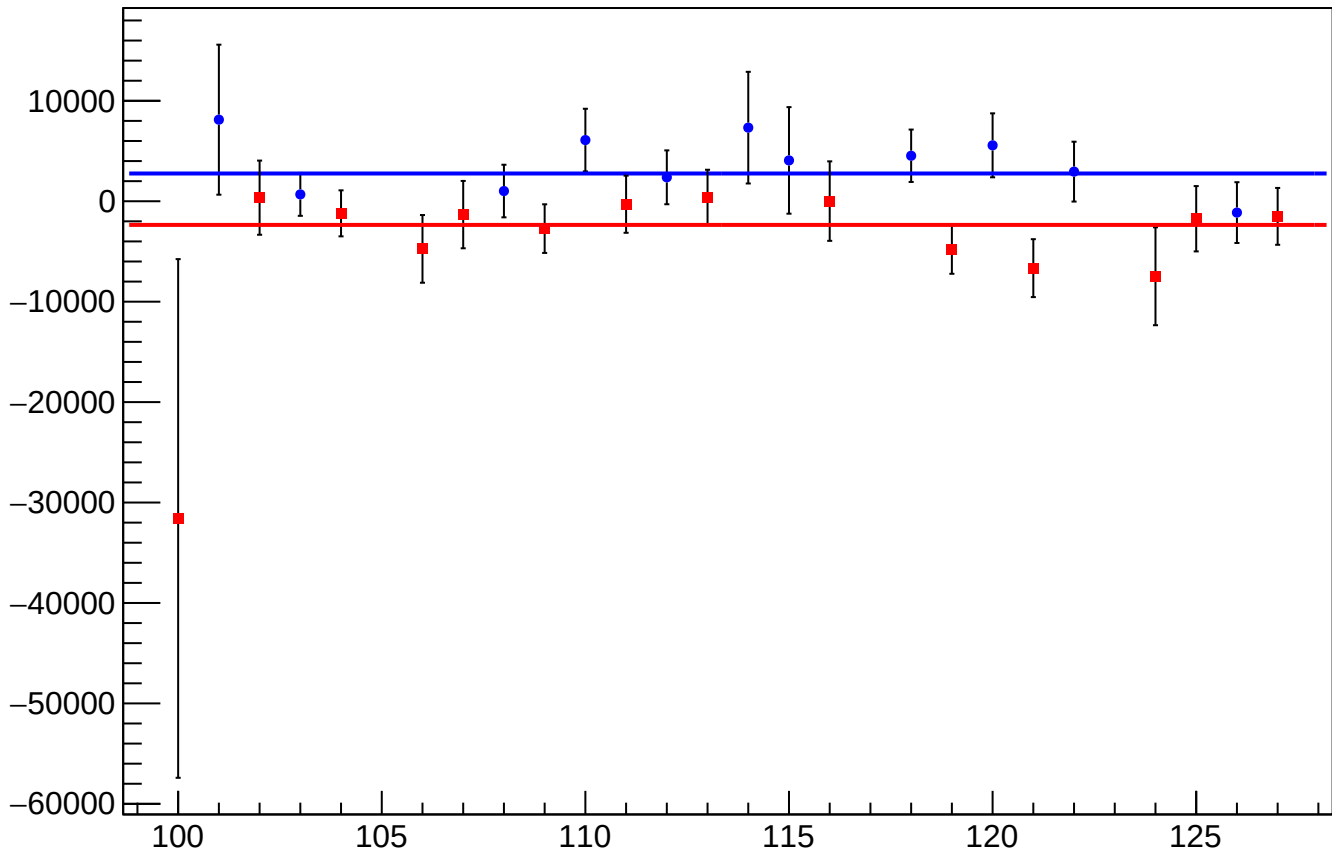
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3588.851+/-0.845 χ^2/NDF : 1502515.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atr_avg_mean vs Slug



Right In: 2763.273 $\pm$ 928.333 χ^2 /NDF: 6.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2356.569 $\pm$ 821.768 χ^2 /NDF: 9.0/13

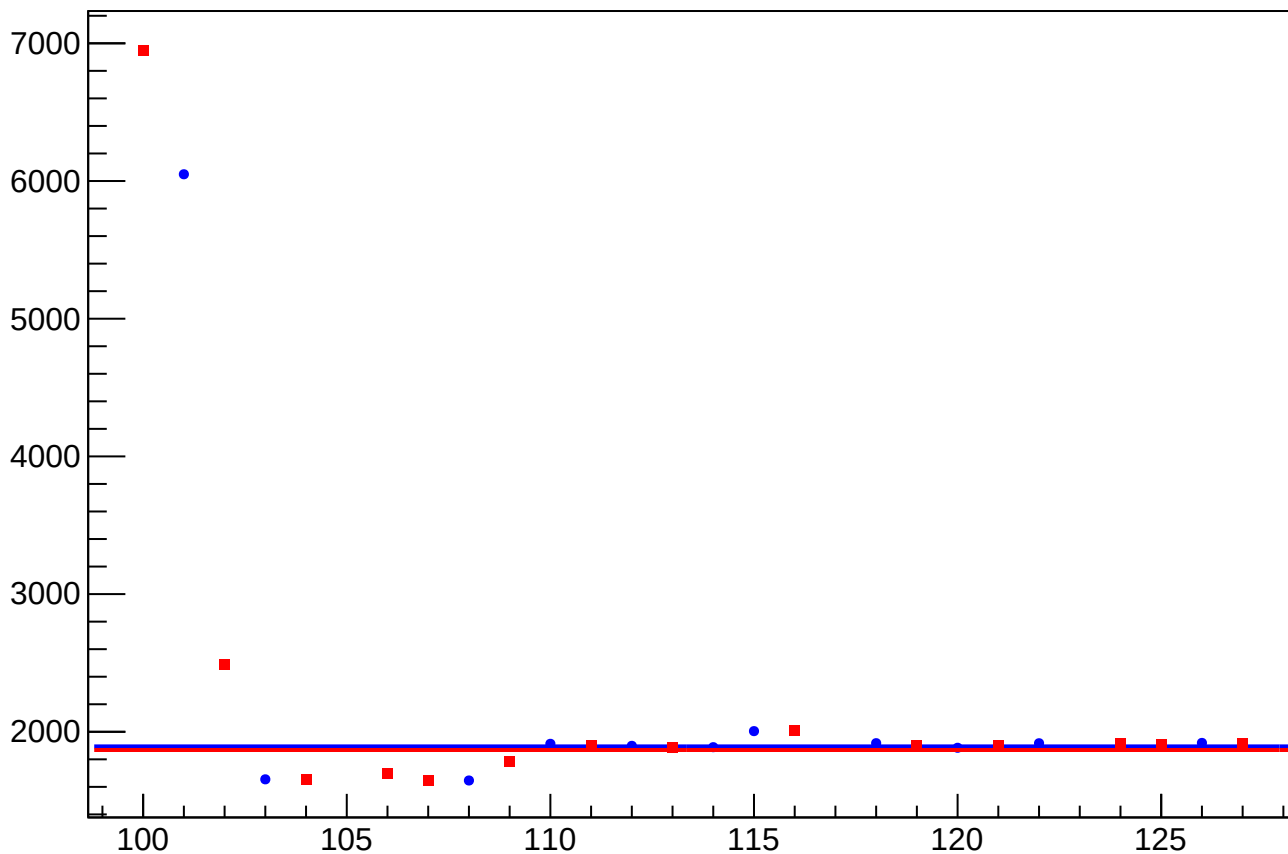
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -107.246 $\pm$ 615.320 χ^2 /NDF: 32.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atr_avg_rms vs Slug



Right In: 1893.862 $\pm$ 0.656 χ^2 /NDF: 663351.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1867.817 $\pm$ 0.580 χ^2 /NDF: 173716.2/13

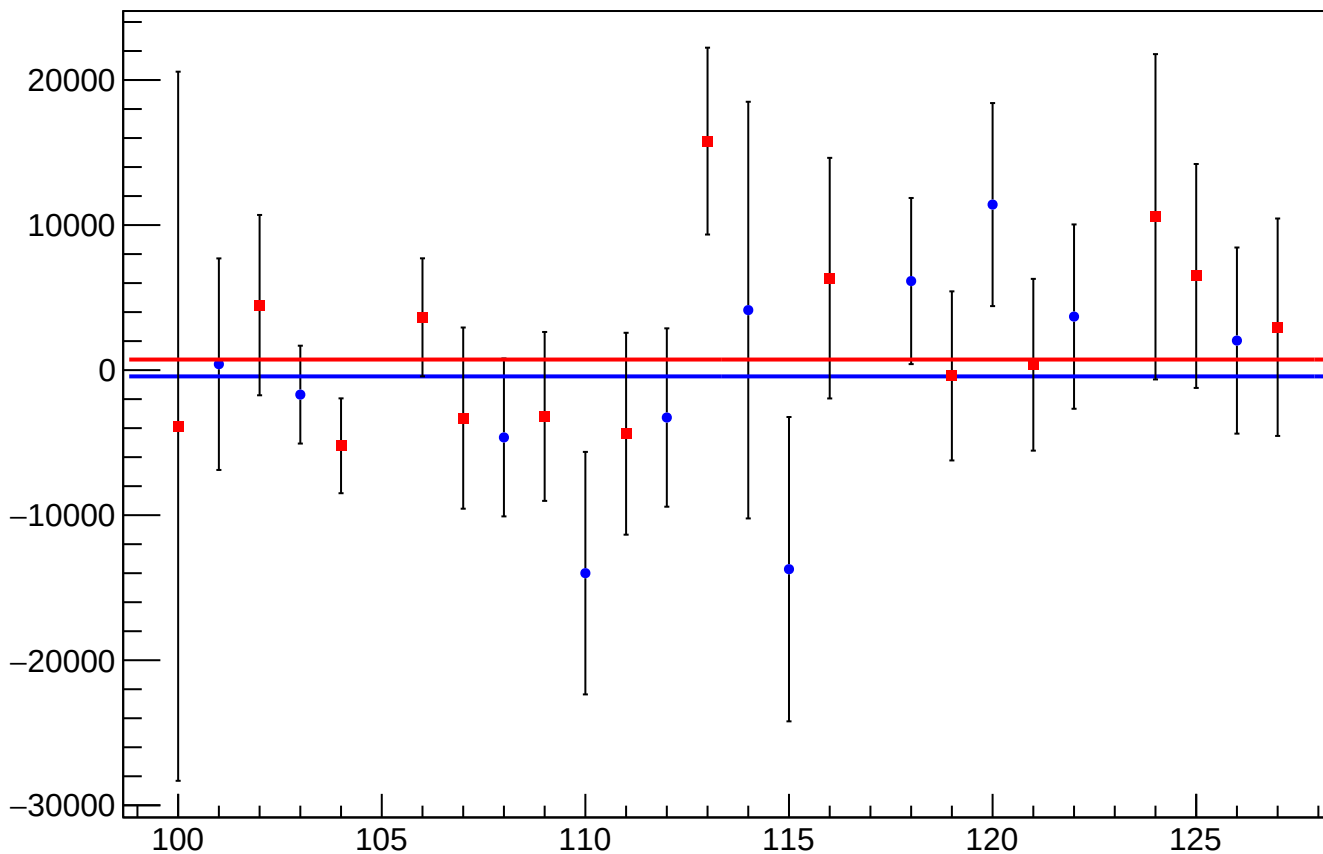
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1879.233 $\pm$ 0.435 χ^2 /NDF: 837952.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_cor_correction_mean vs Slug



Right In: -432.777+/-1840.821 χ^2/NDF : 10.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 729.385+/-1588.280 χ^2/NDF : 13.0/13

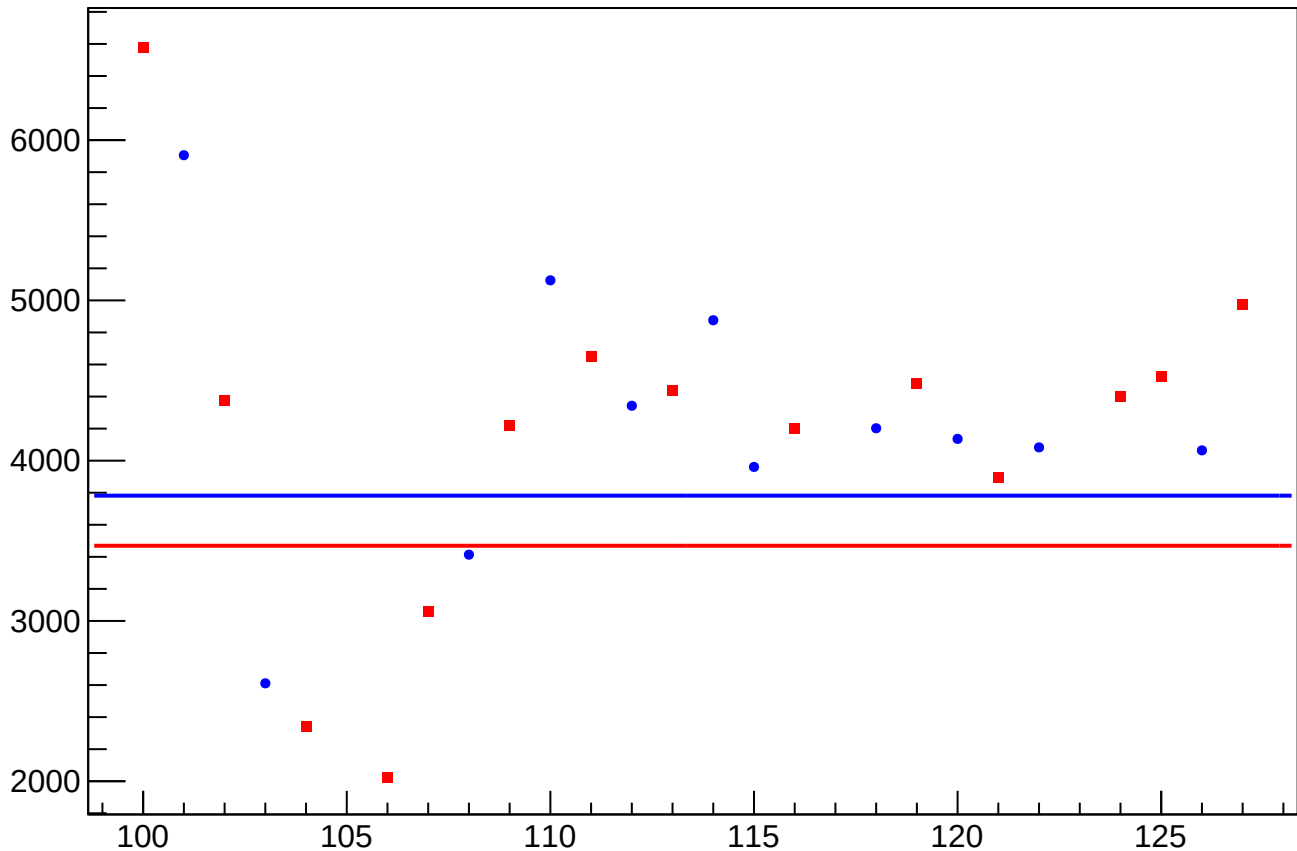
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 233.431+/-1202.538 χ^2/NDF : 23.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_cor_correction_rms vs Slug



Right In: 3781.719+/-1.302 χ^2/NDF : 524540.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3469.169+/-1.123 χ^2/NDF : 927300.8/13

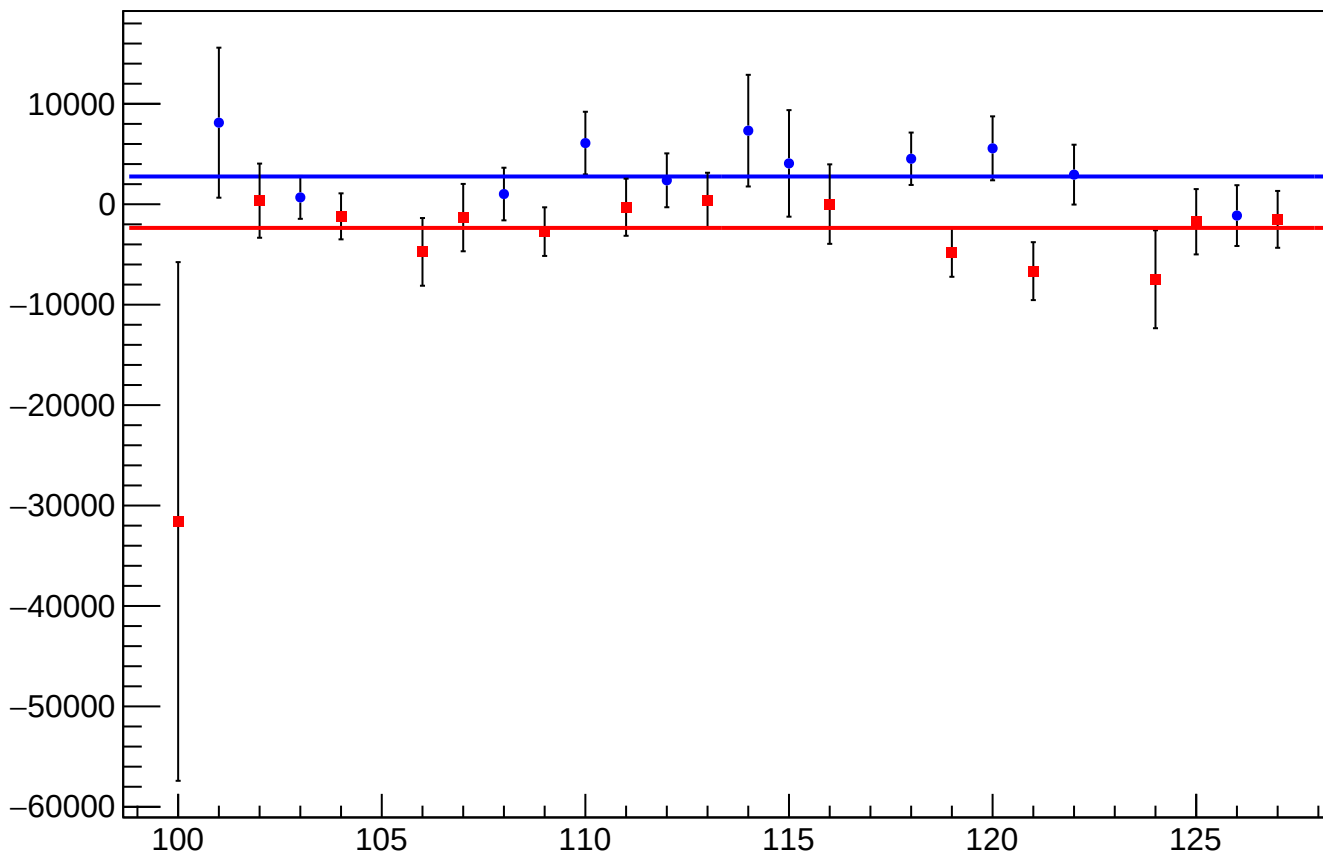
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3602.550+/-0.850 χ^2/NDF : 1484892.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr_avg_mean vs Slug



Right In: 2763.273 $\pm$ 928.333 χ^2 /NDF: 6.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2356.569 $\pm$ 821.768 χ^2 /NDF: 9.0/13

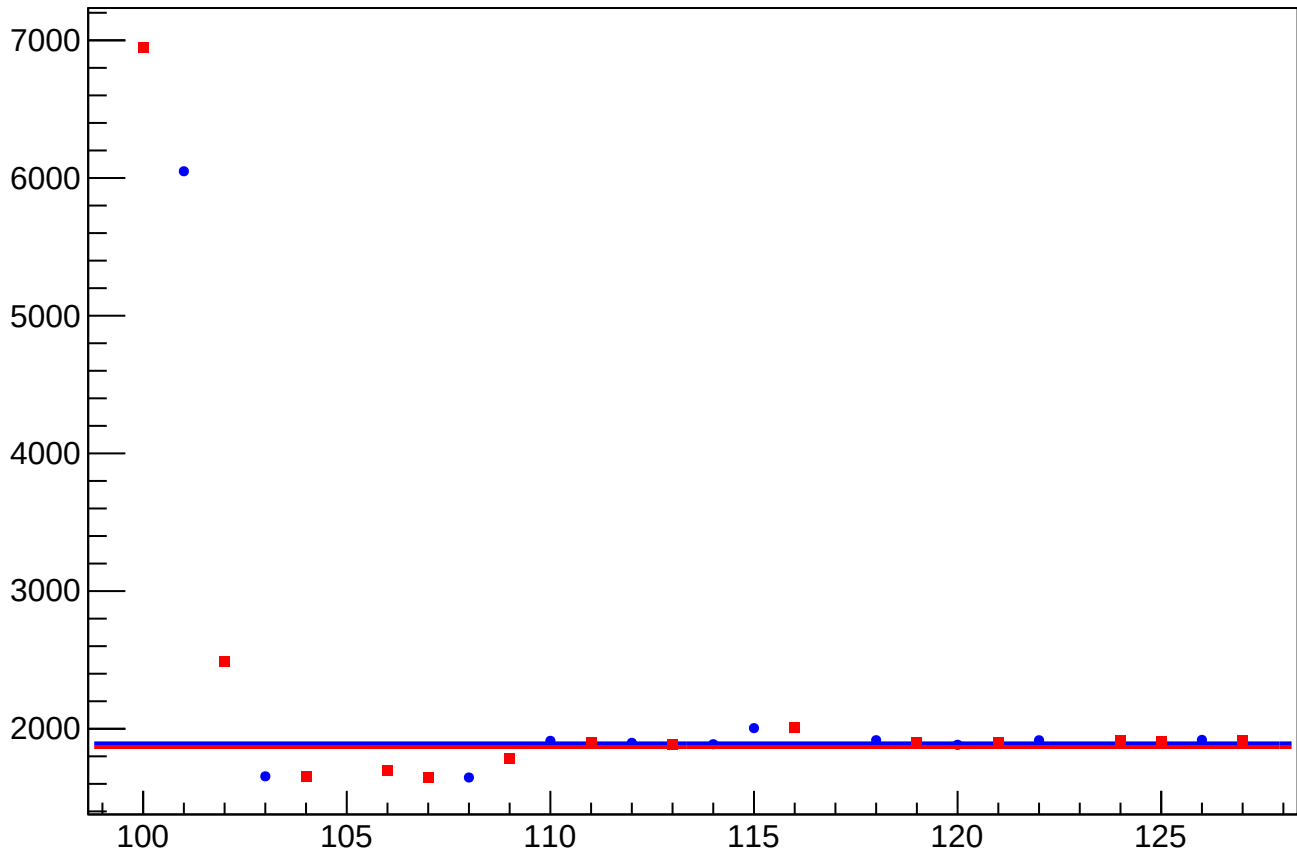
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -107.246 $\pm$ 615.320 χ^2 /NDF: 32.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atr_avg_rms vs Slug



Right In: 1893.862 $\pm$ 0.656 χ^2 /NDF: 663351.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1867.817 $\pm$ 0.580 χ^2 /NDF: 173716.2/13

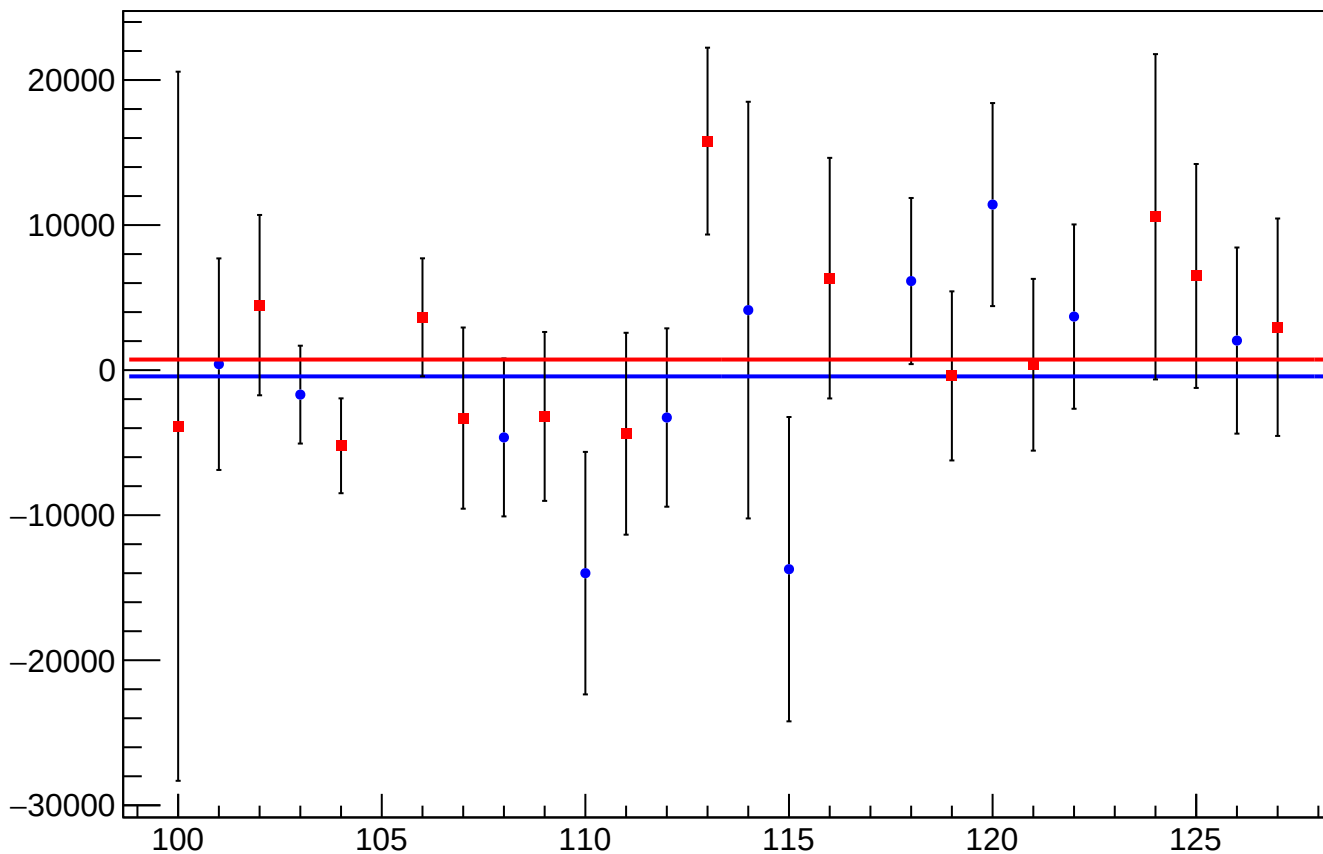
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1879.233 $\pm$ 0.435 χ^2 /NDF: 837952.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_eigen_cor_correction_mean vs Slug



Right In: -432.777+/-1840.821 χ^2/NDF : 10.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 729.385+/-1588.280 χ^2/NDF : 13.0/13

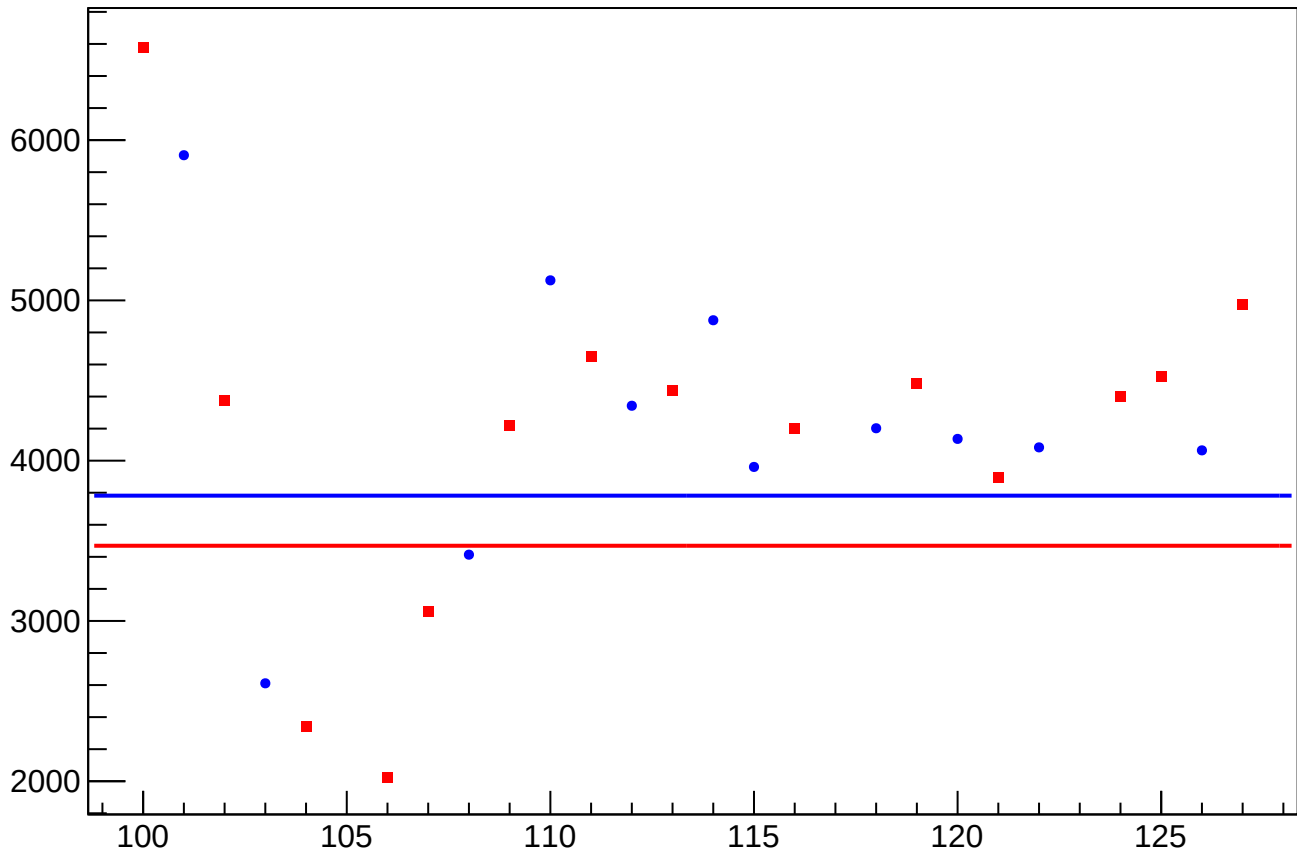
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 233.431+/-1202.538 χ^2/NDF : 23.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_cor_correction_rms vs Slug



Right In: 3781.719+/-1.302 χ^2/NDF : 524540.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

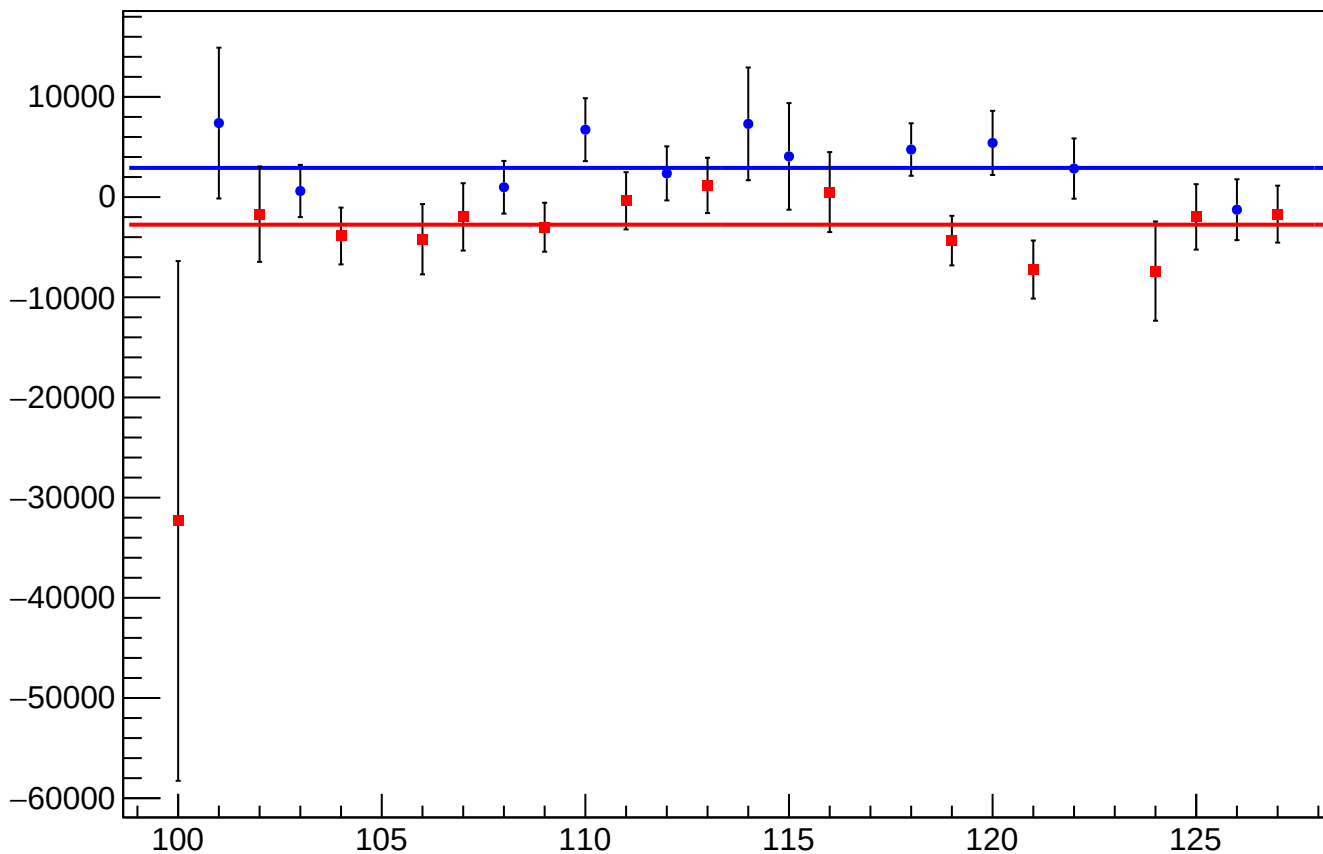
Right Out: 3469.169+/-1.123 χ^2/NDF : 927300.8/13

All: 3602.550+/-0.850 χ^2/NDF : 1484892.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr_avg_mean vs Slug



Right In: 2914.373 $\pm$ 963.545 χ^2 /NDF: 6.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2752.832 $\pm$ 856.155 χ^2 /NDF: 9.0/13

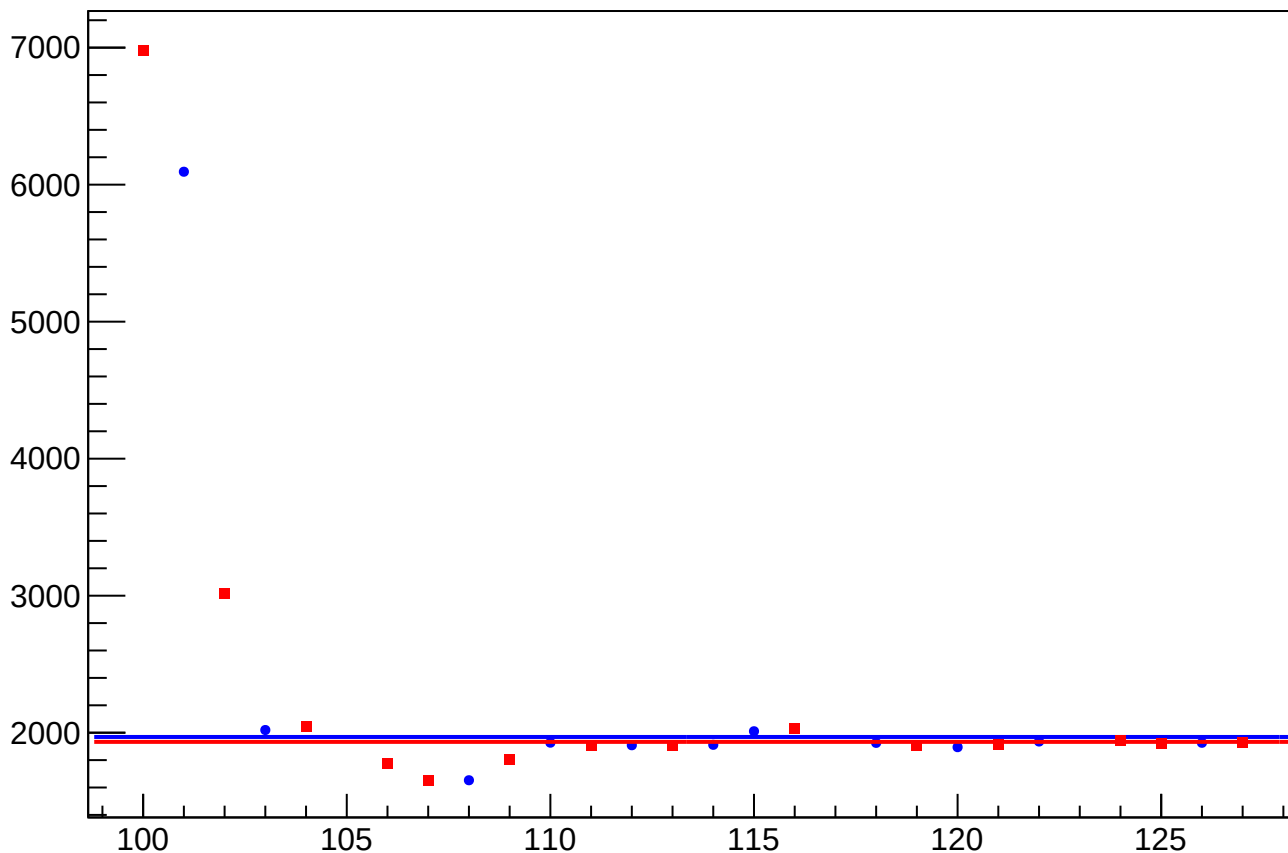
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -252.522 $\pm$ 640.007 χ^2 /NDF: 35.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atr_avg_rms vs Slug



Right In: 1968.914+/-0.681 χ^2/NDF : 634256.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1933.128+/-0.605 χ^2/NDF : 208679.0/13

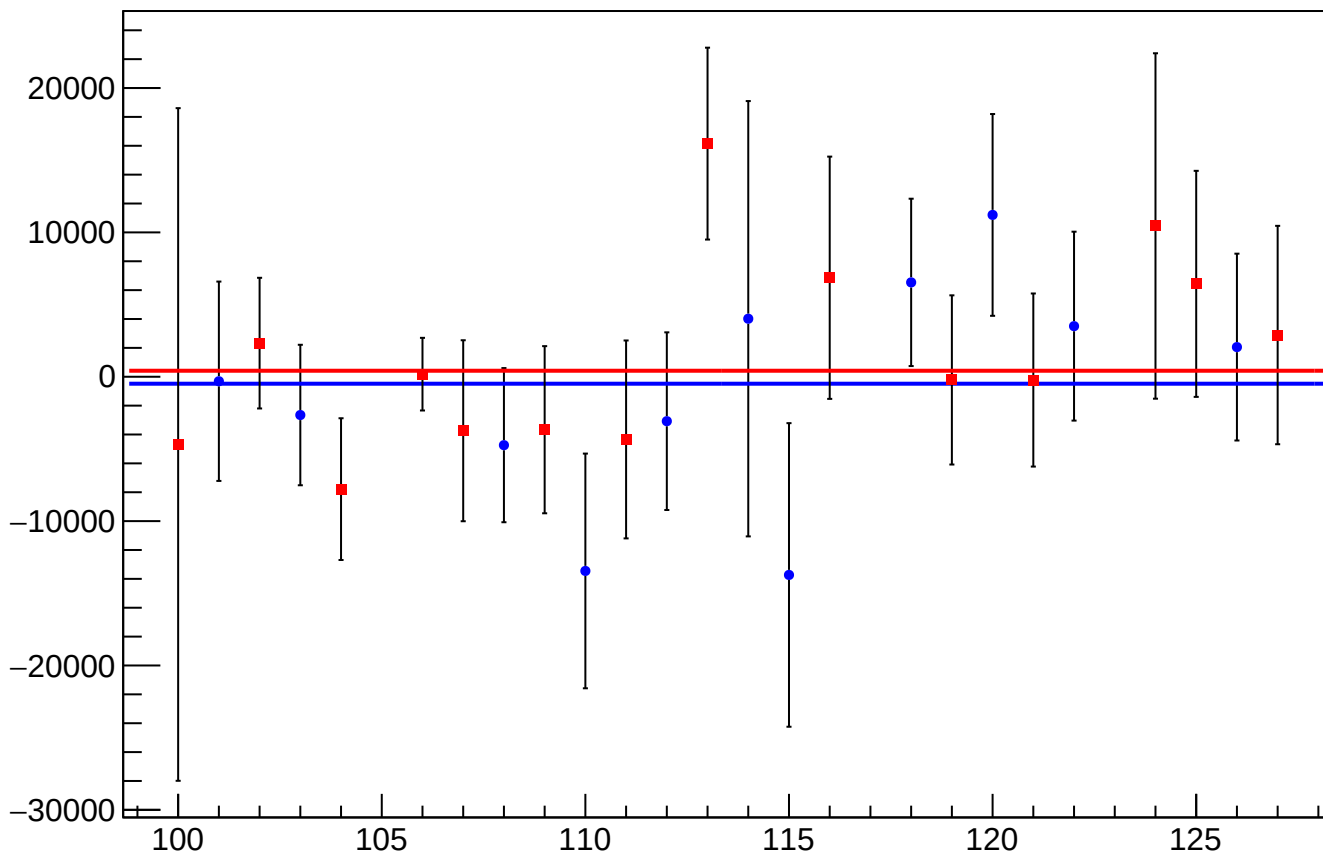
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1948.896+/-0.452 χ^2/NDF : 844479.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_dit_correction_mean vs Slug



Right In: -482.278+/-1996.913 χ^2/NDF : 10.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 416.518+/-1472.456 χ^2/NDF : 12.1/13

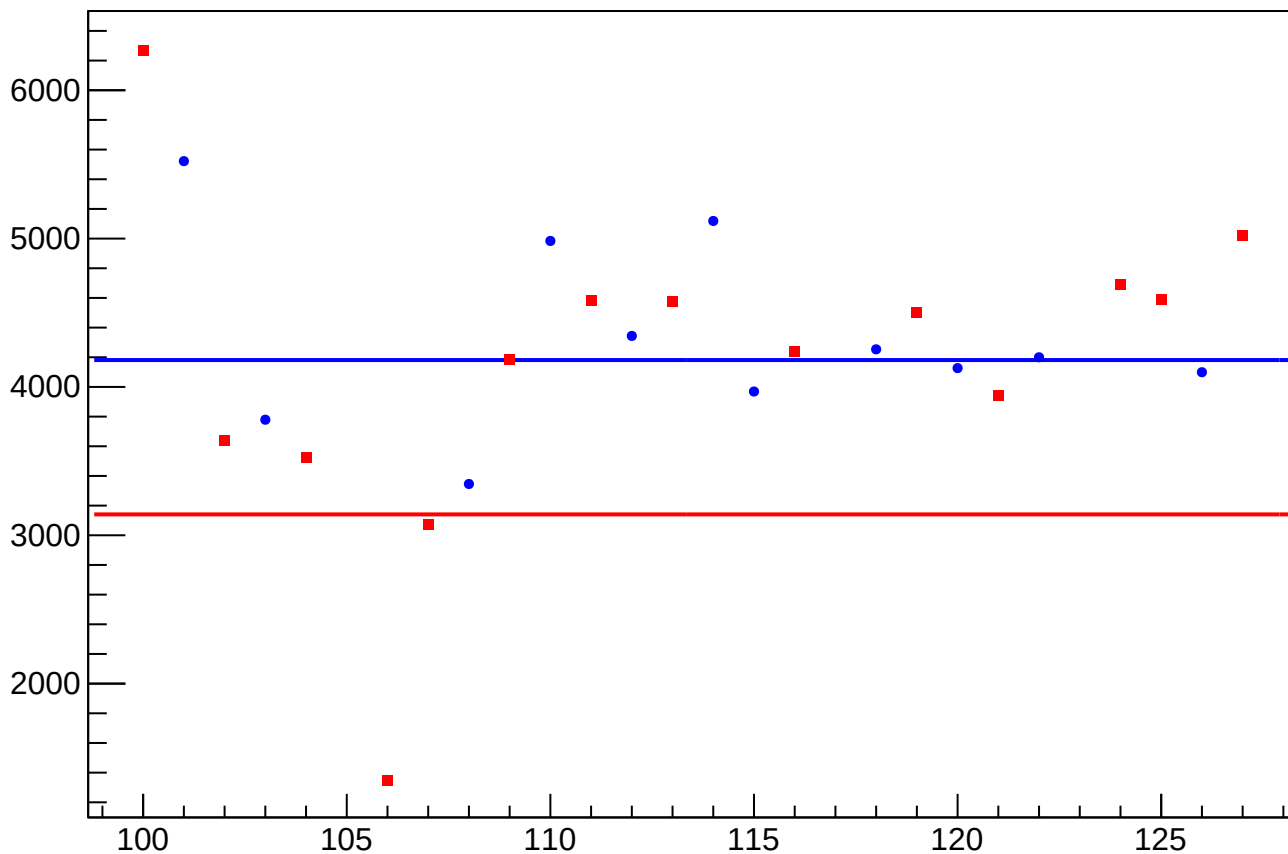
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.954+/-1185.113 χ^2/NDF : 22.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_dit_correction_rms vs Slug



Right In: 4181.271+/-1.412 χ^2/NDF : 168288.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3140.708+/-1.041 χ^2/NDF : 1739416.5/13

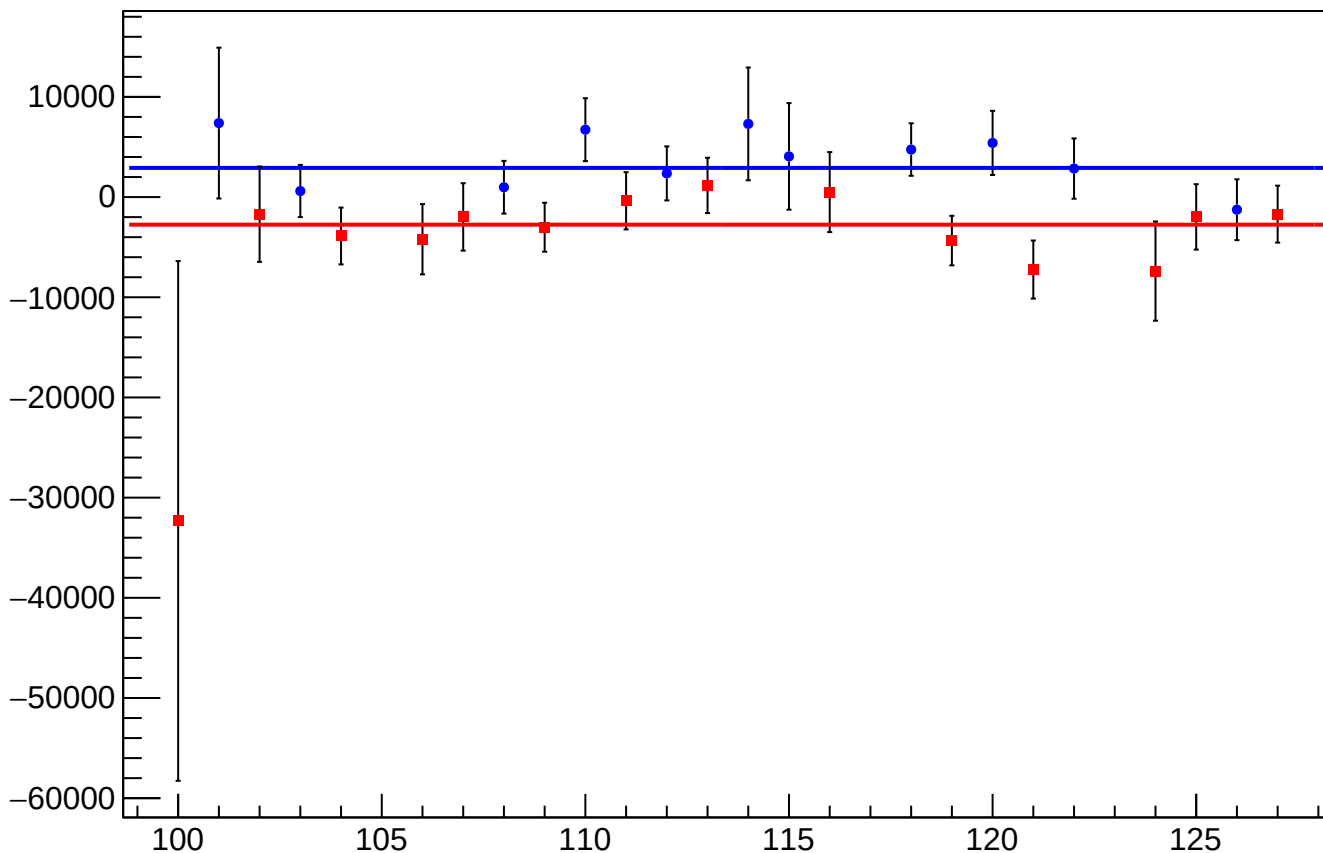
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3507.204+/-0.838 χ^2/NDF : 2259494.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr_avg_mean vs Slug



Right In: 2914.368+/-963.545 χ^2/NDF : 6.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2752.838+/-856.154 χ^2/NDF : 9.0/13

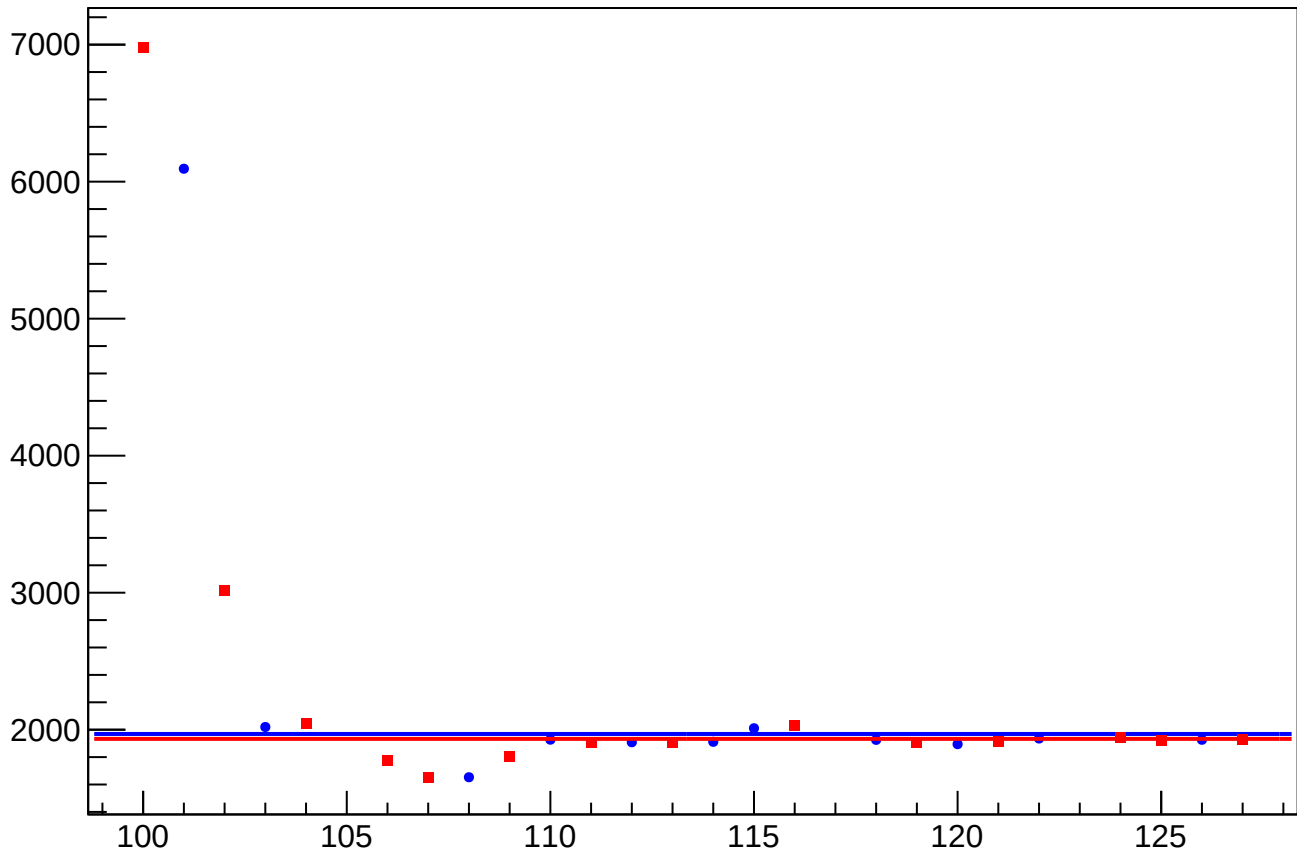
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -252.528+/-640.007 χ^2/NDF : 35.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr_avg_rms vs Slug



Right In: 1968.913+/-0.681 χ^2/NDF : 634256.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1933.128+/-0.605 χ^2/NDF : 208678.6/13

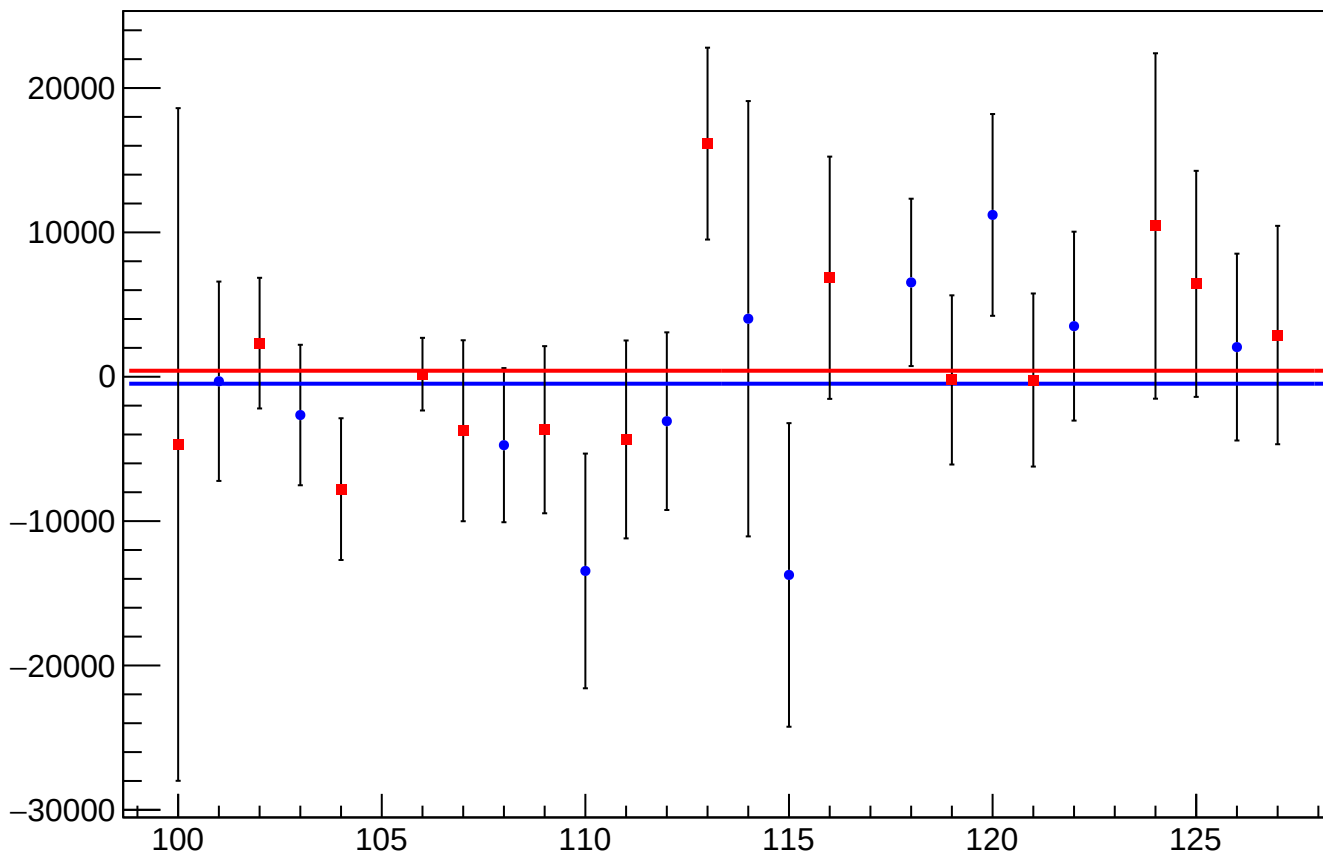
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1948.895+/-0.452 χ^2/NDF : 844478.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_dit_correction_mean vs Slug



Right In: -482.268+/-1996.909 χ^2/NDF : 10.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 416.519+/-1472.453 χ^2/NDF : 12.1/13

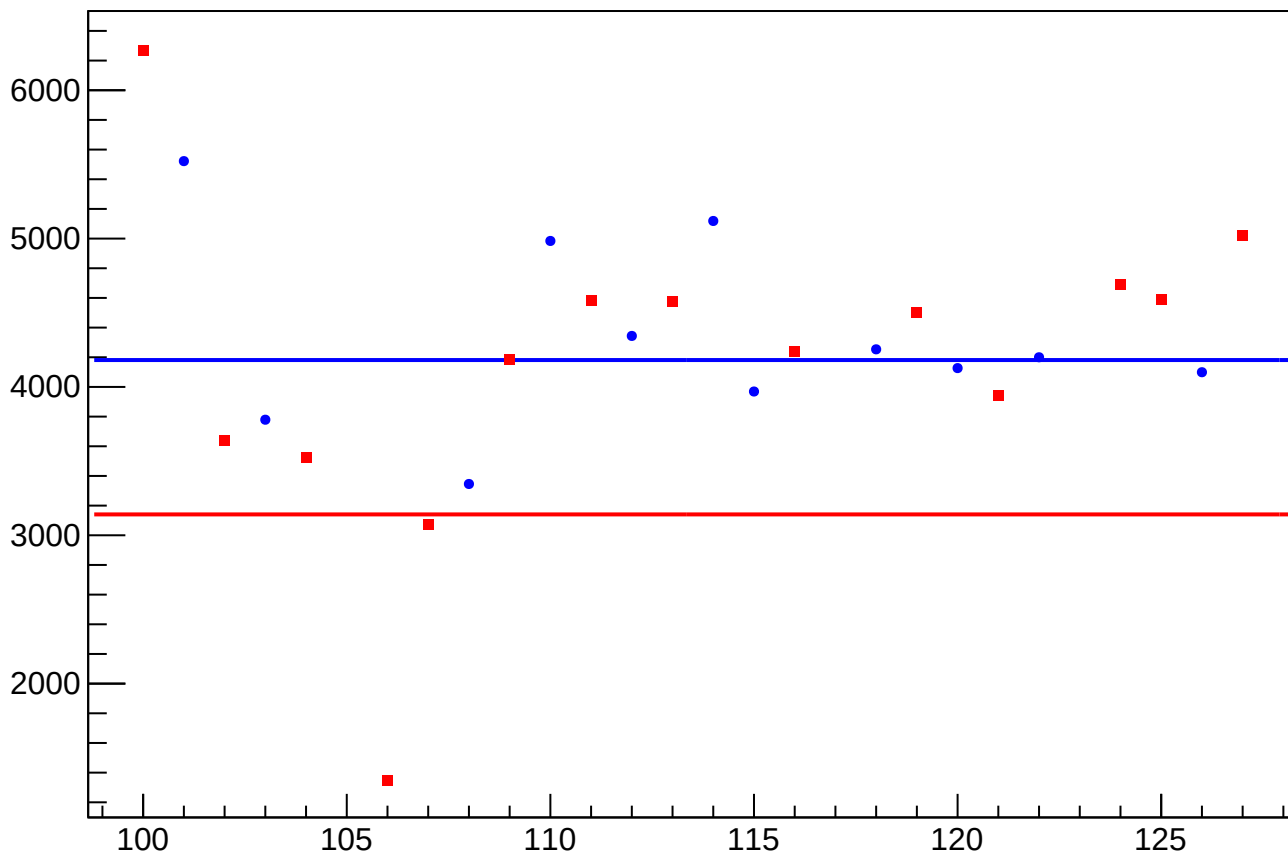
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.958+/-1185.110 χ^2/NDF : 22.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_dit_correction_rms vs Slug



Right In: 4181.262+/-1.412 χ^2/NDF : 168286.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

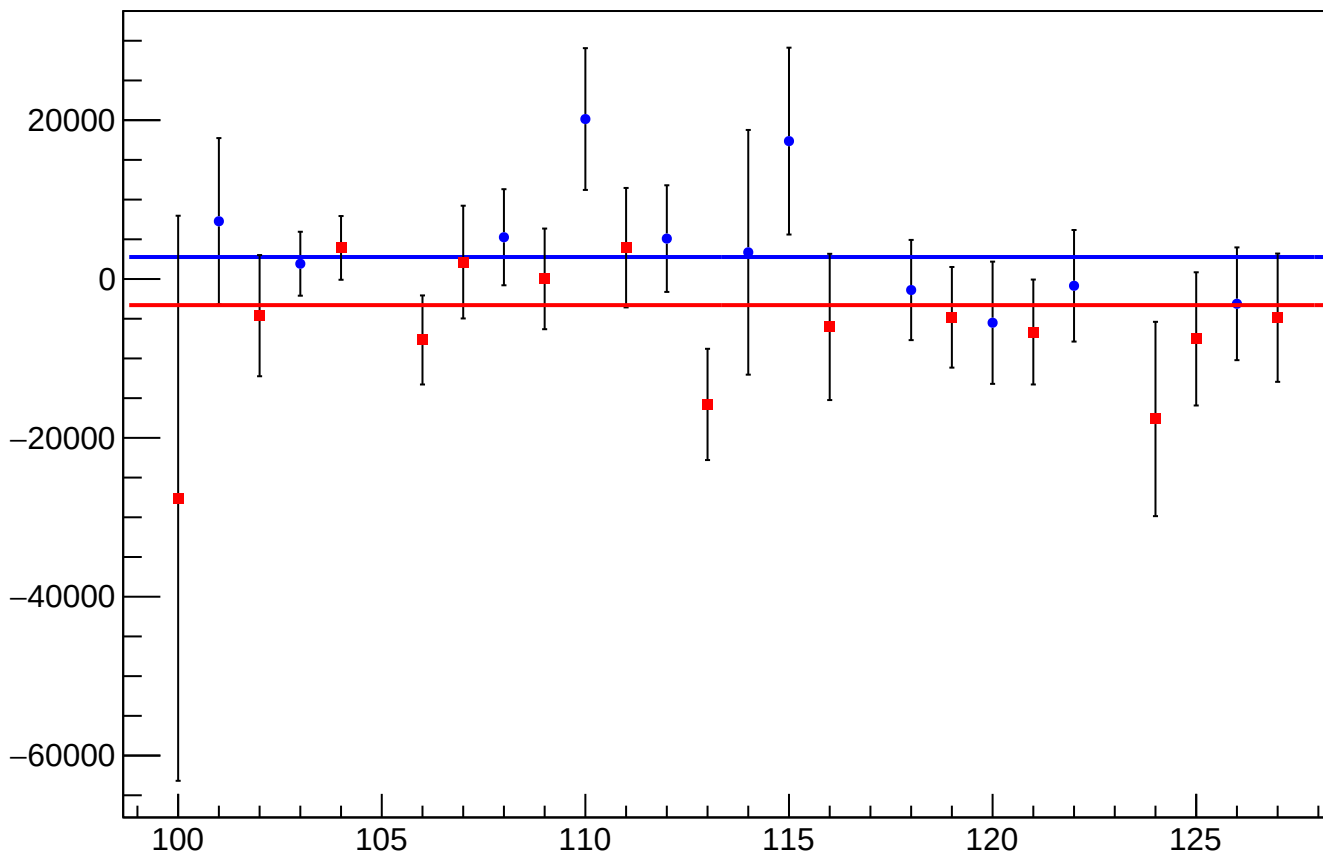
Right Out: 3140.700+/-1.041 χ^2/NDF : 1739418.5/13

All: 3507.196+/-0.838 χ^2/NDF : 2259496.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_mean vs Slug



Right In: 2769.872+/-2101.250 χ^2/NDF : 8.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3286.443+/-1855.035 χ^2/NDF : 11.4/13

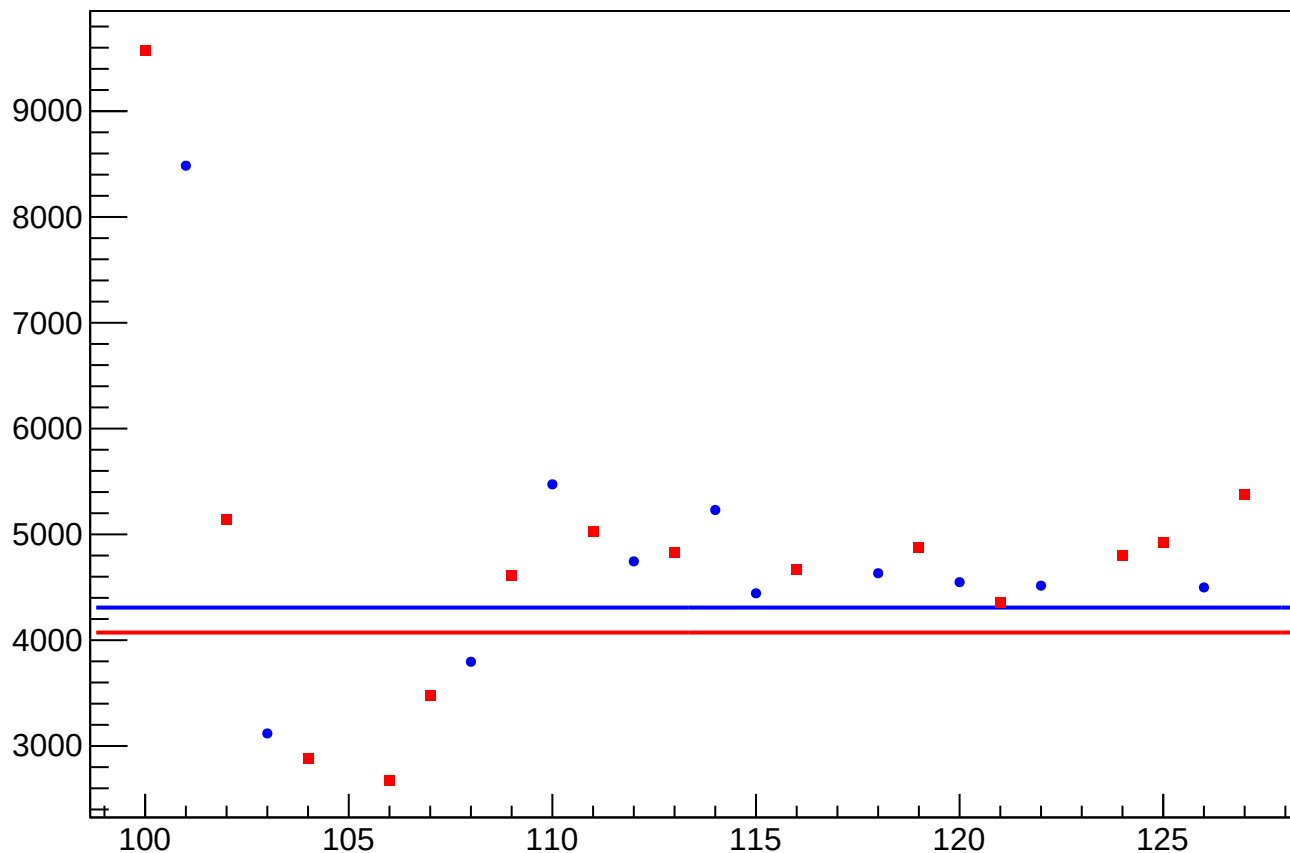
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -633.739+/-1390.650 χ^2/NDF : 24.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_rms vs Slug



Right In: 4308.281+/-1.486 χ^2/NDF : 567624.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

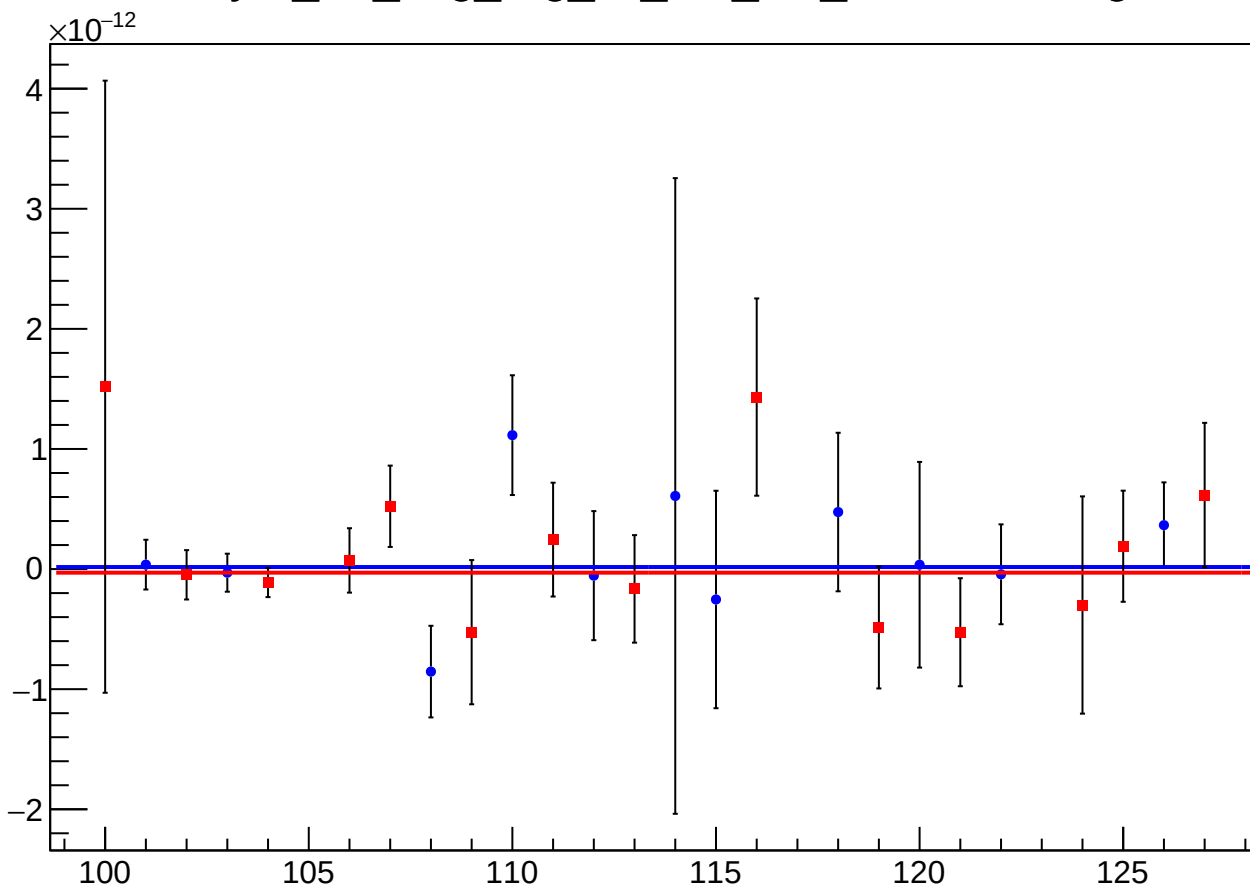
Right Out: 4072.258+/-1.298 χ^2/NDF : 619218.9/13

All: 4174.399+/-0.977 χ^2/NDF : 1201157.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 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 : 11.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.4/13

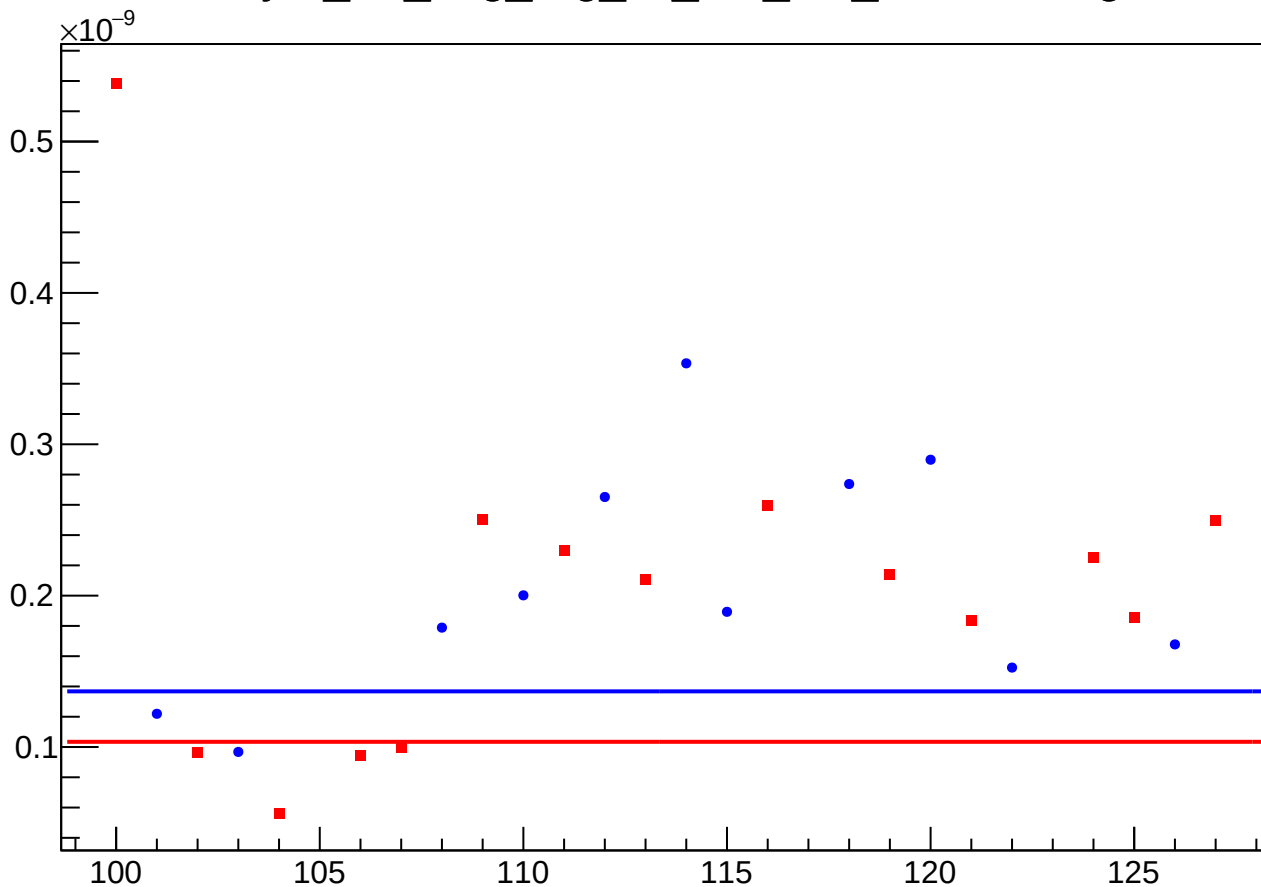
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.3/24

- 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 : 497215.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1195980.0/13

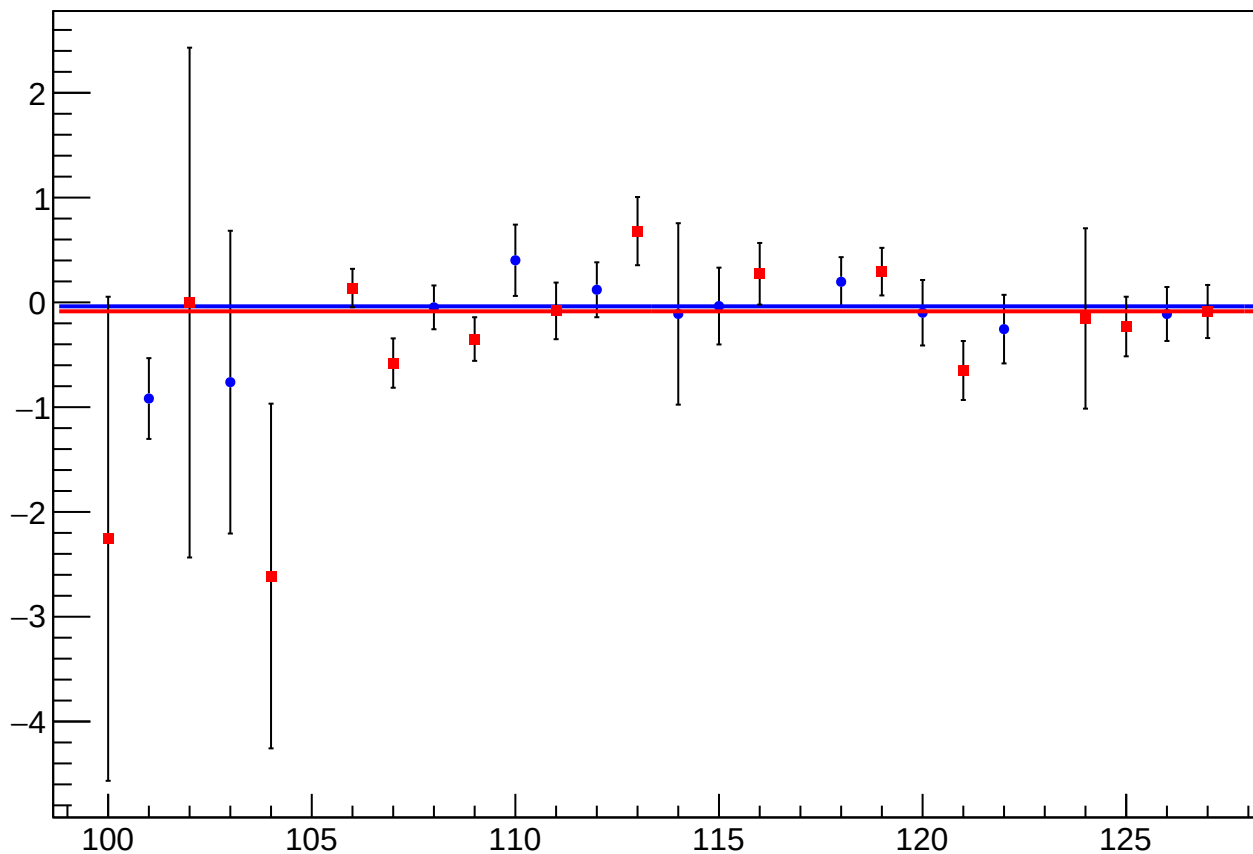
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1822149.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.038 ± 0.093 $\chi^2/\text{NDF: } 9.1/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF: } 0.0/0$

Right Out: -0.085 ± 0.077 $\chi^2/\text{NDF: } 24.8/13$

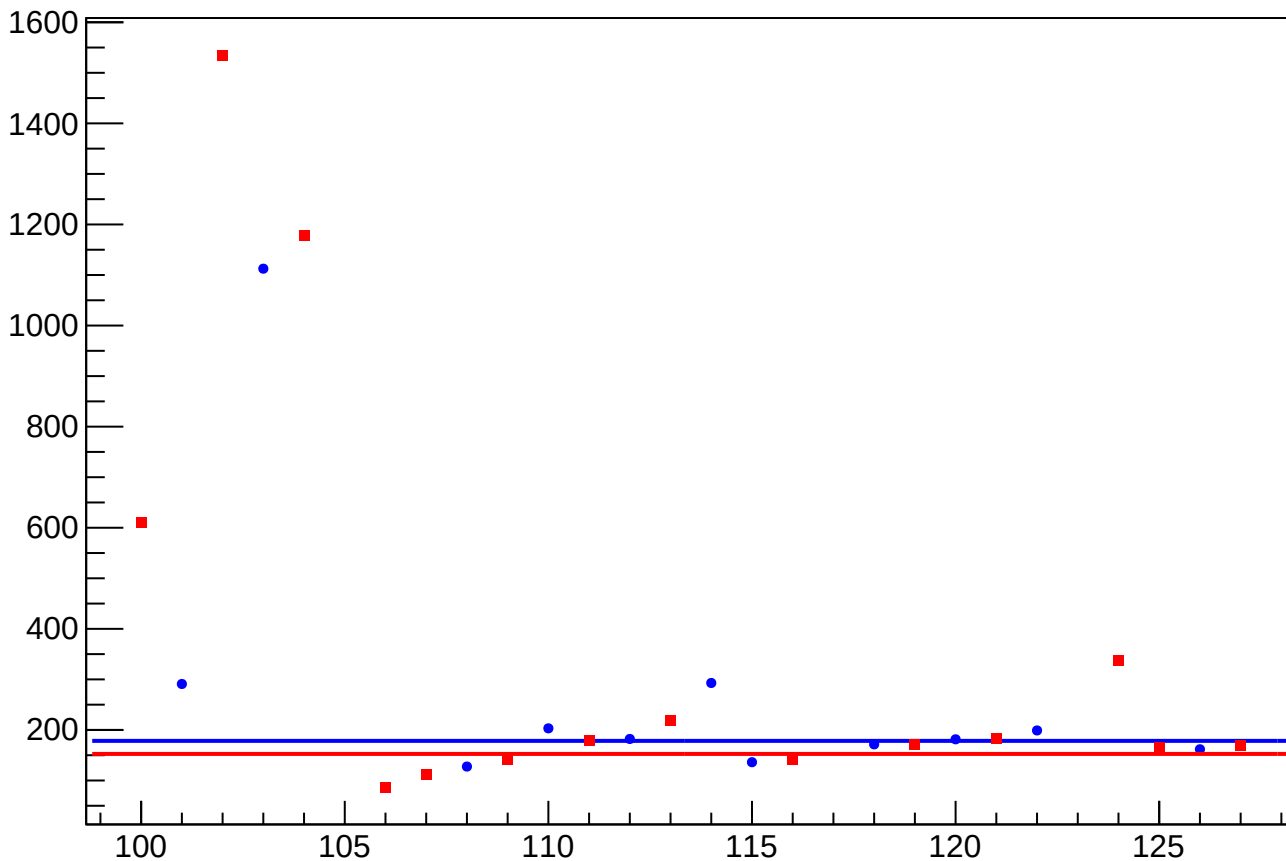
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF: } 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF: } 0.0/0$

All: -0.066 ± 0.060 $\chi^2/\text{NDF: } 34.0/24$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF: } 0.0/0$

asym_atr_avg_dit_vs_cor_diff_rms vs Slug



Right In: 178.379+/-0.066 χ^2/NDF : 1215687.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.555+/-0.055 χ^2/NDF : 2078851.2/13

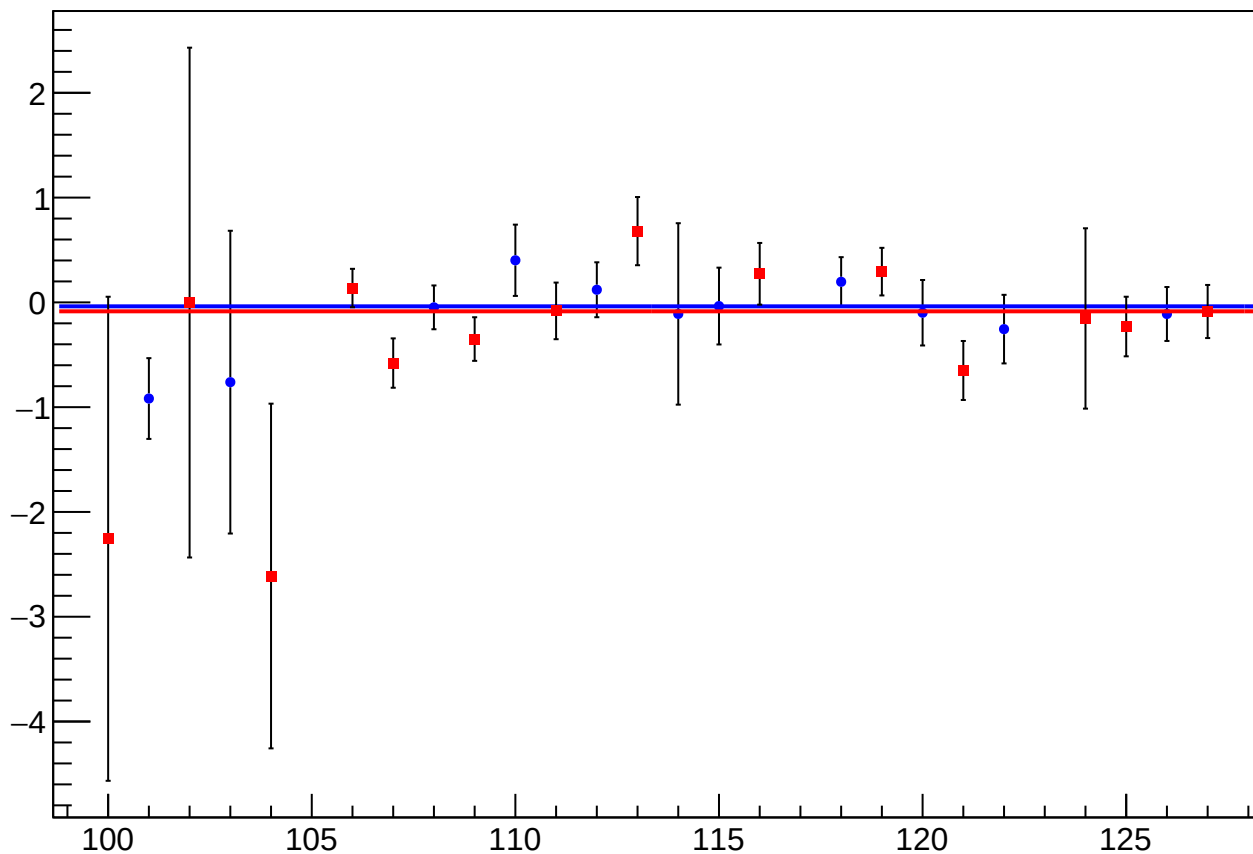
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.052+/-0.042 χ^2/NDF : 3385407.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.038 ± 0.093 χ^2/NDF : 9.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.085 ± 0.077 χ^2/NDF : 24.8/13

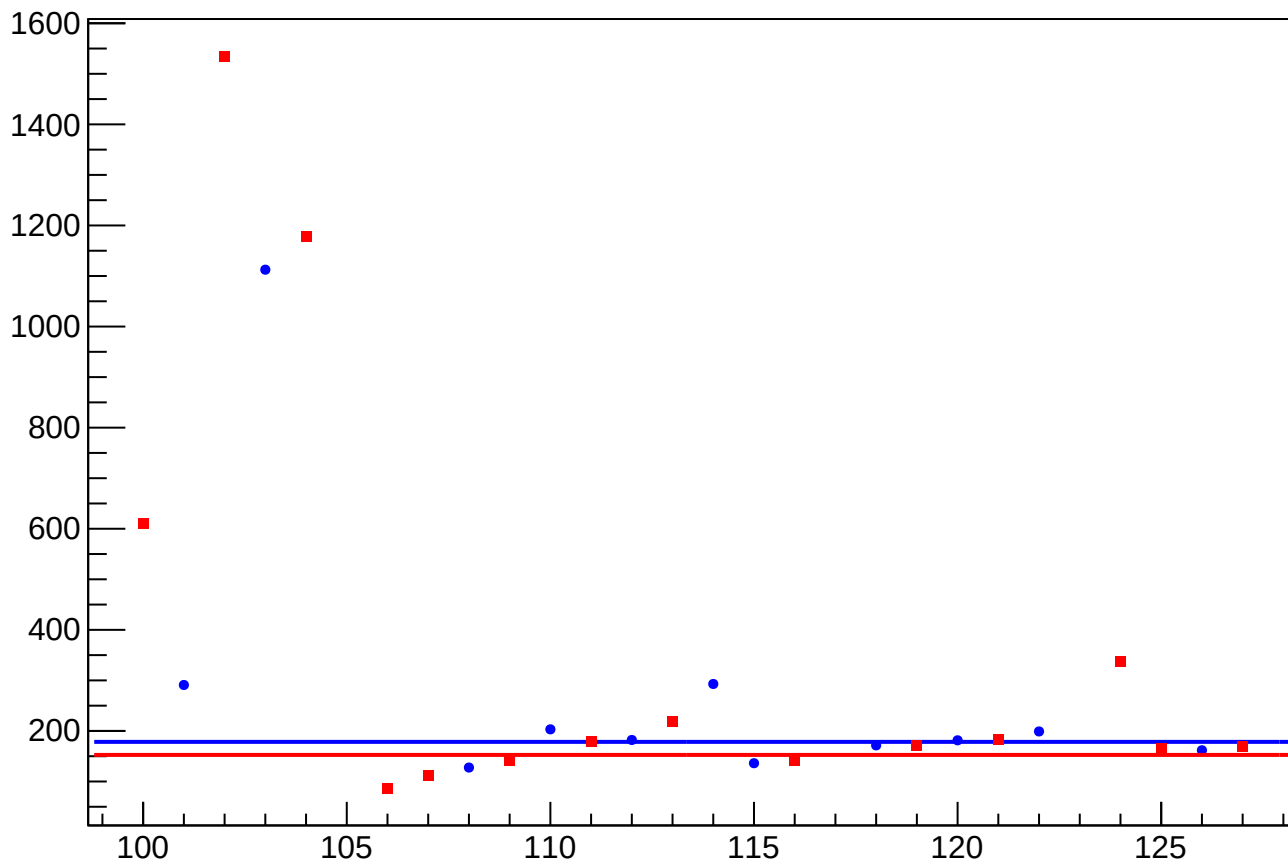
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.066 ± 0.060 χ^2/NDF : 34.0/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 178.379+/-0.066 χ^2/NDF : 1215687.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

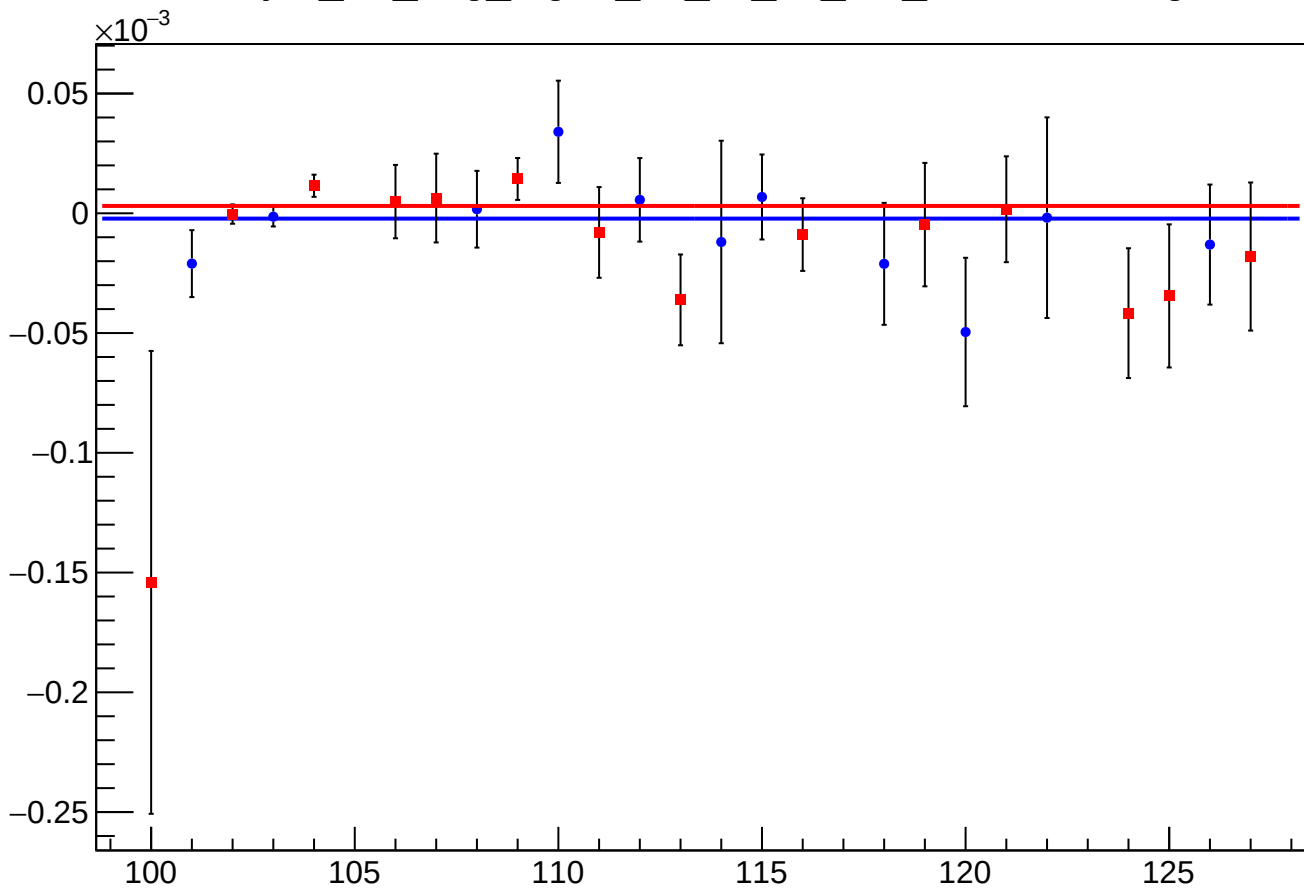
Right Out: 152.555+/-0.055 χ^2/NDF : 2078851.2/13

All: 163.052+/-0.042 χ^2/NDF : 3385407.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-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 : 8.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 18.5/13

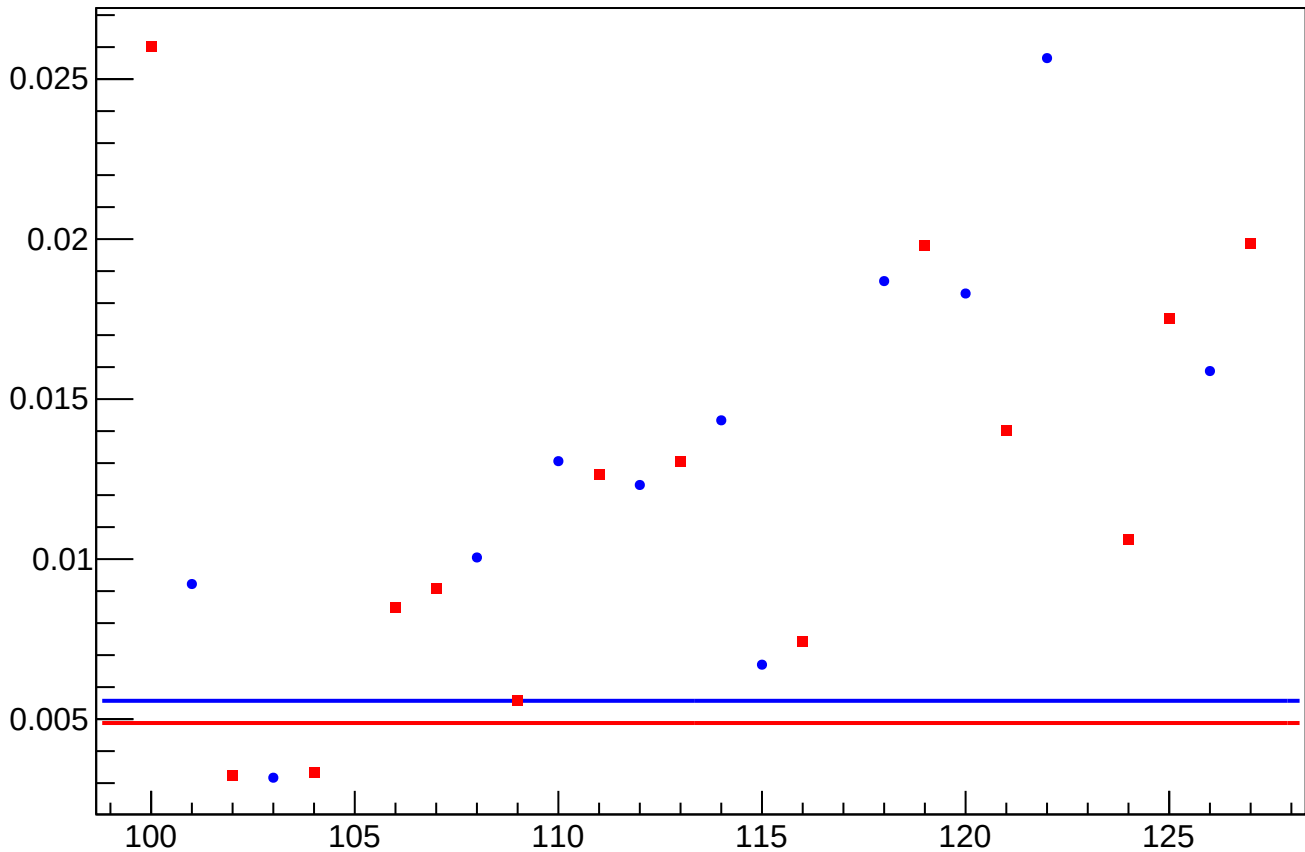
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 3292661.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 3575854.1/13

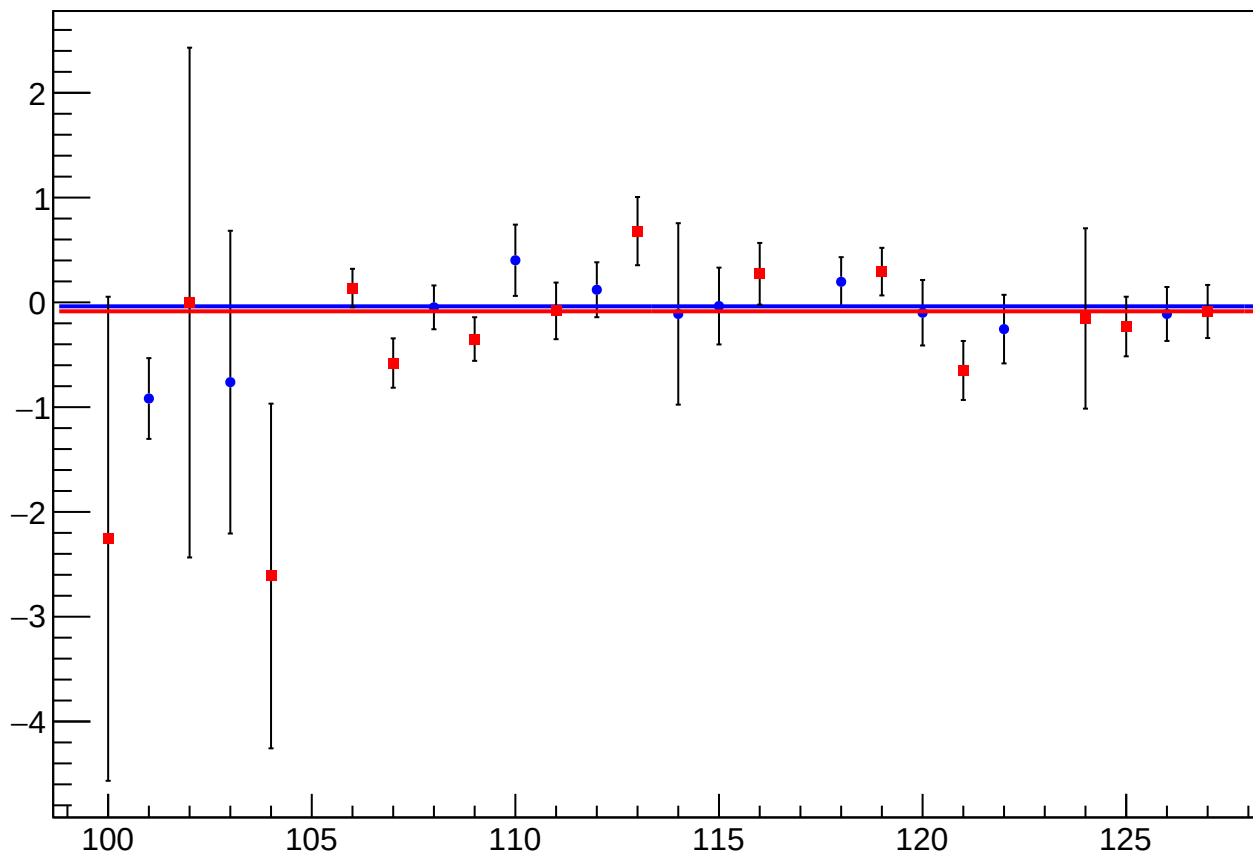
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 6919535.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.038+/-0.093 χ^2/NDF : 9.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.085+/-0.077 χ^2/NDF : 24.8/13

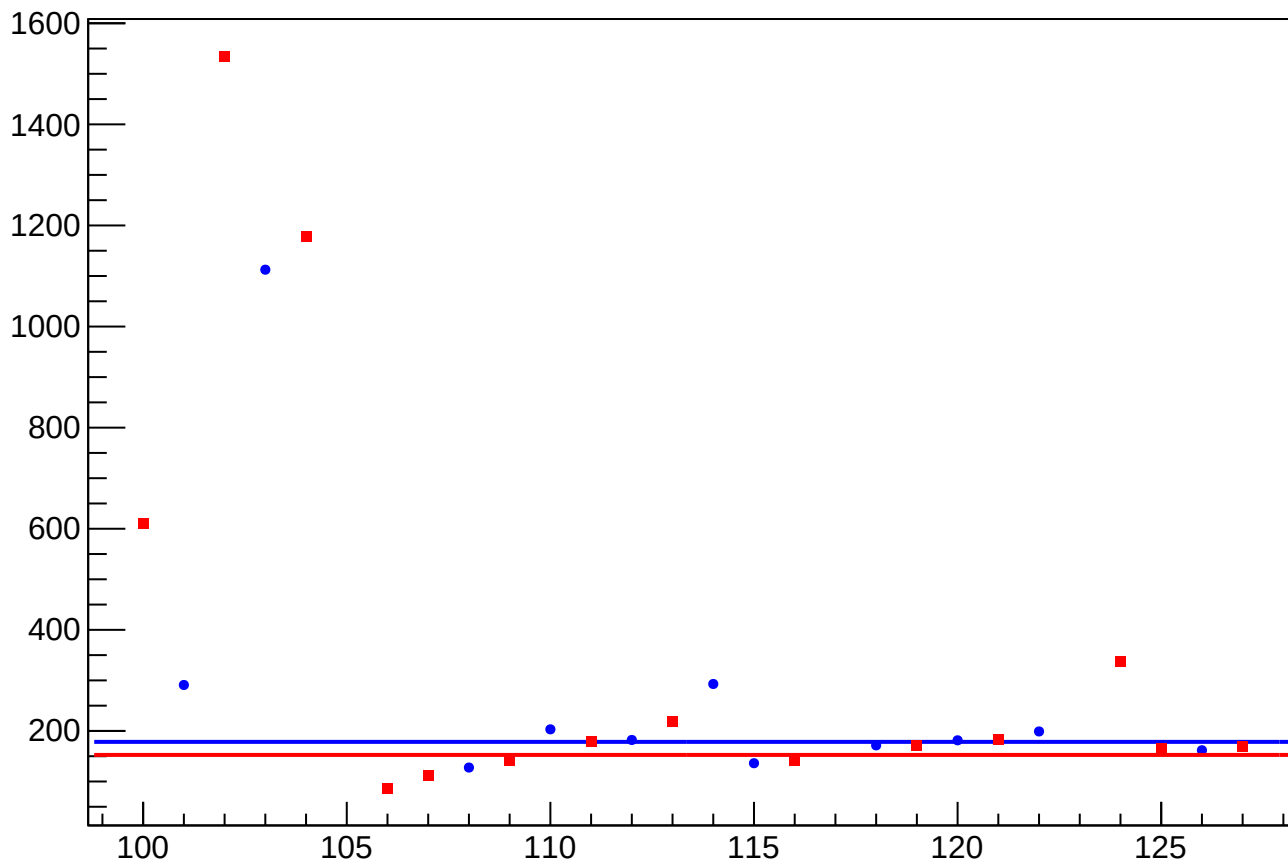
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.066+/-0.060 χ^2/NDF : 34.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 178.378+/-0.066 χ^2/NDF : 1215697.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.555+/-0.055 χ^2/NDF : 2078835.0/13

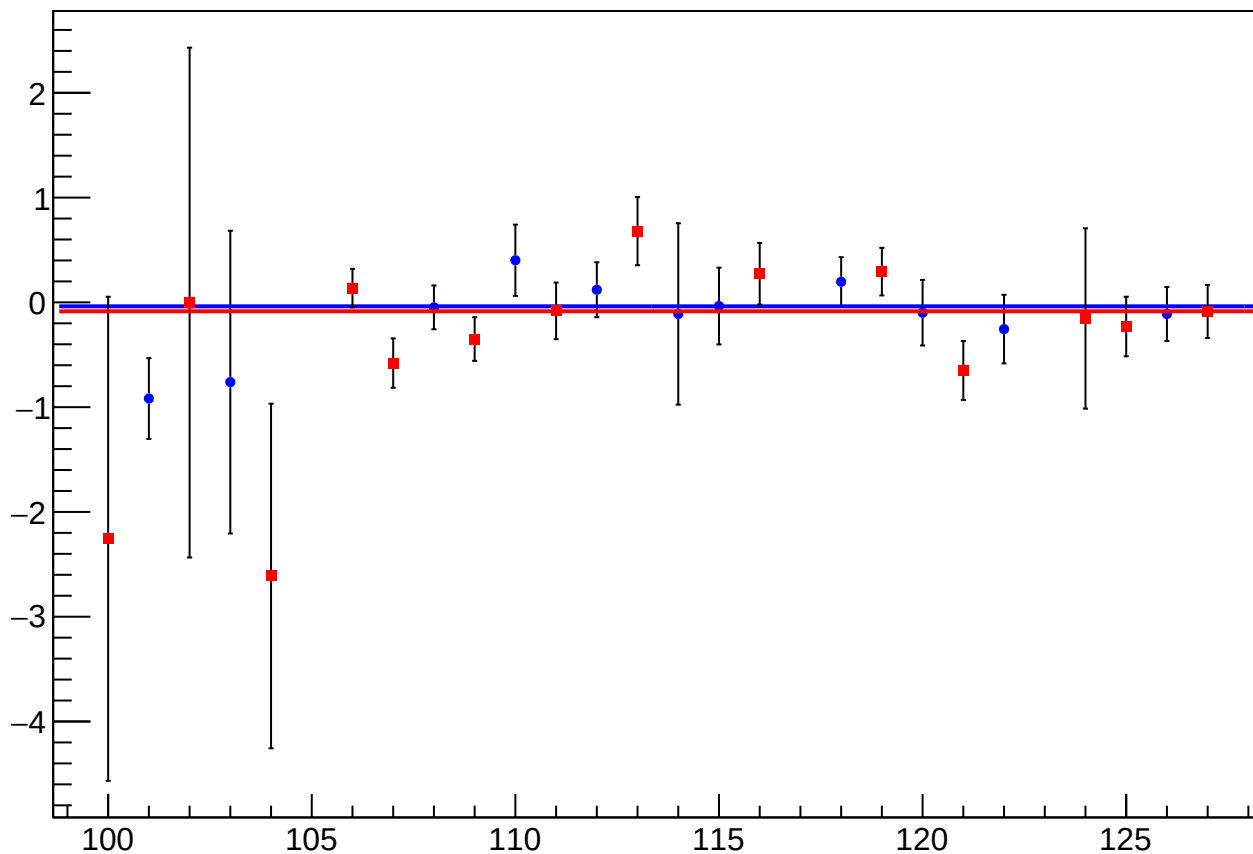
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.051+/-0.042 χ^2/NDF : 3385399.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.038+/-0.093 χ^2/NDF : 9.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.085+/-0.077 χ^2/NDF : 24.8/13

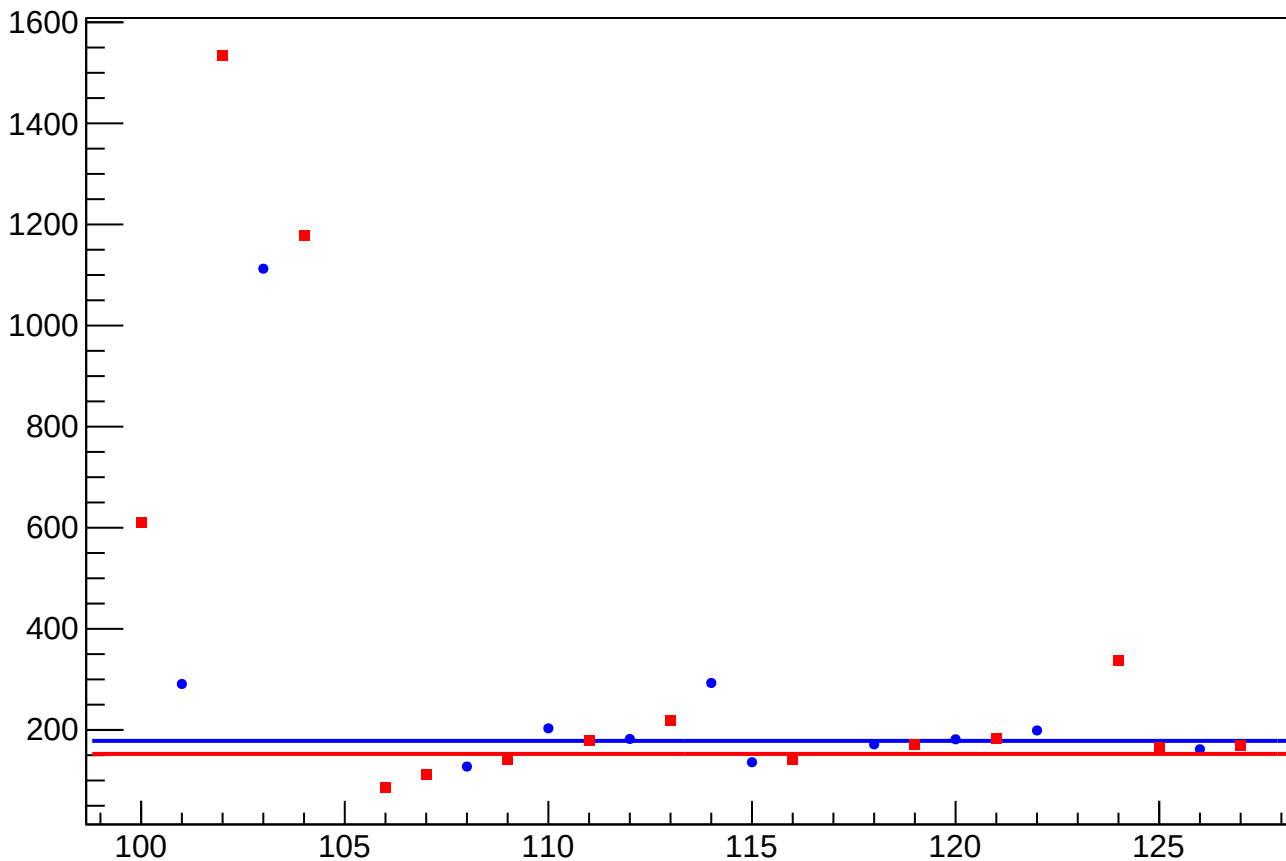
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.066+/-0.060 χ^2/NDF : 34.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 178.378+/-0.066 χ^2/NDF : 1215697.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

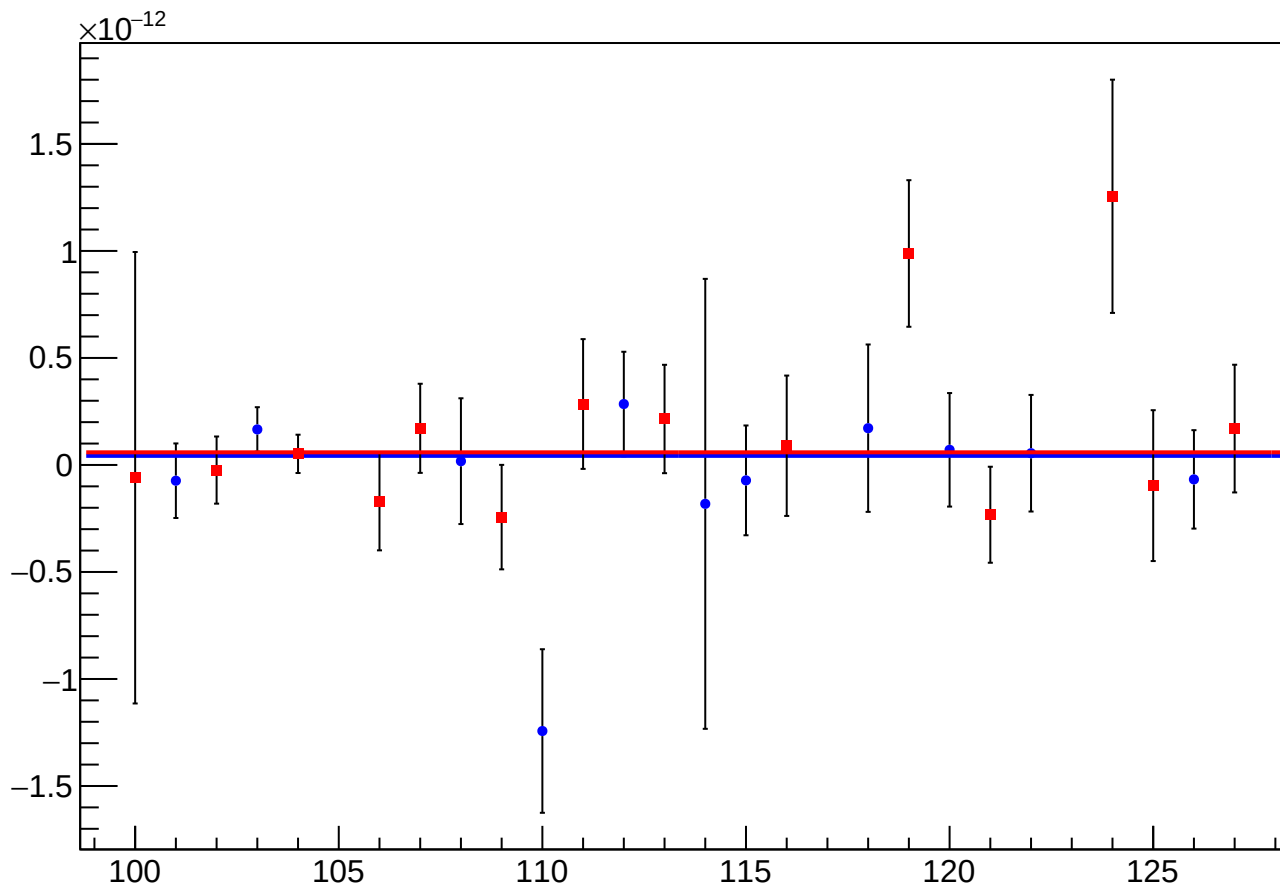
Right Out: 152.555+/-0.055 χ^2/NDF : 2078835.0/13

All: 163.051+/-0.042 χ^2/NDF : 3385399.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-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 : 14.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 18.3/13

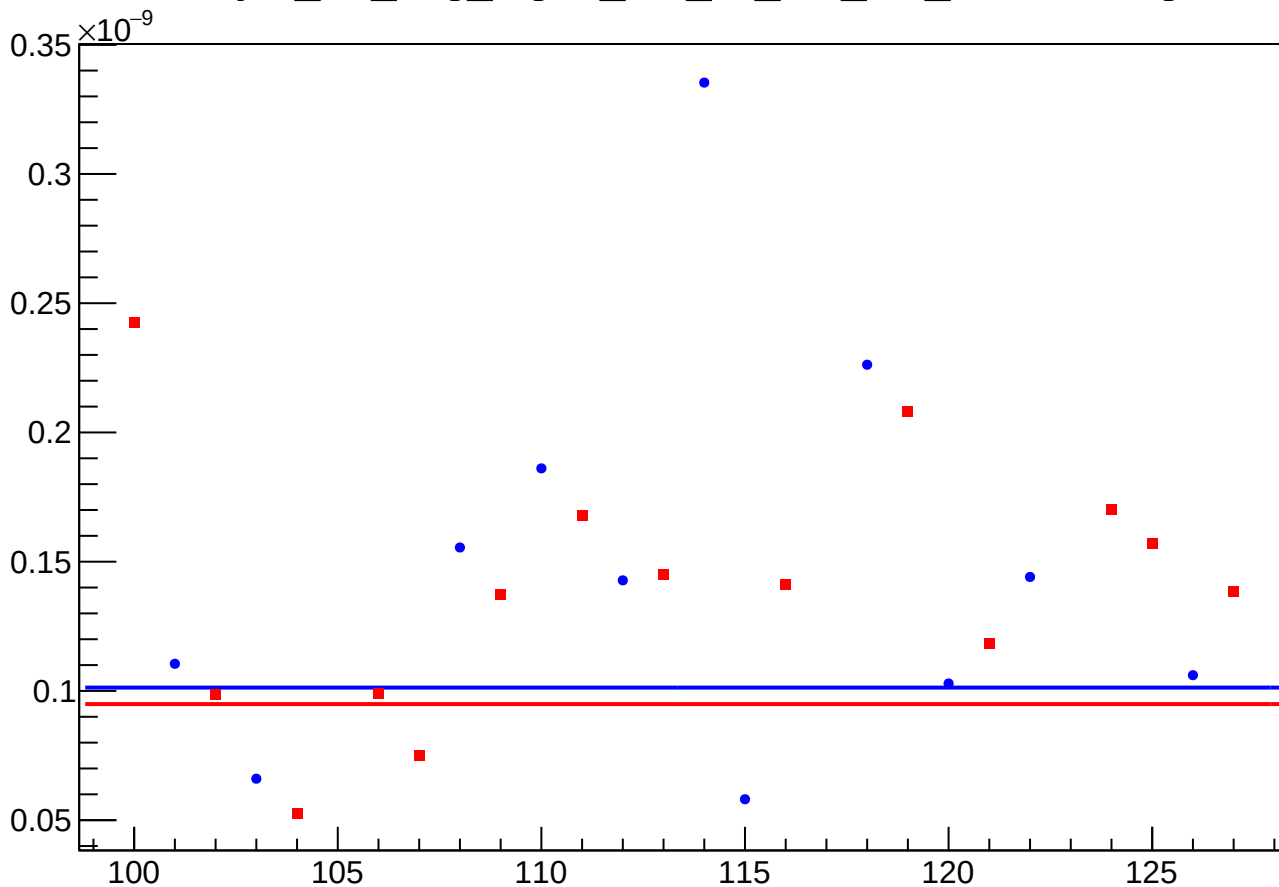
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.1/24

- 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 : 870683.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1185317.7/13

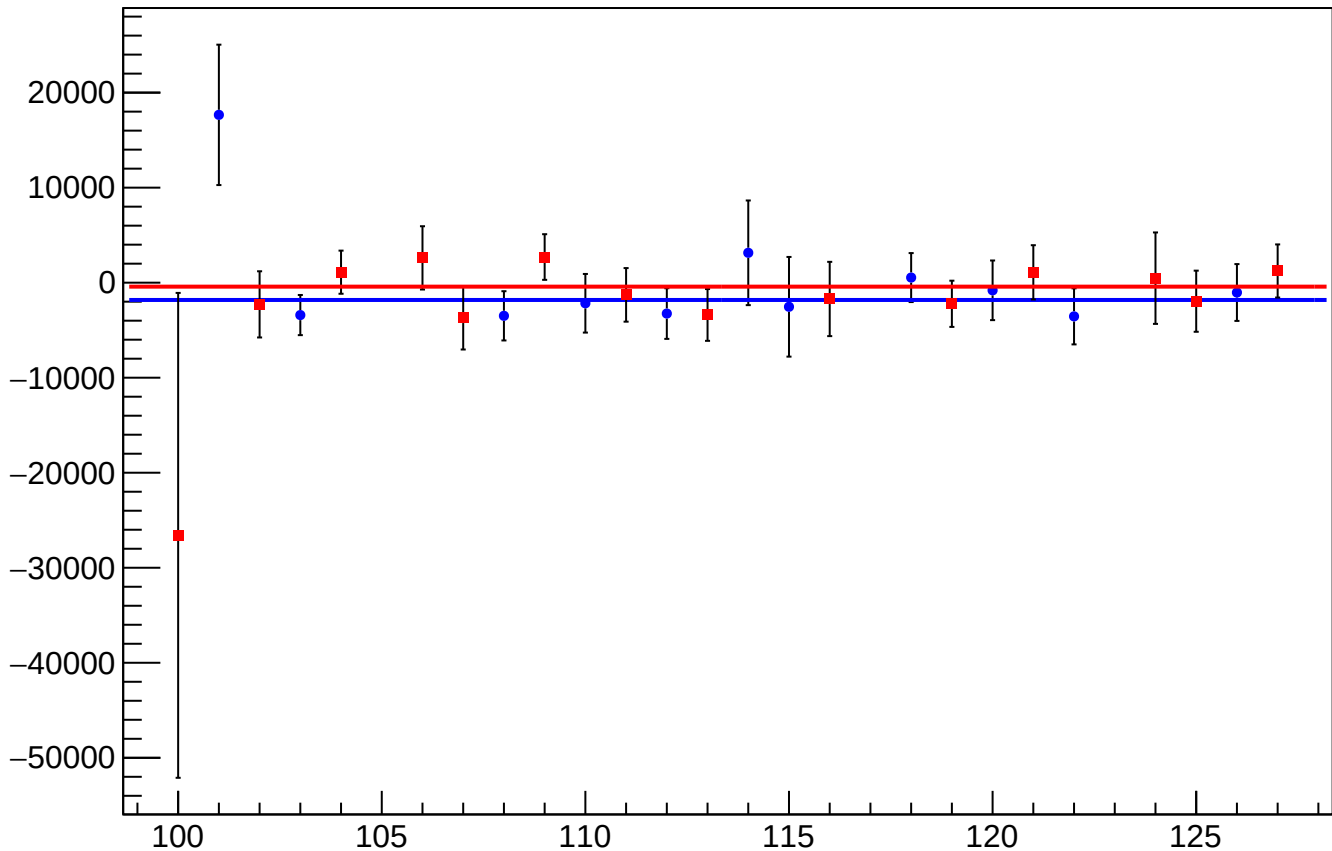
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2066800.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_mean vs Slug



Right In: -1820.154+/-918.437 χ^2/NDF : 10.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -417.292+/-811.535 χ^2/NDF : 8.1/13

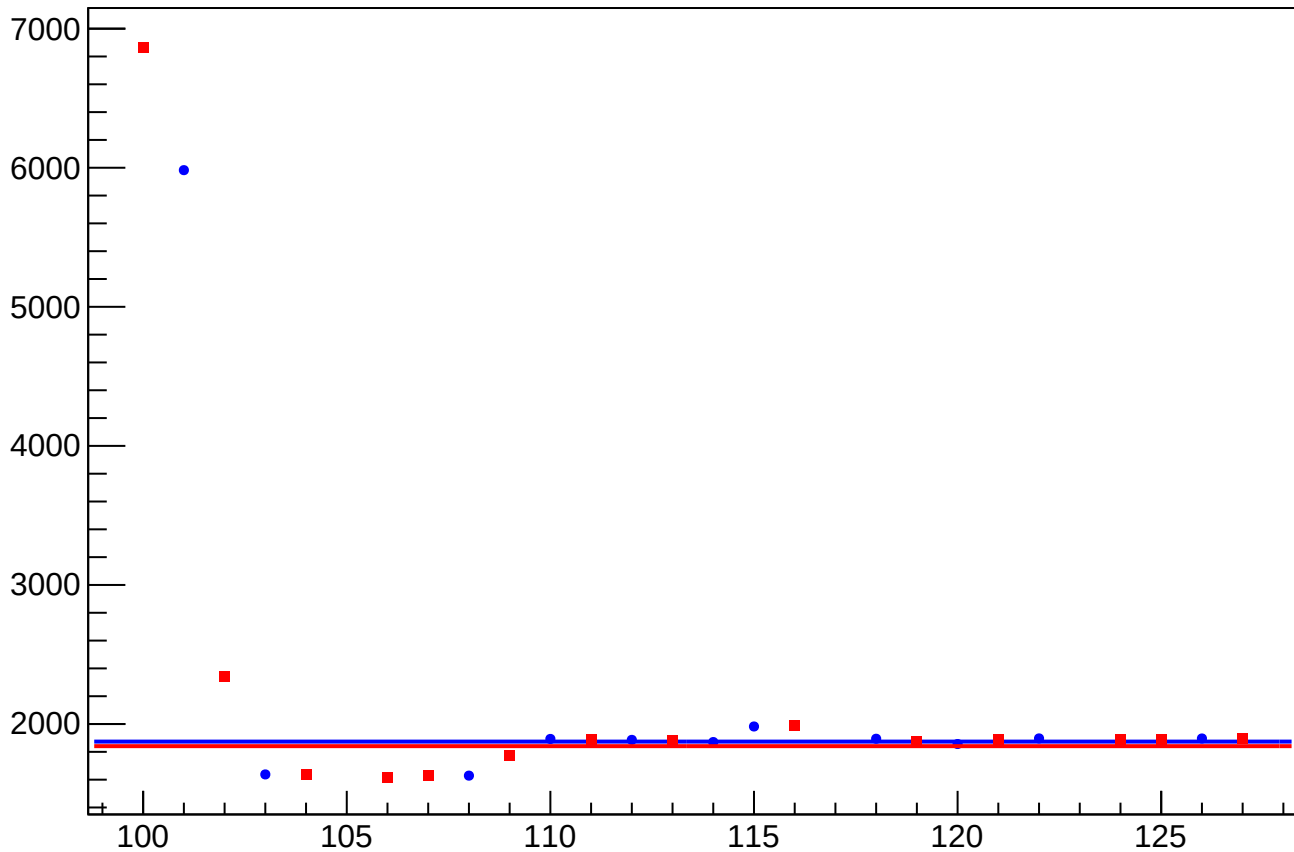
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1032.364+/-608.142 χ^2/NDF : 19.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_rms vs Slug



Right In: 1873.684 $\pm$ 0.649 χ^2 /NDF: 663047.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1840.912 $\pm$ 0.571 χ^2 /NDF: 162484.2/13

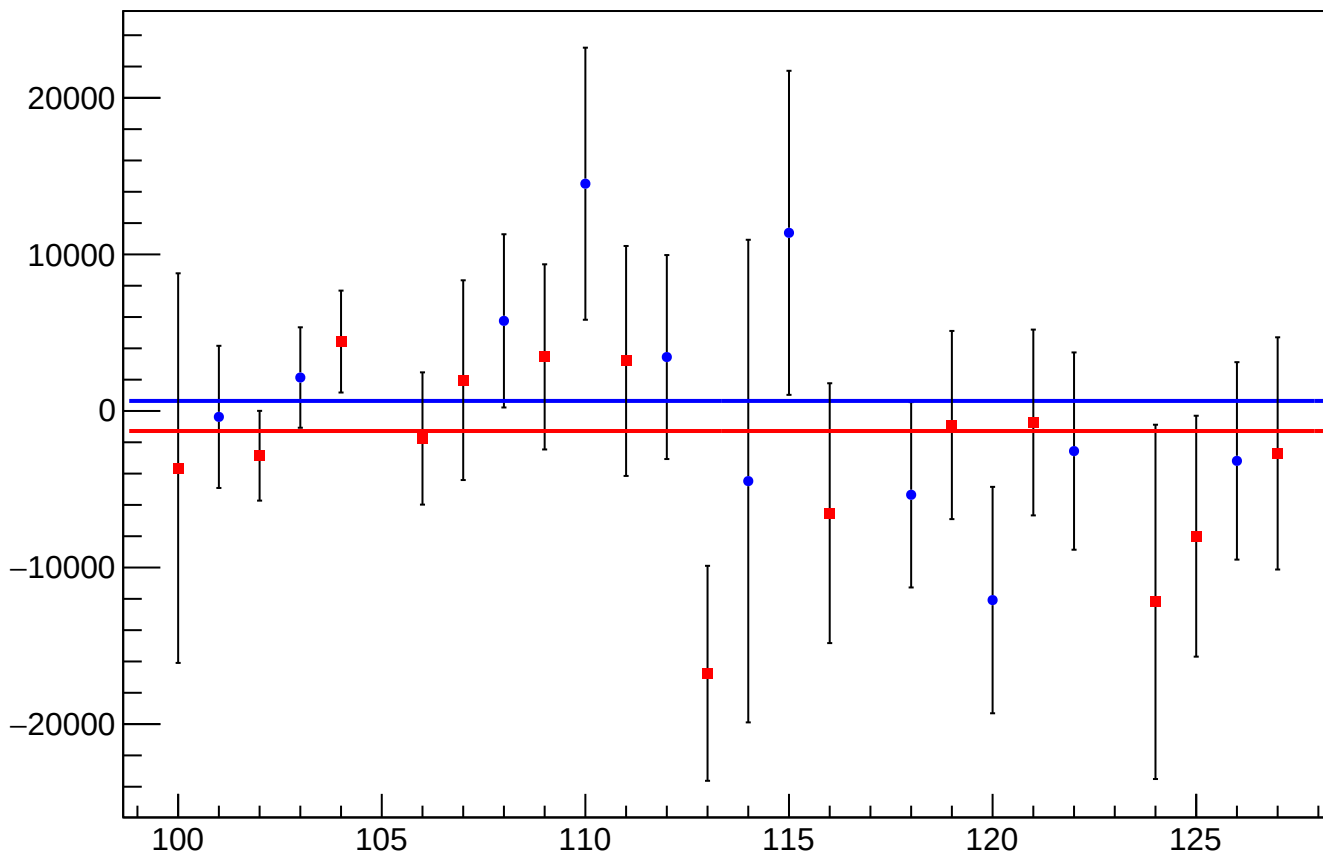
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1855.208 $\pm$ 0.429 χ^2 /NDF: 826967.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_reg_correction_mean vs Slug



Right In: 641.636 ± 1749.530 χ^2/NDF : 9.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1279.690 ± 1435.847 χ^2/NDF : 11.9/13

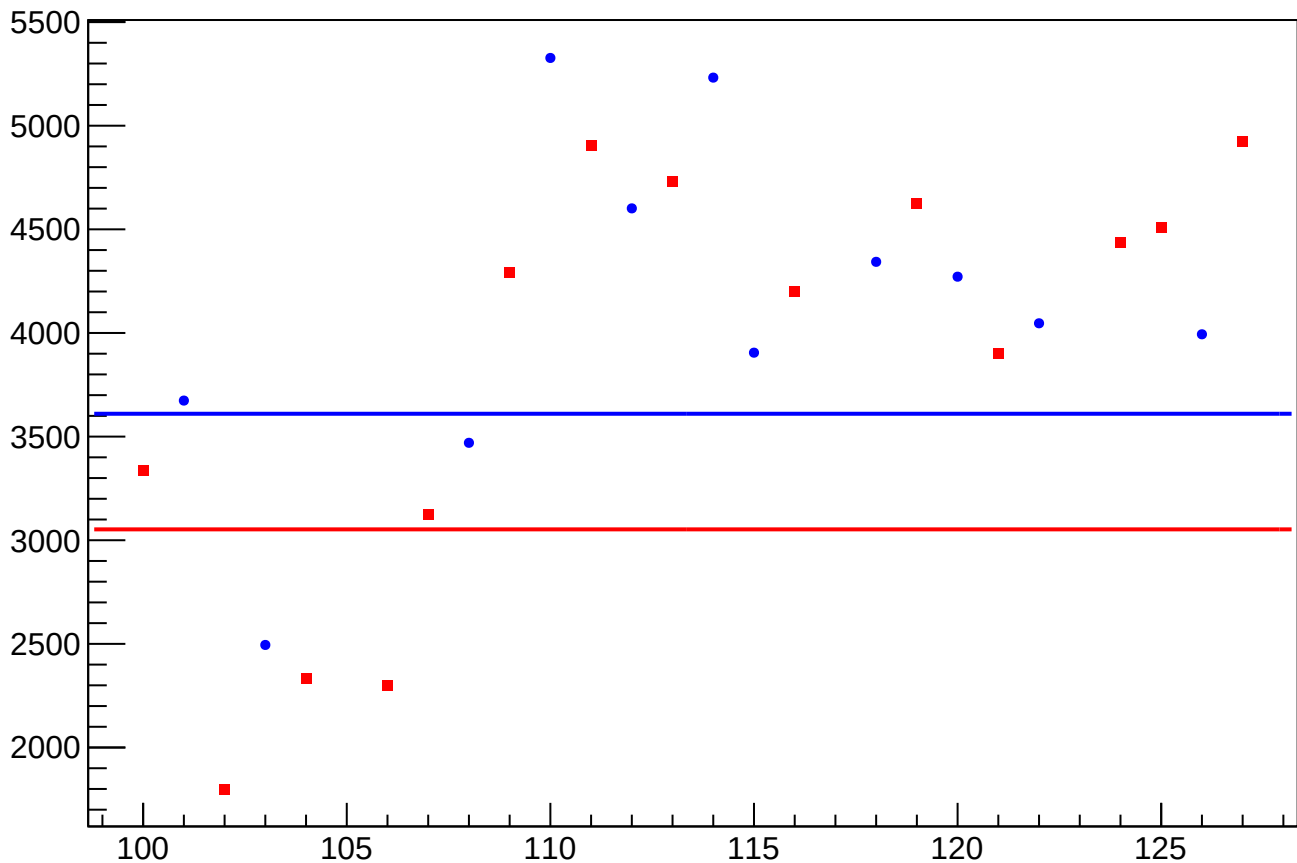
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -506.414 ± 1109.911 χ^2/NDF : 22.4/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr_dd_reg_correction_rms vs Slug



Right In: 3610.222 ± 1.237 χ^2/NDF : 455936.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

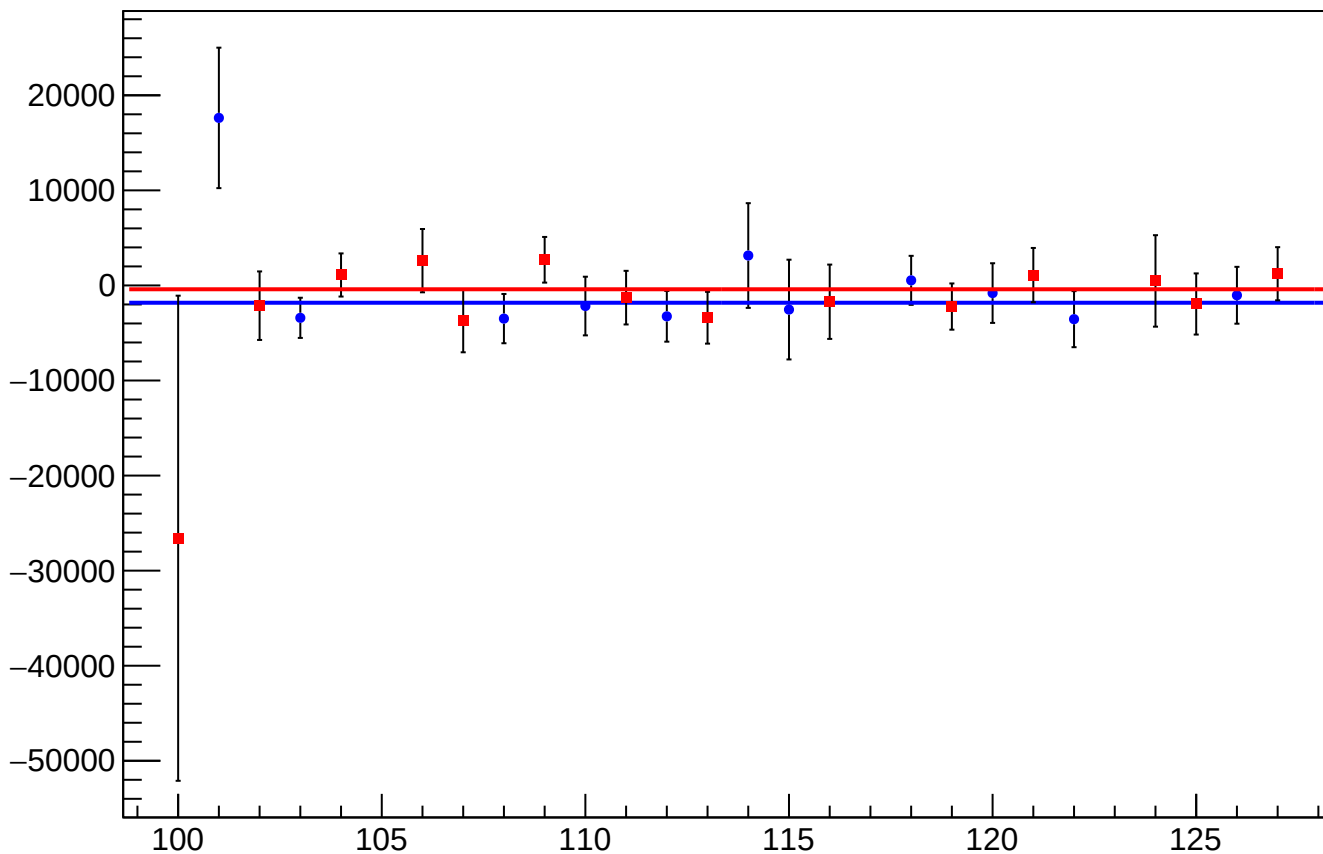
Right Out: 3052.444 ± 1.015 χ^2/NDF : 1325755.6/13

All: 3276.933 ± 0.785 χ^2/NDF : 1903162.5/24

- 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_atr_dd_mean vs Slug



Right In: -1820.696 ± 918.437 χ^2/NDF : 10.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -403.606 ± 812.996 χ^2/NDF : 8.1/13

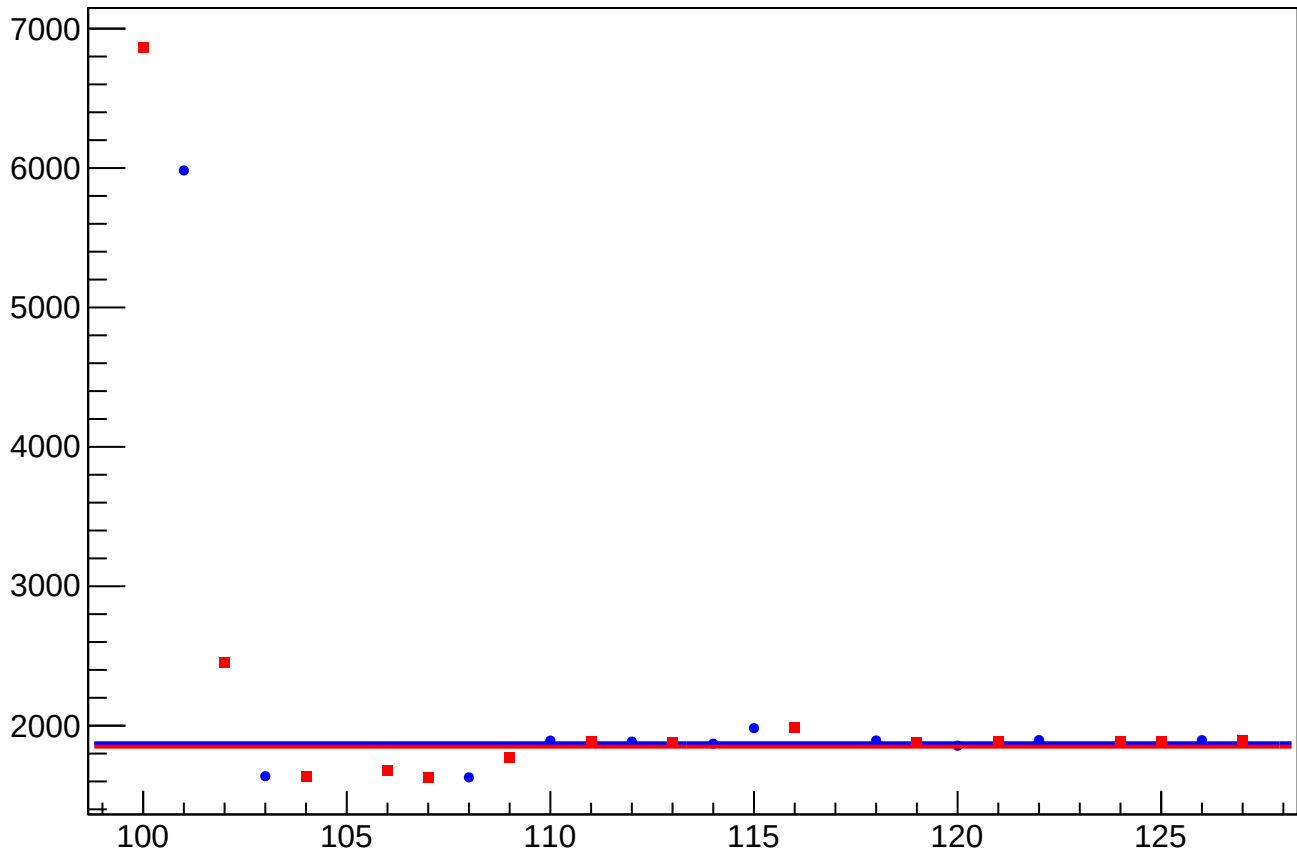
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1026.171 ± 608.756 χ^2/NDF : 19.8/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_atr_dd_rms vs Slug



Right In: 1873.684+/-0.649 χ^2/NDF : 663047.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1849.638+/-0.574 χ^2/NDF : 173141.1/13

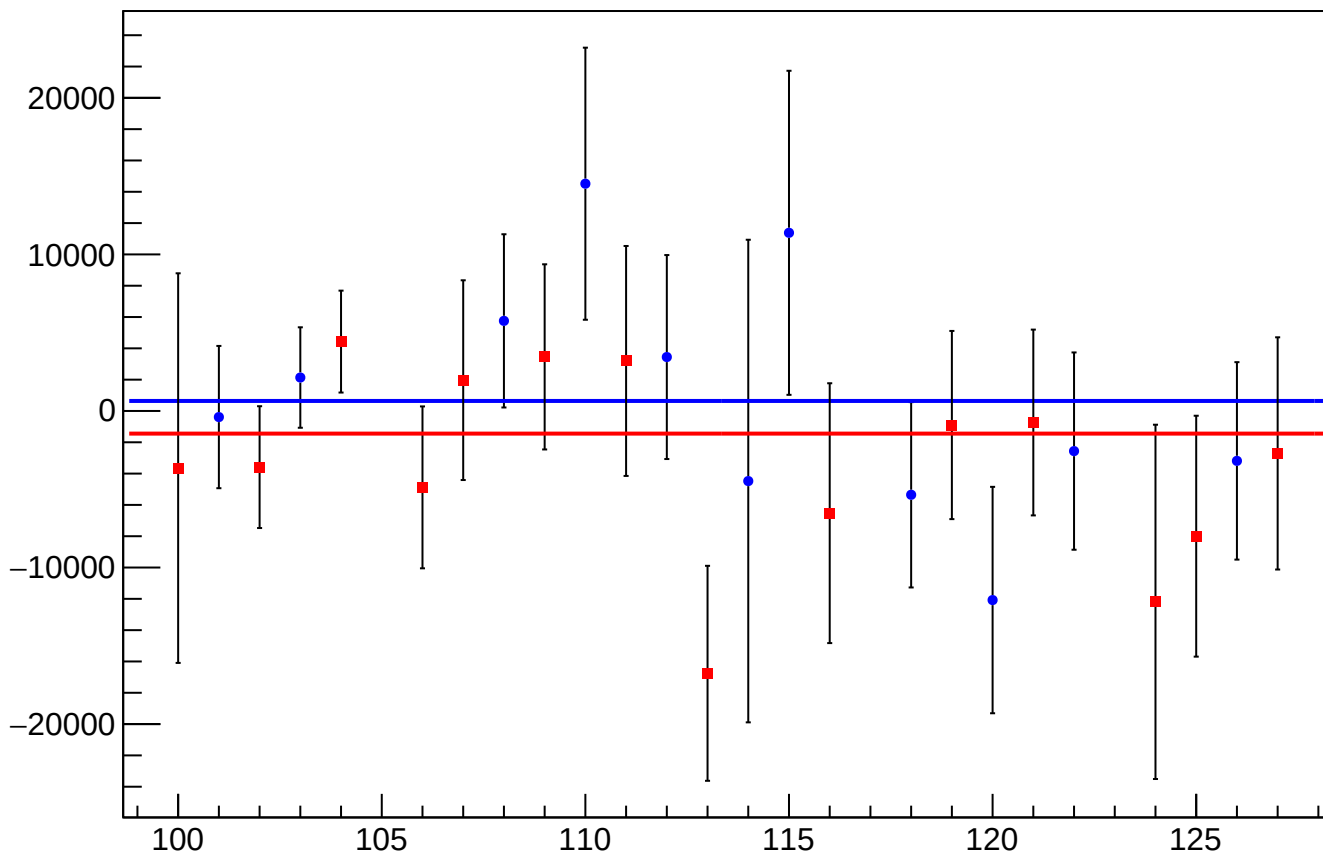
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1860.178+/-0.430 χ^2/NDF : 836958.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_cor_correction_mean vs Slug



Right In: 639.768+/-1749.816 χ^2/NDF : 9.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1445.843+/-1560.233 χ^2/NDF : 12.4/13

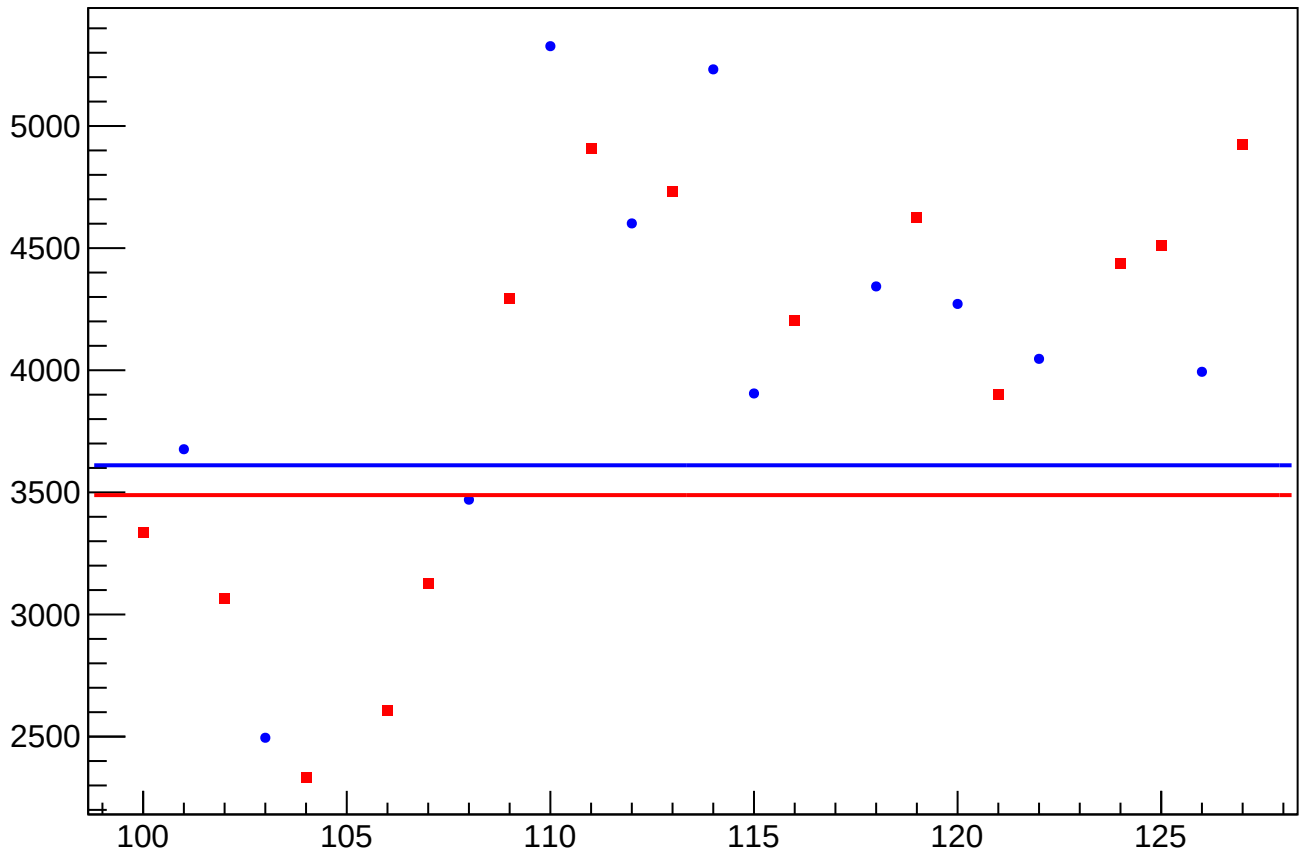
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -522.100+/-1164.531 χ^2/NDF : 23.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_cor_correction_rms vs Slug



Right In: 3610.883+/-1.237 χ^2/NDF : 455677.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

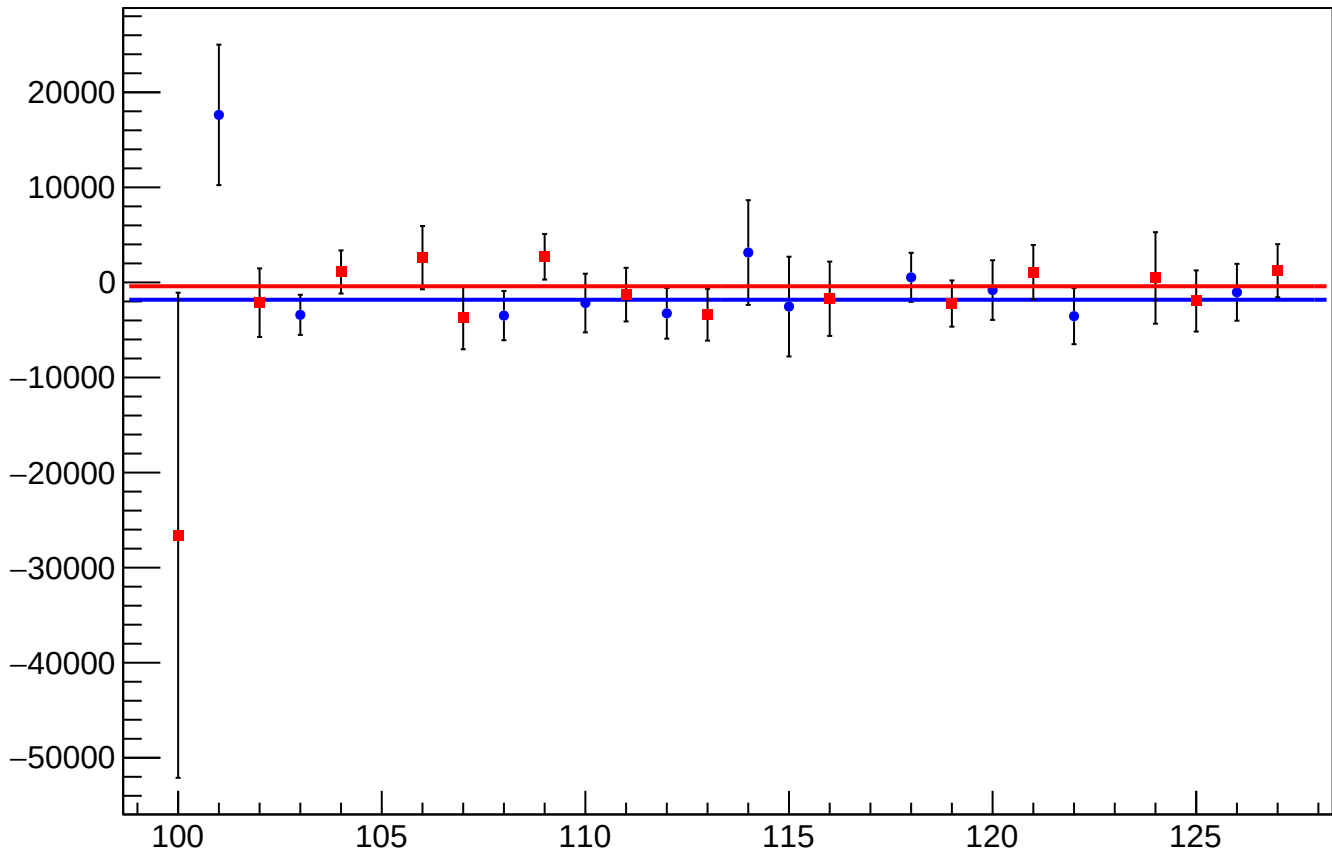
Right Out: 3488.789+/-1.103 χ^2/NDF : 737271.6/13

All: 3542.866+/-0.823 χ^2/NDF : 1198373.1/24

- 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_atr_dd_mean vs Slug



Right In: -1820.696 $\pm$ 918.437 χ^2 /NDF: 10.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -403.606 $\pm$ 812.996 χ^2 /NDF: 8.1/13

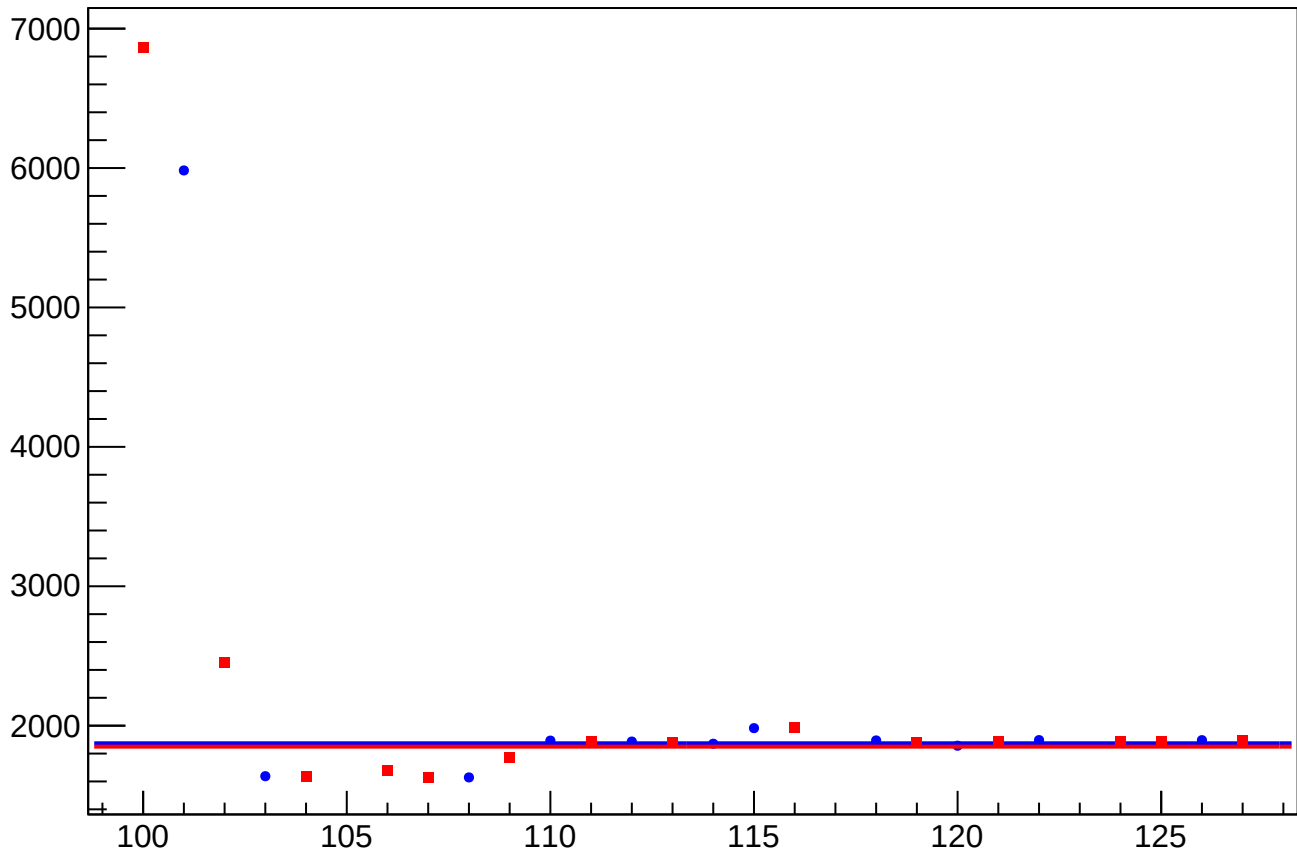
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1026.171 $\pm$ 608.756 χ^2 /NDF: 19.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atr_dd_rms vs Slug



Right In: 1873.684+/-0.649 χ^2/NDF : 663047.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1849.638+/-0.574 χ^2/NDF : 173141.1/13

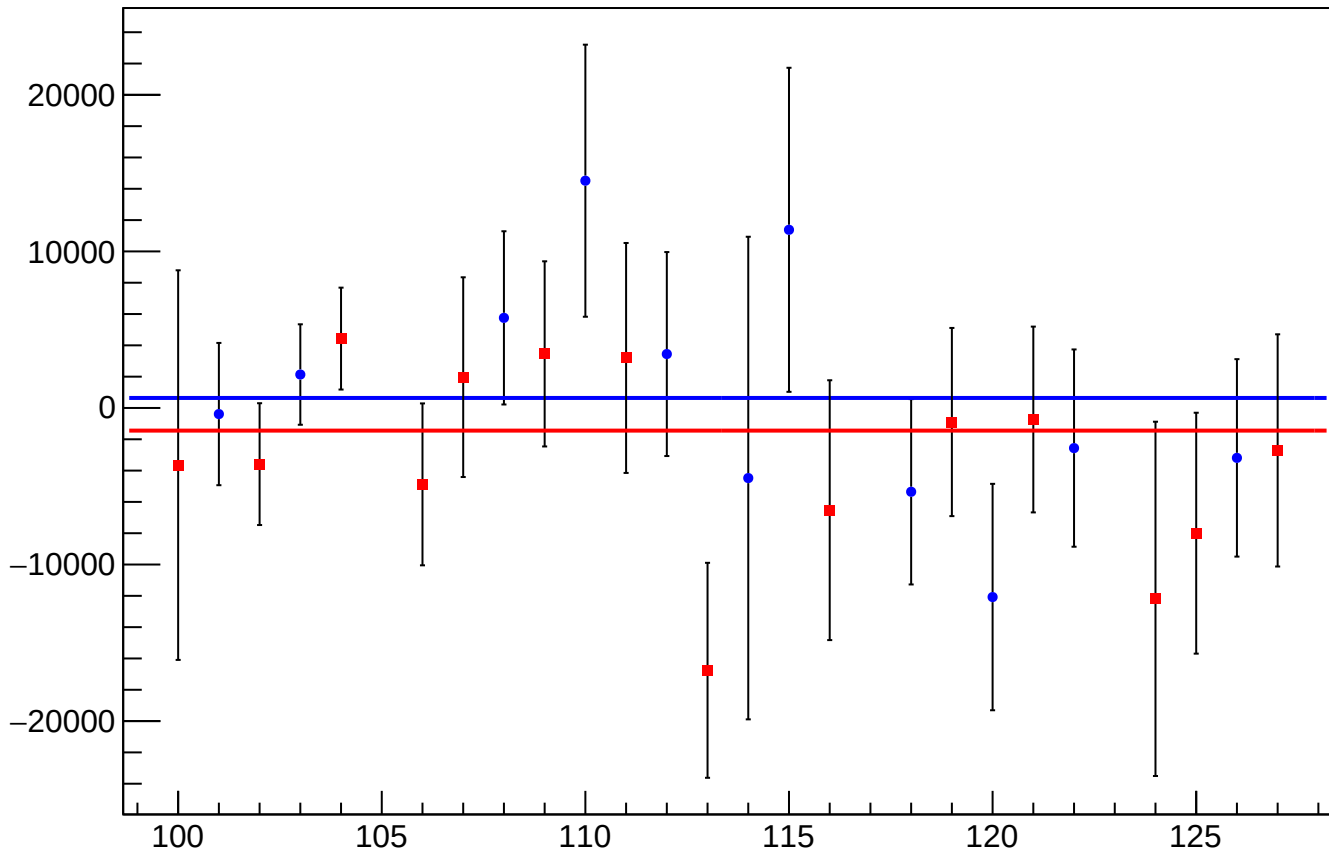
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1860.178+/-0.430 χ^2/NDF : 836958.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_cor_correction_mean vs Slug



Right In: 639.768+/-1749.816 χ^2/NDF : 9.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1445.843+/-1560.233 χ^2/NDF : 12.4/13

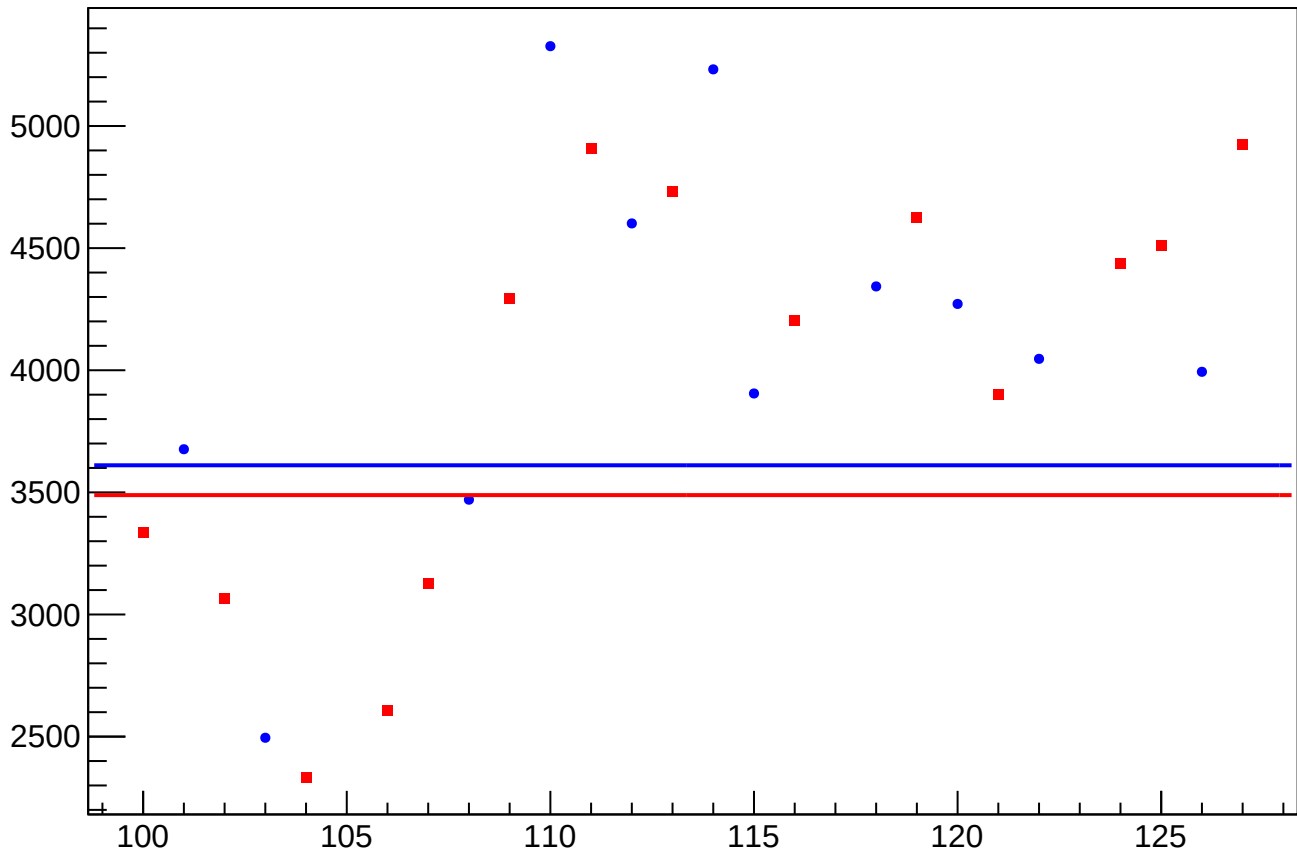
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -522.100+/-1164.531 χ^2/NDF : 23.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_cor_correction_rms vs Slug



Right In: 3610.883+/-1.237 χ^2/NDF : 455677.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3488.789+/-1.103 χ^2/NDF : 737271.6/13

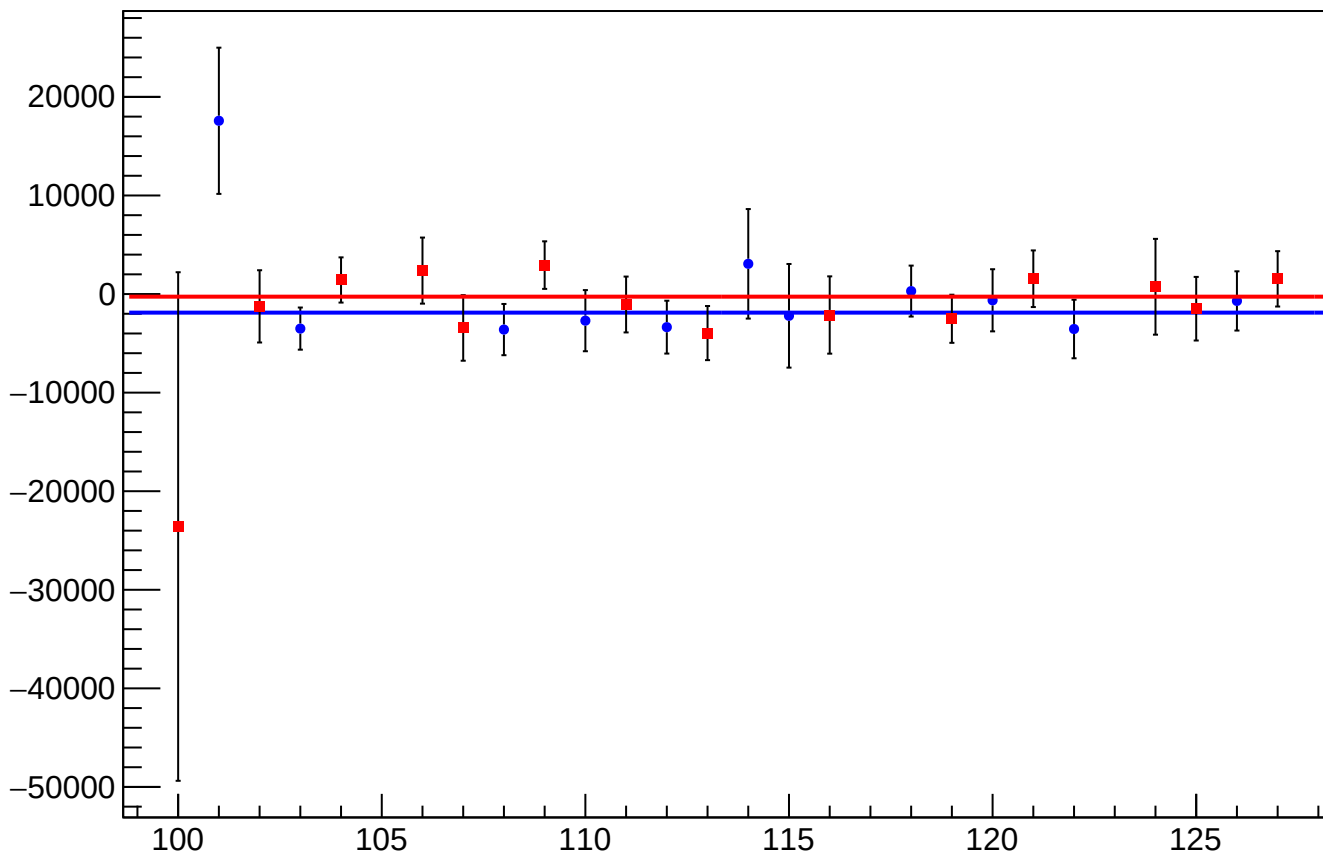
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3542.866+/-0.823 χ^2/NDF : 1198373.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr_dd_mean vs Slug



Right In: -1884.486 ± 923.975 χ^2/NDF : 10.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -264.461 ± 818.153 χ^2/NDF : 8.7/13

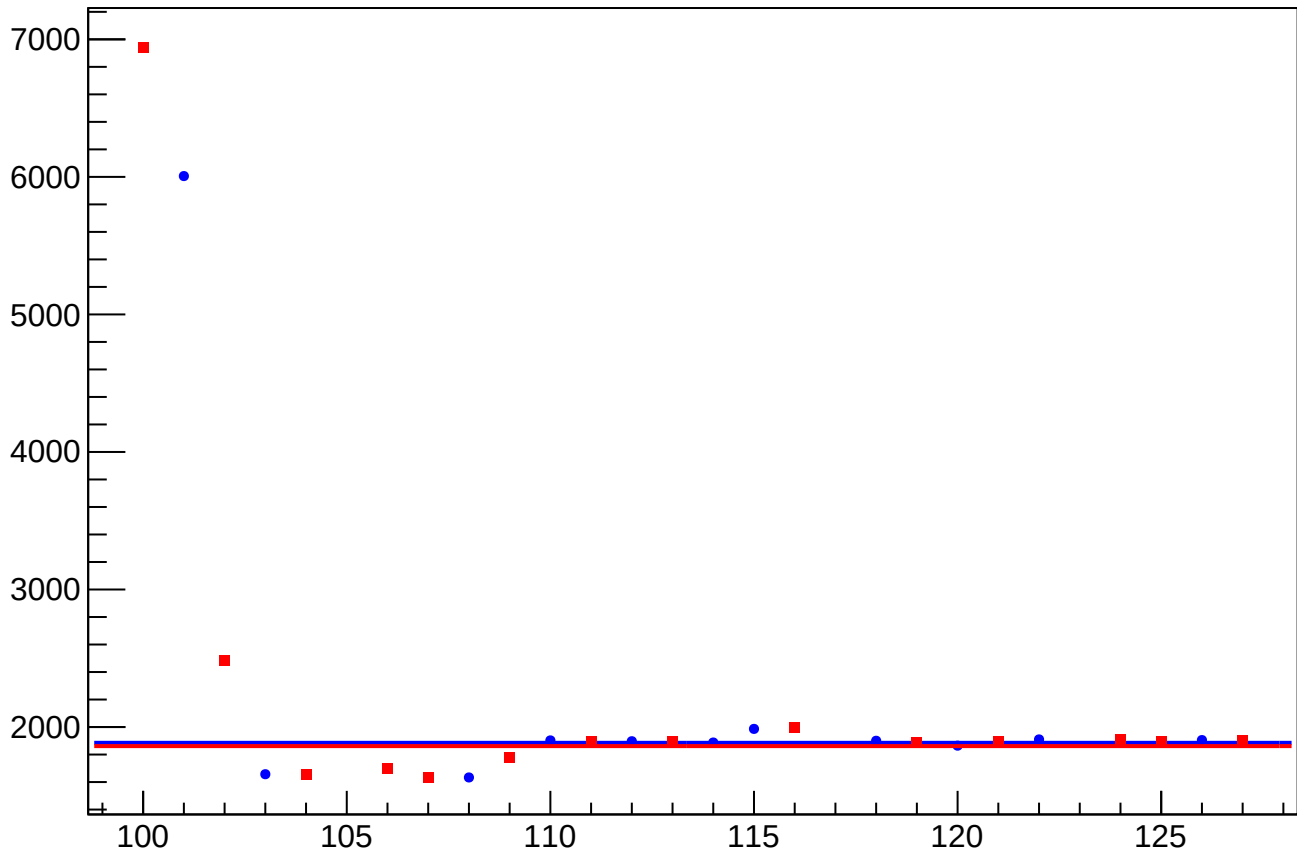
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -976.430 ± 612.534 χ^2/NDF : 20.8/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_atr_dd_rms vs Slug



Right In: 1885.284+/-0.653 χ^2/NDF : 660269.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

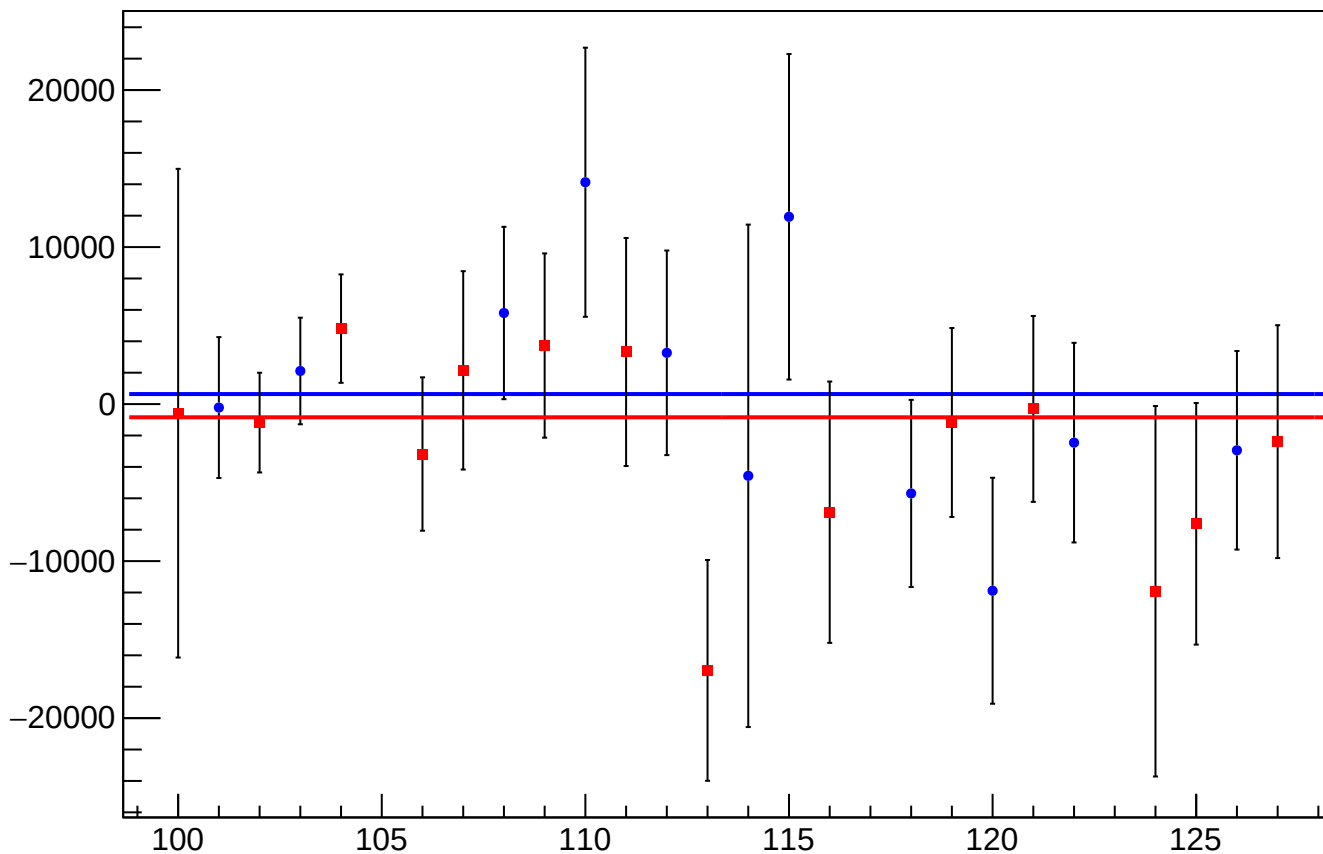
Right Out: 1861.302+/-0.578 χ^2/NDF : 172535.3/13

All: 1871.825+/-0.433 χ^2/NDF : 833560.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_dit_correction_mean vs Slug



Right In: 639.149 ± 1775.221 χ^2/NDF : 9.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -840.605 ± 1515.784 χ^2/NDF : 11.6/13

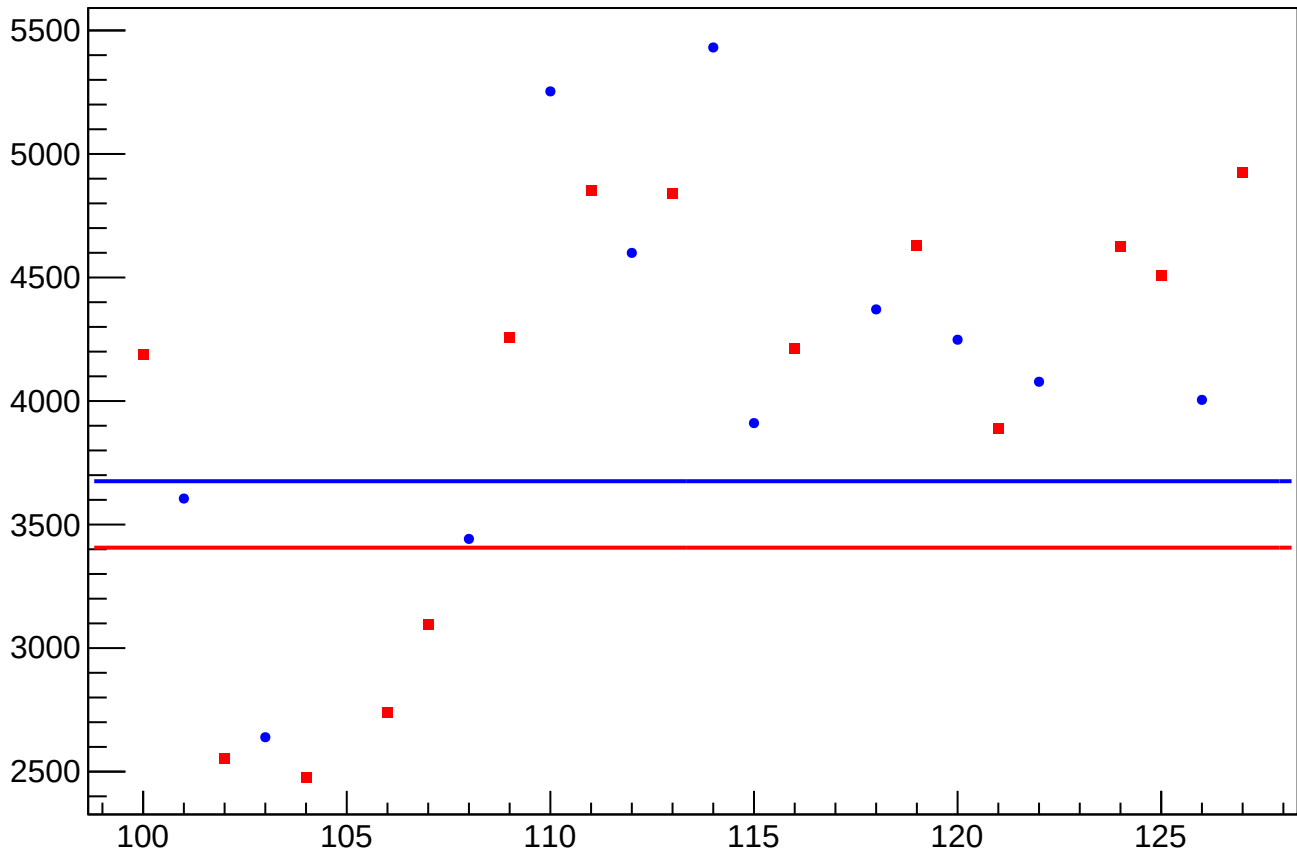
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -216.660 ± 1152.739 χ^2/NDF : 21.7/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr_dd_dit_correction_rms vs Slug



Right In: 3675.458+/-1.255 χ^2/NDF : 377029.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3406.542+/-1.072 χ^2/NDF : 802173.2/13

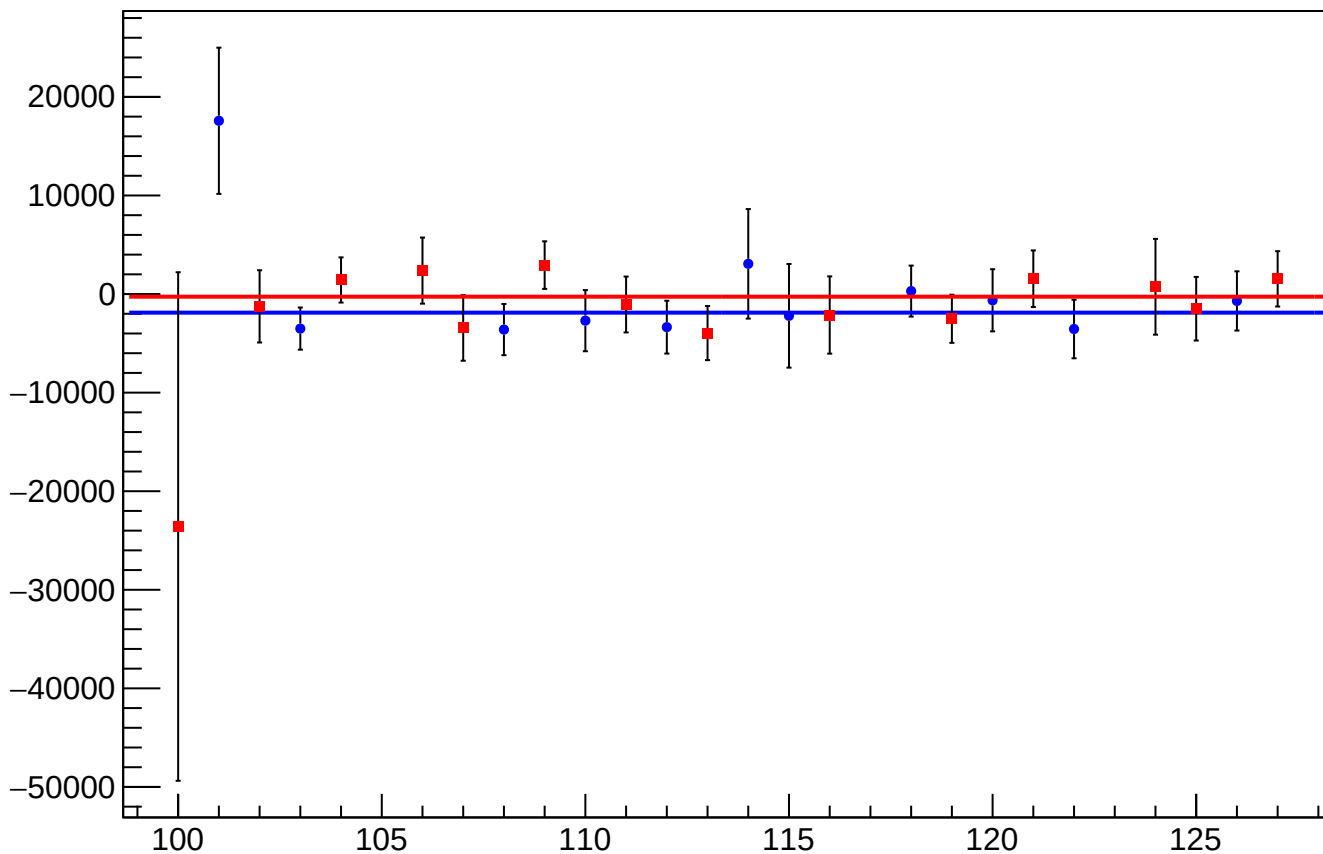
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3519.932+/-0.815 χ^2/NDF : 1205745.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr_dd_mean vs Slug



Right In: -1884.480 ± 923.975 χ^2/NDF : 10.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -264.456 ± 818.153 χ^2/NDF : 8.7/13

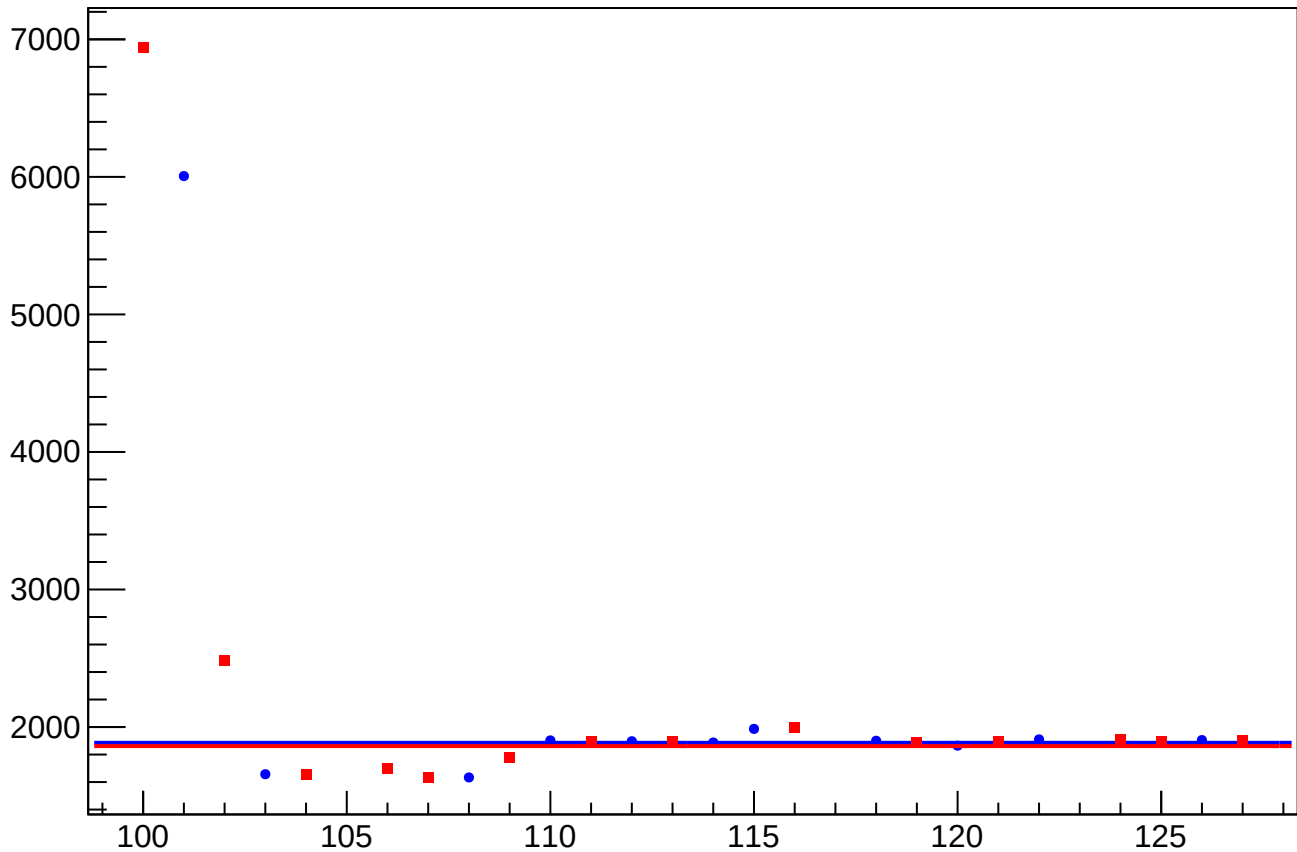
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -976.425 ± 612.534 χ^2/NDF : 20.8/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr_dd_rms vs Slug



Right In: 1885.283+/-0.653 χ^2/NDF : 660269.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1861.302+/-0.578 χ^2/NDF : 172535.3/13

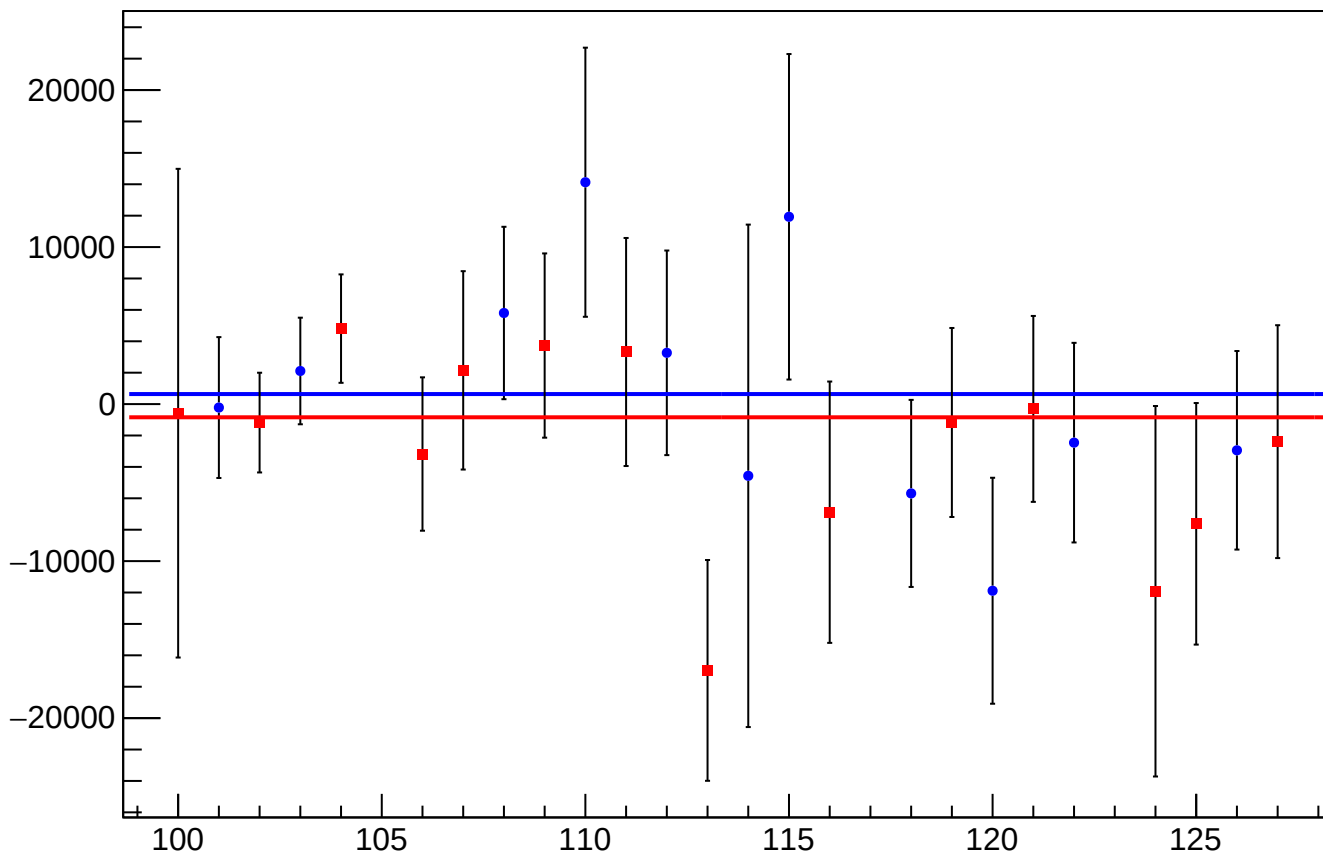
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1871.825+/-0.433 χ^2/NDF : 833560.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_dit_correction_mean vs Slug



Right In: 639.144 ± 1775.218 χ^2/NDF : 9.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -840.603 ± 1515.782 χ^2/NDF : 11.6/13

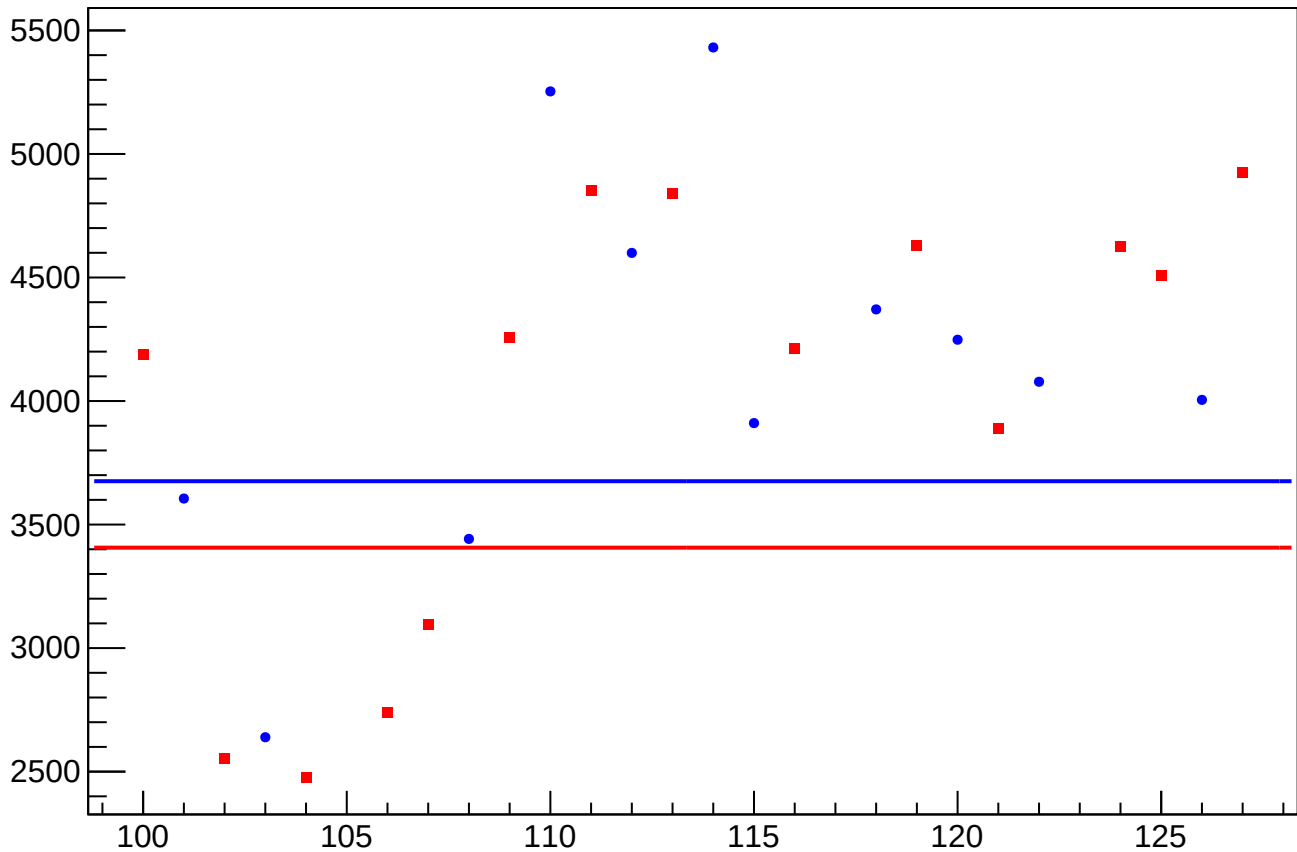
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -216.660 ± 1152.737 χ^2/NDF : 21.7/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_dit_correction_rms vs Slug



Right In: 3675.453+/-1.255 χ^2/NDF : 377025.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3406.537+/-1.072 χ^2/NDF : 802167.1/13

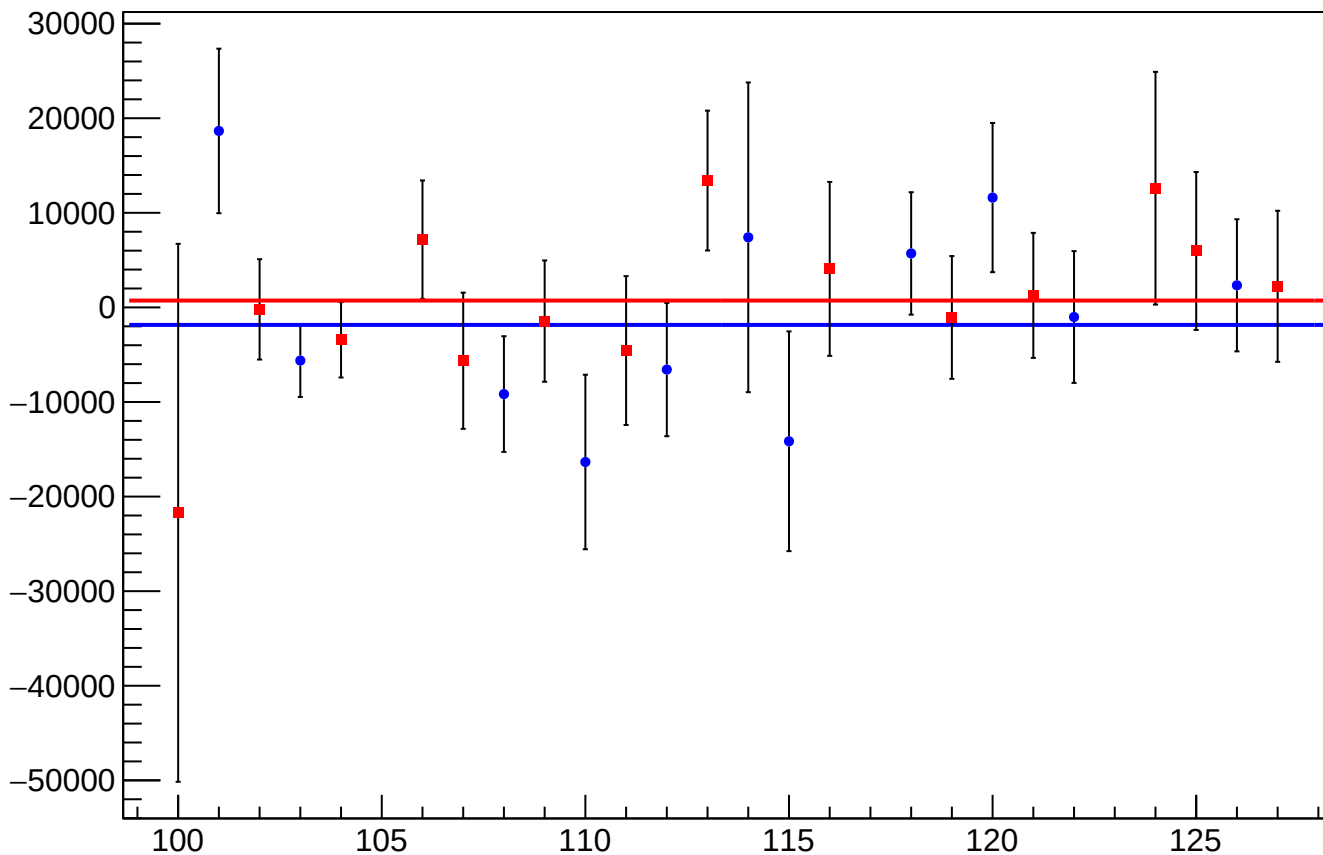
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3519.927+/-0.815 χ^2/NDF : 1205734.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_mean vs Slug



Right In: -1849.252+/-2079.509 χ^2 /NDF: 17.0/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 724.052+/-1830.583 χ^2 /NDF: 8.7/13

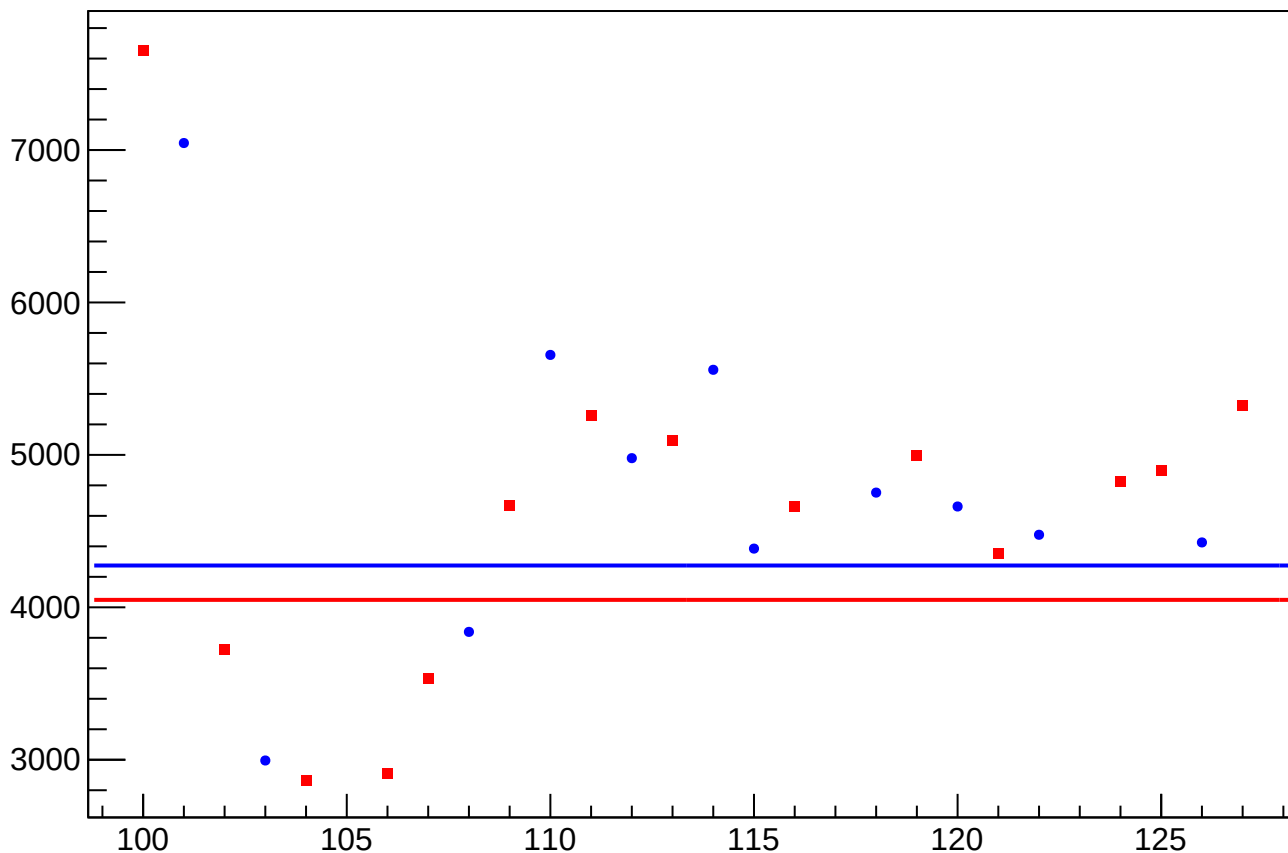
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -399.438+/-1374.042 χ^2 /NDF: 26.5/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_rms vs Slug



Right In: 4274.279 ± 1.470 $\chi^2/\text{NDF}: 528857.3/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 4048.869 ± 1.281 $\chi^2/\text{NDF}: 550471.2/13$

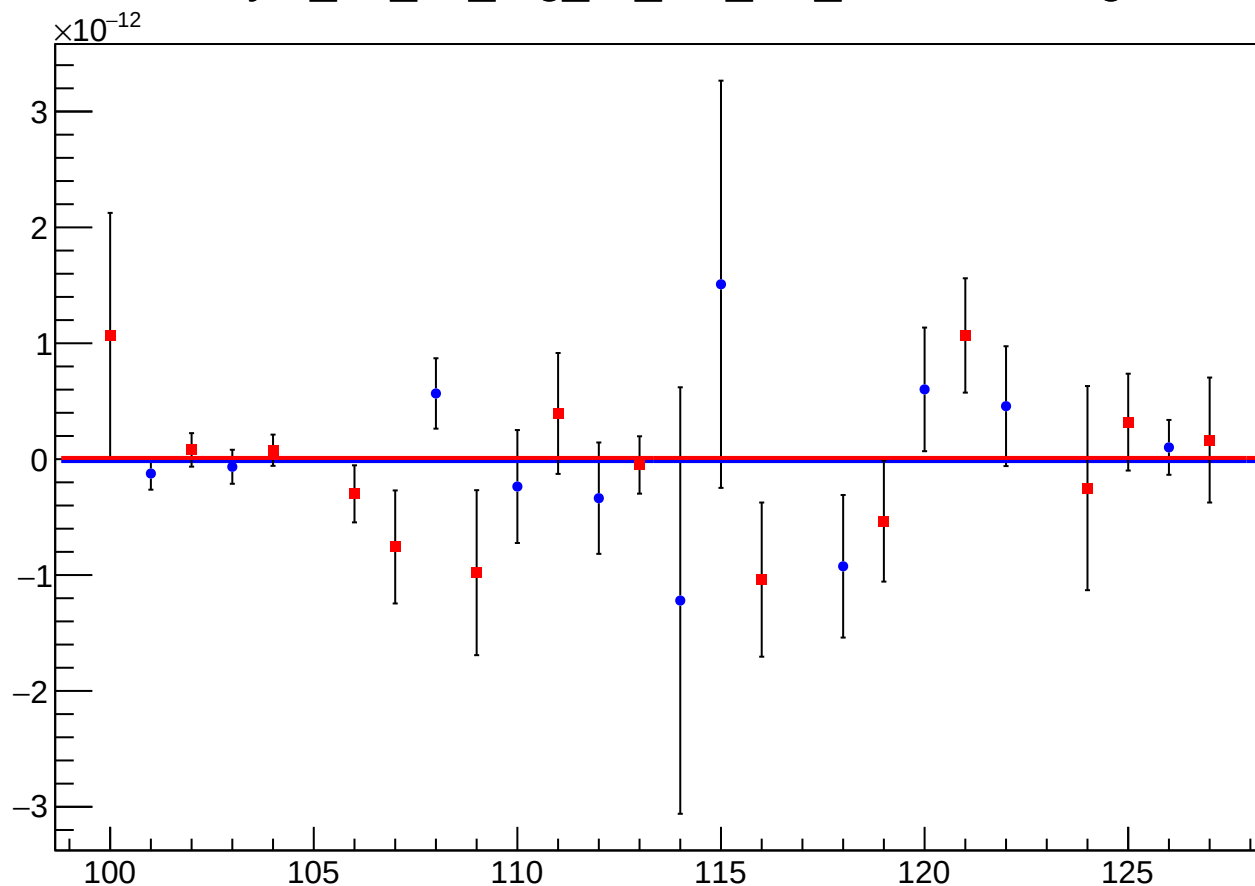
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 4146.129 ± 0.966 $\chi^2/\text{NDF}: 1092688.2/24$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_atr_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 10.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.0/13

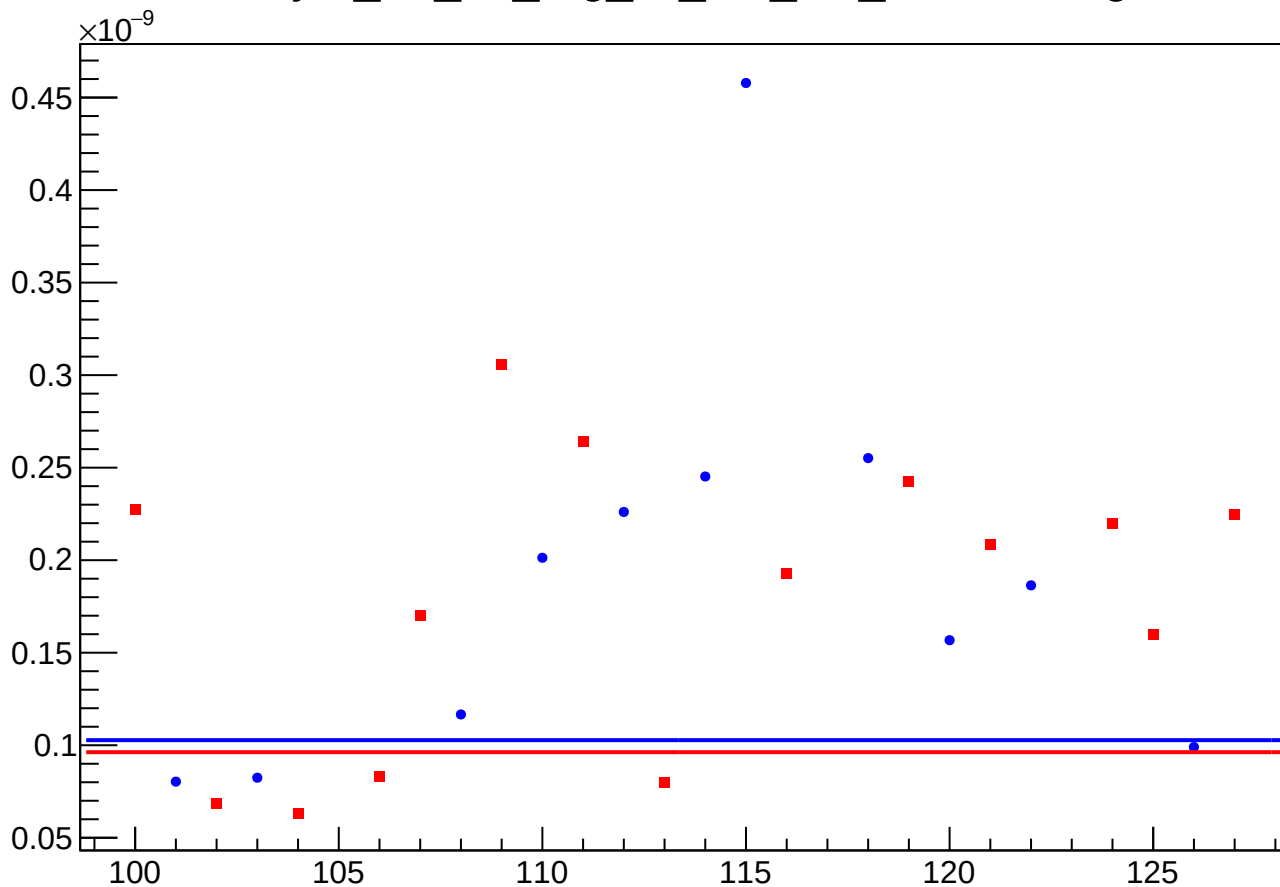
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.9/24

- 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 : 597615.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1168380.1/13

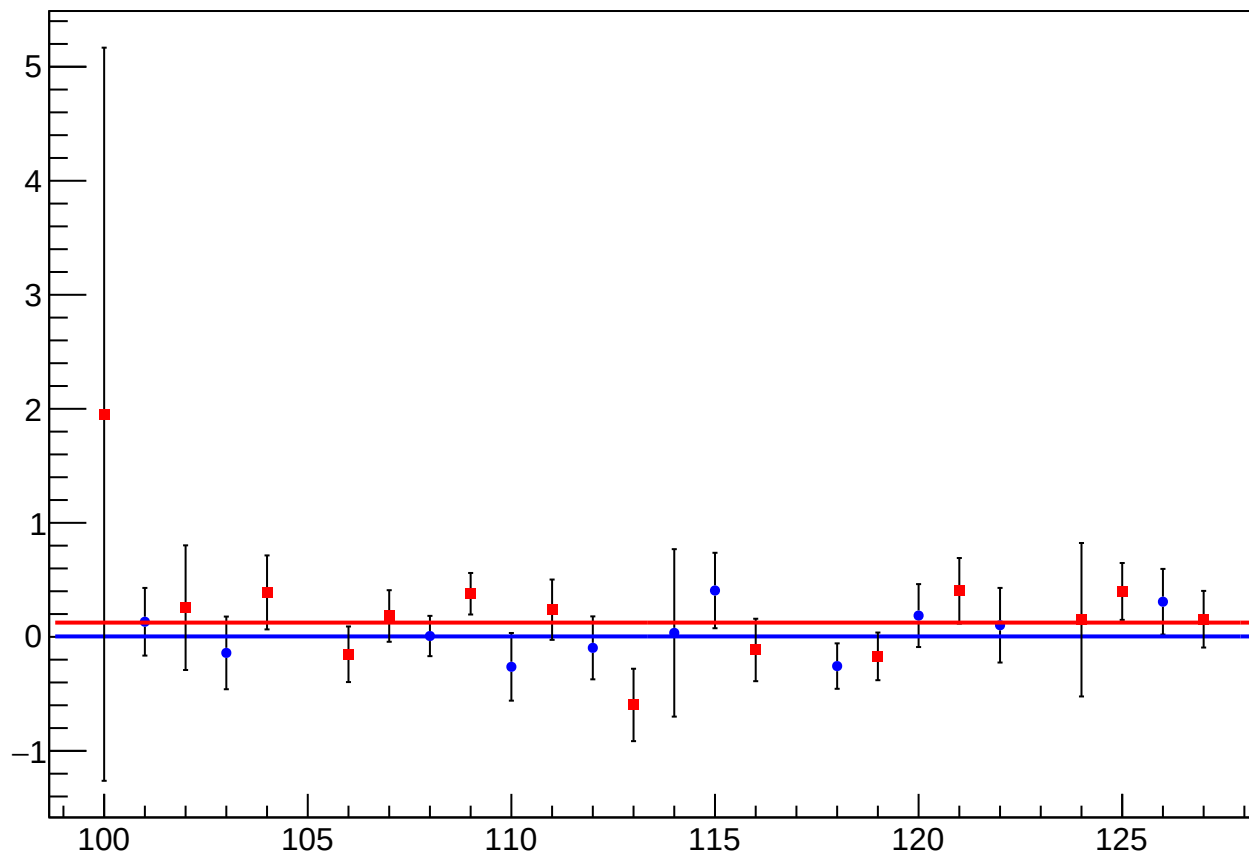
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1772562.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.004 $\pm$ 0.082 χ^2 /NDF: 6.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.125 $\pm$ 0.073 χ^2 /NDF: 14.6/13

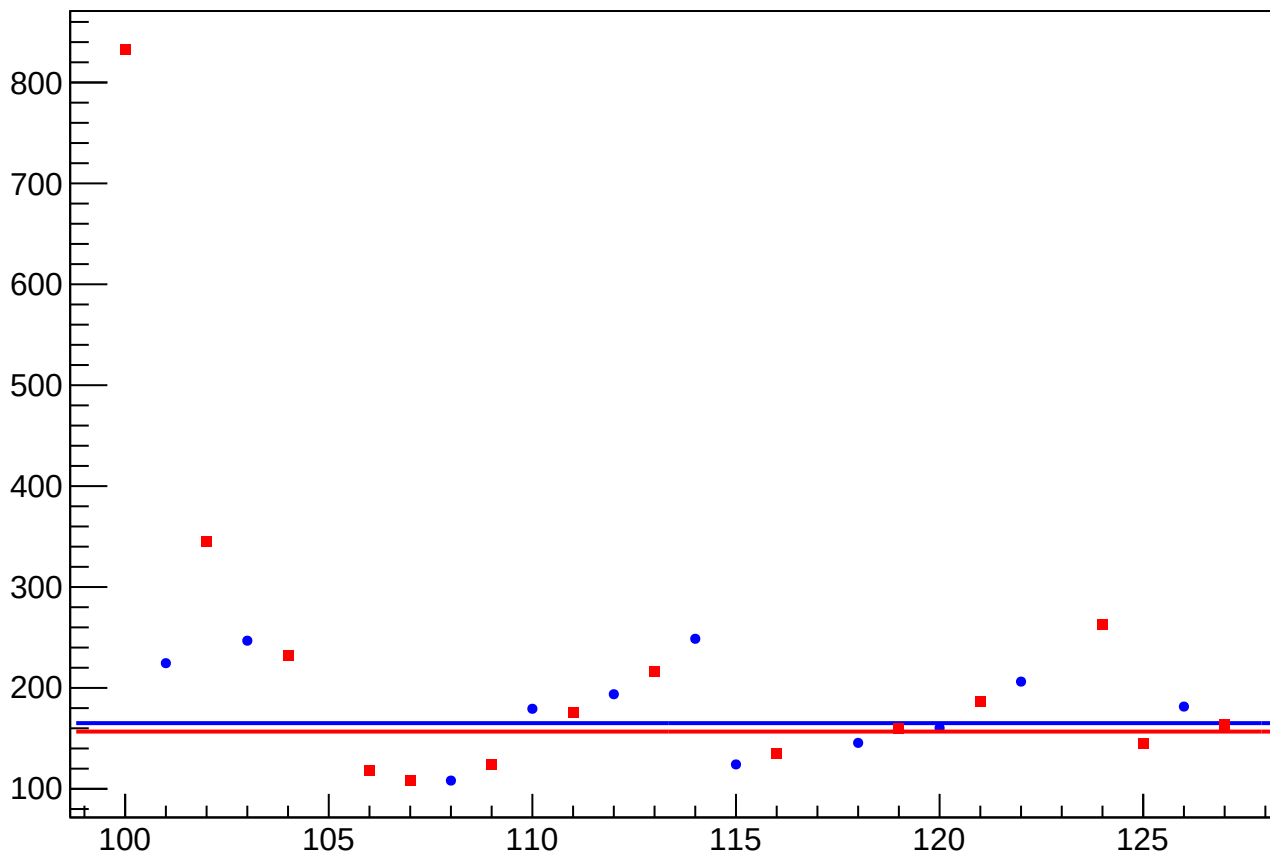
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.071 $\pm$ 0.055 χ^2 /NDF: 22.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_dit_vs_cor_diff_rms vs Slug



Right In: 165.120+/-0.058 χ^2/NDF : 559993.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.746+/-0.052 χ^2/NDF : 811278.3/13

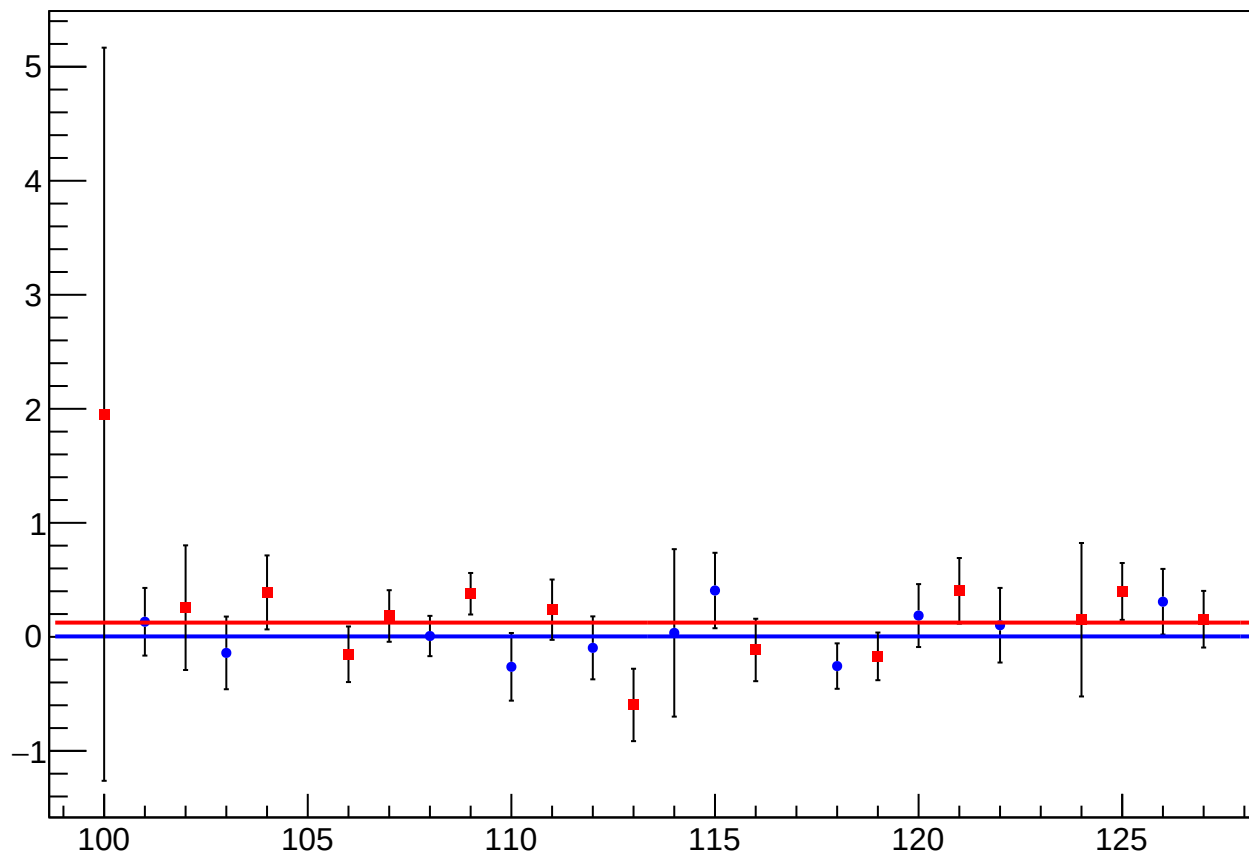
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.458+/-0.039 χ^2/NDF : 1382864.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.004 $\pm$ 0.082 χ^2 /NDF: 6.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.125 $\pm$ 0.073 χ^2 /NDF: 14.6/13

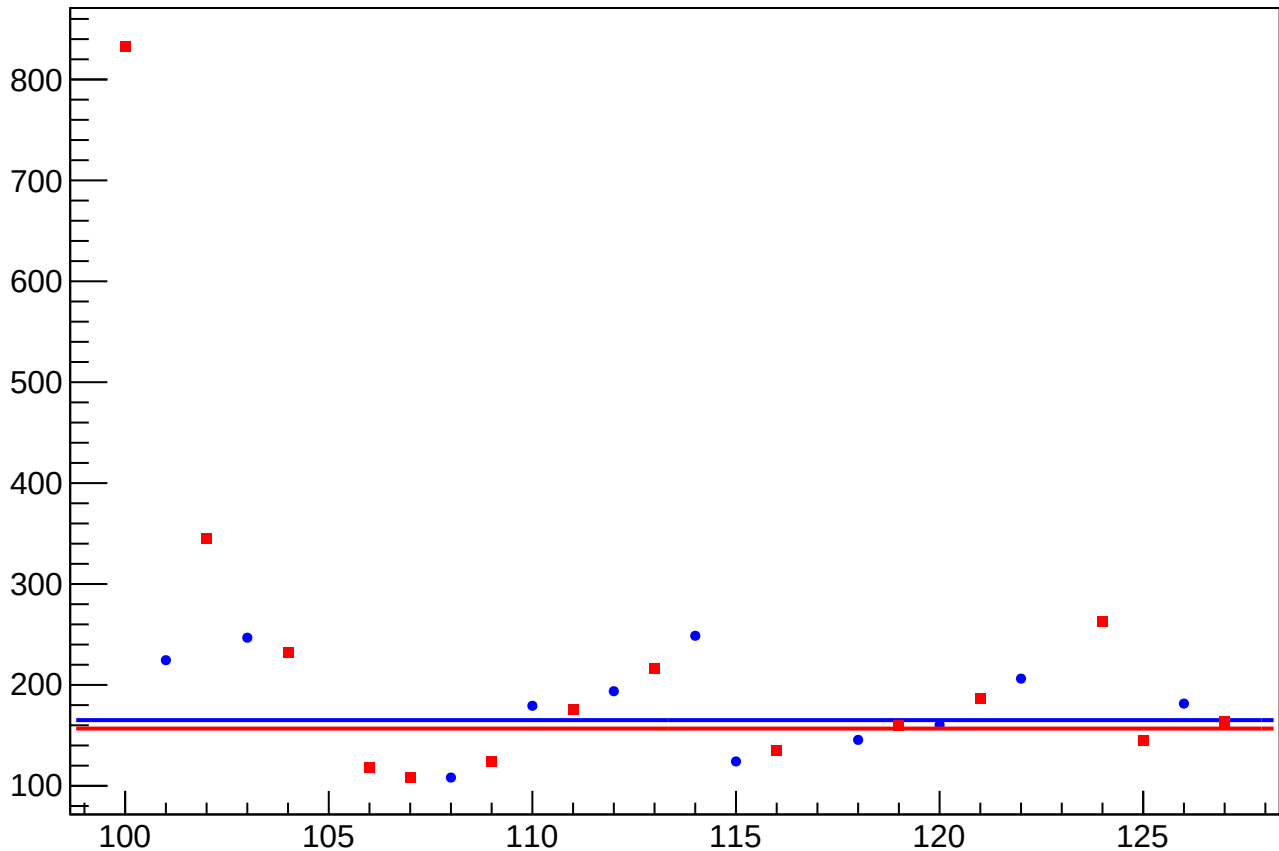
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.071 $\pm$ 0.055 χ^2 /NDF: 22.0/24

- 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: 165.120+/-0.058 χ^2/NDF : 559993.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.746+/-0.052 χ^2/NDF : 811278.3/13

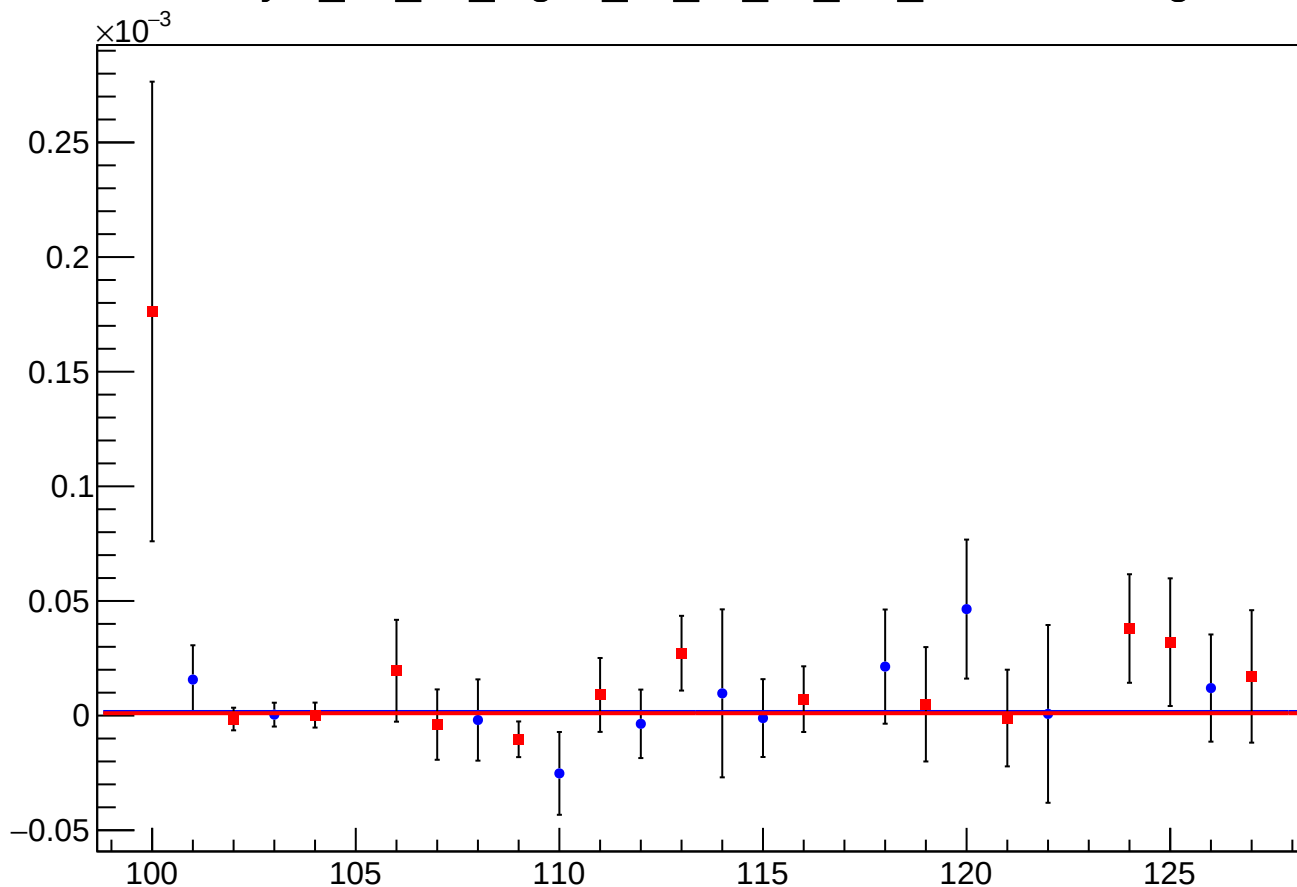
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.458+/-0.039 χ^2/NDF : 1382864.5/24

- 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: 6.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.3/13

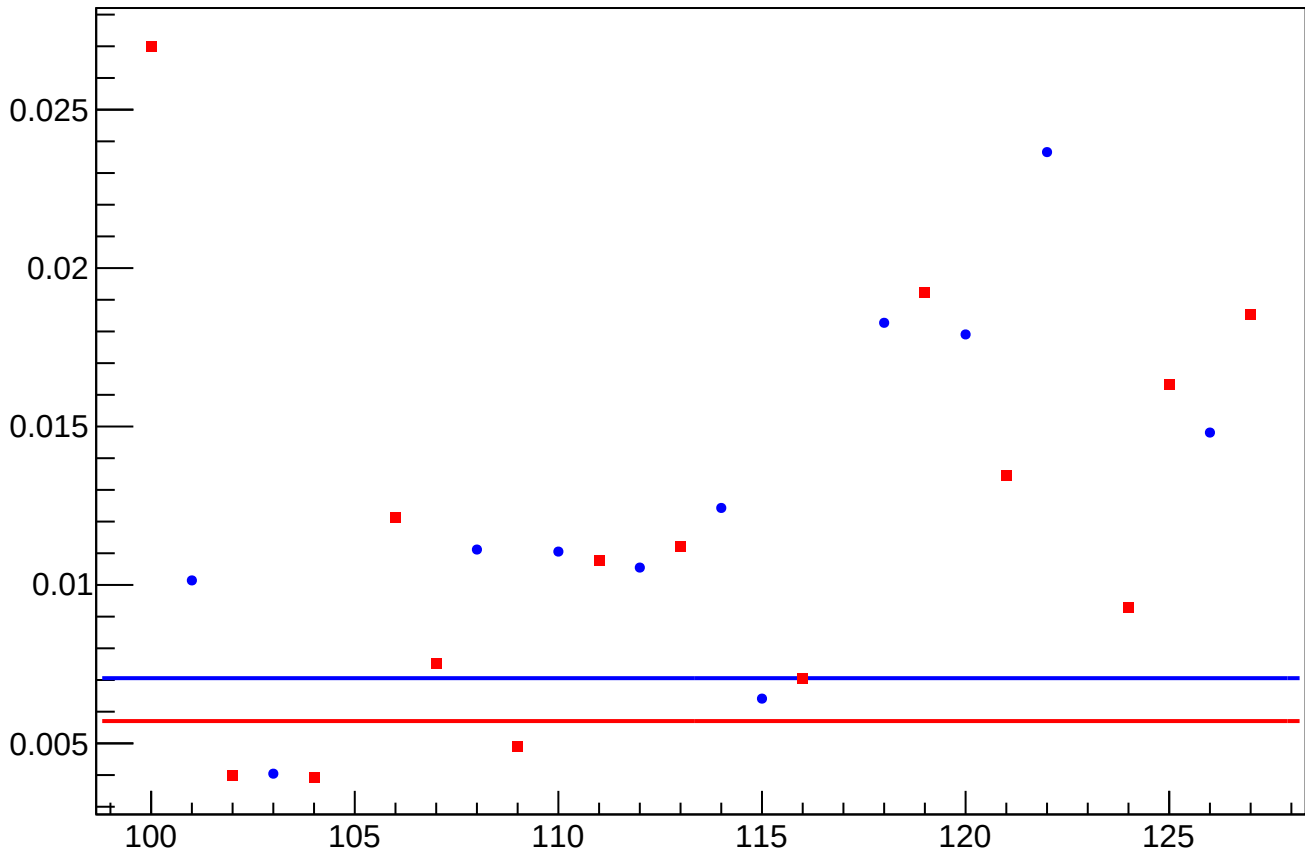
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.7/24

- 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: 0.007+/-0.000 χ^2/NDF : 2363163.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 2800123.8/13

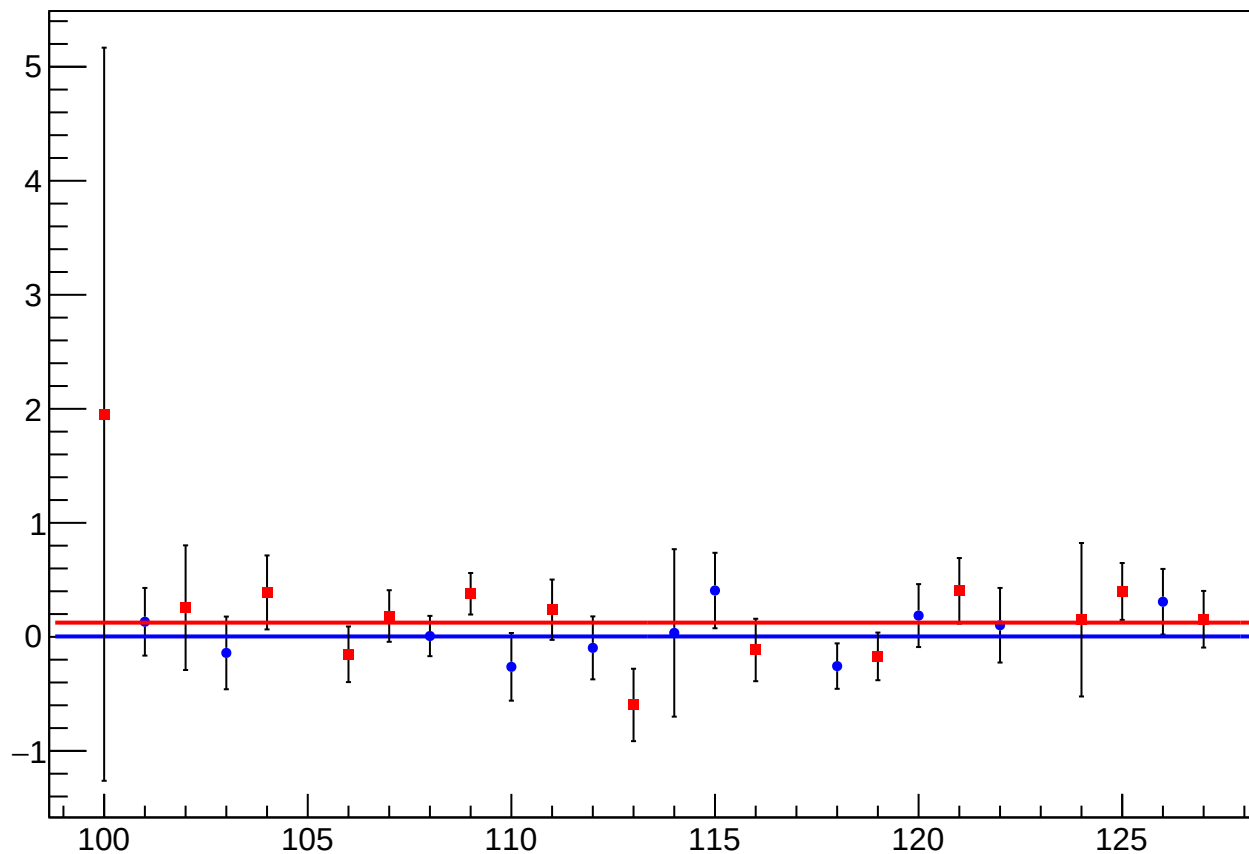
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 5311807.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.004+/-0.082 χ^2/NDF : 6.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.125+/-0.073 χ^2/NDF : 14.6/13

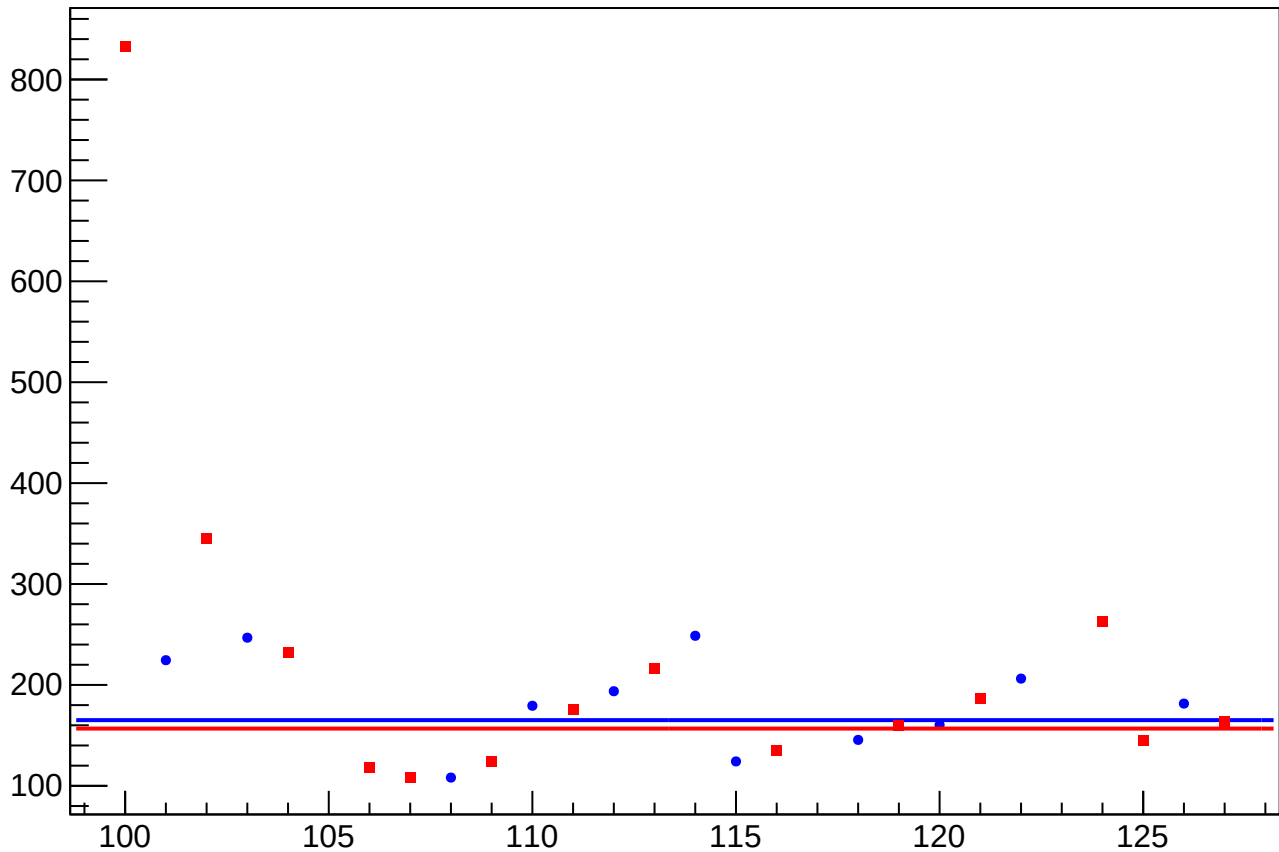
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.071+/-0.055 χ^2/NDF : 22.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 165.118+/-0.058 χ^2/NDF : 560049.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.747+/-0.052 χ^2/NDF : 811278.6/13

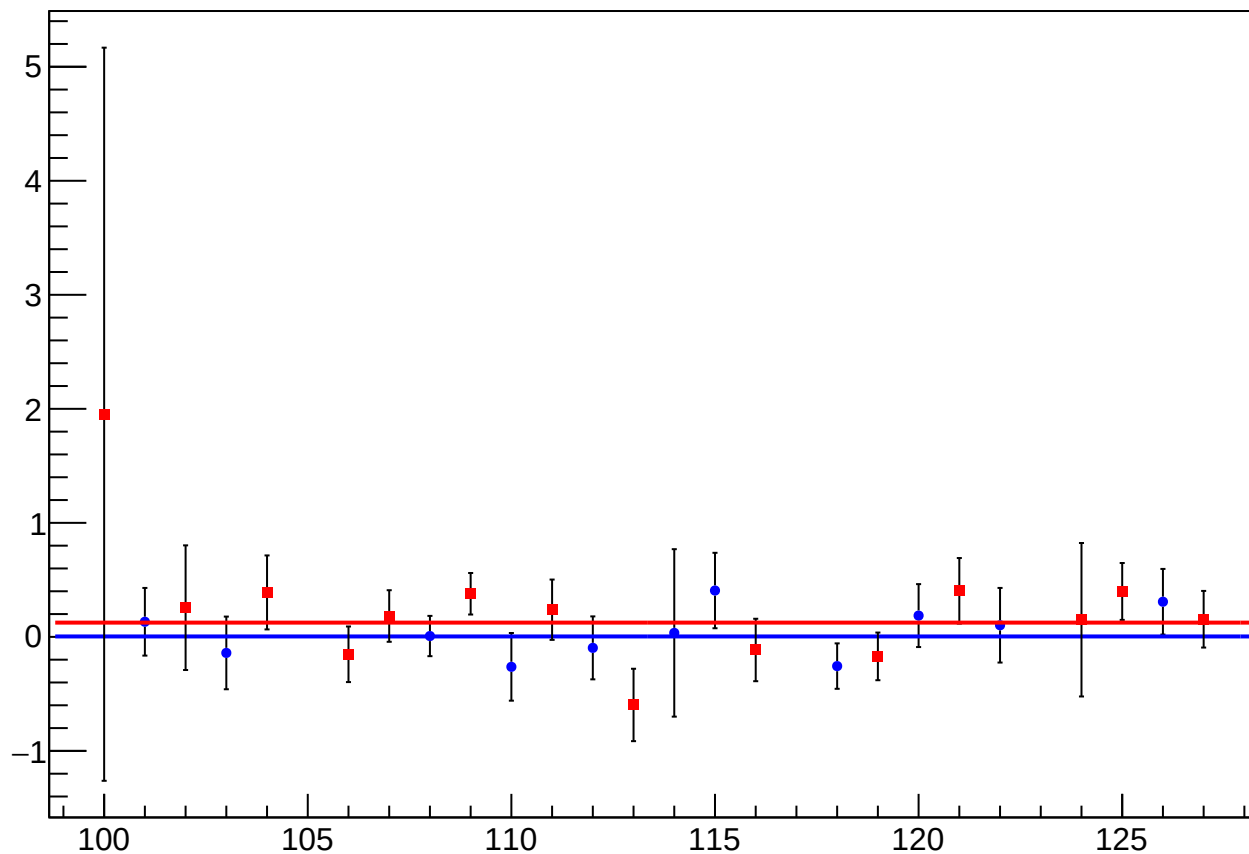
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.457+/-0.039 χ^2/NDF : 1382911.9/24

- 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: 0.004 $\pm$ 0.082 χ^2 /NDF: 6.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.125 $\pm$ 0.073 χ^2 /NDF: 14.6/13

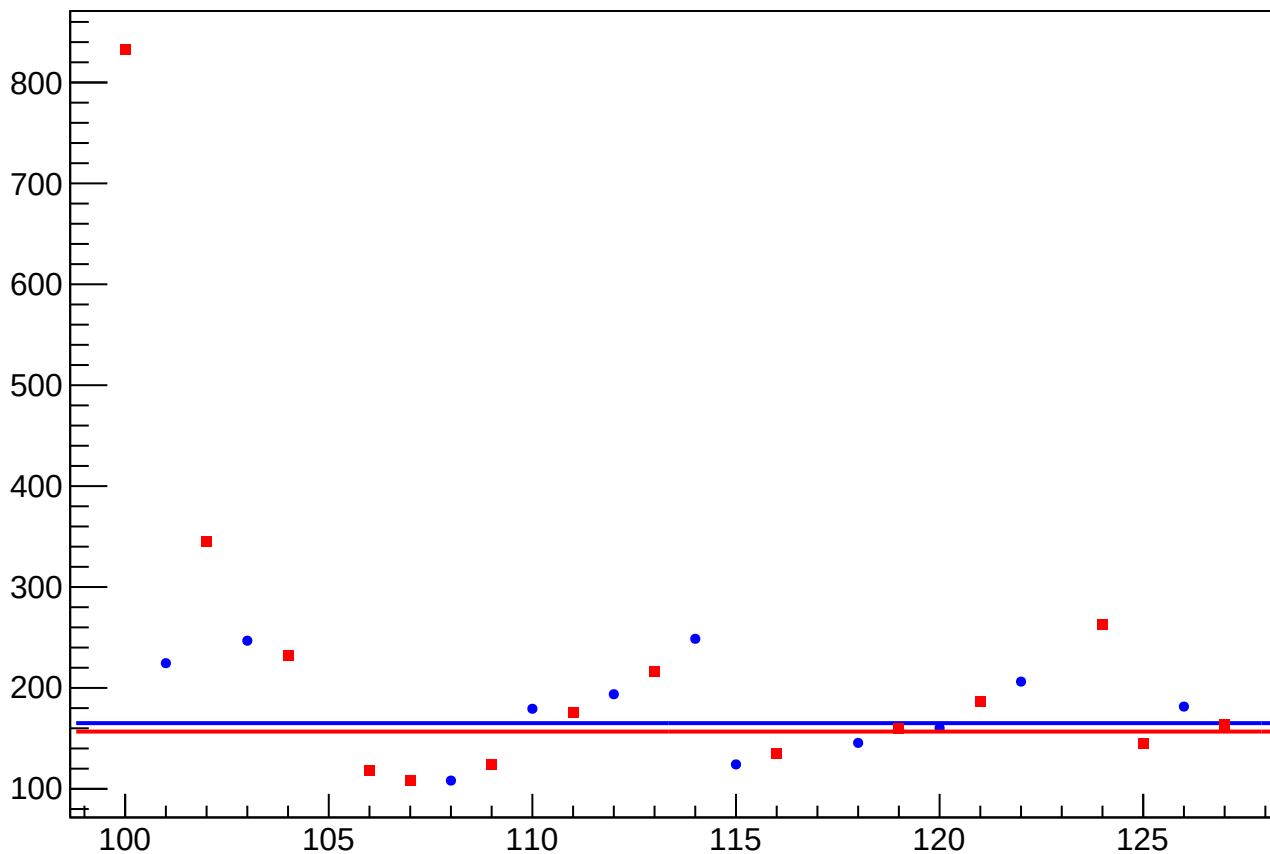
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.071 $\pm$ 0.055 χ^2 /NDF: 22.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 165.118+/-0.058 χ^2/NDF : 560049.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.747+/-0.052 χ^2/NDF : 811278.6/13

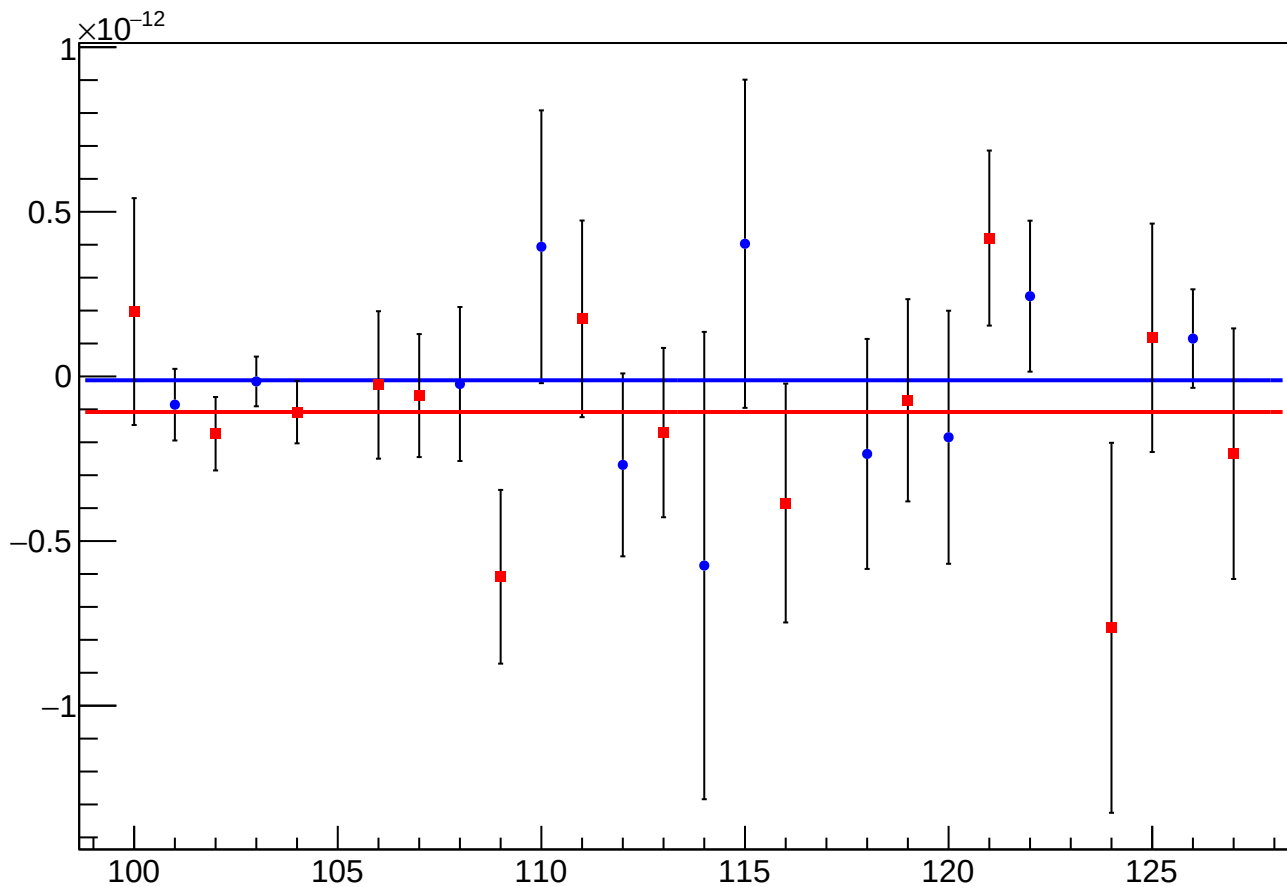
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.457+/-0.039 χ^2/NDF : 1382911.9/24

- 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 $\pm$ 0.000 χ^2 /NDF: 6.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.3/13

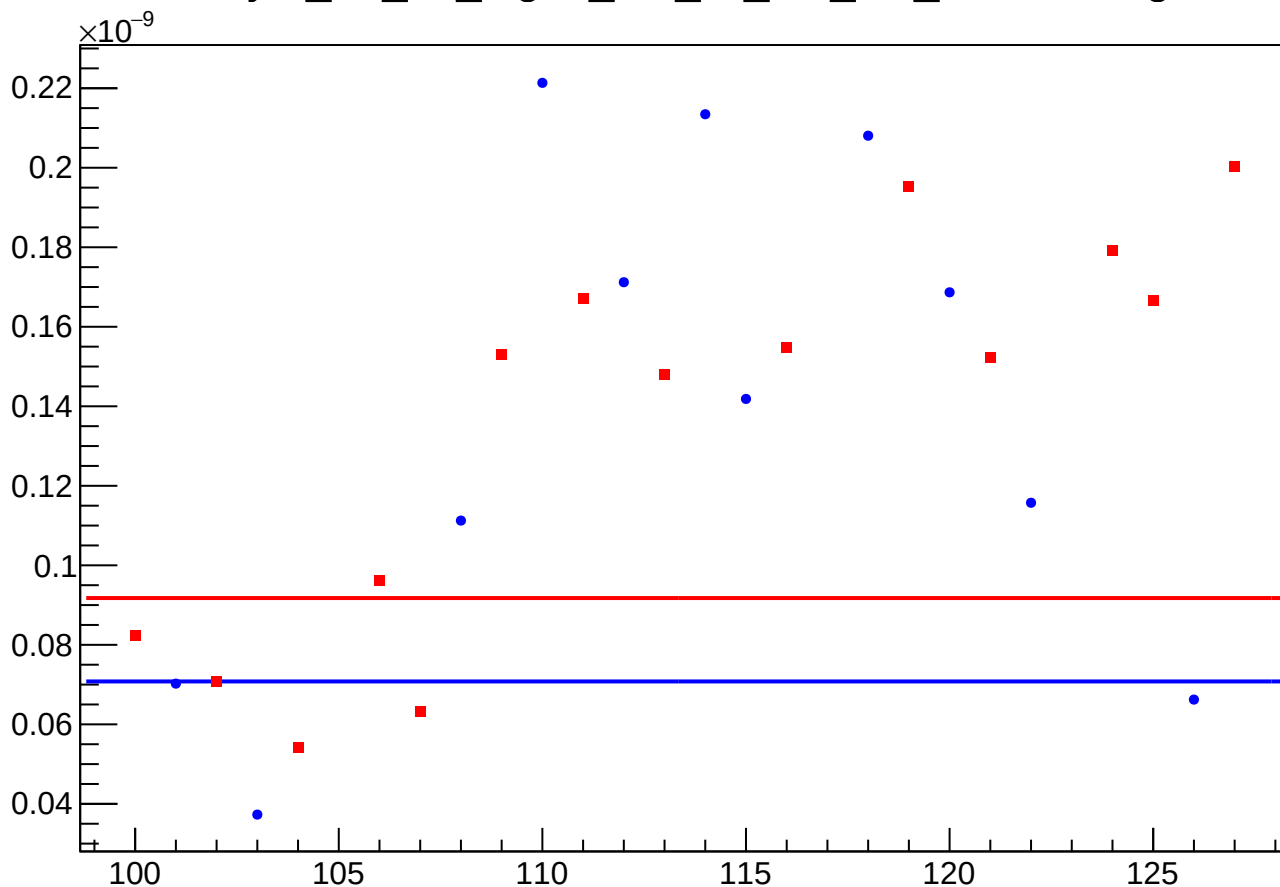
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 20.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1618262.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1458022.9/13

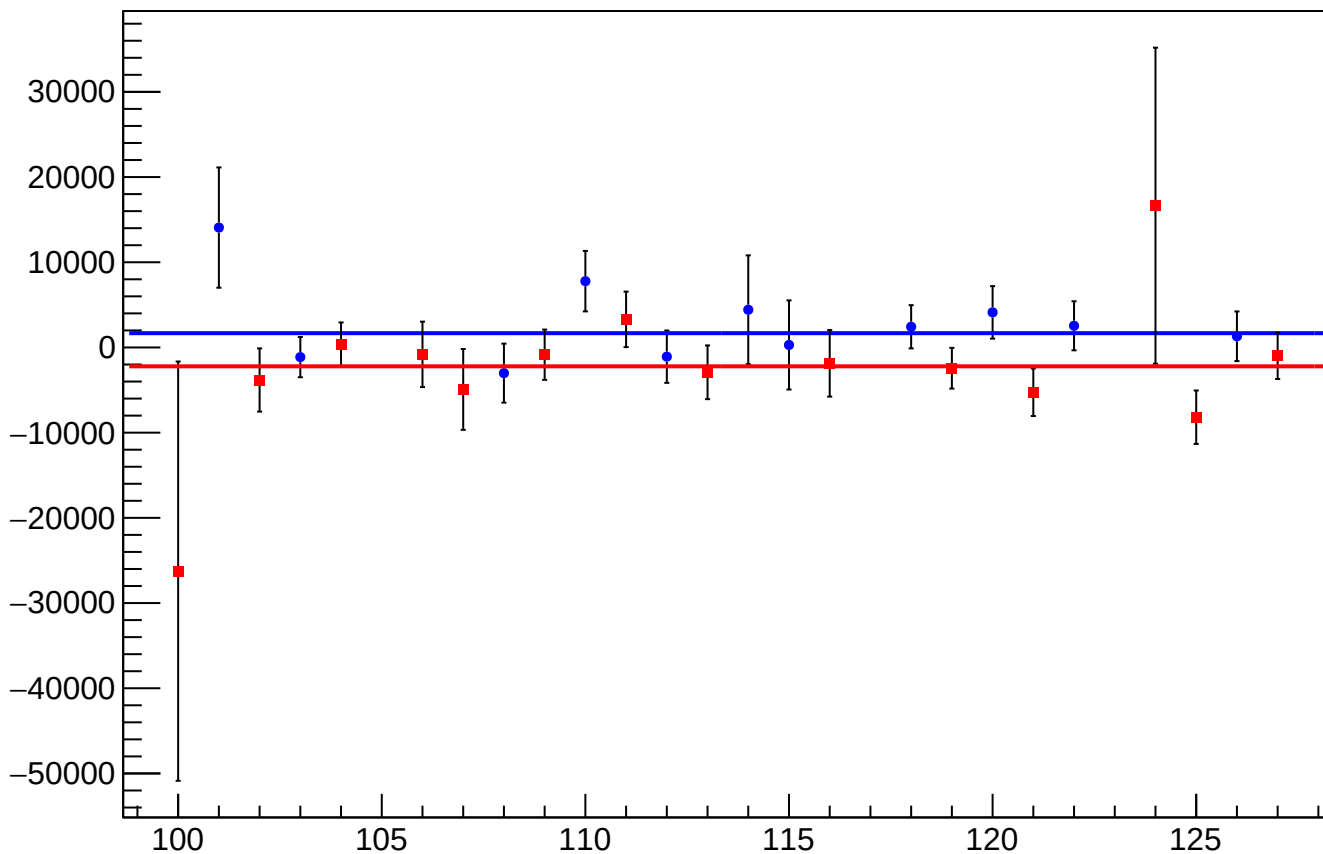
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3234581.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_avg_mean vs Slug



Right In: 1676.412+/-986.177 χ^2/NDF : 11.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2213.034+/-893.742 χ^2/NDF : 11.7/13

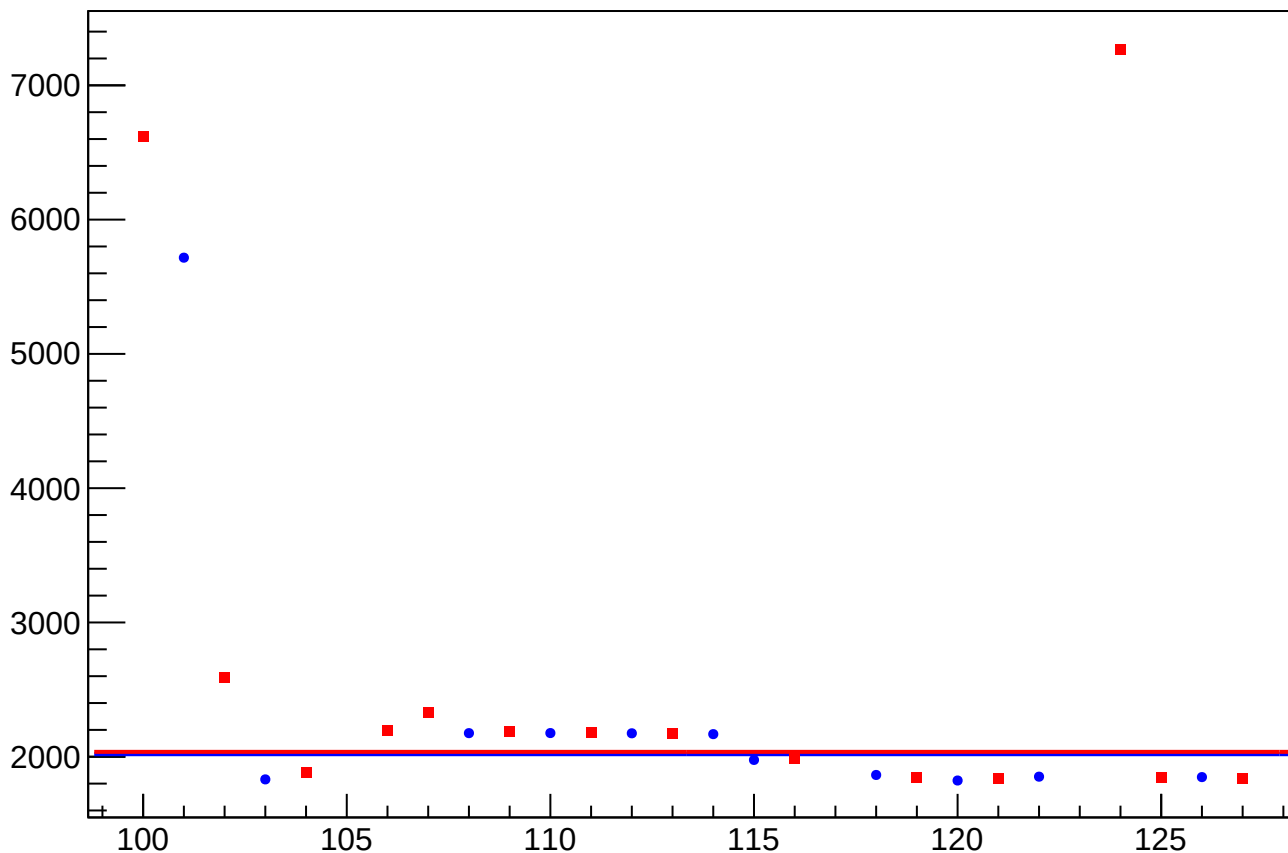
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -459.093+/-662.245 χ^2/NDF : 31.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_rms vs Slug



Right In: 2018.853+/-0.697 χ^2/NDF : 604791.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2036.497+/-0.632 χ^2/NDF : 345263.1/13

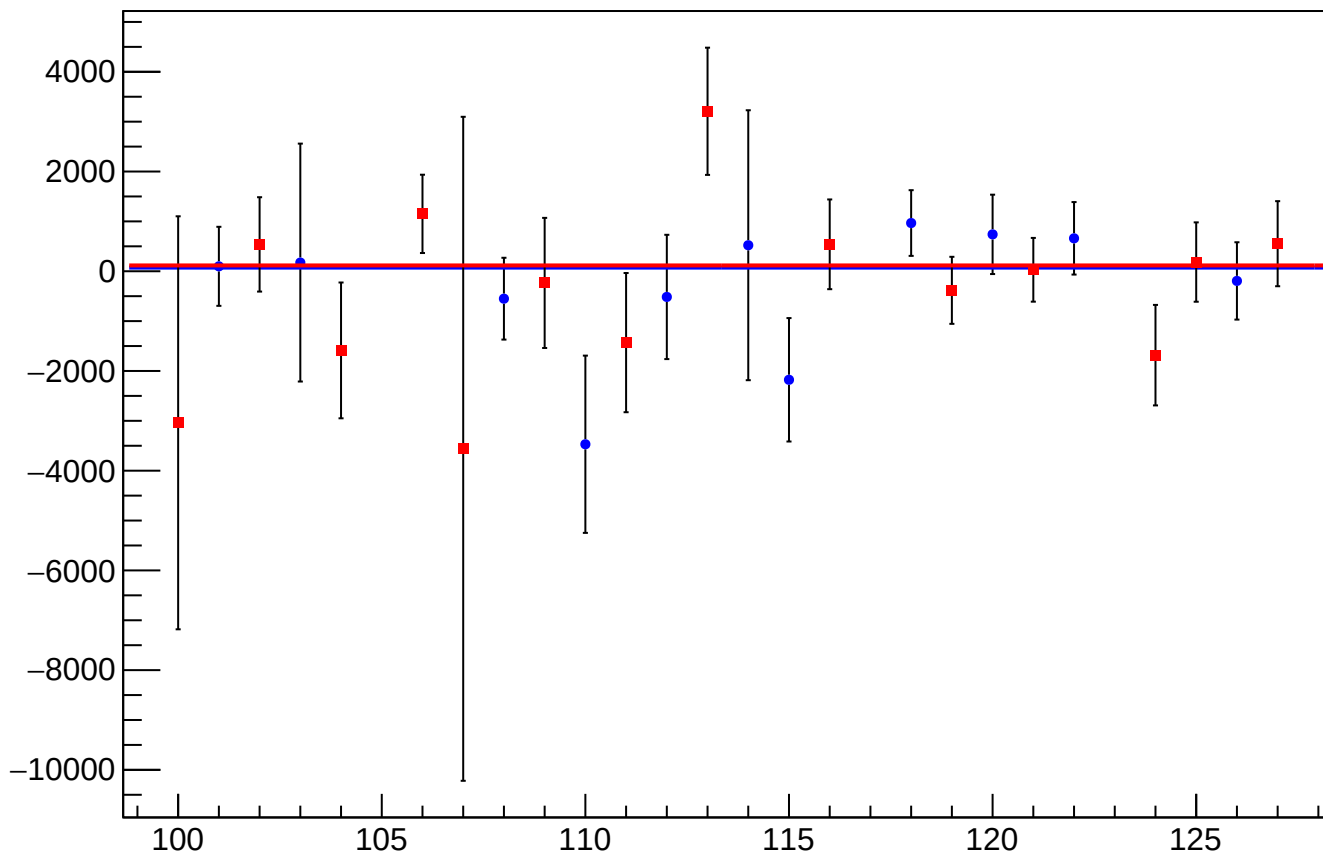
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2028.540+/-0.468 χ^2/NDF : 950406.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_reg_correction_mean vs Slug



Right In: 73.363+/-283.520 χ^2 /NDF: 11.4/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 116.584+/-259.017 χ^2 /NDF: 15.8/13

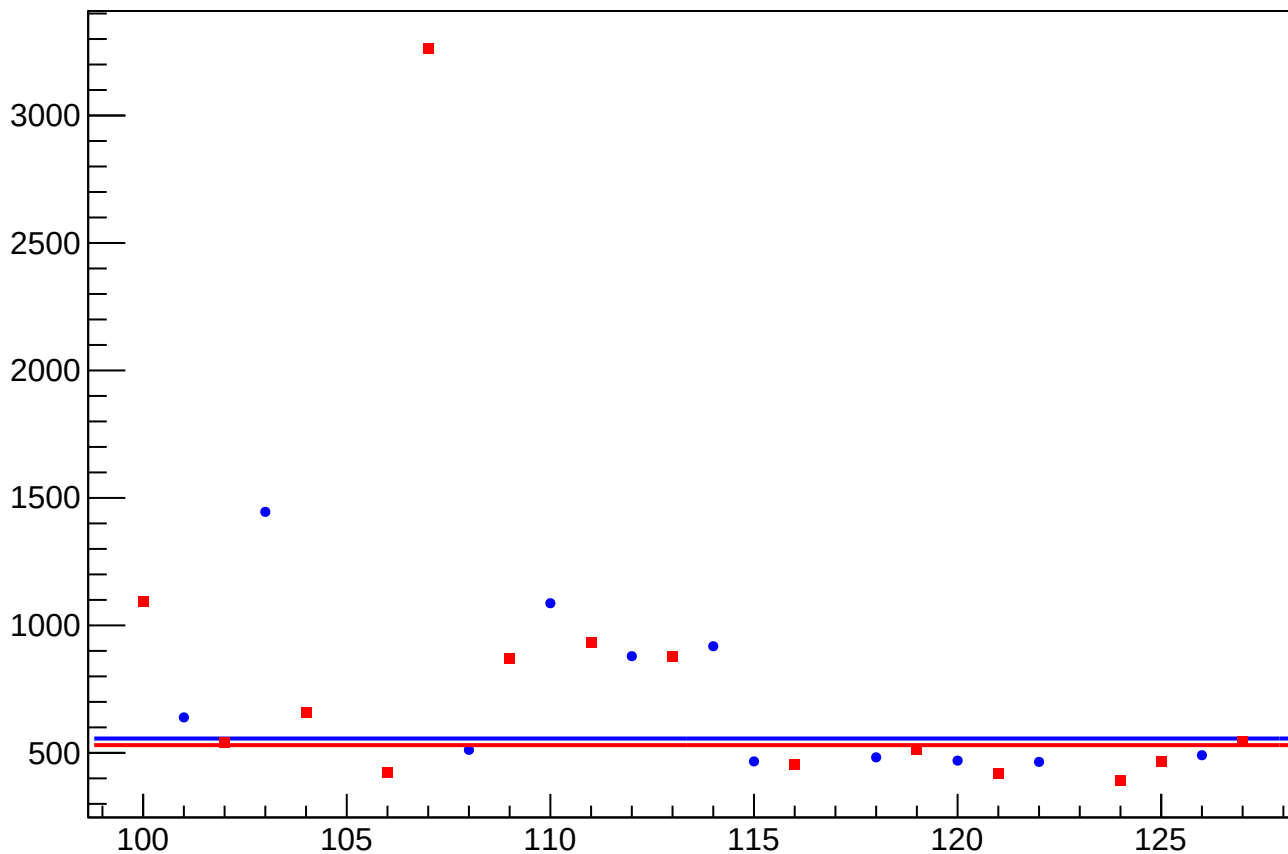
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 96.922+/-191.230 χ^2 /NDF: 27.2/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_reg_correction_rms vs Slug



Right In: 556.255+/-0.200 χ^2/NDF : 759200.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 530.411+/-0.183 χ^2/NDF : 1006829.1/13

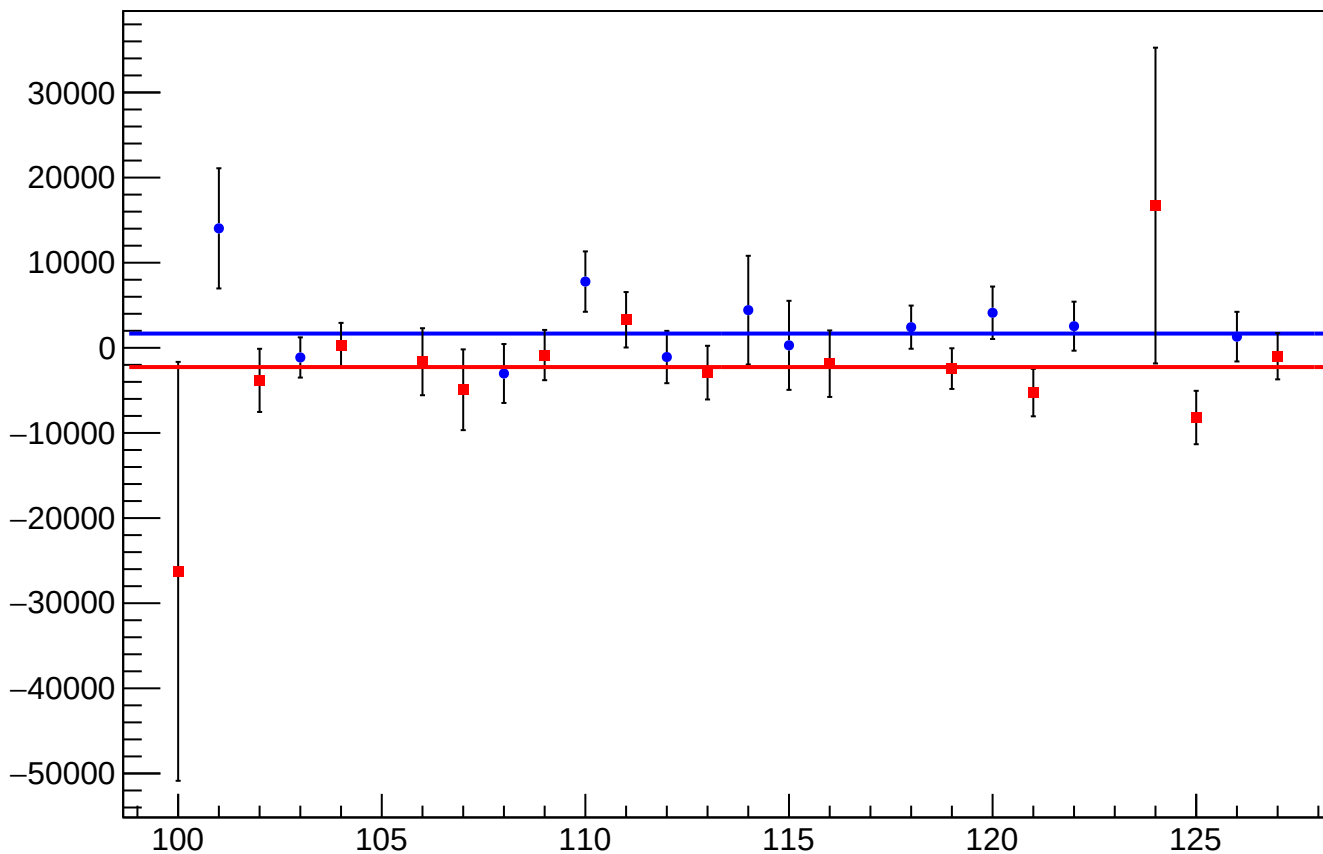
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 542.168+/-0.135 χ^2/NDF : 1775088.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at1_avg_mean vs Slug



Right In: 1675.917+/-986.177 χ^2/NDF : 11.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2259.504+/-894.901 χ^2/NDF : 11.6/13

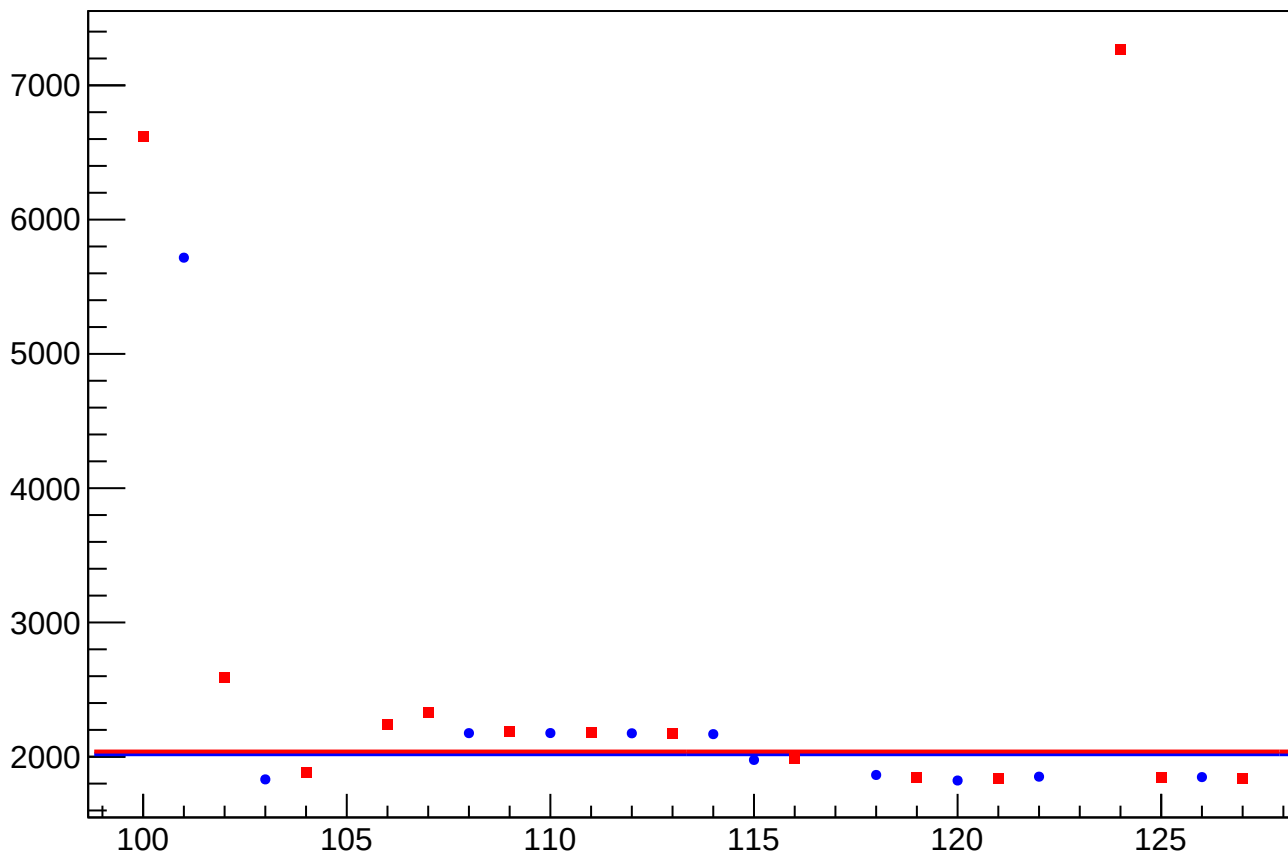
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -482.305+/-662.716 χ^2/NDF : 31.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at1_avg_rms vs Slug



Right In: 2018.852+/-0.697 χ^2/NDF : 604791.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

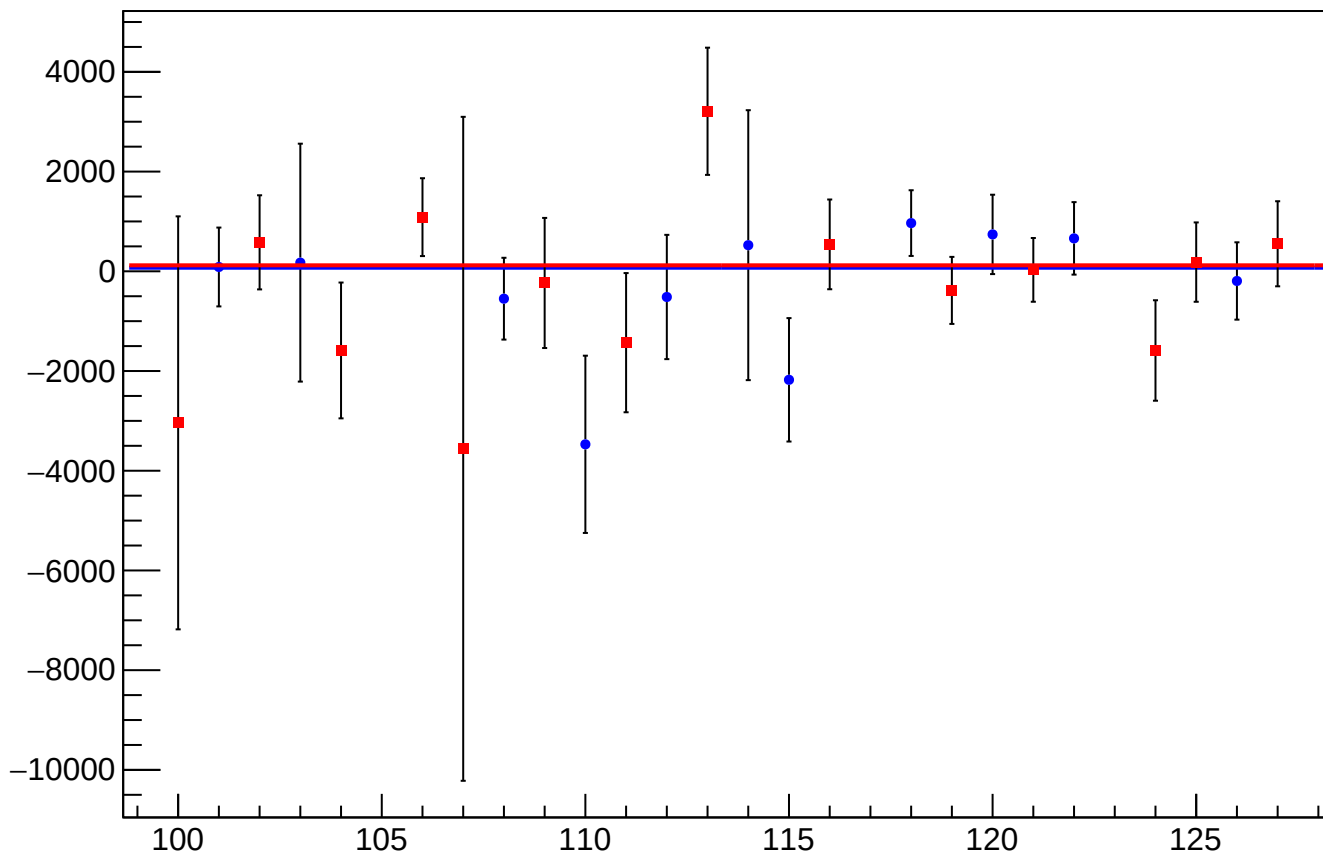
Right Out: 2038.716+/-0.633 χ^2/NDF : 347471.4/13

All: 2029.746+/-0.469 χ^2/NDF : 952707.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_cor_correction_mean vs Slug



Right In: 72.004+/-283.429 χ^2/NDF : 11.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.164+/-258.799 χ^2/NDF : 15.3/13

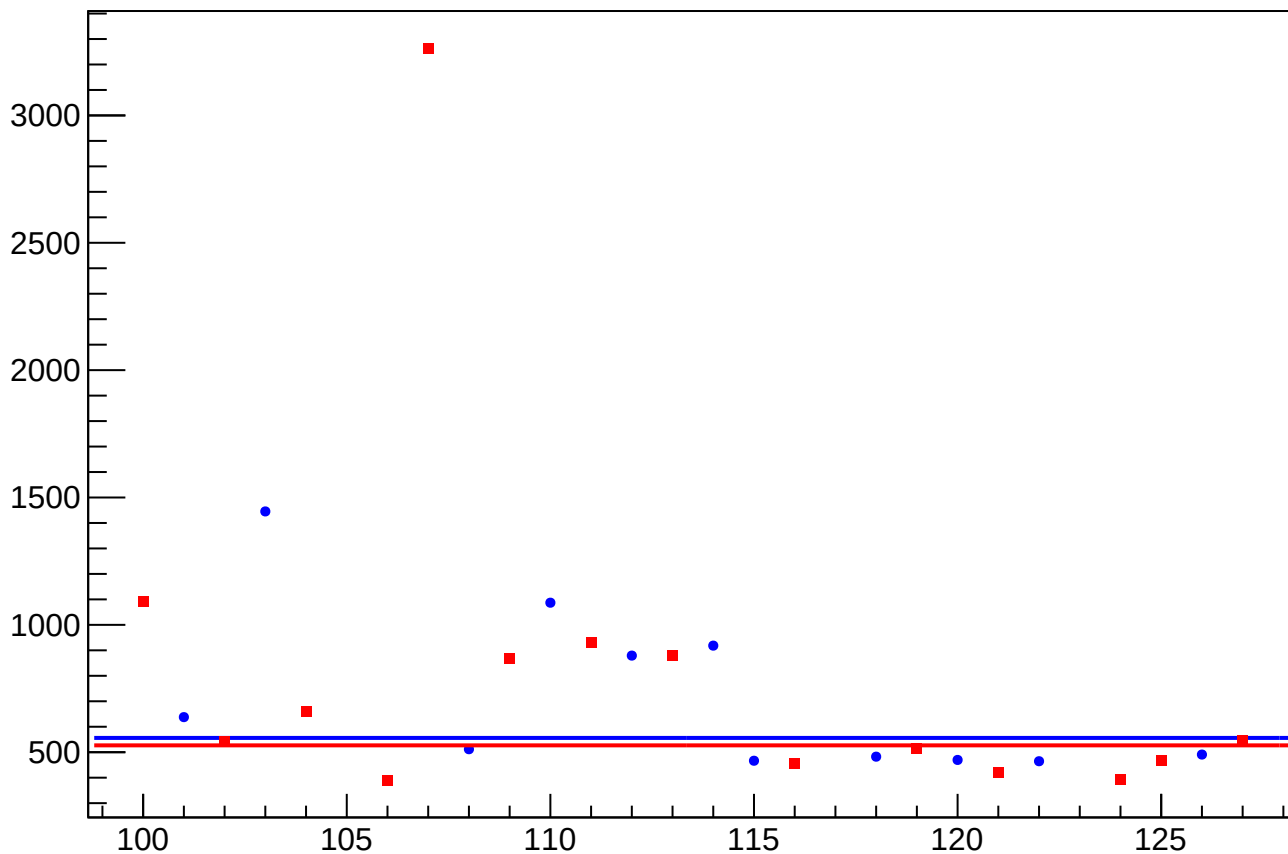
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.267+/-191.114 χ^2/NDF : 26.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_cor_correction_rms vs Slug



Right In: 556.129+/-0.200 χ^2/NDF : 758556.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 526.911+/-0.183 χ^2/NDF : 1034989.8/13

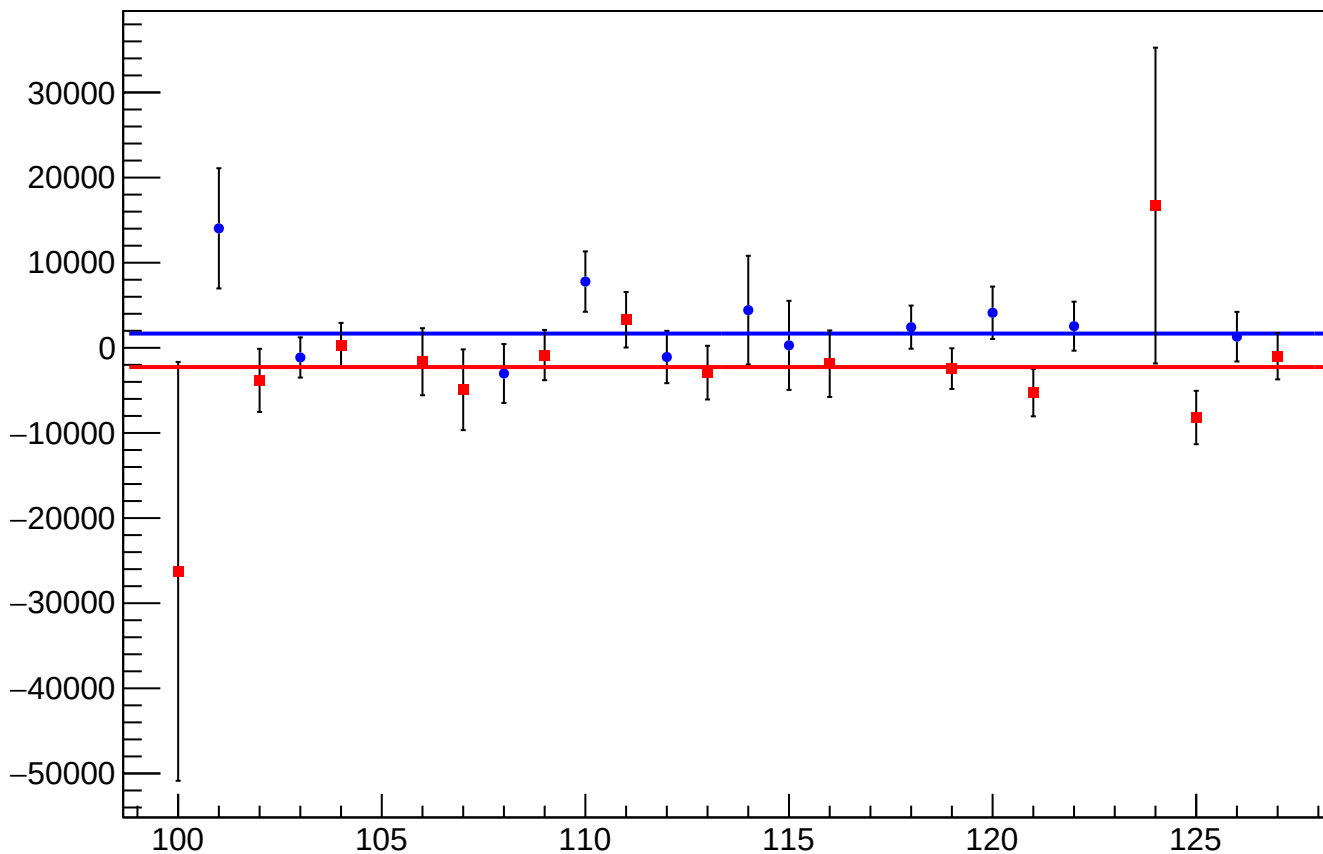
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 540.196+/-0.135 χ^2/NDF : 1805136.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at1_avg_mean vs Slug



Right In: 1675.917+/-986.177 χ^2/NDF : 11.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2259.504+/-894.901 χ^2/NDF : 11.6/13

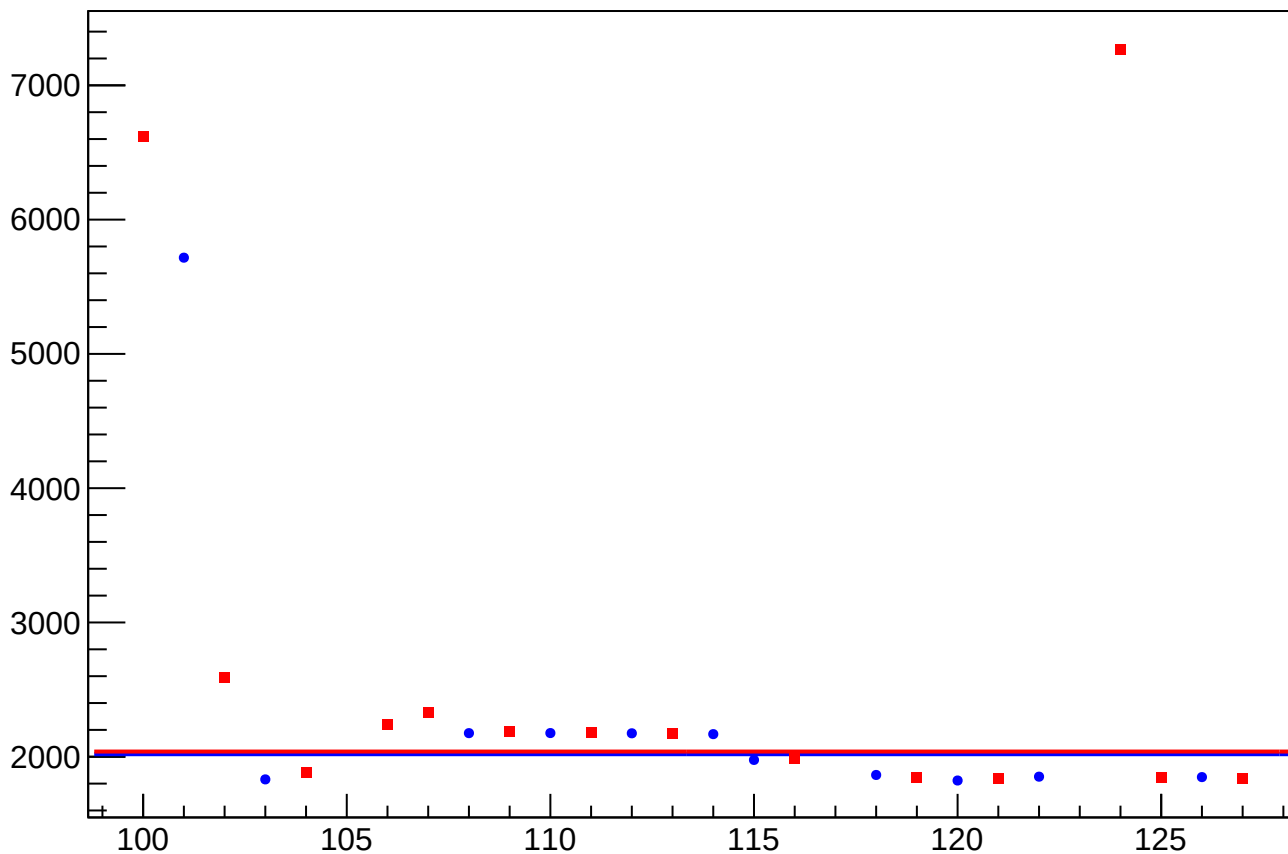
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -482.305+/-662.716 χ^2/NDF : 31.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at1_avg_rms vs Slug



Right In: 2018.852+/-0.697 χ^2/NDF : 604791.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

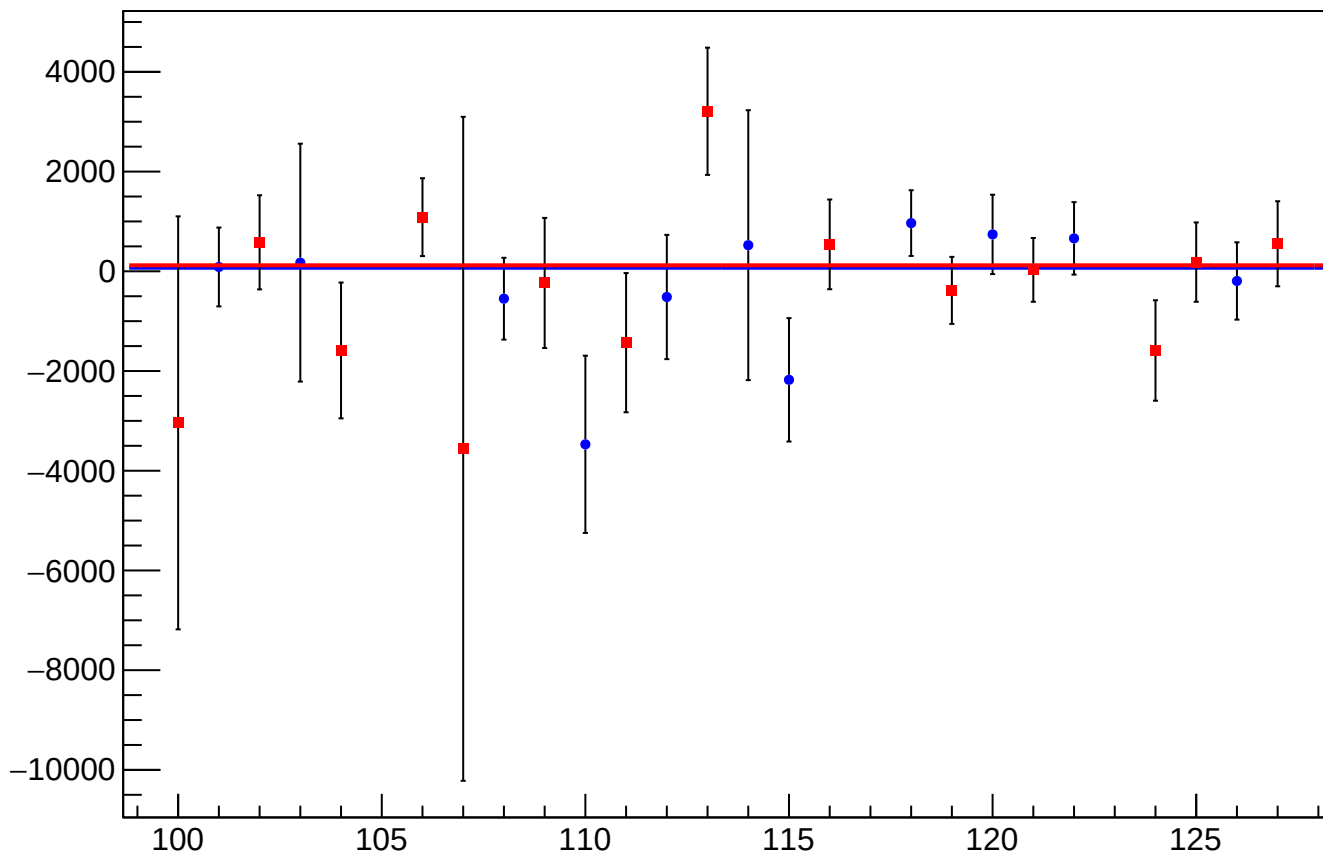
Right Out: 2038.716+/-0.633 χ^2/NDF : 347471.4/13

All: 2029.746+/-0.469 χ^2/NDF : 952707.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_cor_correction_mean vs Slug



Right In: 72.004+/-283.429 χ^2/NDF : 11.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.164+/-258.799 χ^2/NDF : 15.3/13

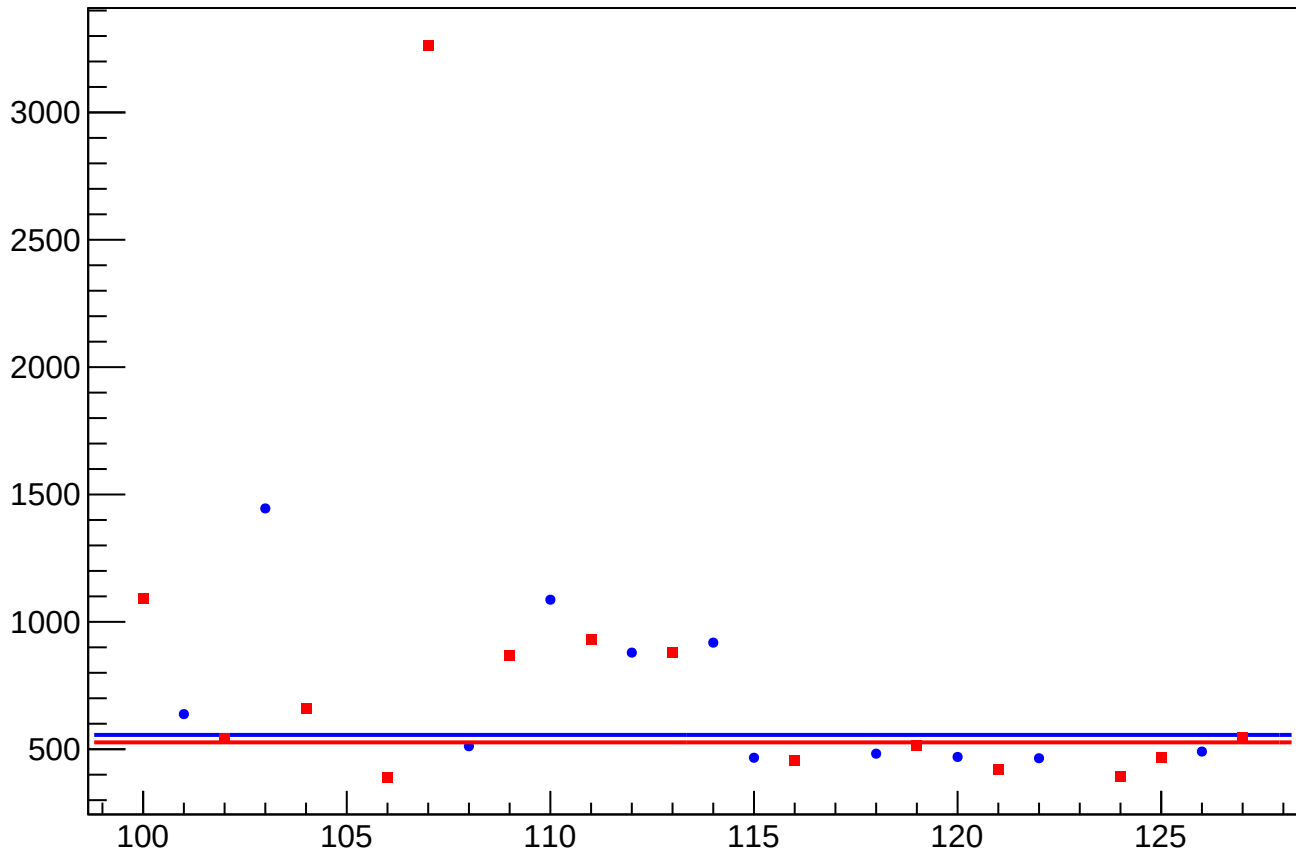
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.267+/-191.114 χ^2/NDF : 26.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_cor_correction_rms vs Slug



Right In: 556.129+/-0.200 χ^2/NDF : 758556.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

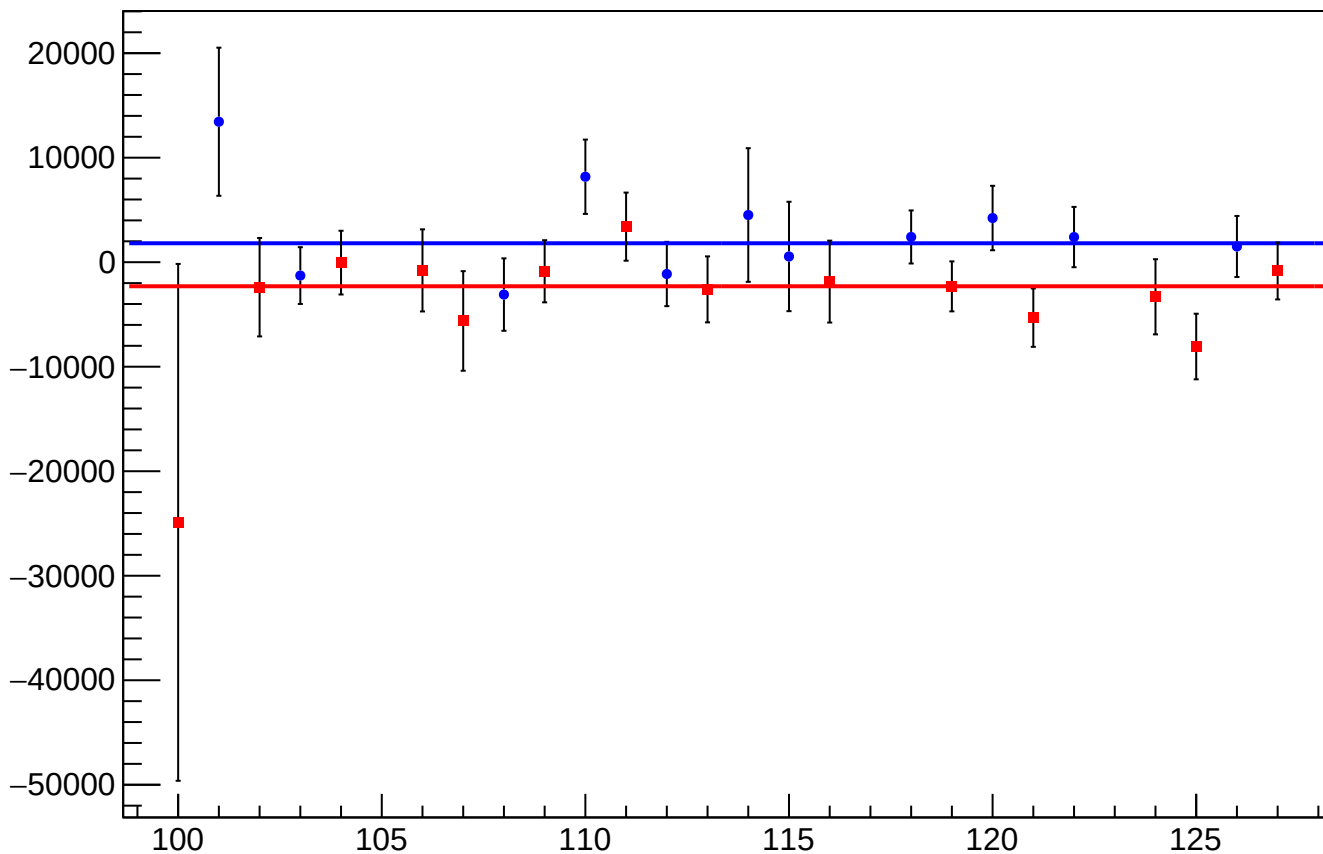
Right Out: 526.911+/-0.183 χ^2/NDF : 1034989.8/13

All: 540.196+/-0.135 χ^2/NDF : 1805136.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at1_avg_mean vs Slug



Right In: 1811.478 $\pm$ 1008.941 χ^2 /NDF: 11.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2301.709 $\pm$ 893.410 χ^2 /NDF: 10.2/13

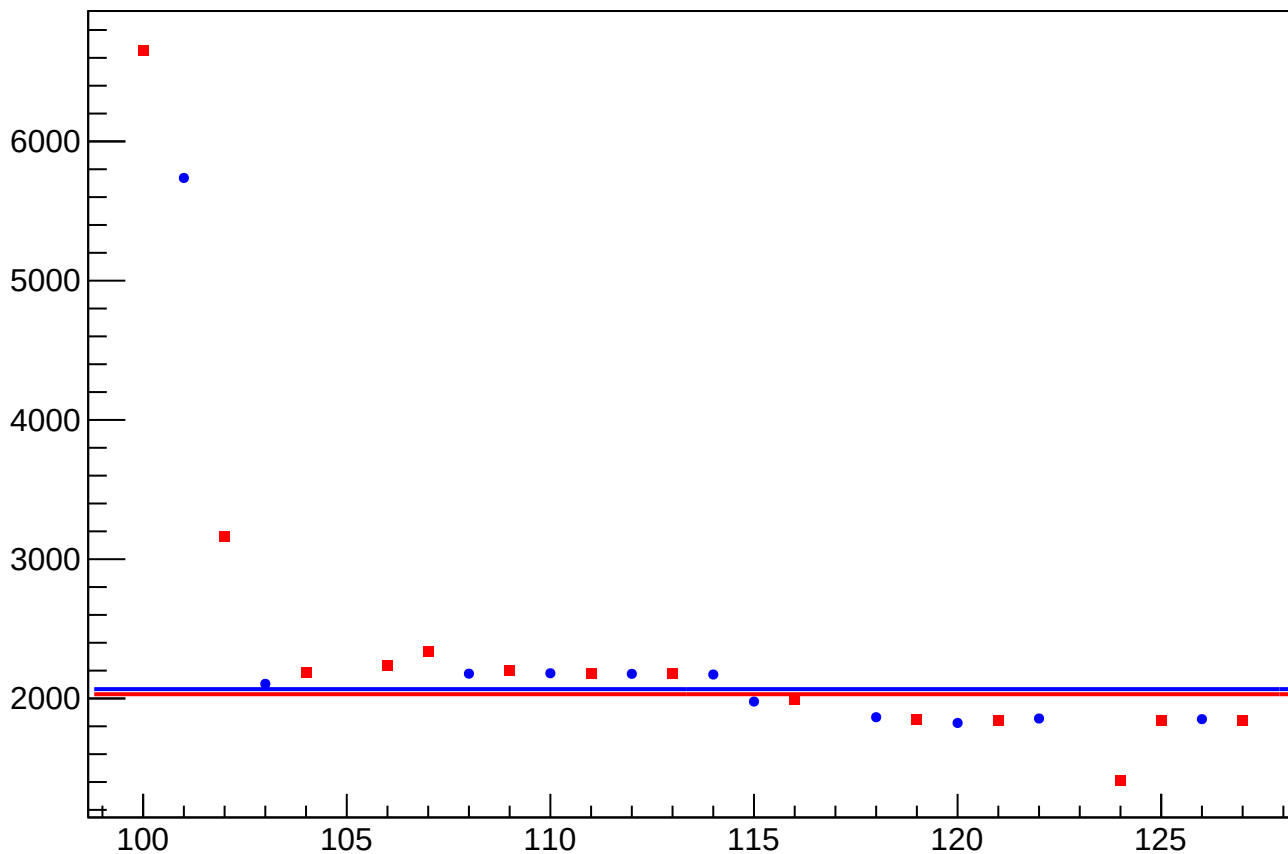
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -493.994 $\pm$ 668.870 χ^2 /NDF: 30.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_at1_avg_rms vs Slug



Right In: 2066.984+/-0.713 χ^2/NDF : 591393.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2030.457+/-0.632 χ^2/NDF : 316500.8/13

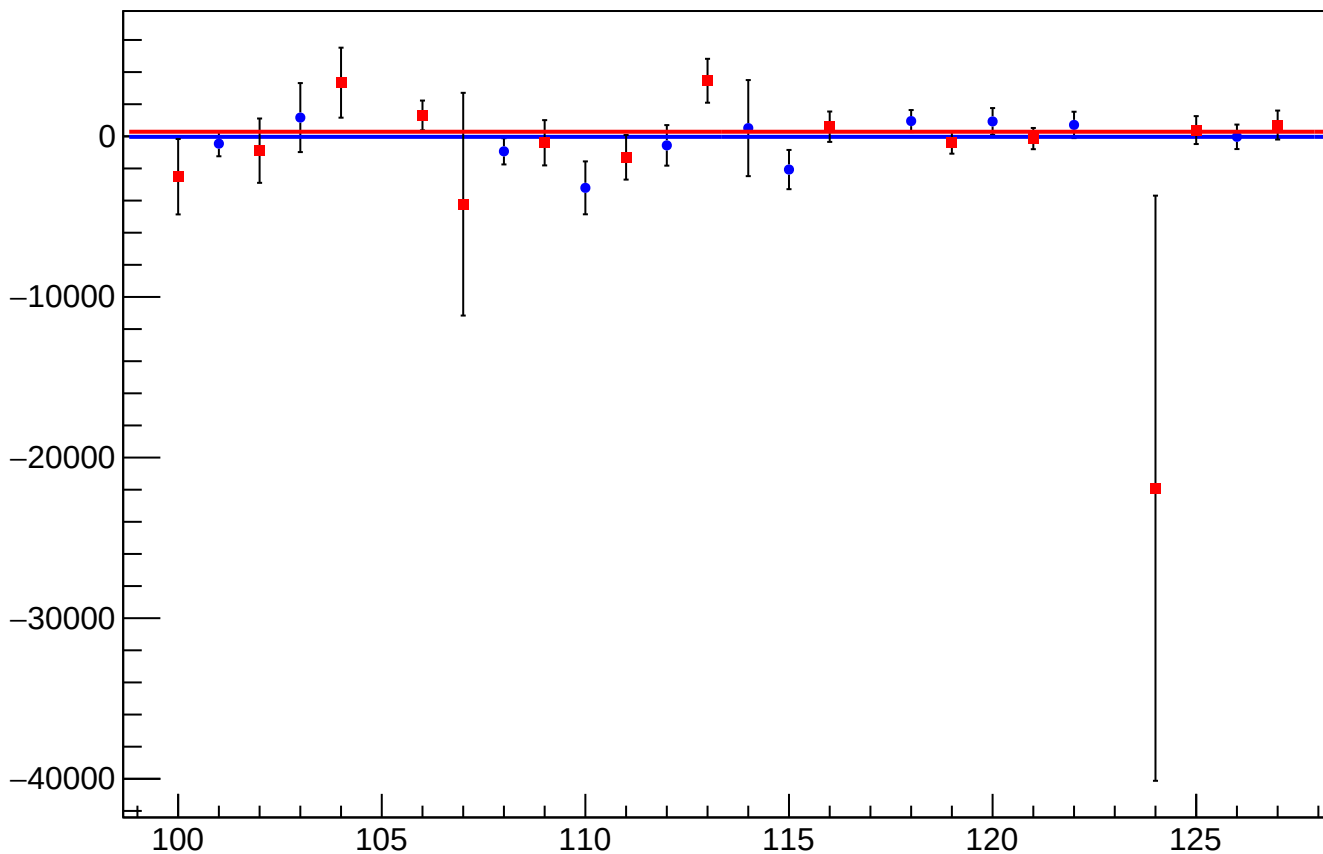
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2046.510+/-0.473 χ^2/NDF : 909363.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_dit_correction_mean vs Slug



Right In: -32.467 ± 289.968 χ^2/NDF : 12.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 286.396 ± 295.740 χ^2/NDF : 15.5/13

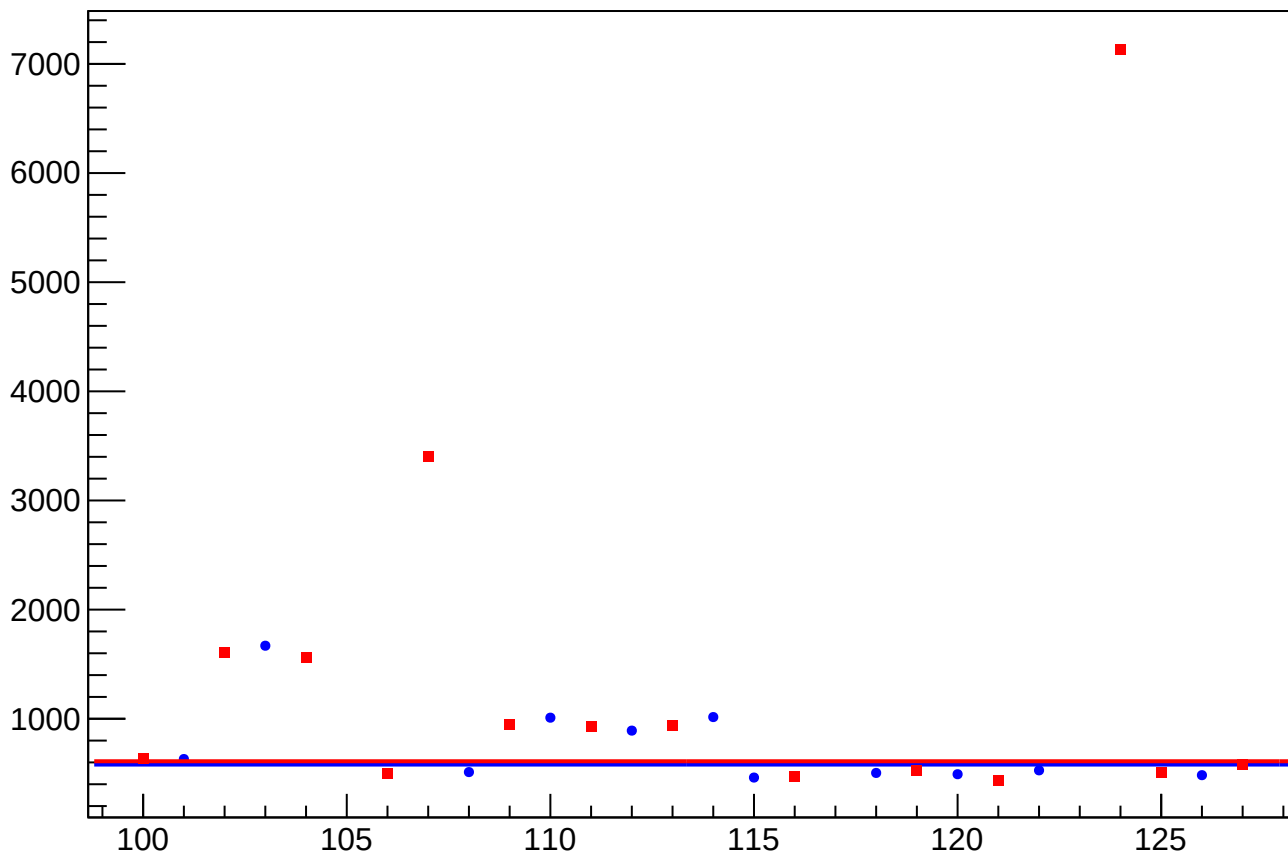
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 123.823 ± 207.049 χ^2/NDF : 28.8/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at1_avg_dit_correction_rms vs Slug



Right In: 580.314+/-0.205 χ^2/NDF : 943586.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 610.649+/-0.209 χ^2/NDF : 2070085.9/13

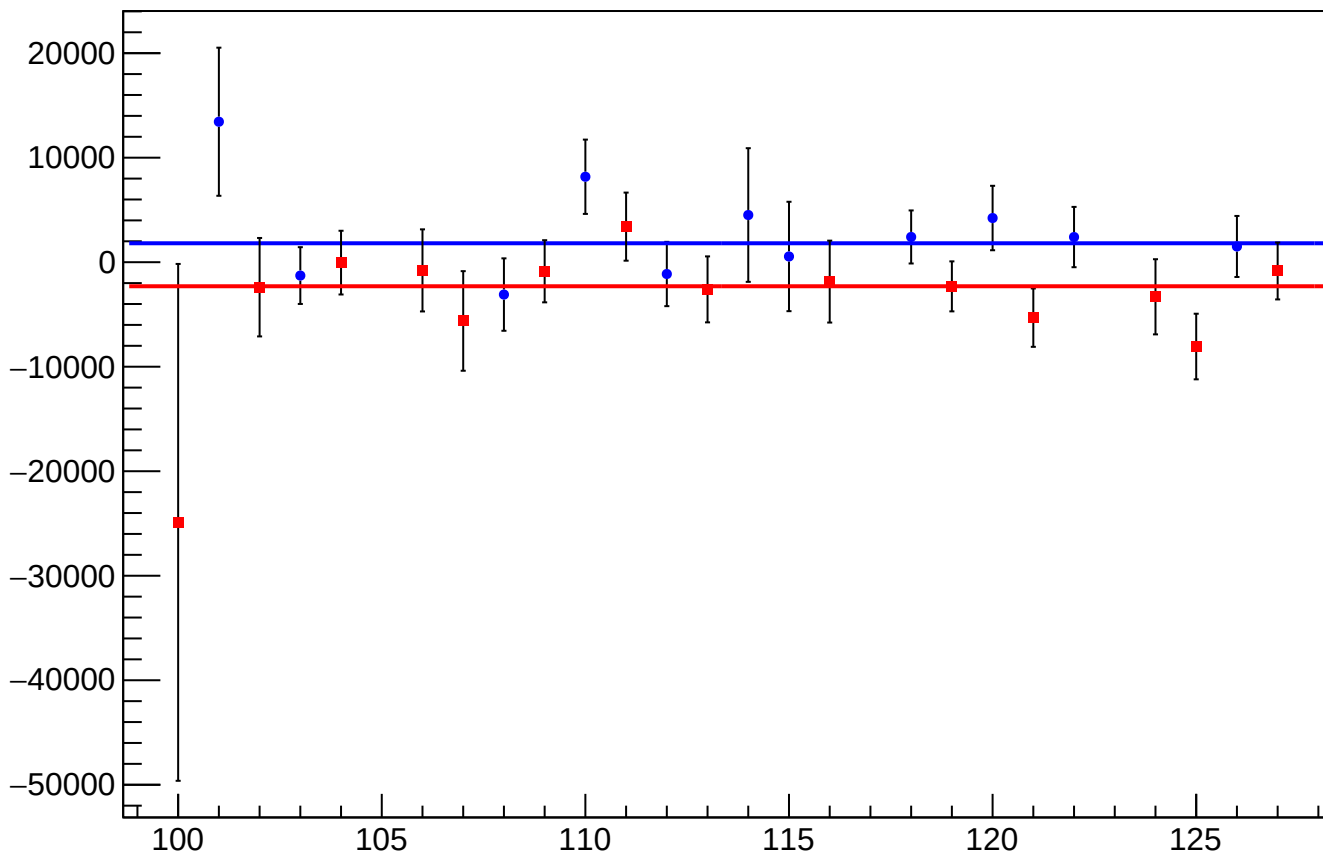
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 595.183+/-0.146 χ^2/NDF : 3024401.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at1_avg_mean vs Slug



Right In: 1811.475+/-1008.941 χ^2/NDF : 11.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2301.707+/-893.410 χ^2/NDF : 10.2/13

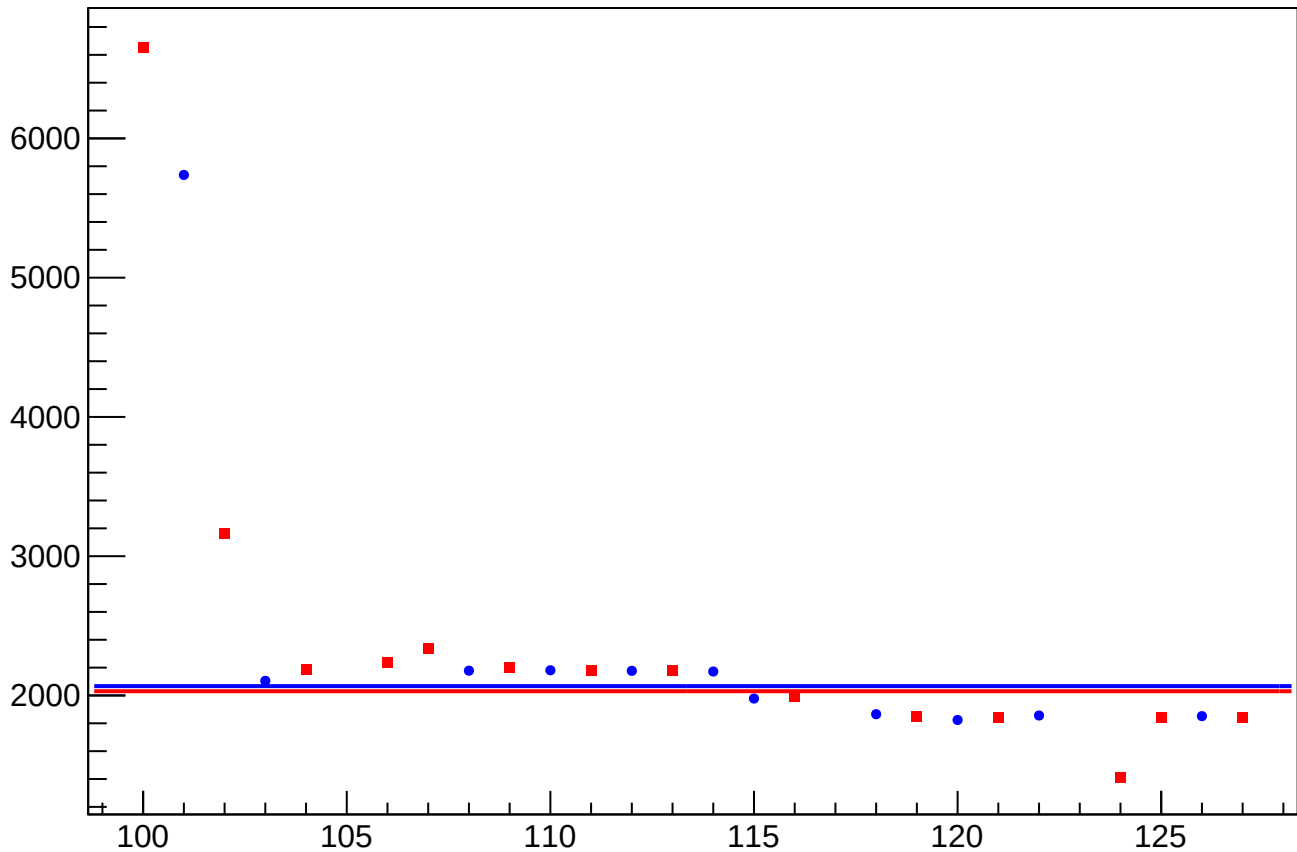
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -493.994+/-668.870 χ^2/NDF : 30.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at1_avg_rms vs Slug



Right In: 2066.983+/-0.713 χ^2/NDF : 591393.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2030.456+/-0.632 χ^2/NDF : 316499.7/13

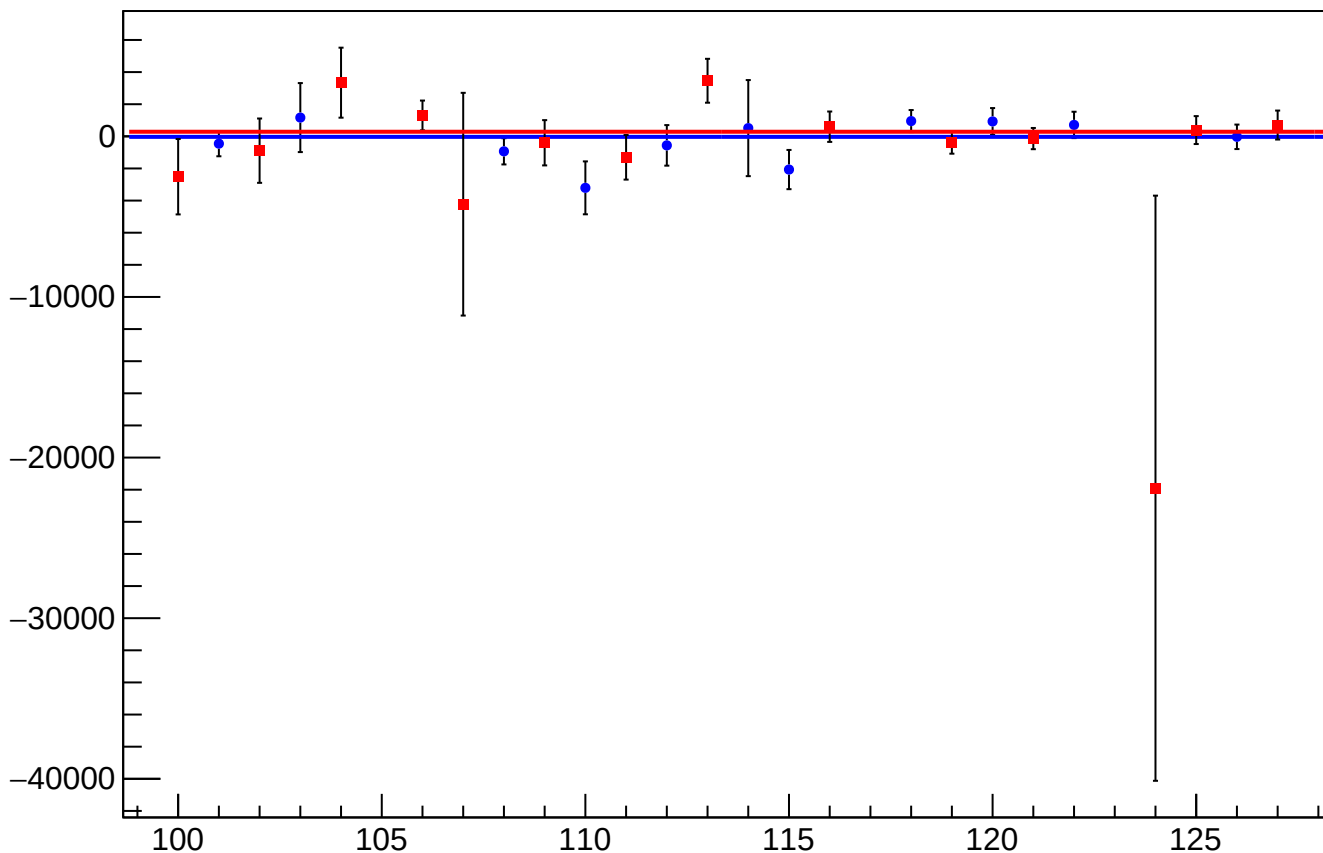
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2046.510+/-0.473 χ^2/NDF : 909362.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_dit_correction_mean vs Slug



Right In: -32.466 ± 289.968 χ^2/NDF : 12.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 286.395 ± 295.740 χ^2/NDF : 15.5/13

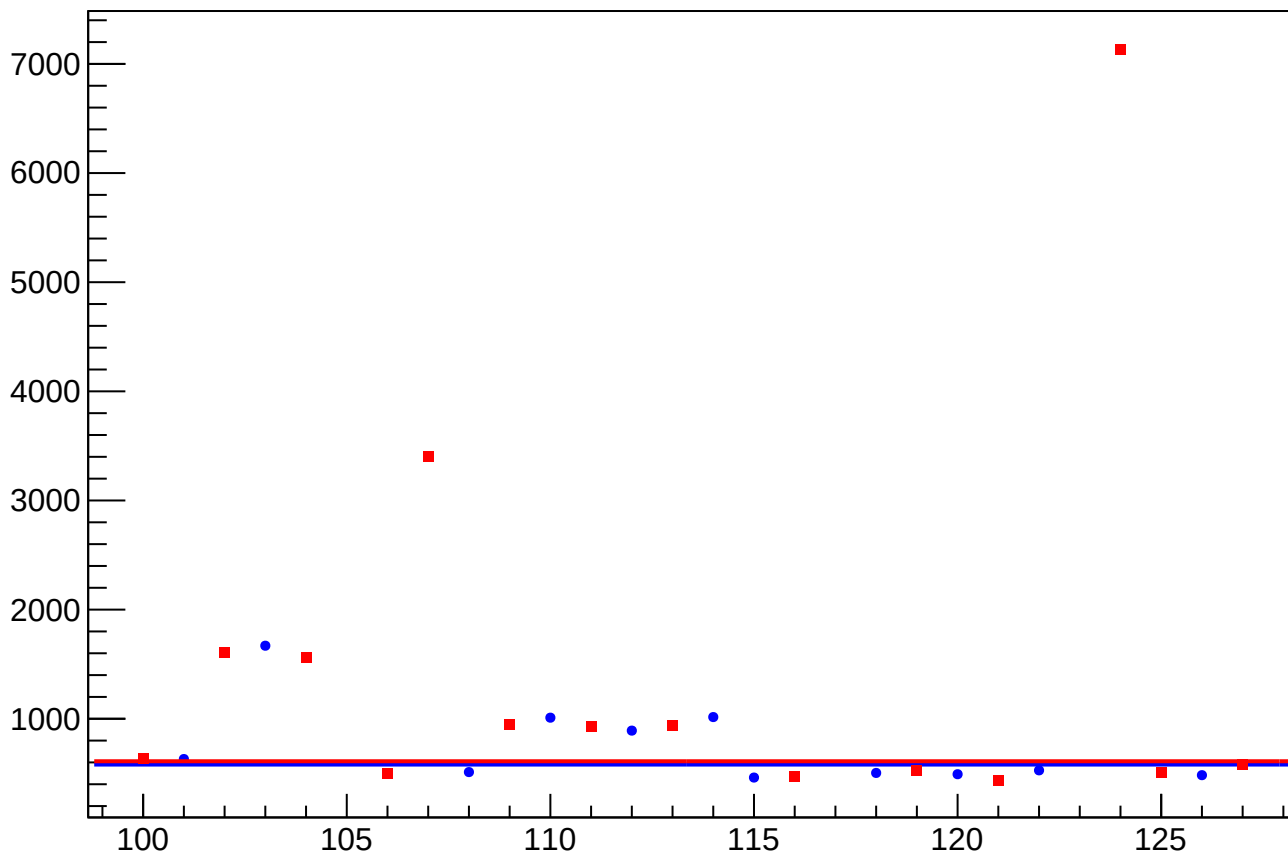
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 123.823 ± 207.049 χ^2/NDF : 28.8/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_dit_correction_rms vs Slug



Right In: 580.313+/-0.205 χ^2/NDF : 943590.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 610.649+/-0.209 χ^2/NDF : 2070092.0/13

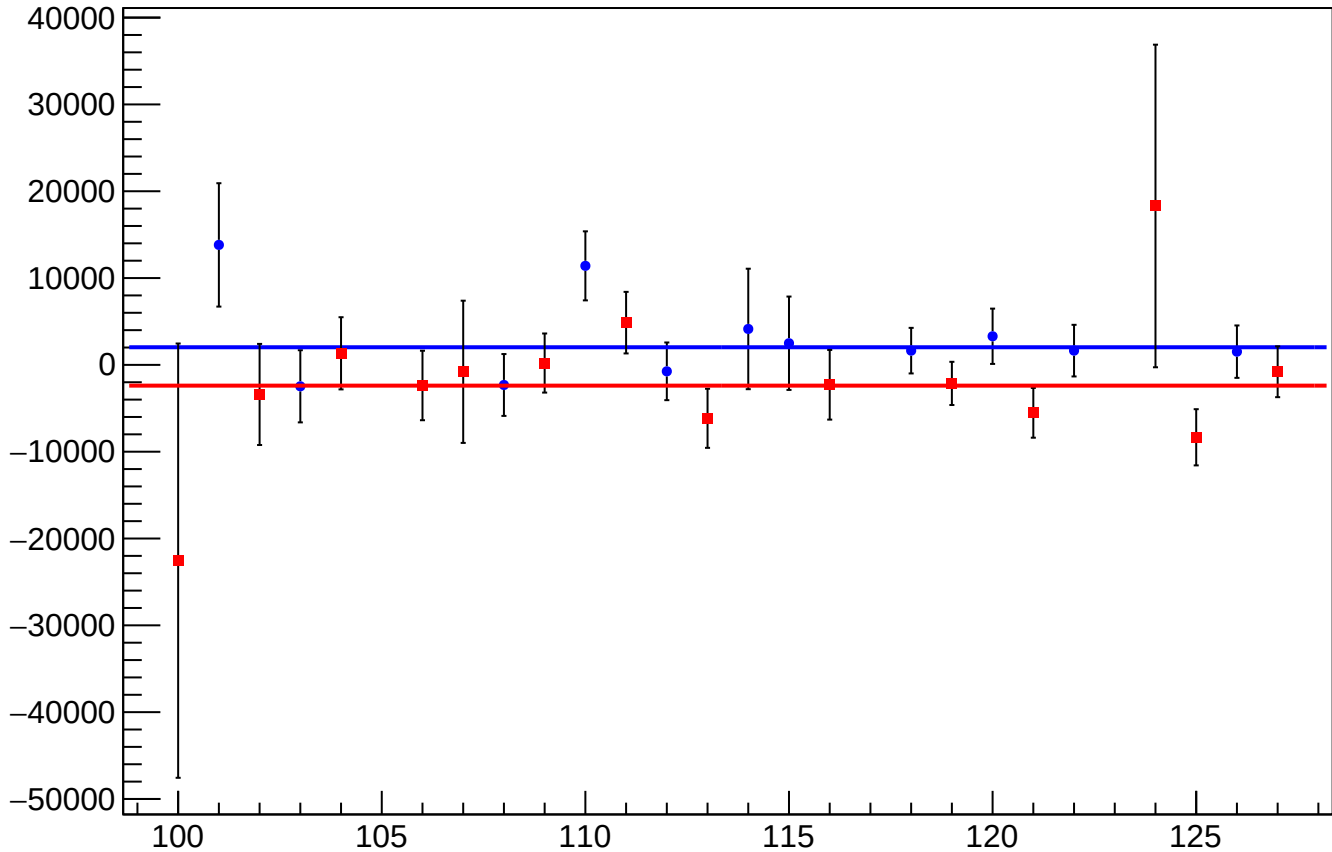
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 595.182+/-0.146 χ^2/NDF : 3024411.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_mean vs Slug



Right In: 2030.748+/-1096.071 χ^2/NDF : 12.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2390.303+/-1010.636 χ^2/NDF : 13.6/13

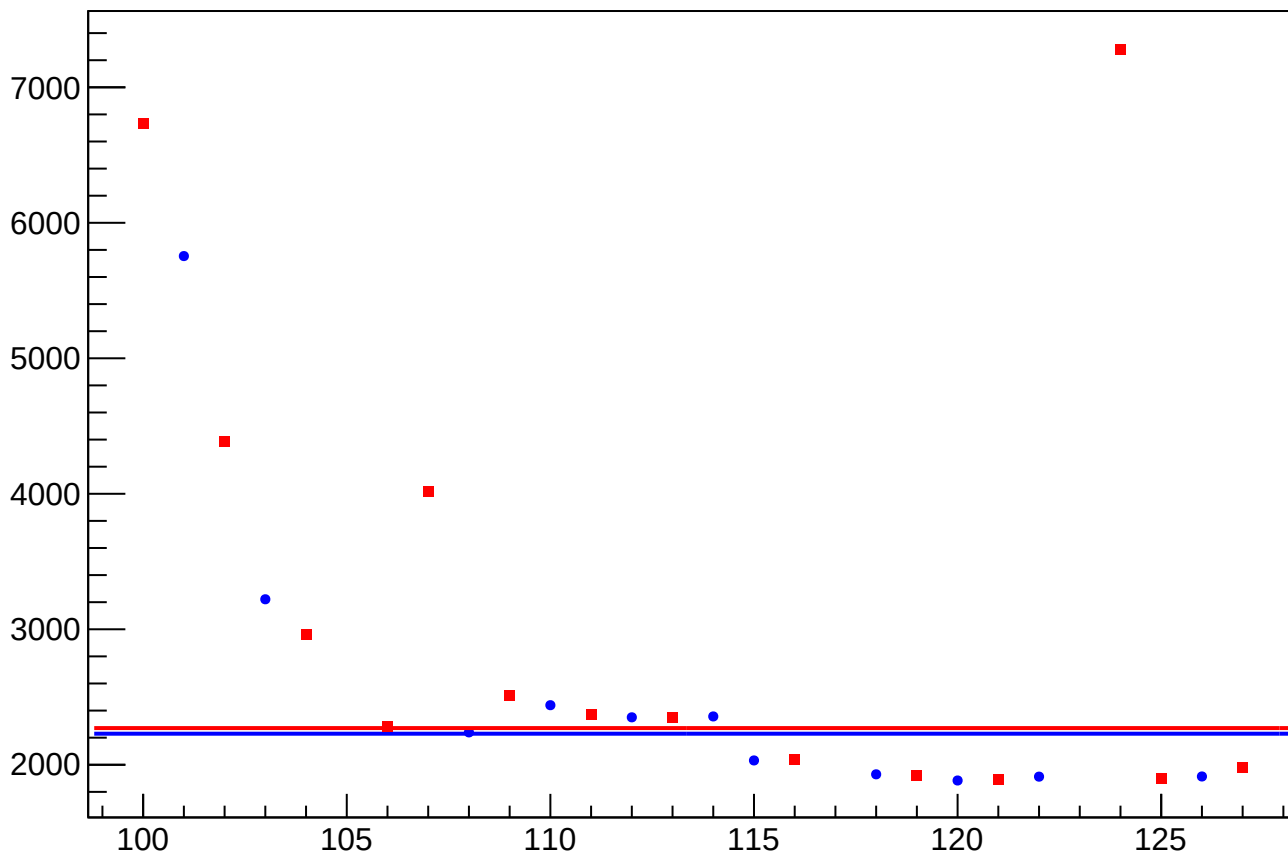
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -358.772+/-742.998 χ^2/NDF : 34.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_rms vs Slug



Right In: 2229.376 $\pm$ 0.775 χ^2 /NDF: 711961.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2270.804 $\pm$ 0.715 χ^2 /NDF: 758954.4/13

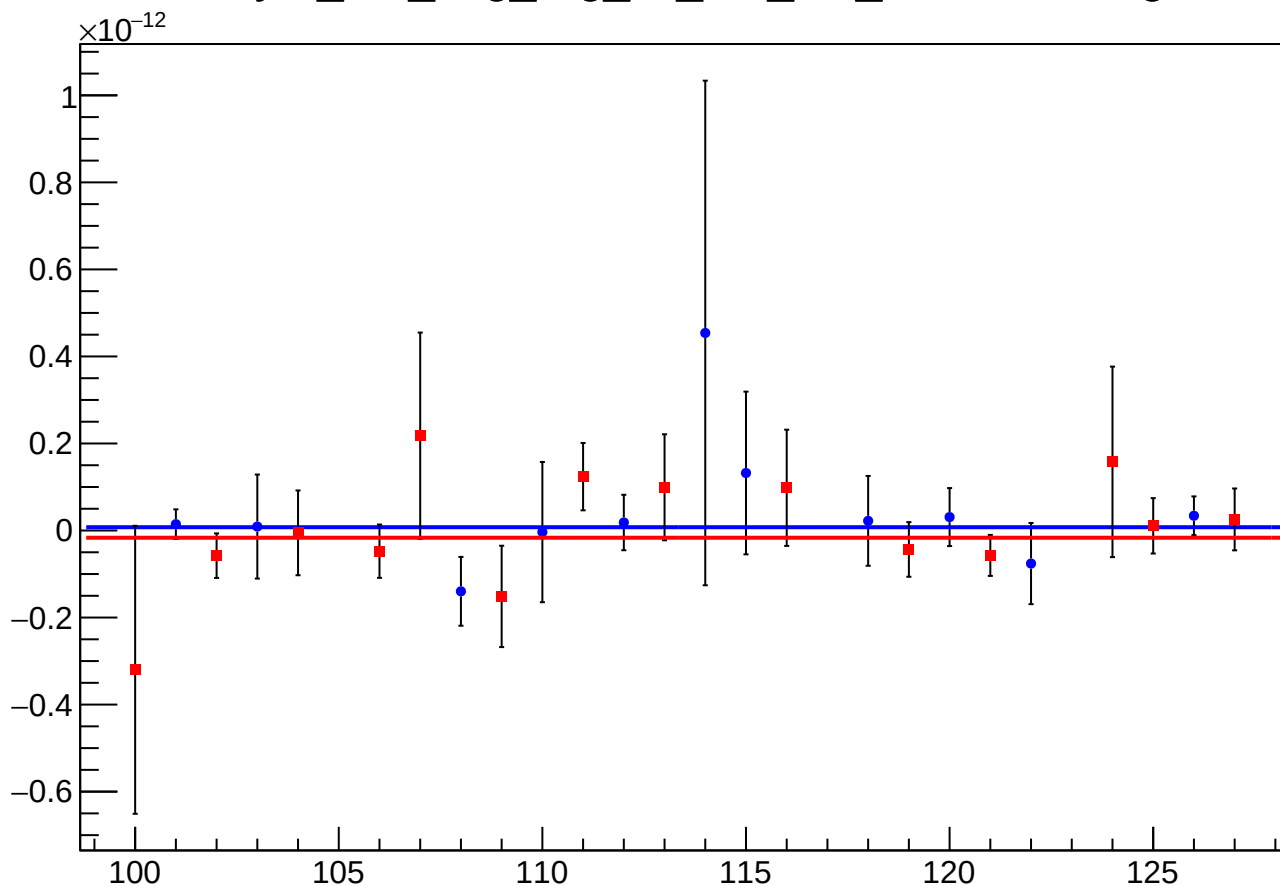
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2251.767 $\pm$ 0.525 χ^2 /NDF: 1472460.0/24

- sign 0.000 $\pm$ 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: 5.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.1/13

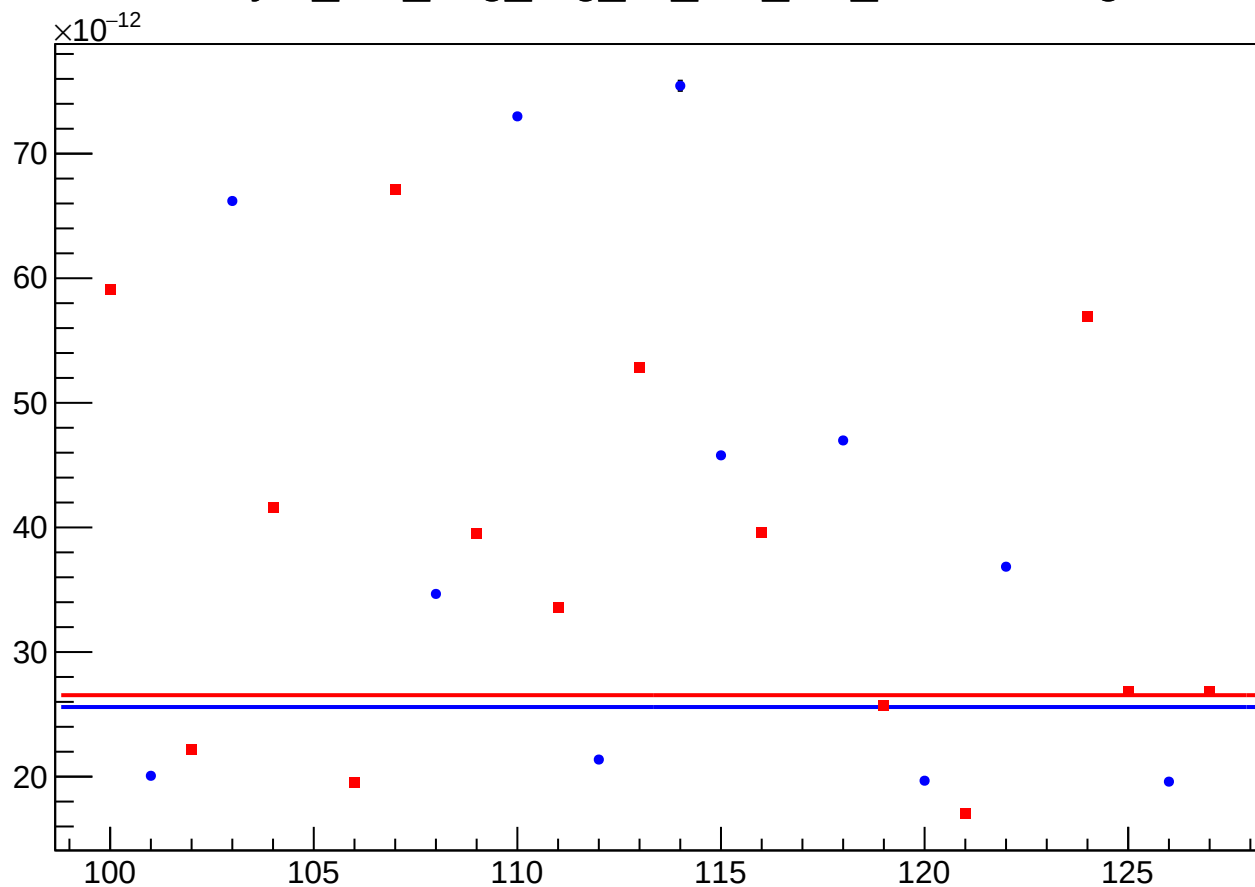
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 17.7/24

- 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 : 696770.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 440844.4/13

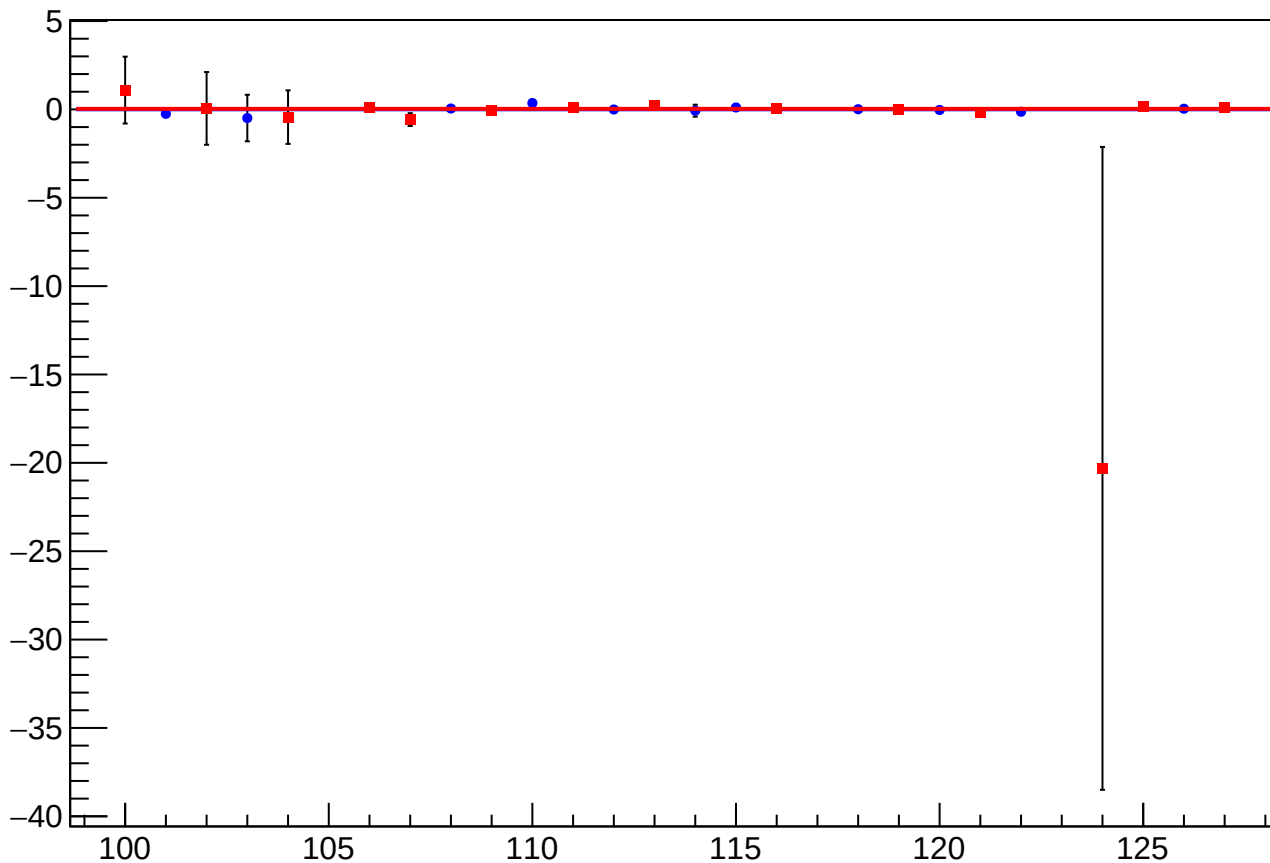
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1139724.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.007 $\pm$ 0.033 χ^2 /NDF: 10.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.031 $\pm$ 0.029 χ^2 /NDF: 14.1/13

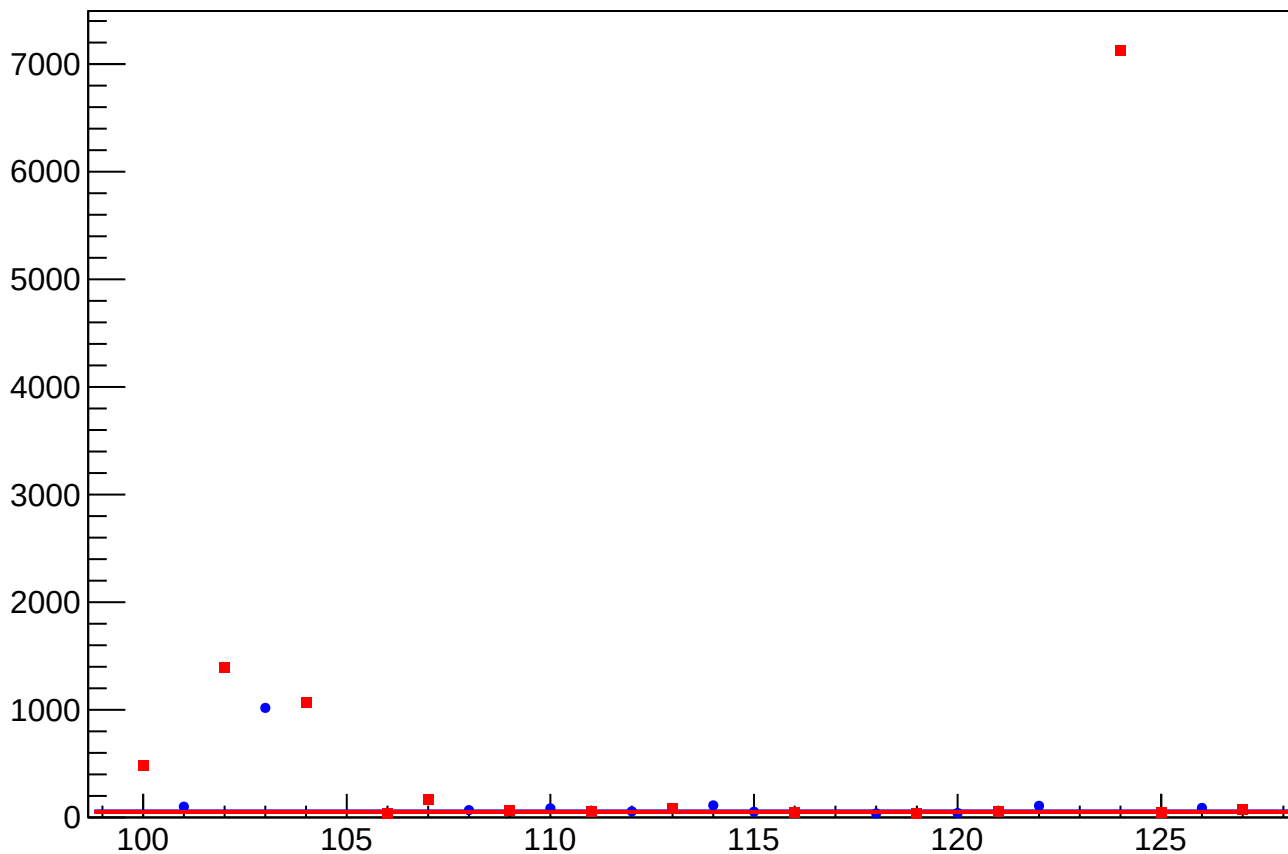
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.020 $\pm$ 0.022 χ^2 /NDF: 25.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_dit_vs_cor_diff_rms vs Slug



Right In: 56.349+/-0.023 χ^2/NDF : 1972374.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.585+/-0.021 χ^2/NDF : 2802547.2/13

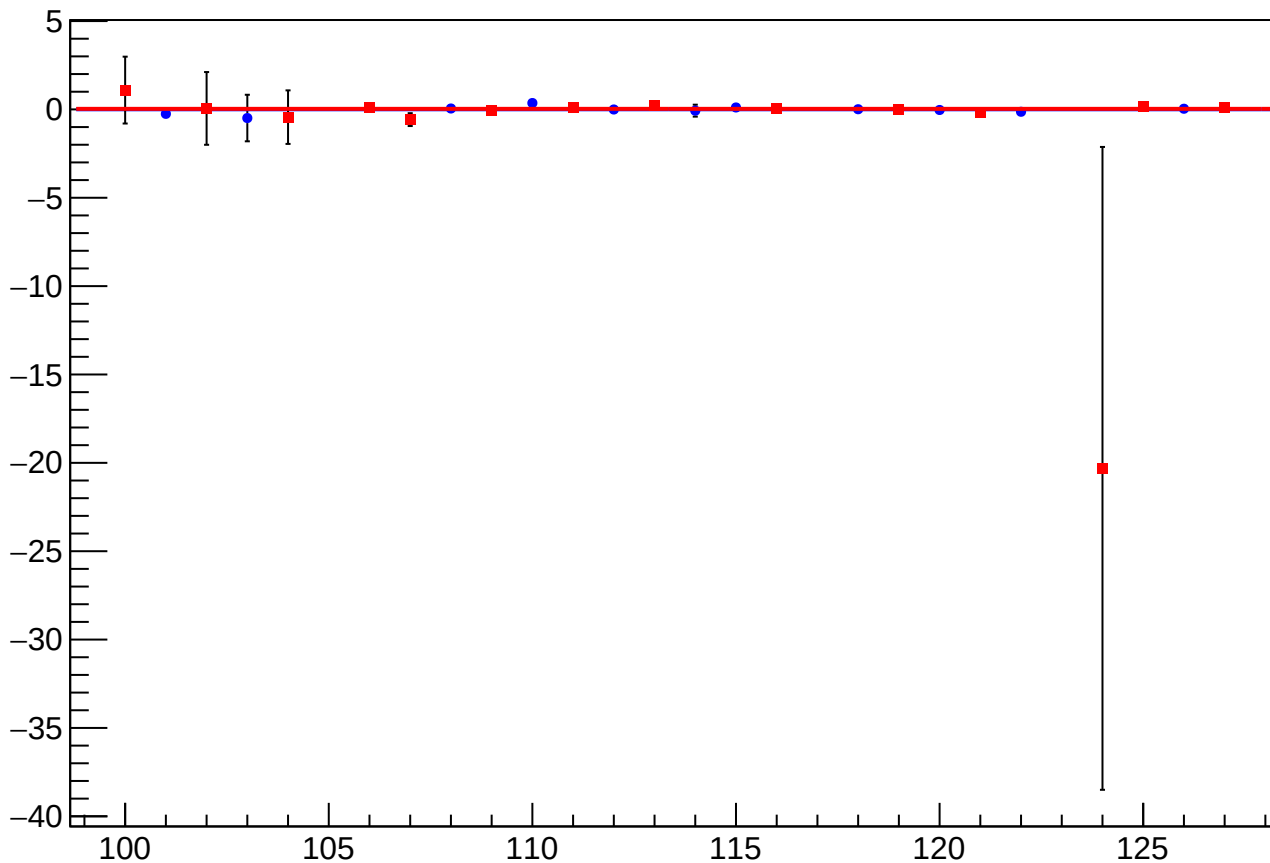
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.129+/-0.016 χ^2/NDF : 4808899.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.007 $\pm$ 0.033 χ^2 /NDF: 10.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.031 $\pm$ 0.029 χ^2 /NDF: 14.1/13

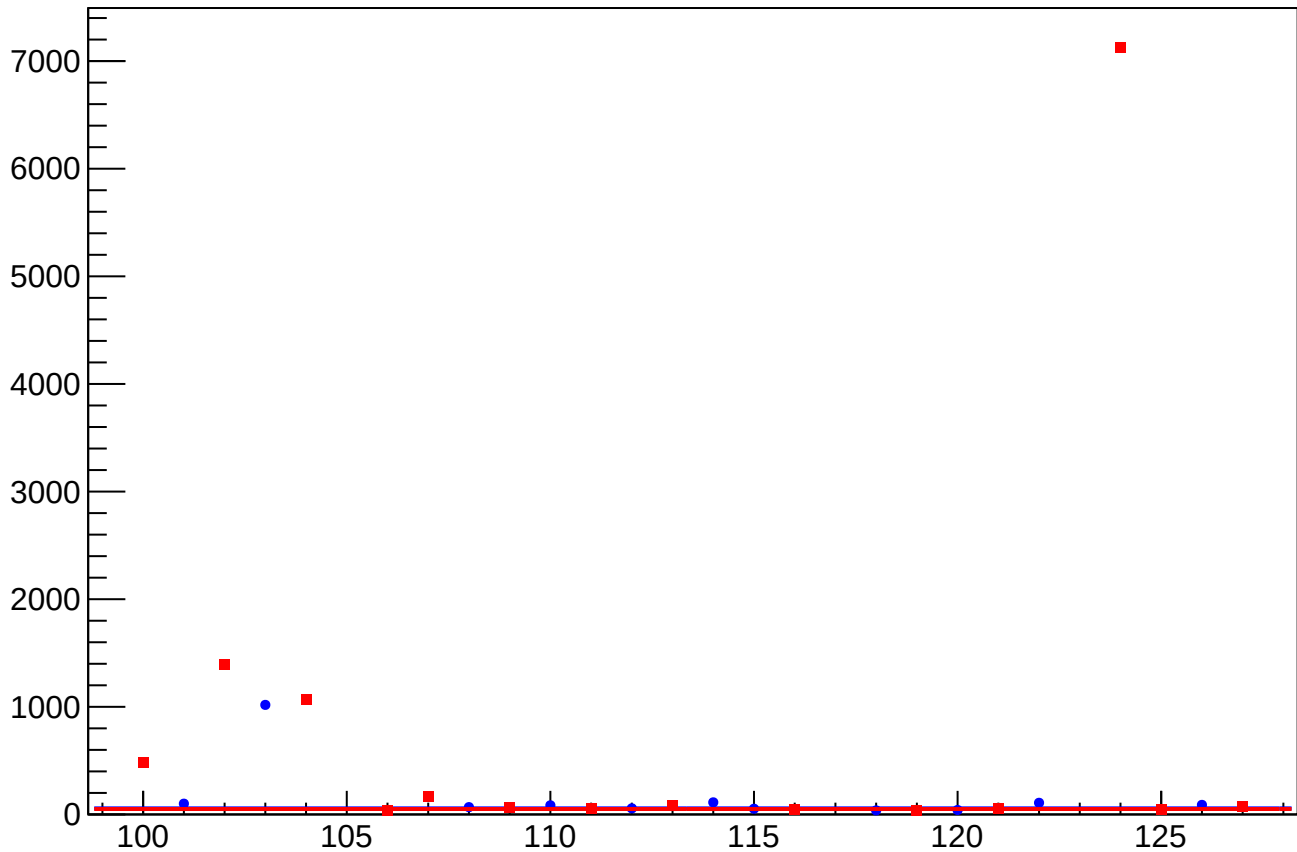
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.020 $\pm$ 0.022 χ^2 /NDF: 25.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 56.349+/-0.023 χ^2/NDF : 1972374.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.585+/-0.021 χ^2/NDF : 2802547.2/13

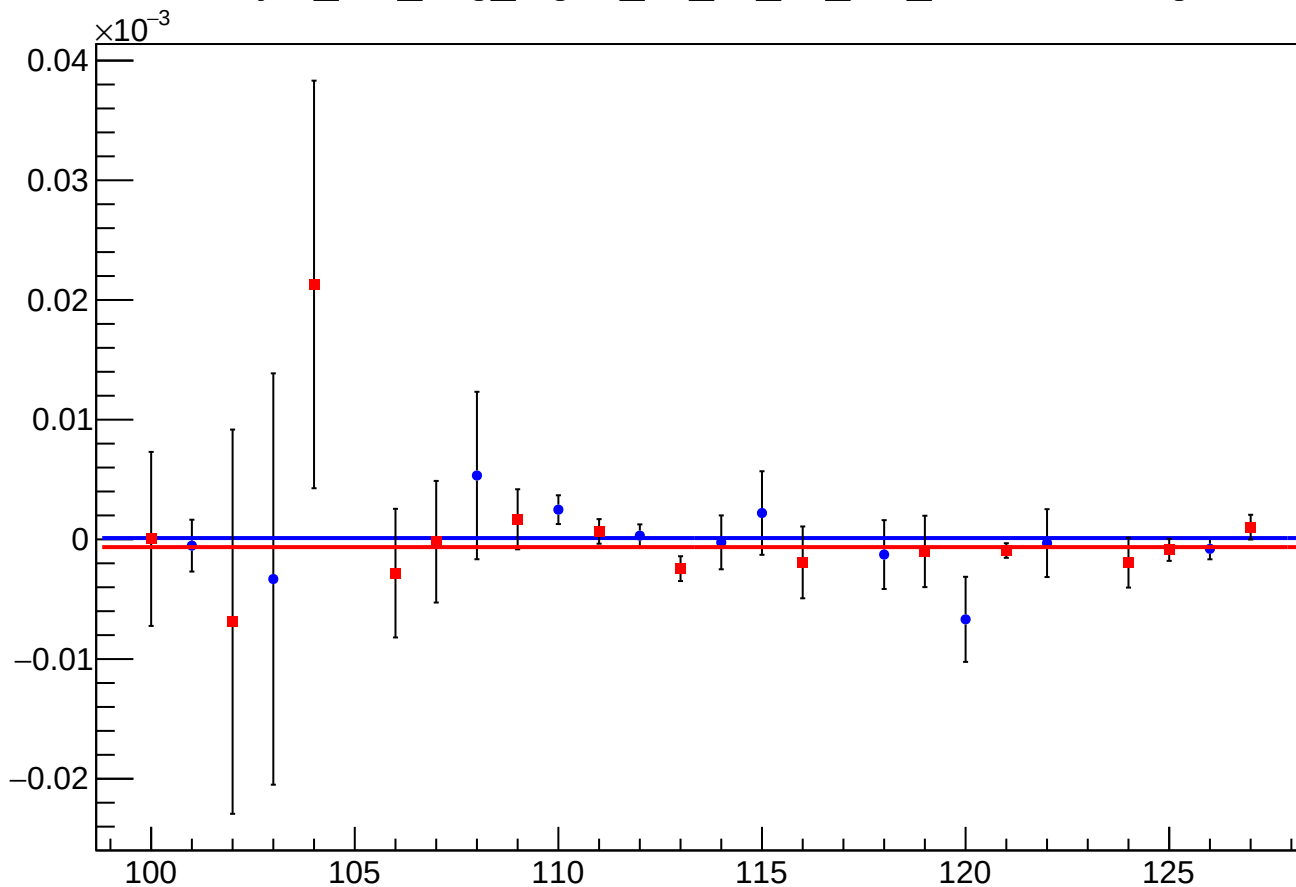
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.129+/-0.016 χ^2/NDF : 4808899.3/24

- 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 : 10.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 11.0/13

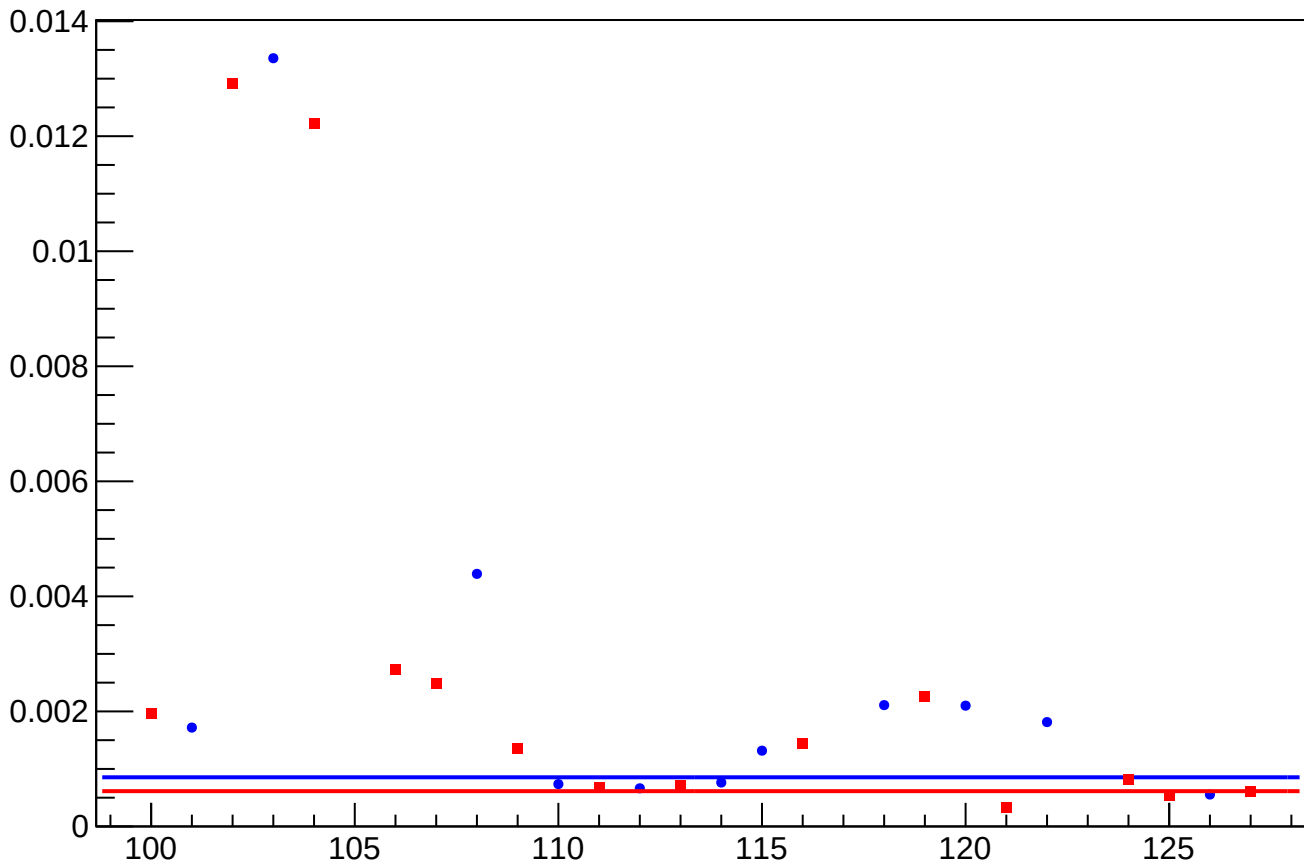
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 22.4/24

- 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 : 3118680.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4202934.7/13

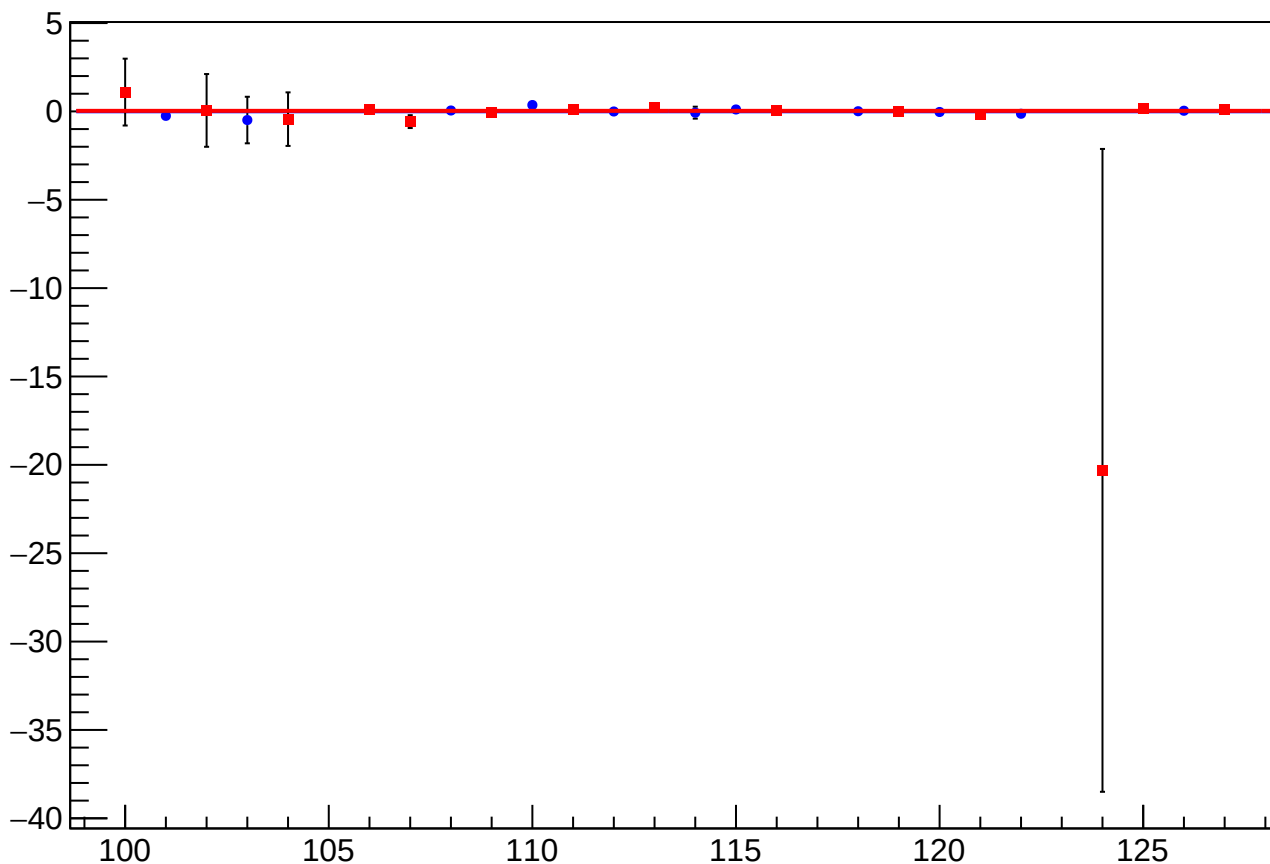
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 7622032.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.007 $\pm$ 0.033 χ^2 /NDF: 10.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.031 $\pm$ 0.029 χ^2 /NDF: 14.1/13

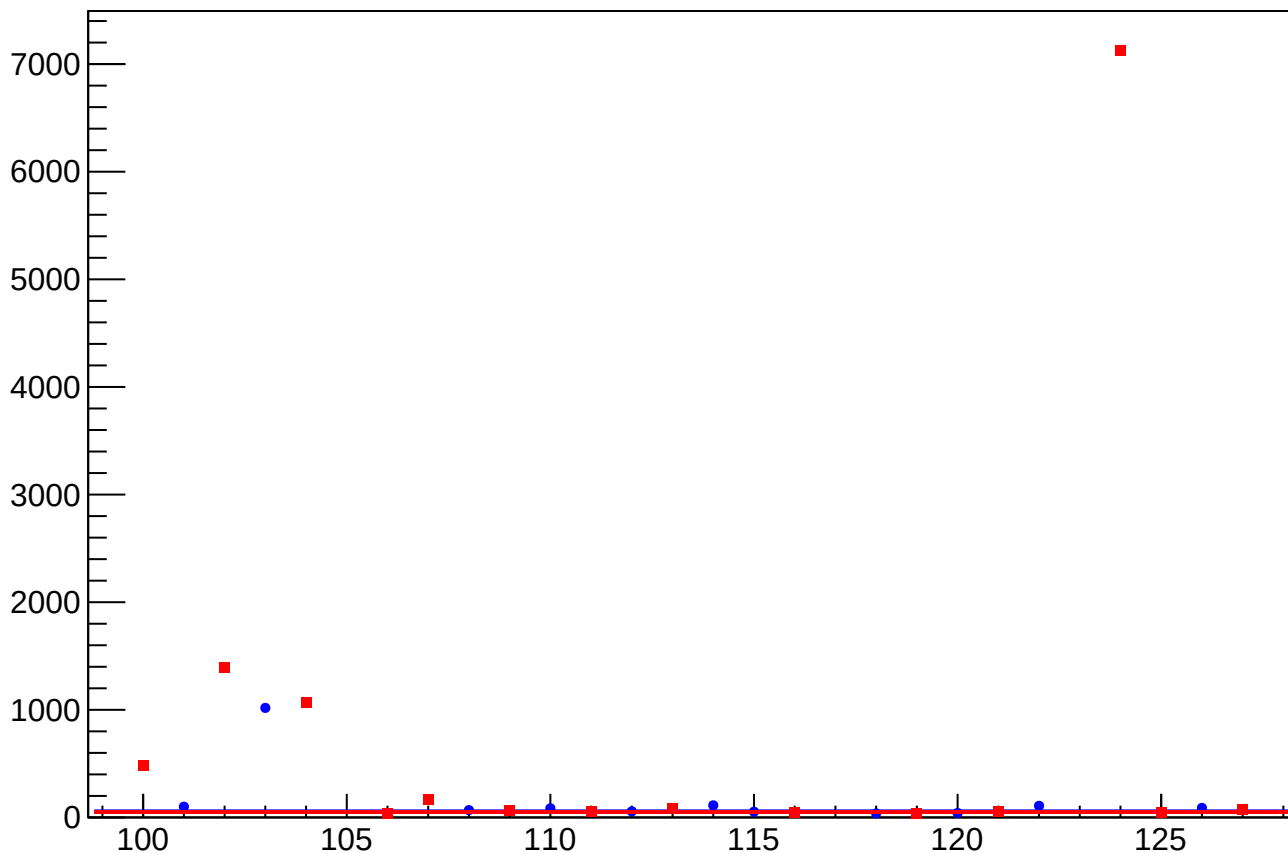
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.020 $\pm$ 0.022 χ^2 /NDF: 25.1/24

- 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: 56.348+/-0.023 χ^2/NDF : 1972386.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.584+/-0.021 χ^2/NDF : 2802594.1/13

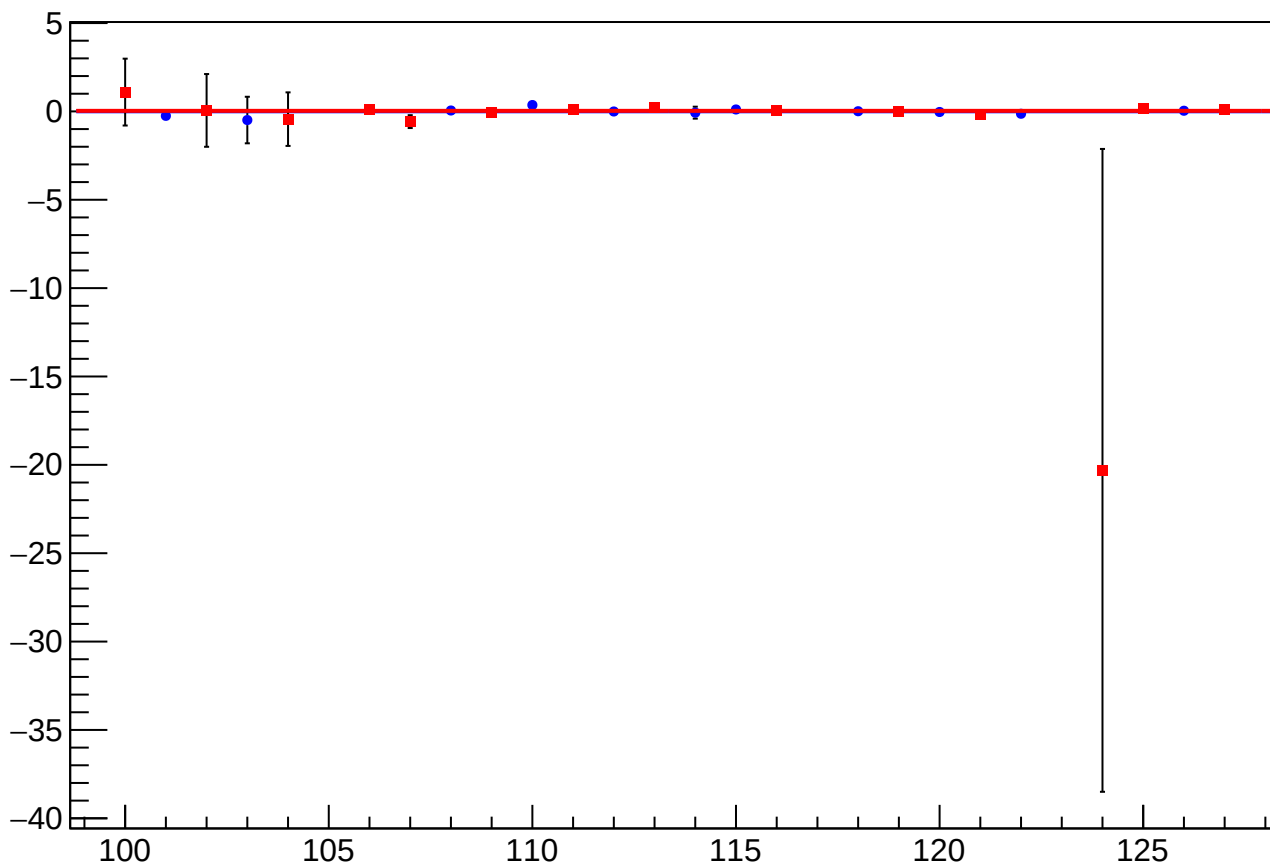
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.128+/-0.016 χ^2/NDF : 4808970.5/24

- 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: 0.007 $\pm$ 0.033 χ^2 /NDF: 10.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.031 $\pm$ 0.029 χ^2 /NDF: 14.1/13

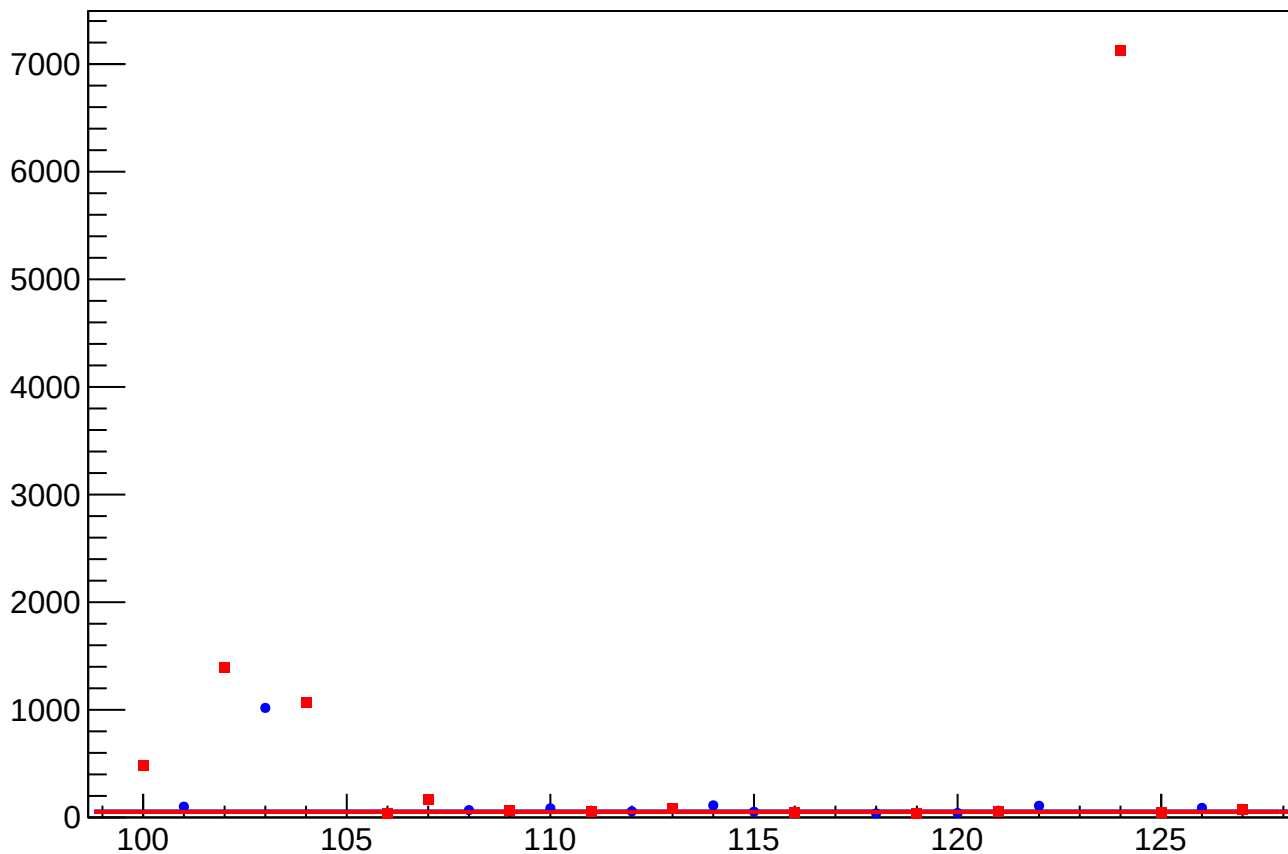
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.020 $\pm$ 0.022 χ^2 /NDF: 25.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 56.348+/-0.023 χ^2/NDF : 1972386.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.584+/-0.021 χ^2/NDF : 2802594.1/13

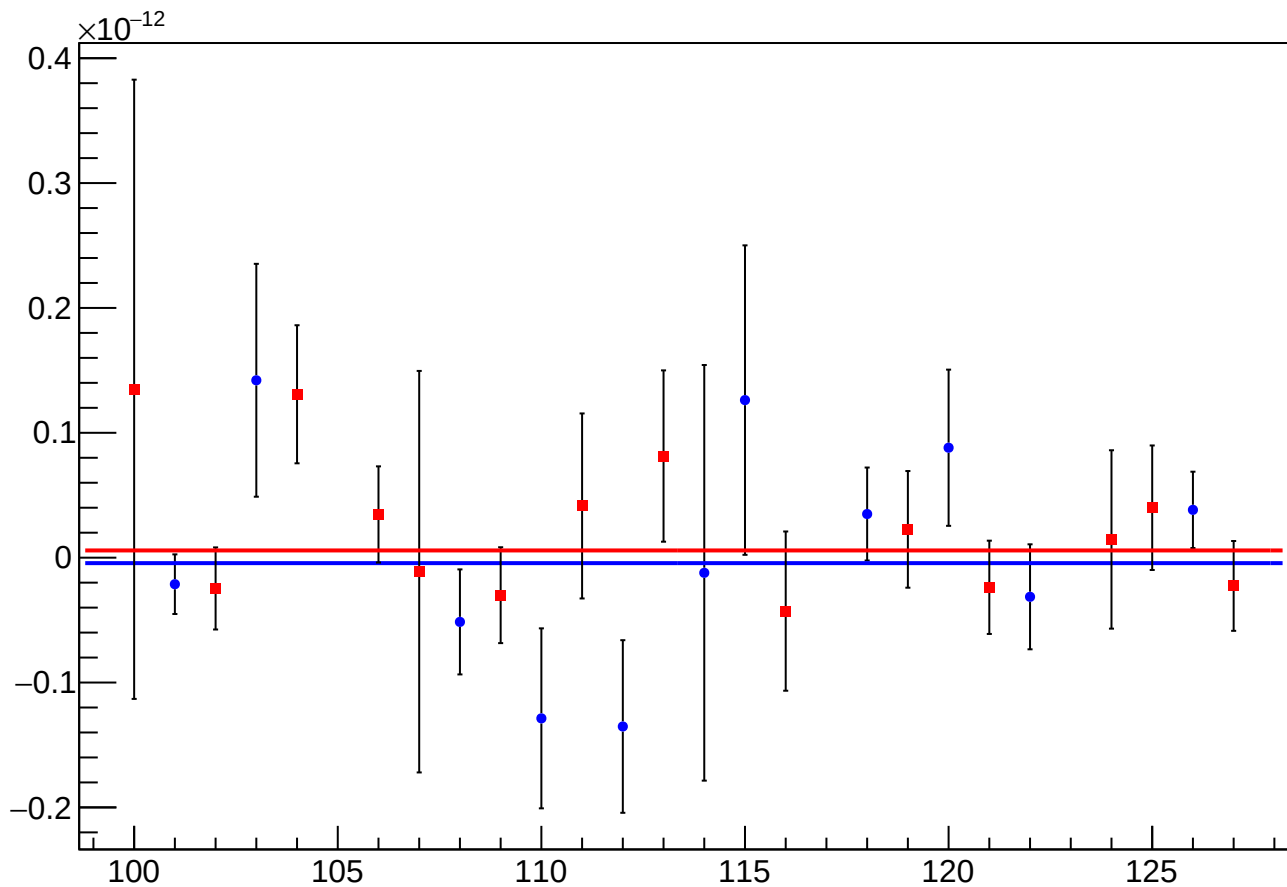
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.128+/-0.016 χ^2/NDF : 4808970.5/24

- 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 : 17.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.6/13

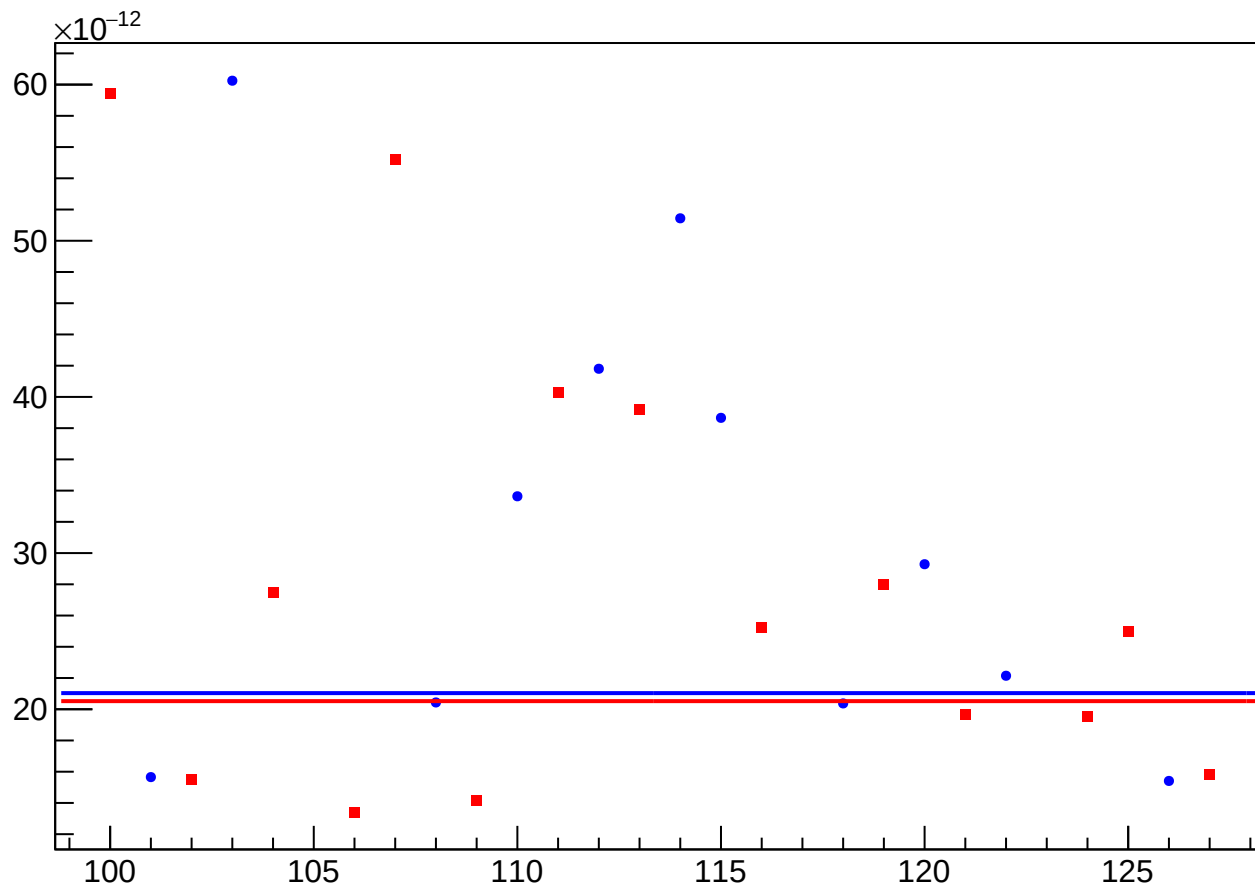
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.4/24

- 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 : 909187.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 747796.3/13

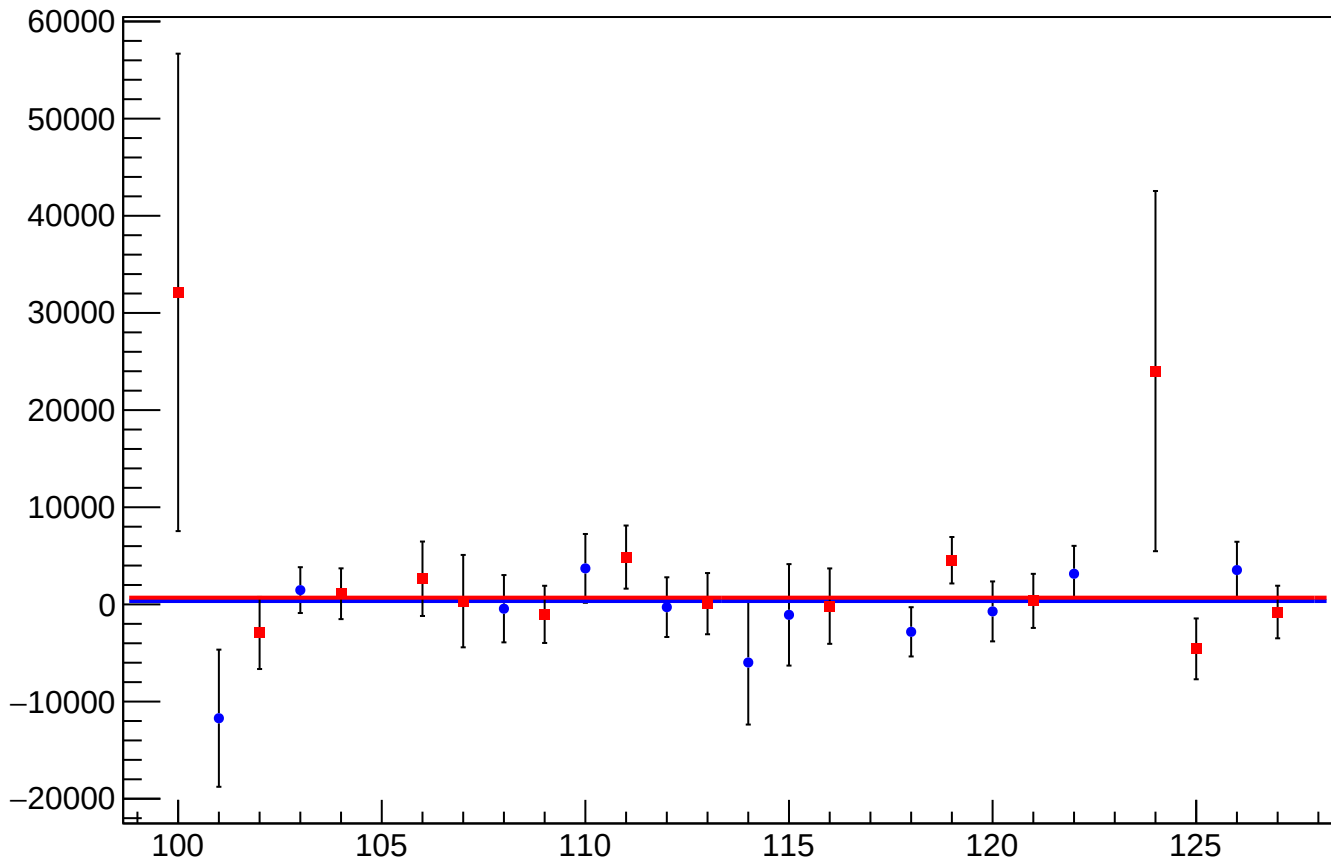
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1658487.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_mean vs Slug



Right In: 347.747 $\pm$ 985.362 χ^2 /NDF: 9.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 695.453 $\pm$ 892.292 χ^2 /NDF: 12.3/13

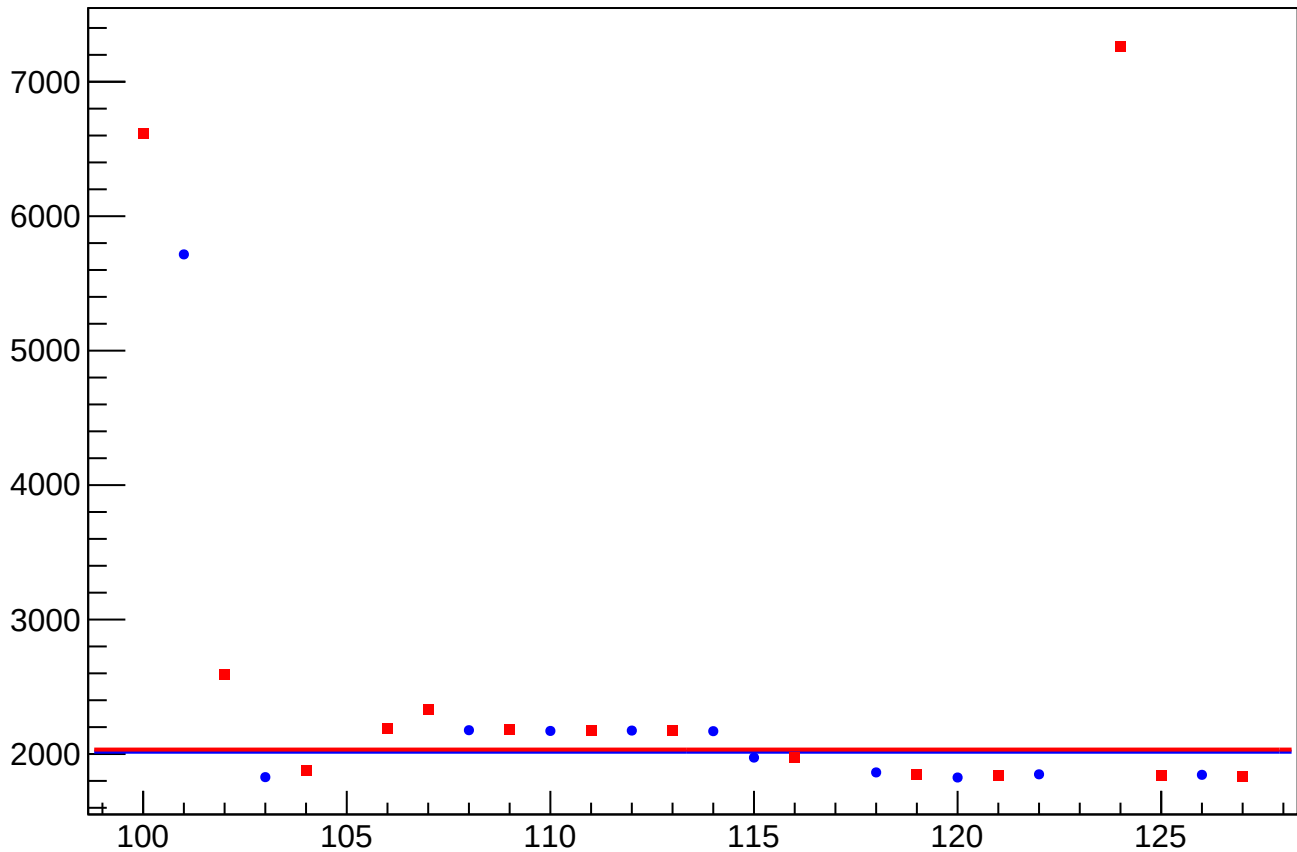
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 538.793 $\pm$ 661.408 χ^2 /NDF: 21.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_dd_rms vs Slug



Right In: 2017.071+/-0.697 χ^2/NDF : 605576.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2033.057+/-0.631 χ^2/NDF : 345792.8/13

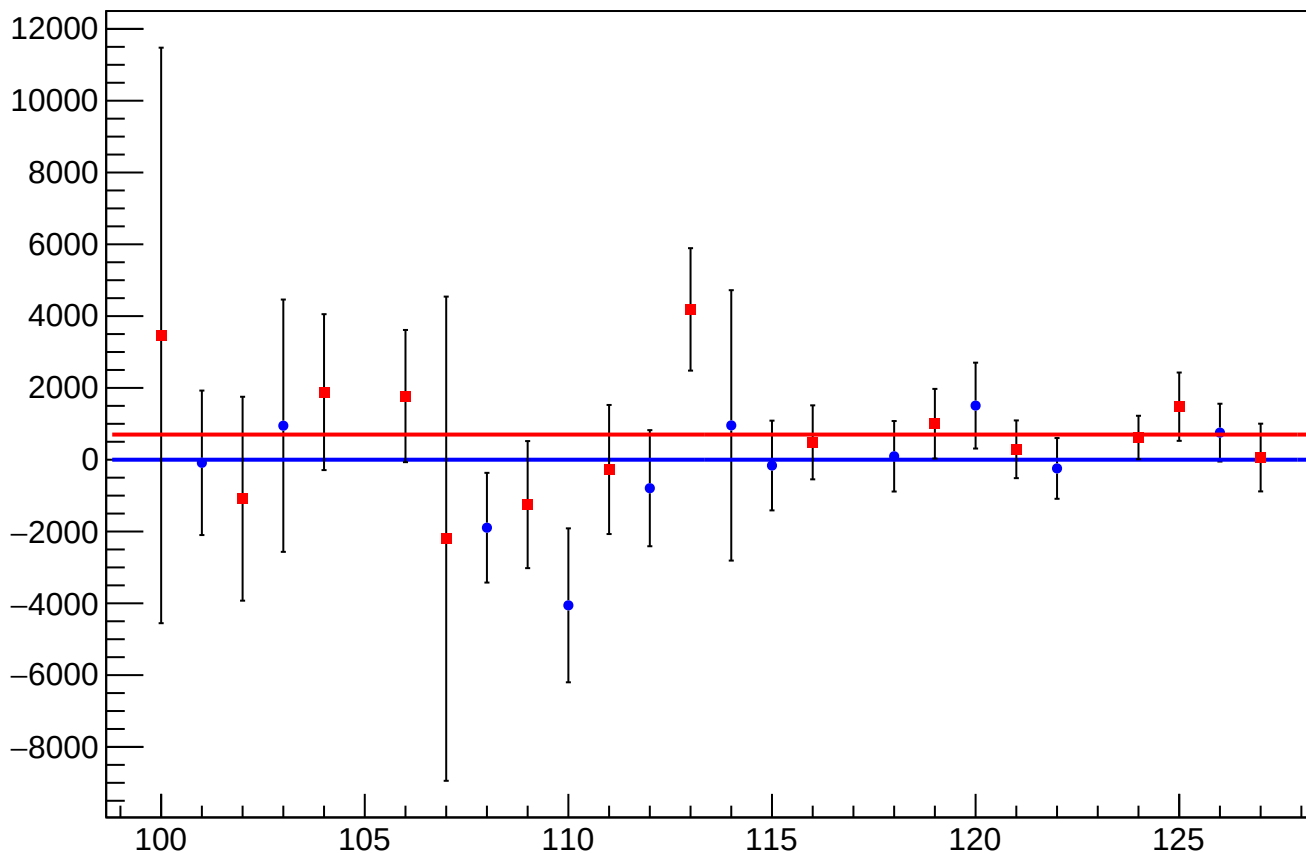
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2025.854+/-0.468 χ^2/NDF : 951658.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_reg_correction_mean vs Slug



Right In: 0.209+/-385.069 χ^2/NDF : 8.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 700.474+/-313.784 χ^2/NDF : 8.6/13

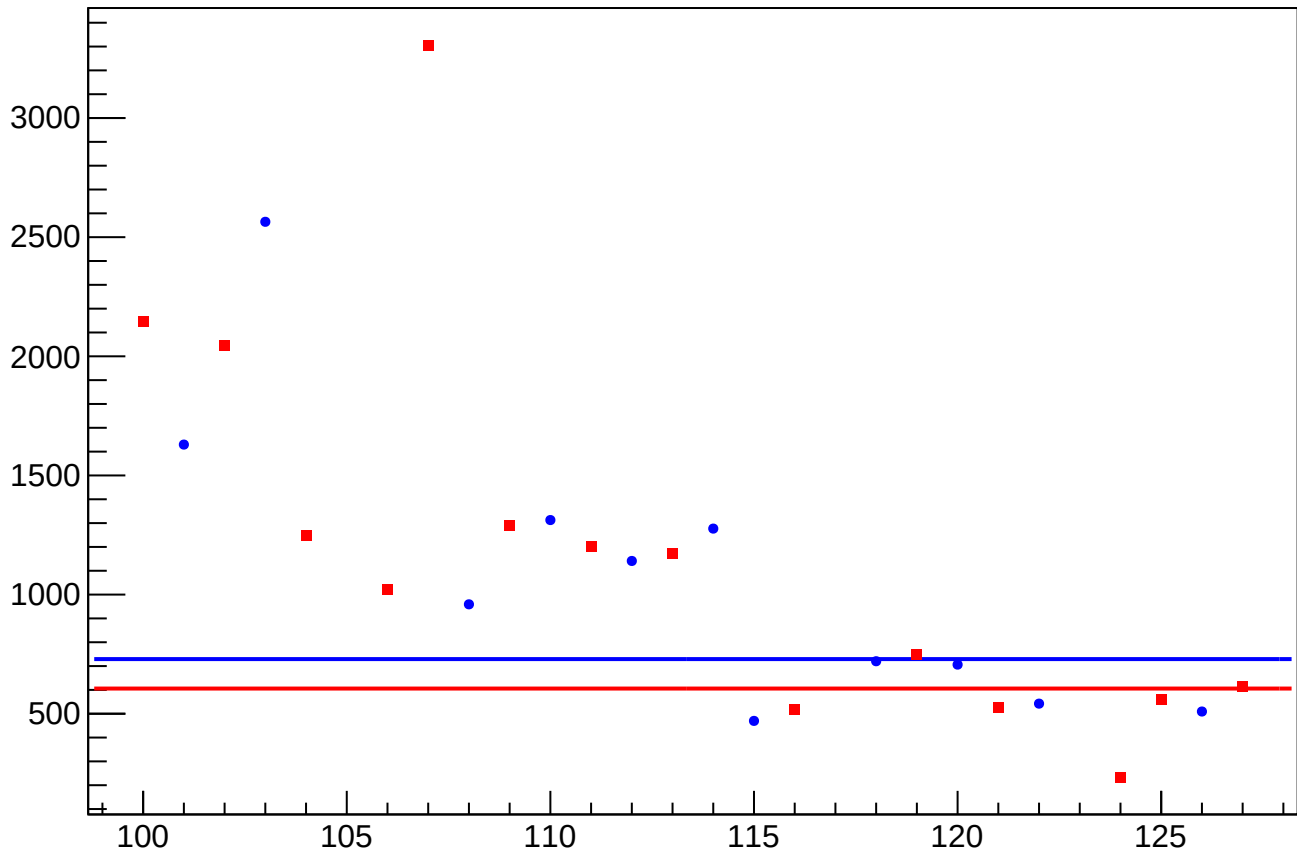
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 421.034+/-243.249 χ^2/NDF : 18.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_reg_correction_rms vs Slug



Right In: 729.315+/-0.272 χ^2/NDF : 1645476.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 605.658+/-0.222 χ^2/NDF : 2770019.2/13

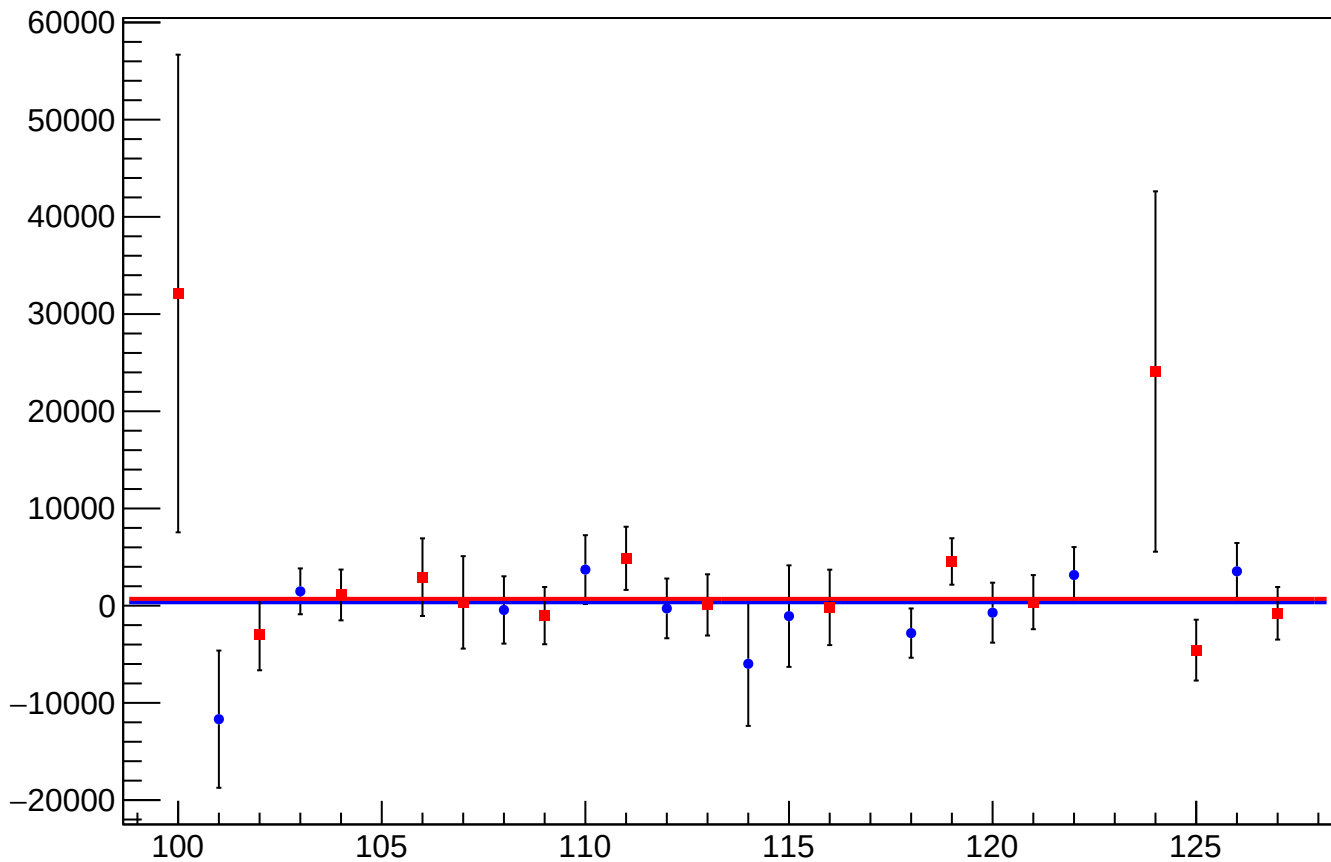
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 655.003+/-0.172 χ^2/NDF : 4539439.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at1_dd_mean vs Slug



Right In: 349.048+/-985.362 χ^2/NDF : 9.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 702.811+/-894.208 χ^2/NDF : 12.4/13

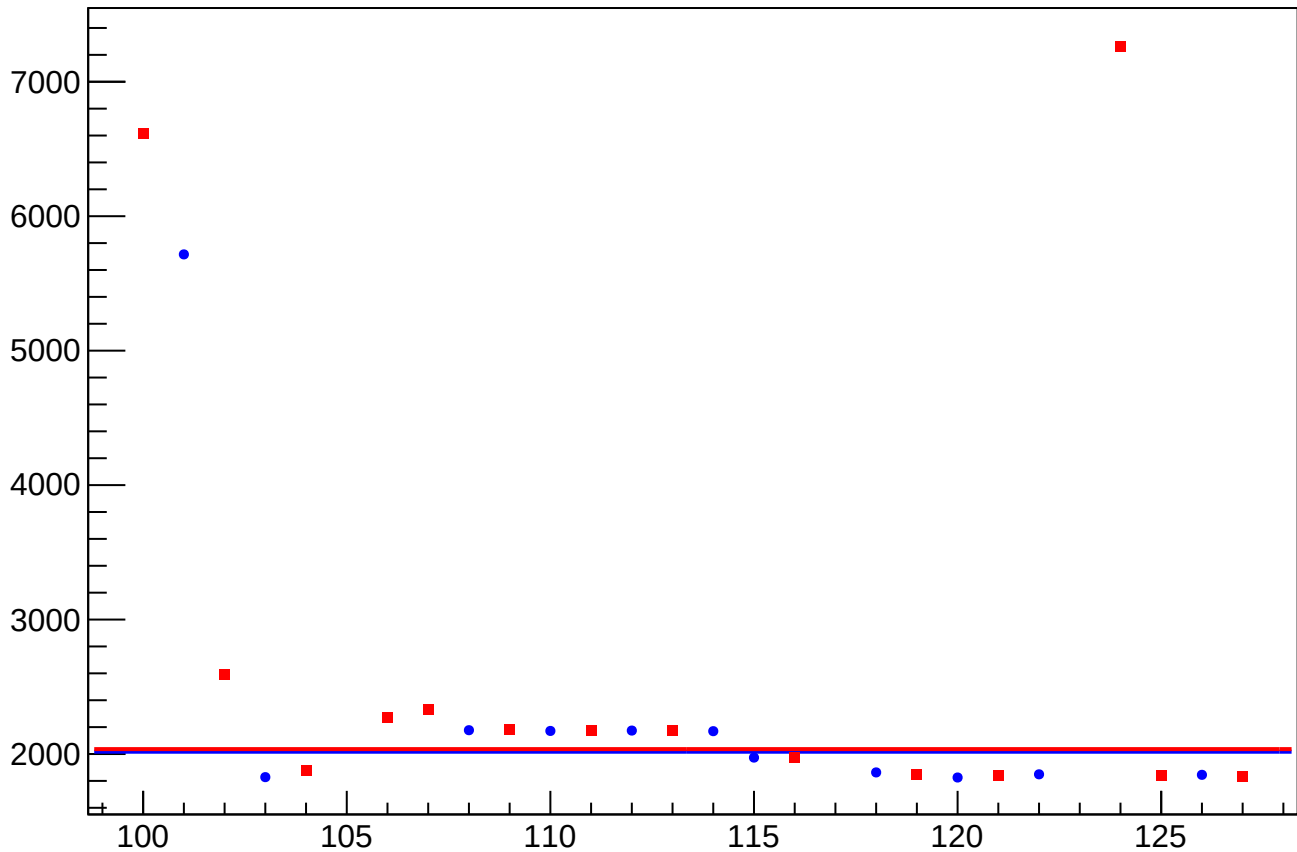
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 543.046+/-662.187 χ^2/NDF : 21.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at1_dd_rms vs Slug



Right In: 2017.071+/-0.697 χ^2/NDF : 605576.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2036.505+/-0.632 χ^2/NDF : 349520.5/13

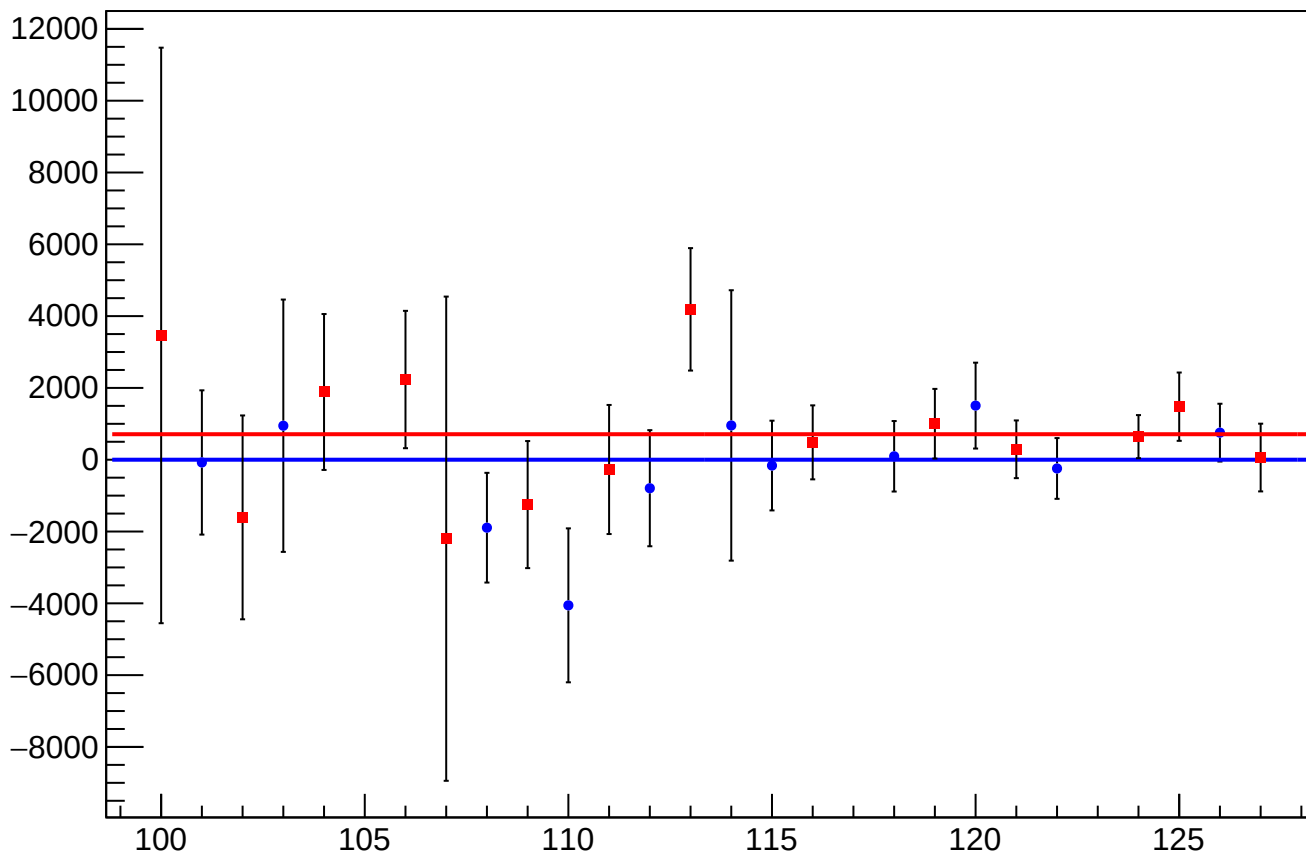
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2027.728+/-0.468 χ^2/NDF : 955523.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_cor_correction_mean vs Slug



Right In: 0.236+/-385.045 χ^2/NDF : 8.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 710.410+/-313.502 χ^2/NDF : 9.1/13

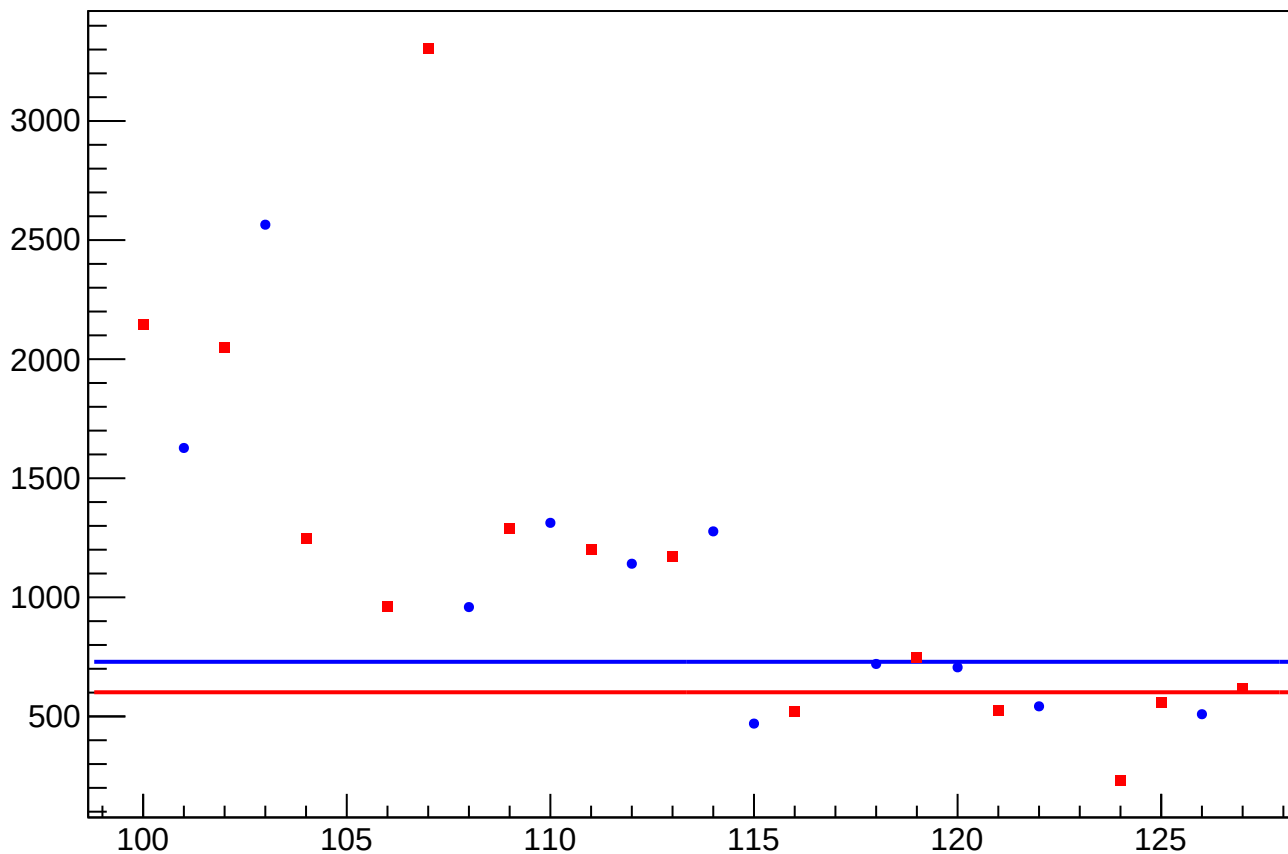
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 427.302+/-243.111 χ^2/NDF : 19.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_cor_correction_rms vs Slug



Right In: 729.317+/-0.272 χ^2/NDF : 1644581.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 601.397+/-0.222 χ^2/NDF : 2757248.3/13

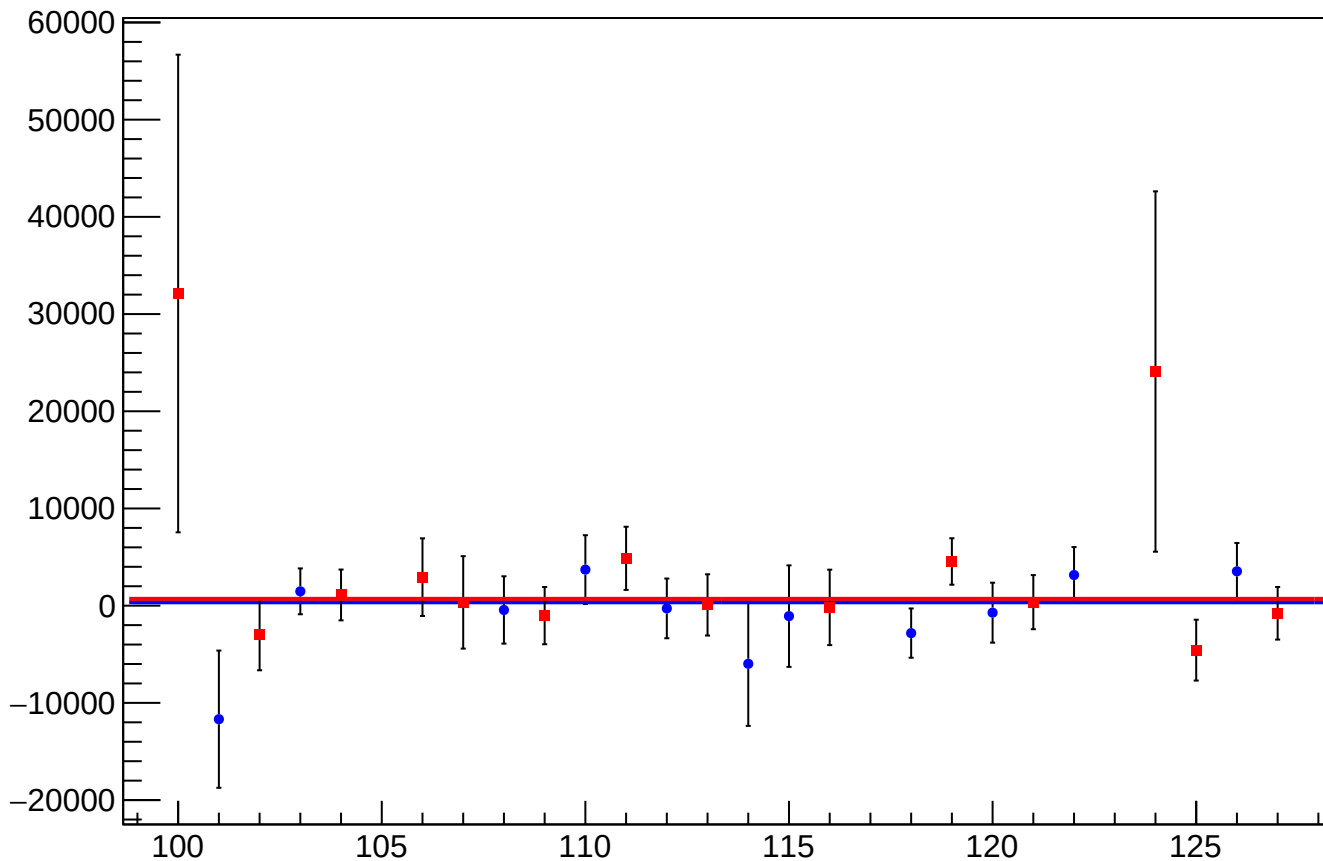
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 652.392+/-0.172 χ^2/NDF : 4534573.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at1_dd_mean vs Slug



Right In: 349.048 $\pm$ 985.362 χ^2 /NDF: 9.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 702.811 $\pm$ 894.208 χ^2 /NDF: 12.4/13

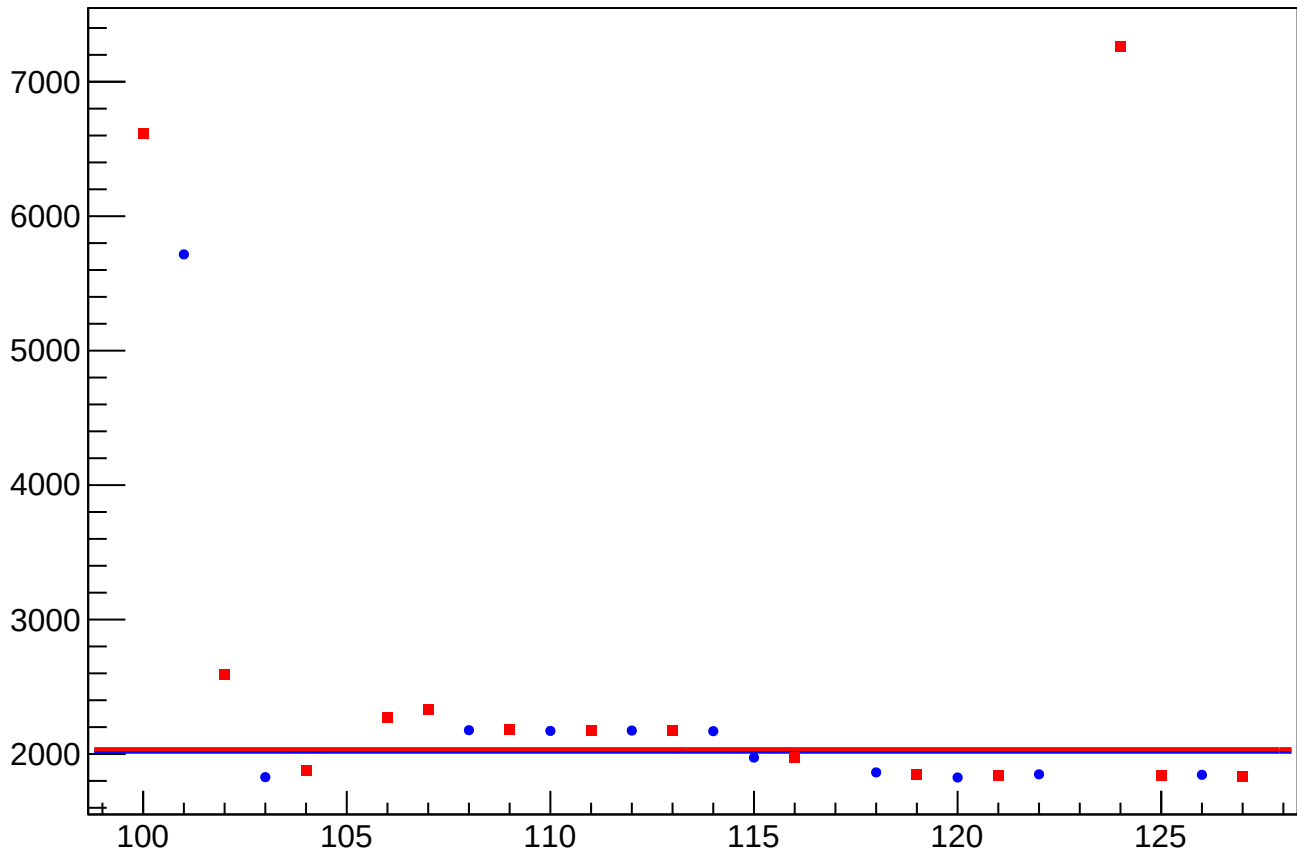
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 543.046 $\pm$ 662.187 χ^2 /NDF: 21.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_at1_dd_rms vs Slug



Right In: 2017.071+/-0.697 χ^2/NDF : 605576.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

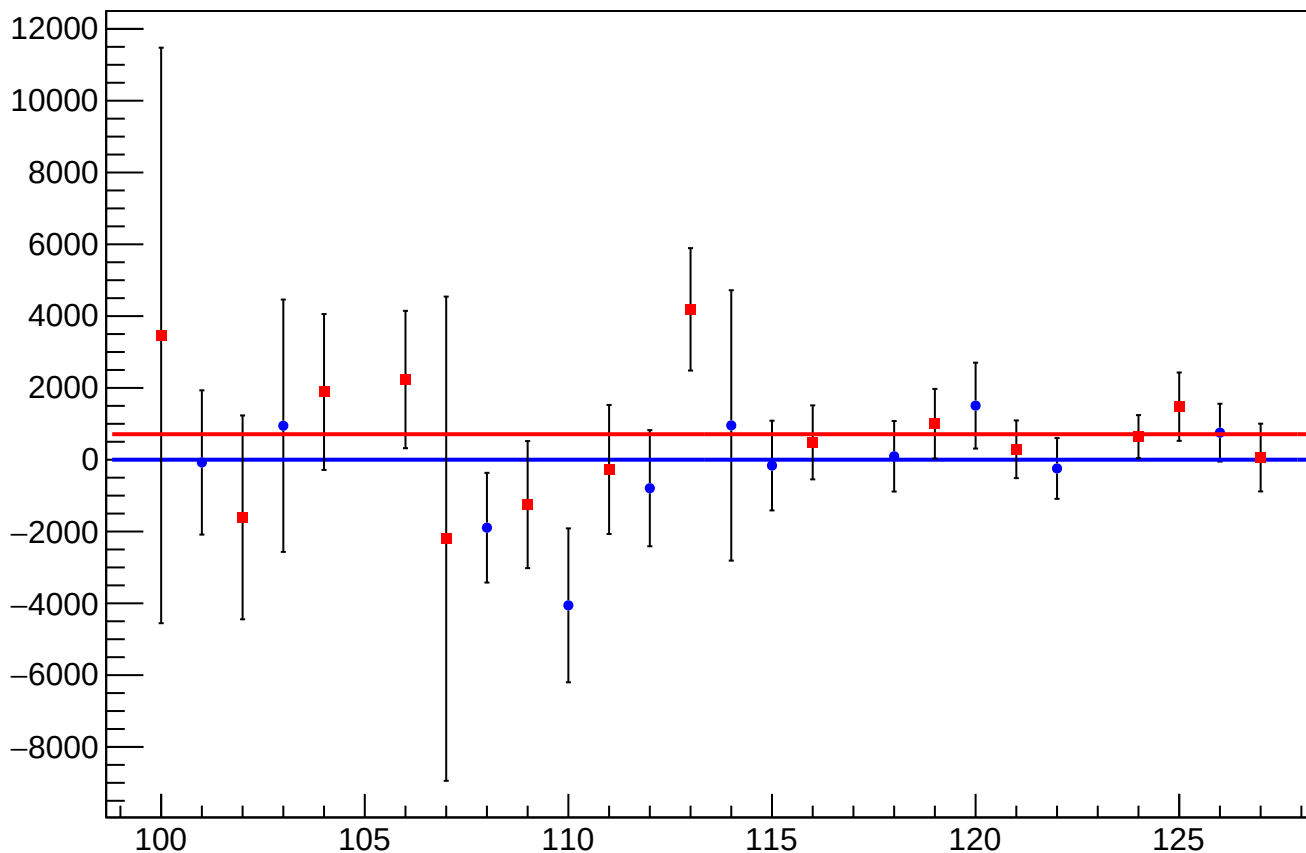
Right Out: 2036.505+/-0.632 χ^2/NDF : 349520.5/13

All: 2027.728+/-0.468 χ^2/NDF : 955523.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_eigen_cor_correction_mean vs Slug



Right In: 0.236+/-385.045 χ^2/NDF : 8.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 710.410+/-313.502 χ^2/NDF : 9.1/13

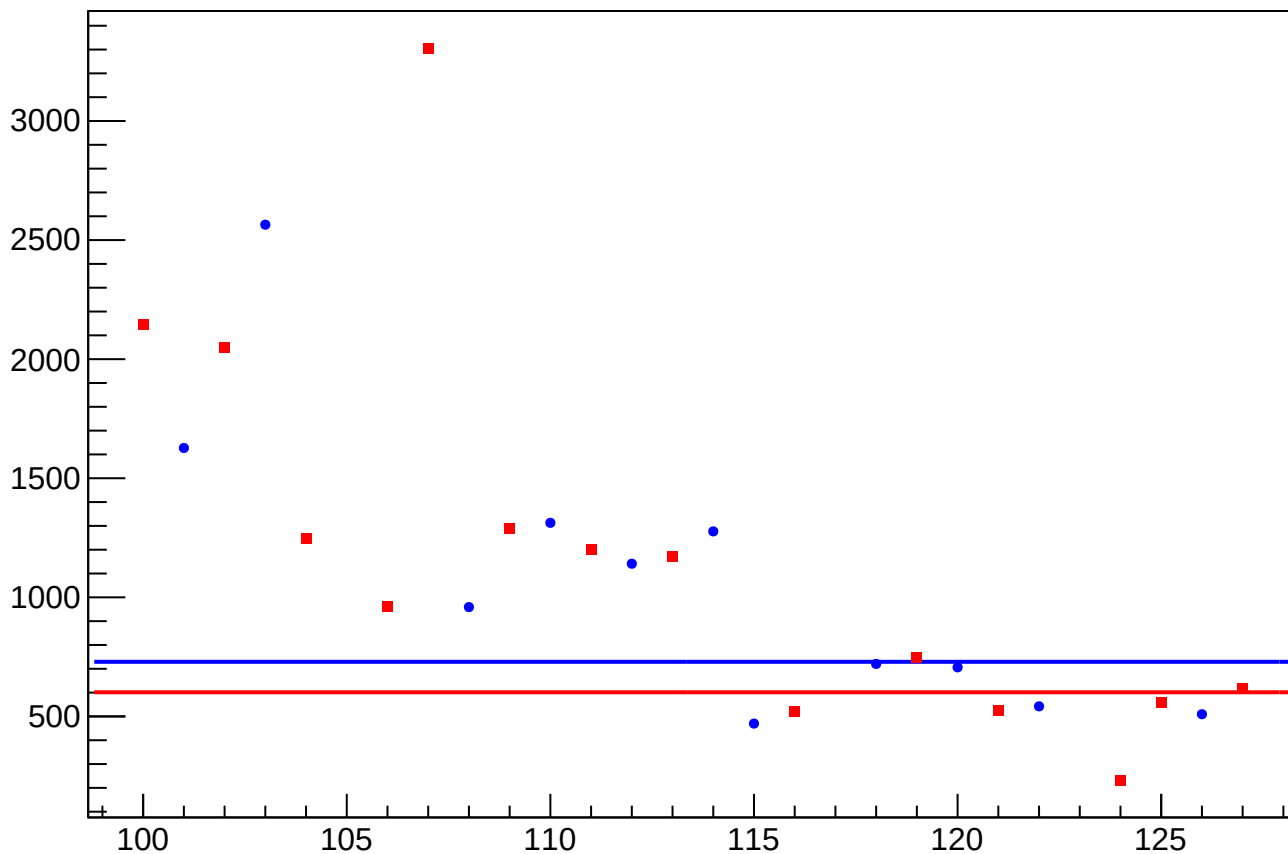
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 427.302+/-243.111 χ^2/NDF : 19.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_eigen_cor_correction_rms vs Slug



Right In: 729.317+/-0.272 χ^2/NDF : 1644581.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 601.397+/-0.222 χ^2/NDF : 2757248.3/13

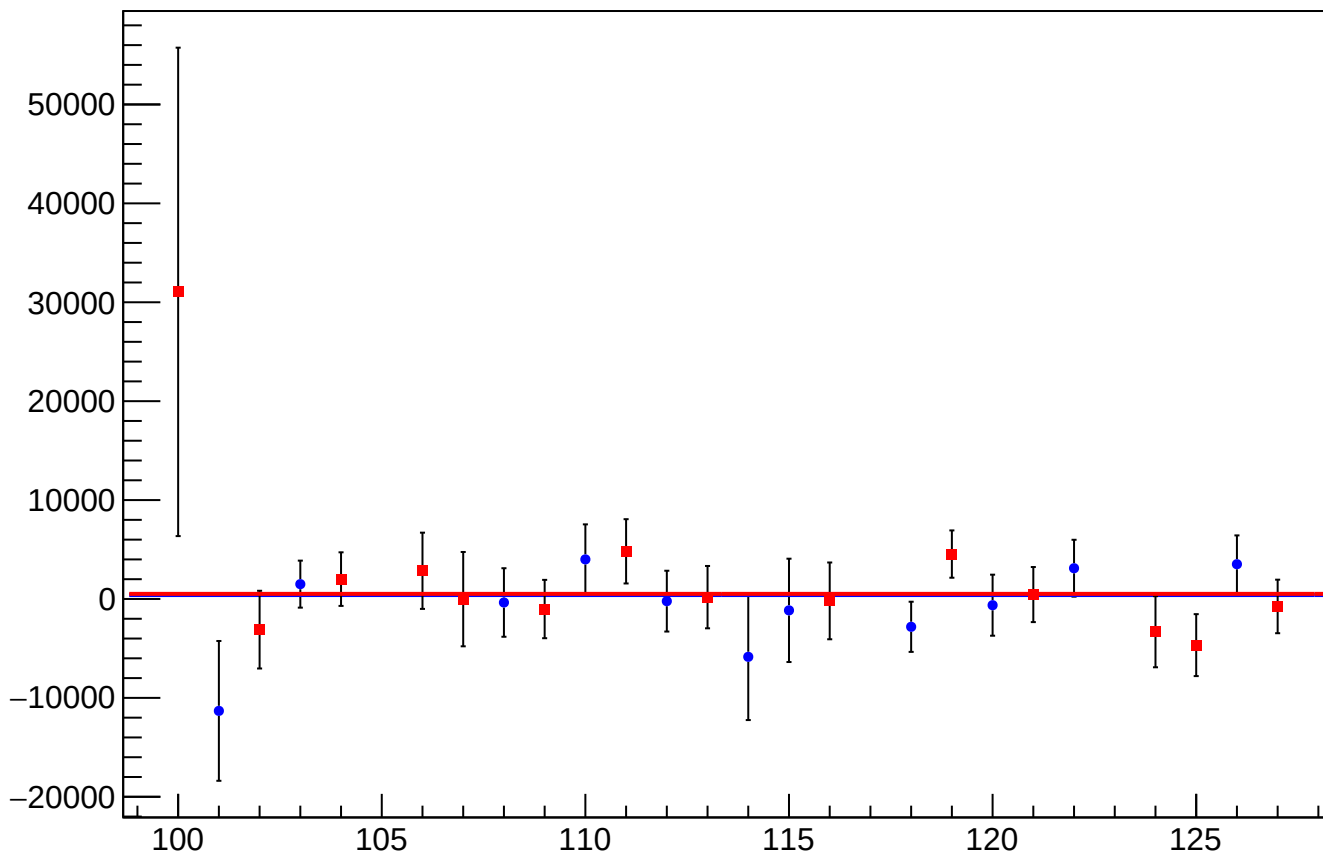
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 652.392+/-0.172 χ^2/NDF : 4534573.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at1_dd_mean vs Slug



Right In: 397.598+/-986.968 χ^2/NDF : 8.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 516.452+/-873.620 χ^2/NDF : 12.0/13

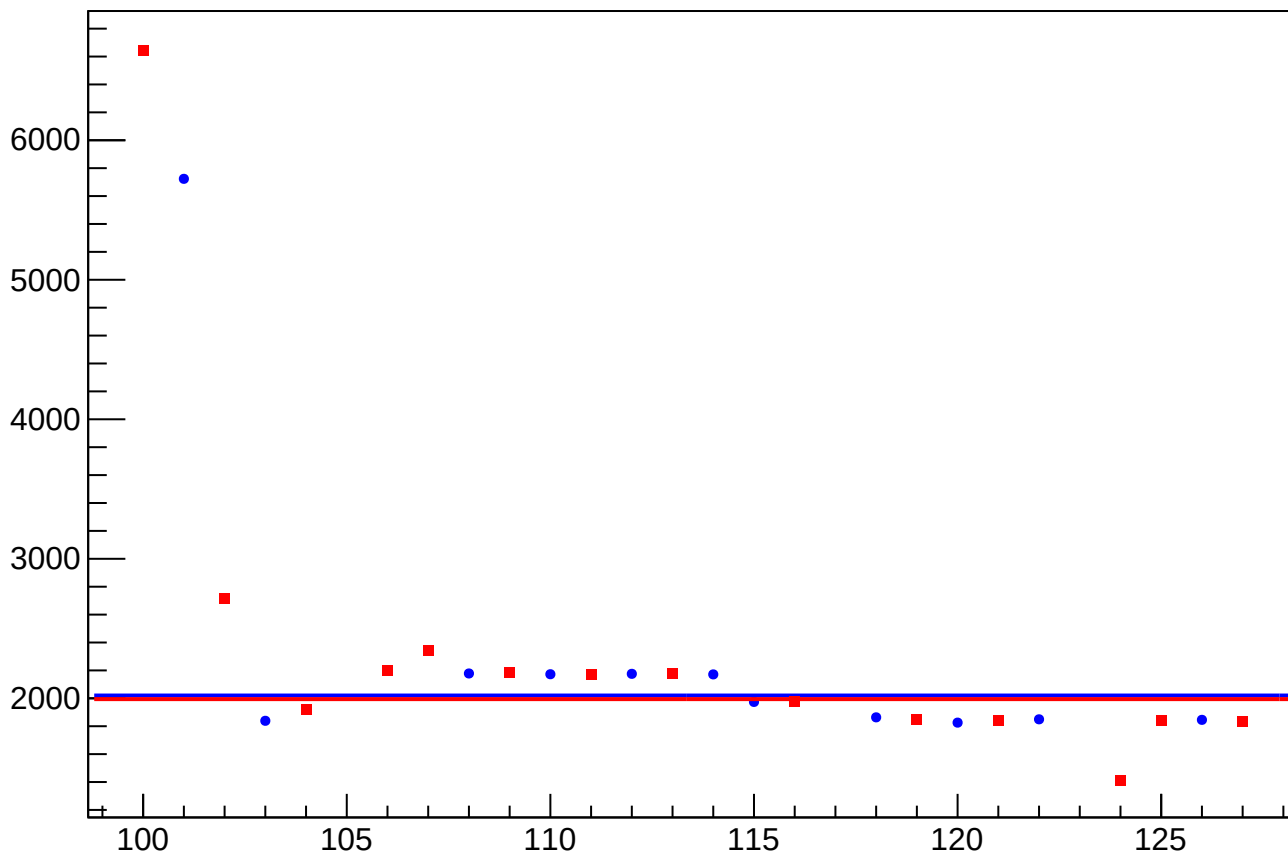
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 464.239+/-654.163 χ^2/NDF : 20.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at1_dd_rms vs Slug



Right In: 2019.950+/-0.698 χ^2/NDF : 604744.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1994.259+/-0.618 χ^2/NDF : 254738.1/13

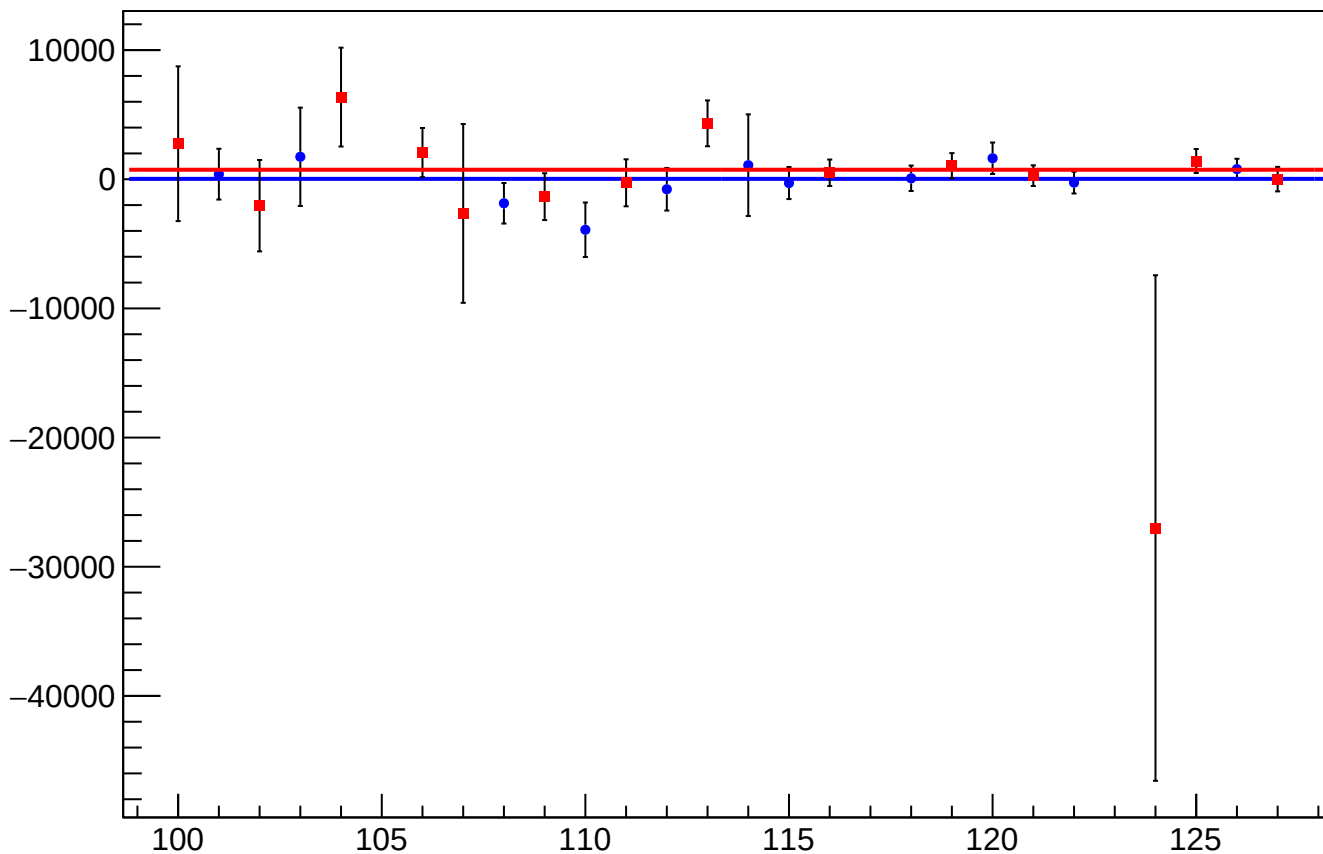
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2005.545+/-0.463 χ^2/NDF : 860242.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_dit_correction_mean vs Slug



Right In: 30.336+/-386.249 χ^2 /NDF: 8.3/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 737.099+/-371.981 χ^2 /NDF: 12.9/13

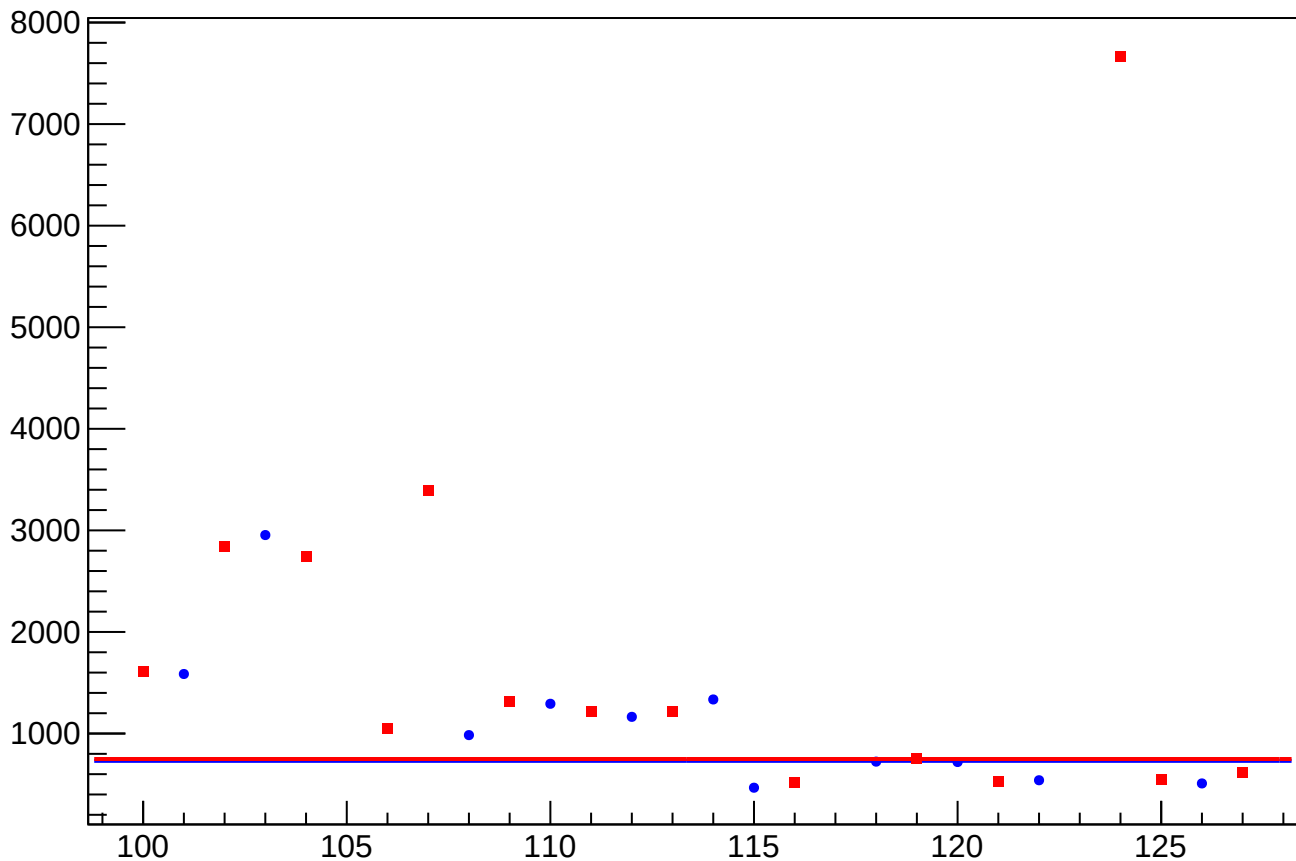
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 397.012+/-267.933 χ^2 /NDF: 22.9/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_dit_correction_rms vs Slug



Right In: 731.190+/-0.273 χ^2/NDF : 1786200.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 749.204+/-0.263 χ^2/NDF : 2739646.2/13

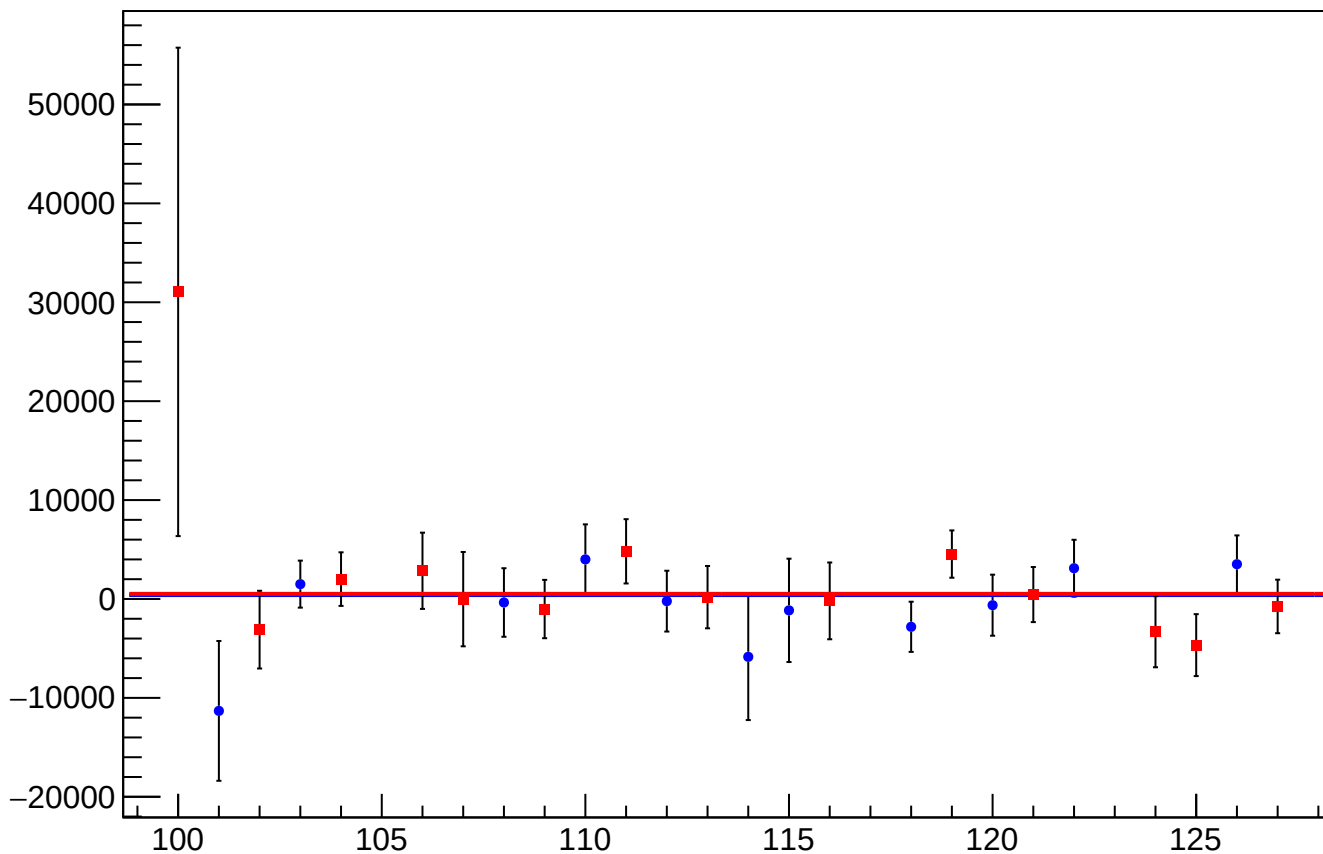
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 740.536+/-0.189 χ^2/NDF : 4528103.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at1_dd_mean vs Slug



Right In: 397.597 $\pm$ 986.968 χ^2 /NDF: 8.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 516.453 $\pm$ 873.619 χ^2 /NDF: 12.0/13

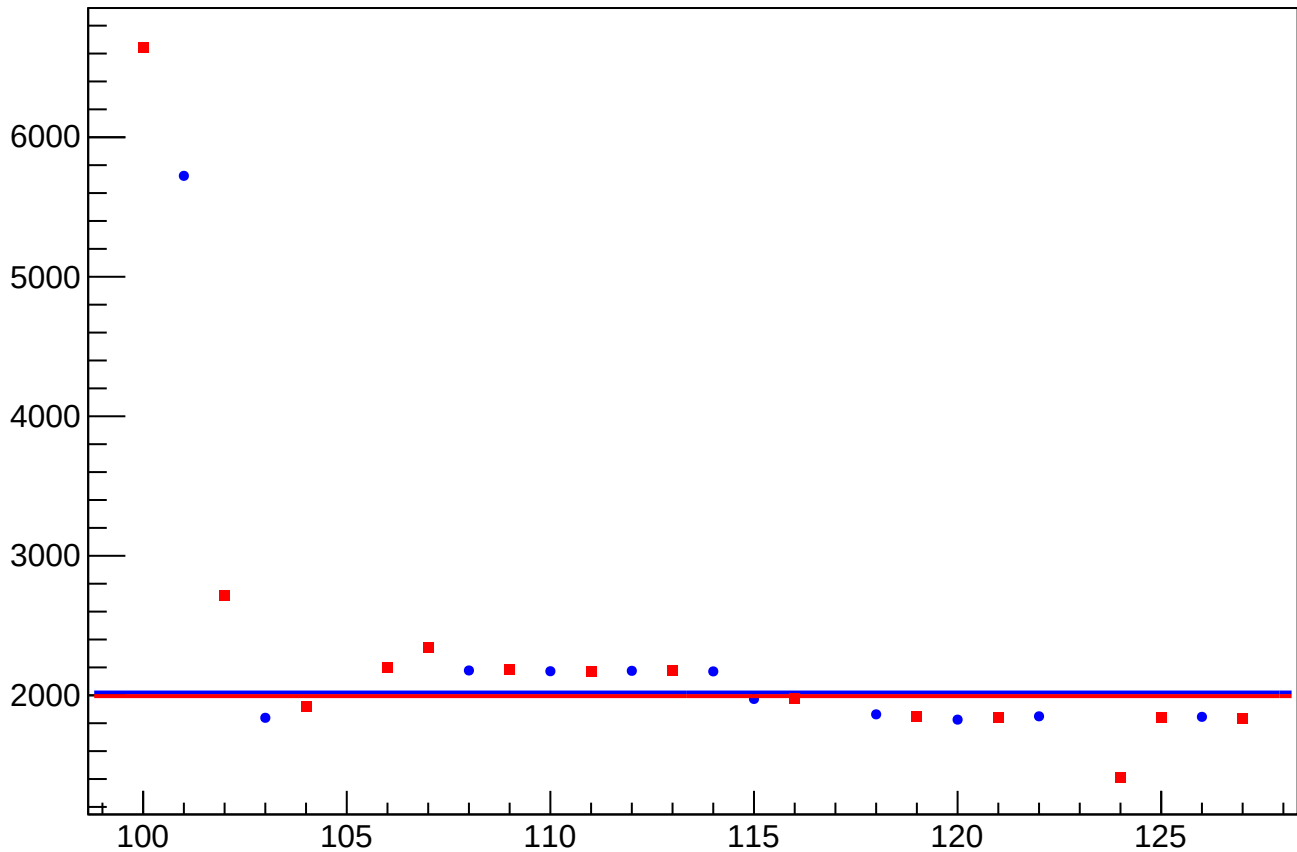
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 464.239 $\pm$ 654.163 χ^2 /NDF: 20.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_at1_dd_rms vs Slug



Right In: 2019.950+/-0.698 χ^2/NDF : 604744.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1994.259+/-0.618 χ^2/NDF : 254738.0/13

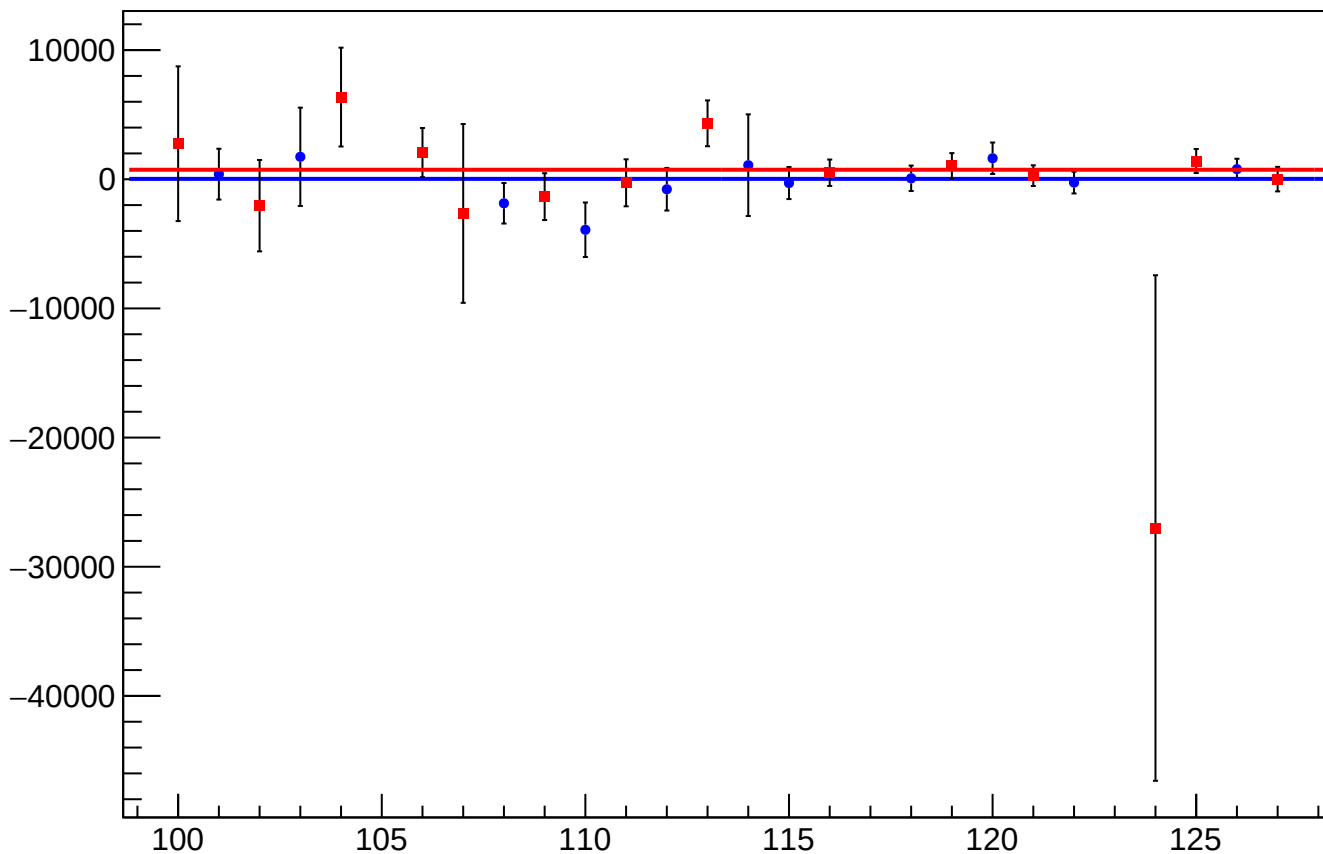
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2005.545+/-0.463 χ^2/NDF : 860242.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_eigen_dit_correction_mean vs Slug



Right In: 30.335+/-386.249 χ^2/NDF : 8.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 737.099+/-371.981 χ^2/NDF : 12.9/13

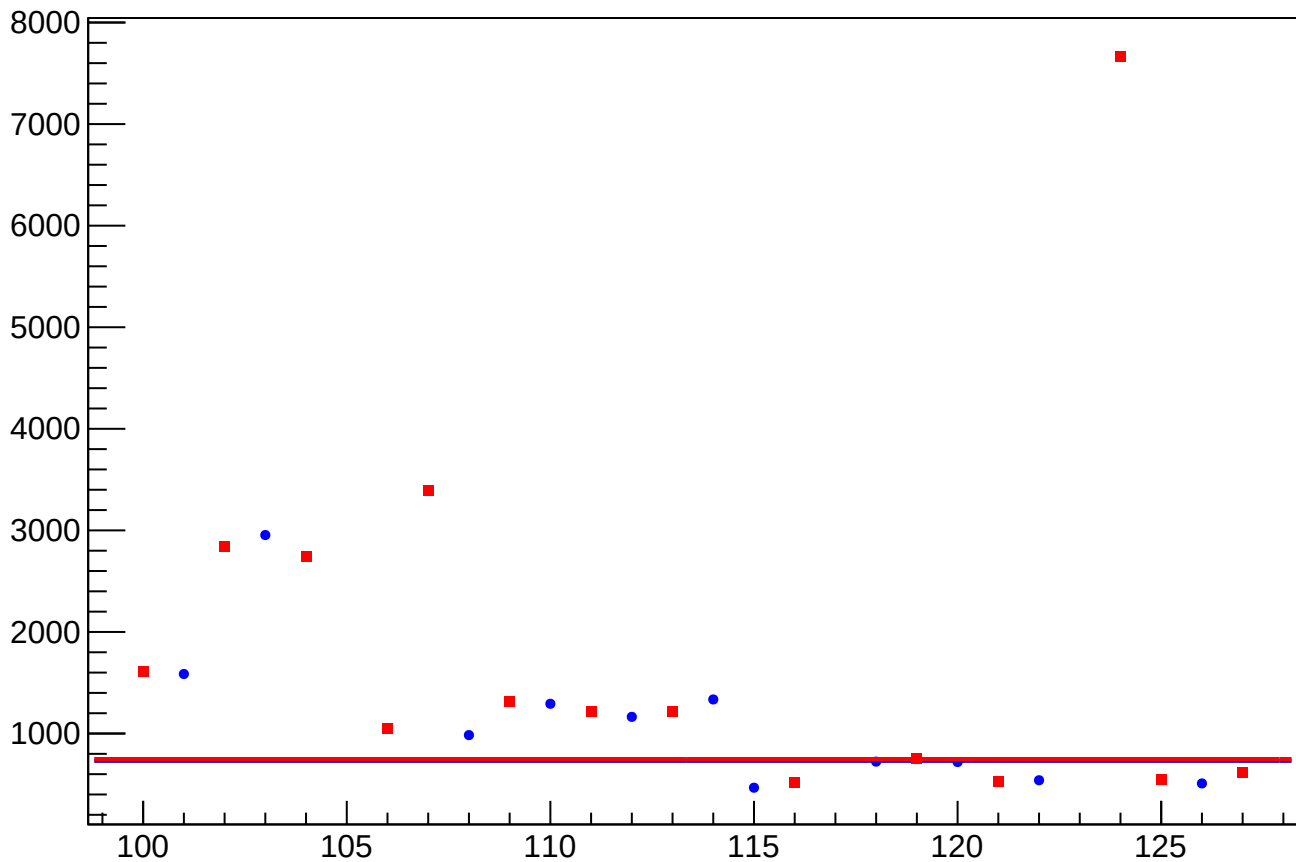
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 397.011+/-267.932 χ^2/NDF : 22.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_eigen_dit_correction_rms vs Slug



Right In: 731.190+/-0.273 χ^2/NDF : 1786200.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 749.204+/-0.263 χ^2/NDF : 2739646.4/13

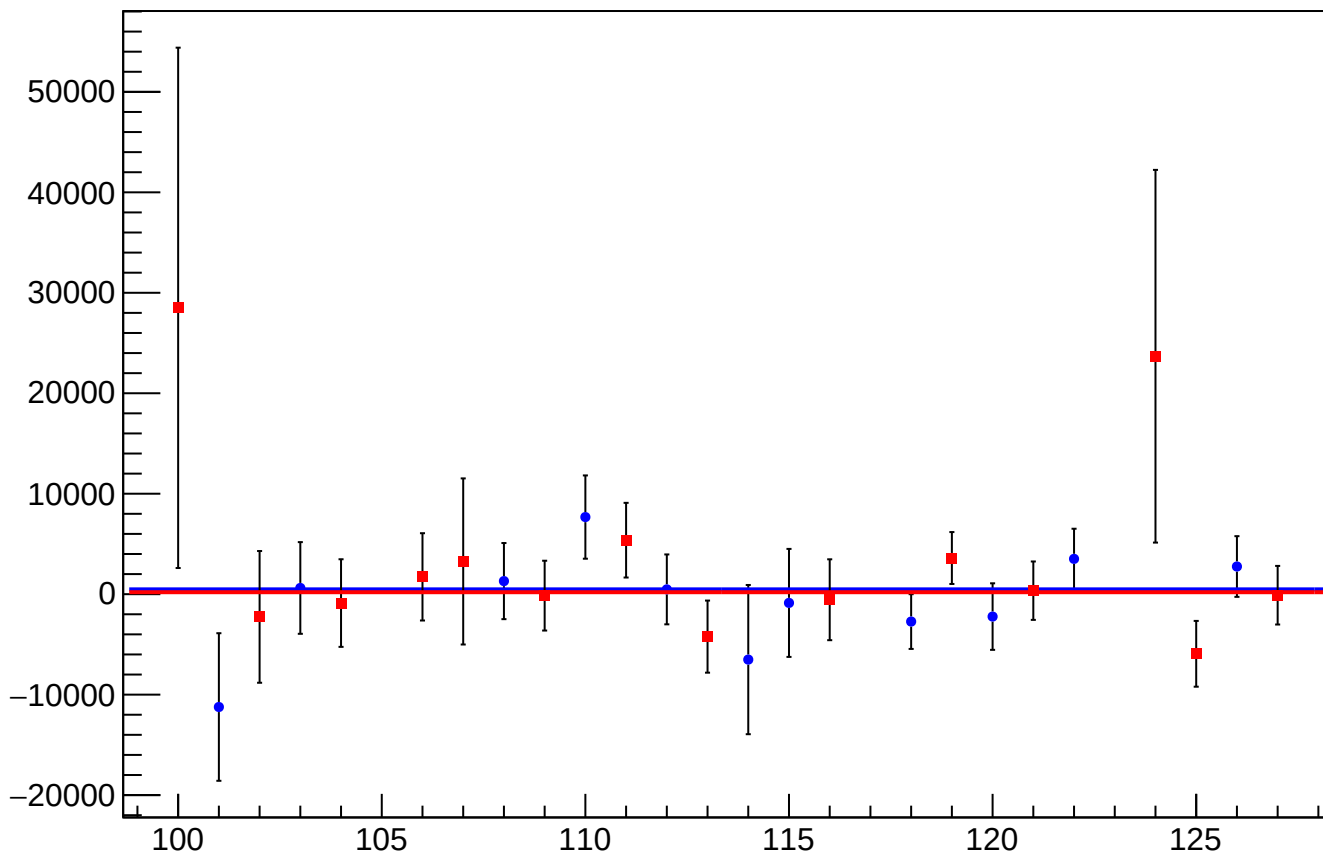
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 740.536+/-0.189 χ^2/NDF : 4528103.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_mean vs Slug



Right In: 479.173+/-1134.917 χ^2/NDF : 10.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 196.604+/-1041.757 χ^2/NDF : 12.0/13

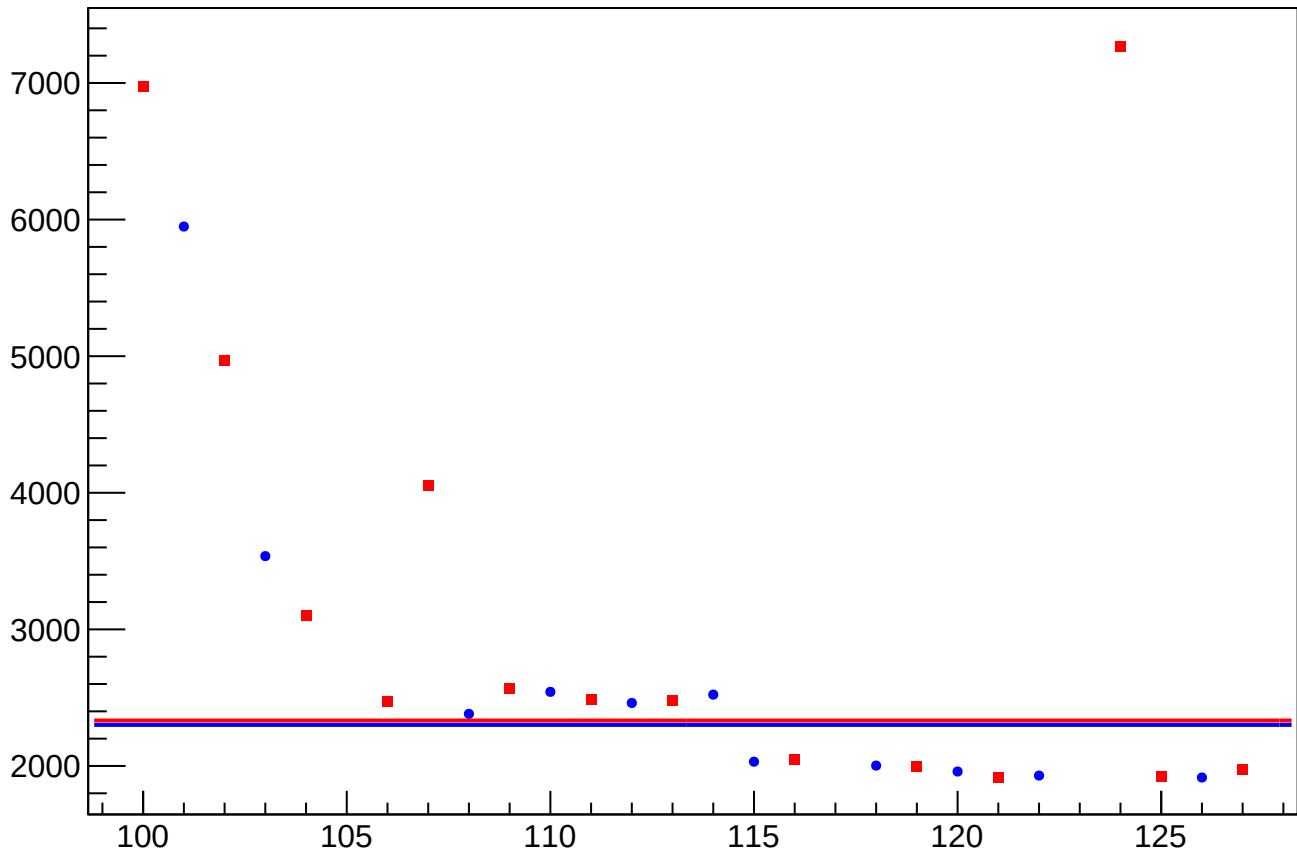
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 325.817+/-767.458 χ^2/NDF : 22.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_rms vs Slug



Right In: 2300.702+/-0.803 χ^2/NDF : 766985.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2332.796+/-0.737 χ^2/NDF : 841879.4/13

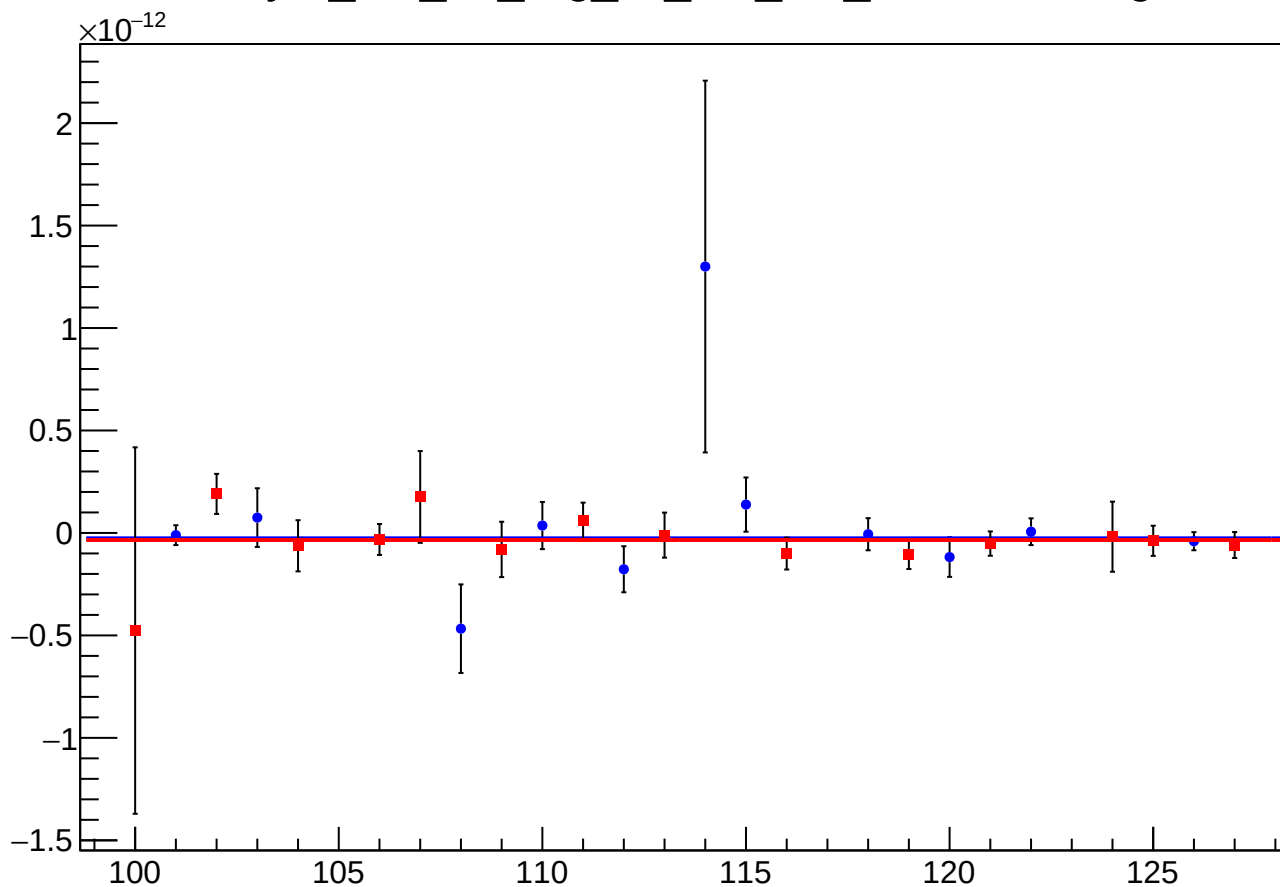
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2318.120+/-0.543 χ^2/NDF : 1609733.2/24

- 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 : 11.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 9.7/13

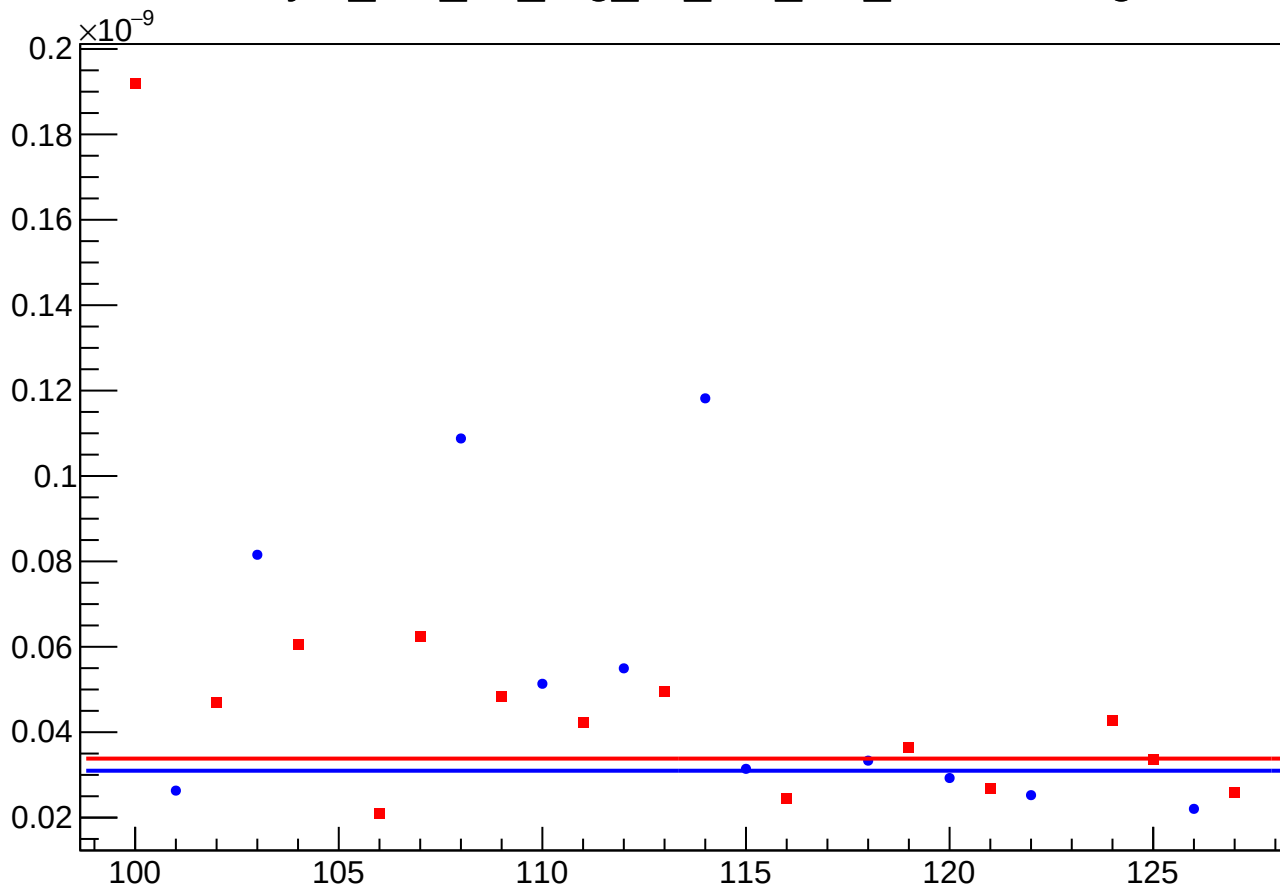
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 21.6/24

- 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 $\pm$ 0.000 χ^2/NDF : 798997.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 461345.1/13

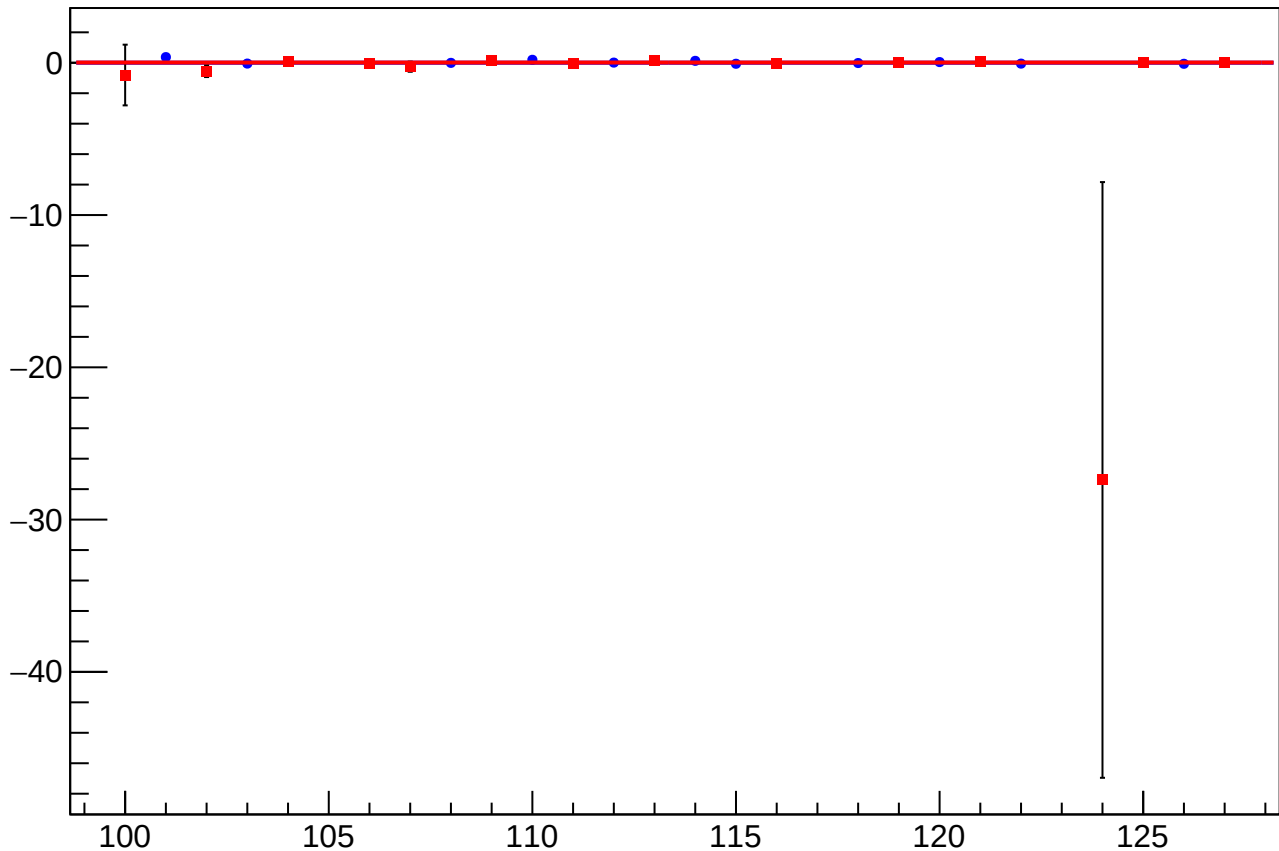
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 1274367.0/24

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_at1_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.003 $\pm$ 0.021 χ^2 /NDF: 16.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.016 $\pm$ 0.019 χ^2 /NDF: 11.4/13

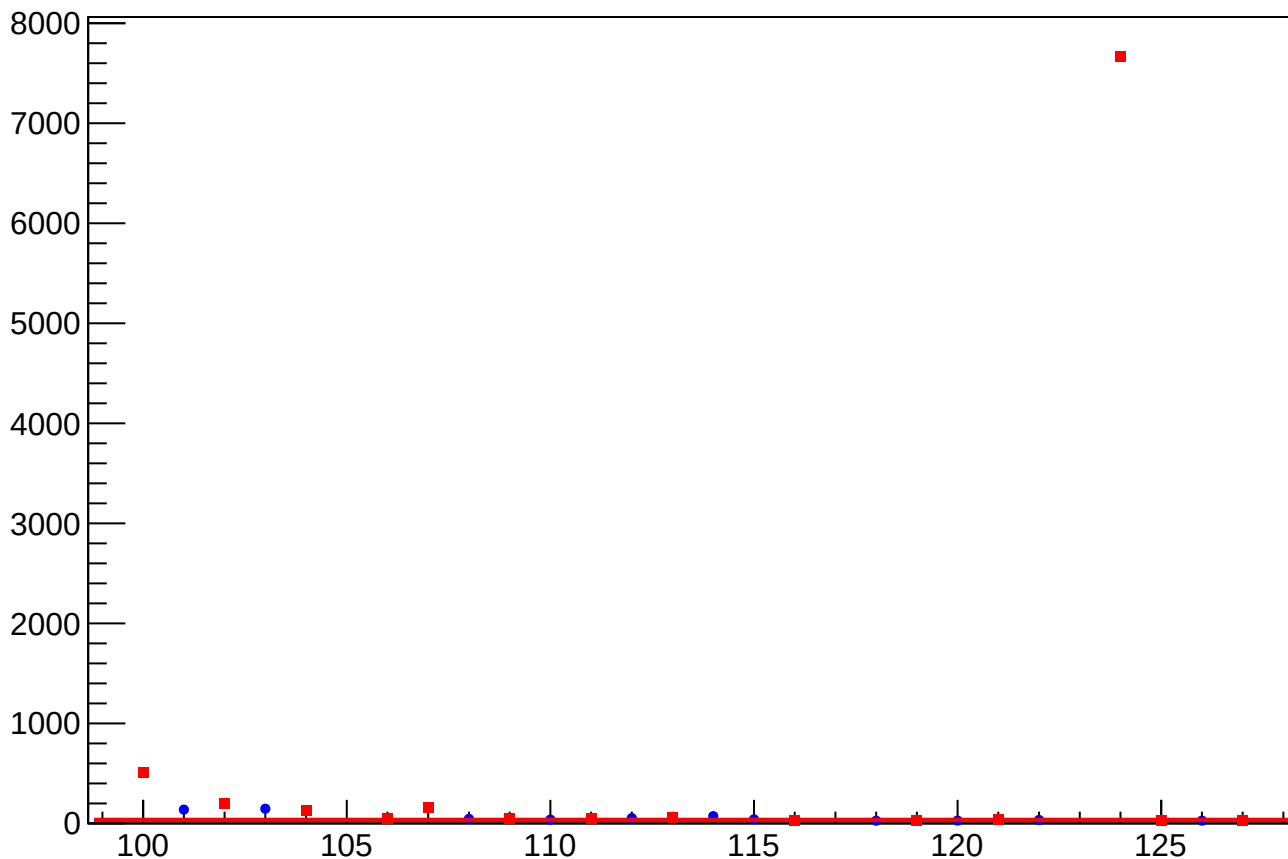
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.014 χ^2 /NDF: 27.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_dit_vs_cor_diff_rms vs Slug



Right In: 36.231+/-0.015 χ^2/NDF : 1635546.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.523+/-0.014 χ^2/NDF : 1947361.7/13

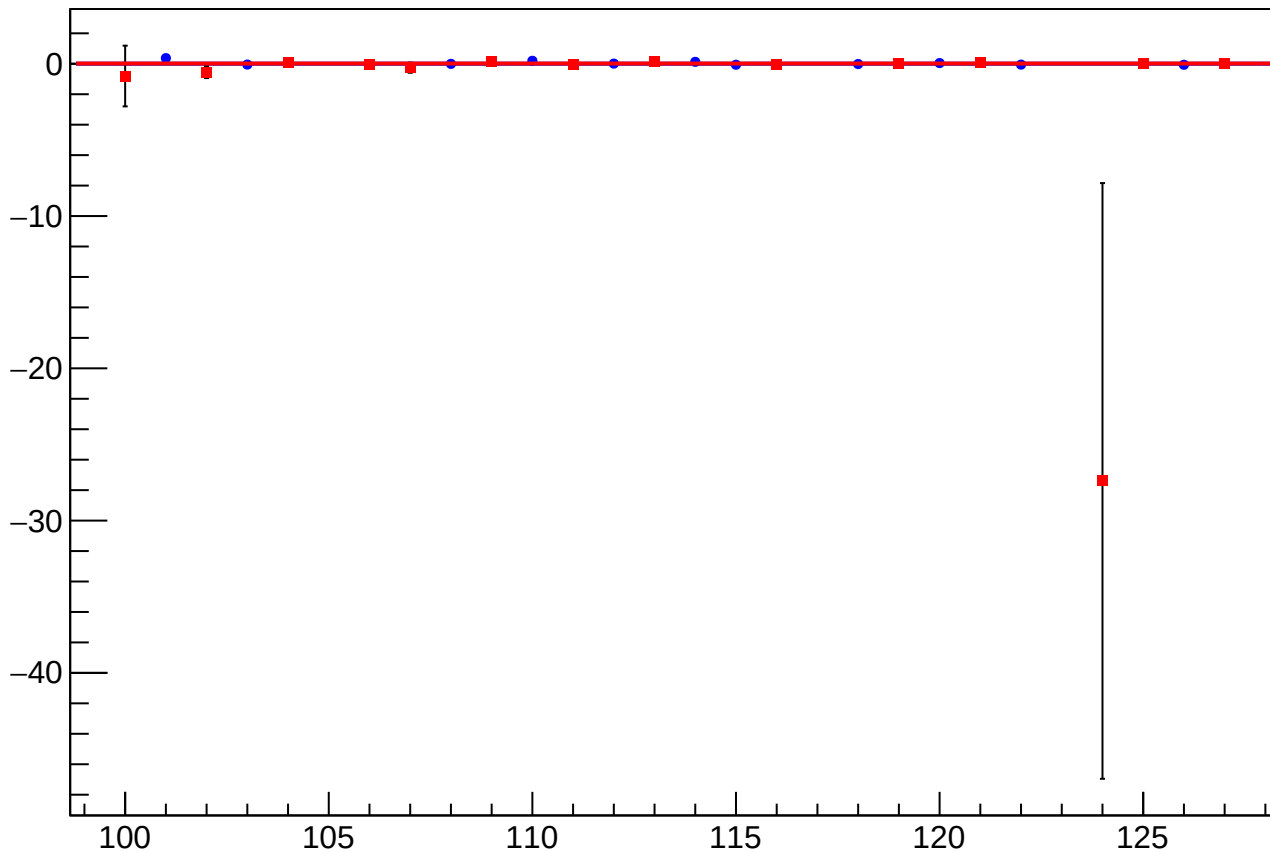
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.856+/-0.010 χ^2/NDF : 3584155.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.003 $\pm$ 0.021 χ^2 /NDF: 16.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.016 $\pm$ 0.019 χ^2 /NDF: 11.4/13

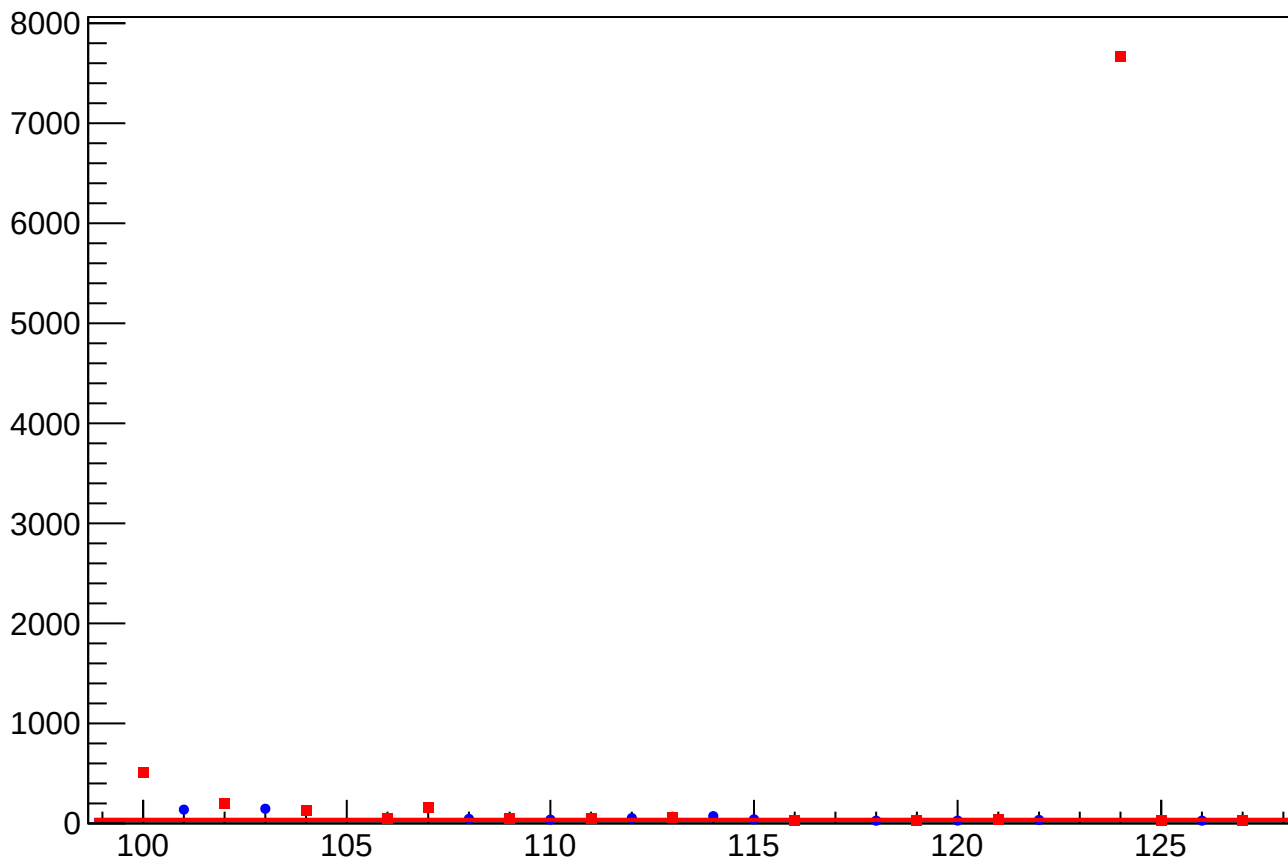
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.014 χ^2 /NDF: 27.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 36.231+/-0.015 χ^2/NDF : 1635546.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.523+/-0.014 χ^2/NDF : 1947361.7/13

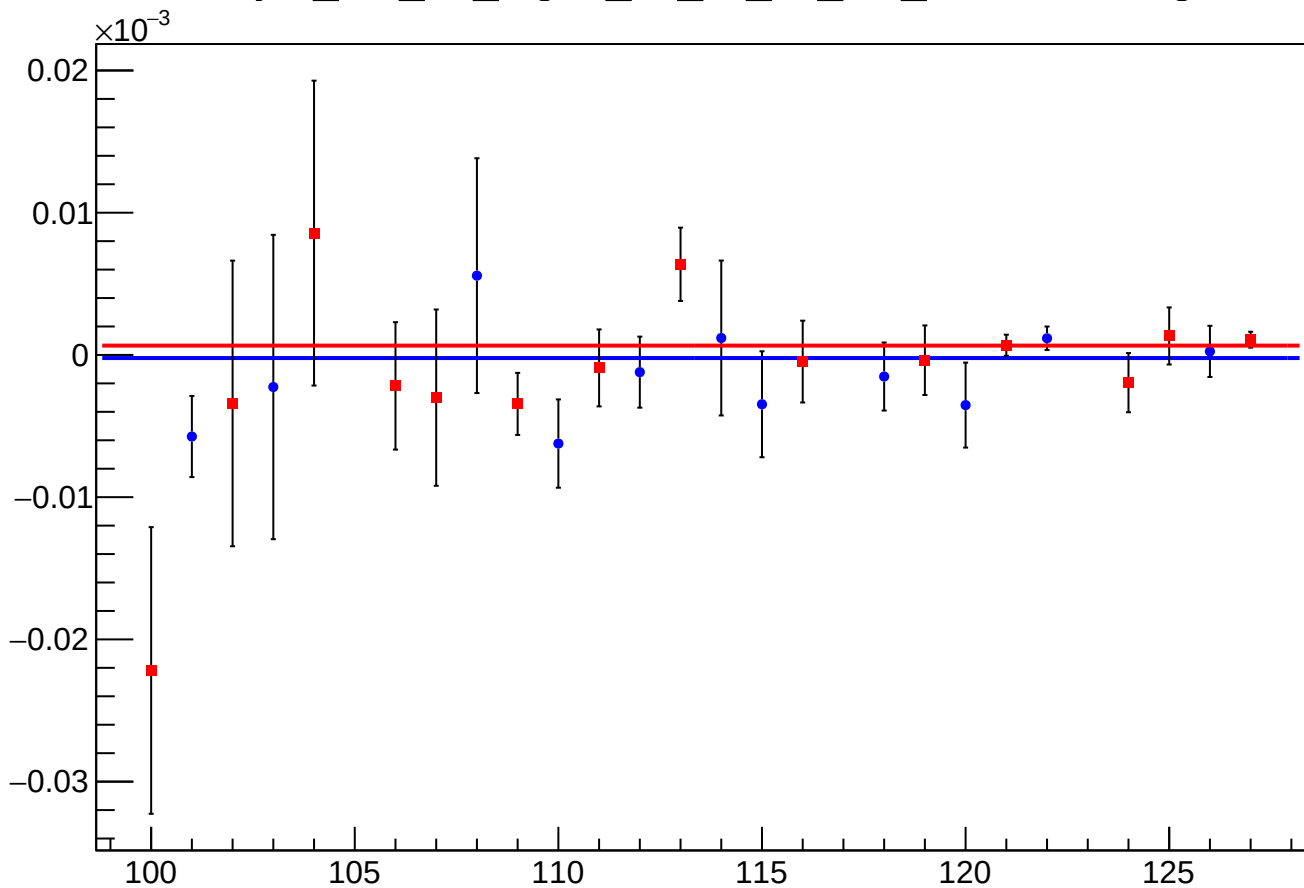
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.856+/-0.010 χ^2/NDF : 3584155.6/24

- 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 : 13.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 17.9/13

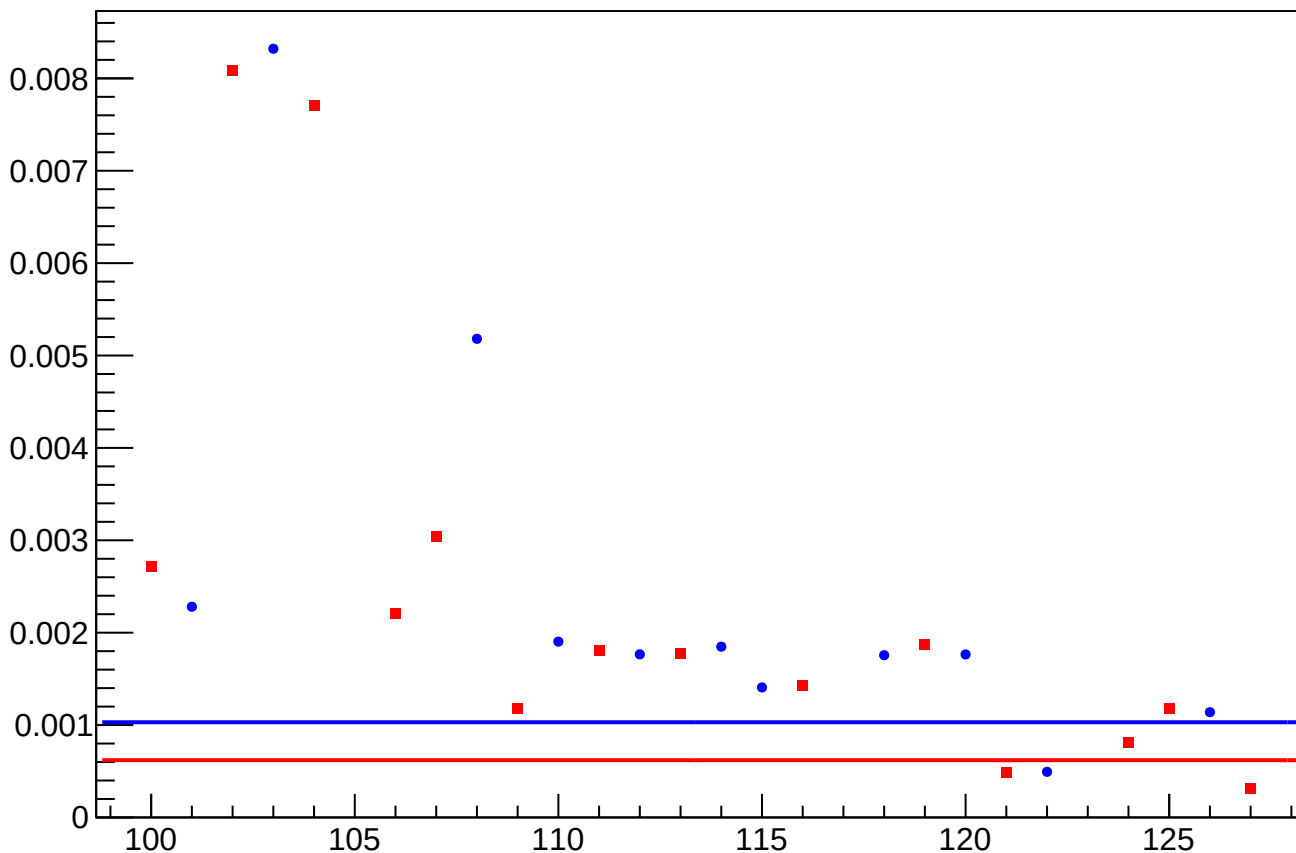
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 32.8/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at1_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 3369007.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 5082788.6/13

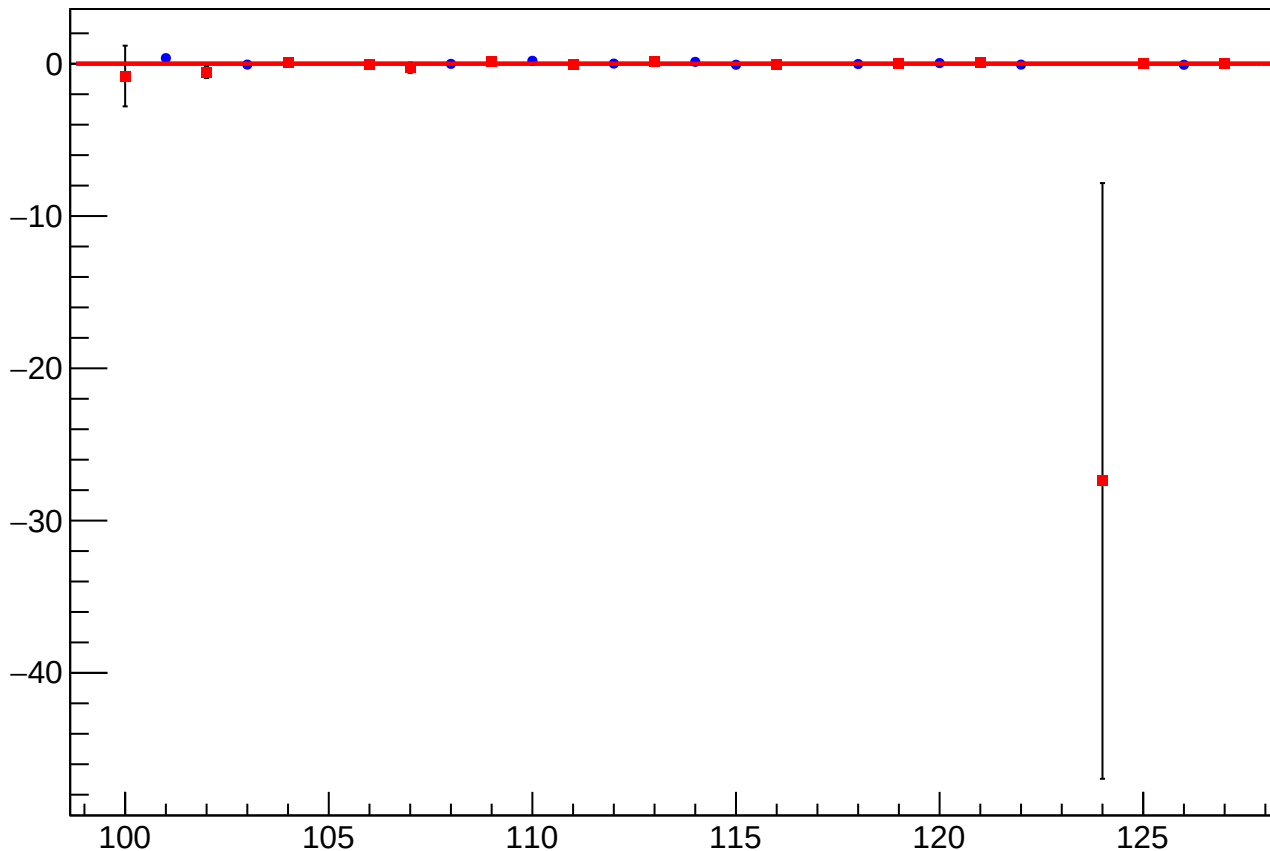
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 9071764.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.003 $\pm$ 0.021 χ^2 /NDF: 16.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.016 $\pm$ 0.019 χ^2 /NDF: 11.4/13

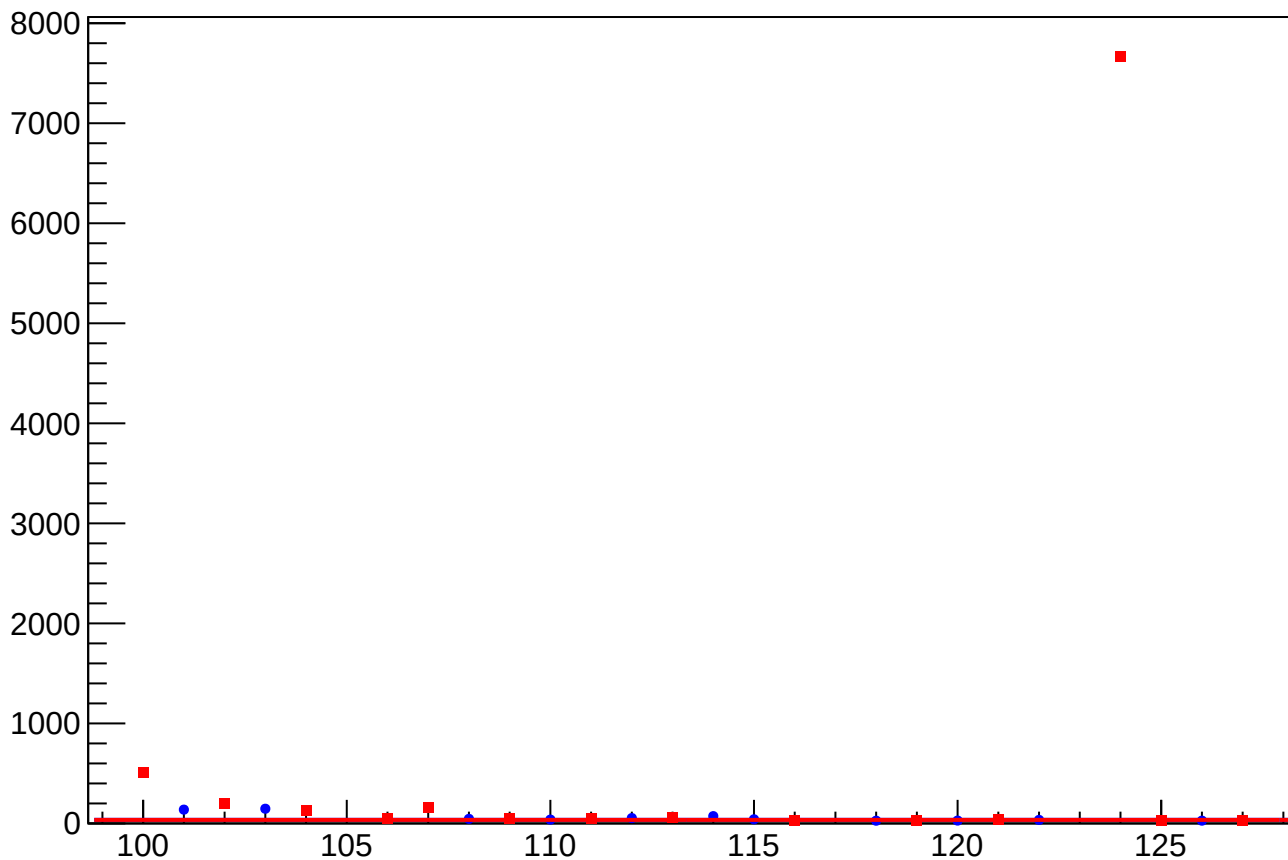
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.014 χ^2 /NDF: 27.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 36.232+/-0.015 χ^2/NDF : 1635522.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.523+/-0.014 χ^2/NDF : 1947353.1/13

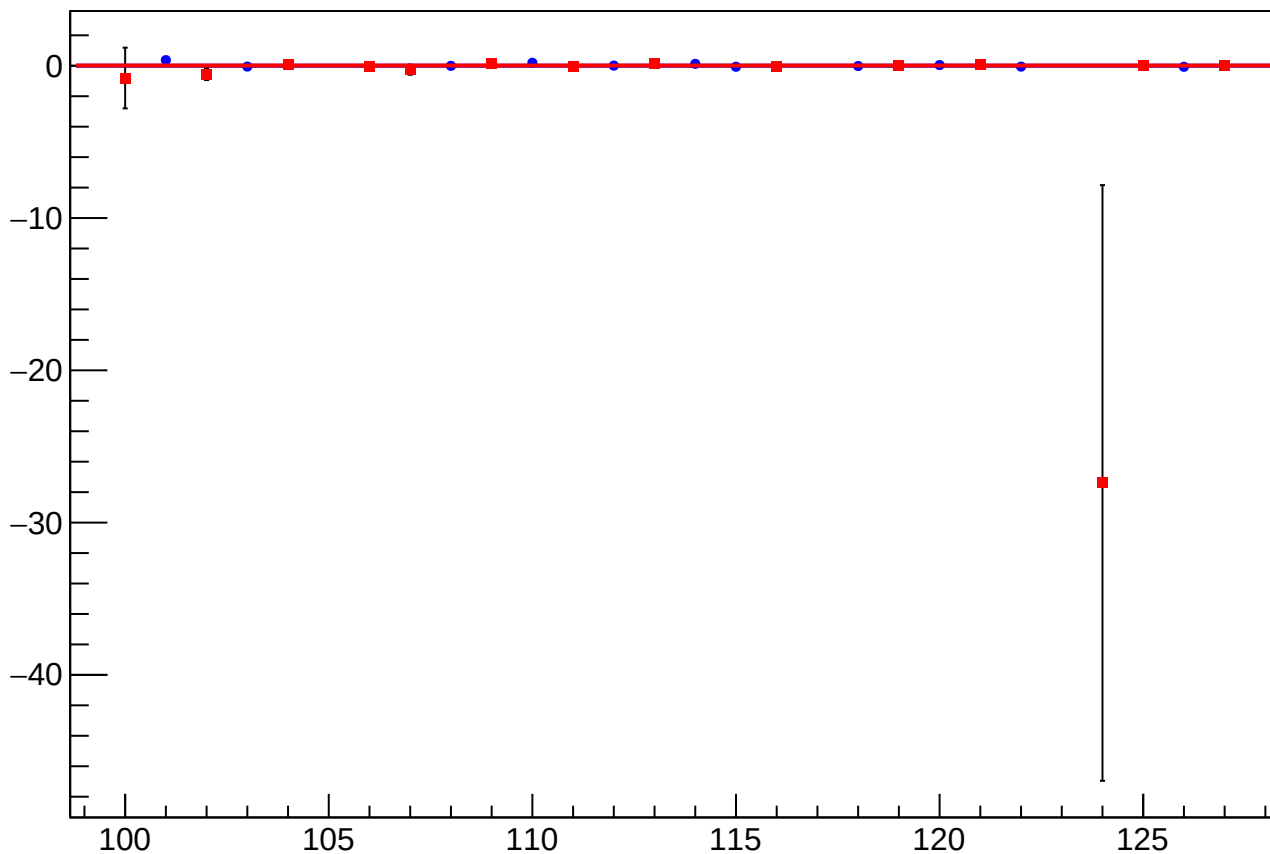
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.856+/-0.010 χ^2/NDF : 3584124.4/24

- 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: 0.003 $\pm$ 0.021 χ^2 /NDF: 16.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.016 $\pm$ 0.019 χ^2 /NDF: 11.4/13

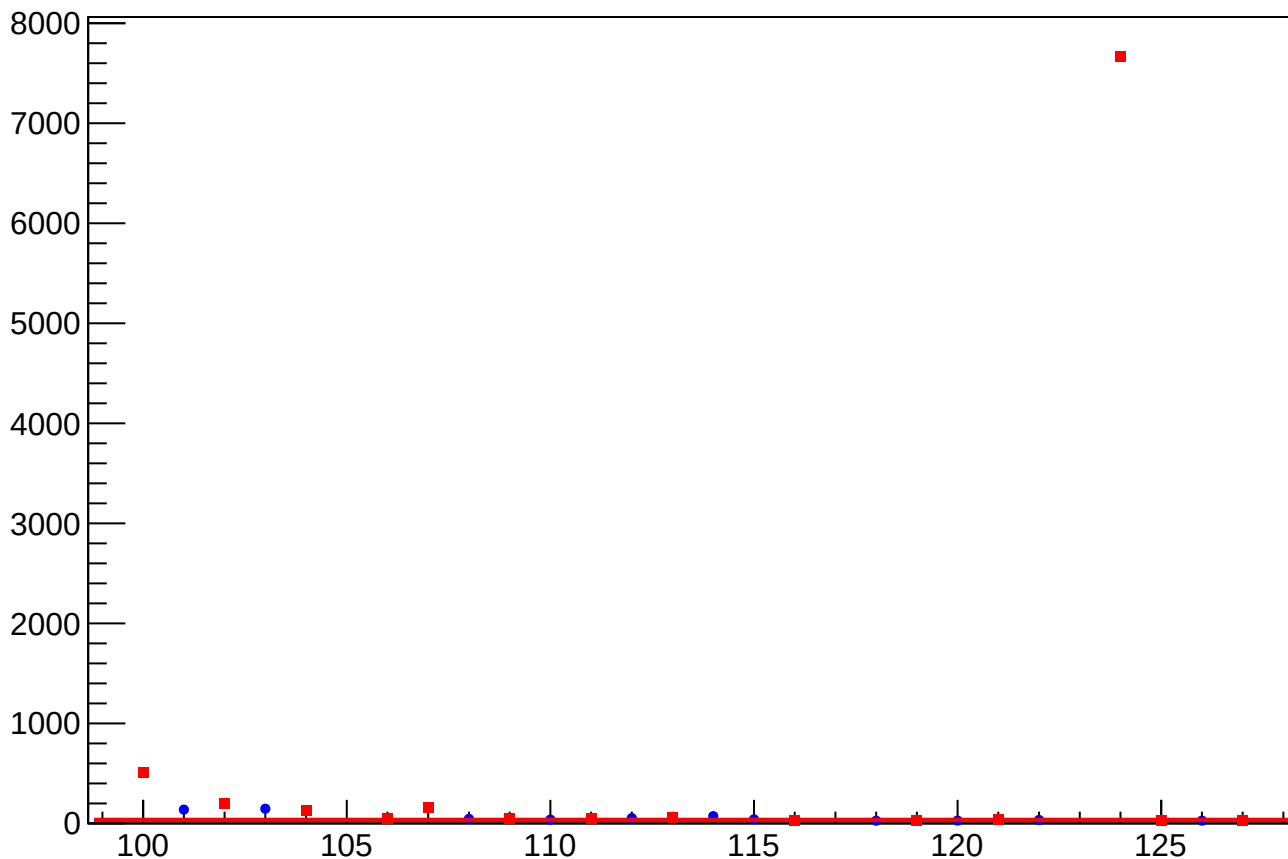
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.014 χ^2 /NDF: 27.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 36.232+/-0.015 χ^2/NDF : 1635522.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.523+/-0.014 χ^2/NDF : 1947353.1/13

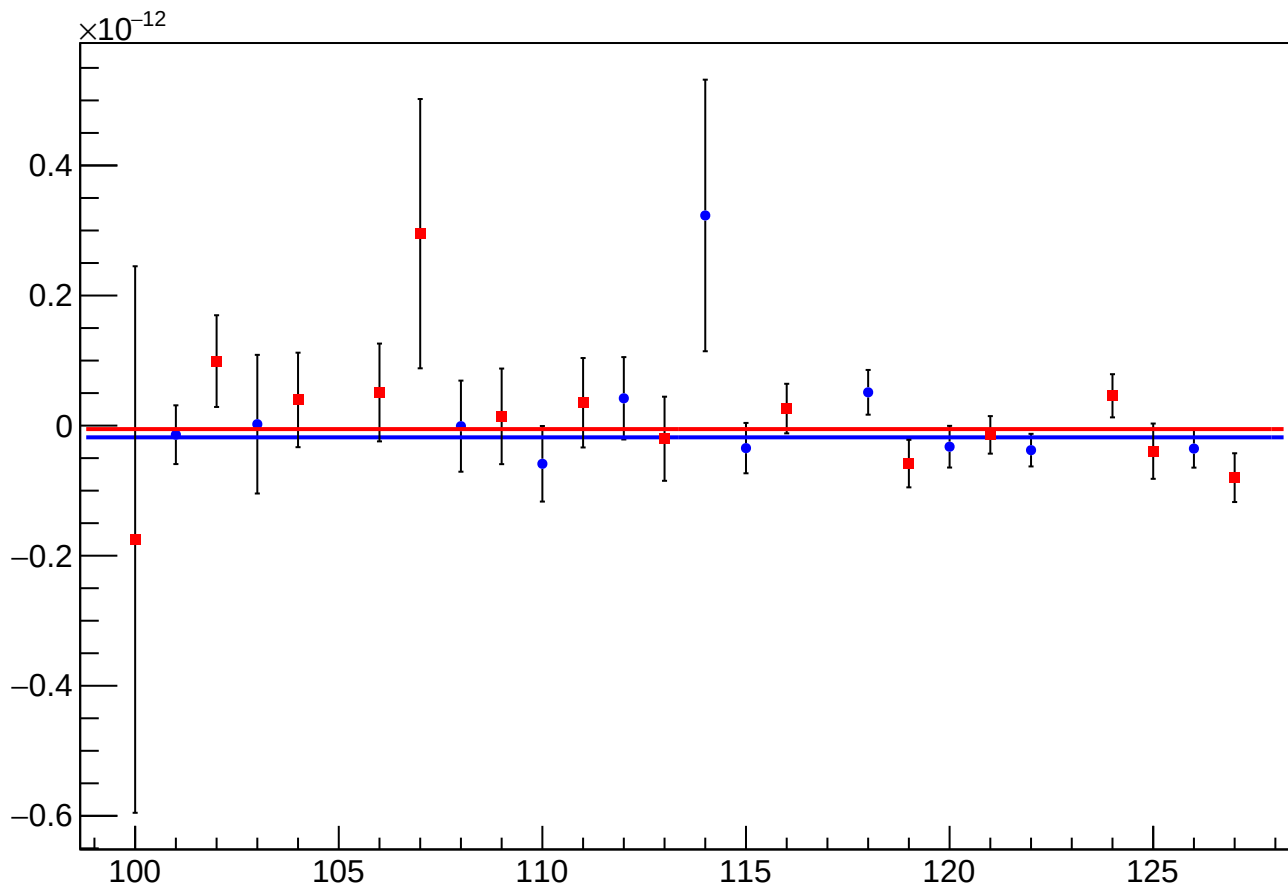
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.856+/-0.010 χ^2/NDF : 3584124.4/24

- 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: 9.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.8/13

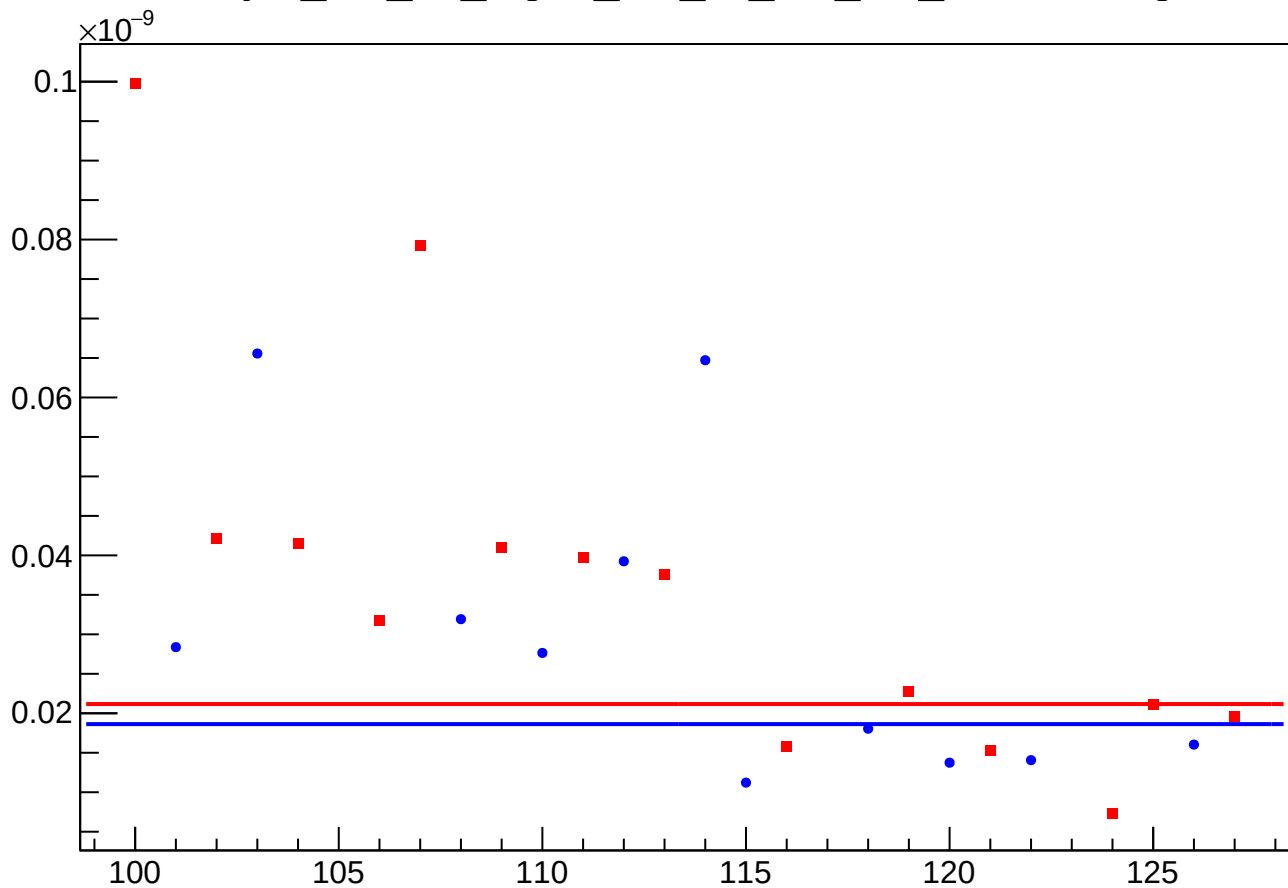
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 25.8/24

- 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 $\pm$ 0.000 χ^2 /NDF: 1113420.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1497852.6/13

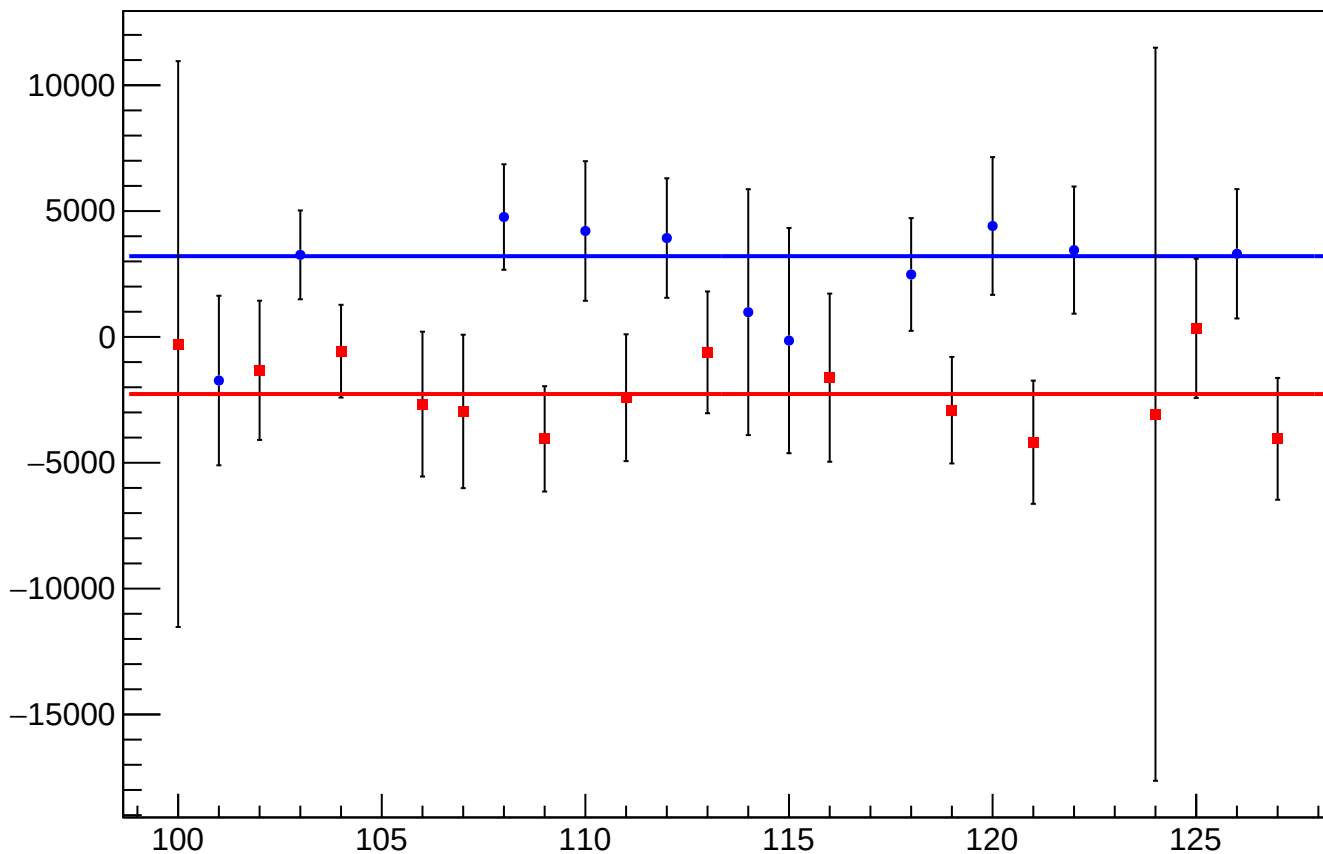
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2651940.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_avg_mean vs Slug



Right In: 3208.451+/-772.150 χ^2/NDF : 4.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2269.288+/-706.333 χ^2/NDF : 4.4/13

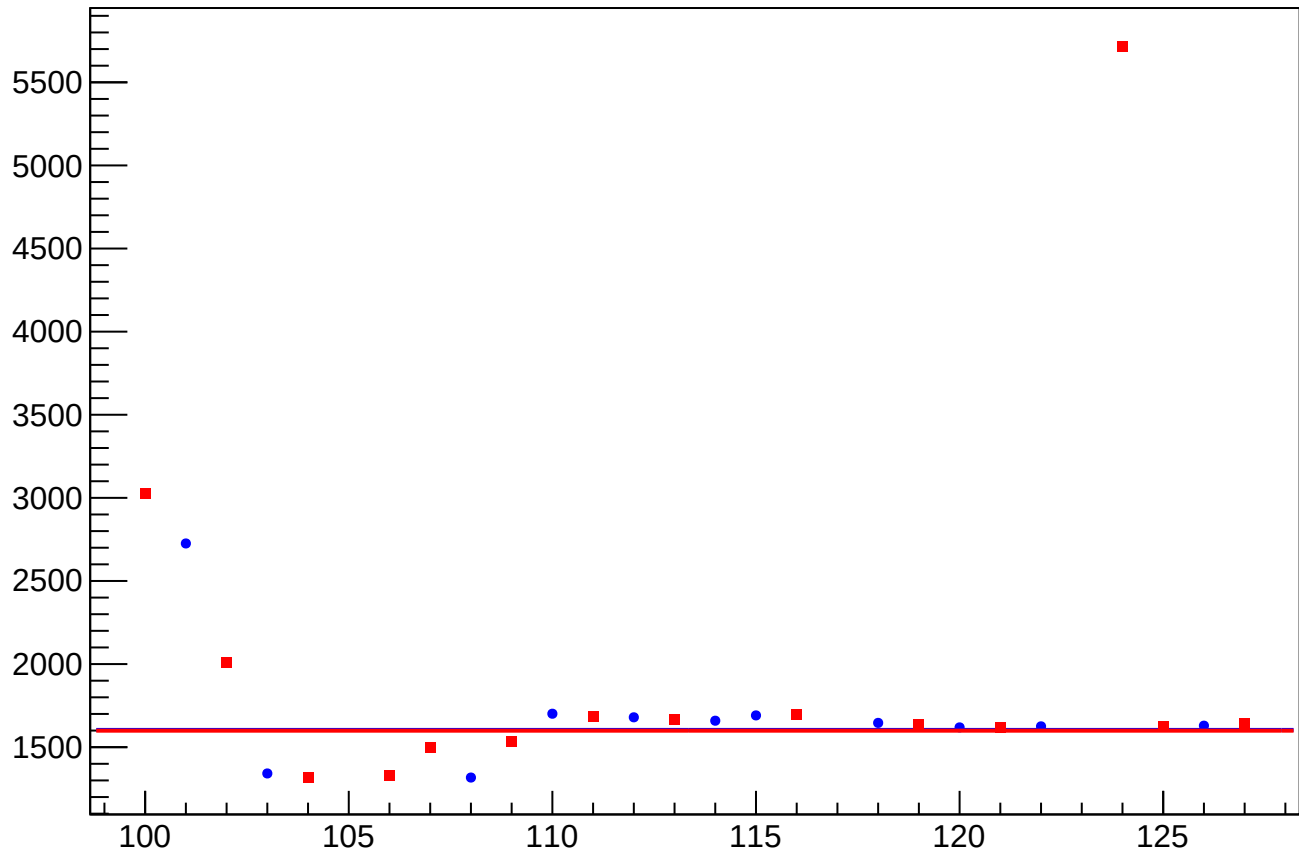
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 226.213+/-521.171 χ^2/NDF : 35.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_avg_rms vs Slug



Right In: 1603.852+/-0.546 χ^2/NDF : 309830.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1599.315+/-0.499 χ^2/NDF : 310691.7/13

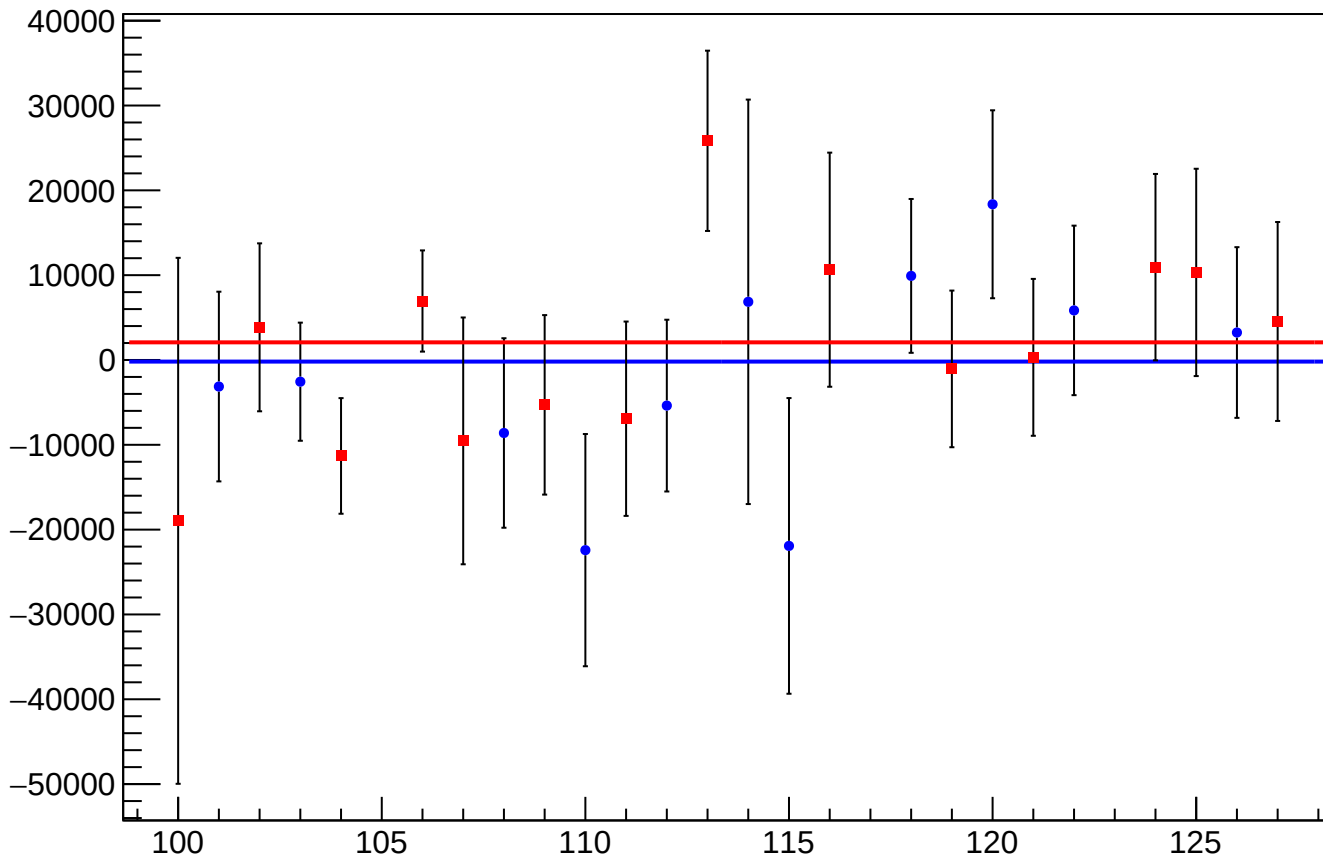
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1601.382+/-0.369 χ^2/NDF : 620559.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_reg_correction_mean vs Slug



Right In: -189.224+/-3211.220 χ^2/NDF : 9.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2079.366+/-2654.476 χ^2/NDF : 13.4/13

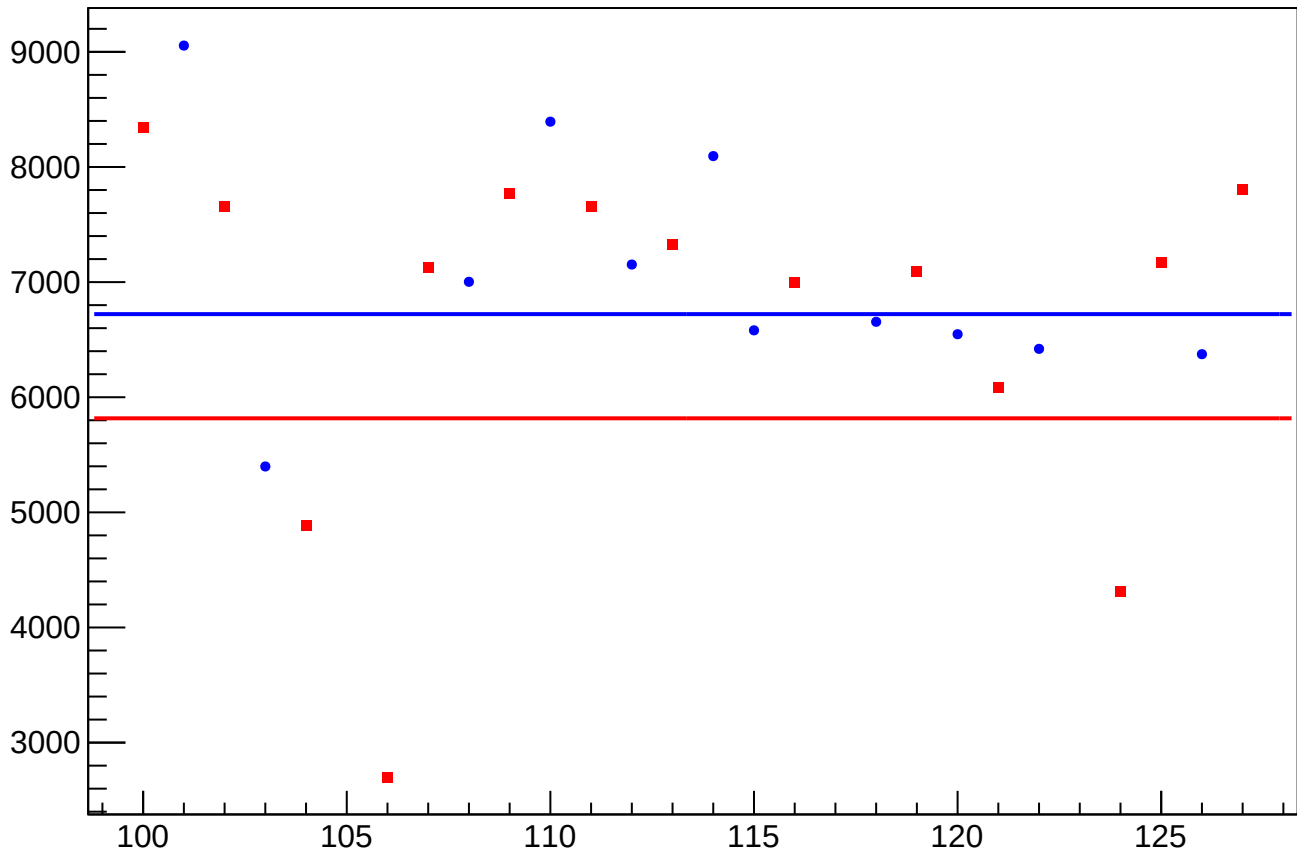
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1158.472+/-2045.959 χ^2/NDF : 23.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_reg_correction_rms vs Slug



Right In: 6721.906+/-2.271 χ^2/NDF : 205549.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

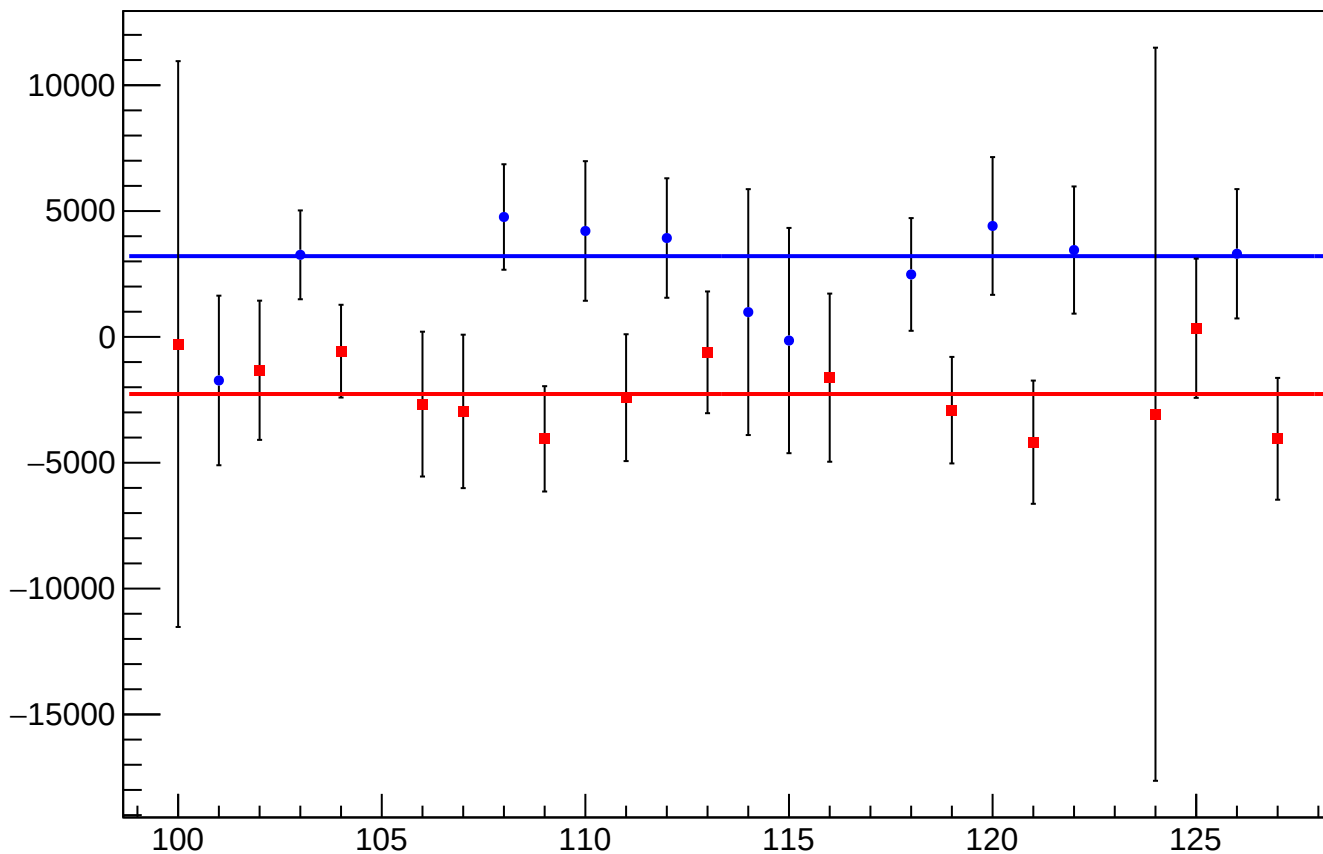
Right Out: 5816.895+/-1.877 χ^2/NDF : 1016206.0/13

All: 6184.268+/-1.447 χ^2/NDF : 1316125.7/24

- 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_at2_avg_mean vs Slug



Right In: 3208.671+/-772.150 χ^2/NDF : 4.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2269.048+/-706.333 χ^2/NDF : 4.4/13

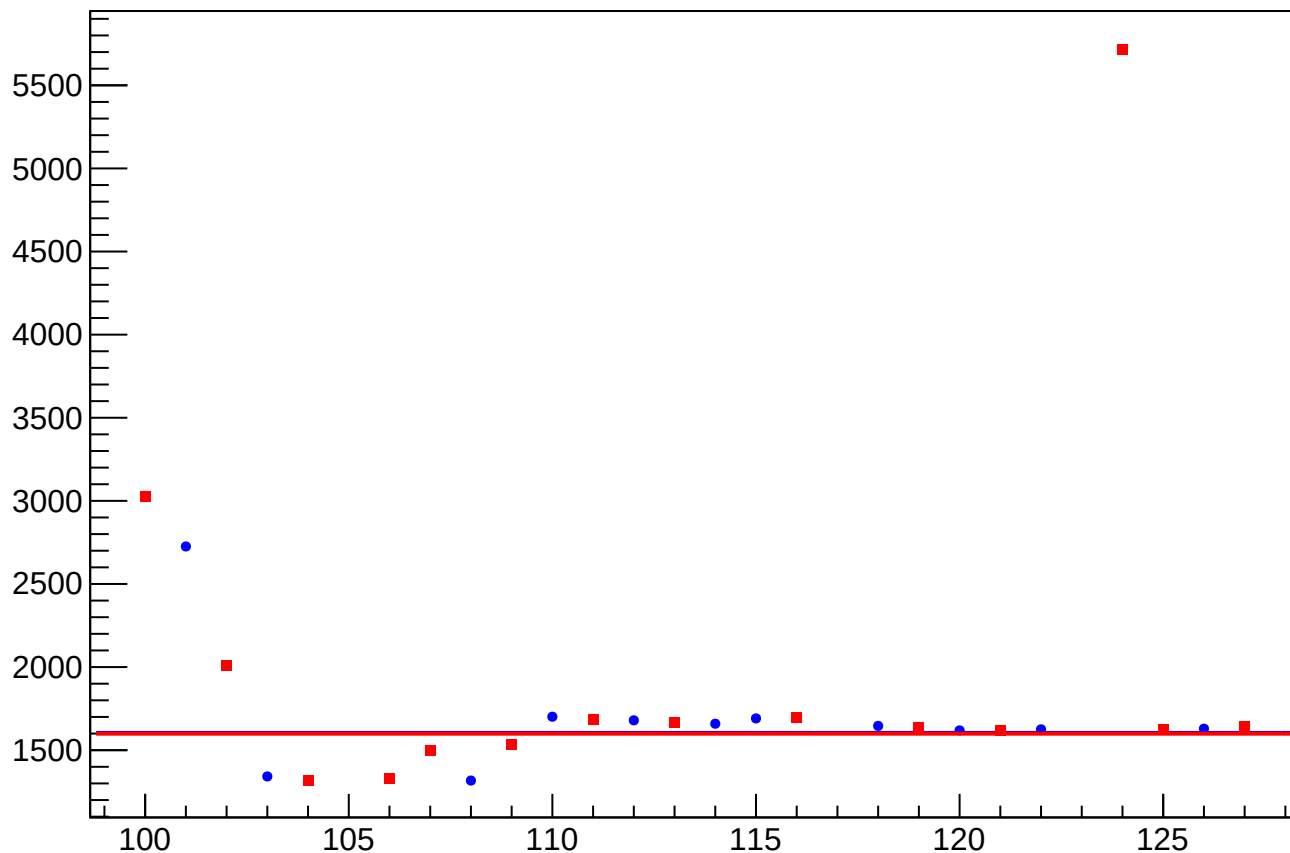
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 226.443+/-521.171 χ^2/NDF : 35.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at2_avg_rms vs Slug



Right In: 1603.852+/-0.546 χ^2/NDF : 309830.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1599.315+/-0.499 χ^2/NDF : 310691.6/13

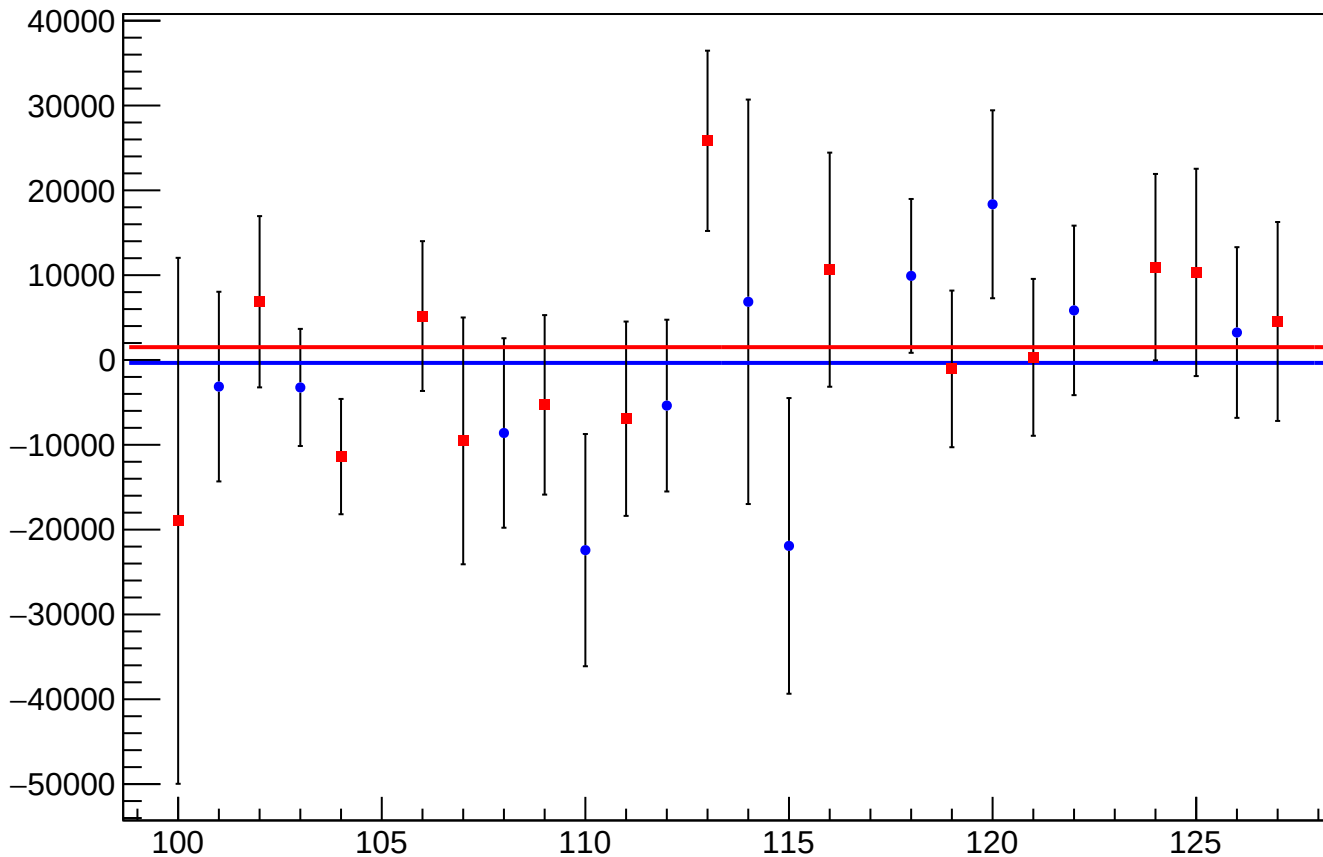
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1601.382+/-0.369 χ^2/NDF : 620559.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_cor_correction_mean vs Slug



Right In: -344.272+/-3205.350 χ^2/NDF : 9.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1512.681+/-2813.038 χ^2/NDF : 13.1/13

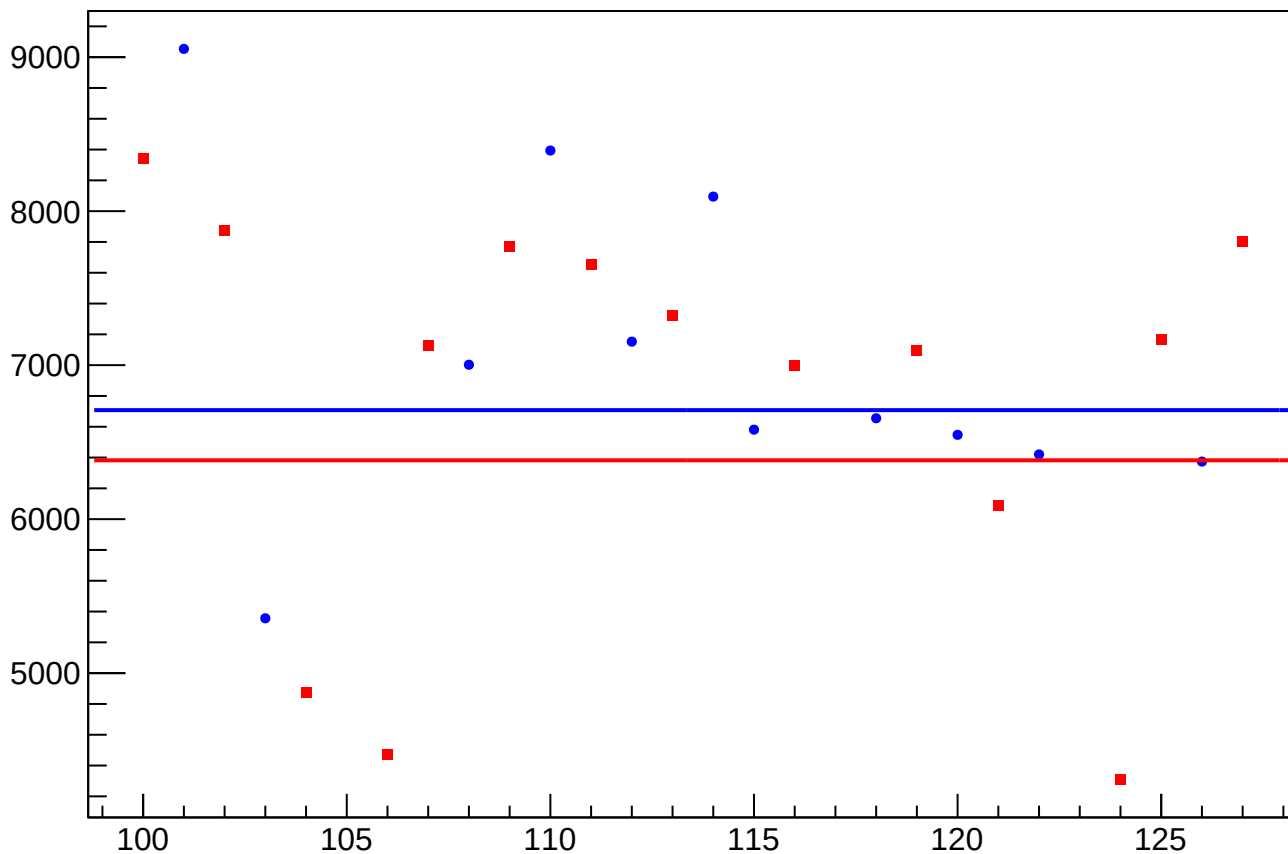
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 704.739+/-2114.293 χ^2/NDF : 23.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_cor_correction_rms vs Slug



Right In: 6707.929+/-2.267 χ^2/NDF : 211478.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

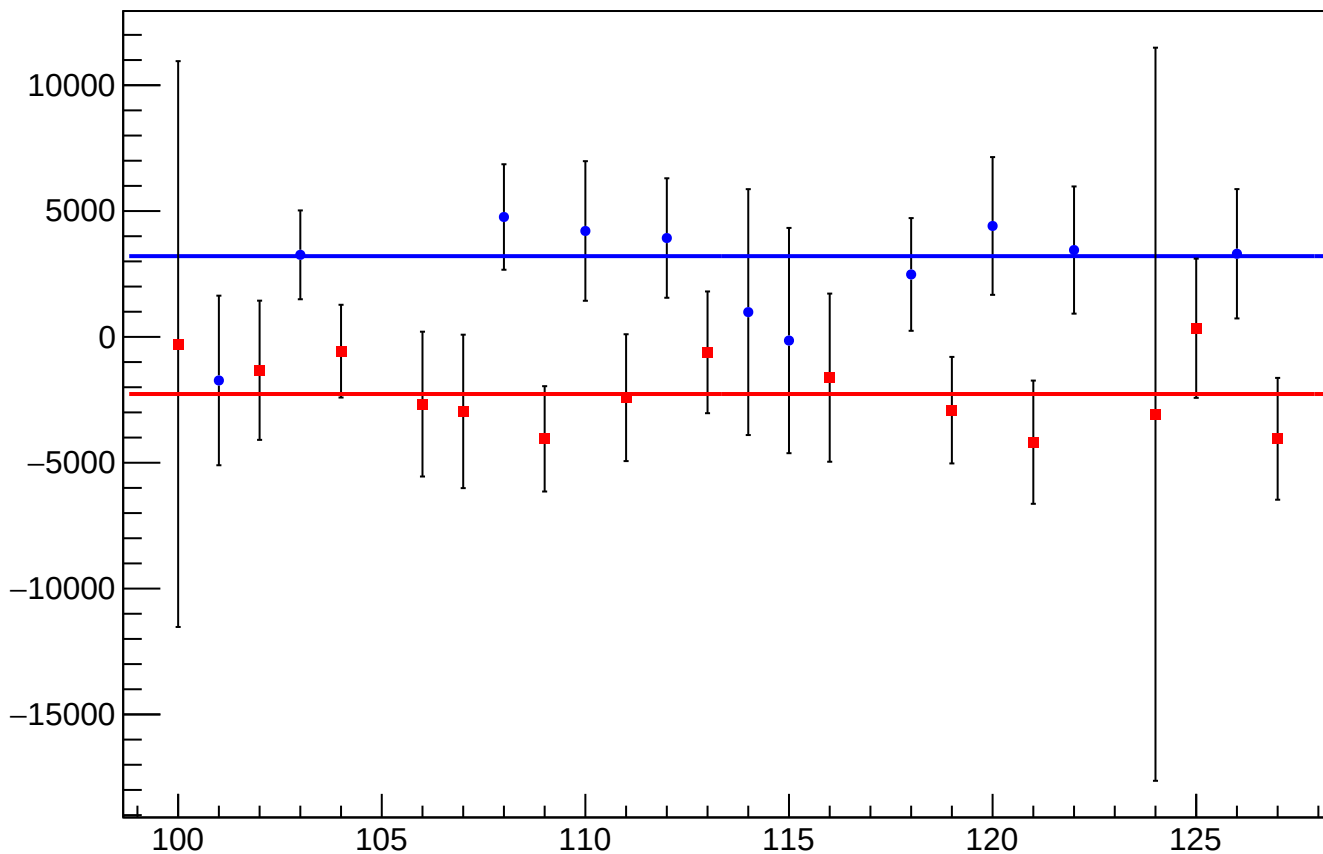
Right Out: 6382.006+/-1.989 χ^2/NDF : 450932.5/13

All: 6523.812+/-1.495 χ^2/NDF : 674092.7/24

- 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_at2_avg_mean vs Slug



Right In: 3208.671+/-772.150 χ^2/NDF : 4.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2269.048+/-706.333 χ^2/NDF : 4.4/13

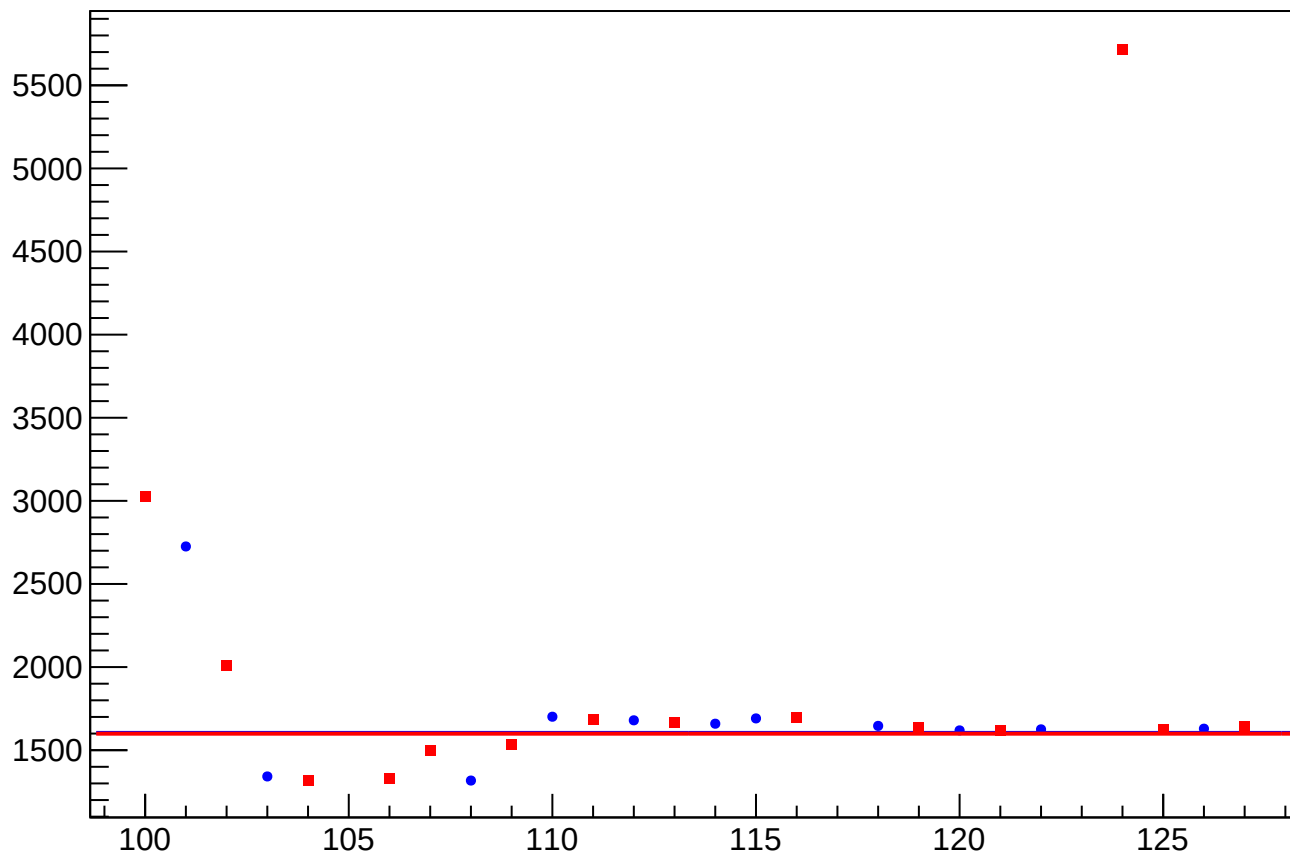
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 226.443+/-521.171 χ^2/NDF : 35.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at2_avg_rms vs Slug



Right In: 1603.852+/-0.546 χ^2/NDF : 309830.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

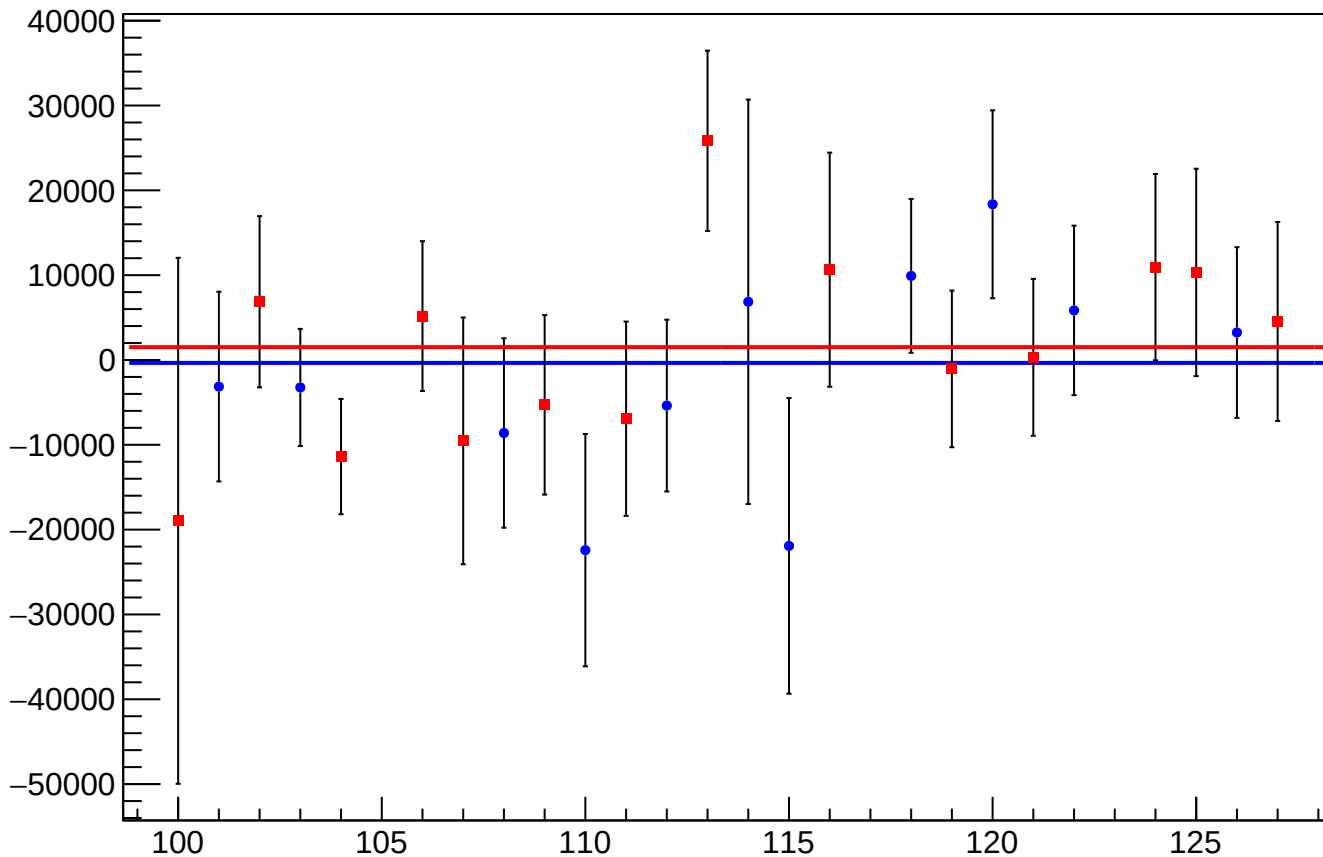
Right Out: 1599.315+/-0.499 χ^2/NDF : 310691.6/13

All: 1601.382+/-0.369 χ^2/NDF : 620559.7/24

- 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: -344.272 ± 3205.350 χ^2/NDF : 9.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1512.681 ± 2813.038 χ^2/NDF : 13.1/13

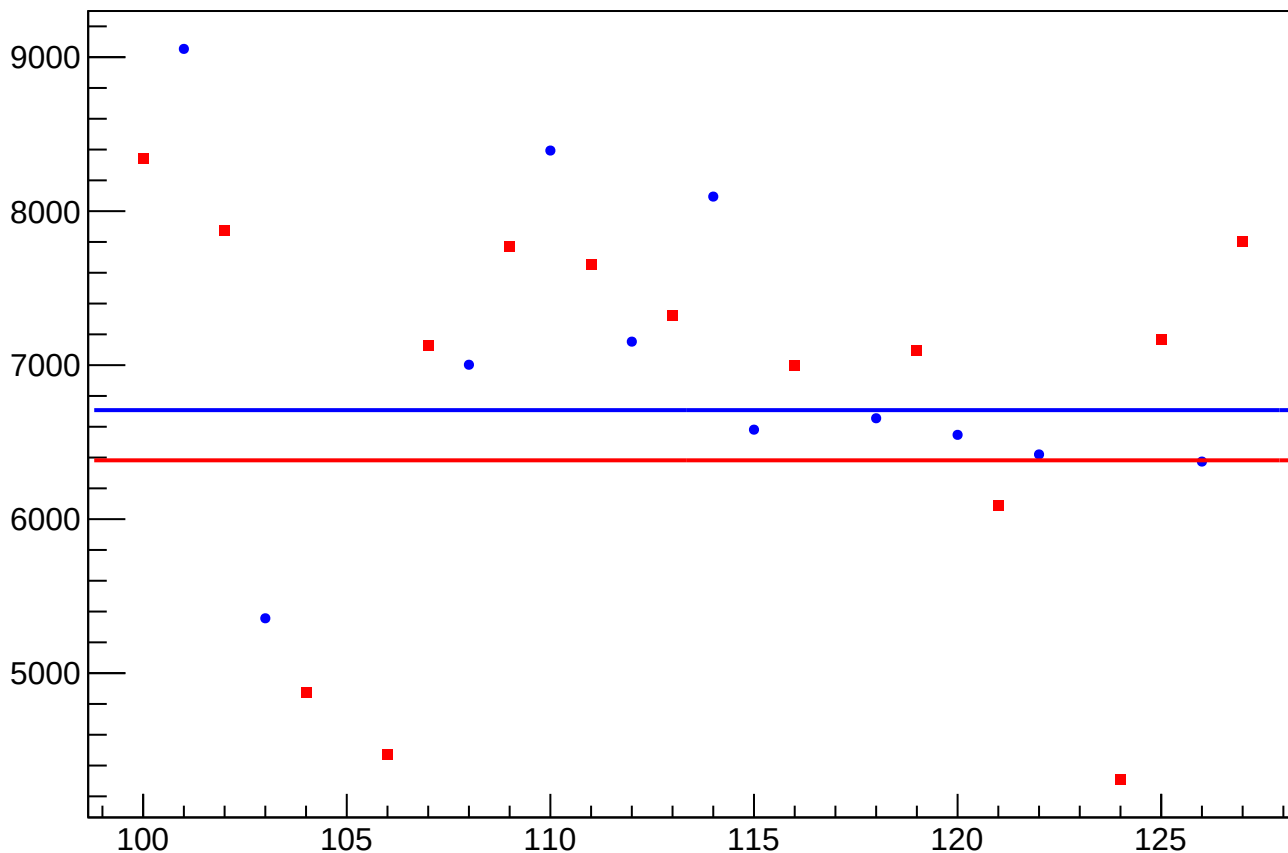
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 704.739 ± 2114.293 χ^2/NDF : 23.2/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_cor_correction_rms vs Slug



Right In: 6707.929+/-2.267 χ^2/NDF : 211478.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6382.006+/-1.989 χ^2/NDF : 450932.5/13

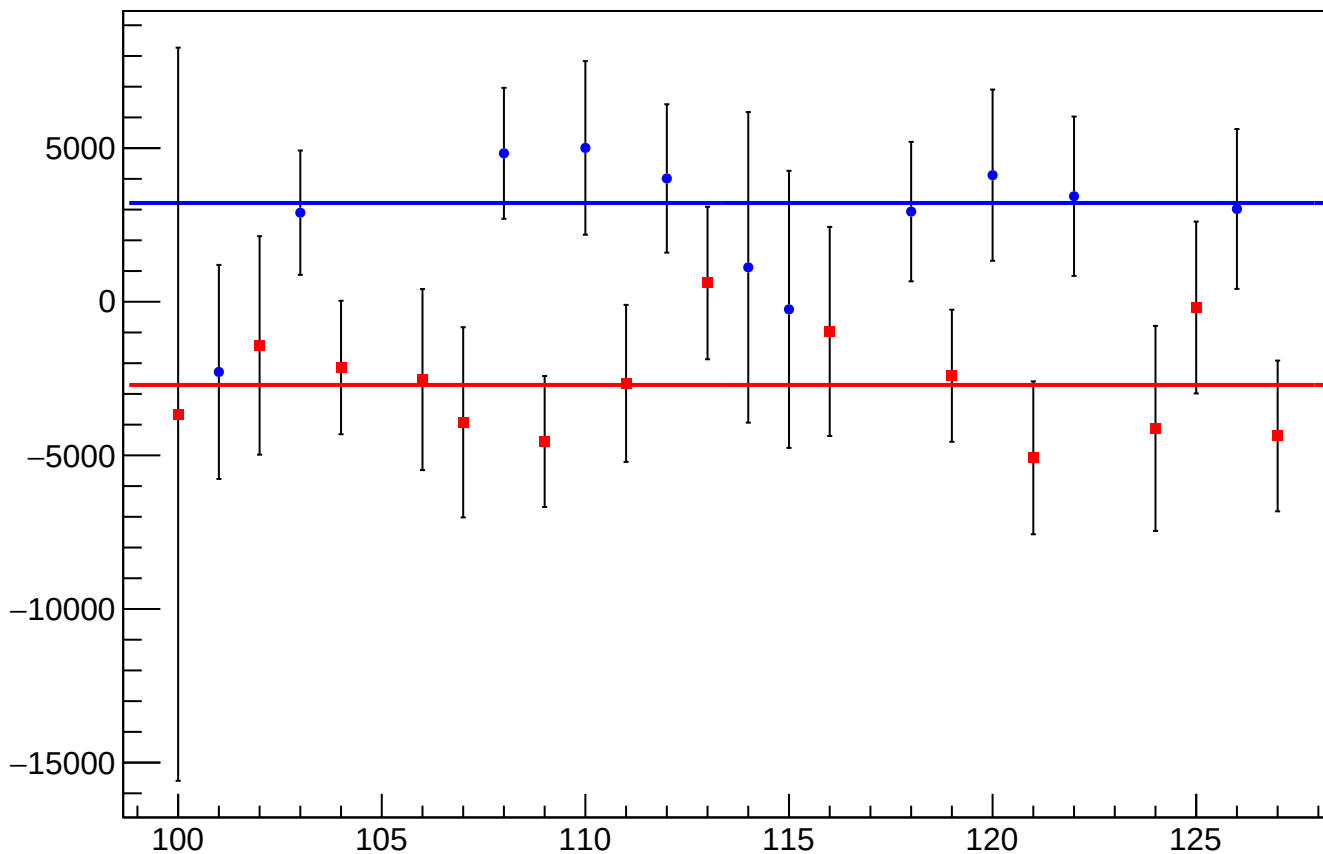
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6523.812+/-1.495 χ^2/NDF : 674092.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at2_avg_mean vs Slug



Right In: 3215.517 $\pm$ 802.879 χ^2 /NDF: 4.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2707.247 $\pm$ 725.248 χ^2 /NDF: 5.5/13

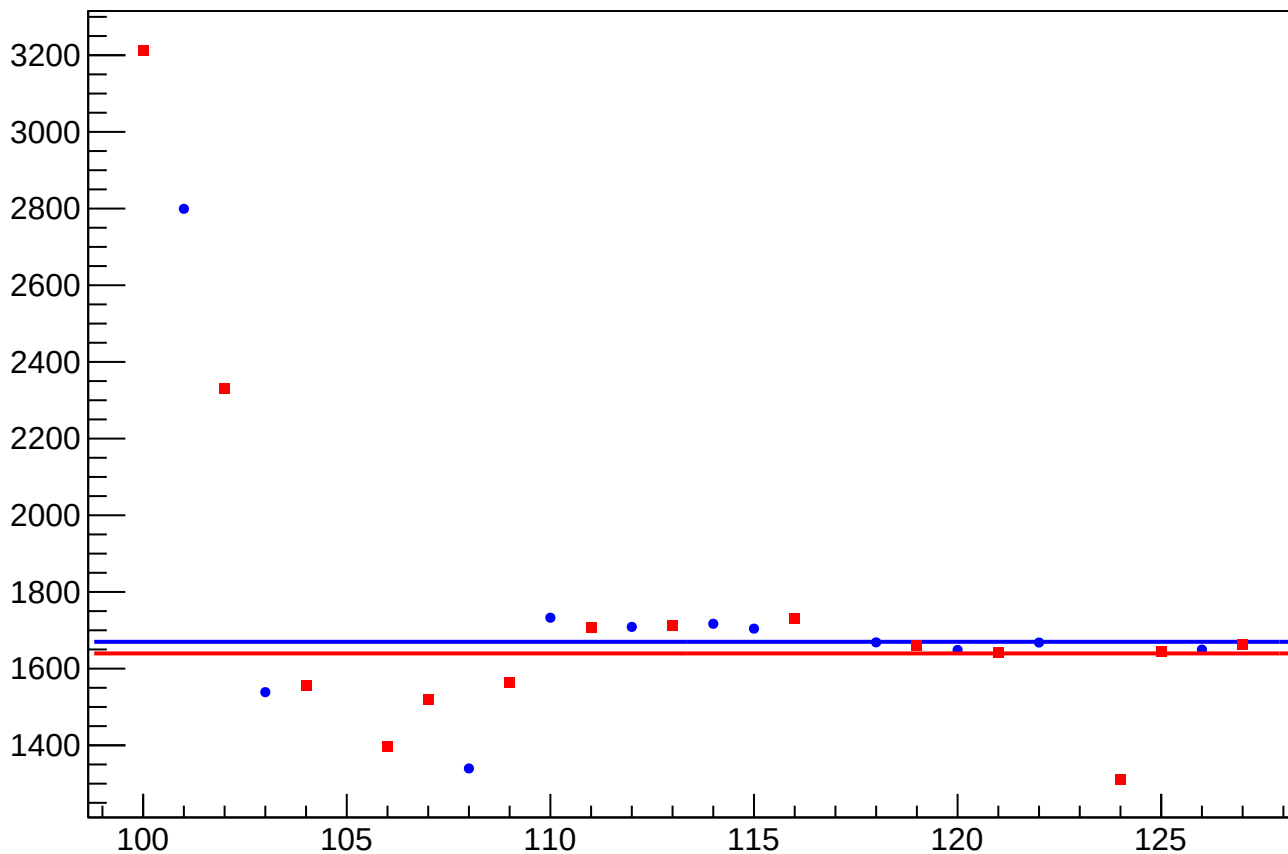
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -45.976 $\pm$ 538.186 χ^2 /NDF: 40.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_at2_avg_rms vs Slug



Right In: 1669.964 $\pm$ 0.568 χ^2 /NDF: 268697.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1639.650 $\pm$ 0.513 χ^2 /NDF: 157056.5/13

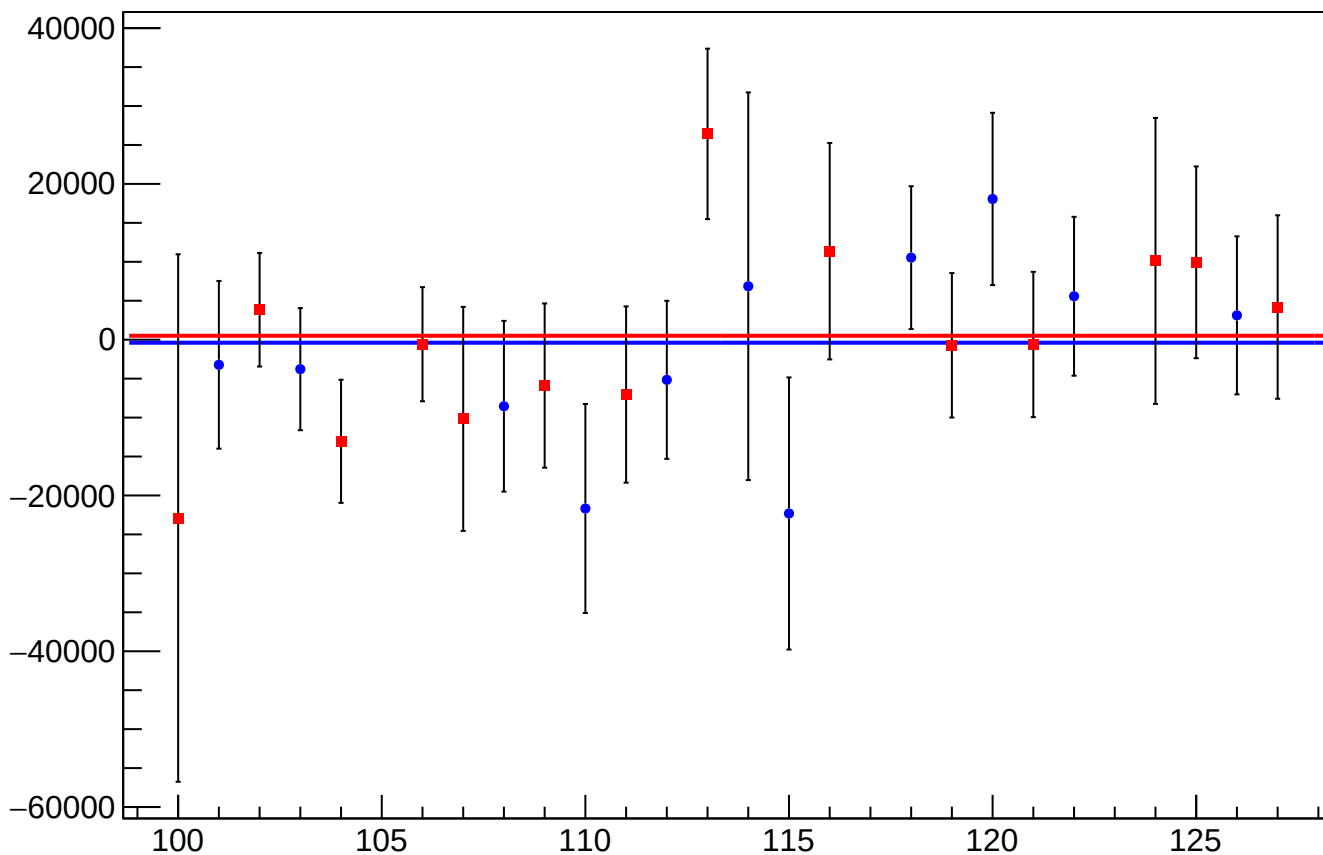
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1653.264 $\pm$ 0.380 χ^2 /NDF: 427324.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_avg_dit_correction_mean vs Slug



Right In: -388.326+/-3282.951 χ^2/NDF : 9.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 505.641+/-2780.115 χ^2/NDF : 12.2/13

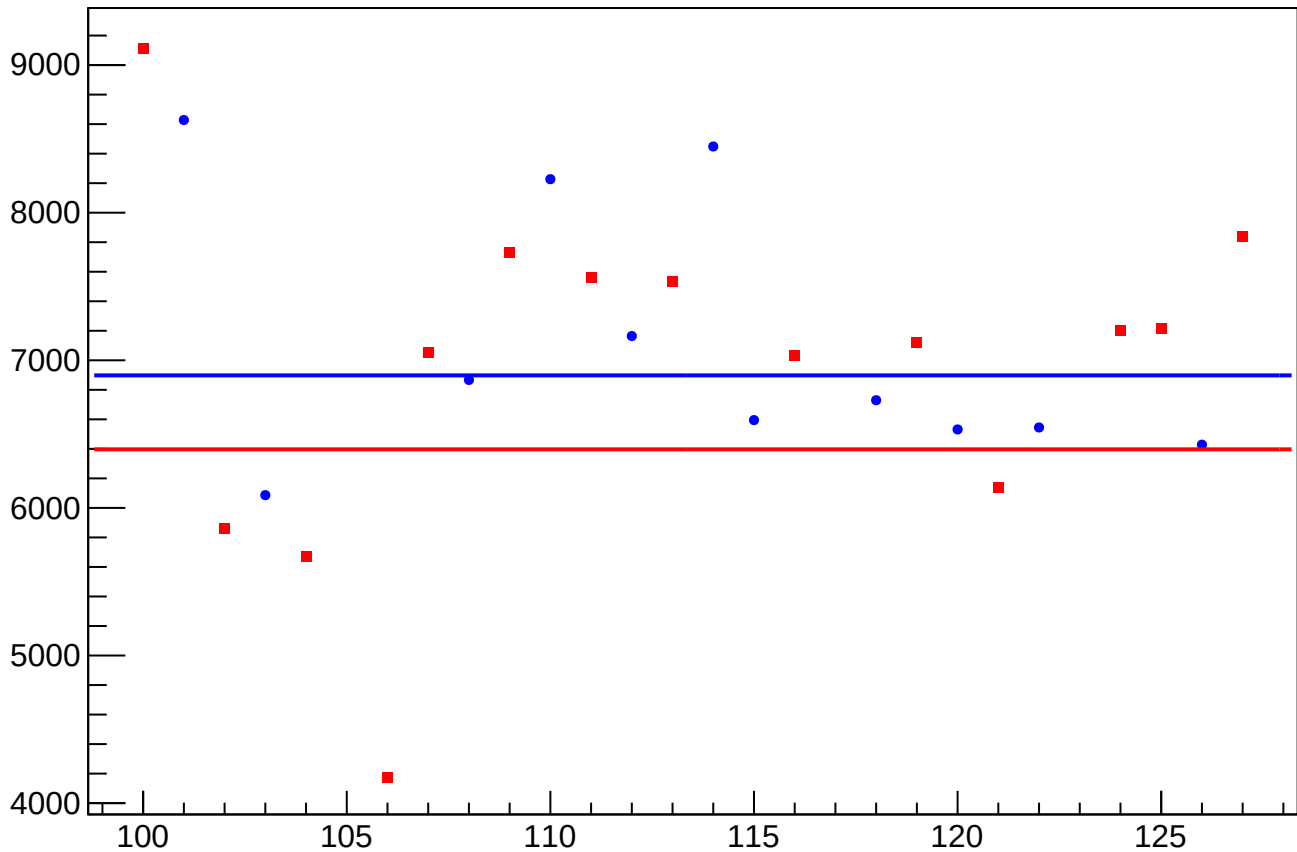
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.292+/-2121.590 χ^2/NDF : 22.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_dit_correction_rms vs Slug



Right In: 6897.814+/-2.321 χ^2 /NDF: 112006.3/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 6396.881+/-1.966 χ^2 /NDF: 363981.3/13

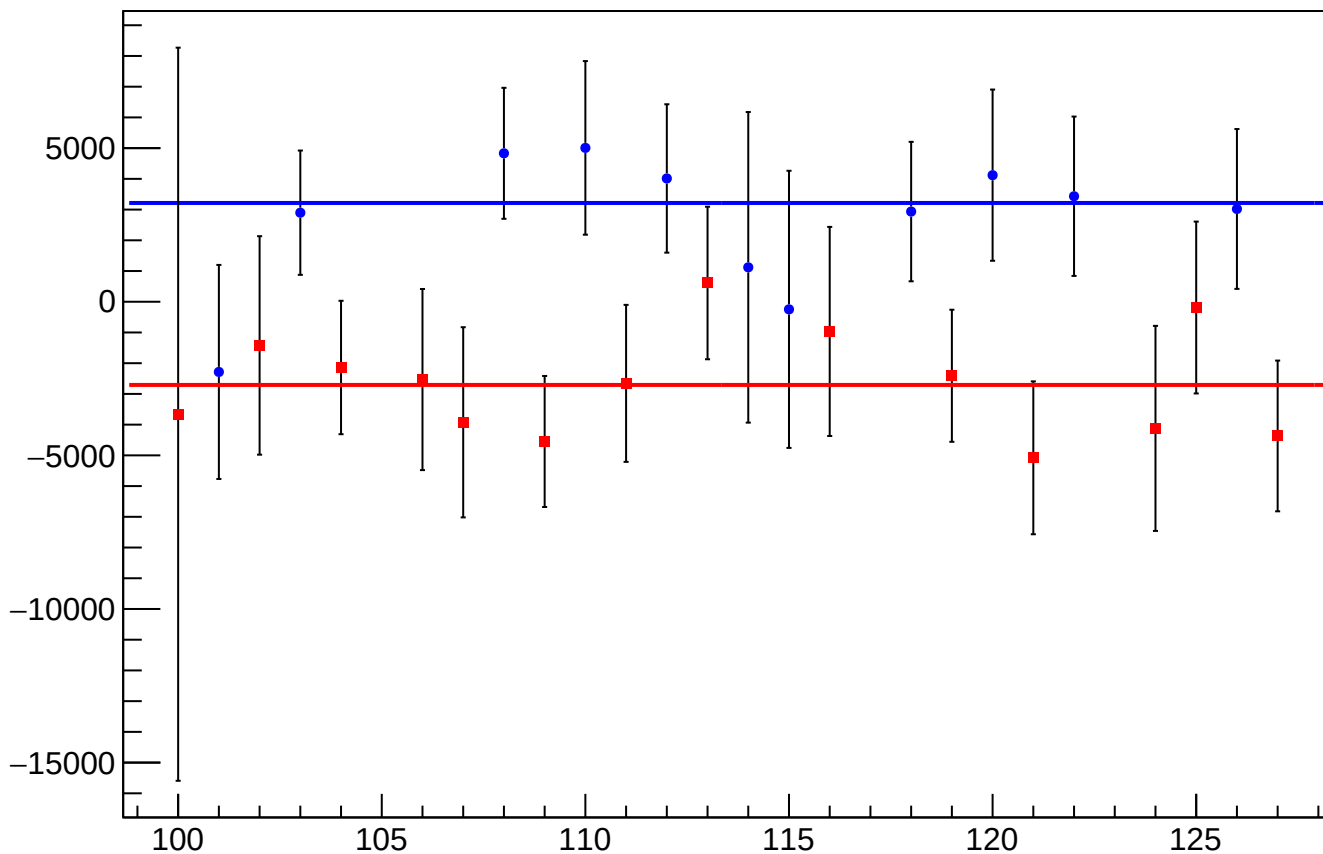
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 6606.086+/-1.500 χ^2 /NDF: 503105.6/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_at2_avg_mean vs Slug



Right In: 3215.508 $\pm$ 802.879 χ^2 /NDF: 4.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2707.256 $\pm$ 725.248 χ^2 /NDF: 5.5/13

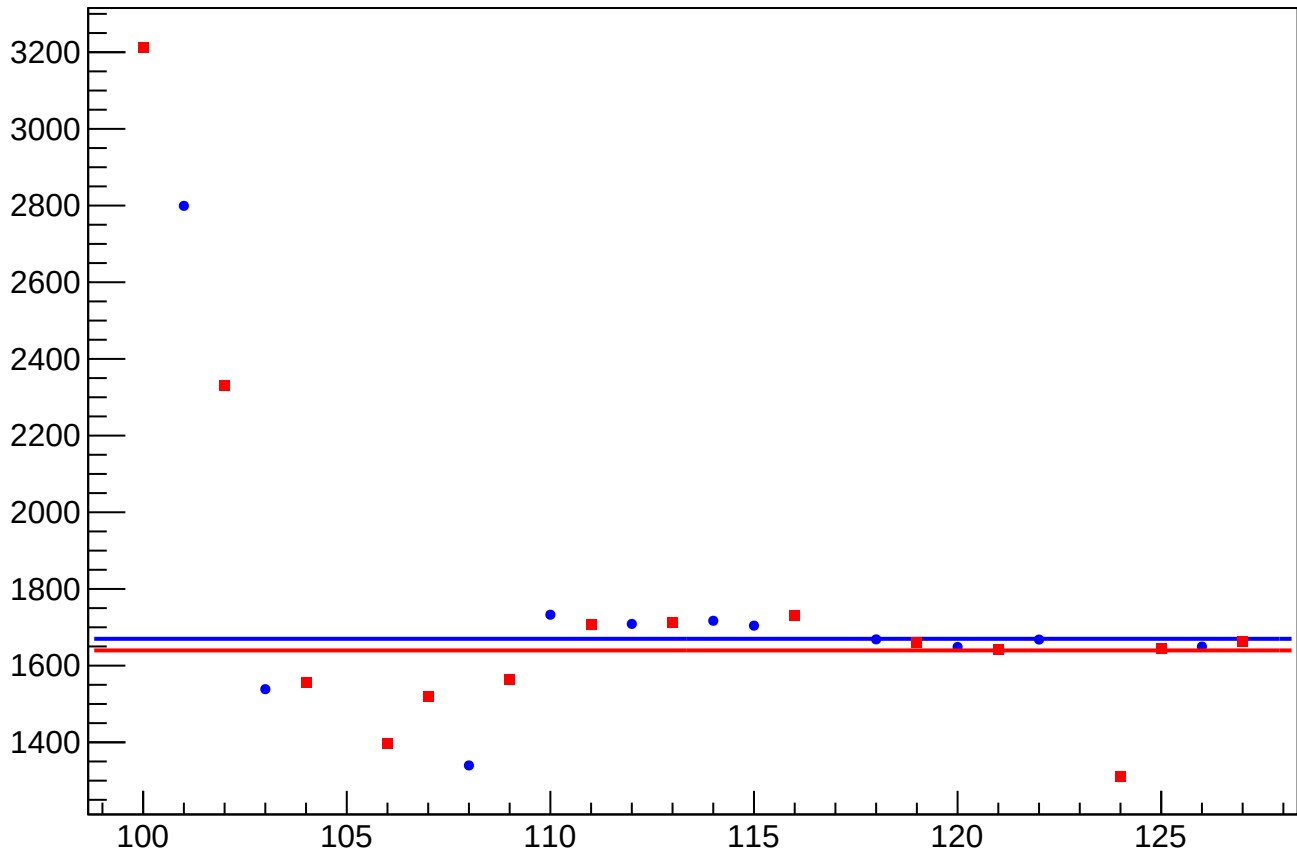
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -45.985 $\pm$ 538.186 χ^2 /NDF: 40.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_at2_avg_rms vs Slug



Right In: 1669.964+/-0.568 χ^2/NDF : 268697.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

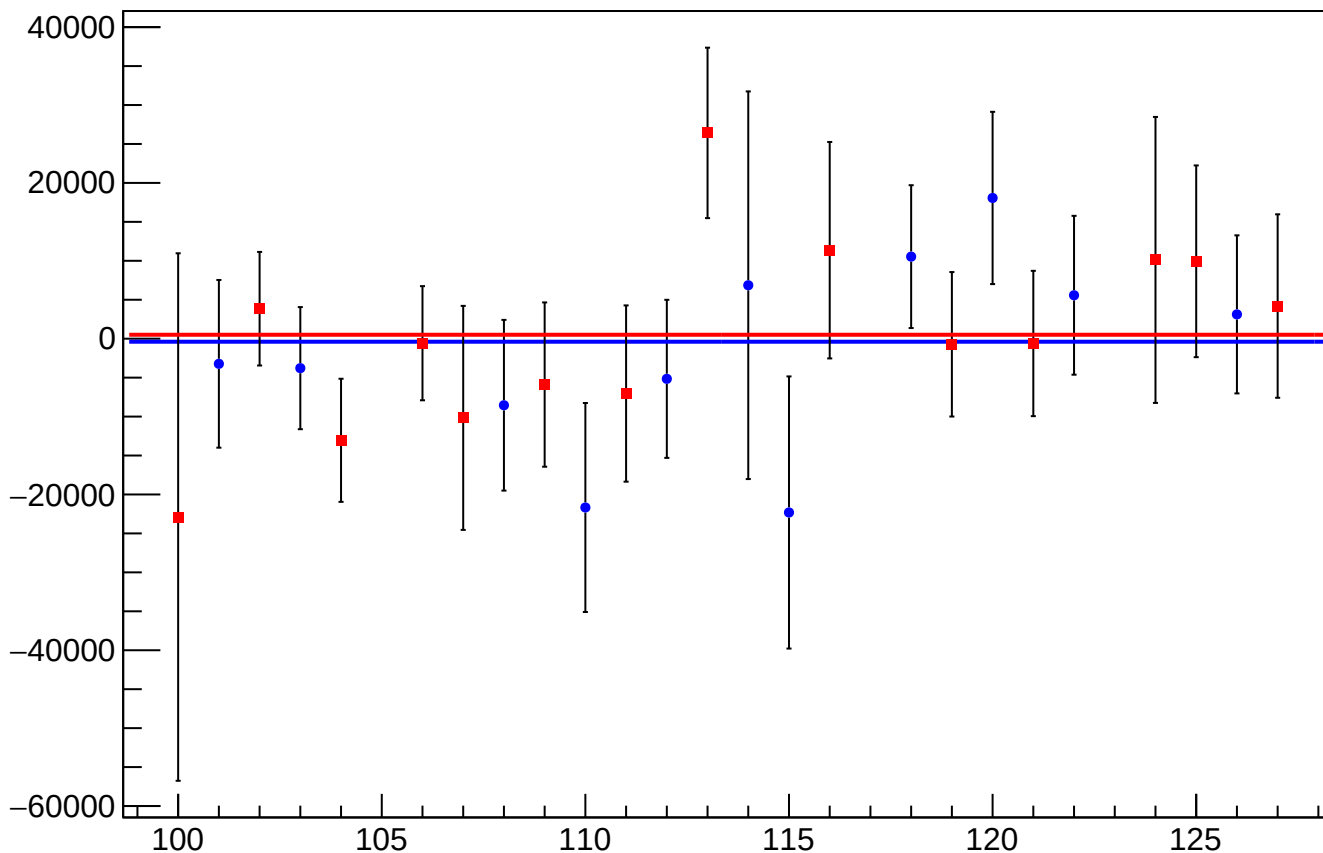
Right Out: 1639.649+/-0.513 χ^2/NDF : 157056.5/13

All: 1653.263+/-0.380 χ^2/NDF : 427324.6/24

- 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_dit_correction_mean vs Slug



Right In: -388.313+/-3282.942 χ^2/NDF : 9.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 505.632+/-2780.108 χ^2/NDF : 12.2/13

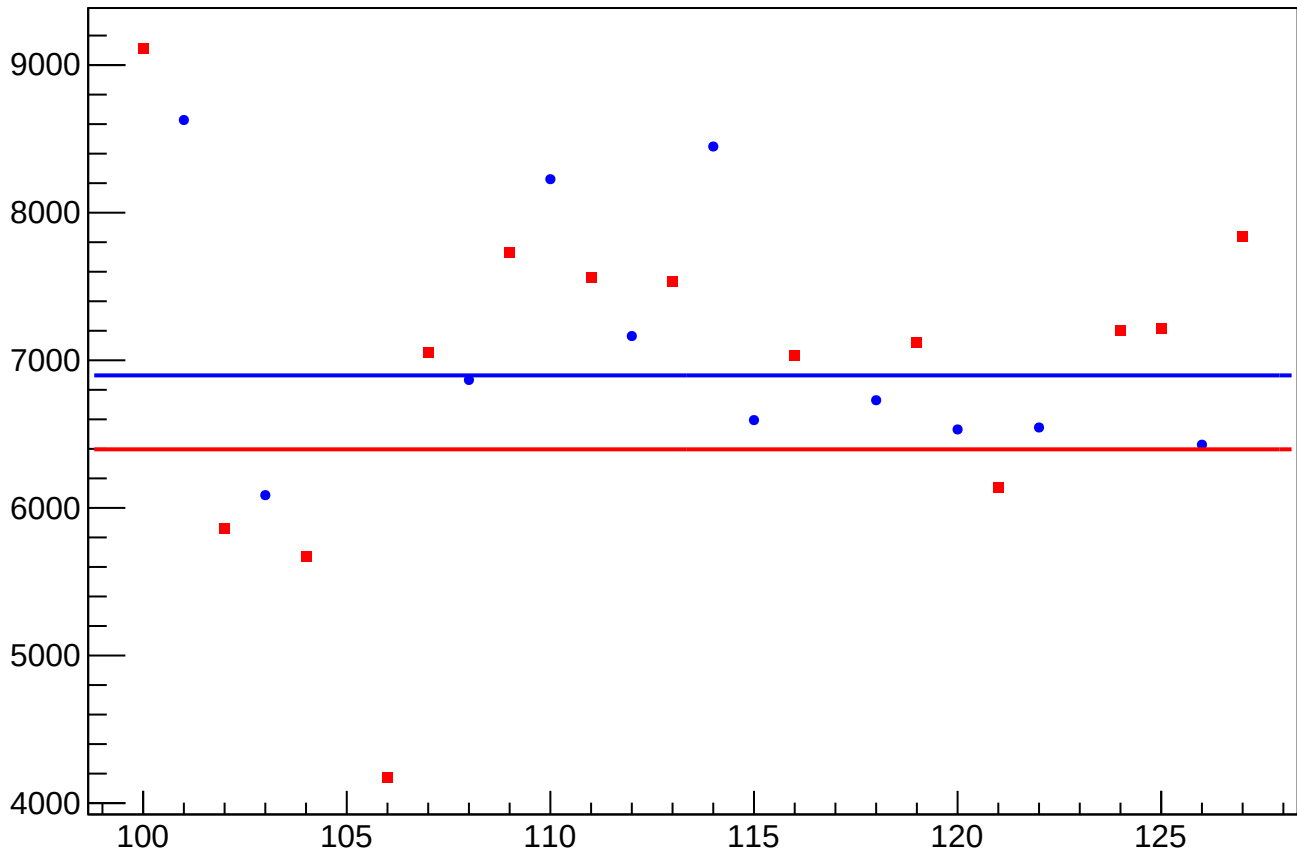
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.292+/-2121.584 χ^2/NDF : 22.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_dit_correction_rms vs Slug



Right In: 6897.794+/-2.321 χ^2/NDF : 112006.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

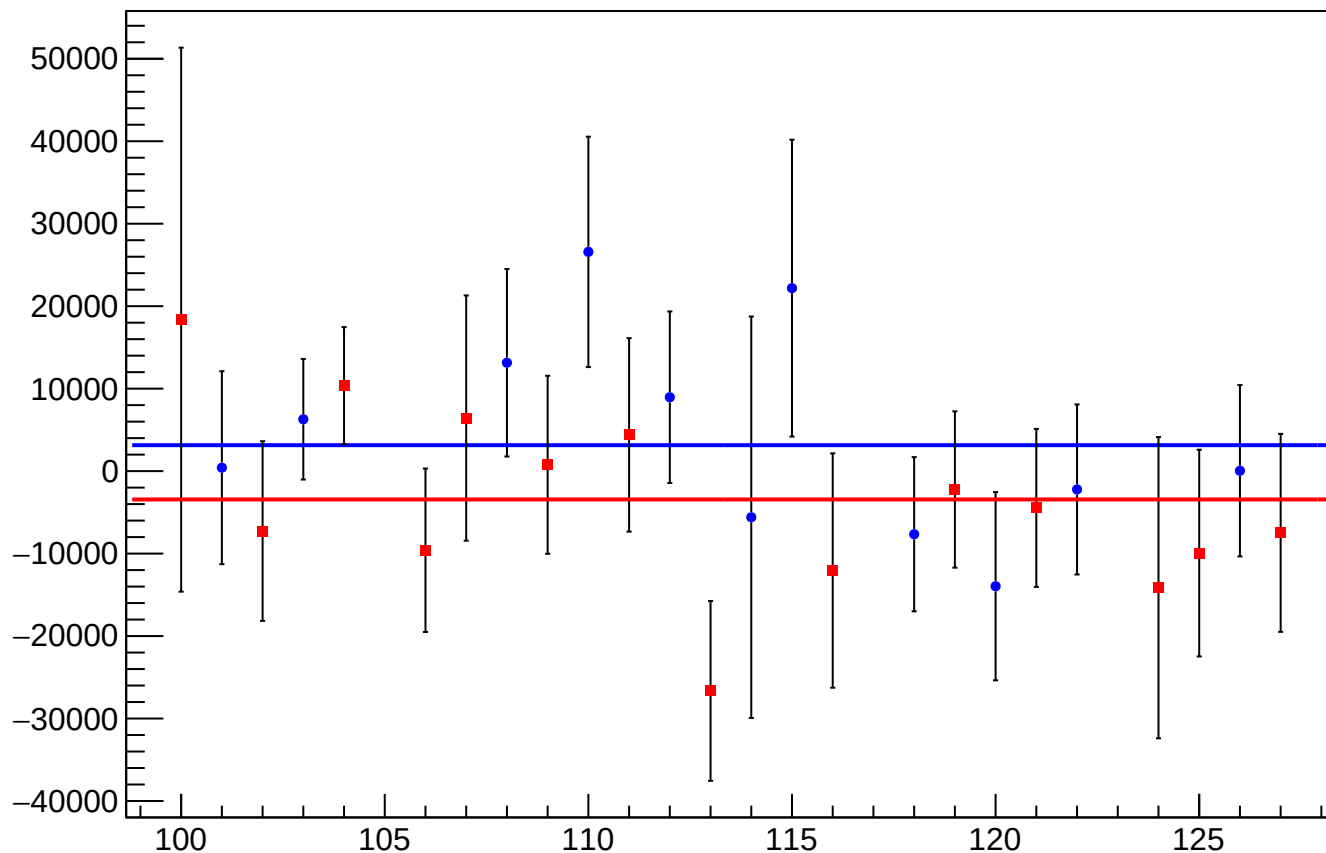
Right Out: 6396.866+/-1.966 χ^2/NDF : 363979.4/13

All: 6606.070+/-1.500 χ^2/NDF : 503103.8/24

- 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_mean vs Slug



Right In: 3144.497+/-3320.704 χ^2/NDF : 9.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3439.131+/-2995.046 χ^2/NDF : 11.4/13

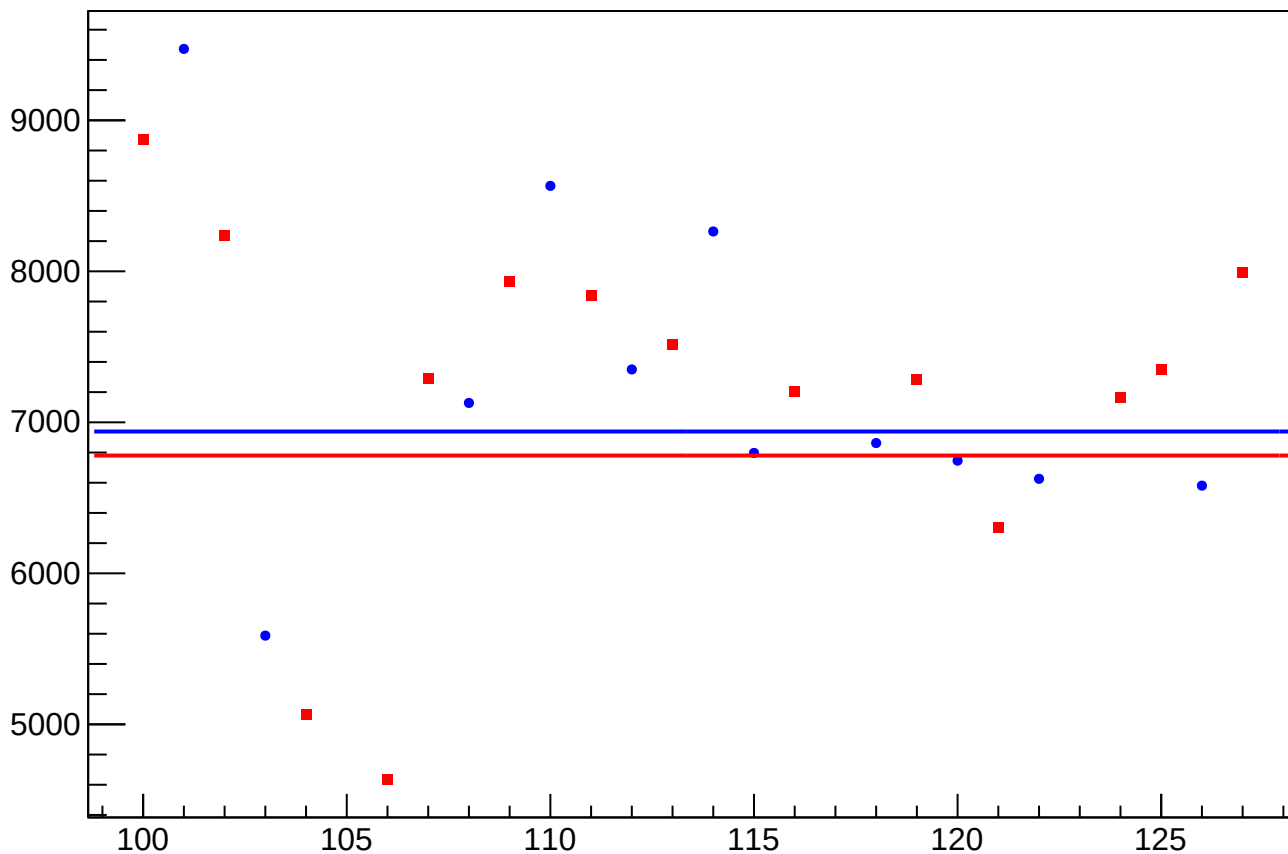
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -485.888+/-2224.063 χ^2/NDF : 22.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_rms vs Slug



Right In: 6939.195+/-2.348 χ^2/NDF : 203994.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6780.158+/-2.118 χ^2/NDF : 343350.5/13

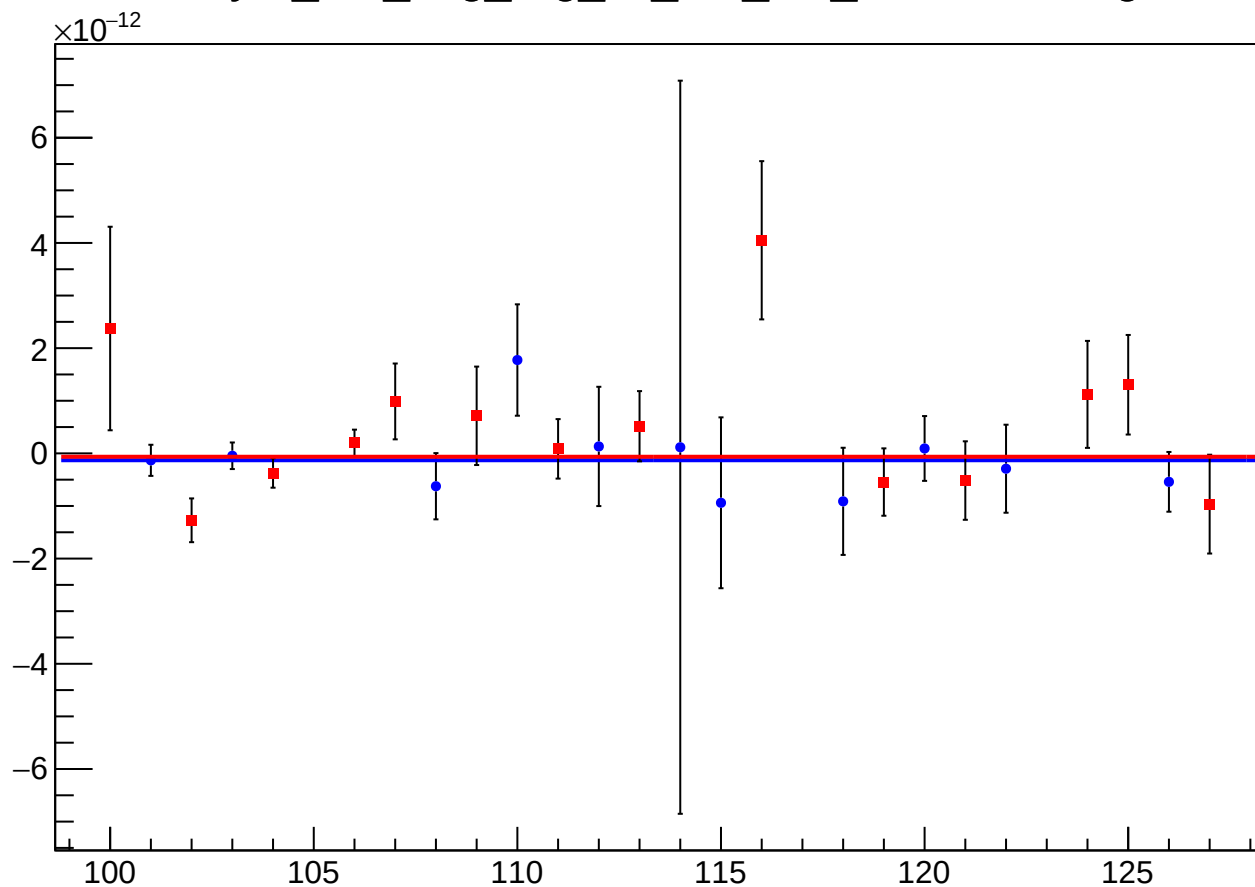
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6851.492+/-1.573 χ^2/NDF : 549874.3/24

- sign 0.000+/-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 : 5.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 28.8/13

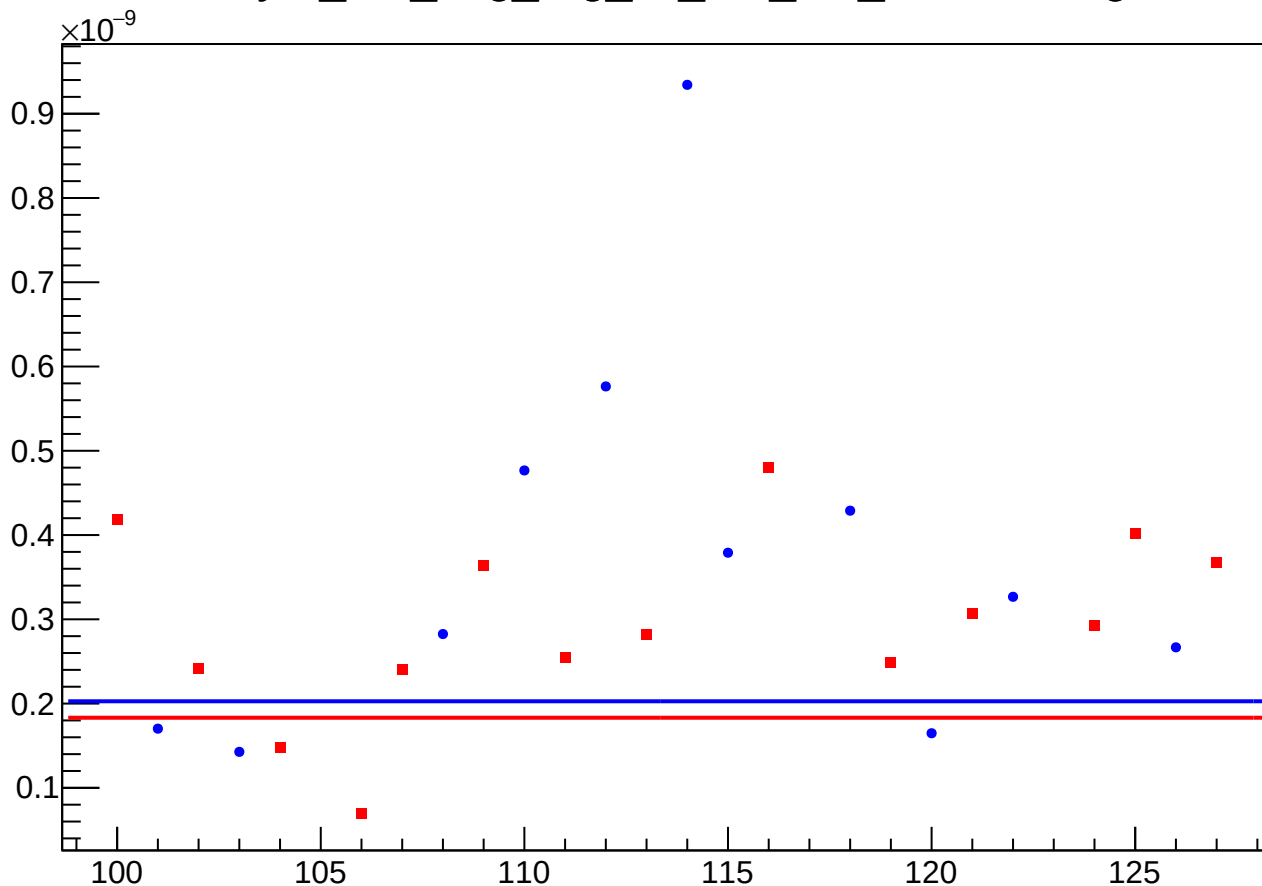
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 34.4/24

- 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 : 741443.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1029249.7/13

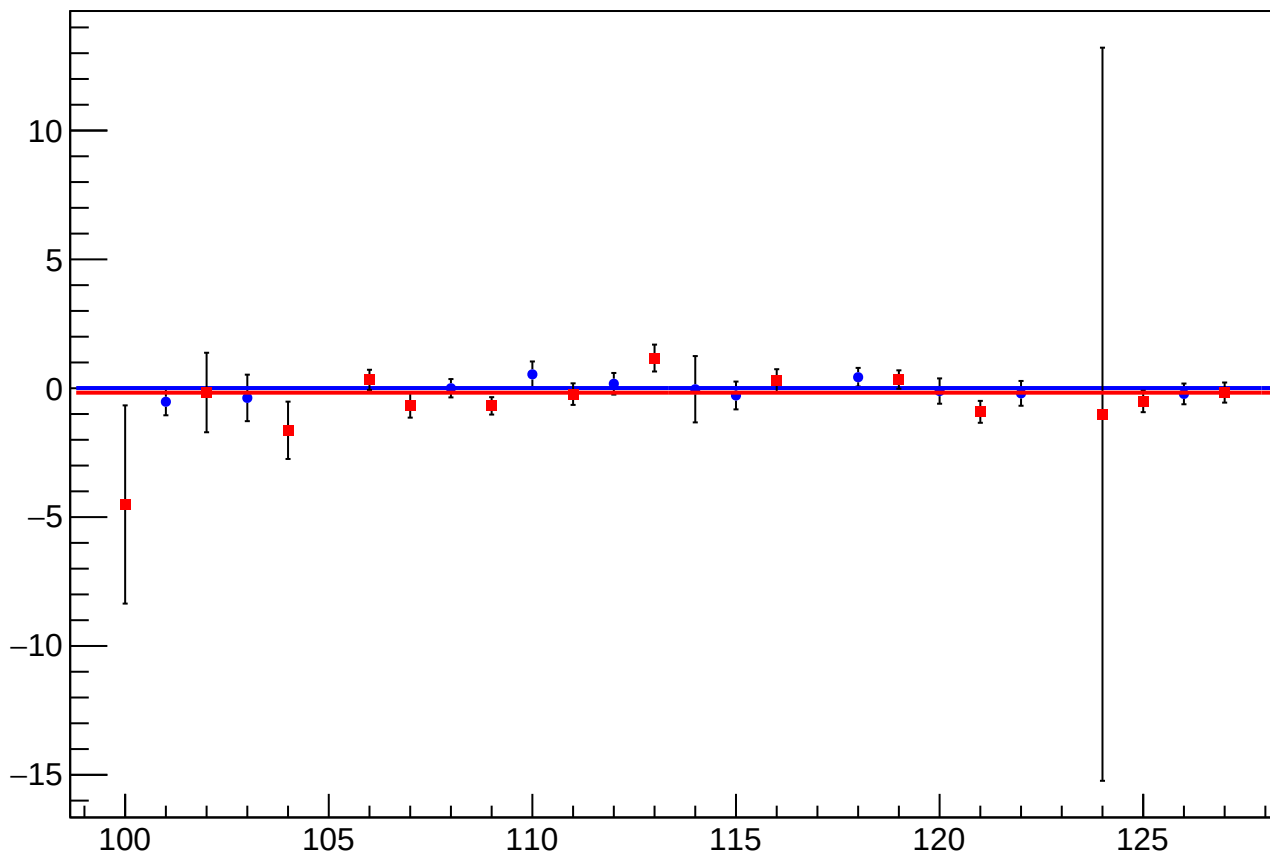
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1787736.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.008 $\pm$ 0.143 χ^2 /NDF: 4.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.172 $\pm$ 0.128 χ^2 /NDF: 21.5/13

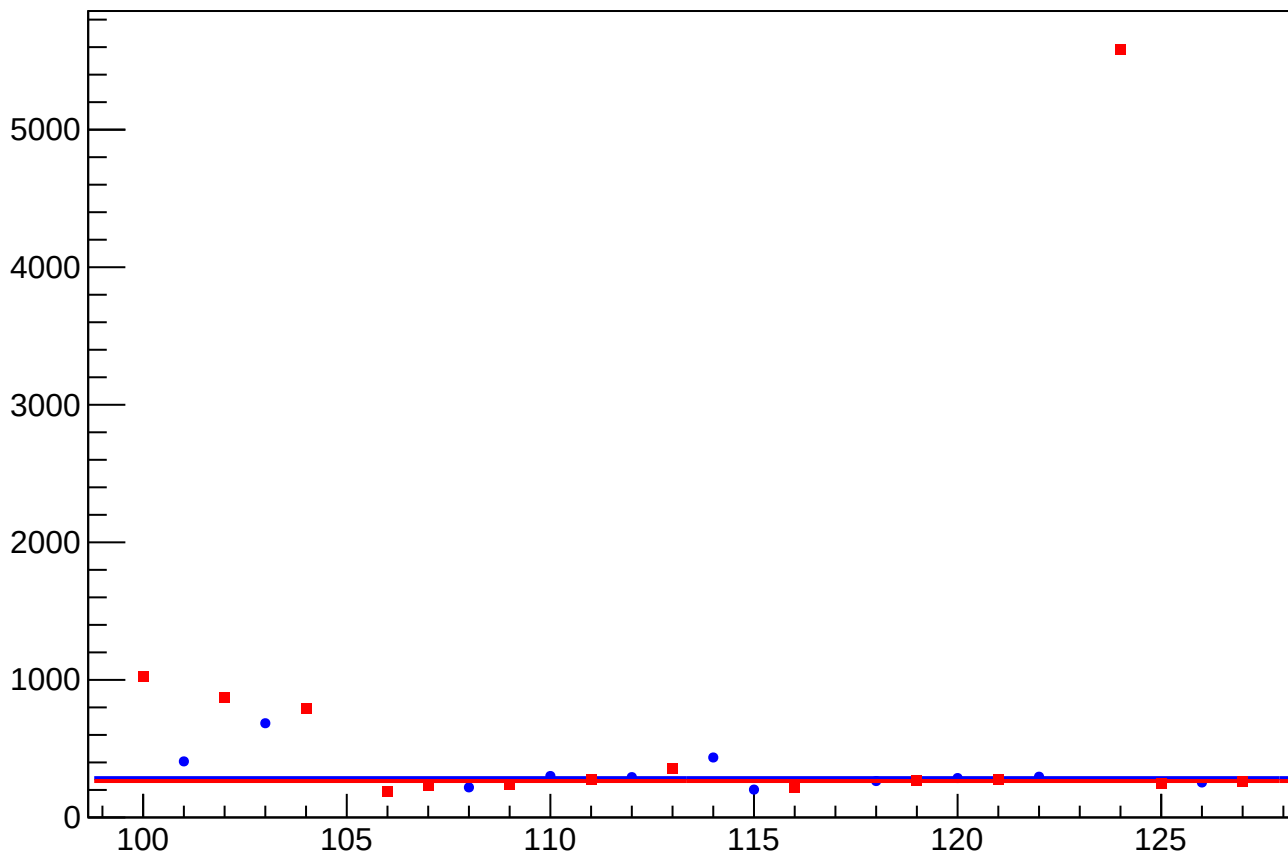
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.092 $\pm$ 0.095 χ^2 /NDF: 27.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_avg_dit_vs_cor_diff_rms vs Slug



Right In: 285.856 $\pm$ 0.101 χ^2 /NDF: 668257.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 264.868 $\pm$ 0.090 χ^2 /NDF: 1312022.8/13

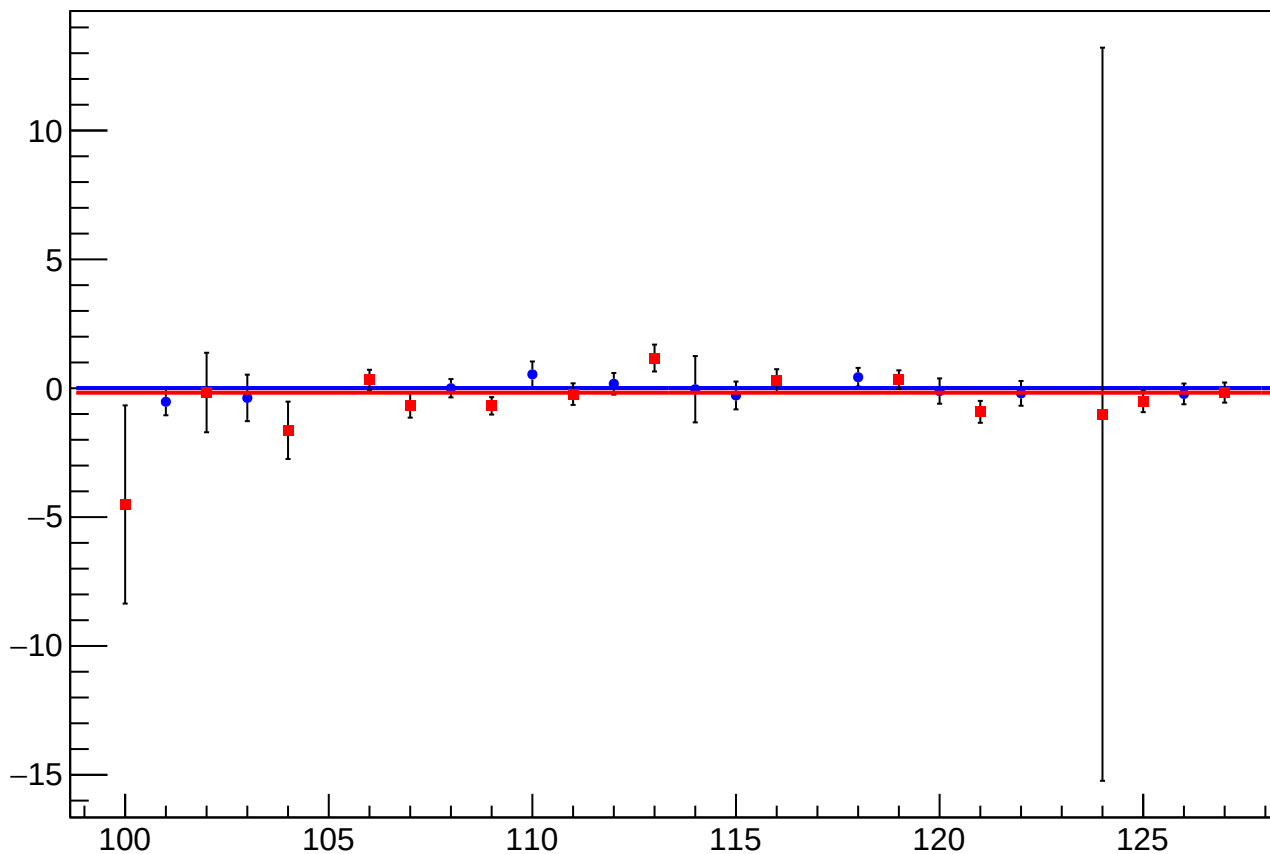
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 274.189 $\pm$ 0.067 χ^2 /NDF: 2004179.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.008 $\pm$ 0.143 χ^2 /NDF: 4.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.172 $\pm$ 0.128 χ^2 /NDF: 21.5/13

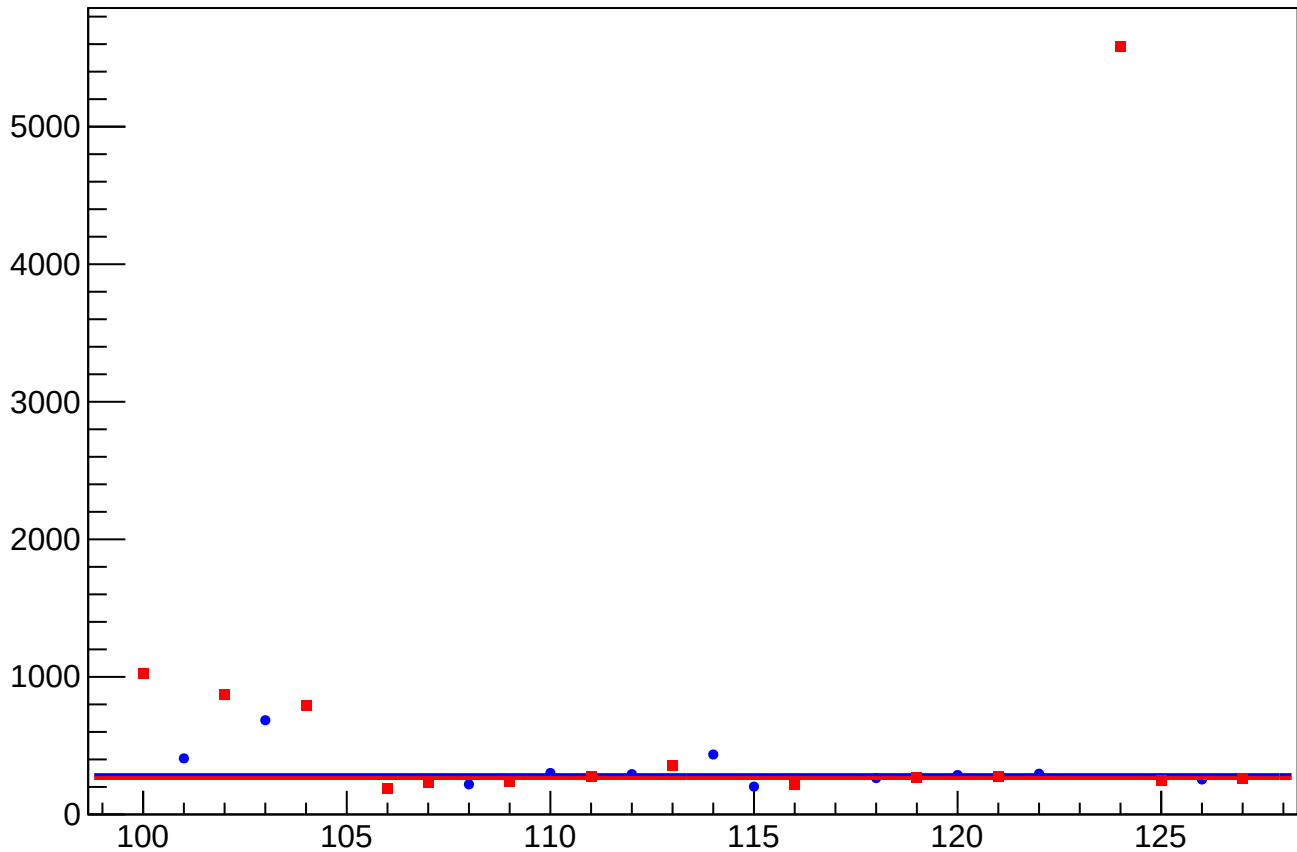
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.092 $\pm$ 0.095 χ^2 /NDF: 27.0/24

- 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: 285.856+/-0.101 χ^2/NDF : 668257.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 264.868+/-0.090 χ^2/NDF : 1312022.8/13

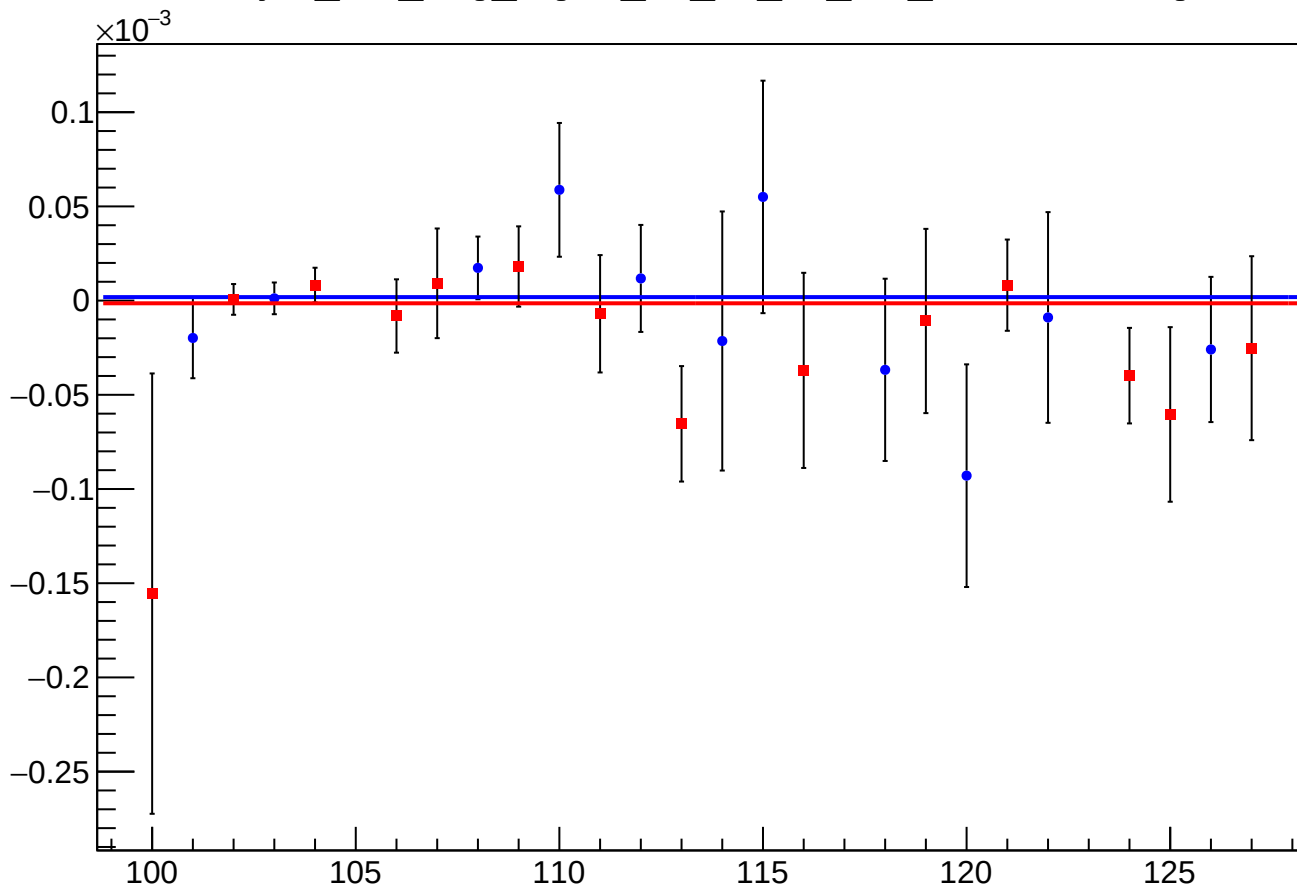
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 274.189+/-0.067 χ^2/NDF : 2004179.2/24

- 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 $\pm$ 0.000 χ^2 /NDF: 9.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.2/13

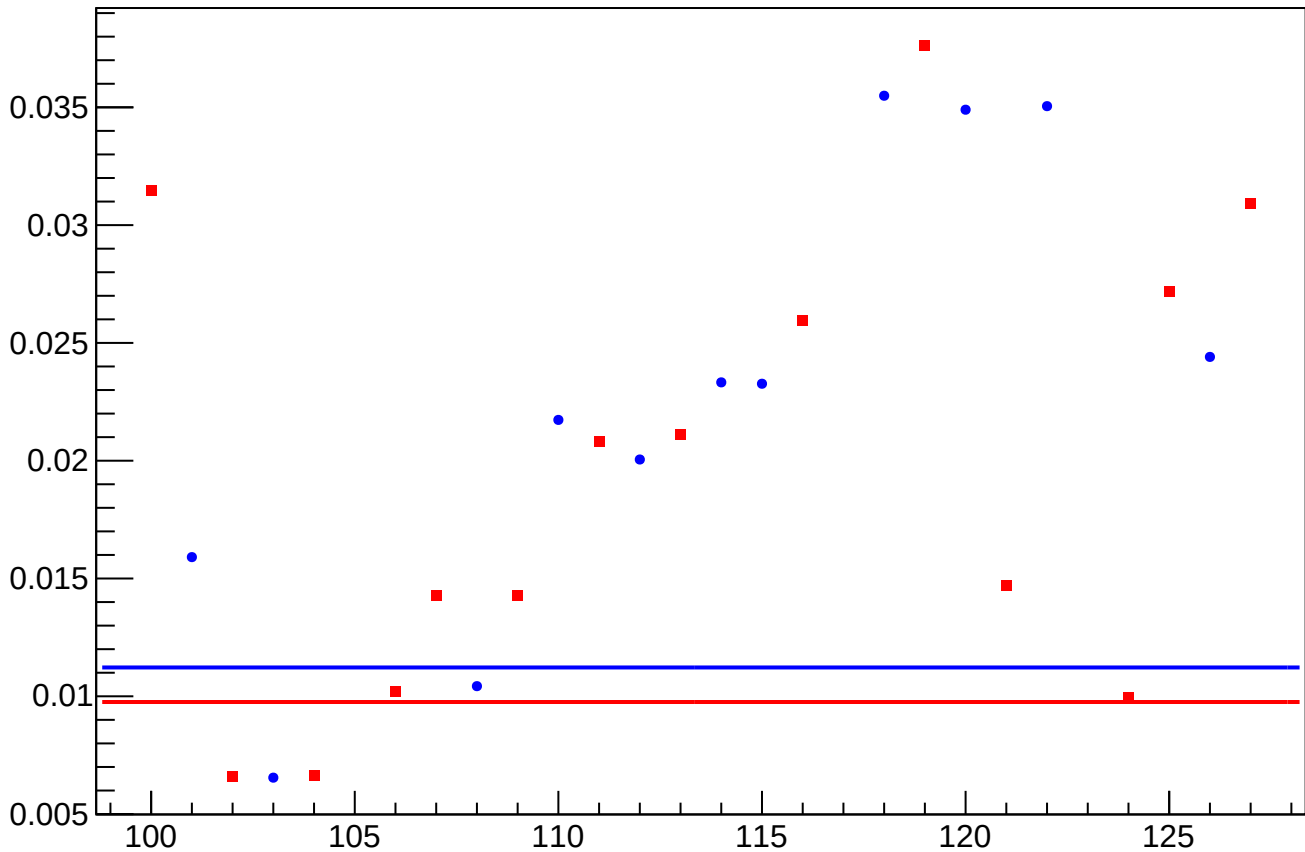
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 22.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF : 2646782.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 2857429.4/13

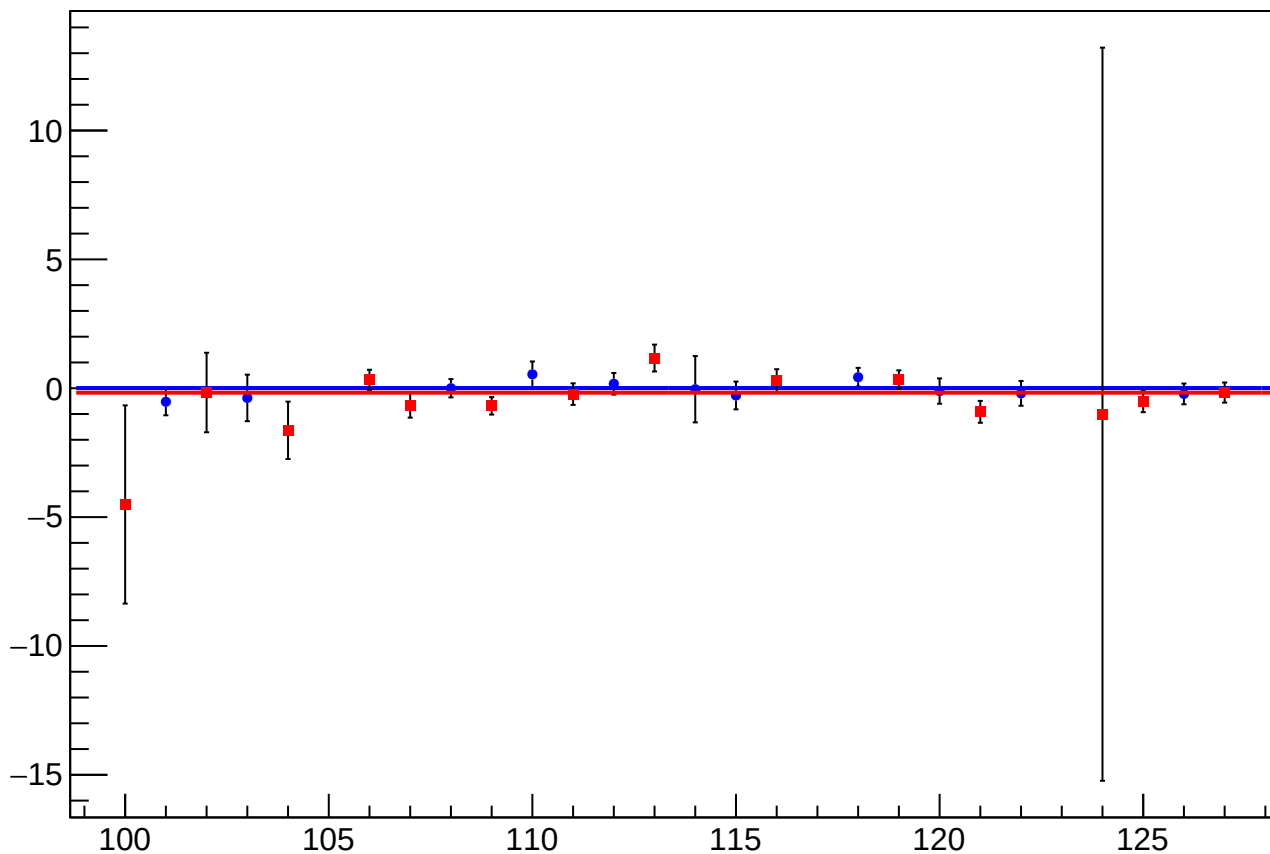
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 5568906.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.008 $\pm$ 0.143 χ^2 /NDF: 4.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.172 $\pm$ 0.128 χ^2 /NDF: 21.5/13

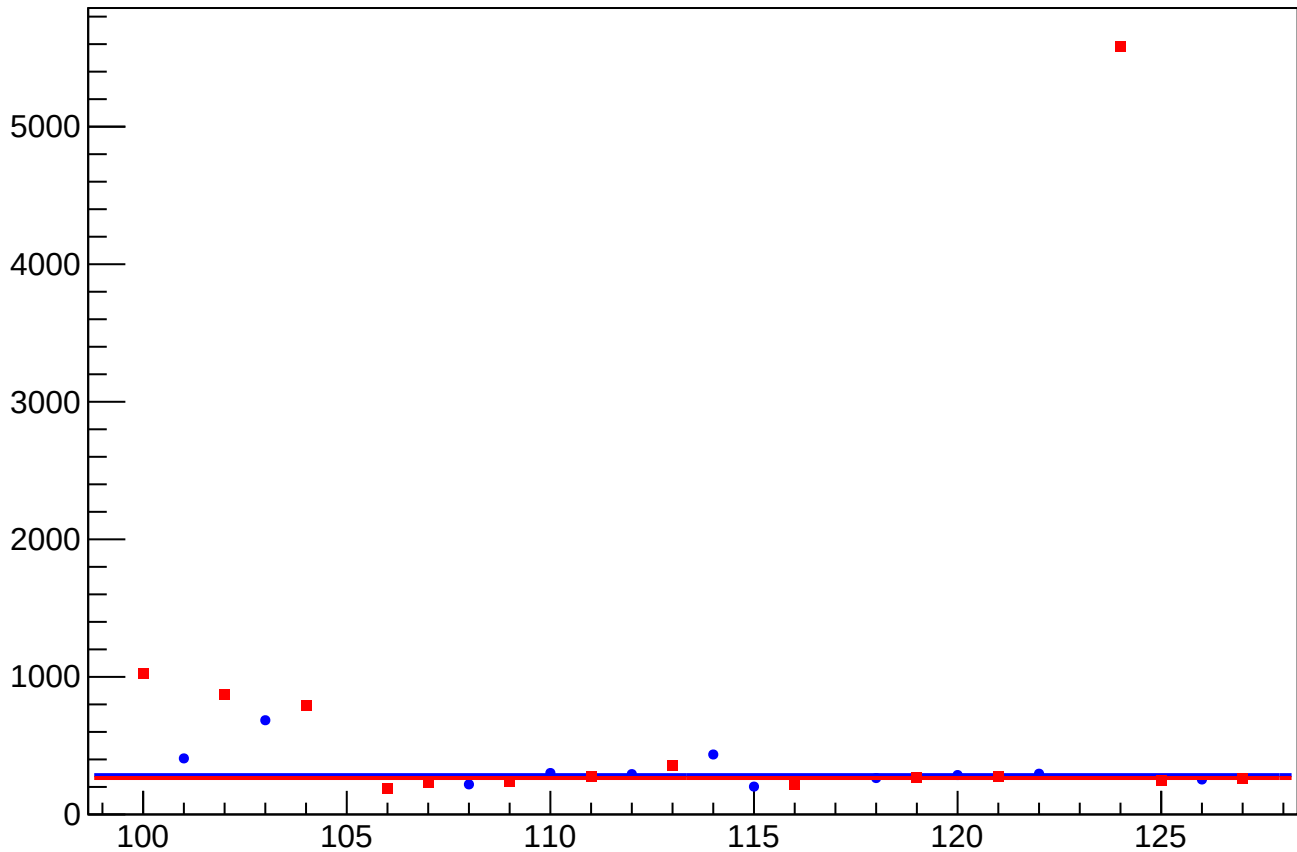
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.092 $\pm$ 0.095 χ^2 /NDF: 27.0/24

- 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: 285.856+/-0.101 χ^2/NDF : 668242.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 264.869+/-0.090 χ^2/NDF : 1312012.7/13

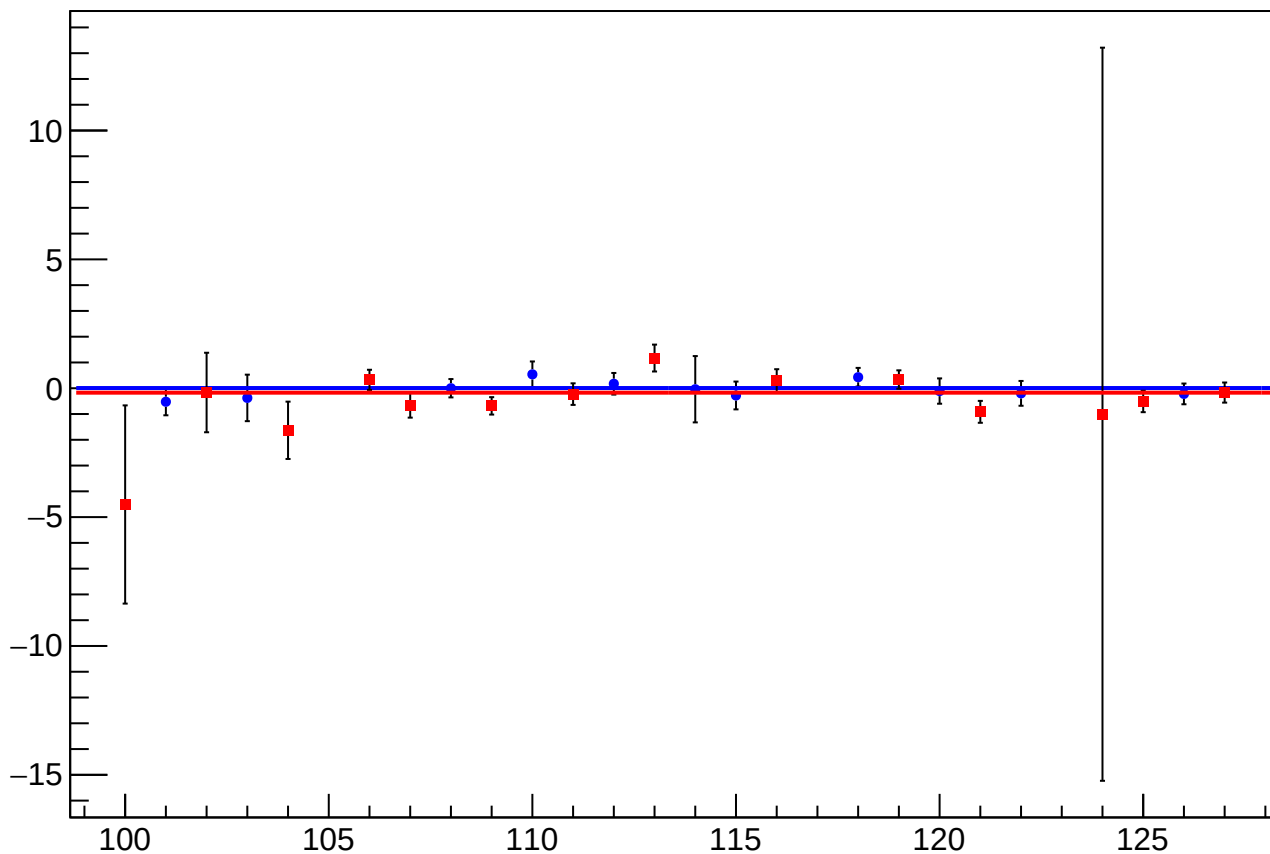
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 274.190+/-0.067 χ^2/NDF : 2004153.2/24

- 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: 0.008 $\pm$ 0.143 χ^2 /NDF: 4.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.172 $\pm$ 0.128 χ^2 /NDF: 21.5/13

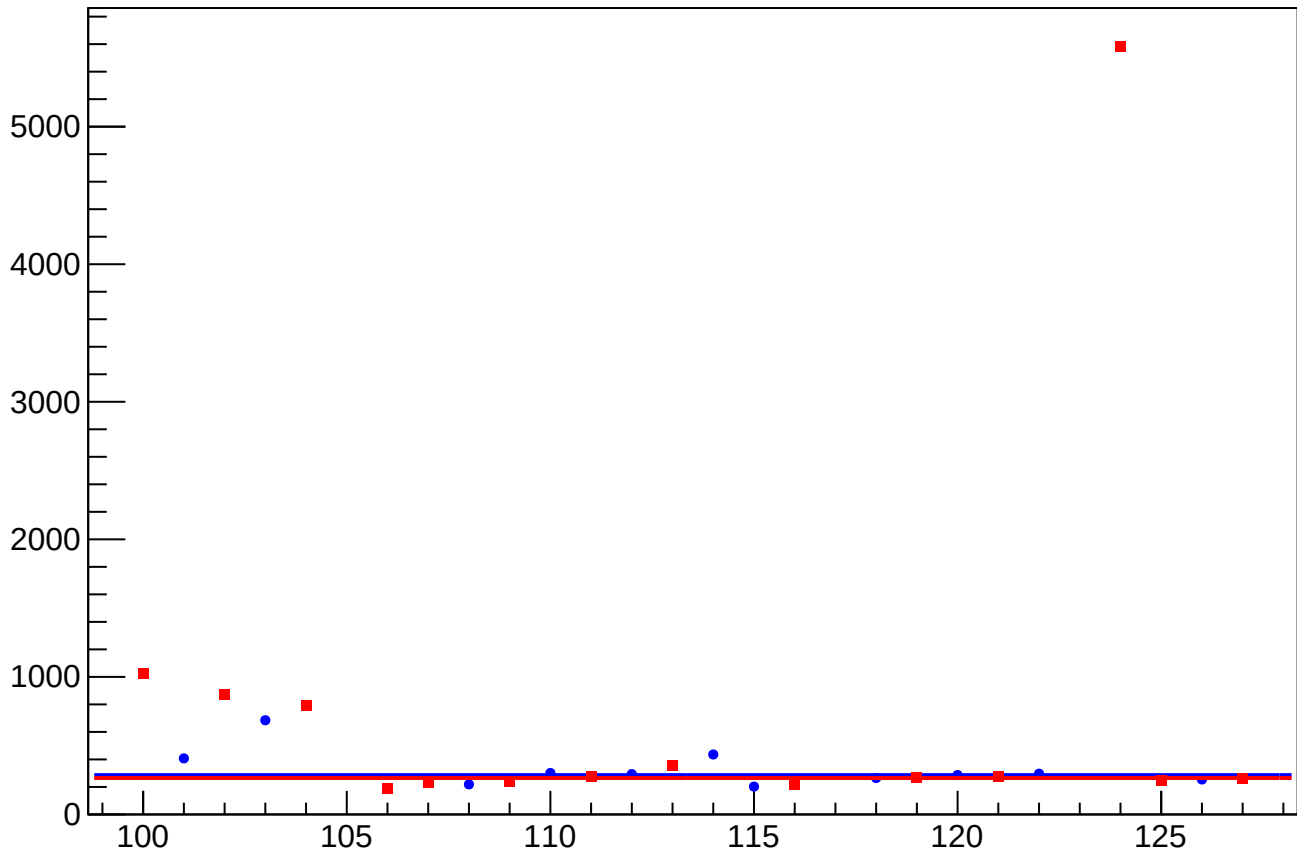
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.092 $\pm$ 0.095 χ^2 /NDF: 27.0/24

- 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: 285.856+/-0.101 χ^2/NDF : 668242.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 264.869+/-0.090 χ^2/NDF : 1312012.7/13

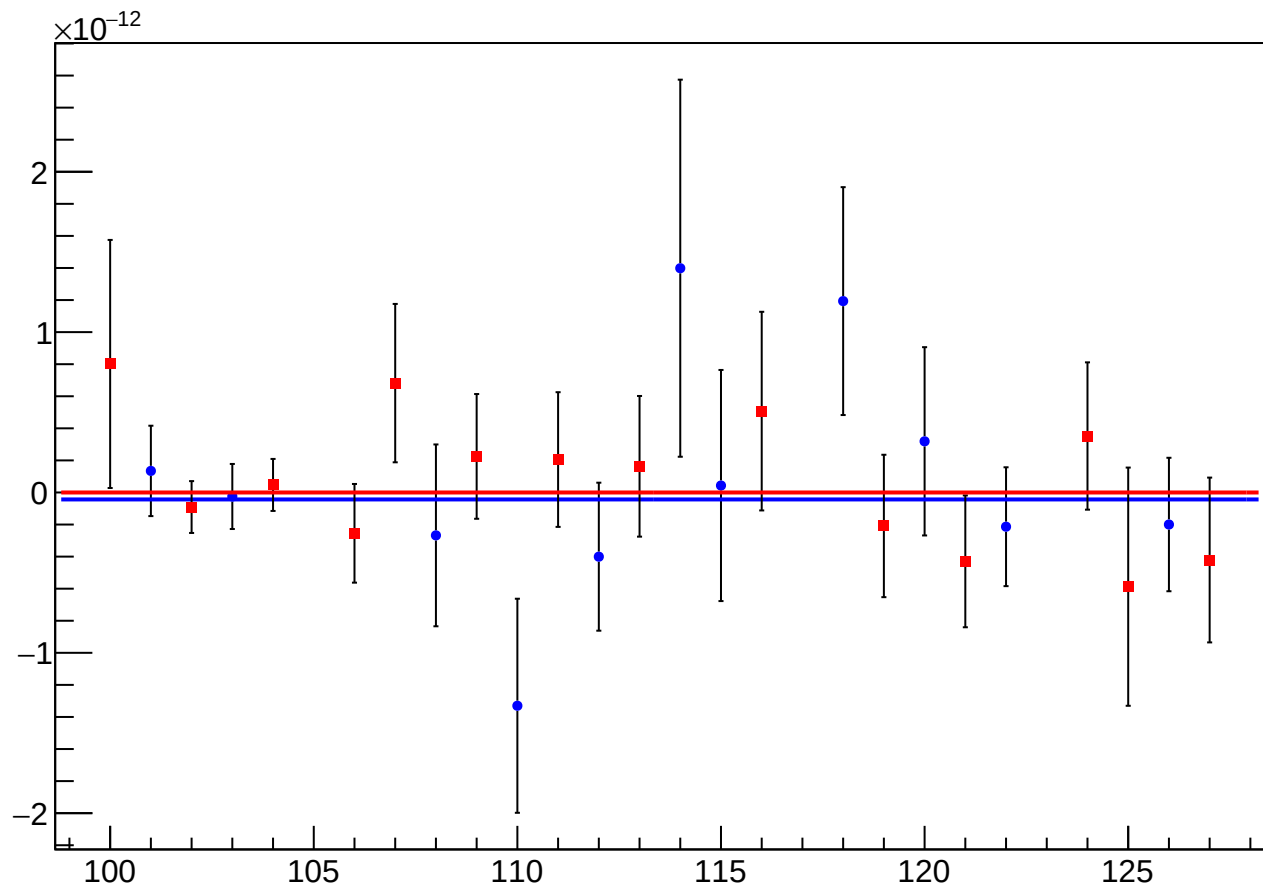
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 274.190+/-0.067 χ^2/NDF : 2004153.2/24

- 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: 10.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.6/13

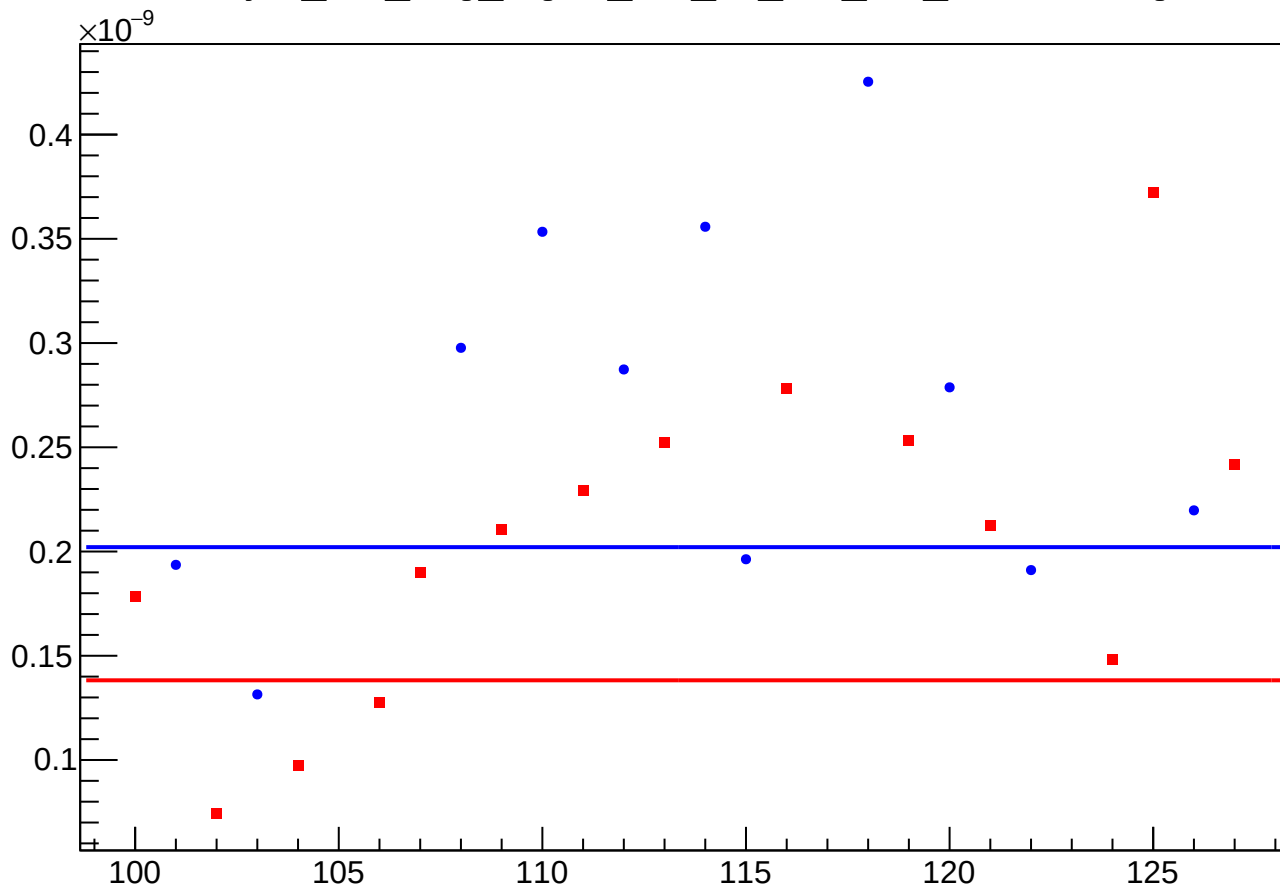
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 18.9/24

- 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 : 743307.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1348219.7/13

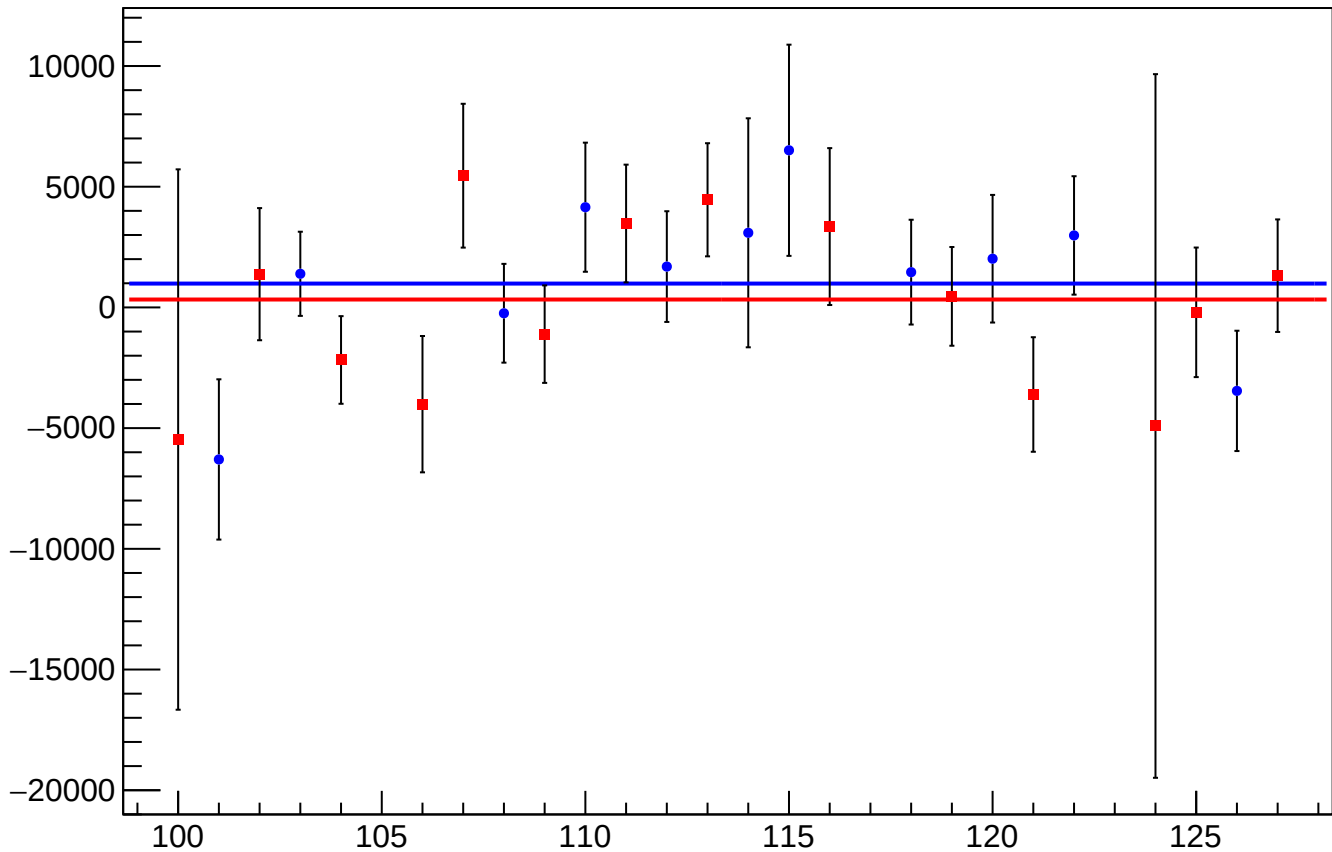
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2457959.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_dd_mean vs Slug



Right In: 987.782 $\pm$ 752.045 χ^2 /NDF: 12.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 327.354 $\pm$ 687.139 χ^2 /NDF: 16.9/13

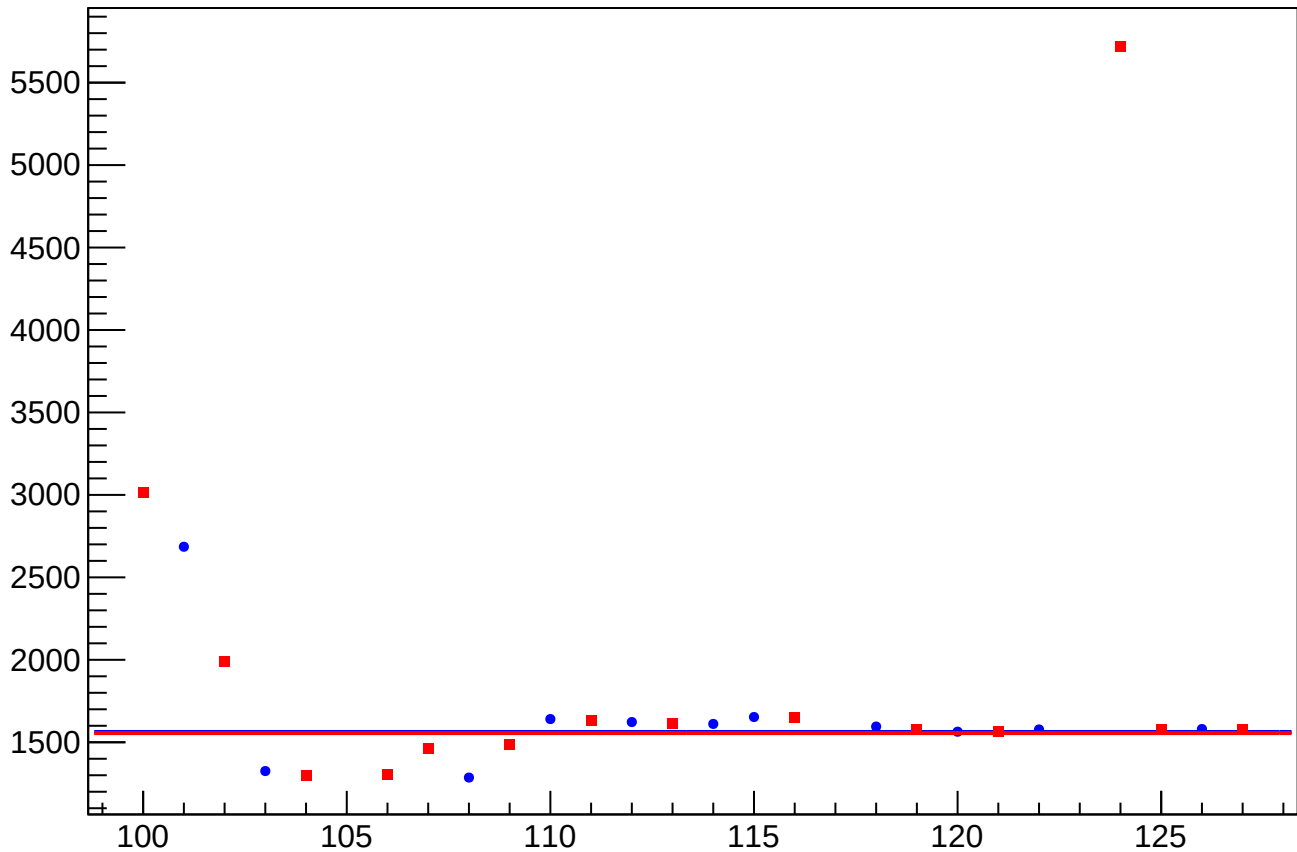
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 627.844 $\pm$ 507.278 χ^2 /NDF: 29.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_dd_rms vs Slug



Right In: 1562.301+/-0.532 χ^2/NDF : 307210.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1555.671+/-0.486 χ^2/NDF : 312567.6/13

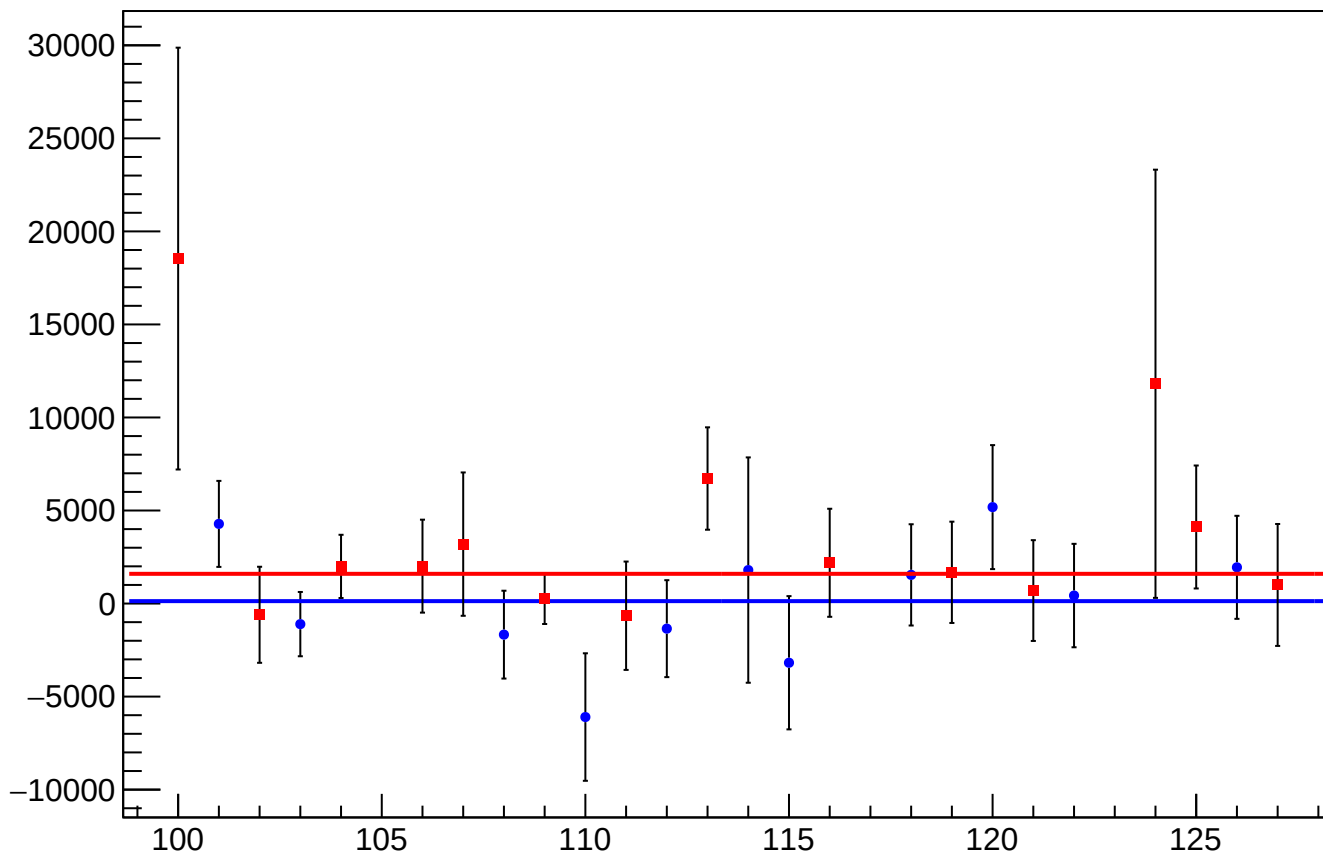
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1558.687+/-0.359 χ^2/NDF : 619863.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_reg_correction_mean vs Slug



Right In: 130.071+/-809.831 χ^2/NDF : 11.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1597.536+/-688.187 χ^2/NDF : 9.8/13

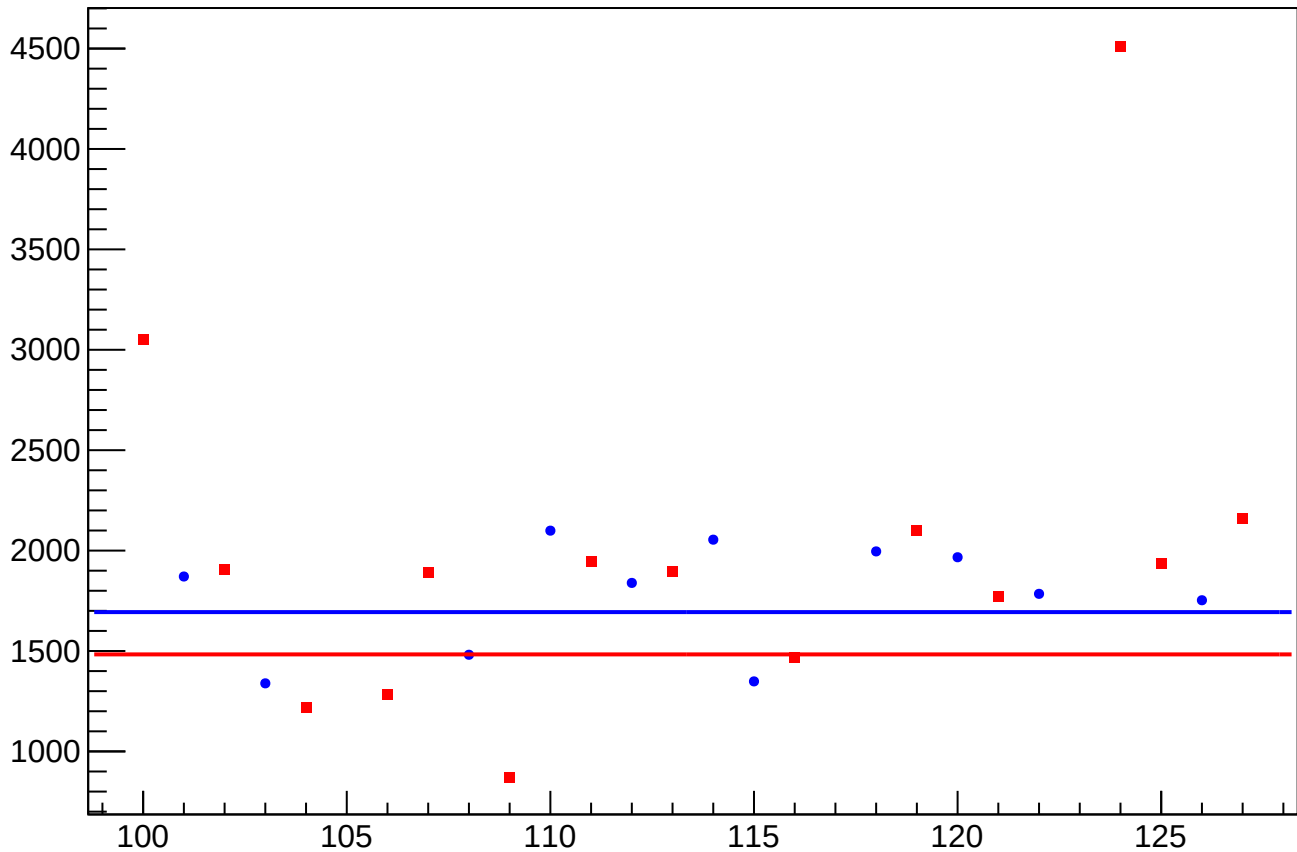
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 982.186+/-524.411 χ^2/NDF : 23.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_reg_correction_rms vs Slug



Right In: 1693.739+/-0.573 χ^2/NDF : 213401.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1483.121+/-0.487 χ^2/NDF : 1068780.8/13

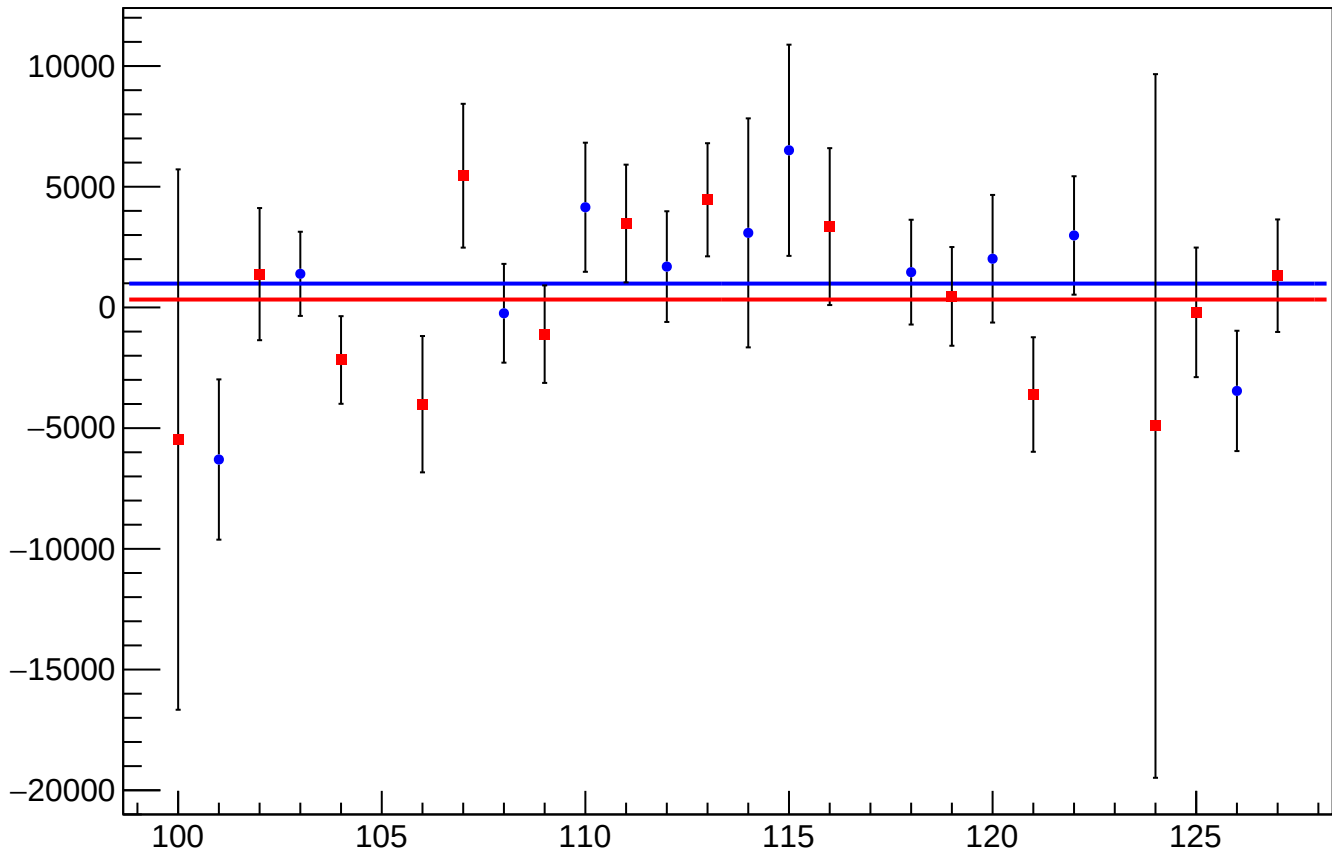
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1571.439+/-0.371 χ^2/NDF : 1360735.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at2_dd_mean vs Slug



Right In: 987.638+/-752.045 χ^2/NDF : 12.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 327.667+/-687.139 χ^2/NDF : 16.9/13

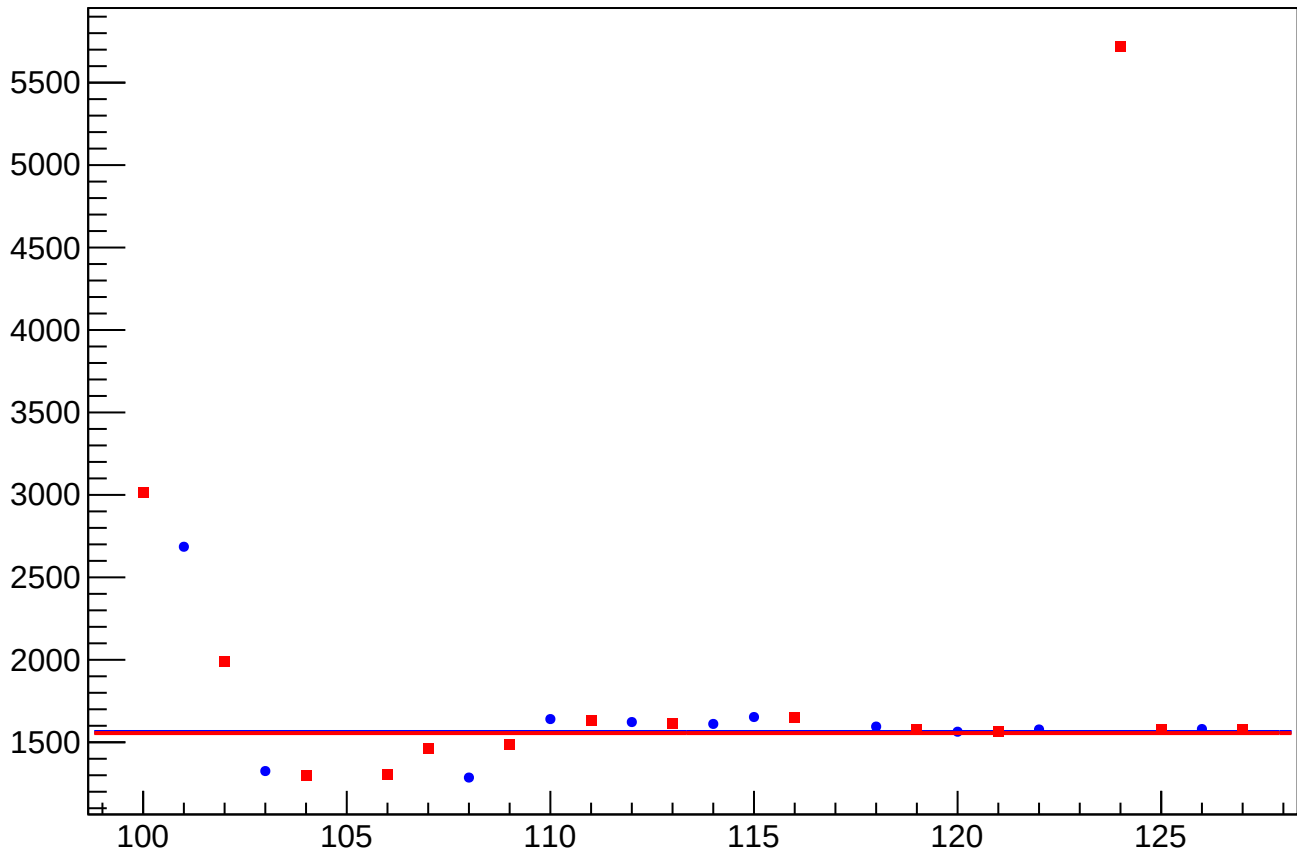
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 627.949+/-507.278 χ^2/NDF : 29.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at2_dd_rms vs Slug



Right In: 1562.301+/-0.532 χ^2/NDF : 307211.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1555.670+/-0.486 χ^2/NDF : 312567.4/13

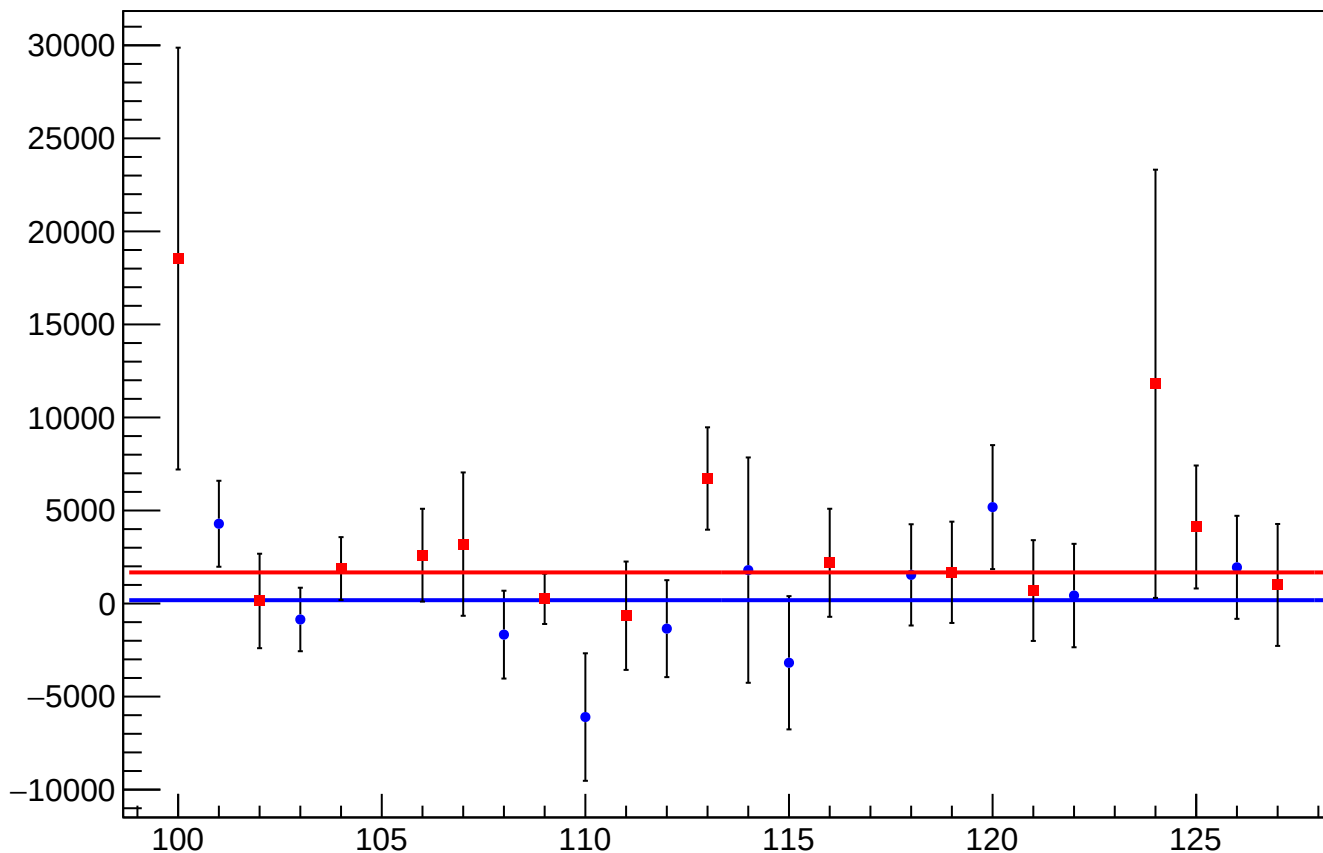
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1558.687+/-0.359 χ^2/NDF : 619863.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_cor_correction_mean vs Slug



Right In: 180.378+/-807.580 χ^2/NDF : 11.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1672.851+/-686.738 χ^2/NDF : 9.5/13

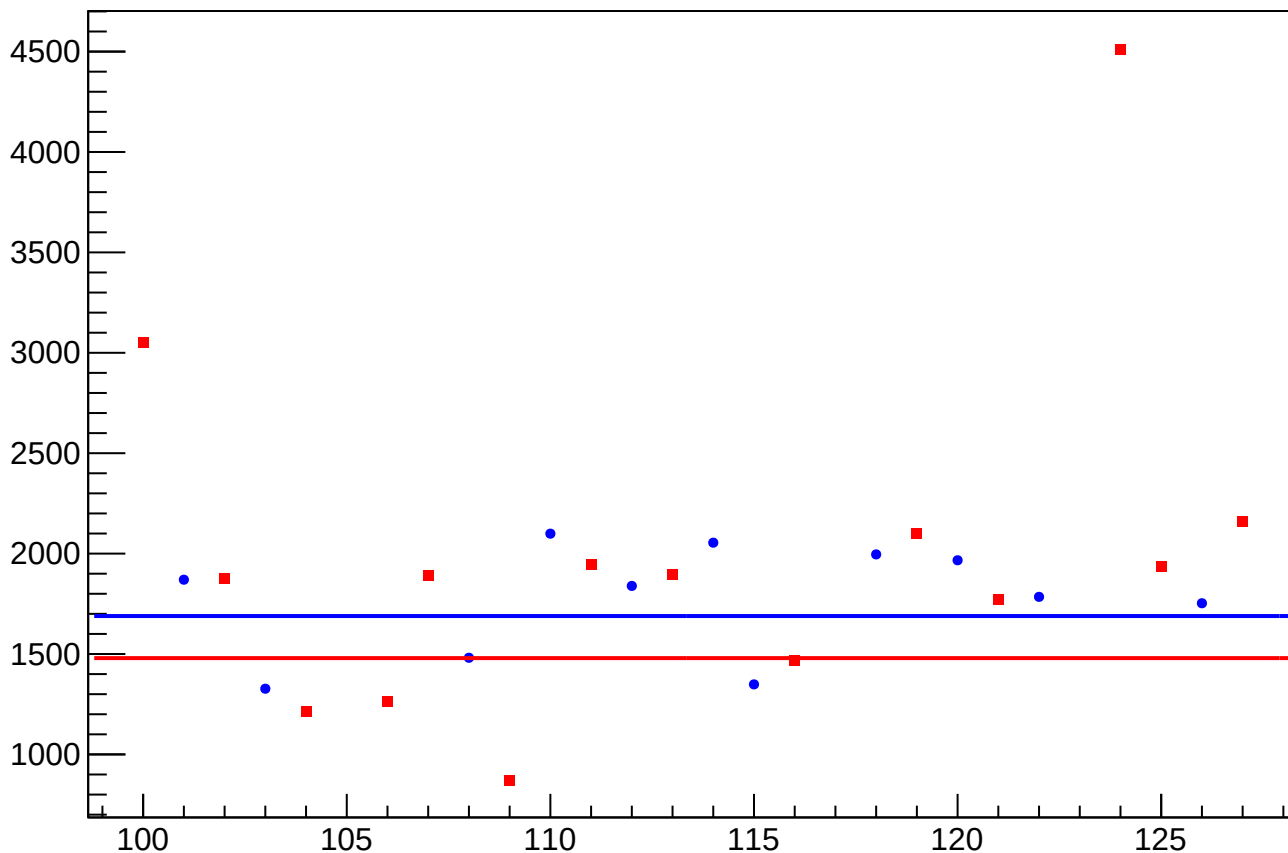
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1046.524+/-523.158 χ^2/NDF : 23.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_cor_correction_rms vs Slug



Right In: 1689.076+/-0.571 χ^2 /NDF: 221147.1/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1479.583+/-0.486 χ^2 /NDF: 1067387.4/13

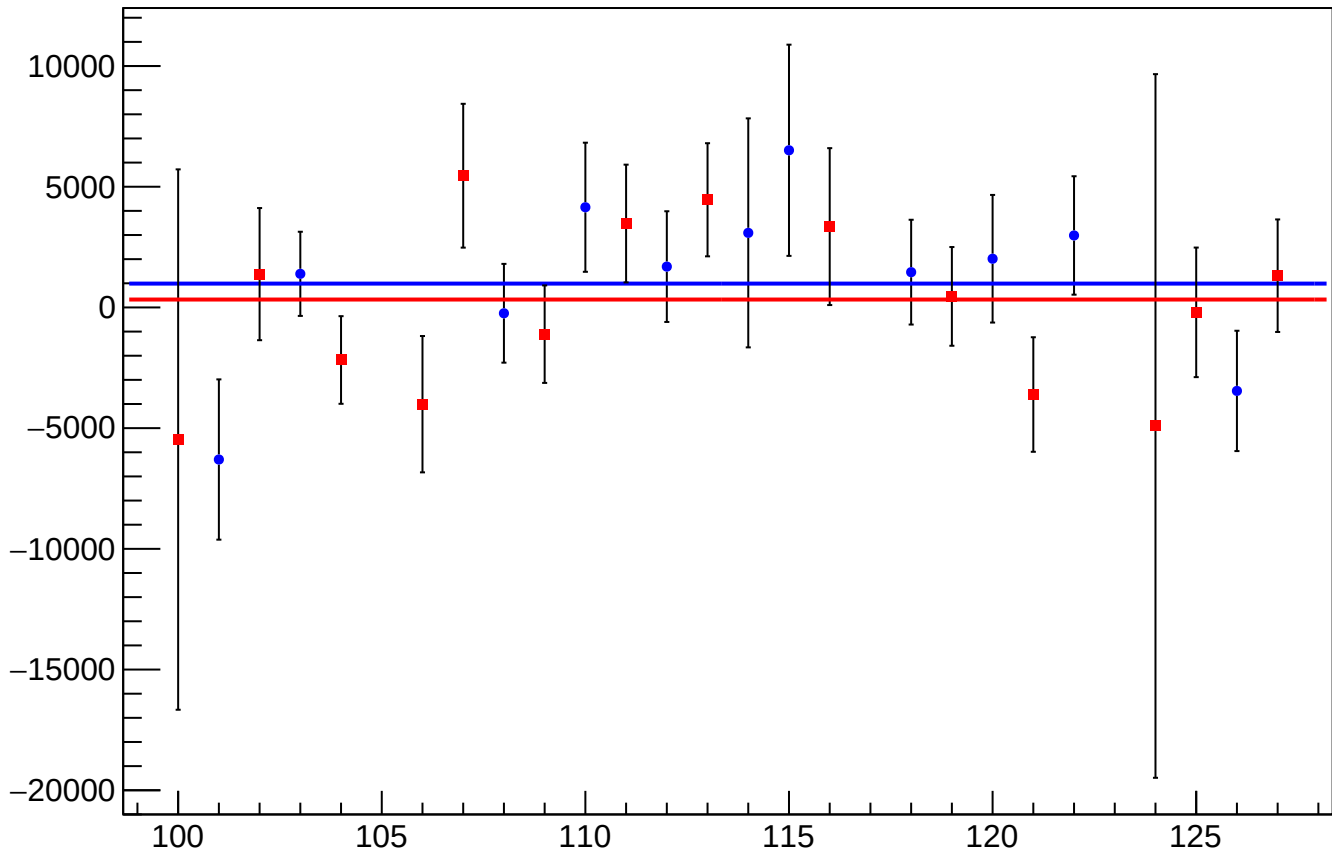
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1567.499+/-0.370 χ^2 /NDF: 1366640.3/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_at2_dd_mean vs Slug



Right In: 987.638 $\pm$ 752.045 χ^2 /NDF: 12.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 327.667 $\pm$ 687.139 χ^2 /NDF: 16.9/13

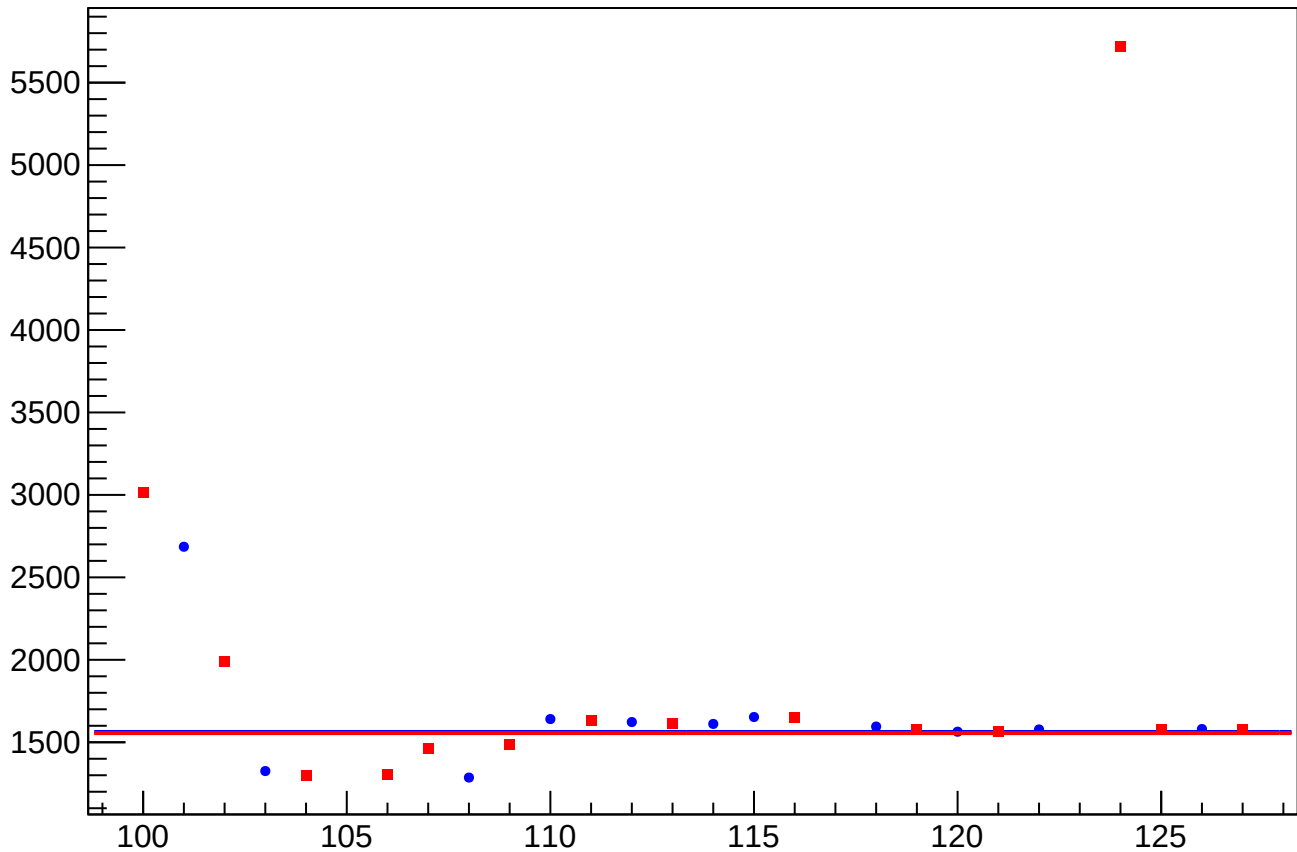
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 627.949 $\pm$ 507.278 χ^2 /NDF: 29.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_at2_dd_rms vs Slug



Right In: 1562.301+/-0.532 χ^2/NDF : 307211.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1555.670+/-0.486 χ^2/NDF : 312567.4/13

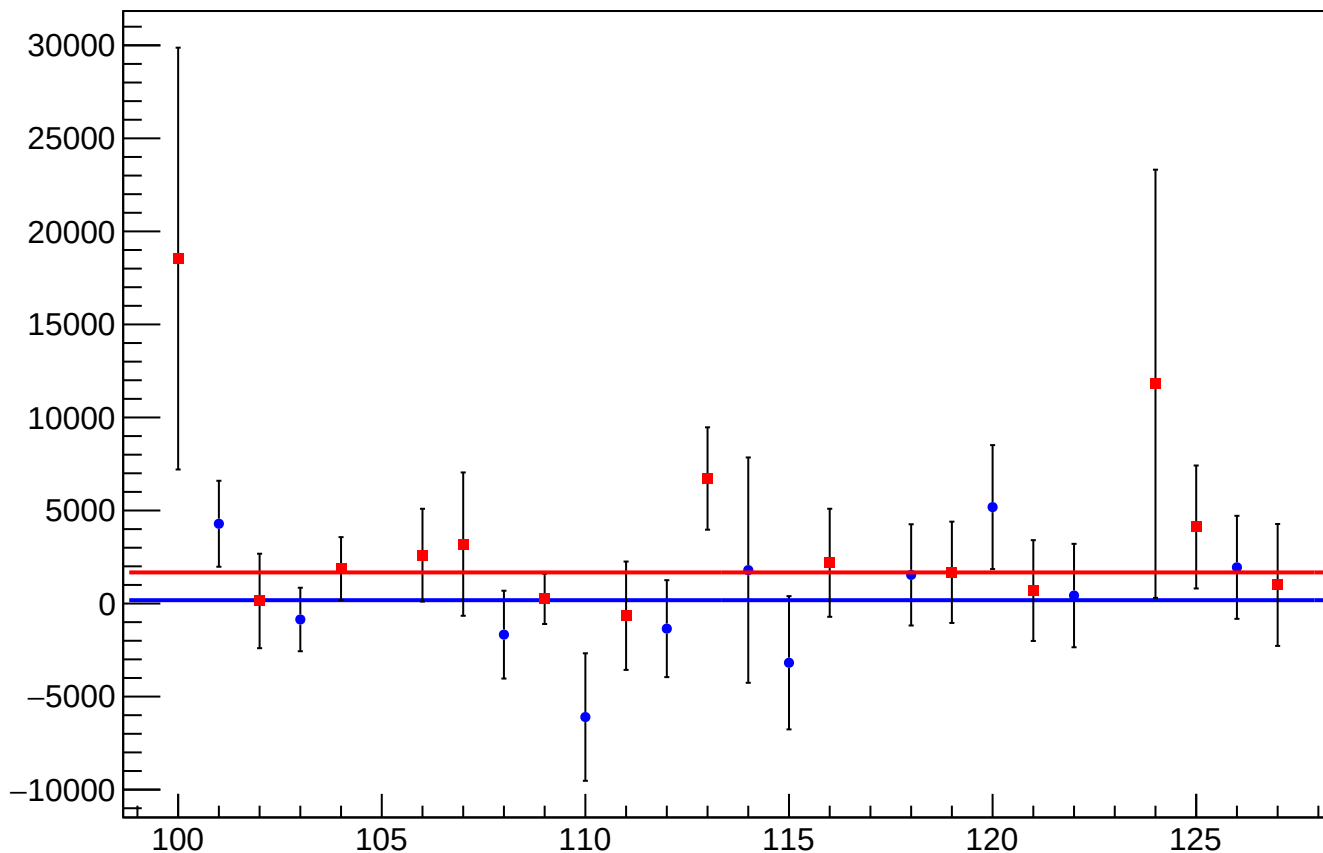
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1558.687+/-0.359 χ^2/NDF : 619863.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_cor_correction_mean vs Slug



Right In: 180.378 $\pm$ 807.580 χ^2 /NDF: 11.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1672.851 $\pm$ 686.738 χ^2 /NDF: 9.5/13

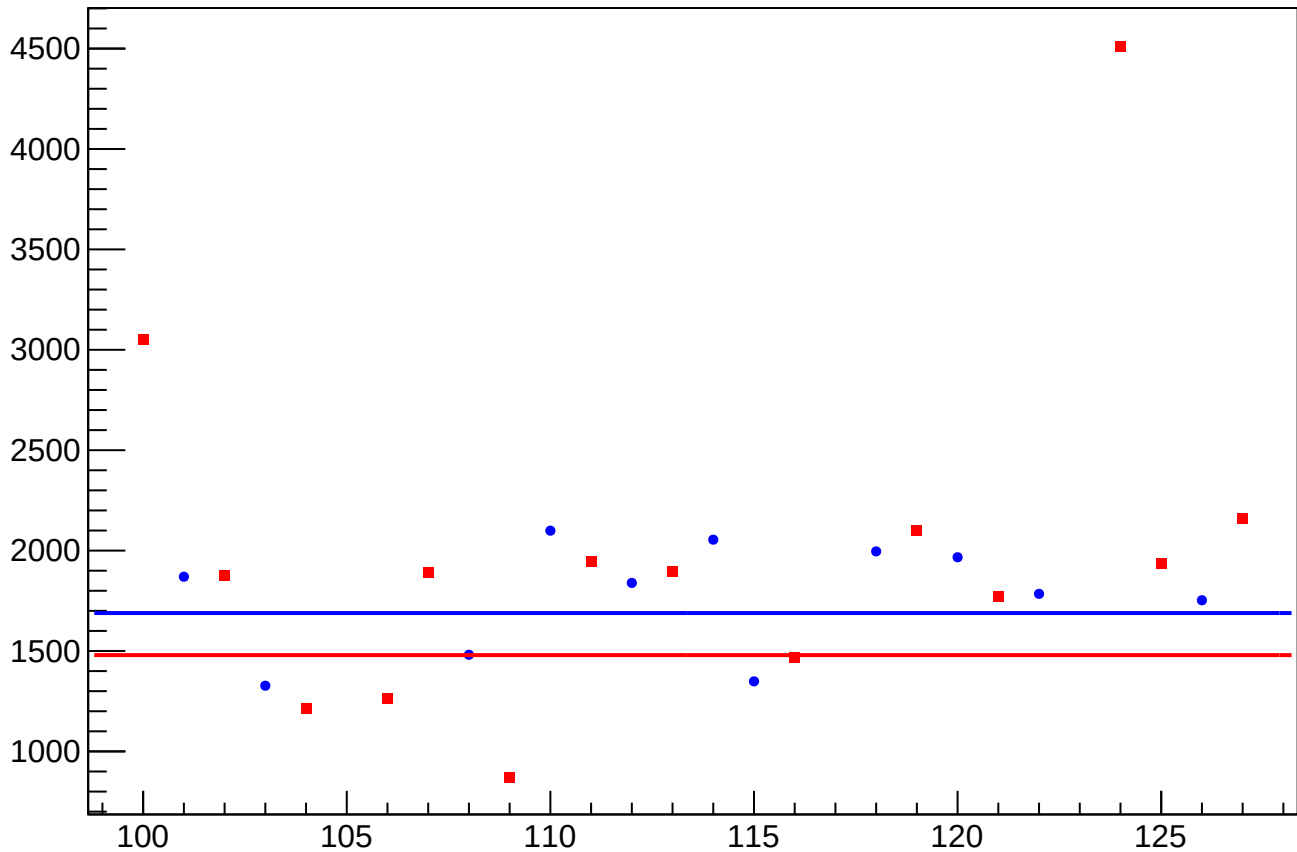
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1046.524 $\pm$ 523.158 χ^2 /NDF: 23.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_eigen_cor_correction_rms vs Slug



Right In: 1689.076+/-0.571 χ^2/NDF : 221147.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1479.583+/-0.486 χ^2/NDF : 1067387.4/13

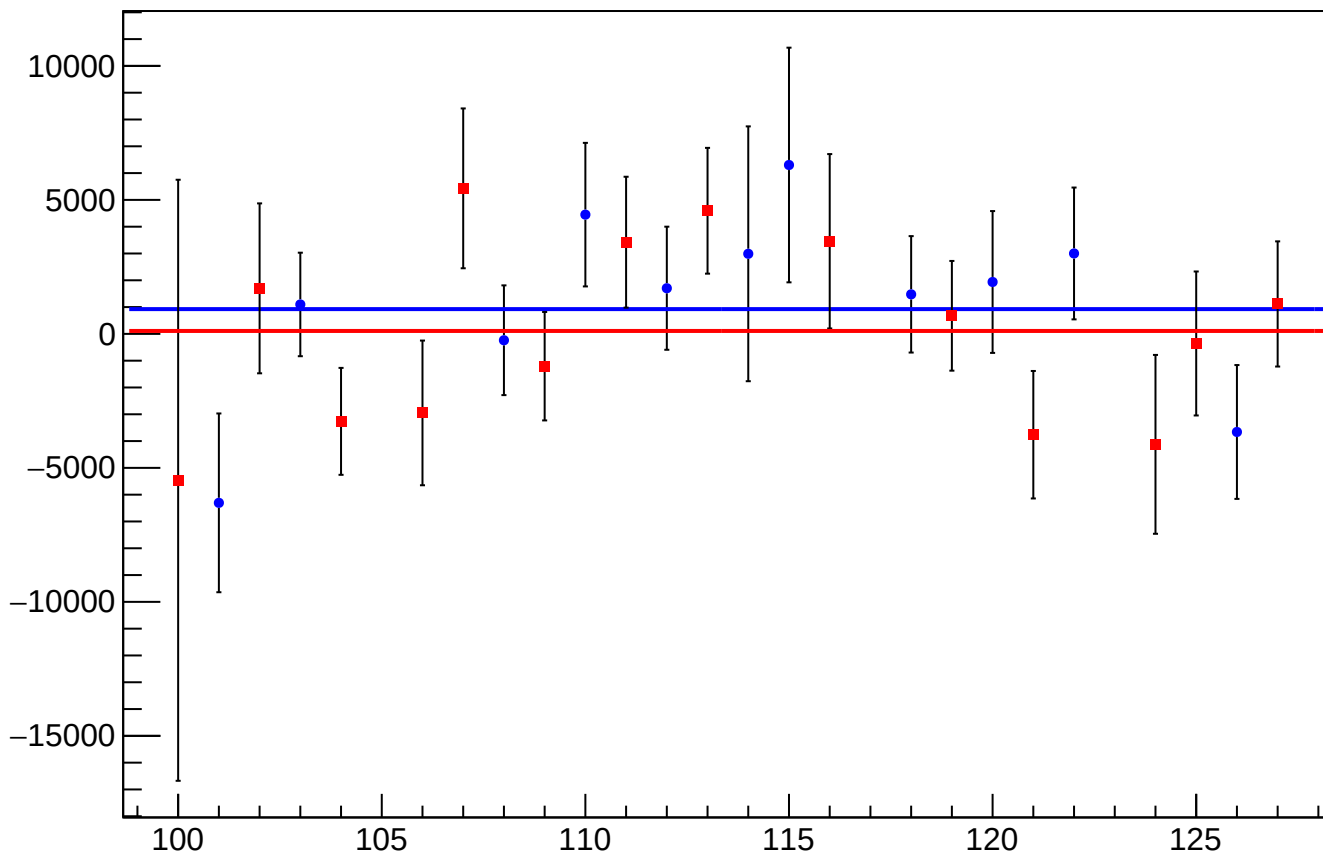
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1567.499+/-0.370 χ^2/NDF : 1366640.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at2_dd_mean vs Slug



Right In: 924.458+/-766.469 χ^2/NDF : 12.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.324+/-686.237 χ^2/NDF : 19.3/13

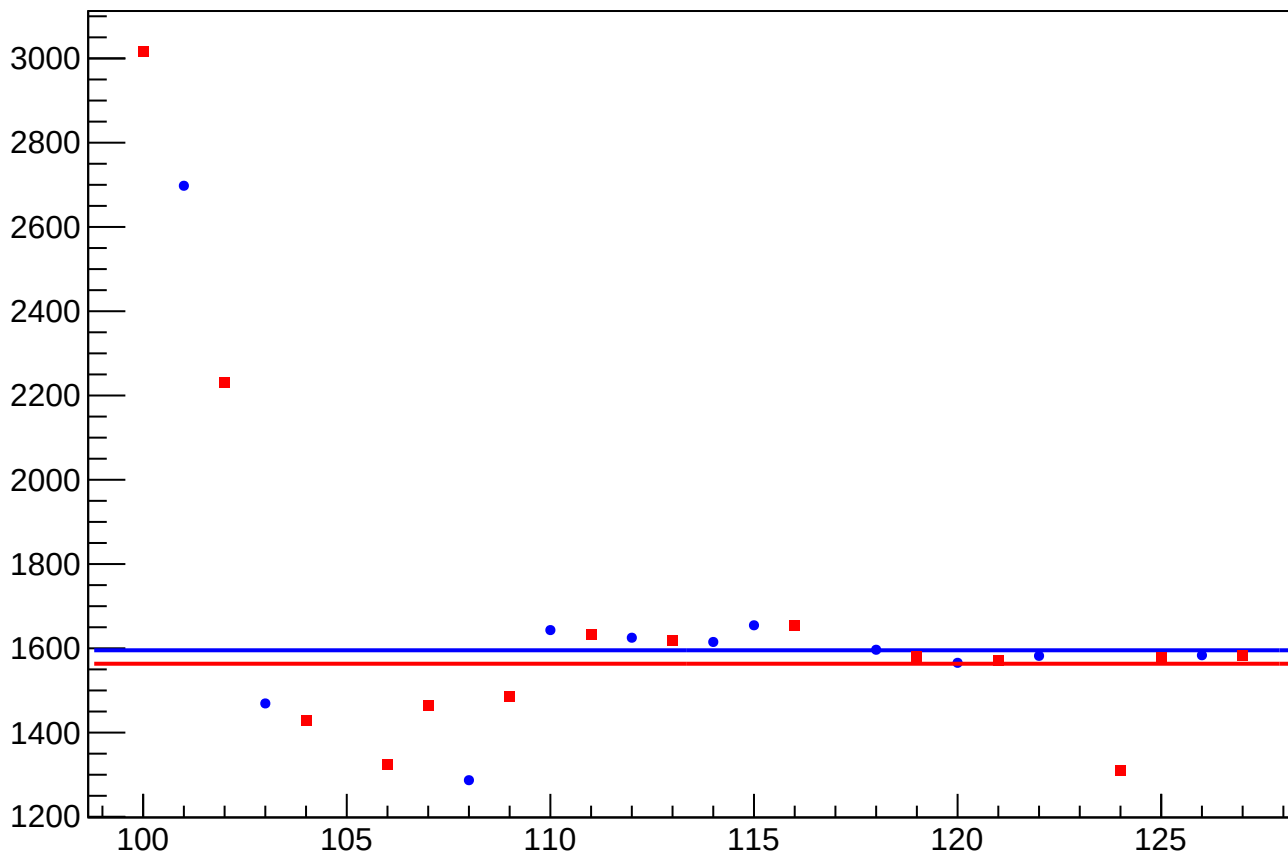
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 472.008+/-511.263 χ^2/NDF : 32.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at2_dd_rms vs Slug



Right In: 1595.345 $\pm$ 0.542 χ^2 /NDF: 274103.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1563.412 $\pm$ 0.485 χ^2 /NDF: 167863.3/13

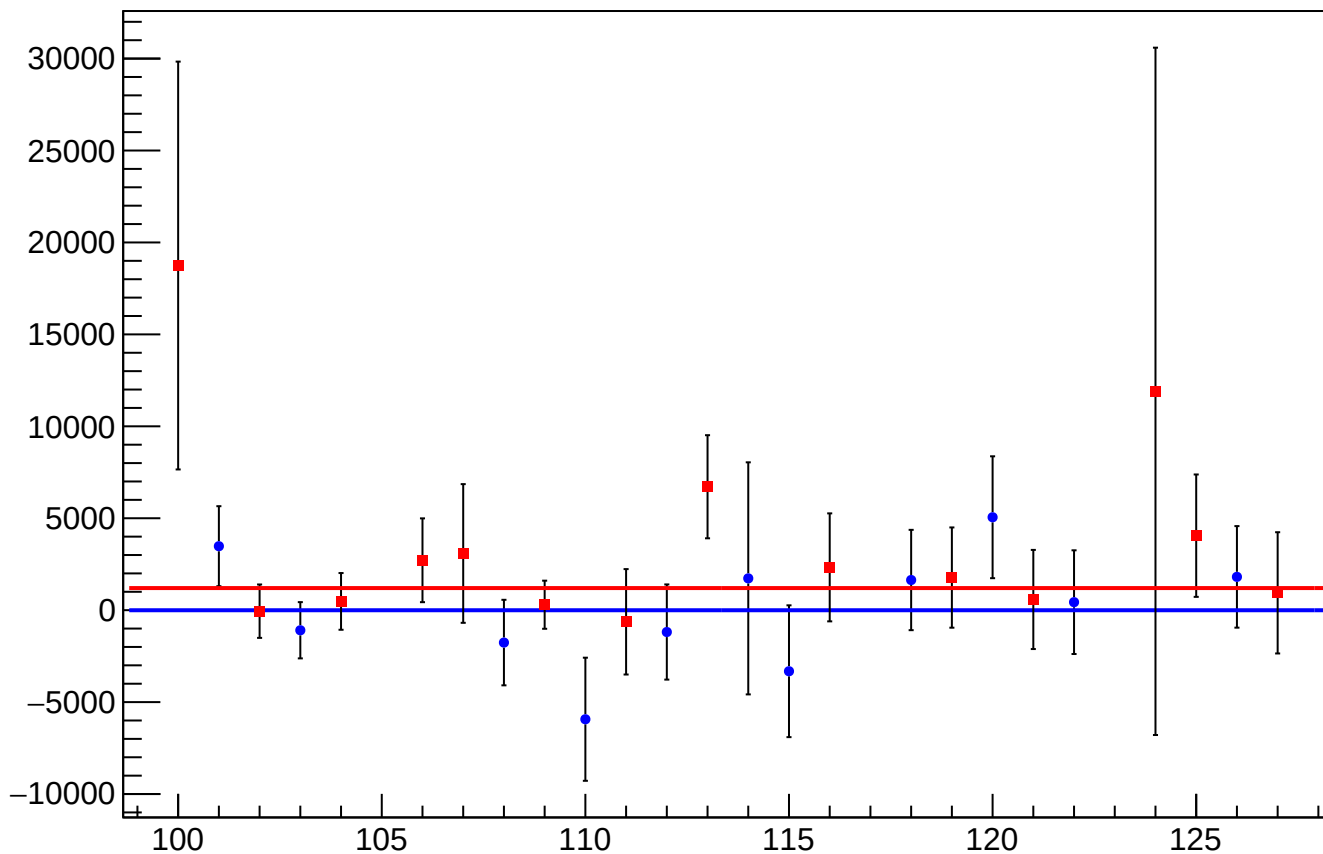
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1577.620 $\pm$ 0.362 χ^2 /NDF: 443893.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_dit_correction_mean vs Slug



Right In: -3.708 ± 779.187 χ^2/NDF : 11.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1202.251 ± 623.593 χ^2/NDF : 10.2/13

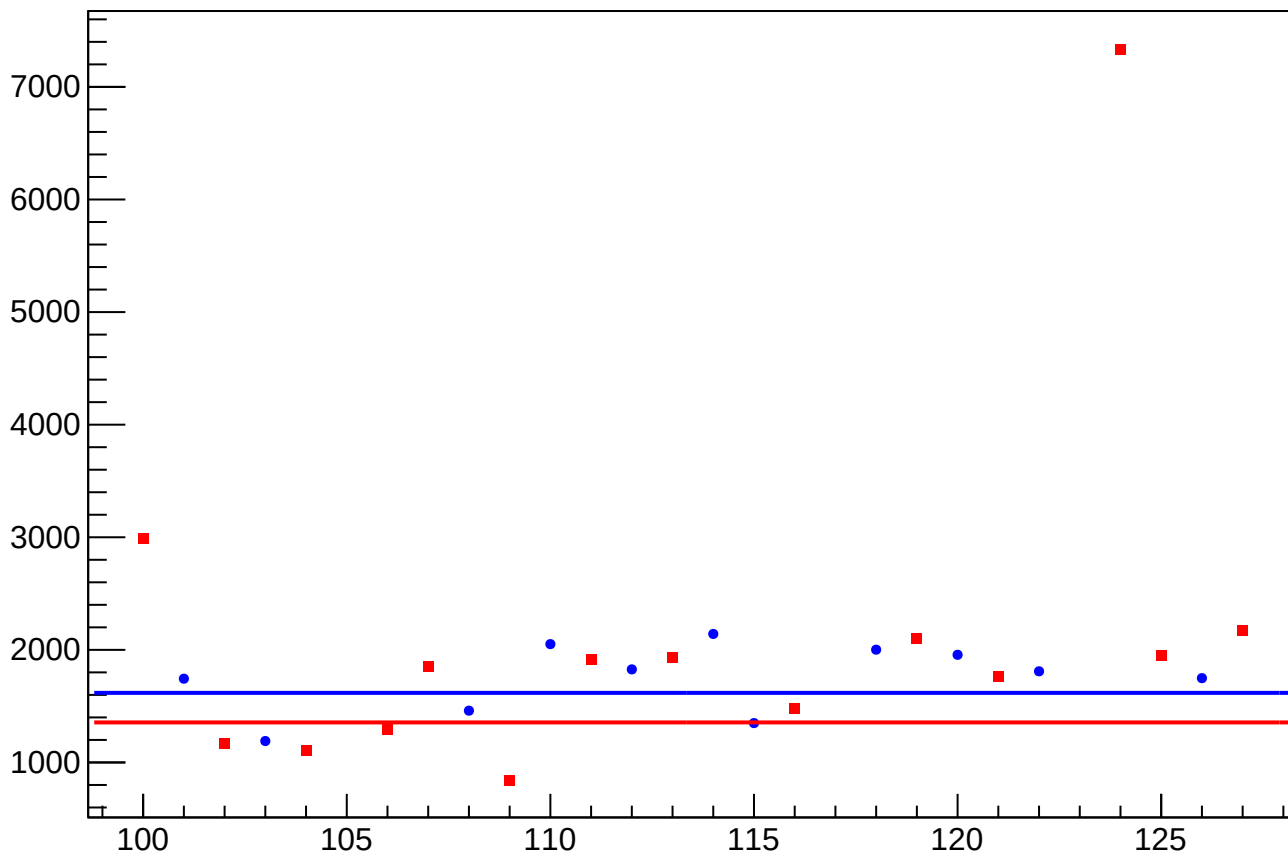
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 731.408 ± 486.870 χ^2/NDF : 22.8/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at2_dd_dit_correction_rms vs Slug



Right In: 1618.087 $\pm$ 0.551 χ^2 /NDF: 317853.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1355.536 $\pm$ 0.441 χ^2 /NDF: 1226658.3/13

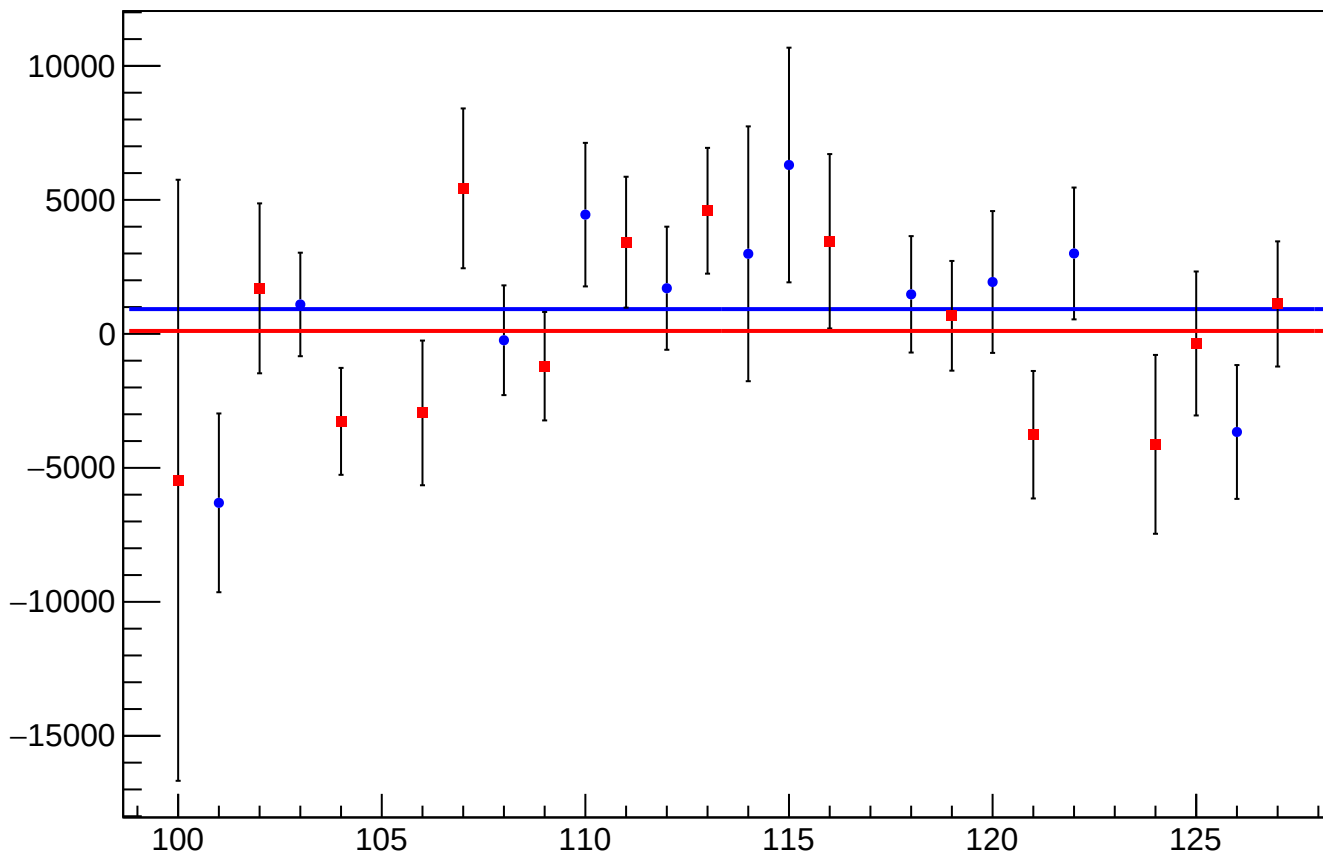
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1458.044 $\pm$ 0.344 χ^2 /NDF: 1682930.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_at2_dd_mean vs Slug



Right In: 924.452+/-766.469 χ^2/NDF : 12.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.321+/-686.237 χ^2/NDF : 19.3/13

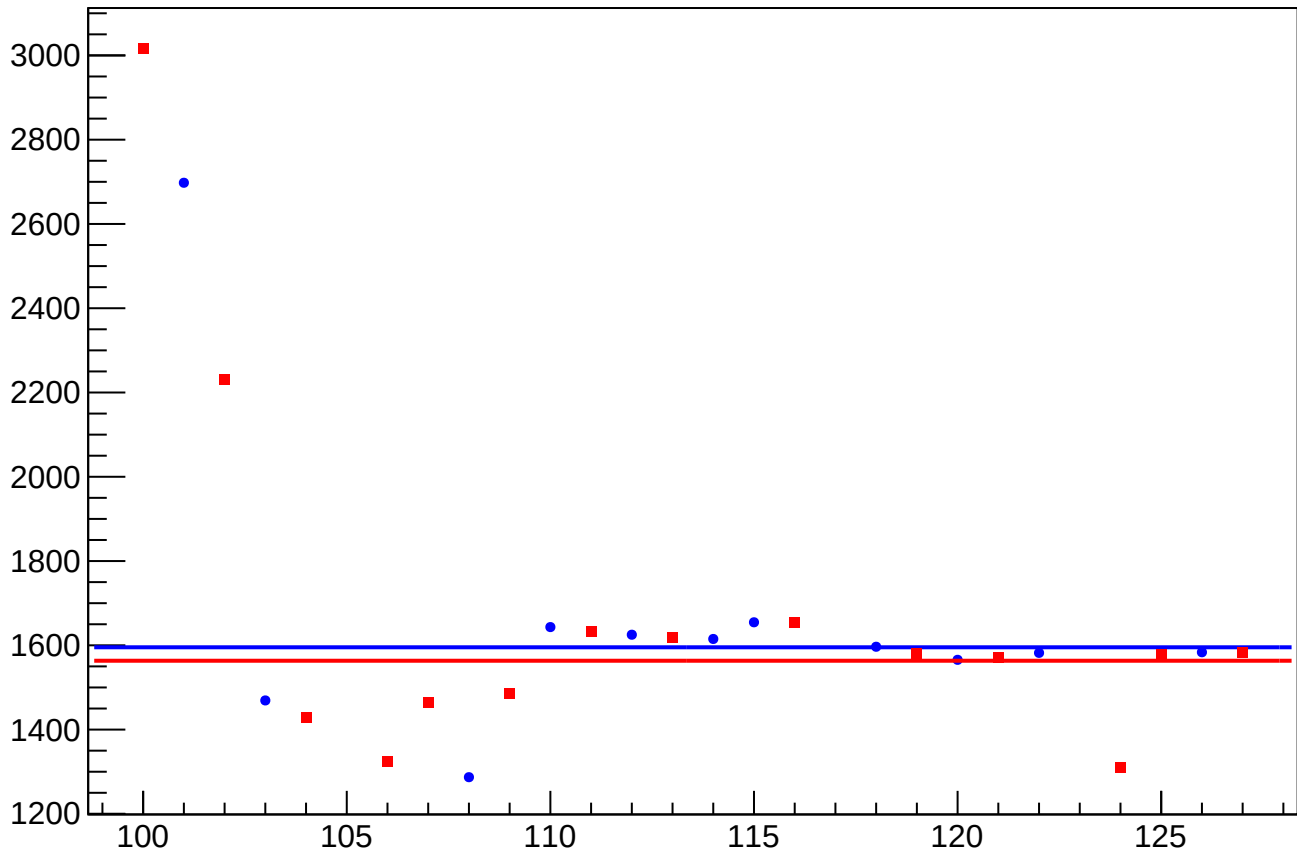
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 472.004+/-511.263 χ^2/NDF : 32.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at2_dd_rms vs Slug



Right In: 1595.345 $\pm$ 0.542 χ^2 /NDF: 274103.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1563.412 $\pm$ 0.485 χ^2 /NDF: 167863.4/13

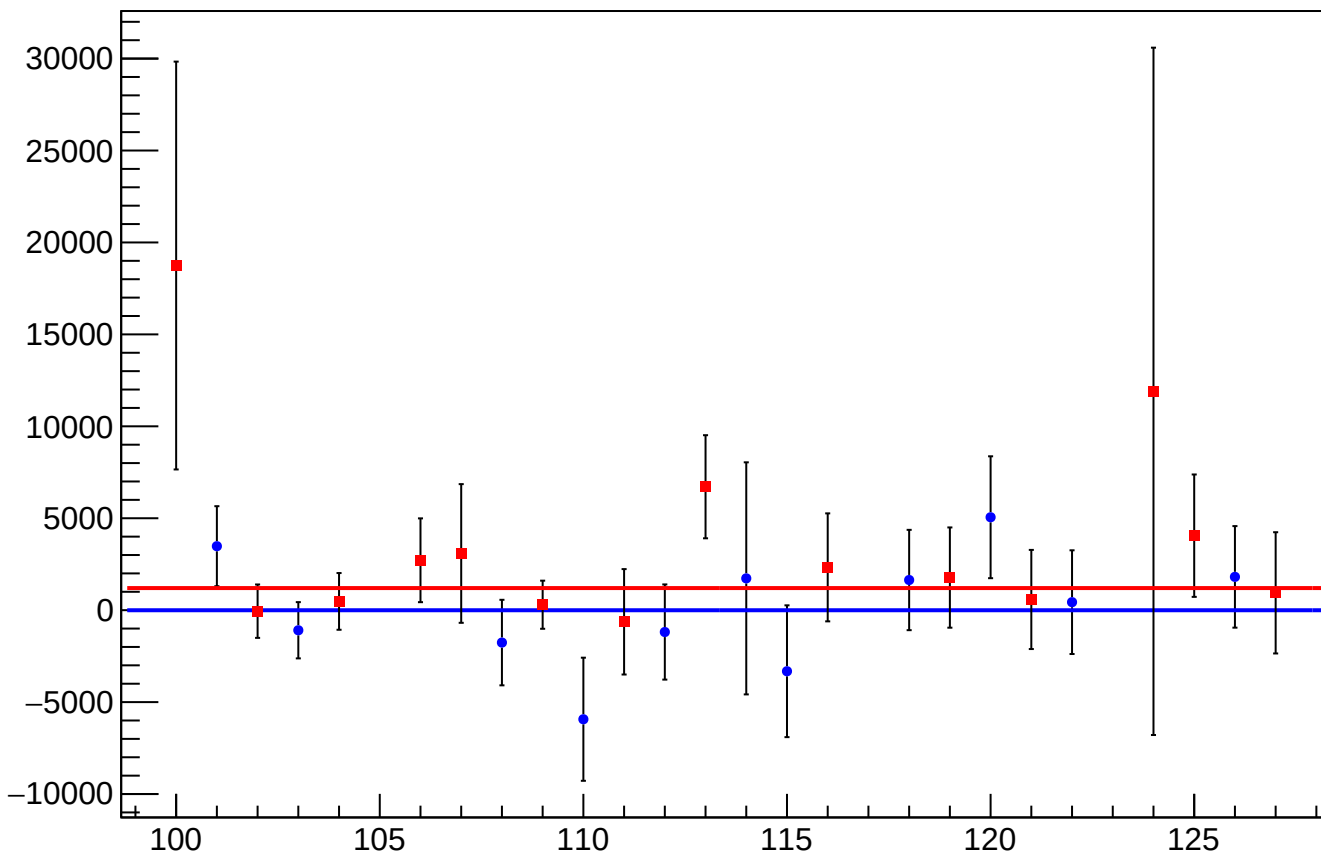
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1577.620 $\pm$ 0.362 χ^2 /NDF: 443893.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_eigen_dit_correction_mean vs Slug



Right In: -3.707 $\pm$ 779.185 χ^2 /NDF: 11.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1202.254 $\pm$ 623.594 χ^2 /NDF: 10.2/13

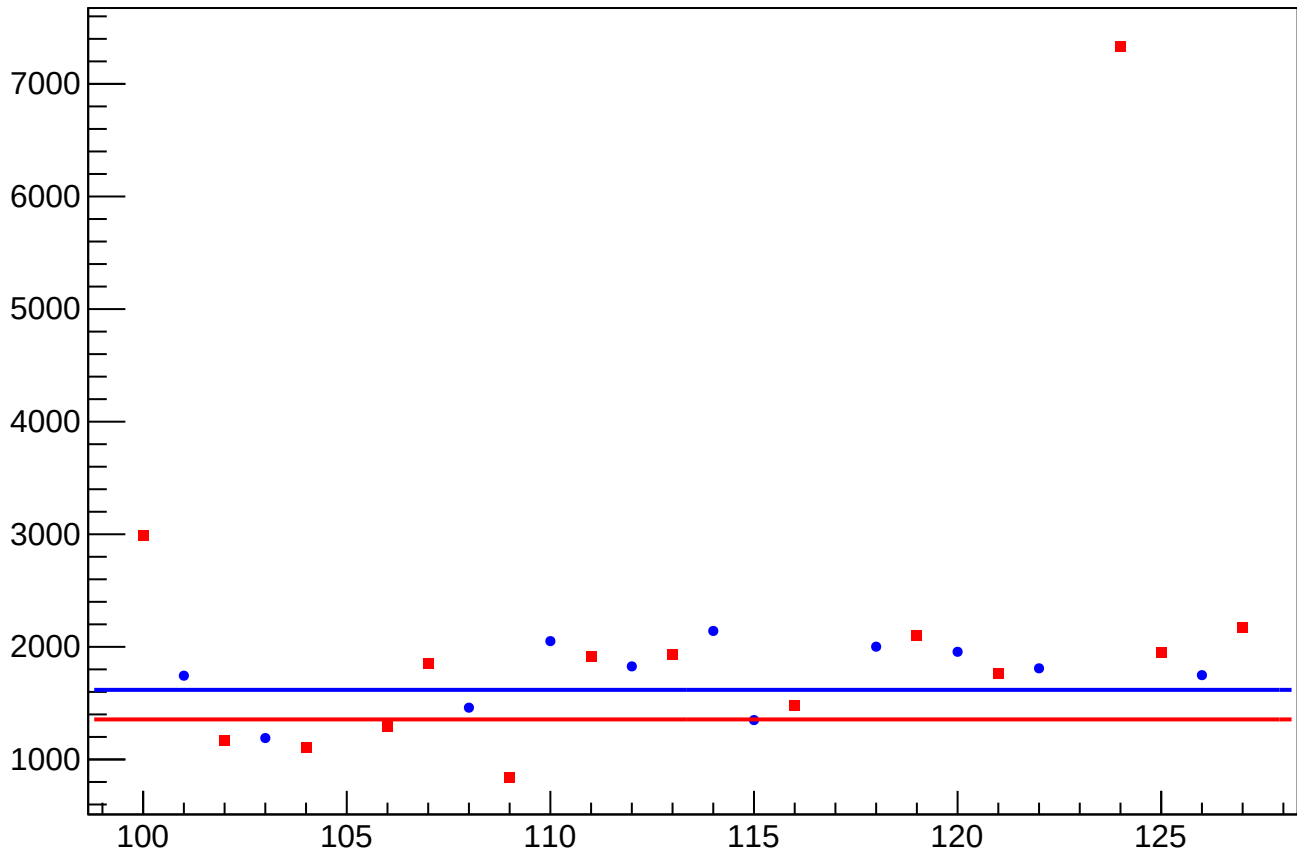
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 731.408 $\pm$ 486.870 χ^2 /NDF: 22.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_eigen_dit_correction_rms vs Slug



Right In: 1618.084+/-0.551 χ^2/NDF : 317847.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1355.542+/-0.441 χ^2/NDF : 1226631.3/13

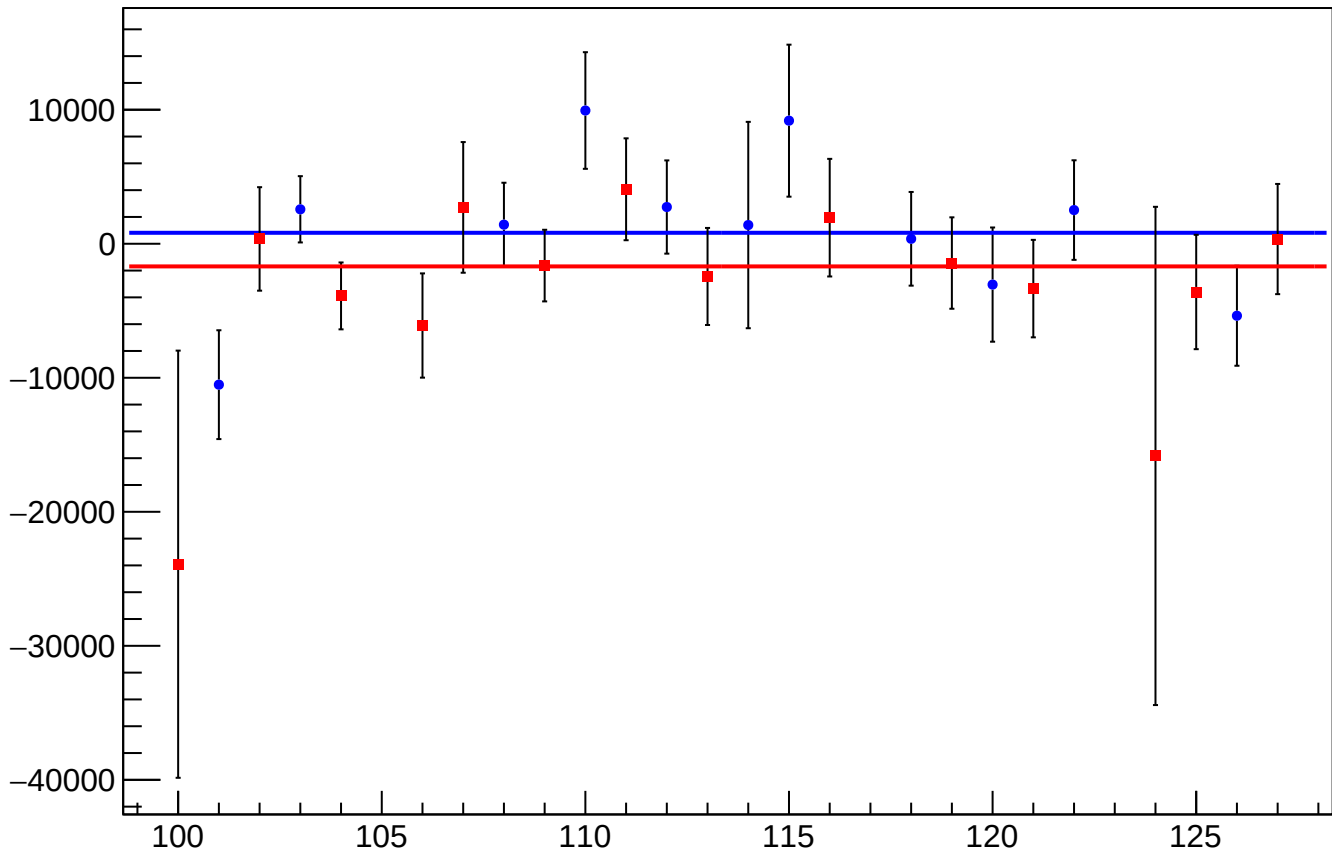
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1458.046+/-0.344 χ^2/NDF : 1682889.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_mean vs Slug



Right In: 818.413+/-1124.338 χ^2/NDF : 19.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1690.047+/-1022.802 χ^2/NDF : 9.4/13

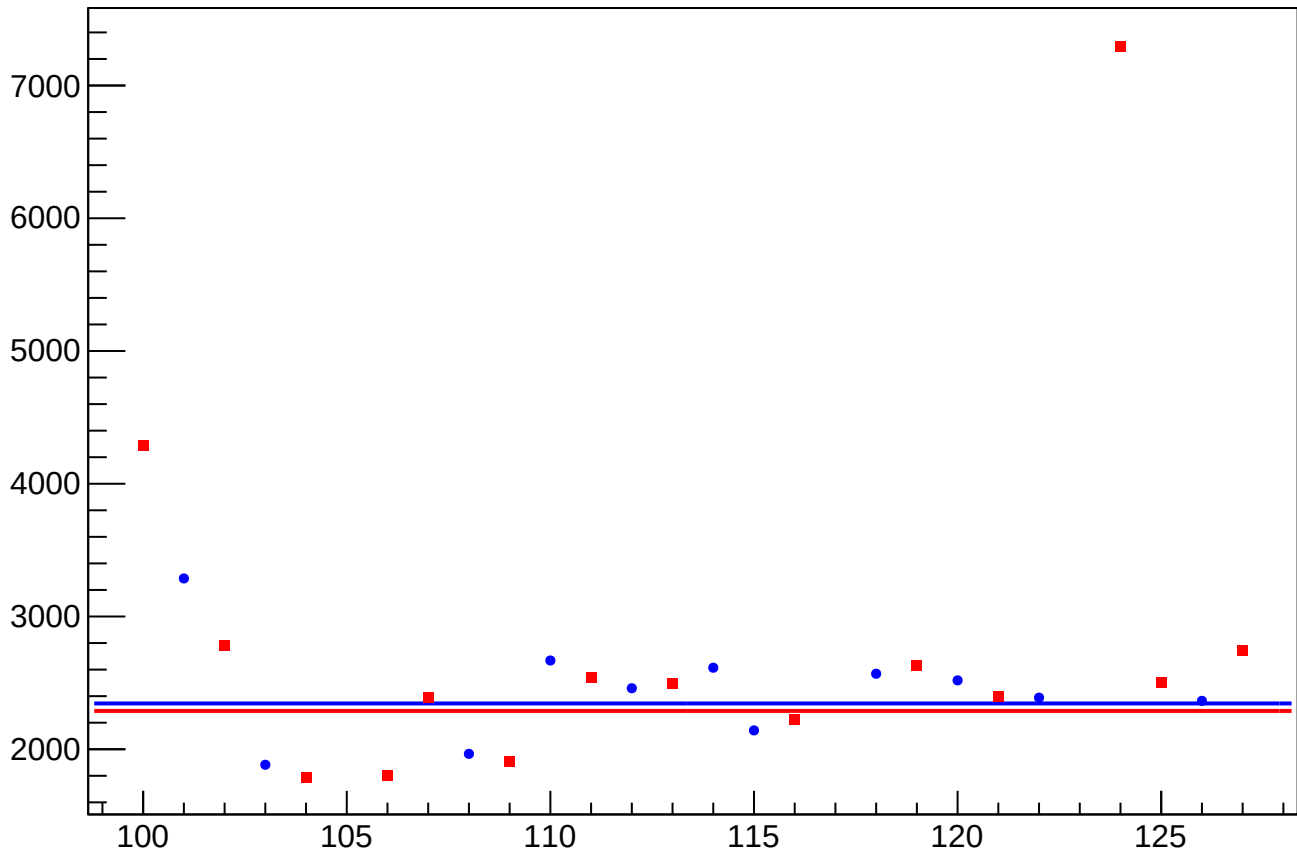
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -554.175+/-756.586 χ^2/NDF : 31.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_rms vs Slug



Right In: 2345.051+/-0.795 χ^2/NDF : 236940.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2288.786+/-0.723 χ^2/NDF : 431109.5/13

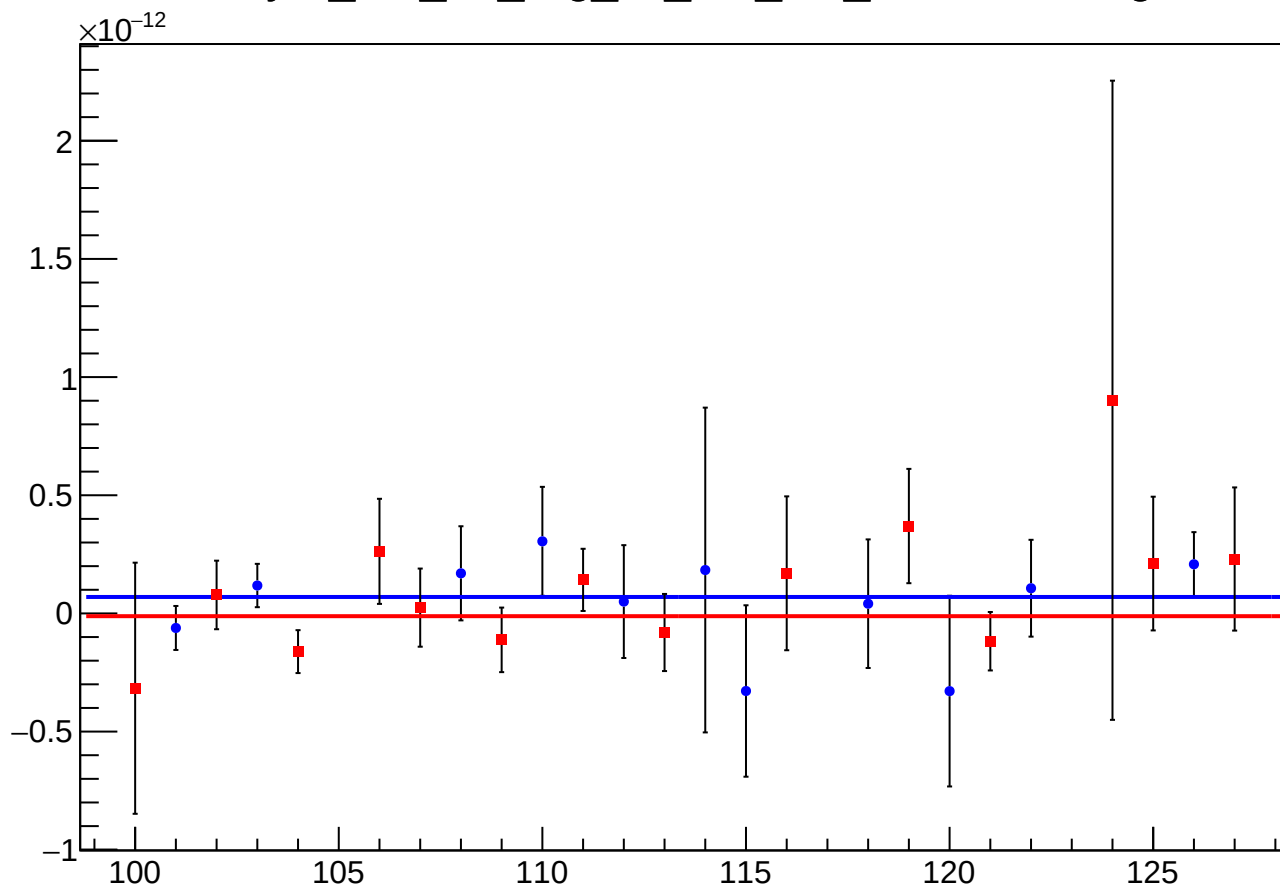
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2314.263+/-0.535 χ^2/NDF : 670791.0/24

- sign 0.000+/-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: 6.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.3/13

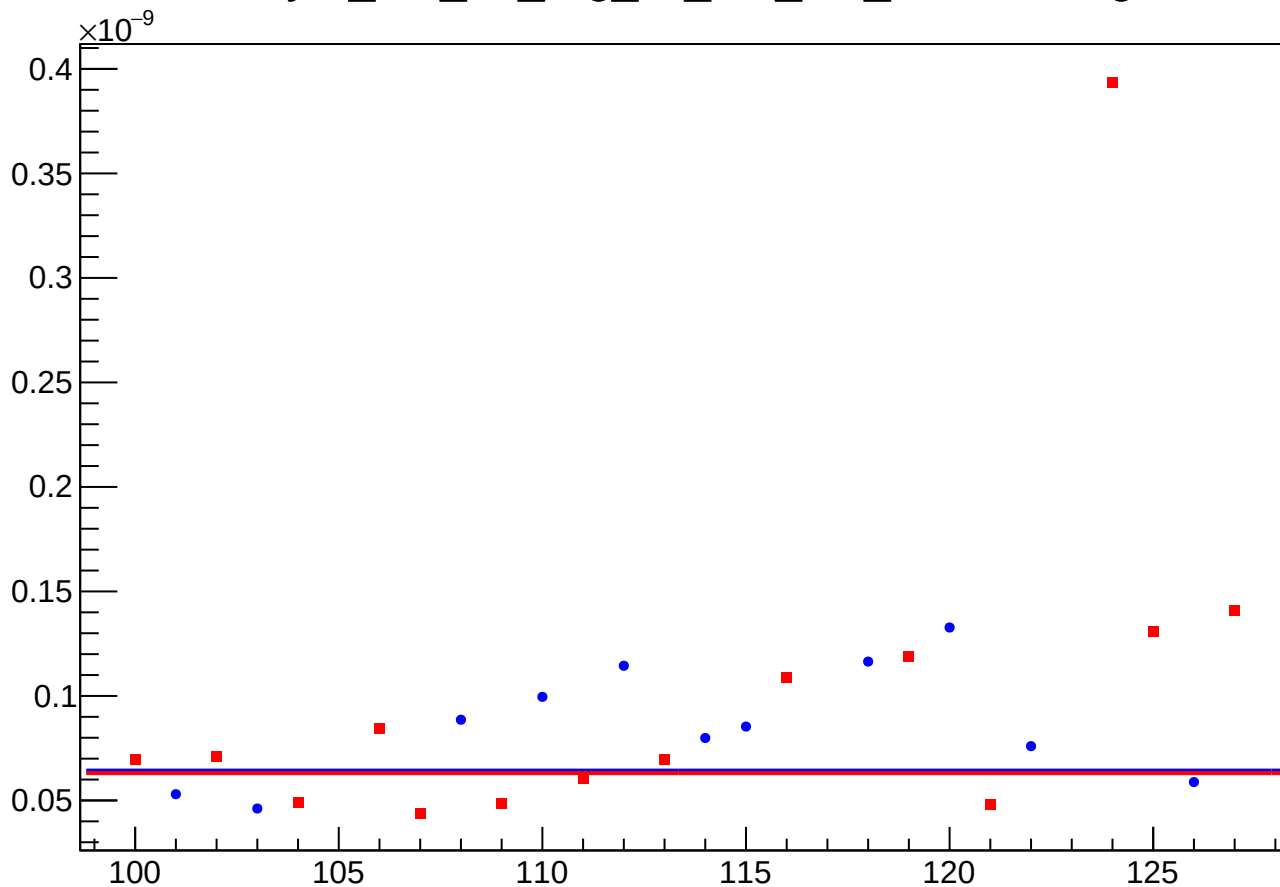
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 20.7/24

- 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 : 421373.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 667599.3/13

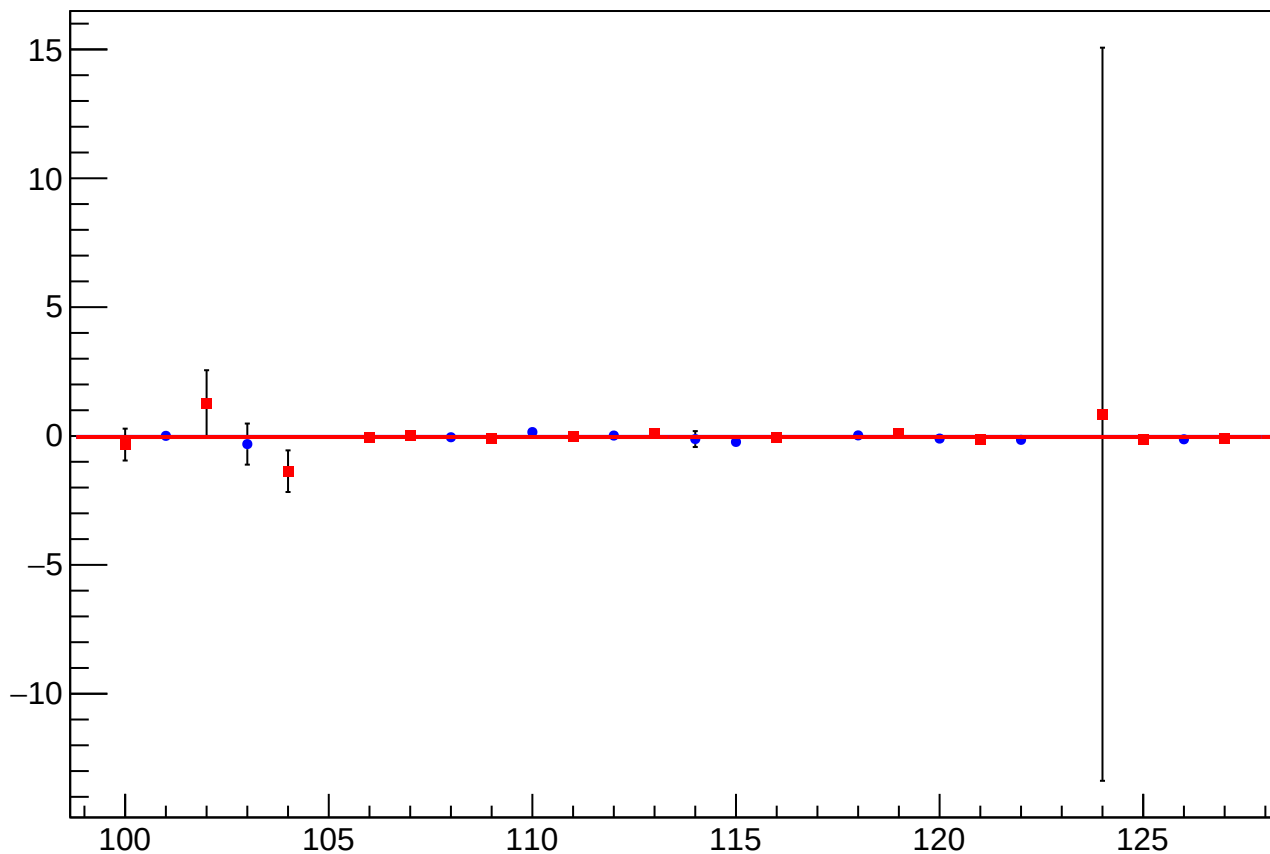
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1089615.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.034 ± 0.036 χ^2/NDF : 5.6/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.039 ± 0.030 χ^2/NDF : 10.5/13

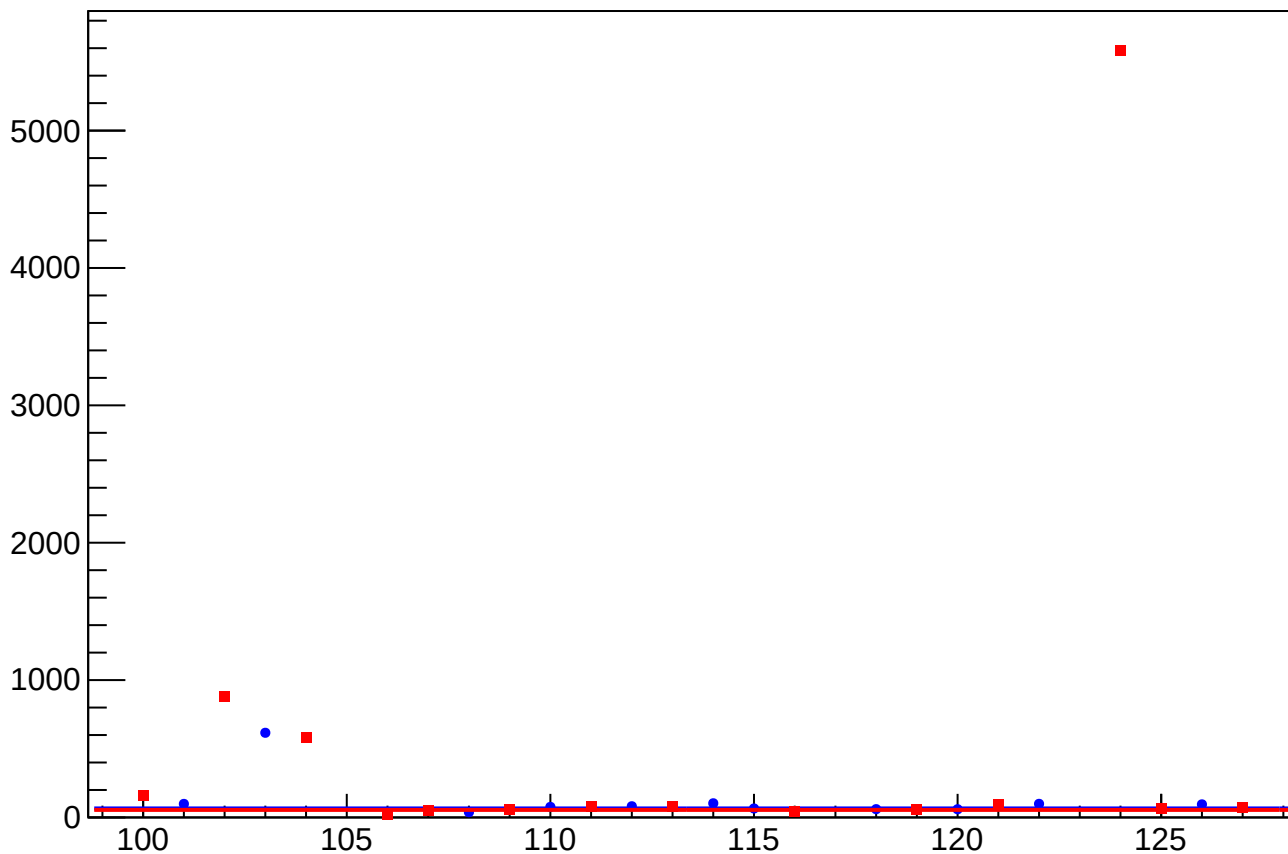
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.037 ± 0.023 χ^2/NDF : 16.1/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 65.598+/-0.025 χ^2 /NDF: 1679875.7/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 55.037+/-0.021 χ^2 /NDF: 2928629.1/13

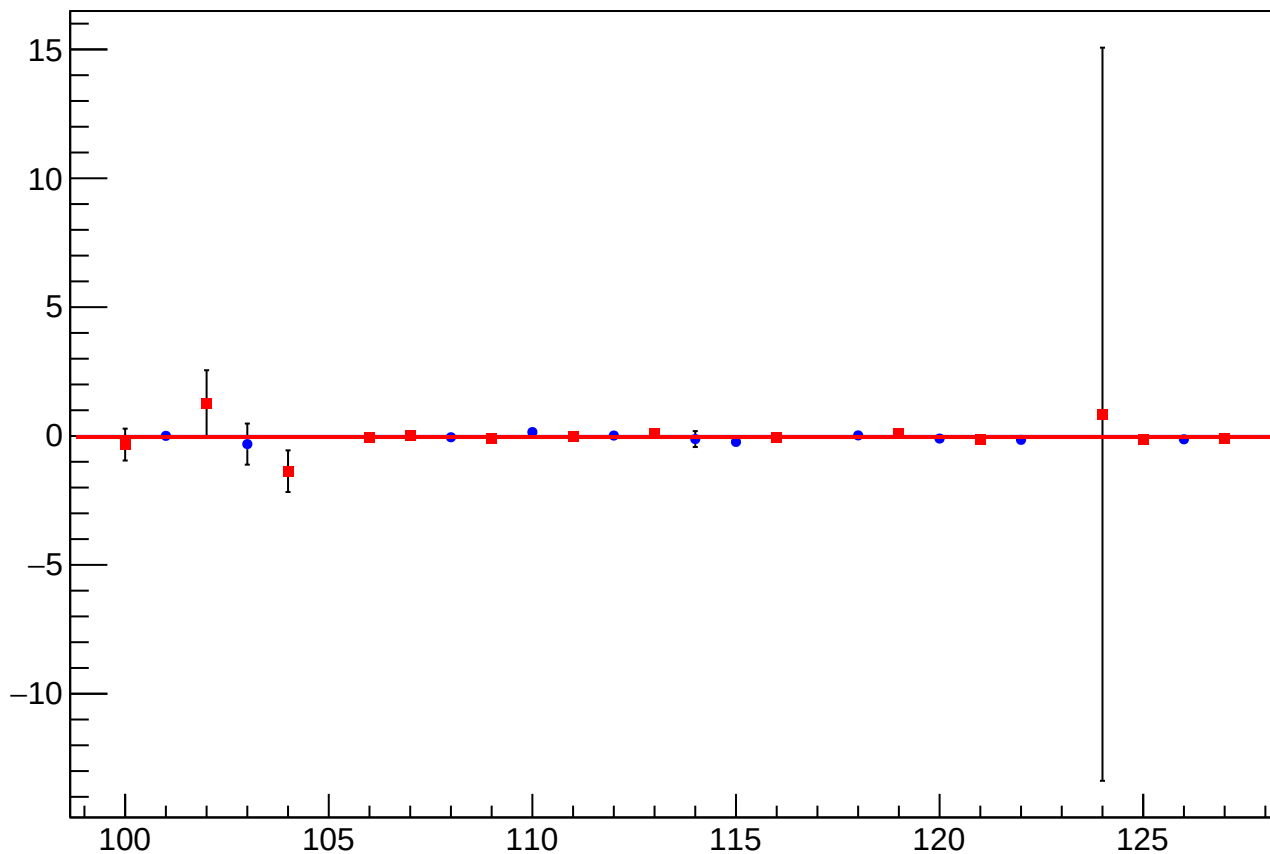
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 59.442+/-0.016 χ^2 /NDF: 4709834.6/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.034 $\pm$ 0.036 χ^2 /NDF: 5.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.039 $\pm$ 0.030 χ^2 /NDF: 10.5/13

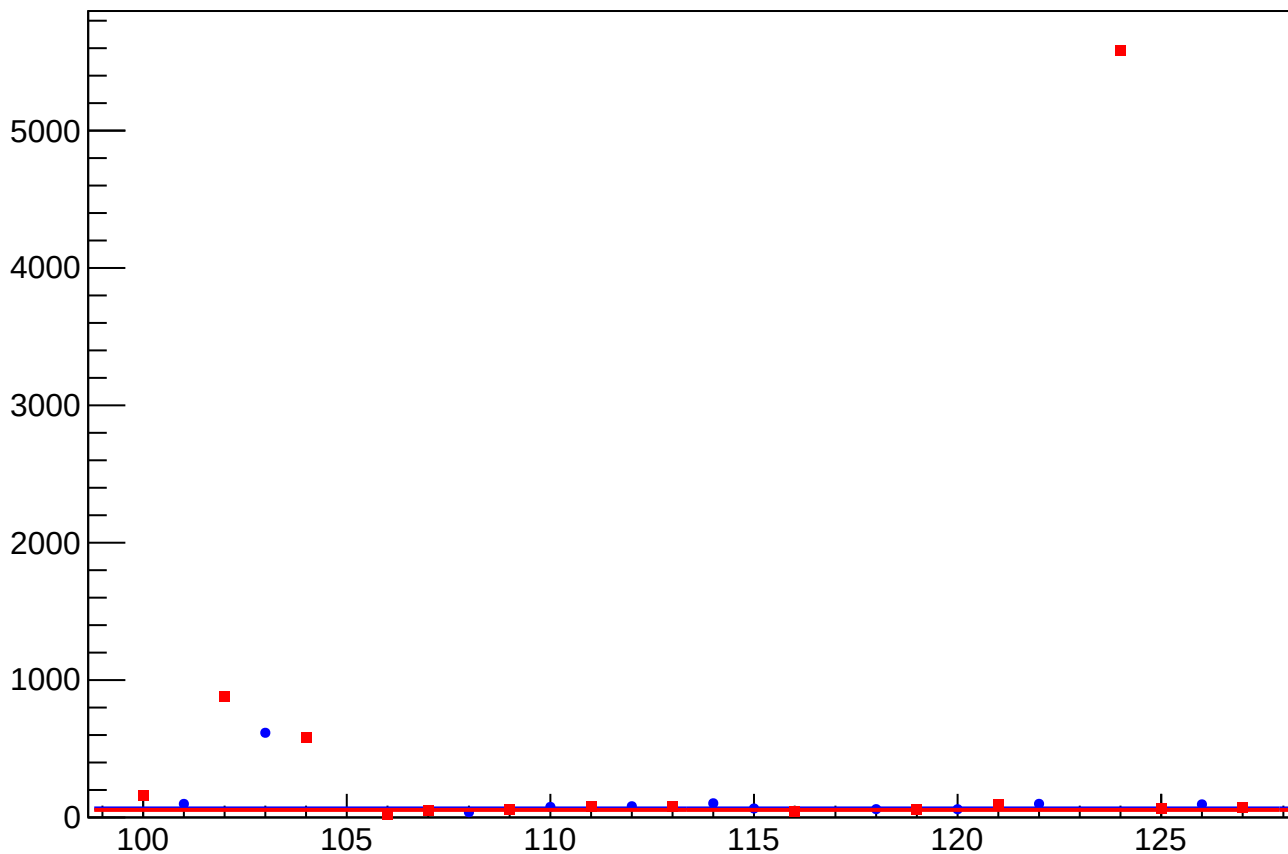
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.037 $\pm$ 0.023 χ^2 /NDF: 16.1/24

- 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: 65.598+/-0.025 χ^2/NDF : 1679875.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.037+/-0.021 χ^2/NDF : 2928629.1/13

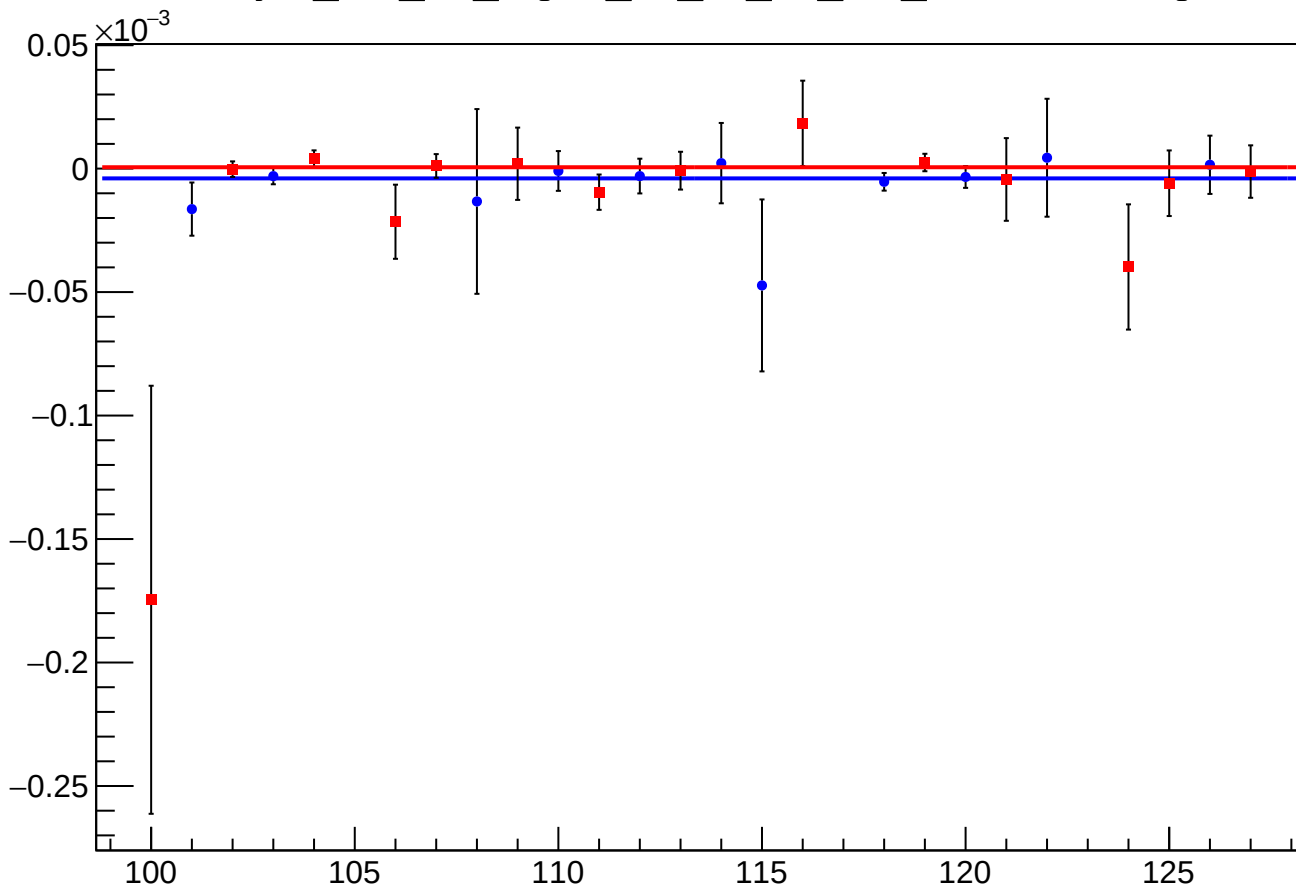
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.442+/-0.016 χ^2/NDF : 4709834.6/24

- sign 0.000+/-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 : 3.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 13.7/13

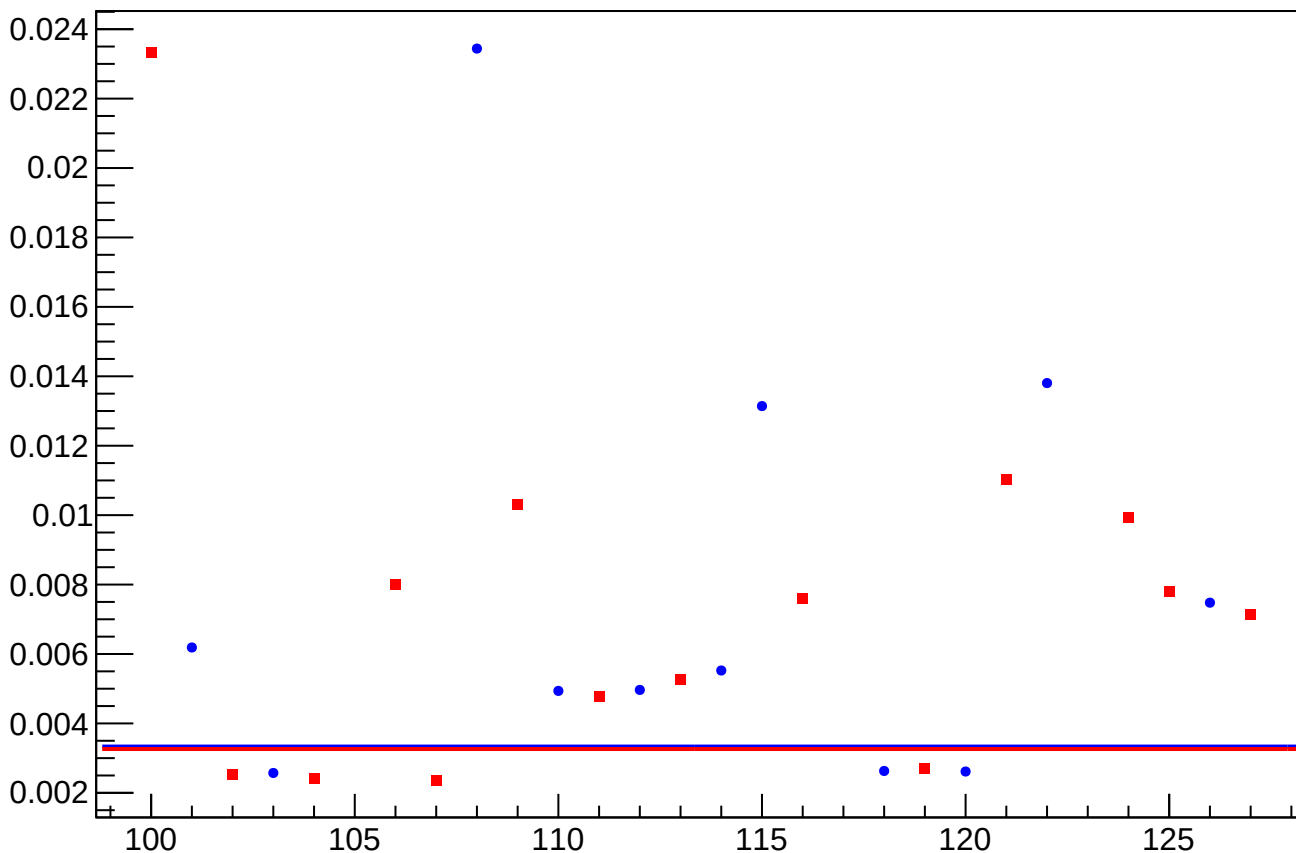
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 20.8/24

- 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 : 1968280.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2550887.4/13

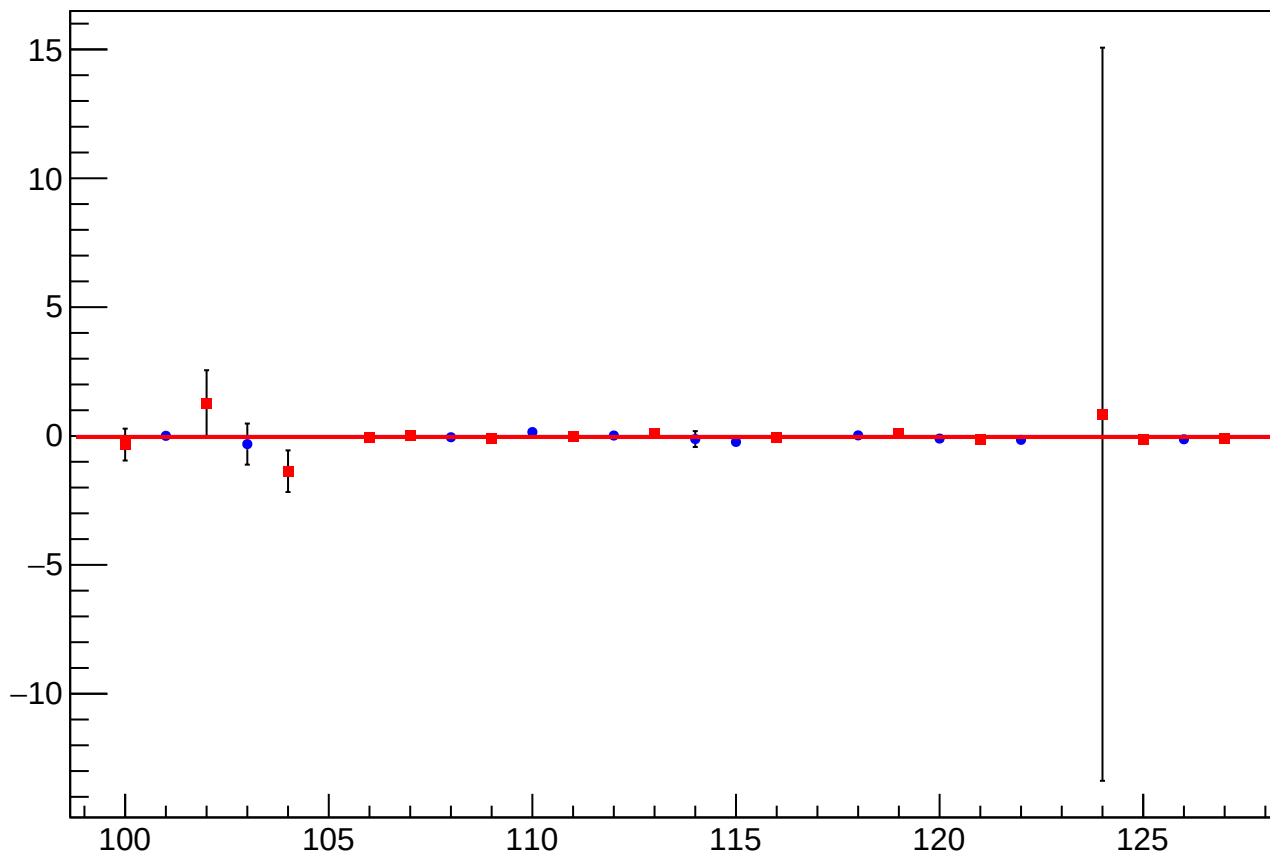
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 4520785.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.034 ± 0.036 χ^2/NDF : 5.6/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.039 ± 0.030 χ^2/NDF : 10.5/13

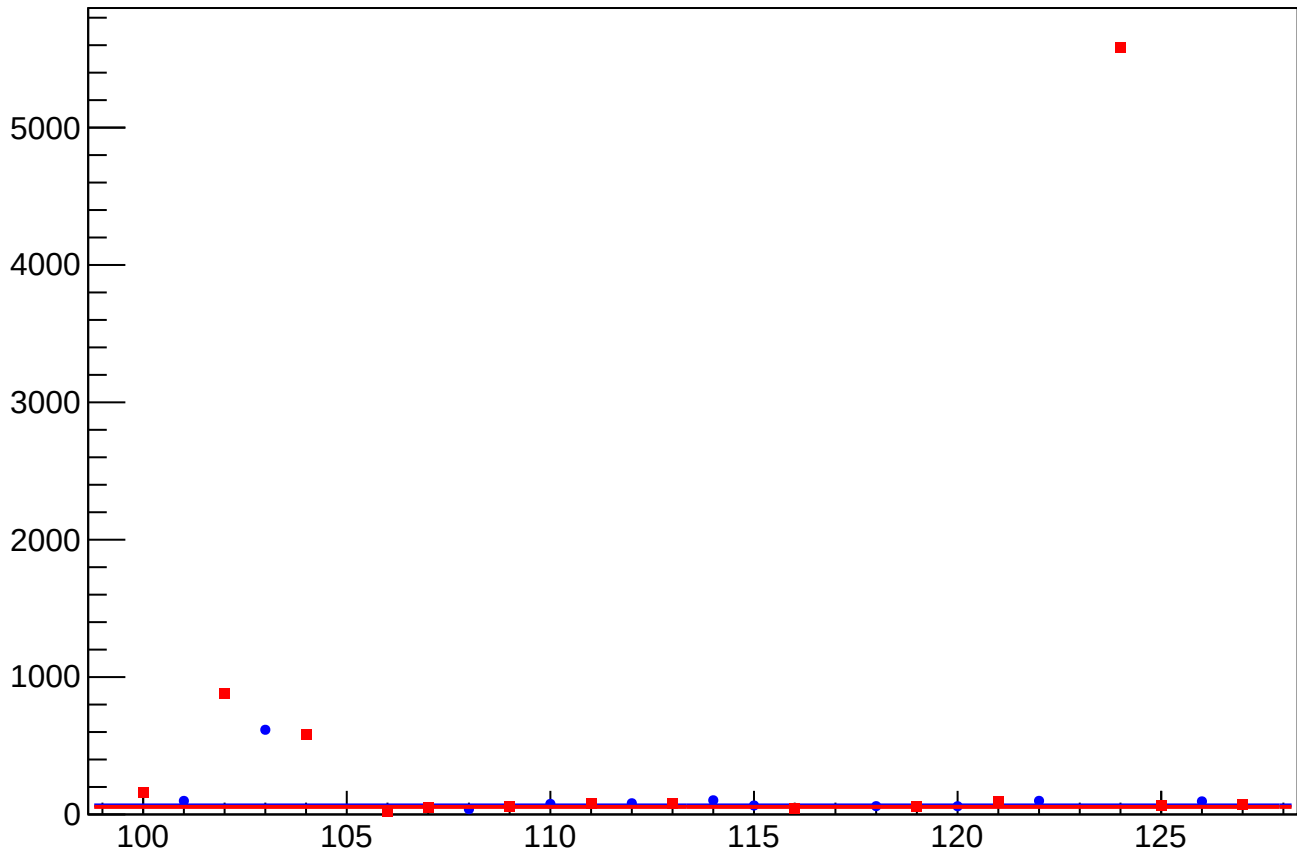
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.037 ± 0.023 χ^2/NDF : 16.1/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 65.610+/-0.025 χ^2/NDF : 1679159.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.031+/-0.021 χ^2/NDF : 2929135.2/13

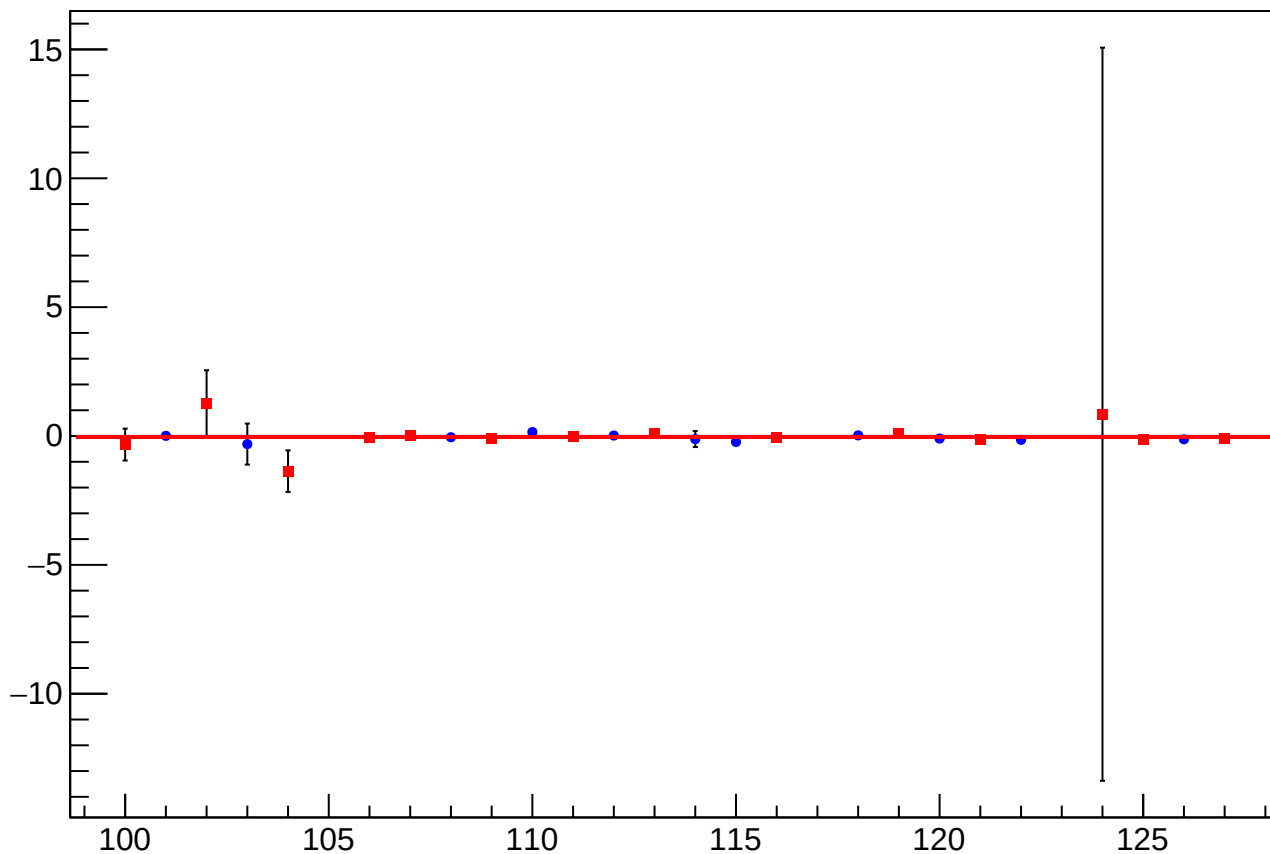
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.442+/-0.016 χ^2/NDF : 4709965.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.034 ± 0.036 χ^2/NDF : 5.6/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.039 ± 0.030 χ^2/NDF : 10.5/13

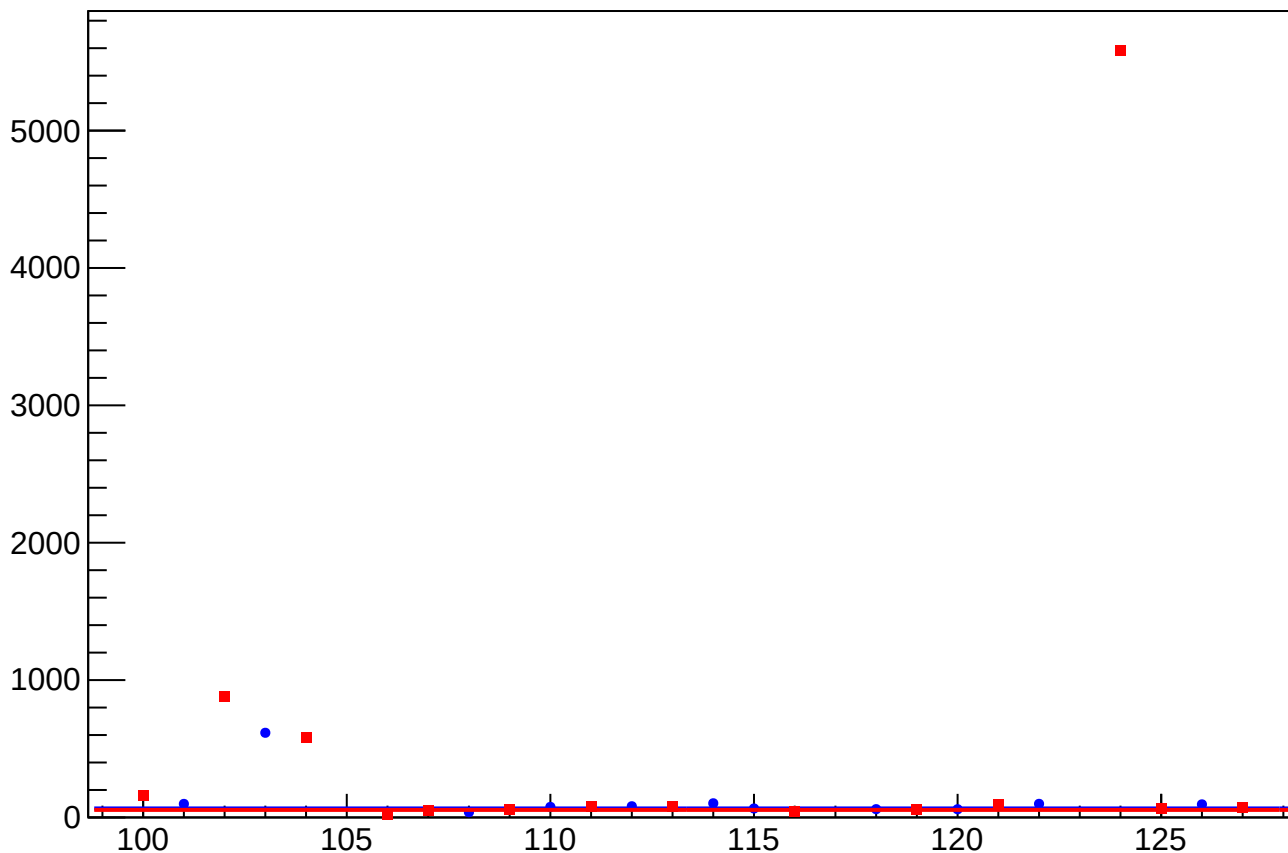
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.037 ± 0.023 χ^2/NDF : 16.1/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 65.610 $\pm$ 0.025 χ^2 /NDF: 1679159.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 55.031 $\pm$ 0.021 χ^2 /NDF: 2929135.2/13

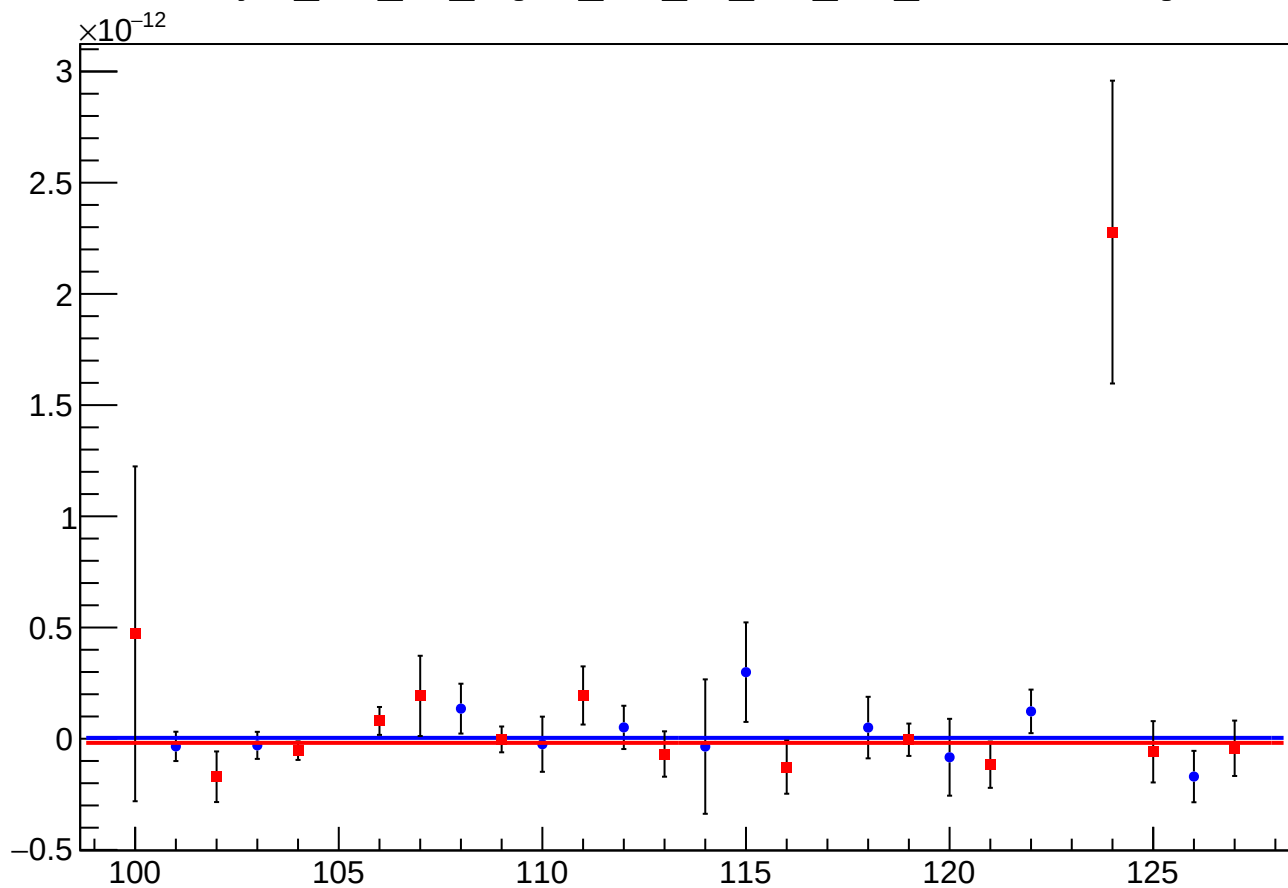
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 59.442 $\pm$ 0.016 χ^2 /NDF: 4709965.7/24

- 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 : 8.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 23.0/13

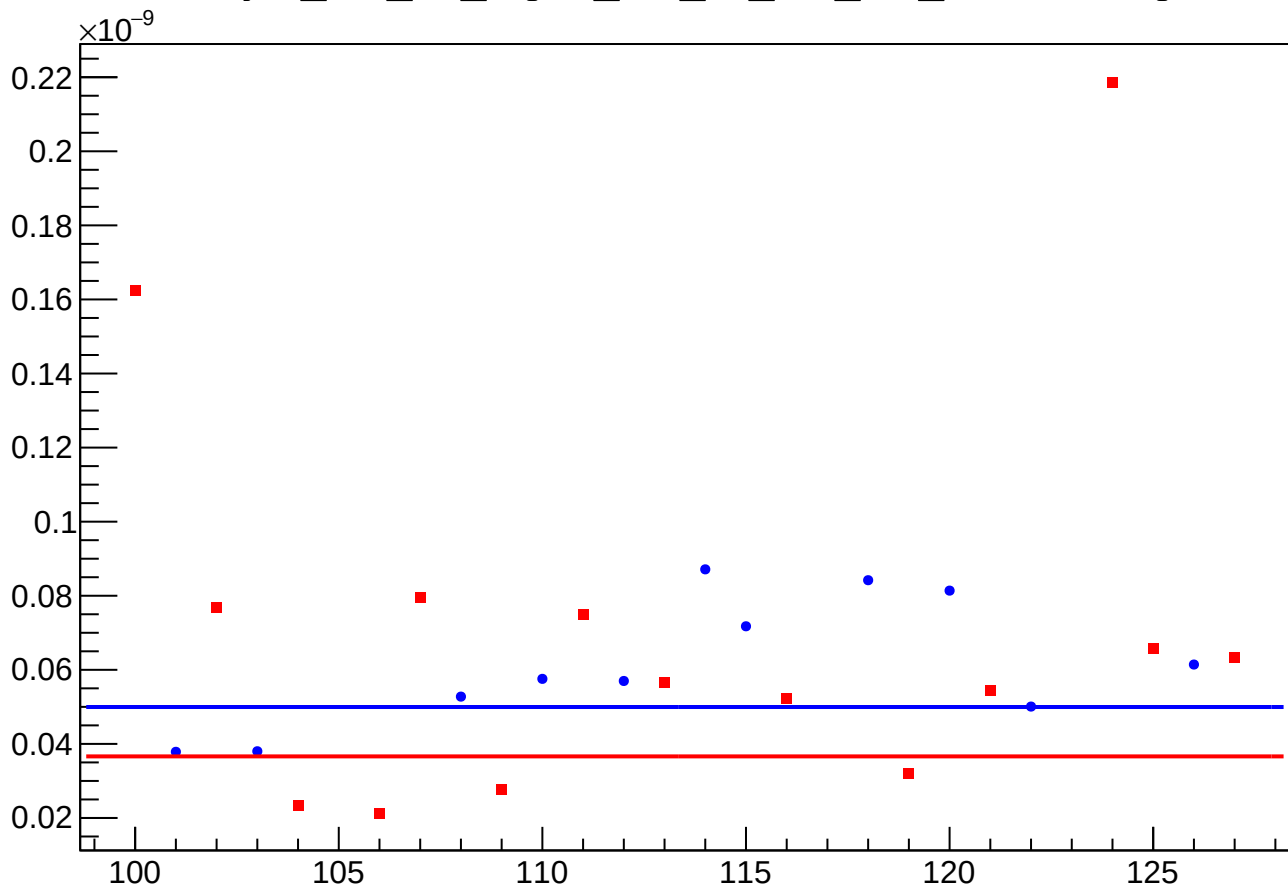
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.5/24

- 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 : 421358.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1465172.8/13

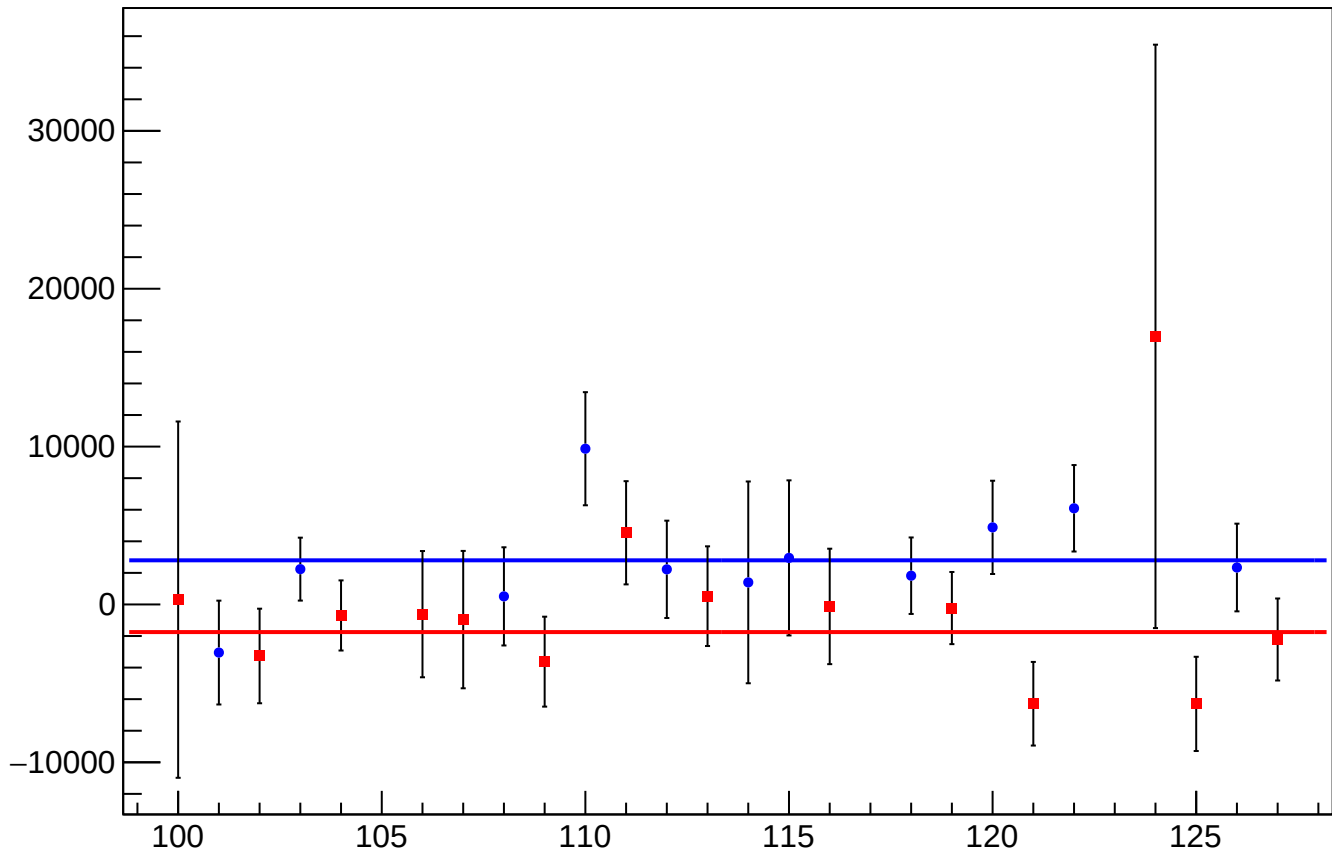
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2124718.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_avg_mean vs Slug



Right In: 2795.360+/-896.434 χ^2/NDF : 9.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1750.214+/-837.240 χ^2/NDF : 12.2/13

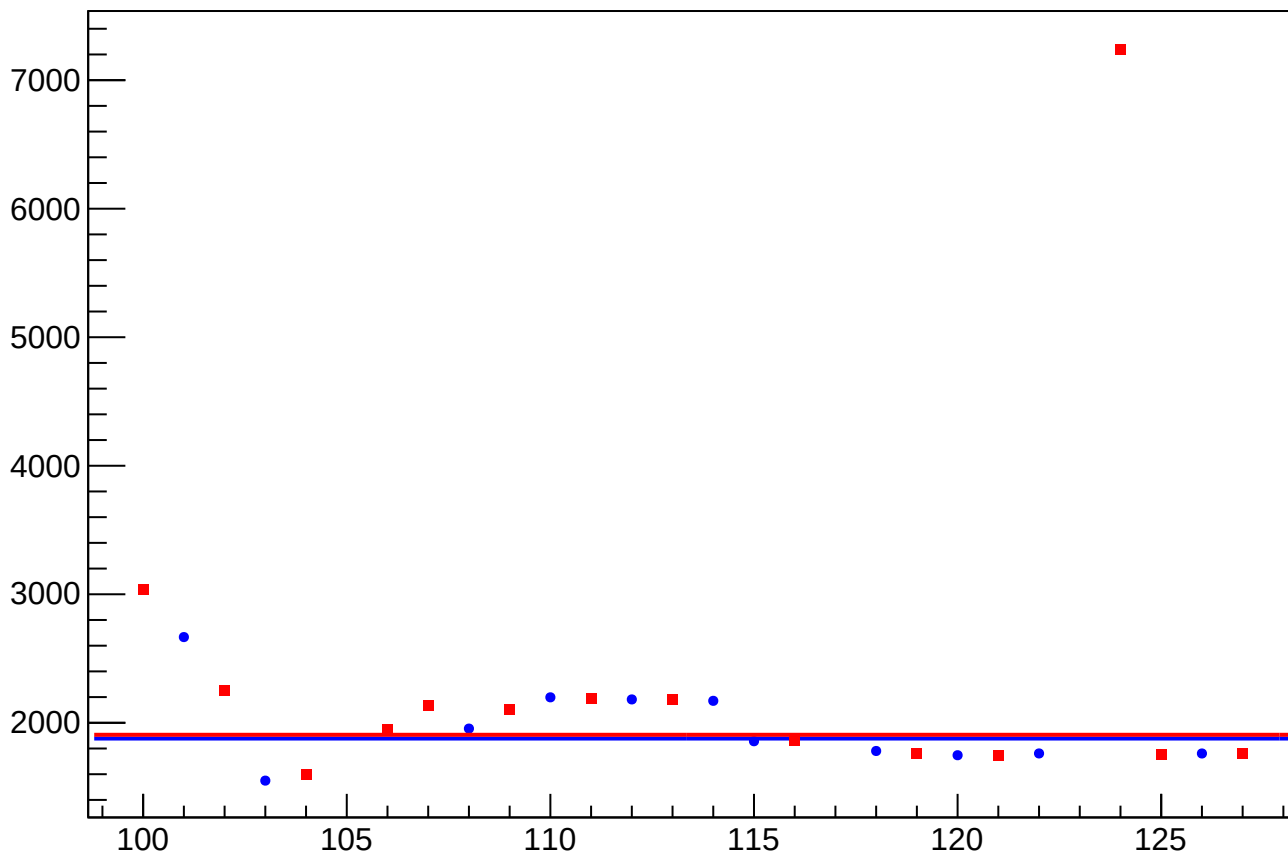
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 367.553+/-611.875 χ^2/NDF : 35.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_avg_rms vs Slug



Right In: 1877.544+/-0.634 χ^2/NDF : 224298.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1906.754+/-0.590 χ^2/NDF : 323527.6/13

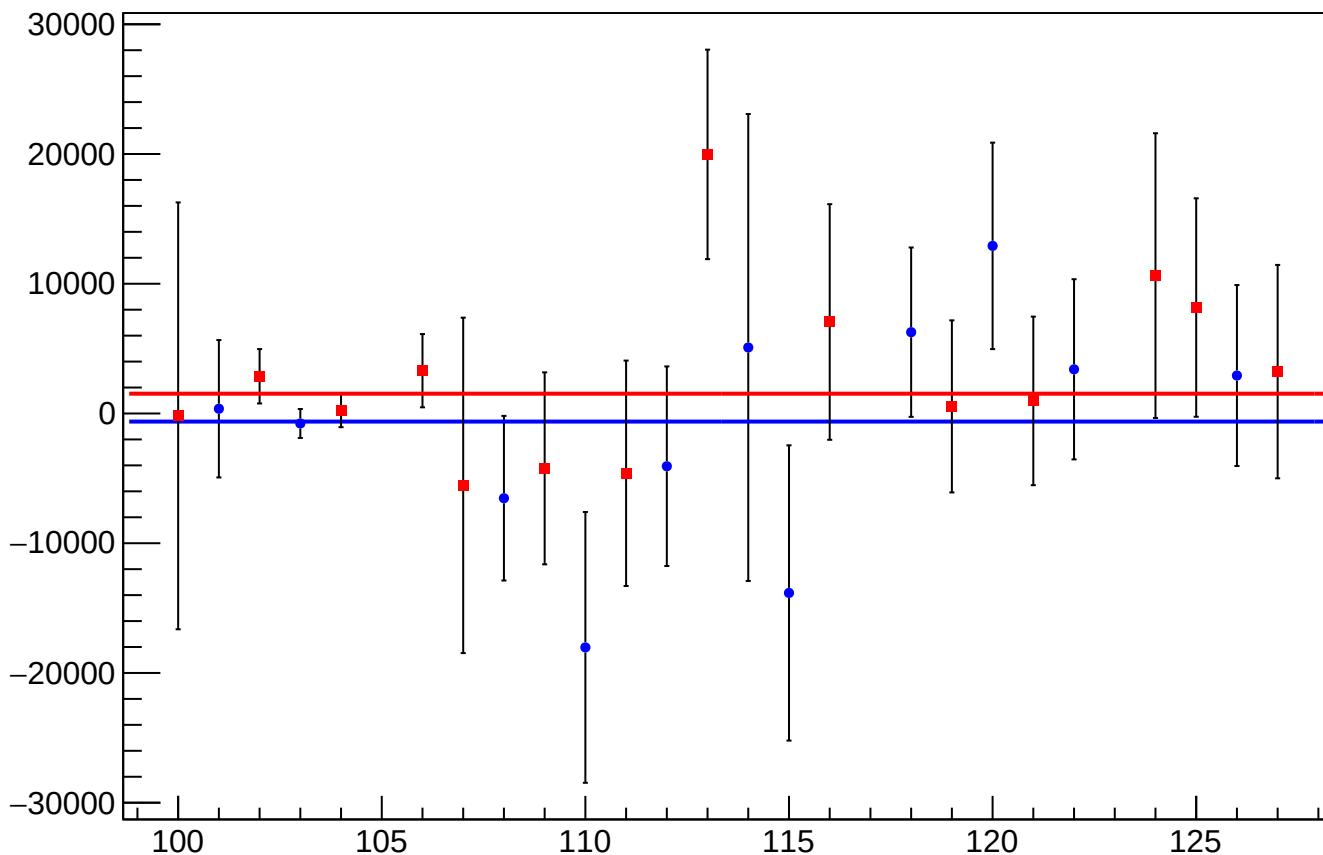
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1893.192+/-0.432 χ^2/NDF : 548963.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_reg_correction_mean vs Slug



Right In: -623.608 $\pm$ 1008.497 χ^2 /NDF: 10.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1525.364 $\pm$ 944.931 χ^2 /NDF: 10.2/13

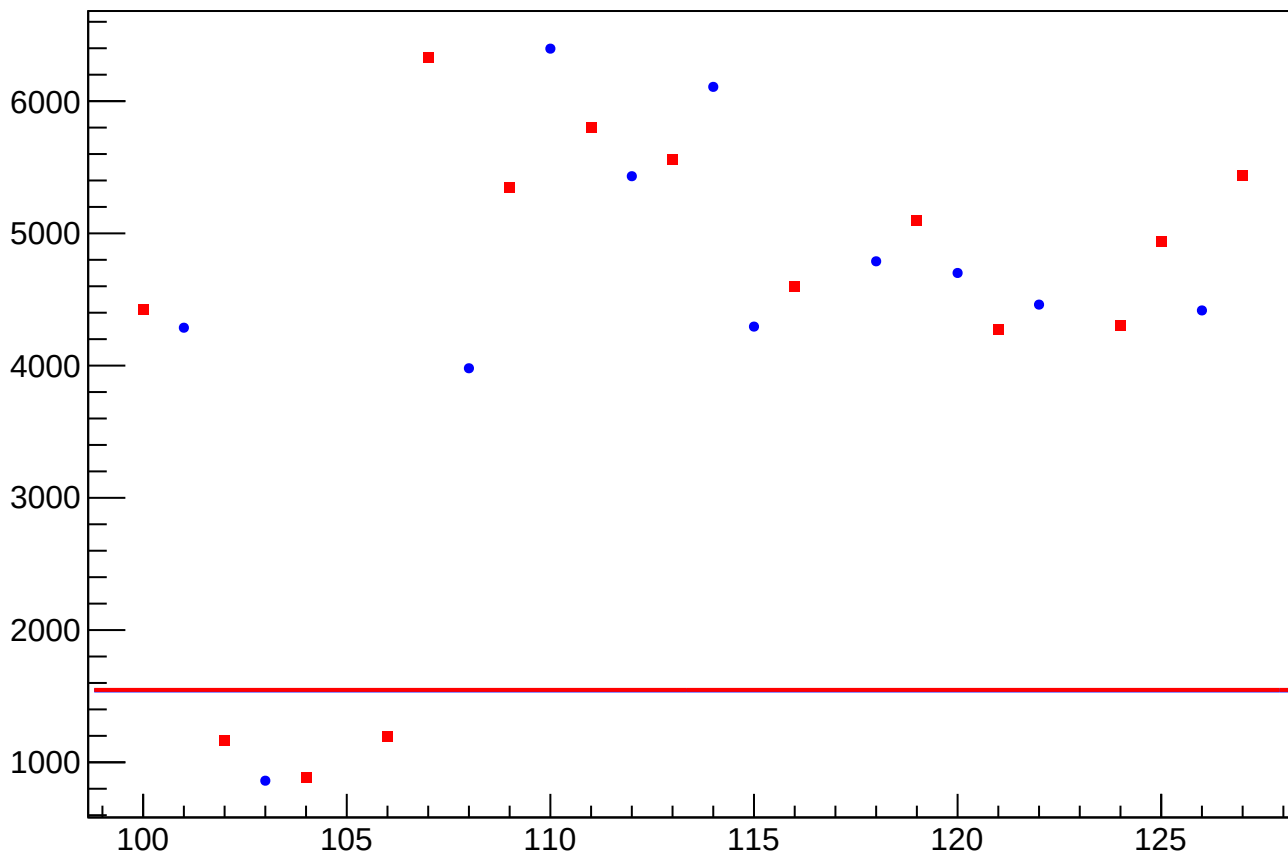
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 520.733 $\pm$ 689.545 χ^2 /NDF: 22.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_reg_correction_rms vs Slug



Right In: 1543.491+/-0.713 χ^2/NDF : 4273691.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1547.513+/-0.668 χ^2/NDF : 4523025.7/13

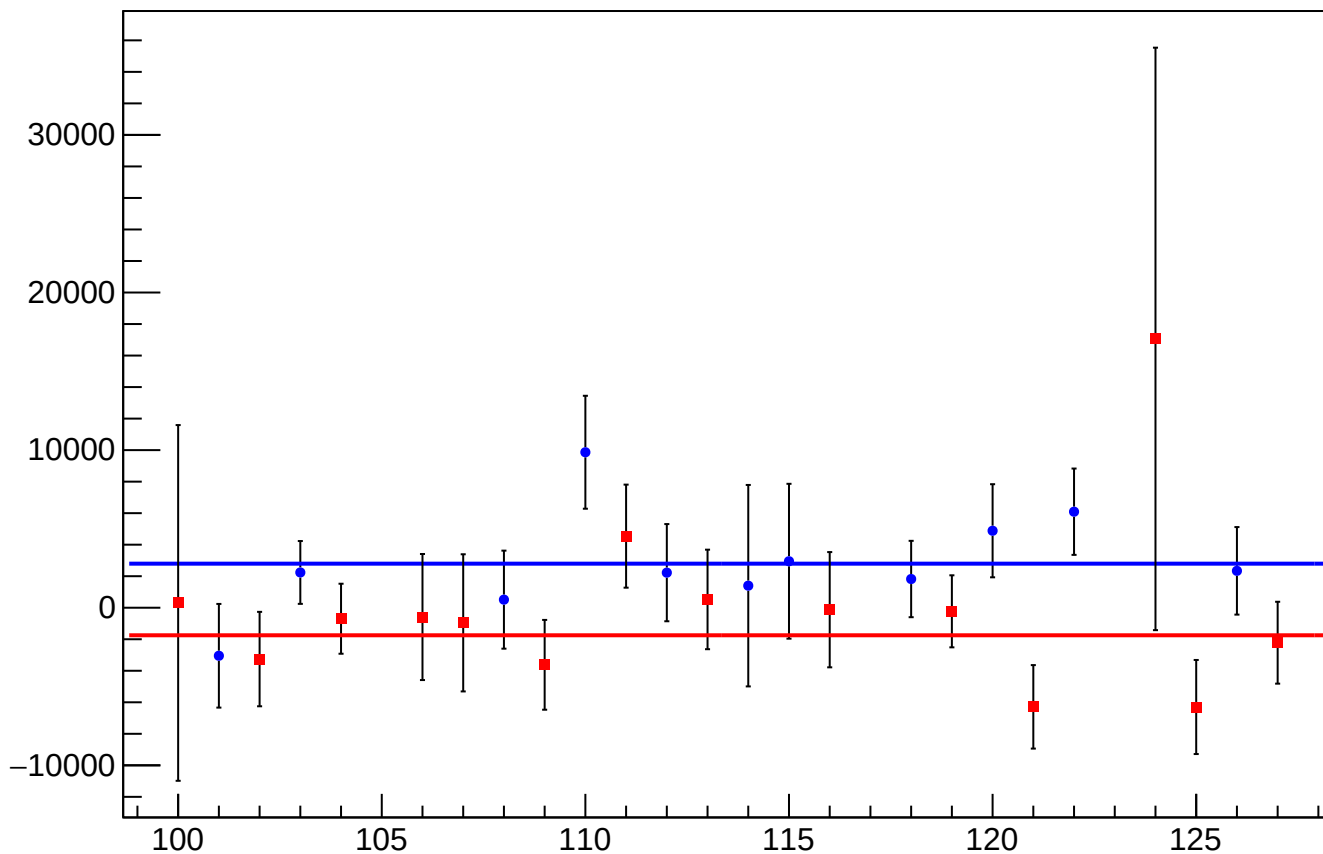
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1545.633+/-0.488 χ^2/NDF : 8796734.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1r2_avg_mean vs Slug



Right In: 2795.568 $\pm$ 896.434 χ^2 /NDF: 9.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1748.310 $\pm$ 837.242 χ^2 /NDF: 12.3/13

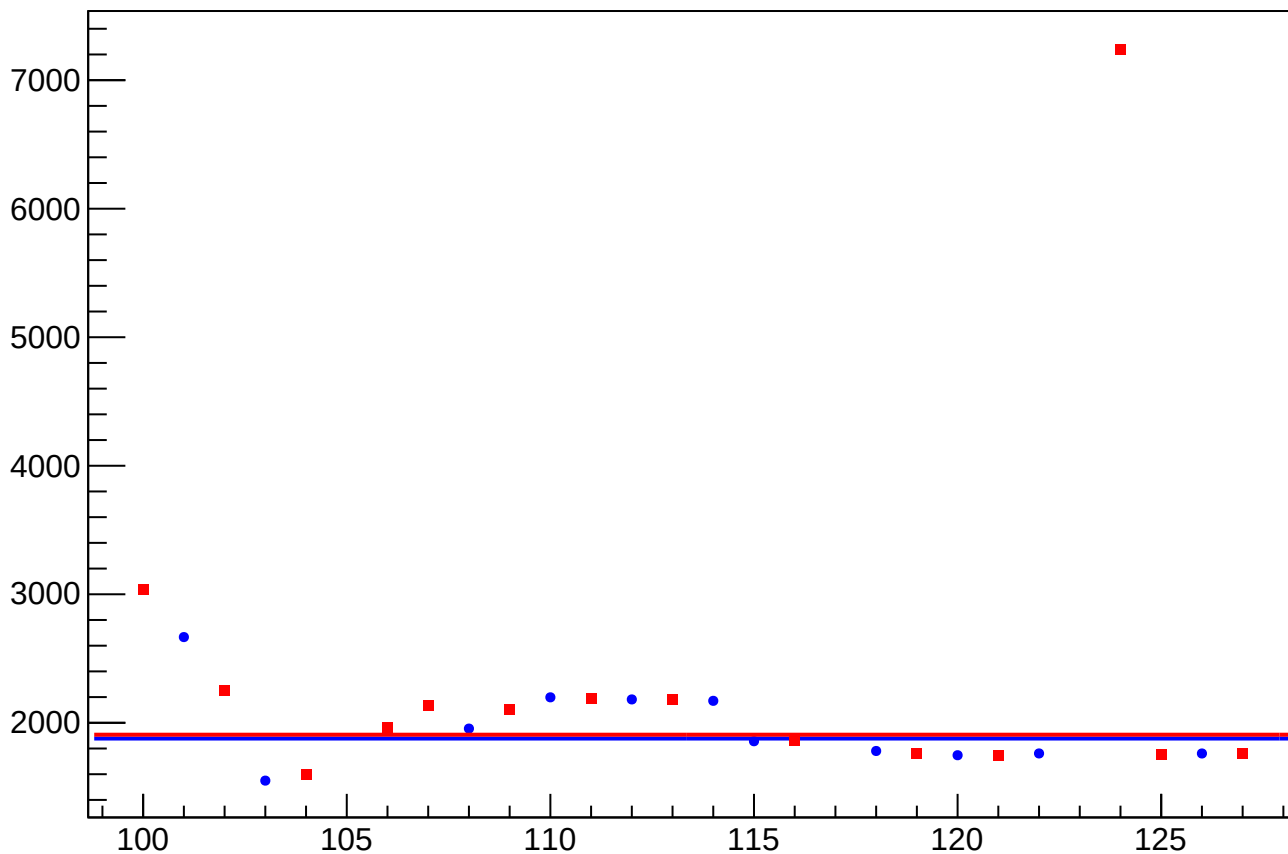
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 368.671 $\pm$ 611.876 χ^2 /NDF: 35.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl1r2_avg_rms vs Slug



Right In: 1877.544+/-0.634 χ^2/NDF : 224298.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1907.405+/-0.590 χ^2/NDF : 323712.1/13

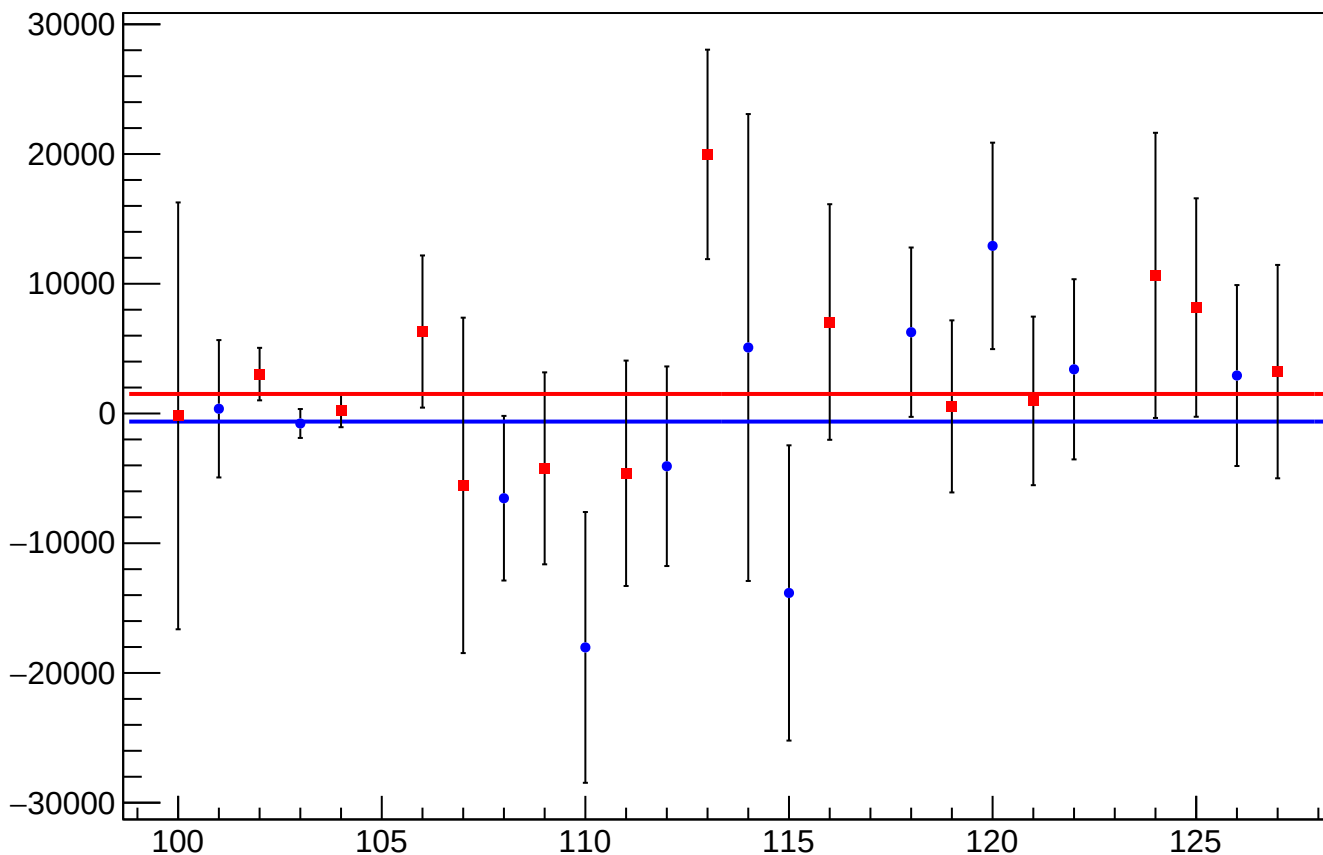
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1893.537+/-0.432 χ^2/NDF : 549198.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_cor_correction_mean vs Slug



Right In: -623.100+/-1008.436 χ^2/NDF : 10.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1505.660+/-980.452 χ^2/NDF : 10.7/13

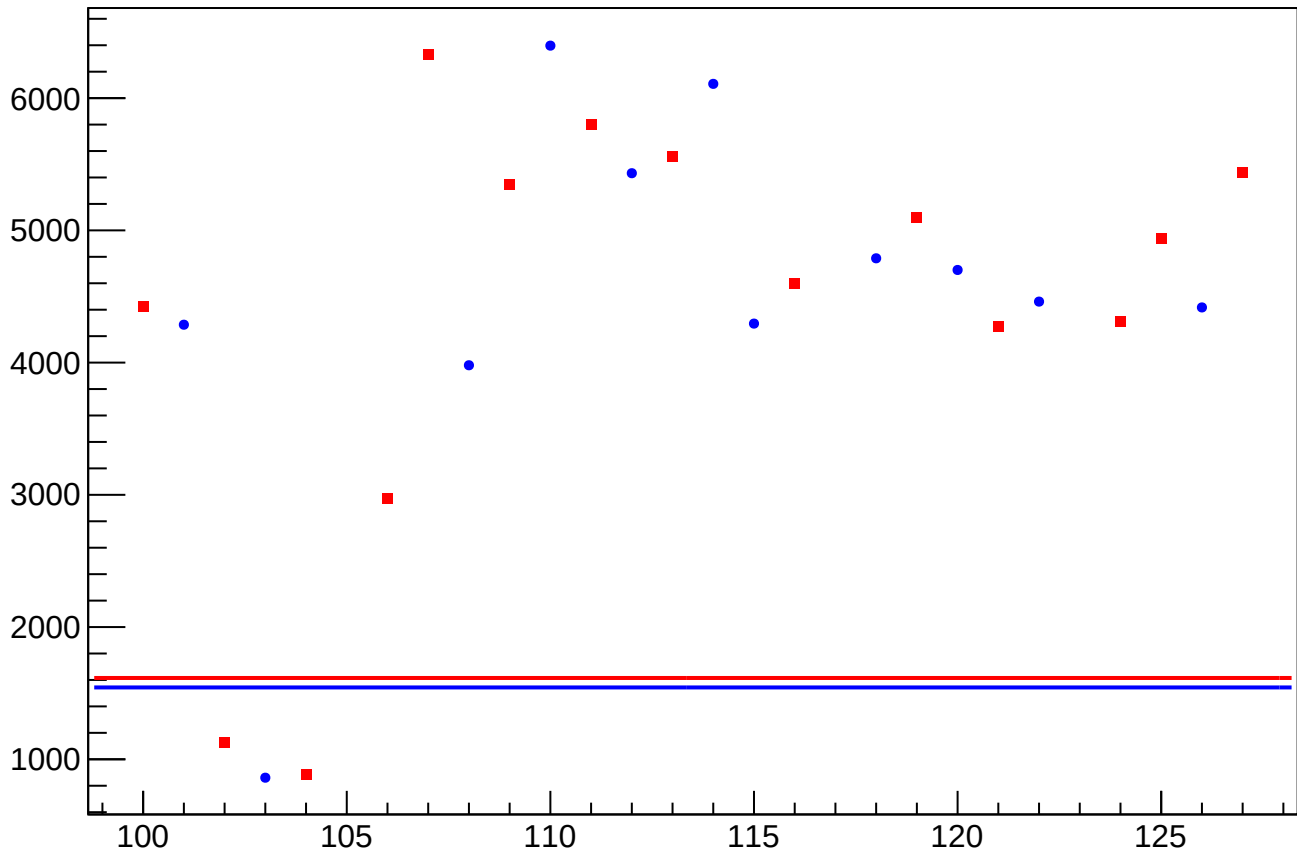
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 471.226+/-702.969 χ^2/NDF : 22.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_cor_correction_rms vs Slug



Right In: 1543.362+/-0.713 χ^2/NDF : 4273926.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1614.955+/-0.693 χ^2/NDF : 4619277.6/13

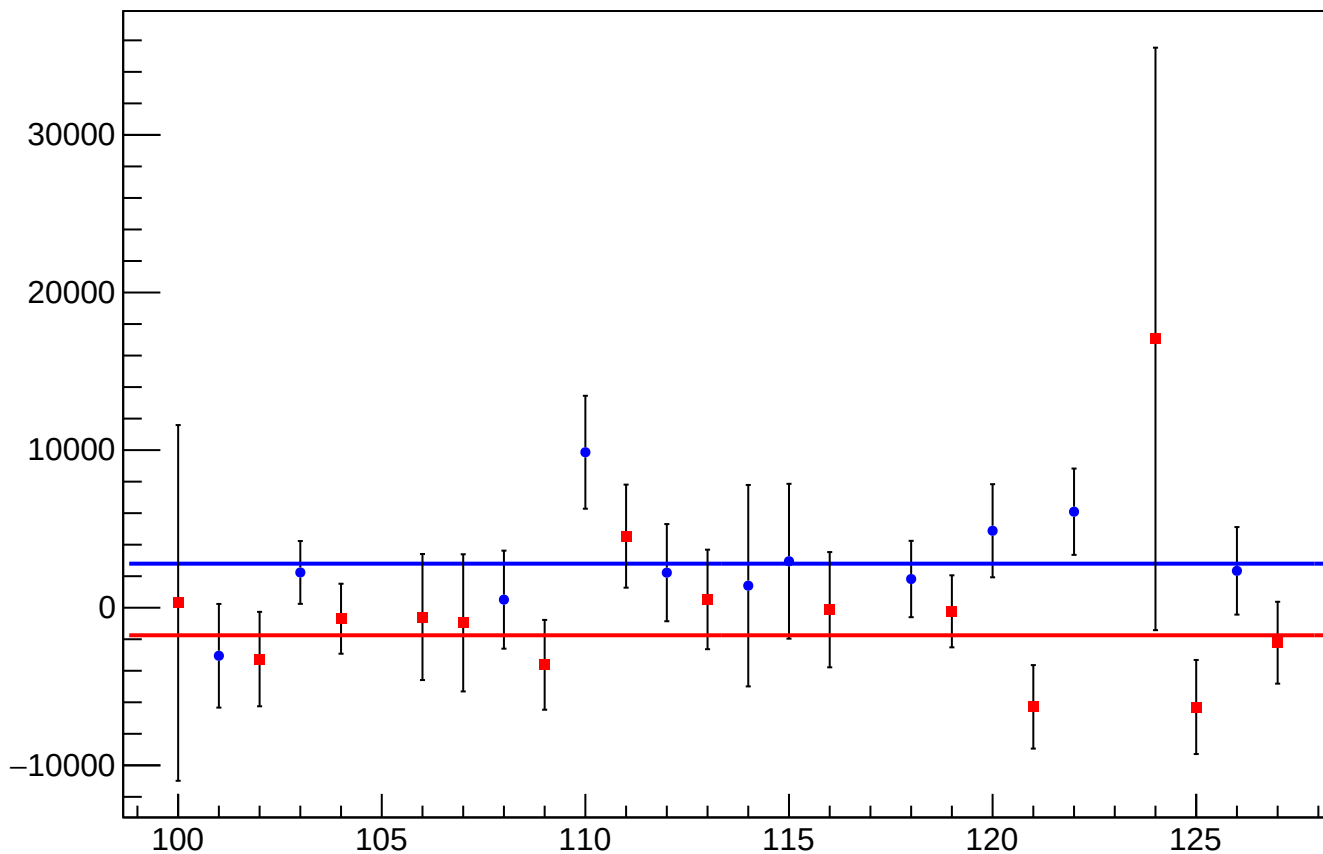
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1580.165+/-0.497 χ^2/NDF : 8898386.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1r2_avg_mean vs Slug



Right In: 2795.568 $\pm$ 896.434 χ^2 /NDF: 9.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1748.310 $\pm$ 837.242 χ^2 /NDF: 12.3/13

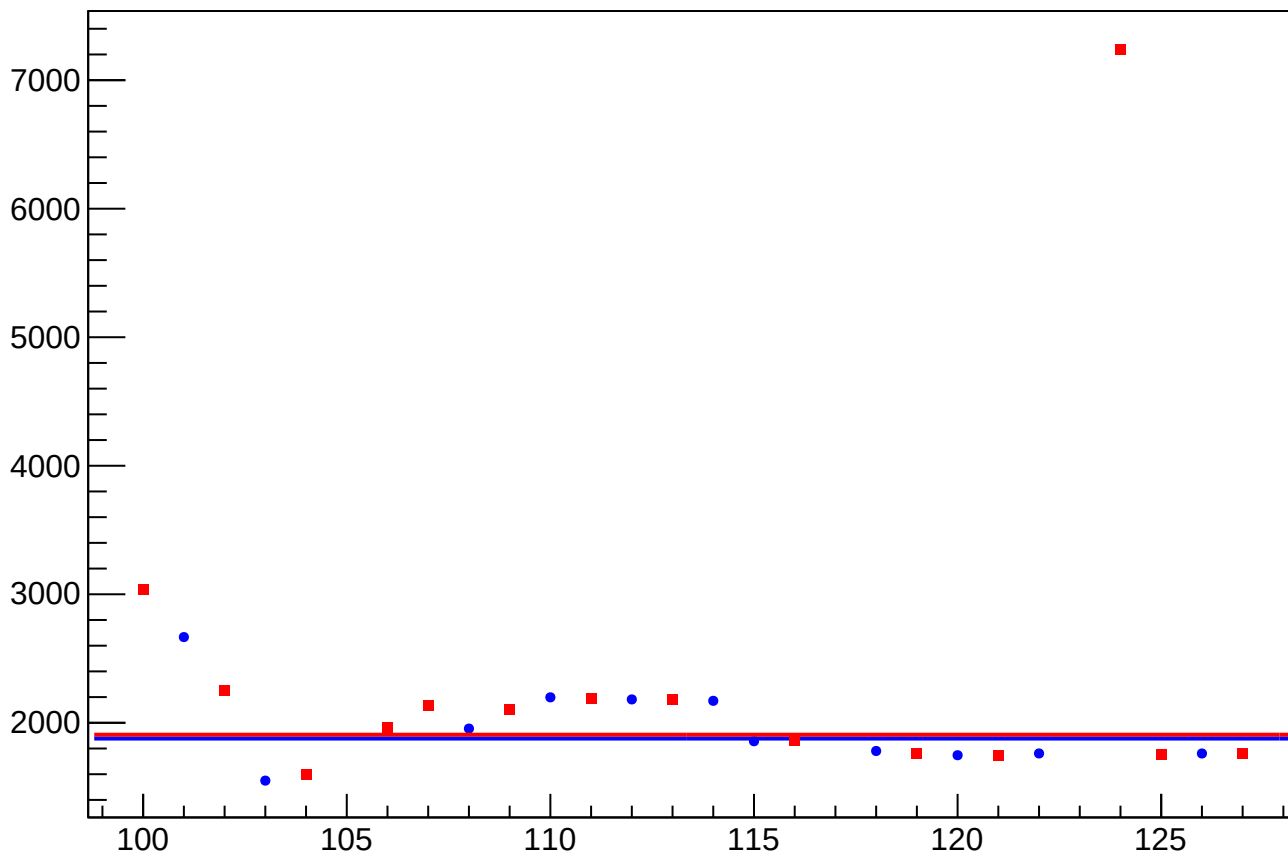
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 368.671 $\pm$ 611.876 χ^2 /NDF: 35.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl1r2_avg_rms vs Slug



Right In: 1877.544+/-0.634 χ^2/NDF : 224298.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1907.405+/-0.590 χ^2/NDF : 323712.1/13

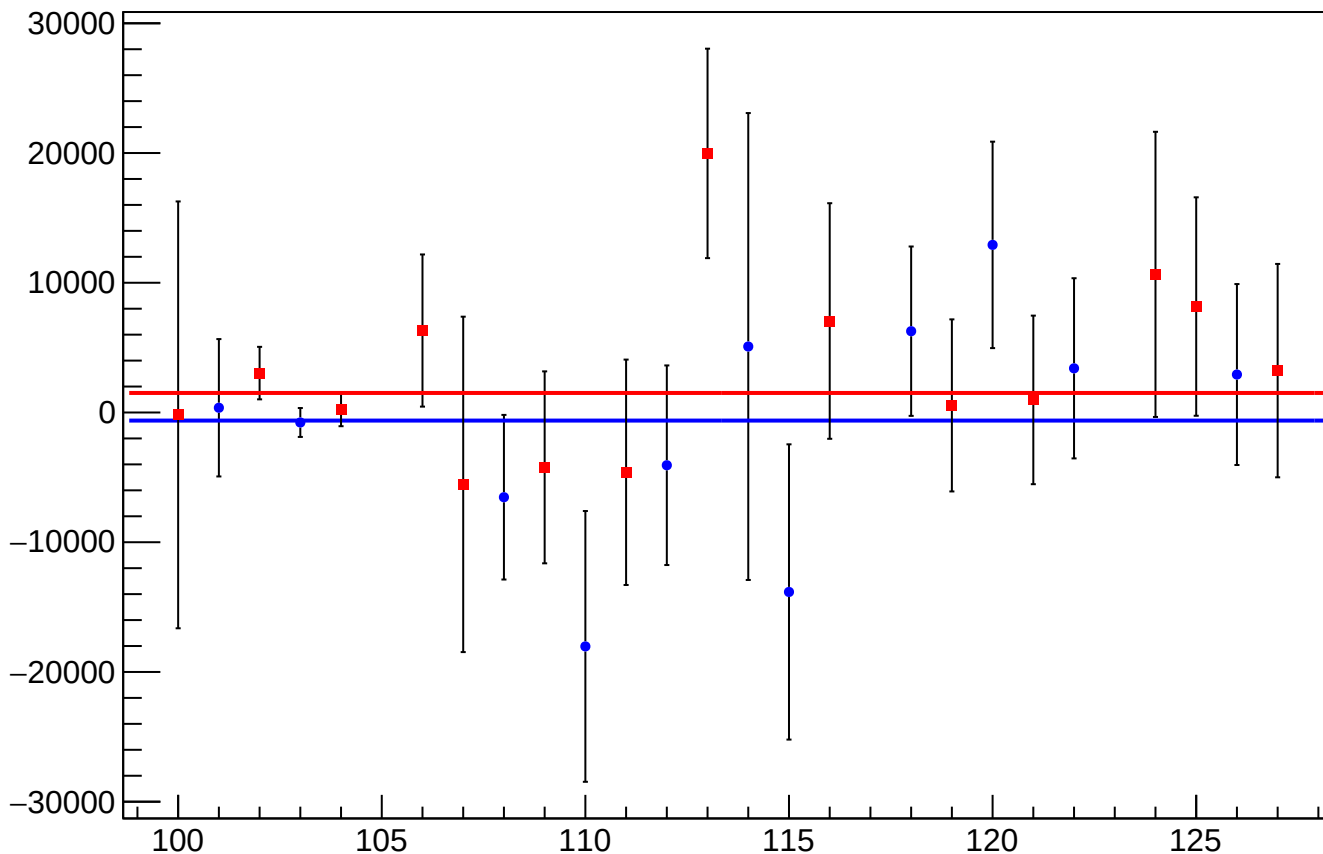
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1893.537+/-0.432 χ^2/NDF : 549198.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_cor_correction_mean vs Slug



Right In: -623.100+/-1008.436 χ^2/NDF : 10.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1505.660+/-980.452 χ^2/NDF : 10.7/13

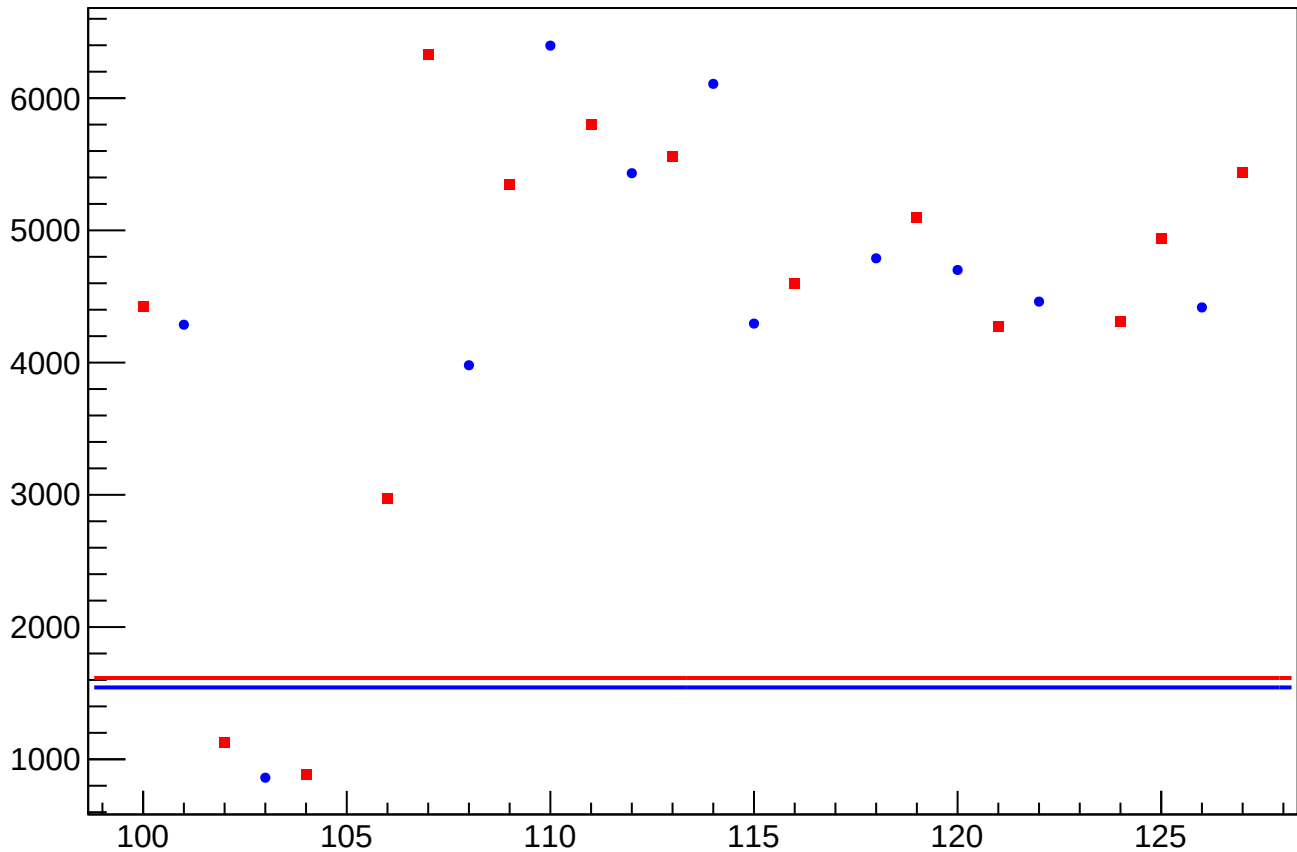
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 471.226+/-702.969 χ^2/NDF : 22.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_cor_correction_rms vs Slug



Right In: 1543.362+/-0.713 χ^2/NDF : 4273926.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

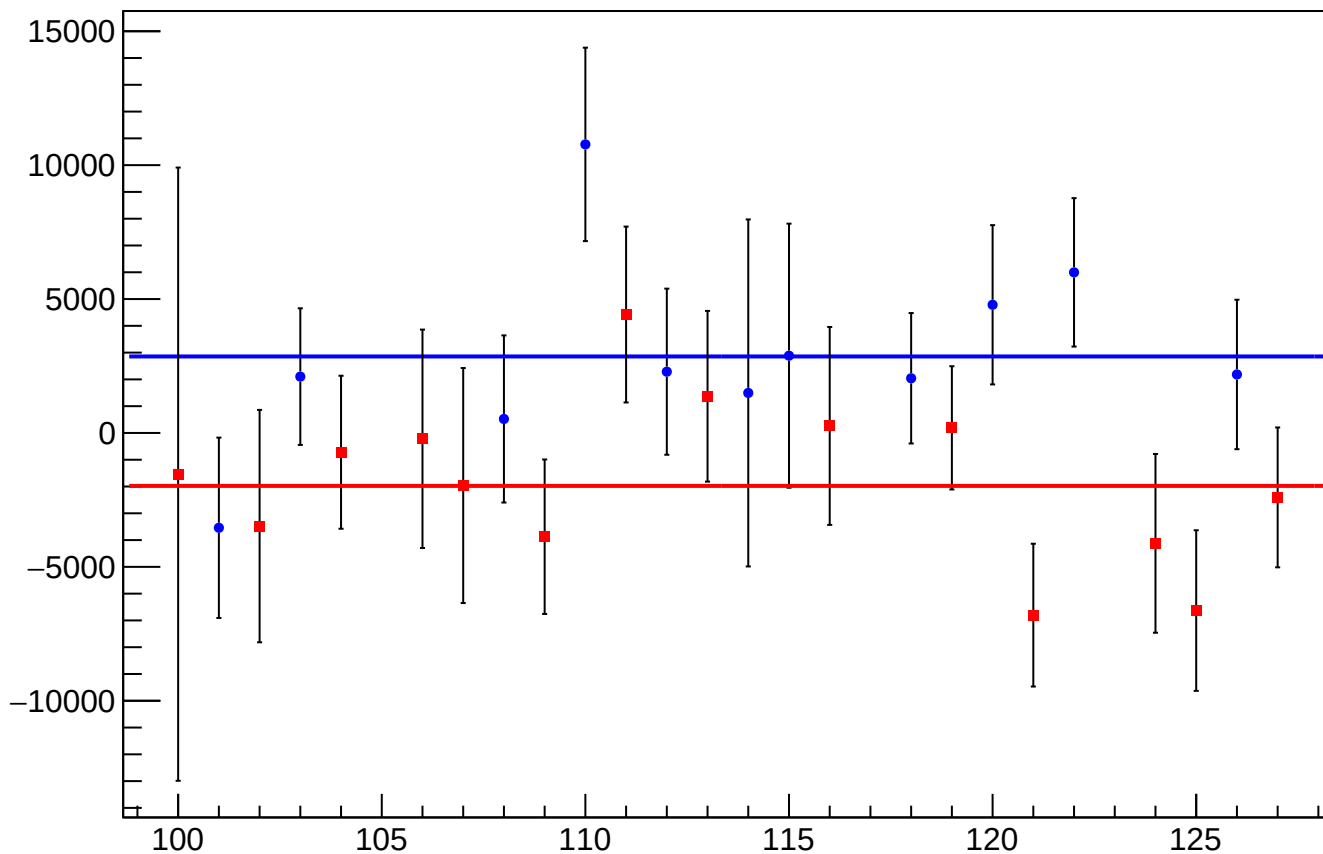
Right Out: 1614.955+/-0.693 χ^2/NDF : 4619277.6/13

All: 1580.165+/-0.497 χ^2/NDF : 8898386.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_avg_mean vs Slug



Right In: 2856.566+/-940.457 χ^2/NDF : 11.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1976.845+/-858.328 χ^2/NDF : 13.2/13

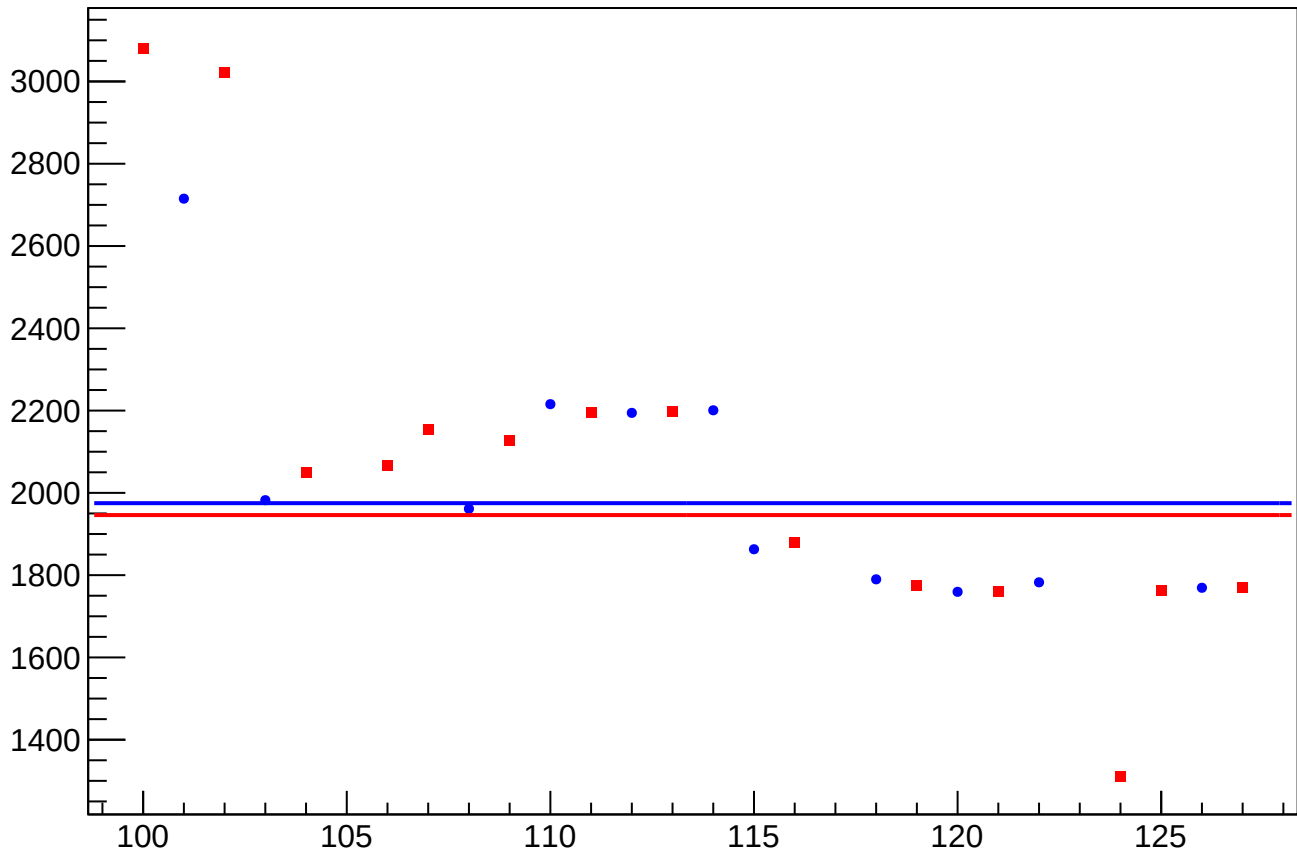
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 219.635+/-633.980 χ^2/NDF : 38.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_avg_rms vs Slug



Right In: 1974.952+/-0.665 χ^2/NDF : 161618.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

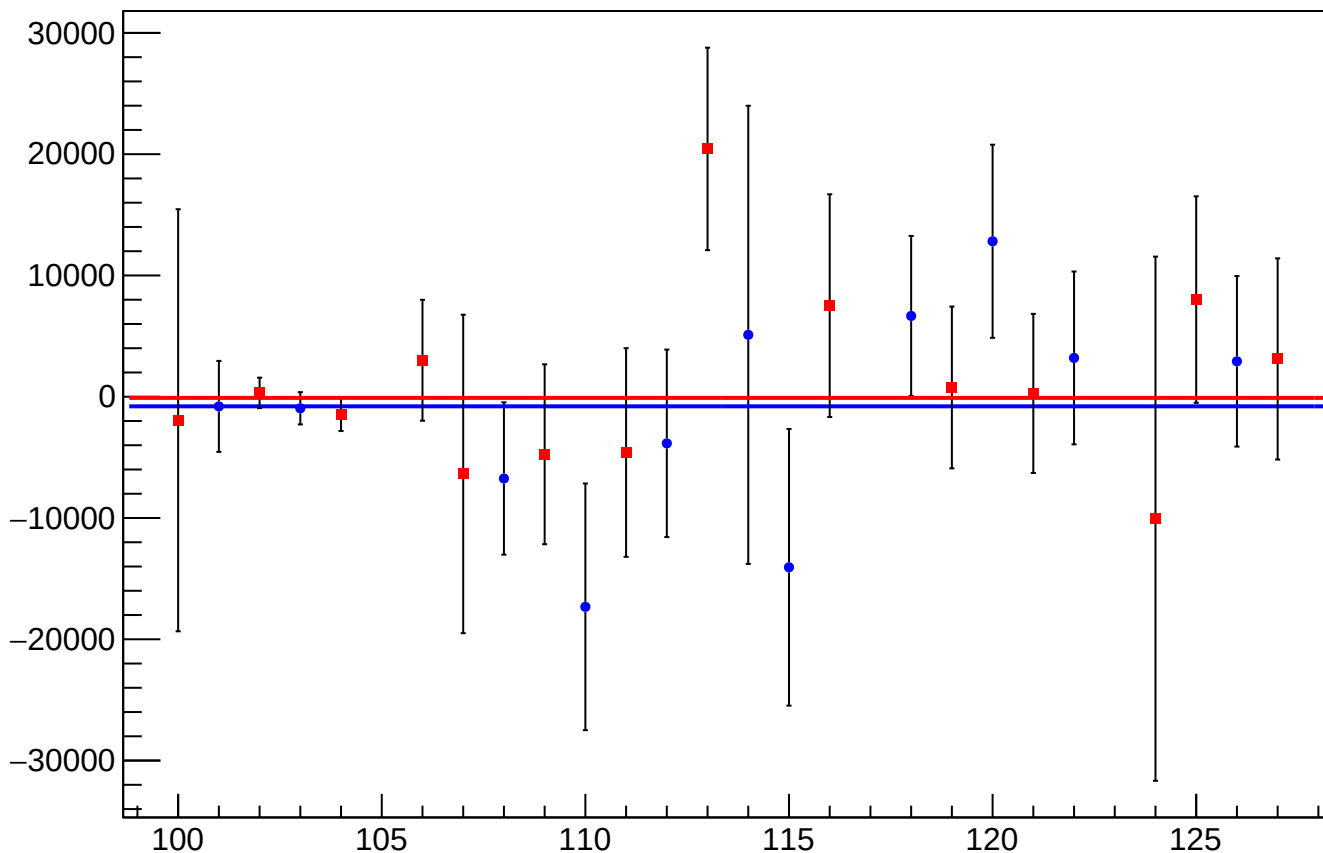
Right Out: 1946.044+/-0.606 χ^2/NDF : 294081.8/13

All: 1959.165+/-0.448 χ^2/NDF : 456732.7/24

- 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_avg_dit_correction_mean vs Slug



Right In: -789.890+/-1134.428 χ^2/NDF : 10.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -93.626+/-857.016 χ^2/NDF : 10.5/13

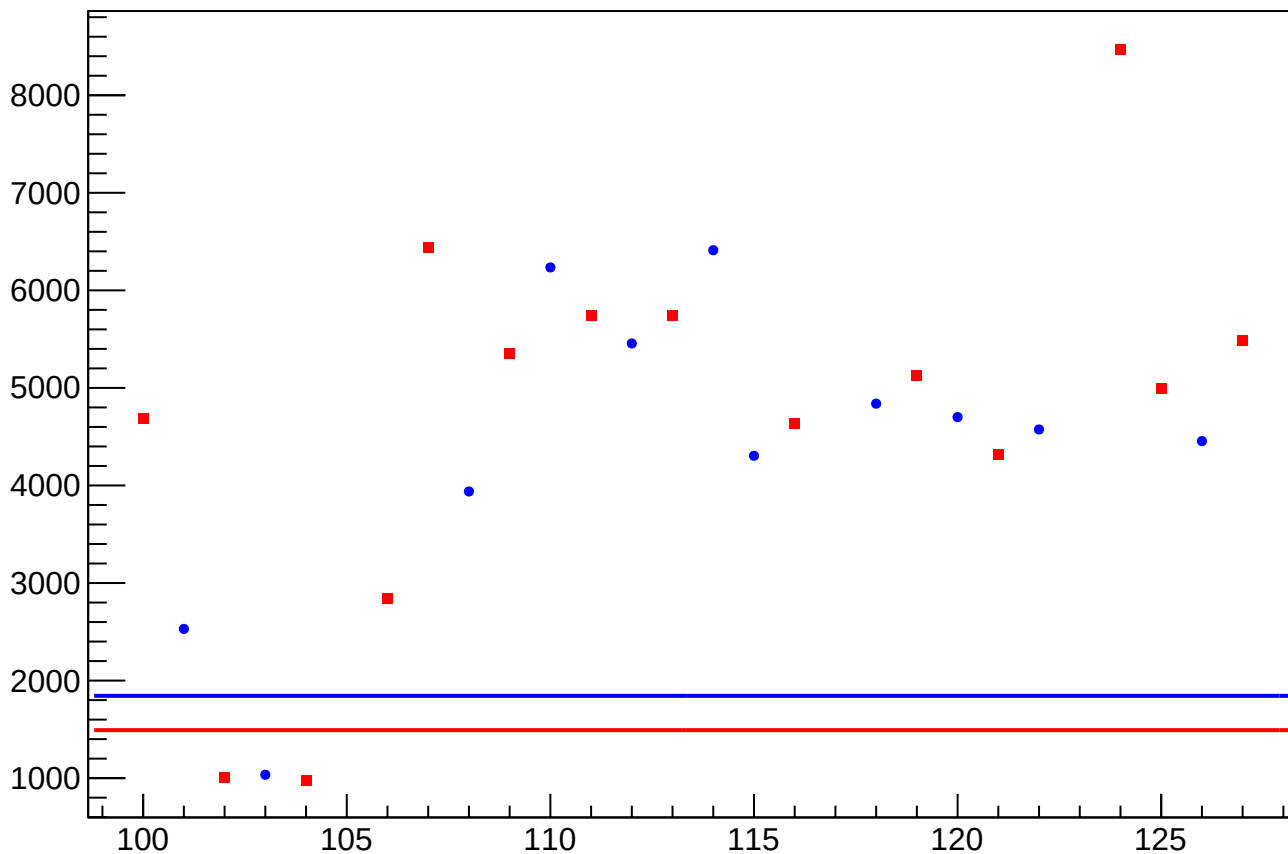
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -346.613+/-683.816 χ^2/NDF : 20.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_dit_correction_rms vs Slug



Right In: 1843.703+/-0.802 χ^2/NDF : 3287854.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

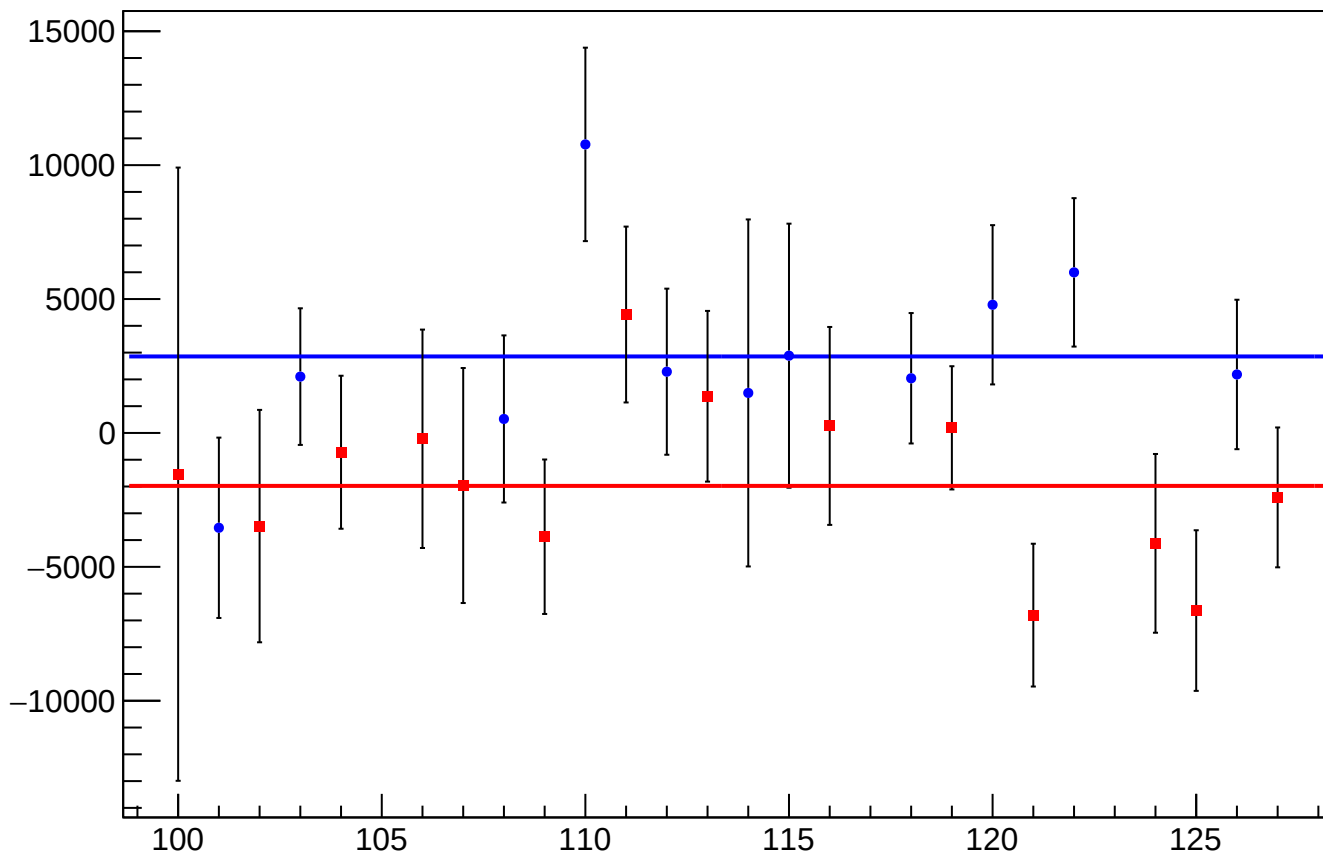
Right Out: 1492.074+/-0.606 χ^2/NDF : 4845576.5/13

All: 1619.838+/-0.484 χ^2/NDF : 8255764.2/24

- 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: 2856.554+/-940.456 χ^2/NDF : 11.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1976.851+/-858.327 χ^2/NDF : 13.2/13

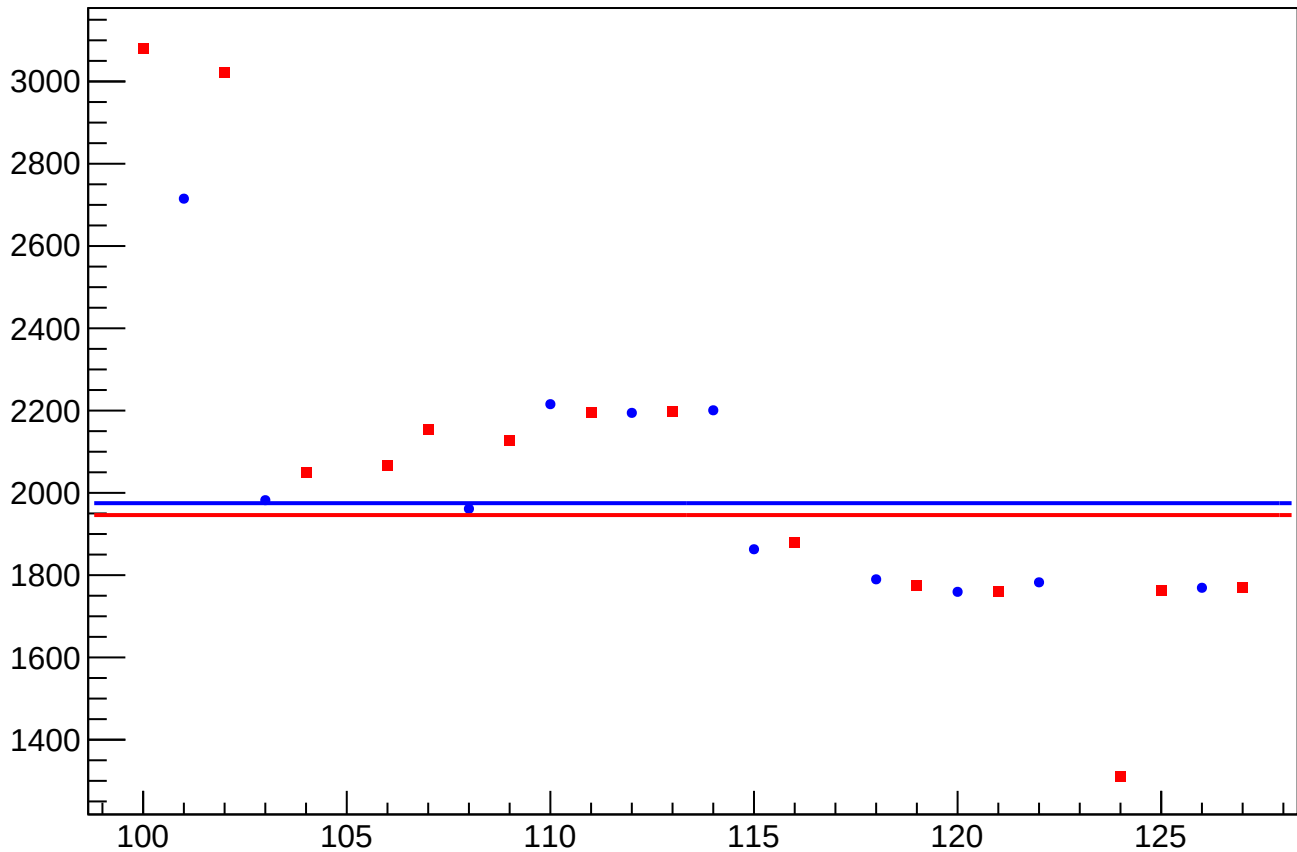
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 219.626+/-633.980 χ^2/NDF : 38.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_avg_rms vs Slug



Right In: 1974.951+/-0.665 χ^2/NDF : 161619.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1946.043+/-0.606 χ^2/NDF : 294081.1/13

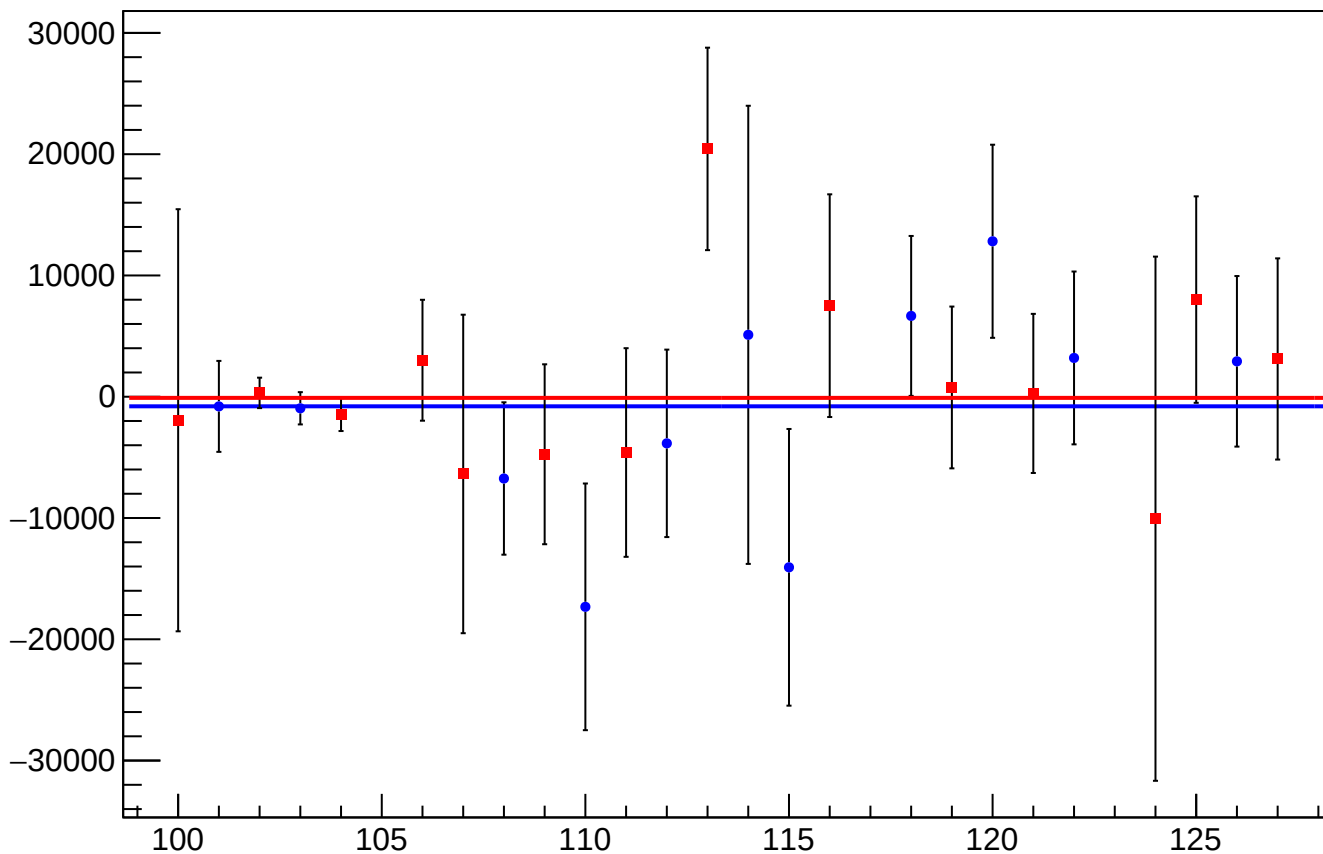
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1959.164+/-0.448 χ^2/NDF : 456732.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_dit_correction_mean vs Slug



Right In: -789.892+/-1134.427 χ^2/NDF : 10.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -93.620+/-857.015 χ^2/NDF : 10.5/13

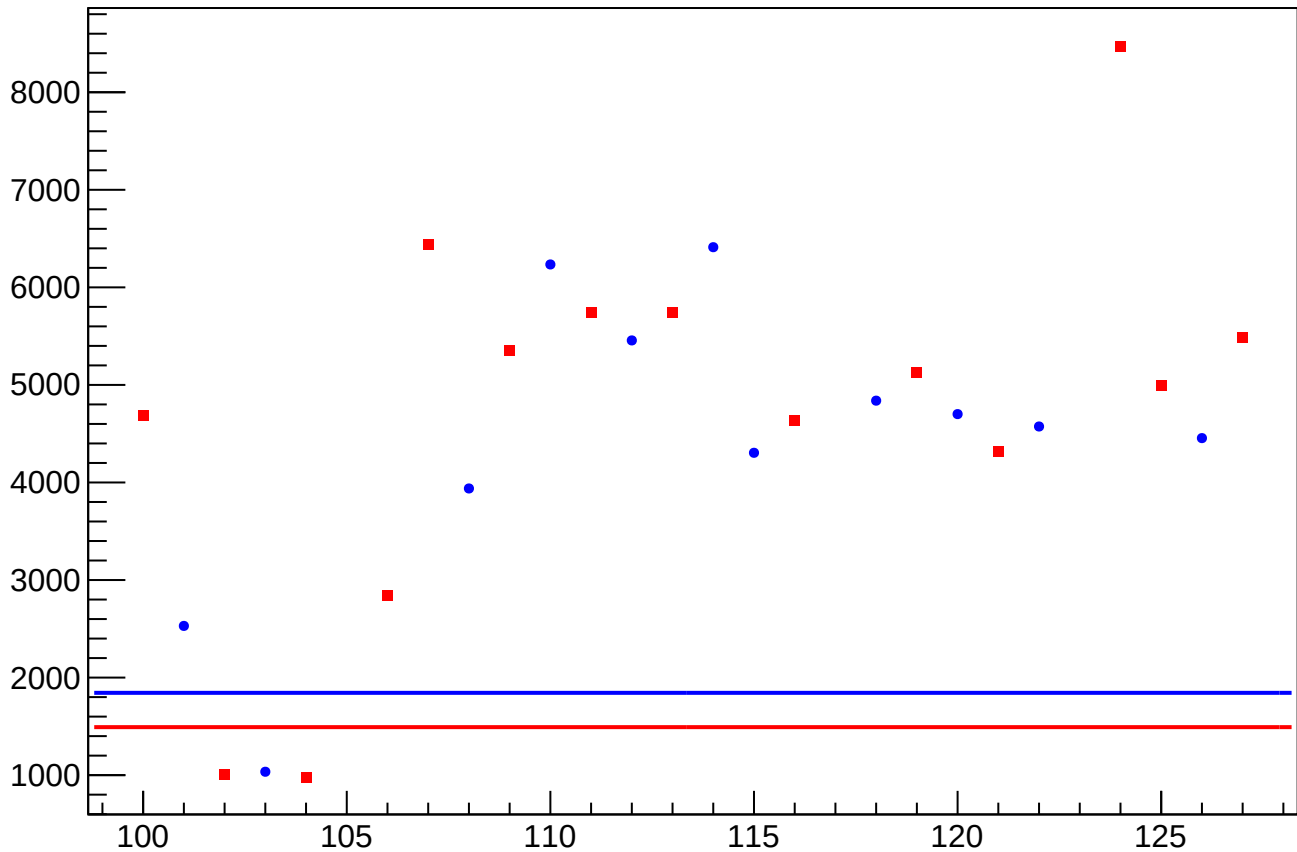
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -346.610+/-683.816 χ^2/NDF : 20.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_dit_correction_rms vs Slug



Right In: 1843.703+/-0.802 χ^2/NDF : 3287847.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1492.074+/-0.606 χ^2/NDF : 4845569.3/13

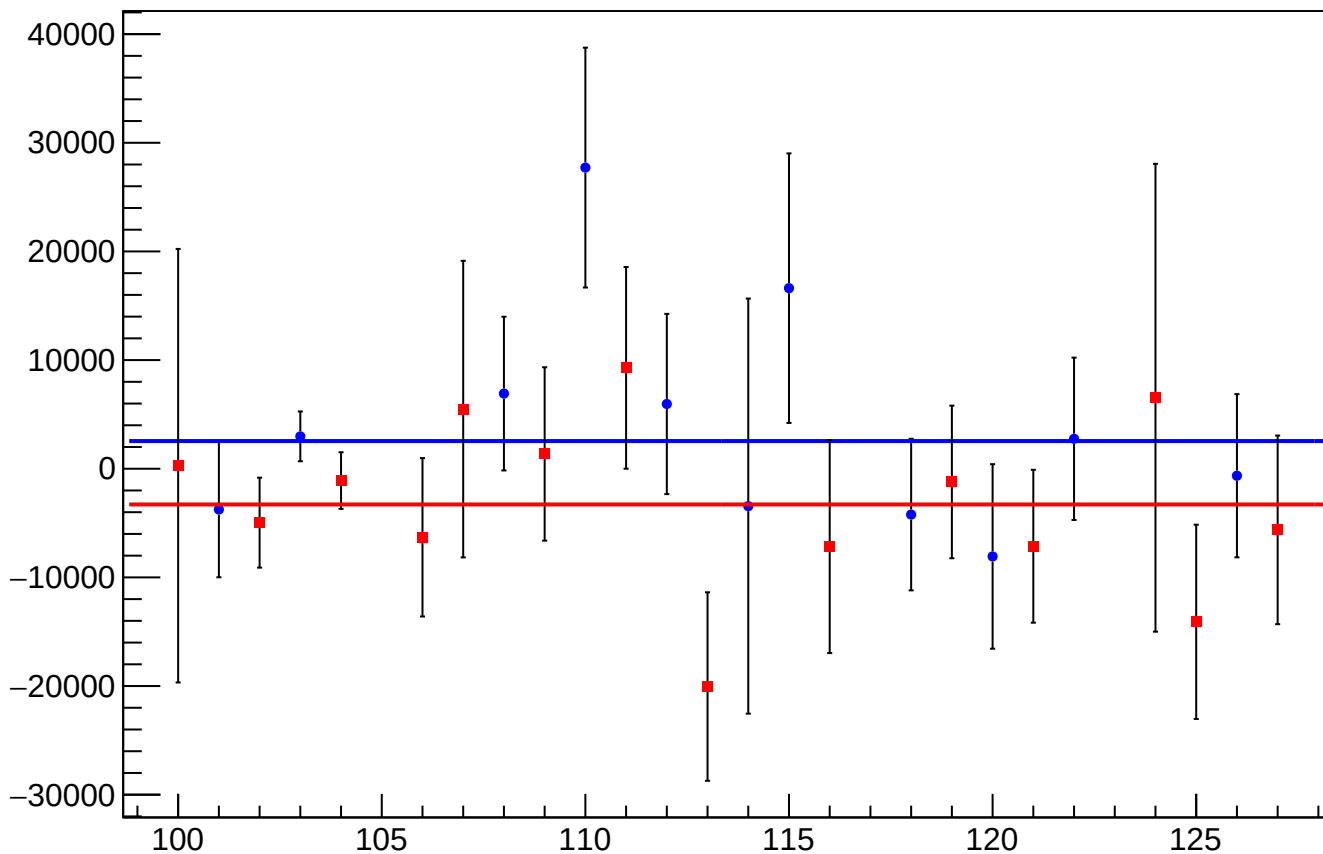
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1619.838+/-0.484 χ^2/NDF : 8255750.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_mean vs Slug



Right In: 2547.136 $\pm$ 1719.835 χ^2 /NDF: 10.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3287.341 $\pm$ 1686.268 χ^2 /NDF: 9.7/13

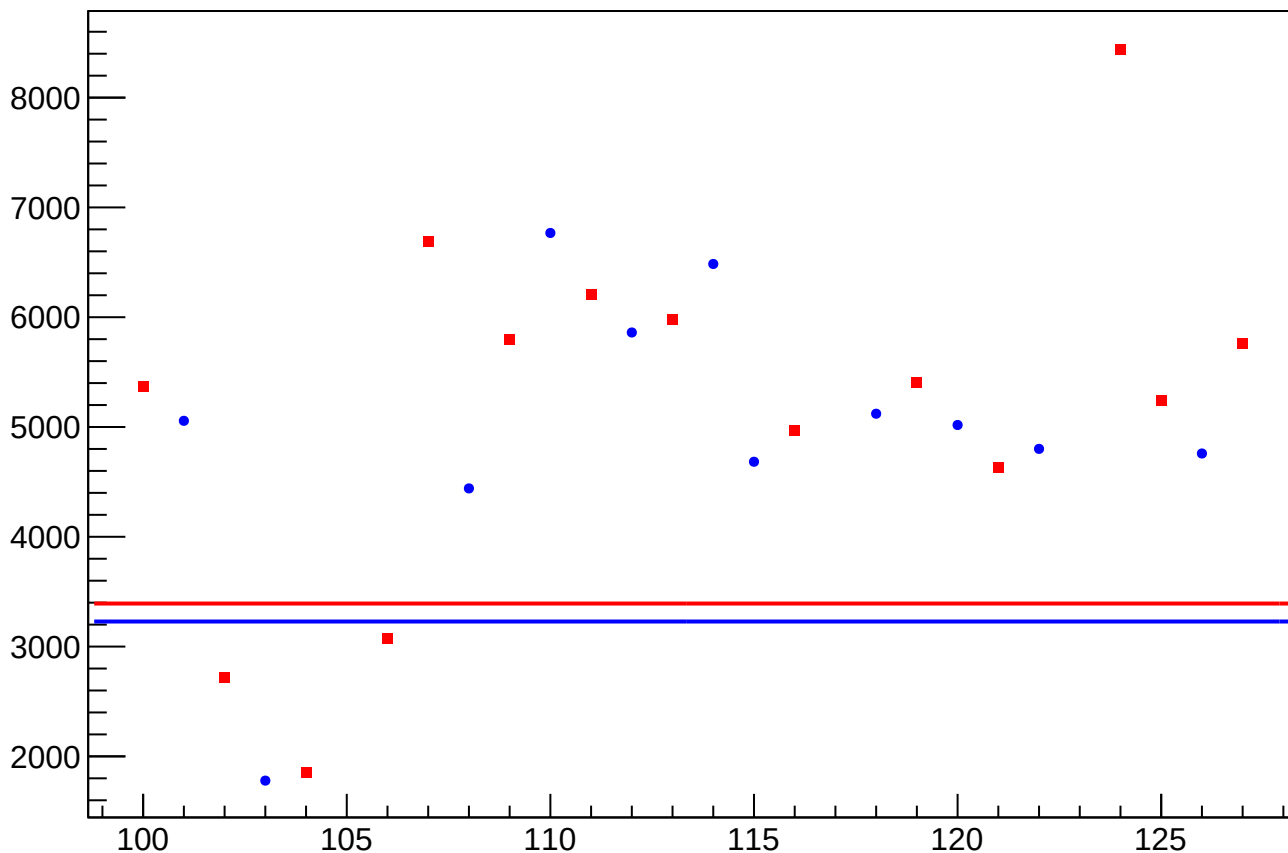
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -427.596 $\pm$ 1204.064 χ^2 /NDF: 26.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_rms vs Slug



Right In: 3228.292+/-1.216 χ^2/NDF : 1930482.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

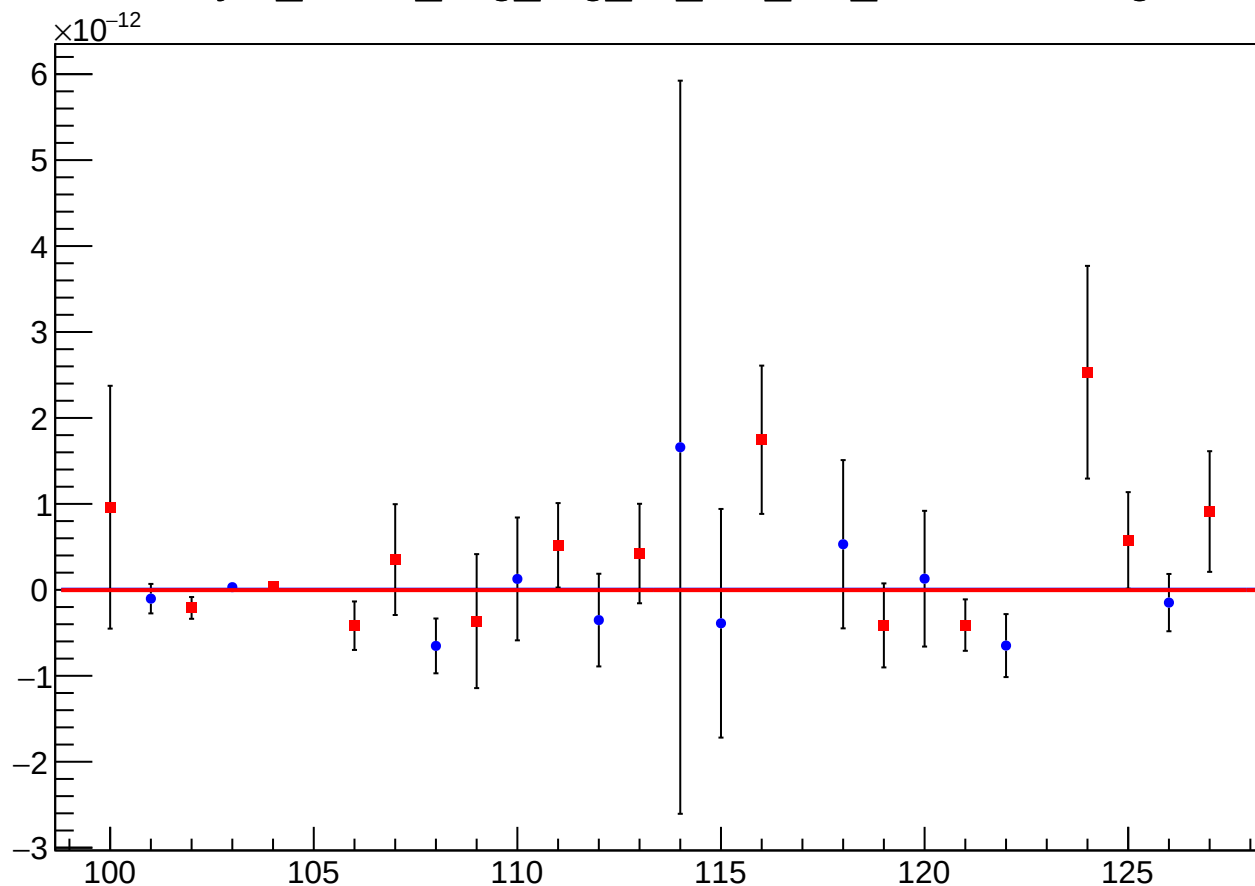
Right Out: 3392.033+/-1.178 χ^2/NDF : 2060952.7/13

All: 3312.743+/-0.846 χ^2/NDF : 4000785.0/24

- 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_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 21.6/13

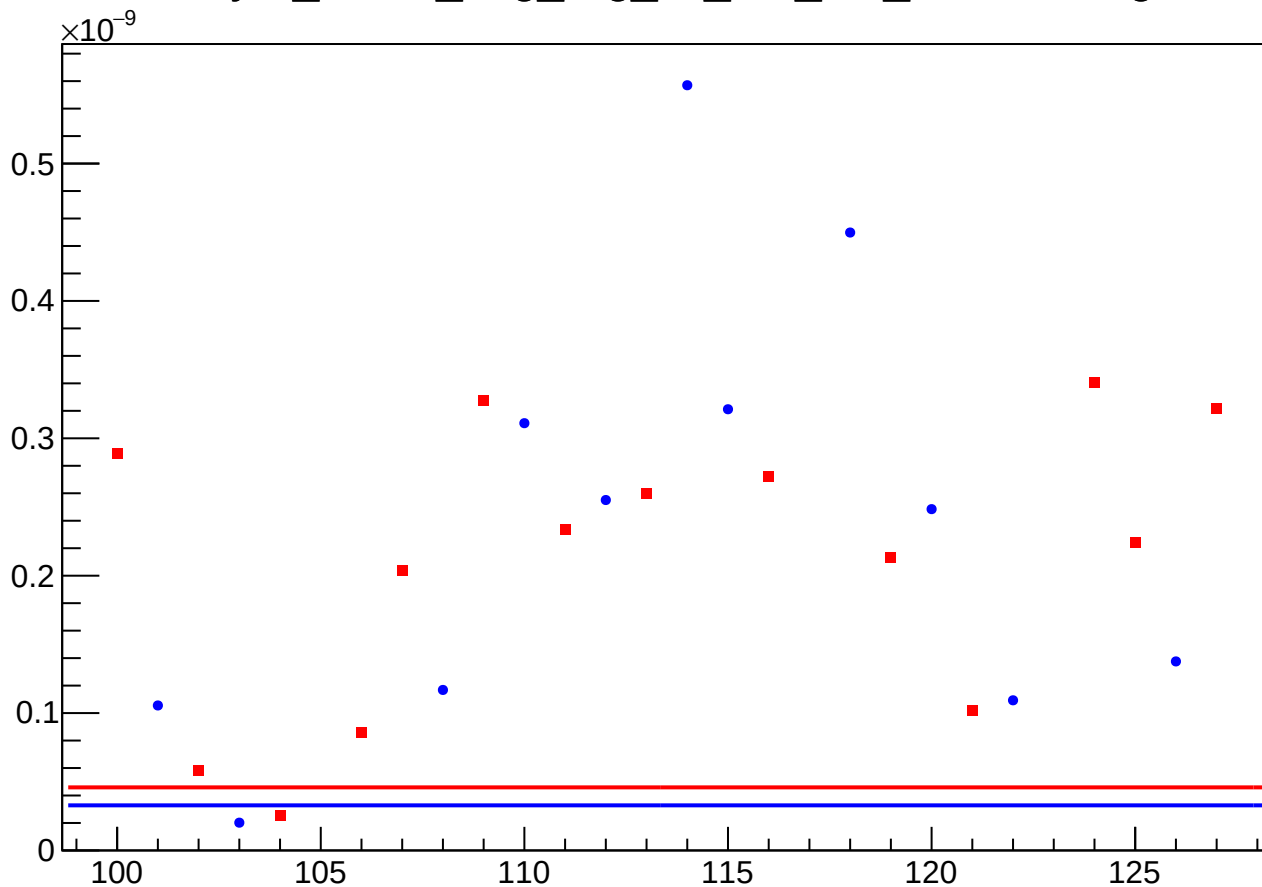
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 31.0/24

- 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 : 2241231.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2396406.1/13

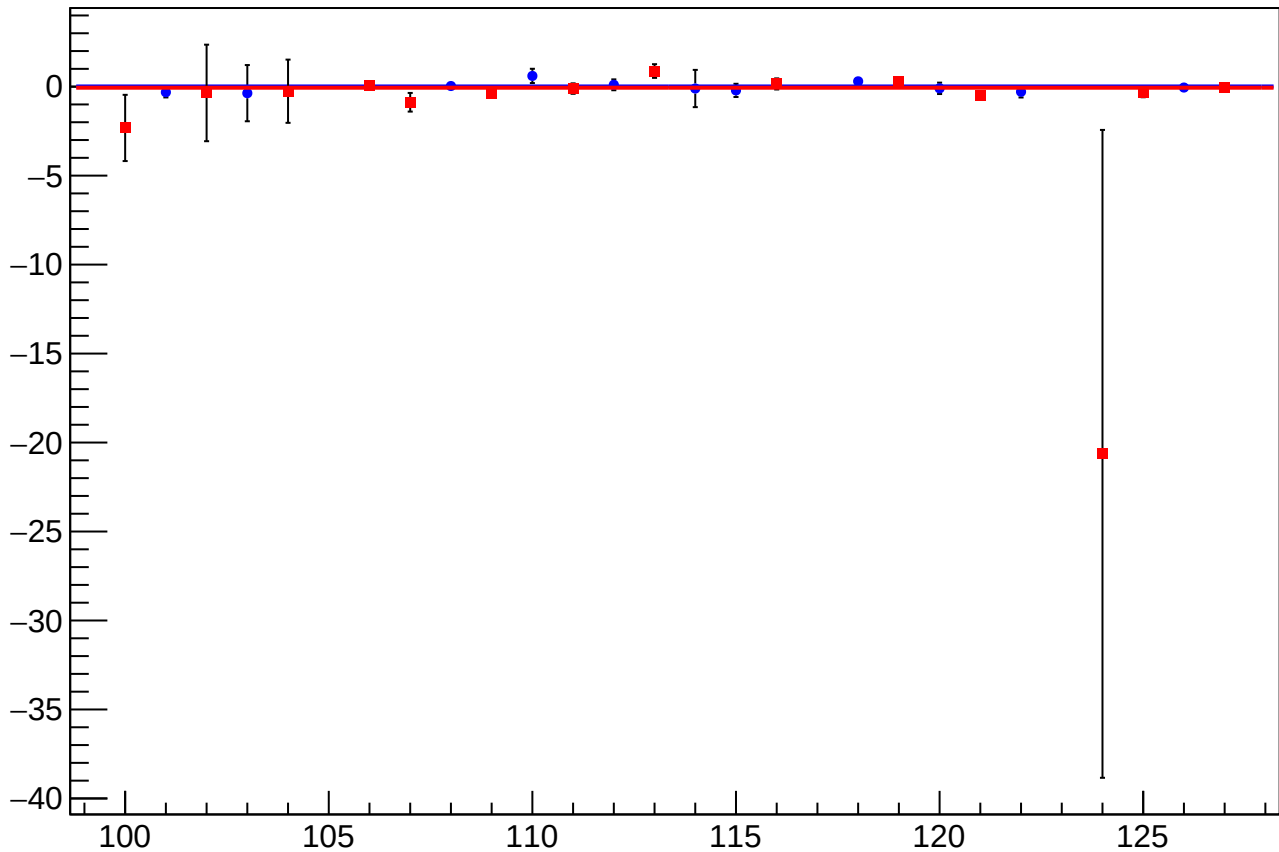
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4725850.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.011+/-0.095 χ^2/NDF : 6.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.060+/-0.089 χ^2/NDF : 19.3/13

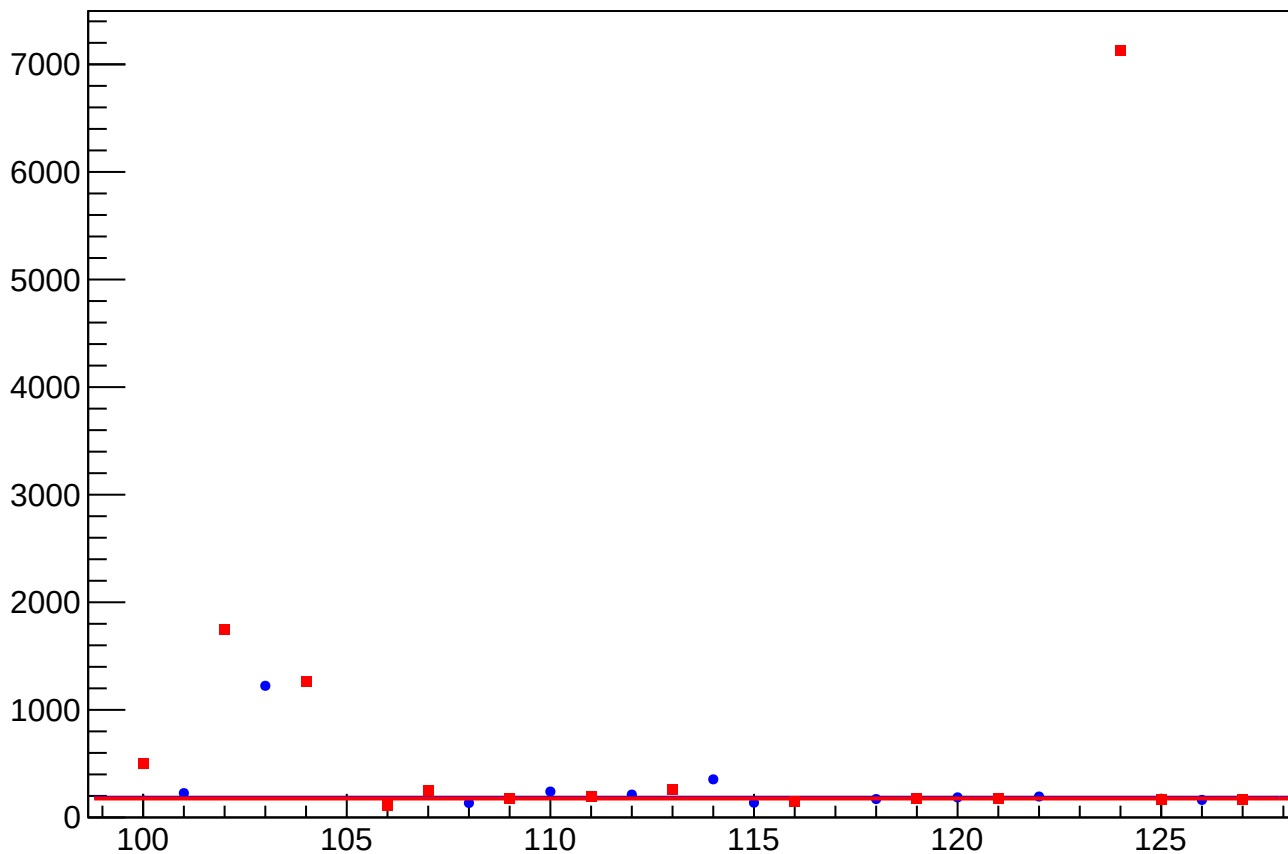
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.027+/-0.065 χ^2/NDF : 26.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_dit_vs_cor_diff_rms vs Slug



Right In: 183.424+/-0.067 χ^2/NDF : 1171269.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.340+/-0.063 χ^2/NDF : 2088438.6/13

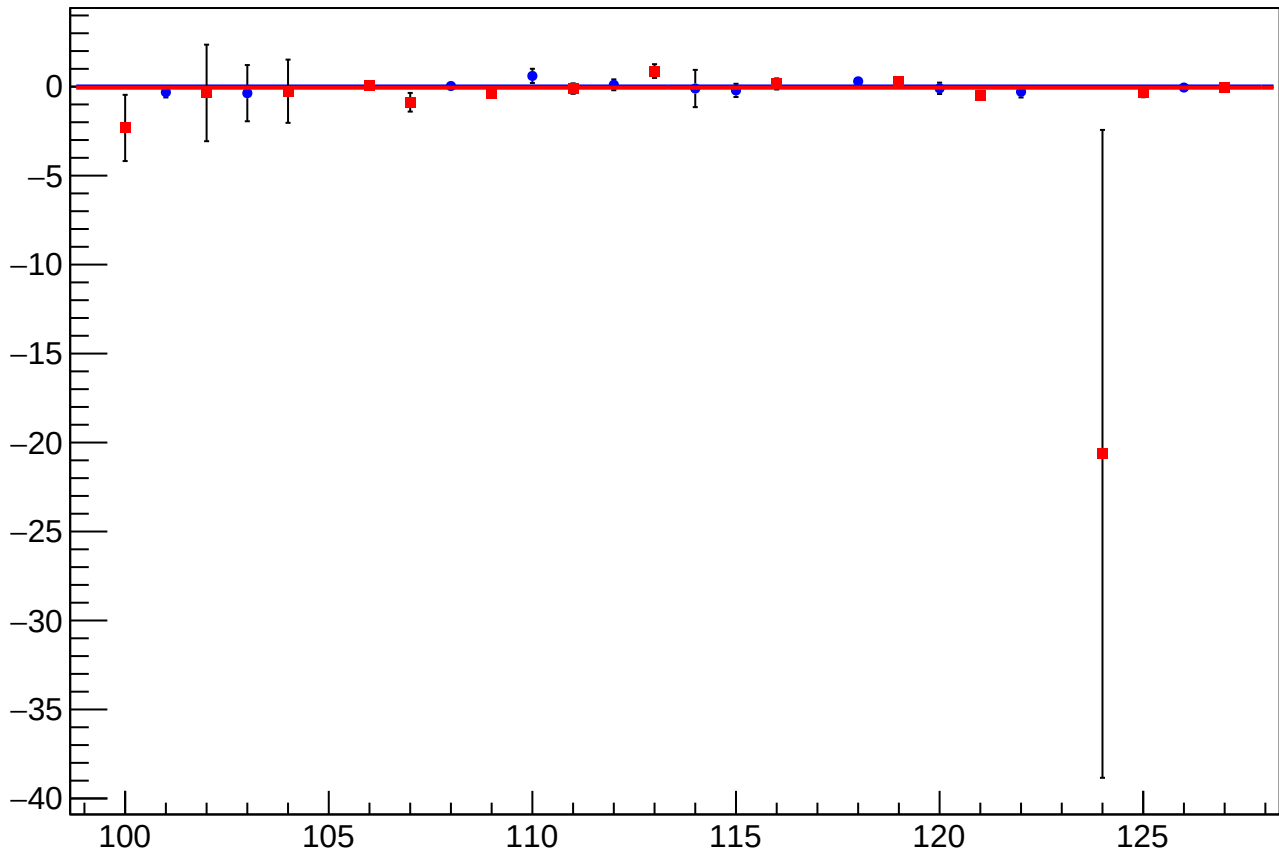
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.654+/-0.046 χ^2/NDF : 3265599.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.011+/-0.095 χ^2/NDF : 6.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.060+/-0.089 χ^2/NDF : 19.3/13

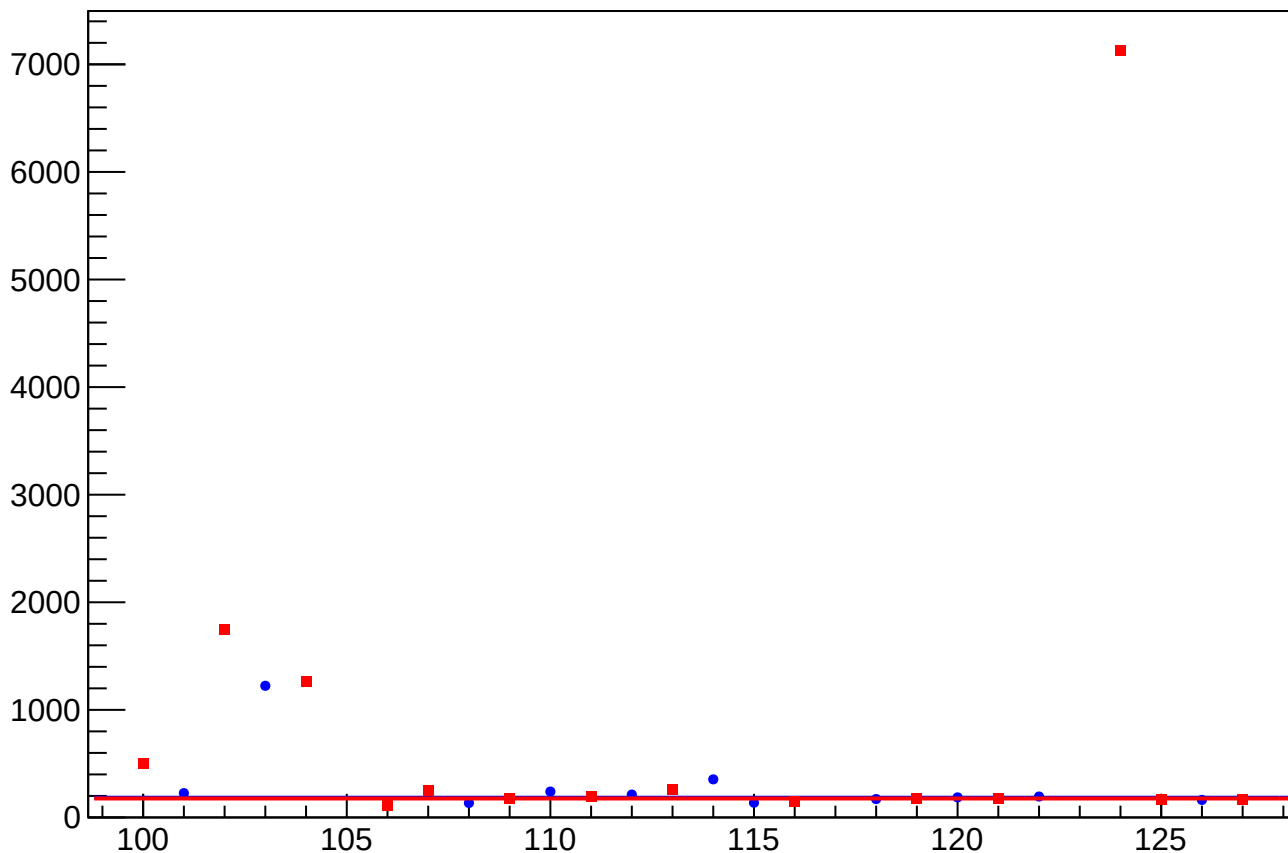
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.027+/-0.065 χ^2/NDF : 26.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 183.424+/-0.067 χ^2/NDF : 1171269.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.340+/-0.063 χ^2/NDF : 2088438.6/13

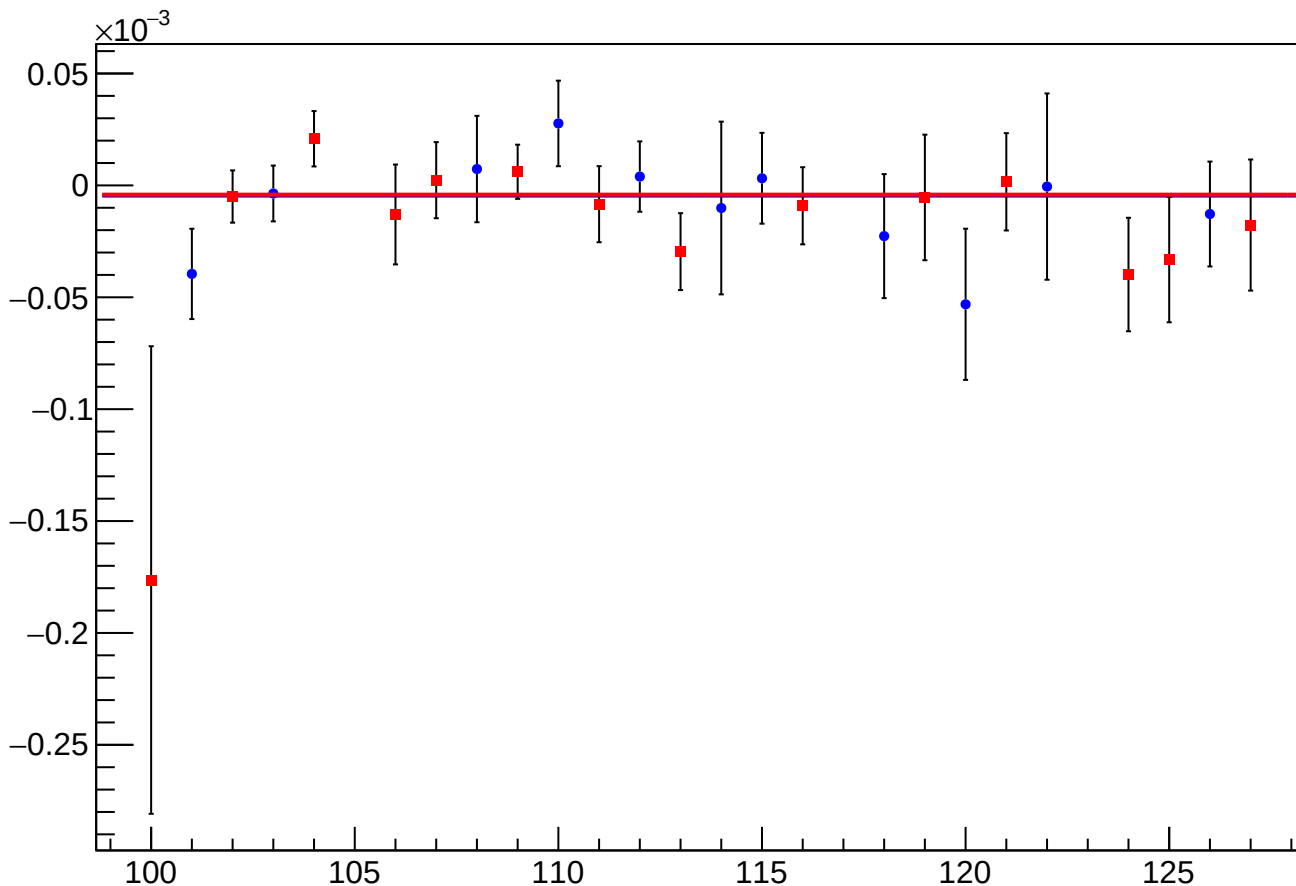
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.654+/-0.046 χ^2/NDF : 3265599.6/24

- 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 : 9.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.5/13

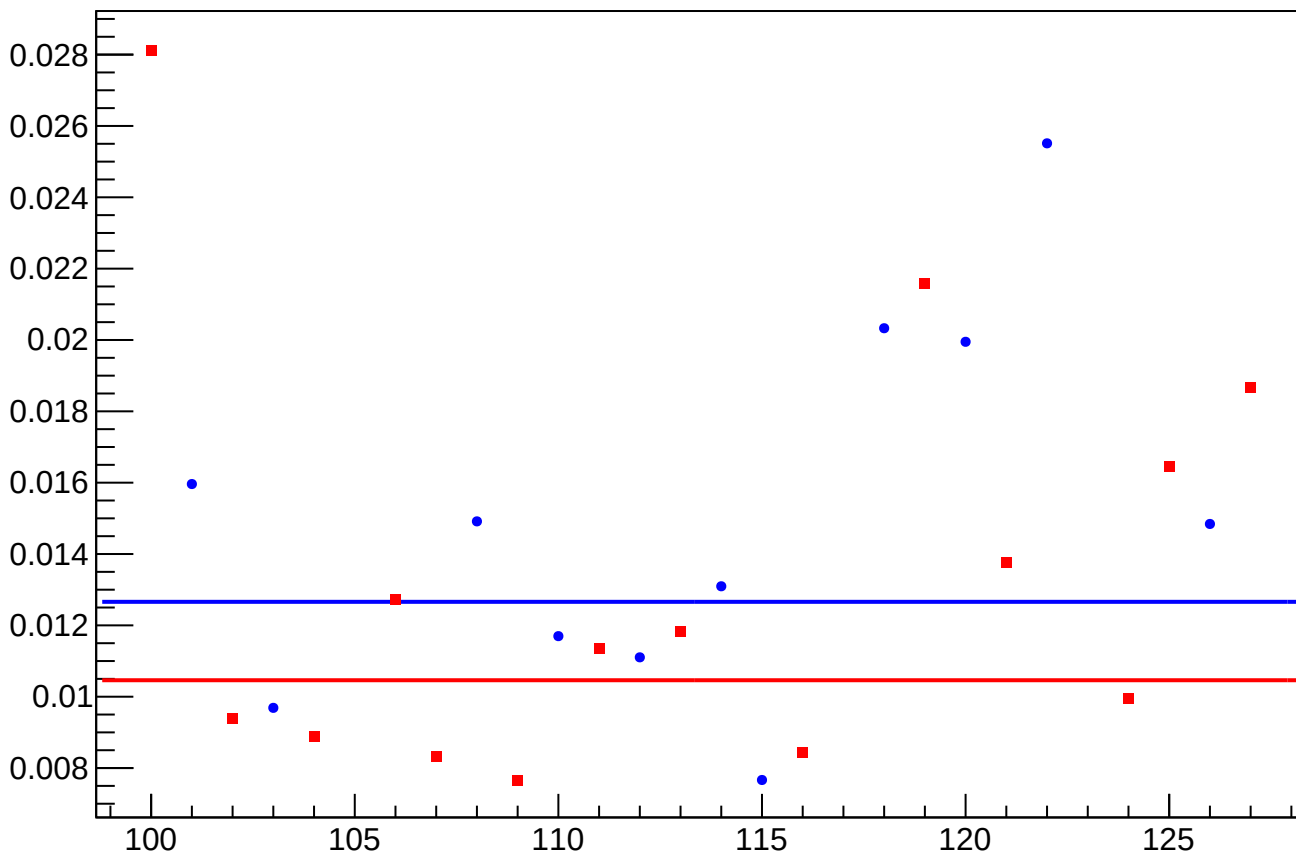
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF : 785650.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 920405.7/13

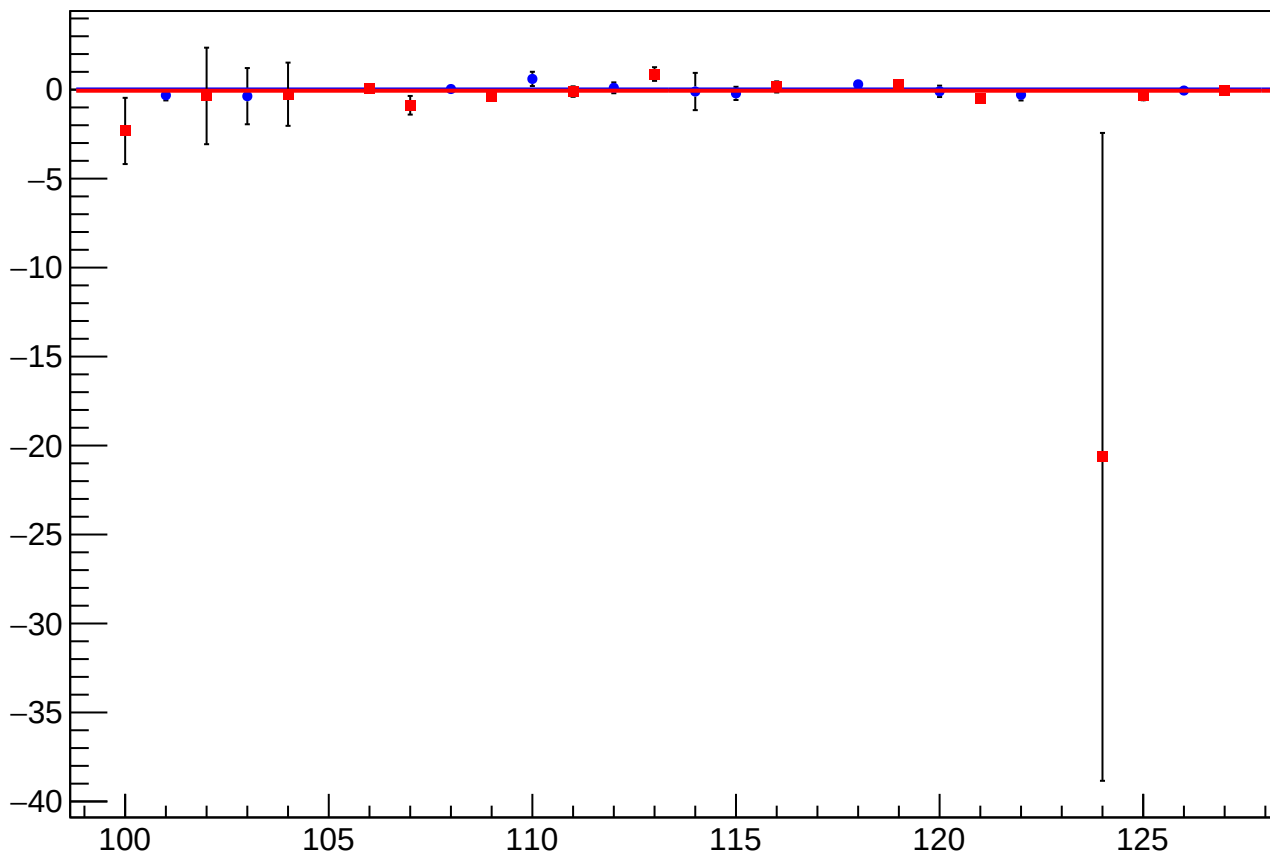
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 1860365.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.011+/-0.095 χ^2/NDF : 6.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.060+/-0.089 χ^2/NDF : 19.3/13

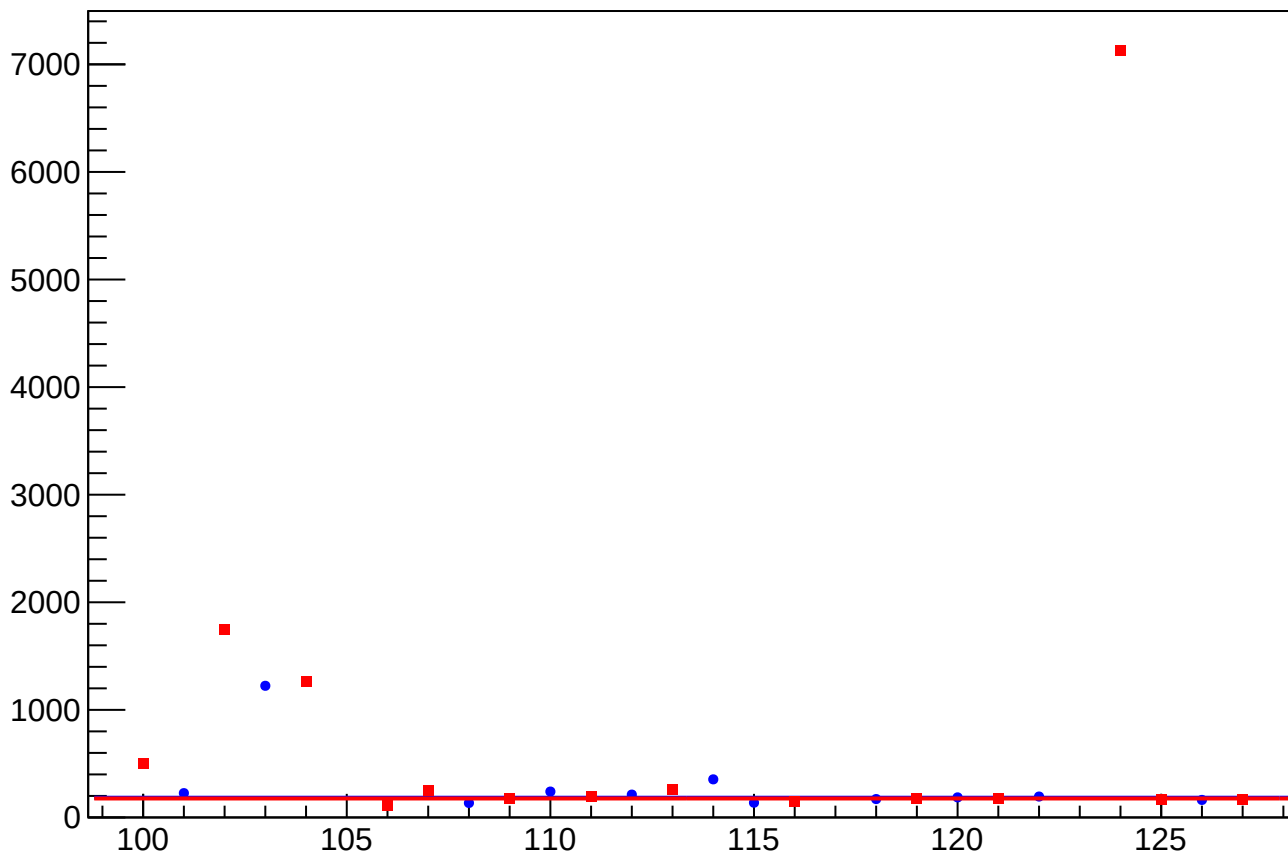
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.027+/-0.065 χ^2/NDF : 26.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 183.423+/-0.067 χ^2/NDF : 1171279.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.338+/-0.063 χ^2/NDF : 2088462.6/13

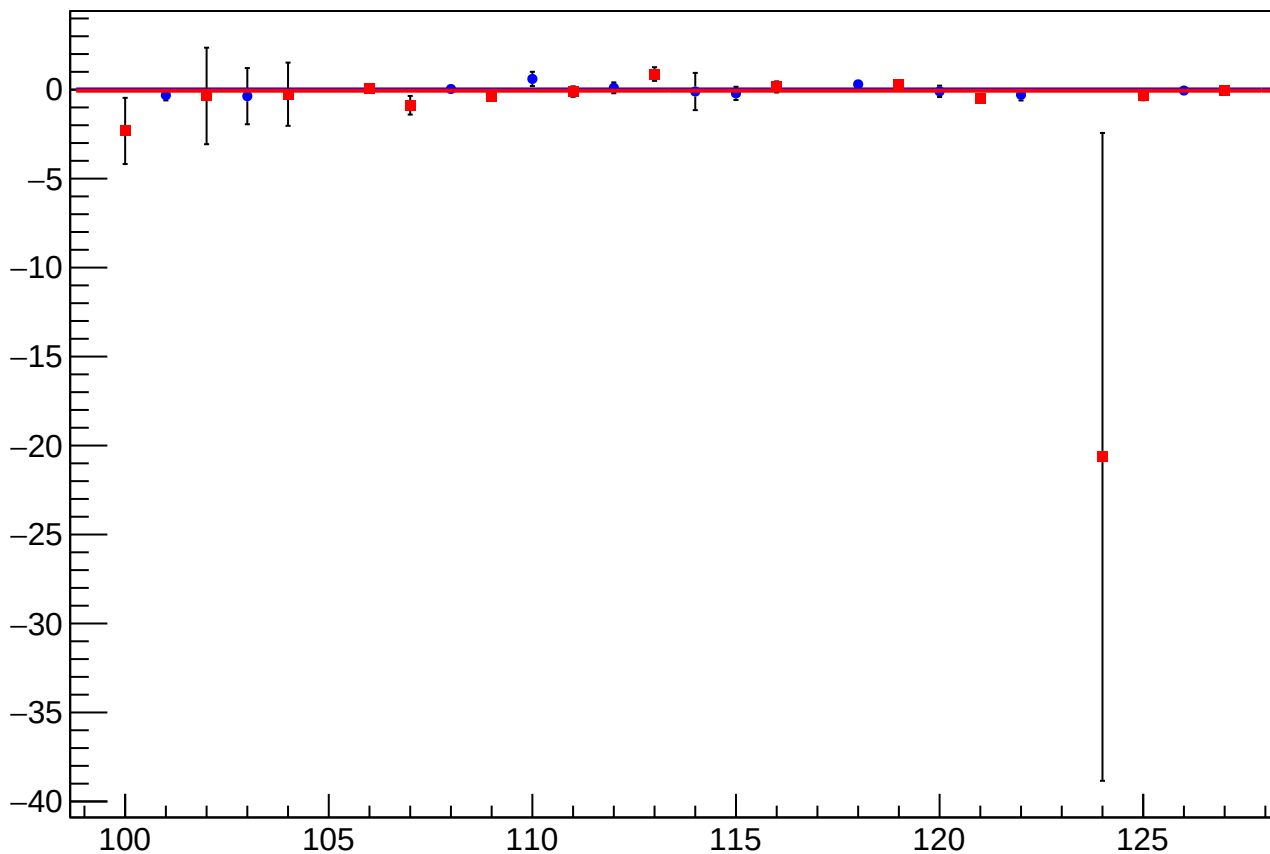
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.652+/-0.046 χ^2/NDF : 3265634.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.011 $\pm$ 0.095 χ^2/NDF : 6.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.060 $\pm$ 0.089 χ^2/NDF : 19.3/13

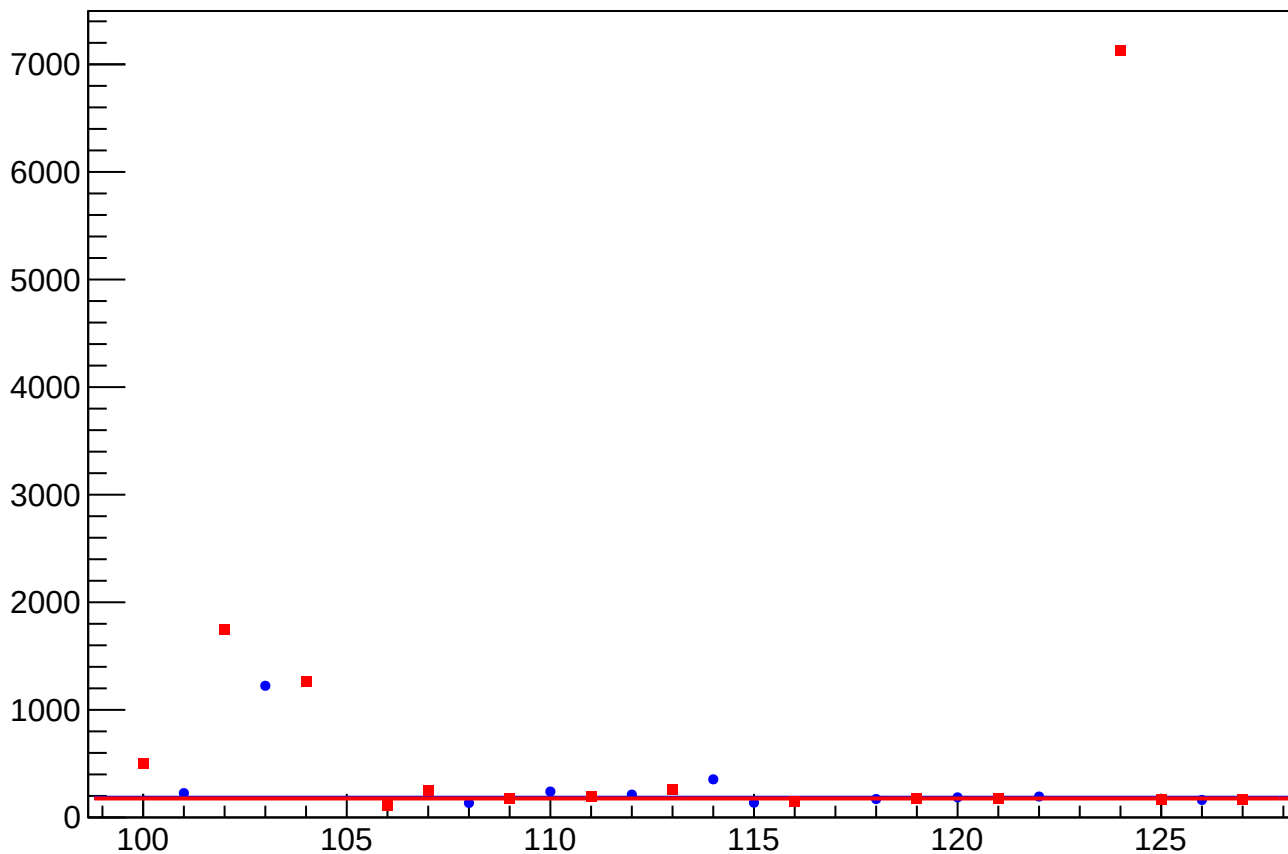
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.027 $\pm$ 0.065 χ^2/NDF : 26.0/24

- 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: 183.423+/-0.067 χ^2/NDF : 1171279.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.338+/-0.063 χ^2/NDF : 2088462.6/13

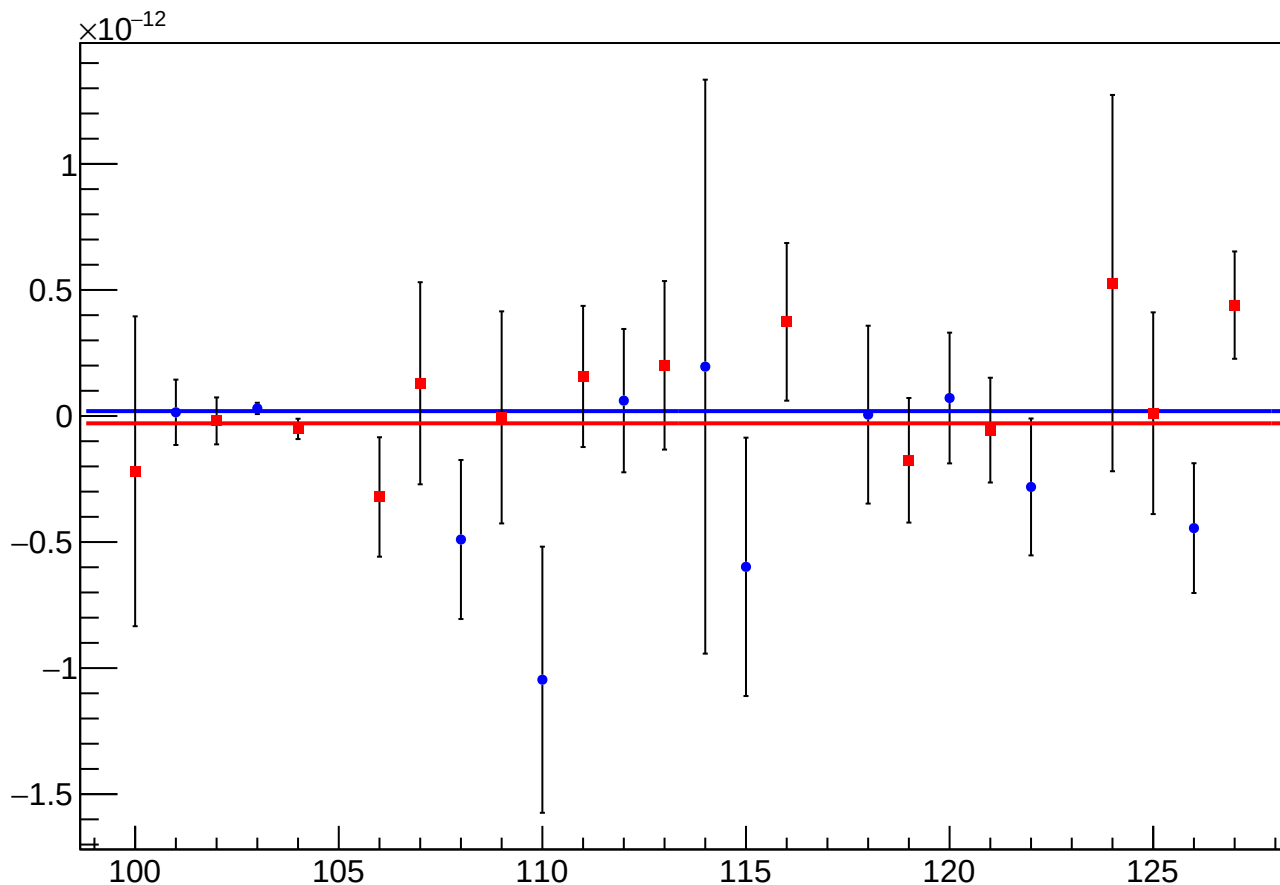
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.652+/-0.046 χ^2/NDF : 3265634.5/24

- sign 0.000+/-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 : 12.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.4/13

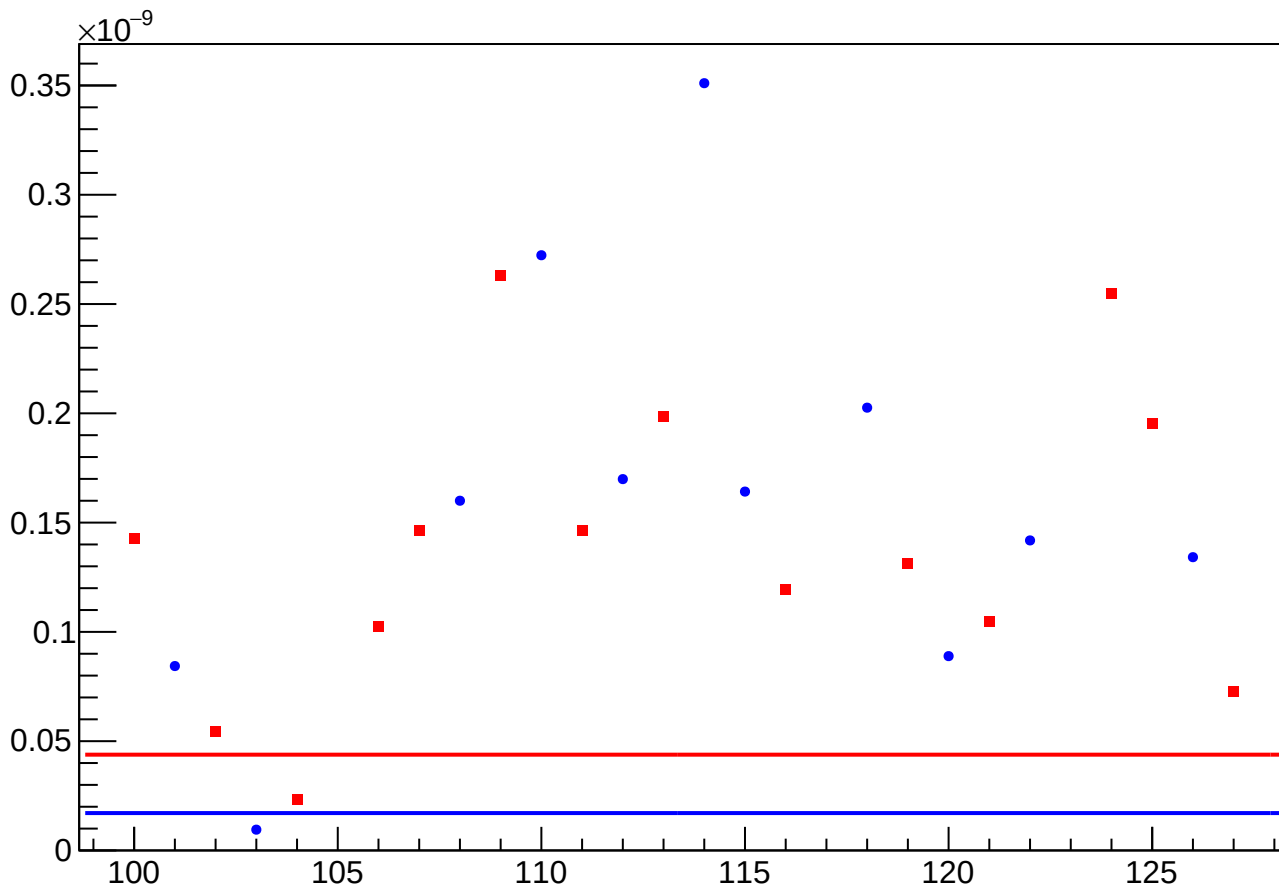
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.8/24

- 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 : 4102450.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3120041.3/13

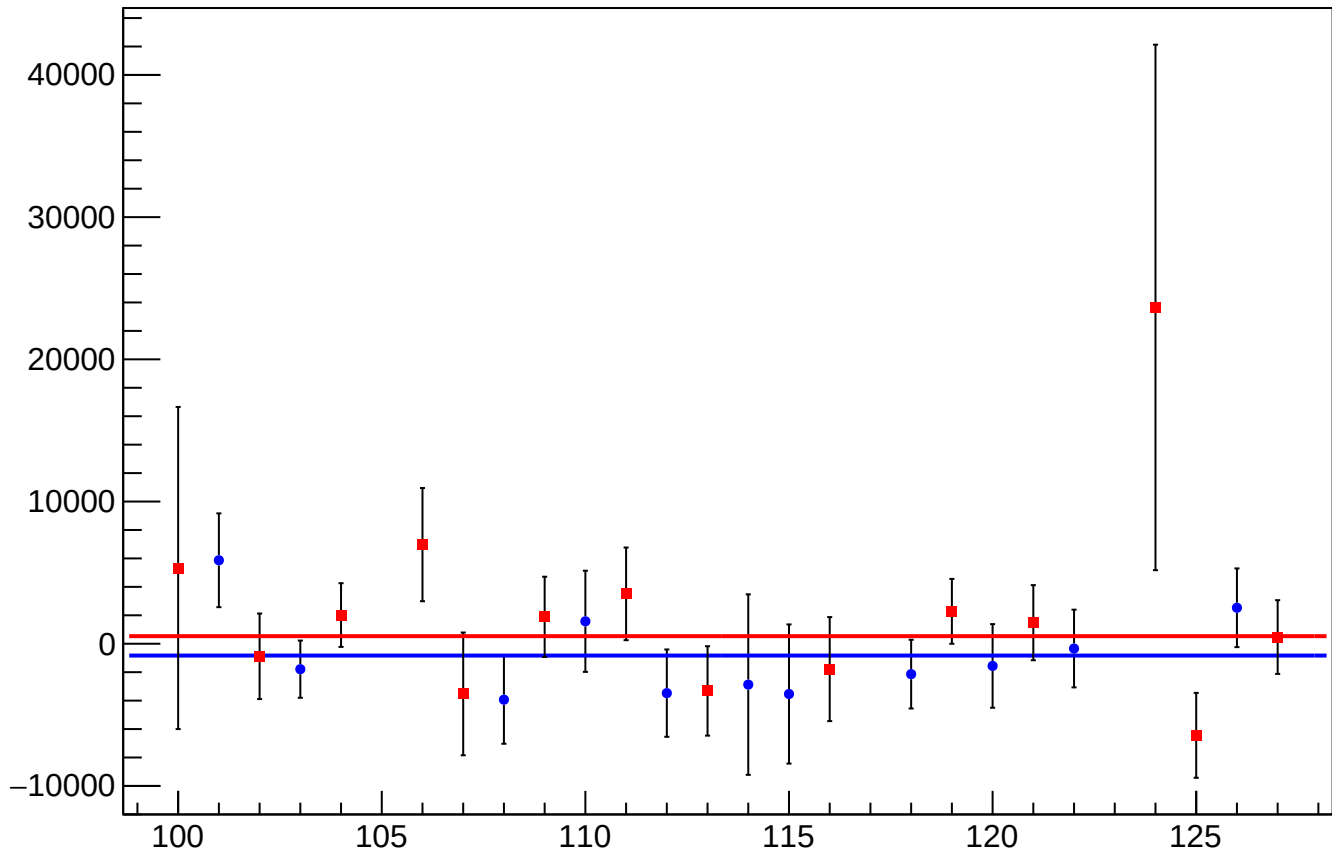
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8100643.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_mean vs Slug



Right In: -831.144+/-895.822 χ^2/NDF : 8.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 532.825+/-836.439 χ^2/NDF : 15.0/13

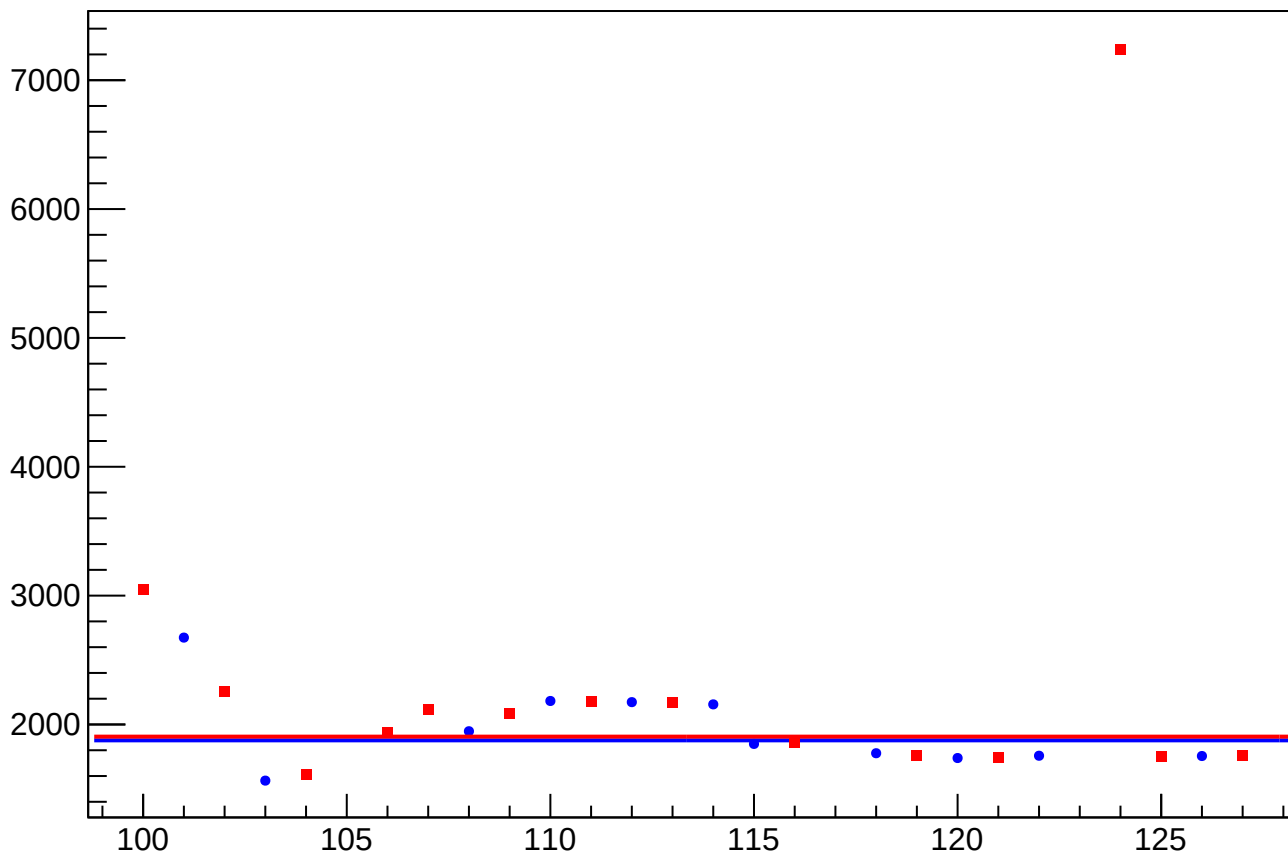
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -102.457+/-611.368 χ^2/NDF : 25.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_rms vs Slug



Right In: 1876.851+/-0.633 χ^2/NDF : 219006.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1905.673+/-0.590 χ^2/NDF : 318164.4/13

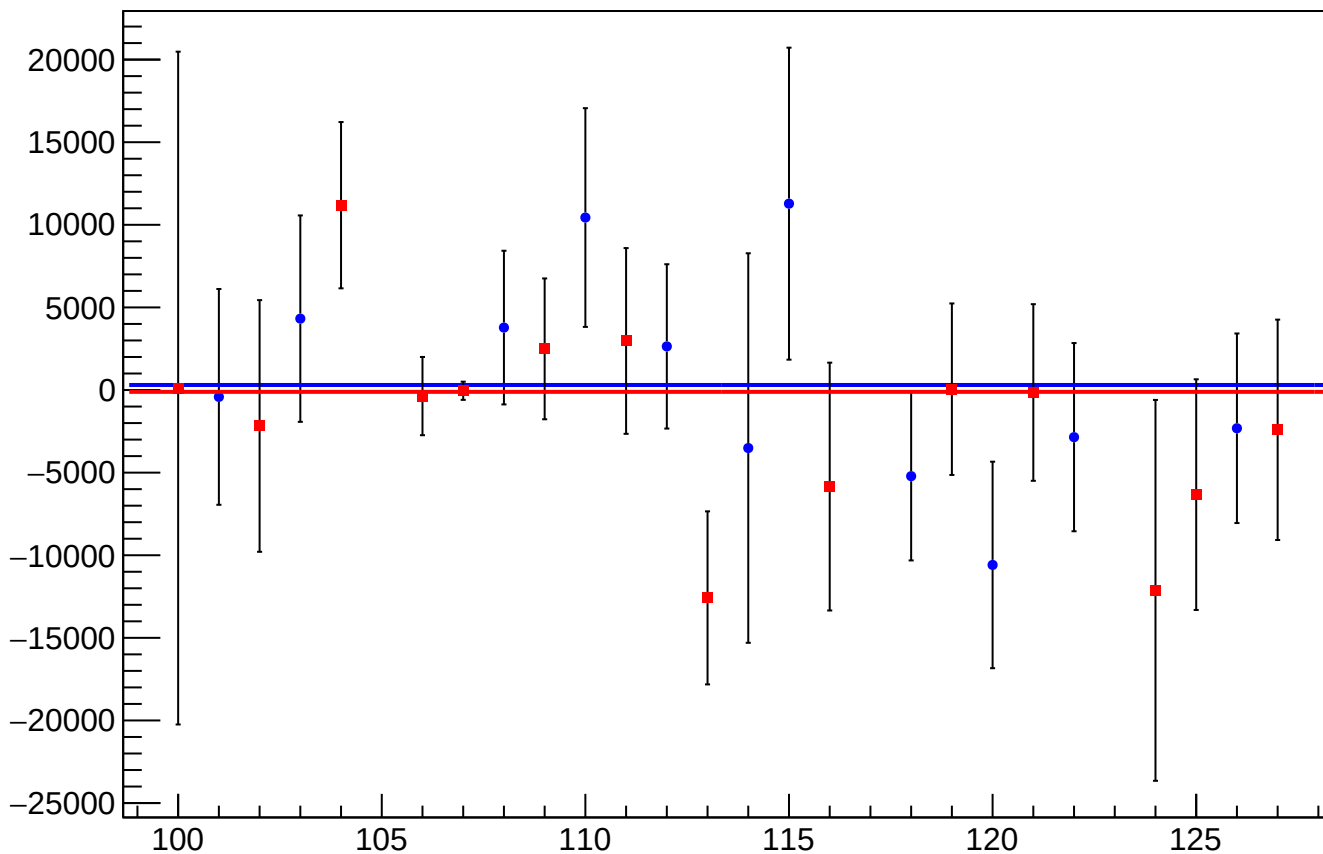
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1892.295+/-0.432 χ^2/NDF : 538280.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_reg_correction_mean vs Slug



Right In: 305.758 $\pm$ 1819.102 χ^2 /NDF: 9.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -110.062 $\pm$ 512.859 χ^2 /NDF: 14.1/13

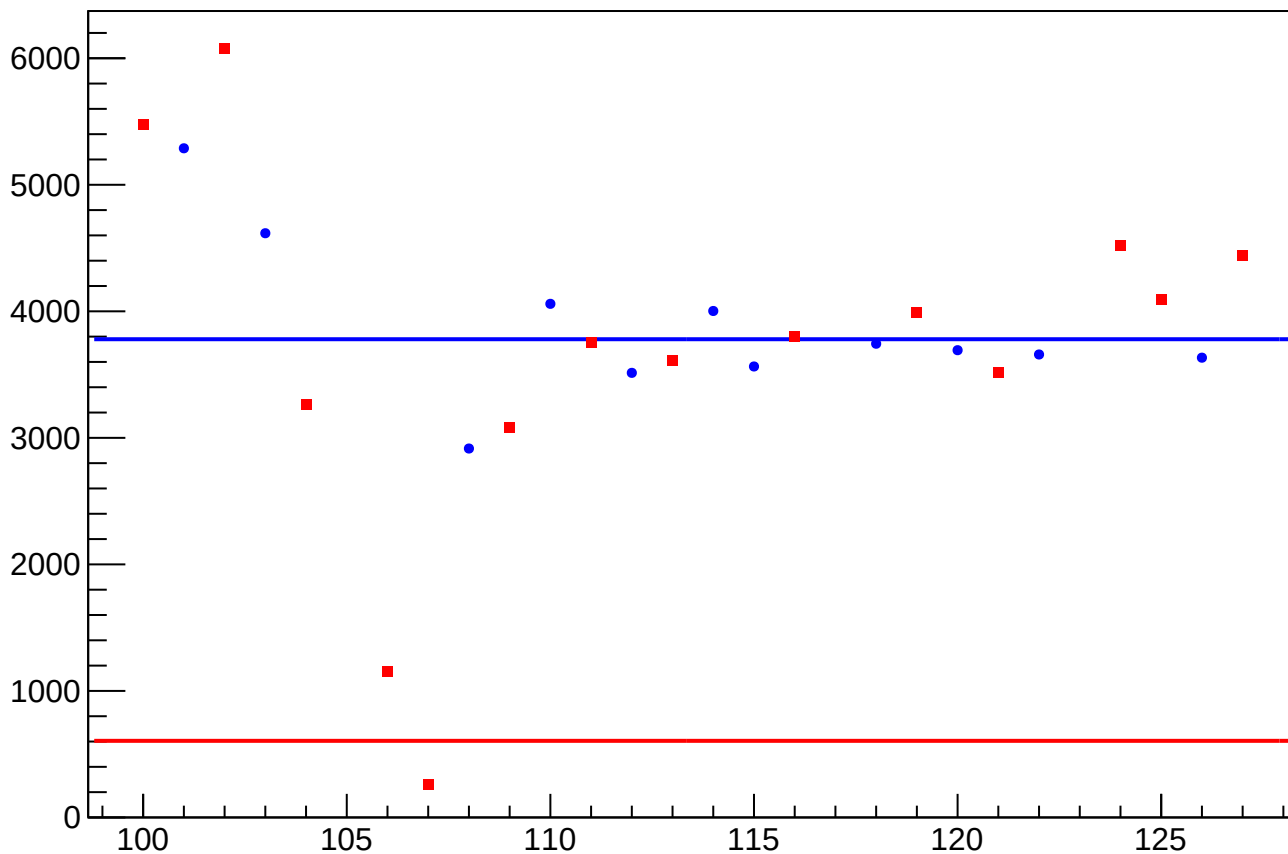
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -79.444 $\pm$ 493.617 χ^2 /NDF: 23.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_reg_correction_rms vs Slug



Right In: 3779.463+/-1.286 χ^2/NDF : 225432.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

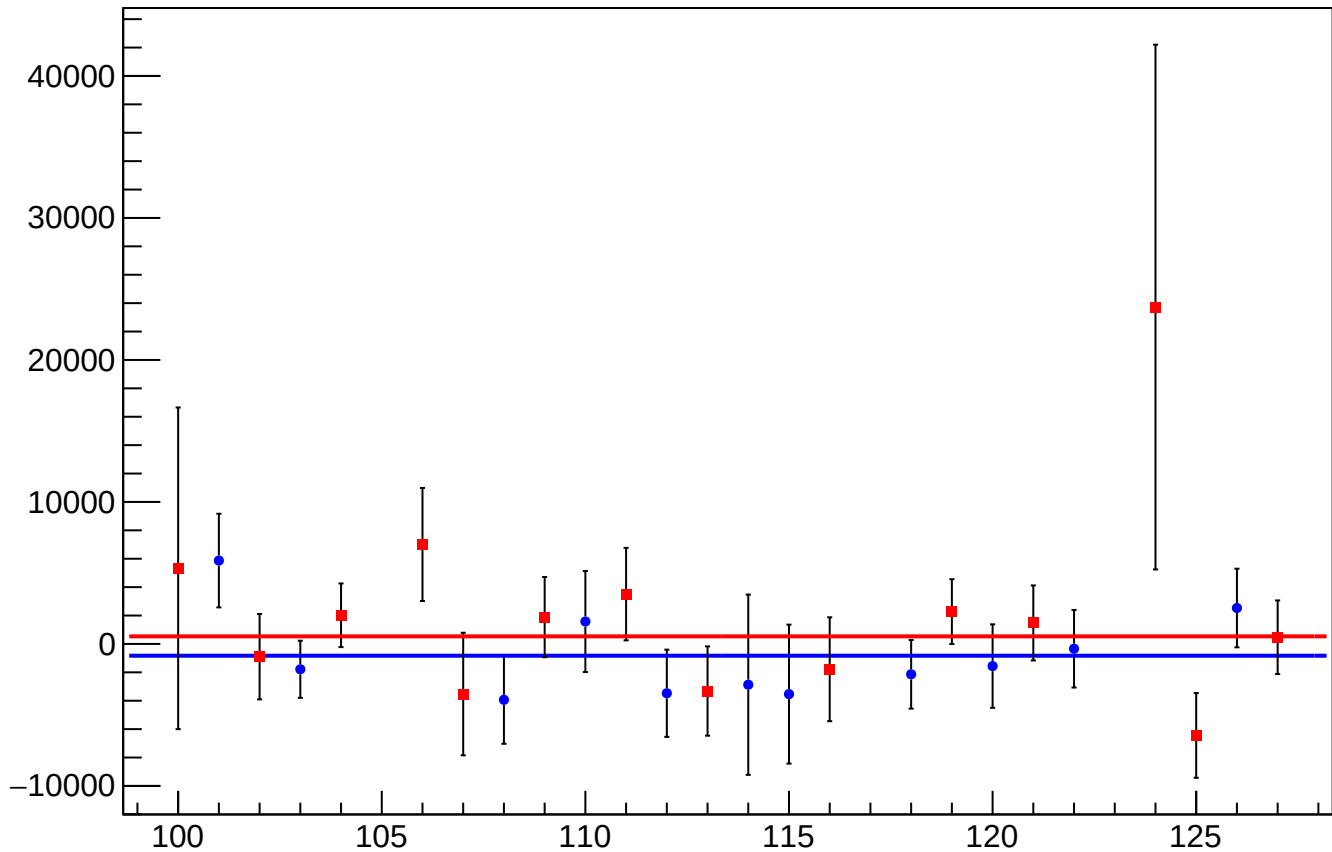
Right Out: 605.525+/-0.363 χ^2/NDF : 7741543.1/13

All: 839.228+/-0.349 χ^2/NDF : 13607203.5/24

- 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_atl1r2_dd_mean vs Slug



Right In: -830.464+/-895.822 χ^2/NDF : 8.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 533.505+/-836.441 χ^2/NDF : 15.1/13

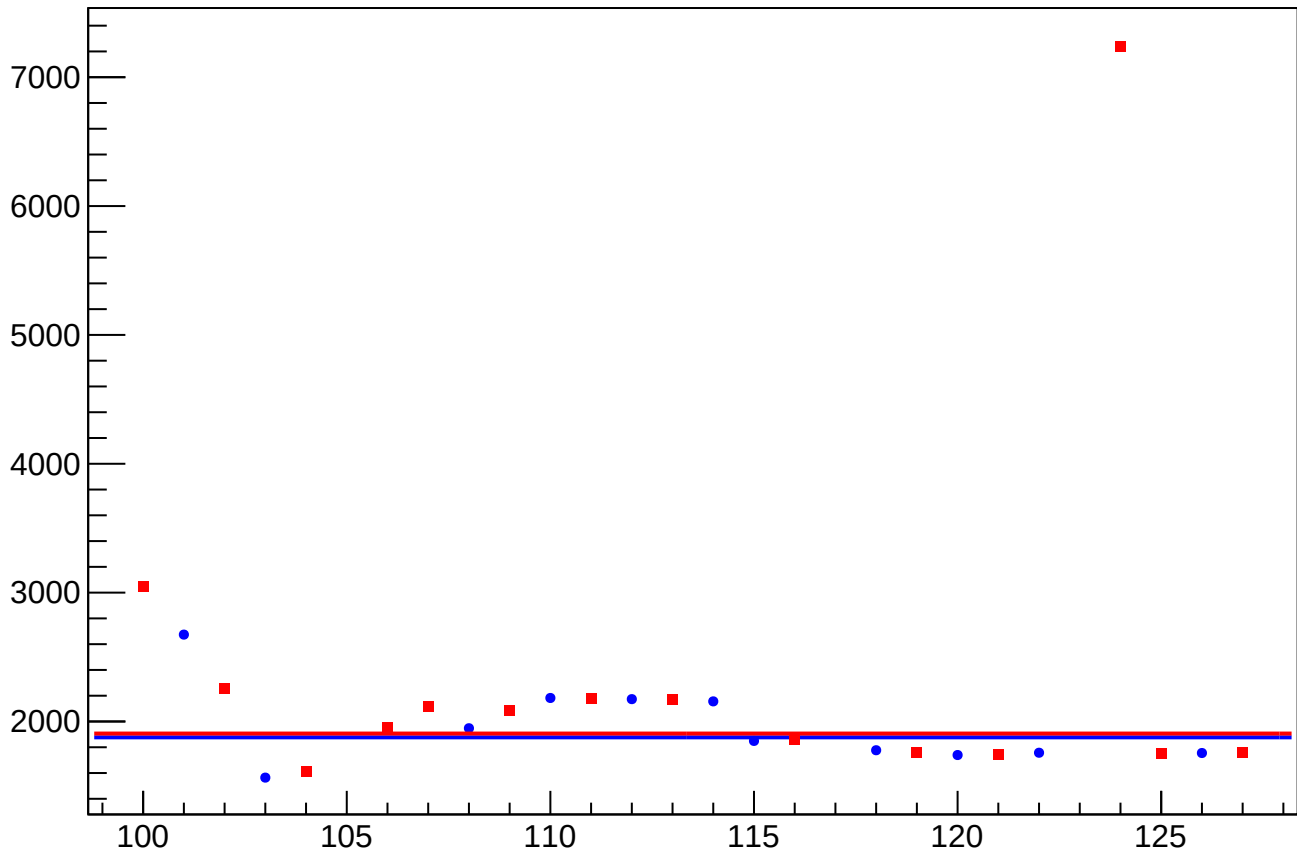
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -101.779+/-611.369 χ^2/NDF : 25.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1r2_dd_rms vs Slug



Right In: 1876.852+/-0.633 χ^2/NDF : 219005.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1906.325+/-0.590 χ^2/NDF : 318323.6/13

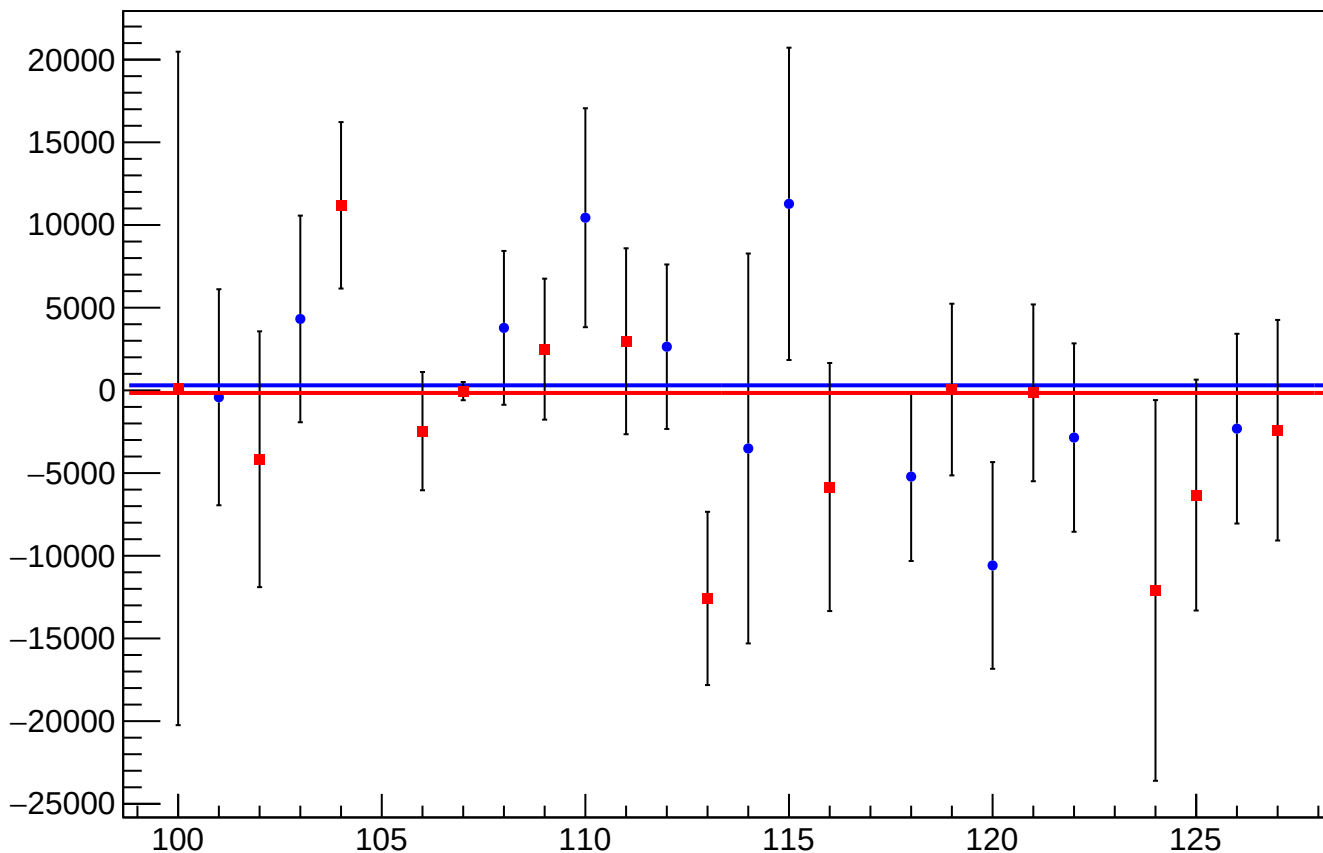
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1892.641+/-0.432 χ^2/NDF : 538488.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_cor_correction_mean vs Slug



Right In: 305.704 $\pm$ 1819.112 χ^2 /NDF: 9.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -155.552 $\pm$ 519.743 χ^2 /NDF: 14.7/13

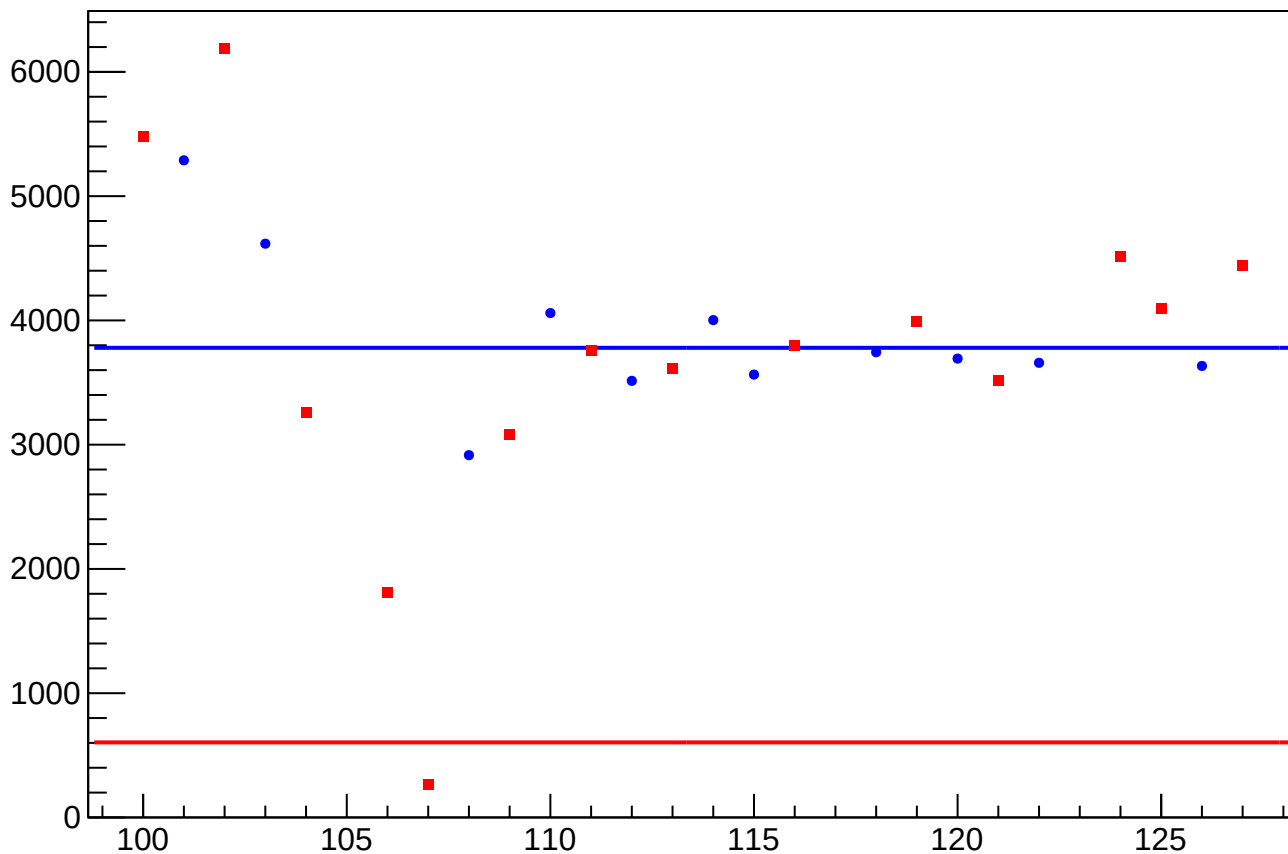
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -120.741 $\pm$ 499.746 χ^2 /NDF: 24.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_cor_correction_rms vs Slug



Right In: 3779.476+/-1.286 χ^2/NDF : 225455.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 604.124+/-0.368 χ^2/NDF : 7870008.6/13

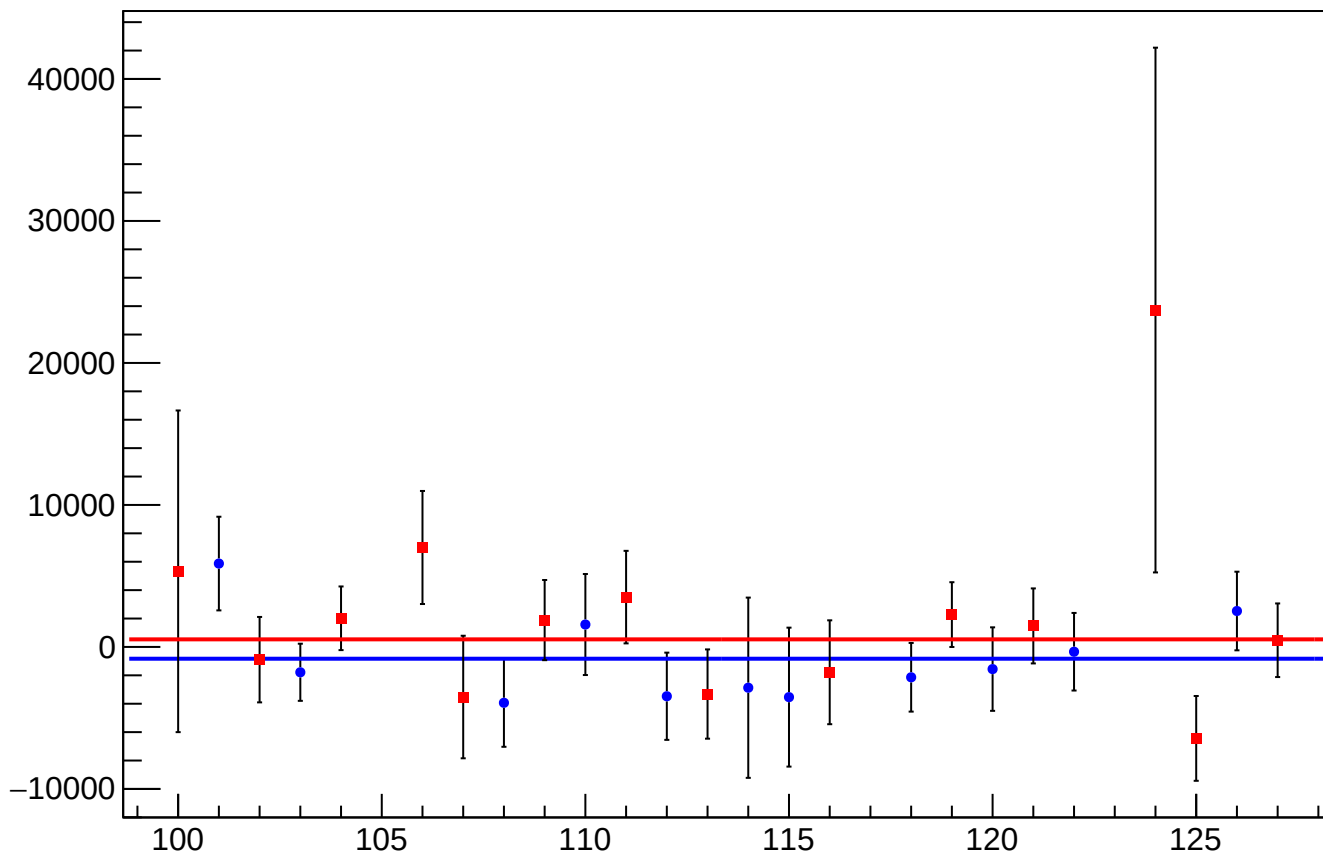
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 843.771+/-0.353 χ^2/NDF : 13729443.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1r2_dd_mean vs Slug



Right In: -830.464 $\pm$ 895.822 χ^2 /NDF: 8.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 533.505 $\pm$ 836.441 χ^2 /NDF: 15.1/13

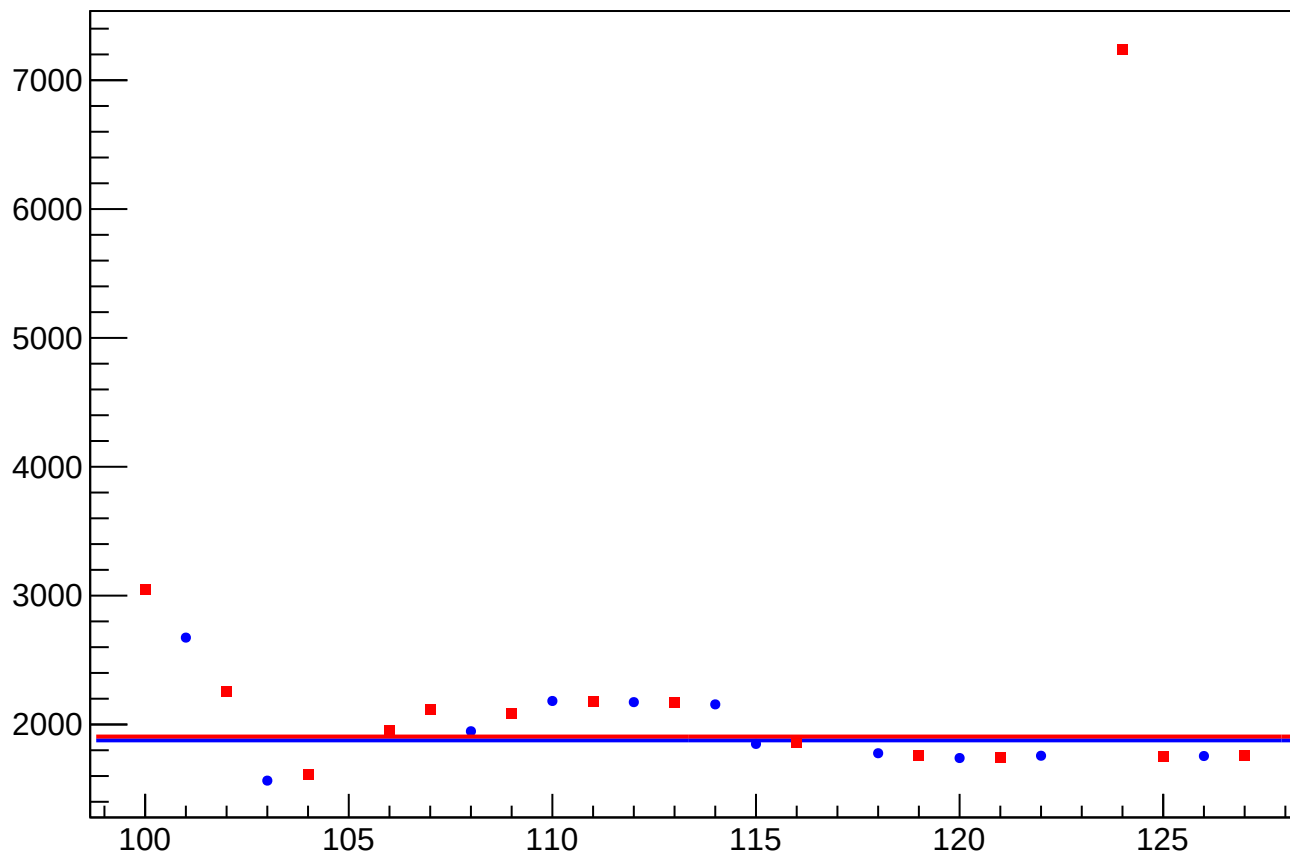
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -101.779 $\pm$ 611.369 χ^2 /NDF: 25.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl1r2_dd_rms vs Slug



Right In: 1876.852+/-0.633 χ^2/NDF : 219005.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1906.325+/-0.590 χ^2/NDF : 318323.6/13

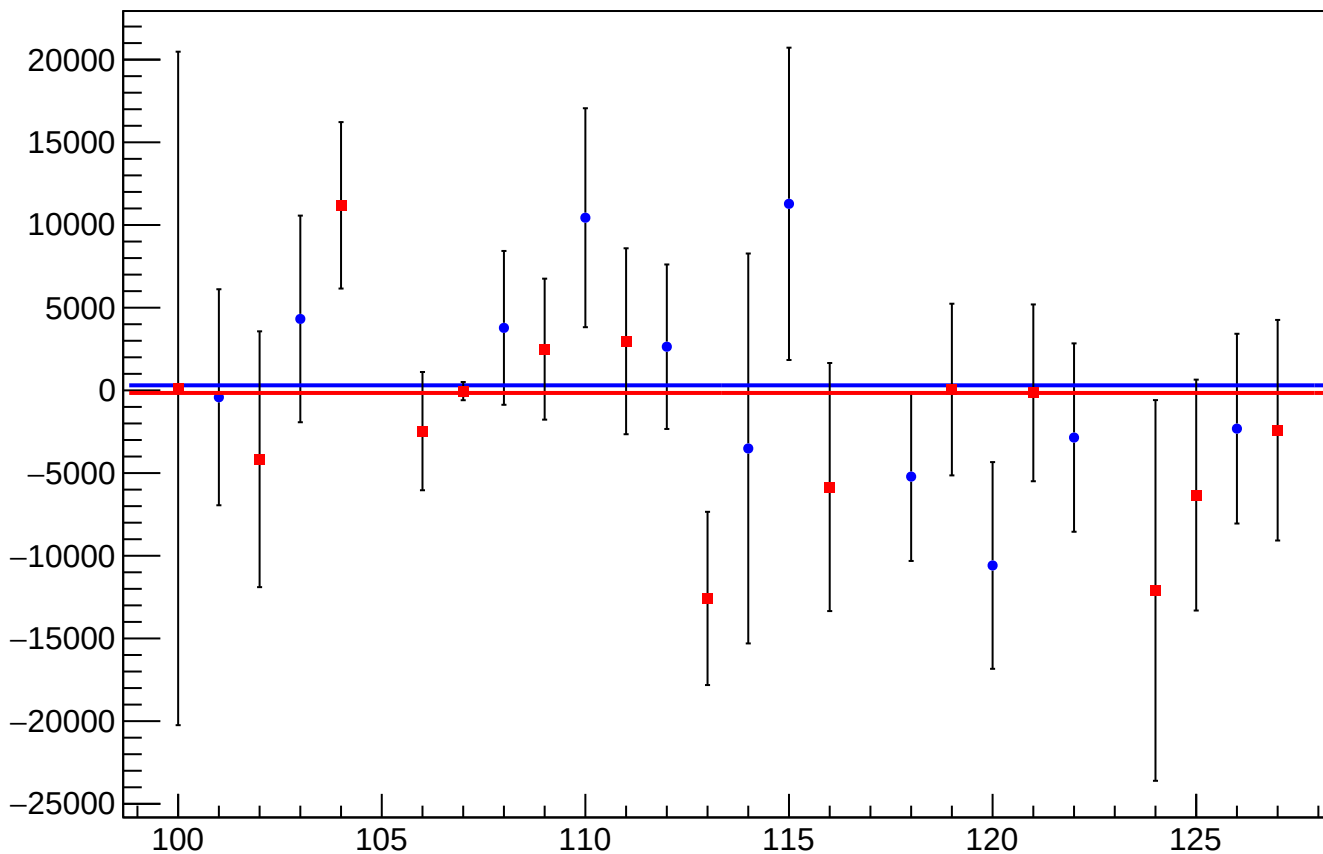
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1892.641+/-0.432 χ^2/NDF : 538488.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_cor_correction_mean vs Slug



Right In: 305.704+/-1819.112 χ^2/NDF : 9.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -155.552+/-519.743 χ^2/NDF : 14.7/13

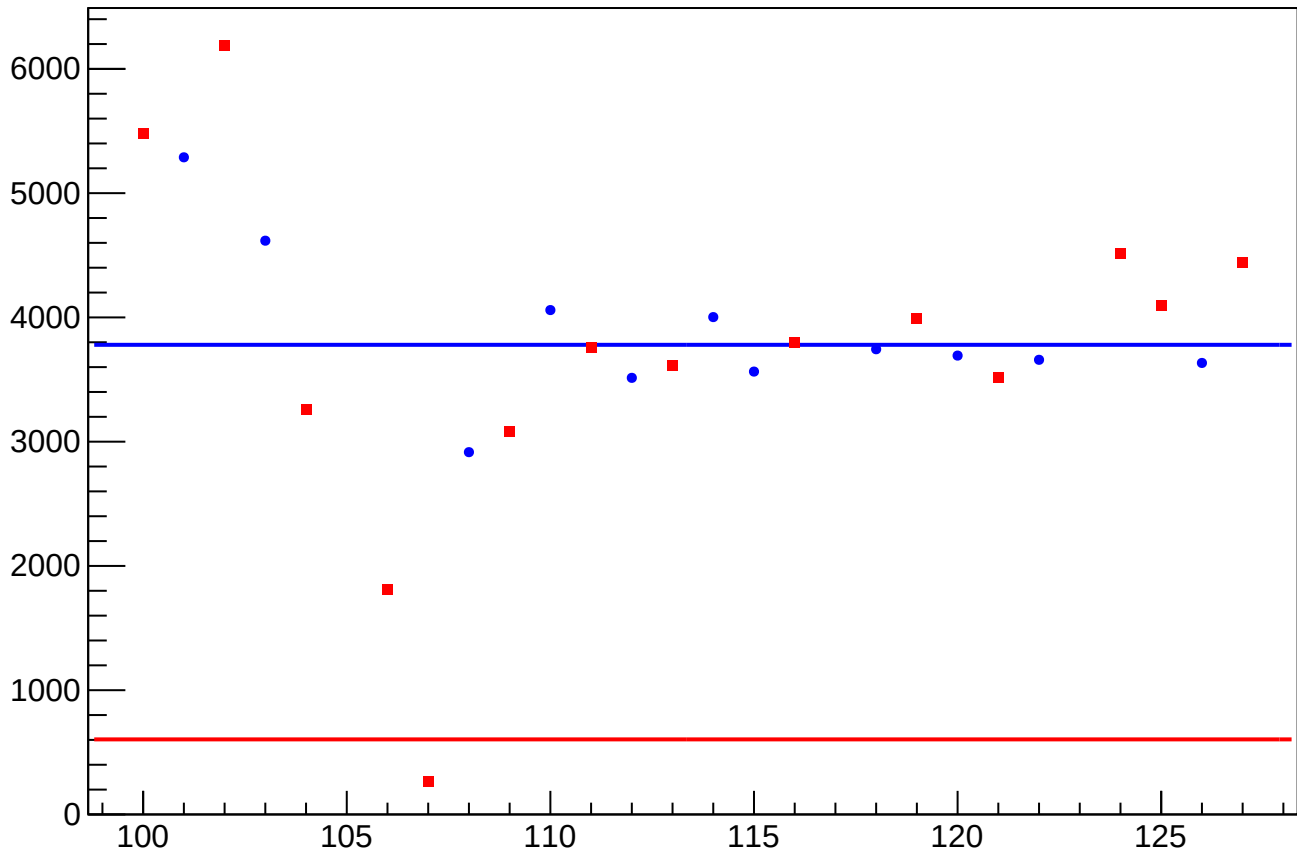
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -120.741+/-499.746 χ^2/NDF : 24.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_cor_correction_rms vs Slug



Right In: 3779.476+/-1.286 χ^2/NDF : 225455.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

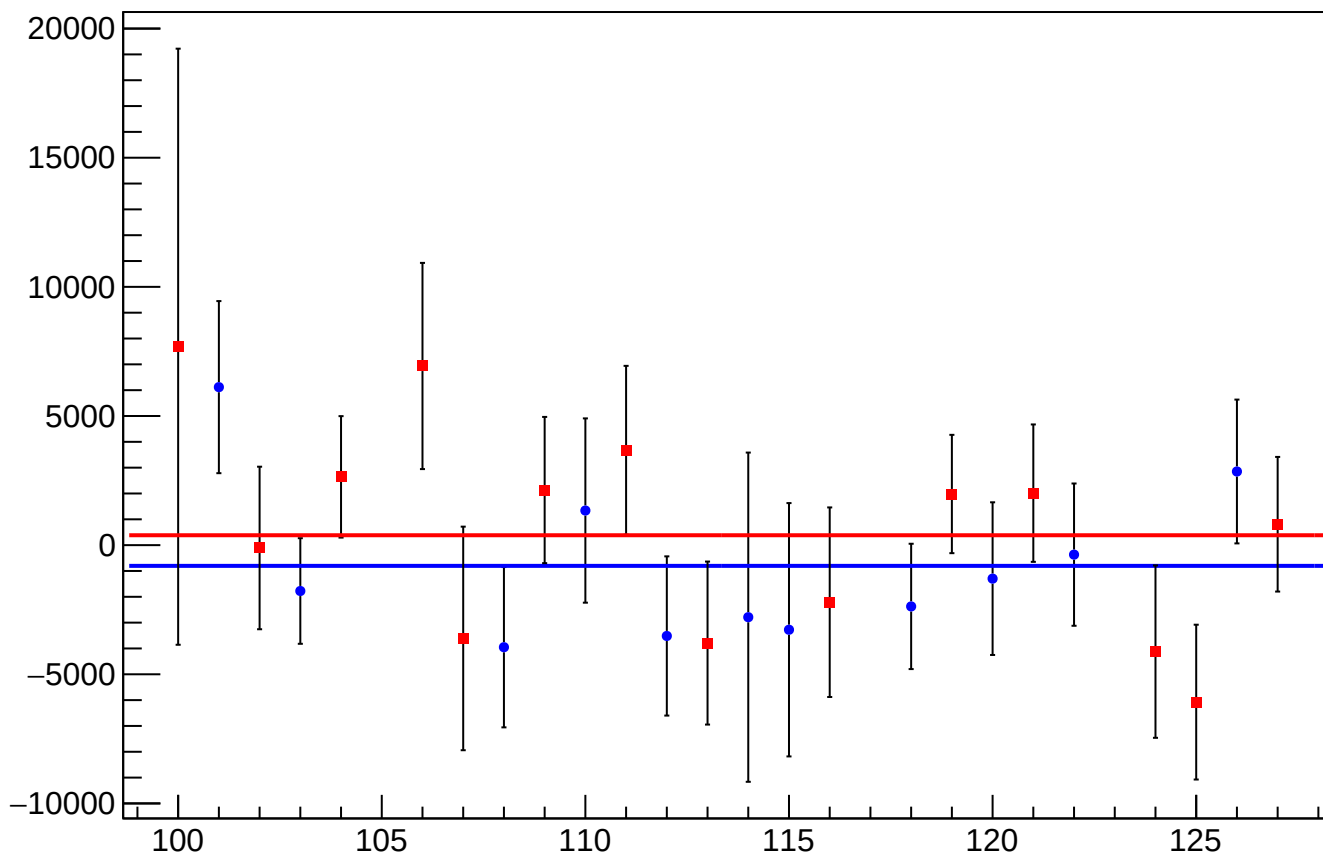
Right Out: 604.124+/-0.368 χ^2/NDF : 7870008.6/13

All: 843.771+/-0.353 χ^2/NDF : 13729443.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_dd_mean vs Slug



Right In: -802.250+/-902.263 χ^2/NDF : 9.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 383.426+/-822.293 χ^2/NDF : 15.9/13

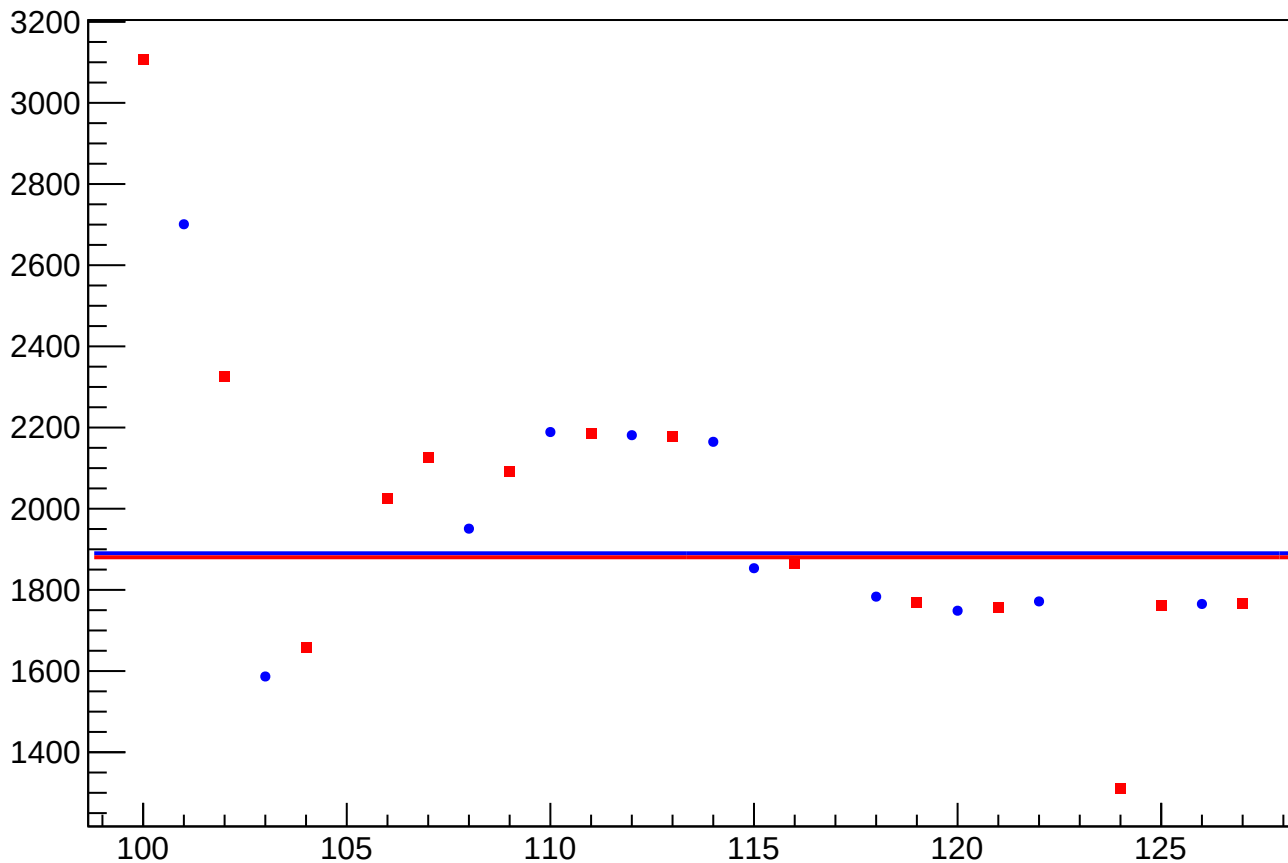
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -154.549+/-607.758 χ^2/NDF : 26.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_dd_rms vs Slug



Right In: 1890.147+/-0.638 χ^2/NDF : 215135.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1880.340+/-0.581 χ^2/NDF : 210773.6/13

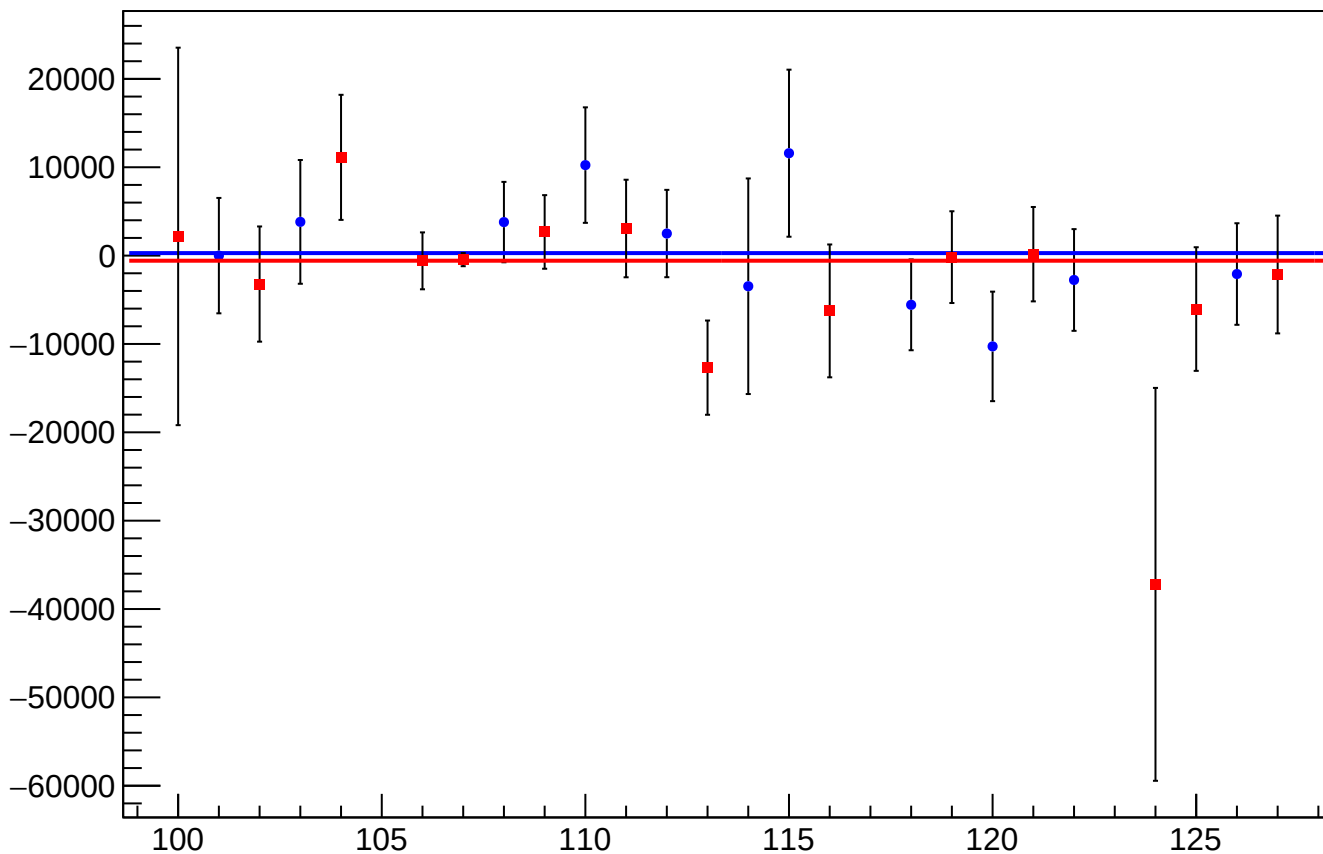
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1884.784+/-0.429 χ^2/NDF : 426038.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_dit_correction_mean vs Slug



Right In: 283.610 $\pm$ 1829.709 χ^2 /NDF: 9.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -577.922 $\pm$ 674.075 χ^2 /NDF: 13.1/13

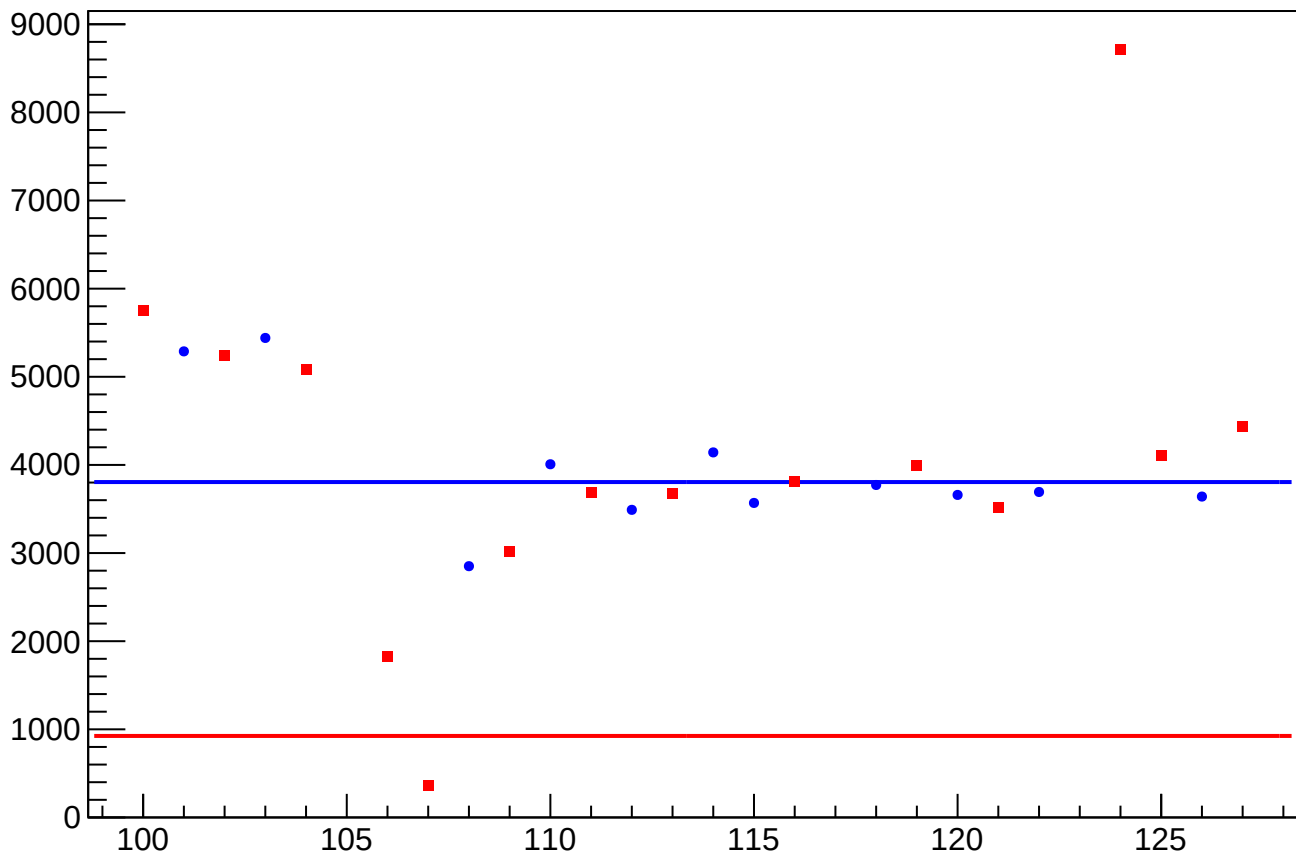
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -474.966 $\pm$ 632.517 χ^2 /NDF: 22.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_dit_correction_rms vs Slug



Right In: 3805.646 $\pm$ 1.294 χ^2 /NDF: 316563.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 924.896 $\pm$ 0.477 χ^2 /NDF: 7159680.0/13

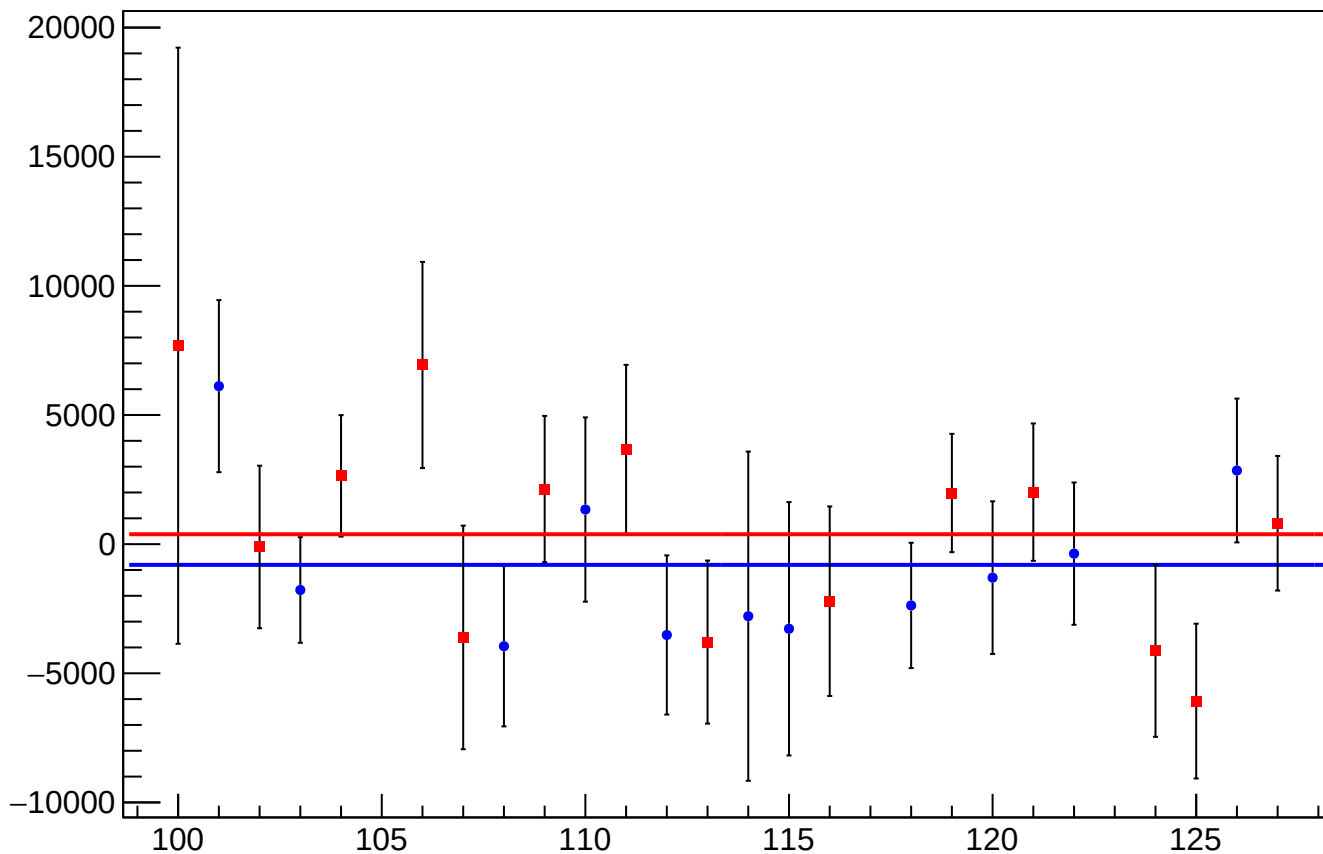
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1269.156 $\pm$ 0.447 χ^2 /NDF: 11841448.5/2

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atl1r2_dd_mean vs Slug



Right In: -802.243+/-902.263 χ^2/NDF : 9.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 383.429+/-822.293 χ^2/NDF : 15.9/13

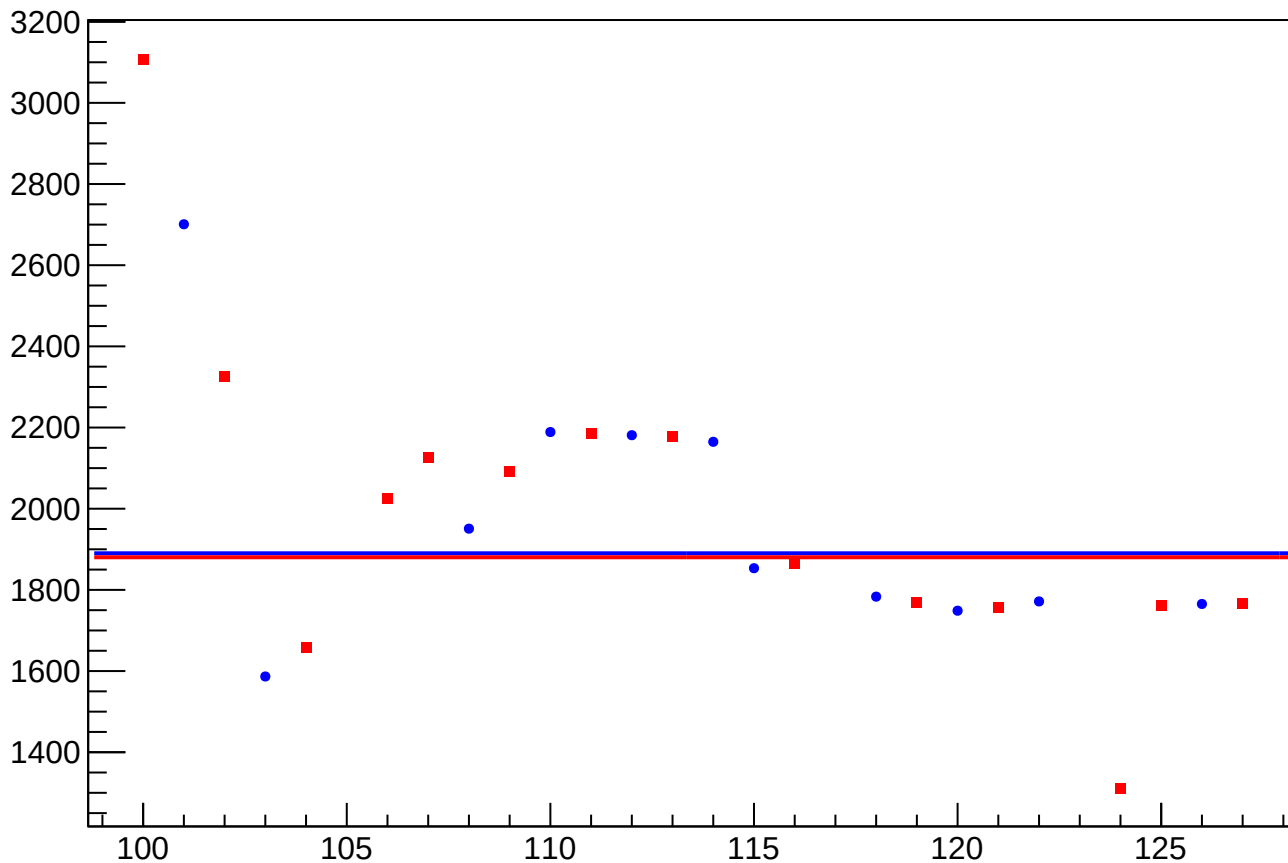
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -154.543+/-607.758 χ^2/NDF : 26.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_dd_rms vs Slug



Right In: 1890.147 $\pm$ 0.638 χ^2 /NDF: 215135.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1880.340 $\pm$ 0.581 χ^2 /NDF: 210774.0/13

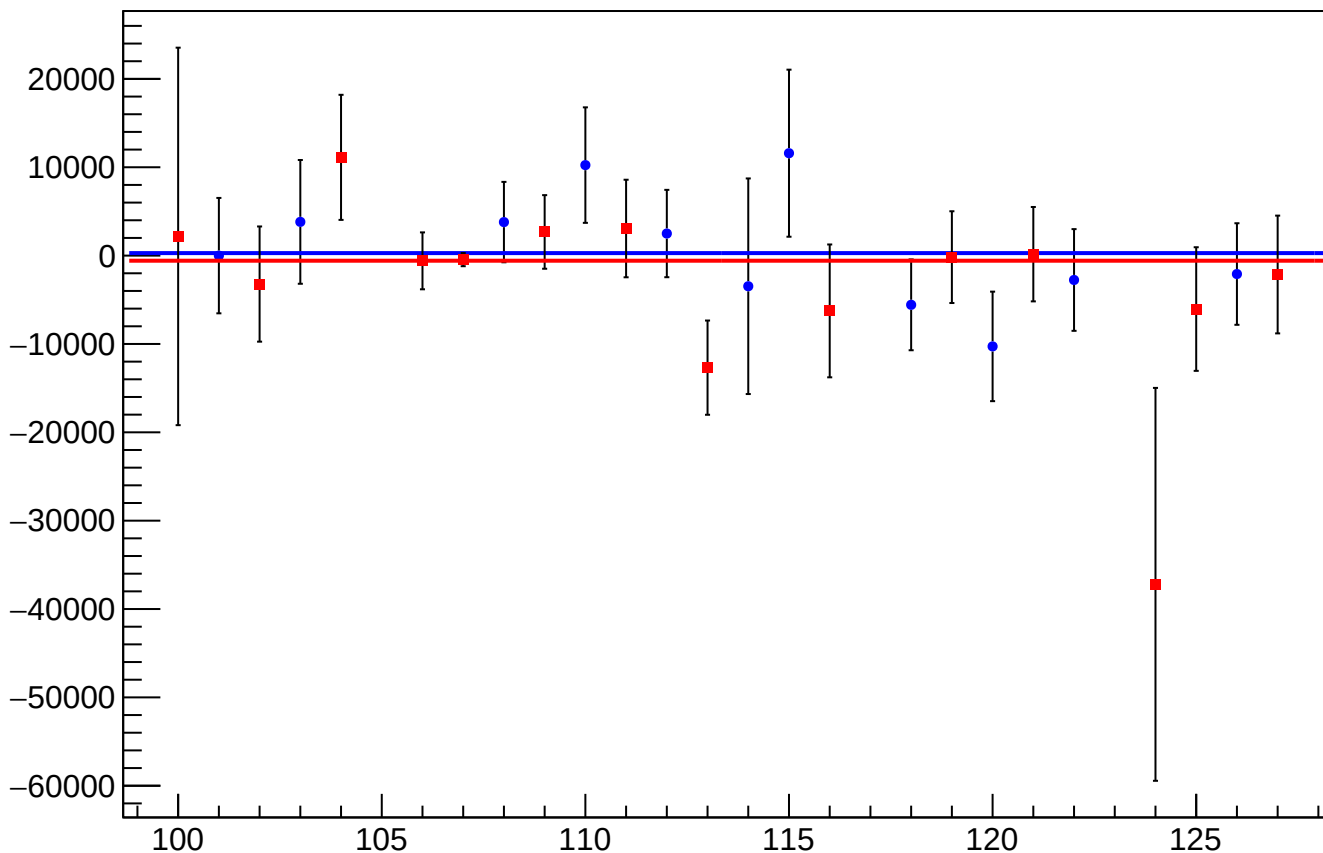
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1884.784 $\pm$ 0.429 χ^2 /NDF: 426038.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_eigen_dit_correction_mean vs Slug



Right In: 283.601 $\pm$ 1829.704 χ^2 /NDF: 9.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -577.933 $\pm$ 674.087 χ^2 /NDF: 13.1/13

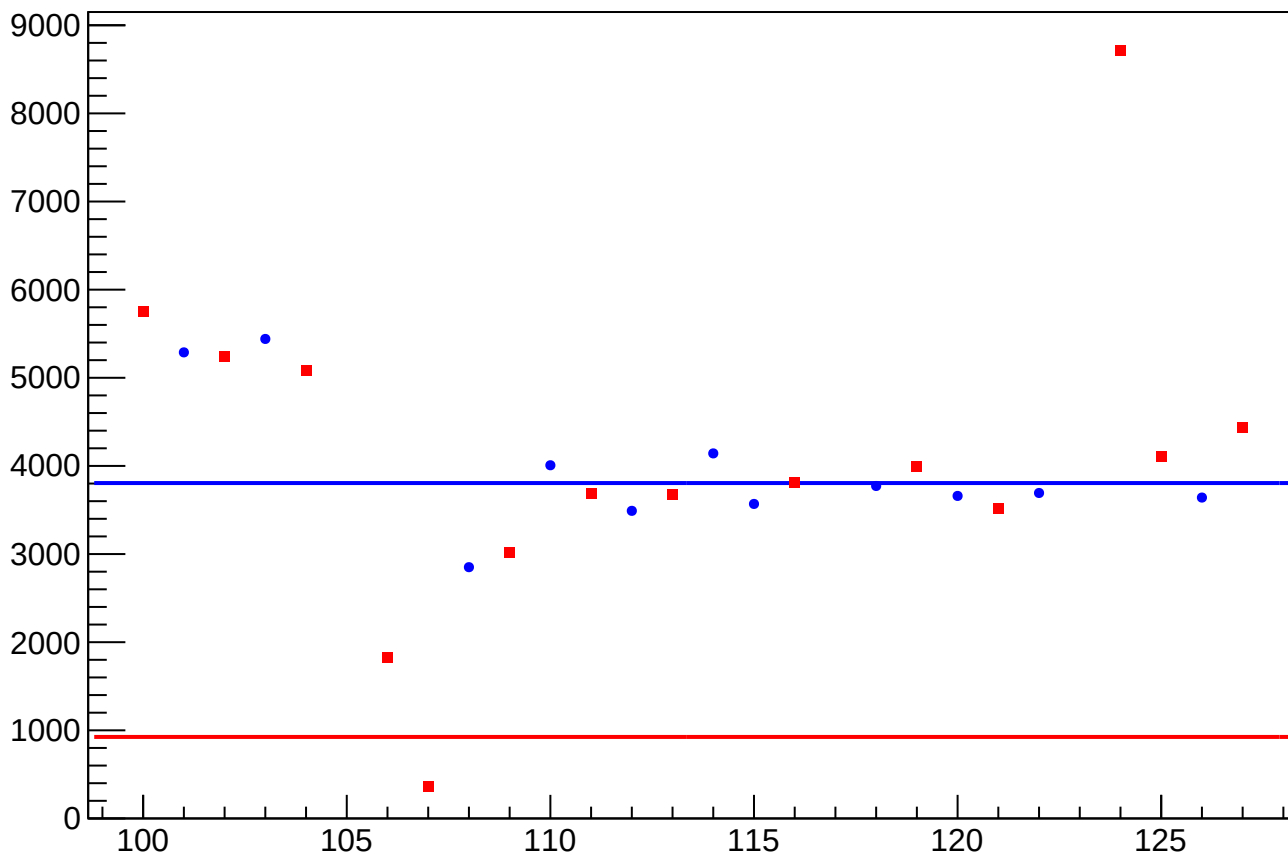
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -474.973 $\pm$ 632.526 χ^2 /NDF: 22.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_eigen_dit_correction_rms vs Slug



Right In: 3805.637+/-1.294 χ^2/NDF : 316563.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

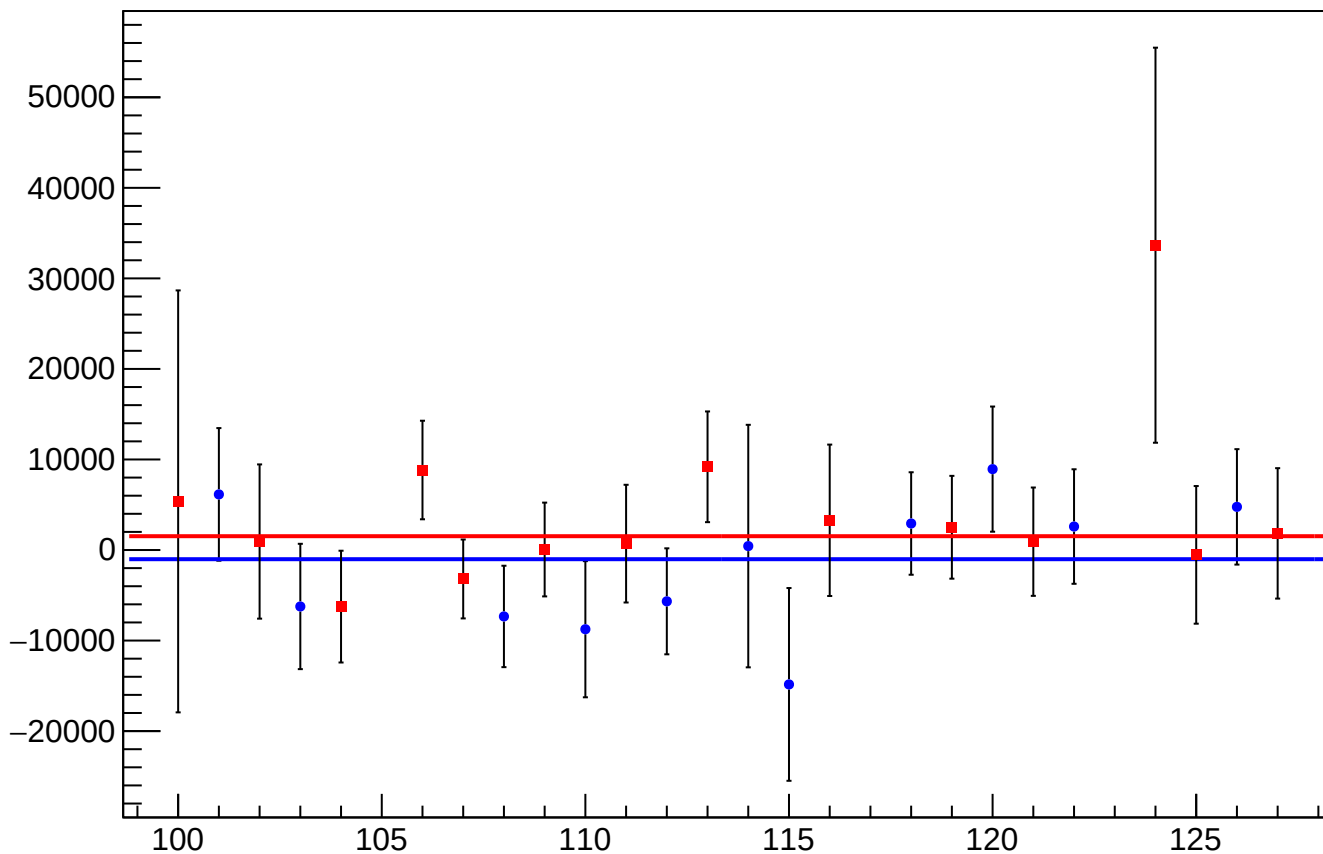
Right Out: 924.923+/-0.477 χ^2/NDF : 7159590.9/13

All: 1269.190+/-0.447 χ^2/NDF : 11841250.5/2

- 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_mean vs Slug



Right In: -1014.124 $\pm$ 2065.212 χ^2 /NDF: 9.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1526.482 $\pm$ 1746.182 χ^2 /NDF: 8.6/13

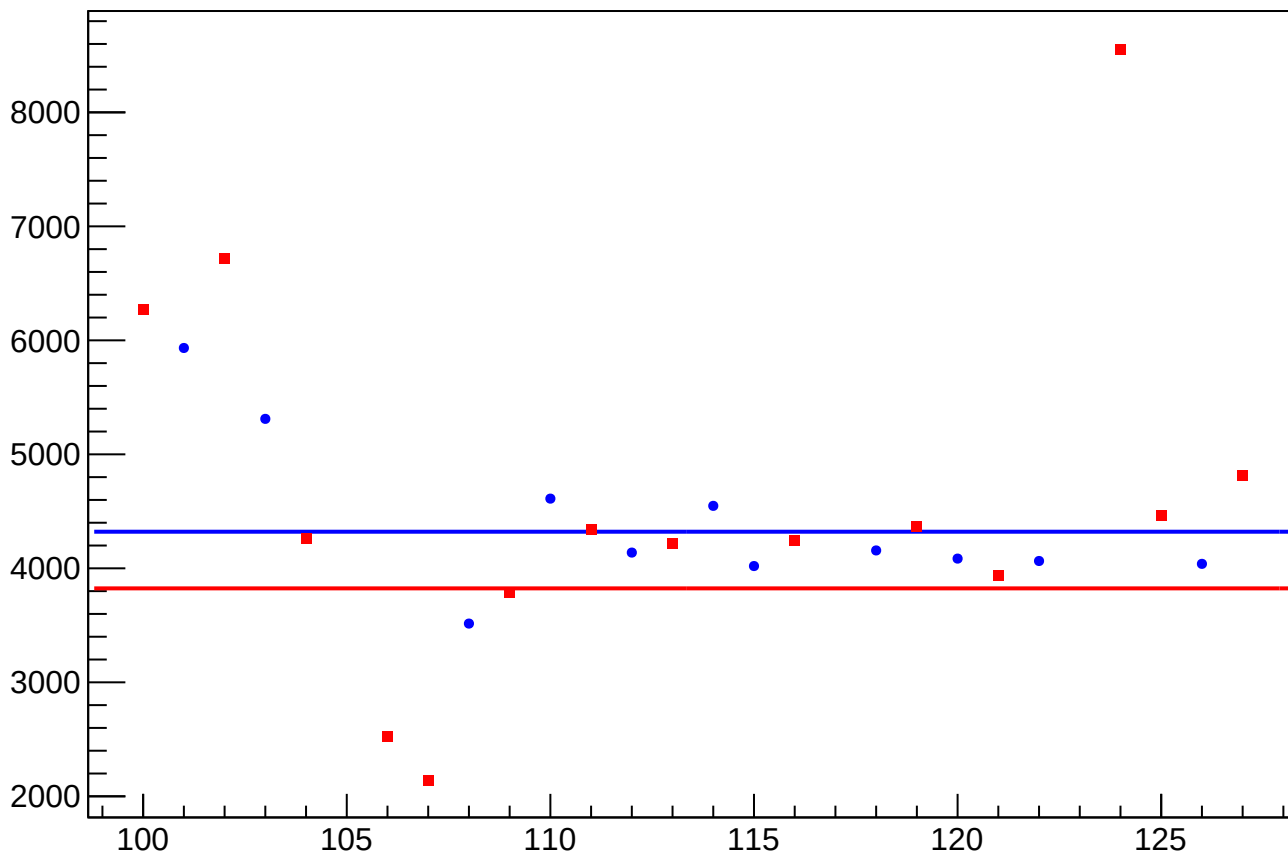
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 467.358 $\pm$ 1333.427 χ^2 /NDF: 19.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_rms vs Slug



Right In: 4321.200+/-1.460 χ^2/NDF : 197558.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3824.152+/-1.219 χ^2/NDF : 894920.0/13

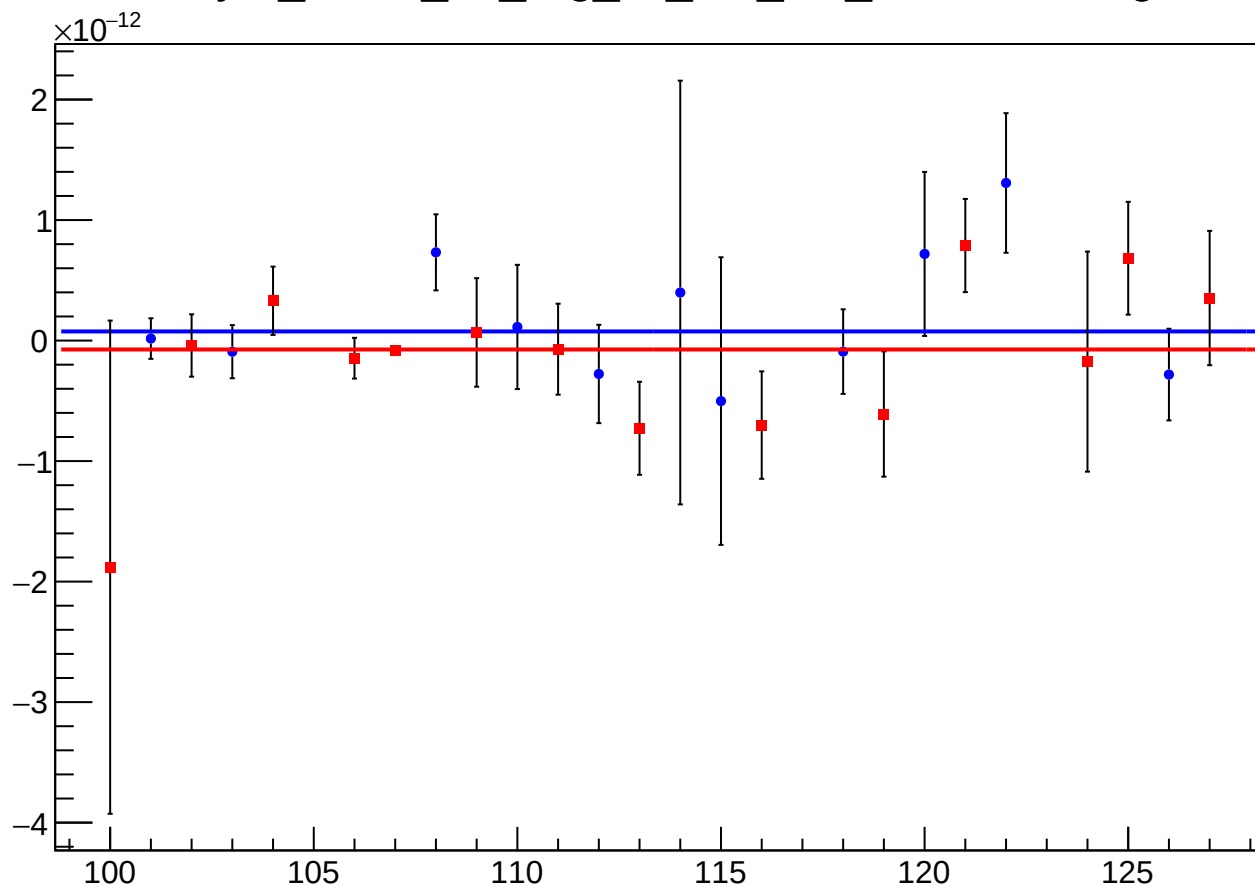
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4028.307+/-0.936 χ^2/NDF : 1160745.3/24

- 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+/-0.000 χ^2/NDF : 12.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.2/13

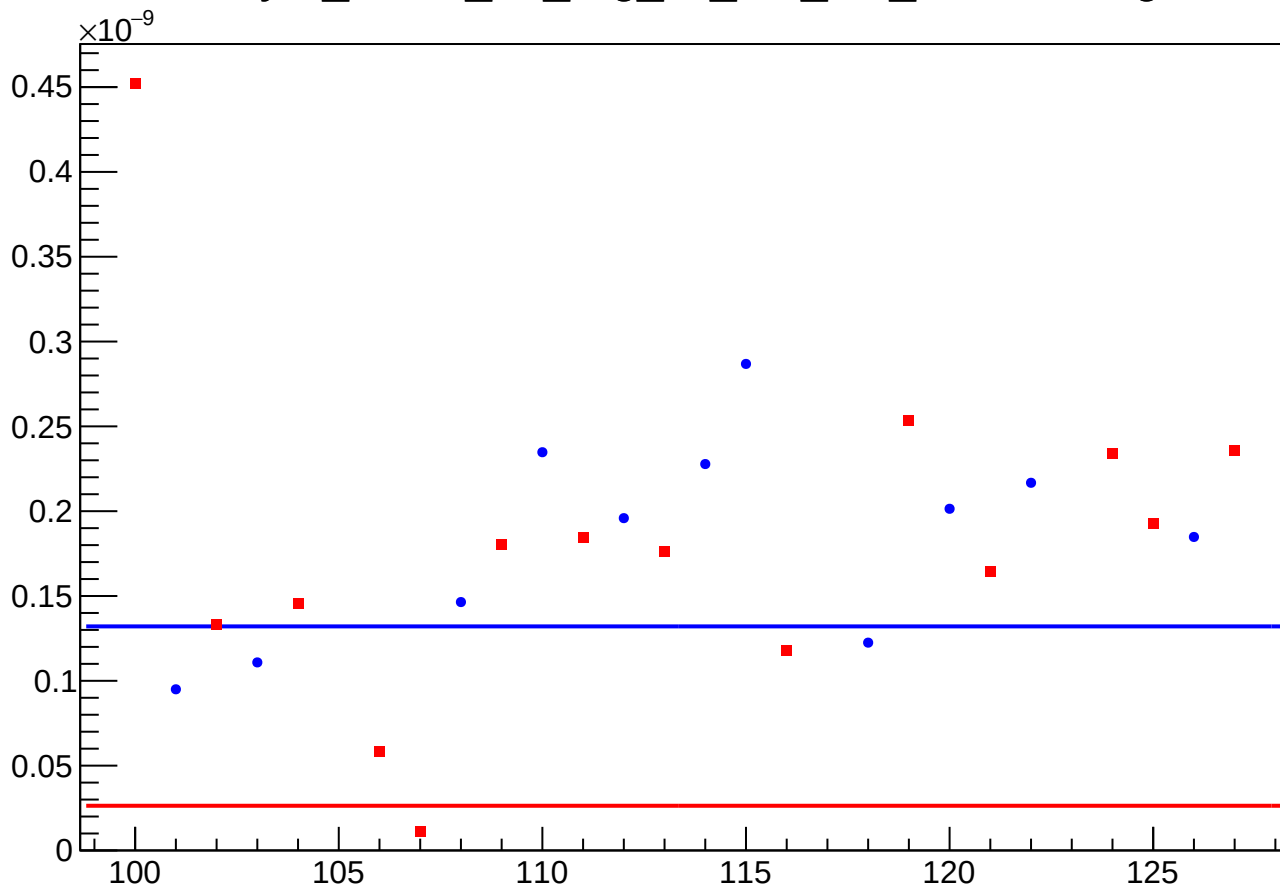
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.8/24

- sign 0.000+/-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 : 390921.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3432948.9/13

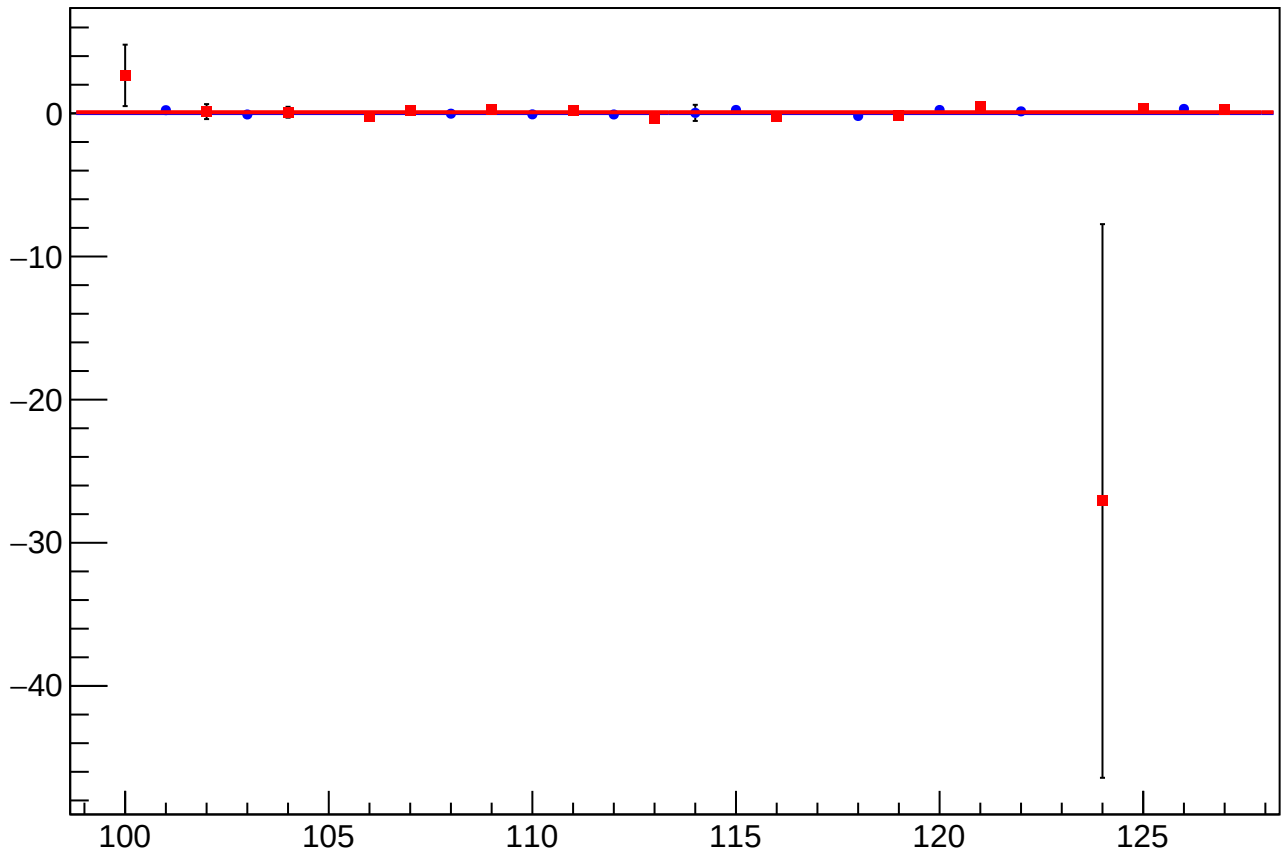
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5765239.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.021+/-0.076 χ^2/NDF : 4.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.080+/-0.069 χ^2/NDF : 15.9/13

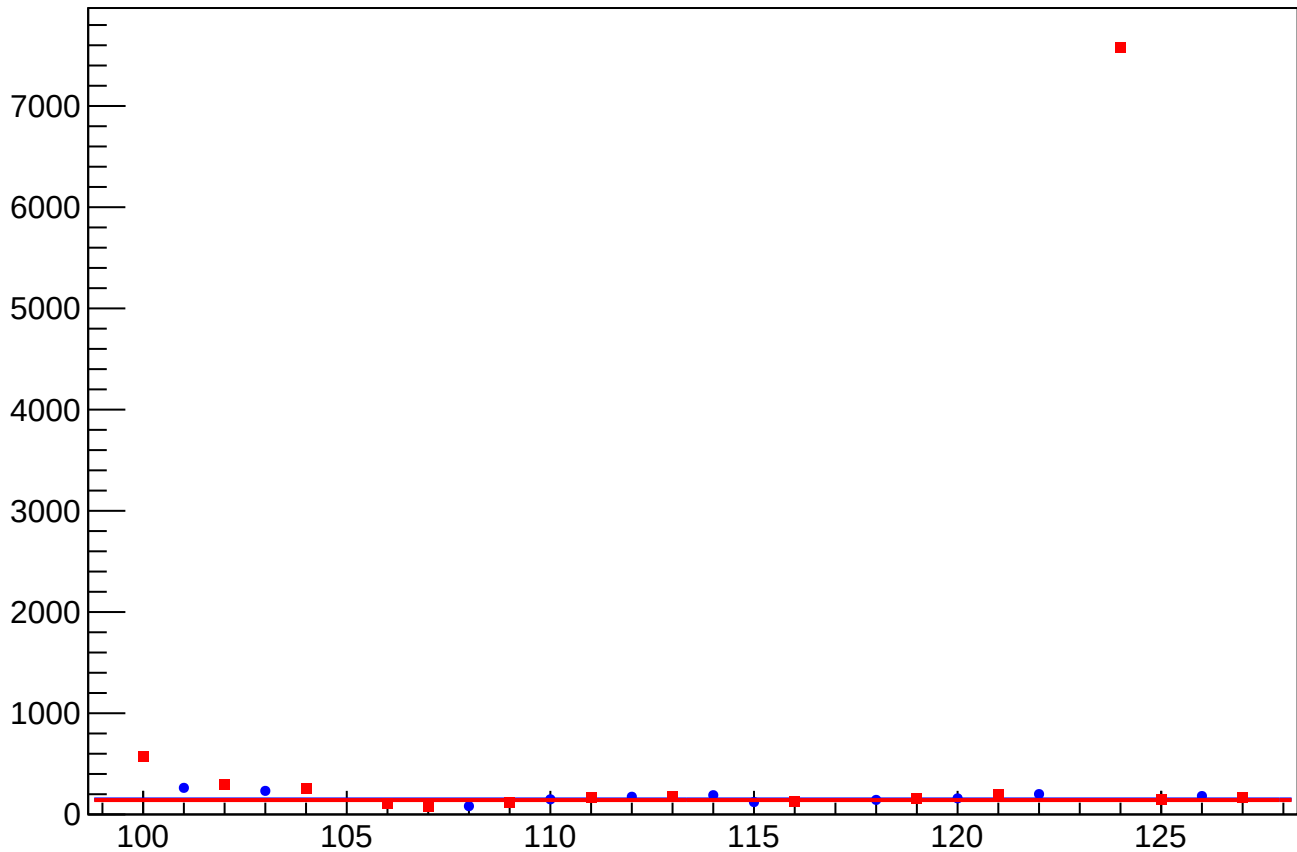
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.053+/-0.051 χ^2/NDF : 20.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 148.279 $\pm$ 0.054 χ^2 /NDF: 938479.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 142.142 $\pm$ 0.049 χ^2 /NDF: 1195742.6/13

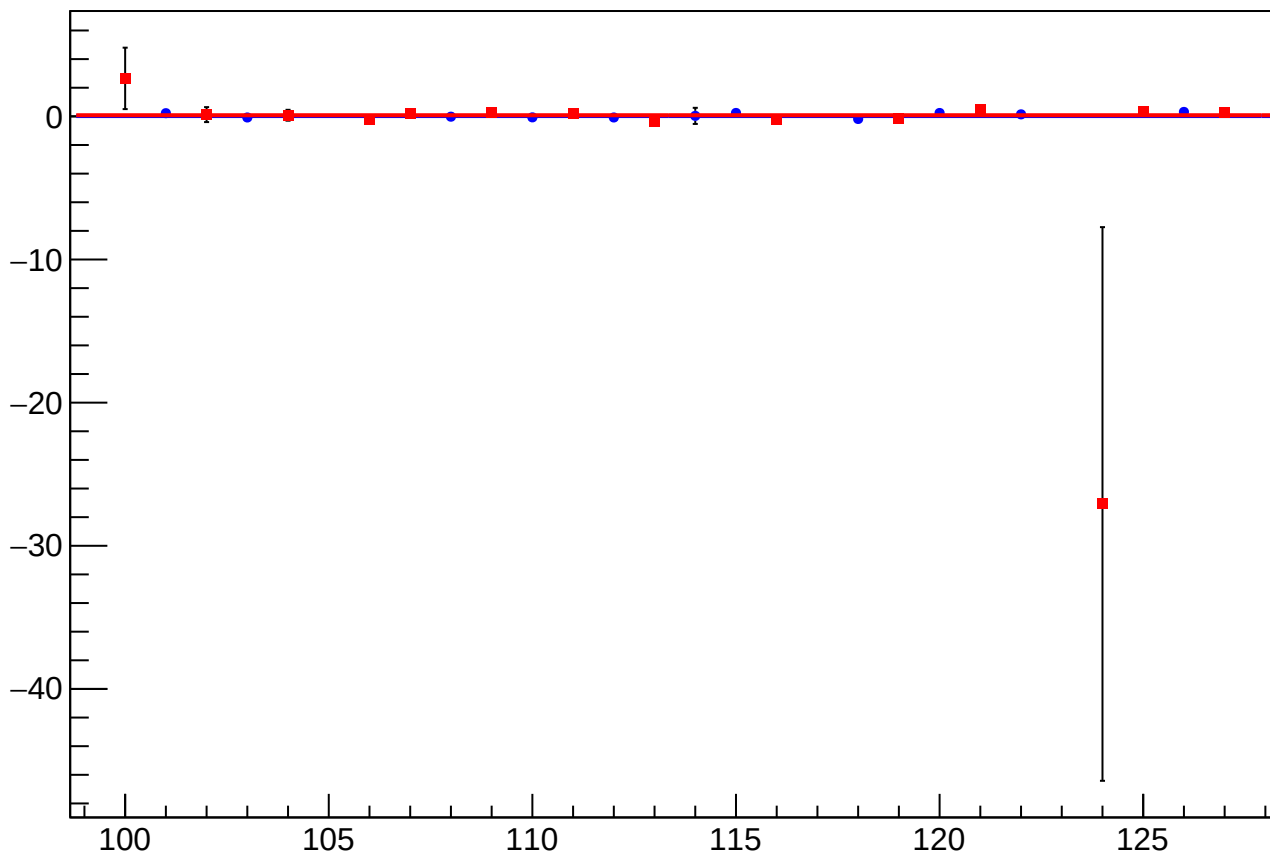
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 144.934 $\pm$ 0.036 χ^2 /NDF: 2141342.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.021+/-0.076 χ^2/NDF : 4.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.080+/-0.069 χ^2/NDF : 15.9/13

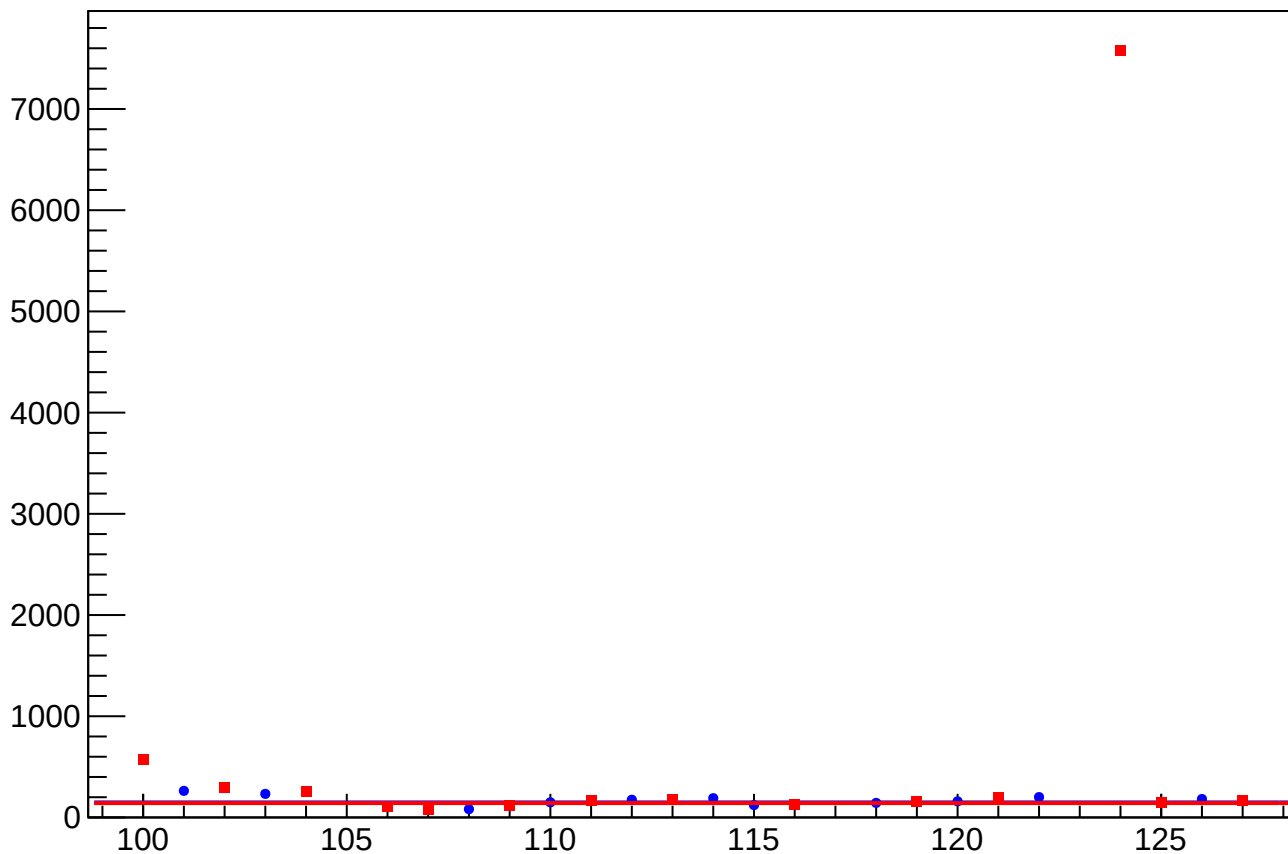
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.053+/-0.051 χ^2/NDF : 20.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 148.279+/-0.054 χ^2/NDF : 938479.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.142+/-0.049 χ^2/NDF : 1195742.6/13

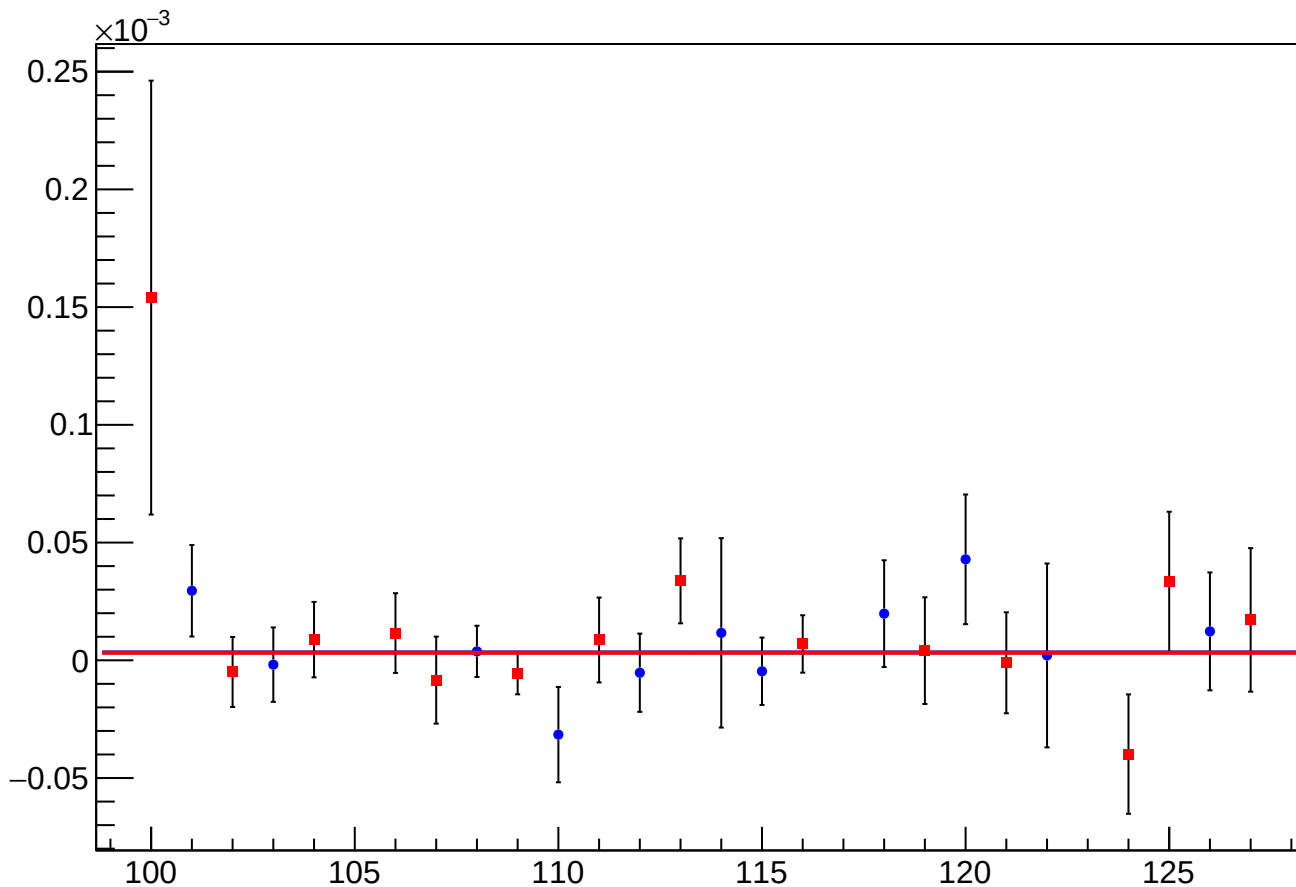
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.934+/-0.036 χ^2/NDF : 2141342.1/24

- sign 0.000+/-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: 8.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.9/13

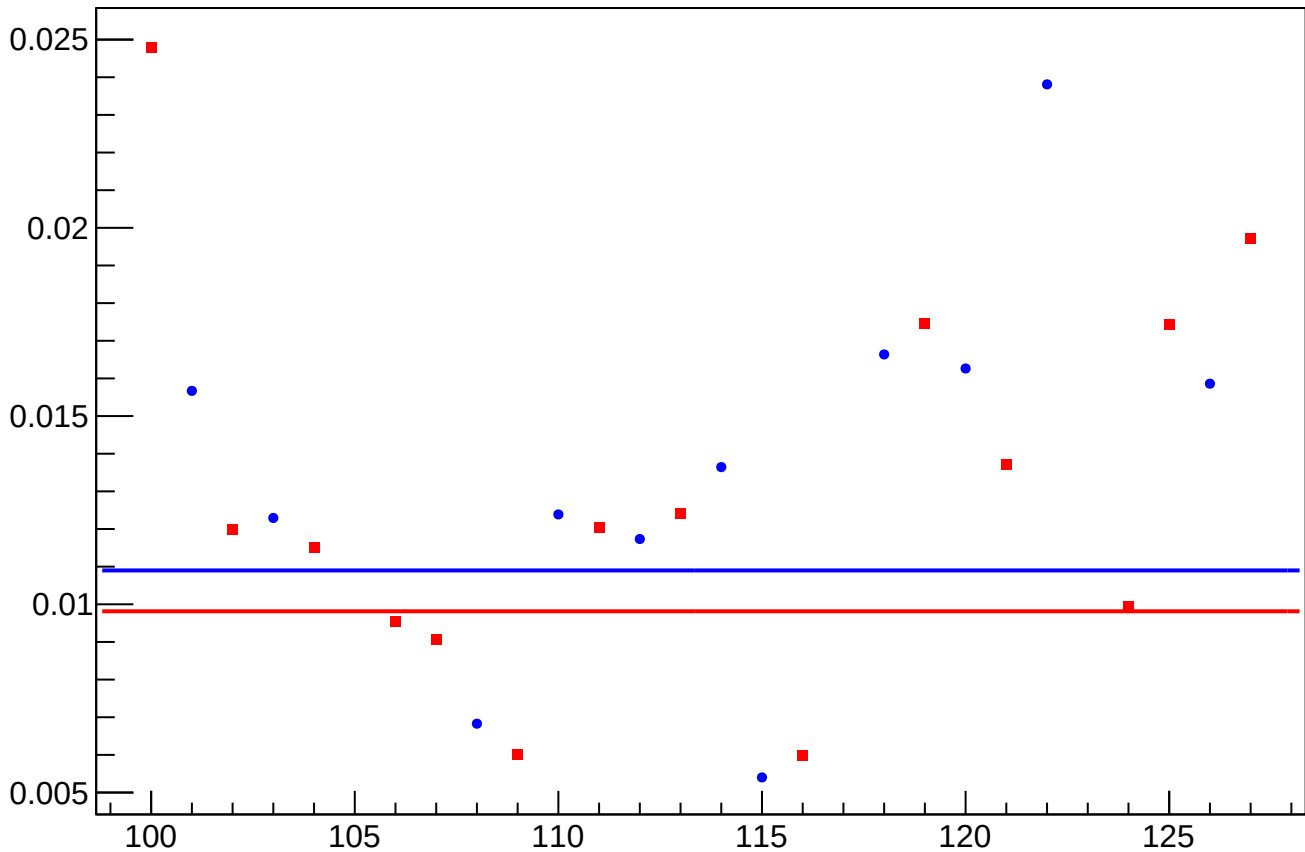
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 20.1/24

- 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: 0.011+/-0.000 χ^2/NDF : 1237354.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 1385151.3/13

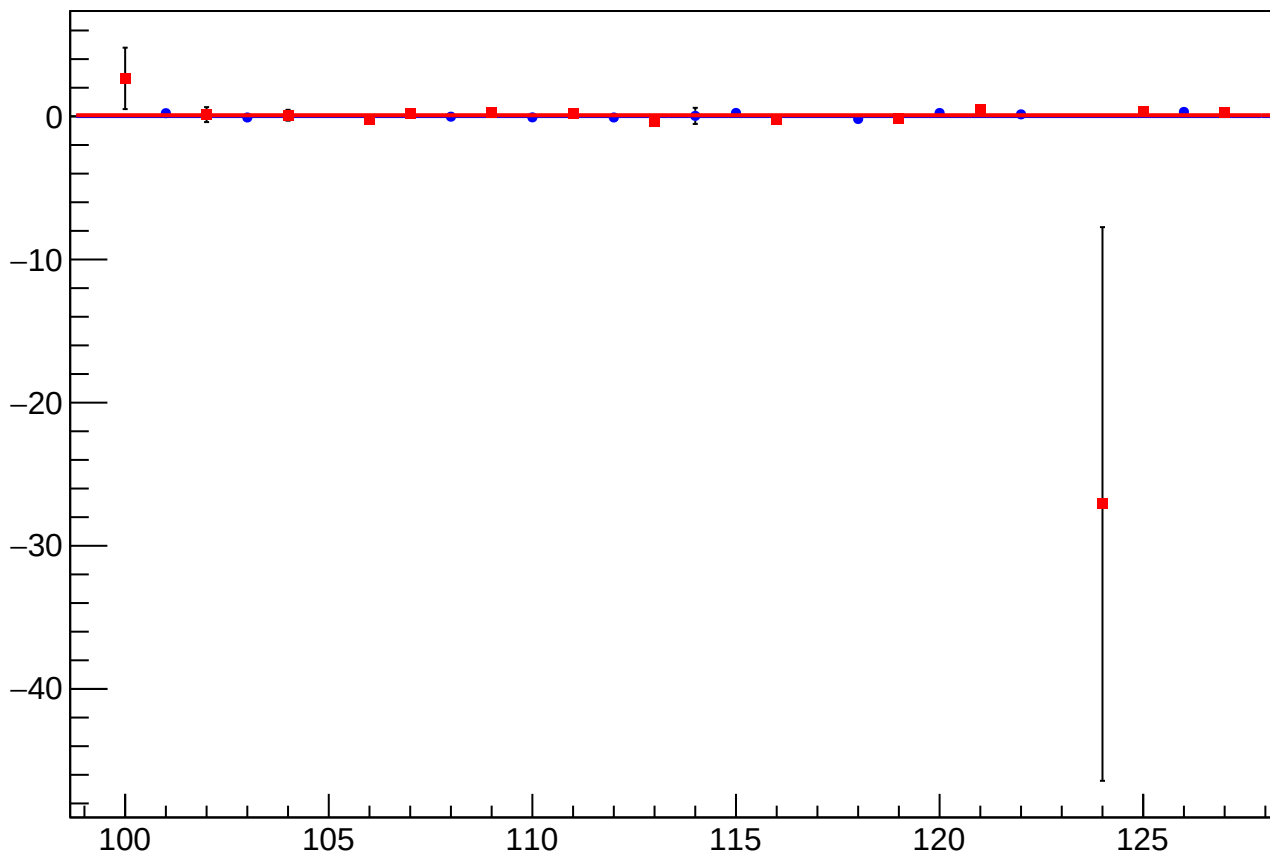
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 2667869.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.021+/-0.076 χ^2/NDF : 4.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.080+/-0.069 χ^2/NDF : 15.9/13

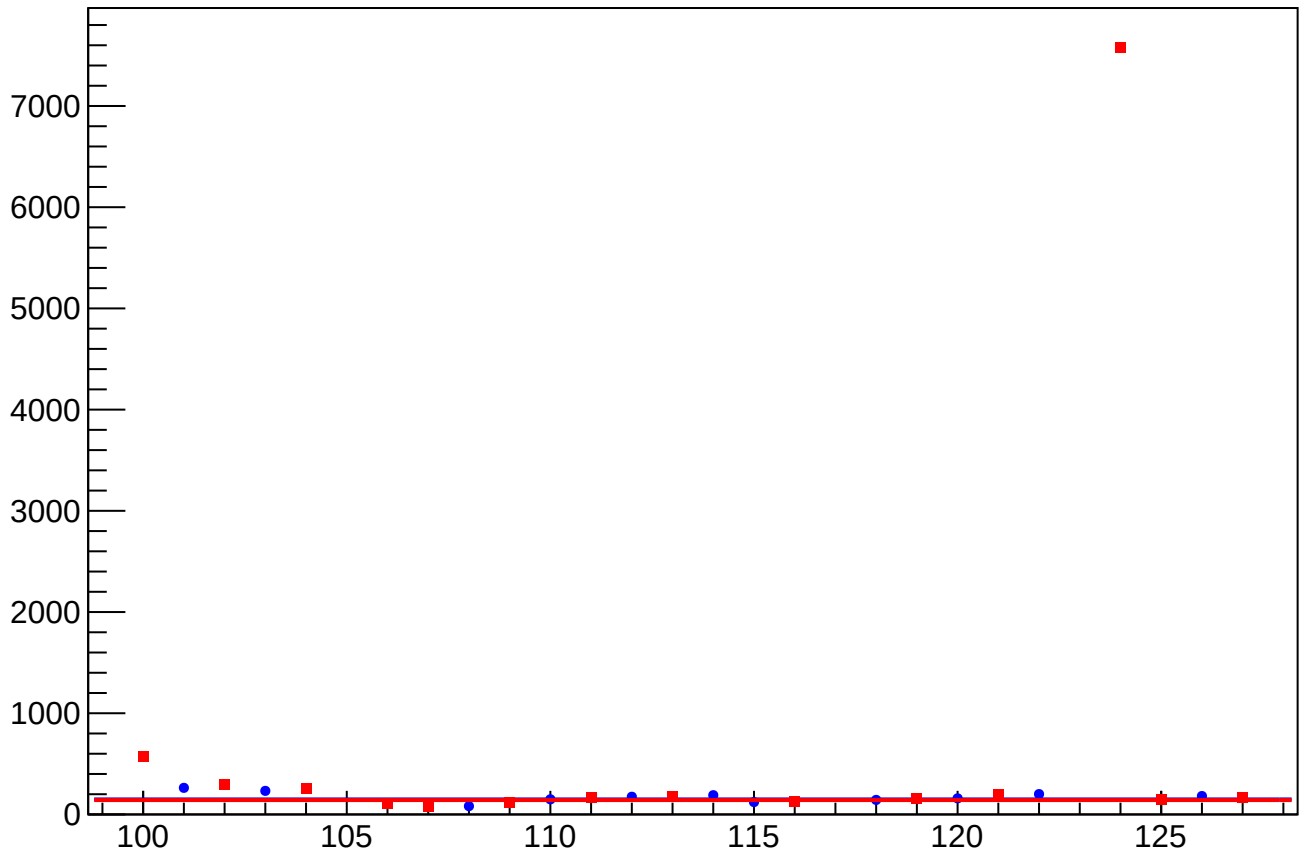
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.053+/-0.051 χ^2/NDF : 20.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 148.279+/-0.054 χ^2/NDF : 938485.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.142+/-0.049 χ^2/NDF : 1195770.6/13

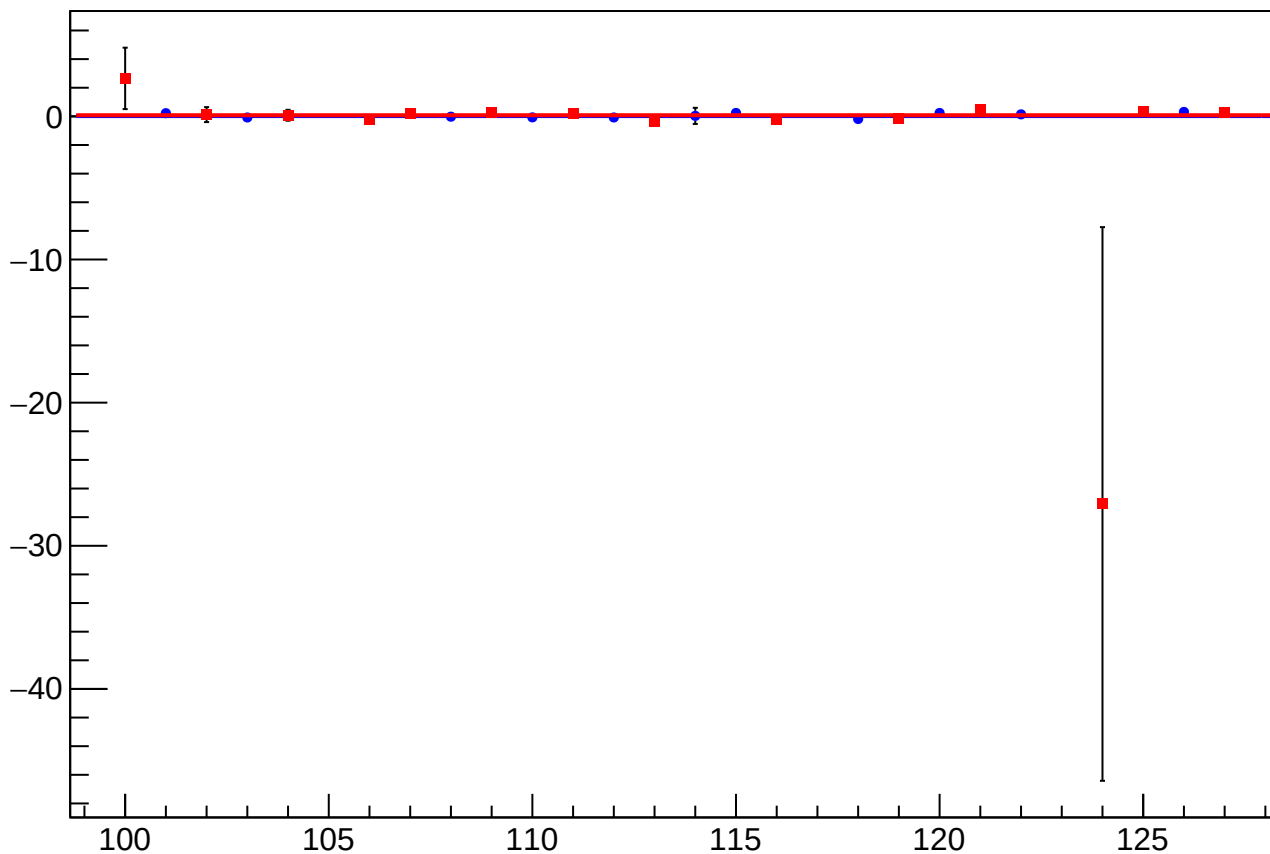
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.934+/-0.036 χ^2/NDF : 2141375.2/24

- 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: 0.021+/-0.076 χ^2/NDF : 4.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.080+/-0.069 χ^2/NDF : 15.9/13

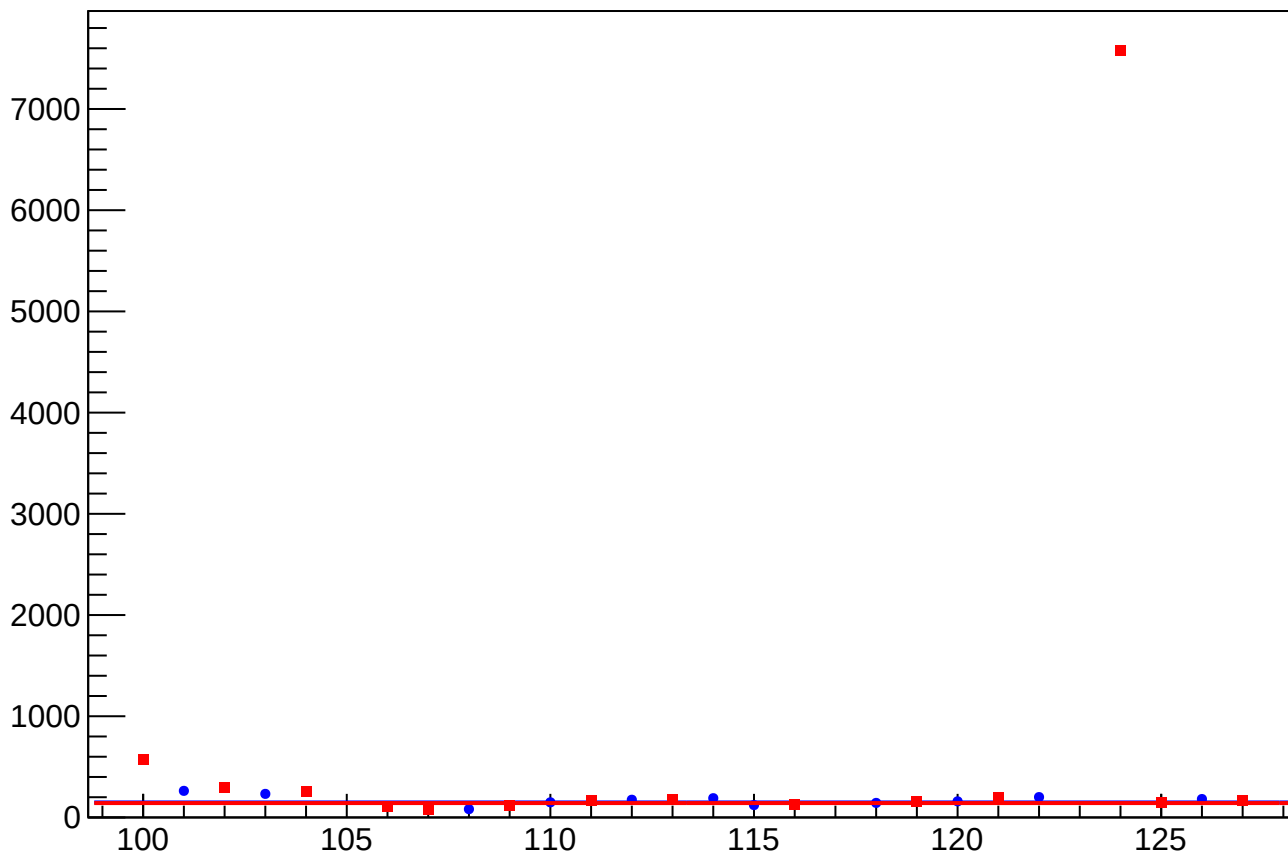
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.053+/-0.051 χ^2/NDF : 20.3/24

- 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: 148.279+/-0.054 χ^2/NDF : 938485.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.142+/-0.049 χ^2/NDF : 1195770.6/13

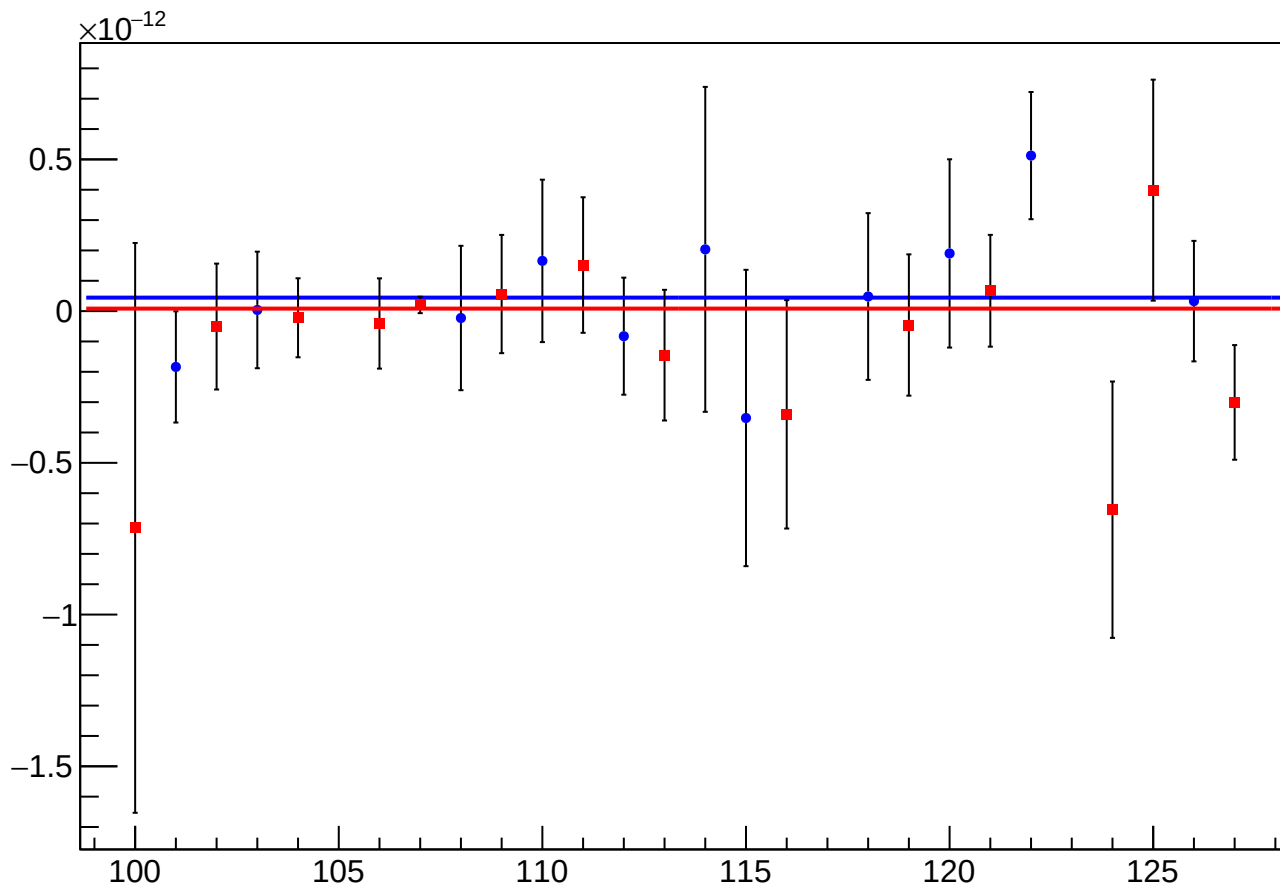
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.934+/-0.036 χ^2/NDF : 2141375.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.3/13

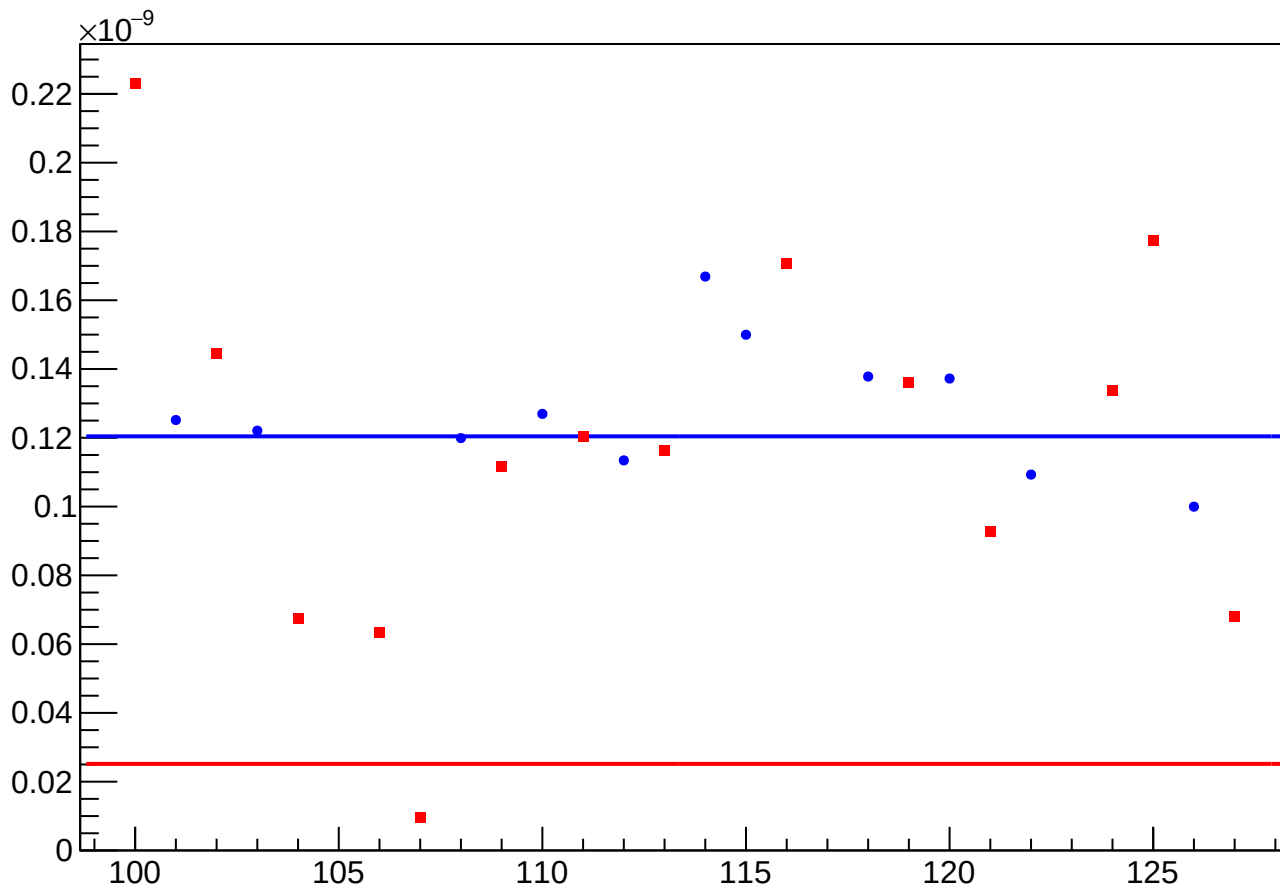
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.8/24

- sign 0.000 $\pm$ 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 : 68448.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4484785.6/13

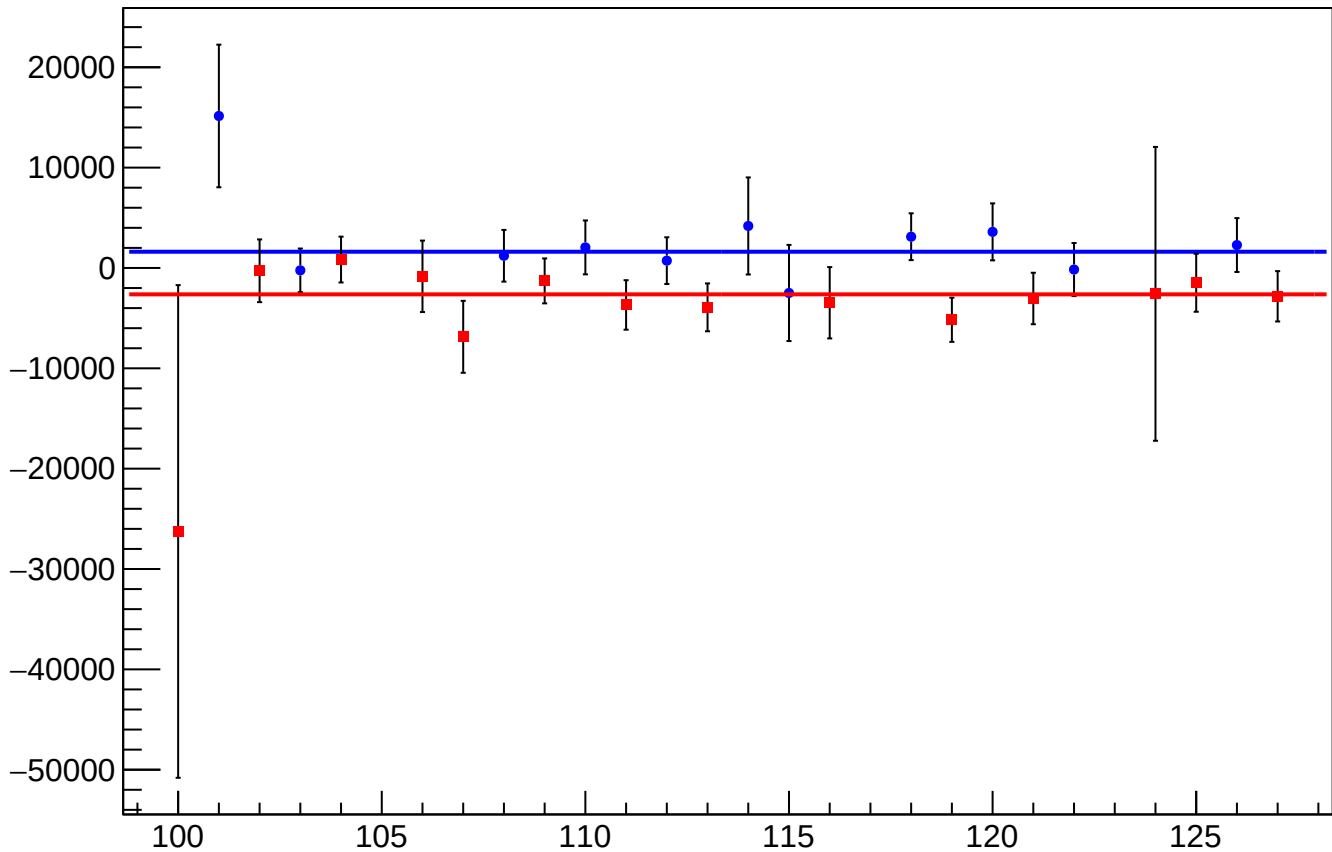
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7717315.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_mean vs Slug



Right In: 1618.231+/-850.884 χ^2/NDF : 7.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2629.205+/-763.938 χ^2/NDF : 7.9/13

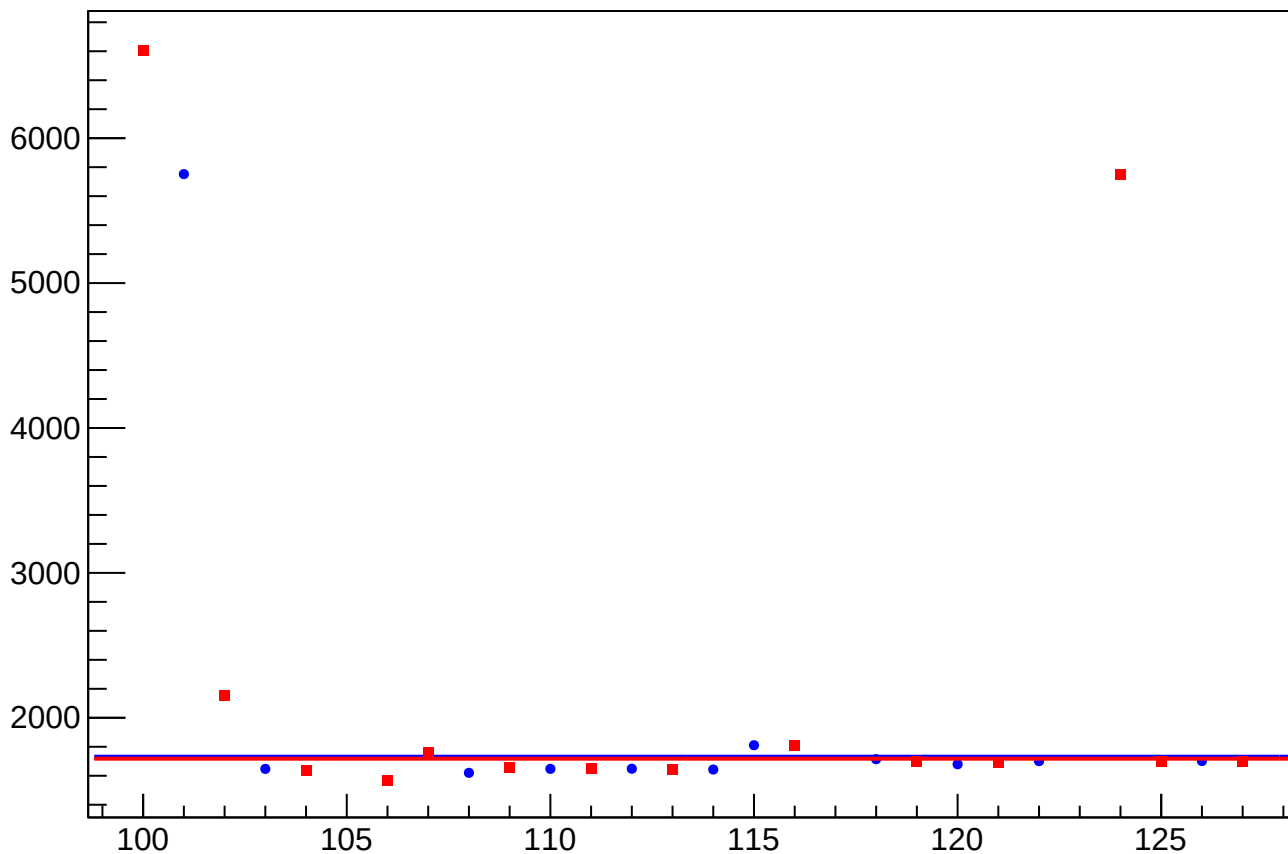
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -733.516+/-568.447 χ^2/NDF : 28.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_rms vs Slug



Right In: 1731.276+/-0.602 χ^2/NDF : 654073.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1717.925+/-0.535 χ^2/NDF : 284578.5/13

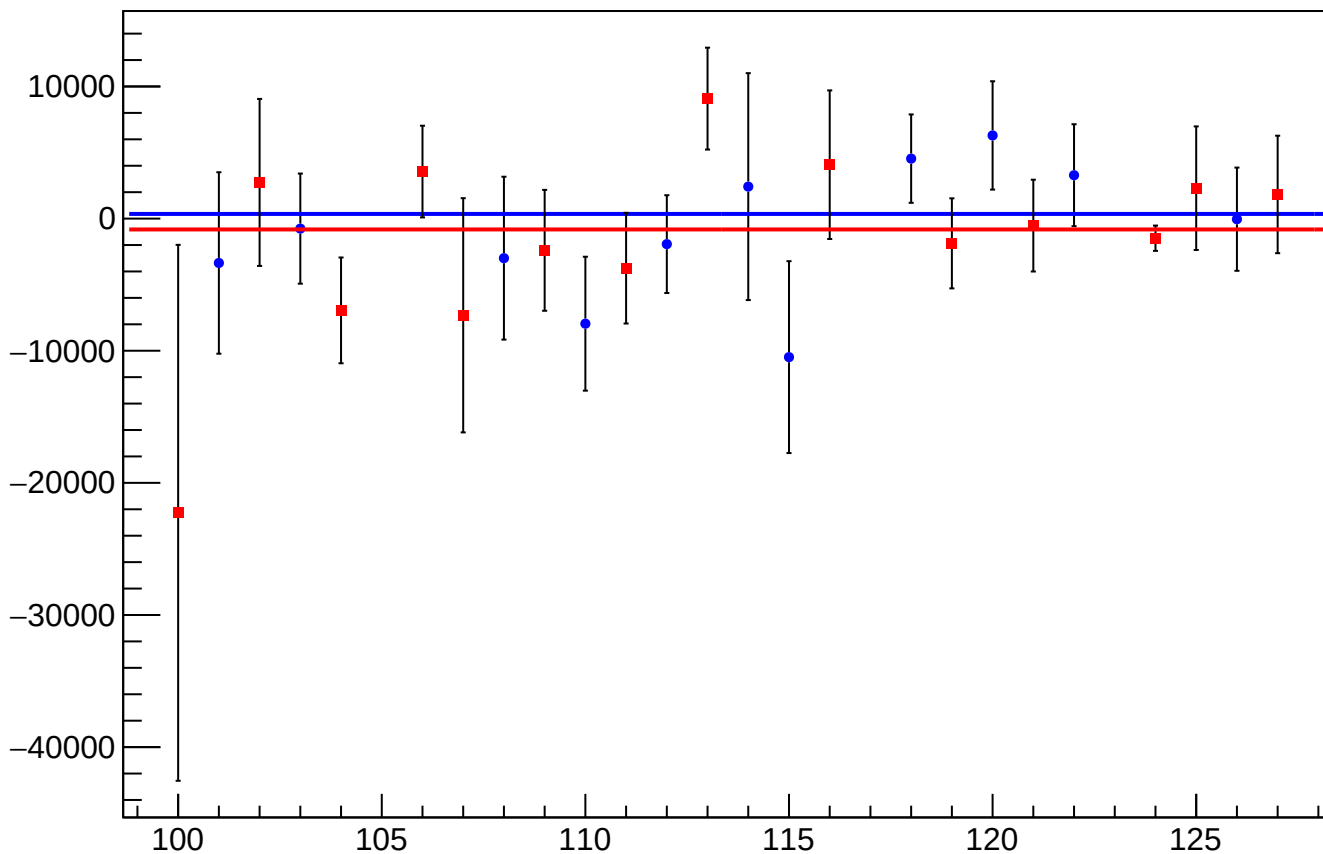
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1723.818+/-0.400 χ^2/NDF : 938927.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr12_avg_reg_correction_mean vs Slug



Right In: 353.516+/-1372.040 χ^2 /NDF: 10.3/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -820.855+/-756.748 χ^2 /NDF: 15.3/13

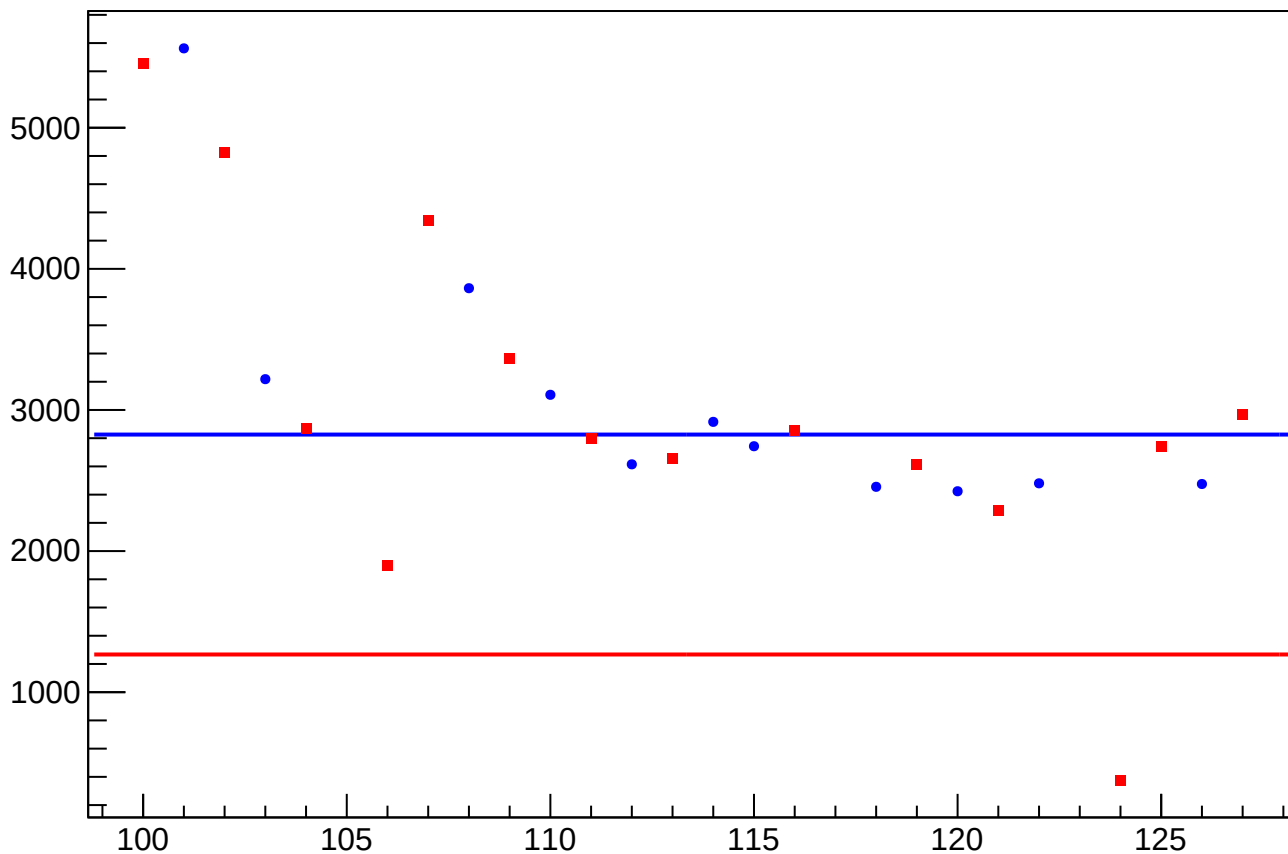
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -546.933+/-662.640 χ^2 /NDF: 26.1/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_reg_correction_rms vs Slug



Right In: 2825.700+/-0.970 χ^2/NDF : 481083.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1267.187+/-0.535 χ^2/NDF : 5179058.2/13

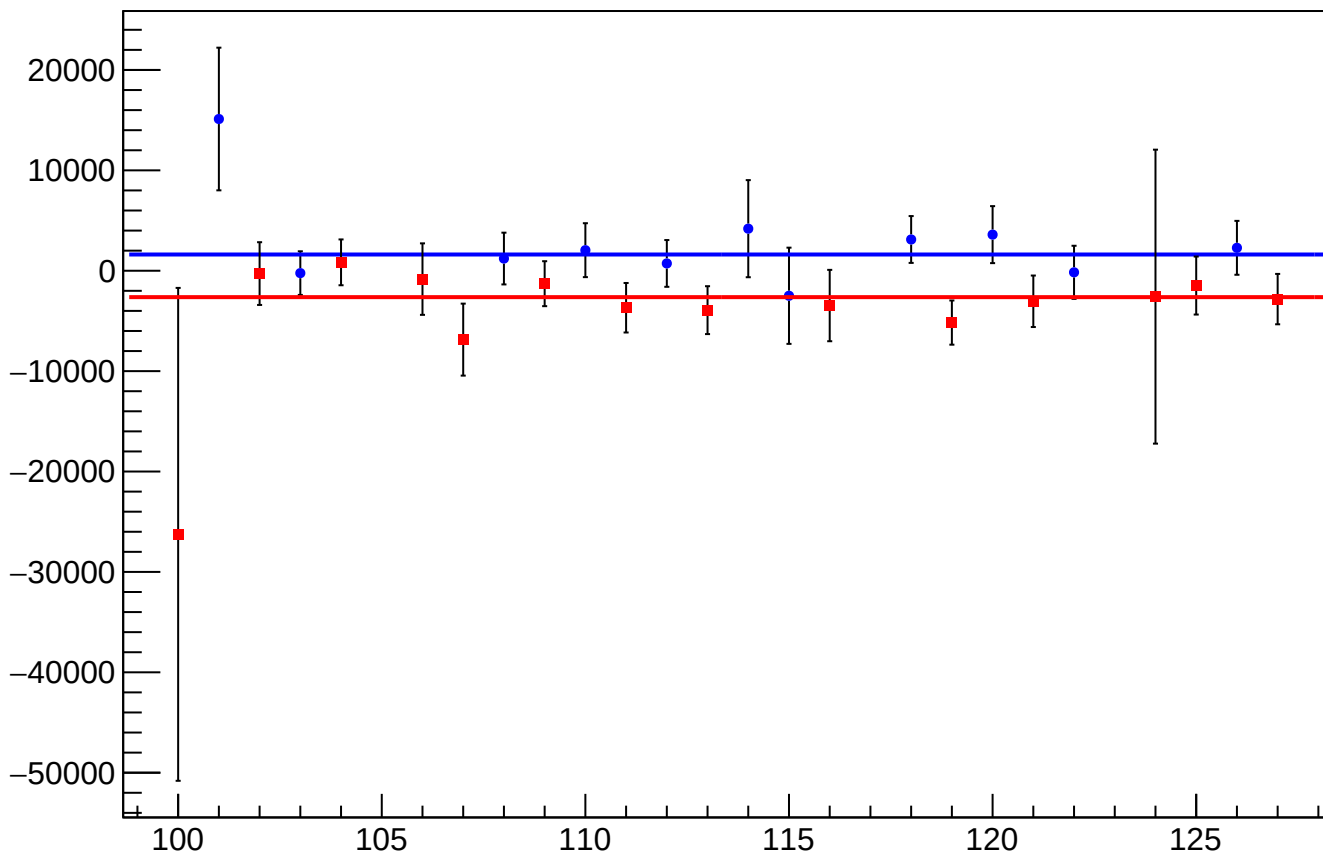
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1630.710+/-0.469 χ^2/NDF : 7638798.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atr1l2_avg_mean vs Slug



Right In: 1617.855 $\pm$ 850.884 χ^2 /NDF: 7.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2629.295 $\pm$ 763.938 χ^2 /NDF: 7.9/13

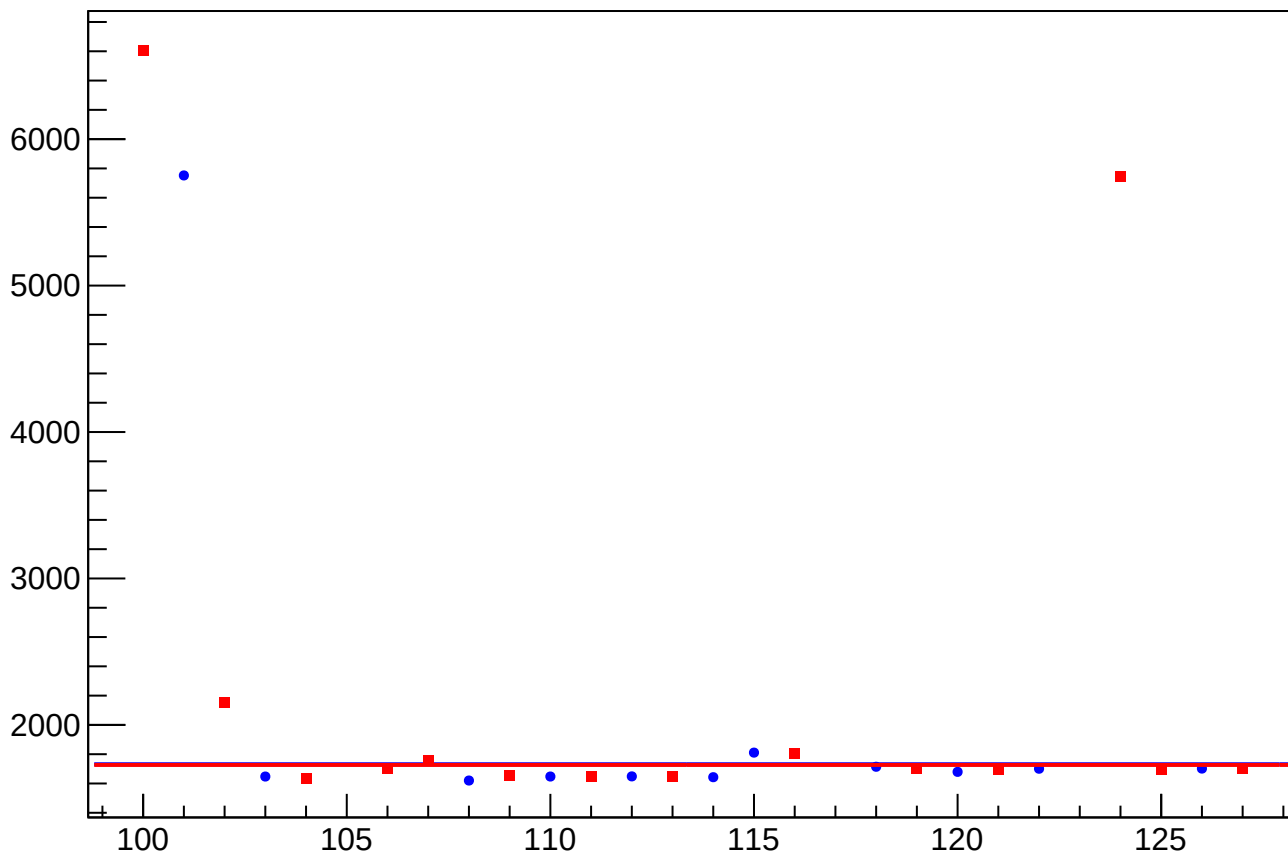
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -733.734 $\pm$ 568.447 χ^2 /NDF: 28.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atr1l2_avg_rms vs Slug



Right In: 1731.276+/-0.602 χ^2/NDF : 654073.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1726.798+/-0.537 χ^2/NDF : 279219.7/13

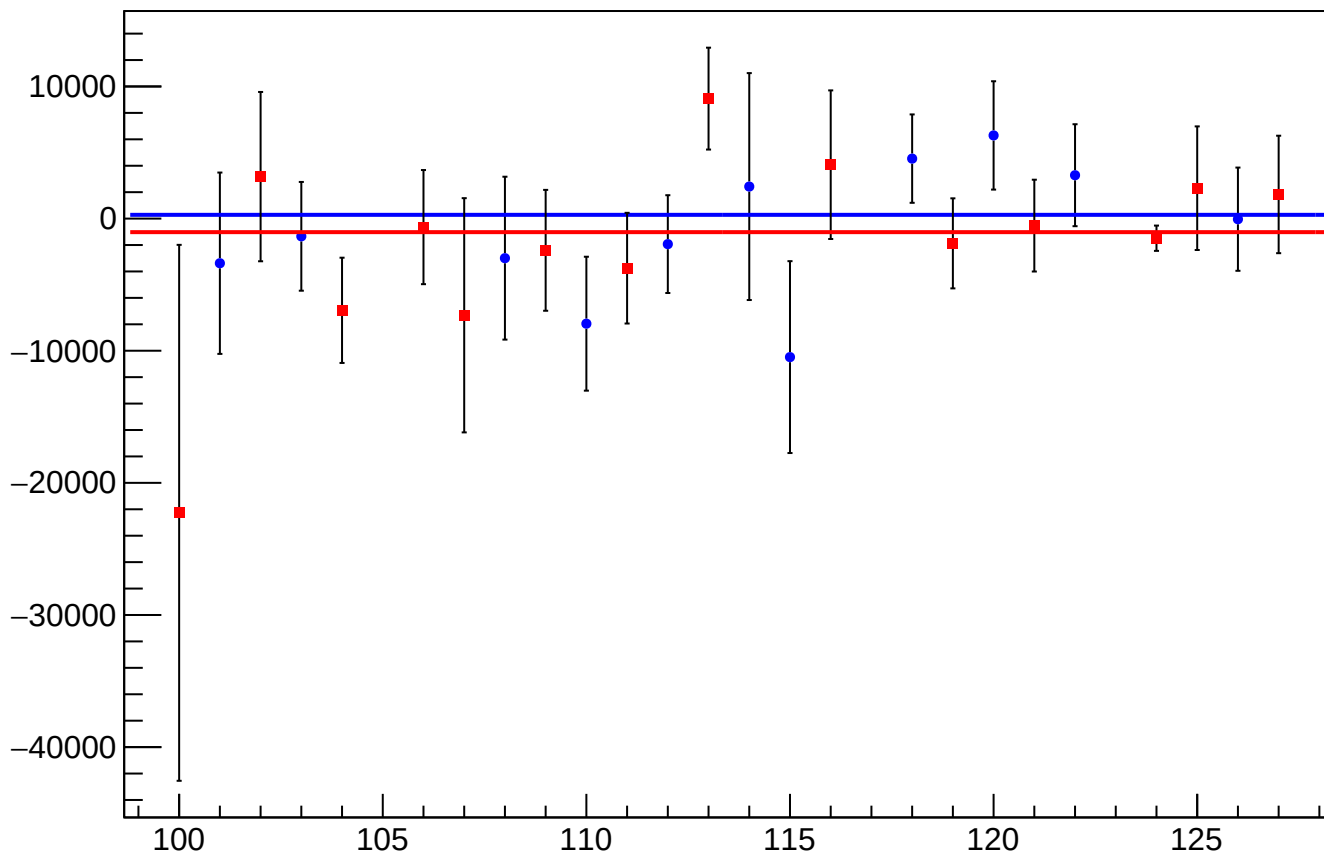
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1728.785+/-0.401 χ^2/NDF : 933324.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_cor_correction_mean vs Slug



Right In: 285.024 $\pm$ 1370.113 χ^2 /NDF: 10.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1025.029 $\pm$ 763.241 χ^2 /NDF: 13.7/13

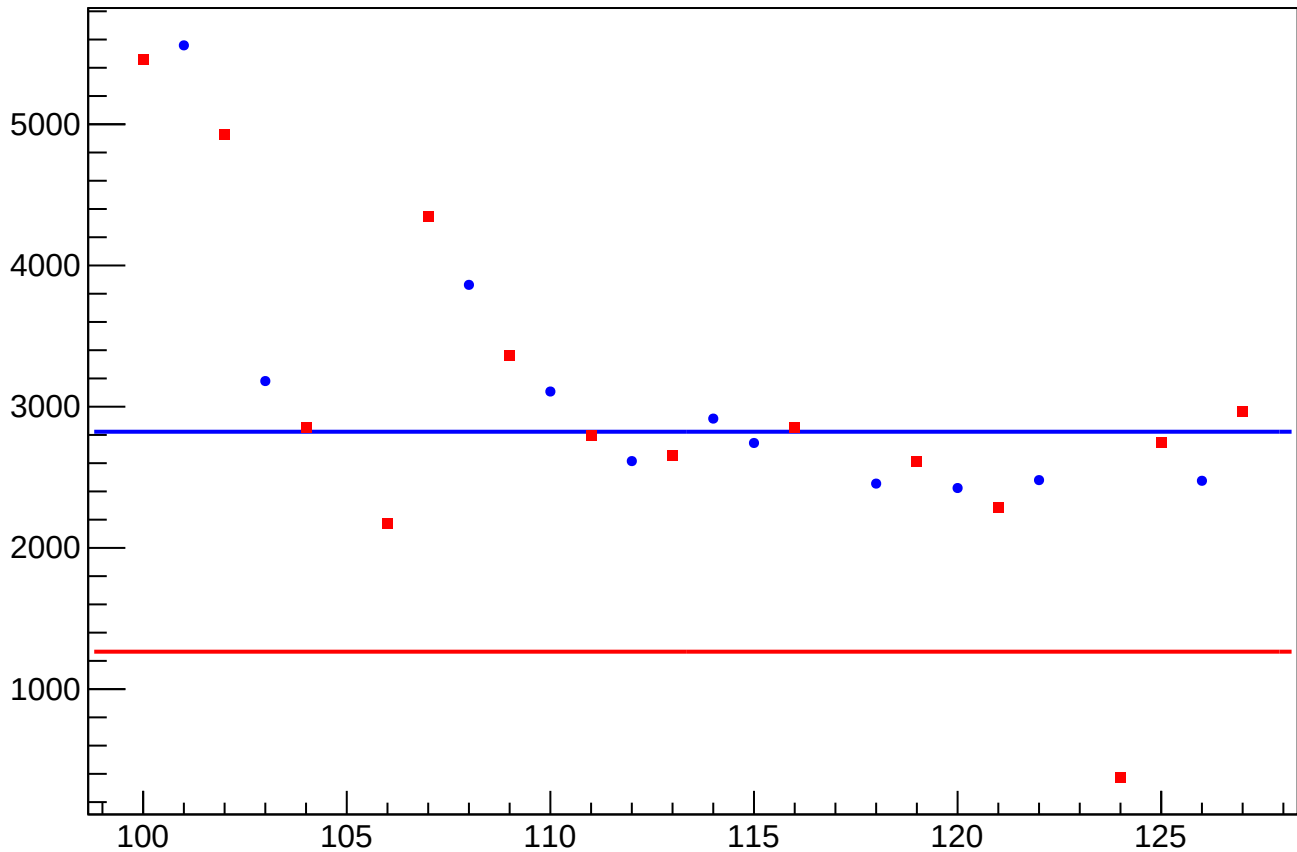
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -714.771 $\pm$ 666.765 χ^2 /NDF: 24.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_cor_correction_rms vs Slug



Right In: 2822.706 $\pm$ 0.969 χ^2 /NDF: 477807.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1265.147 $\pm$ 0.540 χ^2 /NDF: 5217248.7/13

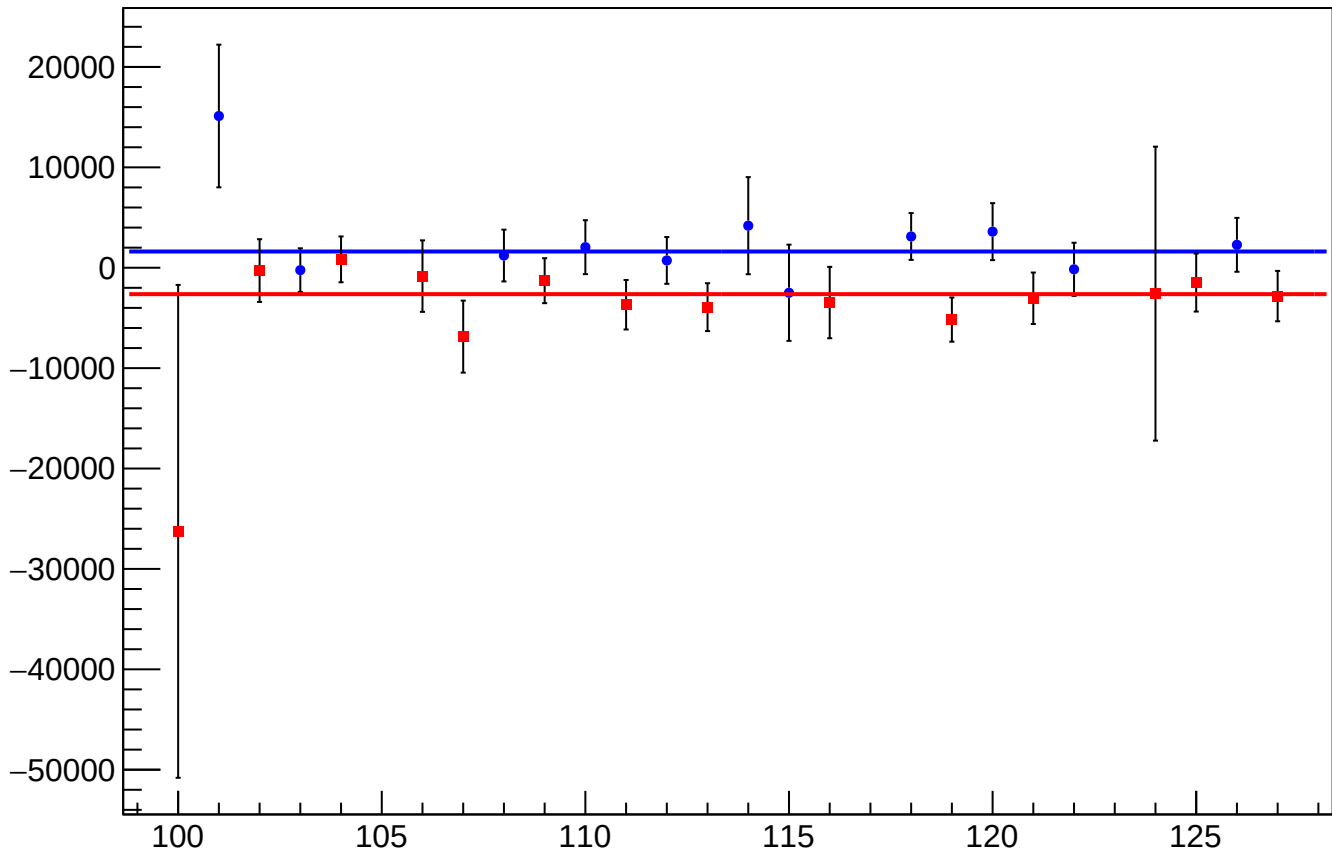
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1634.020 $\pm$ 0.471 χ^2 /NDF: 7667608.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atr1l2_avg_mean vs Slug



Right In: 1617.855+/-850.884 χ^2/NDF : 7.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2629.295+/-763.938 χ^2/NDF : 7.9/13

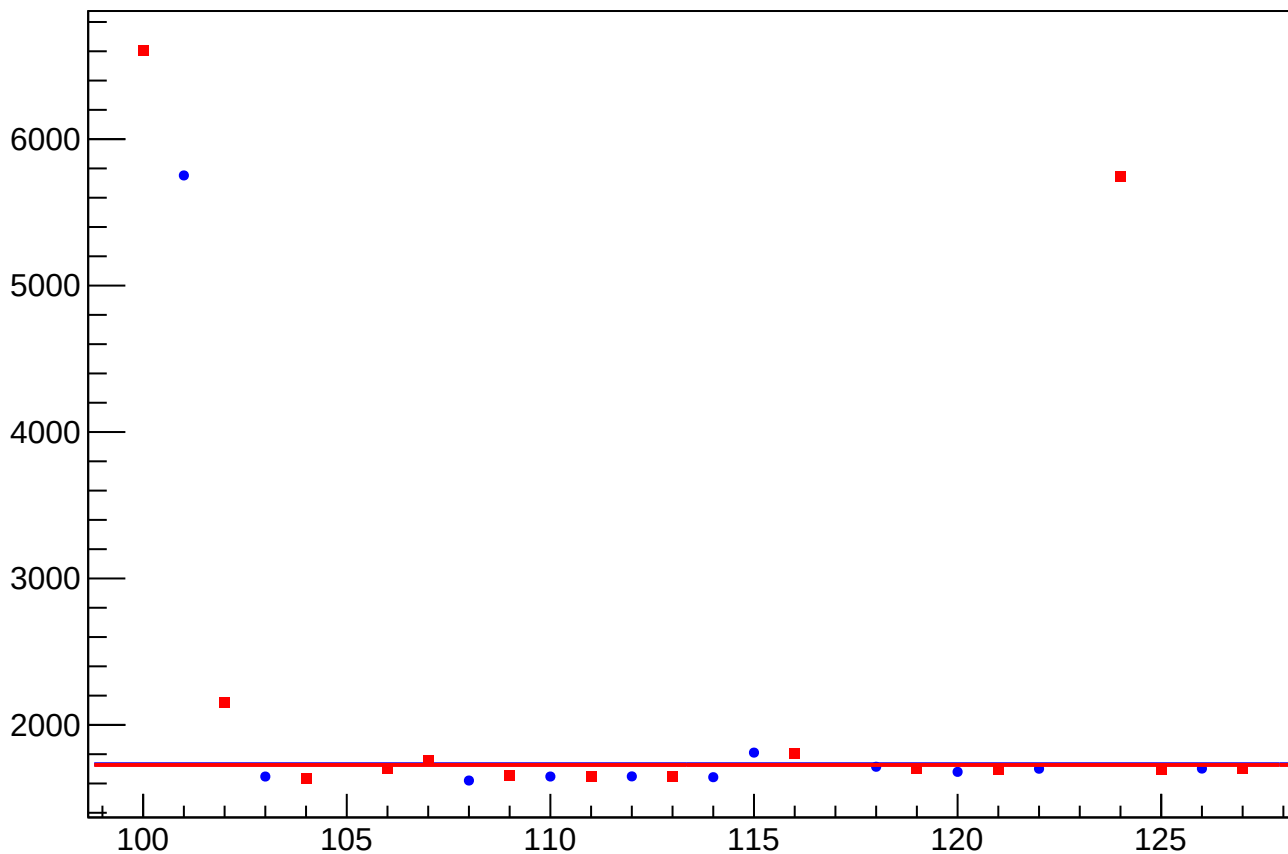
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -733.734+/-568.447 χ^2/NDF : 28.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr1l2_avg_rms vs Slug



Right In: 1731.276+/-0.602 χ^2/NDF : 654073.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1726.798+/-0.537 χ^2/NDF : 279219.7/13

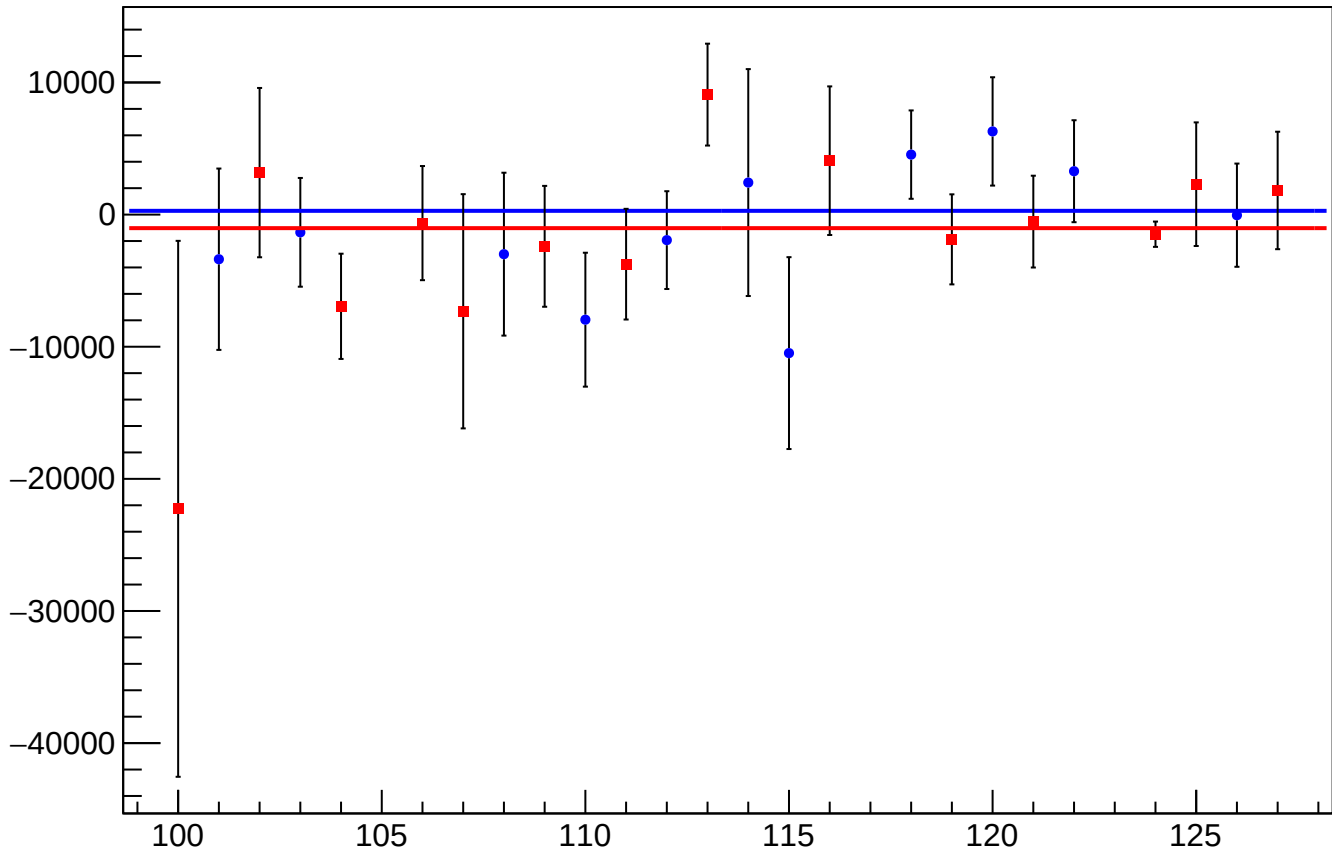
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1728.785+/-0.401 χ^2/NDF : 933324.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_cor_correction_mean vs Slug



Right In: 285.024 $\pm$ 1370.113 χ^2 /NDF: 10.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1025.029 $\pm$ 763.241 χ^2 /NDF: 13.7/13

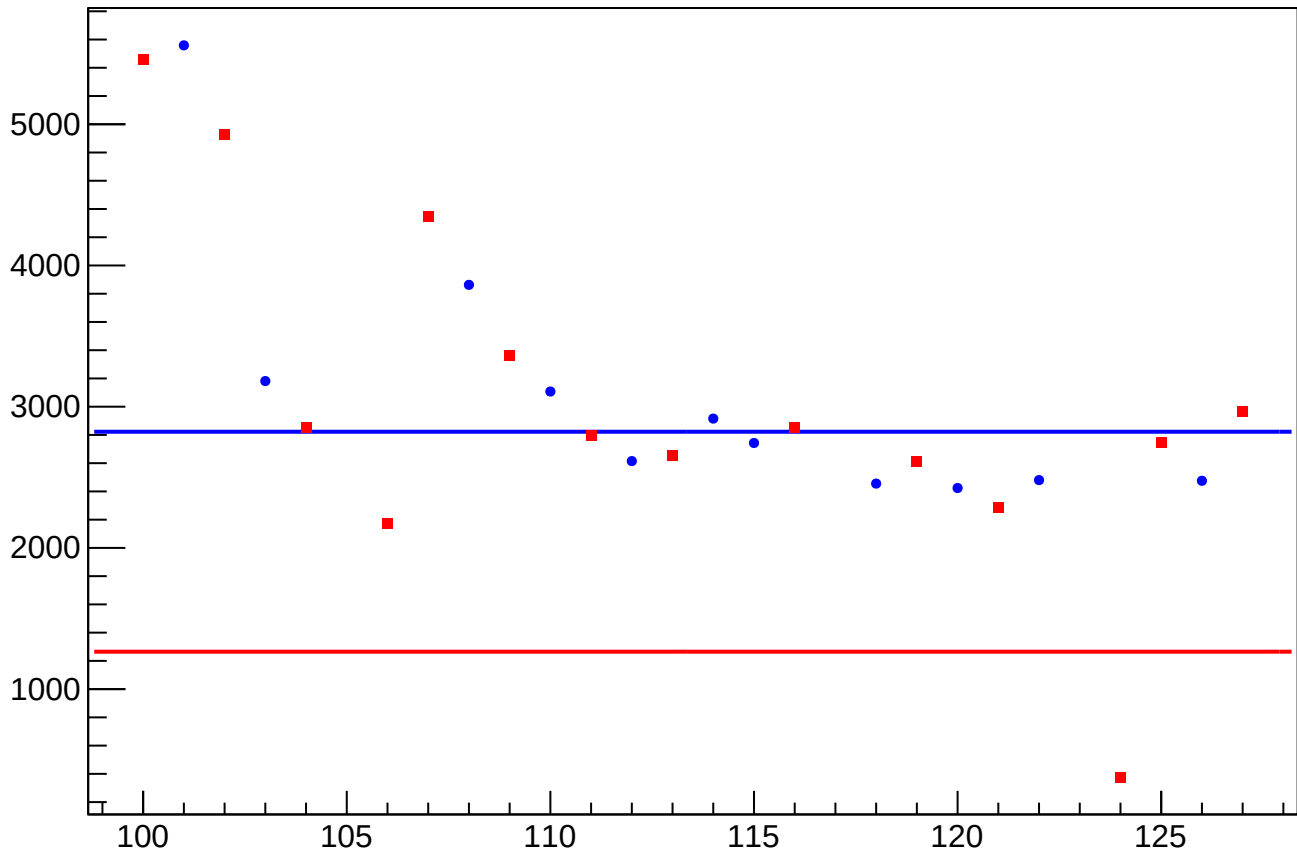
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -714.771 $\pm$ 666.765 χ^2 /NDF: 24.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_eigen_cor_correction_rms vs Slug



Right In: 2822.706 $\pm$ 0.969 χ^2 /NDF: 477807.1/10

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

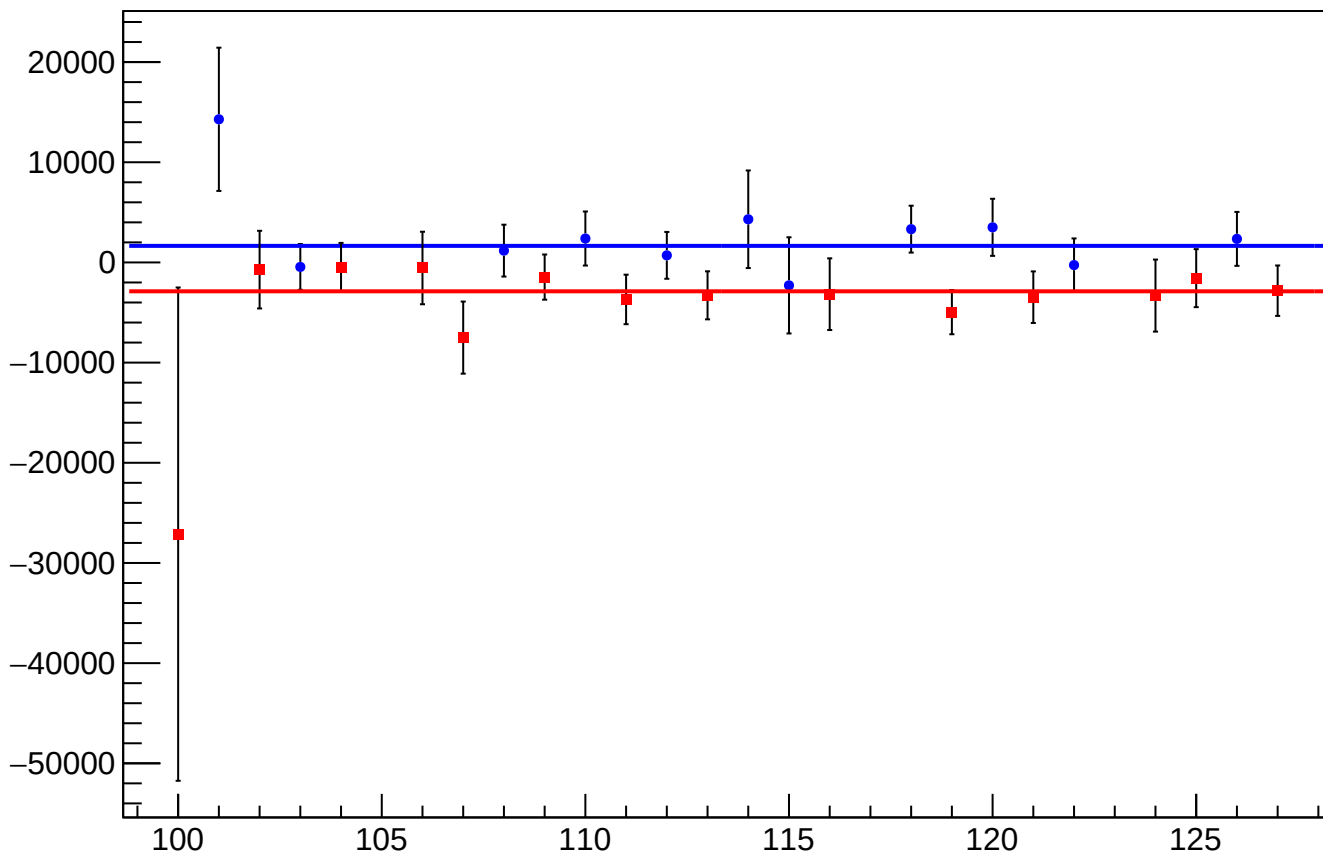
Right Out: 1265.147 $\pm$ 0.540 χ^2 /NDF: 5217248.7/13

All: 1634.020 $\pm$ 0.471 χ^2 /NDF: 7667608.9/24

- 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

dit_asym_atr1l2_avg_mean vs Slug



Right In: 1653.576 $\pm$ 860.088 χ^2 /NDF: 6.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2882.492 $\pm$ 764.008 χ^2 /NDF: 6.0/13

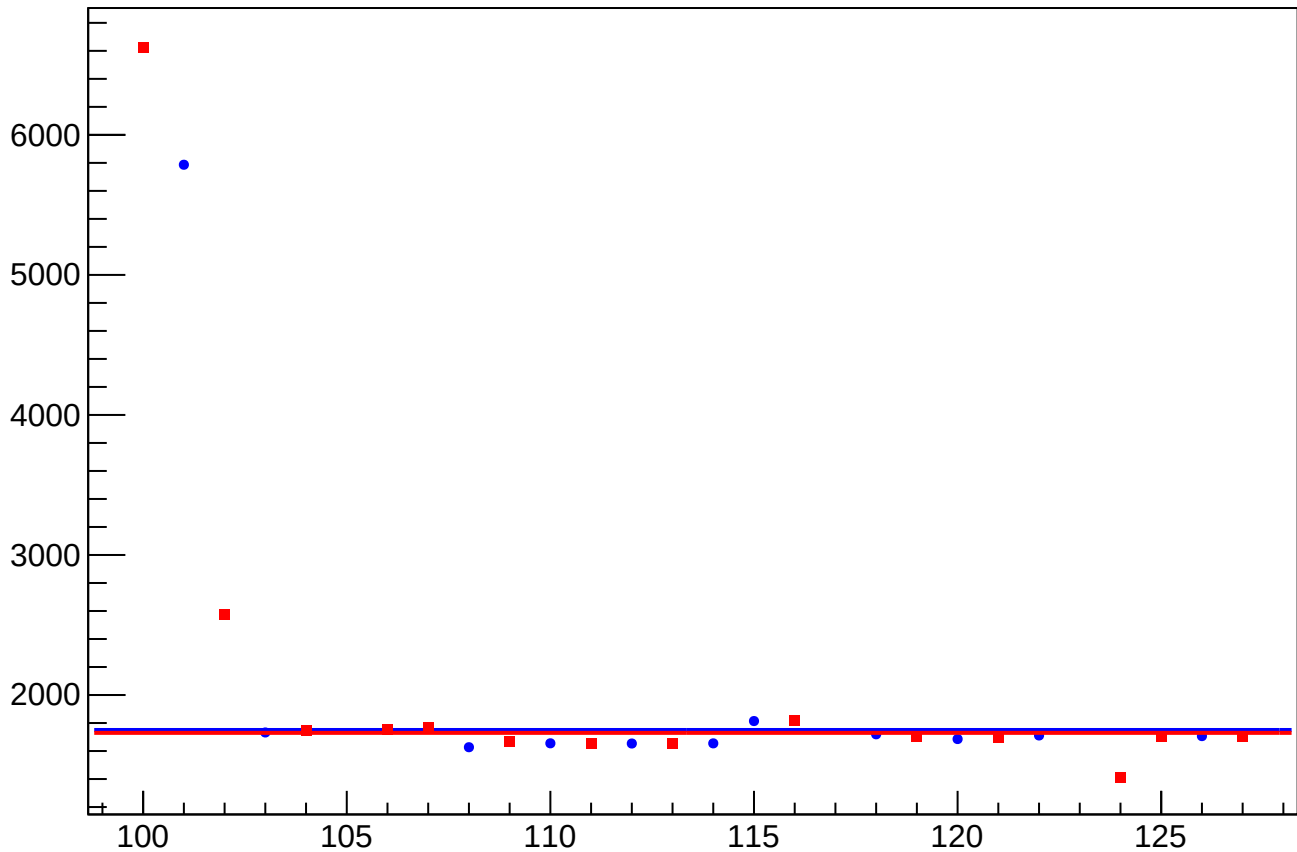
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -881.871 $\pm$ 571.196 χ^2 /NDF: 28.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atr1l2_avg_rms vs Slug



Right In: 1750.249+/-0.608 χ^2/NDF : 651432.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1729.727+/-0.538 χ^2/NDF : 197843.2/13

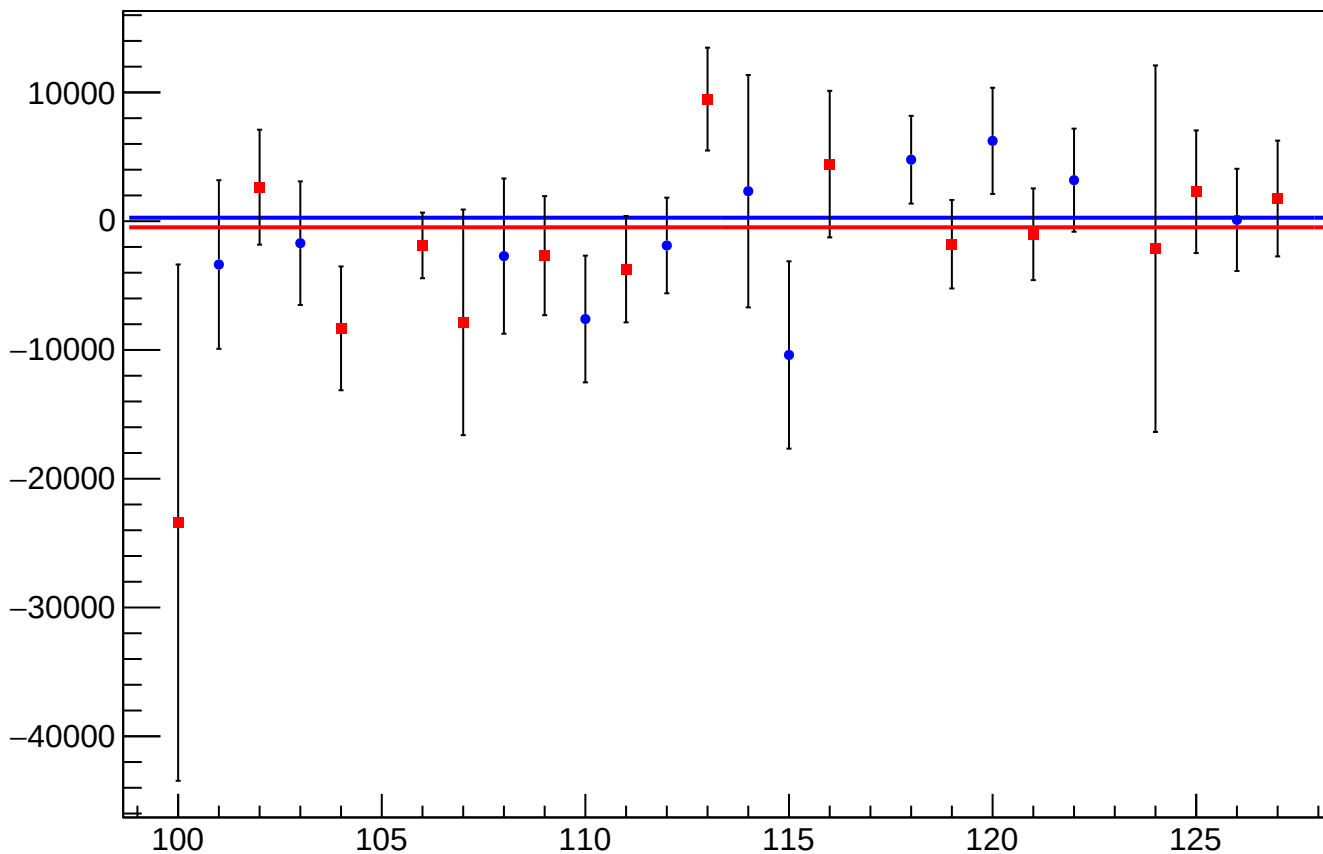
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1738.742+/-0.403 χ^2/NDF : 849913.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_dit_correction_mean vs Slug



Right In: 270.568 $\pm$ 1400.156 χ^2 /NDF: 10.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -474.442 $\pm$ 1175.249 χ^2 /NDF: 14.0/13

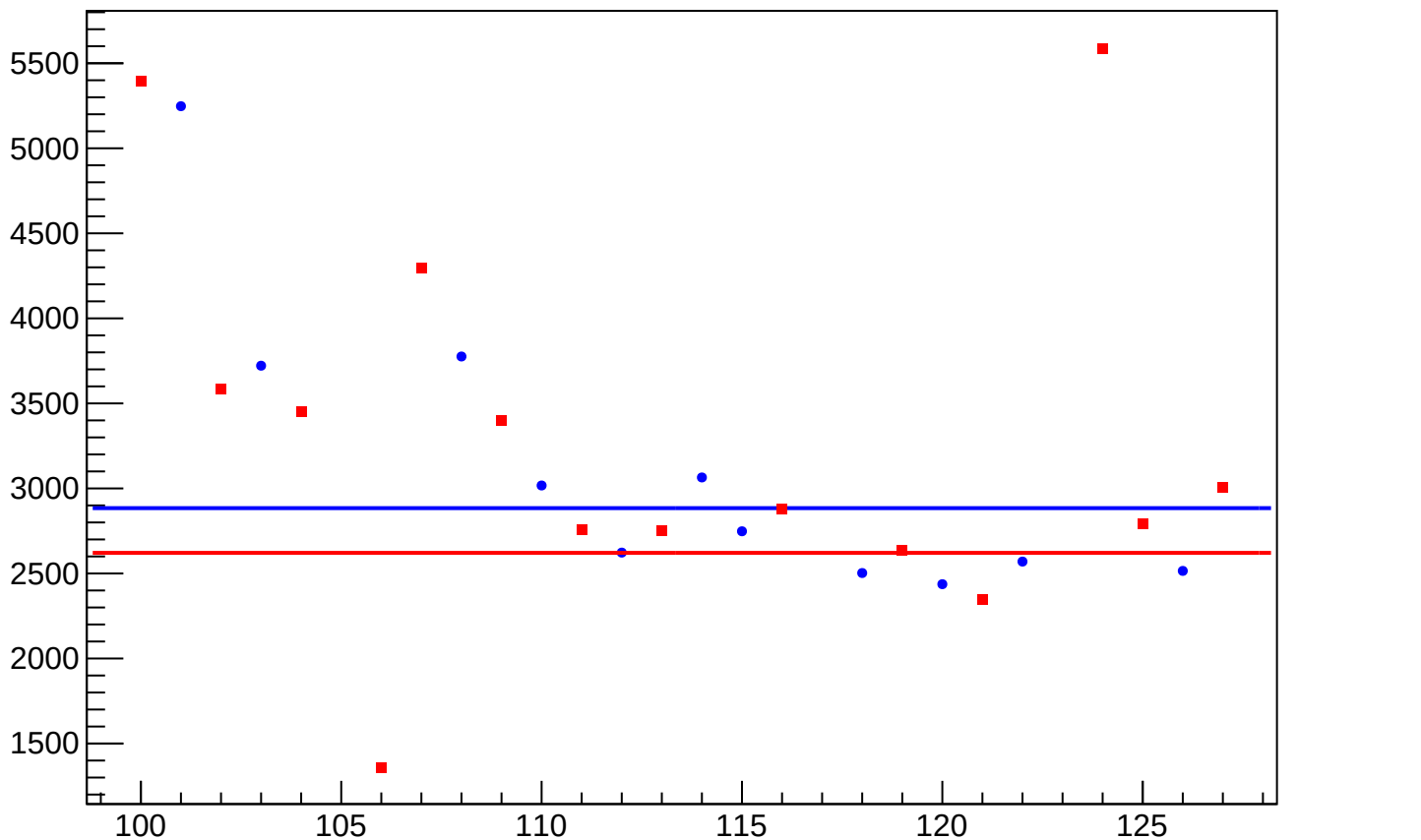
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -166.505 $\pm$ 900.173 χ^2 /NDF: 24.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_dit_correction_rms vs Slug



Right In: 2884.159+/-0.990 χ^2/NDF : 456279.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2621.054+/-0.831 χ^2/NDF : 937179.0/13

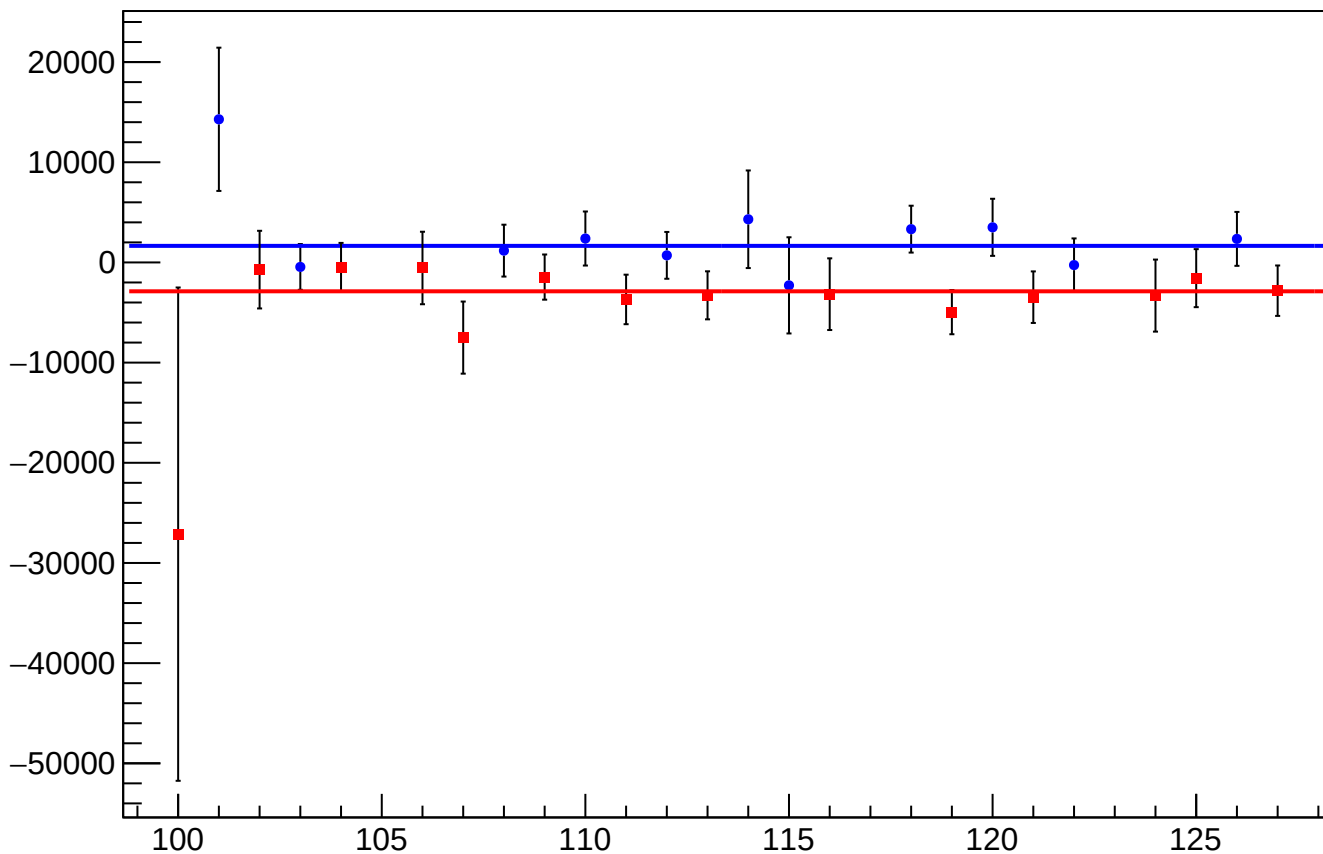
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2729.804+/-0.637 χ^2/NDF : 1434889.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr1l2_avg_mean vs Slug



Right In: 1653.575 $\pm$ 860.088 χ^2 /NDF: 6.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2882.497 $\pm$ 764.008 χ^2 /NDF: 6.0/13

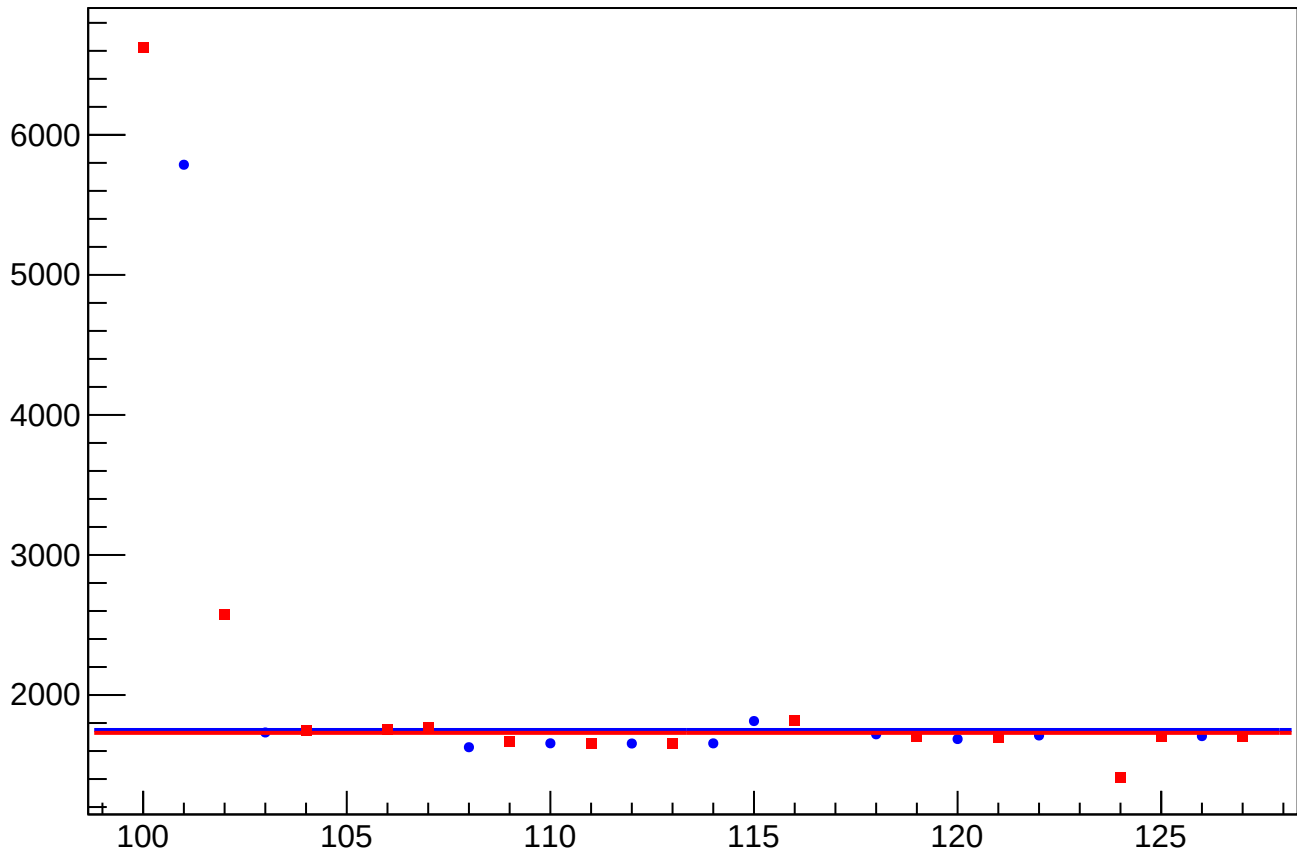
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -881.874 $\pm$ 571.196 χ^2 /NDF: 28.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atr1l2_avg_rms vs Slug



Right In: 1750.249+/-0.608 χ^2/NDF : 651432.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1729.727+/-0.538 χ^2/NDF : 197843.1/13

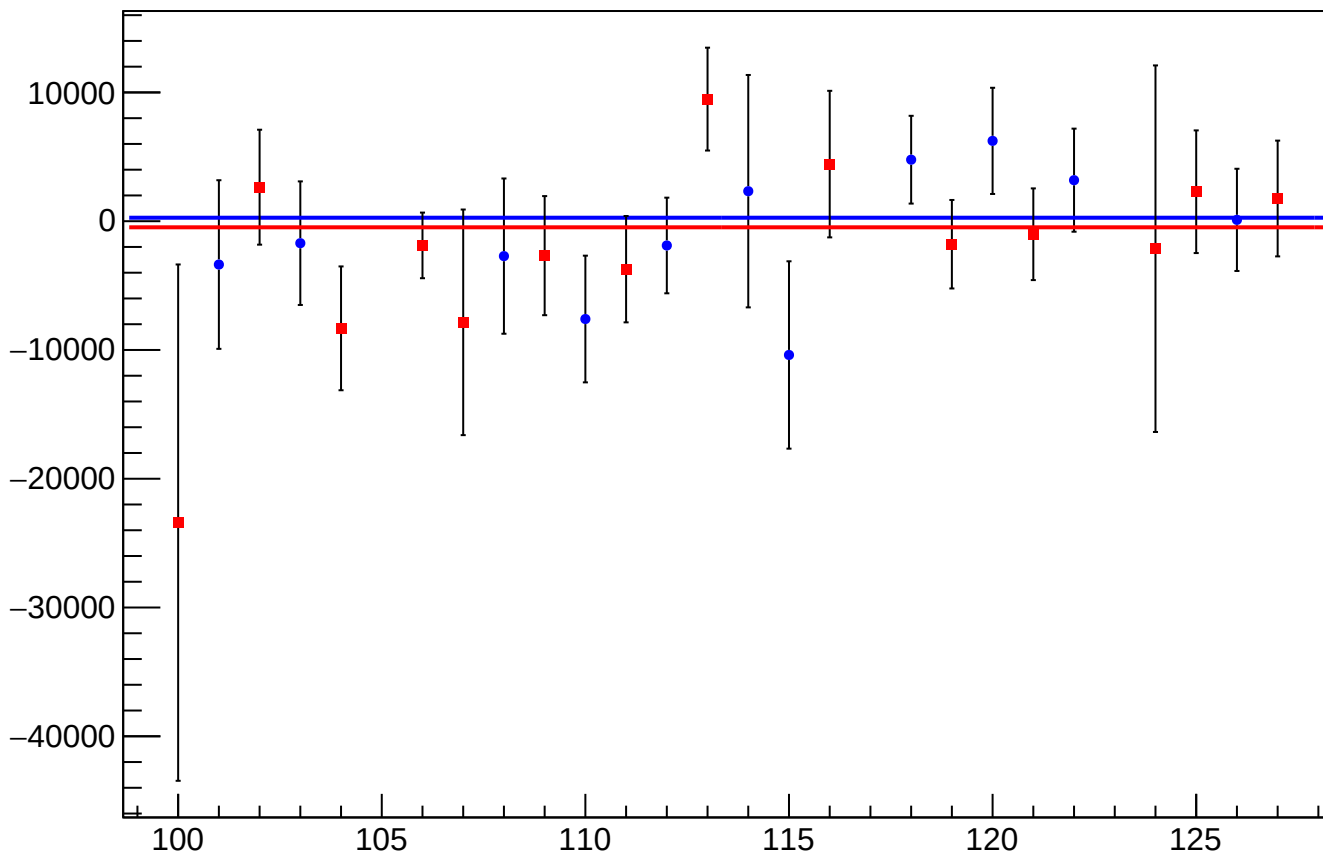
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1738.742+/-0.403 χ^2/NDF : 849913.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_dit_correction_mean vs Slug



Right In: 270.570 $\pm$ 1400.151 χ^2 /NDF: 10.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -474.444 $\pm$ 1175.244 χ^2 /NDF: 14.0/13

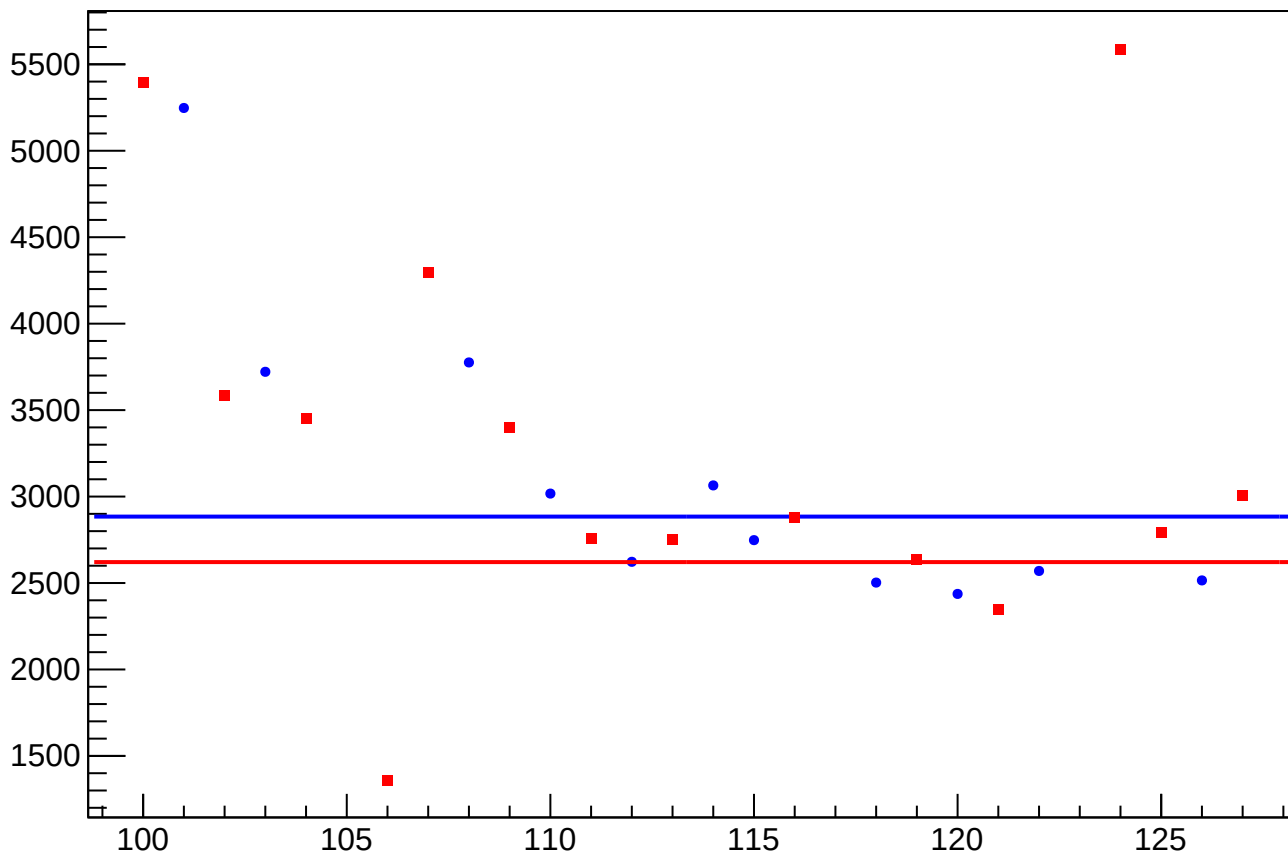
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -166.506 $\pm$ 900.170 χ^2 /NDF: 24.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_eigen_dit_correction_rms vs Slug



Right In: 2884.147+/-0.990 χ^2/NDF : 456283.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2621.041+/-0.831 χ^2/NDF : 937192.7/13

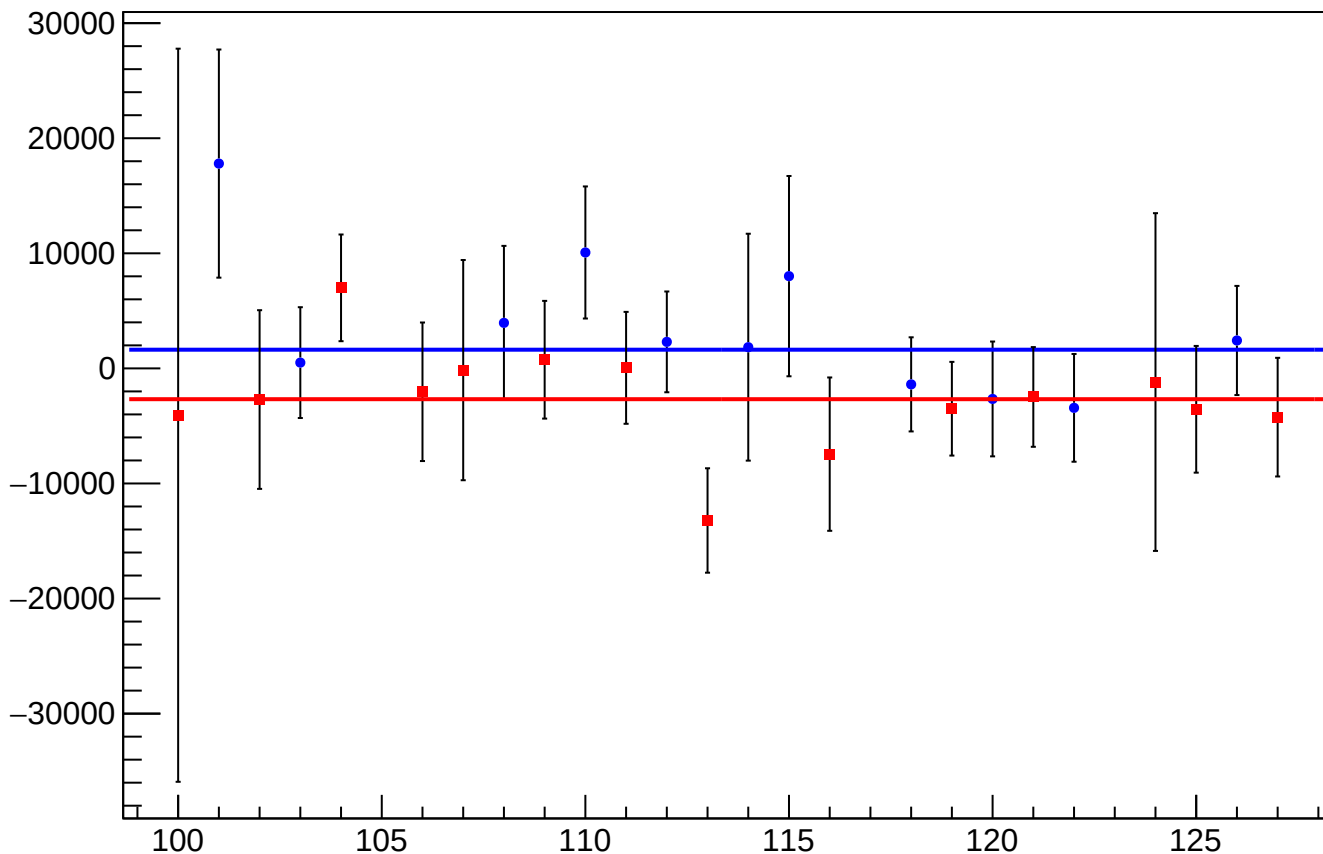
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2729.791+/-0.637 χ^2/NDF : 1434908.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_mean vs Slug



Right In: 1623.767+/-1640.111 χ^2/NDF : 8.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2676.592+/-1502.149 χ^2/NDF : 11.3/13

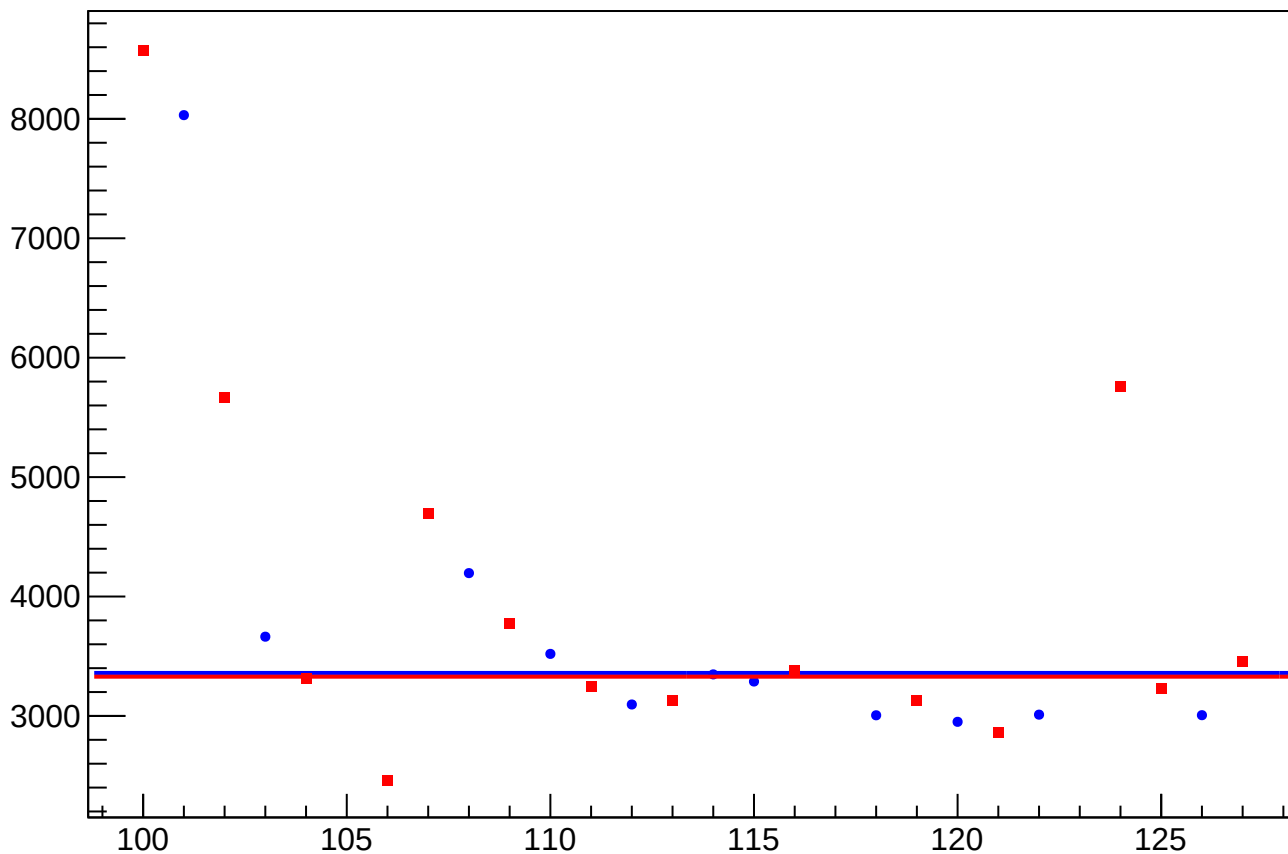
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -714.858+/-1107.748 χ^2/NDF : 23.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_rms vs Slug



Right In: 3360.064+/-1.160 χ^2/NDF : 543087.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3328.761+/-1.042 χ^2/NDF : 448369.2/13

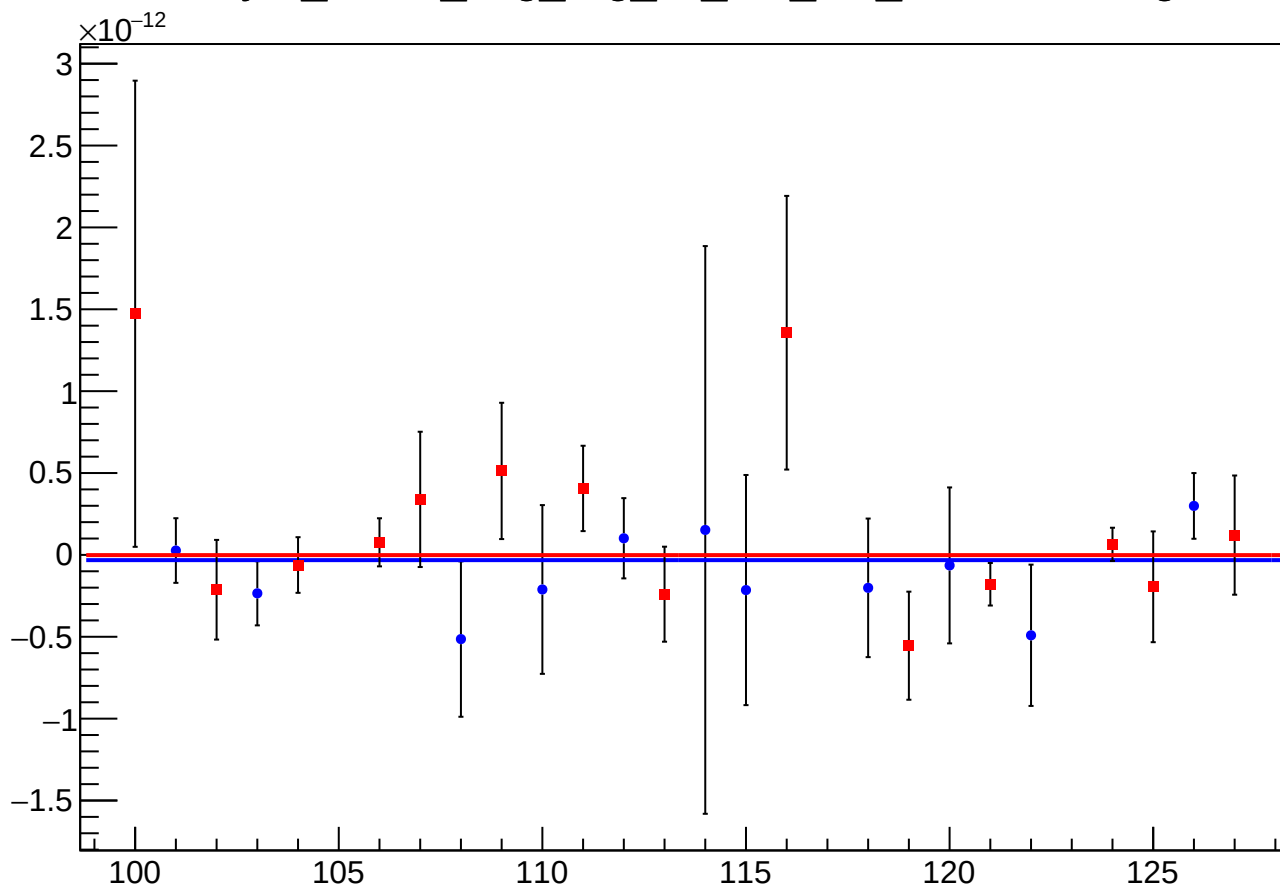
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3342.740+/-0.775 χ^2/NDF : 991859.5/24

- 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 $\pm$ 0.000 χ^2 /NDF: 6.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.5/13

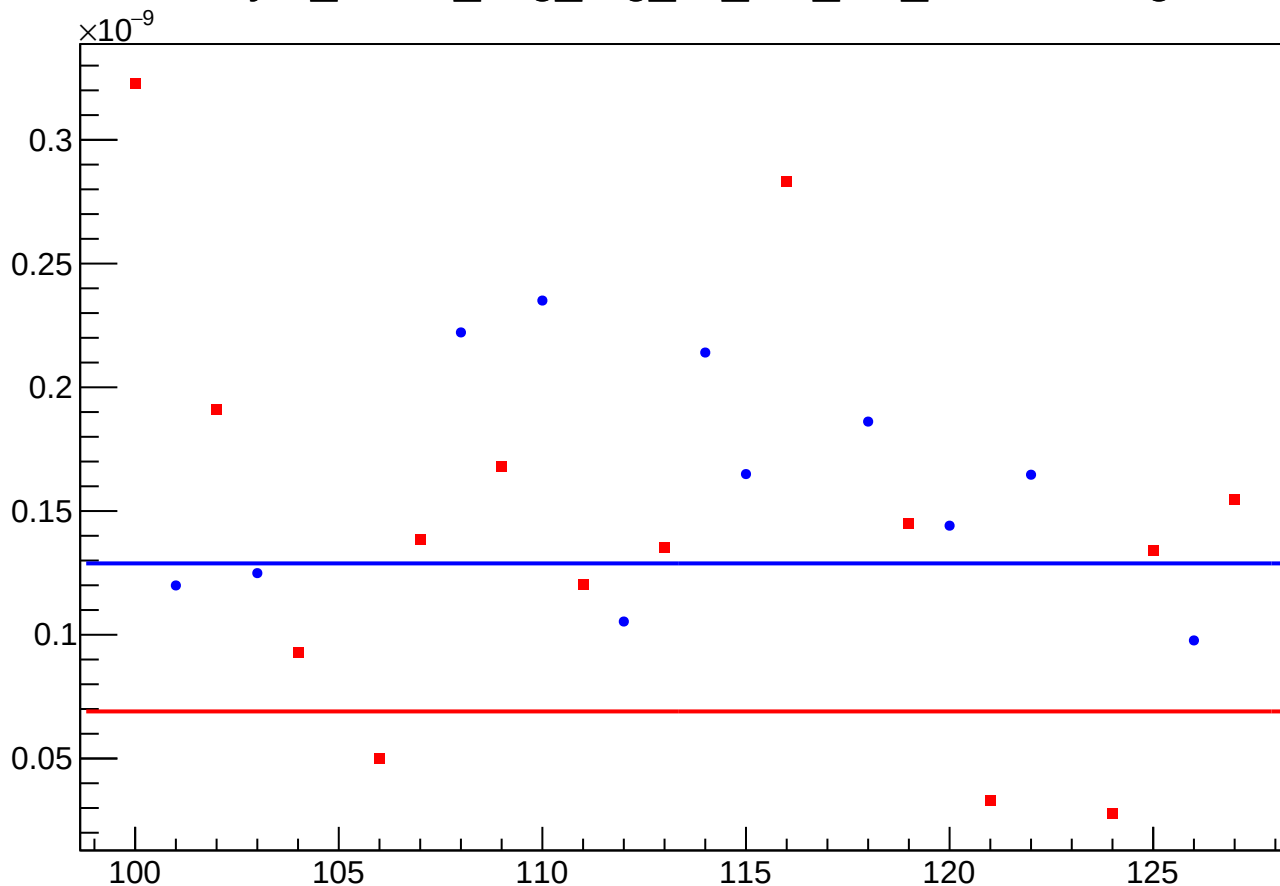
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 22.3/24

- sign 0.000 $\pm$ 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 : 296415.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1712922.9/13

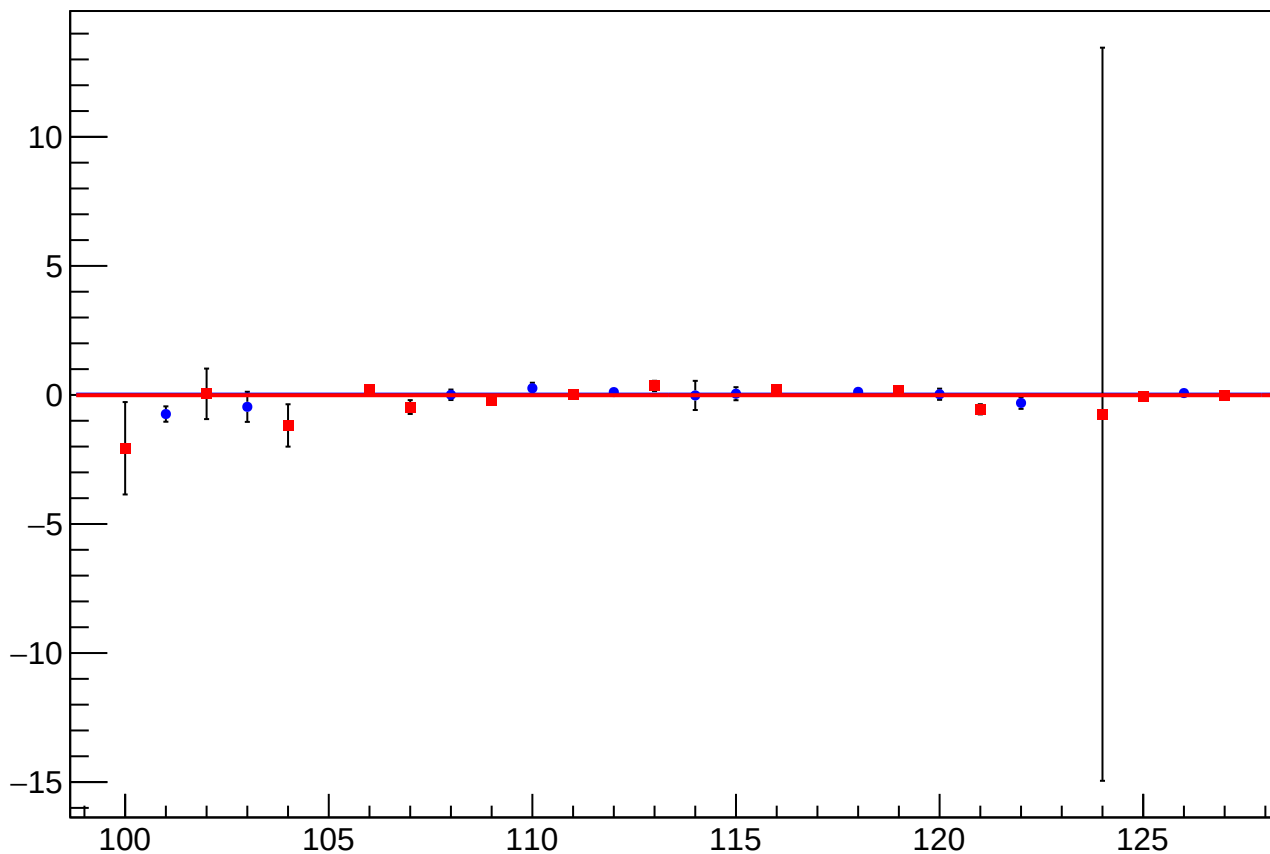
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2627368.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.013+/-0.066 χ^2/NDF : 11.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.011+/-0.056 χ^2/NDF : 23.8/13

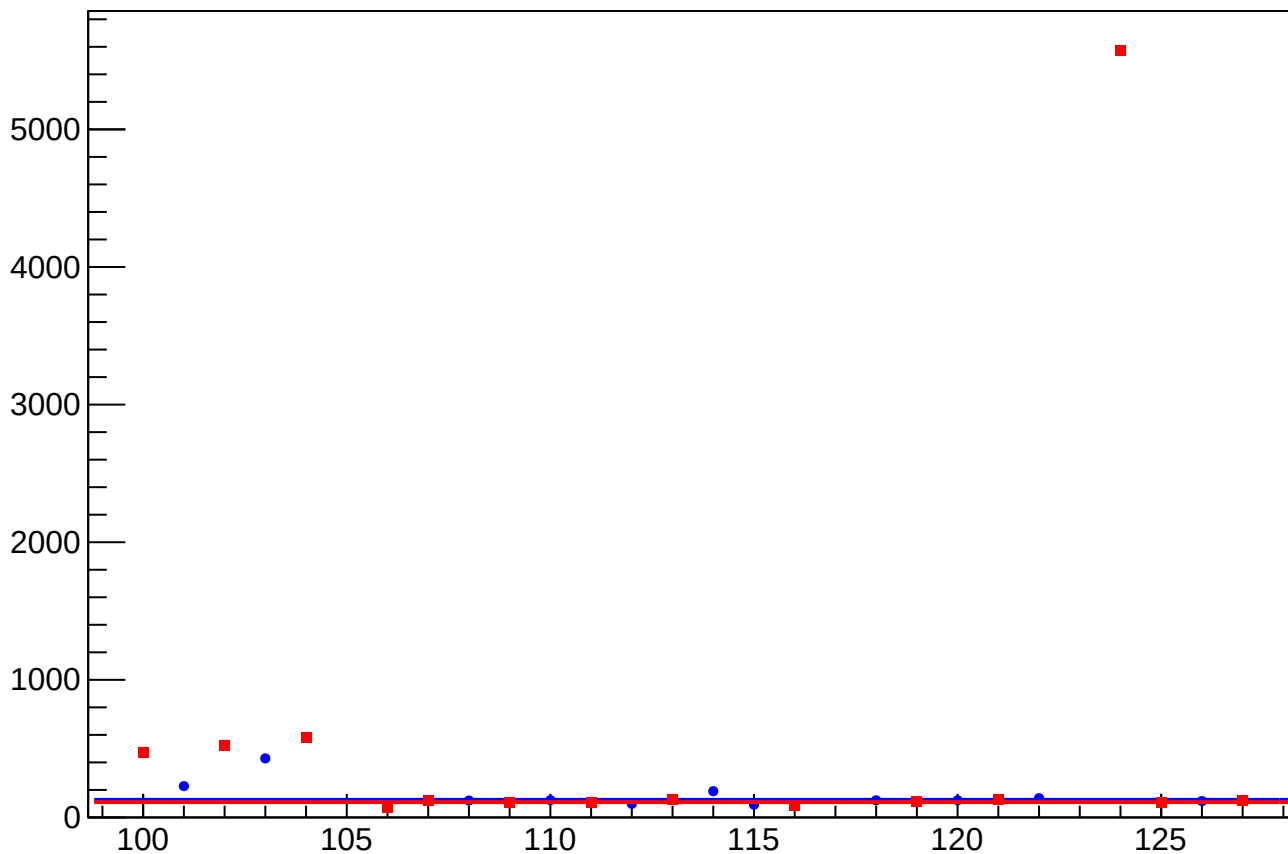
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.043 χ^2/NDF : 35.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_dit_vs_cor_diff_rms vs Slug



Right In: 127.733+/-0.047 χ^2/NDF : 910082.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

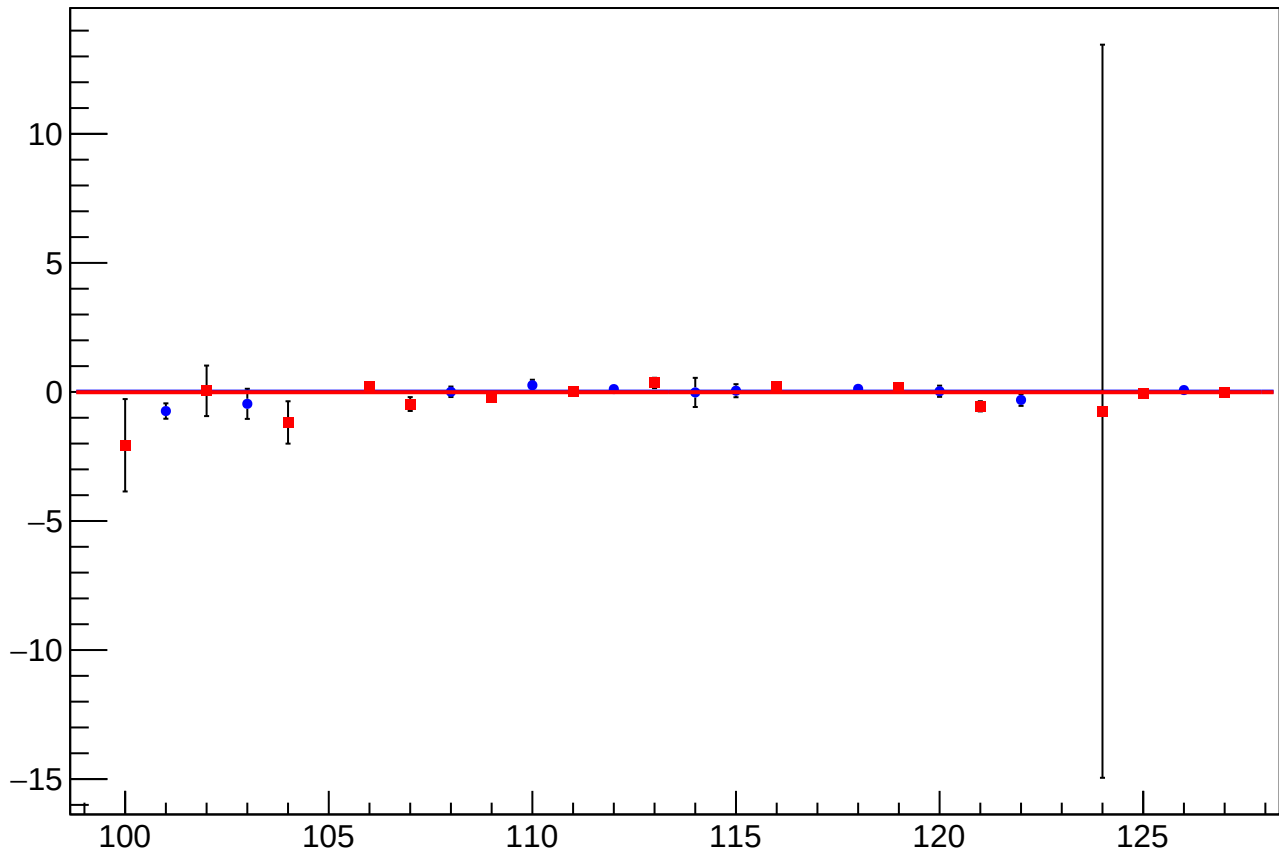
Right Out: 111.772+/-0.040 χ^2/NDF : 1616624.6/13

All: 118.431+/-0.030 χ^2/NDF : 2594085.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.013 $\pm$ 0.066 χ^2 /NDF: 11.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.011 $\pm$ 0.056 χ^2 /NDF: 23.8/13

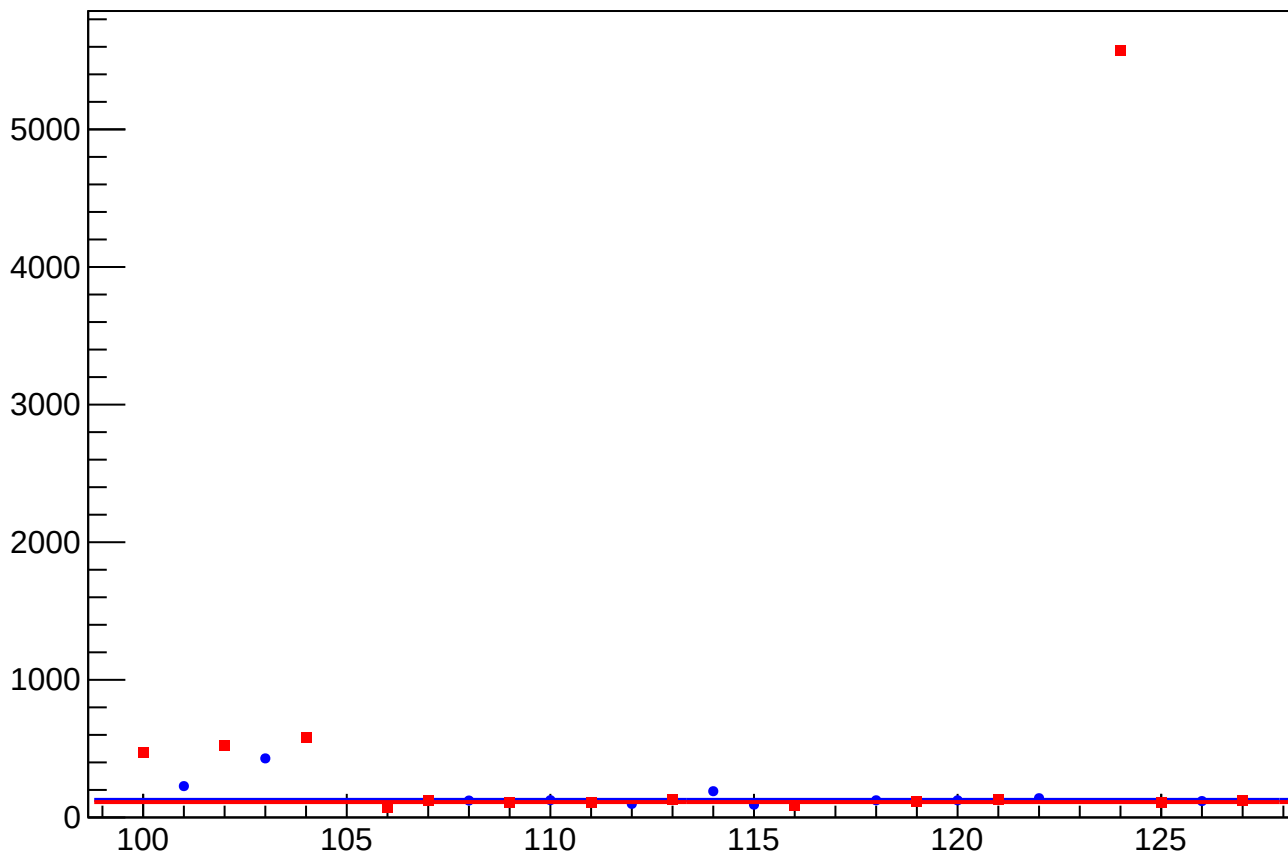
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.001 $\pm$ 0.043 χ^2 /NDF: 35.2/24

- 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: 127.733+/-0.047 χ^2/NDF : 910082.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.772+/-0.040 χ^2/NDF : 1616624.6/13

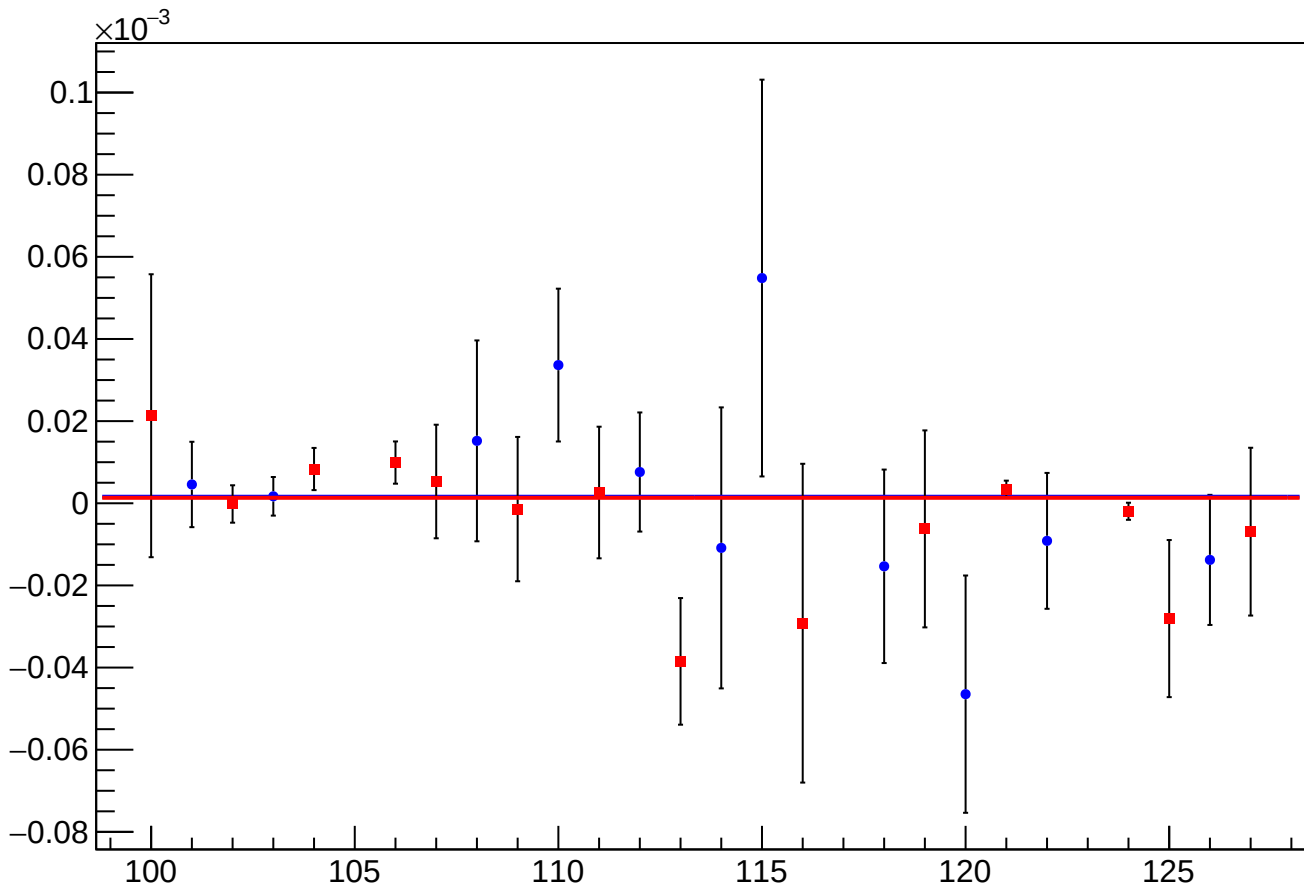
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.431+/-0.030 χ^2/NDF : 2594085.6/24

- 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 $\pm$ 0.000 χ^2 /NDF: 9.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.7/13

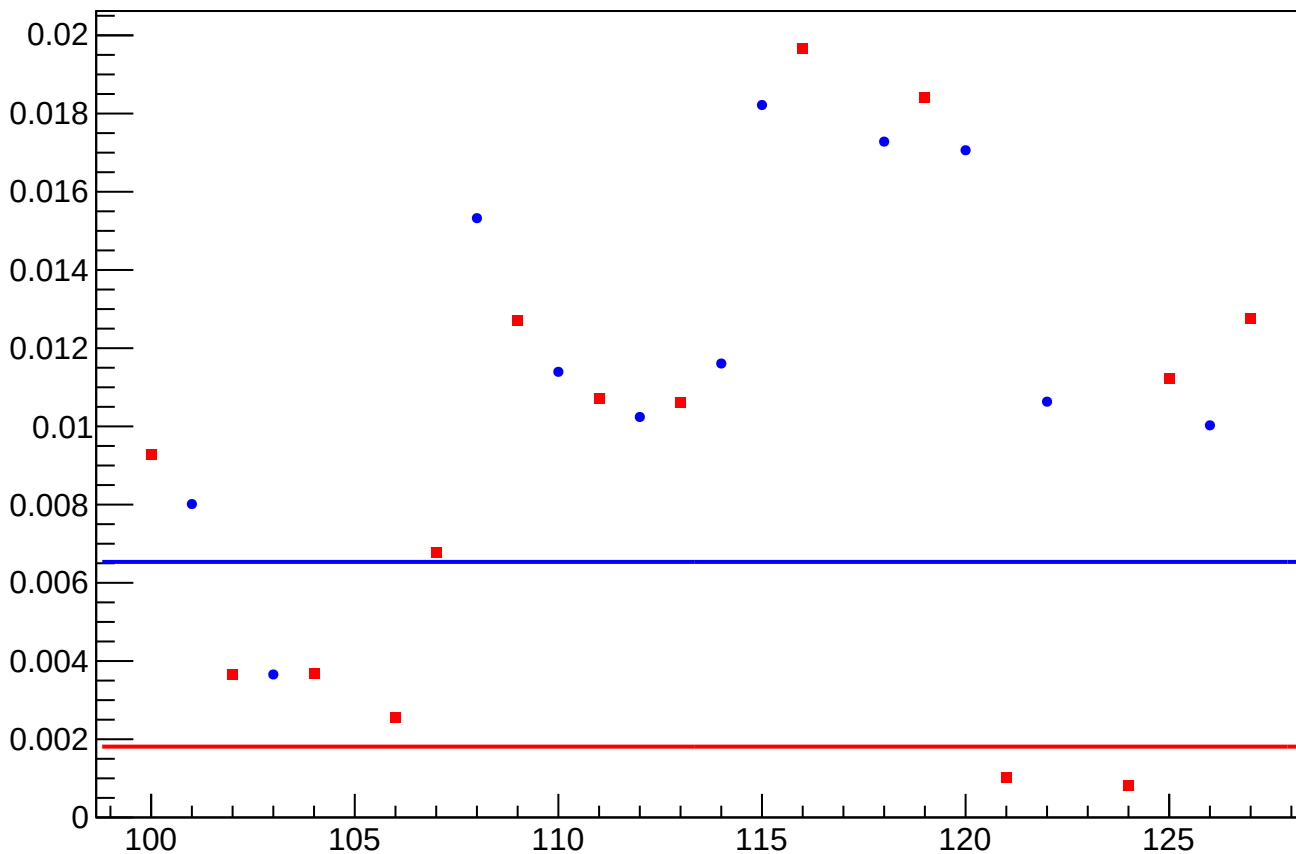
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 28.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 2379238.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 6231930.0/13

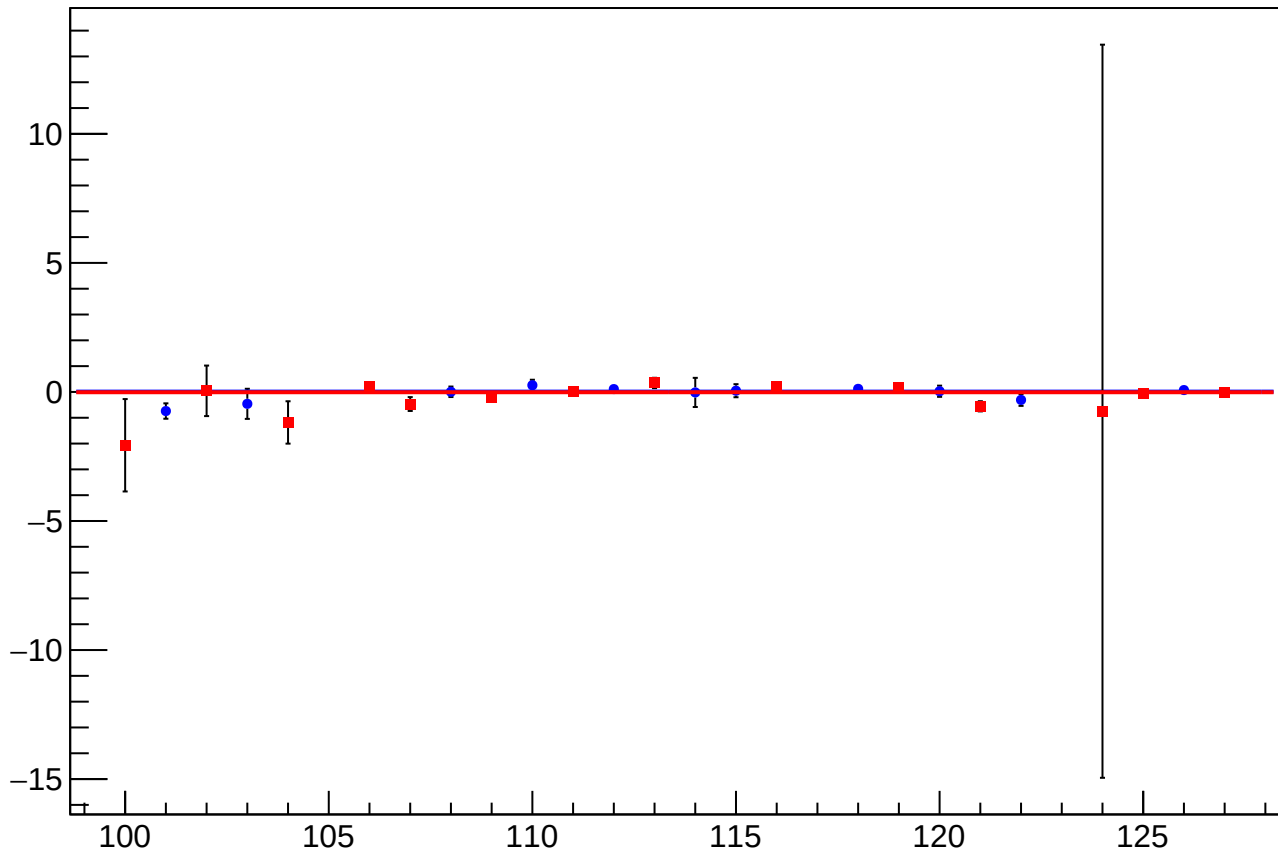
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 11623572.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.013 $\pm$ 0.066 χ^2 /NDF: 11.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.011 $\pm$ 0.056 χ^2 /NDF: 23.8/13

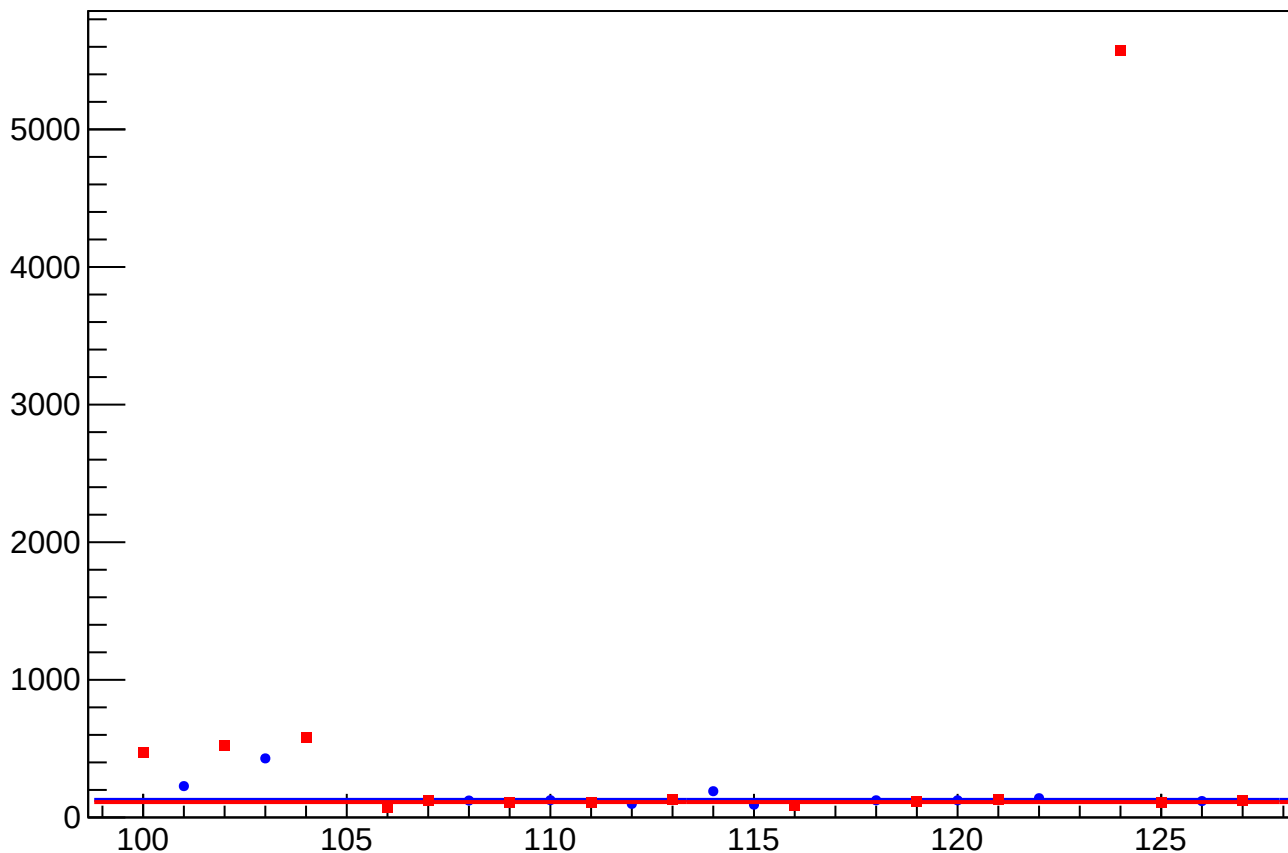
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.001 $\pm$ 0.043 χ^2 /NDF: 35.2/24

- 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: 127.735 +/- 0.047 χ^2/NDF : 910033.6/10

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 111.772 +/- 0.040 χ^2/NDF : 1616583.8/13

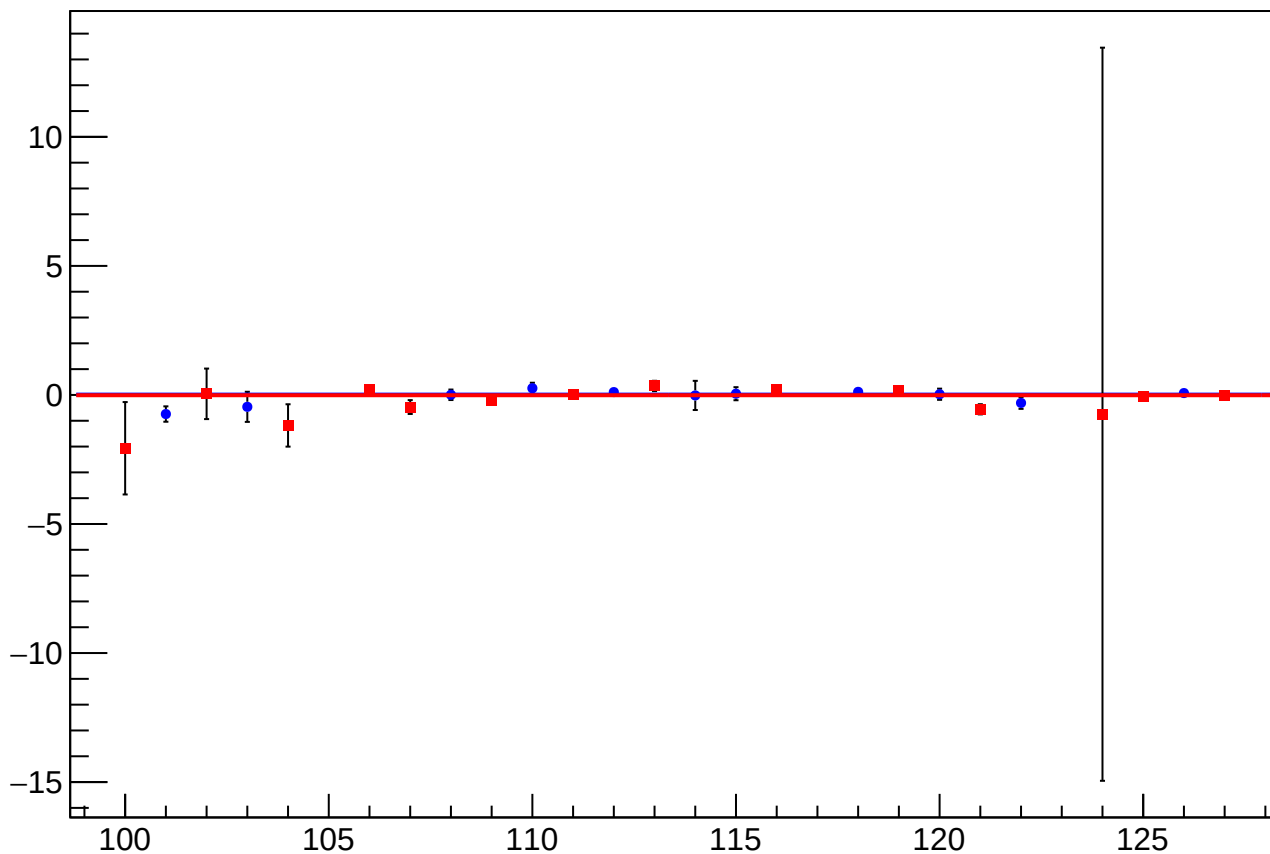
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 118.432 +/- 0.030 χ^2/NDF : 2594005.0/24

- 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: 0.013 $\pm$ 0.066 χ^2 /NDF: 11.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.011 $\pm$ 0.056 χ^2 /NDF: 23.8/13

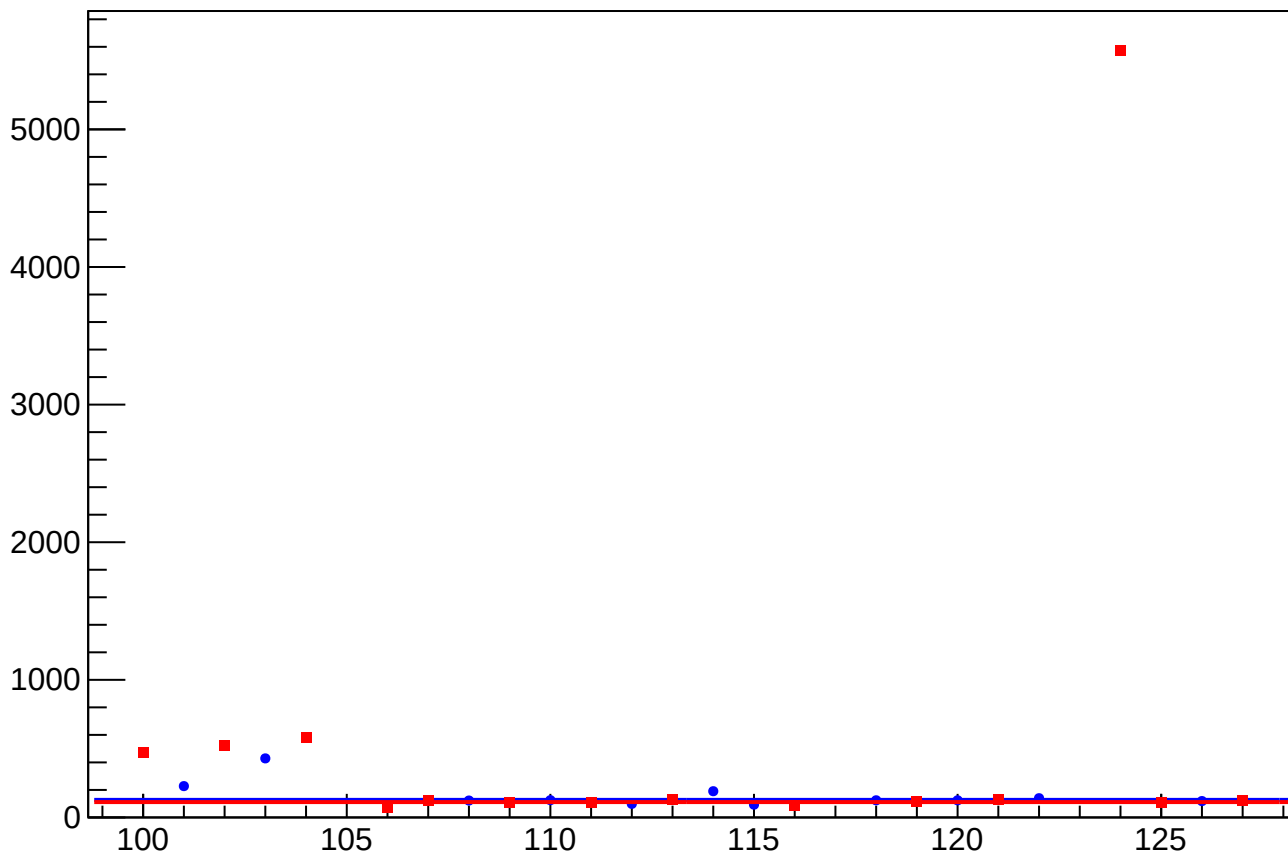
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.001 $\pm$ 0.043 χ^2 /NDF: 35.2/24

- 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: 127.735 $\pm$ 0.047 χ^2 /NDF: 910033.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 111.772 $\pm$ 0.040 χ^2 /NDF: 1616583.8/13

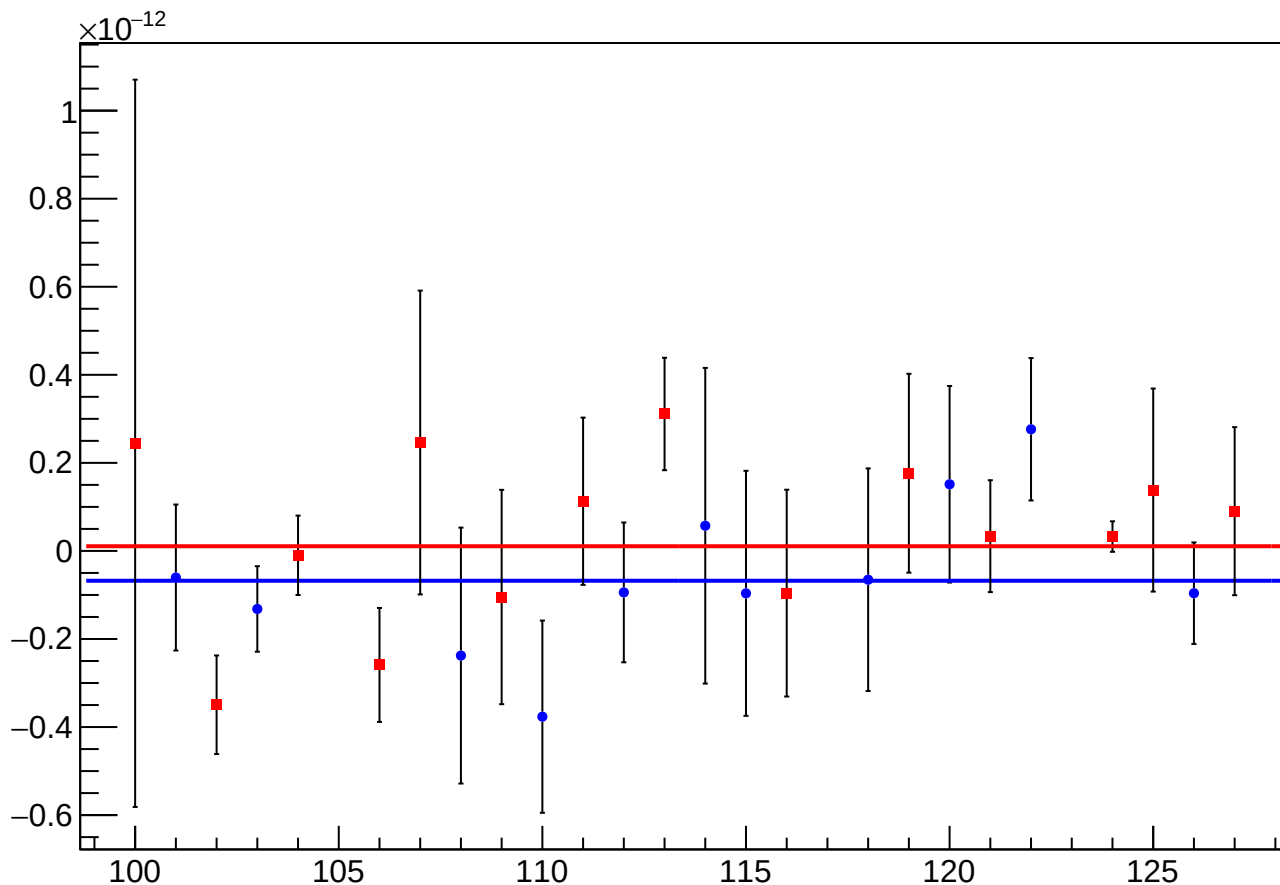
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 118.432 $\pm$ 0.030 χ^2 /NDF: 2594005.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 8.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 23.0/13

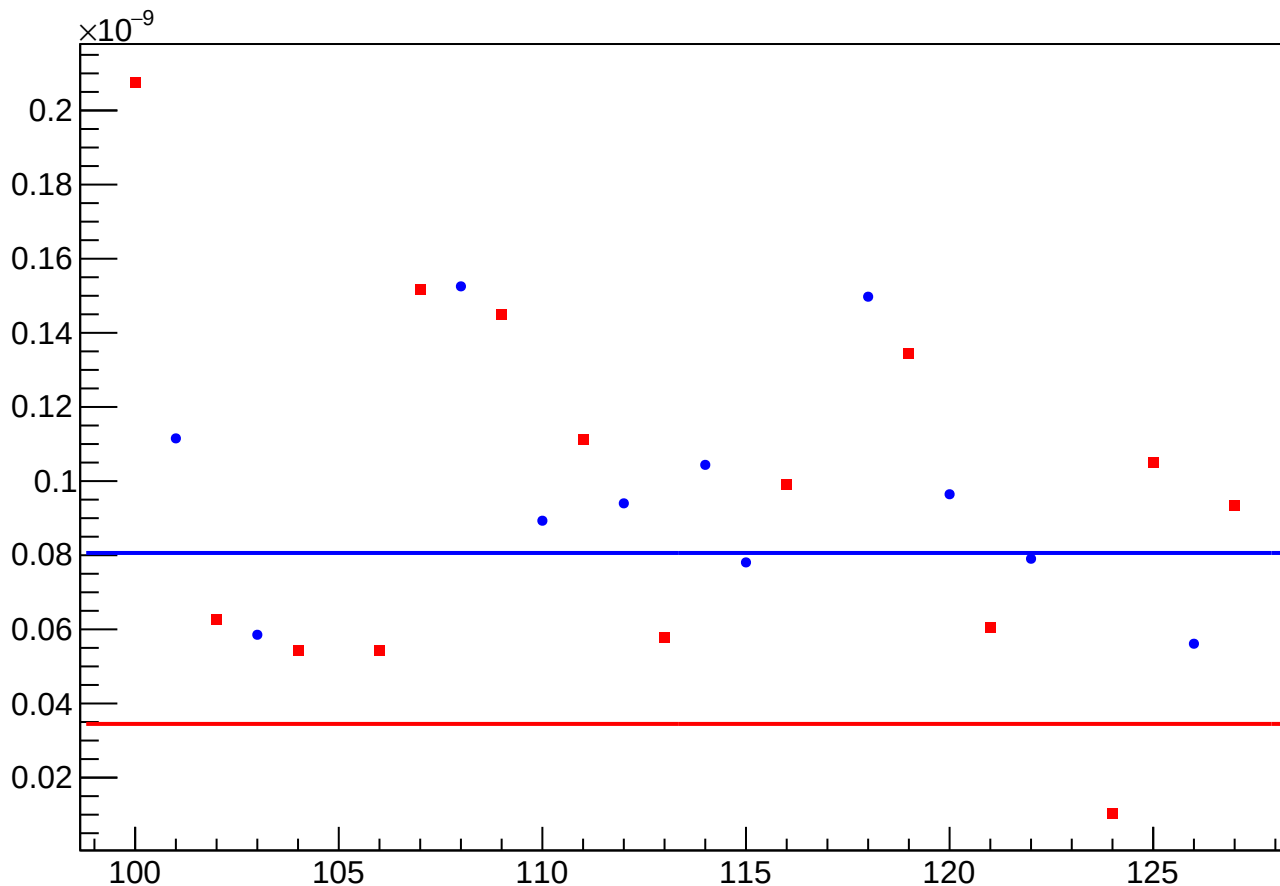
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.3/24

- sign 0.000+/-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 : 571756.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3383575.8/13

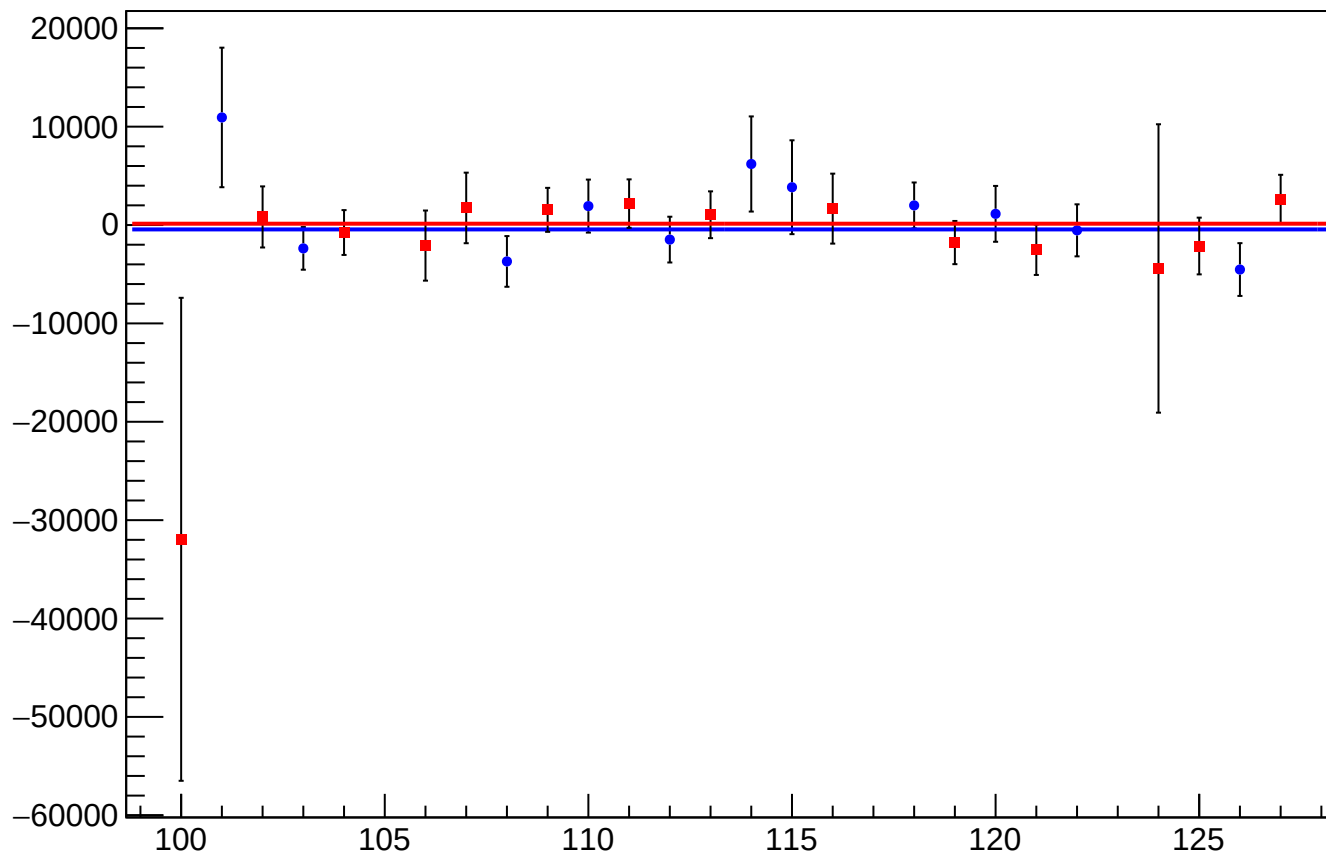
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5231475.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_mean vs Slug



Right In: -446.117+/-850.513 χ^2/NDF : 12.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.776+/-762.542 χ^2/NDF : 7.4/13

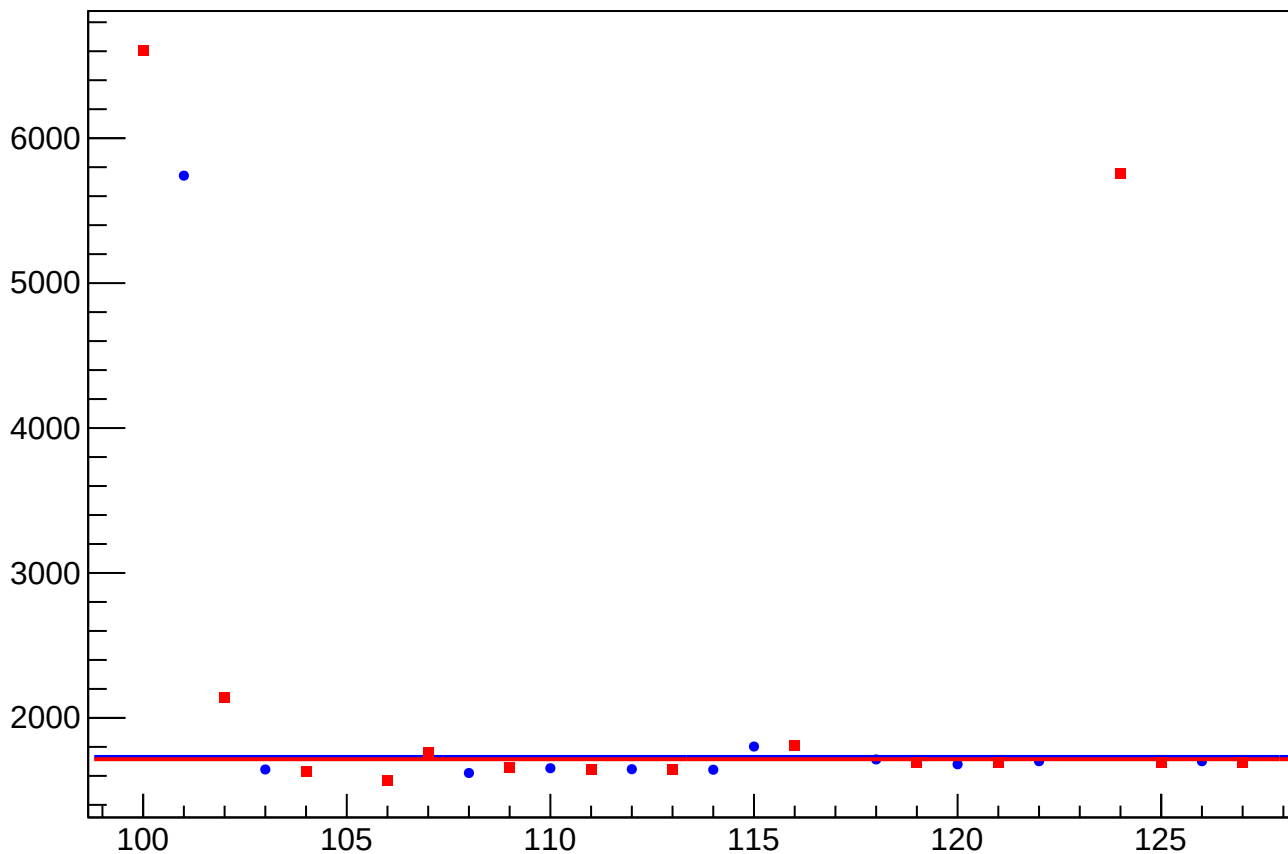
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -124.639+/-567.761 χ^2/NDF : 20.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_rms vs Slug



Right In: 1730.608 $\pm$ 0.601 χ^2 /NDF: 653087.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1715.039 $\pm$ 0.534 χ^2 /NDF: 283916.1/13

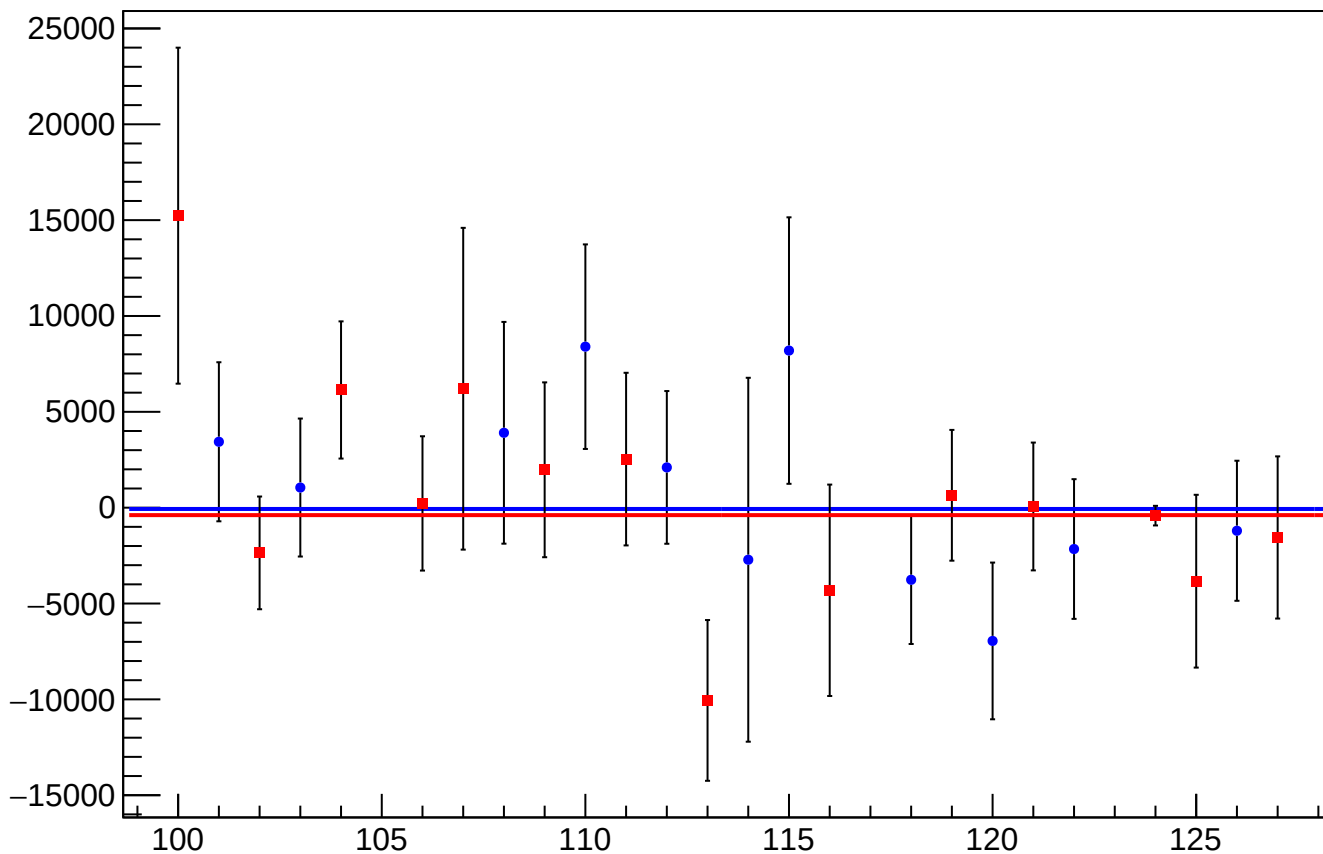
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1721.900 $\pm$ 0.399 χ^2 /NDF: 937378.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_reg_correction_mean vs Slug



Right In: -67.120 $\pm$ 1297.057 χ^2 /NDF: 10.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -388.643 $\pm$ 466.638 χ^2 /NDF: 14.9/13

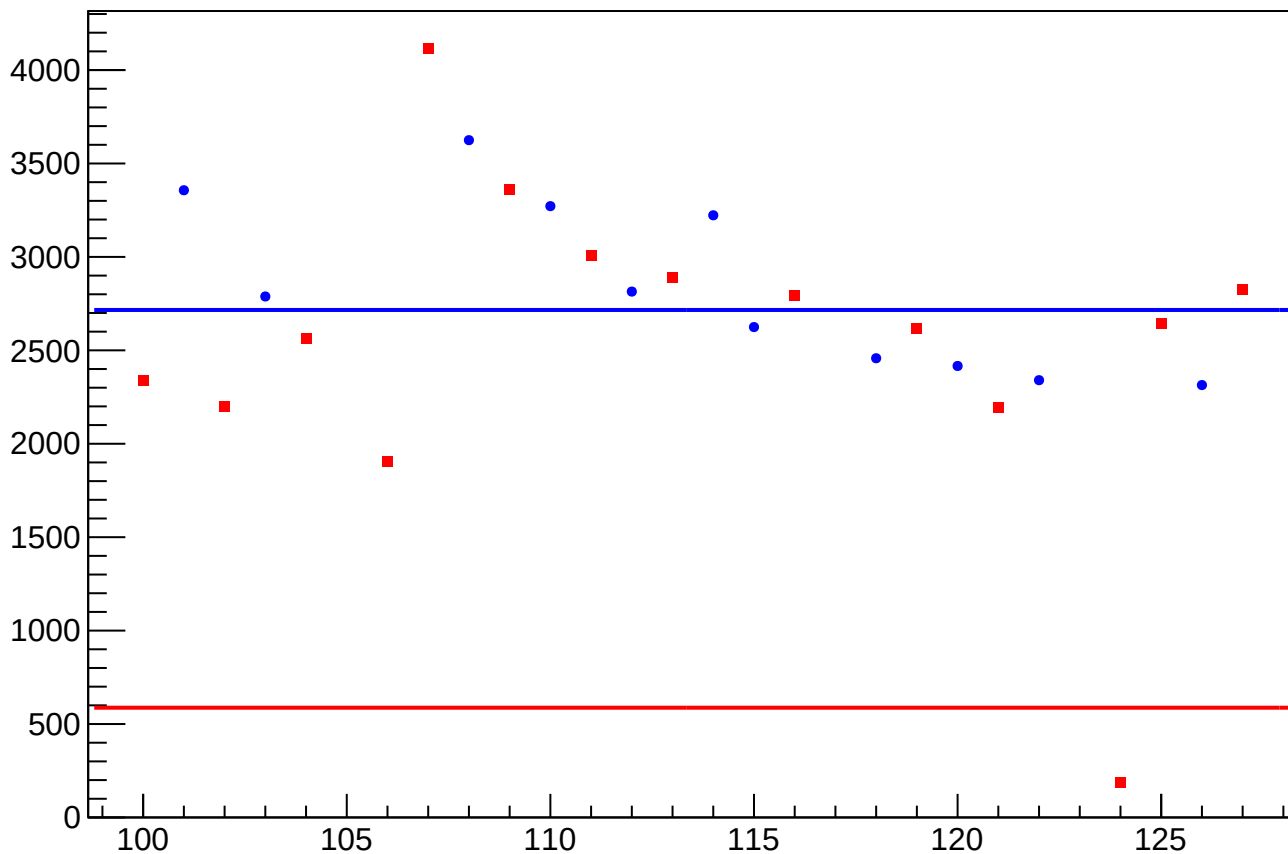
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -351.796 $\pm$ 439.086 χ^2 /NDF: 25.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_reg_correction_rms vs Slug



Right In: 2716.063+/-0.917 χ^2/NDF : 194957.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 587.378+/-0.330 χ^2/NDF : 7529671.0/13

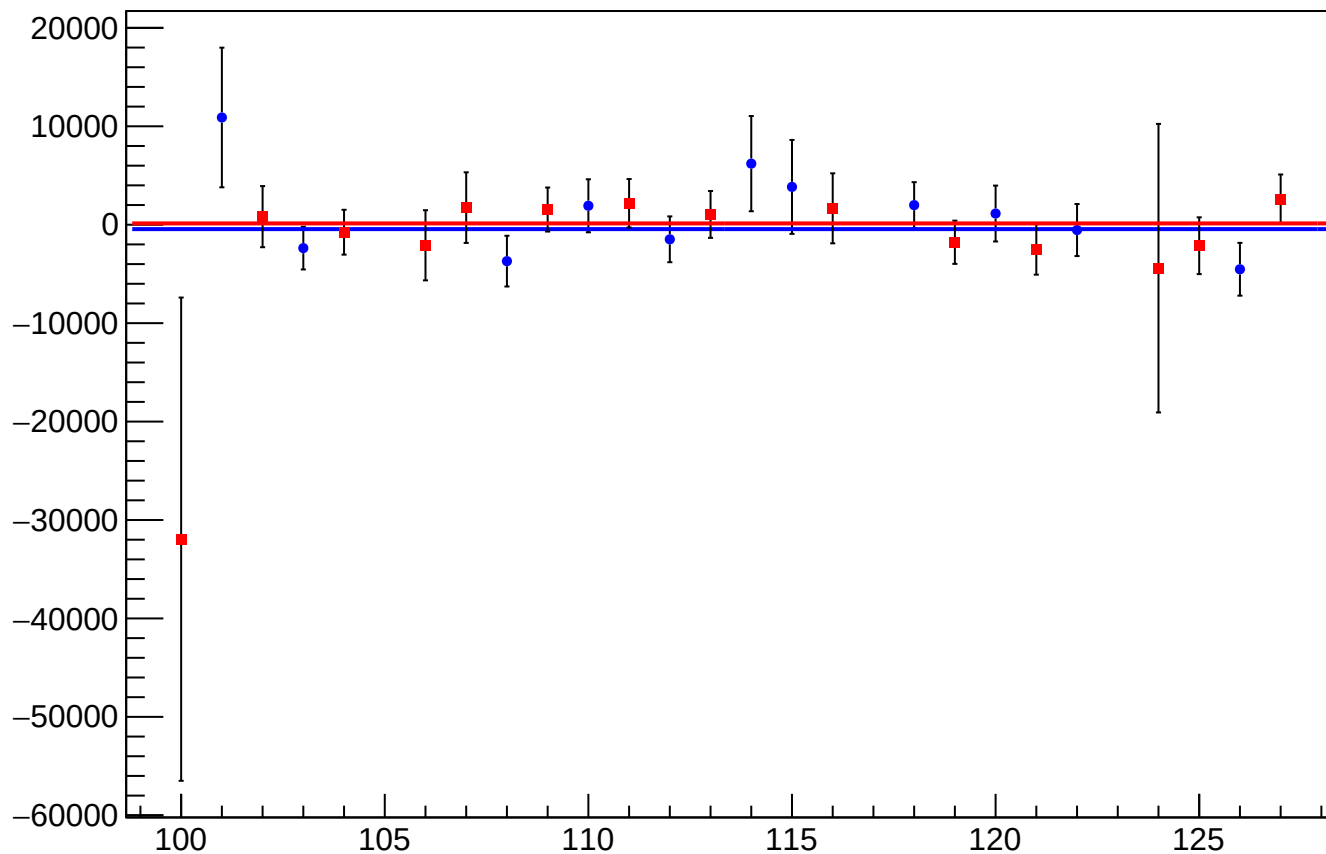
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 831.323+/-0.310 χ^2/NDF : 12494145.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atr1l2_dd_mean vs Slug



Right In: -446.812 ± 850.513 χ^2/NDF : 12.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 133.668 ± 762.542 χ^2/NDF : 7.4/13

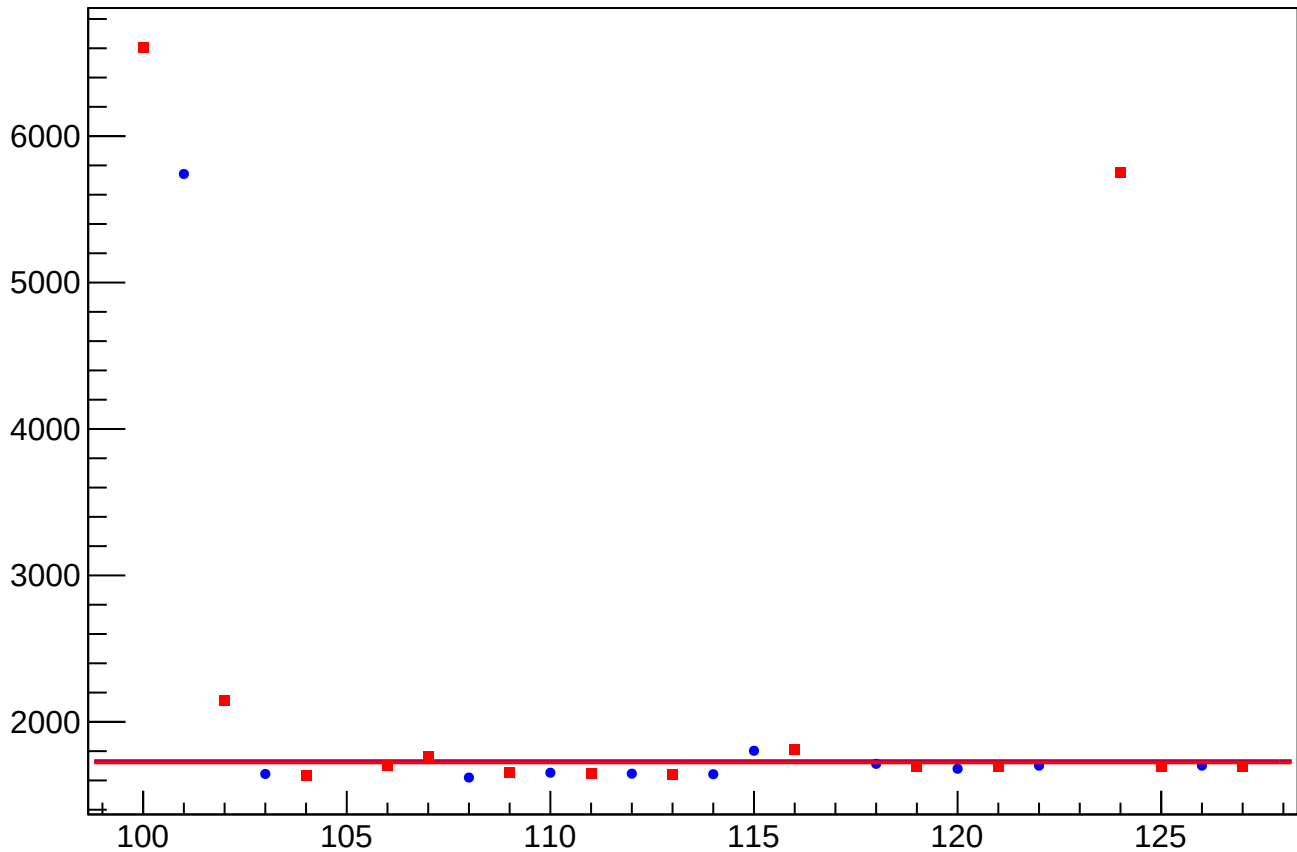
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -125.008 ± 567.761 χ^2/NDF : 20.0/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_atr1l2_dd_rms vs Slug



Right In: 1730.607+/-0.601 χ^2/NDF : 653087.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1723.851+/-0.536 χ^2/NDF : 278797.3/13

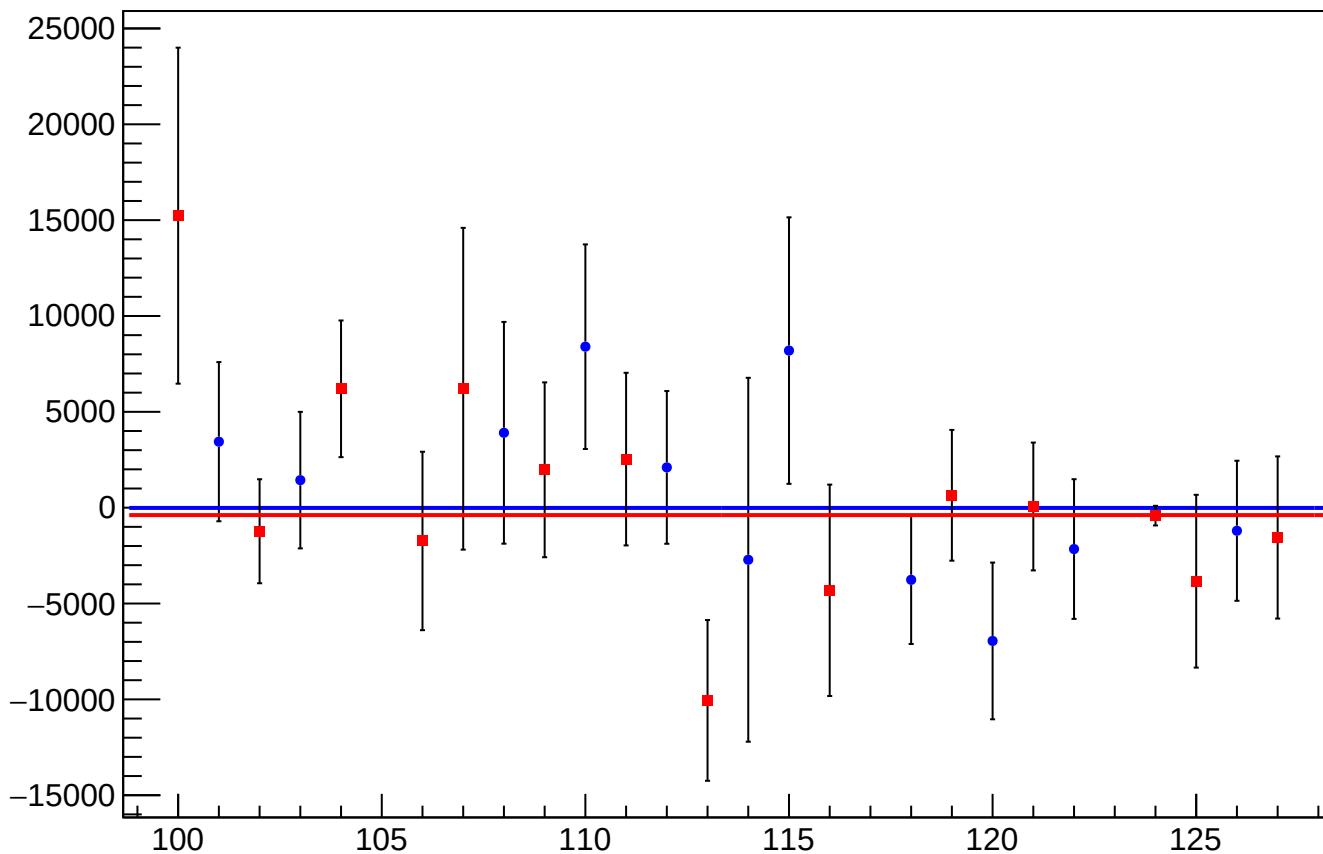
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1726.845+/-0.400 χ^2/NDF : 931955.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_cor_correction_mean vs Slug



Right In: -13.023+/-1295.362 χ^2/NDF : 10.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -386.413+/-467.605 χ^2/NDF : 14.7/13

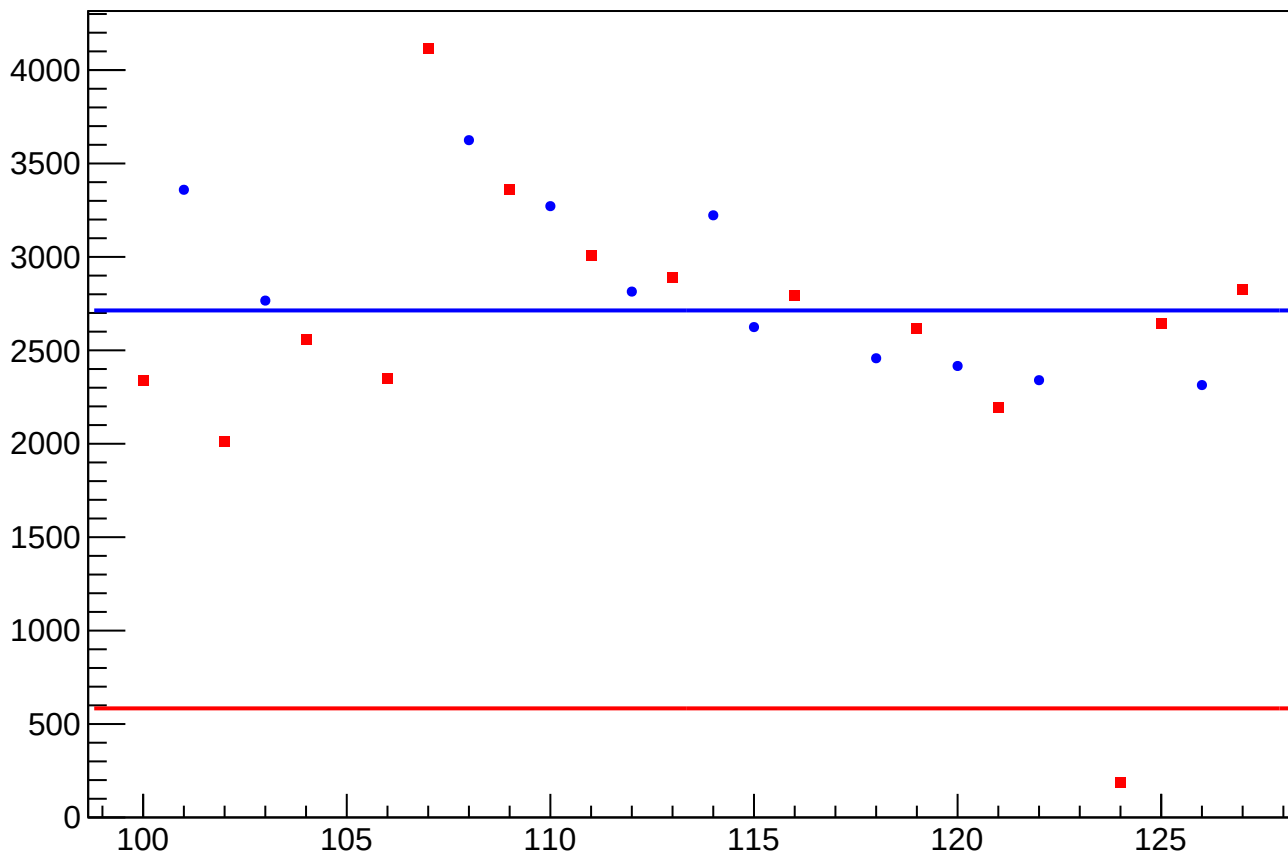
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -343.366+/-439.826 χ^2/NDF : 24.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_cor_correction_rms vs Slug



Right In: 2713.504+/-0.916 χ^2/NDF : 194860.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 583.779+/-0.331 χ^2/NDF : 7480263.5/13

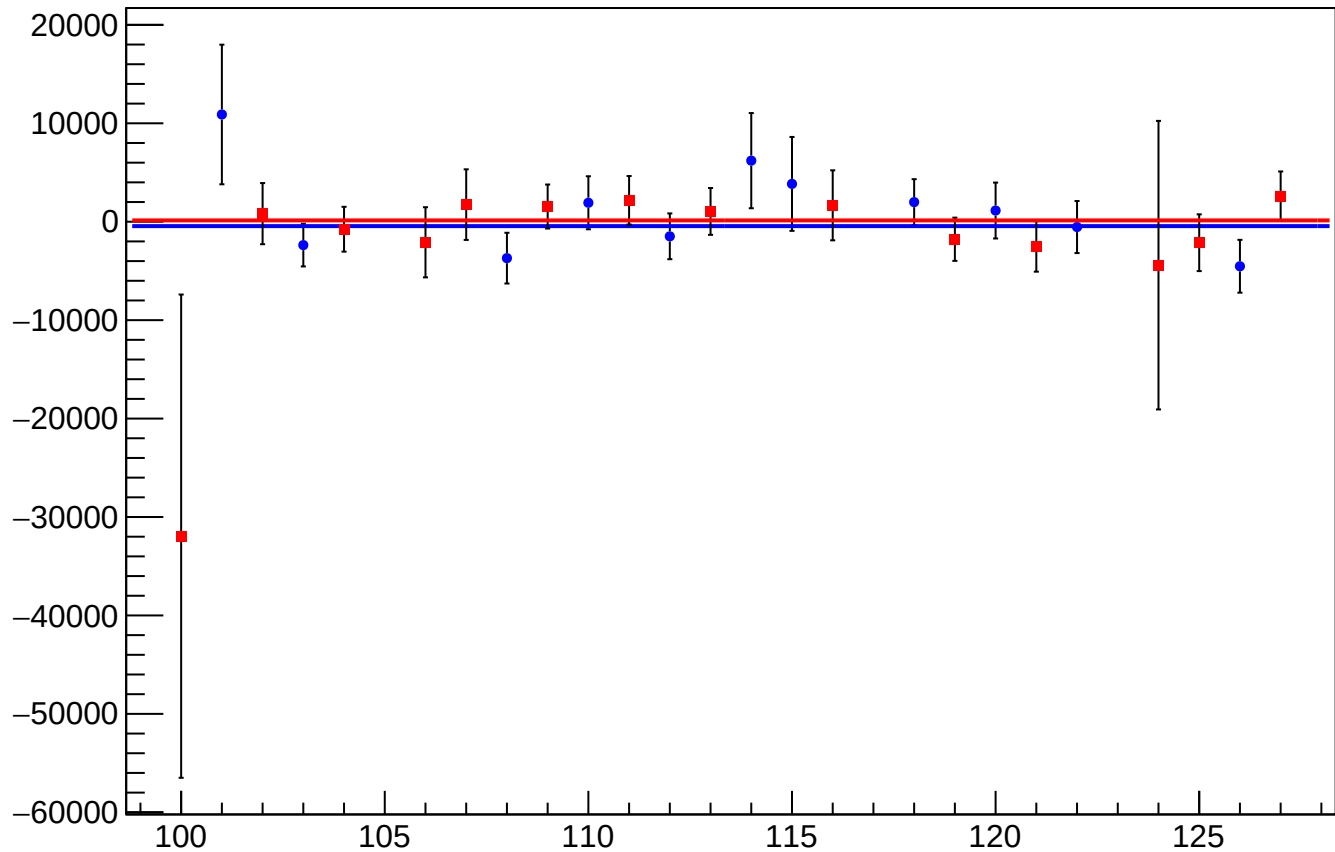
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 829.308+/-0.311 χ^2/NDF : 12458091.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr1l2_dd_mean vs Slug



Right In: -446.812 $\pm$ 850.513 χ^2 /NDF: 12.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 133.668 $\pm$ 762.542 χ^2 /NDF: 7.4/13

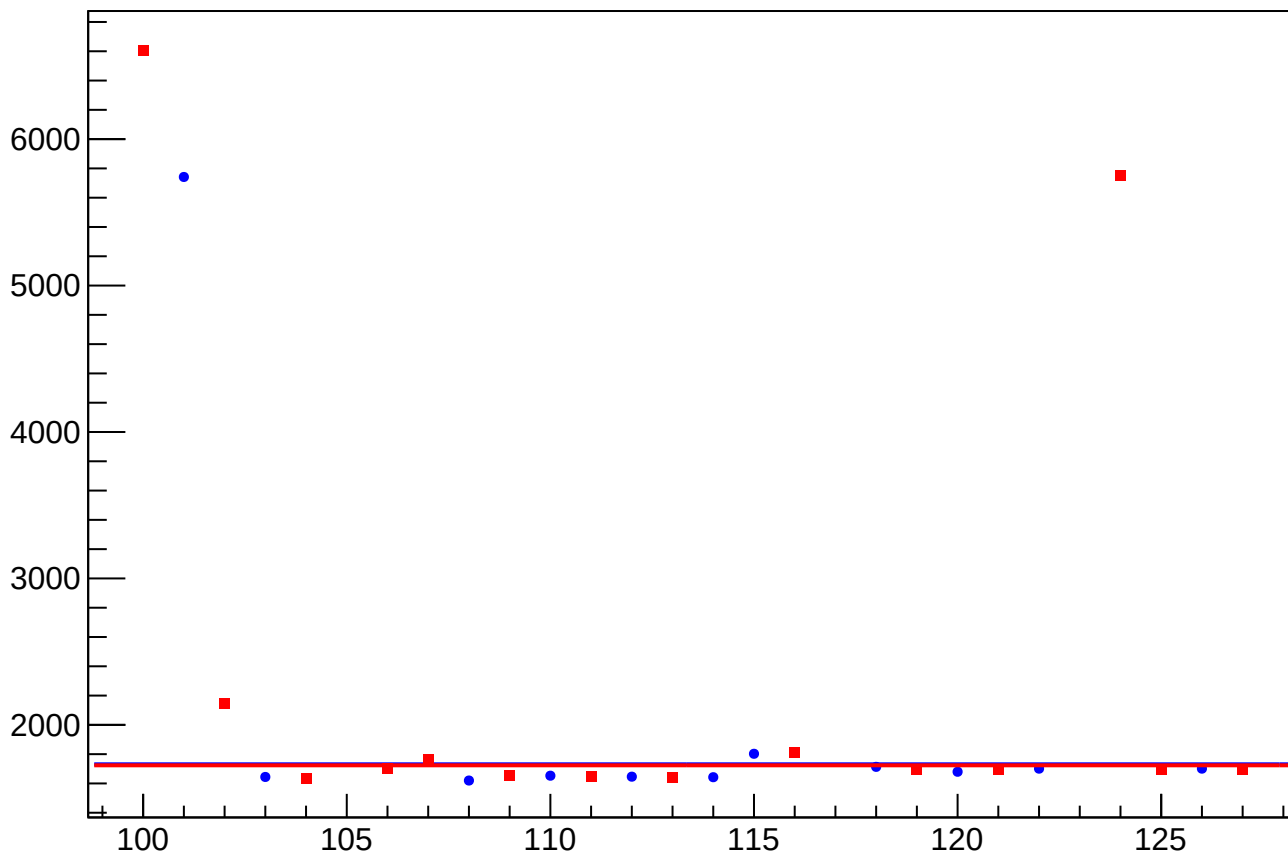
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -125.008 $\pm$ 567.761 χ^2 /NDF: 20.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atr1l2_dd_rms vs Slug



Right In: 1730.607+/-0.601 χ^2/NDF : 653087.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1723.851+/-0.536 χ^2/NDF : 278797.3/13

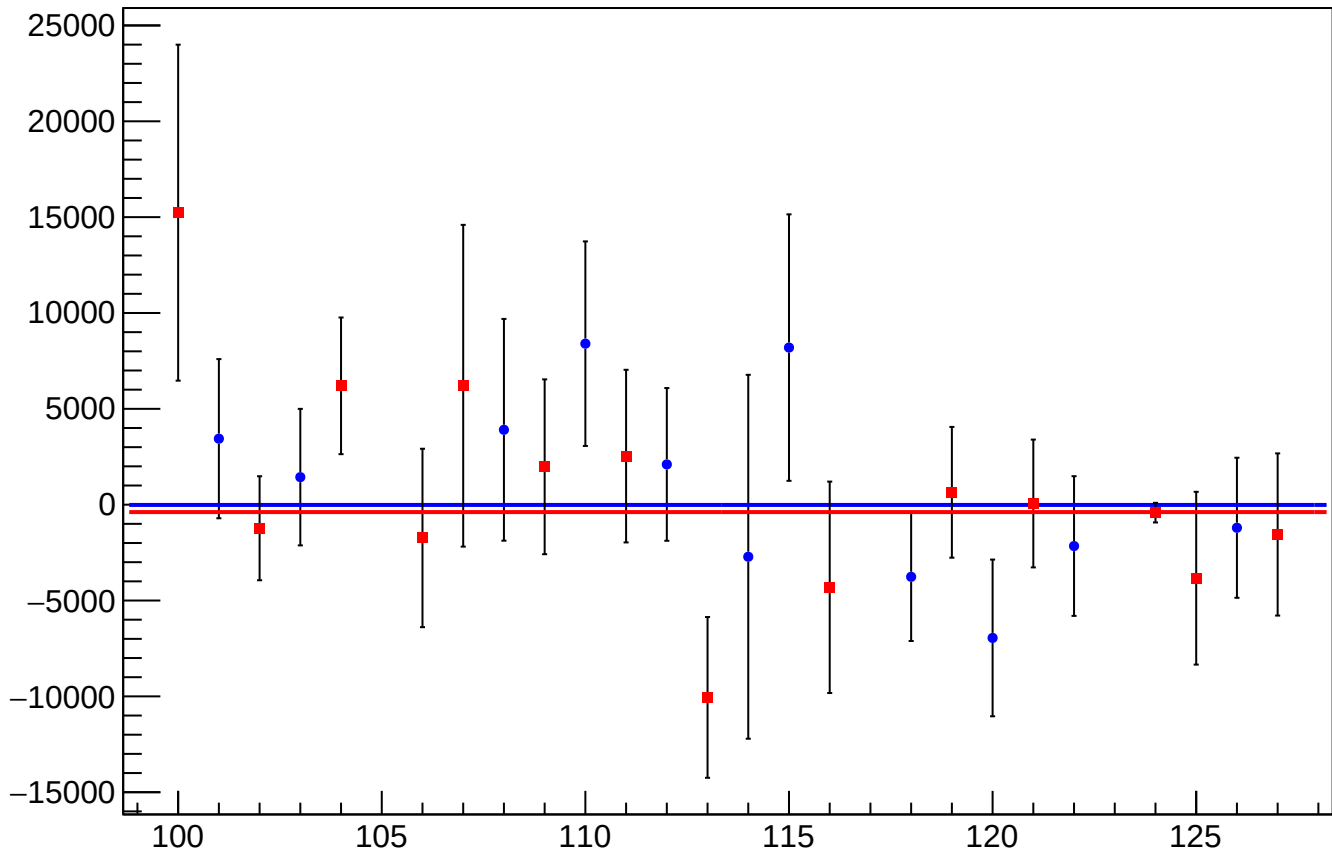
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1726.845+/-0.400 χ^2/NDF : 931955.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_cor_correction_mean vs Slug



Right In: -13.023+/-1295.362 χ^2/NDF : 10.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -386.413+/-467.605 χ^2/NDF : 14.7/13

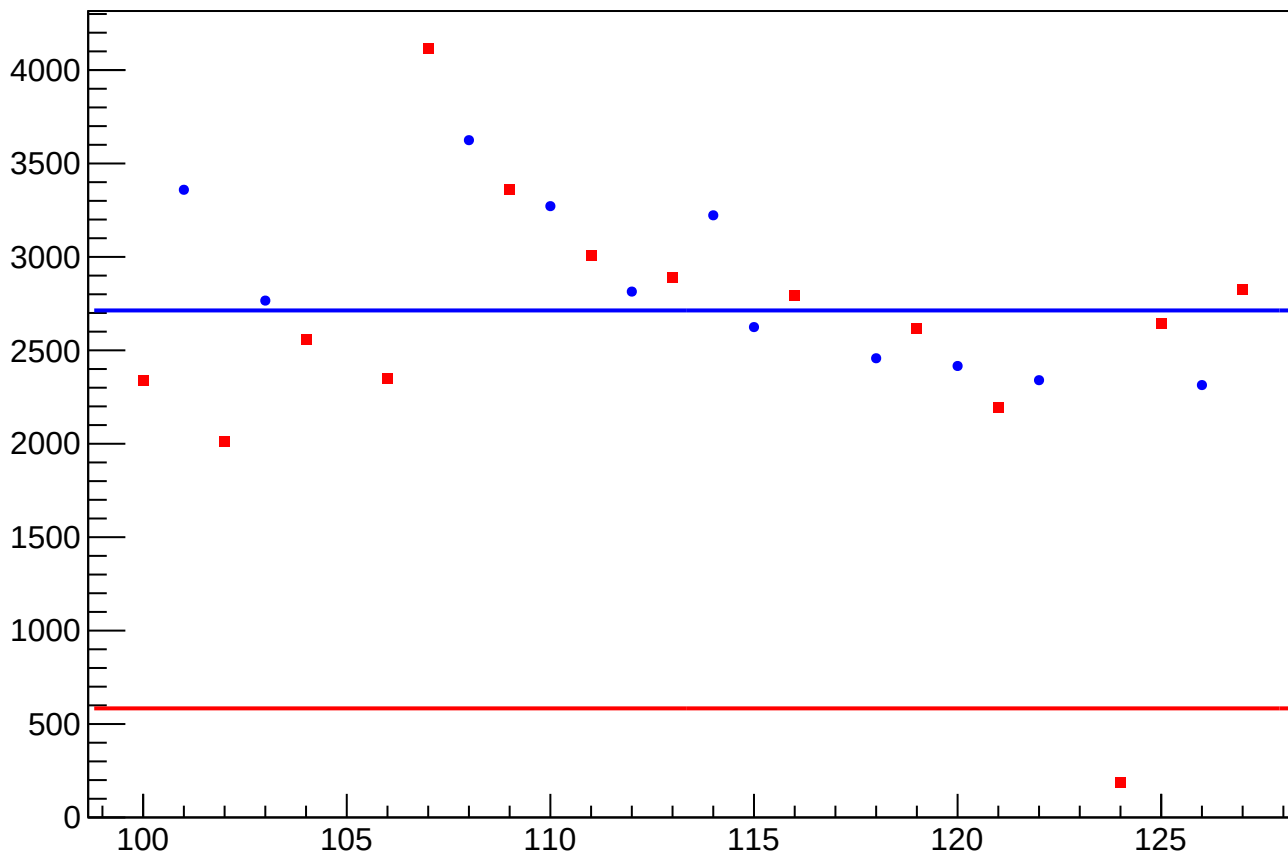
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -343.366+/-439.826 χ^2/NDF : 24.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_cor_correction_rms vs Slug



Right In: 2713.504+/-0.916 χ^2/NDF : 194860.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 583.779+/-0.331 χ^2/NDF : 7480263.5/13

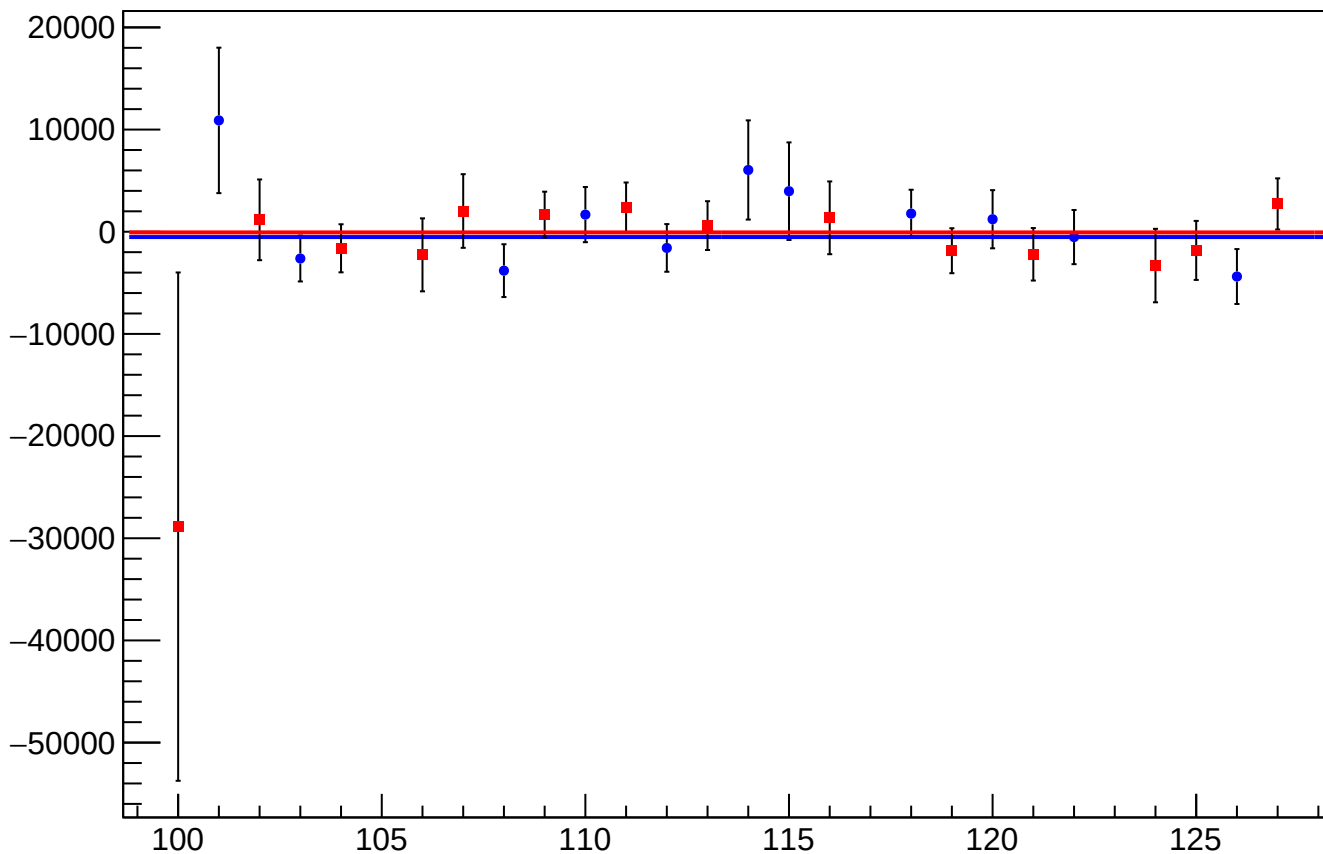
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 829.308+/-0.311 χ^2/NDF : 12458091.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr1l2_dd_mean vs Slug



Right In: -520.028+/-856.858 χ^2 /NDF: 12.1/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -64.360+/-759.422 χ^2 /NDF: 8.2/13

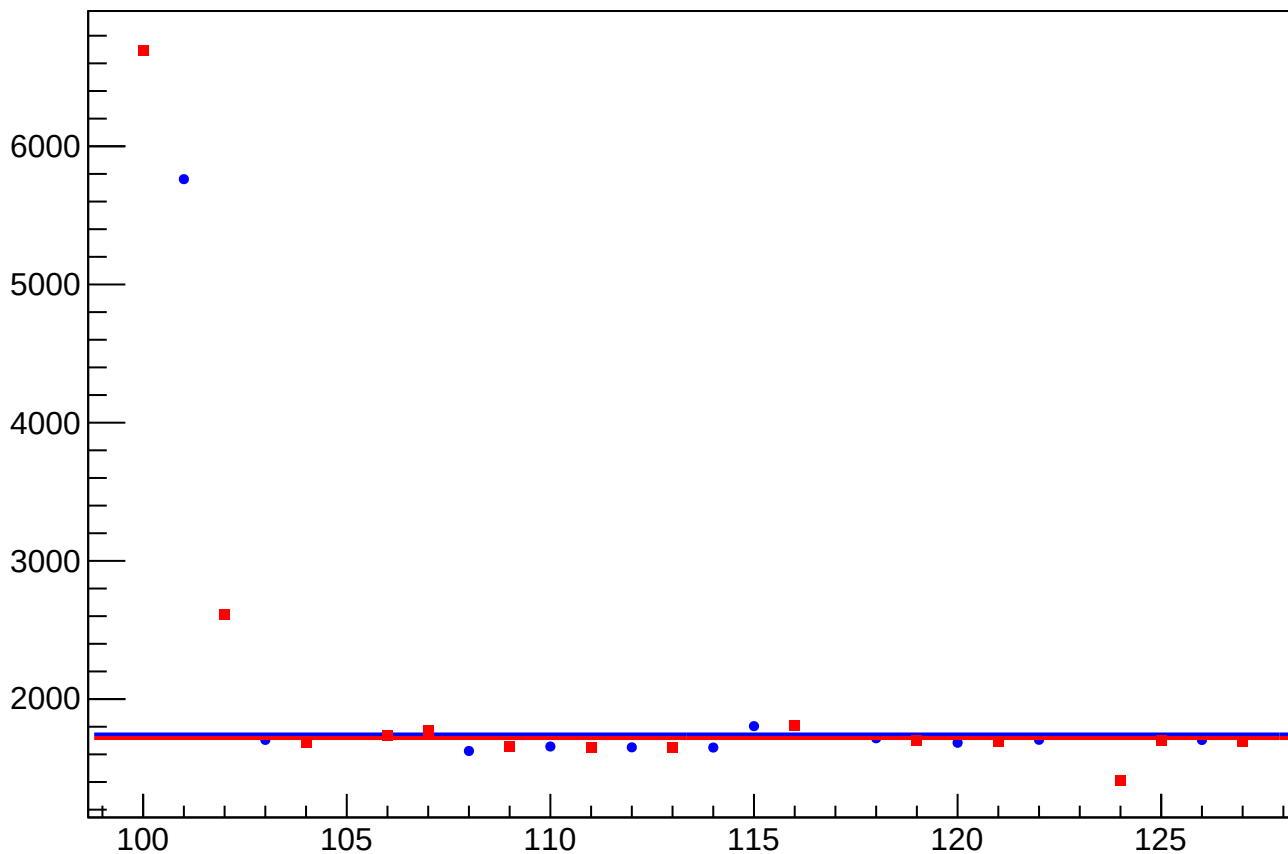
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -264.824+/-568.333 χ^2 /NDF: 20.4/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_asym_atr1l2_dd_rms vs Slug



Right In: 1743.842 $\pm$ 0.606 χ^2 /NDF: 650461.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1718.112 $\pm$ 0.535 χ^2 /NDF: 204746.9/13

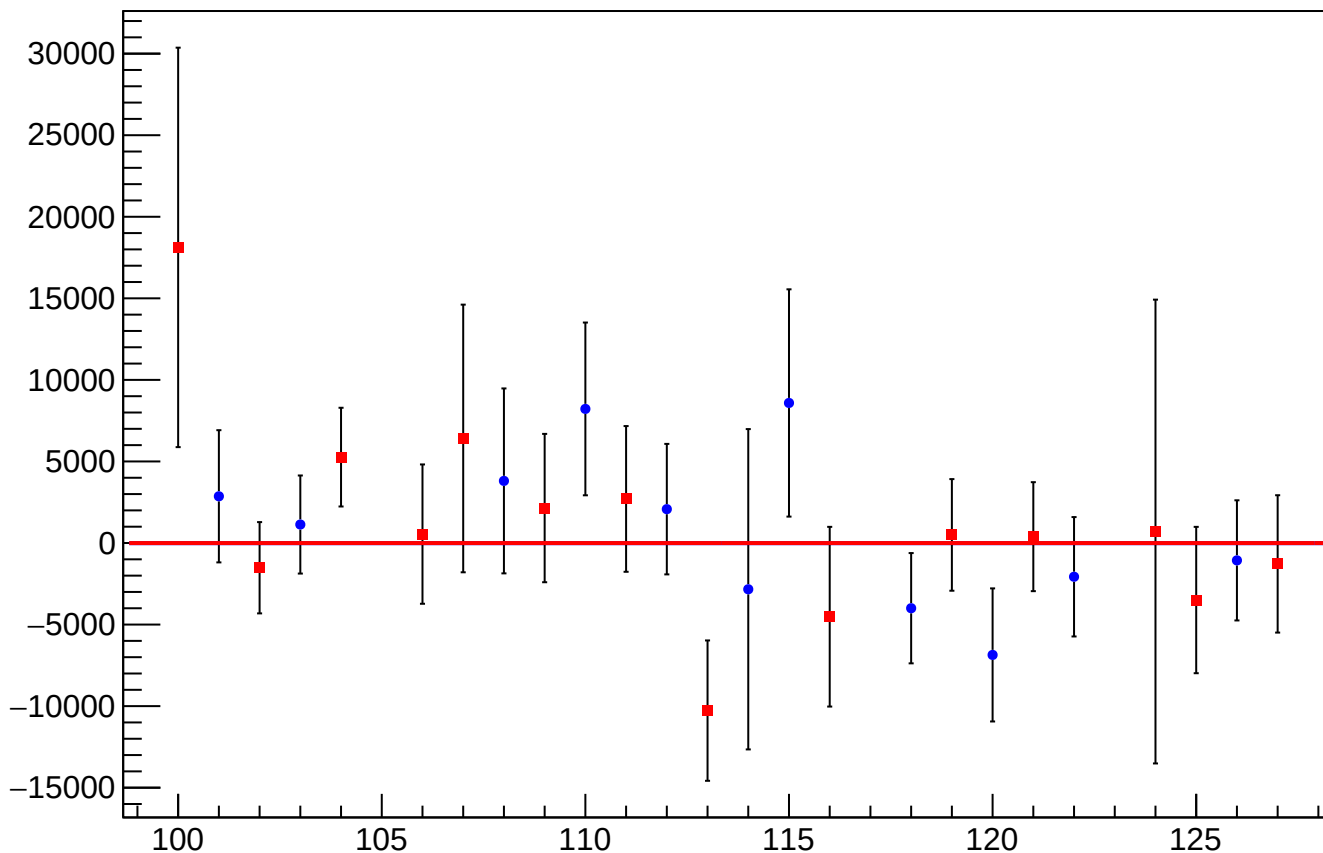
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1729.382 $\pm$ 0.401 χ^2 /NDF: 856221.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_dit_correction_mean vs Slug



Right In: -10.363+/-1262.110 χ^2/NDF : 10.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.753+/-1128.791 χ^2/NDF : 13.8/13

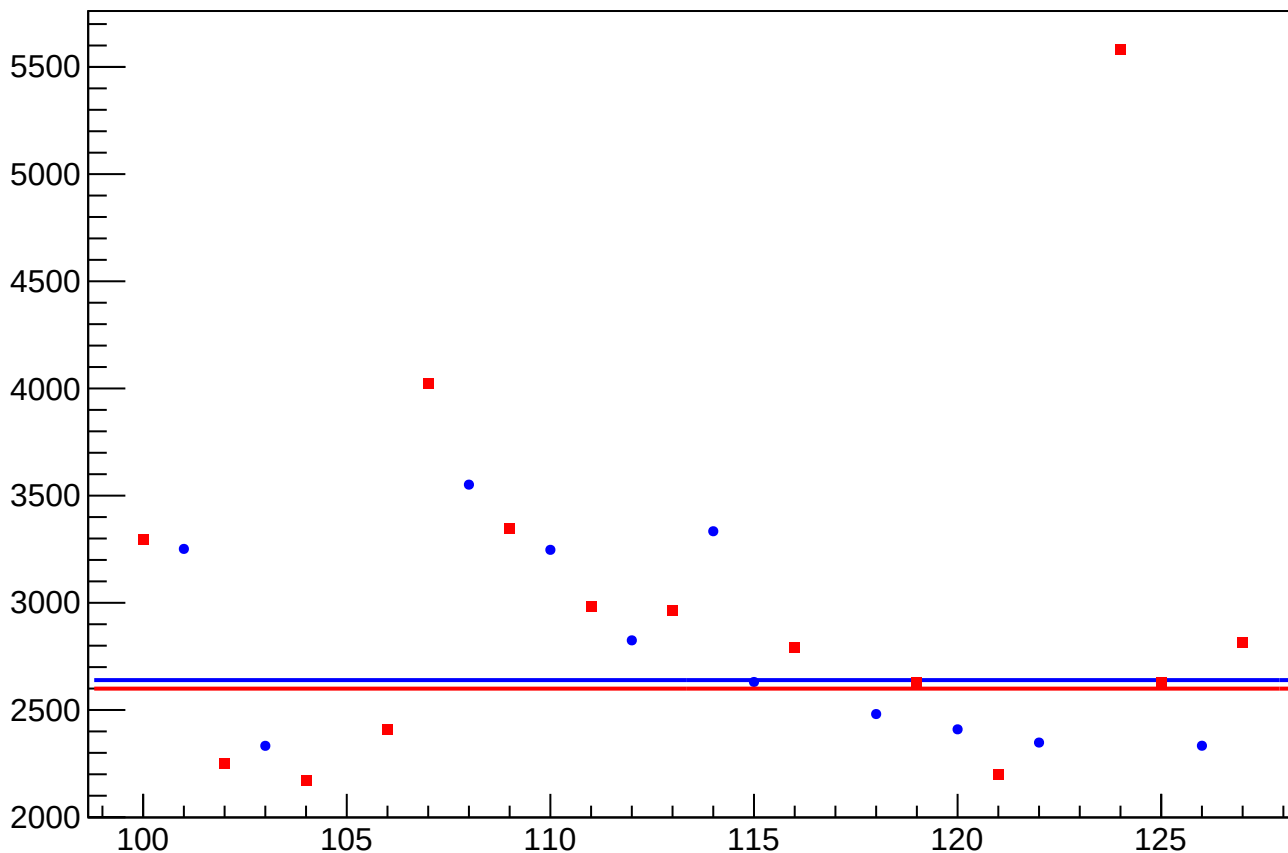
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.691+/-841.376 χ^2/NDF : 23.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_dit_correction_rms vs Slug



Right In: 2639.433+/-0.892 χ^2/NDF : 196062.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2599.636+/-0.798 χ^2/NDF : 349870.0/13

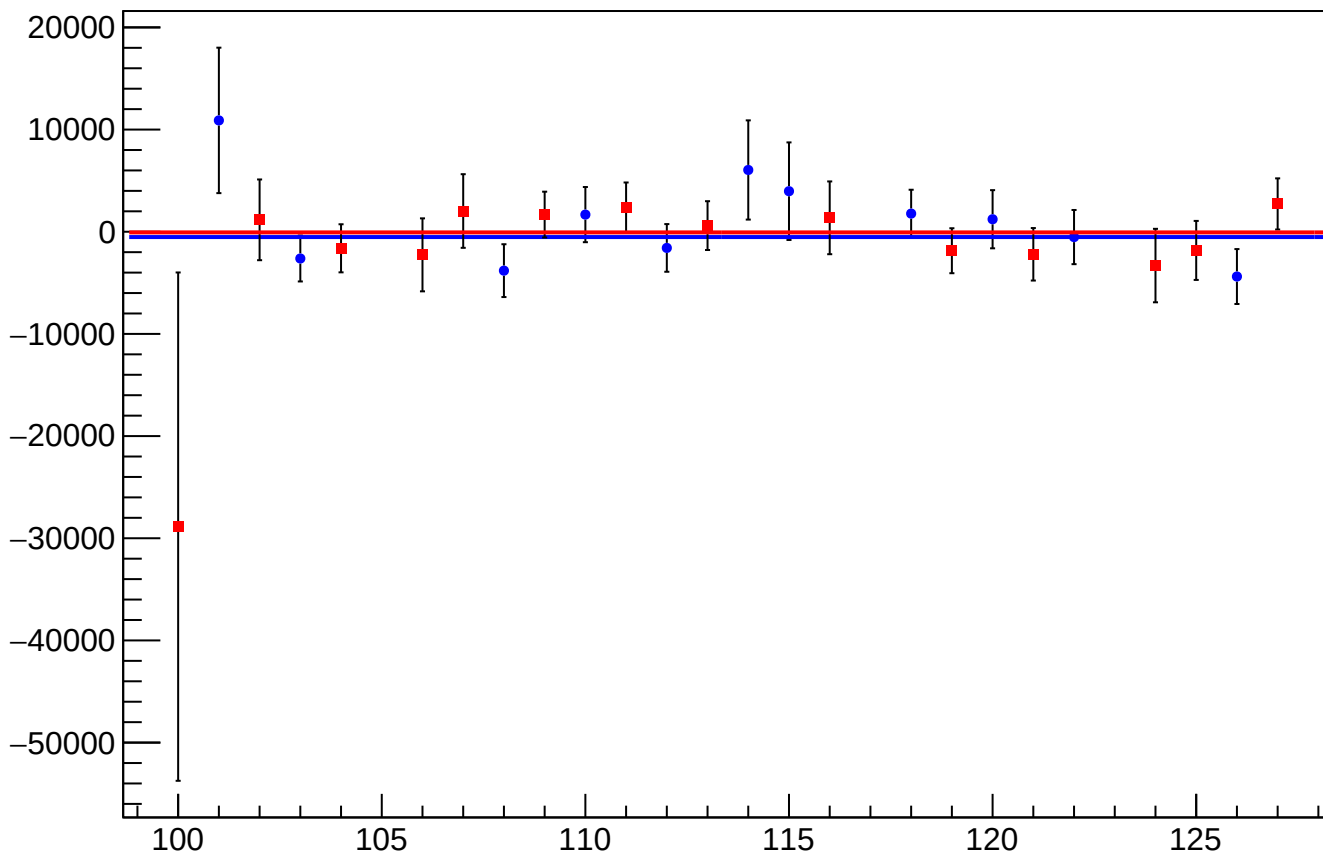
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2617.322+/-0.595 χ^2/NDF : 547037.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr1l2_dd_mean vs Slug



Right In: -520.026+/-856.858 χ^2 /NDF: 12.1/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -64.354+/-759.422 χ^2 /NDF: 8.2/13

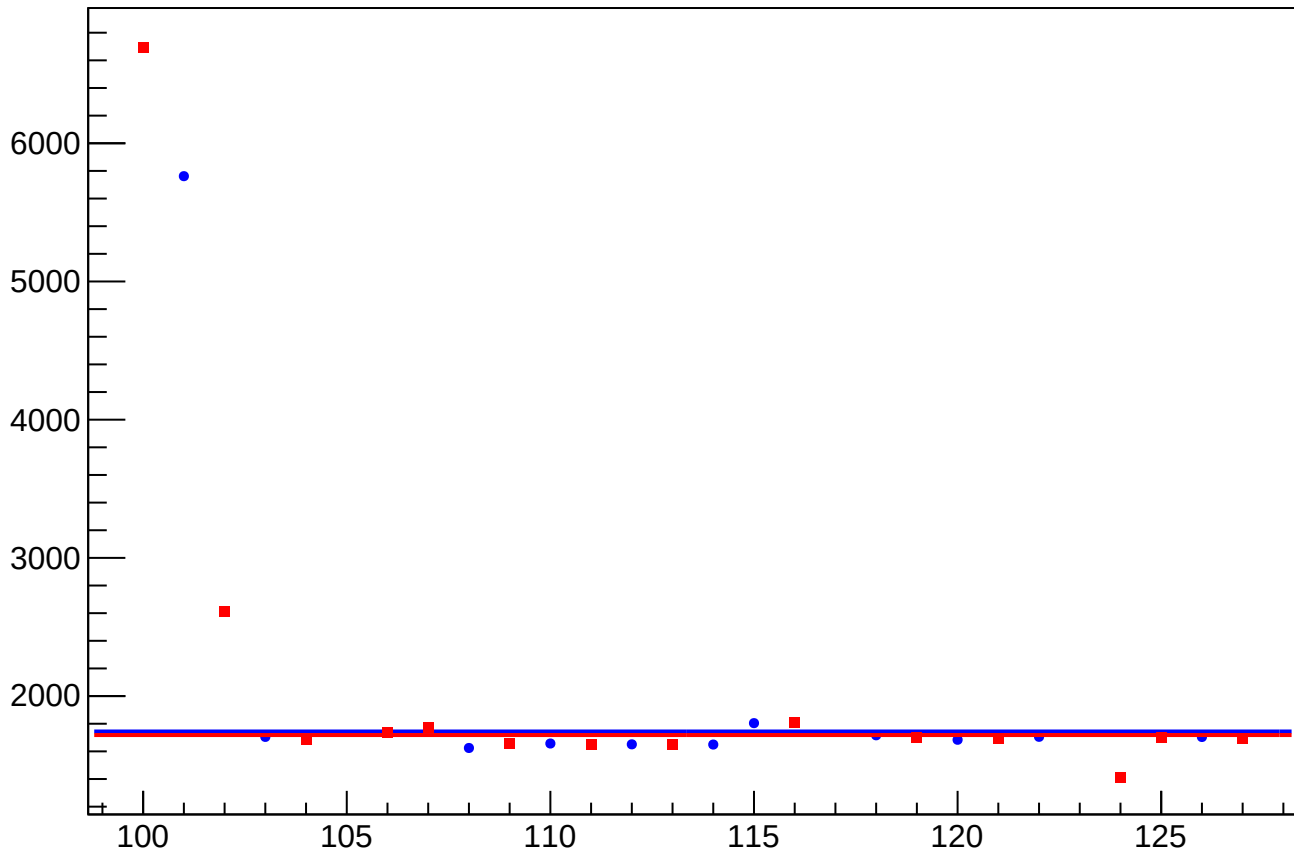
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -264.820+/-568.333 χ^2 /NDF: 20.4/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atr1l2_dd_rms vs Slug



Right In: 1743.842 $\pm$ 0.606 χ^2 /NDF: 650461.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1718.112 $\pm$ 0.535 χ^2 /NDF: 204746.8/13

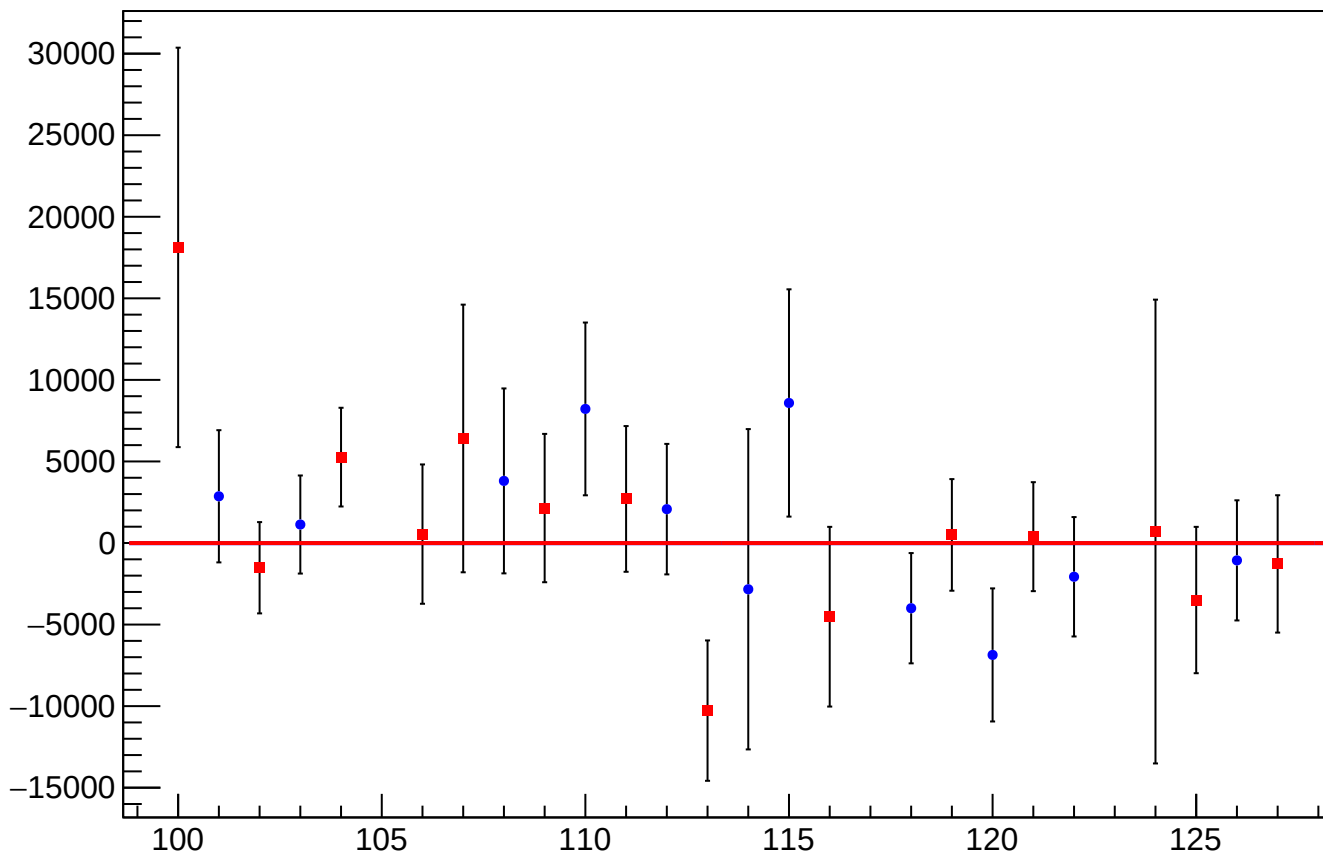
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1729.382 $\pm$ 0.401 χ^2 /NDF: 856221.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_eigen_dit_correction_mean vs Slug



Right In: -10.368+/-1262.106 χ^2/NDF : 10.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.753+/-1128.789 χ^2/NDF : 13.8/13

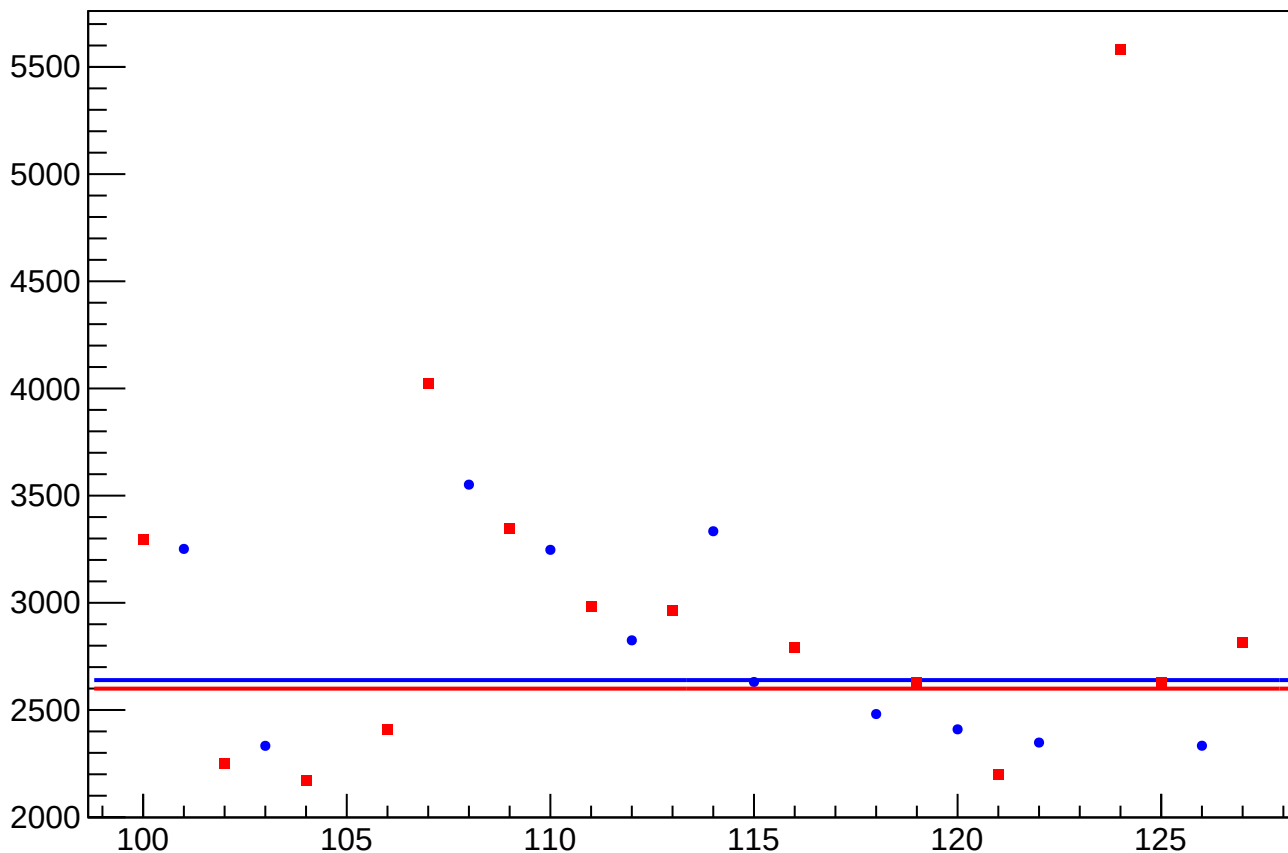
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.692+/-841.374 χ^2/NDF : 23.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_dit_correction_rms vs Slug



Right In: 2639.425+/-0.892 χ^2/NDF : 196063.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2599.631+/-0.798 χ^2/NDF : 349866.3/13

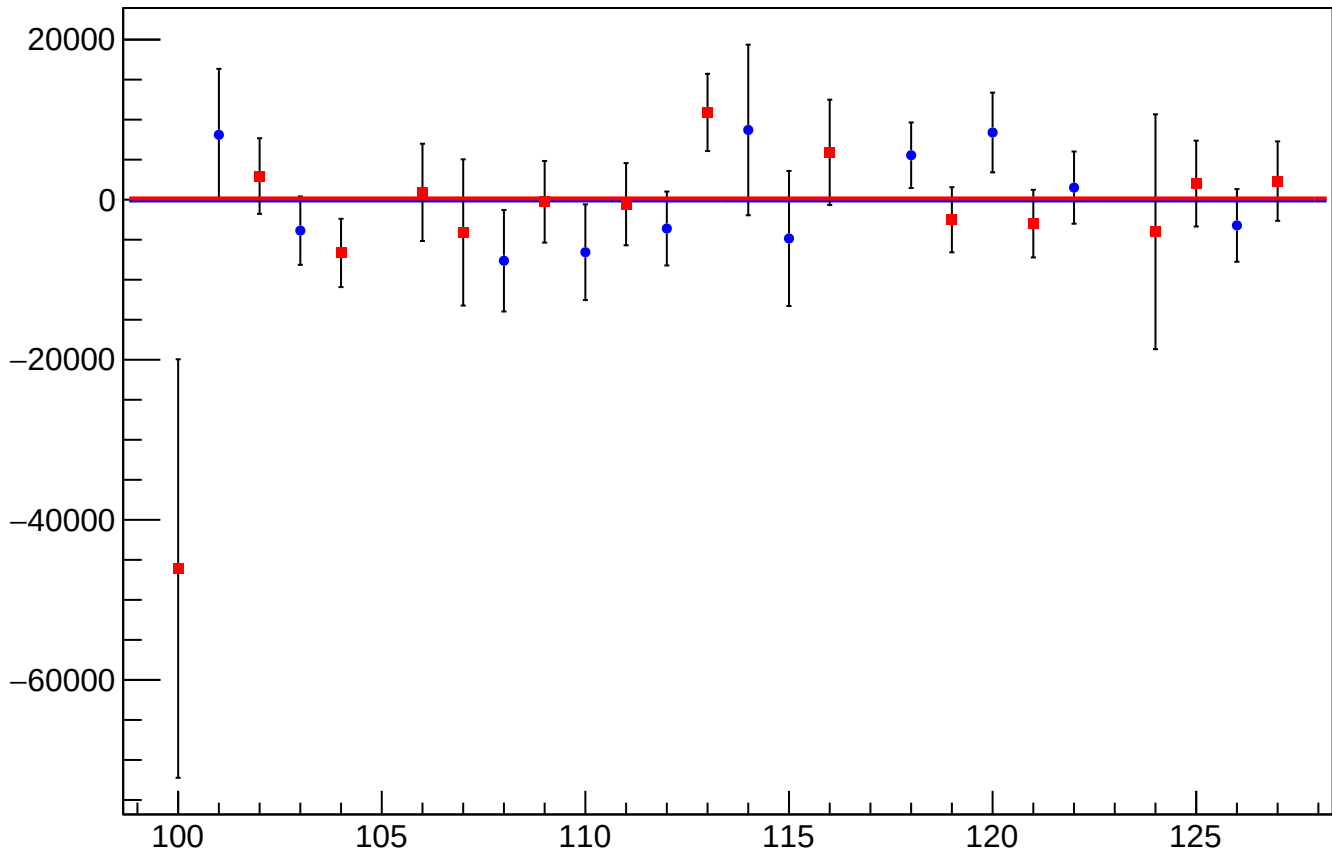
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2617.316+/-0.595 χ^2/NDF : 547034.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_mean vs Slug



Right In: -99.705 ± 1601.804 χ^2/NDF : 11.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 156.809 ± 1444.482 χ^2/NDF : 13.4/13

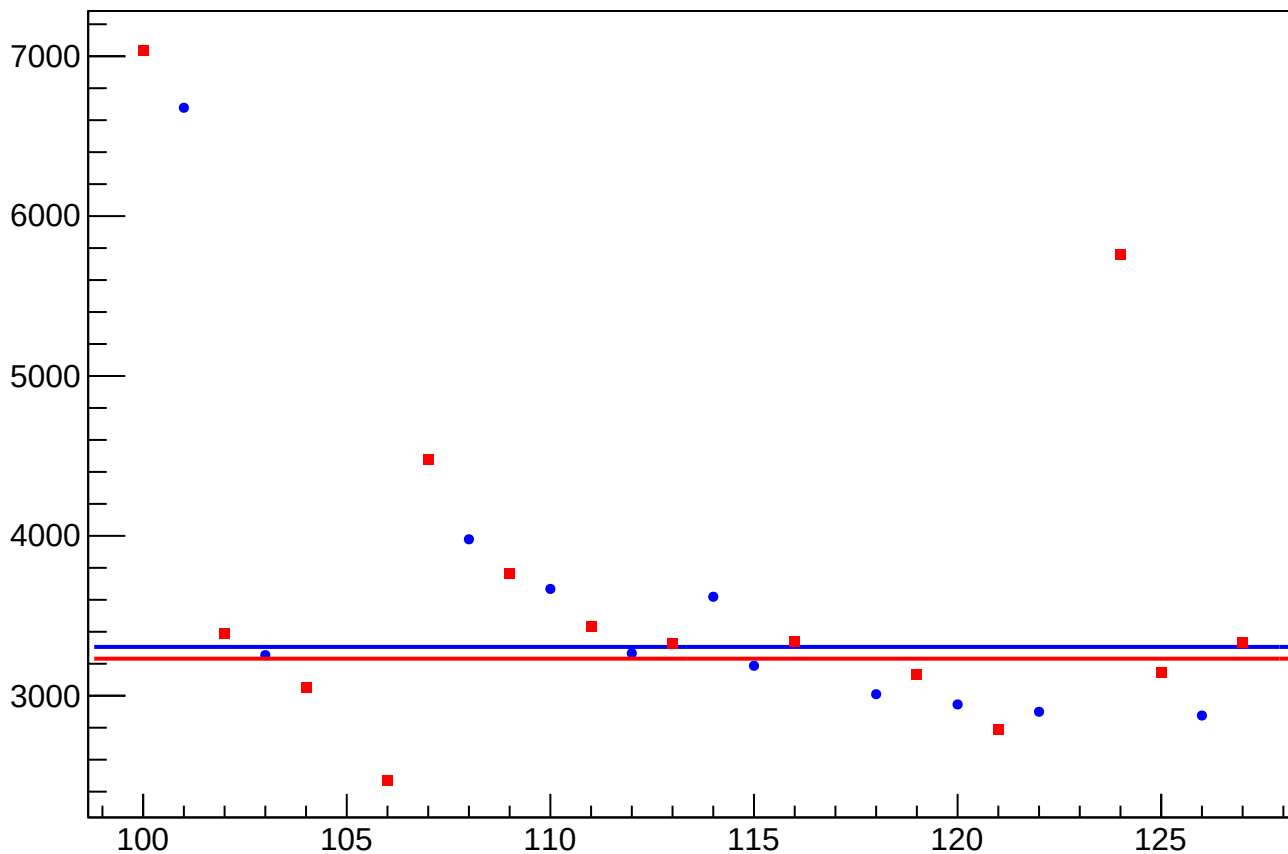
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 41.764 ± 1072.723 χ^2/NDF : 24.7/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_rms vs Slug



Right In: 3305.289+/-1.133 χ^2/NDF : 421951.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3231.777+/-1.003 χ^2/NDF : 247102.7/13

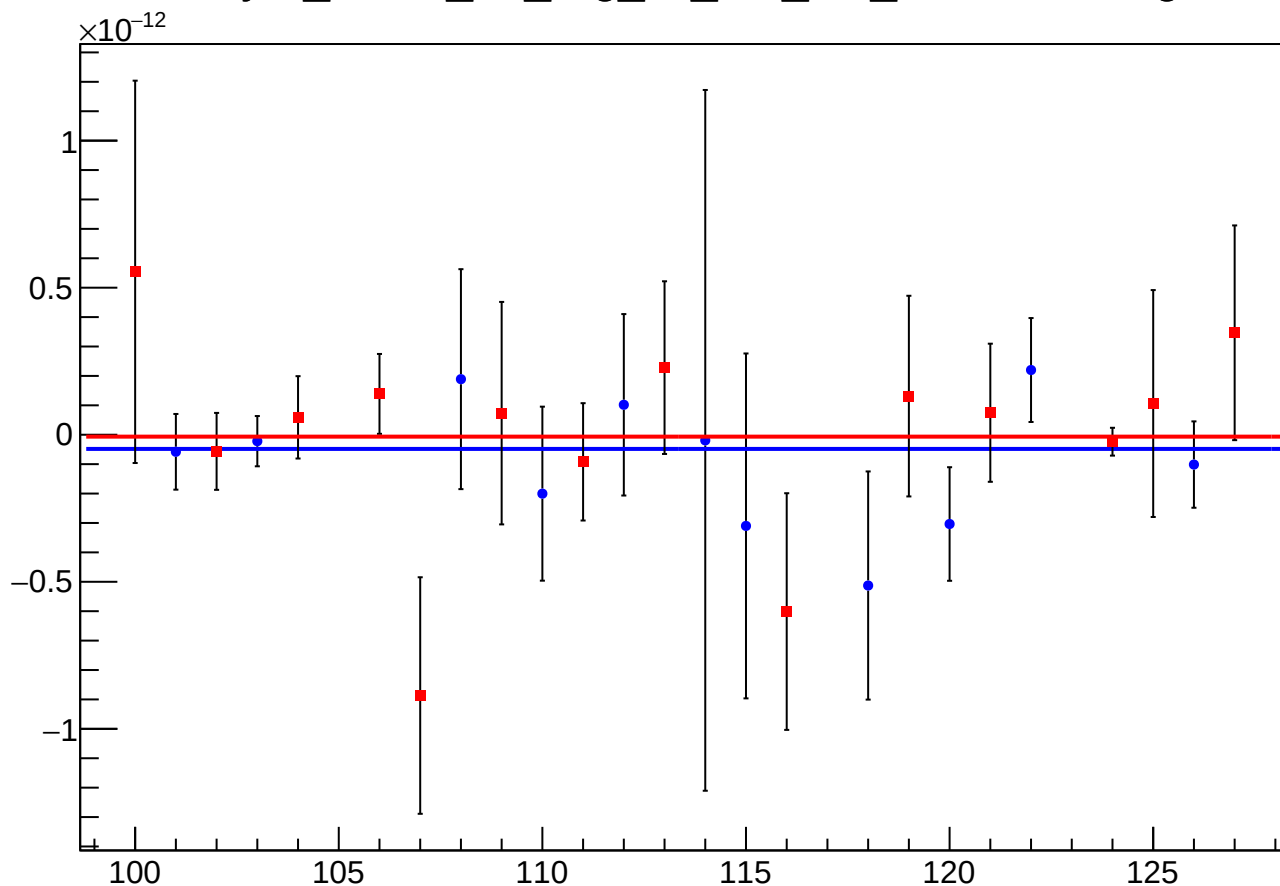
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3264.096+/-0.751 χ^2/NDF : 671414.8/24

- 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+/-0.000 χ^2/NDF : 6.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.5/13

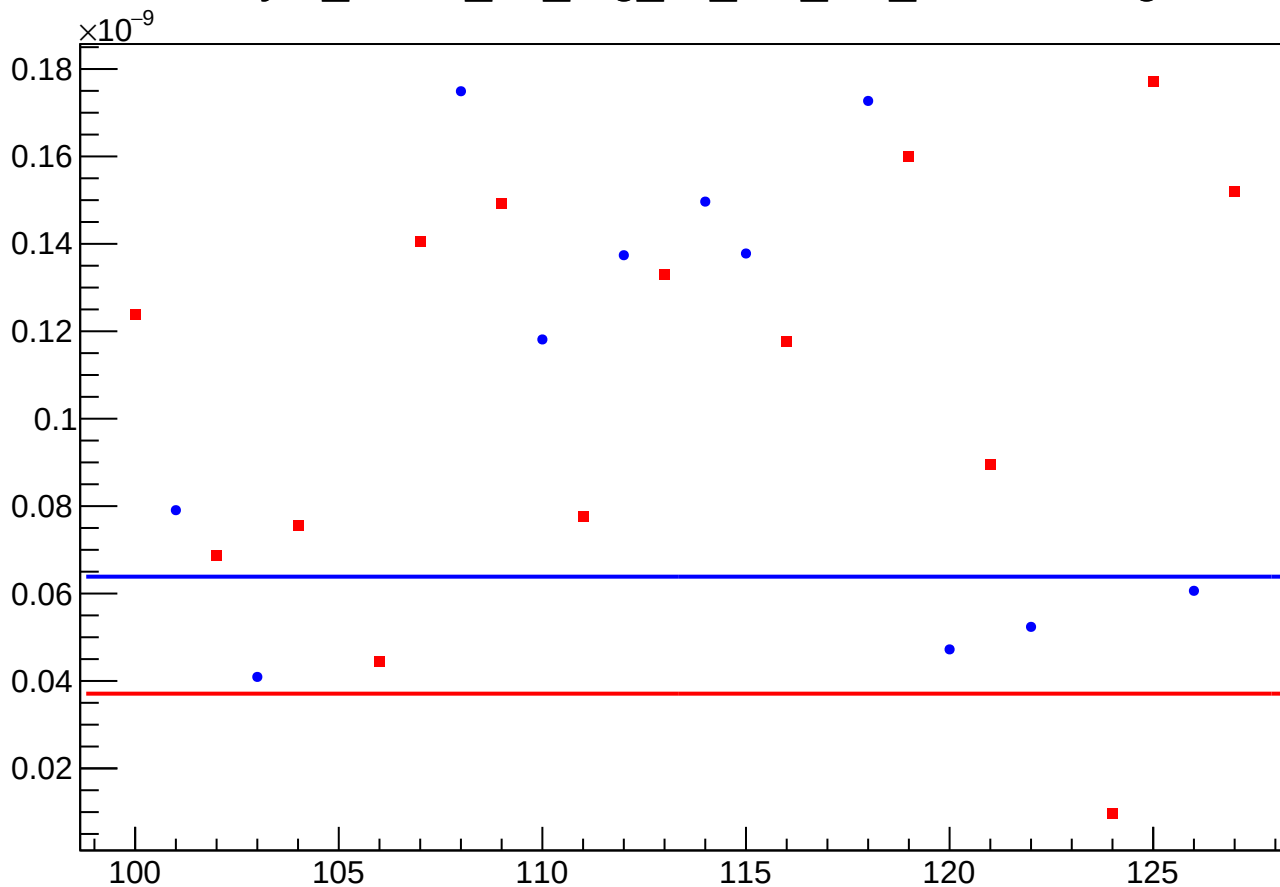
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.8/24

- sign 0.000+/-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 : 753248.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2486265.8/13

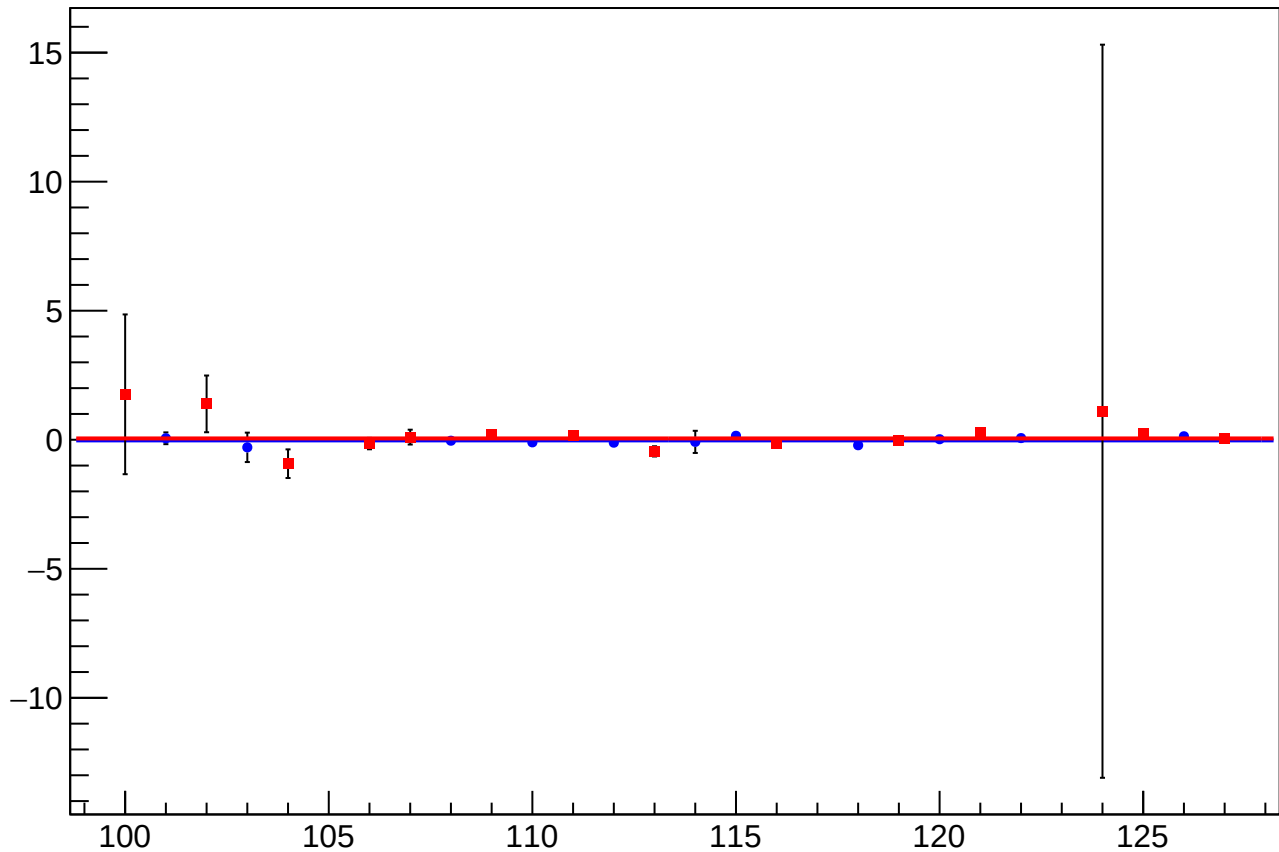
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3570201.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.024+/-0.055 χ^2/NDF : 5.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.051+/-0.051 χ^2/NDF : 19.0/13

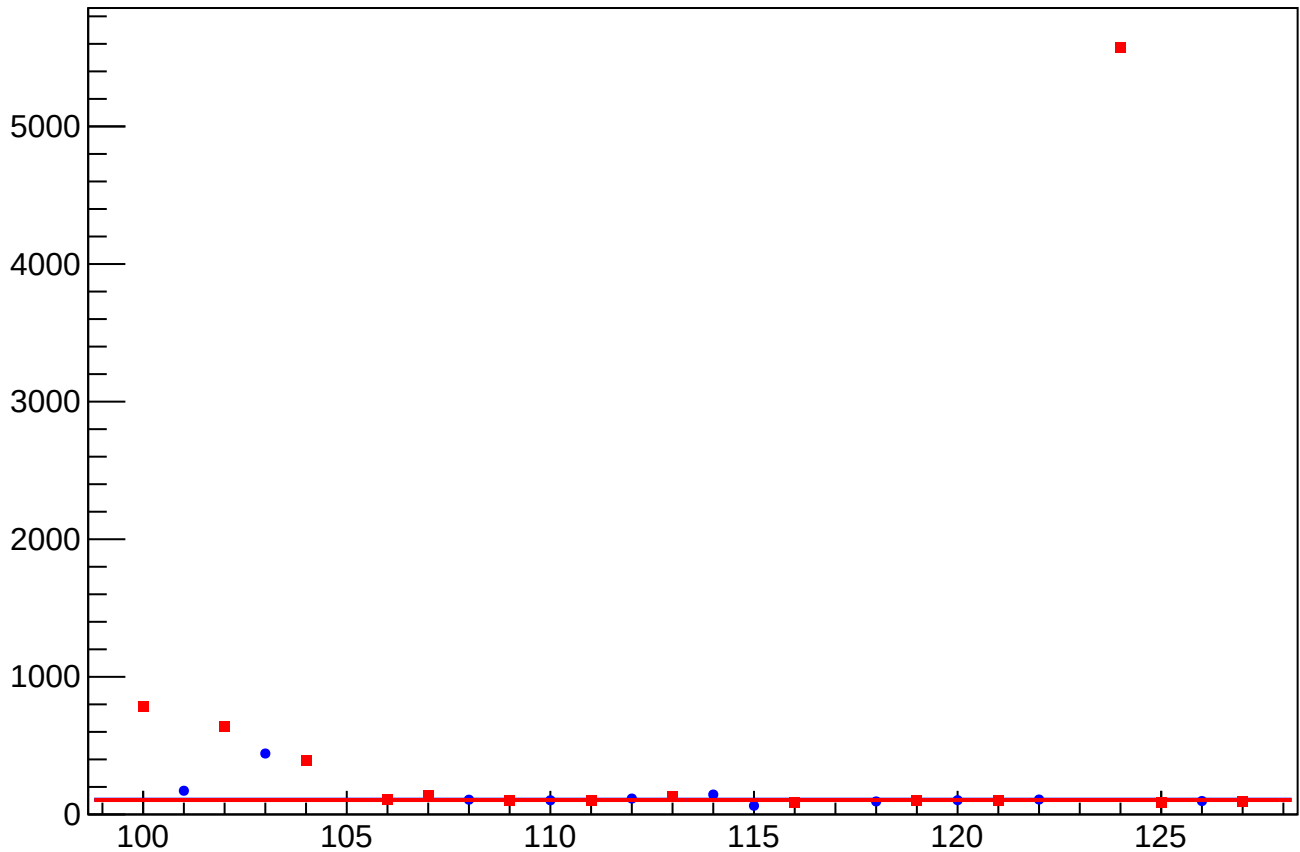
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.038 χ^2/NDF : 25.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 107.220+/-0.039 χ^2/NDF : 1031094.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.856+/-0.036 χ^2/NDF : 1551831.1/13

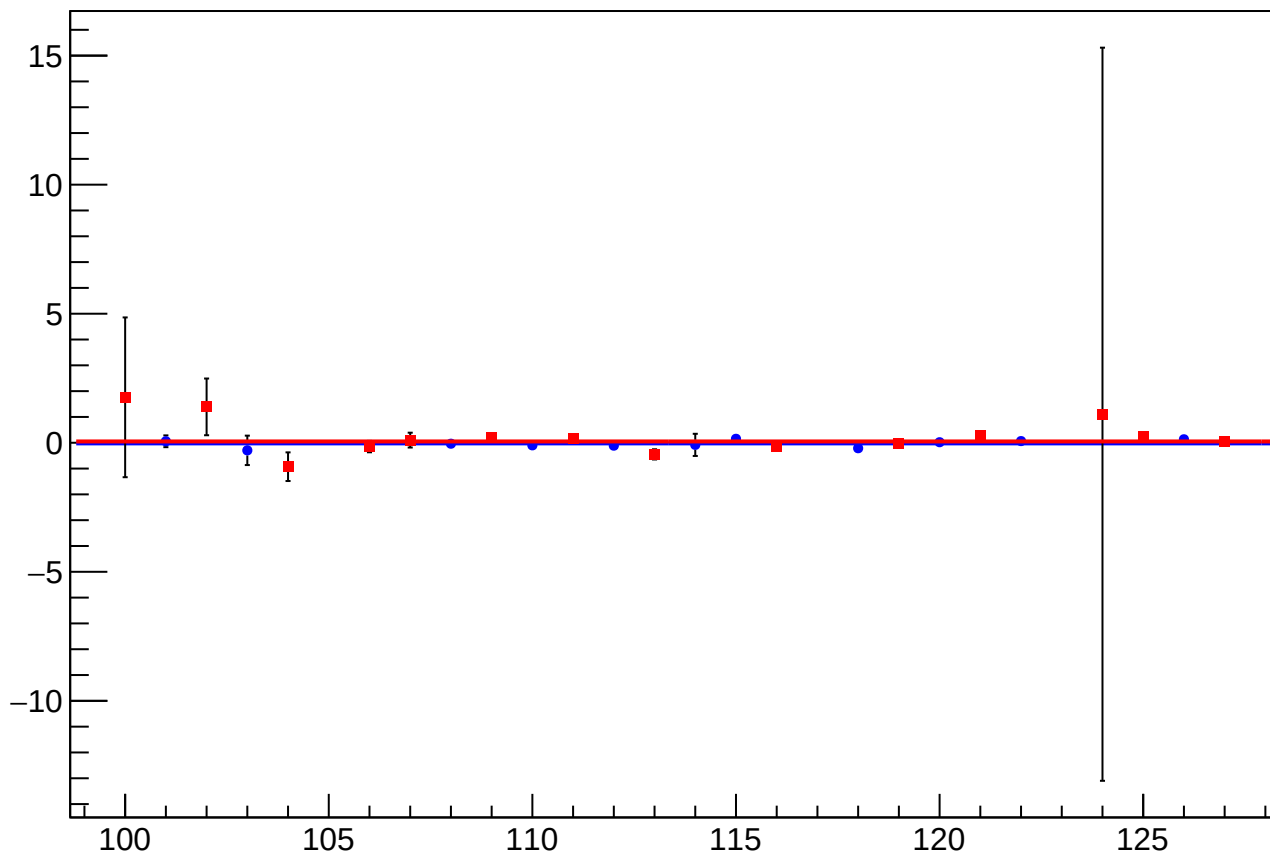
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.950+/-0.027 χ^2/NDF : 2584890.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.024+/-0.055 χ^2/NDF : 5.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.051+/-0.051 χ^2/NDF : 19.0/13

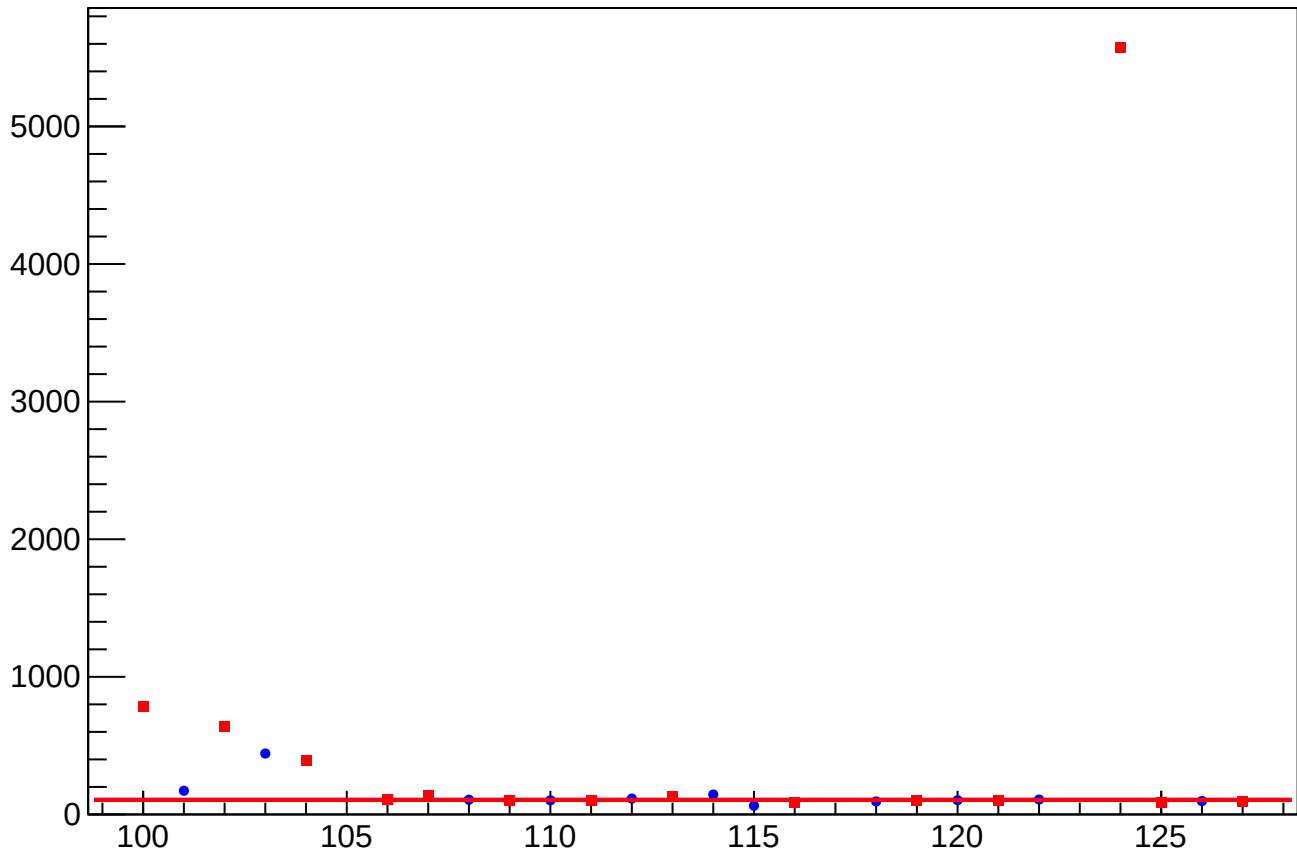
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.038 χ^2/NDF : 25.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 107.220+/-0.039 χ^2/NDF : 1031094.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.856+/-0.036 χ^2/NDF : 1551831.1/13

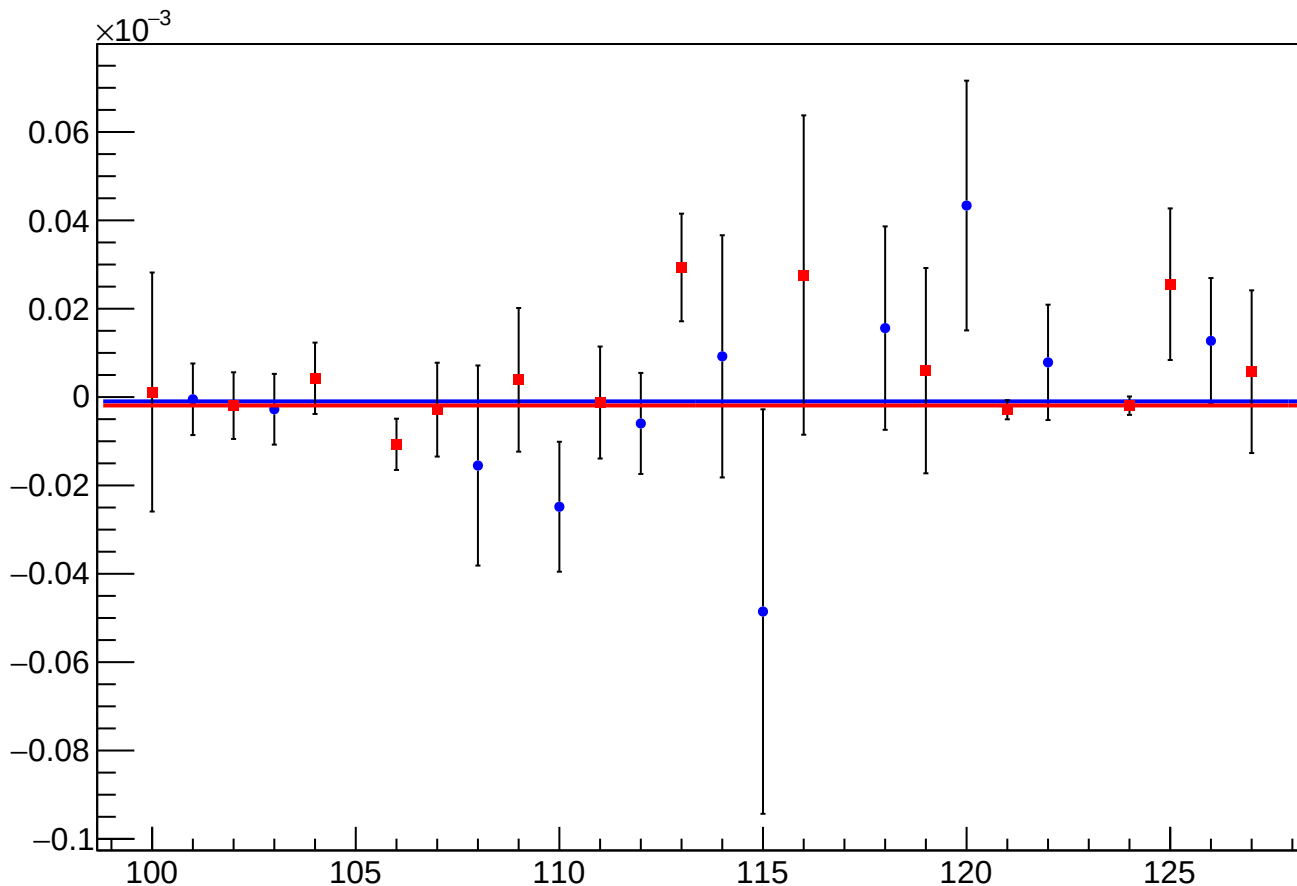
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.950+/-0.027 χ^2/NDF : 2584890.9/24

- 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 : 8.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.3/13

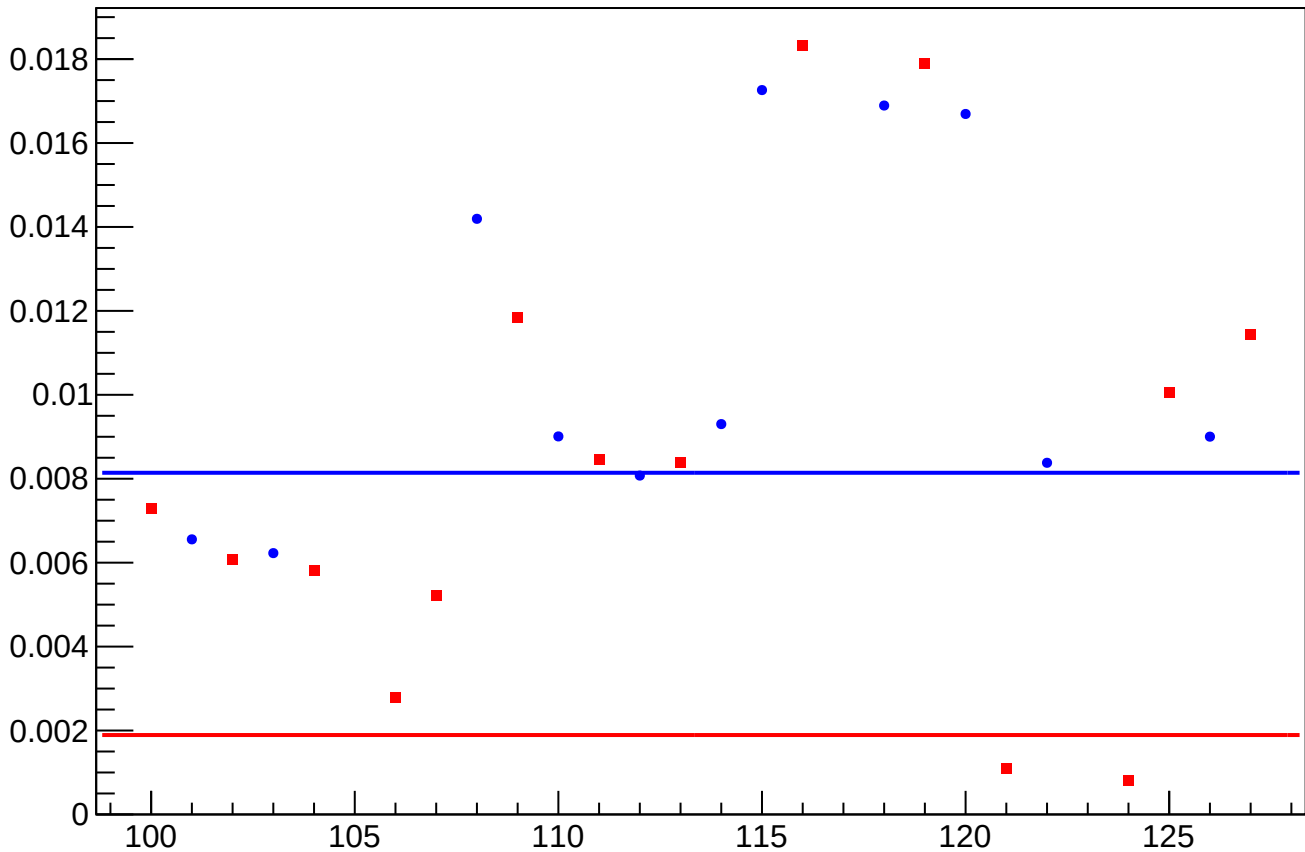
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.2/24

- 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 : 903961.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 6414166.1/13

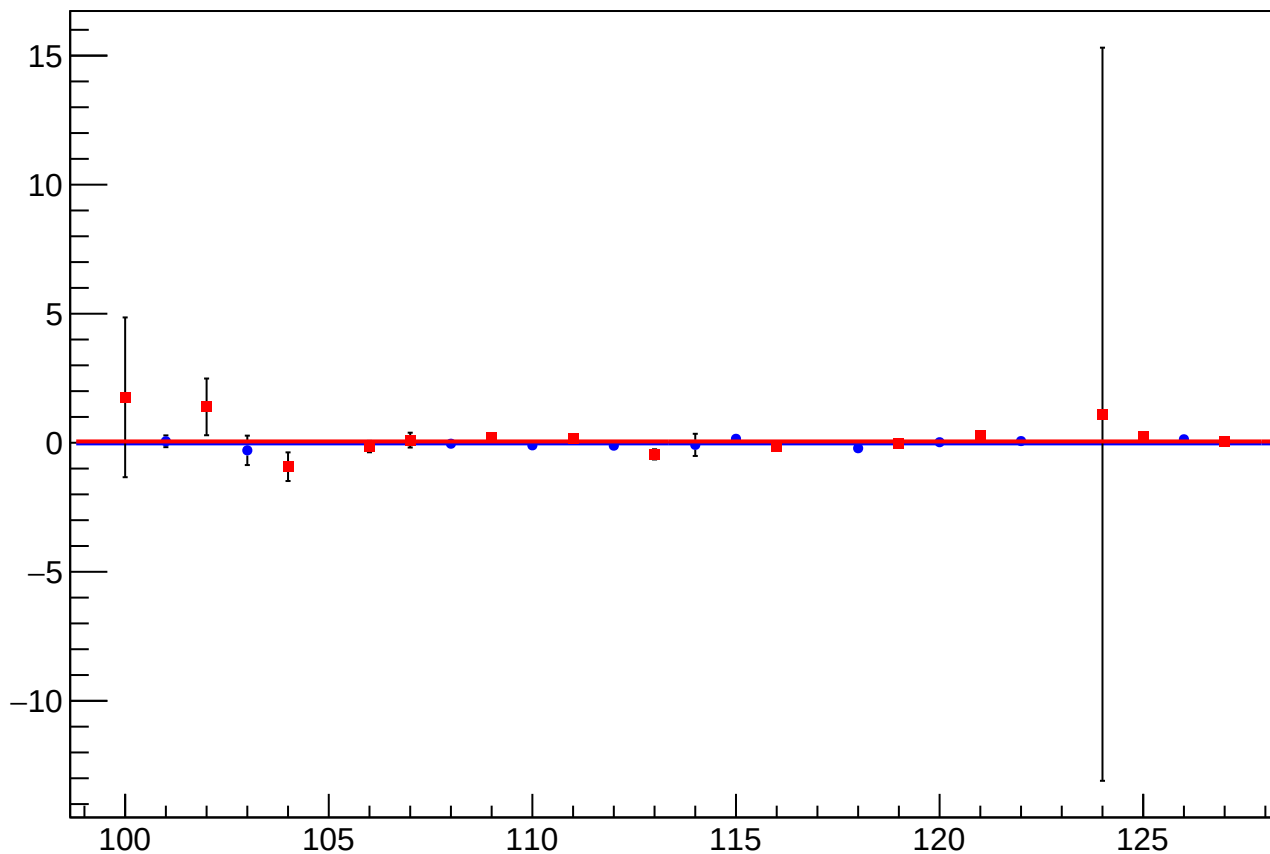
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 11590763.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.024 ± 0.055 χ^2/NDF : 5.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.051 ± 0.051 χ^2/NDF : 19.0/13

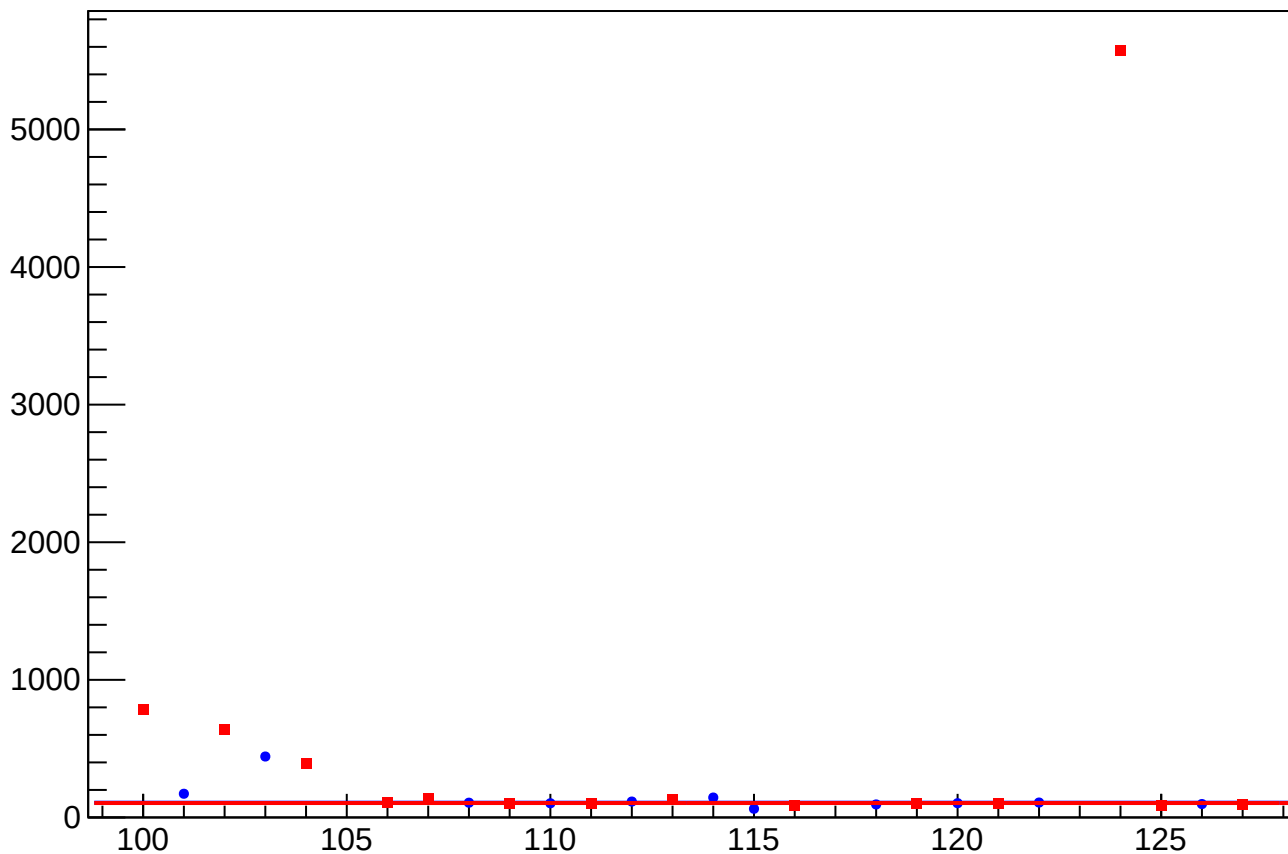
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.016 ± 0.038 χ^2/NDF : 25.4/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 107.220+/-0.039 χ^2/NDF : 1031075.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.858+/-0.036 χ^2/NDF : 1551787.5/13

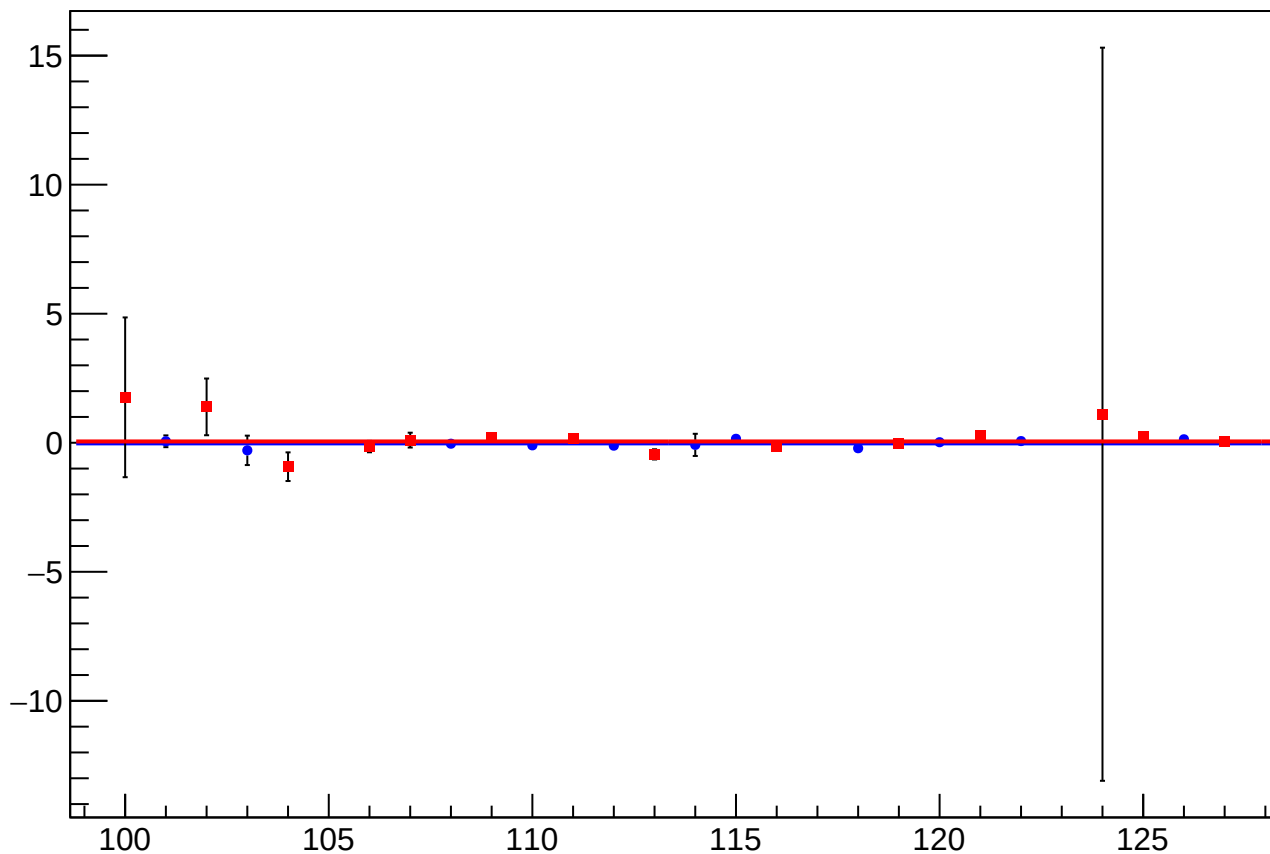
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.952+/-0.027 χ^2/NDF : 2584825.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.024+/-0.055 χ^2/NDF : 5.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.051+/-0.051 χ^2/NDF : 19.0/13

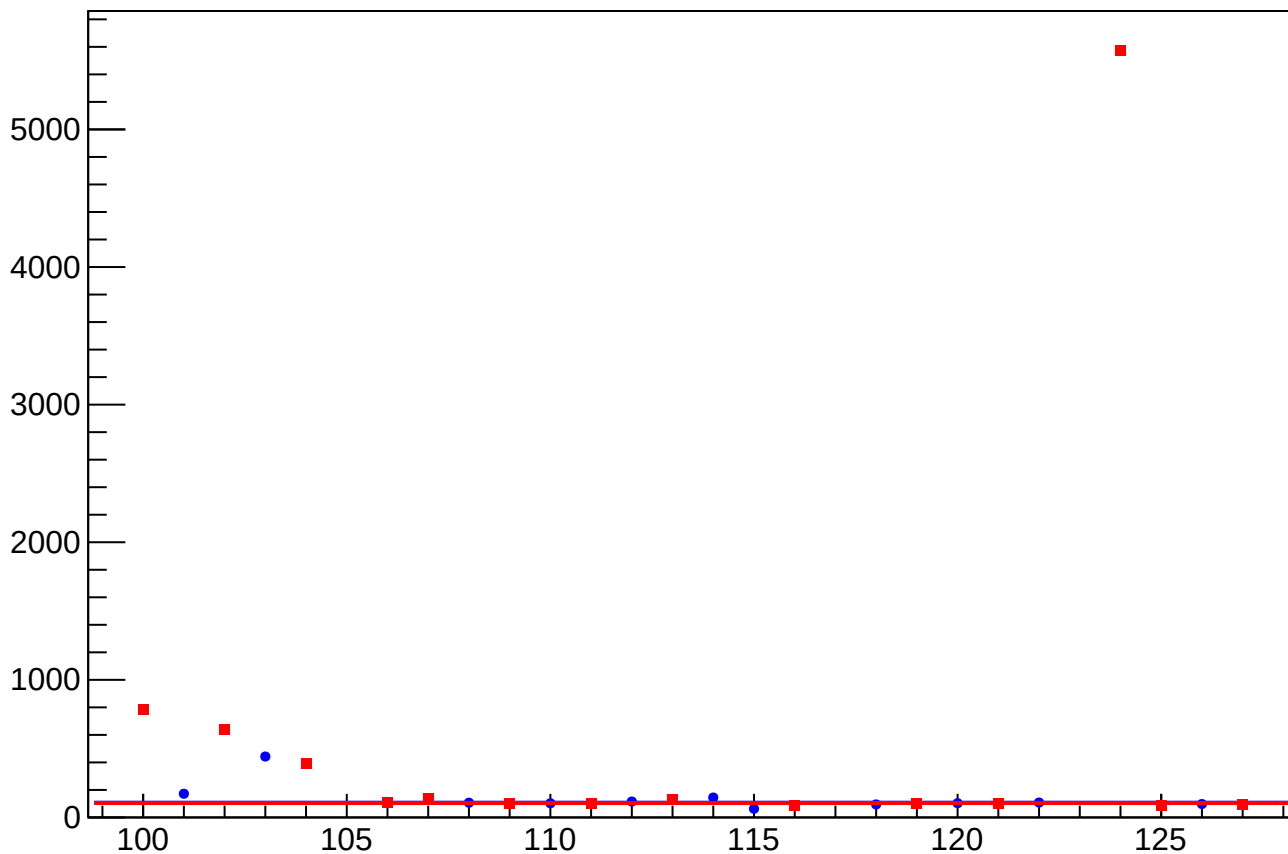
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.038 χ^2/NDF : 25.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 107.220+/-0.039 χ^2/NDF : 1031075.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.858+/-0.036 χ^2/NDF : 1551787.5/13

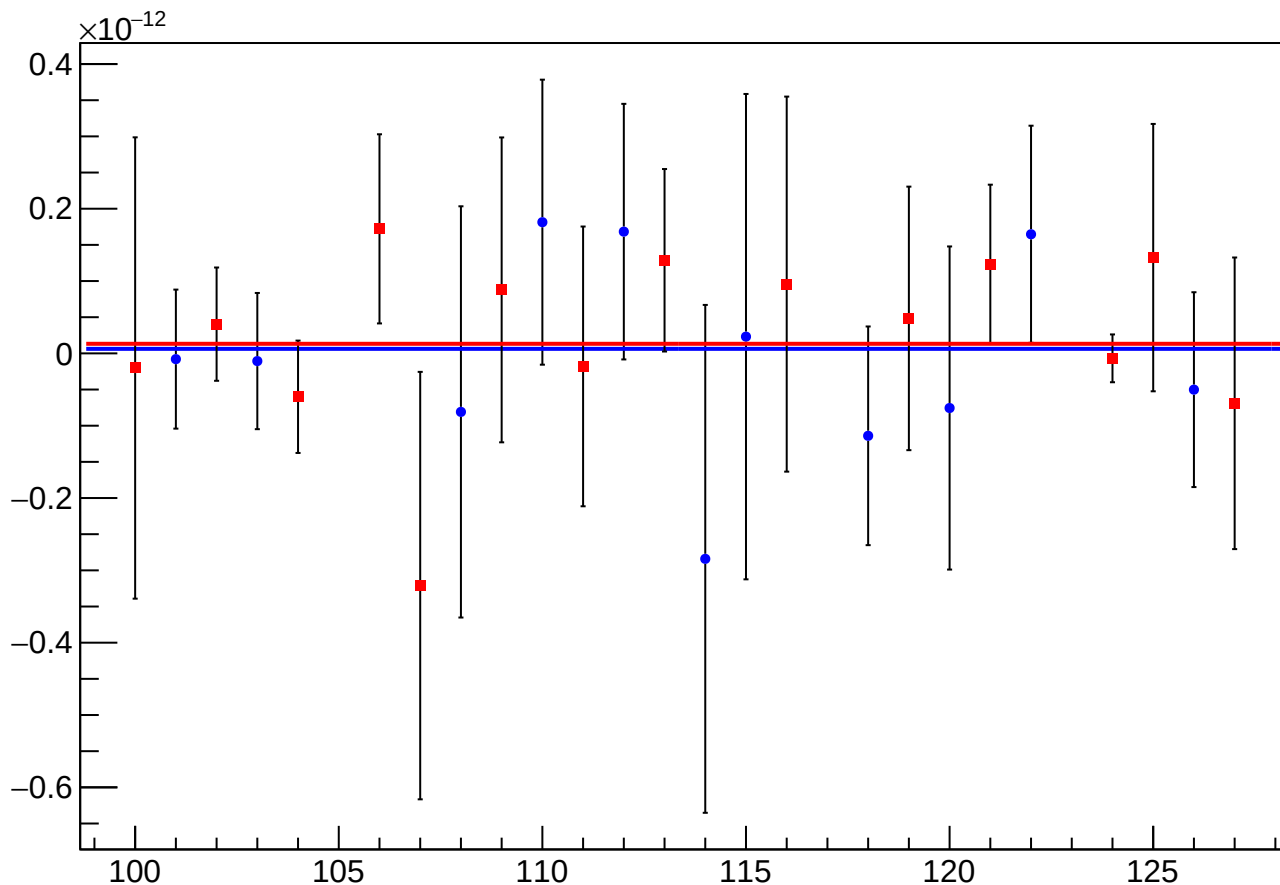
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.952+/-0.027 χ^2/NDF : 2584825.9/24

- 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 $\pm$ 0.000 χ^2 /NDF: 4.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.9/13

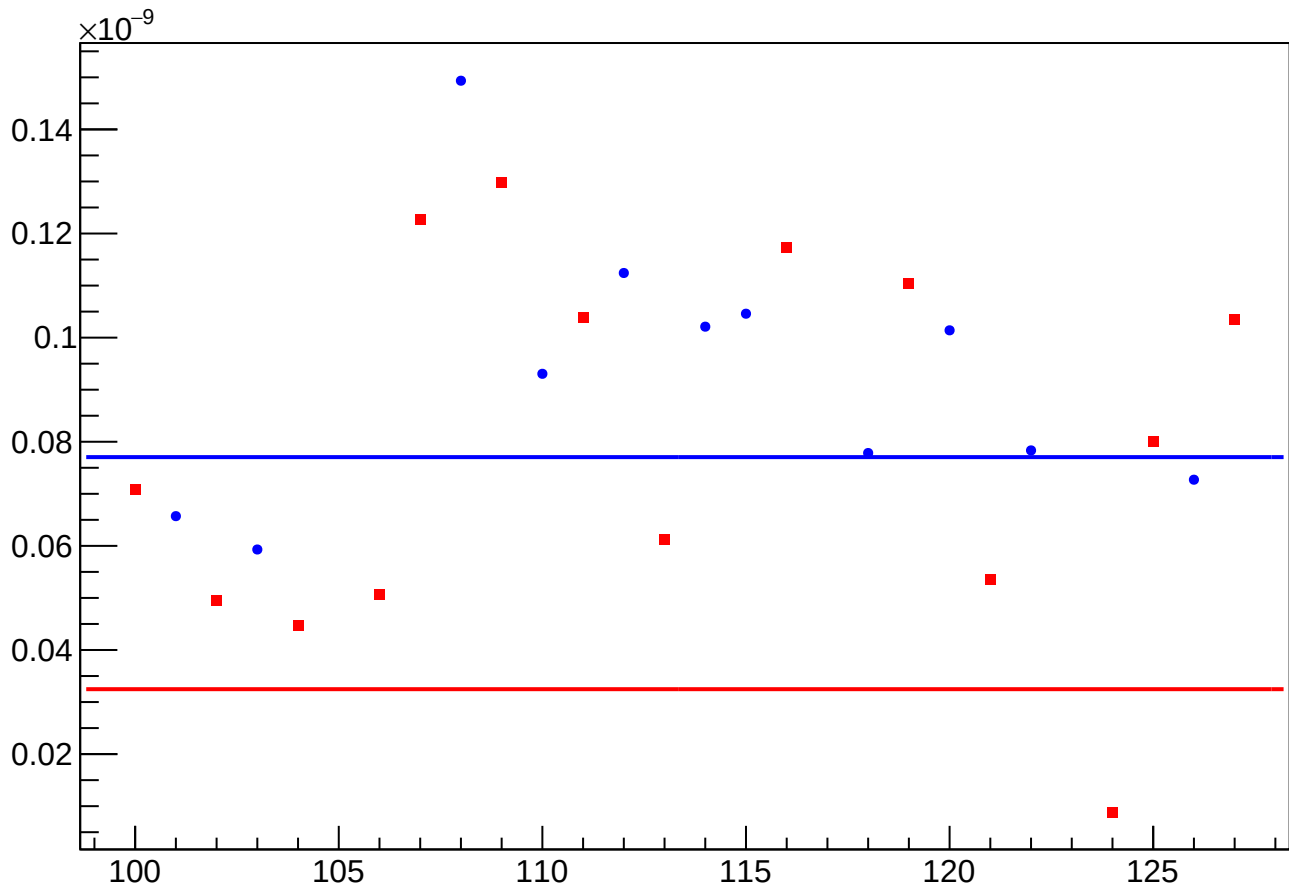
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.4/24

- sign 0.000 $\pm$ 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 : 371316.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3268968.1/13

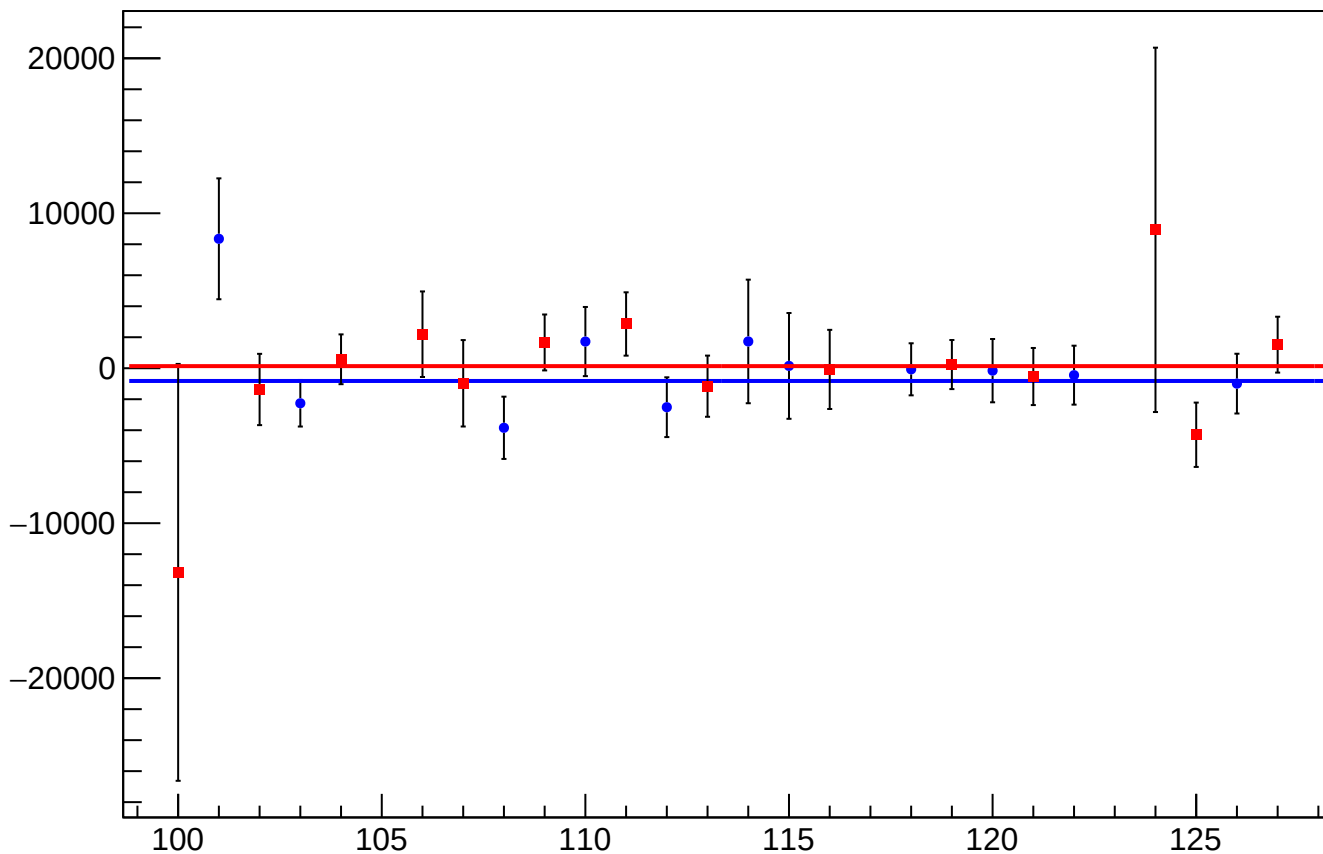
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5091339.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -822.181+/-630.549 χ^2/NDF : 11.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.708+/-573.668 χ^2/NDF : 11.0/13

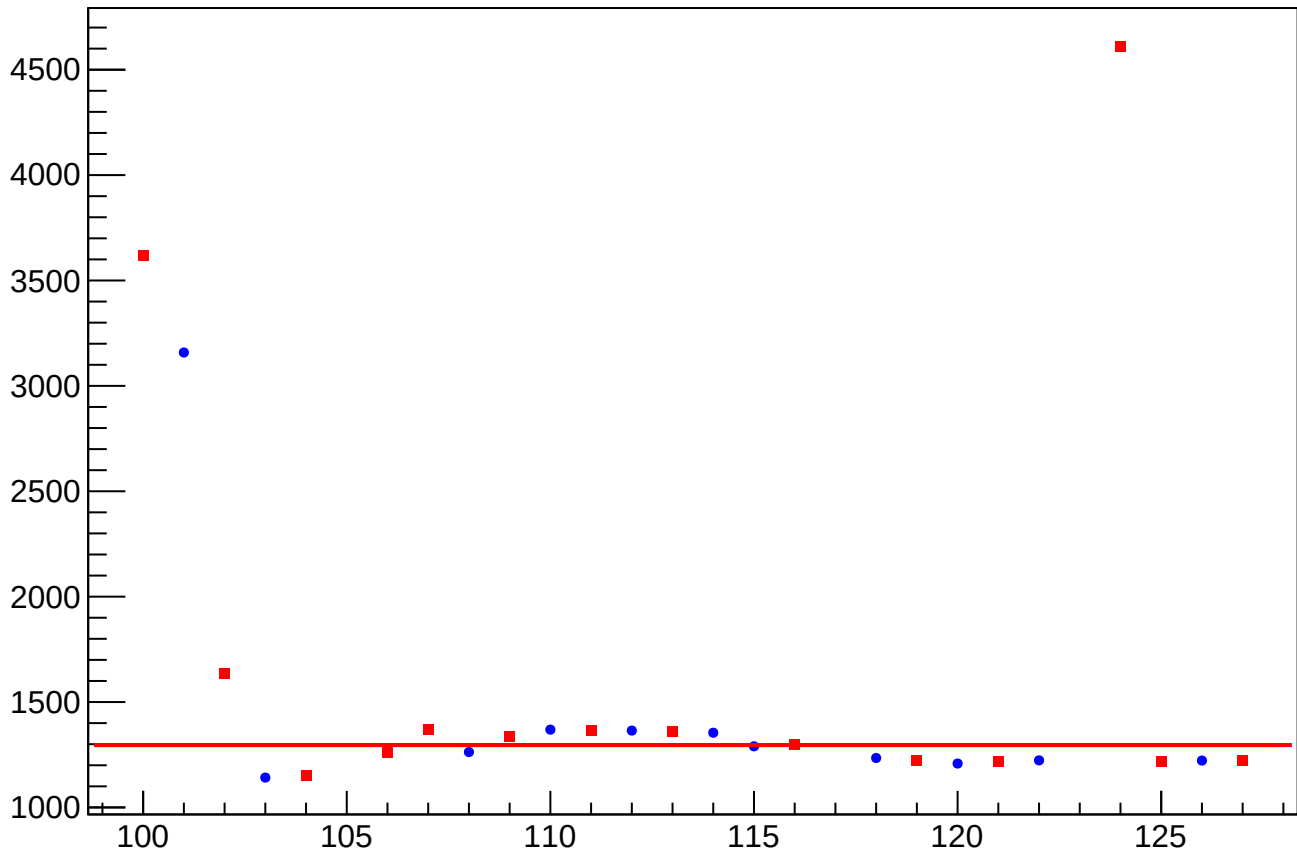
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -298.091+/-424.332 χ^2/NDF : 23.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1295.743+/-0.446 χ^2/NDF : 495036.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1296.192+/-0.404 χ^2/NDF : 299672.5/13

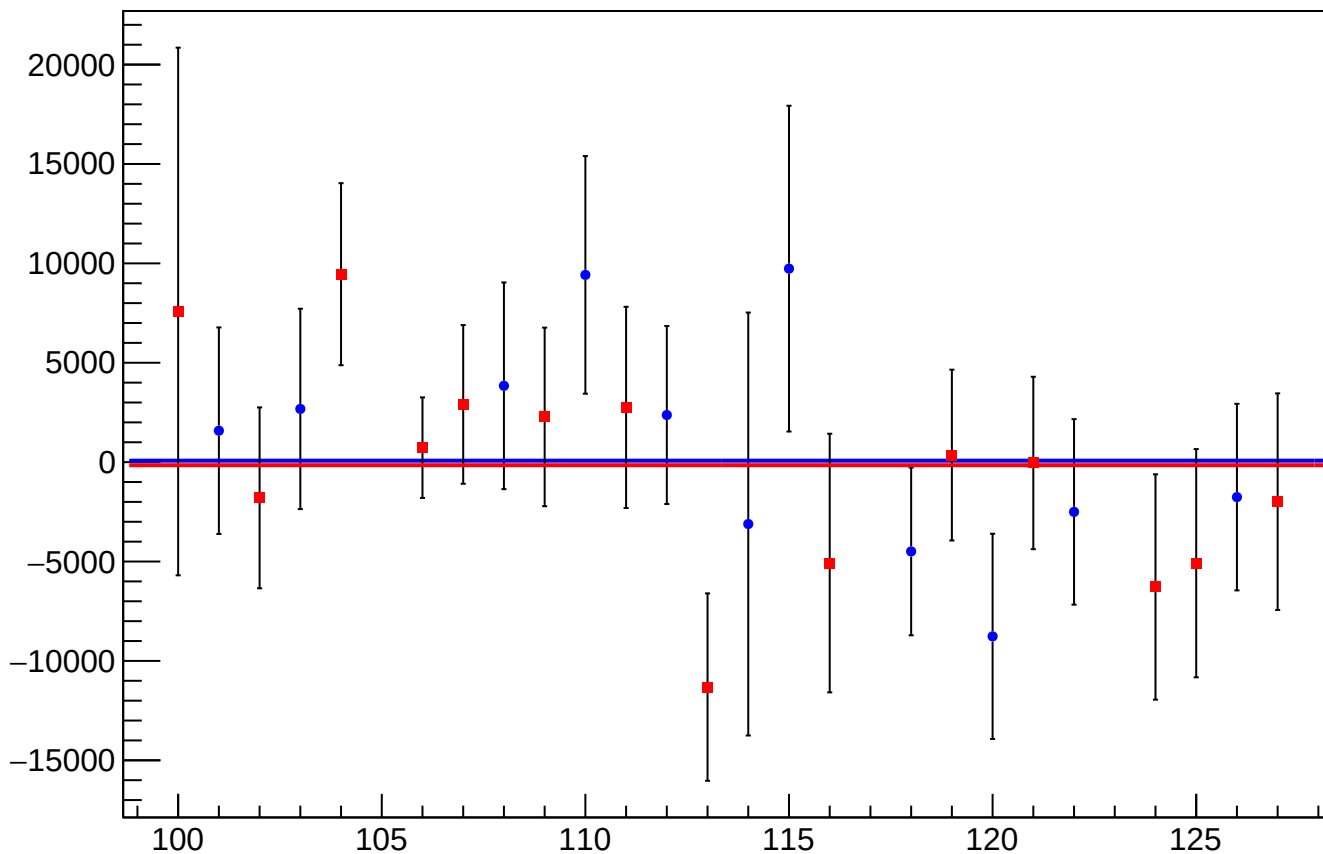
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1295.989+/-0.299 χ^2/NDF : 794709.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_reg_correction_mean vs Slug



Right In: 73.974+/-1581.072 χ^2/NDF : 9.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -154.904+/-1212.196 χ^2/NDF : 14.4/13

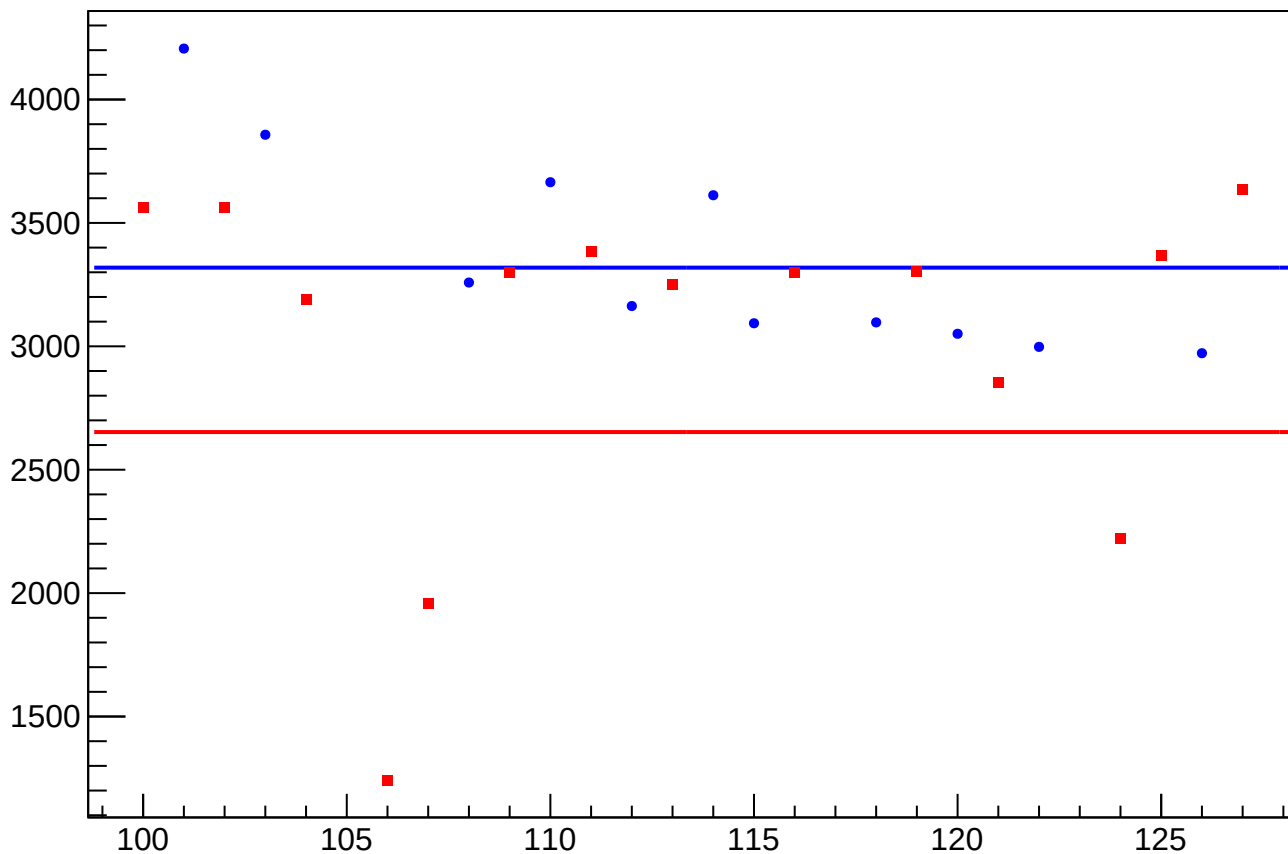
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -70.172+/-961.994 χ^2/NDF : 24.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_reg_correction_rms vs Slug



Right In: 3318.819+/-1.118 χ^2/NDF : 124926.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

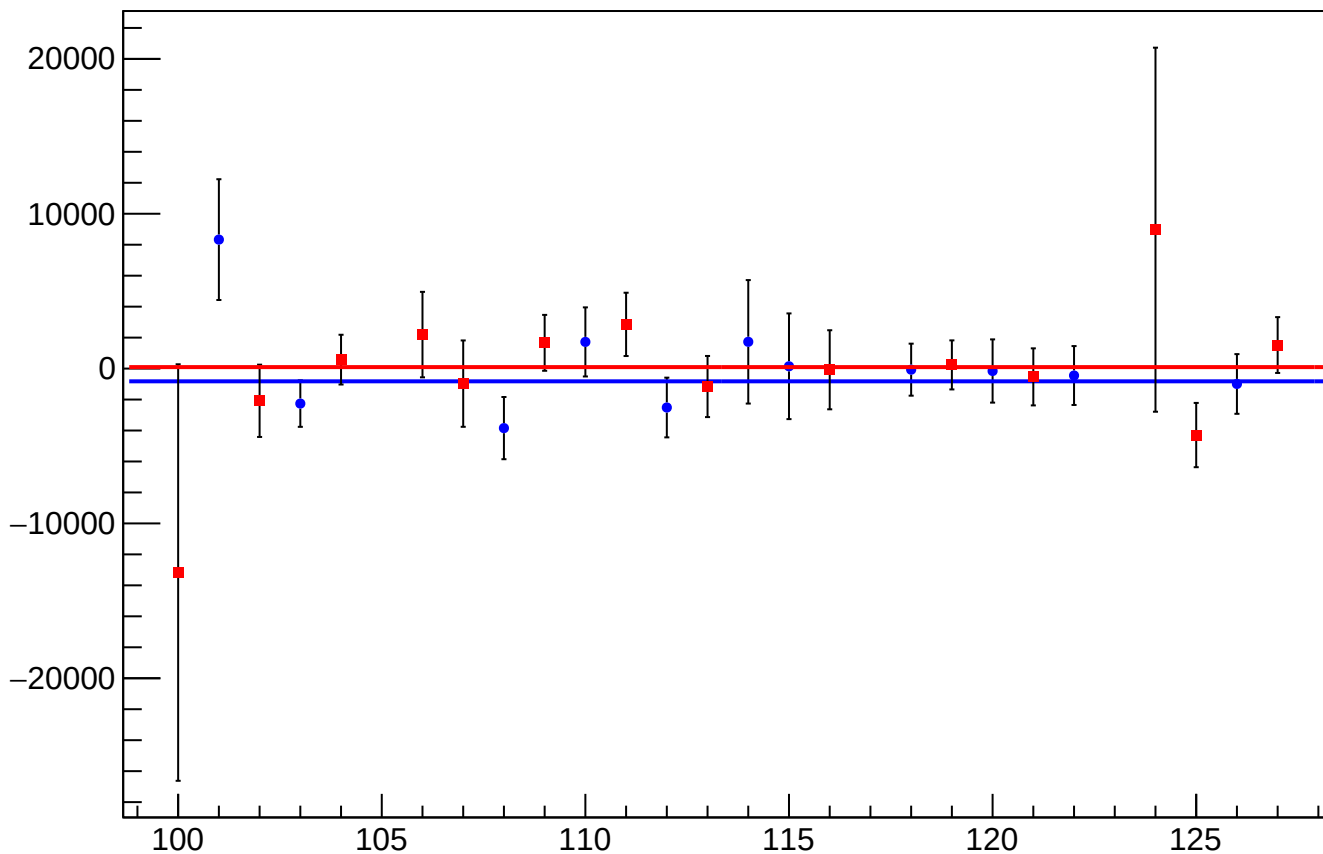
Right Out: 2652.612+/-0.857 χ^2/NDF : 1092406.4/13

All: 2899.245+/-0.680 χ^2/NDF : 1440971.0/24

- 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_atl_dd_atr_dd_avg_mean vs Slug



Right In: -822.808+/-630.550 χ^2 /NDF: 11.6/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 95.703+/-574.195 χ^2 /NDF: 11.4/13

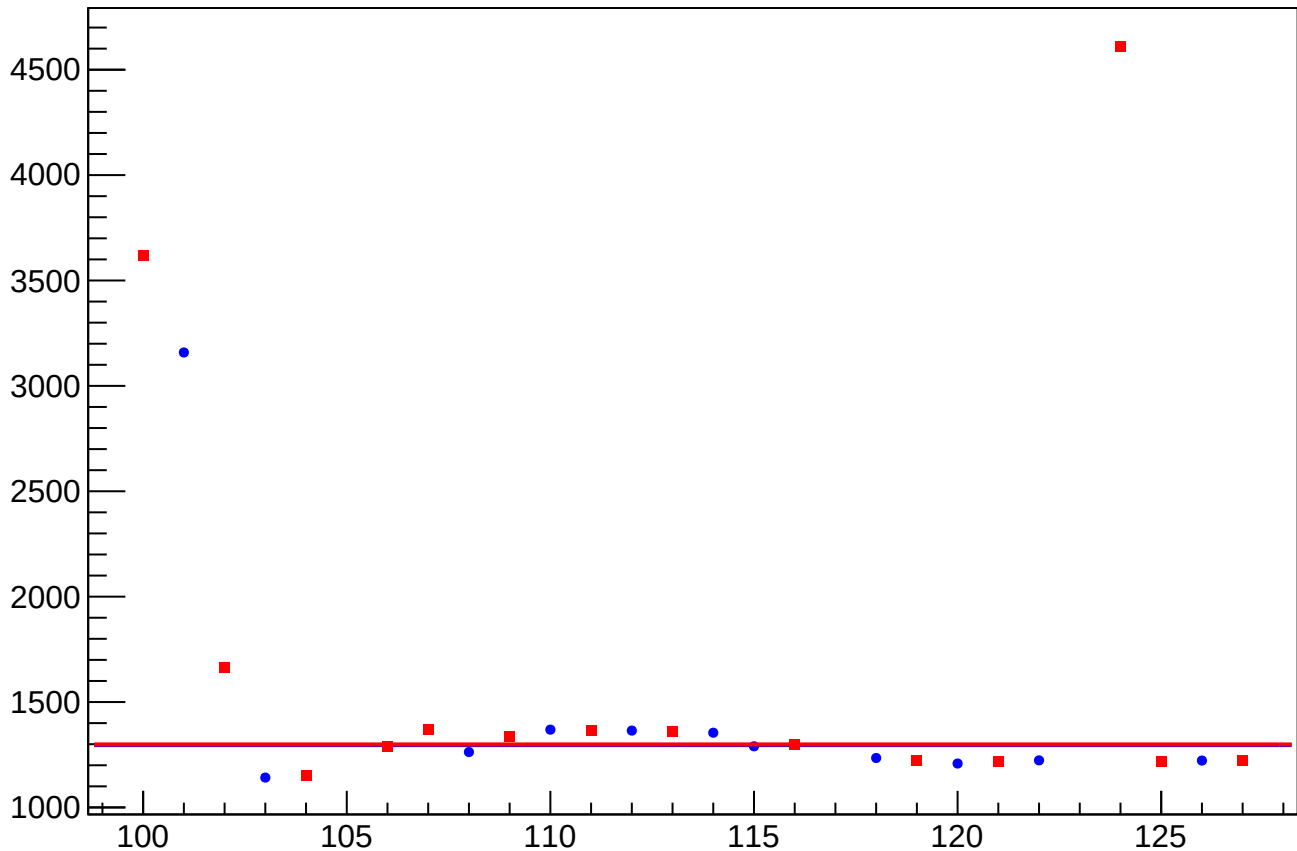
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -320.681+/-424.545 χ^2 /NDF: 24.2/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1295.743+/-0.446 χ^2/NDF : 495037.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.985+/-0.405 χ^2/NDF : 306276.5/13

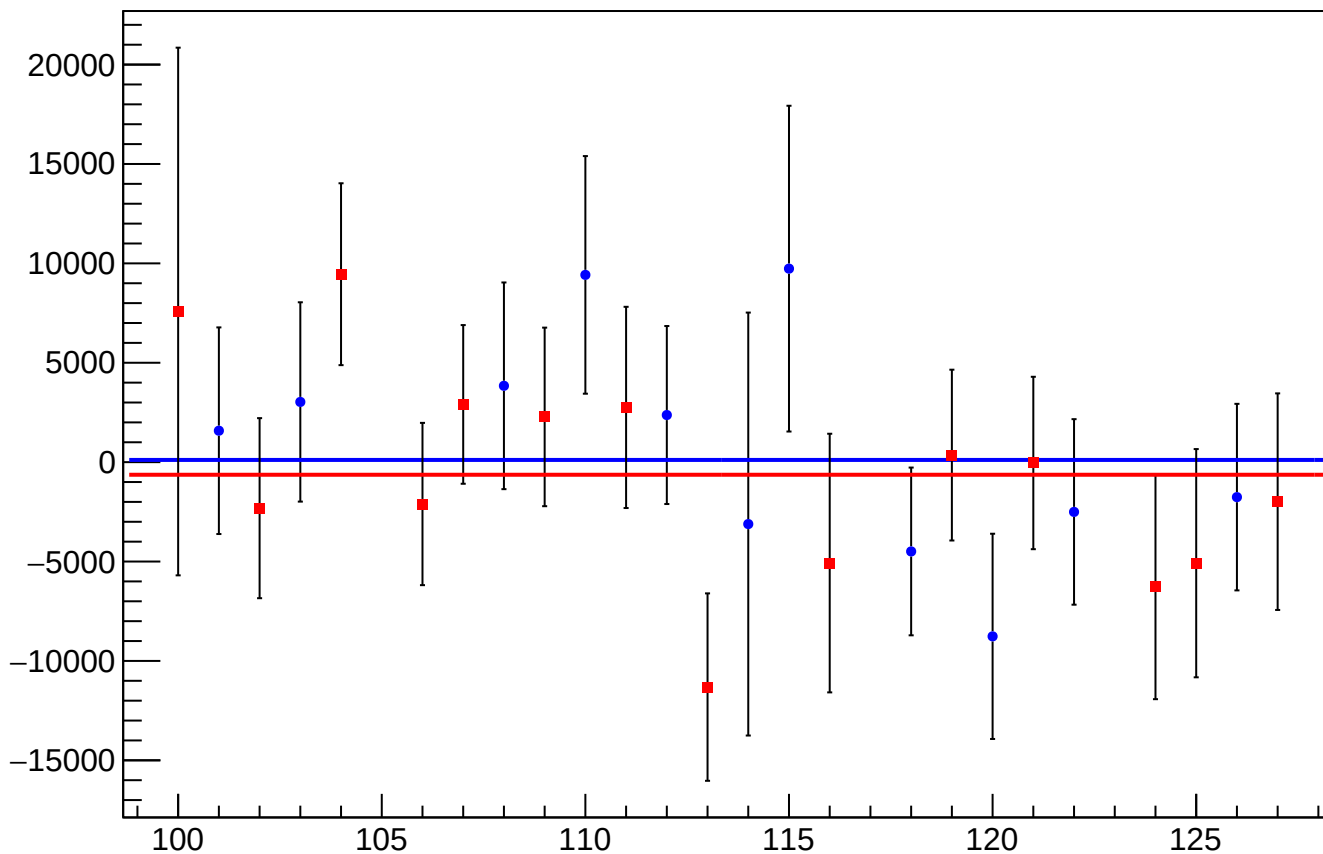
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1297.520+/-0.300 χ^2/NDF : 801343.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_cor_correction_mean vs Slug



Right In: 111.300+/-1580.299 χ^2/NDF : 9.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -634.166+/-1307.634 χ^2/NDF : 14.5/13

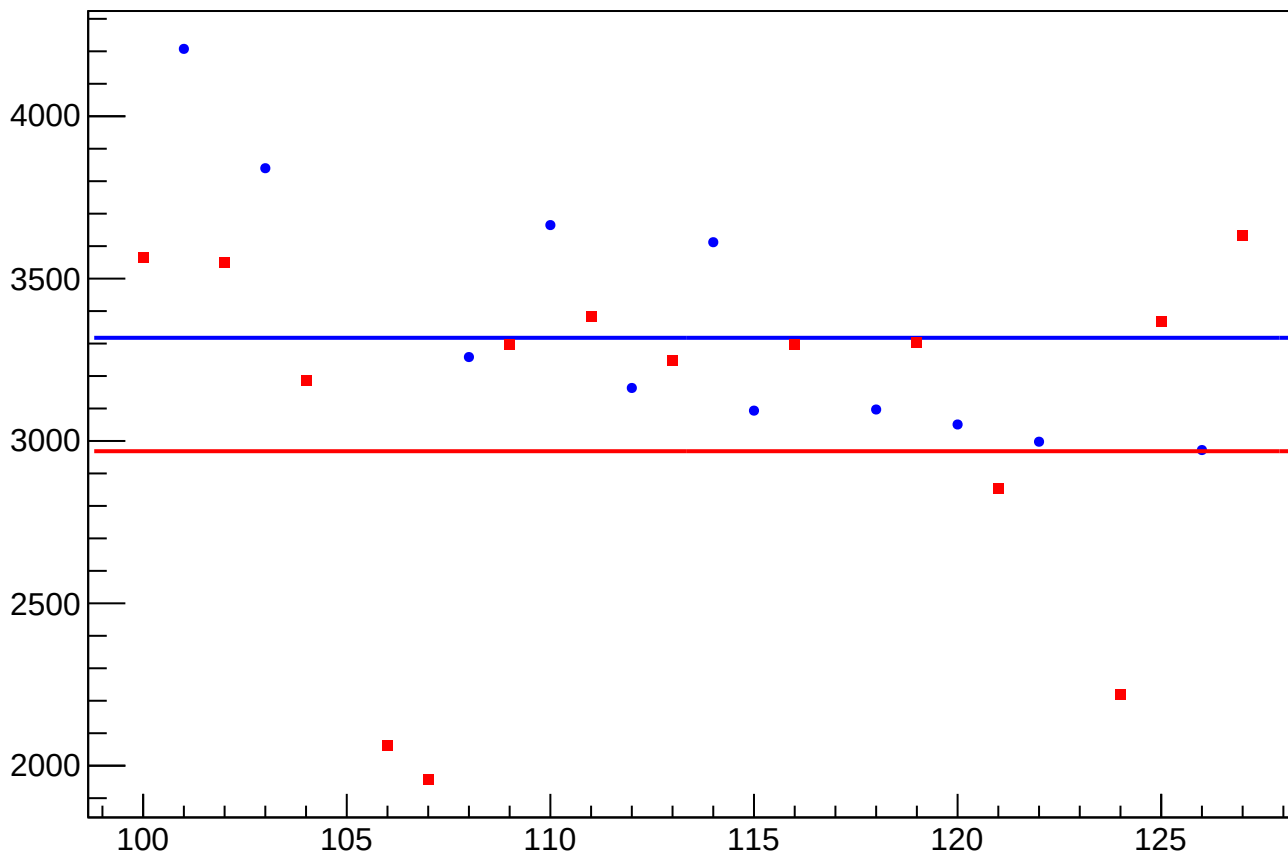
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -331.194+/-1007.456 χ^2/NDF : 24.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_cor_correction_rms vs Slug



Right In: 3317.703+/-1.117 χ^2/NDF : 123819.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

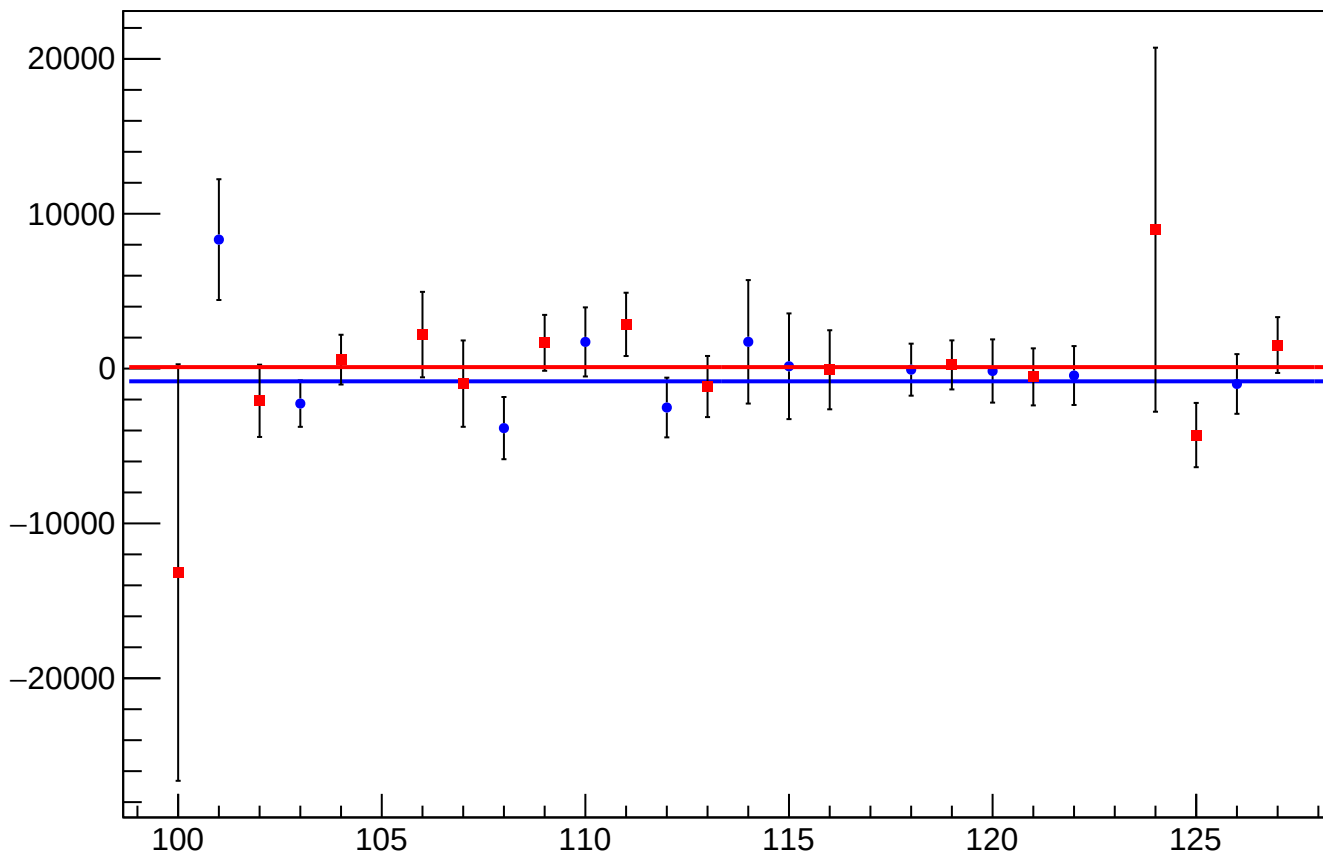
Right Out: 2968.475+/-0.925 χ^2/NDF : 393335.0/13

All: 3110.408+/-0.712 χ^2/NDF : 575131.1/24

- 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_dd_atr_dd_avg_mean vs Slug



Right In: -822.808+/-630.550 χ^2/NDF : 11.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.703+/-574.195 χ^2/NDF : 11.4/13

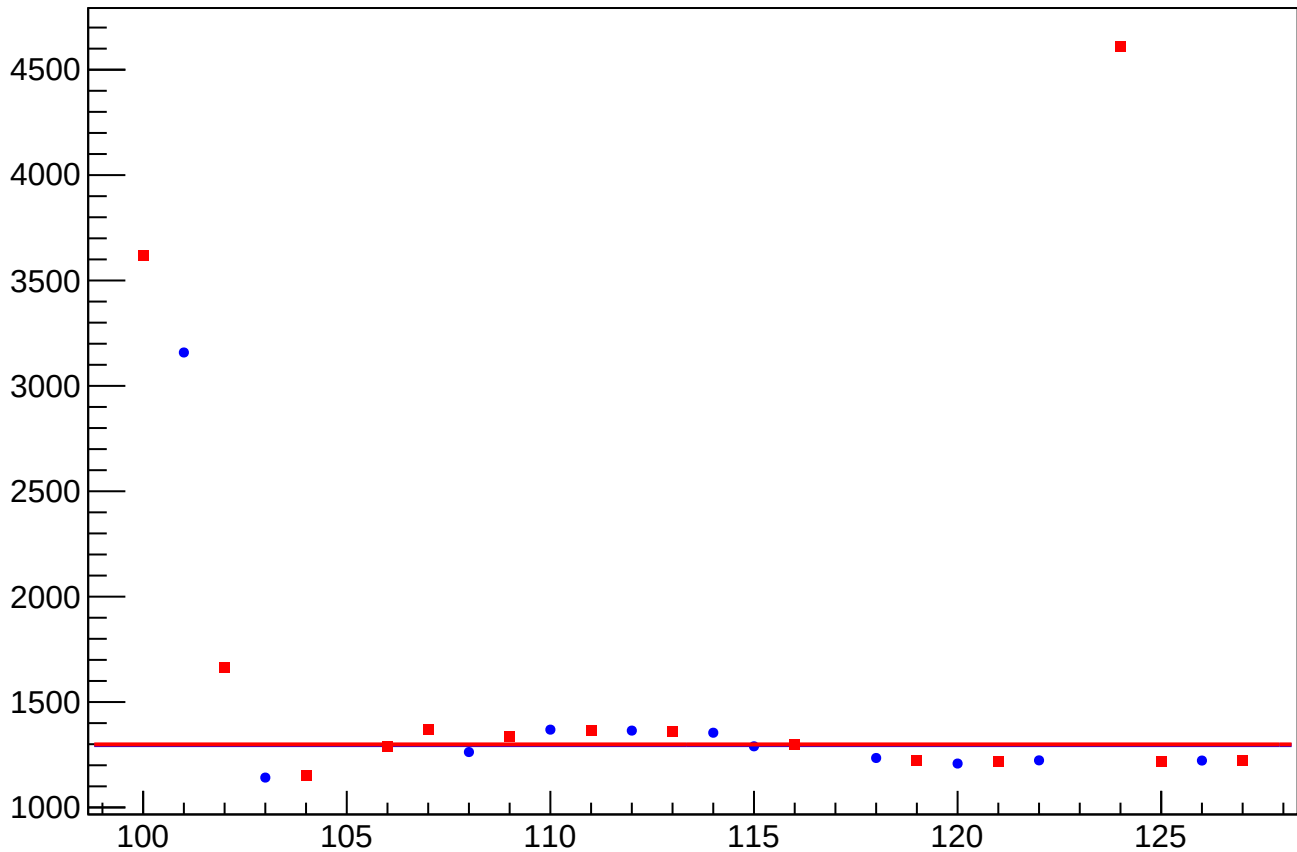
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -320.681+/-424.545 χ^2/NDF : 24.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1295.743+/-0.446 χ^2/NDF : 495037.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

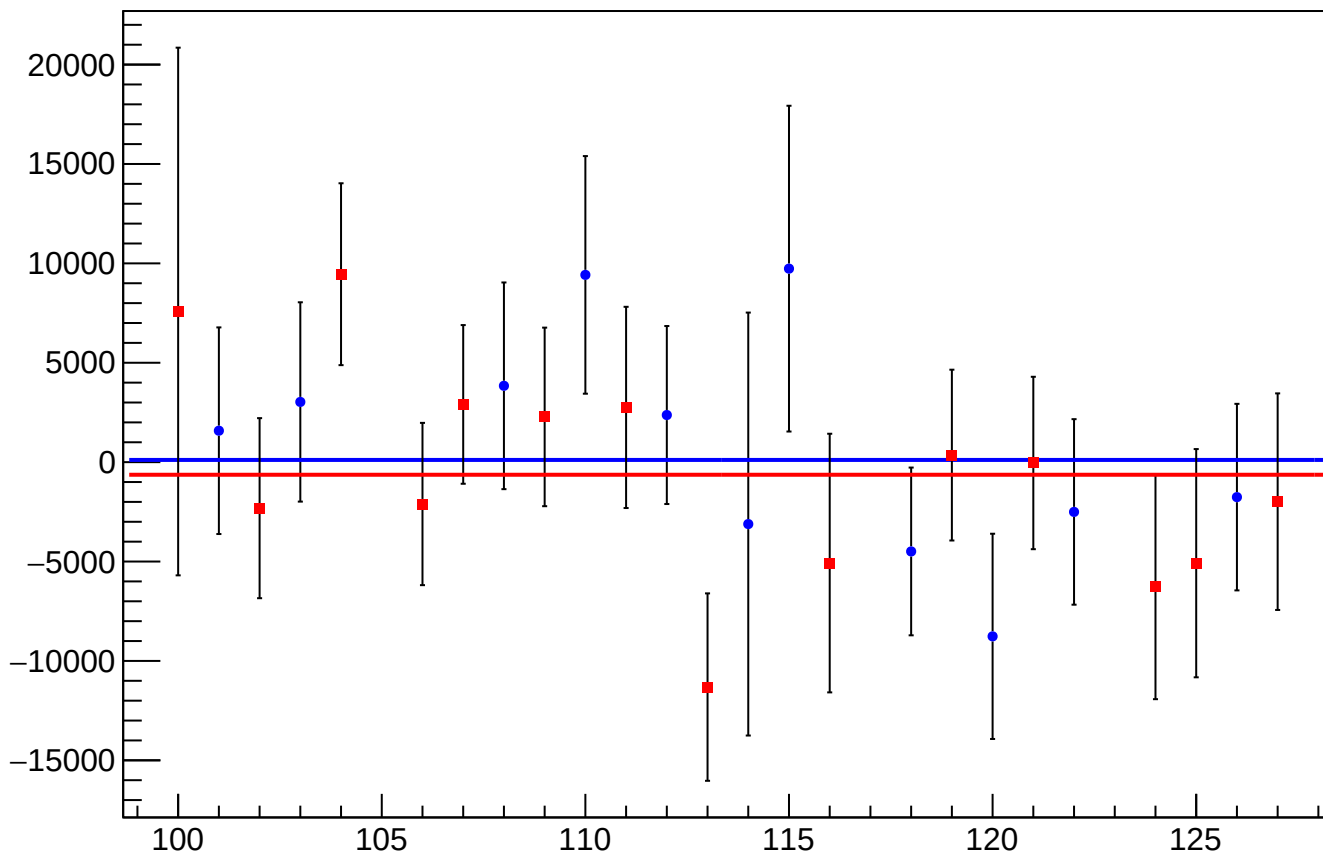
Right Out: 1298.985+/-0.405 χ^2/NDF : 306276.5/13

All: 1297.520+/-0.300 χ^2/NDF : 801343.2/24

- 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: 111.300+/-1580.299 χ^2/NDF : 9.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -634.166+/-1307.634 χ^2/NDF : 14.5/13

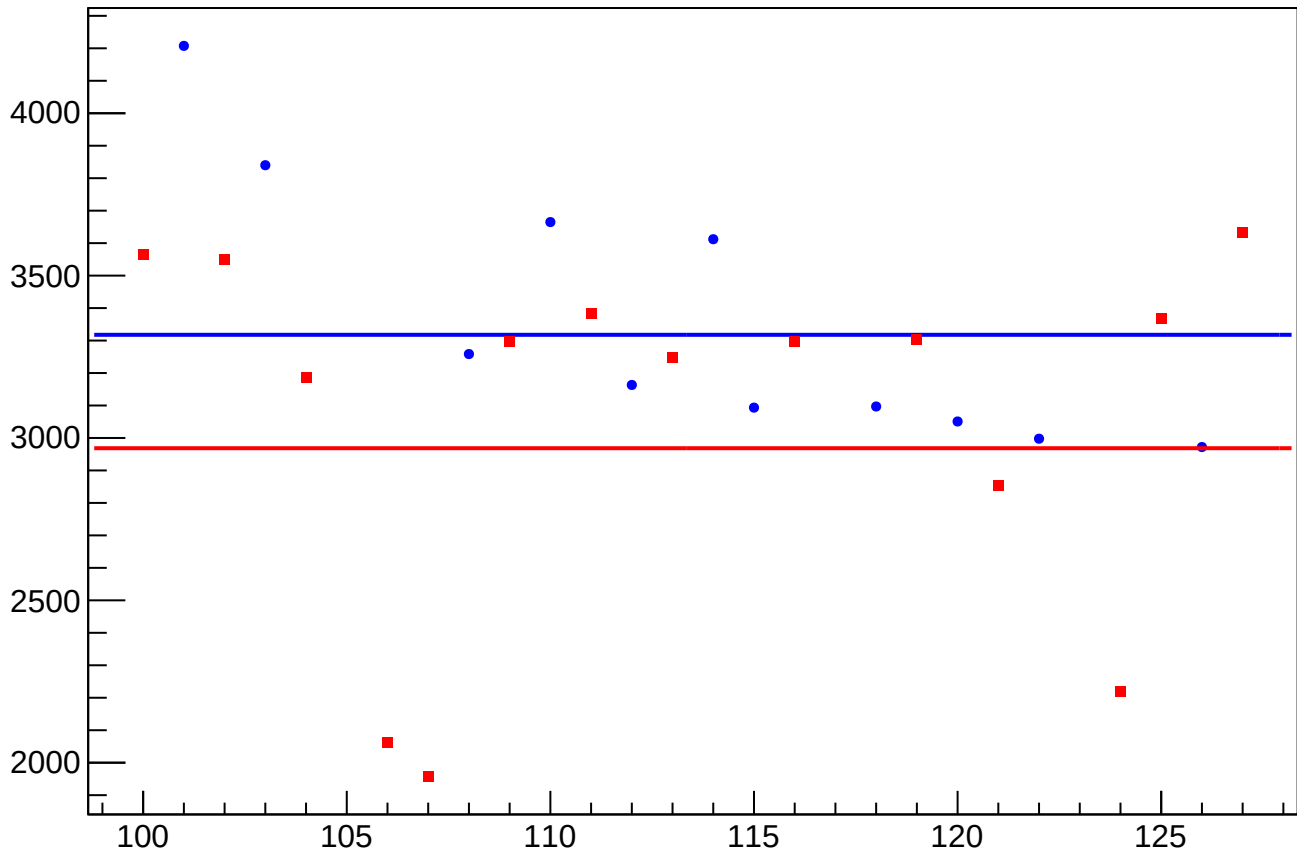
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -331.194+/-1007.456 χ^2/NDF : 24.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_eigen_cor_correction_rms vs Slug



Right In: 3317.703+/-1.117 χ^2/NDF : 123819.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2968.475+/-0.925 χ^2/NDF : 393335.0/13

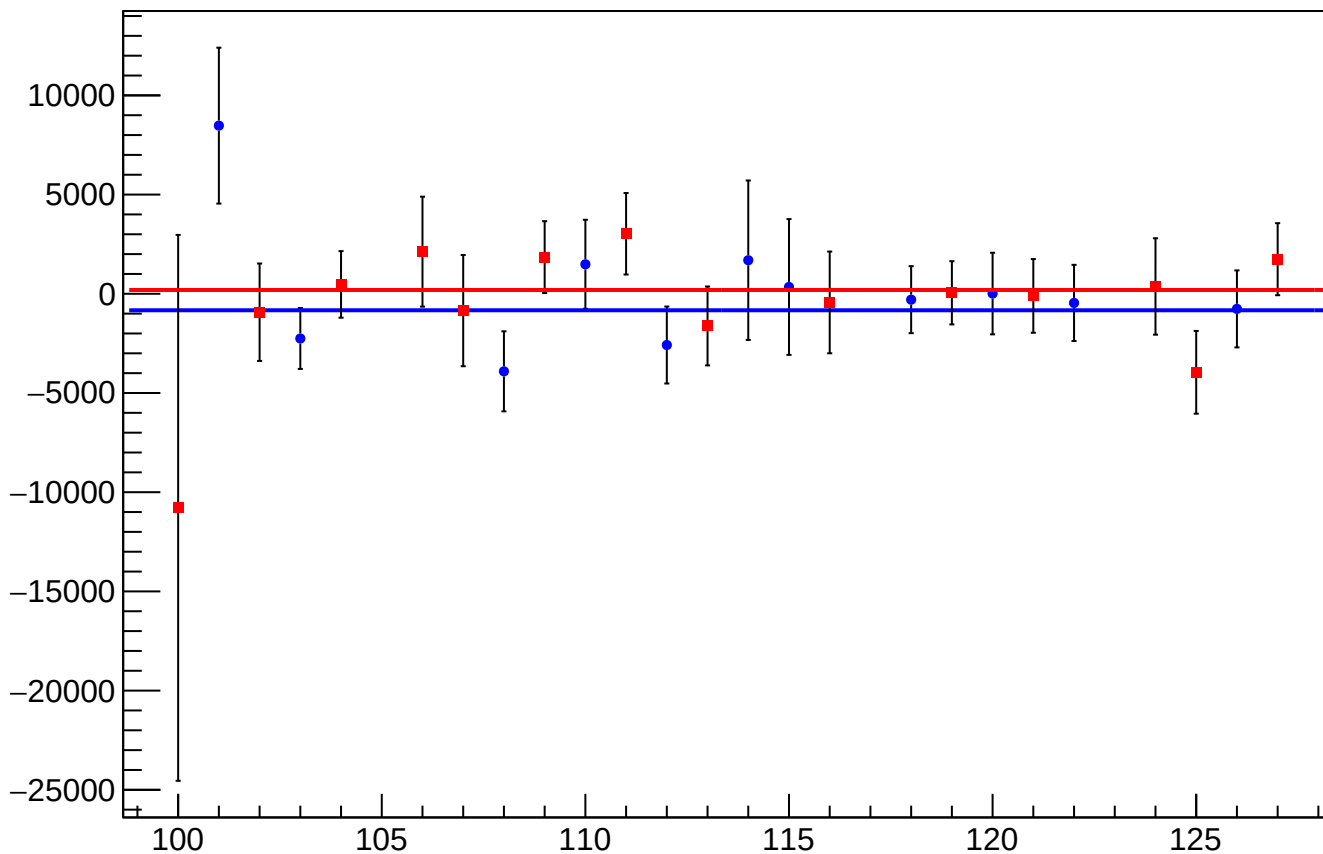
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3110.408+/-0.712 χ^2/NDF : 575131.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -830.849+/-636.086 χ^2/NDF : 11.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 192.145+/-566.342 χ^2/NDF : 9.9/13

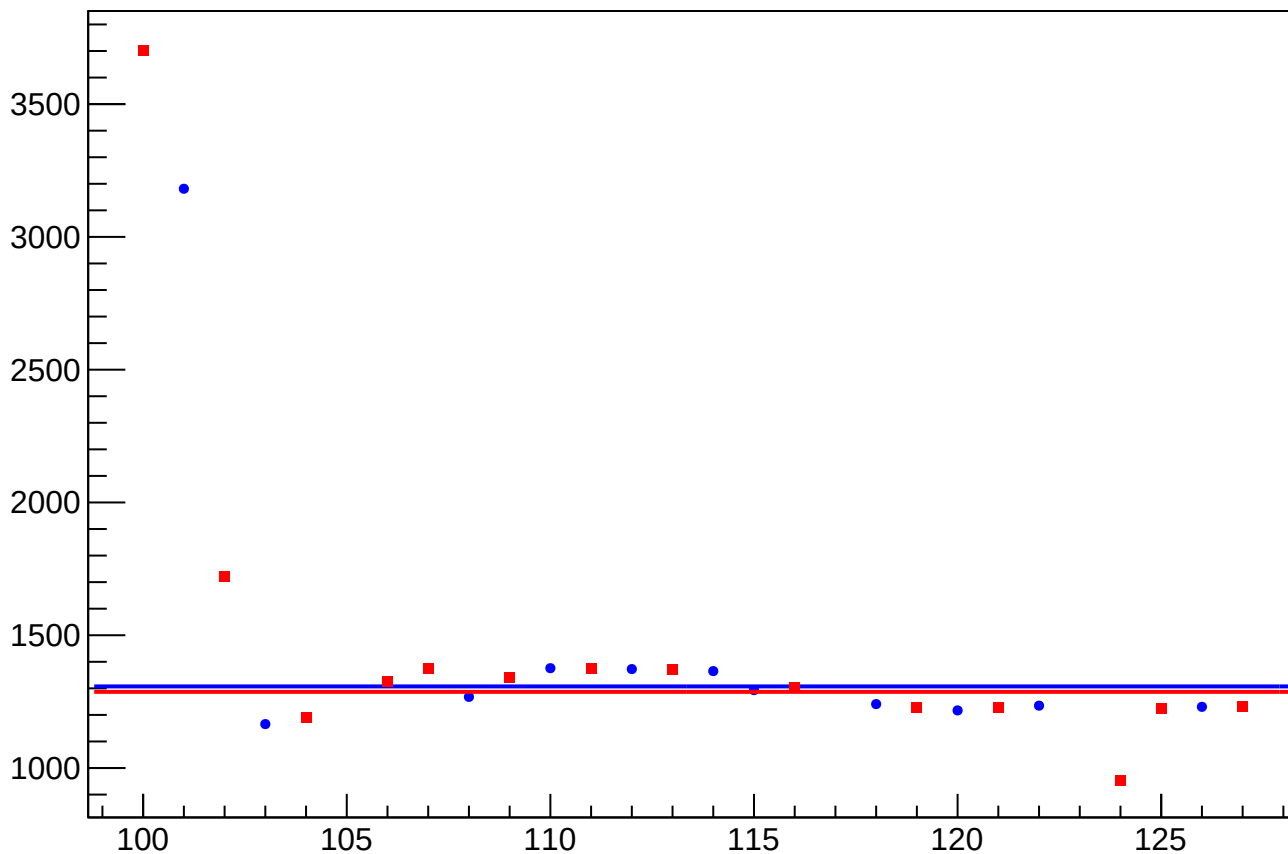
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -260.215+/-422.982 χ^2/NDF : 22.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1307.322+/-0.450 χ^2/NDF : 490345.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1286.883+/-0.400 χ^2/NDF : 188442.4/13

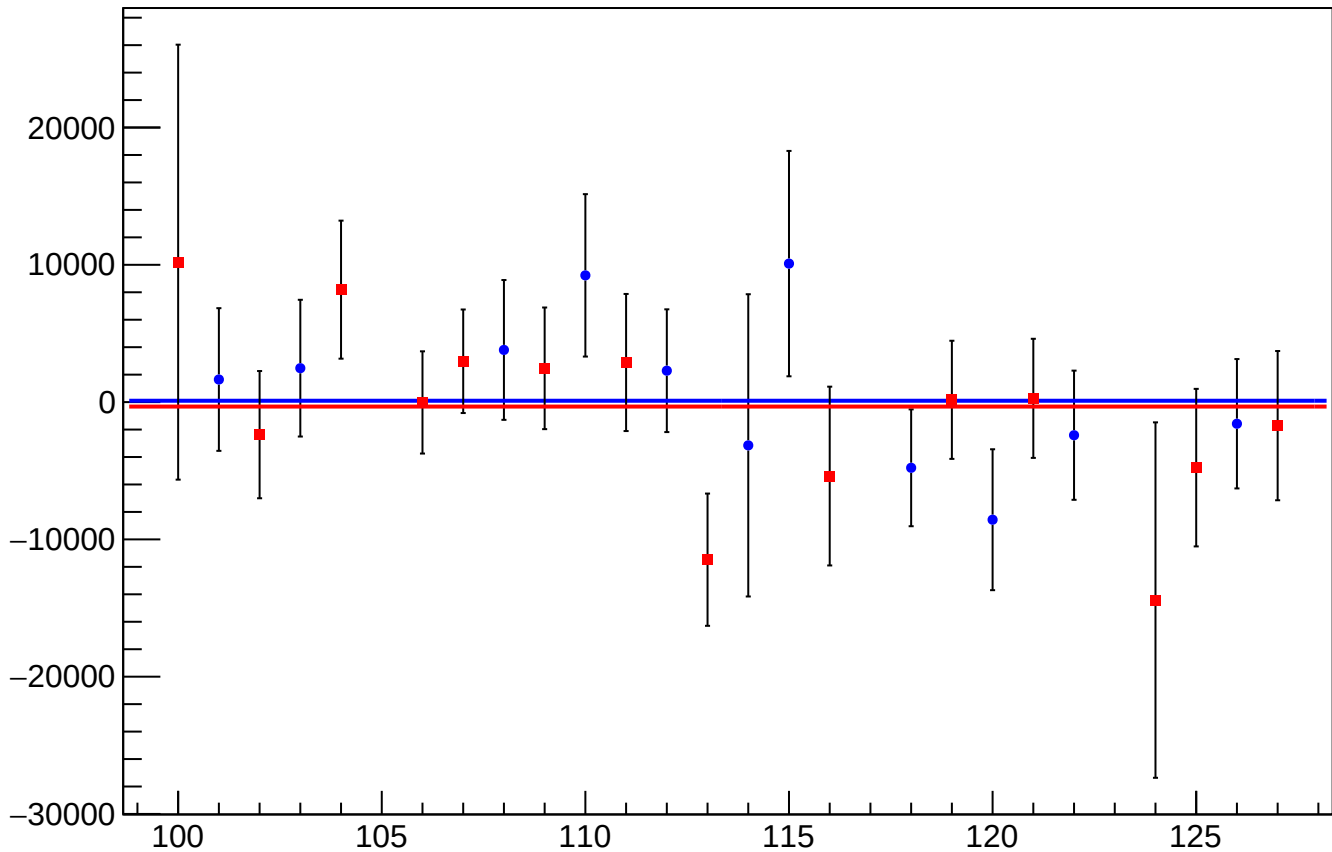
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1295.911+/-0.299 χ^2/NDF : 679941.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_dit_correction_mean vs Slug



Right In: 98.867+/-1579.070 χ^2/NDF : 9.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -325.100+/-1327.200 χ^2/NDF : 12.9/13

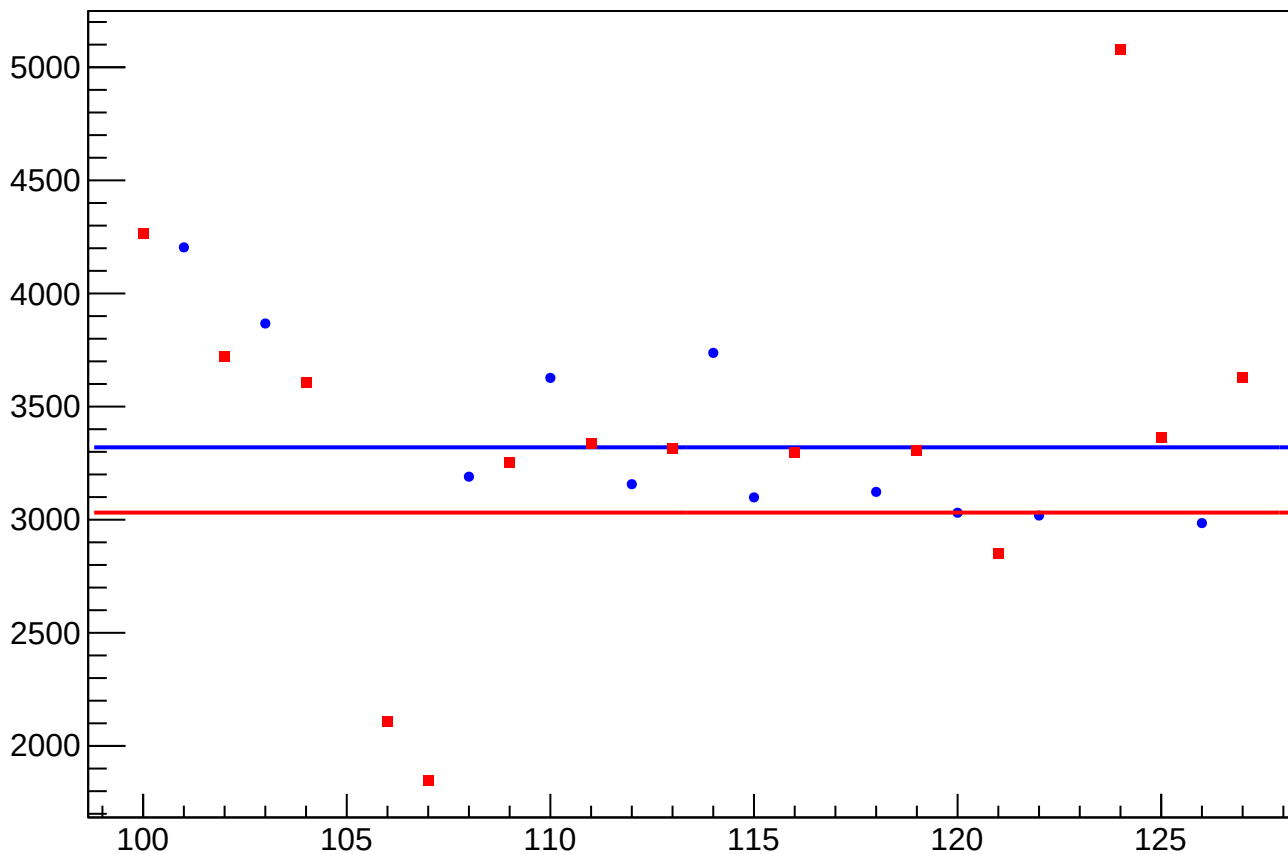
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -149.585+/-1015.996 χ^2/NDF : 22.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_dit_correction_rms vs Slug



Right In: 3319.998+/-1.117 χ^2/NDF : 124640.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

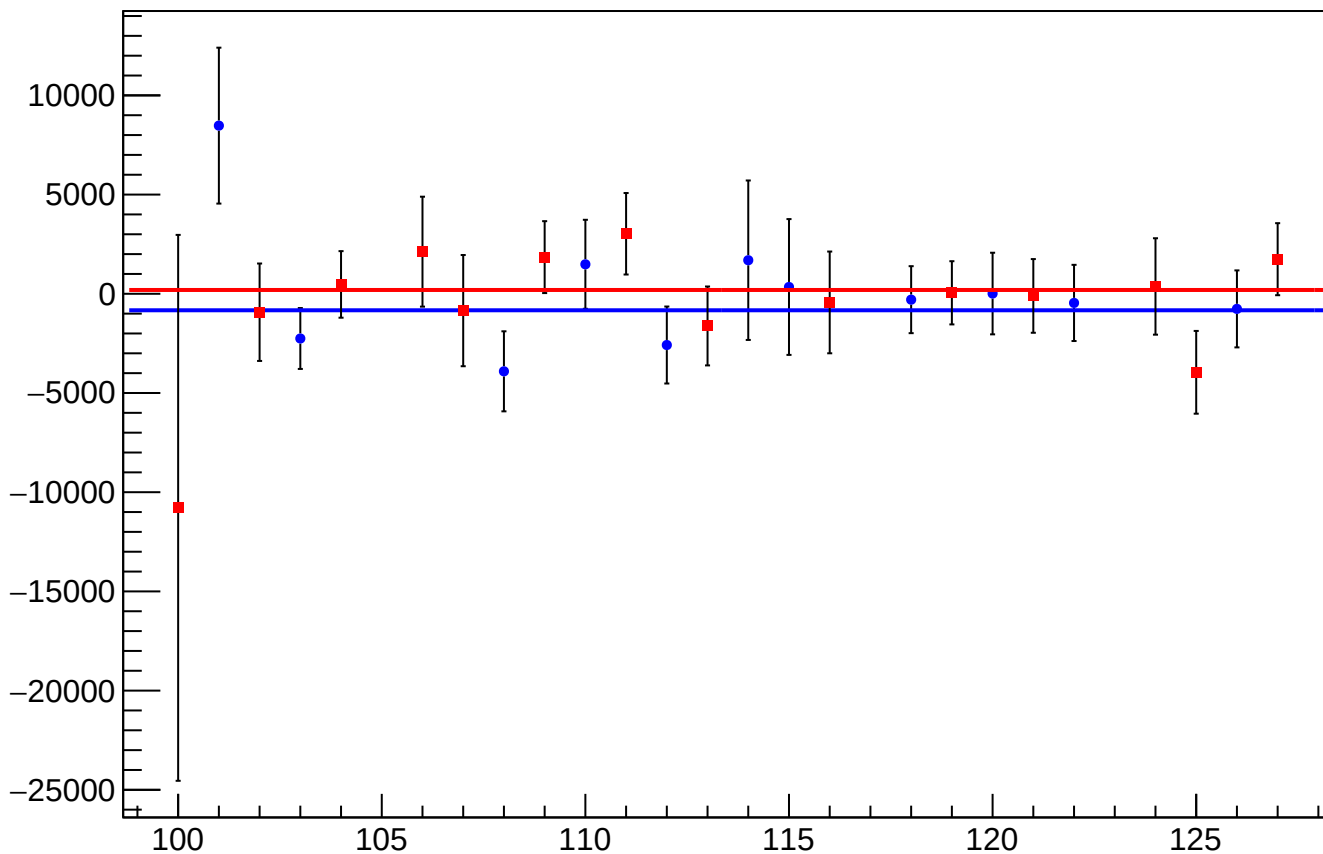
Right Out: 3031.500+/-0.938 χ^2/NDF : 517789.1/13

All: 3150.933+/-0.718 χ^2/NDF : 681551.9/24

- 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: -830.846 $\pm$ 636.086 χ^2/NDF : 11.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 192.152 $\pm$ 566.342 χ^2/NDF : 9.9/13

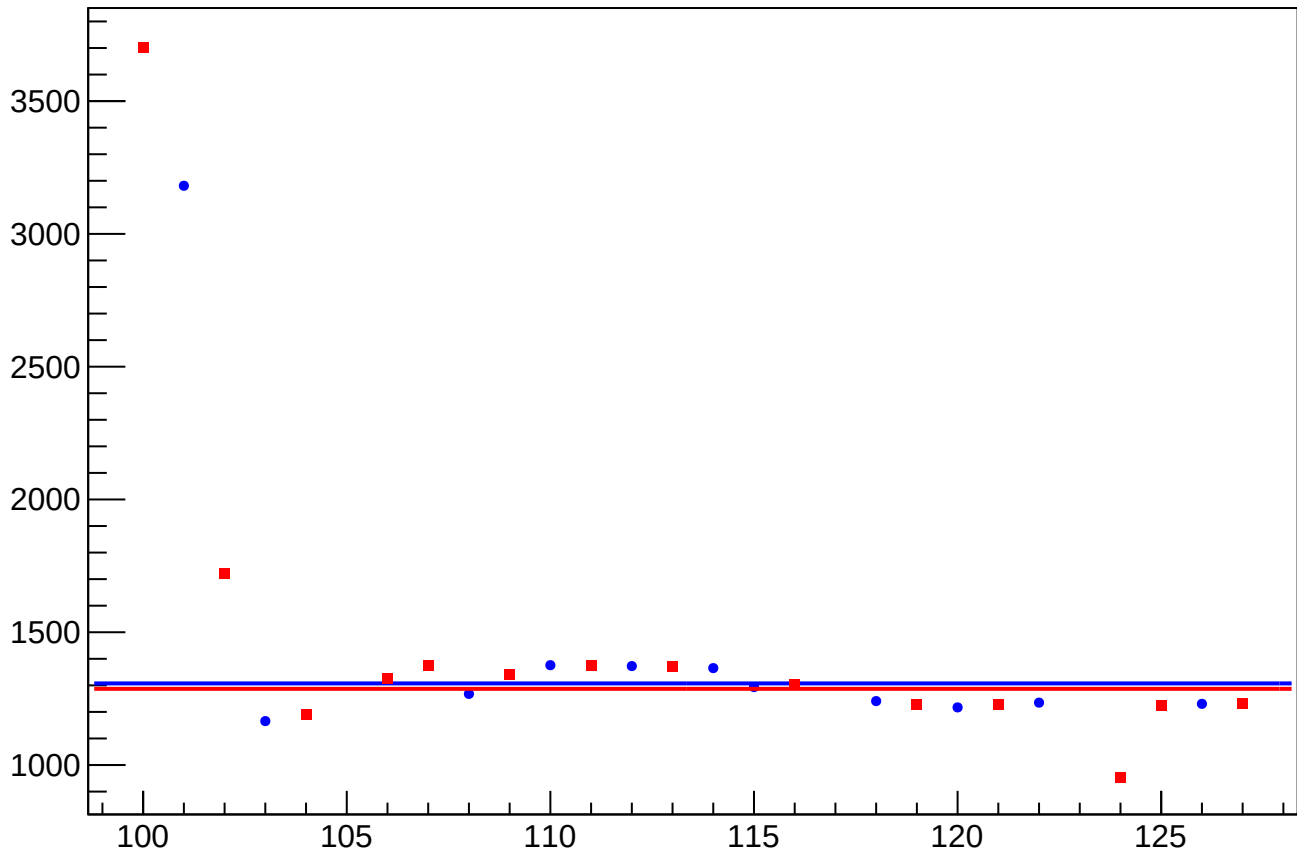
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -260.209 $\pm$ 422.982 χ^2/NDF : 22.8/24

- 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: 1307.322+/-0.450 χ^2/NDF : 490345.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

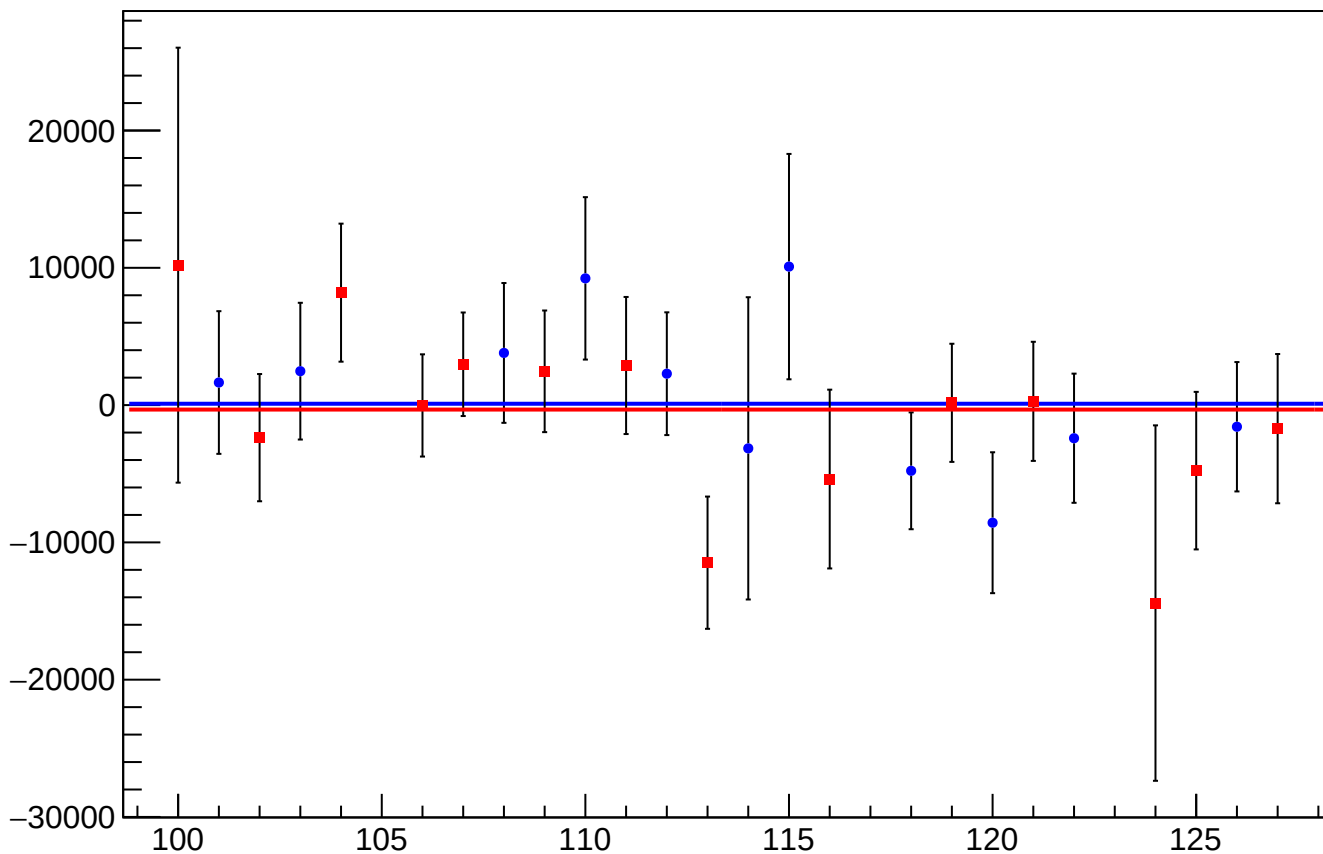
Right Out: 1286.883+/-0.400 χ^2/NDF : 188442.4/13

All: 1295.911+/-0.299 χ^2/NDF : 679941.1/24

- 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_dit_correction_mean vs Slug



Right In: 98.860+/-1579.065 χ^2/NDF : 9.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -325.094+/-1327.197 χ^2/NDF : 12.9/13

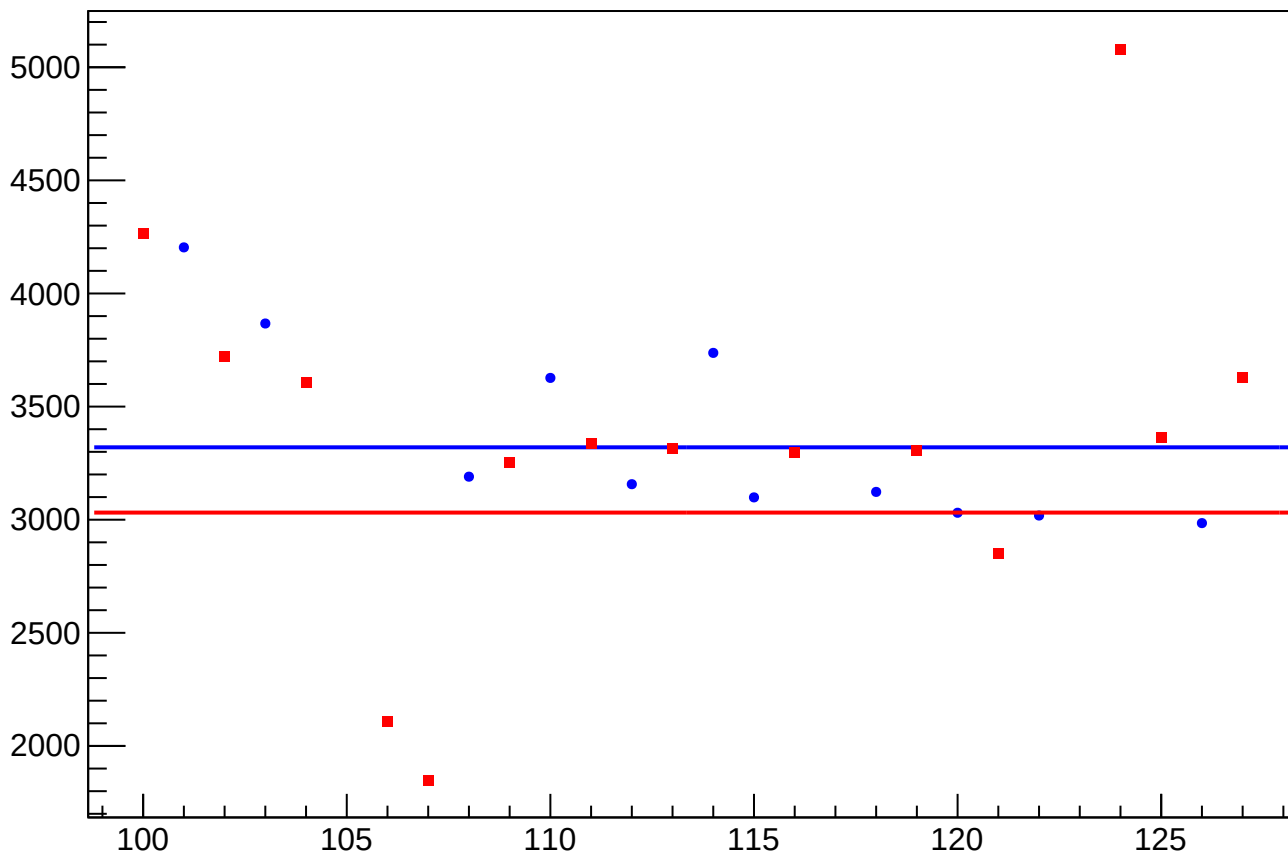
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -149.585+/-1015.993 χ^2/NDF : 22.6/24

- 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: 3319.987 $\pm$ 1.117 χ^2 /NDF: 124643.5/10

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

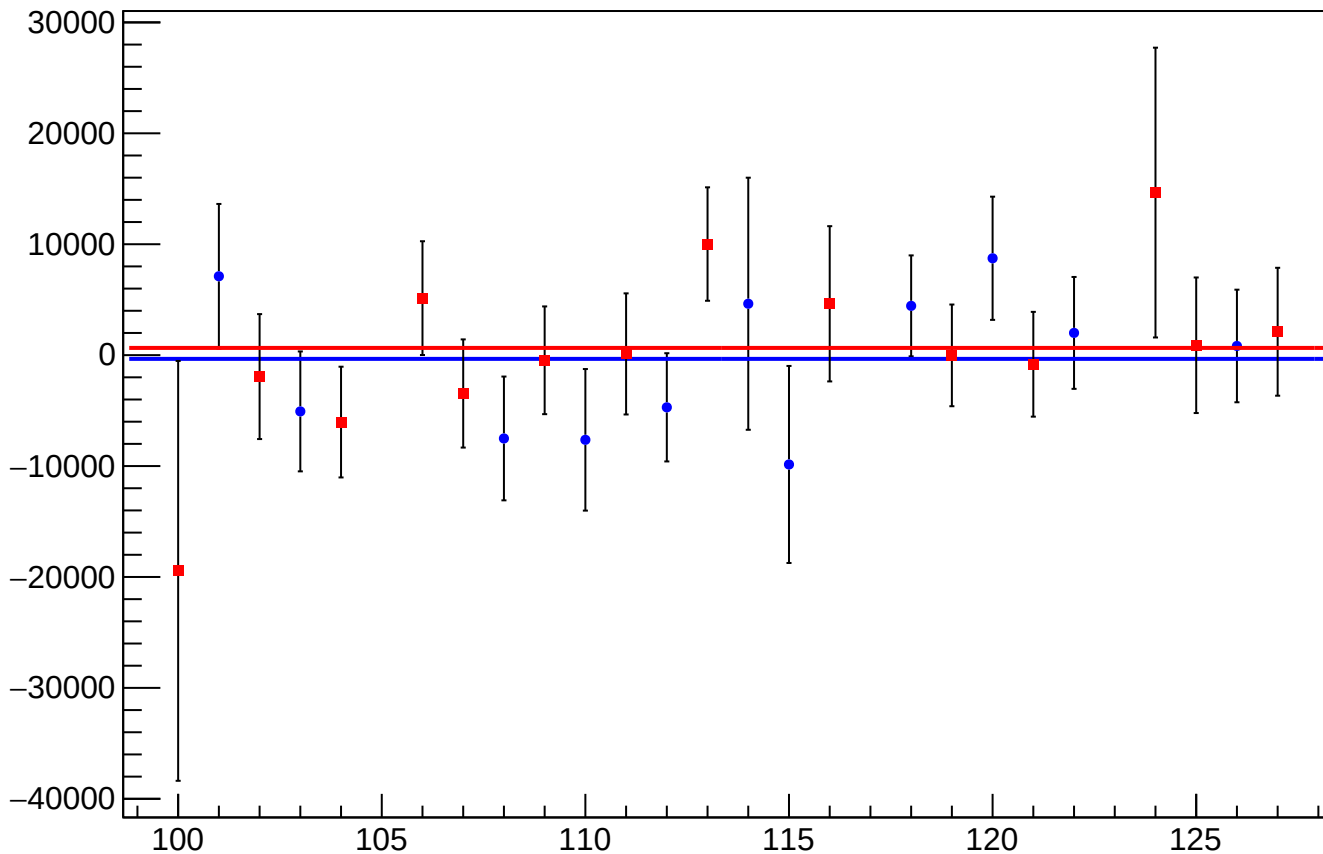
Right Out: 3031.492 $\pm$ 0.938 χ^2 /NDF: 517790.7/13

All: 3150.924 $\pm$ 0.718 χ^2 /NDF: 681556.0/24

- 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_dd_atr_dd_avg_mean vs Slug



Right In: -336.593+/-1725.983 χ^2/NDF : 11.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 651.498+/-1500.419 χ^2/NDF : 9.7/13

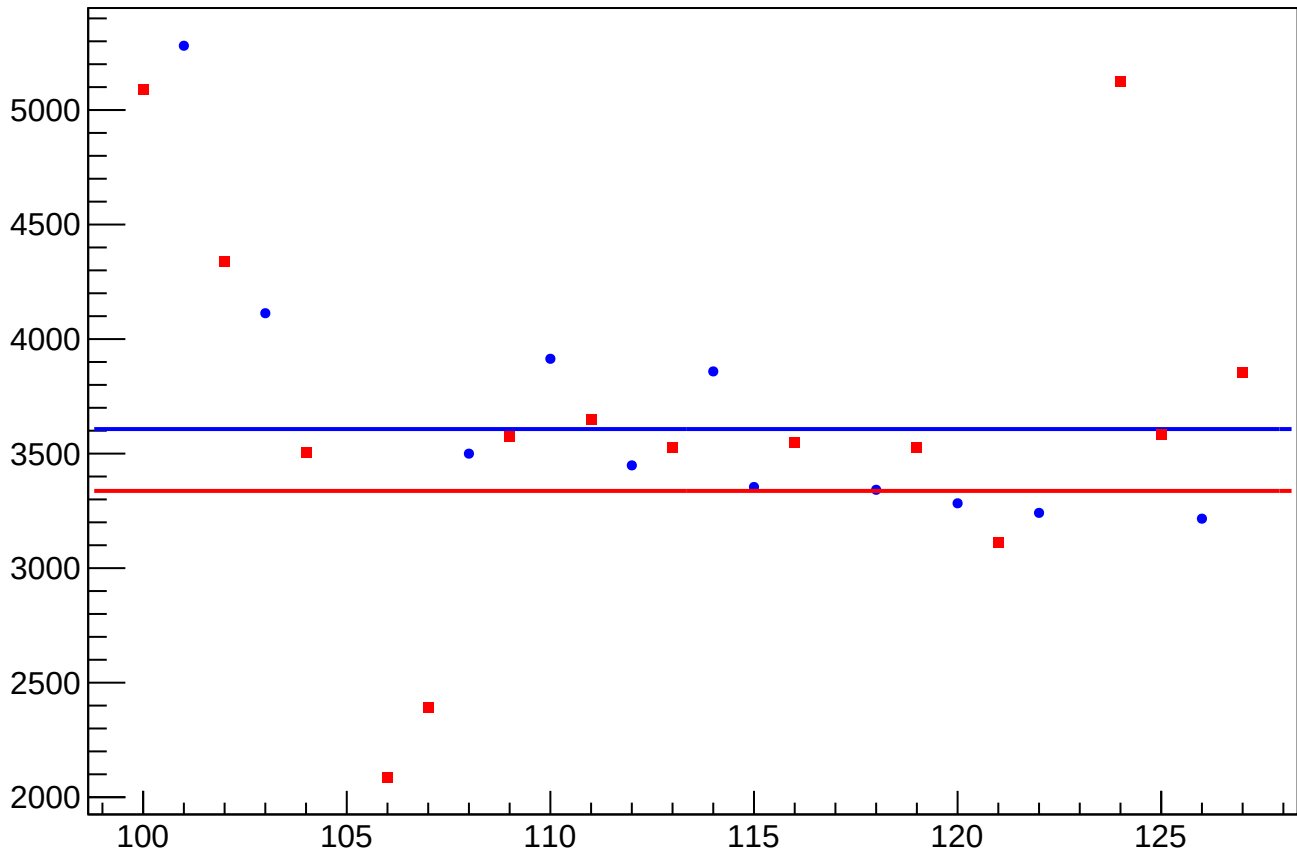
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 226.196+/-1132.366 χ^2/NDF : 21.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 3607.179+/-1.220 χ^2/NDF : 195433.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

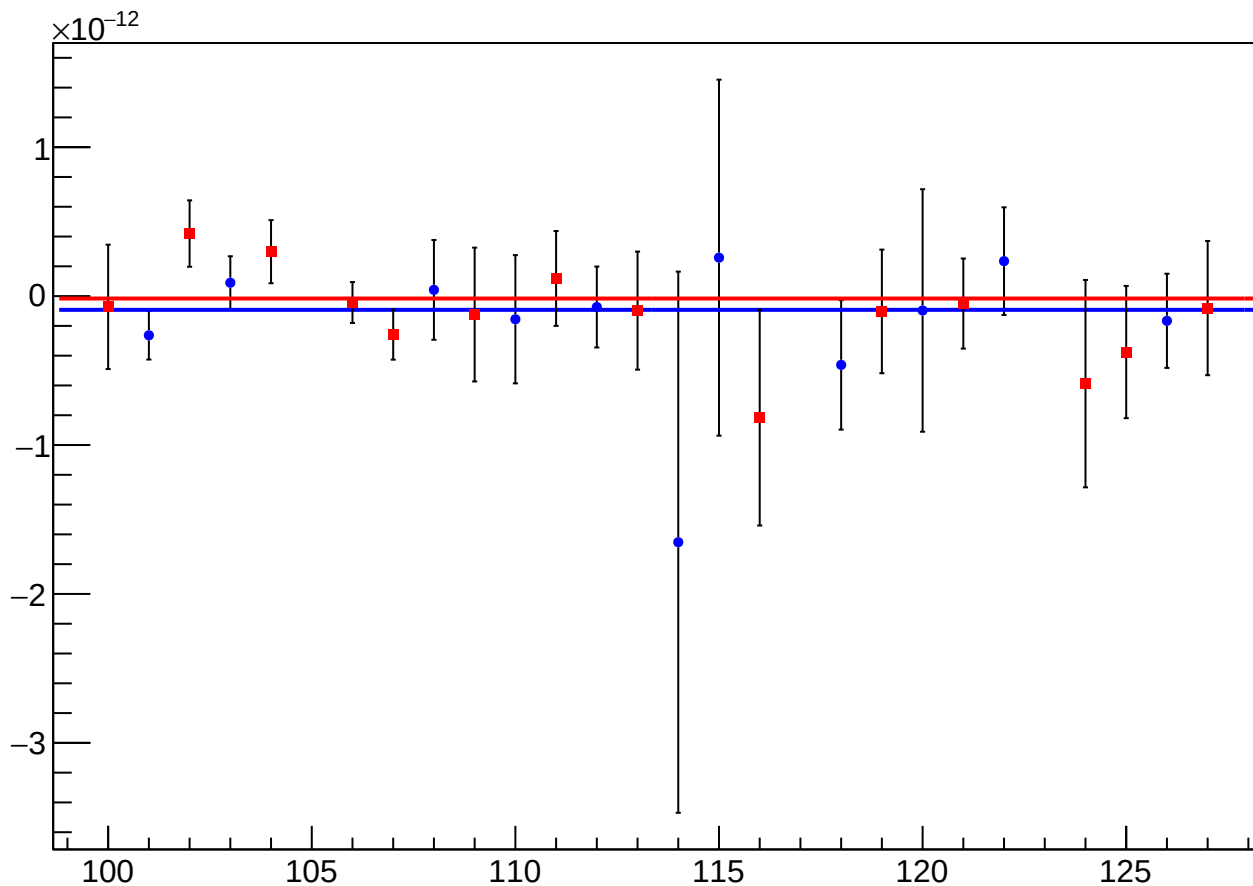
Right Out: 3337.186+/-1.043 χ^2/NDF : 405396.0/13

All: 3451.122+/-0.793 χ^2/NDF : 629117.2/24

- 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_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 4.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.1/13

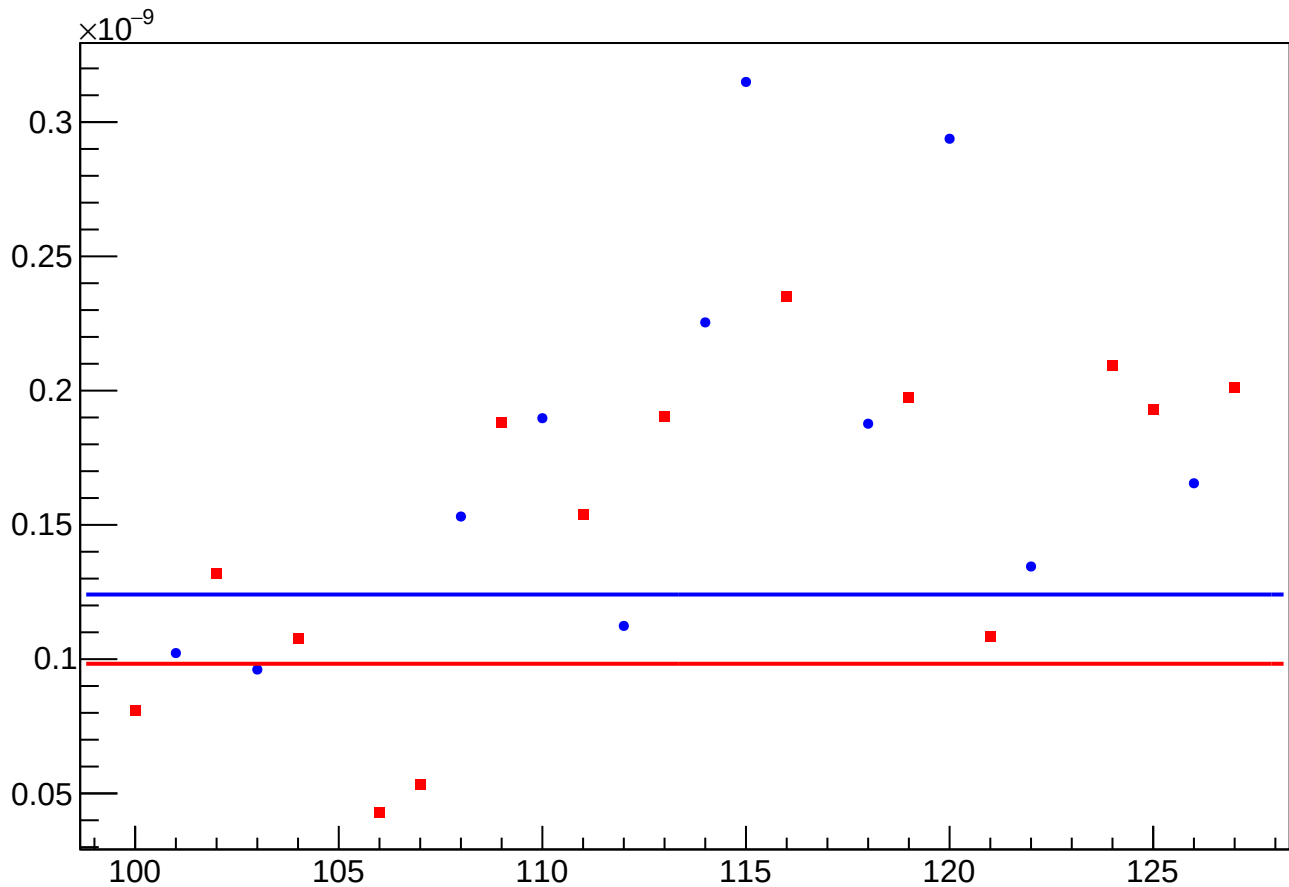
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.3/24

- sign 0.000+/-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 : 373504.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1204193.5/13

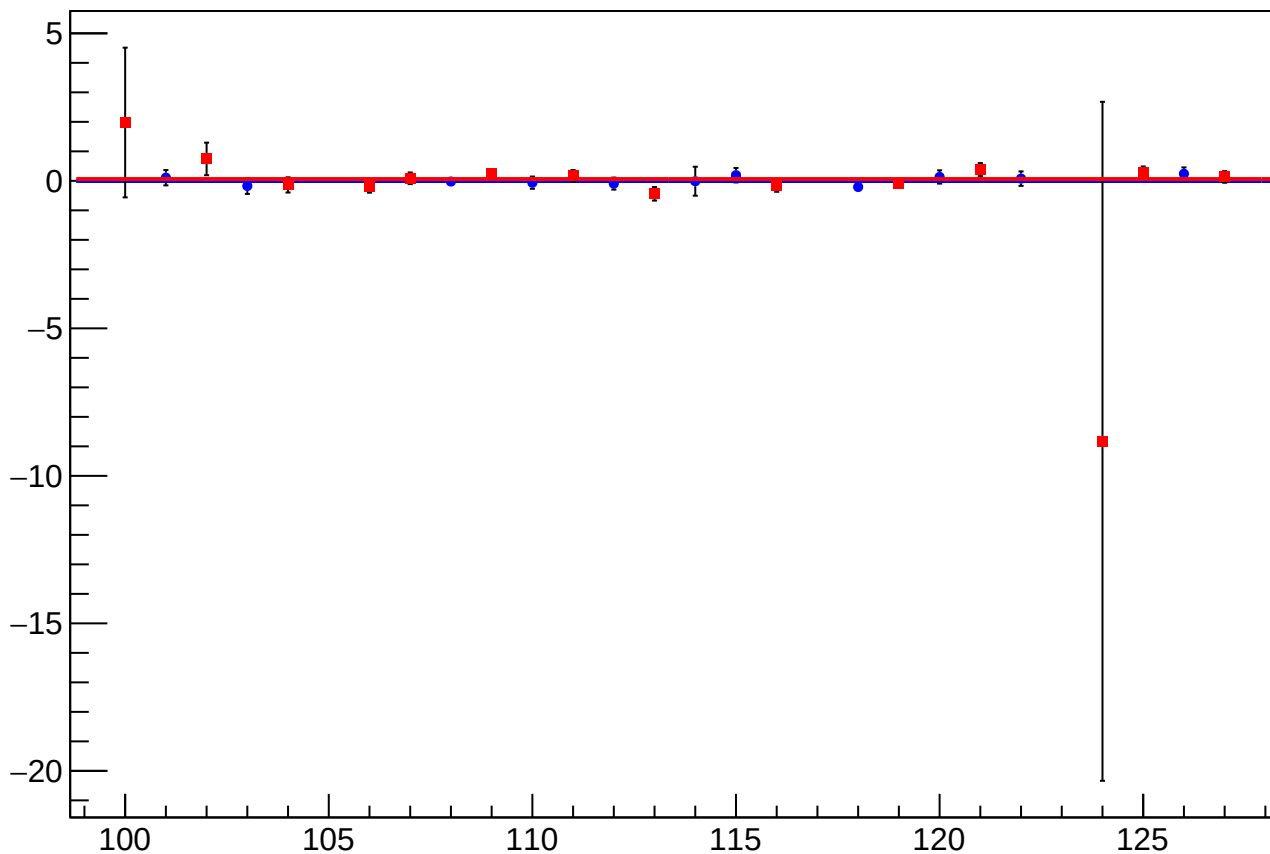
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1676538.4/24

- 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: -0.005 ± 0.066 χ^2/NDF : 4.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.061 ± 0.059 χ^2/NDF : 17.0/13

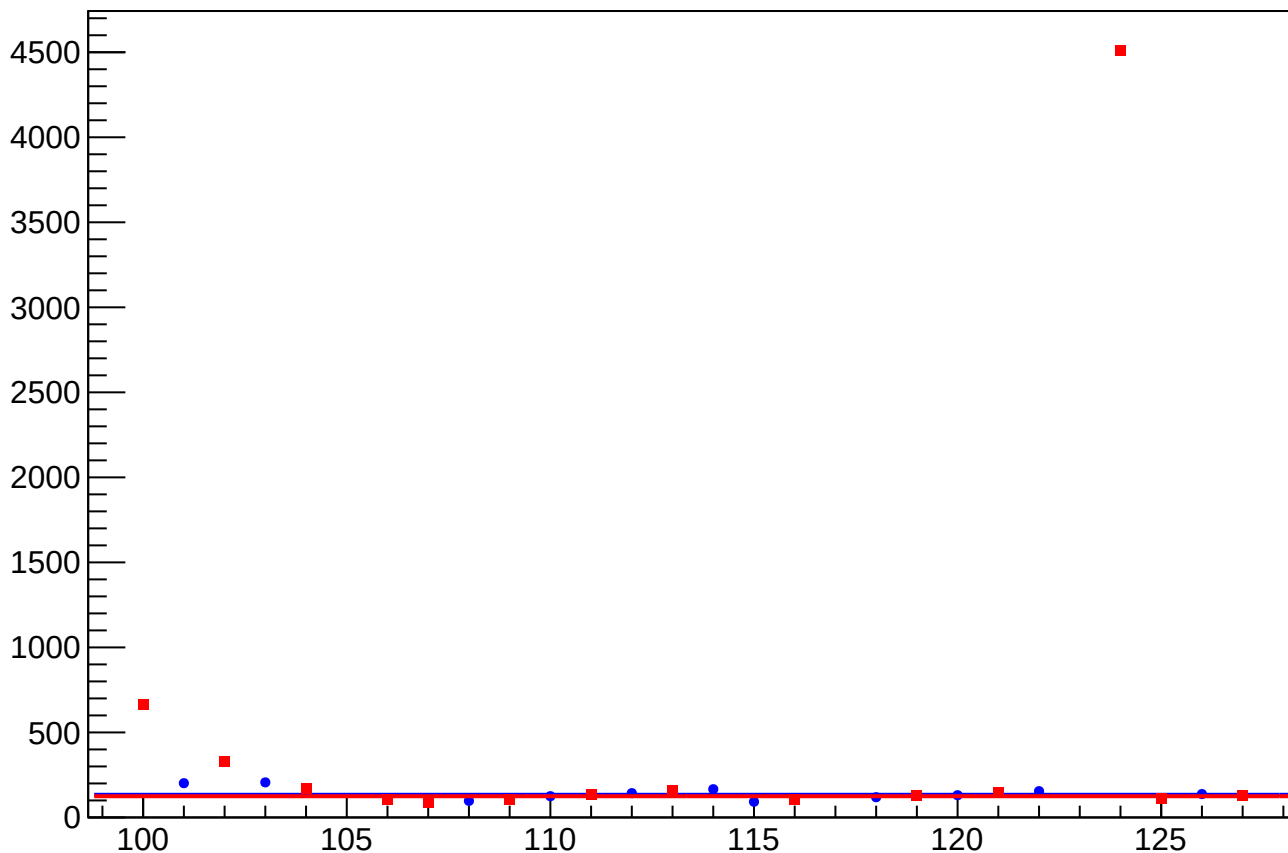
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.032 ± 0.044 χ^2/NDF : 22.3/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_rms vs Slug



Right In: 133.261+/-0.047 χ^2/NDF : 486831.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.806+/-0.042 χ^2/NDF : 908299.6/13

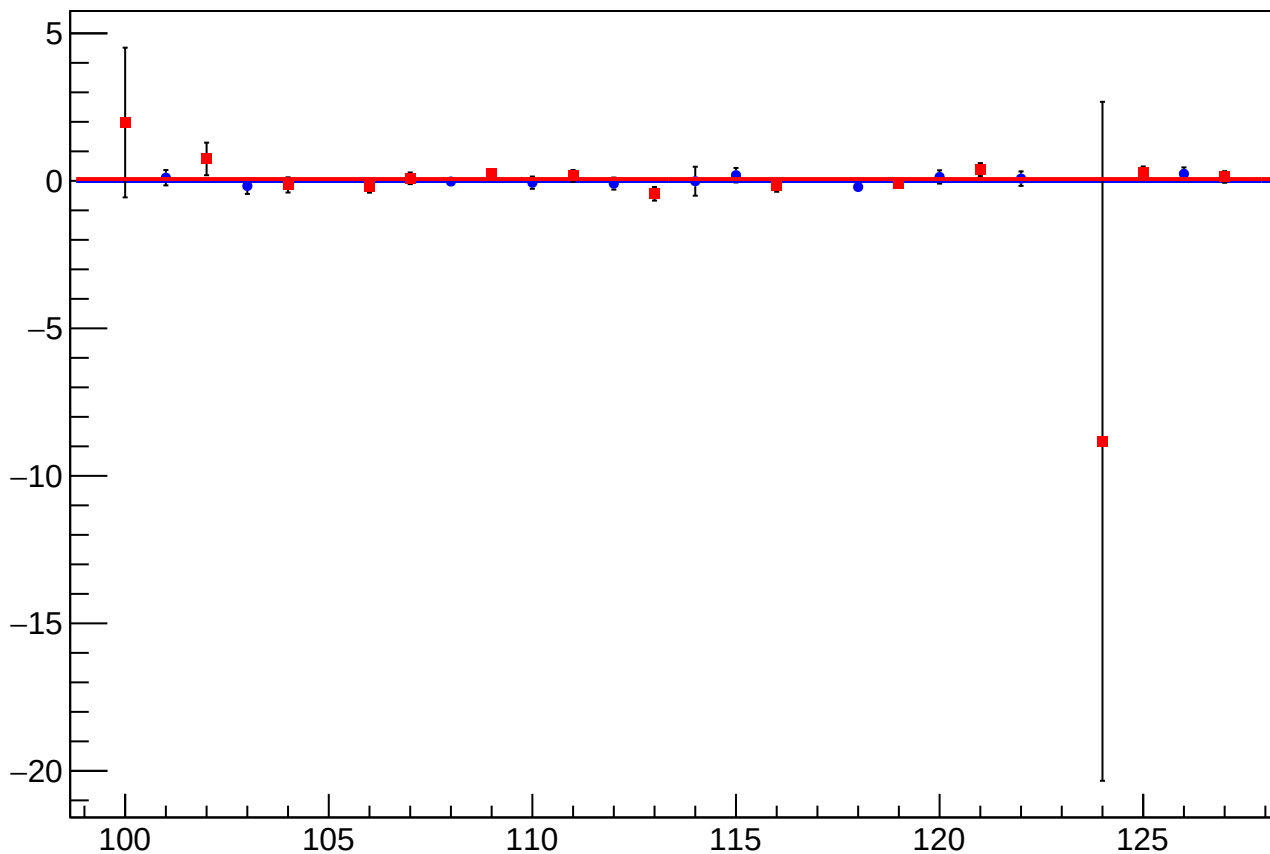
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.572+/-0.031 χ^2/NDF : 1413416.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.005 $\pm$ 0.066 χ^2 /NDF: 4.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.061 $\pm$ 0.059 χ^2 /NDF: 17.0/13

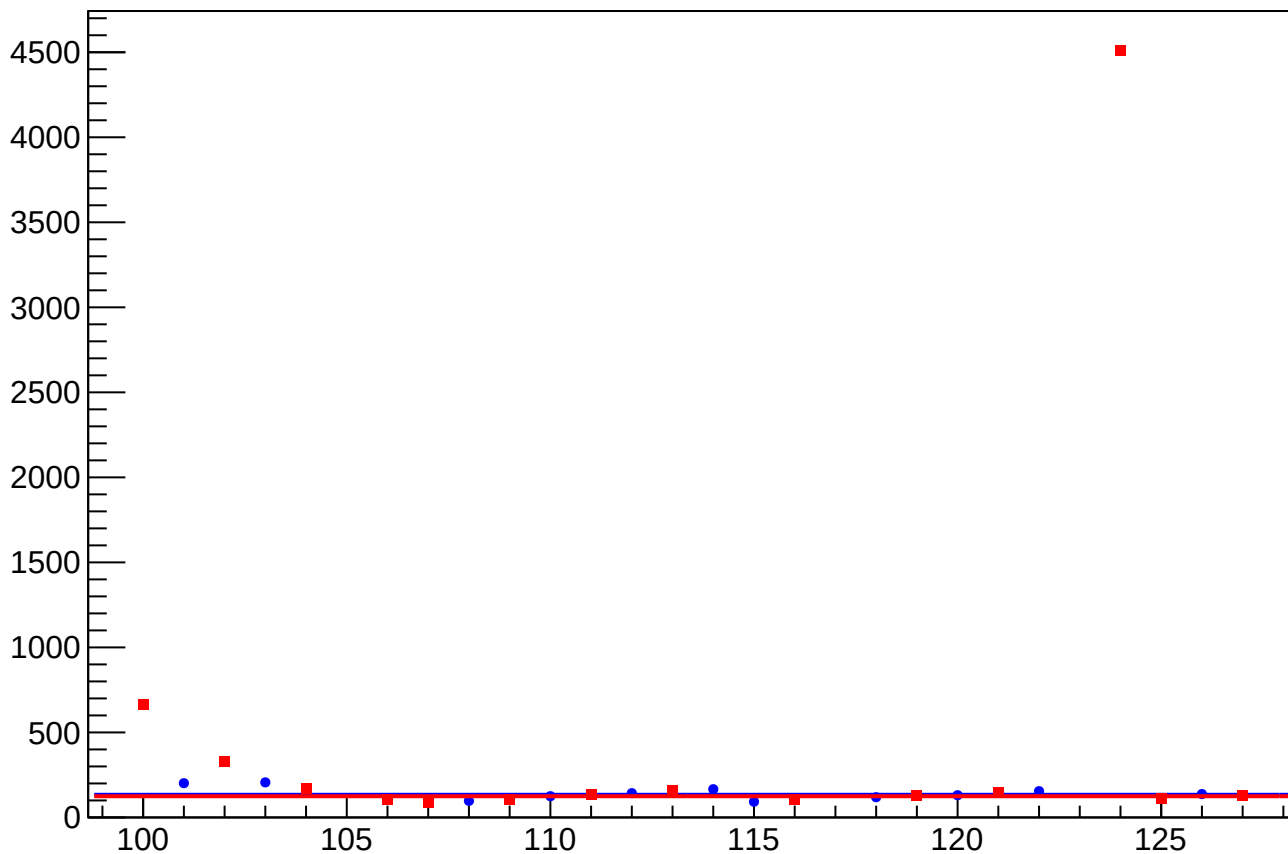
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.032 $\pm$ 0.044 χ^2 /NDF: 22.3/24

- 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: 133.261+/-0.047 χ^2/NDF : 486831.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.806+/-0.042 χ^2/NDF : 908299.6/13

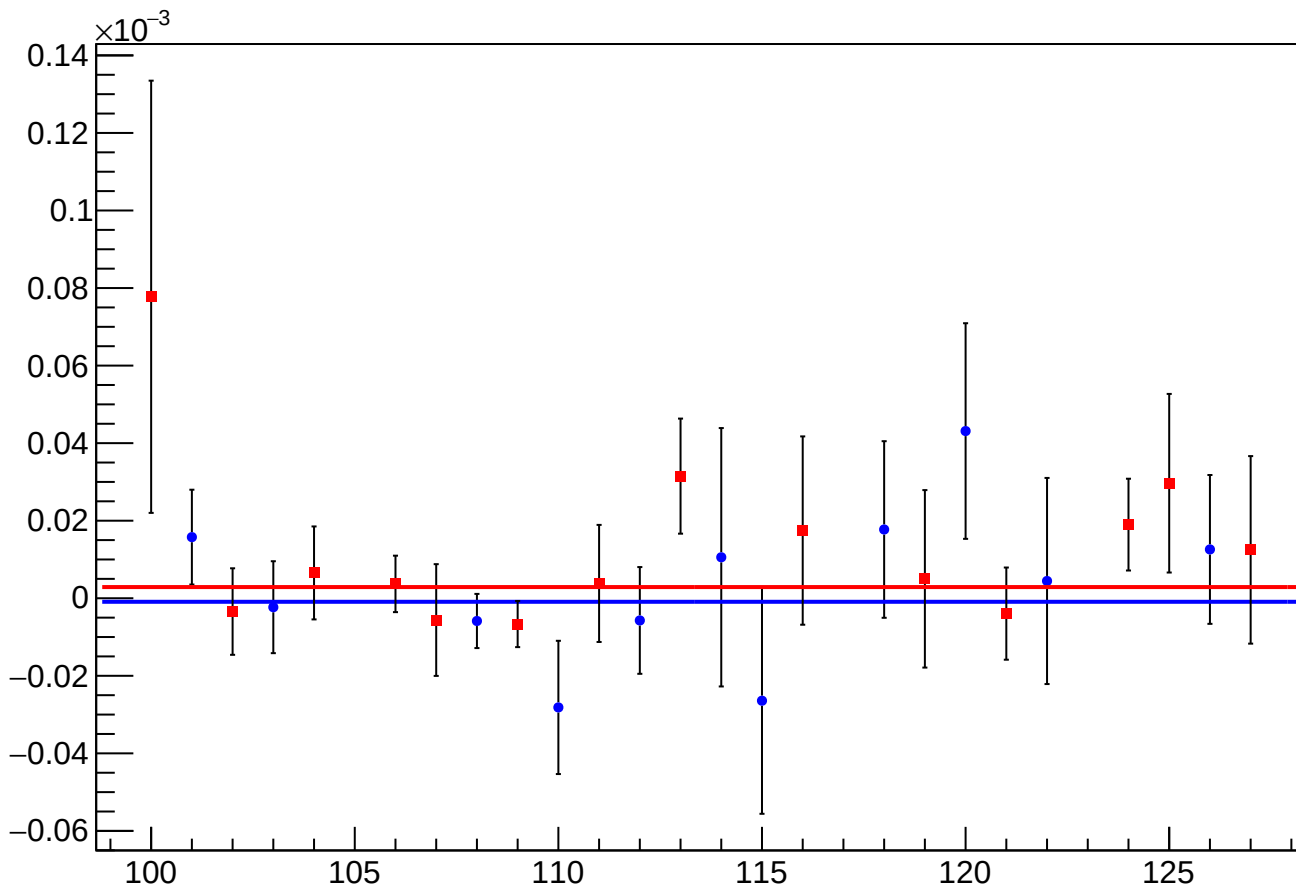
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.572+/-0.031 χ^2/NDF : 1413416.0/24

- 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 +/- 0.000 χ^2/NDF : 9.6/10

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 +/- 0.000 χ^2/NDF : 12.9/13

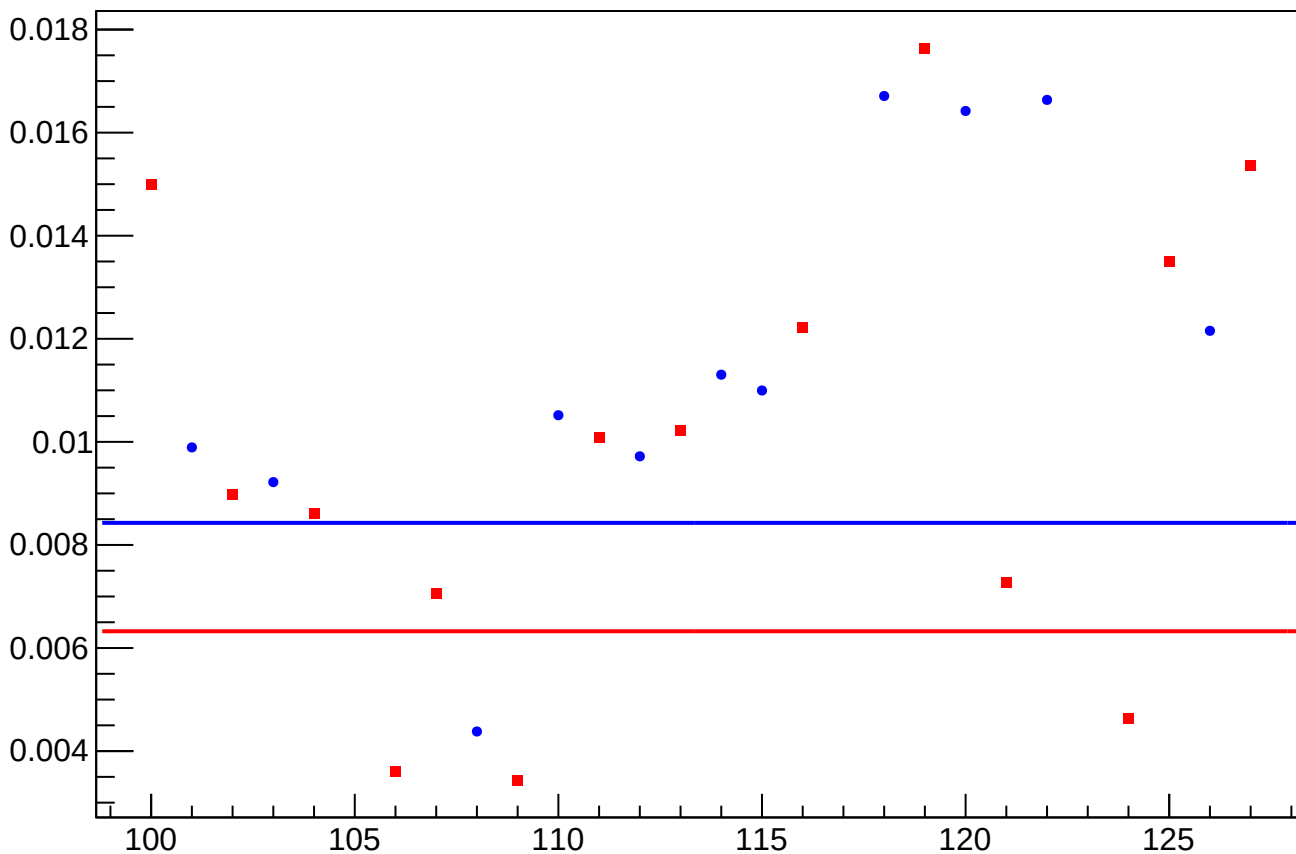
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 0.000 +/- 0.000 χ^2/NDF : 23.0/24

- sign 0.000 +/- 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+/-0.000 χ^2/NDF : 1482687.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 2386410.9/13

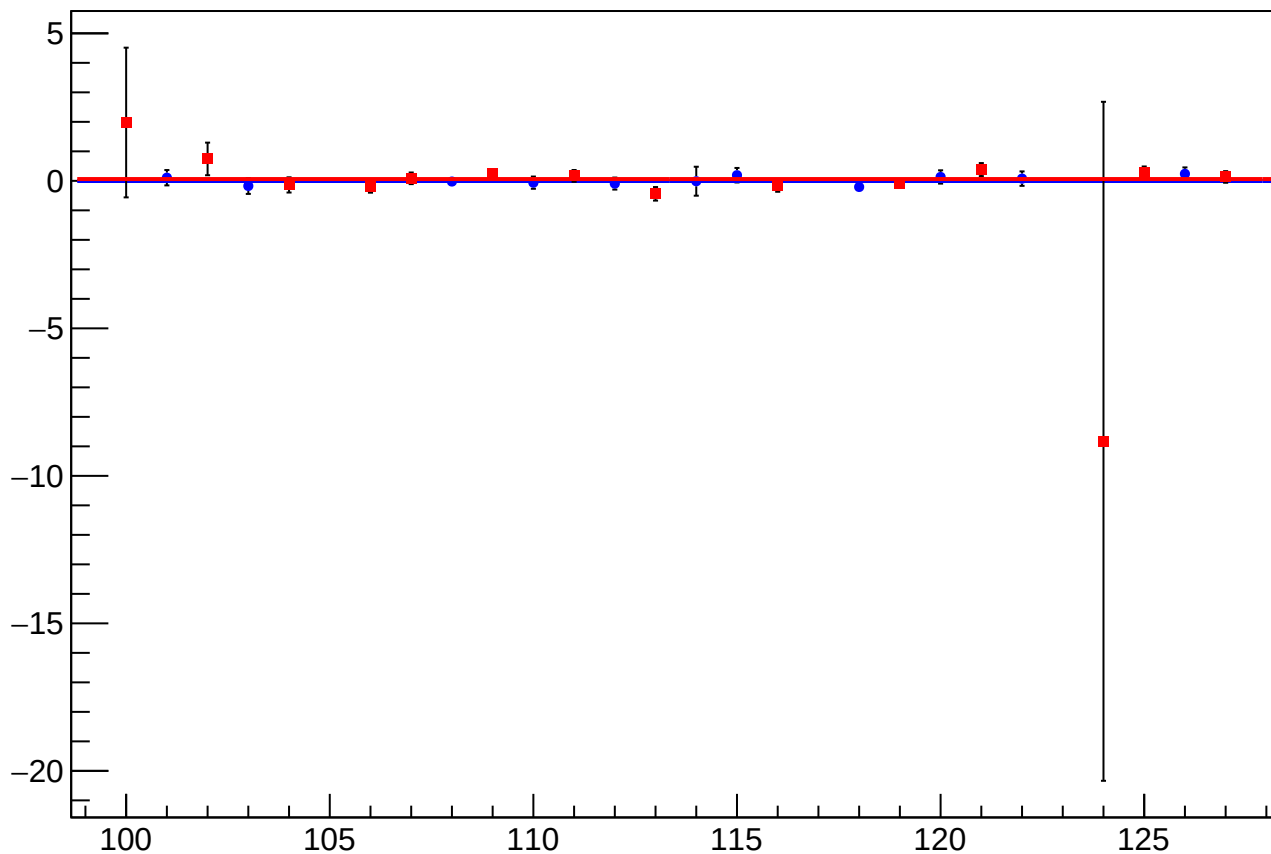
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 4170709.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.005 $\pm$ 0.066 χ^2 /NDF: 4.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.061 $\pm$ 0.059 χ^2 /NDF: 17.0/13

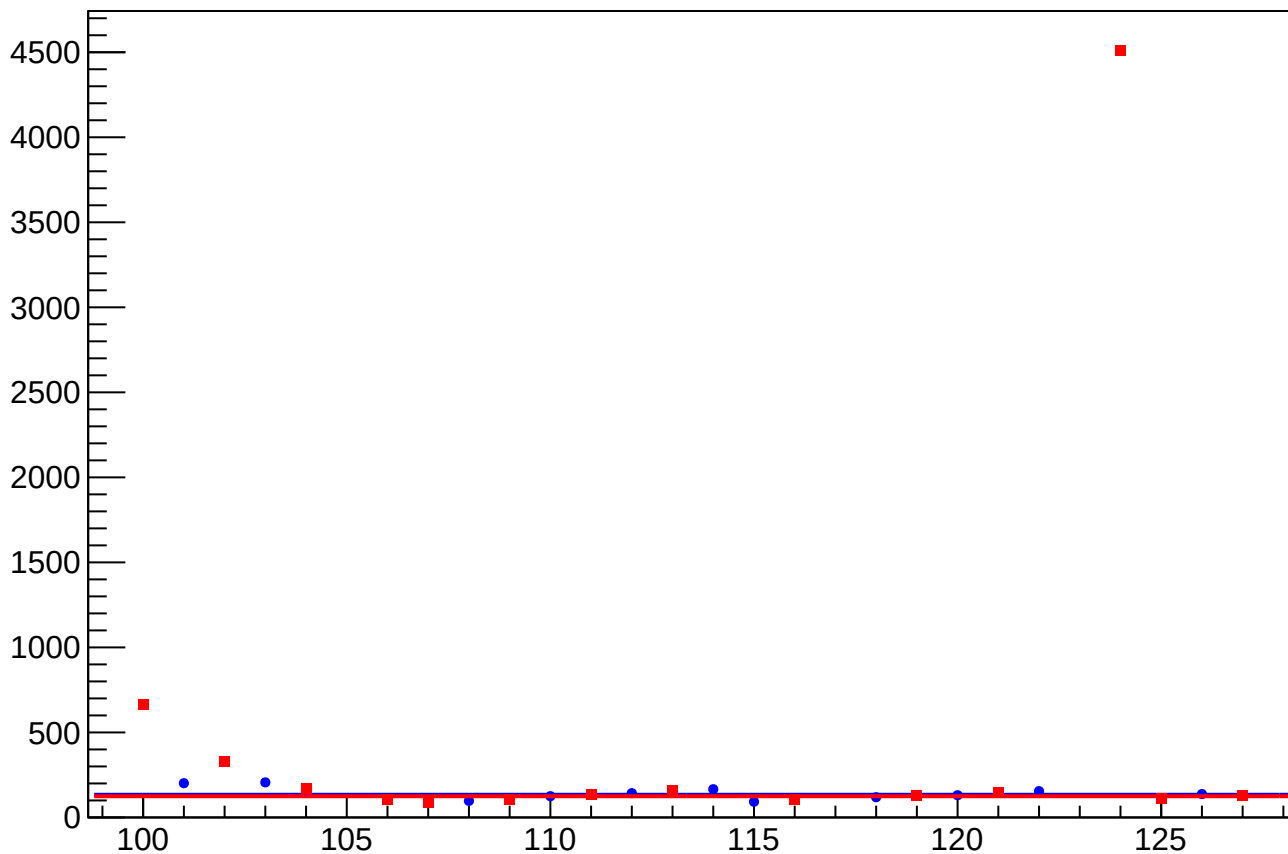
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.032 $\pm$ 0.044 χ^2 /NDF: 22.3/24

- 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: 133.262 $\pm$ 0.047 χ^2 /NDF: 486800.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 124.808 $\pm$ 0.042 χ^2 /NDF: 908250.5/13

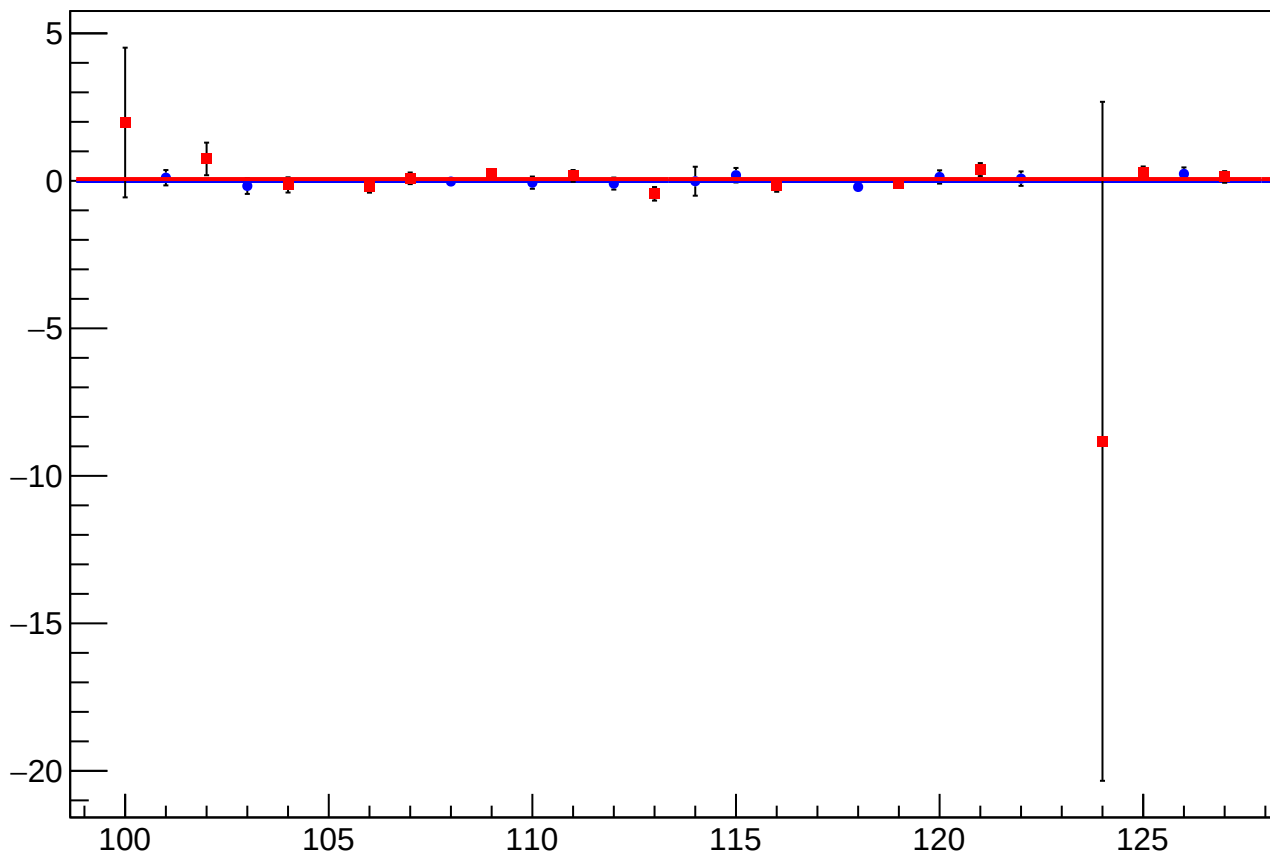
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 128.574 $\pm$ 0.031 χ^2 /NDF: 1413329.8/24

- 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: -0.005±/-0.066 χ^2/NDF : 4.7/10

Left Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.061±/-0.059 χ^2/NDF : 17.0/13

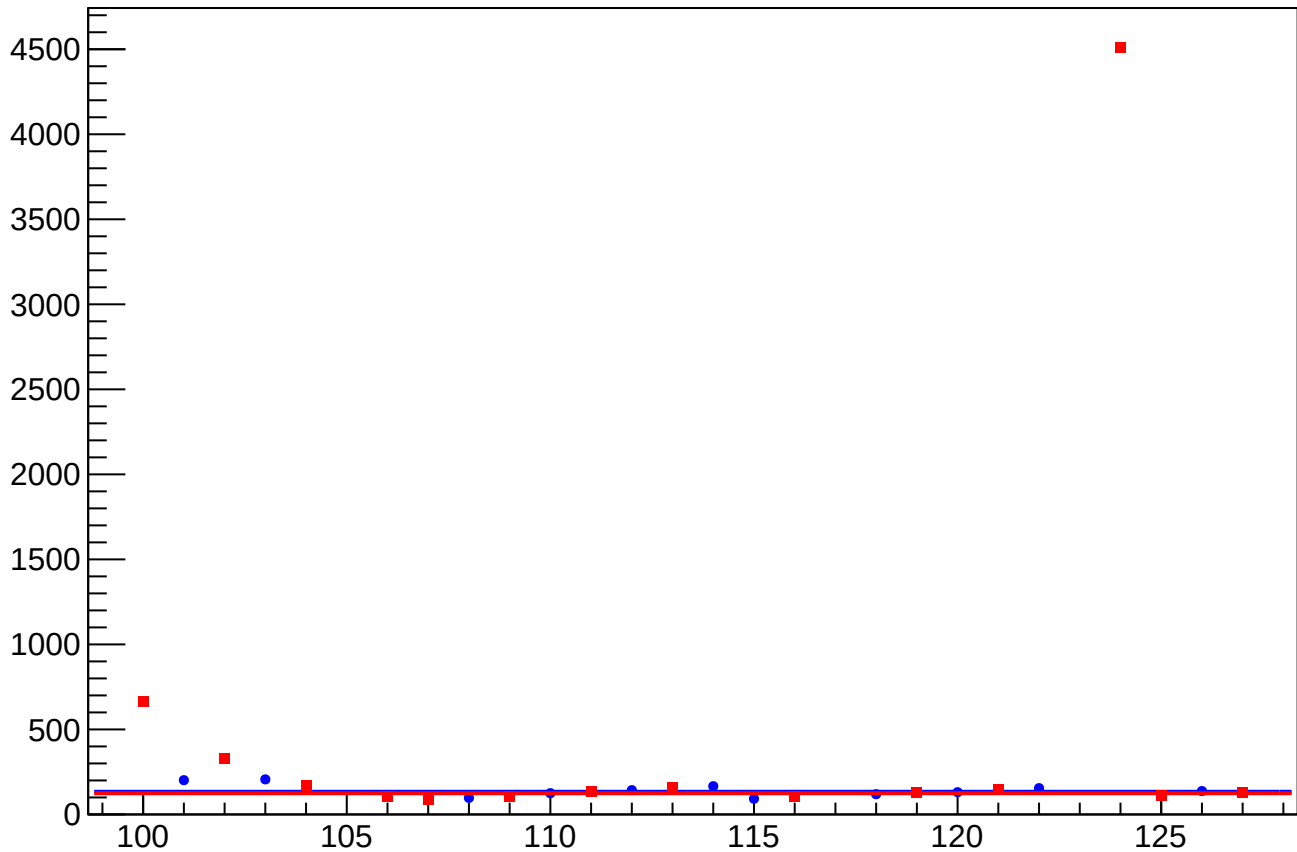
Left In: 0.000±/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000±/-0.000 χ^2/NDF : 0.0/0

All: 0.032±/-0.044 χ^2/NDF : 22.3/24

- sign 0.000±/-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: 133.262 $\pm$ 0.047 χ^2 /NDF: 486800.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 124.808 $\pm$ 0.042 χ^2 /NDF: 908250.5/13

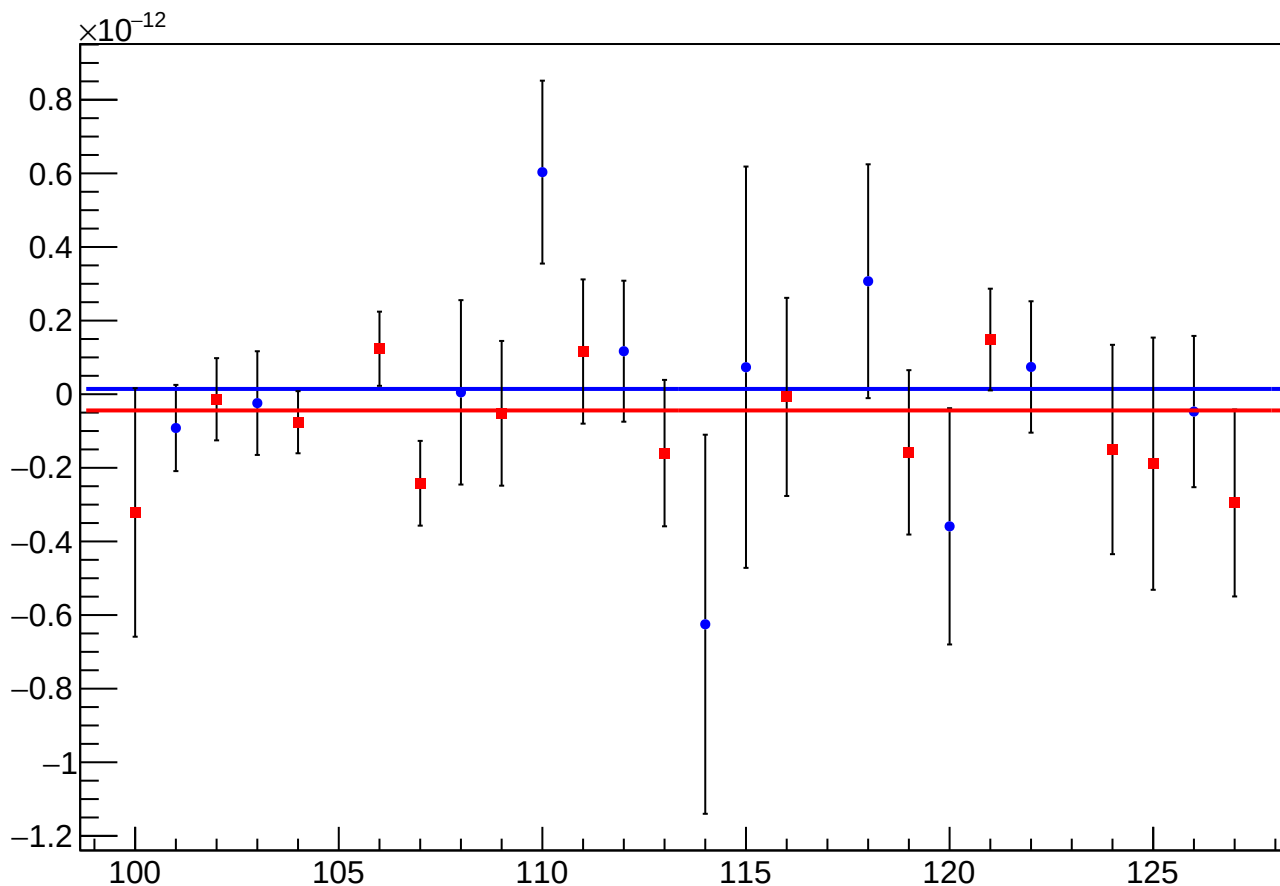
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 128.574 $\pm$ 0.031 χ^2 /NDF: 1413329.8/24

- sign 0.000 $\pm$ 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 : 10.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.1/13

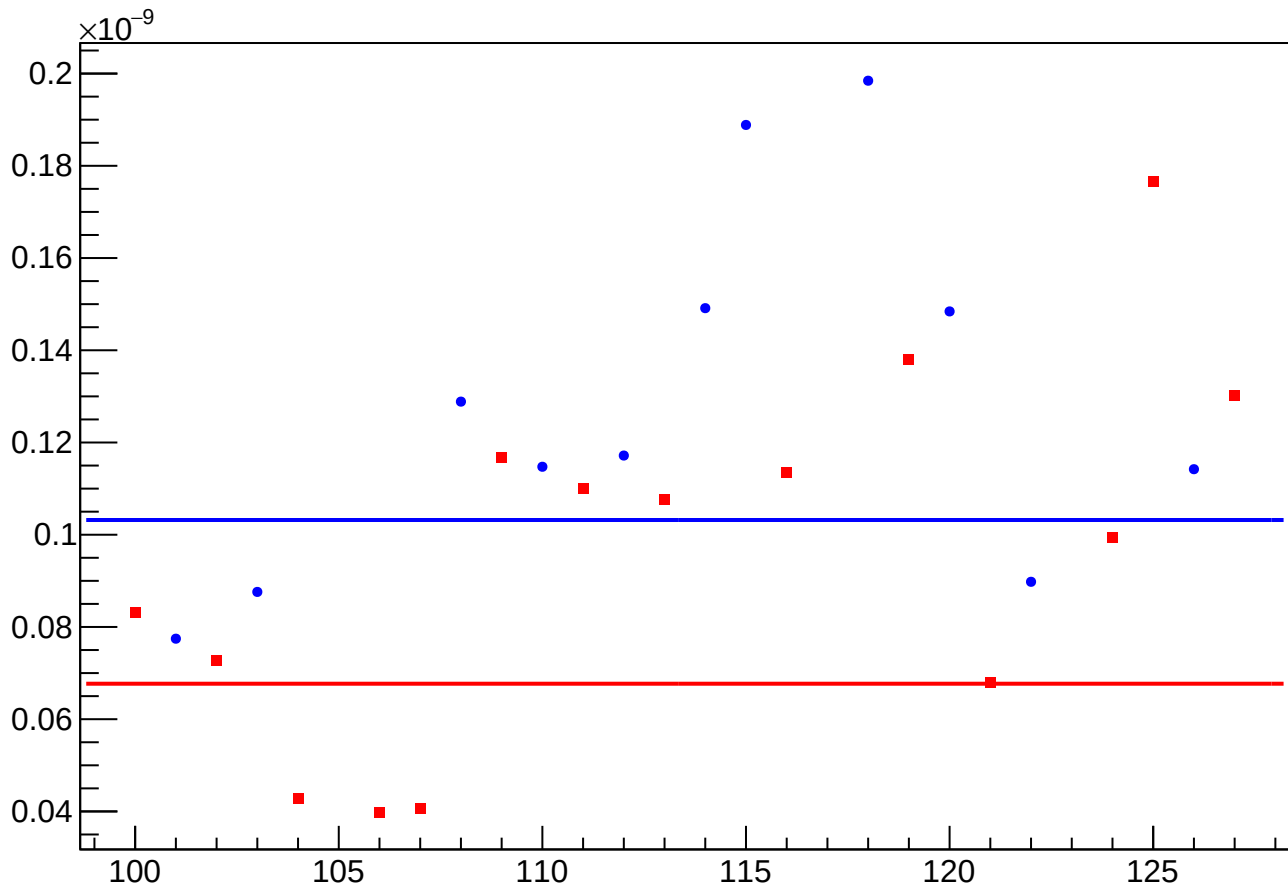
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.5/24

- 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 : 458926.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1348256.0/13

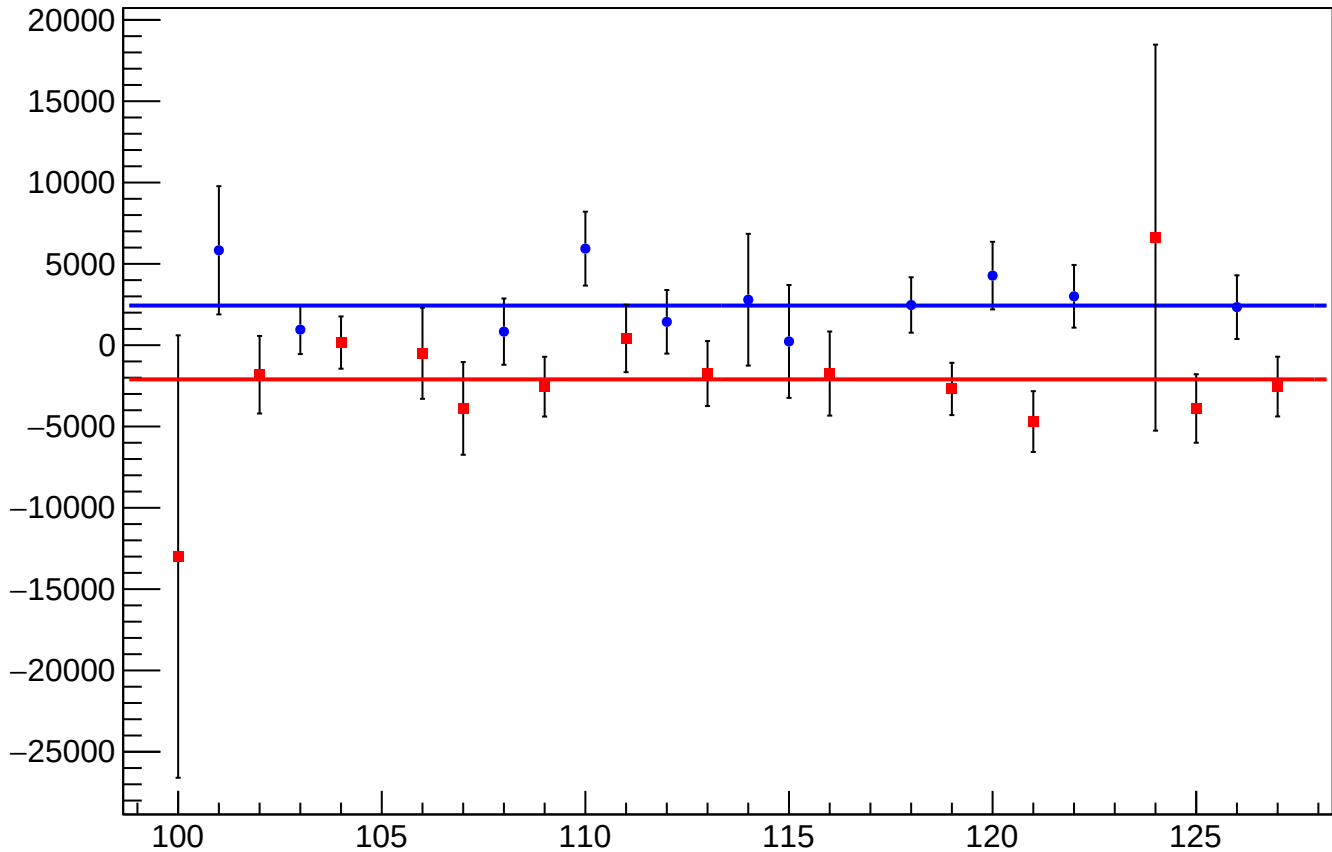
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2270624.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2436.209+/-638.544 χ^2/NDF : 6.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2101.741+/-582.235 χ^2/NDF : 8.3/13

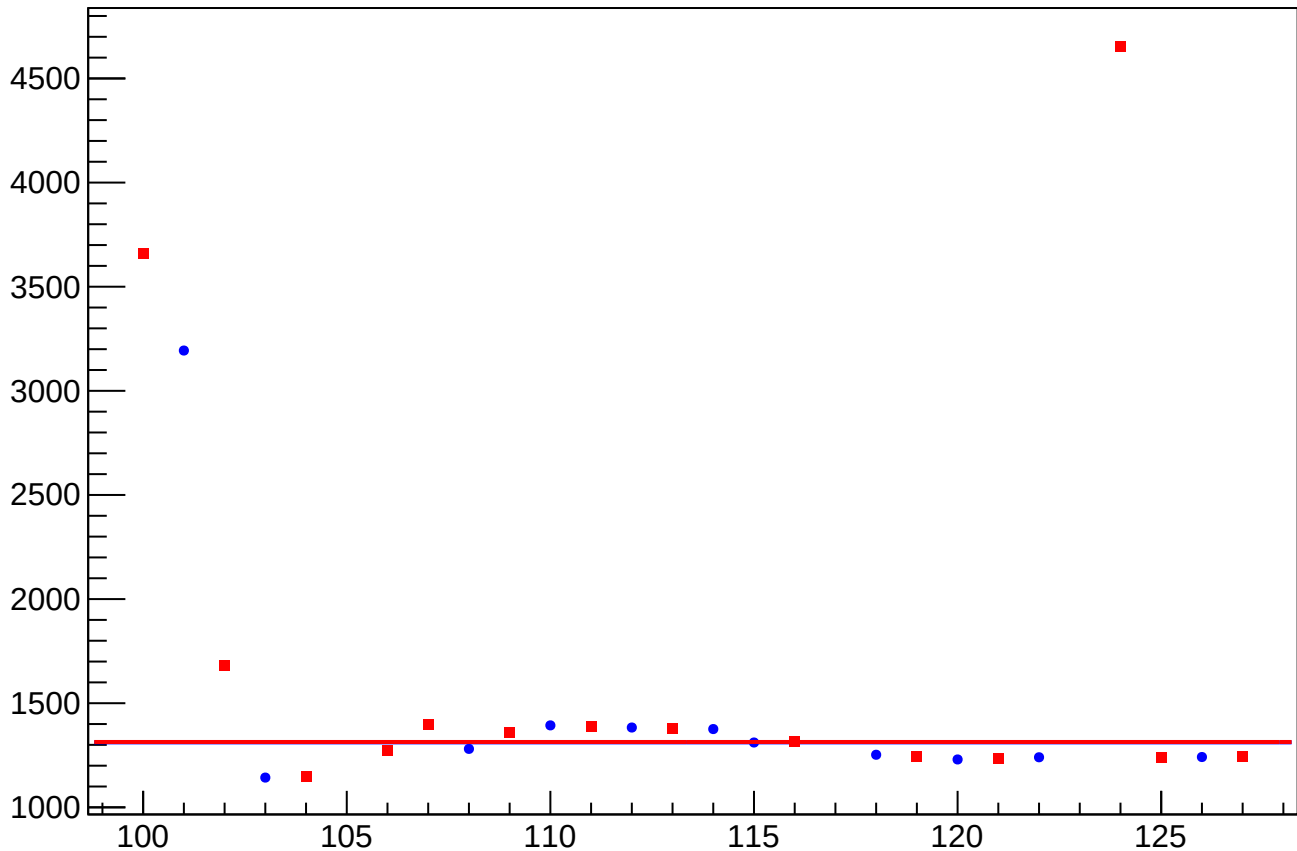
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.638+/-430.235 χ^2/NDF : 42.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1311.954+/-0.452 χ^2/NDF : 497712.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1313.864+/-0.410 χ^2/NDF : 307268.8/13

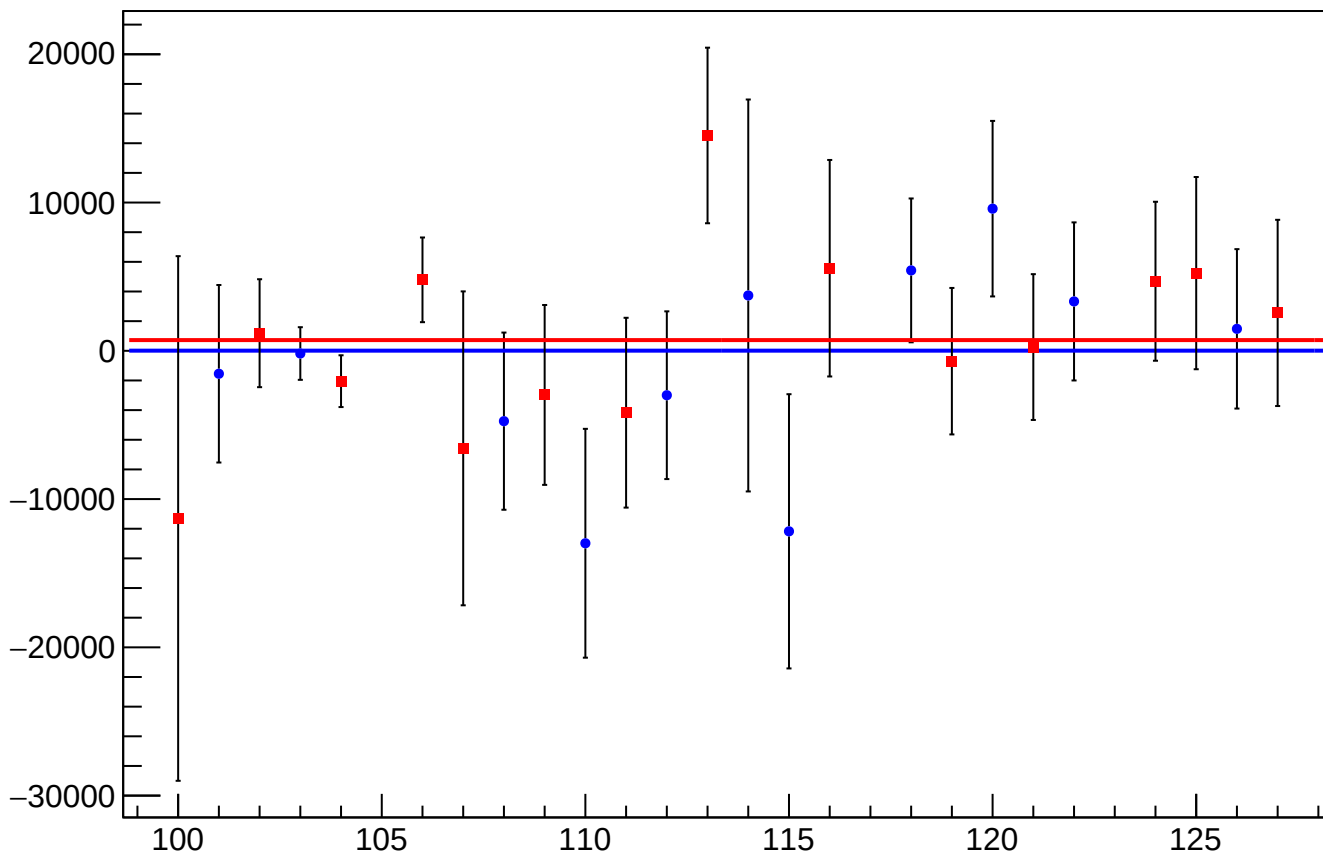
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1313.000+/-0.304 χ^2/NDF : 804991.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_reg_correction_mean vs Slug



Right In: 10.280+/-1313.636 χ^2/NDF : 10.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 722.510+/-1115.707 χ^2/NDF : 13.5/13

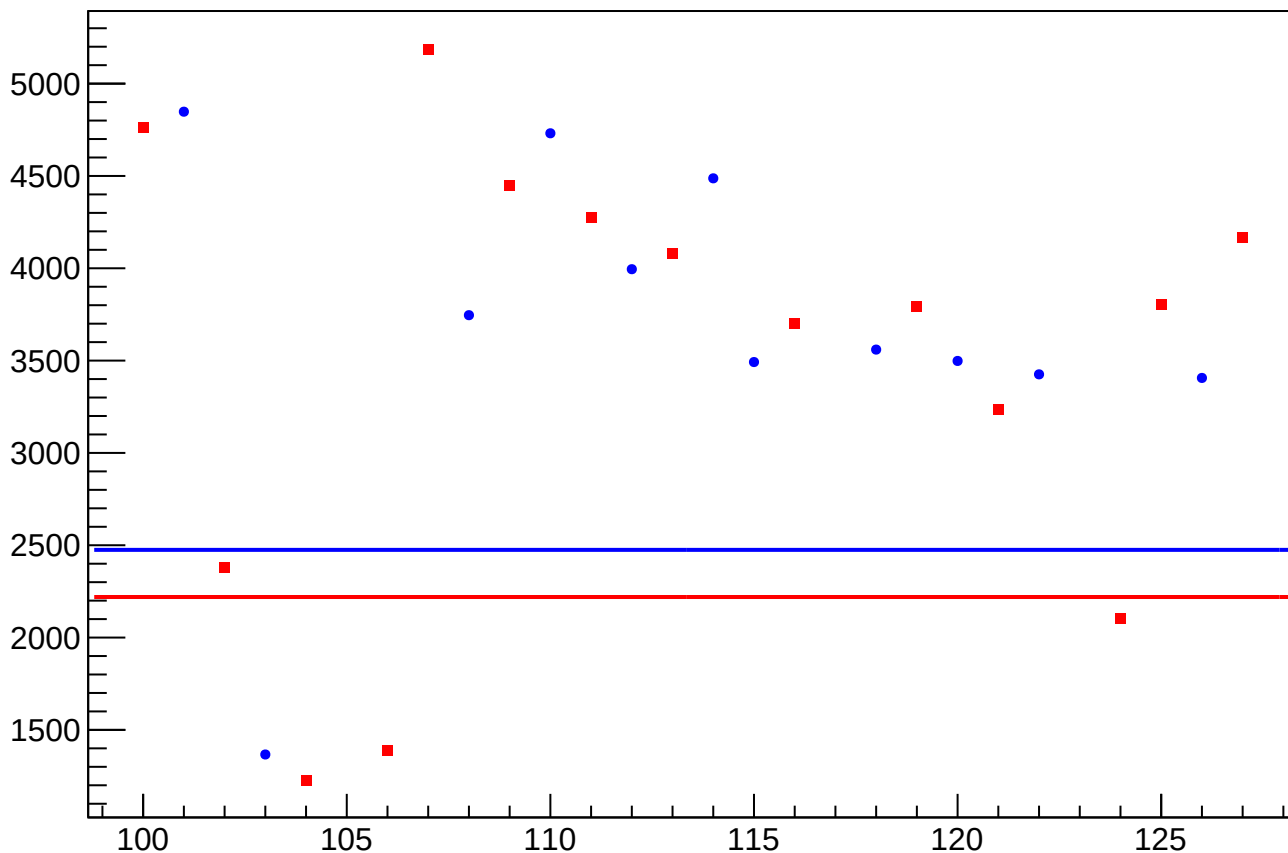
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 424.041+/-850.383 χ^2/NDF : 23.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_reg_correction_rms vs Slug



Right In: 2474.959+/-0.929 χ^2/NDF : 1853460.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2219.658+/-0.789 χ^2/NDF : 2377967.6/13

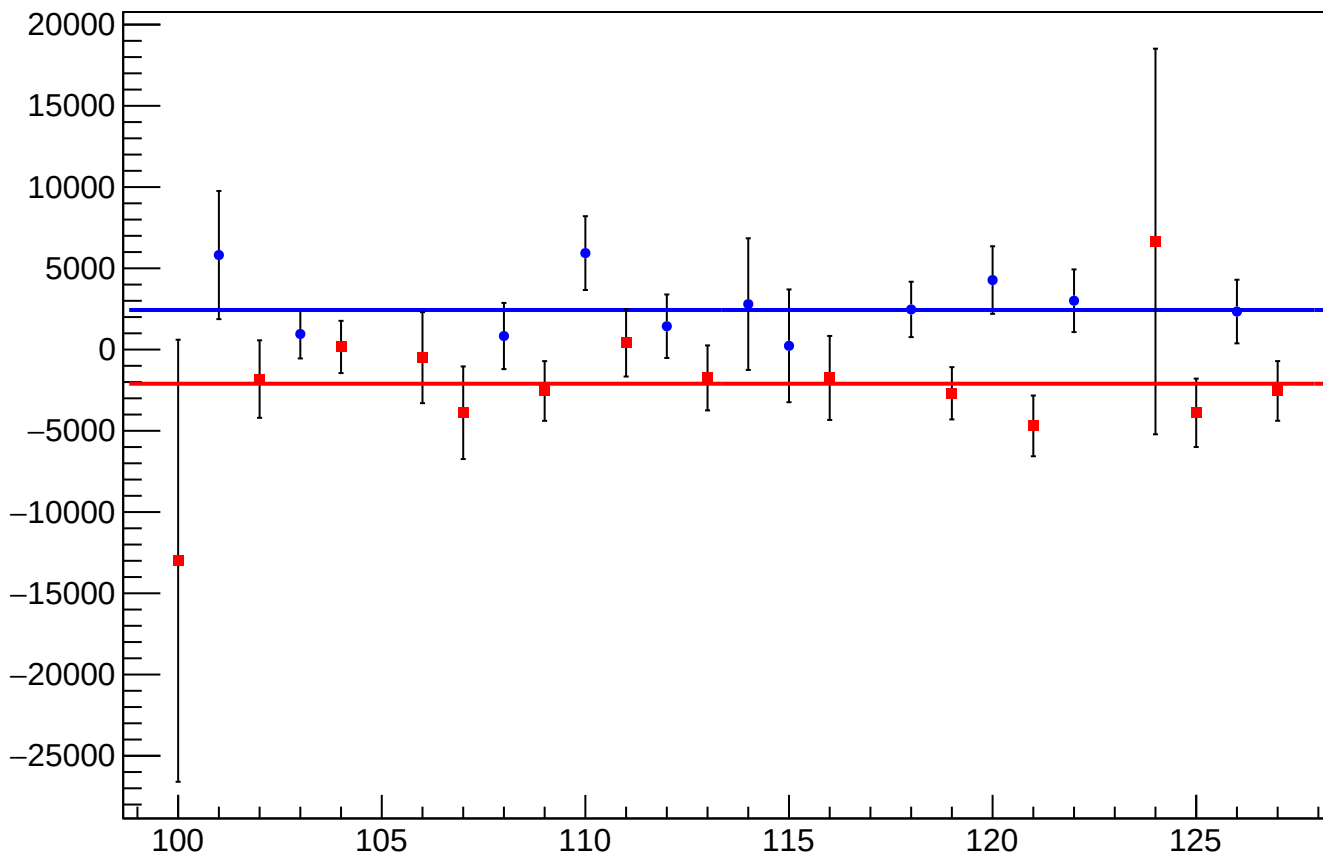
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2326.645+/-0.601 χ^2/NDF : 4275312.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2435.866 $\pm$ 638.544 χ^2 /NDF: 6.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2101.373 $\pm$ 582.235 χ^2 /NDF: 8.3/13

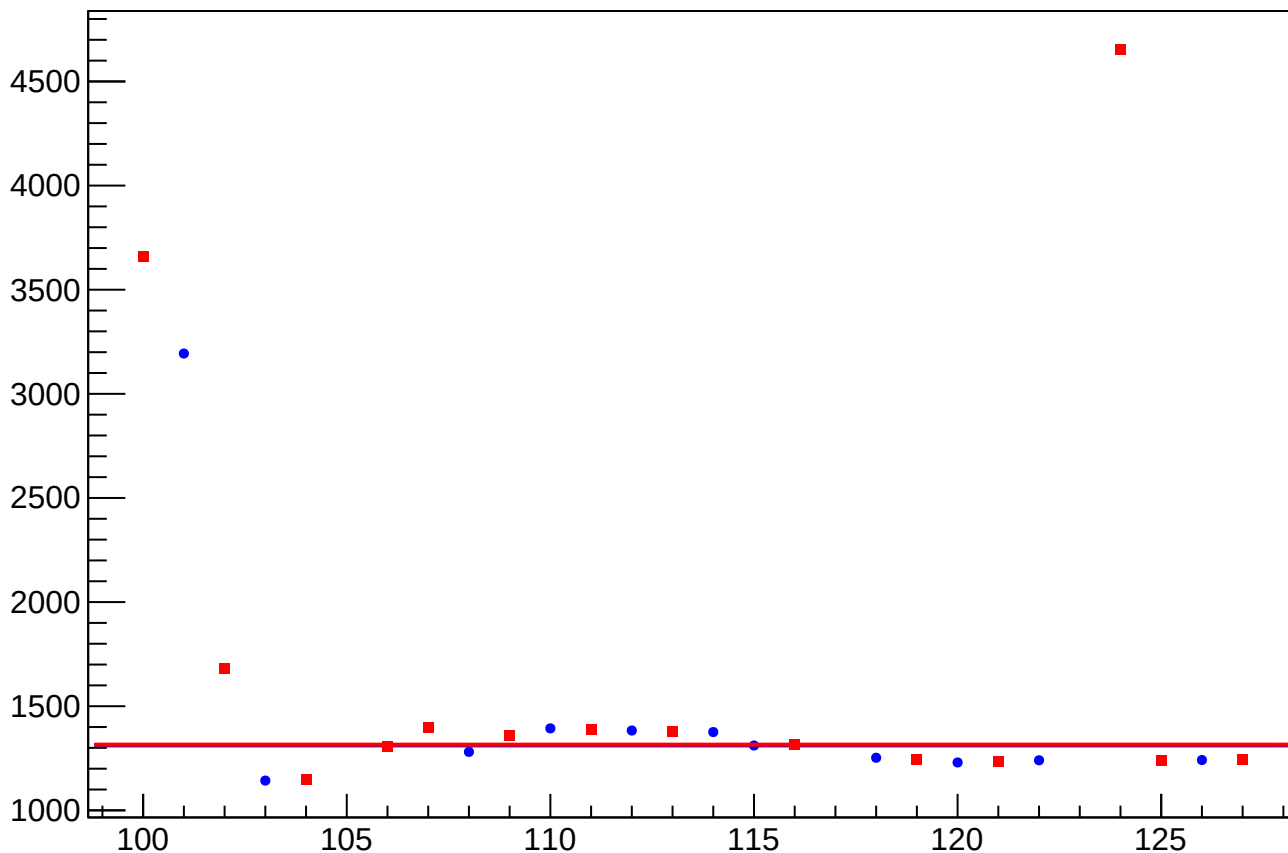
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -41.594 $\pm$ 430.235 χ^2 /NDF: 42.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1311.954+/-0.452 χ^2/NDF : 497714.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1315.421+/-0.411 χ^2/NDF : 306811.2/13

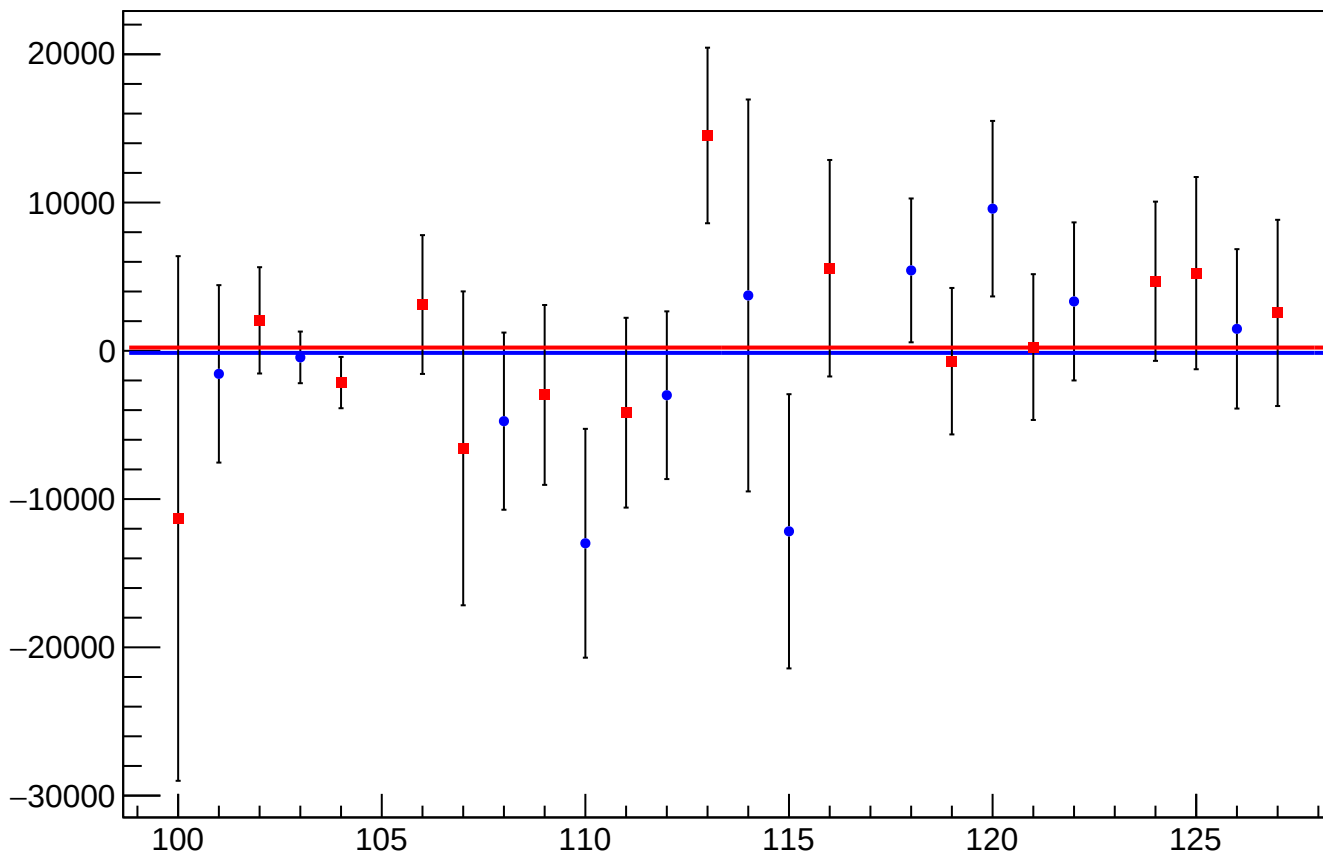
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1313.851+/-0.304 χ^2/NDF : 804557.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_cor_correction_mean vs Slug



Right In: -139.227+/-1299.746 χ^2/NDF : 10.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 219.711+/-1166.603 χ^2/NDF : 11.9/13

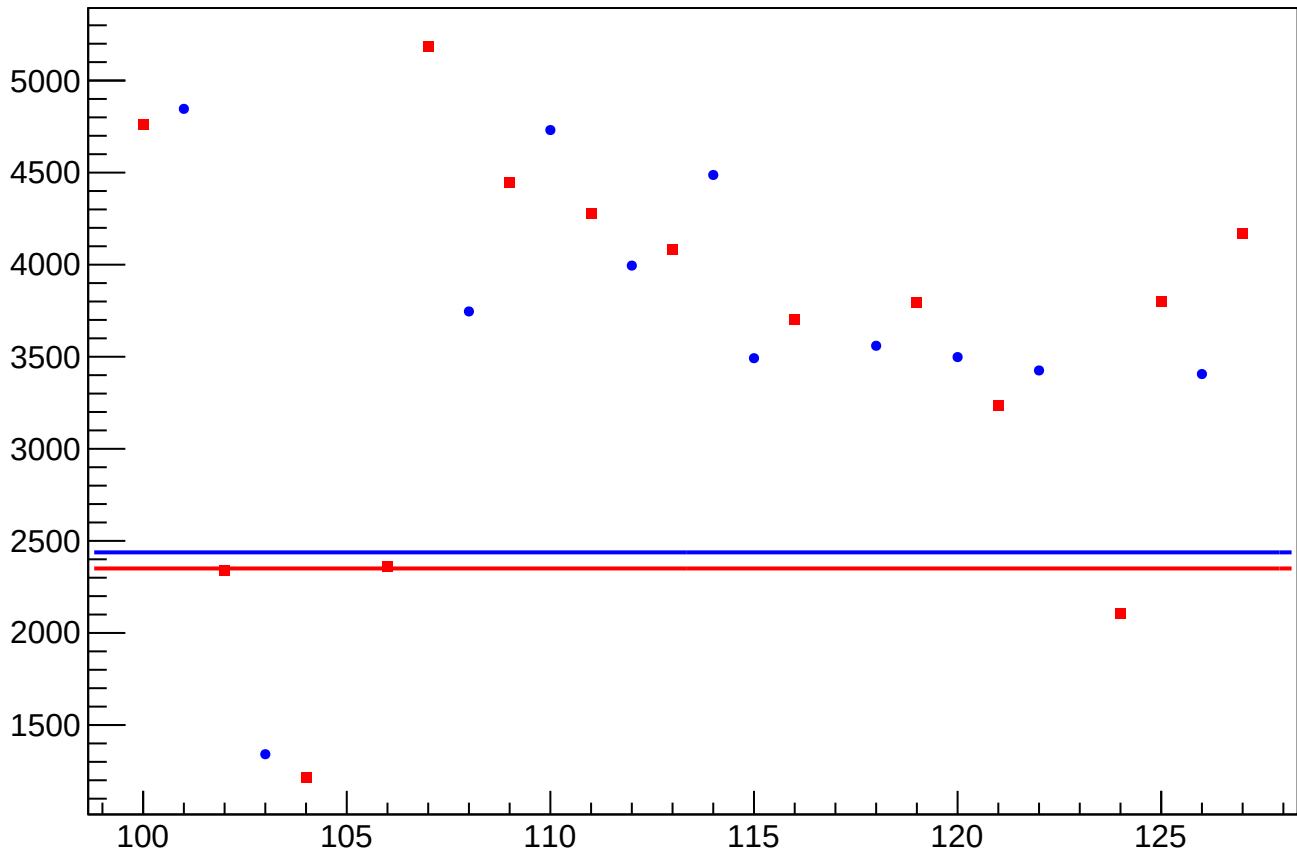
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.563+/-868.181 χ^2/NDF : 22.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_cor_correction_rms vs Slug



Right In: 2437.609+/-0.919 χ^2/NDF : 1919438.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2350.192+/-0.825 χ^2/NDF : 2210591.8/13

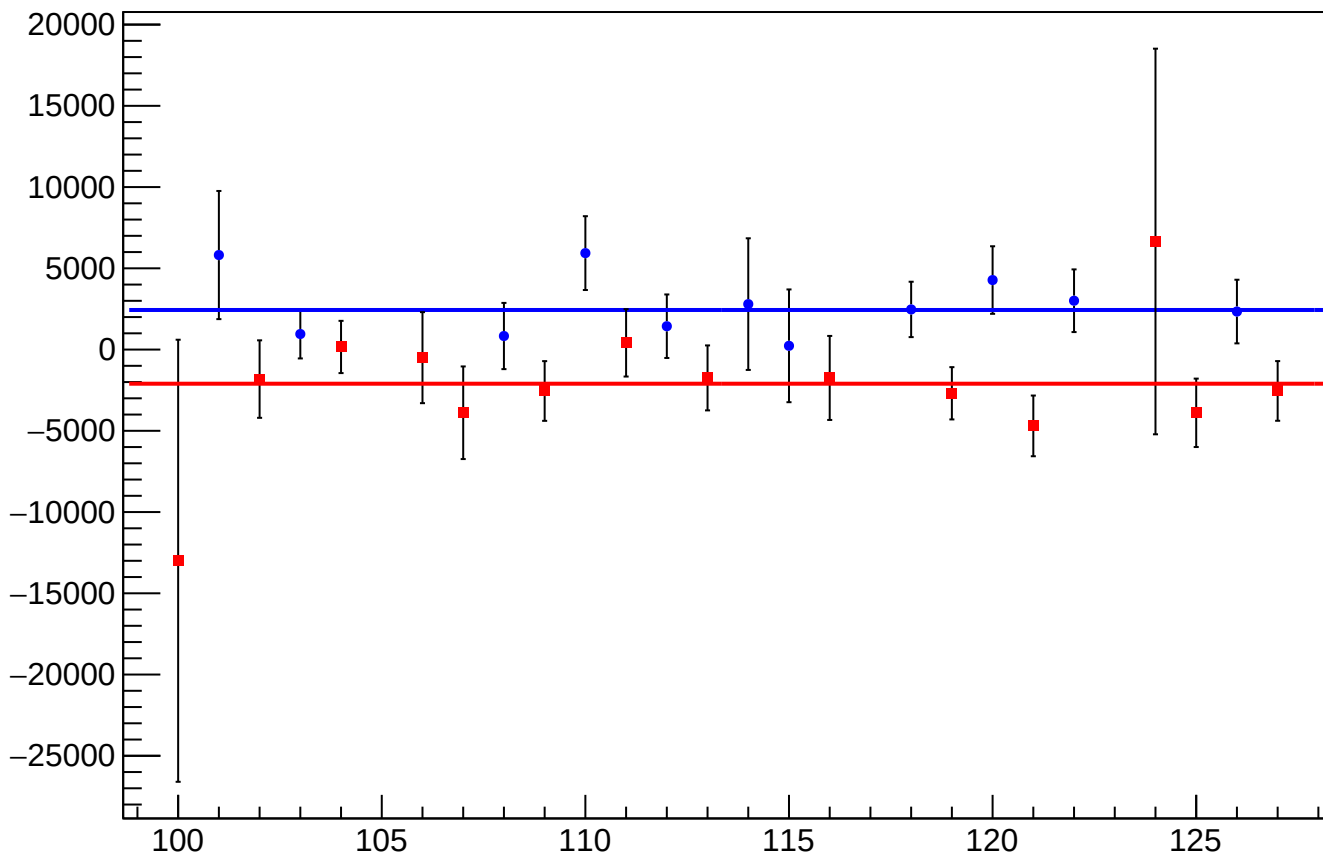
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2389.195+/-0.614 χ^2/NDF : 4135040.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2435.866+/-638.544 χ^2/NDF : 6.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2101.373+/-582.235 χ^2/NDF : 8.3/13

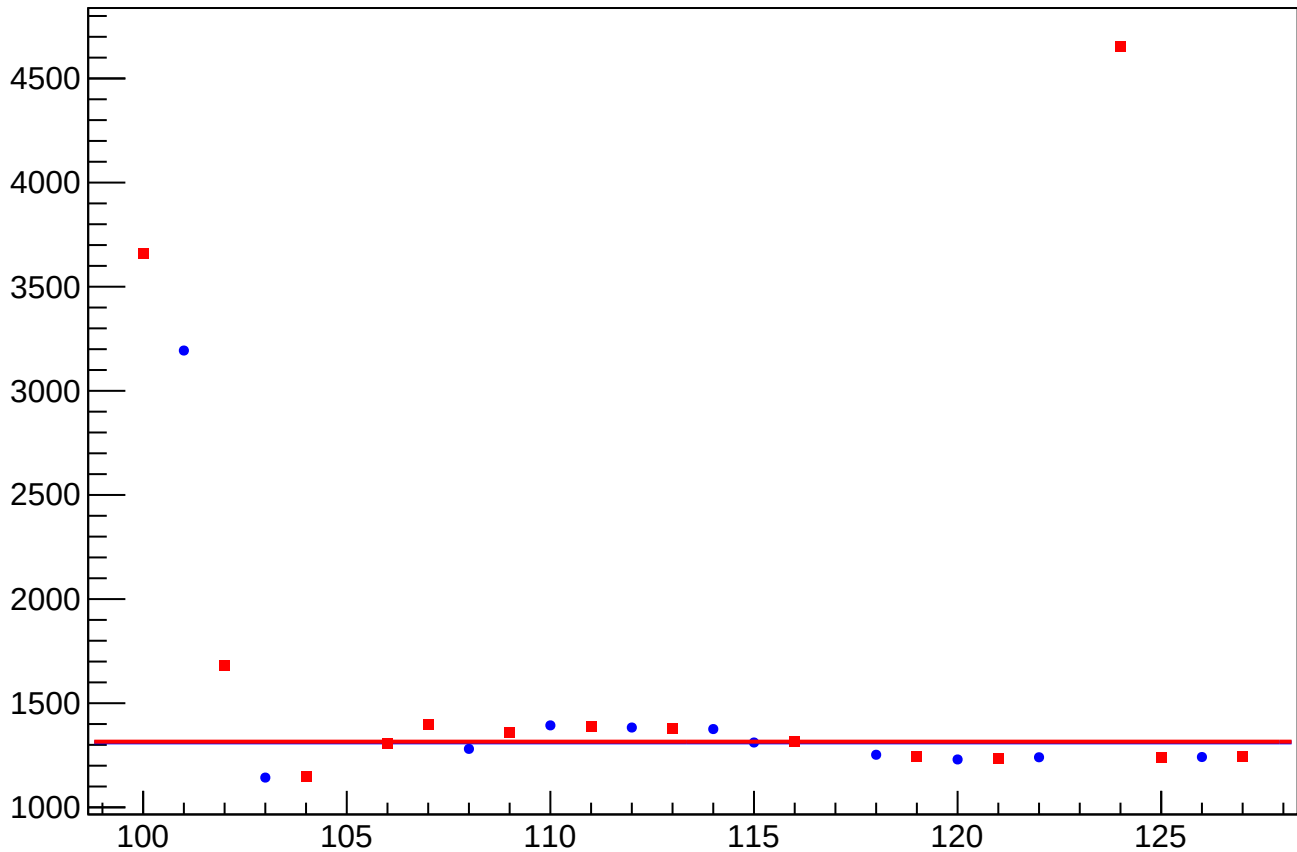
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.594+/-430.235 χ^2/NDF : 42.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1311.954+/-0.452 χ^2/NDF : 497714.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1315.421+/-0.411 χ^2/NDF : 306811.2/13

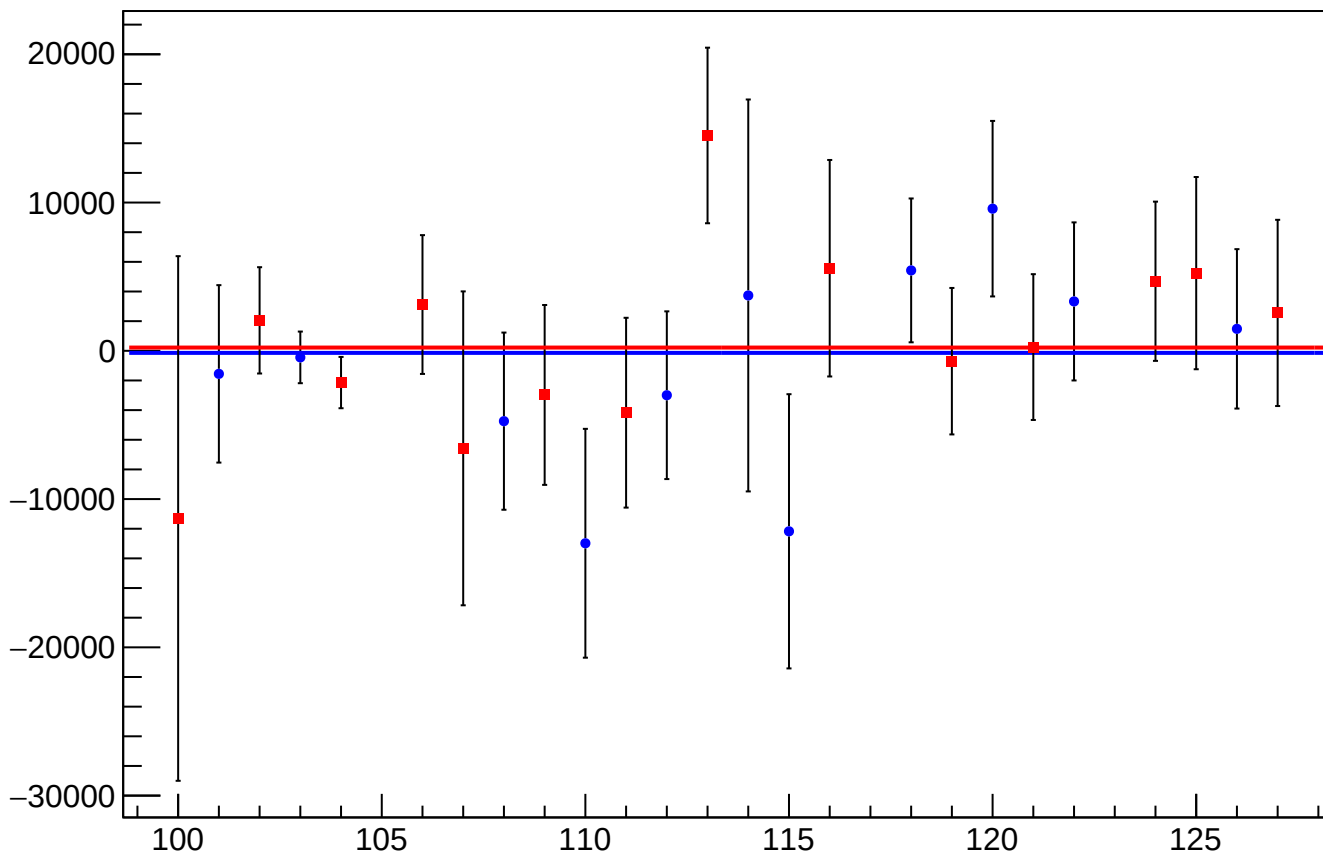
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1313.851+/-0.304 χ^2/NDF : 804557.8/24

- 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: -139.227+/-1299.746 χ^2/NDF : 10.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 219.711+/-1166.603 χ^2/NDF : 11.9/13

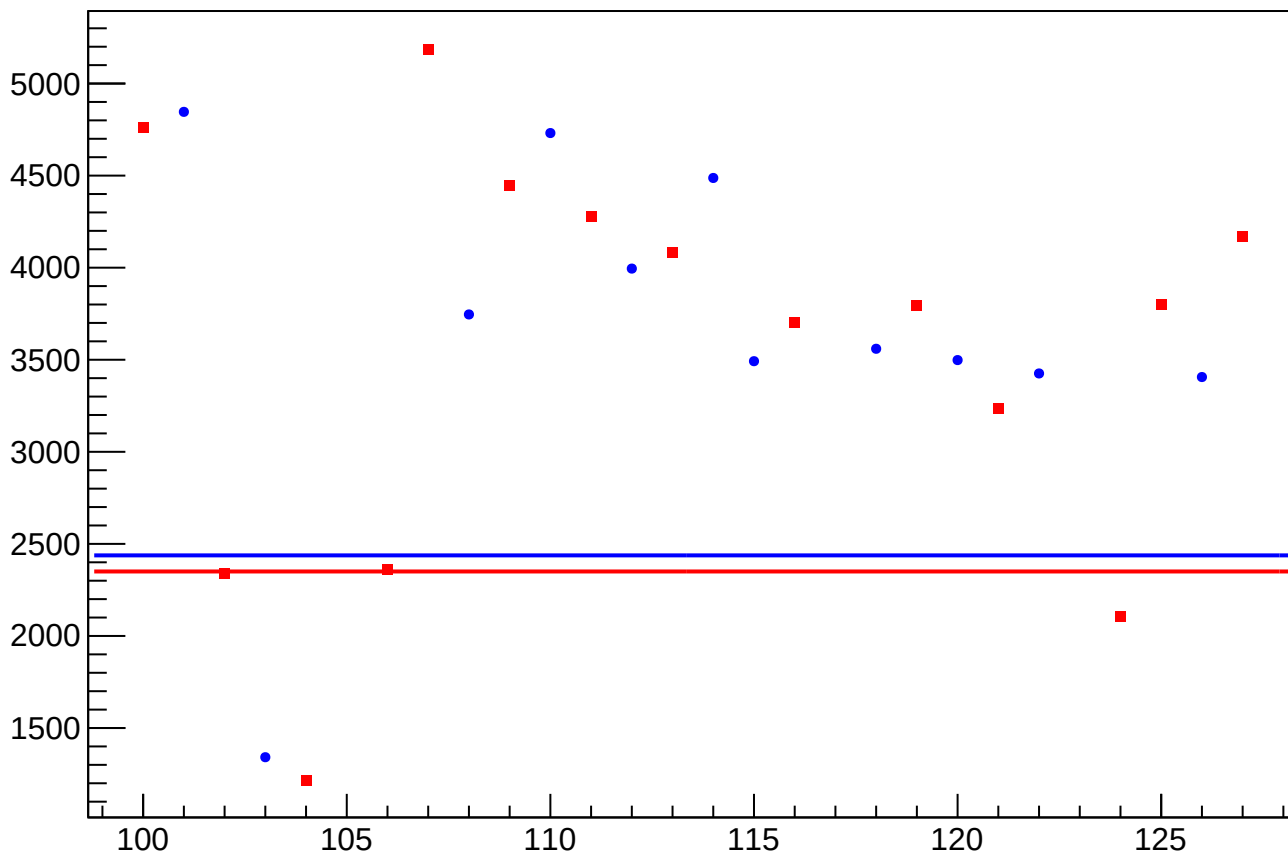
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.563+/-868.181 χ^2/NDF : 22.0/24

- 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: 2437.609+/-0.919 χ^2/NDF : 1919438.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

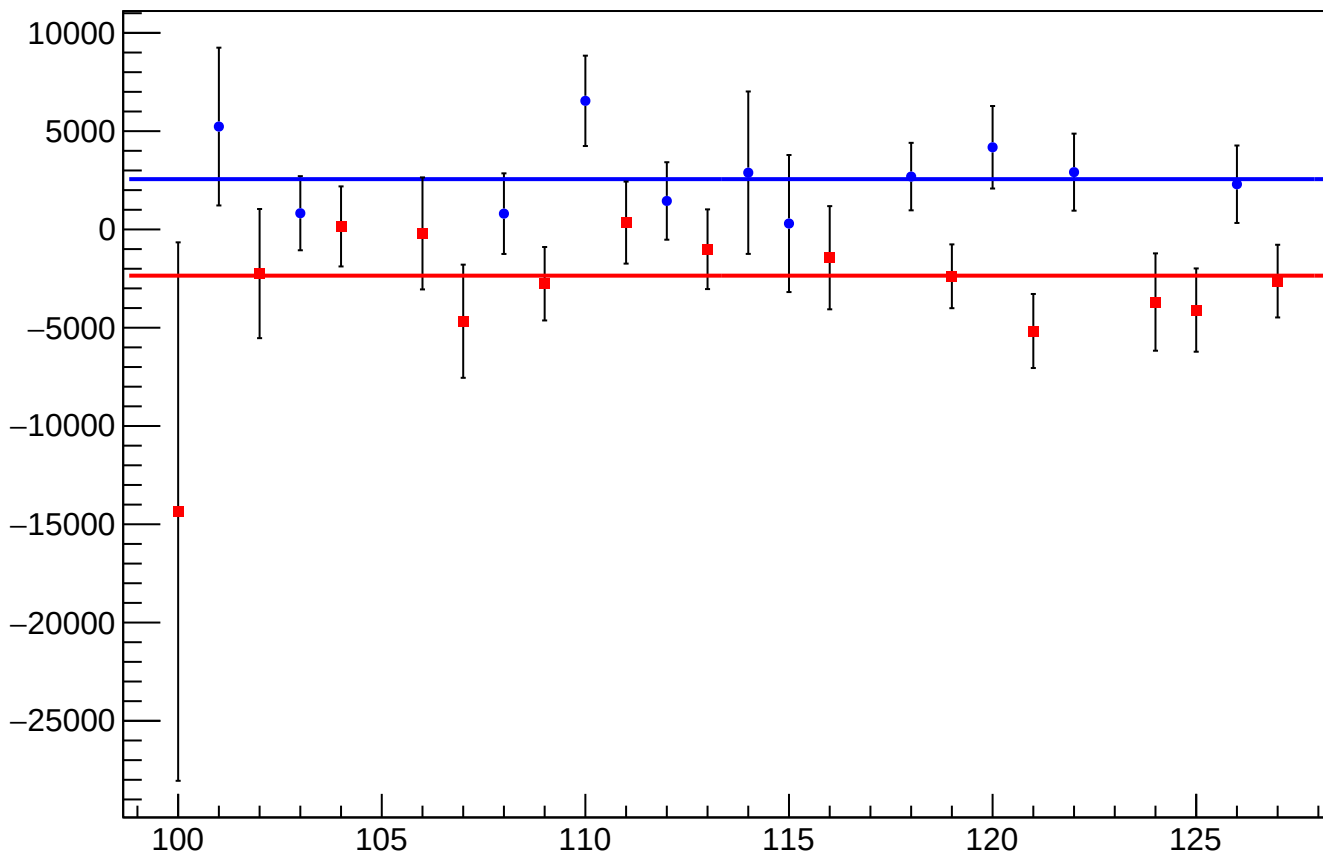
Right Out: 2350.192+/-0.825 χ^2/NDF : 2210591.8/13

All: 2389.195+/-0.614 χ^2/NDF : 4135040.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2559.021+/-666.180 χ^2/NDF : 6.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2351.174+/-594.711 χ^2/NDF : 9.0/13

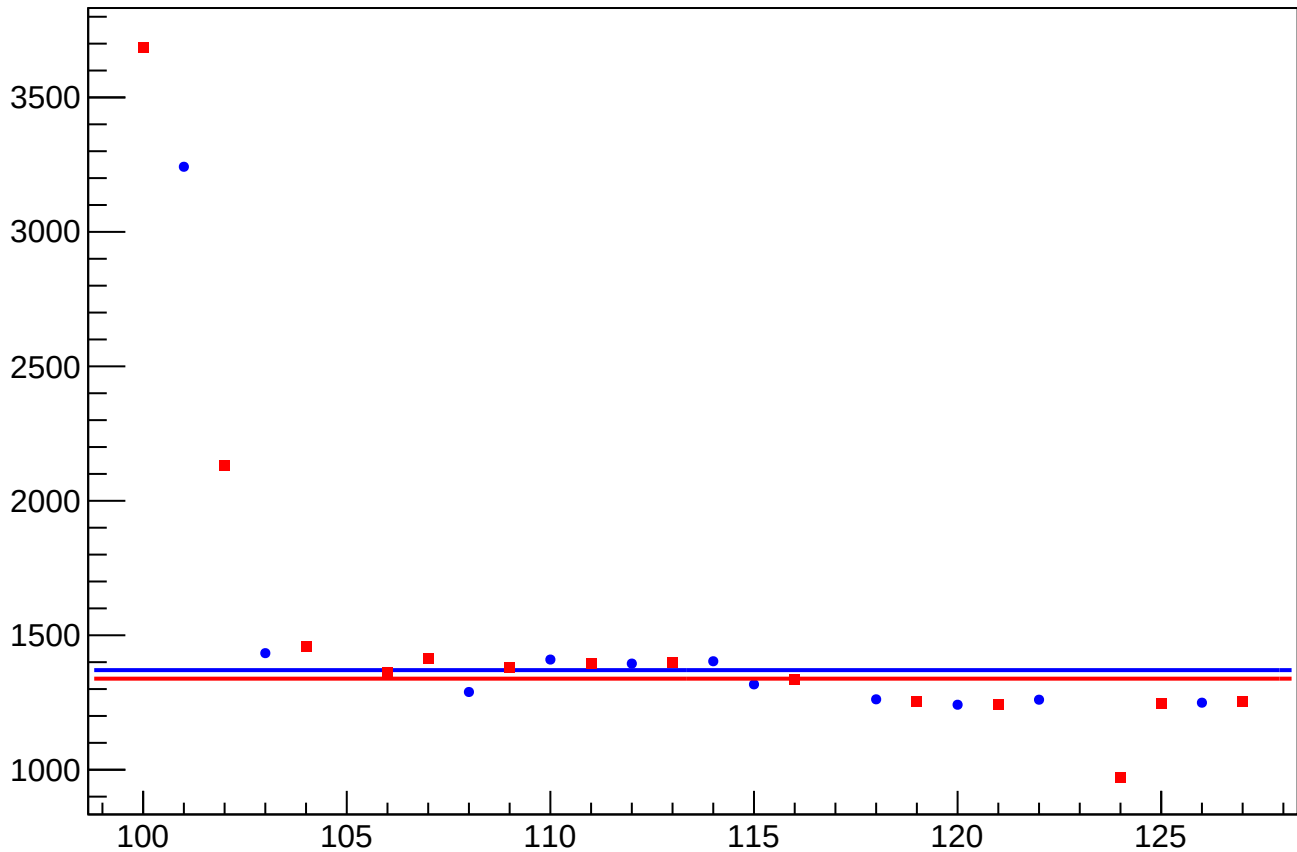
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -173.504+/-443.648 χ^2/NDF : 45.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1370.439+/-0.471 χ^2/NDF : 471137.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1338.691+/-0.420 χ^2/NDF : 250486.2/13

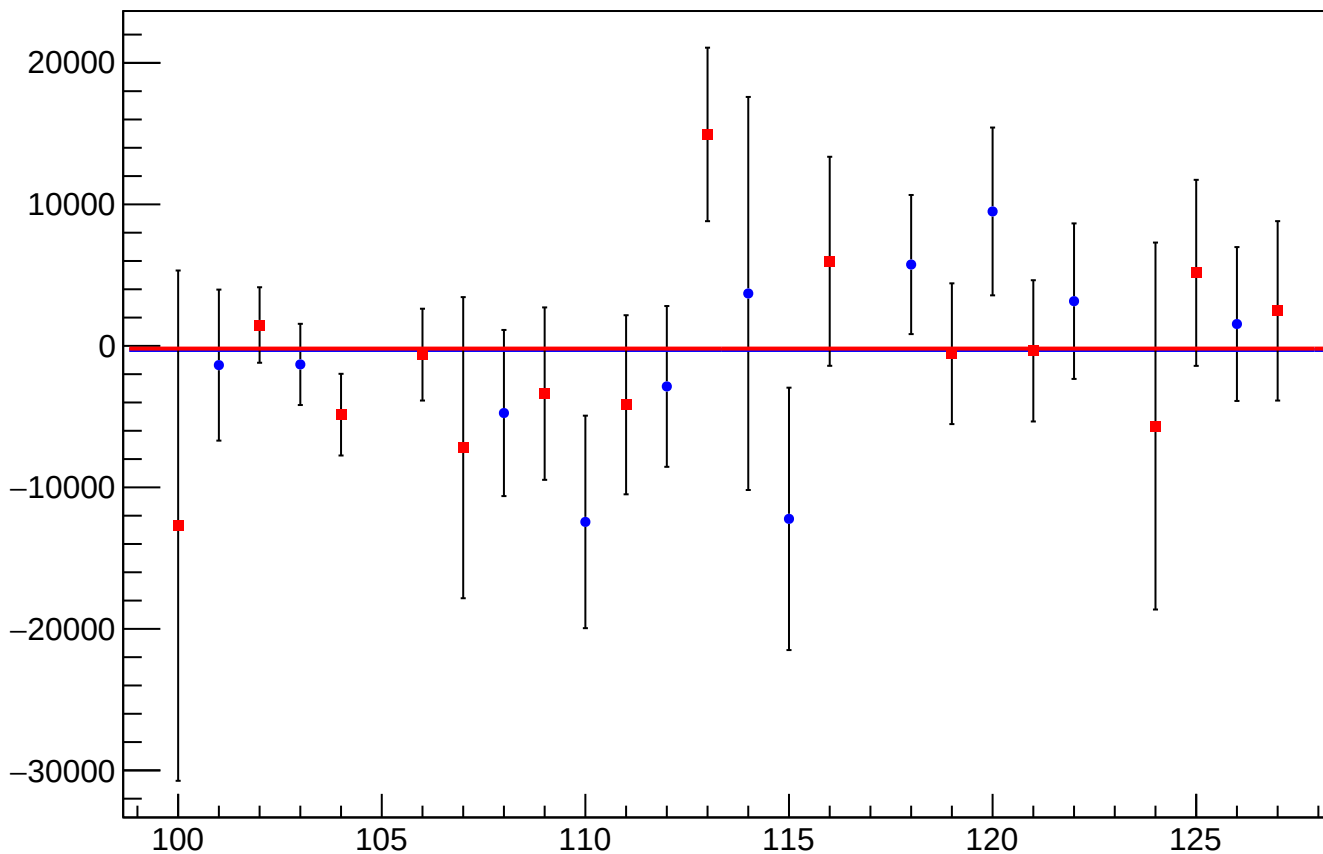
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1352.757+/-0.314 χ^2/NDF : 724153.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_dit_correction_mean vs Slug



Right In: -288.671+/-1605.688 χ^2/NDF : 10.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -190.975+/-1292.327 χ^2/NDF : 12.4/13

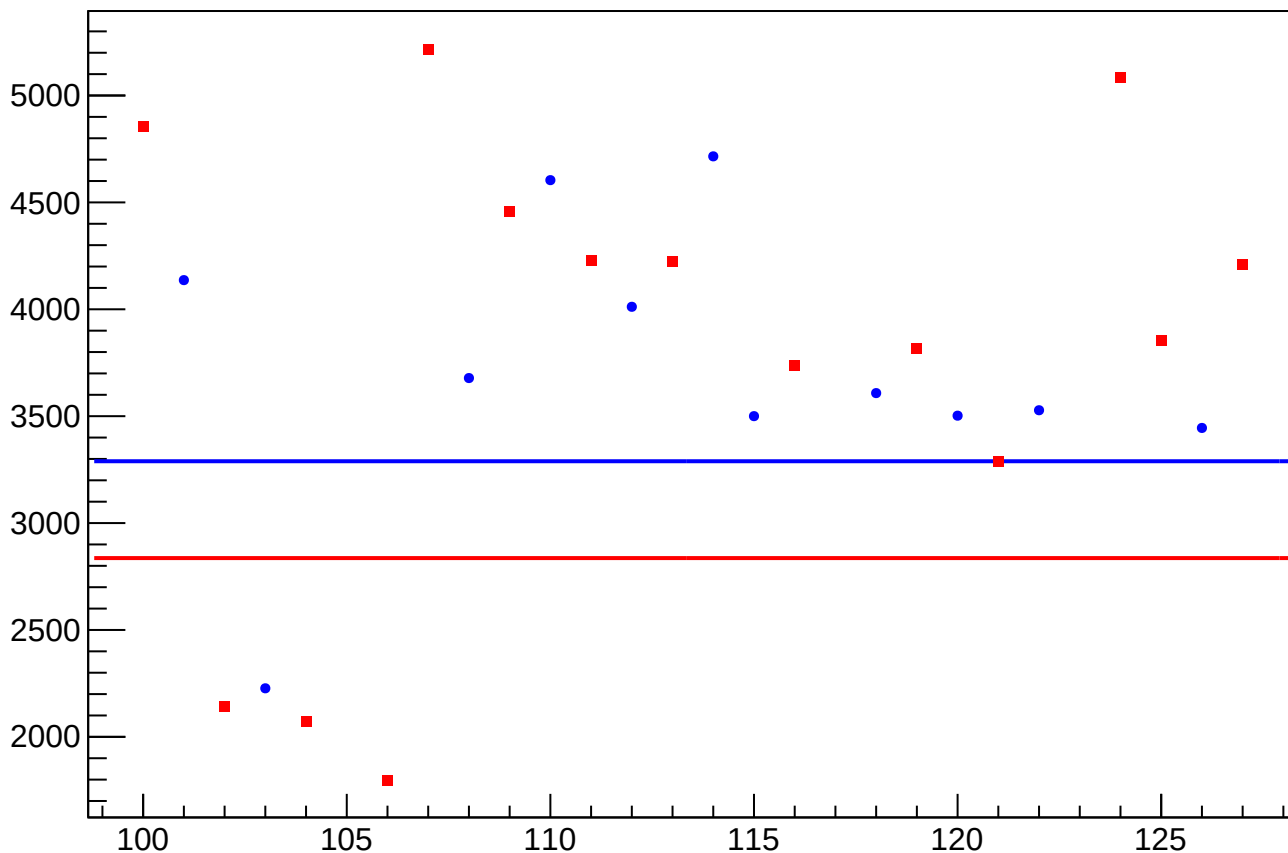
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -229.381+/-1006.755 χ^2/NDF : 22.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_dit_correction_rms vs Slug



Right In: 3289.231+/-1.135 χ^2/NDF : 465419.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

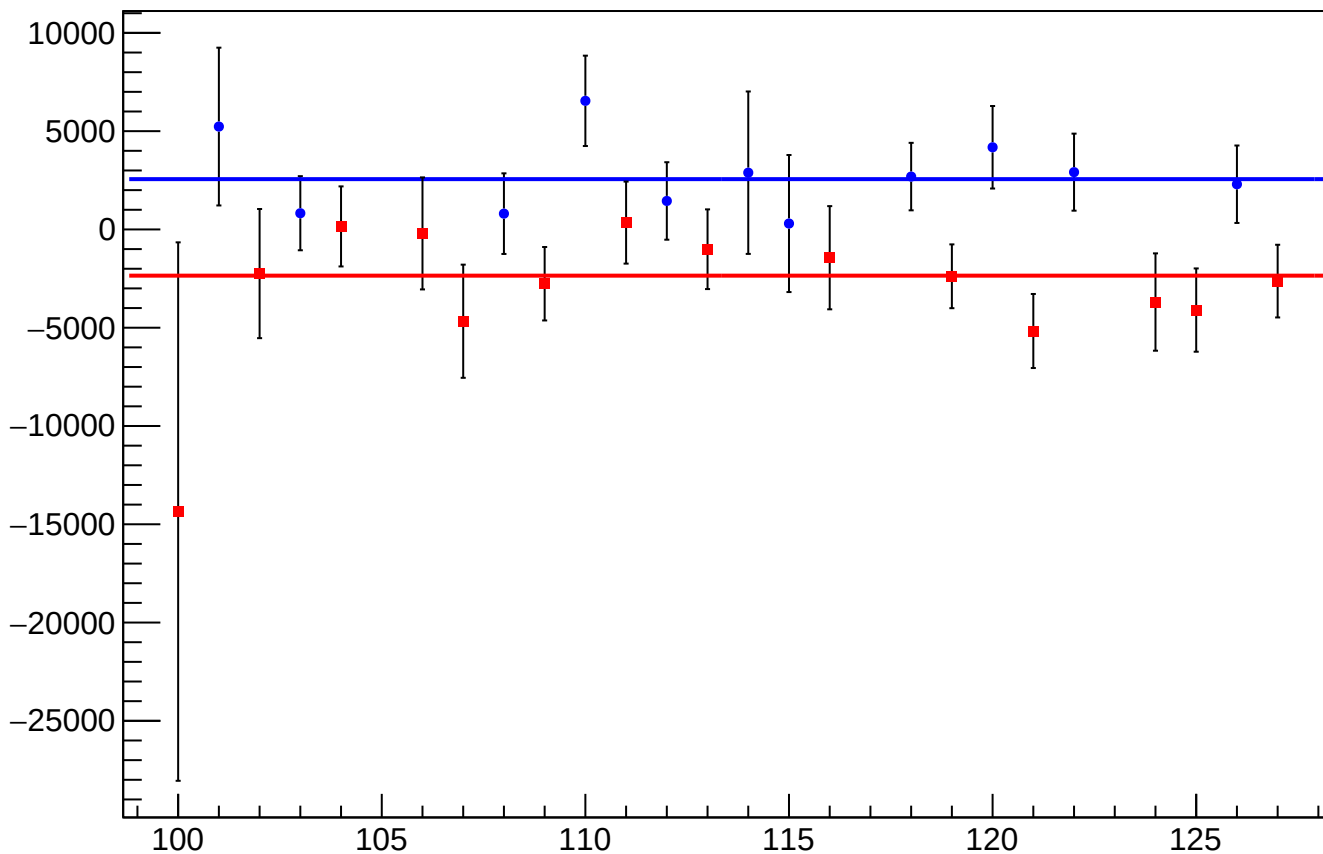
Right Out: 2836.226+/-0.914 χ^2/NDF : 1272024.8/13

All: 3014.311+/-0.712 χ^2/NDF : 1834052.4/24

- 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_avg_atr_avg_avg_mean vs Slug



Right In: 2559.014+/-666.180 χ^2/NDF : 6.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2351.178+/-594.711 χ^2/NDF : 9.0/13

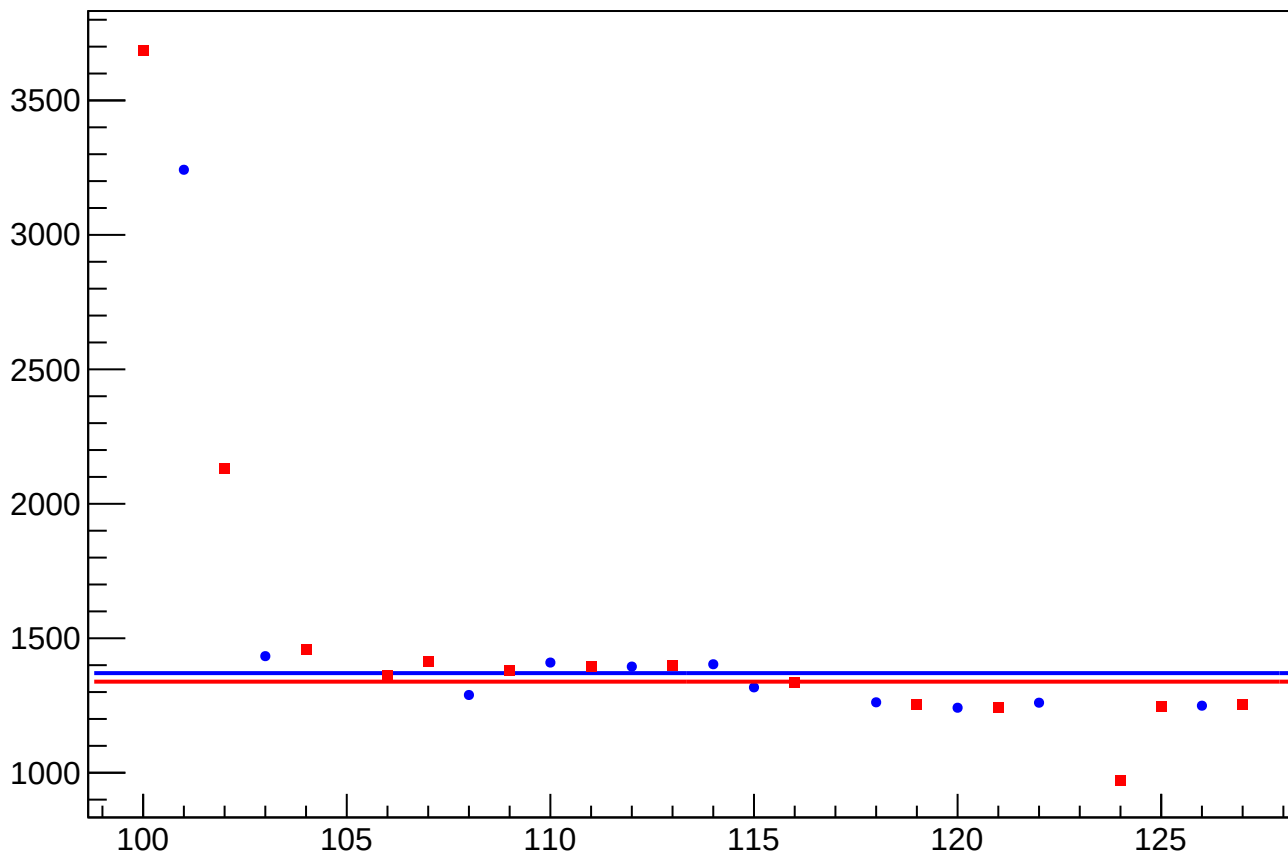
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -173.509+/-443.648 χ^2/NDF : 45.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1370.438+/-0.471 χ^2/NDF : 471137.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1338.690+/-0.420 χ^2/NDF : 250485.3/13

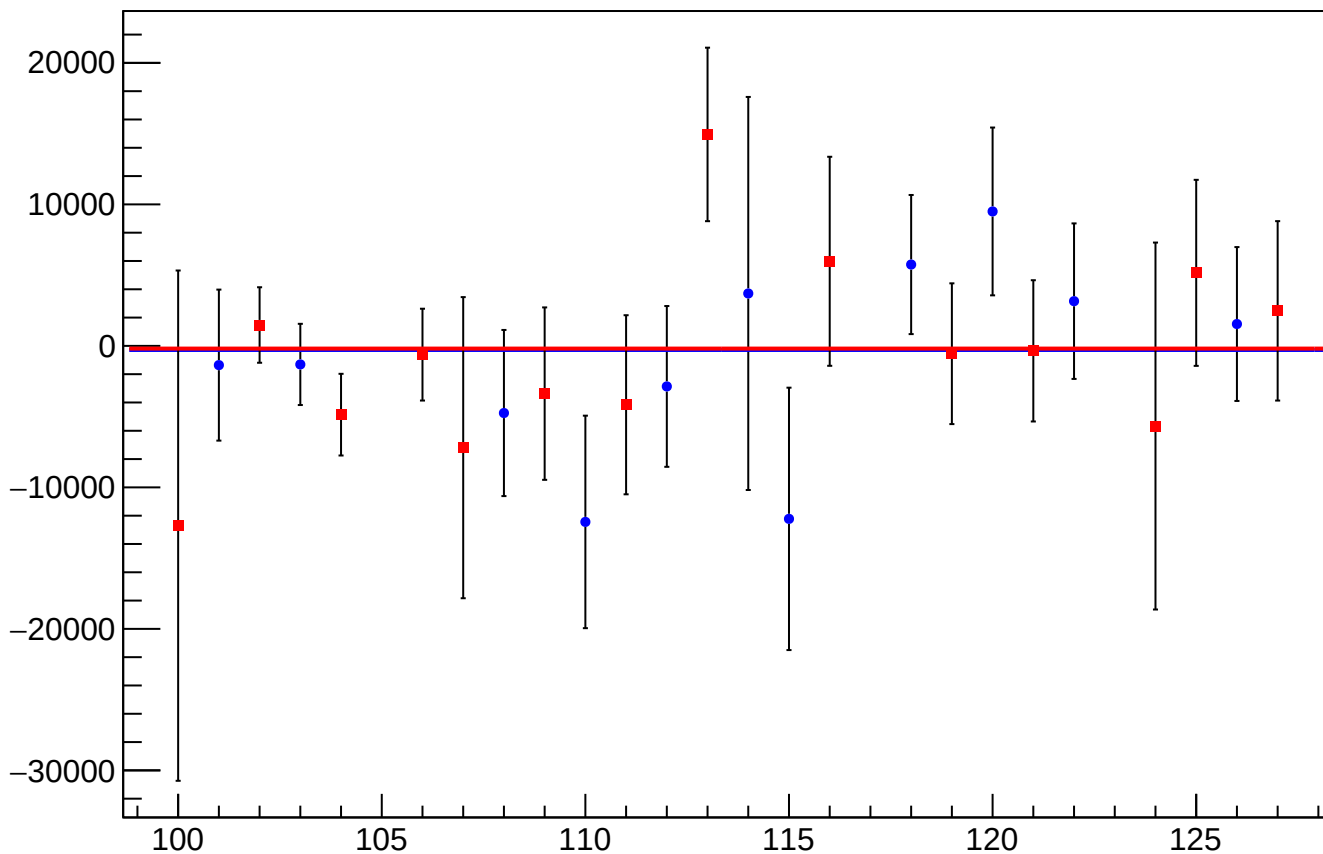
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1352.757+/-0.314 χ^2/NDF : 724152.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_correction_mean vs Slug



Right In: -288.667+/-1605.683 χ^2/NDF : 10.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -190.976+/-1292.323 χ^2/NDF : 12.4/13

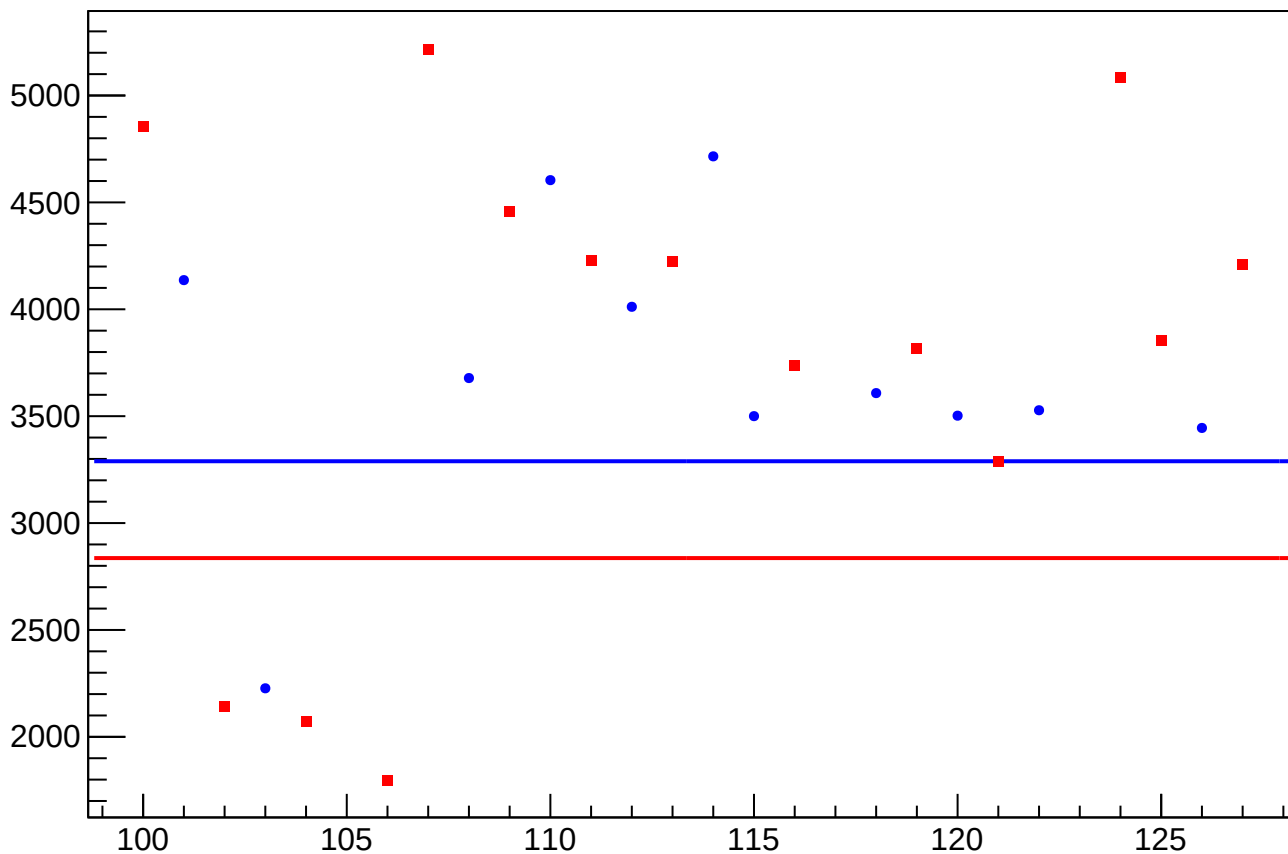
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -229.380+/-1006.752 χ^2/NDF : 22.5/24

- 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: 3289.221+/-1.135 χ^2/NDF : 465418.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

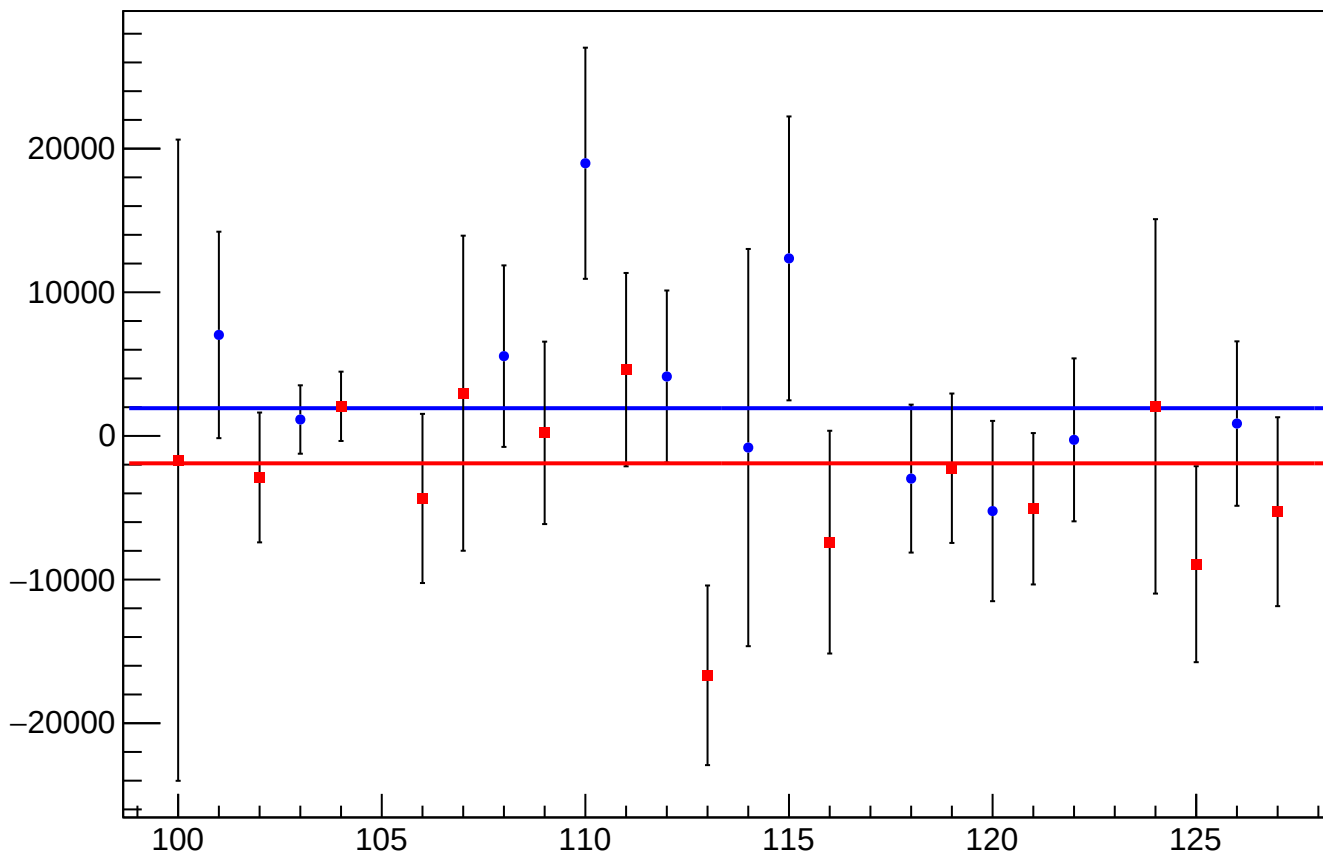
Right Out: 2836.218+/-0.914 χ^2/NDF : 1272025.1/13

All: 3014.303+/-0.712 χ^2/NDF : 1834051.7/24

- 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_avg_mean vs Slug



Right In: 1931.014+/-1572.754 χ^2/NDF : 9.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1907.496+/-1454.824 χ^2/NDF : 12.0/13

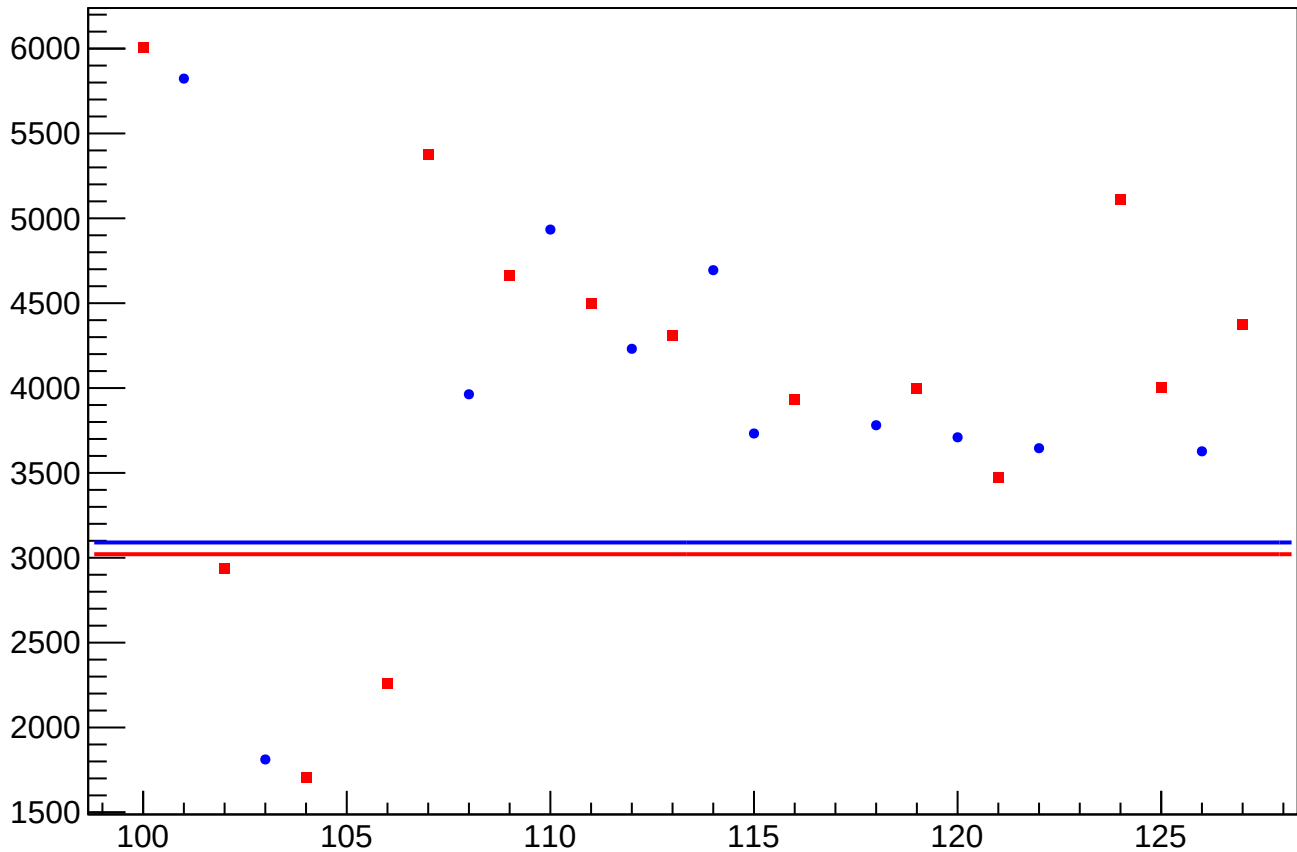
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -137.532+/-1067.977 χ^2/NDF : 24.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 3090.213+/-1.112 χ^2/NDF : 1209180.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3020.966+/-1.012 χ^2/NDF : 1380481.7/13

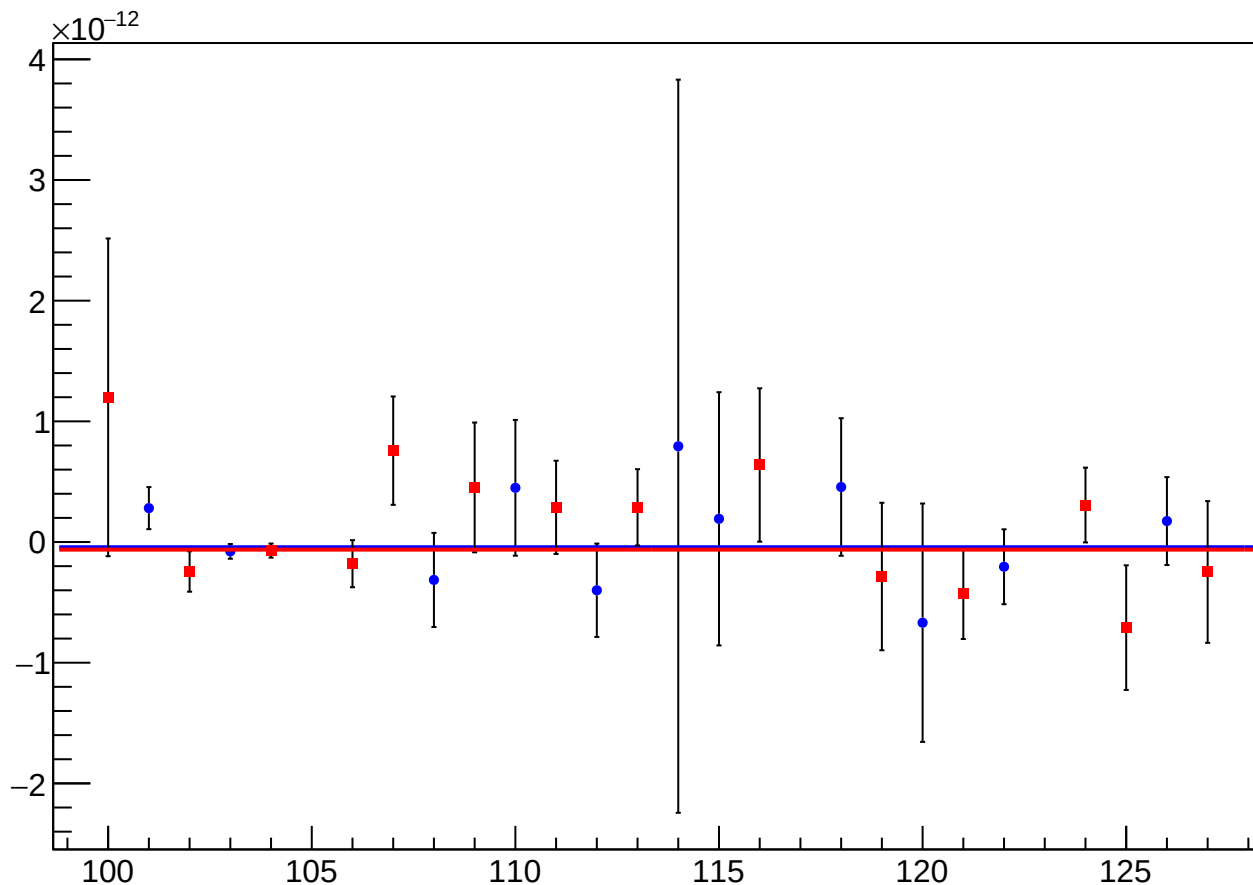
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3052.338+/-0.749 χ^2/NDF : 2591782.9/24

- 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 : 7.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.2/13

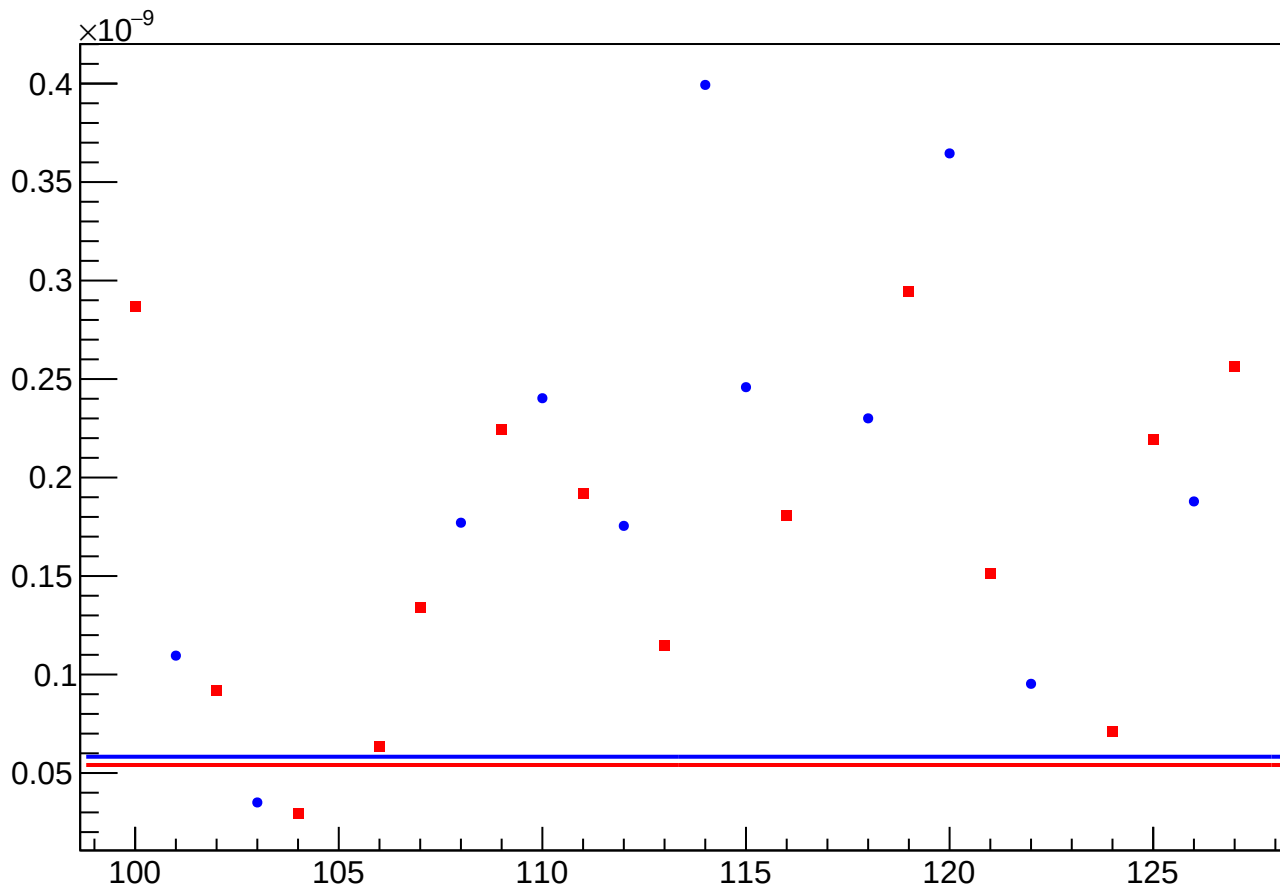
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.0/24

- 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 : 1786490.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2091066.1/13

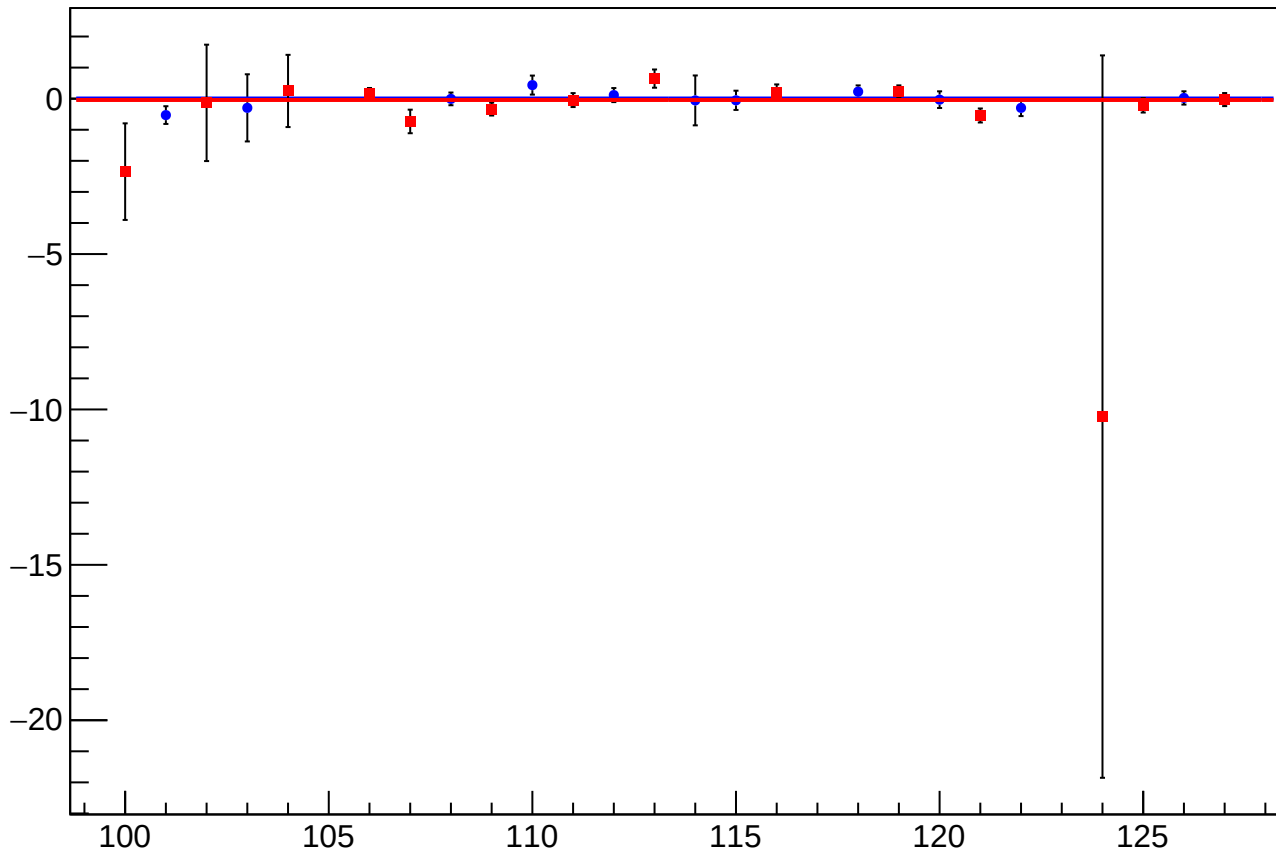
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3884123.4/24

- 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: 0.005 $\pm$ 0.081 χ^2 /NDF: 8.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.042 $\pm$ 0.071 χ^2 /NDF: 23.6/13

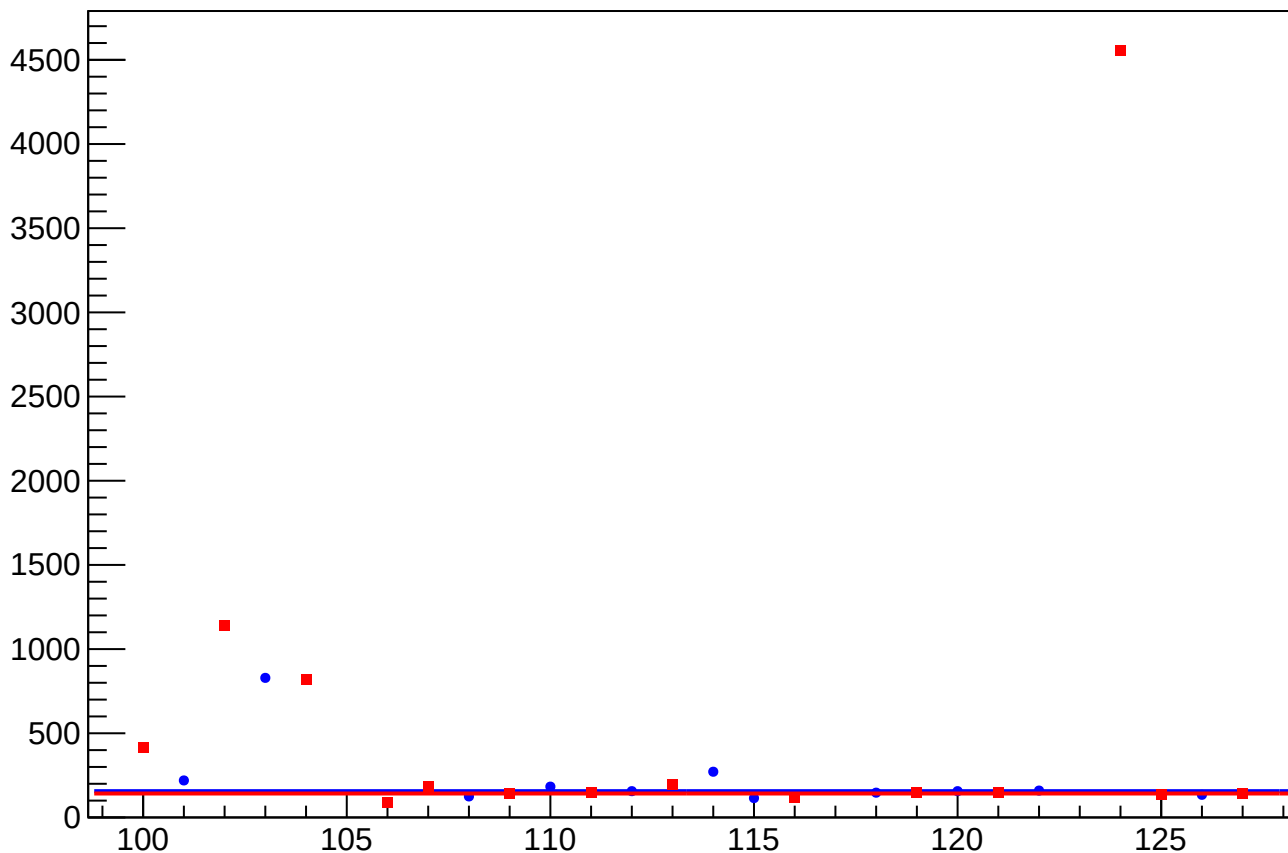
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.021 $\pm$ 0.053 χ^2 /NDF: 32.1/24

- 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: 156.216+/-0.057 χ^2/NDF : 1039012.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.245+/-0.051 χ^2/NDF : 1873286.7/13

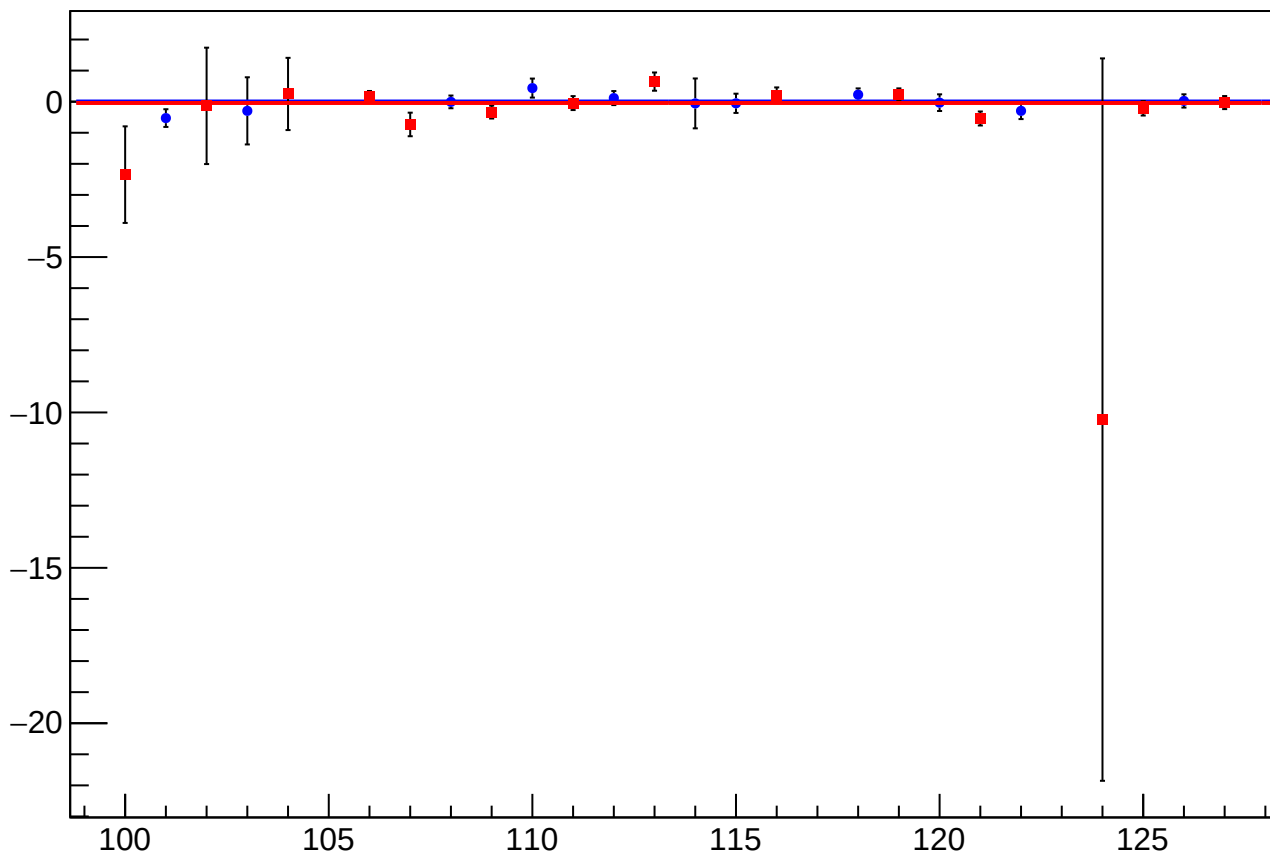
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.397+/-0.038 χ^2/NDF : 2945973.8/24

- 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: 0.005 $\pm$ 0.081 χ^2/NDF : 8.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.042 $\pm$ 0.071 χ^2/NDF : 23.6/13

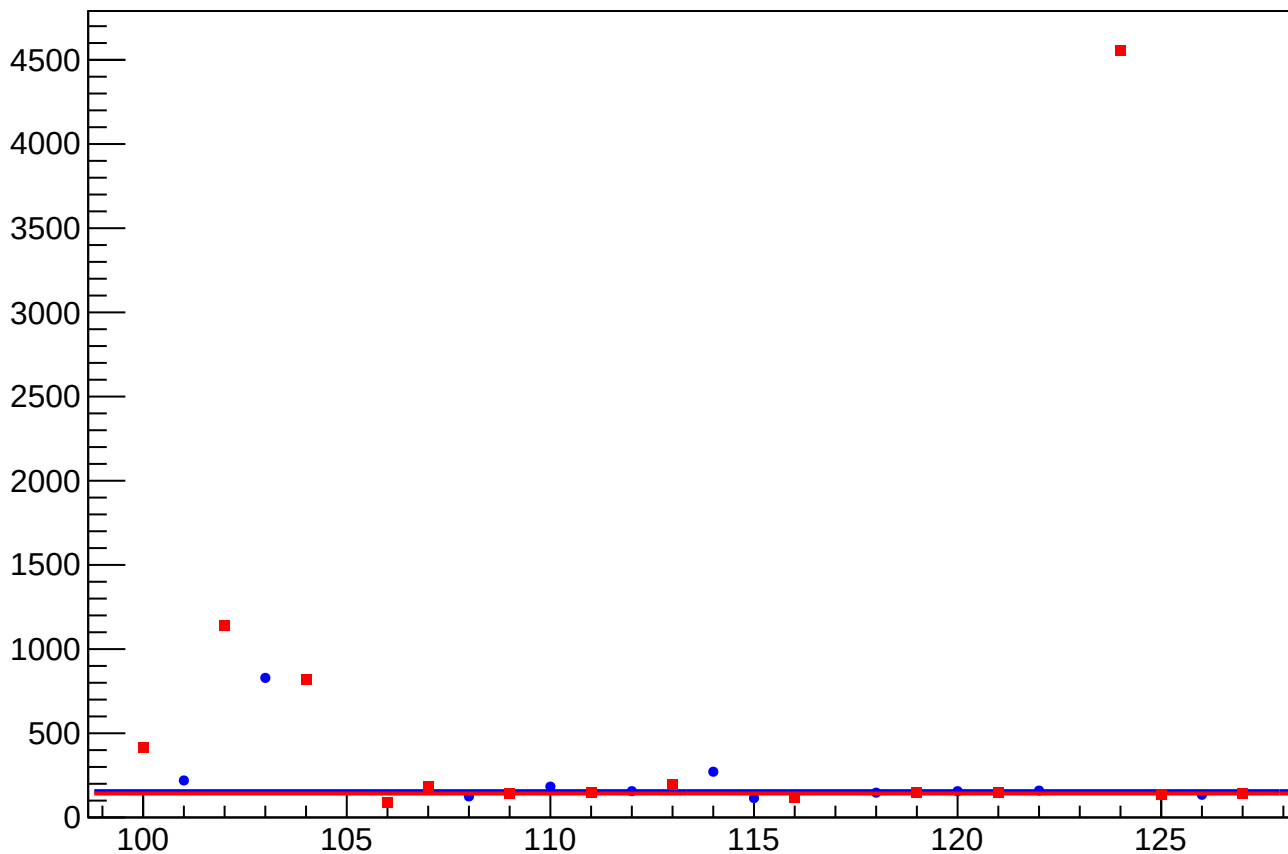
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.021 $\pm$ 0.053 χ^2/NDF : 32.1/24

- 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: 156.216+/-0.057 χ^2/NDF : 1039012.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.245+/-0.051 χ^2/NDF : 1873286.7/13

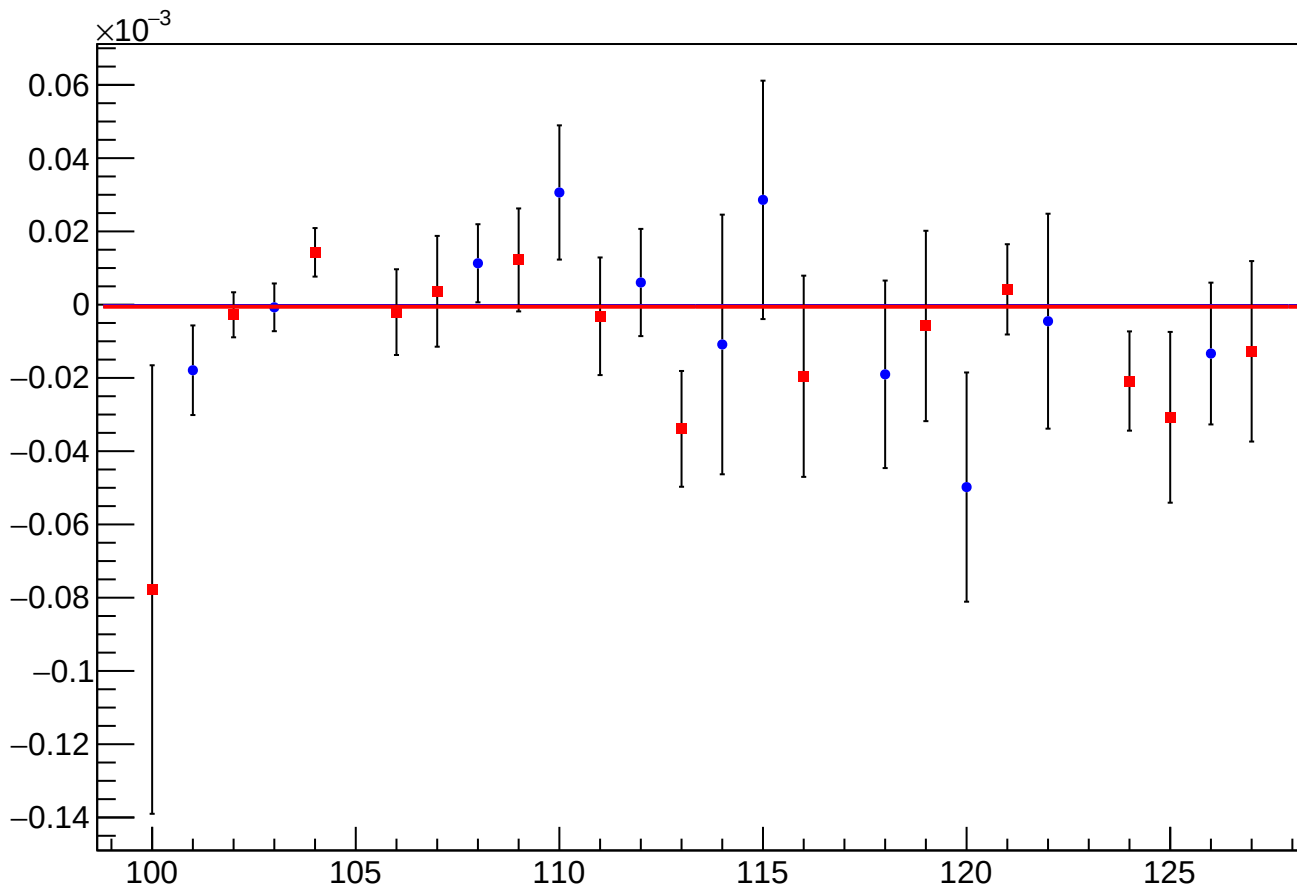
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.397+/-0.038 χ^2/NDF : 2945973.8/24

- 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: 10.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 17.0/13

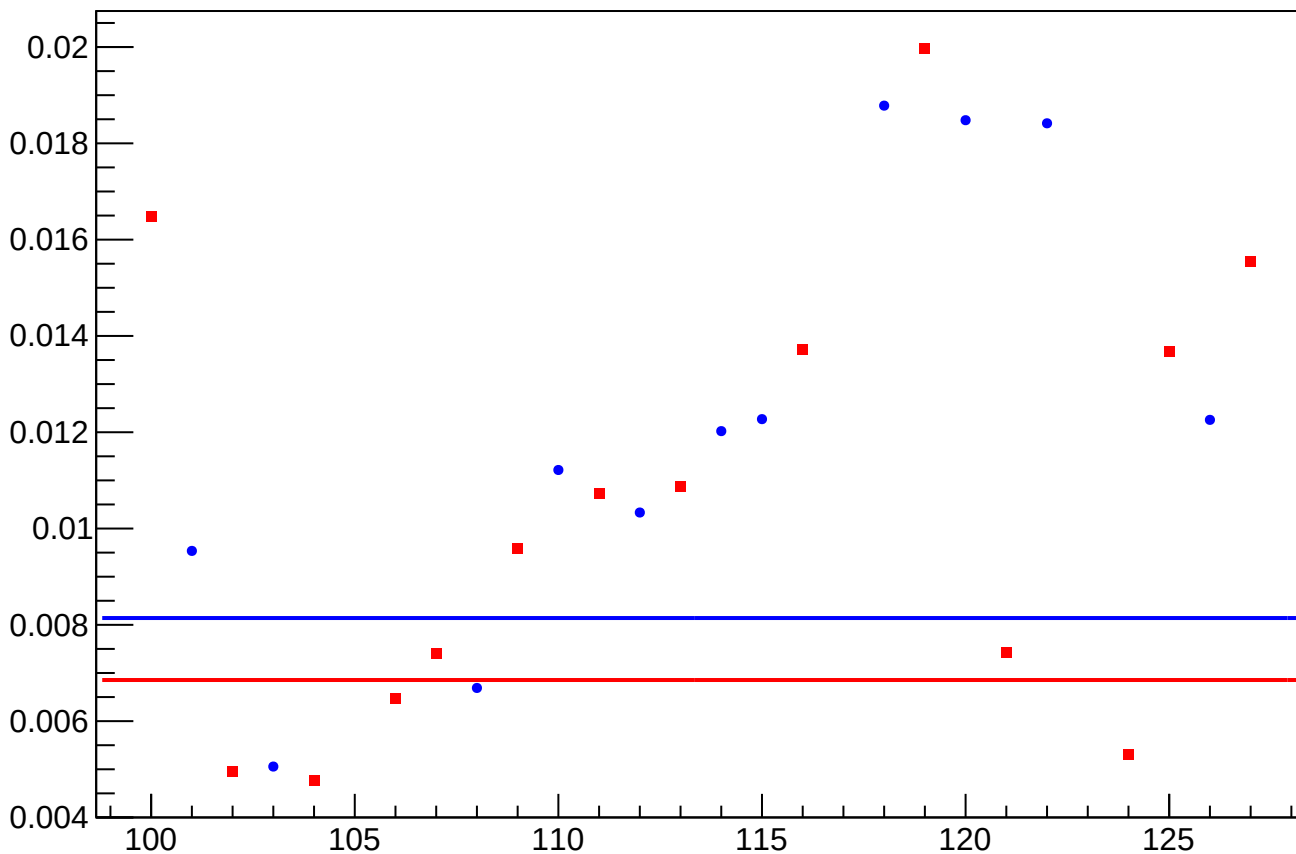
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 27.7/24

- 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: 0.008+/-0.000 χ^2/NDF : 1568365.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 1851682.8/13

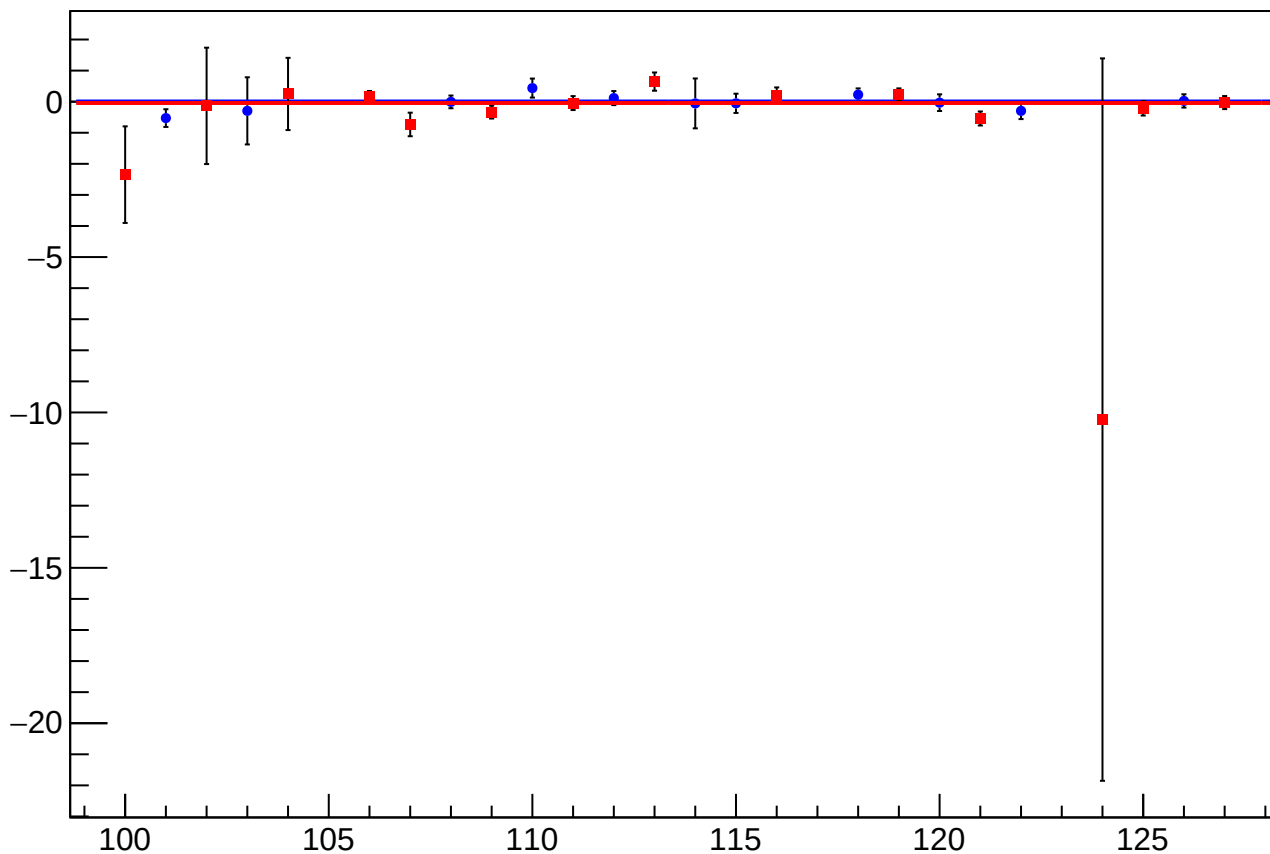
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 3534052.4/24

- 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: 0.005 $\pm$ 0.081 χ^2 /NDF: 8.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.042 $\pm$ 0.071 χ^2 /NDF: 23.6/13

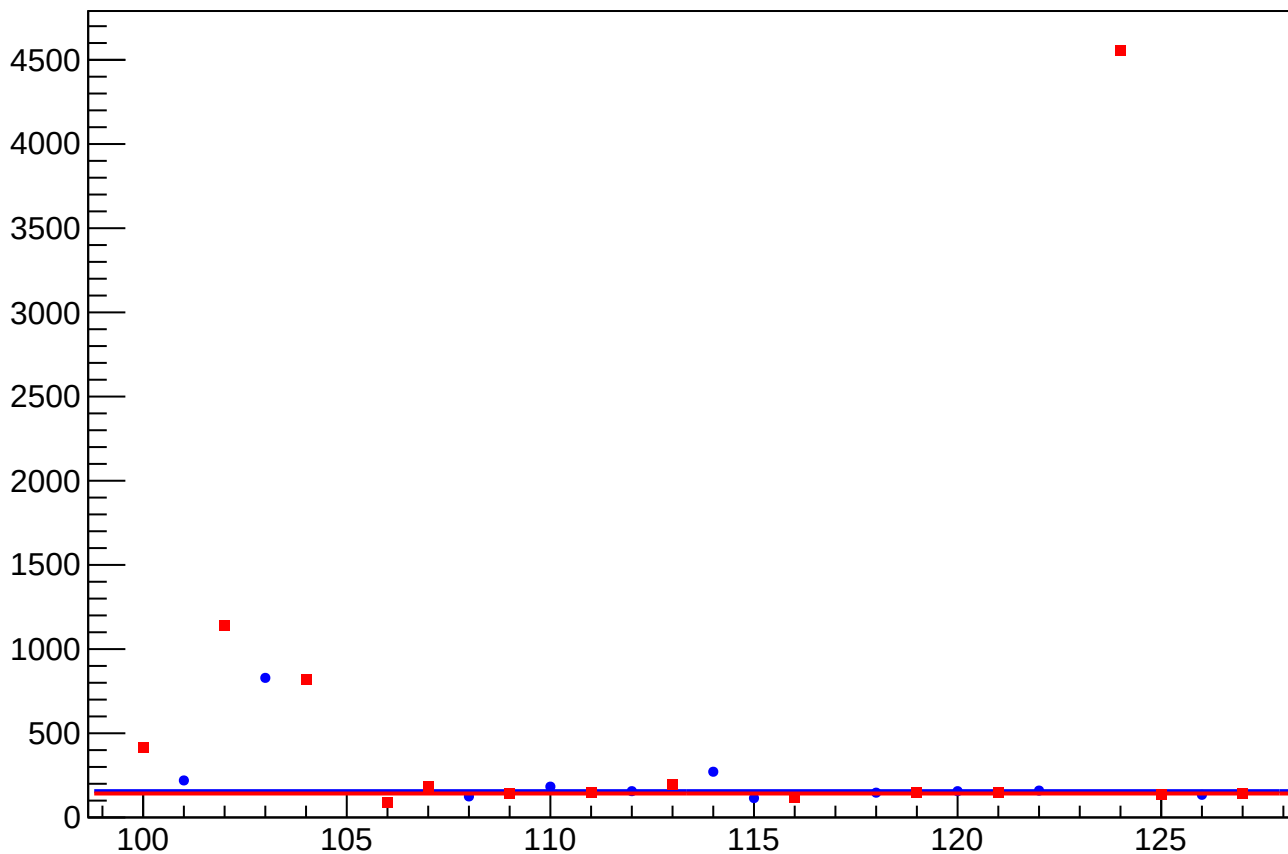
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.021 $\pm$ 0.053 χ^2 /NDF: 32.1/24

- 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: 156.216+/-0.057 χ^2/NDF : 1039005.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.244+/-0.051 χ^2/NDF : 1873291.6/13

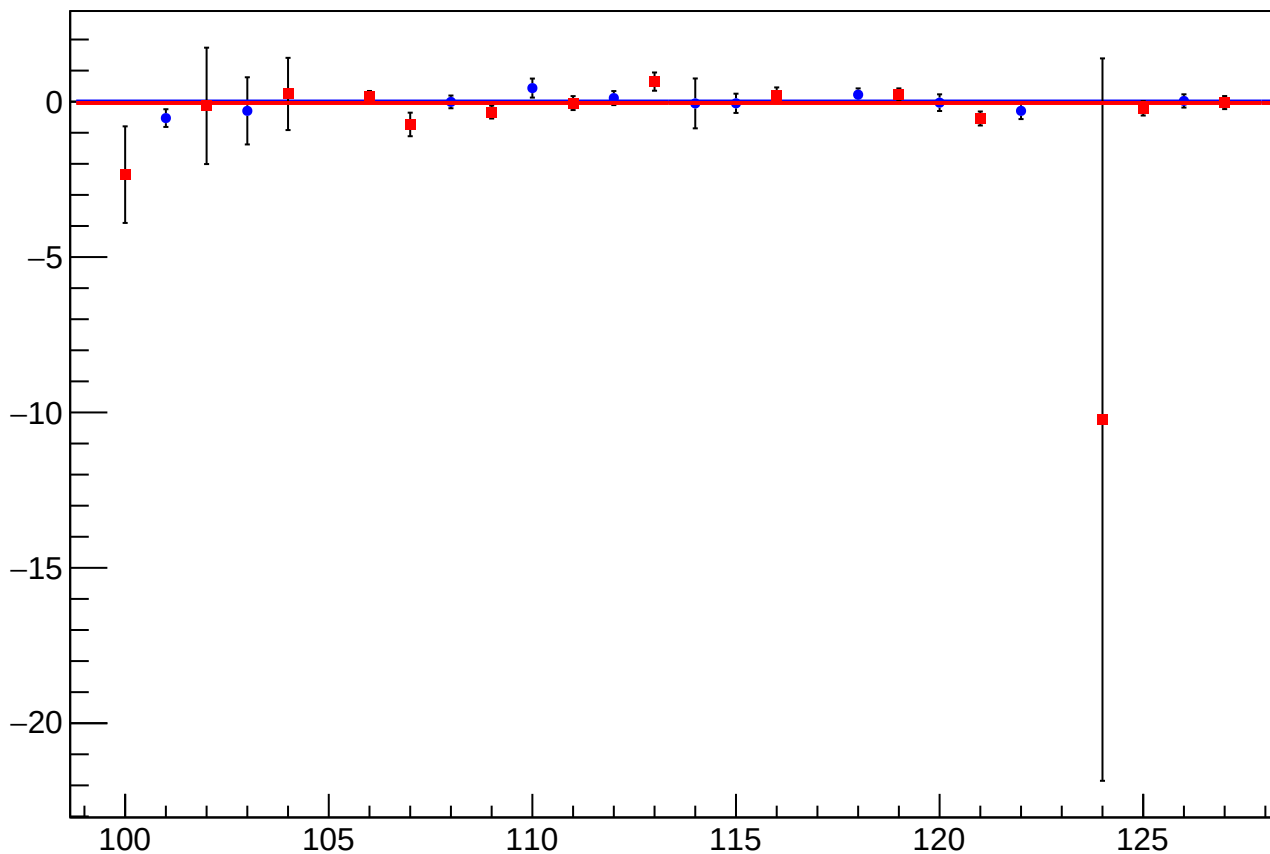
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.397+/-0.038 χ^2/NDF : 2945974.4/24

- 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: 0.005 $\pm$ 0.081 χ^2 /NDF: 8.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.042 $\pm$ 0.071 χ^2 /NDF: 23.6/13

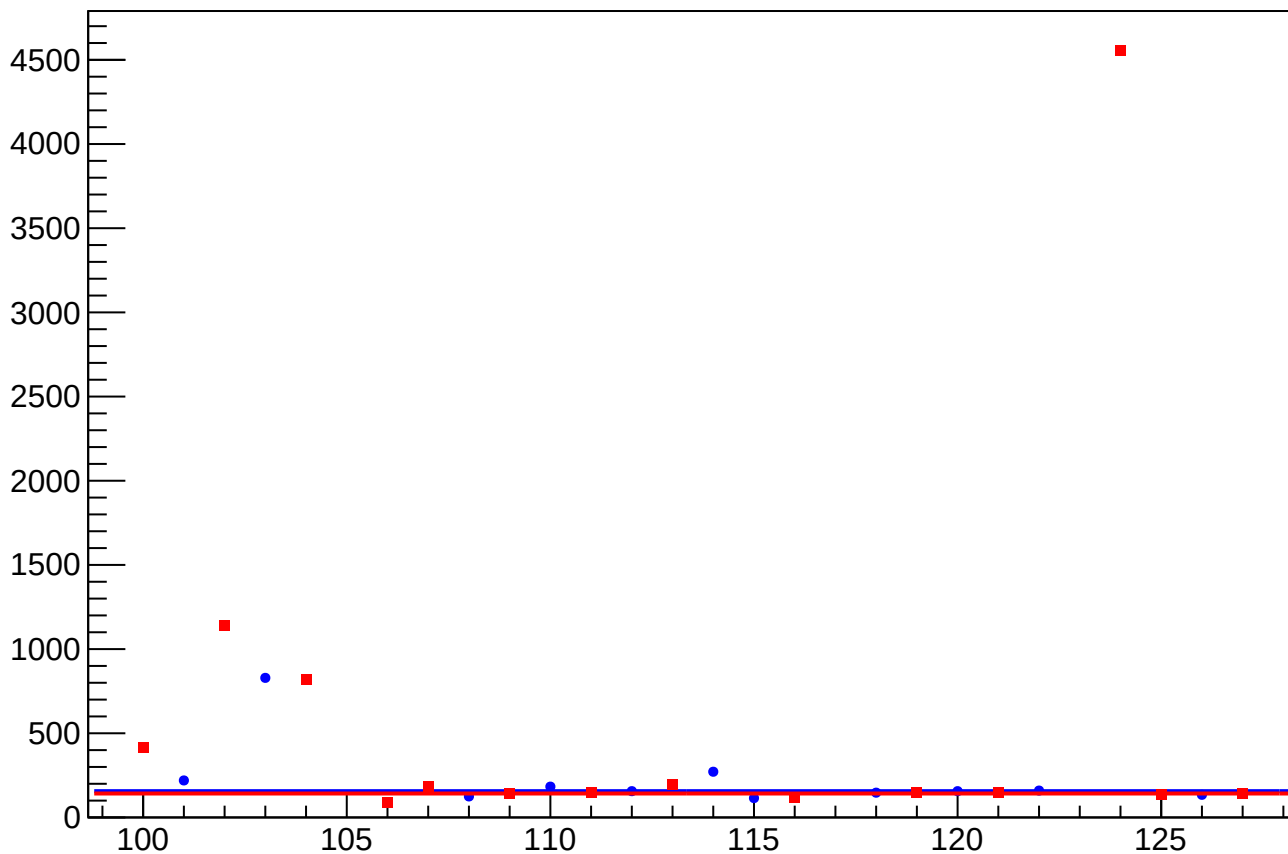
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.021 $\pm$ 0.053 χ^2 /NDF: 32.1/24

- 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: 156.216+/-0.057 χ^2/NDF : 1039005.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.244+/-0.051 χ^2/NDF : 1873291.6/13

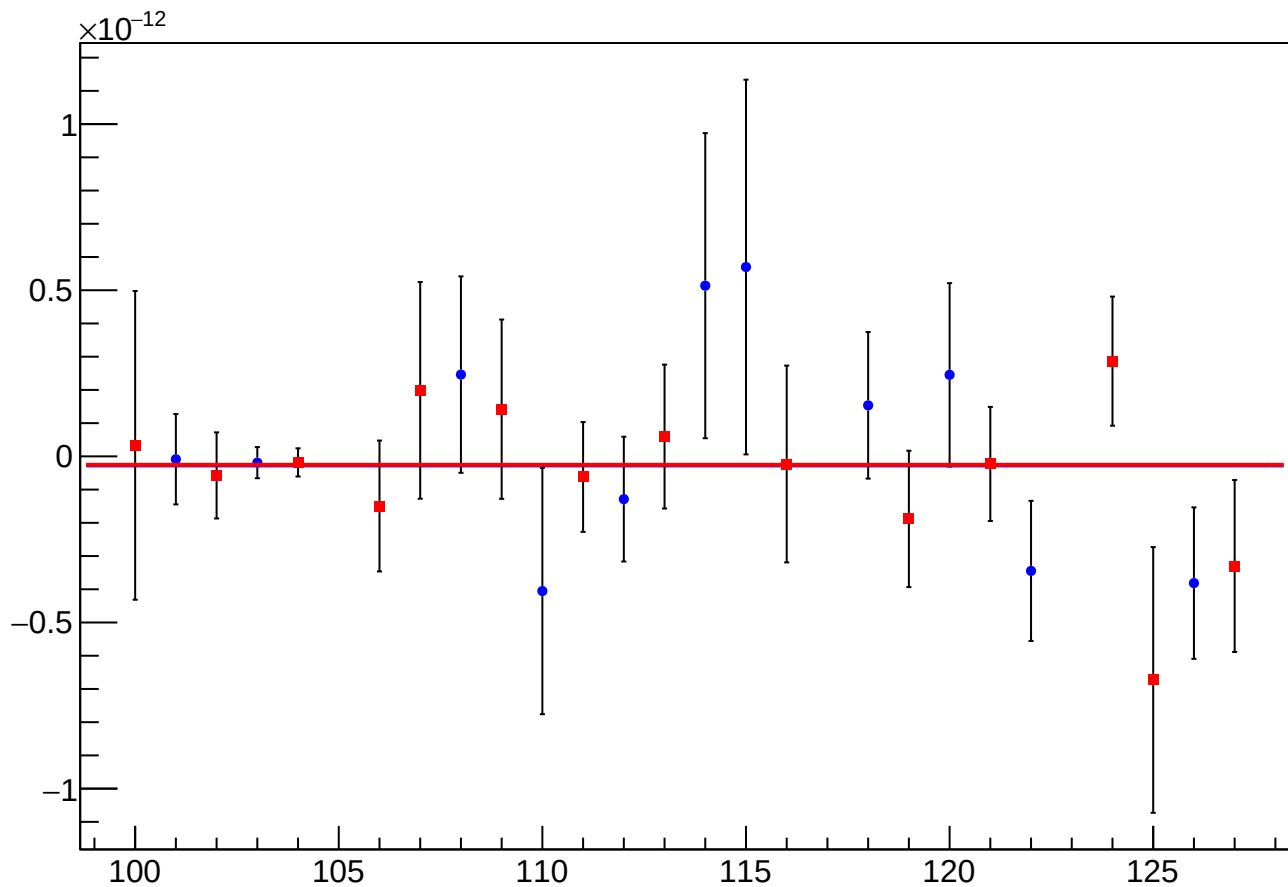
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.397+/-0.038 χ^2/NDF : 2945974.4/24

- 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 : 11.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.8/13

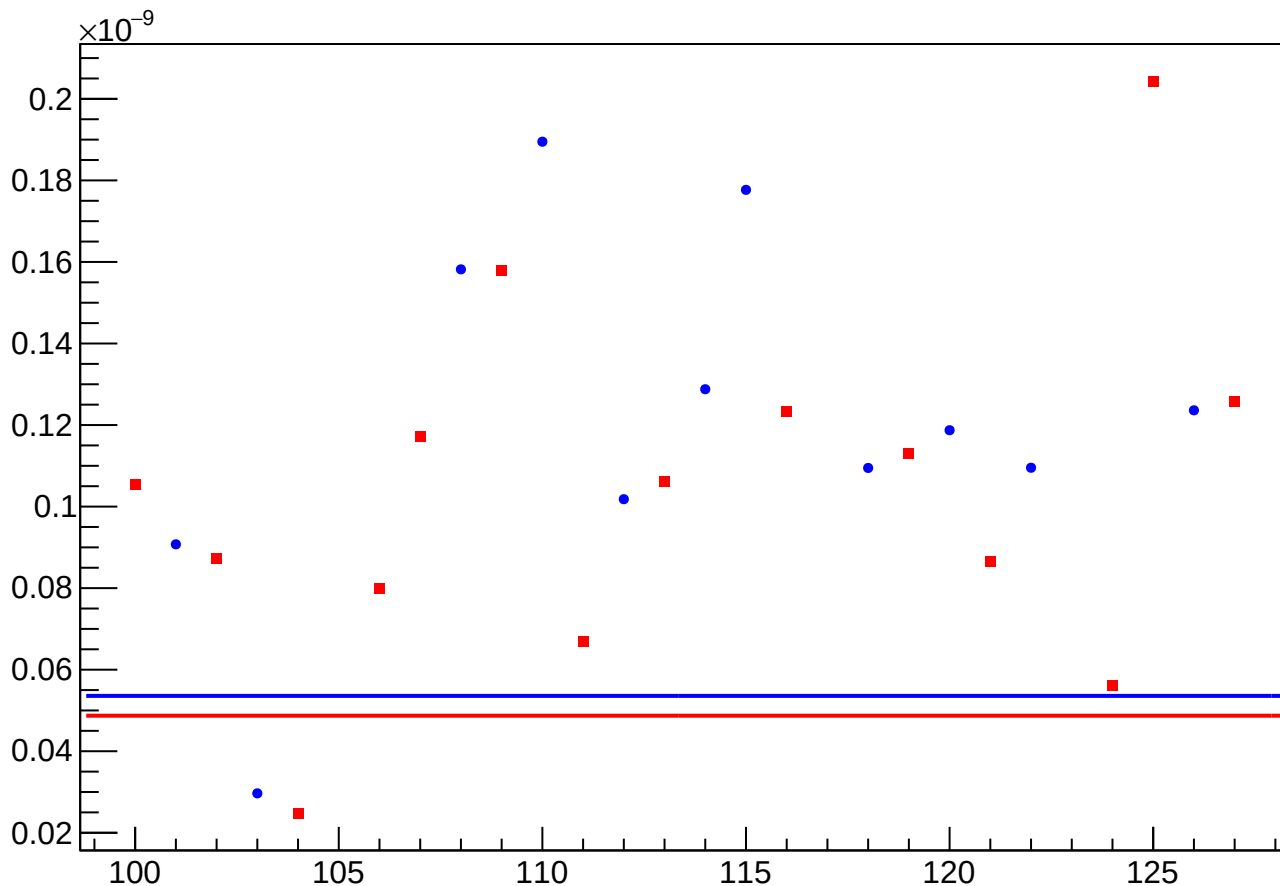
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.9/24

- 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 : 2043192.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2381697.4/13

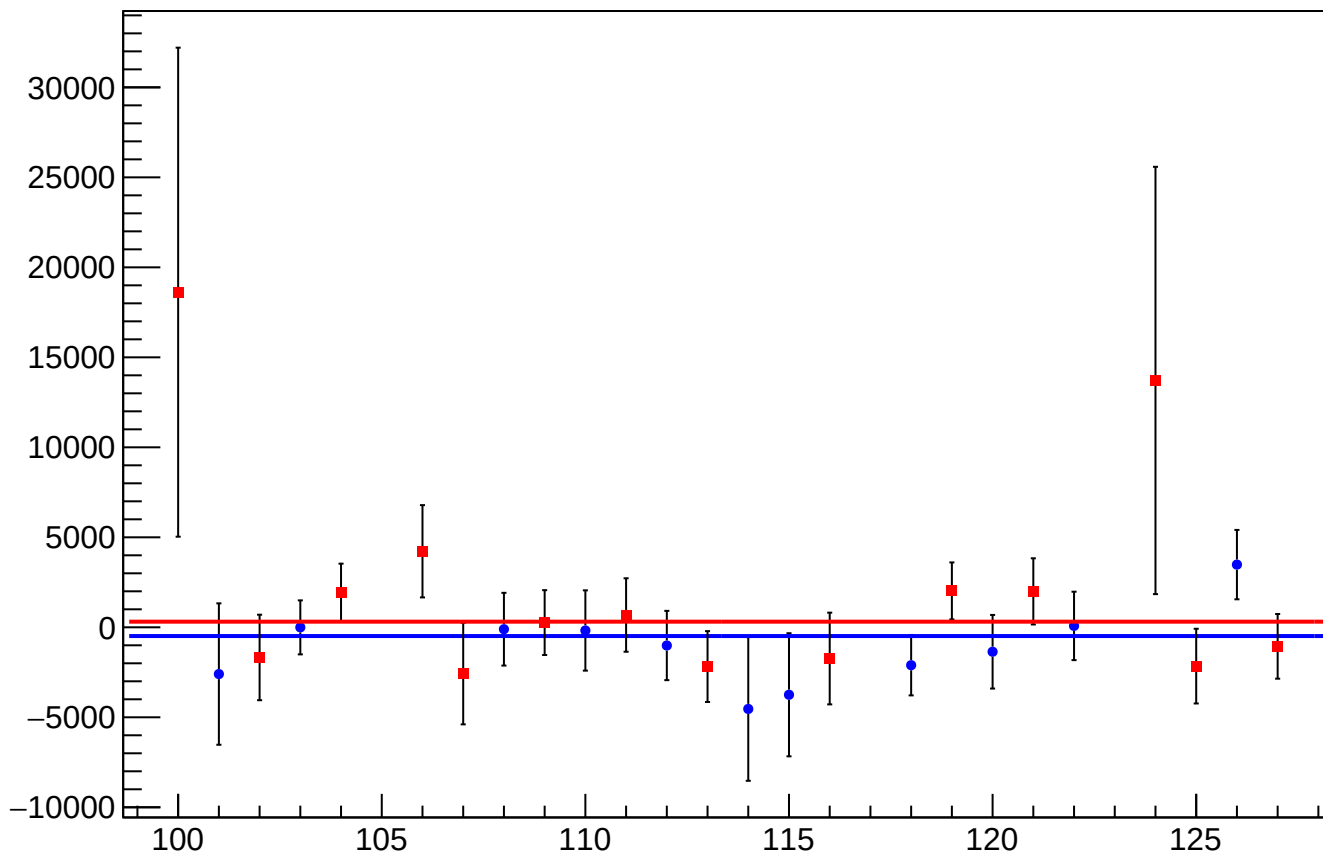
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4442087.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -486.299+/-630.800 χ^2/NDF : 7.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 312.996+/-572.280 χ^2/NDF : 14.5/13

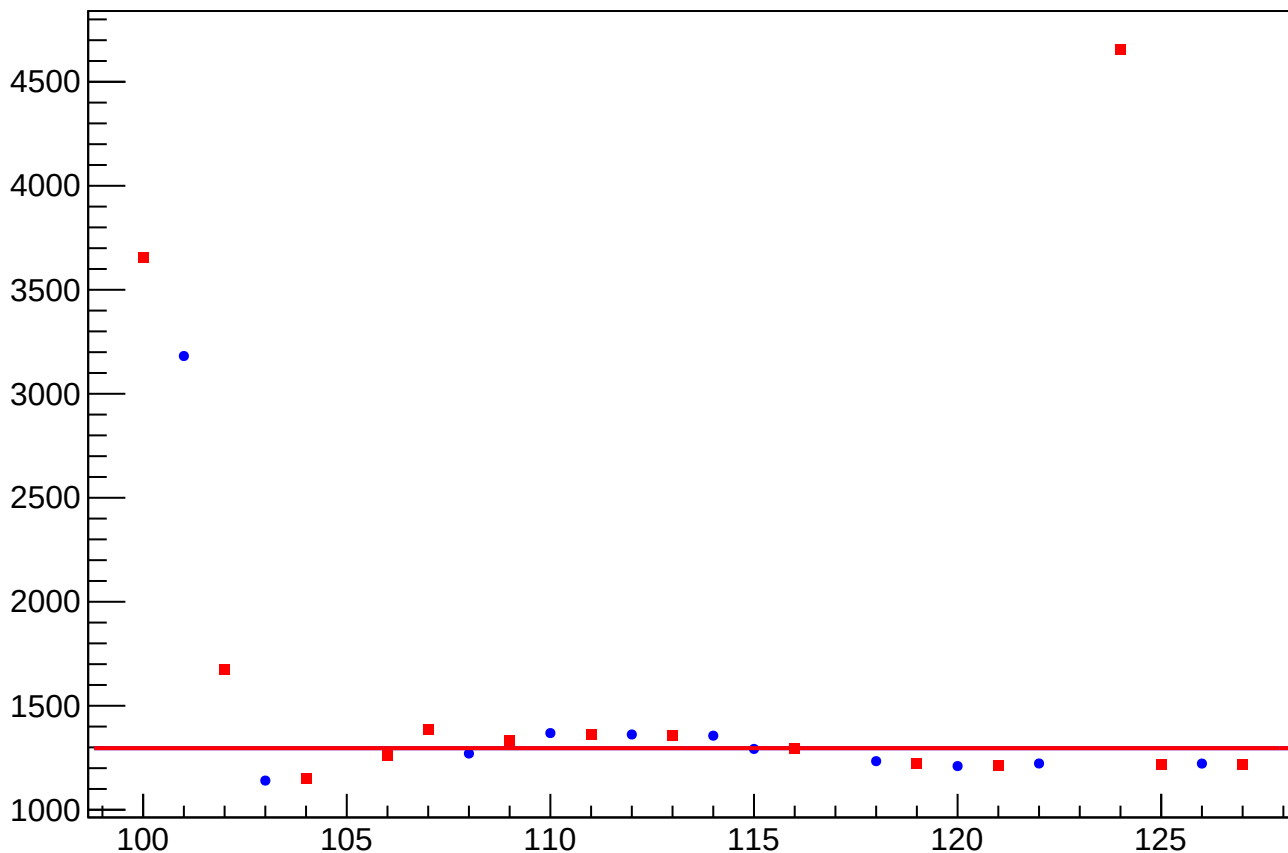
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.864+/-423.845 χ^2/NDF : 23.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1295.884+/-0.446 χ^2/NDF : 499710.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1296.241+/-0.405 χ^2/NDF : 311066.7/13

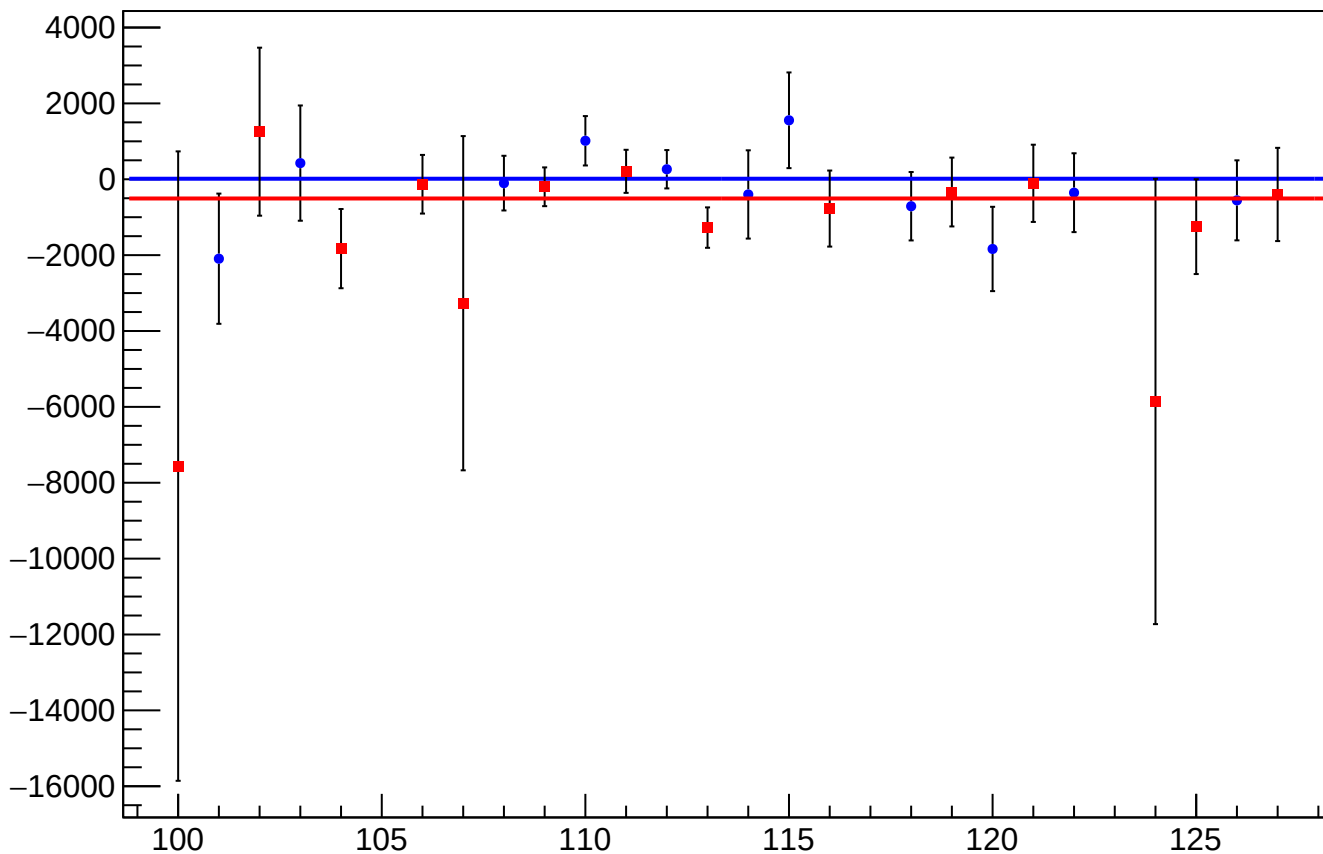
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1296.080+/-0.300 χ^2/NDF : 810777.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_reg_correction_mean vs Slug



Right In: 14.114 $\pm$ 265.349 χ^2 /NDF: 9.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -506.645 $\pm$ 236.858 χ^2 /NDF: 9.1/13

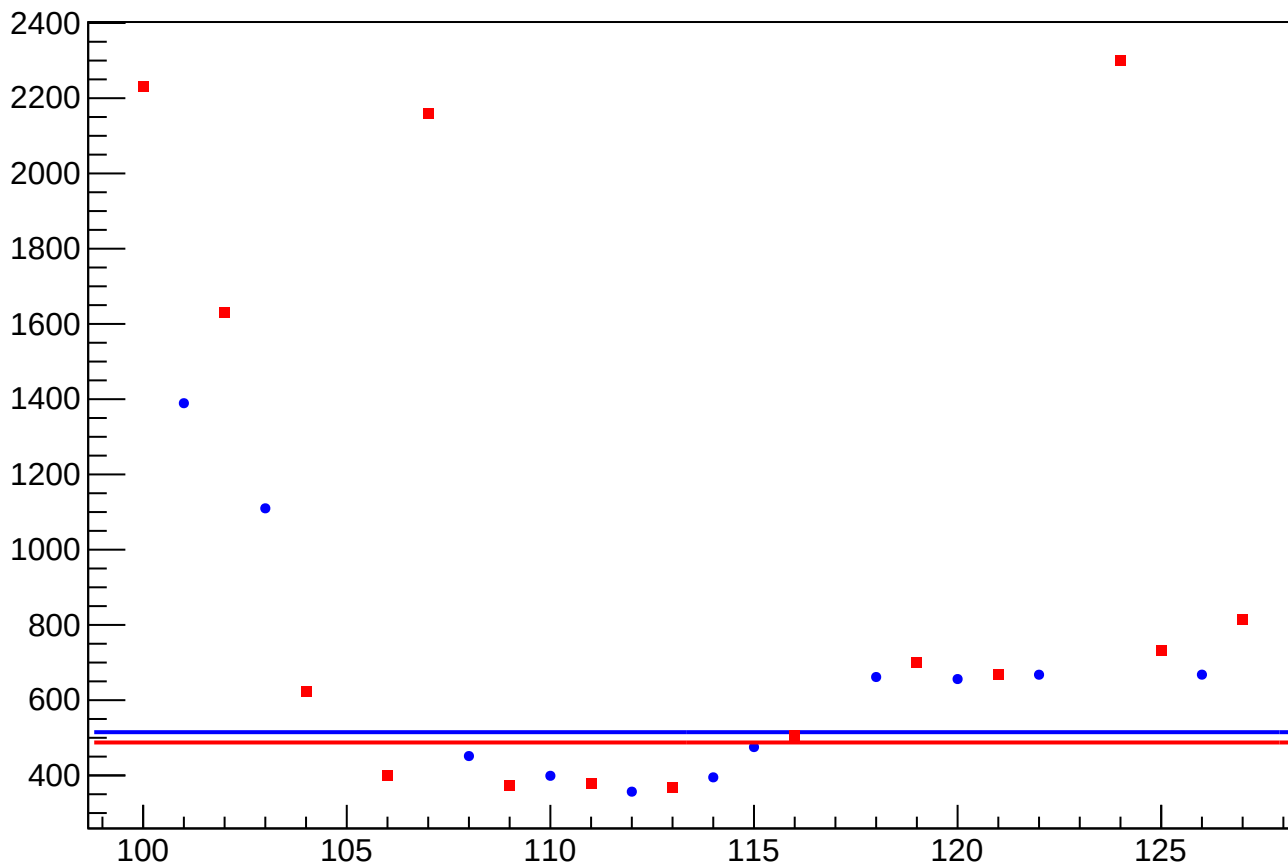
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -275.714 $\pm$ 176.701 χ^2 /NDF: 20.9/24

- 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: 514.934+/-0.188 χ^2/NDF : 1294263.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

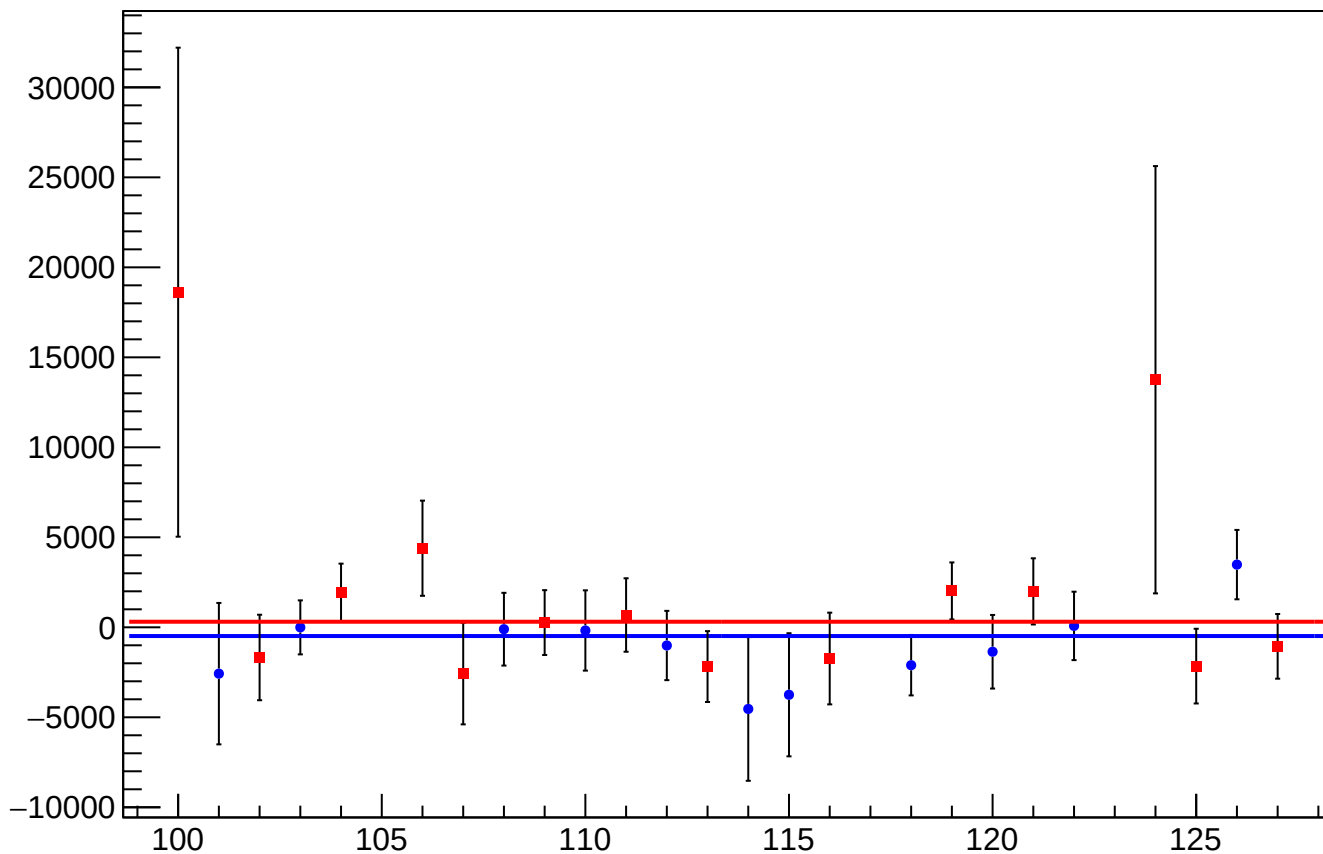
Right Out: 487.551+/-0.167 χ^2/NDF : 1826121.2/13

All: 499.694+/-0.125 χ^2/NDF : 3132238.5/24

- 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_atl_avg_atr_avg_dd_mean vs Slug



Right In: -485.673+/-630.800 χ^2/NDF : 7.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 309.402+/-573.135 χ^2/NDF : 14.5/13

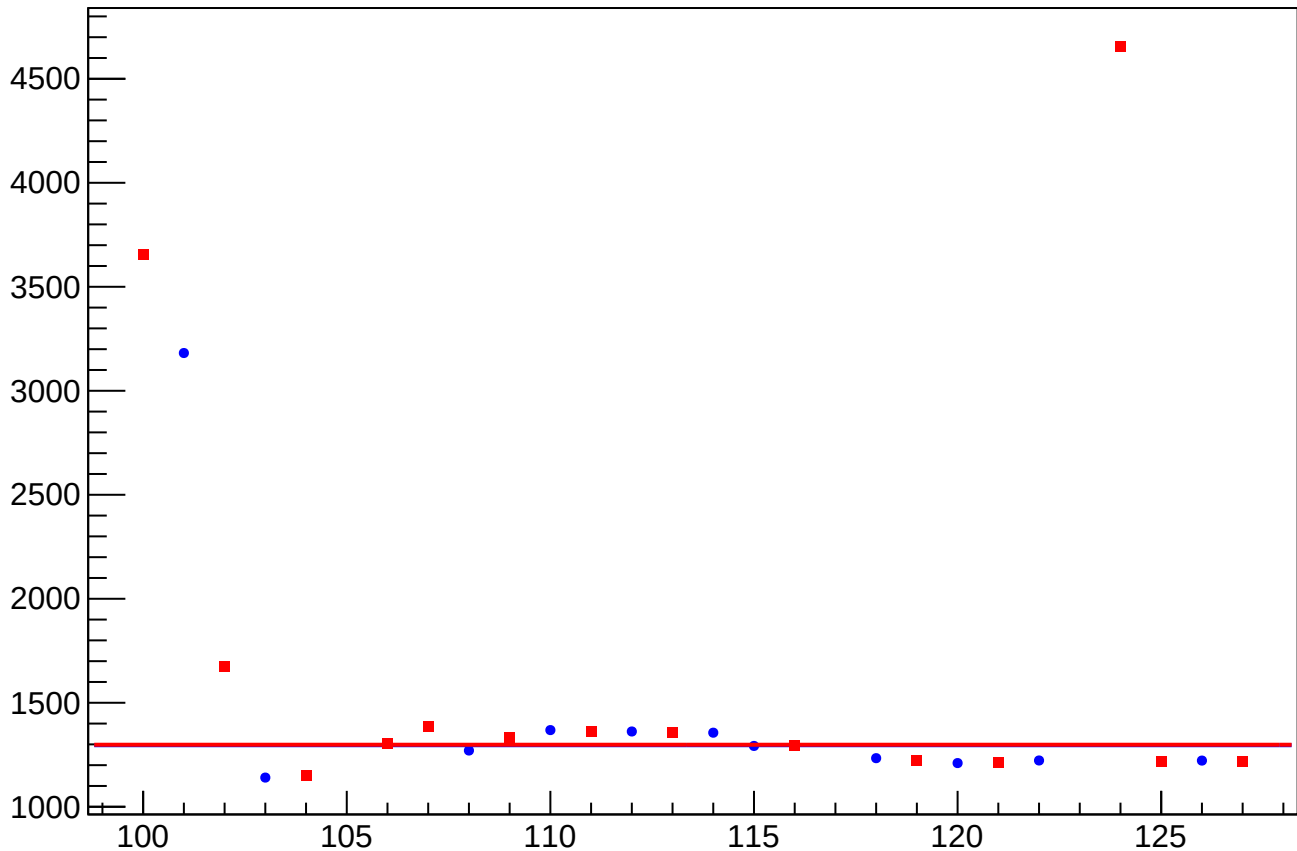
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.141+/-424.192 χ^2/NDF : 23.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1295.884+/-0.446 χ^2/NDF : 499711.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.257+/-0.405 χ^2/NDF : 310724.2/13

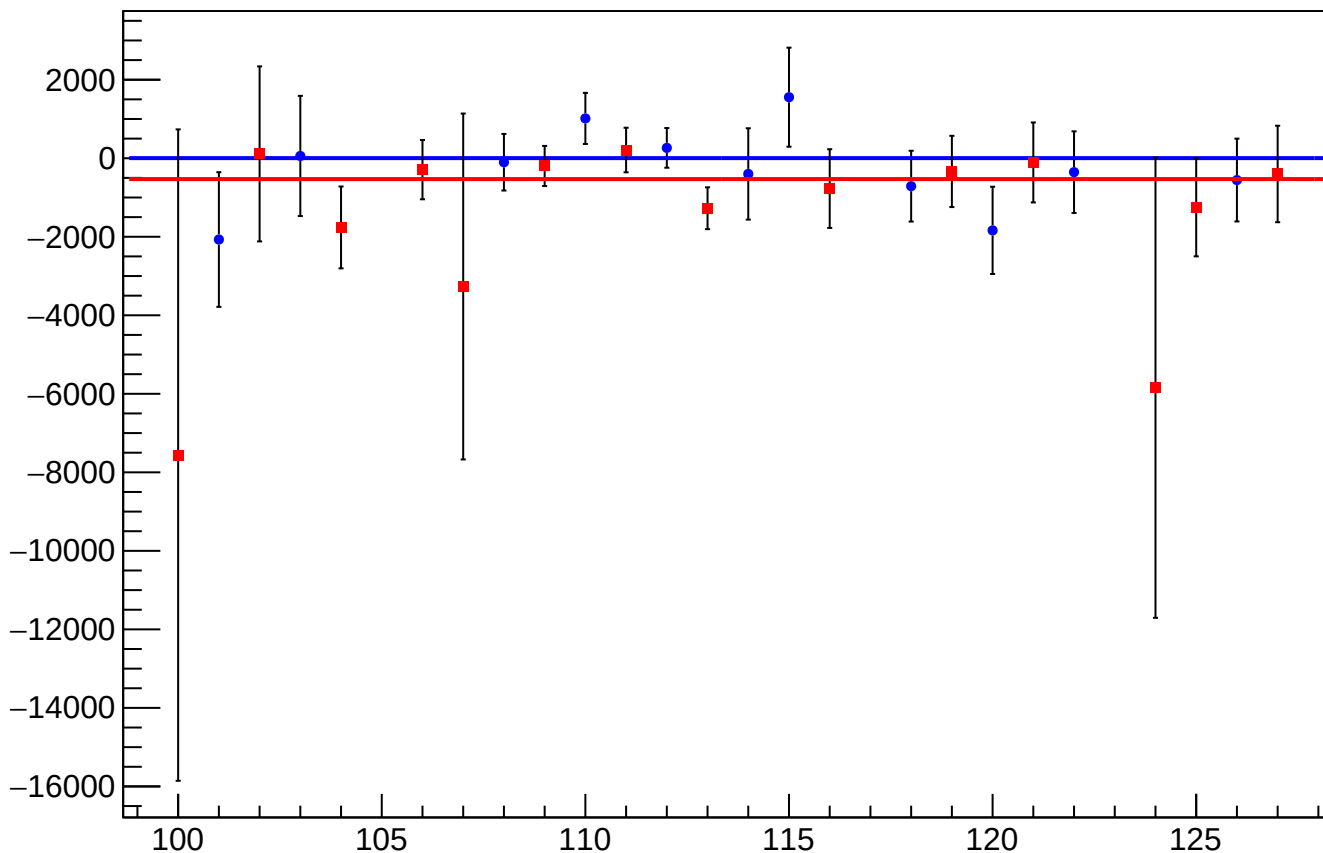
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1297.184+/-0.300 χ^2/NDF : 810451.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_cor_correction_mean vs Slug



Right In: 3.409+/-265.405 χ^2/NDF : 9.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -530.263+/-236.313 χ^2/NDF : 8.2/13

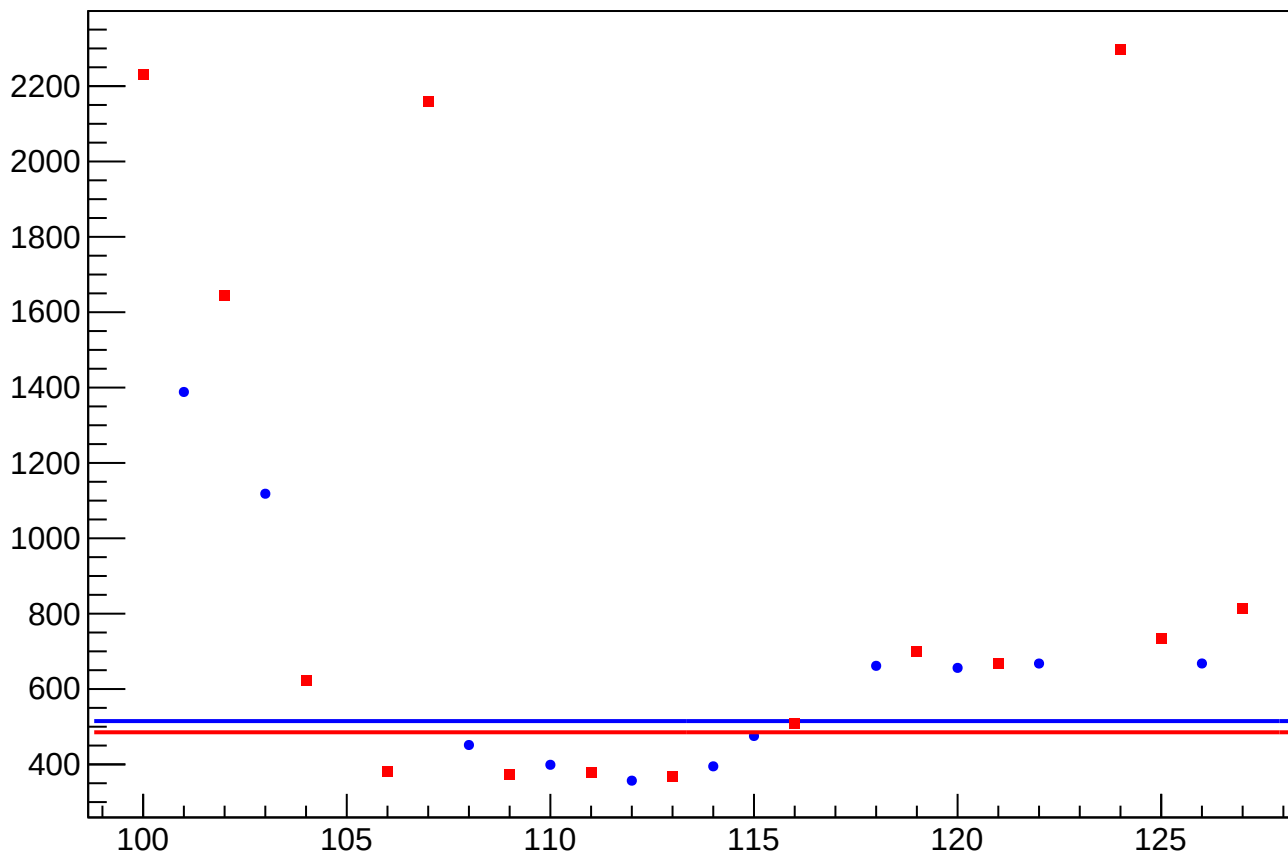
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -294.268+/-176.491 χ^2/NDF : 20.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_cor_correction_rms vs Slug



Right In: 514.929+/-0.188 χ^2/NDF : 1297926.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

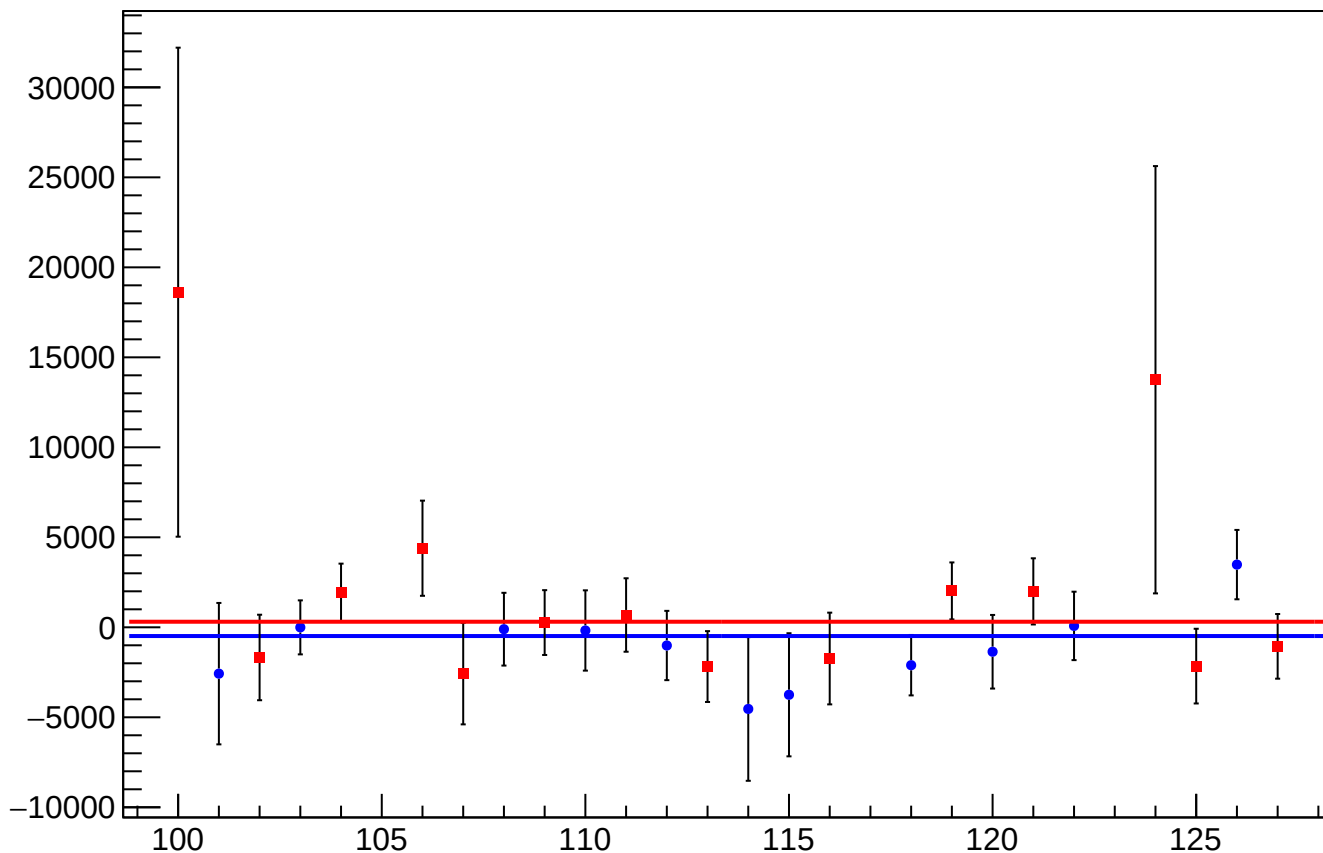
Right Out: 485.231+/-0.167 χ^2/NDF : 1847173.6/13

All: 498.364+/-0.125 χ^2/NDF : 3159068.3/24

- 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_dd_mean vs Slug



Right In: -485.673+/-630.800 χ^2 /NDF: 7.9/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 309.402+/-573.135 χ^2 /NDF: 14.5/13

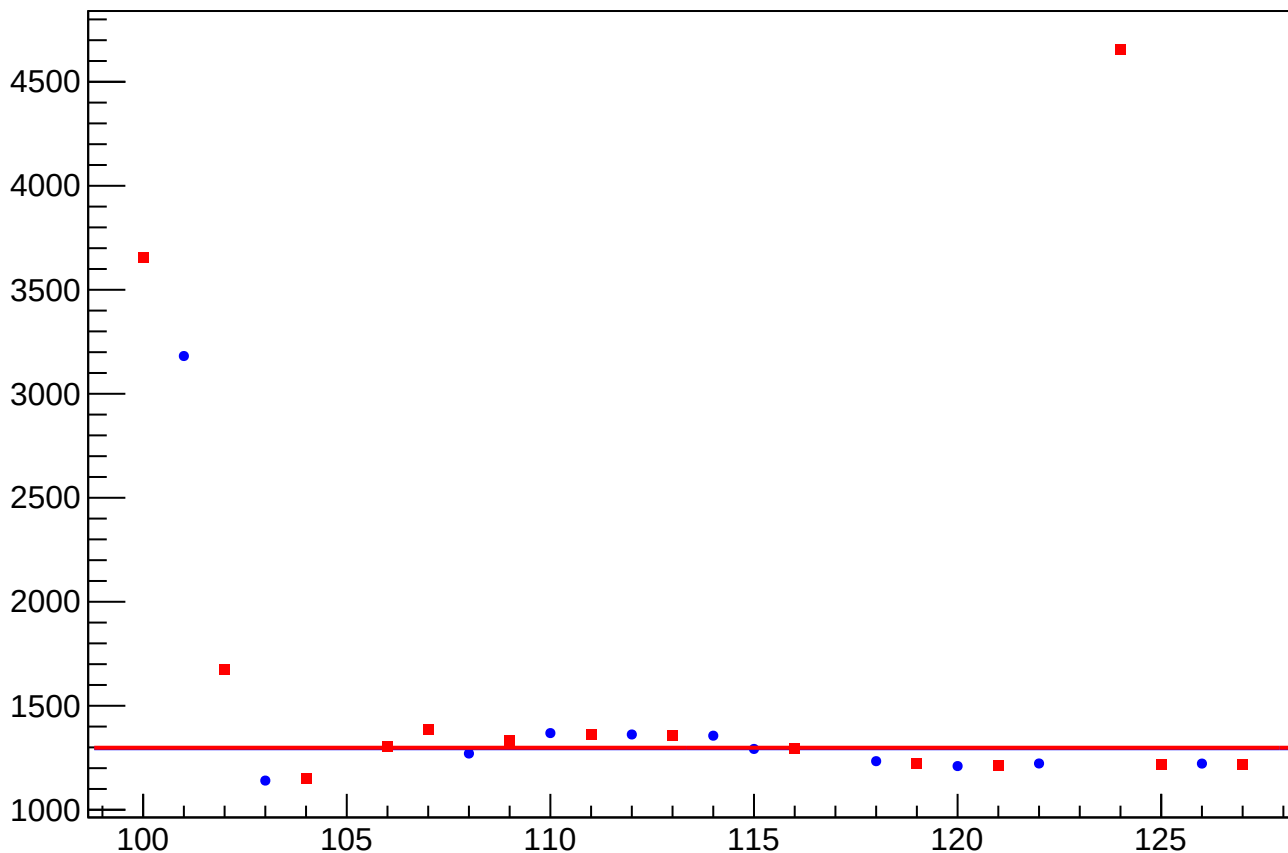
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -50.141+/-424.192 χ^2 /NDF: 23.3/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1295.884+/-0.446 χ^2/NDF : 499711.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.257+/-0.405 χ^2/NDF : 310724.2/13

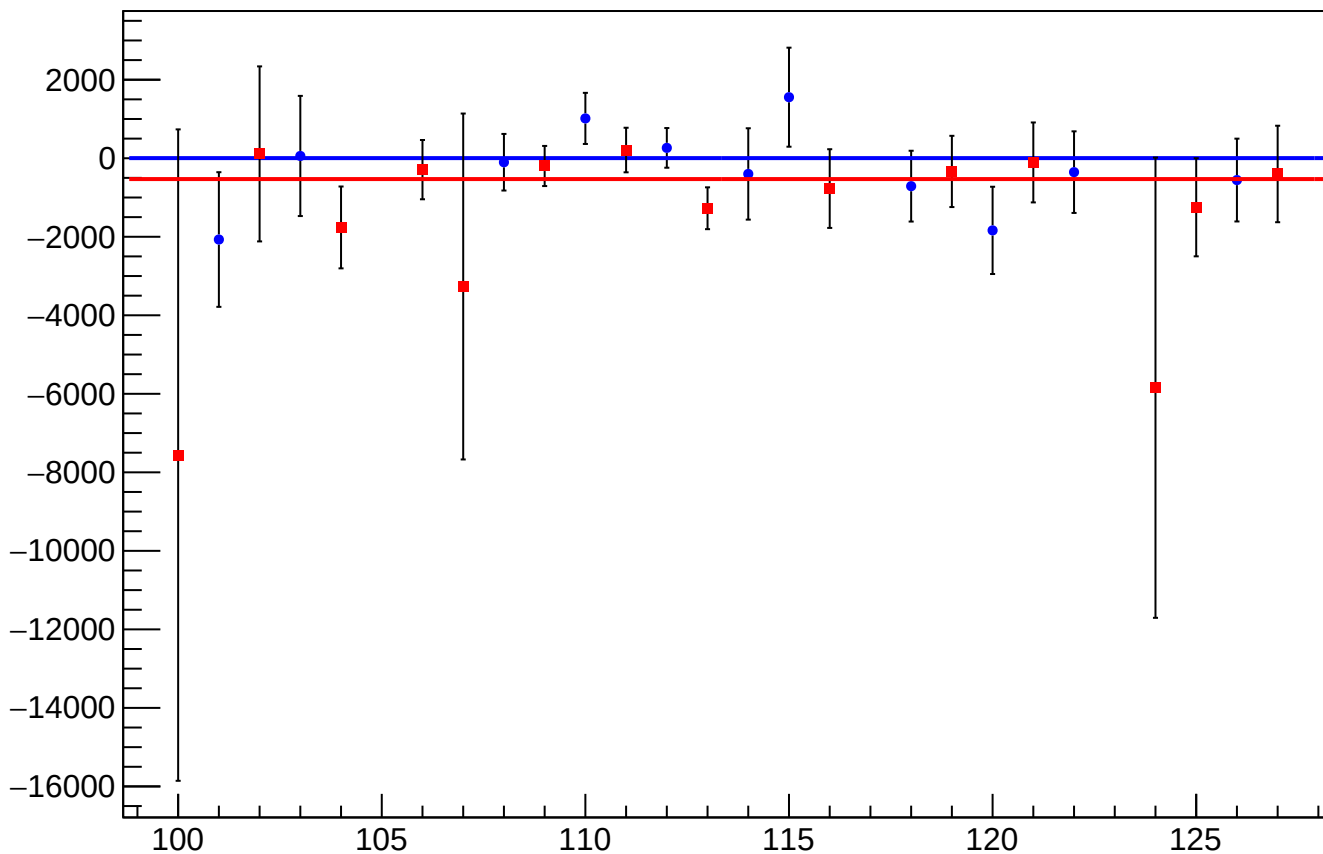
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1297.184+/-0.300 χ^2/NDF : 810451.2/24

- 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: 3.409 $\pm$ 265.405 χ^2 /NDF: 9.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -530.263 $\pm$ 236.313 χ^2 /NDF: 8.2/13

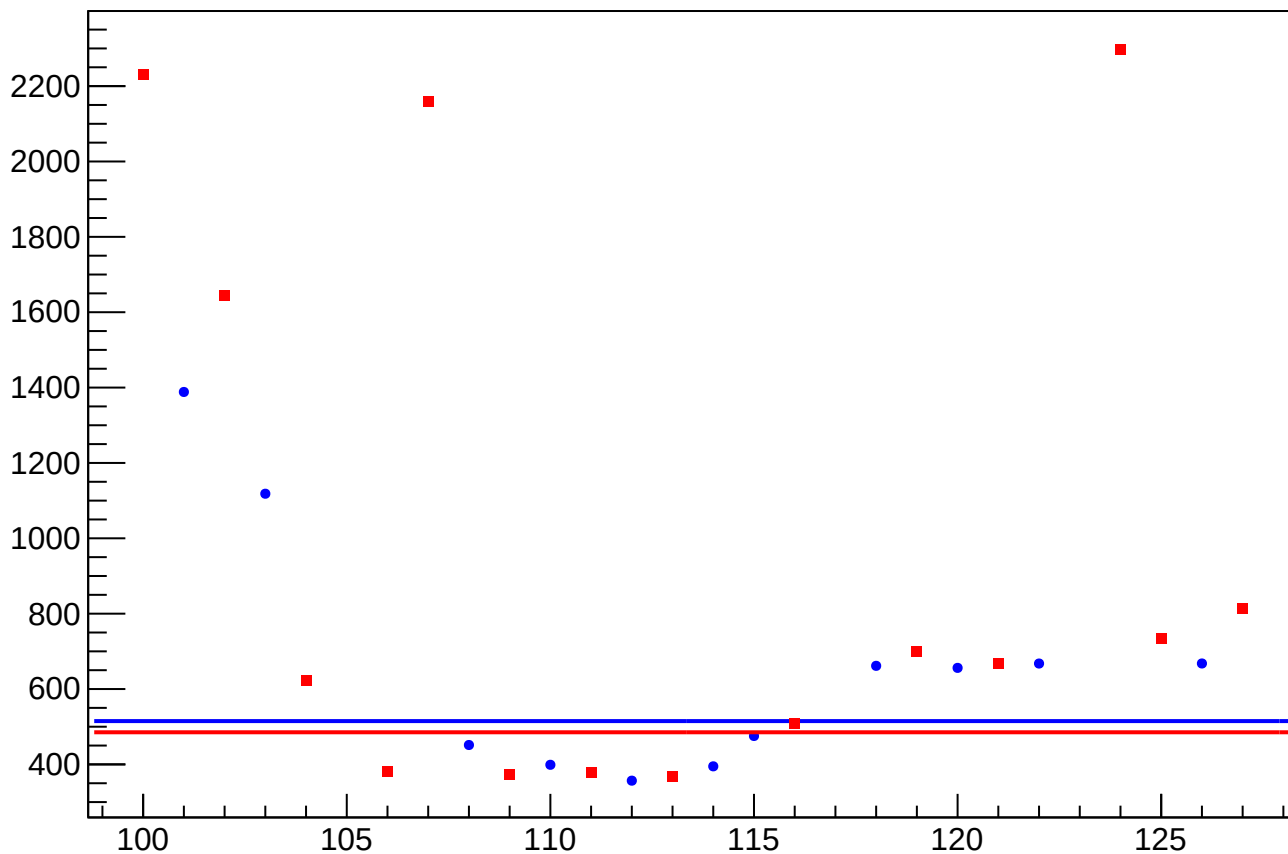
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -294.268 $\pm$ 176.491 χ^2 /NDF: 20.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_eigen_cor_correction_rms vs Slug



Right In: 514.929+/-0.188 χ^2/NDF : 1297926.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 485.231+/-0.167 χ^2/NDF : 1847173.6/13

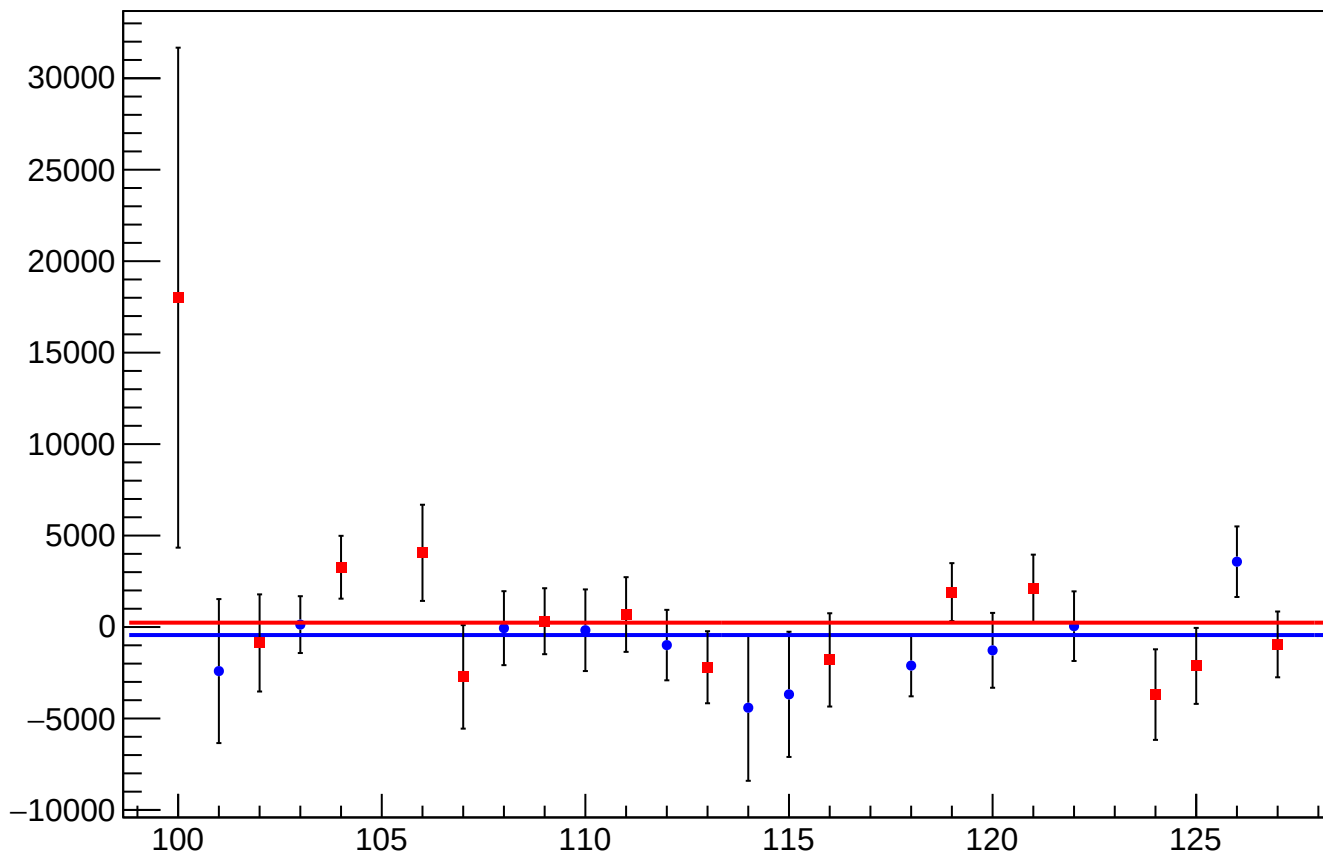
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 498.364+/-0.125 χ^2/NDF : 3159068.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -438.499+/-634.956 χ^2/NDF : 7.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 238.457+/-566.775 χ^2/NDF : 16.8/13

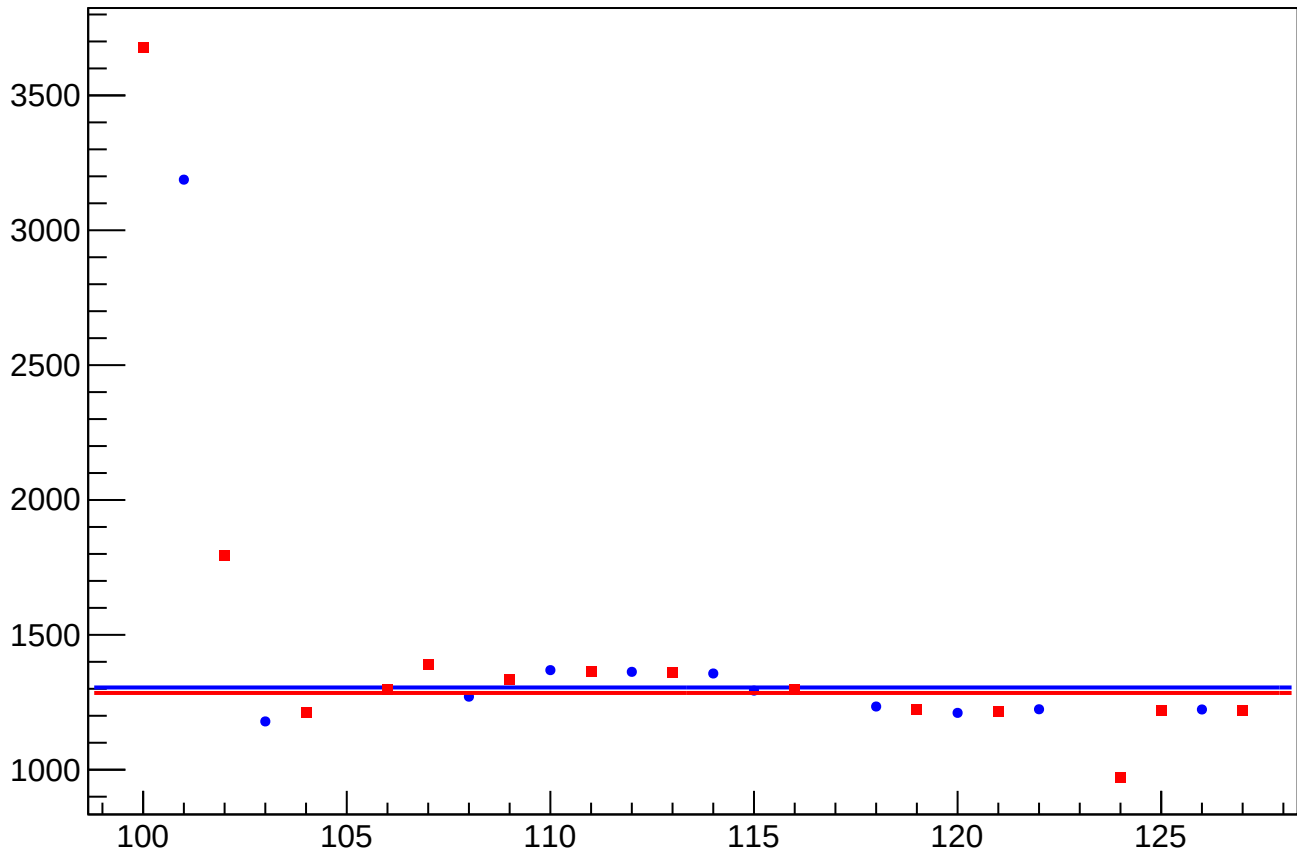
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -61.737+/-422.828 χ^2/NDF : 25.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1304.943+/-0.449 χ^2/NDF : 490054.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1284.573+/-0.401 χ^2/NDF : 191272.9/13

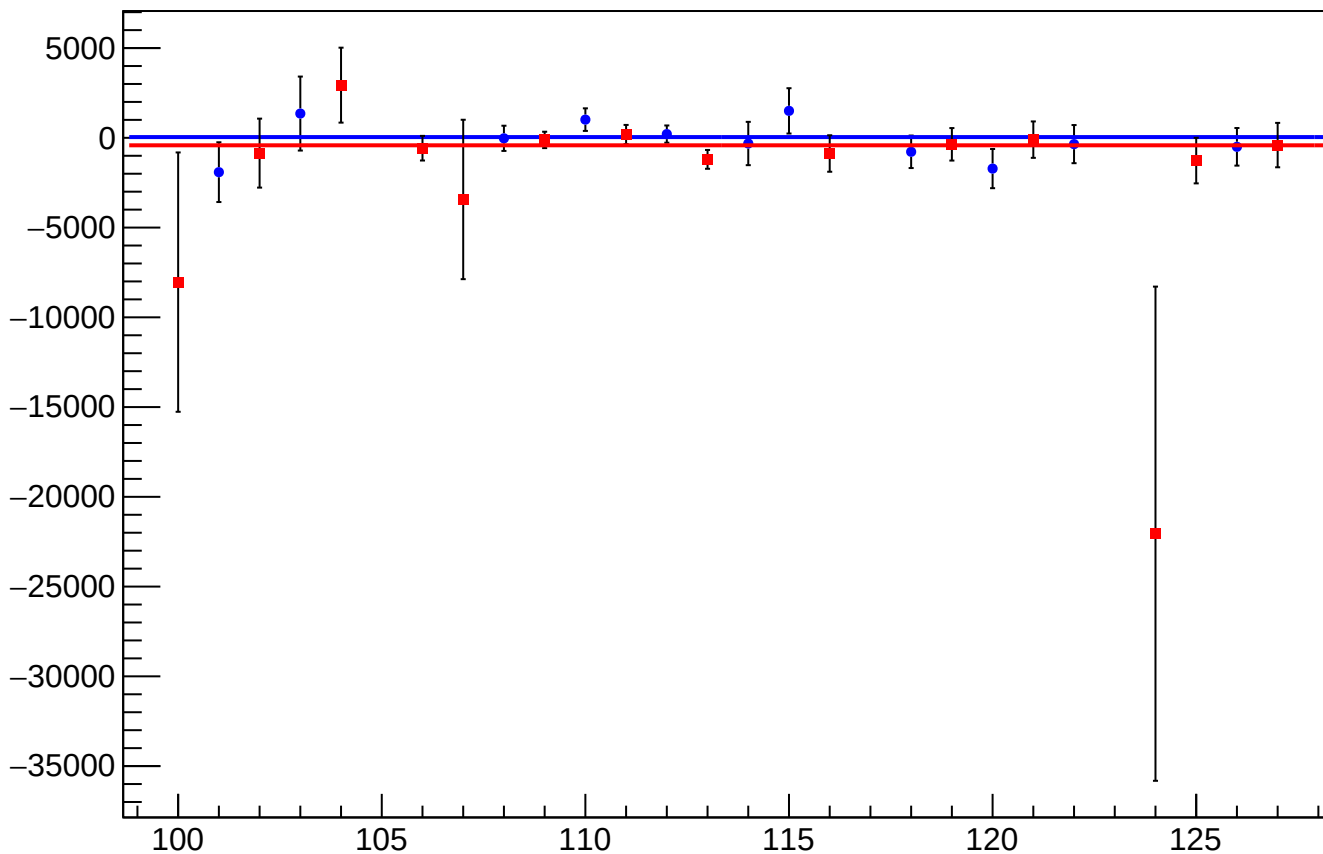
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1293.606+/-0.299 χ^2/NDF : 682472.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_dit_correction_mean vs Slug



Right In: 41.676 $\pm$ 261.064 χ^2/NDF : 9.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -416.691 $\pm$ 228.968 χ^2/NDF : 11.4/13

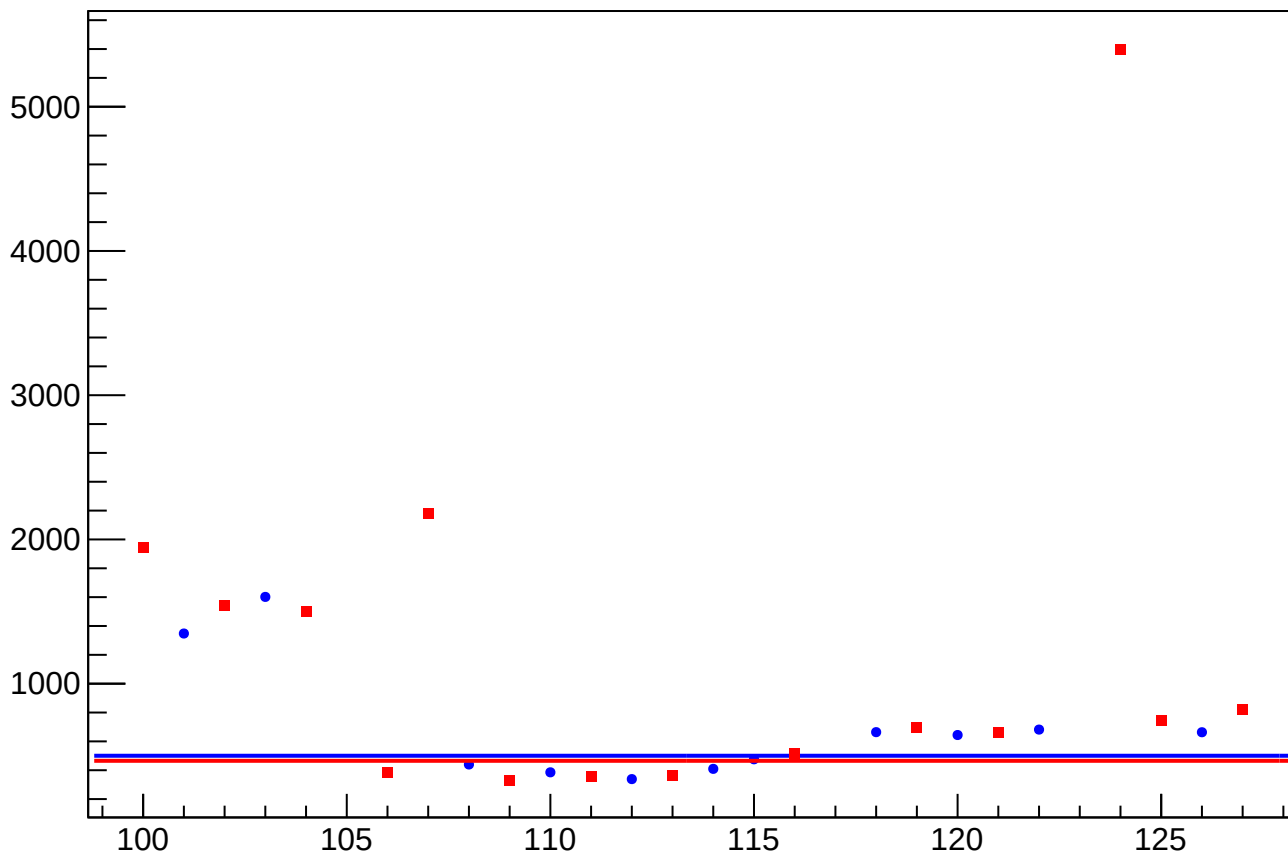
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -217.401 $\pm$ 172.140 χ^2/NDF : 22.7/24

- 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: 500.393+/-0.185 χ^2/NDF : 1617982.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 465.370+/-0.162 χ^2/NDF : 2604992.3/13

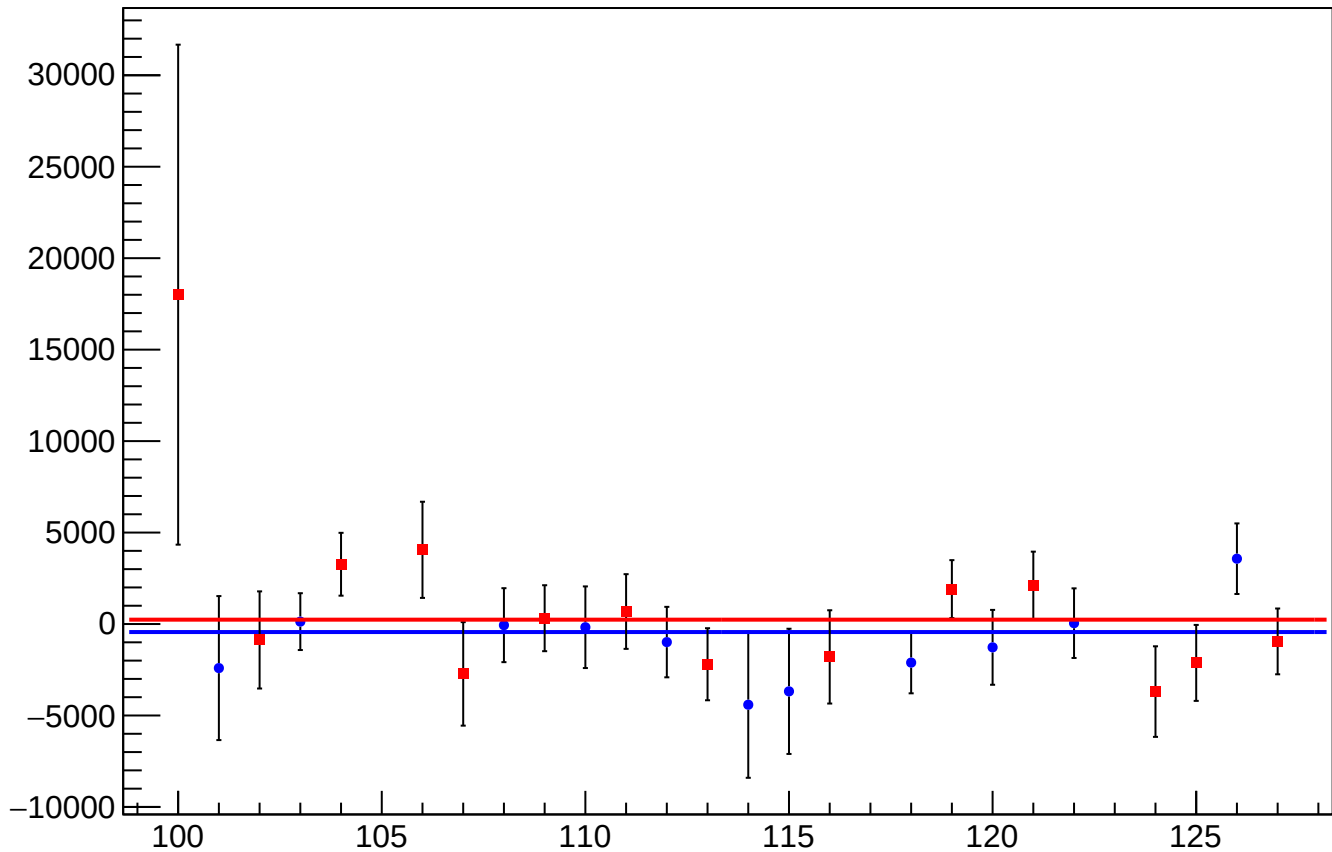
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 480.597+/-0.122 χ^2/NDF : 4243320.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -438.498+/-634.956 χ^2/NDF : 7.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 238.456+/-566.775 χ^2/NDF : 16.8/13

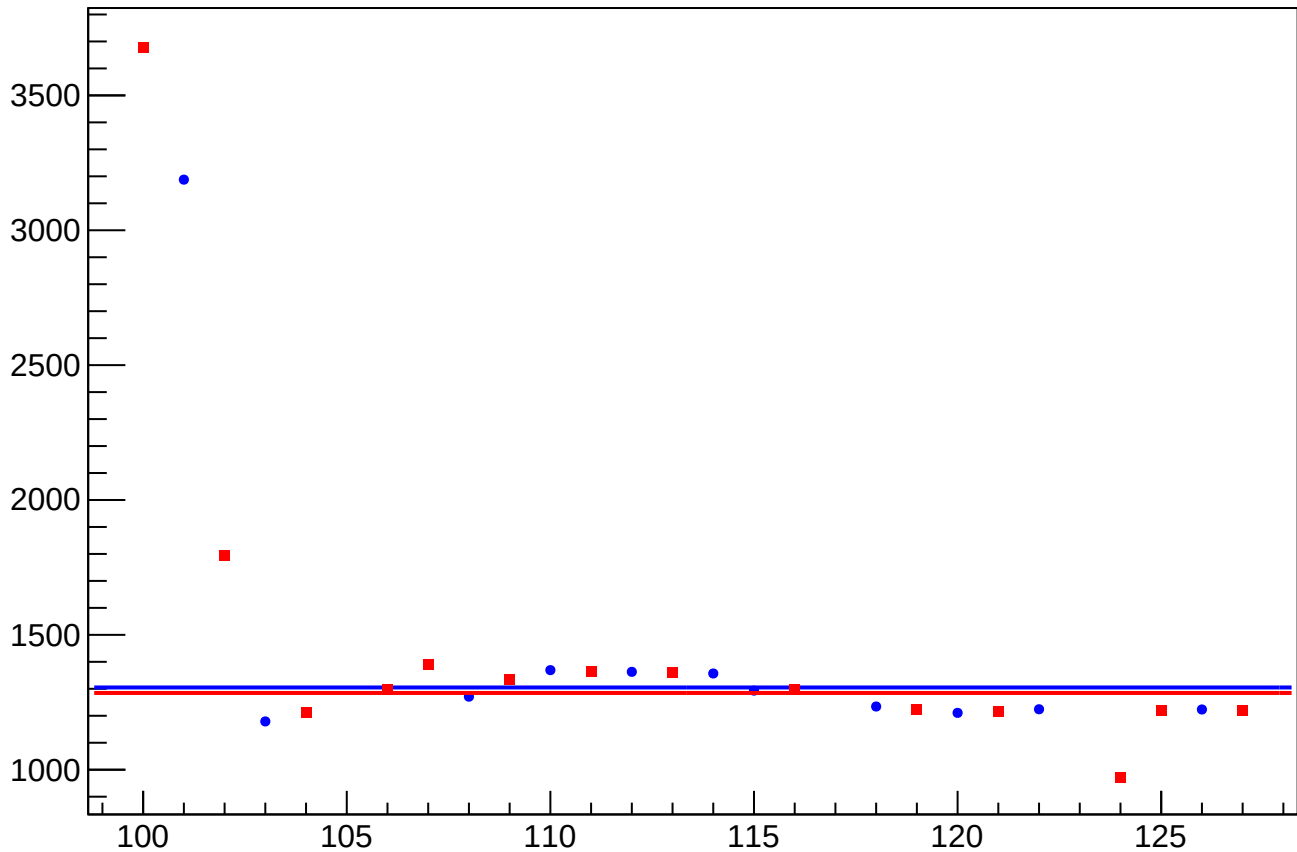
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -61.737+/-422.828 χ^2/NDF : 25.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1304.943+/-0.449 χ^2/NDF : 490054.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1284.573+/-0.401 χ^2/NDF : 191273.2/13

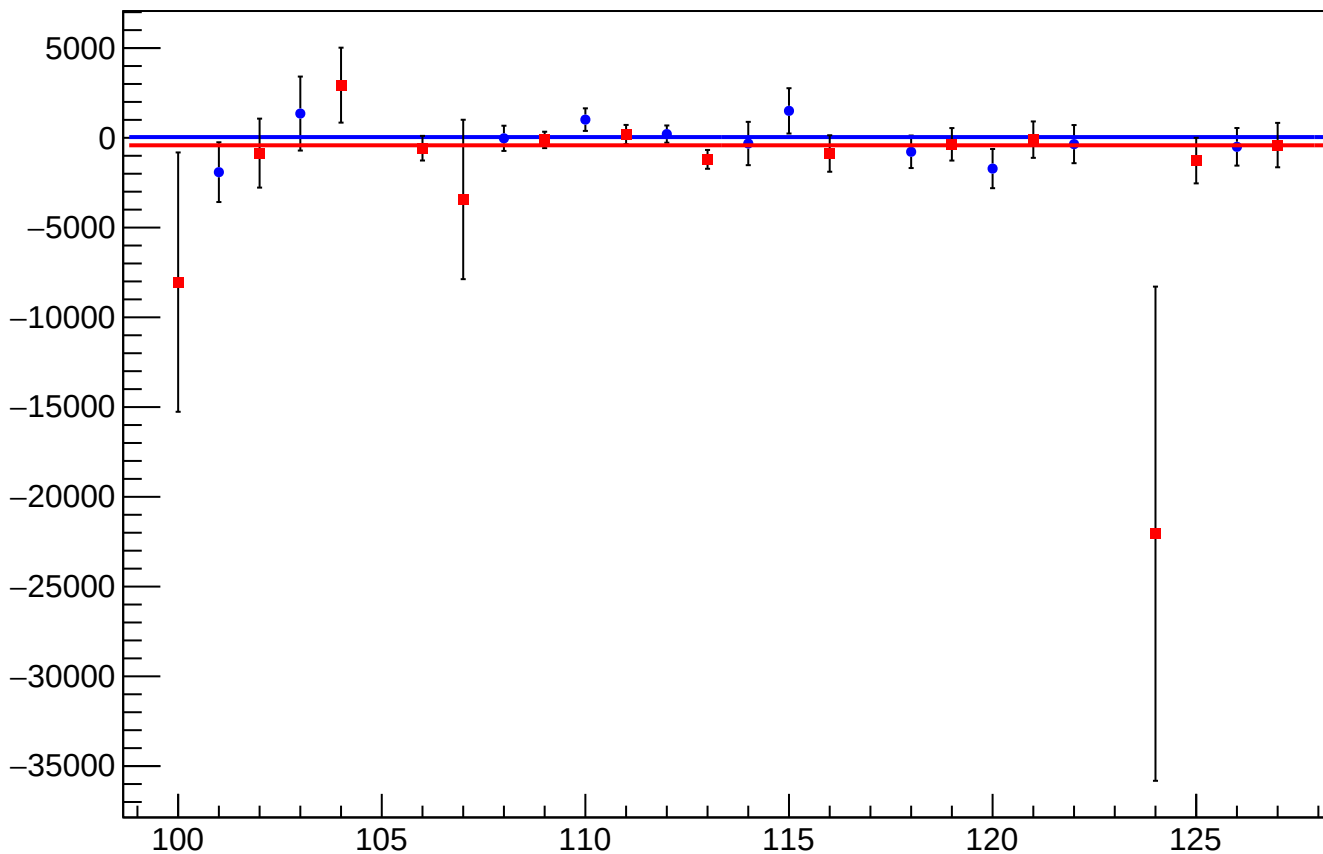
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1293.606+/-0.299 χ^2/NDF : 682473.0/24

- 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: 41.676 $\pm$ 261.062 χ^2 /NDF: 9.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -416.689 $\pm$ 228.967 χ^2 /NDF: 11.4/13

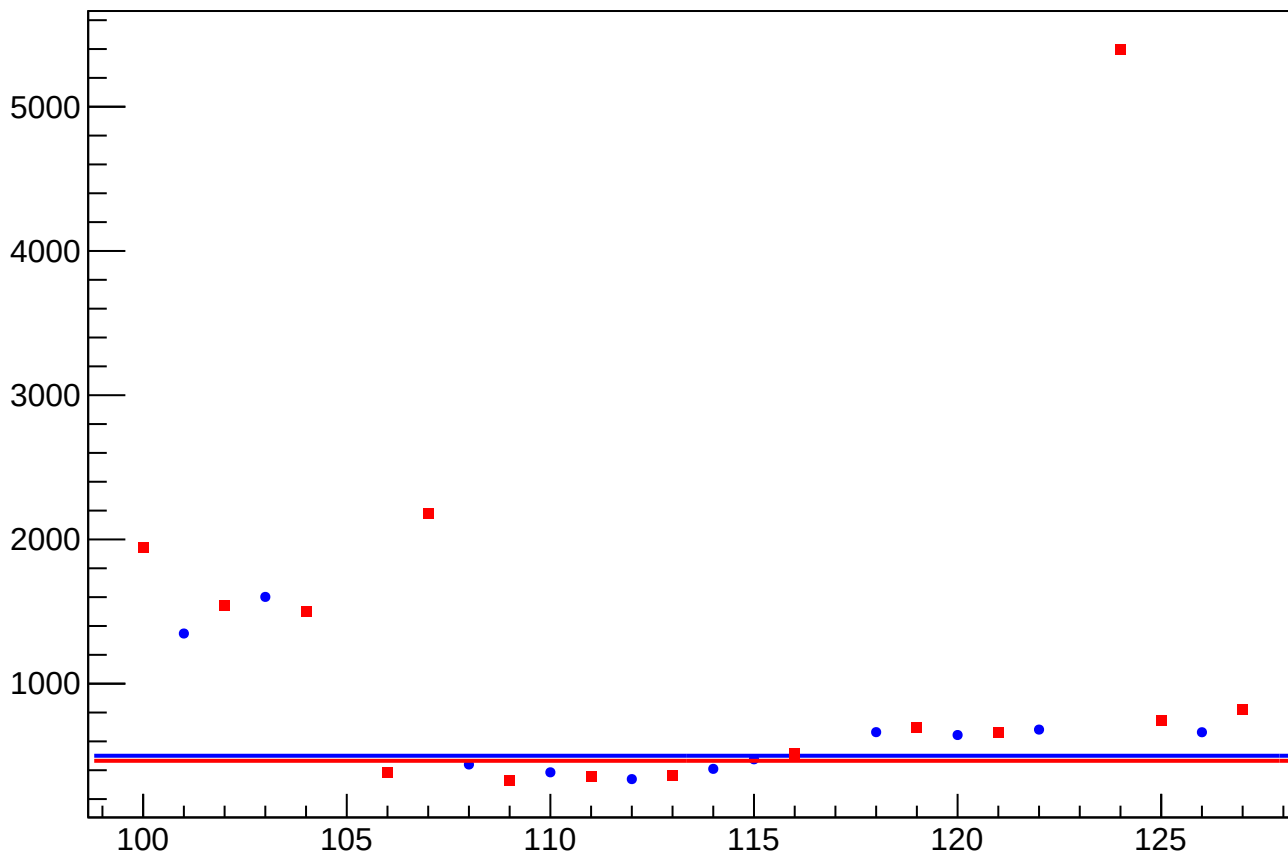
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -217.400 $\pm$ 172.140 χ^2 /NDF: 22.7/24

- 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: 500.390+/-0.185 χ^2/NDF : 1617988.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 465.368+/-0.162 χ^2/NDF : 2604999.5/13

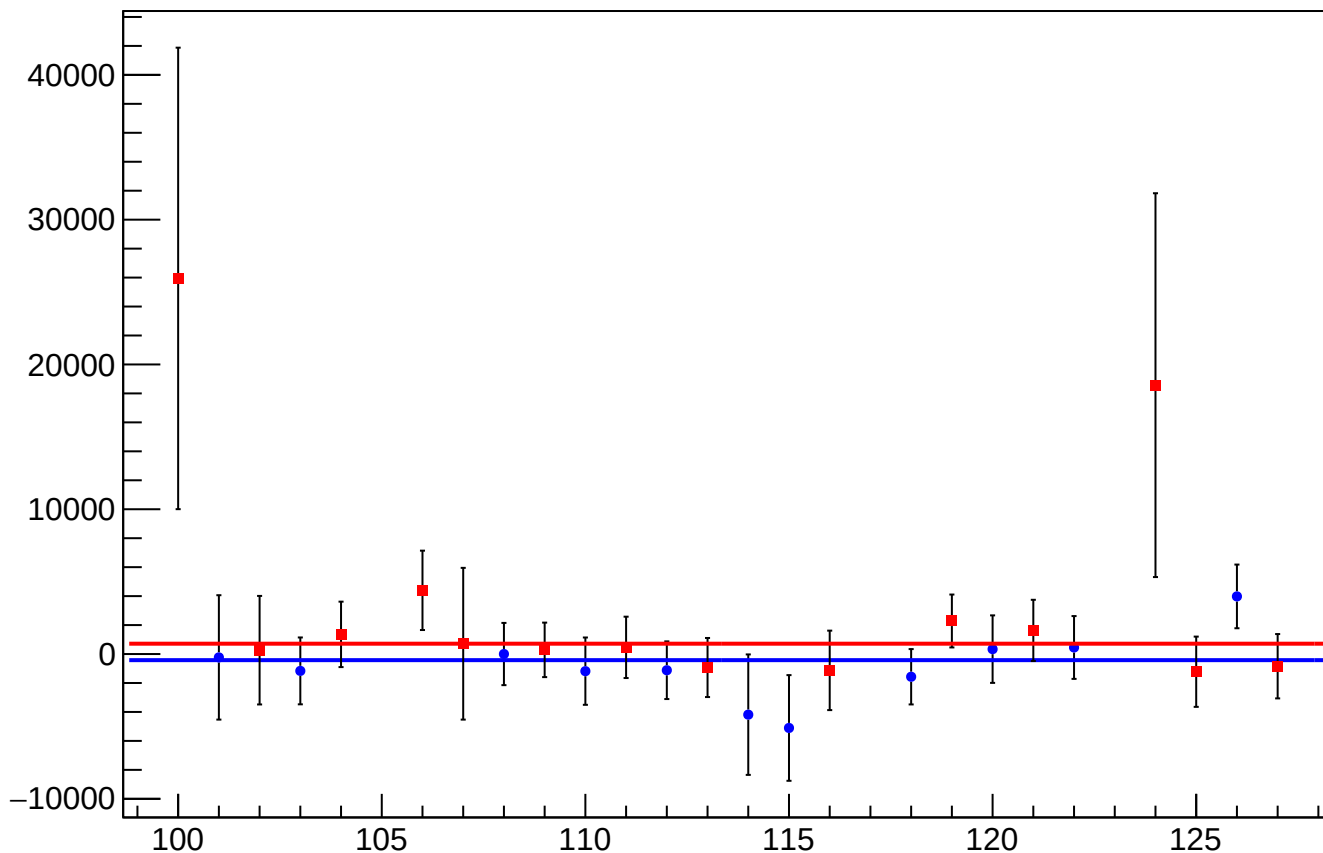
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 480.595+/-0.122 χ^2/NDF : 4243331.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -422.476+/-724.419 χ^2 /NDF: 7.5/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 713.952+/-671.151 χ^2 /NDF: 9.4/13

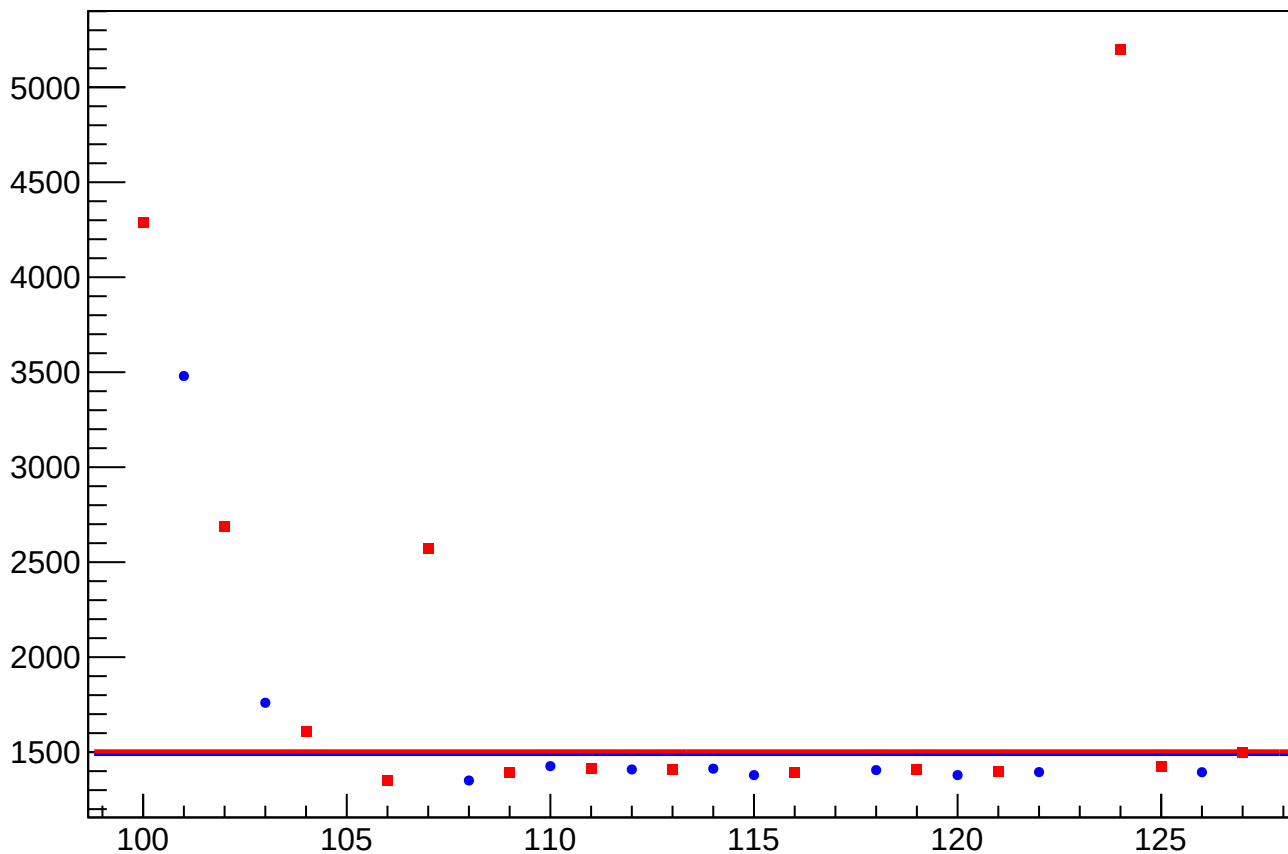
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 189.052+/-492.331 χ^2 /NDF: 18.2/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1489.908+/-0.512 χ^2/NDF : 488338.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1504.488+/-0.475 χ^2/NDF : 539632.2/13

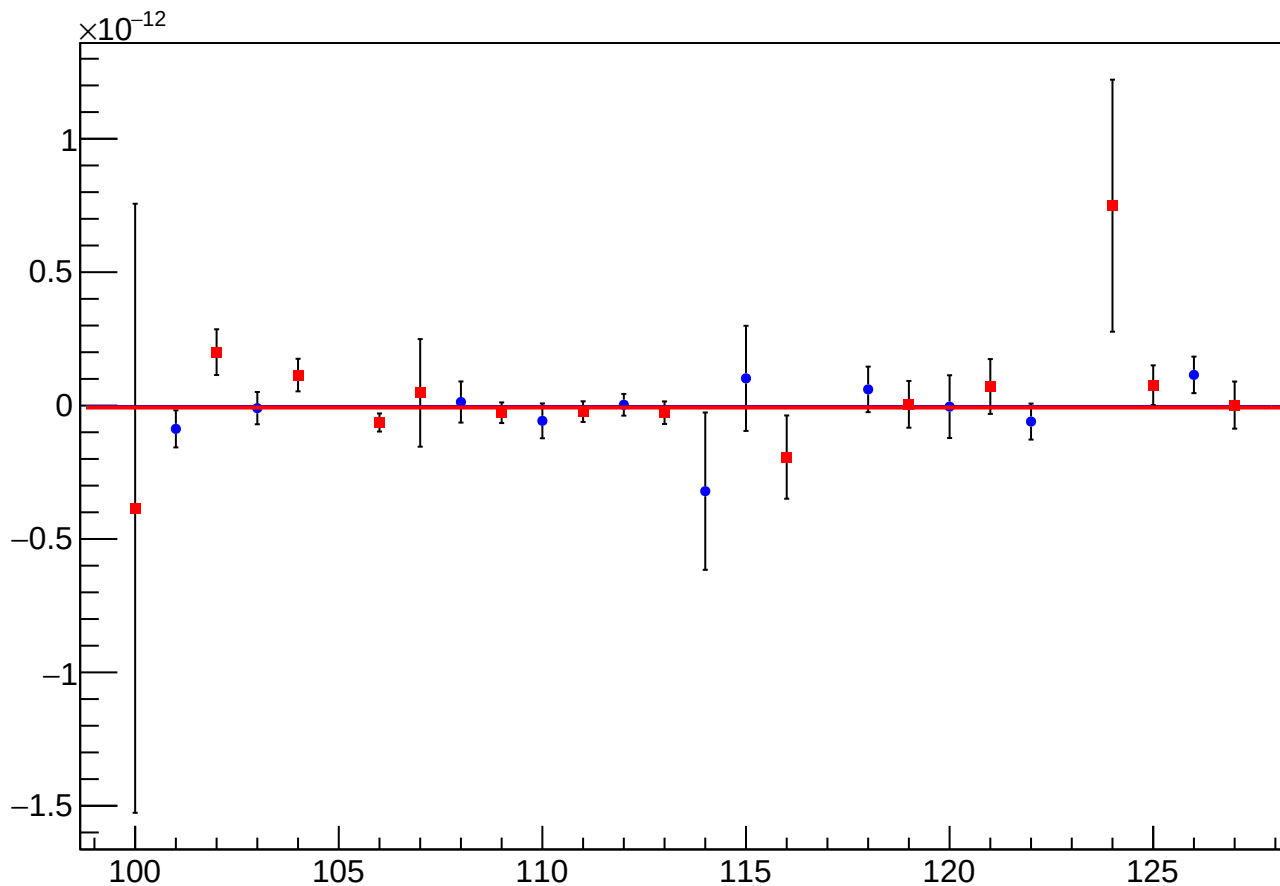
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1497.754+/-0.348 χ^2/NDF : 1028406.8/24

- 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: 7.9/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 19.3/13

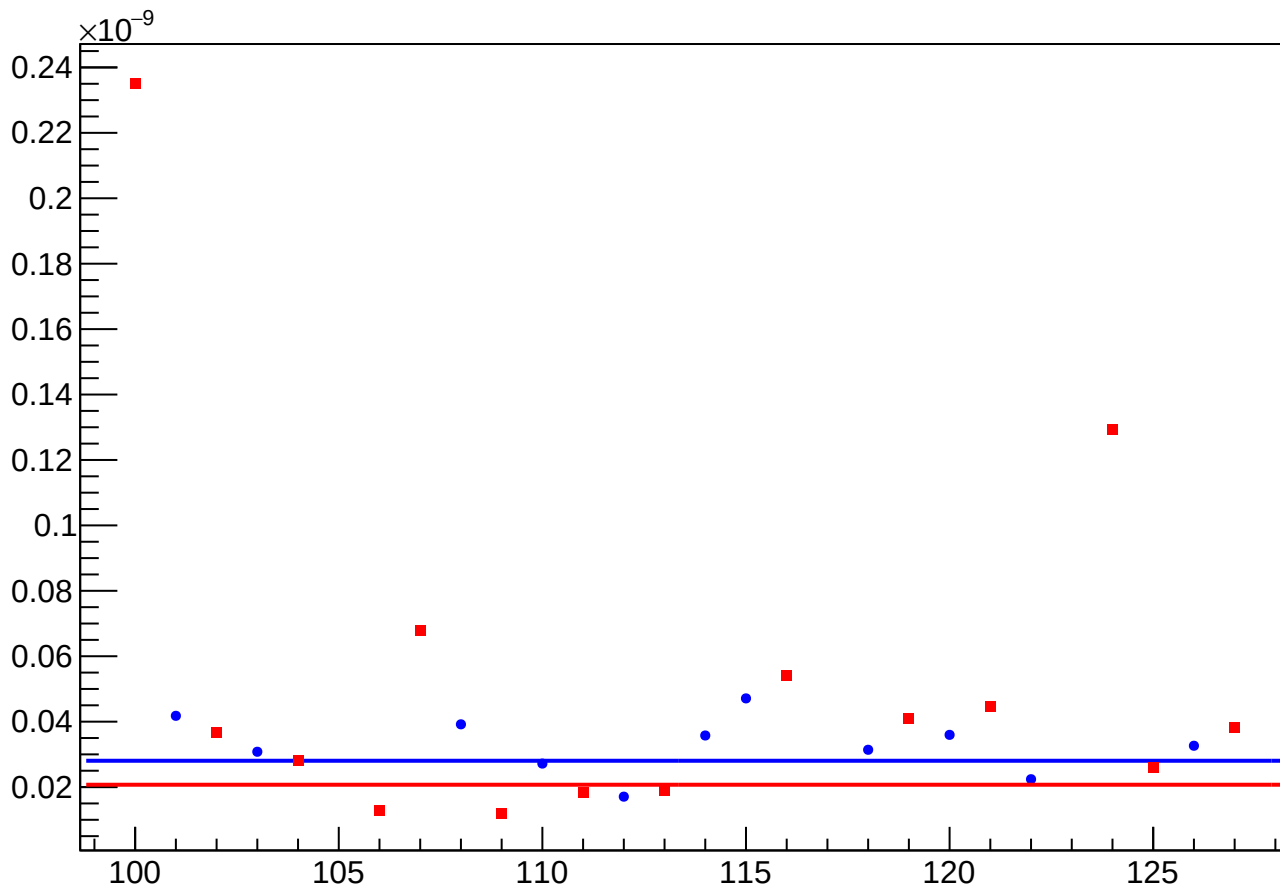
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 27.2/24

- 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 : 325124.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1006156.9/13

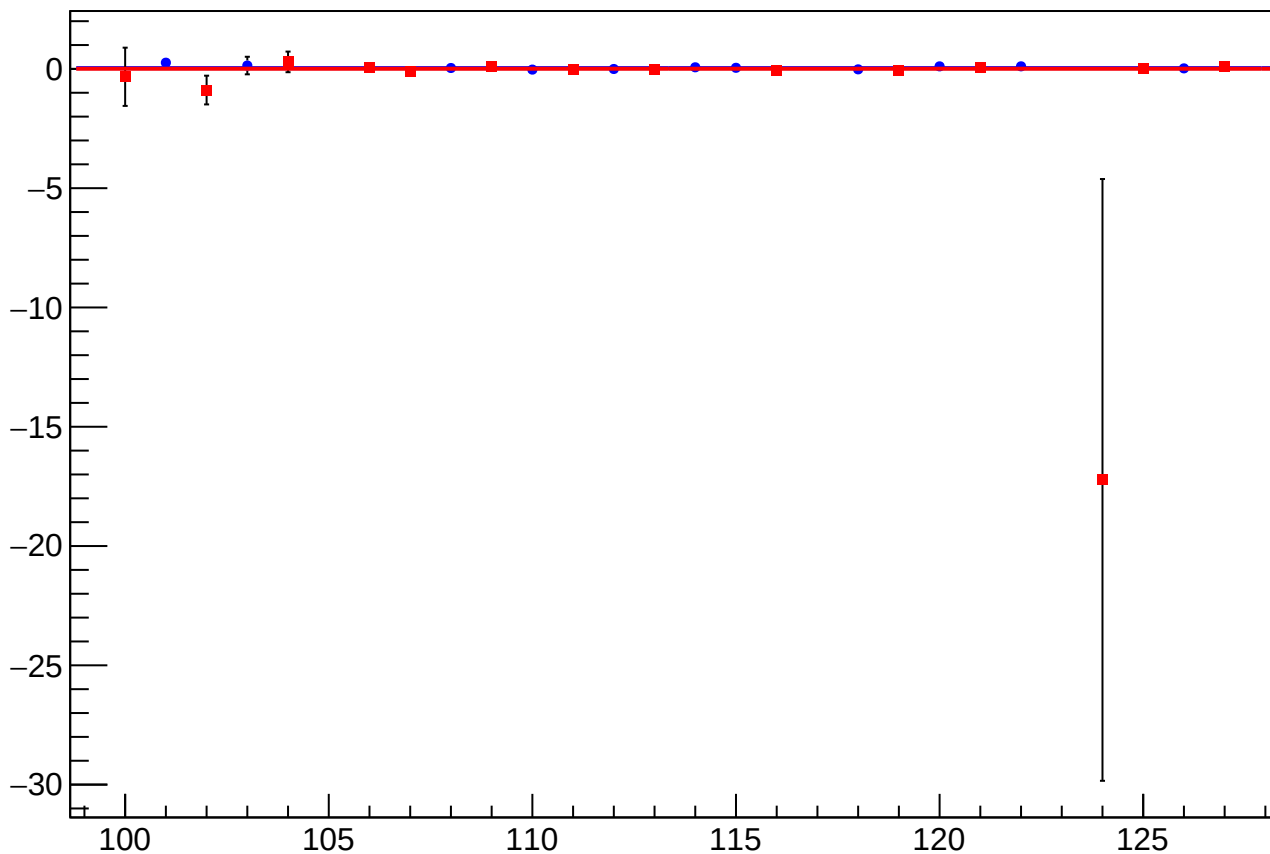
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1479291.4/24

- 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: 0.032 $\pm$ 0.020 χ^2 /NDF: 8.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.007 $\pm$ 0.020 χ^2 /NDF: 14.7/13

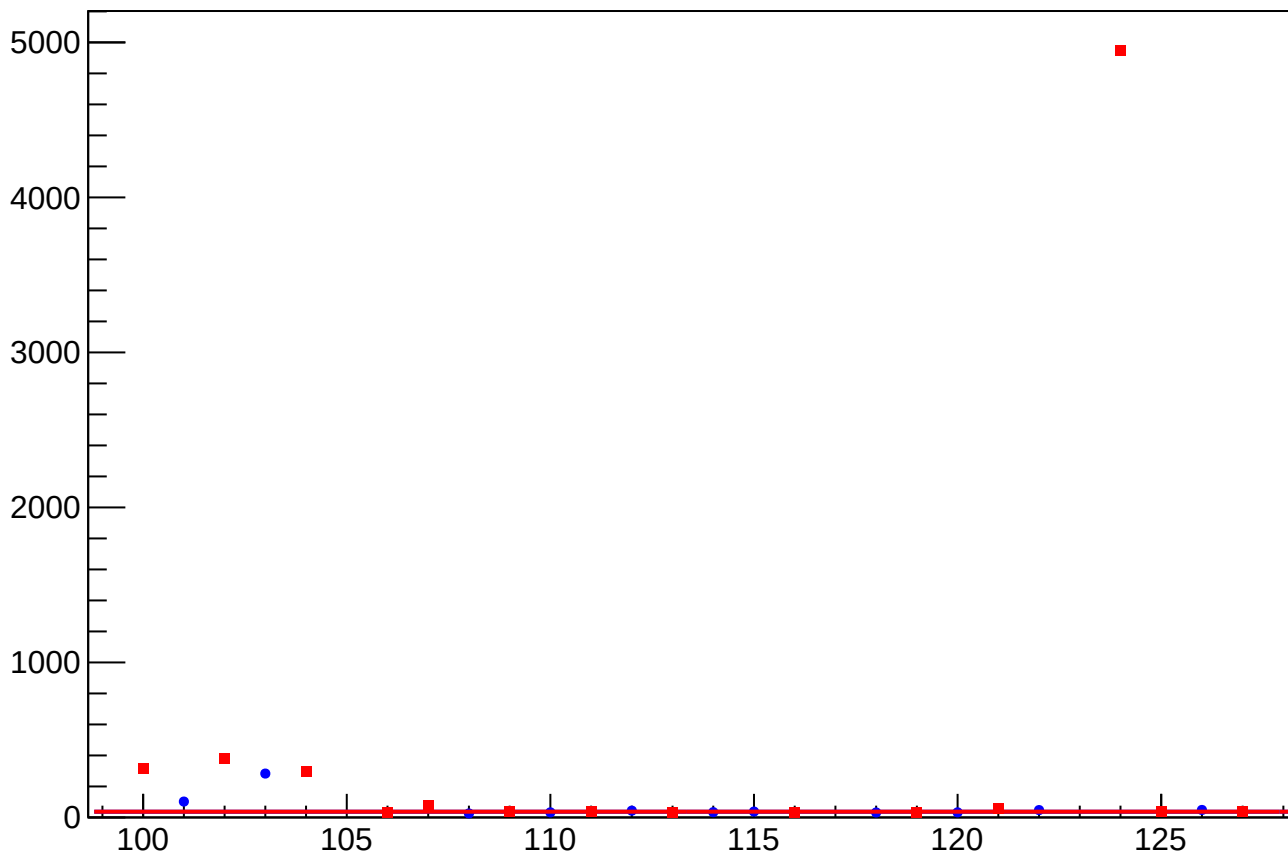
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.019 $\pm$ 0.014 χ^2 /NDF: 23.9/24

- 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: 36.807 $\pm$ 0.014 χ^2 /NDF: 1635078.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 37.316 $\pm$ 0.014 χ^2 /NDF: 2060997.1/13

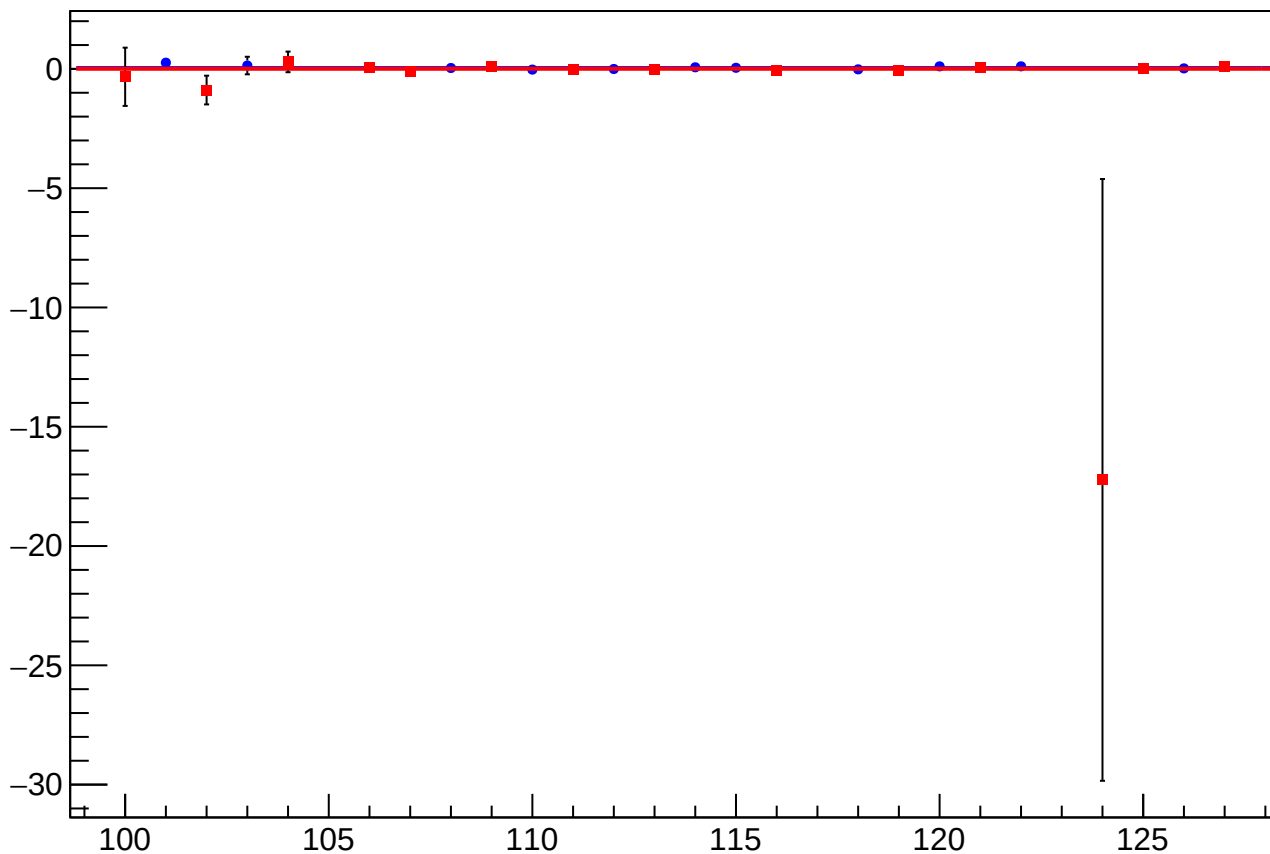
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 37.071 $\pm$ 0.010 χ^2 /NDF: 3696728.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.032 $\pm$ 0.020 χ^2 /NDF: 8.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.007 $\pm$ 0.020 χ^2 /NDF: 14.7/13

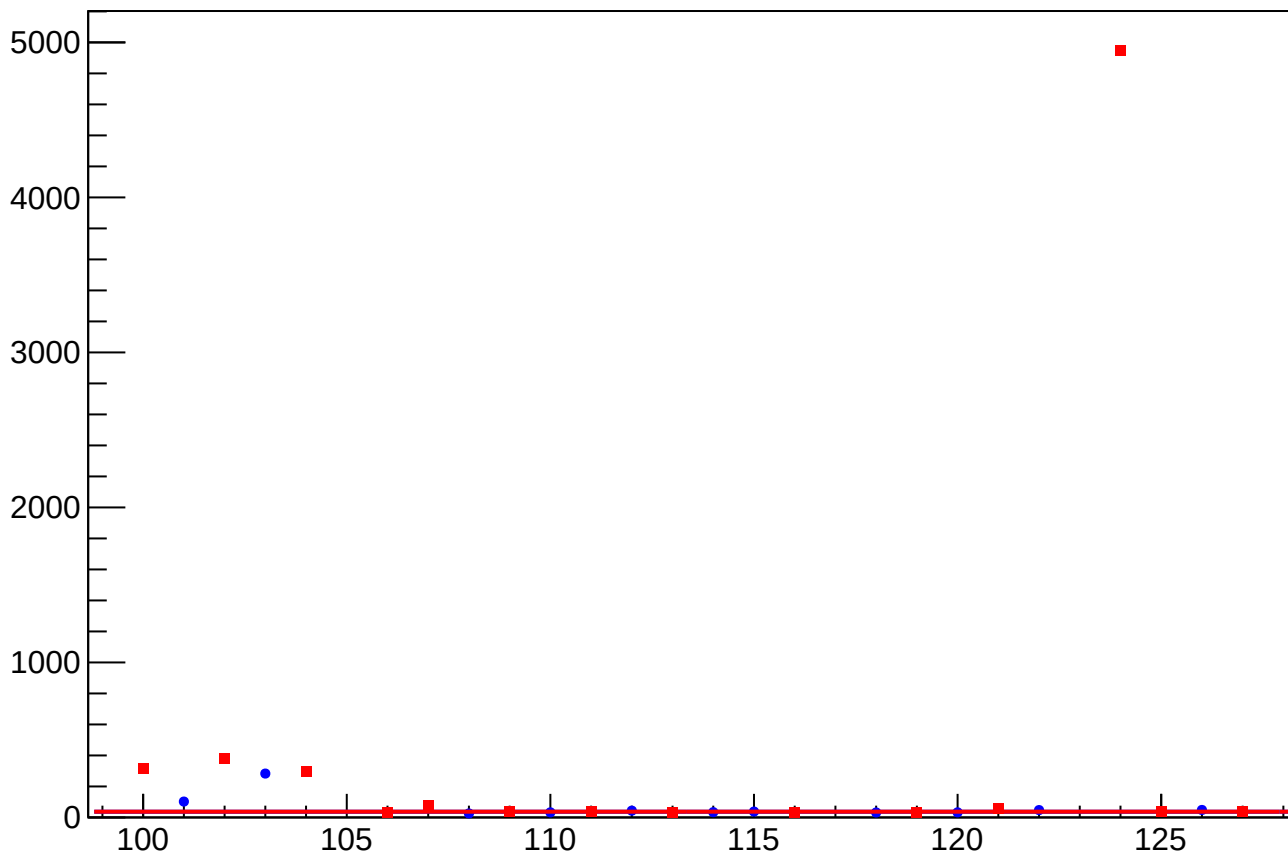
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.019 $\pm$ 0.014 χ^2 /NDF: 23.9/24

- 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: 36.807 $\pm$ 0.014 χ^2 /NDF: 1635078.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 37.316 $\pm$ 0.014 χ^2 /NDF: 2060997.1/13

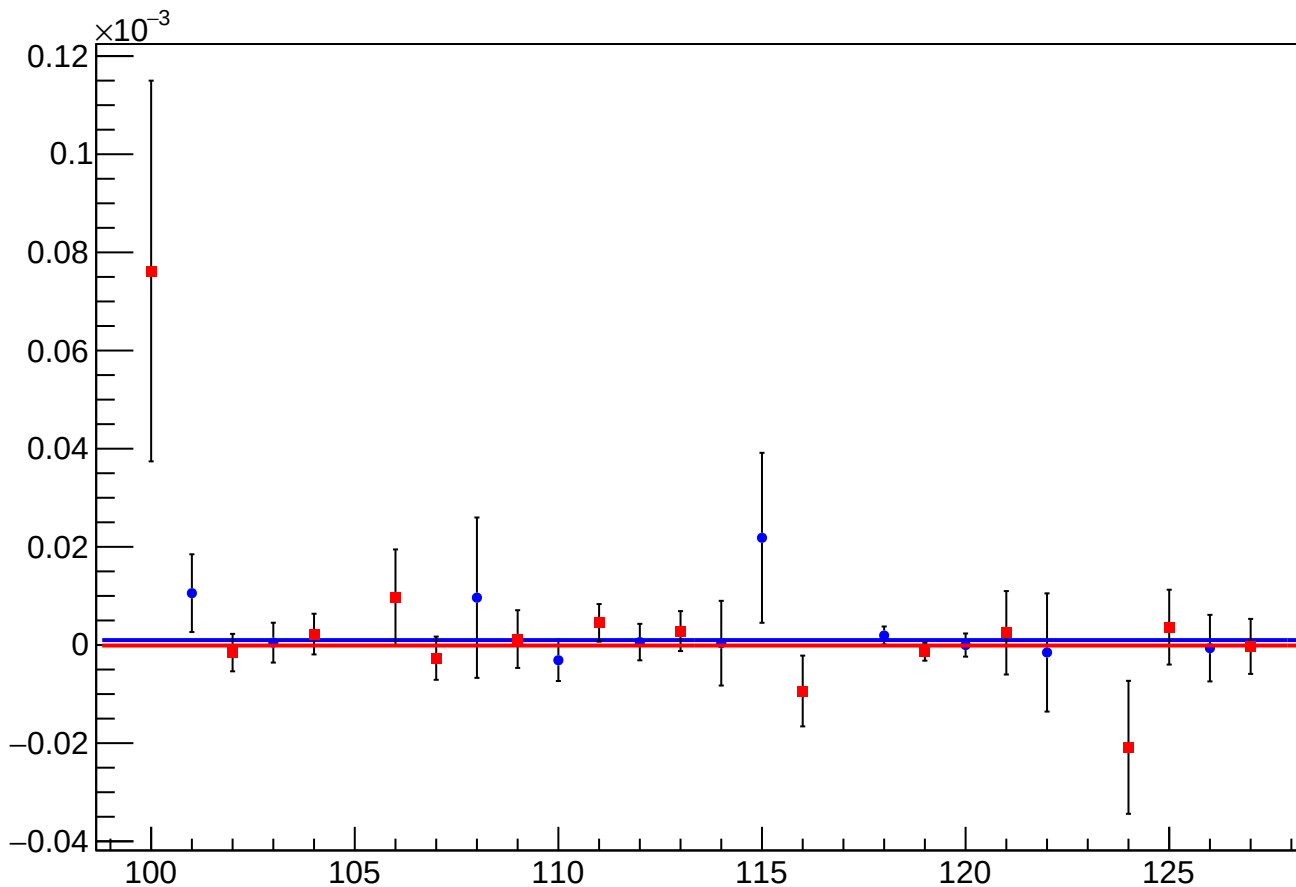
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 37.071 $\pm$ 0.010 χ^2 /NDF: 3696728.5/24

- sign 0.000 $\pm$ 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: 4.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.5/13

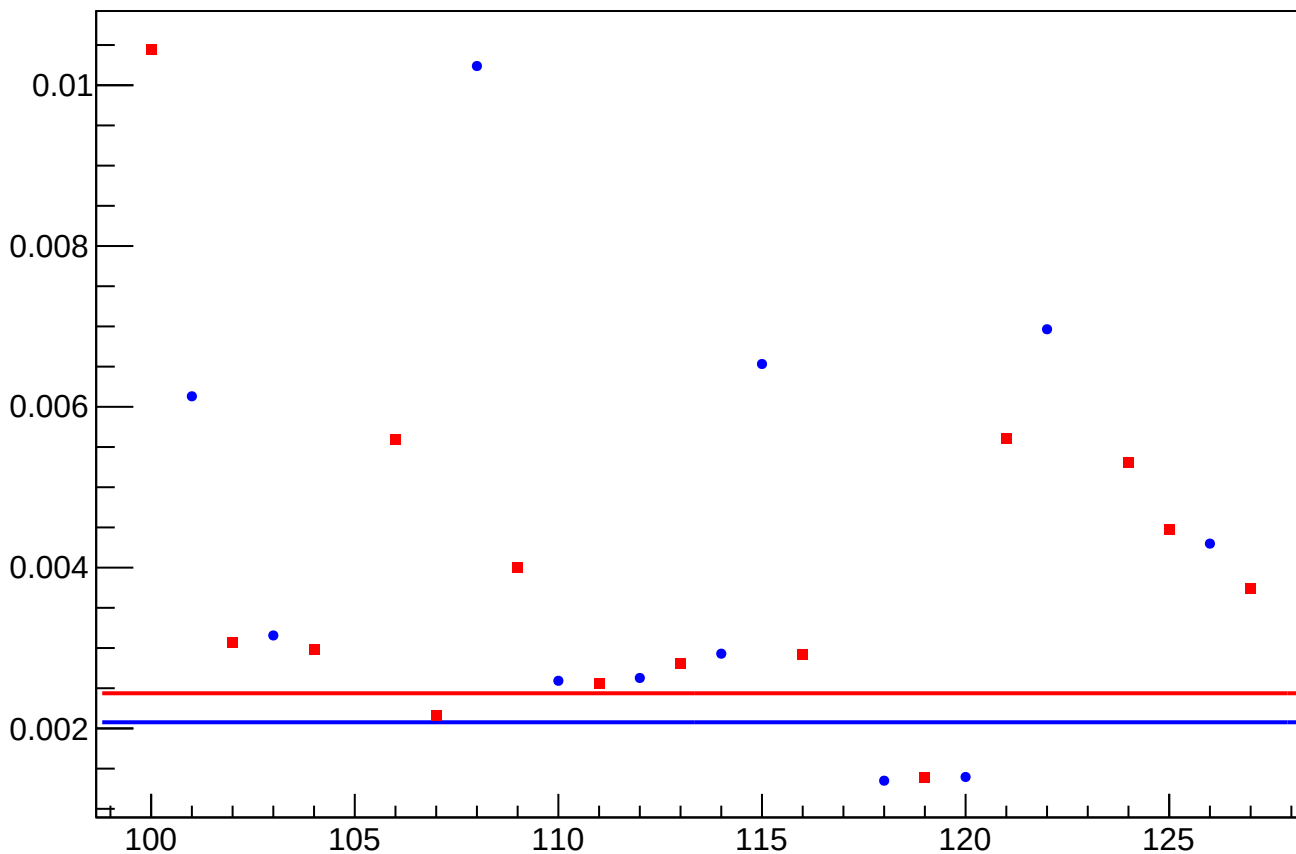
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.7/24

- 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 : 2413932.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1846032.4/13

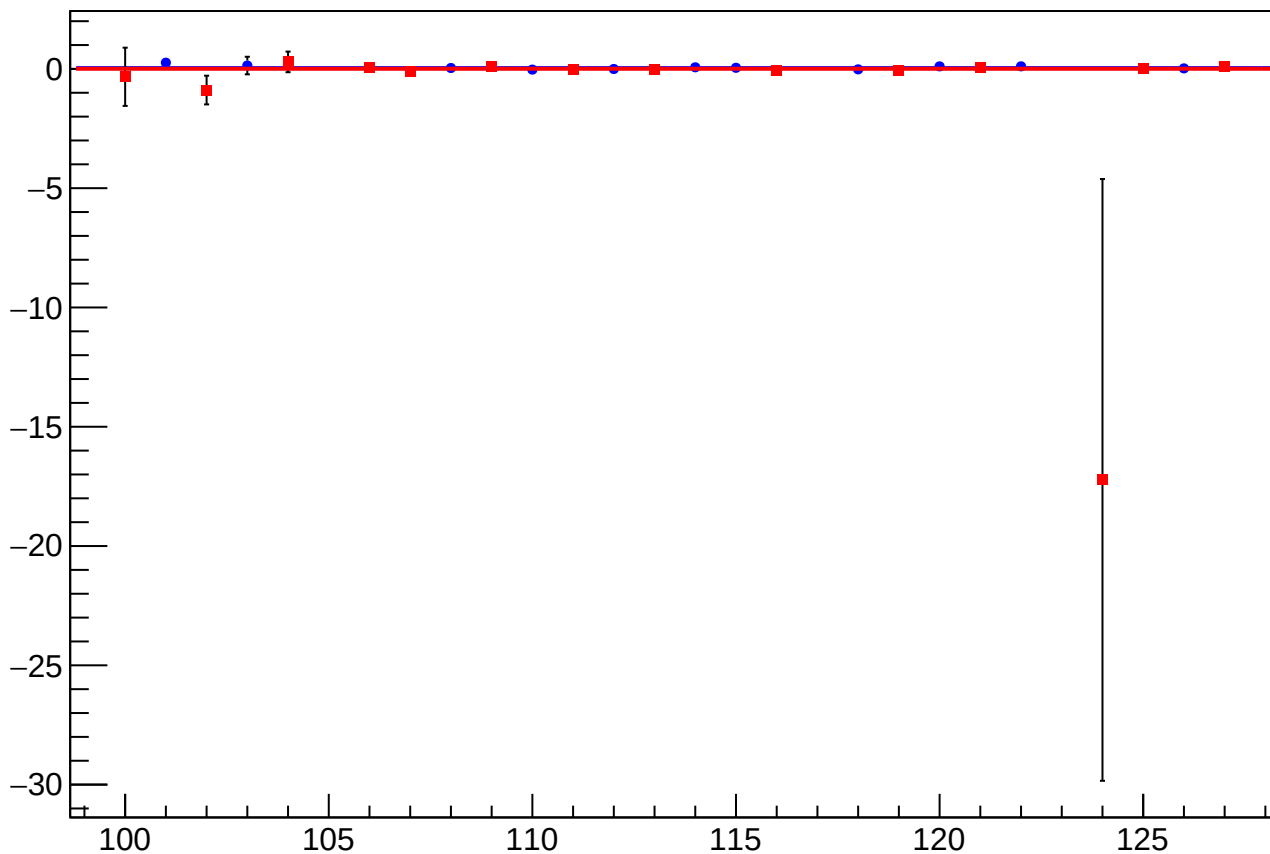
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4355674.5/24

- 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: 0.032 $\pm$ 0.020 χ^2 /NDF: 8.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.007 $\pm$ 0.020 χ^2 /NDF: 14.7/13

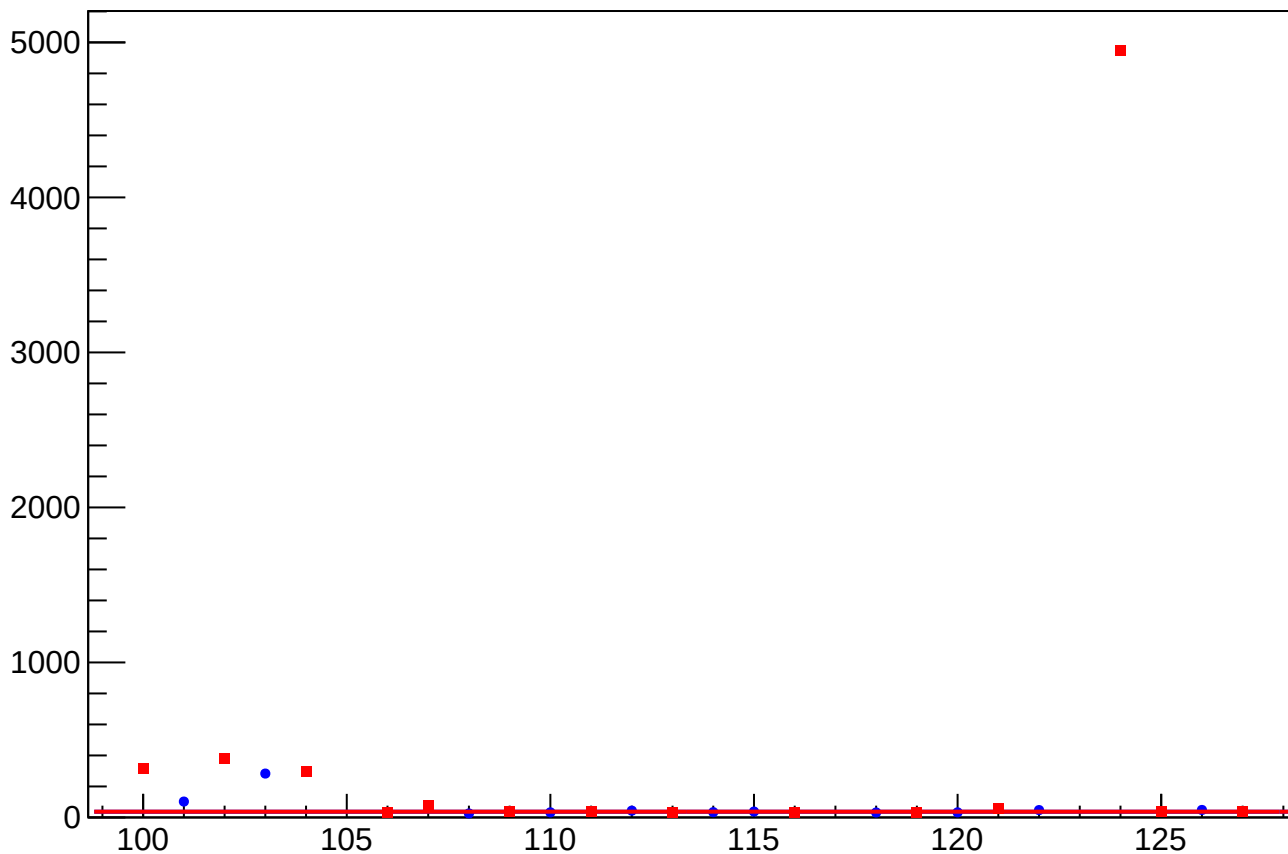
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

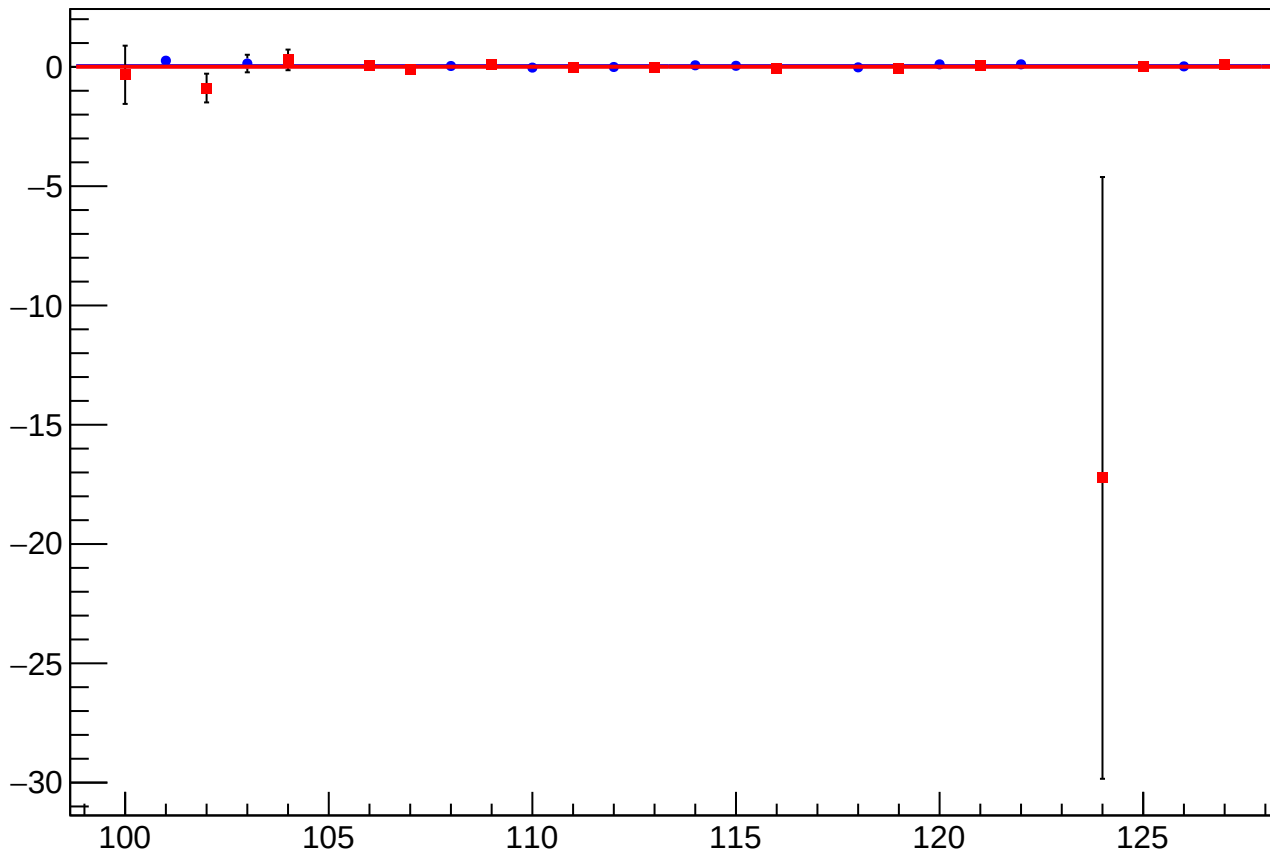
All: 0.019 $\pm$ 0.014 χ^2 /NDF: 23.9/24

- 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



asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.032 $\pm$ 0.020 χ^2 /NDF: 8.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.007 $\pm$ 0.020 χ^2 /NDF: 14.7/13

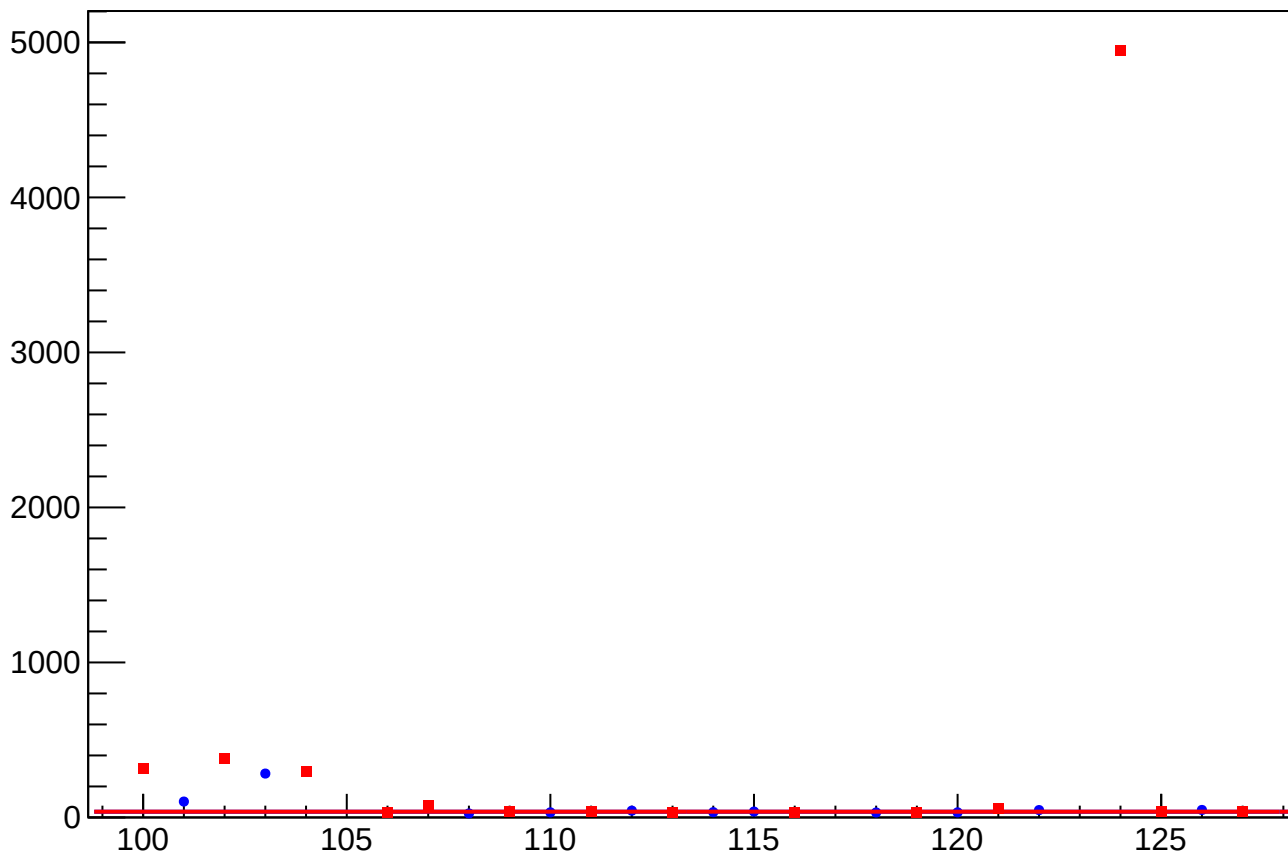
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.019 $\pm$ 0.014 χ^2 /NDF: 23.9/24

- 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: 36.808+/-0.014 χ^2/NDF : 1634995.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.316+/-0.014 χ^2/NDF : 2060997.2/13

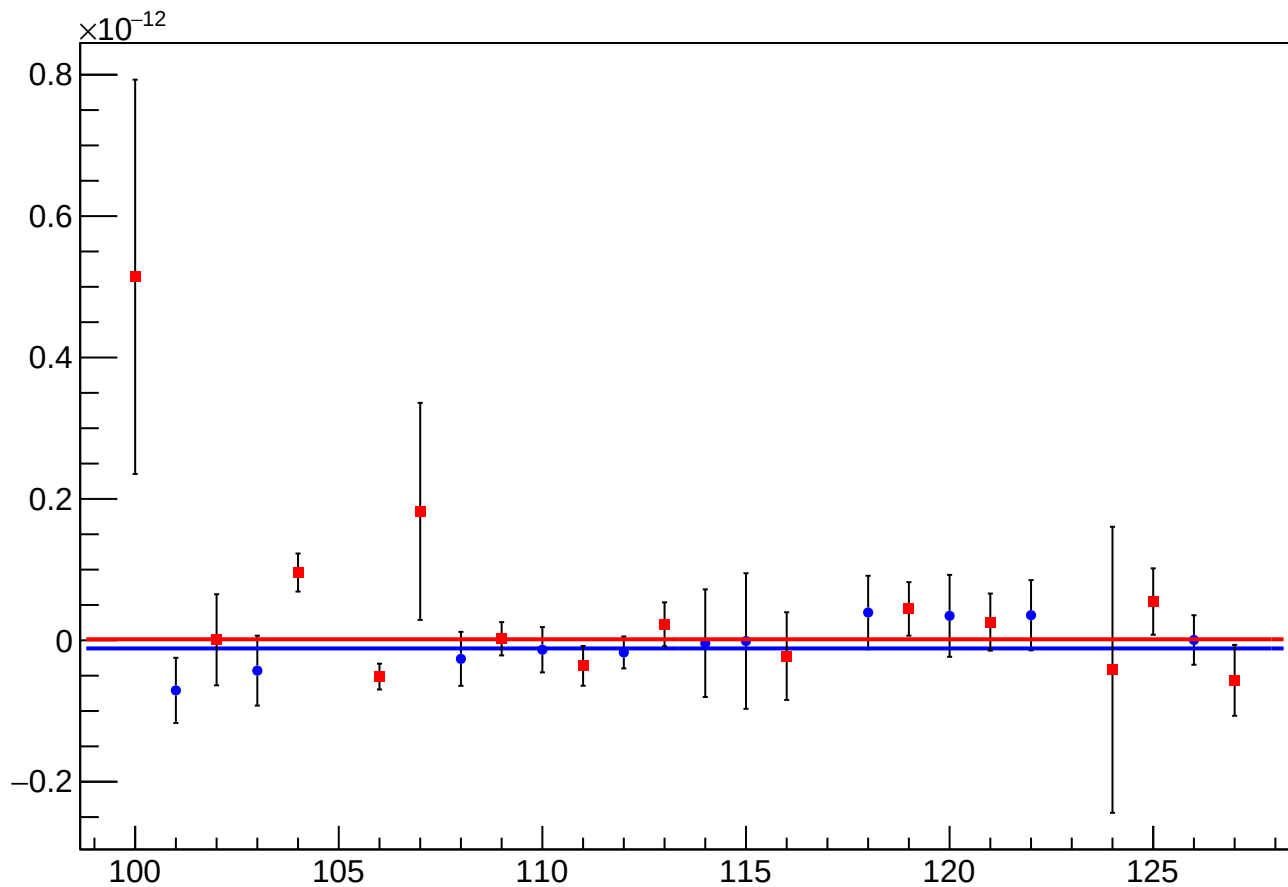
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.071+/-0.010 χ^2/NDF : 3696642.4/24

- sign 0.000+/-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+/-0.000 χ^2/NDF : 4.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 32.2/13

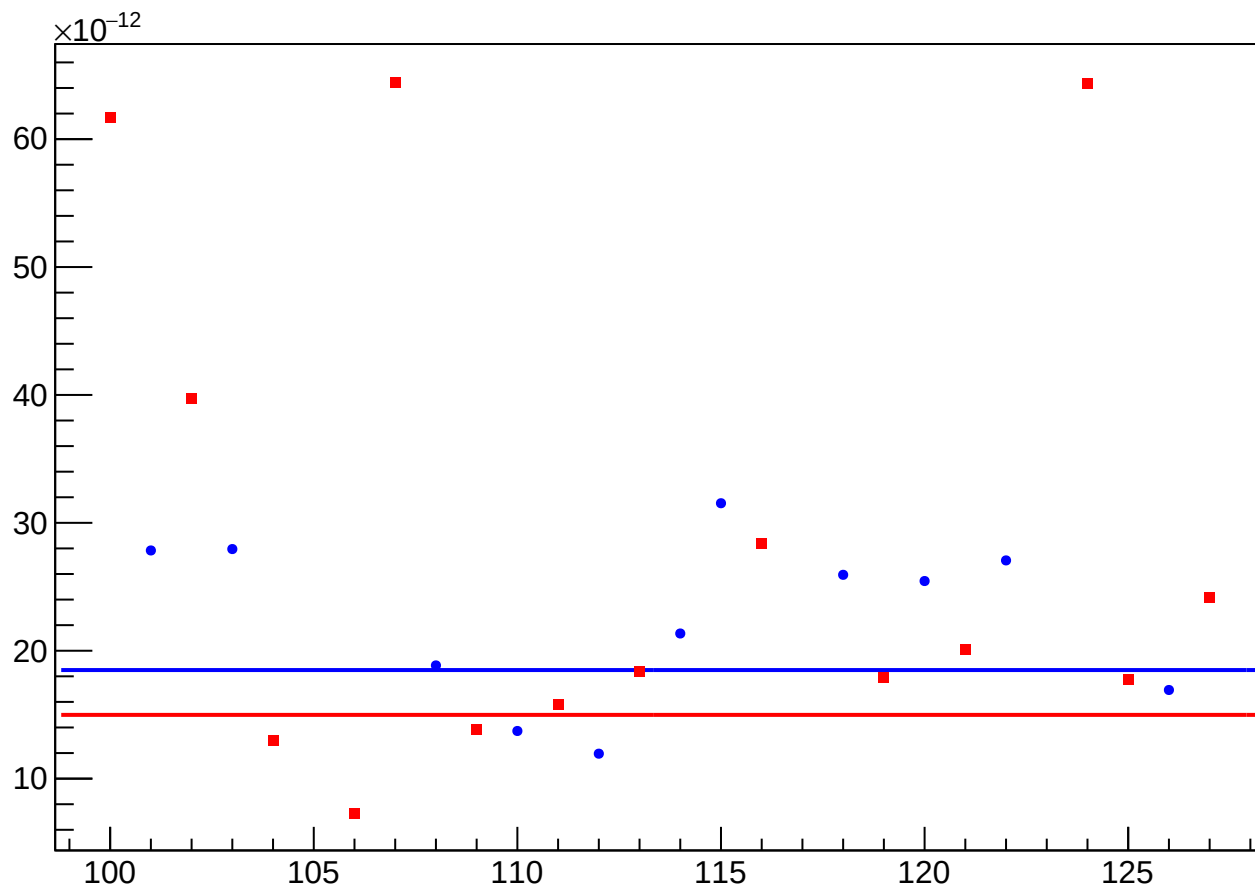
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 37.8/24

- sign 0.000+/-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 : 540825.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1290987.3/13

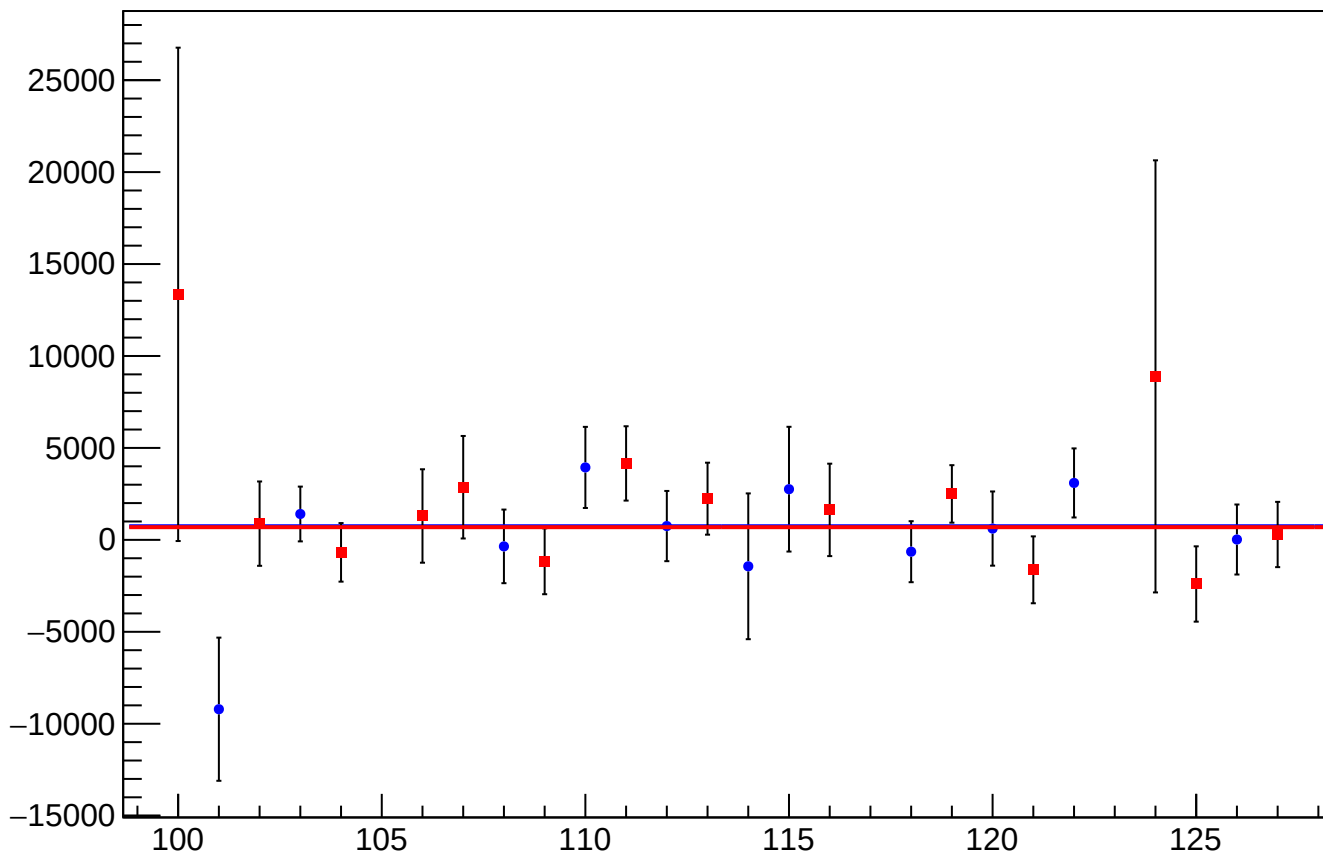
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1934695.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 741.592+/-624.353 χ^2/NDF : 12.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 690.040+/-565.806 χ^2/NDF : 12.9/13

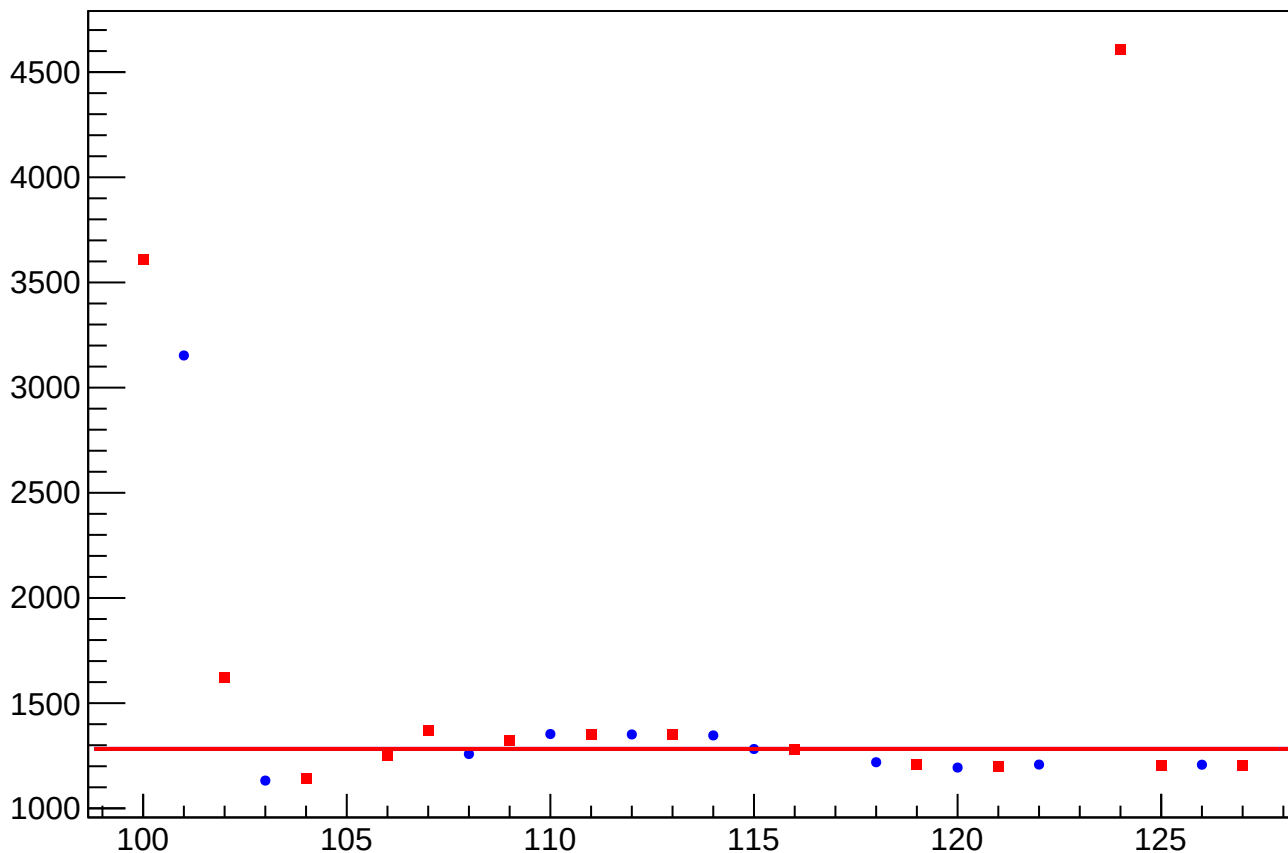
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 713.286+/-419.260 χ^2/NDF : 25.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1282.565+/-0.441 χ^2/NDF : 500595.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1282.424+/-0.400 χ^2/NDF : 304551.2/13

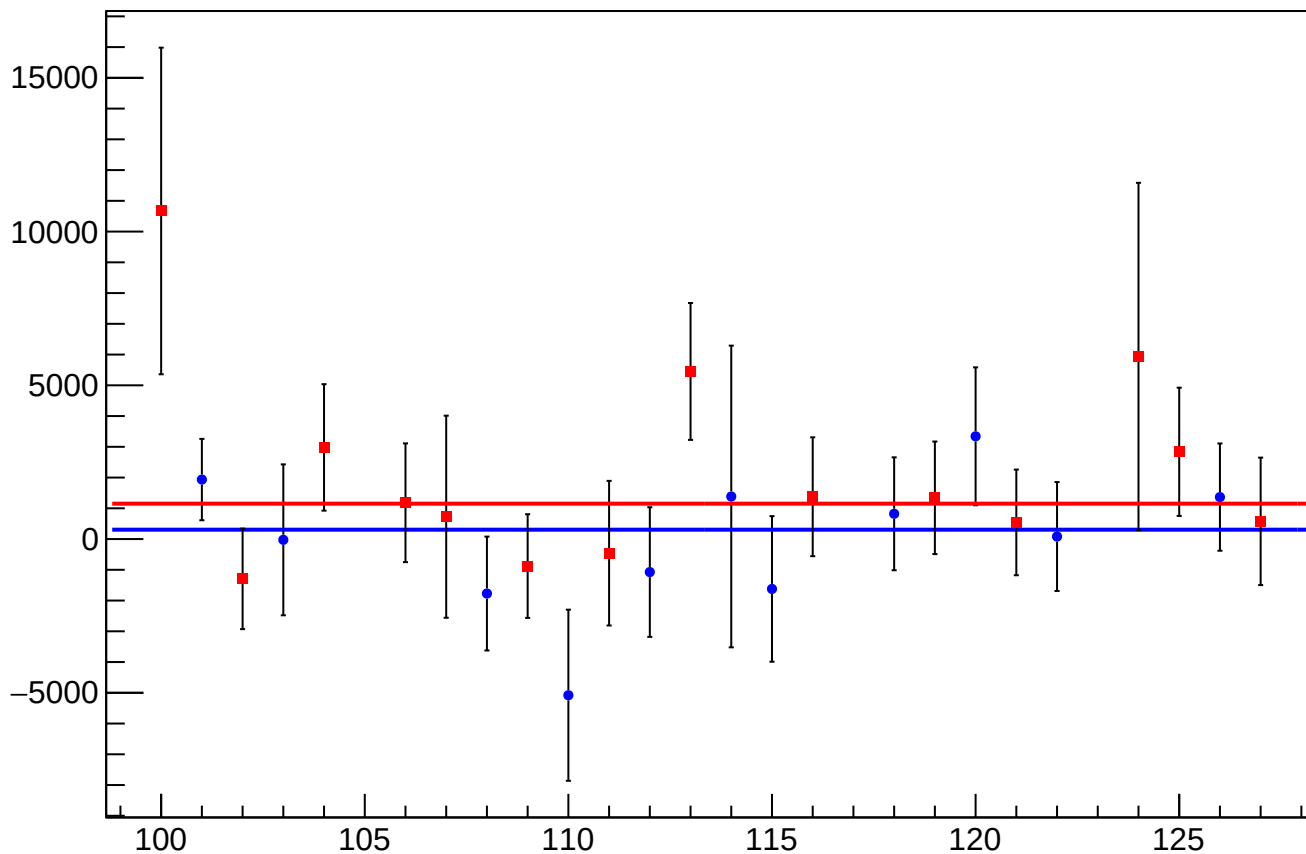
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1282.488+/-0.296 χ^2/NDF : 805146.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_reg_correction_mean vs Slug



Right In: 304.735 $\pm$ 603.548 χ^2 /NDF: 10.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1151.046 $\pm$ 564.341 χ^2 /NDF: 13.5/13

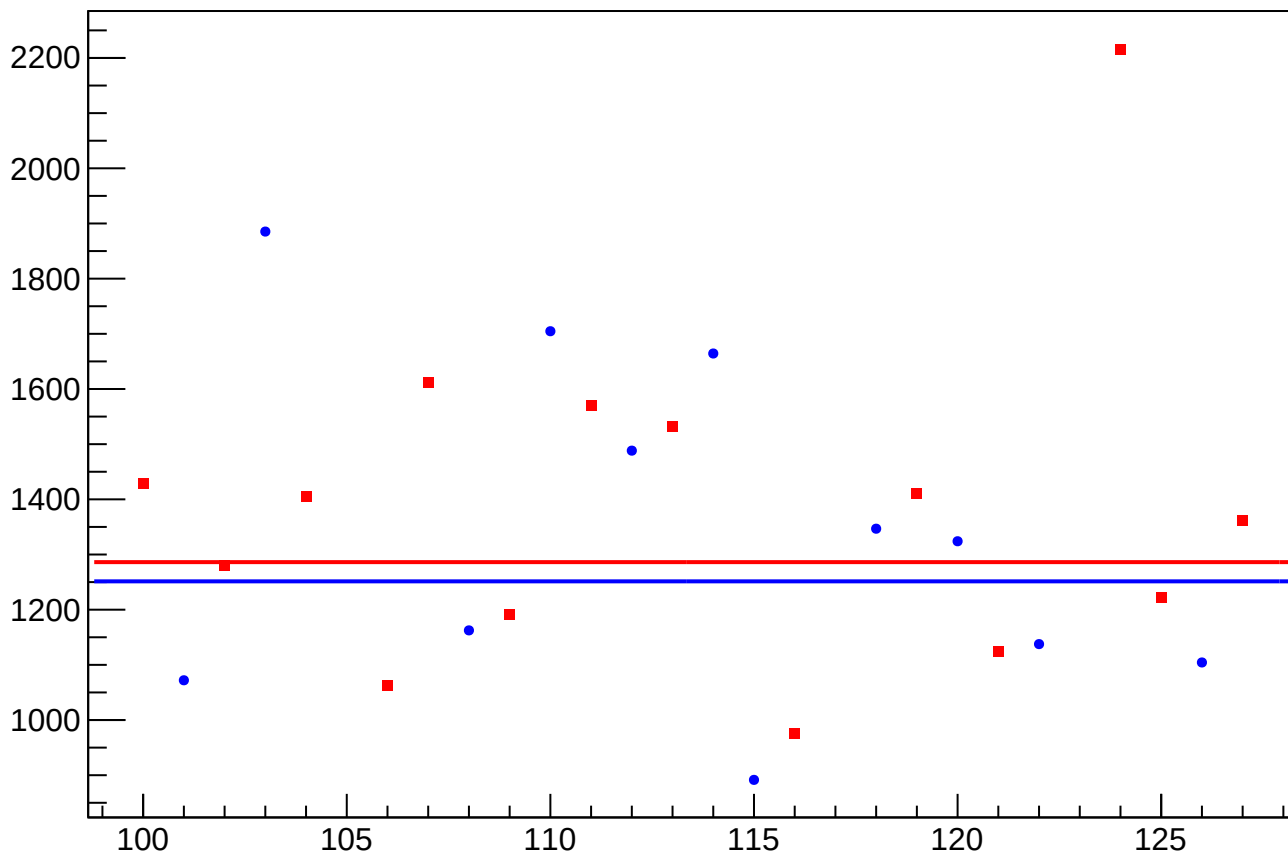
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 756.269 $\pm$ 412.213 χ^2 /NDF: 24.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_reg_correction_rms vs Slug



Right In: 1251.361+/-0.427 χ^2/NDF : 343408.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1286.199+/-0.399 χ^2/NDF : 251765.9/13

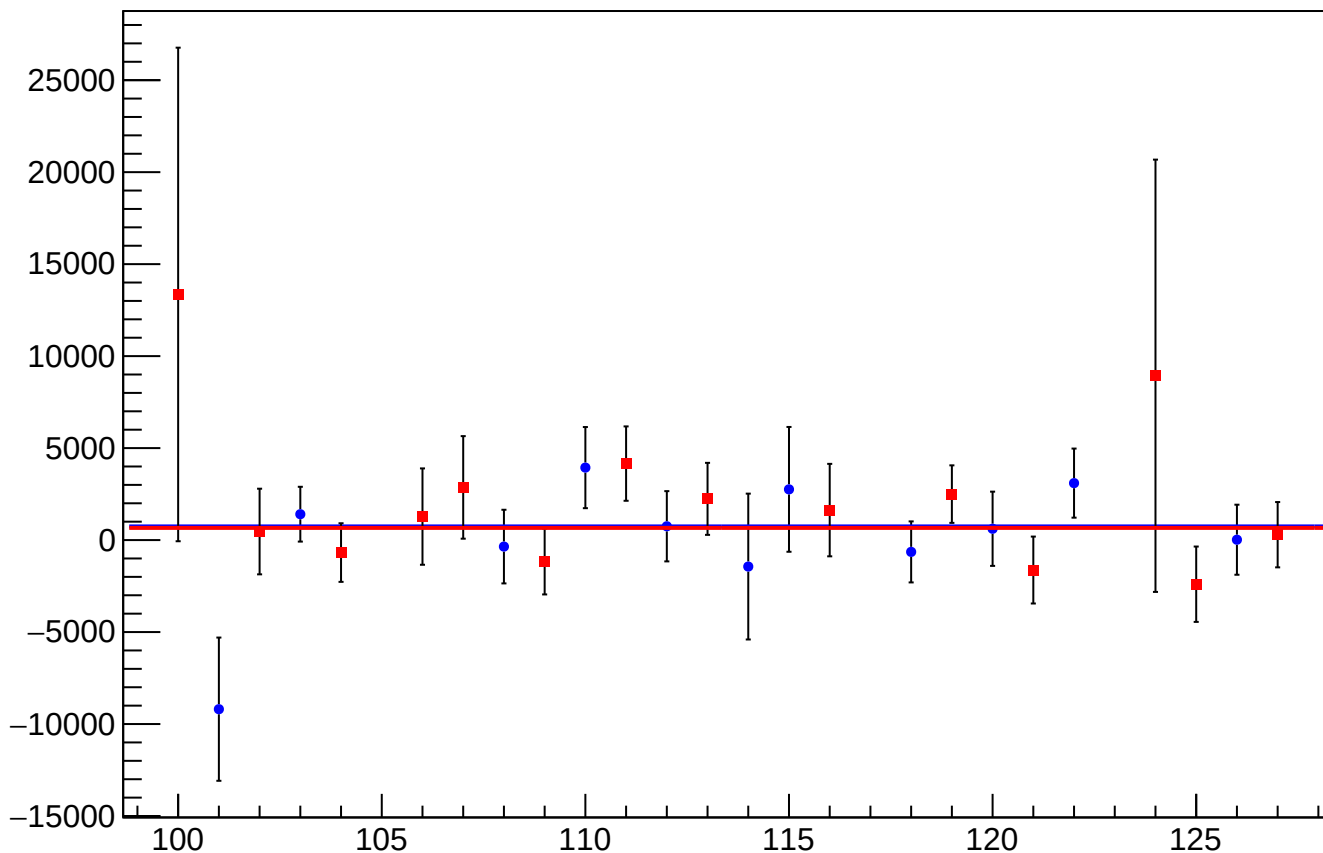
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1269.948+/-0.291 χ^2/NDF : 598729.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 742.047 $\pm$ 624.354 χ^2 /NDF: 12.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 662.440 $\pm$ 567.142 χ^2 /NDF: 12.9/13

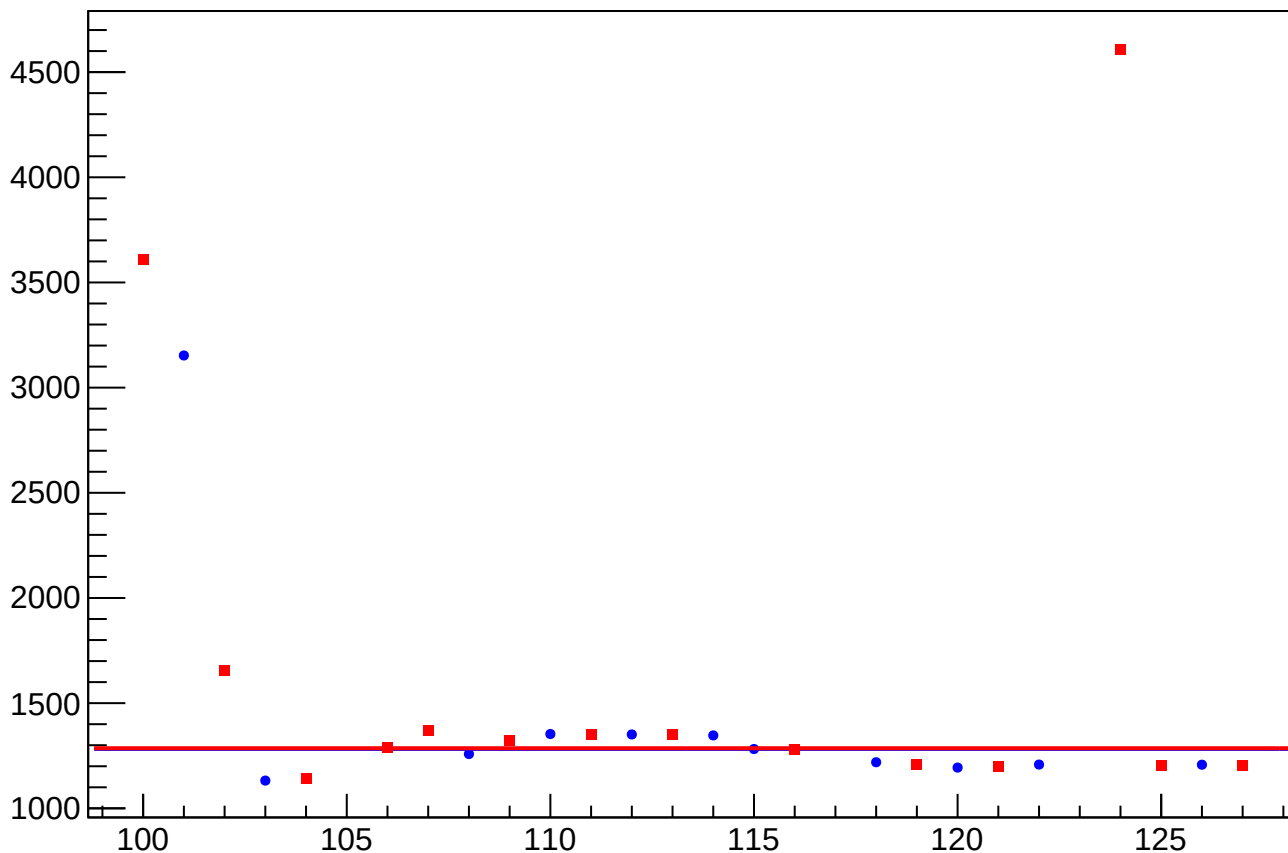
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 698.430 $\pm$ 419.802 χ^2 /NDF: 25.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1282.565+/-0.441 χ^2/NDF : 500596.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1285.603+/-0.401 χ^2/NDF : 311187.6/13

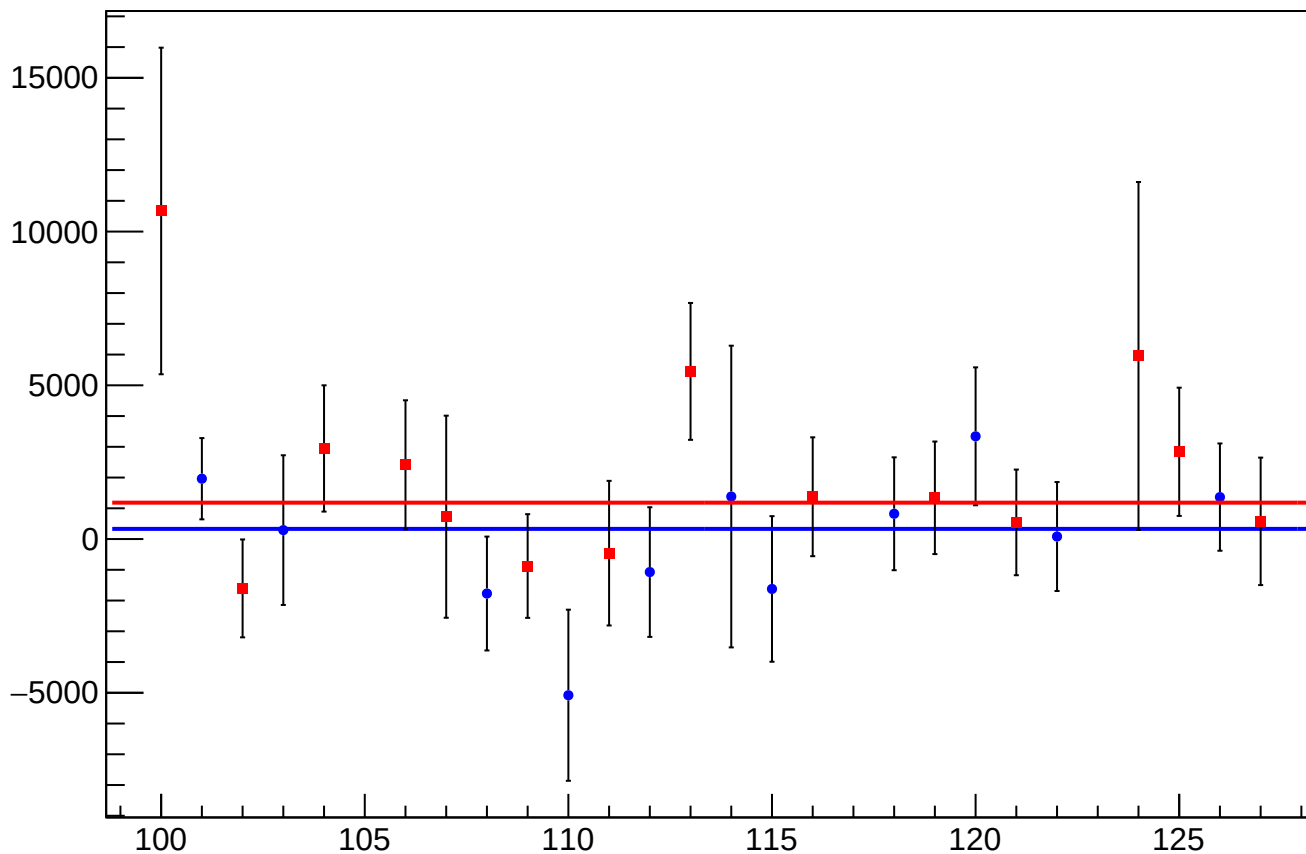
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1284.229+/-0.297 χ^2/NDF : 811810.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_cor_correction_mean vs Slug



Right In: 330.582 $\pm$ 603.046 χ^2 /NDF: 10.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1183.716 $\pm$ 566.151 χ^2 /NDF: 14.6/13

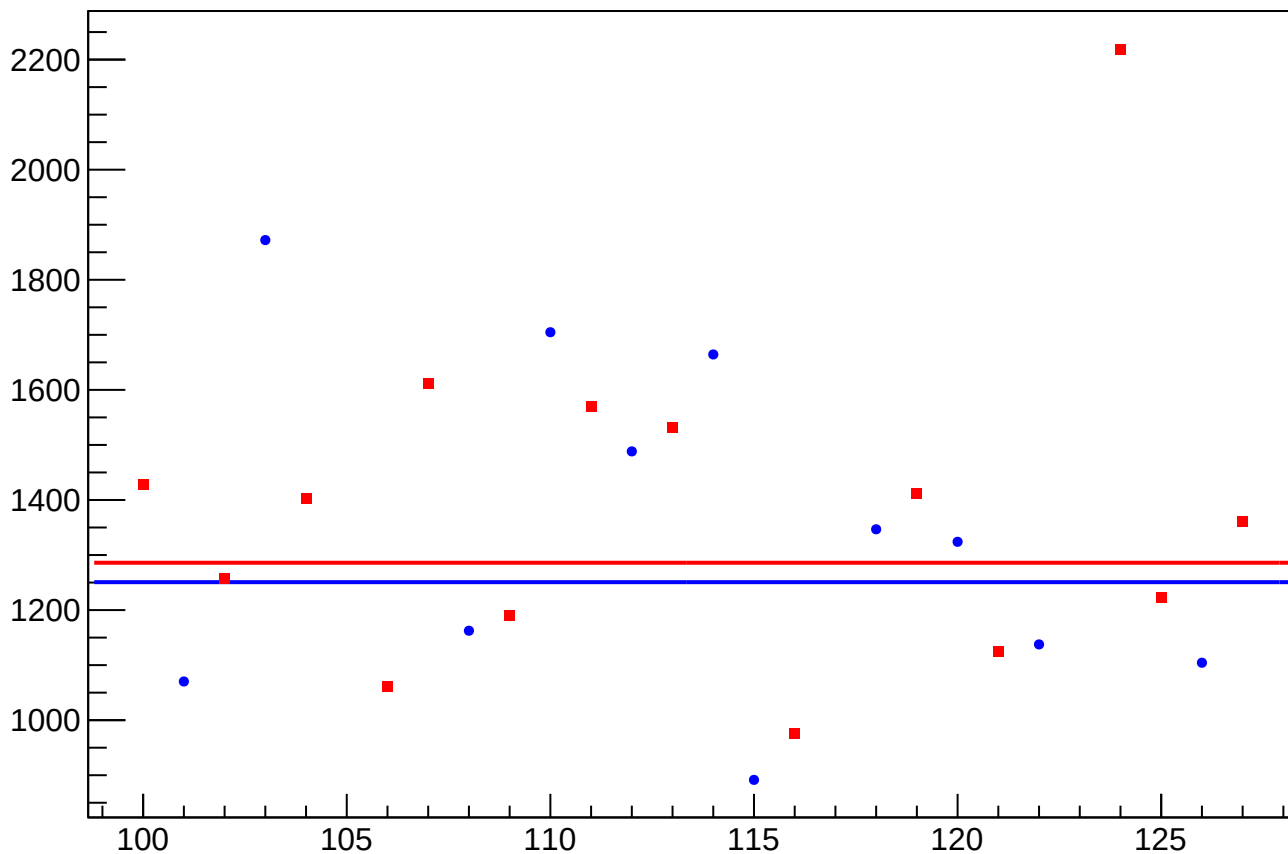
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 784.043 $\pm$ 412.757 χ^2 /NDF: 25.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_cor_correction_rms vs Slug



Right In: 1250.698+/-0.426 χ^2/NDF : 340882.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1285.977+/-0.400 χ^2/NDF : 248855.1/13

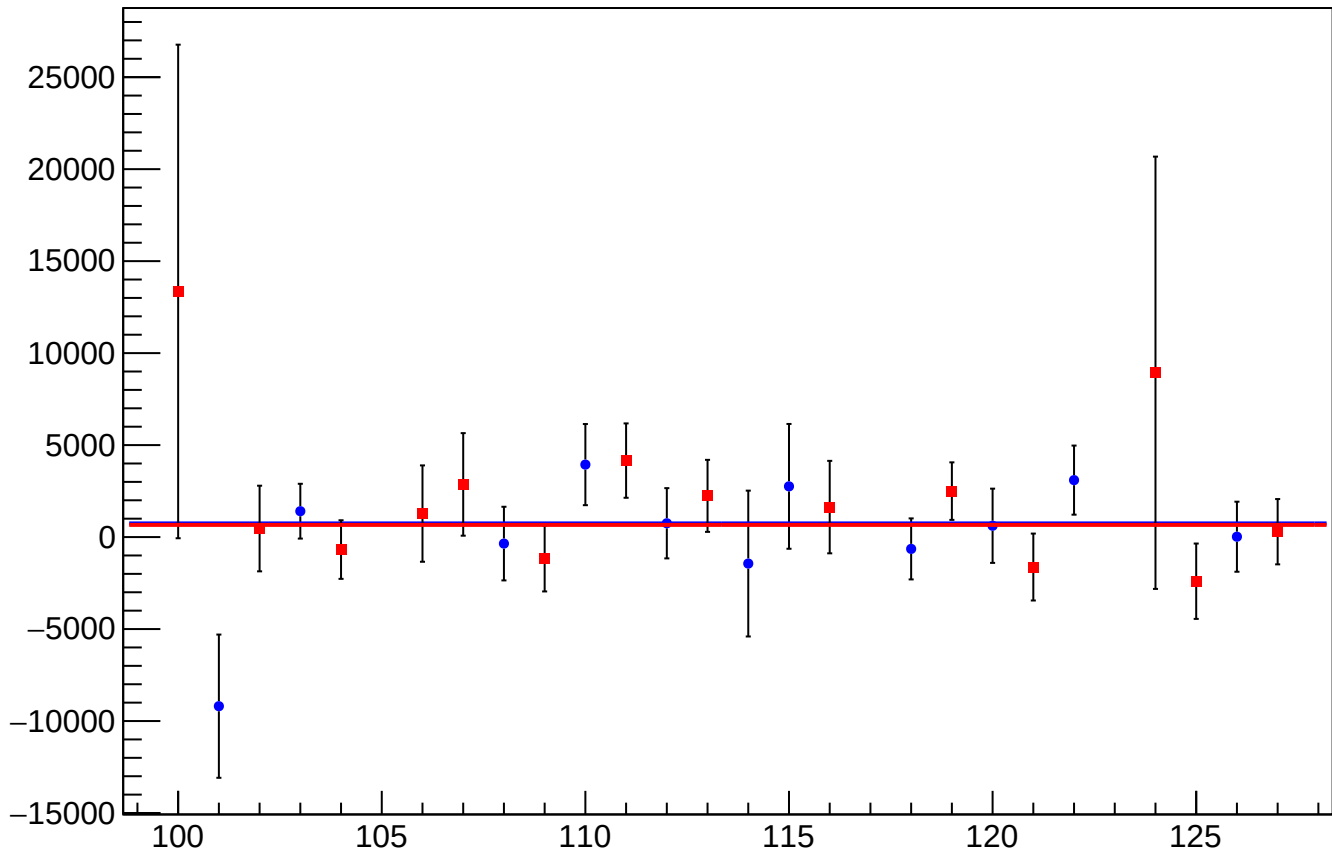
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1269.450+/-0.292 χ^2/NDF : 593376.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 742.047+/-624.354 χ^2/NDF : 12.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 662.440+/-567.142 χ^2/NDF : 12.9/13

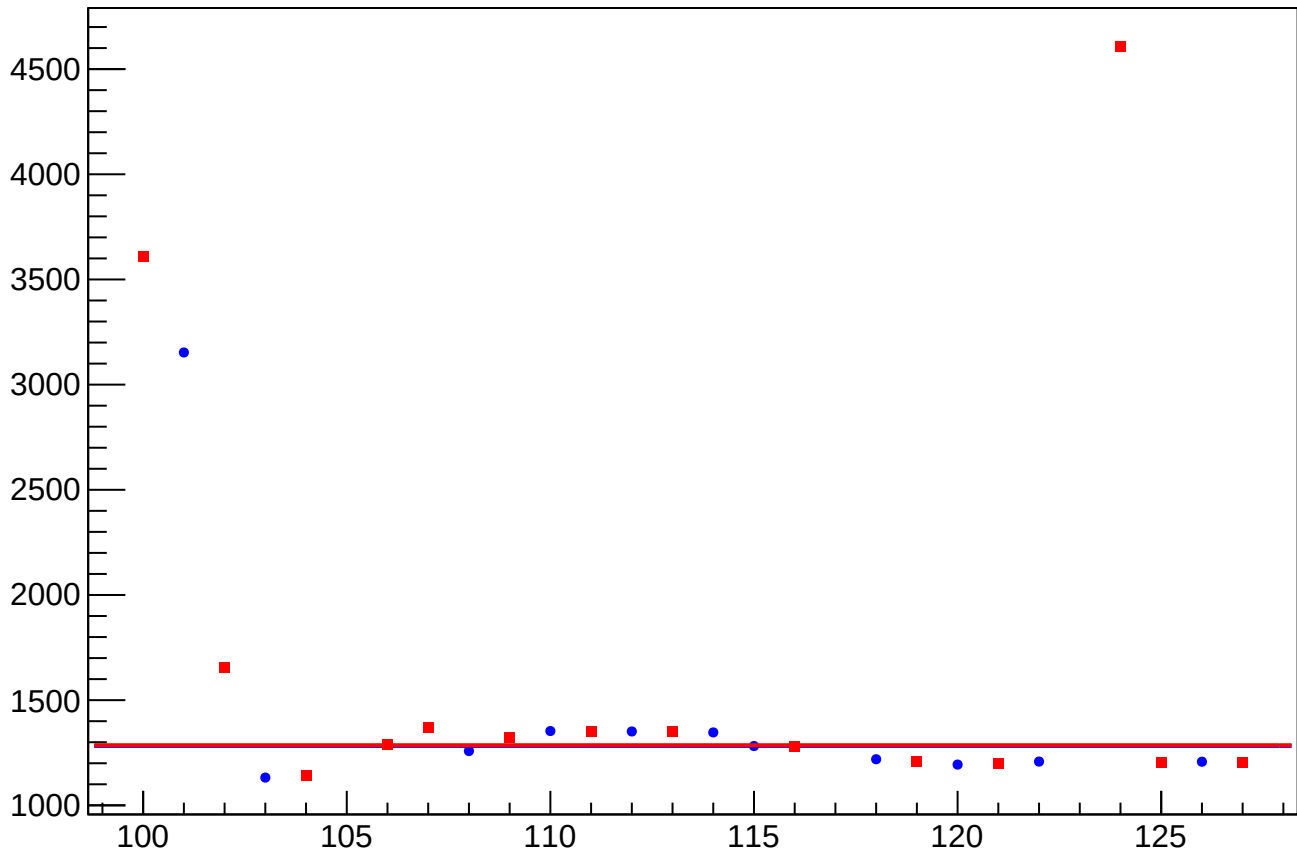
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 698.430+/-419.802 χ^2/NDF : 25.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1282.565+/-0.441 χ^2/NDF : 500596.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1285.603+/-0.401 χ^2/NDF : 311187.6/13

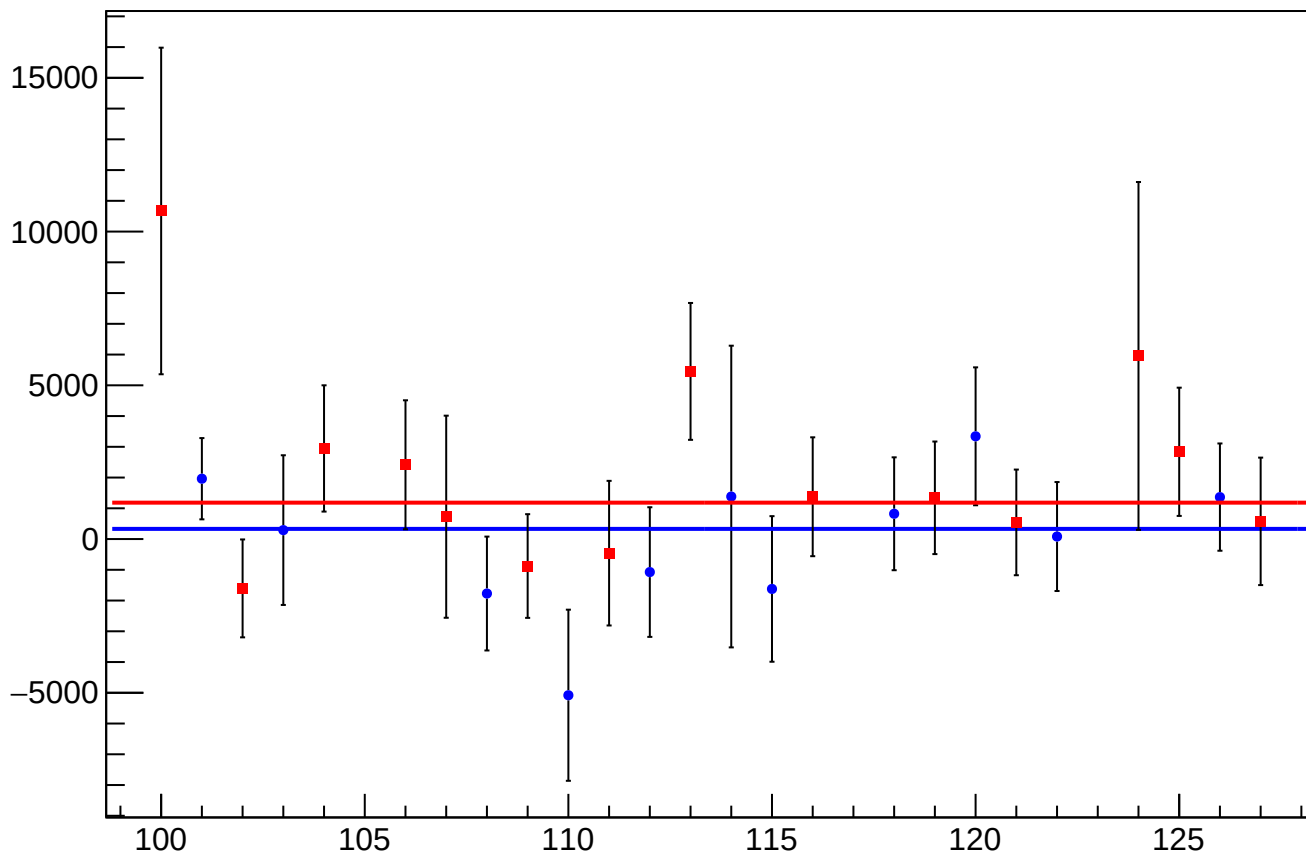
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1284.229+/-0.297 χ^2/NDF : 811810.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_eigen_cor_correction_mean vs Slug



Right In: 330.582+/-603.046 χ^2/NDF : 10.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1183.716+/-566.151 χ^2/NDF : 14.6/13

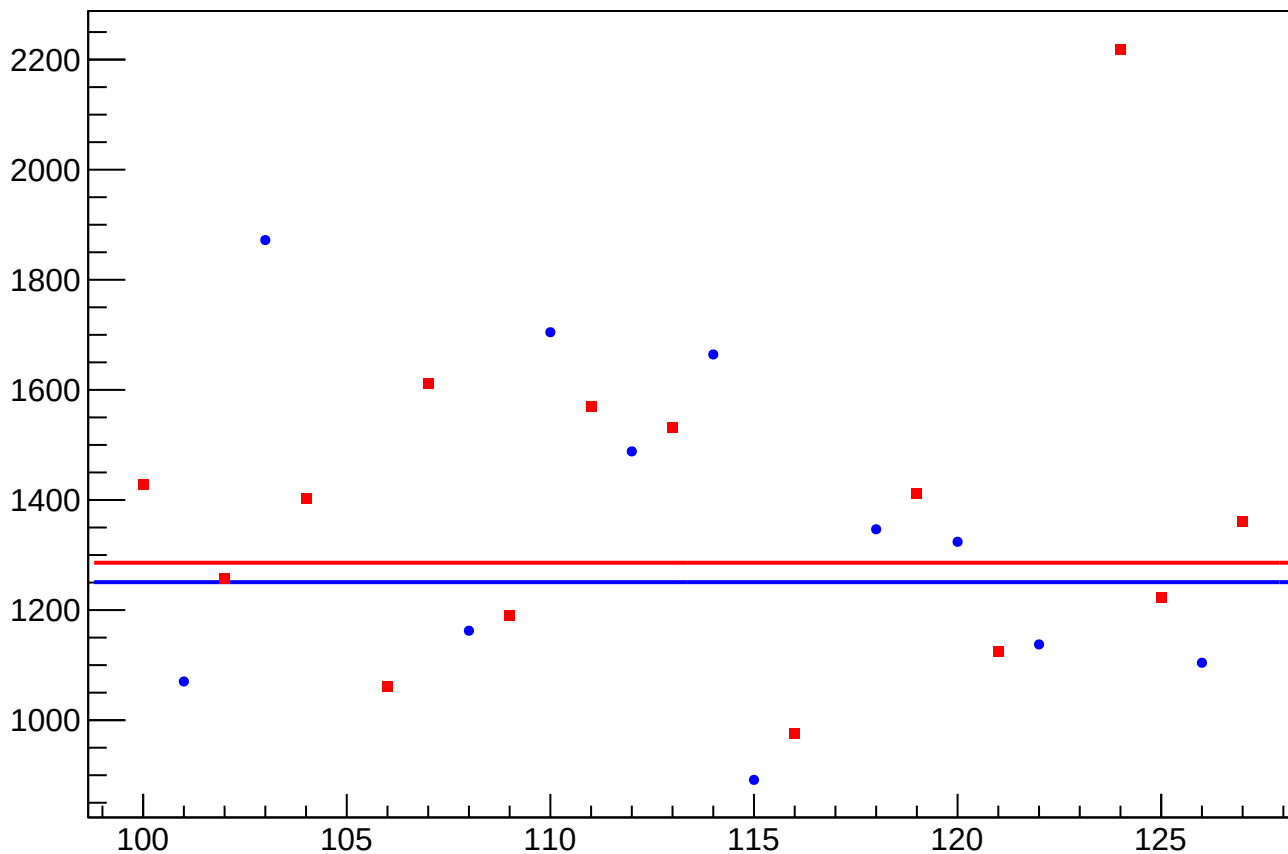
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 784.043+/-412.757 χ^2/NDF : 25.7/24

- 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: 1250.698+/-0.426 χ^2/NDF : 340882.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1285.977+/-0.400 χ^2/NDF : 248855.1/13

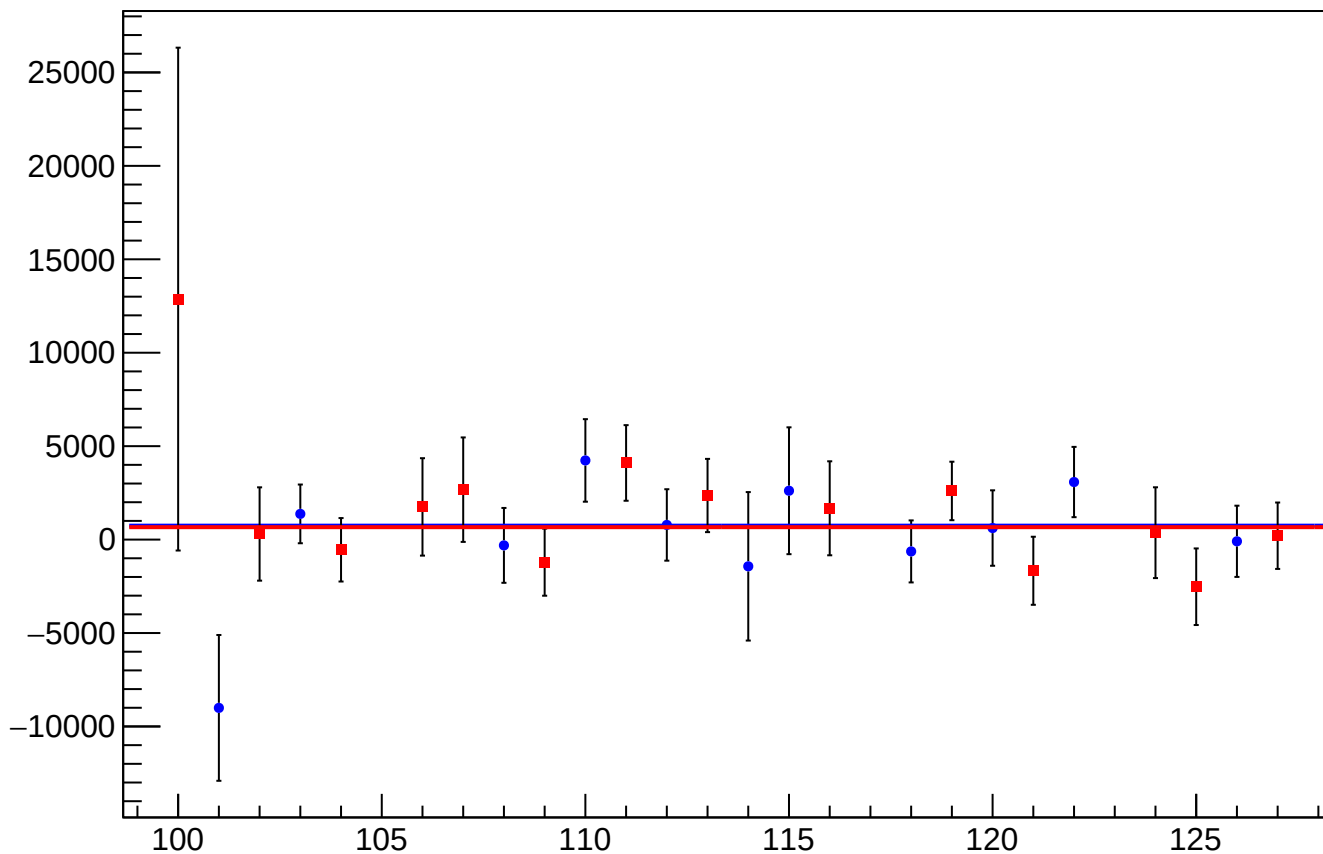
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1269.450+/-0.292 χ^2/NDF : 593376.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 745.578 $\pm$ 630.519 χ^2 /NDF: 12.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 664.653 $\pm$ 559.455 χ^2 /NDF: 12.6/13

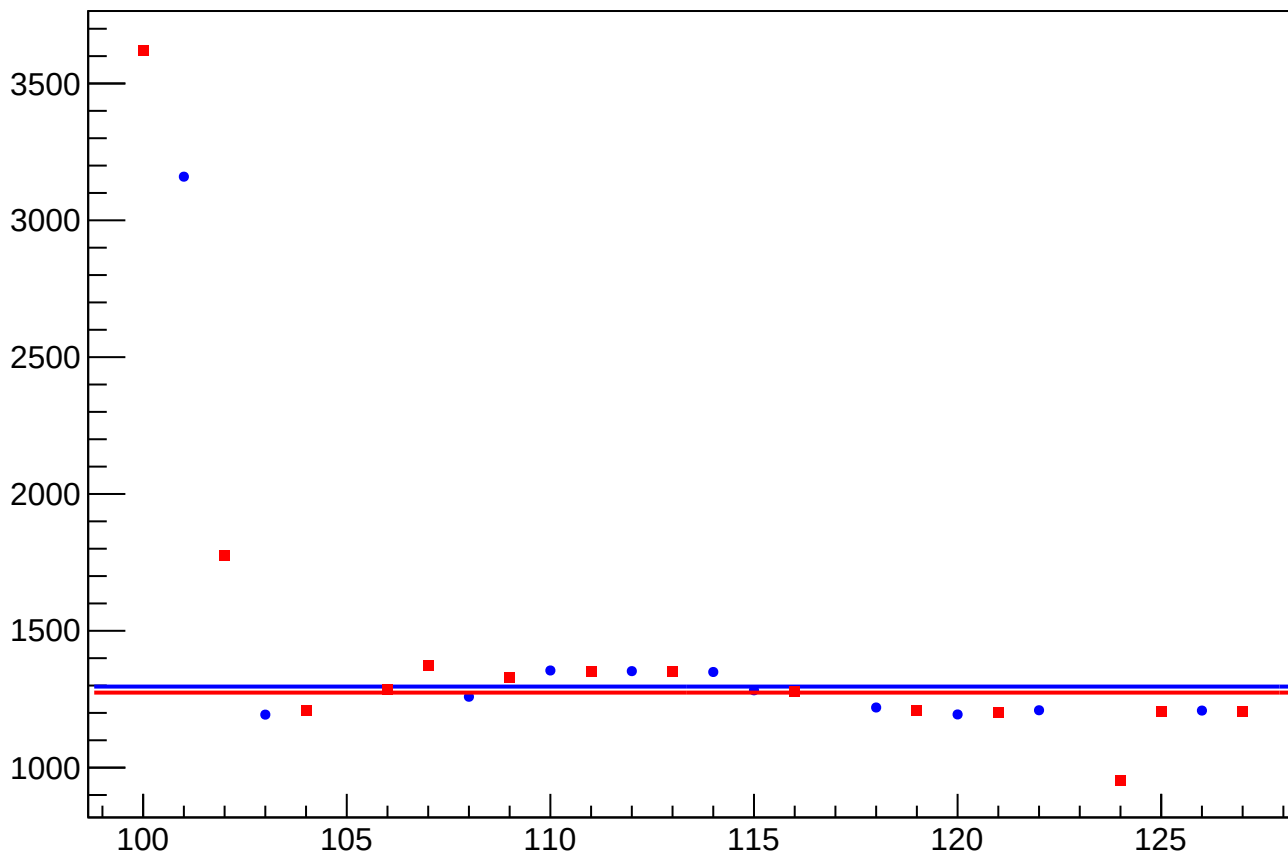
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 700.300 $\pm$ 418.473 χ^2 /NDF: 24.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1296.221+/-0.446 χ^2/NDF : 486749.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1274.183+/-0.396 χ^2/NDF : 202239.0/13

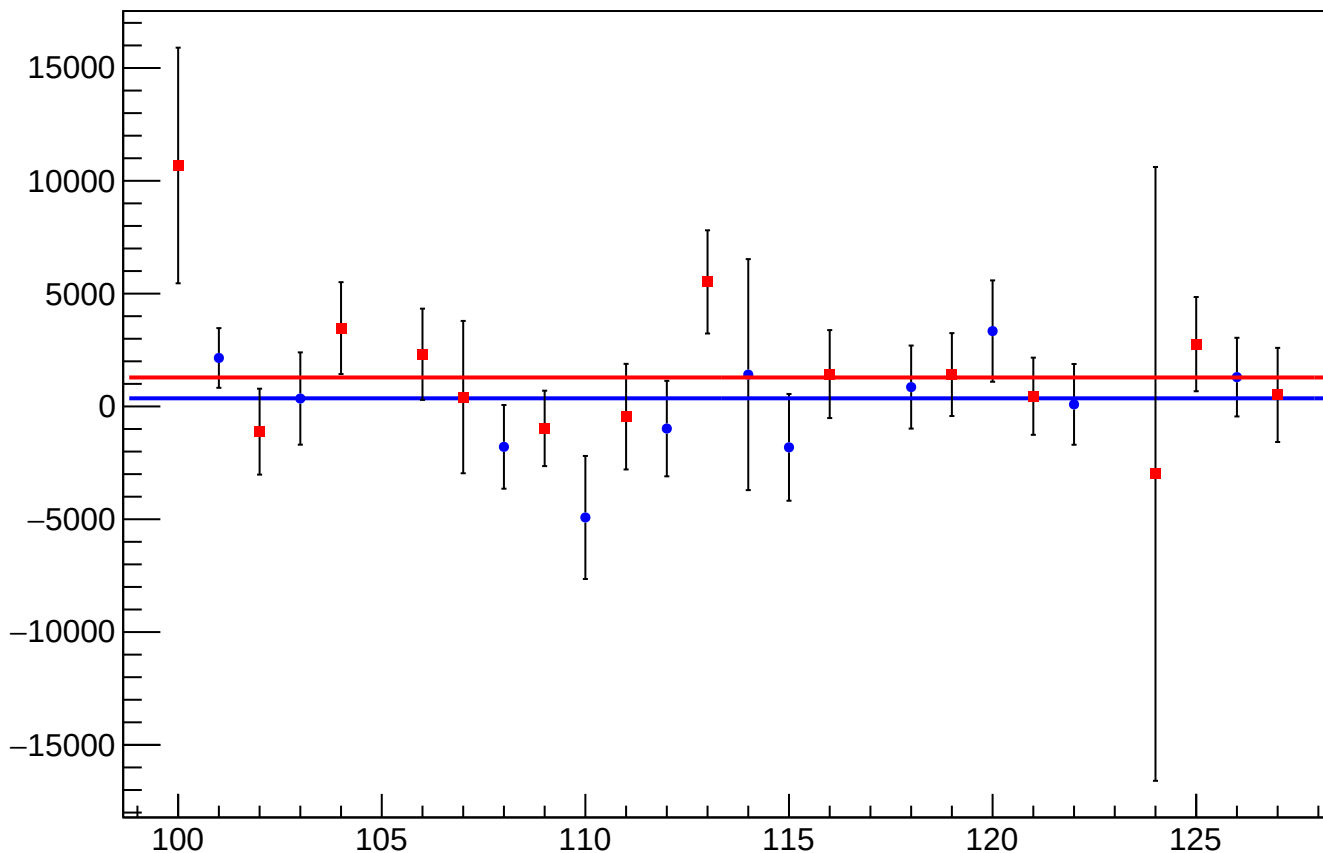
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1283.891+/-0.296 χ^2/NDF : 690355.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_dit_correction_mean vs Slug



Right In: 360.166+/-596.481 χ^2/NDF : 10.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1284.181+/-578.937 χ^2/NDF : 13.1/13

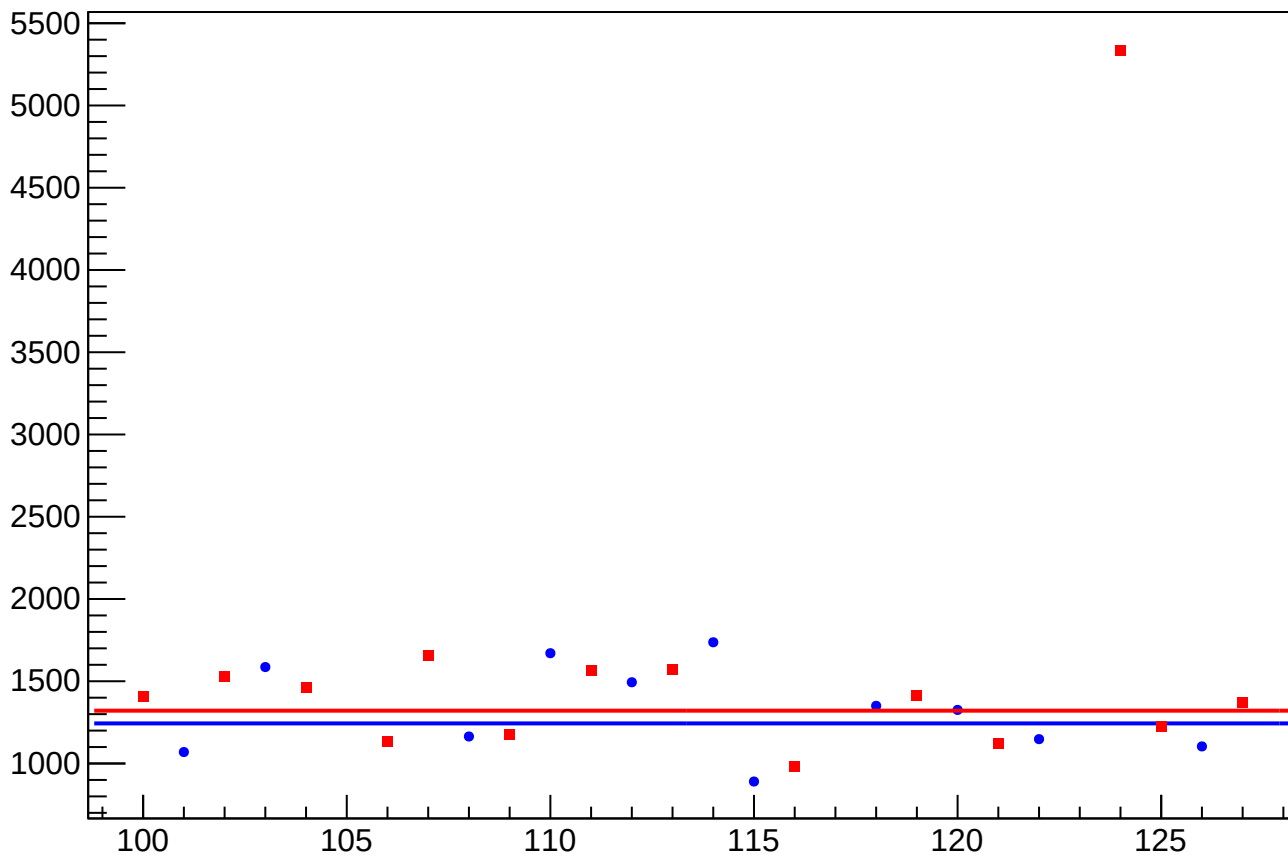
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 835.962+/-415.434 χ^2/NDF : 24.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_dit_correction_rms vs Slug



Right In: 1243.755+/-0.422 χ^2/NDF : 262483.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

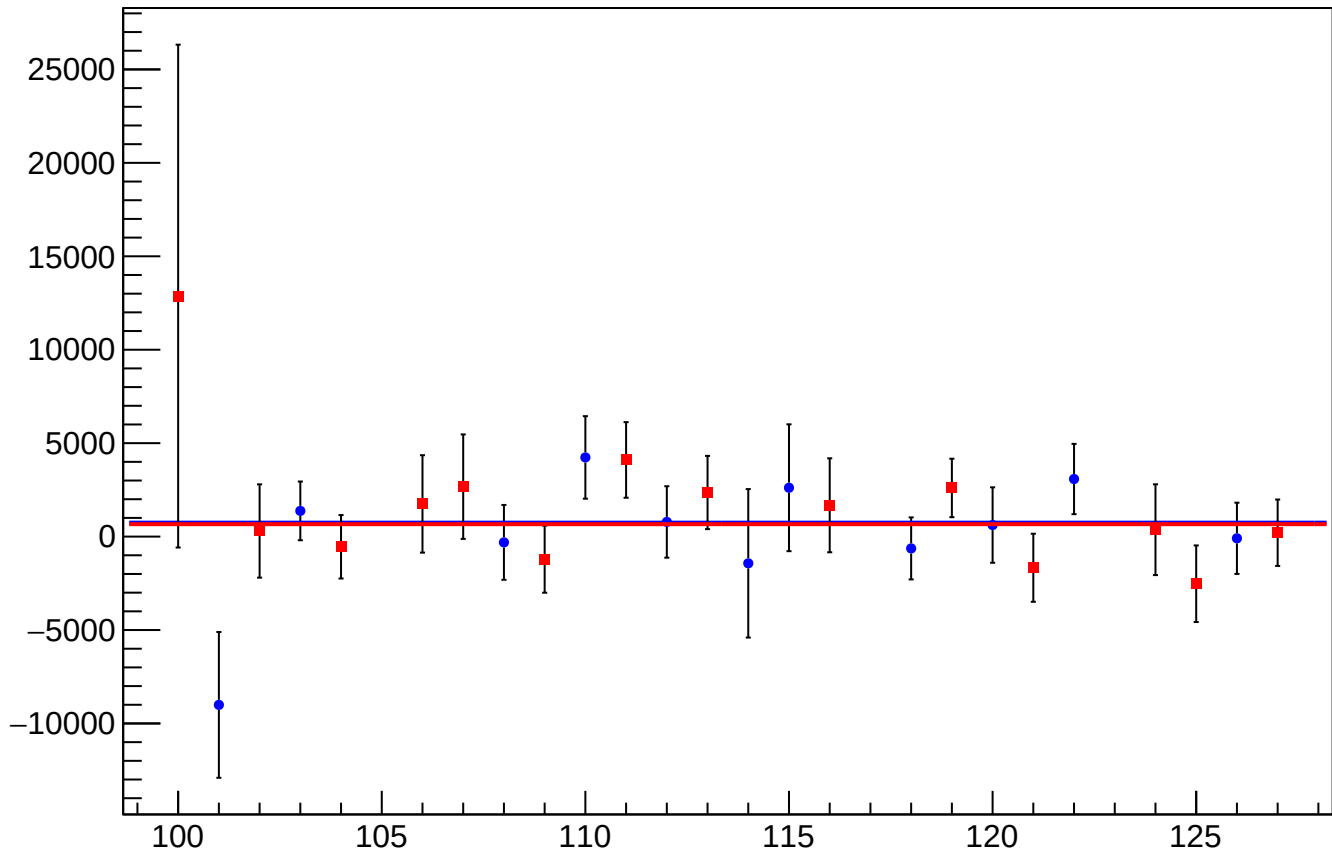
Right Out: 1321.100+/-0.409 χ^2/NDF : 405068.7/13

All: 1283.581+/-0.294 χ^2/NDF : 684868.4/24

- 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_dd_mean vs Slug



Right In: 745.575+/-630.519 χ^2/NDF : 12.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 664.655+/-559.455 χ^2/NDF : 12.6/13

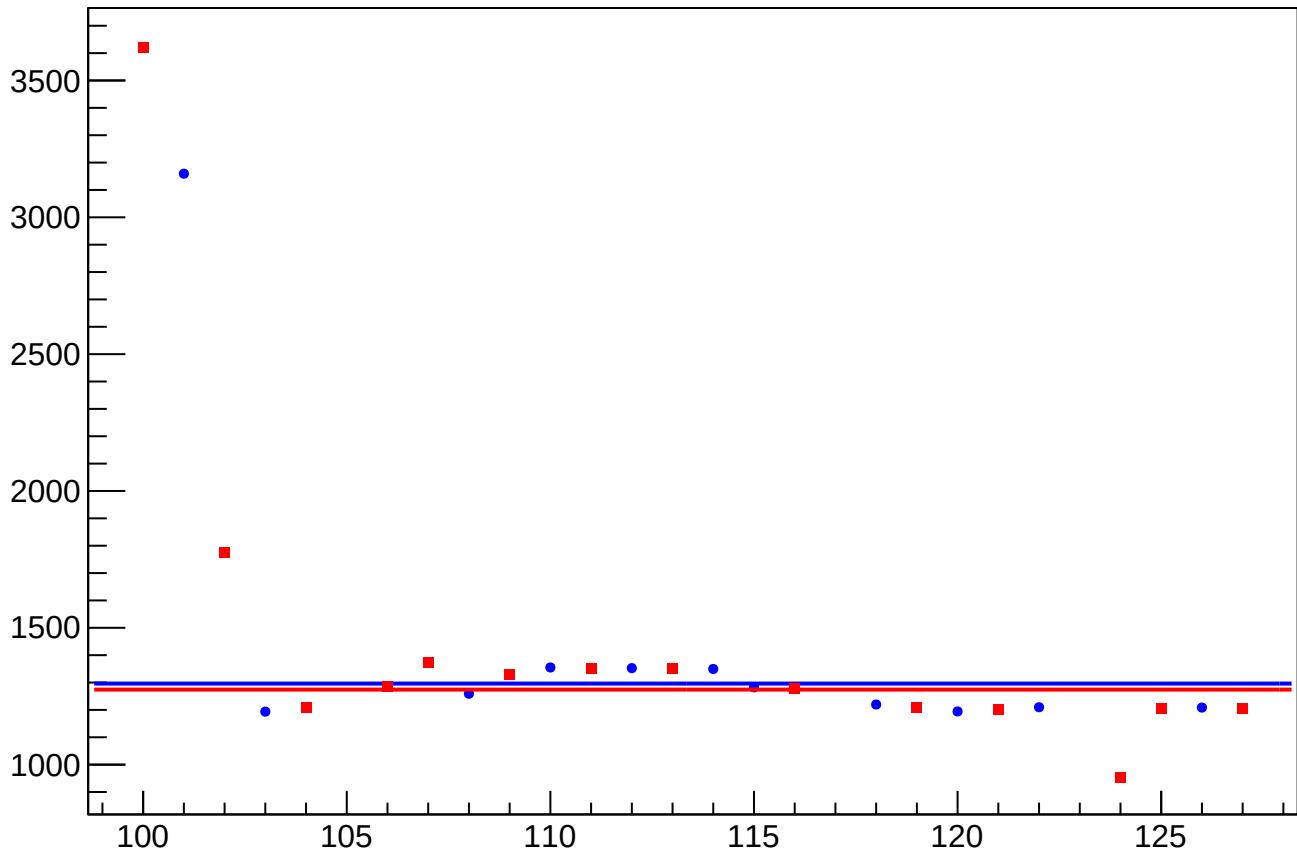
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 700.299+/-418.473 χ^2/NDF : 24.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1296.221+/-0.446 χ^2/NDF : 486749.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

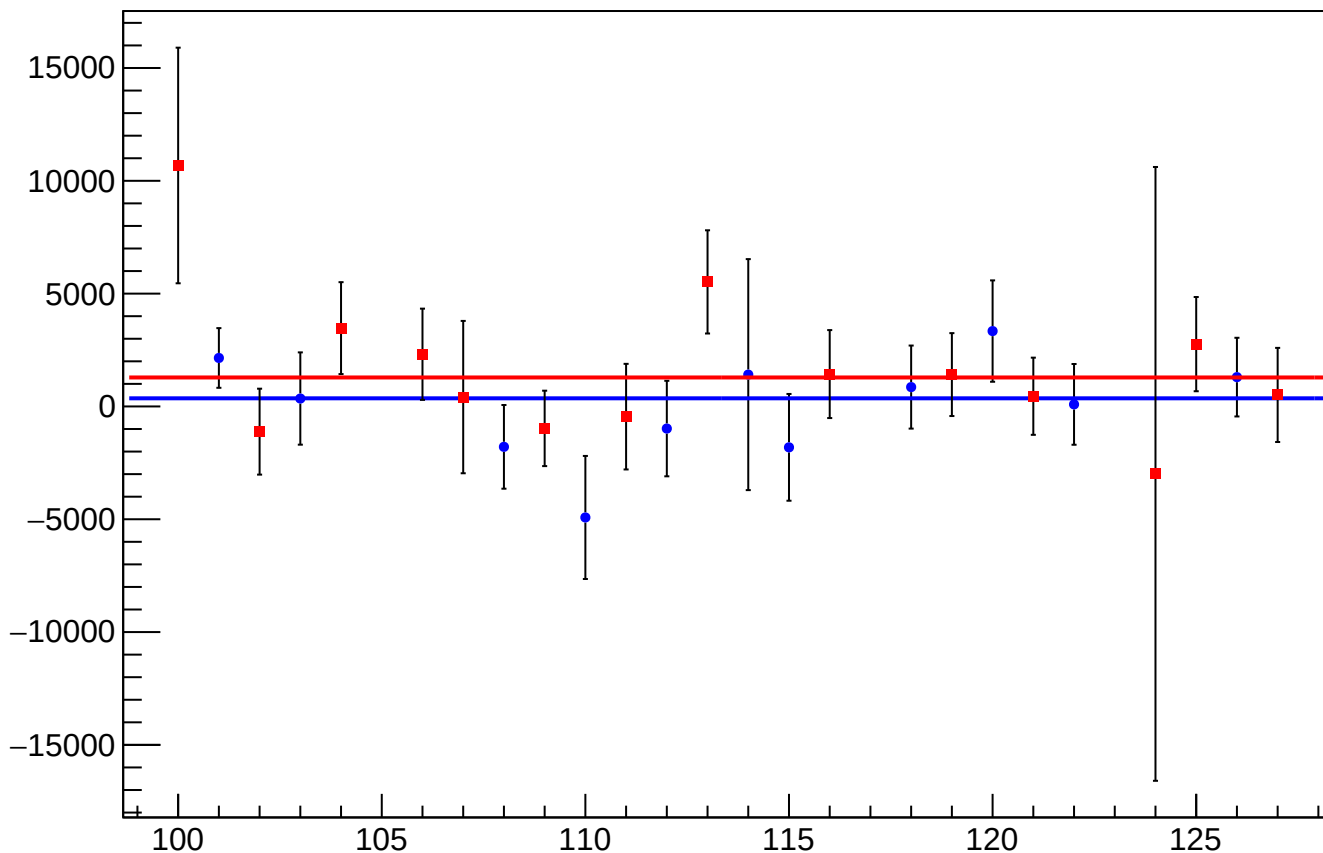
Right Out: 1274.183+/-0.396 χ^2/NDF : 202238.9/13

All: 1283.890+/-0.296 χ^2/NDF : 690355.3/24

- 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_dd_eigen_dit_correction_mean vs Slug



Right In: 360.165+/-596.479 χ^2/NDF : 10.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1284.182+/-578.937 χ^2/NDF : 13.1/13

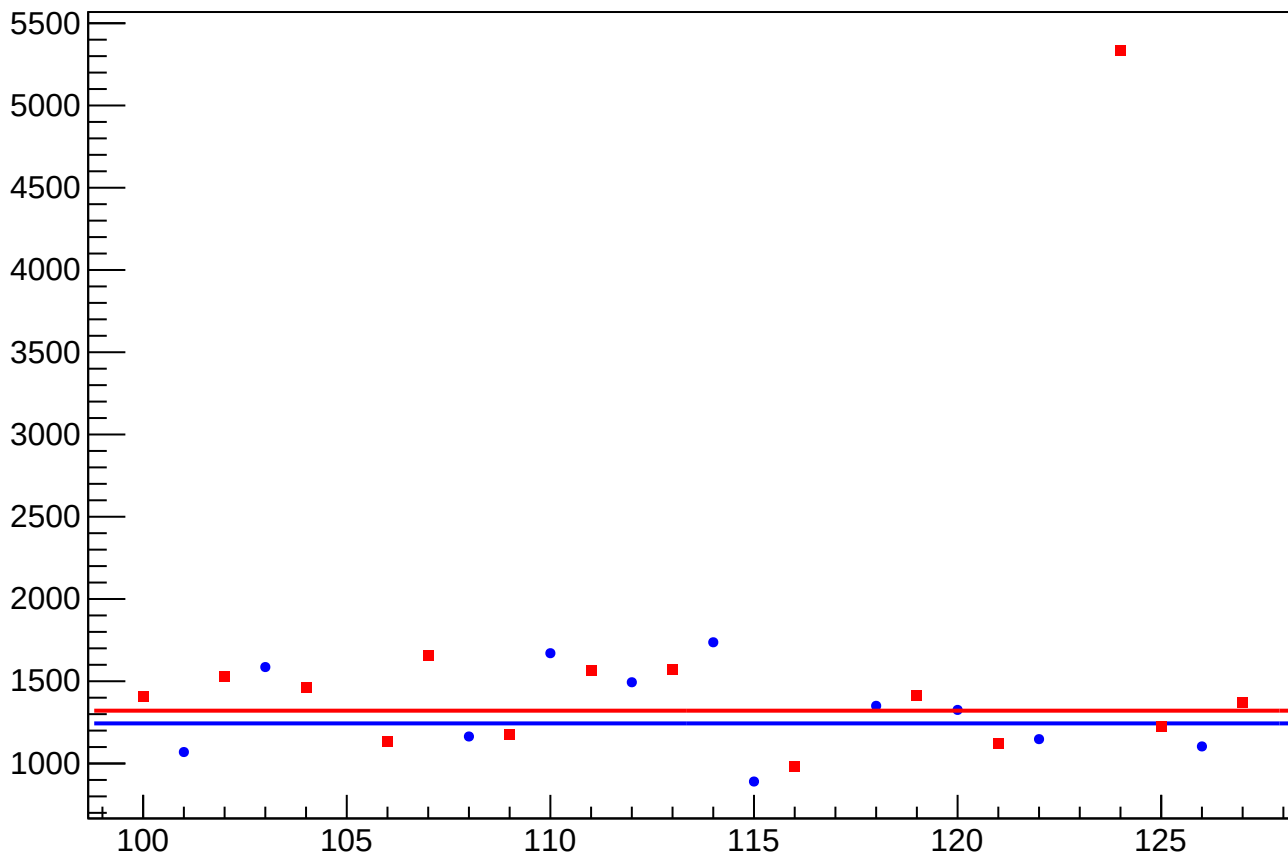
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 835.961+/-415.433 χ^2/NDF : 24.7/24

- 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: 1243.751+/-0.422 χ^2/NDF : 262489.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

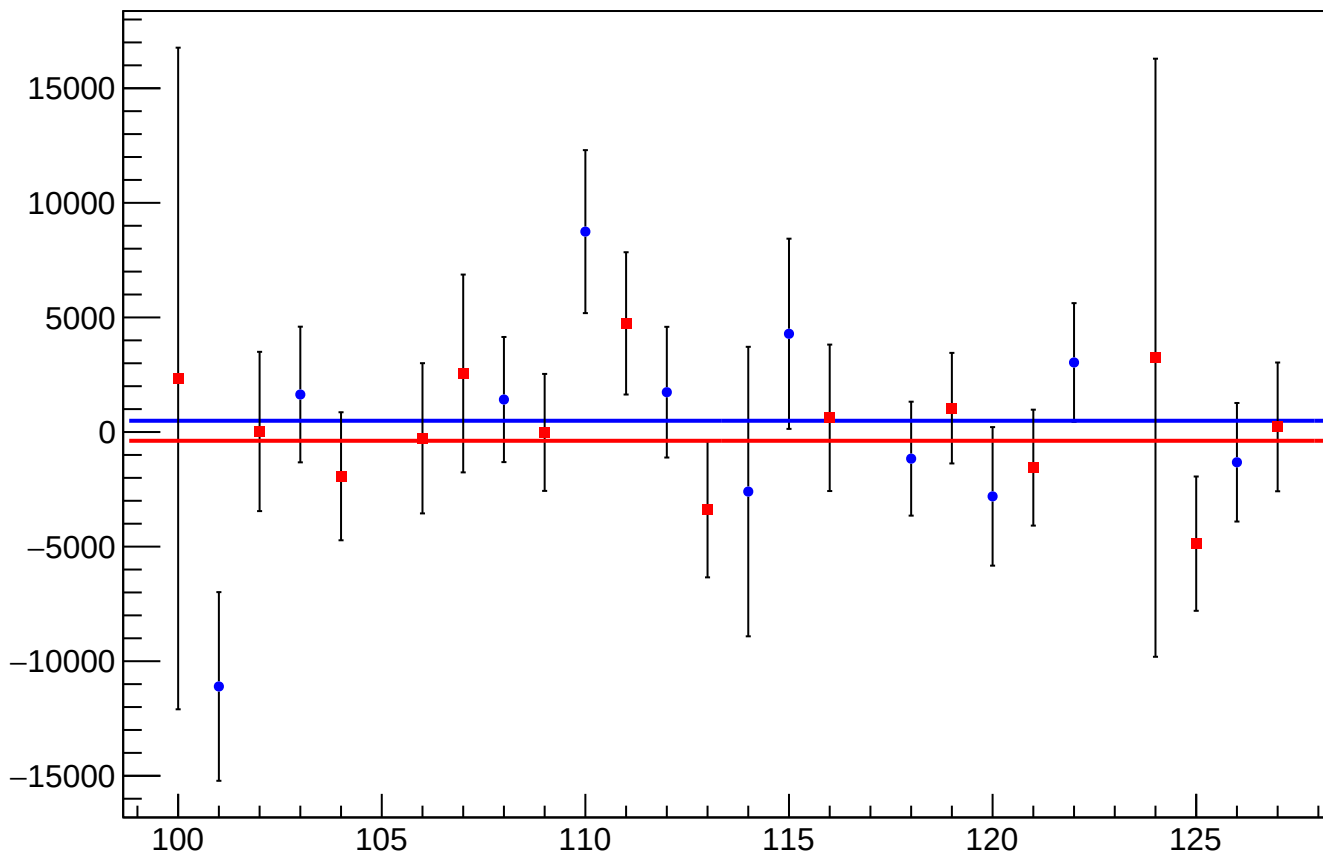
Right Out: 1321.099+/-0.409 χ^2/NDF : 405069.9/13

All: 1283.579+/-0.294 χ^2/NDF : 684876.5/24

- 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_dd_mean vs Slug



Right In: 491.559 $\pm$ 927.464 χ^2 /NDF: 17.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -382.050 $\pm$ 842.616 χ^2 /NDF: 7.7/13

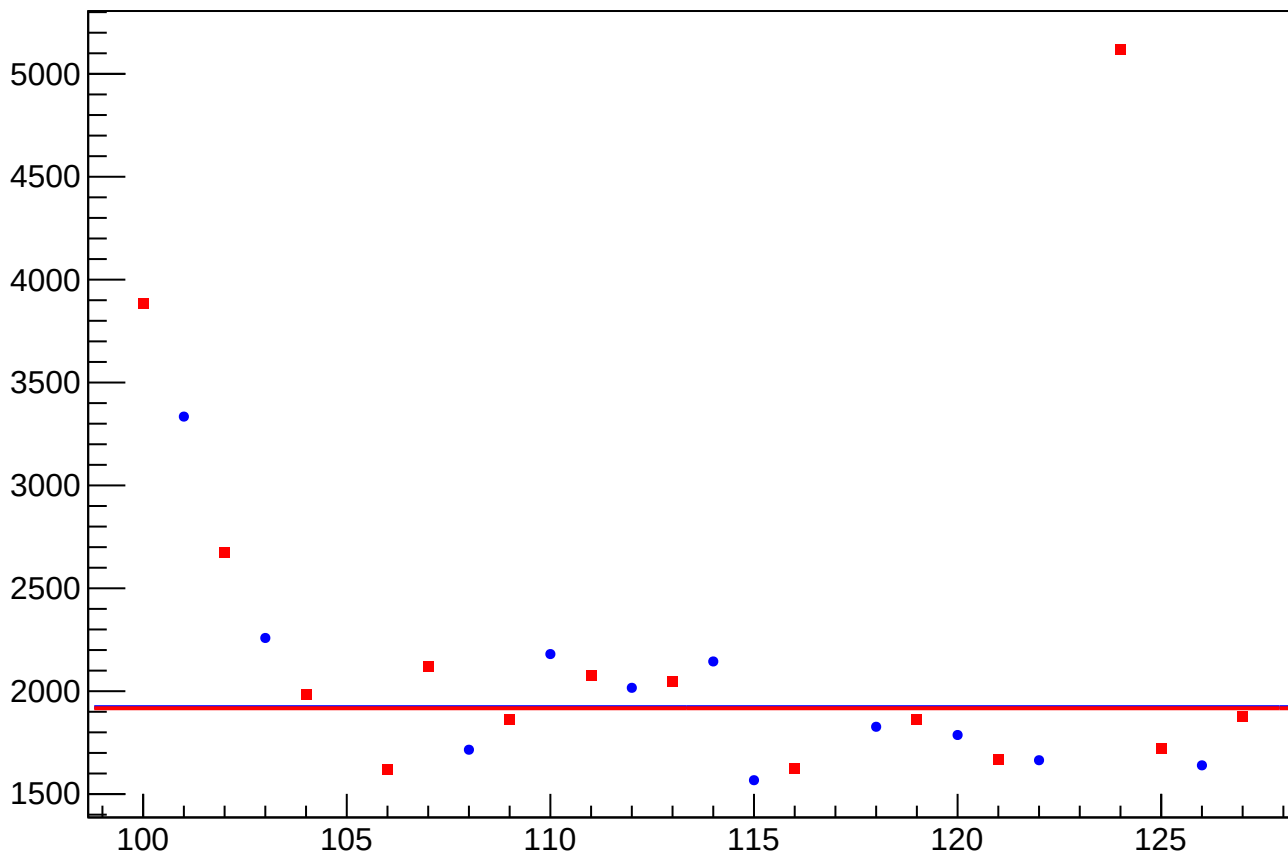
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.975 $\pm$ 623.664 χ^2 /NDF: 26.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1922.359+/-0.656 χ^2/NDF : 353138.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1917.134+/-0.596 χ^2/NDF : 331486.5/13

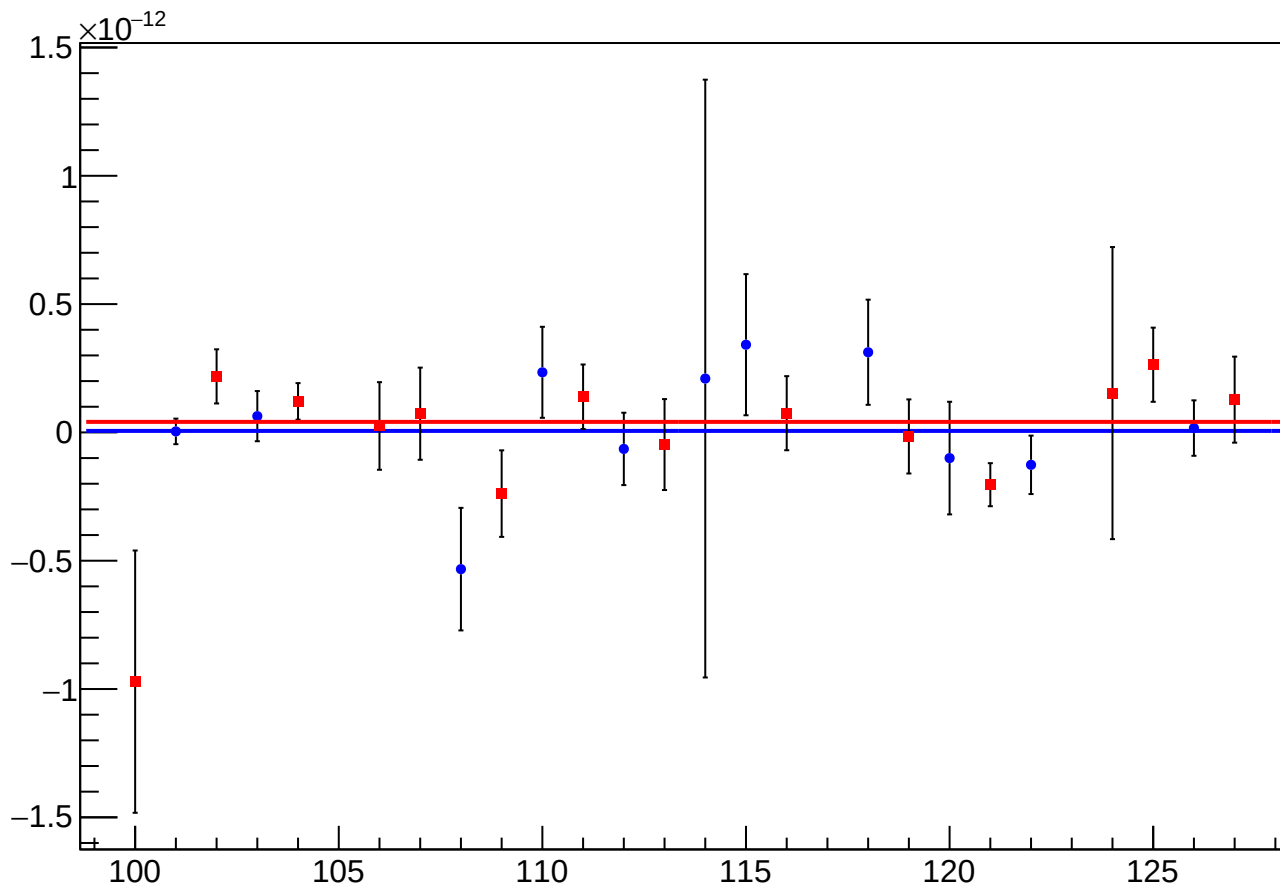
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1919.497+/-0.441 χ^2/NDF : 684659.9/24

- sign 0.000+/-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: 12.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.1/13

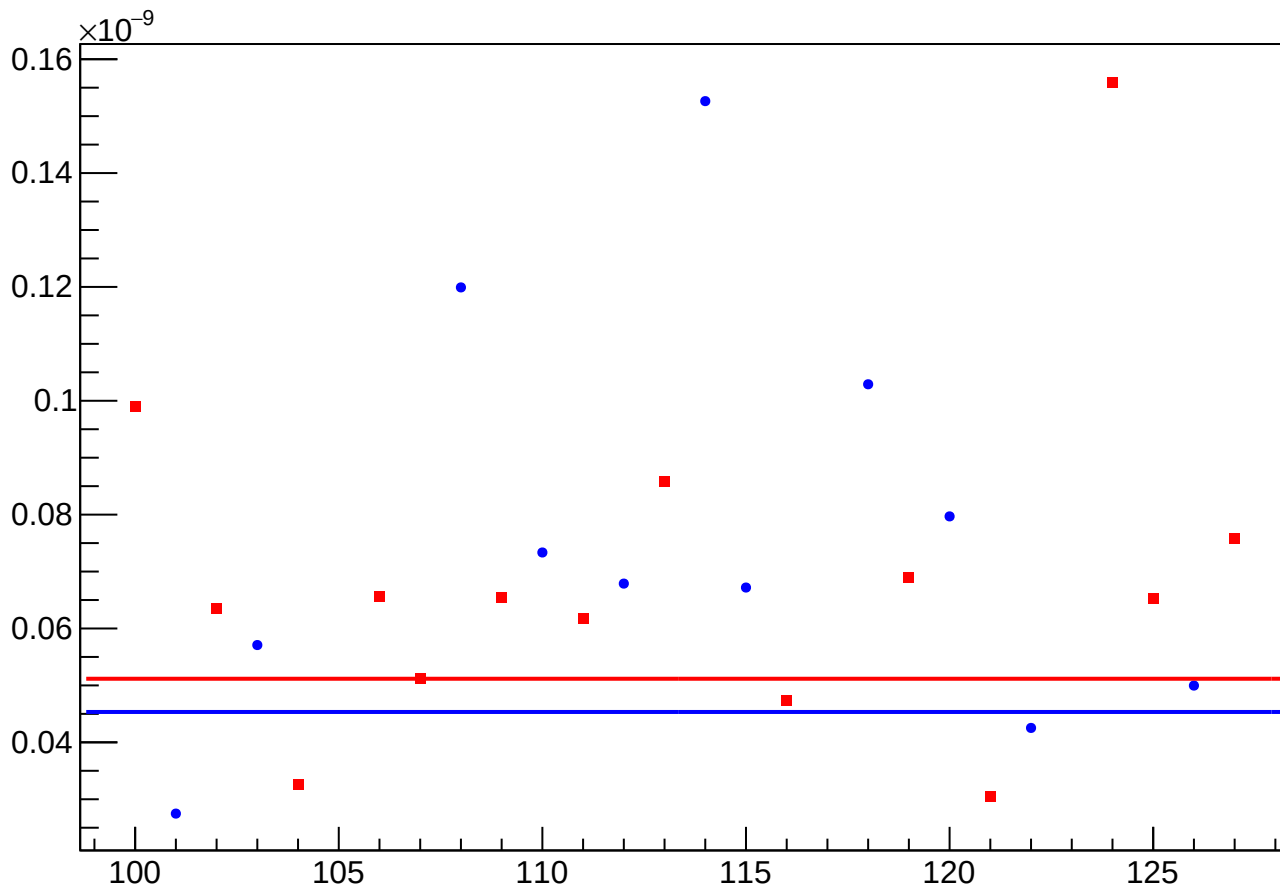
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 36.3/24

- 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 : 823455.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 582828.7/13

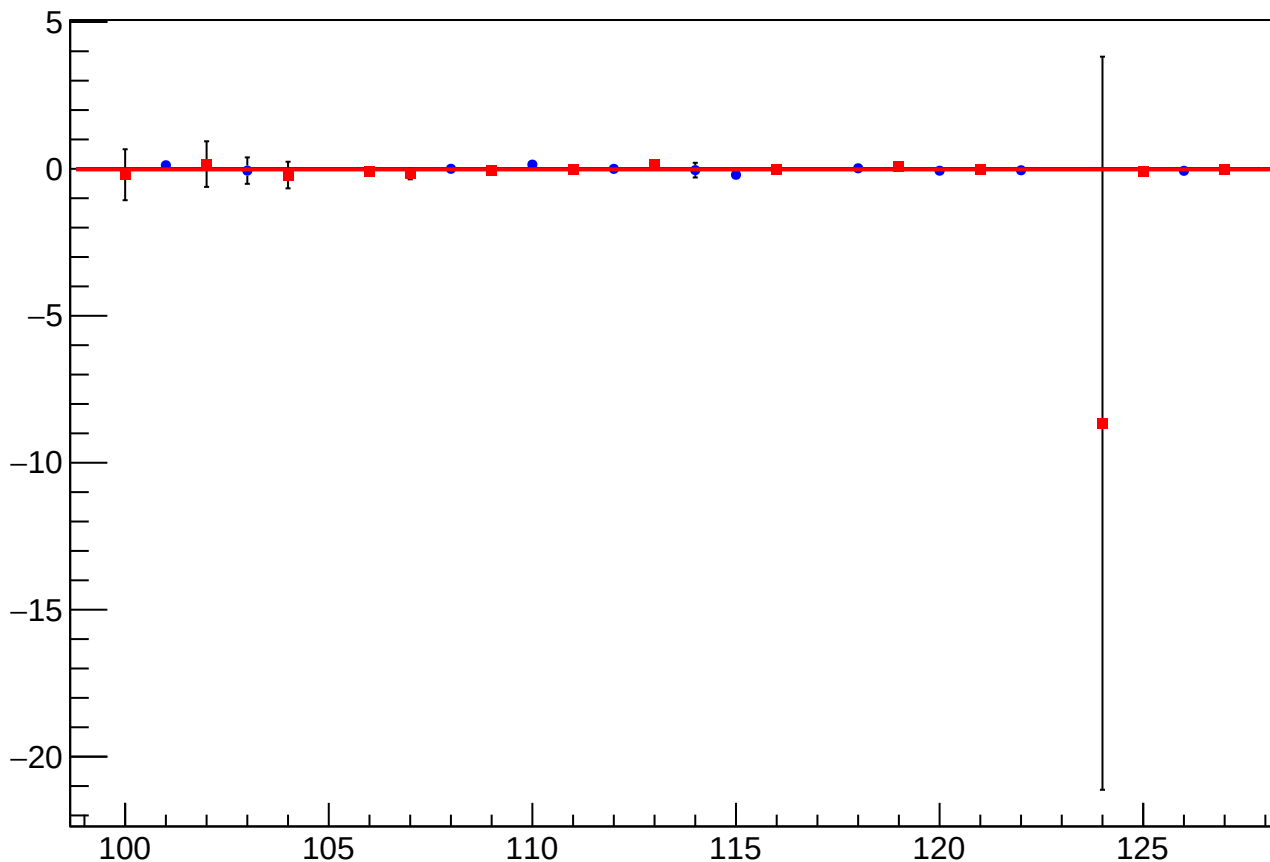
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1434204.8/24

- 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: -0.006 $\pm$ 0.023 χ^2 /NDF: 11.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.019 $\pm$ 0.021 χ^2 /NDF: 10.8/13

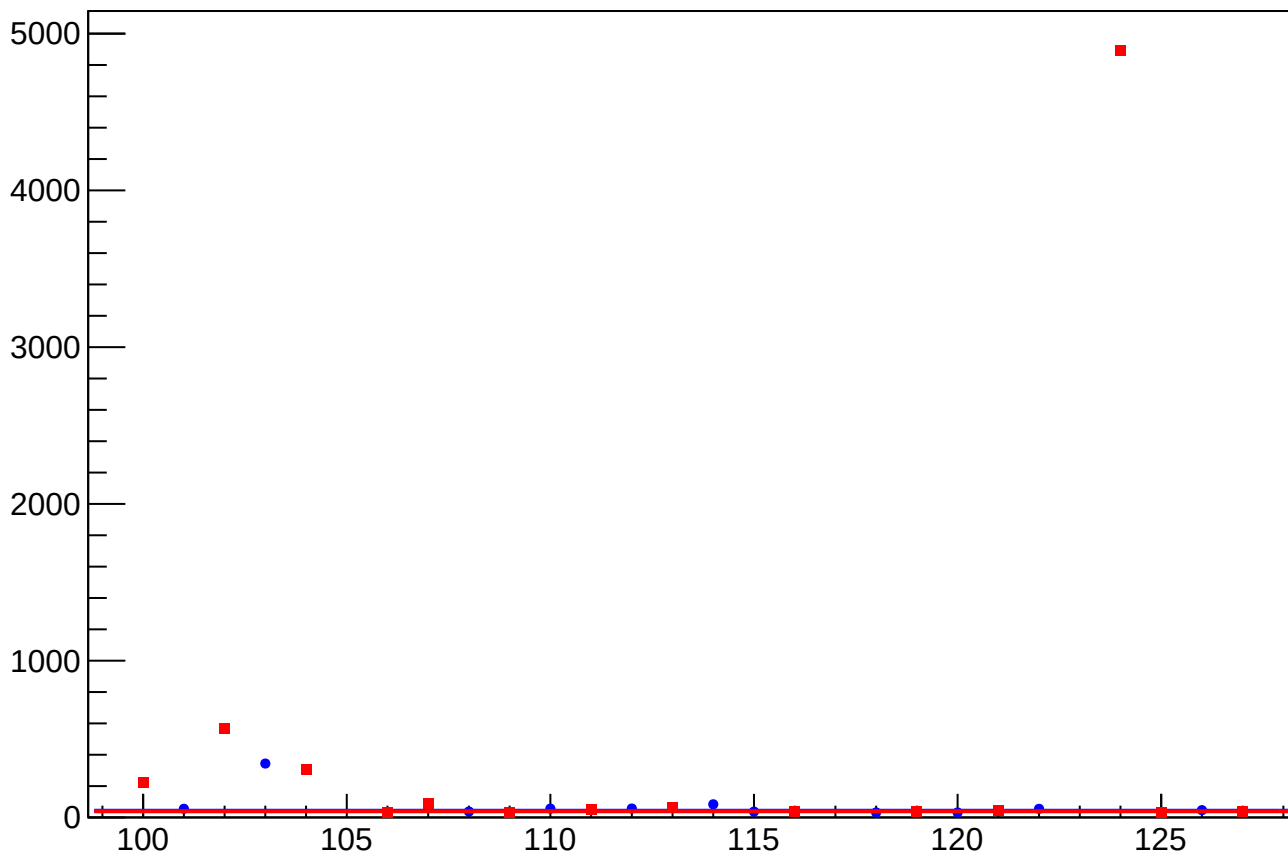
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.013 $\pm$ 0.016 χ^2 /NDF: 22.2/24

- 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: 42.662+/-0.016 χ^2/NDF : 1348623.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.509+/-0.015 χ^2/NDF : 2414832.8/13

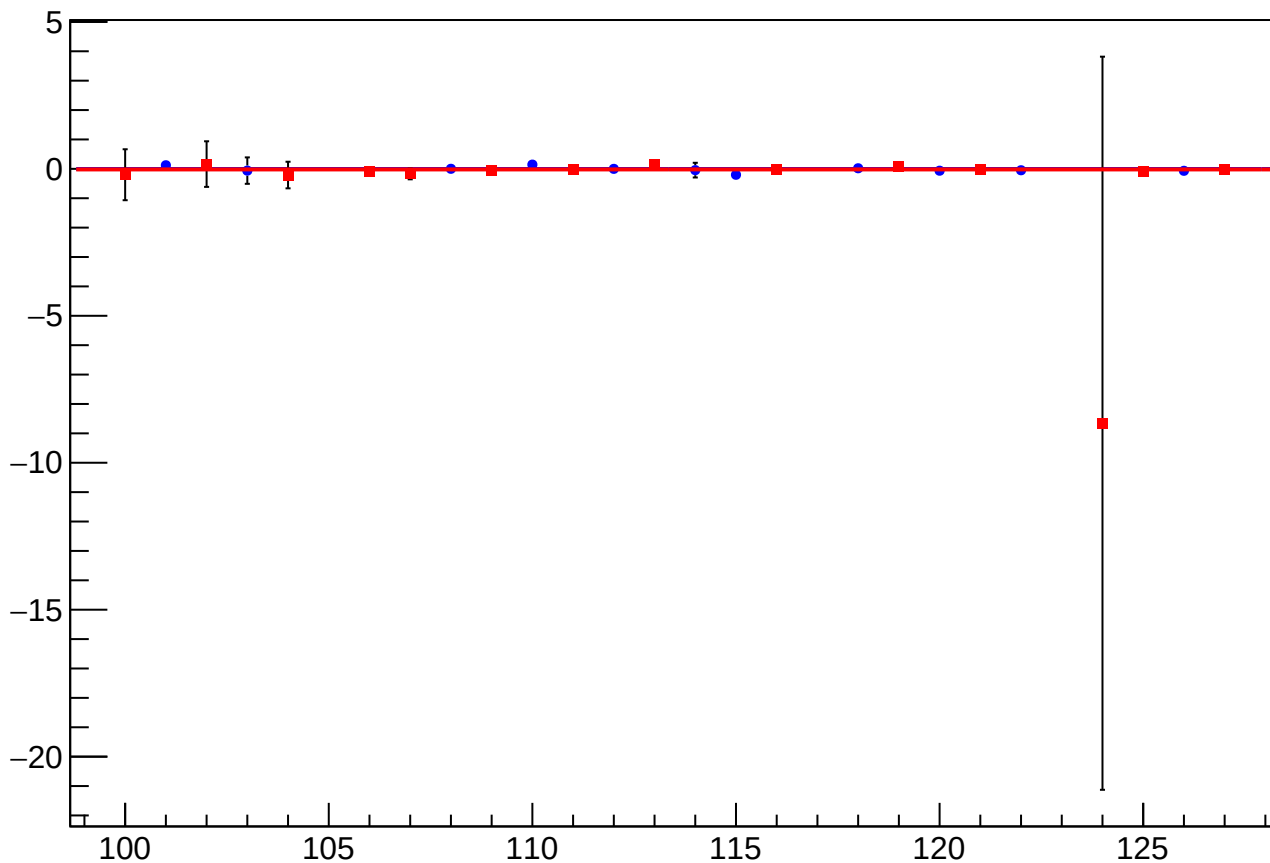
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.951+/-0.011 χ^2/NDF : 3783823.6/24

- 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: -0.006 $\pm$ 0.023 χ^2/NDF : 11.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.019 $\pm$ 0.021 χ^2/NDF : 10.8/13

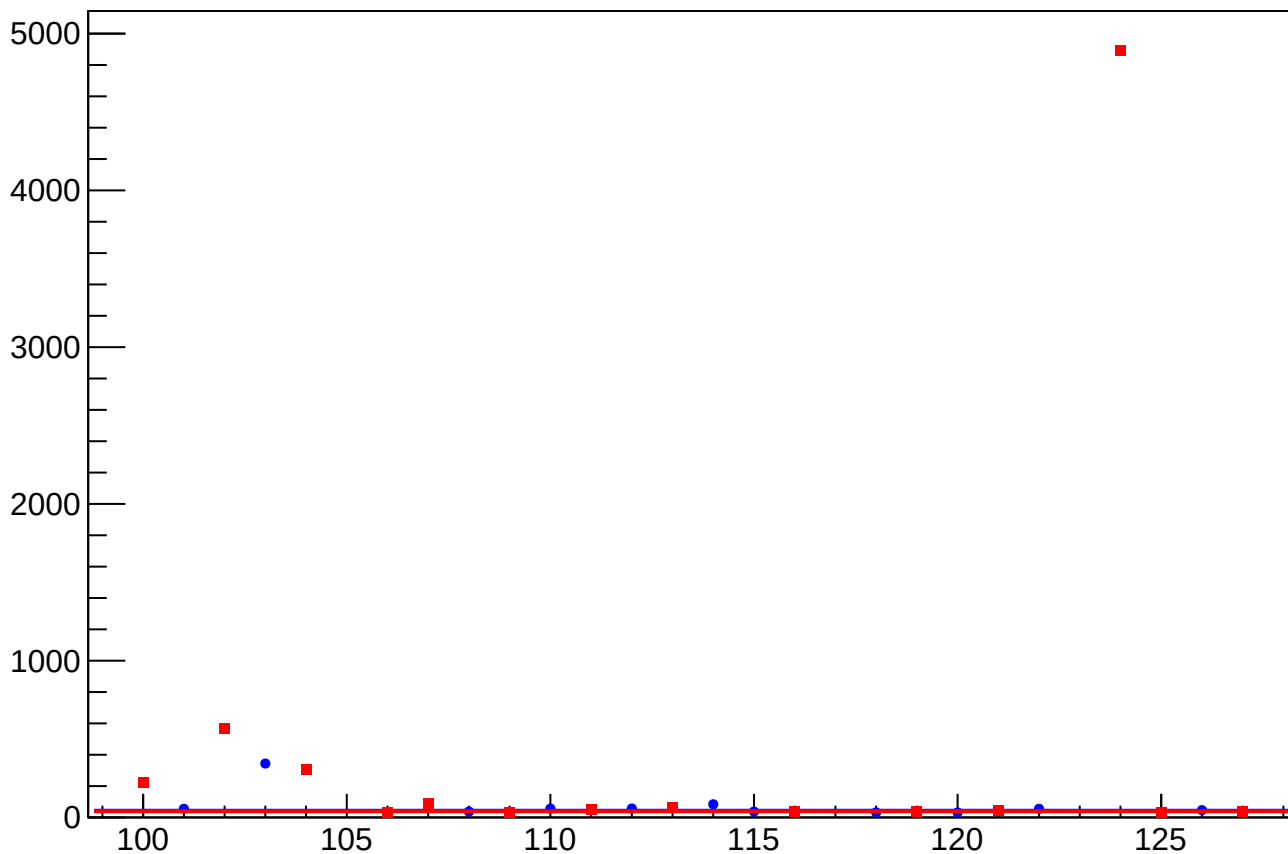
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.013 $\pm$ 0.016 χ^2/NDF : 22.2/24

- 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: 42.662 $\pm$ 0.016 χ^2 /NDF: 1348623.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 39.509 $\pm$ 0.015 χ^2 /NDF: 2414832.8/13

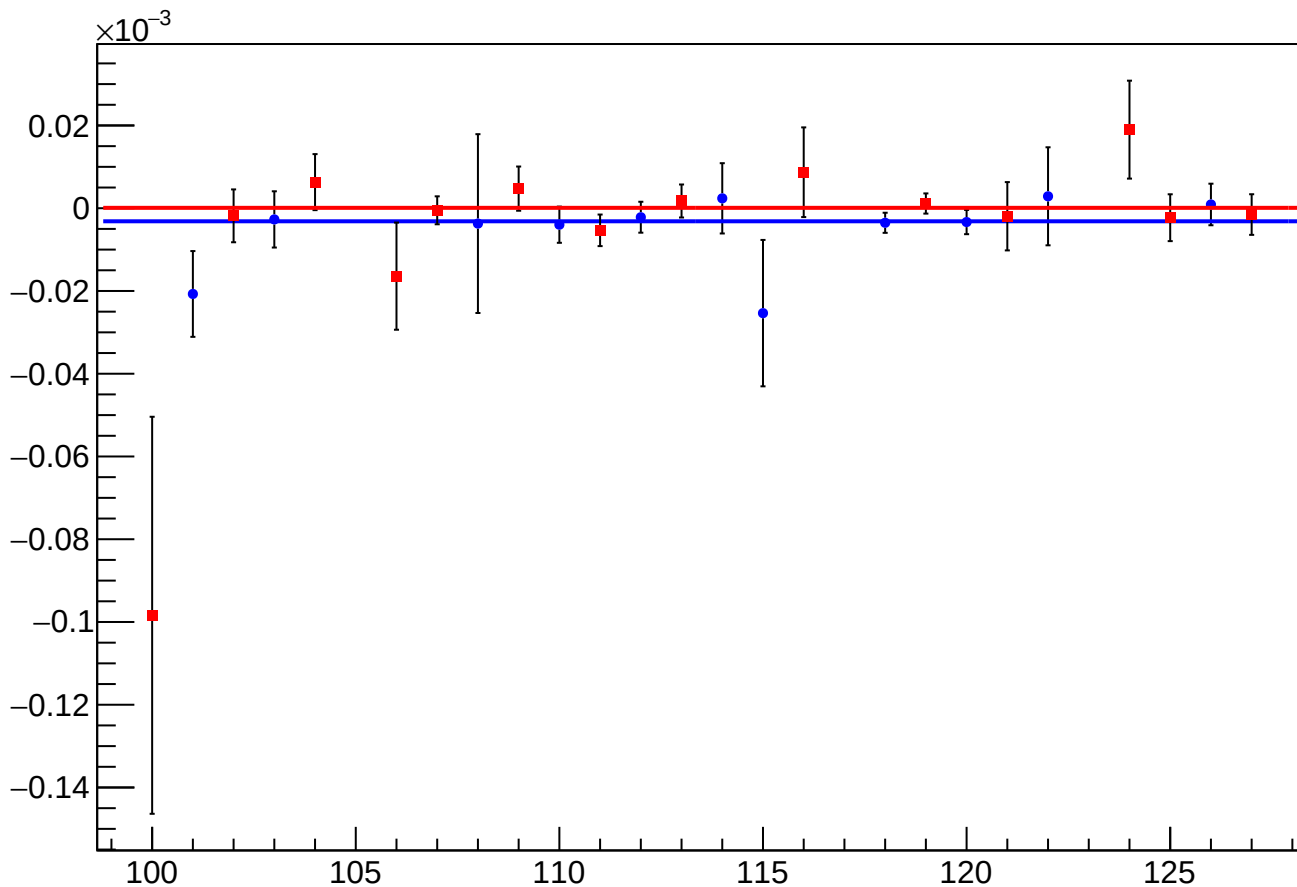
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 40.951 $\pm$ 0.011 χ^2 /NDF: 3783823.6/24

- sign 0.000 $\pm$ 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+/-0.000 χ^2 /NDF: 5.9/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 13.5/13

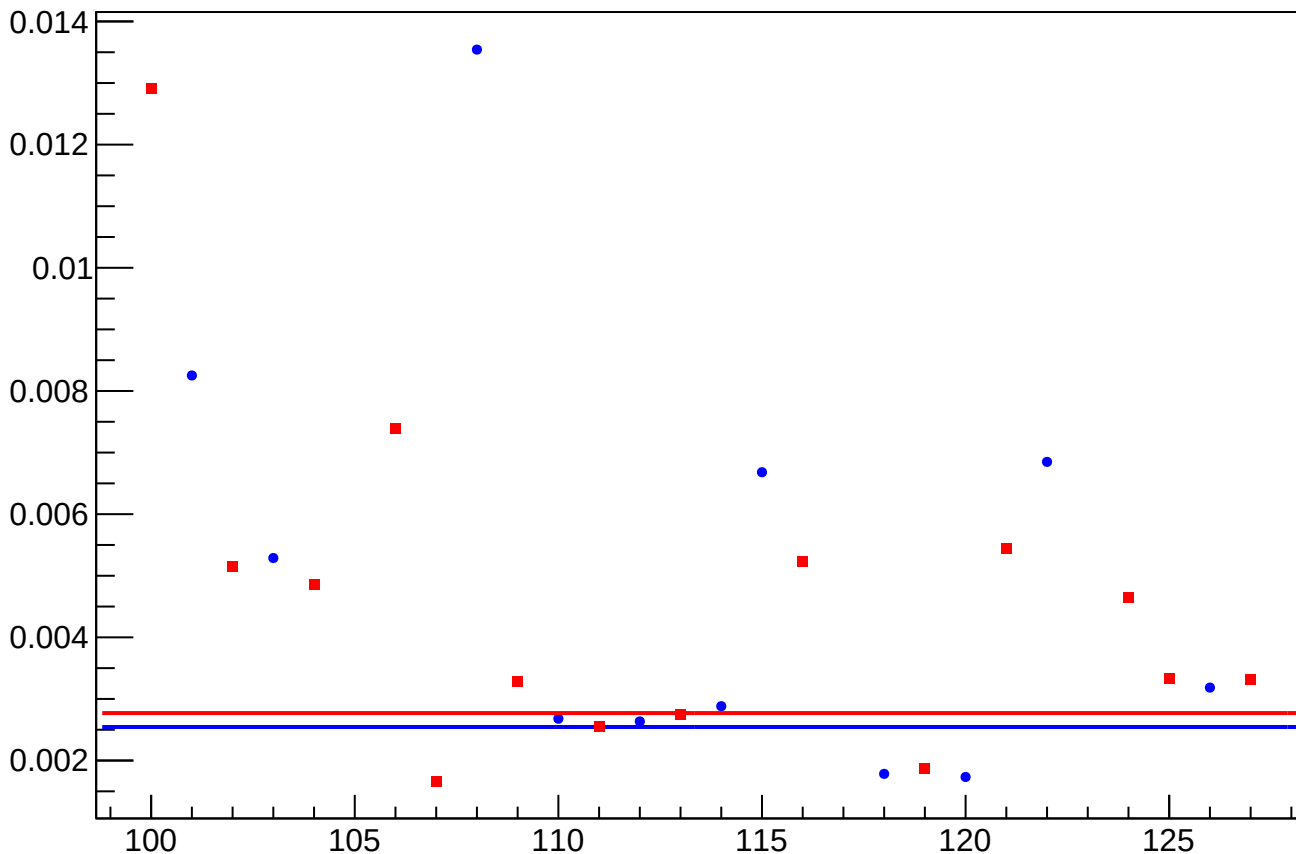
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 22.3/24

- sign 0.000+/-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 : 2211755.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1733045.9/13

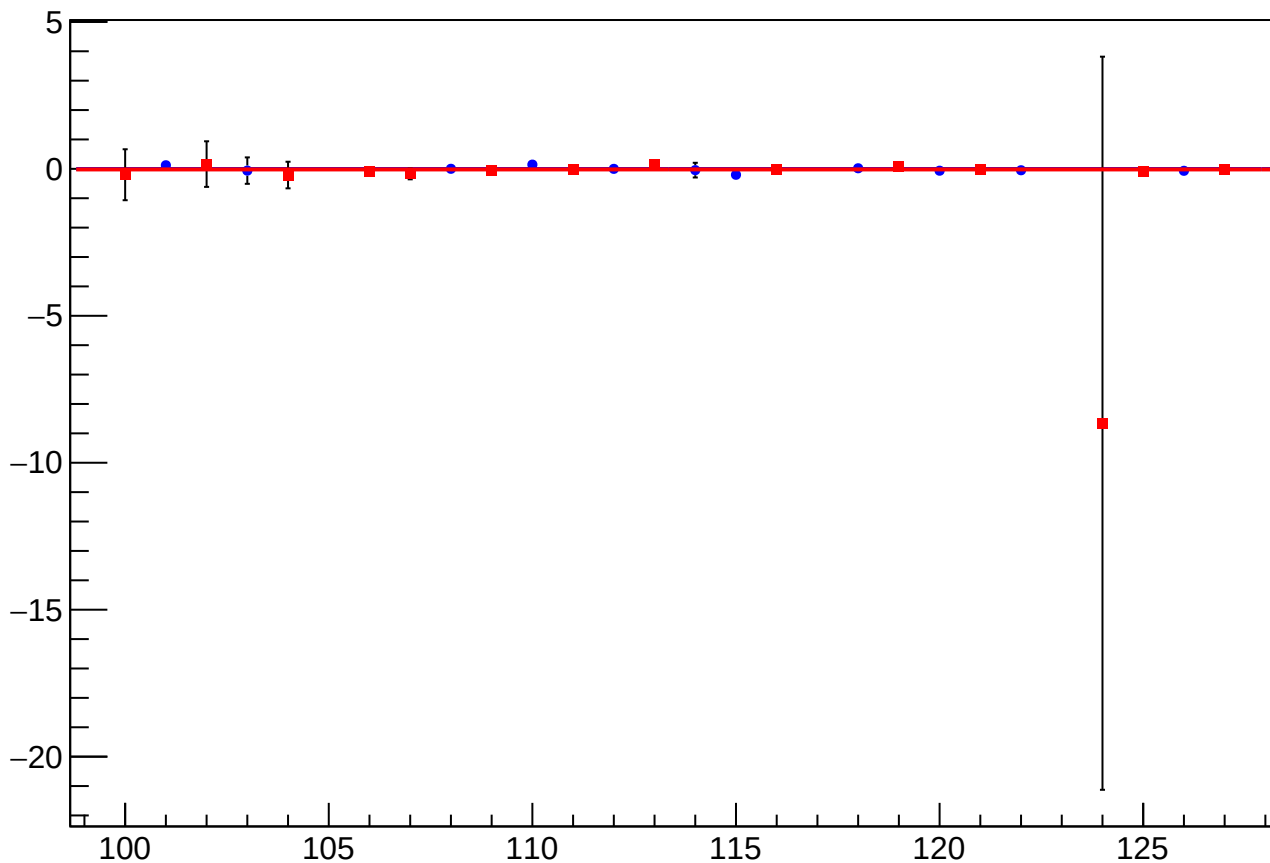
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3972410.9/24

- 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: -0.006 $\pm$ 0.023 χ^2 /NDF: 11.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.019 $\pm$ 0.021 χ^2 /NDF: 10.8/13

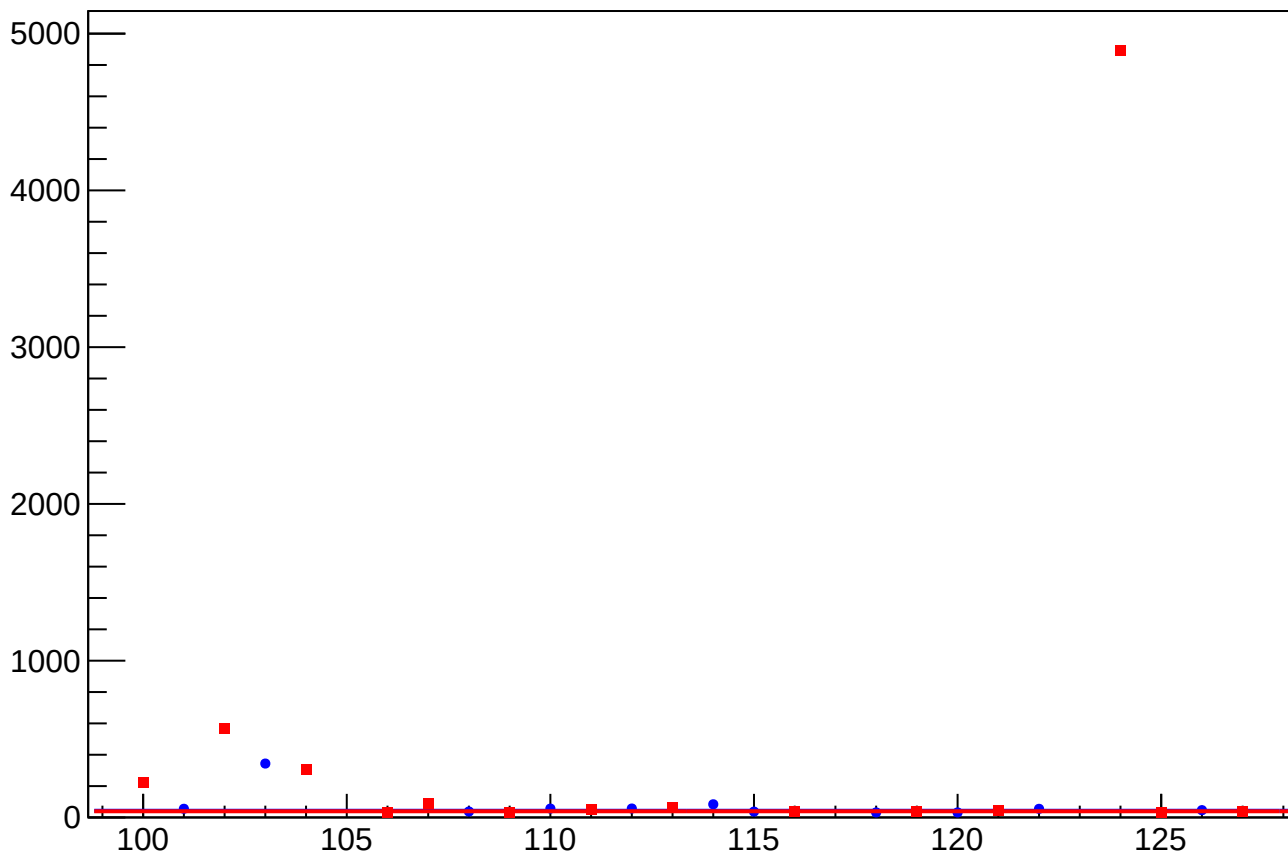
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.014 $\pm$ 0.016 χ^2 /NDF: 22.2/24

- 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: 42.663+/-0.016 χ^2/NDF : 1348612.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.508+/-0.015 χ^2/NDF : 2414872.8/13

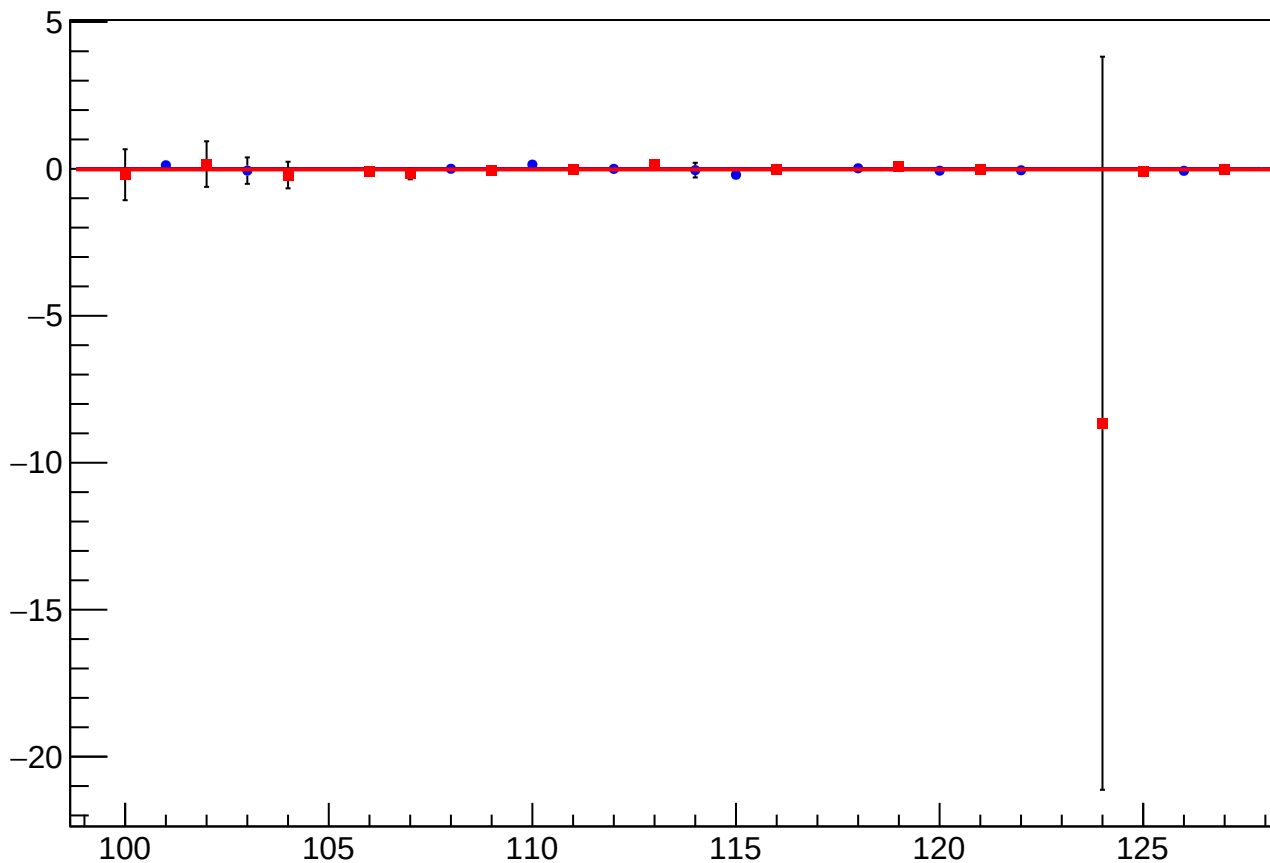
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.951+/-0.011 χ^2/NDF : 3783879.6/24

- 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: -0.006 ± 0.023 χ^2/NDF : 11.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.019 ± 0.021 χ^2/NDF : 10.8/13

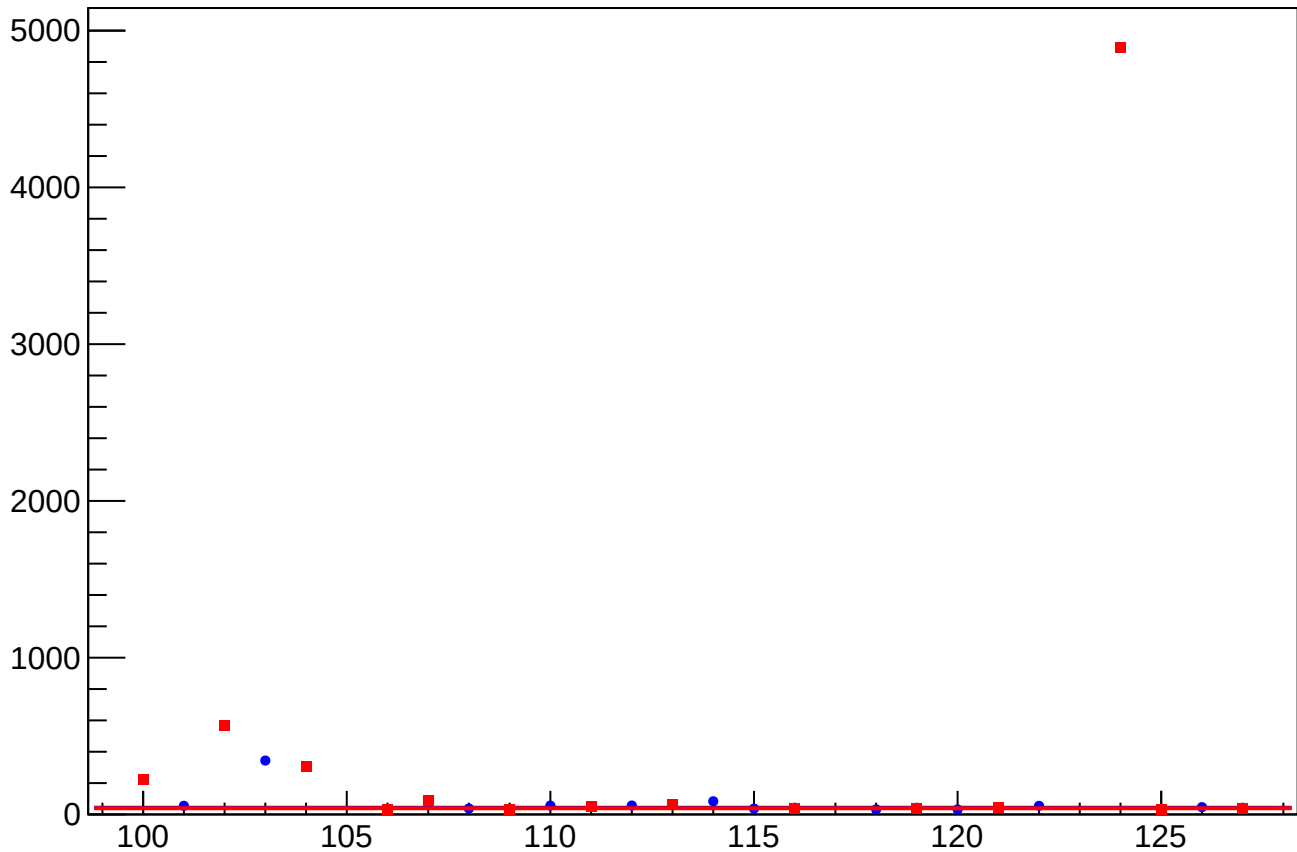
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.014 ± 0.016 χ^2/NDF : 22.2/24

- sign 0.000 ± 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: 42.663+/-0.016 χ^2/NDF : 1348612.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.508+/-0.015 χ^2/NDF : 2414872.8/13

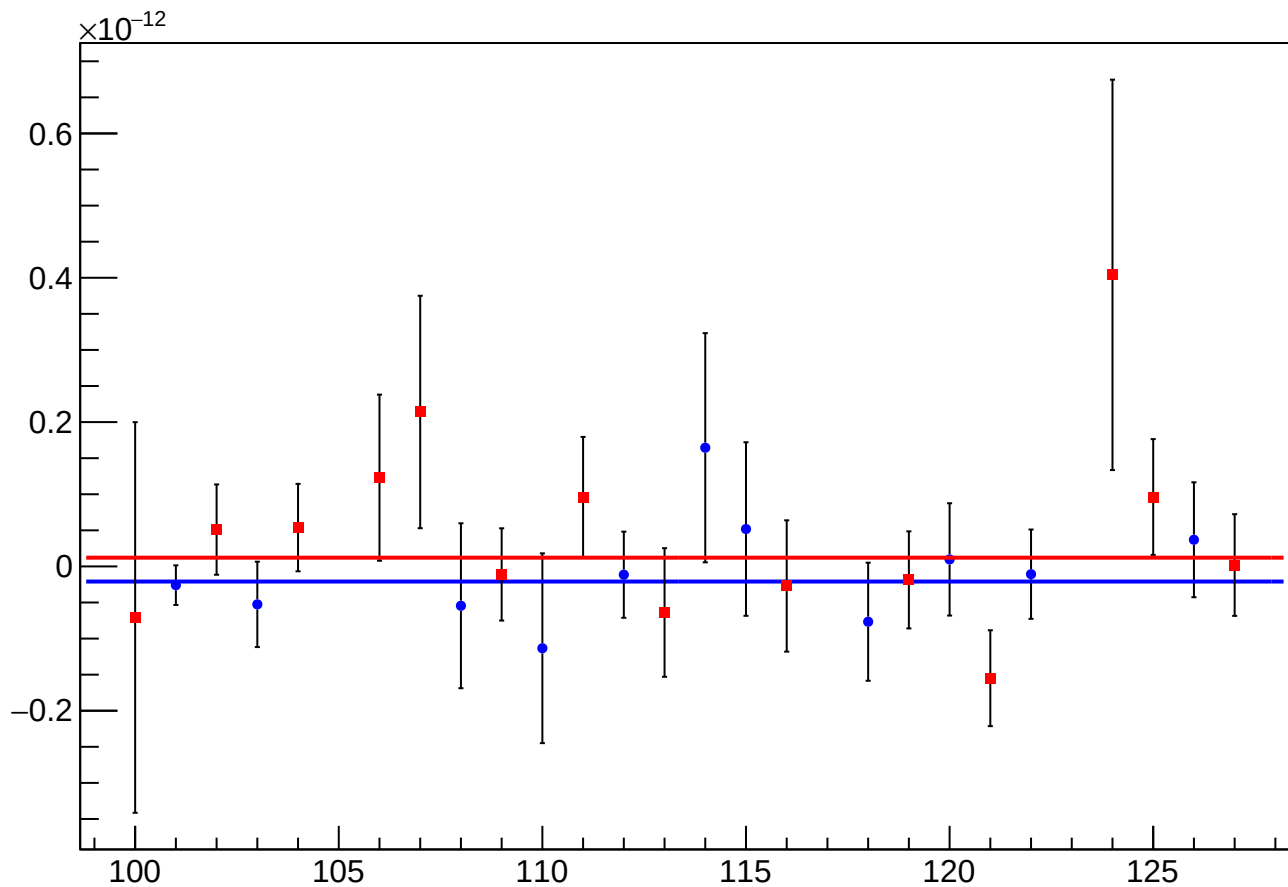
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.951+/-0.011 χ^2/NDF : 3783879.6/24

- 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 : 3.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.2/13

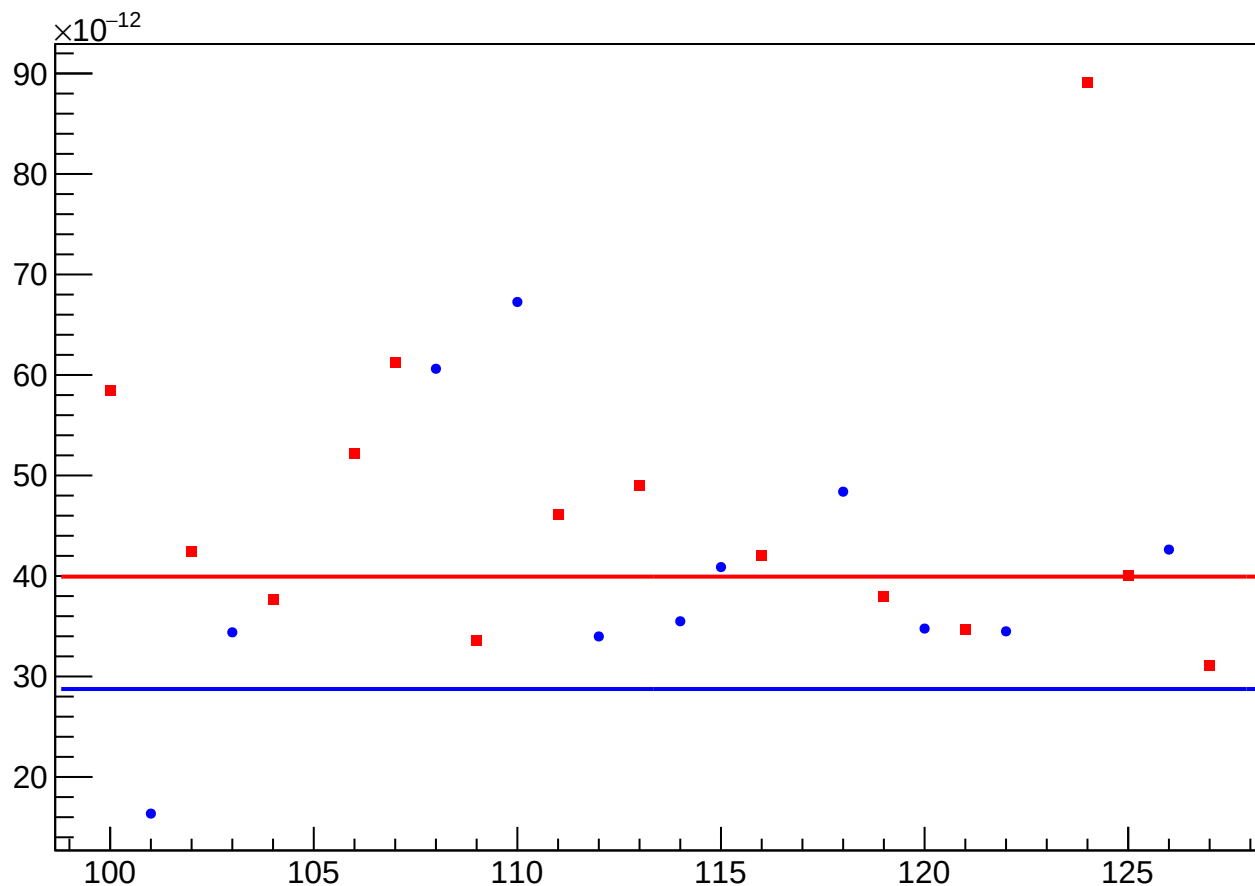
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.4/24

- 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+/-0.000 χ^2/NDF : 997770.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 237255.2/13

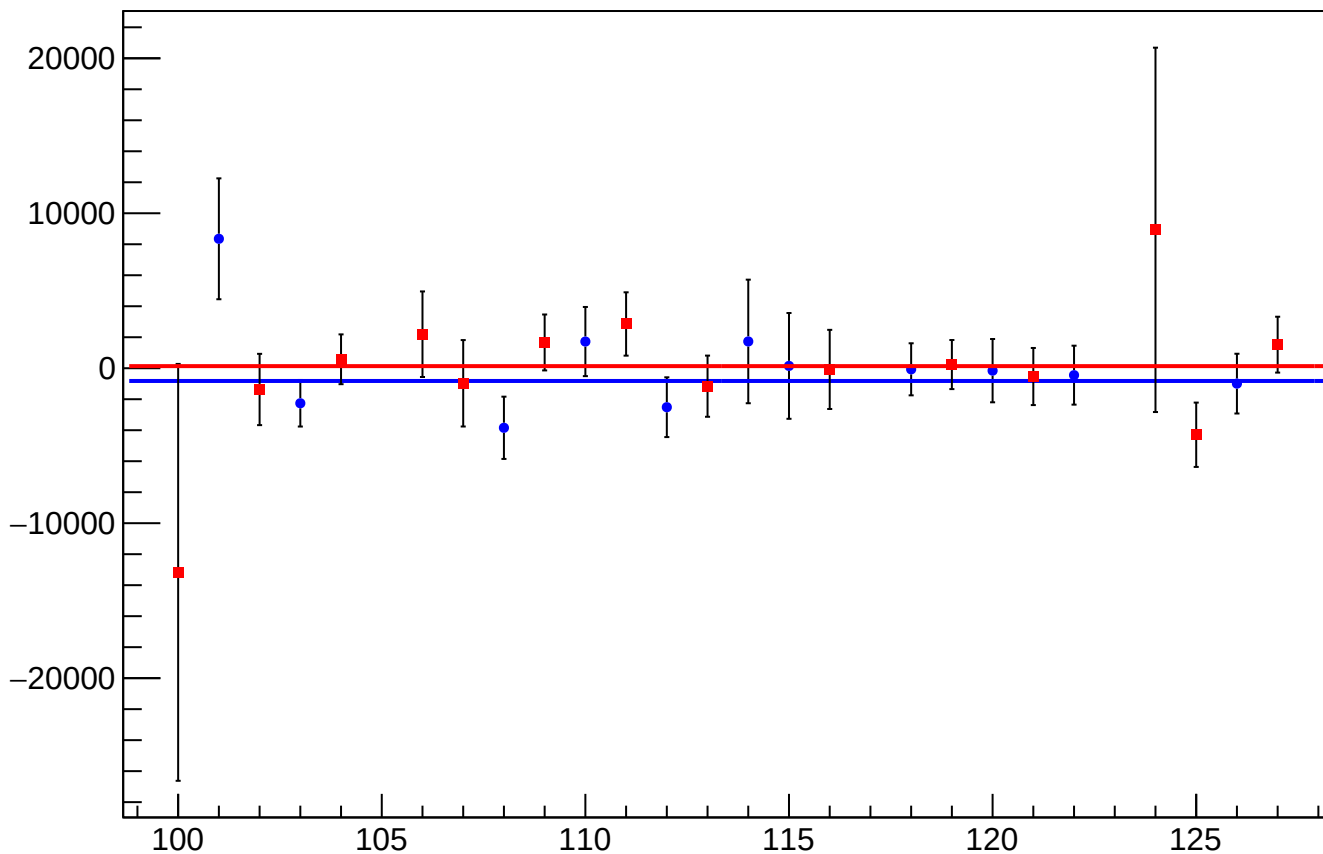
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1539090.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_at2_avg_dd_mean vs Slug



Right In: -822.181+/-630.549 χ^2/NDF : 11.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.708+/-573.668 χ^2/NDF : 11.0/13

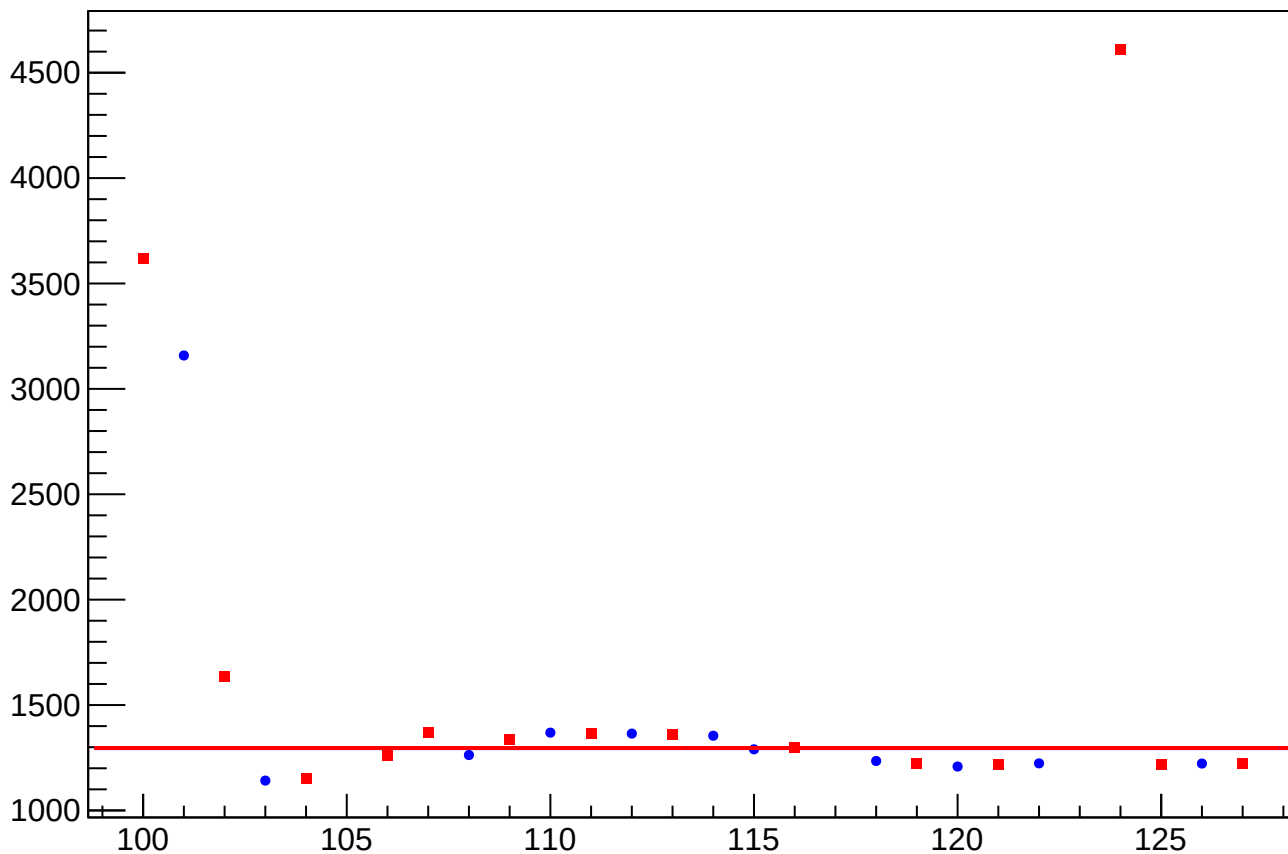
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -298.091+/-424.332 χ^2/NDF : 23.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1295.743+/-0.446 χ^2/NDF : 495036.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1296.192+/-0.404 χ^2/NDF : 299672.5/13

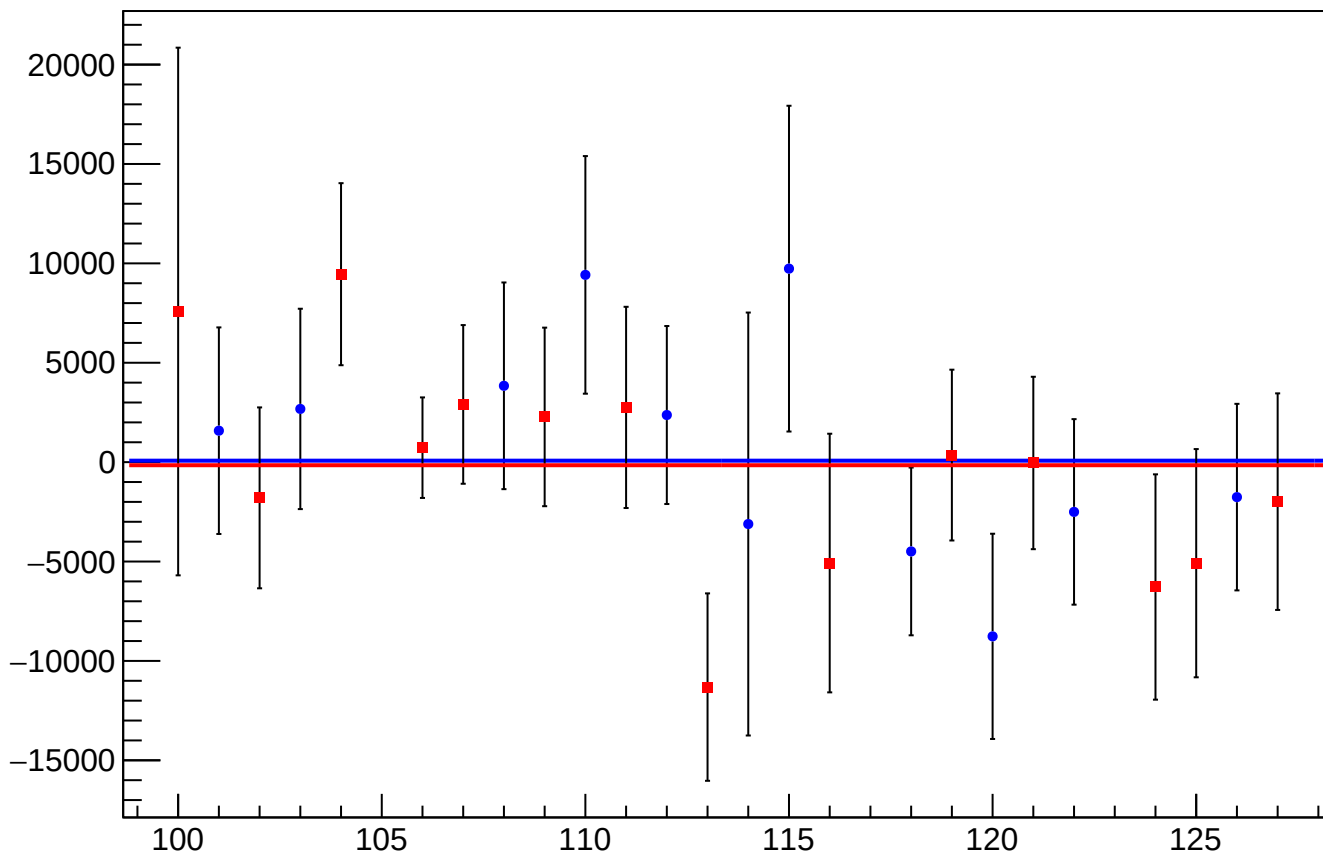
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1295.989+/-0.299 χ^2/NDF : 794709.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_reg_correction_mean vs Slug



Right In: 73.974+/-1581.072 χ^2/NDF : 9.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -154.904+/-1212.196 χ^2/NDF : 14.4/13

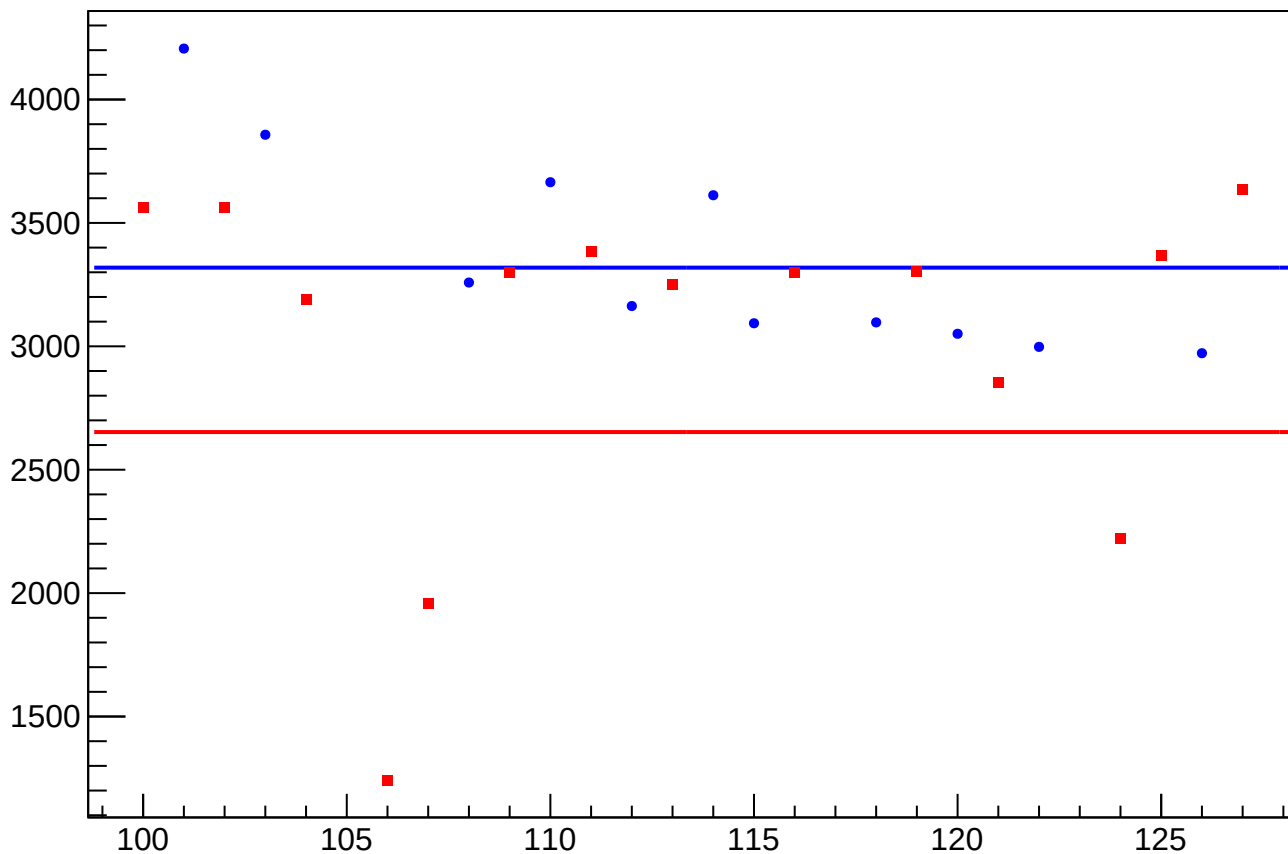
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -70.172+/-961.994 χ^2/NDF : 24.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_reg_correction_rms vs Slug



Right In: 3318.819+/-1.118 χ^2/NDF : 124926.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2652.612+/-0.857 χ^2/NDF : 1092406.4/13

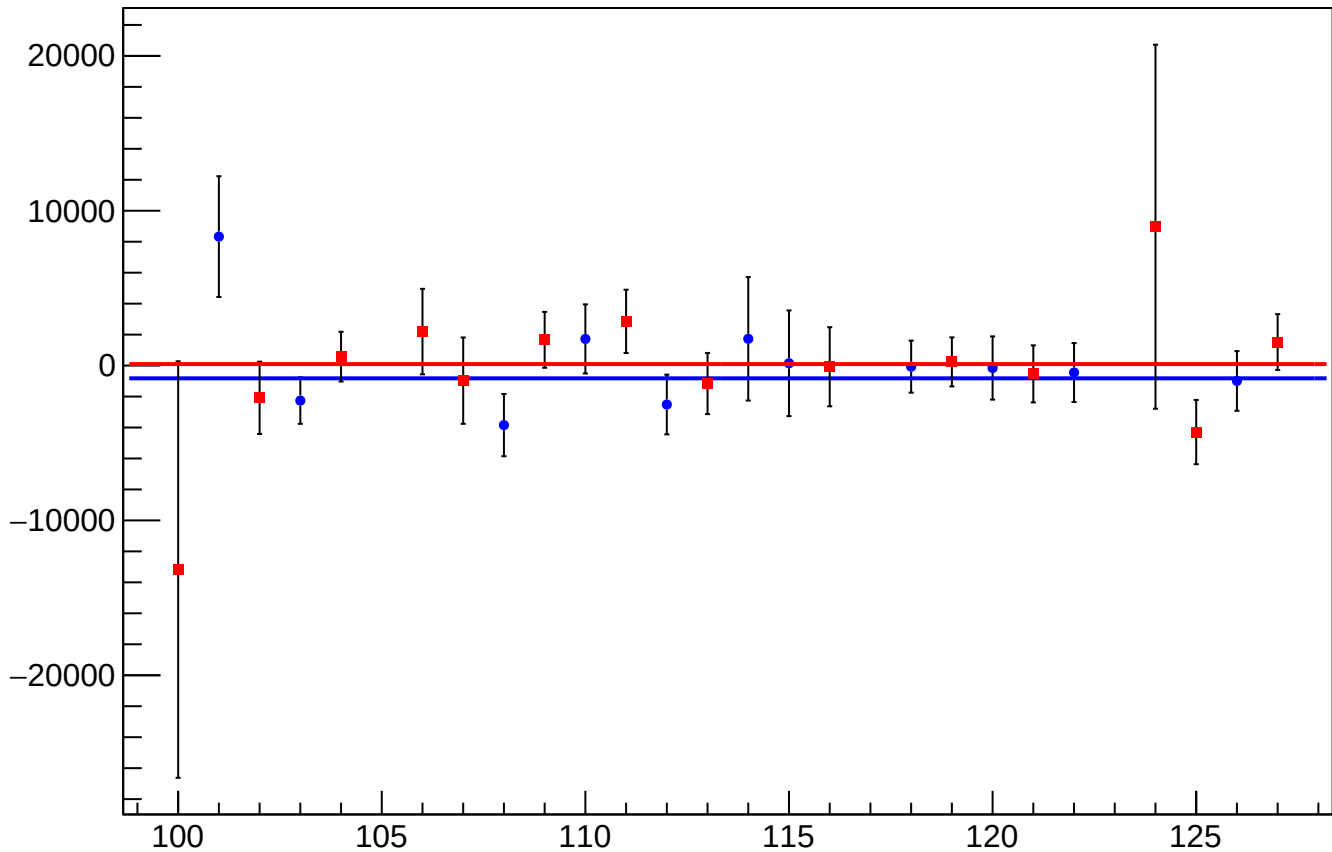
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2899.245+/-0.680 χ^2/NDF : 1440971.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at1_avg_at2_avg_dd_mean vs Slug



Right In: -822.808+/-630.550 χ^2 /NDF: 11.6/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 95.703+/-574.195 χ^2 /NDF: 11.4/13

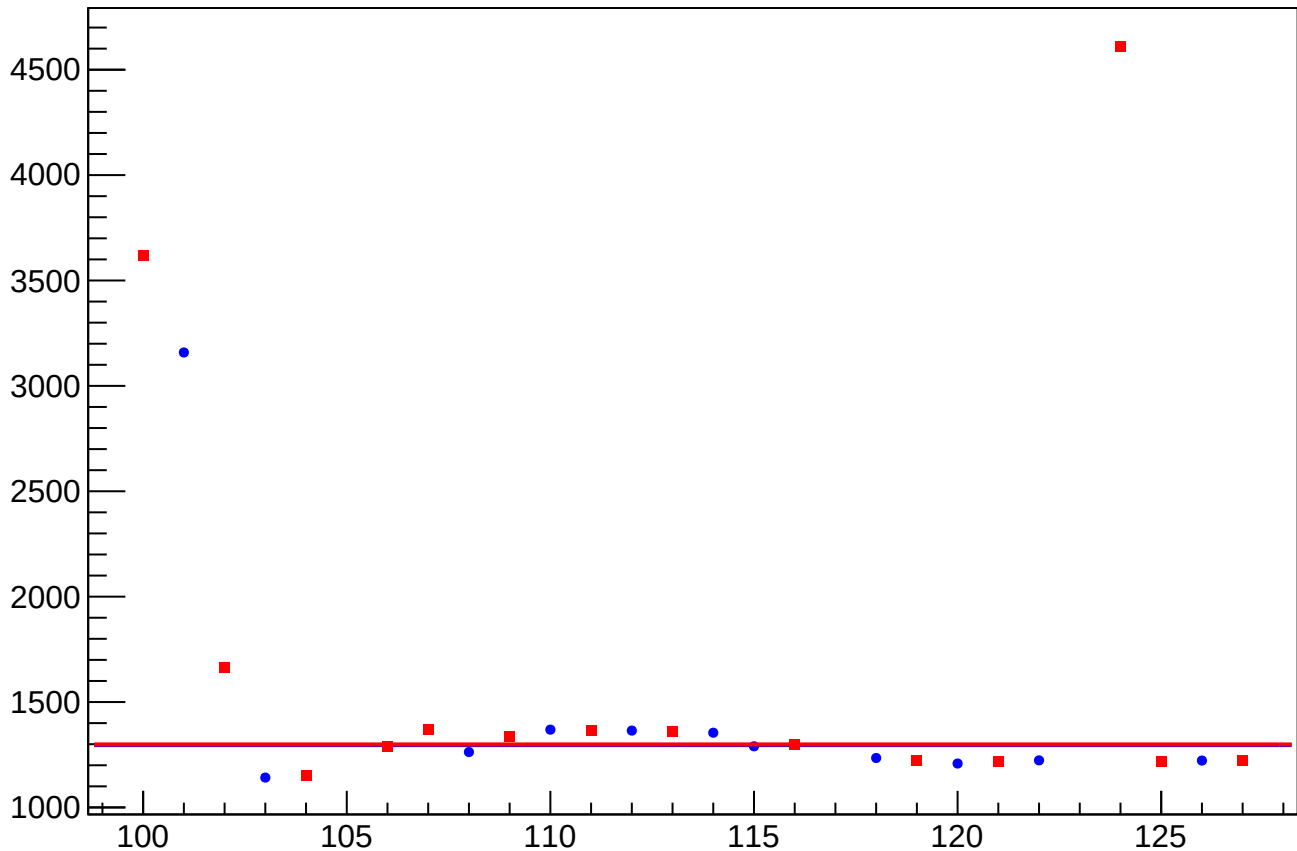
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -320.681+/-424.545 χ^2 /NDF: 24.2/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1295.743+/-0.446 χ^2/NDF : 495037.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

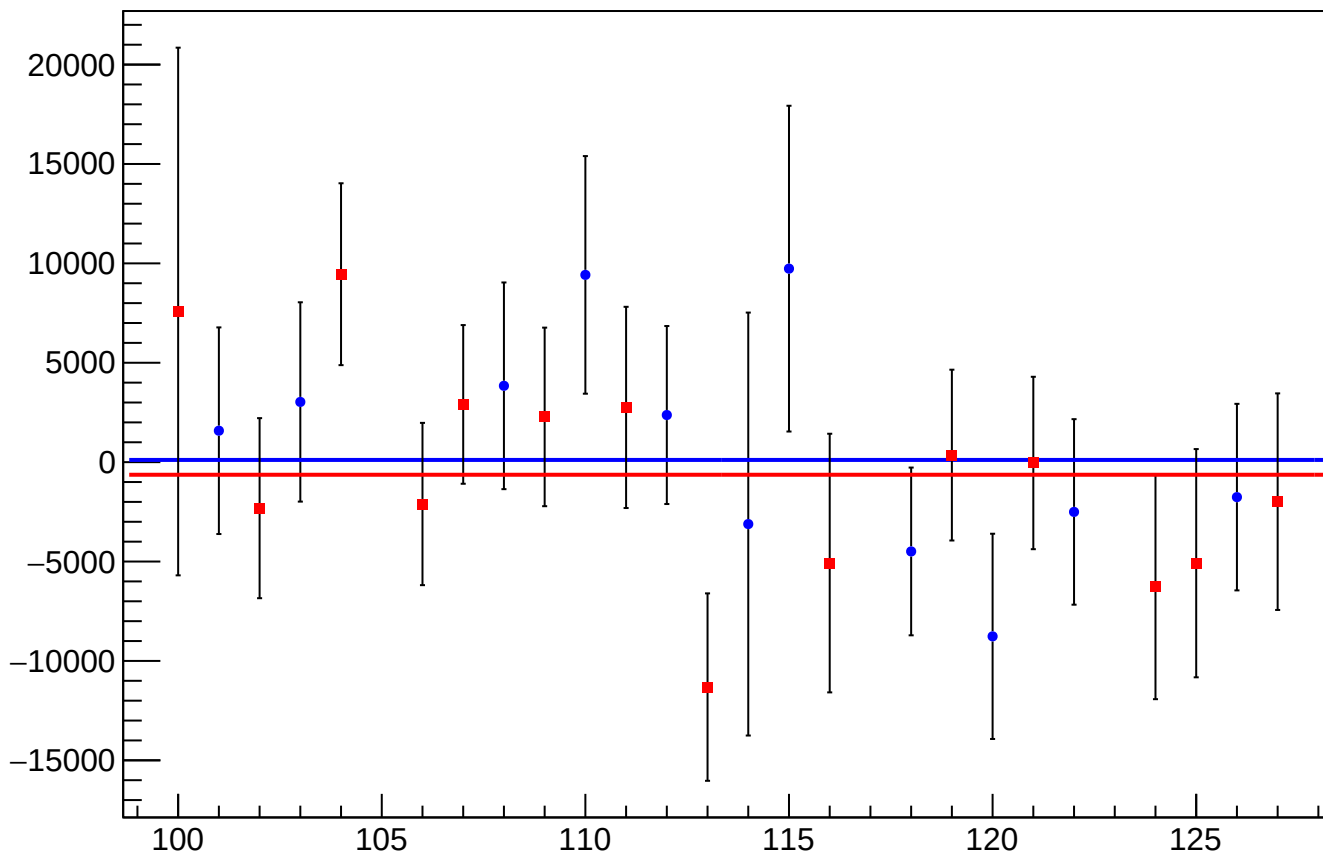
Right Out: 1298.985+/-0.405 χ^2/NDF : 306276.5/13

All: 1297.520+/-0.300 χ^2/NDF : 801343.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_cor_correction_mean vs Slug



Right In: 111.300+/-1580.299 χ^2/NDF : 9.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -634.166+/-1307.634 χ^2/NDF : 14.5/13

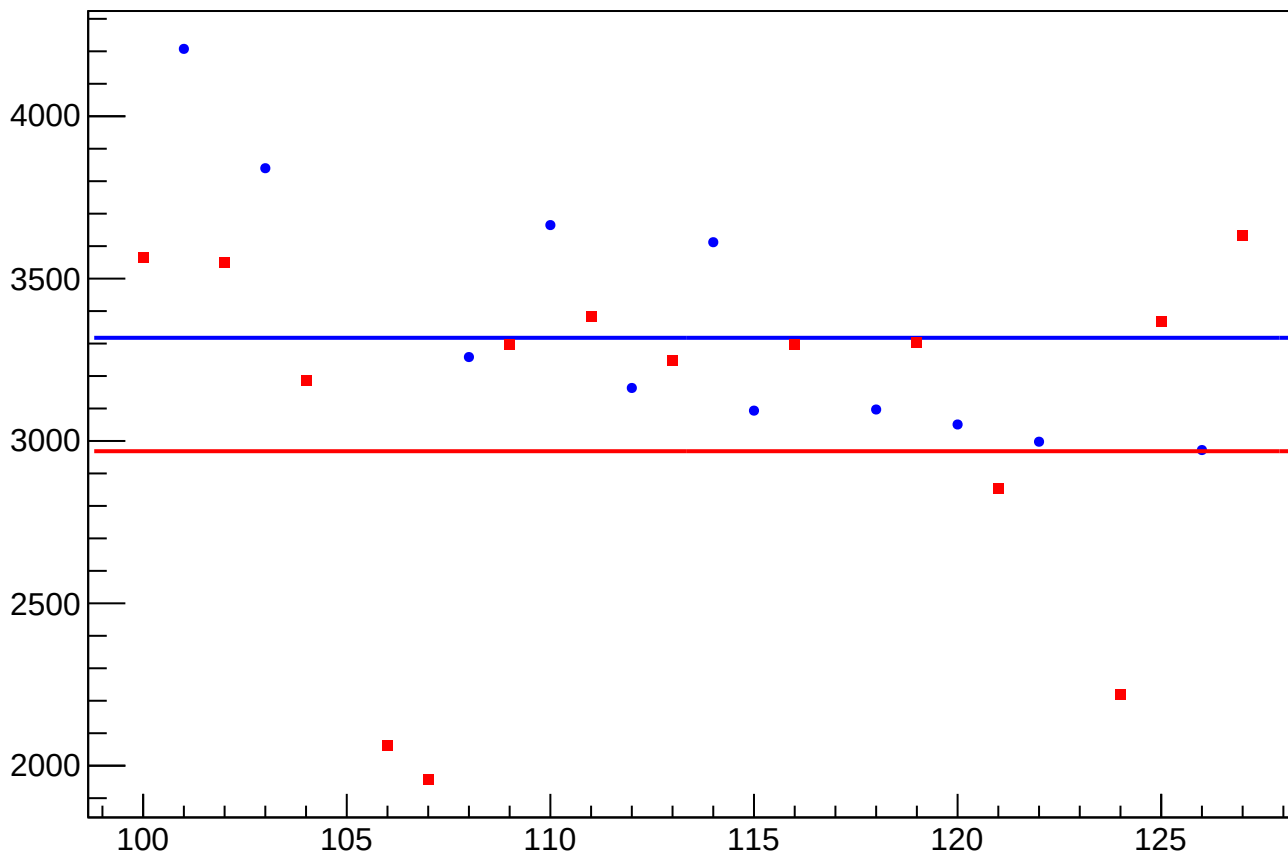
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -331.194+/-1007.456 χ^2/NDF : 24.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_cor_correction_rms vs Slug



Right In: 3317.703+/-1.117 χ^2/NDF : 123819.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

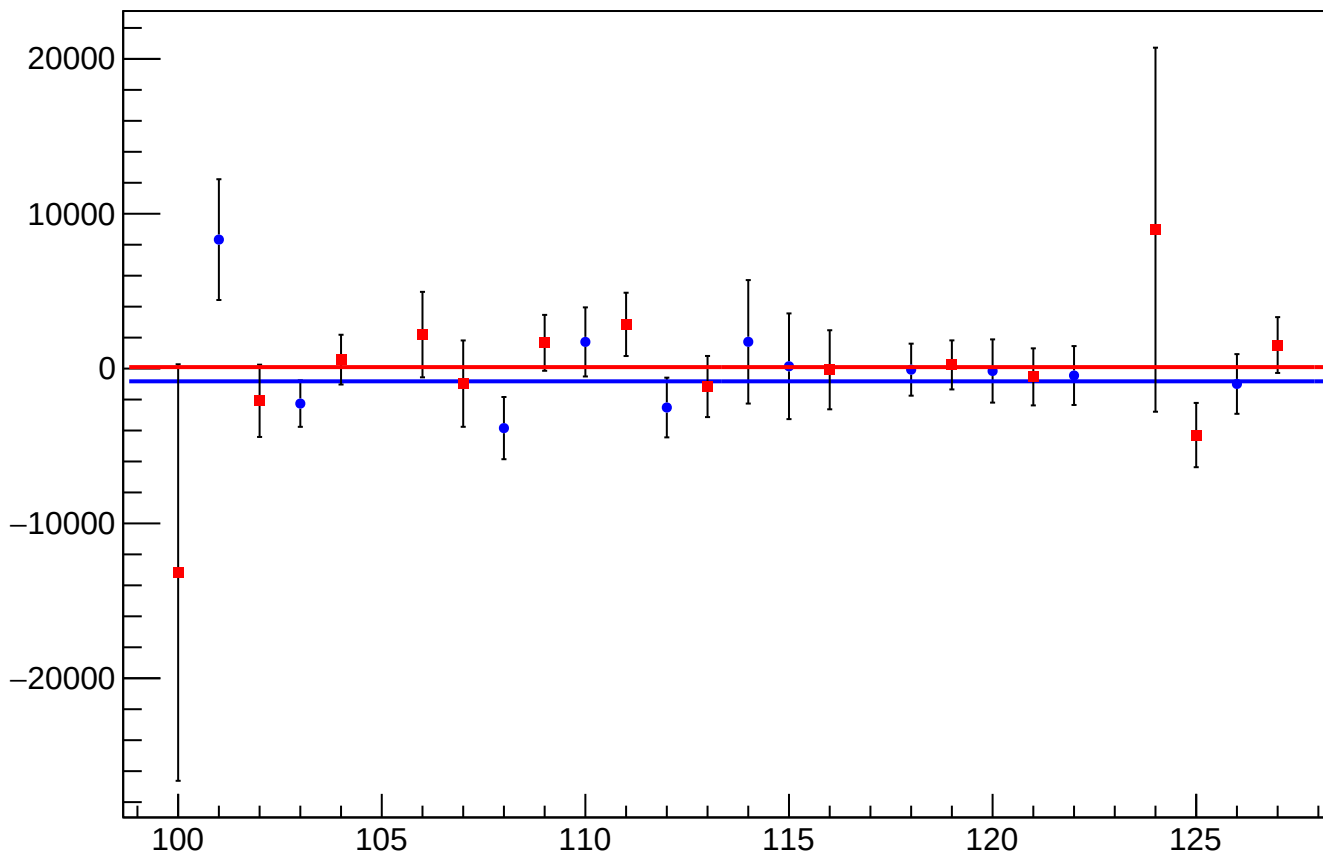
Right Out: 2968.475+/-0.925 χ^2/NDF : 393335.0/13

All: 3110.408+/-0.712 χ^2/NDF : 575131.1/24

- 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_at1_avg_at2_avg_dd_mean vs Slug



Right In: -822.808+/-630.550 χ^2/NDF : 11.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.703+/-574.195 χ^2/NDF : 11.4/13

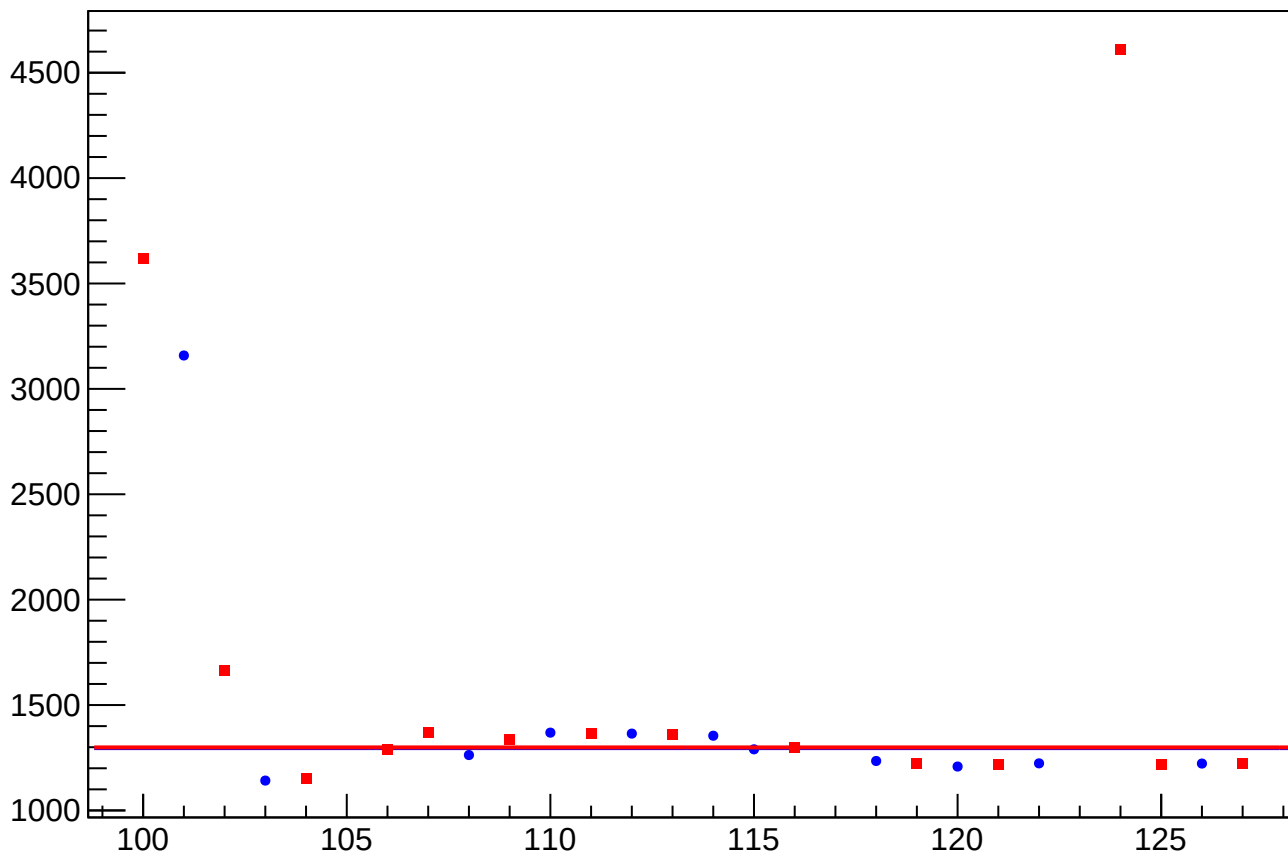
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -320.681+/-424.545 χ^2/NDF : 24.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1295.743+/-0.446 χ^2/NDF : 495037.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.985+/-0.405 χ^2/NDF : 306276.5/13

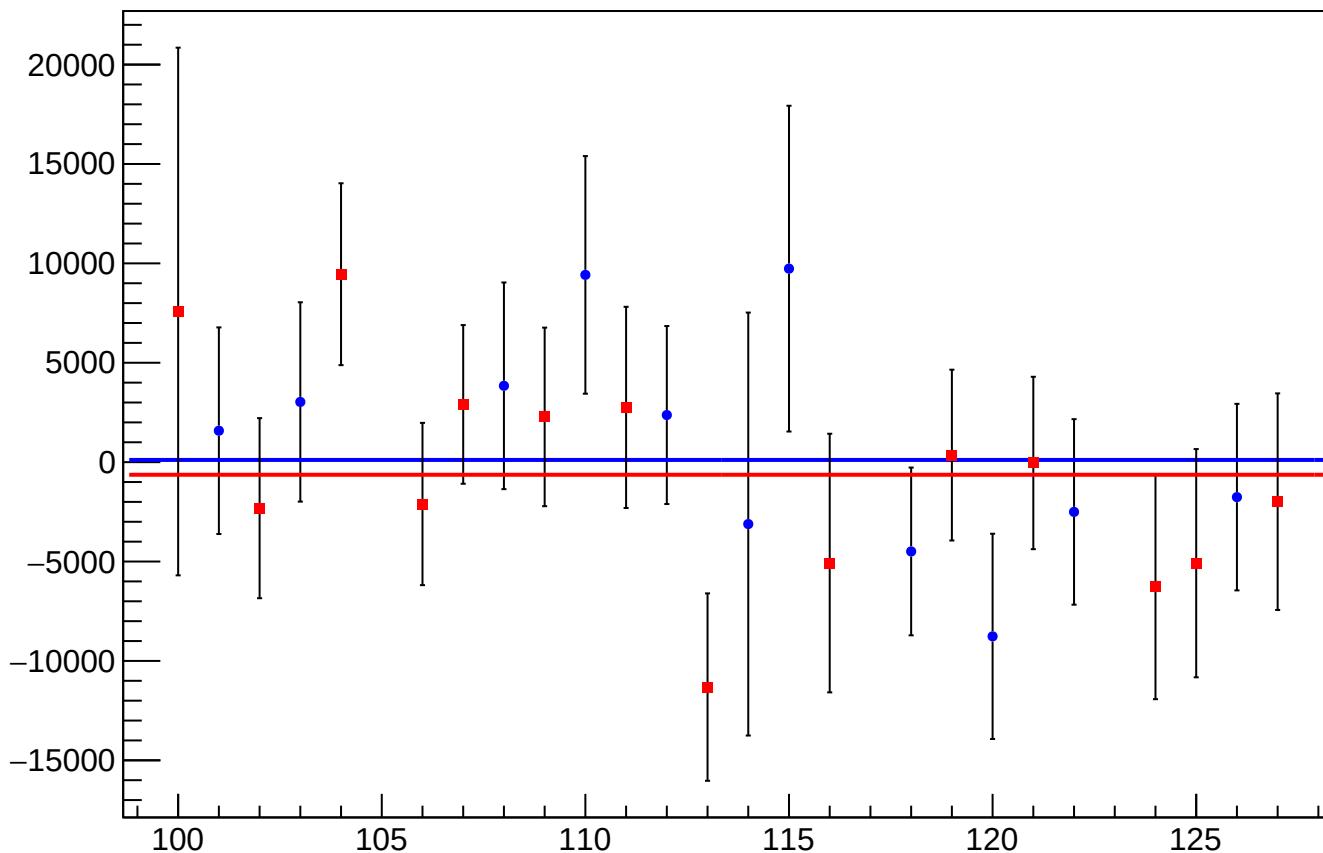
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1297.520+/-0.300 χ^2/NDF : 801343.2/24

- 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: 111.300+/-1580.299 χ^2/NDF : 9.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -634.166+/-1307.634 χ^2/NDF : 14.5/13

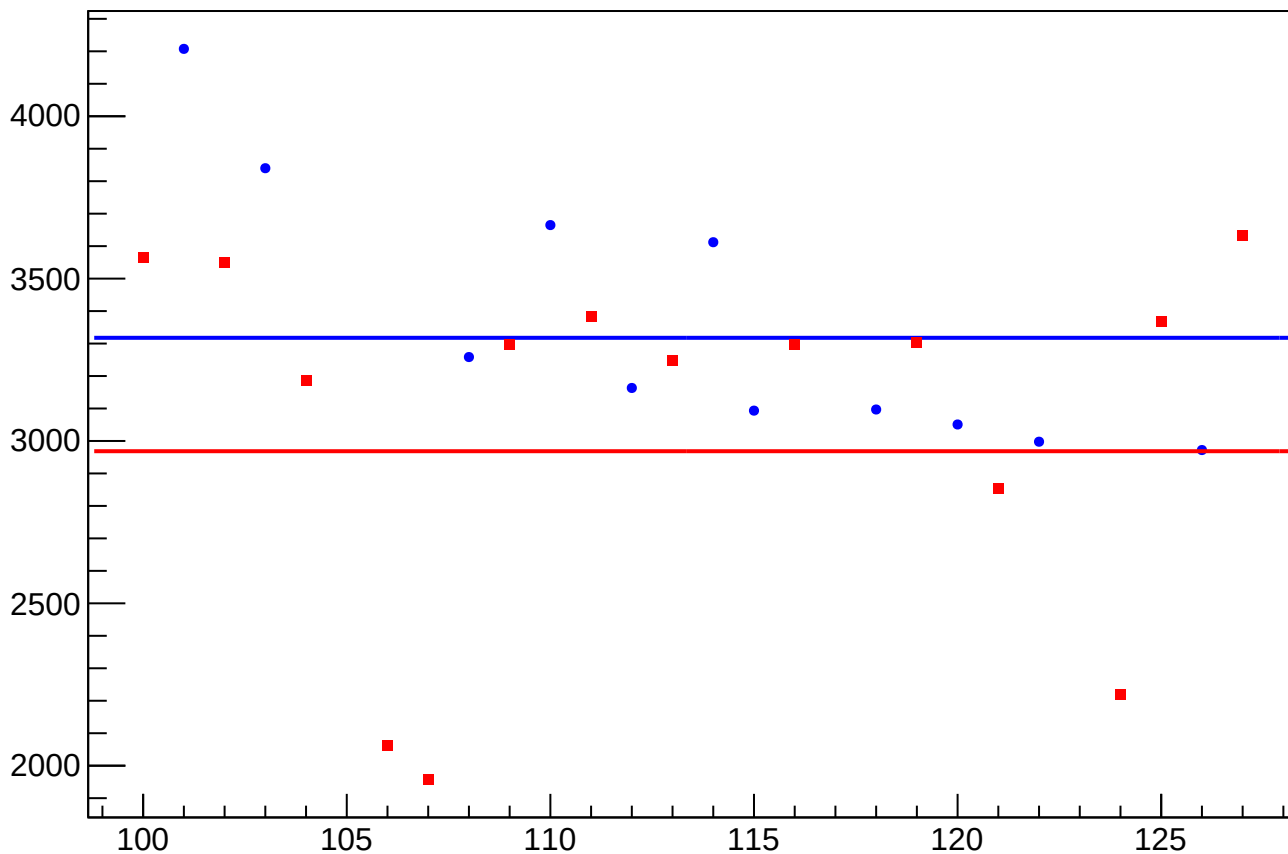
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -331.194+/-1007.456 χ^2/NDF : 24.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_eigen_cor_correction_rms vs Slug



Right In: 3317.703+/-1.117 χ^2/NDF : 123819.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

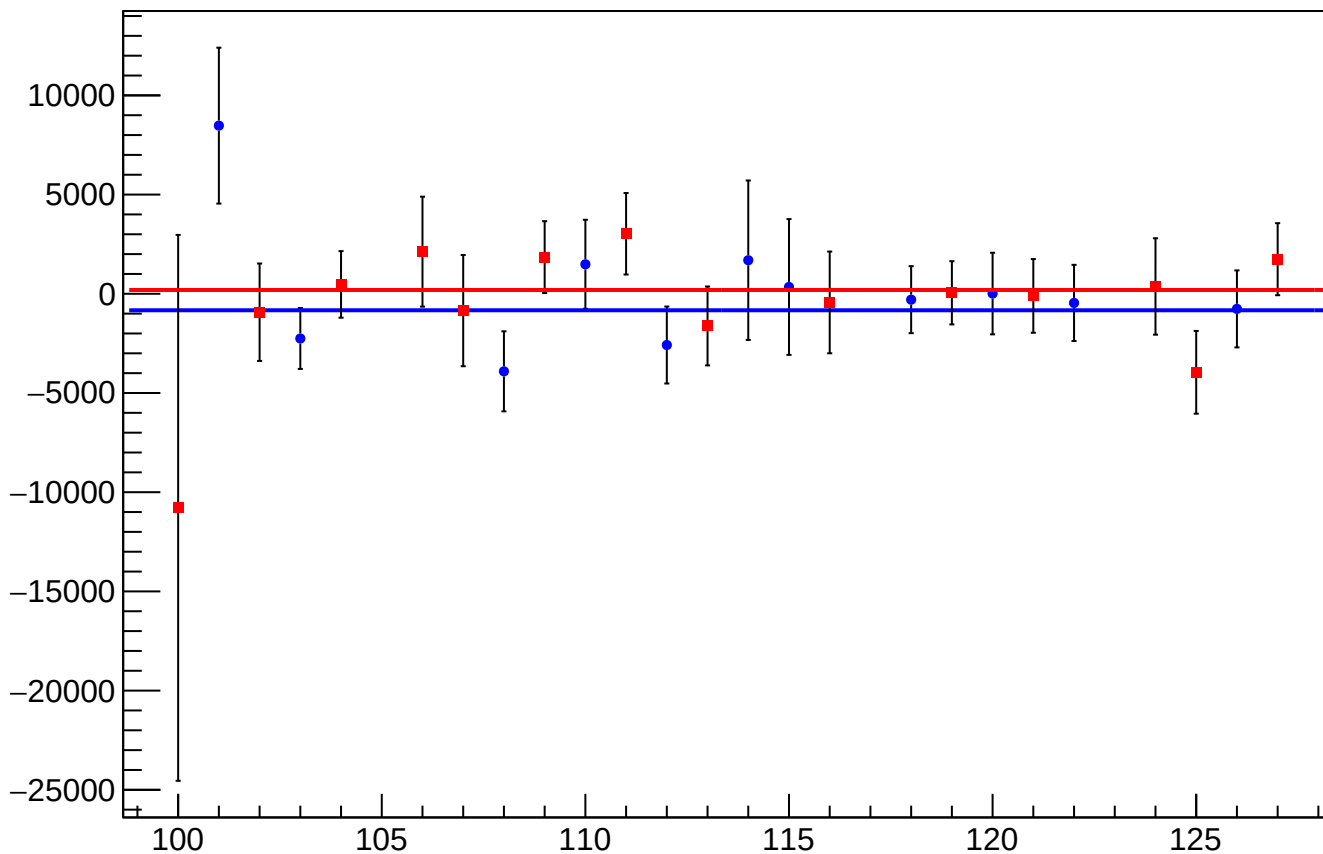
Right Out: 2968.475+/-0.925 χ^2/NDF : 393335.0/13

All: 3110.408+/-0.712 χ^2/NDF : 575131.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at1_avg_at2_avg_dd_mean vs Slug



Right In: -830.849+/-636.086 χ^2/NDF : 11.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 192.145+/-566.342 χ^2/NDF : 9.9/13

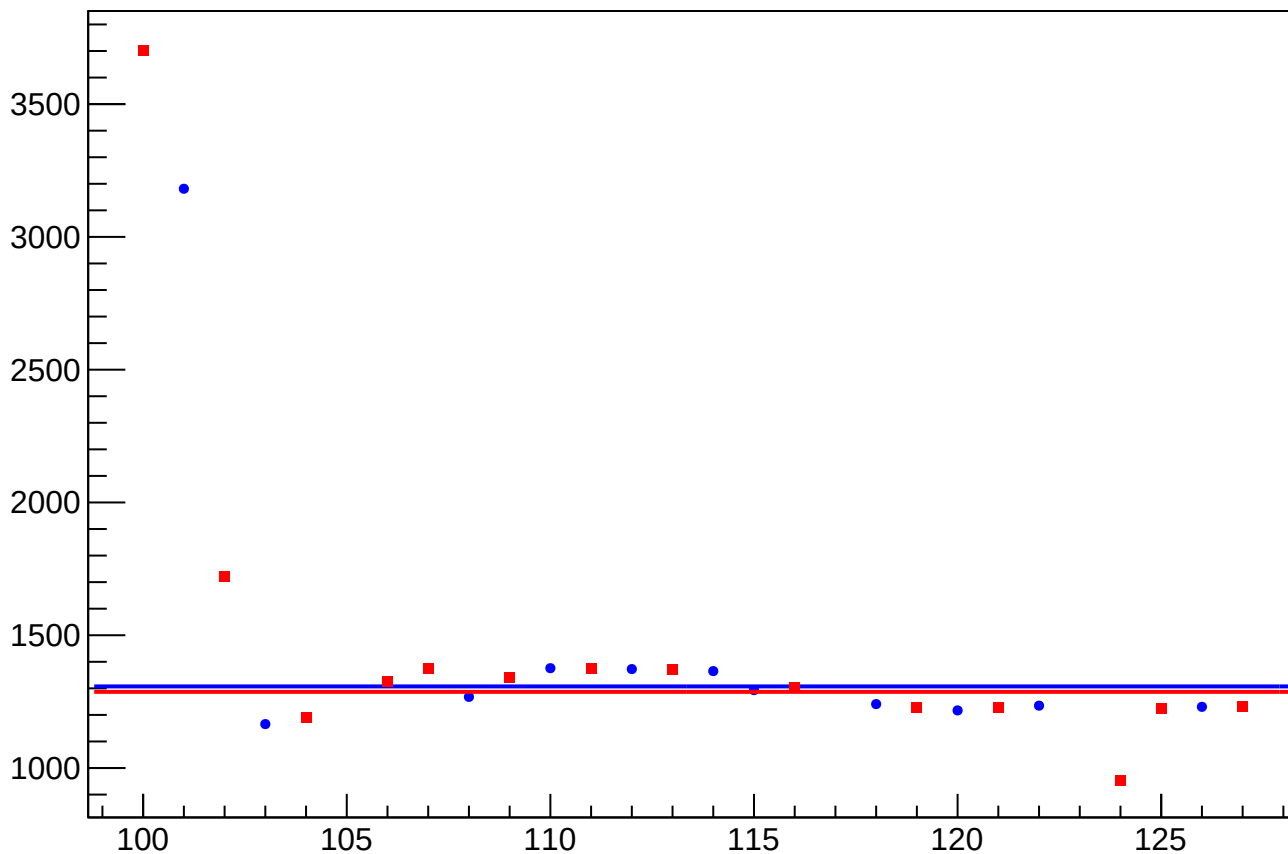
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -260.215+/-422.982 χ^2/NDF : 22.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1307.322+/-0.450 χ^2/NDF : 490345.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1286.883+/-0.400 χ^2/NDF : 188442.4/13

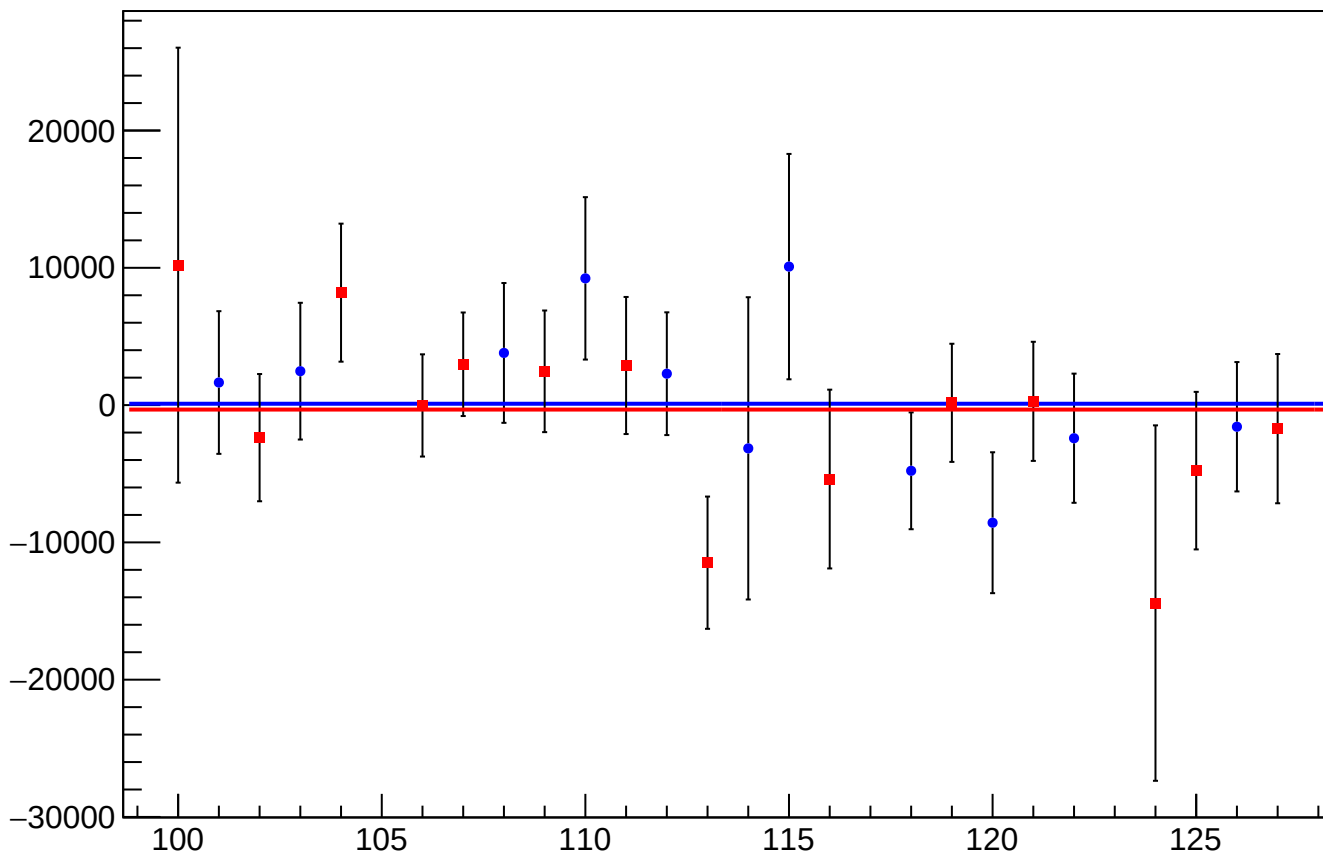
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1295.911+/-0.299 χ^2/NDF : 679941.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_dit_correction_mean vs Slug



Right In: 98.867 $\pm$ 1579.070 χ^2 /NDF: 9.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -325.100 $\pm$ 1327.200 χ^2 /NDF: 12.9/13

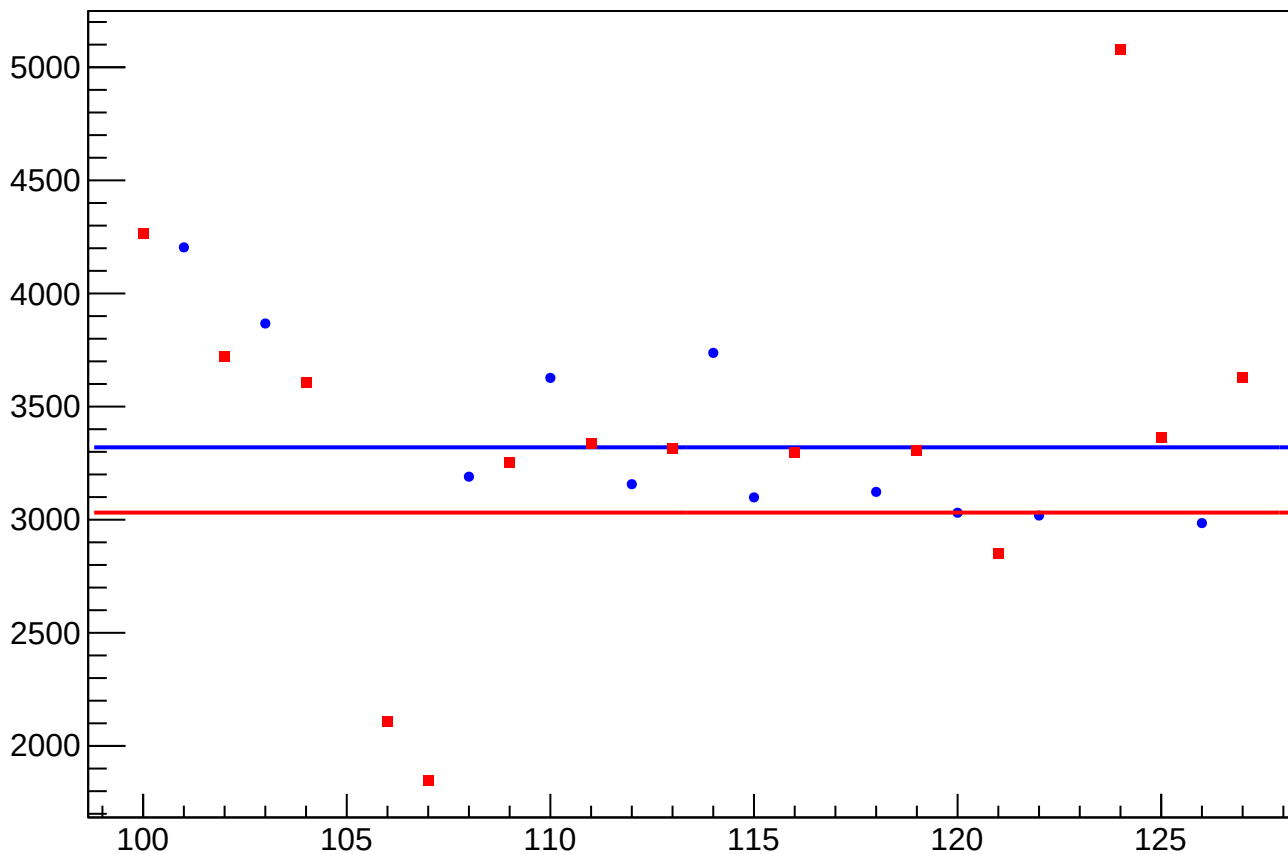
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -149.585 $\pm$ 1015.996 χ^2 /NDF: 22.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_dit_correction_rms vs Slug



Right In: 3319.998+/-1.117 χ^2/NDF : 124640.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

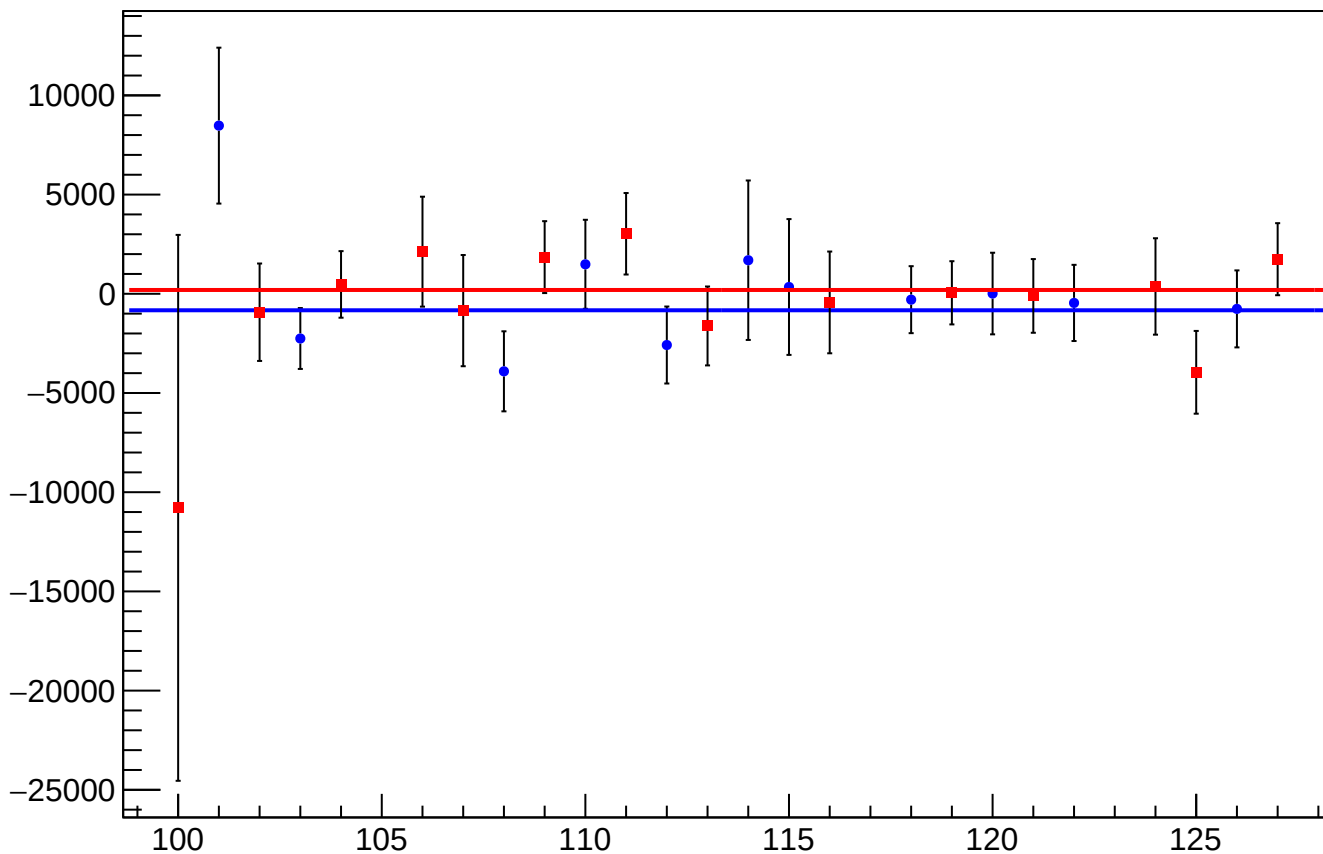
Right Out: 3031.500+/-0.938 χ^2/NDF : 517789.1/13

All: 3150.933+/-0.718 χ^2/NDF : 681551.9/24

- 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_at1_avg_at2_avg_dd_mean vs Slug



Right In: -830.846+/-636.086 χ^2/NDF : 11.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 192.152+/-566.342 χ^2/NDF : 9.9/13

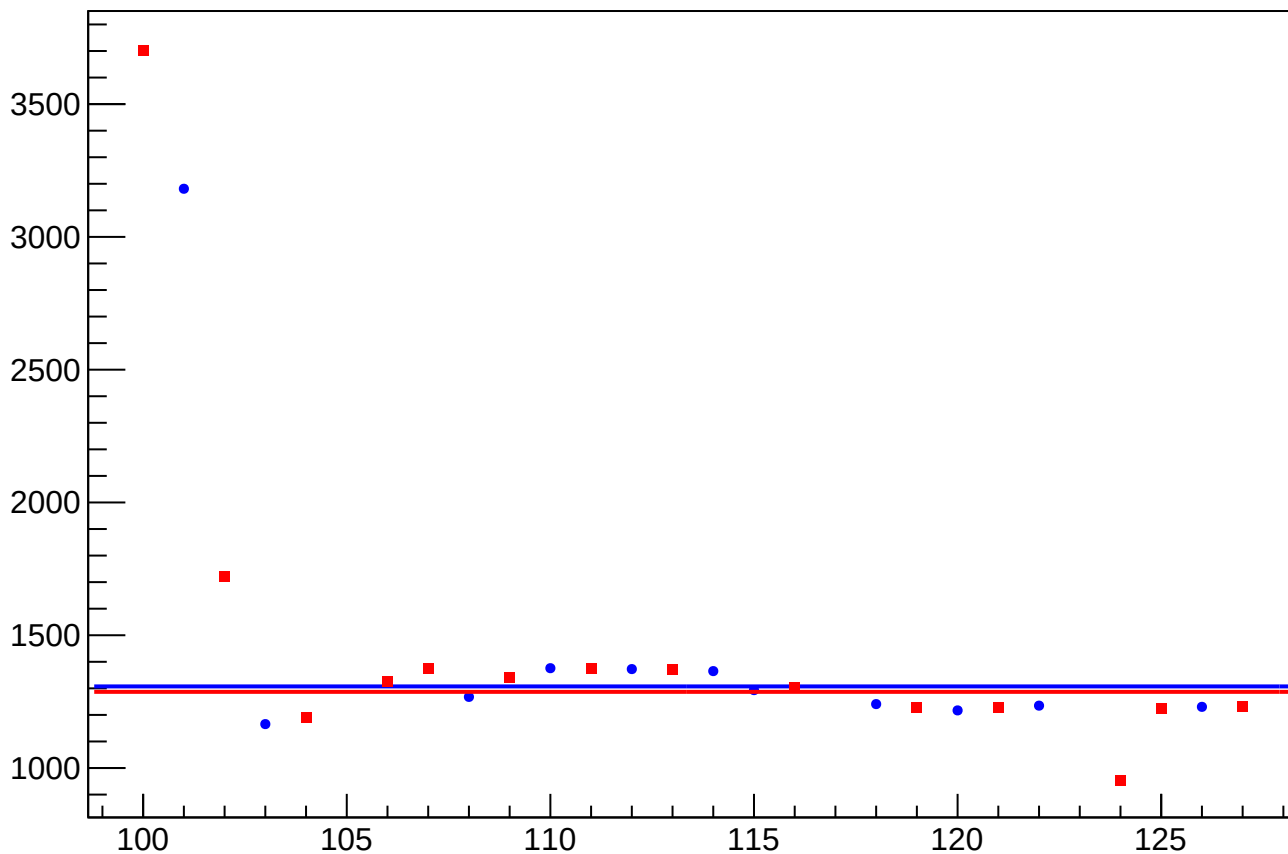
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -260.209+/-422.982 χ^2/NDF : 22.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1307.322+/-0.450 χ^2/NDF : 490345.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1286.883+/-0.400 χ^2/NDF : 188442.4/13

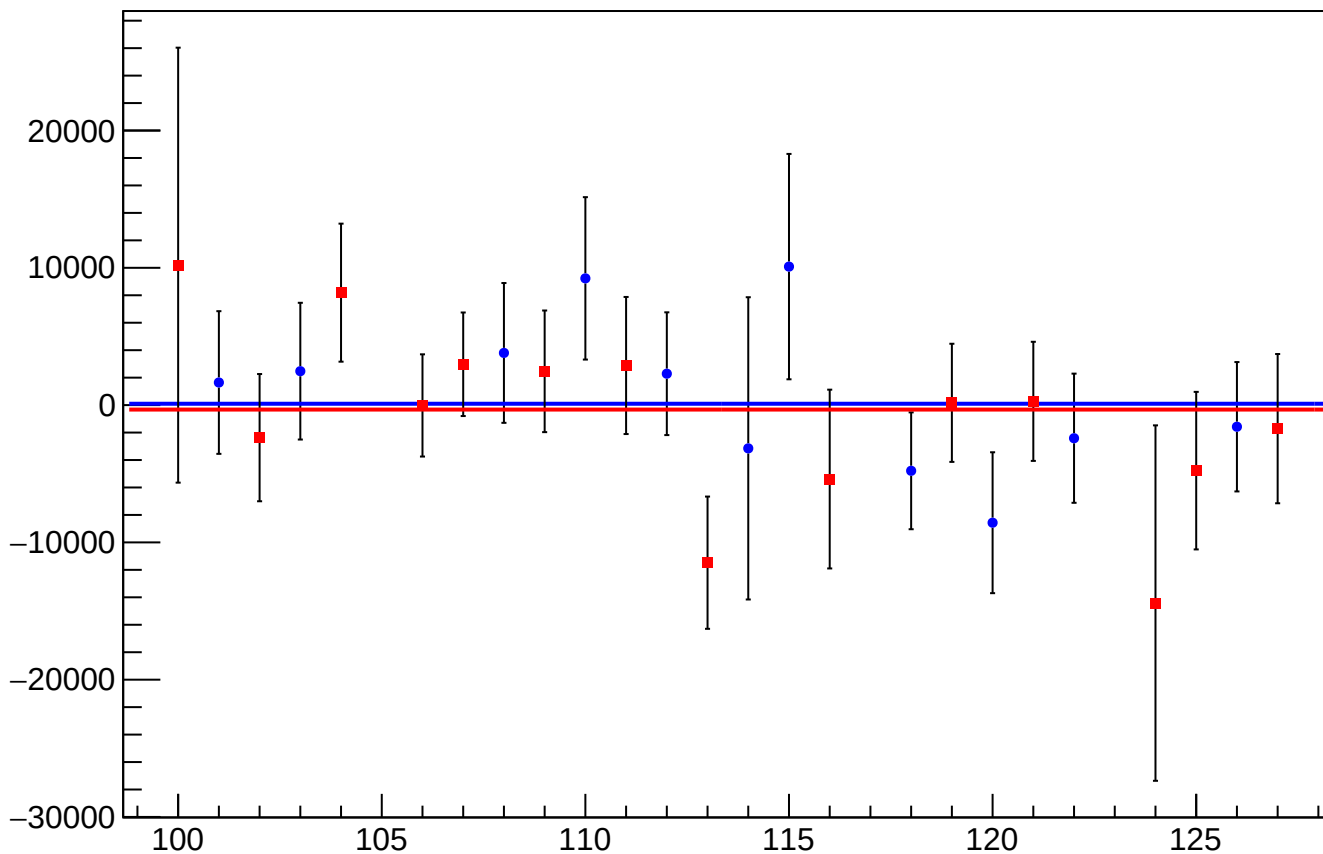
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1295.911+/-0.299 χ^2/NDF : 679941.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_correction_mean vs Slug



Right In: 98.860 $\pm$ 1579.065 χ^2 /NDF: 9.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -325.094 $\pm$ 1327.197 χ^2 /NDF: 12.9/13

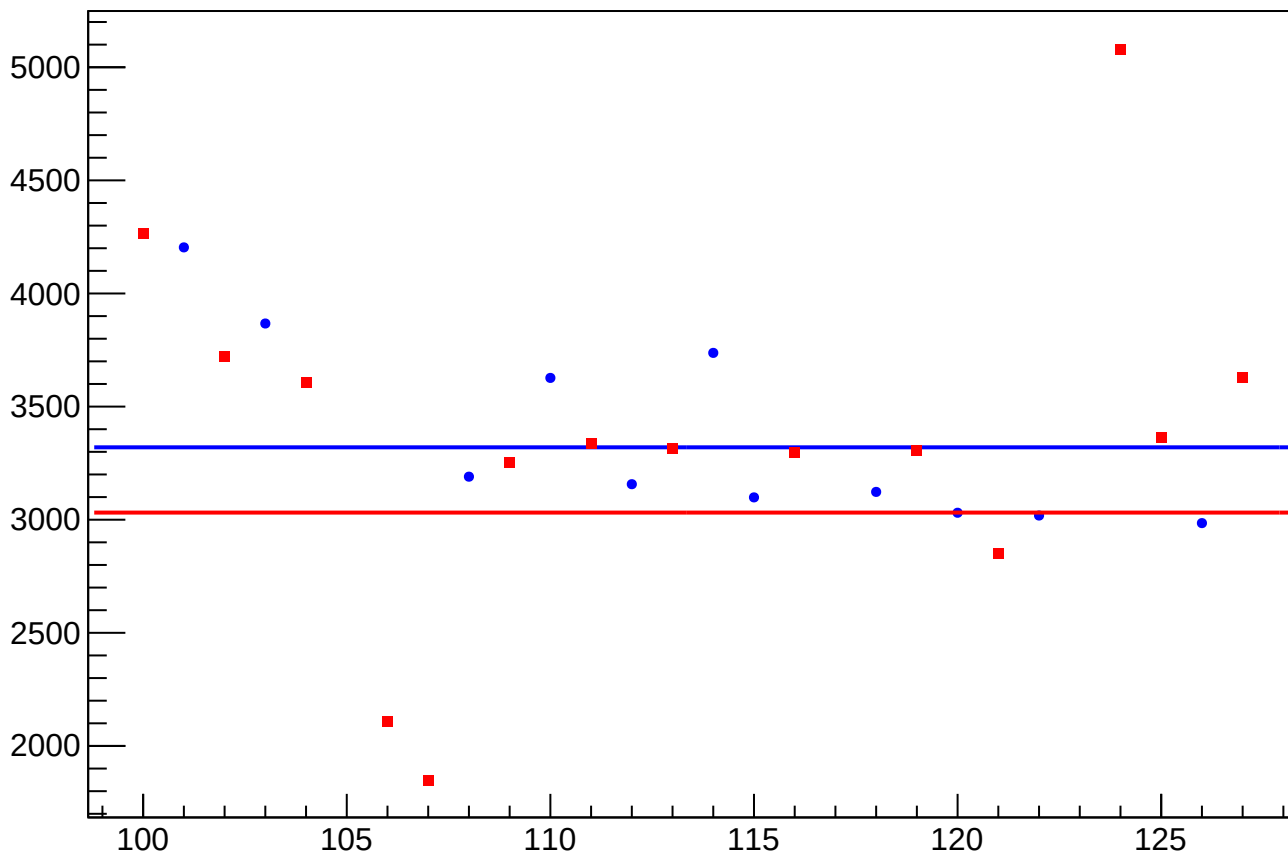
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -149.585 $\pm$ 1015.993 χ^2 /NDF: 22.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_correction_rms vs Slug



Right In: 3319.987 $\pm$ 1.117 χ^2 /NDF: 124643.5/10

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

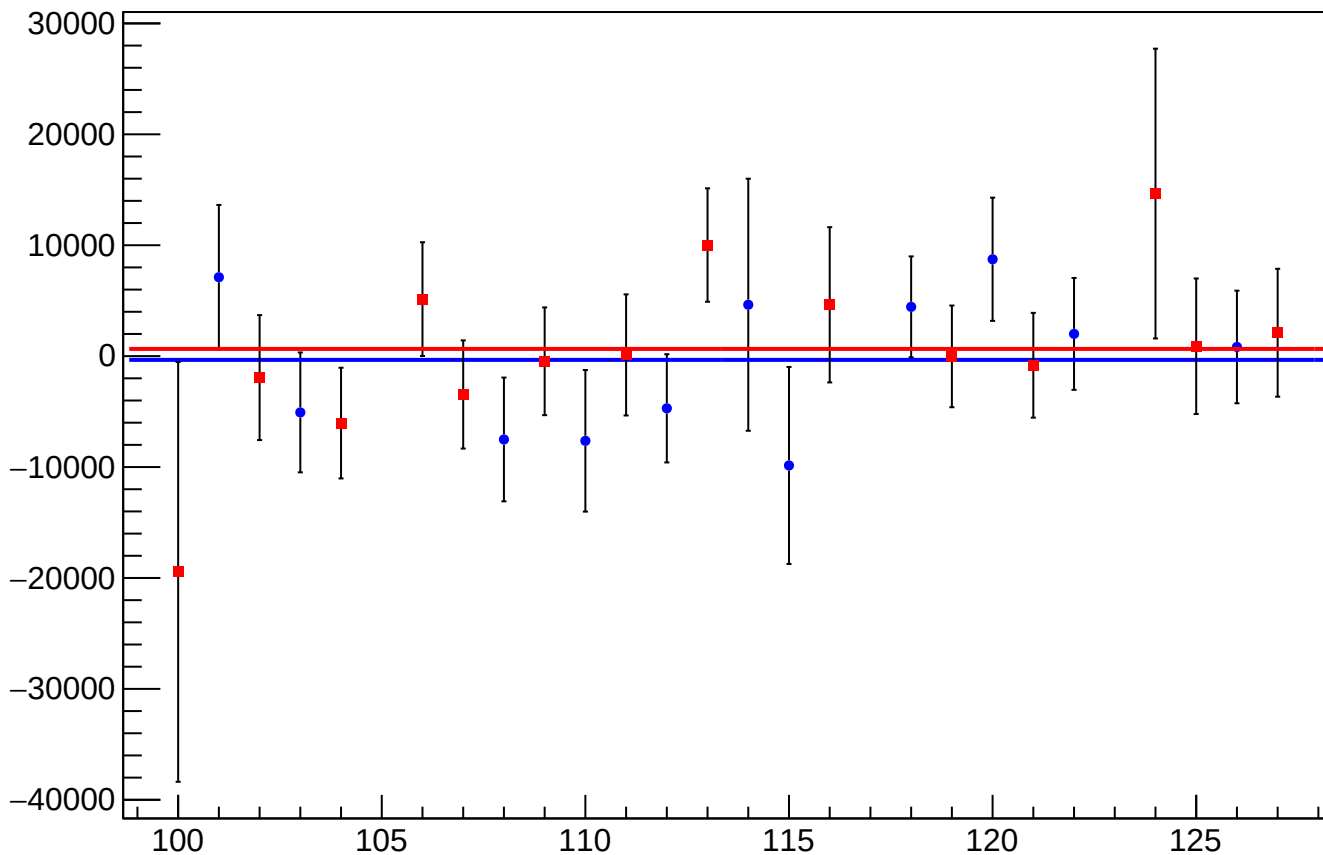
Right Out: 3031.492 $\pm$ 0.938 χ^2 /NDF: 517790.7/13

All: 3150.924 $\pm$ 0.718 χ^2 /NDF: 681556.0/24

- 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_mean vs Slug



Right In: -336.593+/-1725.983 χ^2/NDF : 11.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 651.498+/-1500.419 χ^2/NDF : 9.7/13

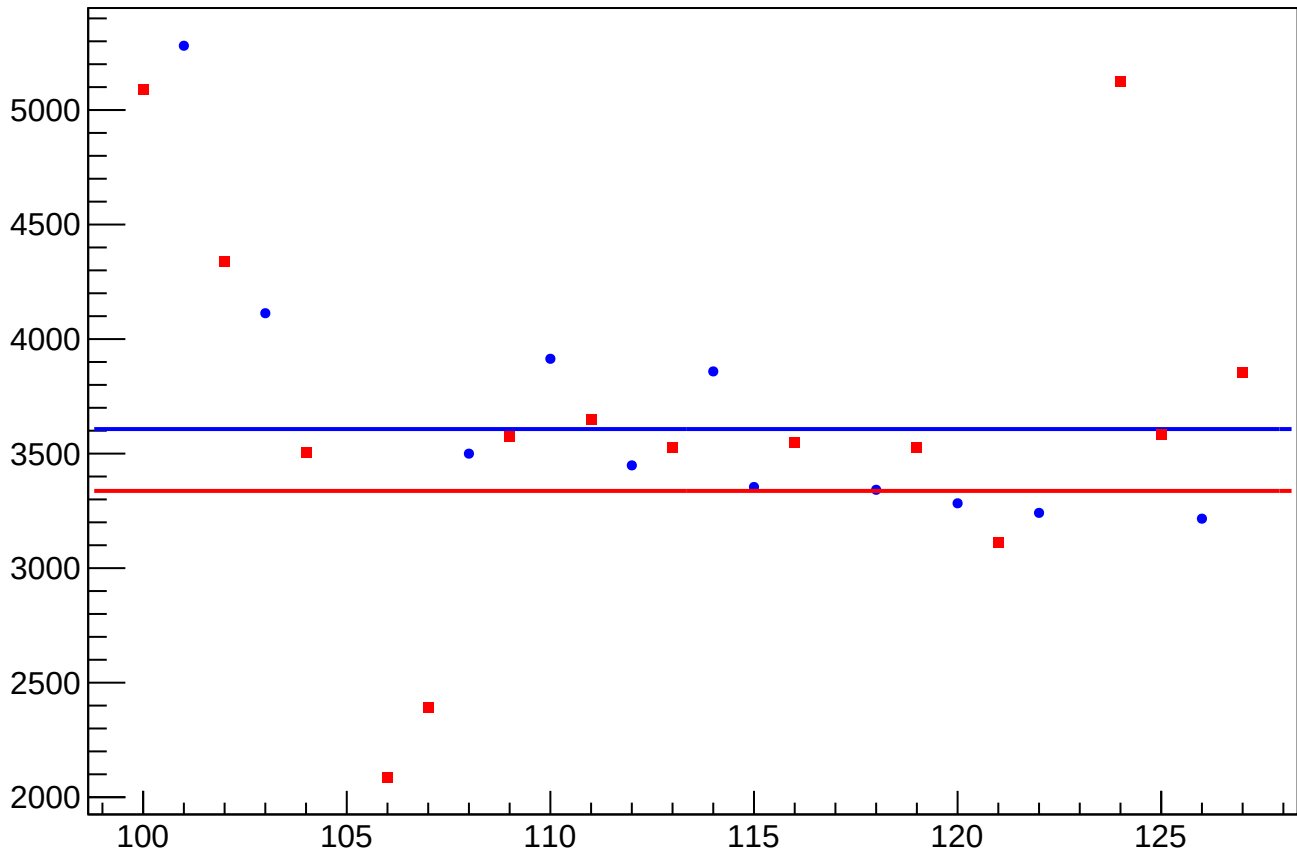
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 226.196+/-1132.366 χ^2/NDF : 21.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 3607.179+/-1.220 χ^2/NDF : 195433.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

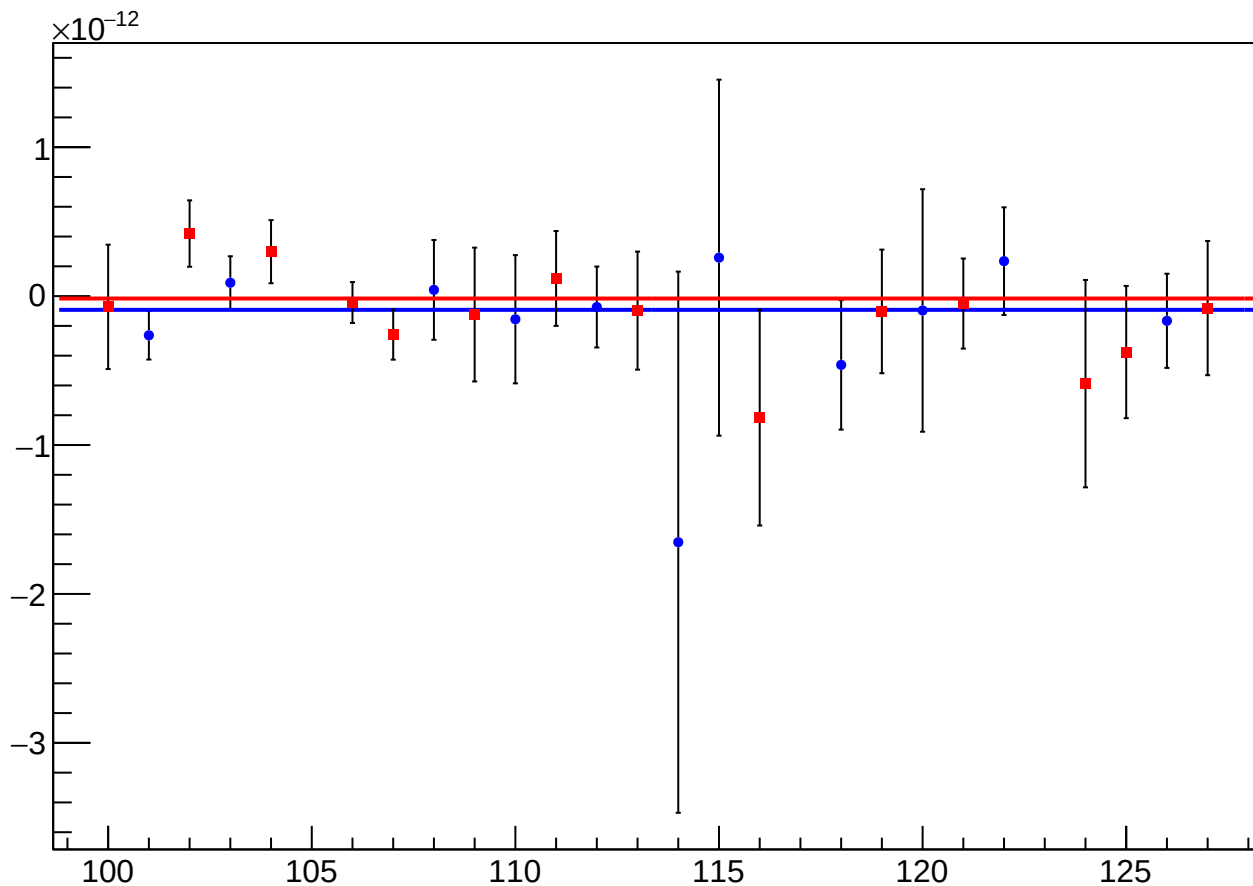
Right Out: 3337.186+/-1.043 χ^2/NDF : 405396.0/13

All: 3451.122+/-0.793 χ^2/NDF : 629117.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 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+/-0.000 χ^2 /NDF: 4.8/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 11.1/13

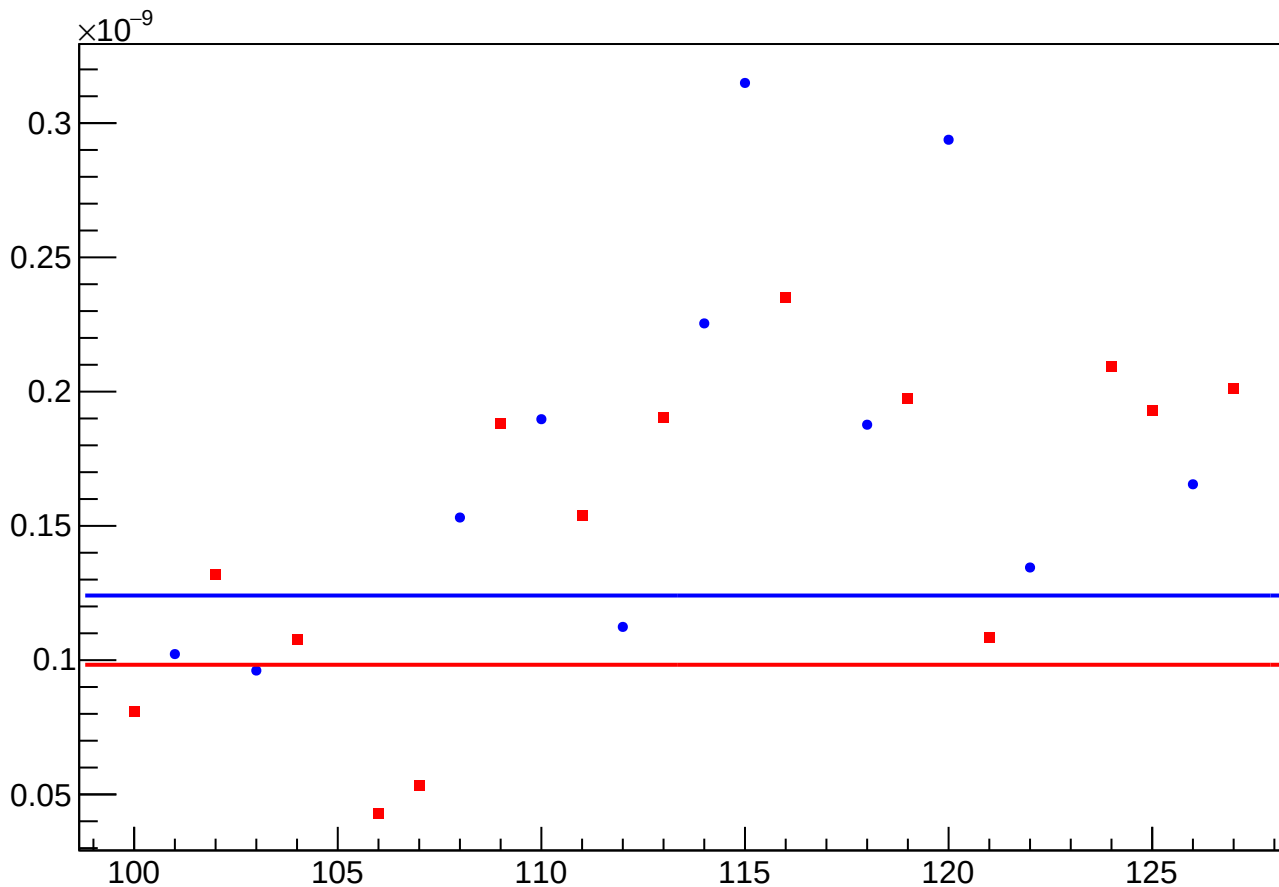
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 16.3/24

- sign 0.000+/-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 : 373504.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1204193.5/13

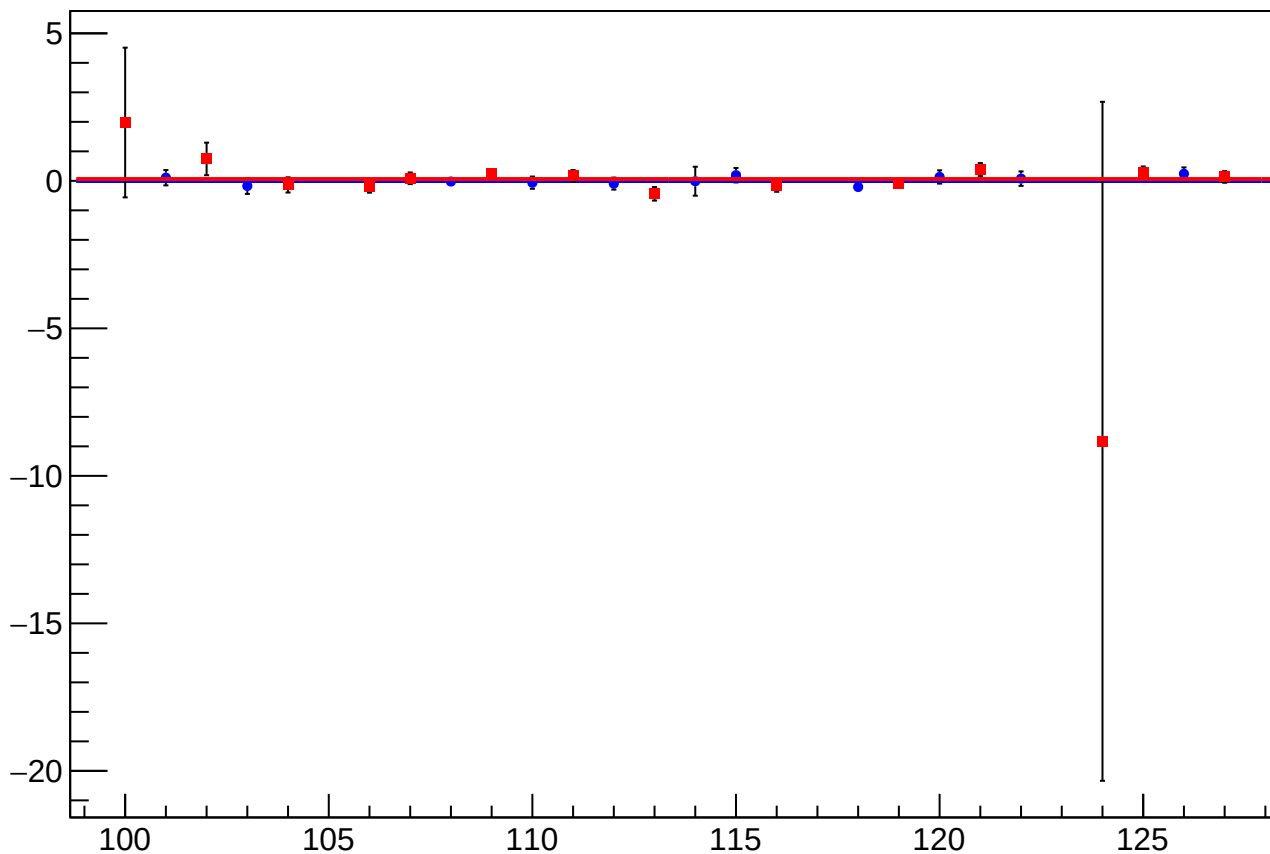
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1676538.4/24

- 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: -0.005 ± 0.066 χ^2/NDF : 4.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.061 ± 0.059 χ^2/NDF : 17.0/13

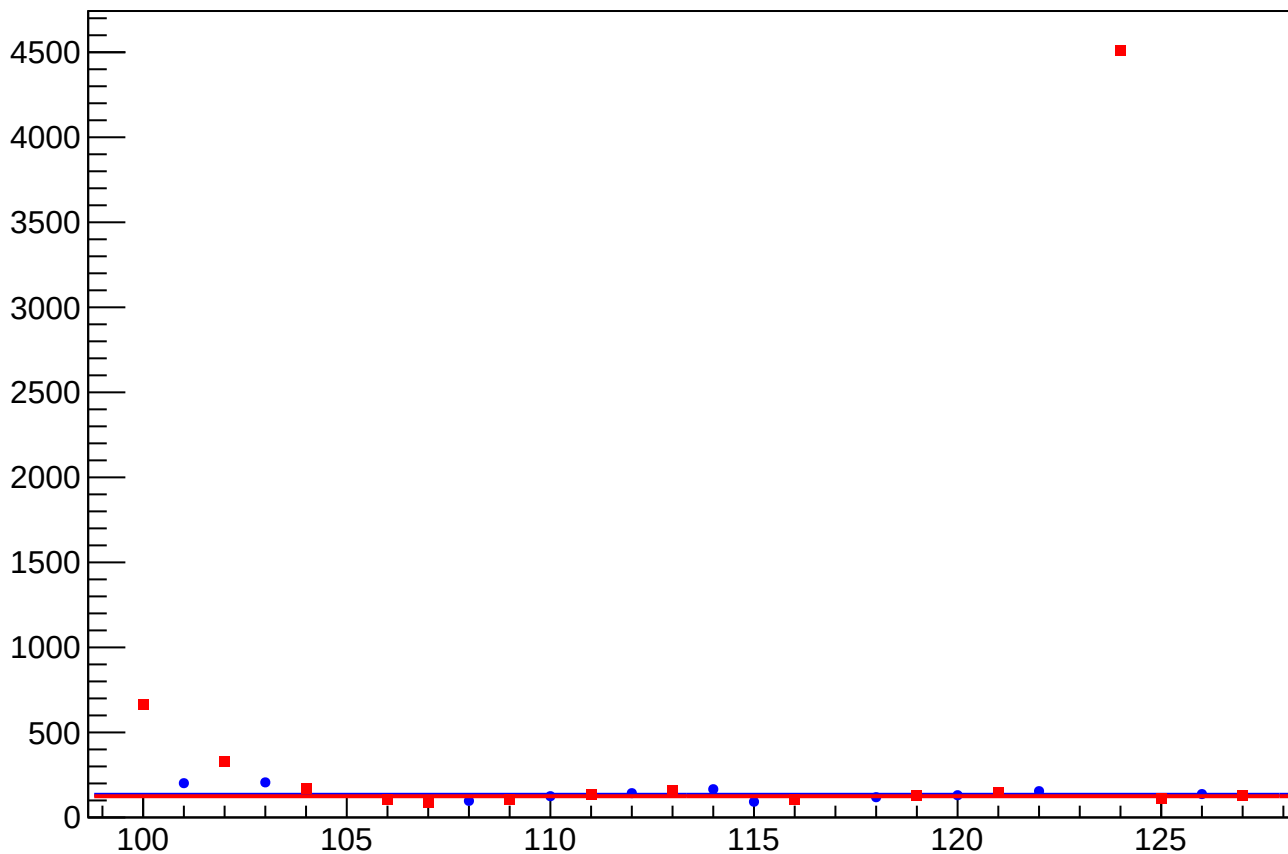
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.032 ± 0.044 χ^2/NDF : 22.3/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_rms vs Slug



Right In: 133.261+/-0.047 χ^2/NDF : 486831.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

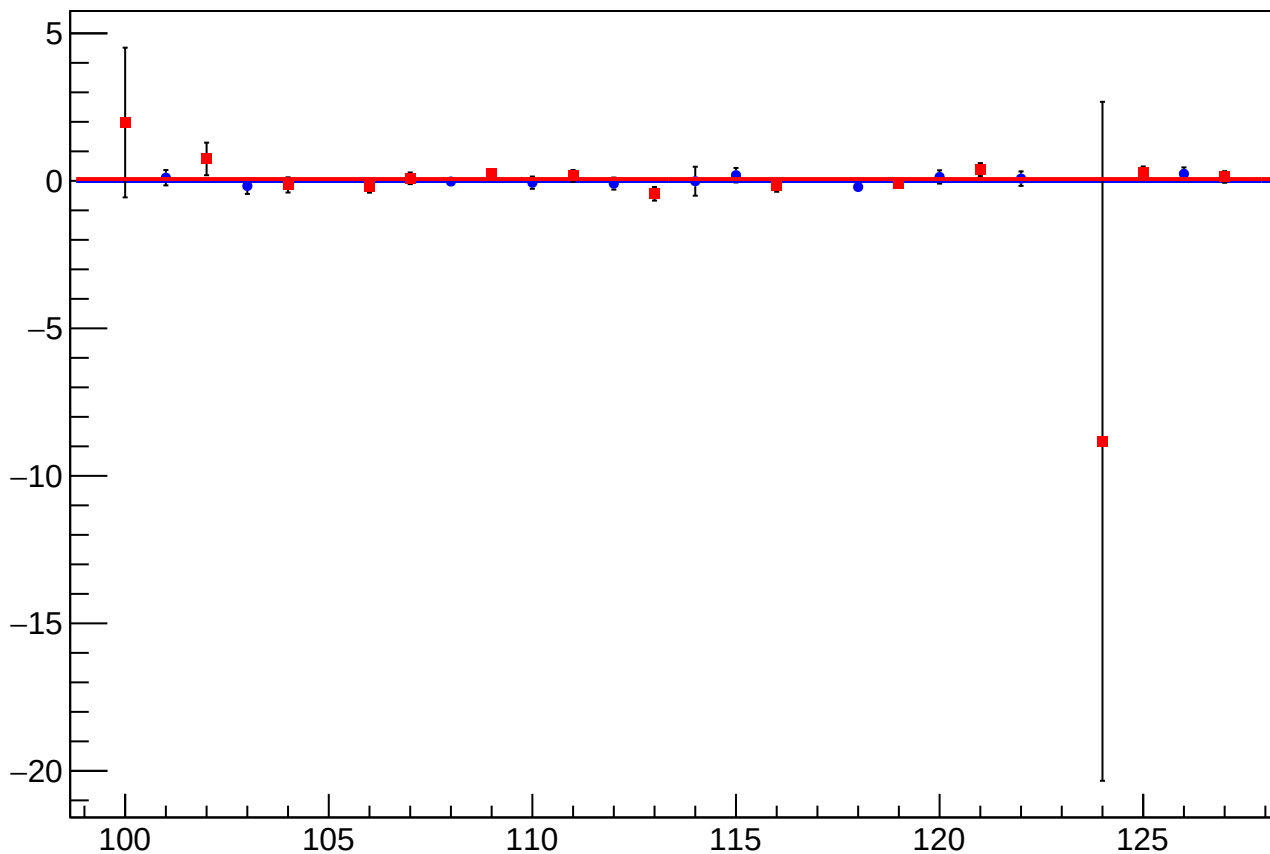
Right Out: 124.806+/-0.042 χ^2/NDF : 908299.6/13

All: 128.572+/-0.031 χ^2/NDF : 1413416.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 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: -0.005 ± 0.066 χ^2/NDF : 4.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.061 ± 0.059 χ^2/NDF : 17.0/13

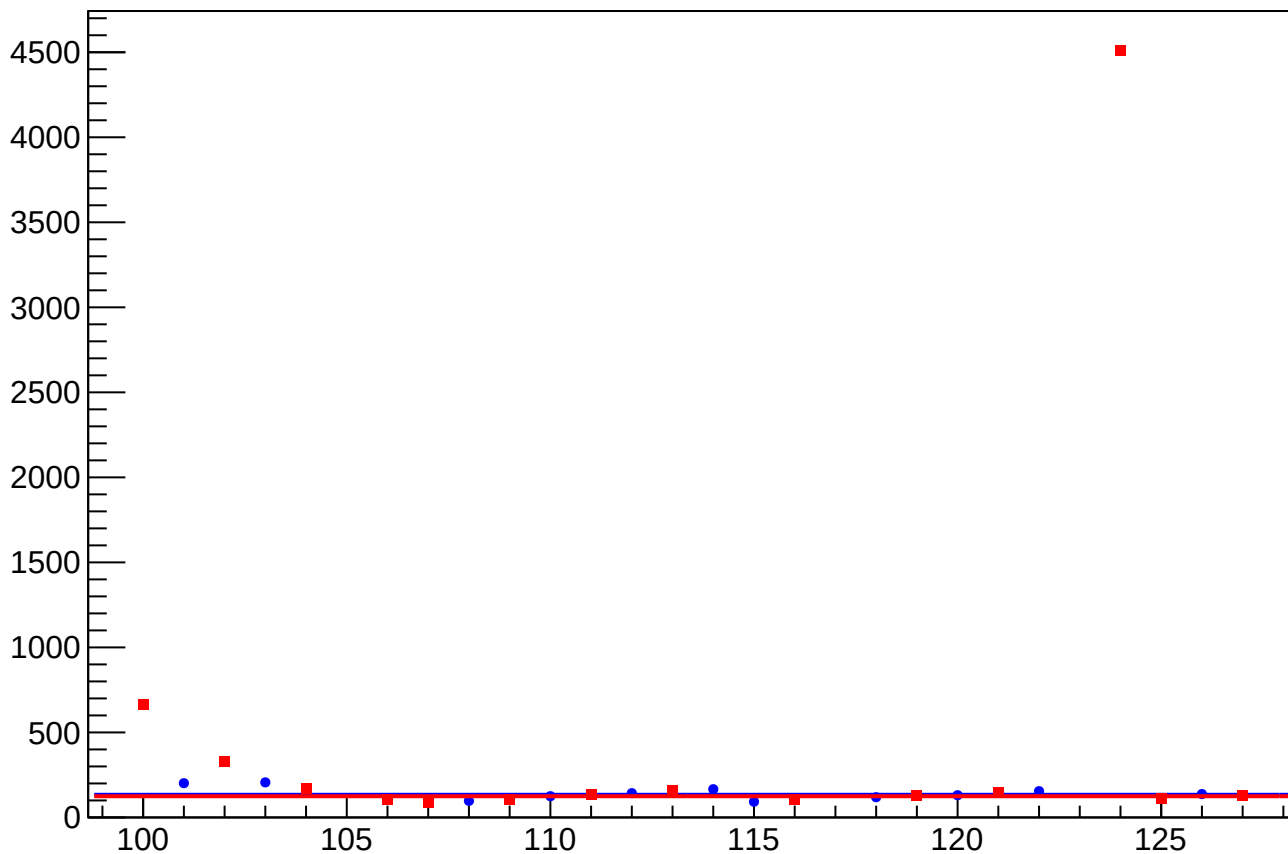
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.032 ± 0.044 χ^2/NDF : 22.3/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 133.261+/-0.047 χ^2/NDF : 486831.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.806+/-0.042 χ^2/NDF : 908299.6/13

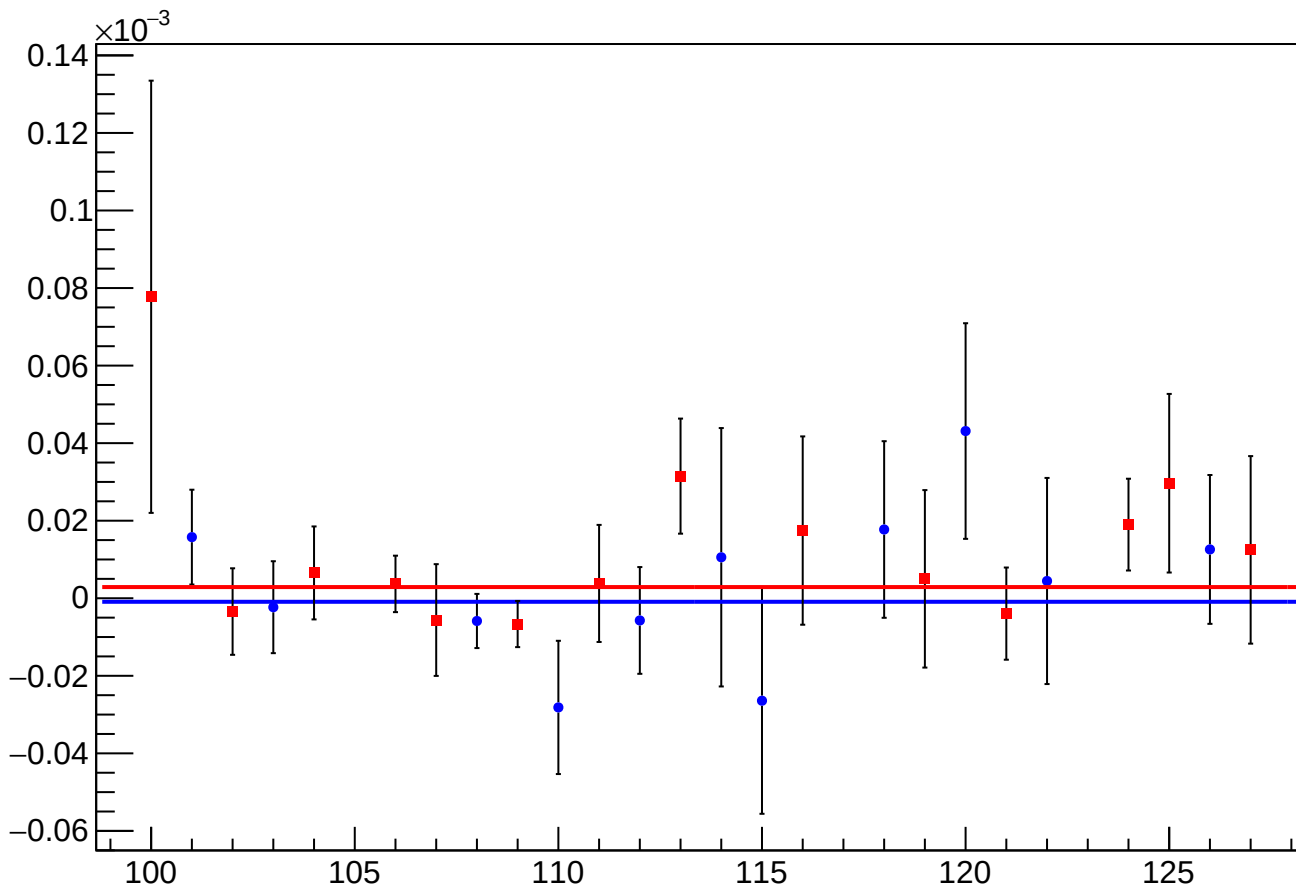
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.572+/-0.031 χ^2/NDF : 1413416.0/24

- 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: 9.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.9/13

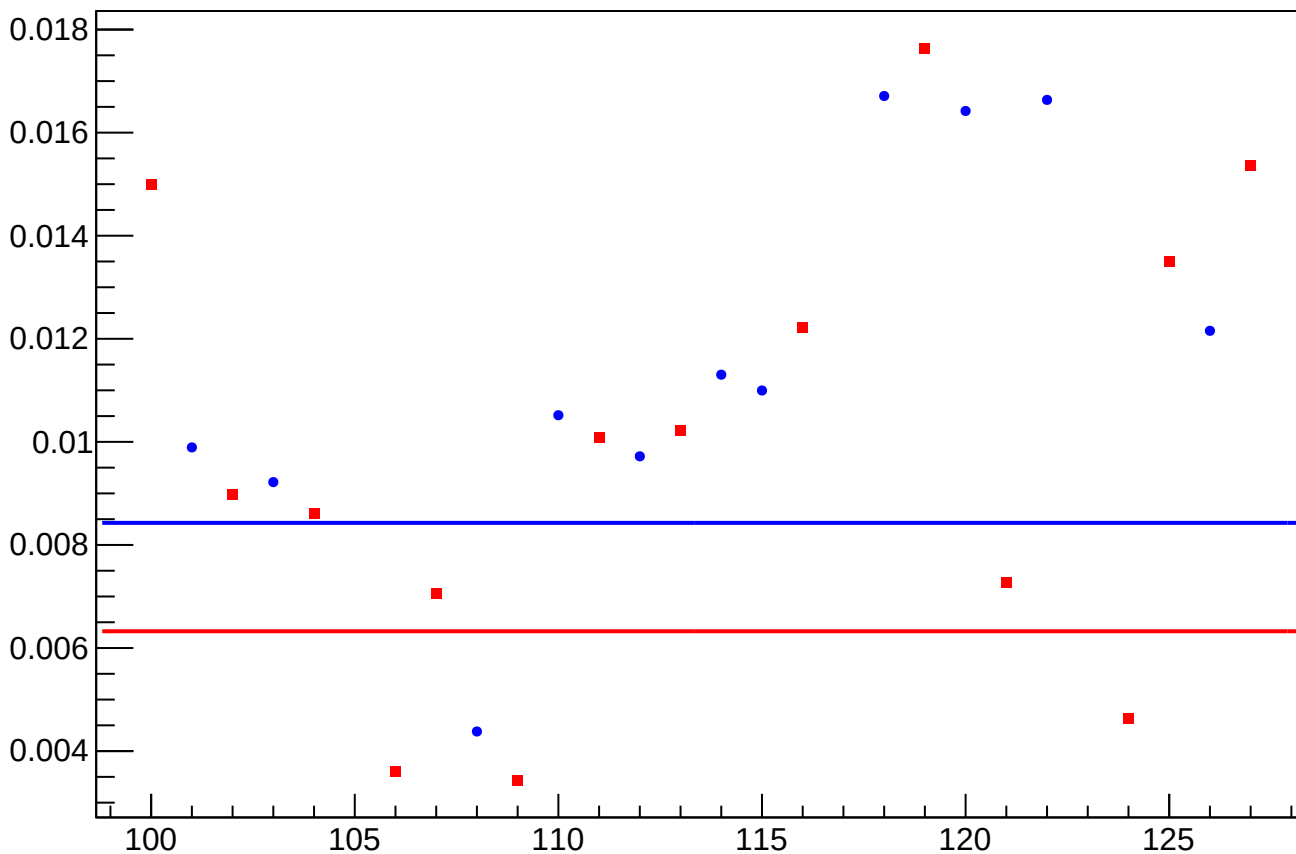
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.0/24

- 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+/-0.000 χ^2/NDF : 1482687.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 2386410.9/13

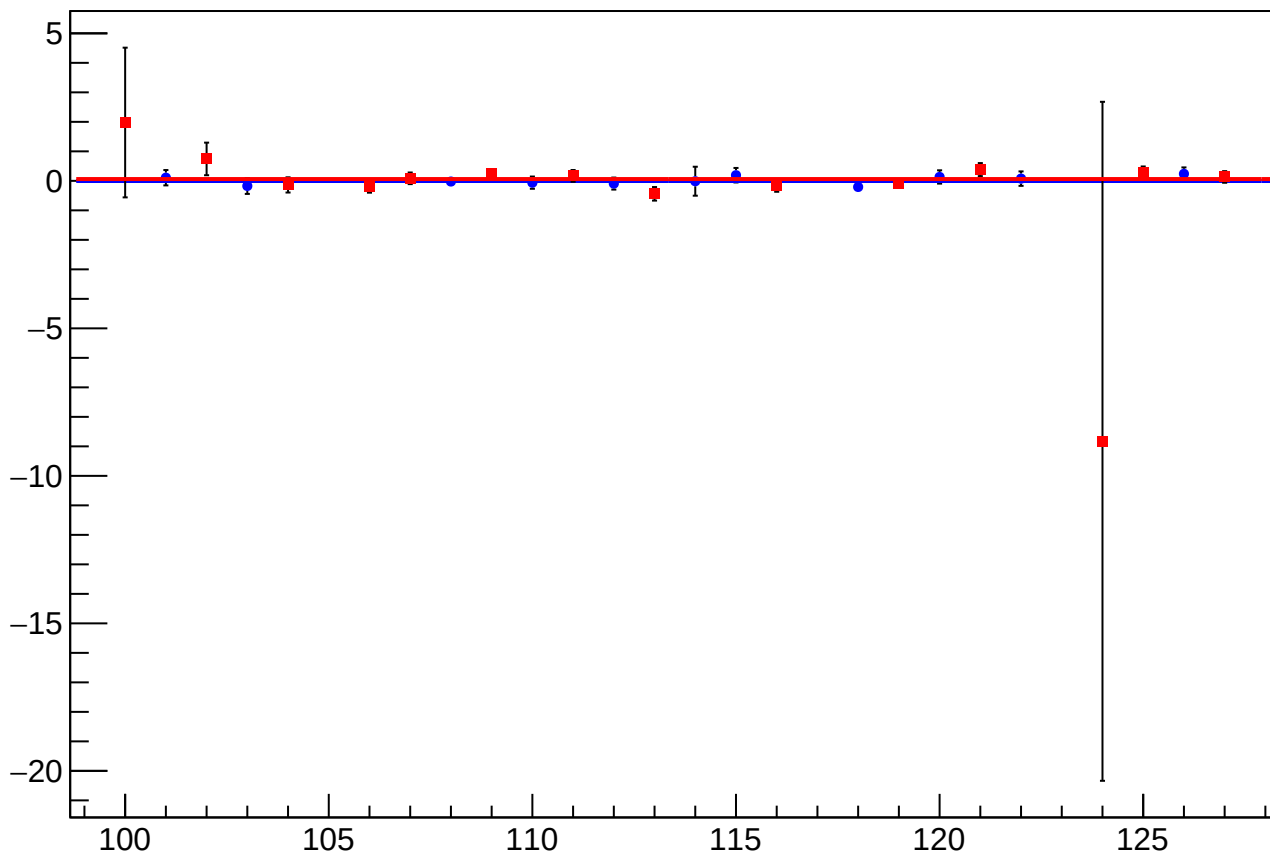
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 4170709.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.005+/-0.066 χ^2/NDF : 4.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.061+/-0.059 χ^2/NDF : 17.0/13

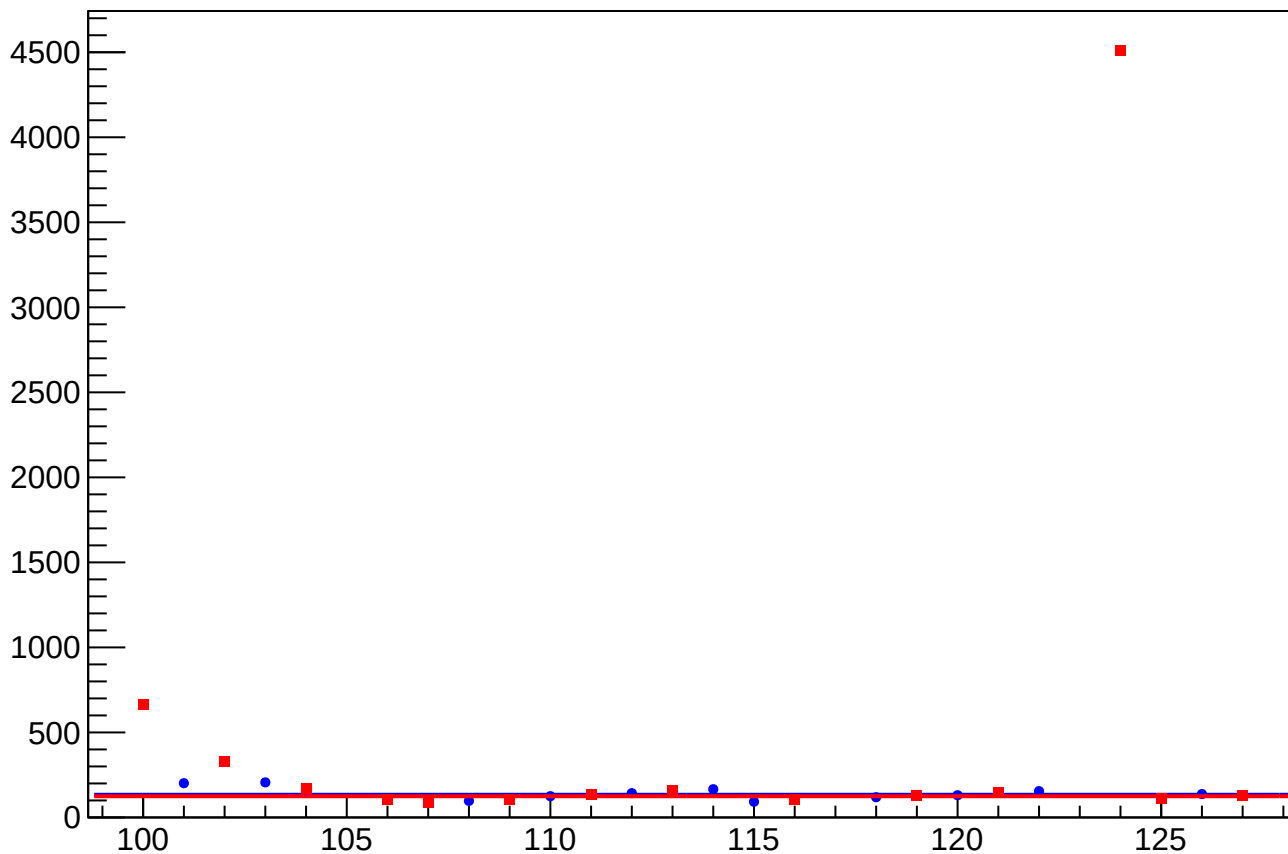
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.032+/-0.044 χ^2/NDF : 22.3/24

- 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: 133.262+/-0.047 χ^2/NDF : 486800.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.808+/-0.042 χ^2/NDF : 908250.5/13

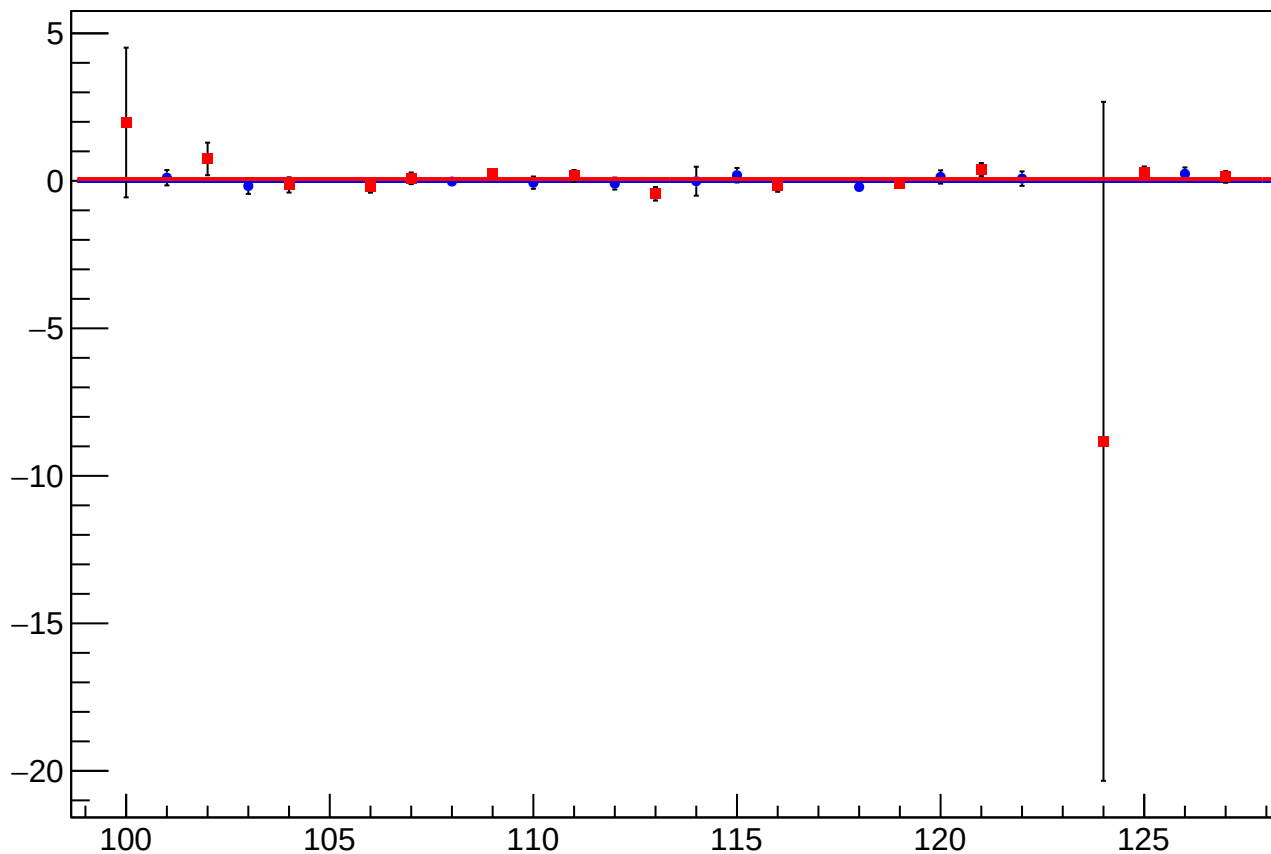
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.574+/-0.031 χ^2/NDF : 1413329.8/24

- 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: -0.005+/-0.066 χ^2/NDF : 4.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.061+/-0.059 χ^2/NDF : 17.0/13

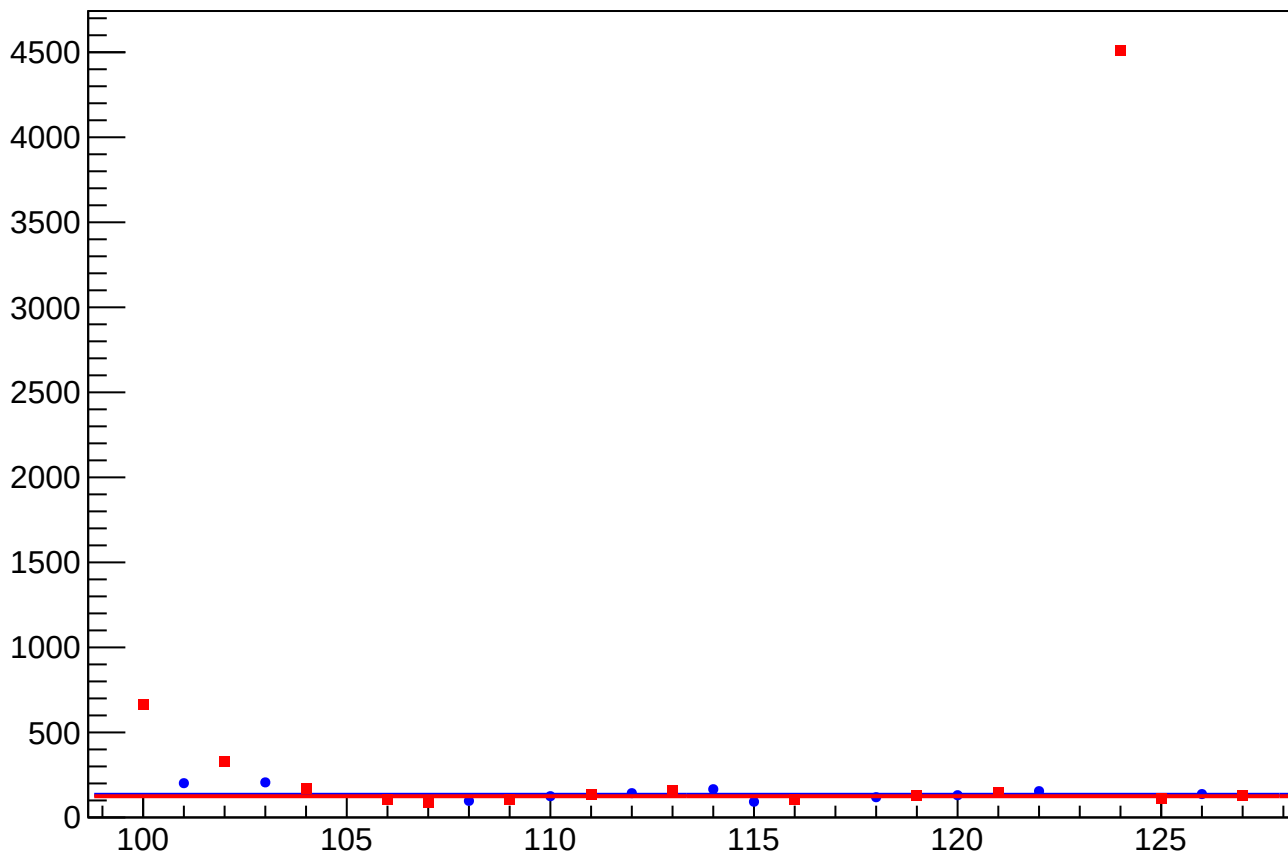
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.032+/-0.044 χ^2/NDF : 22.3/24

- sign 0.000+/-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: 133.262 $\pm$ 0.047 χ^2 /NDF: 486800.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 124.808 $\pm$ 0.042 χ^2 /NDF: 908250.5/13

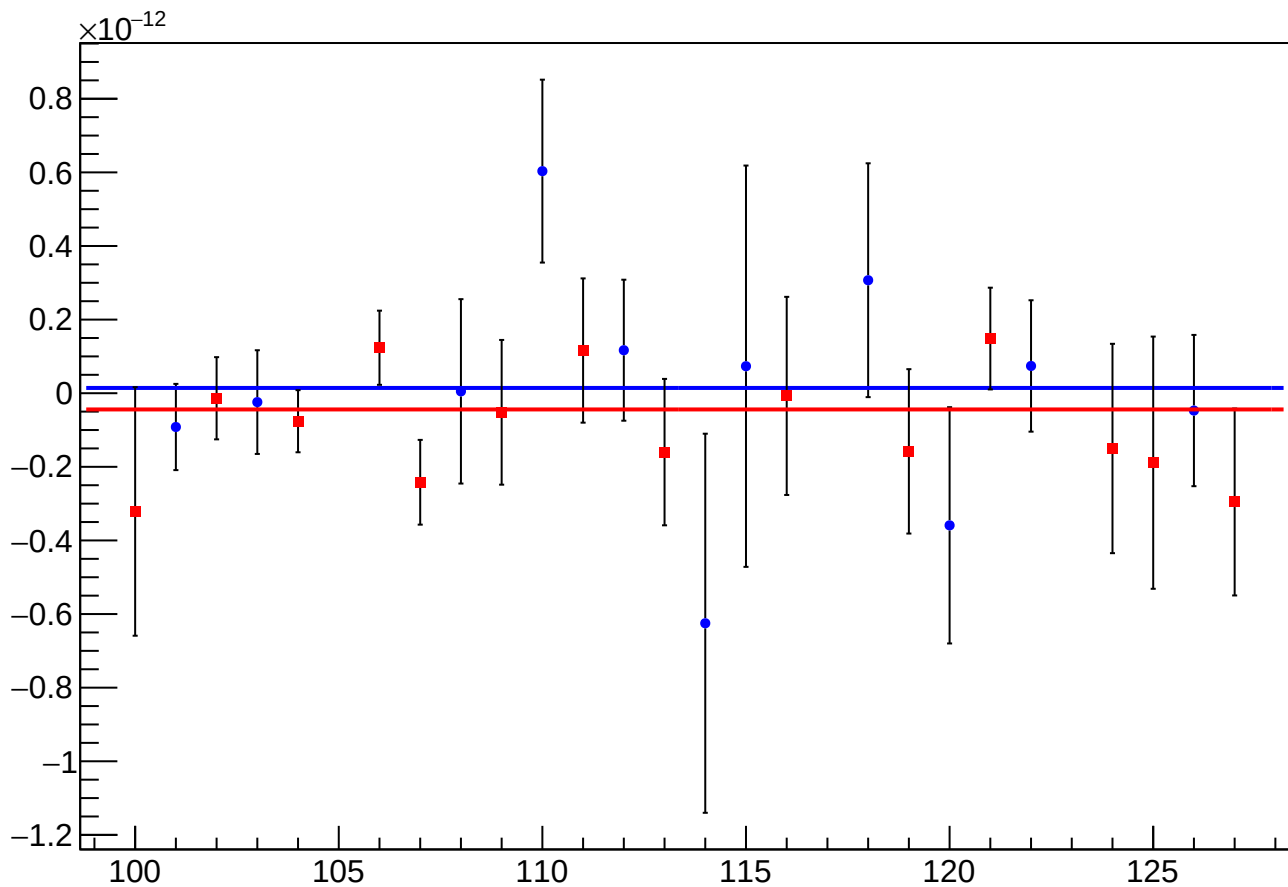
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 128.574 $\pm$ 0.031 χ^2 /NDF: 1413329.8/24

- sign 0.000 $\pm$ 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 : 10.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.1/13

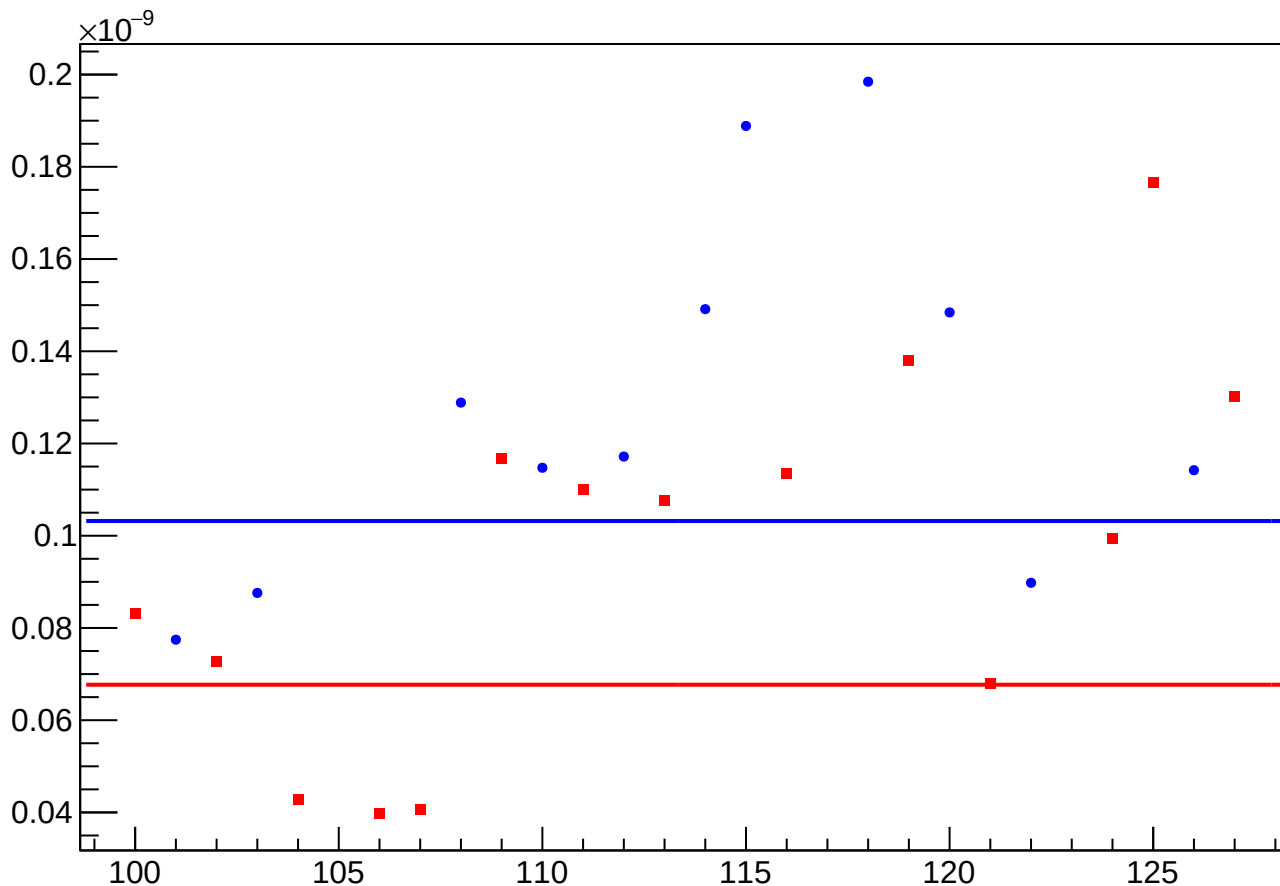
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.5/24

- 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 : 458926.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1348256.0/13

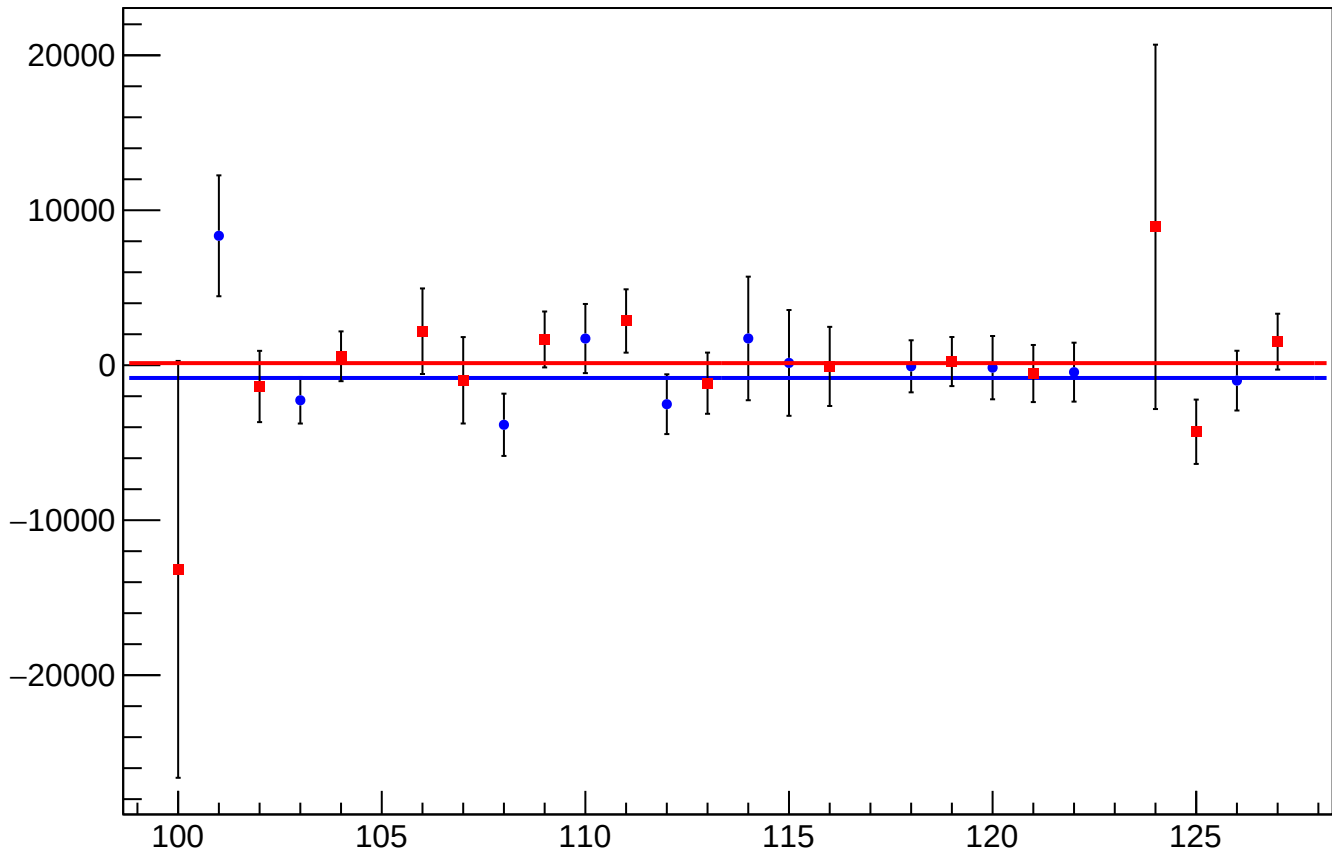
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2270624.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



Right In: -822.181+/-630.549 χ^2/NDF : 11.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.708+/-573.668 χ^2/NDF : 11.0/13

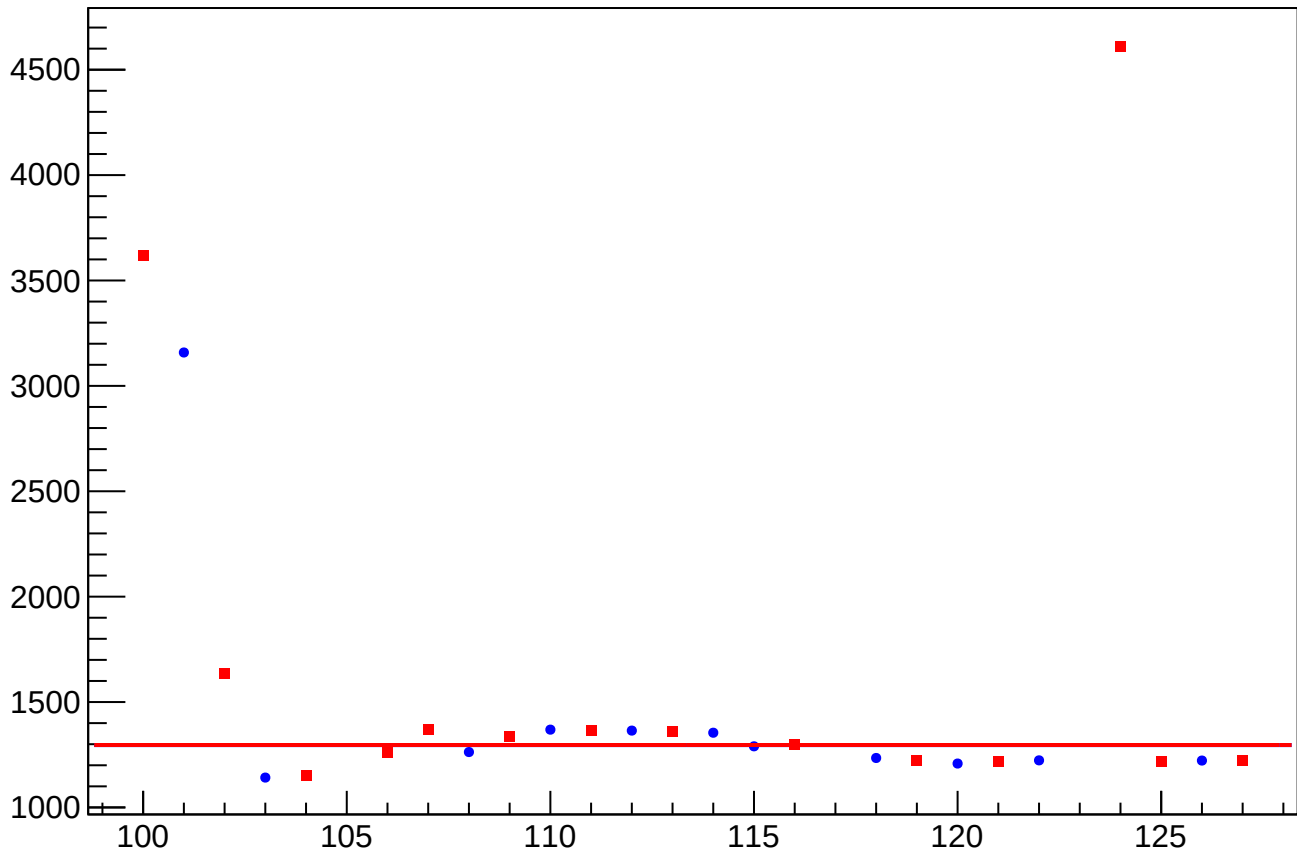
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -298.091+/-424.332 χ^2/NDF : 23.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1295.743+/-0.446 χ^2/NDF : 495036.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1296.192+/-0.404 χ^2/NDF : 299672.5/13

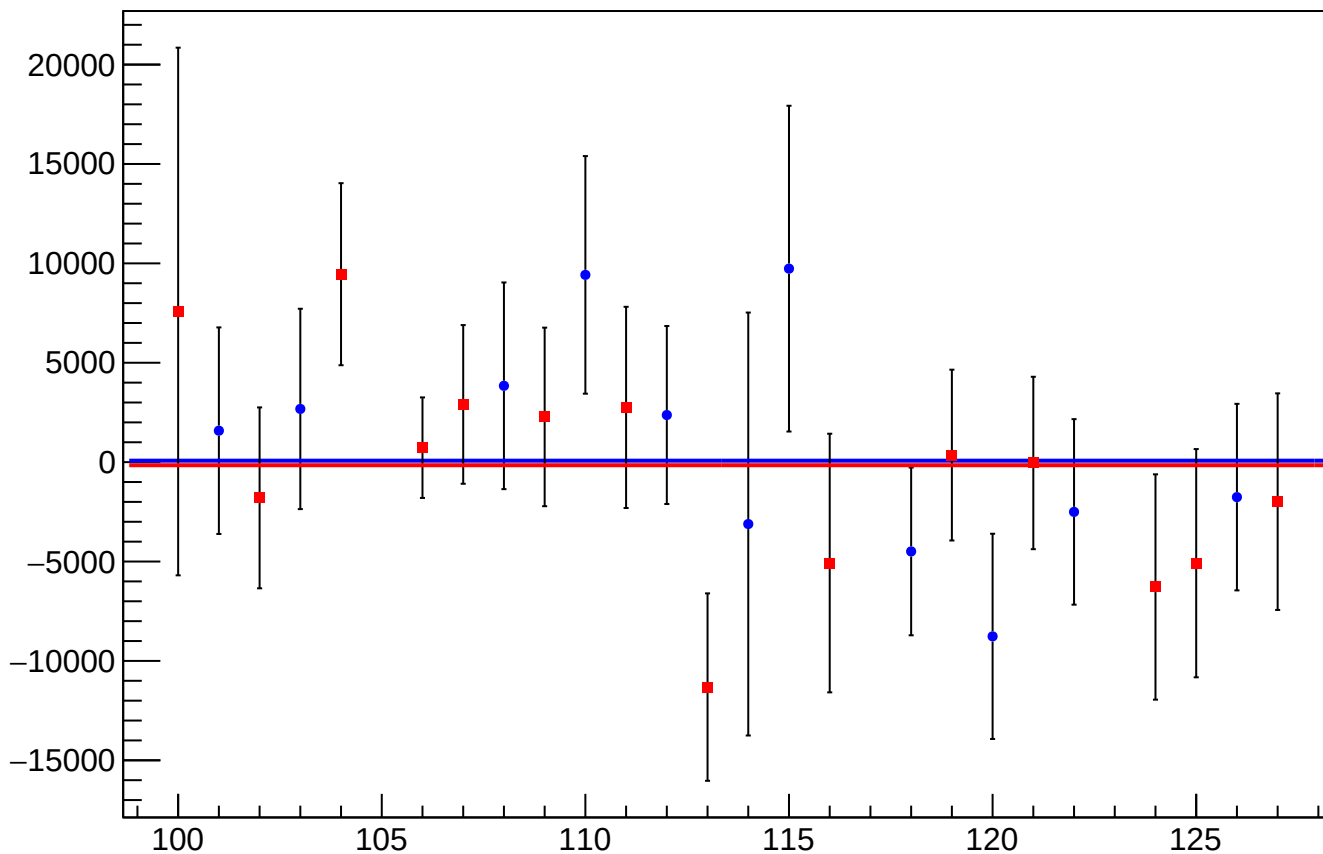
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1295.989+/-0.299 χ^2/NDF : 794709.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_mean vs Slug



Right In: 73.974+/-1581.072 χ^2/NDF : 9.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -154.904+/-1212.196 χ^2/NDF : 14.4/13

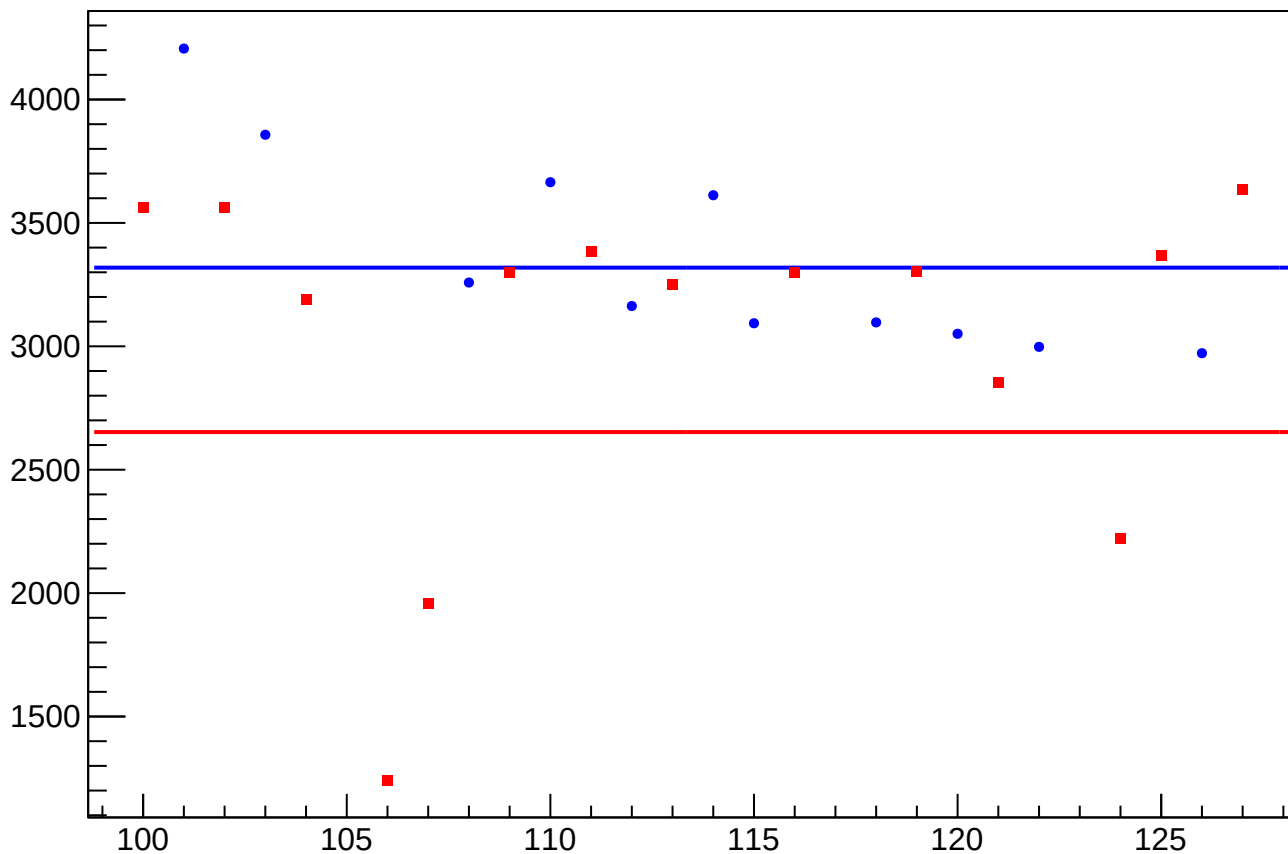
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -70.172+/-961.994 χ^2/NDF : 24.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_rms vs Slug



Right In: 3318.819+/-1.118 χ^2/NDF : 124926.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

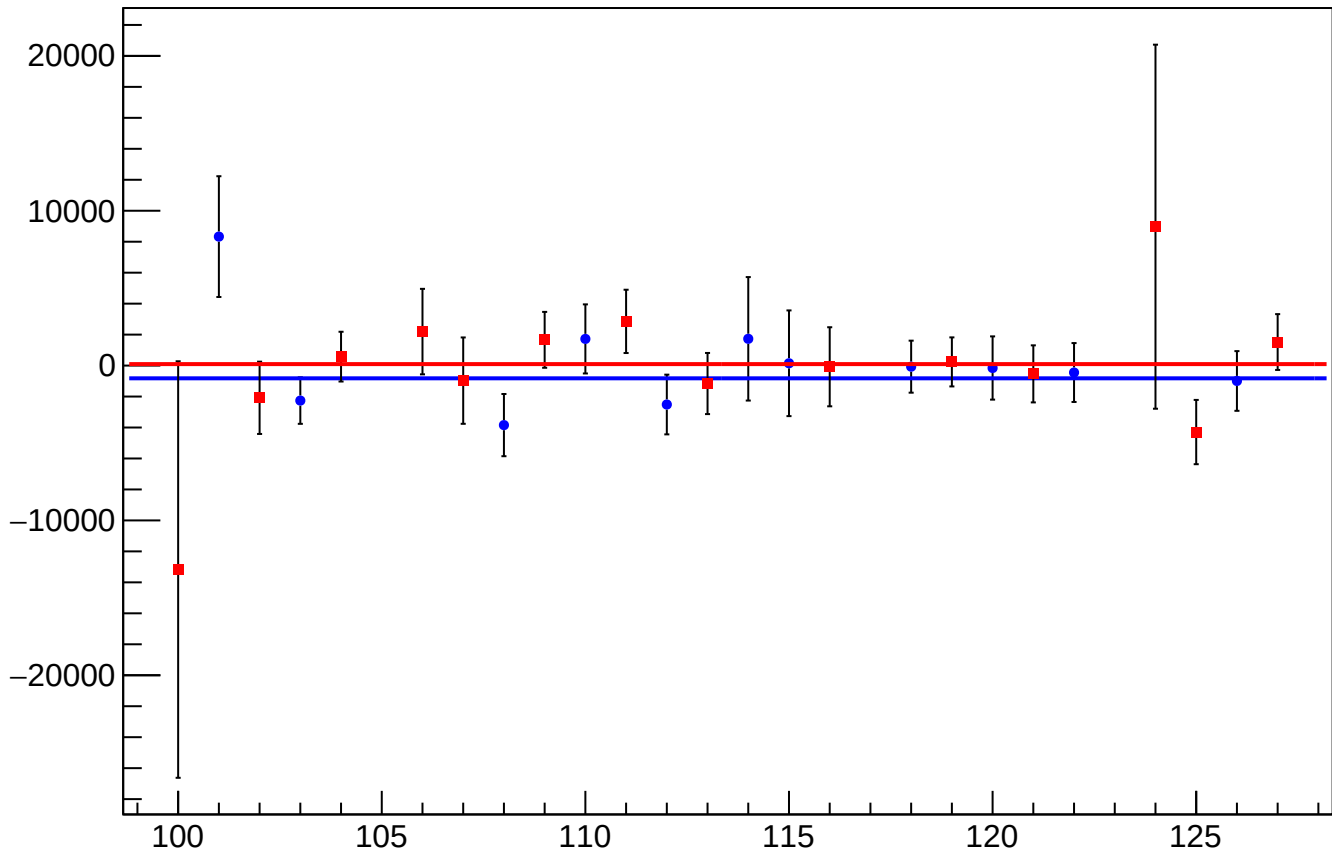
Right Out: 2652.612+/-0.857 χ^2/NDF : 1092406.4/13

All: 2899.245+/-0.680 χ^2/NDF : 1440971.0/24

- 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_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



Right In: -822.808+/-630.550 χ^2/NDF : 11.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.703+/-574.195 χ^2/NDF : 11.4/13

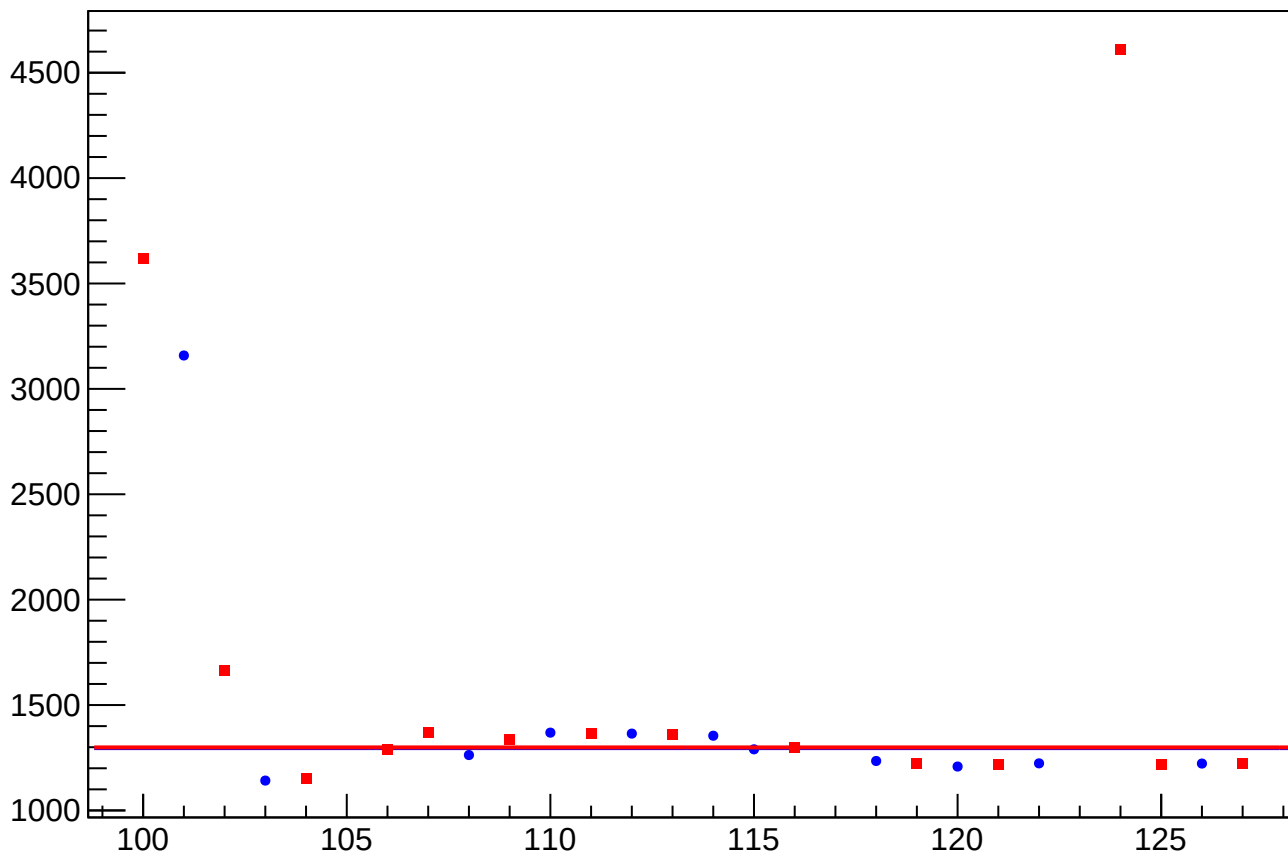
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -320.681+/-424.545 χ^2/NDF : 24.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1295.743+/-0.446 χ^2/NDF : 495037.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.985+/-0.405 χ^2/NDF : 306276.5/13

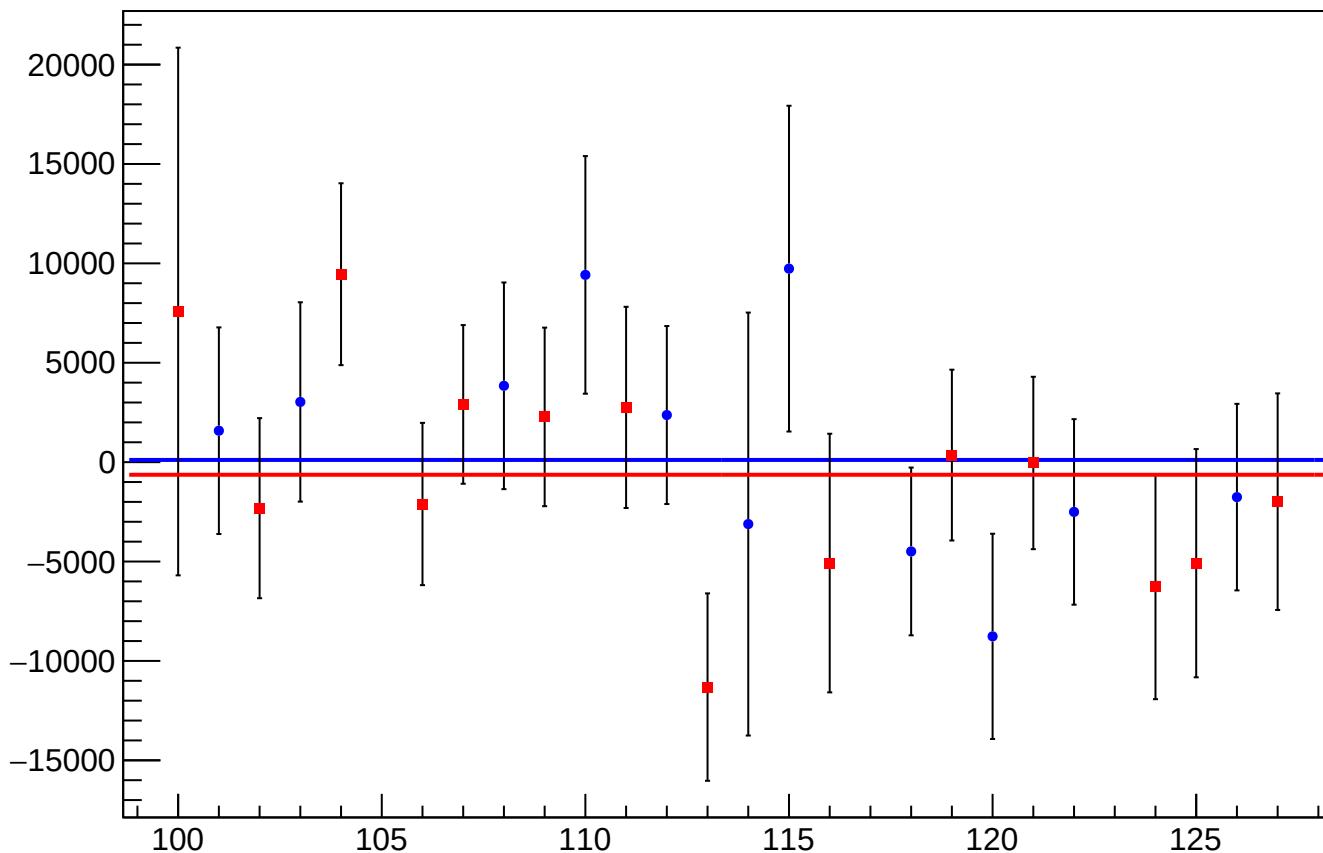
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1297.520+/-0.300 χ^2/NDF : 801343.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_mean vs Slug



Right In: 111.300 $\pm$ 1580.299 χ^2 /NDF: 9.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -634.166 $\pm$ 1307.634 χ^2 /NDF: 14.5/13

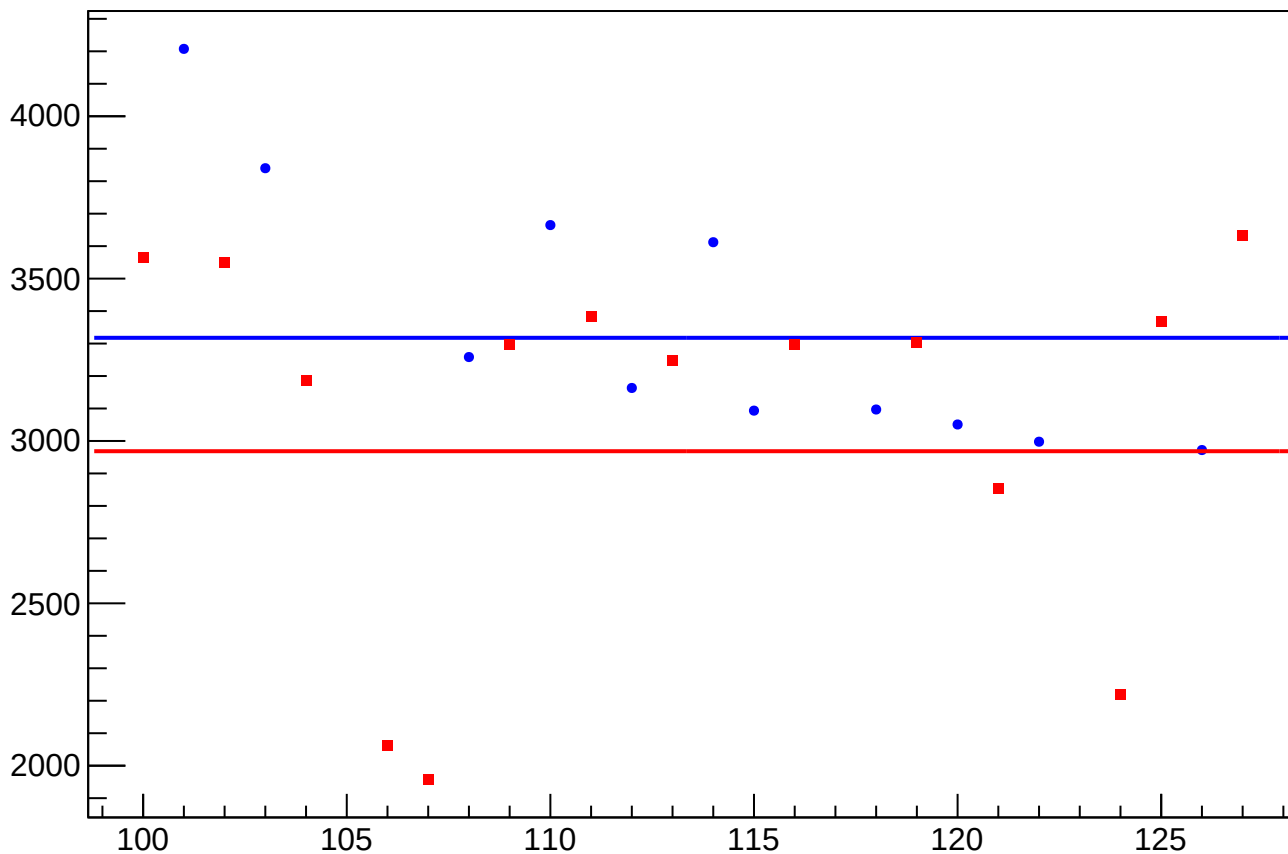
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -331.194 $\pm$ 1007.456 χ^2 /NDF: 24.3/24

- 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: 3317.703+/-1.117 χ^2/NDF : 123819.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

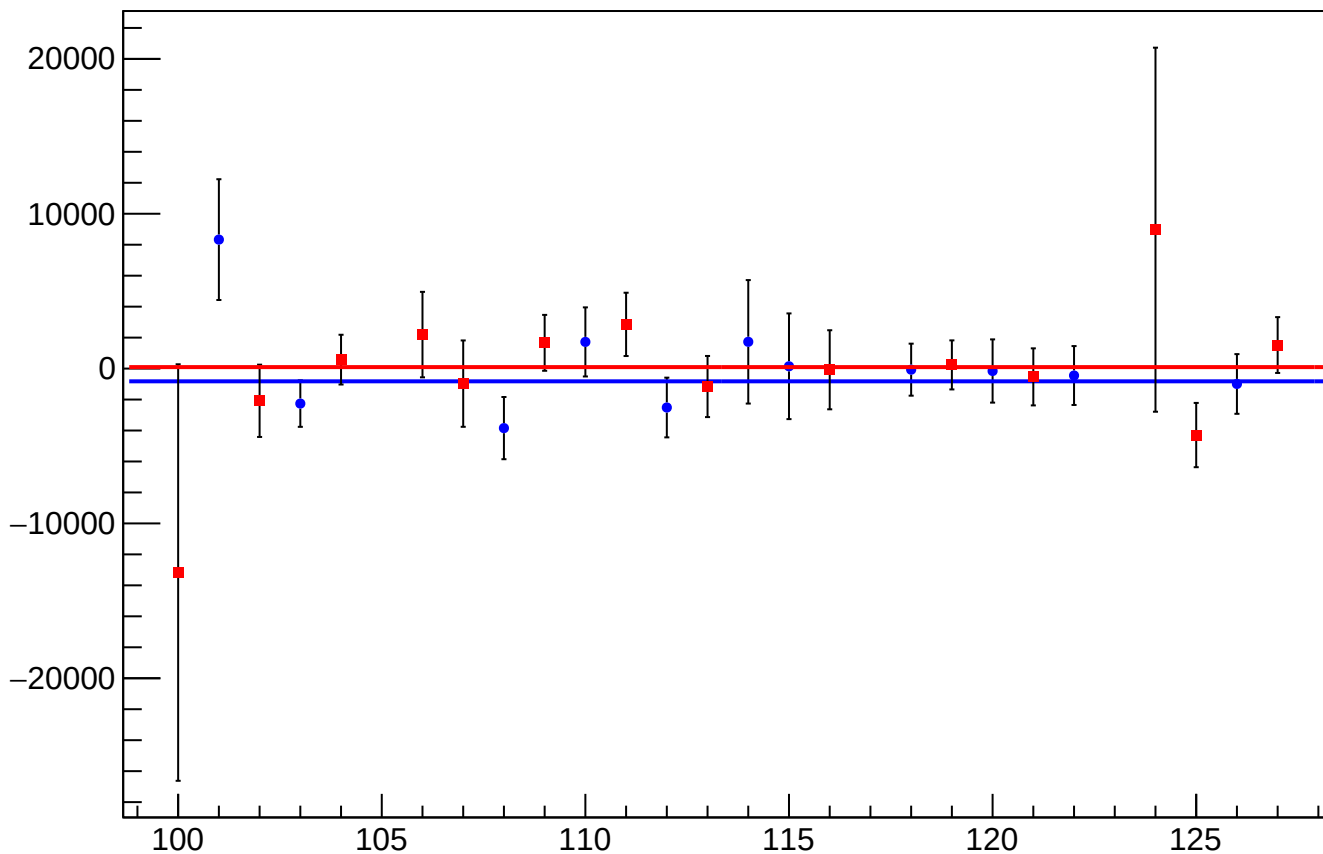
Right Out: 2968.475+/-0.925 χ^2/NDF : 393335.0/13

All: 3110.408+/-0.712 χ^2/NDF : 575131.1/24

- 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_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



Right In: -822.808+/-630.550 χ^2 /NDF: 11.6/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 95.703+/-574.195 χ^2 /NDF: 11.4/13

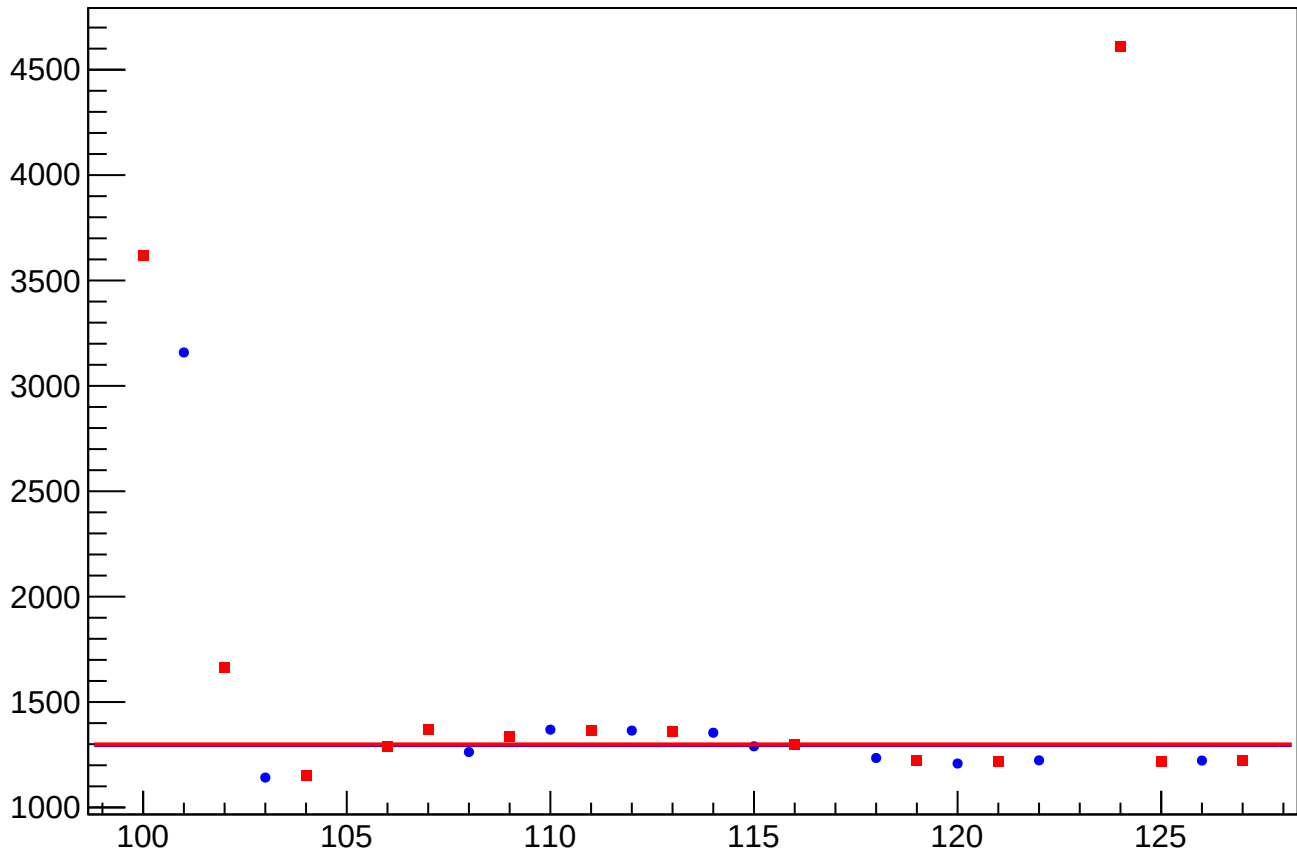
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -320.681+/-424.545 χ^2 /NDF: 24.2/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1295.743+/-0.446 χ^2/NDF : 495037.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

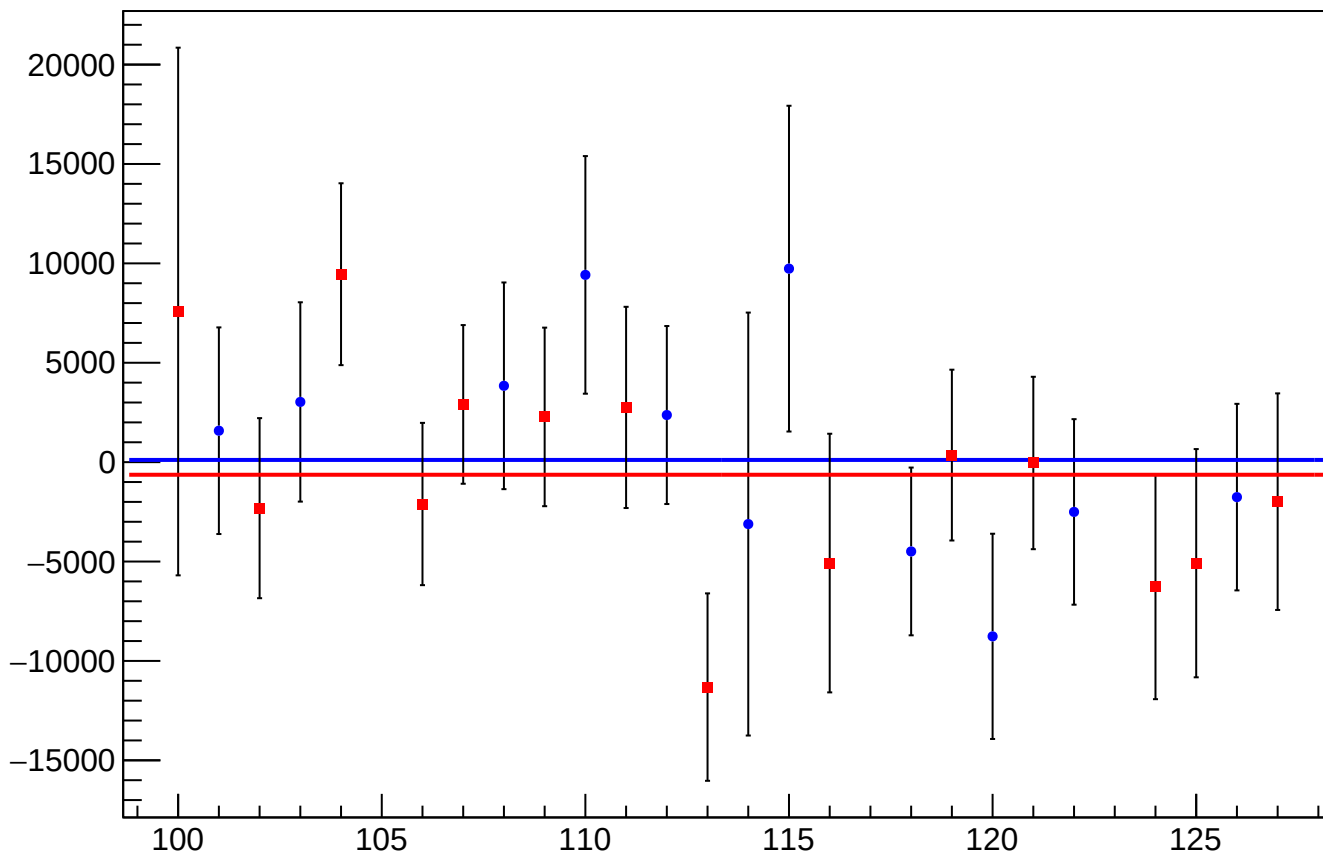
Right Out: 1298.985+/-0.405 χ^2/NDF : 306276.5/13

All: 1297.520+/-0.300 χ^2/NDF : 801343.2/24

- 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_eigen_cor_correction_mean vs Slug



Right In: 111.300+/-1580.299 χ^2/NDF : 9.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -634.166+/-1307.634 χ^2/NDF : 14.5/13

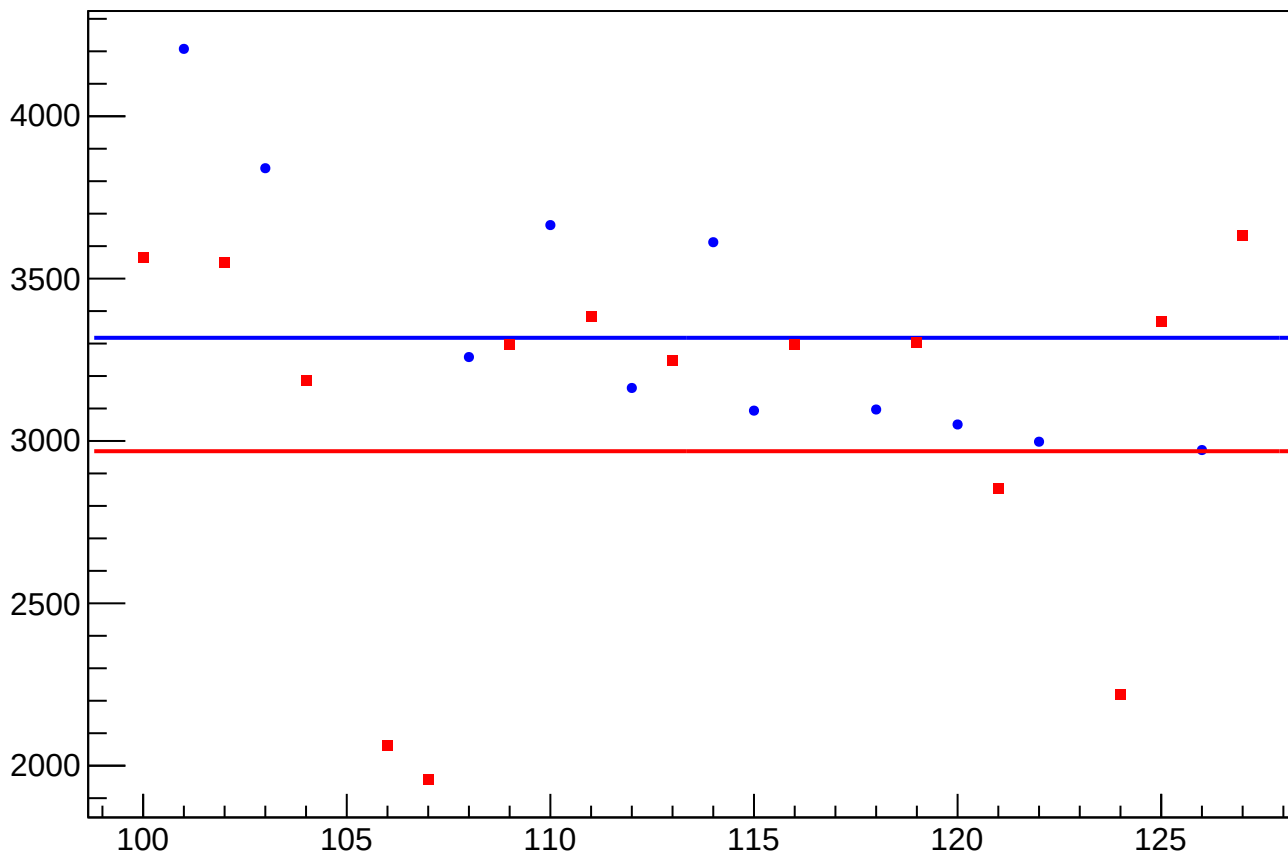
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -331.194+/-1007.456 χ^2/NDF : 24.3/24

- 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: 3317.703+/-1.117 χ^2/NDF : 123819.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2968.475+/-0.925 χ^2/NDF : 393335.0/13

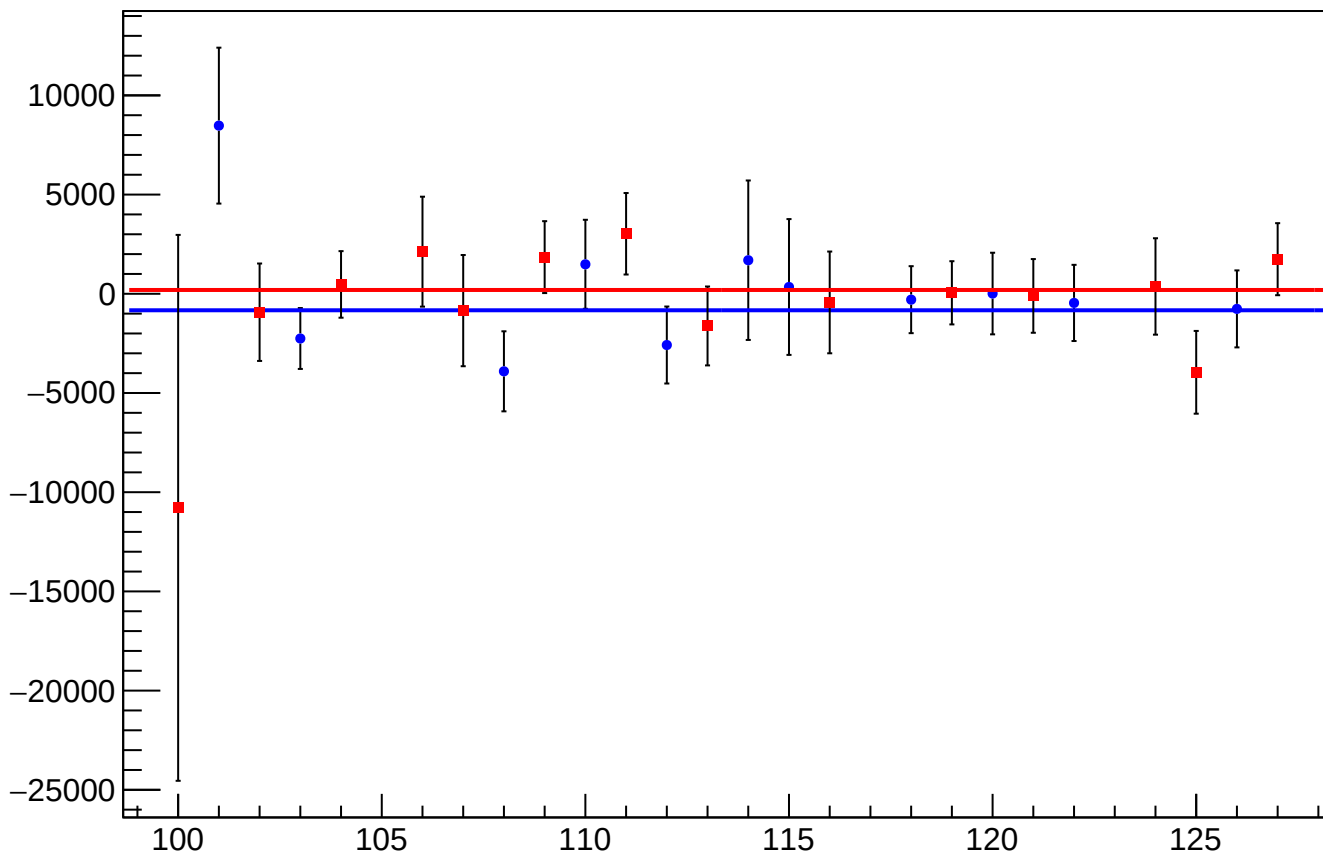
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3110.408+/-0.712 χ^2/NDF : 575131.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



Right In: -830.849+/-636.086 χ^2/NDF : 11.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 192.145+/-566.342 χ^2/NDF : 9.9/13

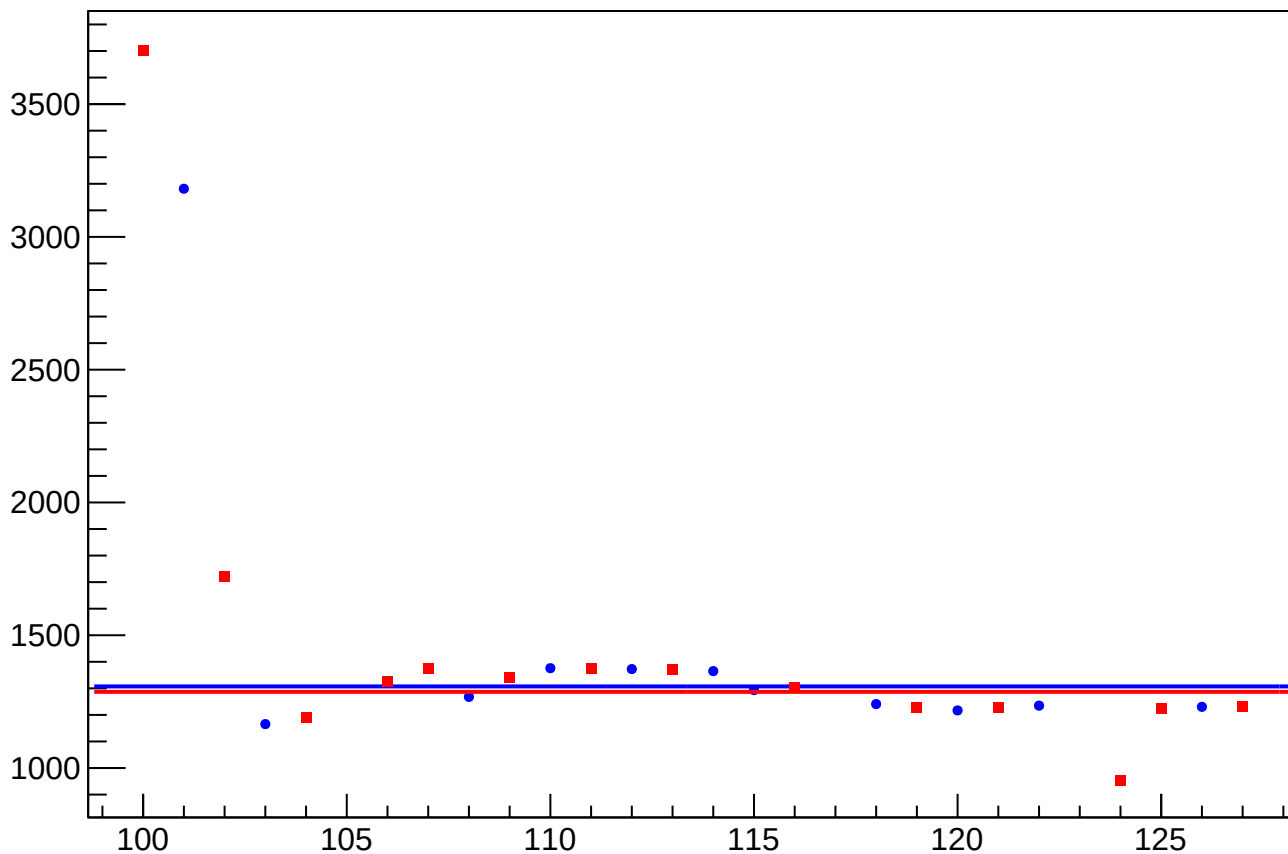
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -260.215+/-422.982 χ^2/NDF : 22.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1307.322 $\pm$ 0.450 χ^2 /NDF: 490345.7/10

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

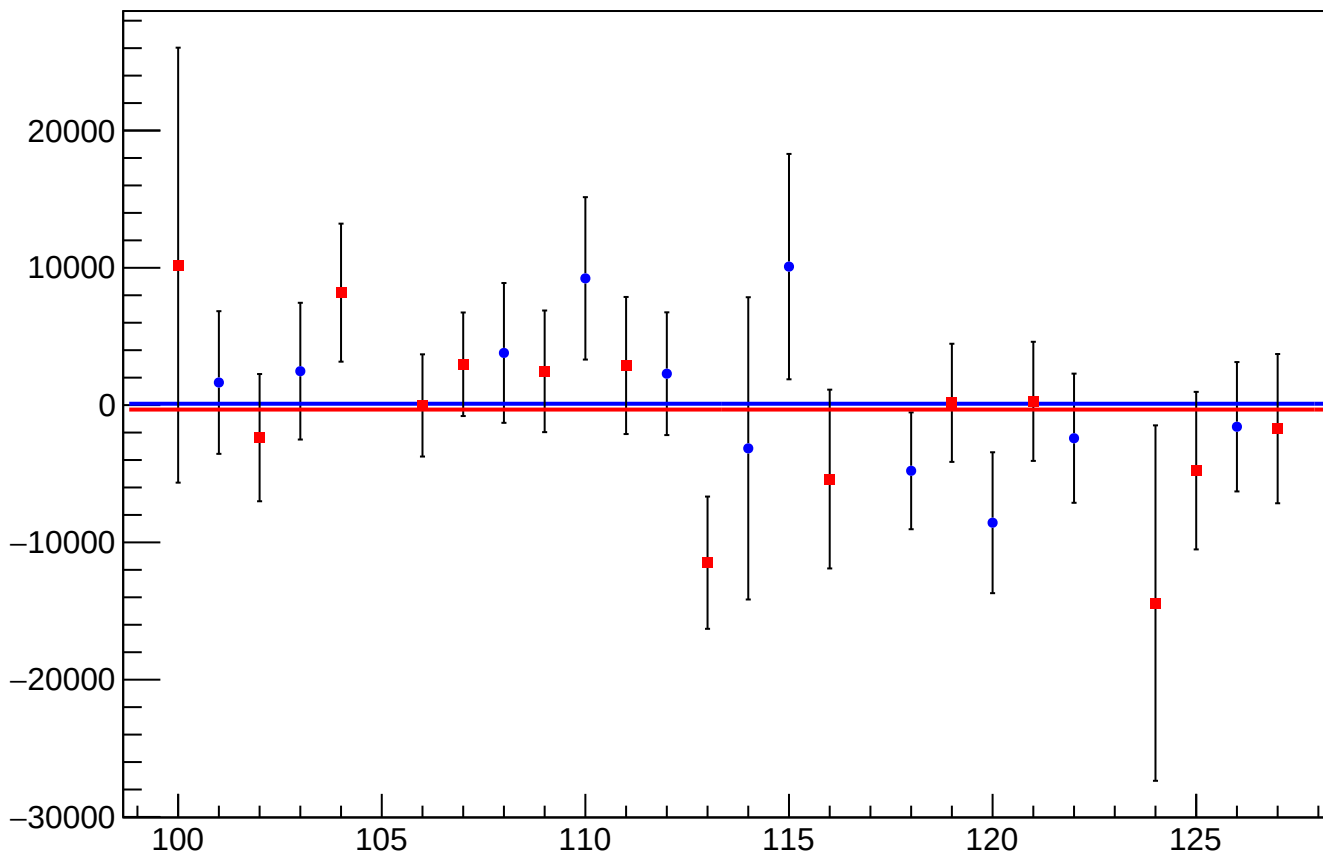
Right Out: 1286.883 $\pm$ 0.400 χ^2 /NDF: 188442.4/13

All: 1295.911 $\pm$ 0.299 χ^2 /NDF: 679941.0/24

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- 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: 98.867 $\pm$ 1579.070 χ^2 /NDF: 9.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -325.100 $\pm$ 1327.200 χ^2 /NDF: 12.9/13

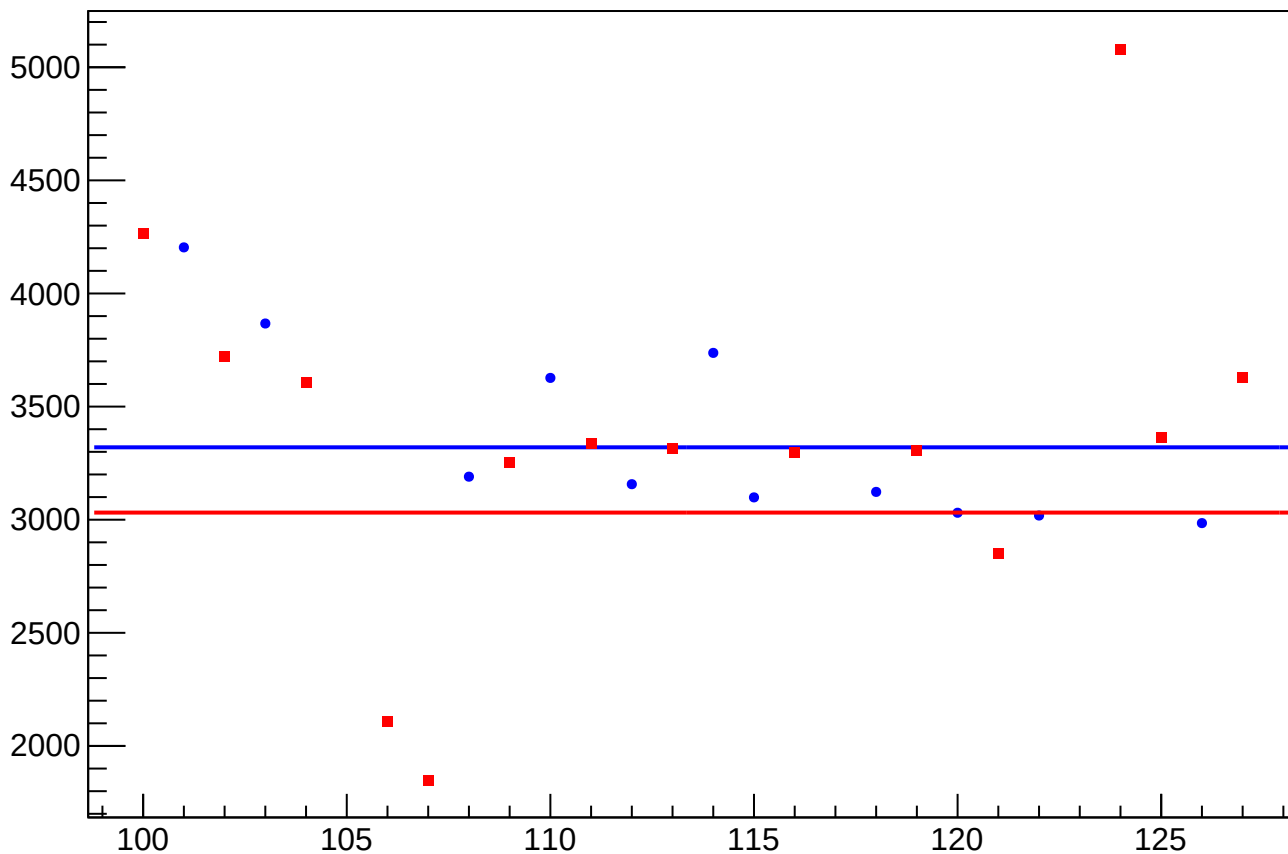
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -149.585 $\pm$ 1015.996 χ^2 /NDF: 22.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_rms vs Slug



Right In: 3319.998+/-1.117 χ^2/NDF : 124640.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

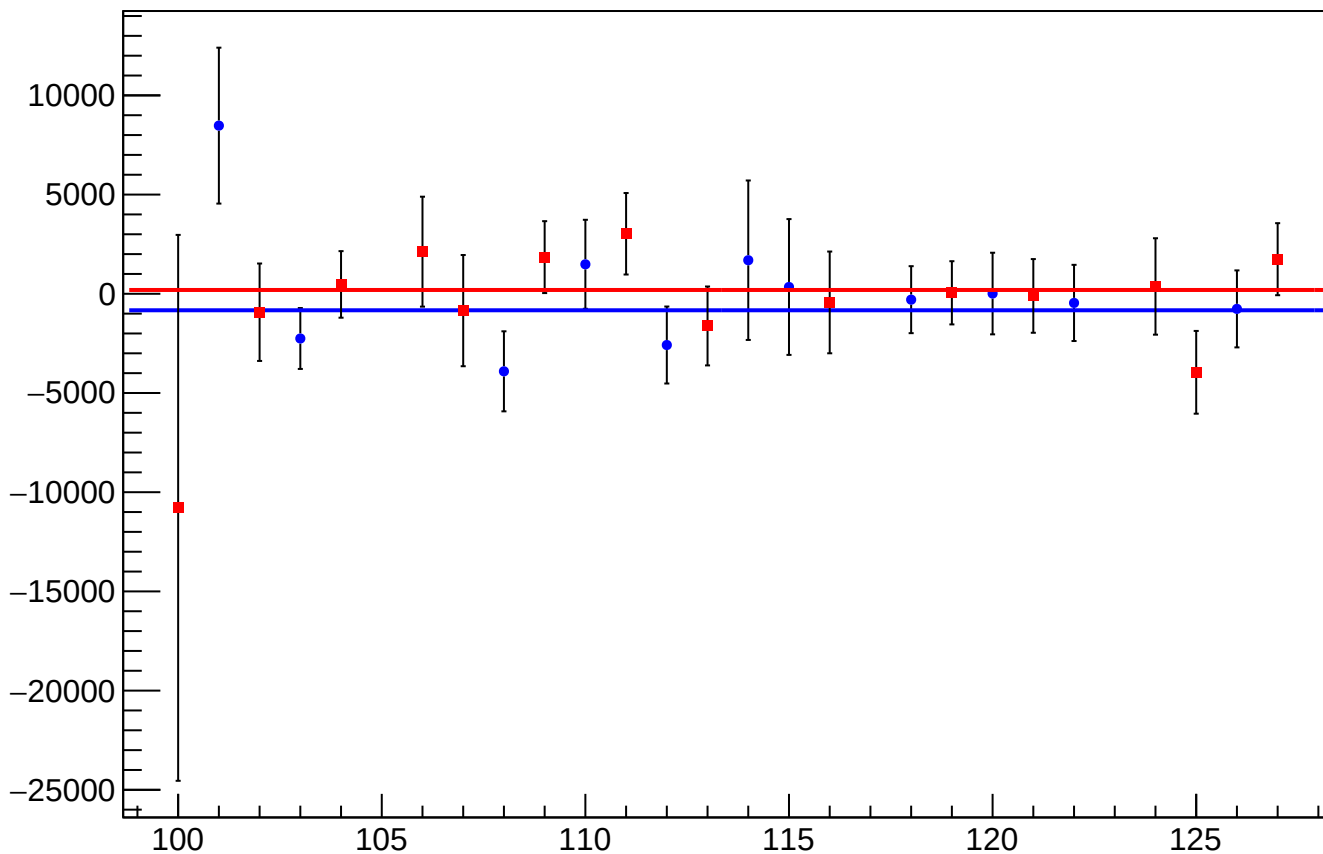
Right Out: 3031.500+/-0.938 χ^2/NDF : 517789.1/13

All: 3150.933+/-0.718 χ^2/NDF : 681551.9/24

- 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_dd_atl2r1_dd_dd_mean vs Slug



Right In: -830.846+/-636.086 χ^2/NDF : 11.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 192.152+/-566.342 χ^2/NDF : 9.9/13

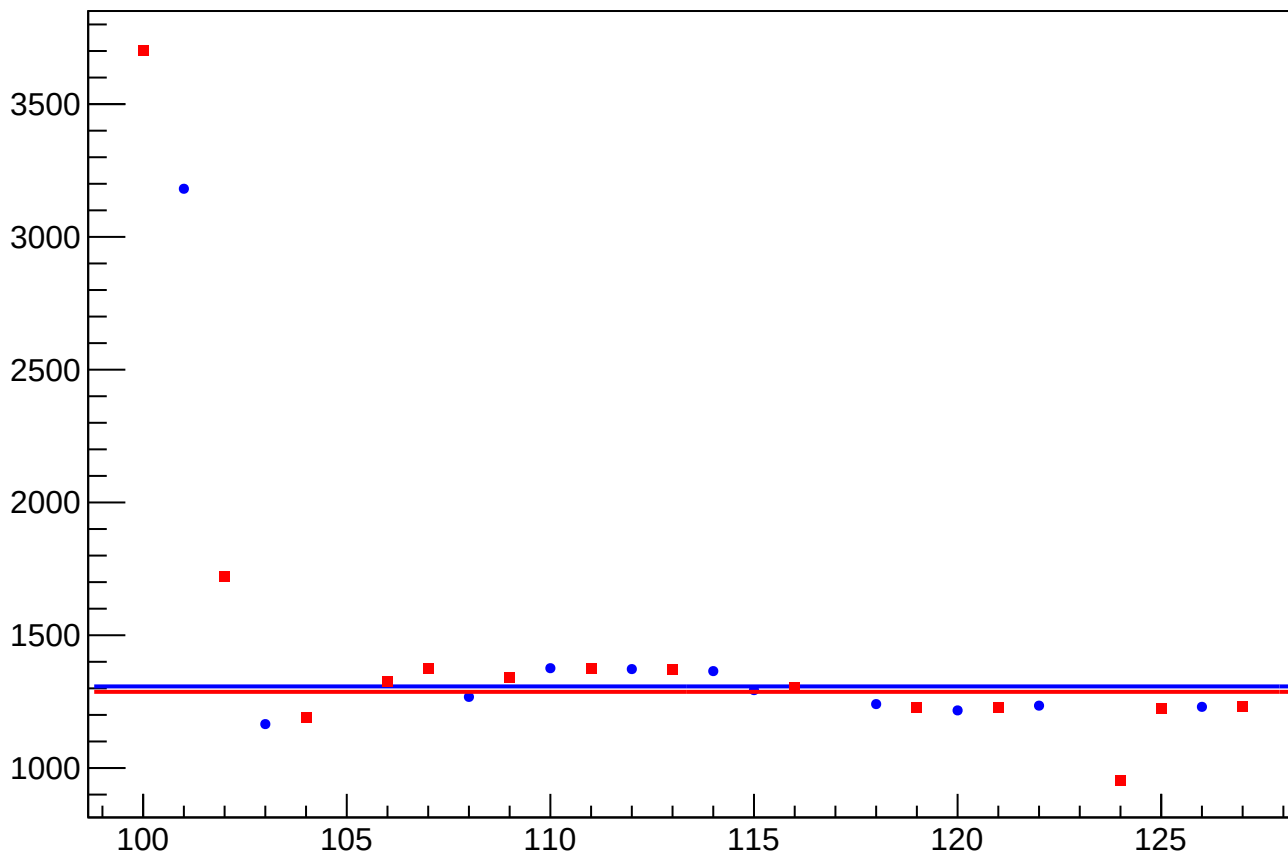
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -260.209+/-422.982 χ^2/NDF : 22.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1307.322+/-0.450 χ^2/NDF : 490345.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1286.883+/-0.400 χ^2/NDF : 188442.4/13

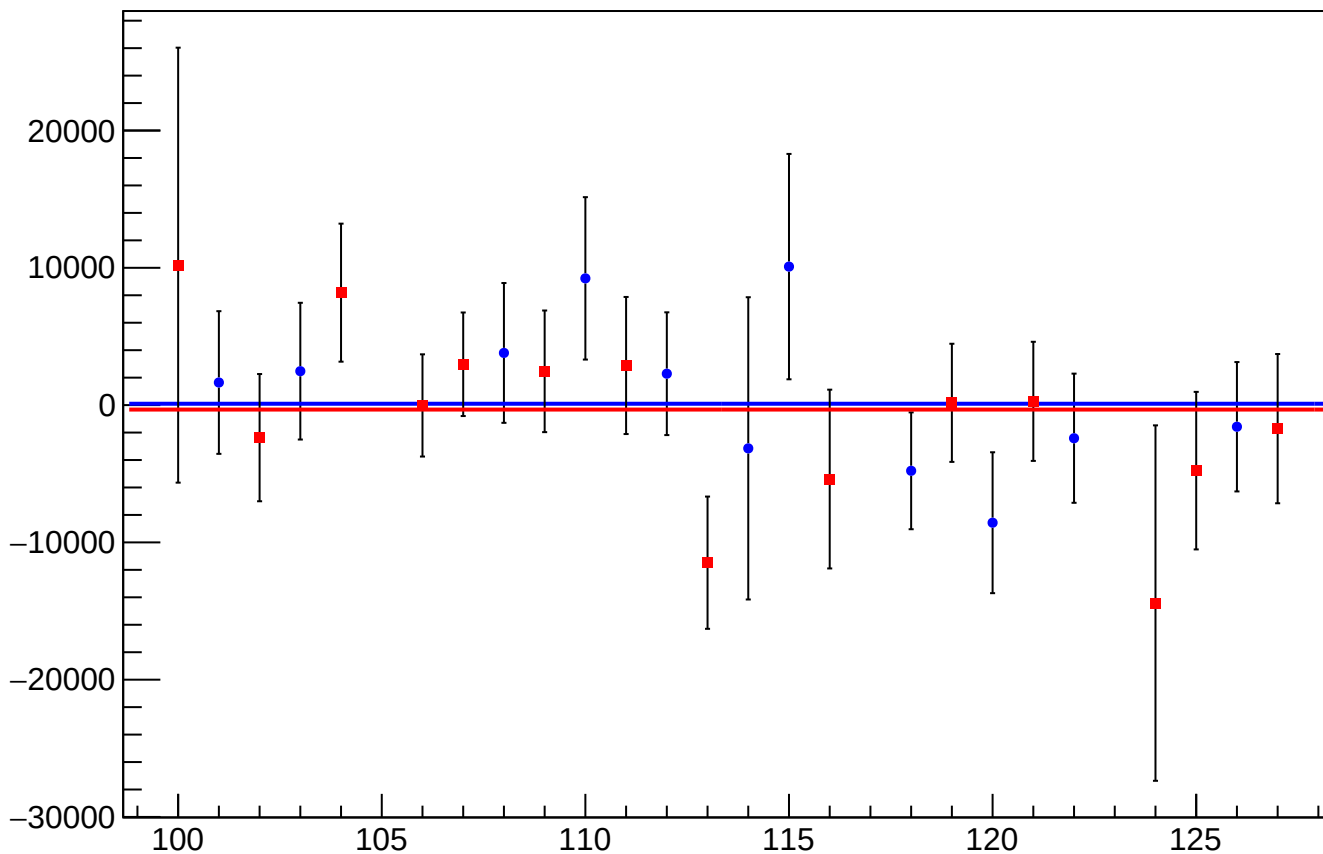
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1295.911+/-0.299 χ^2/NDF : 679941.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_mean vs Slug



Right In: 98.860 $\pm$ 1579.065 χ^2 /NDF: 9.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -325.094 $\pm$ 1327.197 χ^2 /NDF: 12.9/13

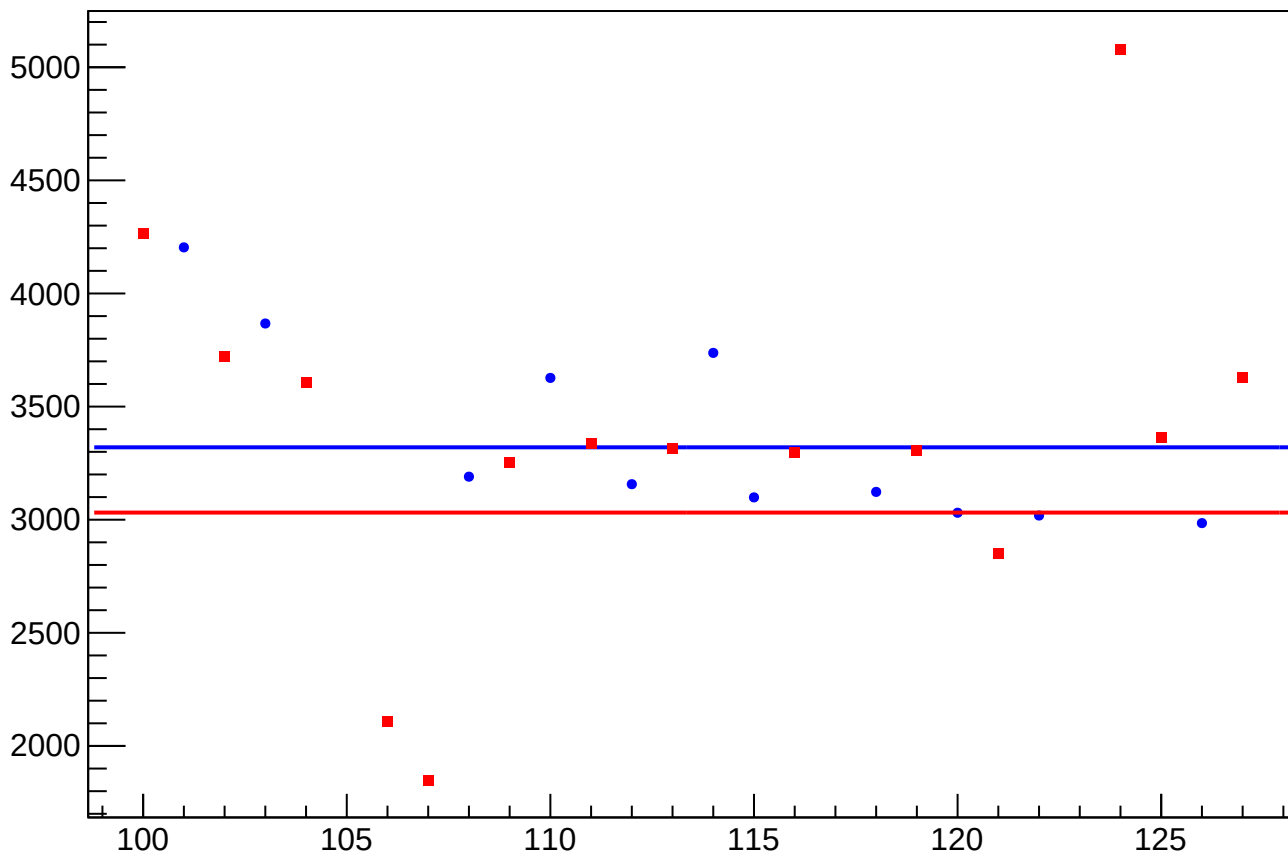
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -149.585 $\pm$ 1015.993 χ^2 /NDF: 22.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_rms vs Slug



Right In: 3319.987 $\pm$ 1.117 χ^2 /NDF: 124643.5/10

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

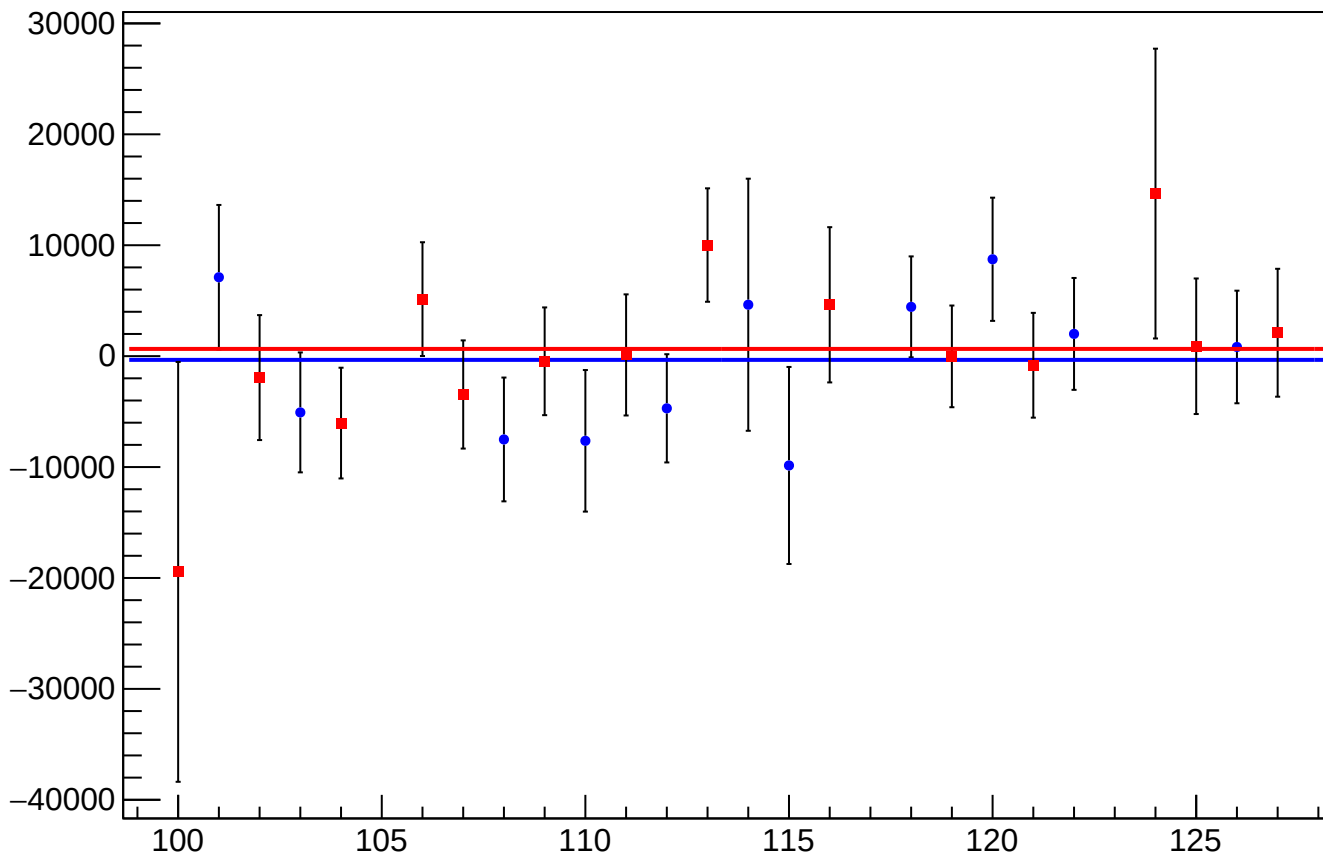
Right Out: 3031.492 $\pm$ 0.938 χ^2 /NDF: 517790.7/13

All: 3150.924 $\pm$ 0.718 χ^2 /NDF: 681556.0/24

- 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_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



Right In: -336.593+/-1725.983 χ^2/NDF : 11.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 651.498+/-1500.419 χ^2/NDF : 9.7/13

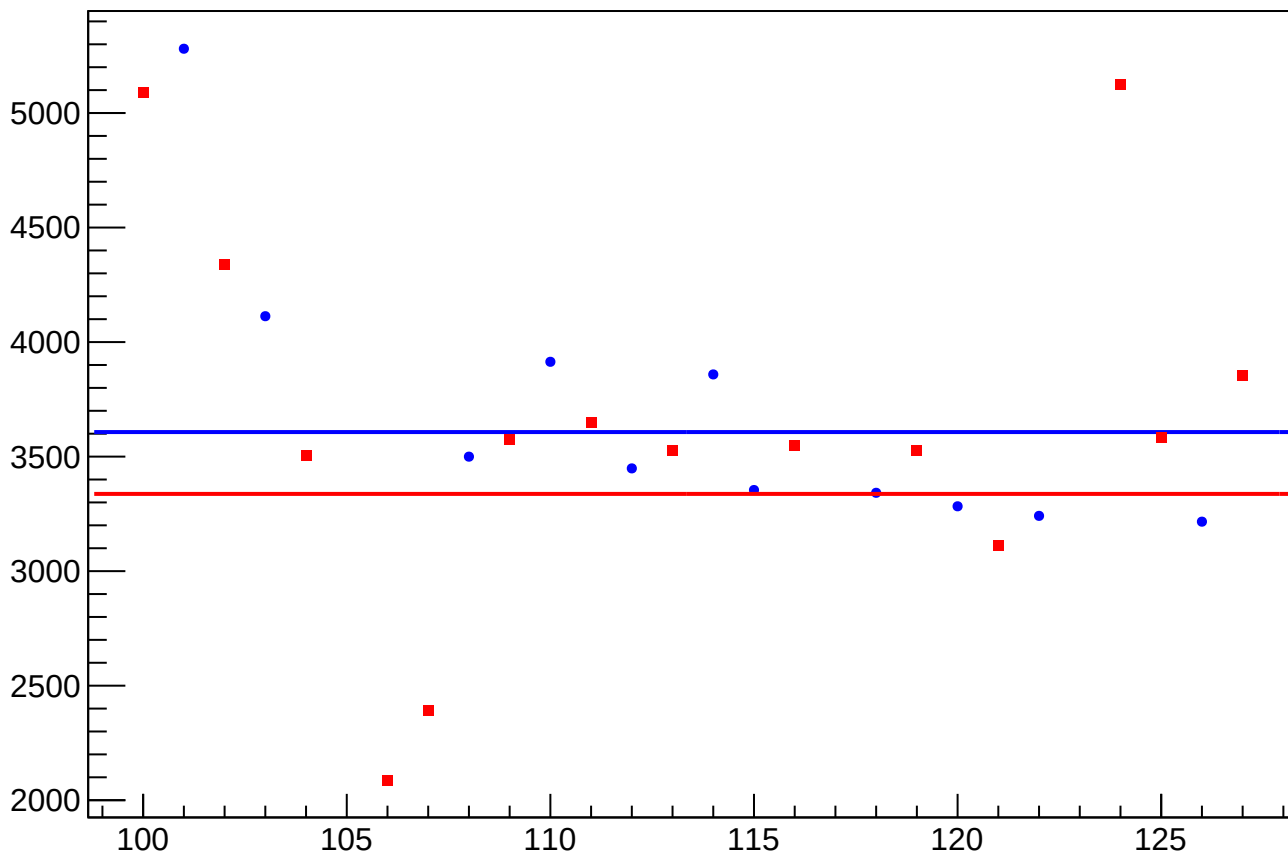
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 226.196+/-1132.366 χ^2/NDF : 21.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 3607.179+/-1.220 χ^2/NDF : 195433.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3337.186+/-1.043 χ^2/NDF : 405396.0/13

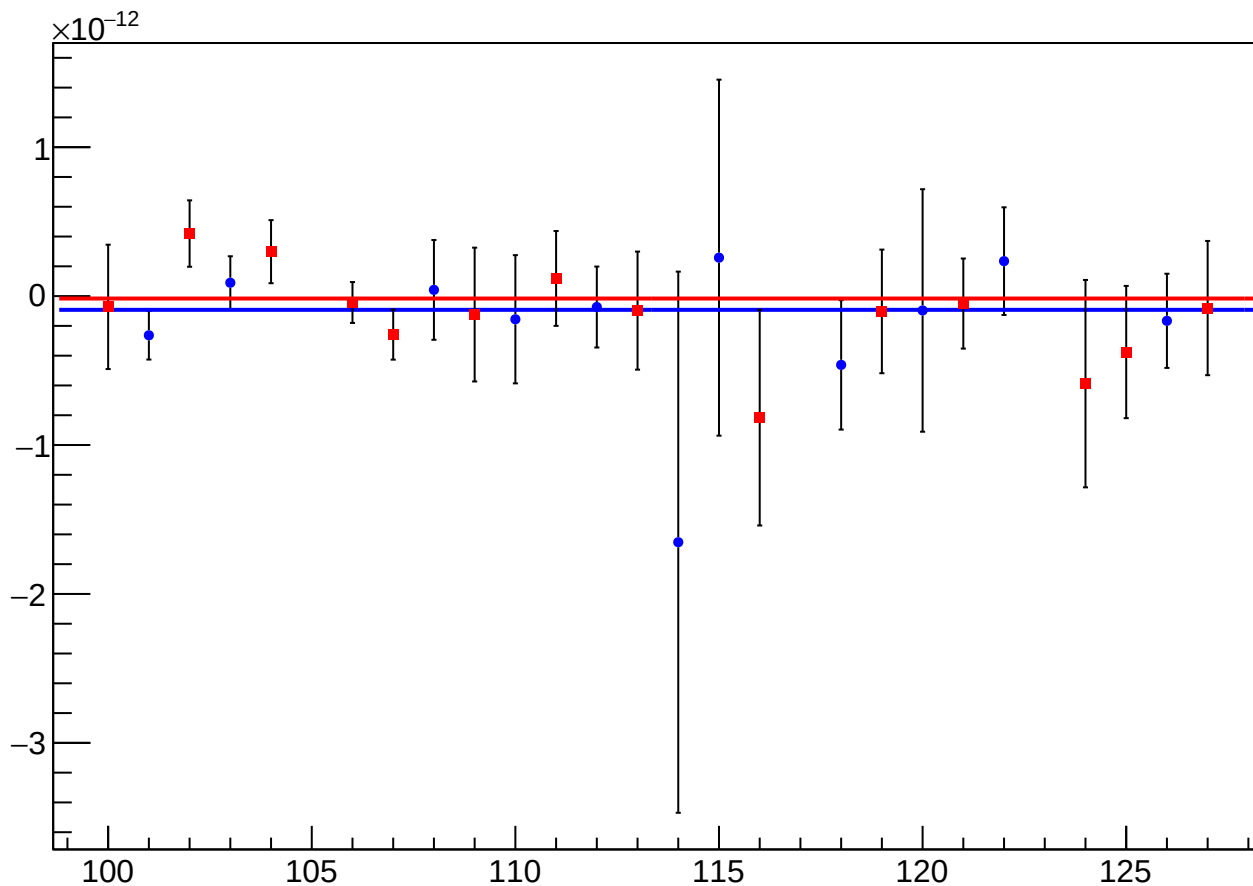
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3451.122+/-0.793 χ^2/NDF : 629117.2/24

- 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 $\pm$ 0.000 χ^2 /NDF: 4.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.1/13

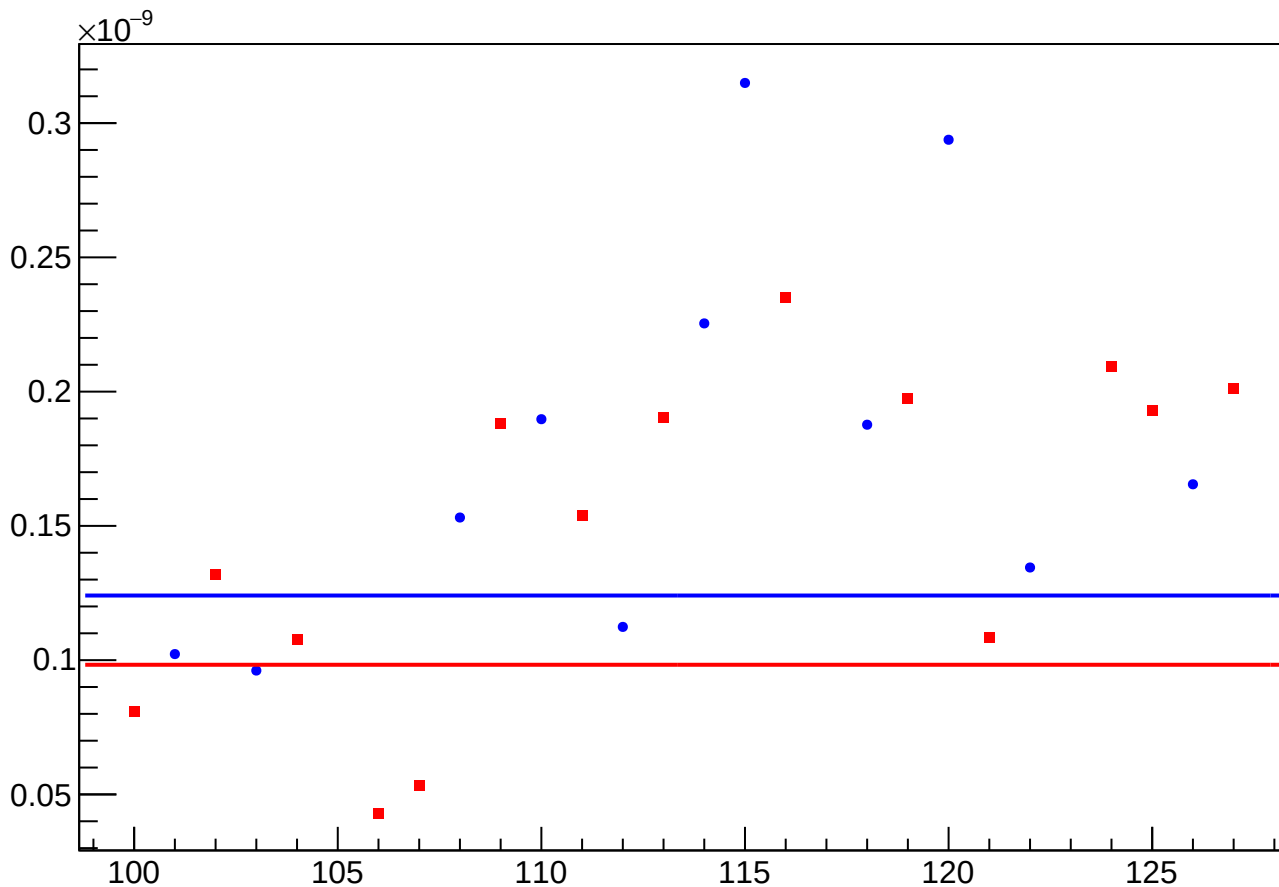
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 16.3/24

- sign 0.000 $\pm$ 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+/-0.000 χ^2 /NDF: 373504.5/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 1204193.5/13

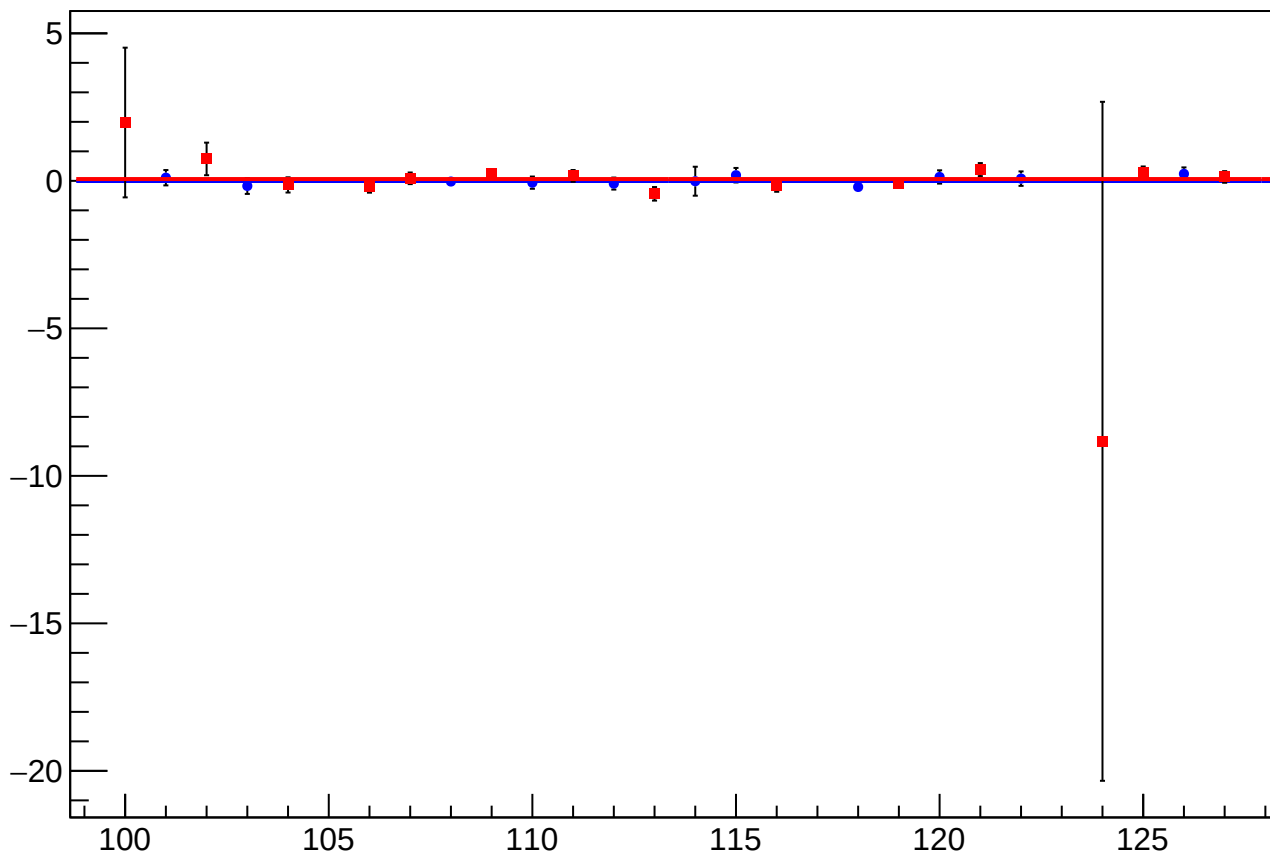
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 1676538.4/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.005 ± 0.066 χ^2/NDF : 4.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.061 ± 0.059 χ^2/NDF : 17.0/13

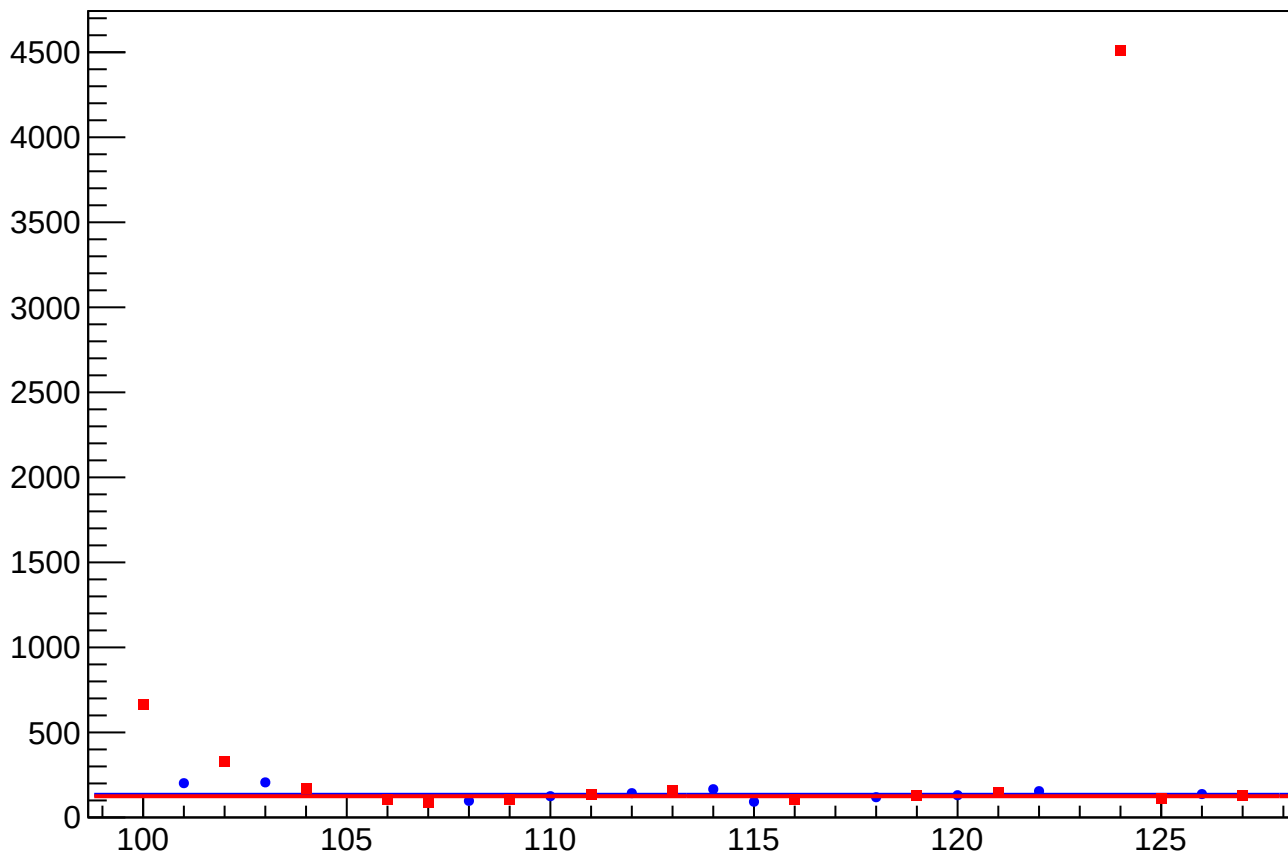
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.032 ± 0.044 χ^2/NDF : 22.3/24

- 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: 133.261+/-0.047 χ^2/NDF : 486831.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.806+/-0.042 χ^2/NDF : 908299.6/13

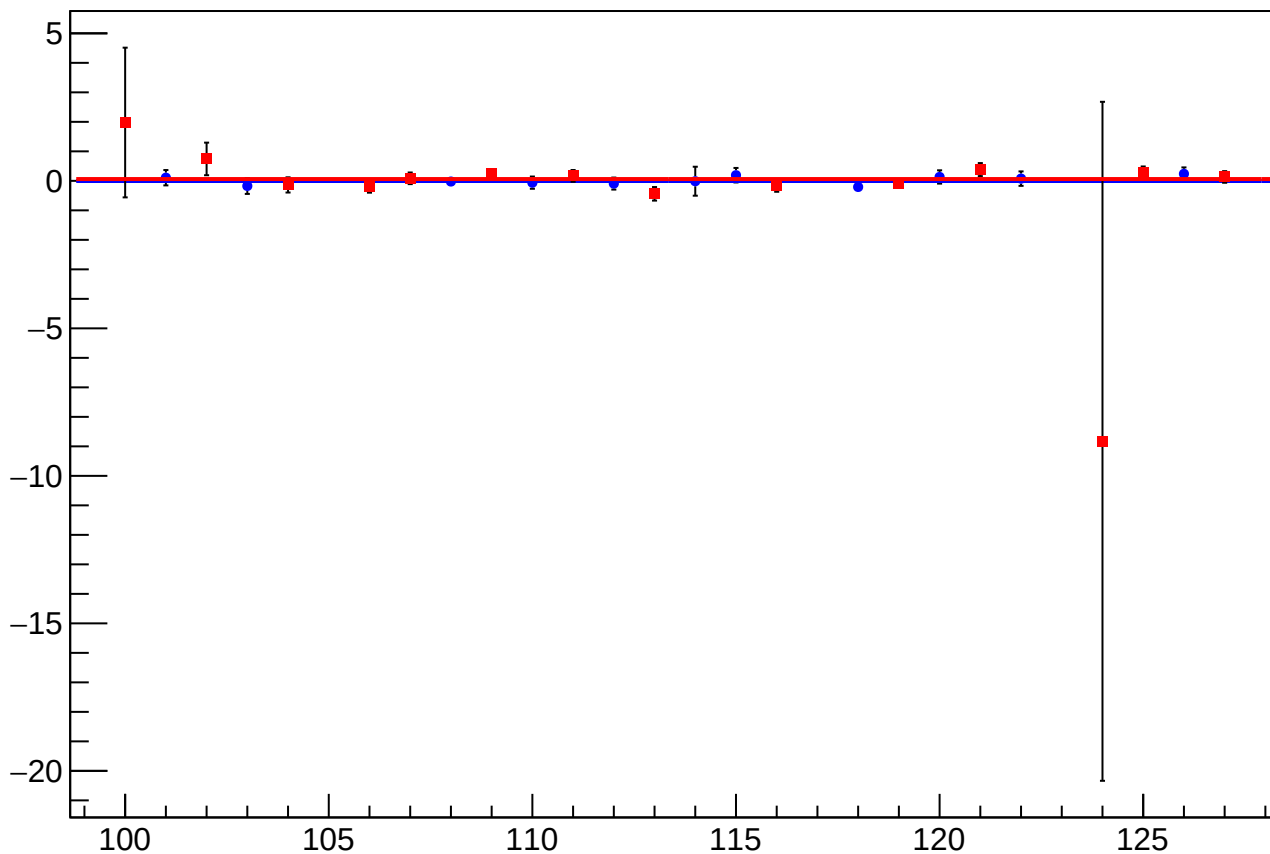
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.572+/-0.031 χ^2/NDF : 1413416.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.005 $\pm$ 0.066 χ^2 /NDF: 4.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.061 $\pm$ 0.059 χ^2 /NDF: 17.0/13

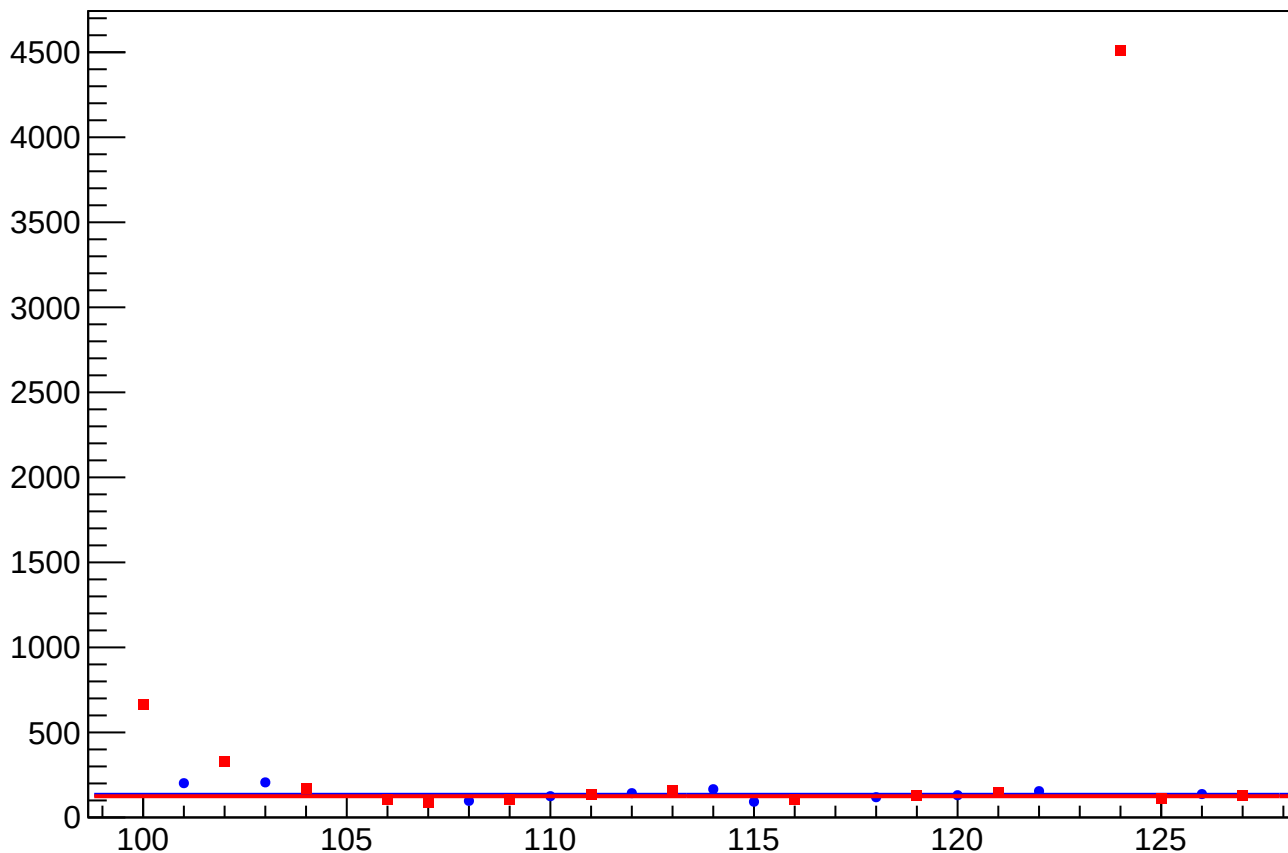
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.032 $\pm$ 0.044 χ^2 /NDF: 22.3/24

- 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: 133.261+/-0.047 χ^2/NDF : 486831.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.806+/-0.042 χ^2/NDF : 908299.6/13

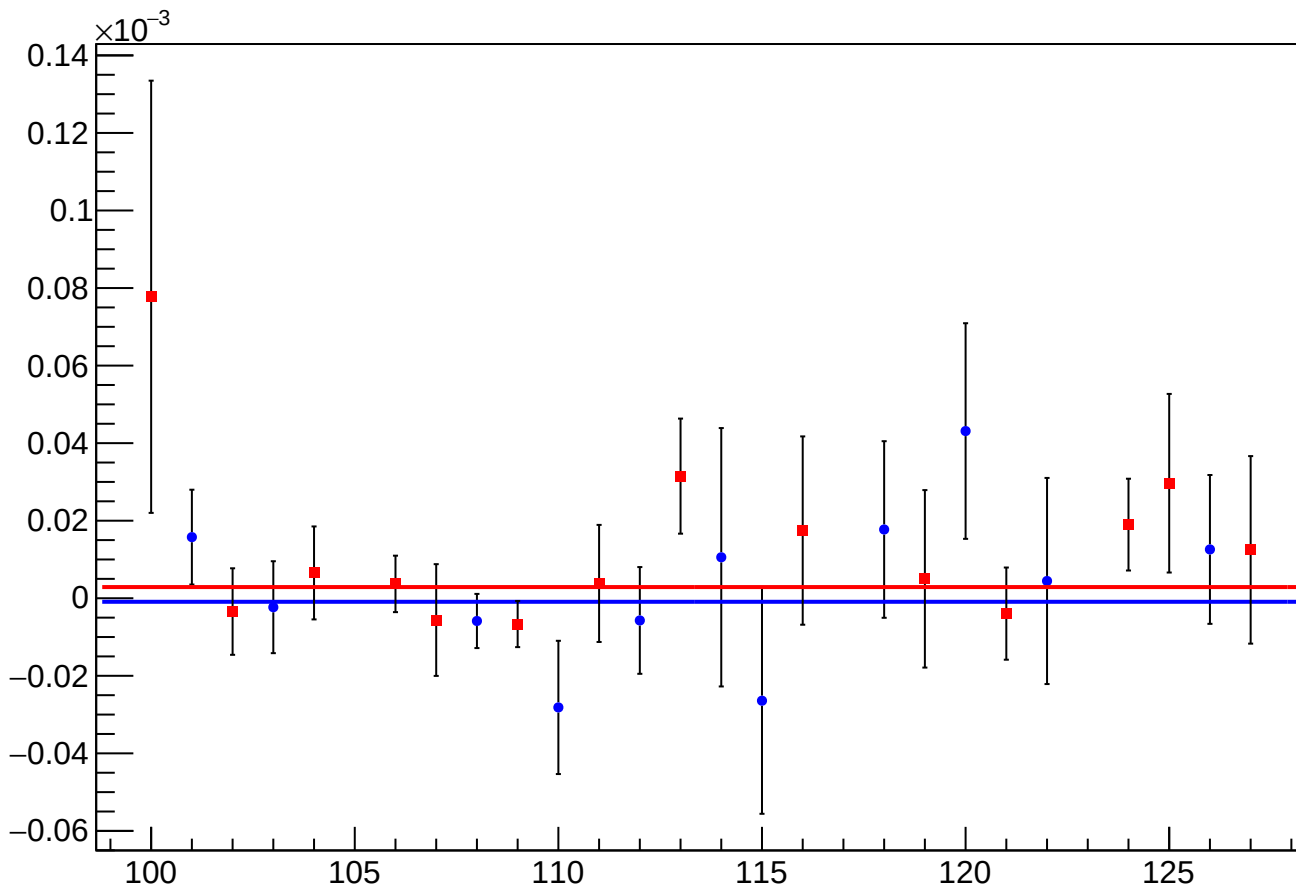
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.572+/-0.031 χ^2/NDF : 1413416.0/24

- 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 $\pm$ 0.000 χ^2/NDF : 9.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 12.9/13

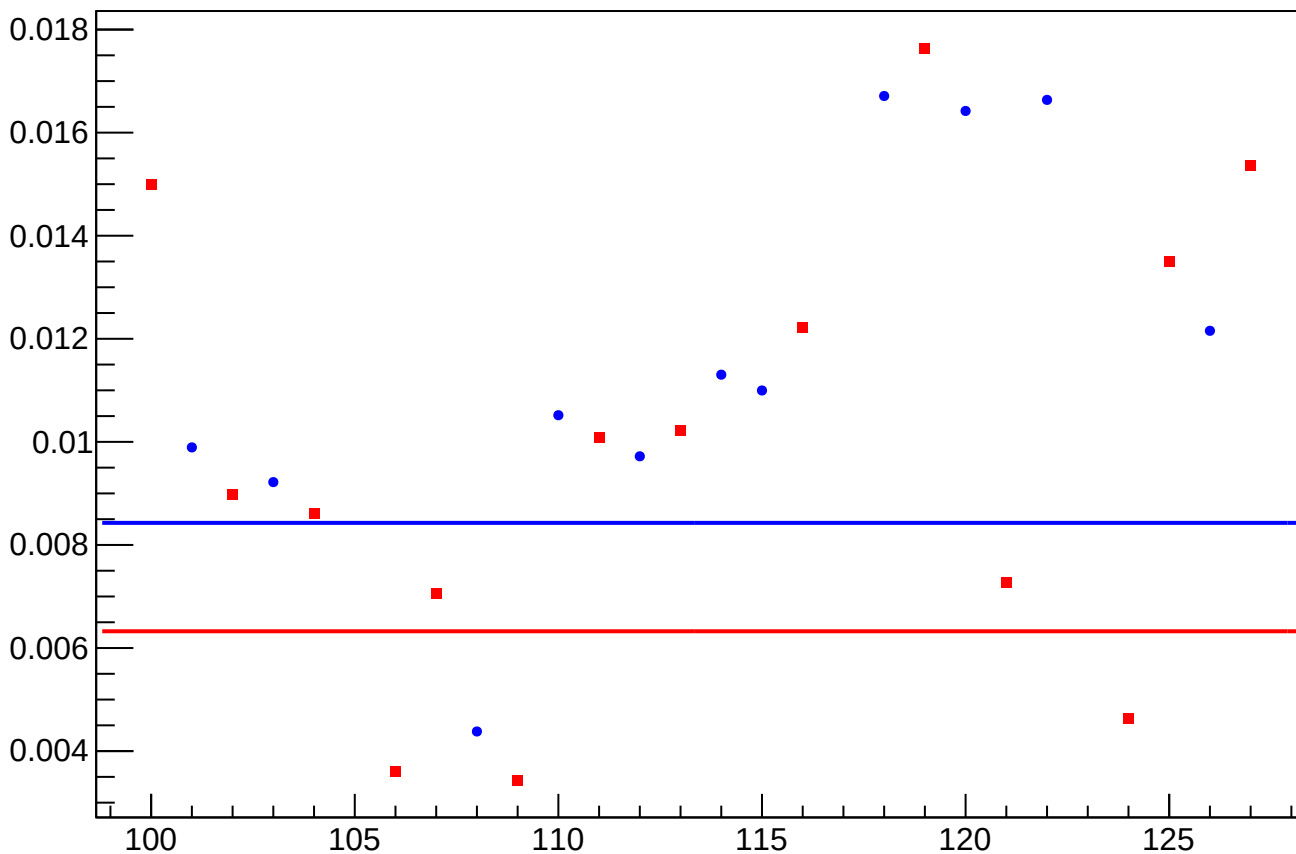
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 23.0/24

- sign 0.000 $\pm$ 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 $\pm$ 0.000 χ^2 /NDF: 1482687.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.006 $\pm$ 0.000 χ^2 /NDF: 2386410.9/13

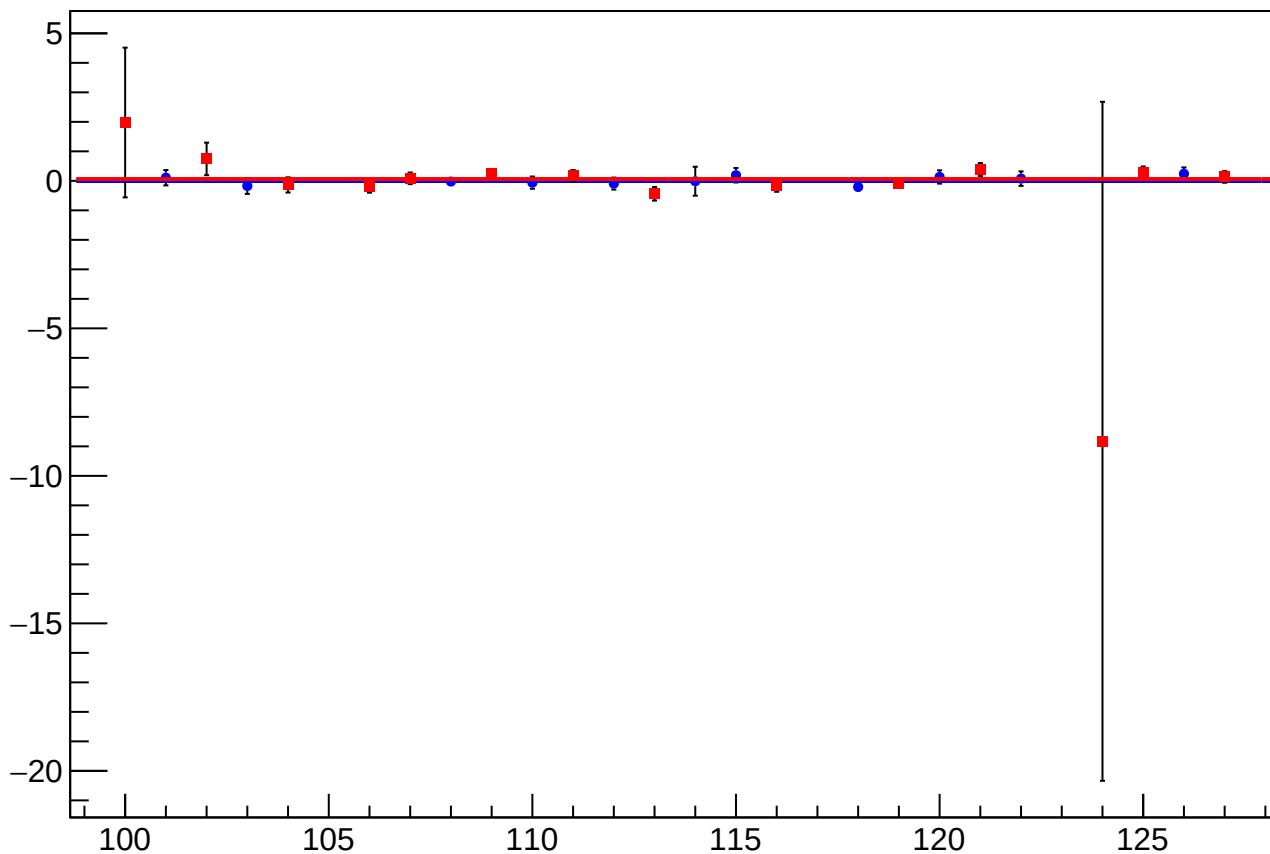
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.000 χ^2 /NDF: 4170709.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.005 $\pm$ 0.066 χ^2/NDF : 4.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.061 $\pm$ 0.059 χ^2/NDF : 17.0/13

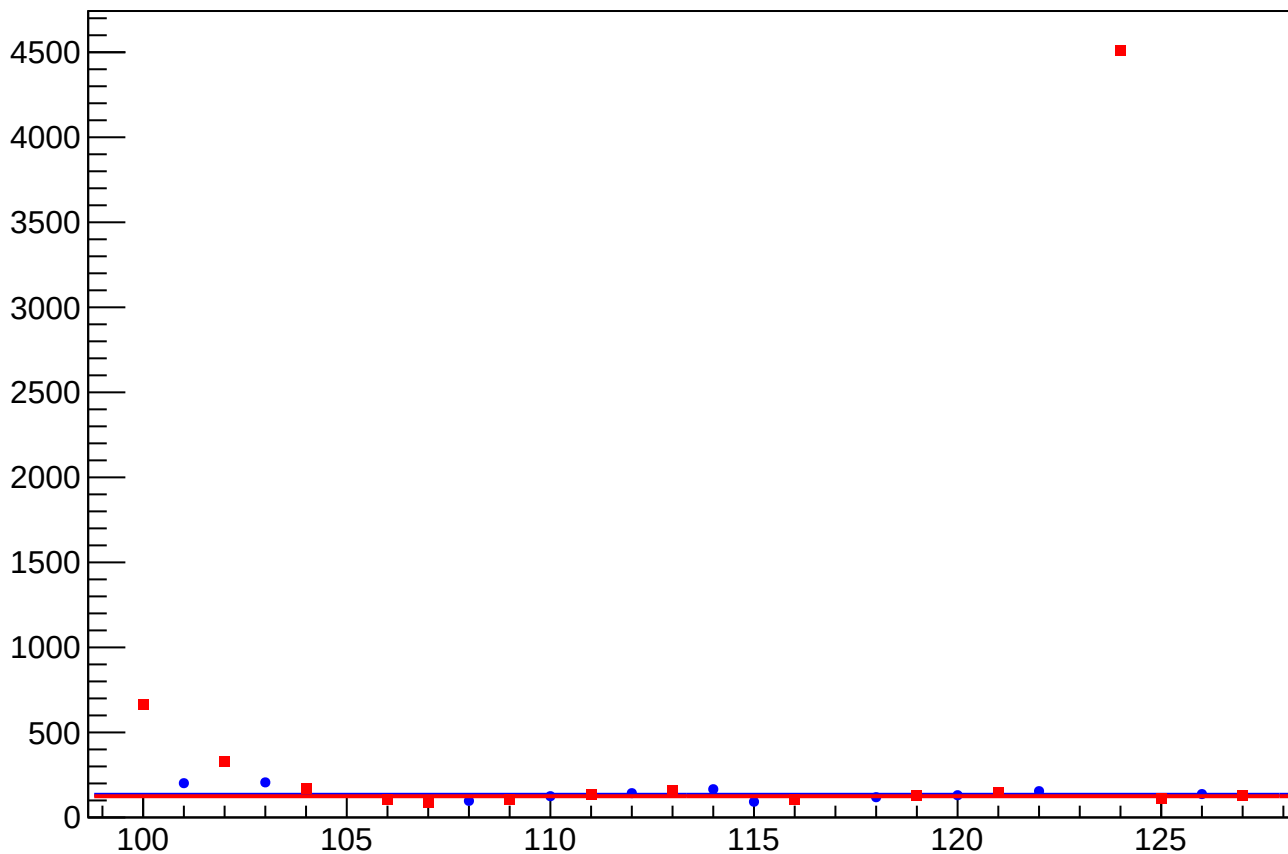
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.032 $\pm$ 0.044 χ^2/NDF : 22.3/24

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 133.262 $\pm$ 0.047 χ^2 /NDF: 486800.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 124.808 $\pm$ 0.042 χ^2 /NDF: 908250.5/13

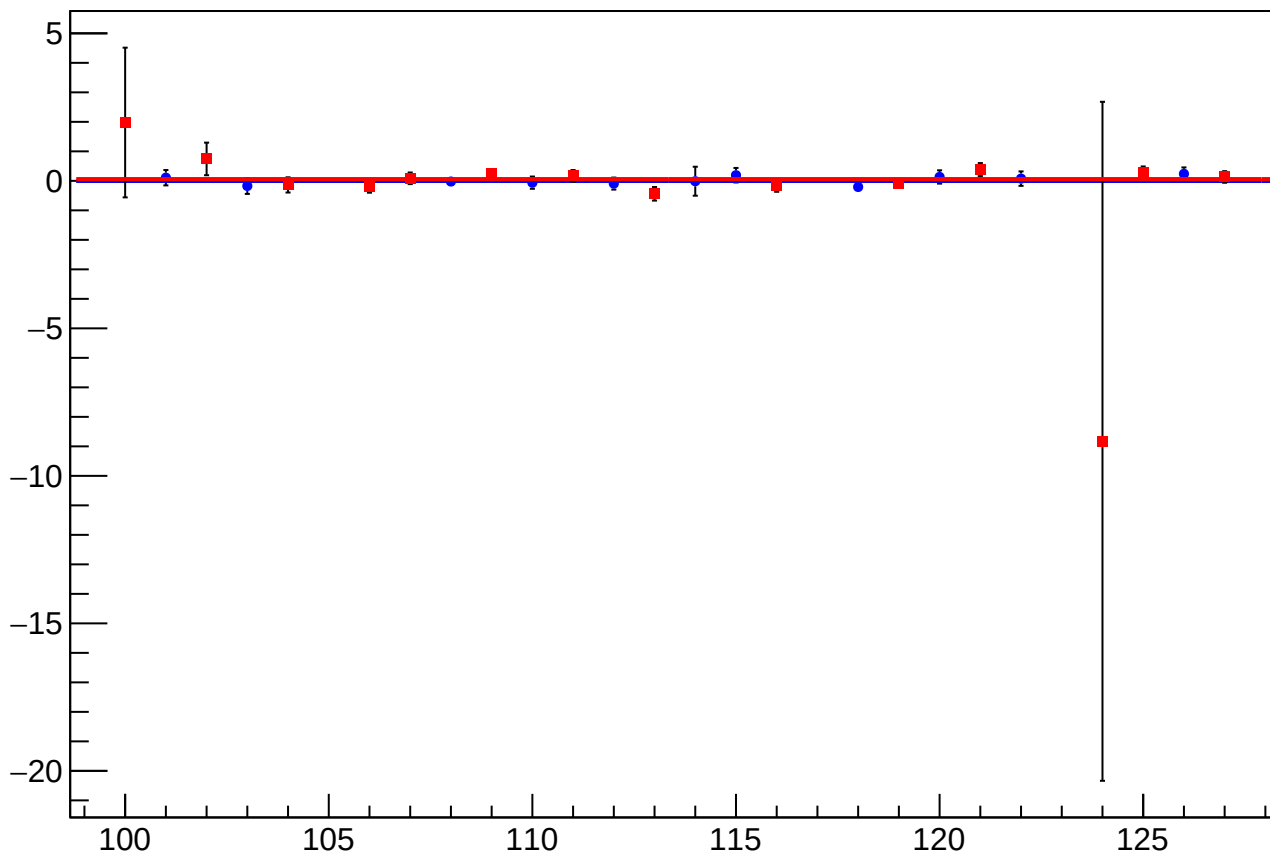
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 128.574 $\pm$ 0.031 χ^2 /NDF: 1413329.8/24

- sign 0.000 $\pm$ 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: -0.005+/-0.066 χ^2 /NDF: 4.7/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.061+/-0.059 χ^2 /NDF: 17.0/13

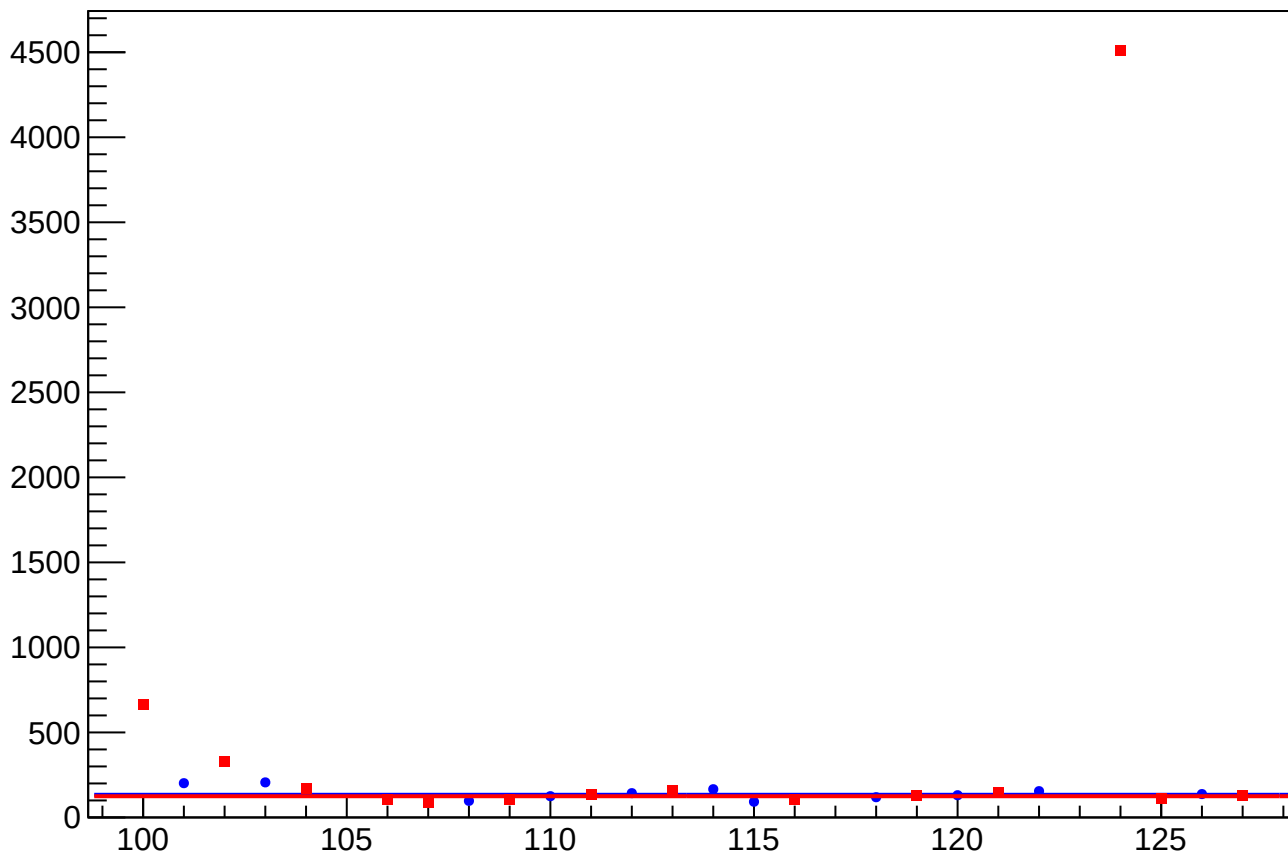
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.032+/-0.044 χ^2 /NDF: 22.3/24

- sign 0.000+/-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: 133.262 $\pm$ 0.047 χ^2 /NDF: 486800.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 124.808 $\pm$ 0.042 χ^2 /NDF: 908250.5/13

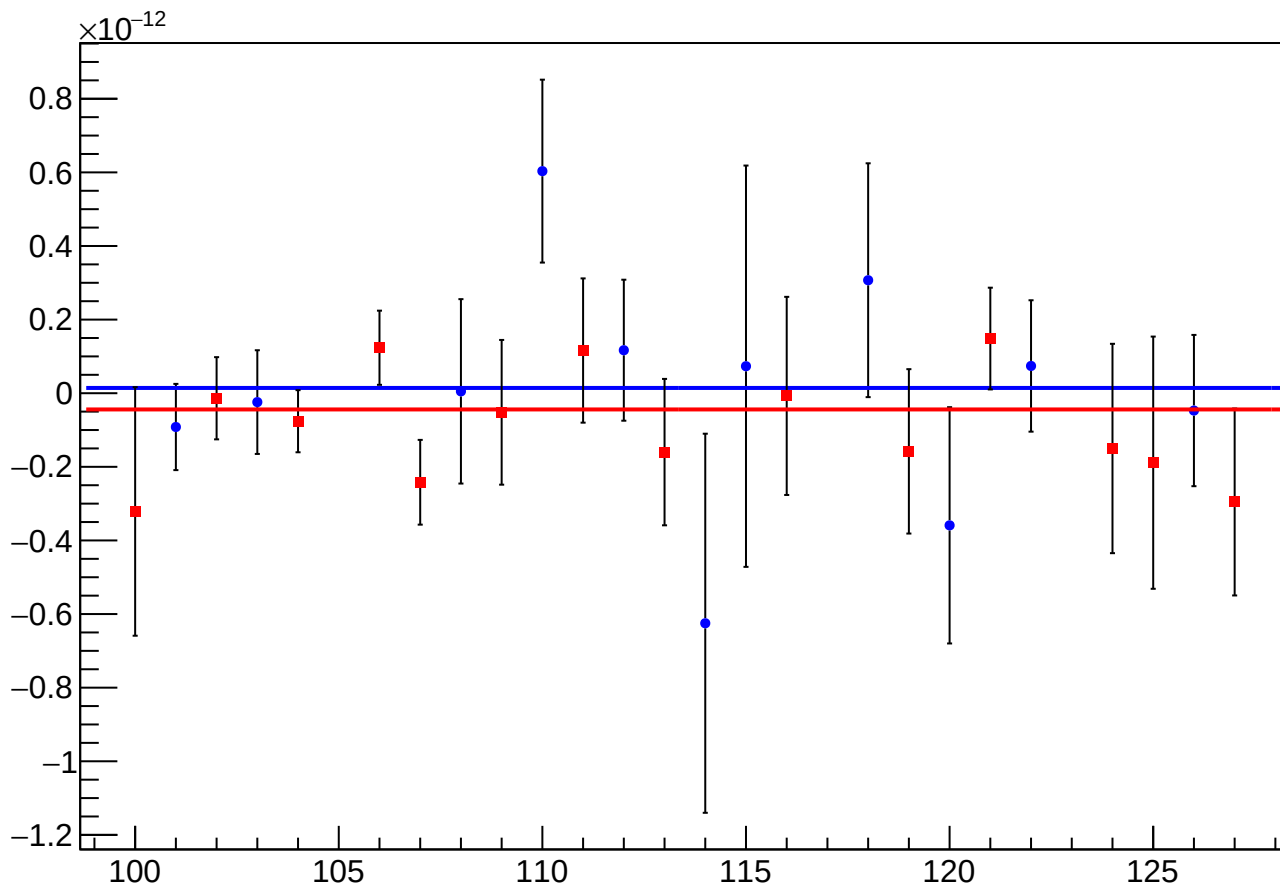
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 128.574 $\pm$ 0.031 χ^2 /NDF: 1413329.8/24

- sign 0.000 $\pm$ 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+/-0.000 χ^2/NDF : 10.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.1/13

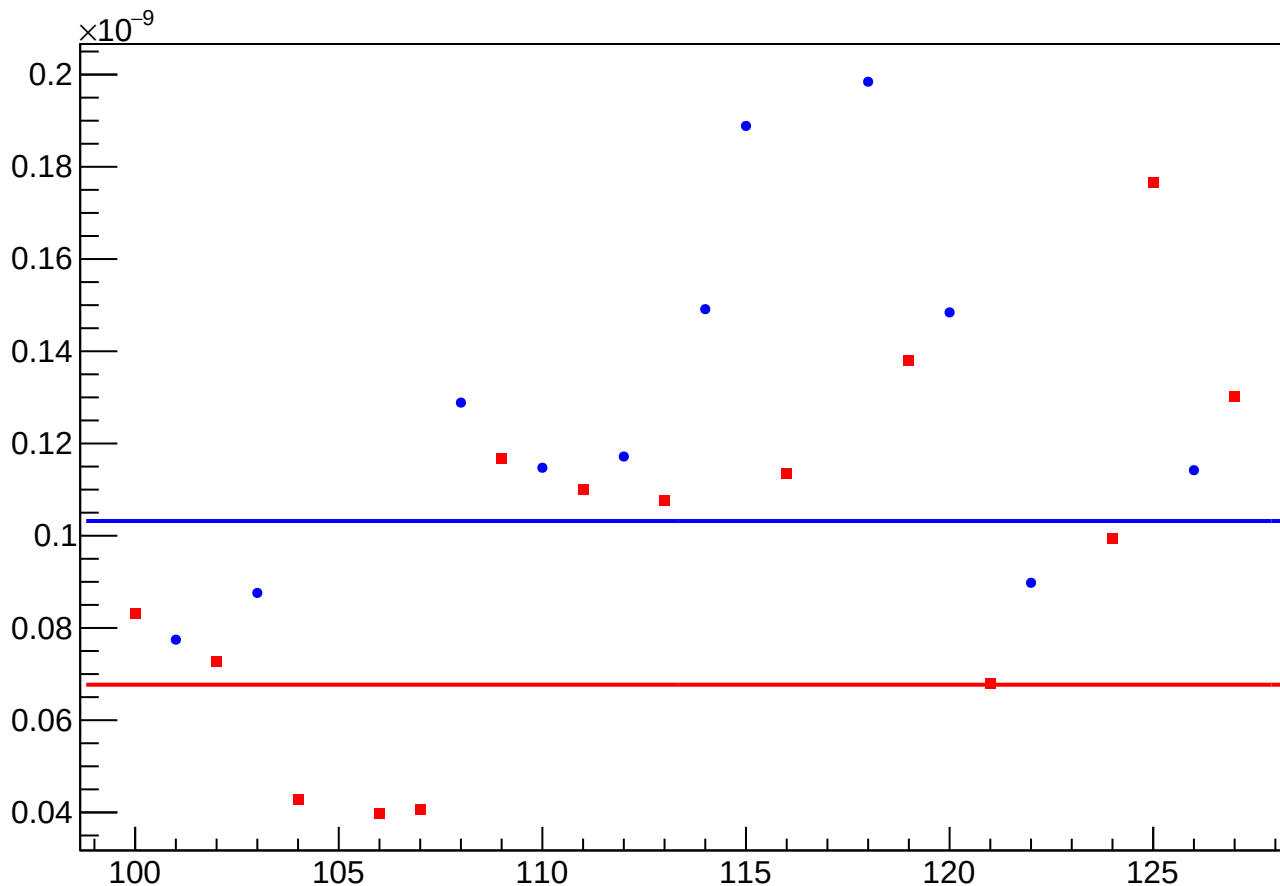
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.5/24

- sign 0.000+/-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 : 458926.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1348256.0/13

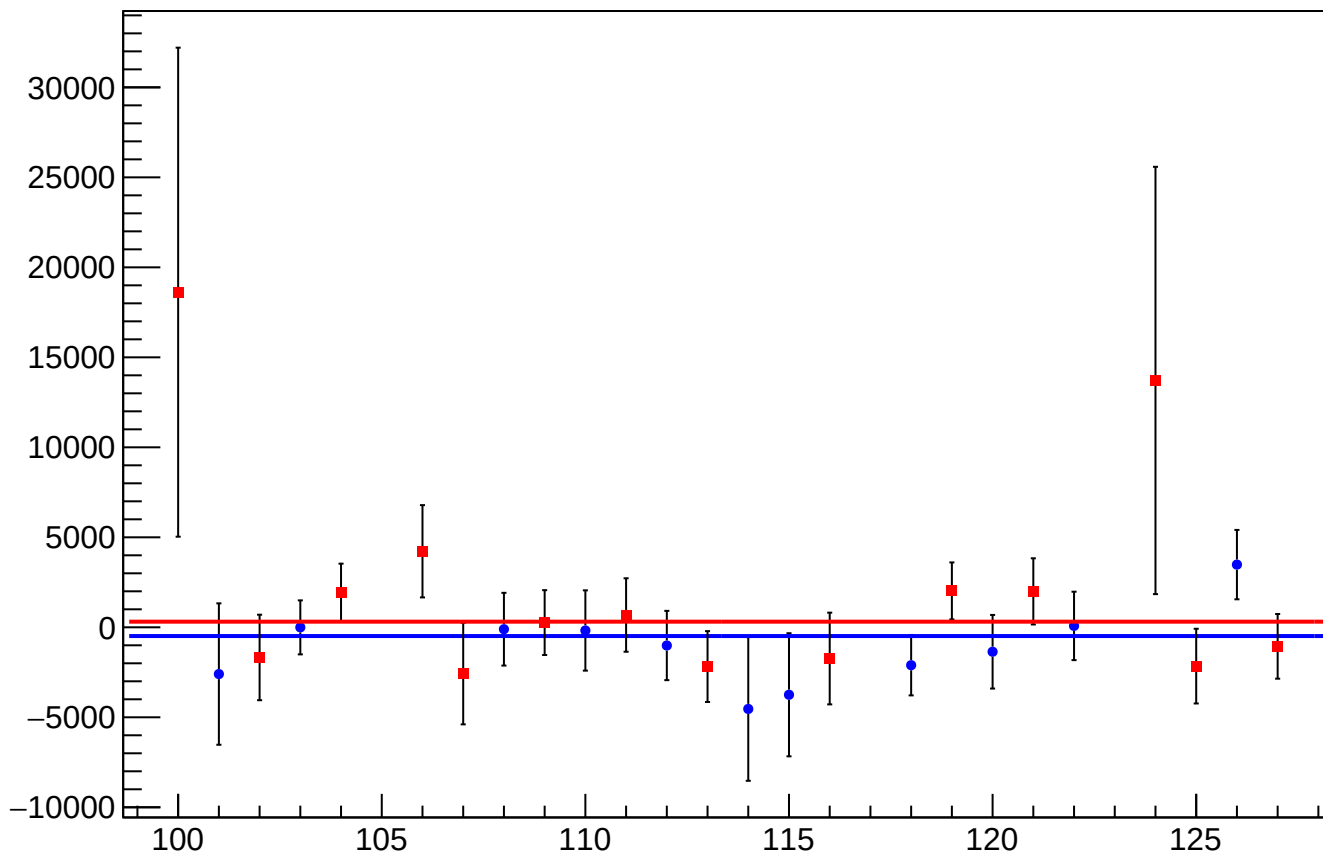
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2270624.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -486.299+/-630.800 χ^2/NDF : 7.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 312.996+/-572.280 χ^2/NDF : 14.5/13

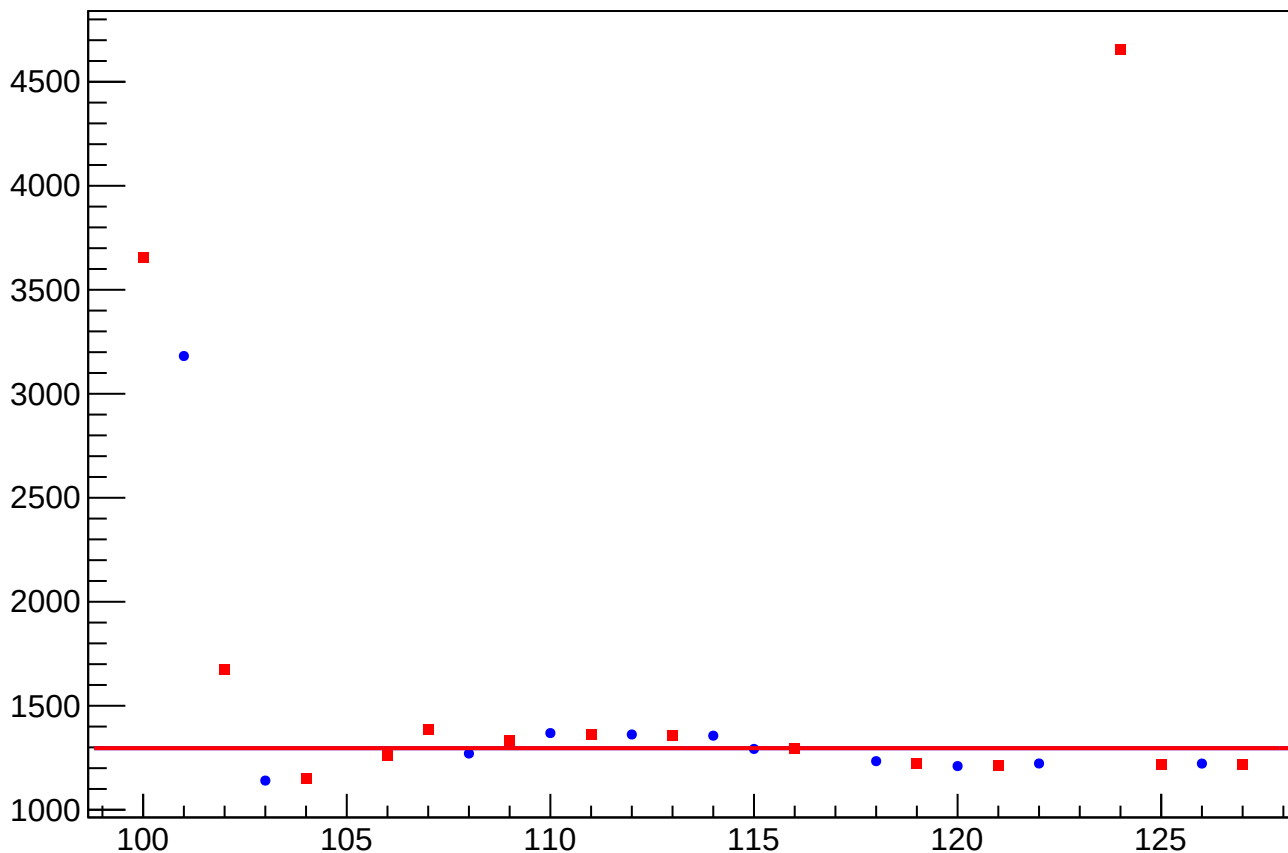
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.864+/-423.845 χ^2/NDF : 23.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1295.884+/-0.446 χ^2/NDF : 499710.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1296.241+/-0.405 χ^2/NDF : 311066.7/13

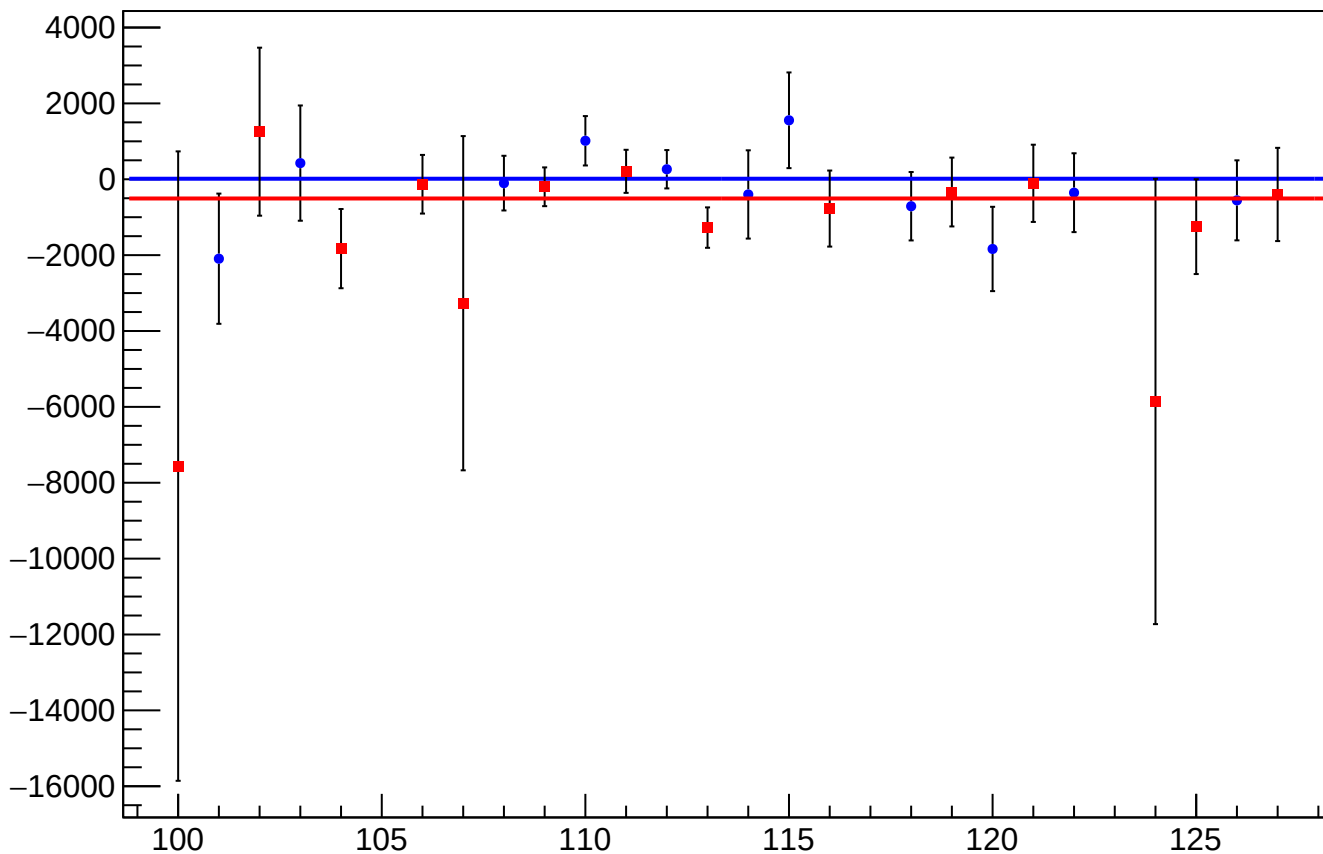
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1296.080+/-0.300 χ^2/NDF : 810777.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_mean vs Slug



Right In: 14.114+/-265.349 χ^2/NDF : 9.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -506.645+/-236.858 χ^2/NDF : 9.1/13

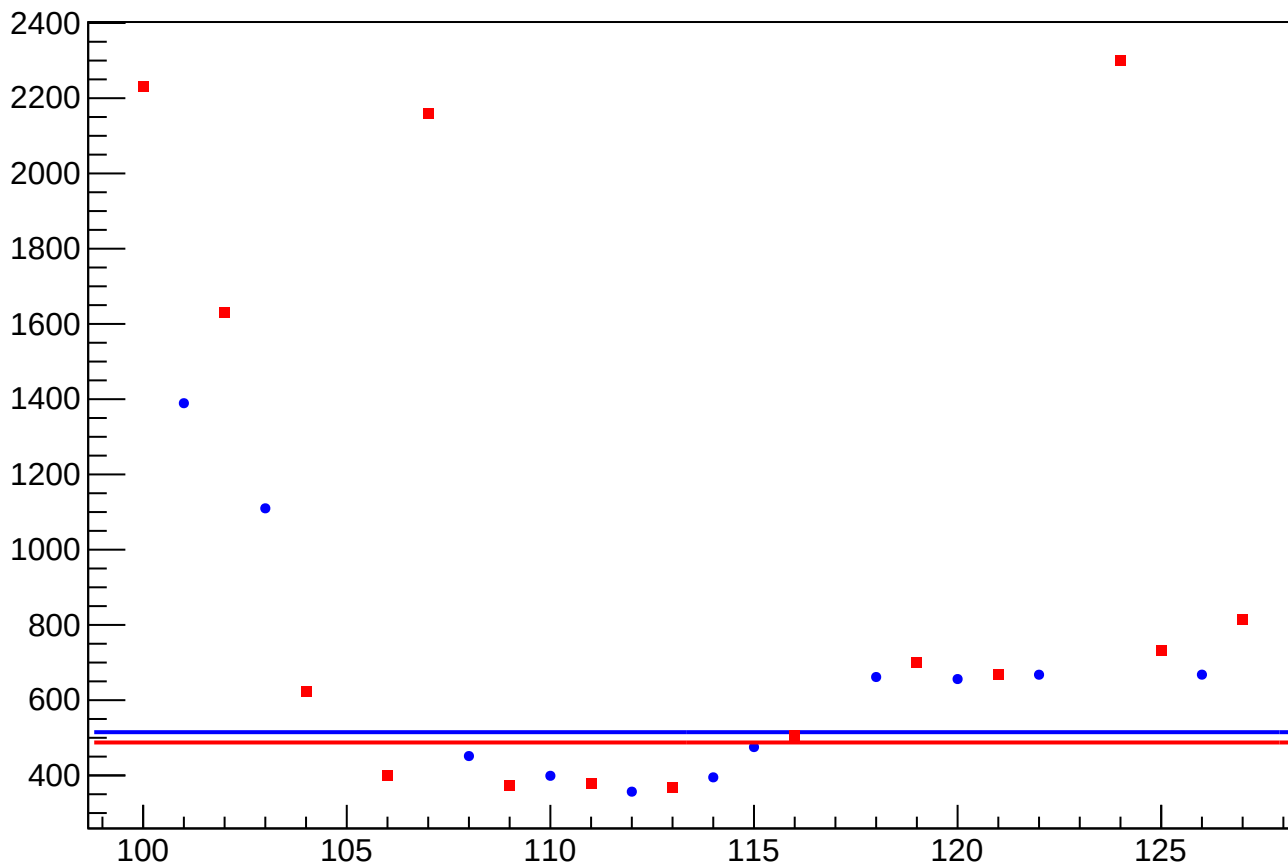
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -275.714+/-176.701 χ^2/NDF : 20.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_rms vs Slug



Right In: 514.934+/-0.188 χ^2/NDF : 1294263.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 487.551+/-0.167 χ^2/NDF : 1826121.2/13

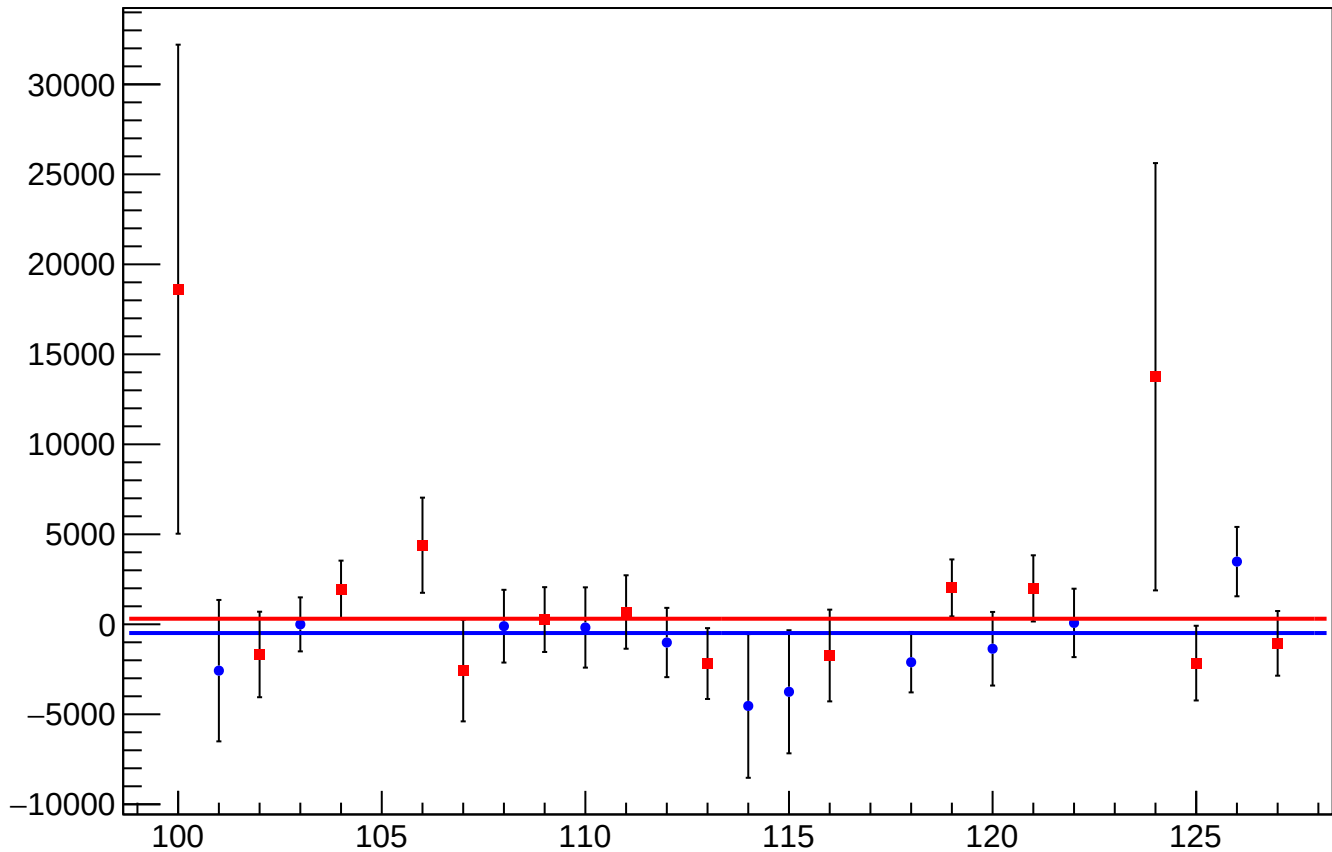
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 499.694+/-0.125 χ^2/NDF : 3132238.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -485.673+/-630.800 χ^2/NDF : 7.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 309.402+/-573.135 χ^2/NDF : 14.5/13

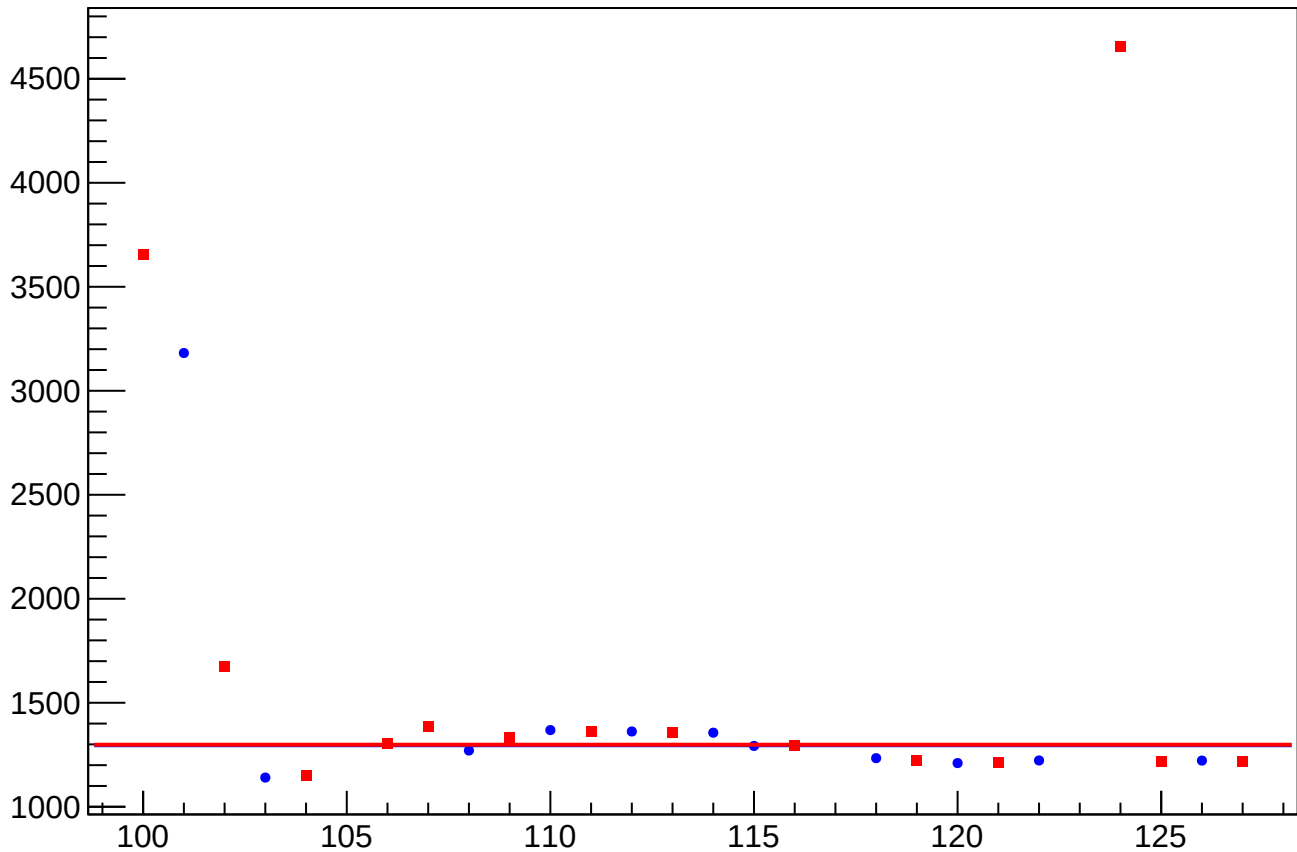
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.141+/-424.192 χ^2/NDF : 23.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1295.884 $\pm$ 0.446 χ^2 /NDF: 499711.5/10

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

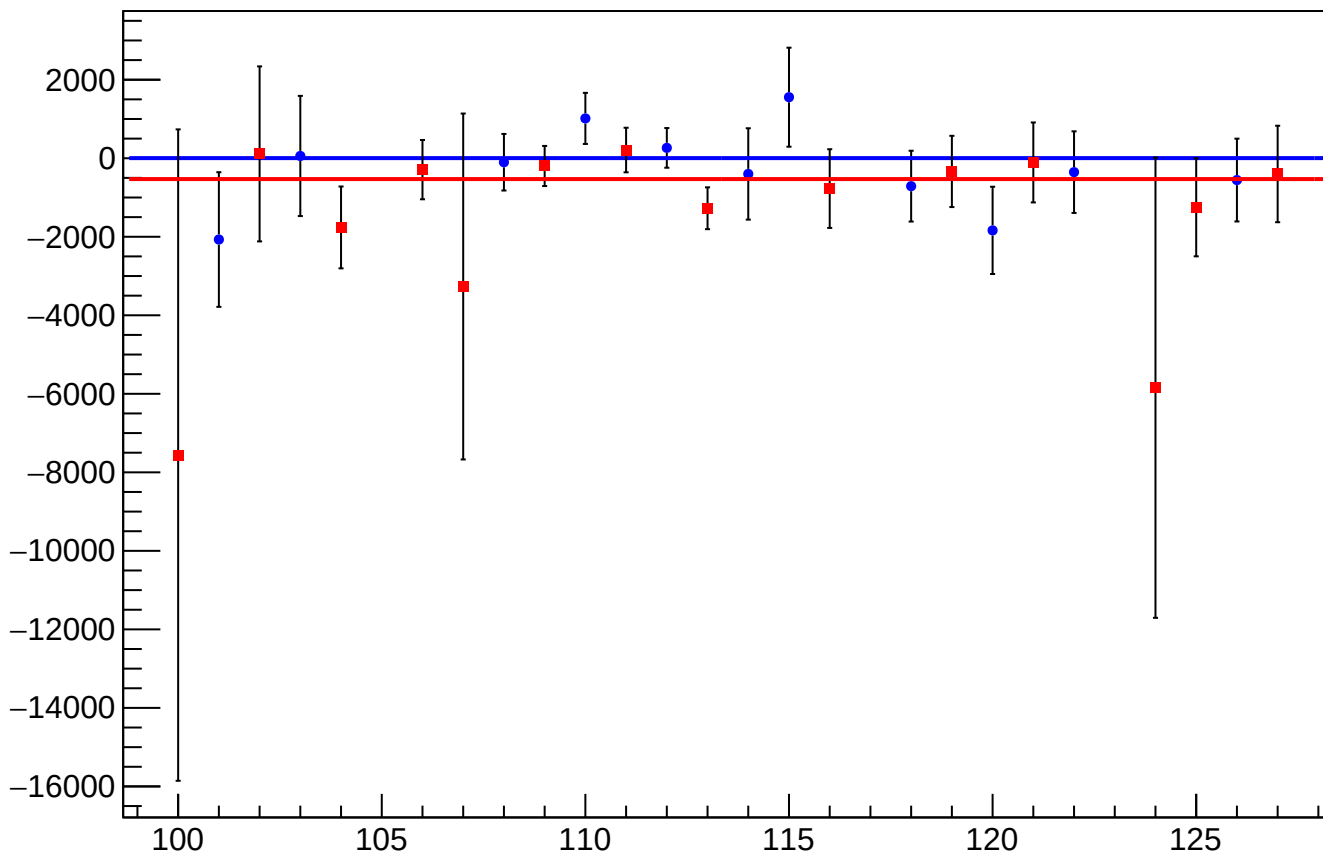
Right Out: 1298.257 $\pm$ 0.405 χ^2 /NDF: 310724.2/13

All: 1297.184 $\pm$ 0.300 χ^2 /NDF: 810451.2/24

- 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_atl1r2_dd_atl2r1_dd_avg_cor_correction_mean vs Slug



Right In: 3.409+/-265.405 χ^2/NDF : 9.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -530.263+/-236.313 χ^2/NDF : 8.2/13

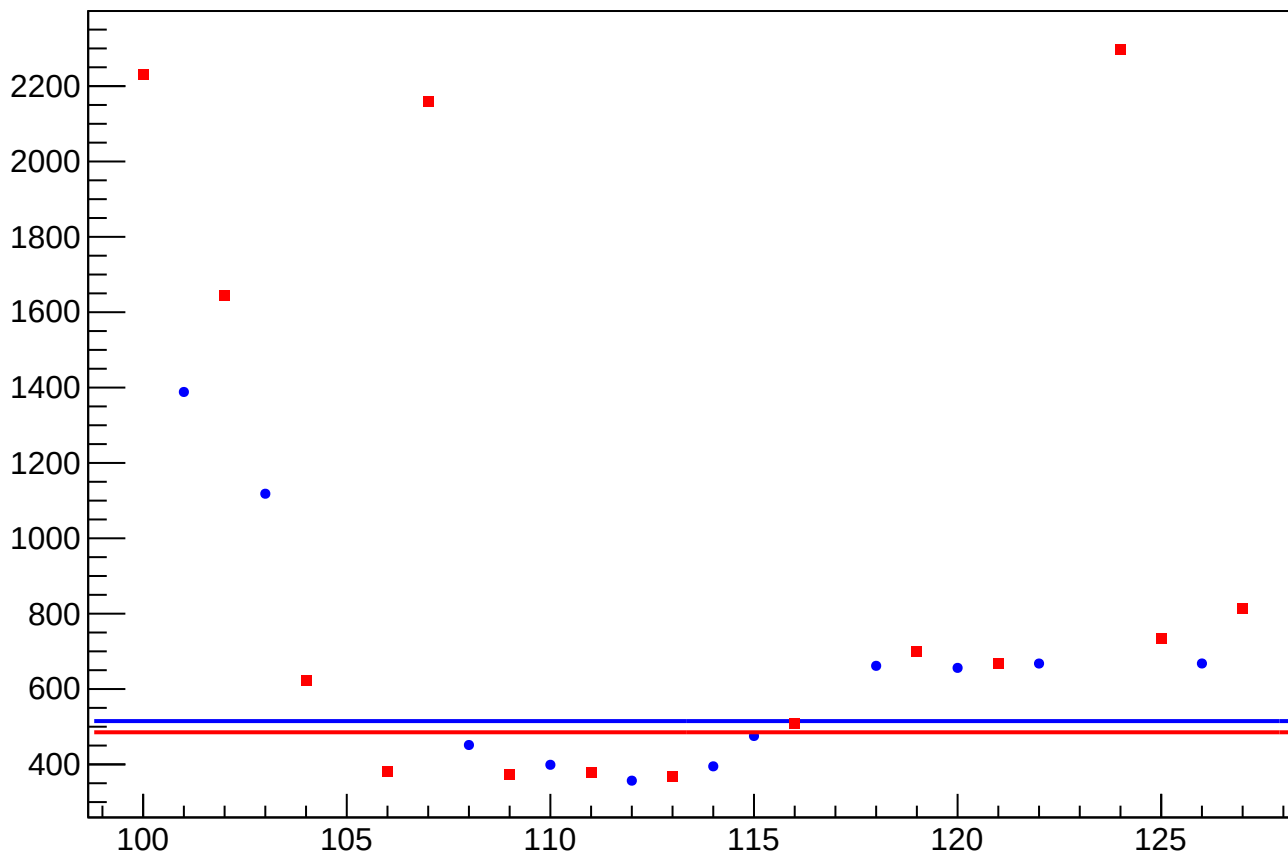
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -294.268+/-176.491 χ^2/NDF : 20.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_rms vs Slug



Right In: 514.929+/-0.188 χ^2/NDF : 1297926.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 485.231+/-0.167 χ^2/NDF : 1847173.6/13

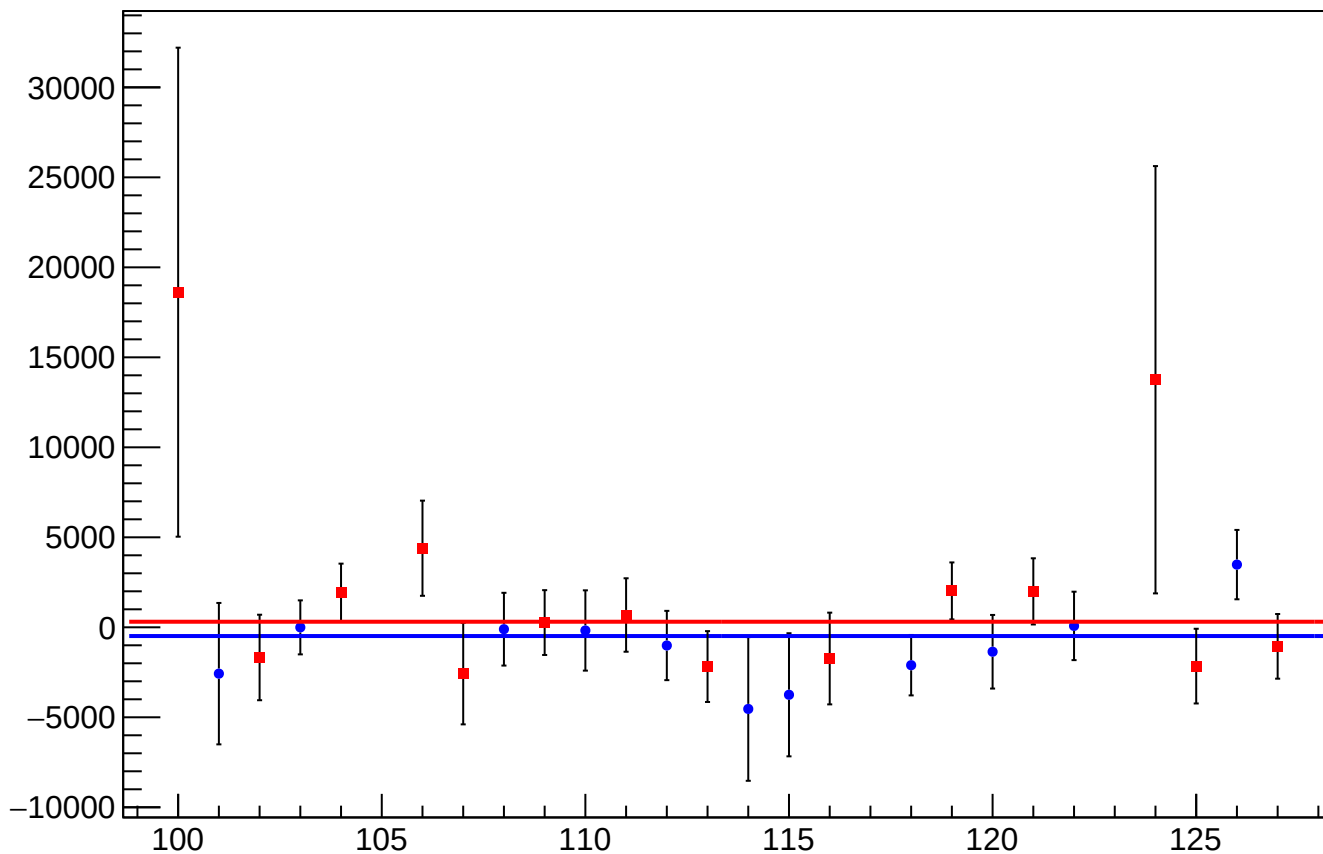
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 498.364+/-0.125 χ^2/NDF : 3159068.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -485.673+/-630.800 χ^2 /NDF: 7.9/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 309.402+/-573.135 χ^2 /NDF: 14.5/13

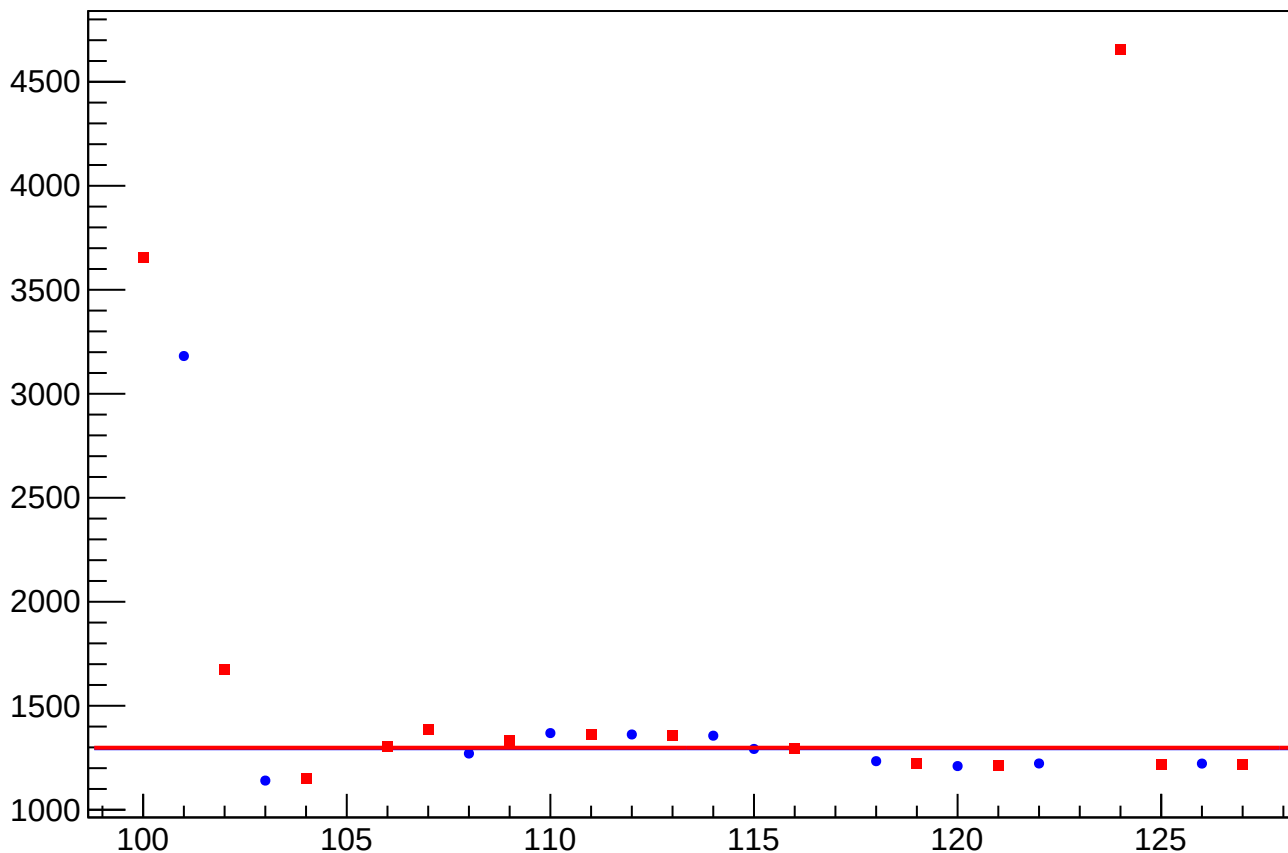
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -50.141+/-424.192 χ^2 /NDF: 23.3/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1295.884 $\pm$ 0.446 χ^2 /NDF: 499711.5/10

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

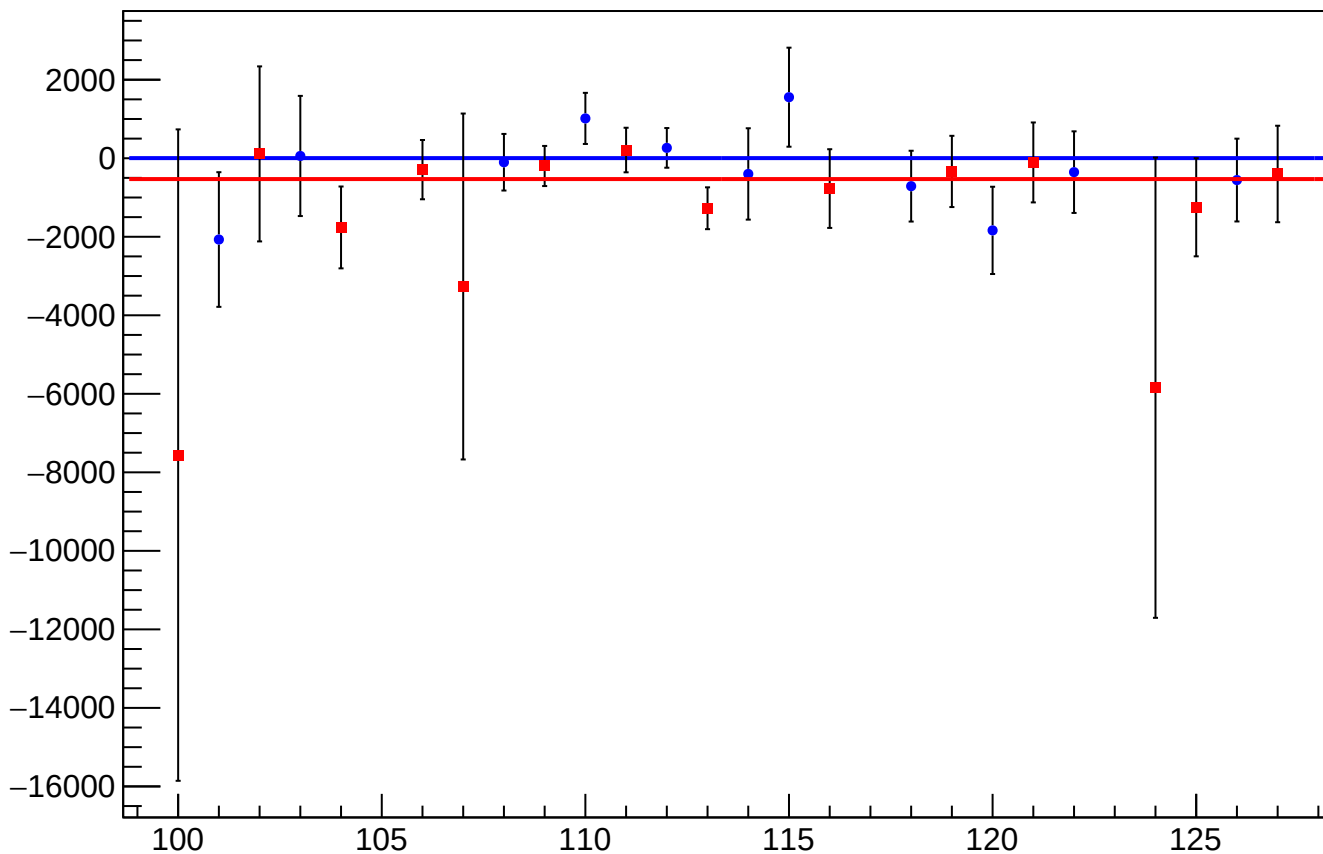
Right Out: 1298.257 $\pm$ 0.405 χ^2 /NDF: 310724.2/13

All: 1297.184 $\pm$ 0.300 χ^2 /NDF: 810451.2/24

- 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_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_mean vs Slug



Right In: 3.409+/-265.405 χ^2/NDF : 9.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -530.263+/-236.313 χ^2/NDF : 8.2/13

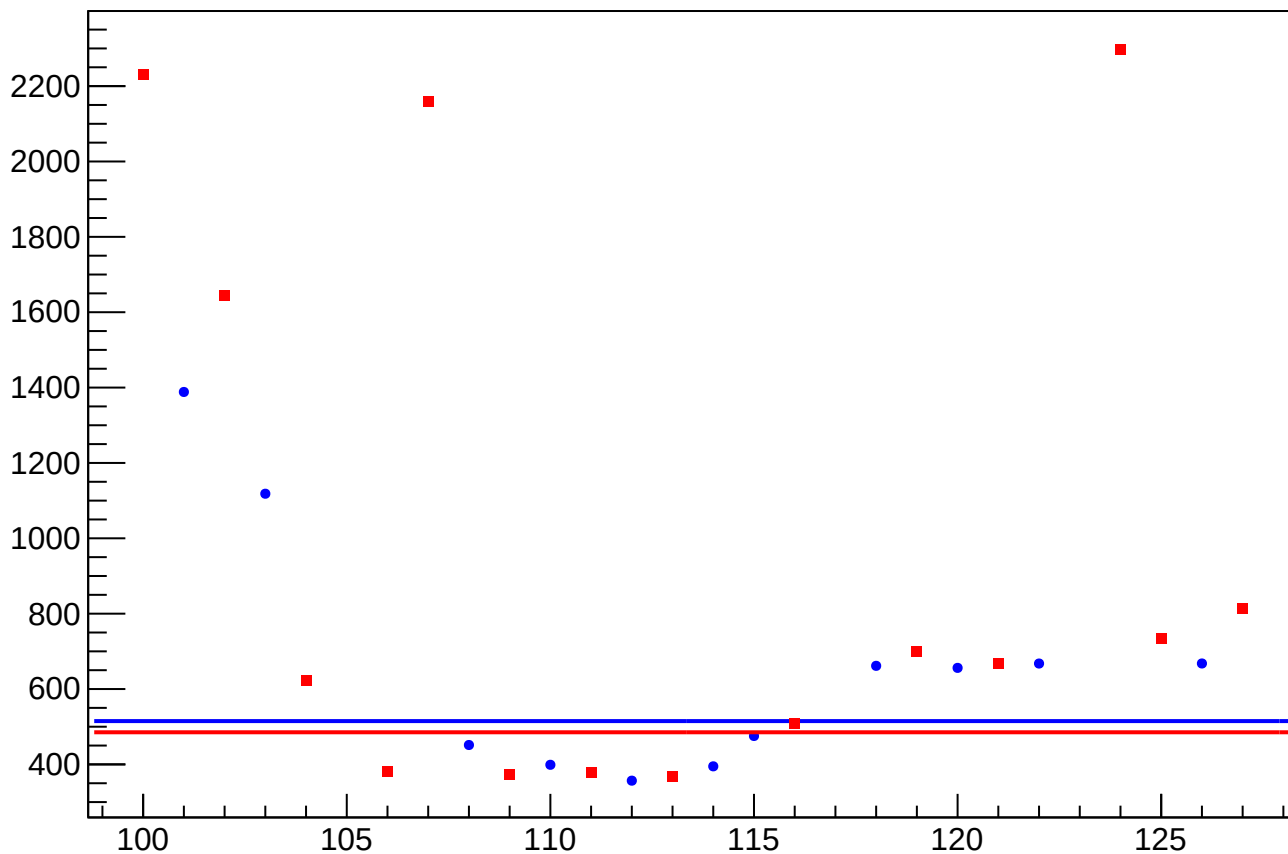
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -294.268+/-176.491 χ^2/NDF : 20.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_rms vs Slug



Right In: 514.929+/-0.188 χ^2/NDF : 1297926.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 485.231+/-0.167 χ^2/NDF : 1847173.6/13

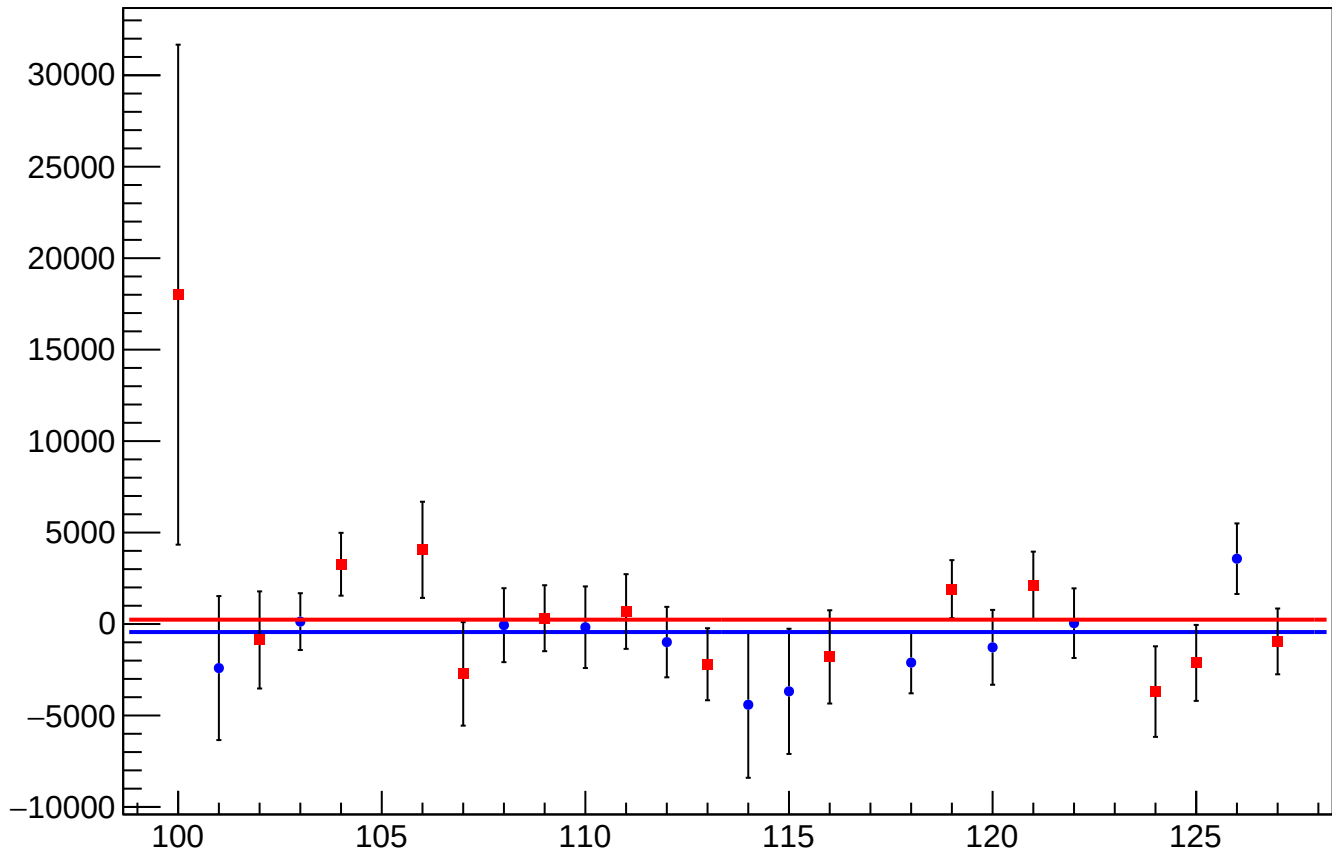
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 498.364+/-0.125 χ^2/NDF : 3159068.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -438.499+/-634.956 χ^2/NDF : 7.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 238.457+/-566.775 χ^2/NDF : 16.8/13

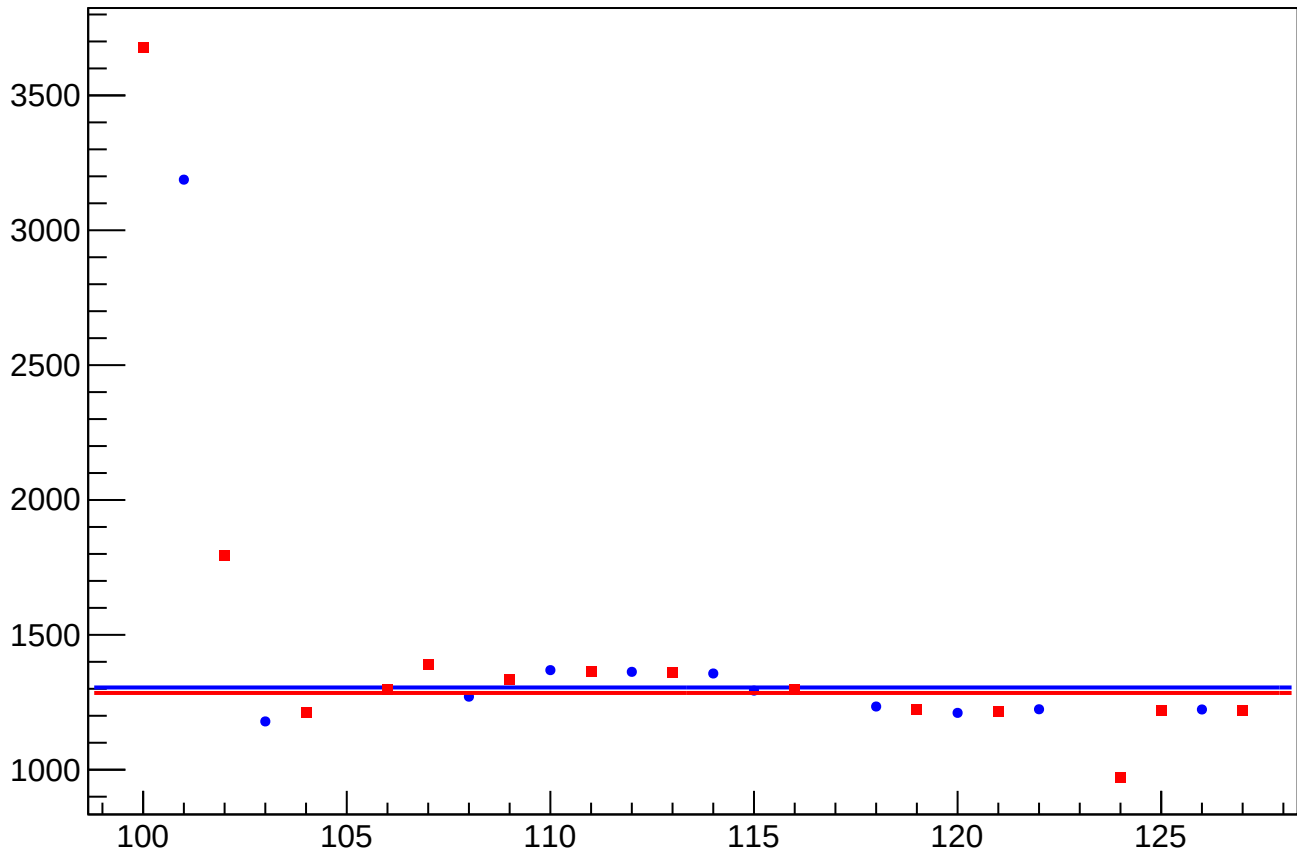
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -61.737+/-422.828 χ^2/NDF : 25.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1304.943+/-0.449 χ^2/NDF : 490054.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1284.573+/-0.401 χ^2/NDF : 191272.9/13

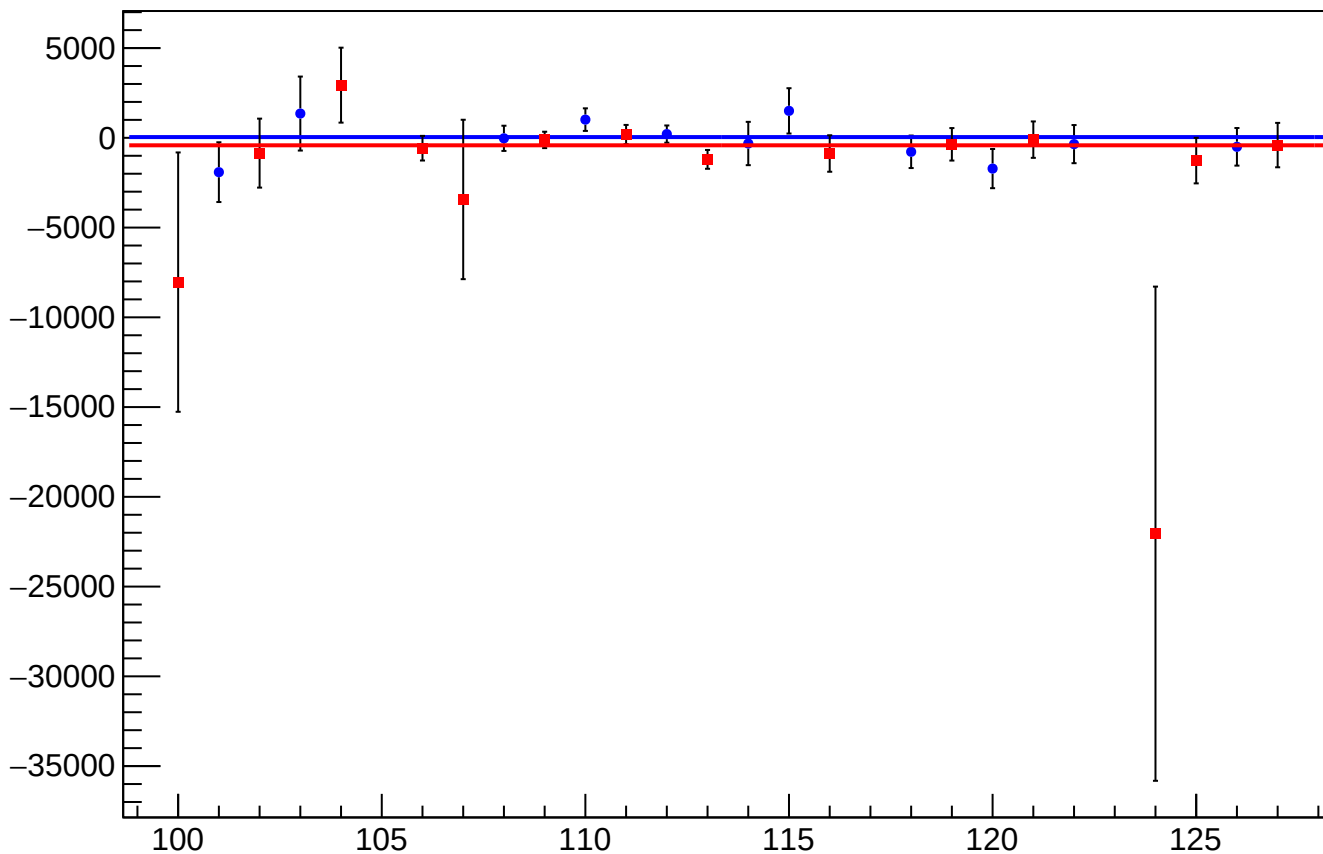
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1293.606+/-0.299 χ^2/NDF : 682472.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_mean vs Slug



Right In: 41.676 $\pm$ 261.064 χ^2 /NDF: 9.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -416.691 $\pm$ 228.968 χ^2 /NDF: 11.4/13

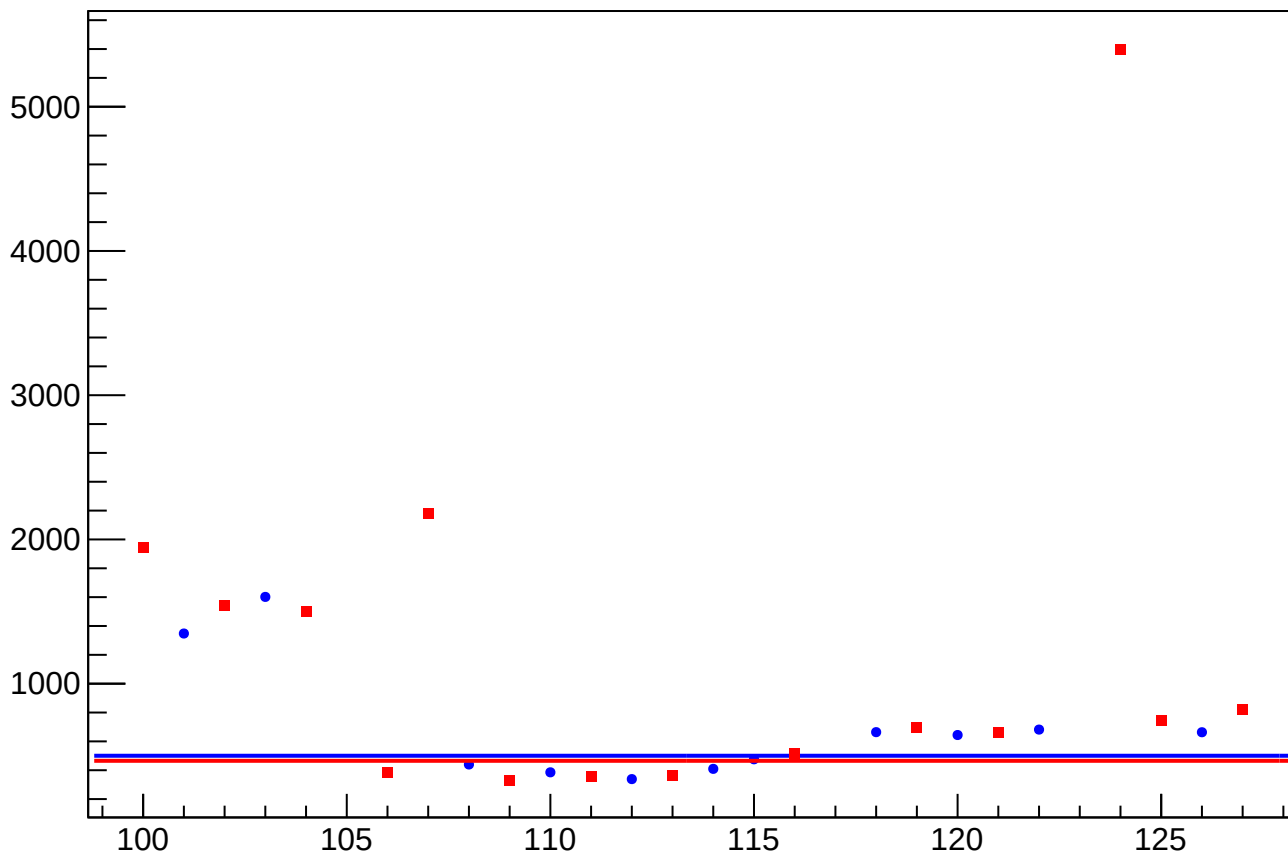
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -217.401 $\pm$ 172.140 χ^2 /NDF: 22.7/24

- 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: 500.393+/-0.185 χ^2/NDF : 1617982.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 465.370+/-0.162 χ^2/NDF : 2604992.3/13

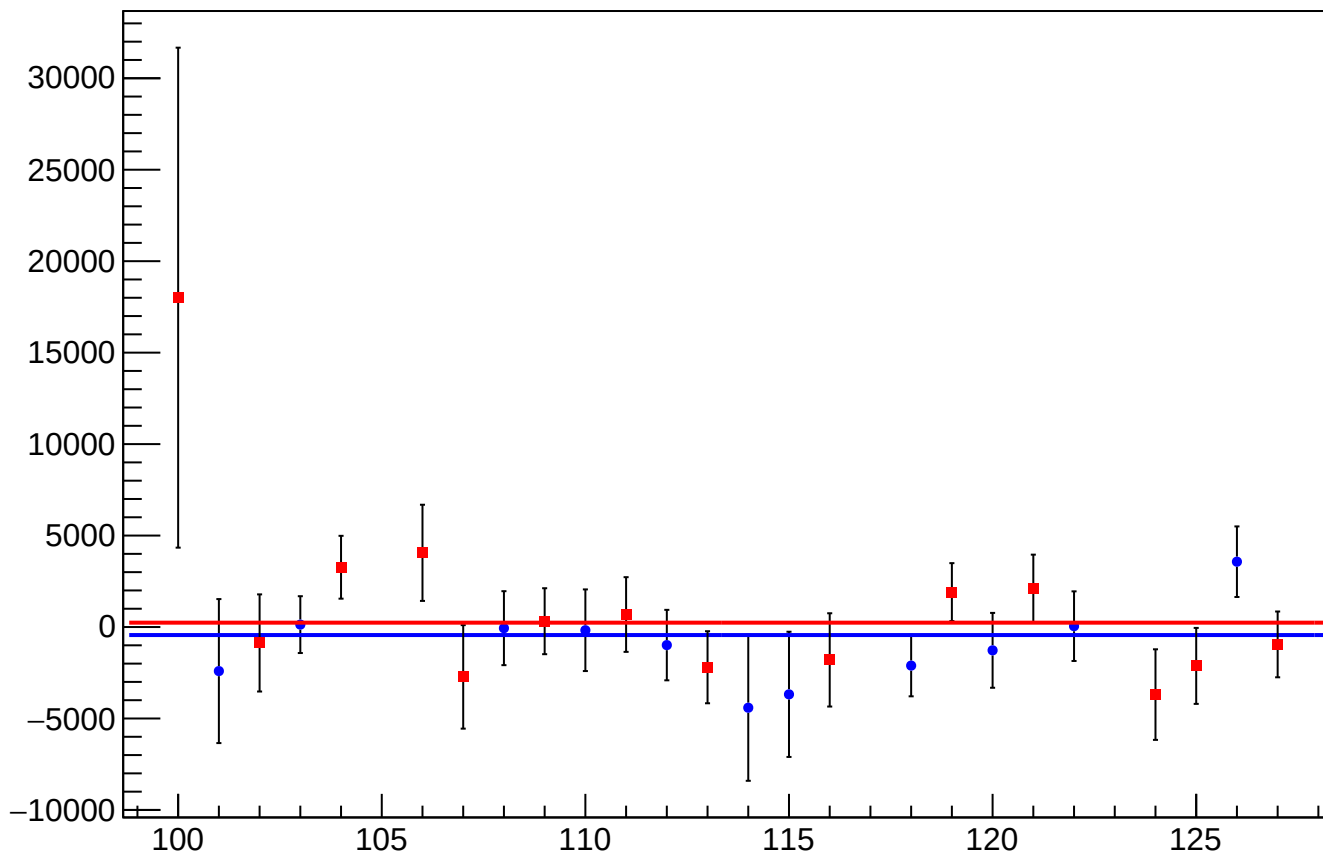
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 480.597+/-0.122 χ^2/NDF : 4243320.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -438.498+/-634.956 χ^2/NDF : 7.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 238.456+/-566.775 χ^2/NDF : 16.8/13

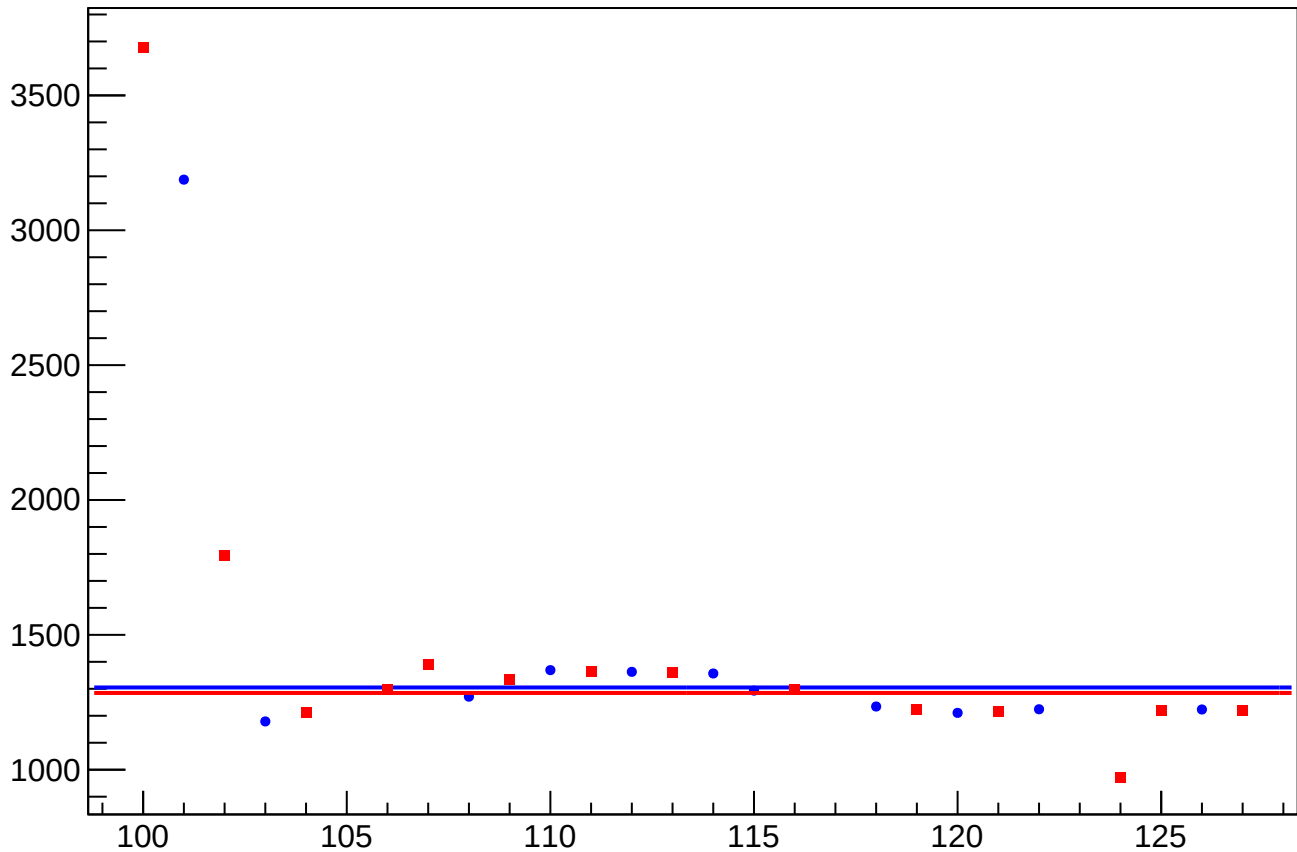
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -61.737+/-422.828 χ^2/NDF : 25.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1304.943+/-0.449 χ^2/NDF : 490054.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1284.573+/-0.401 χ^2/NDF : 191273.2/13

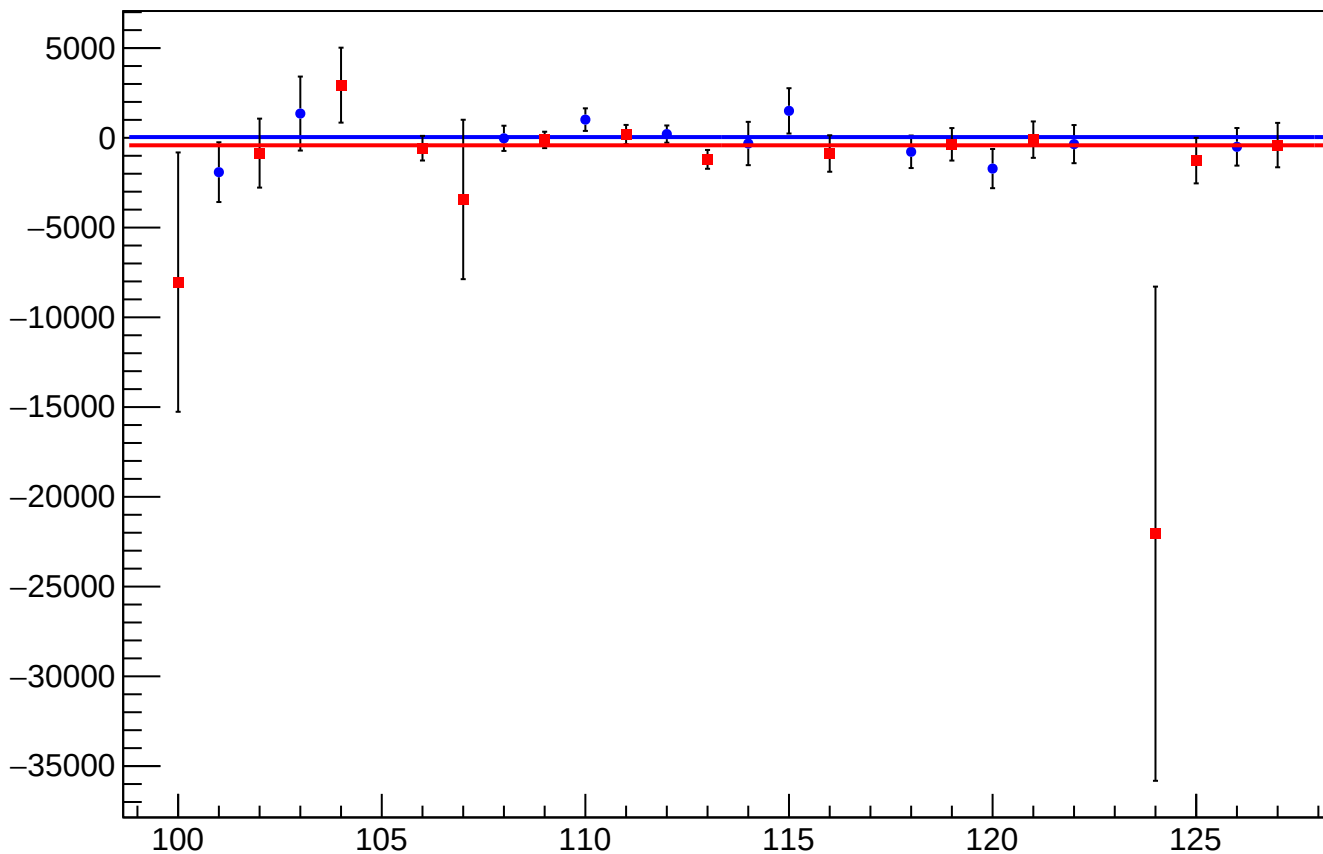
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1293.606+/-0.299 χ^2/NDF : 682473.0/24

- 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: 41.676 $\pm$ 261.062 χ^2 /NDF: 9.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -416.689 $\pm$ 228.967 χ^2 /NDF: 11.4/13

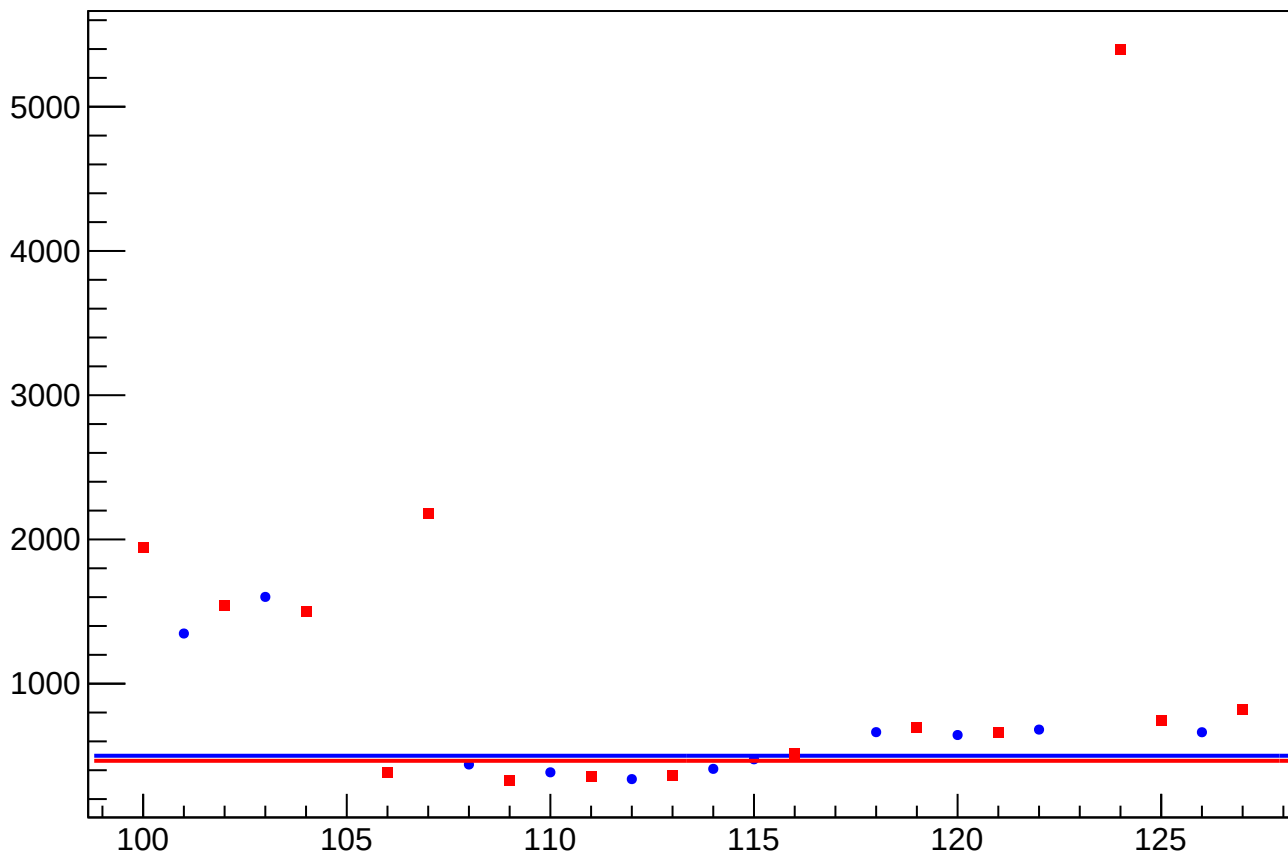
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -217.400 $\pm$ 172.140 χ^2 /NDF: 22.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_rms vs Slug



Right In: 500.390+/-0.185 χ^2/NDF : 1617988.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 465.368+/-0.162 χ^2/NDF : 2604999.5/13

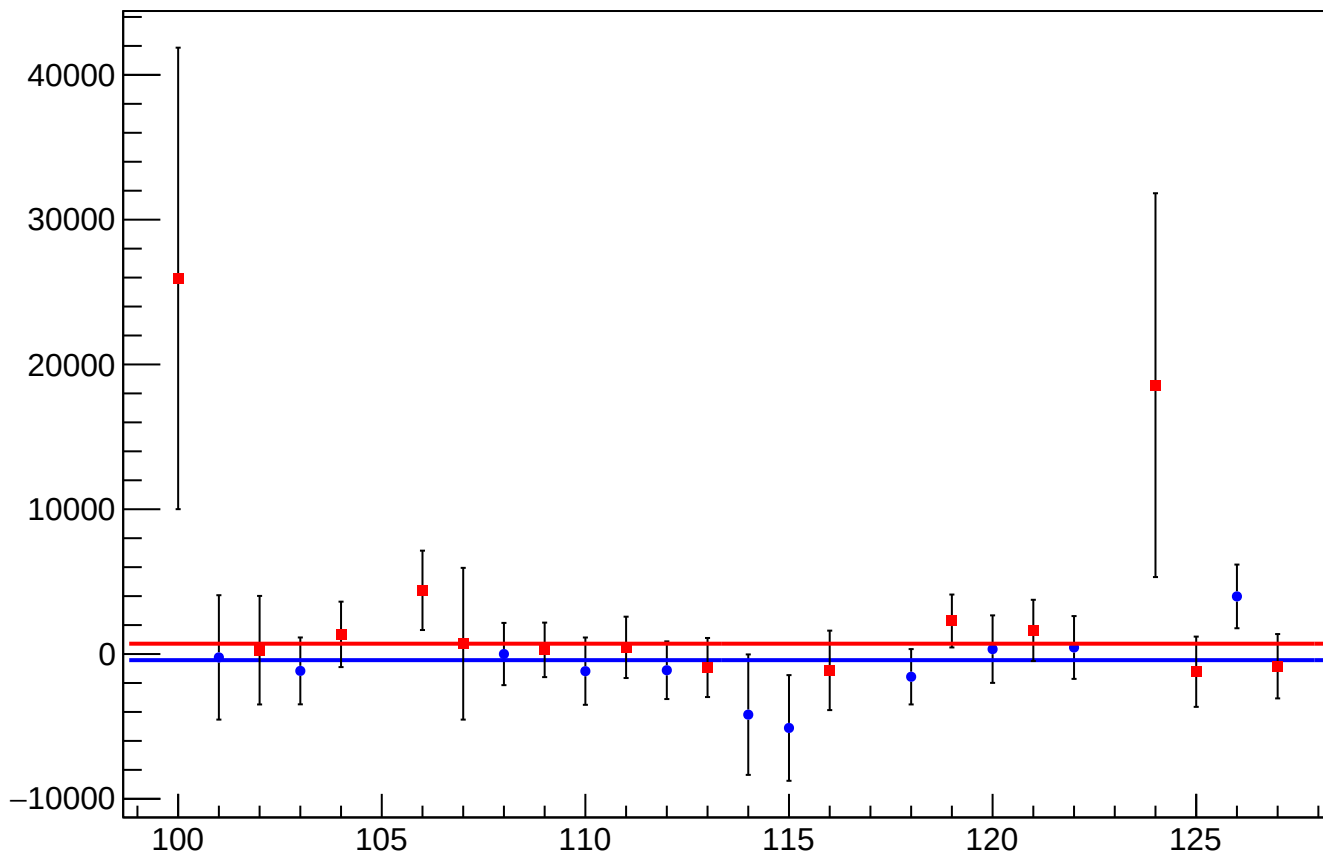
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 480.595+/-0.122 χ^2/NDF : 4243331.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -422.476+/-724.419 χ^2 /NDF: 7.5/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 713.952+/-671.151 χ^2 /NDF: 9.4/13

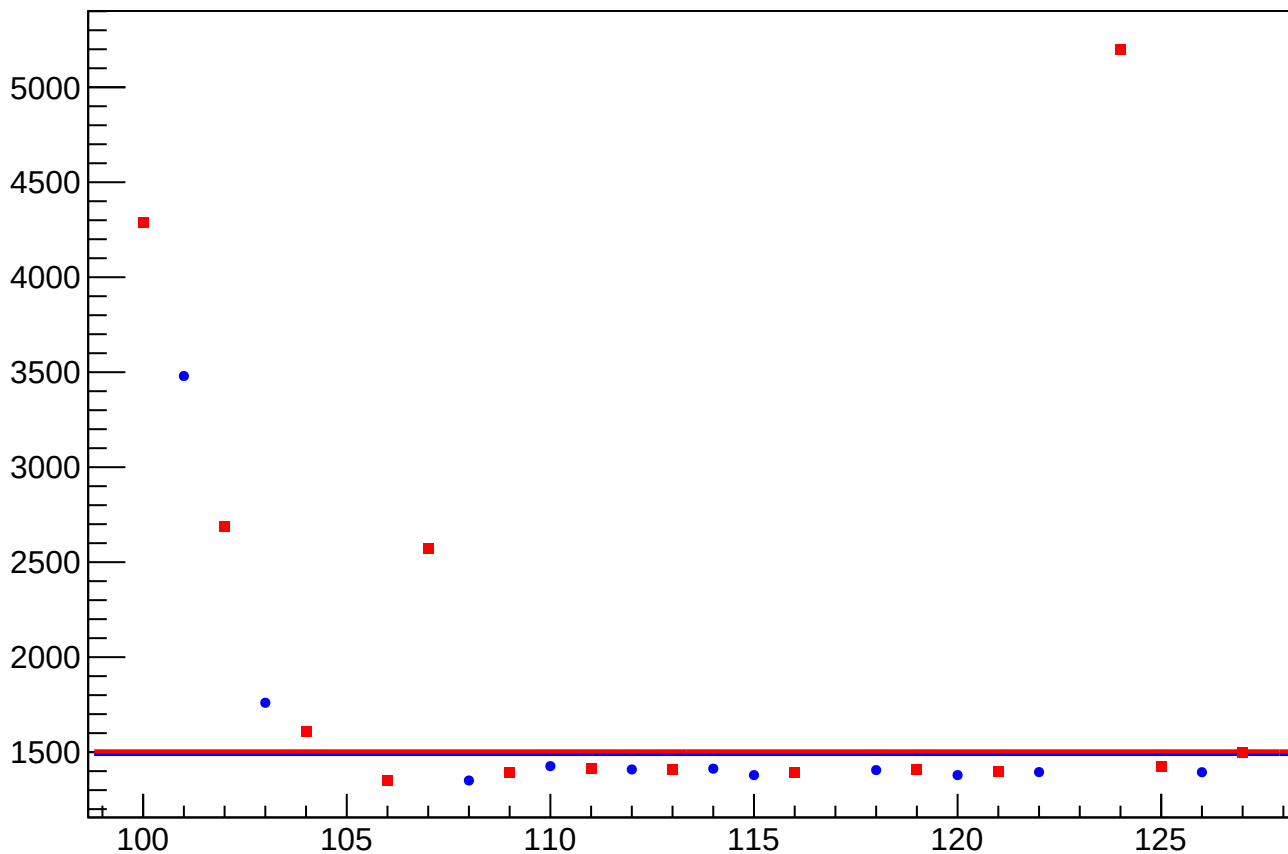
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 189.052+/-492.331 χ^2 /NDF: 18.2/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1489.908+/-0.512 χ^2/NDF : 488338.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

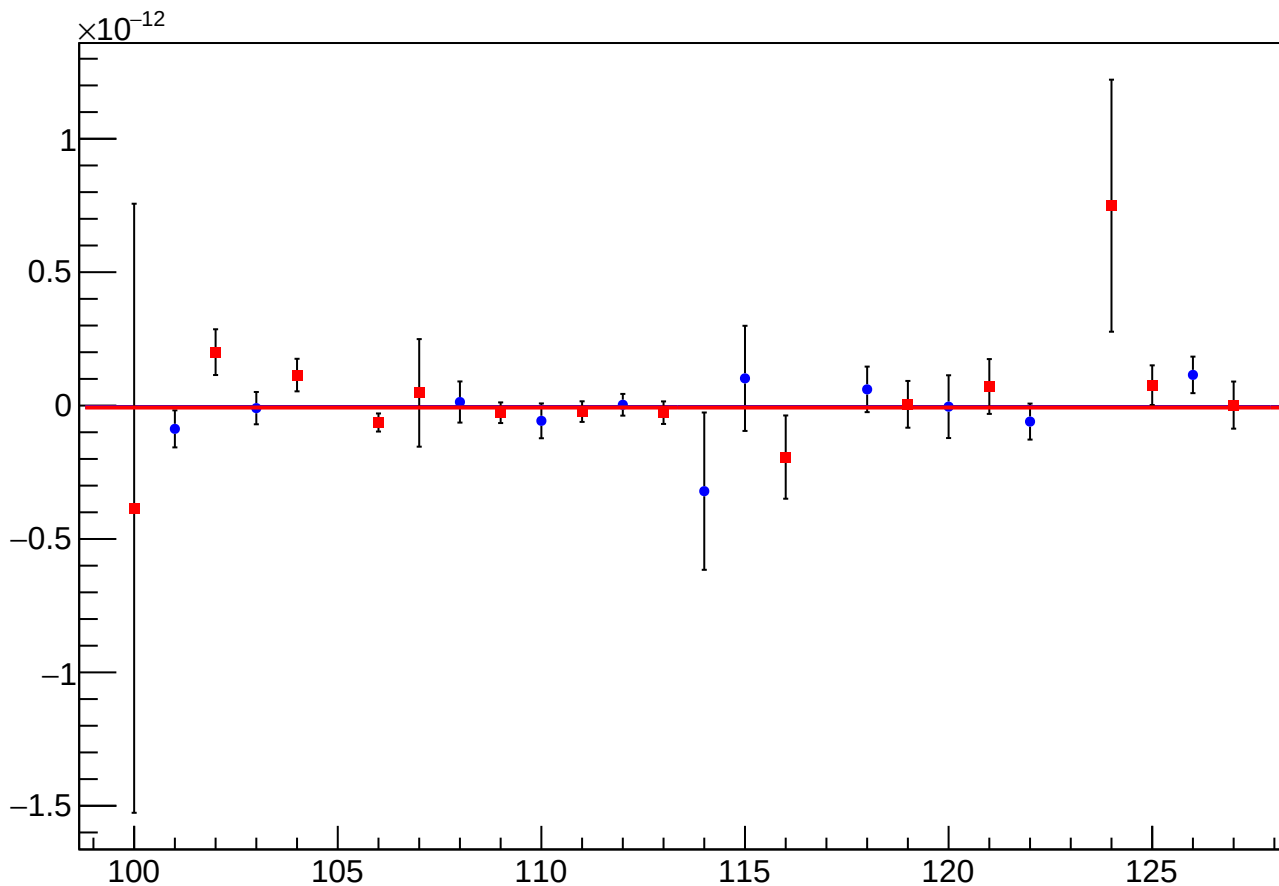
Right Out: 1504.488+/-0.475 χ^2/NDF : 539632.2/13

All: 1497.754+/-0.348 χ^2/NDF : 1028406.8/24

- 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_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 7.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 19.3/13

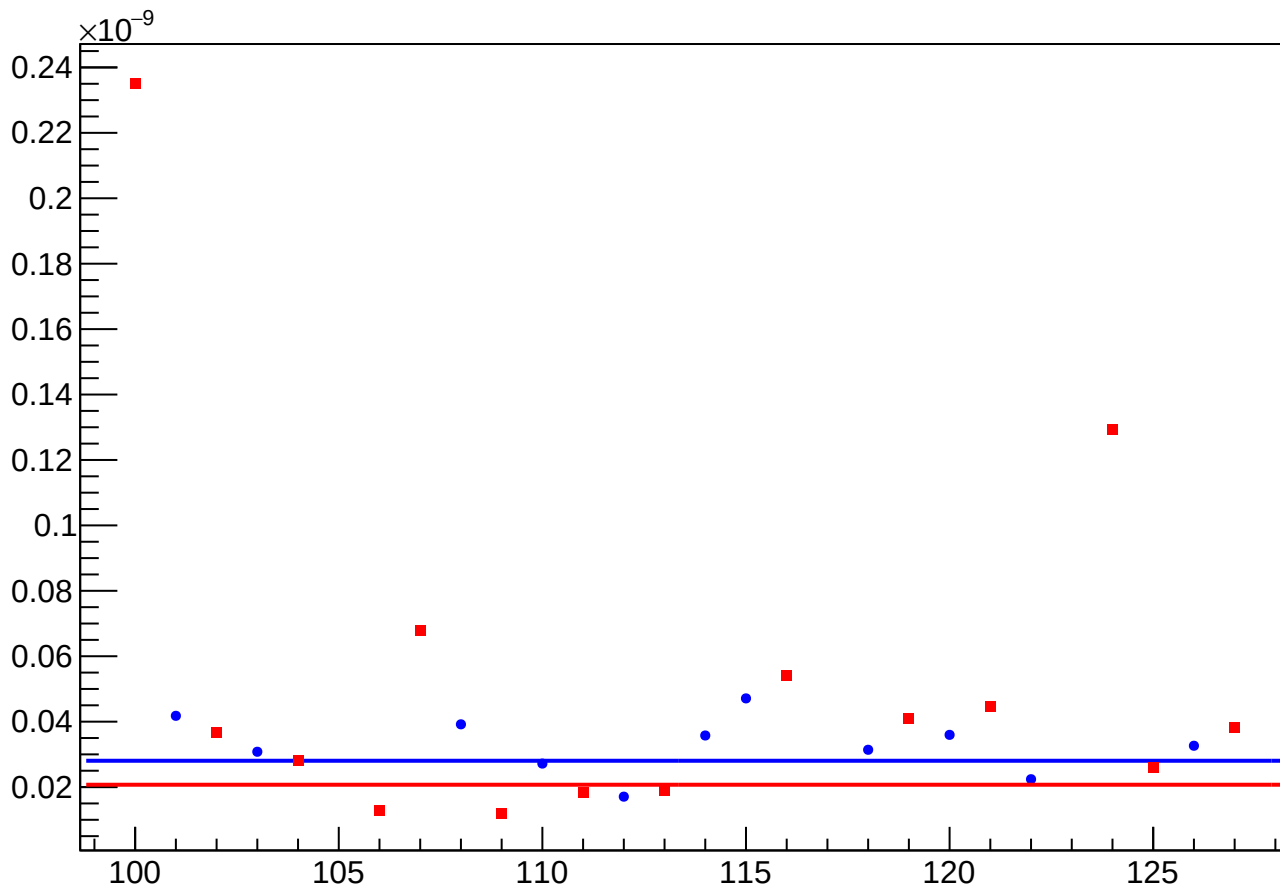
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 27.2/24

- sign 0.000 $\pm$ 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+/-0.000 χ^2/NDF : 325124.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1006156.9/13

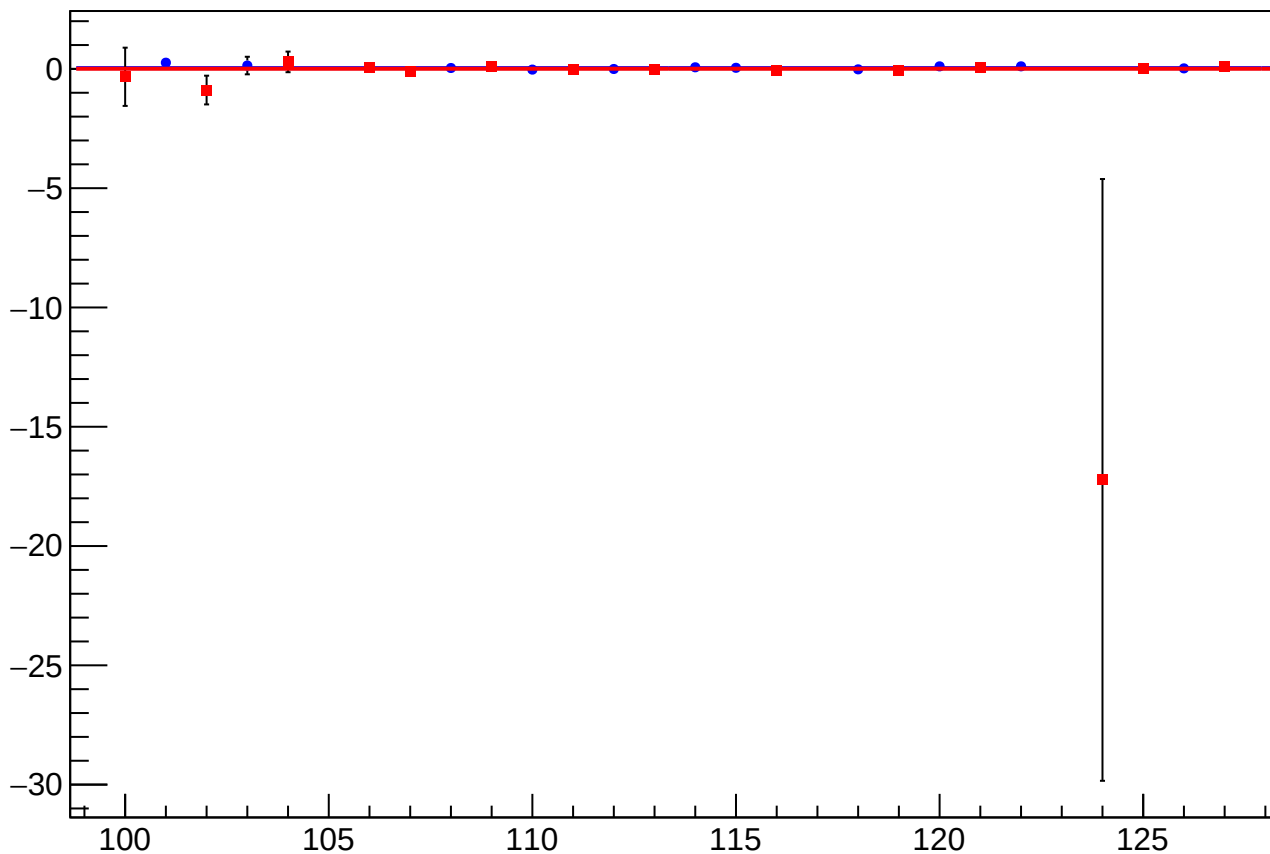
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1479291.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.032 $\pm$ 0.020 χ^2 /NDF: 8.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.007 $\pm$ 0.020 χ^2 /NDF: 14.7/13

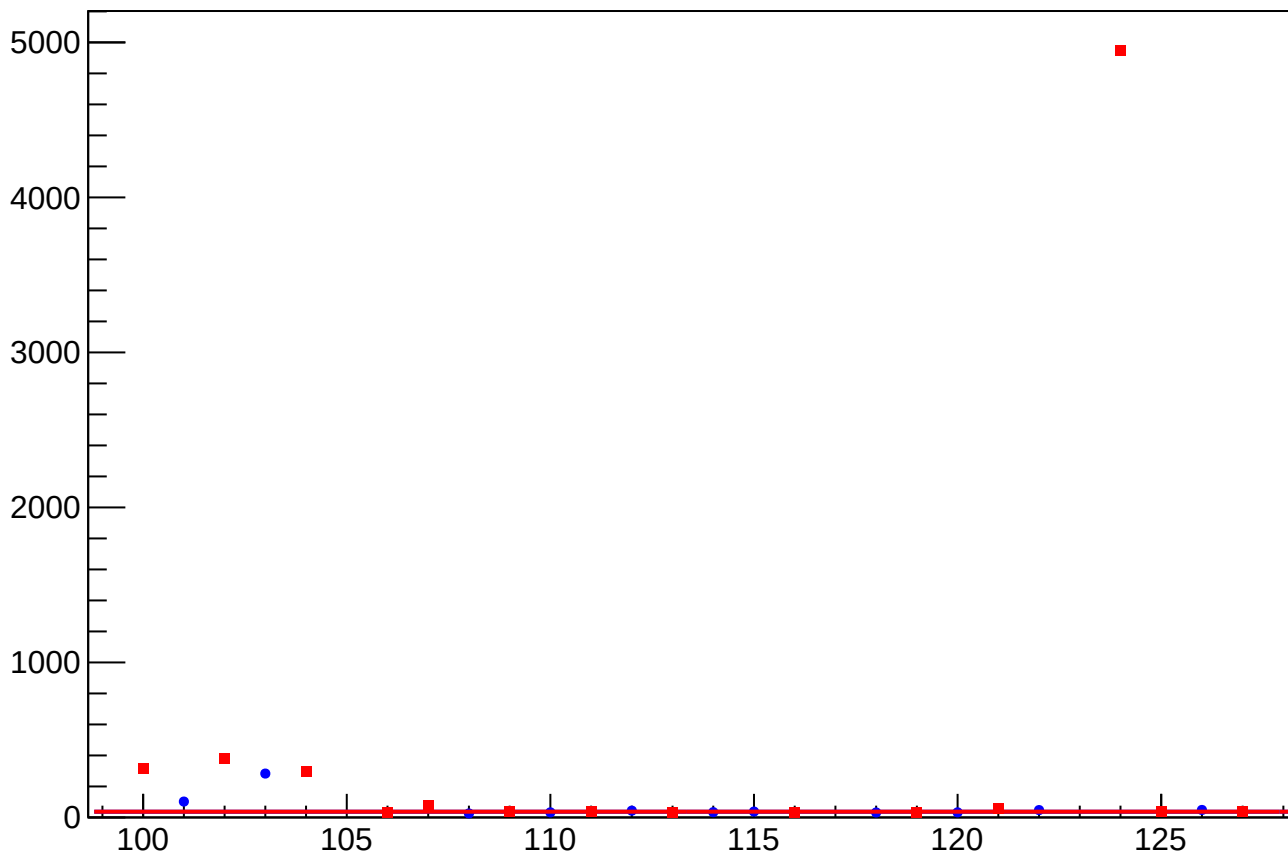
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.019 $\pm$ 0.014 χ^2 /NDF: 23.9/24

- 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: 36.807 $\pm$ 0.014 χ^2 /NDF: 1635078.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 37.316 $\pm$ 0.014 χ^2 /NDF: 2060997.1/13

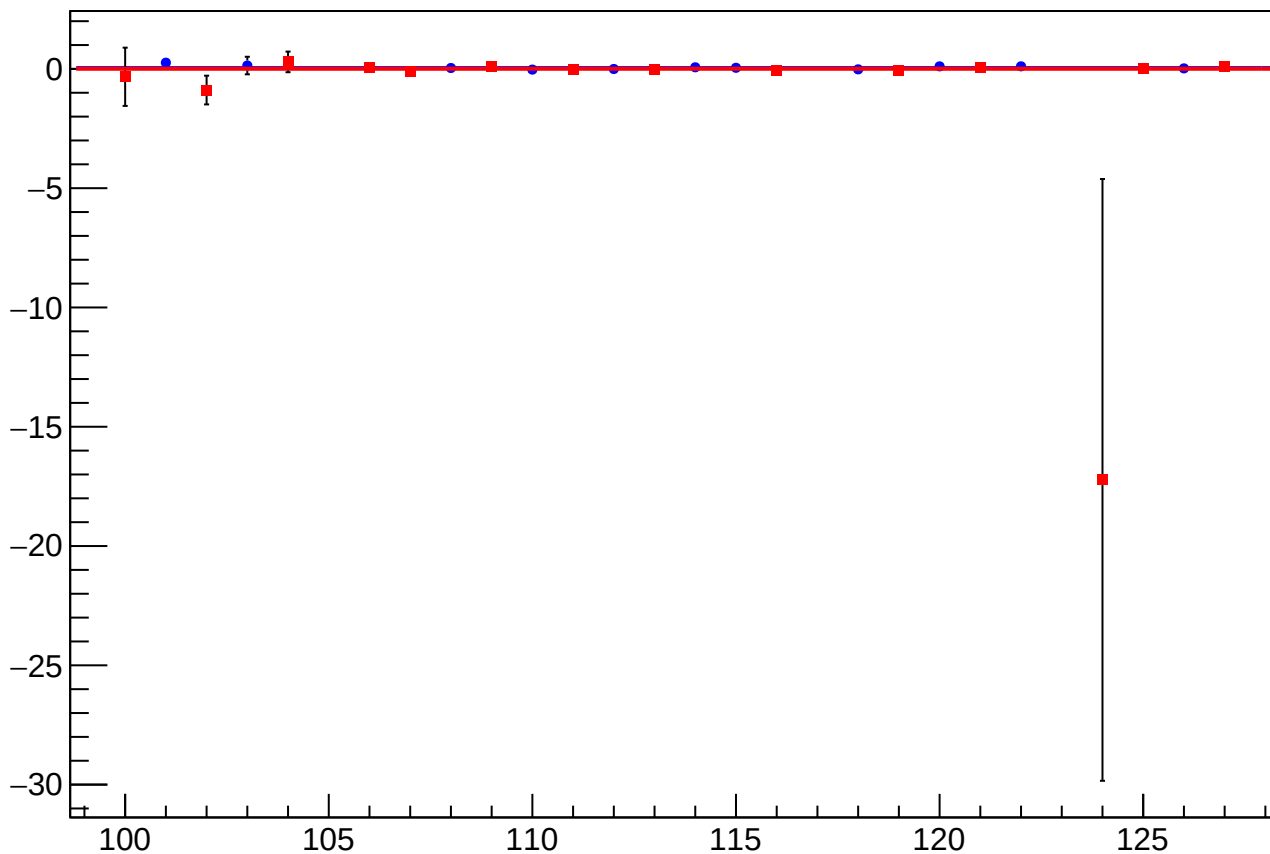
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 37.071 $\pm$ 0.010 χ^2 /NDF: 3696728.5/24

- 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: 0.032 $\pm$ 0.020 χ^2 /NDF: 8.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.007 $\pm$ 0.020 χ^2 /NDF: 14.7/13

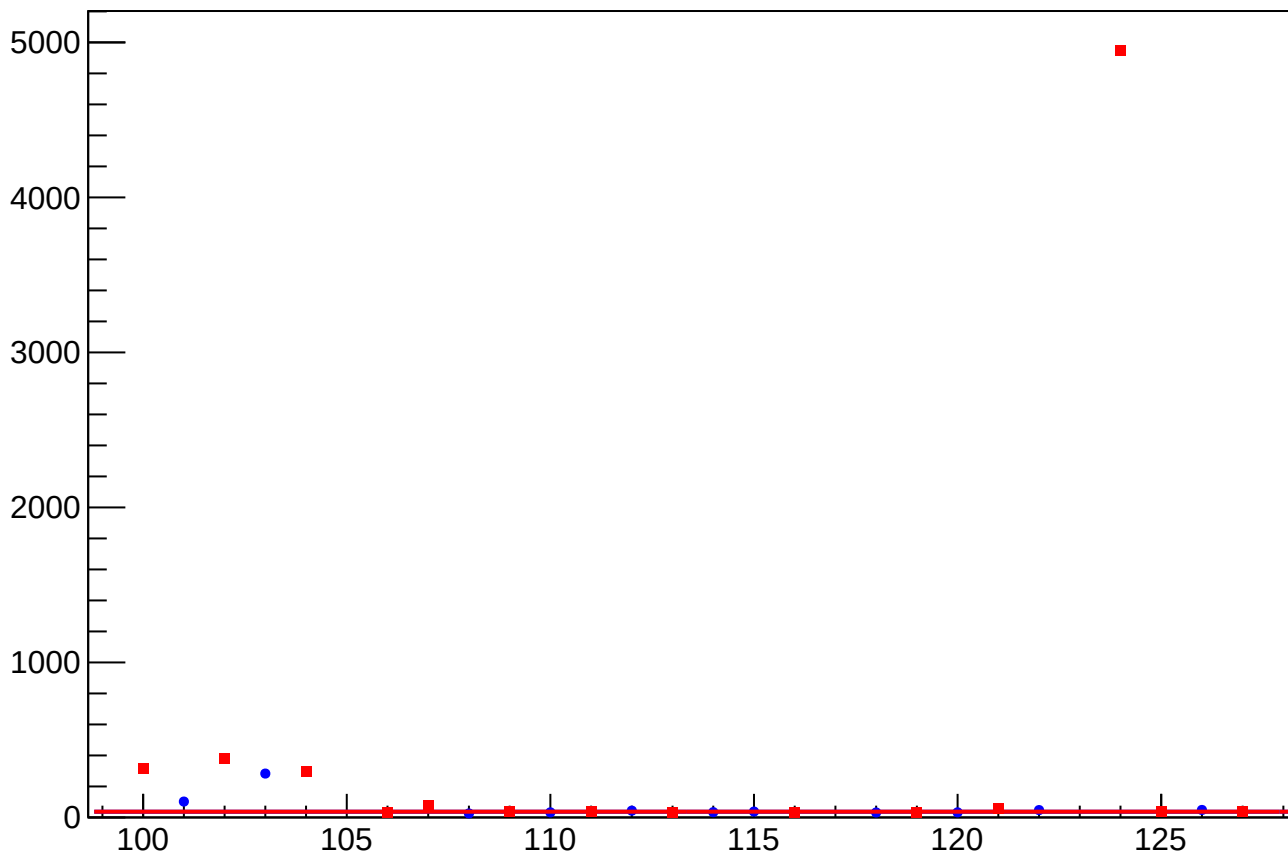
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.019 $\pm$ 0.014 χ^2 /NDF: 23.9/24

- 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: 36.807+/-0.014 χ^2/NDF : 1635078.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.316+/-0.014 χ^2/NDF : 2060997.1/13

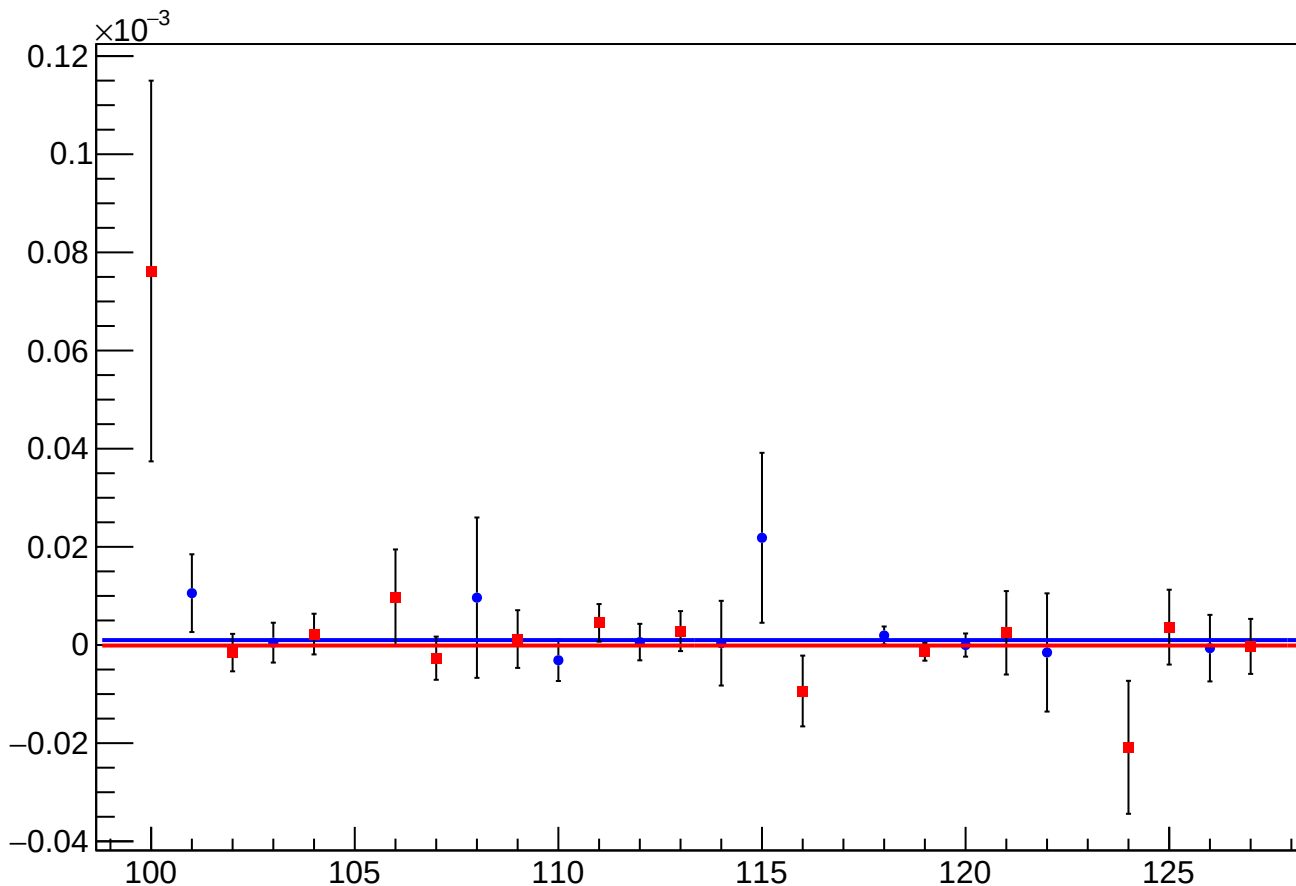
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.071+/-0.010 χ^2/NDF : 3696728.5/24

- sign 0.000+/-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: 4.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.5/13

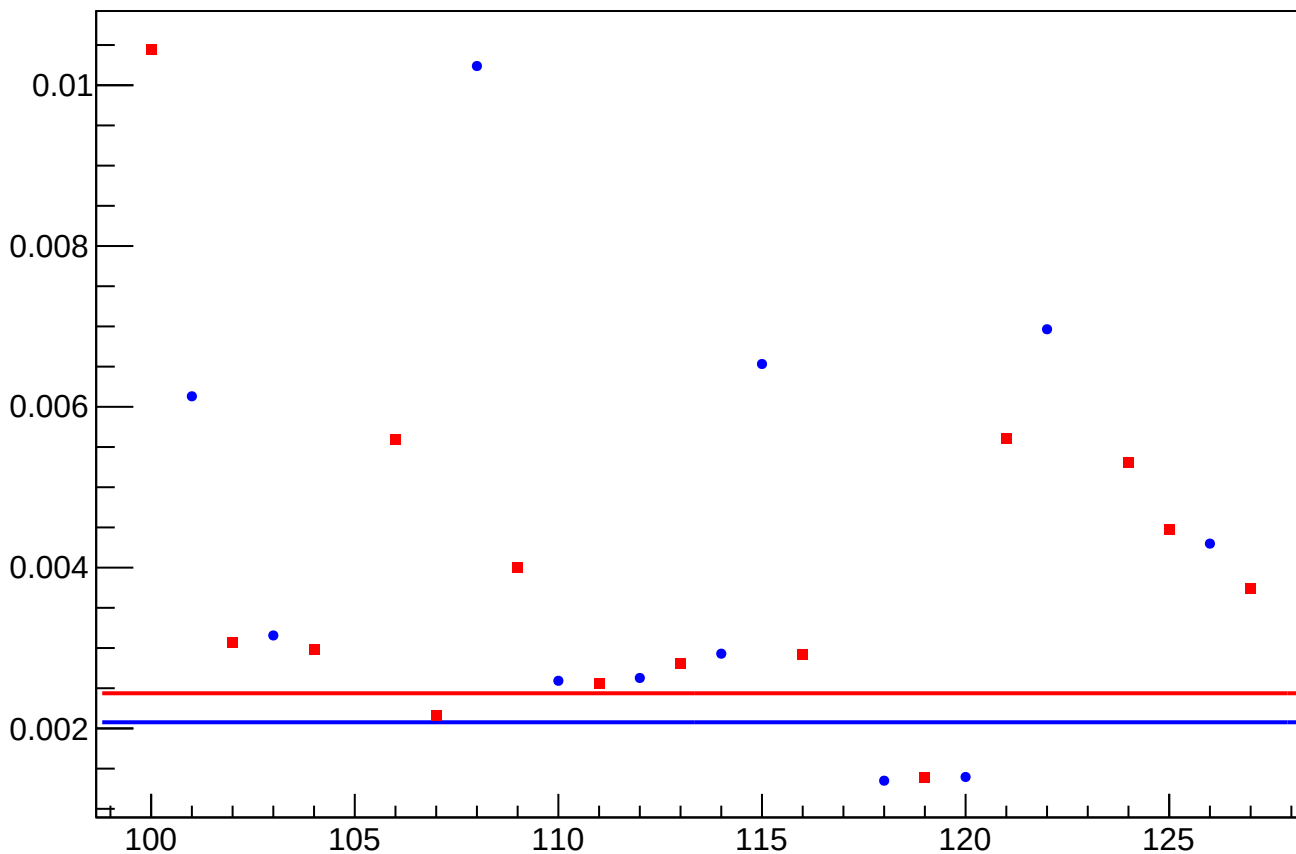
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.7/24

- 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 : 2413932.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1846032.4/13

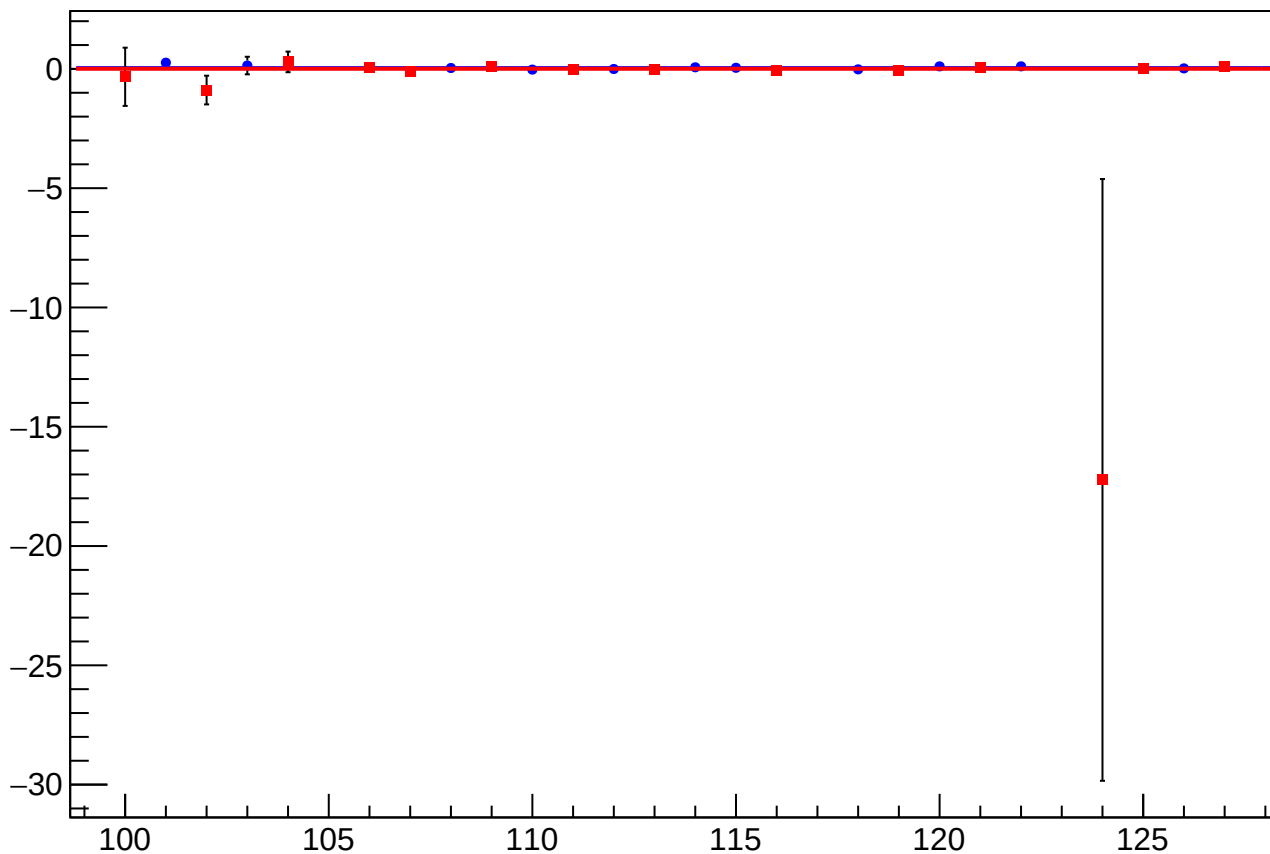
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4355674.5/24

- 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: 0.032 $\pm$ 0.020 χ^2 /NDF: 8.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.007 $\pm$ 0.020 χ^2 /NDF: 14.7/13

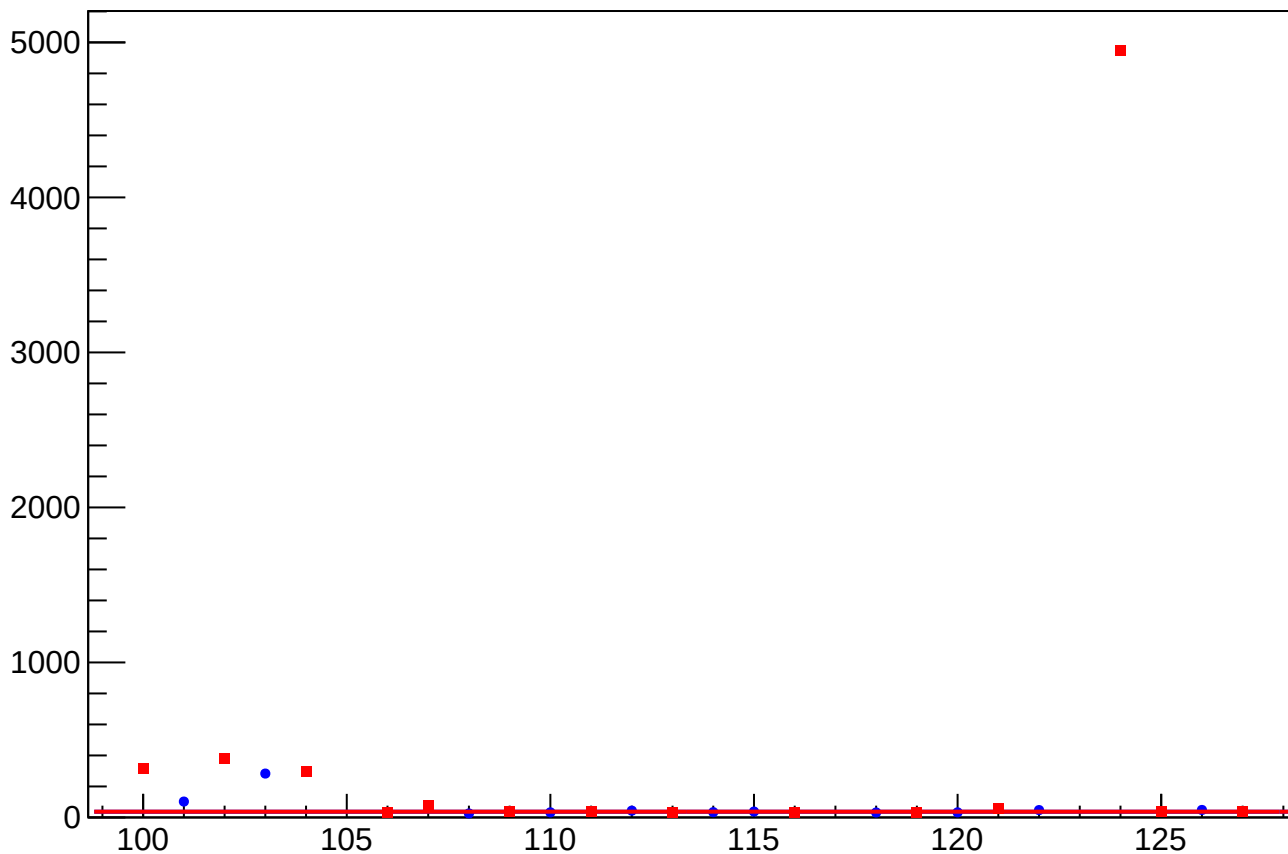
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.019 $\pm$ 0.014 χ^2 /NDF: 23.9/24

- 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: 36.808 $\pm$ 0.014 χ^2 /NDF: 1634995.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 37.316 $\pm$ 0.014 χ^2 /NDF: 2060997.2/13

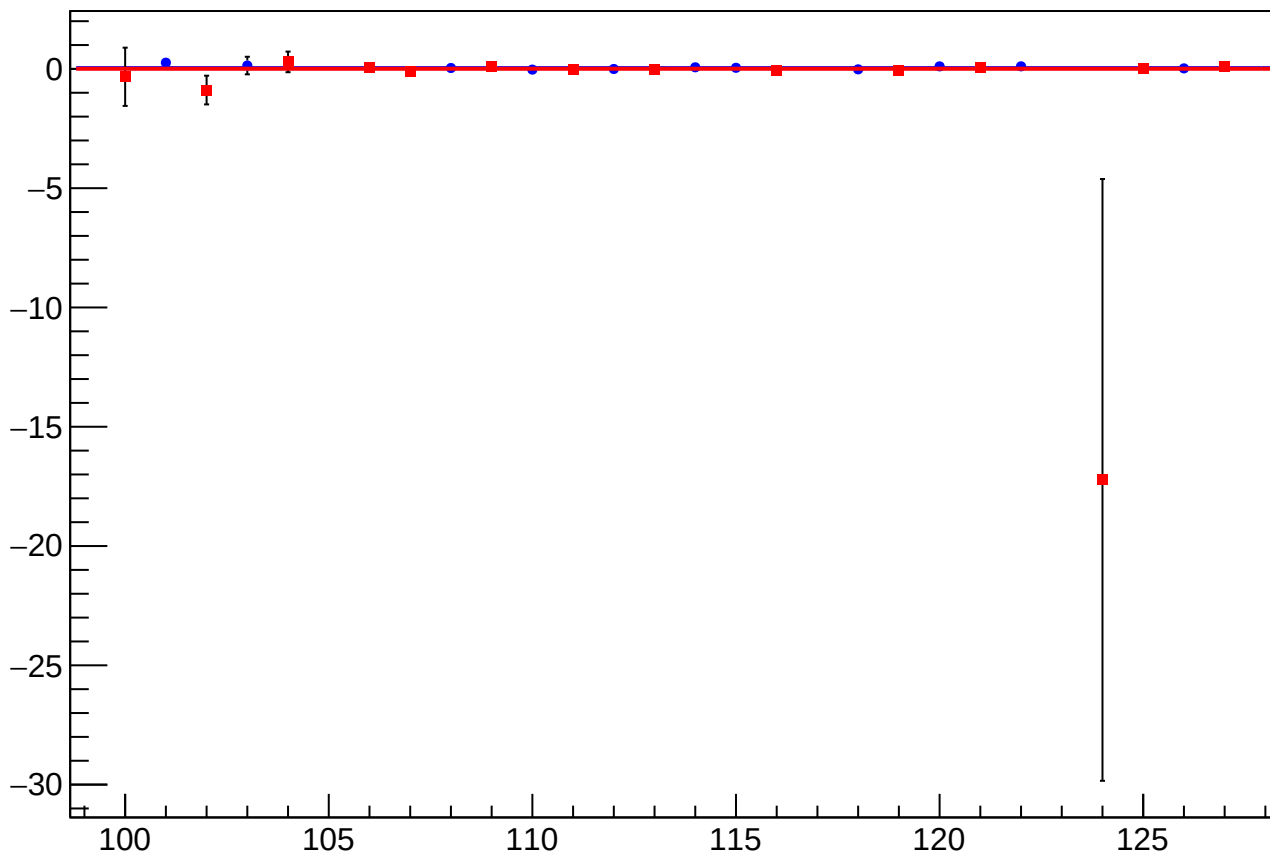
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 37.071 $\pm$ 0.010 χ^2 /NDF: 3696642.4/24

- 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: 0.032 $\pm$ 0.020 χ^2 /NDF: 8.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.007 $\pm$ 0.020 χ^2 /NDF: 14.7/13

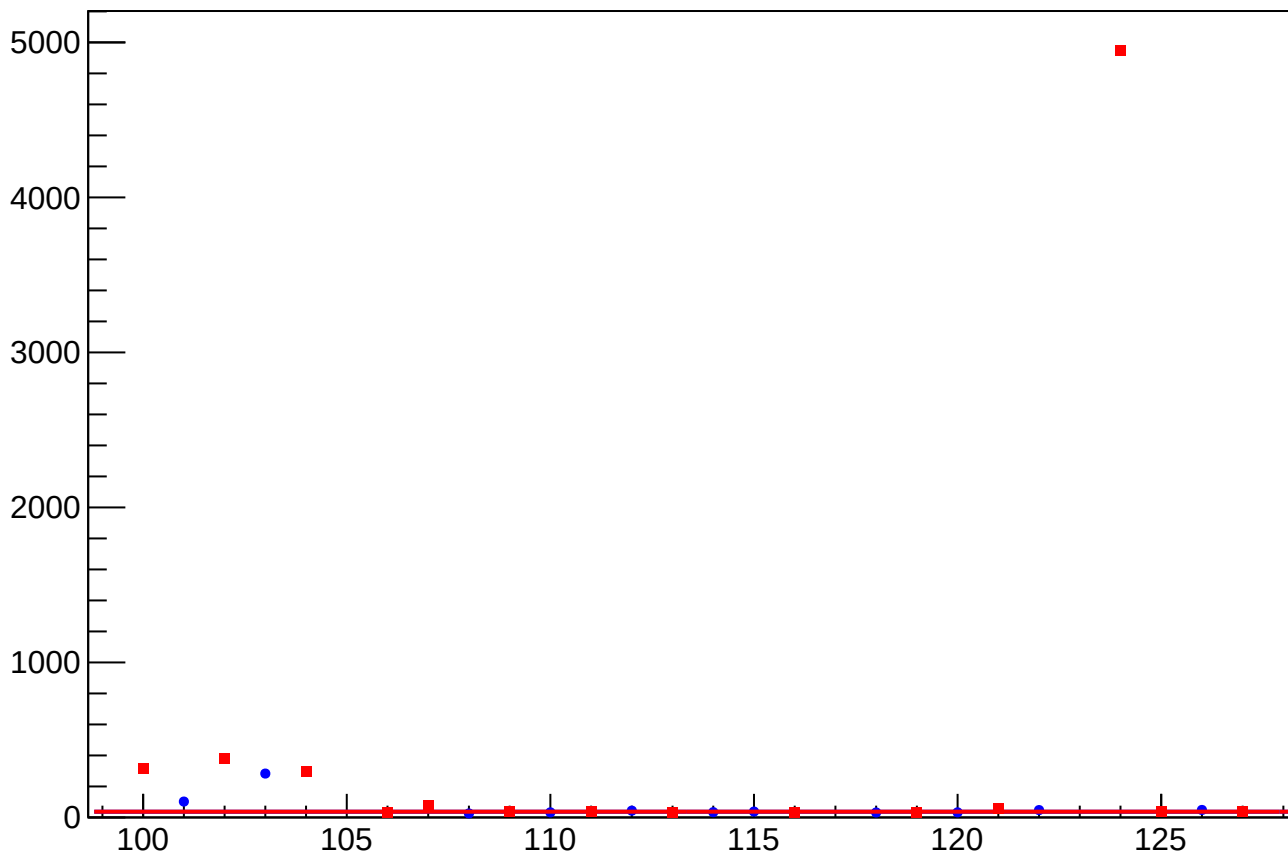
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.019 $\pm$ 0.014 χ^2 /NDF: 23.9/24

- 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: 36.808 $\pm$ 0.014 χ^2 /NDF: 1634995.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 37.316 $\pm$ 0.014 χ^2 /NDF: 2060997.2/13

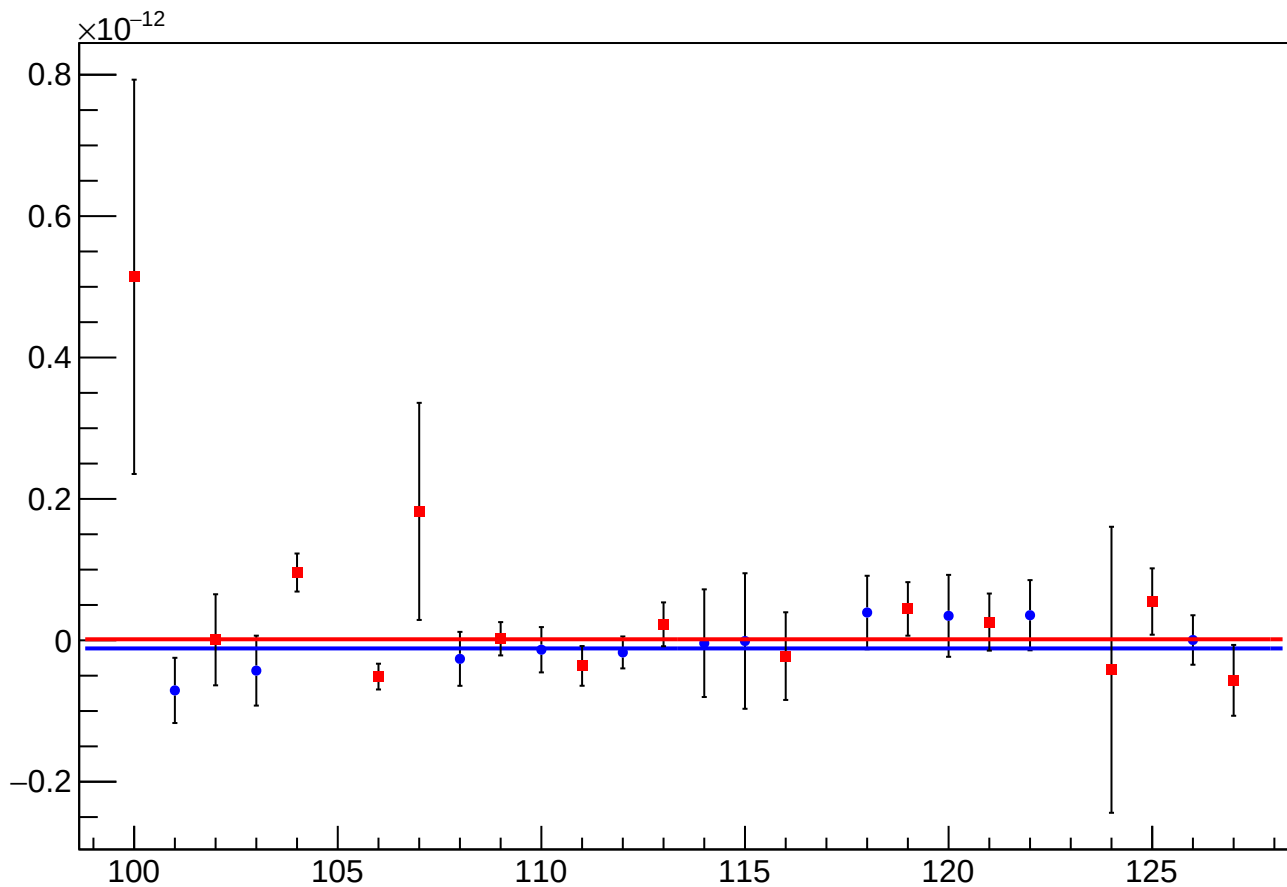
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 37.071 $\pm$ 0.010 χ^2 /NDF: 3696642.4/24

- 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 : 4.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 32.2/13

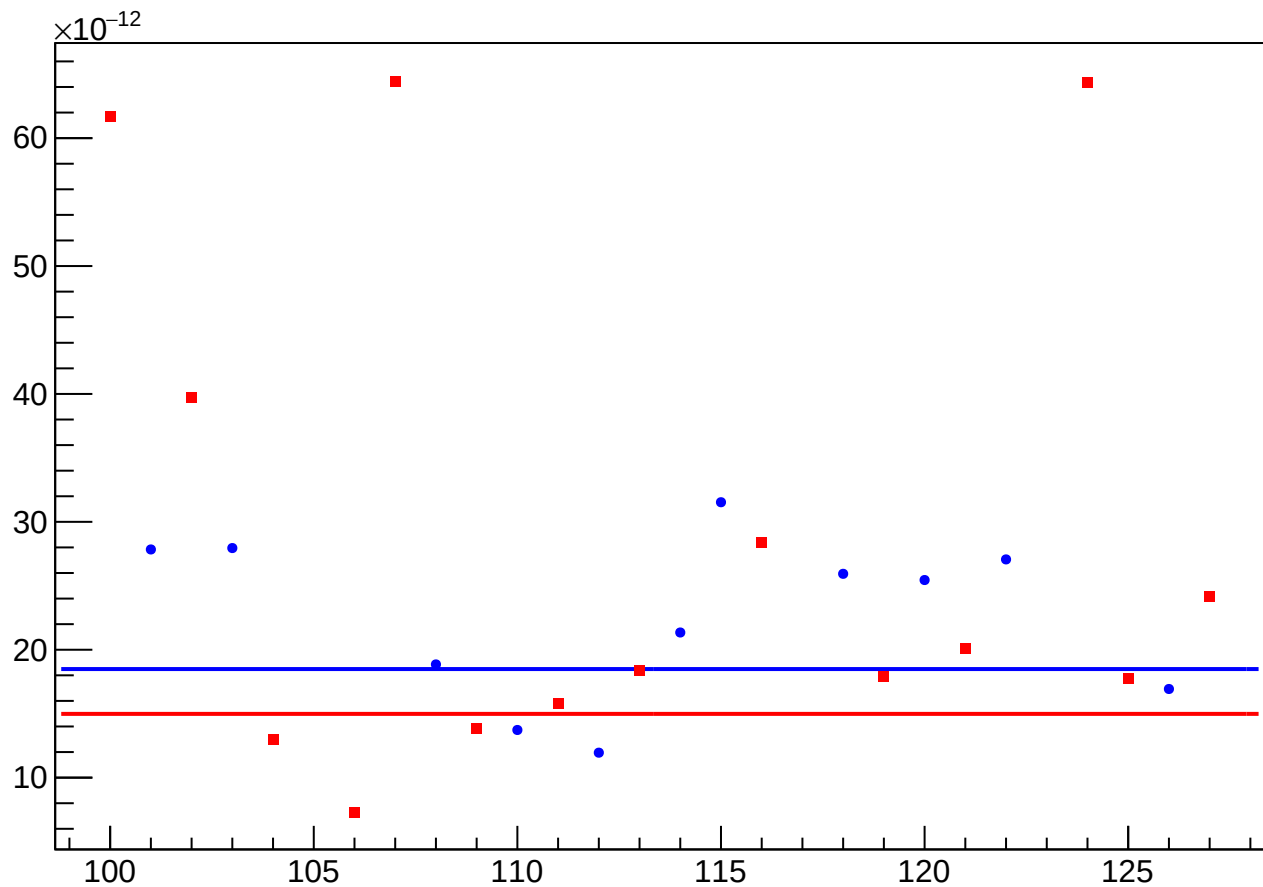
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 37.8/24

- 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 : 540825.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1290987.3/13

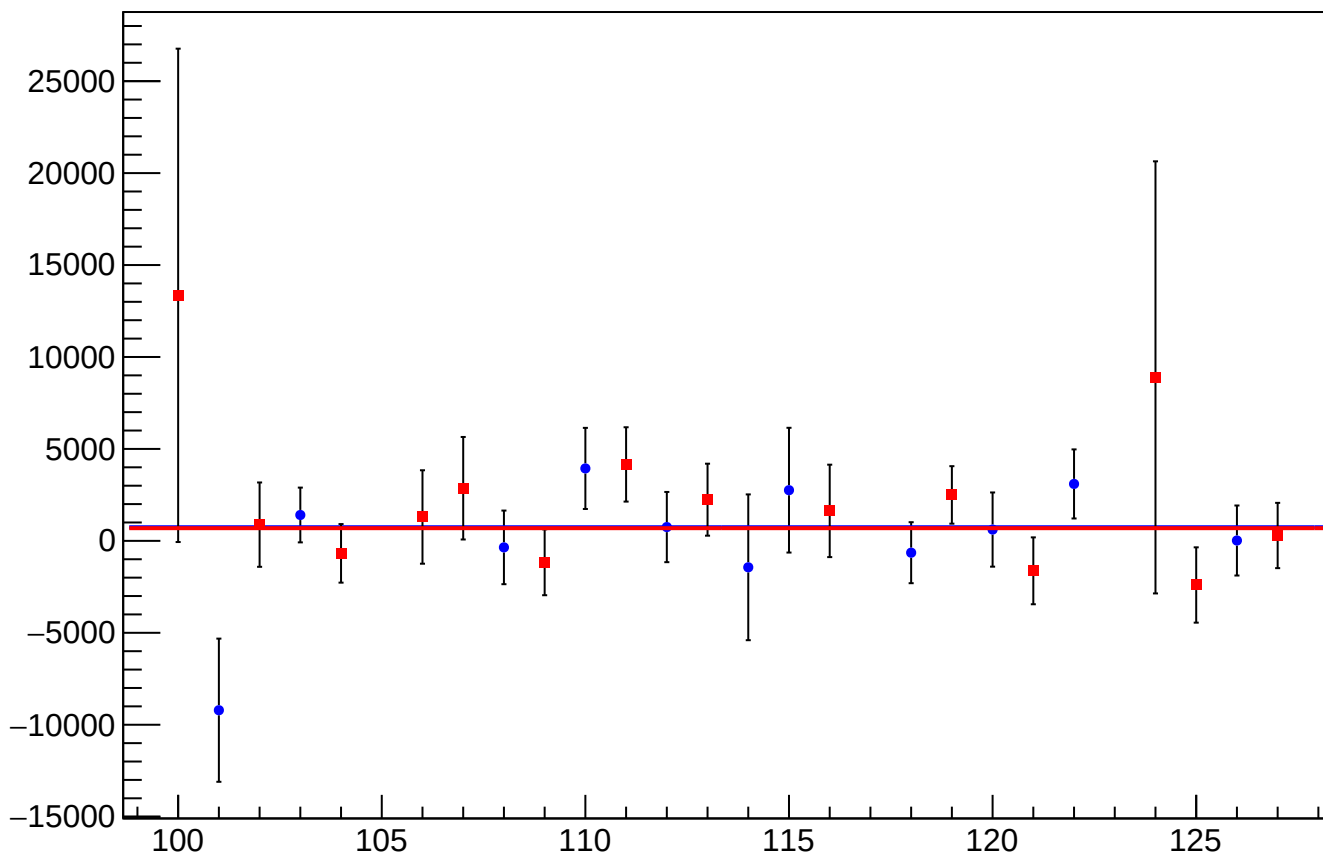
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1934695.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: 741.592+/-624.353 χ^2/NDF : 12.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 690.040+/-565.806 χ^2/NDF : 12.9/13

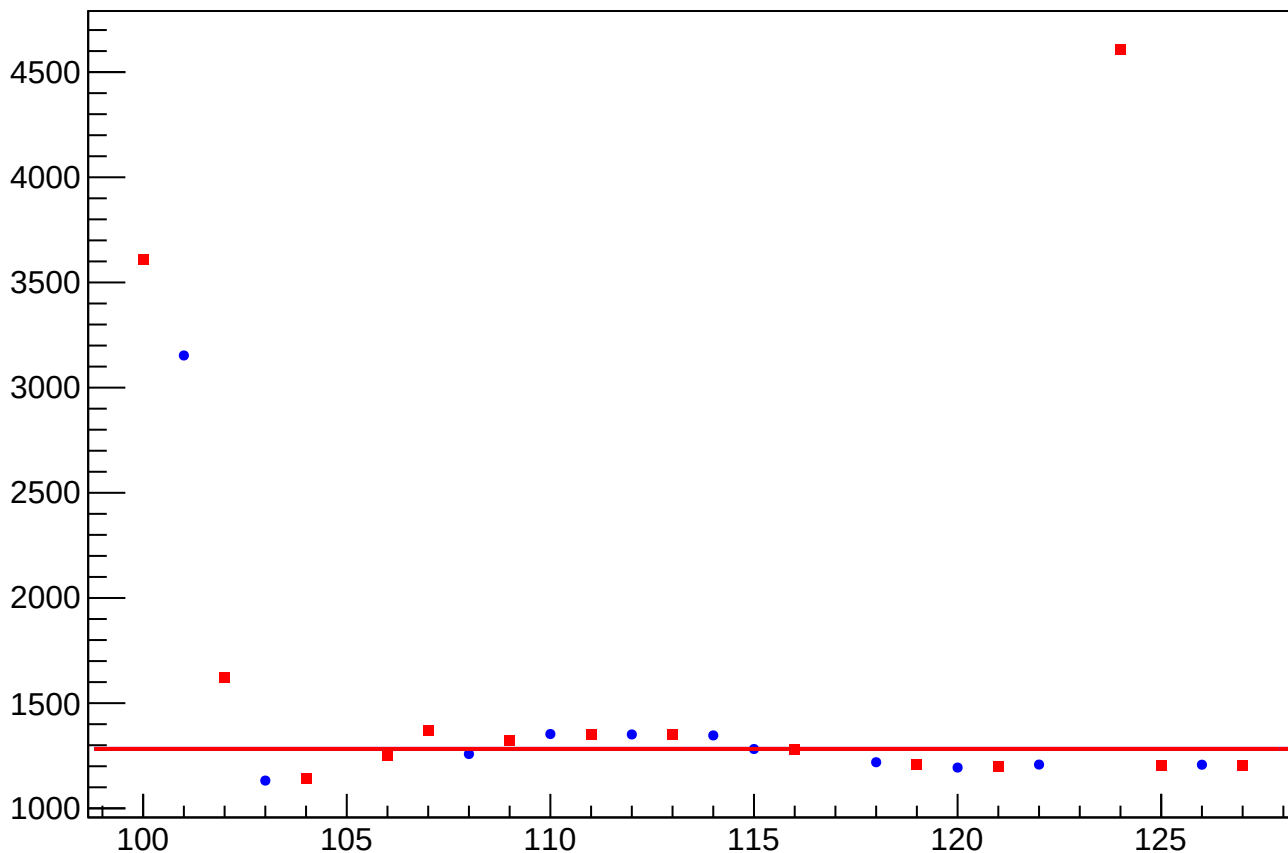
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 713.286+/-419.260 χ^2/NDF : 25.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1282.565+/-0.441 χ^2/NDF : 500595.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1282.424+/-0.400 χ^2/NDF : 304551.2/13

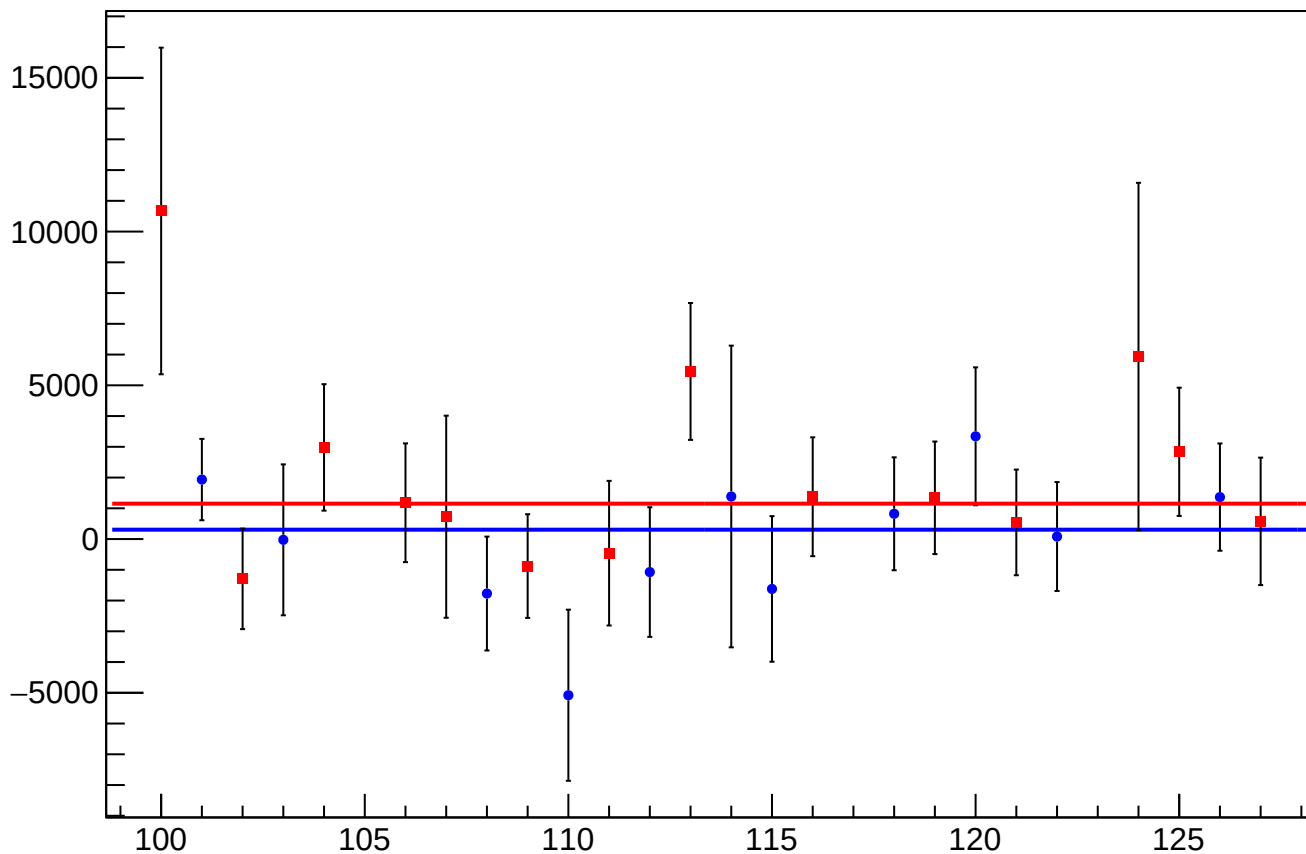
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1282.488+/-0.296 χ^2/NDF : 805146.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_reg_correction_mean vs Slug



Right In: 304.735+/-603.548 χ^2/NDF : 10.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1151.046+/-564.341 χ^2/NDF : 13.5/13

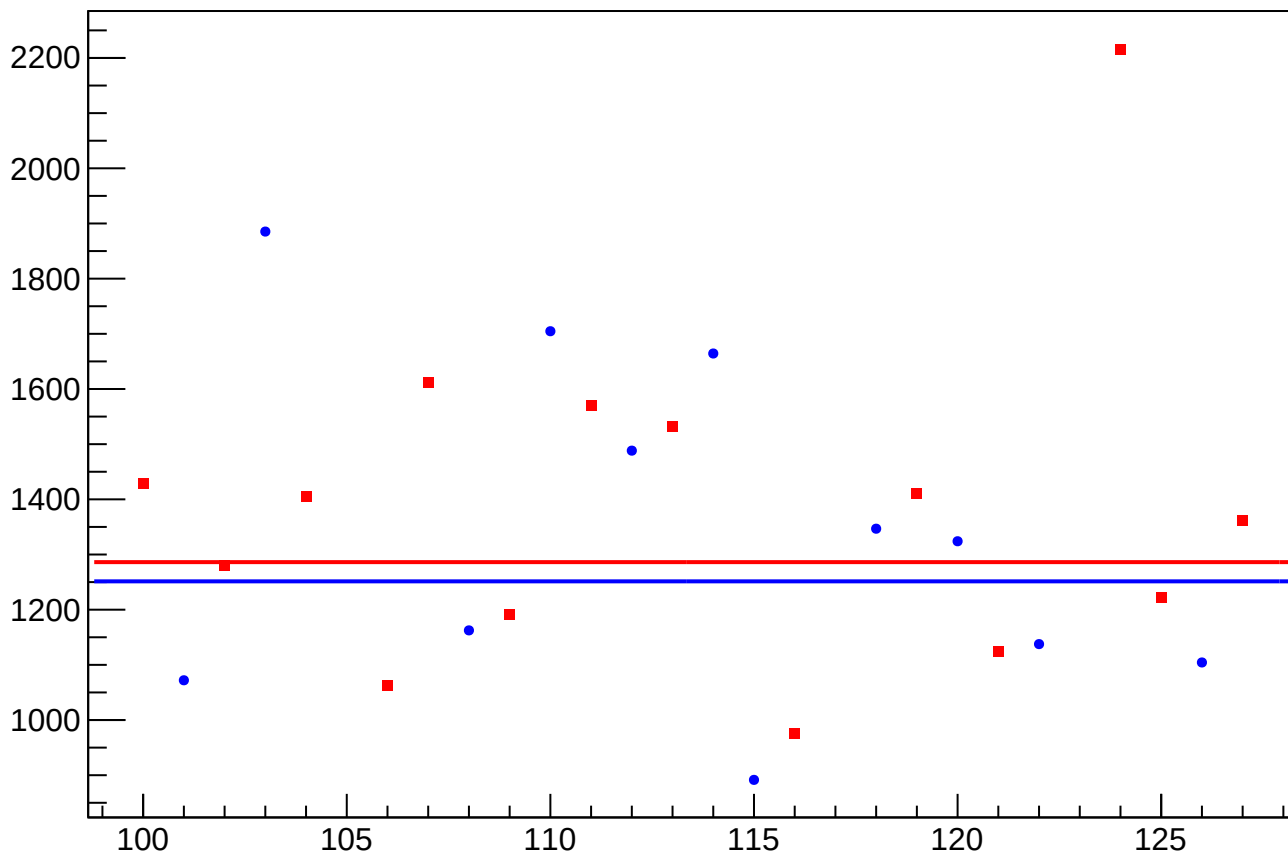
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 756.269+/-412.213 χ^2/NDF : 24.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_reg_correction_rms vs Slug



Right In: 1251.361+/-0.427 χ^2/NDF : 343408.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

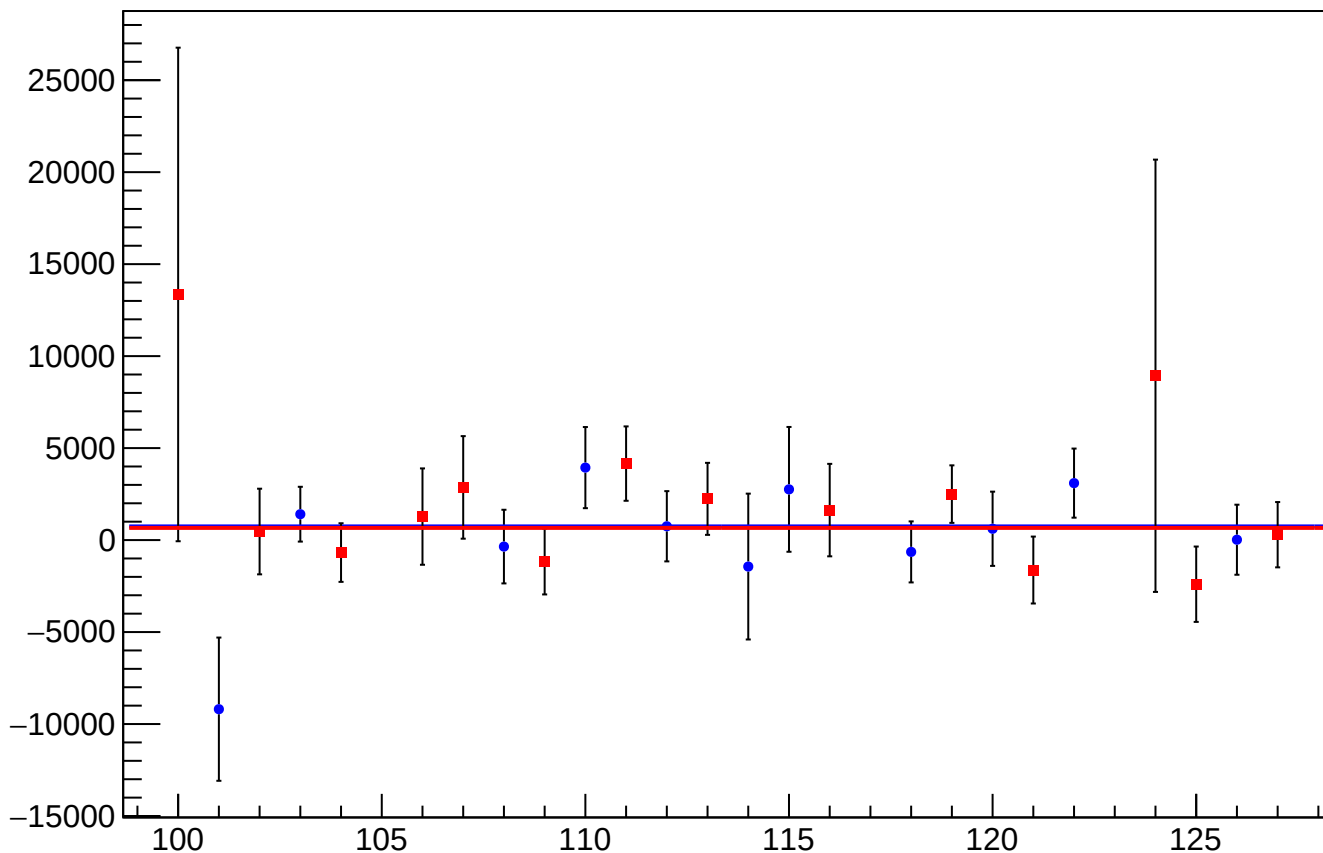
Right Out: 1286.199+/-0.399 χ^2/NDF : 251765.9/13

All: 1269.948+/-0.291 χ^2/NDF : 598729.7/24

- 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_at2_dd_avg_mean vs Slug



Right In: 742.047+/-624.354 χ^2/NDF : 12.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 662.440+/-567.142 χ^2/NDF : 12.9/13

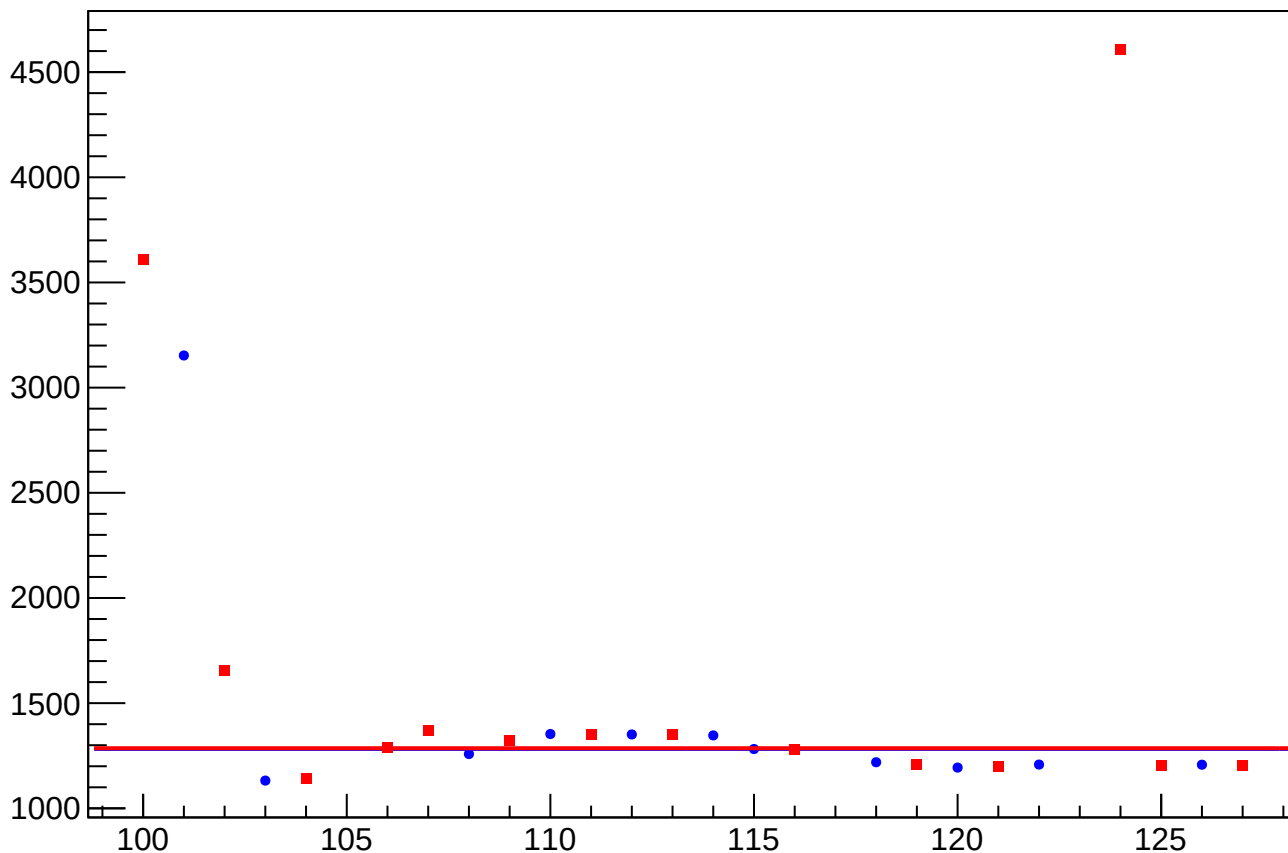
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 698.430+/-419.802 χ^2/NDF : 25.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1282.565+/-0.441 χ^2/NDF : 500596.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1285.603+/-0.401 χ^2/NDF : 311187.6/13

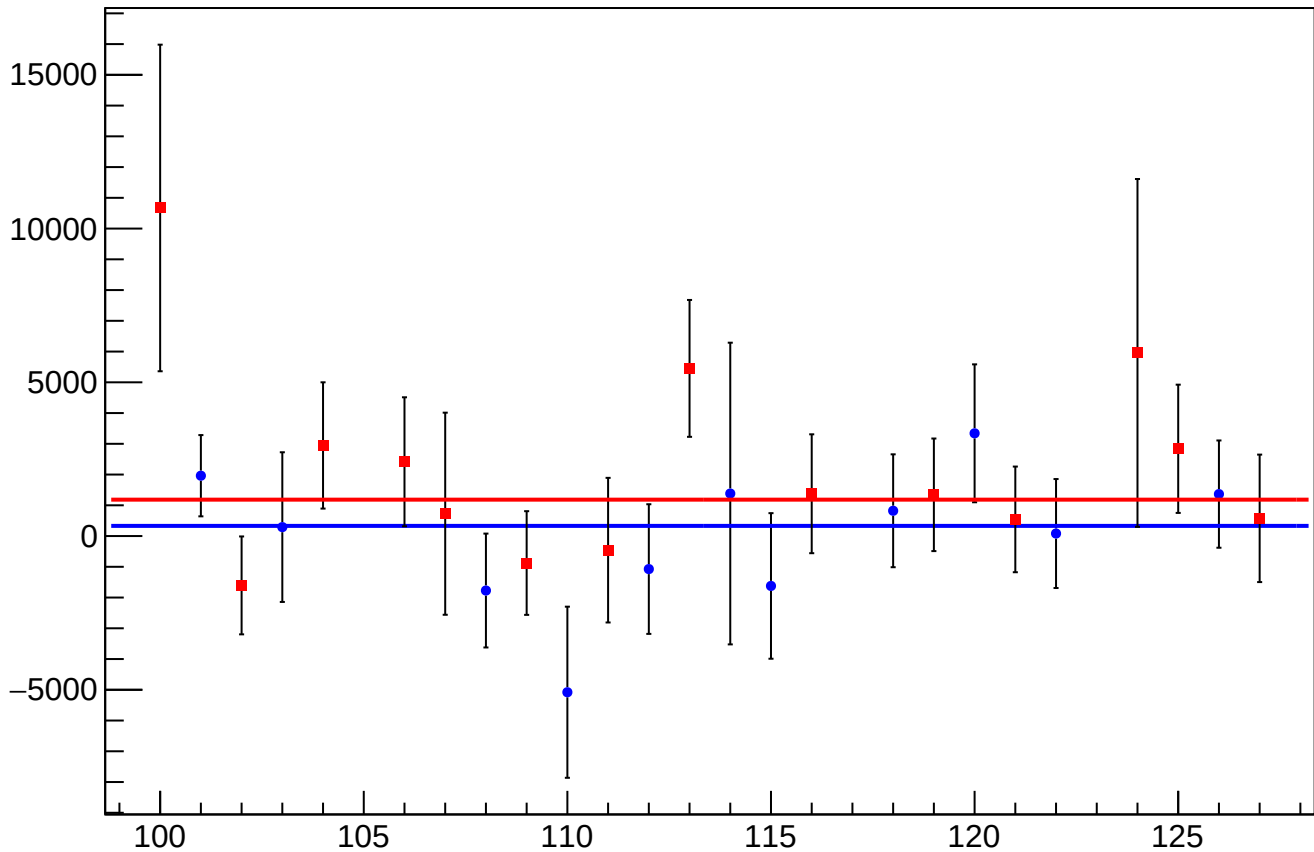
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1284.229+/-0.297 χ^2/NDF : 811810.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_cor_correction_mean vs Slug



Right In: 330.582 $\pm$ 603.046 χ^2 /NDF: 10.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1183.716 $\pm$ 566.151 χ^2 /NDF: 14.6/13

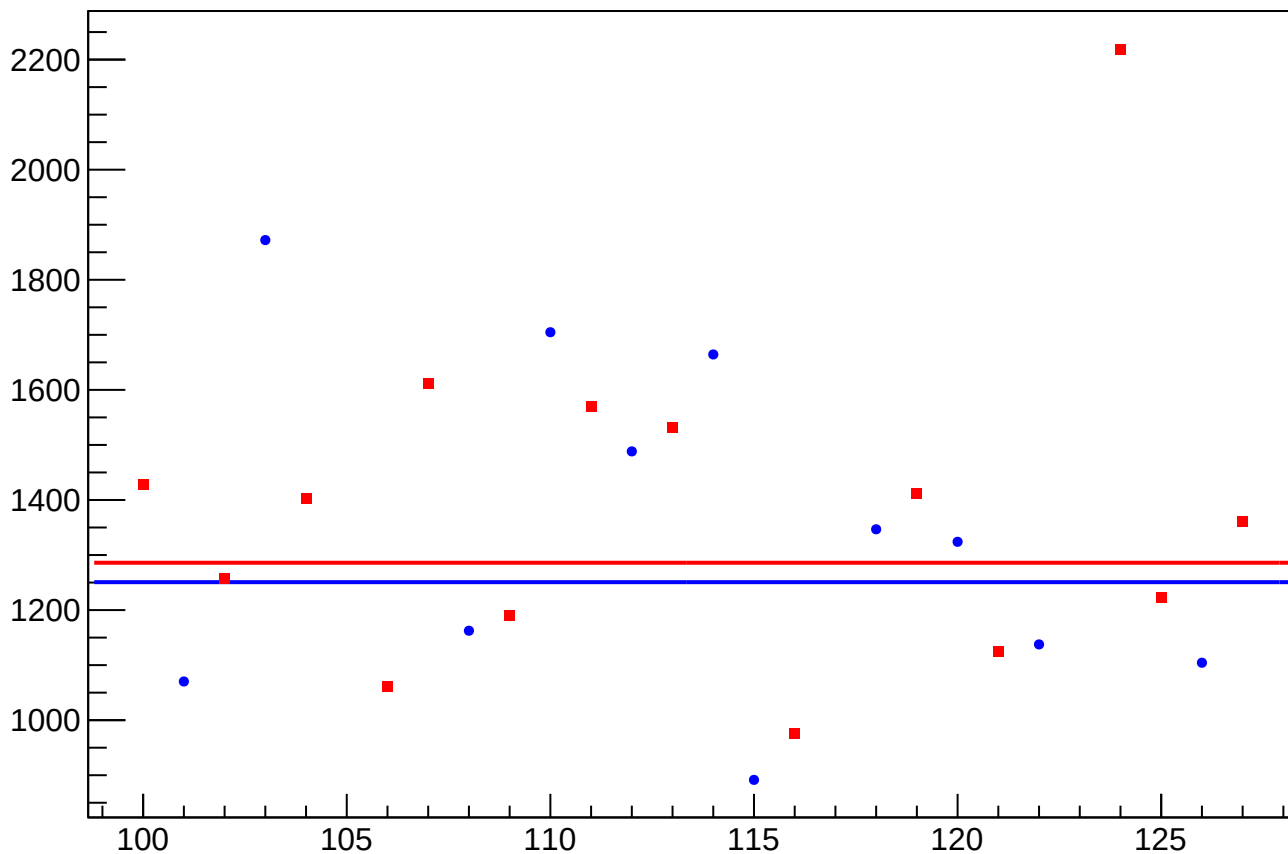
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 784.043 $\pm$ 412.757 χ^2 /NDF: 25.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_cor_correction_rms vs Slug



Right In: 1250.698+/-0.426 χ^2/NDF : 340882.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1285.977+/-0.400 χ^2/NDF : 248855.1/13

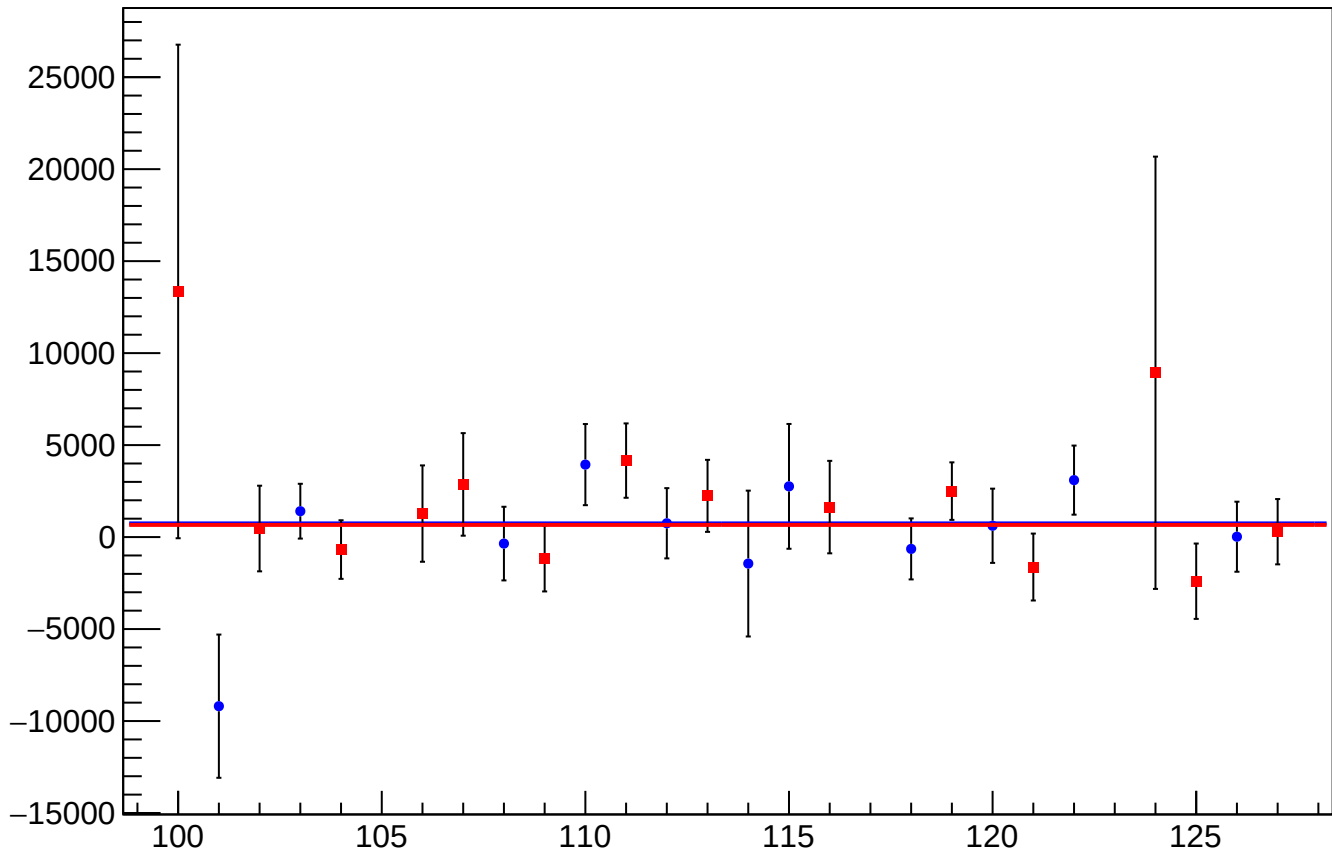
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1269.450+/-0.292 χ^2/NDF : 593376.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: 742.047+/-624.354 χ^2/NDF : 12.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 662.440+/-567.142 χ^2/NDF : 12.9/13

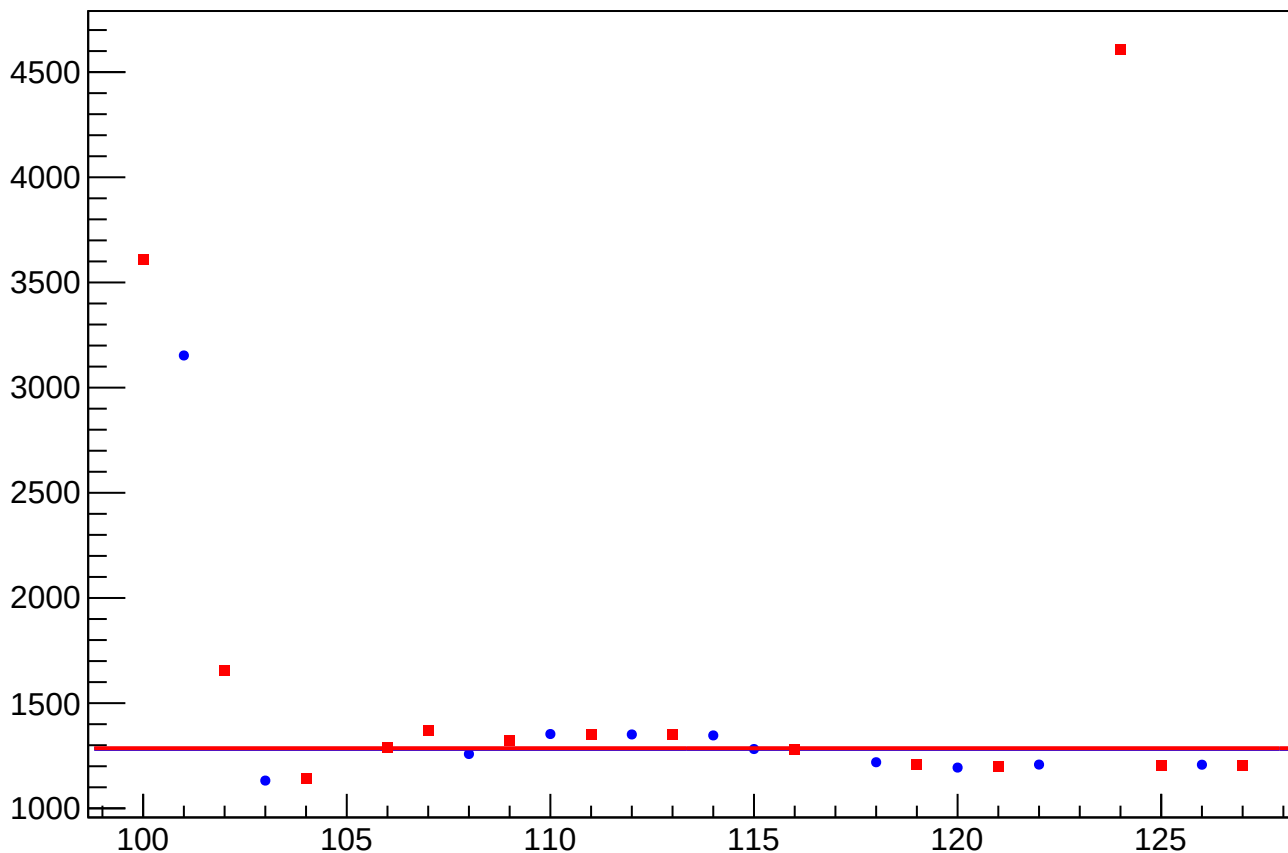
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 698.430+/-419.802 χ^2/NDF : 25.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1282.565+/-0.441 χ^2/NDF : 500596.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1285.603+/-0.401 χ^2/NDF : 311187.6/13

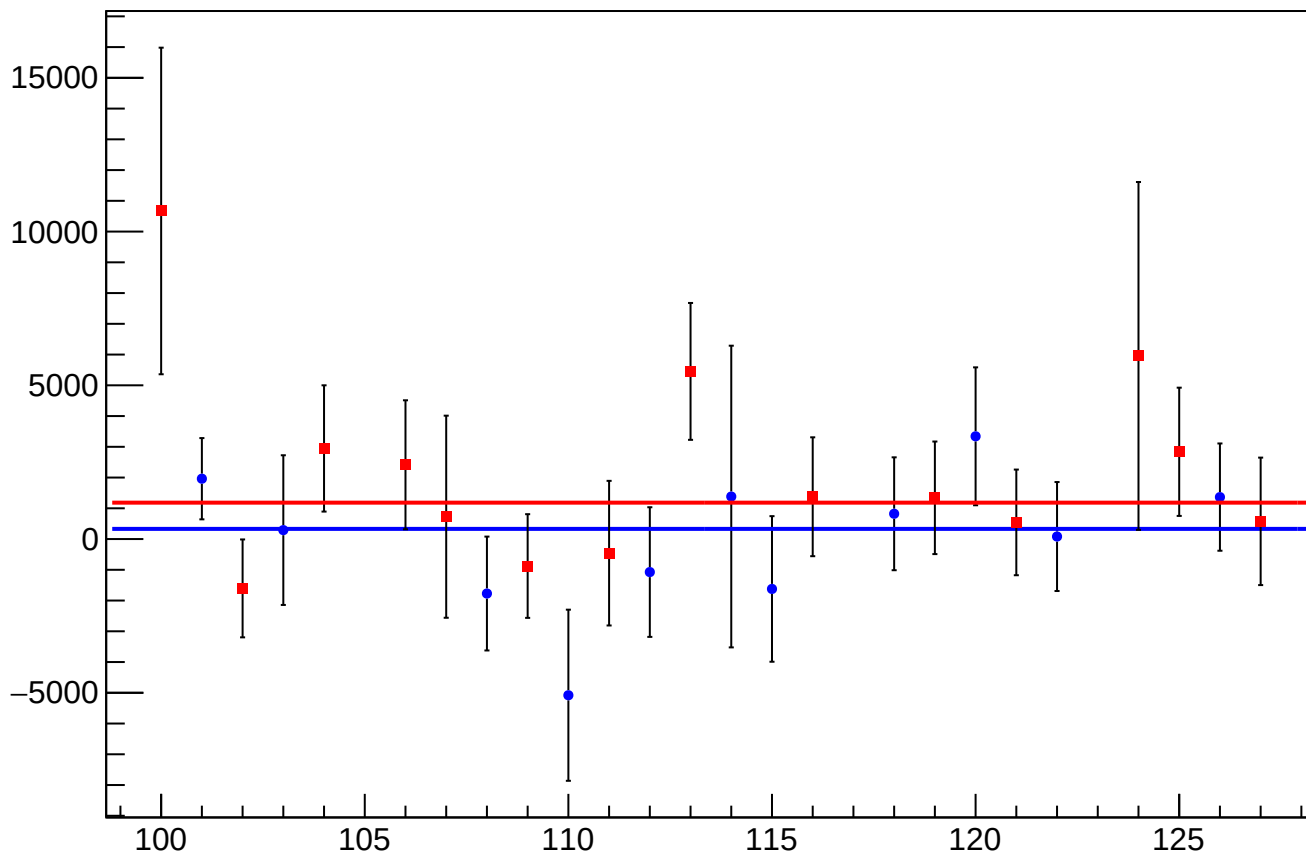
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1284.229+/-0.297 χ^2/NDF : 811810.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_eigen_cor_correction_mean vs Slug



Right In: 330.582+/-603.046 χ^2/NDF : 10.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1183.716+/-566.151 χ^2/NDF : 14.6/13

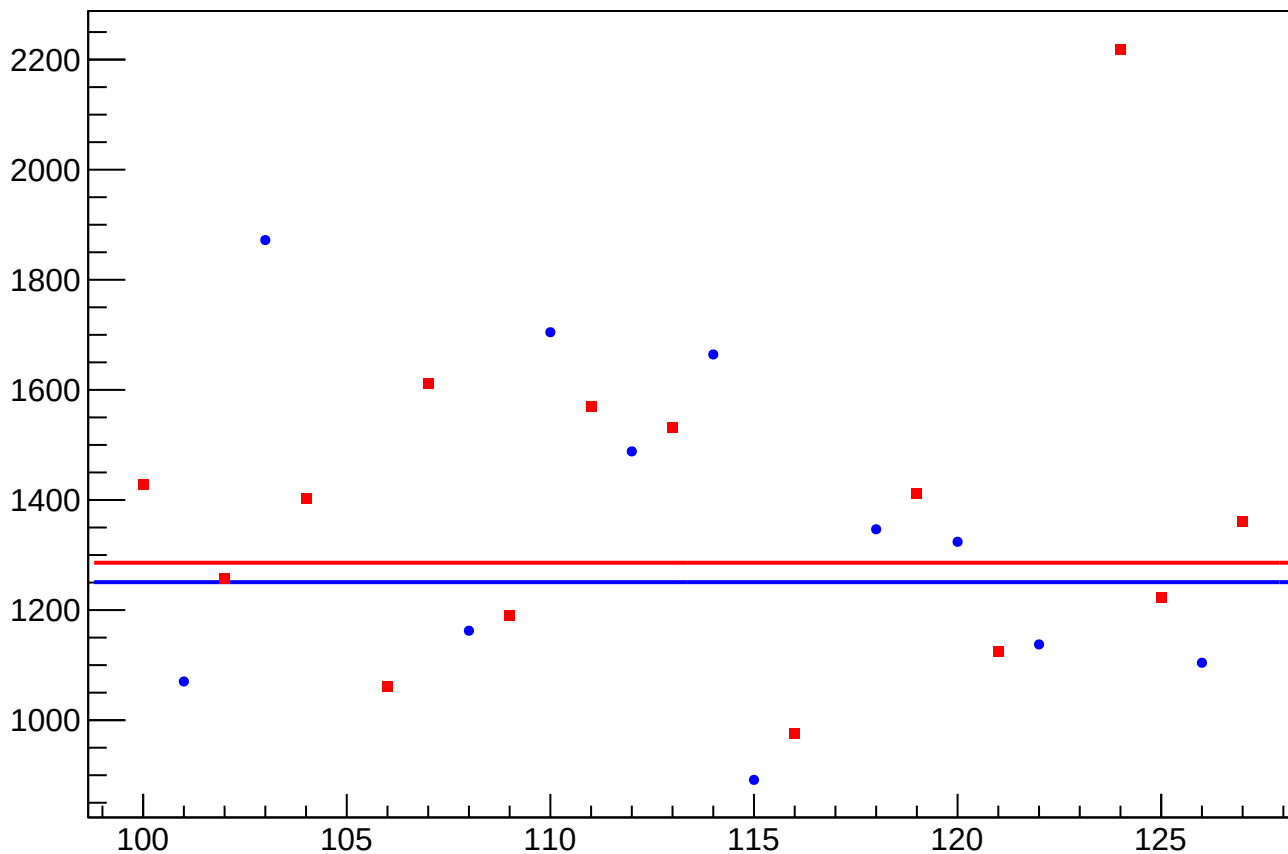
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 784.043+/-412.757 χ^2/NDF : 25.7/24

- 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: 1250.698+/-0.426 χ^2/NDF : 340882.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

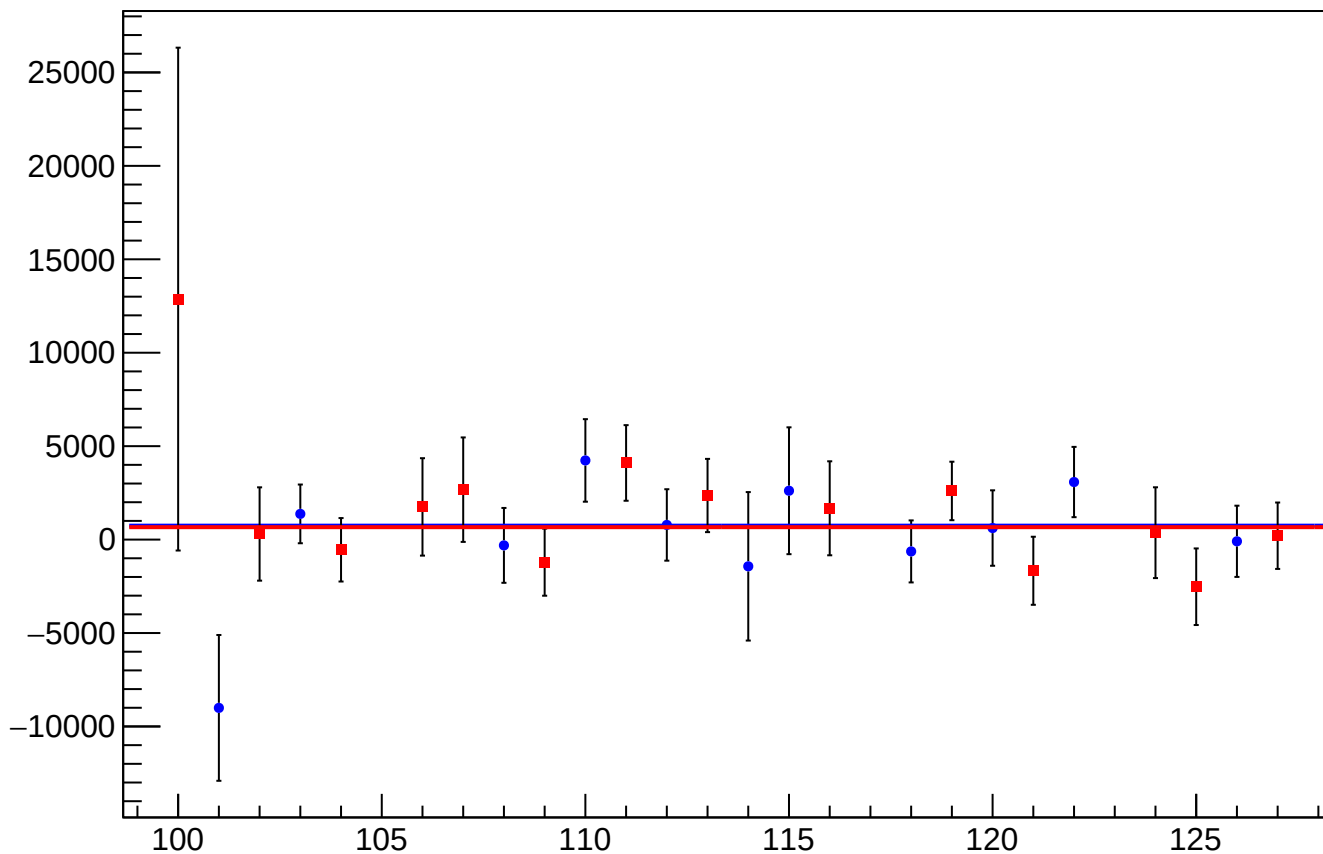
Right Out: 1285.977+/-0.400 χ^2/NDF : 248855.1/13

All: 1269.450+/-0.292 χ^2/NDF : 593376.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: 745.578+/-630.519 χ^2/NDF : 12.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 664.653+/-559.455 χ^2/NDF : 12.6/13

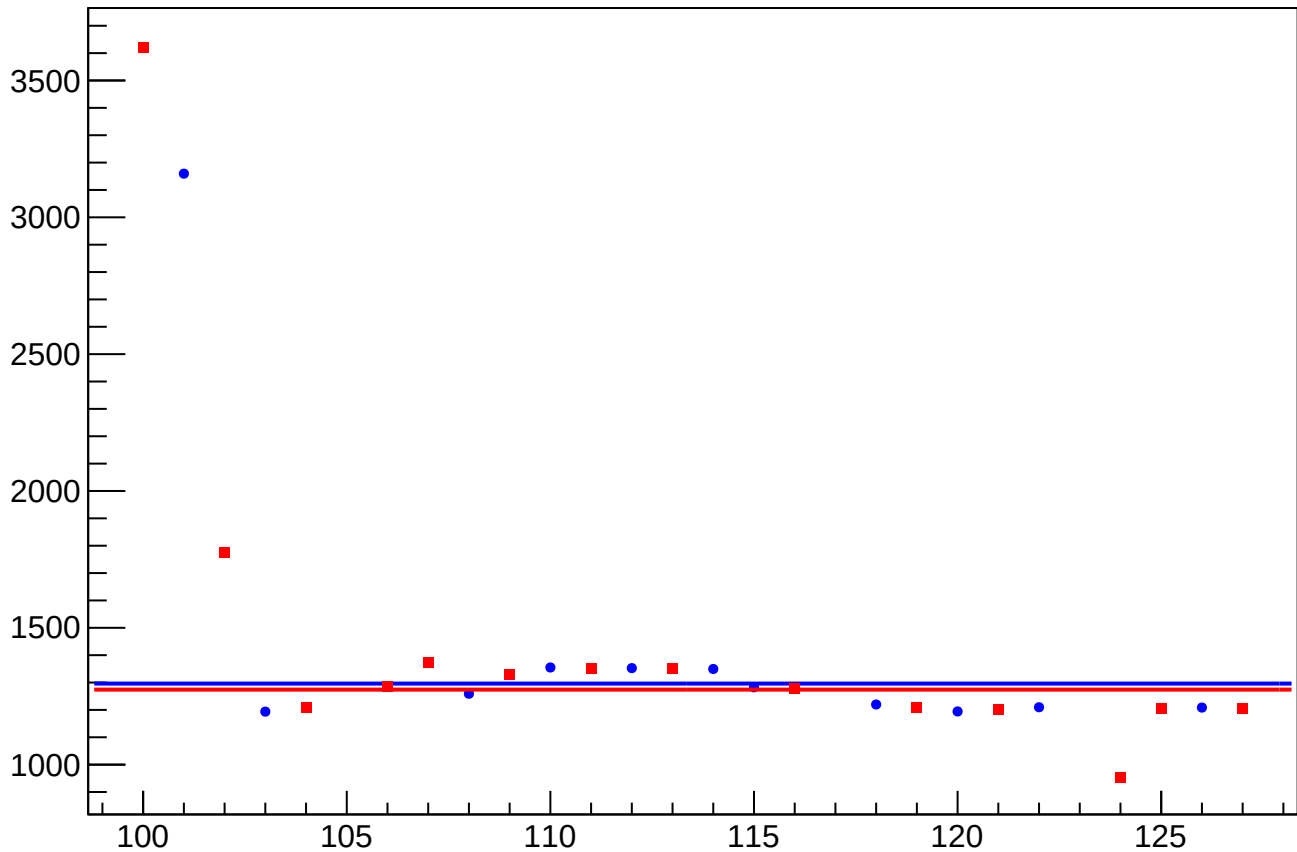
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 700.300+/-418.473 χ^2/NDF : 24.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1296.221+/-0.446 χ^2/NDF : 486749.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1274.183+/-0.396 χ^2/NDF : 202239.0/13

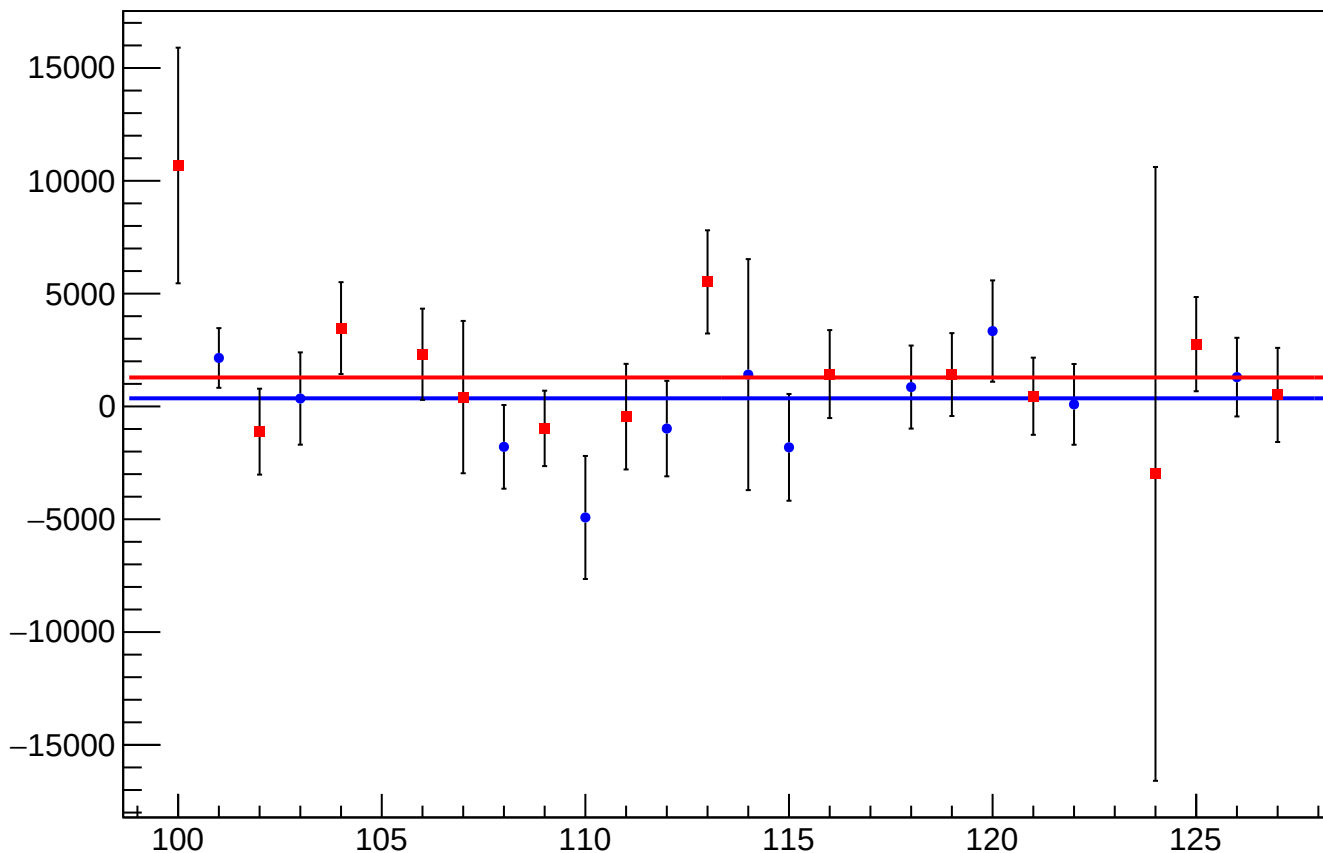
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1283.891+/-0.296 χ^2/NDF : 690355.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_dit_correction_mean vs Slug



Right In: 360.166+/-596.481 χ^2/NDF : 10.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1284.181+/-578.937 χ^2/NDF : 13.1/13

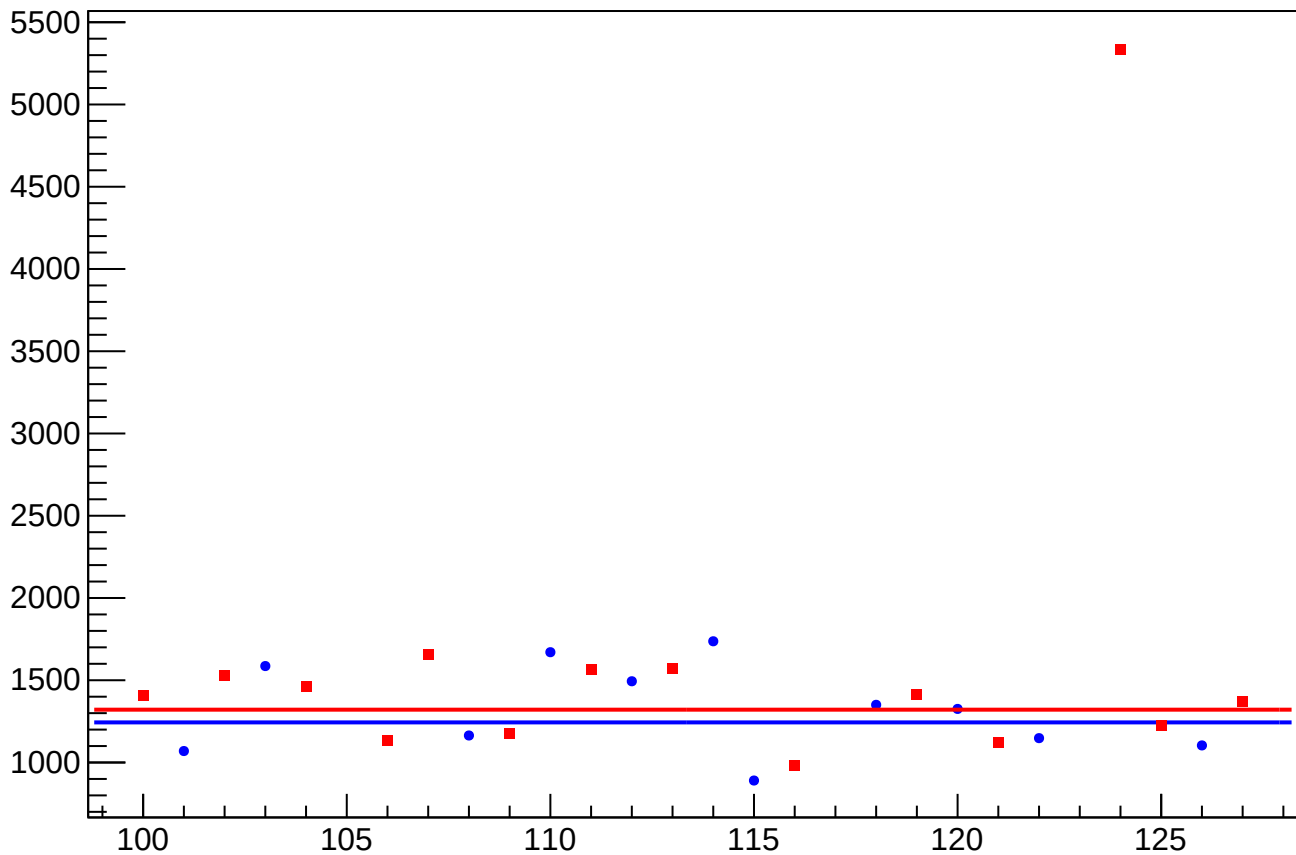
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 835.962+/-415.434 χ^2/NDF : 24.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_dit_correction_rms vs Slug



Right In: 1243.755 $\pm$ 0.422 χ^2 /NDF: 262483.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1321.100 $\pm$ 0.409 χ^2 /NDF: 405068.7/13

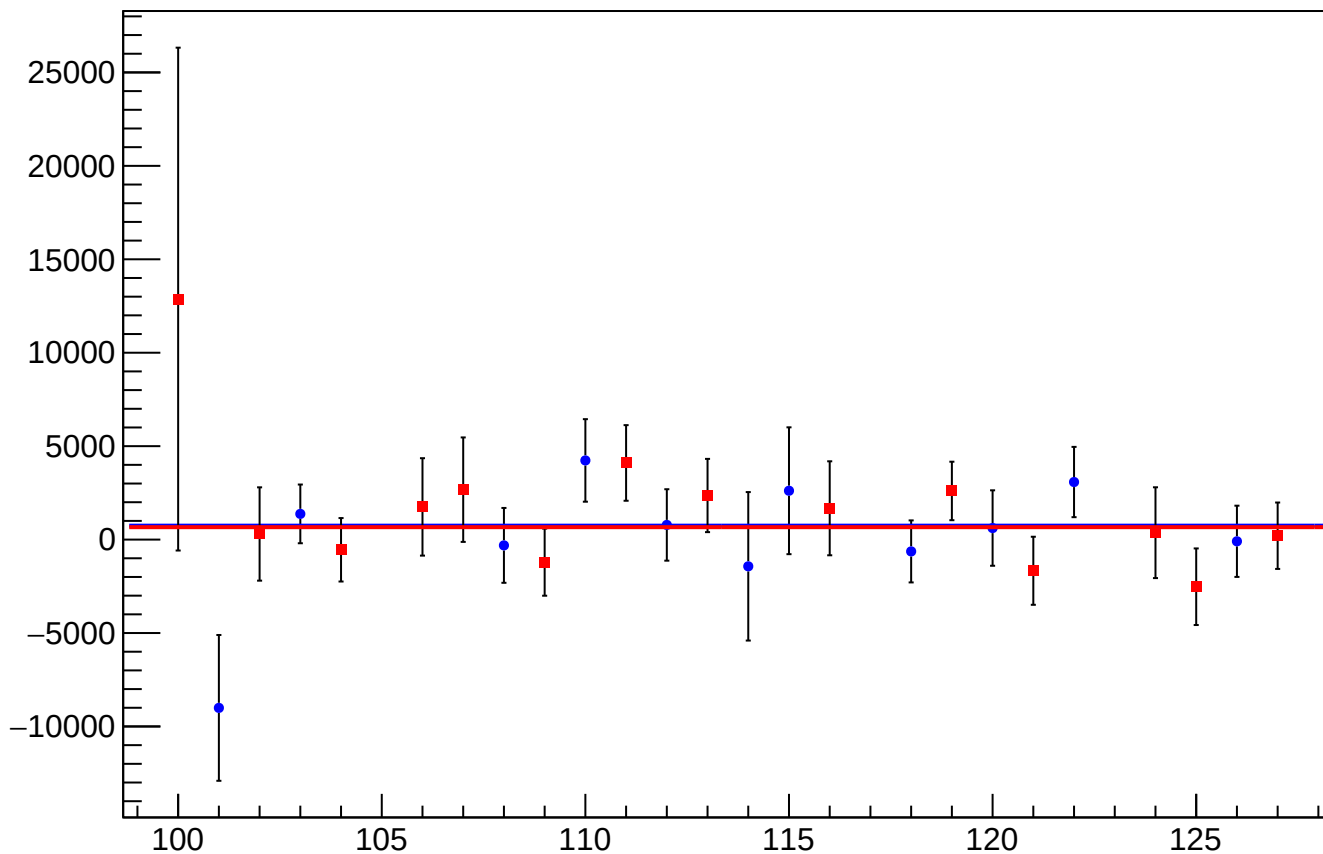
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1283.581 $\pm$ 0.294 χ^2 /NDF: 684868.4/24

- 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: 745.575+/-630.519 χ^2/NDF : 12.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 664.655+/-559.455 χ^2/NDF : 12.6/13

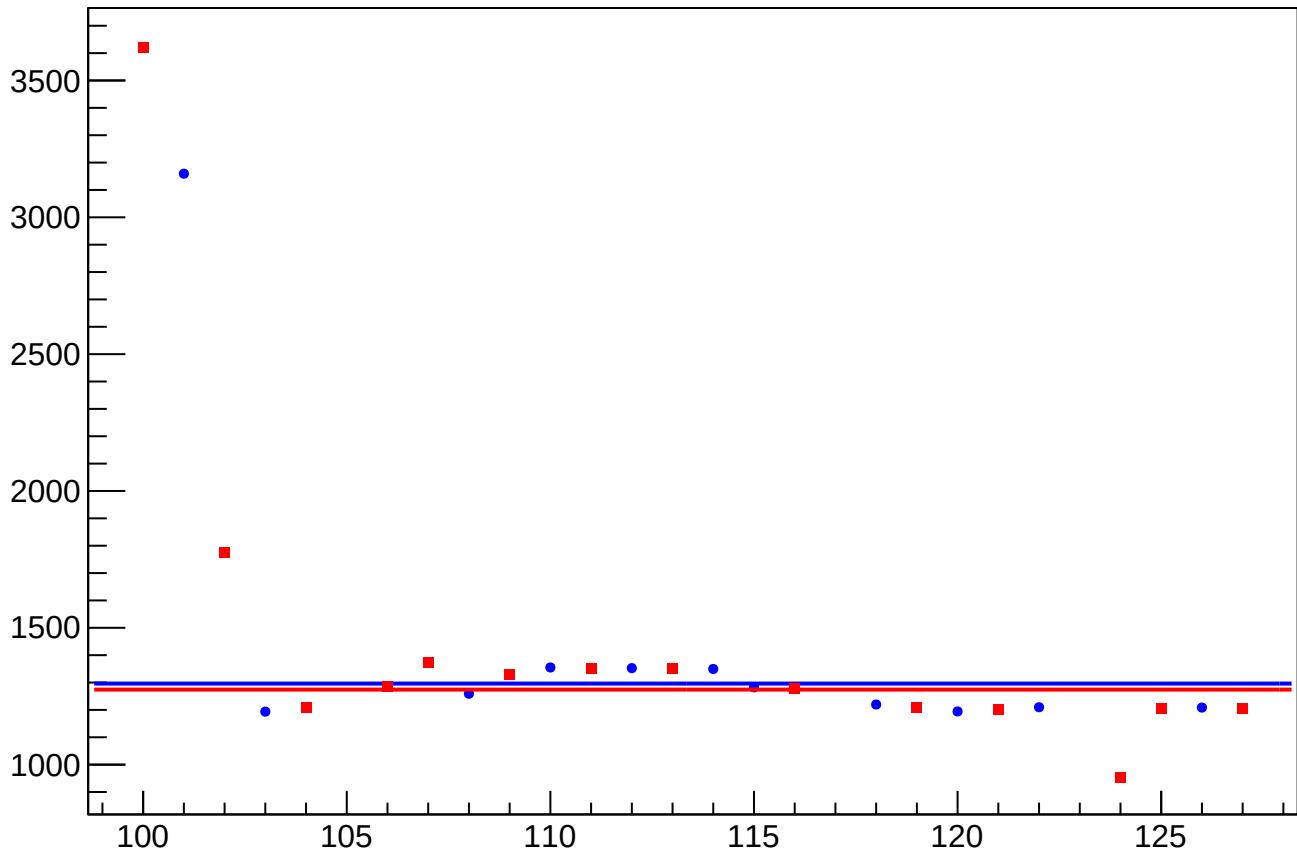
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 700.299+/-418.473 χ^2/NDF : 24.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1296.221+/-0.446 χ^2/NDF : 486749.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

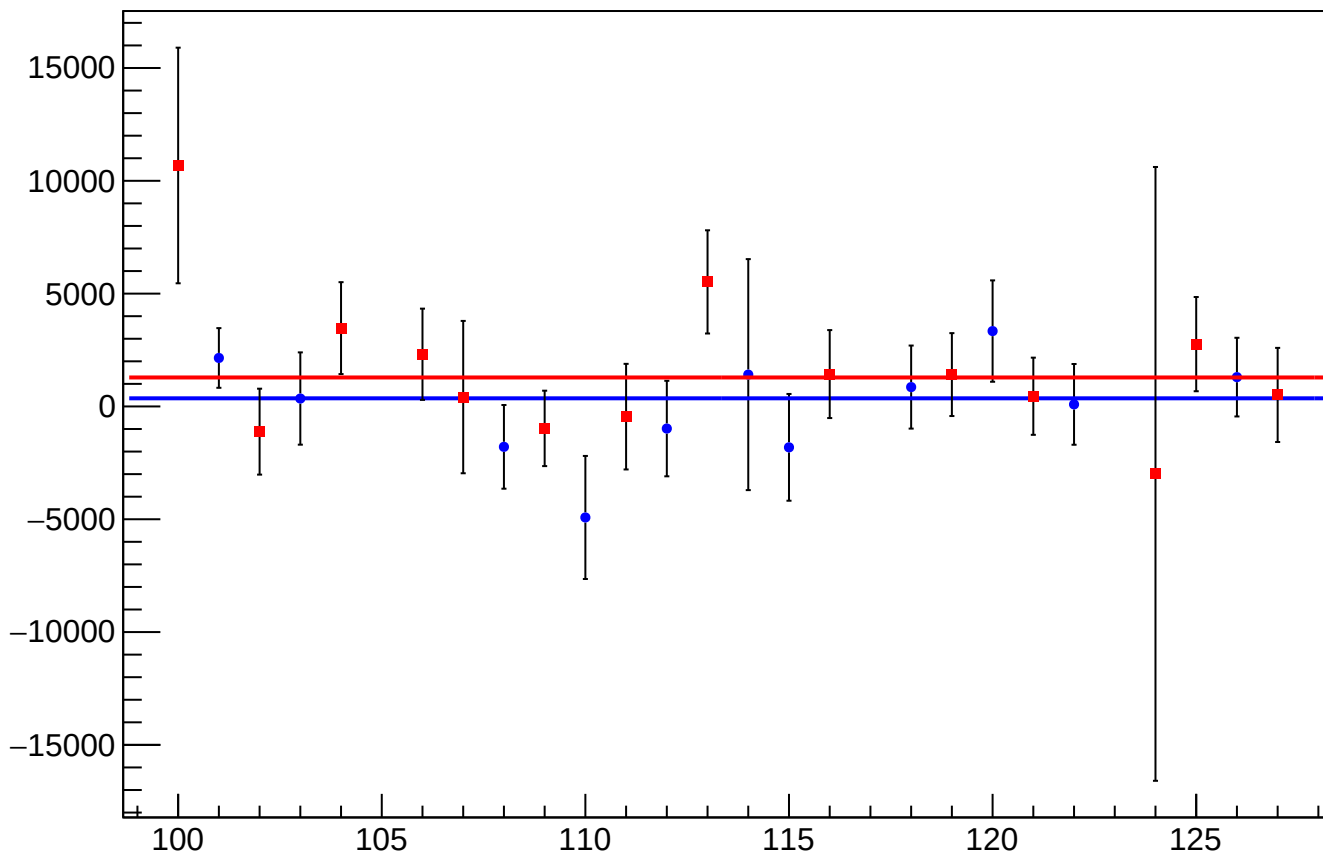
Right Out: 1274.183+/-0.396 χ^2/NDF : 202238.9/13

All: 1283.890+/-0.296 χ^2/NDF : 690355.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_eigen_dit_correction_mean vs Slug



Right In: 360.165+/-596.479 χ^2/NDF : 10.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1284.182+/-578.937 χ^2/NDF : 13.1/13

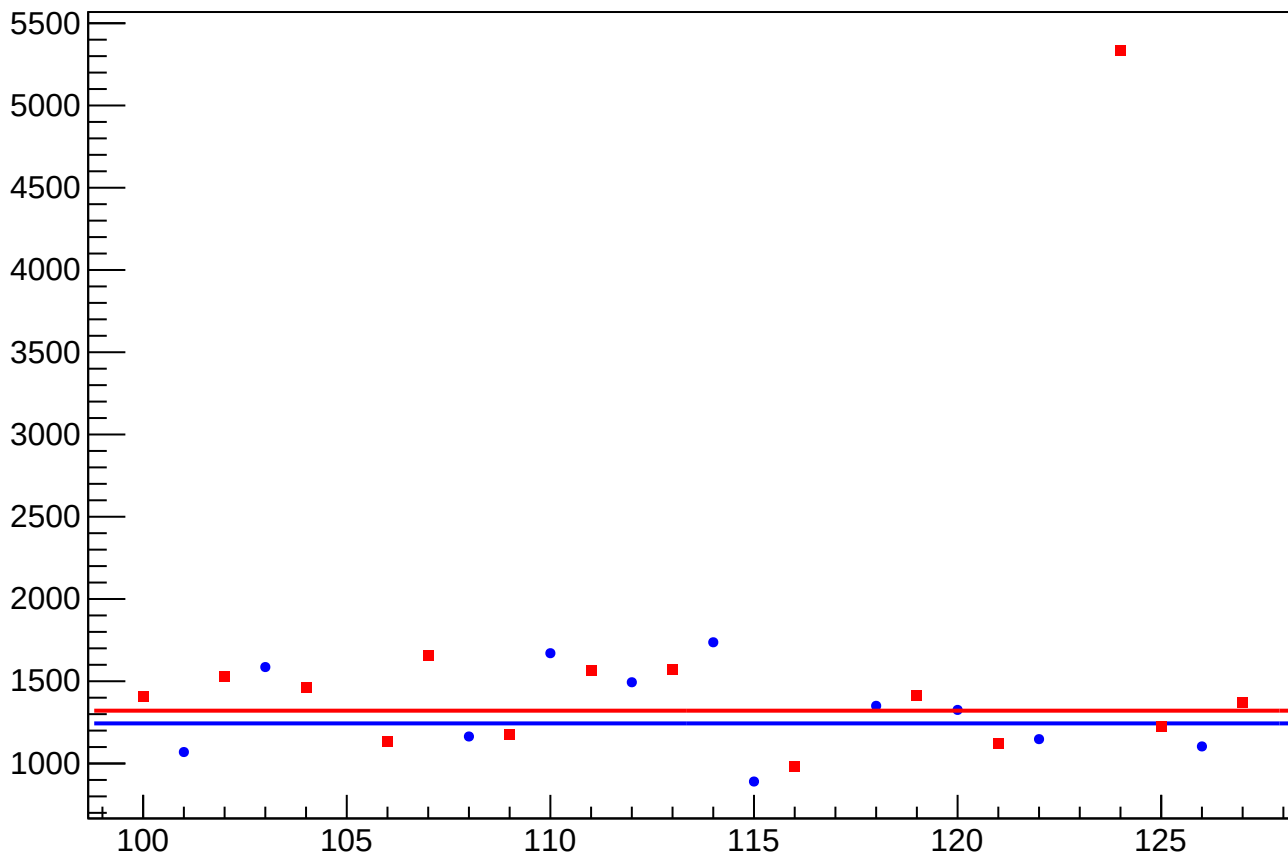
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 835.961+/-415.433 χ^2/NDF : 24.7/24

- 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: 1243.751+/-0.422 χ^2/NDF : 262489.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1321.099+/-0.409 χ^2/NDF : 405069.9/13

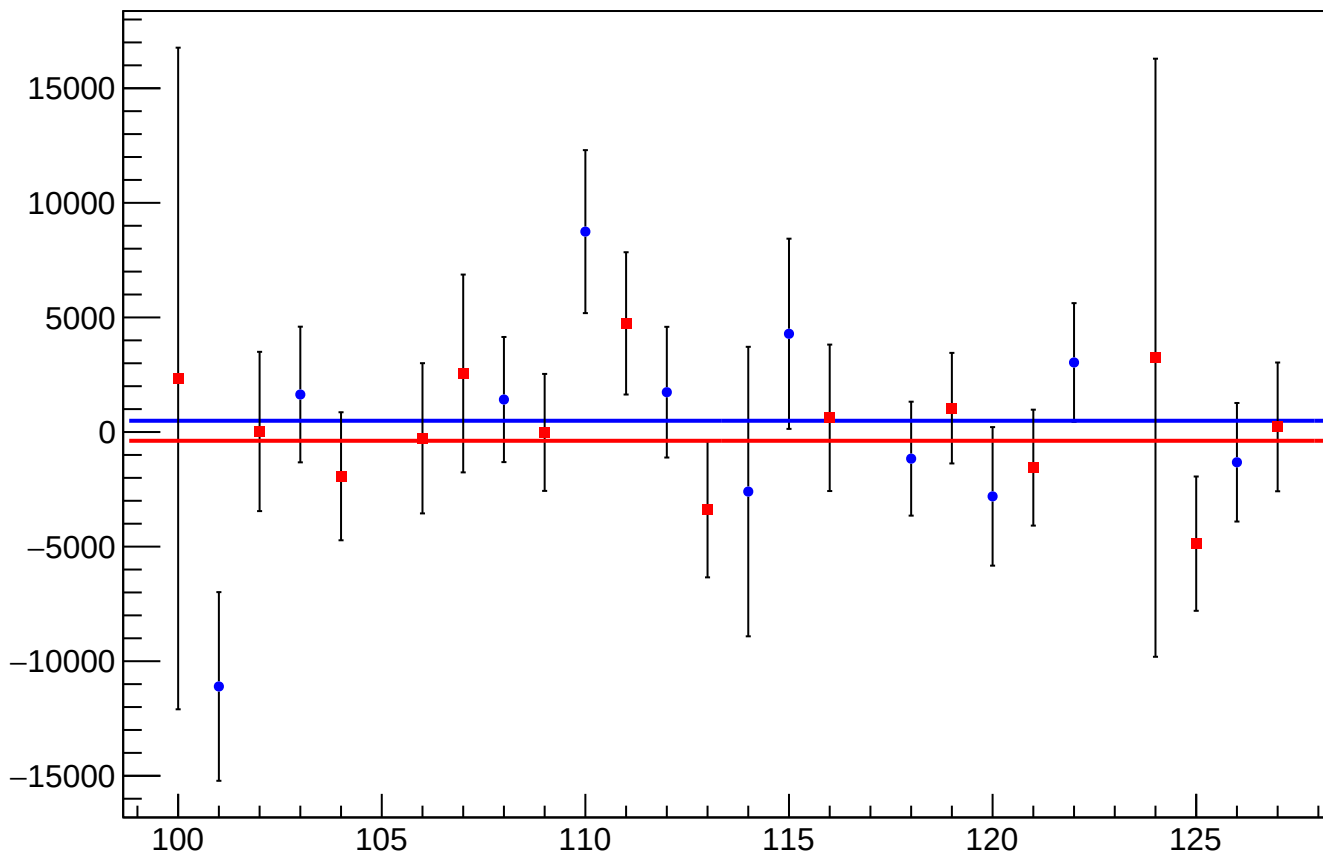
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1283.579+/-0.294 χ^2/NDF : 684876.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: 491.559 ± 927.464 χ^2/NDF : 17.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -382.050 ± 842.616 χ^2/NDF : 7.7/13

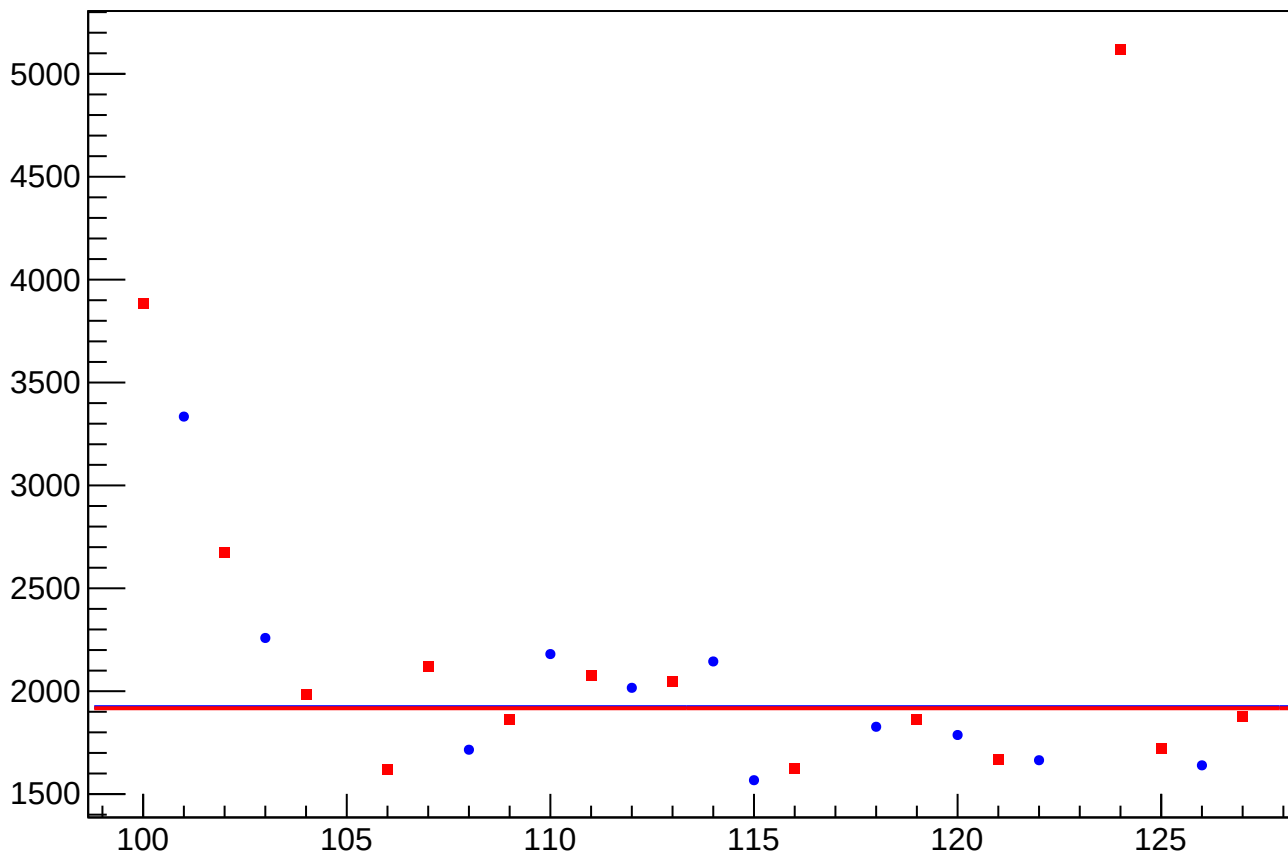
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 12.975 ± 623.664 χ^2/NDF : 26.1/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1922.359+/-0.656 χ^2/NDF : 353138.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

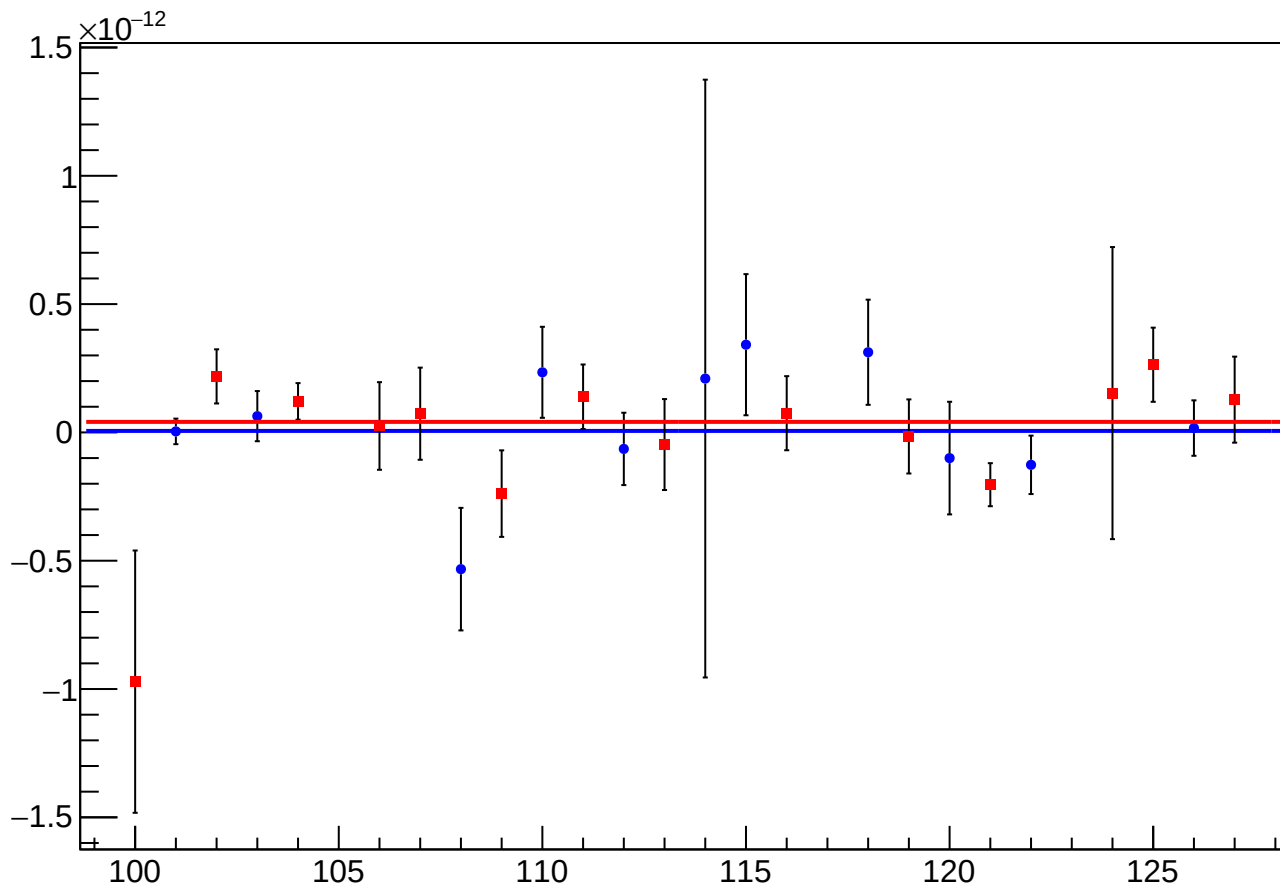
Right Out: 1917.134+/-0.596 χ^2/NDF : 331486.5/13

All: 1919.497+/-0.441 χ^2/NDF : 684659.9/24

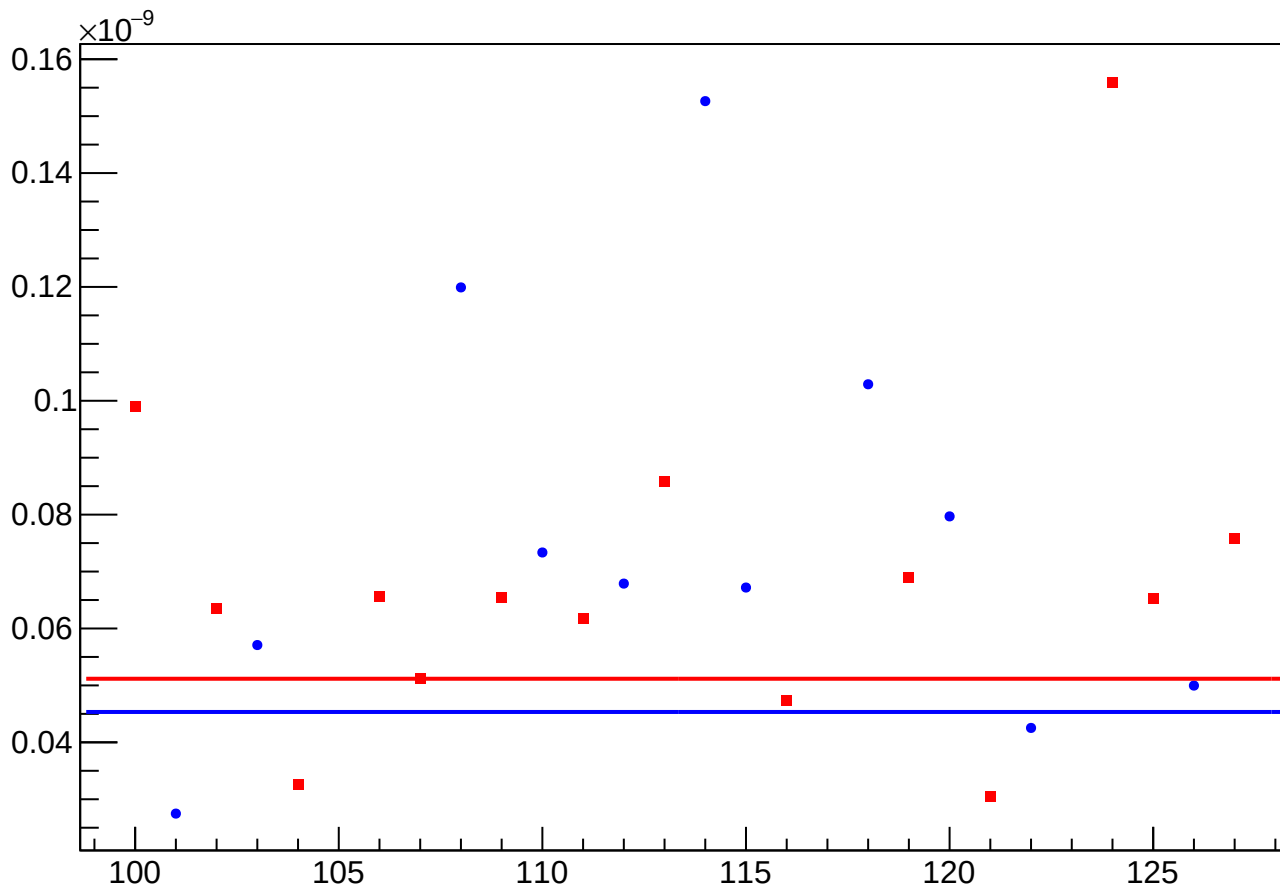
- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_mean vs Slug



asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 823455.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 582828.7/13

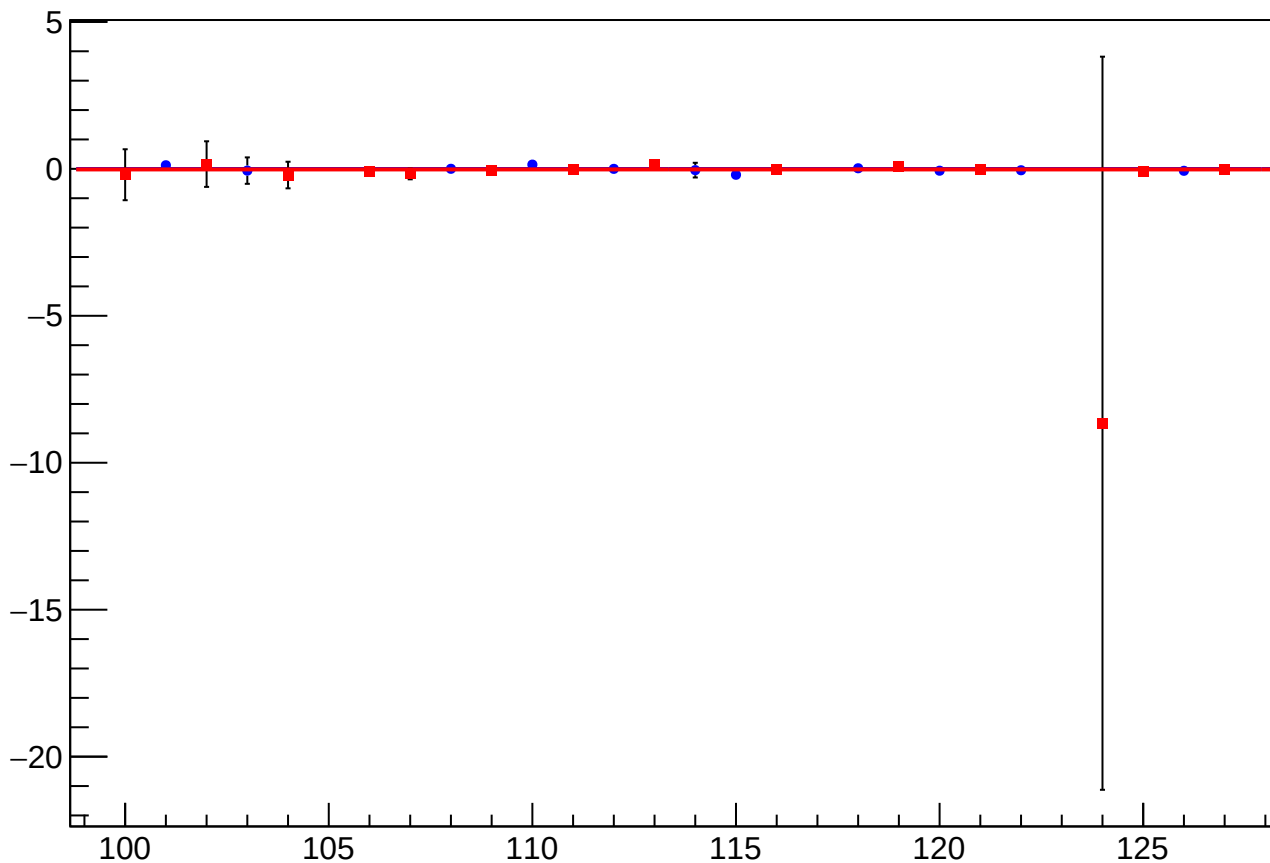
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1434204.8/24

- 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: -0.006 ± 0.023 χ^2/NDF : 11.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.019 ± 0.021 χ^2/NDF : 10.8/13

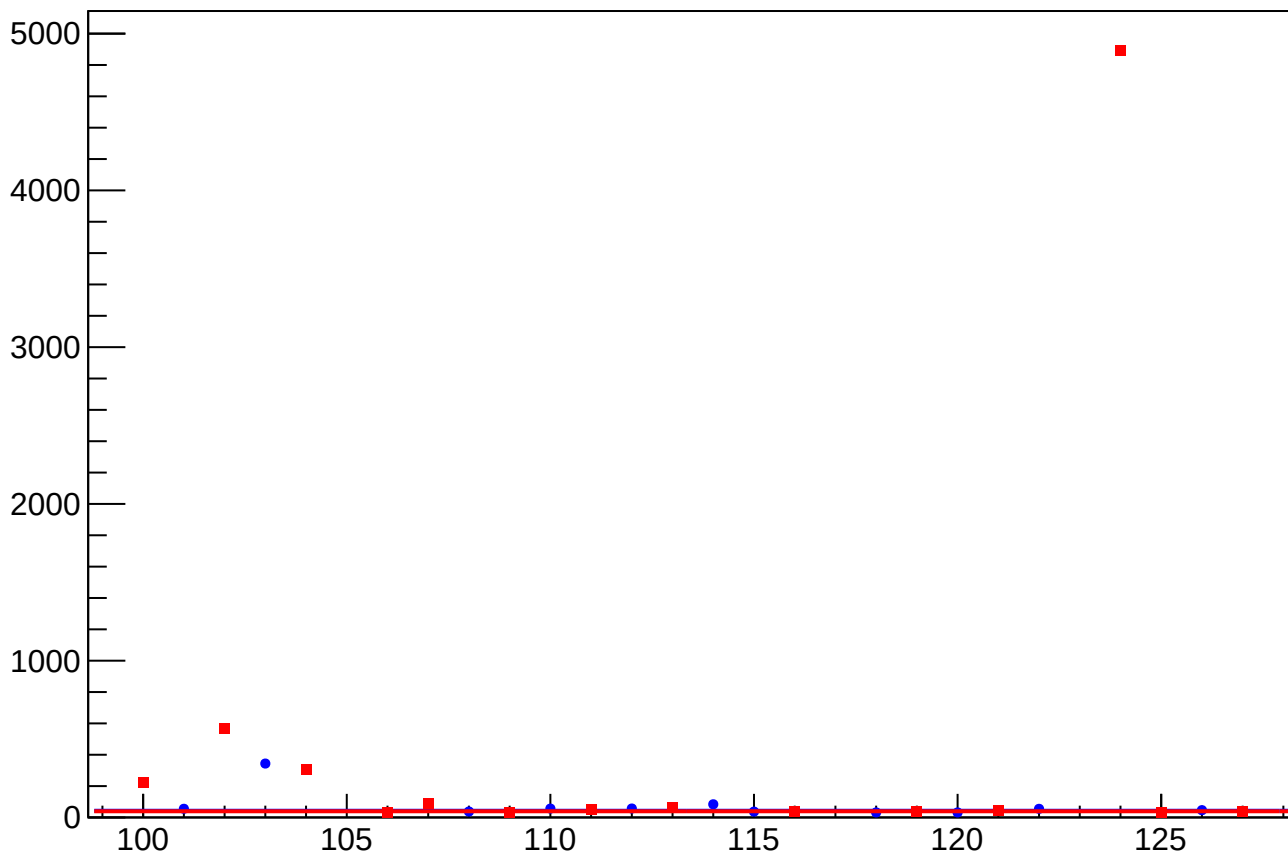
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.013 ± 0.016 χ^2/NDF : 22.2/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_rms vs Slug



Right In: 42.662 $\pm$ 0.016 χ^2 /NDF: 1348623.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 39.509 $\pm$ 0.015 χ^2 /NDF: 2414832.8/13

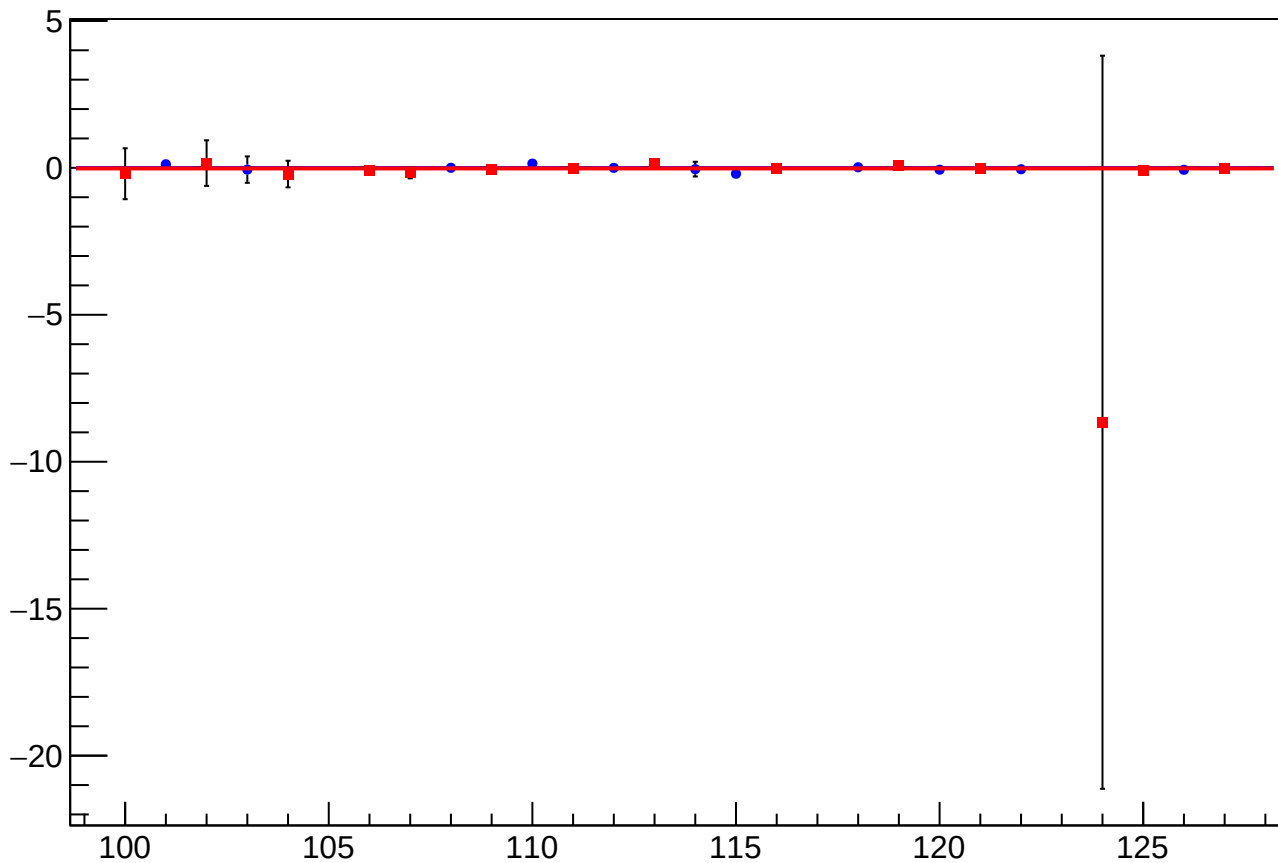
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 40.951 $\pm$ 0.011 χ^2 /NDF: 3783823.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.006 $\pm$ 0.023 χ^2/NDF : 11.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.019 $\pm$ 0.021 χ^2/NDF : 10.8/13

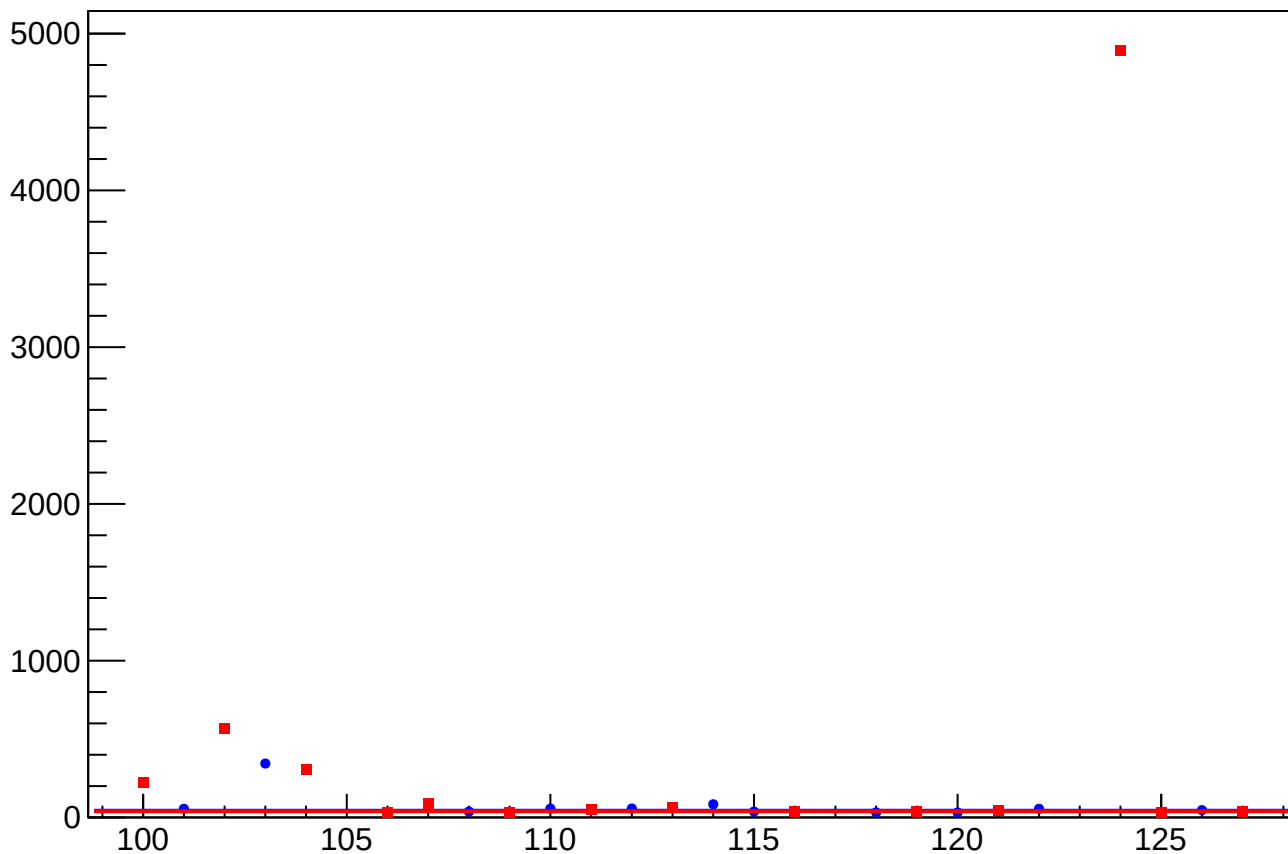
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.013 $\pm$ 0.016 χ^2/NDF : 22.2/24

- 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: 42.662 $\pm$ 0.016 χ^2 /NDF: 1348623.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 39.509 $\pm$ 0.015 χ^2 /NDF: 2414832.8/13

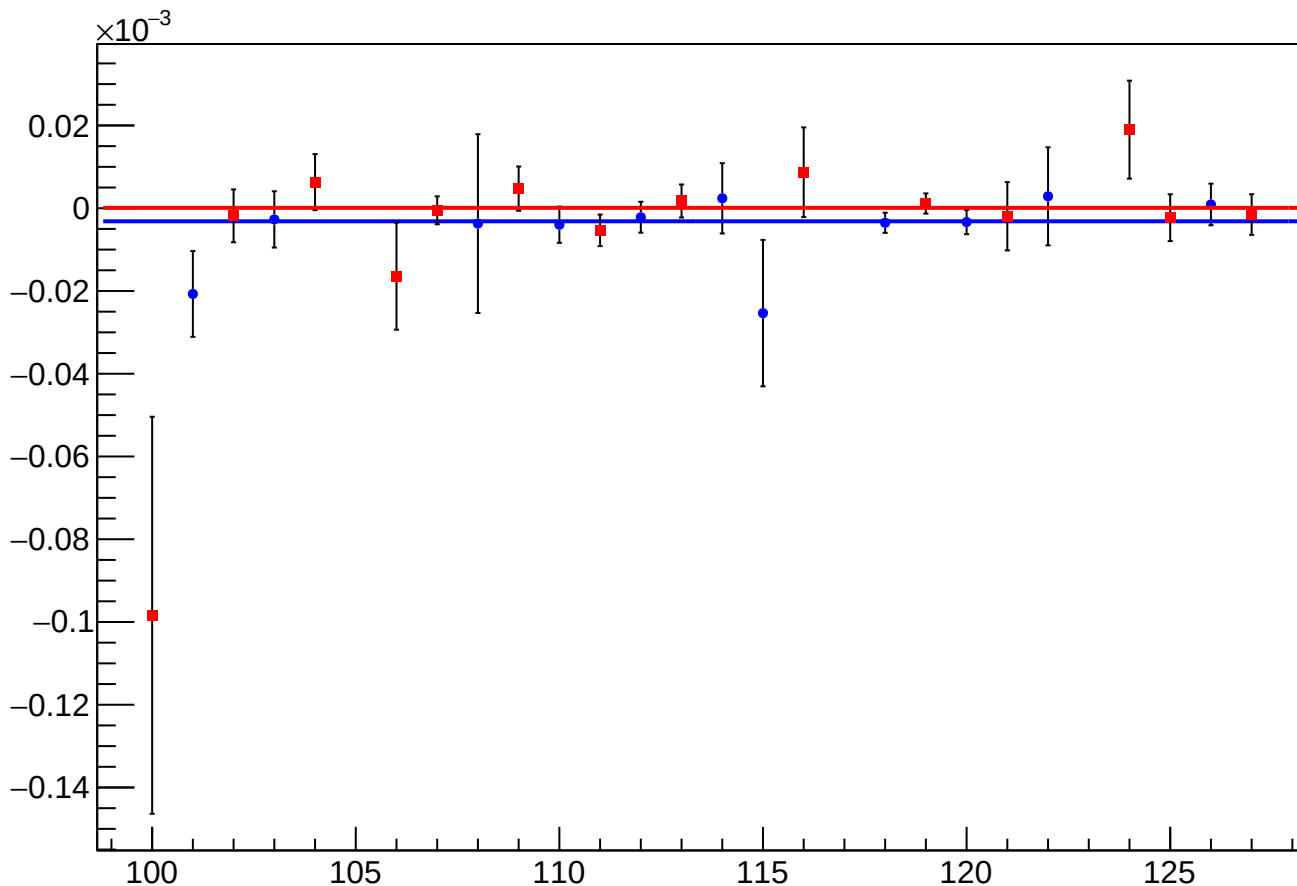
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 40.951 $\pm$ 0.011 χ^2 /NDF: 3783823.6/24

- sign 0.000 $\pm$ 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+/-0.000 χ^2 /NDF: 5.9/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 13.5/13

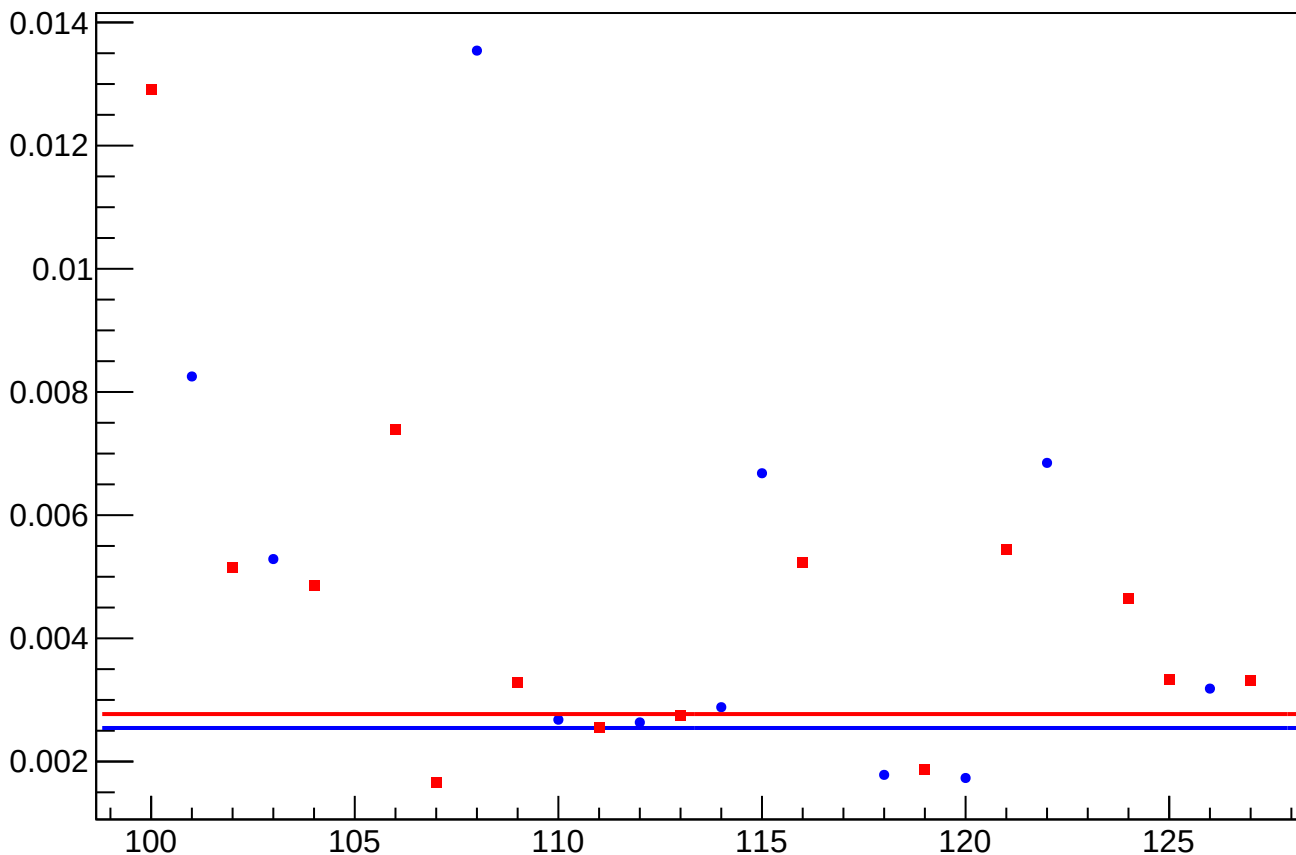
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 22.3/24

- sign 0.000+/-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 : 2211755.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1733045.9/13

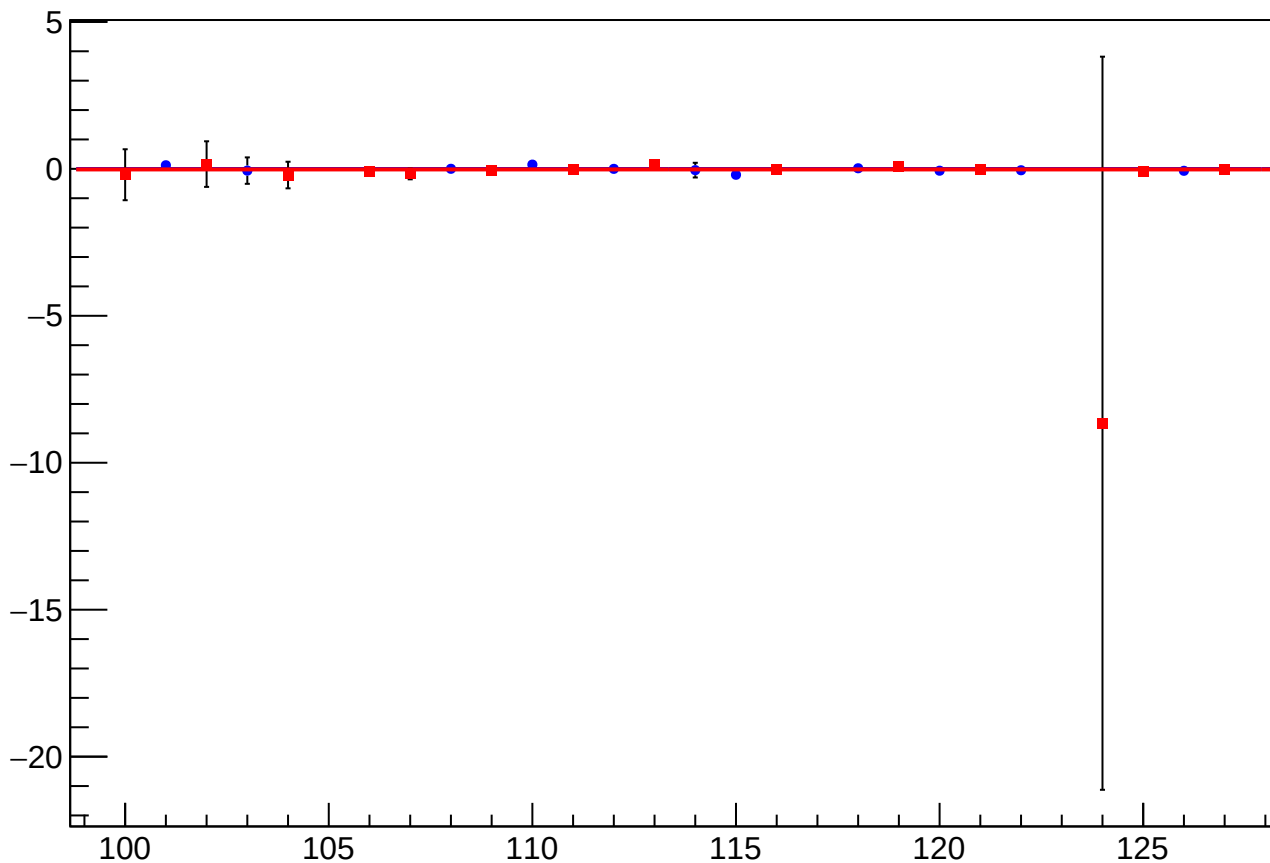
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3972410.9/24

- 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: -0.006 ± 0.023 χ^2/NDF : 11.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.019 ± 0.021 χ^2/NDF : 10.8/13

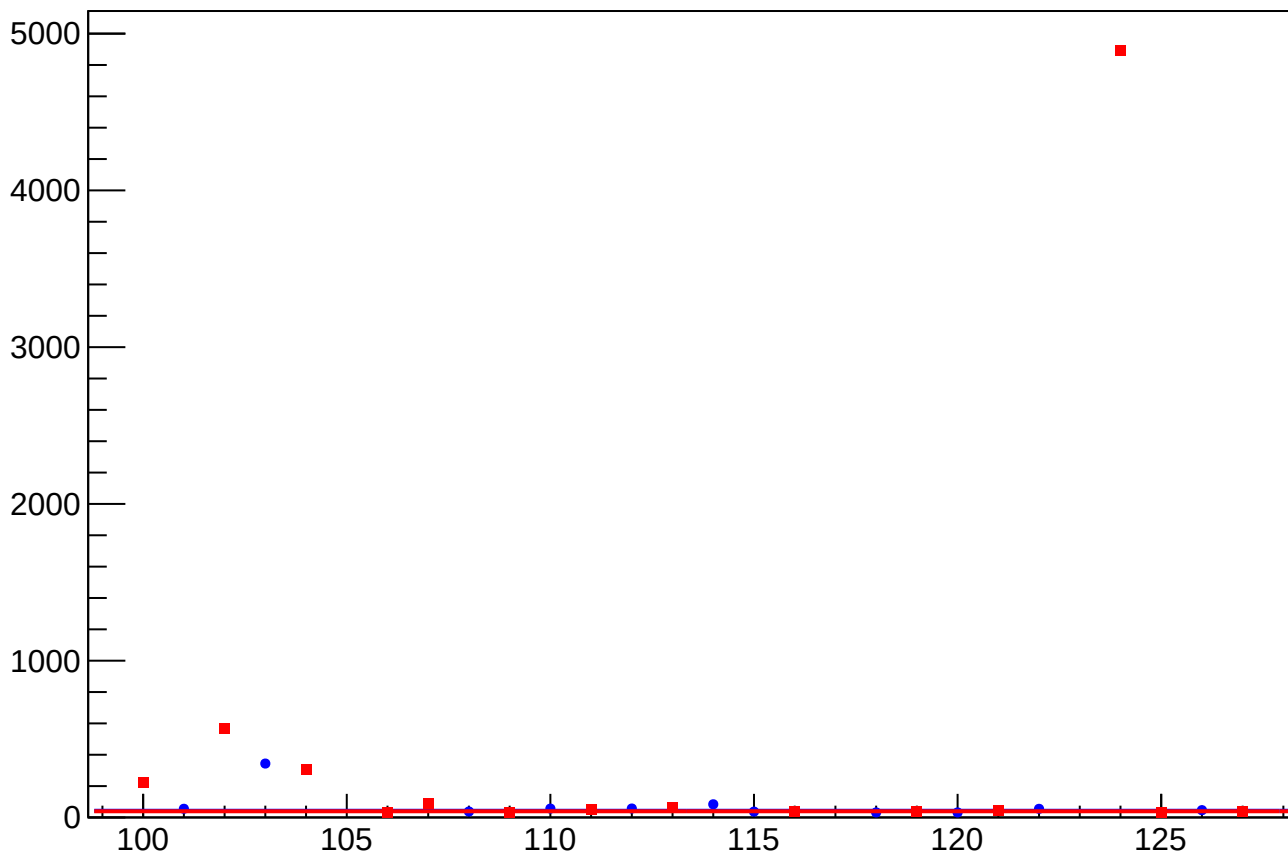
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

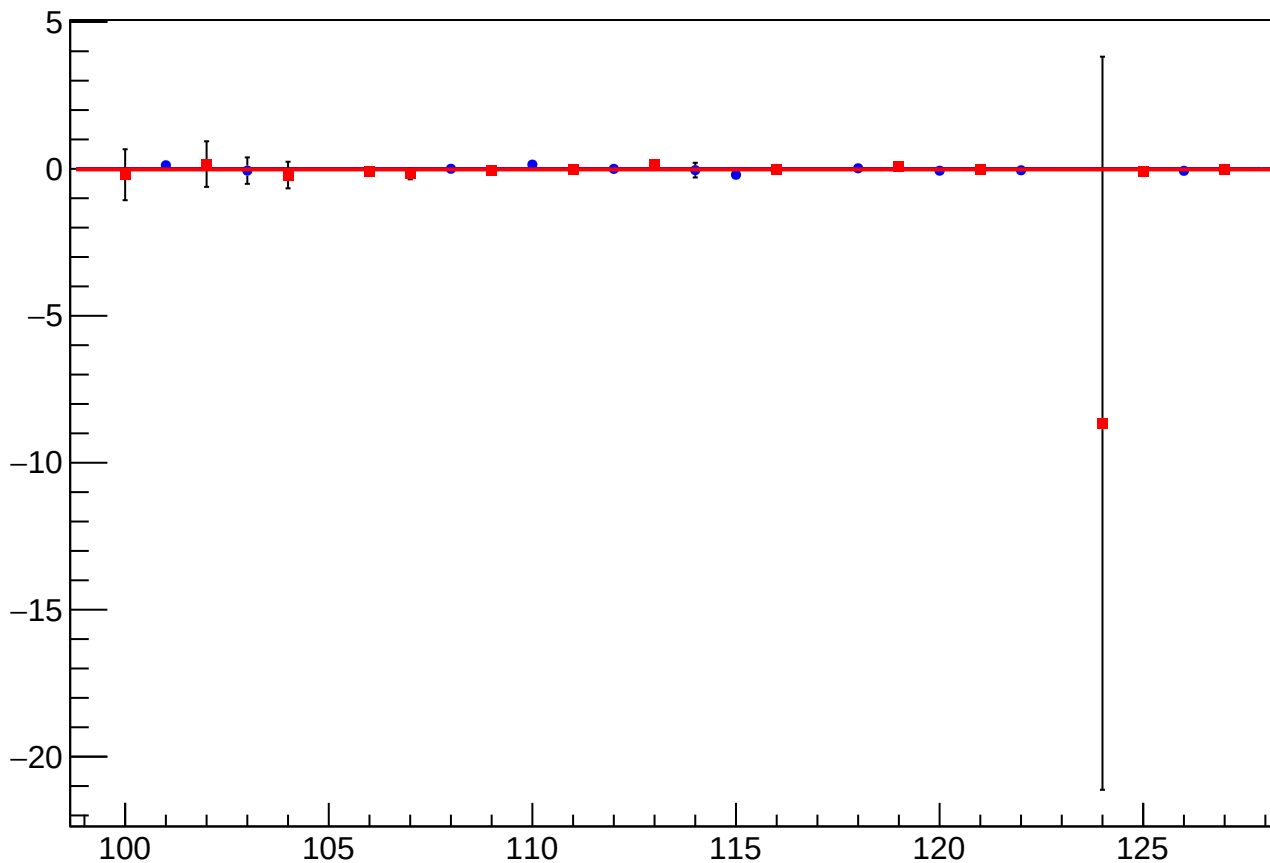
All: -0.014 ± 0.016 χ^2/NDF : 22.2/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug



asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.006 $\pm$ 0.023 χ^2 /NDF: 11.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.019 $\pm$ 0.021 χ^2 /NDF: 10.8/13

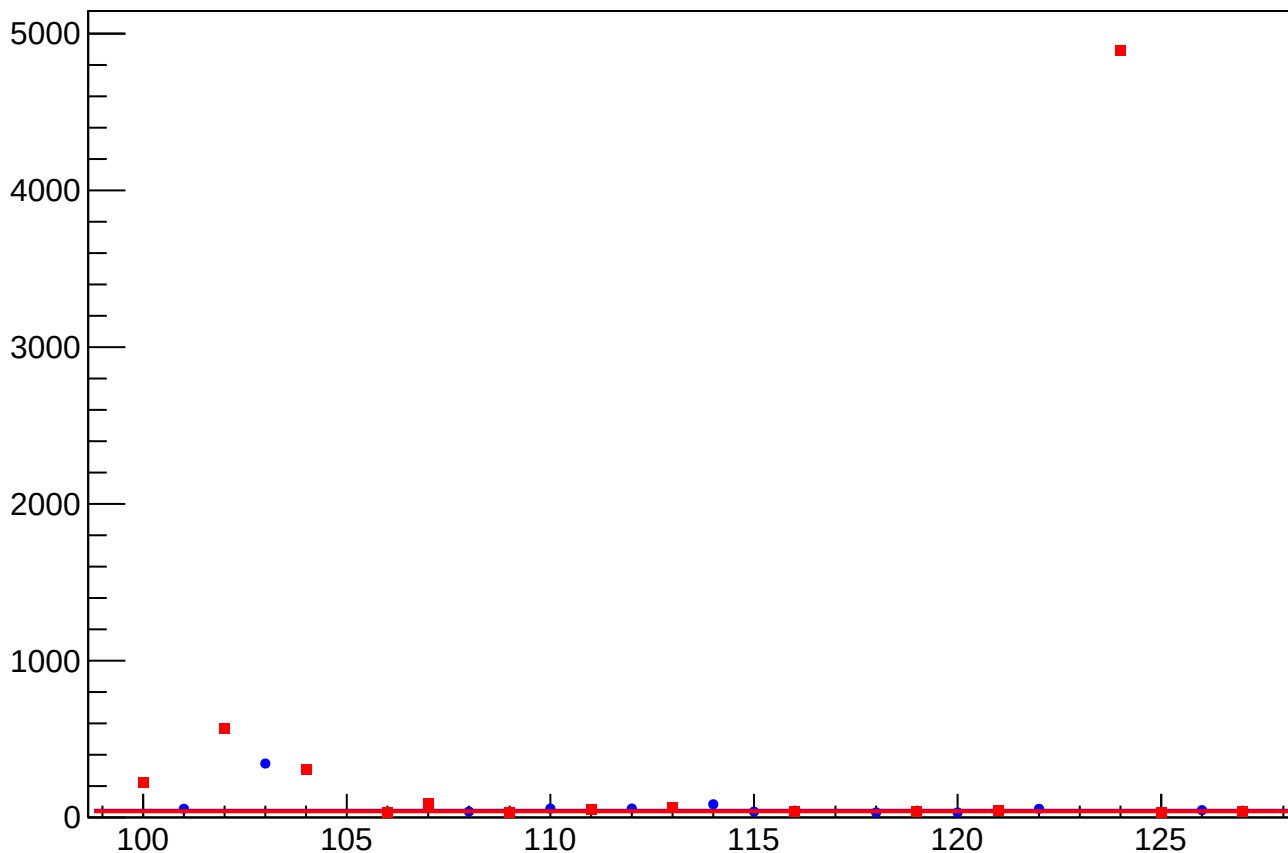
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.014 $\pm$ 0.016 χ^2 /NDF: 22.2/24

- 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: 42.663+/-0.016 χ^2/NDF : 1348612.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.508+/-0.015 χ^2/NDF : 2414872.8/13

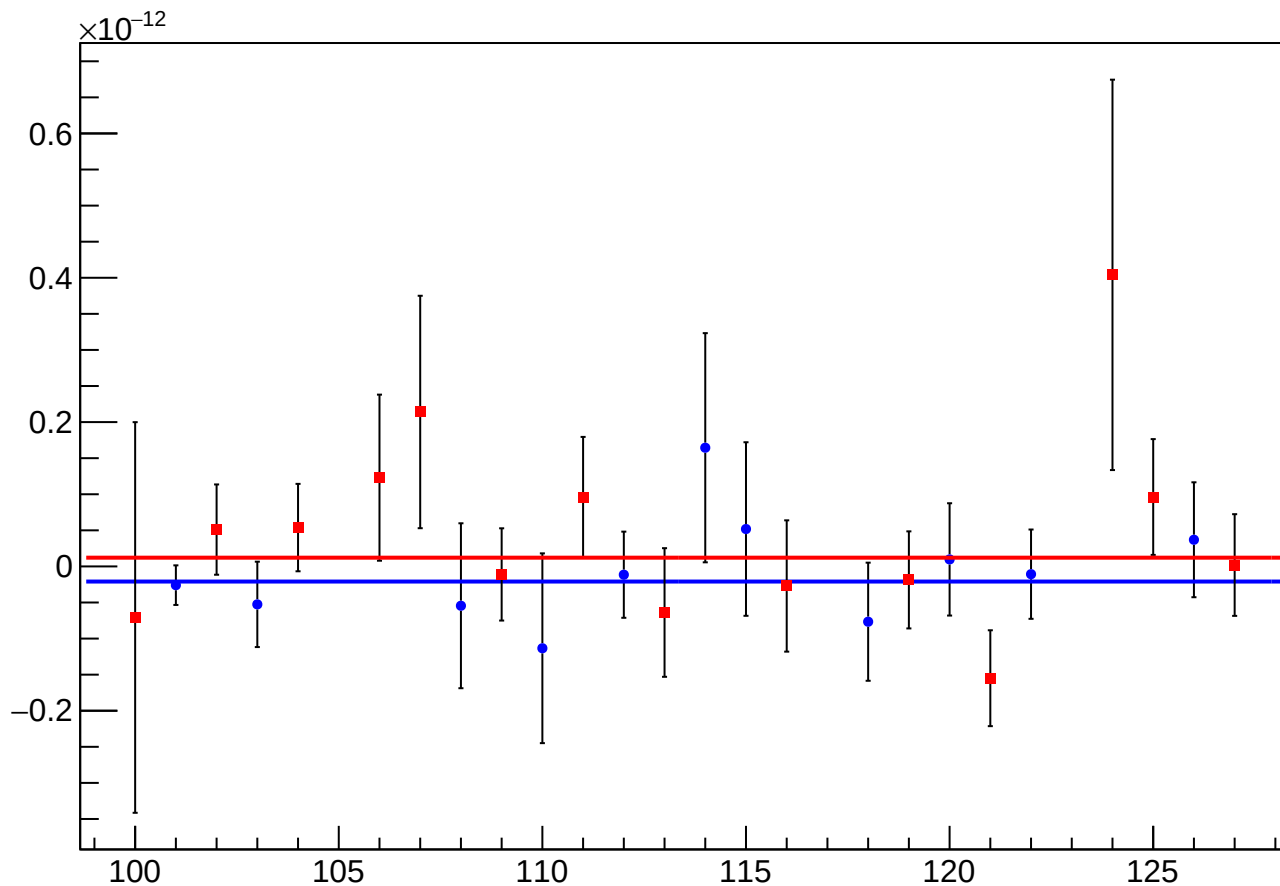
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.951+/-0.011 χ^2/NDF : 3783879.6/24

- 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 : 3.8/10

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 +/- 0.000 χ^2/NDF : 15.2/13

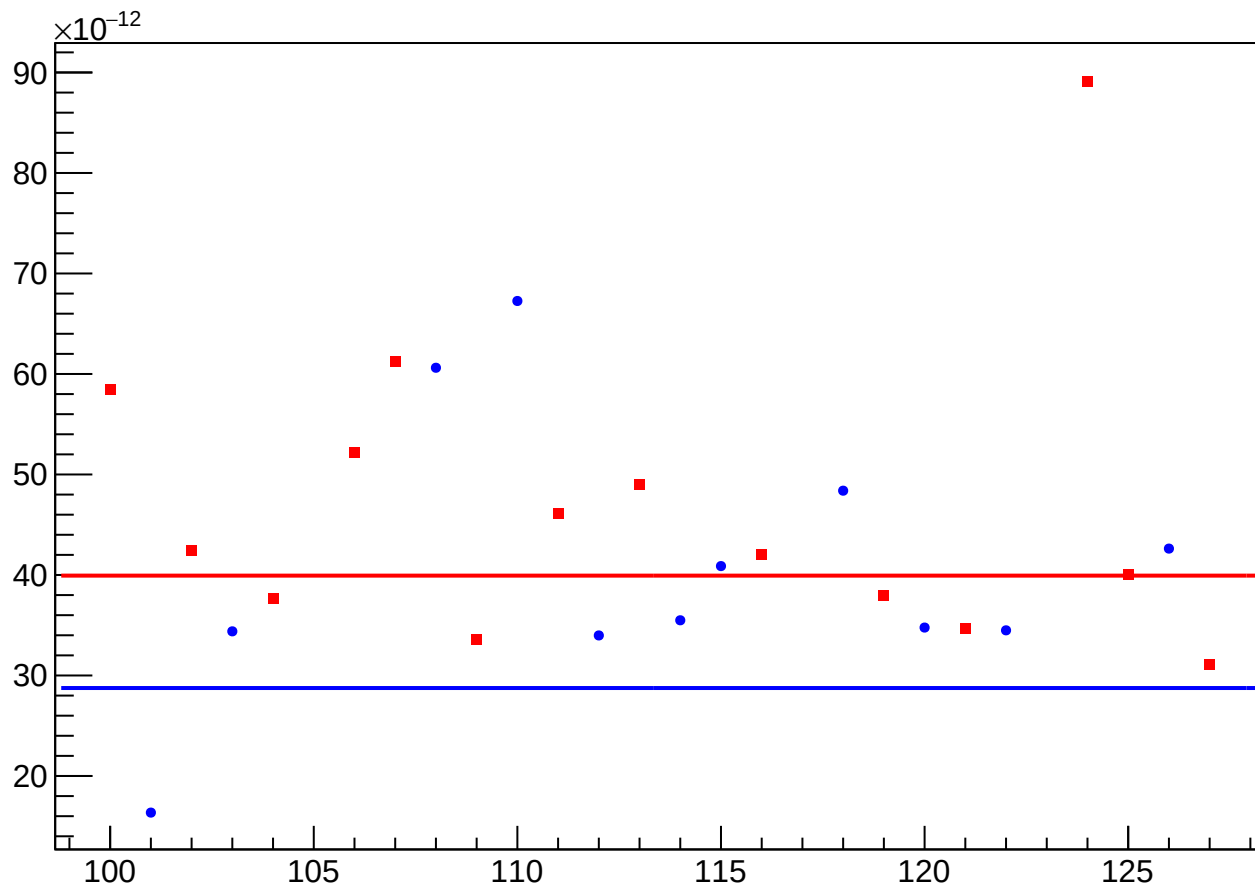
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -0.000 +/- 0.000 χ^2/NDF : 20.4/24

- 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 : 997770.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 237255.2/13

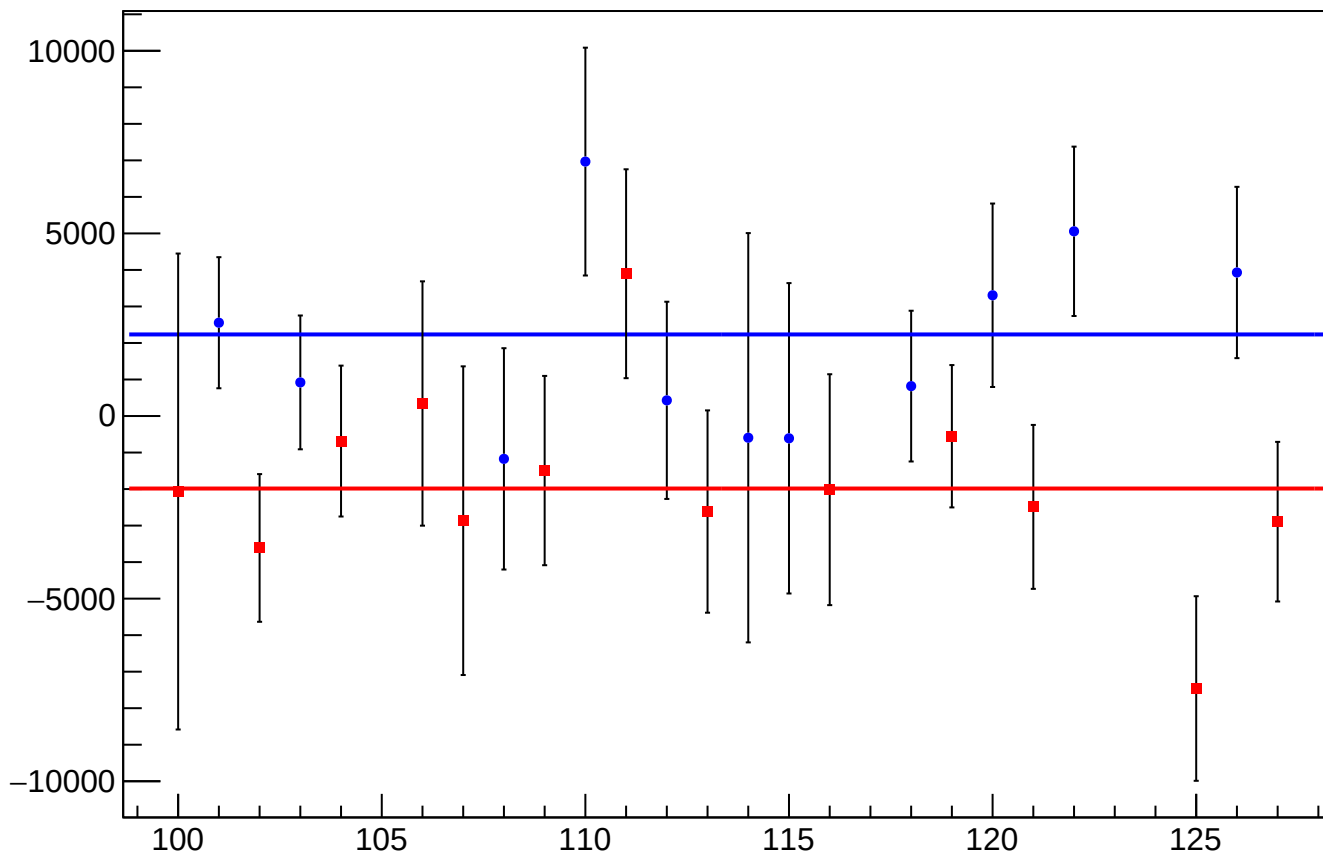
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1539090.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_avg_mean vs Slug



Right In: 2233.889+/-744.191 χ^2/NDF : 7.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1985.287+/-711.187 χ^2/NDF : 11.3/12

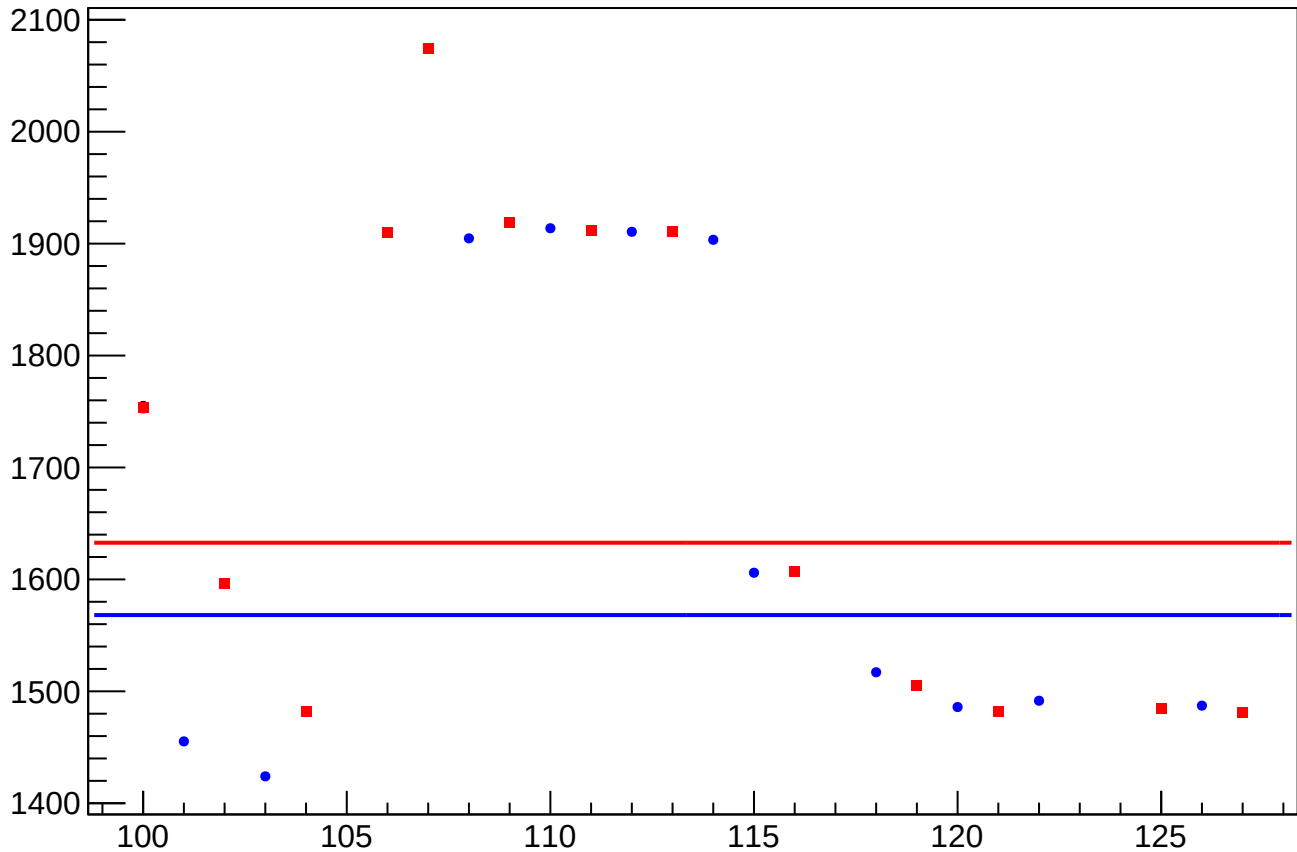
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.669+/-514.157 χ^2/NDF : 36.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_avg_rms vs Slug



Right In: 1568.119+/-0.526 χ^2/NDF : 116941.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1632.767+/-0.503 χ^2/NDF : 145466.7/12

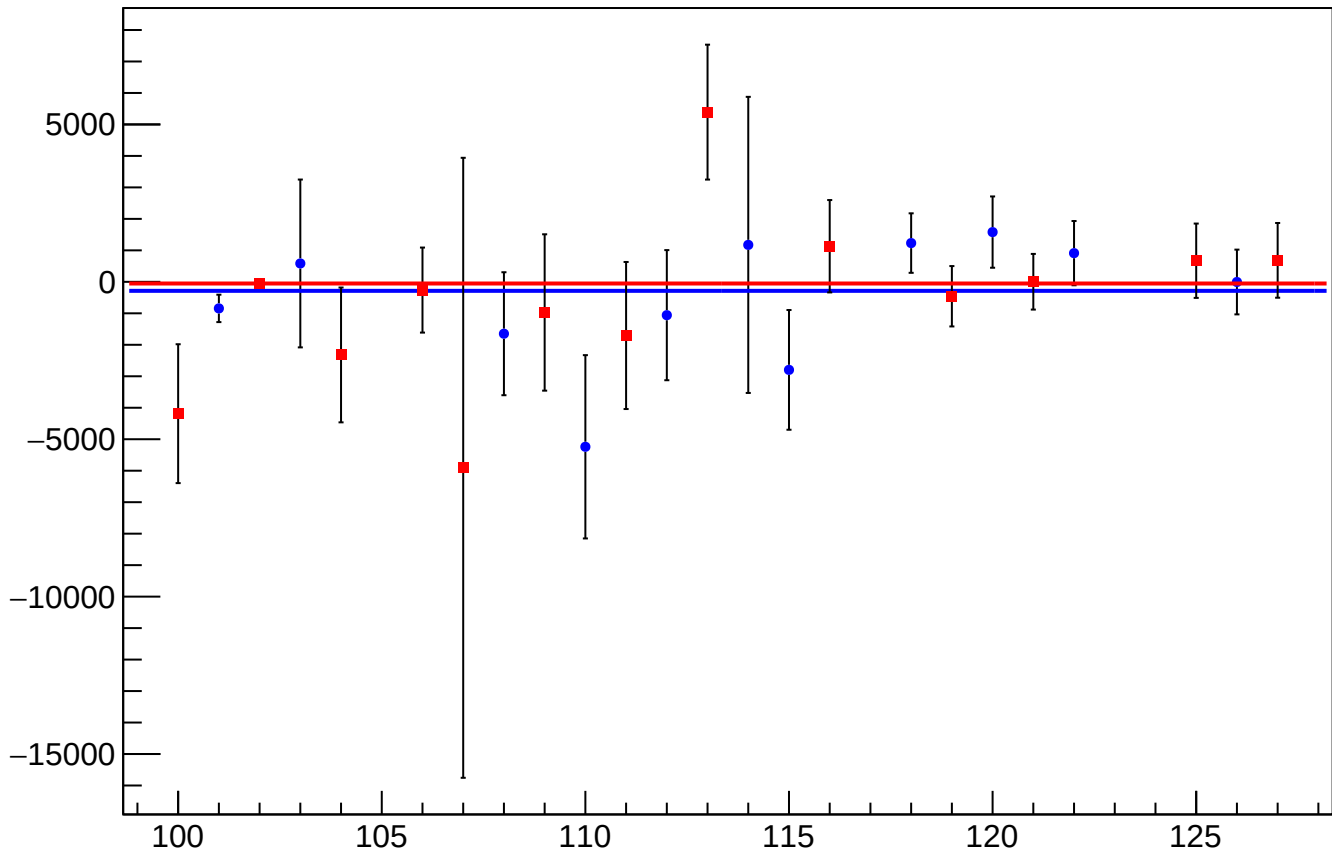
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1601.908+/-0.364 χ^2/NDF : 270296.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_reg_correction_mean vs Slug



Right In: -286.016+/-313.780 χ^2/NDF : 13.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -52.856+/-130.728 χ^2/NDF : 13.7/12

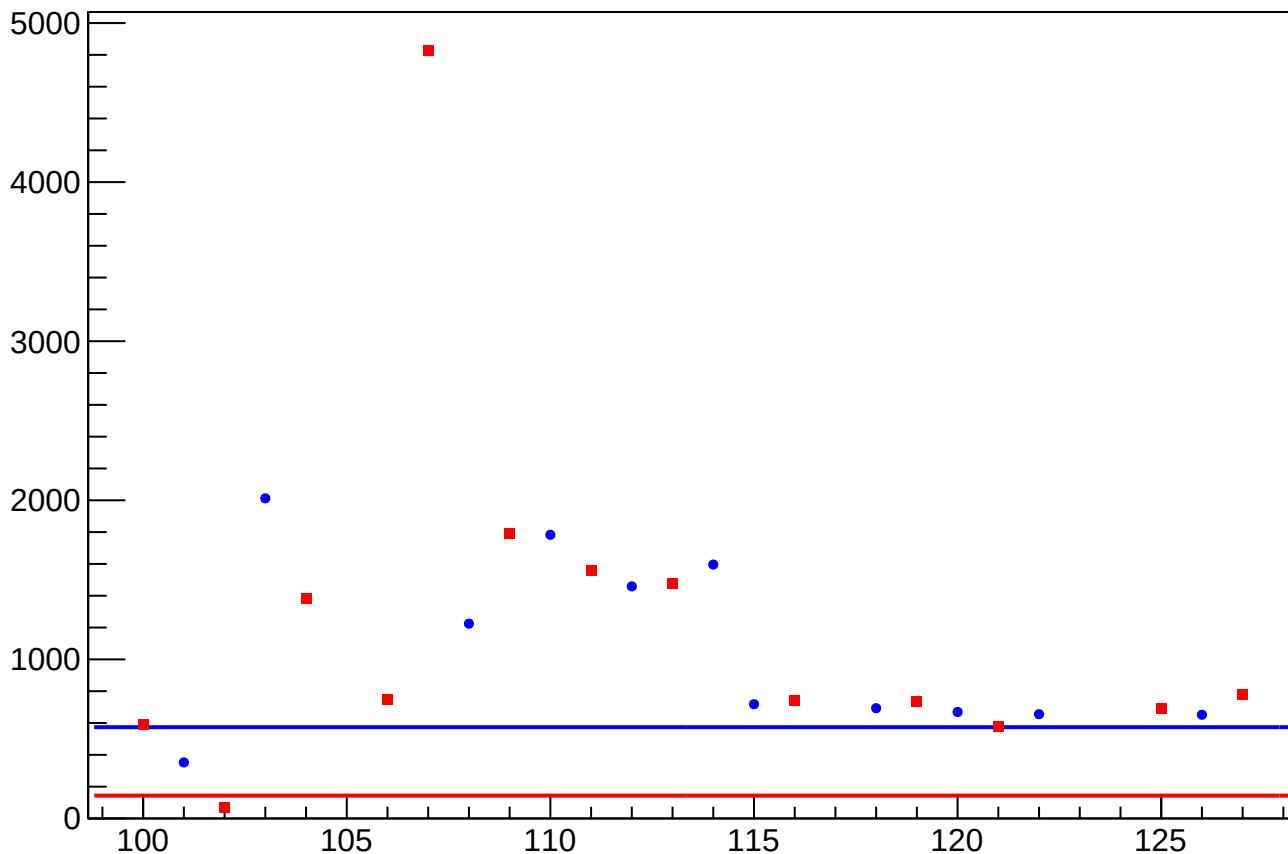
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -87.341+/-120.674 χ^2/NDF : 28.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_reg_correction_rms vs Slug



Right In: 573.820+/-0.222 χ^2/NDF : 2210312.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 143.552+/-0.092 χ^2/NDF : 7149112.5/12

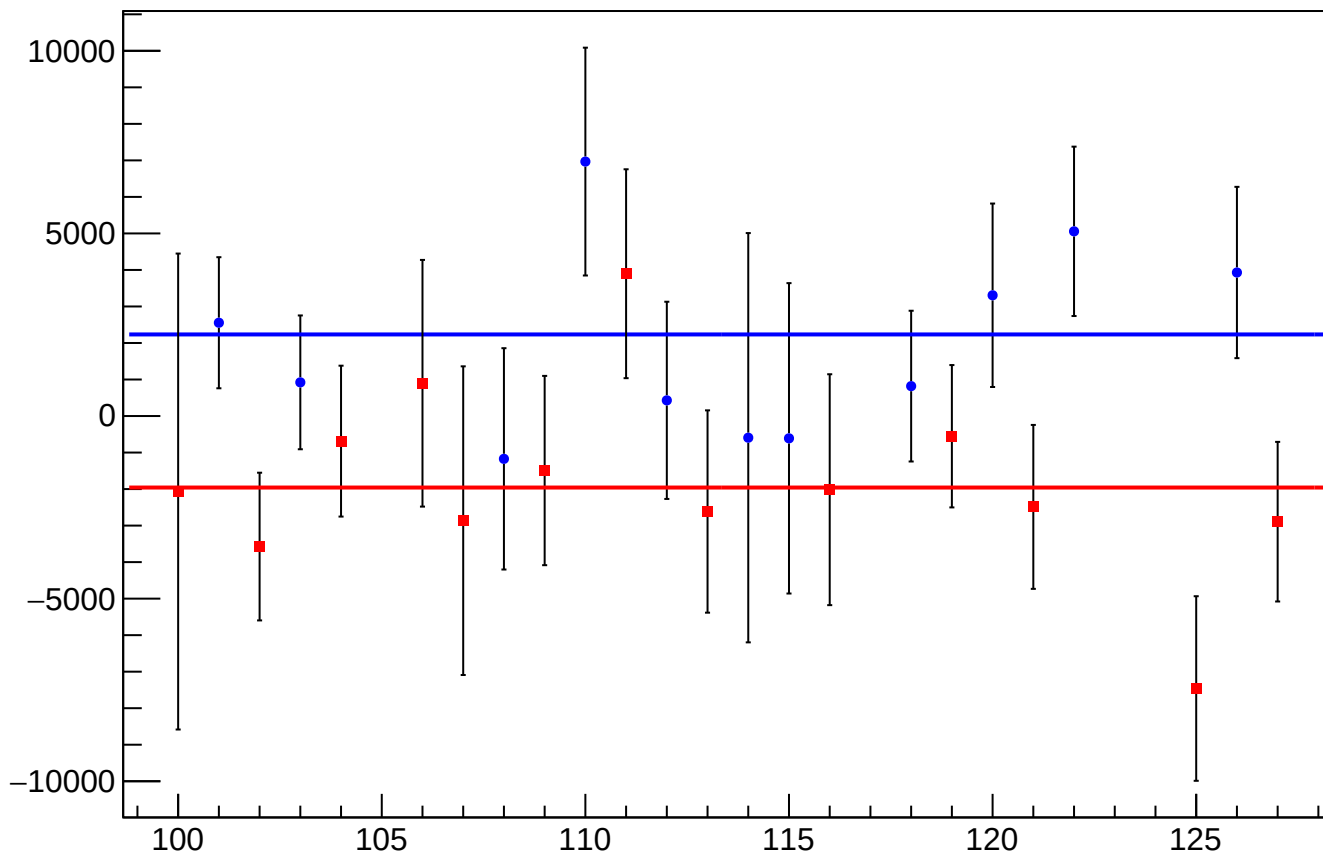
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 207.190+/-0.085 χ^2/NDF : 12563815.9/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_atl1_avg_mean vs Slug



Right In: 2234.127+/-744.191 χ^2/NDF : 7.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1957.926+/-711.505 χ^2/NDF : 11.6/12

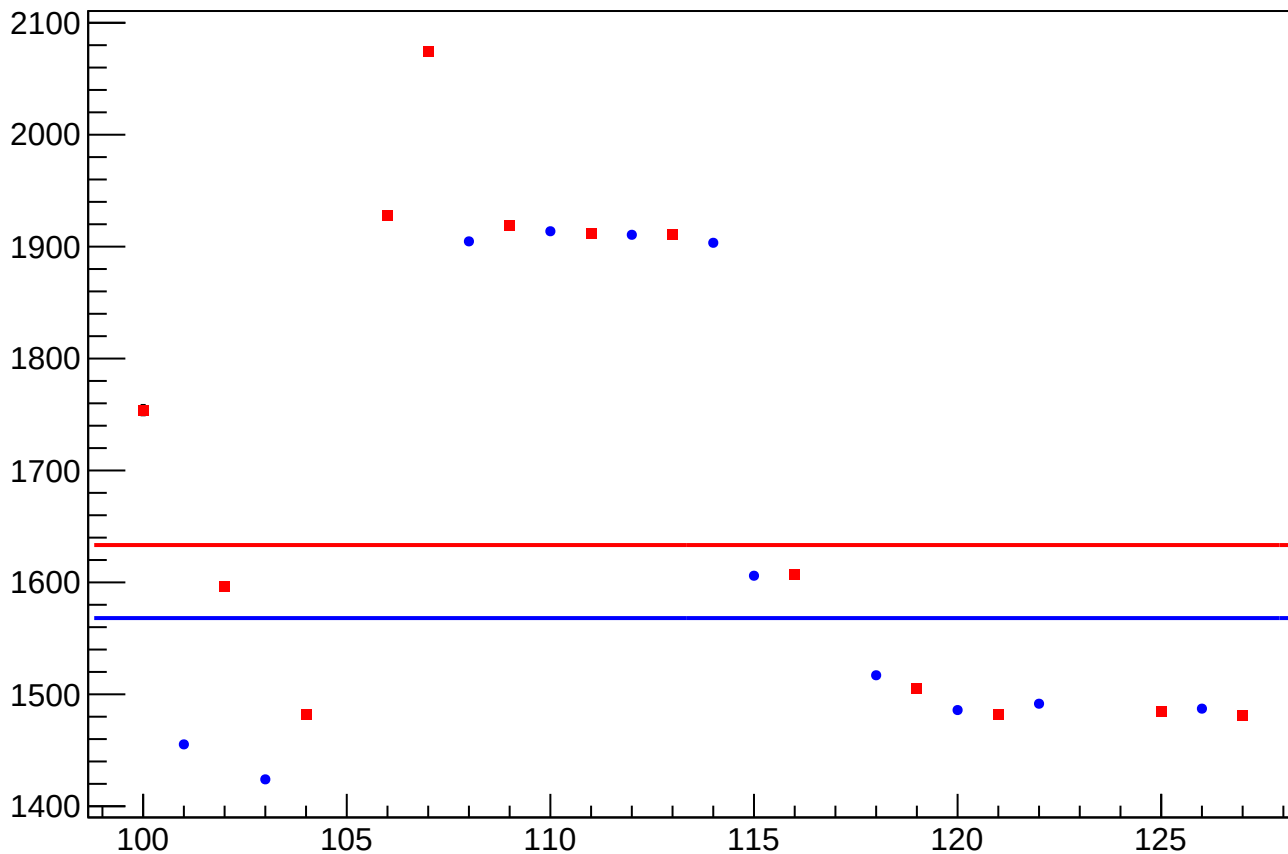
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.019+/-514.277 χ^2/NDF : 36.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_atl1_avg_rms vs Slug



Right In: 1568.119+/-0.526 χ^2/NDF : 116940.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1633.368+/-0.503 χ^2/NDF : 147037.0/12

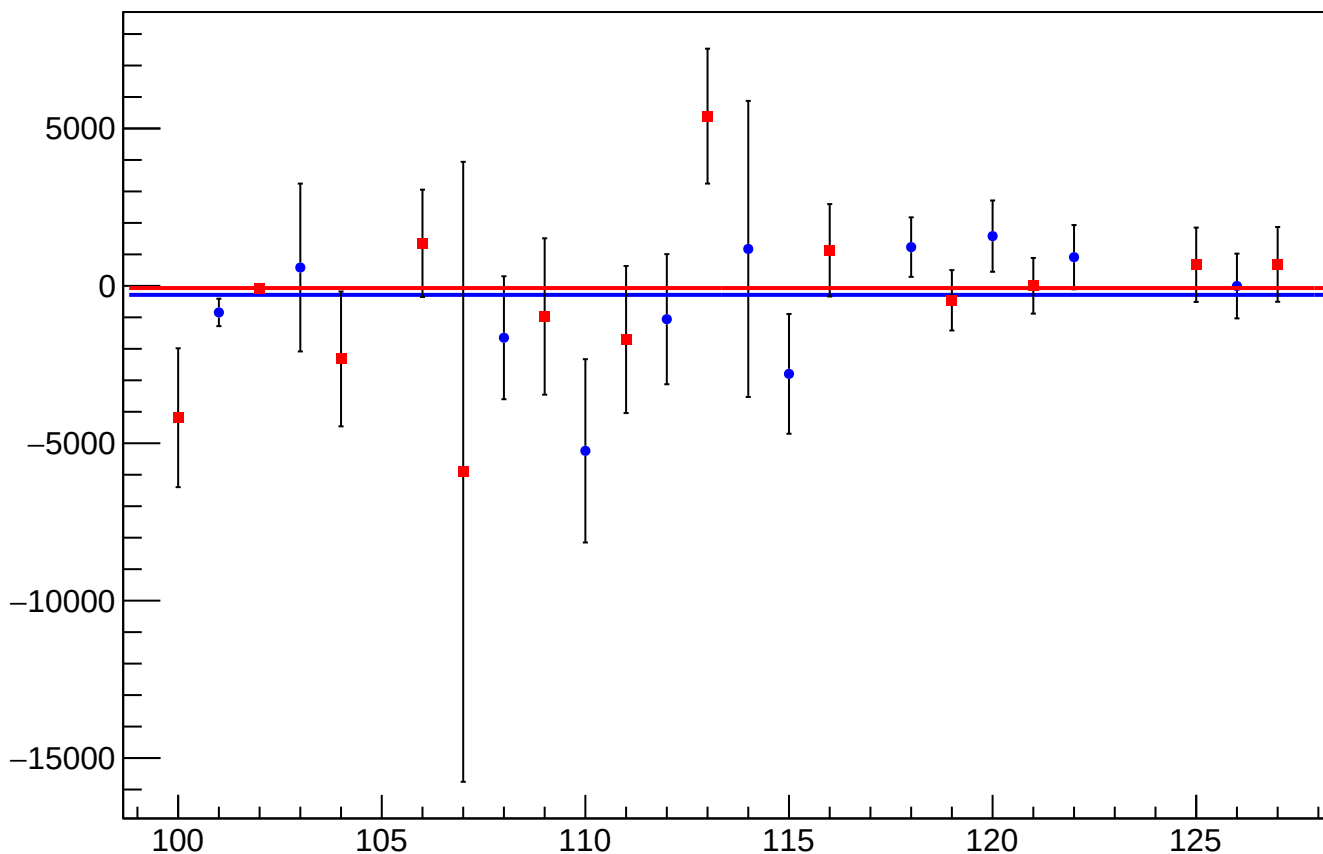
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1602.208+/-0.364 χ^2/NDF : 272010.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_cor_correction_mean vs Slug



Right In: -285.953+/-313.779 χ^2 /NDF: 13.9/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -69.307+/-141.993 χ^2 /NDF: 14.4/12

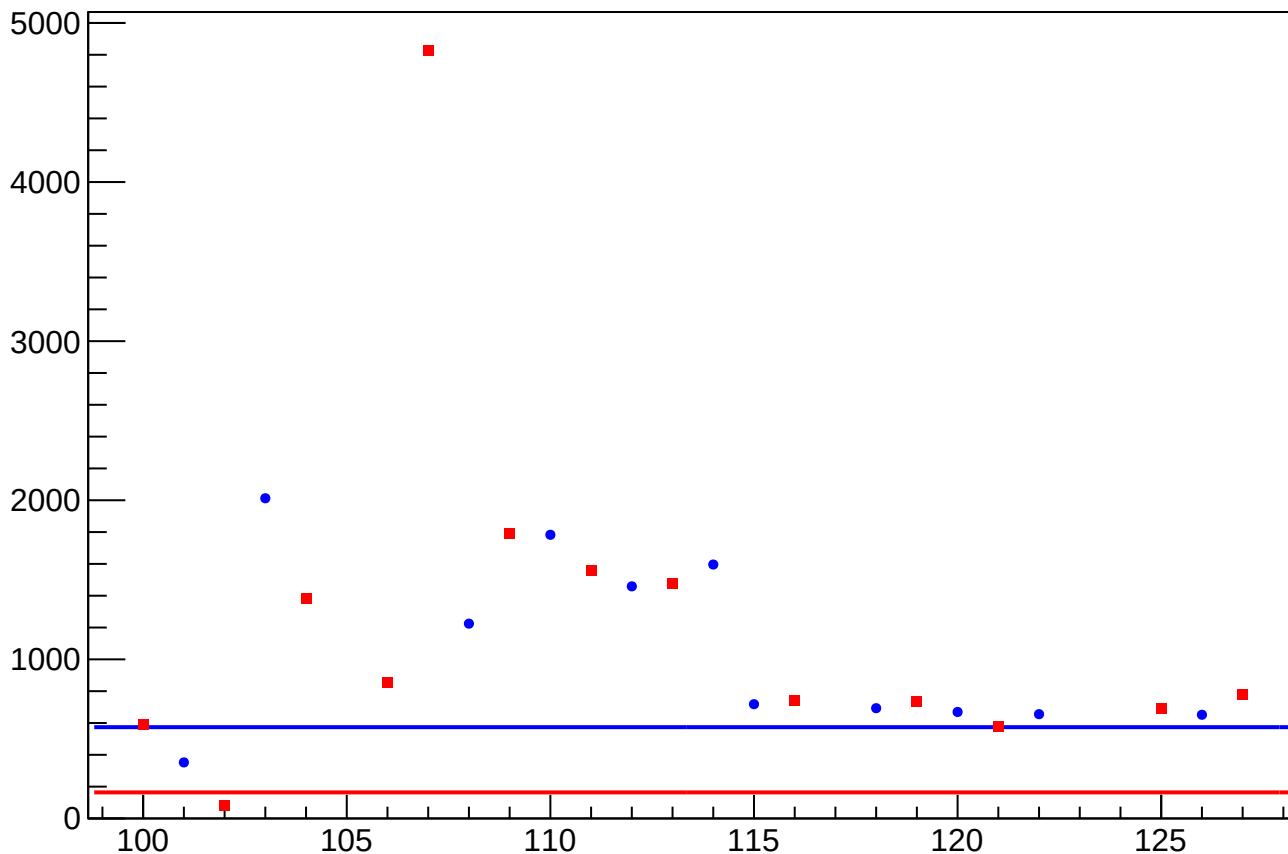
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -106.130+/-129.364 χ^2 /NDF: 28.7/23

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_cor_correction_rms vs Slug



Right In: 573.817+/-0.222 χ^2/NDF : 2210330.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 163.746+/-0.100 χ^2/NDF : 6837964.2/12

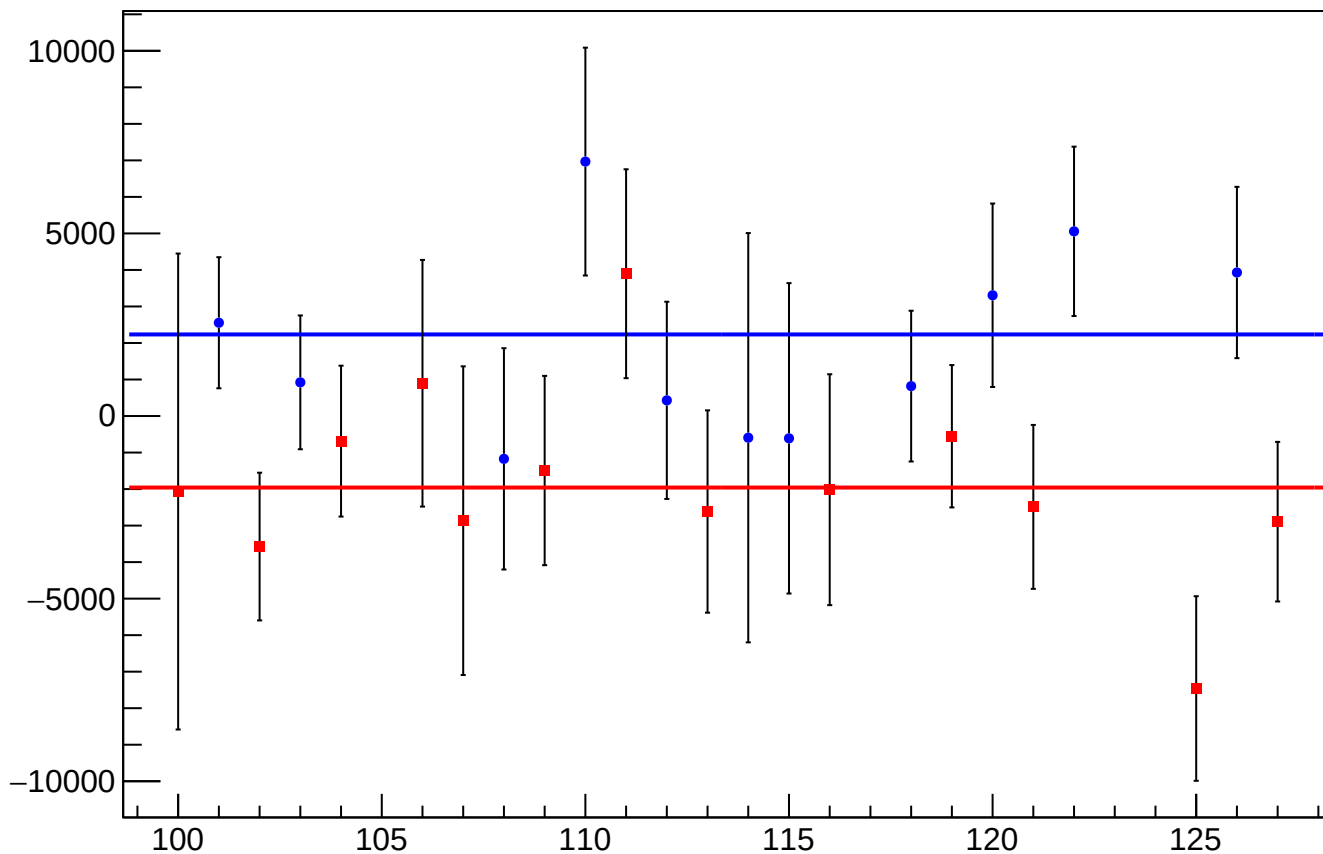
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 233.447+/-0.091 χ^2/NDF : 11883541.9/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_atl1_avg_mean vs Slug



Right In: 2234.127+/-744.191 χ^2 /NDF: 7.9/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1957.926+/-711.505 χ^2 /NDF: 11.6/12

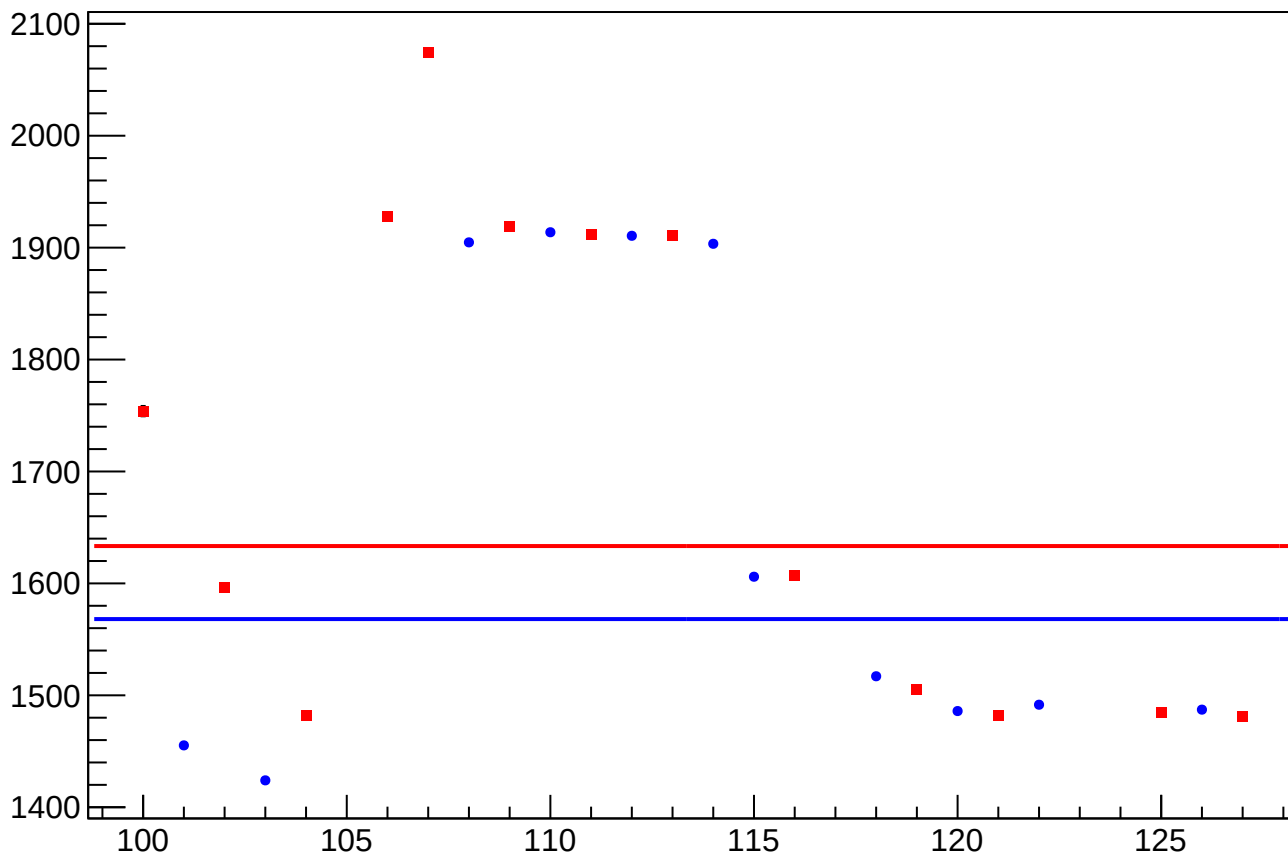
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 44.019+/-514.277 χ^2 /NDF: 36.1/23

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usl_atl1_avg_rms vs Slug



Right In: 1568.119+/-0.526 χ^2/NDF : 116940.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1633.368+/-0.503 χ^2/NDF : 147037.0/12

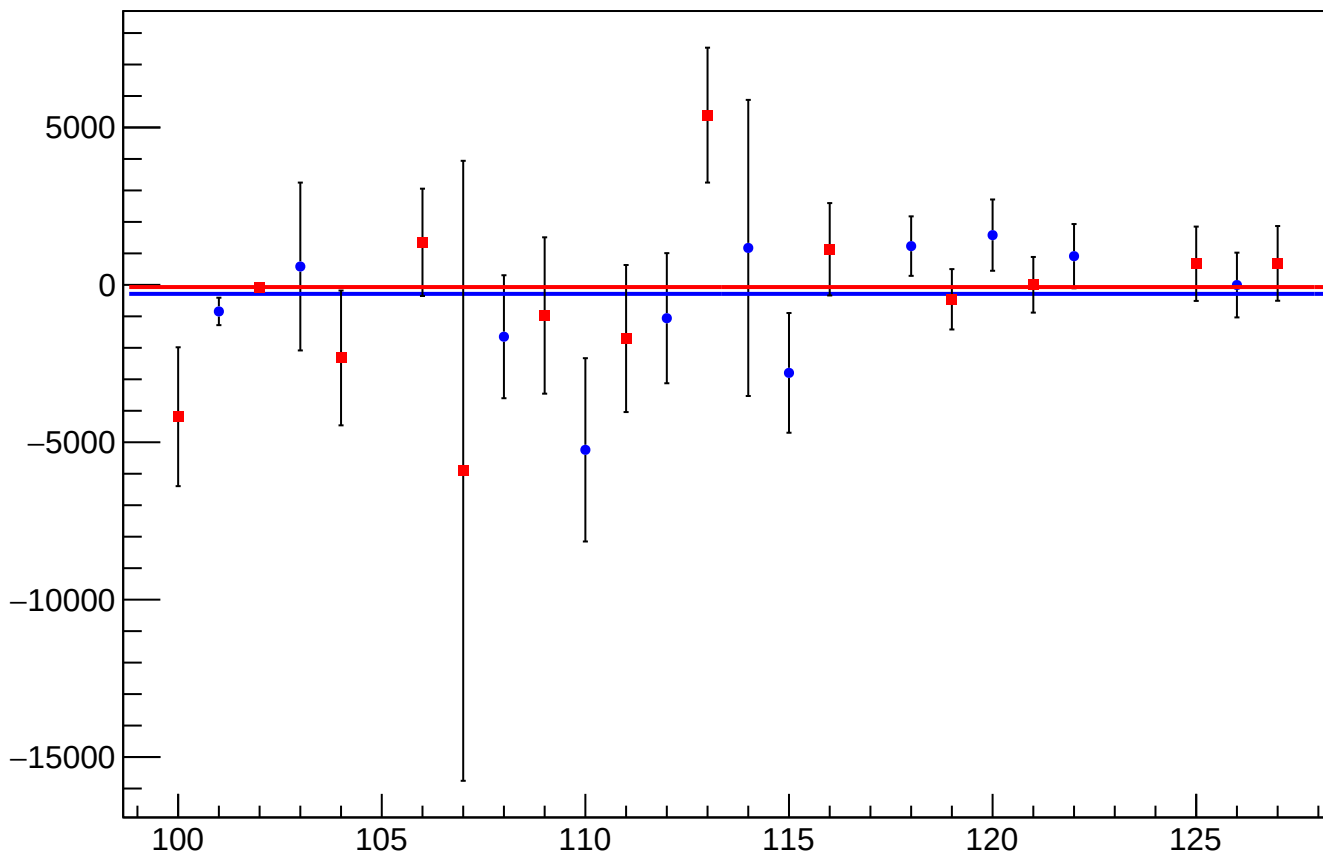
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1602.208+/-0.364 χ^2/NDF : 272010.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_cor_correction_mean vs Slug



Right In: -285.953+/-313.779 χ^2 /NDF: 13.9/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -69.307+/-141.993 χ^2 /NDF: 14.4/12

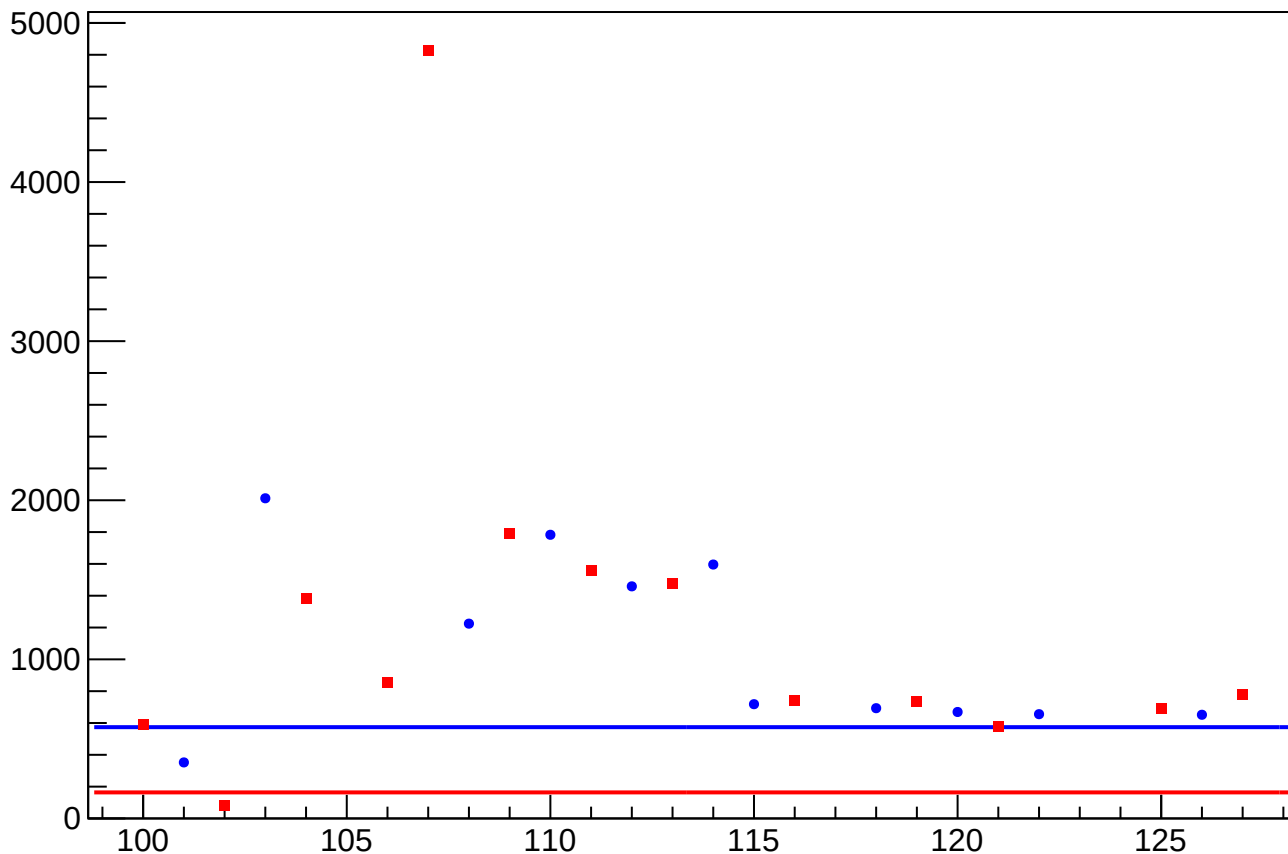
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -106.130+/-129.364 χ^2 /NDF: 28.7/23

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_eigen_cor_correction_rms vs Slug



Right In: 573.817+/-0.222 χ^2/NDF : 2210330.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 163.746+/-0.100 χ^2/NDF : 6837964.2/12

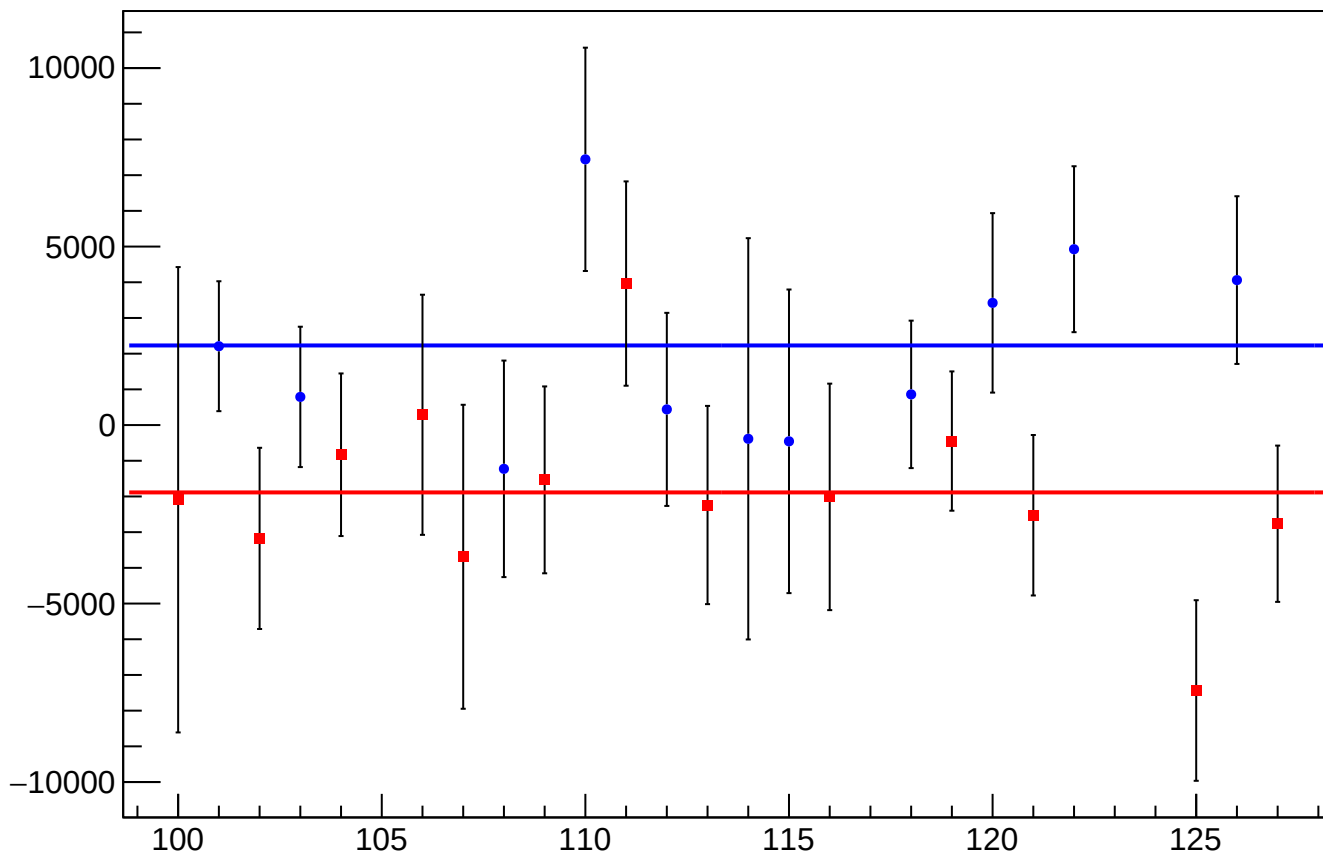
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 233.447+/-0.091 χ^2/NDF : 11883541.9/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_atl1_avg_mean vs Slug



Right In: 2230.039 $\pm$ 754.961 χ^2 /NDF: 8.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1886.806 $\pm$ 737.620 χ^2 /NDF: 10.9/12

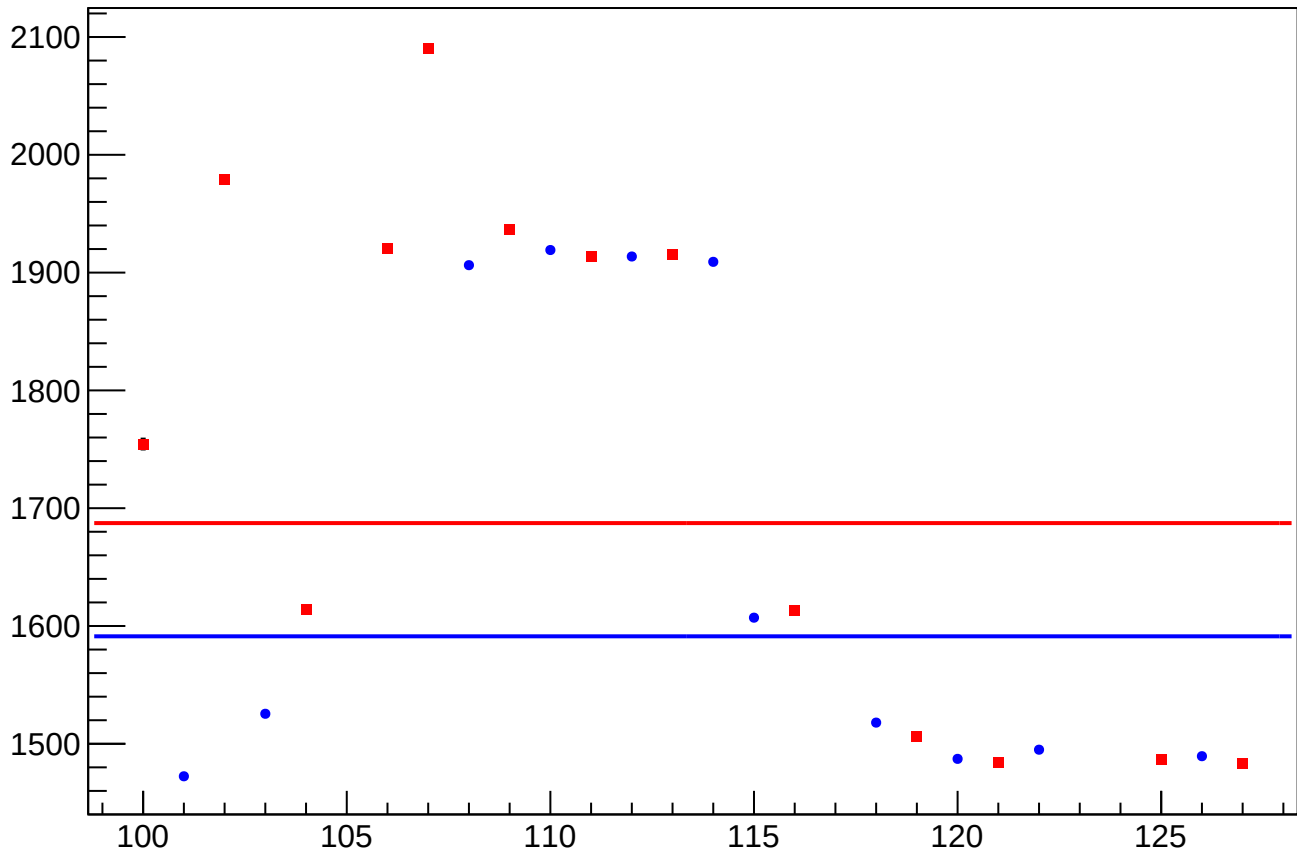
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 123.793 $\pm$ 527.600 χ^2 /NDF: 34.4/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_usl_atl1_avg_rms vs Slug



Right In: 1591.239+/-0.534 χ^2/NDF : 102316.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

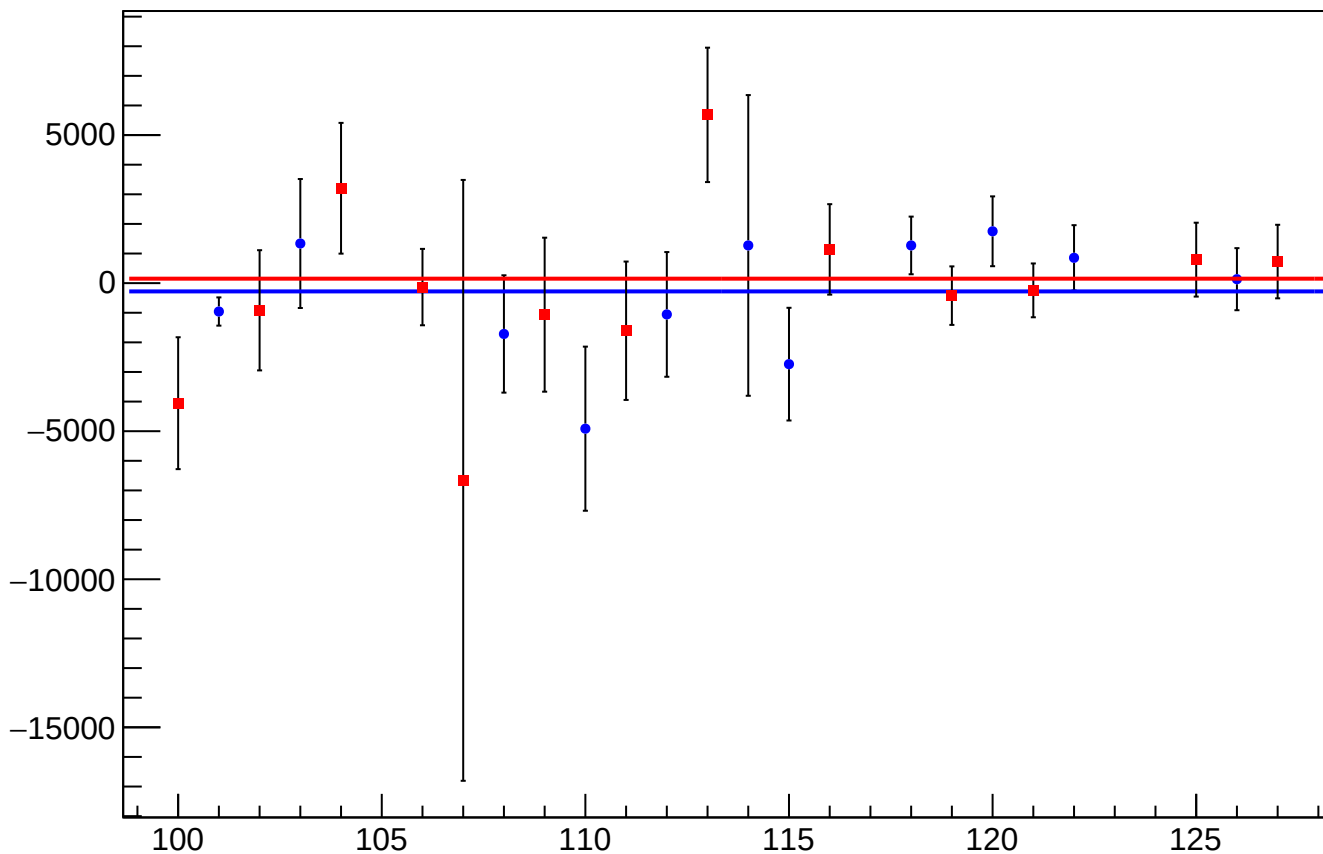
Right Out: 1687.356+/-0.522 χ^2/NDF : 165104.9/12

All: 1640.414+/-0.373 χ^2/NDF : 284006.8/23

- 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_dit_correction_mean vs Slug



Right In: -279.339+/-332.572 χ^2/NDF : 14.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.811+/-417.390 χ^2/NDF : 14.4/12

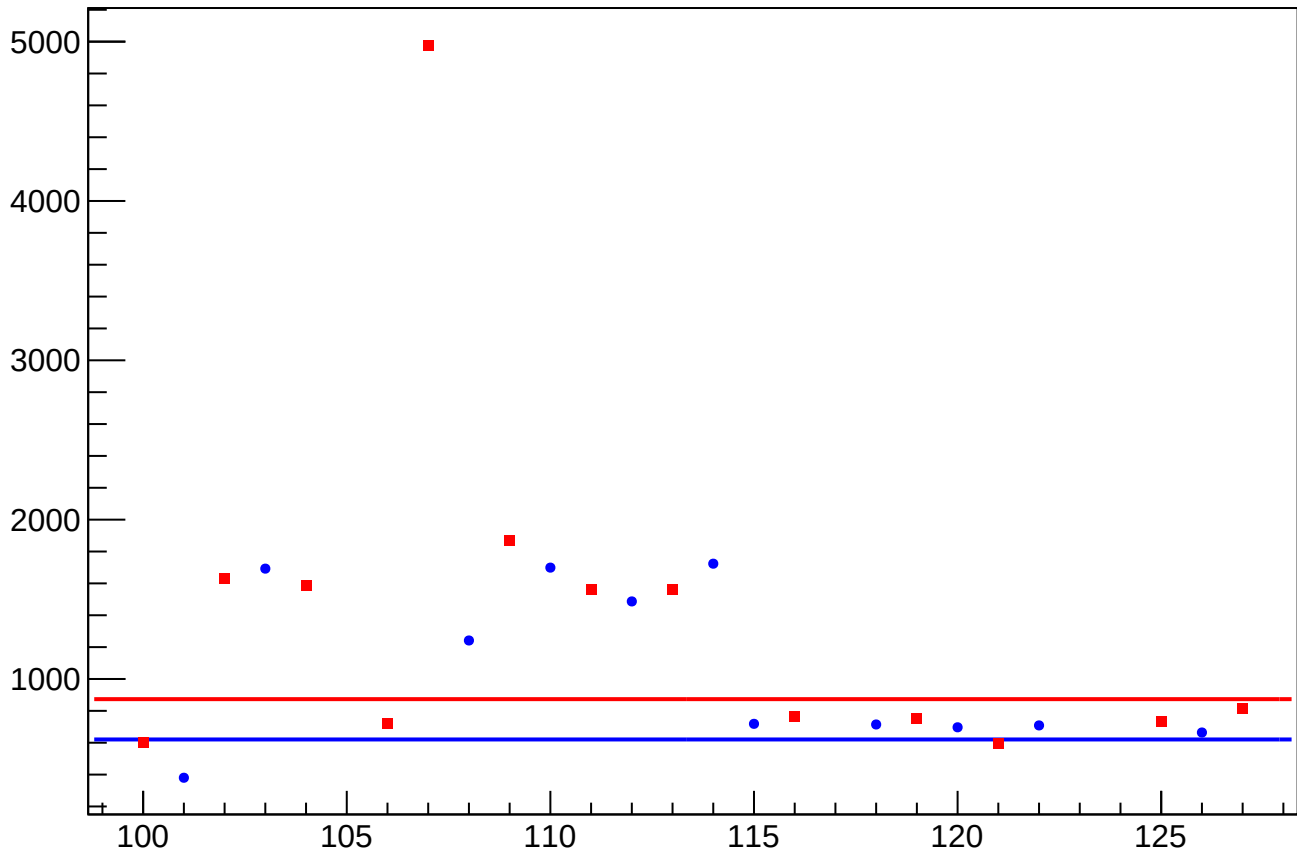
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -112.298+/-260.102 χ^2/NDF : 29.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_dit_correction_rms vs Slug



Right In: 620.462+/-0.235 χ^2/NDF : 1973374.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 873.492+/-0.295 χ^2/NDF : 1775380.9/12

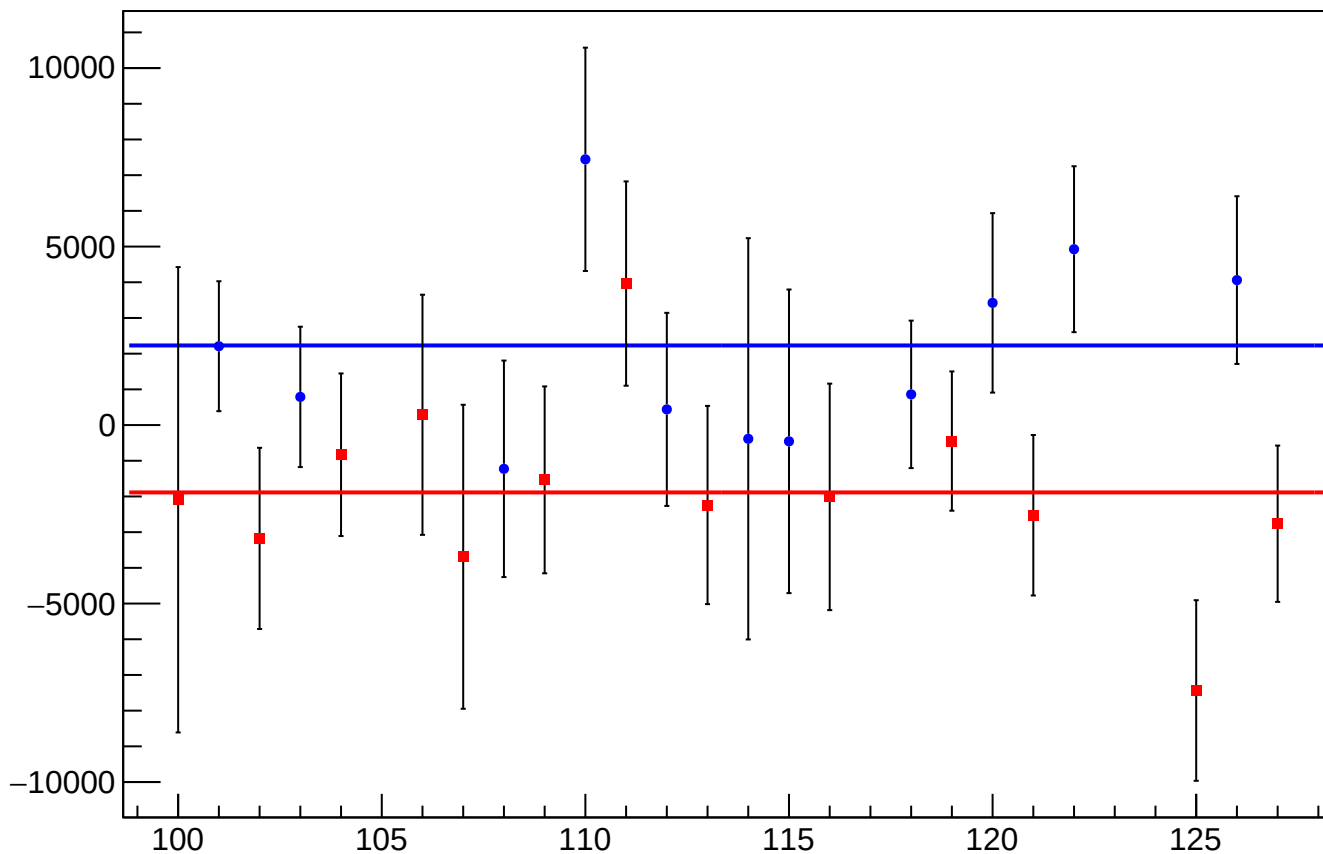
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 718.721+/-0.184 χ^2/NDF : 4198337.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_atl1_avg_mean vs Slug



Right In: 2230.036 $\pm$ 754.961 χ^2 /NDF: 8.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1886.803 $\pm$ 737.620 χ^2 /NDF: 10.9/12

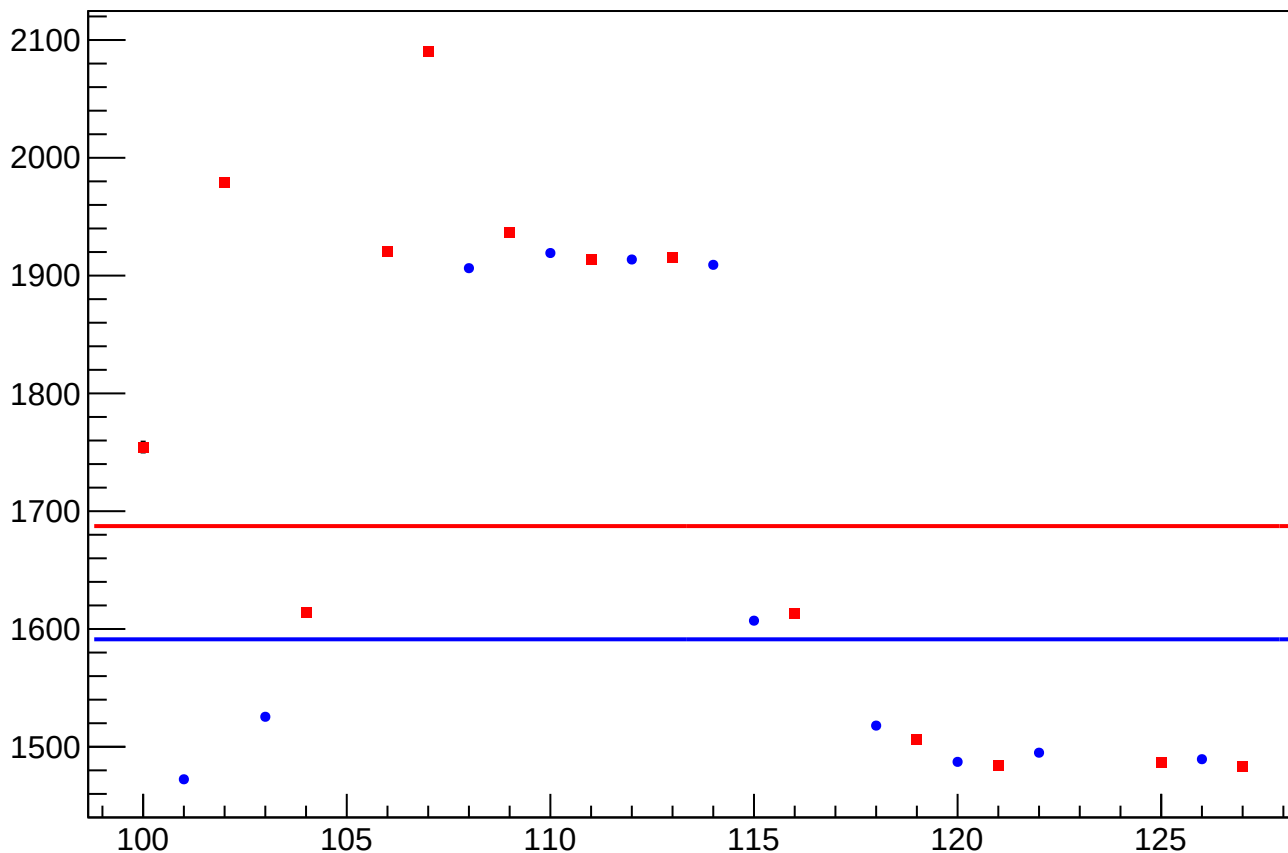
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 123.793 $\pm$ 527.600 χ^2 /NDF: 34.4/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_usl_atl1_avg_rms vs Slug



Right In: 1591.239+/-0.534 χ^2/NDF : 102316.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1687.356+/-0.522 χ^2/NDF : 165104.9/12

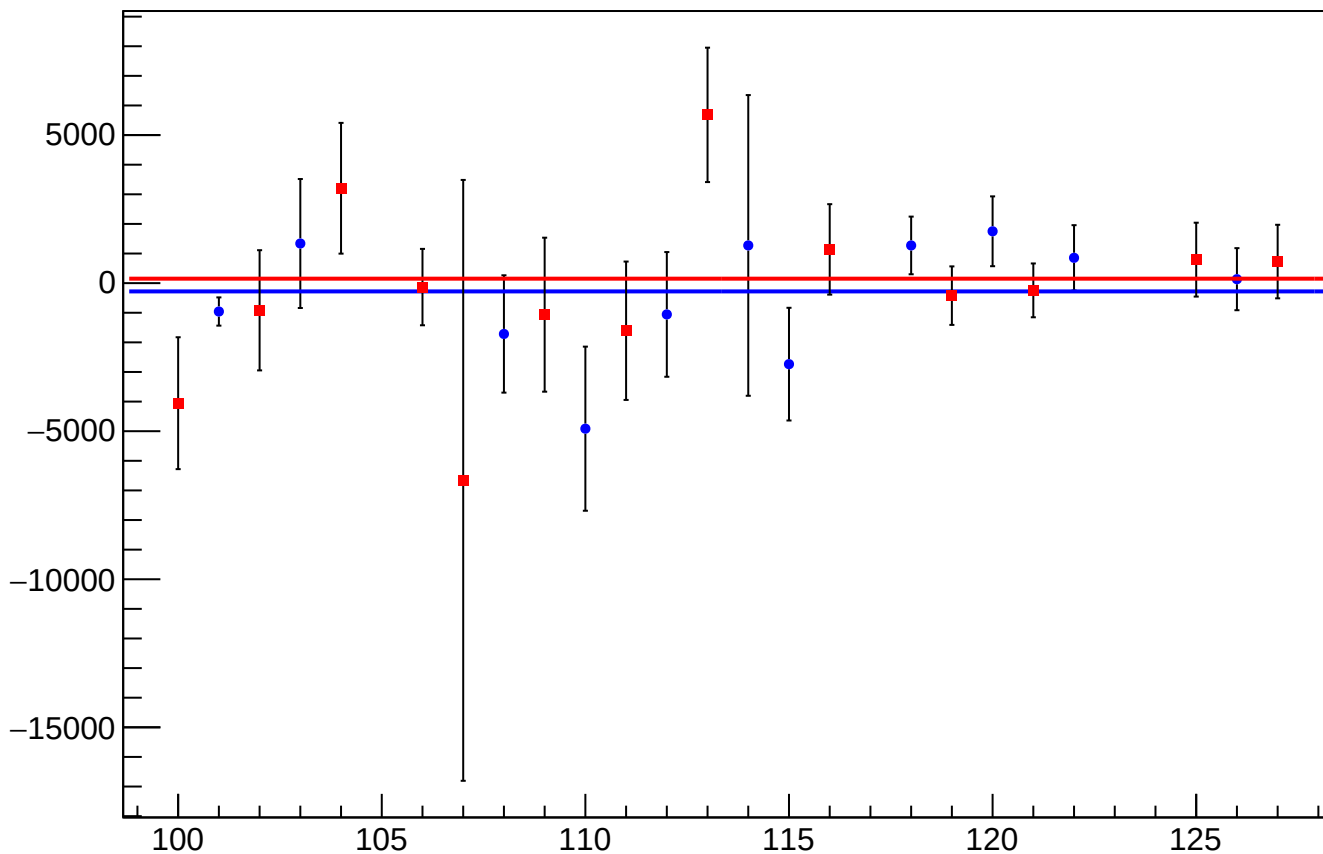
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1640.414+/-0.373 χ^2/NDF : 284007.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_dit_correction_mean vs Slug



Right In: -279.338+/-332.572 χ^2/NDF : 14.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.810+/-417.389 χ^2/NDF : 14.4/12

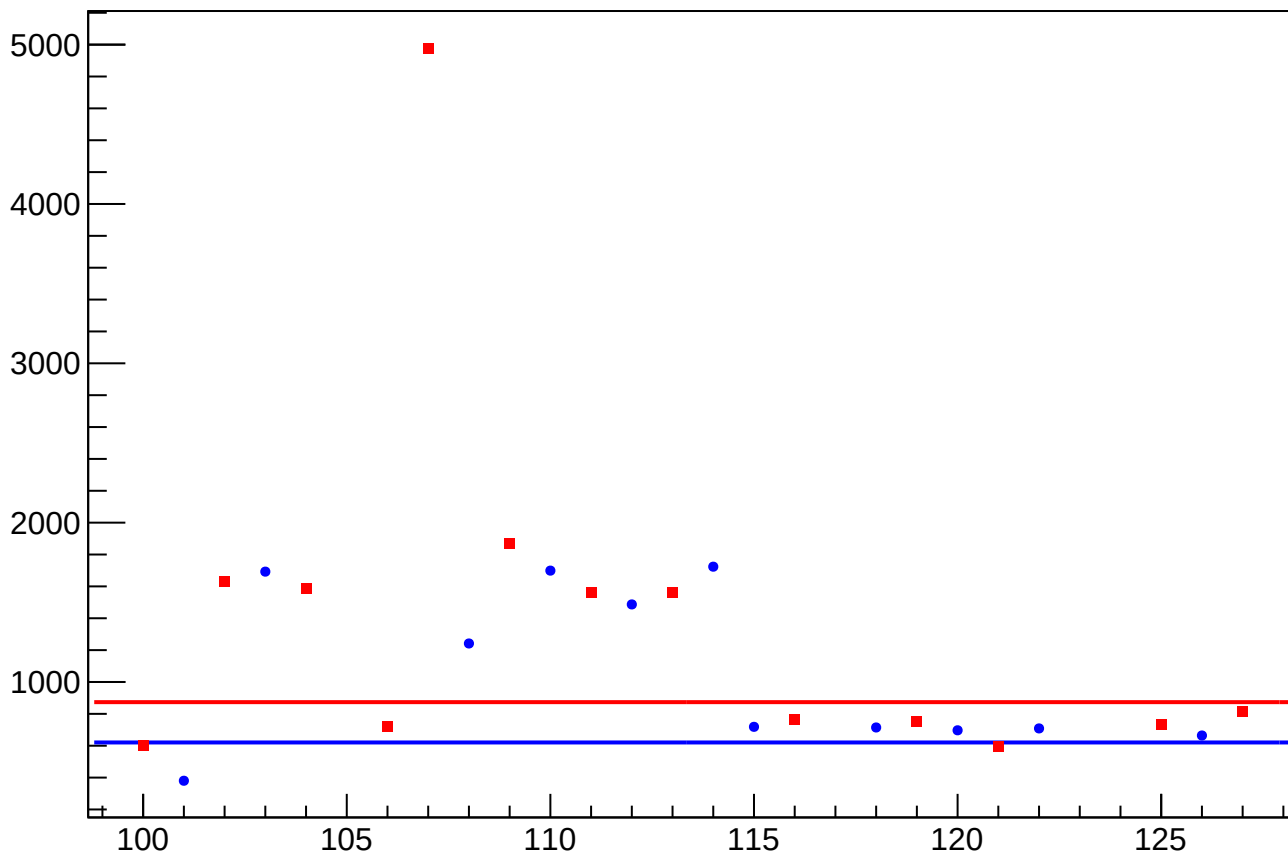
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -112.298+/-260.102 χ^2/NDF : 29.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_dit_correction_rms vs Slug



Right In: 620.462+/-0.235 χ^2/NDF : 1973368.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 873.491+/-0.295 χ^2/NDF : 1775388.2/12

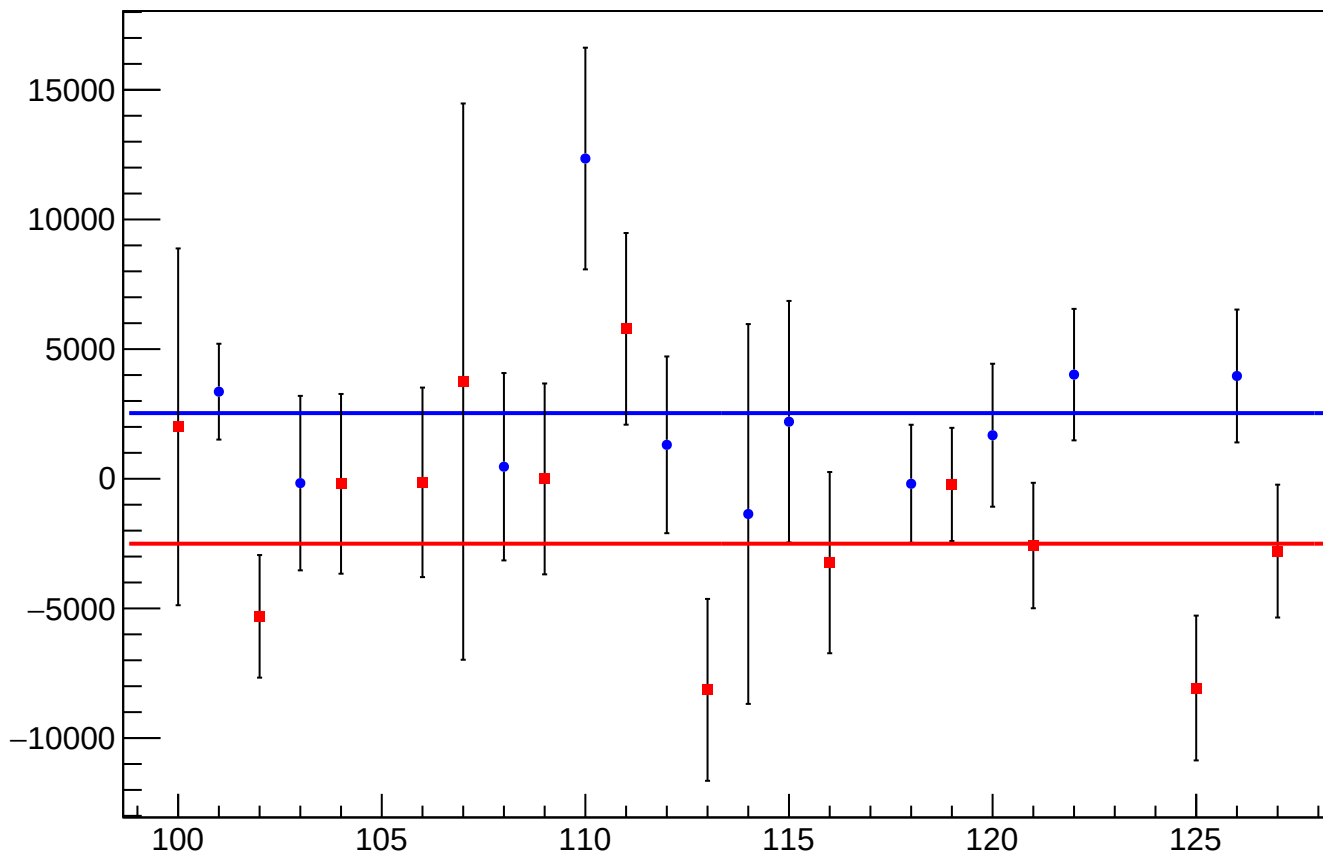
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 718.721+/-0.184 χ^2/NDF : 4198333.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_mean vs Slug



Right In: 2532.412 $\pm$ 878.469 χ^2 /NDF: 9.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2503.543 $\pm$ 864.350 χ^2 /NDF: 16.2/12

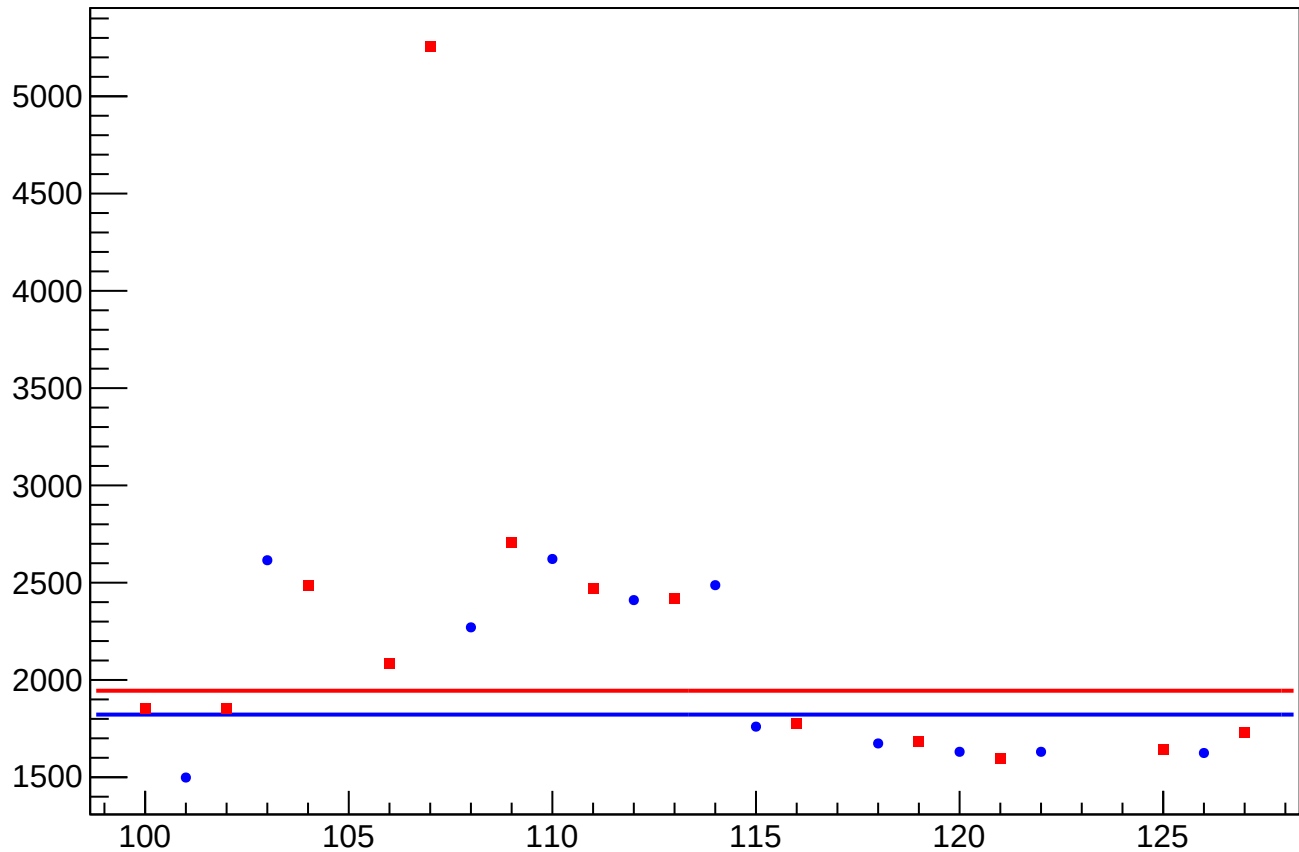
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -26.361 $\pm$ 616.119 χ^2 /NDF: 42.0/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_rms vs Slug



Right In: 1822.082+/-0.621 χ^2 /NDF: 391211.8/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1944.719+/-0.611 χ^2 /NDF: 521111.2/12

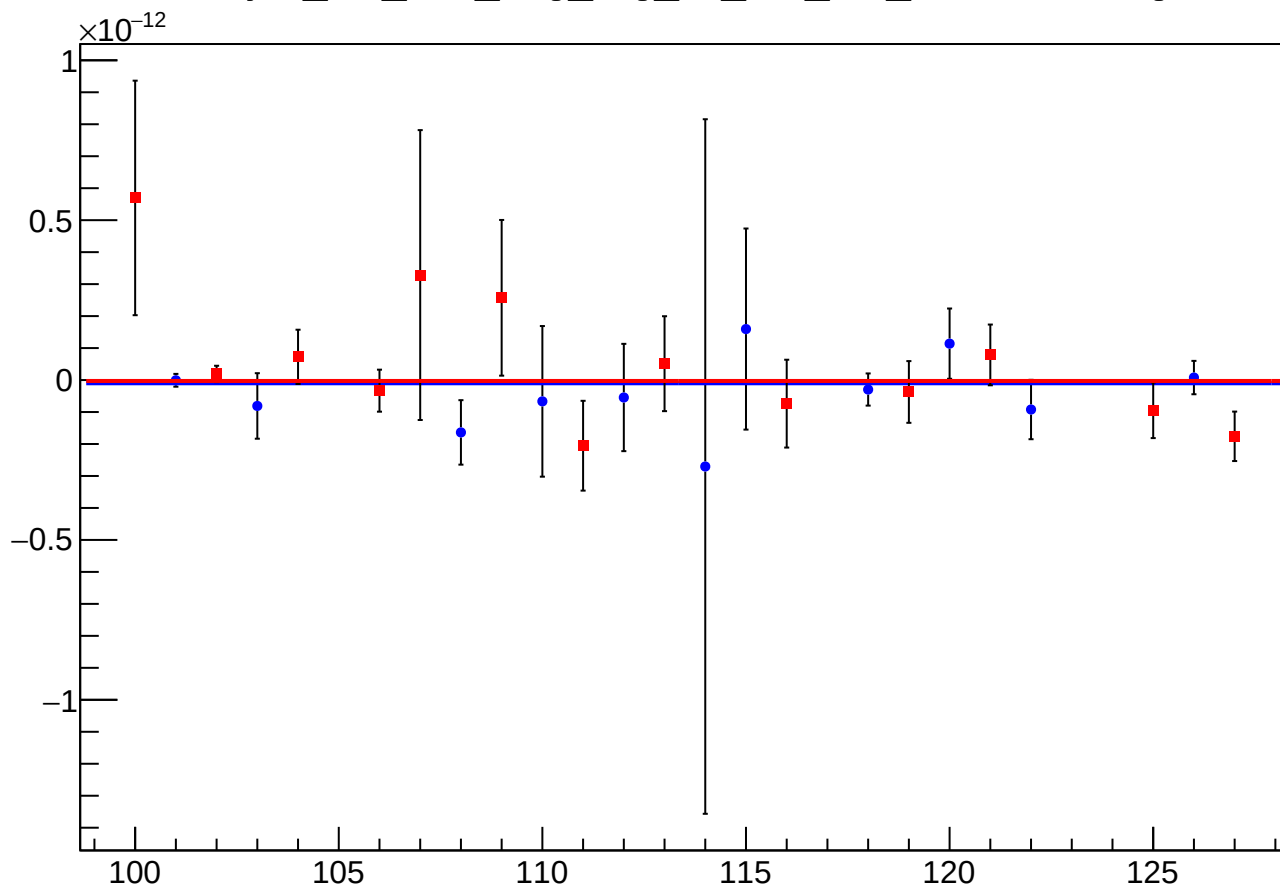
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1884.394+/-0.436 χ^2 /NDF: 932127.6/23

- 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: 5.8/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 15.3/12

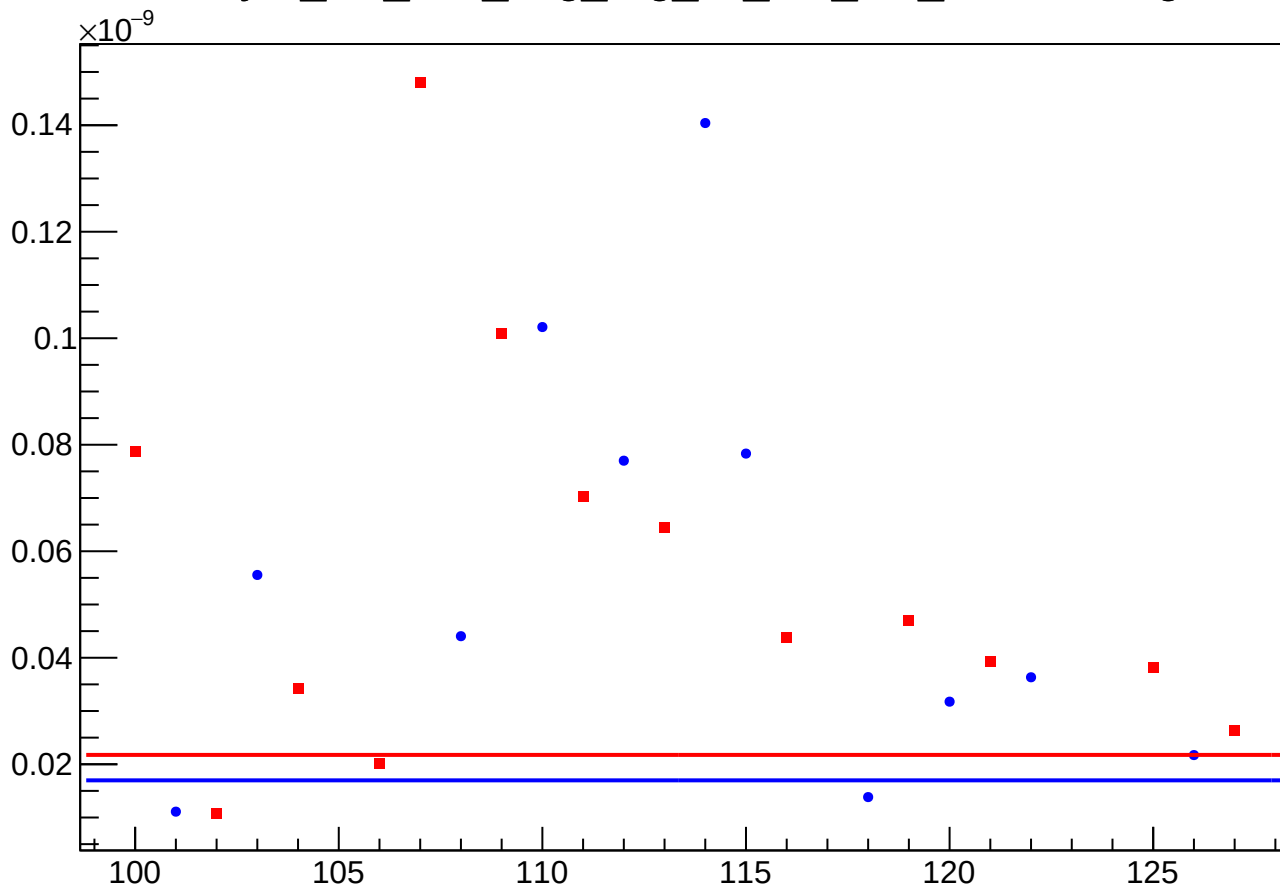
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 21.2/23

- 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 : 1366987.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1571978.5/12

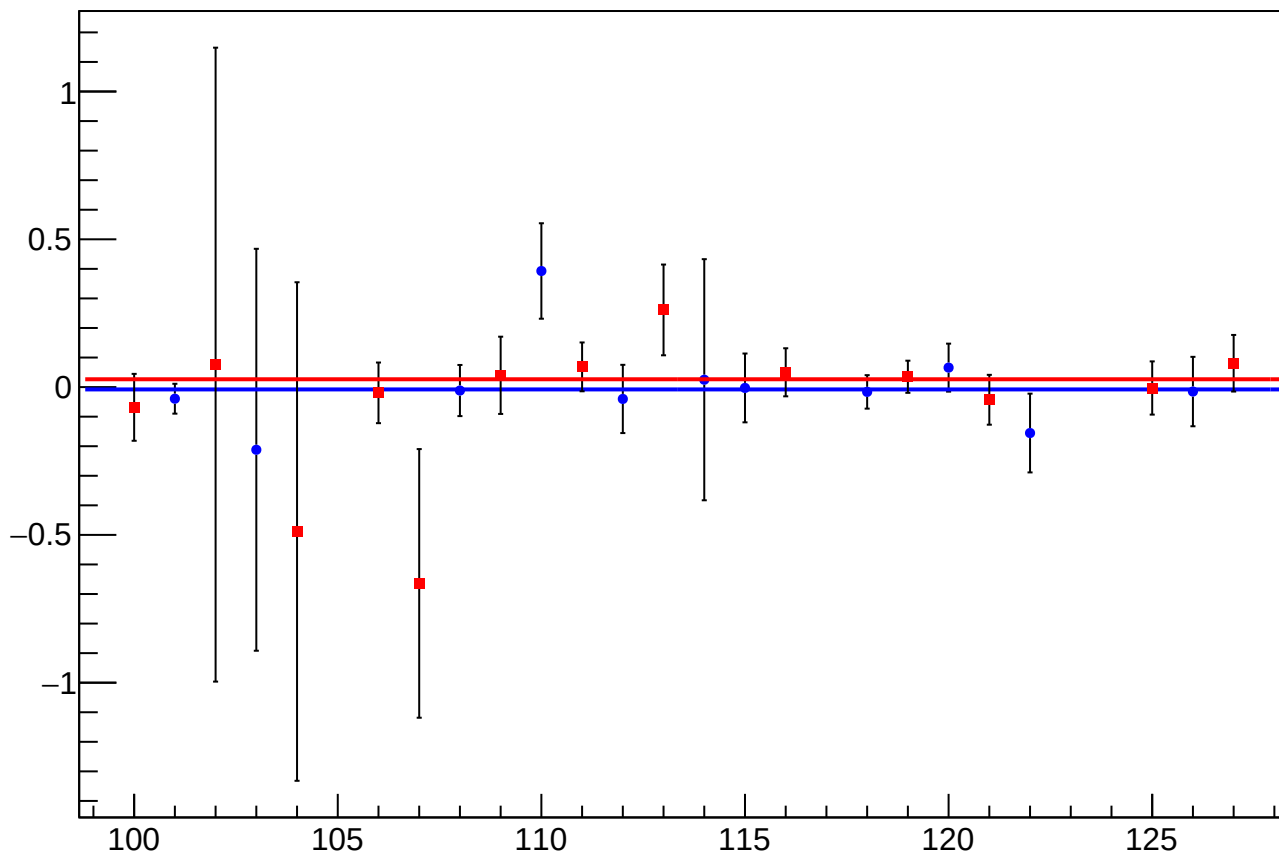
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3008774.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.008 $\pm$ 0.028 χ^2 /NDF: 8.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.027 $\pm$ 0.028 χ^2 /NDF: 7.4/12

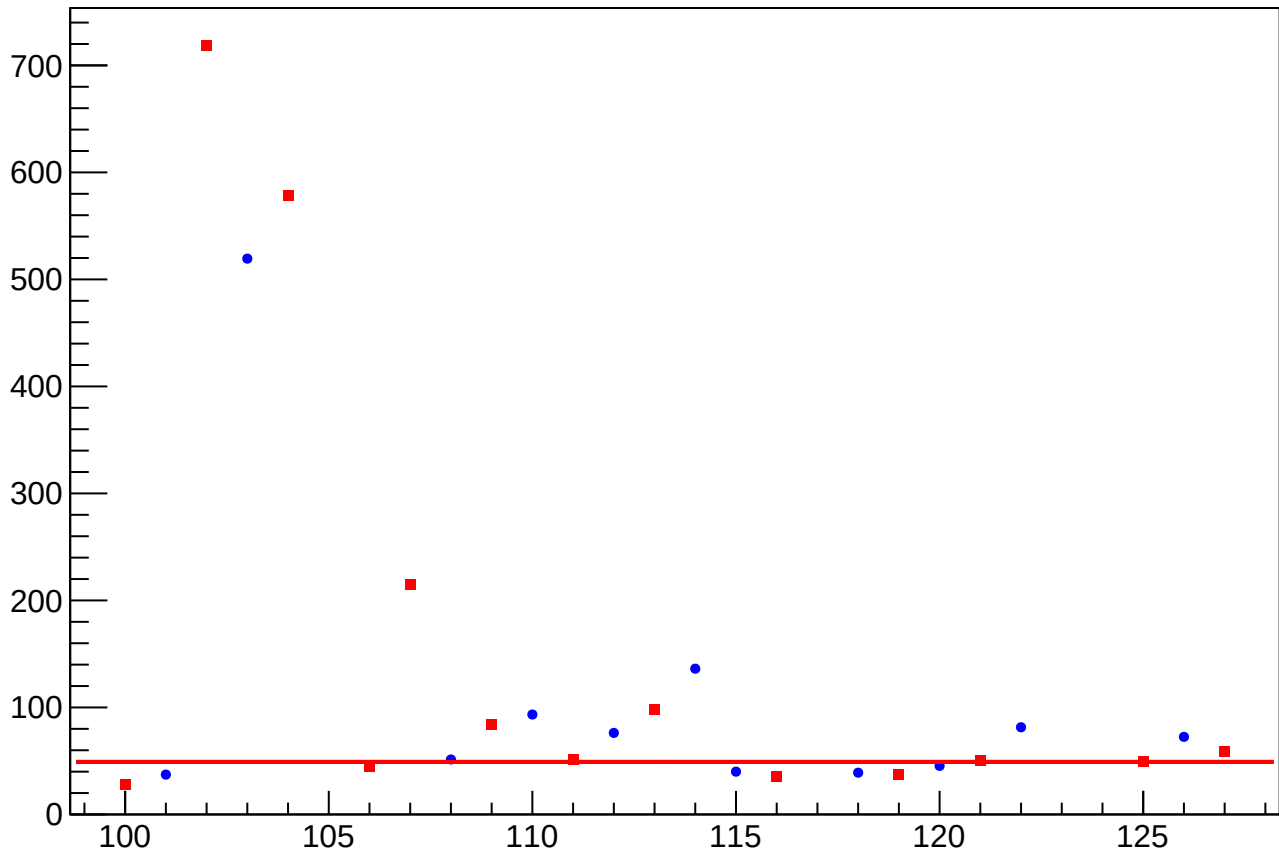
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.020 χ^2 /NDF: 17.0/23

- 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: 49.154+/-0.020 χ^2/NDF : 1697948.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.062+/-0.020 χ^2/NDF : 2421668.5/12

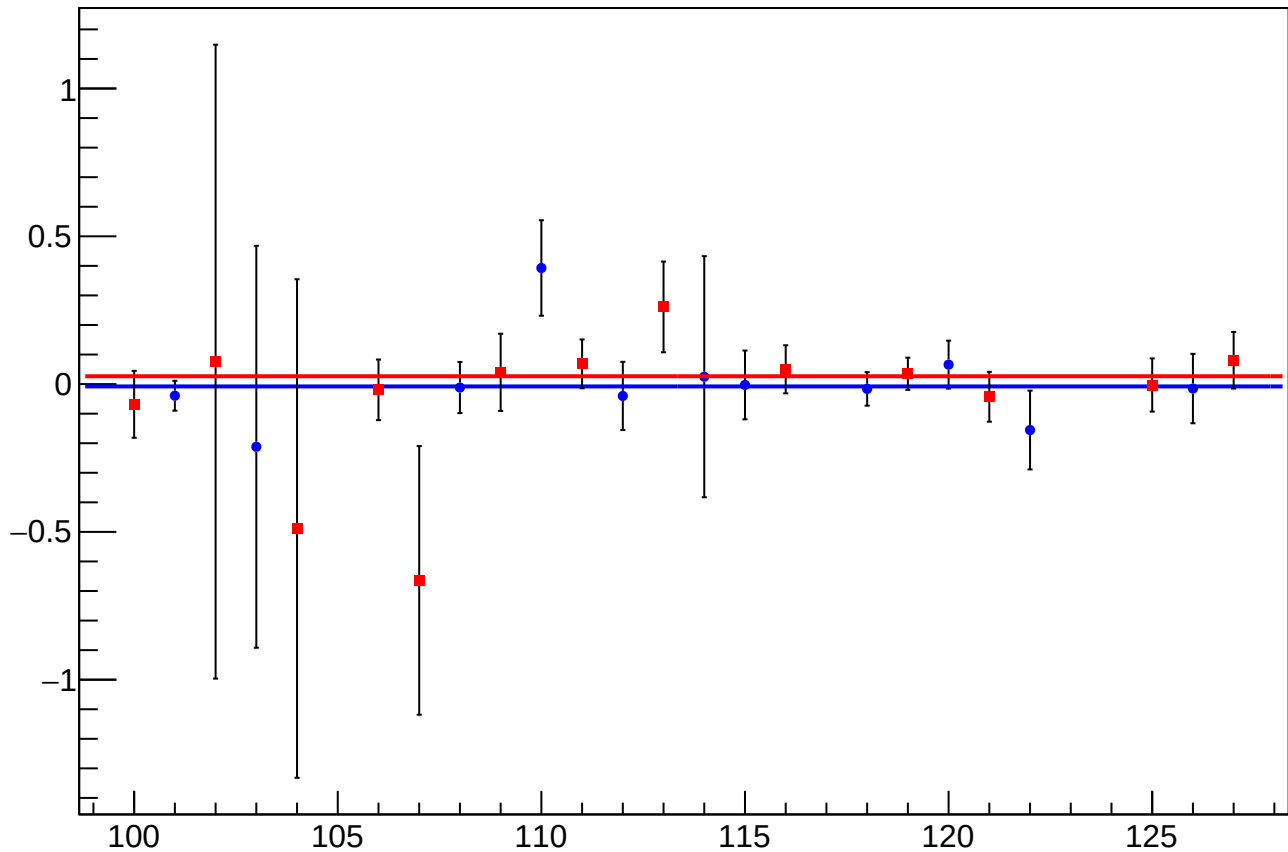
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.109+/-0.014 χ^2/NDF : 4119627.8/23

- 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: -0.008 ± 0.028 χ^2/NDF : 8.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.027 ± 0.028 χ^2/NDF : 7.4/12

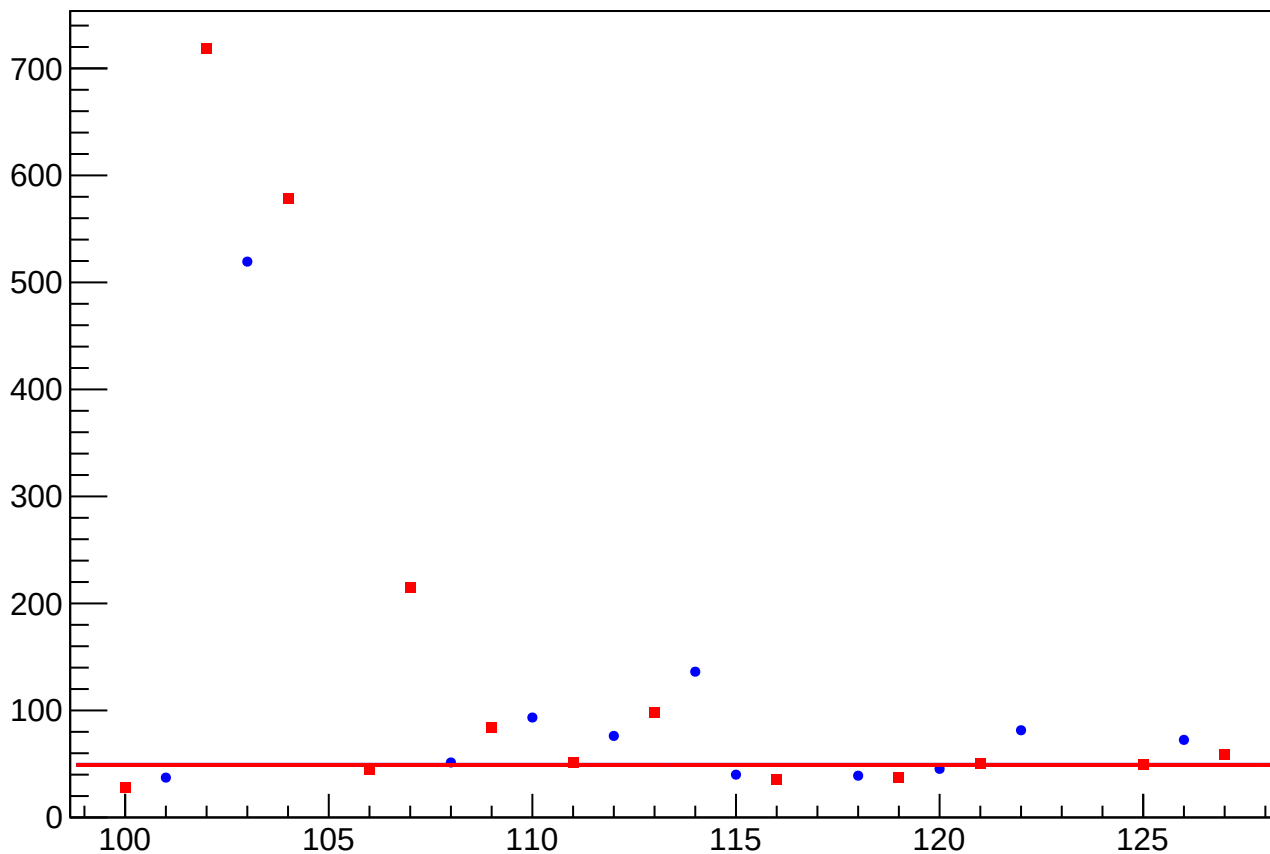
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.009 ± 0.020 χ^2/NDF : 17.0/23

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 49.154+/-0.020 χ^2/NDF : 1697948.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.062+/-0.020 χ^2/NDF : 2421668.5/12

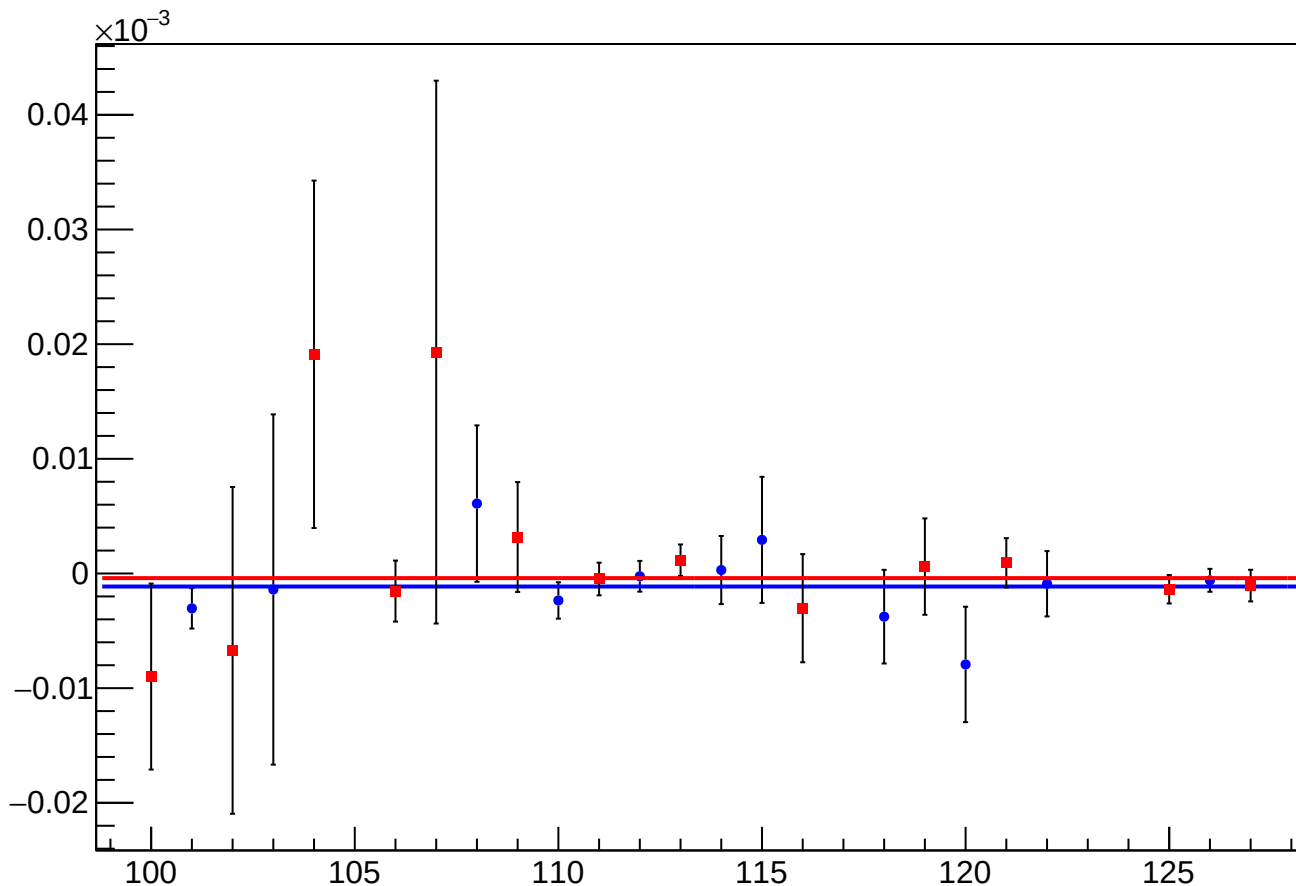
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.109+/-0.014 χ^2/NDF : 4119627.8/23

- sign 0.000+/-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 : 6.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.3/12

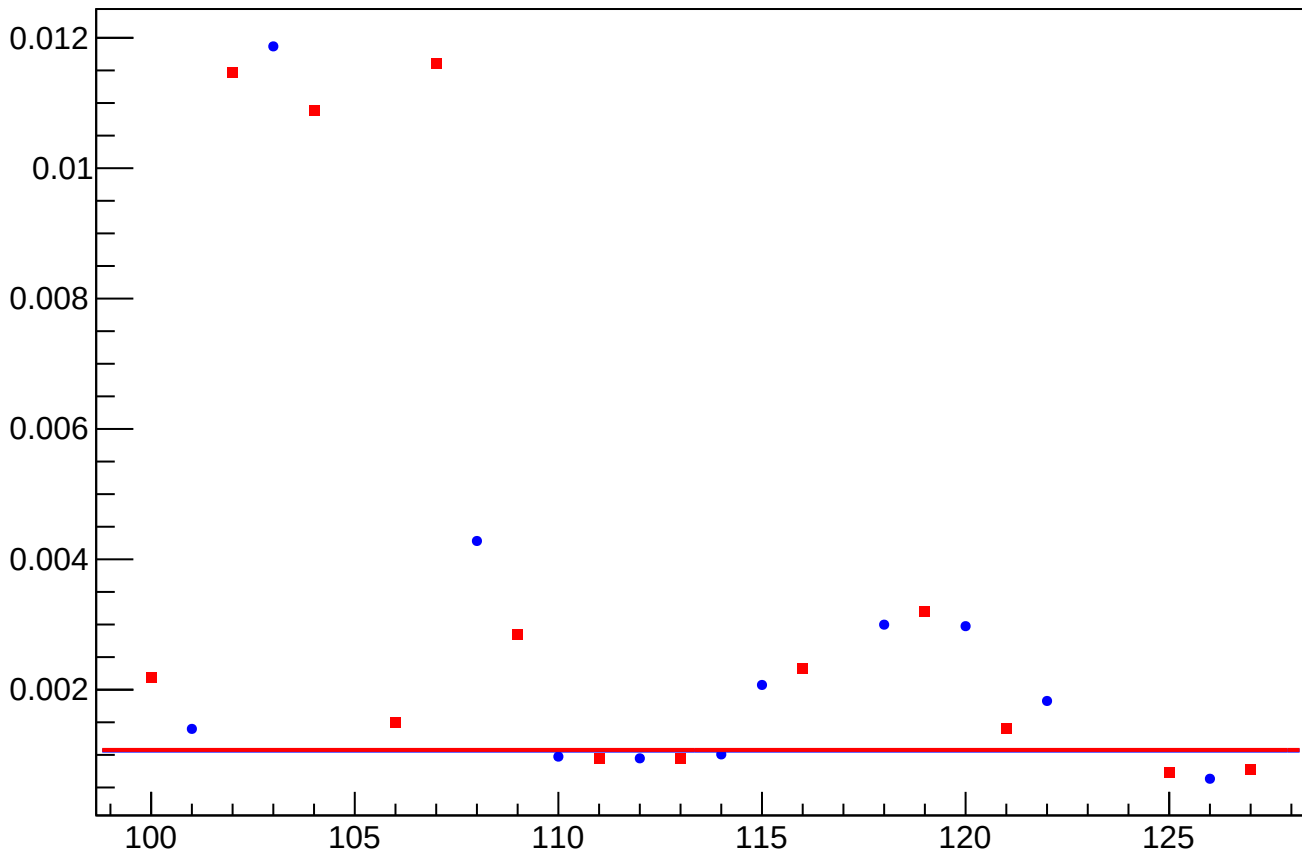
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.7/23

- 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 : 2857147.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3636903.0/12

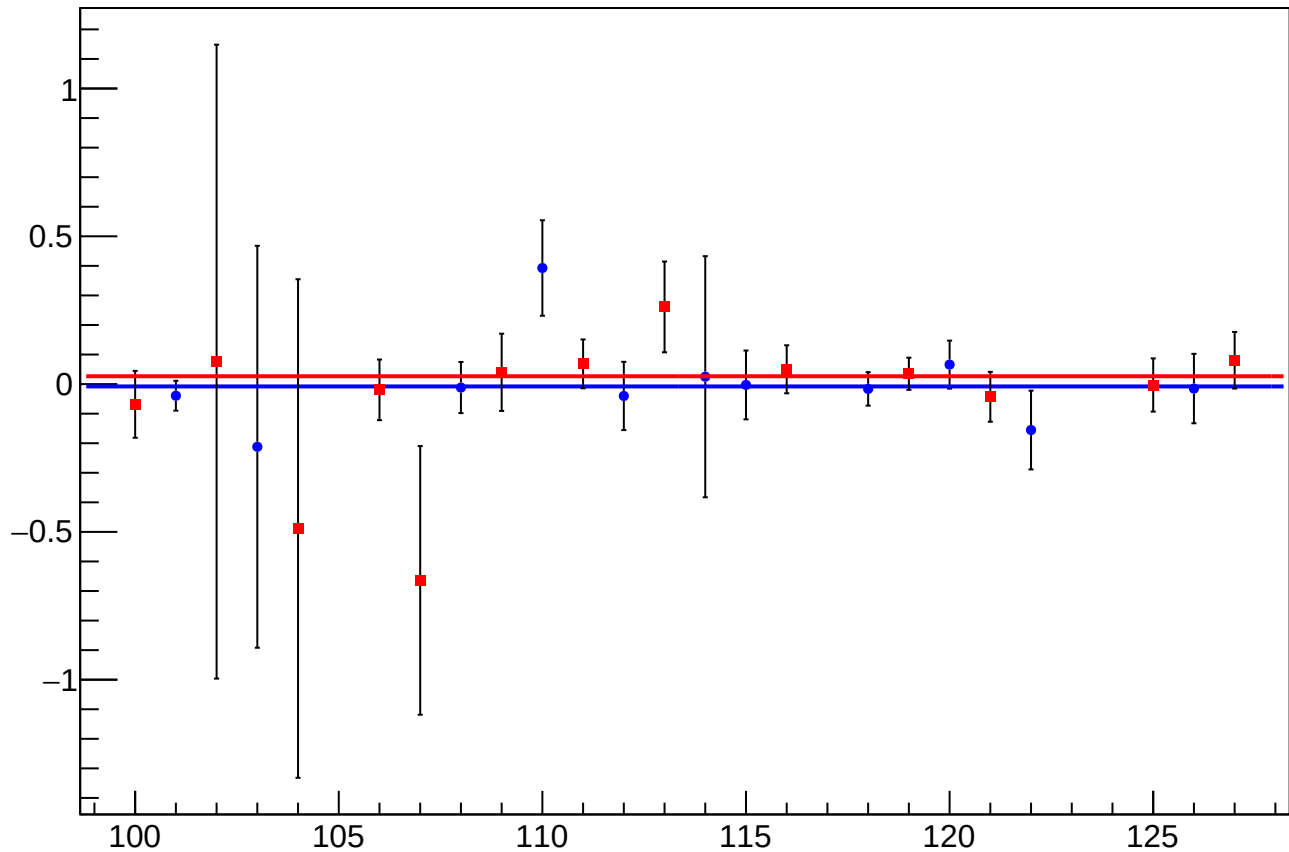
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6494333.1/23

- 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: -0.008+/-0.028 χ^2 /NDF: 8.8/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.027+/-0.028 χ^2 /NDF: 7.4/12

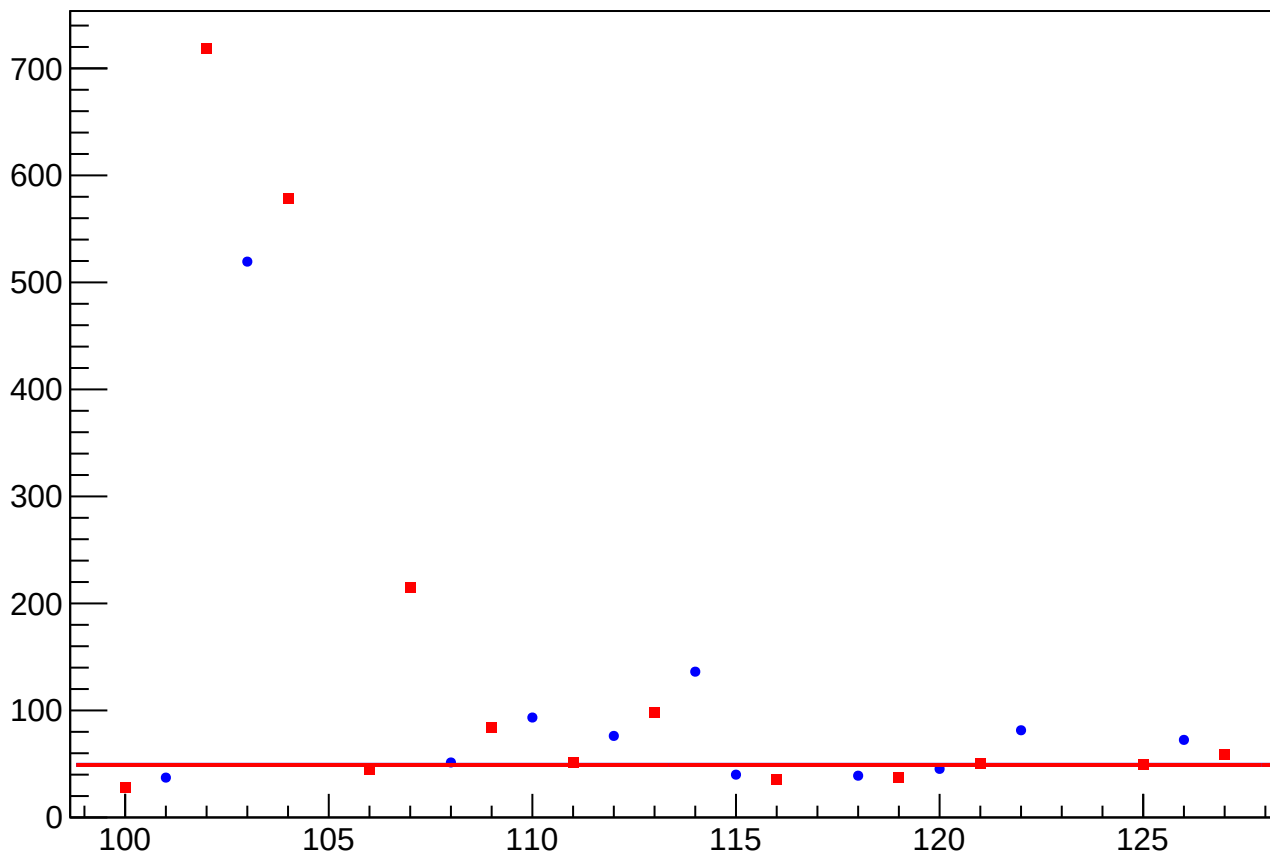
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.009+/-0.020 χ^2 /NDF: 17.0/23

- 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: 49.154+/-0.020 χ^2/NDF : 1697950.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.062+/-0.020 χ^2/NDF : 2421674.6/12

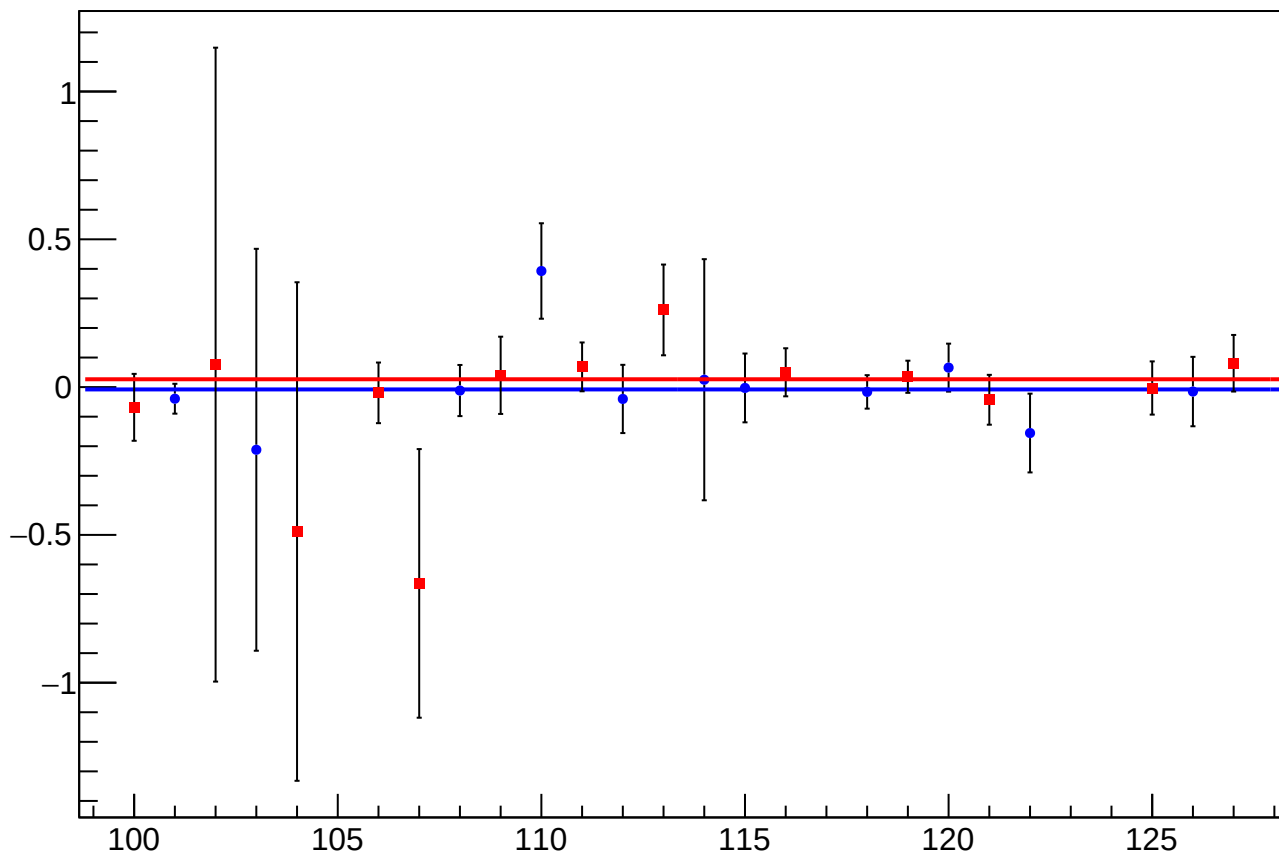
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.108+/-0.014 χ^2/NDF : 4119636.0/23

- 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: -0.008 ± 0.028 χ^2/NDF : 8.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.027 ± 0.028 χ^2/NDF : 7.4/12

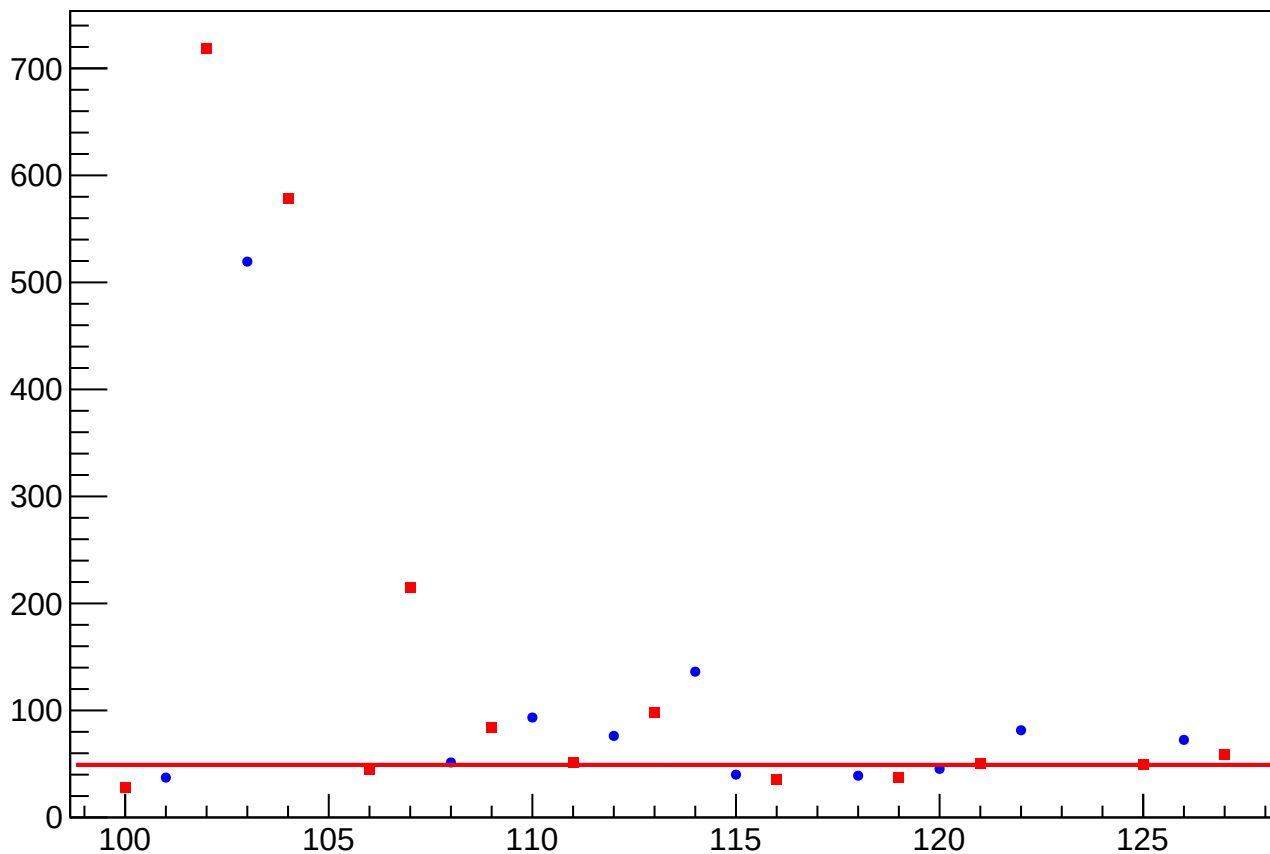
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.009 ± 0.020 χ^2/NDF : 17.0/23

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 49.154+/-0.020 χ^2/NDF : 1697950.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.062+/-0.020 χ^2/NDF : 2421674.6/12

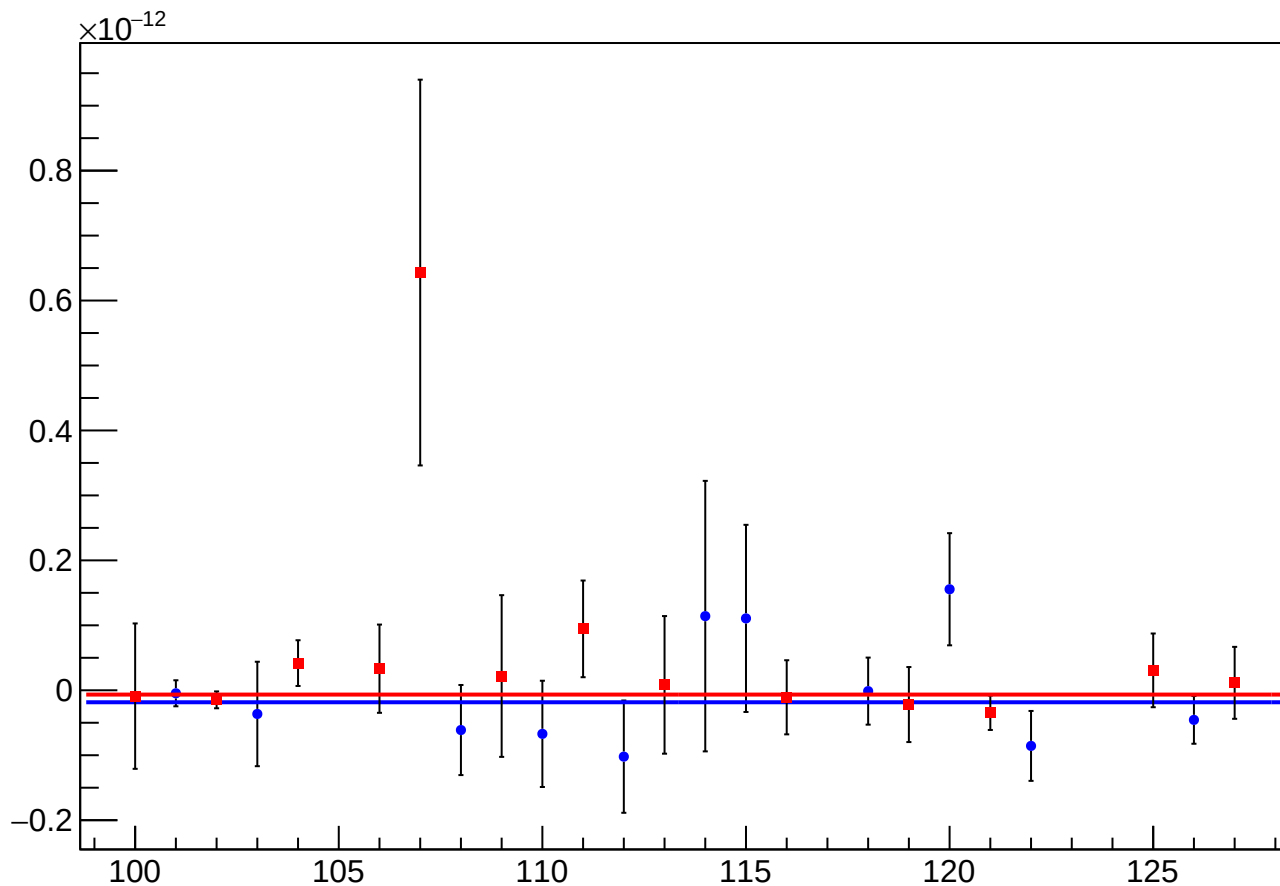
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.108+/-0.014 χ^2/NDF : 4119636.0/23

- 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: 9.7/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 11.1/12

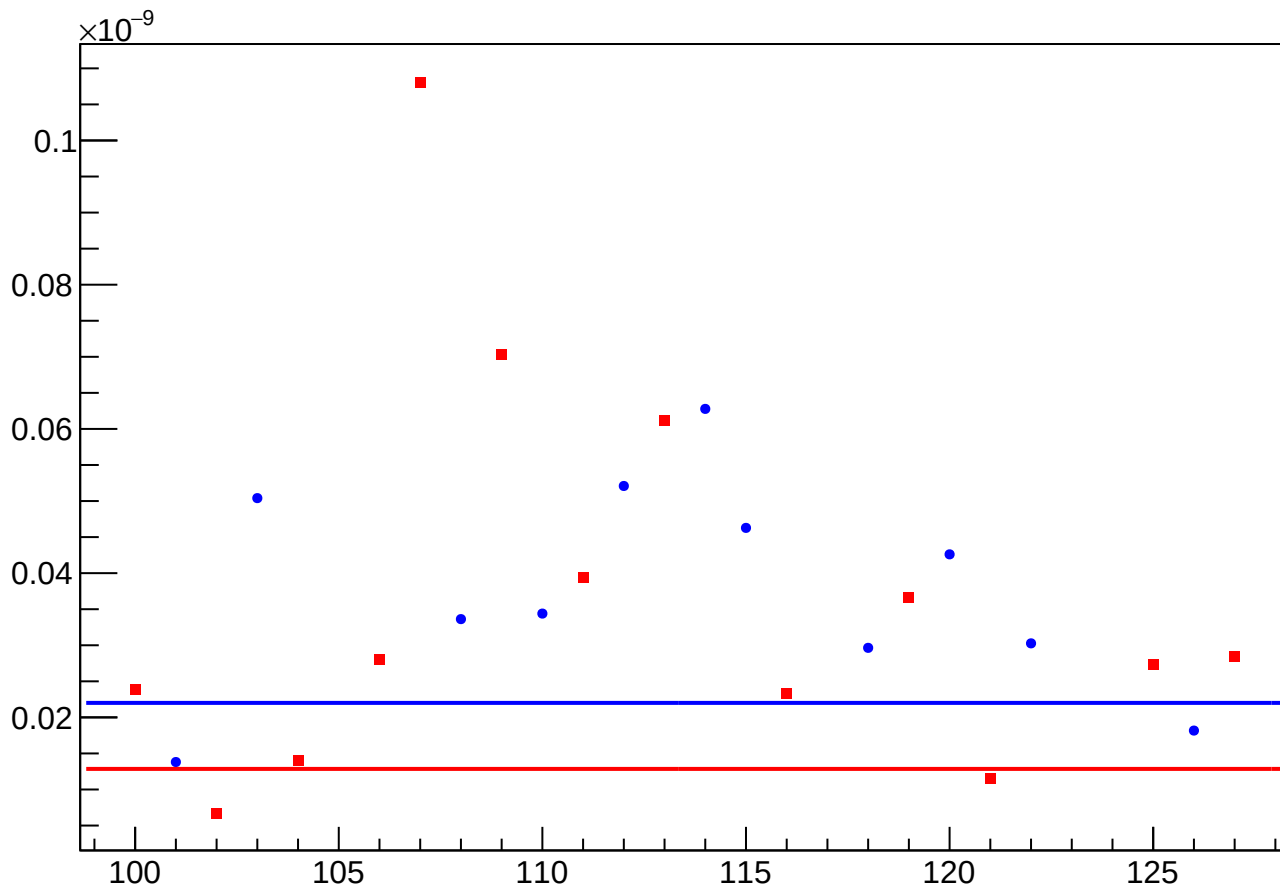
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 21.2/23

- 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 : 1288636.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2581361.9/12

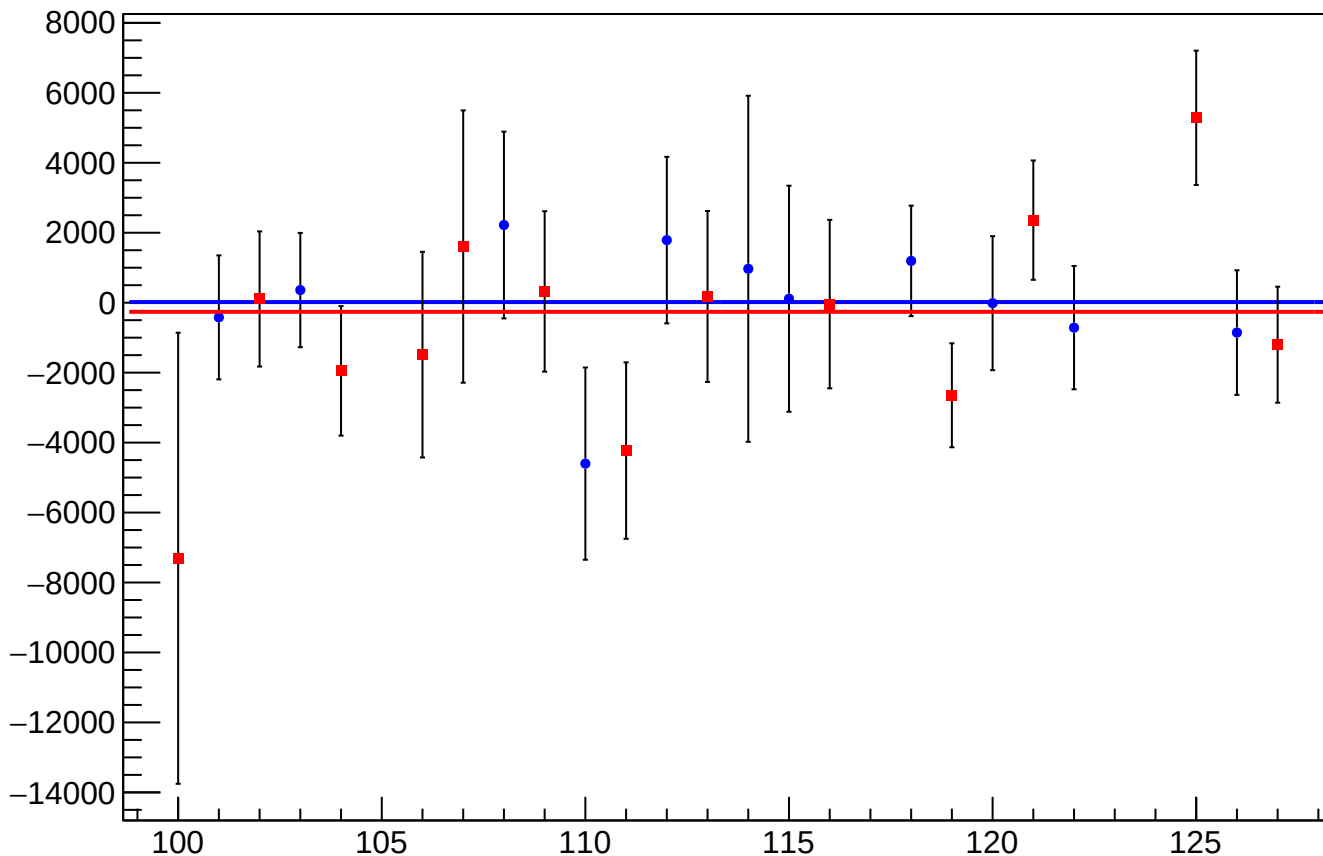
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4414892.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_dd_mean vs Slug



Right In: 17.794+/-621.393 χ^2/NDF : 5.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -260.993+/-588.897 χ^2/NDF : 18.7/12

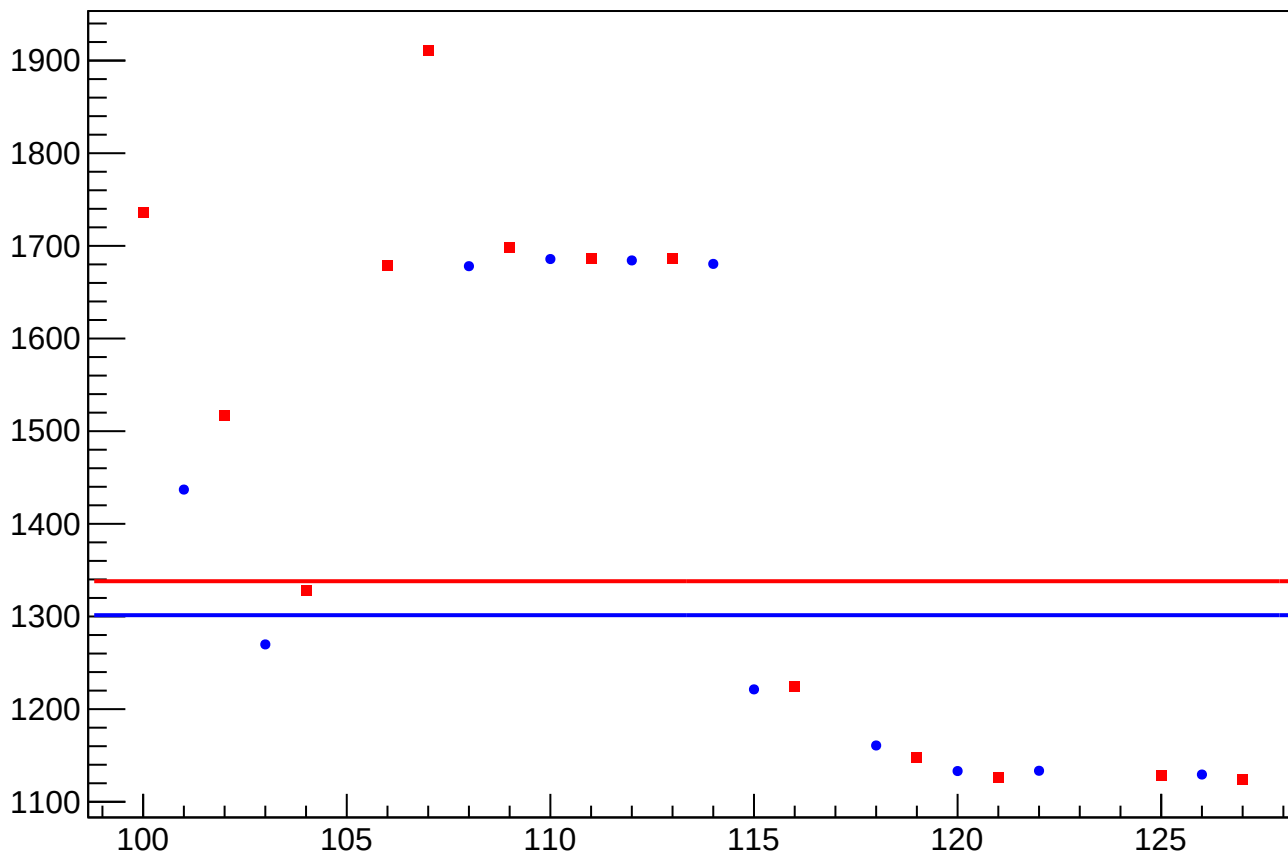
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -129.080+/-427.440 χ^2/NDF : 23.9/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_dd_rms vs Slug



Right In: 1301.411+/-0.439 χ^2/NDF : 224232.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1338.077+/-0.416 χ^2/NDF : 348359.7/12

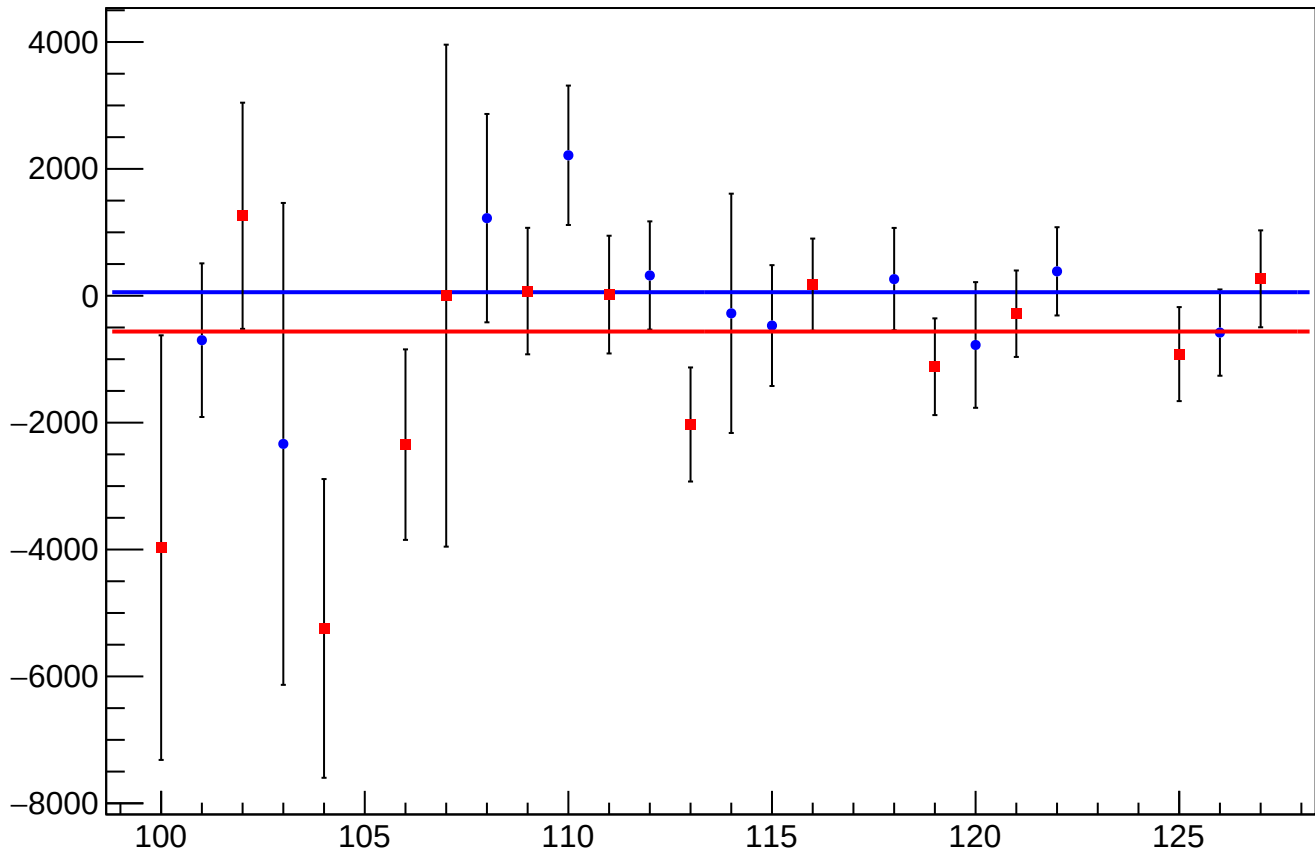
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1320.728+/-0.302 χ^2/NDF : 576260.5/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_reg_correction_mean vs Slug



Right In: 56.223 $\pm$ 294.973 χ^2 /NDF: 7.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -563.634 $\pm$ 269.197 χ^2 /NDF: 14.1/12

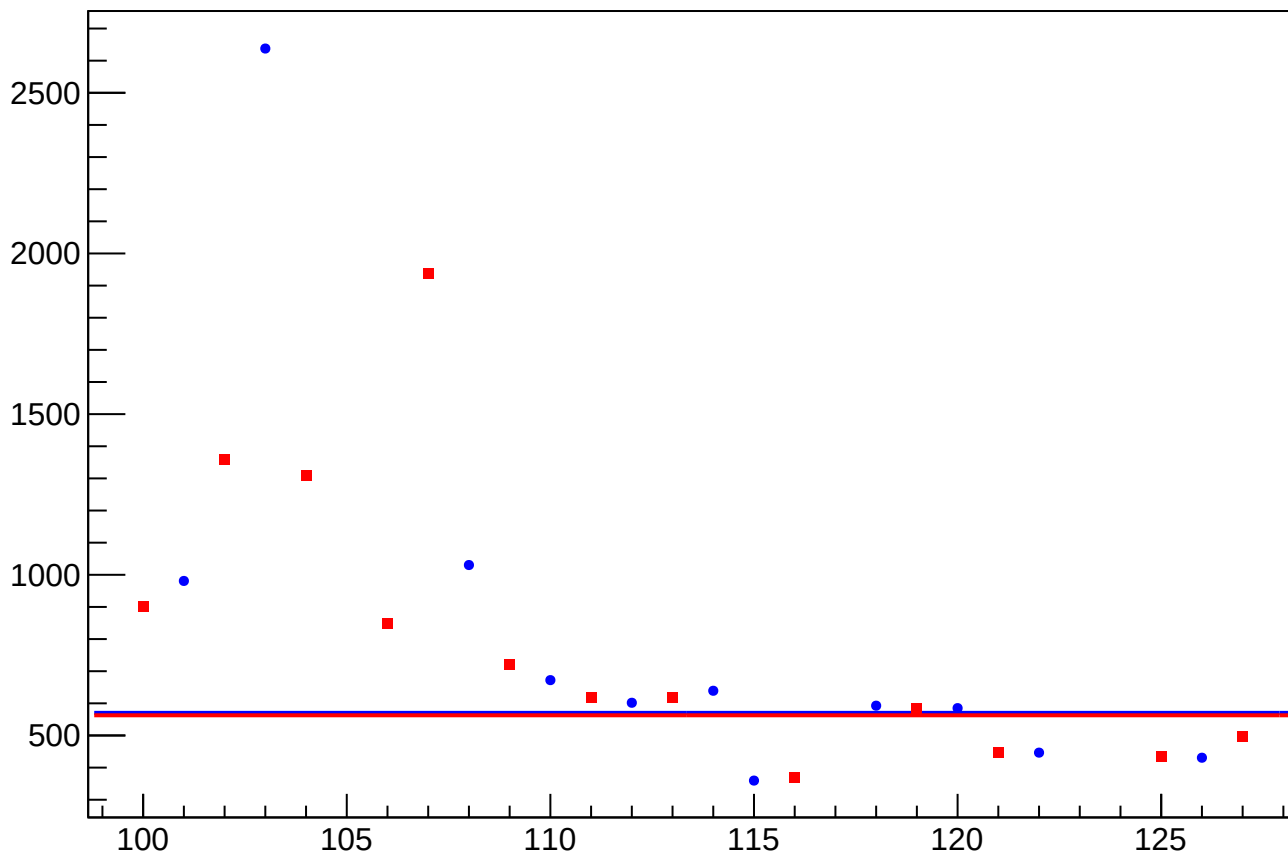
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -281.966 $\pm$ 198.840 χ^2 /NDF: 23.9/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_reg_correction_rms vs Slug



Right In: 570.380+/-0.209 χ^2/NDF : 1249530.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 562.801+/-0.190 χ^2/NDF : 1277468.5/12

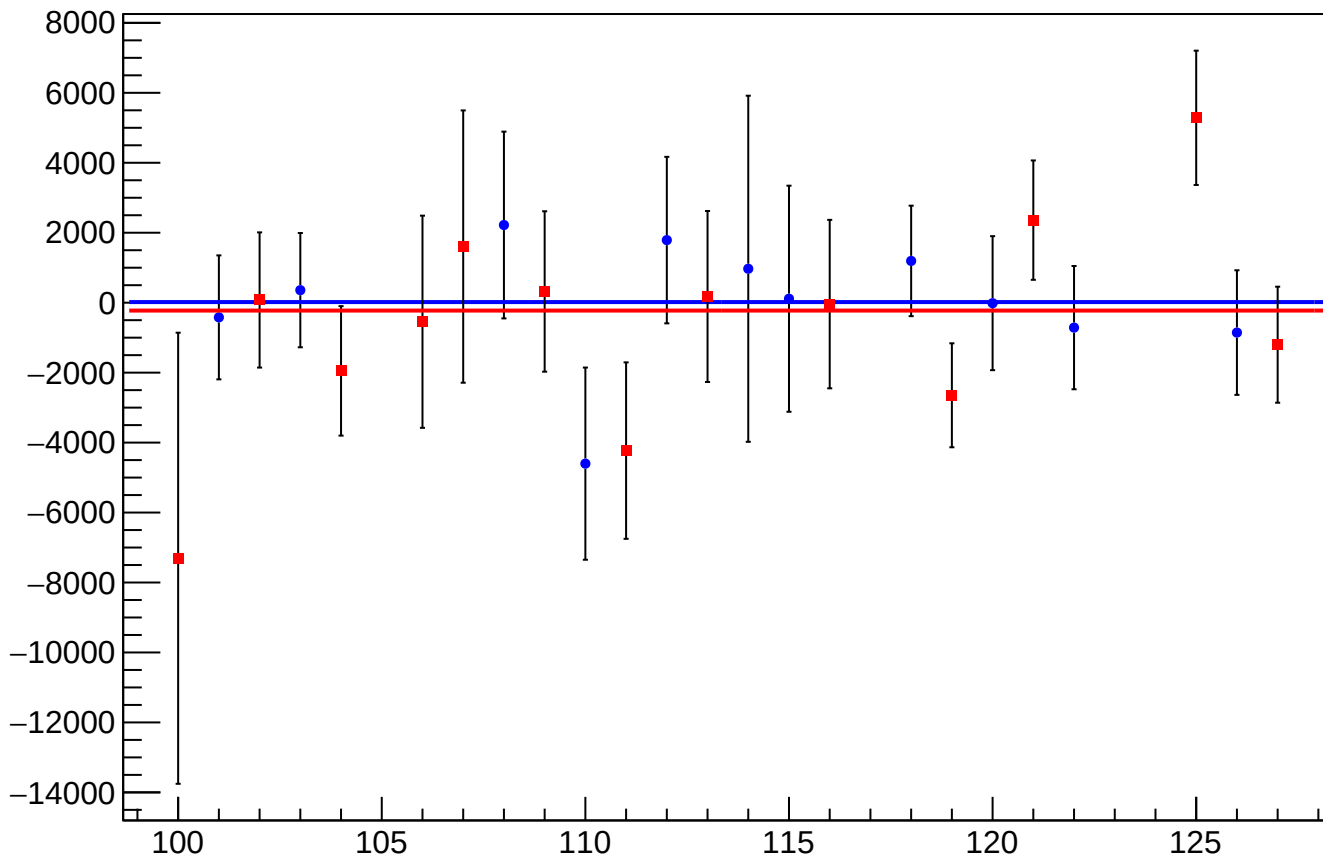
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 566.245+/-0.141 χ^2/NDF : 2527719.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_atl1_dd_mean vs Slug



Right In: 17.410+/-621.393 χ^2/NDF : 5.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -225.403+/-589.613 χ^2/NDF : 18.5/12

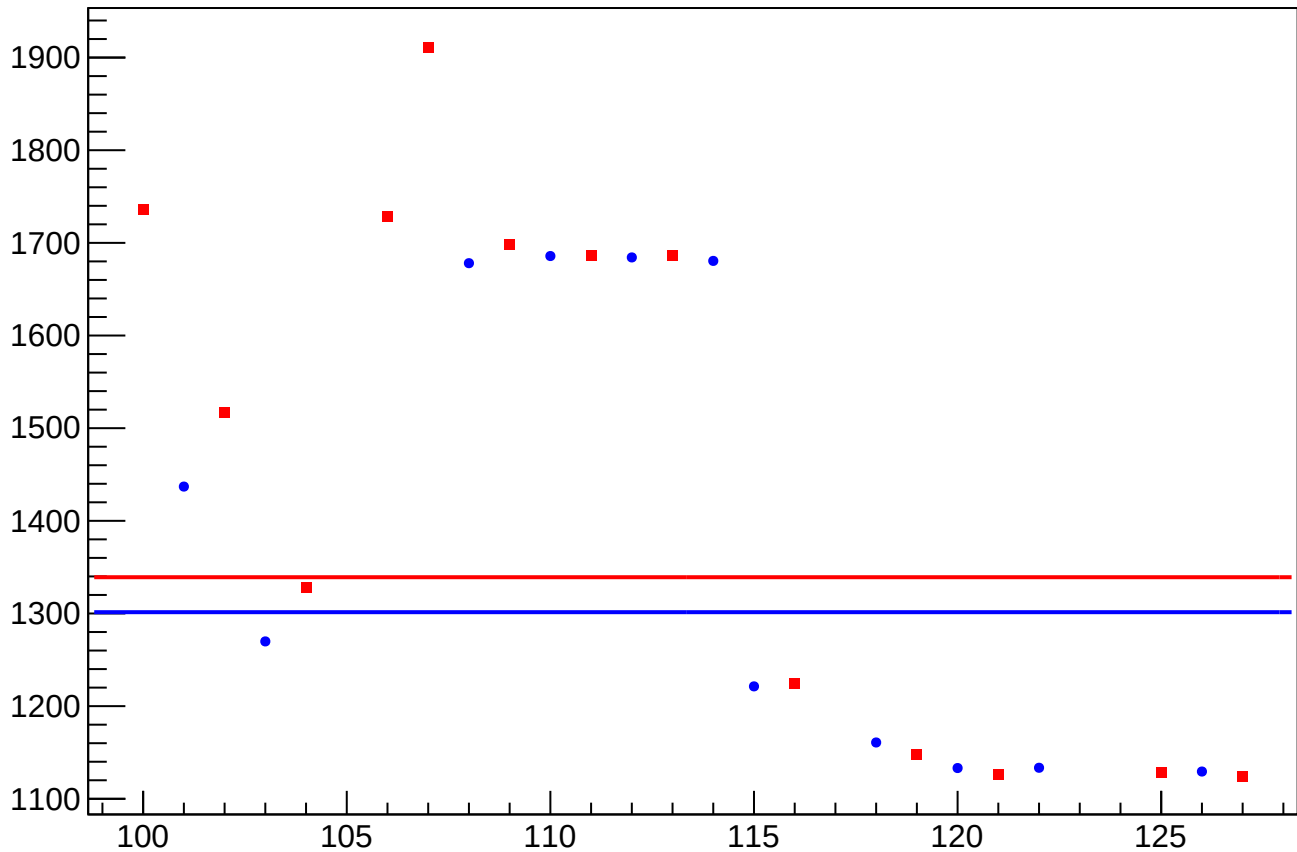
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -110.364+/-427.713 χ^2/NDF : 23.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_atl1_dd_rms vs Slug



Right In: 1301.412 $\pm$ 0.439 χ^2 /NDF: 224232.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1339.148 $\pm$ 0.417 χ^2 /NDF: 354685.5/12

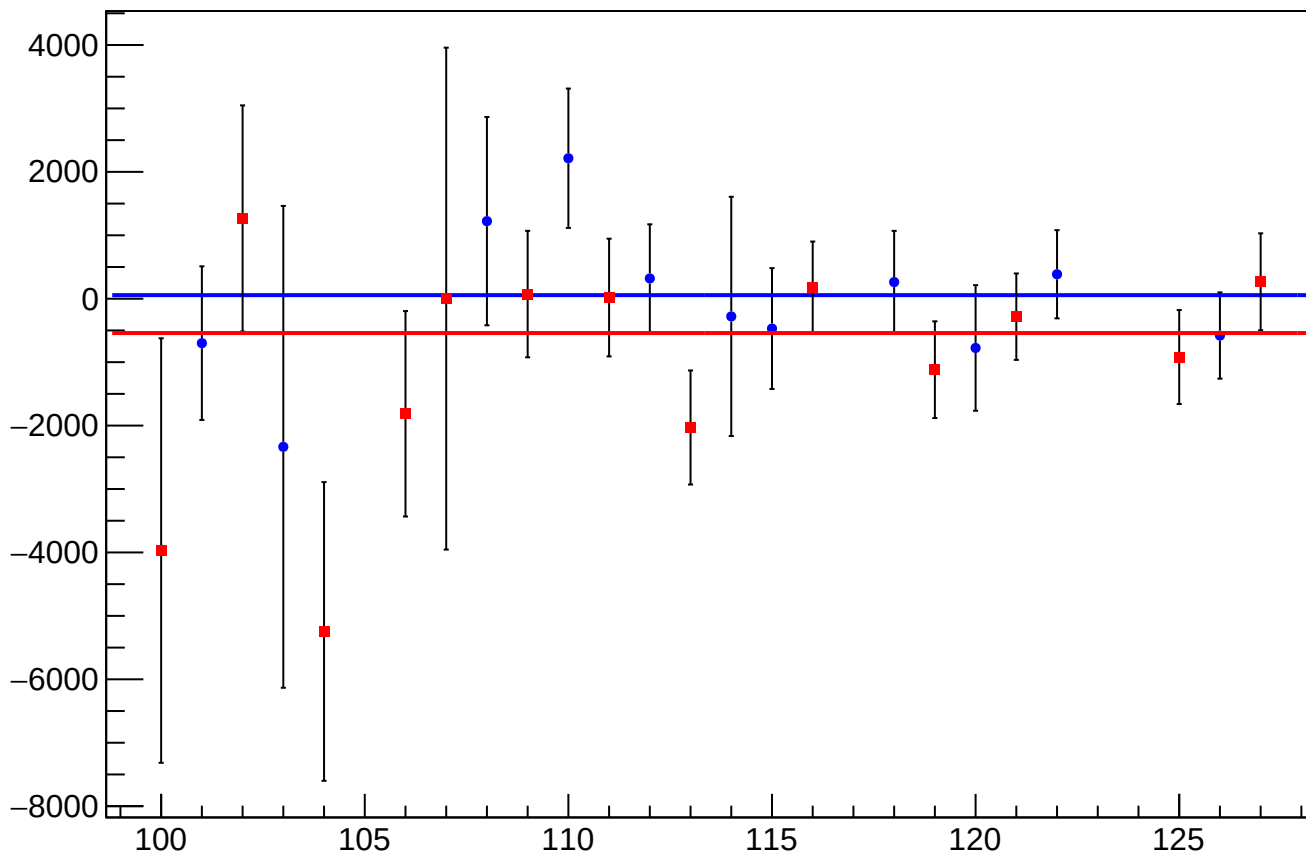
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1321.269 $\pm$ 0.302 χ^2 /NDF: 582799.3/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_cor_correction_mean vs Slug



Right In: 56.270 $\pm$ 294.973 χ^2 /NDF: 7.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -540.964 $\pm$ 269.803 χ^2 /NDF: 13.3/12

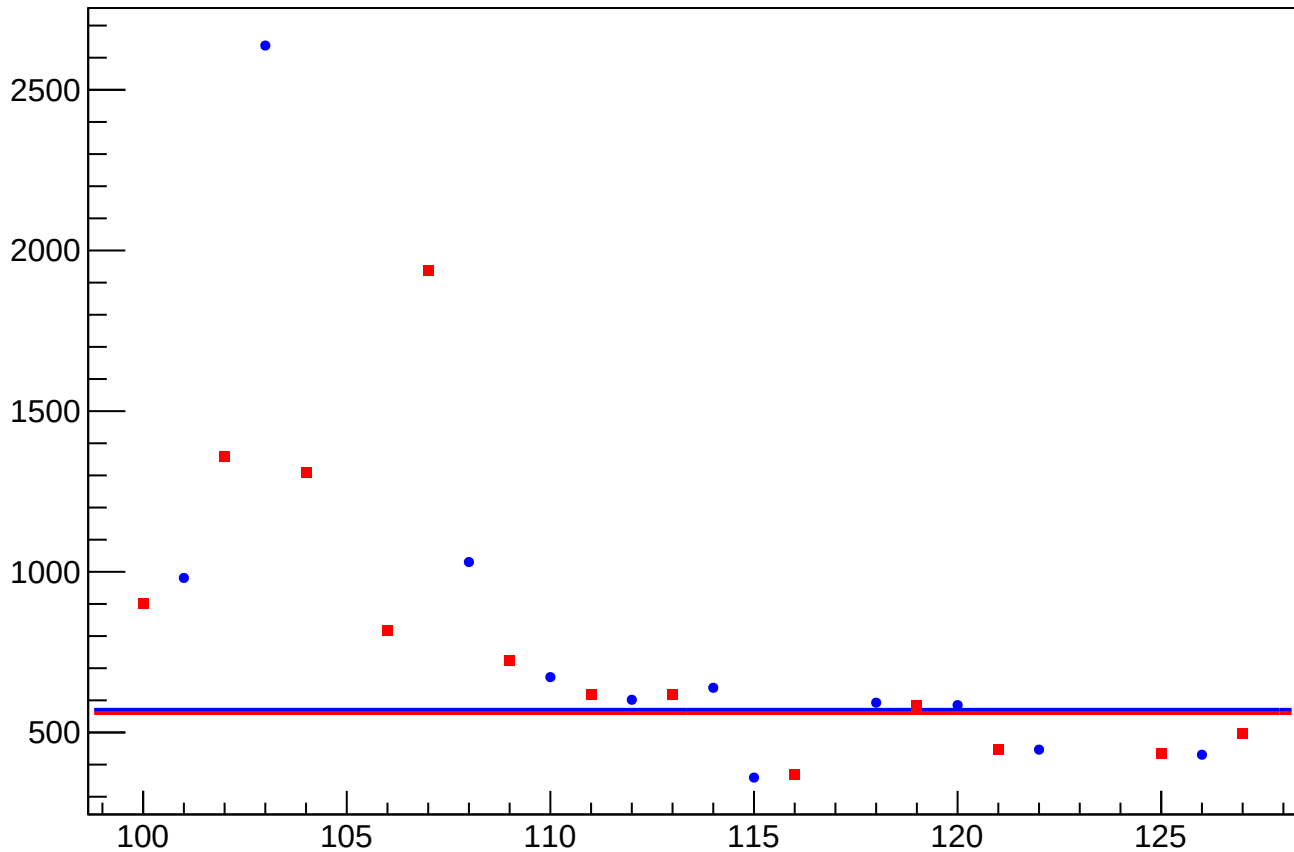
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -268.910 $\pm$ 199.084 χ^2 /NDF: 22.9/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_cor_correction_rms vs Slug



Right In: 570.380+/-0.209 χ^2/NDF : 1249490.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 560.647+/-0.191 χ^2/NDF : 1254739.9/12

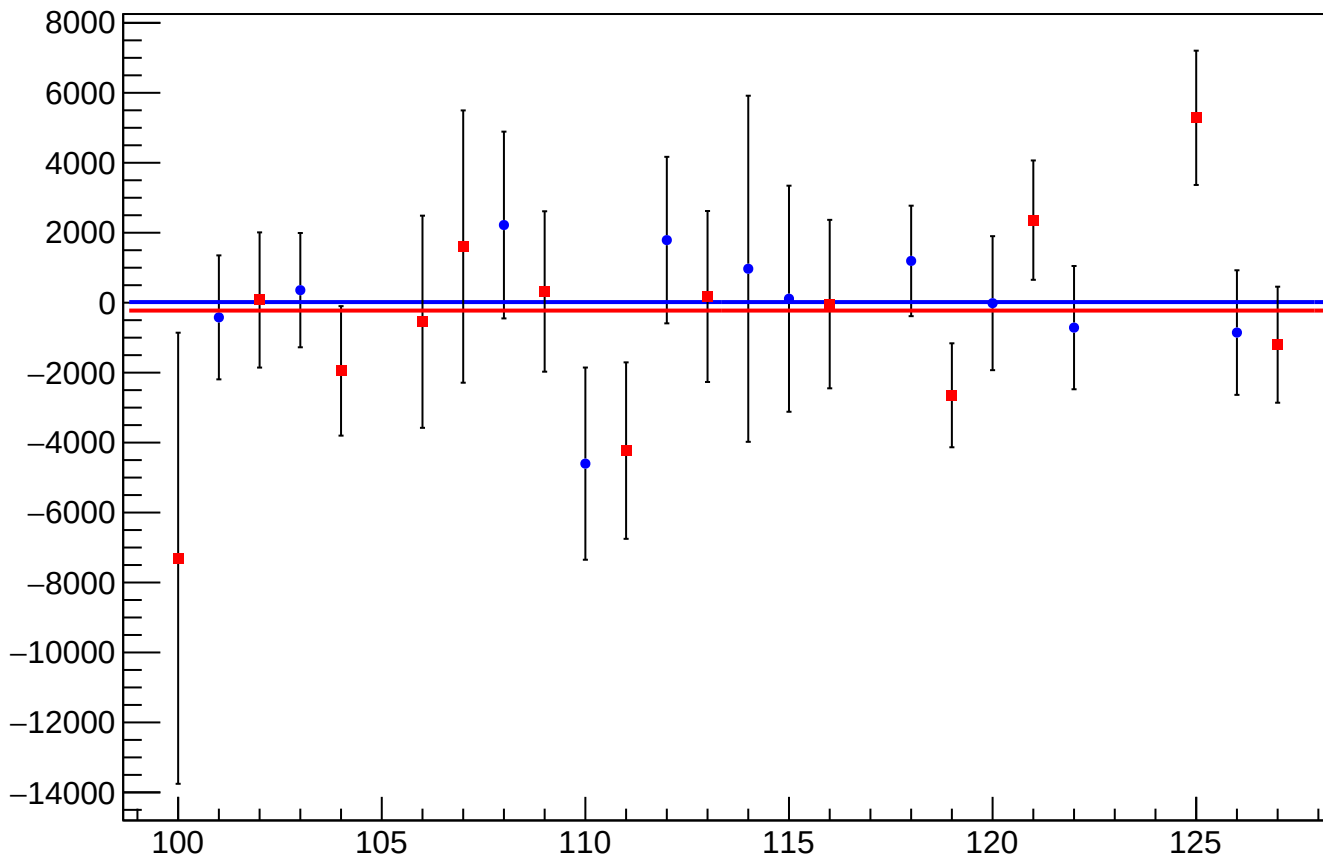
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 565.081+/-0.141 χ^2/NDF : 2505416.2/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_atl1_dd_mean vs Slug



Right In: 17.410+/-621.393 χ^2/NDF : 5.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -225.403+/-589.613 χ^2/NDF : 18.5/12

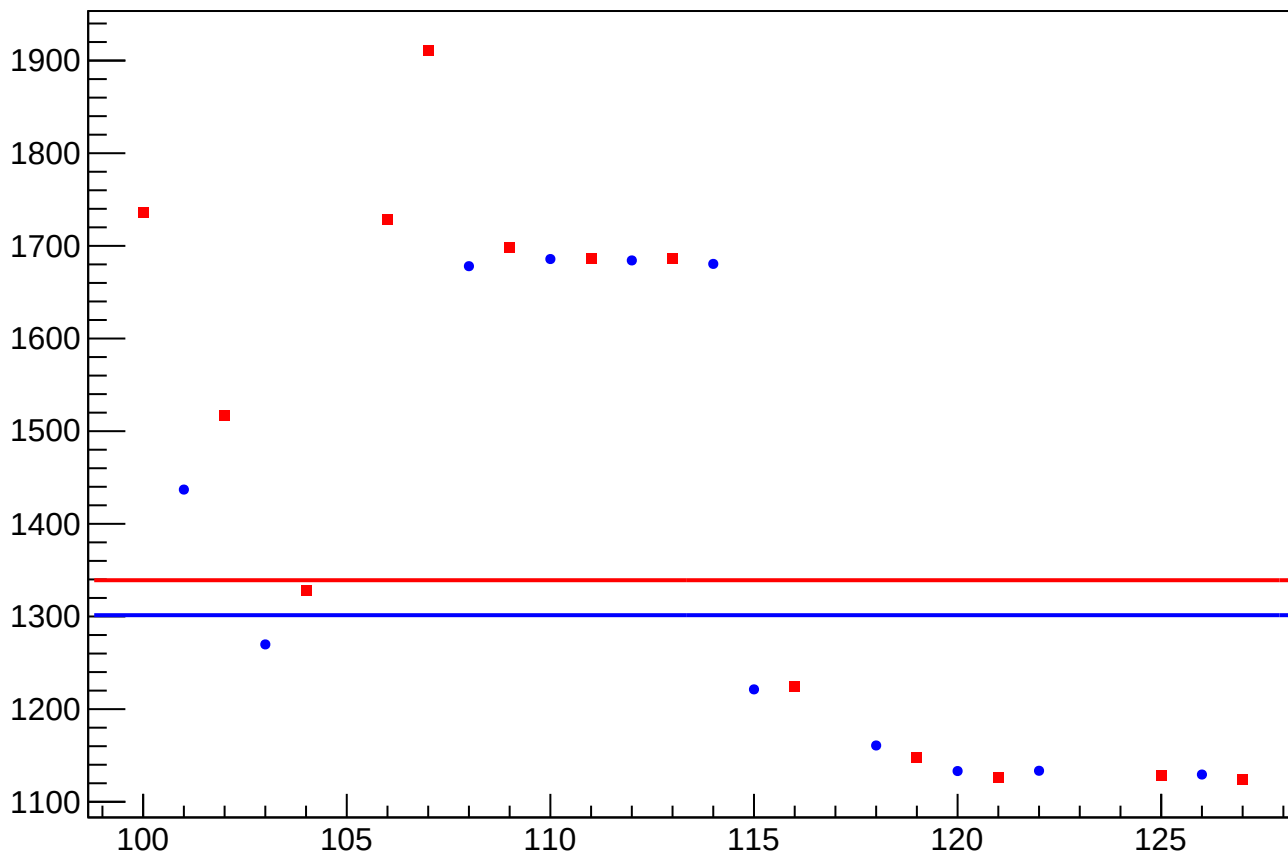
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -110.364+/-427.713 χ^2/NDF : 23.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_atl1_dd_rms vs Slug



Right In: 1301.412+/-0.439 χ^2/NDF : 224232.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1339.148+/-0.417 χ^2/NDF : 354685.5/12

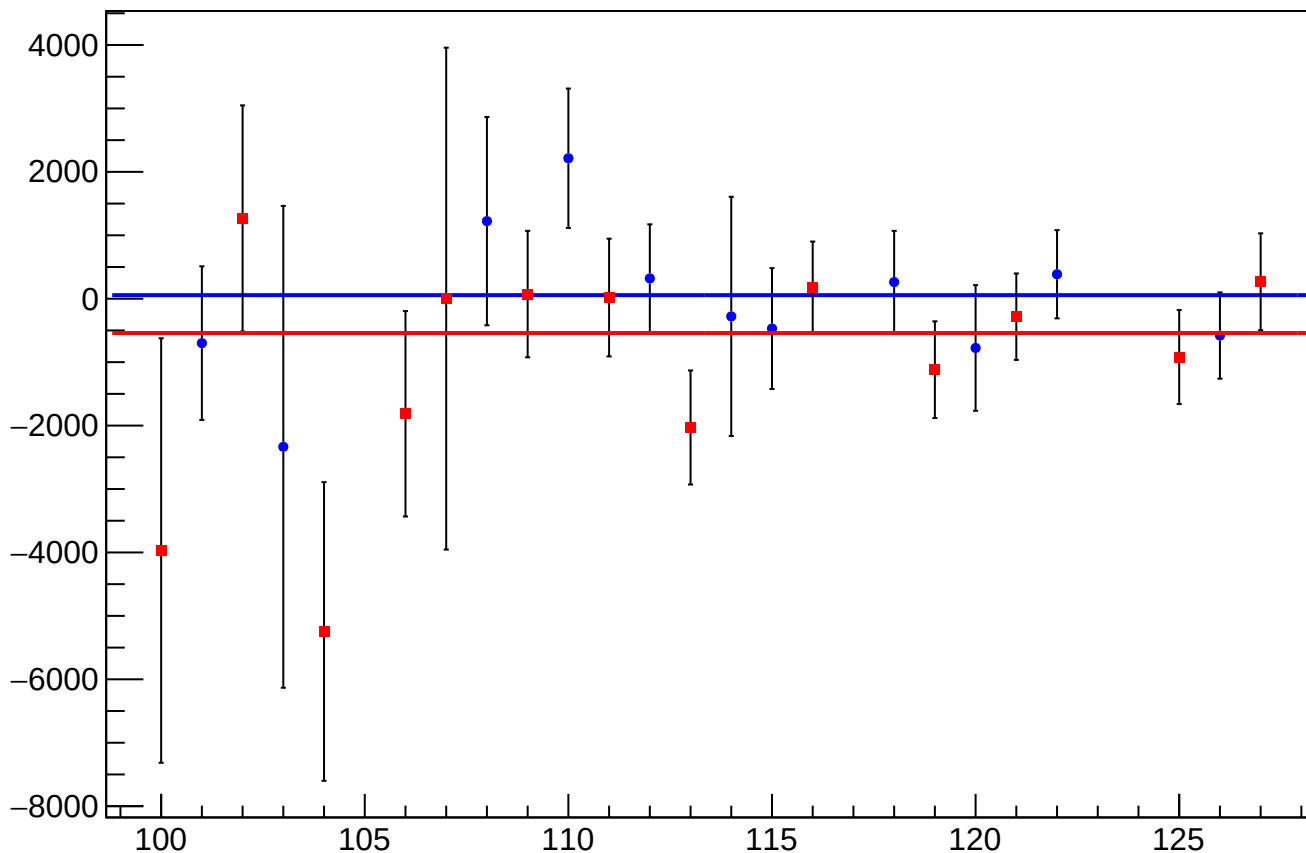
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1321.269+/-0.302 χ^2/NDF : 582799.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_eigen_cor_correction_mean vs Slug



Right In: 56.270+/-294.973 χ^2/NDF : 7.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -540.964+/-269.803 χ^2/NDF : 13.3/12

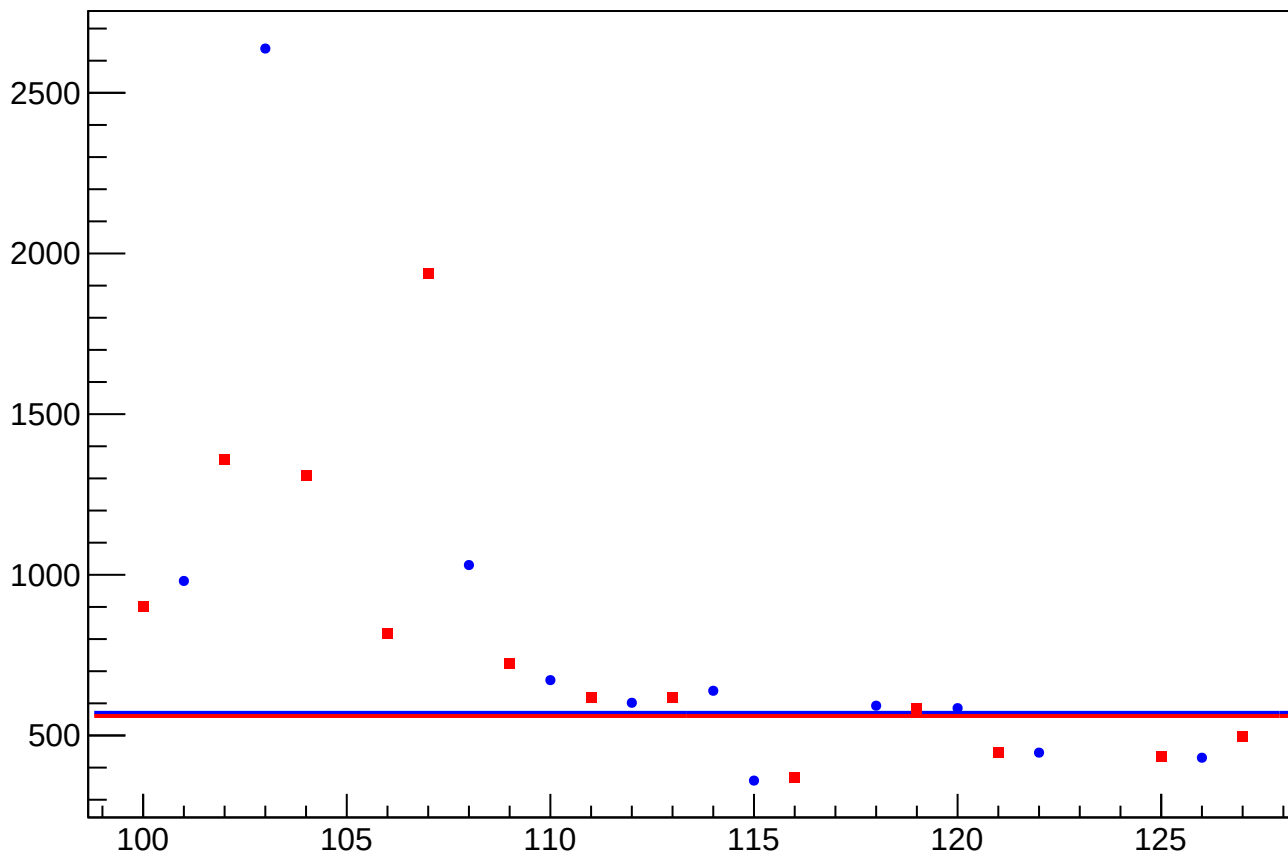
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -268.910+/-199.084 χ^2/NDF : 22.9/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_eigen_cor_correction_rms vs Slug



Right In: 570.380+/-0.209 χ^2/NDF : 1249490.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 560.647+/-0.191 χ^2/NDF : 1254739.9/12

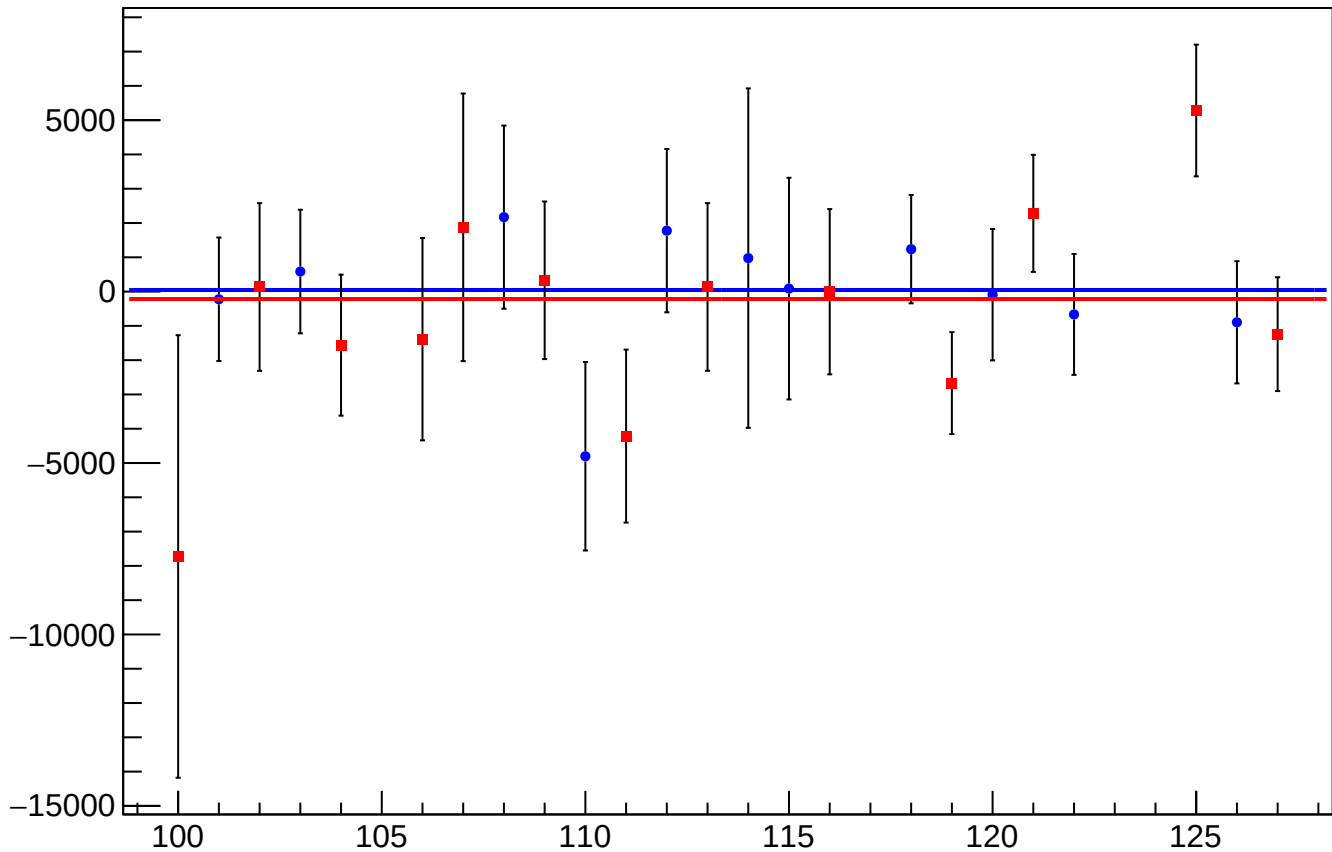
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 565.081+/-0.141 χ^2/NDF : 2505416.2/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_atl1_dd_mean vs Slug



Right In: 46.555+/-631.063 χ^2/NDF : 5.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -216.236+/-605.916 χ^2/NDF : 18.3/12

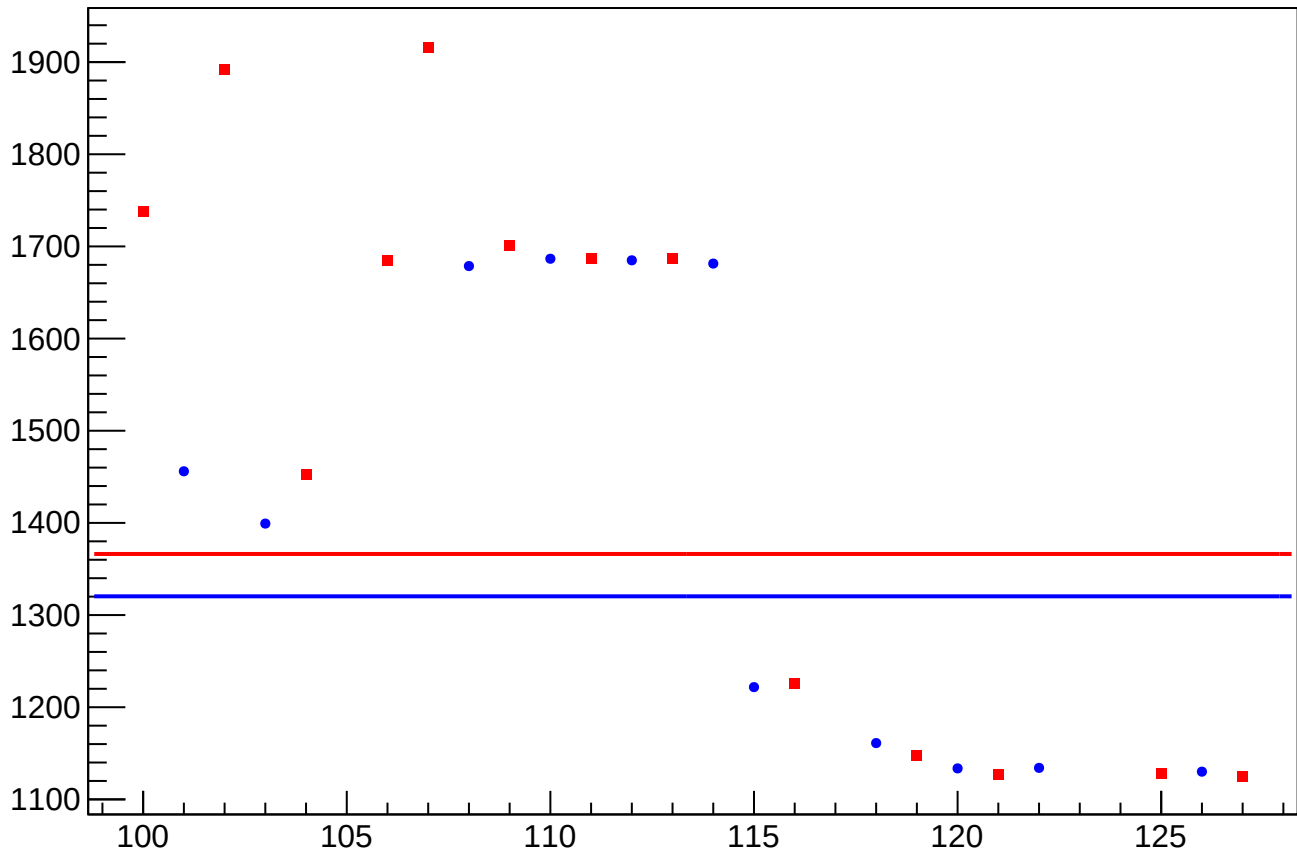
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -90.181+/-437.067 χ^2/NDF : 23.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_atl1_dd_rms vs Slug



Right In: 1320.335+/-0.446 χ^2/NDF : 230493.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1366.287+/-0.428 χ^2/NDF : 437012.5/12

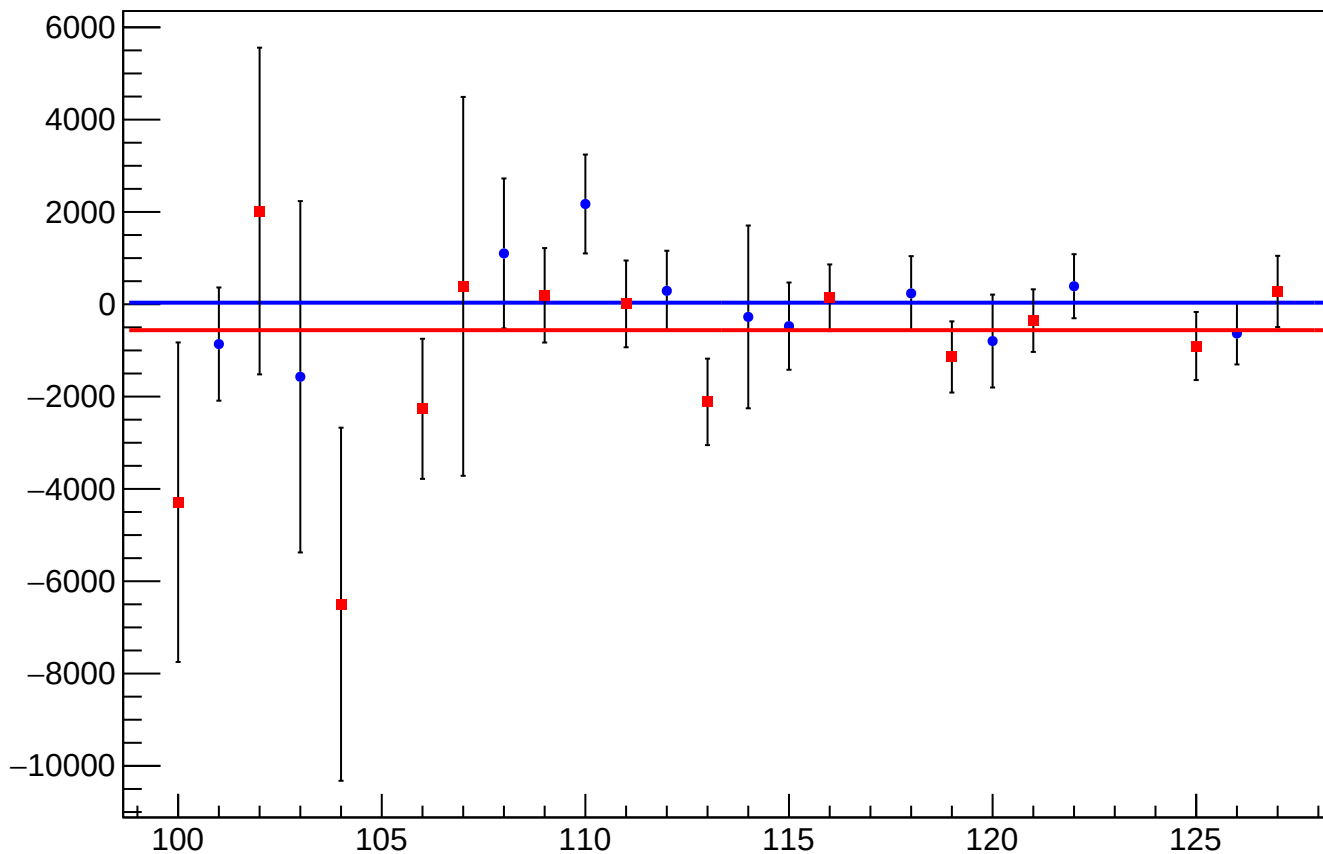
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1344.245+/-0.309 χ^2/NDF : 673023.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_dit_correction_mean vs Slug



Right In: 34.785+/-294.816 χ^2/NDF : 7.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -561.178+/-274.789 χ^2/NDF : 12.1/12

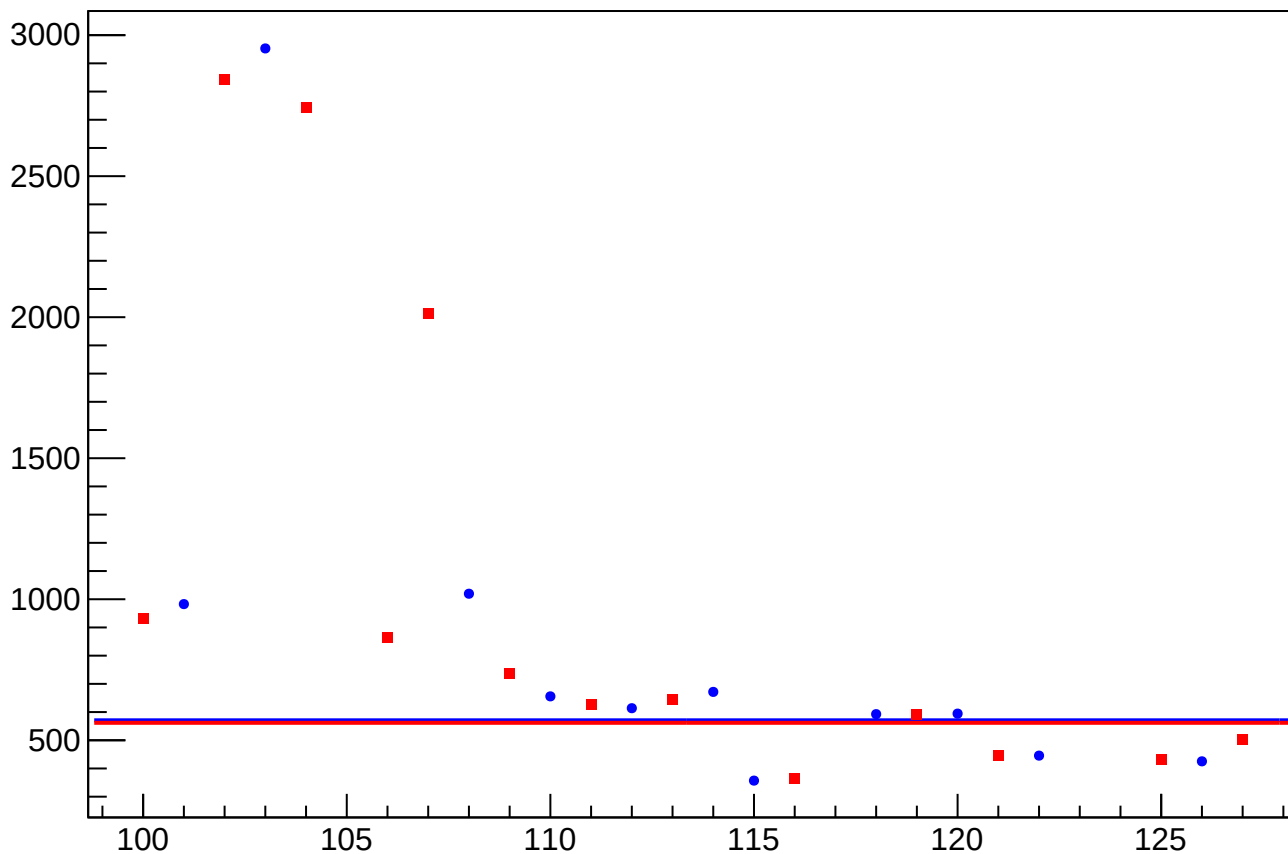
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -284.125+/-201.013 χ^2/NDF : 21.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_dit_correction_rms vs Slug



Right In: 570.749+/-0.208 χ^2/NDF : 1448582.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 561.935+/-0.194 χ^2/NDF : 2201500.1/12

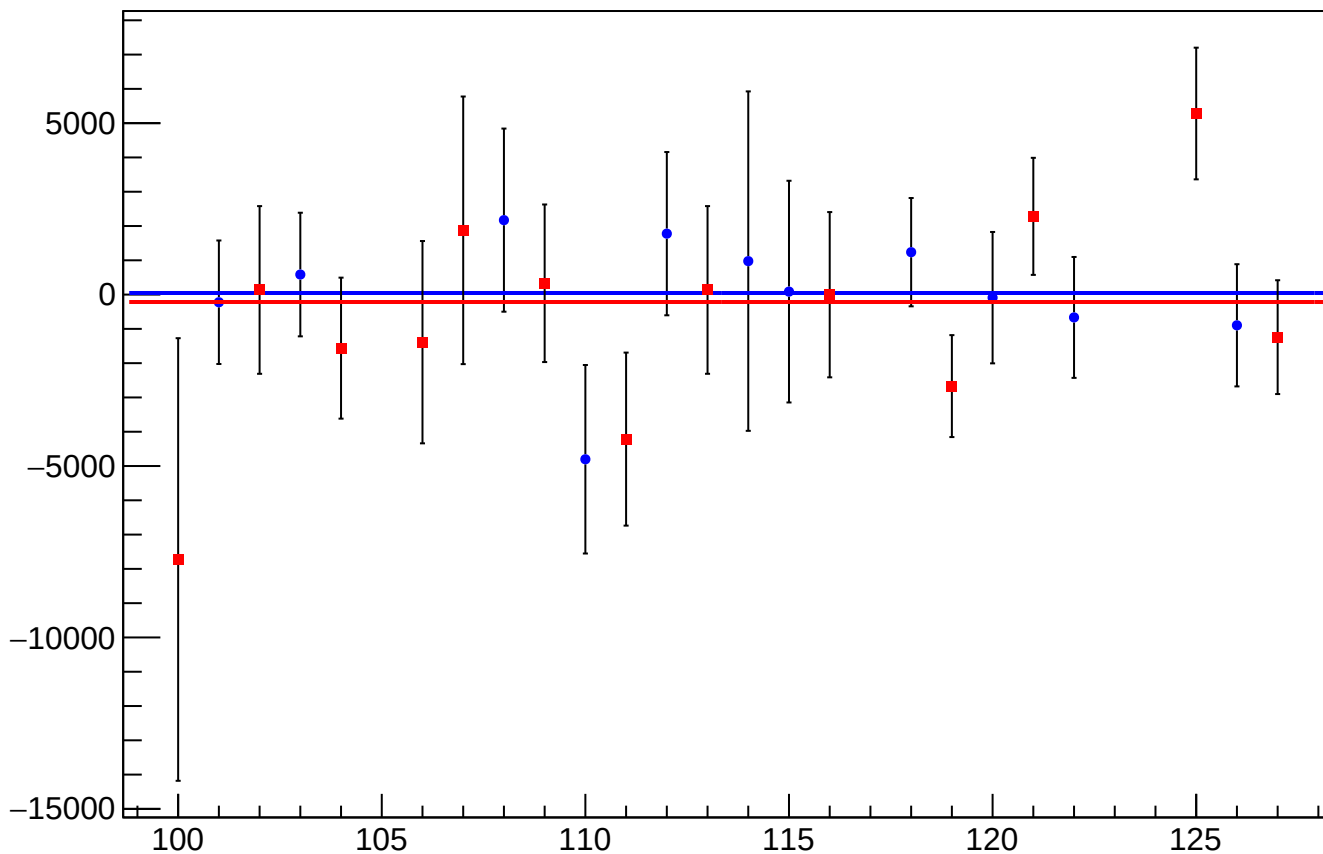
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 566.032+/-0.142 χ^2/NDF : 3651038.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_atl1_dd_mean vs Slug



Right In: 46.556+/-631.063 χ^2/NDF : 5.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -216.236+/-605.915 χ^2/NDF : 18.3/12

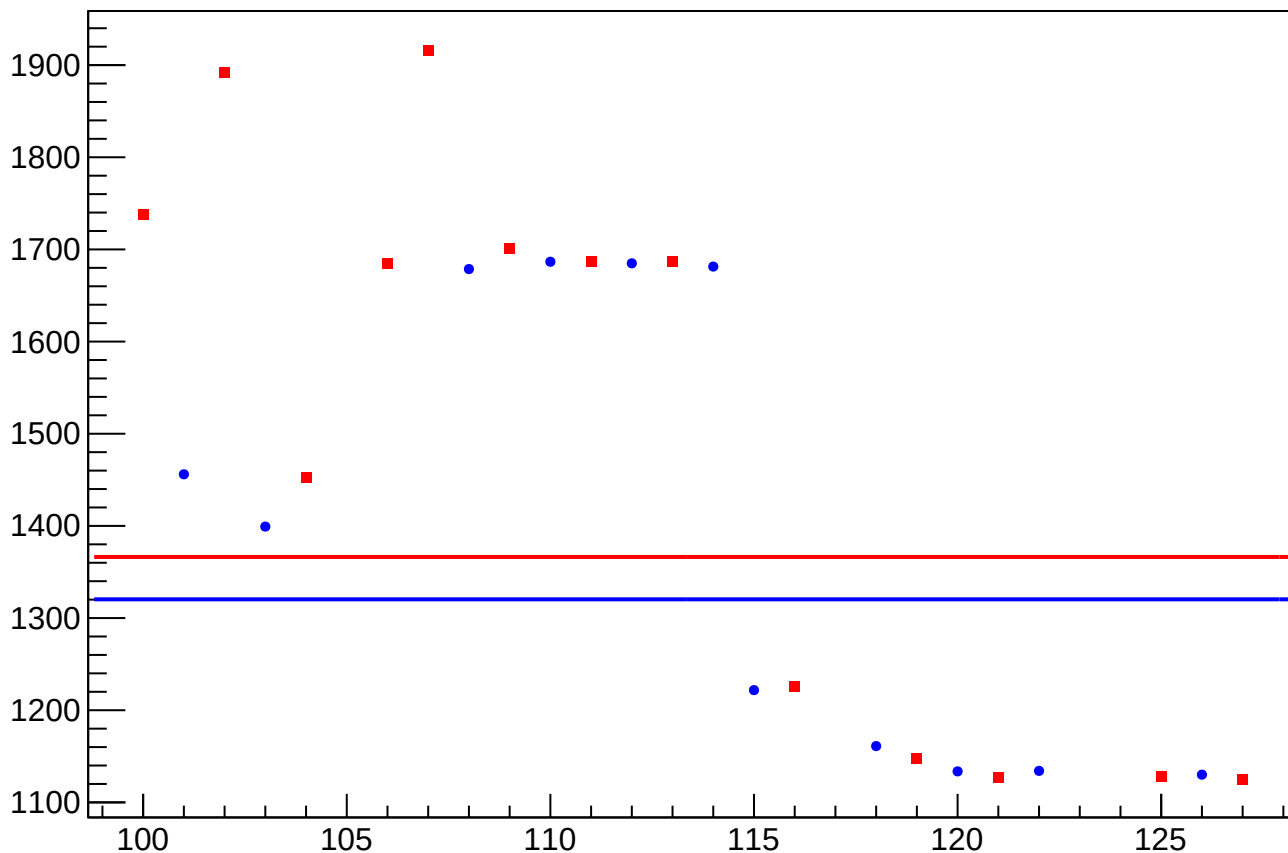
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -90.181+/-437.067 χ^2/NDF : 23.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_atl1_dd_rms vs Slug



Right In: 1320.335 $\pm$ 0.446 χ^2 /NDF: 230493.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1366.287 $\pm$ 0.428 χ^2 /NDF: 437012.1/12

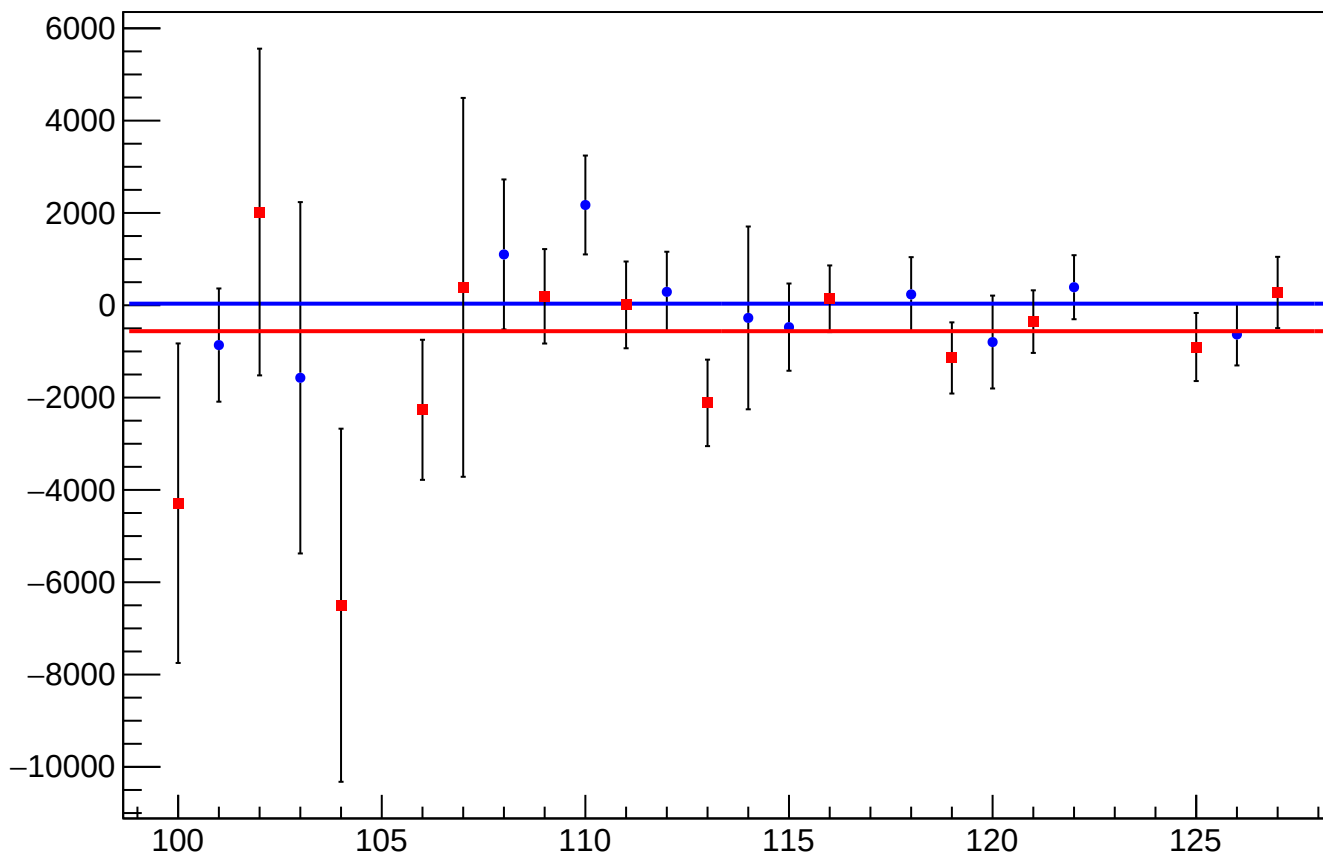
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1344.245 $\pm$ 0.309 χ^2 /NDF: 673023.1/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_eigen_dit_correction_mean vs Slug



Right In: 34.786+/-294.816 χ^2 /NDF: 7.5/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -561.179+/-274.789 χ^2 /NDF: 12.1/12

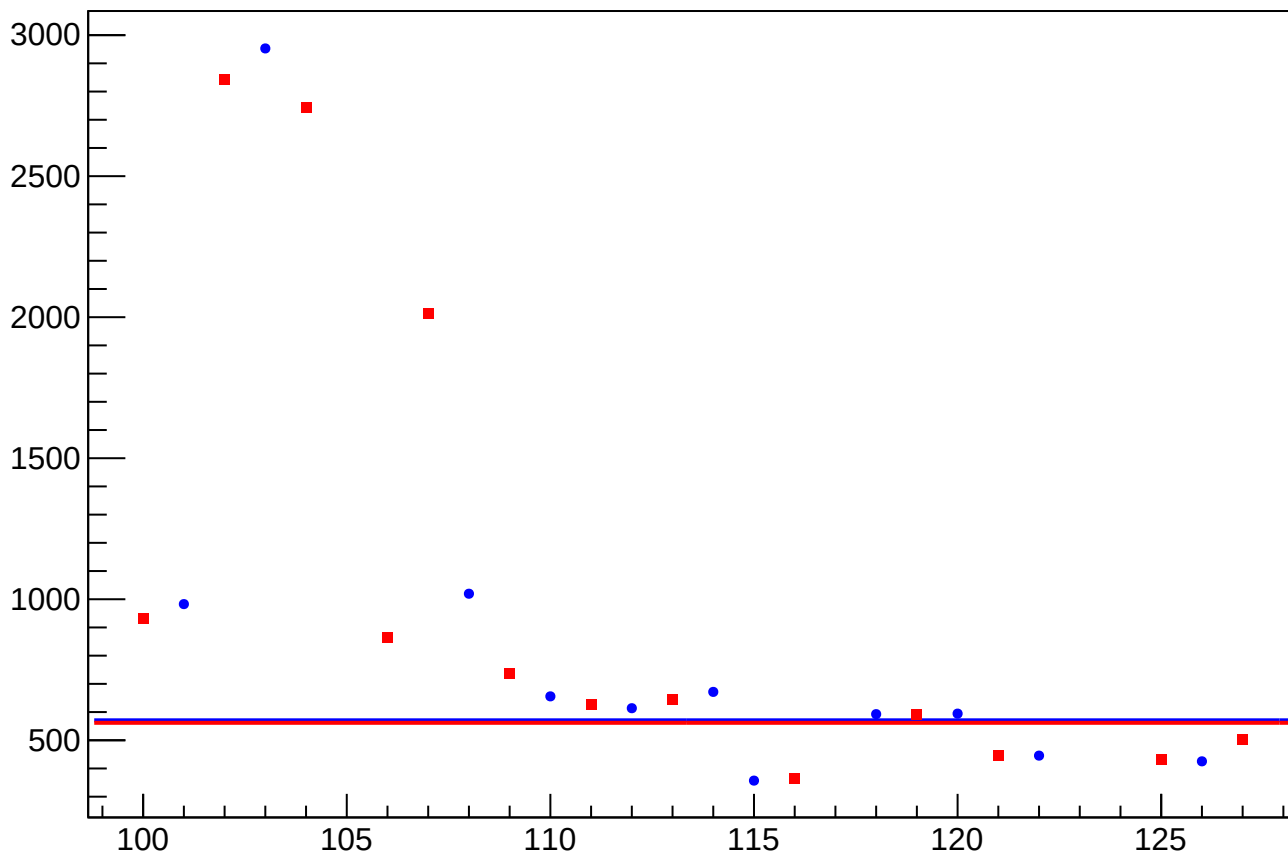
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -284.125+/-201.012 χ^2 /NDF: 21.8/23

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_eigen_dit_correction_rms vs Slug



Right In: 570.749+/-0.208 χ^2/NDF : 1448579.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

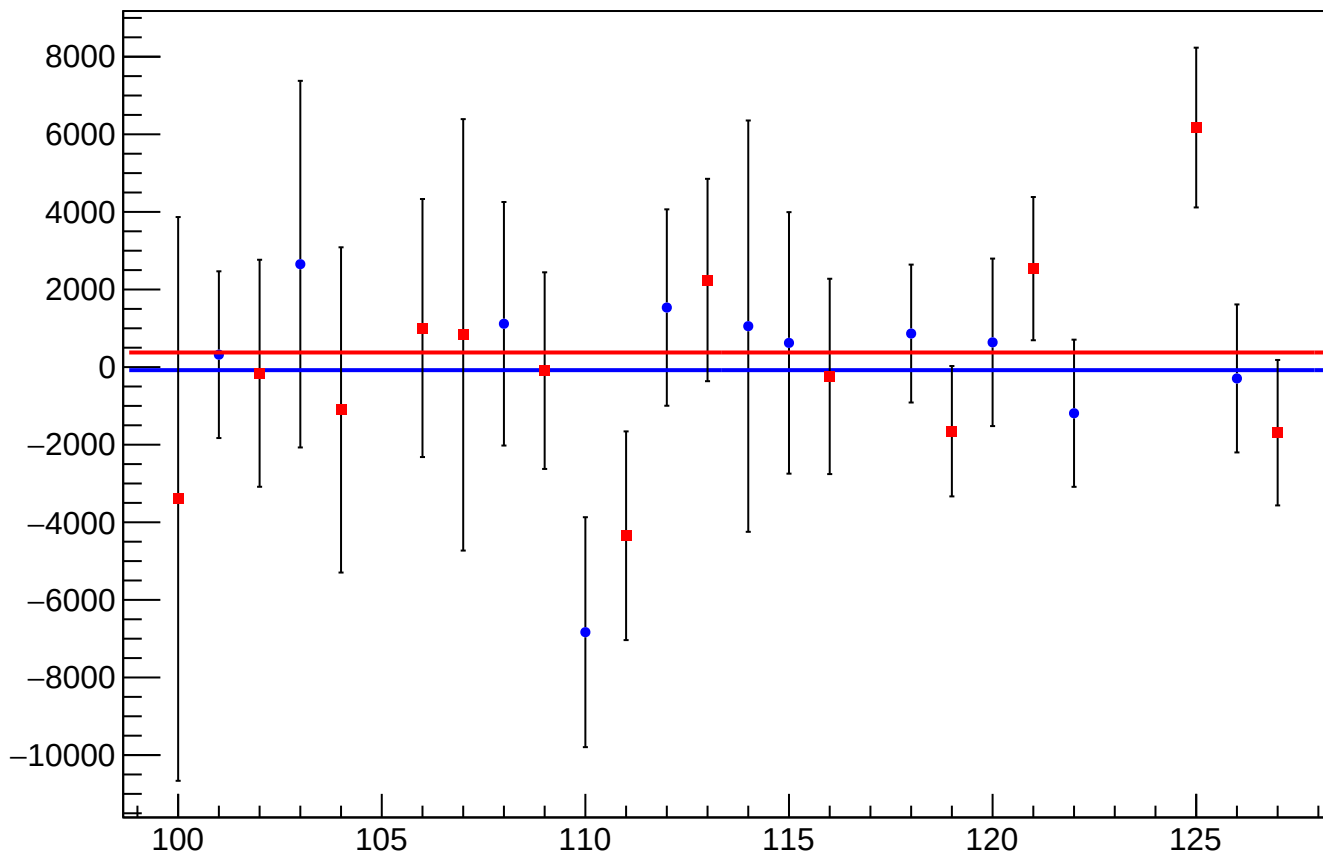
Right Out: 561.934+/-0.194 χ^2/NDF : 2201500.6/12

All: 566.032+/-0.142 χ^2/NDF : 3651037.0/23

- 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_dd_mean vs Slug



Right In: -78.627 ± 737.085 χ^2/NDF : 7.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 376.620 ± 692.985 χ^2/NDF : 16.1/12

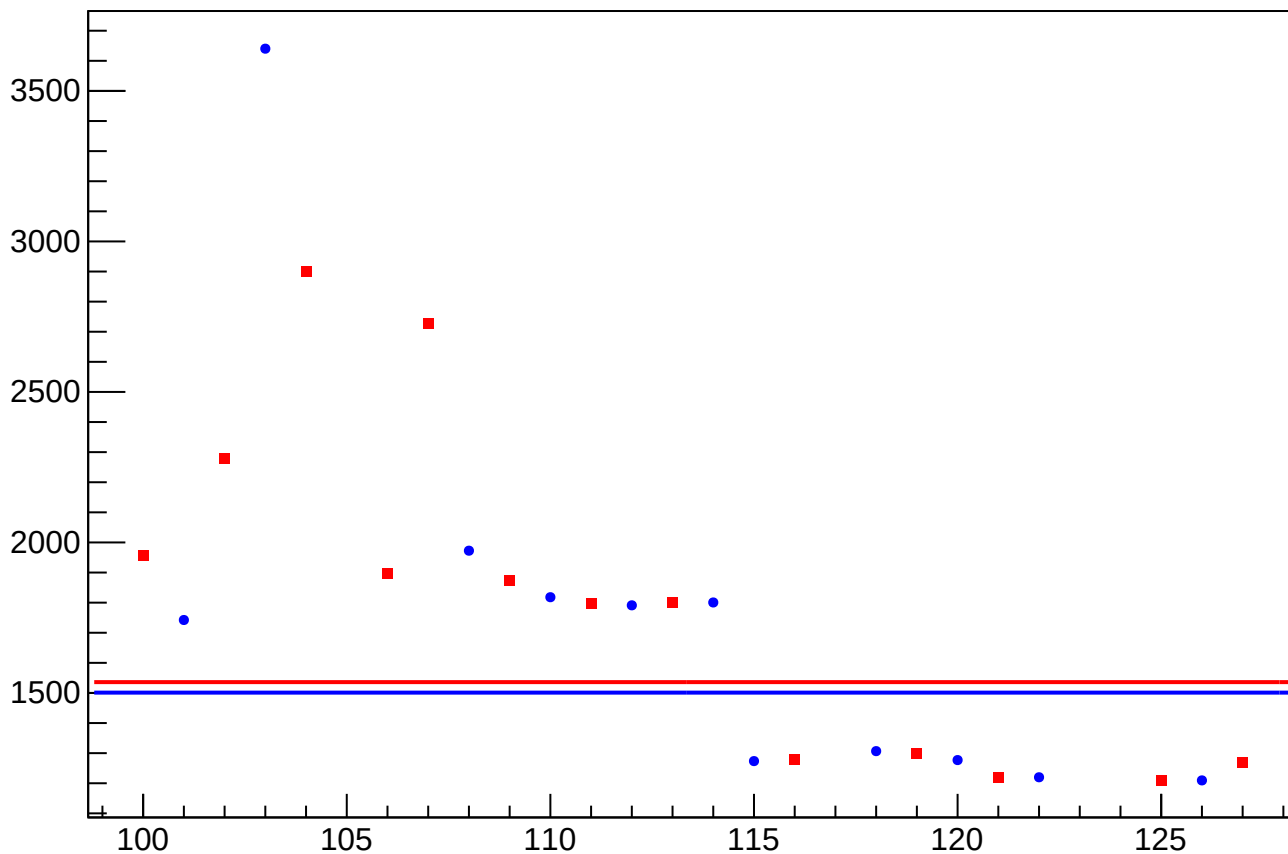
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 163.022 ± 504.885 χ^2/NDF : 23.3/23

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_rms vs Slug



Right In: 1501.083+/-0.521 χ^2/NDF : 681197.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1535.971+/-0.490 χ^2/NDF : 748961.8/12

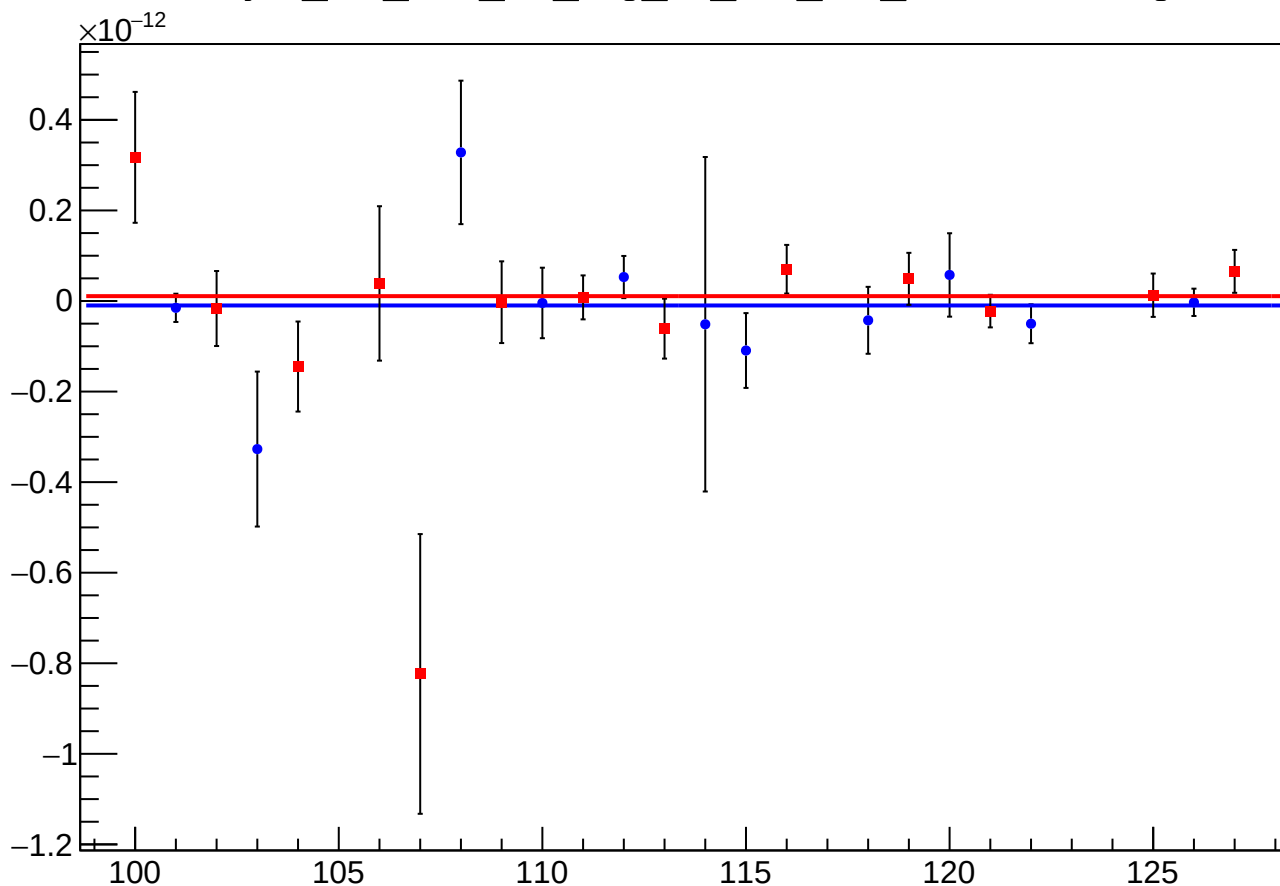
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1519.602+/-0.357 χ^2/NDF : 1432537.4/23

- sign 0.000+/-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 : 13.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 19.4/12

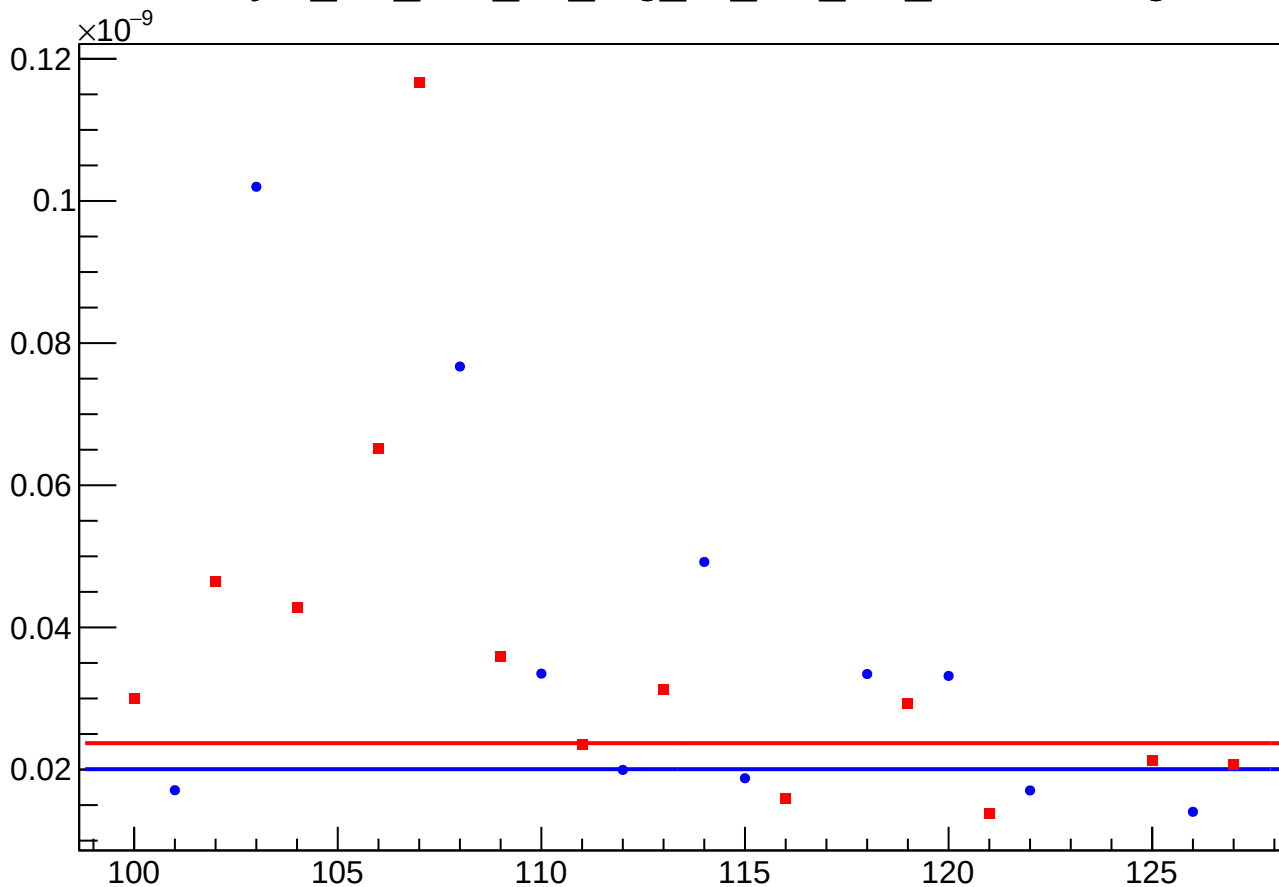
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 33.2/23

- 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 : 1000068.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 815854.3/12

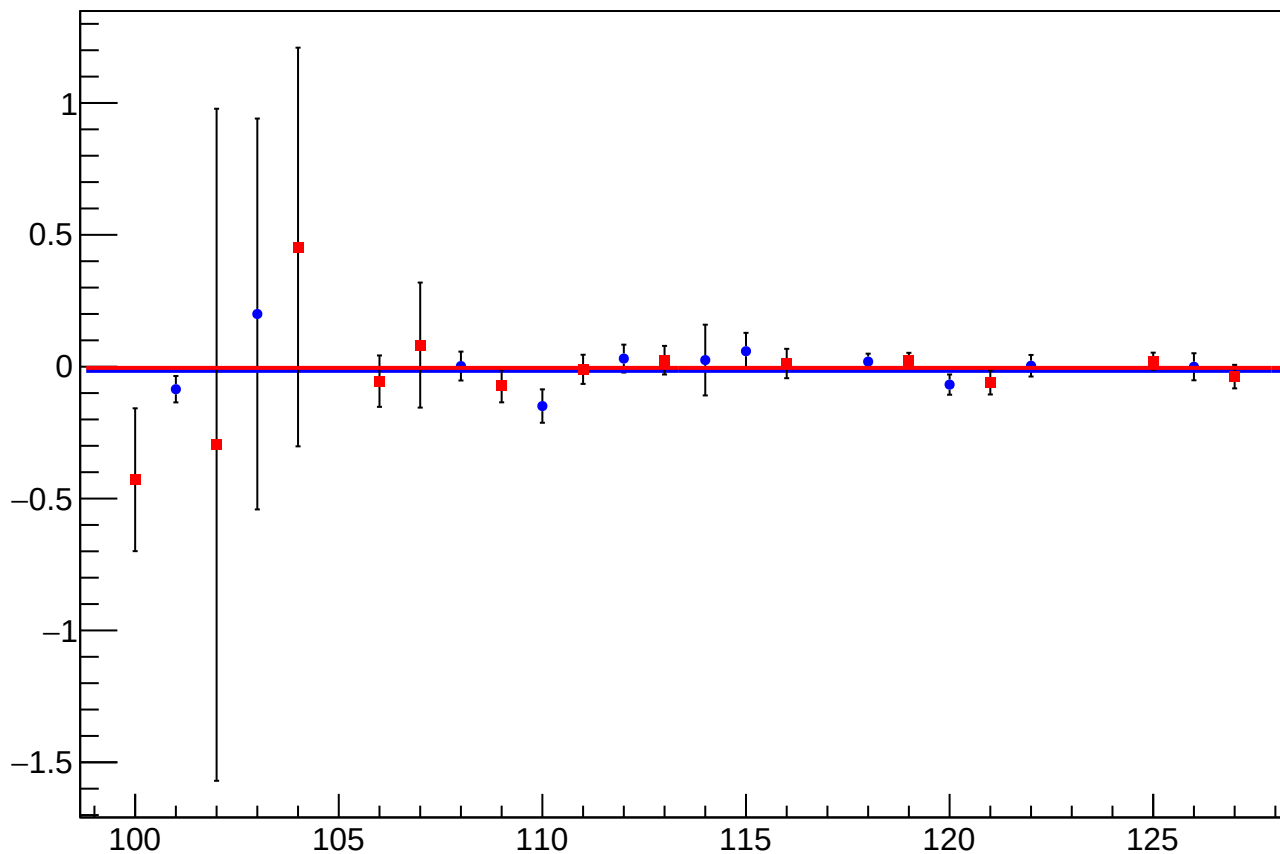
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1864242.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.016 ± 0.015 χ^2/NDF : 12.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.004 ± 0.015 χ^2/NDF : 8.4/12

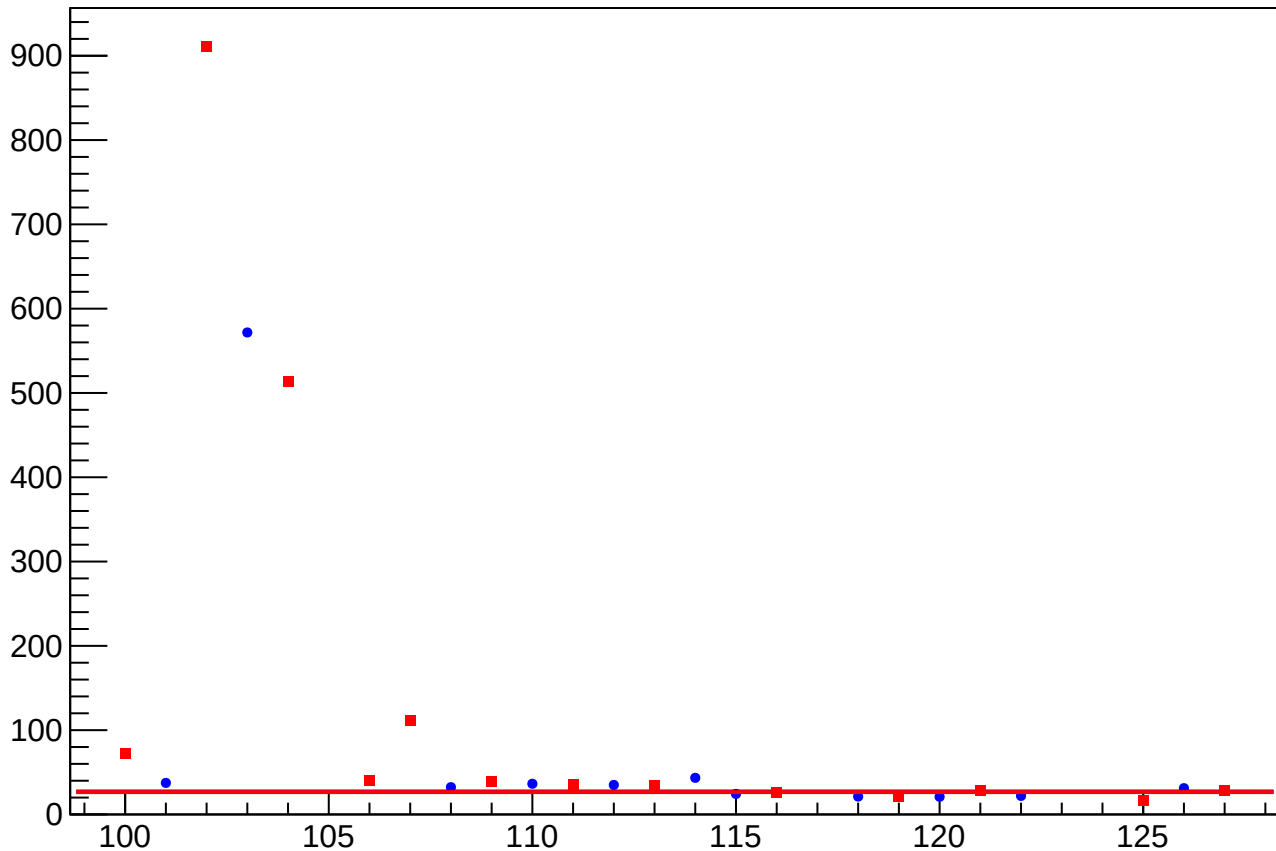
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.010 ± 0.011 χ^2/NDF : 20.7/23

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_dit_vs_cor_diff_rms vs Slug



Right In: 27.189+/-0.011 χ^2/NDF : 1472906.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.518+/-0.011 χ^2/NDF : 2576781.3/12

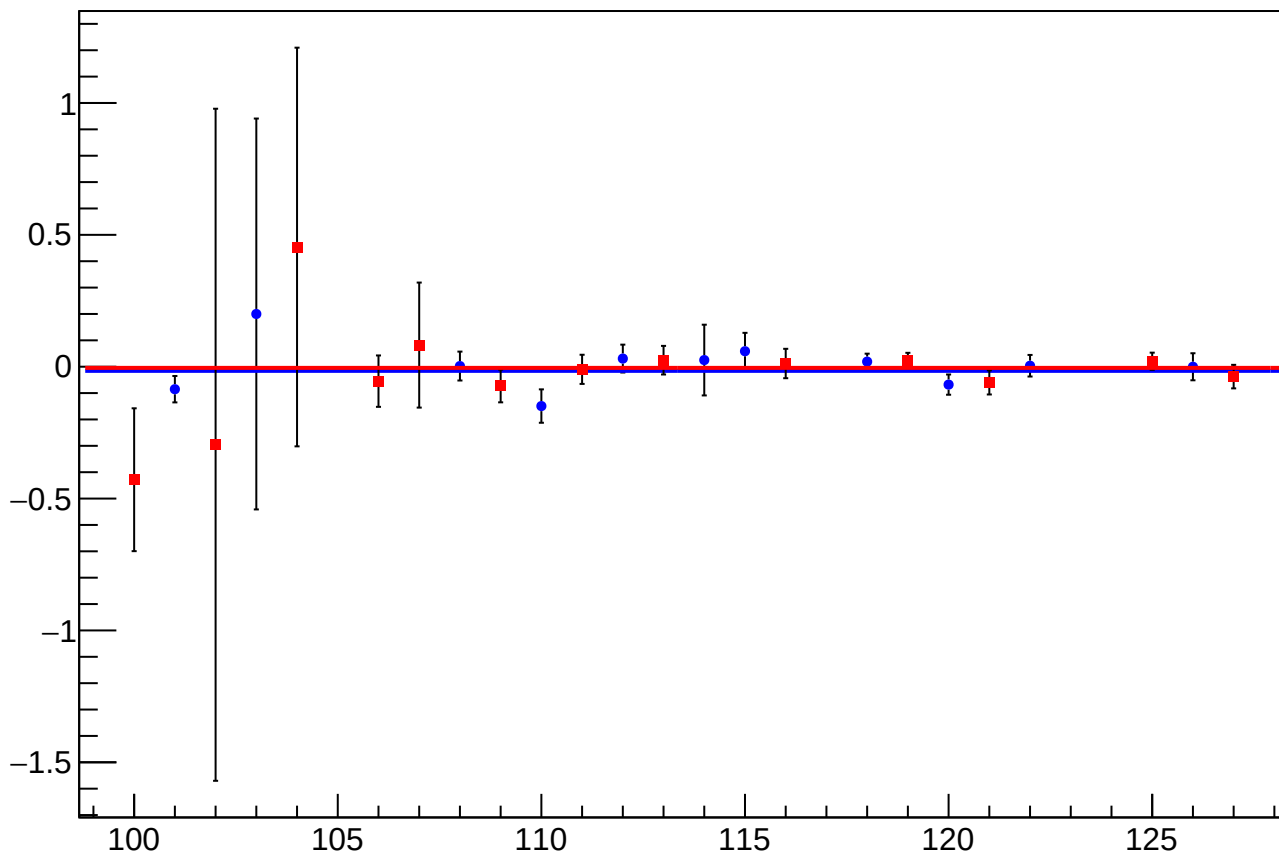
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.849+/-0.008 χ^2/NDF : 4051673.6/23

- 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: -0.016 ± 0.015 $\chi^2/\text{NDF}: 12.1/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.004 ± 0.015 $\chi^2/\text{NDF}: 8.4/12$

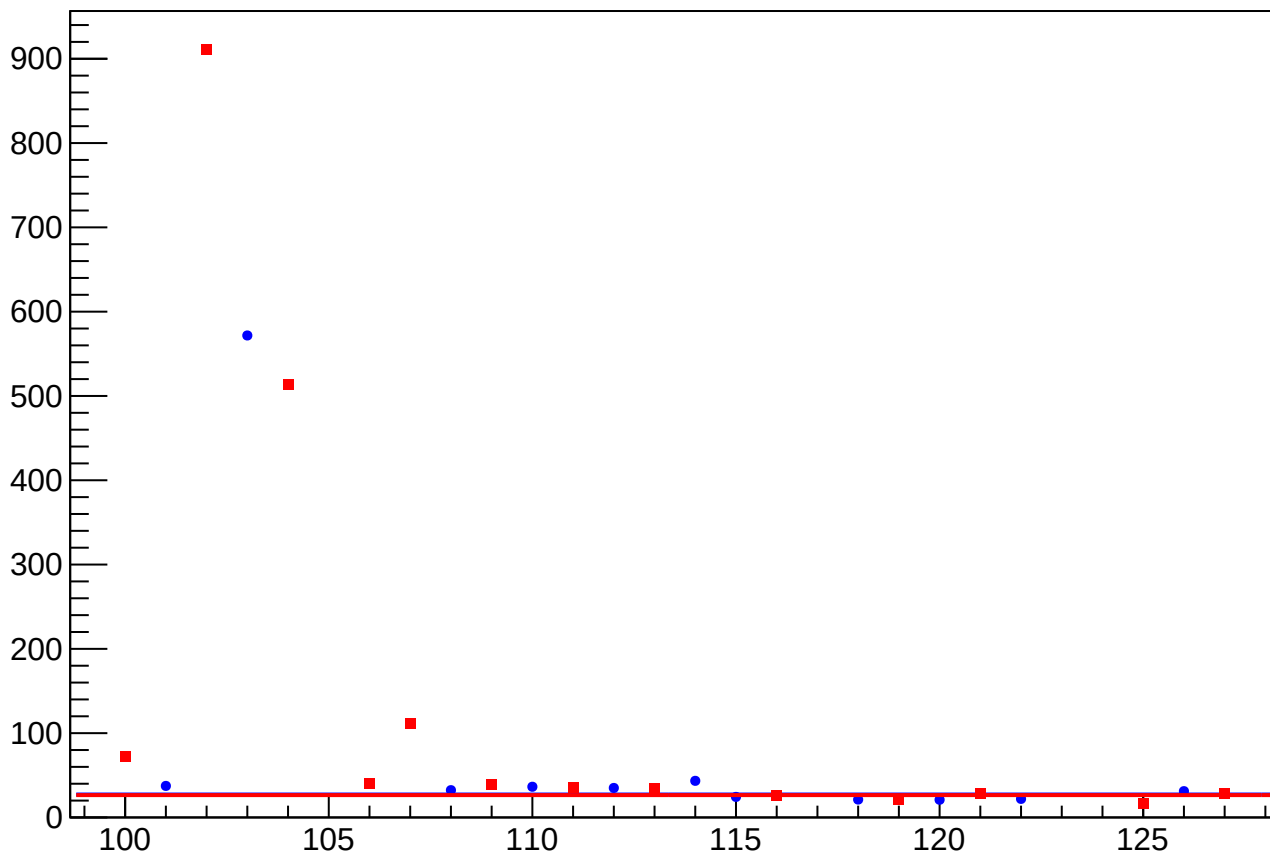
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.010 ± 0.011 $\chi^2/\text{NDF}: 20.7/23$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 27.189+/-0.011 χ^2/NDF : 1472906.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.518+/-0.011 χ^2/NDF : 2576781.3/12

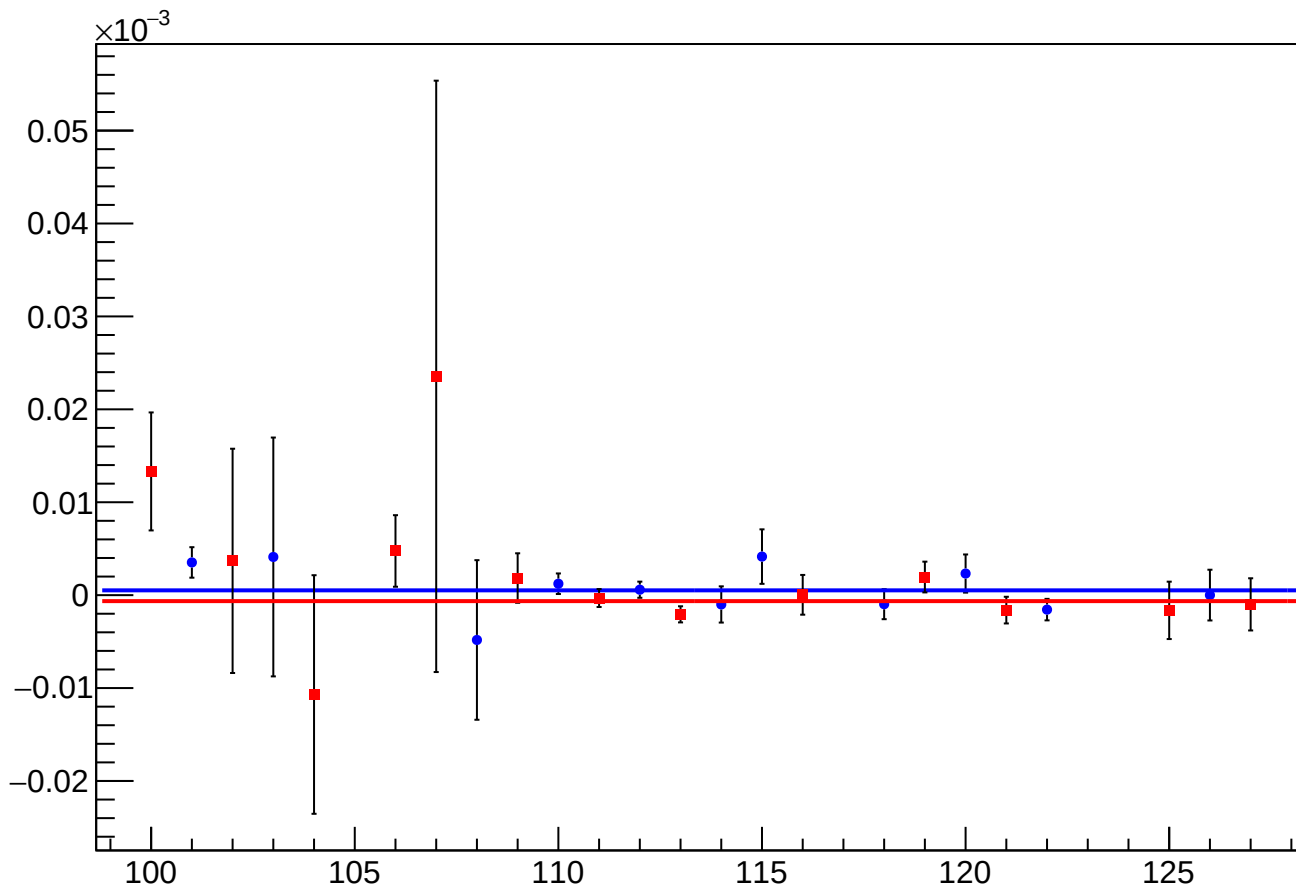
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.849+/-0.008 χ^2/NDF : 4051673.6/23

- 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: 11.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 14.9/12

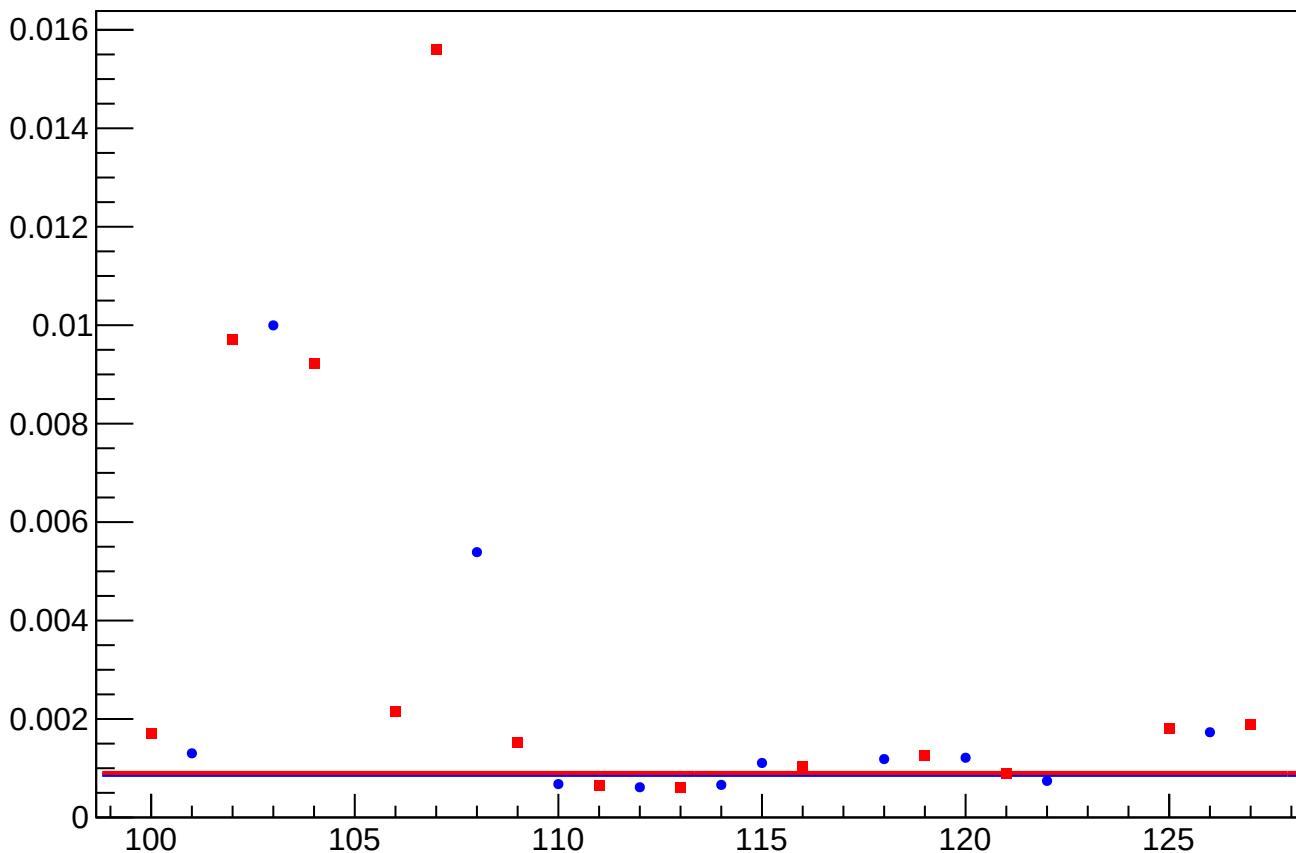
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 29.0/23

- 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 : 2326380.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3592556.1/12

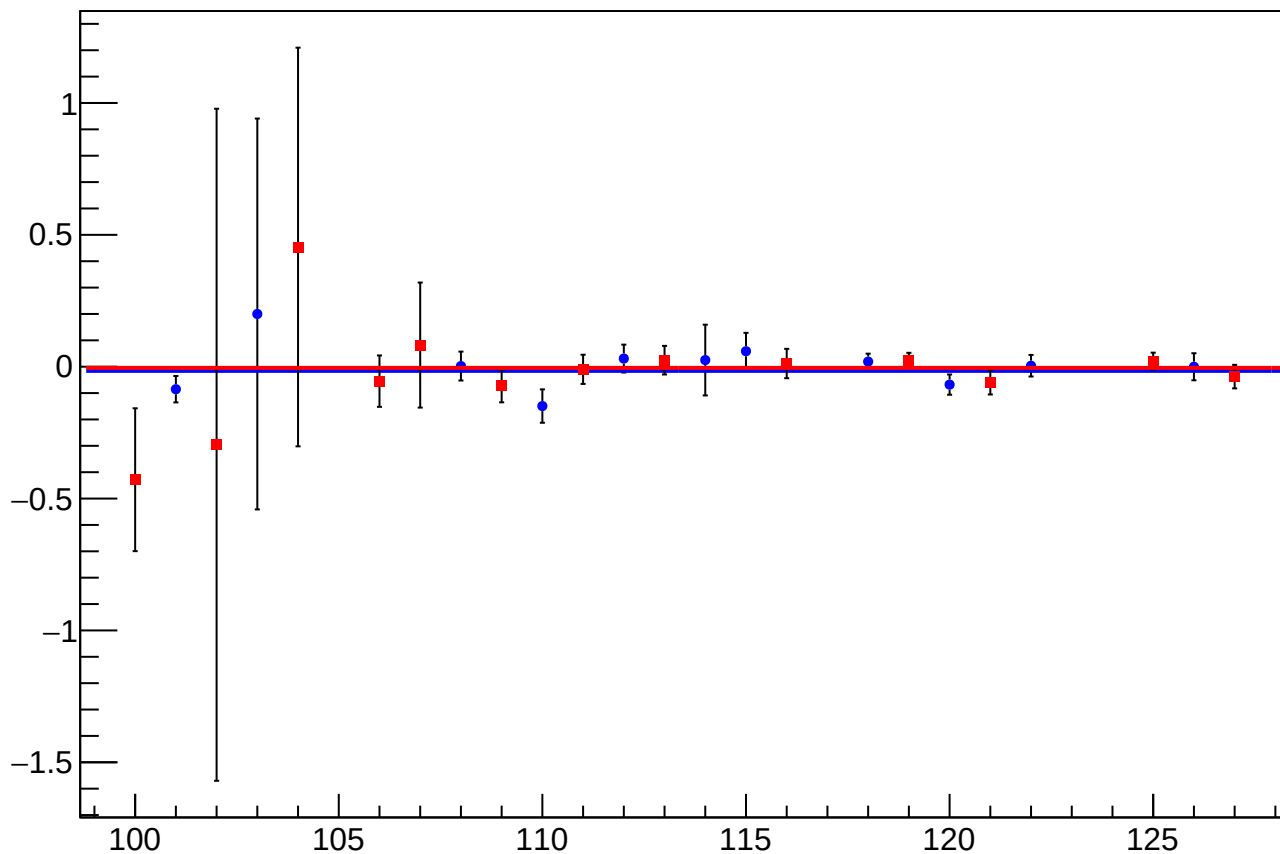
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5925704.5/23

- 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: -0.016 ± 0.015 χ^2/NDF : 12.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.004 ± 0.015 χ^2/NDF : 8.4/12

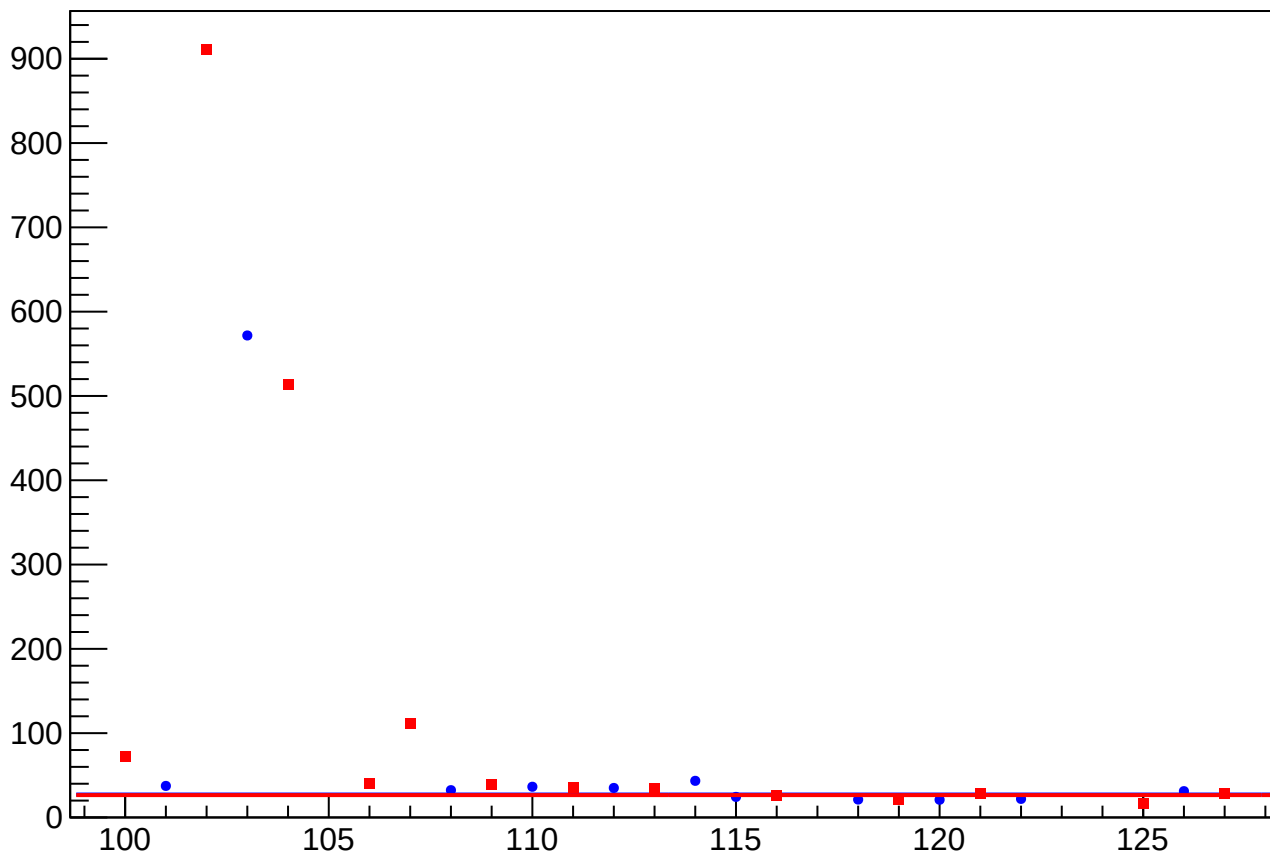
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.010 ± 0.011 χ^2/NDF : 20.7/23

- 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: 27.189+/-0.011 χ^2/NDF : 1472908.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.518+/-0.011 χ^2/NDF : 2576805.0/12

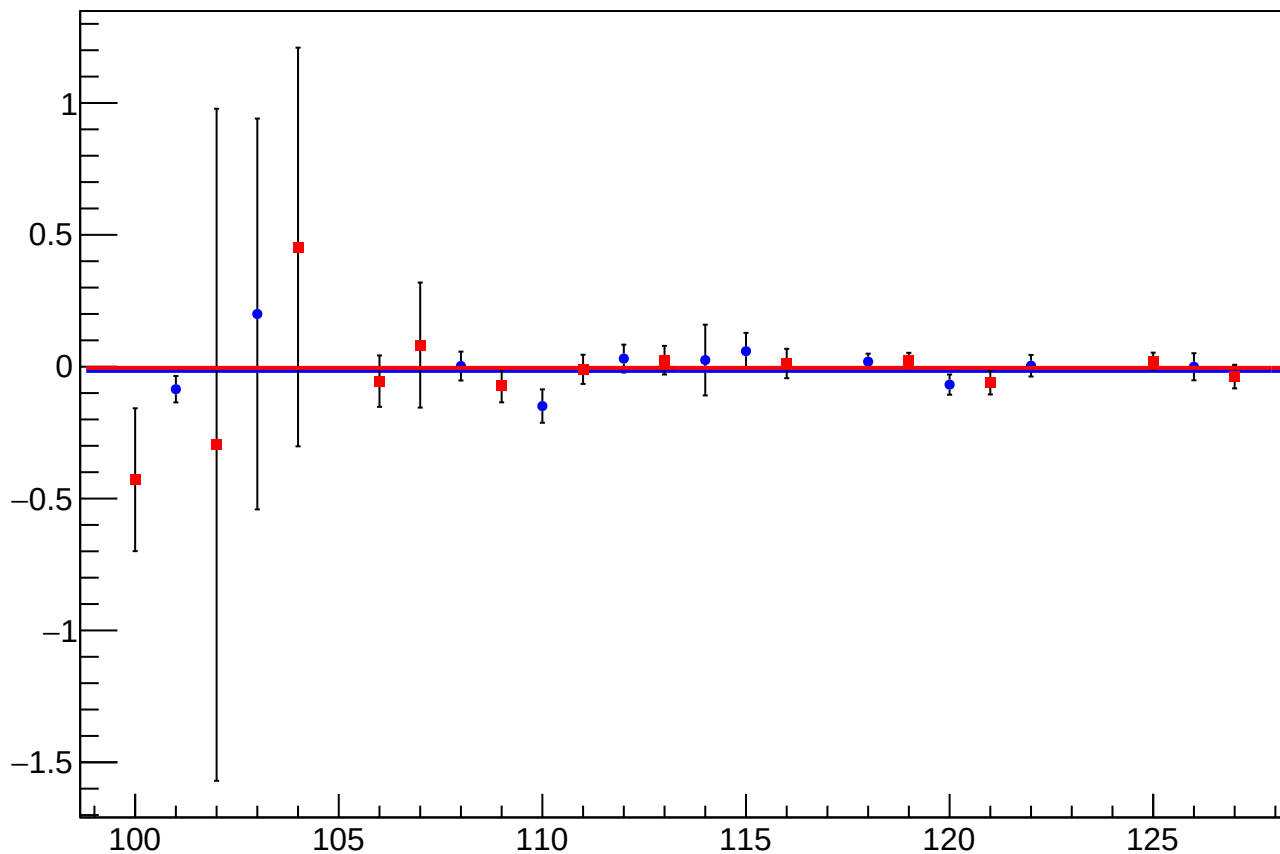
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.849+/-0.008 χ^2/NDF : 4051698.8/23

- 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: -0.016 $\pm$ 0.015 χ^2 /NDF: 12.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.015 χ^2 /NDF: 8.4/12

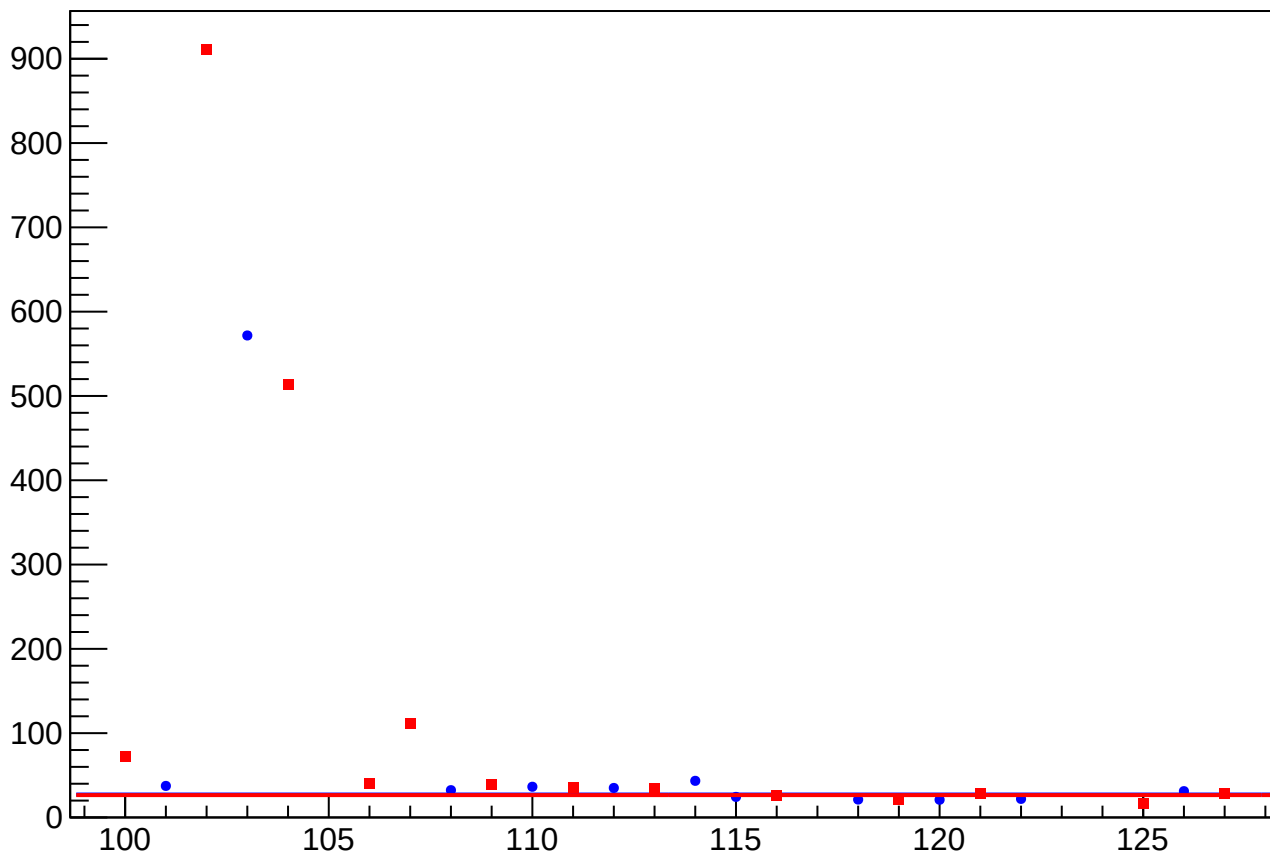
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.010 $\pm$ 0.011 χ^2 /NDF: 20.7/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 27.189+/-0.011 χ^2 /NDF: 1472908.5/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 26.518+/-0.011 χ^2 /NDF: 2576805.0/12

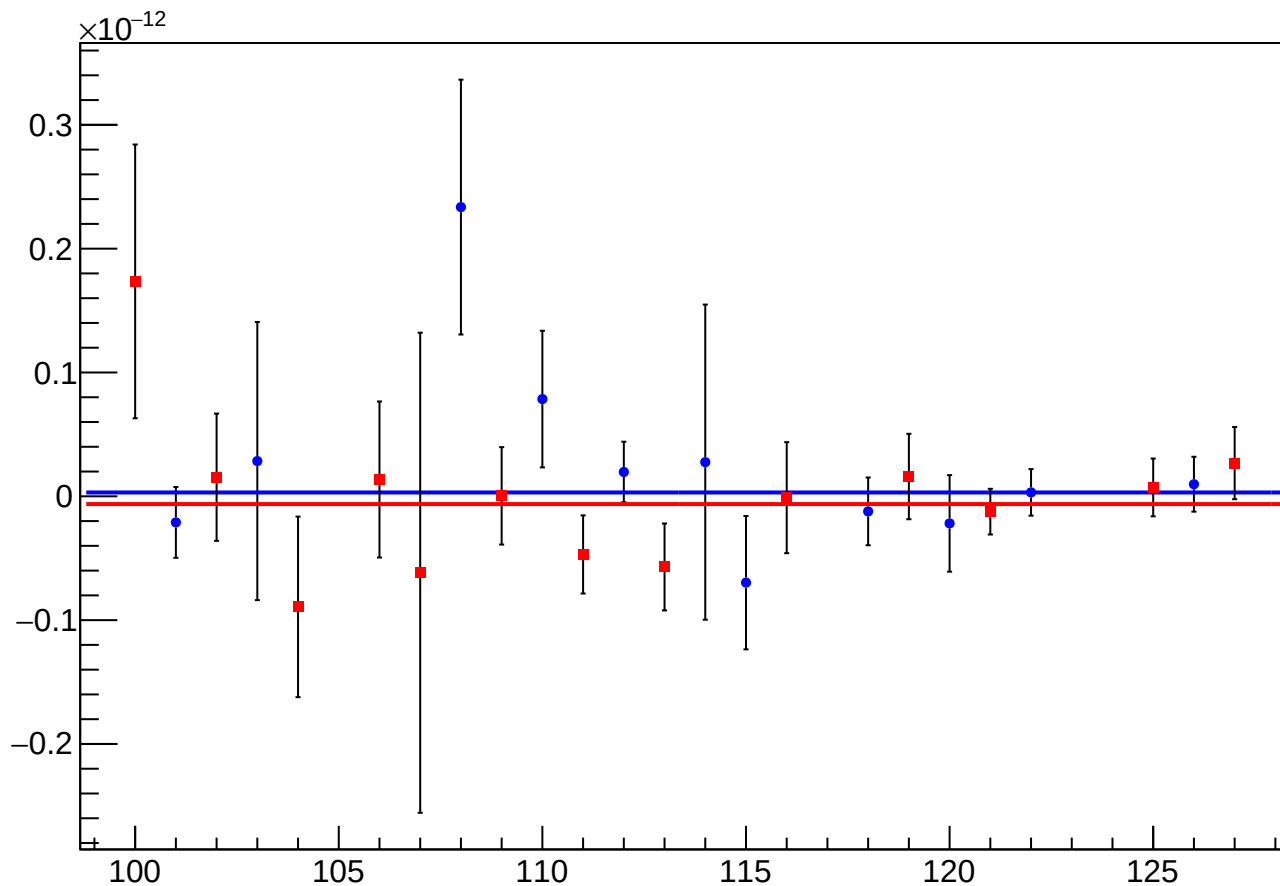
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 26.849+/-0.008 χ^2 /NDF: 4051698.8/23

- 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: 10.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.2/12

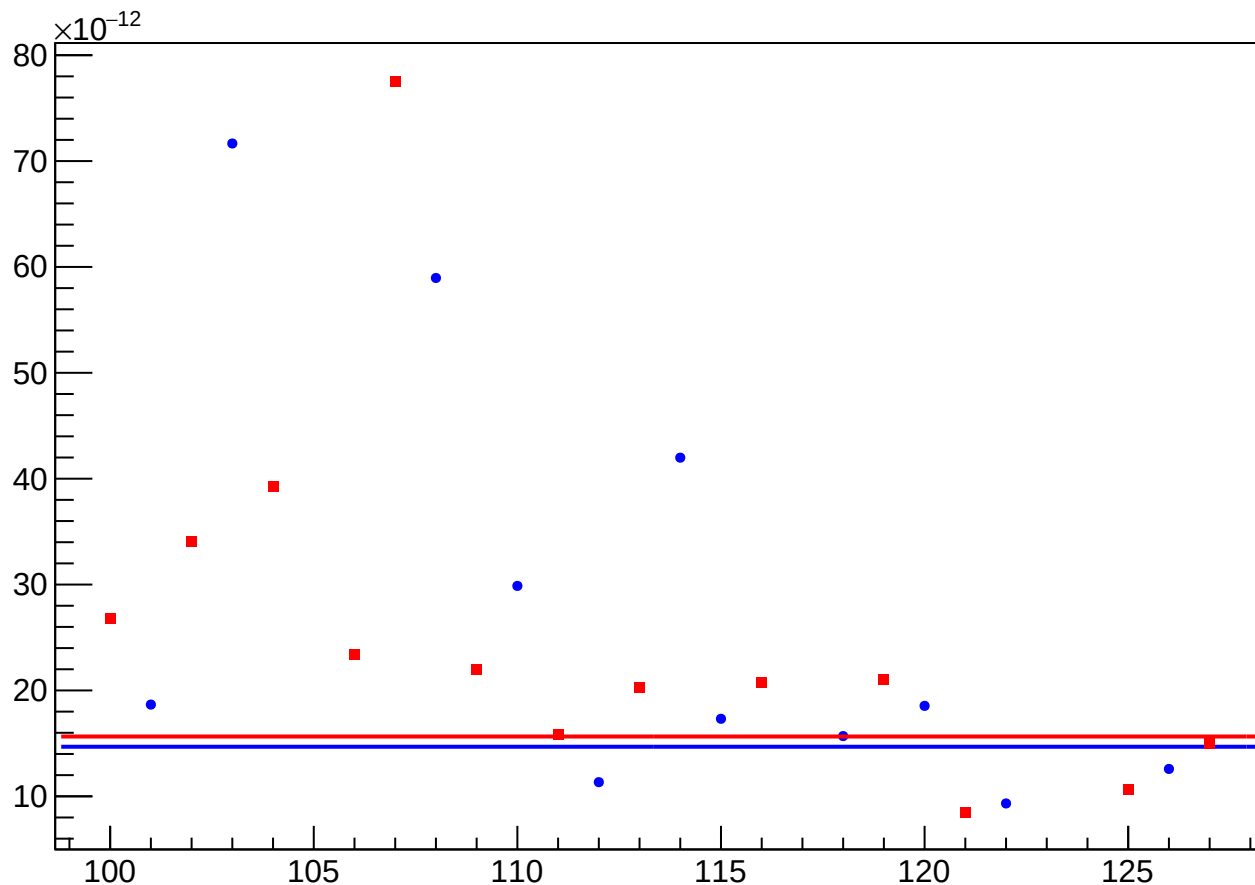
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 21.5/23

- 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 : 1412585.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1279954.0/12

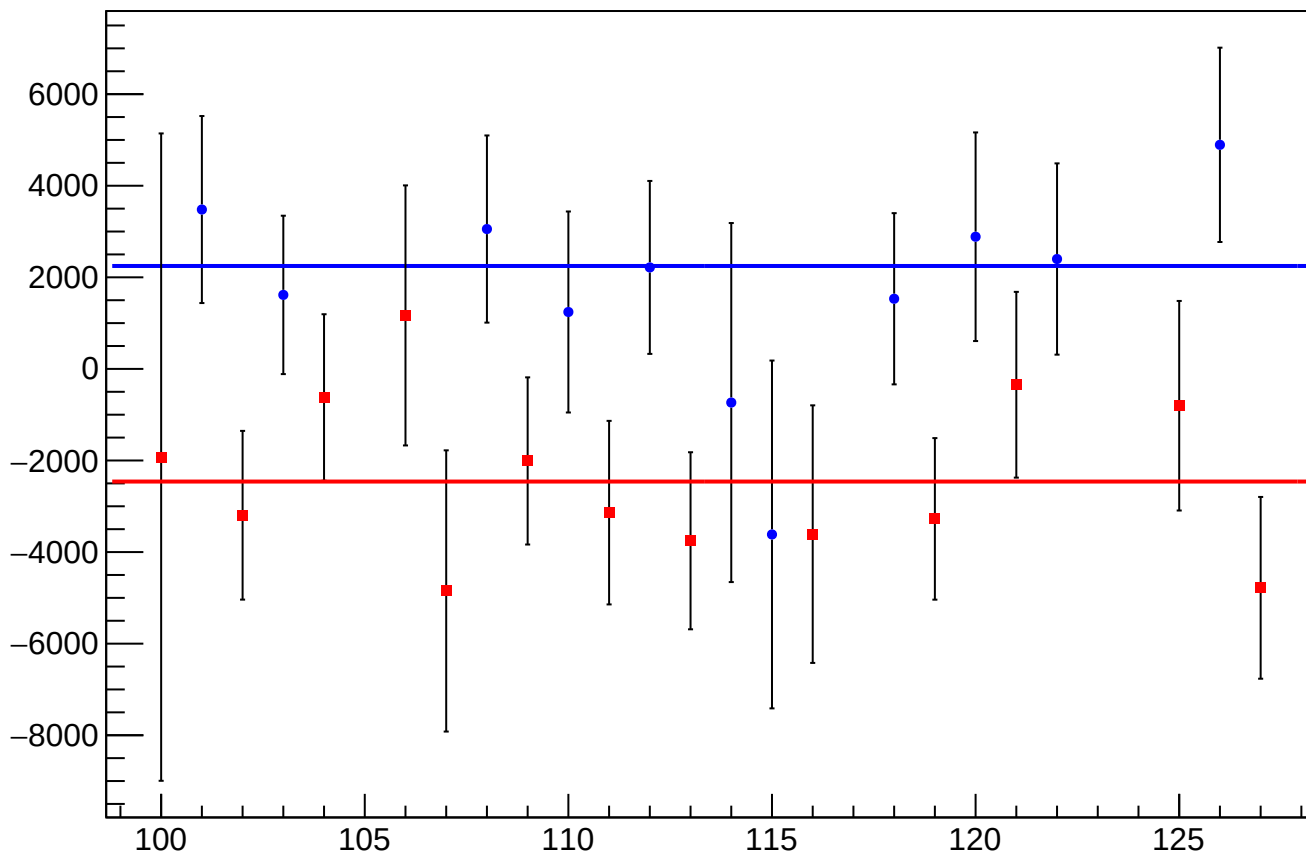
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2702495.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_avg_mean vs Slug



Right In: 2247.729 $\pm$ 650.093 χ^2 /NDF: 5.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2459.934 $\pm$ 597.650 χ^2 /NDF: 7.4/12

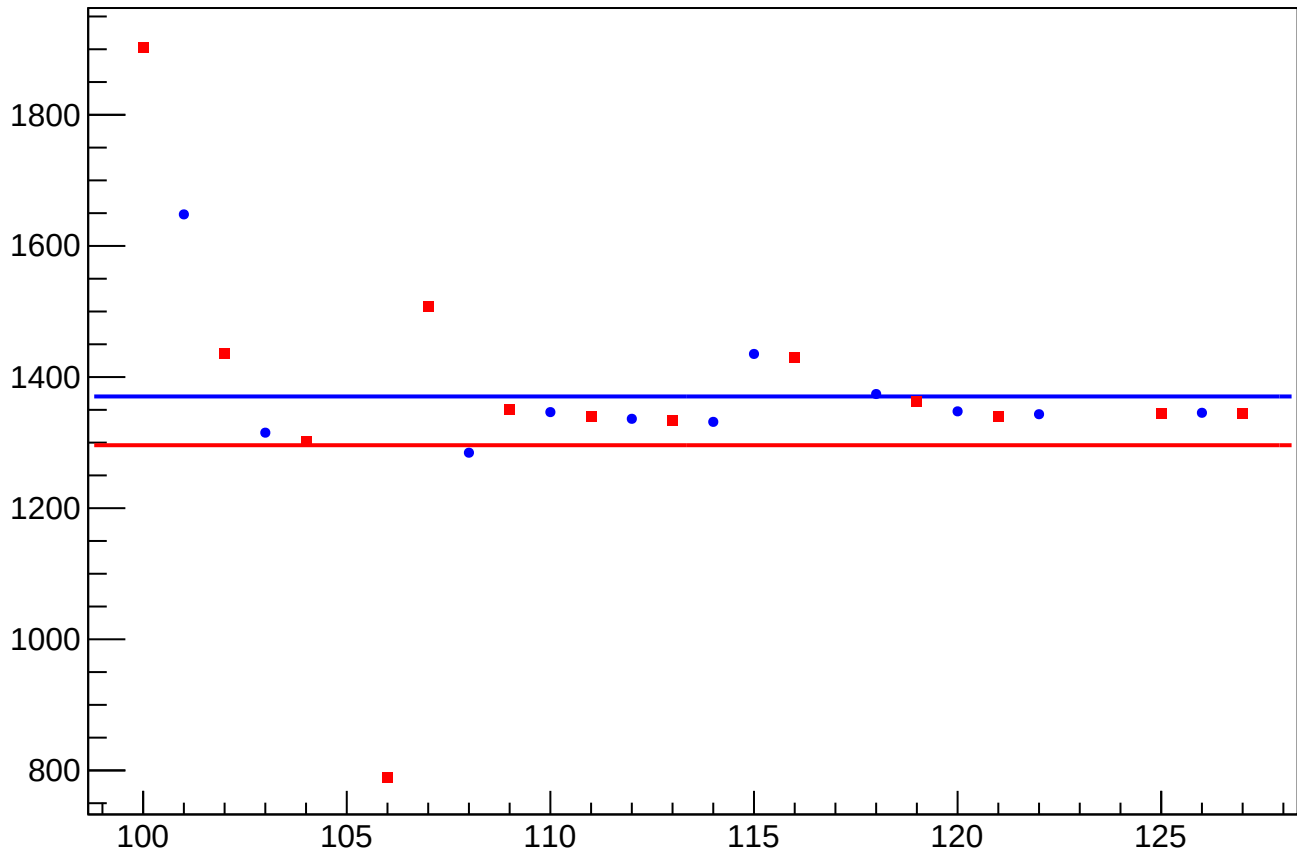
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -303.617 $\pm$ 439.976 χ^2 /NDF: 41.4/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_avg_rms vs Slug



Right In: 1370.415 $\pm$ 0.460 χ^2 /NDF: 45037.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1296.040 $\pm$ 0.405 χ^2 /NDF: 237862.2/12

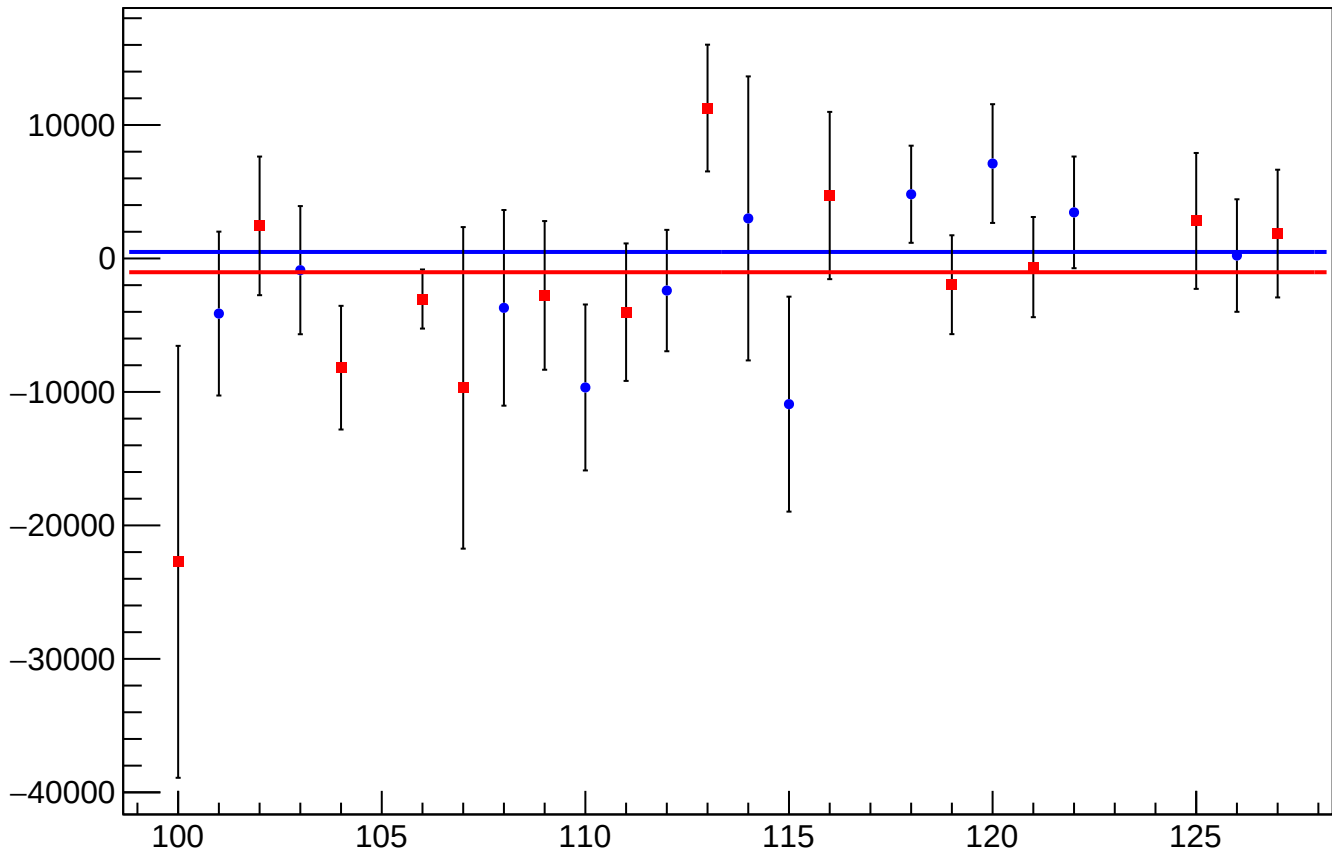
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1328.576 $\pm$ 0.304 χ^2 /NDF: 297626.2/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_reg_correction_mean vs Slug



Right In: 487.085+/-1531.262 χ^2/NDF : 10.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1030.508+/-1226.988 χ^2/NDF : 15.0/12

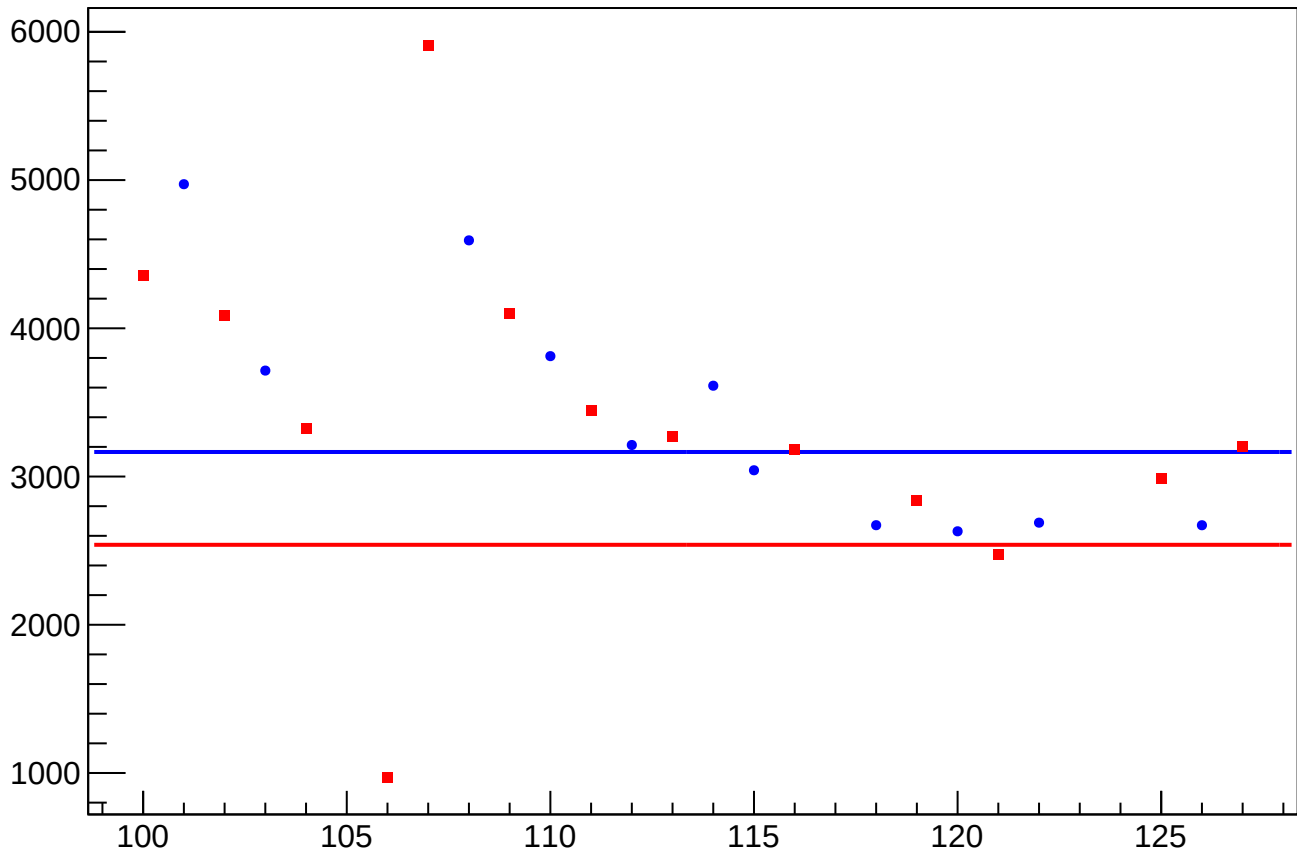
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -437.110+/-957.513 χ^2/NDF : 25.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_reg_correction_rms vs Slug



Right In: 3165.630+/-1.083 χ^2/NDF : 420305.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

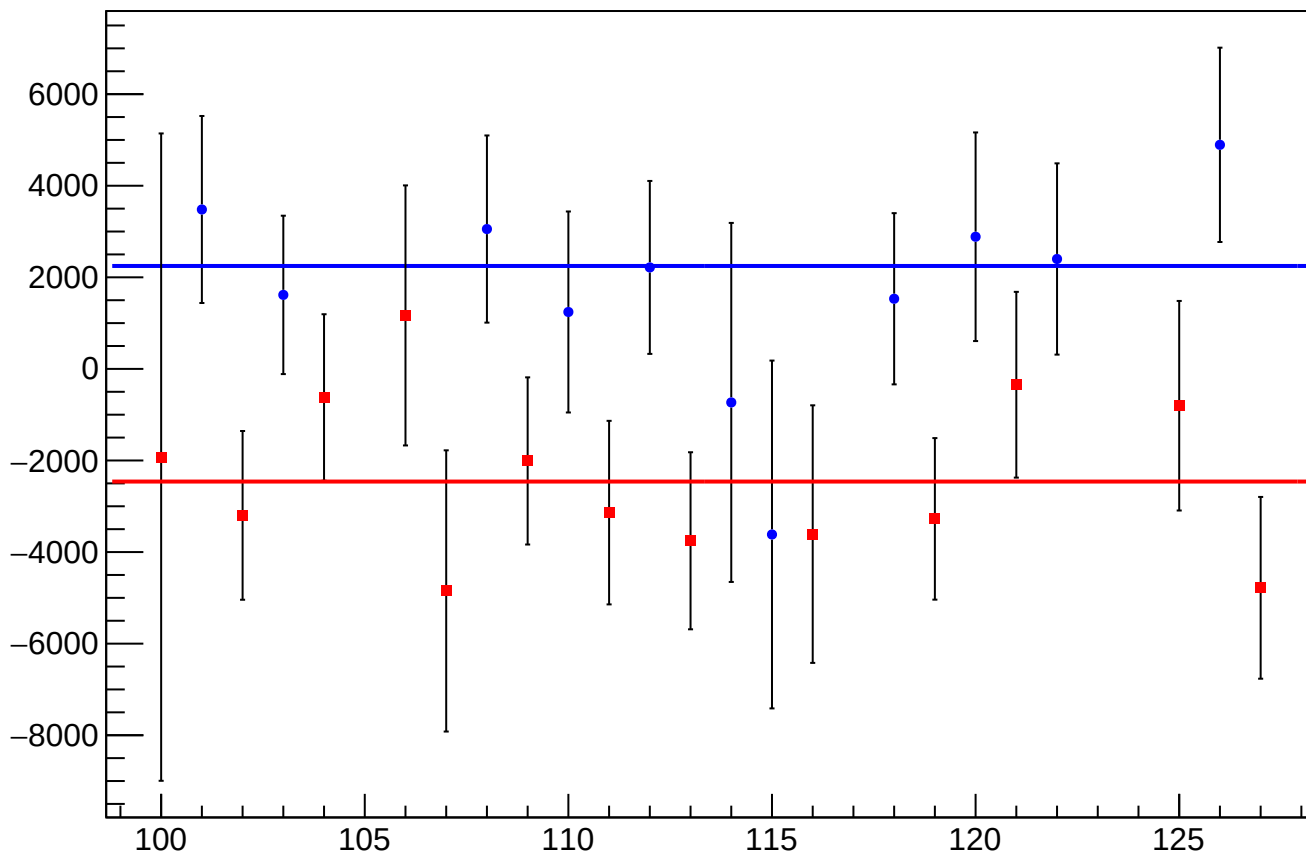
Right Out: 2539.417+/-0.868 χ^2/NDF : 1775657.9/12

All: 2784.274+/-0.677 χ^2/NDF : 2399659.6/23

- 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_usl_atl2_avg_mean vs Slug



Right In: 2247.901 $\pm$ 650.093 χ^2 /NDF: 5.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2460.195 $\pm$ 597.655 χ^2 /NDF: 7.4/12

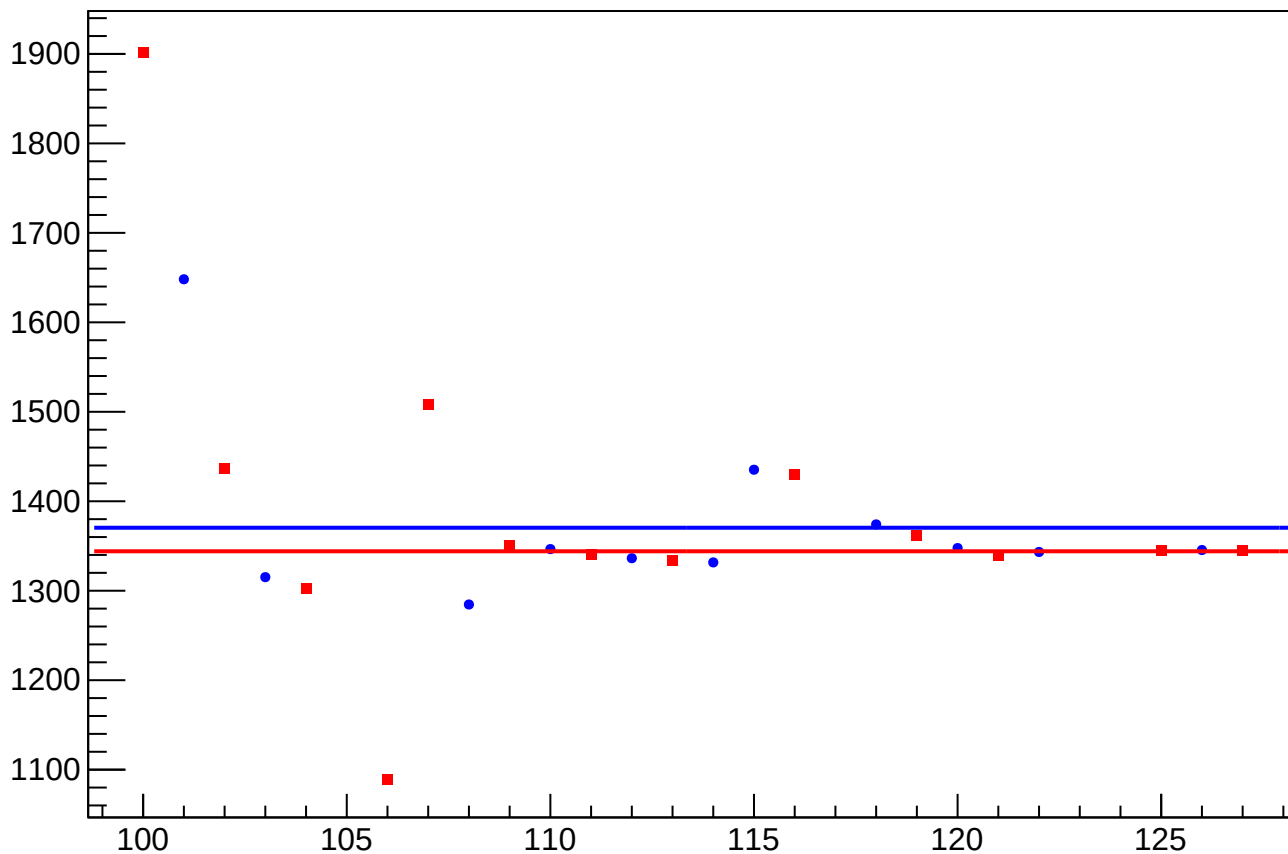
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -303.660 $\pm$ 439.978 χ^2 /NDF: 41.4/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_usl_atl2_avg_rms vs Slug



Right In: 1370.414+/-0.460 χ^2/NDF : 45037.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1344.100+/-0.415 χ^2/NDF : 55630.6/12

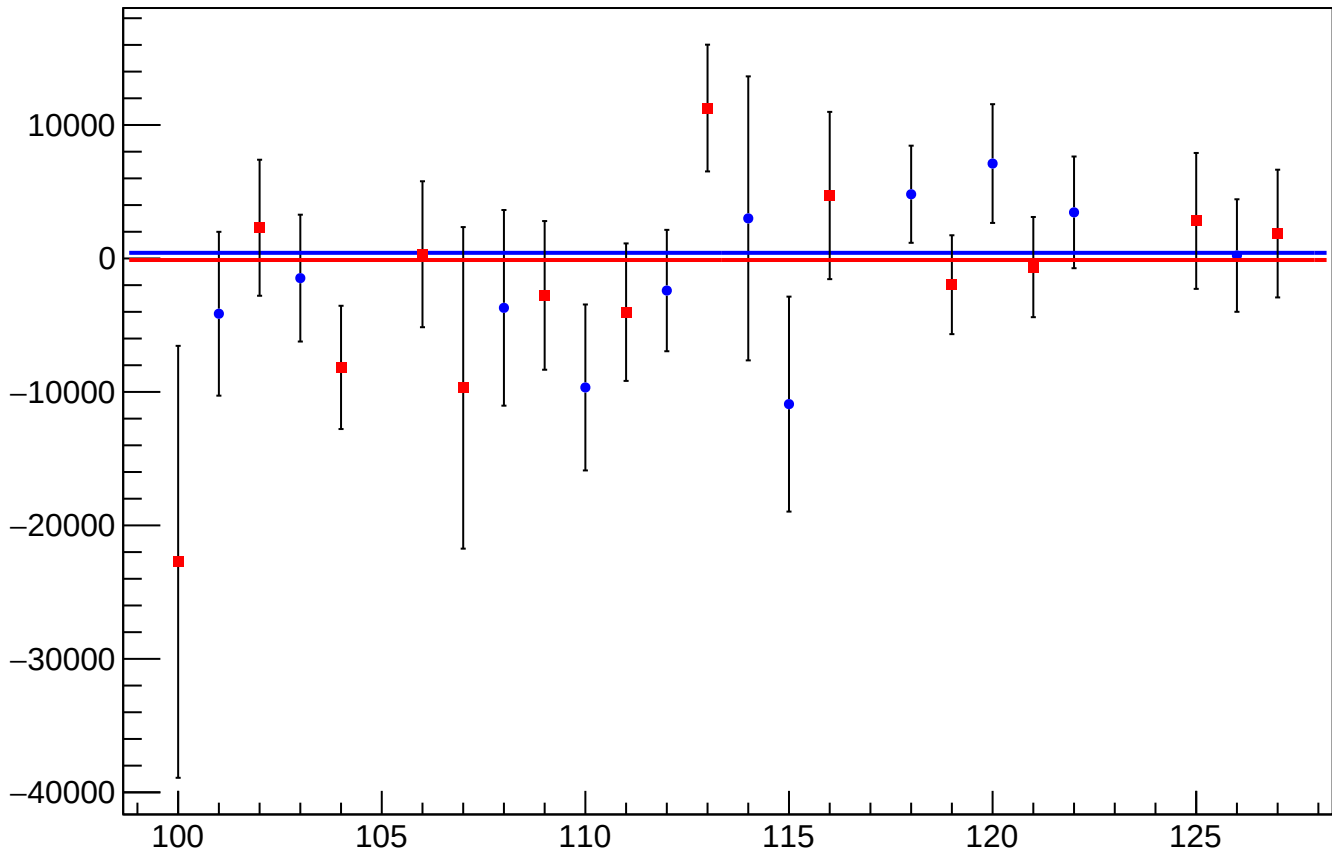
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1355.924+/-0.308 χ^2/NDF : 102472.9/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_cor_correction_mean vs Slug



Right In: 421.817+/-1529.634 χ^2/NDF : 10.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -115.948+/-1420.694 χ^2/NDF : 13.8/12

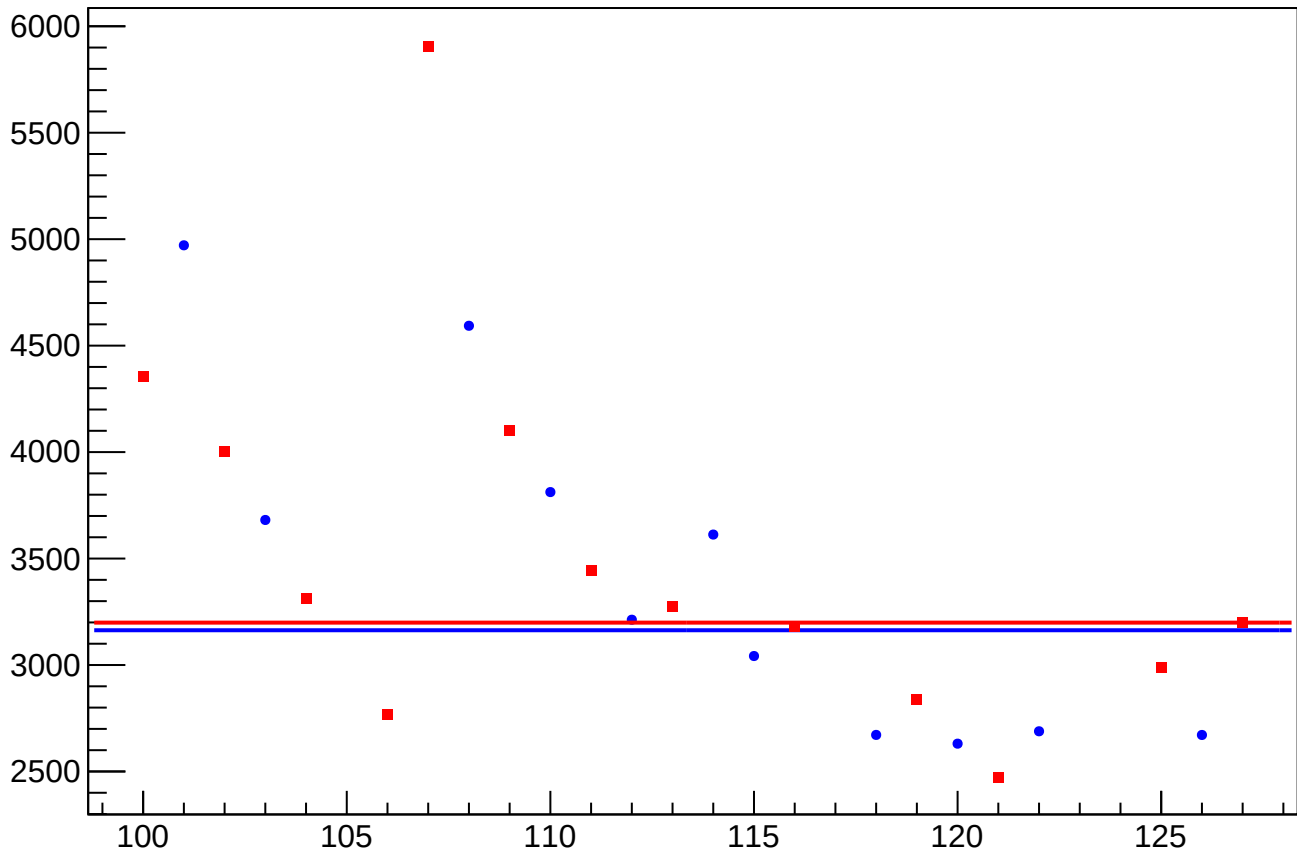
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.105+/-1040.967 χ^2/NDF : 24.2/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_cor_correction_rms vs Slug



Right In: 3163.283+/-1.082 χ^2/NDF : 417550.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3199.095+/-1.005 χ^2/NDF : 328808.3/12

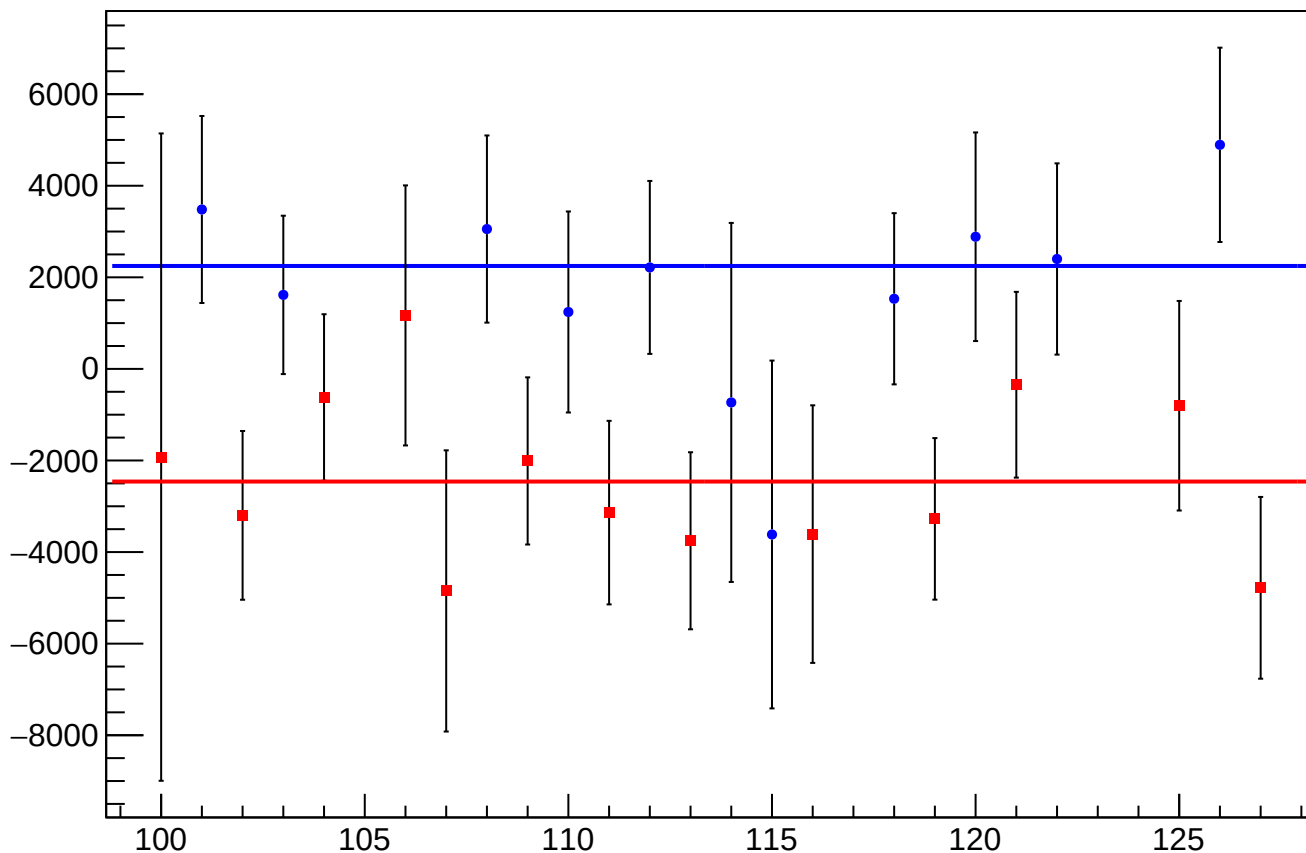
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3182.510+/-0.736 χ^2/NDF : 746947.2/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_atl2_avg_mean vs Slug



Right In: 2247.901 $\pm$ 650.093 χ^2 /NDF: 5.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2460.195 $\pm$ 597.655 χ^2 /NDF: 7.4/12

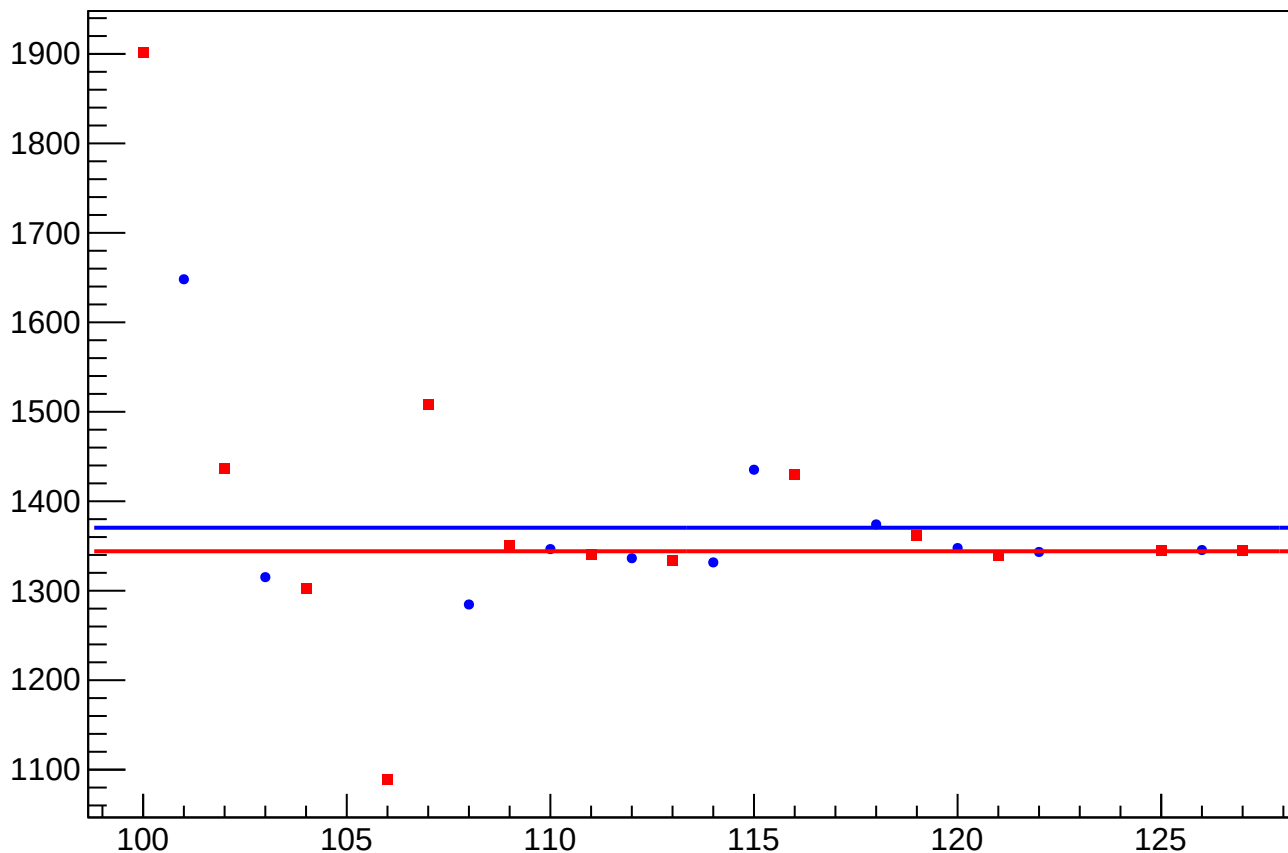
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -303.660 $\pm$ 439.978 χ^2 /NDF: 41.4/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usl_atl2_avg_rms vs Slug



Right In: 1370.414+/-0.460 χ^2/NDF : 45037.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1344.100+/-0.415 χ^2/NDF : 55630.6/12

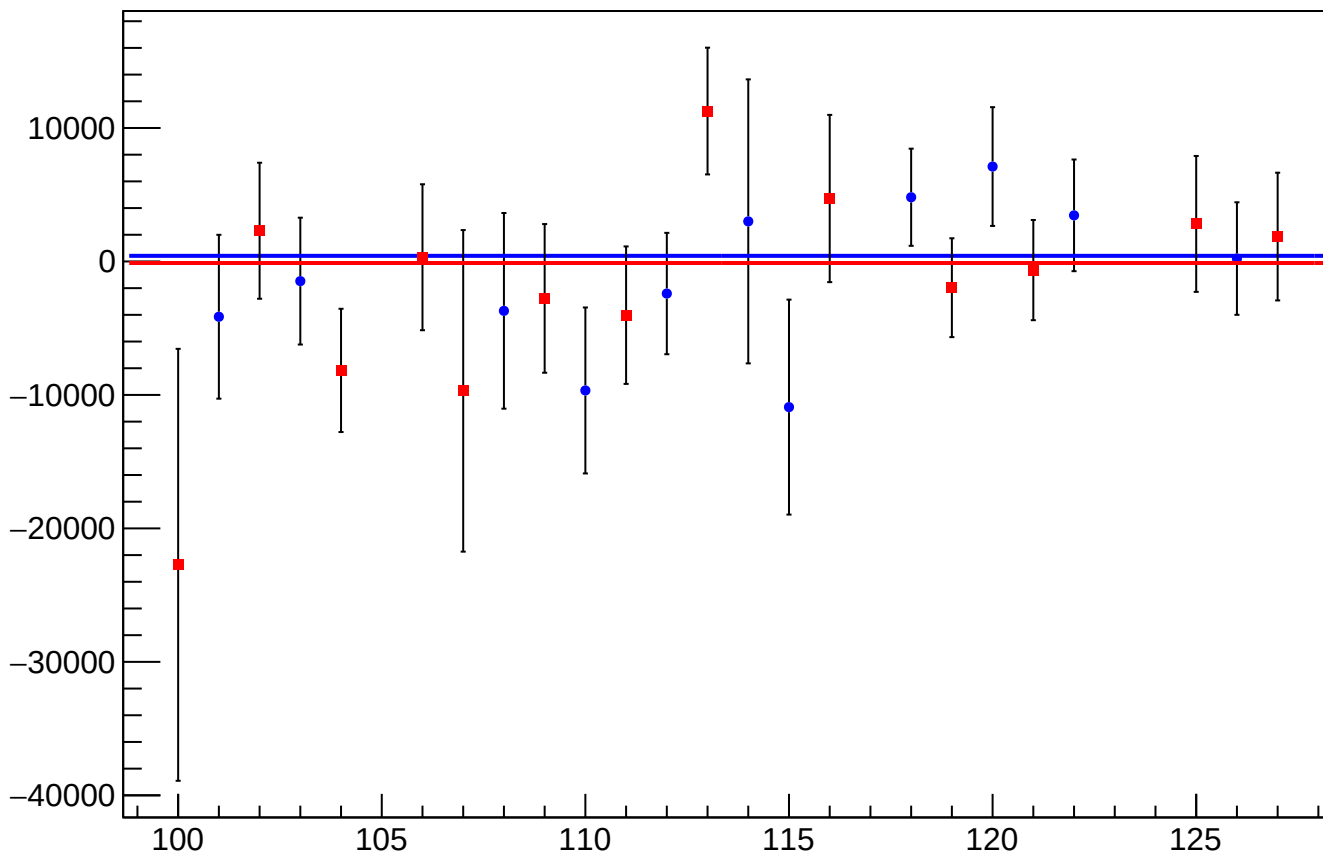
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1355.924+/-0.308 χ^2/NDF : 102472.9/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_eigen_cor_correction_mean vs Slug



Right In: 421.817 $\pm$ 1529.634 χ^2 /NDF: 10.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -115.948 $\pm$ 1420.694 χ^2 /NDF: 13.8/12

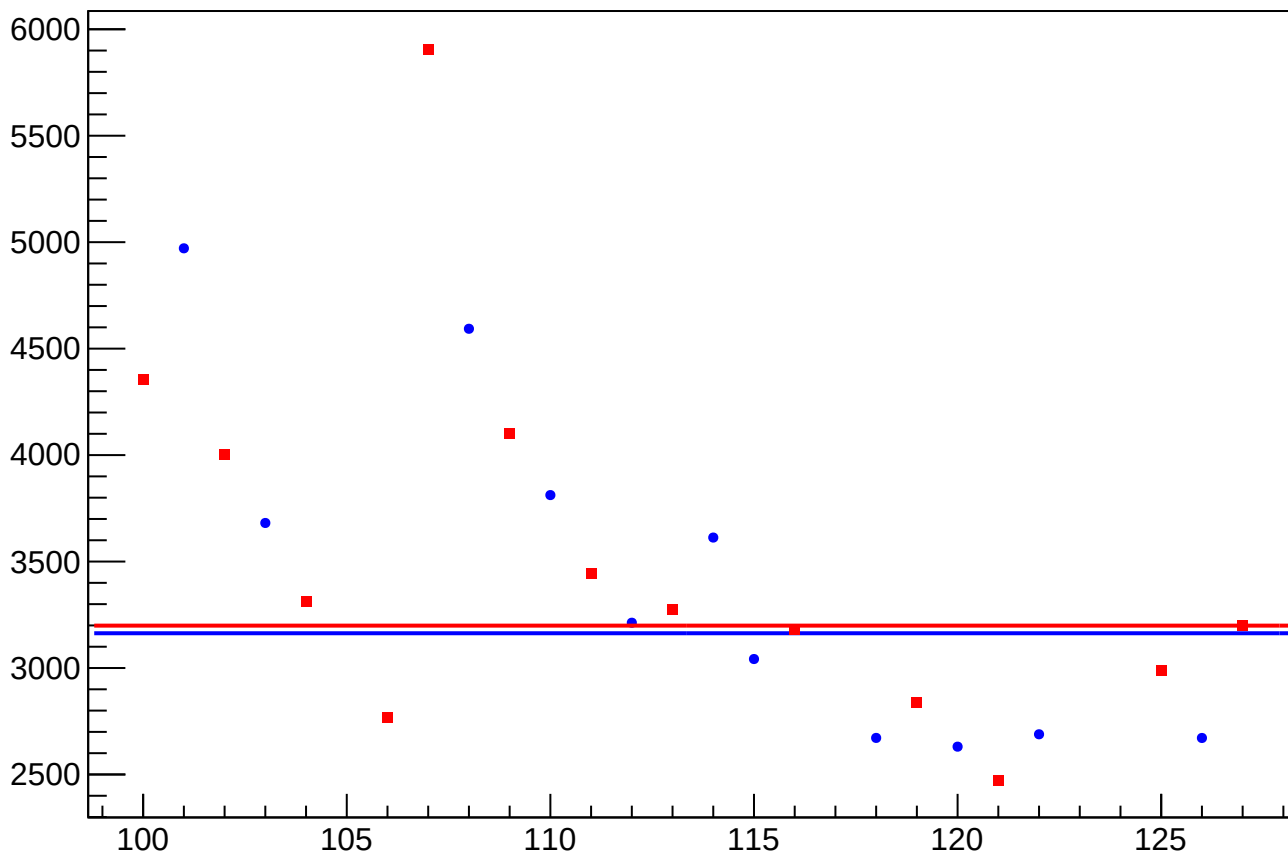
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 133.105 $\pm$ 1040.967 χ^2 /NDF: 24.2/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_eigen_cor_correction_rms vs Slug



Right In: 3163.283+/-1.082 χ^2/NDF : 417550.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3199.095+/-1.005 χ^2/NDF : 328808.3/12

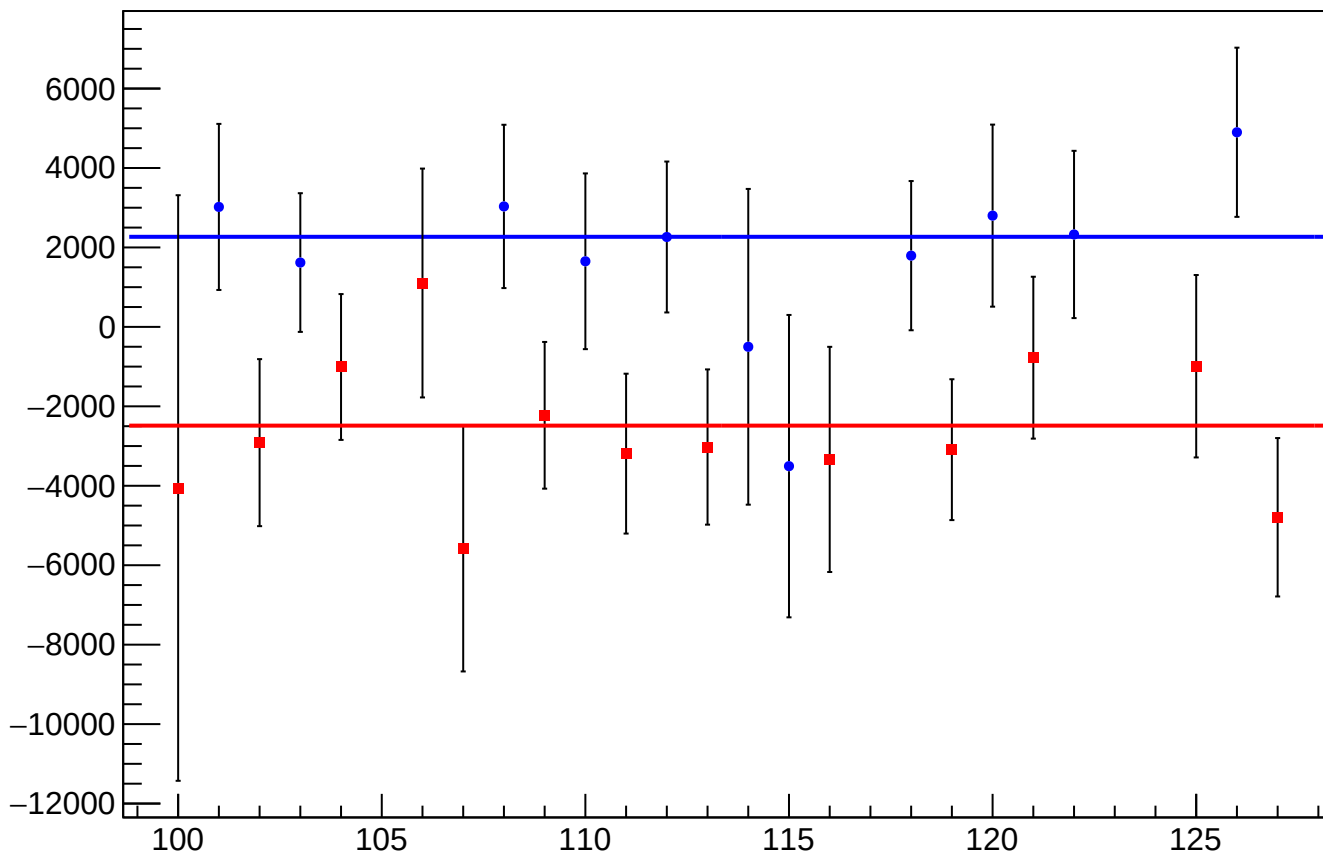
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3182.510+/-0.736 χ^2/NDF : 746947.2/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_atl2_avg_mean vs Slug



Right In: 2267.799+/-655.500 χ^2/NDF : 4.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2485.695+/-609.397 χ^2/NDF : 6.2/12

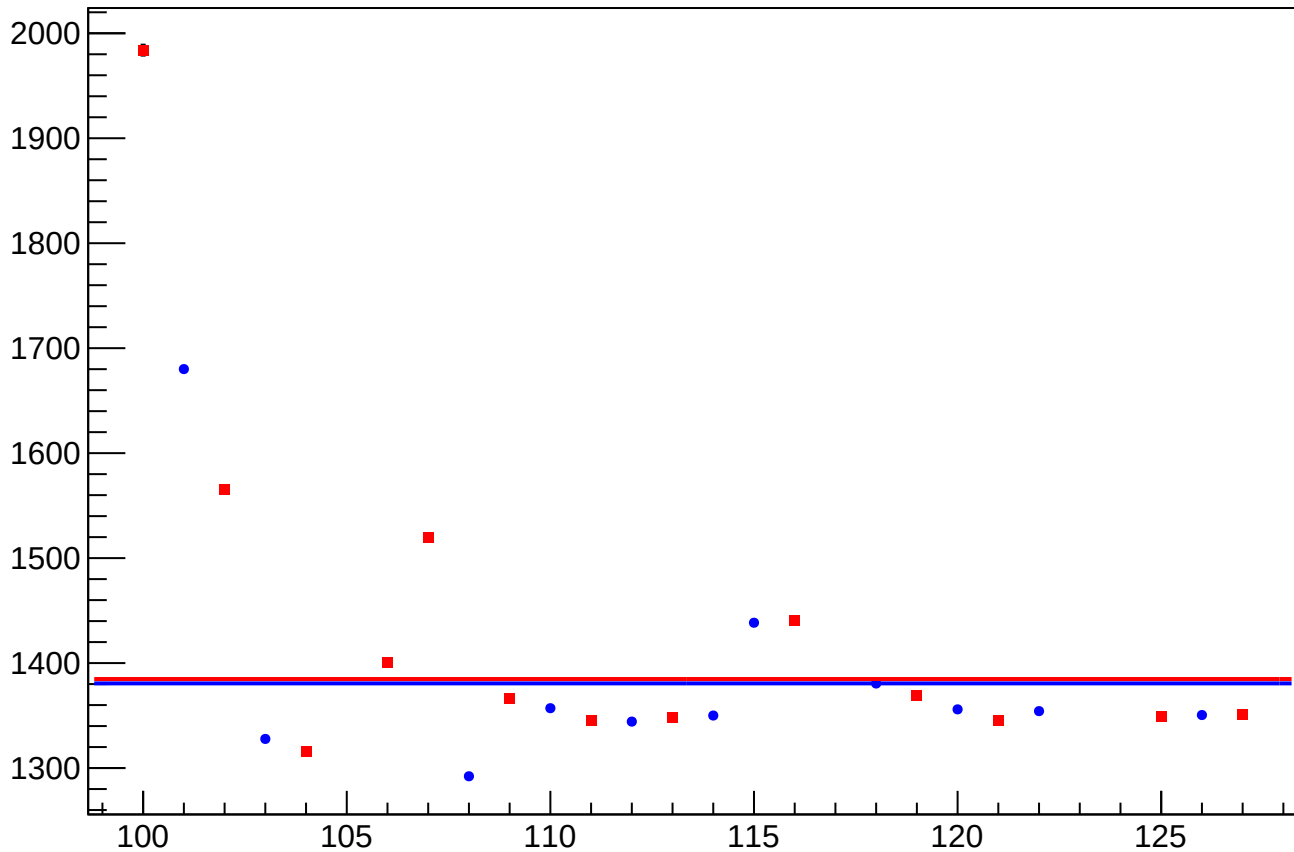
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -281.975+/-446.318 χ^2/NDF : 39.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_atl2_avg_rms vs Slug



Right In: 1380.657 $\pm$ 0.464 χ^2 /NDF: 49066.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1384.827 $\pm$ 0.429 χ^2 /NDF: 39074.2/12

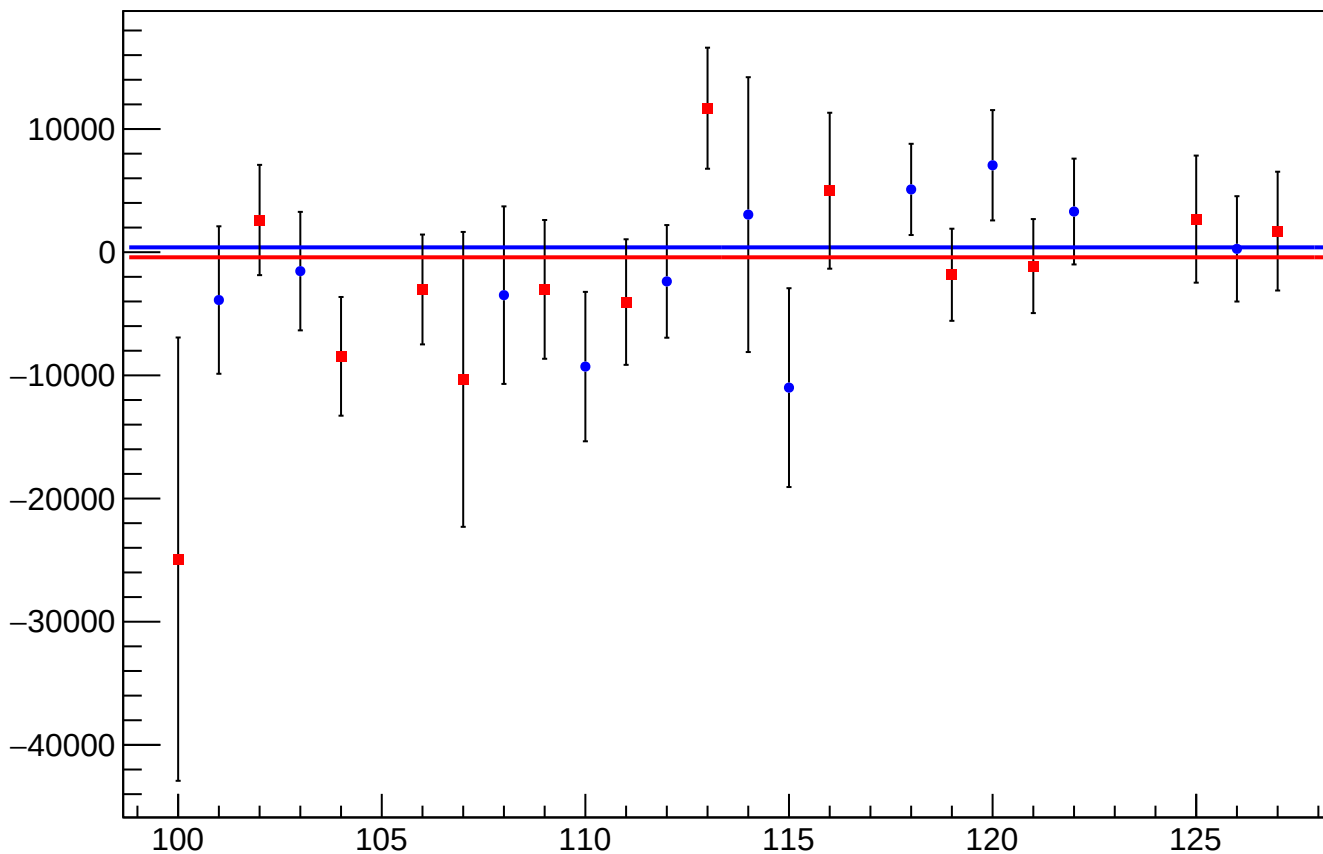
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1382.901 $\pm$ 0.315 χ^2 /NDF: 88184.7/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_dit_correction_mean vs Slug



Right In: 393.785 $\pm$ 1542.268 χ^2 /NDF: 10.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -413.715 $\pm$ 1399.703 χ^2 /NDF: 14.4/12

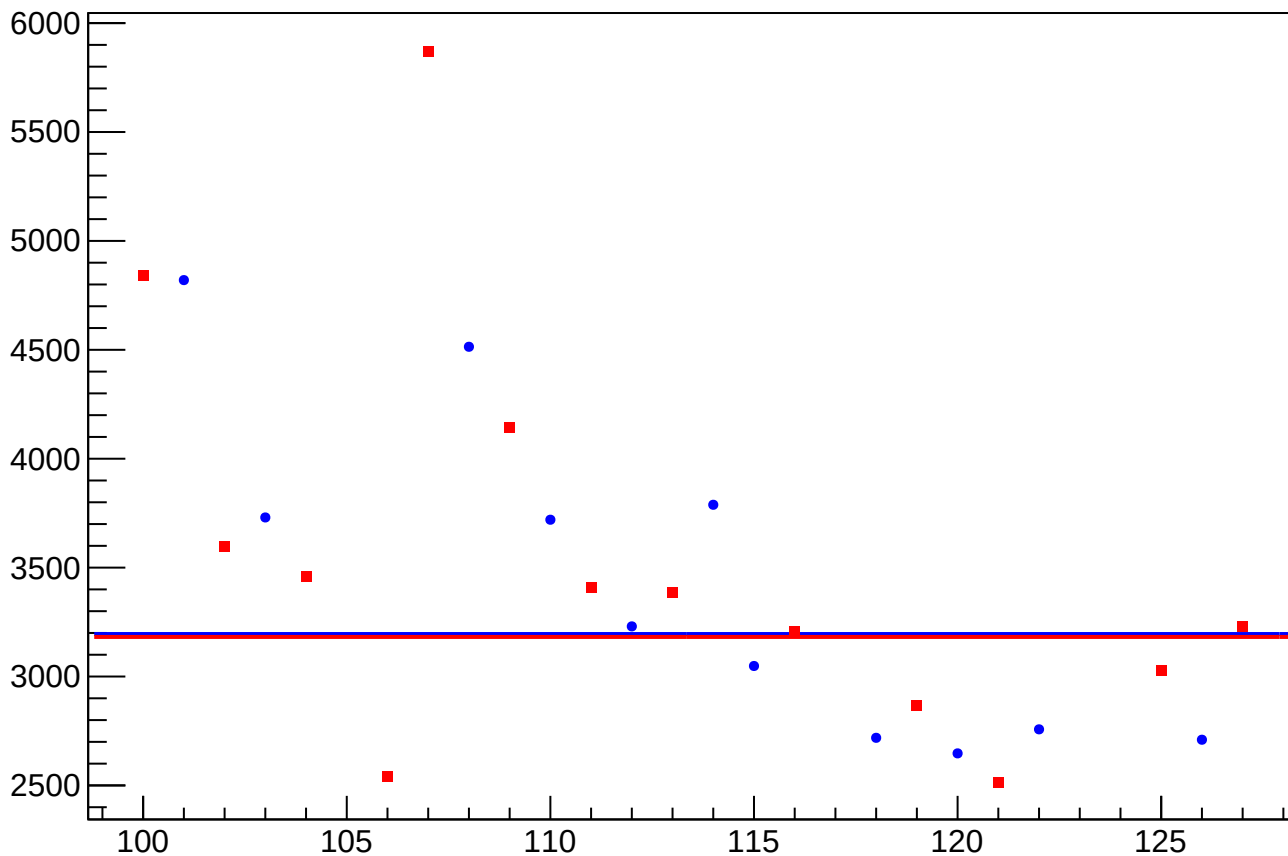
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -49.004 $\pm$ 1036.485 χ^2 /NDF: 24.7/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_dit_correction_rms vs Slug



Right In: 3195.096+/-1.091 χ^2/NDF : 370067.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3181.732+/-0.990 χ^2/NDF : 326370.5/12

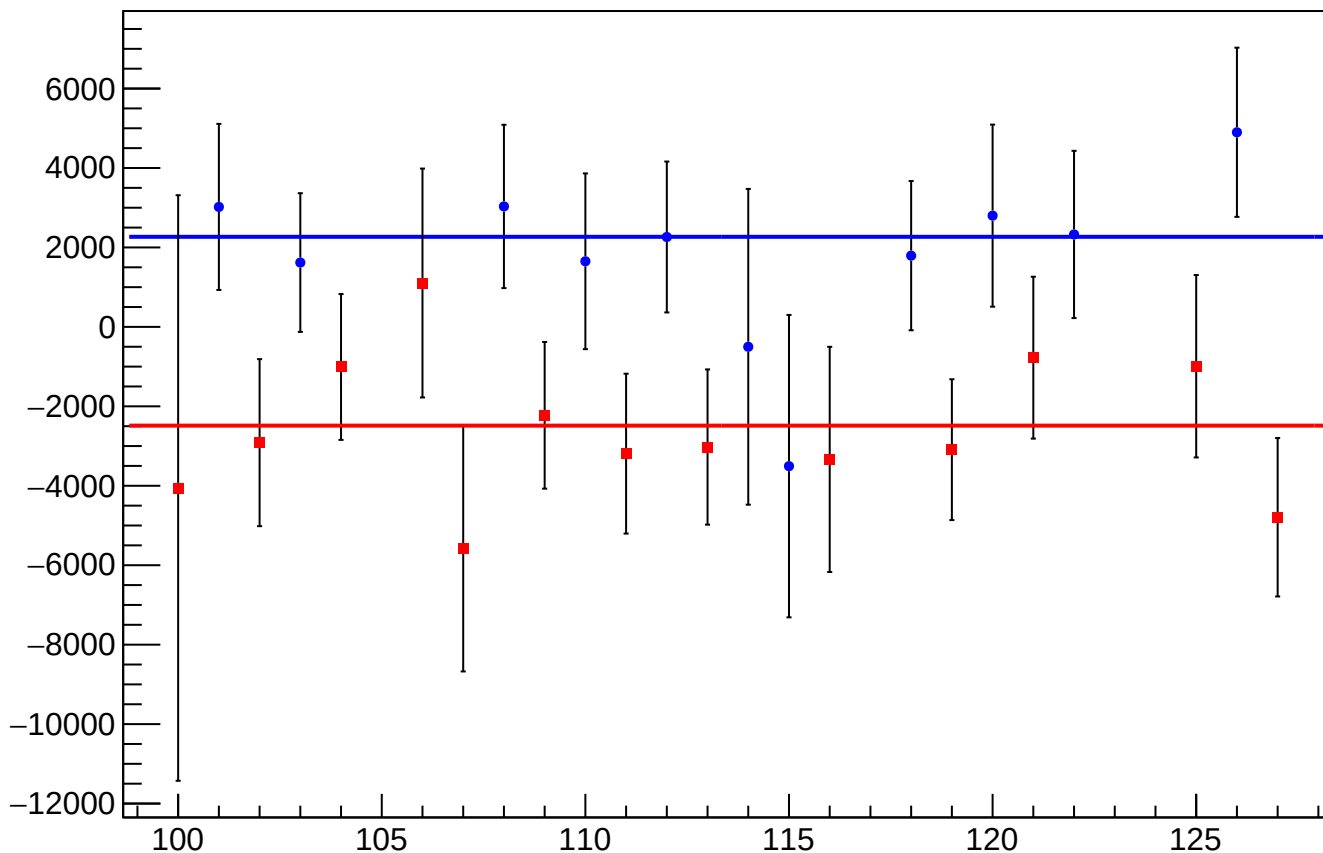
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3187.768+/-0.733 χ^2/NDF : 696520.5/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_atl2_avg_mean vs Slug



Right In: 2267.798 $\pm$ 655.500 χ^2 /NDF: 4.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2485.700 $\pm$ 609.397 χ^2 /NDF: 6.2/12

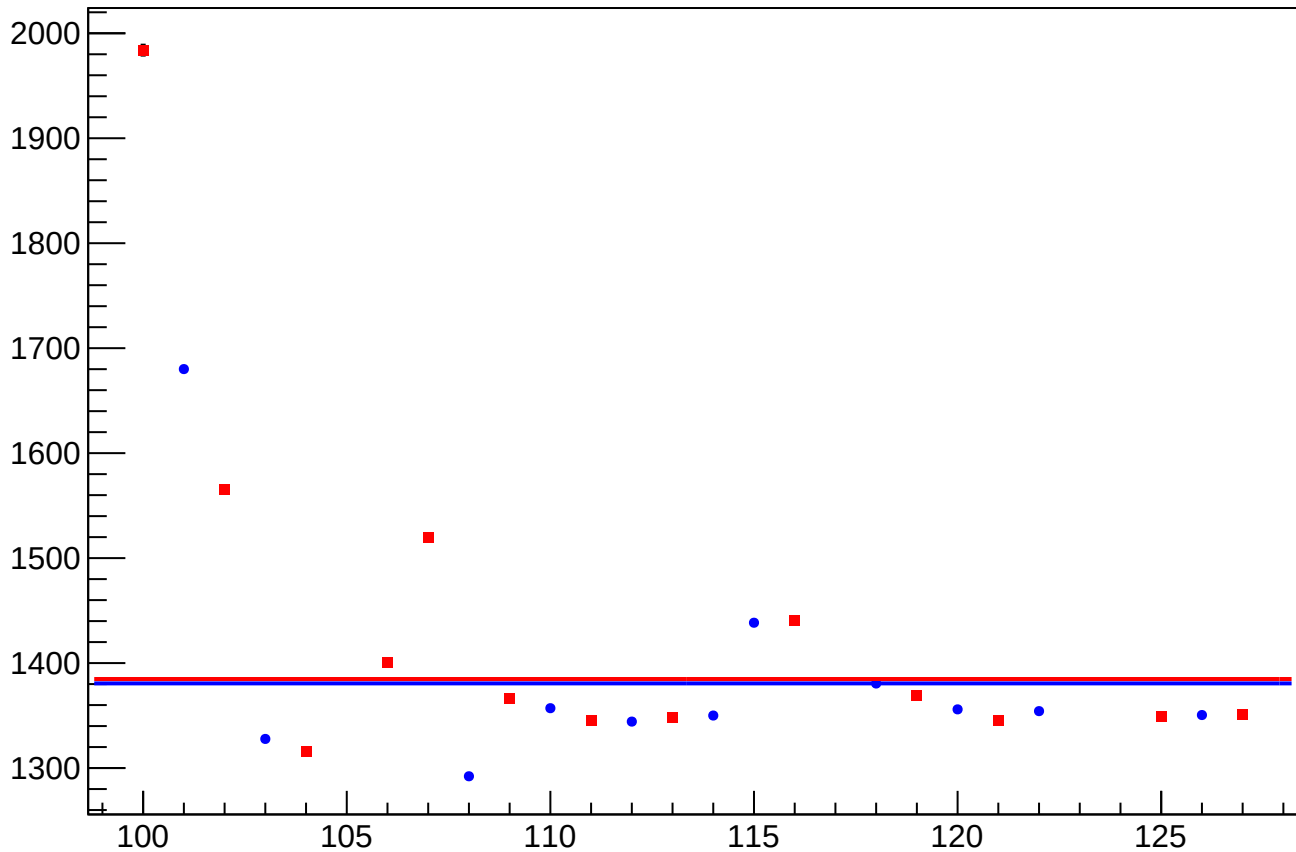
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -281.978 $\pm$ 446.318 χ^2 /NDF: 39.3/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_usl_atl2_avg_rms vs Slug



Right In: 1380.657+/-0.464 χ^2/NDF : 49066.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1384.826+/-0.429 χ^2/NDF : 39074.2/12

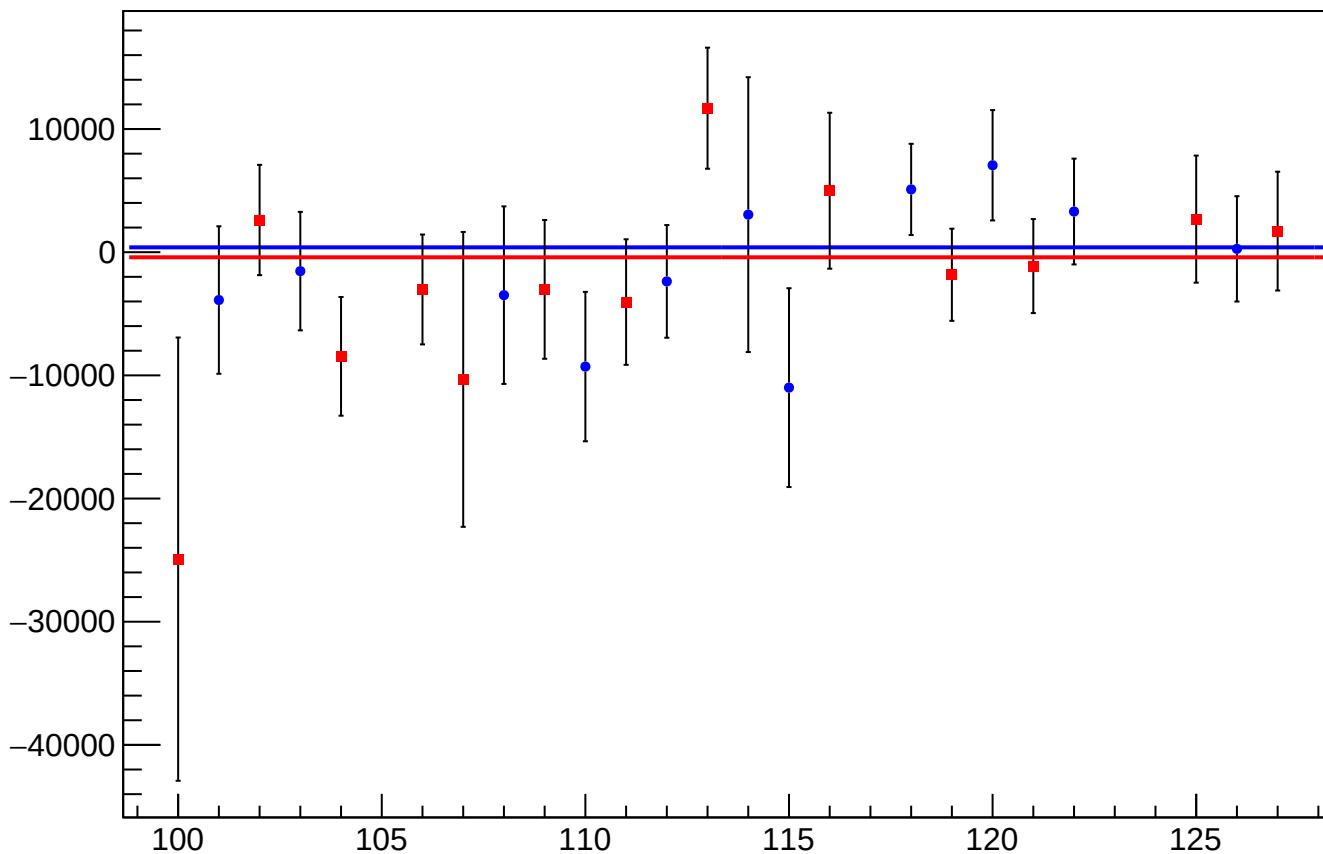
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1382.901+/-0.315 χ^2/NDF : 88184.5/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_eigen_dit_correction_mean vs Slug



Right In: 393.788+/-1542.263 χ^2/NDF : 10.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -413.718+/-1399.699 χ^2/NDF : 14.4/12

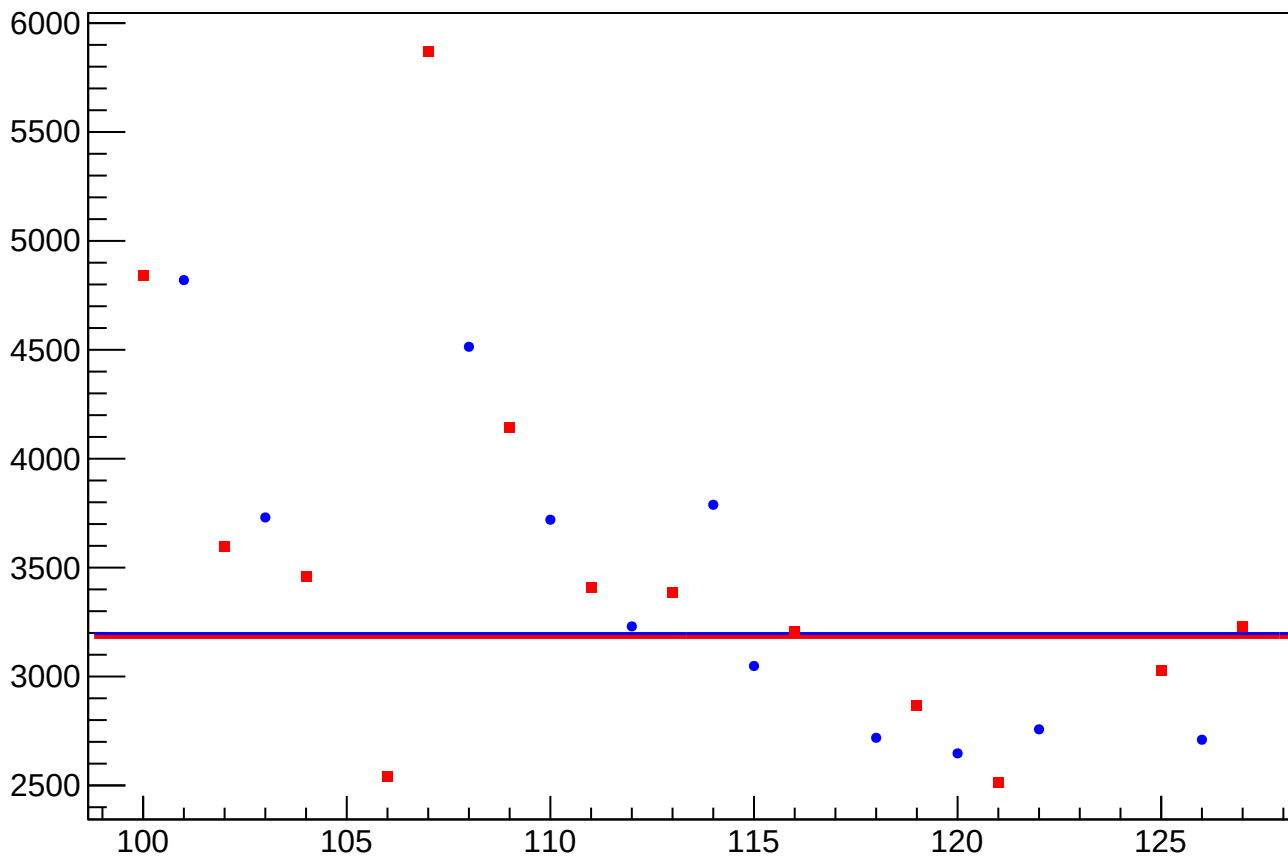
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -49.004+/-1036.482 χ^2/NDF : 24.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_eigen_dit_correction_rms vs Slug



Right In: 3195.084+/-1.091 χ^2/NDF : 370071.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3181.723+/-0.990 χ^2/NDF : 326371.9/12

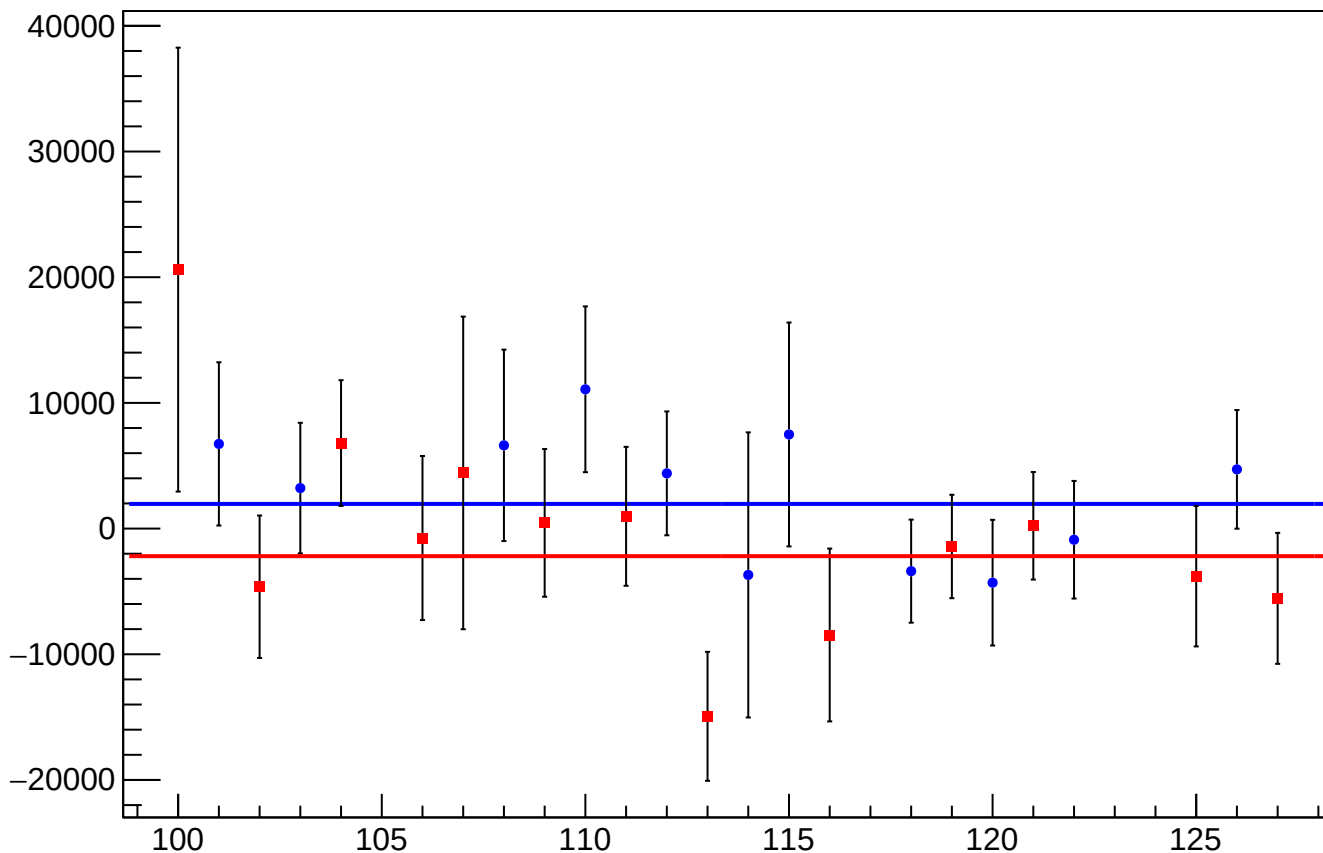
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3187.757+/-0.733 χ^2/NDF : 696525.9/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_mean vs Slug



Right In: 1962.223+/-1684.136 χ^2/NDF : 7.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

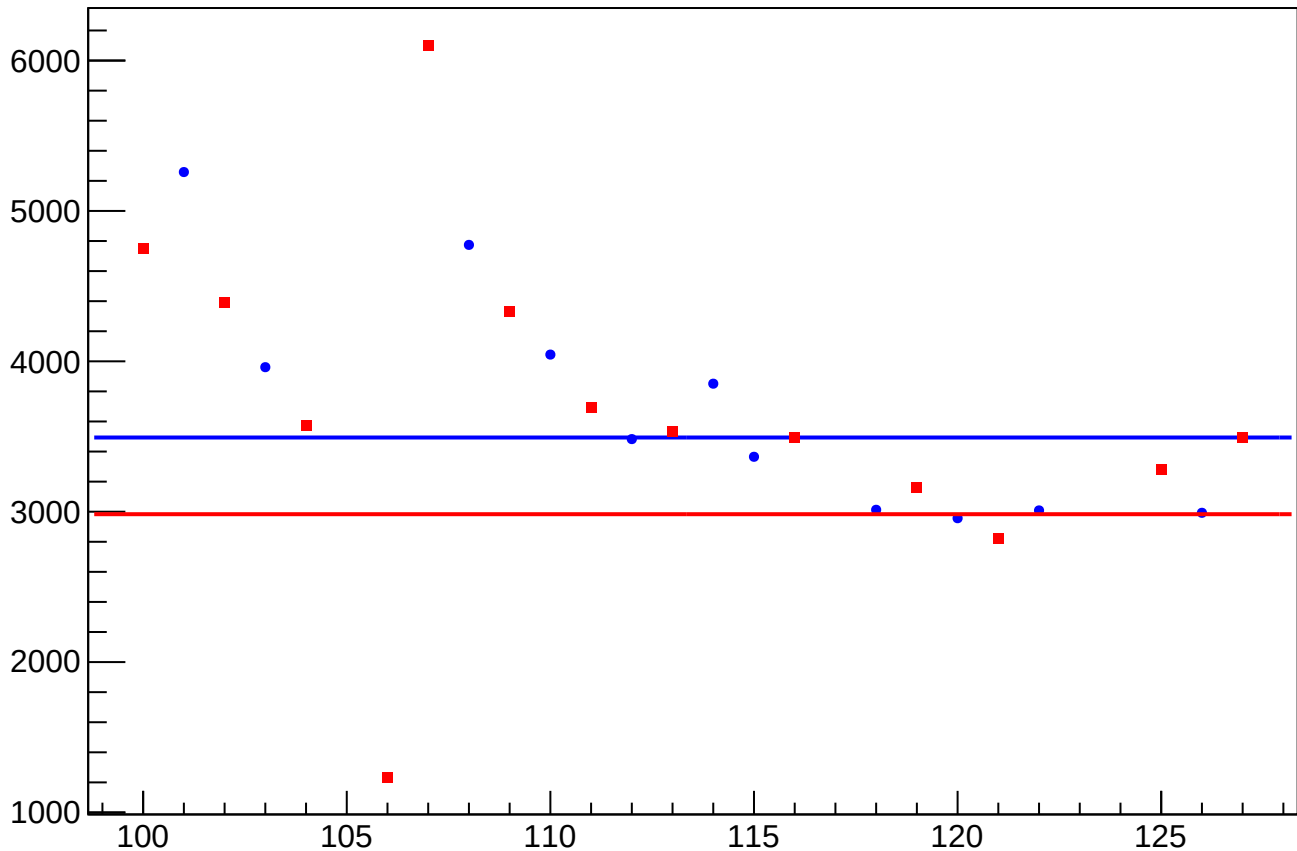
Right Out: -2195.134+/-1566.147 χ^2/NDF : 13.8/12

All: -267.174+/-1146.879 χ^2/NDF : 24.8/23

- 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_atl2_avg_rms vs Slug



Right In: 3493.401+/-1.191 χ^2/NDF : 331408.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2983.413+/-0.992 χ^2/NDF : 1259418.4/12

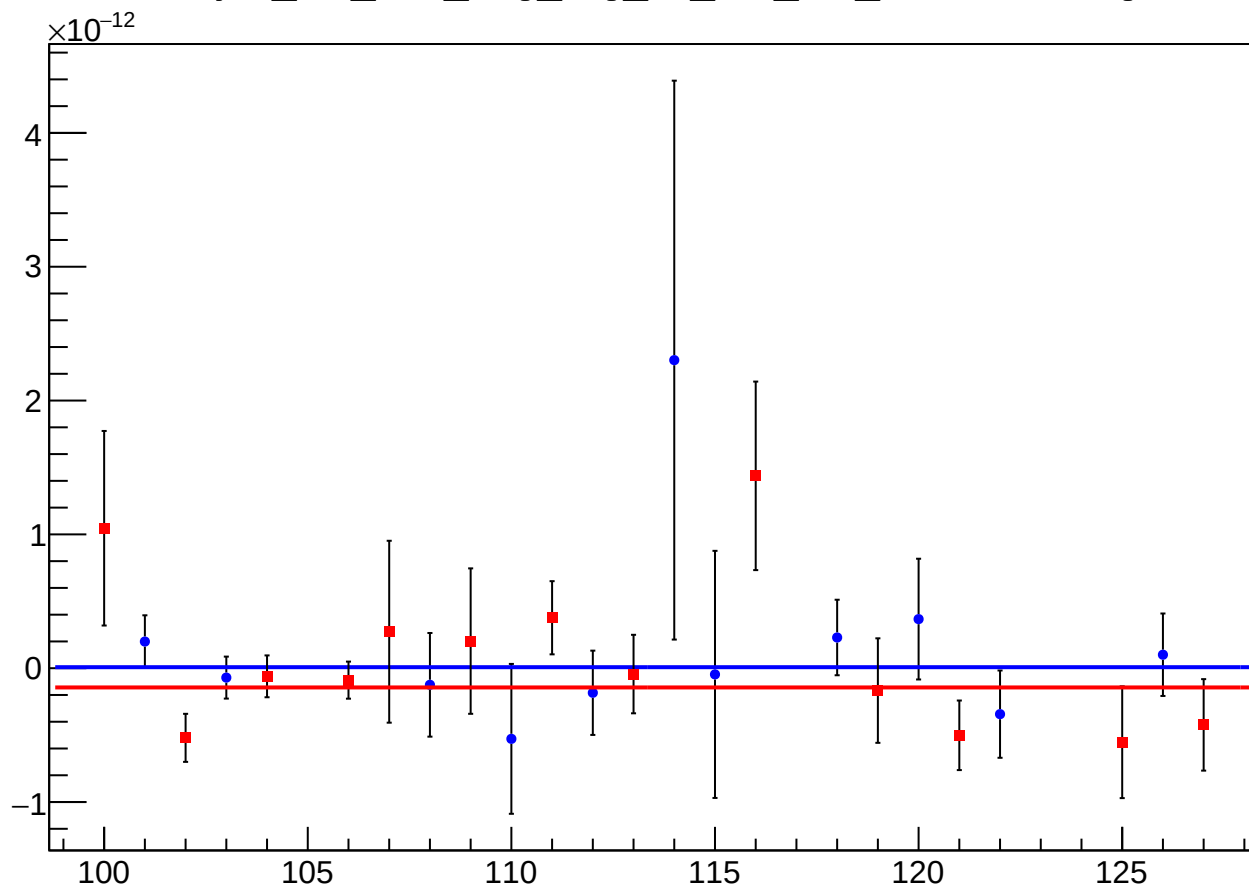
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3192.318+/-0.762 χ^2/NDF : 1699101.2/23

- 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 : 6.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 20.6/12

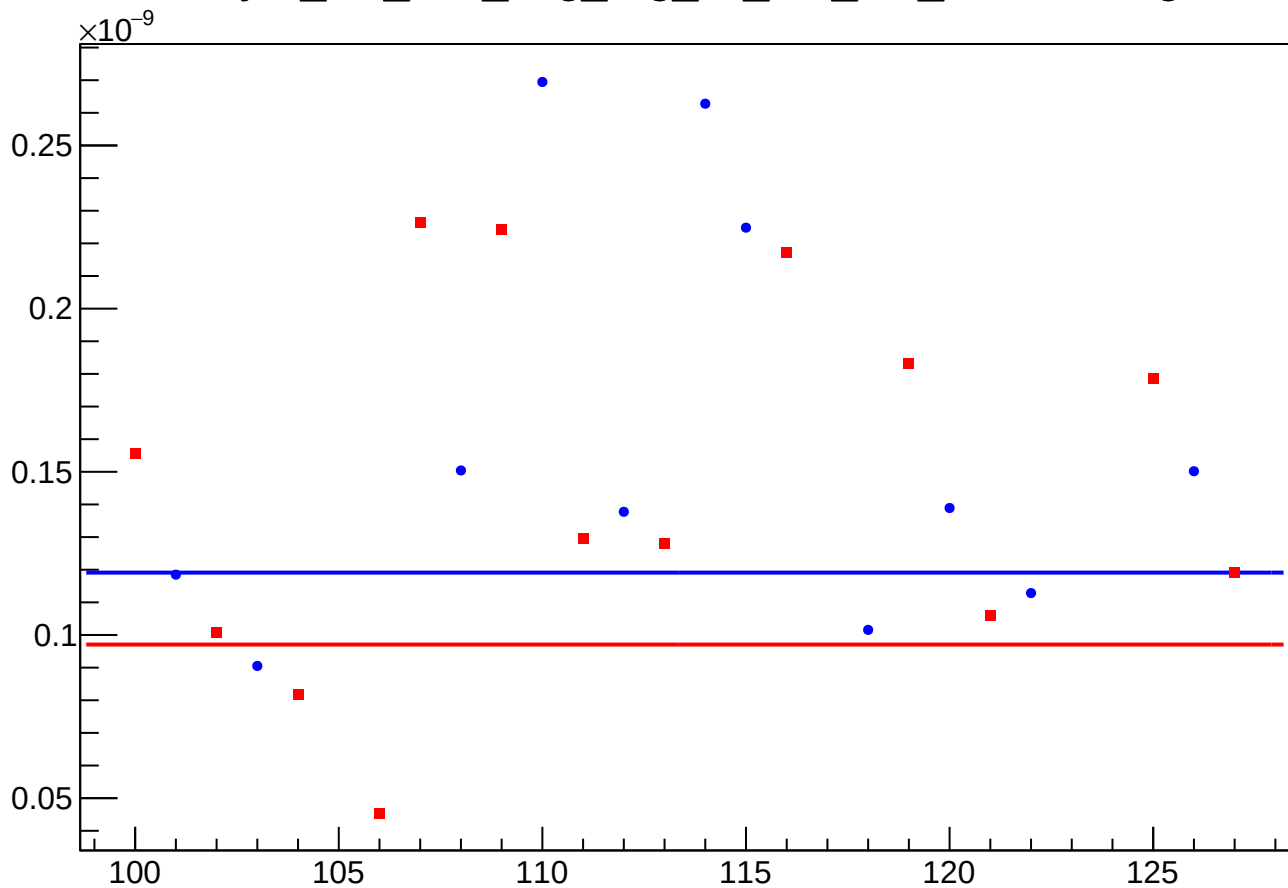
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.7/23

- 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 : 299031.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 787673.6/12

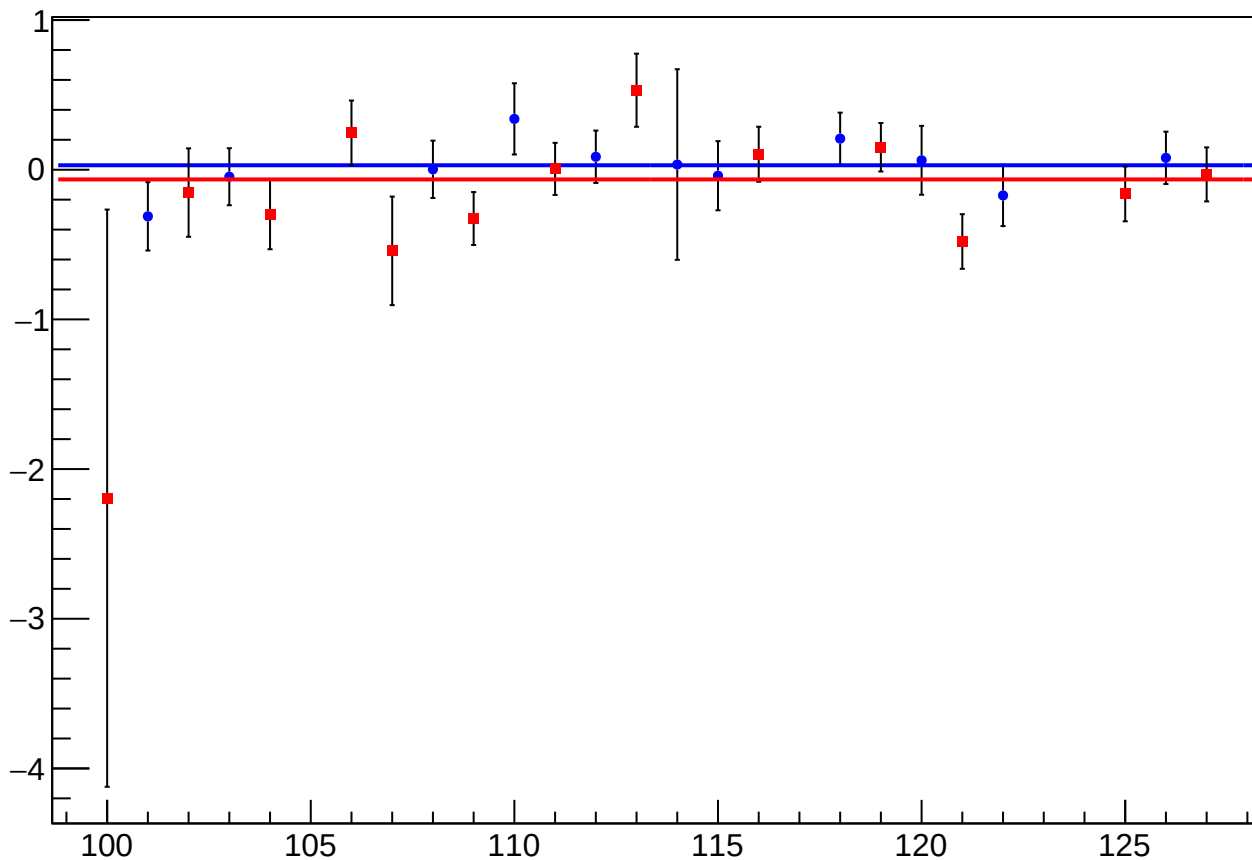
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1160756.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.030+/-0.063 χ^2/NDF : 6.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.065+/-0.058 χ^2/NDF : 22.5/12

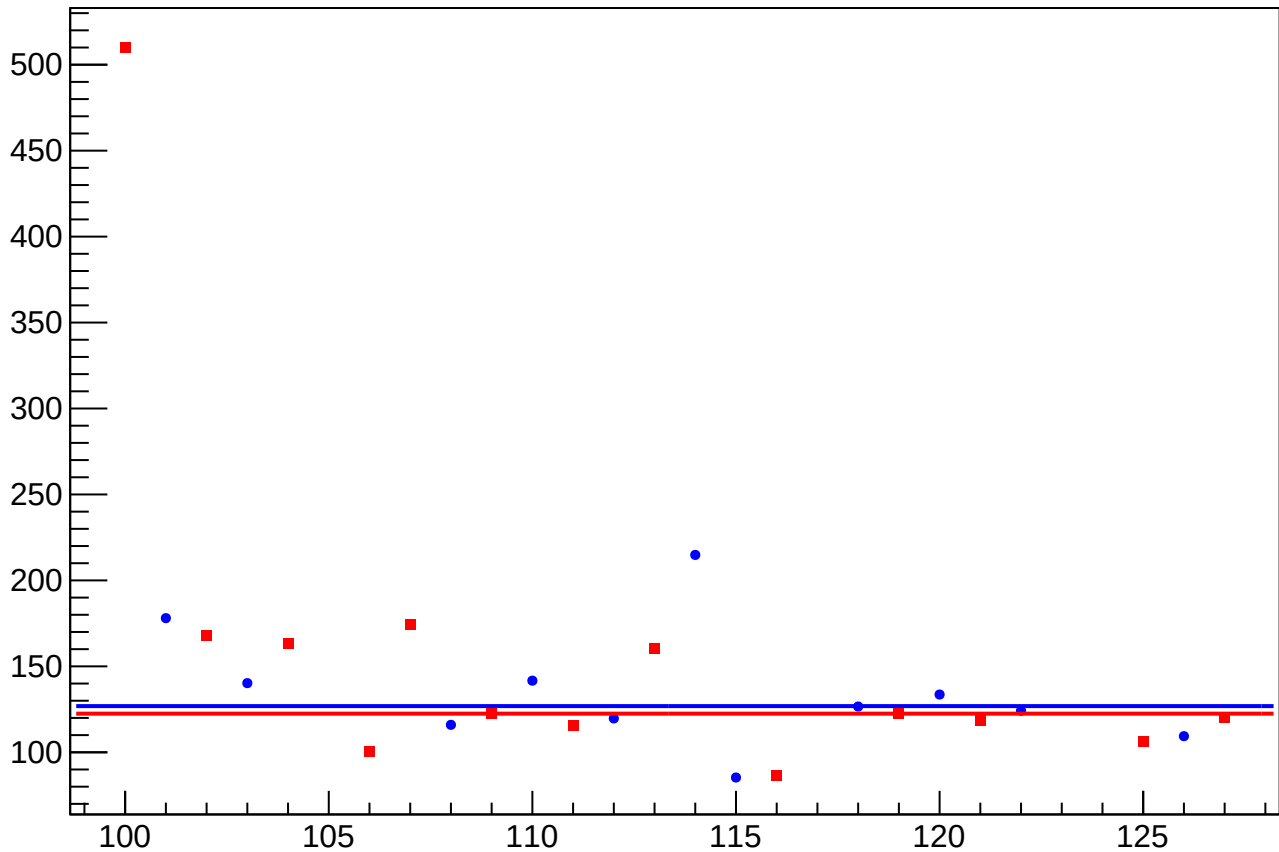
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.021+/-0.043 χ^2/NDF : 30.2/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_dit_vs_cor_diff_rms vs Slug



Right In: 126.879+/-0.044 χ^2/NDF : 252778.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.487+/-0.041 χ^2/NDF : 394525.0/12

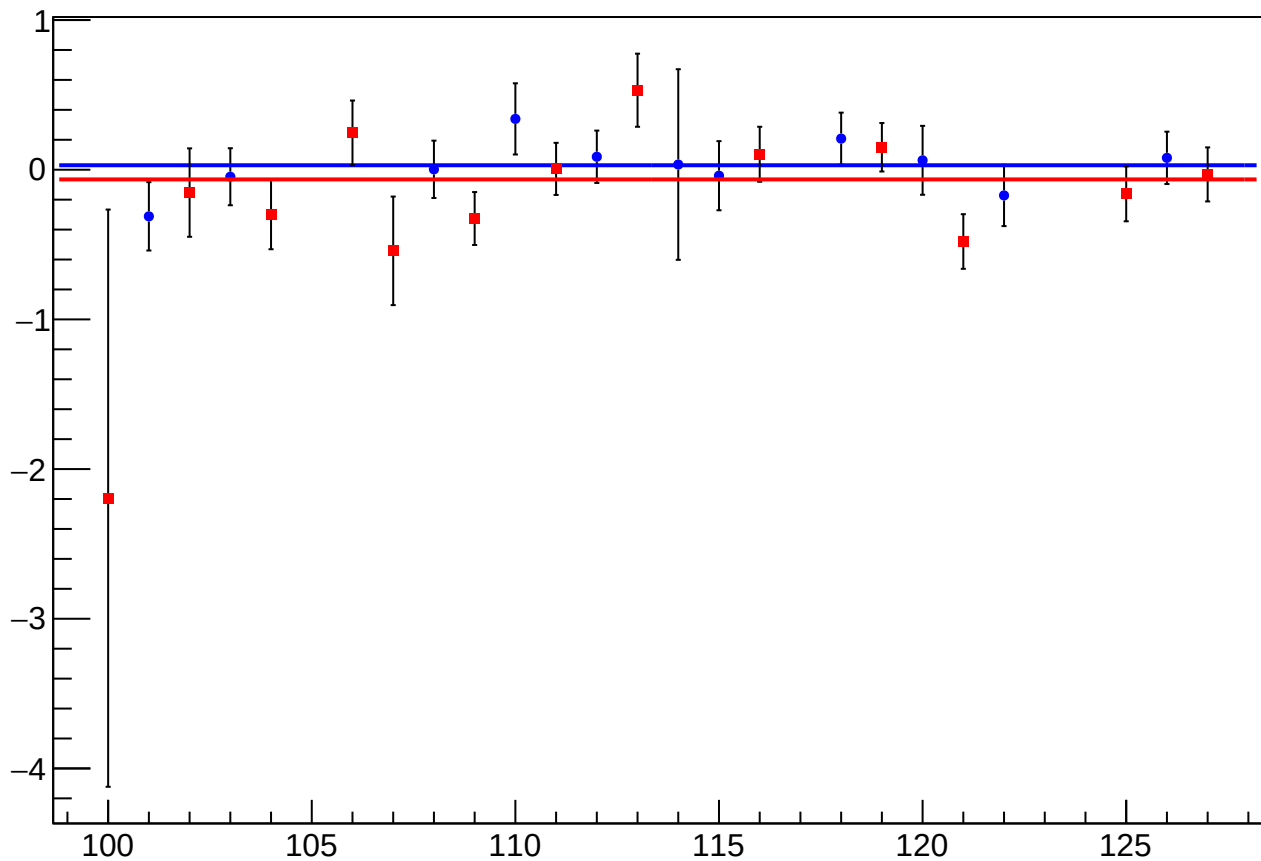
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.504+/-0.030 χ^2/NDF : 652607.1/23

- 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: 0.030 $\pm$ 0.063 χ^2 /NDF: 6.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.065 $\pm$ 0.058 χ^2 /NDF: 22.5/12

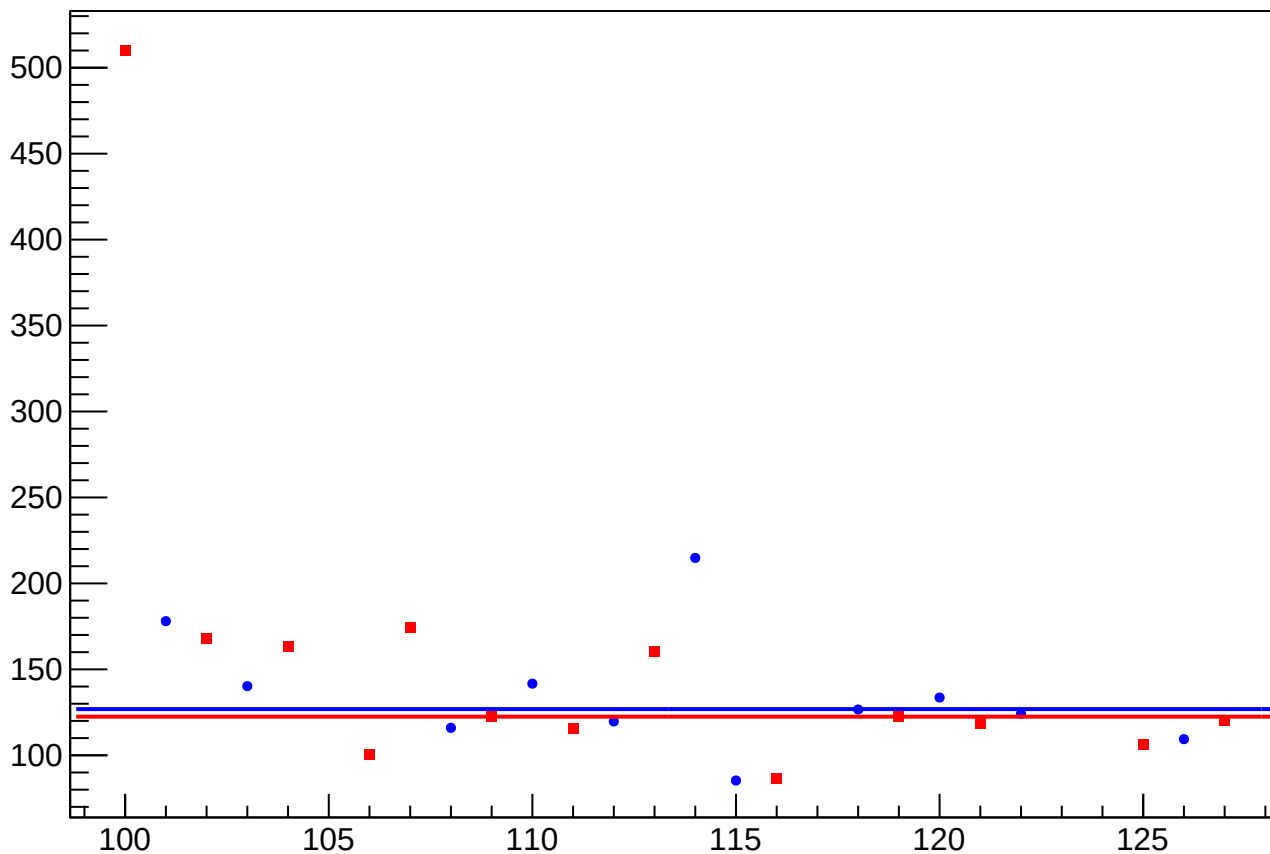
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.021 $\pm$ 0.043 χ^2 /NDF: 30.2/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 126.879+/-0.044 χ^2/NDF : 252778.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.487+/-0.041 χ^2/NDF : 394525.0/12

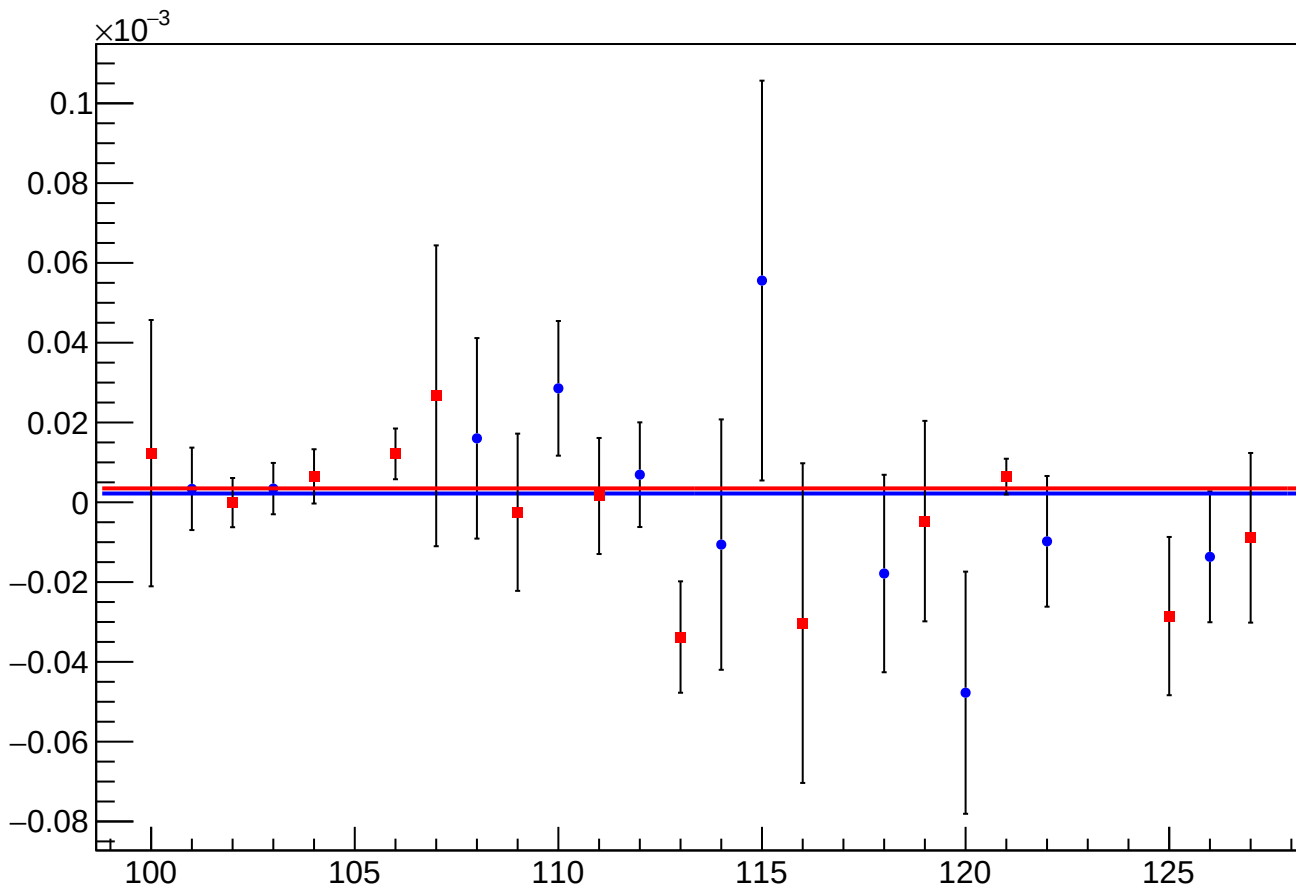
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.504+/-0.030 χ^2/NDF : 652607.1/23

- sign 0.000+/-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: 9.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.3/12

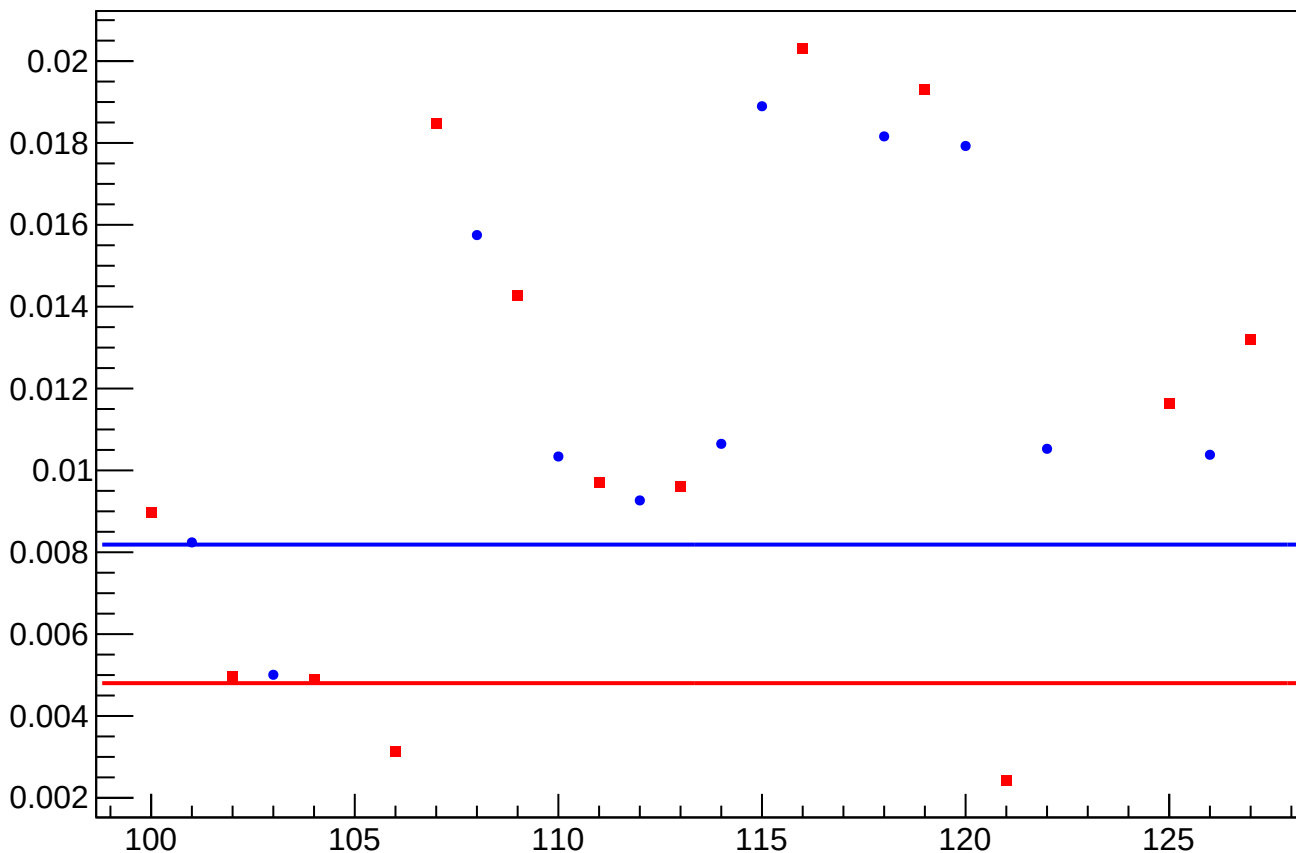
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.4/23

- 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 : 1426885.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 3445097.5/12

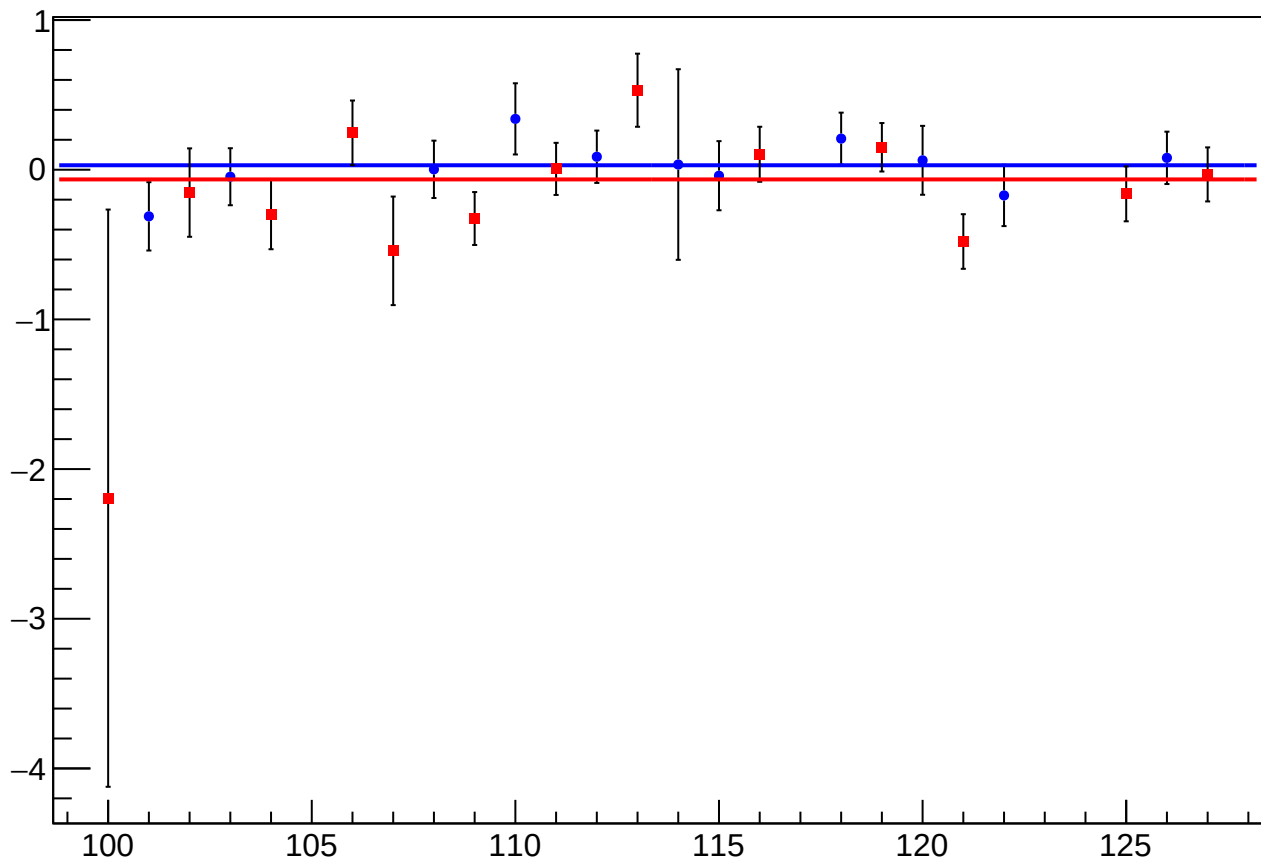
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 5795547.8/23

- 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: 0.030 $\pm$ 0.063 χ^2 /NDF: 6.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.065 $\pm$ 0.058 χ^2 /NDF: 22.5/12

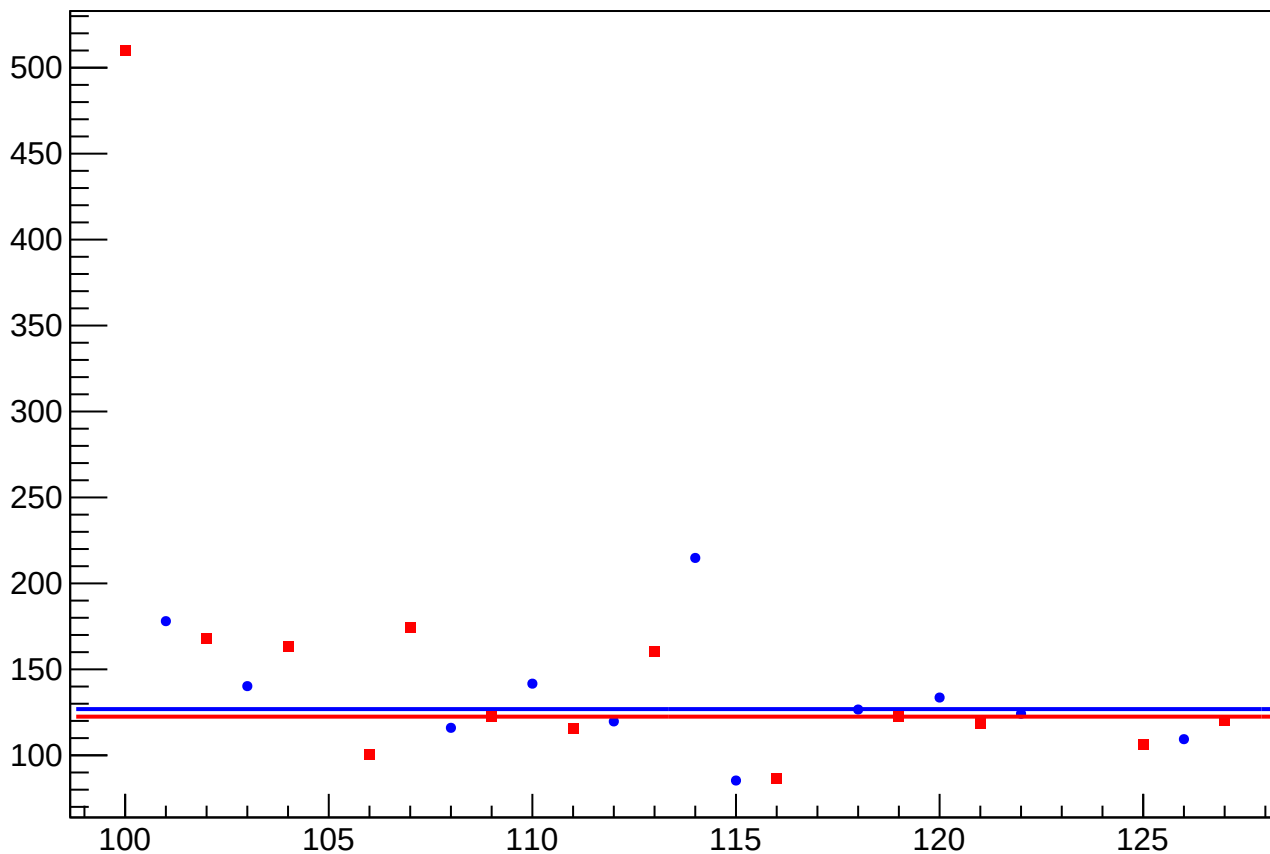
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.021 $\pm$ 0.043 χ^2 /NDF: 30.2/23

- 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: 126.880+/-0.044 χ^2/NDF : 252767.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.487+/-0.041 χ^2/NDF : 394503.3/12

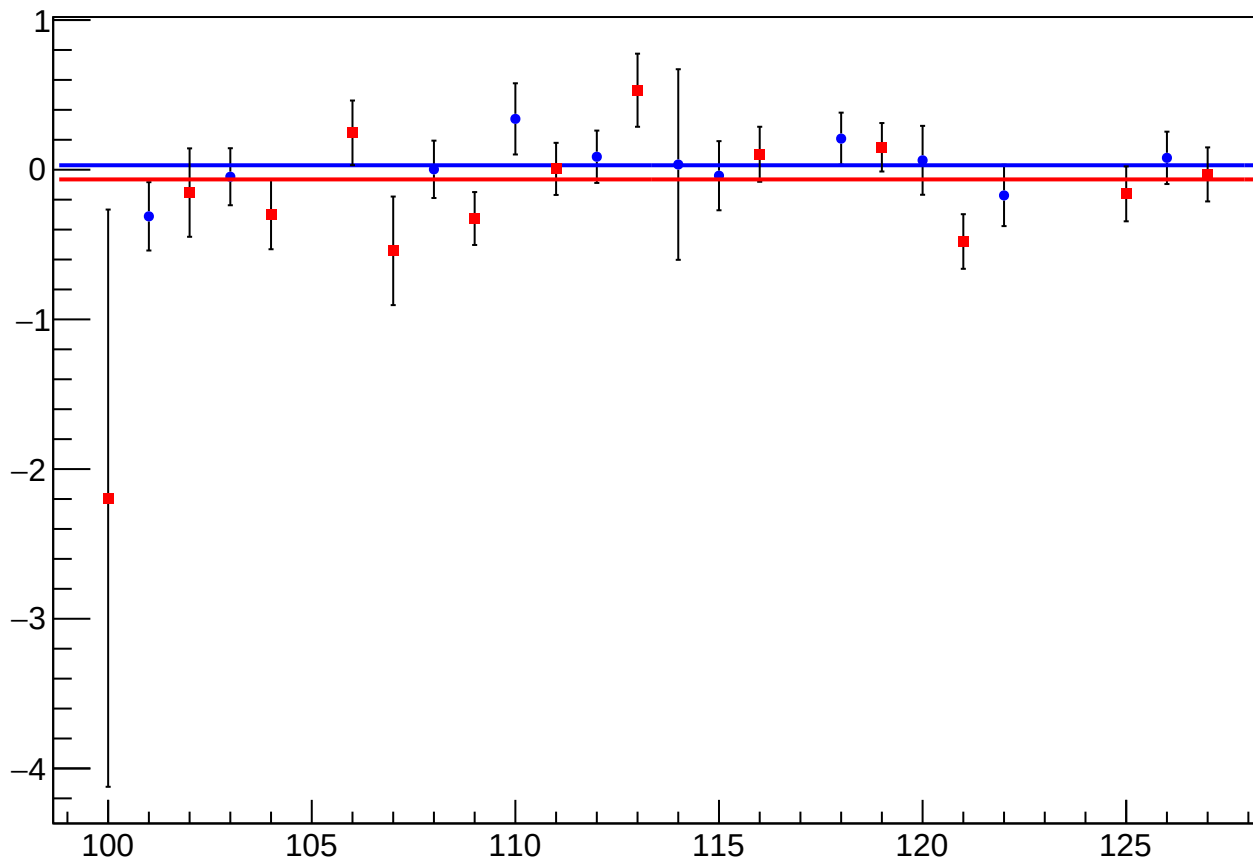
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.505+/-0.030 χ^2/NDF : 652572.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.030+/-0.063 χ^2/NDF : 6.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.065+/-0.058 χ^2/NDF : 22.5/12

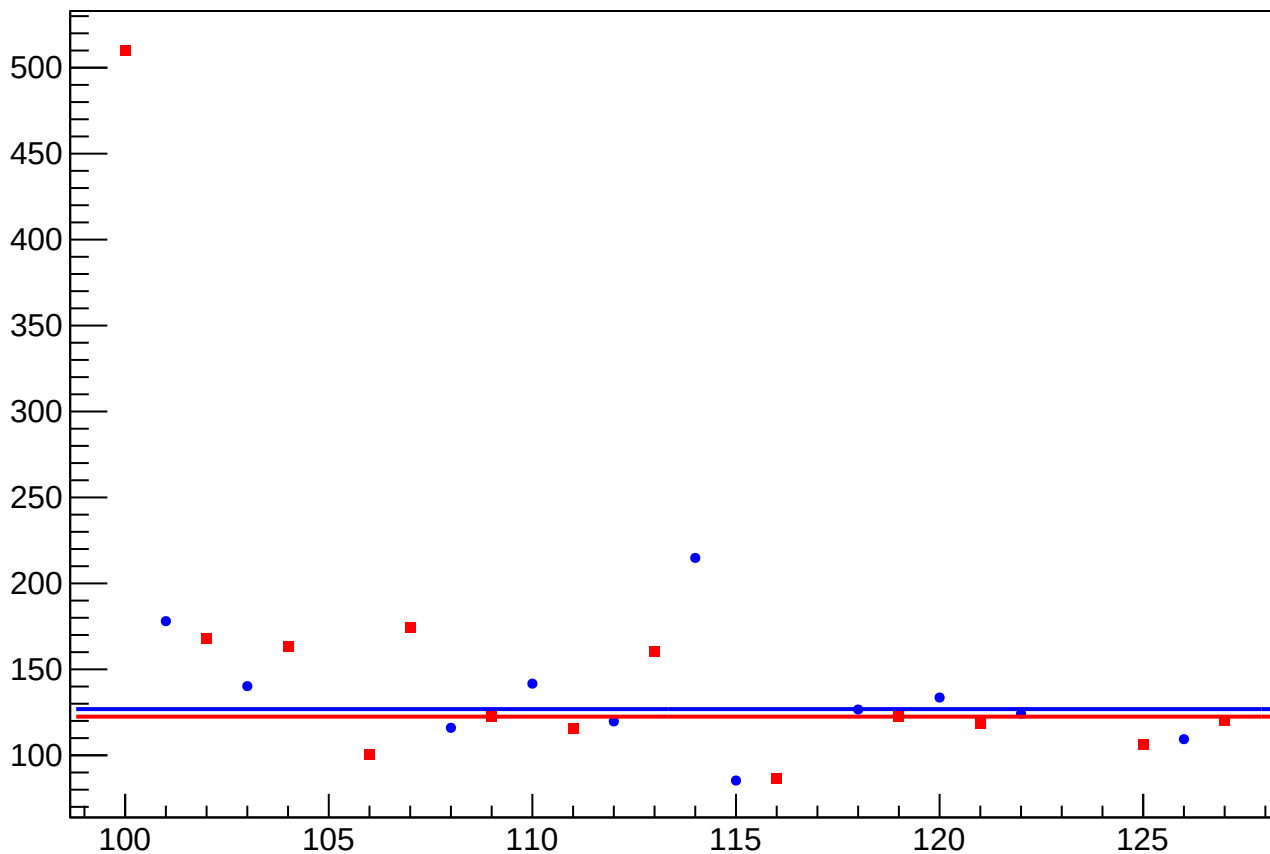
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.021+/-0.043 χ^2/NDF : 30.2/23

- 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: 126.880 $\pm$ 0.044 χ^2 /NDF: 252767.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 122.487 $\pm$ 0.041 χ^2 /NDF: 394503.3/12

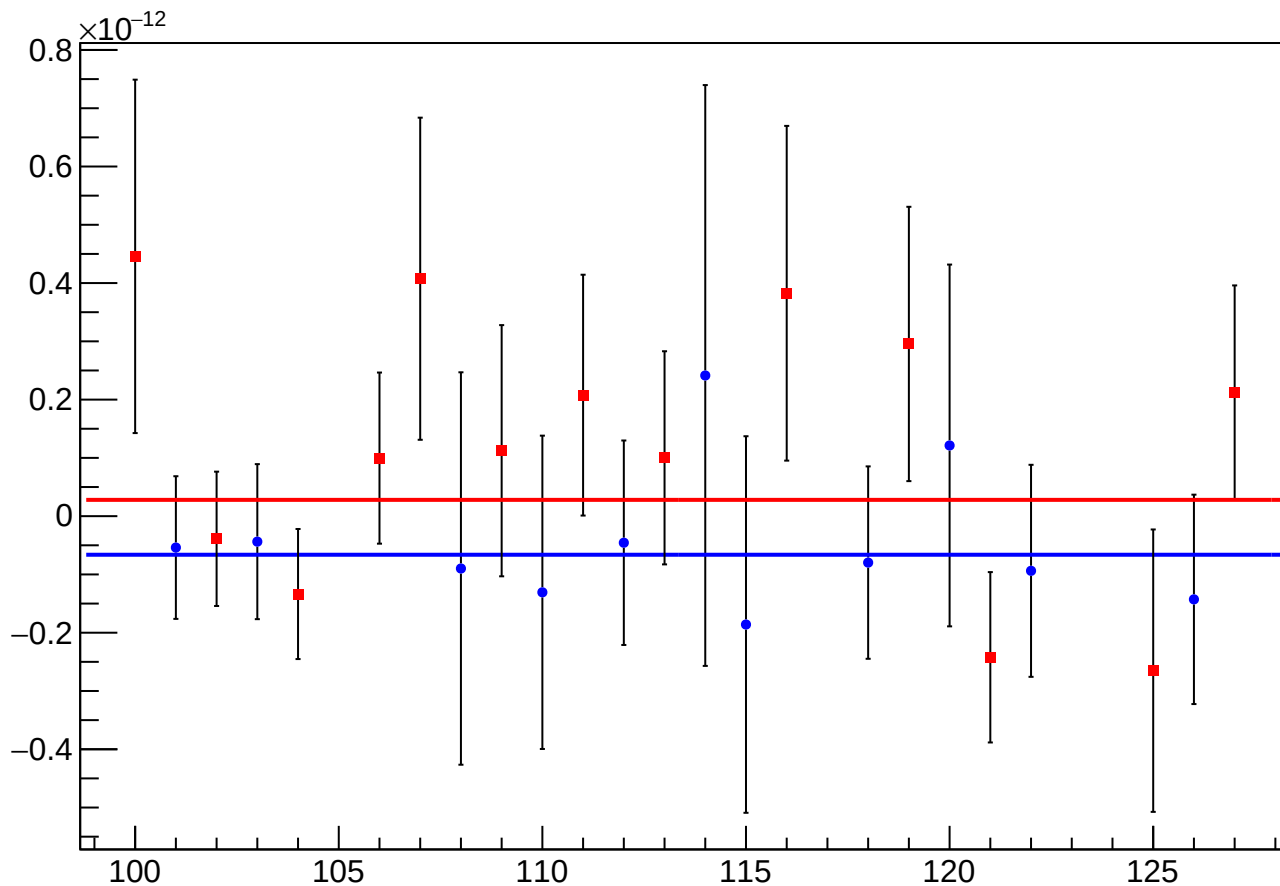
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 124.505 $\pm$ 0.030 χ^2 /NDF: 652572.8/23

- sign 0.000 $\pm$ 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 : 1.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.2/12

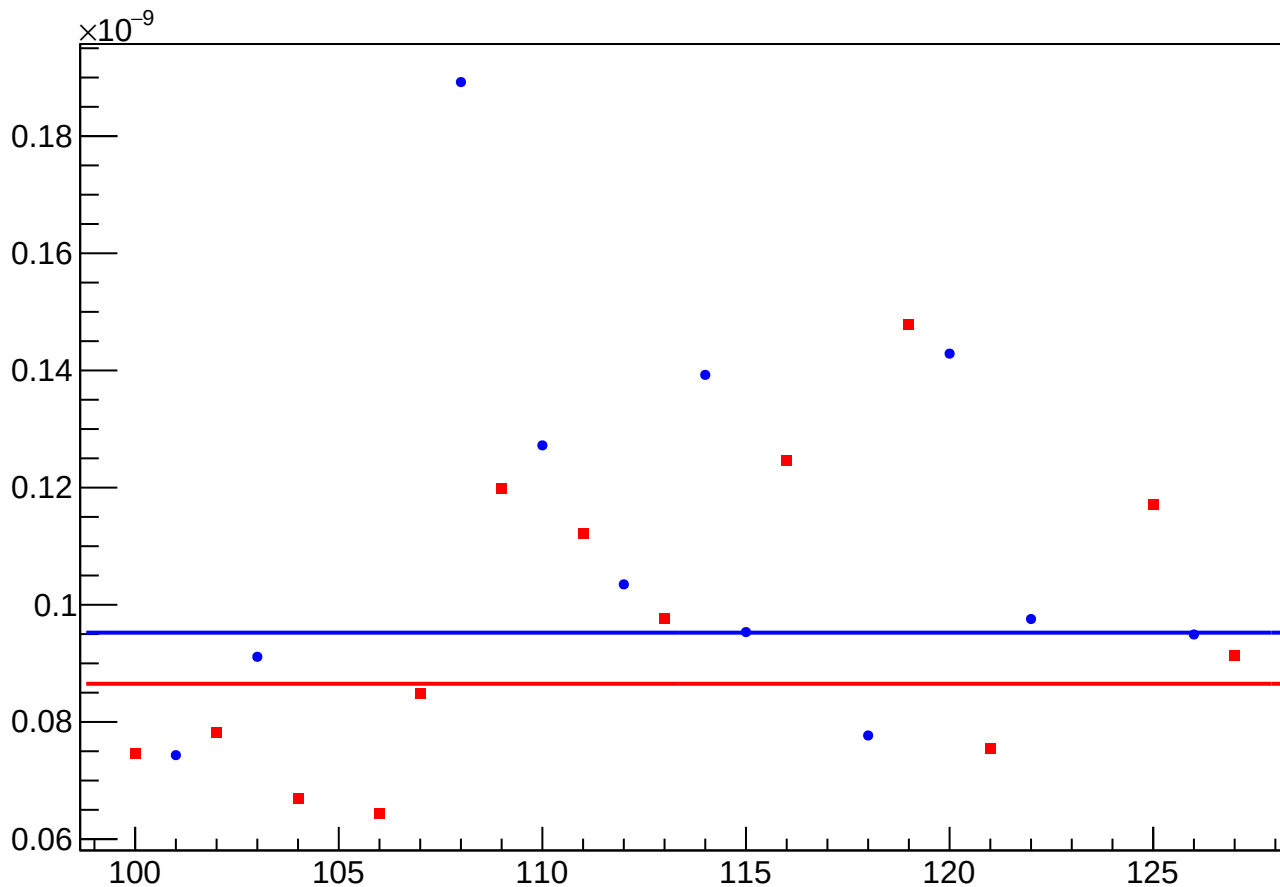
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.0/23

- 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 : 334422.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 422396.9/12

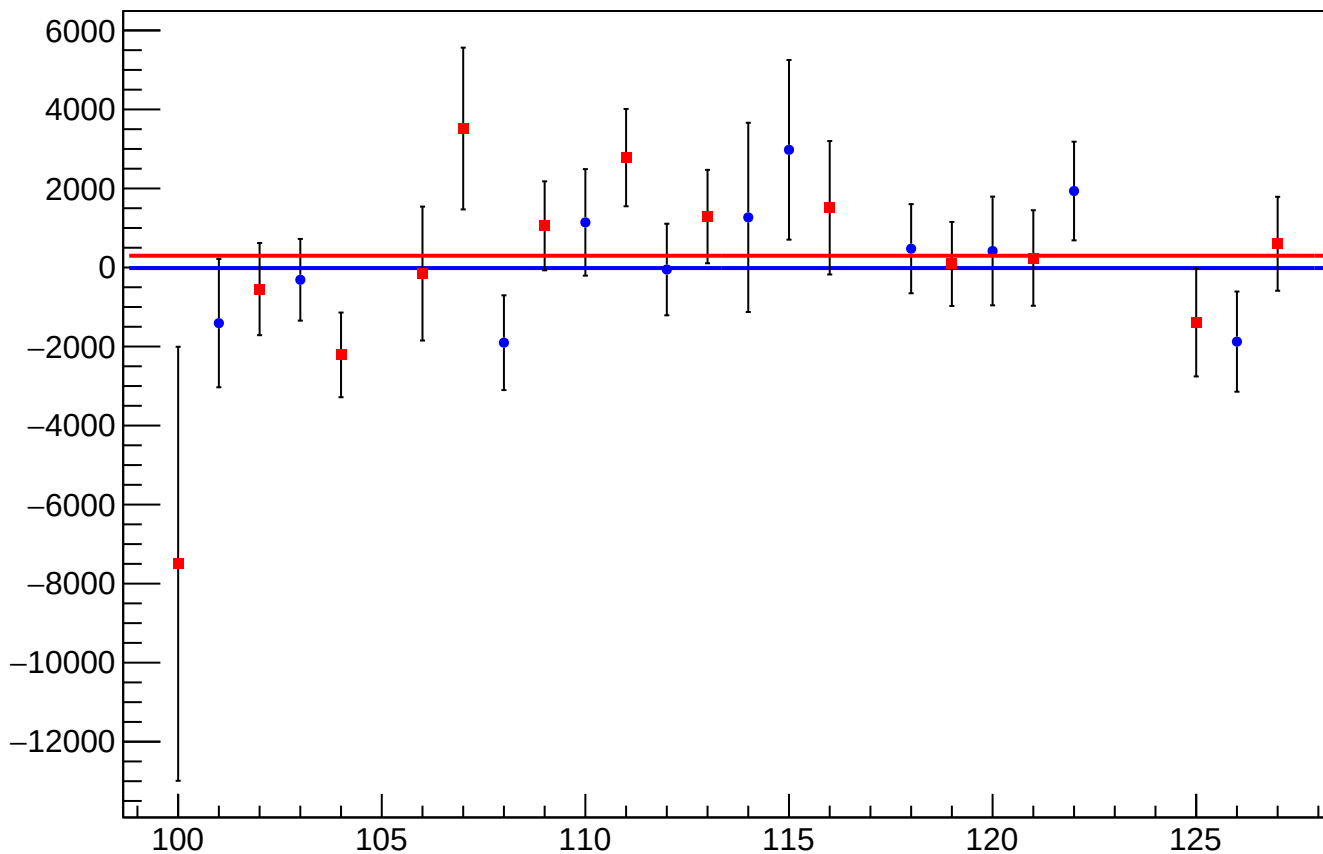
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 783588.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_dd_mean vs Slug



Right In: -14.407 $\pm$ 399.930 χ^2 /NDF: 10.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 297.584 $\pm$ 363.807 χ^2 /NDF: 18.0/12

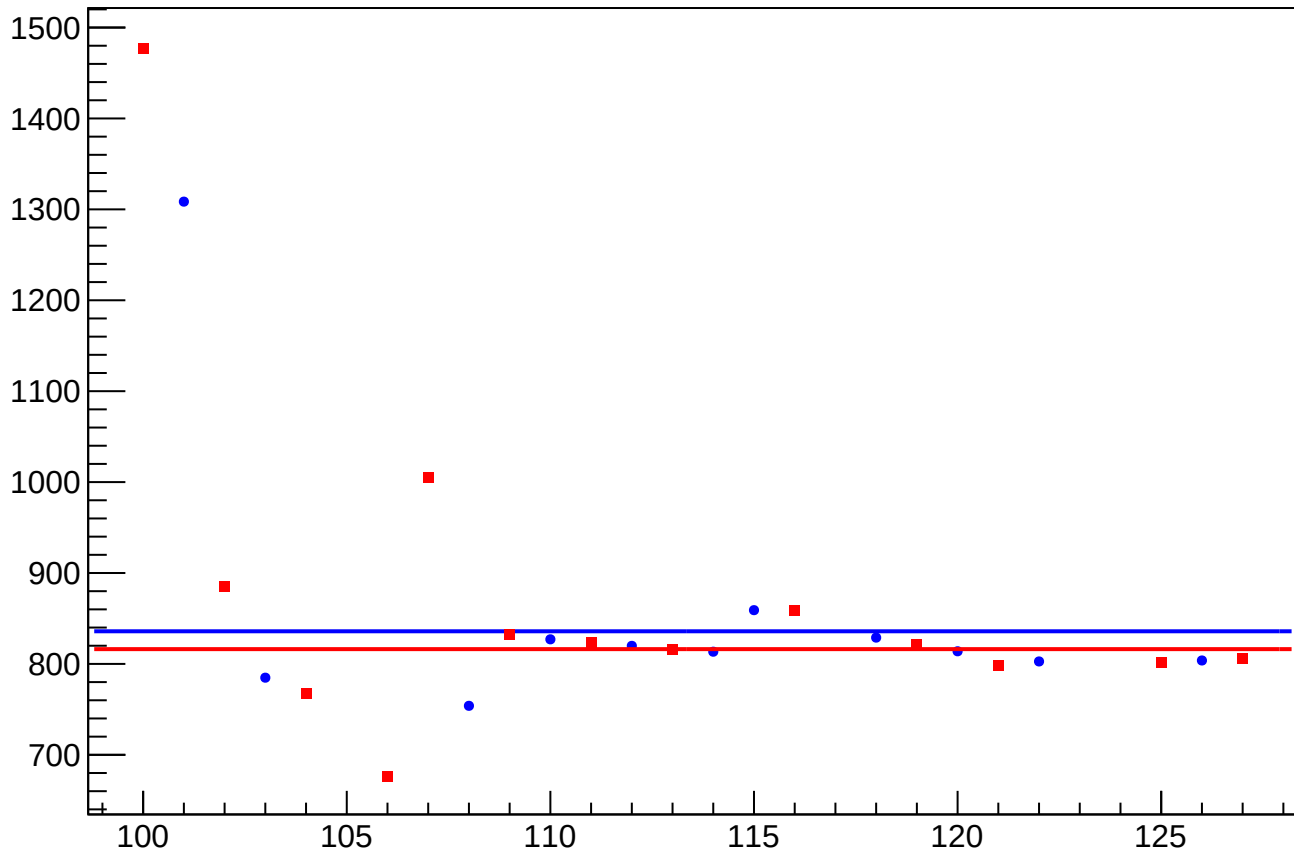
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 156.312 $\pm$ 269.117 χ^2 /NDF: 29.2/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_dd_rms vs Slug



Right In: 835.896+/-0.283 χ^2/NDF : 187886.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 816.267+/-0.253 χ^2/NDF : 83025.9/12

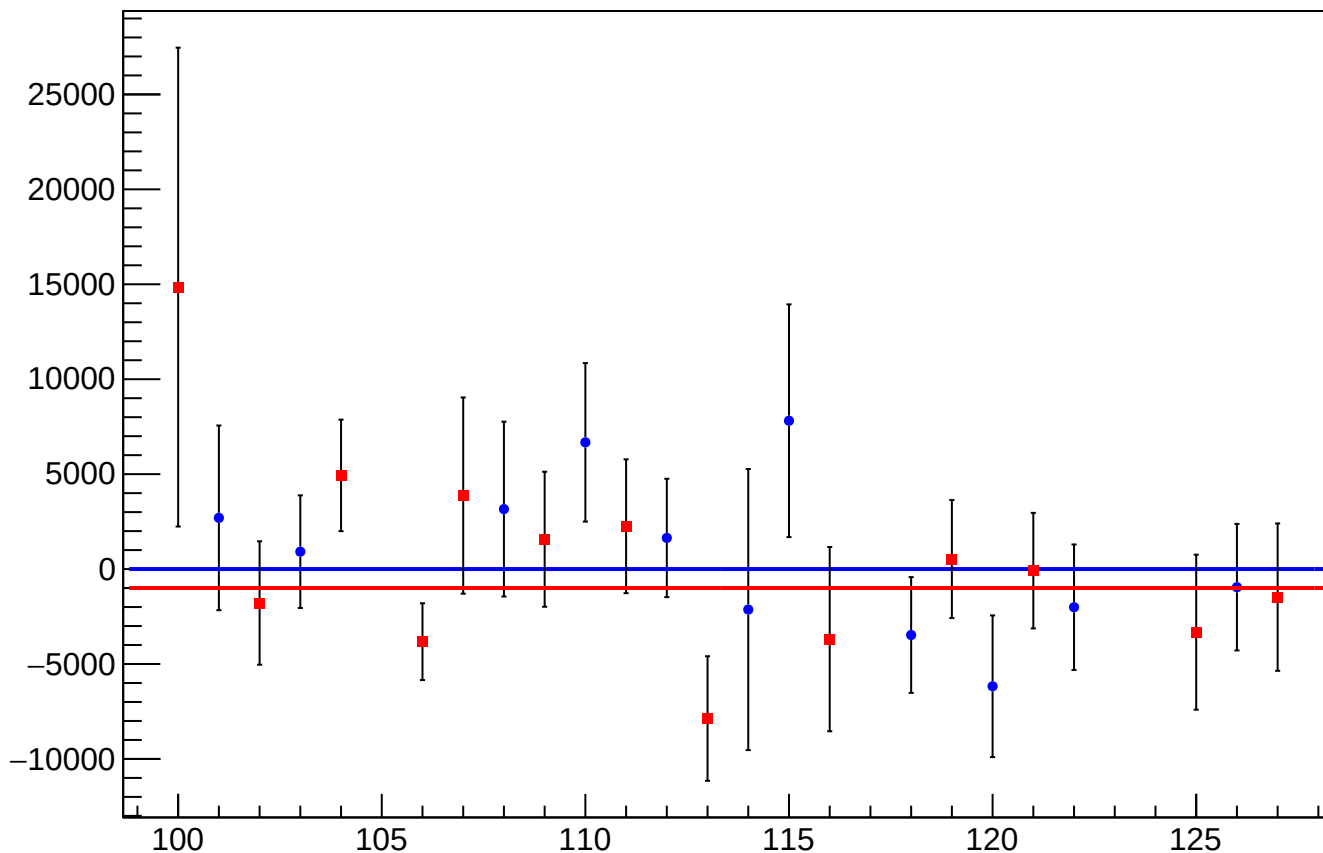
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 825.001+/-0.189 χ^2/NDF : 273586.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_reg_correction_mean vs Slug



Right In: 2.087+/-1140.097 χ^2/NDF : 9.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -996.673+/-939.919 χ^2/NDF : 15.3/12

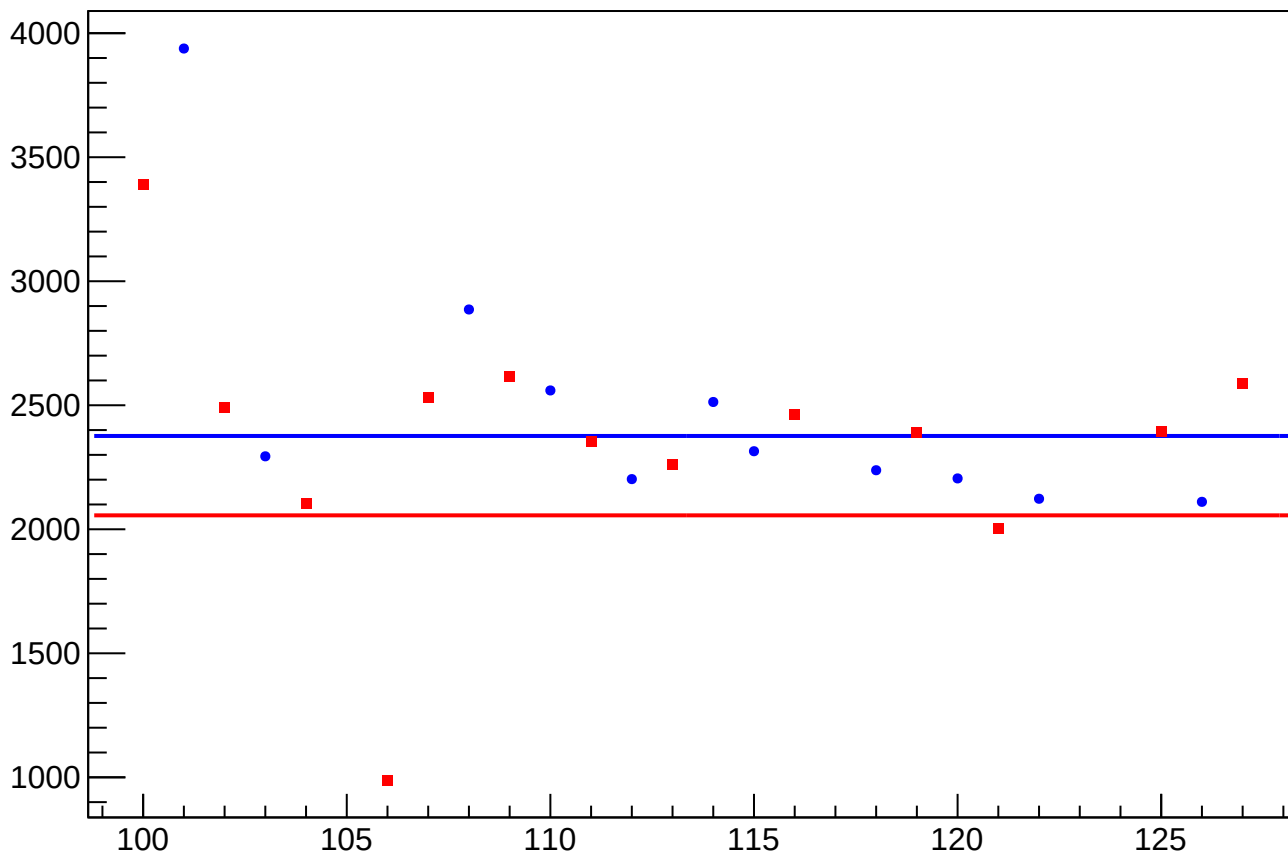
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -592.530+/-725.235 χ^2/NDF : 25.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_reg_correction_rms vs Slug



Right In: 2376.221+/-0.806 χ^2/NDF : 276078.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2056.165+/-0.665 χ^2/NDF : 795175.4/12

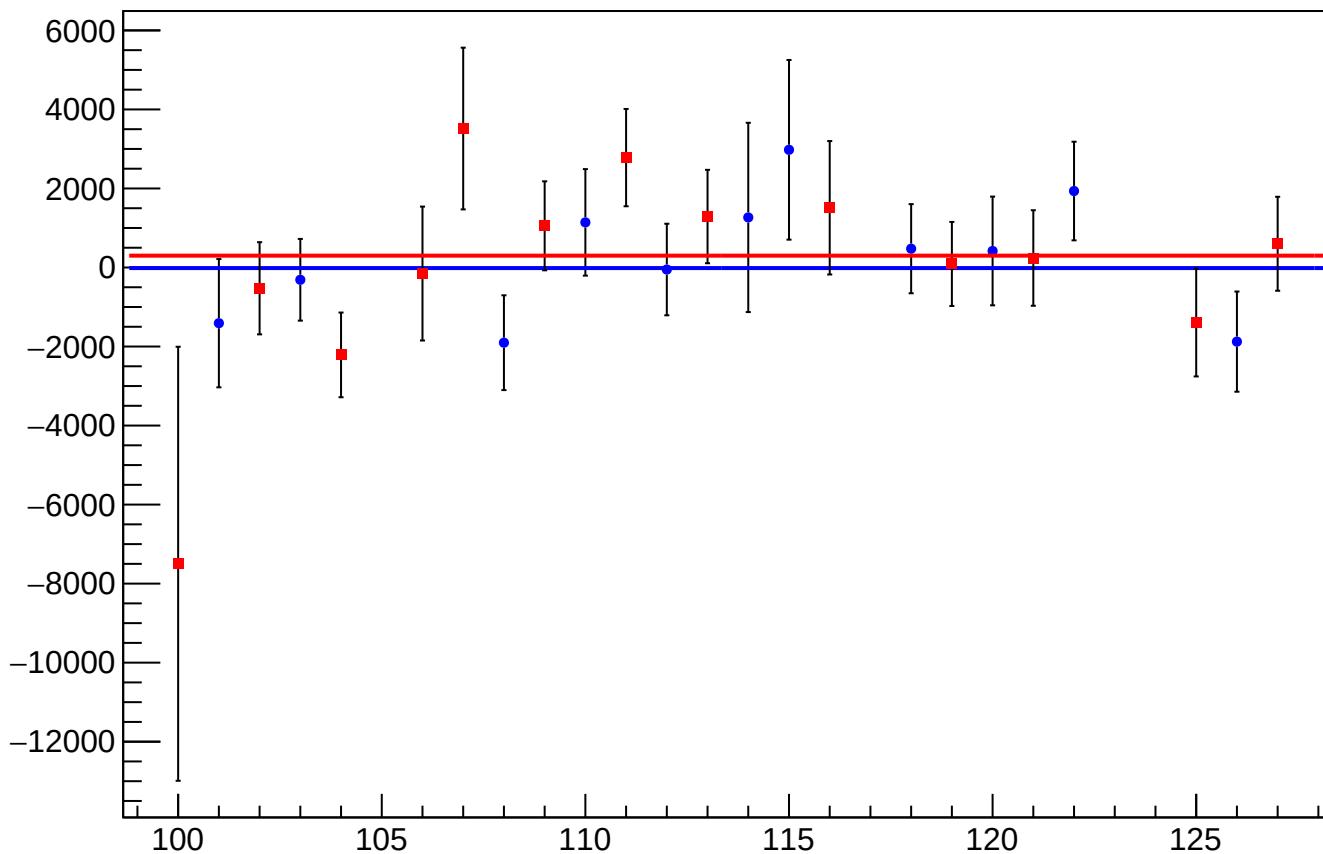
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2185.674+/-0.513 χ^2/NDF : 1165091.2/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_atl2_dd_mean vs Slug



Right In: -14.530+/-399.930 χ^2/NDF : 10.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 299.659+/-363.814 χ^2/NDF : 17.9/12

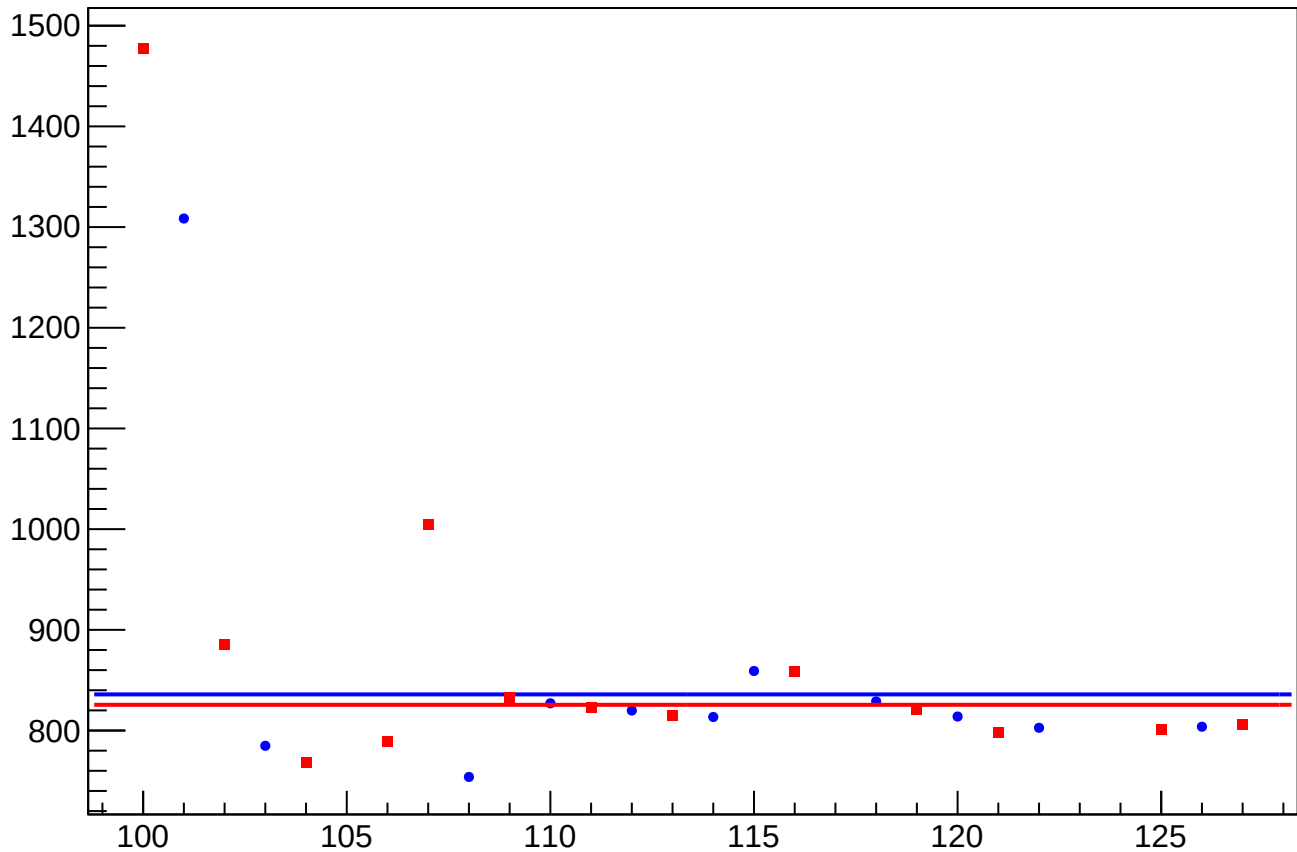
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.389+/-269.120 χ^2/NDF : 29.2/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_atl2_dd_rms vs Slug



Right In: 835.896 $\pm$ 0.283 χ^2 /NDF: 187885.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 825.545 $\pm$ 0.256 χ^2 /NDF: 59023.9/12

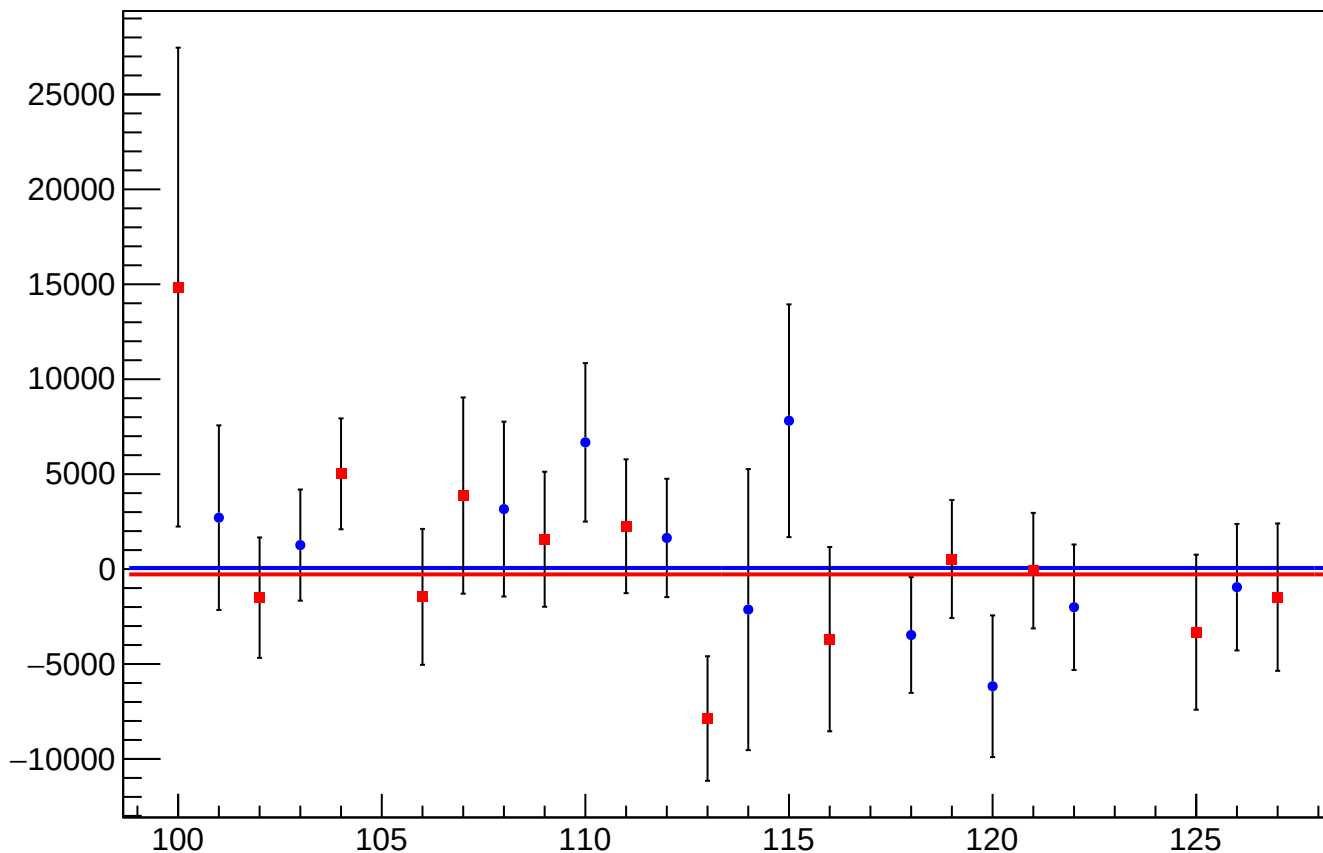
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 830.198 $\pm$ 0.190 χ^2 /NDF: 247647.1/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_cor_correction_mean vs Slug



Right In: 58.698+/-1137.849 χ^2/NDF : 10.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -279.841+/-1014.613 χ^2/NDF : 13.0/12

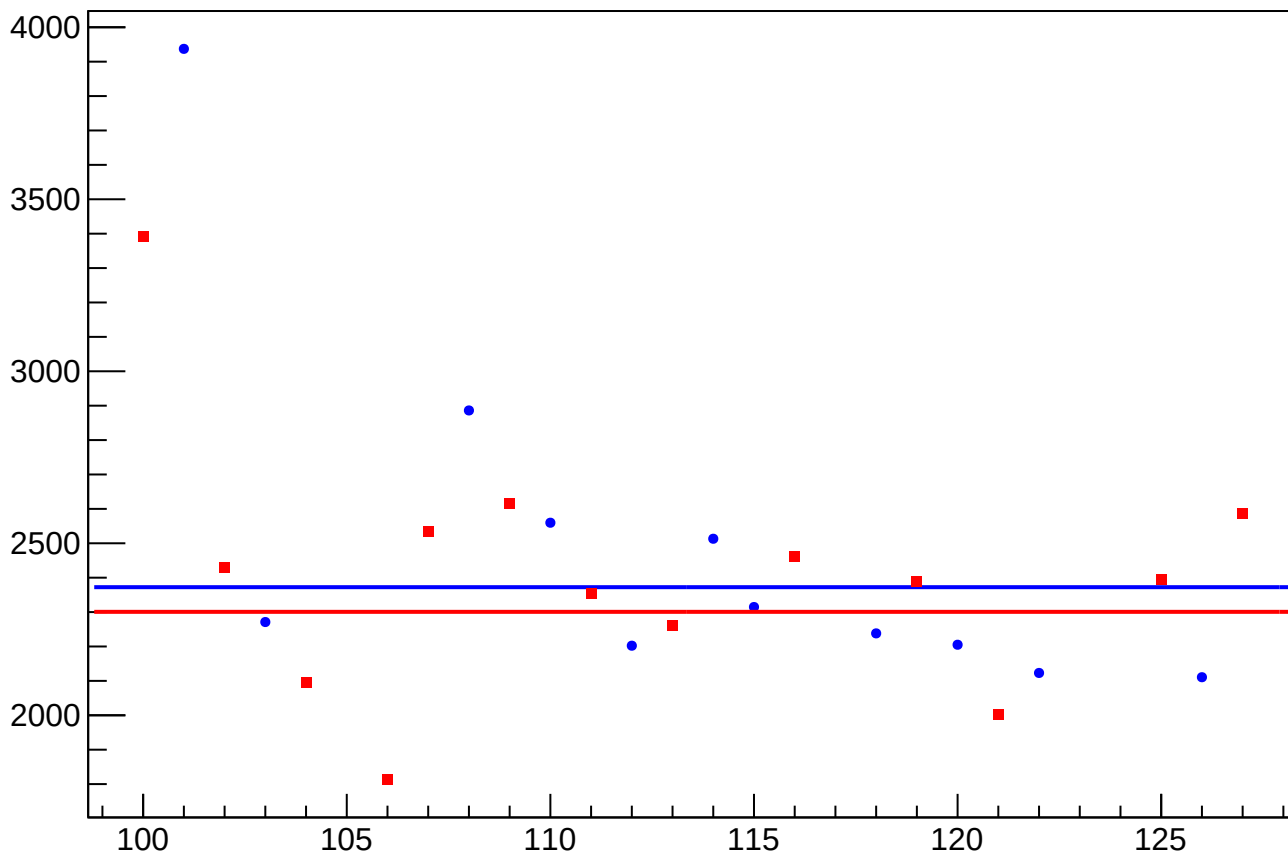
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -129.891+/-757.276 χ^2/NDF : 23.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_cor_correction_rms vs Slug



Right In: 2372.396 $\pm$ 0.805 χ^2 /NDF: 276952.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2300.711 $\pm$ 0.717 χ^2 /NDF: 121224.4/12

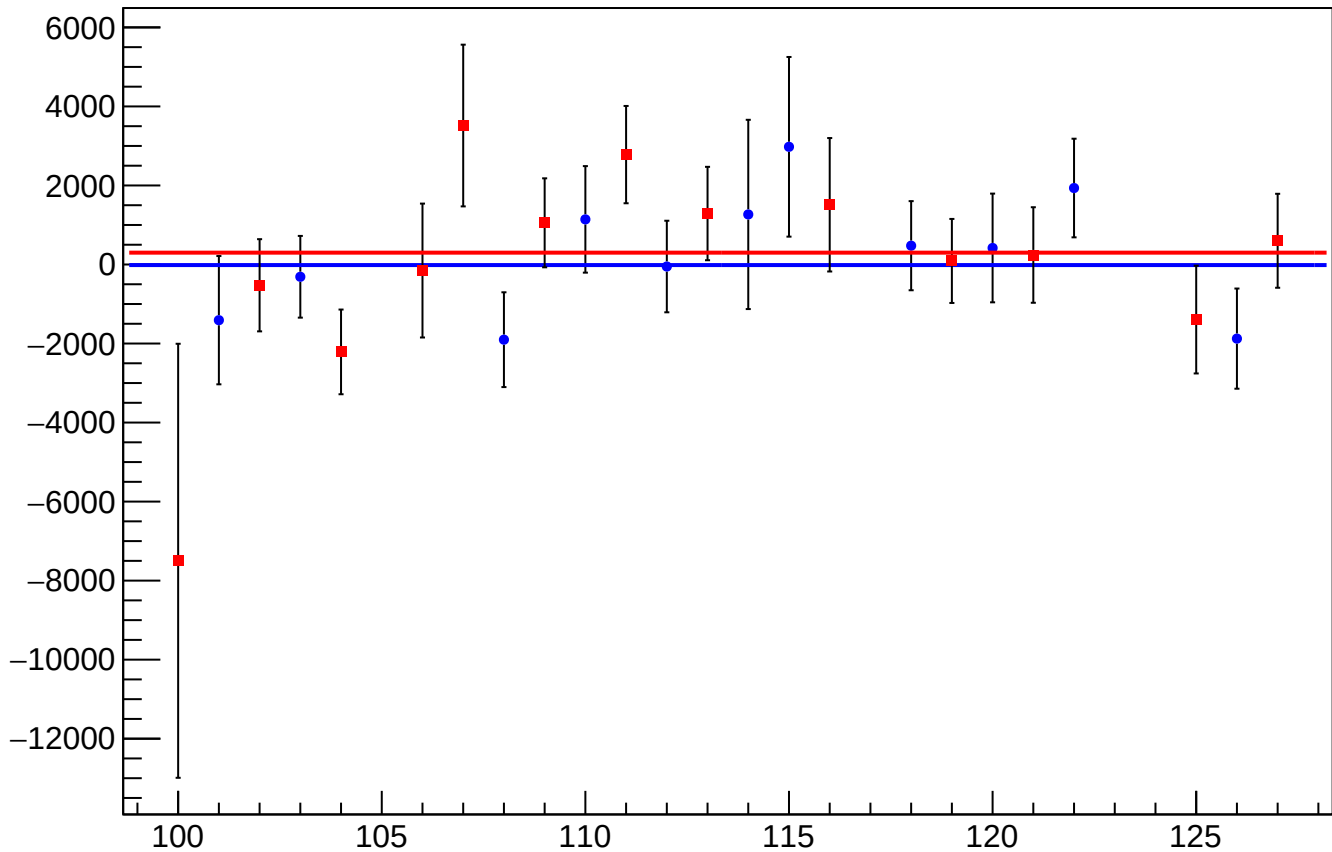
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2332.463 $\pm$ 0.535 χ^2 /NDF: 402598.8/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usl_atl2_dd_mean vs Slug



Right In: -14.530+/-399.930 χ^2/NDF : 10.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 299.659+/-363.814 χ^2/NDF : 17.9/12

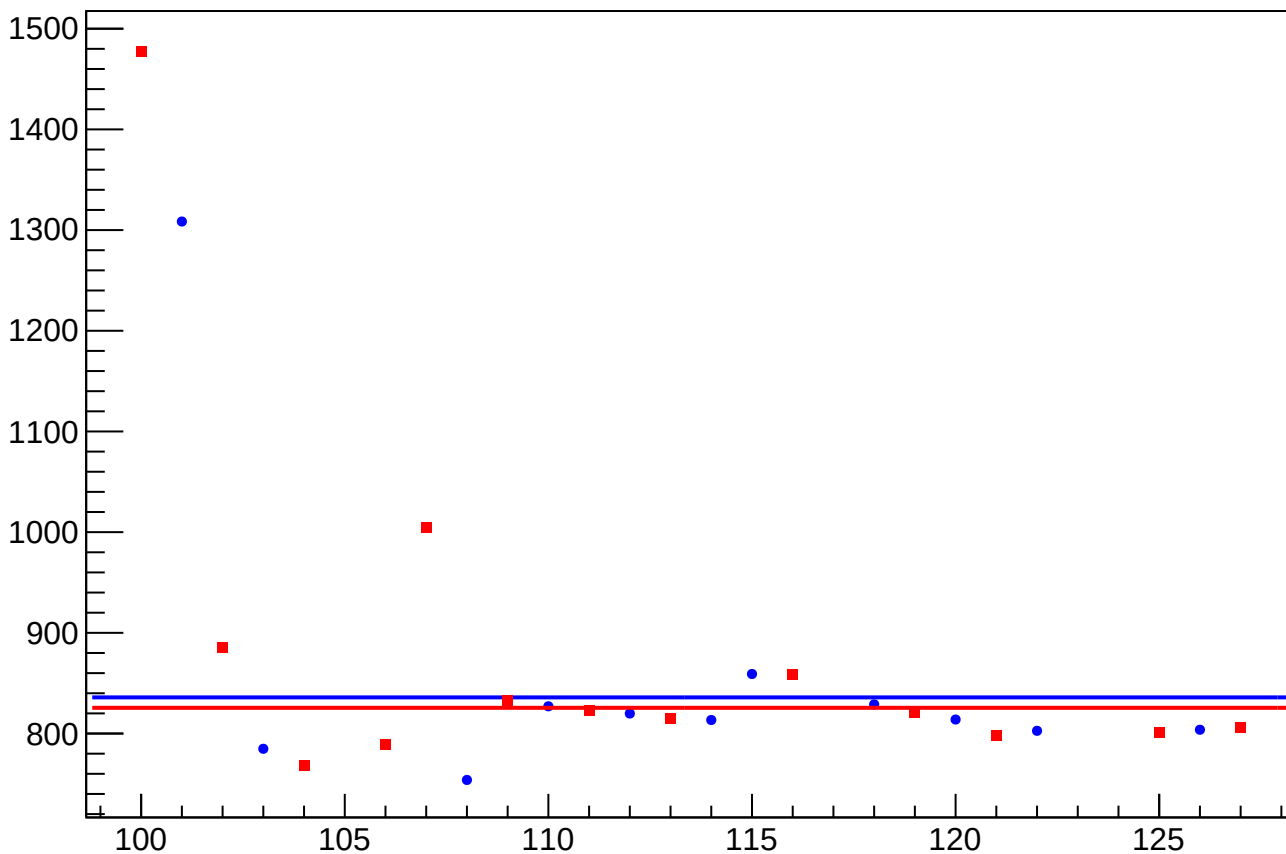
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.389+/-269.120 χ^2/NDF : 29.2/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_atl2_dd_rms vs Slug



Right In: 835.896+/-0.283 χ^2/NDF : 187885.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 825.545+/-0.256 χ^2/NDF : 59023.9/12

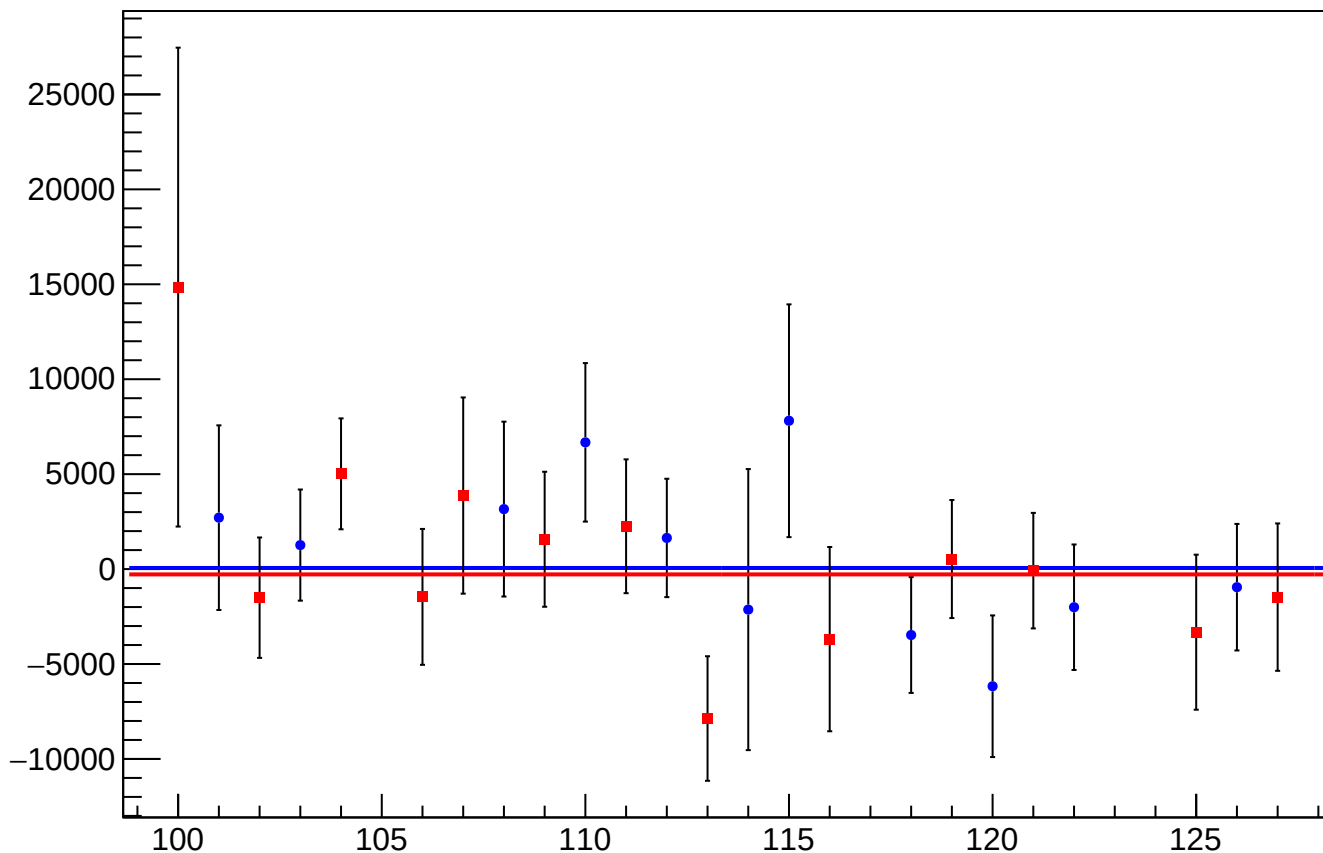
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 830.198+/-0.190 χ^2/NDF : 247647.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_eigen_cor_correction_mean vs Slug



Right In: 58.698 $\pm$ 1137.849 χ^2 /NDF: 10.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -279.841 $\pm$ 1014.613 χ^2 /NDF: 13.0/12

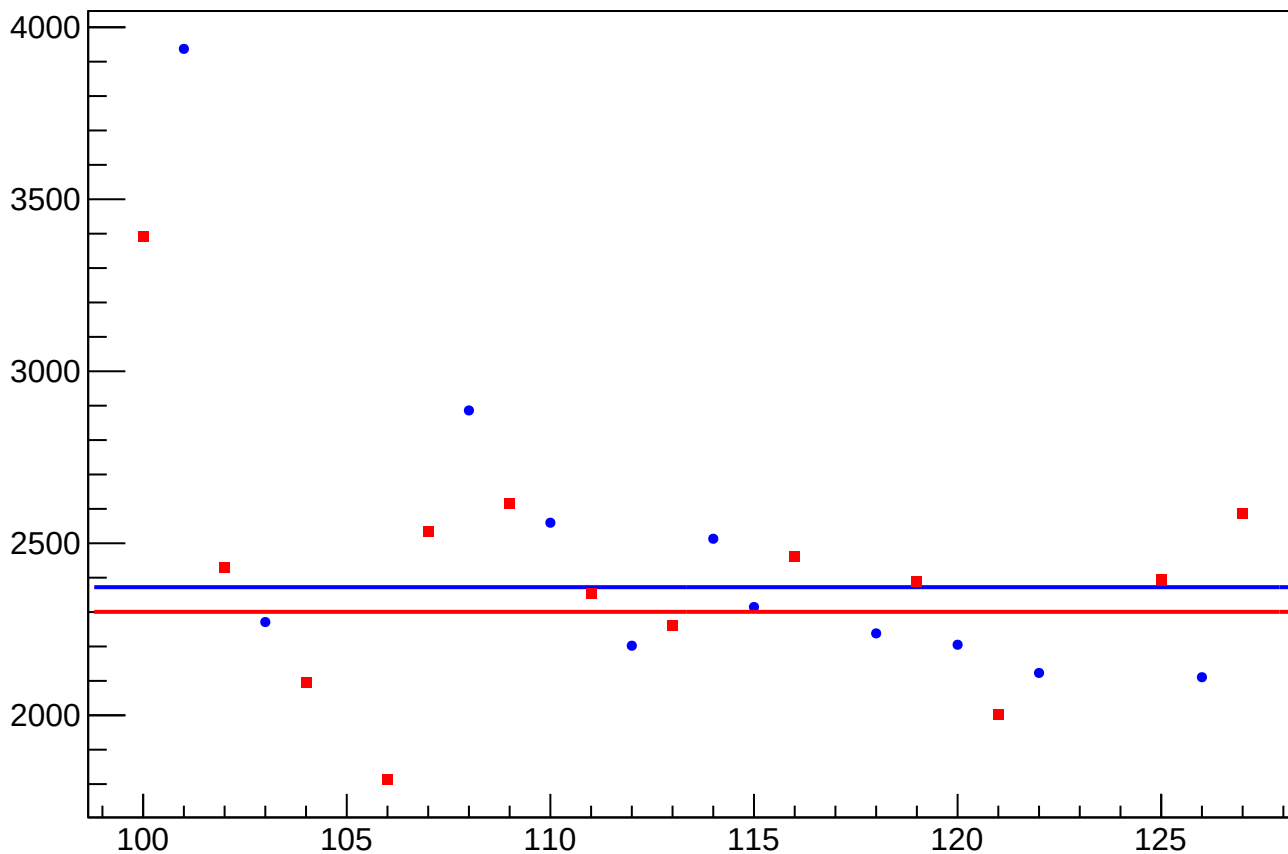
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -129.891 $\pm$ 757.276 χ^2 /NDF: 23.0/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_cor_correction_rms vs Slug



Right In: 2372.396+/-0.805 χ^2/NDF : 276952.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

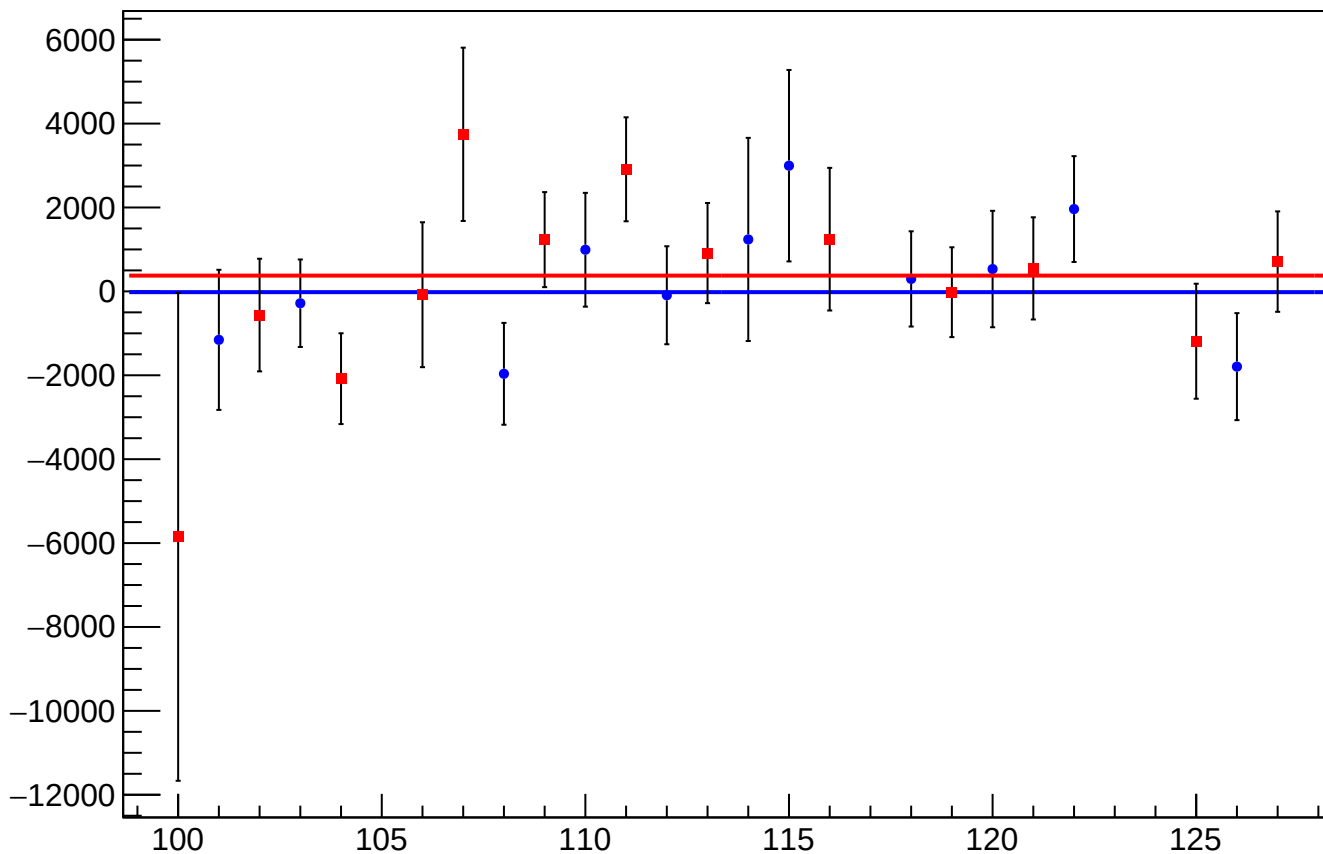
Right Out: 2300.711+/-0.717 χ^2/NDF : 121224.4/12

All: 2332.463+/-0.535 χ^2/NDF : 402598.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_atl2_dd_mean vs Slug



Right In: -18.396+/-403.765 χ^2/NDF : 10.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 376.084+/-371.090 χ^2/NDF : 16.3/12

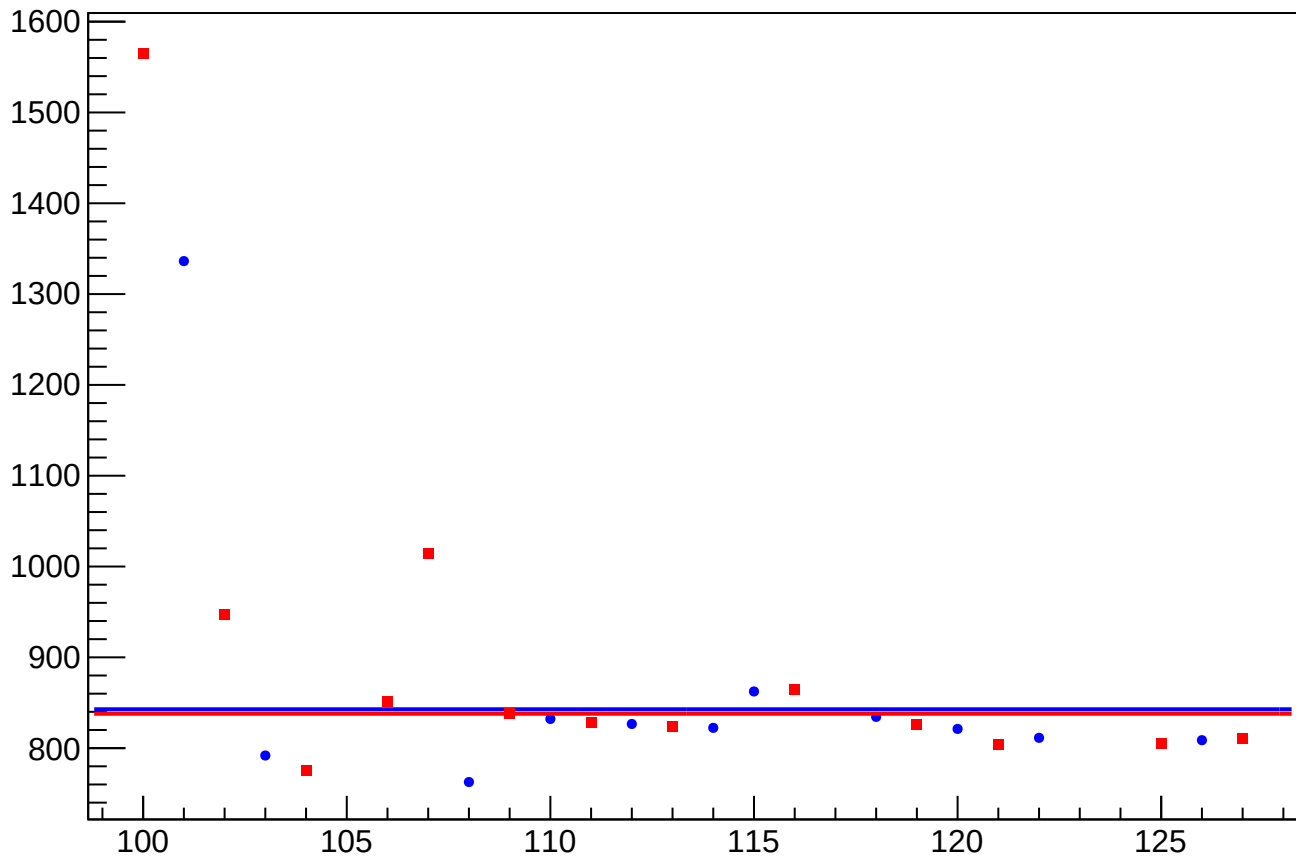
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.449+/-273.223 χ^2/NDF : 27.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_atl2_dd_rms vs Slug



Right In: 842.808 $\pm$ 0.286 χ^2 /NDF: 192211.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 837.881 $\pm$ 0.262 χ^2 /NDF: 70760.5/12

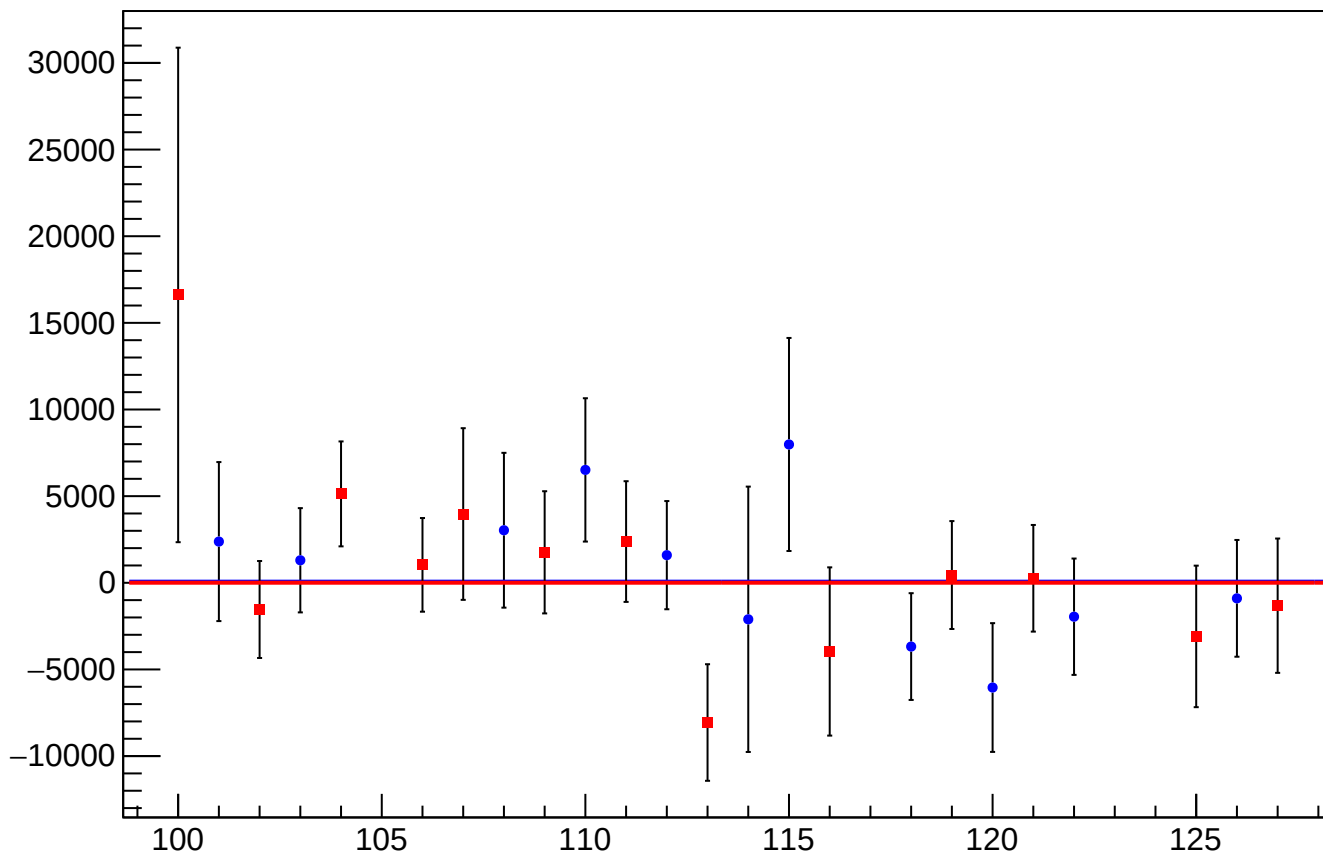
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 840.134 $\pm$ 0.193 χ^2 /NDF: 263134.1/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_dit_correction_mean vs Slug



Right In: 65.369+/-1141.520 χ^2/NDF : 9.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.889+/-976.600 χ^2/NDF : 13.2/12

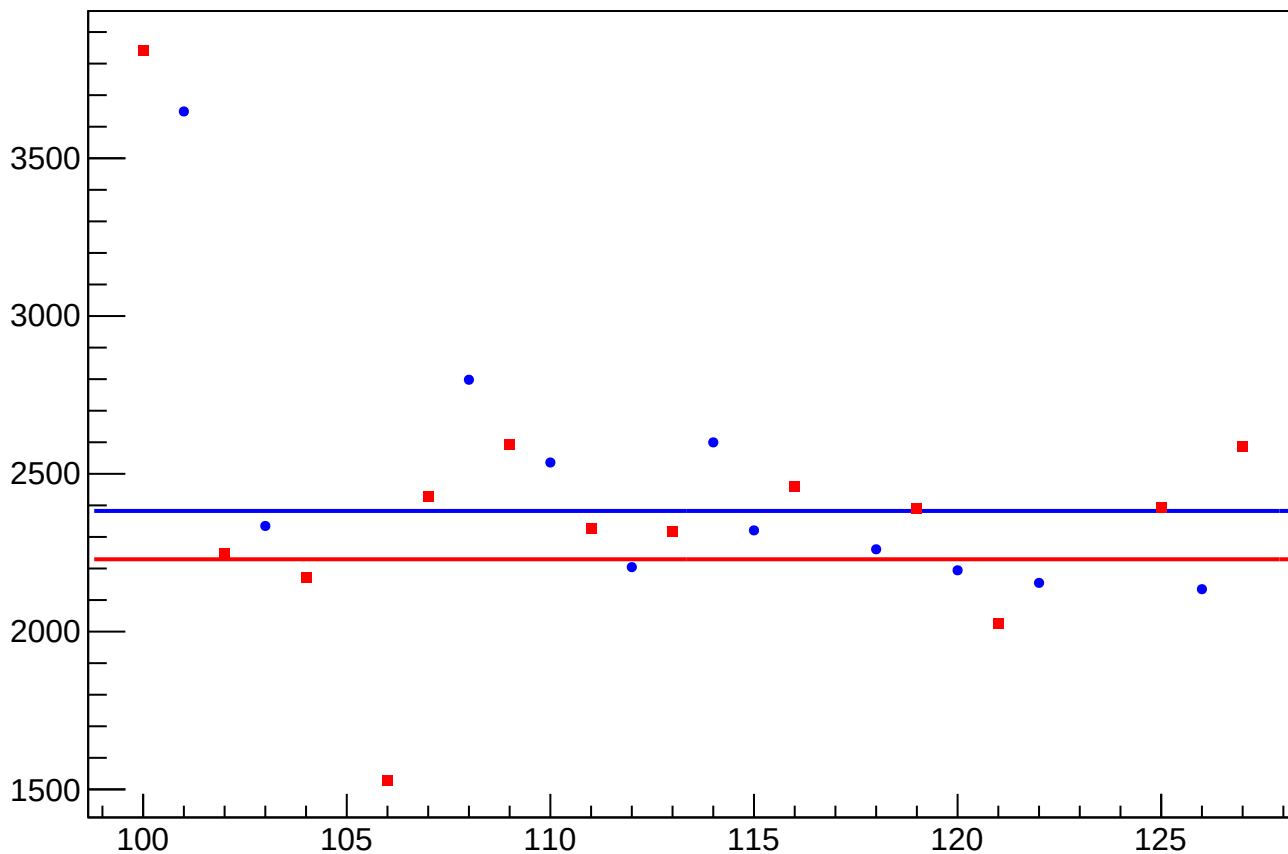
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.448+/-742.082 χ^2/NDF : 23.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_dit_correction_rms vs Slug



Right In: 2382.387+/-0.807 χ^2/NDF : 209452.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2229.236+/-0.691 χ^2/NDF : 226874.4/12

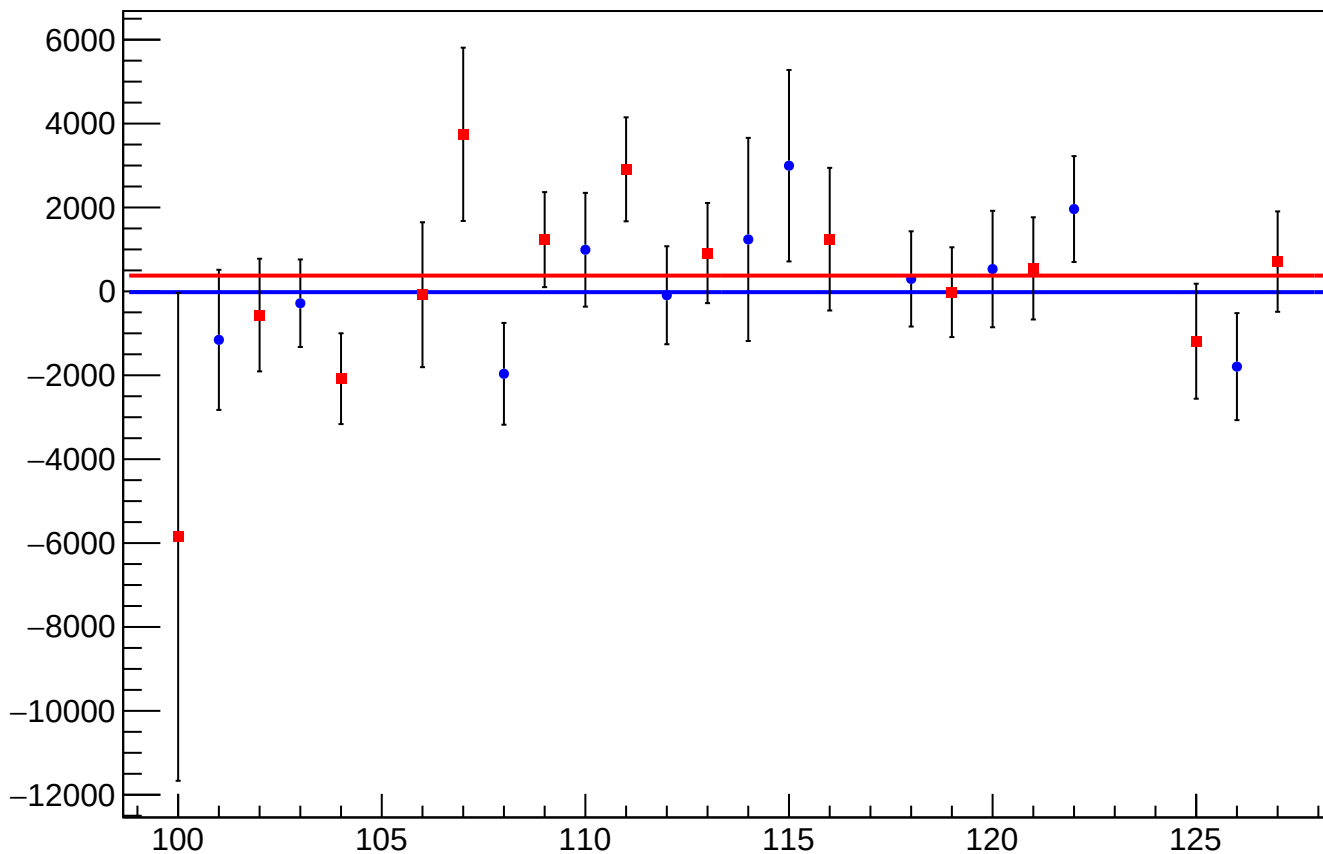
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2293.959+/-0.525 χ^2/NDF : 457112.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_atl2_dd_mean vs Slug



Right In: -18.394 ± 403.765 χ^2/NDF : 10.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 376.091 ± 371.090 χ^2/NDF : 16.3/12

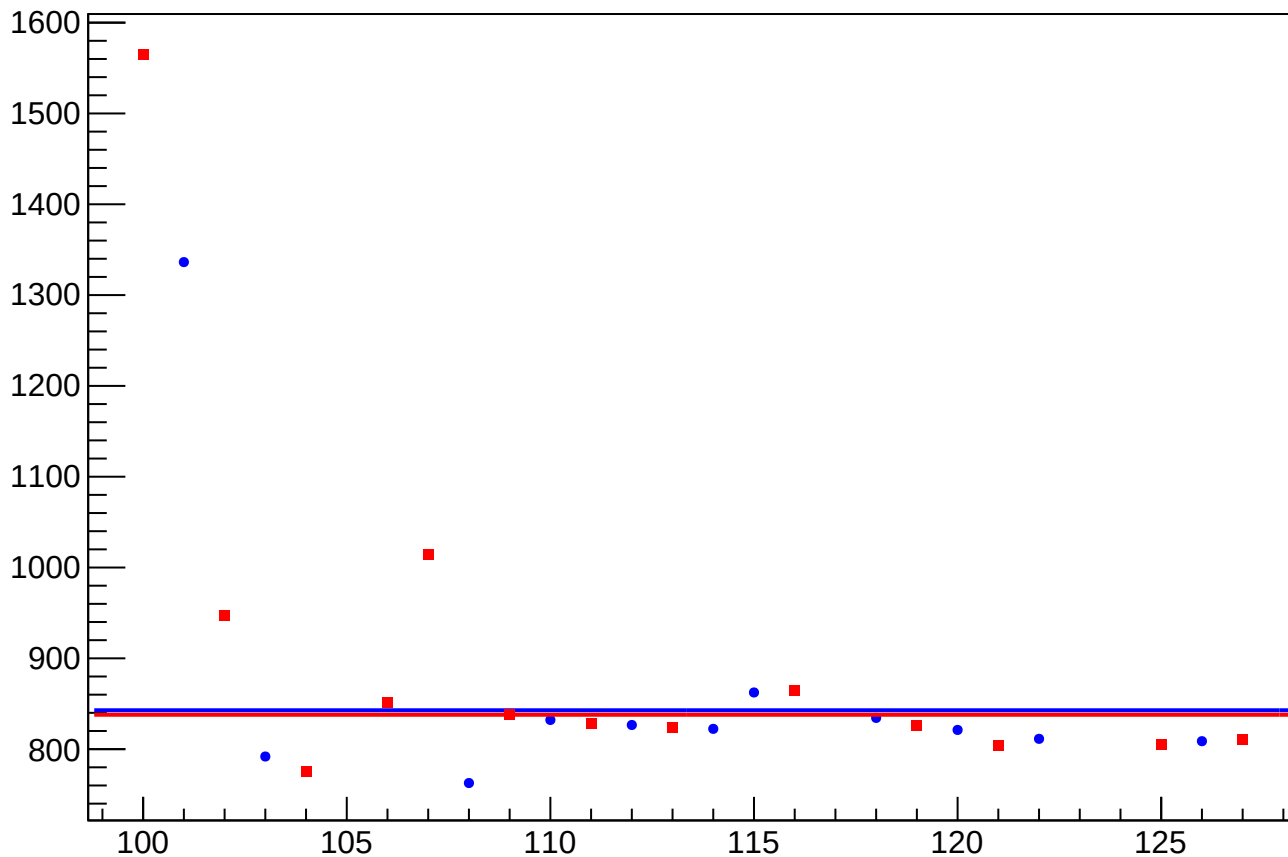
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 195.454 ± 273.223 χ^2/NDF : 27.1/23

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_atl2_dd_rms vs Slug



Right In: 842.808 $\pm$ 0.286 χ^2 /NDF: 192211.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 837.881 $\pm$ 0.262 χ^2 /NDF: 70760.4/12

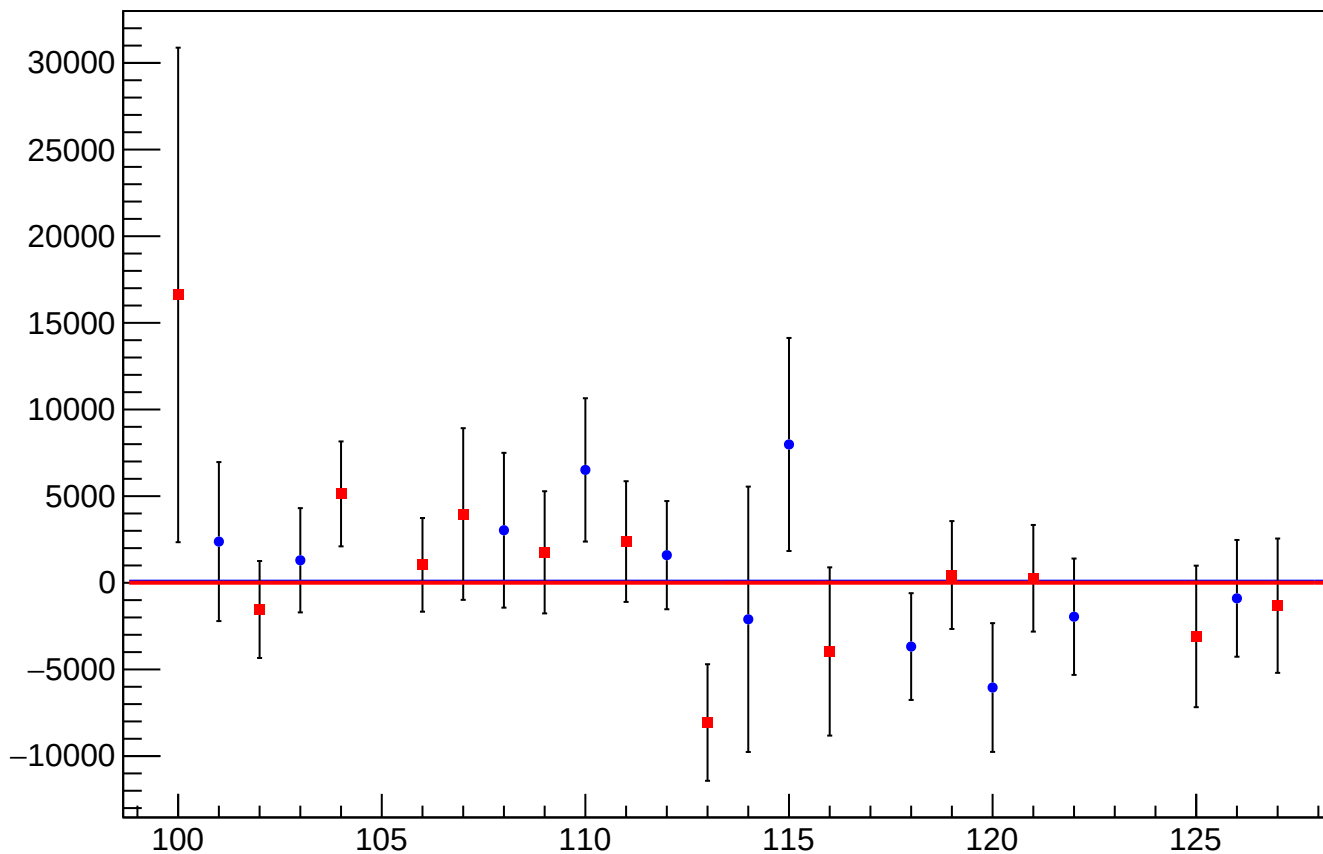
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 840.134 $\pm$ 0.193 χ^2 /NDF: 263133.5/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_dit_correction_mean vs Slug



Right In: 65.366+/-1141.515 χ^2/NDF : 9.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.890+/-976.597 χ^2/NDF : 13.2/12

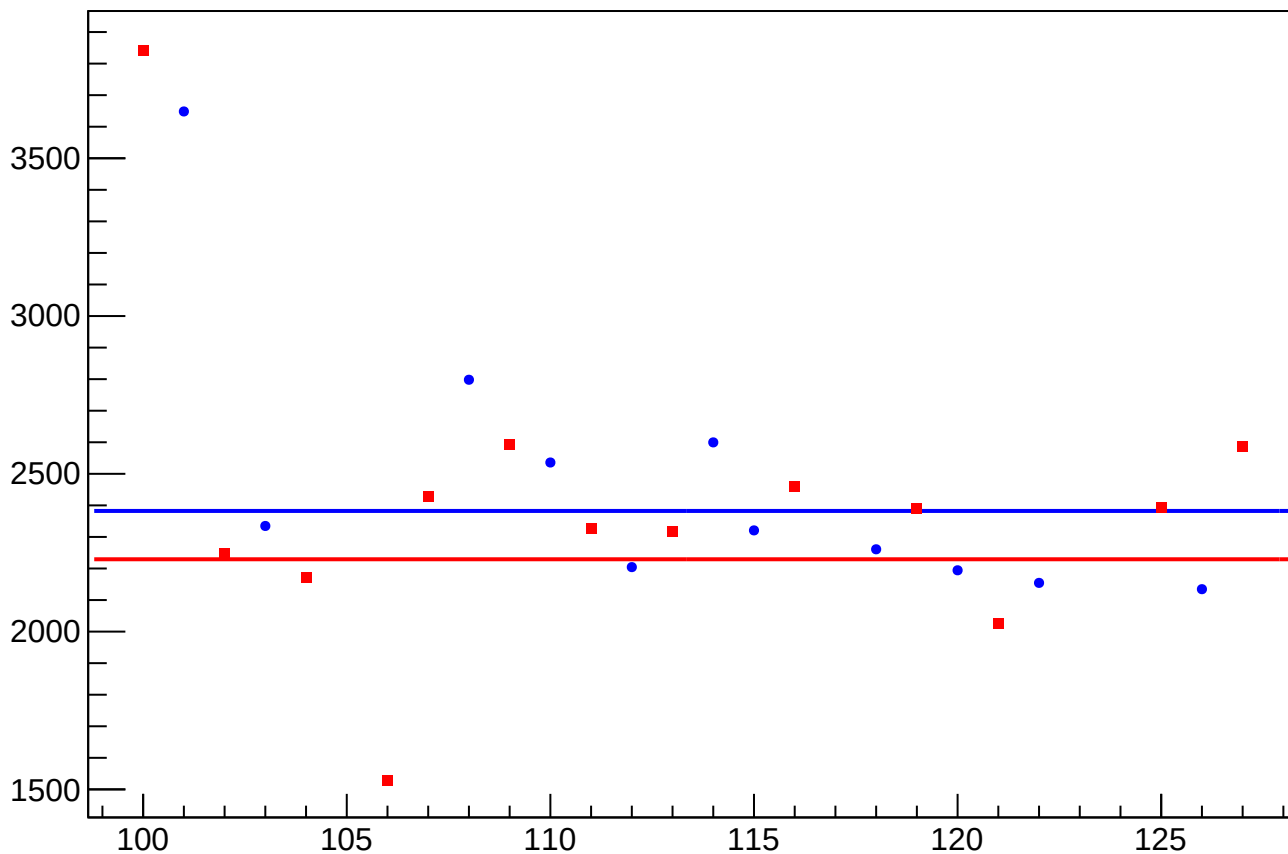
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.448+/-742.080 χ^2/NDF : 23.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_eigen_dit_correction_rms vs Slug



Right In: 2382.377 $\pm$ 0.807 χ^2 /NDF: 209453.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2229.230 $\pm$ 0.691 χ^2 /NDF: 226875.3/12

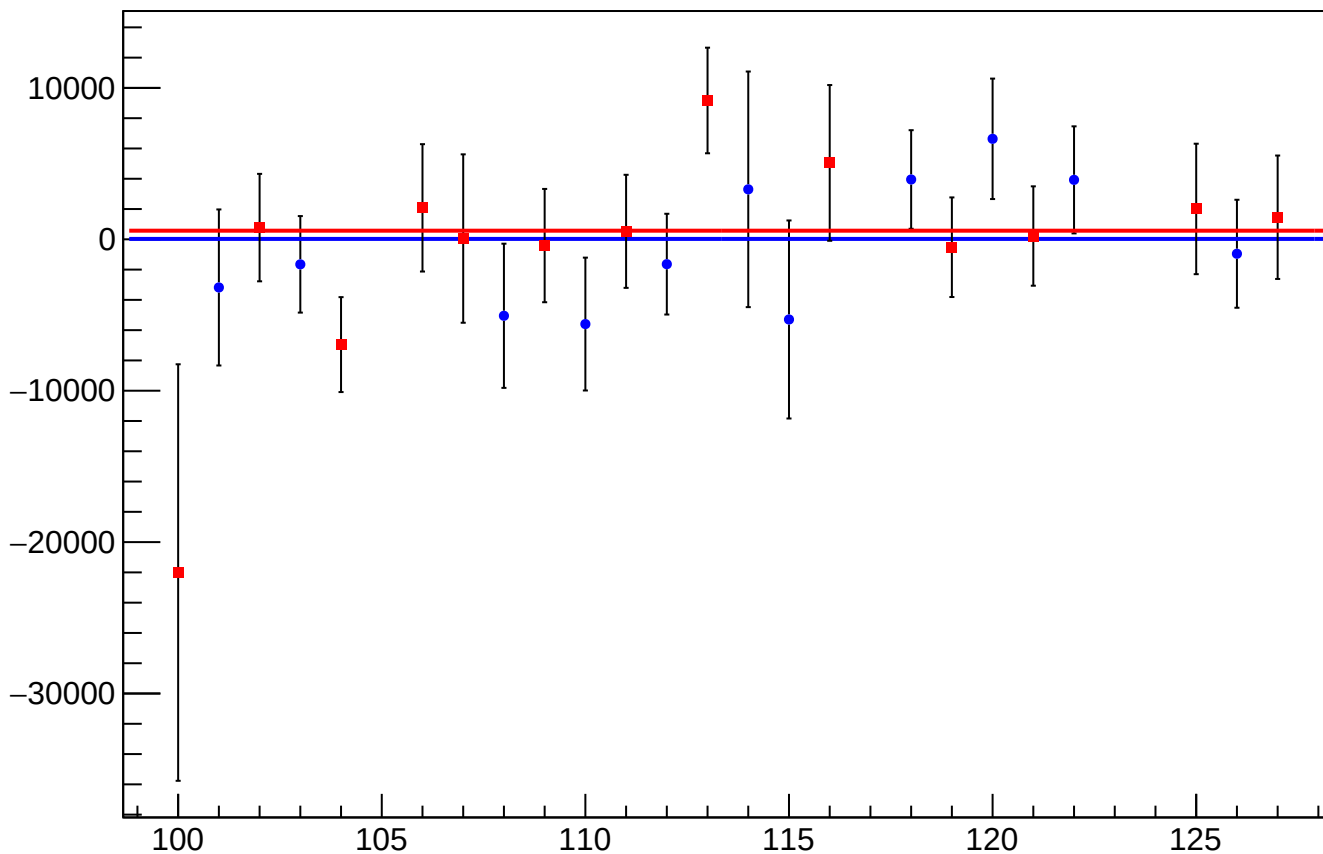
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2293.951 $\pm$ 0.525 χ^2 /NDF: 457114.4/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_mean vs Slug



Right In: 26.342 ± 1214.082 χ^2/NDF : 10.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 569.780 ± 1092.557 χ^2/NDF : 15.8/12

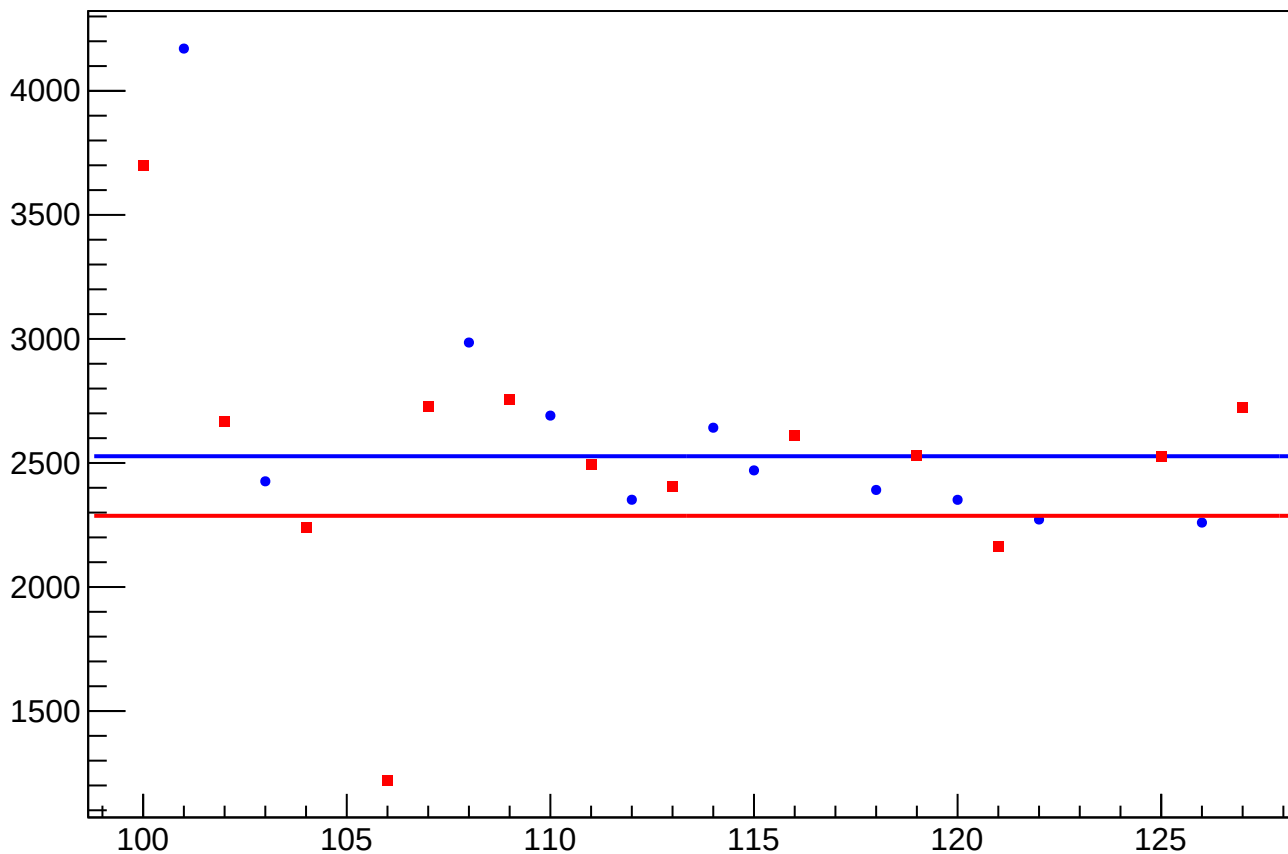
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 326.612 ± 812.130 χ^2/NDF : 25.9/23

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_rms vs Slug



Right In: 2527.211+/-0.858 χ^2/NDF : 261856.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2287.020+/-0.730 χ^2/NDF : 505171.6/12

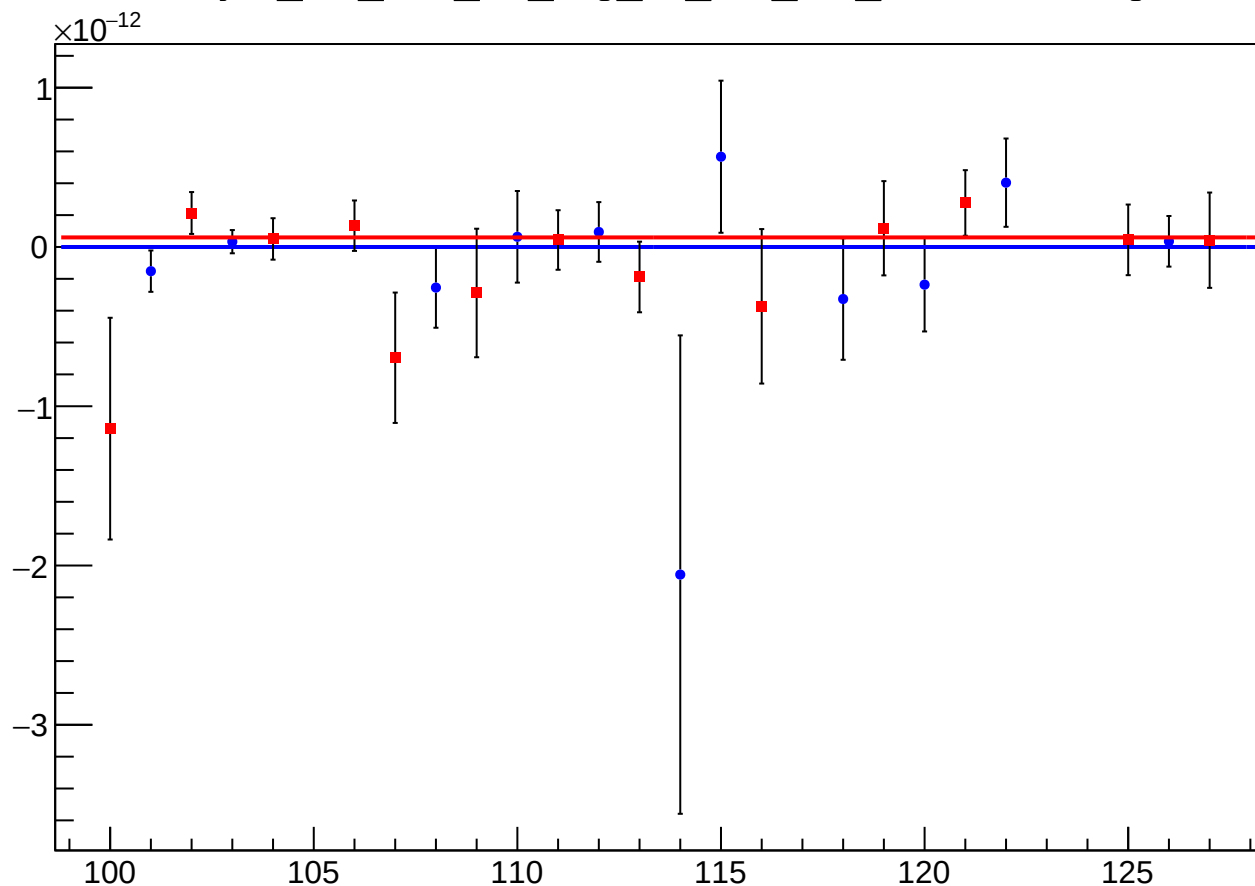
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2387.818+/-0.556 χ^2/NDF : 812457.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.9/12

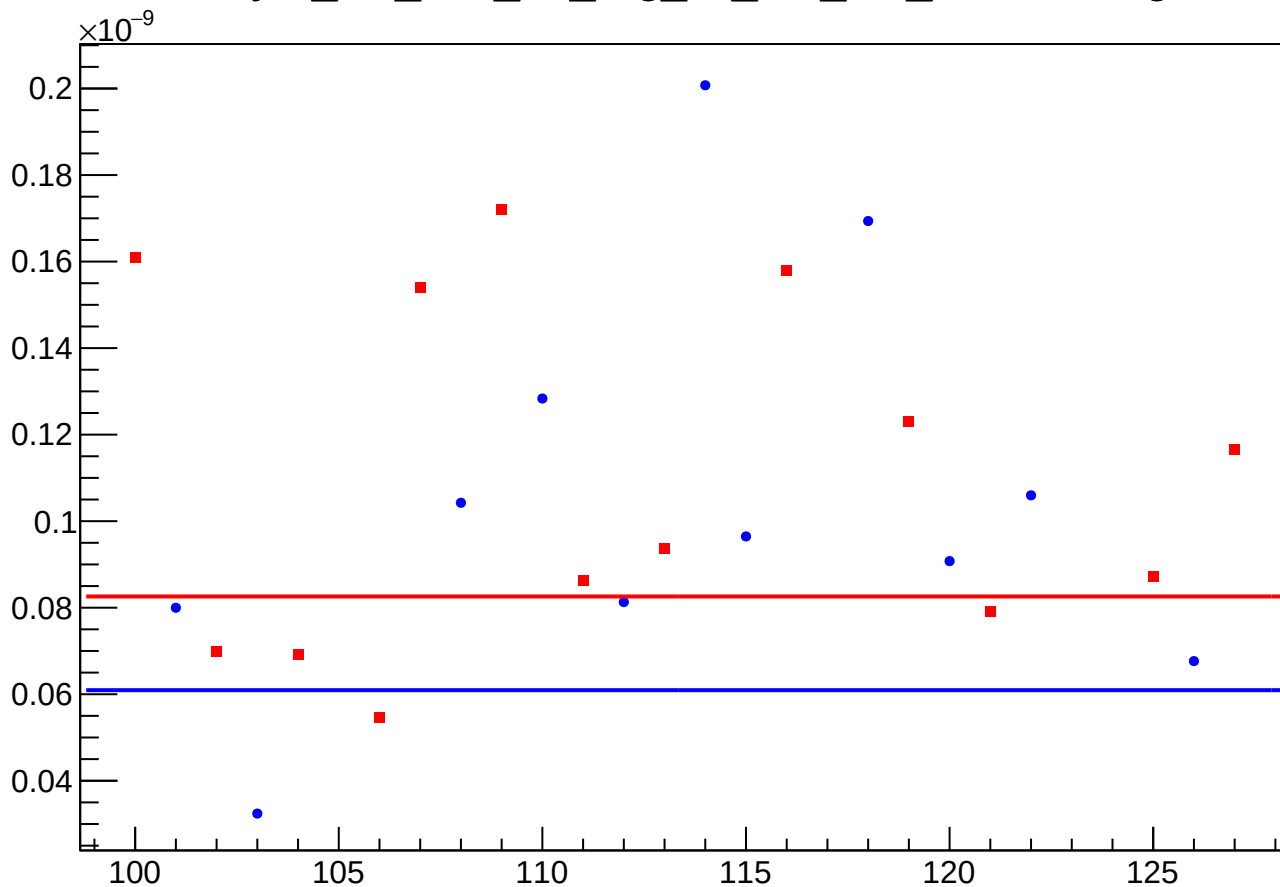
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 22.3/23

- sign 0.000 $\pm$ 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 : 808594.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 405844.4/12

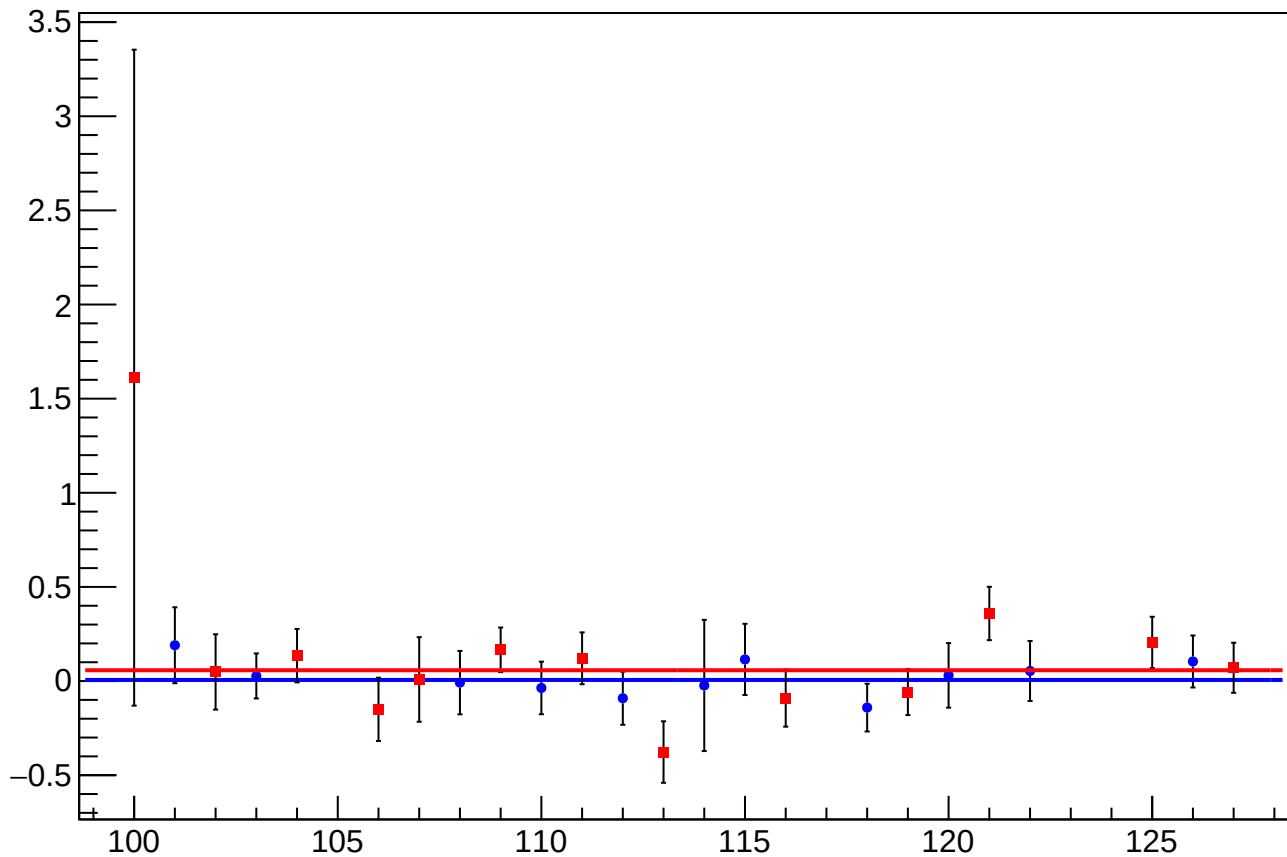
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1368945.9/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.006+/-0.047 χ^2/NDF : 3.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.058+/-0.042 χ^2/NDF : 18.4/12

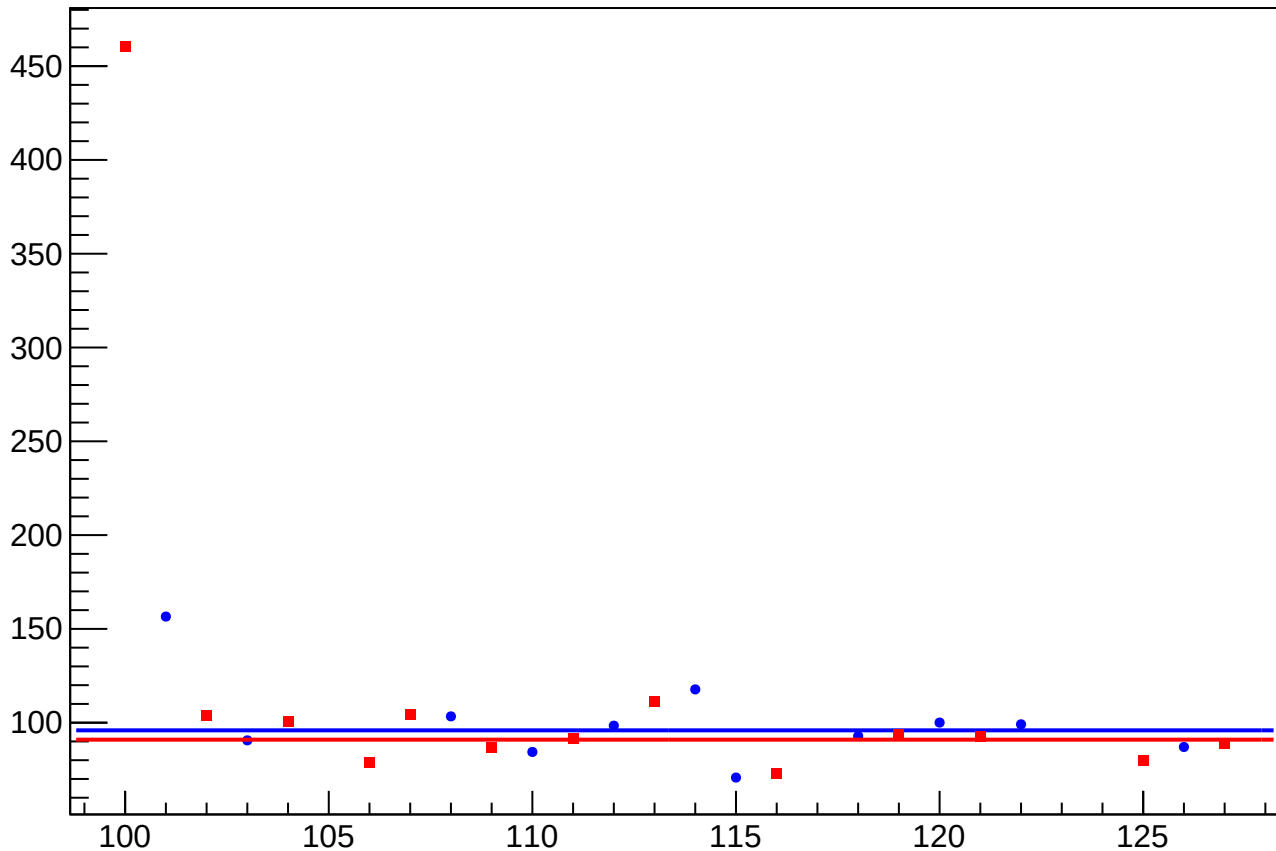
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.034+/-0.031 χ^2/NDF : 22.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 95.923+/-0.033 χ^2/NDF : 257967.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.955+/-0.030 χ^2/NDF : 201073.9/12

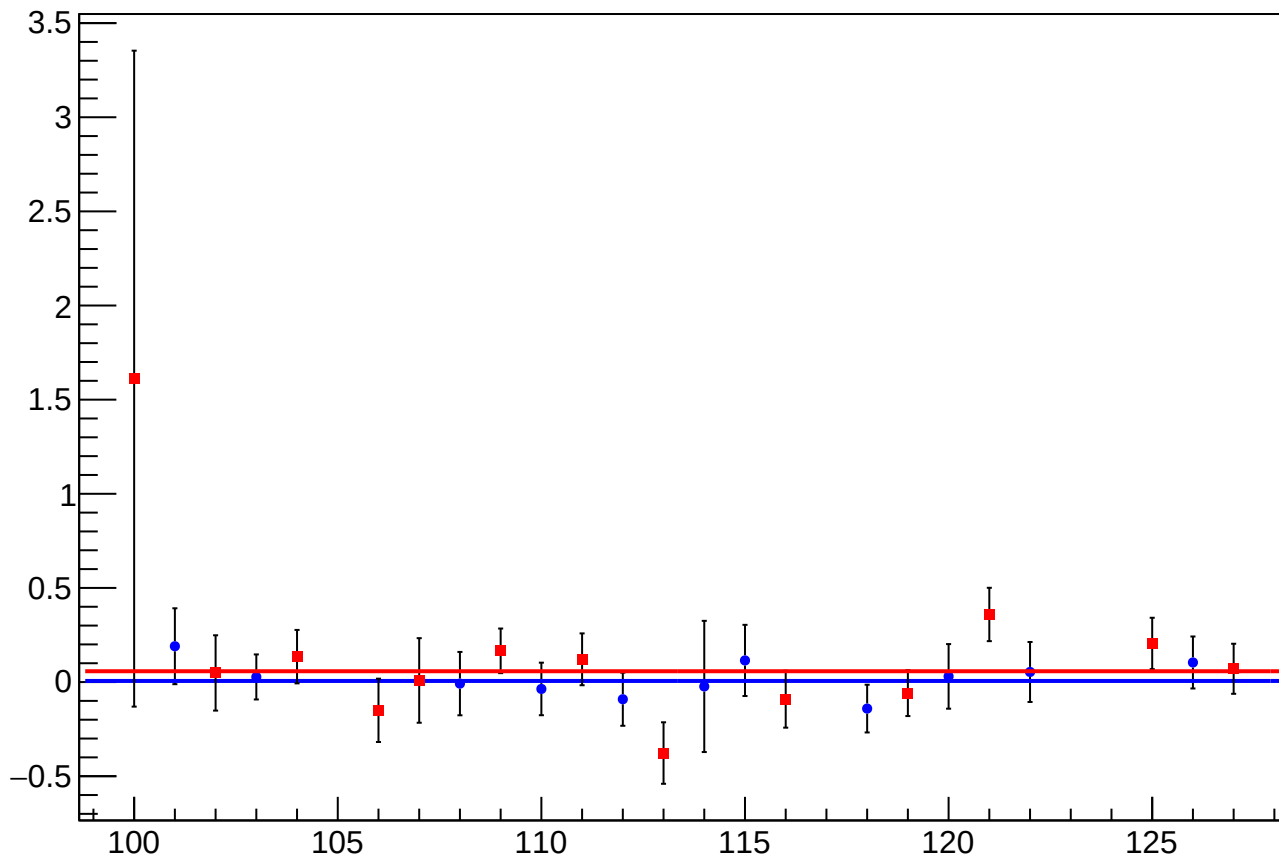
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.178+/-0.022 χ^2/NDF : 471472.8/23

- 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: 0.006+/-0.047 χ^2/NDF : 3.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.058+/-0.042 χ^2/NDF : 18.4/12

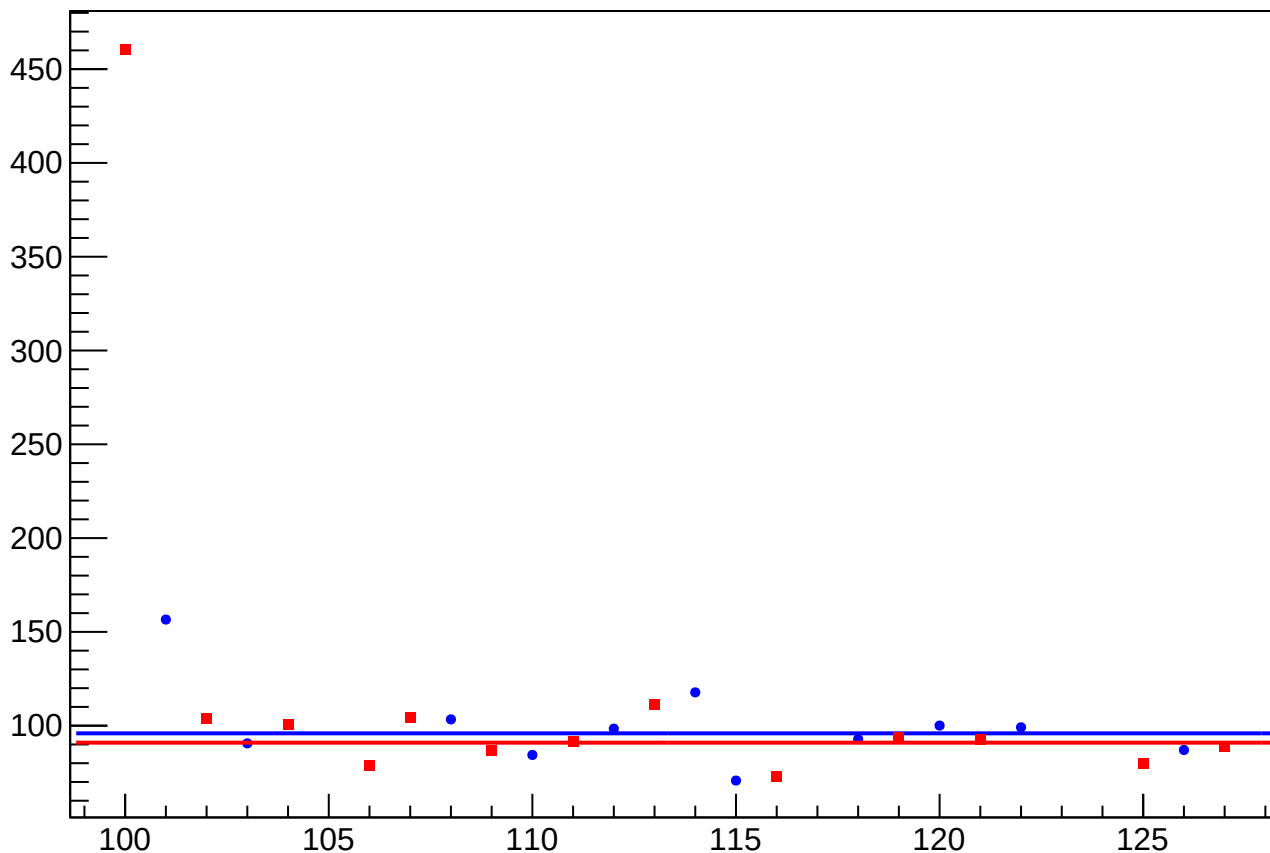
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.034+/-0.031 χ^2/NDF : 22.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 95.923+/-0.033 χ^2/NDF : 257967.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.955+/-0.030 χ^2/NDF : 201073.9/12

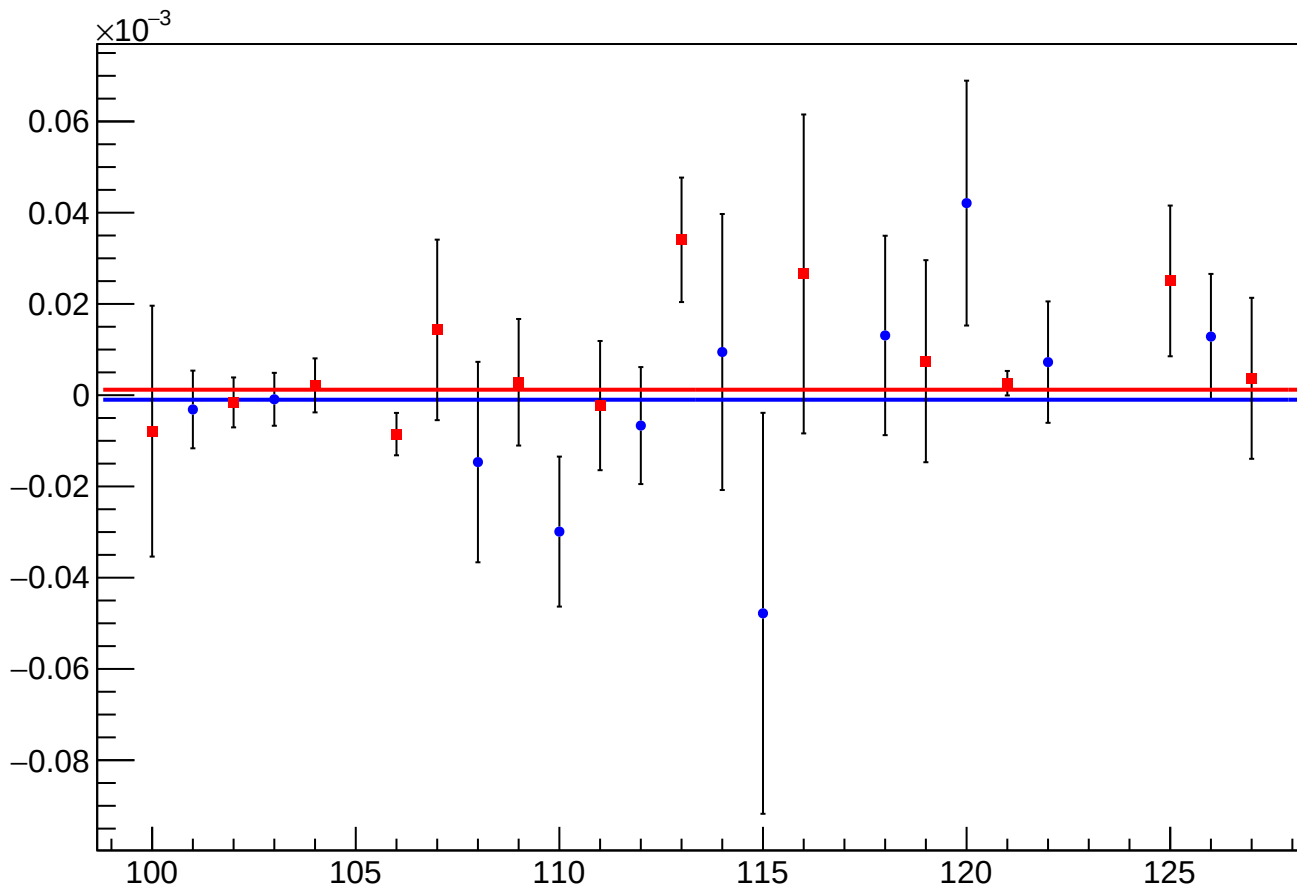
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.178+/-0.022 χ^2/NDF : 471472.8/23

- 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 $\pm$ 0.000 χ^2 /NDF: 9.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.1/12

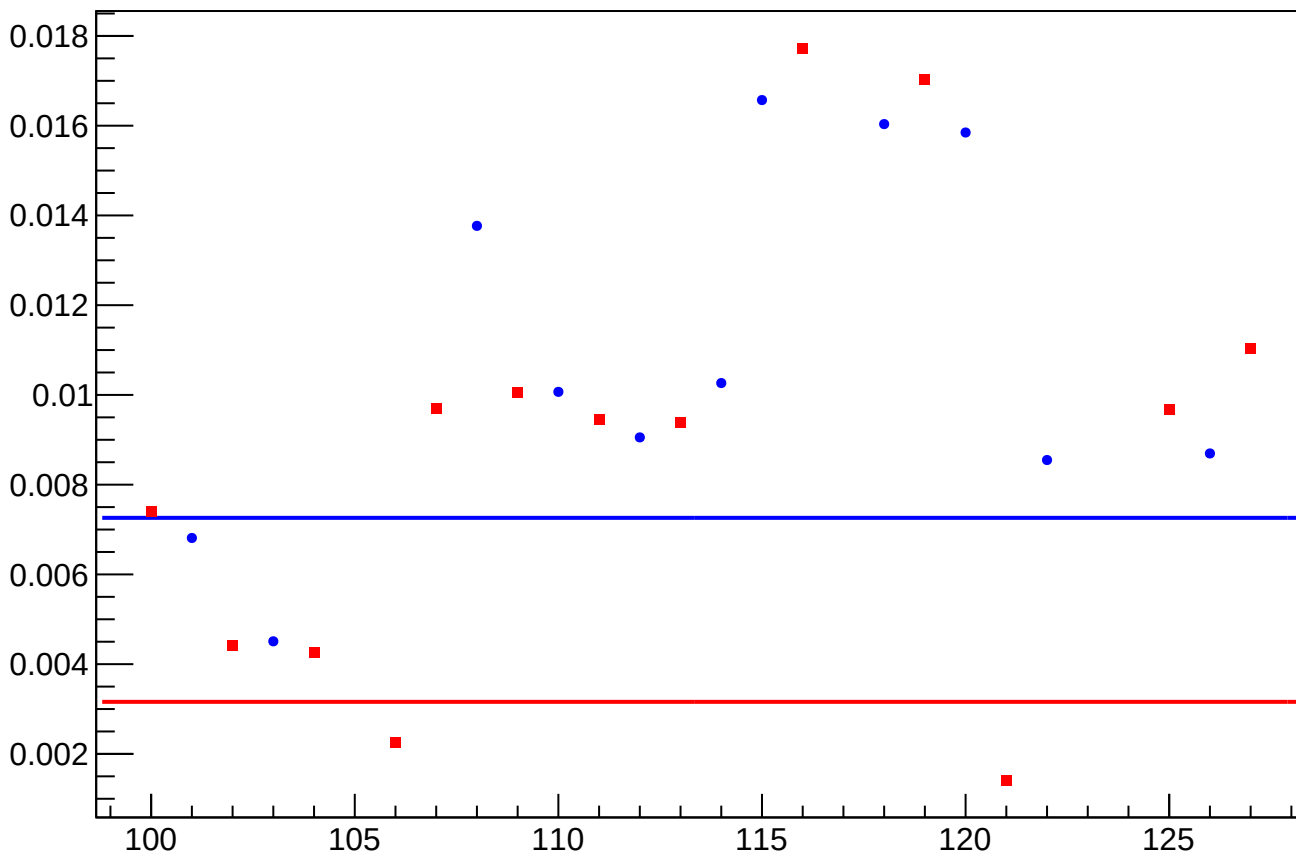
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.7/23

- sign 0.000 $\pm$ 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 : 1406547.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 4520919.6/12

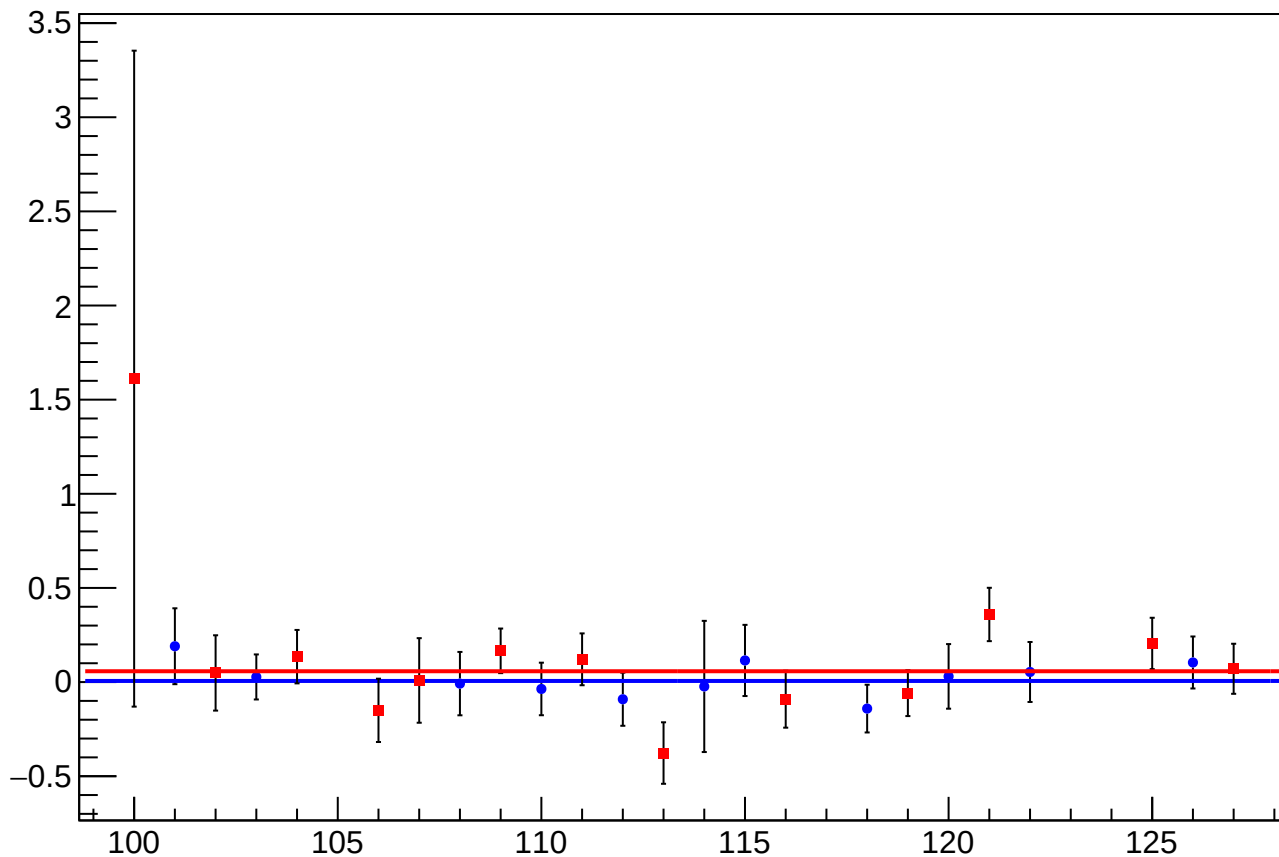
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 7836595.6/23

- 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: 0.006+/-0.047 χ^2/NDF : 3.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.058+/-0.042 χ^2/NDF : 18.4/12

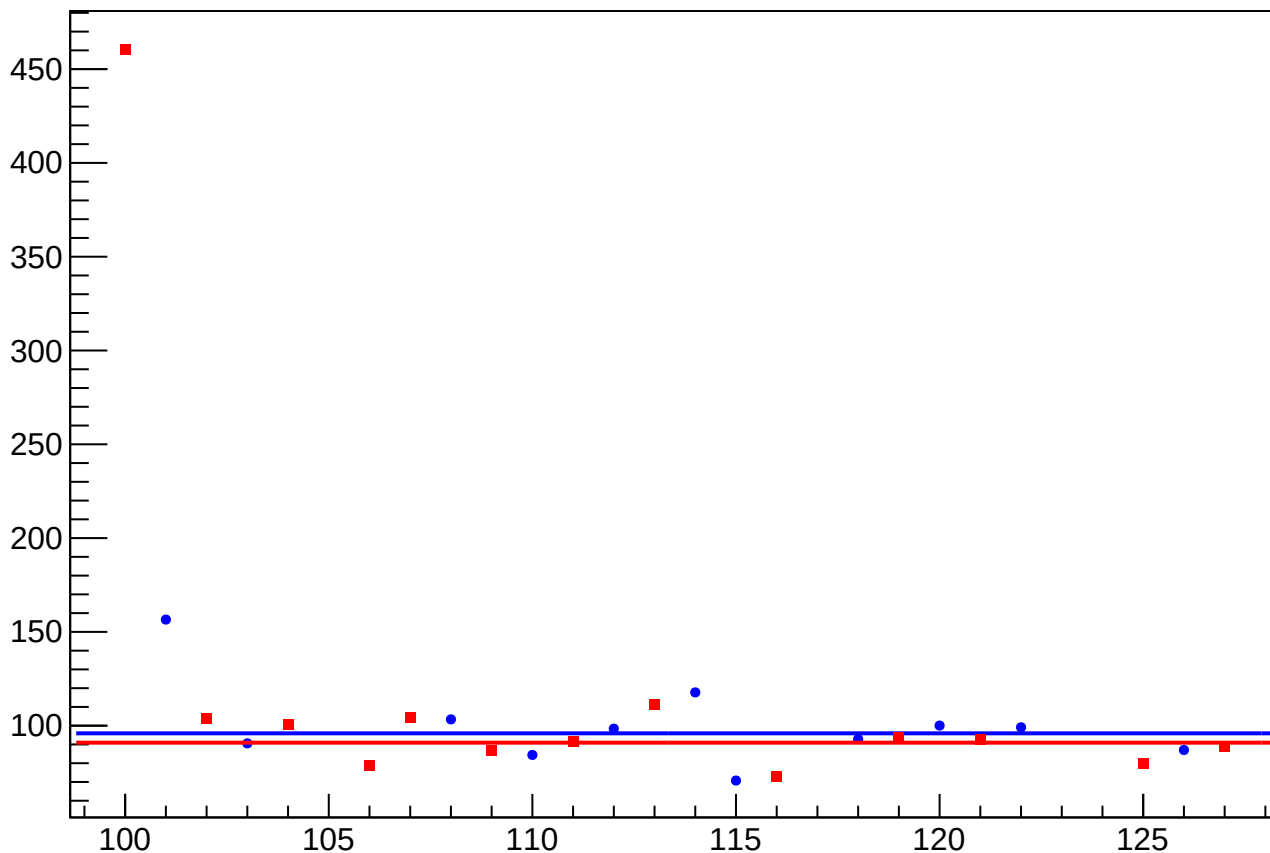
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.034+/-0.031 χ^2/NDF : 22.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 95.924 $\pm$ 0.033 χ^2 /NDF: 257947.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 90.957 $\pm$ 0.030 χ^2 /NDF: 201031.9/12

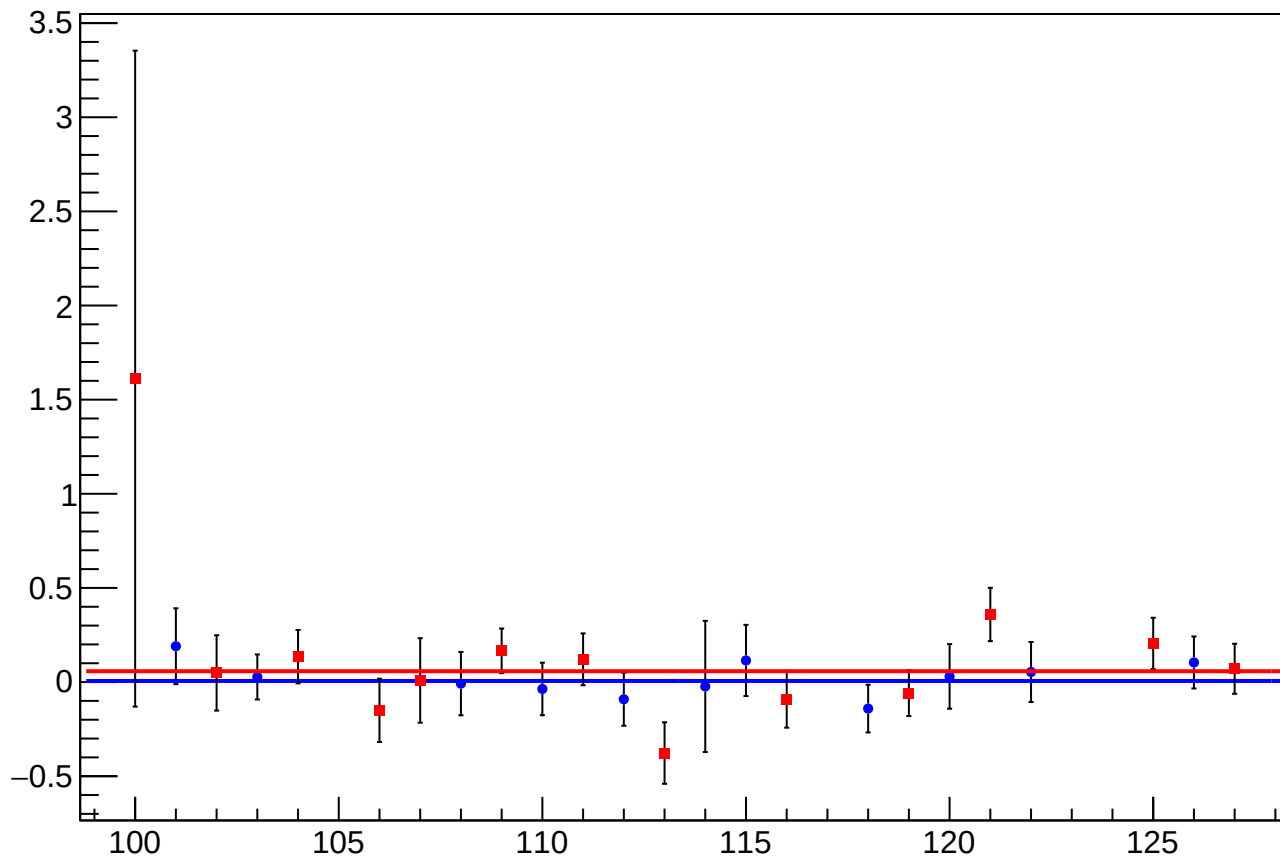
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 93.179 $\pm$ 0.022 χ^2 /NDF: 471407.1/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.006 $\pm$ 0.047 χ^2 /NDF: 3.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.058 $\pm$ 0.042 χ^2 /NDF: 18.4/12

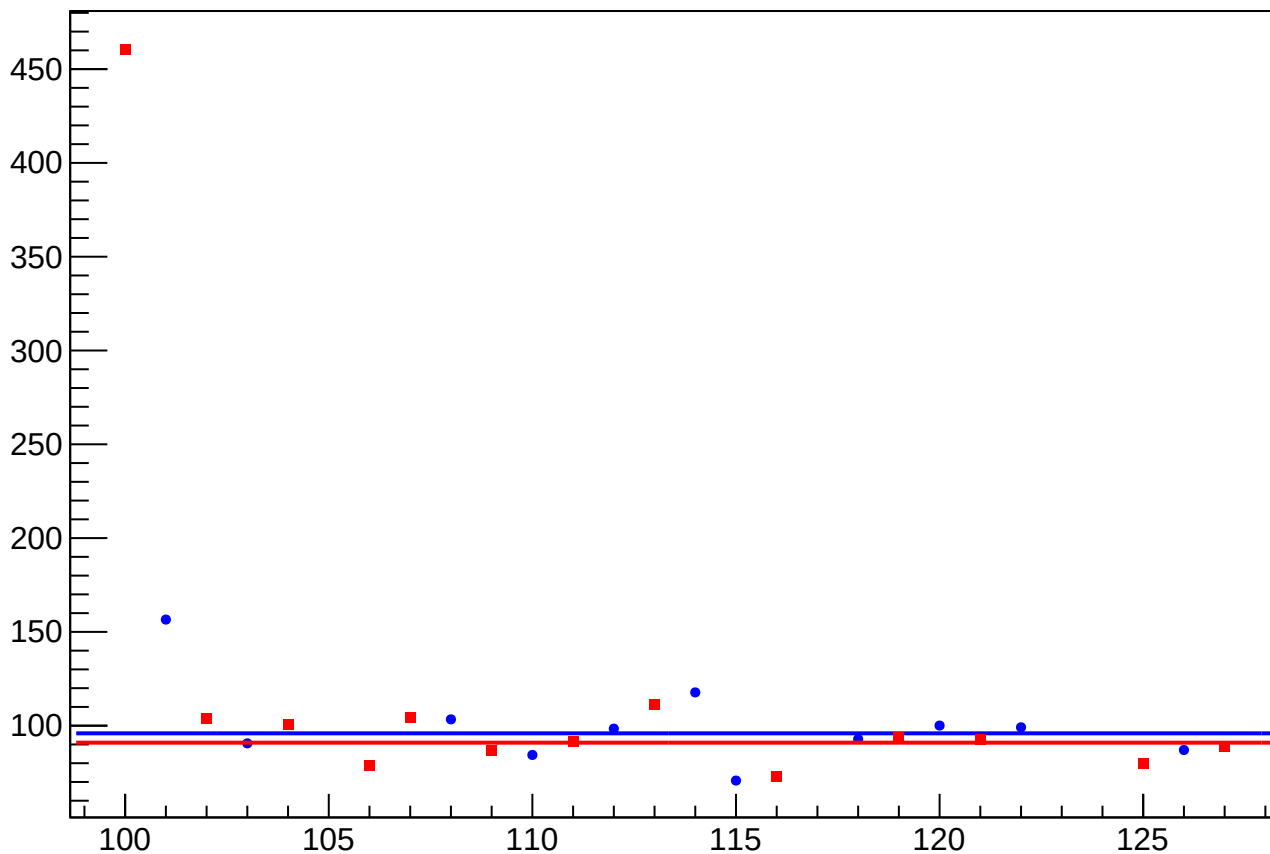
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.034 $\pm$ 0.031 χ^2 /NDF: 22.8/23

- 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: 95.924 $\pm$ 0.033 χ^2 /NDF: 257947.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 90.957 $\pm$ 0.030 χ^2 /NDF: 201031.9/12

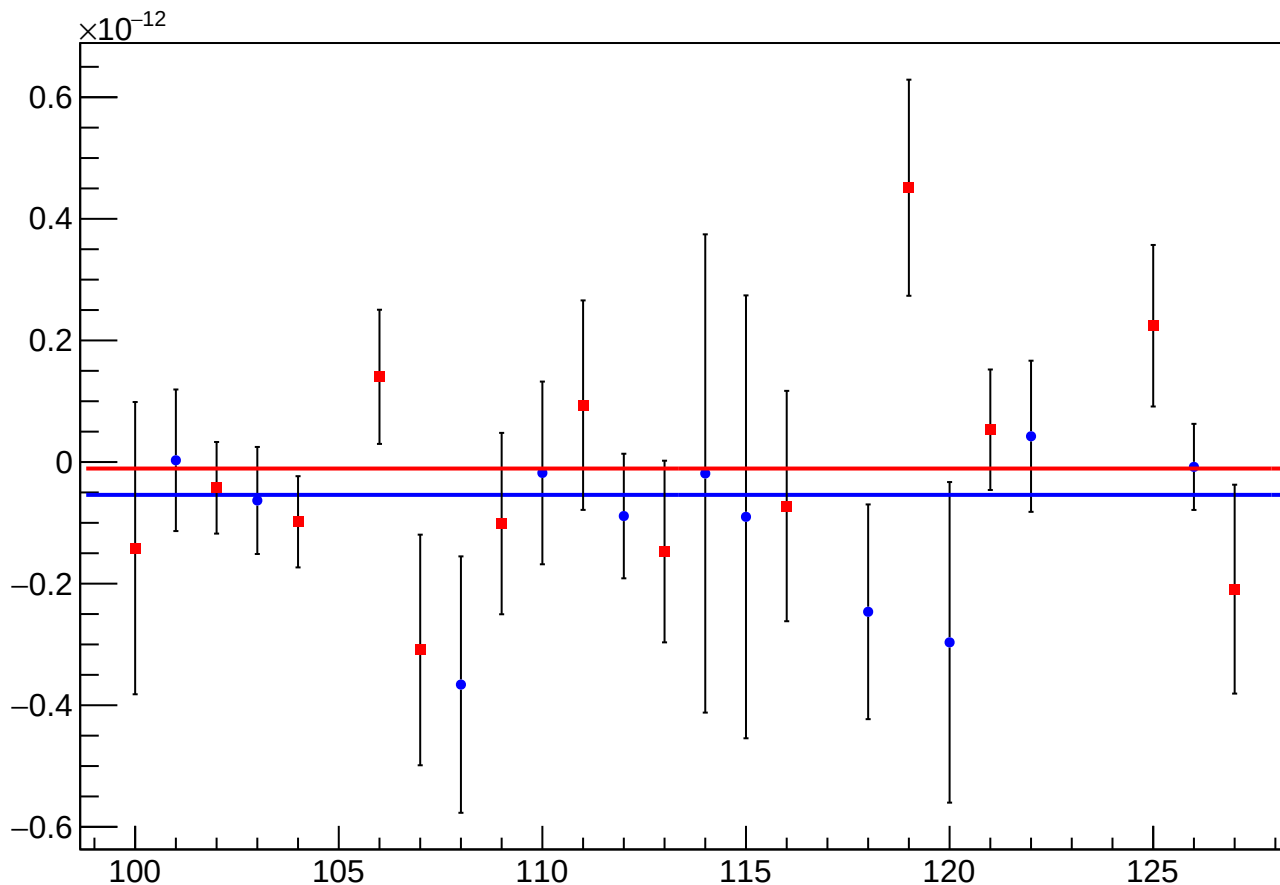
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 93.179 $\pm$ 0.022 χ^2 /NDF: 471407.1/23

- 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 : 5.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 19.5/12

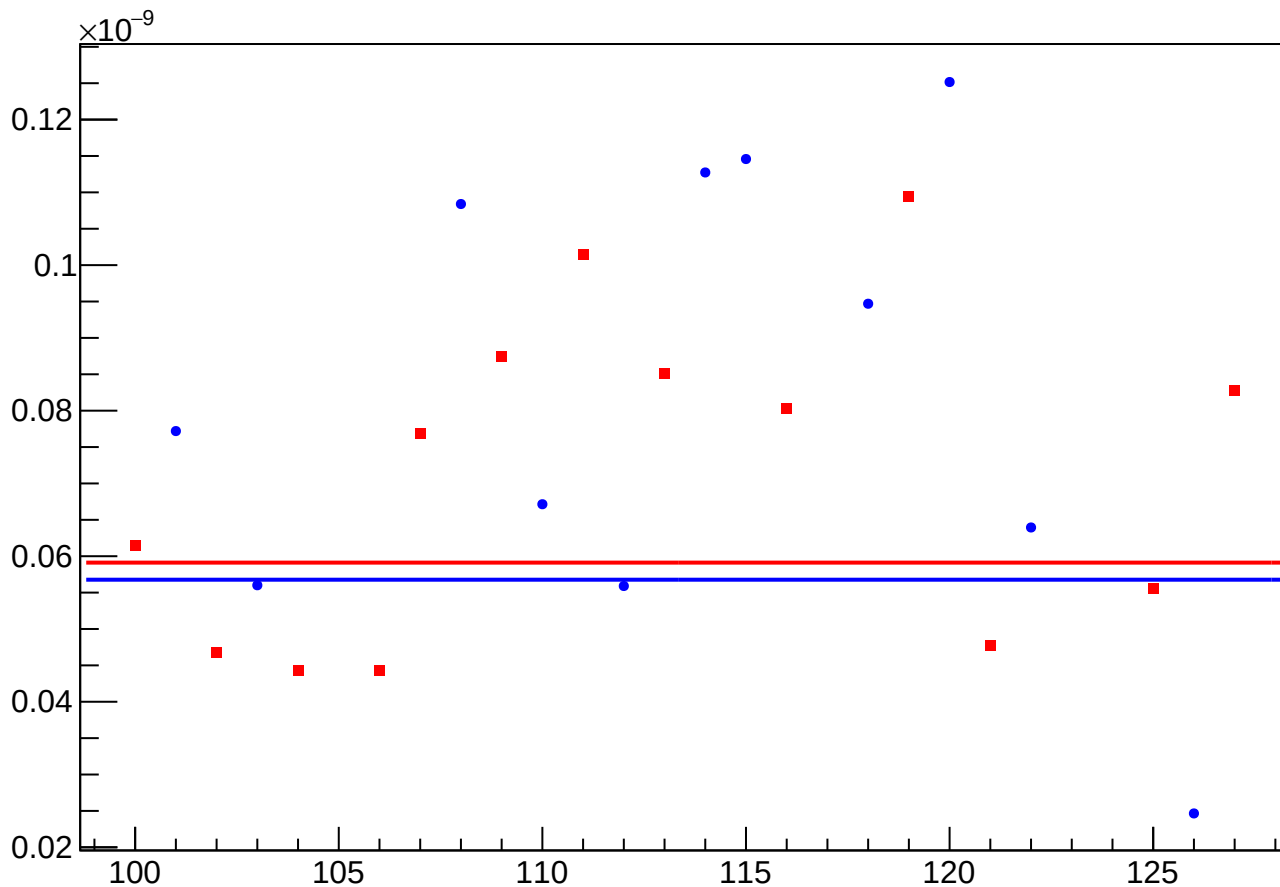
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.9/23

- 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 : 927390.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 690778.1/12

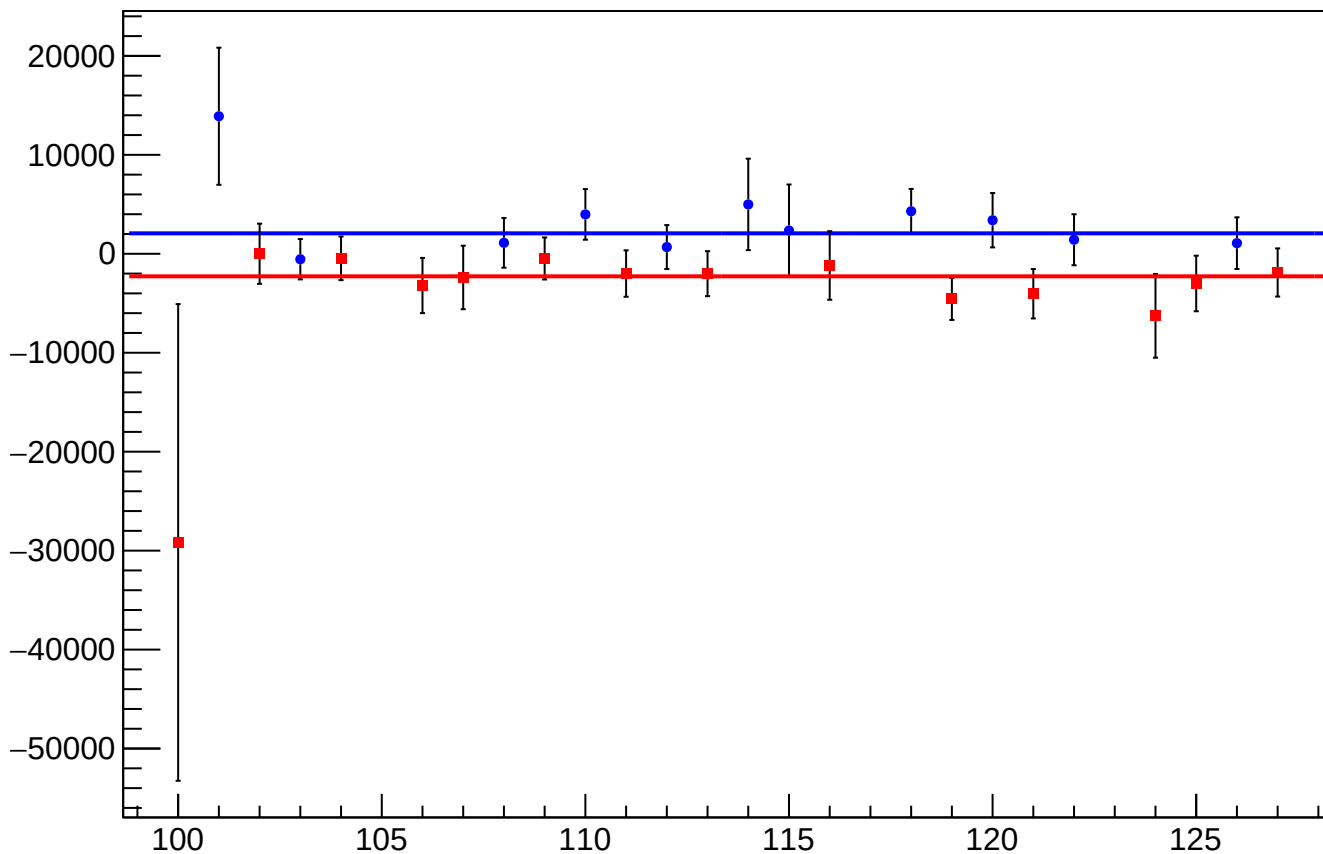
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1622381.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_avg_mean vs Slug



Right In: 2067.856+/-817.918 χ^2 /NDF: 7.5/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2276.242+/-715.296 χ^2 /NDF: 6.1/13

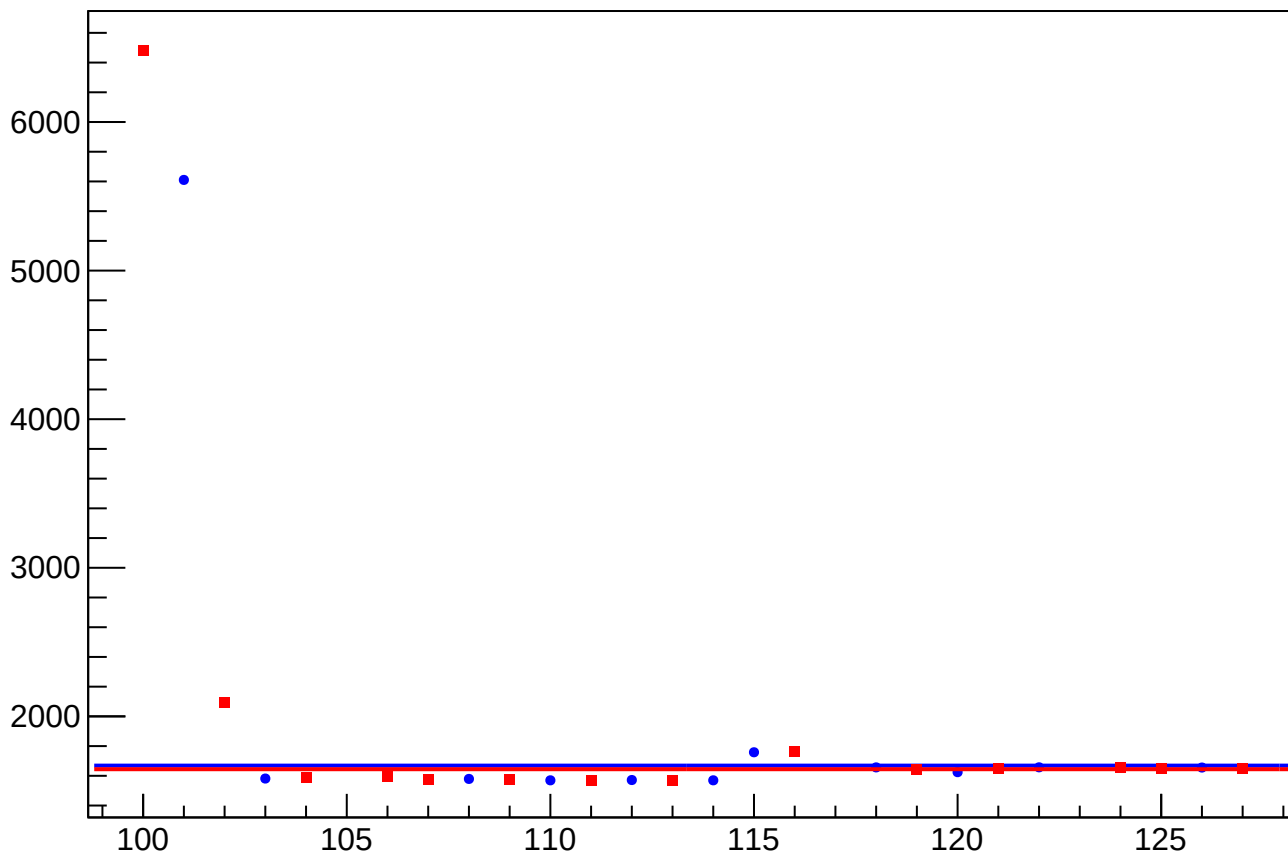
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -393.659+/-538.440 χ^2 /NDF: 29.6/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr1_avg_rms vs Slug



Right In: 1668.588+/-0.578 χ^2/NDF : 662554.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

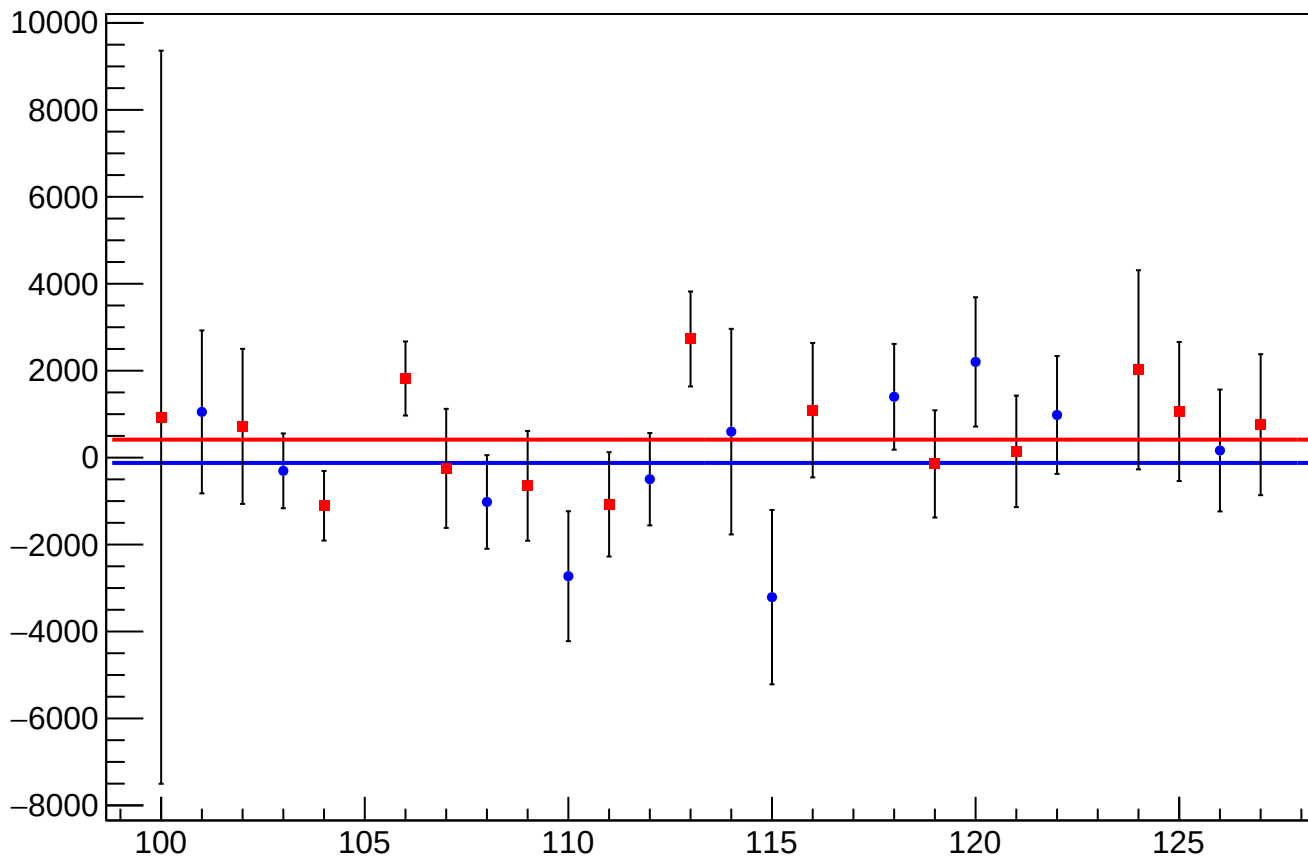
Right Out: 1644.441+/-0.506 χ^2/NDF : 136387.4/13

All: 1654.905+/-0.381 χ^2/NDF : 799930.0/24

- 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_atr1_avg_reg_correction_mean vs Slug



Right In: -121.758+/-394.087 χ^2 /NDF: 11.5/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 414.101+/-340.965 χ^2 /NDF: 14.5/13

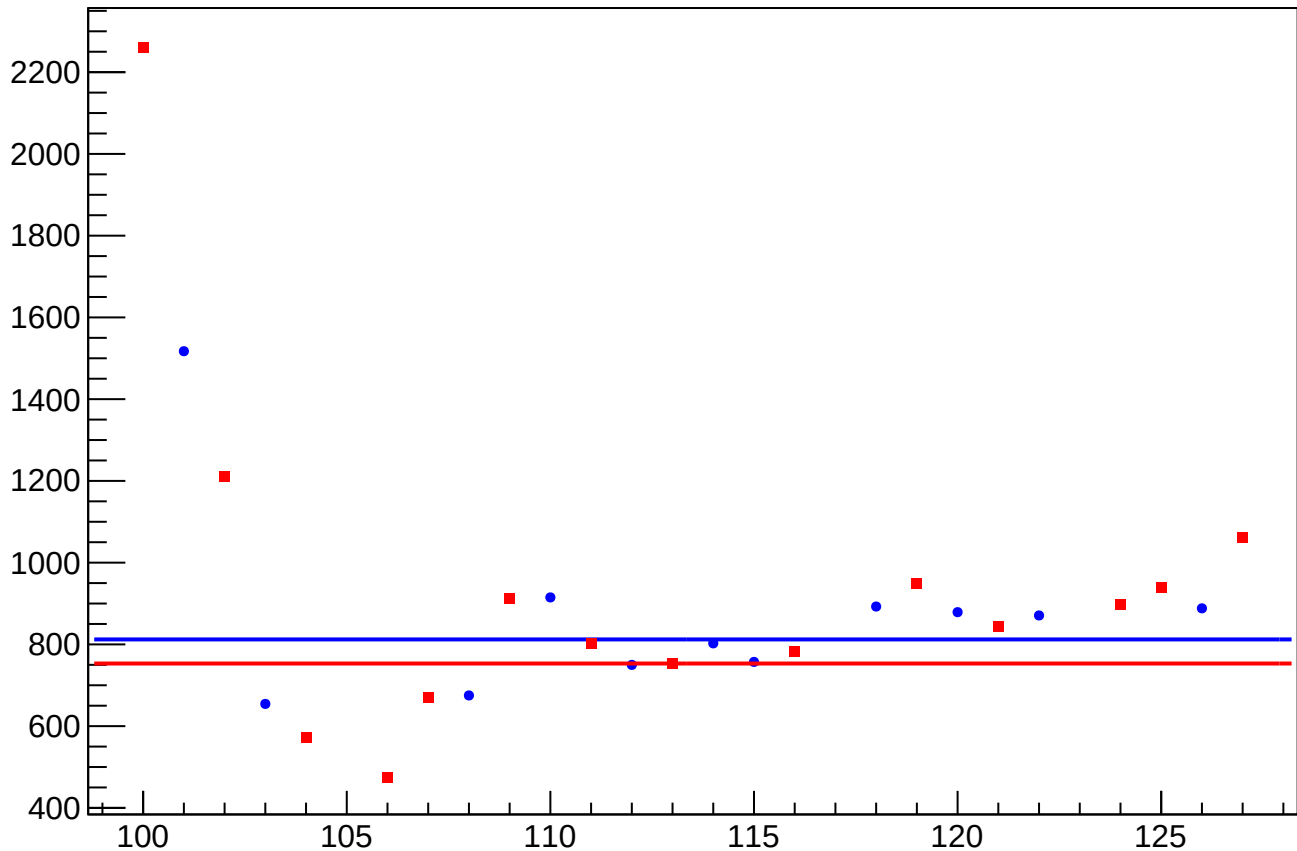
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 184.696+/-257.850 χ^2 /NDF: 27.0/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_reg_correction_rms vs Slug



Right In: 812.169+/-0.279 χ^2/NDF : 422920.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 753.220+/-0.241 χ^2/NDF : 723197.7/13

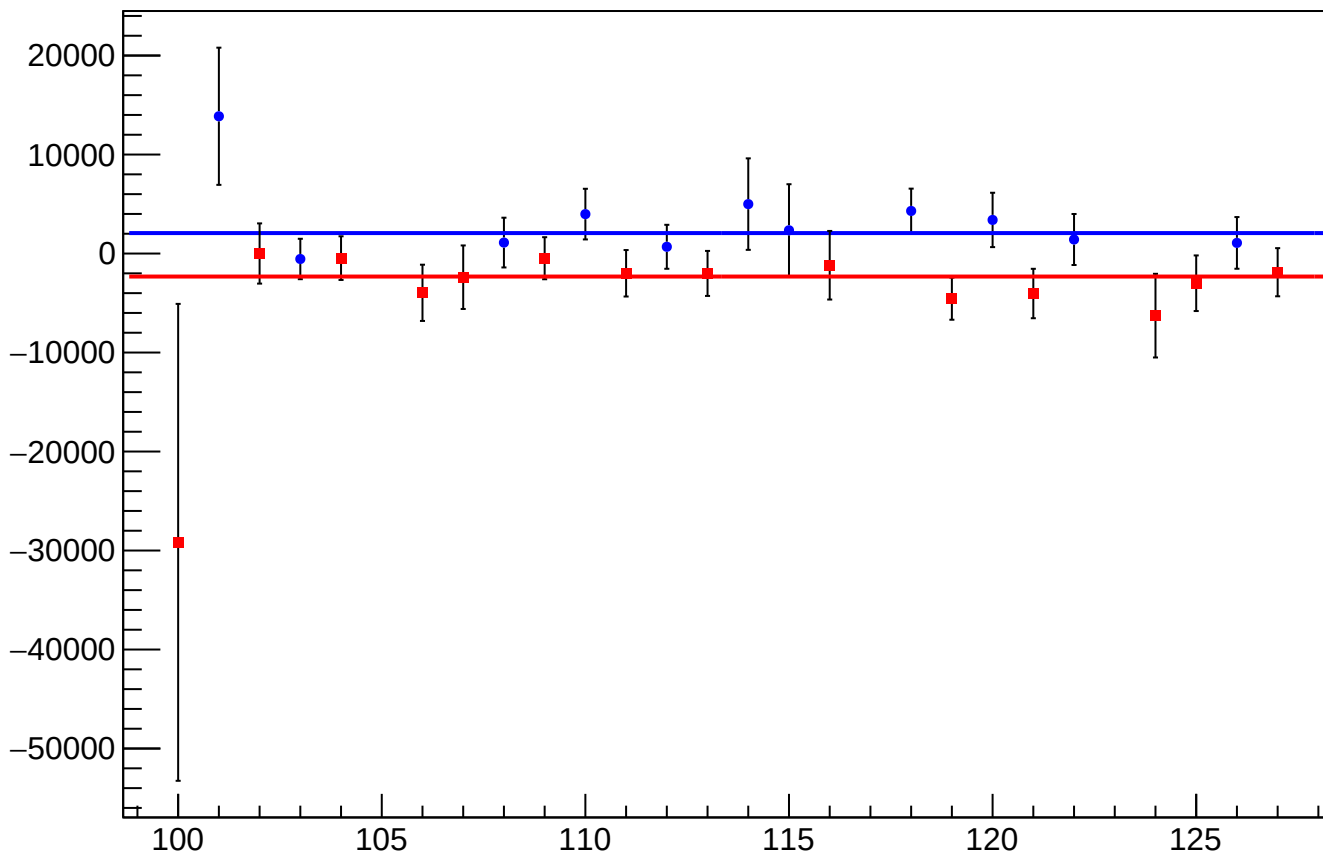
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 778.456+/-0.182 χ^2/NDF : 1171710.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_atr1_avg_mean vs Slug



Right In: 2067.061+/-817.919 χ^2/NDF : 7.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2323.174+/-716.106 χ^2/NDF : 6.3/13

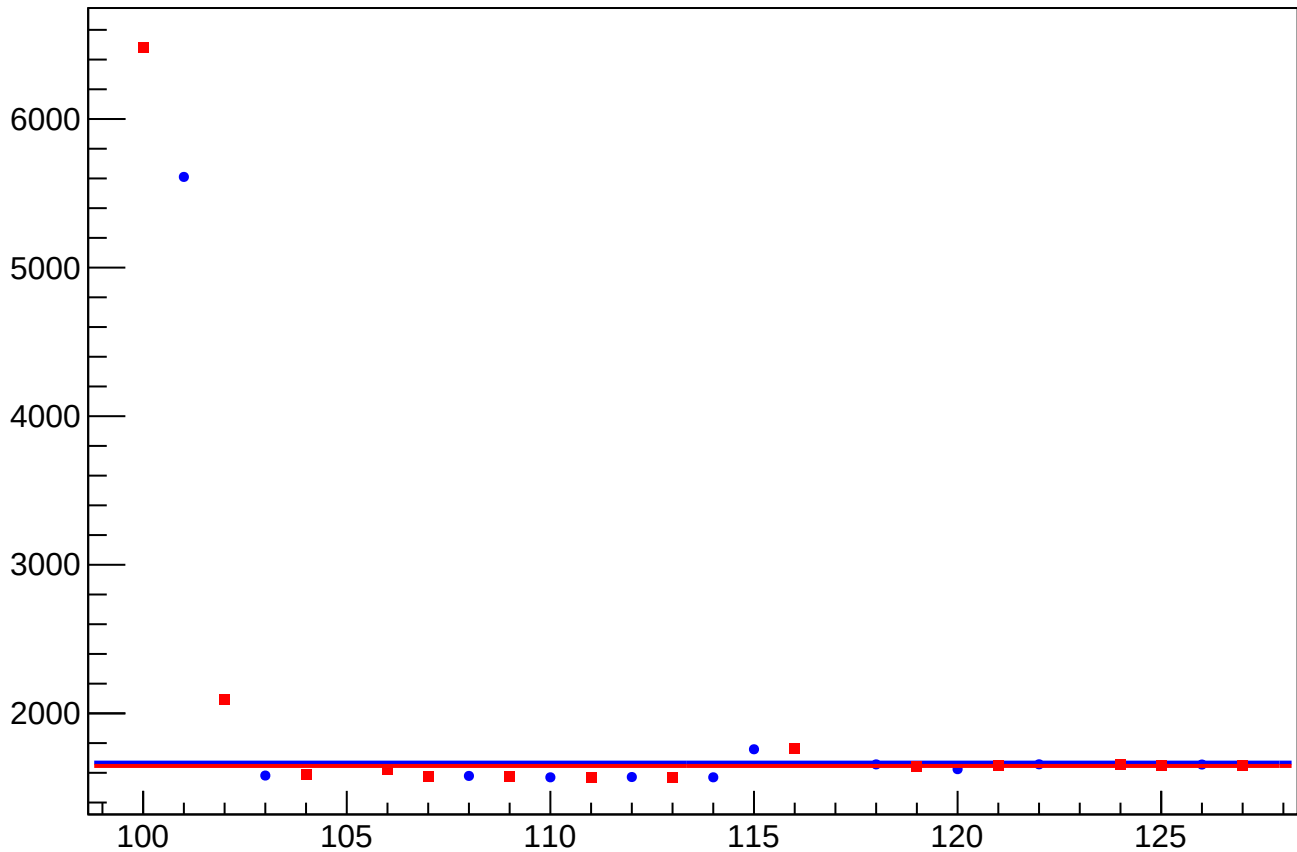
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -418.157+/-538.785 χ^2/NDF : 30.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_atr1_avg_rms vs Slug



Right In: 1668.588+/-0.578 χ^2/NDF : 662554.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1646.240+/-0.506 χ^2/NDF : 135855.0/13

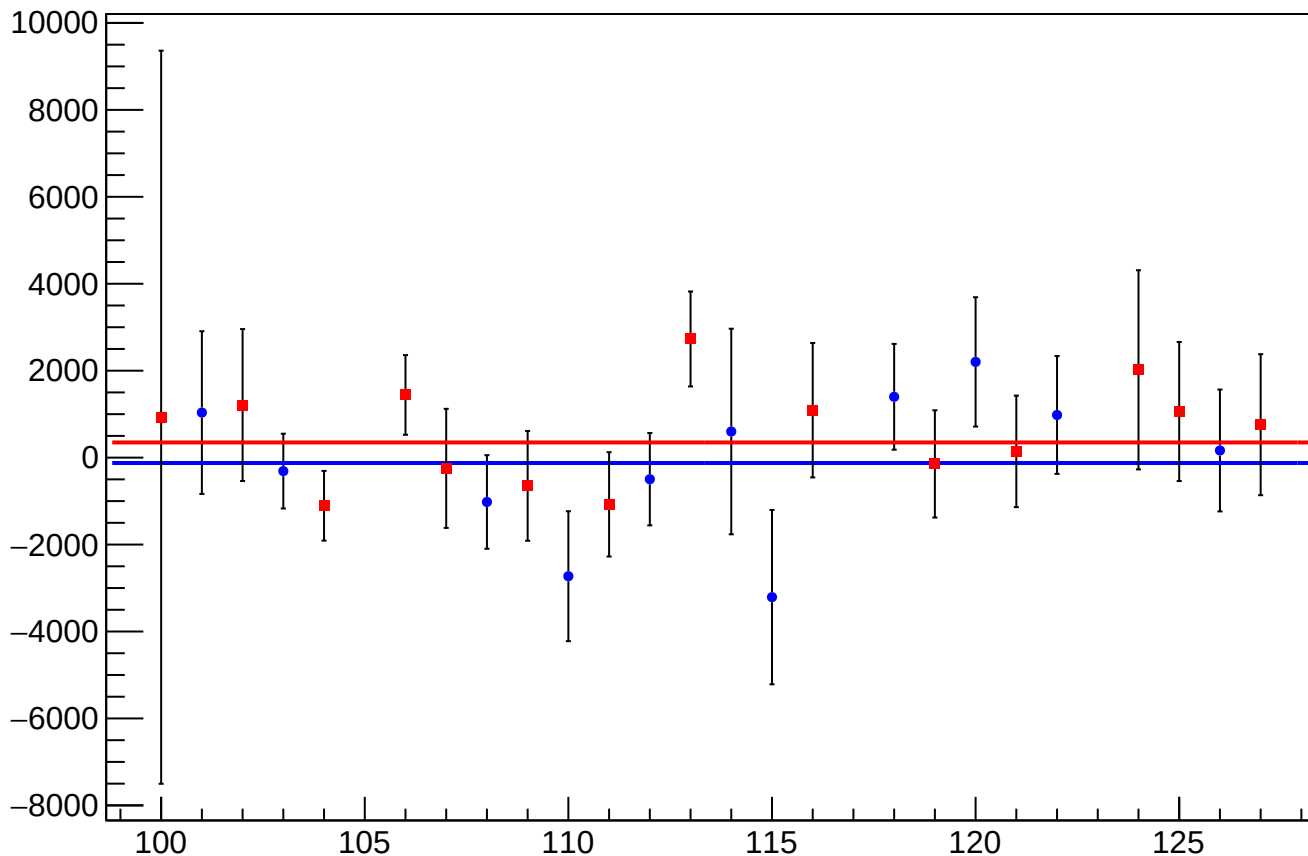
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1655.937+/-0.381 χ^2/NDF : 799254.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_cor_correction_mean vs Slug



Right In: -123.590+/-394.018 χ^2 /NDF: 11.5/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 349.197+/-344.559 χ^2 /NDF: 13.1/13

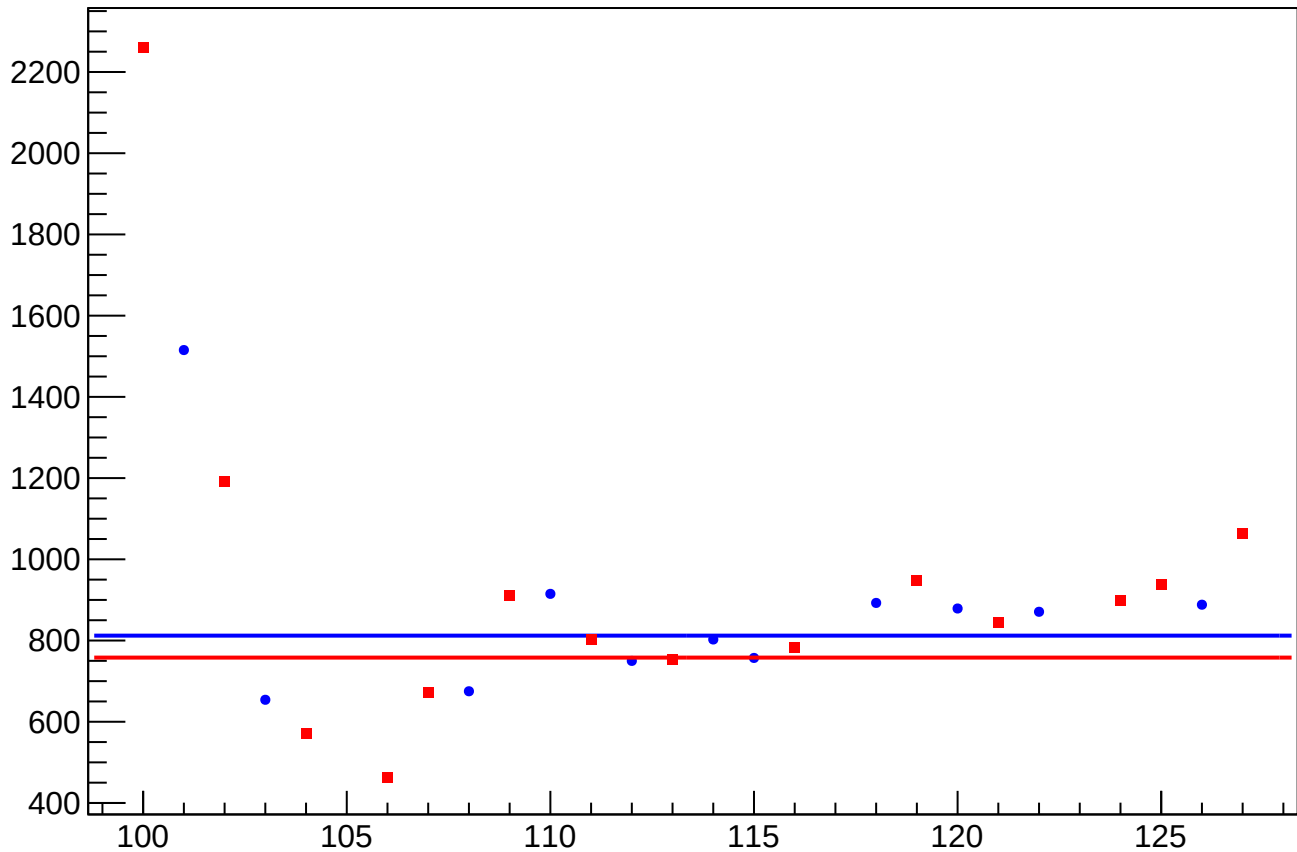
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 144.323+/-259.374 χ^2 /NDF: 25.4/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_cor_correction_rms vs Slug



Right In: 812.065+/-0.279 χ^2/NDF : 422434.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

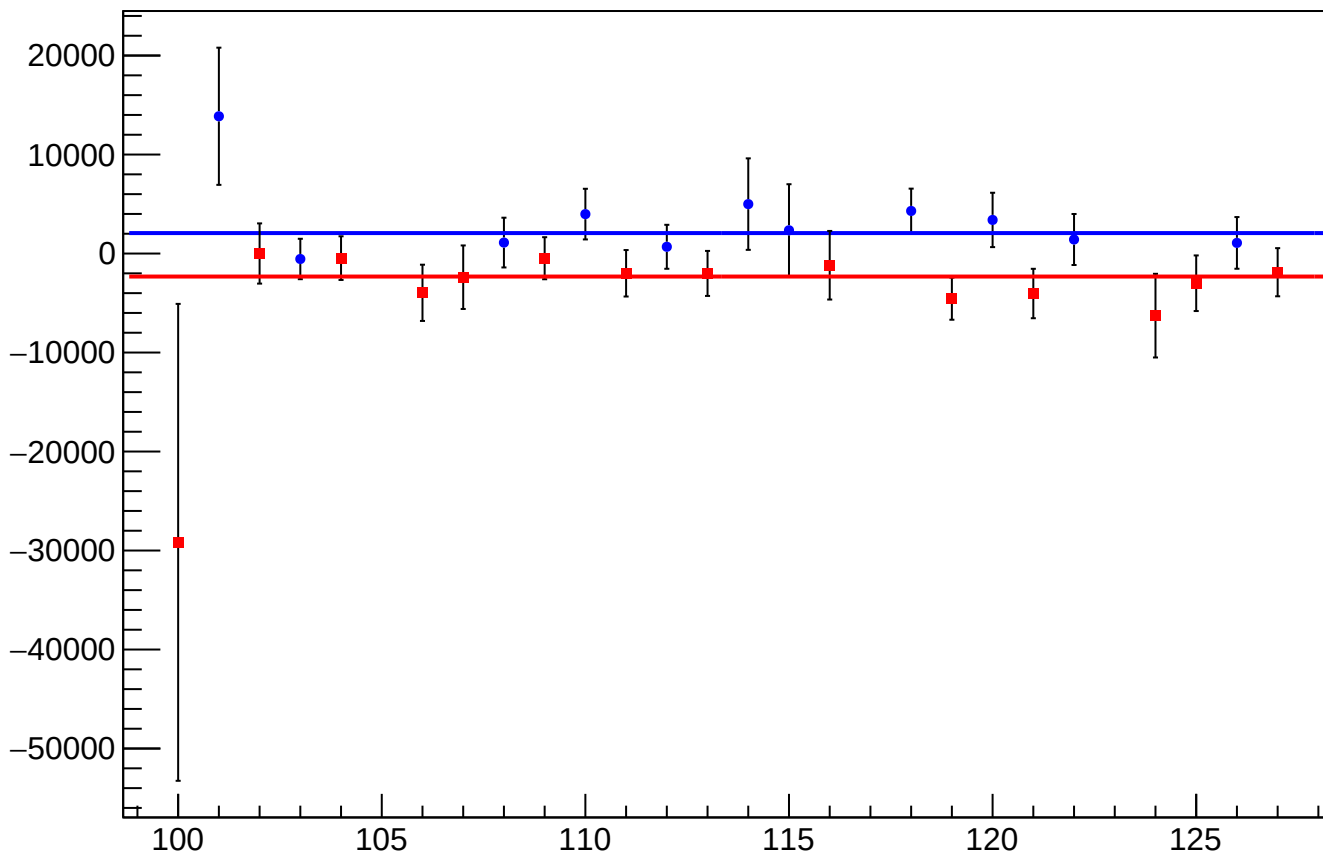
Right Out: 757.994+/-0.244 χ^2/NDF : 702511.1/13

All: 781.425+/-0.183 χ^2/NDF : 1146289.2/24

- 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_usr_atr1_avg_mean vs Slug



Right In: 2067.061±/-817.919 χ^2/NDF : 7.5/10

Left Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

Right Out: -2323.174±/-716.106 χ^2/NDF : 6.3/13

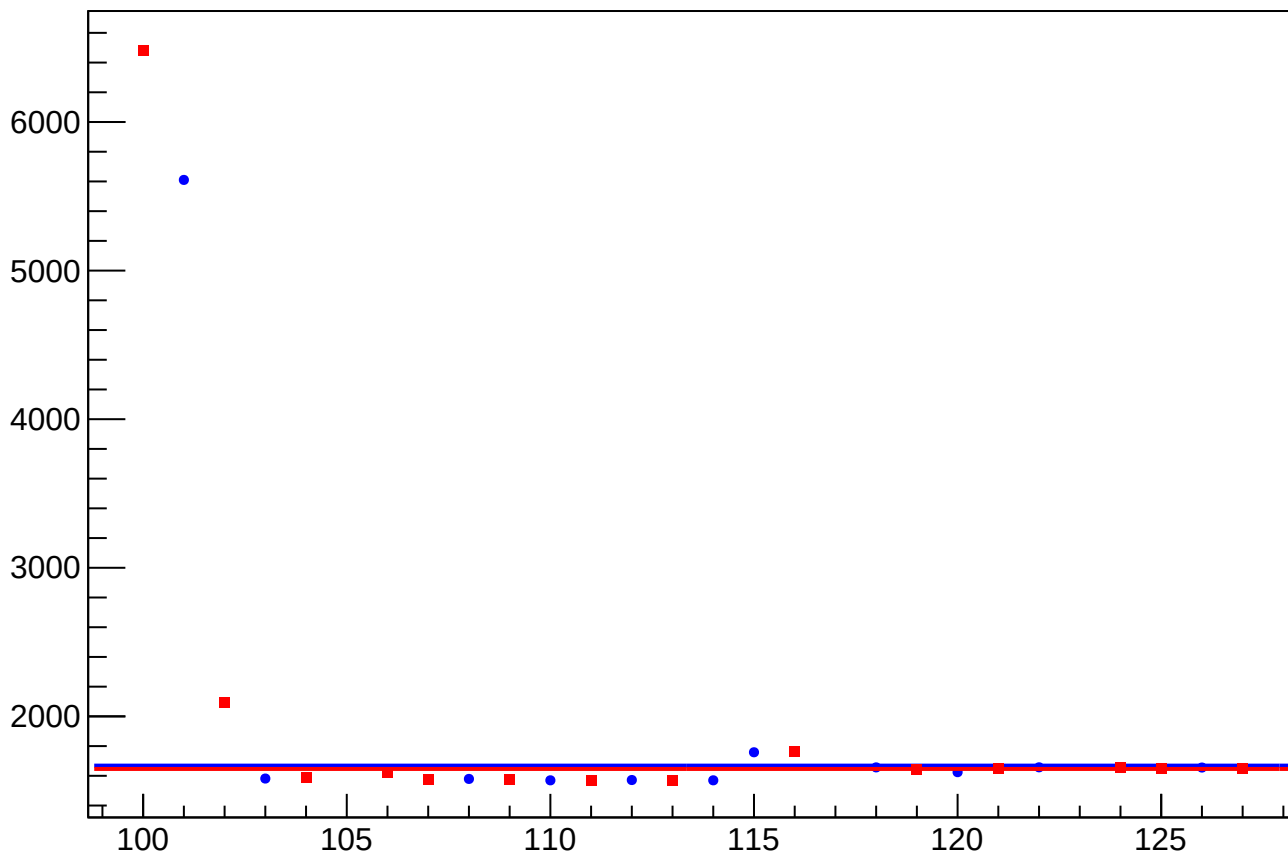
Left In: 0.000±/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000±/-0.000 χ^2/NDF : 0.0/0

All: -418.157±/-538.785 χ^2/NDF : 30.1/24

- sign 0.000±/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_atr1_avg_rms vs Slug



Right In: 1668.588+/-0.578 χ^2/NDF : 662554.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1646.240+/-0.506 χ^2/NDF : 135855.0/13

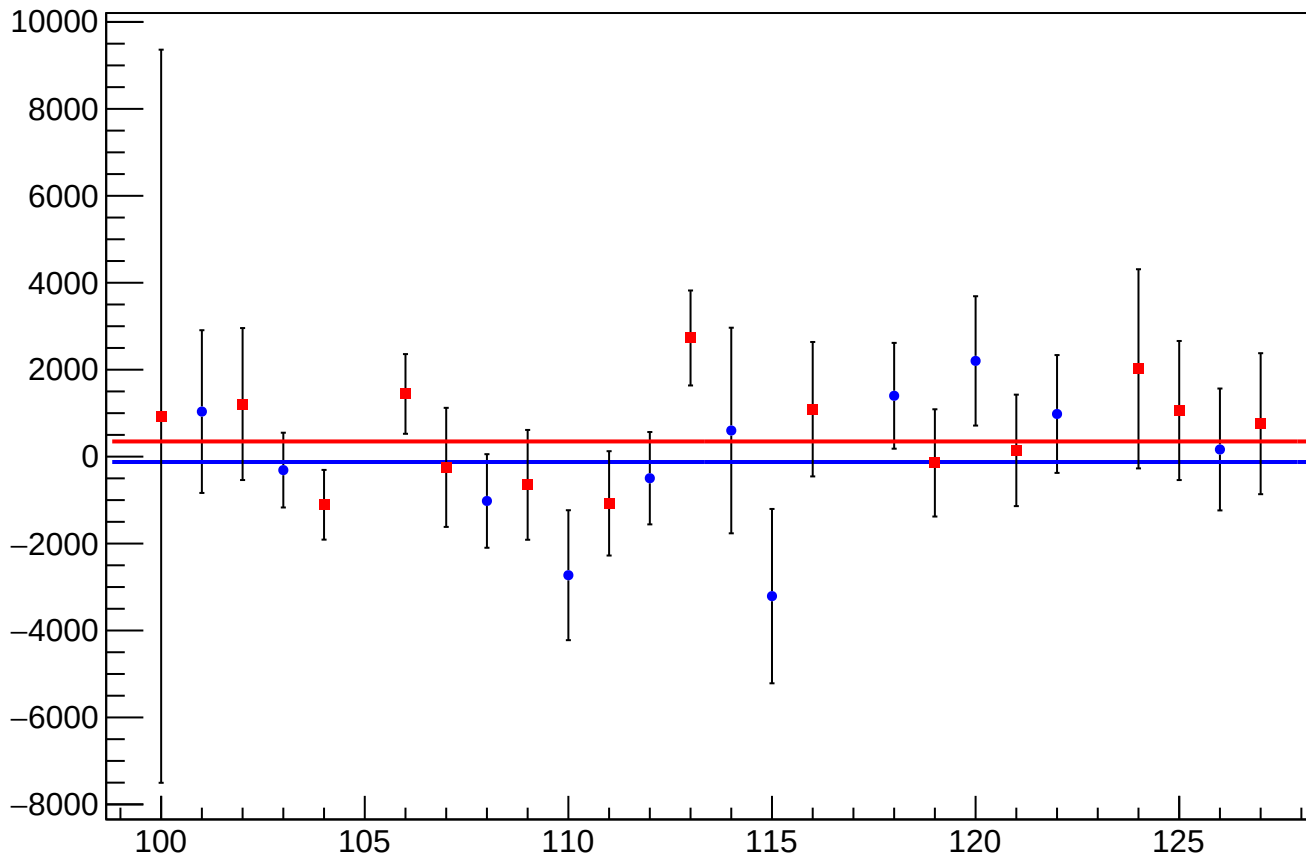
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1655.937+/-0.381 χ^2/NDF : 799254.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_cor_correction_mean vs Slug



Right In: -123.590+/-394.018 χ^2/NDF : 11.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 349.197+/-344.559 χ^2/NDF : 13.1/13

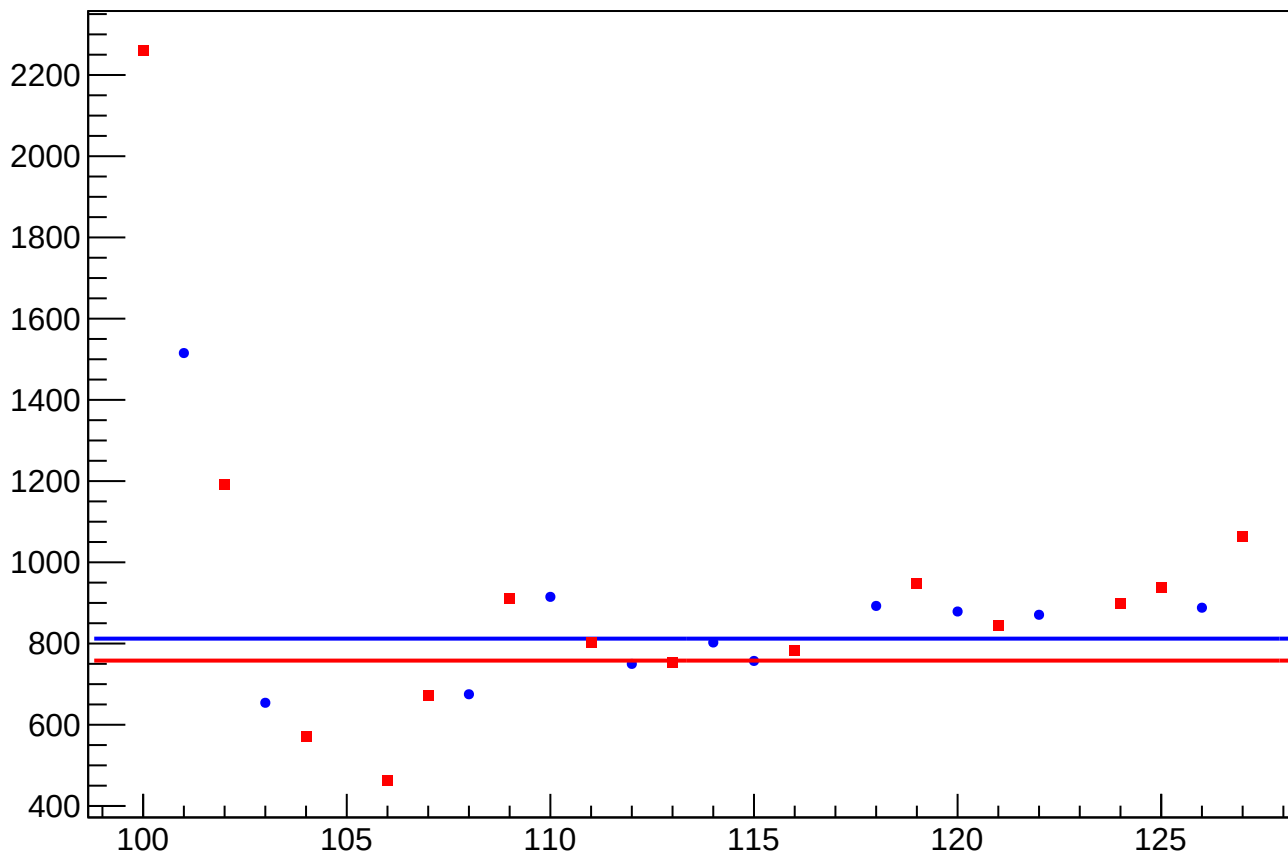
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.323+/-259.374 χ^2/NDF : 25.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_cor_correction_rms vs Slug



Right In: 812.065+/-0.279 χ^2/NDF : 422434.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 757.994+/-0.244 χ^2/NDF : 702511.1/13

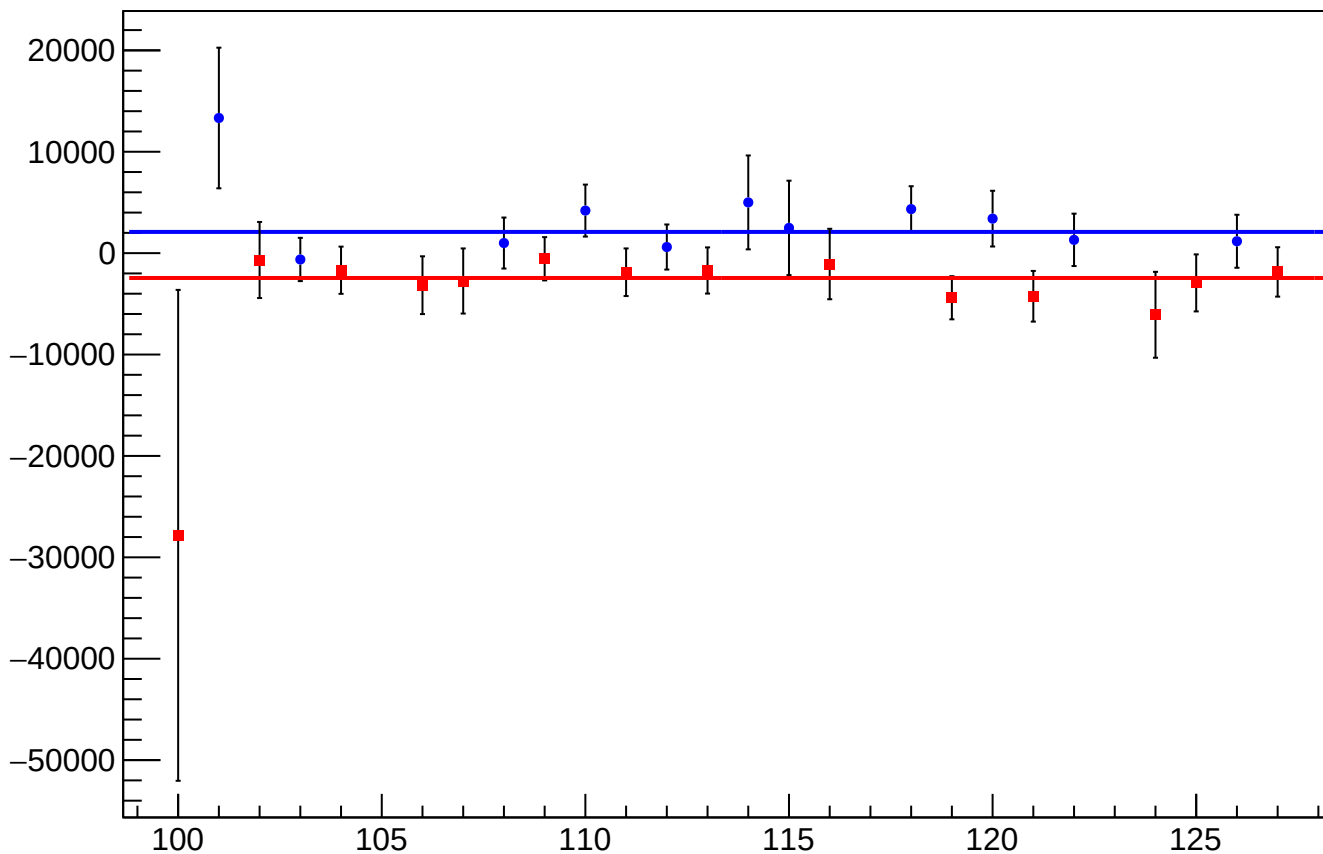
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 781.425+/-0.183 χ^2/NDF : 1146289.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_atr1_avg_mean vs Slug



Right In: 2093.793+/-824.539 χ^2/NDF : 7.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2449.357+/-728.255 χ^2/NDF : 4.8/13

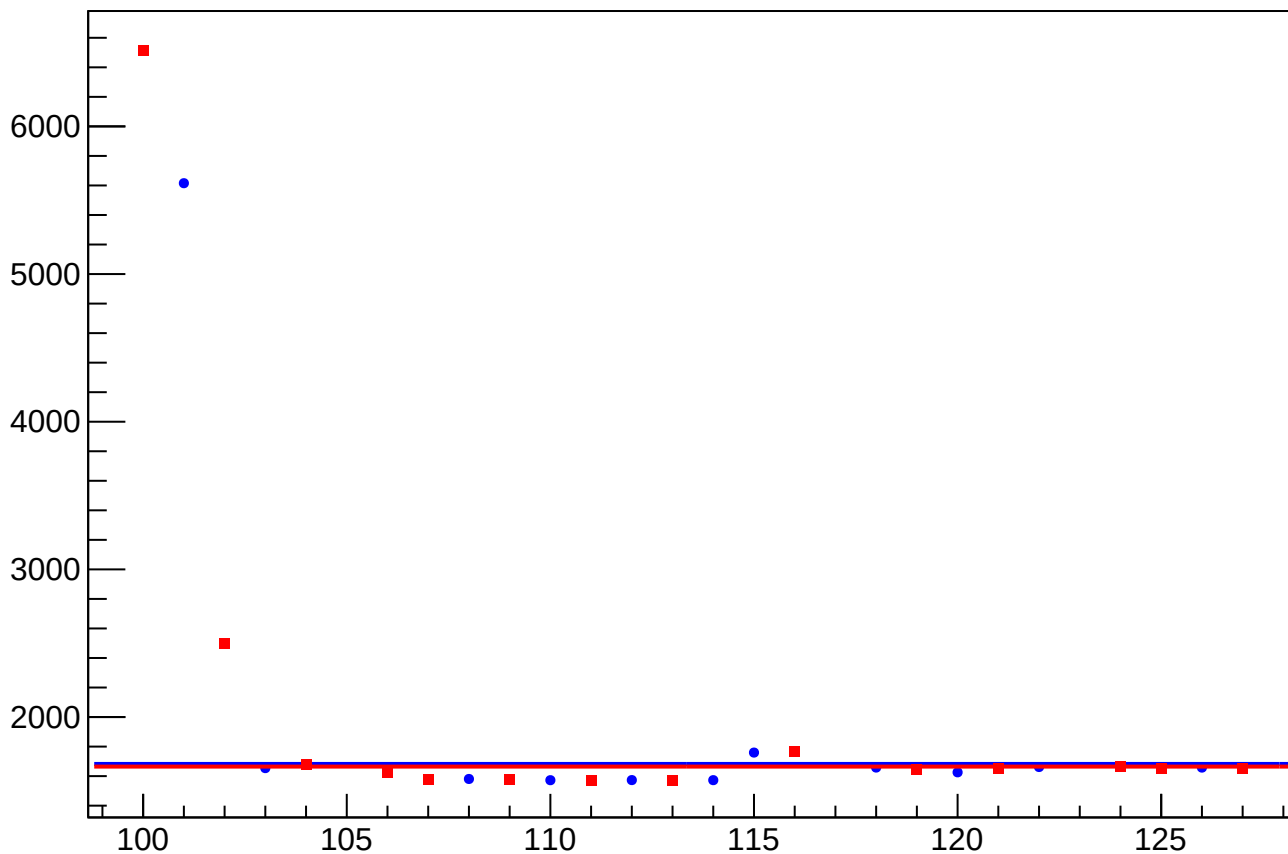
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -458.410+/-545.836 χ^2/NDF : 29.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_atr1_avg_rms vs Slug



Right In: 1682.482+/-0.583 χ^2/NDF : 658418.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1664.531+/-0.515 χ^2/NDF : 192352.8/13

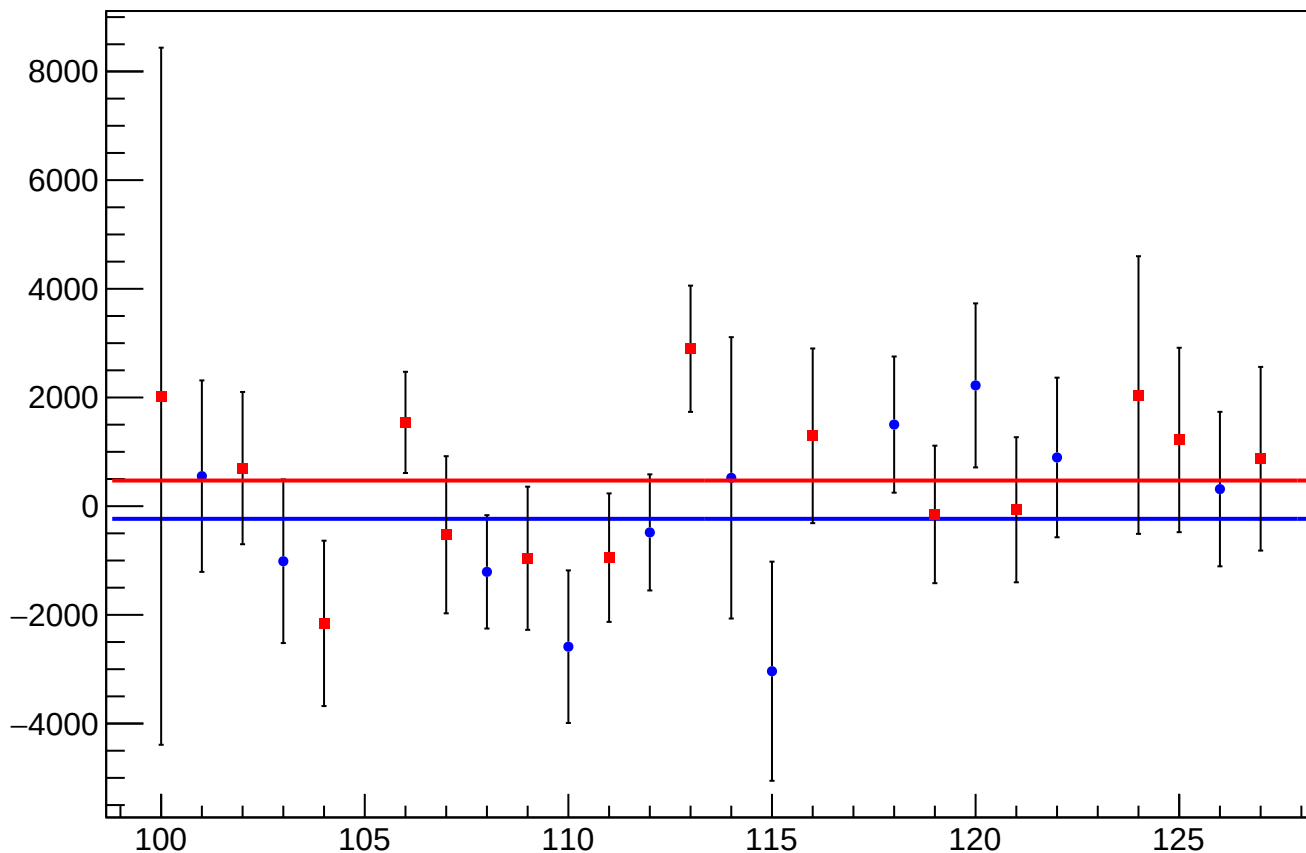
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1672.398+/-0.386 χ^2/NDF : 851303.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_dit_correction_mean vs Slug



Right In: -232.889+/-426.585 χ^2 /NDF: 11.5/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 471.930+/-376.538 χ^2 /NDF: 13.1/13

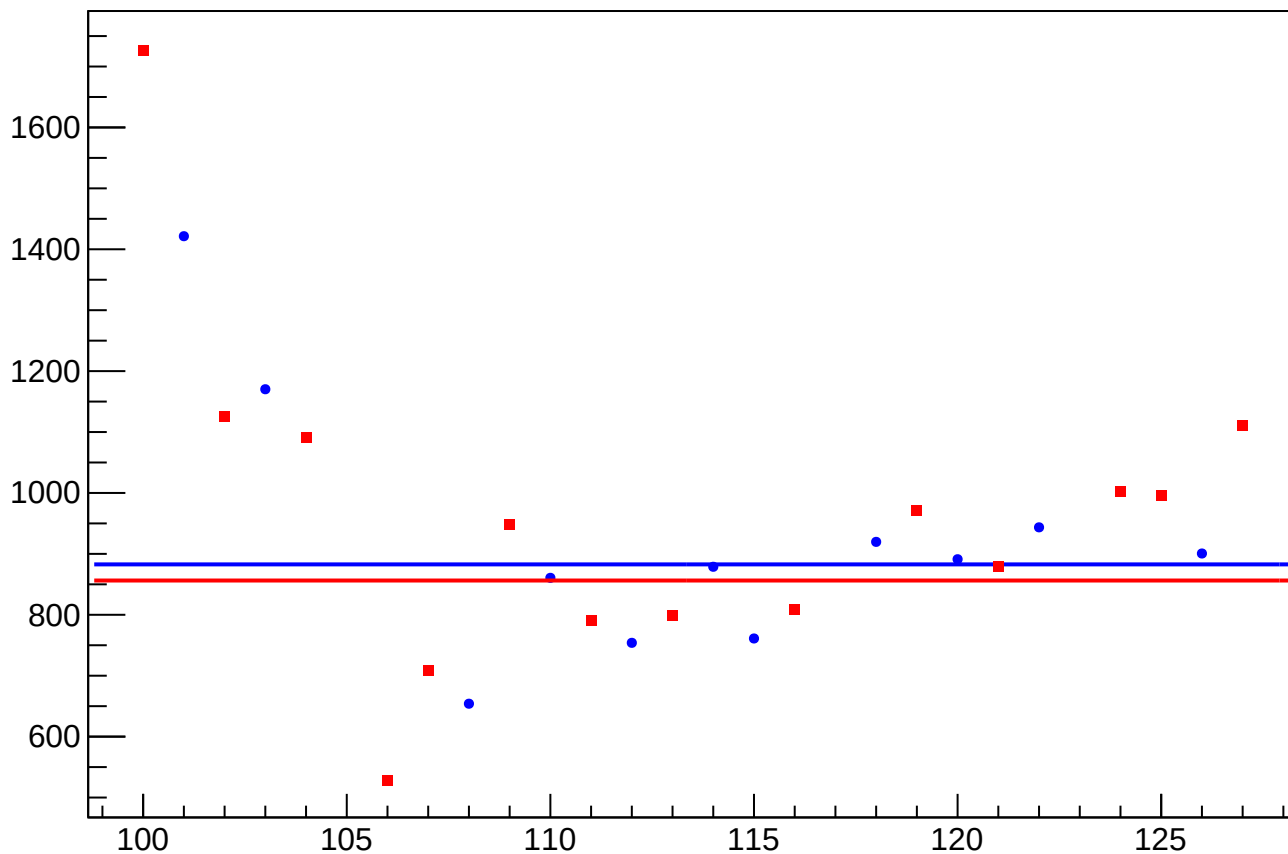
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 163.271+/-282.297 χ^2 /NDF: 26.2/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_dit_correction_rms vs Slug



Right In: 882.741+/-0.302 χ^2/NDF : 398479.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 856.265+/-0.266 χ^2/NDF : 532368.4/13

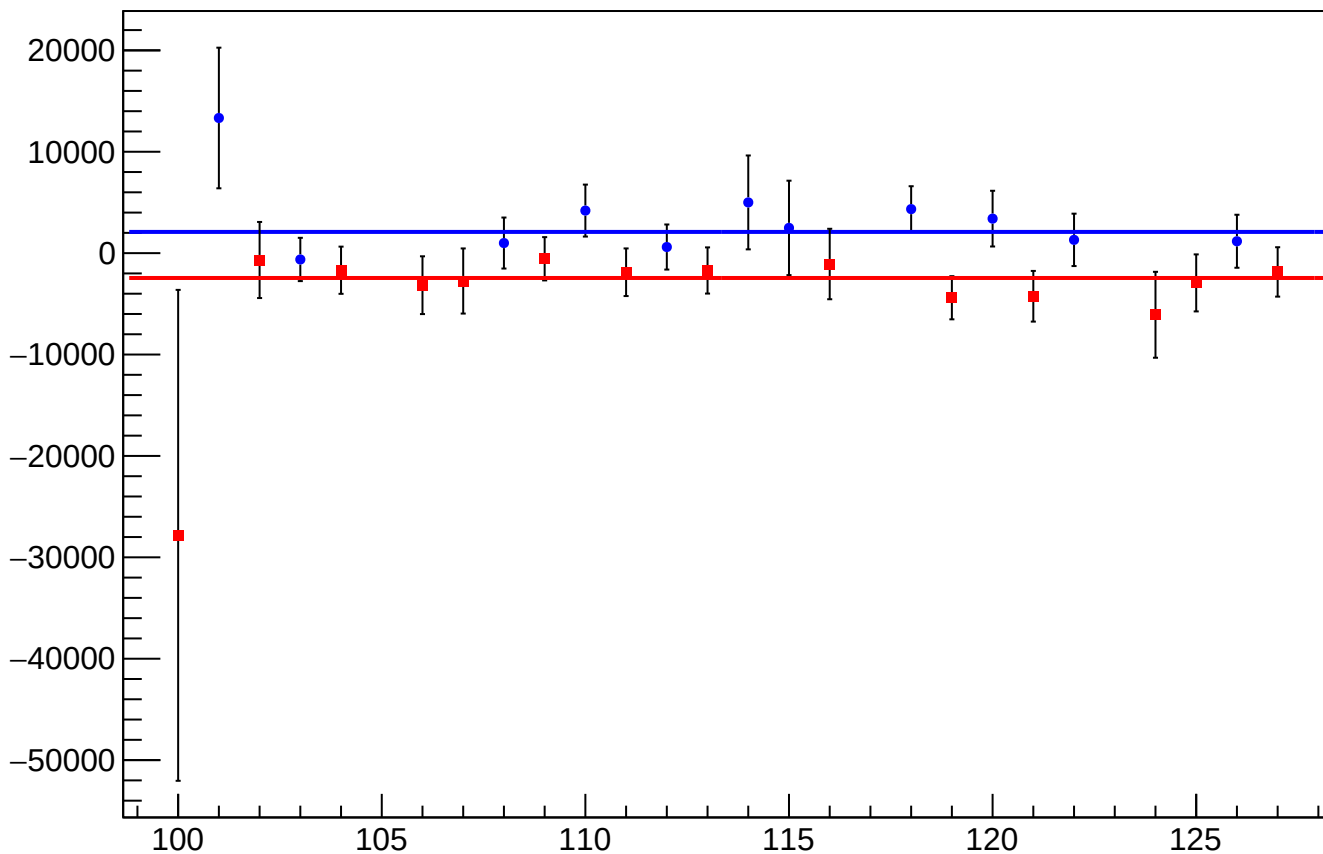
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 867.860+/-0.200 χ^2/NDF : 935177.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr1_avg_mean vs Slug



Right In: 2093.792 $\pm$ 824.539 χ^2 /NDF: 7.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2449.357 $\pm$ 728.255 χ^2 /NDF: 4.8/13

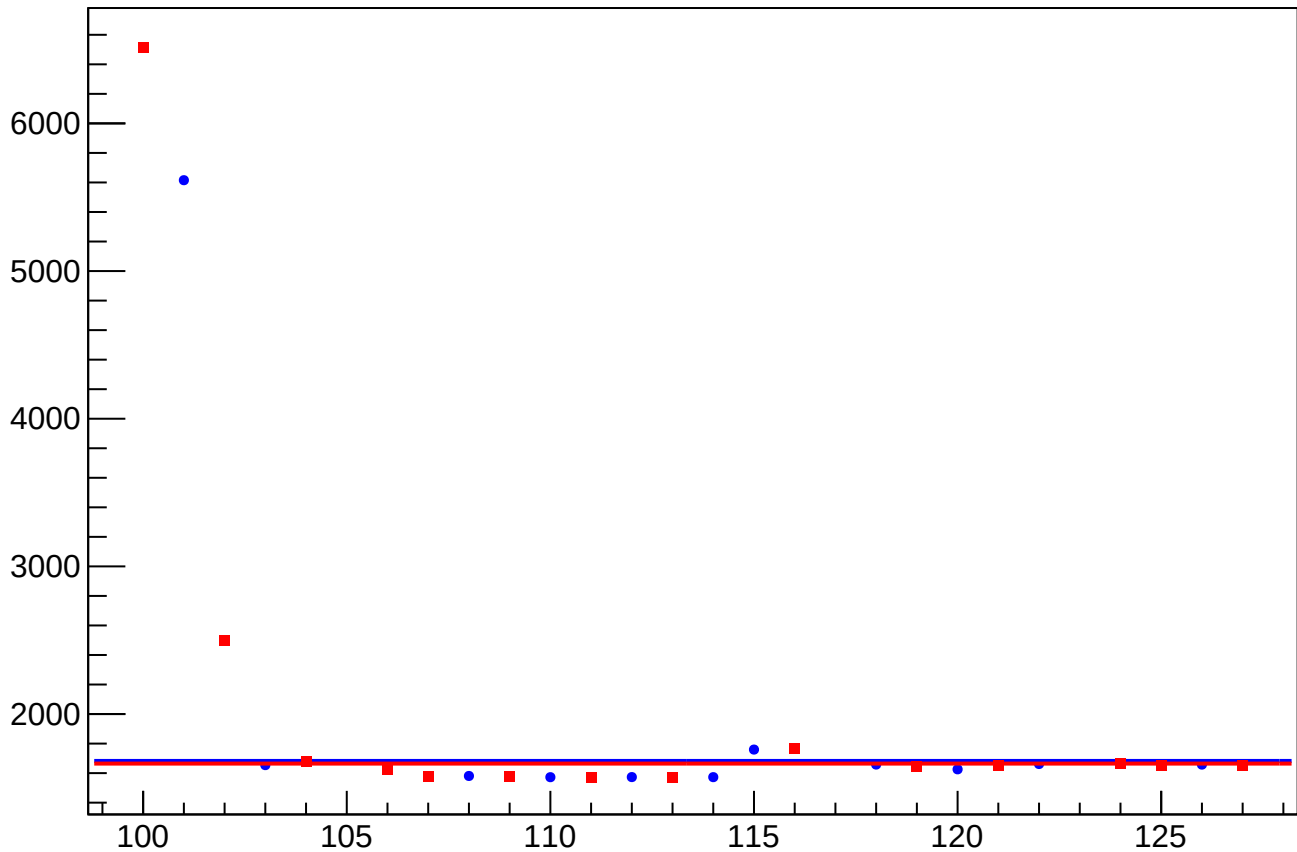
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -458.411 $\pm$ 545.836 χ^2 /NDF: 29.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_usr_atr1_avg_rms vs Slug



Right In: 1682.482+/-0.583 χ^2/NDF : 658418.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1664.531+/-0.515 χ^2/NDF : 192352.6/13

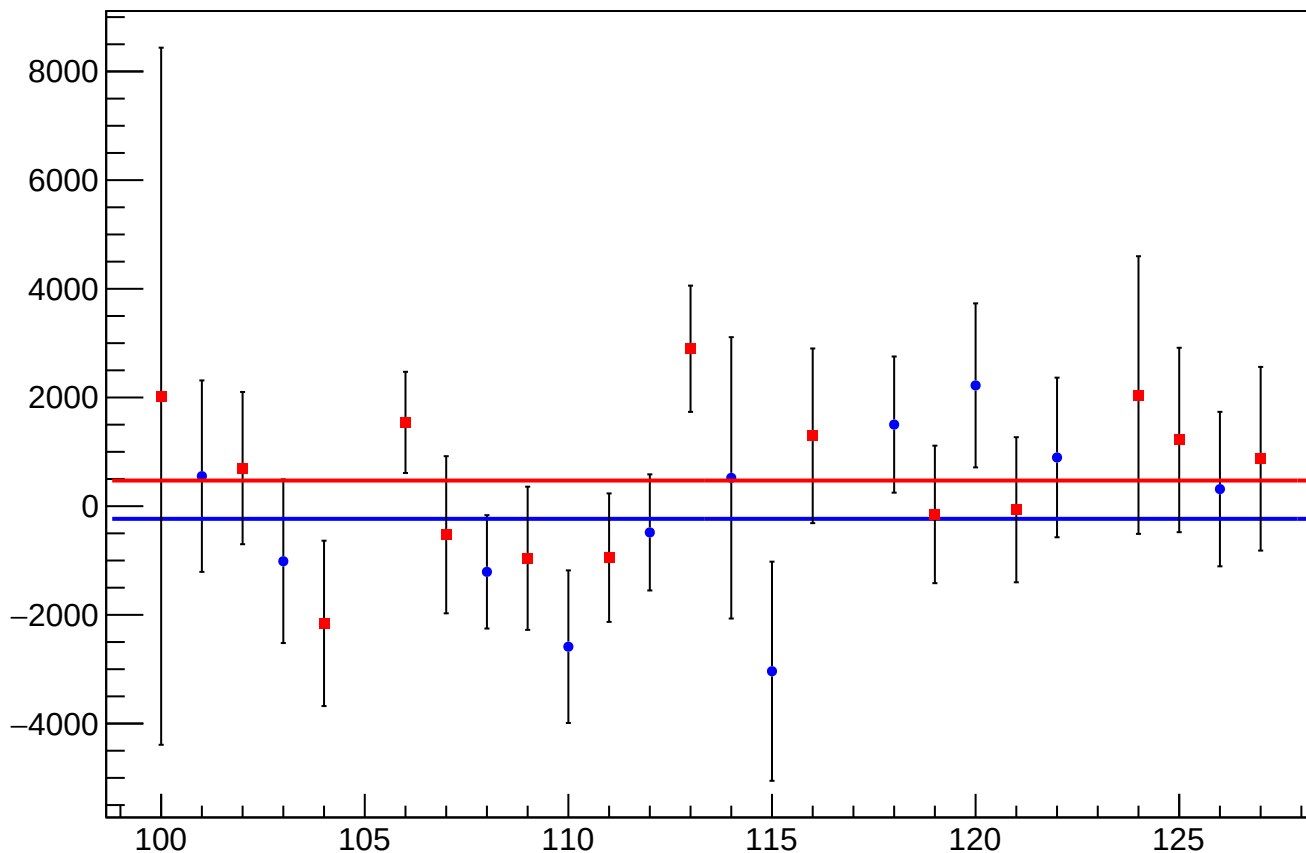
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1672.398+/-0.386 χ^2/NDF : 851303.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_dit_correction_mean vs Slug



Right In: -232.889+/-426.583 χ^2/NDF : 11.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 471.928+/-376.537 χ^2/NDF : 13.1/13

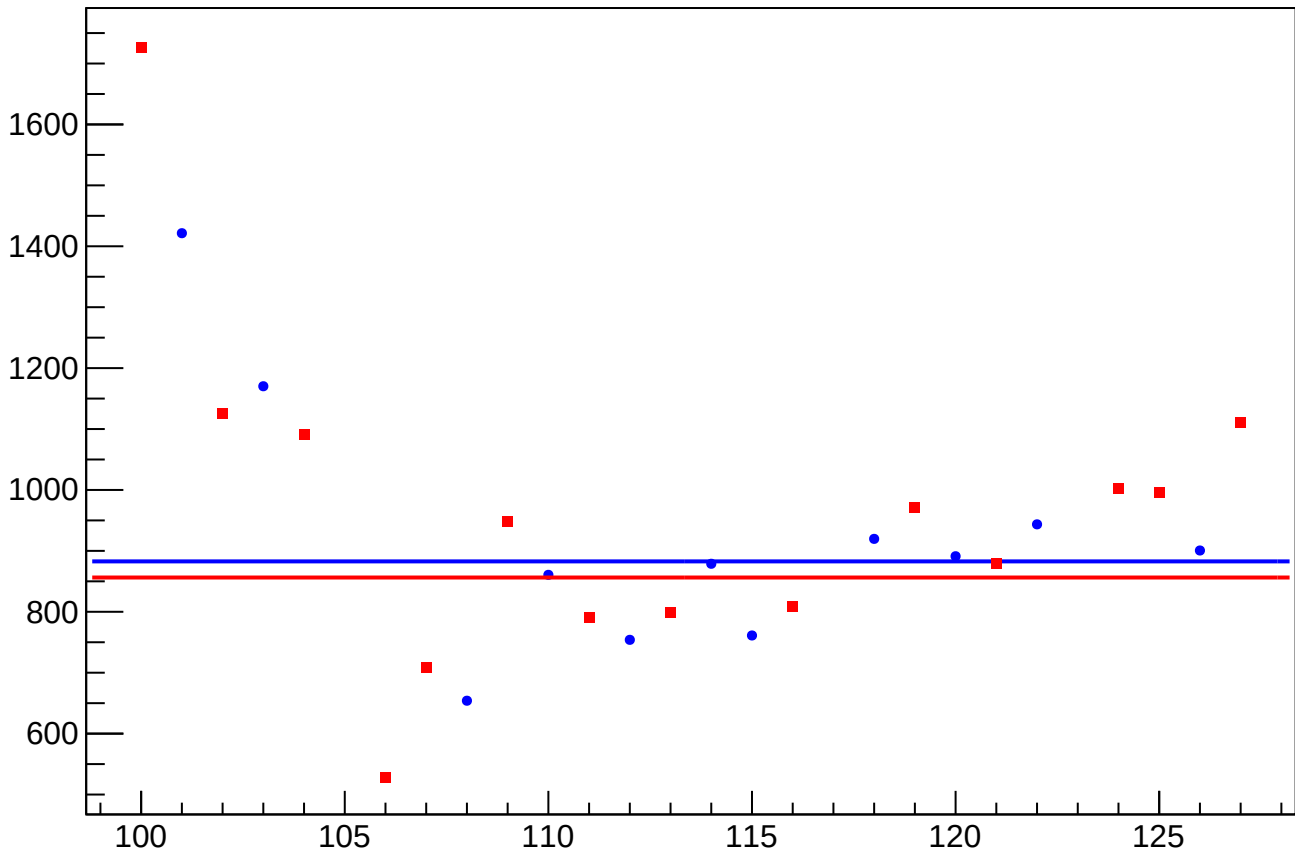
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.270+/-282.296 χ^2/NDF : 26.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_dit_correction_rms vs Slug



Right In: 882.737 $\pm$ 0.302 χ^2 /NDF: 398482.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 856.263 $\pm$ 0.266 χ^2 /NDF: 532364.1/13

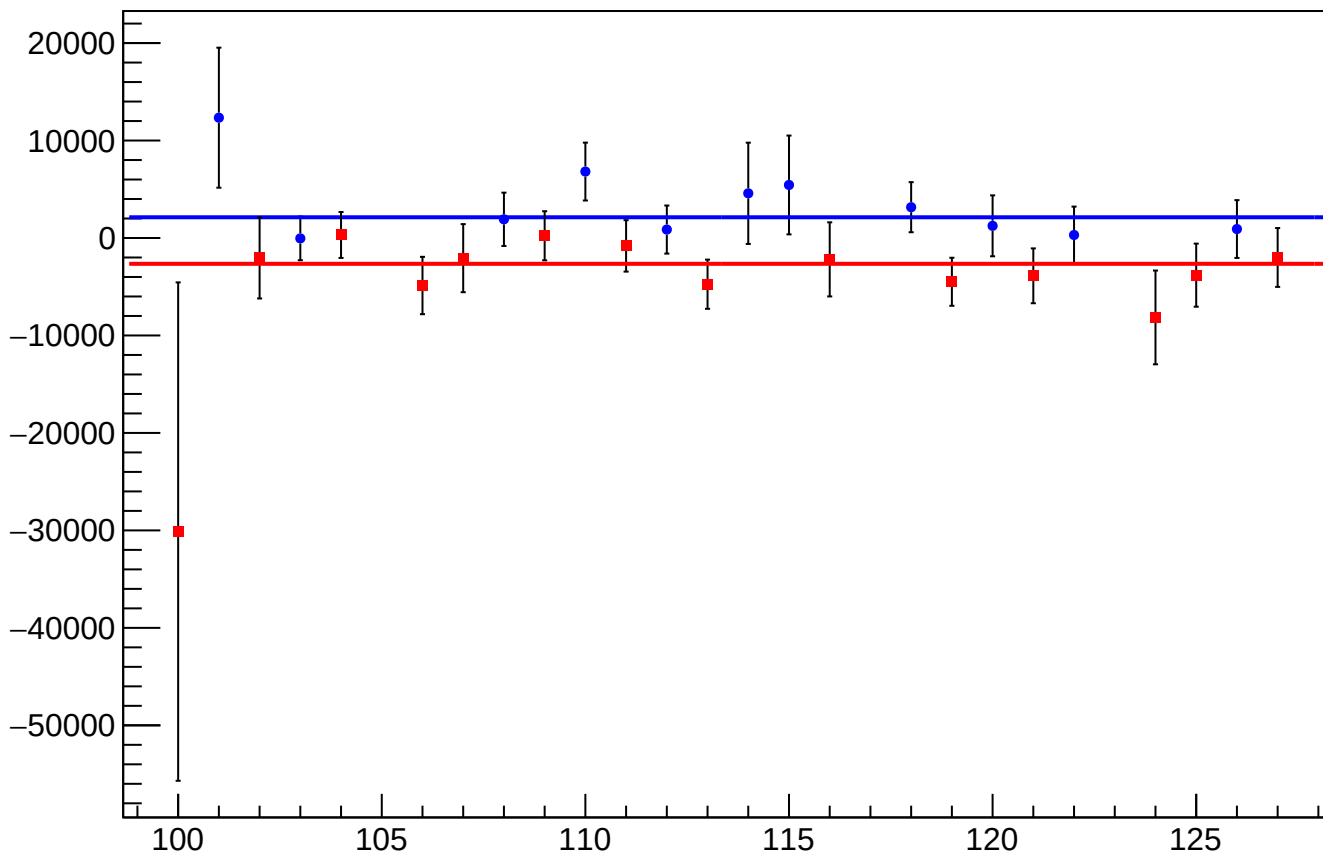
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 867.856 $\pm$ 0.200 χ^2 /NDF: 935176.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_mean vs Slug



Right In: 2126.445+/-916.419 χ^2/NDF : 7.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2648.644+/-815.556 χ^2/NDF : 8.1/13

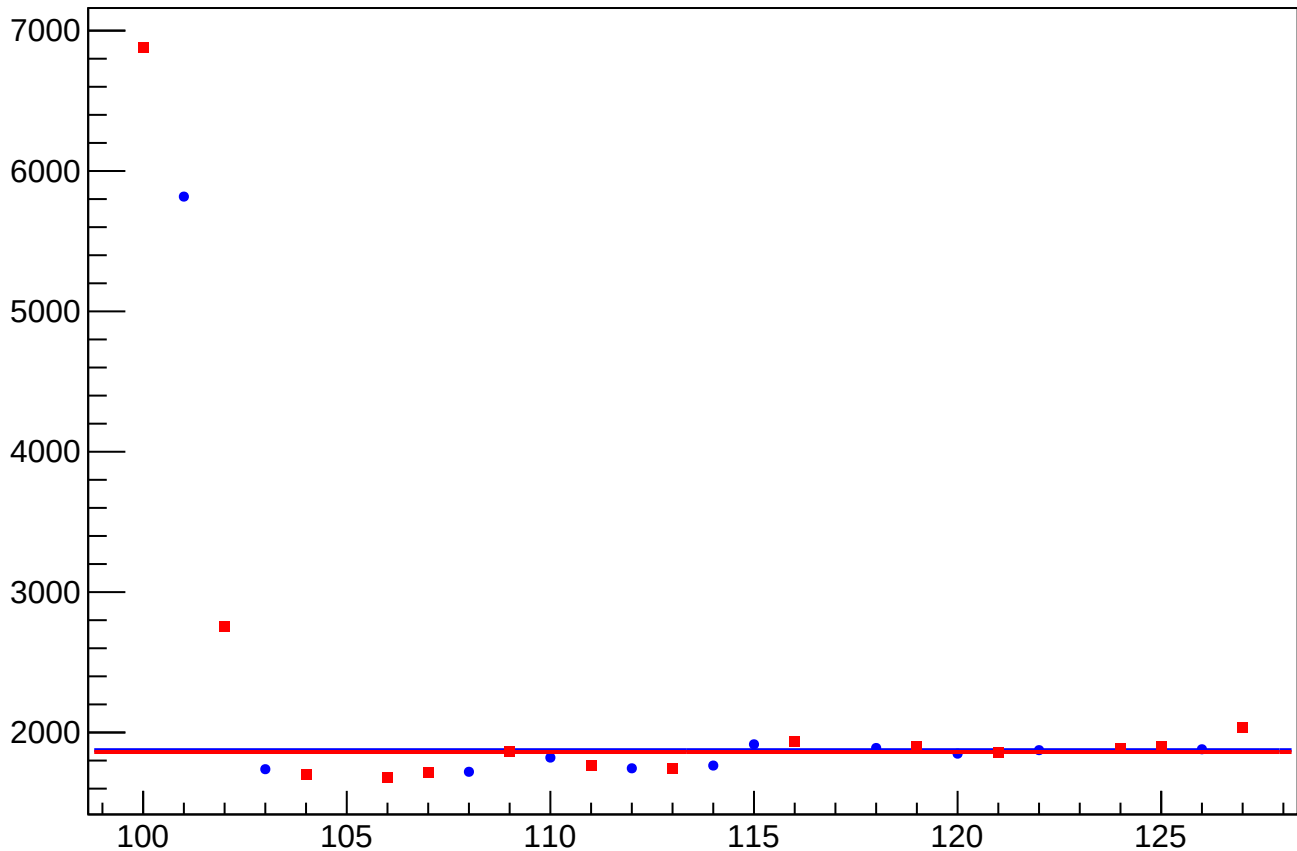
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -538.241+/-609.237 χ^2/NDF : 30.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_rms vs Slug



Right In: 1873.876 $\pm$ 0.648 χ^2 /NDF: 623701.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1860.945 $\pm$ 0.577 χ^2 /NDF: 205896.7/13

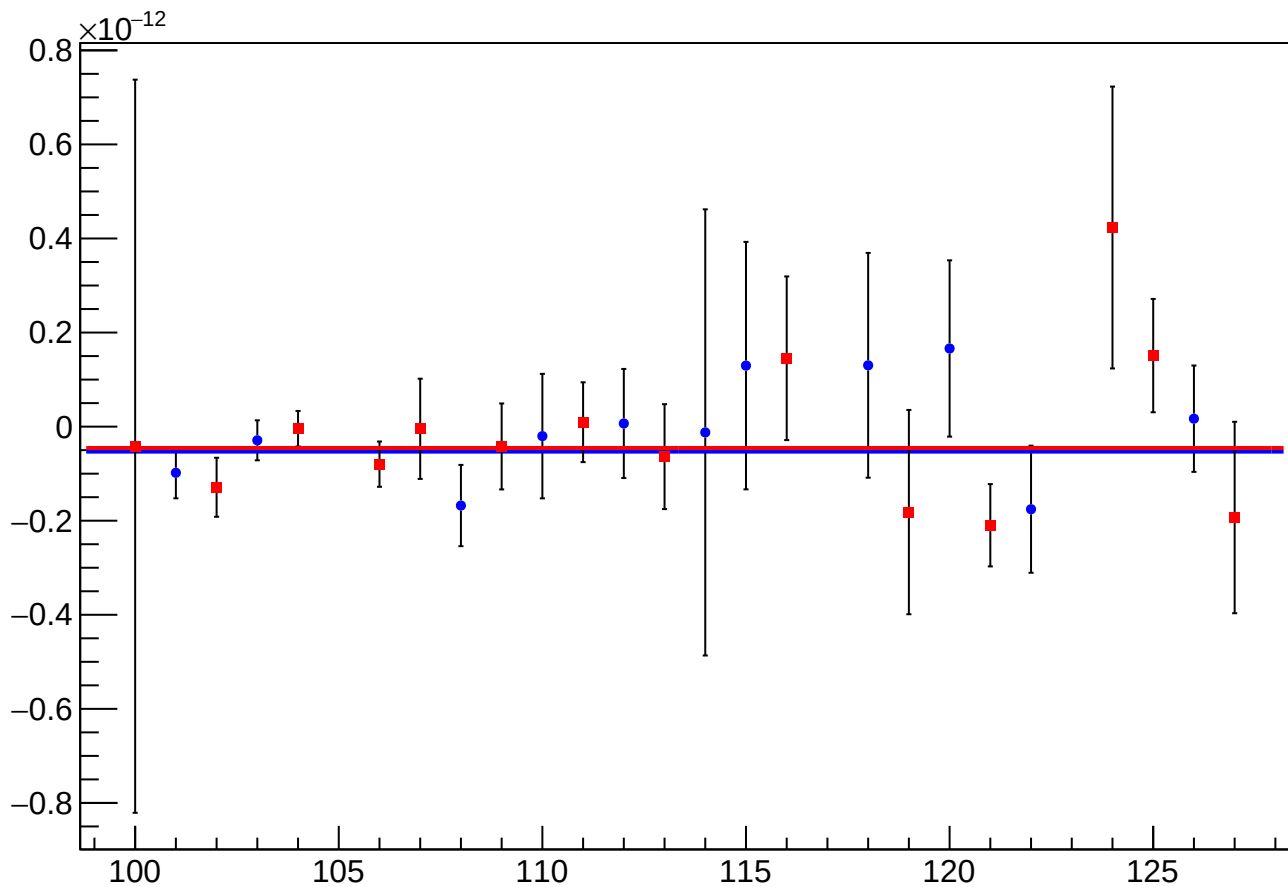
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1866.660 $\pm$ 0.431 χ^2 /NDF: 829819.9/24

- sign 0.000 $\pm$ 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: 6.8/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 14.8/13

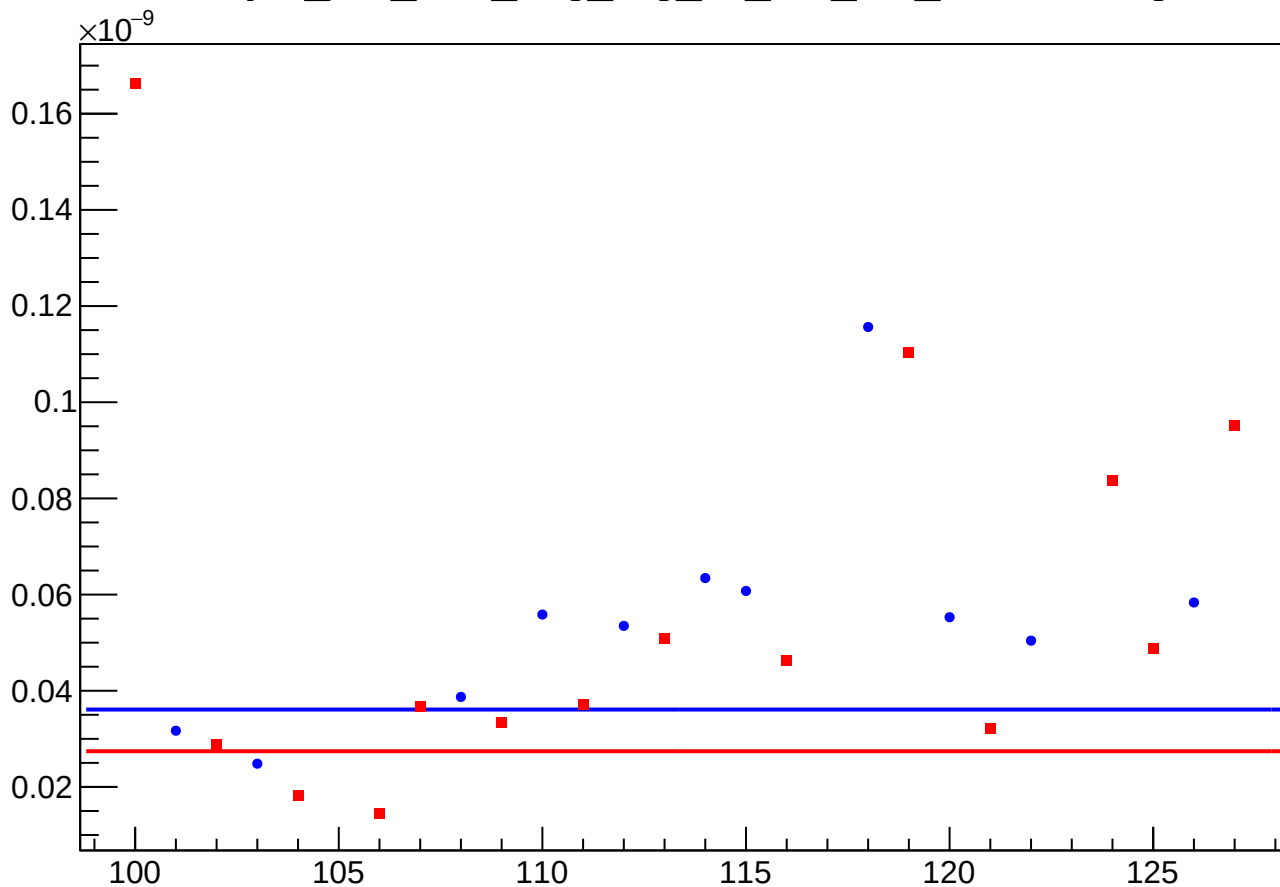
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 21.6/24

- 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 : 611697.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1144337.1/13

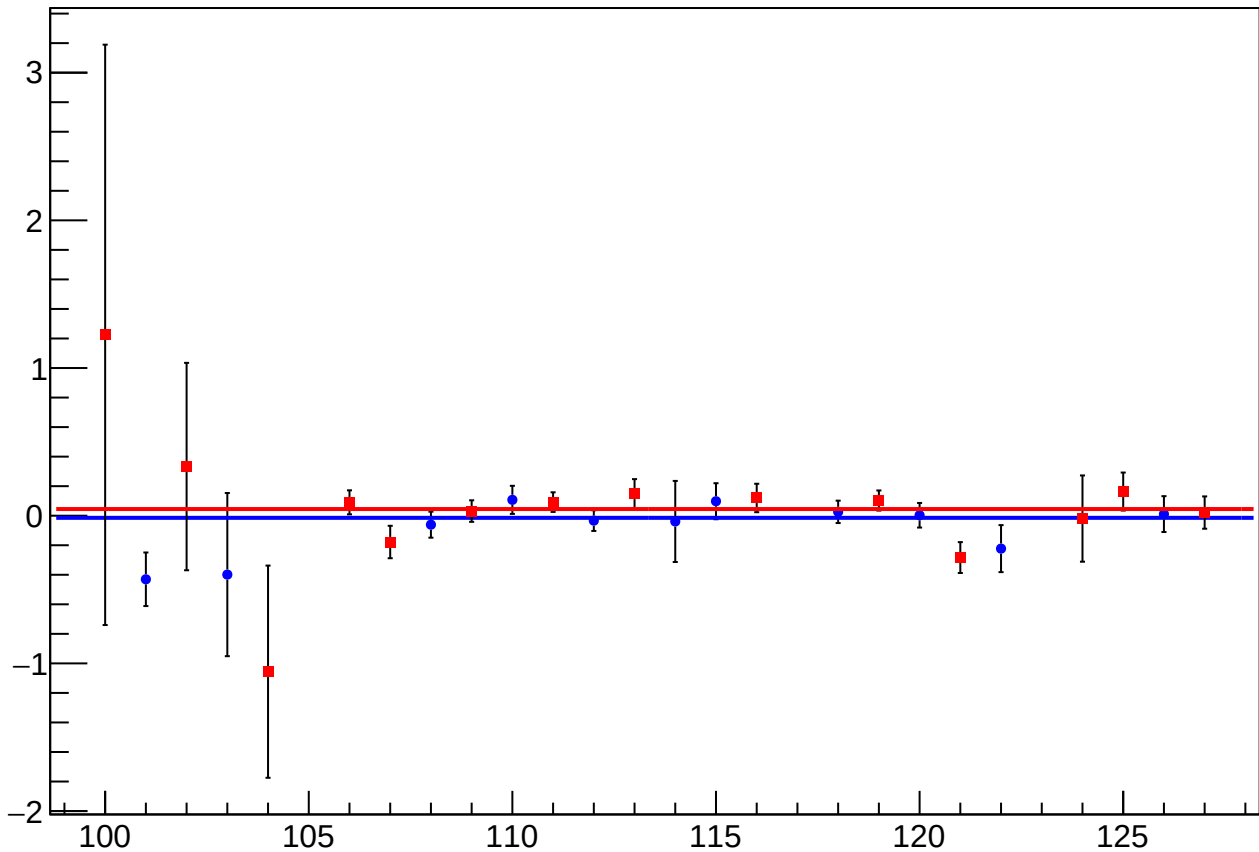
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1880011.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.014 $\pm$ 0.032 χ^2 /NDF: 10.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.045 $\pm$ 0.027 χ^2 /NDF: 21.0/13

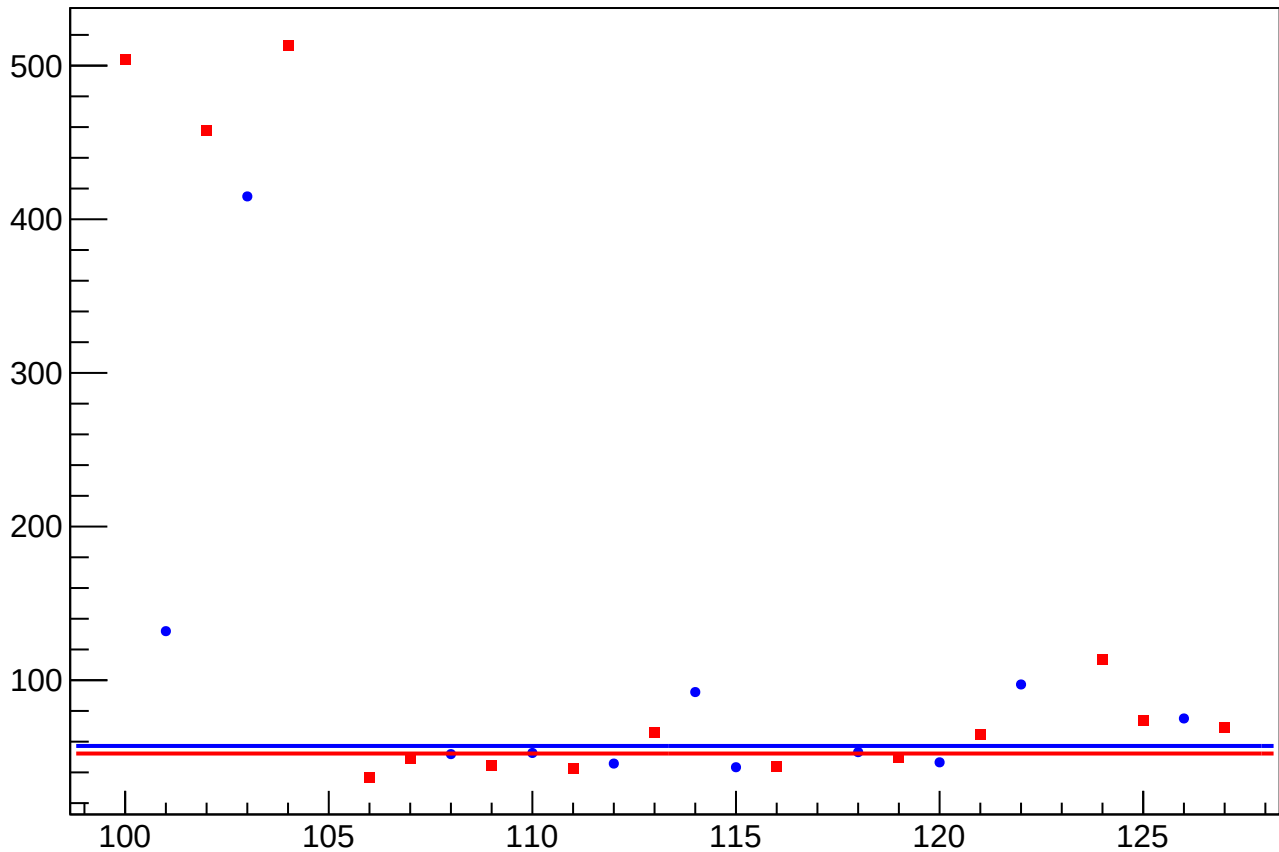
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.020 $\pm$ 0.021 χ^2 /NDF: 33.7/24

- 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: 57.211+/-0.023 χ^2/NDF : 1510054.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.278+/-0.019 χ^2/NDF : 2014220.6/13

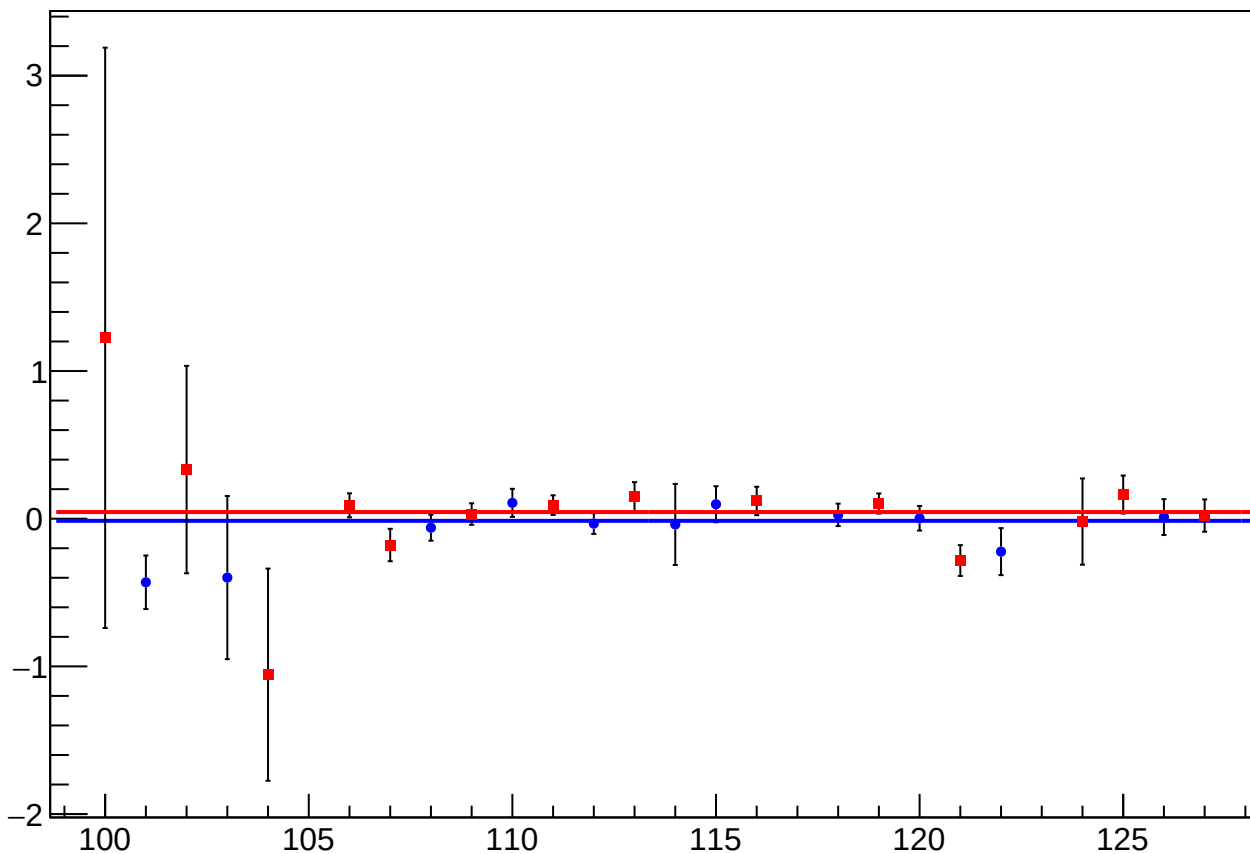
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.381+/-0.015 χ^2/NDF : 3551732.7/24

- 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: -0.014+/-0.032 χ^2/NDF : 10.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.045+/-0.027 χ^2/NDF : 21.0/13

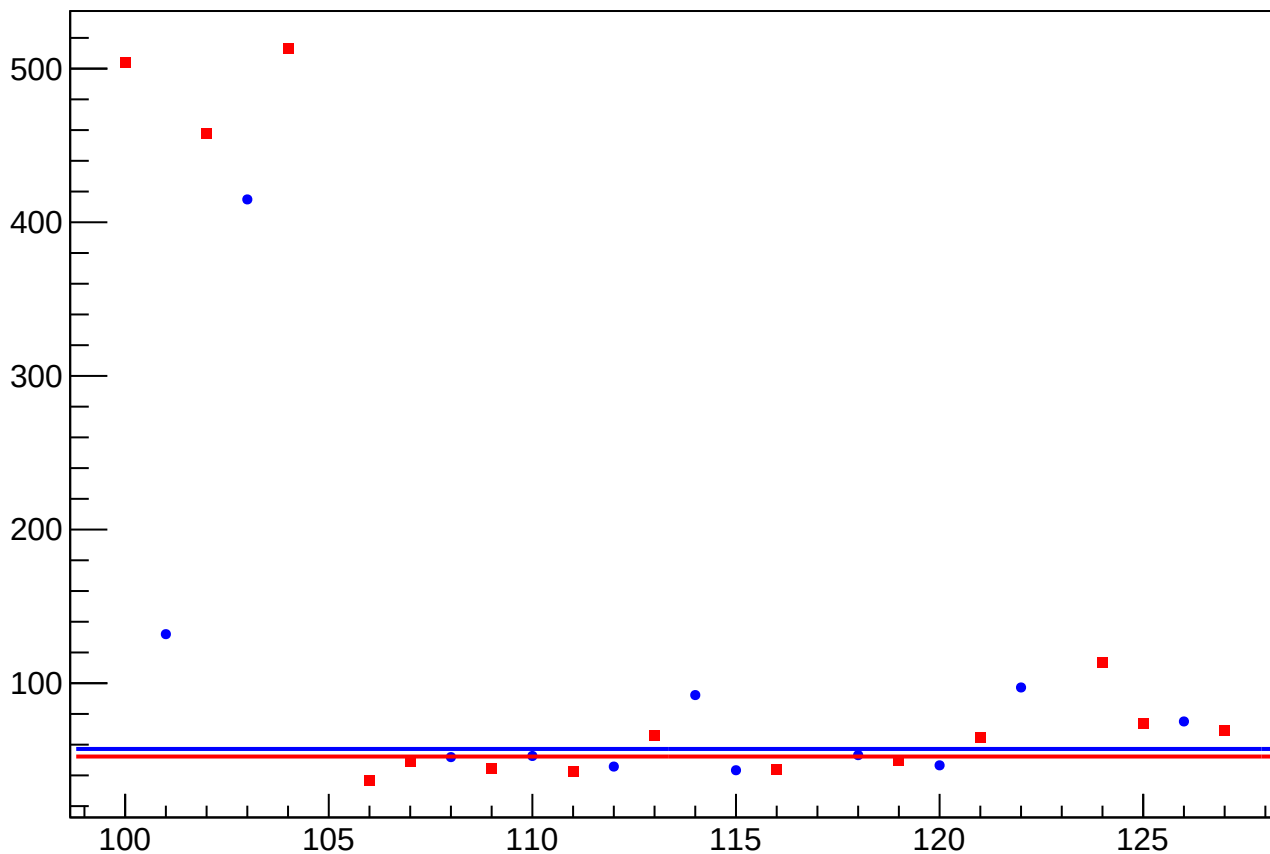
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.021 χ^2/NDF : 33.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 57.211+/-0.023 χ^2/NDF : 1510054.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.278+/-0.019 χ^2/NDF : 2014220.6/13

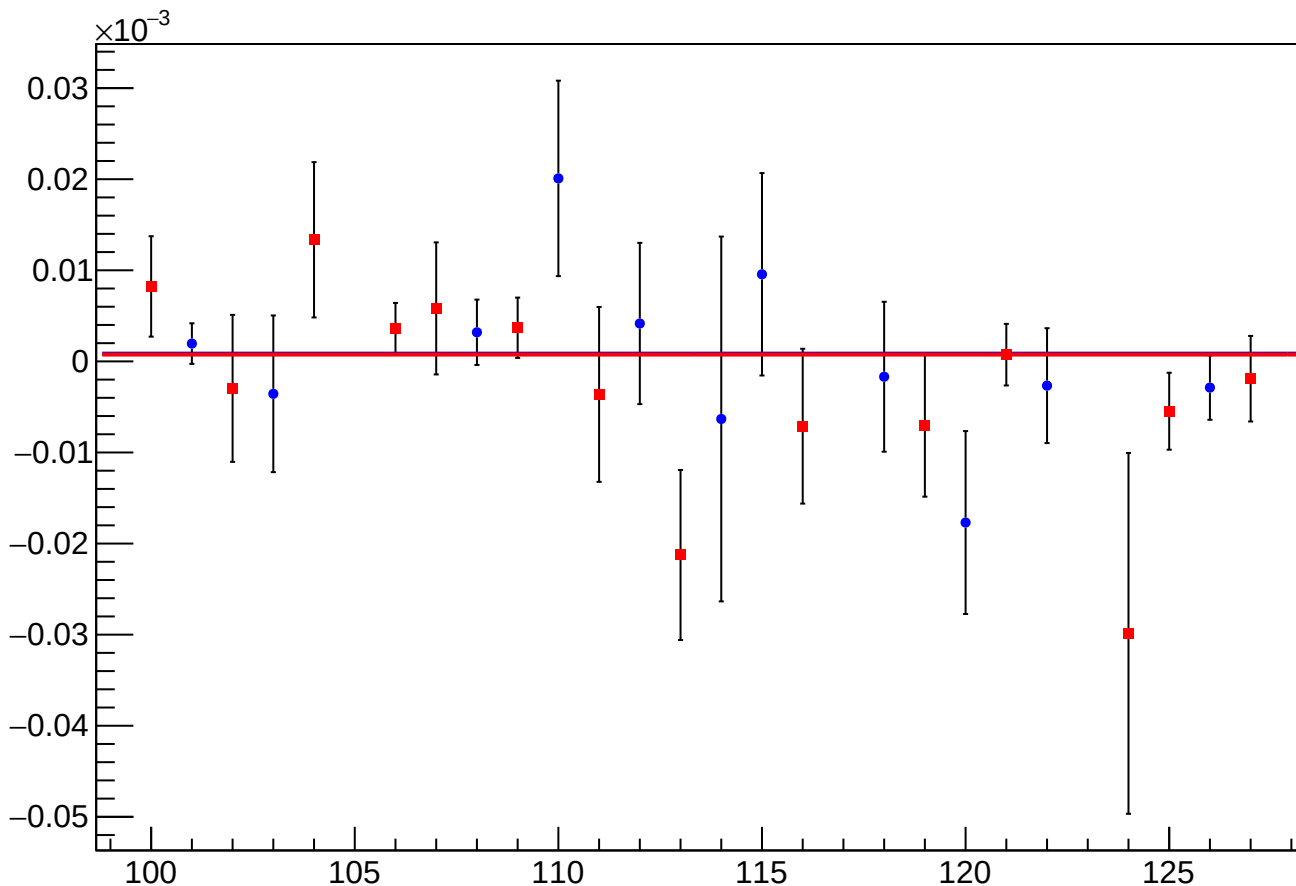
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.381+/-0.015 χ^2/NDF : 3551732.7/24

- sign 0.000+/-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: 10.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.0/13

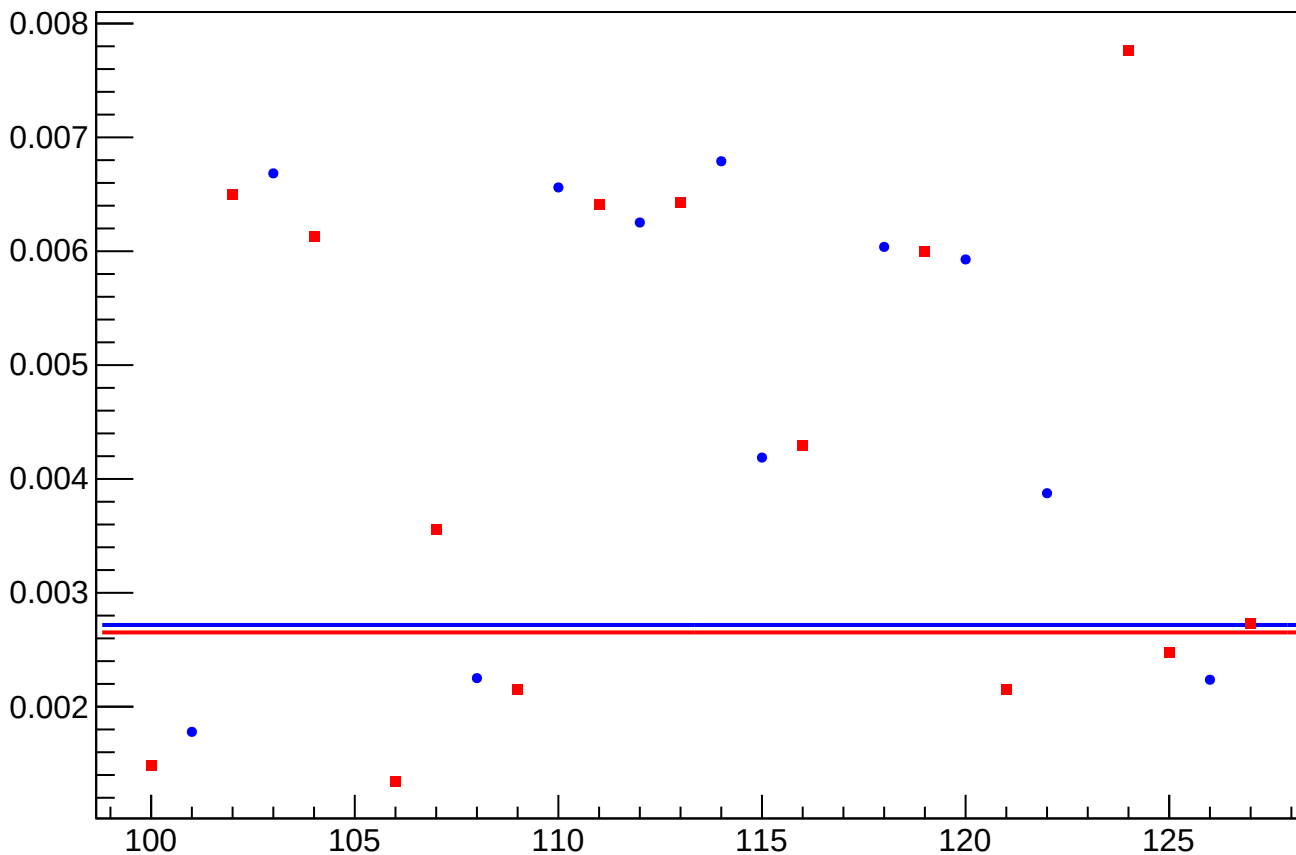
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 29.0/24

- 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 : 2142569.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2636794.2/13

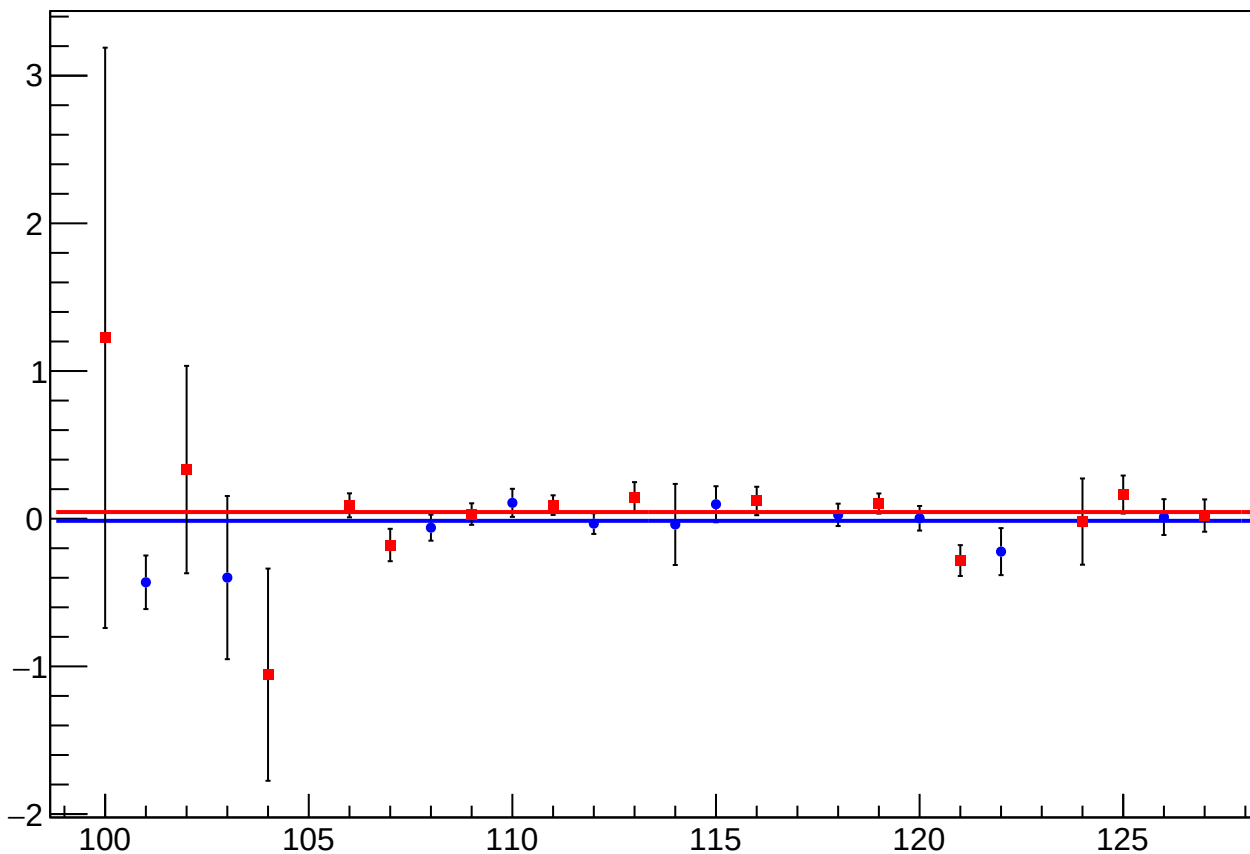
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 4781479.1/24

- 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: -0.014+/-0.032 χ^2/NDF : 10.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.045+/-0.027 χ^2/NDF : 21.0/13

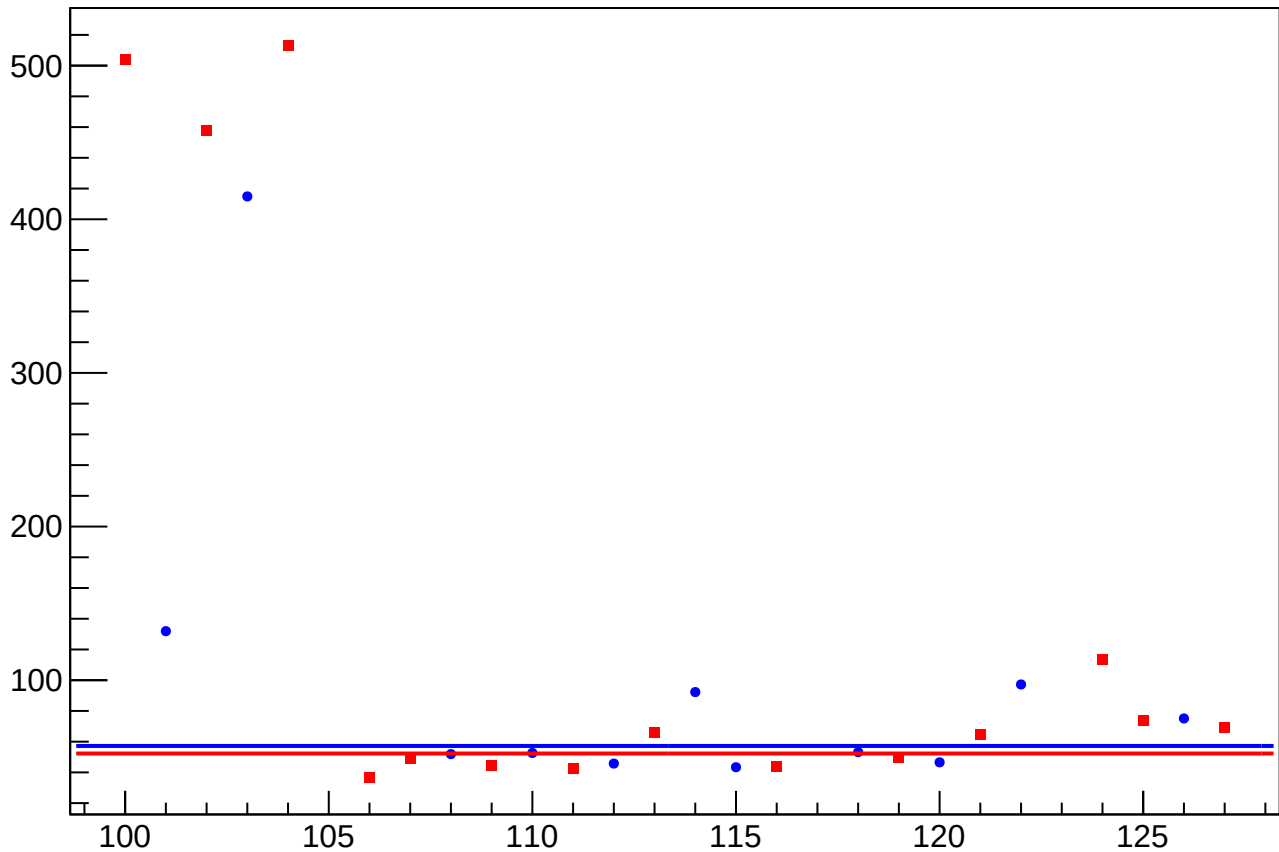
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.021 χ^2/NDF : 33.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 57.211+/-0.023 χ^2/NDF : 1510027.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.277+/-0.019 χ^2/NDF : 2014171.8/13

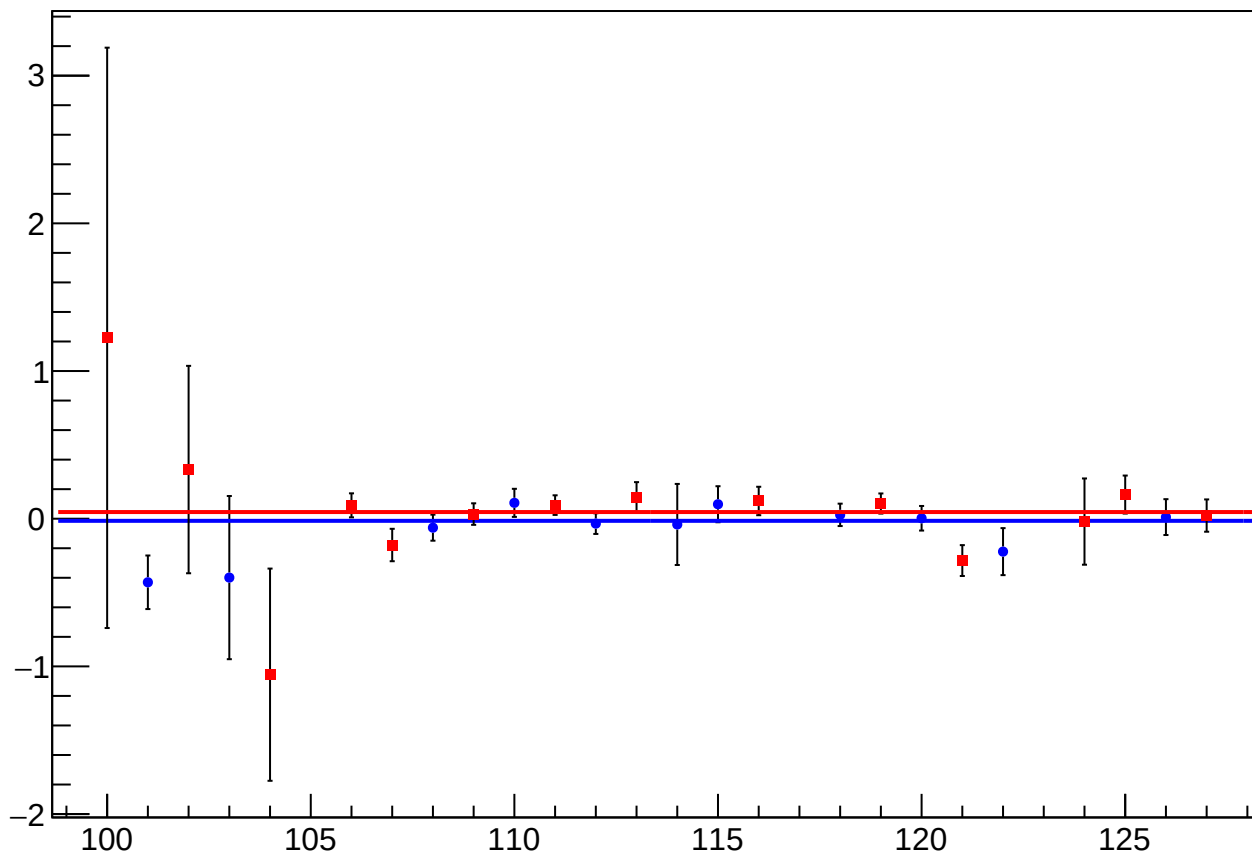
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.381+/-0.015 χ^2/NDF : 3551668.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.014 $\pm$ 0.032 χ^2 /NDF: 10.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.045 $\pm$ 0.027 χ^2 /NDF: 21.0/13

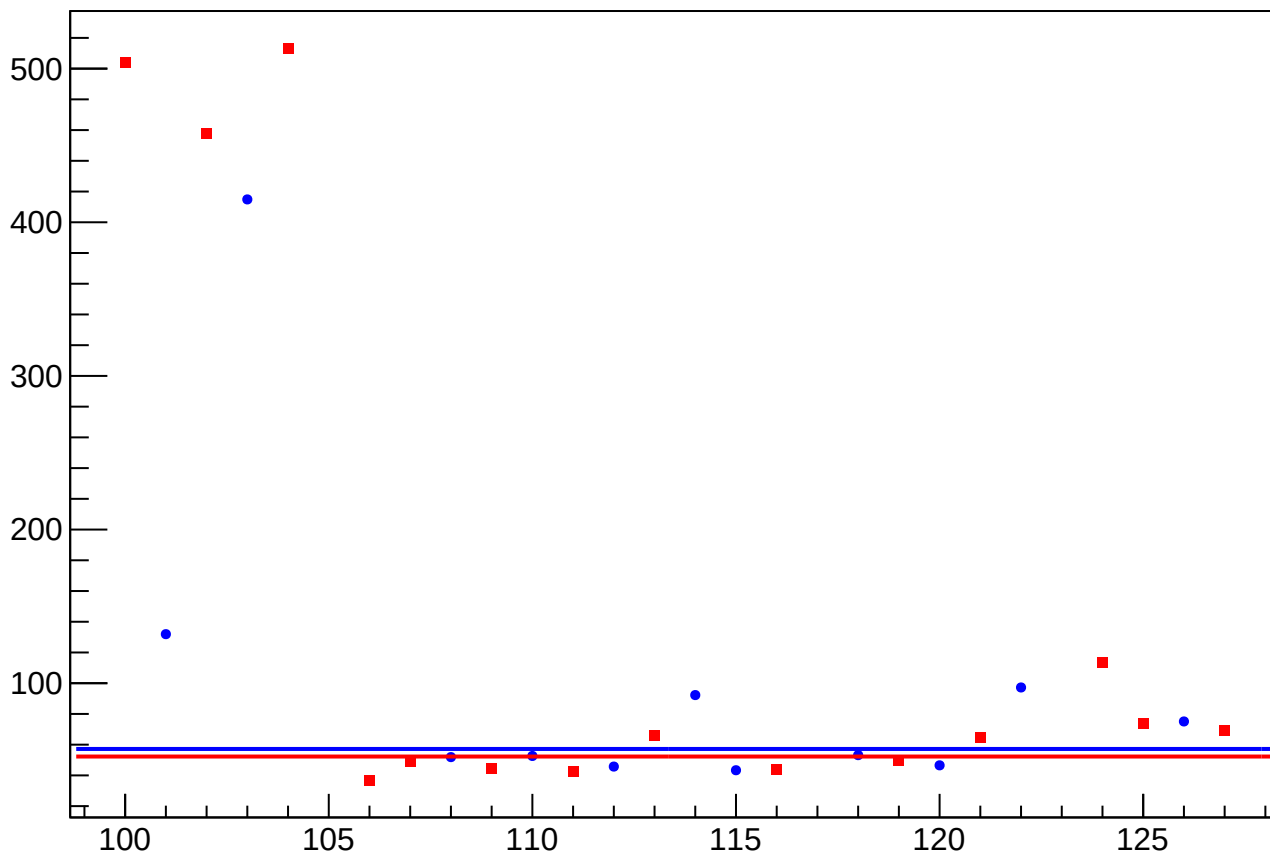
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.020 $\pm$ 0.021 χ^2 /NDF: 33.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 57.211+/-0.023 χ^2/NDF : 1510027.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.277+/-0.019 χ^2/NDF : 2014171.8/13

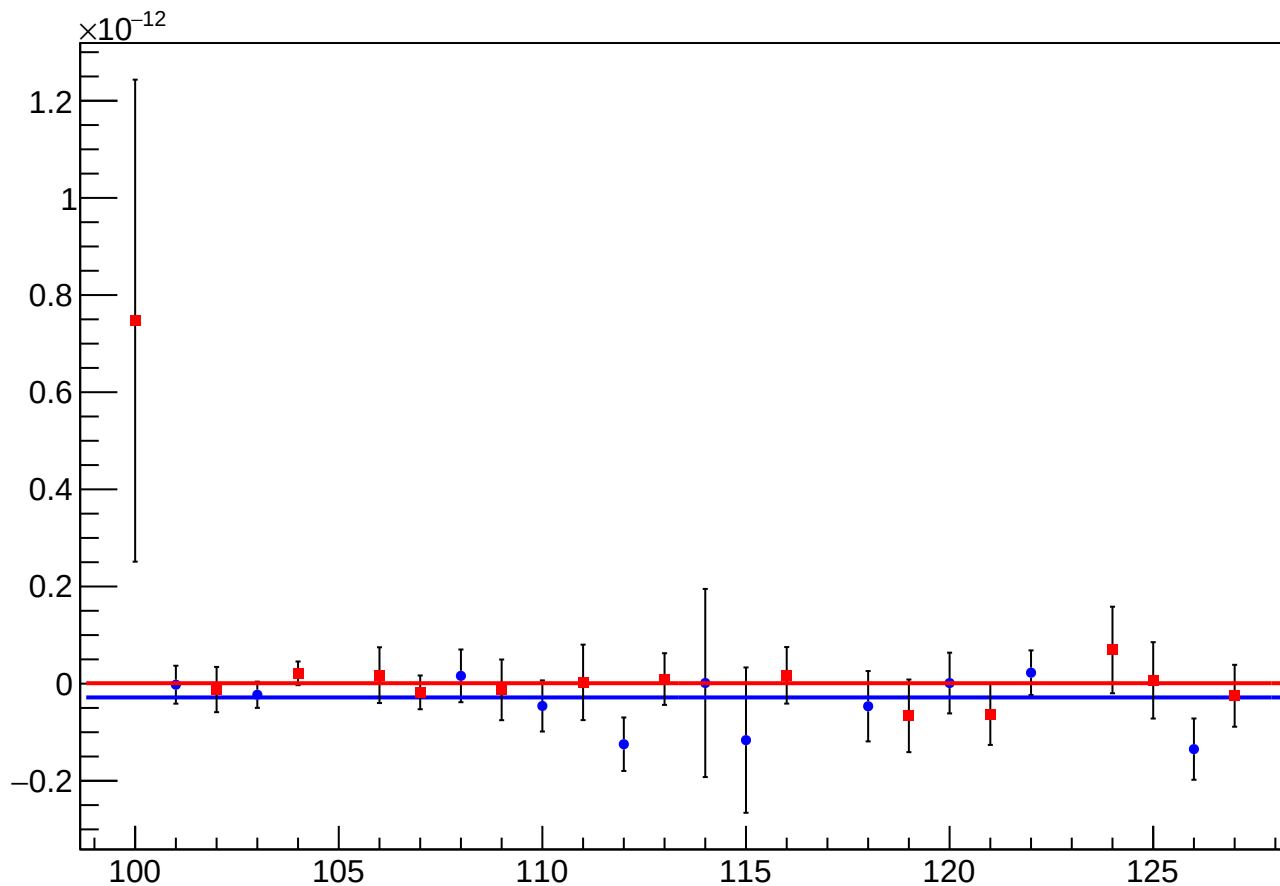
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.381+/-0.015 χ^2/NDF : 3551668.1/24

- sign 0.000+/-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 : 9.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.2/13

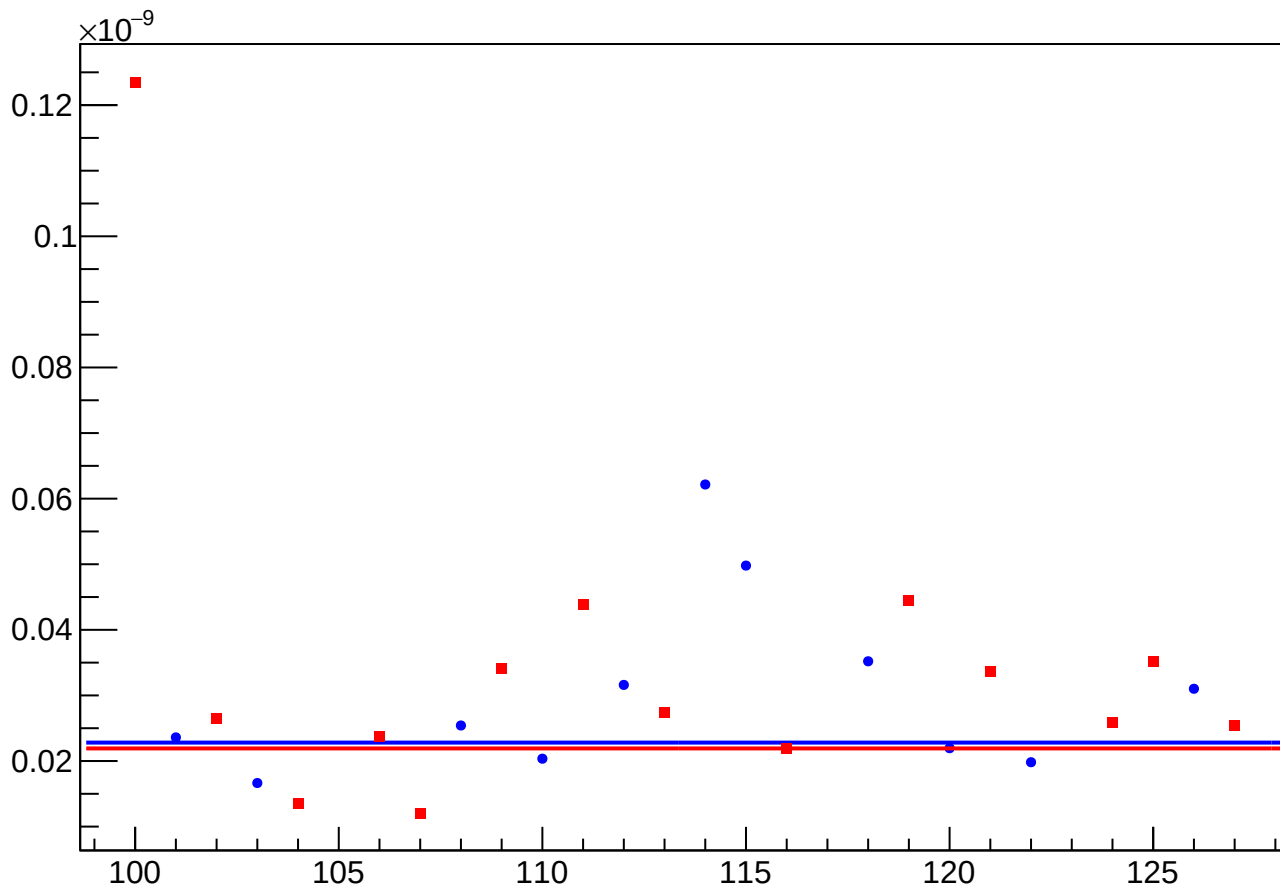
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.3/24

- 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 : 414169.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1078667.8/13

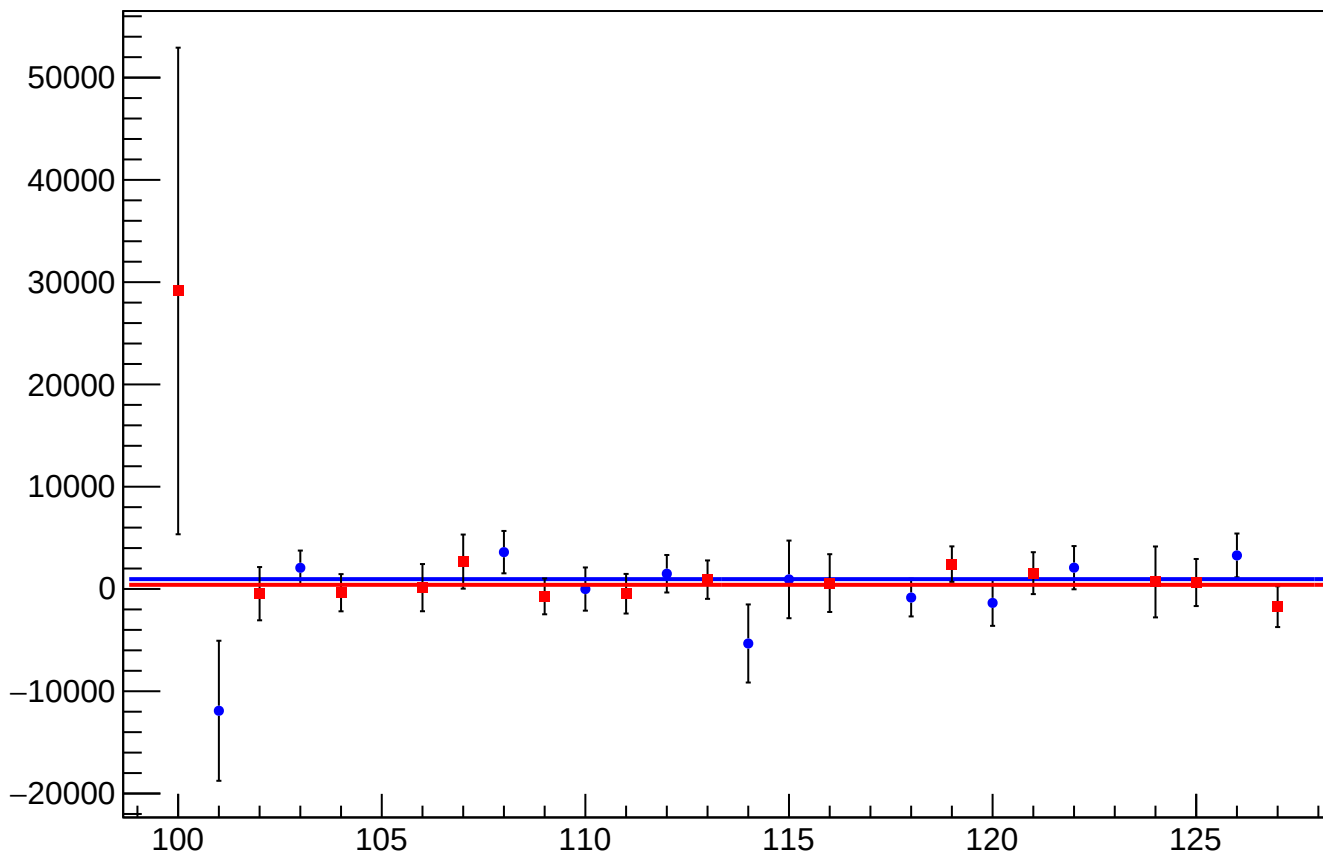
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1496601.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_dd_mean vs Slug



Right In: 962.364 $\pm$ 674.142 χ^2 /NDF: 12.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 406.603 $\pm$ 589.617 χ^2 /NDF: 6.0/13

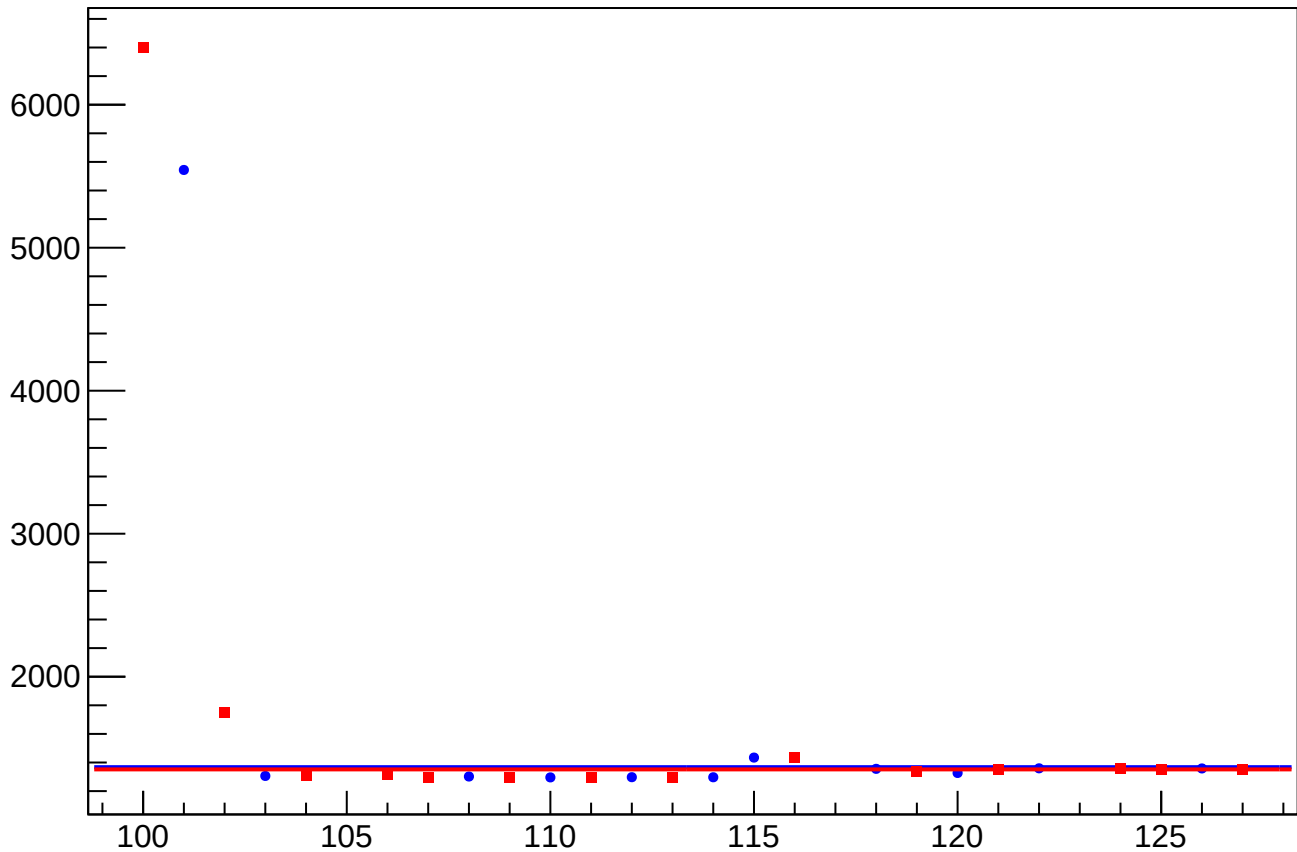
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 647.478 $\pm$ 443.816 χ^2 /NDF: 18.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr1_dd_rms vs Slug



Right In: 1367.420+/-0.477 χ^2/NDF : 756045.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1351.888+/-0.417 χ^2/NDF : 146491.0/13

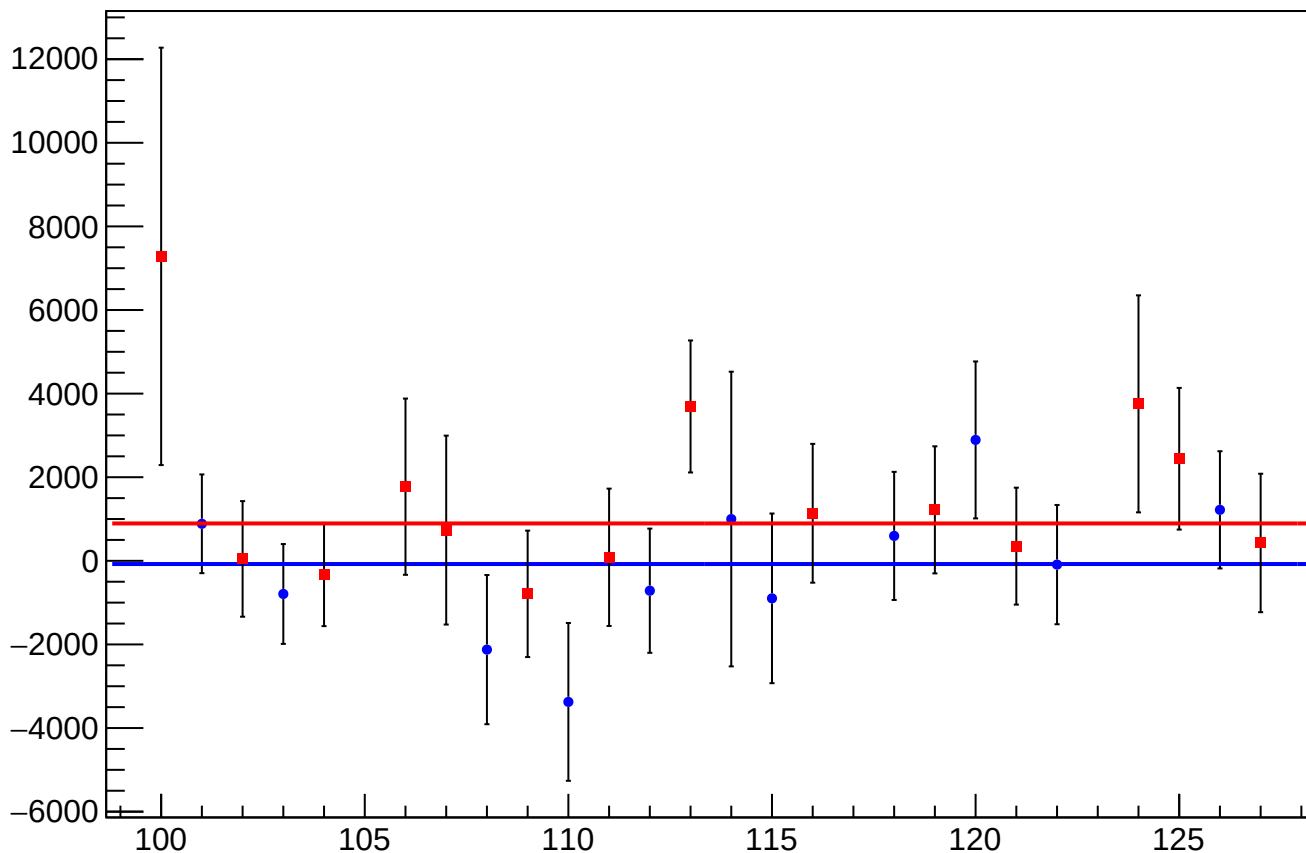
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1358.620+/-0.314 χ^2/NDF : 903137.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_reg_correction_mean vs Slug



Right In: -76.839+/-471.444 χ^2/NDF : 9.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 894.259+/-446.285 χ^2/NDF : 10.2/13

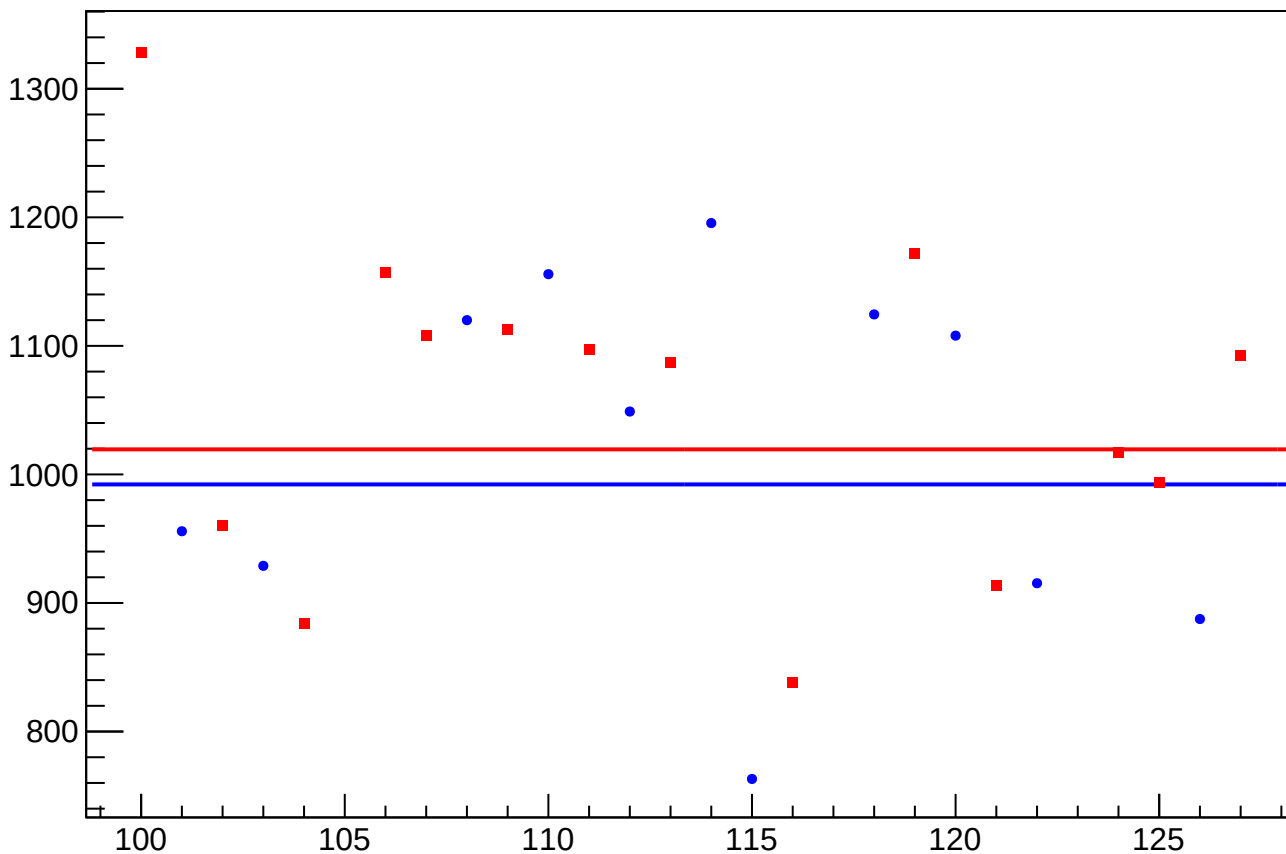
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 435.312+/-324.100 χ^2/NDF : 21.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_reg_correction_rms vs Slug



Right In: 992.231+/-0.333 χ^2/NDF : 107319.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1019.497+/-0.316 χ^2/NDF : 122890.5/13

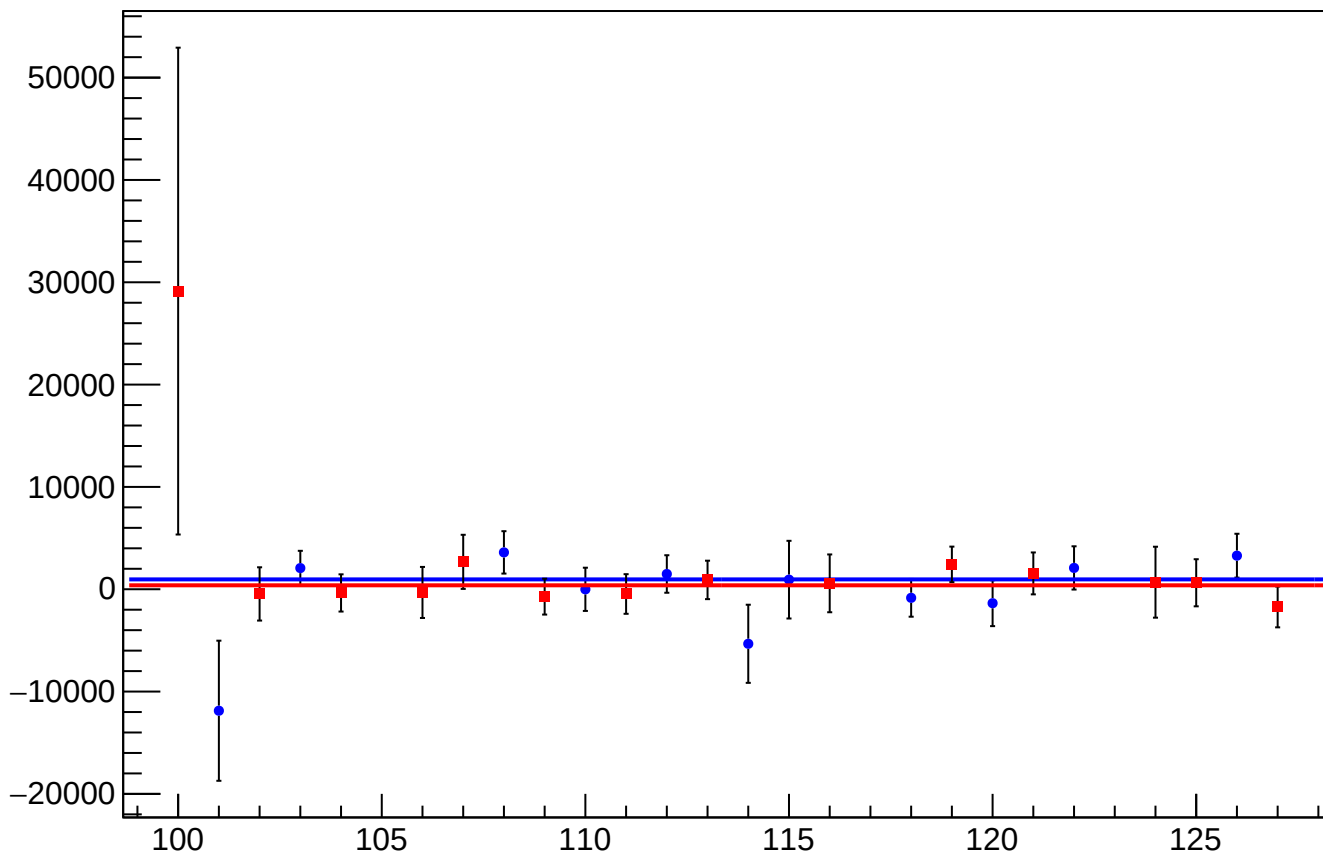
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1006.611+/-0.229 χ^2/NDF : 233738.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_atr1_dd_mean vs Slug



Right In: 962.758 $\pm$ 674.142 χ^2 /NDF: 12.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 384.702 $\pm$ 592.410 χ^2 /NDF: 6.1/13

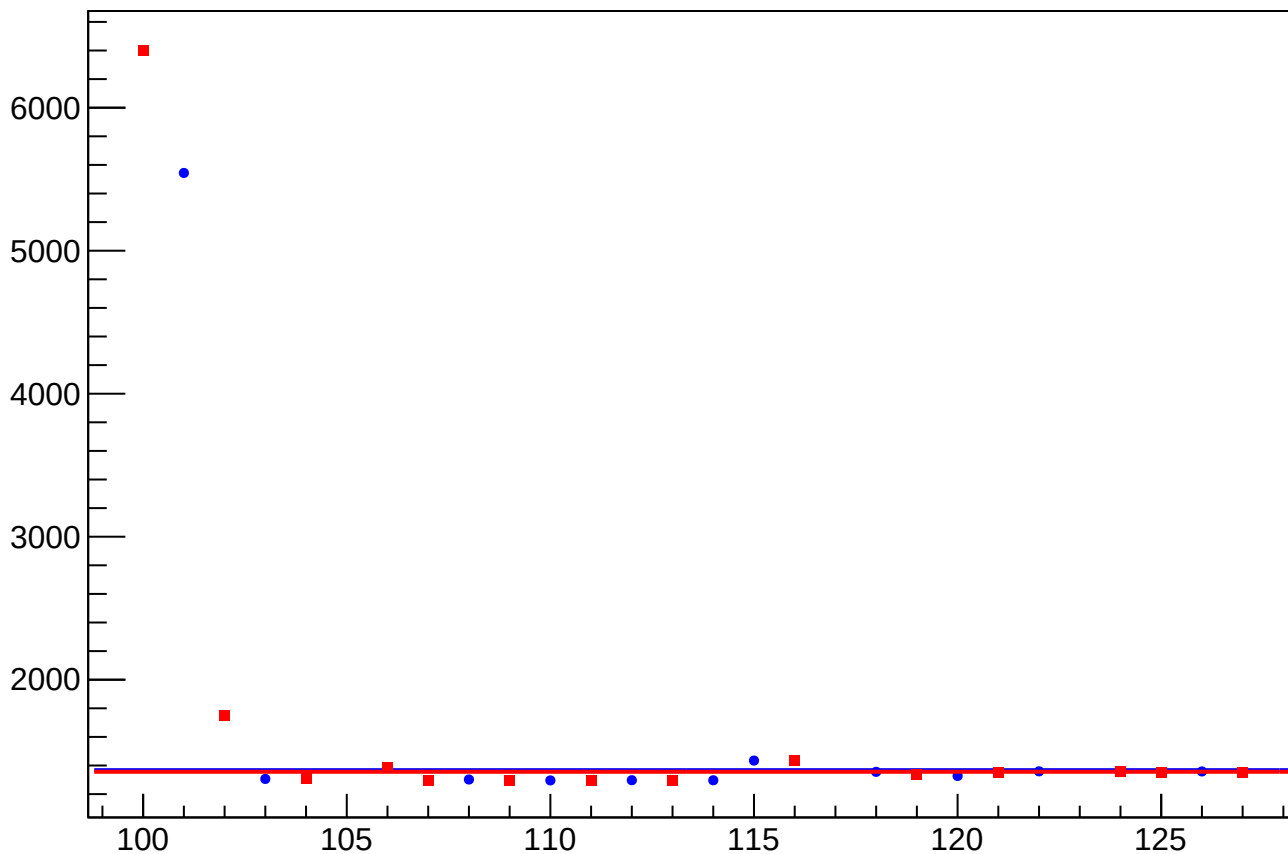
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 636.582 $\pm$ 445.003 χ^2 /NDF: 18.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_usr_atr1_dd_rms vs Slug



Right In: 1367.420+/-0.477 χ^2/NDF : 756044.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1356.233+/-0.419 χ^2/NDF : 146377.0/13

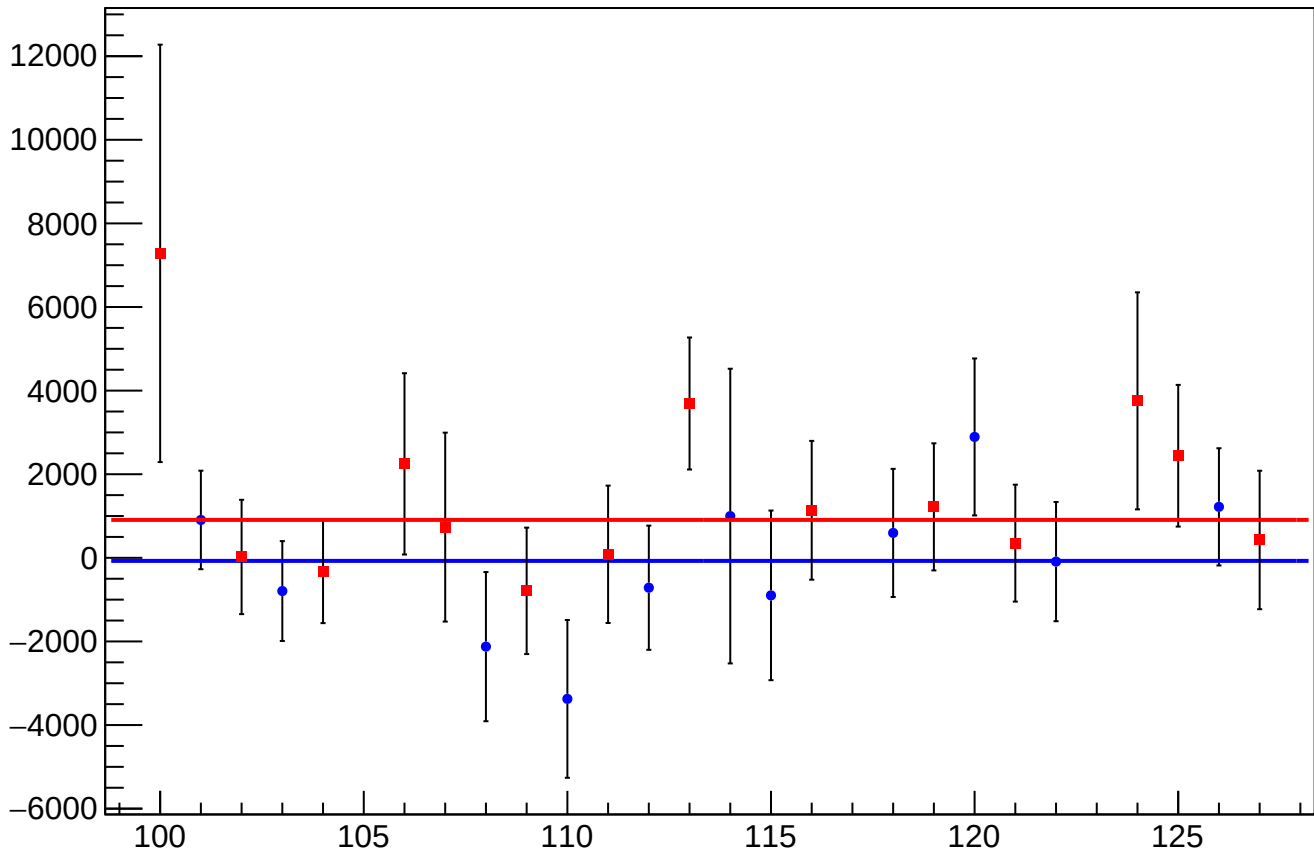
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1361.108+/-0.315 χ^2/NDF : 902731.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_cor_correction_mean vs Slug



Right In: -73.122+/-471.289 χ^2/NDF : 9.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 907.563+/-446.300 χ^2/NDF : 10.4/13

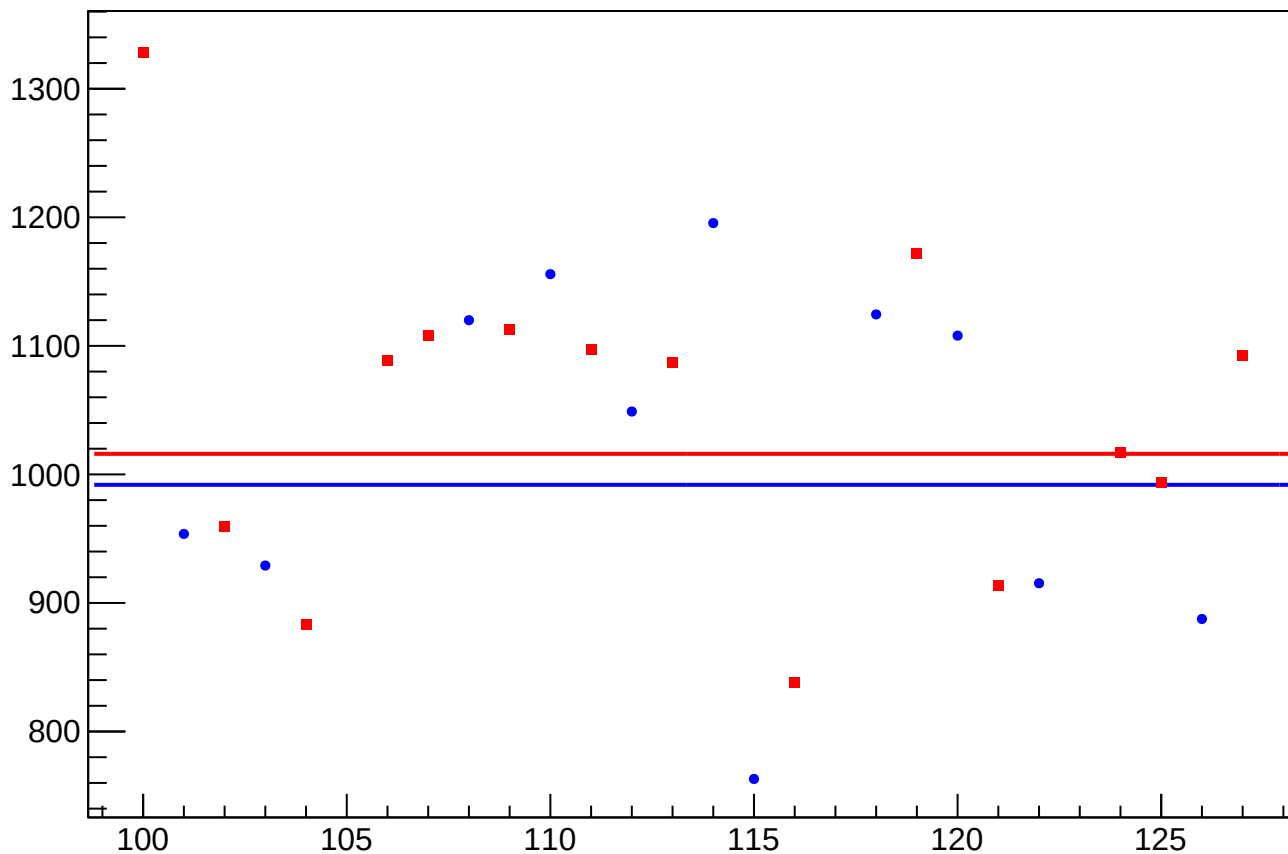
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 443.908+/-324.056 χ^2/NDF : 22.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_cor_correction_rms vs Slug



Right In: 991.902 $\pm$ 0.333 χ^2 /NDF: 107519.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1016.009 $\pm$ 0.316 χ^2 /NDF: 116494.4/13

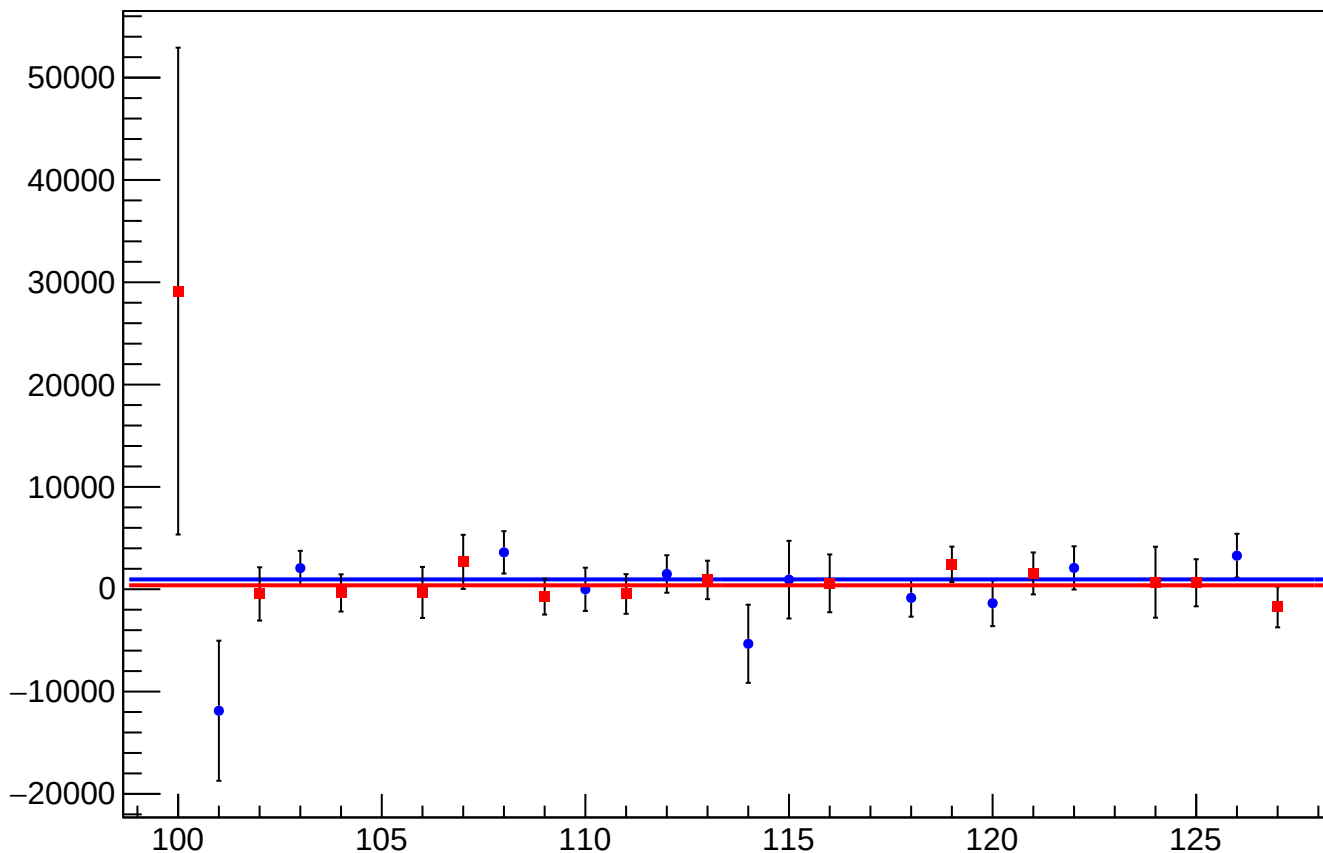
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1004.611 $\pm$ 0.229 χ^2 /NDF: 226772.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usr_atr1_dd_mean vs Slug



Right In: 962.758 $\pm$ 674.142 χ^2 /NDF: 12.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 384.702 $\pm$ 592.410 χ^2 /NDF: 6.1/13

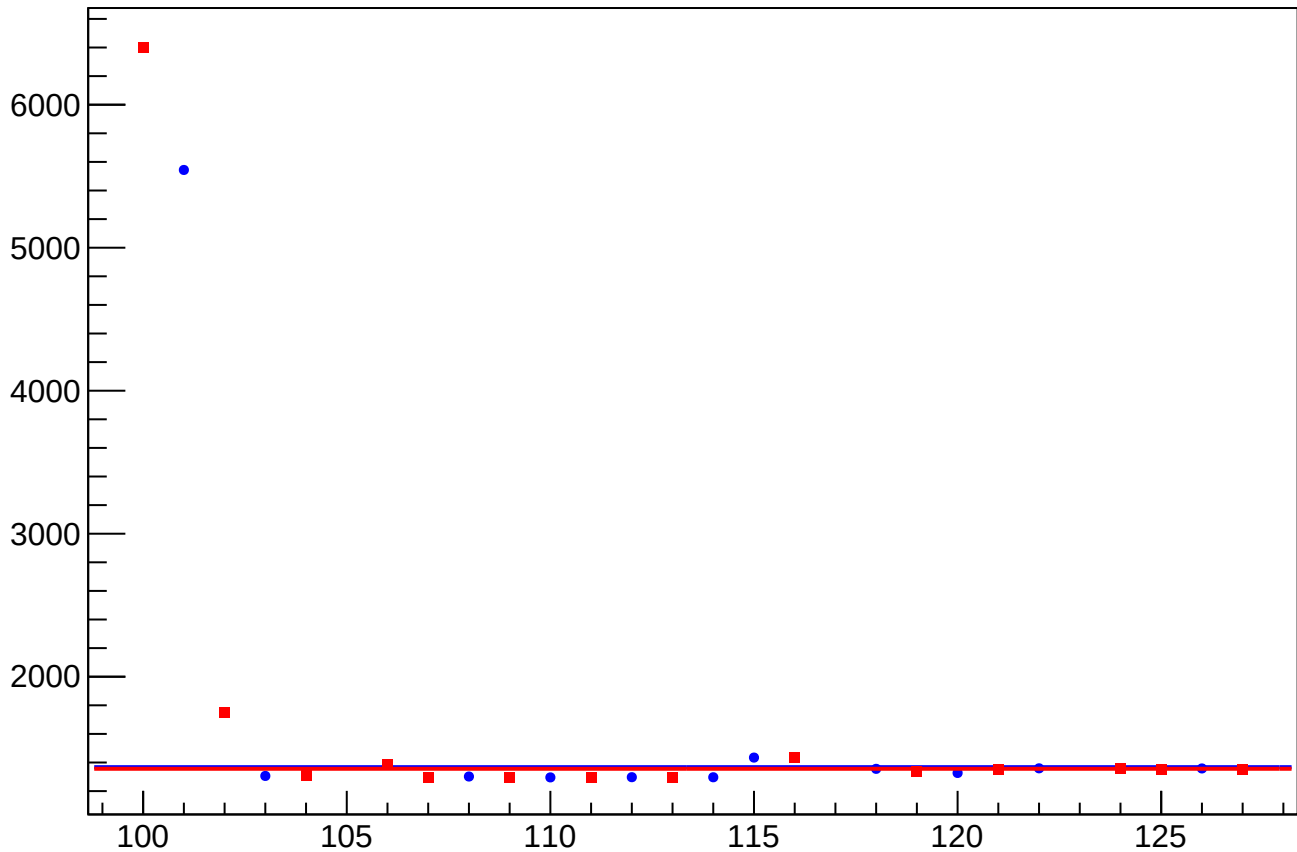
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 636.582 $\pm$ 445.003 χ^2 /NDF: 18.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usr_atr1_dd_rms vs Slug



Right In: 1367.420+/-0.477 χ^2/NDF : 756044.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

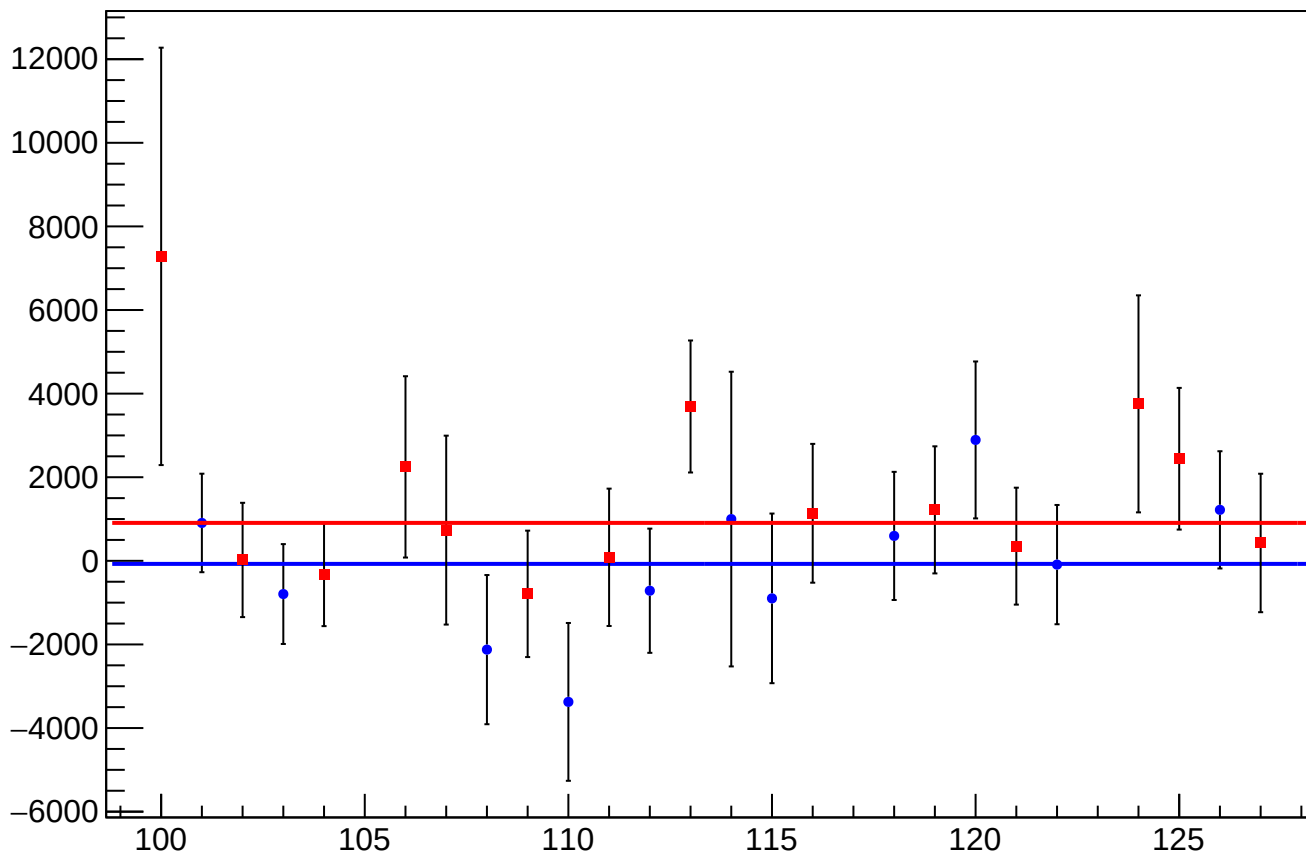
Right Out: 1356.233+/-0.419 χ^2/NDF : 146377.0/13

All: 1361.108+/-0.315 χ^2/NDF : 902731.8/24

- 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_atr1_dd_eigen_cor_correction_mean vs Slug



Right In: -73.122 $\pm$ 471.289 χ^2 /NDF: 9.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 907.563 $\pm$ 446.300 χ^2 /NDF: 10.4/13

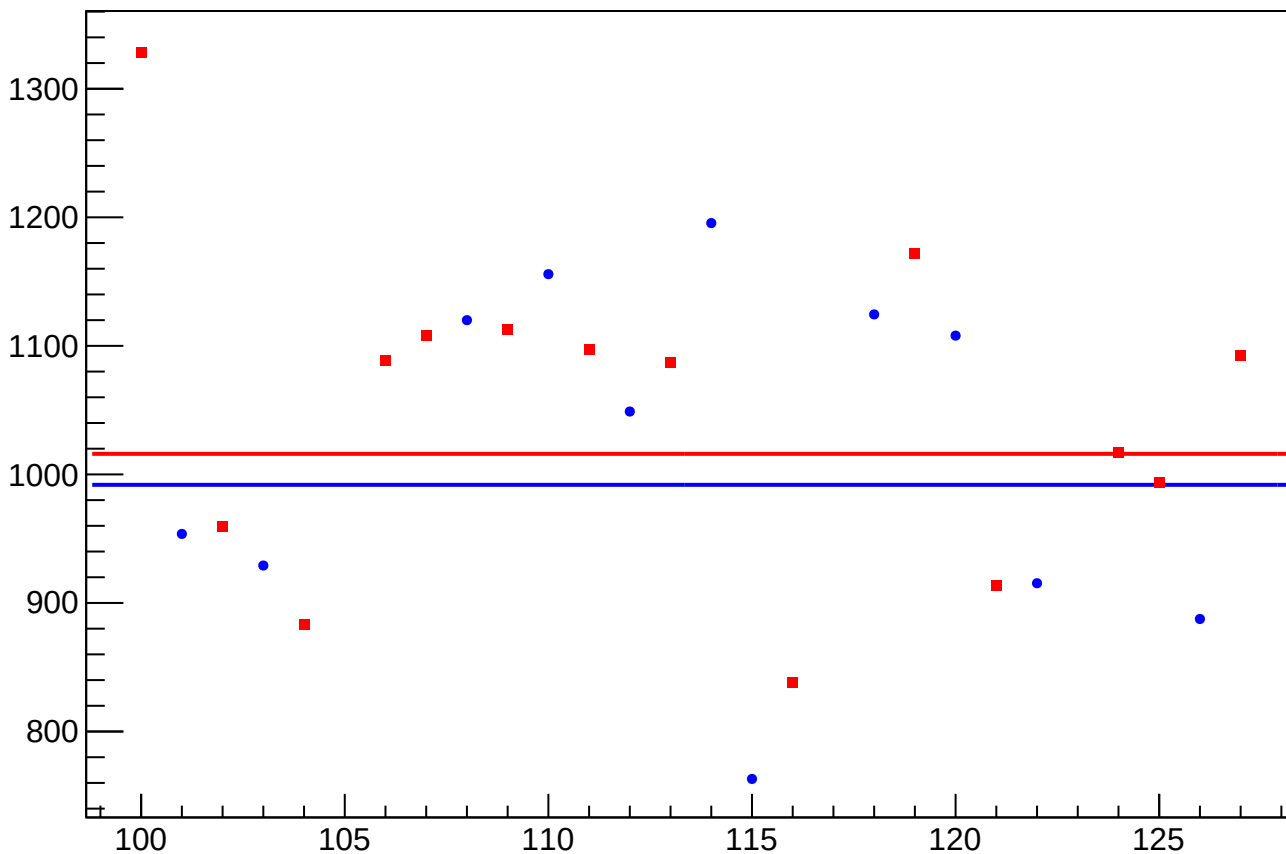
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 443.908 $\pm$ 324.056 χ^2 /NDF: 22.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_eigen_cor_correction_rms vs Slug



Right In: 991.902+/-0.333 χ^2/NDF : 107519.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1016.009+/-0.316 χ^2/NDF : 116494.4/13

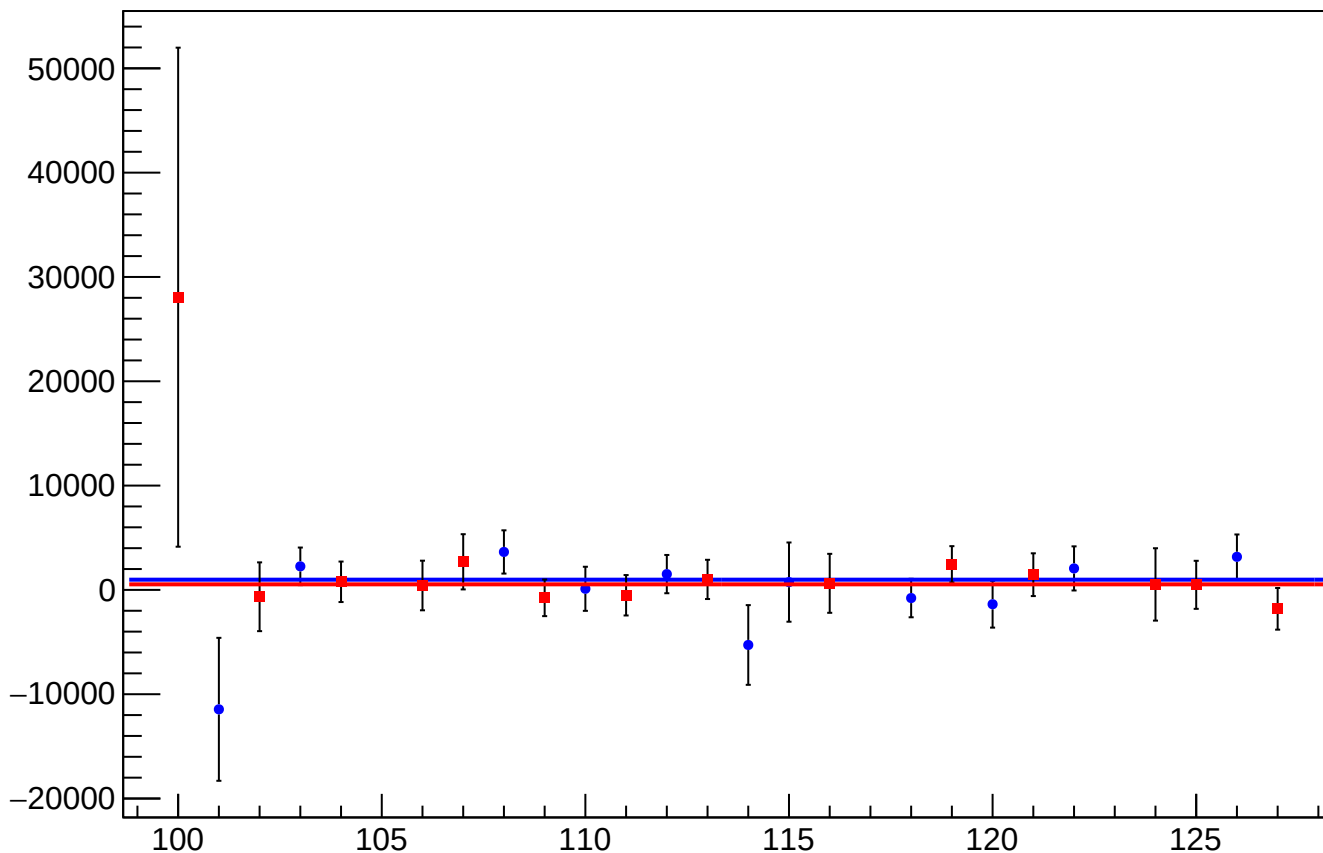
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1004.611+/-0.229 χ^2/NDF : 226772.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_atr1_dd_mean vs Slug



Right In: 980.012 $\pm$ 681.275 χ^2 /NDF: 11.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 532.604 $\pm$ 600.801 χ^2 /NDF: 5.9/13

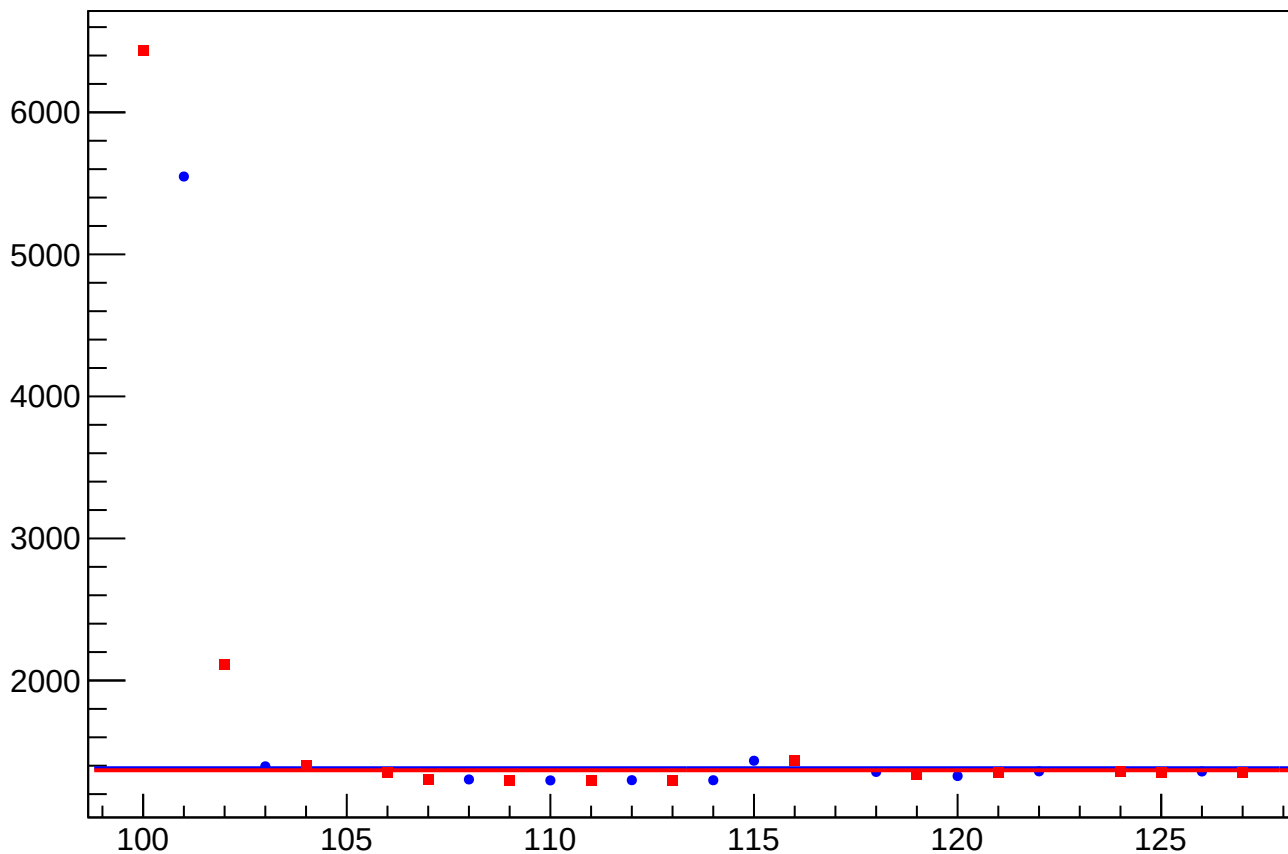
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 728.335 $\pm$ 450.610 χ^2 /NDF: 17.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_usr_atr1_dd_rms vs Slug



Right In: 1382.157+/-0.482 χ^2/NDF : 753085.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1368.009+/-0.425 χ^2/NDF : 203714.5/13

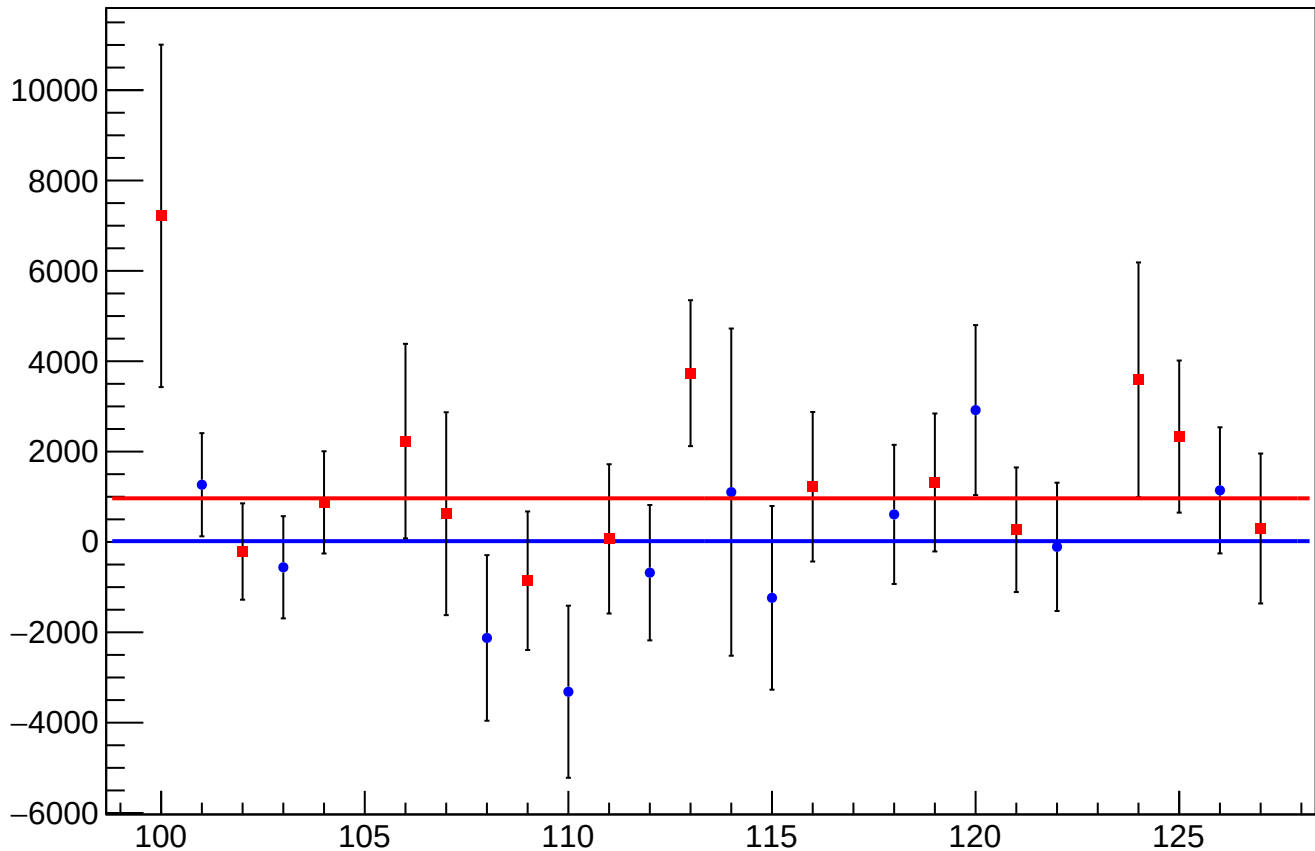
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1374.198+/-0.319 χ^2/NDF : 957285.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_dit_correction_mean vs Slug



Right In: 17.828 $\pm$ 466.304 χ^2 /NDF: 9.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 965.702 $\pm$ 426.267 χ^2 /NDF: 11.1/13

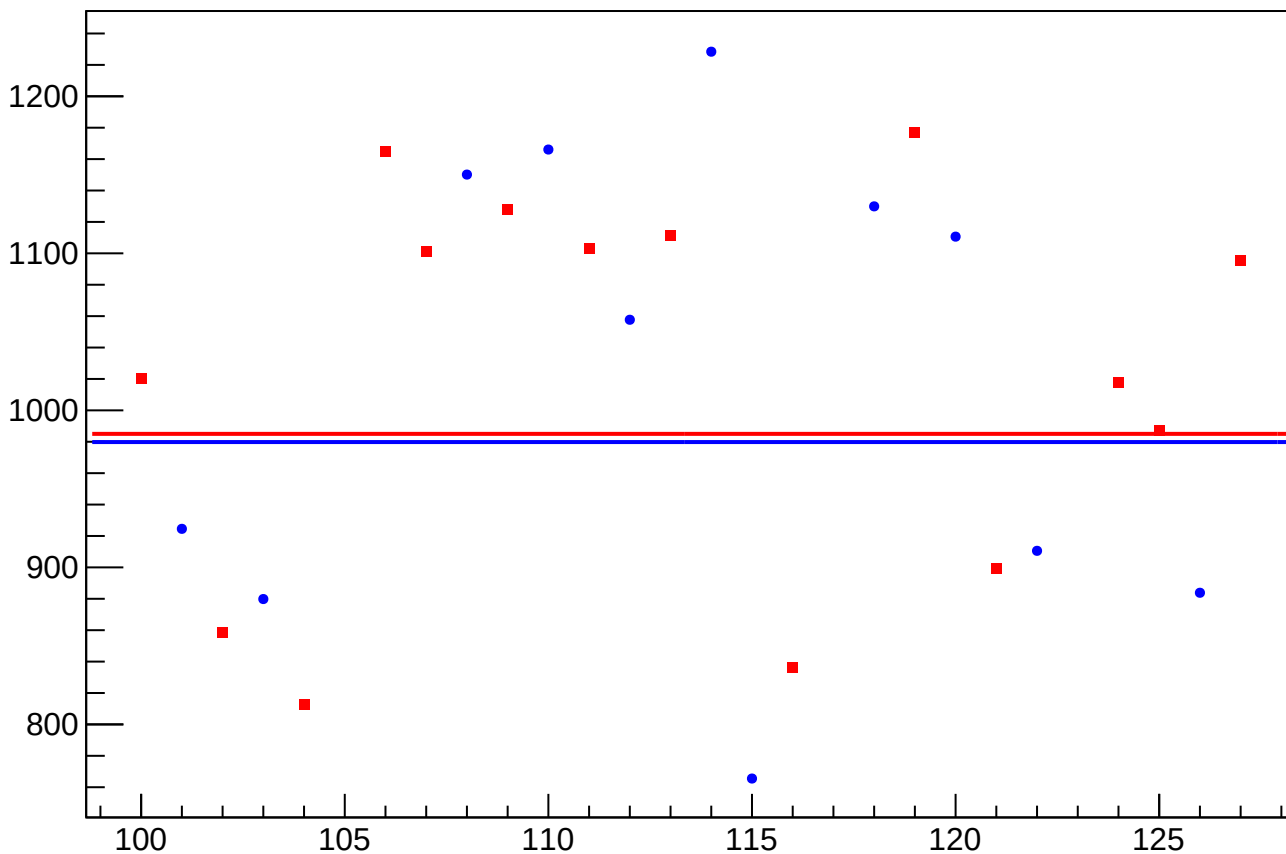
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 534.197 $\pm$ 314.620 χ^2 /NDF: 23.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_dit_correction_rms vs Slug



Right In: 979.811+/-0.330 χ^2/NDF : 136650.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 985.027+/-0.301 χ^2/NDF : 198313.4/13

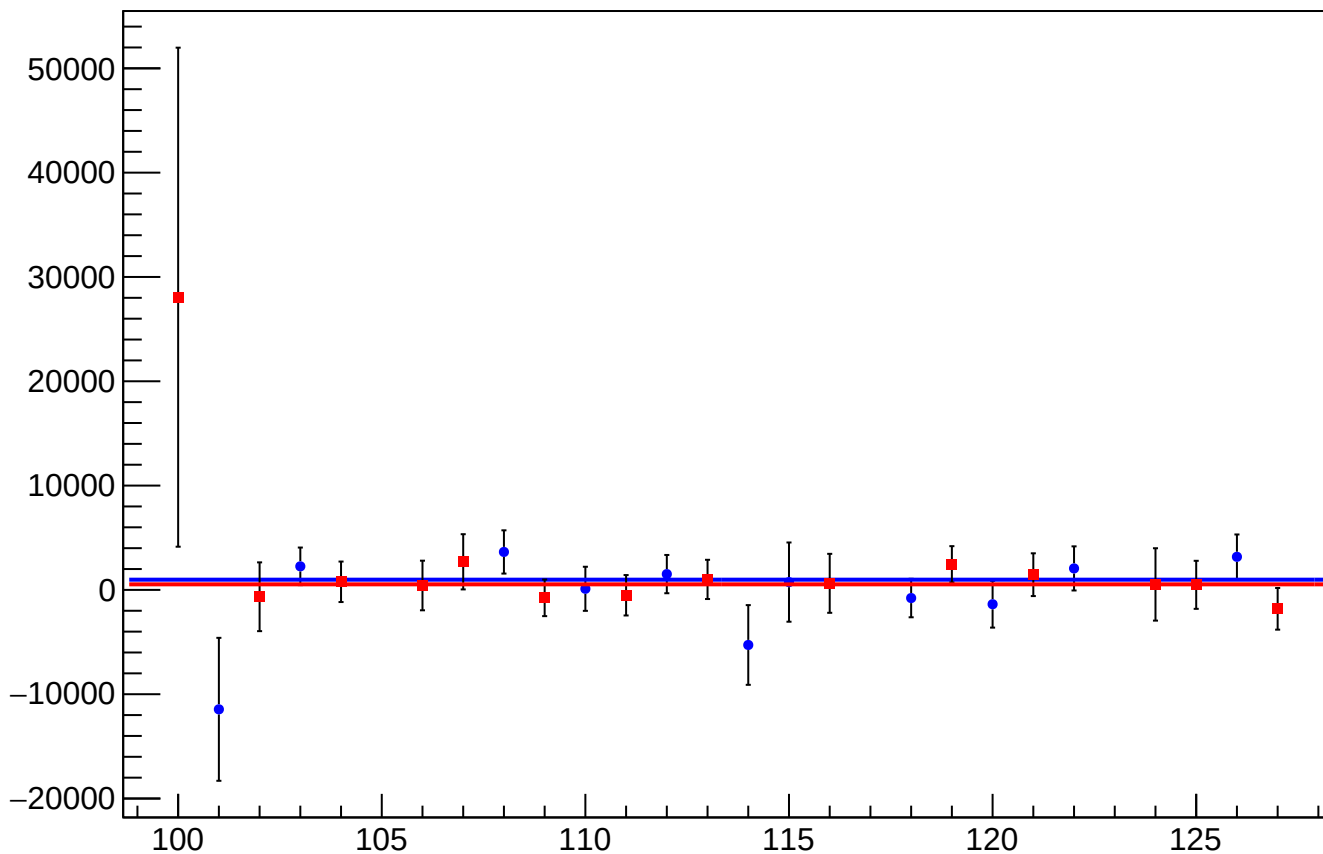
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 982.653+/-0.222 χ^2/NDF : 335100.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr1_dd_mean vs Slug



Right In: 980.011+/-681.275 χ^2/NDF : 11.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 532.602+/-600.801 χ^2/NDF : 5.9/13

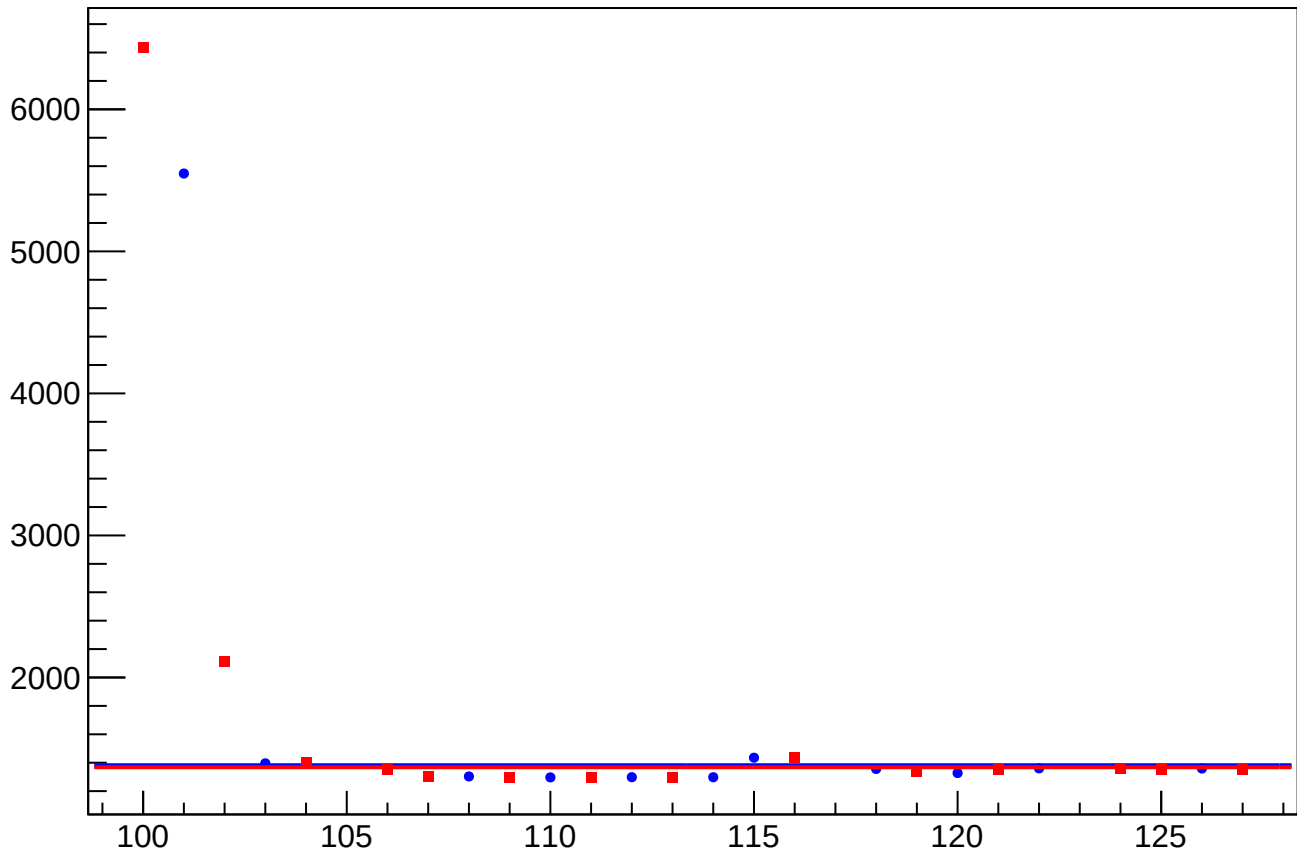
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 728.334+/-450.610 χ^2/NDF : 17.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr1_dd_rms vs Slug



Right In: 1382.157+/-0.482 χ^2/NDF : 753085.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1368.009+/-0.425 χ^2/NDF : 203714.5/13

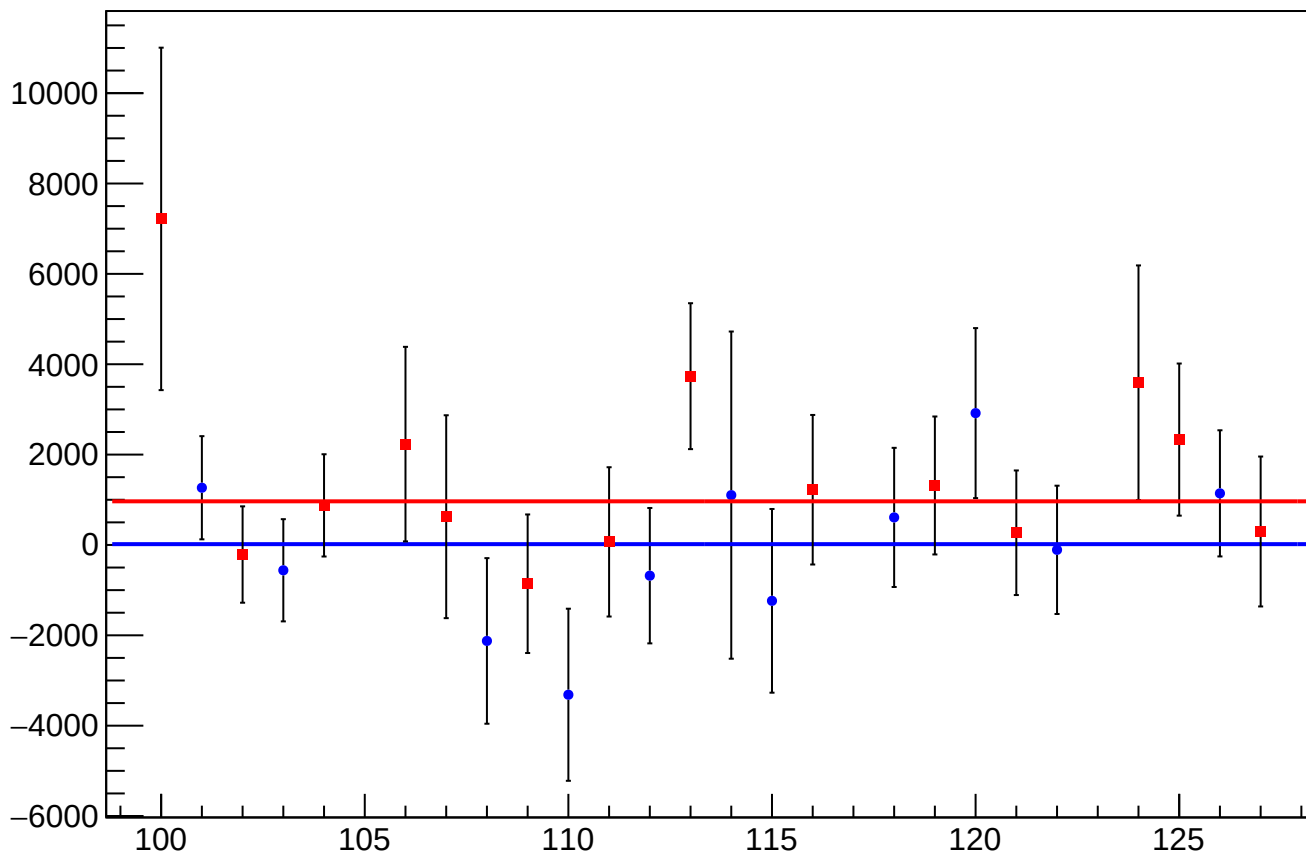
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1374.198+/-0.319 χ^2/NDF : 957285.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_dit_correction_mean vs Slug



Right In: 17.829+/-466.303 χ^2/NDF : 9.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 965.701+/-426.267 χ^2/NDF : 11.1/13

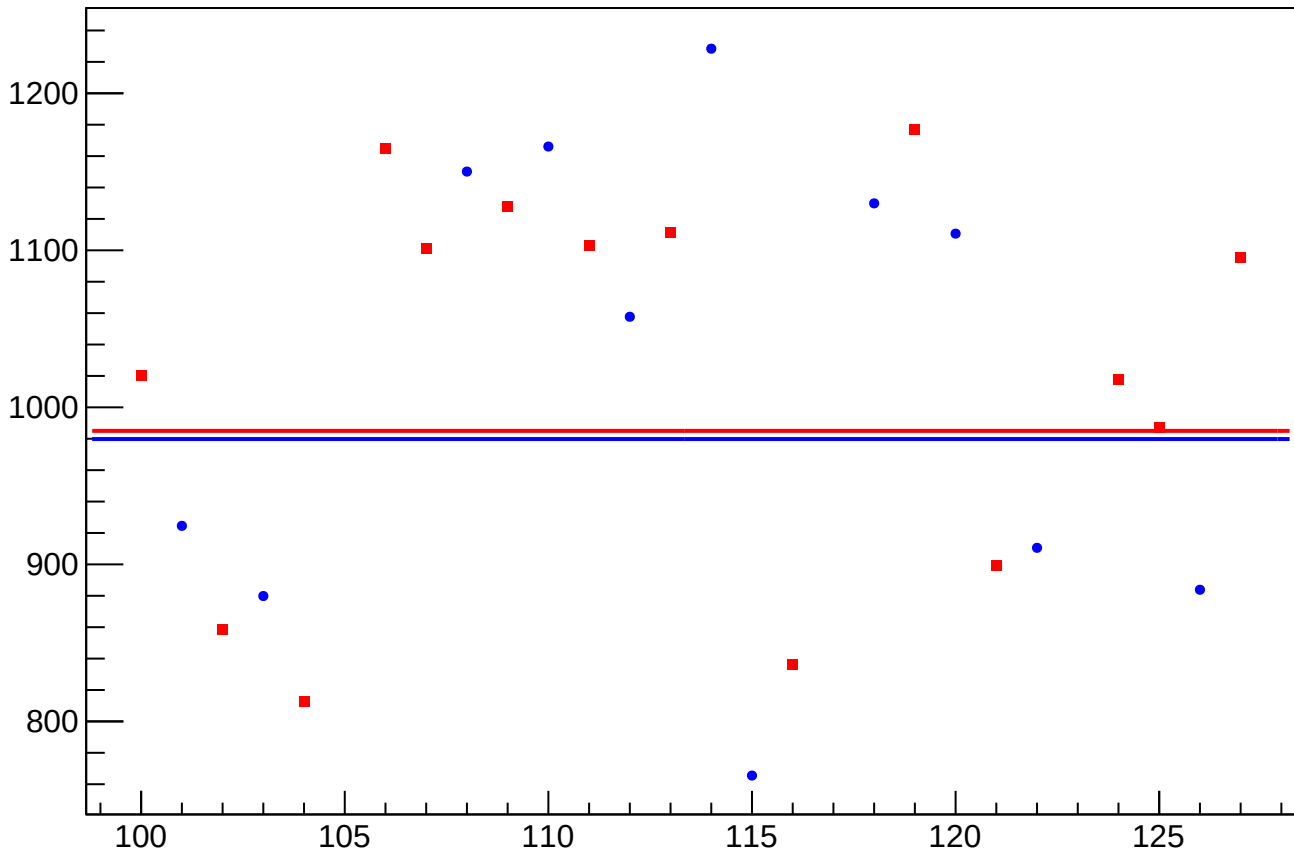
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 534.197+/-314.620 χ^2/NDF : 23.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_dit_correction_rms vs Slug



Right In: 979.809+/-0.330 χ^2/NDF : 136648.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 985.027+/-0.301 χ^2/NDF : 198308.8/13

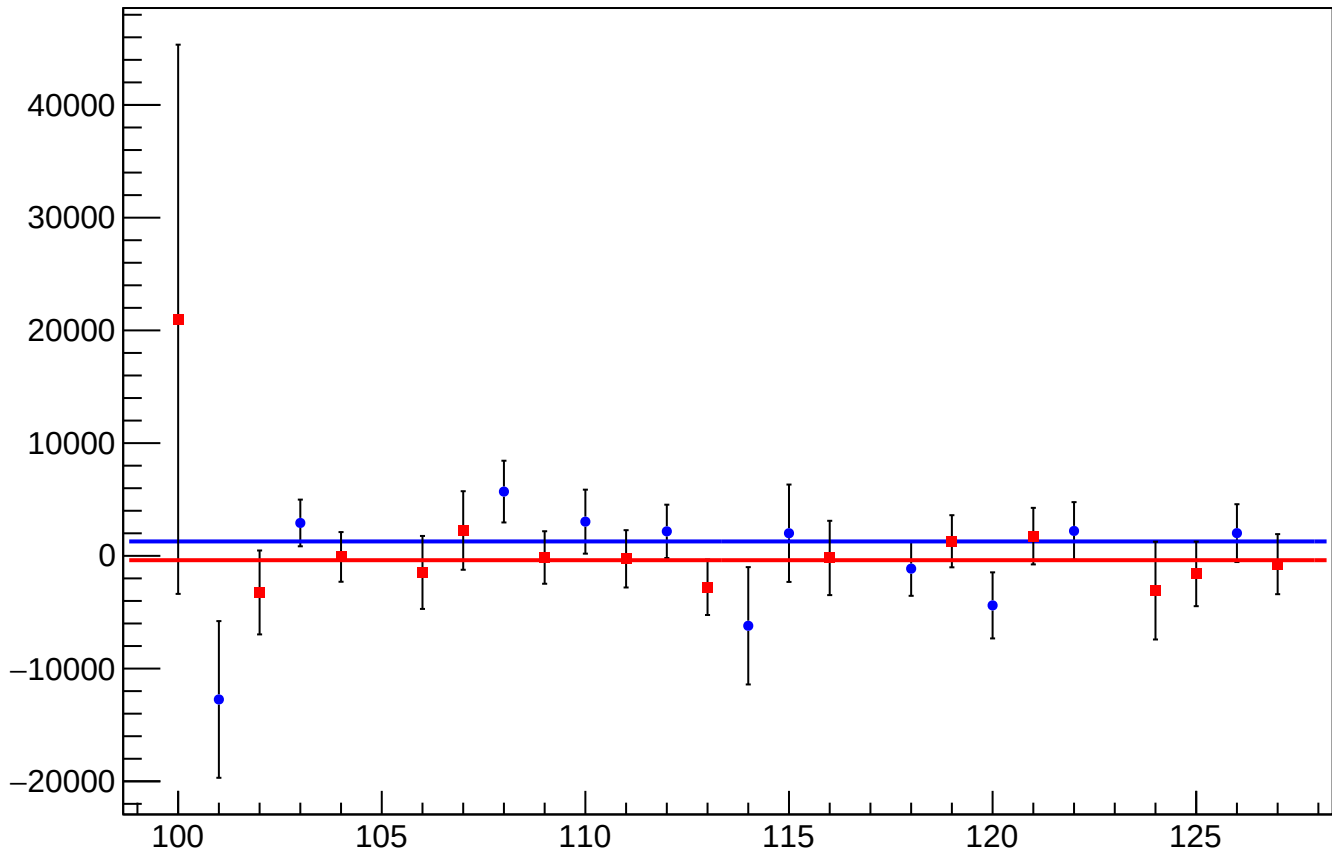
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 982.651+/-0.222 χ^2/NDF : 335093.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_mean vs Slug



Right In: 1279.320+/-852.992 χ^2/NDF : 14.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -385.652+/-763.382 χ^2/NDF : 4.9/13

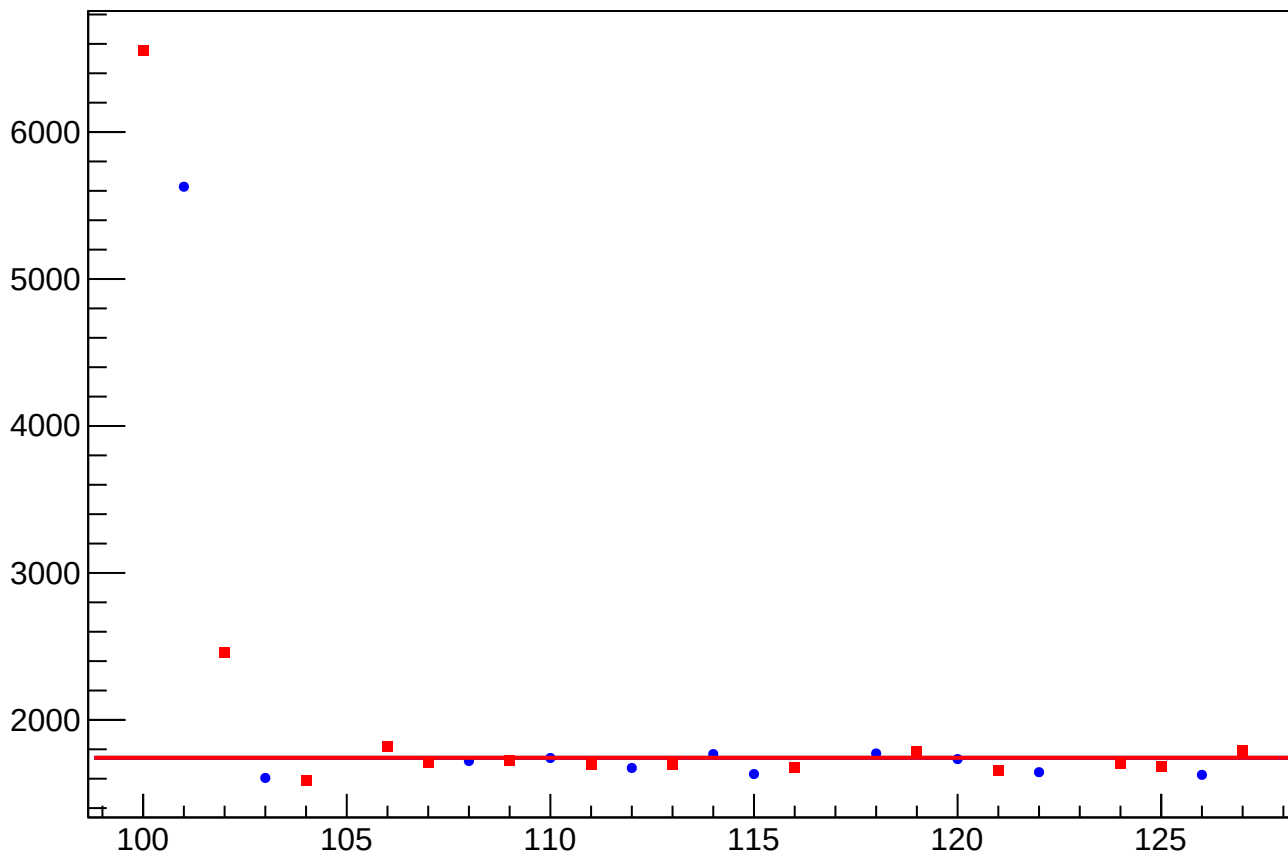
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 354.813+/-568.845 χ^2/NDF : 21.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_rms vs Slug



Right In: 1741.824+/-0.603 χ^2/NDF : 644379.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1742.506+/-0.540 χ^2/NDF : 170253.4/13

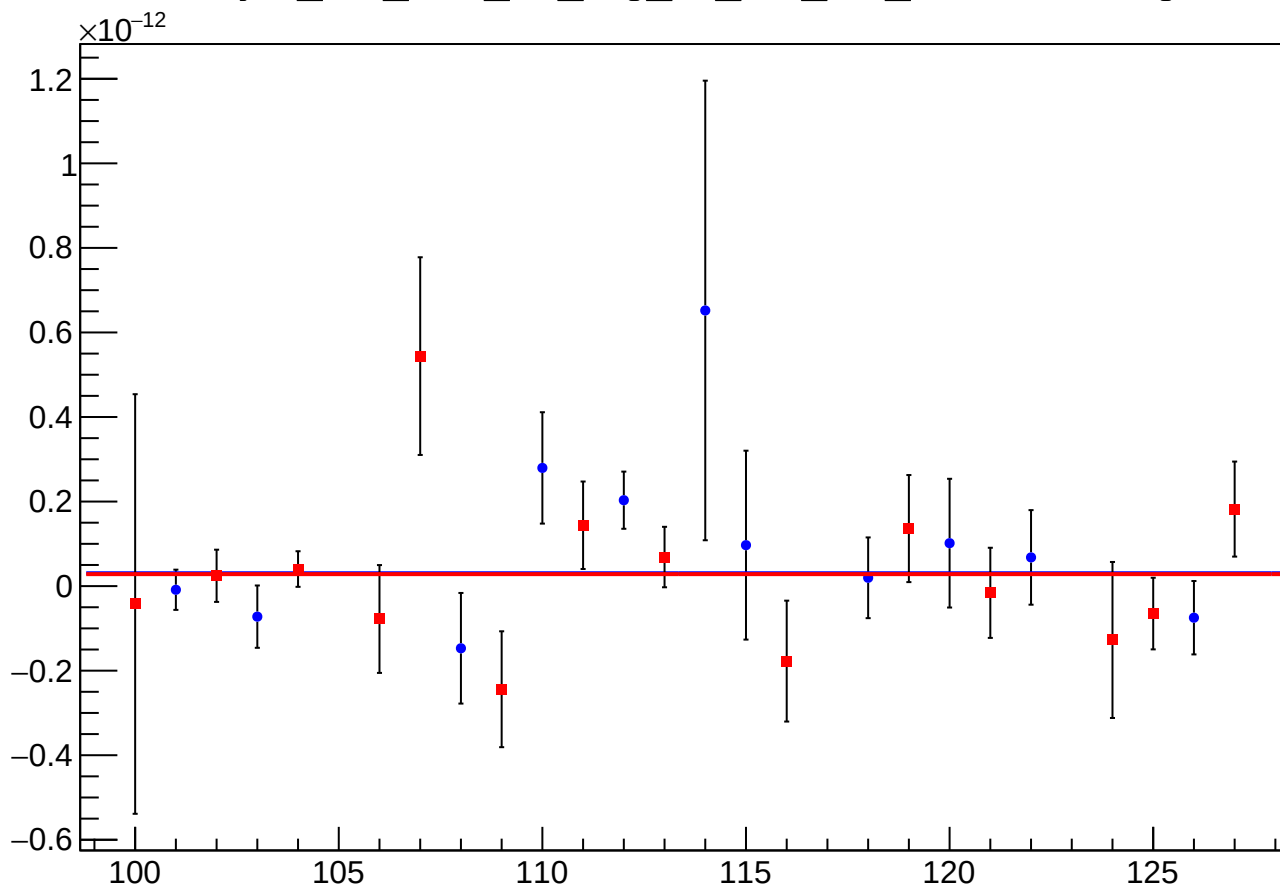
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1742.203+/-0.402 χ^2/NDF : 814633.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 17.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.9/13

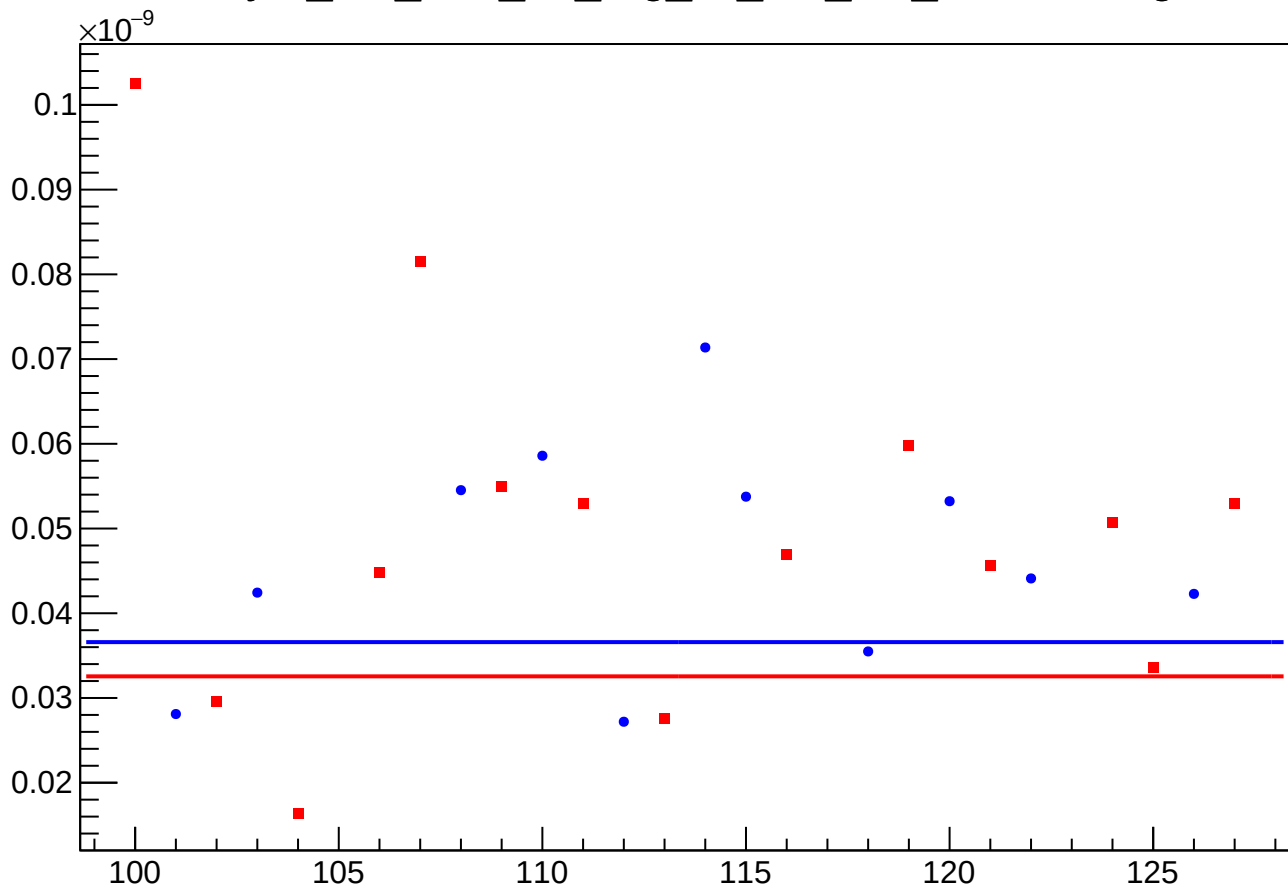
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 35.7/24

- sign 0.000+/-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 : 269981.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 816219.4/13

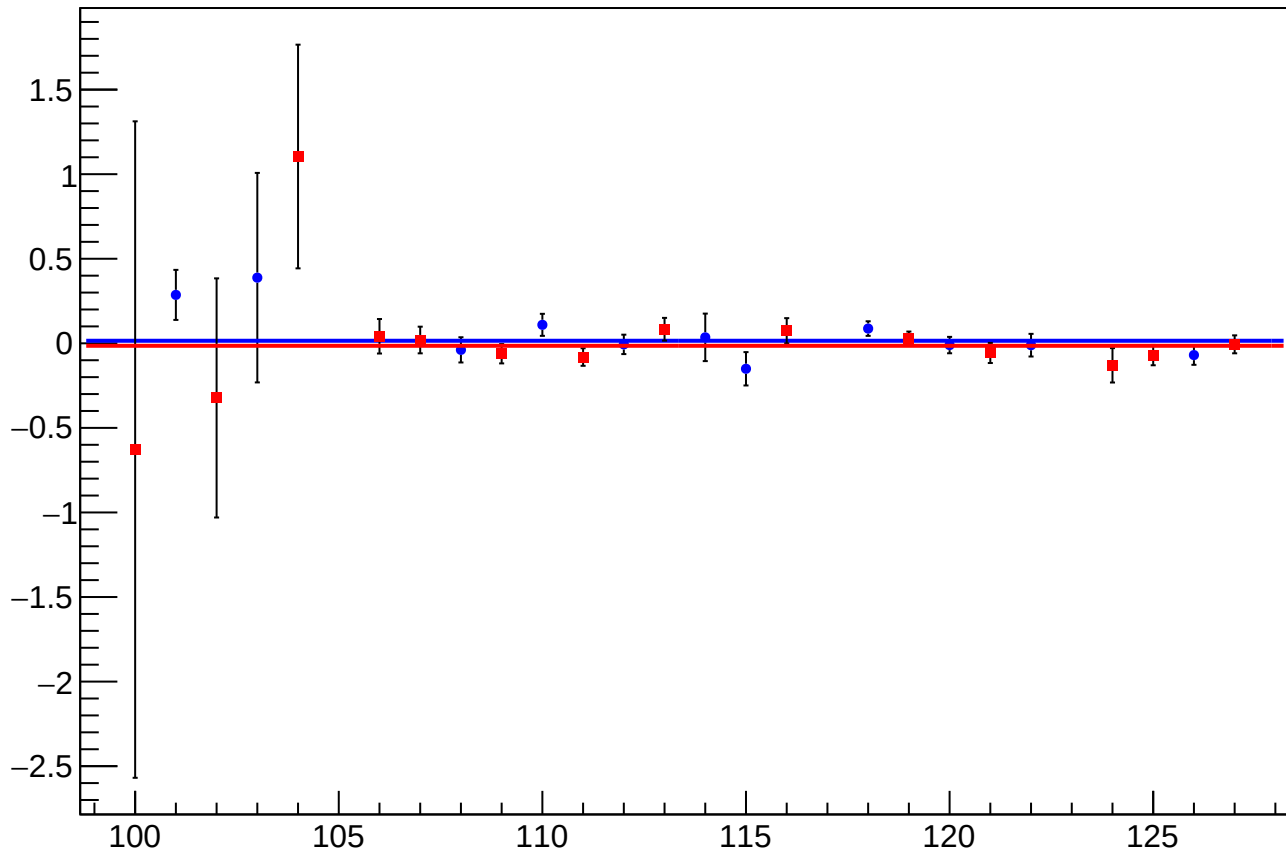
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1110762.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.015+/-0.020 χ^2/NDF : 14.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.015+/-0.018 χ^2/NDF : 13.2/13

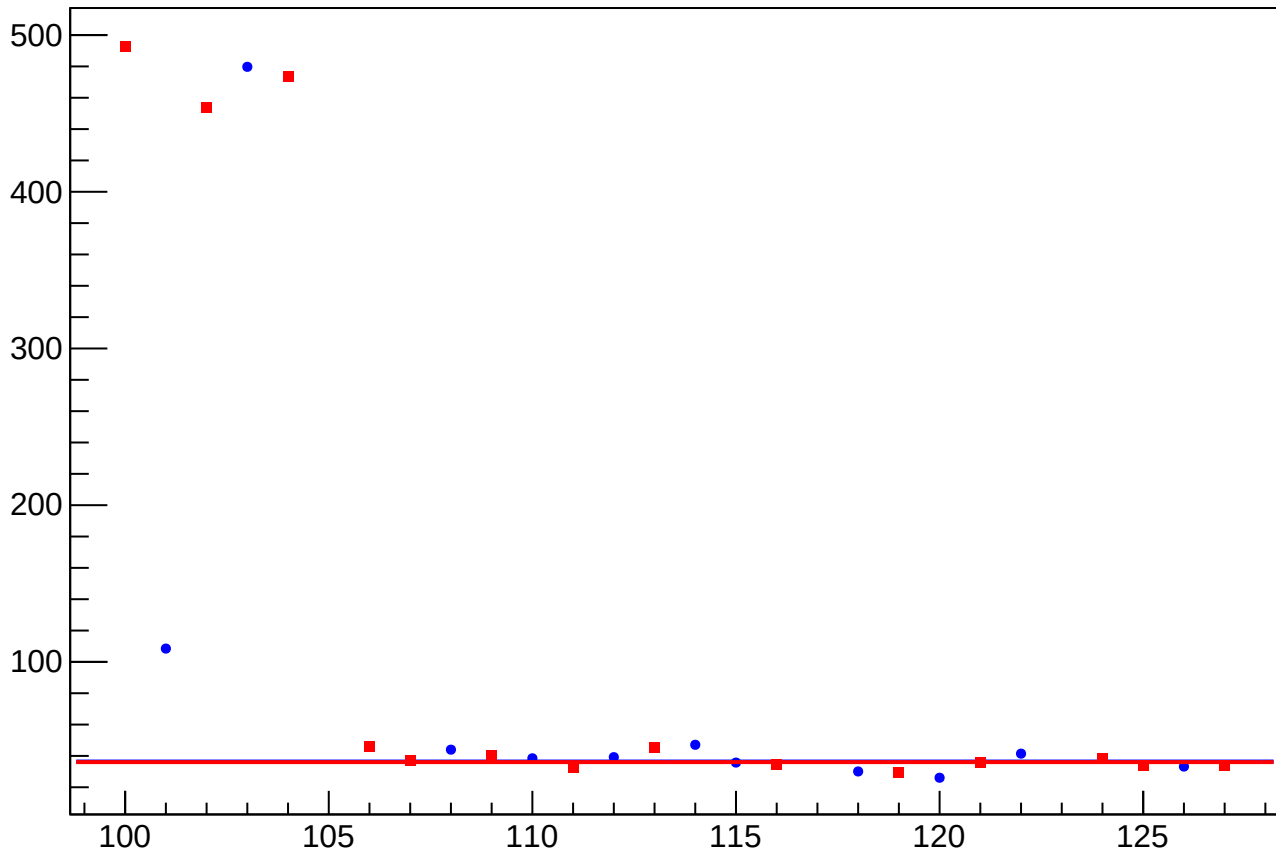
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.014 χ^2/NDF : 29.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_dit_vs_cor_diff_rms vs Slug



Right In: 36.401 $\pm$ 0.014 χ^2 /NDF: 1690402.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 36.048 $\pm$ 0.013 χ^2 /NDF: 1813299.1/13

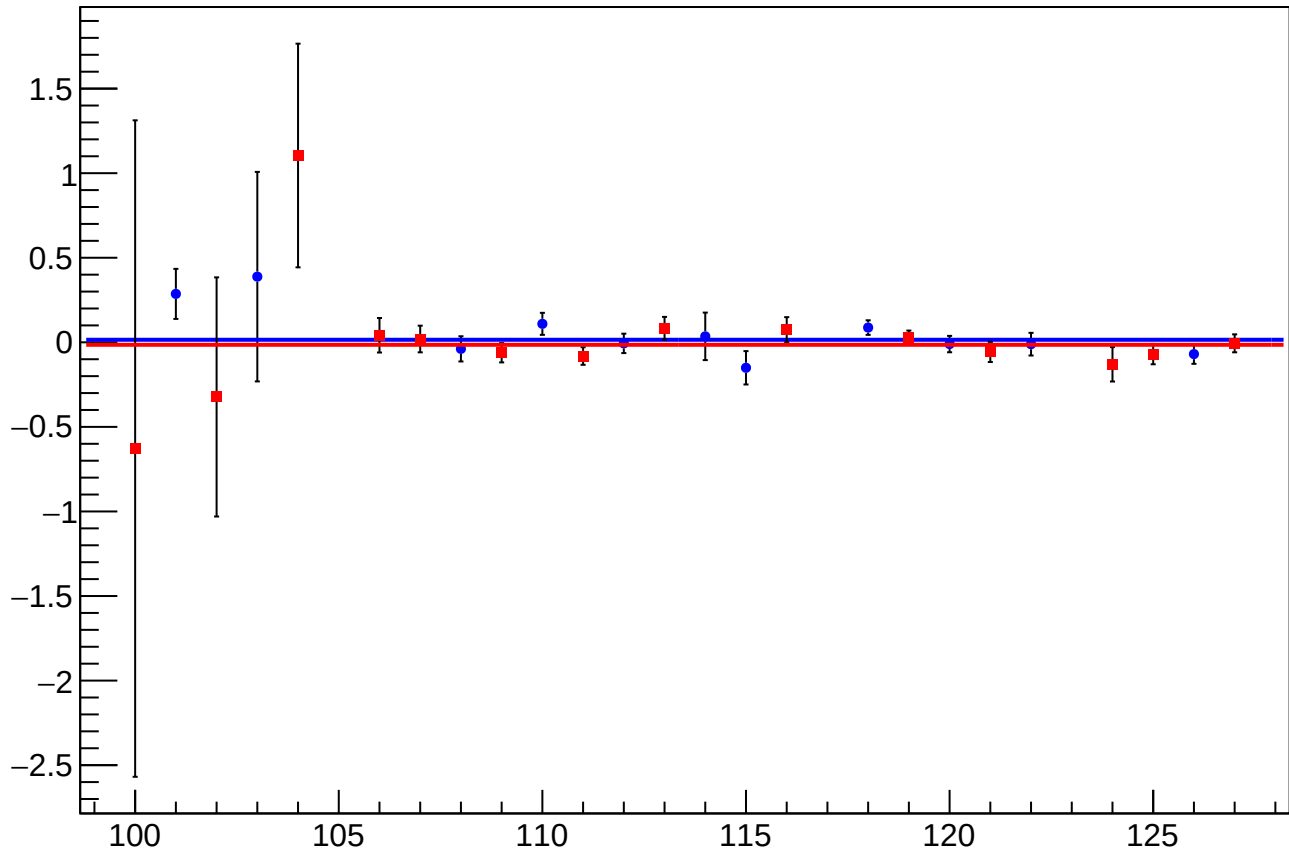
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.207 $\pm$ 0.010 χ^2 /NDF: 3504030.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.015+/-0.020 χ^2/NDF : 14.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.015+/-0.018 χ^2/NDF : 13.2/13

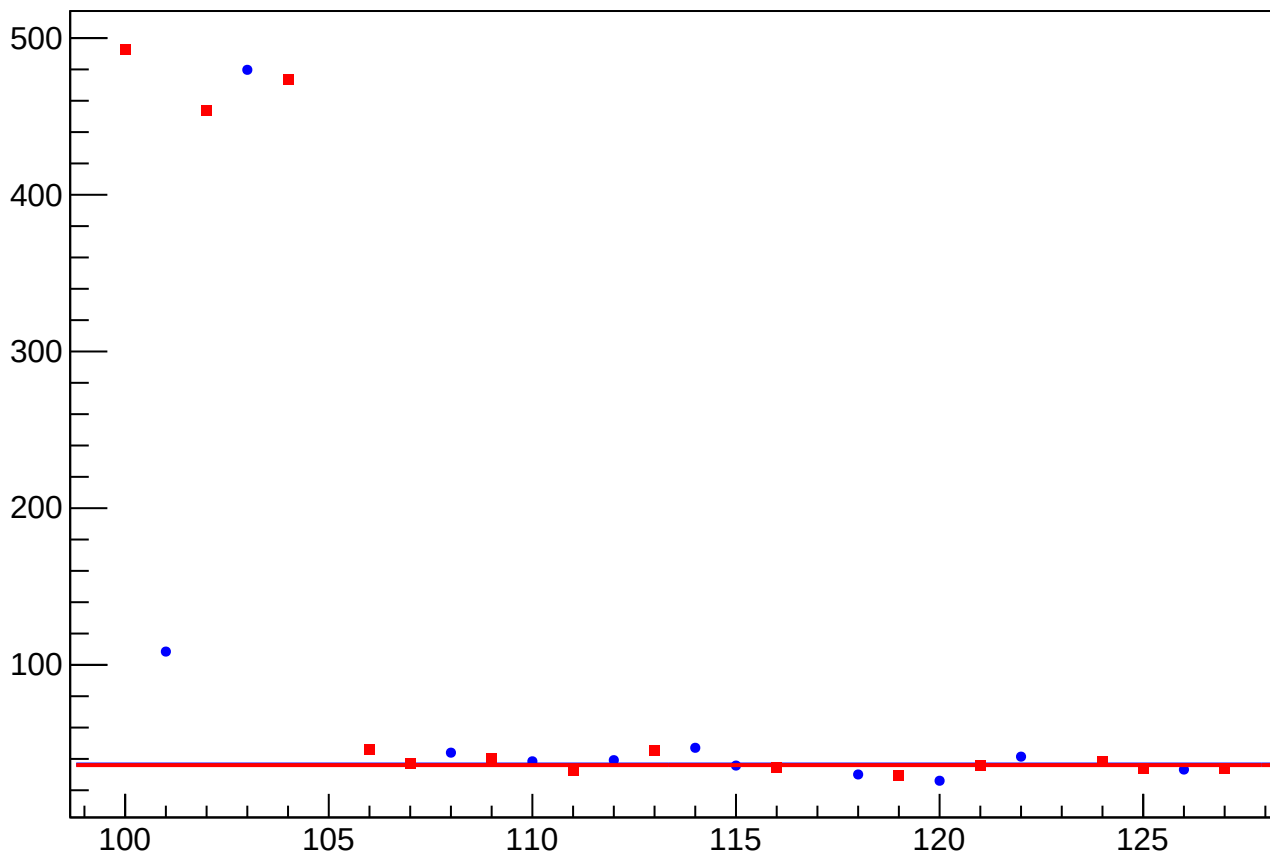
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.014 χ^2/NDF : 29.1/24

- 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: 36.401 $\pm$ 0.014 χ^2 /NDF: 1690402.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 36.048 $\pm$ 0.013 χ^2 /NDF: 1813299.1/13

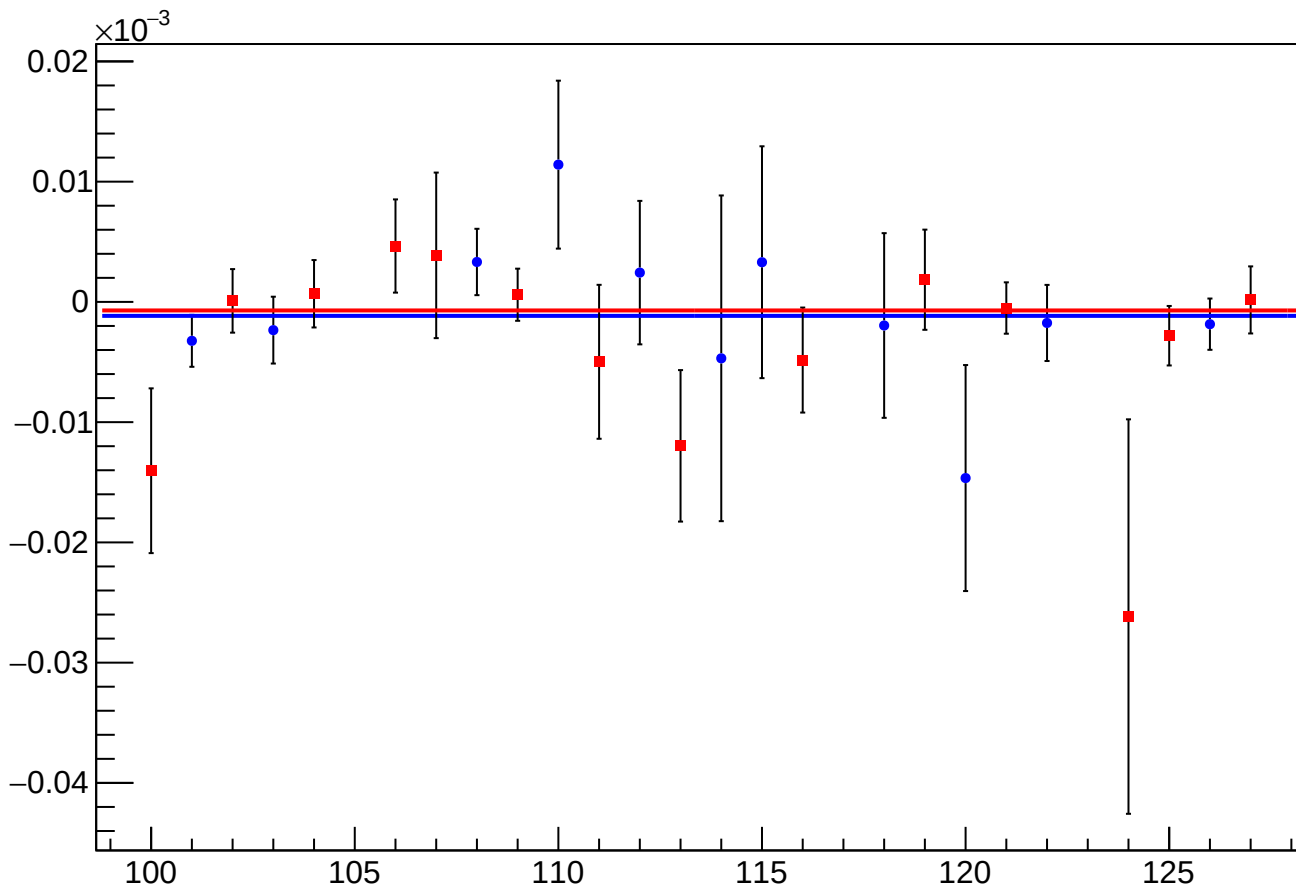
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.207 $\pm$ 0.010 χ^2 /NDF: 3504030.9/24

- sign 0.000 $\pm$ 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 : 9.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.0/13

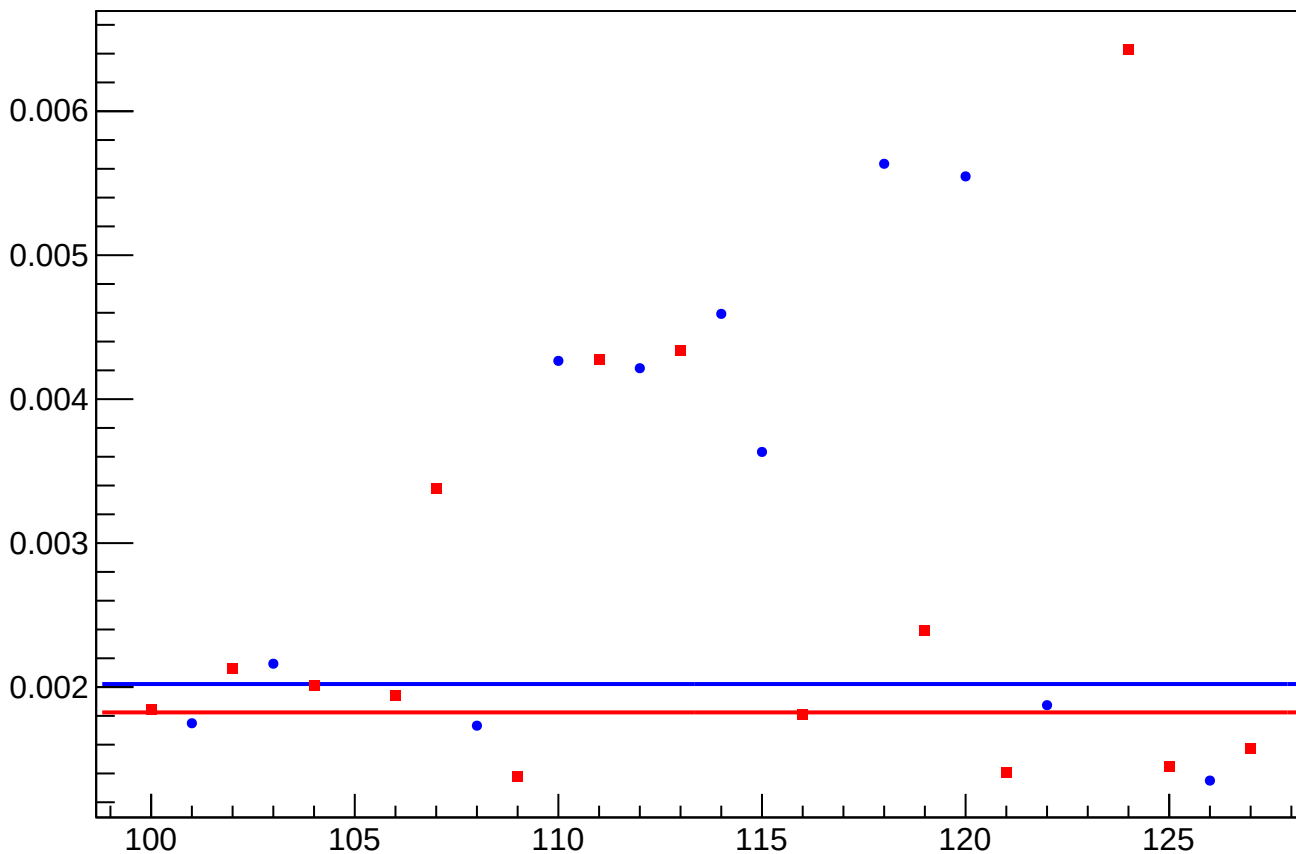
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.9/24

- 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 : 1590840.1/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1170804.4/13

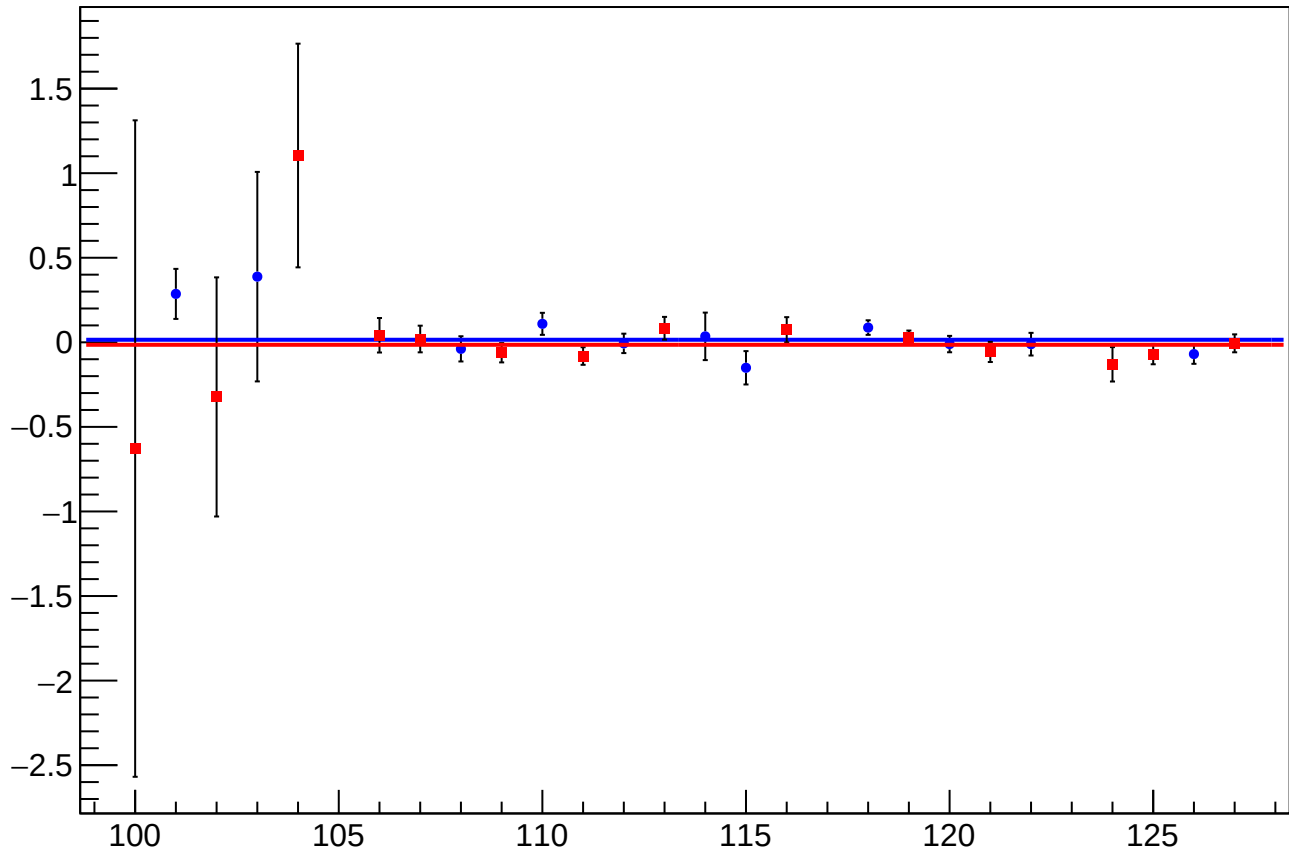
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2802157.5/24

- 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: 0.015+/-0.020 χ^2/NDF : 14.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.015+/-0.018 χ^2/NDF : 13.2/13

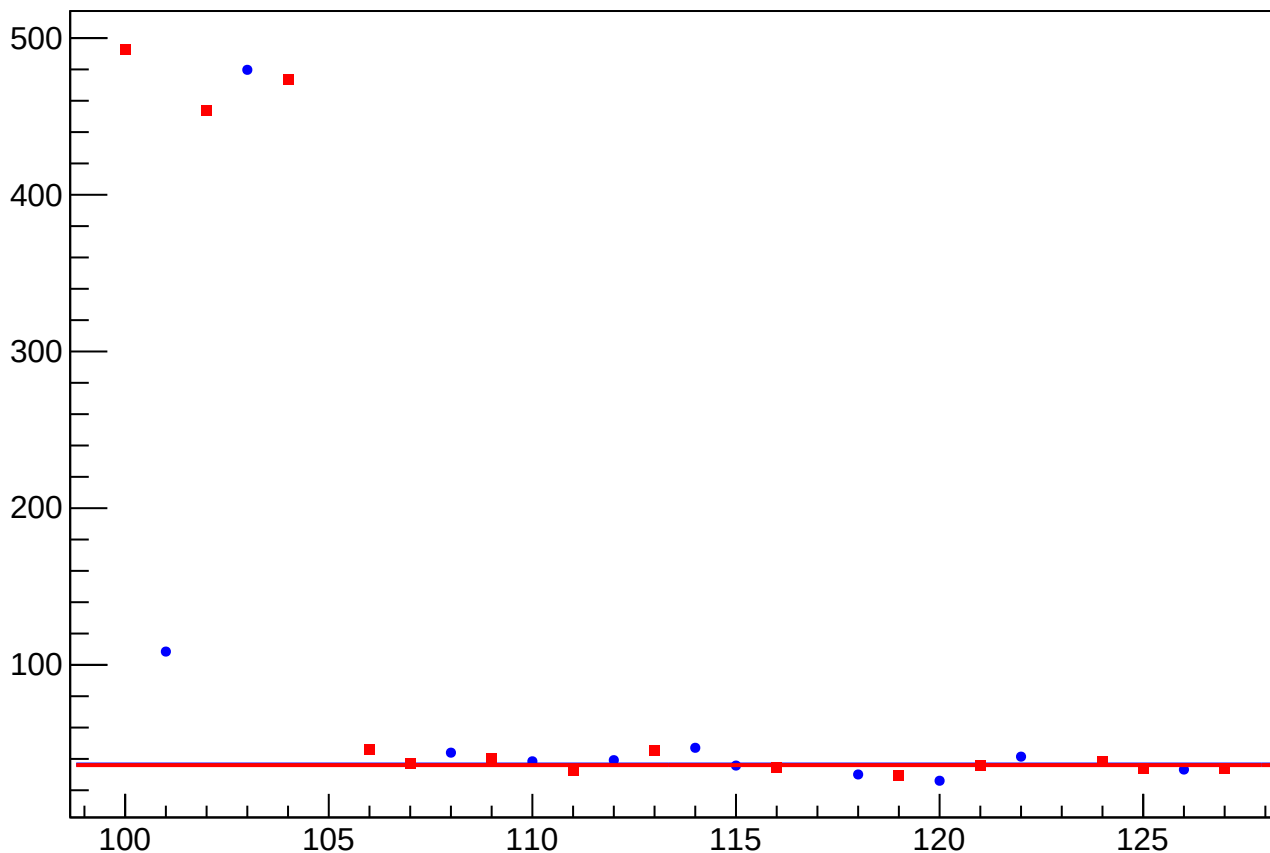
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.014 χ^2/NDF : 29.1/24

- 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: 36.400+/-0.014 χ^2/NDF : 1690414.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

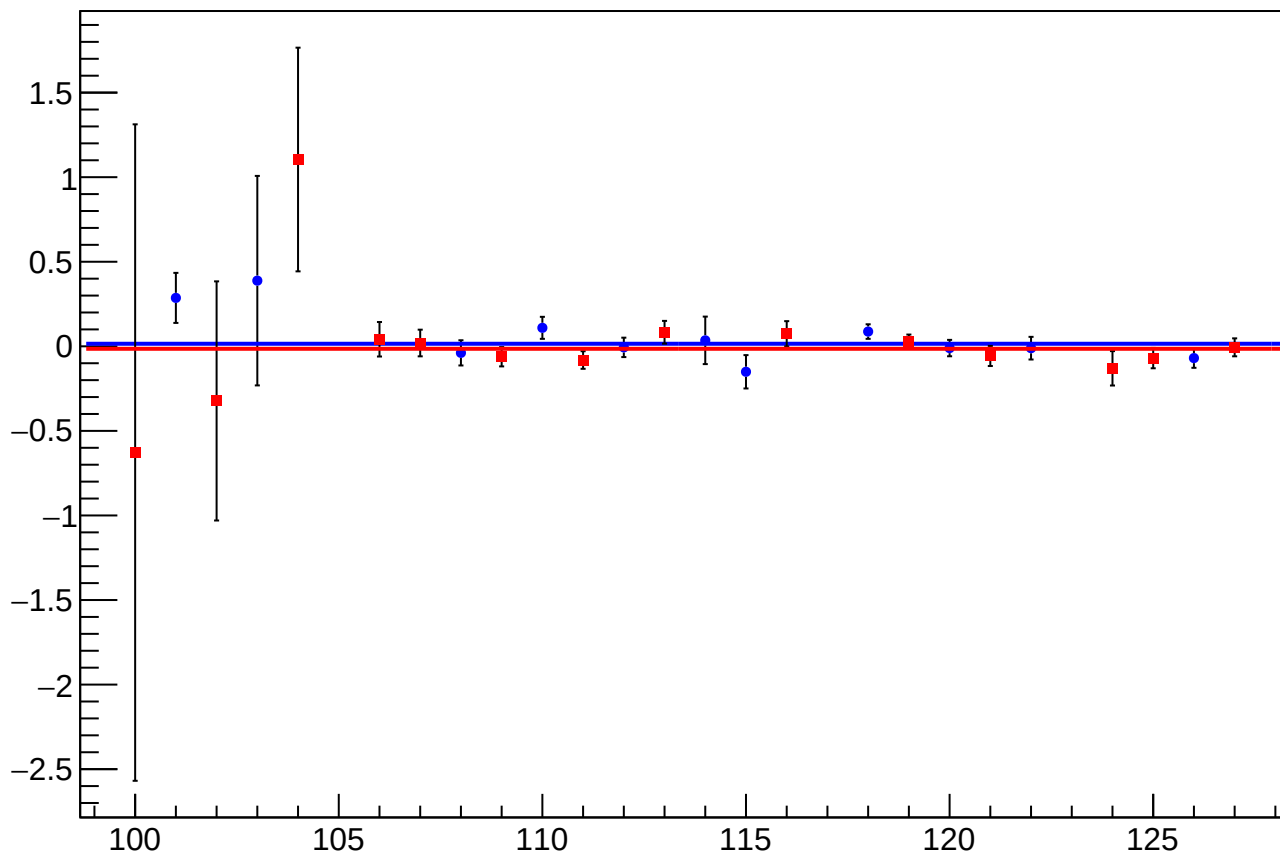
Right Out: 36.046+/-0.013 χ^2/NDF : 1813358.2/13

All: 36.206+/-0.010 χ^2/NDF : 3504104.0/24

- 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_atr1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.015+/-0.020 χ^2/NDF : 14.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.015+/-0.018 χ^2/NDF : 13.2/13

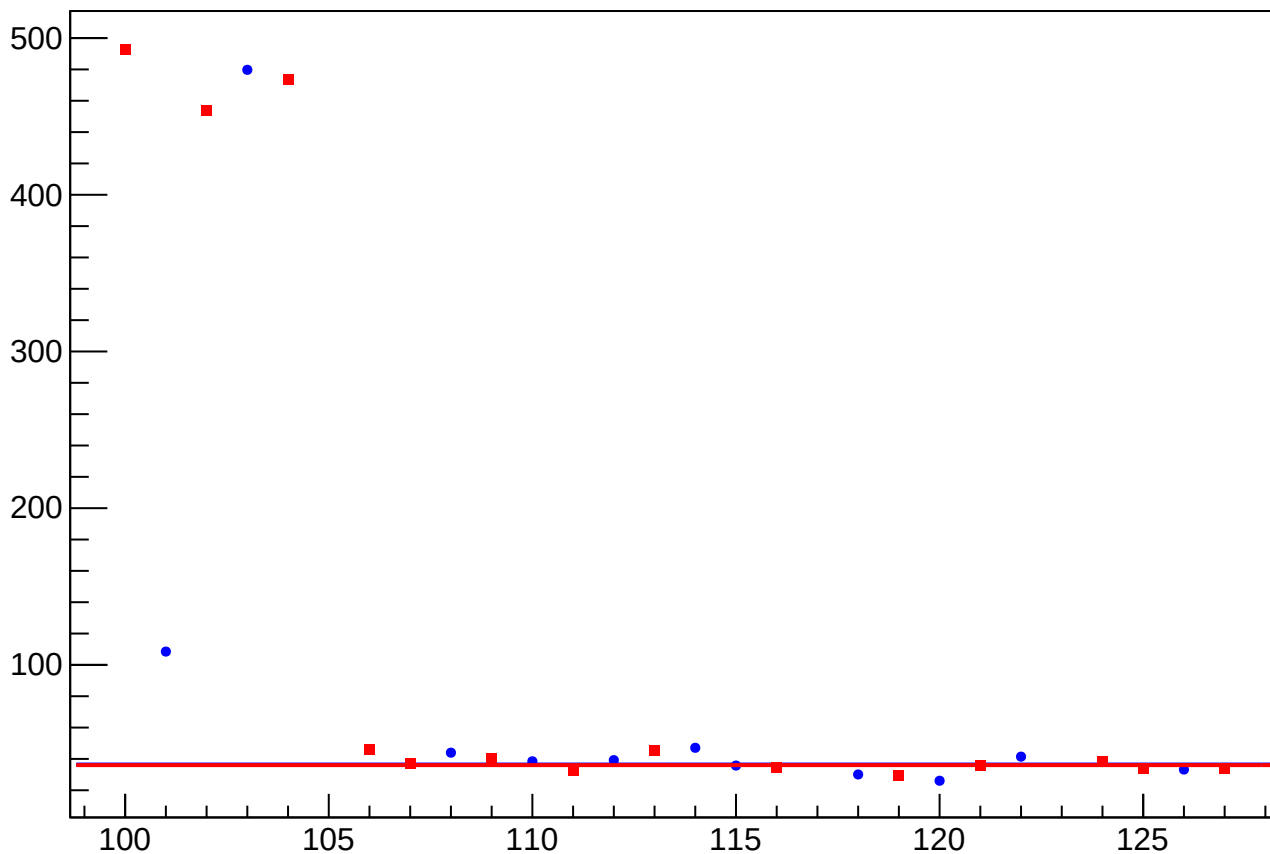
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.014 χ^2/NDF : 29.1/24

- 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: 36.400 $\pm$ 0.014 χ^2 /NDF: 1690414.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 36.046 $\pm$ 0.013 χ^2 /NDF: 1813358.2/13

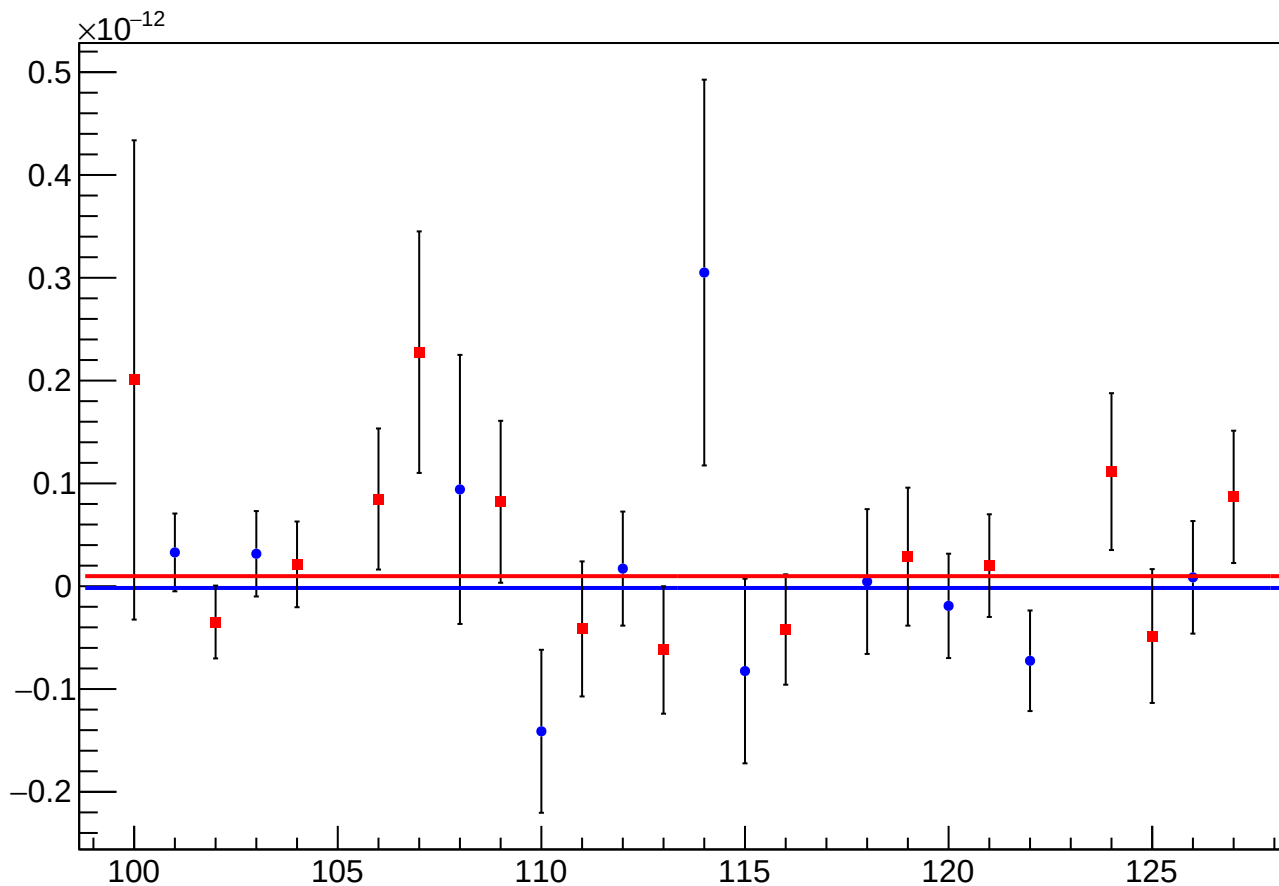
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.206 $\pm$ 0.010 χ^2 /NDF: 3504104.0/24

- sign 0.000 $\pm$ 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 : 11.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 14.8/13

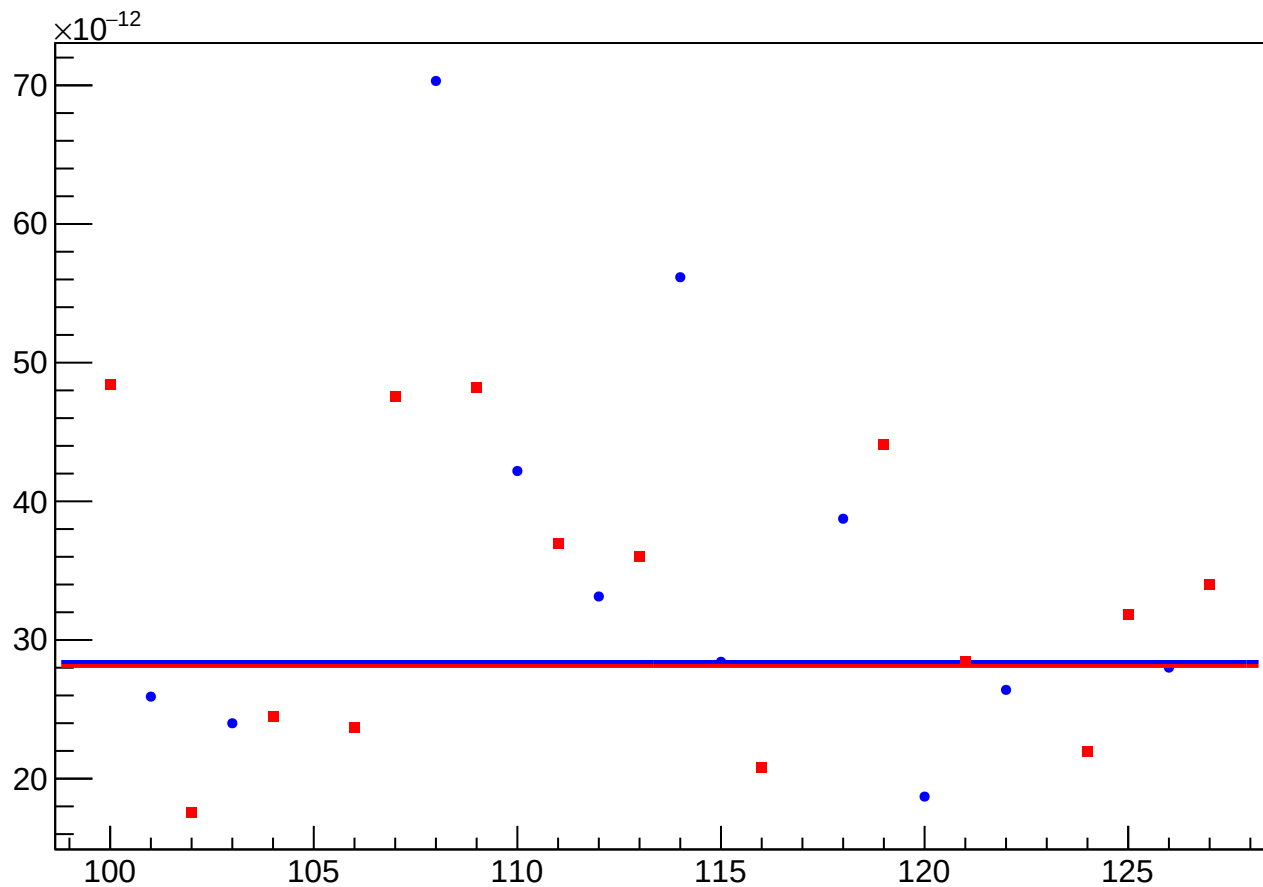
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 26.0/24

- 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 : 474836.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 657724.0/13

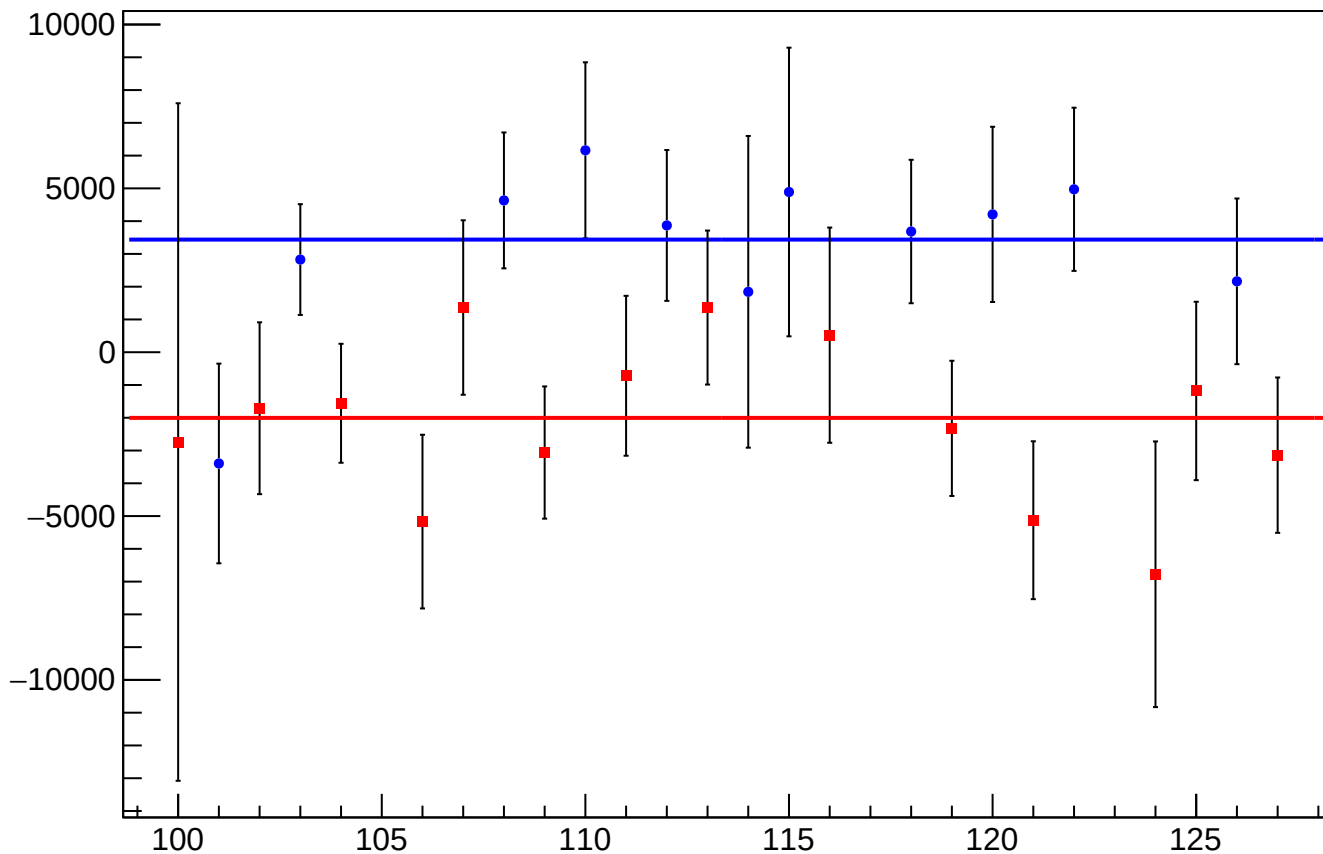
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1132846.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_avg_mean vs Slug



Right In: 3437.016+/-749.521 χ^2 /NDF: 7.5/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2003.764+/-672.614 χ^2 /NDF: 9.7/13

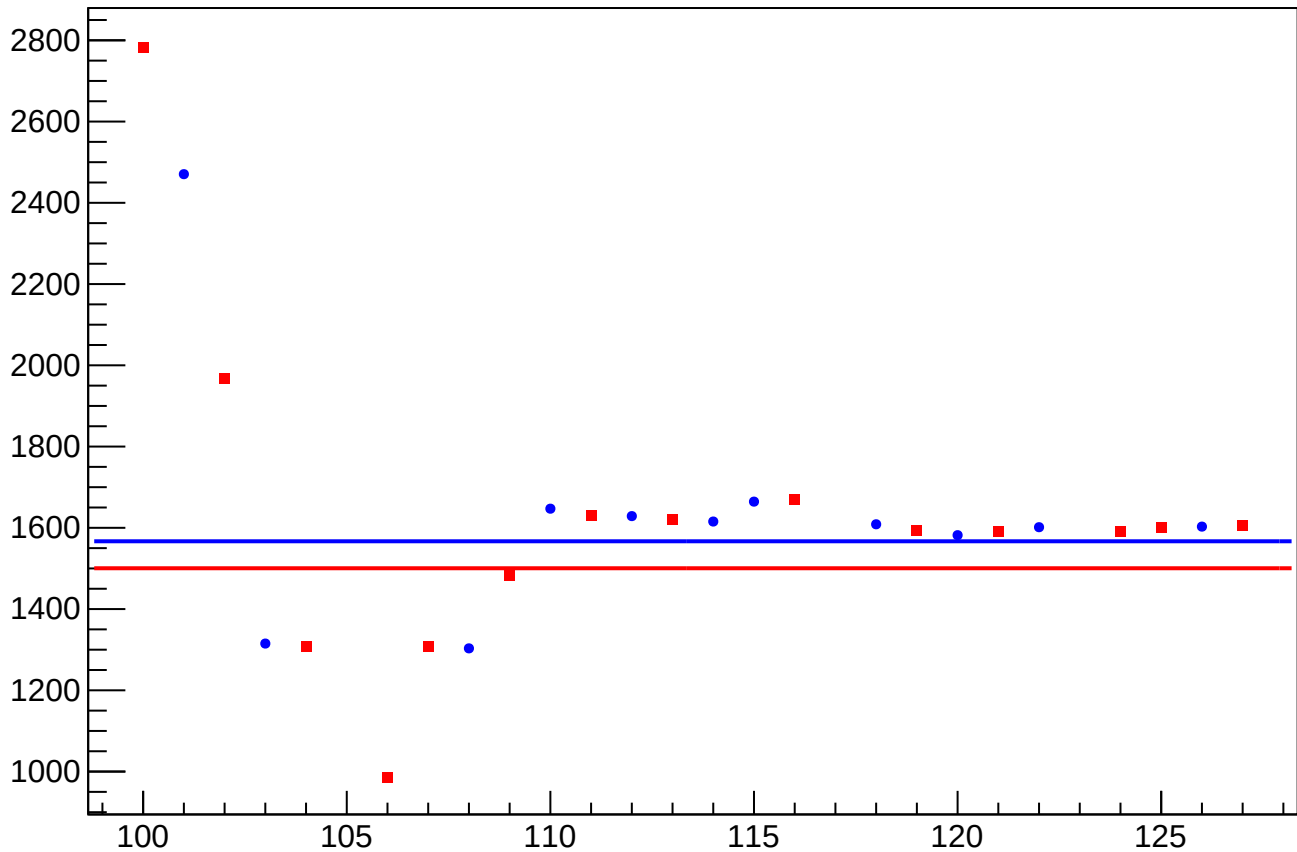
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 423.255+/-500.599 χ^2 /NDF: 46.4/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr2_avg_rms vs Slug



Right In: 1566.855 $\pm$ 0.530 χ^2 /NDF: 258649.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1500.453 $\pm$ 0.465 χ^2 /NDF: 285663.5/13

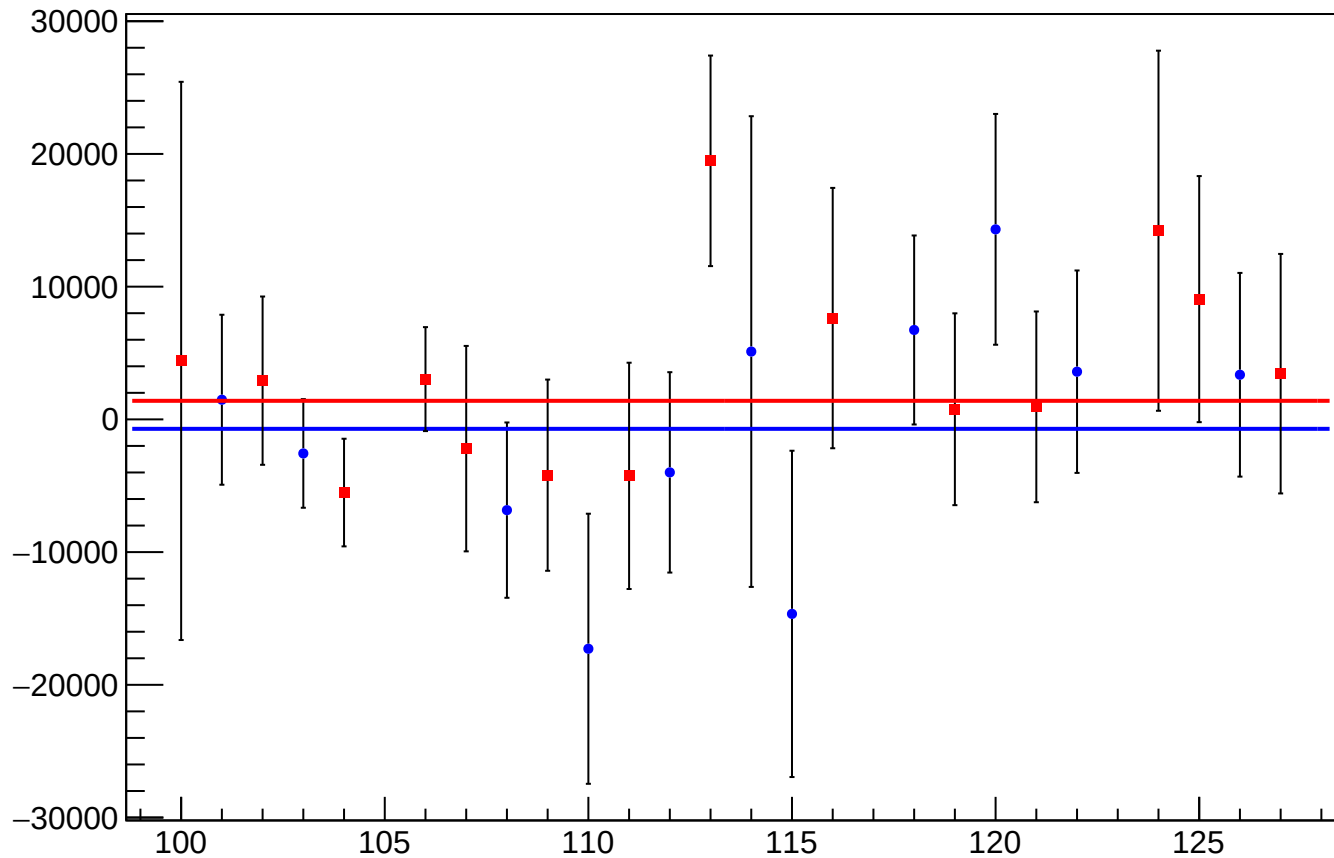
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1529.357 $\pm$ 0.350 χ^2 /NDF: 553177.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_reg_correction_mean vs Slug



Right In: -712.410+/-2176.332 χ^2/NDF : 10.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1398.361+/-1834.819 χ^2/NDF : 11.7/13

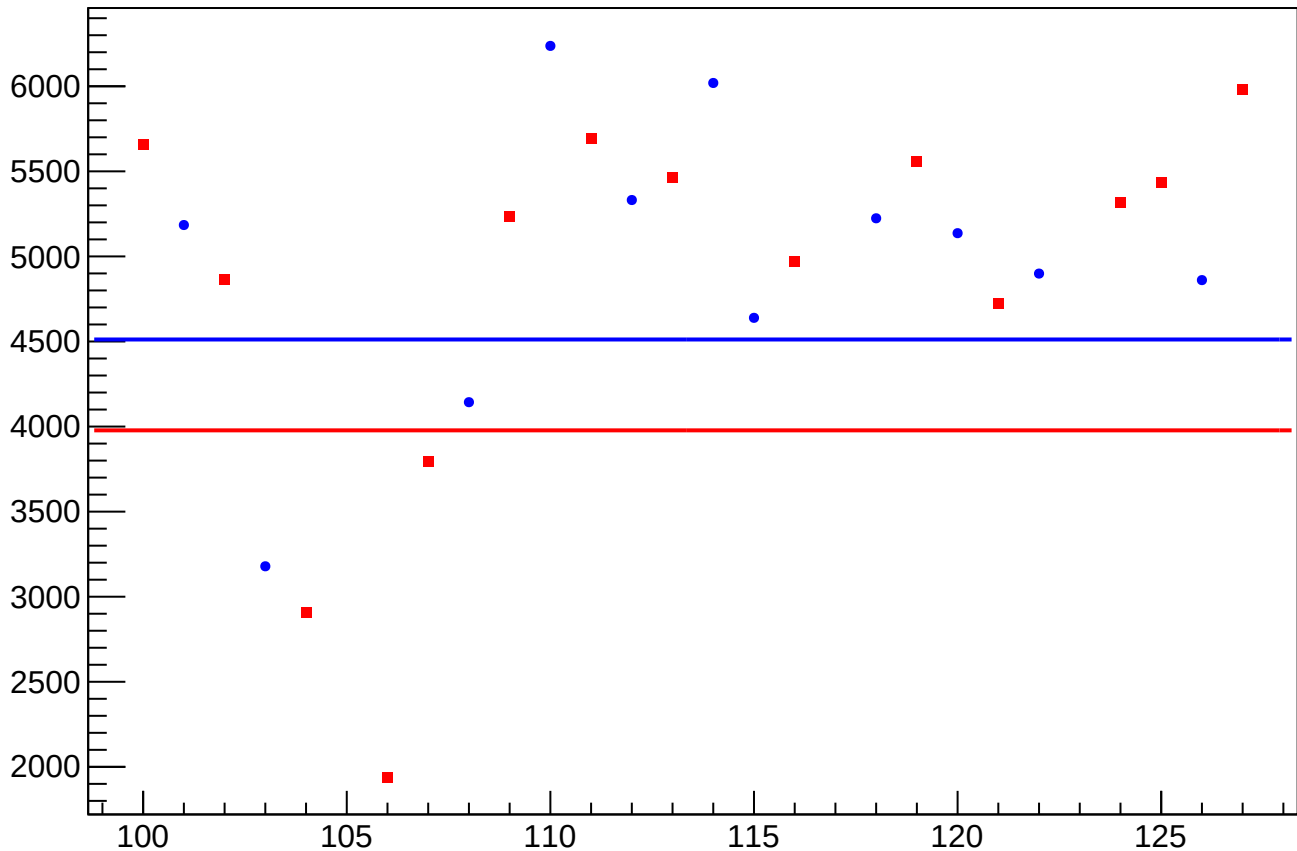
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 521.395+/-1402.800 χ^2/NDF : 22.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_reg_correction_rms vs Slug



Right In: 4511.749+/-1.539 χ^2/NDF : 375807.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

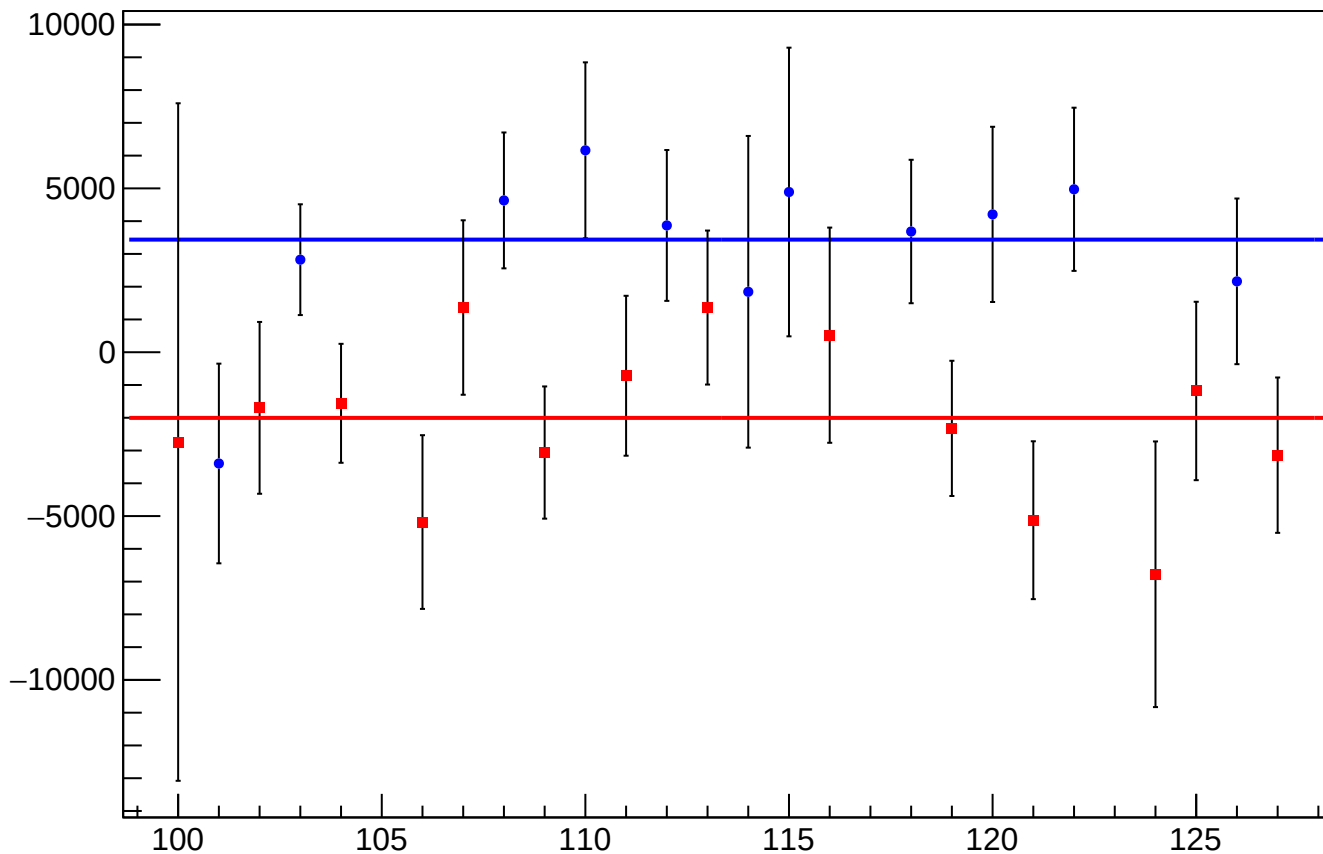
Right Out: 3977.710+/-1.297 χ^2/NDF : 1252000.9/13

All: 4199.588+/-0.992 χ^2/NDF : 1698201.8/24

- 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_usr_atr2_avg_mean vs Slug



Right In: 3436.541+/-749.521 χ^2 /NDF: 7.5/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2003.856+/-672.619 χ^2 /NDF: 9.7/13

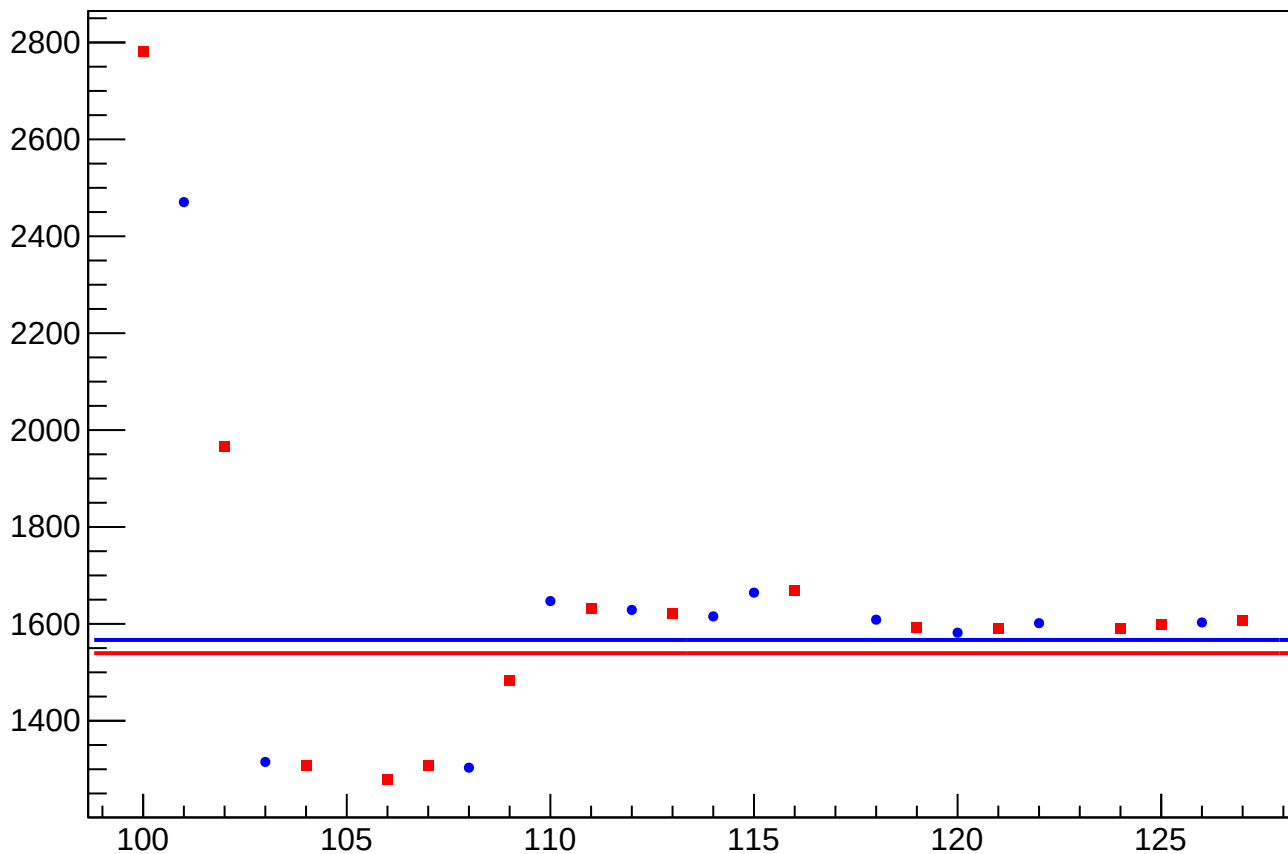
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 423.009+/-500.601 χ^2 /NDF: 46.4/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_asym_usr_atr2_avg_rms vs Slug



Right In: 1566.856+/-0.530 χ^2/NDF : 258648.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

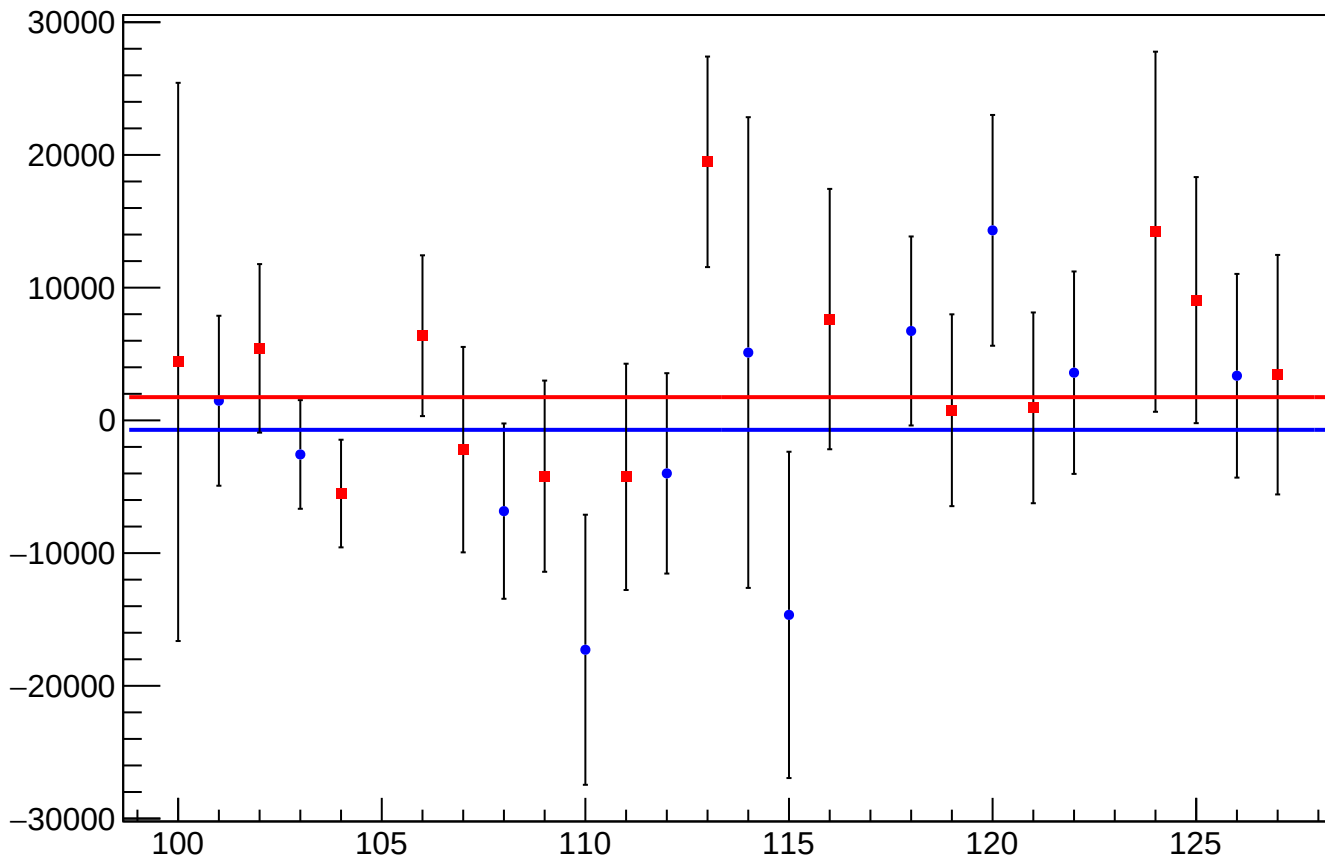
Right Out: 1539.579+/-0.473 χ^2/NDF : 167476.5/13

All: 1551.677+/-0.353 χ^2/NDF : 427599.0/24

- 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_cor_correction_mean vs Slug



Right In: -712.687+/-2176.394 χ^2/NDF : 10.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1750.691+/-1964.833 χ^2/NDF : 12.5/13

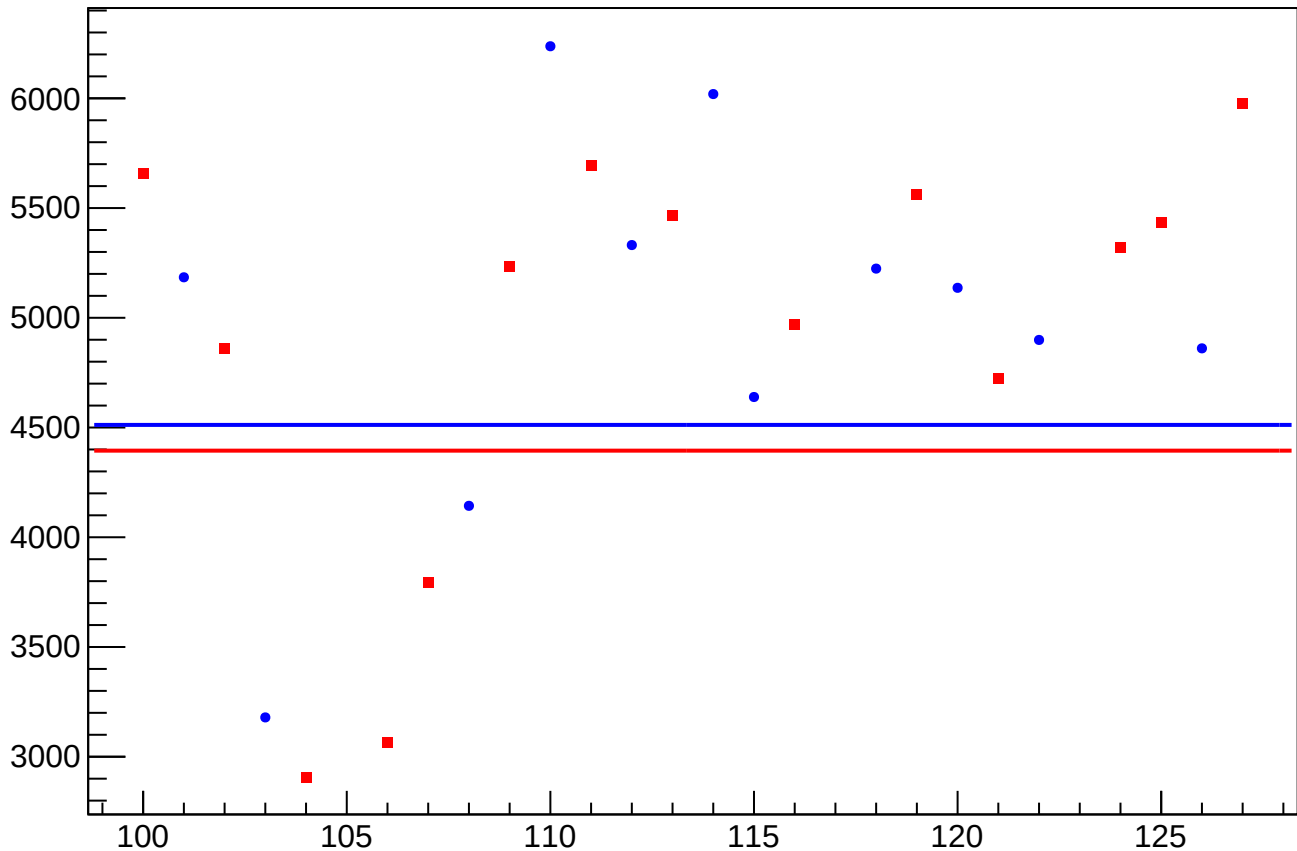
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 644.520+/-1458.422 χ^2/NDF : 23.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_cor_correction_rms vs Slug



Right In: 4511.923+/-1.539 χ^2/NDF : 375652.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

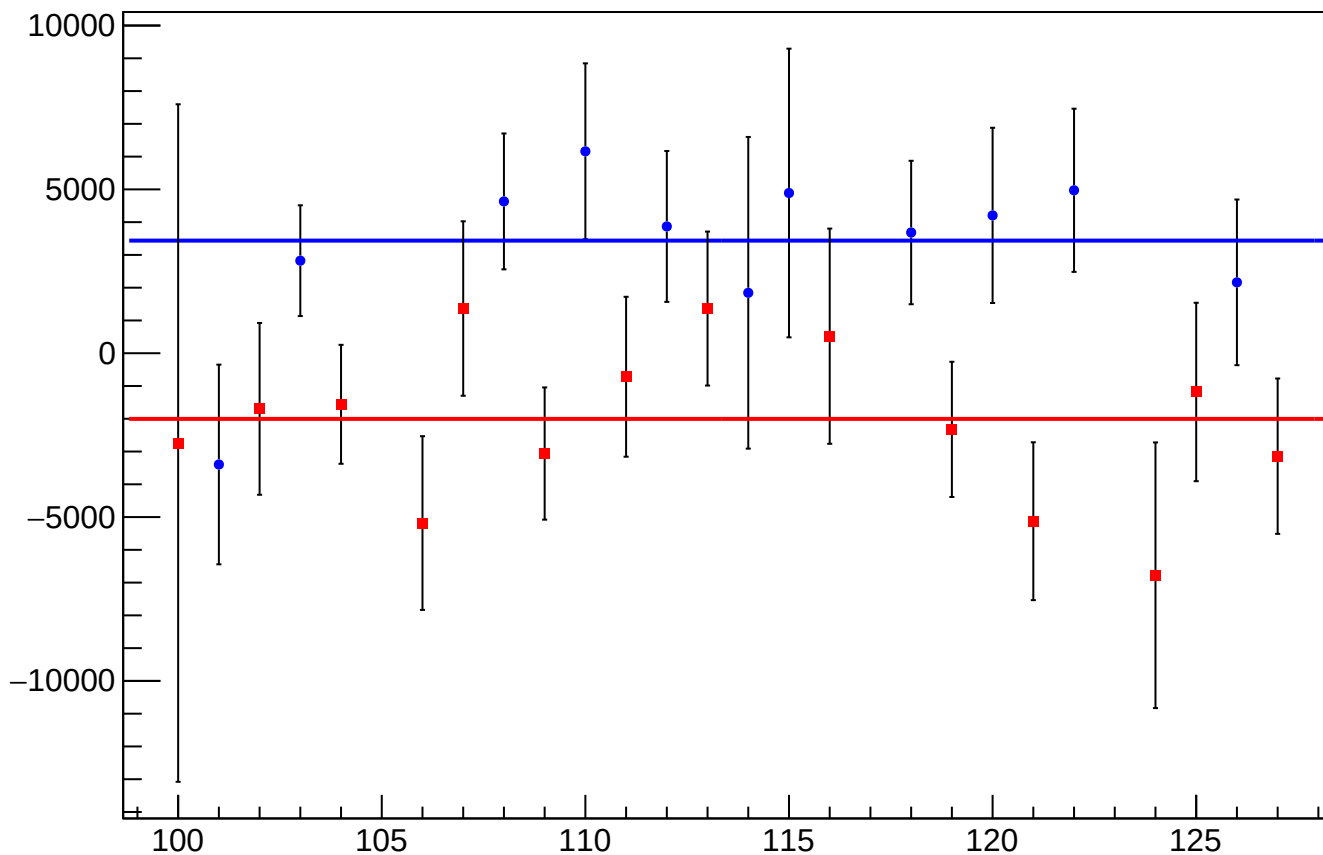
Right Out: 4394.650+/-1.389 χ^2/NDF : 664949.2/13

All: 4447.311+/-1.031 χ^2/NDF : 1043801.3/24

- 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_usr_atr2_avg_mean vs Slug



Right In: 3436.541 $\pm$ 749.521 χ^2 /NDF: 7.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2003.856 $\pm$ 672.619 χ^2 /NDF: 9.7/13

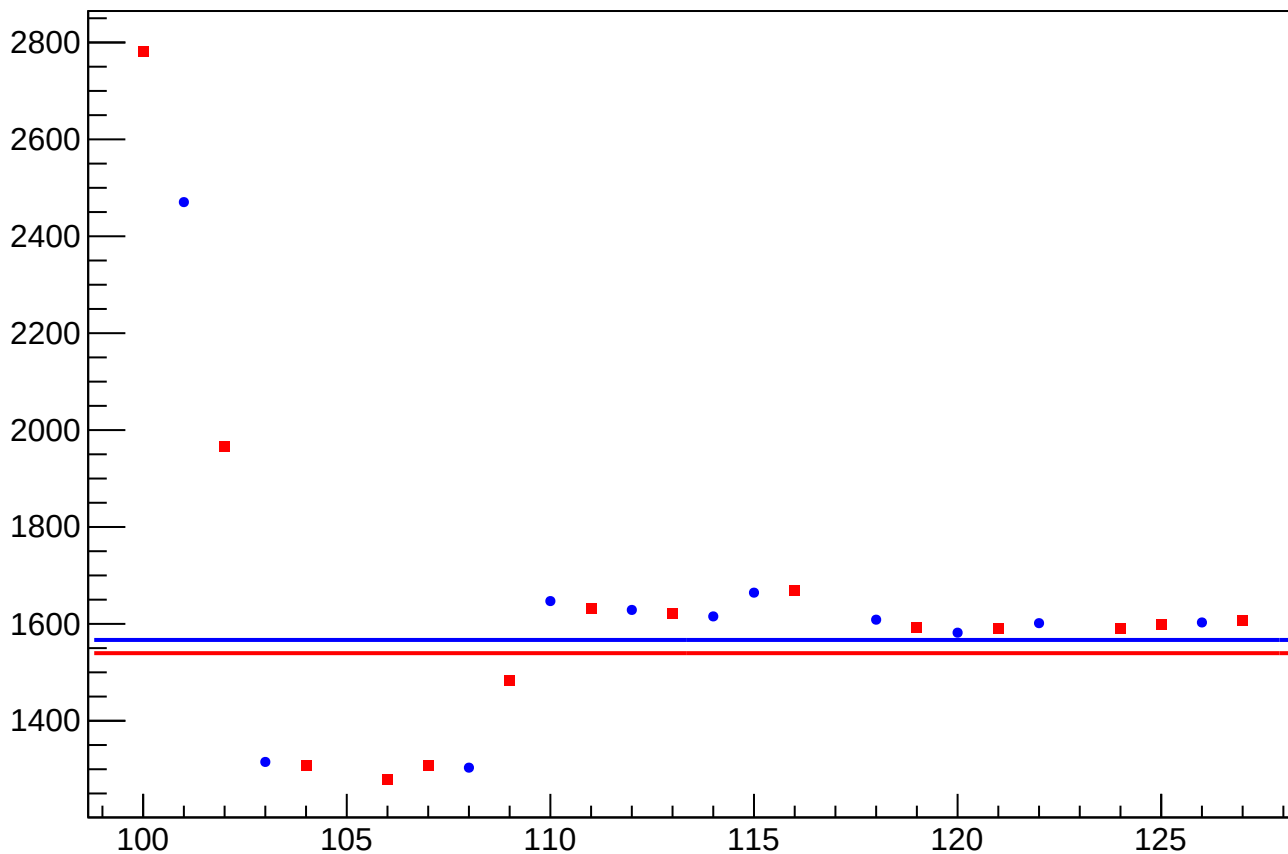
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 423.009 $\pm$ 500.601 χ^2 /NDF: 46.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usr_atr2_avg_rms vs Slug



Right In: 1566.856+/-0.530 χ^2/NDF : 258648.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1539.579+/-0.473 χ^2/NDF : 167476.5/13

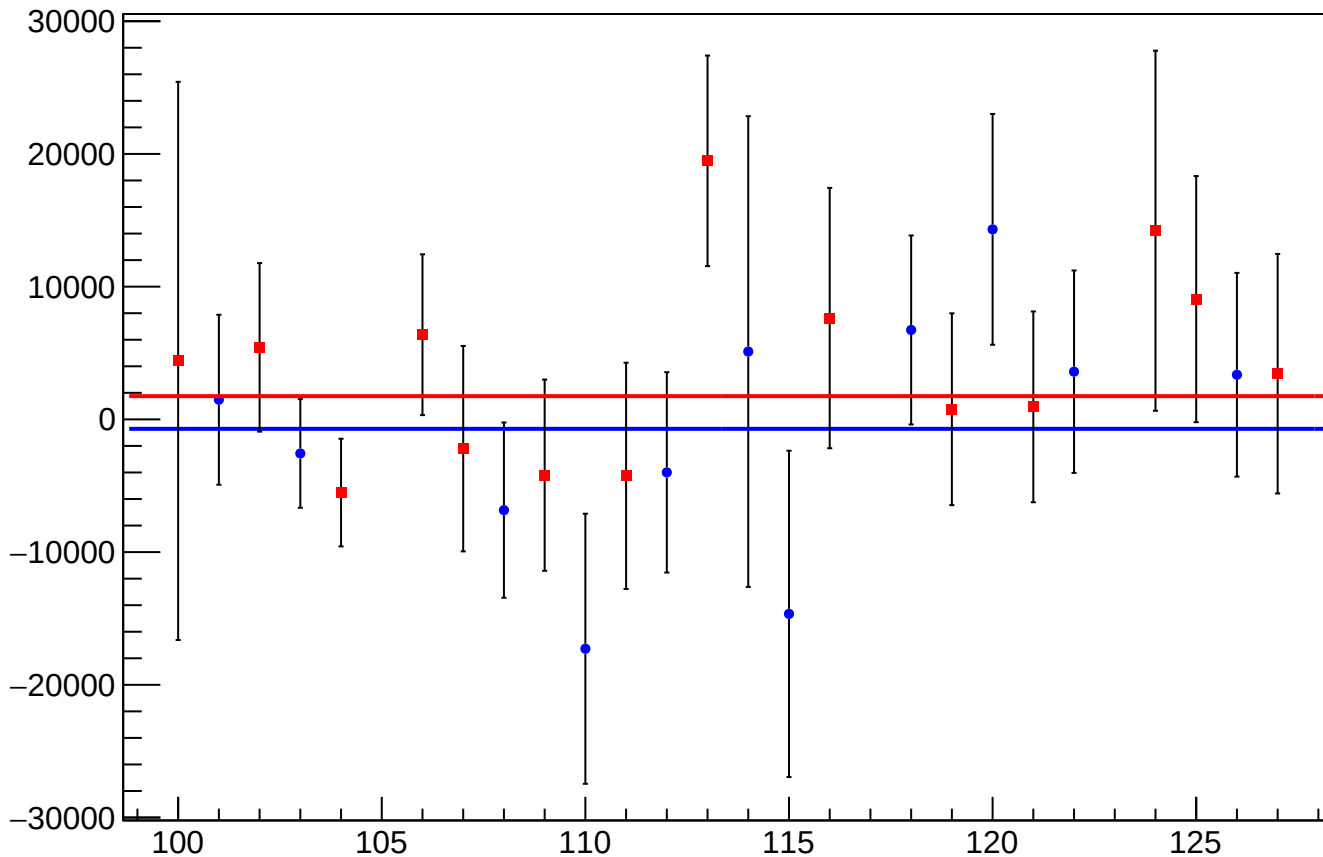
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1551.677+/-0.353 χ^2/NDF : 427599.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_eigen_cor_correction_mean vs Slug



Right In: -712.687+/-2176.394 χ^2/NDF : 10.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1750.691+/-1964.833 χ^2/NDF : 12.5/13

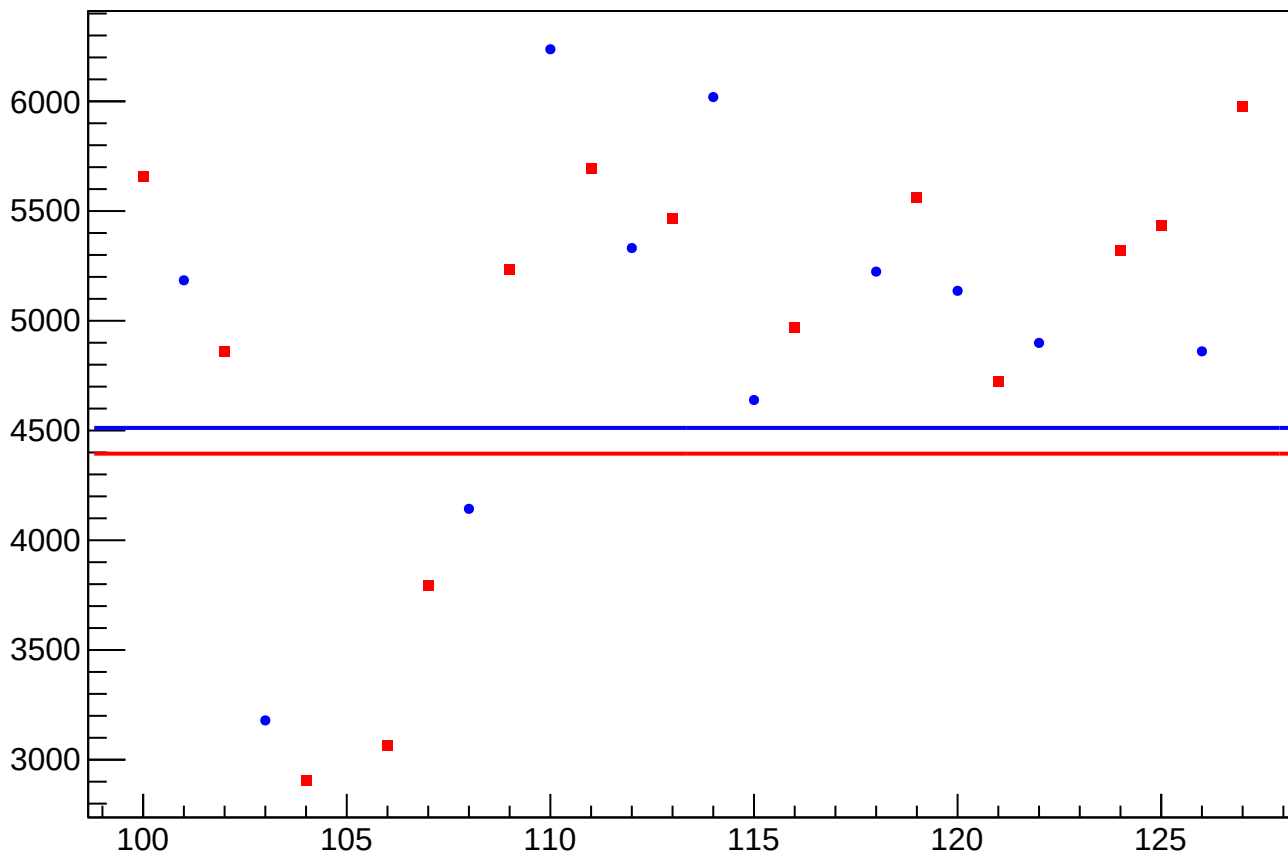
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 644.520+/-1458.422 χ^2/NDF : 23.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_eigen_cor_correction_rms vs Slug



Right In: 4511.923+/-1.539 χ^2/NDF : 375652.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4394.650+/-1.389 χ^2/NDF : 664949.2/13

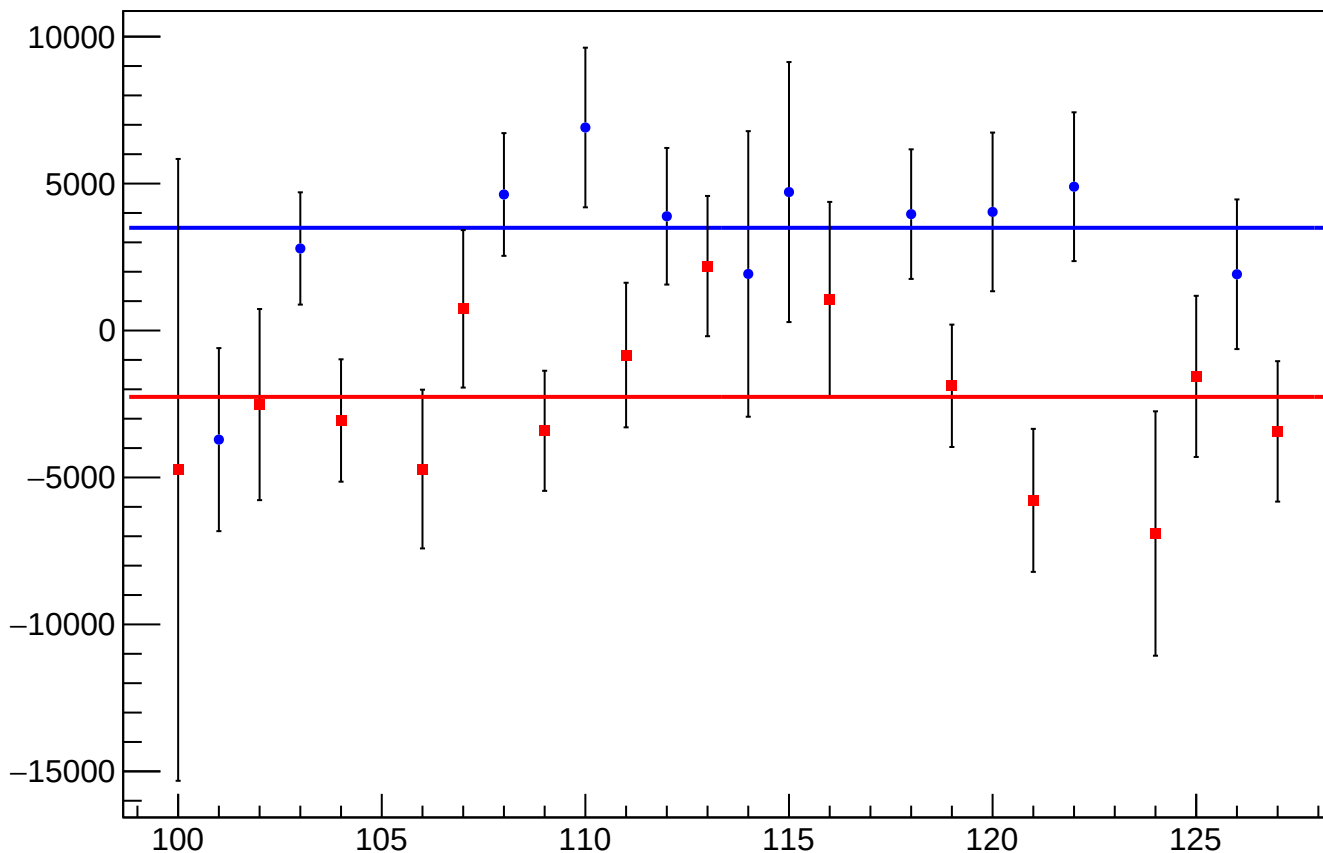
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4447.311+/-1.031 χ^2/NDF : 1043801.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_atr2_avg_mean vs Slug



Right In: 3494.961+/-772.982 χ^2/NDF : 8.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2258.218+/-698.942 χ^2/NDF : 11.1/13

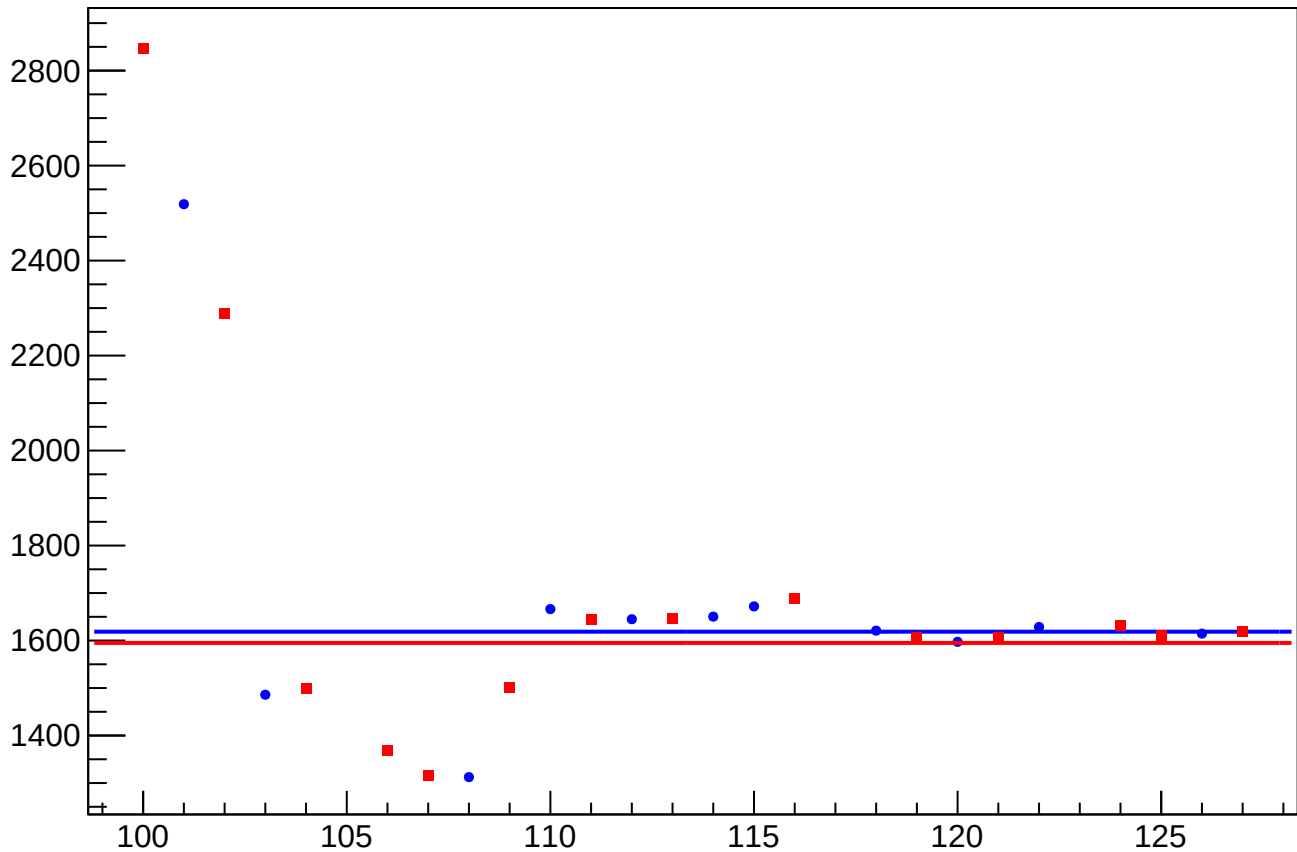
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 329.710+/-518.432 χ^2/NDF : 49.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_atr2_avg_rms vs Slug



Right In: 1618.663 $\pm$ 0.547 χ^2 /NDF: 221116.4/10

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

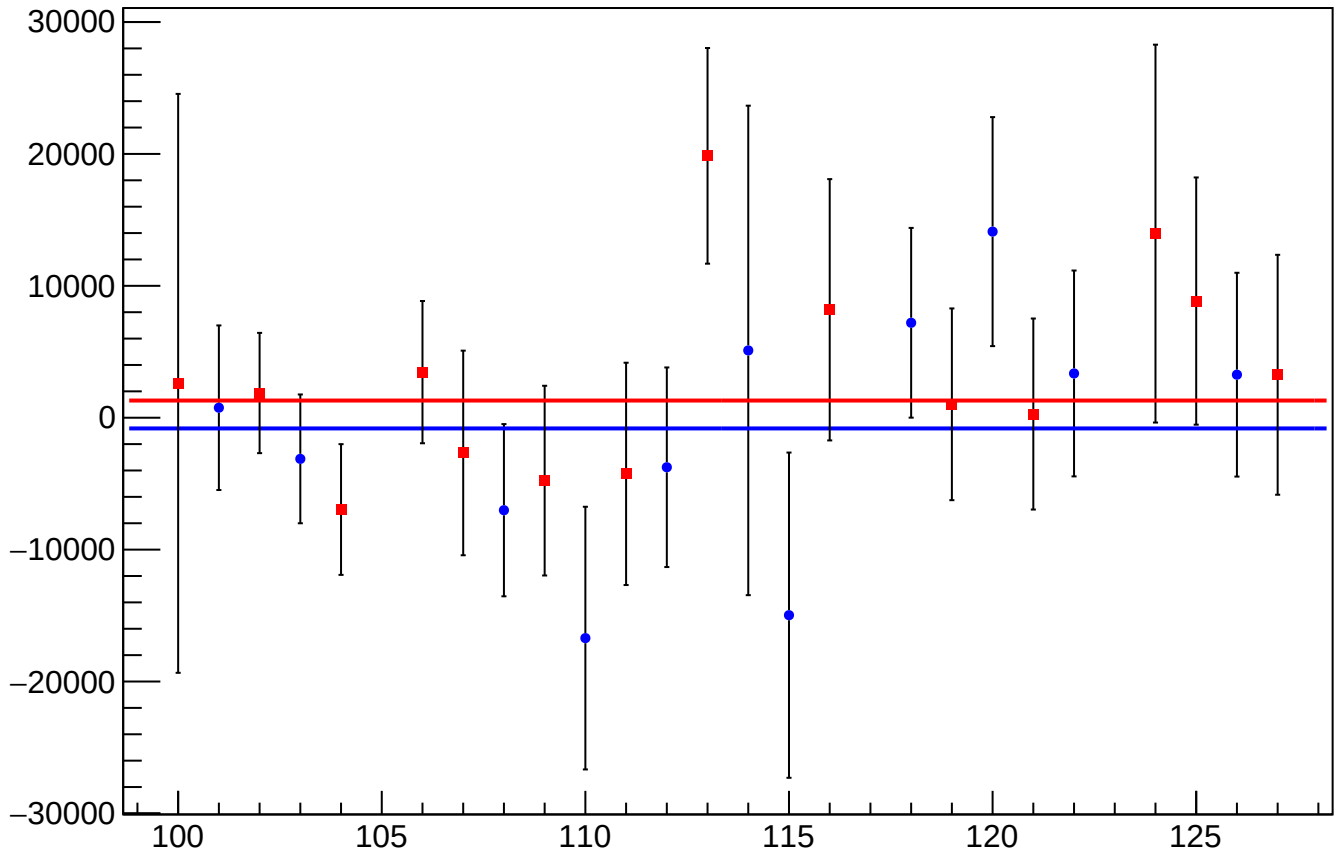
Right Out: 1595.021 $\pm$ 0.494 χ^2 /NDF: 167442.8/13

All: 1605.643 $\pm$ 0.366 χ^2 /NDF: 389589.6/24

- 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_usr_atr2_avg_dit_correction_mean vs Slug



Right In: -812.203+/-2270.991 χ^2/NDF : 10.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1303.208+/-1935.896 χ^2/NDF : 11.5/13

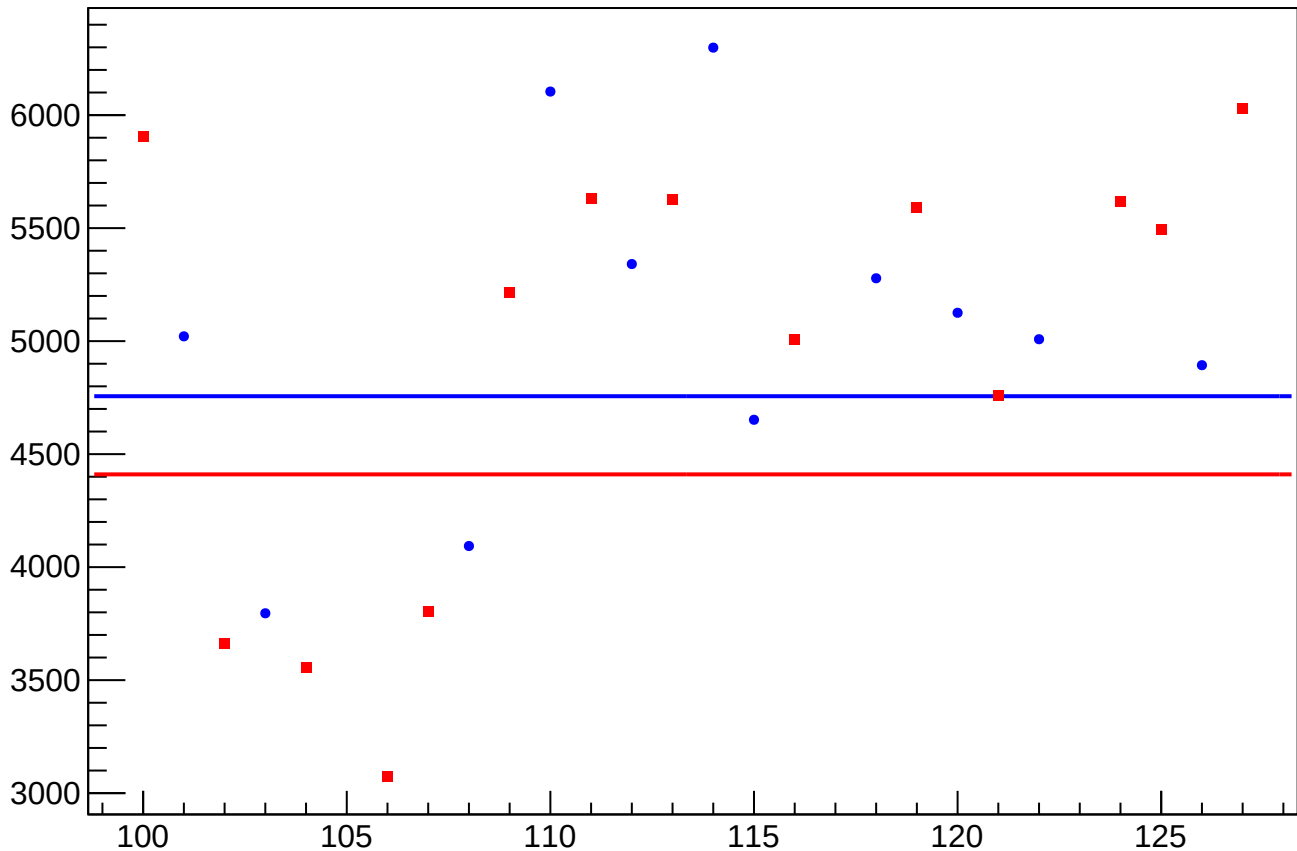
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 412.941+/-1473.256 χ^2/NDF : 22.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_dit_correction_rms vs Slug



Right In: 4756.306 $\pm$ 1.606 χ^2 /NDF: 181016.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4410.462 $\pm$ 1.369 χ^2 /NDF: 537947.0/13

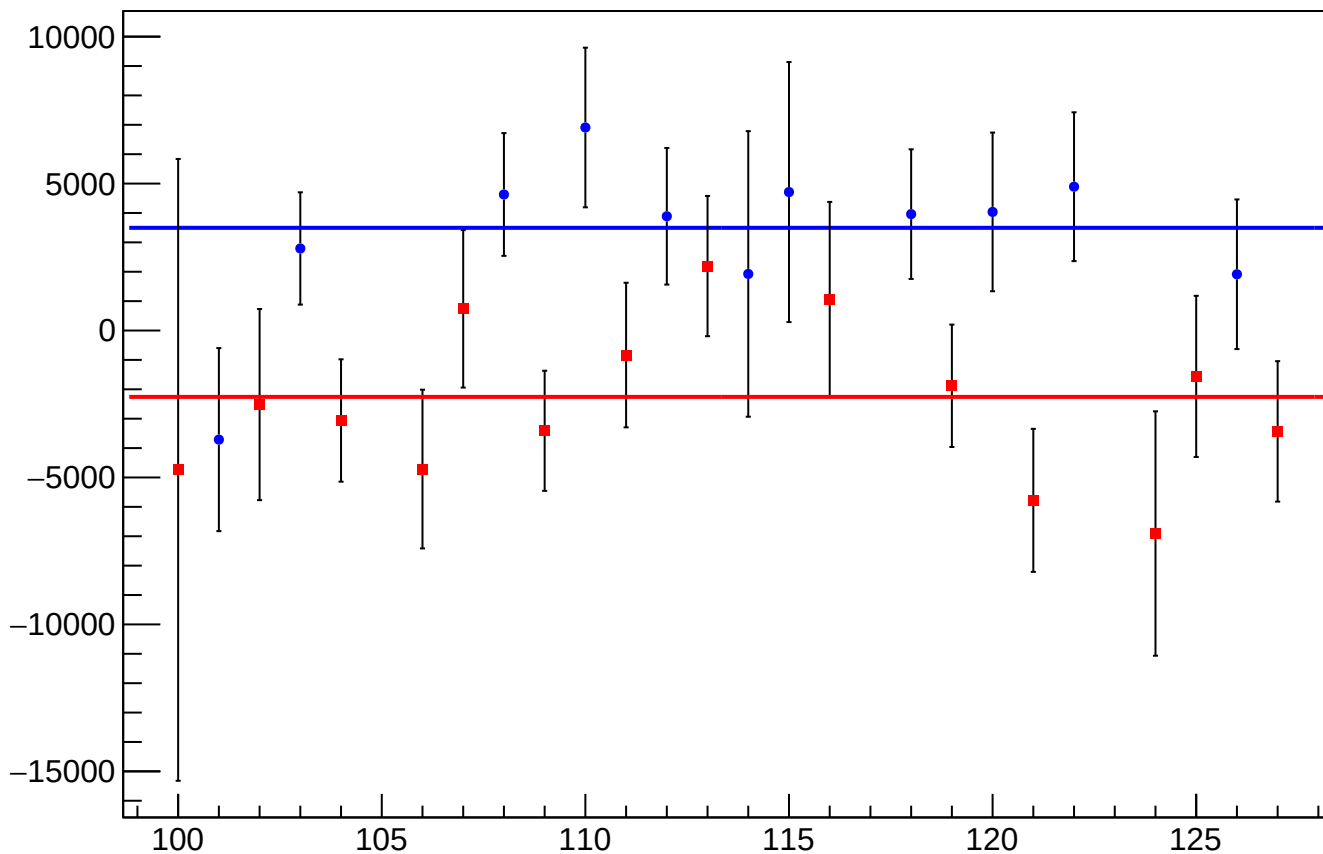
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

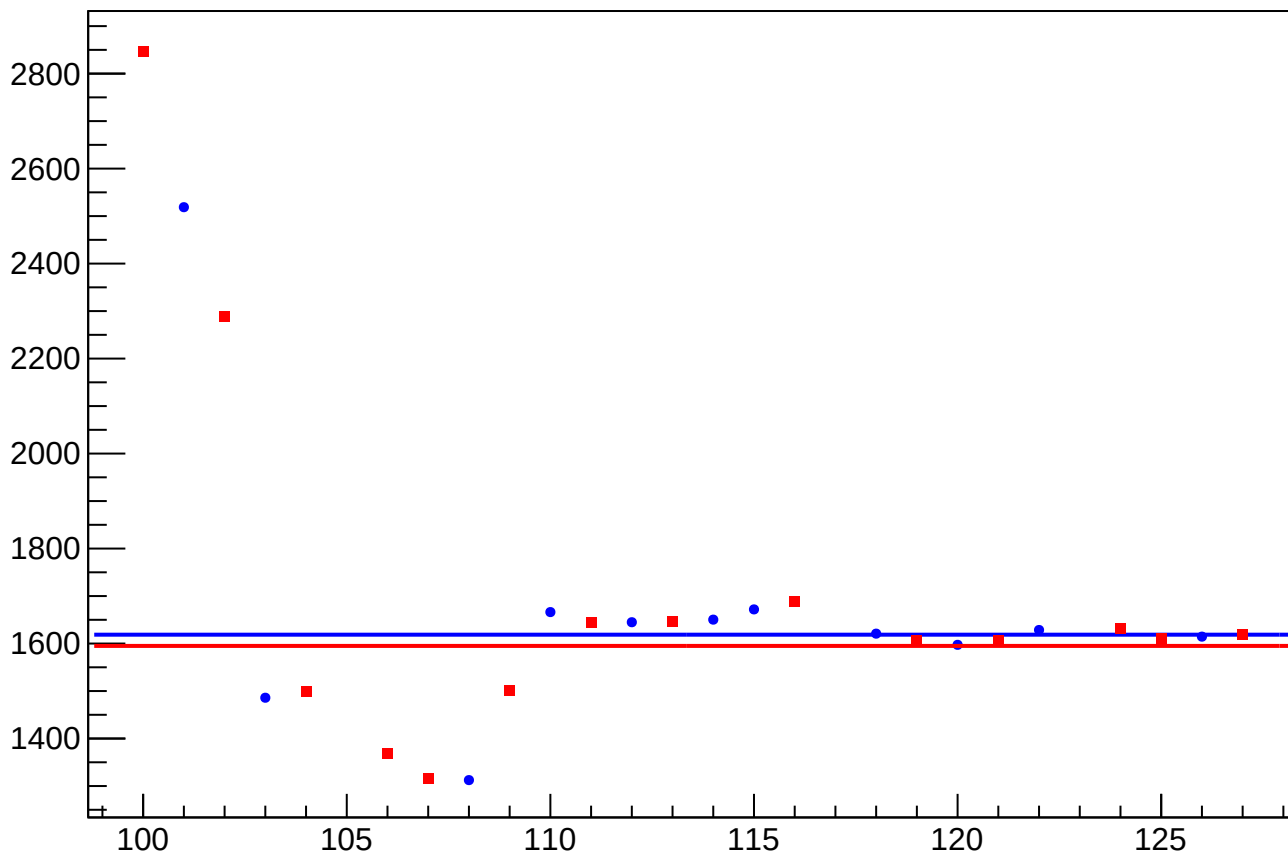
All: 4556.010 $\pm$ 1.042 χ^2 /NDF: 745825.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_usr_atr2_avg_mean vs Slug



eigen_dit_asym_usr_atr2_avg_rms vs Slug



Right In: 1618.663 $\pm$ 0.547 χ^2 /NDF: 221116.5/10

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

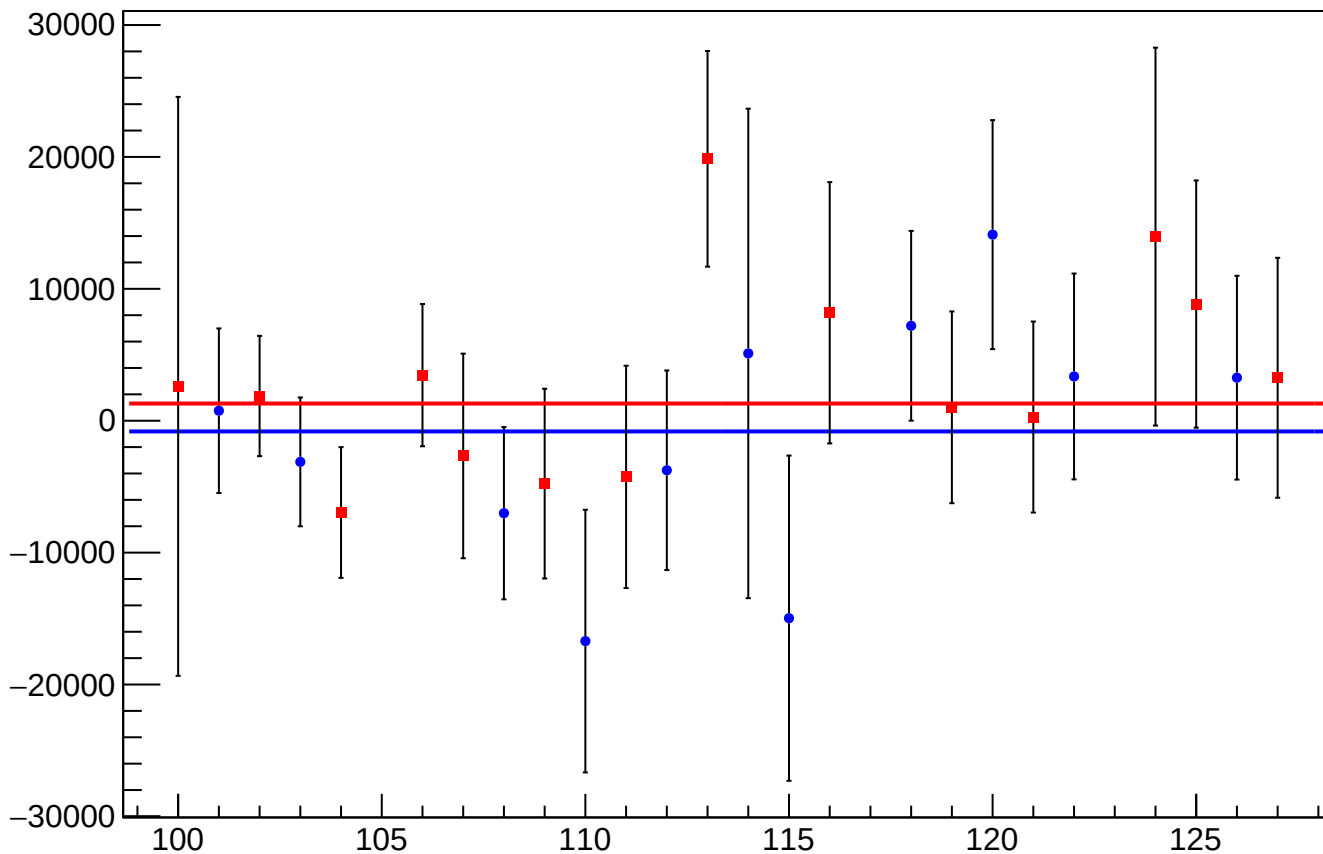
Right Out: 1595.021 $\pm$ 0.494 χ^2 /NDF: 167442.5/13

All: 1605.642 $\pm$ 0.366 χ^2 /NDF: 389589.4/24

- 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_usr_atr2_avg_eigen_dit_correction_mean vs Slug



Right In: -812.196+/-2270.985 χ^2/NDF : 10.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1303.207+/-1935.892 χ^2/NDF : 11.5/13

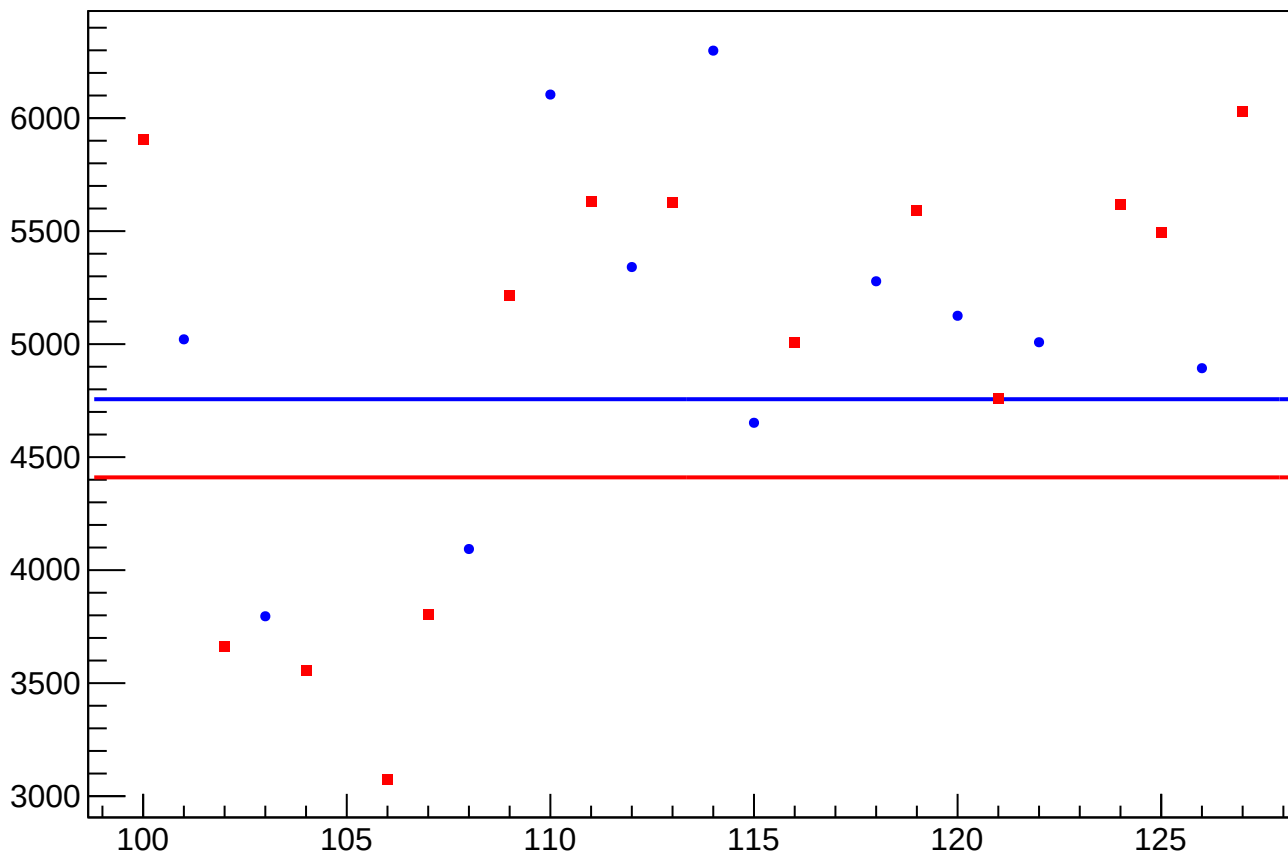
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 412.943+/-1473.253 χ^2/NDF : 22.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_eigen_dit_correction_rms vs Slug



Right In: 4756.297+/-1.606 χ^2/NDF : 181012.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4410.455+/-1.369 χ^2/NDF : 537942.7/13

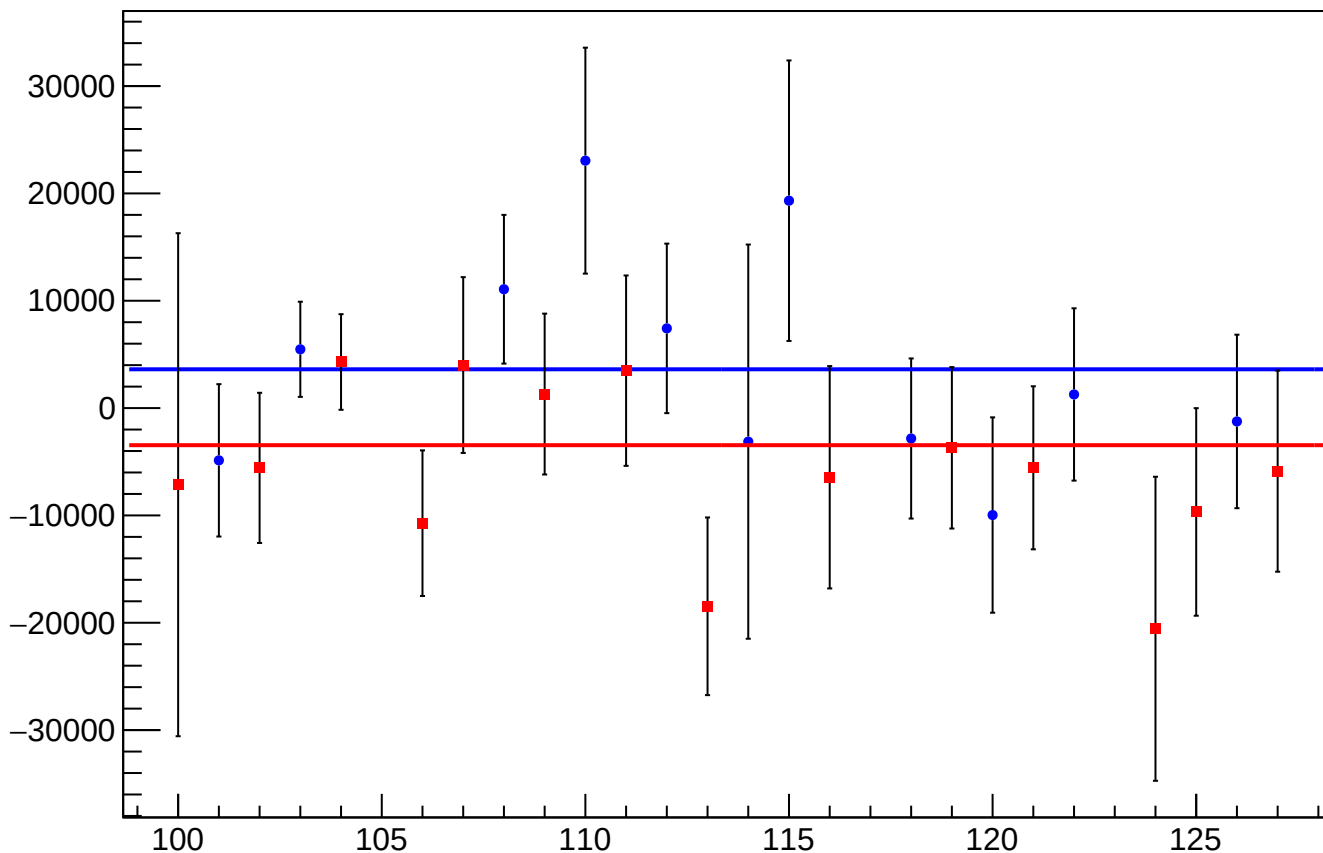
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4556.002+/-1.042 χ^2/NDF : 745818.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_mean vs Slug



Right In: 3613.335 $\pm$ 2316.425 χ^2 /NDF: 11.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3456.909 $\pm$ 2104.340 χ^2 /NDF: 11.5/13

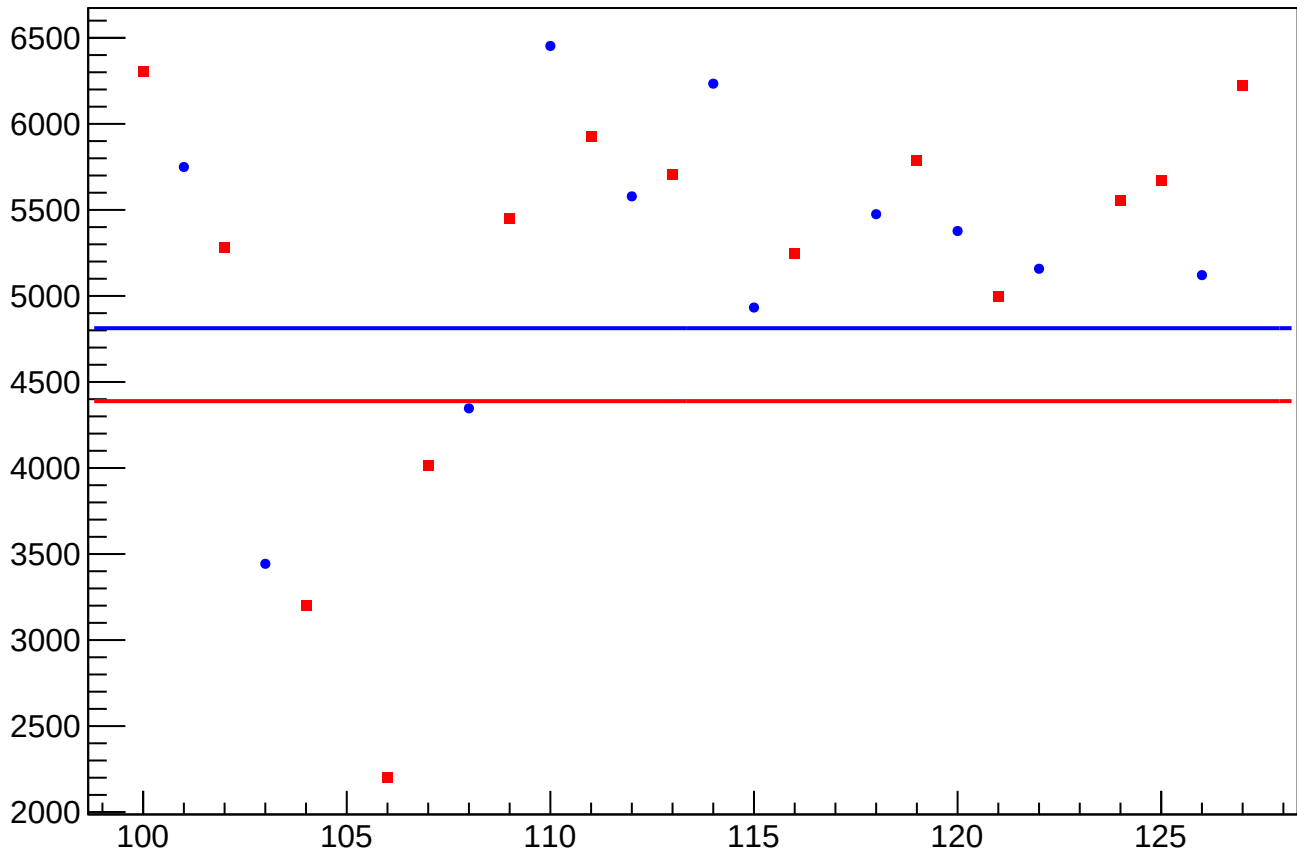
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -260.202 $\pm$ 1557.588 χ^2 /NDF: 28.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_rms vs Slug



Right In: 4812.601+/-1.638 χ^2/NDF : 344493.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4388.760+/-1.418 χ^2/NDF : 991839.1/13

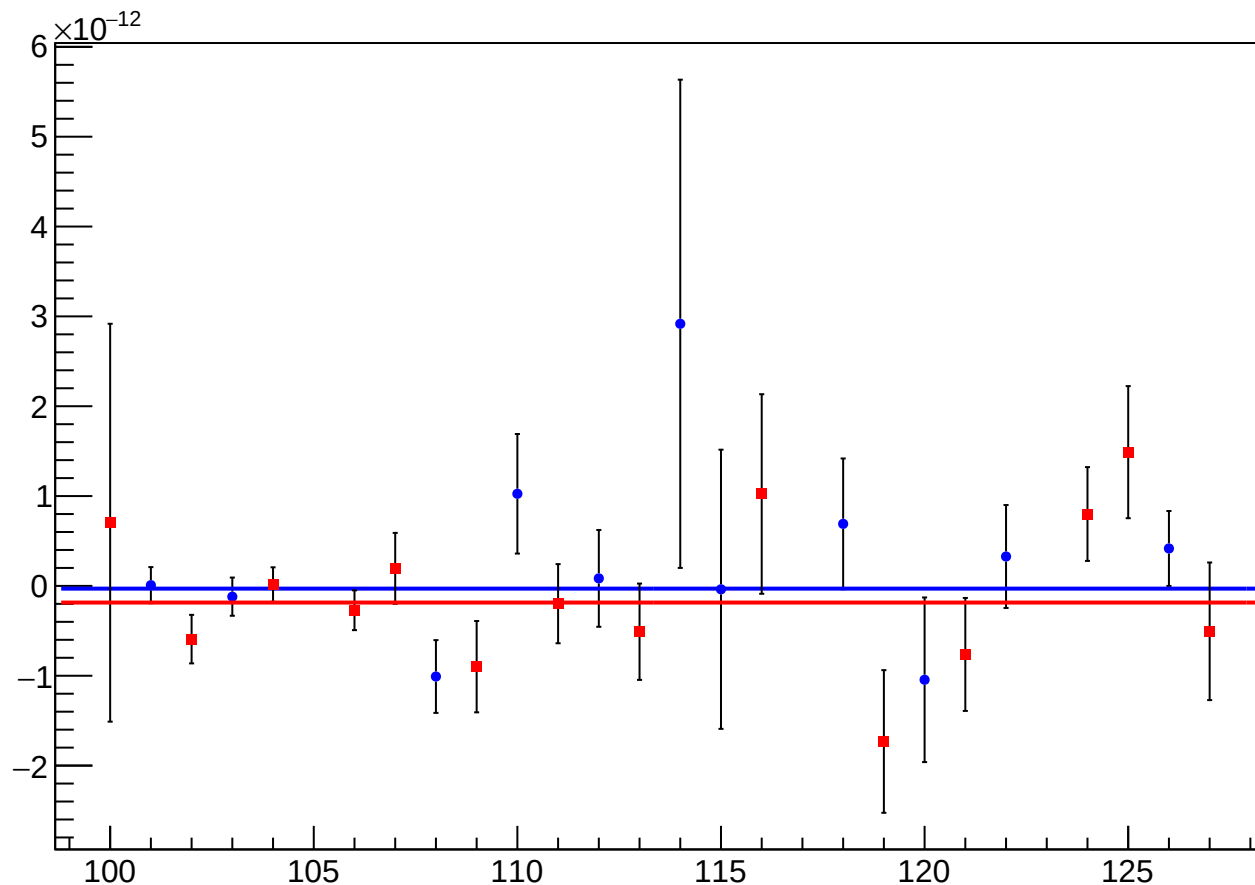
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4570.298+/-1.072 χ^2/NDF : 1374610.6/24

- sign 0.000+/-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 : 13.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 21.7/13

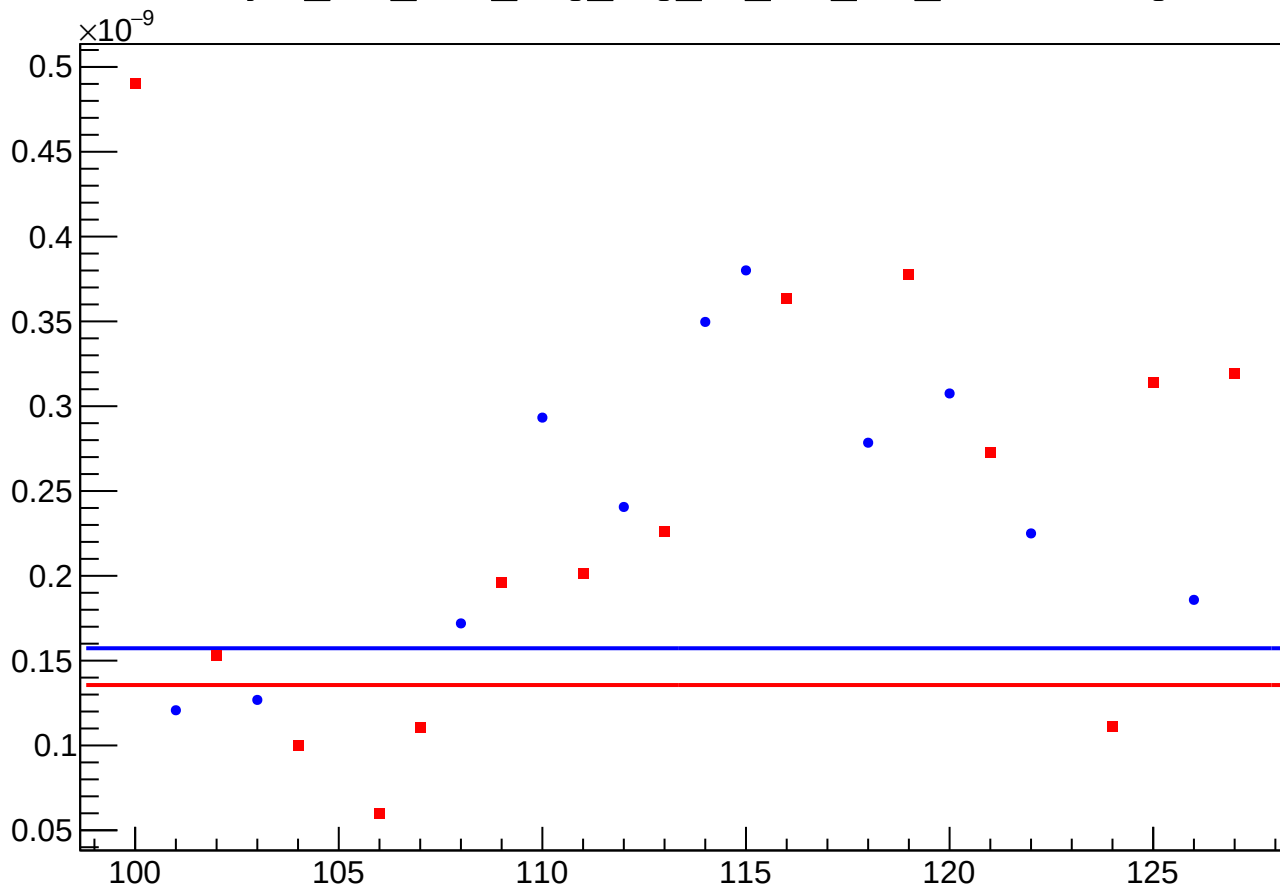
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 36.2/24

- 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 : 438755.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1103717.7/13

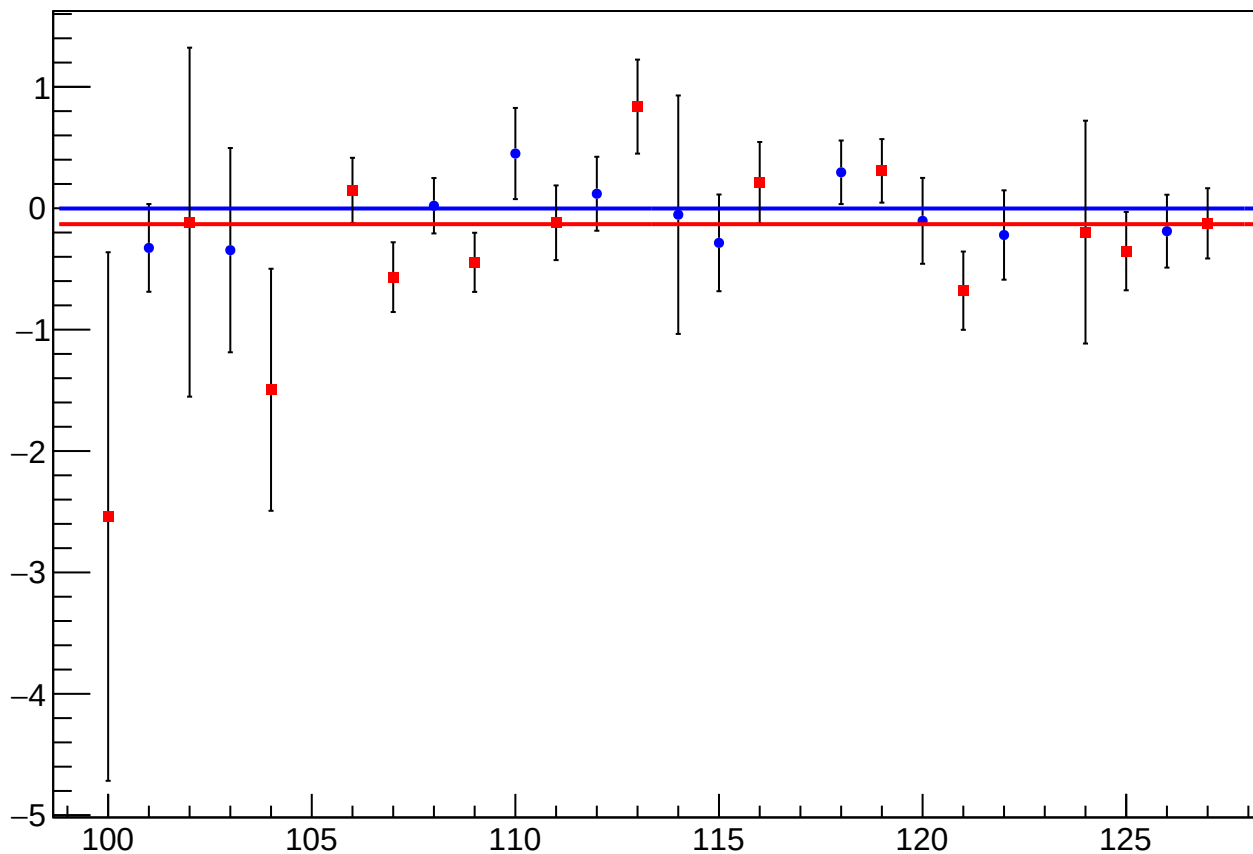
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1580293.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.002 ± 0.103 χ^2/NDF : 5.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.131 ± 0.092 χ^2/NDF : 21.6/13

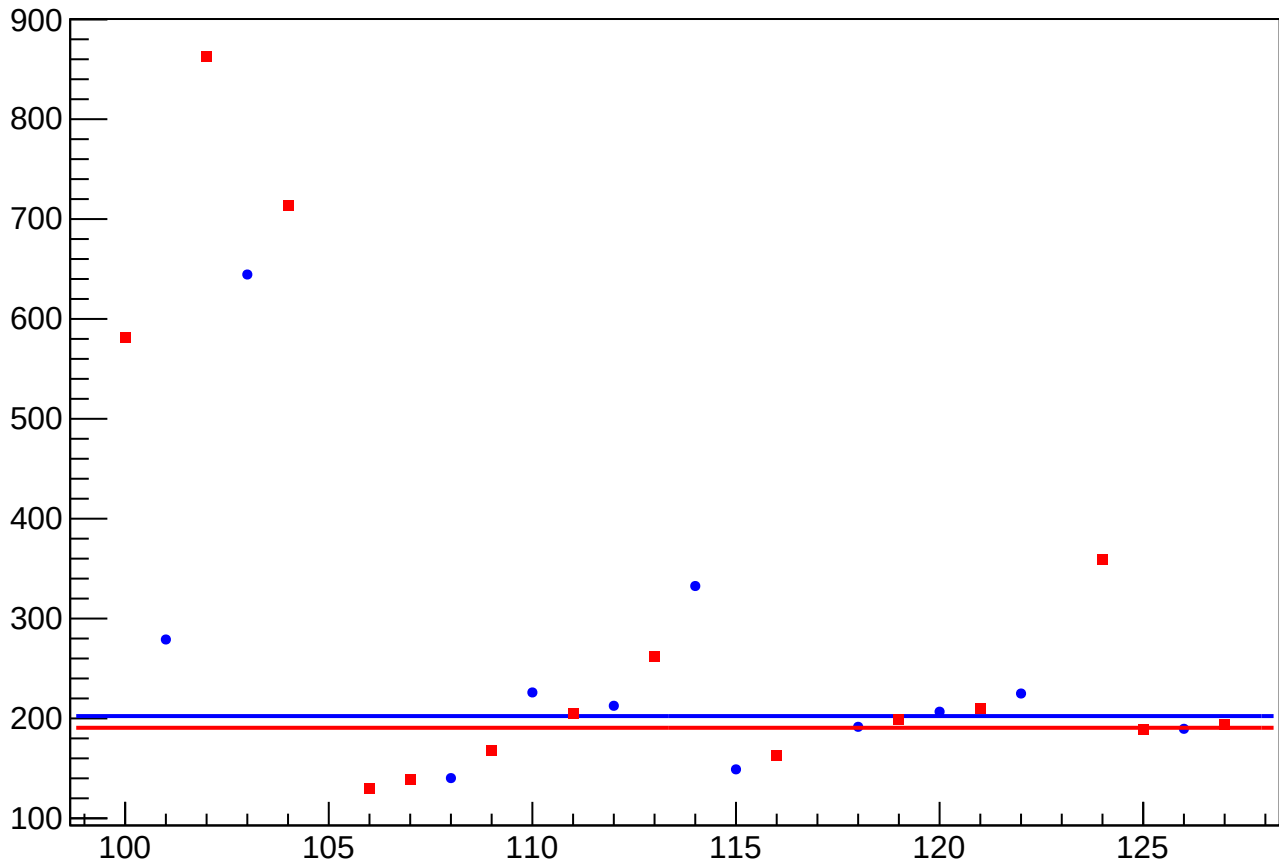
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.074 ± 0.069 χ^2/NDF : 27.7/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_dit_vs_cor_diff_rms vs Slug



Right In: 202.352+/-0.073 χ^2/NDF : 886489.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 190.630+/-0.065 χ^2/NDF : 1398025.1/13

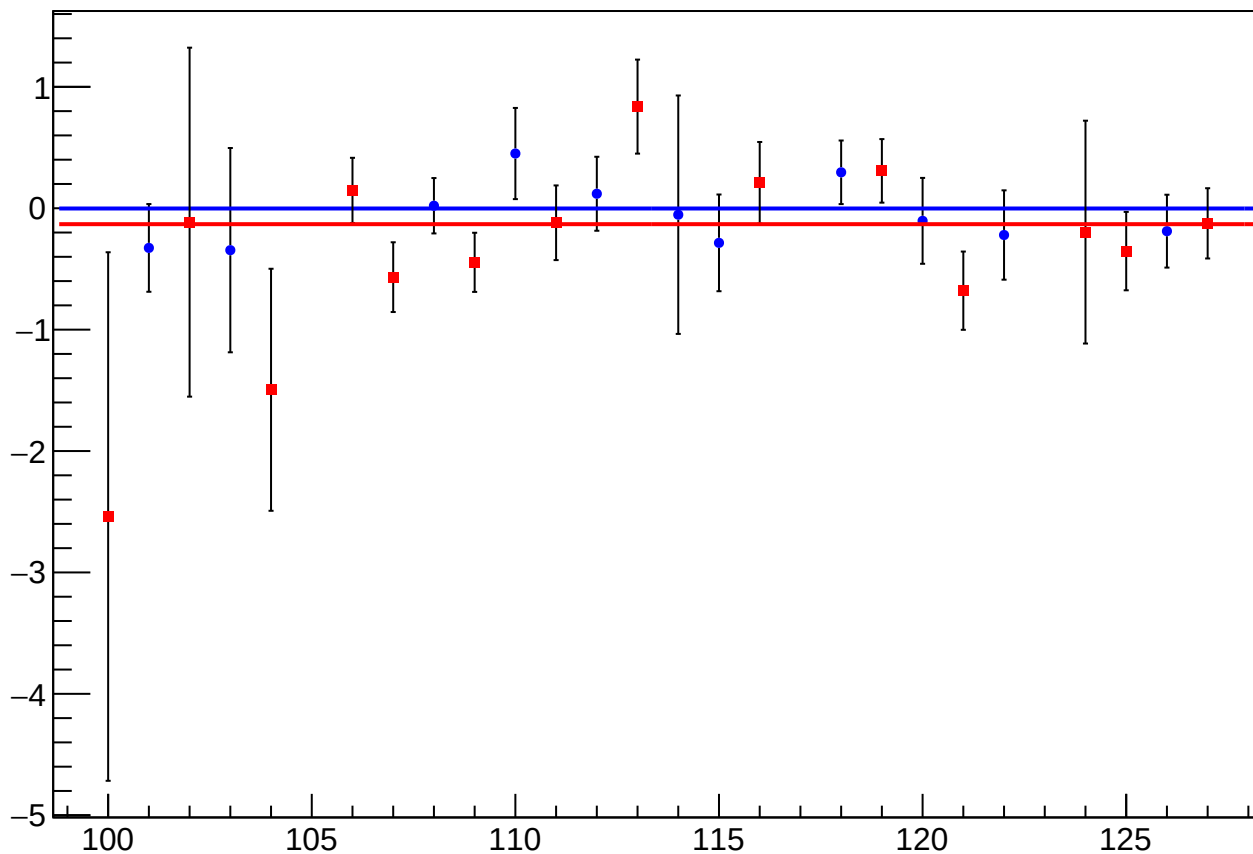
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.855+/-0.049 χ^2/NDF : 2298916.4/24

- 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: -0.002 $\pm$ 0.103 χ^2 /NDF: 5.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.131 $\pm$ 0.092 χ^2 /NDF: 21.6/13

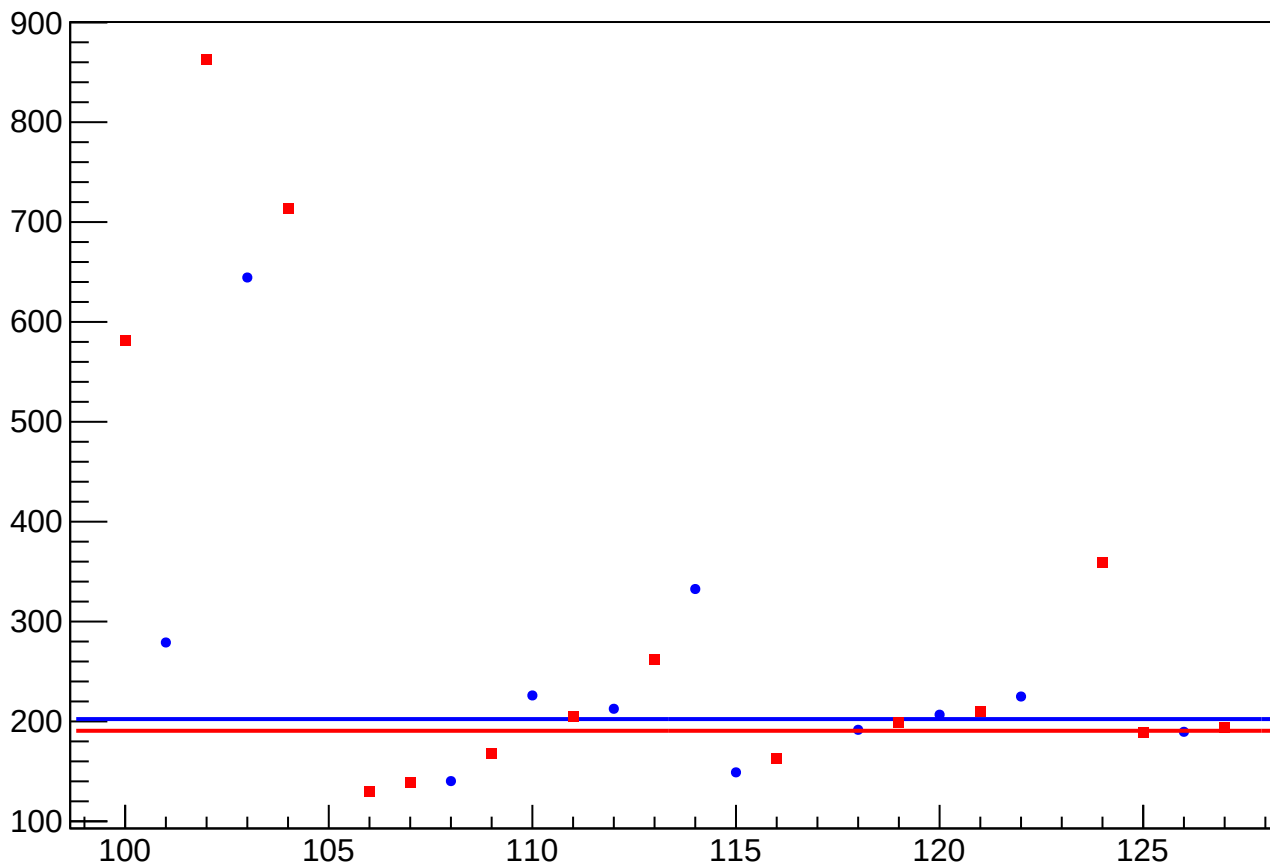
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.074 $\pm$ 0.069 χ^2 /NDF: 27.7/24

- 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: 202.352 $\pm$ 0.073 χ^2 /NDF: 886489.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 190.630 $\pm$ 0.065 χ^2 /NDF: 1398025.1/13

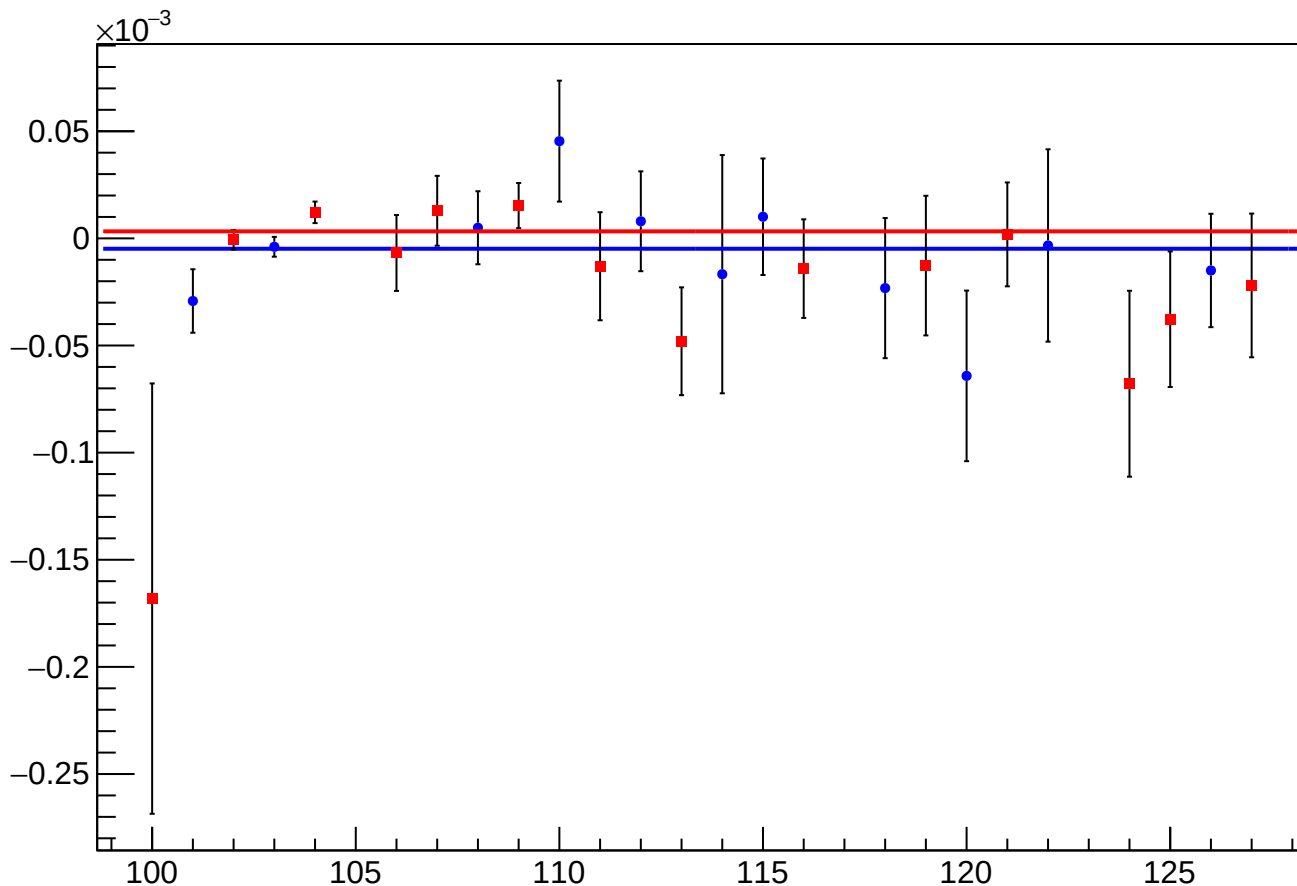
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 195.855 $\pm$ 0.049 χ^2 /NDF: 2298916.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.1/13

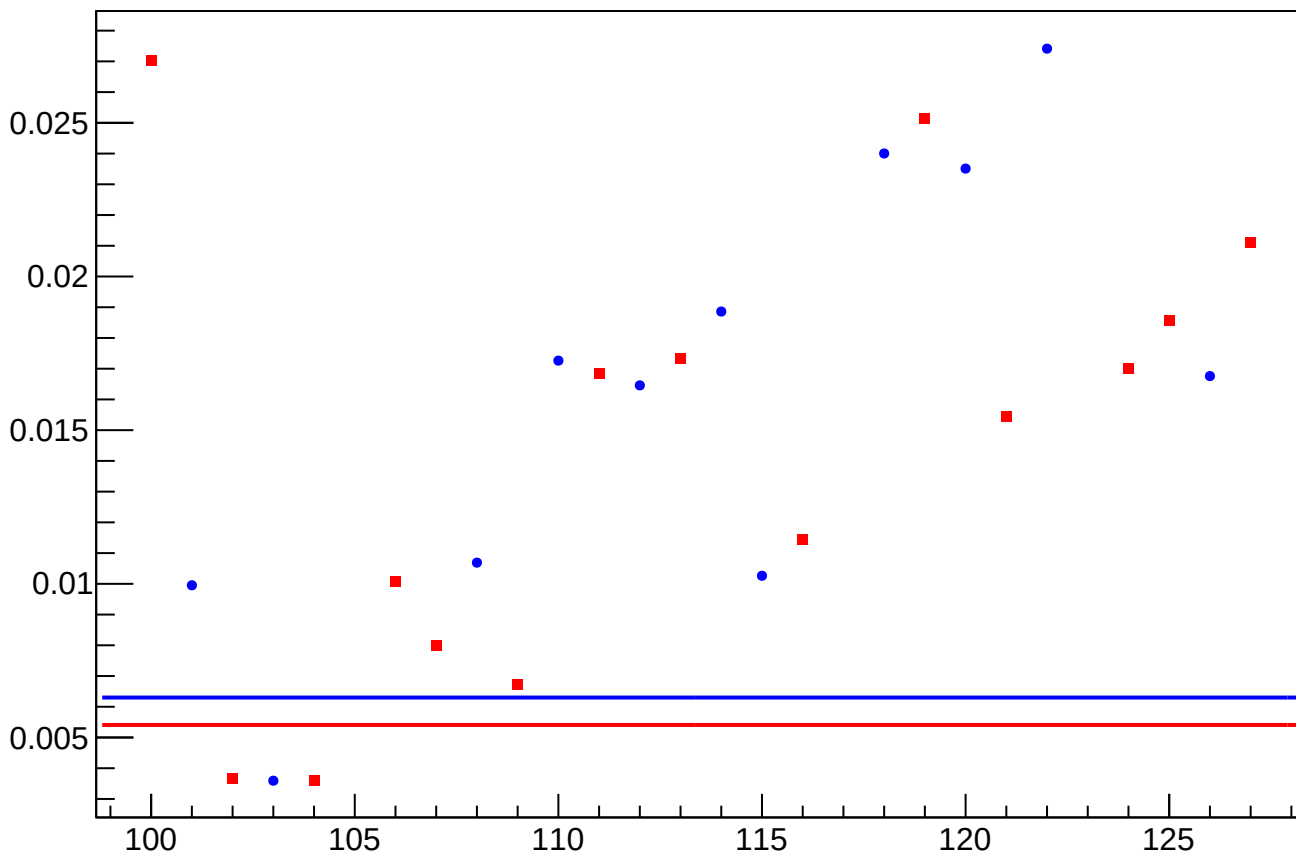
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 31.3/24

- sign 0.000 $\pm$ 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 : 3479535.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 3864108.5/13

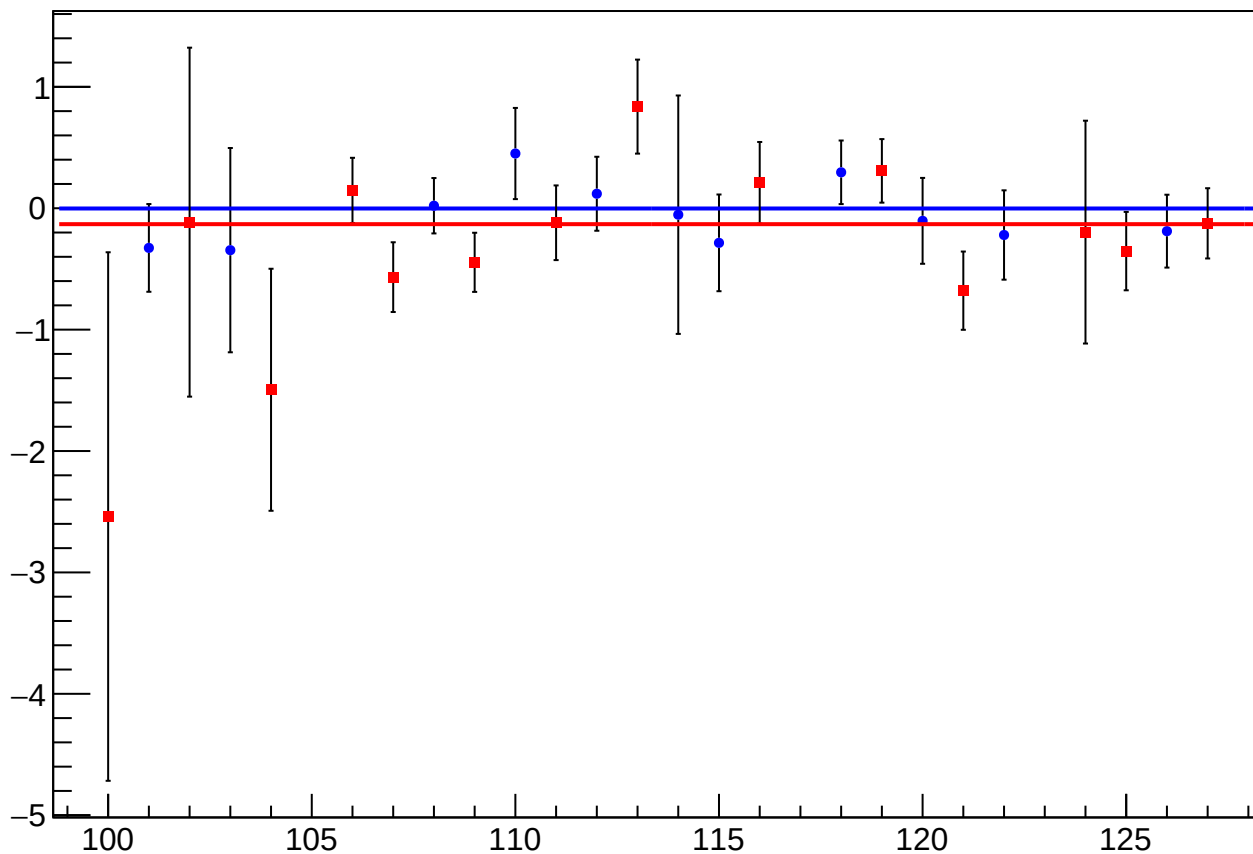
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 7408310.8/24

- 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: -0.002 ± 0.103 χ^2/NDF : 5.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.131 ± 0.092 χ^2/NDF : 21.6/13

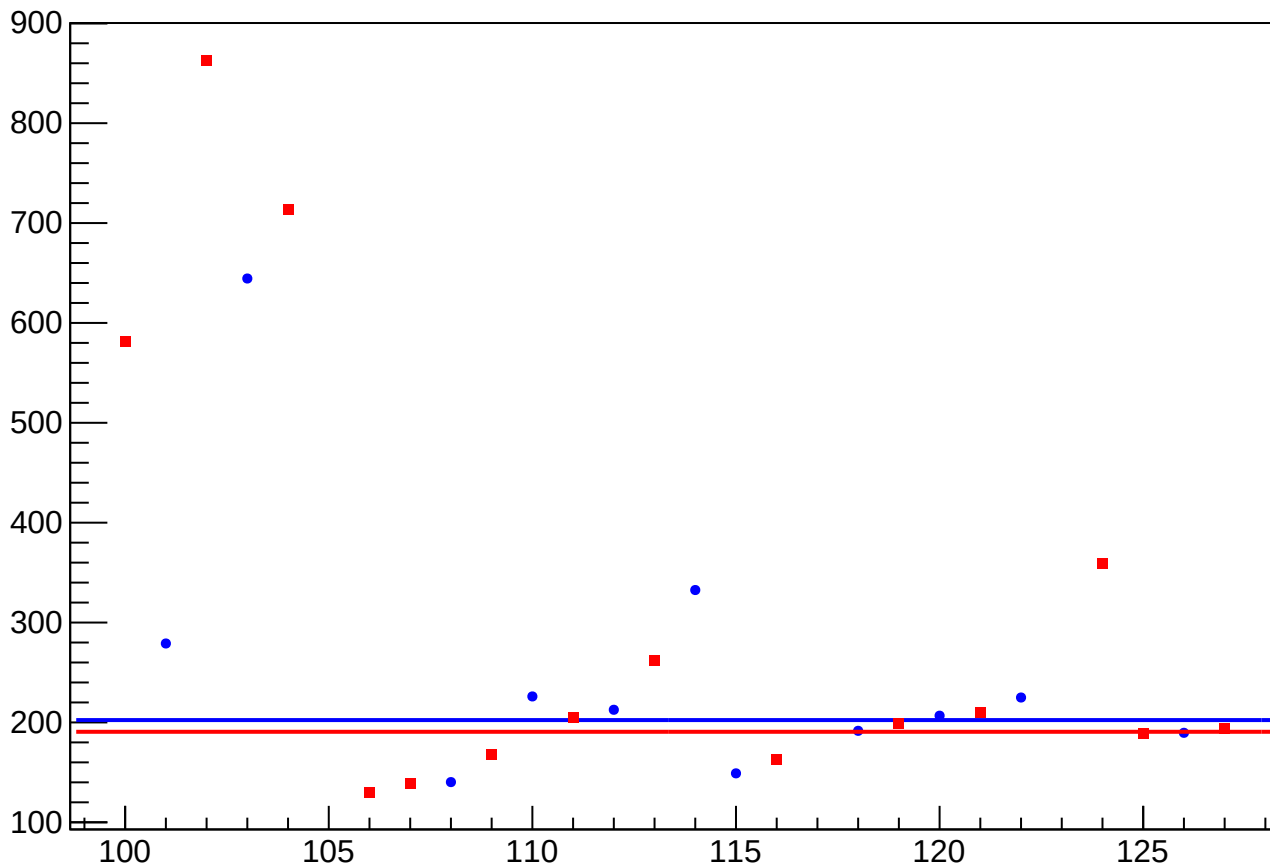
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.074 ± 0.069 χ^2/NDF : 27.7/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 202.350+/-0.073 χ^2/NDF : 886499.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 190.629+/-0.065 χ^2/NDF : 1398014.2/13

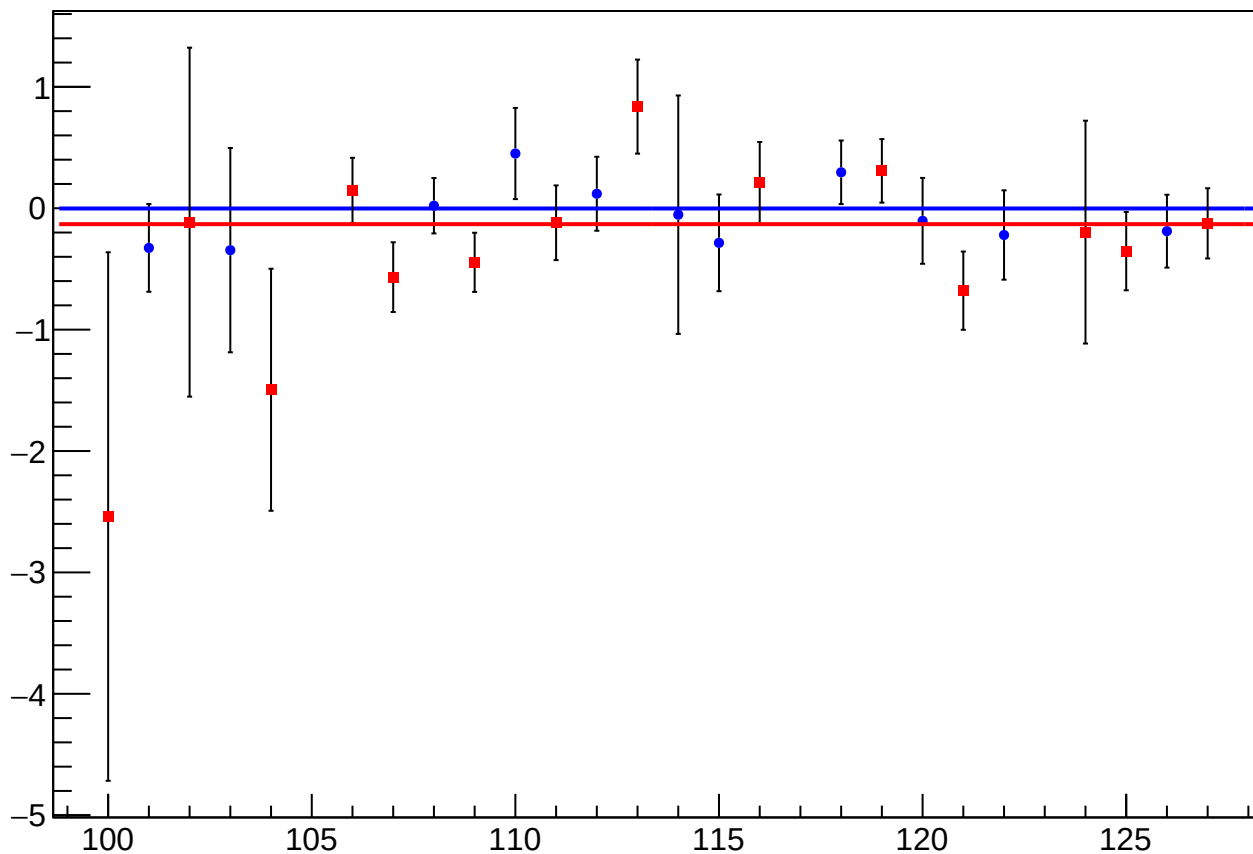
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.854+/-0.049 χ^2/NDF : 2298914.2/24

- 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: -0.002 $\pm$ 0.103 χ^2 /NDF: 5.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.131 $\pm$ 0.092 χ^2 /NDF: 21.6/13

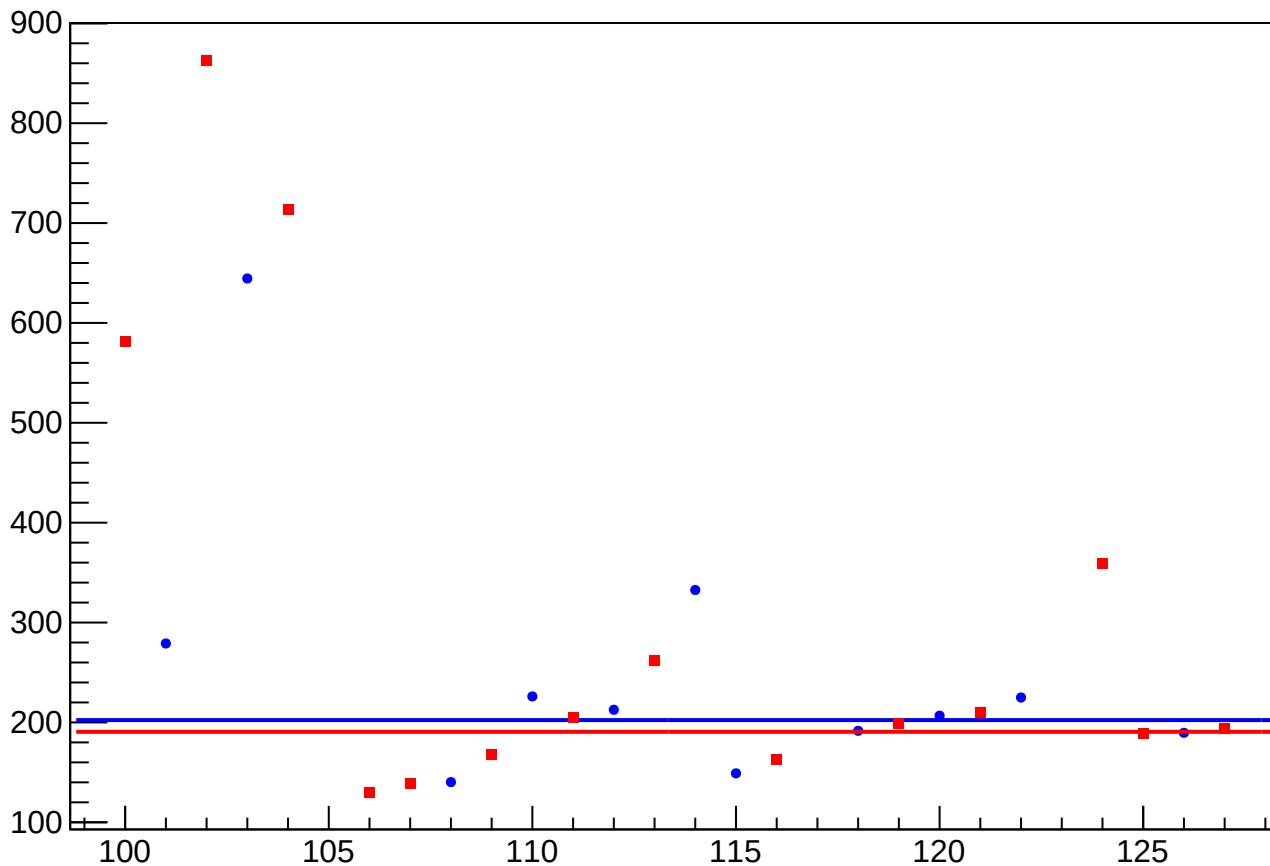
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.074 $\pm$ 0.069 χ^2 /NDF: 27.7/24

- 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: 202.350+/-0.073 χ^2/NDF : 886499.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 190.629+/-0.065 χ^2/NDF : 1398014.2/13

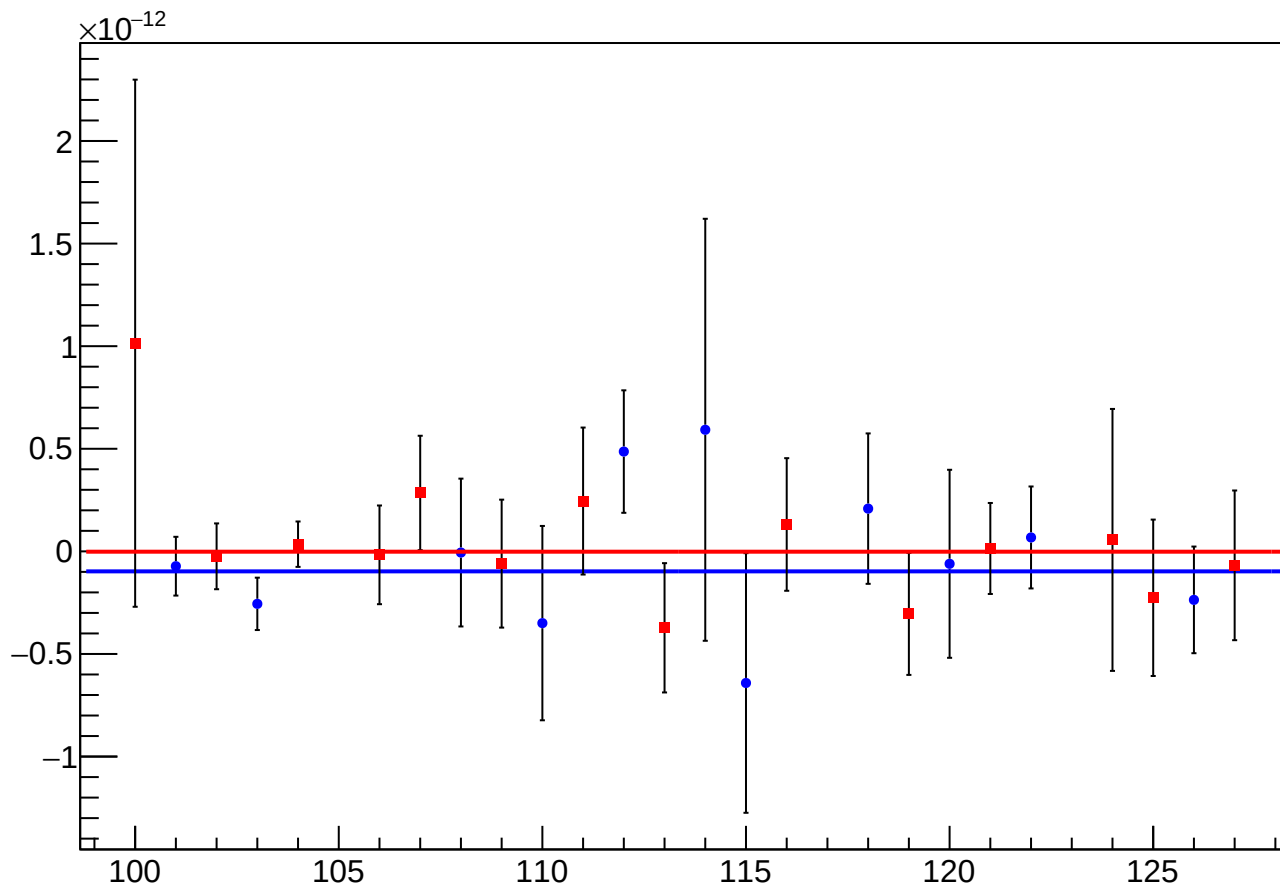
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.854+/-0.049 χ^2/NDF : 2298914.2/24

- sign 0.000+/-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: 8.4/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 5.3/13

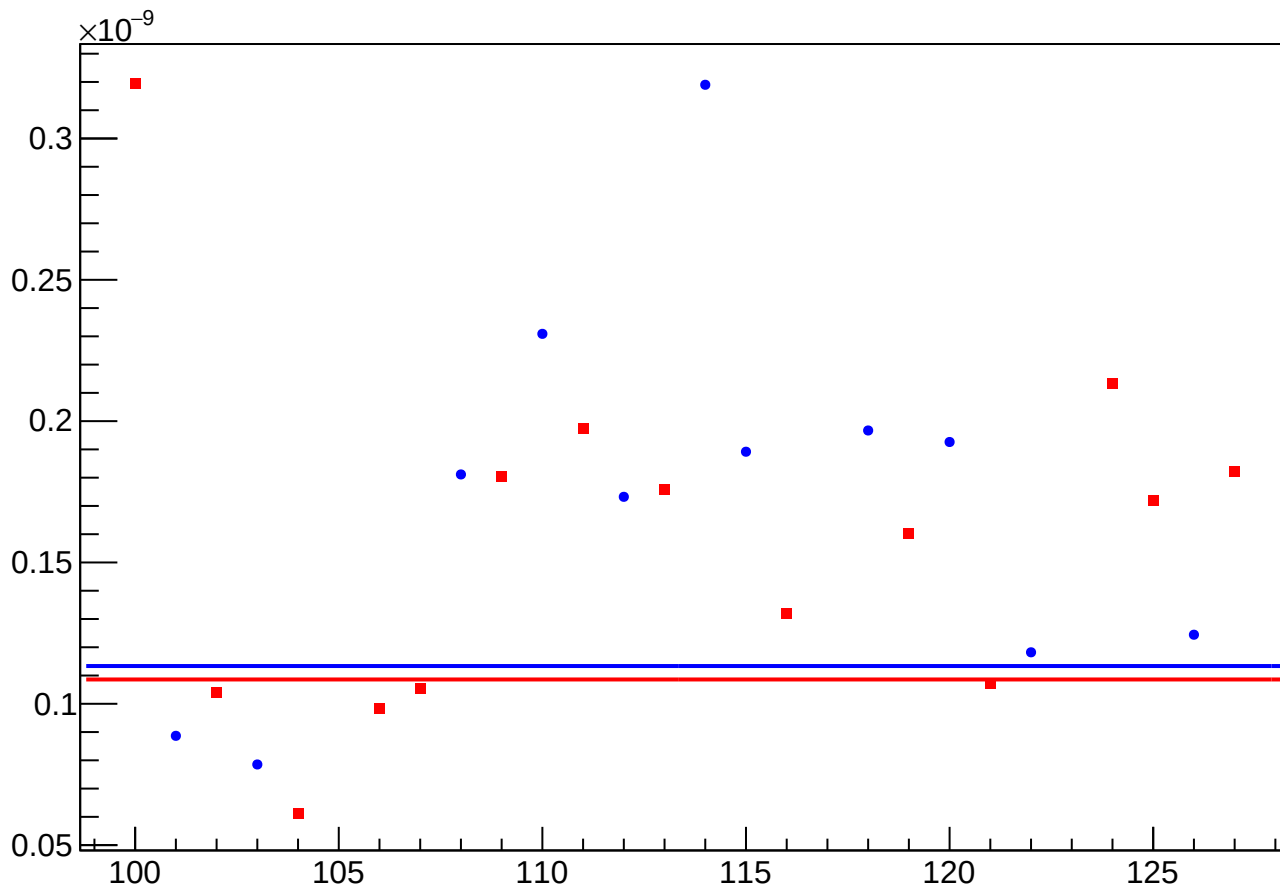
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 14.6/24

- 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 : 759303.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1010426.1/13

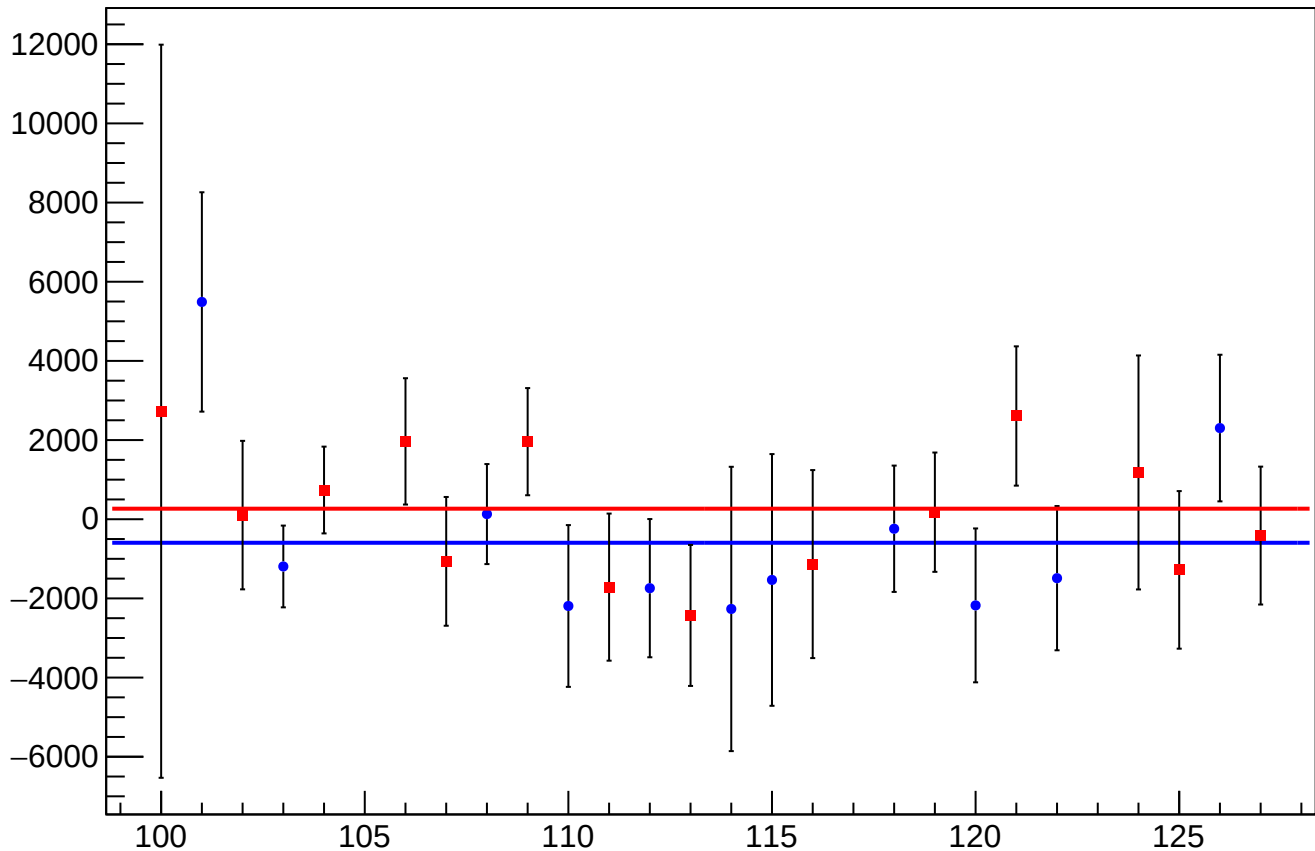
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1774362.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_dd_mean vs Slug



Right In: -594.477+/-520.717 χ^2 /NDF: 10.2/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 266.503+/-461.919 χ^2 /NDF: 10.0/13

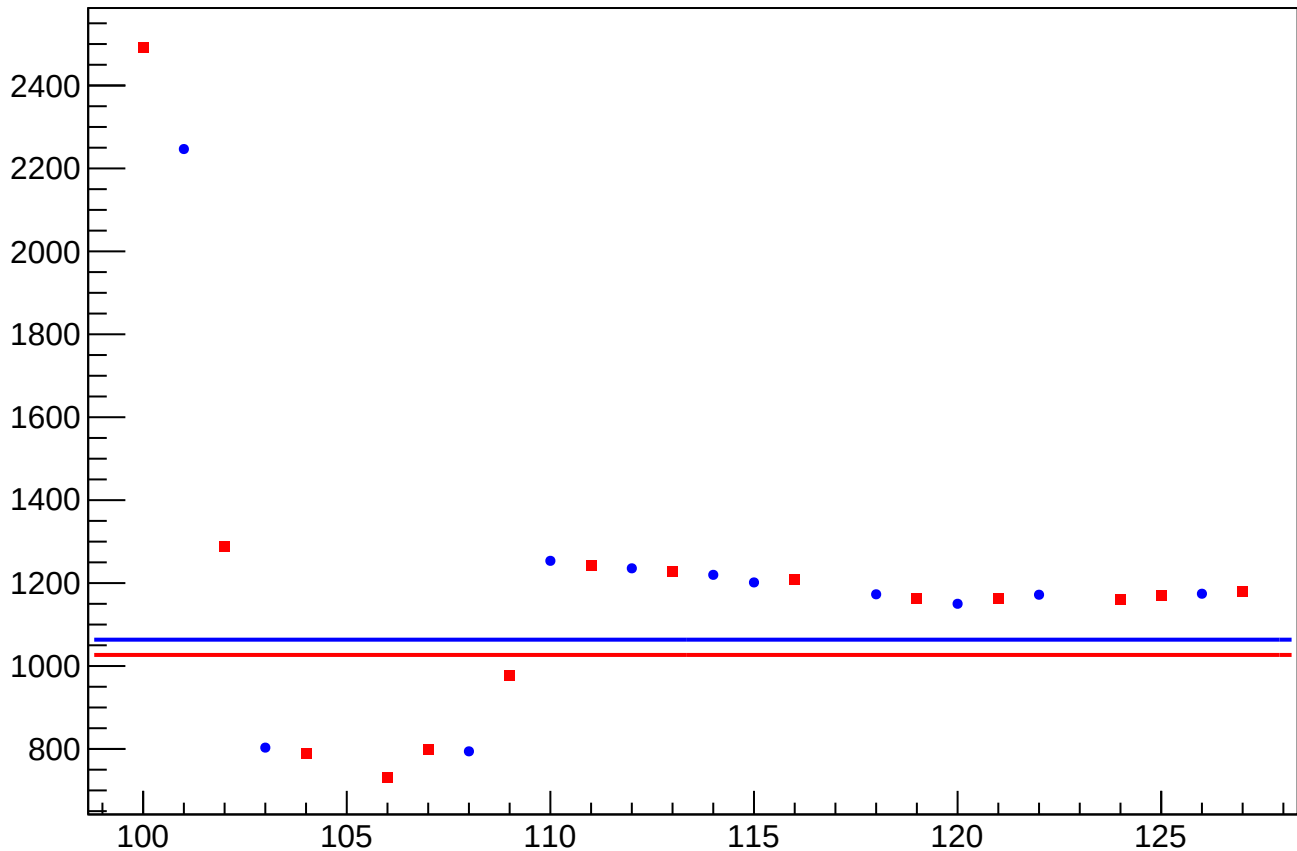
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -112.653+/-345.552 χ^2 /NDF: 21.8/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr2_dd_rms vs Slug



Right In: 1063.537+/-0.368 χ^2/NDF : 654506.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1026.729+/-0.323 χ^2/NDF : 432757.2/13

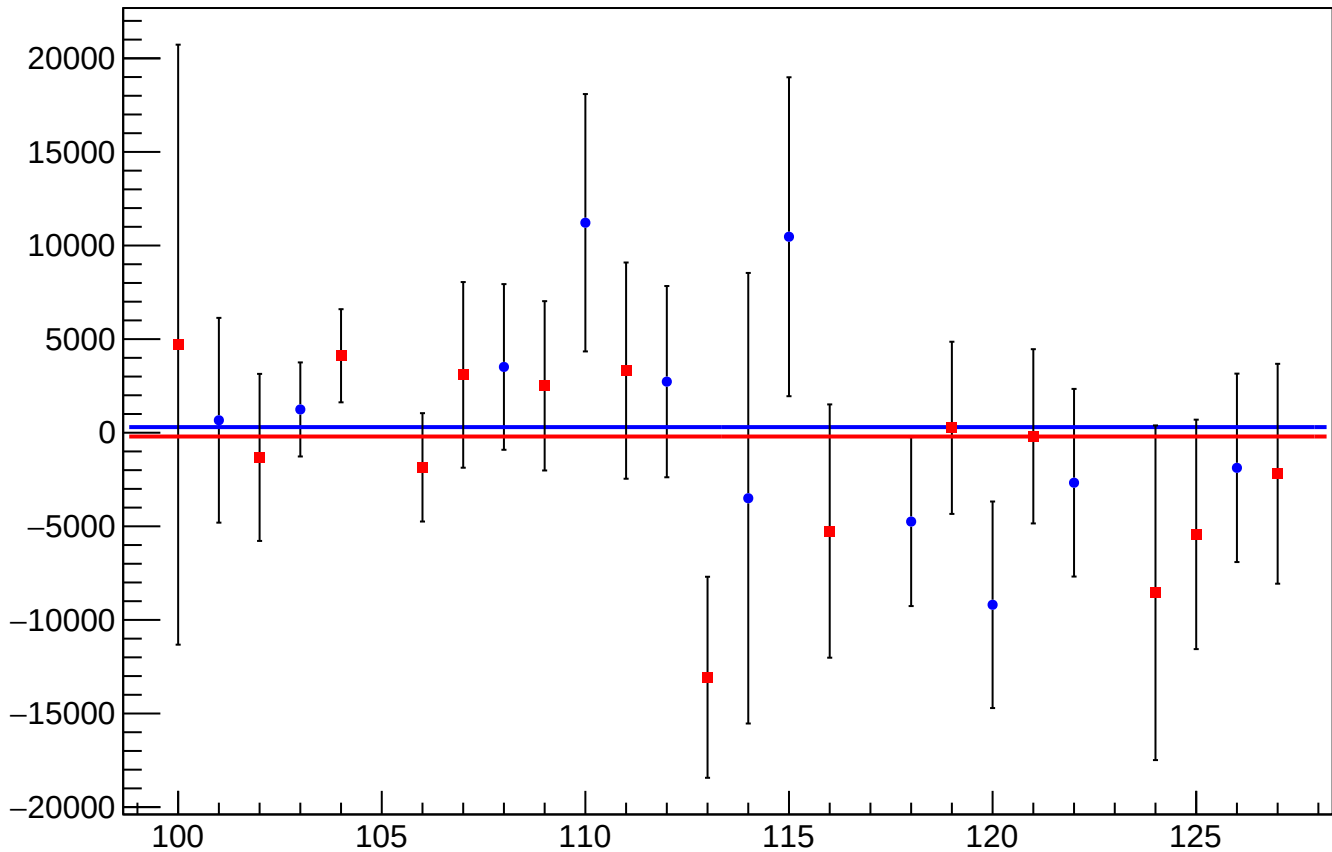
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1042.749+/-0.243 χ^2/NDF : 1092907.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_reg_correction_mean vs Slug



Right In: 299.867 $\pm$ 1436.906 χ^2 /NDF: 9.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -203.017 $\pm$ 1219.269 χ^2 /NDF: 12.7/13

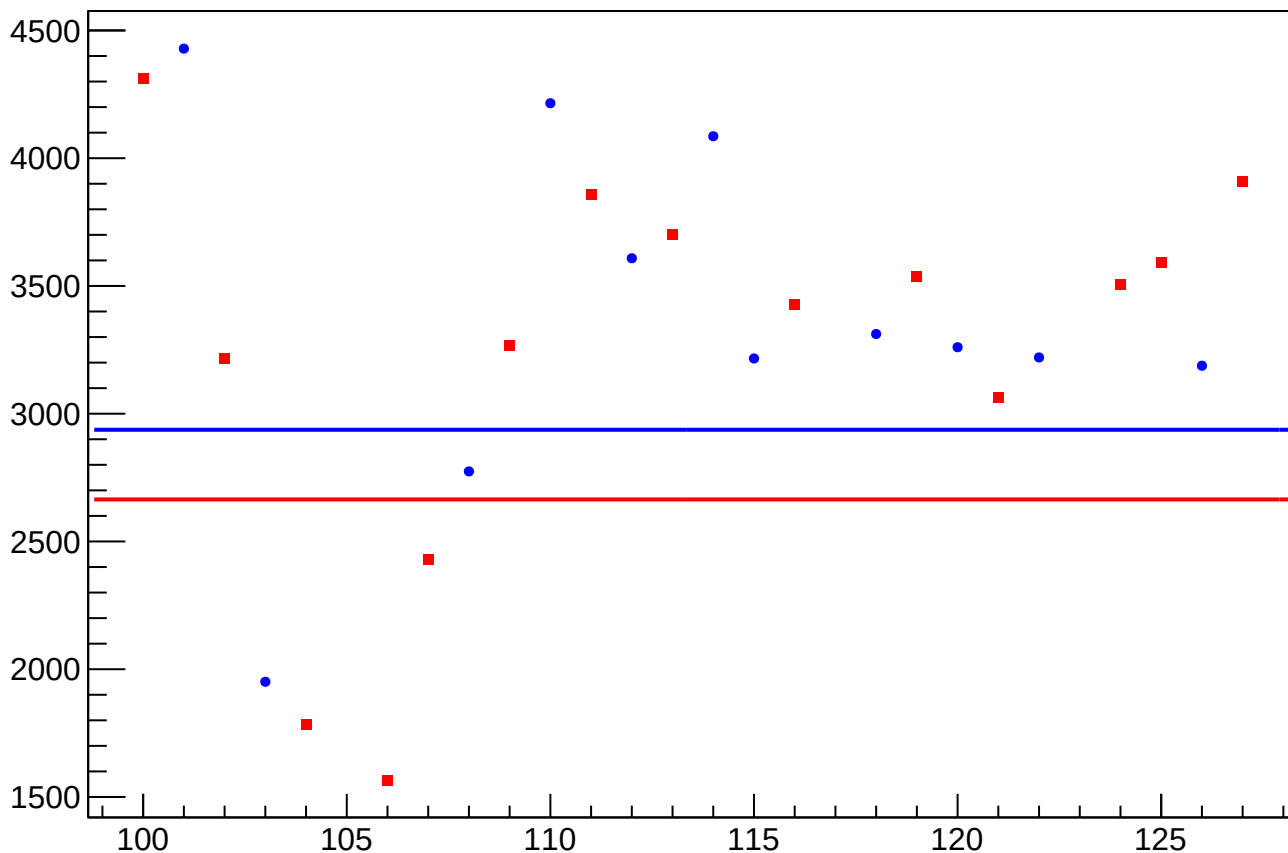
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.495 $\pm$ 929.679 χ^2 /NDF: 22.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_reg_correction_rms vs Slug



Right In: 2937.160+/-1.016 χ^2/NDF : 615677.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

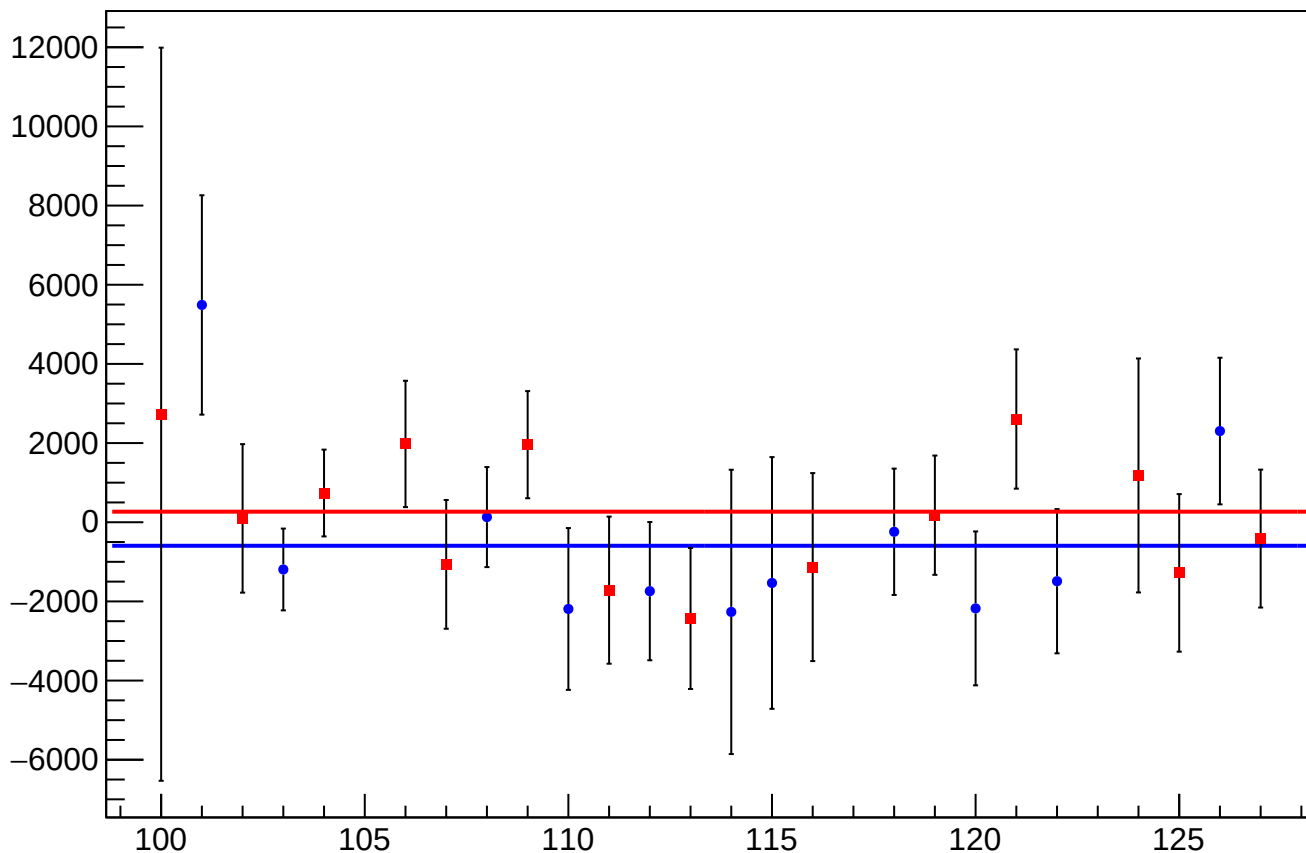
Right Out: 2664.454+/-0.862 χ^2/NDF : 1056058.3/13

All: 2778.611+/-0.657 χ^2/NDF : 1713618.5/24

- 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_usr_atr2_dd_mean vs Slug



Right In: -594.403+/-520.717 χ^2/NDF : 10.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 266.869+/-461.925 χ^2/NDF : 10.1/13

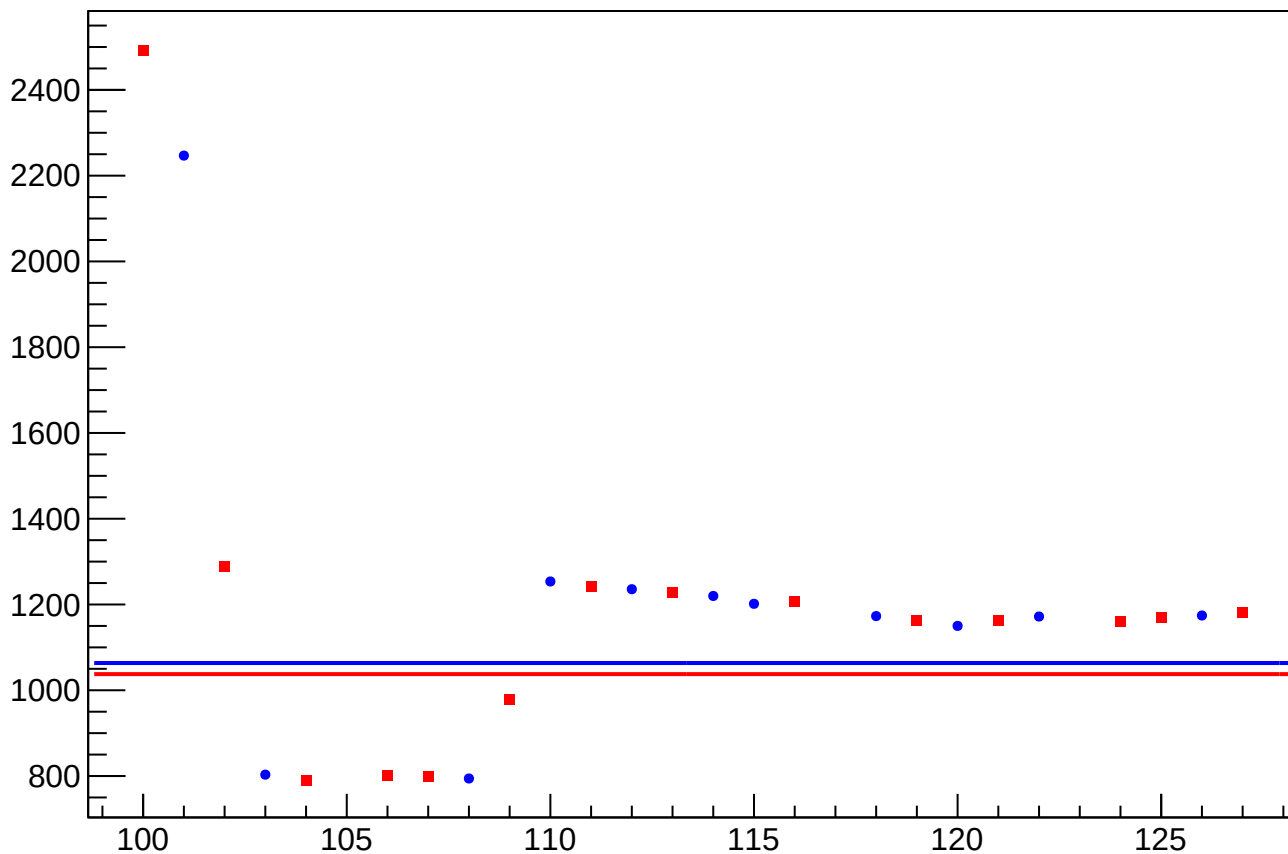
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -112.420+/-345.555 χ^2/NDF : 21.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_atr2_dd_rms vs Slug



Right In: 1063.537+/-0.368 χ^2/NDF : 654503.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1037.639+/-0.326 χ^2/NDF : 388252.7/13

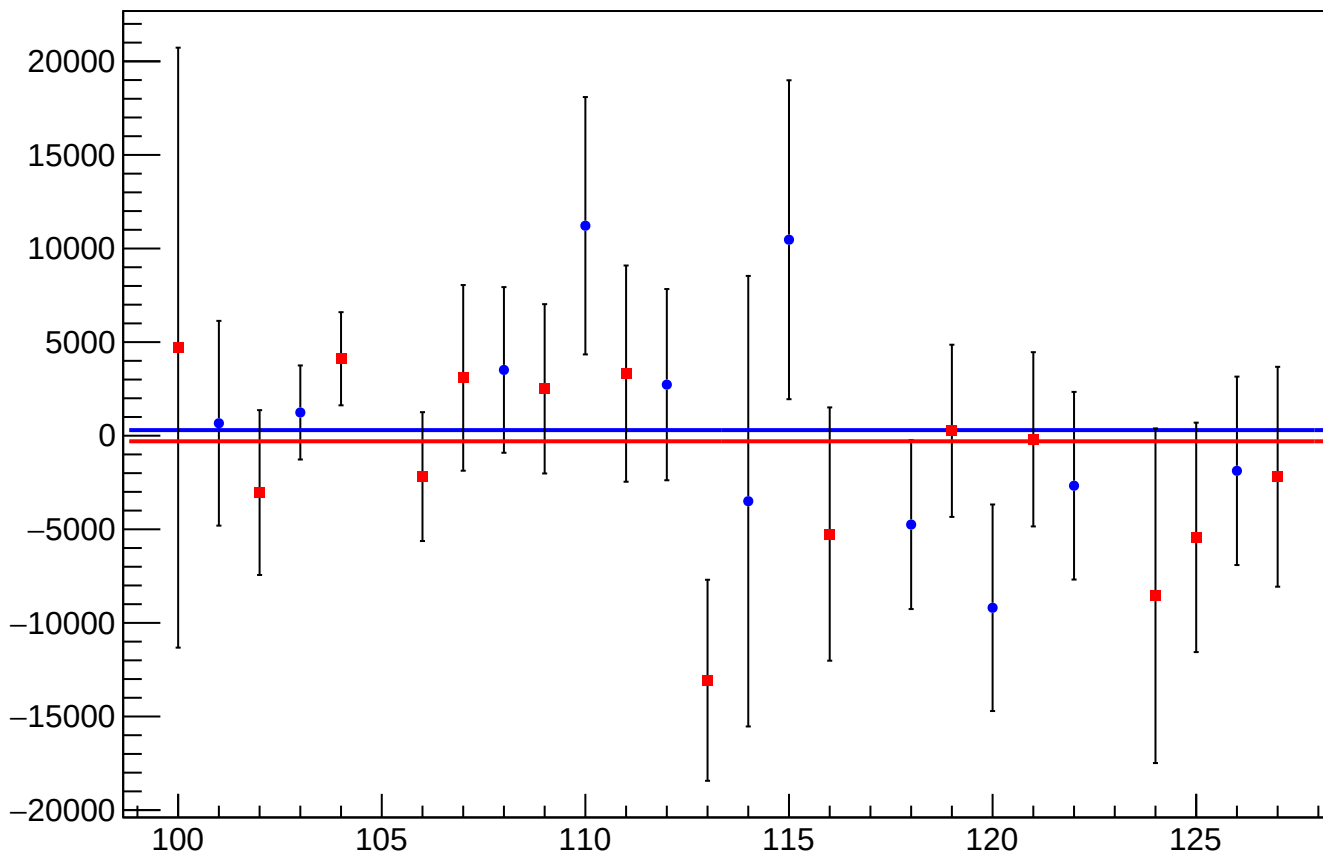
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1049.013+/-0.244 χ^2/NDF : 1045530.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_cor_correction_mean vs Slug



Right In: 299.070 ± 1436.985 χ^2/NDF : 9.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -298.362 ± 1250.942 χ^2/NDF : 13.0/13

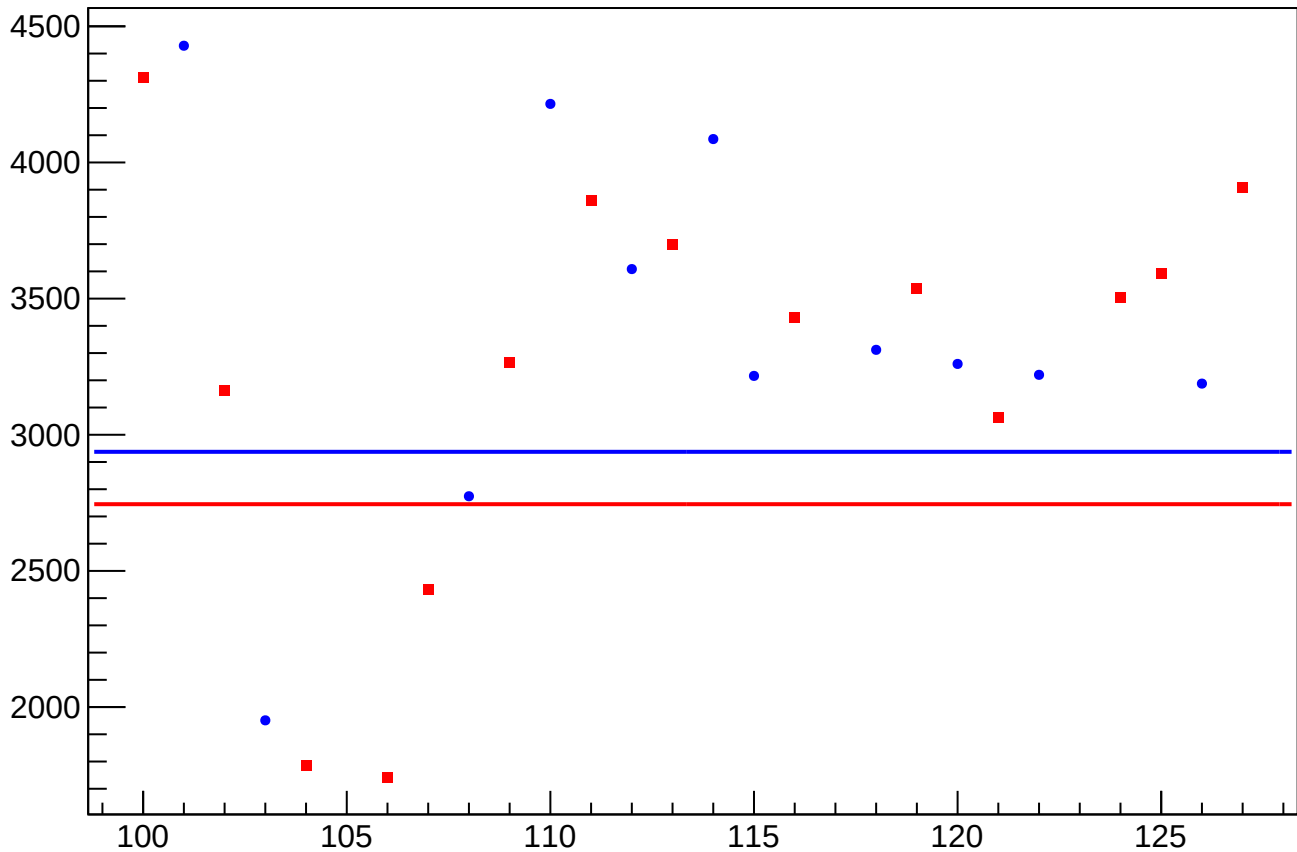
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -40.800 ± 943.516 χ^2/NDF : 22.8/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_cor_correction_rms vs Slug



Right In: 2937.384 ± 1.016 χ^2/NDF : 615348.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

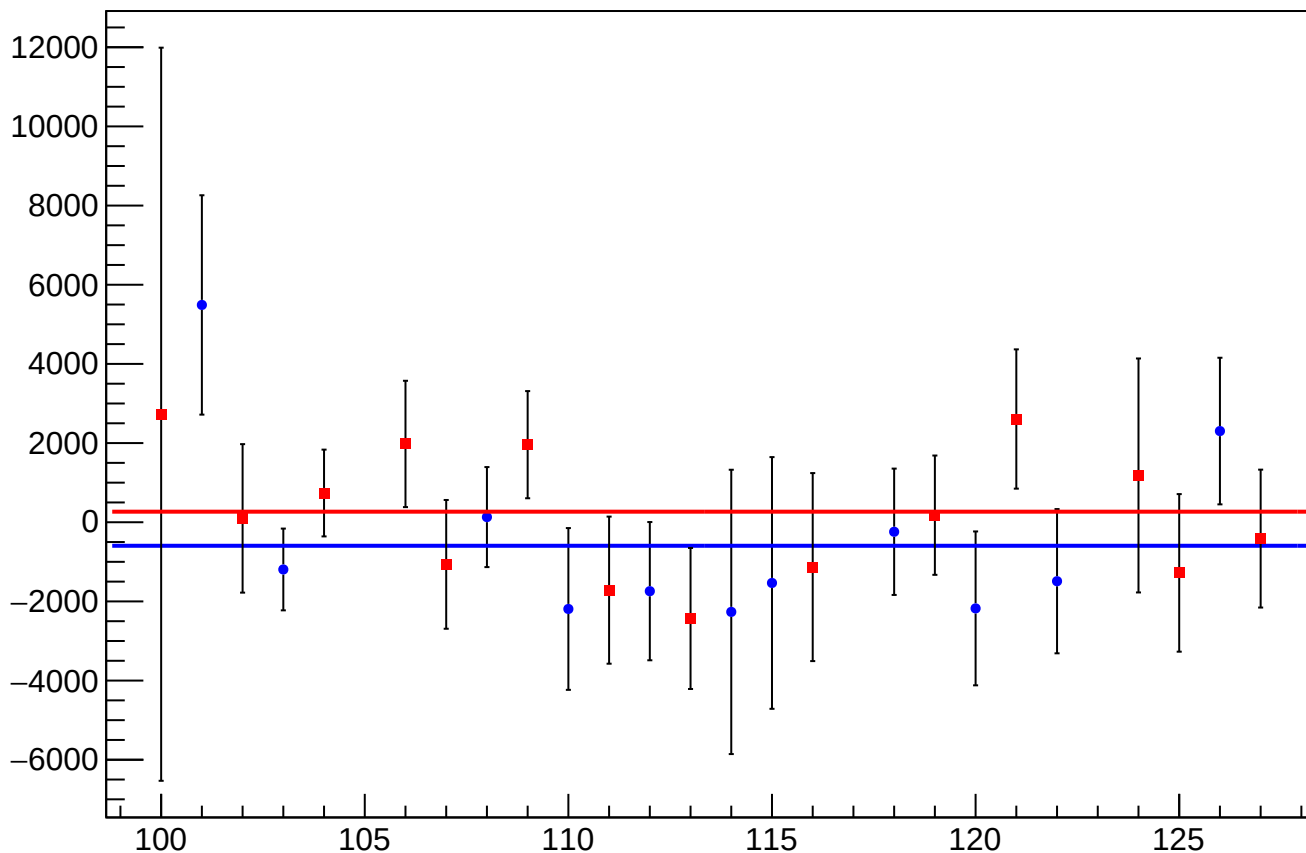
Right Out: 2745.035 ± 0.885 χ^2/NDF : 897937.5/13

All: 2827.960 ± 0.667 χ^2/NDF : 1533671.7/24

- 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_usr_atr2_dd_mean vs Slug



Right In: -594.403+/-520.717 χ^2/NDF : 10.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 266.869+/-461.925 χ^2/NDF : 10.1/13

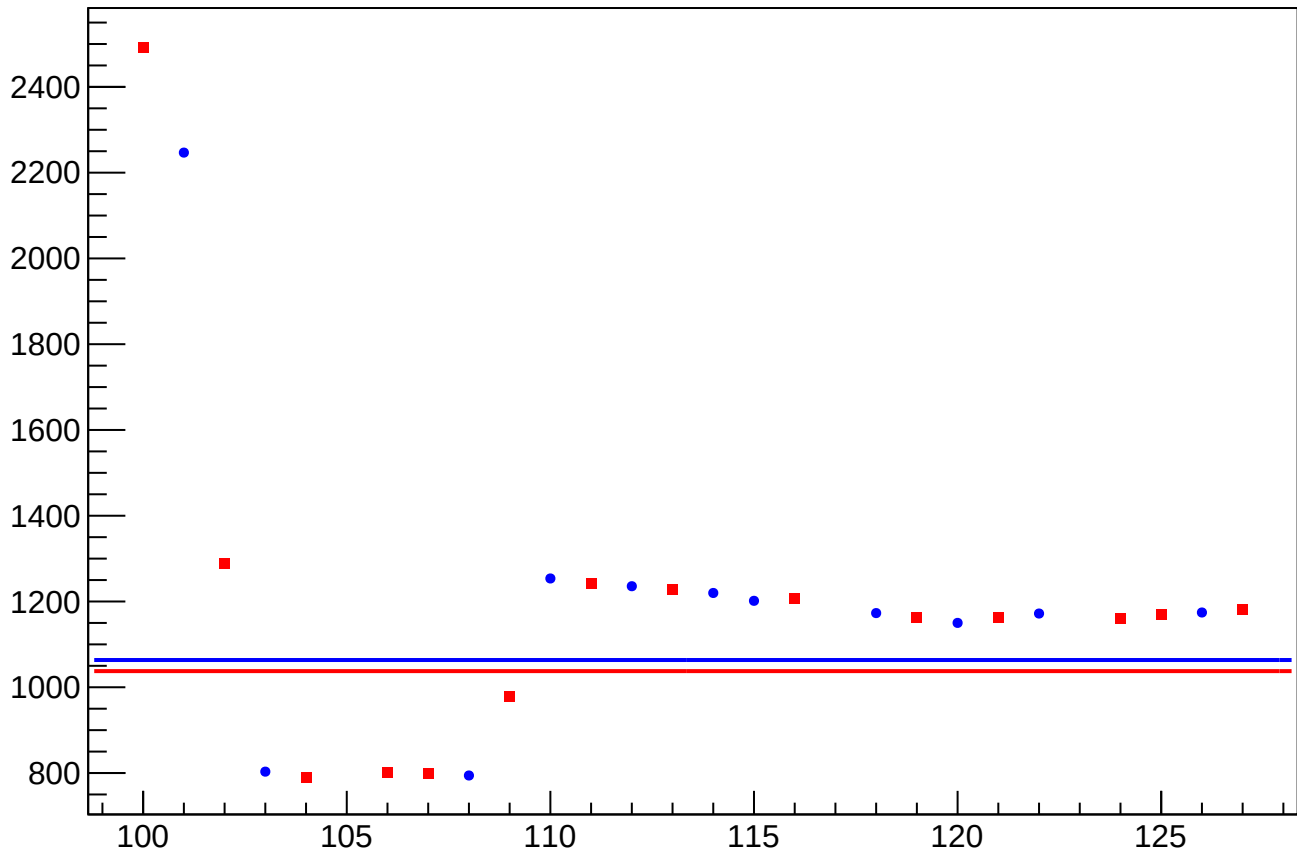
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -112.420+/-345.555 χ^2/NDF : 21.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_atr2_dd_rms vs Slug



Right In: 1063.537+/-0.368 χ^2/NDF : 654503.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

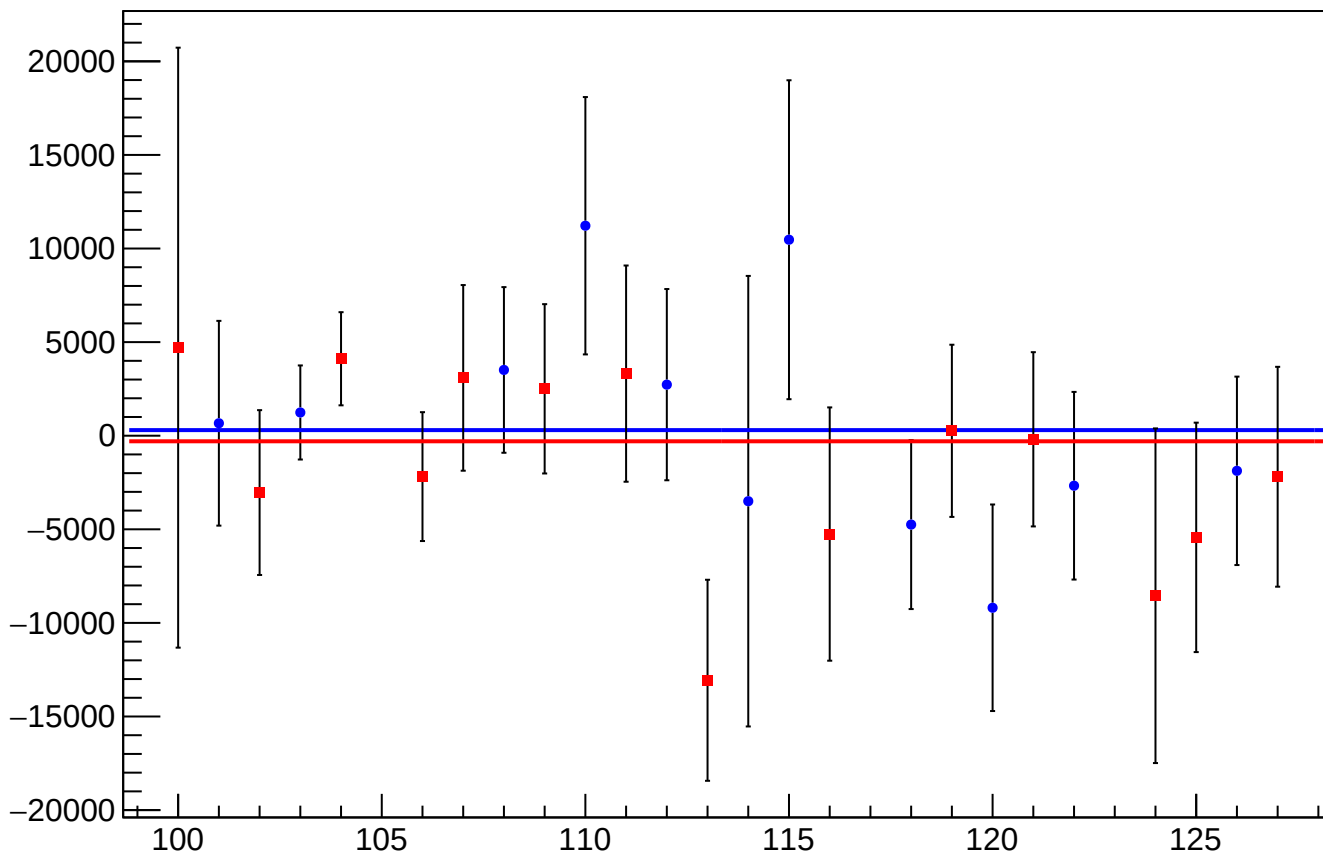
Right Out: 1037.639+/-0.326 χ^2/NDF : 388252.7/13

All: 1049.013+/-0.244 χ^2/NDF : 1045530.6/24

- 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_dd_eigen_cor_correction_mean vs Slug



Right In: 299.070 $\pm$ 1436.985 χ^2 /NDF: 9.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -298.362 $\pm$ 1250.942 χ^2 /NDF: 13.0/13

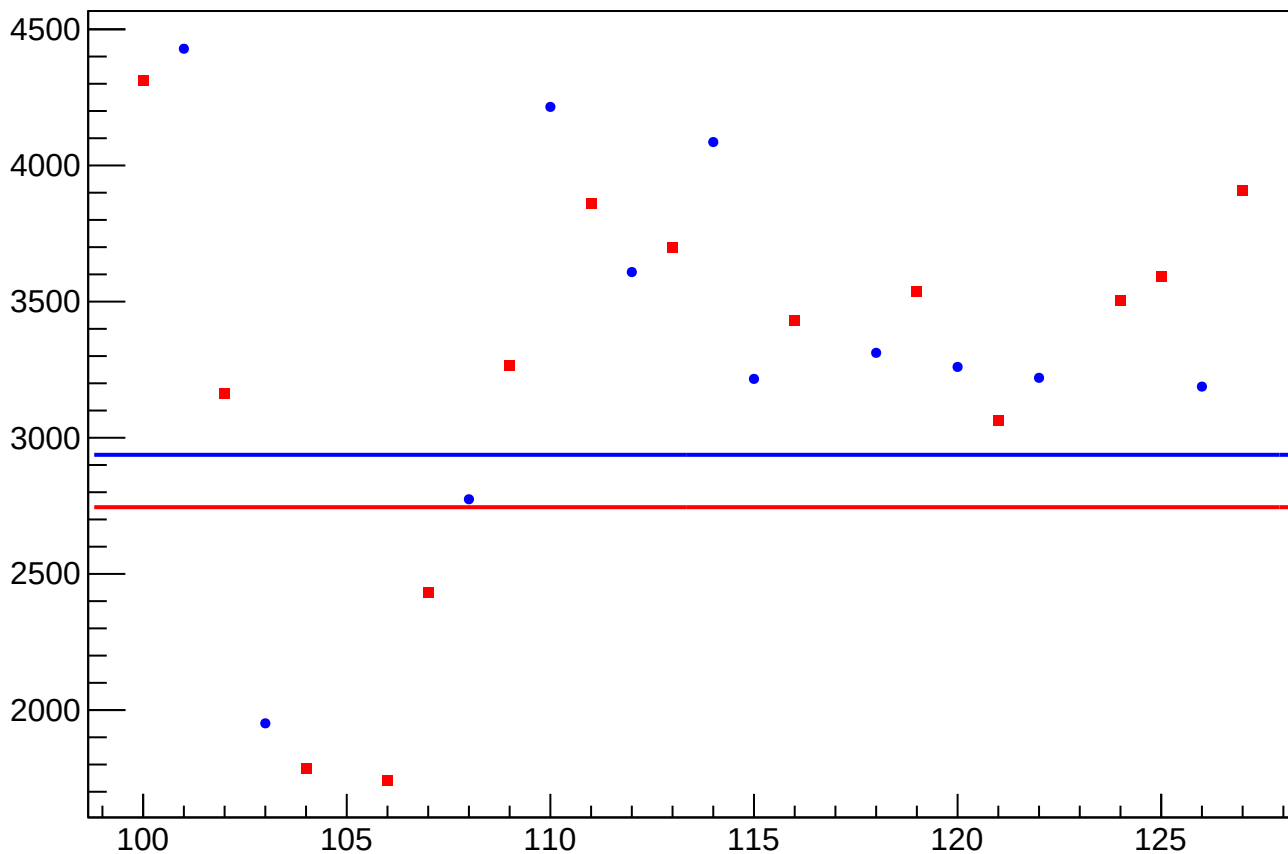
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -40.800 $\pm$ 943.516 χ^2 /NDF: 22.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_eigen_cor_correction_rms vs Slug



Right In: 2937.384+/-1.016 χ^2/NDF : 615348.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2745.035+/-0.885 χ^2/NDF : 897937.5/13

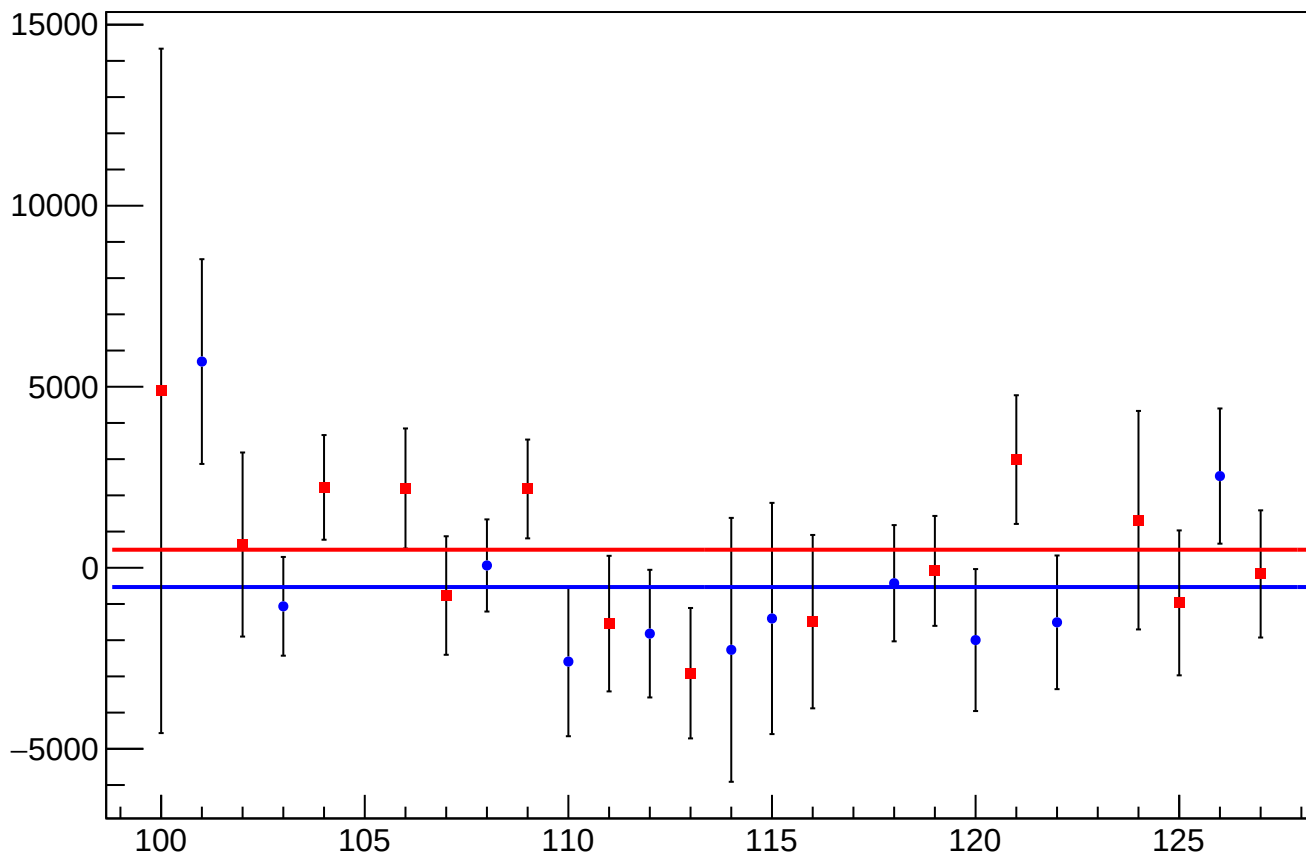
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2827.960+/-0.667 χ^2/NDF : 1533671.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_atr2_dd_mean vs Slug



Right In: -531.991+/-555.618 χ^2/NDF : 10.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 498.713+/-492.661 χ^2/NDF : 13.1/13

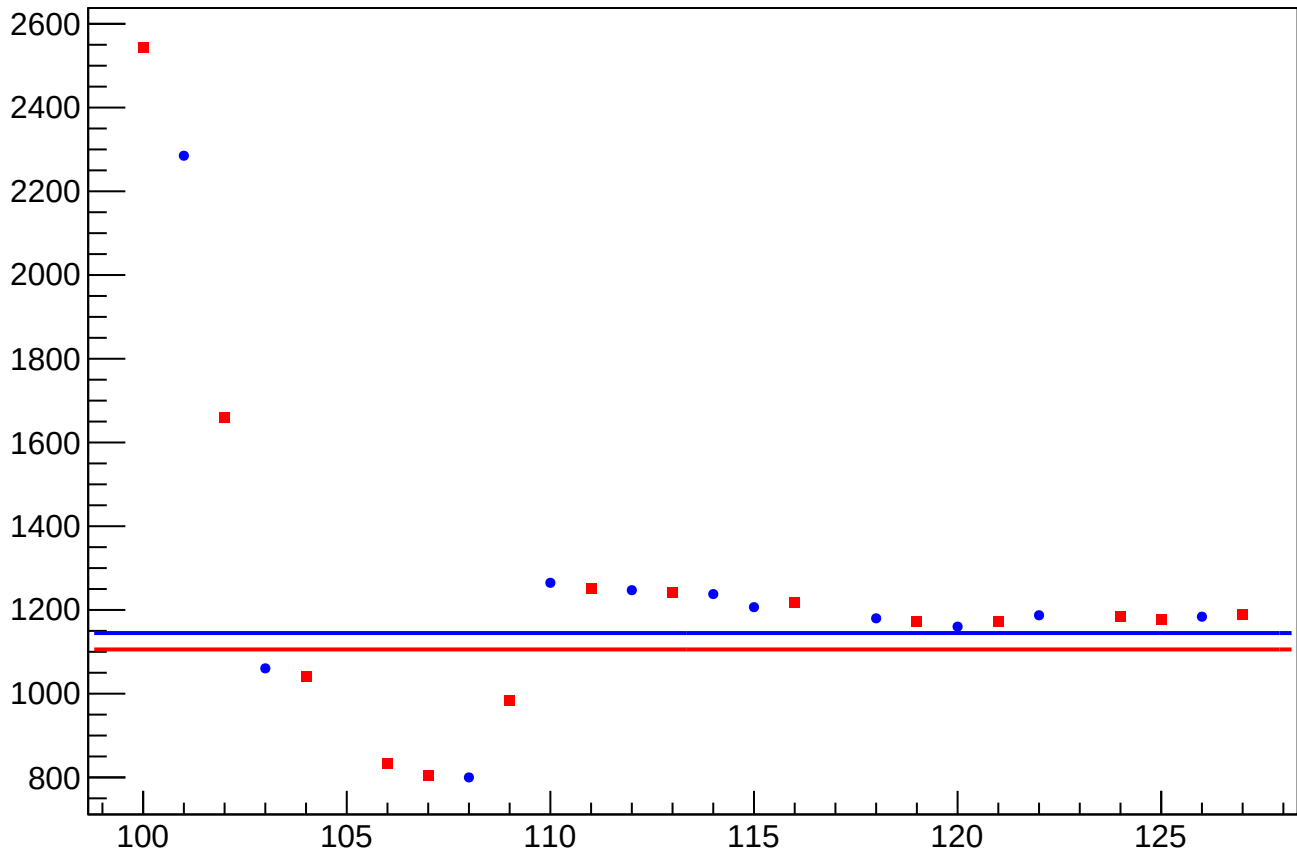
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.040+/-368.621 χ^2/NDF : 25.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_atr2_dd_rms vs Slug



Right In: 1144.799 $\pm$ 0.393 χ^2 /NDF: 498290.5/10

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

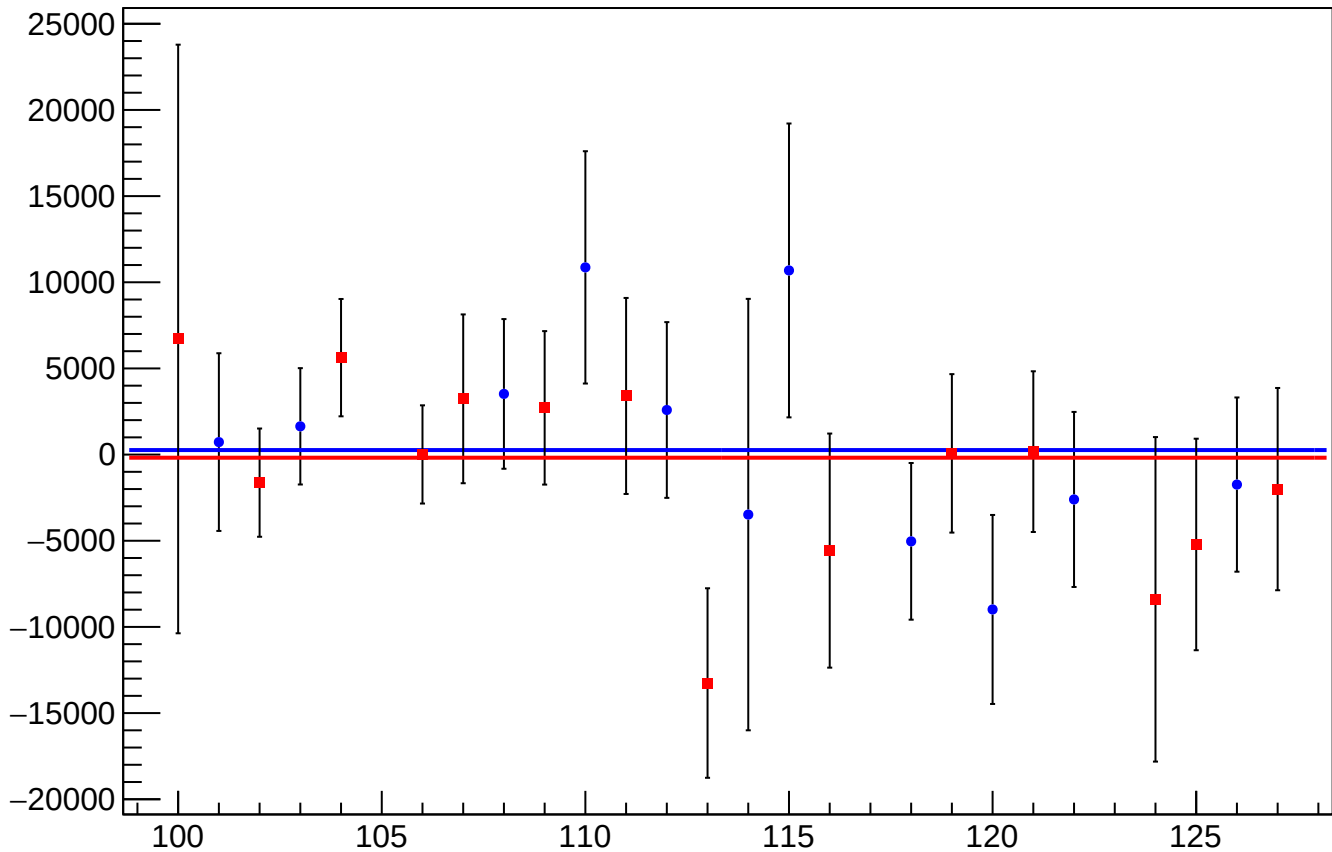
Right Out: 1105.663 $\pm$ 0.348 χ^2 /NDF: 326625.8/13

All: 1122.878 $\pm$ 0.261 χ^2 /NDF: 830474.3/24

- 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_usr_atr2_dd_dit_correction_mean vs Slug



Right In: 262.965+/-1545.761 χ^2 /NDF: 9.7/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -180.685+/-1238.299 χ^2 /NDF: 12.4/13

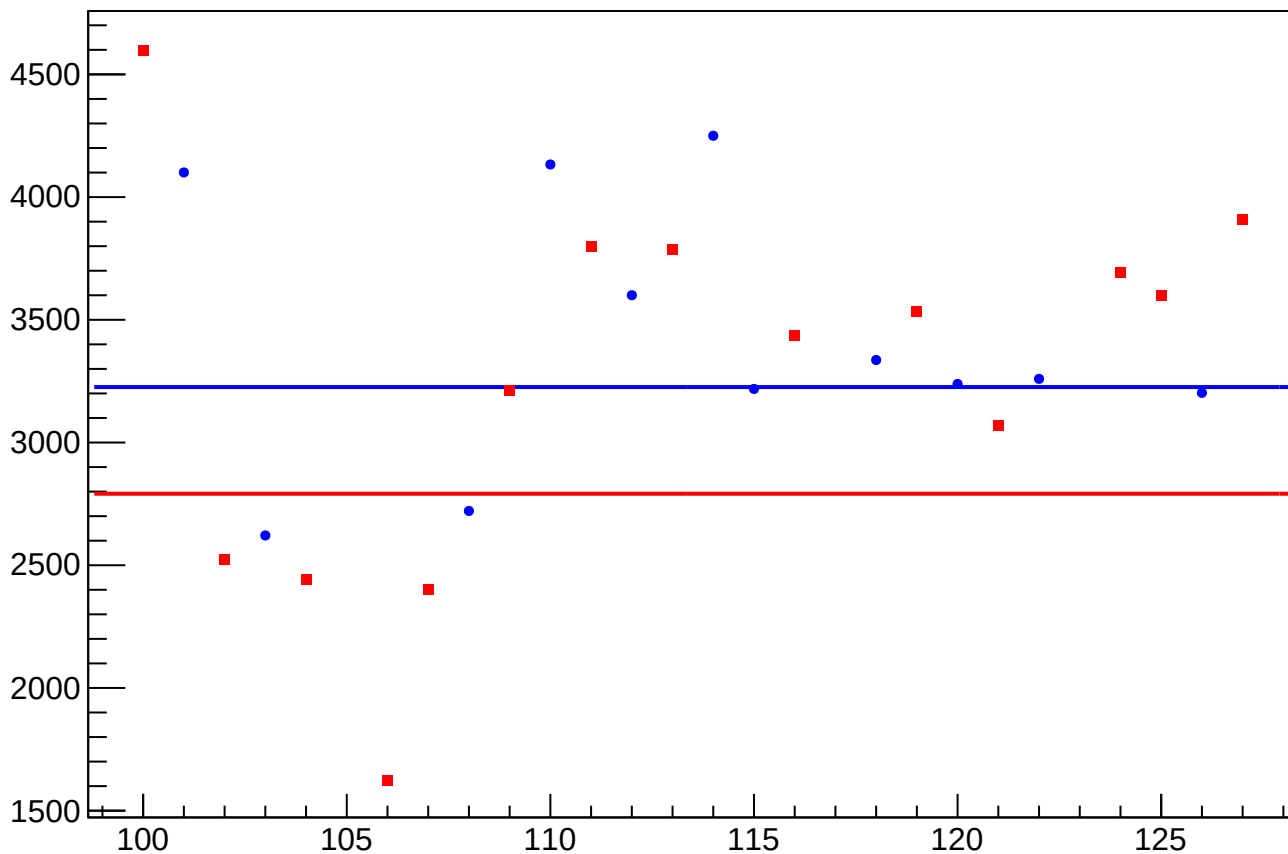
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -7.265+/-966.433 χ^2 /NDF: 22.1/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_dit_correction_rms vs Slug



Right In: 3225.986+/-1.093 χ^2/NDF : 210385.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2791.406+/-0.876 χ^2/NDF : 755091.7/13

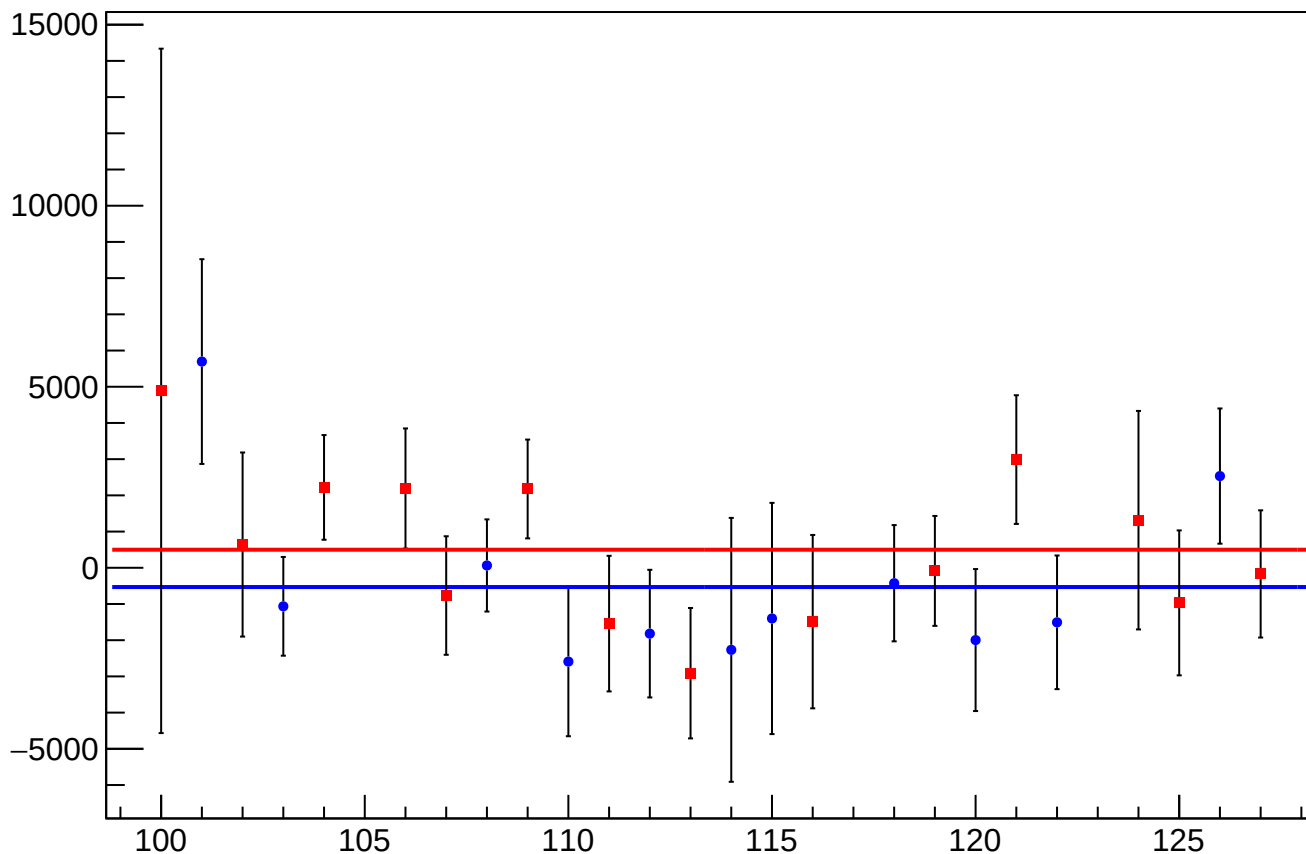
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2961.281+/-0.683 χ^2/NDF : 1061766.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr2_dd_mean vs Slug



Right In: -531.985+/-555.618 χ^2/NDF : 10.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 498.717+/-492.661 χ^2/NDF : 13.1/13

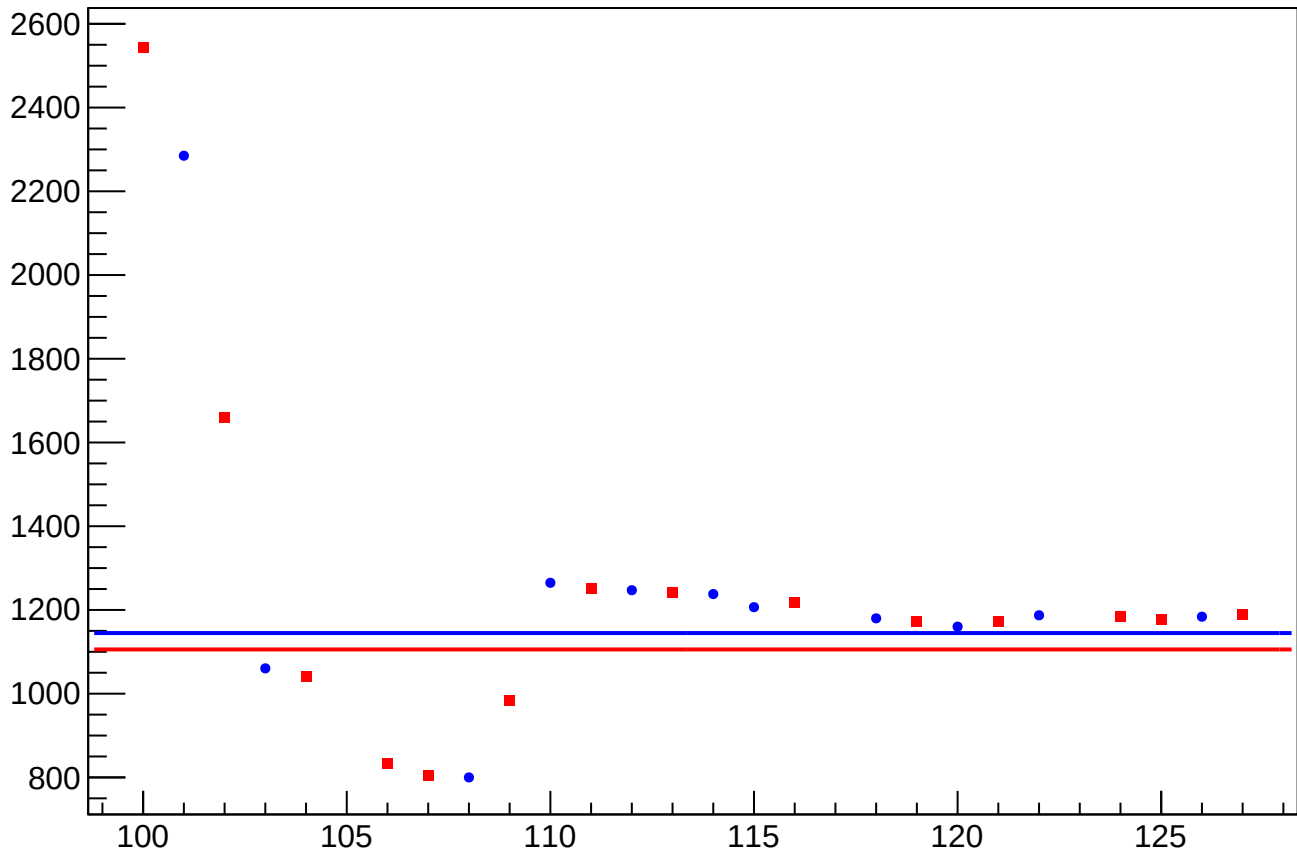
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.045+/-368.621 χ^2/NDF : 25.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr2_dd_rms vs Slug



Right In: 1144.799+/-0.393 χ^2/NDF : 498290.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

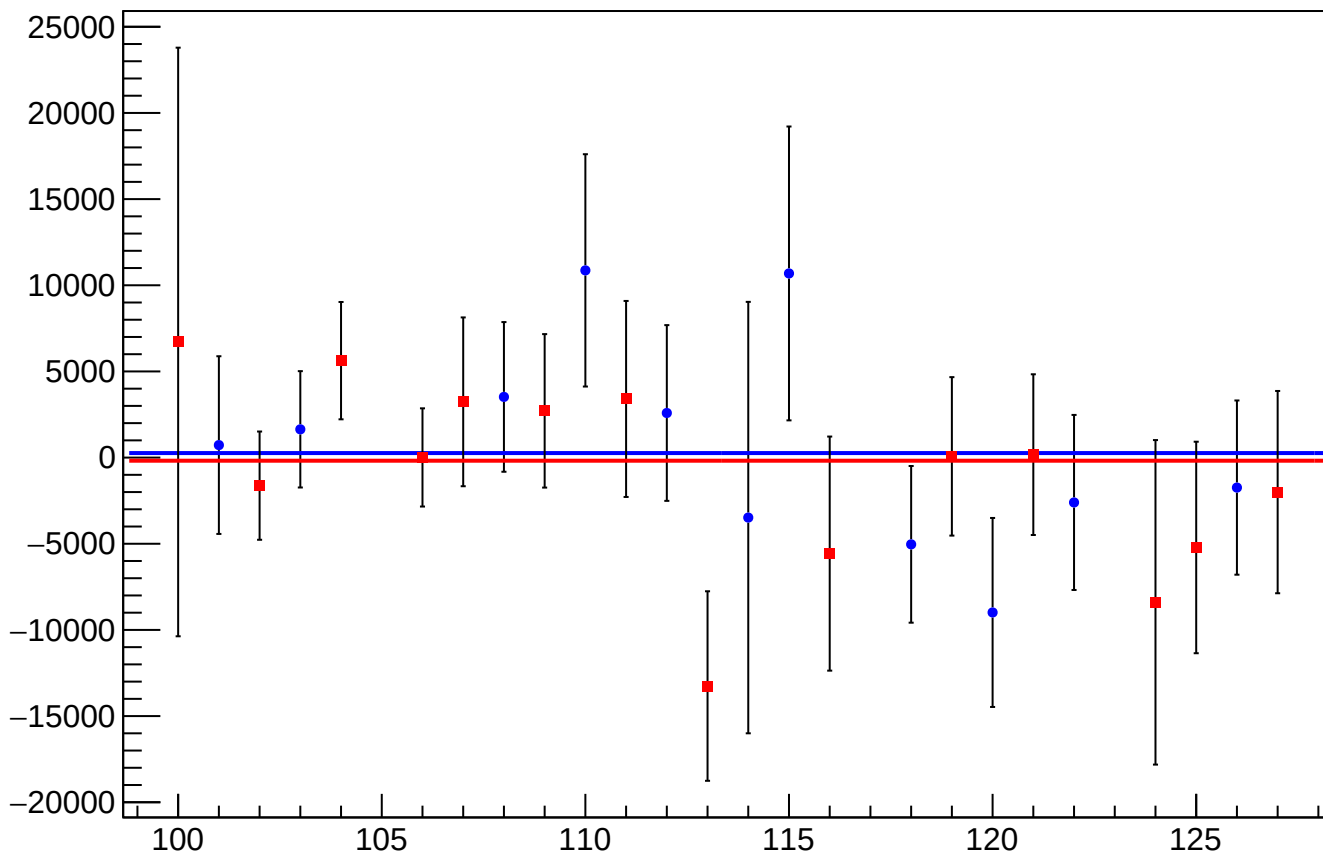
Right Out: 1105.664+/-0.348 χ^2/NDF : 326625.6/13

All: 1122.878+/-0.261 χ^2/NDF : 830474.3/24

- 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_dd_eigen_dit_correction_mean vs Slug



Right In: 262.956 $\pm$ 1545.759 χ^2 /NDF: 9.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -180.678 $\pm$ 1238.296 χ^2 /NDF: 12.4/13

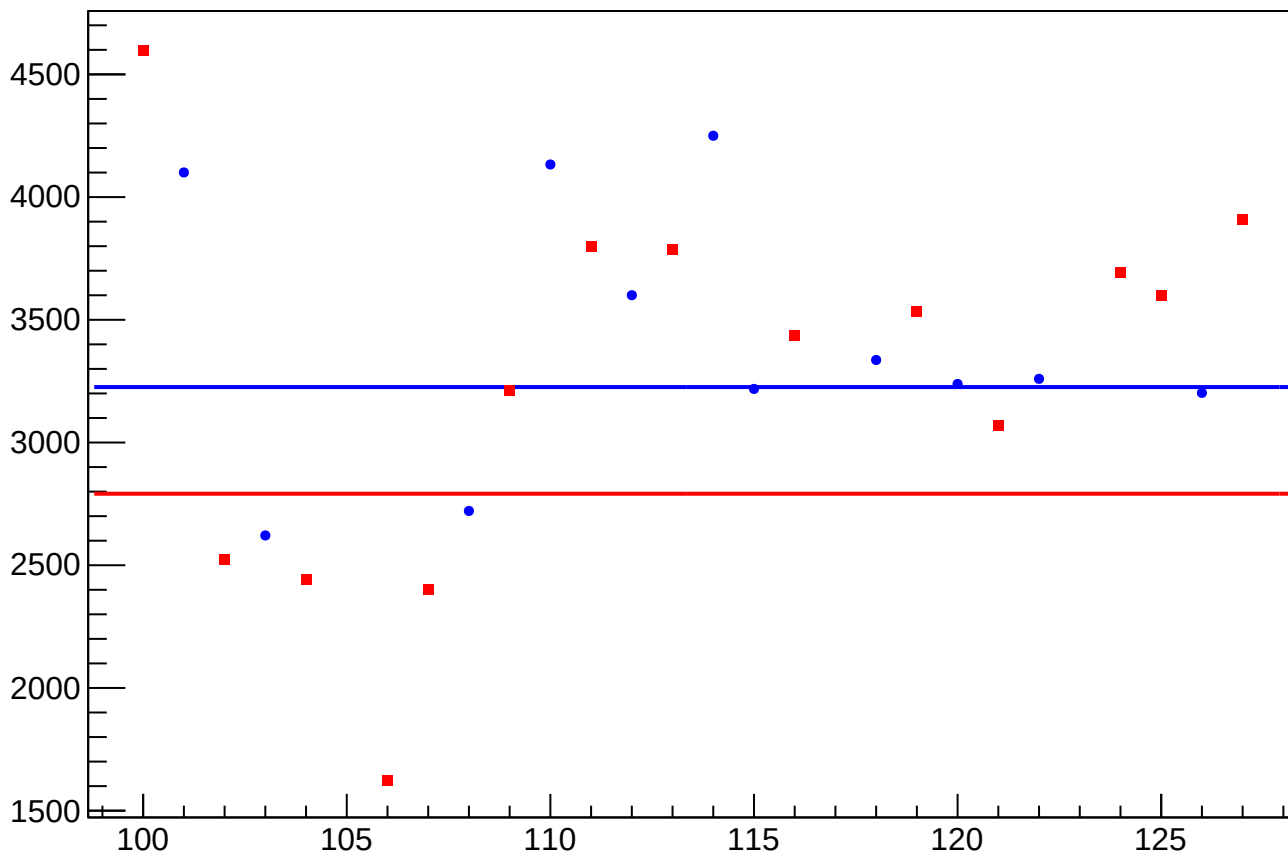
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -7.264 $\pm$ 966.432 χ^2 /NDF: 22.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_eigen_dit_correction_rms vs Slug



Right In: 3225.982+/-1.093 χ^2/NDF : 210382.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2791.400+/-0.876 χ^2/NDF : 755091.6/13

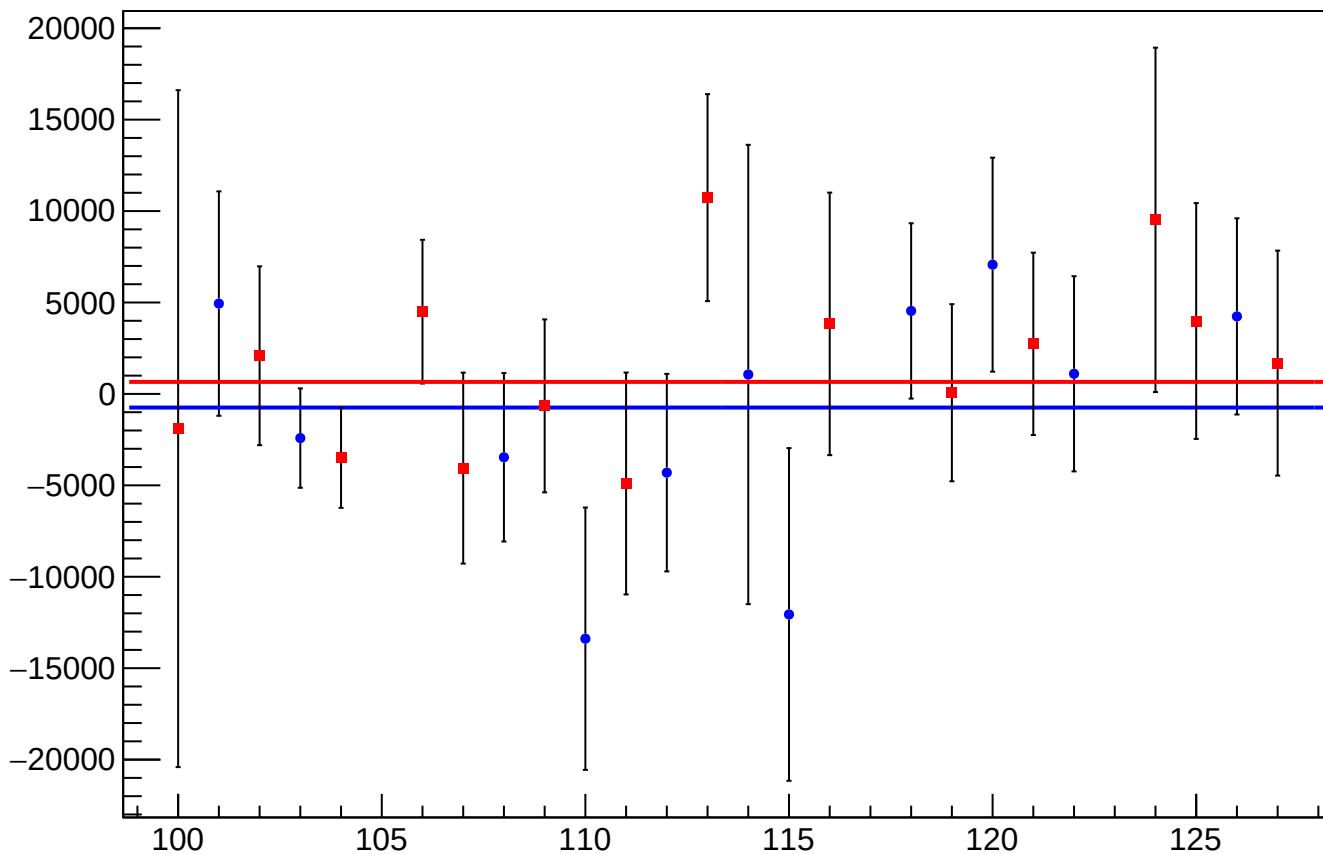
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2961.275+/-0.683 χ^2/NDF : 1061764.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_mean vs Slug



Right In: -745.768+/-1536.251 χ^2/NDF : 10.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 657.666+/-1351.181 χ^2/NDF : 9.9/13

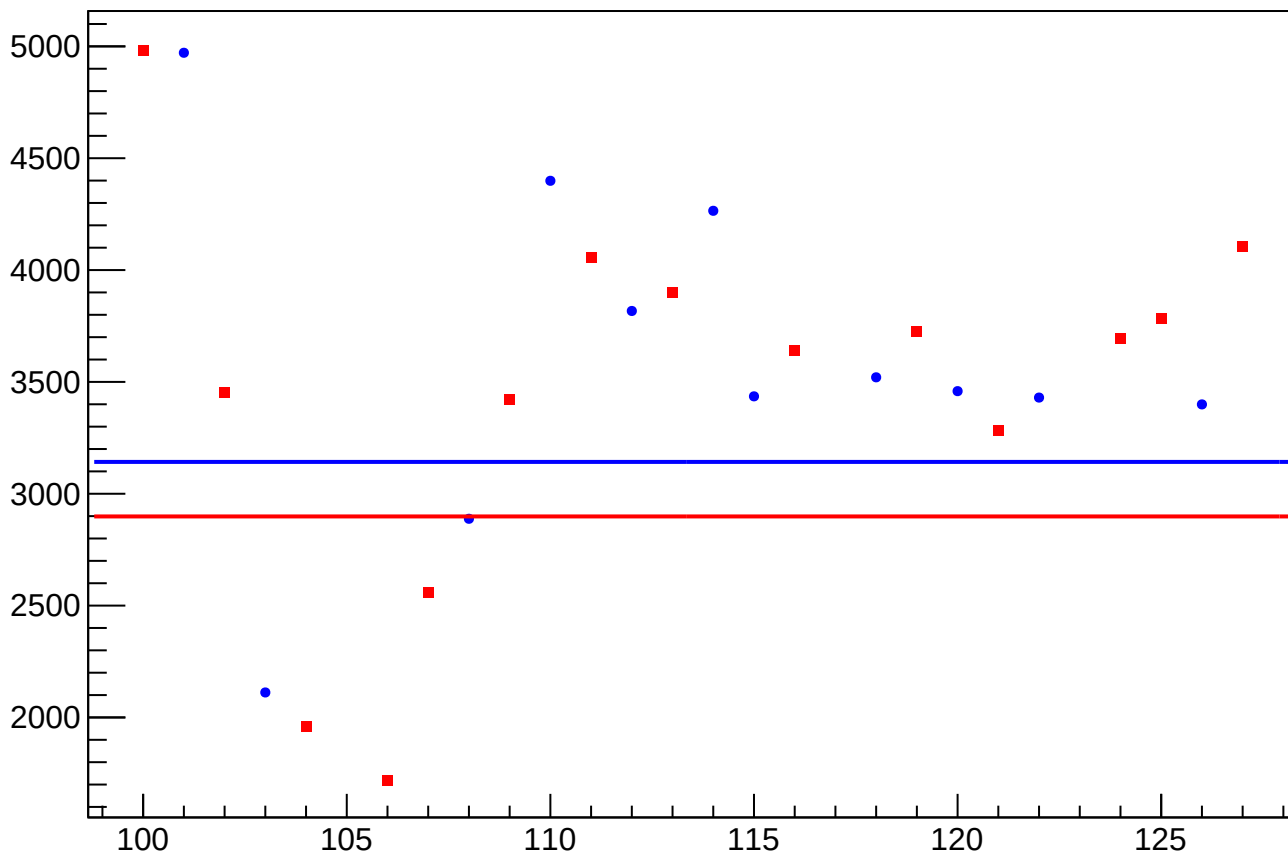
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.534+/-1014.586 χ^2/NDF : 21.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_rms vs Slug



Right In: 3142.373+/-1.086 χ^2/NDF : 610635.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2898.593+/-0.936 χ^2/NDF : 921821.9/13

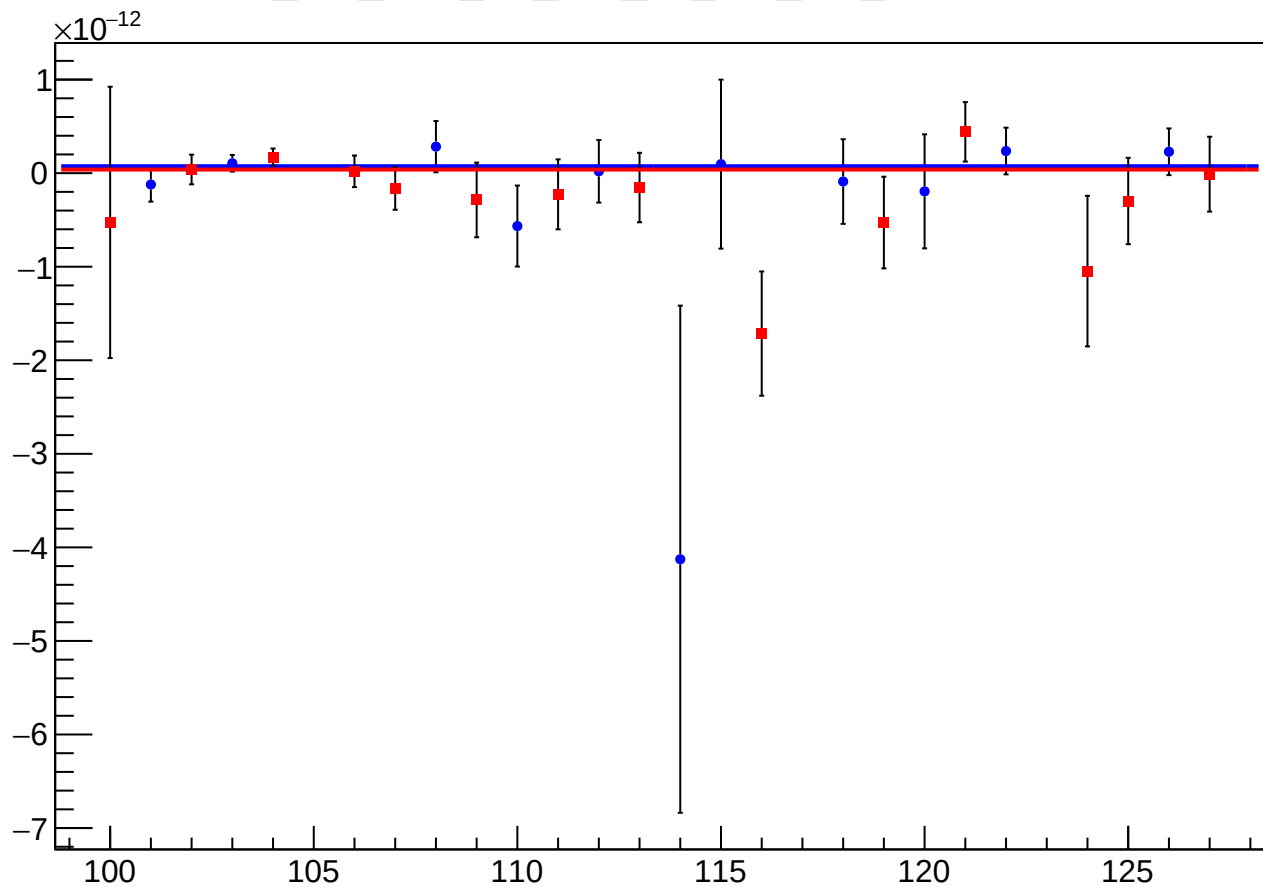
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3002.471+/-0.709 χ^2/NDF : 1561359.7/24

- 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: 7.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.8/13

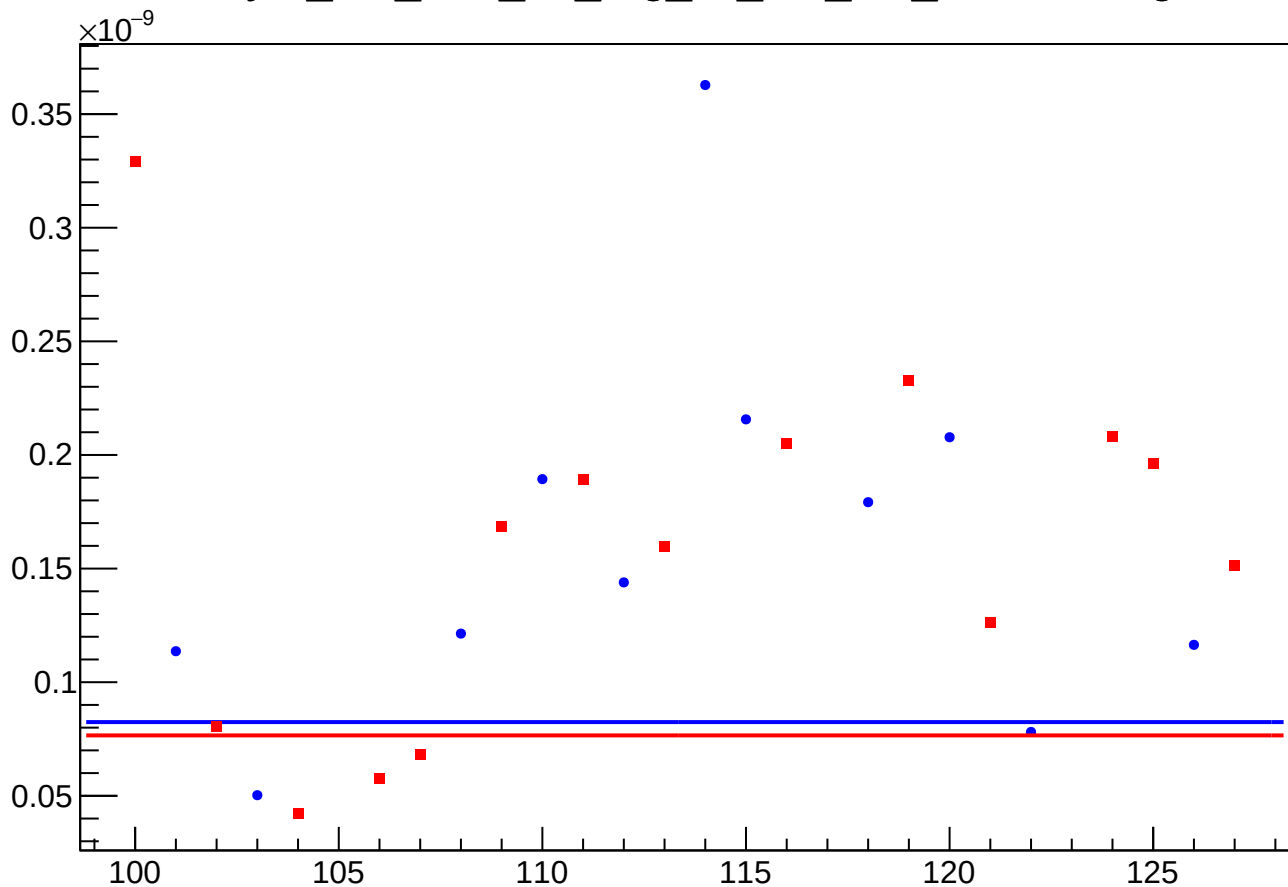
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 24.5/24

- 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 : 828277.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1345801.0/13

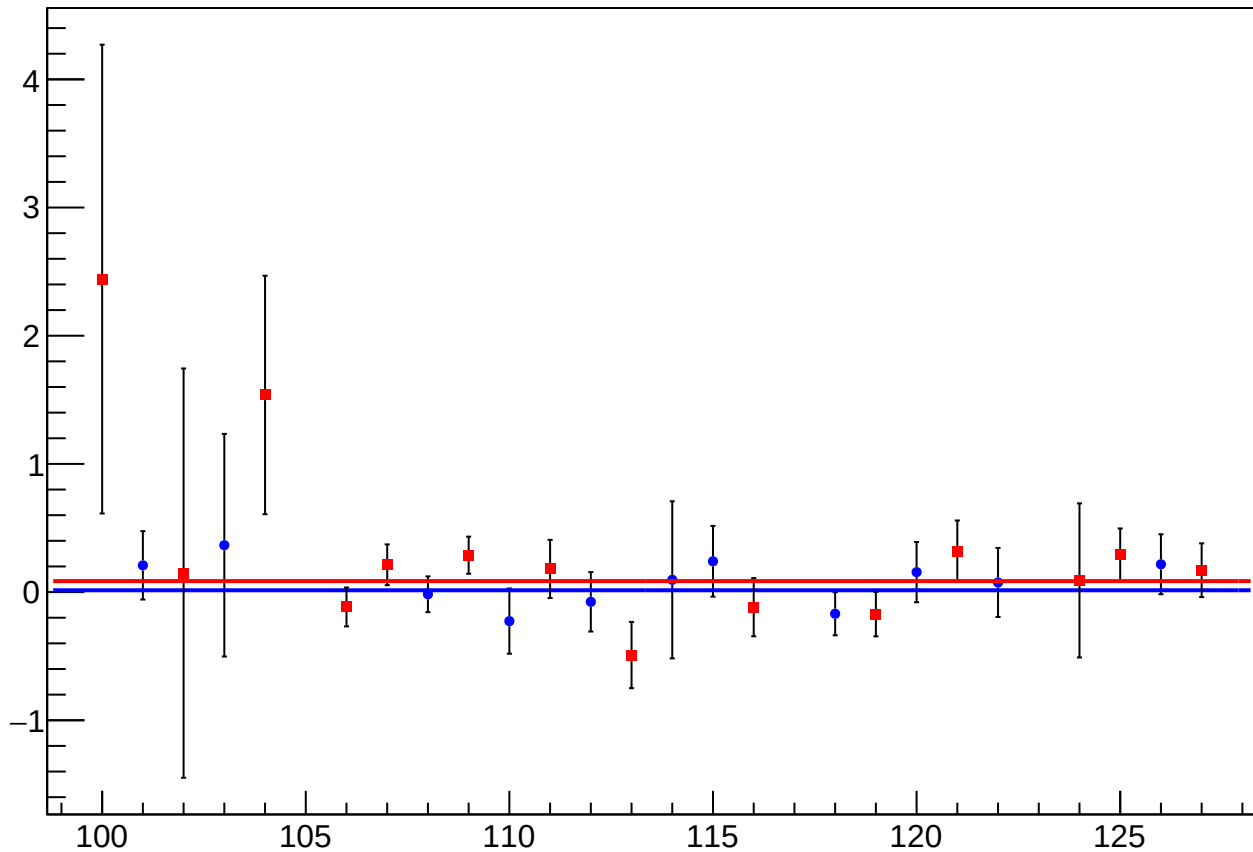
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2182416.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.014 $\pm$ 0.070 χ^2 /NDF: 4.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.086 $\pm$ 0.059 χ^2 /NDF: 18.8/13

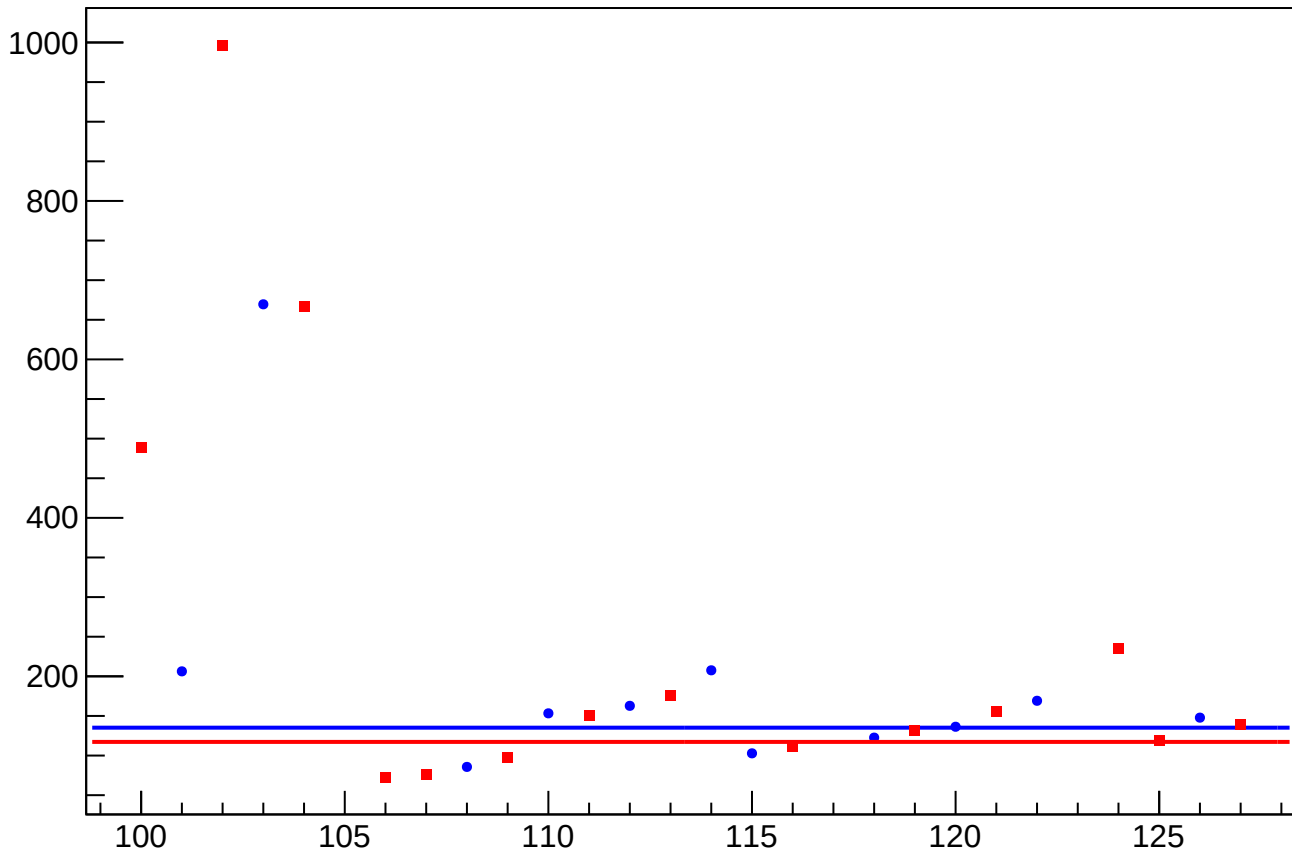
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.056 $\pm$ 0.045 χ^2 /NDF: 24.2/24

- 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: 135.198 $\pm$ 0.050 χ^2 /NDF: 1293689.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 117.230 $\pm$ 0.042 χ^2 /NDF: 2056908.3/13

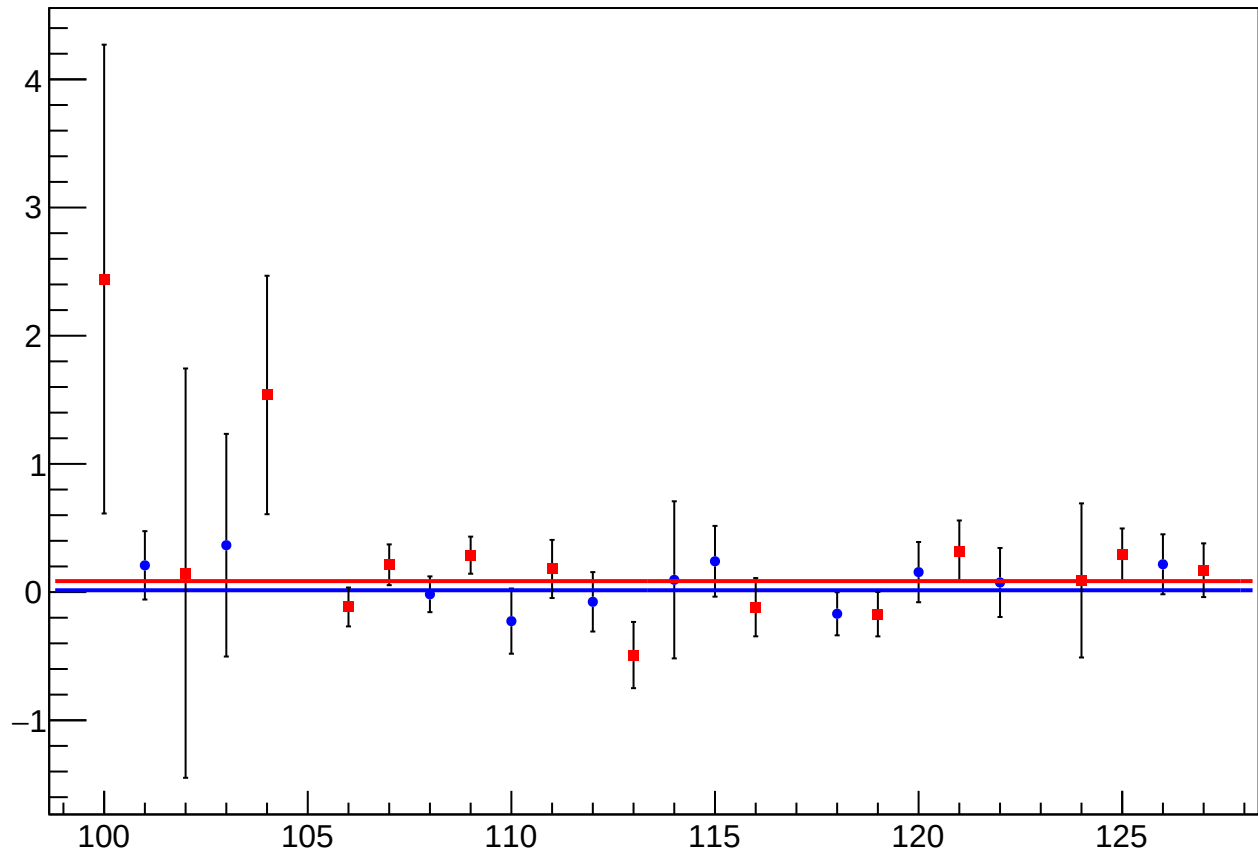
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 124.660 $\pm$ 0.032 χ^2 /NDF: 3427157.9/24

- 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: 0.014 $\pm$ 0.070 χ^2 /NDF: 4.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.086 $\pm$ 0.059 χ^2 /NDF: 18.8/13

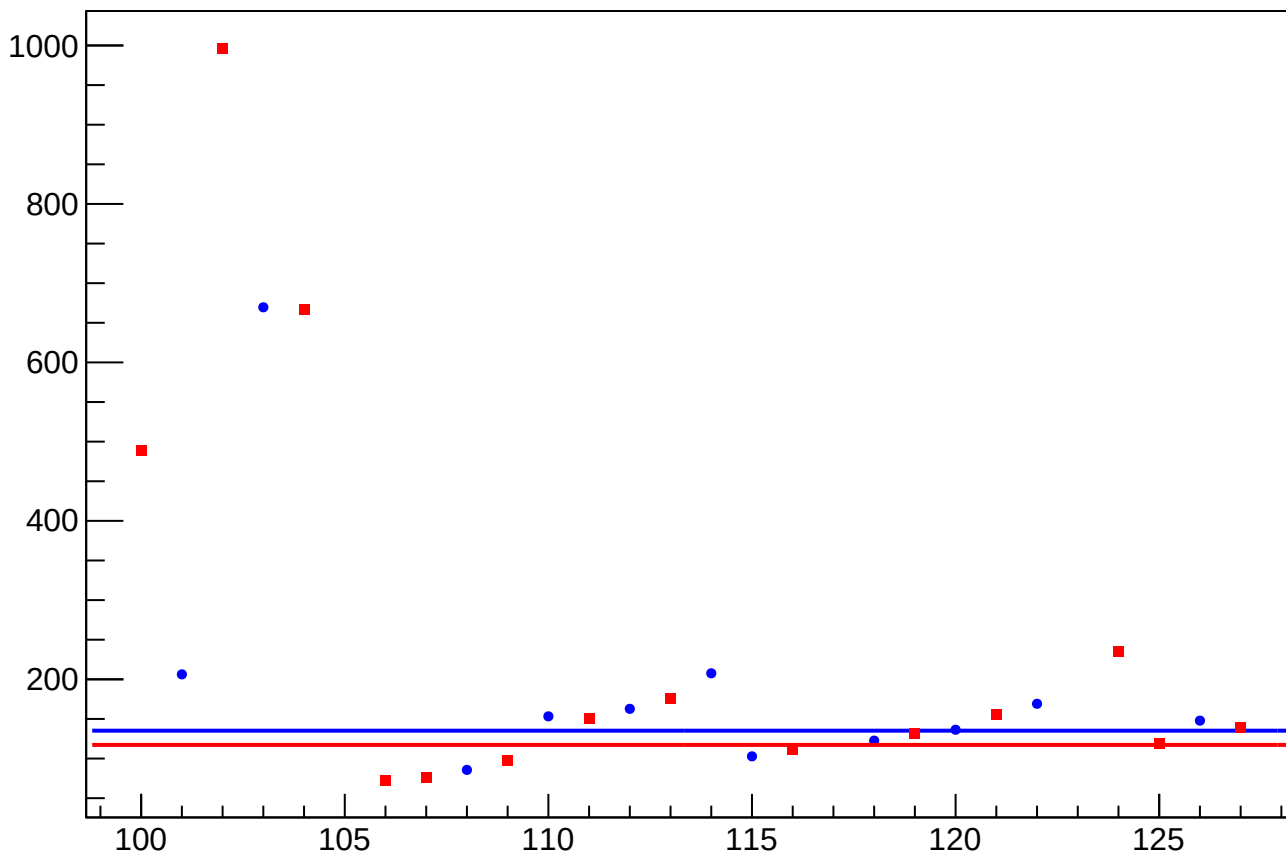
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.056 $\pm$ 0.045 χ^2 /NDF: 24.2/24

- 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: 135.198+/-0.050 χ^2/NDF : 1293689.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 117.230+/-0.042 χ^2/NDF : 2056908.3/13

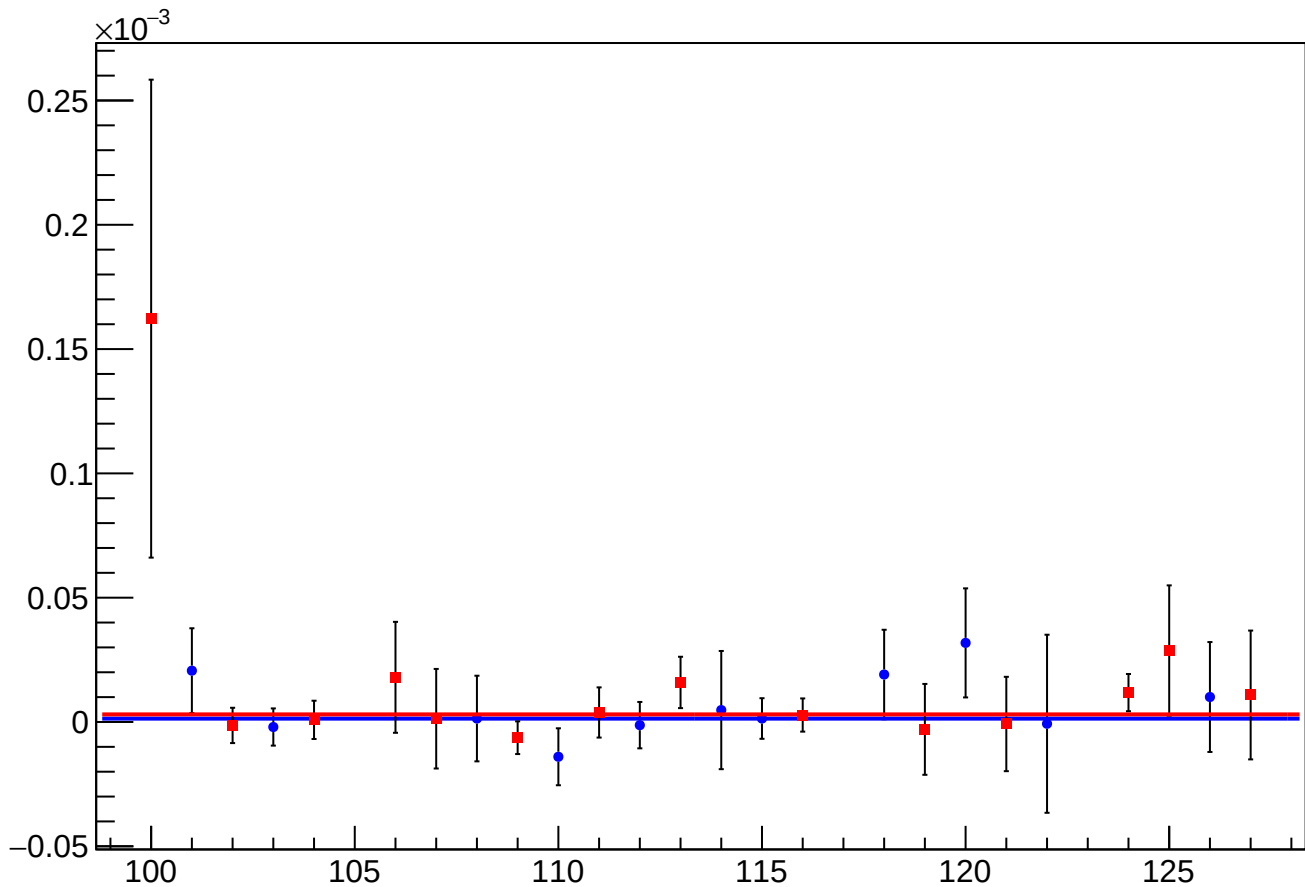
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.660+/-0.032 χ^2/NDF : 3427157.9/24

- 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+/-0.000 χ^2/NDF : 6.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.8/13

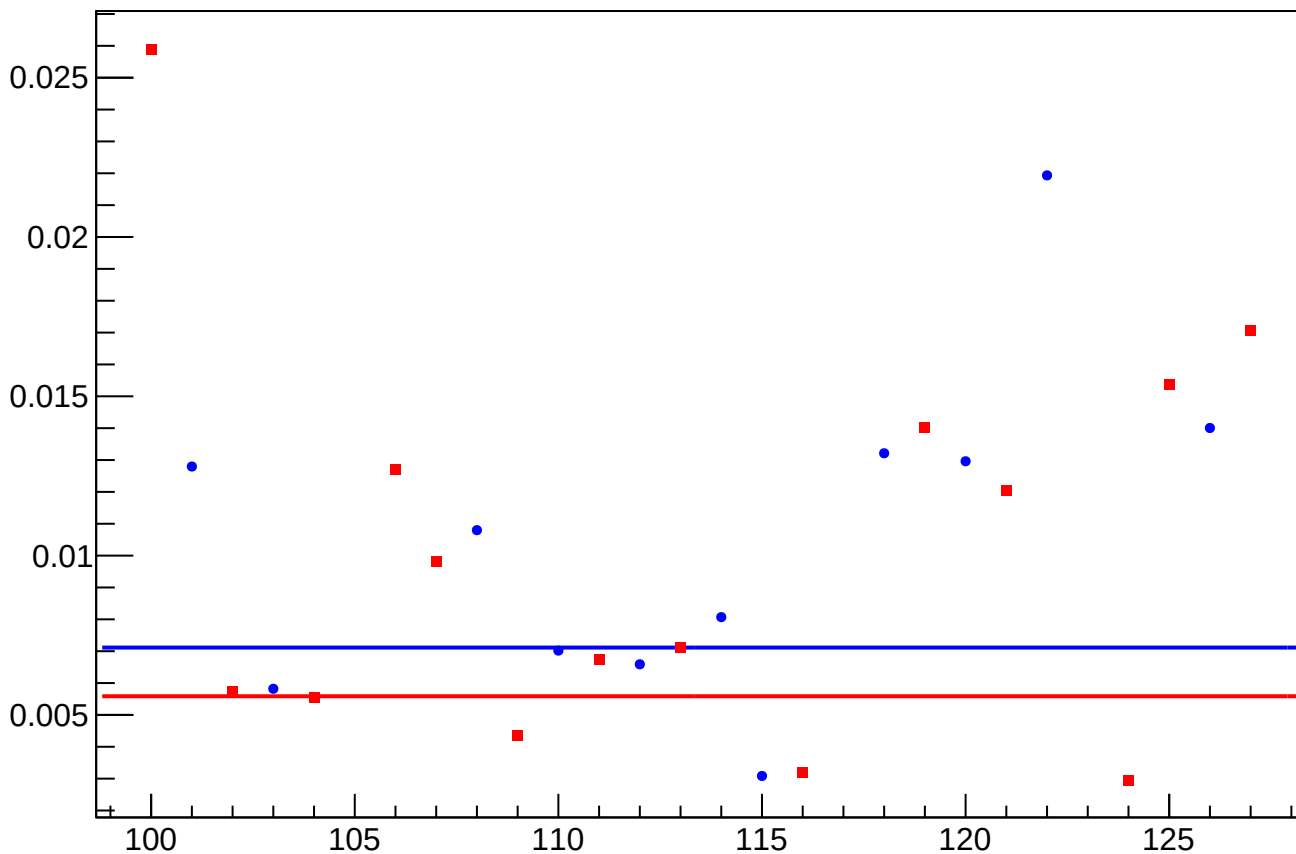
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.4/24

- sign 0.000+/-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 : 1778537.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 2357732.6/13

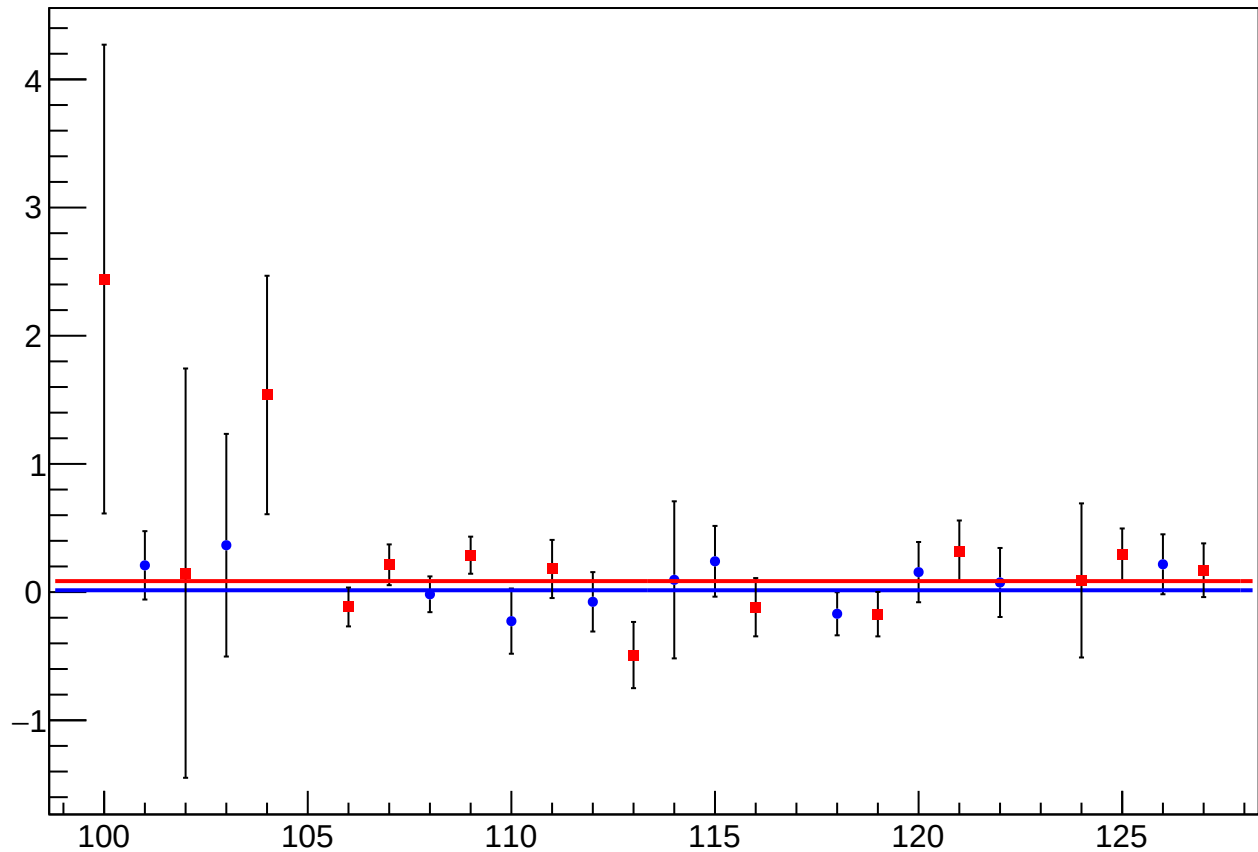
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 4347175.3/24

- 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: 0.014 $\pm$ 0.070 χ^2 /NDF: 4.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.086 $\pm$ 0.059 χ^2 /NDF: 18.8/13

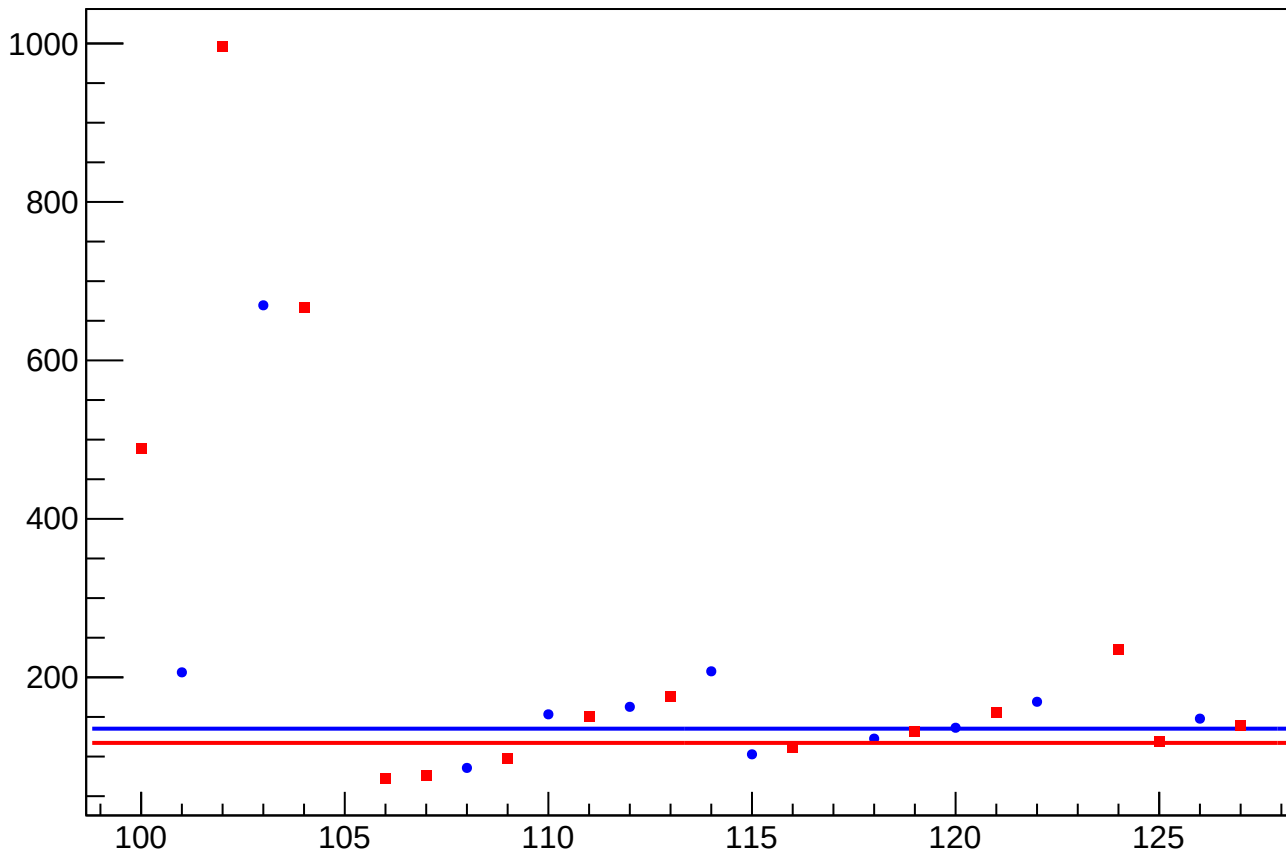
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.056 $\pm$ 0.045 χ^2 /NDF: 24.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 135.195+/-0.050 χ^2/NDF : 1293762.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 117.231+/-0.042 χ^2/NDF : 2056906.4/13

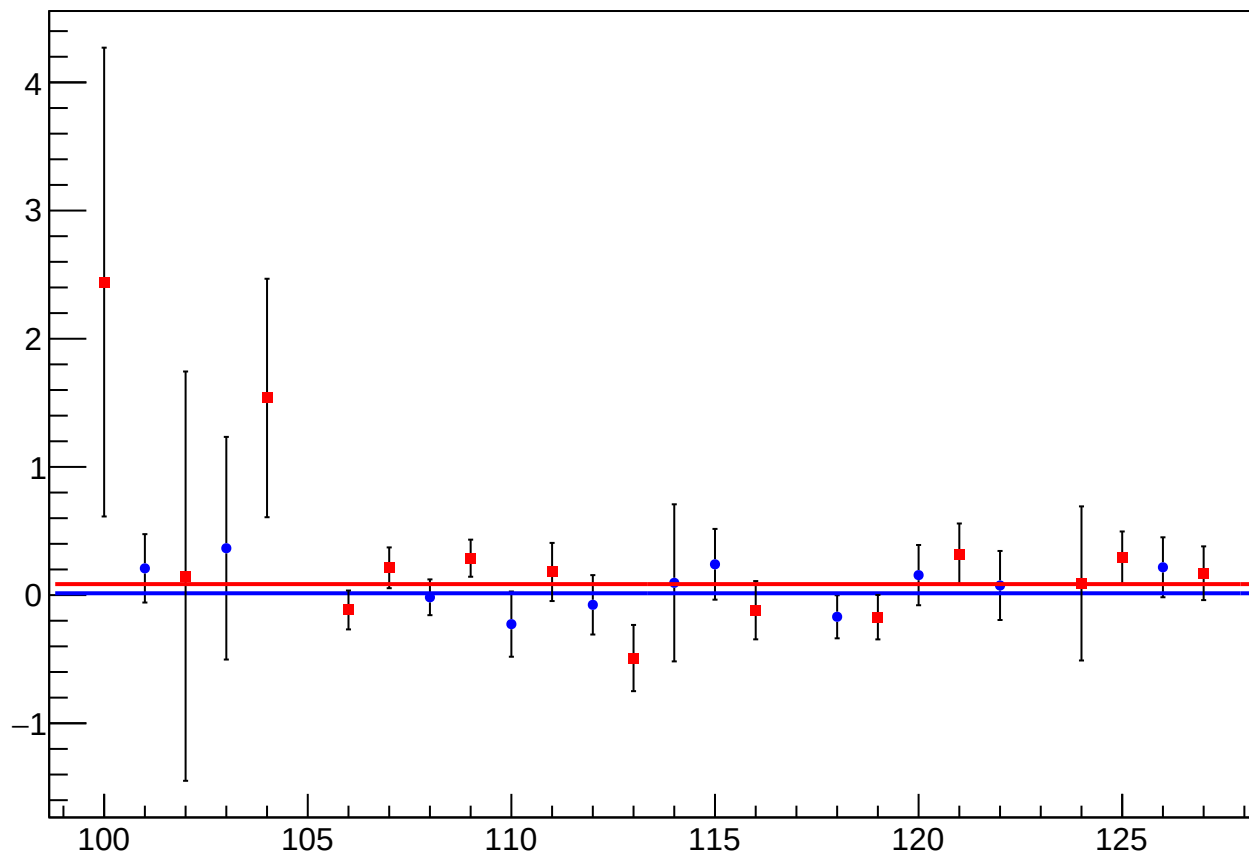
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.659+/-0.032 χ^2/NDF : 3427203.2/24

- 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: 0.014 $\pm$ 0.070 χ^2 /NDF: 4.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.086 $\pm$ 0.059 χ^2 /NDF: 18.8/13

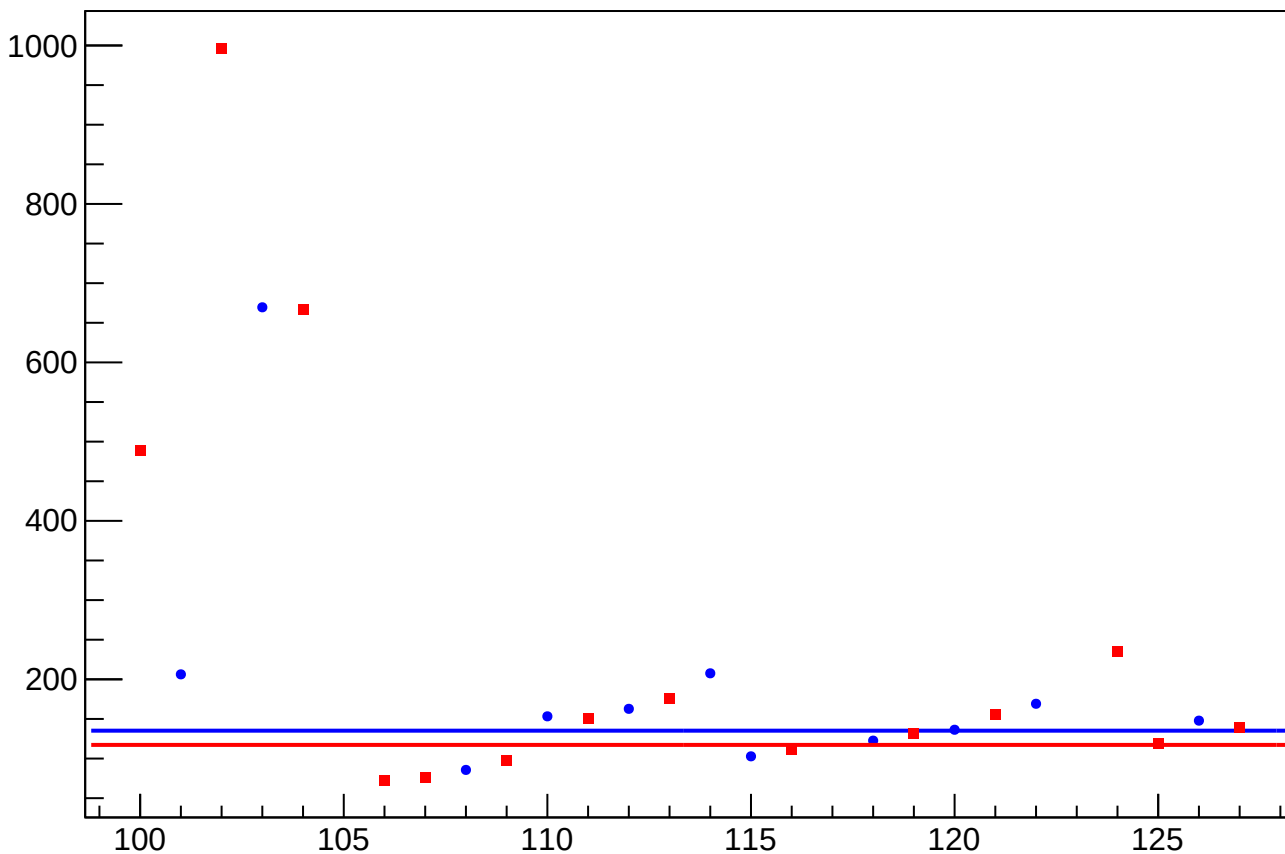
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.056 $\pm$ 0.045 χ^2 /NDF: 24.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 135.195 $\pm$ 0.050 χ^2 /NDF: 1293762.7/10

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

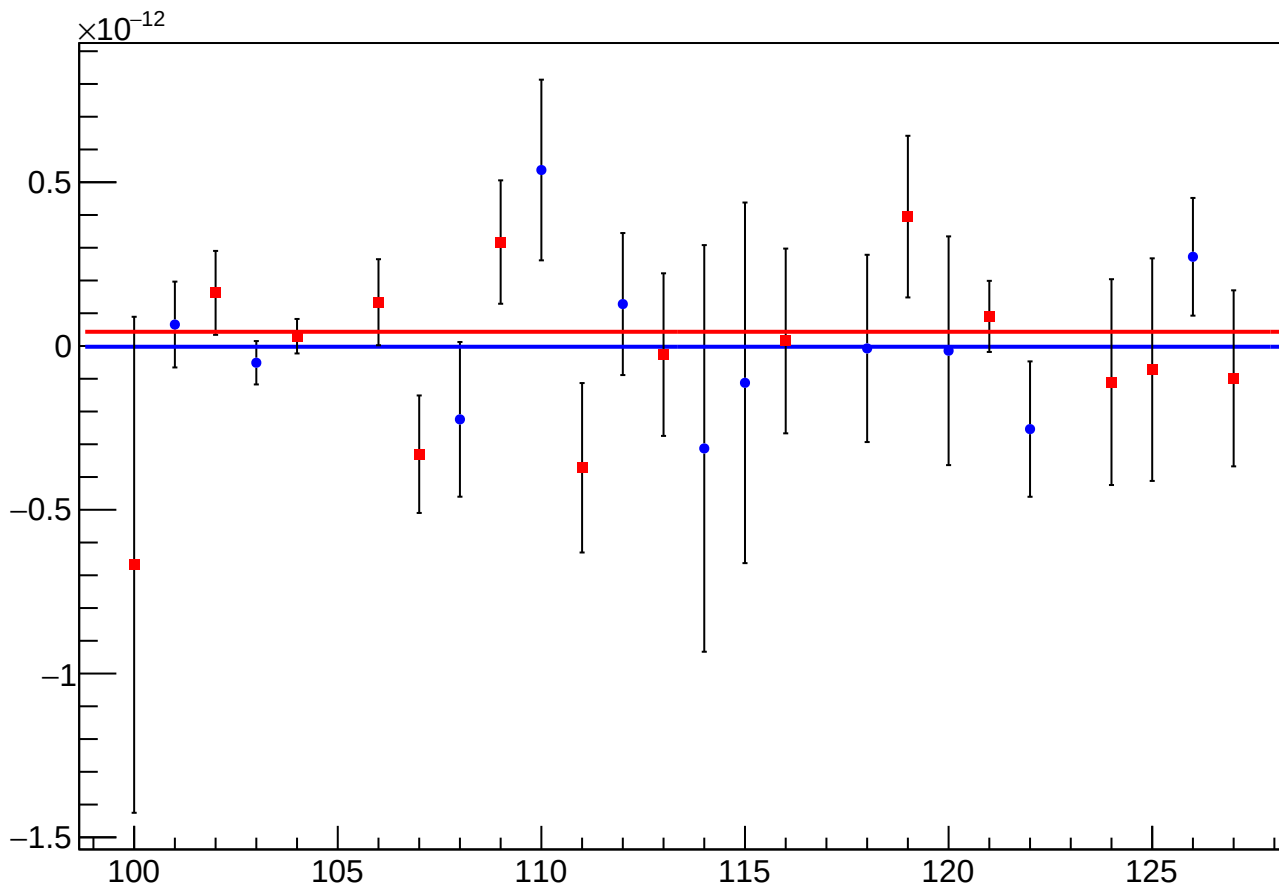
Right Out: 117.231 $\pm$ 0.042 χ^2 /NDF: 2056906.4/13

All: 124.659 $\pm$ 0.032 χ^2 /NDF: 3427203.2/24

- 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_usr_atr2_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 10.0/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 14.3/13

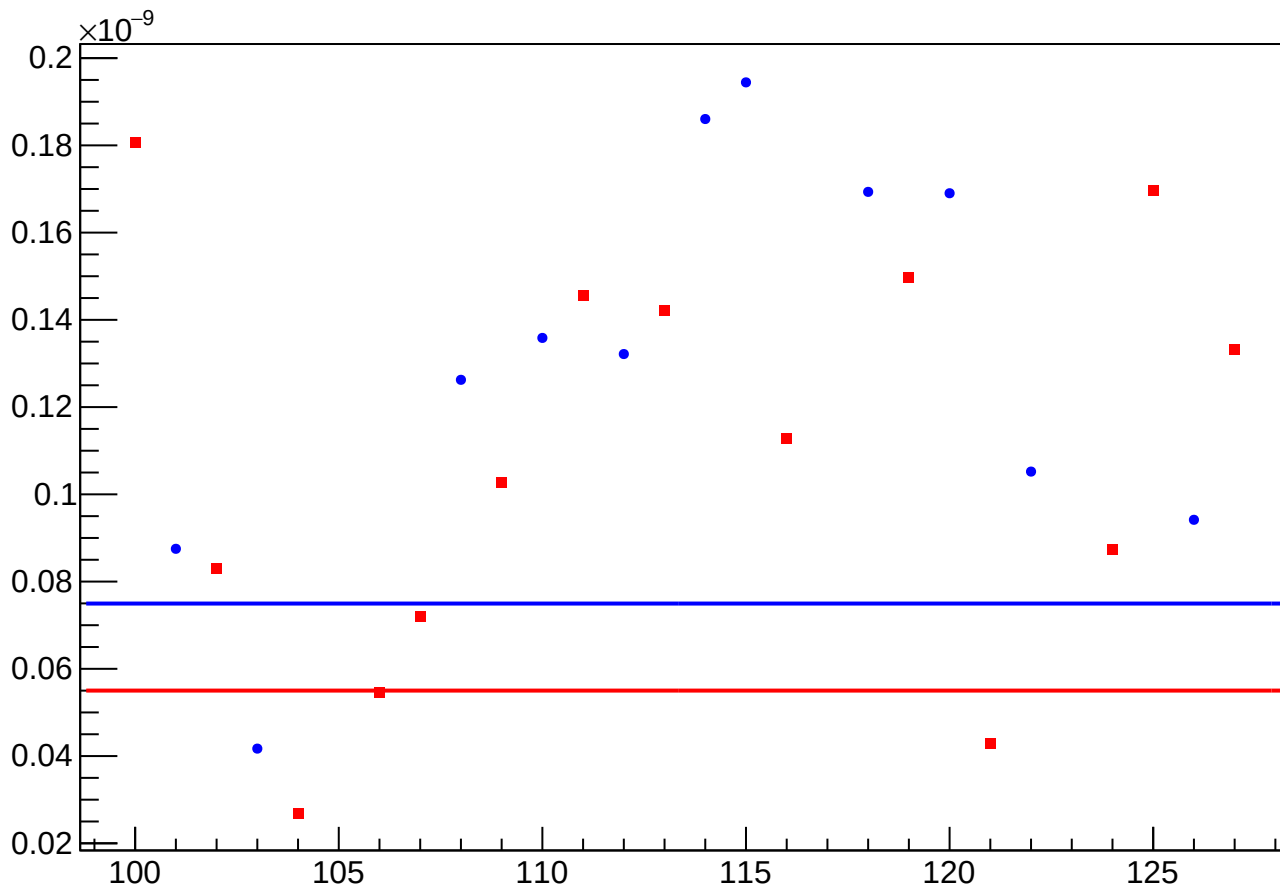
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 24.8/24

- 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 : 1440630.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2184117.1/13

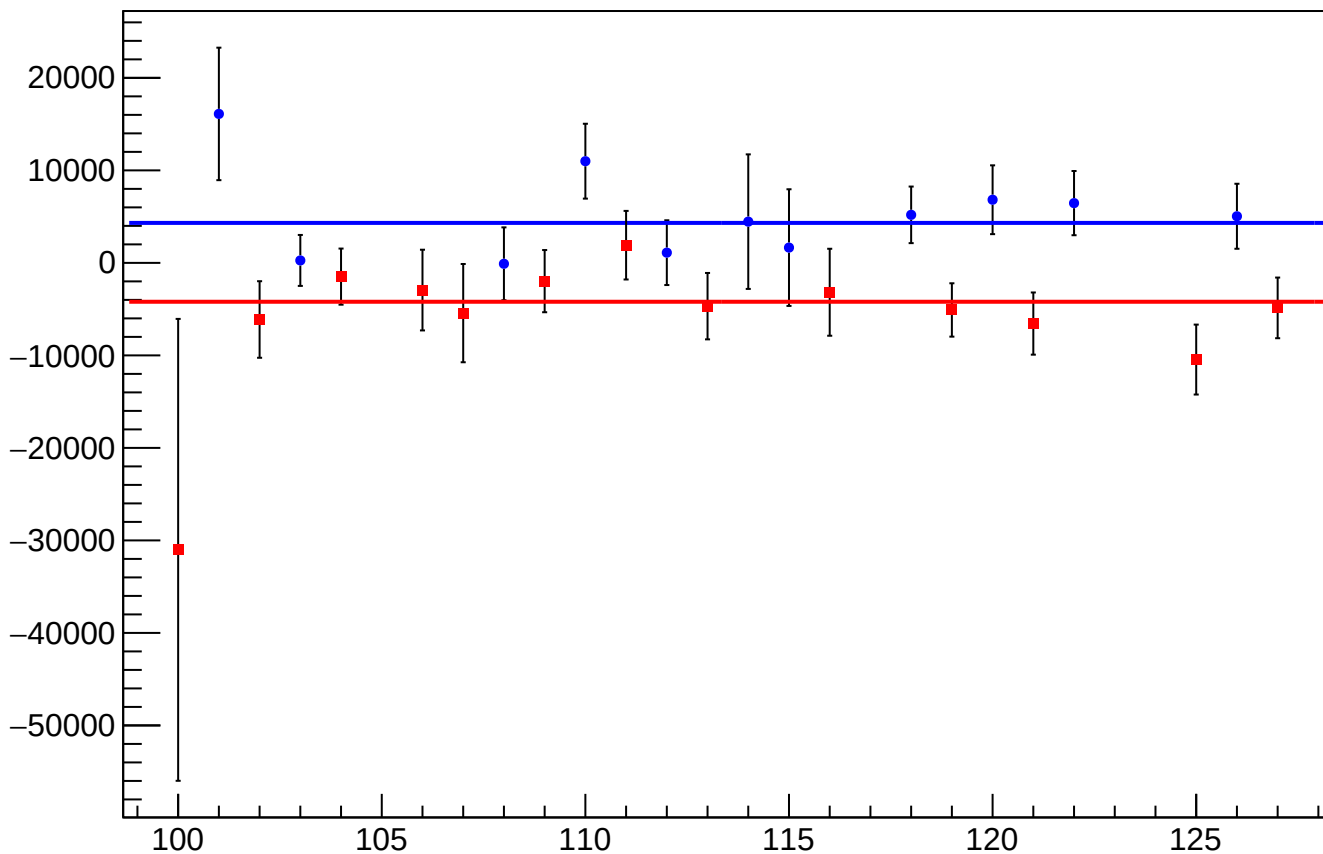
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3835525.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 4321.730+/-1157.889 χ^2/NDF : 10.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4201.516+/-1046.761 χ^2/NDF : 8.9/12

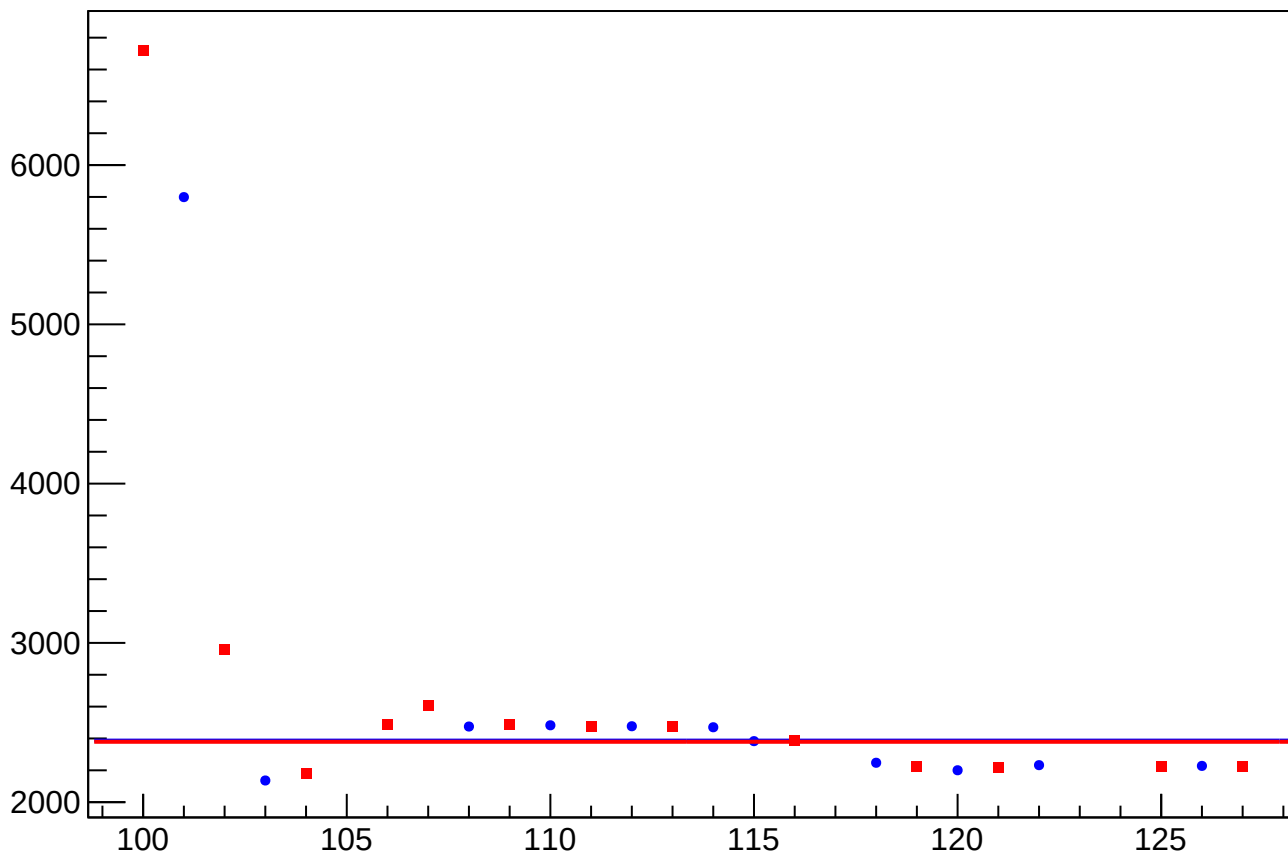
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -368.429+/-776.495 χ^2/NDF : 49.5/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2386.522+/-0.819 χ^2/NDF : 491585.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2379.178+/-0.740 χ^2/NDF : 136477.2/12

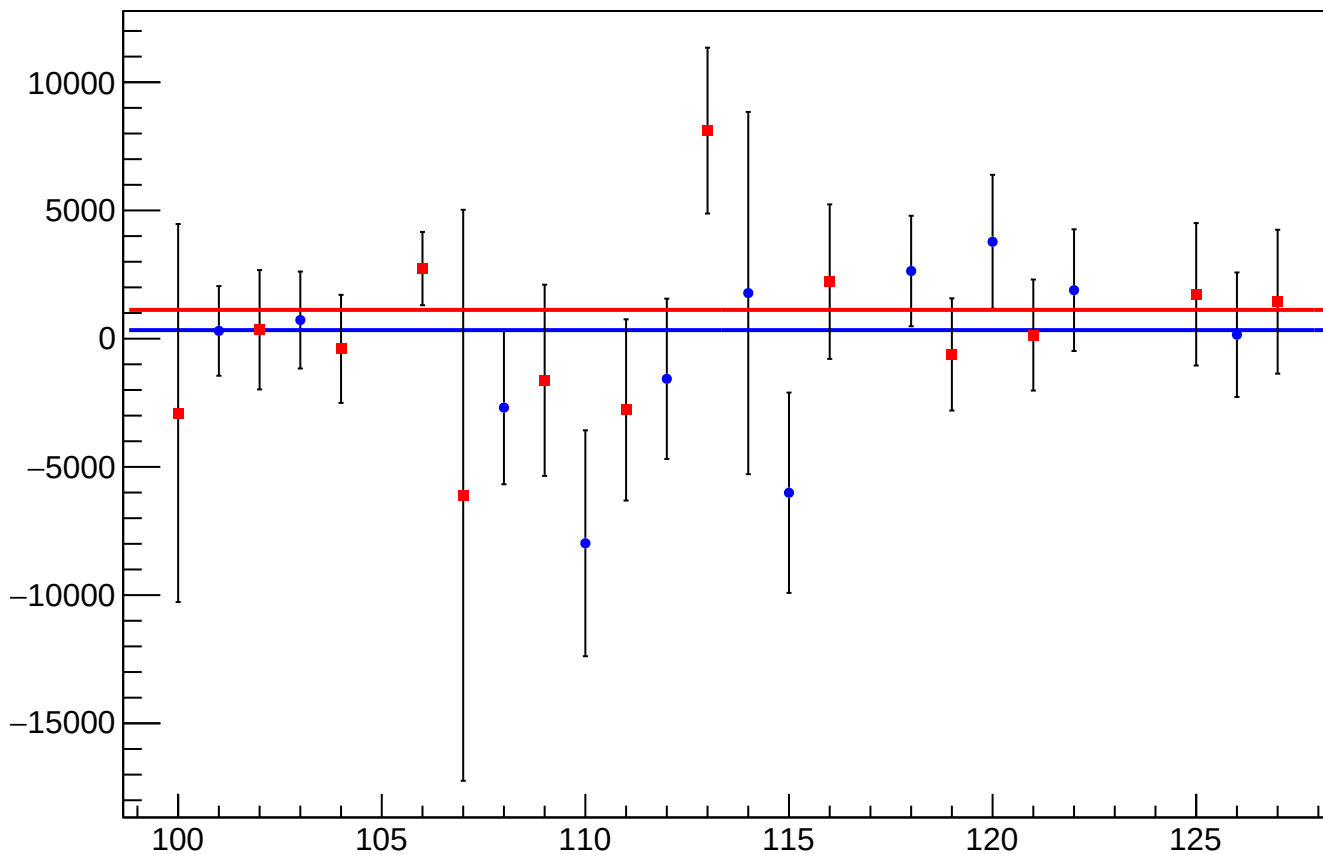
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2382.481+/-0.549 χ^2/NDF : 628107.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_reg_correction_mean vs Slug



Right In: 333.866+/-774.229 χ^2/NDF : 11.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1121.779+/-713.812 χ^2/NDF : 10.1/12

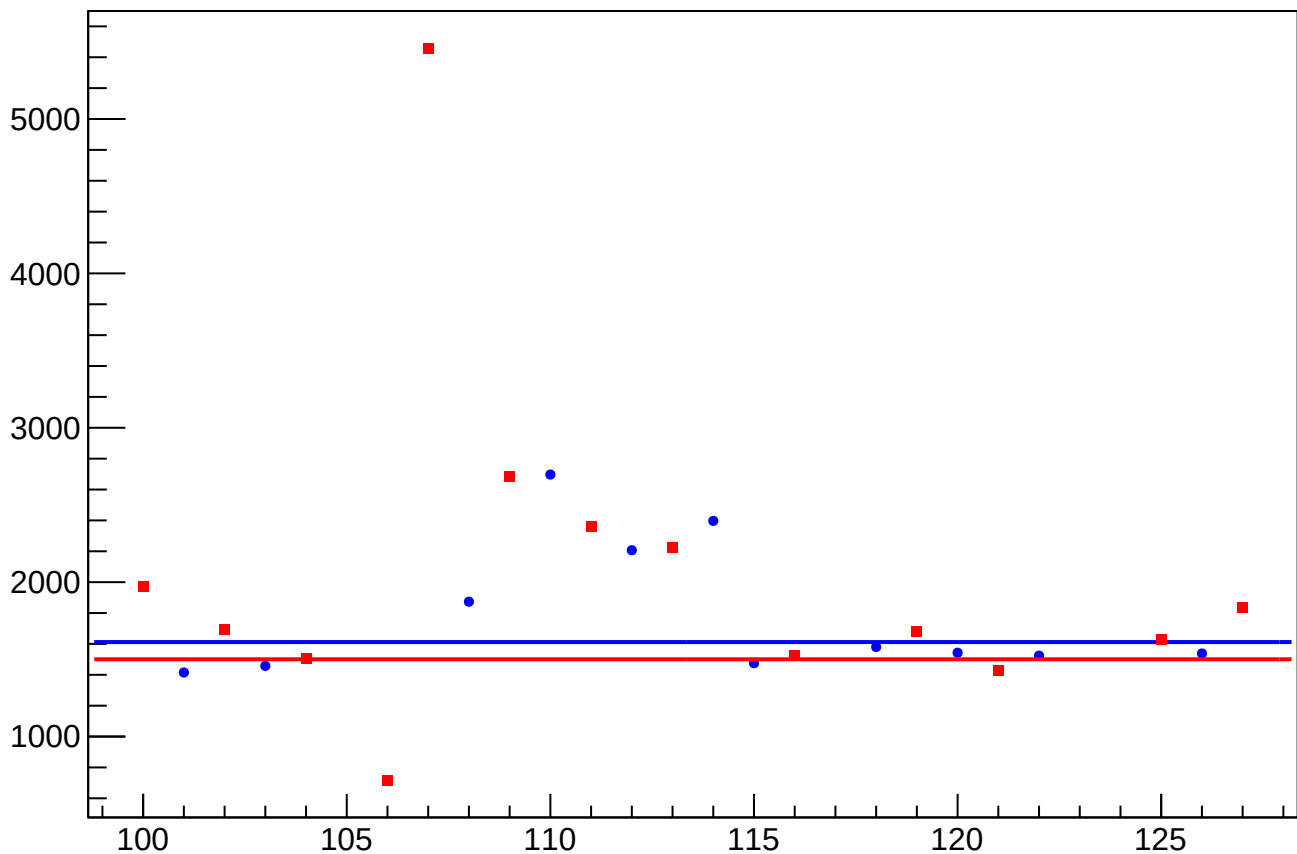
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 759.760+/-524.802 χ^2/NDF : 21.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_reg_correction_rms vs Slug



Right In: 1612.029+/-0.547 χ^2/NDF : 281432.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

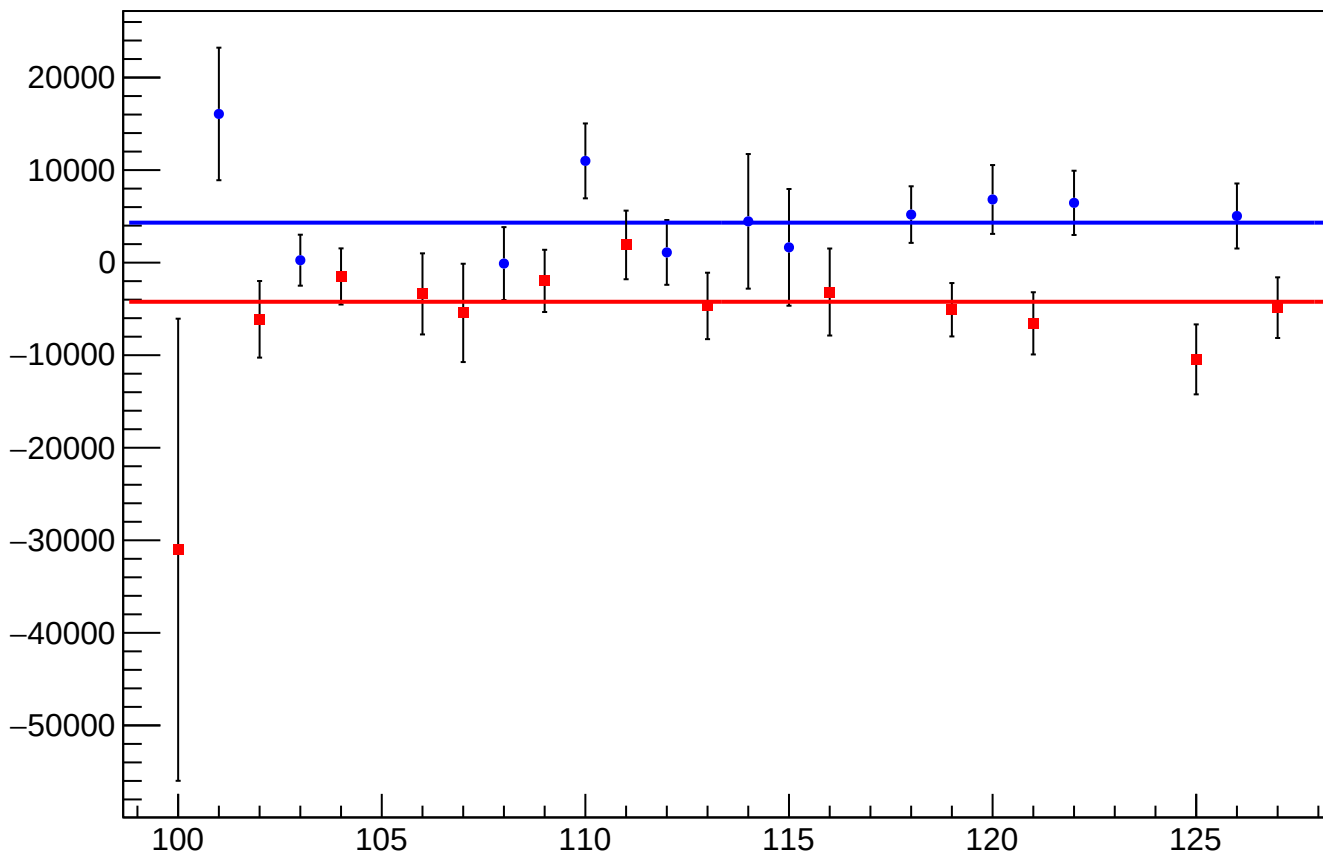
Right Out: 1500.601+/-0.505 χ^2/NDF : 1349641.5/12

All: 1551.798+/-0.371 χ^2/NDF : 1653466.1/23

- 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_at1lr_avg_avg_mean vs Slug



Right In: 4320.766+/-1157.889 χ^2 /NDF: 10.8/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -4227.906+/-1047.022 χ^2 /NDF: 8.8/12

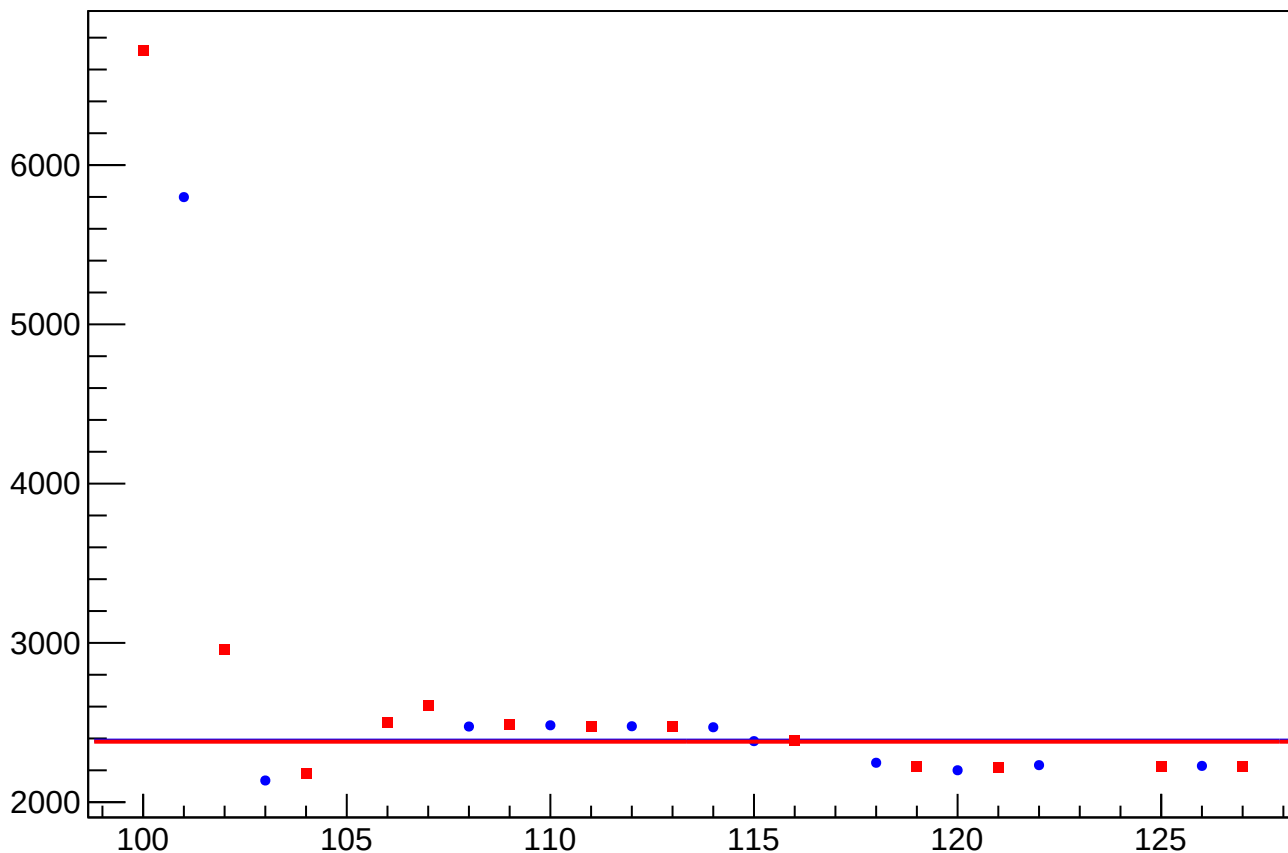
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -382.331+/-776.602 χ^2 /NDF: 49.7/23

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2386.522+/-0.819 χ^2/NDF : 491586.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

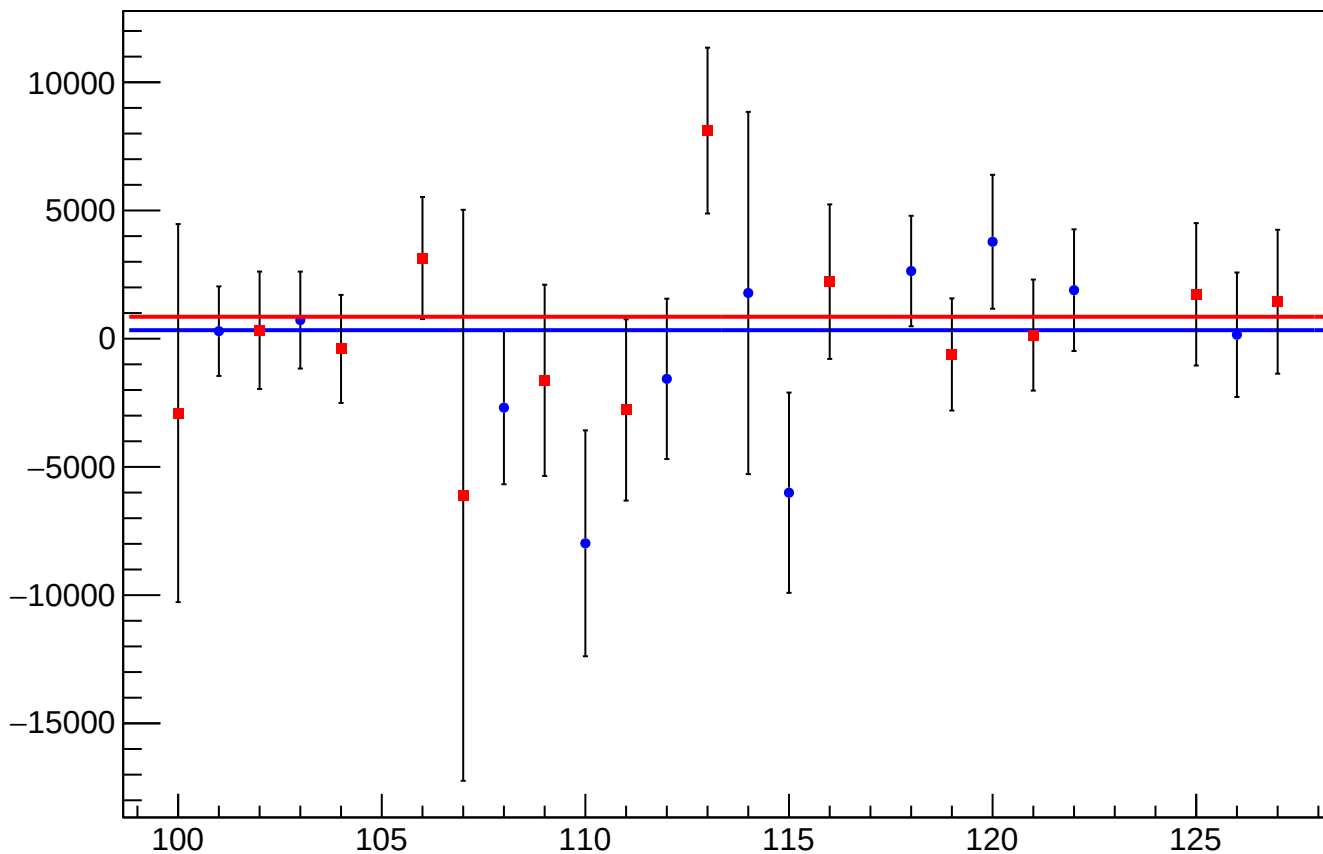
Right Out: 2379.736+/-0.740 χ^2/NDF : 136725.5/12

All: 2382.789+/-0.549 χ^2/NDF : 628349.8/23

- 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_cor_correction_mean vs Slug



Right In: 332.100+/-774.019 χ^2/NDF : 11.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 855.526+/-777.124 χ^2/NDF : 9.4/12

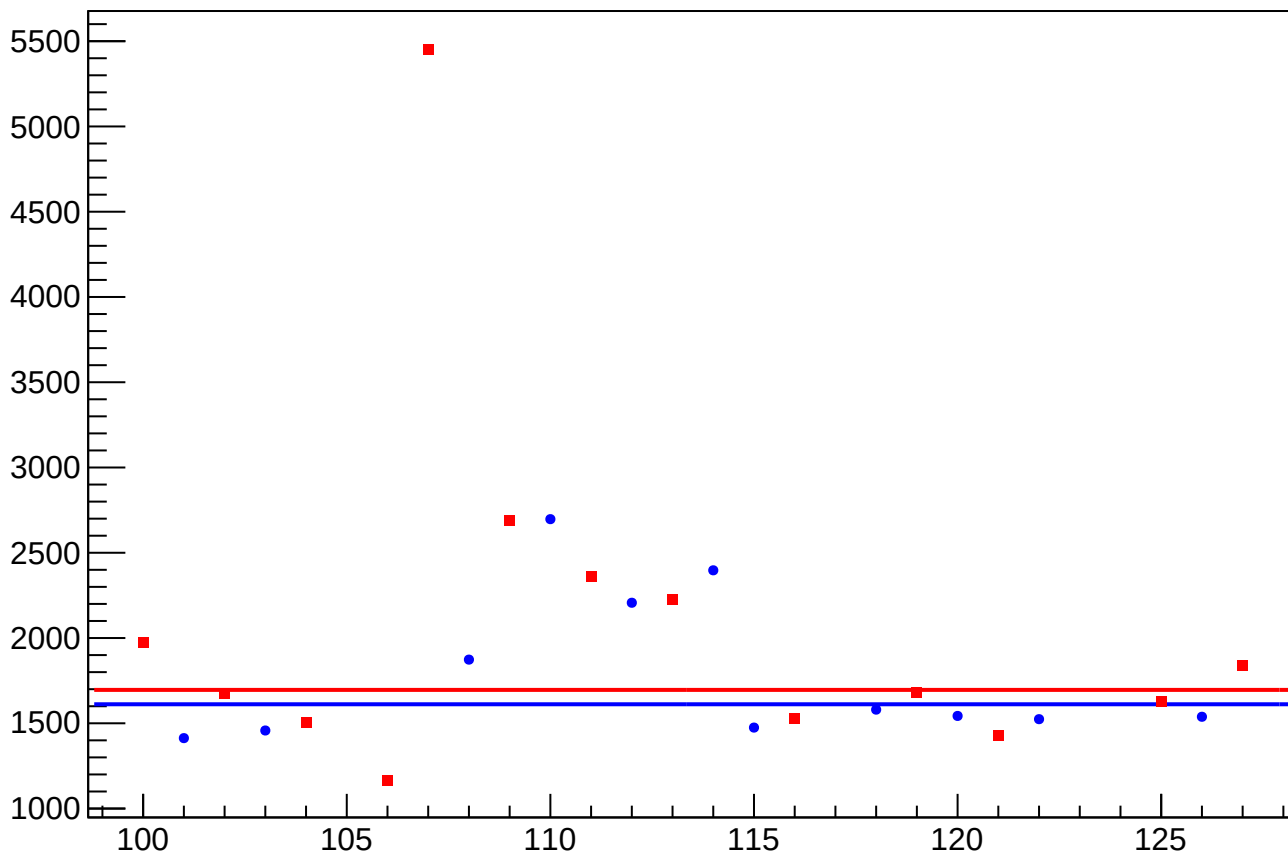
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 592.765+/-548.409 χ^2/NDF : 20.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_cor_correction_rms vs Slug



Right In: 1611.553+/-0.547 χ^2/NDF : 281998.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1695.823+/-0.550 χ^2/NDF : 656392.4/12

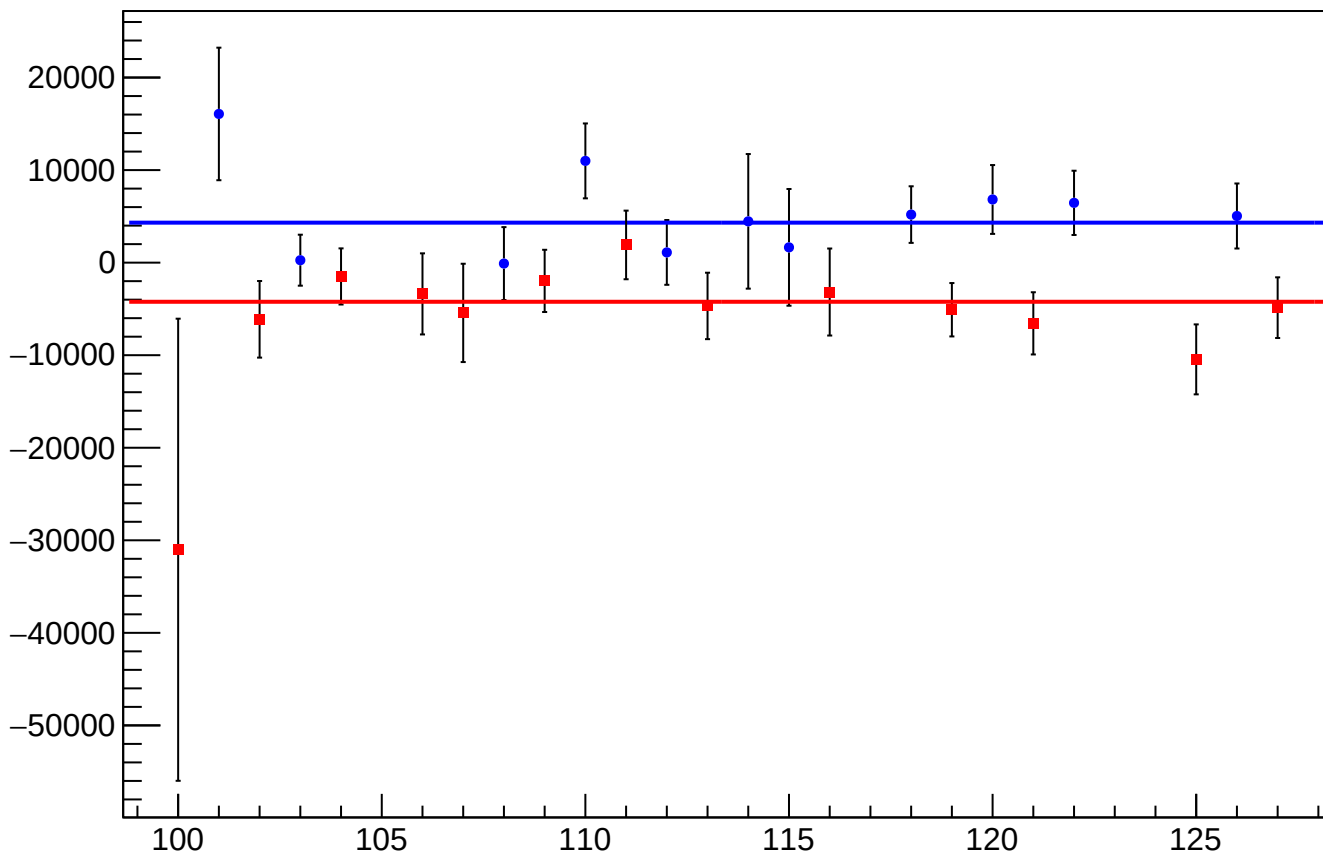
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1653.520+/-0.388 χ^2/NDF : 950196.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 4320.766+/-1157.889 χ^2/NDF : 10.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4227.906+/-1047.022 χ^2/NDF : 8.8/12

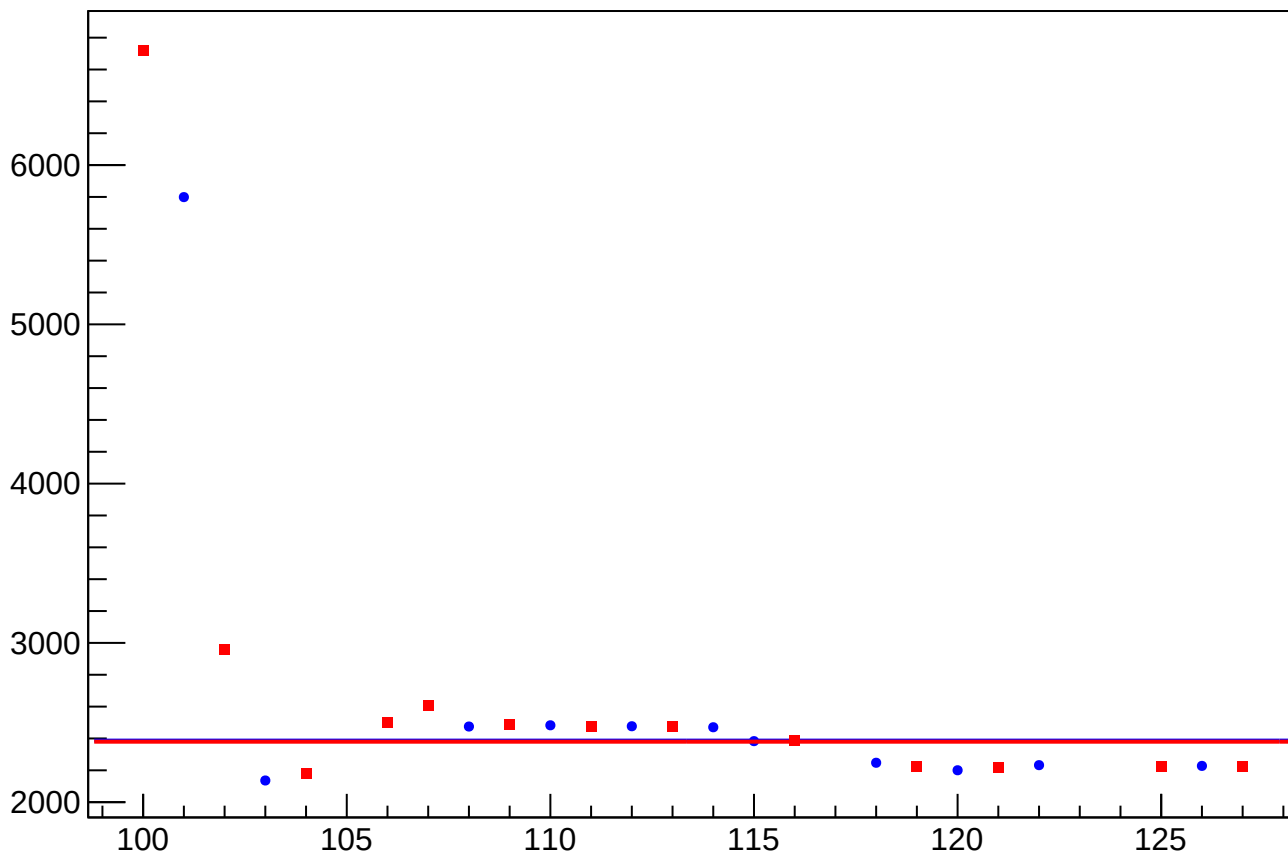
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -382.331+/-776.602 χ^2/NDF : 49.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2386.522+/-0.819 χ^2/NDF : 491586.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

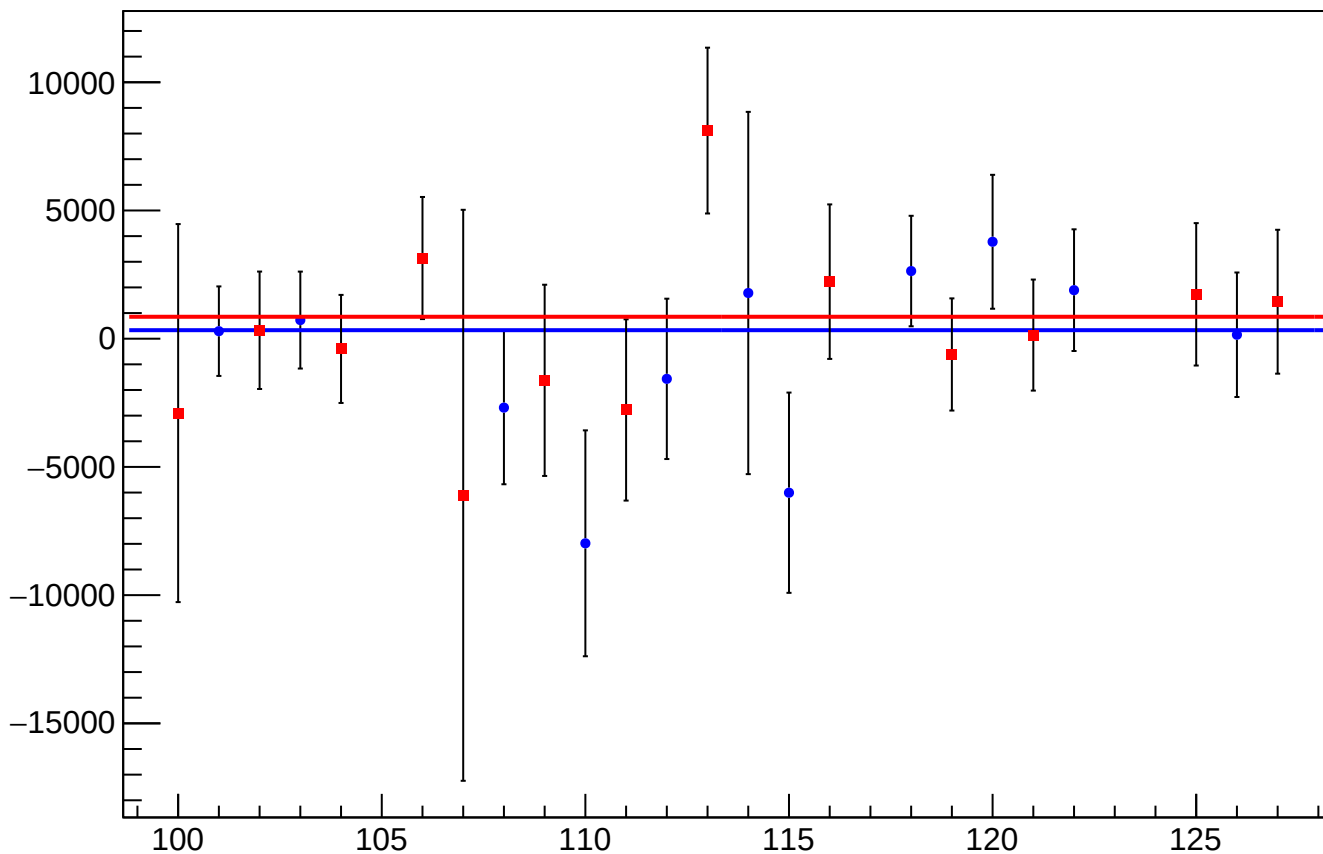
Right Out: 2379.736+/-0.740 χ^2/NDF : 136725.5/12

All: 2382.789+/-0.549 χ^2/NDF : 628349.8/23

- 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_eigen_cor_correction_mean vs Slug



Right In: 332.100+/-774.019 χ^2/NDF : 11.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 855.526+/-777.124 χ^2/NDF : 9.4/12

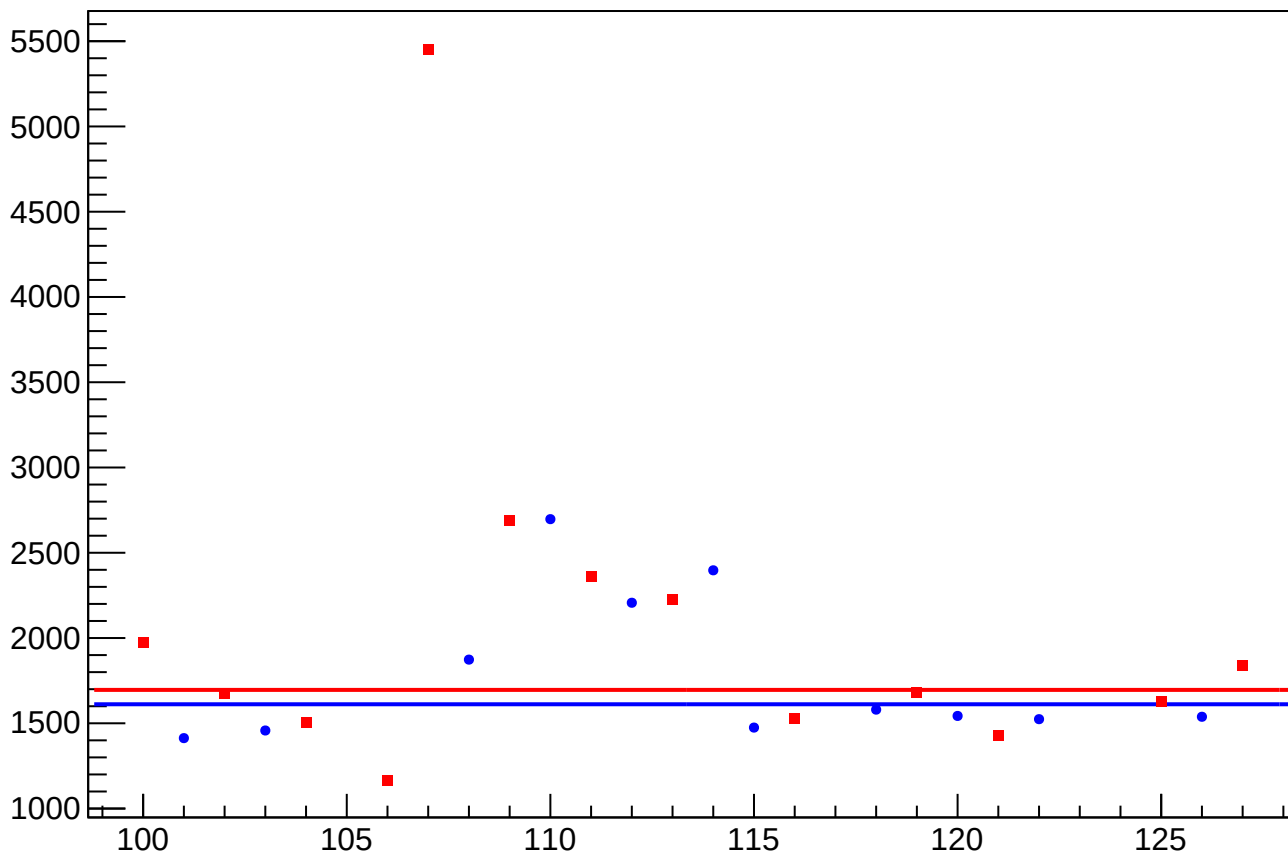
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 592.765+/-548.409 χ^2/NDF : 20.7/23

- 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: 1611.553+/-0.547 χ^2/NDF : 281998.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1695.823+/-0.550 χ^2/NDF : 656392.4/12

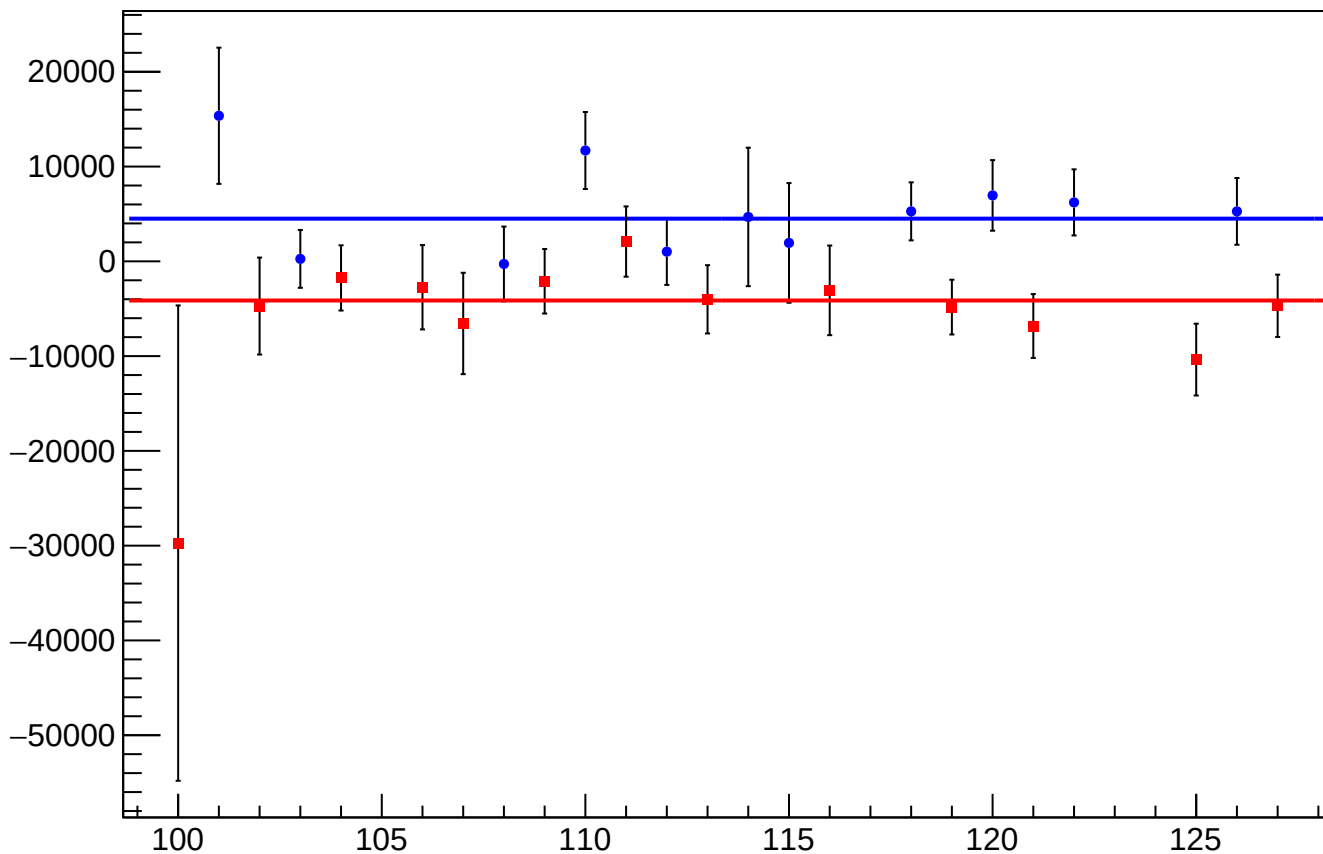
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1653.520+/-0.388 χ^2/NDF : 950196.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 4503.055+/-1179.740 χ^2/NDF : 10.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4131.919+/-1078.077 χ^2/NDF : 8.5/12

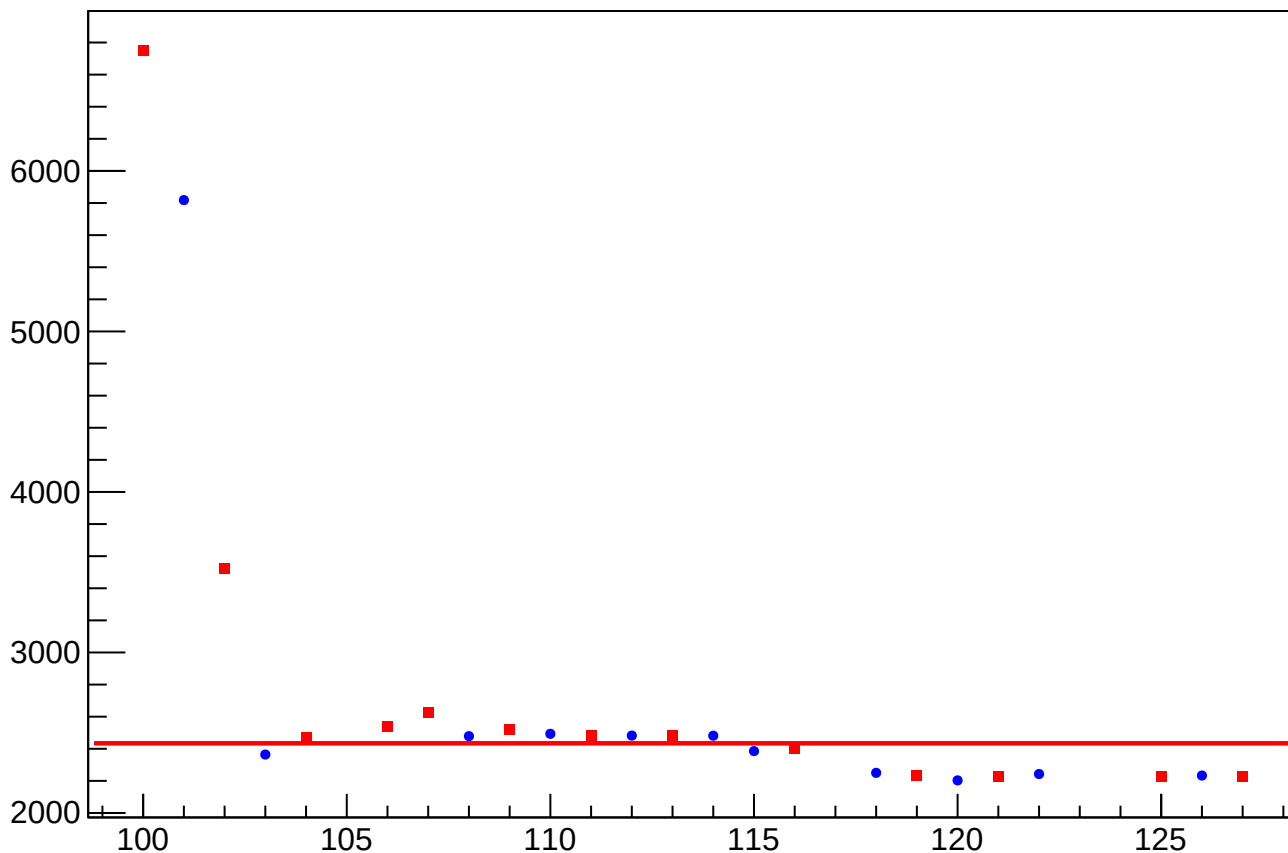
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -202.452+/-795.834 χ^2/NDF : 48.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2433.884 $\pm$ 0.834 χ^2 /NDF: 473398.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2434.537 $\pm$ 0.762 χ^2 /NDF: 187038.5/12

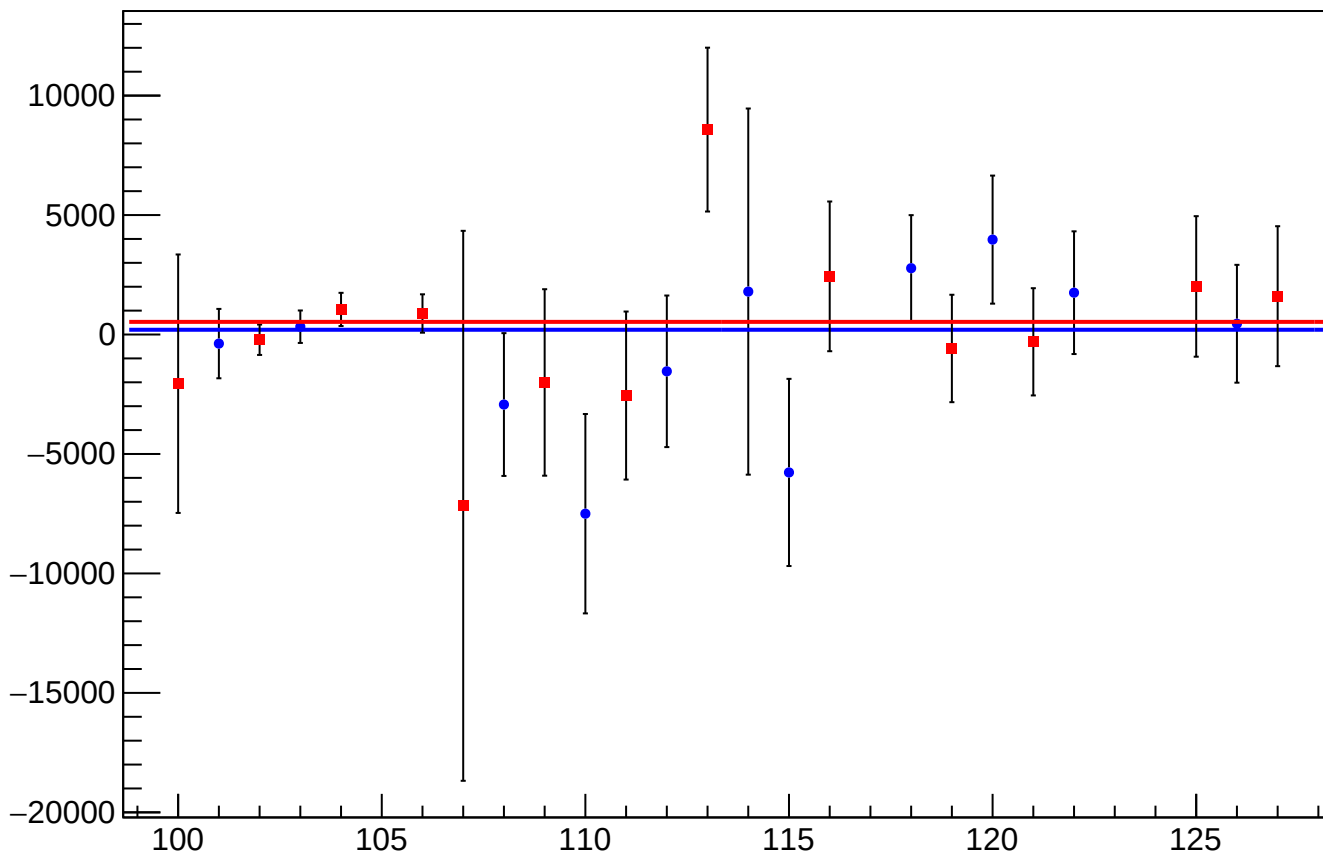
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2434.240 $\pm$ 0.563 χ^2 /NDF: 660437.4/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_dit_correction_mean vs Slug



Right In: 198.894+/-523.415 χ^2/NDF : 11.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 529.201+/-375.408 χ^2/NDF : 10.7/12

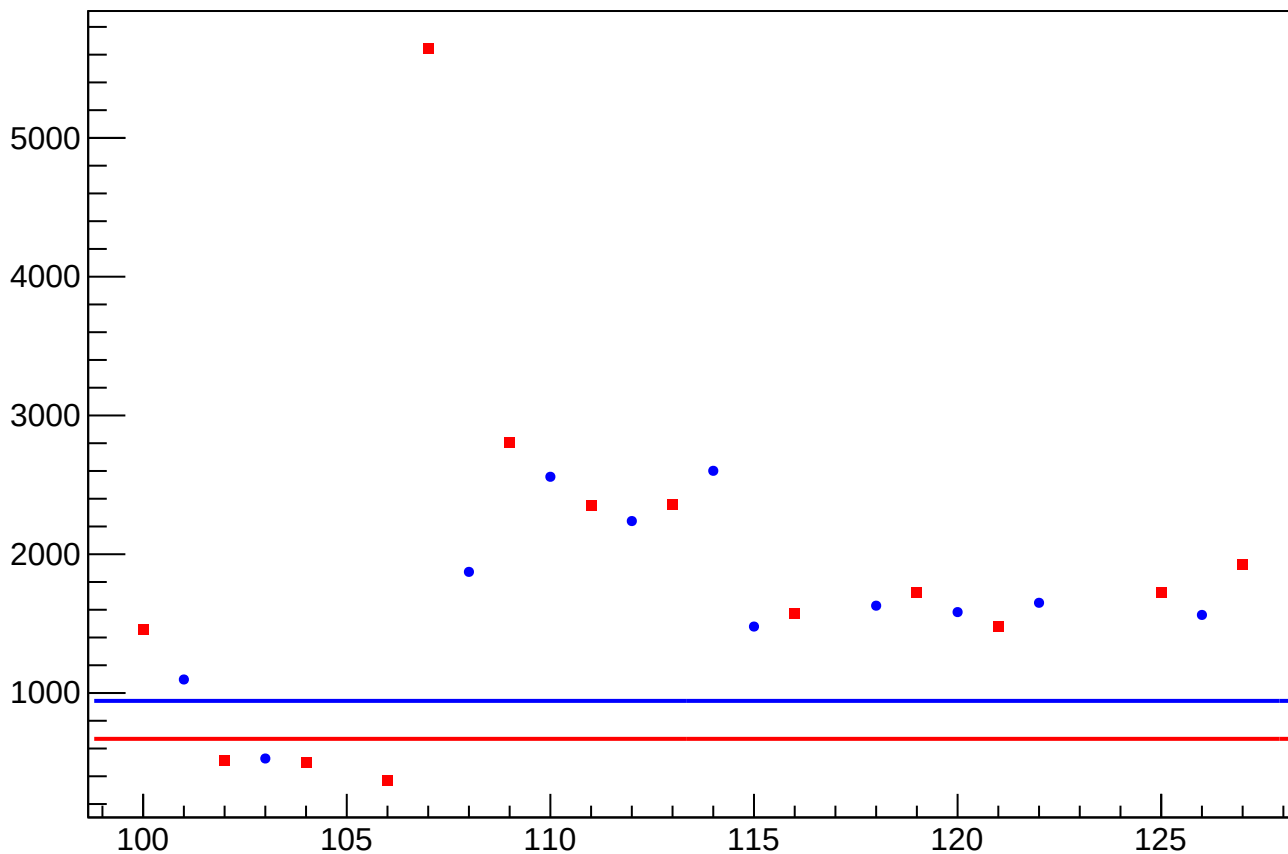
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 417.002+/-305.057 χ^2/NDF : 22.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_dit_correction_rms vs Slug



Right In: 943.259+/-0.370 χ^2/NDF : 2310016.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

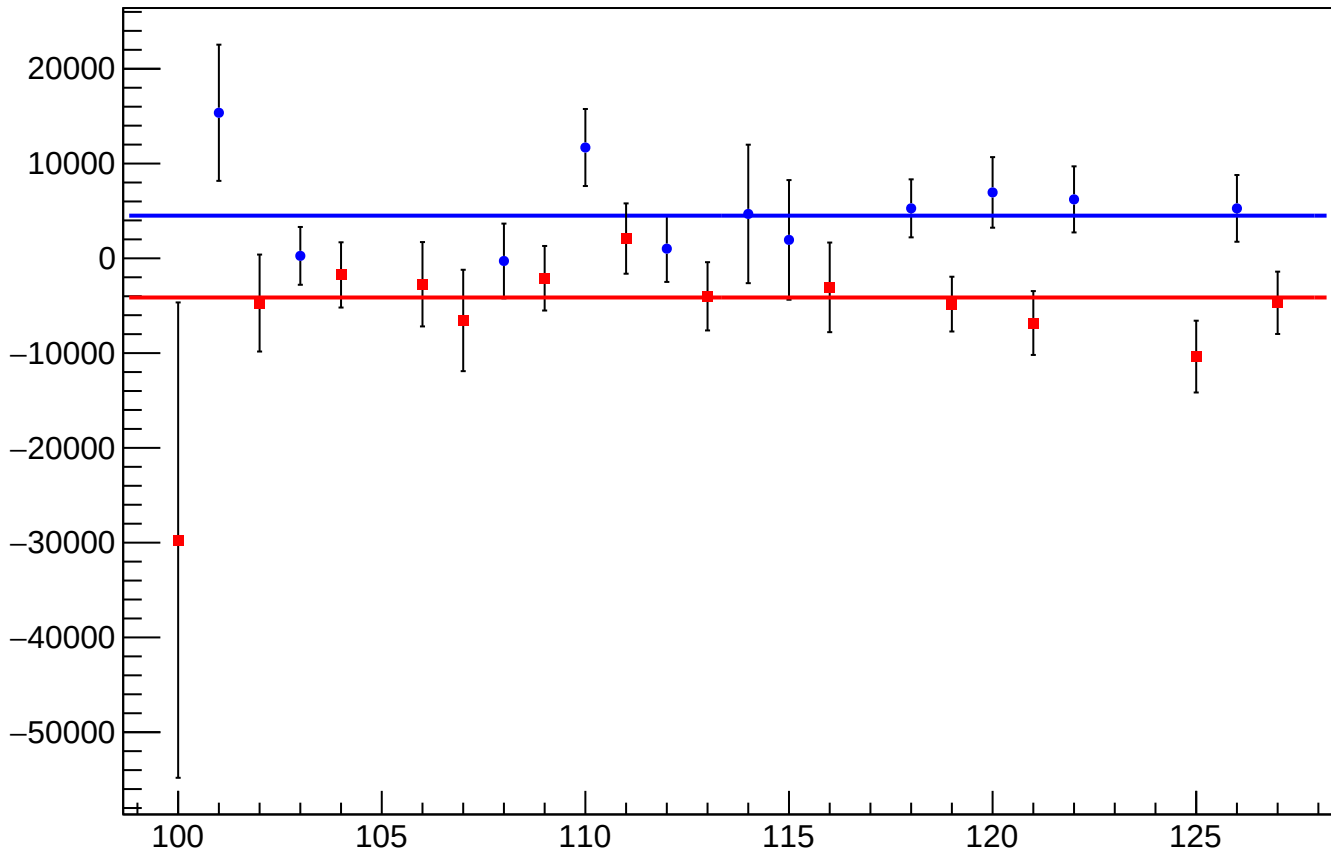
Right Out: 669.696+/-0.265 χ^2/NDF : 3972432.0/12

All: 762.620+/-0.216 χ^2/NDF : 6643199.1/23

- 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_at1lr_avg_avg_mean vs Slug



Right In: 4503.05+/-1179.739 χ^2/NDF : 10.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4131.92+/-1078.077 χ^2/NDF : 8.5/12

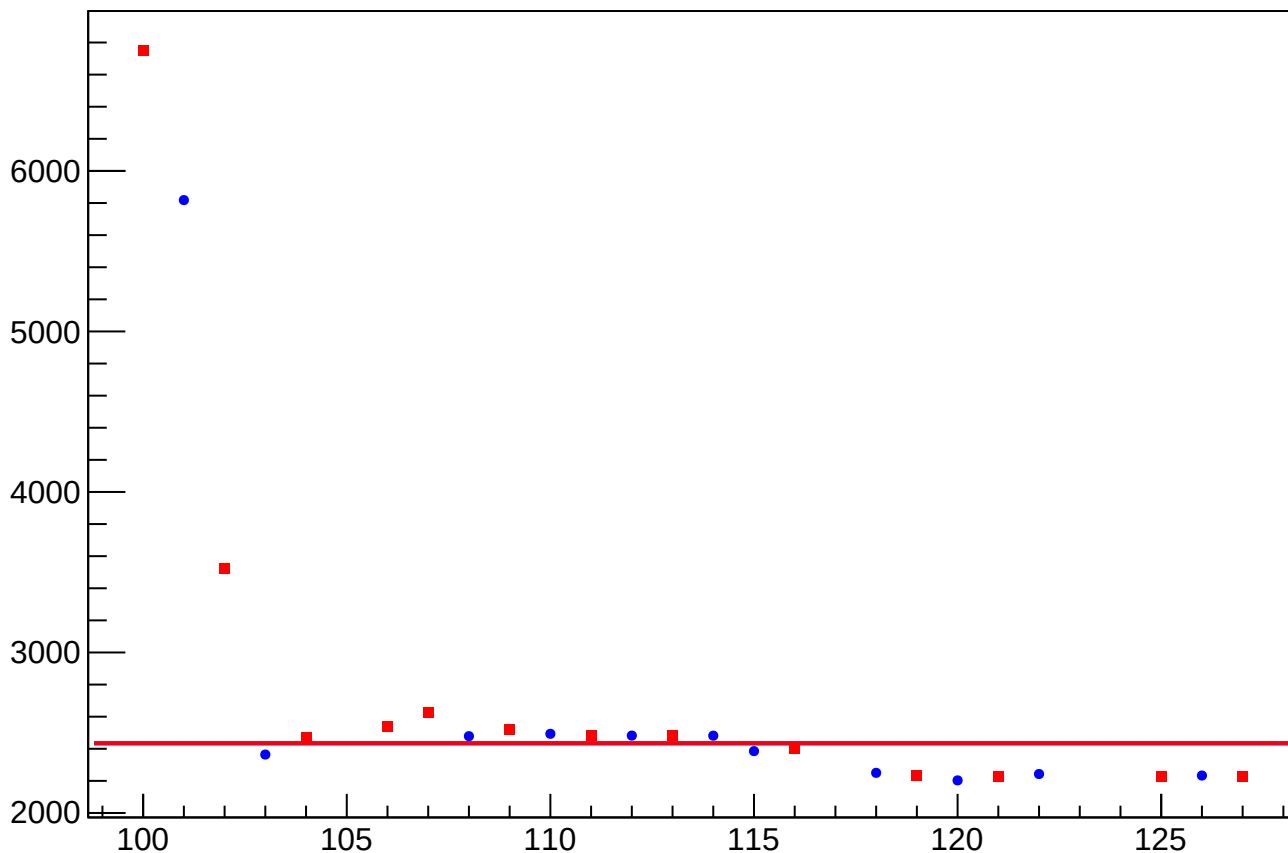
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -202.453+/-795.834 χ^2/NDF : 48.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2433.883+/-0.834 χ^2/NDF : 473398.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2434.537+/-0.762 χ^2/NDF : 187037.6/12

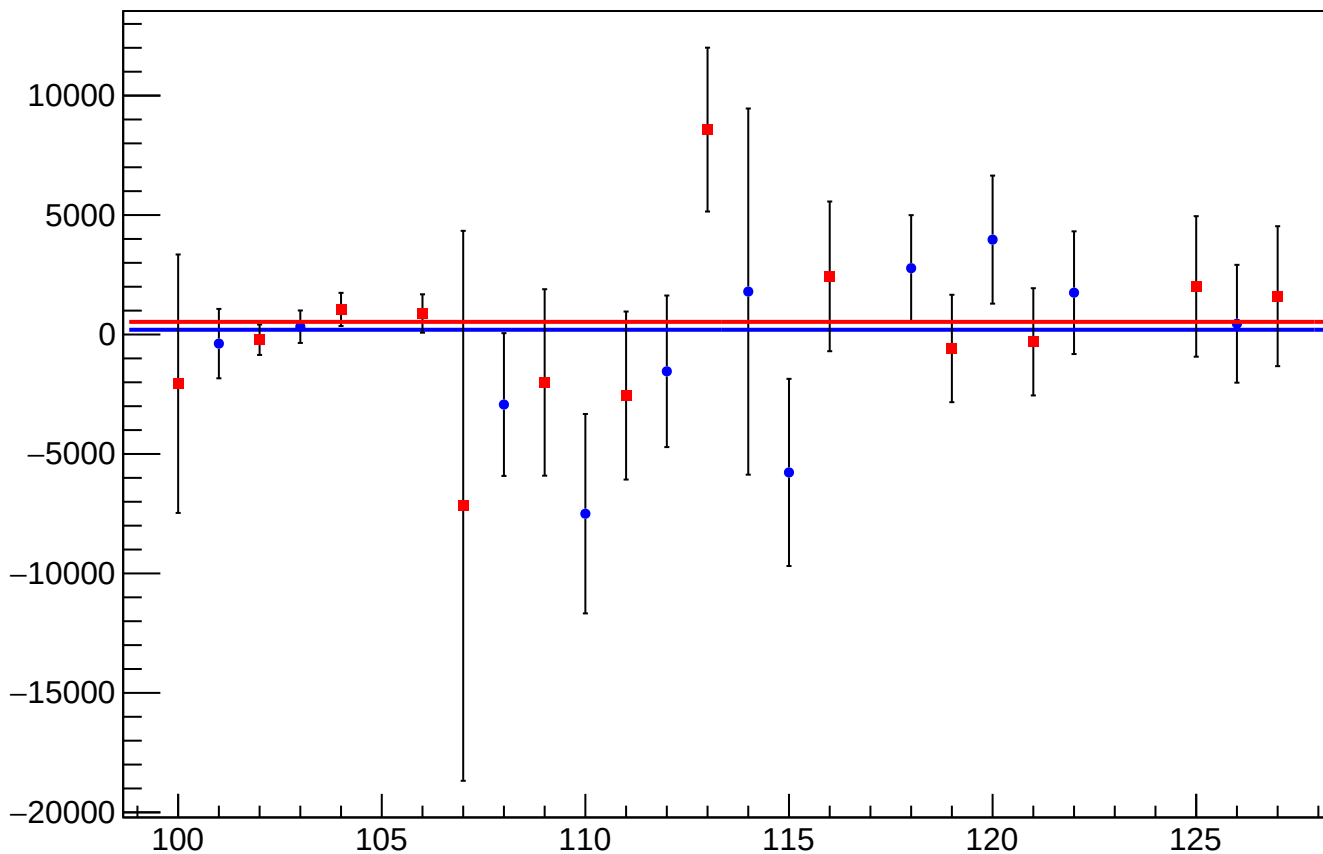
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2434.239+/-0.563 χ^2/NDF : 660436.7/23

- 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: 198.889+/-523.418 χ^2/NDF : 11.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 529.207+/-375.413 χ^2/NDF : 10.7/12

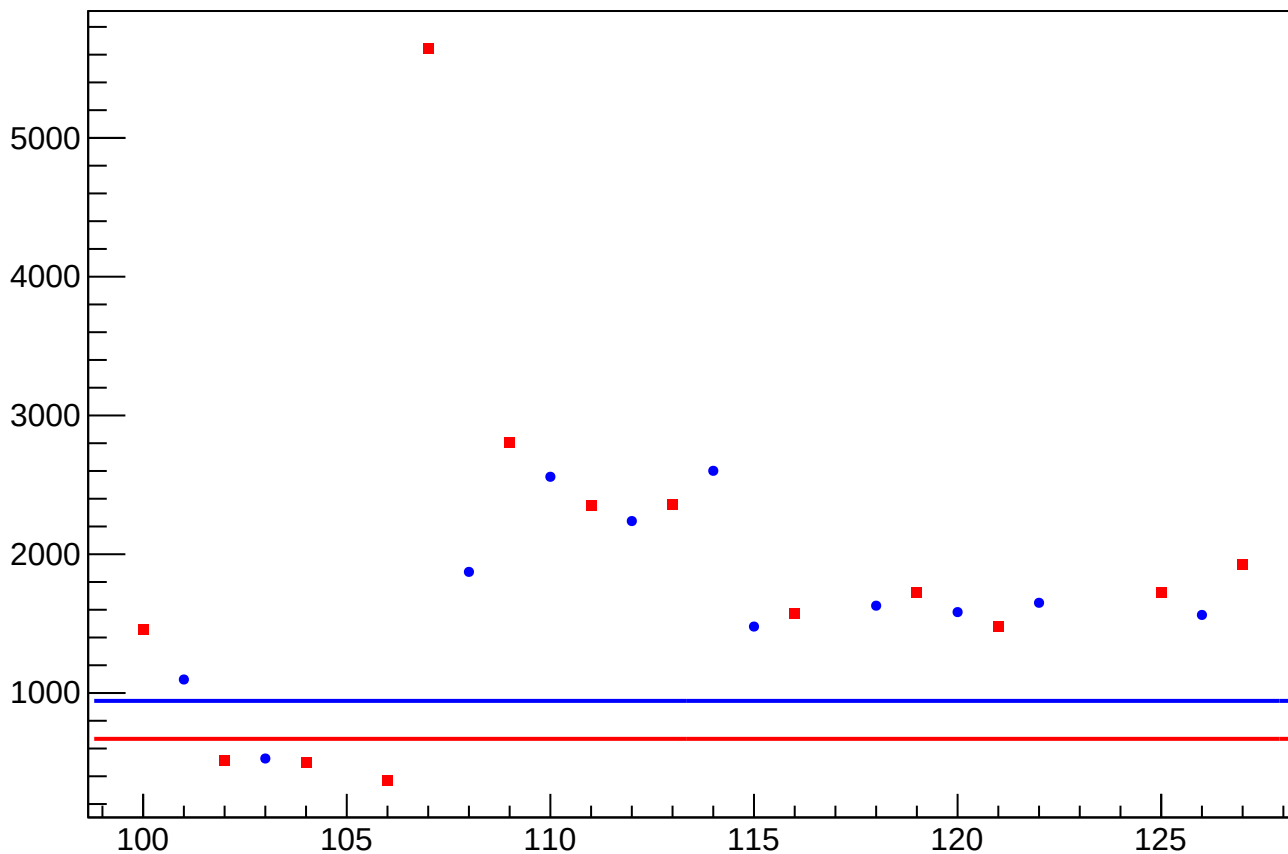
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 417.003+/-305.060 χ^2/NDF : 22.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_rms vs Slug



Right In: 943.269+/-0.370 χ^2/NDF : 2309969.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 669.710+/-0.265 χ^2/NDF : 3972354.3/12

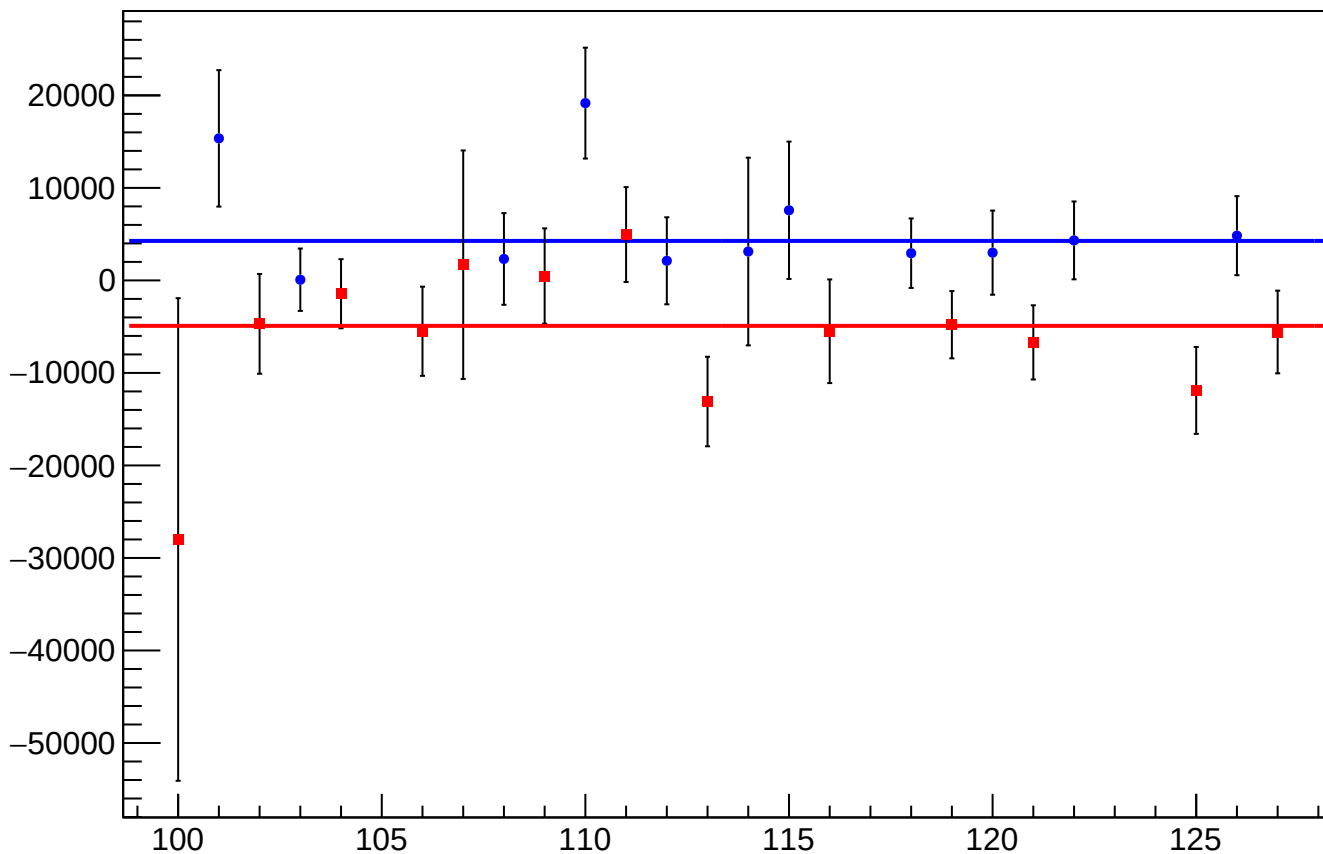
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 762.633+/-0.216 χ^2/NDF : 6643057.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 4269.470 $\pm$ 1445.648 χ^2 /NDF: 10.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -4911.454 $\pm$ 1359.816 χ^2 /NDF: 12.1/12

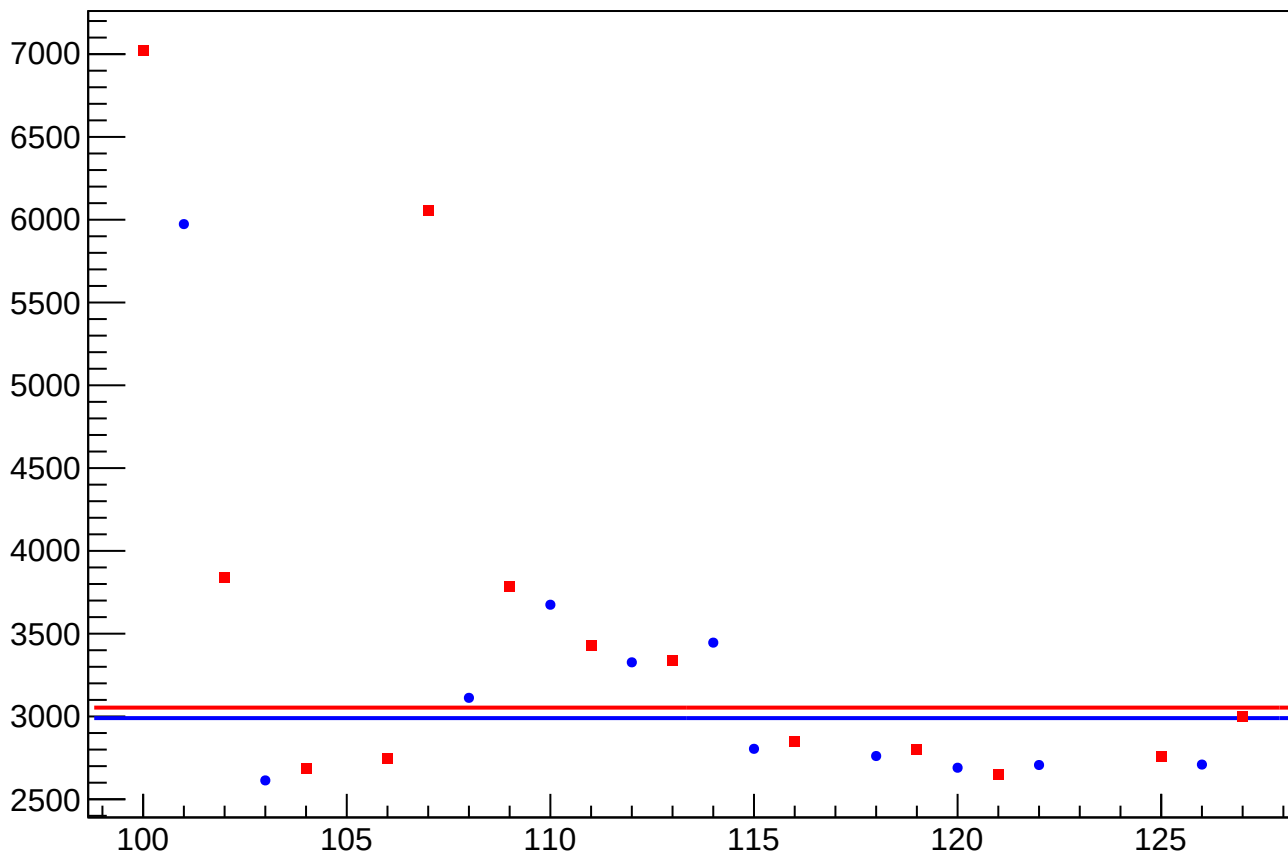
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -601.614 $\pm$ 990.489 χ^2 /NDF: 44.2/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2990.083+/-1.022 χ^2/NDF : 428807.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3053.465+/-0.962 χ^2/NDF : 332468.0/12

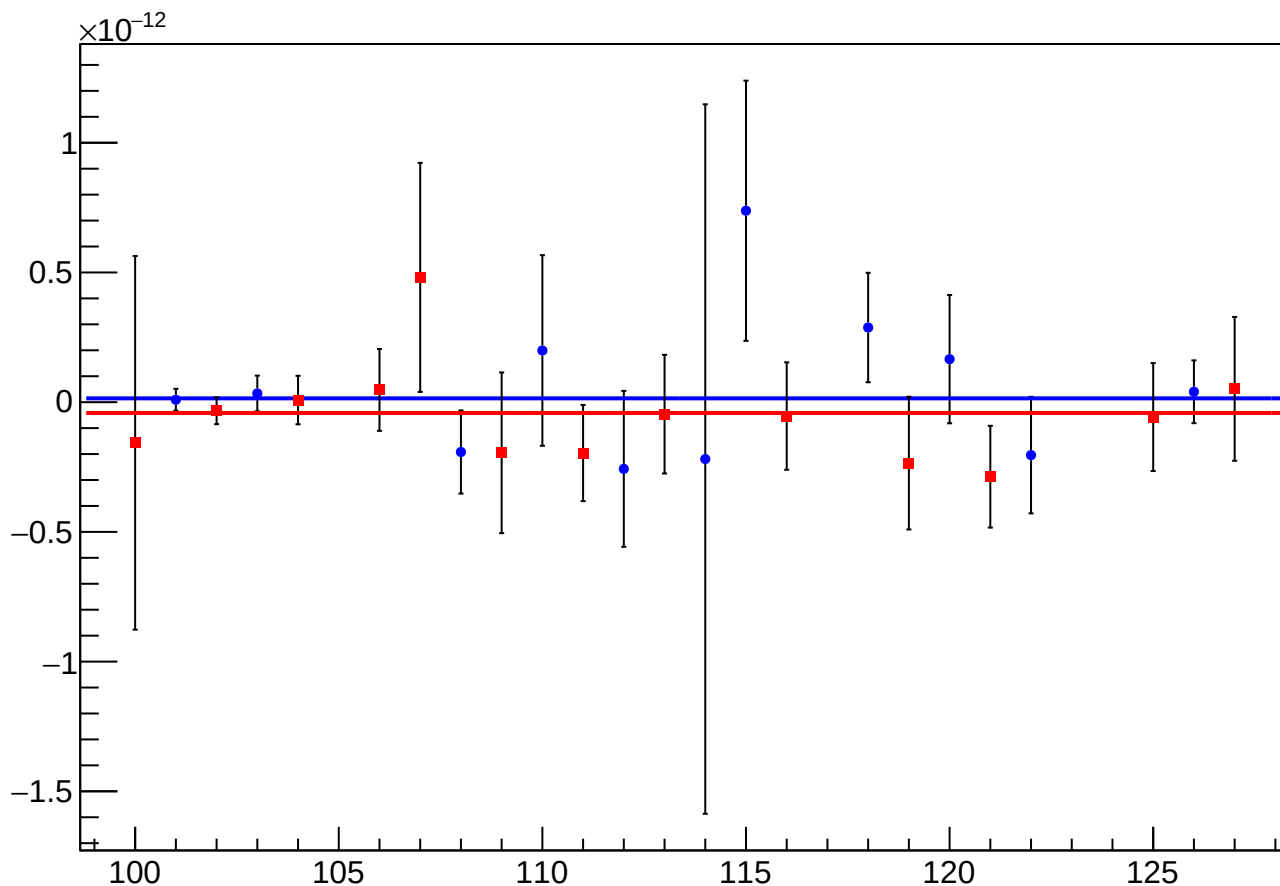
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3023.712+/-0.700 χ^2/NDF : 763315.2/23

- sign 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 $\pm$ 0.000 χ^2 /NDF: 8.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.3/12

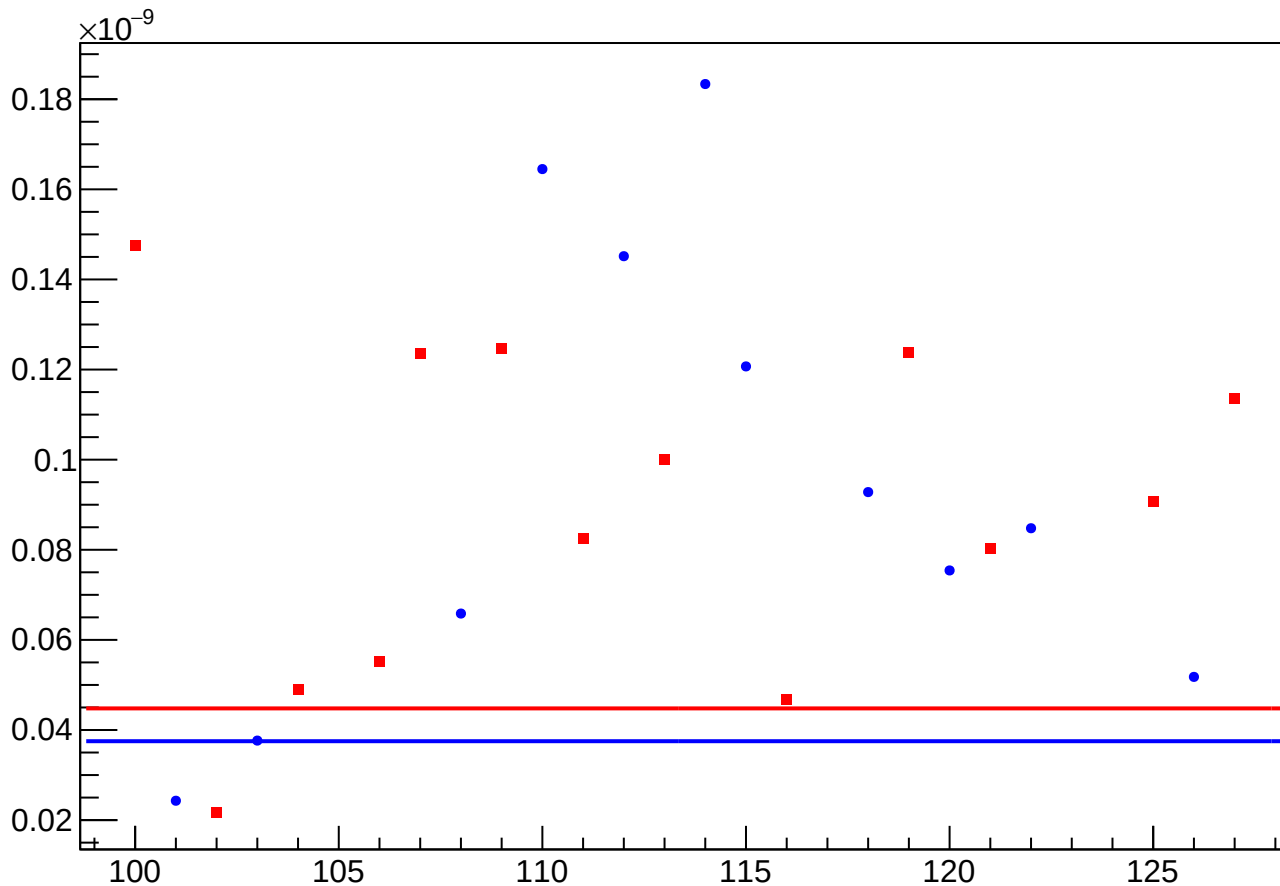
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 14.5/23

- sign 0.000 $\pm$ 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 : 1133237.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1325046.0/12

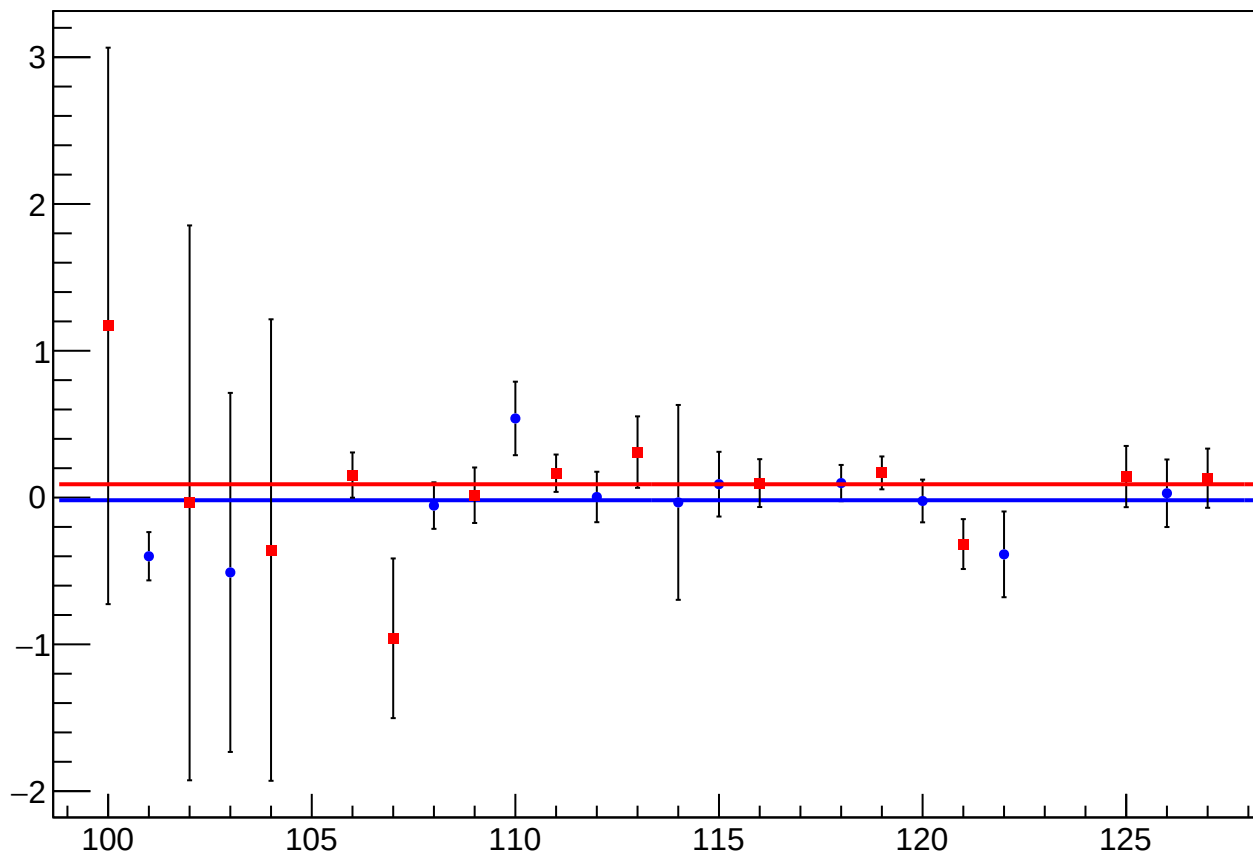
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2501028.3/23

- 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: -0.018 $\pm$ 0.058 χ^2 /NDF: 13.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.091 $\pm$ 0.053 χ^2 /NDF: 11.9/12

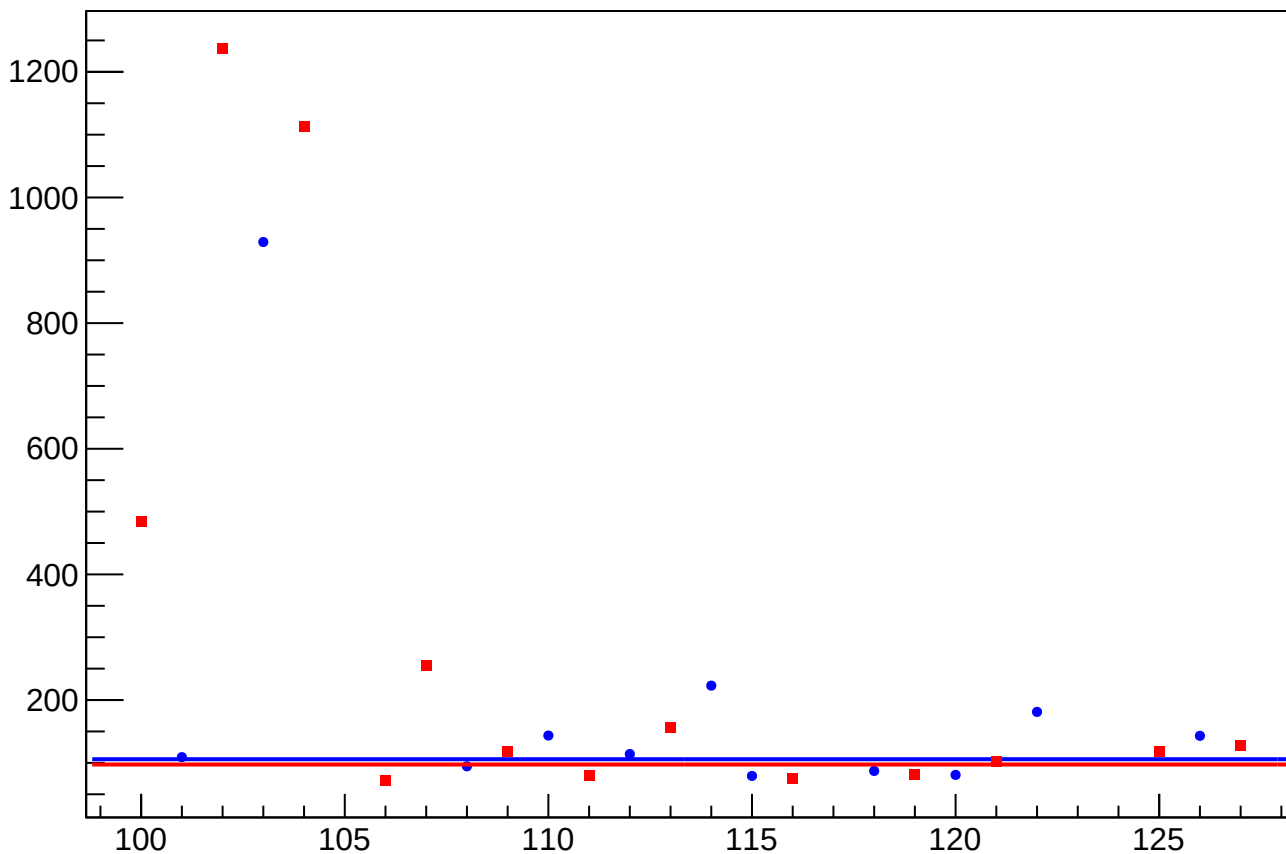
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.041 $\pm$ 0.039 χ^2 /NDF: 27.2/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_rms vs Slug



Right In: 105.819+/-0.041 χ^2/NDF : 1348660.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.380+/-0.038 χ^2/NDF : 2201085.6/12

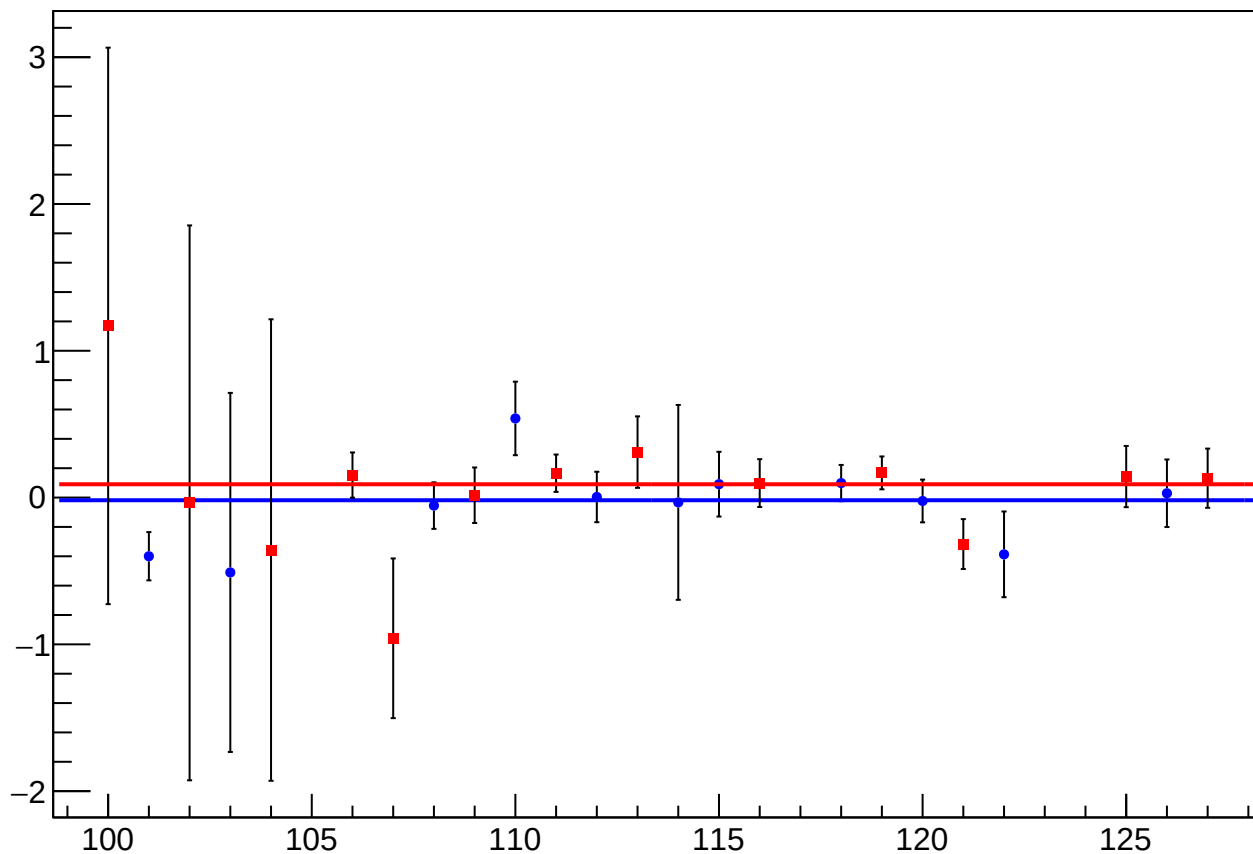
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.214+/-0.028 χ^2/NDF : 3572570.2/23

- 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: -0.018 $\pm$ 0.058 χ^2/NDF : 13.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.091 $\pm$ 0.053 χ^2/NDF : 11.9/12

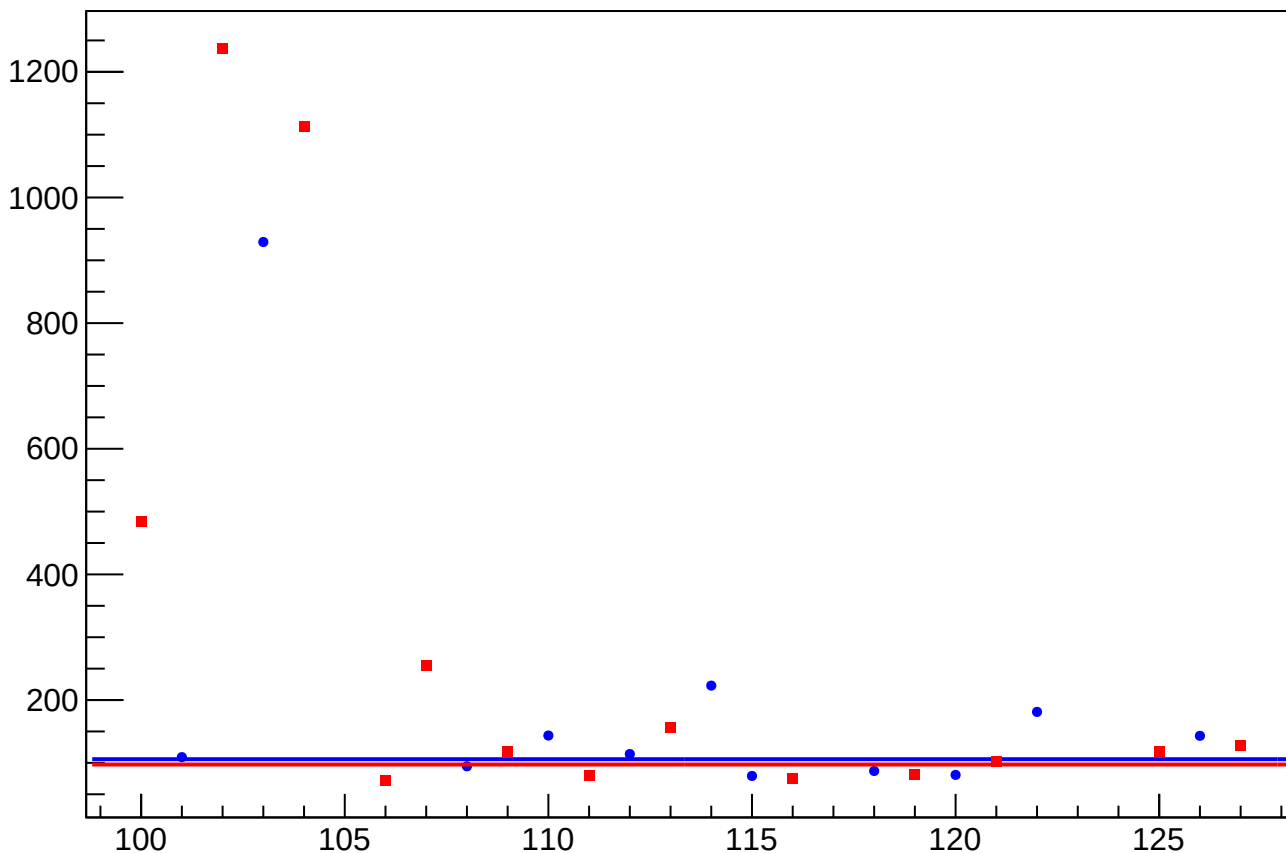
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.041 $\pm$ 0.039 χ^2/NDF : 27.2/23

- 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: 105.819+/-0.041 χ^2/NDF : 1348660.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.380+/-0.038 χ^2/NDF : 2201085.6/12

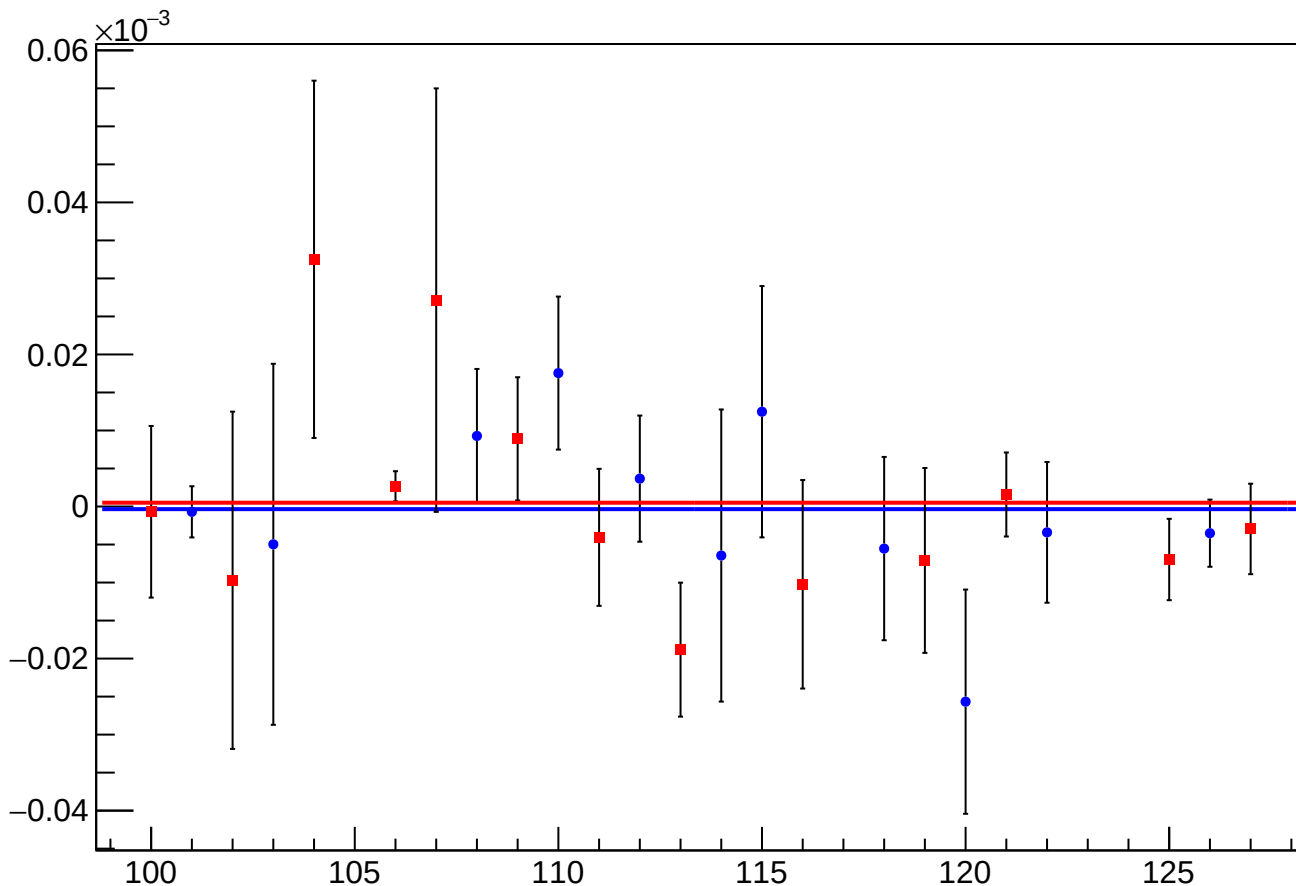
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.214+/-0.028 χ^2/NDF : 3572570.2/23

- 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+/-0.000 χ^2 /NDF: 9.1/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 13.6/12

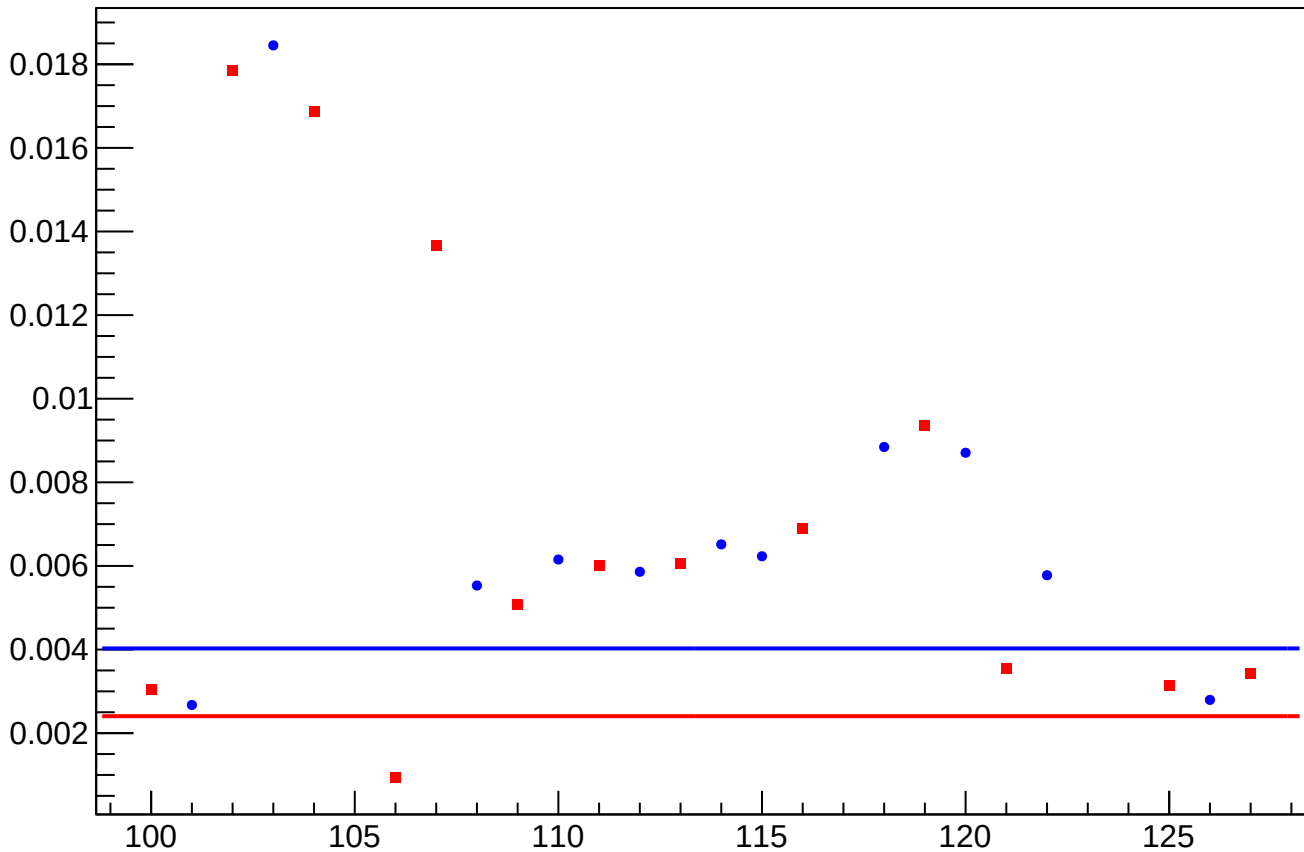
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 22.8/23

- sign 0.000+/-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+/-0.000 χ^2/NDF : 2123925.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 5098290.6/12

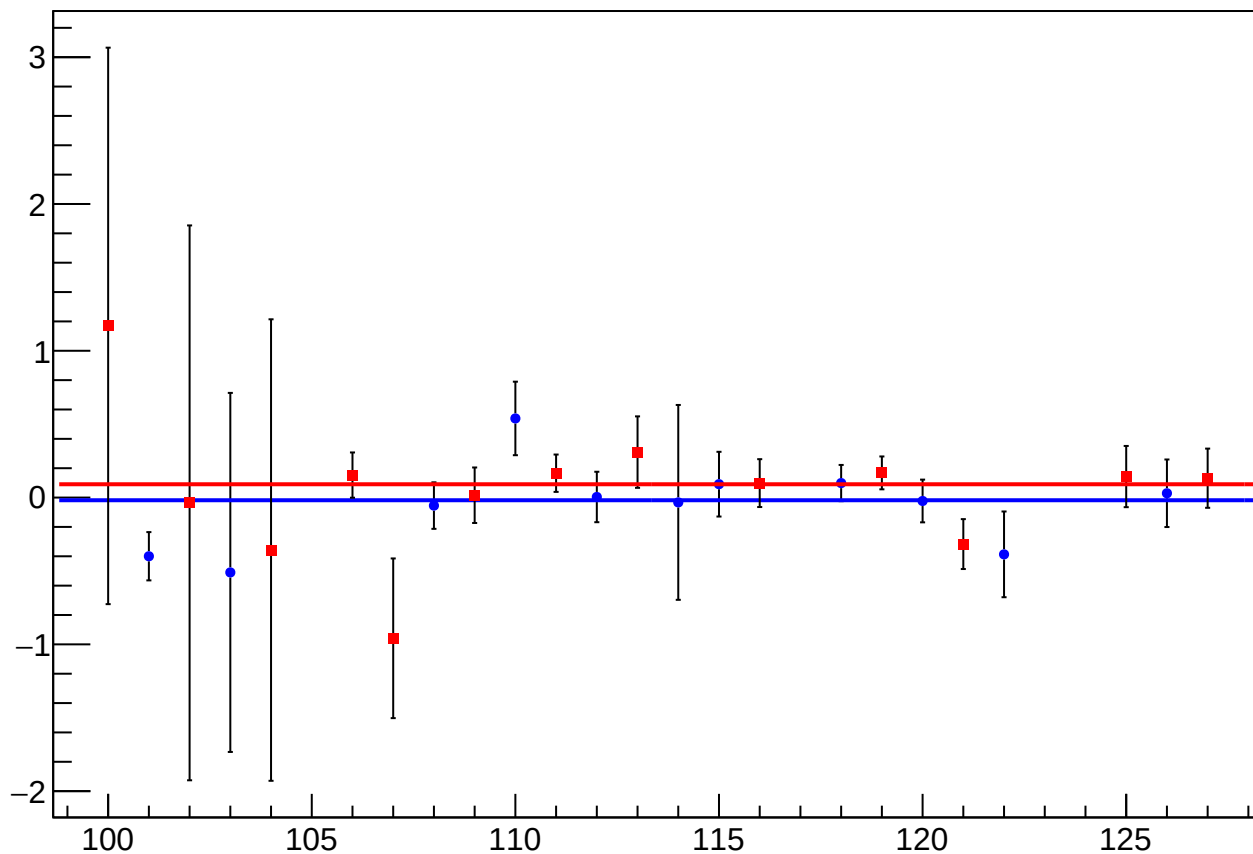
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 7950454.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.018 $\pm$ 0.058 χ^2 /NDF: 13.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.091 $\pm$ 0.053 χ^2 /NDF: 11.9/12

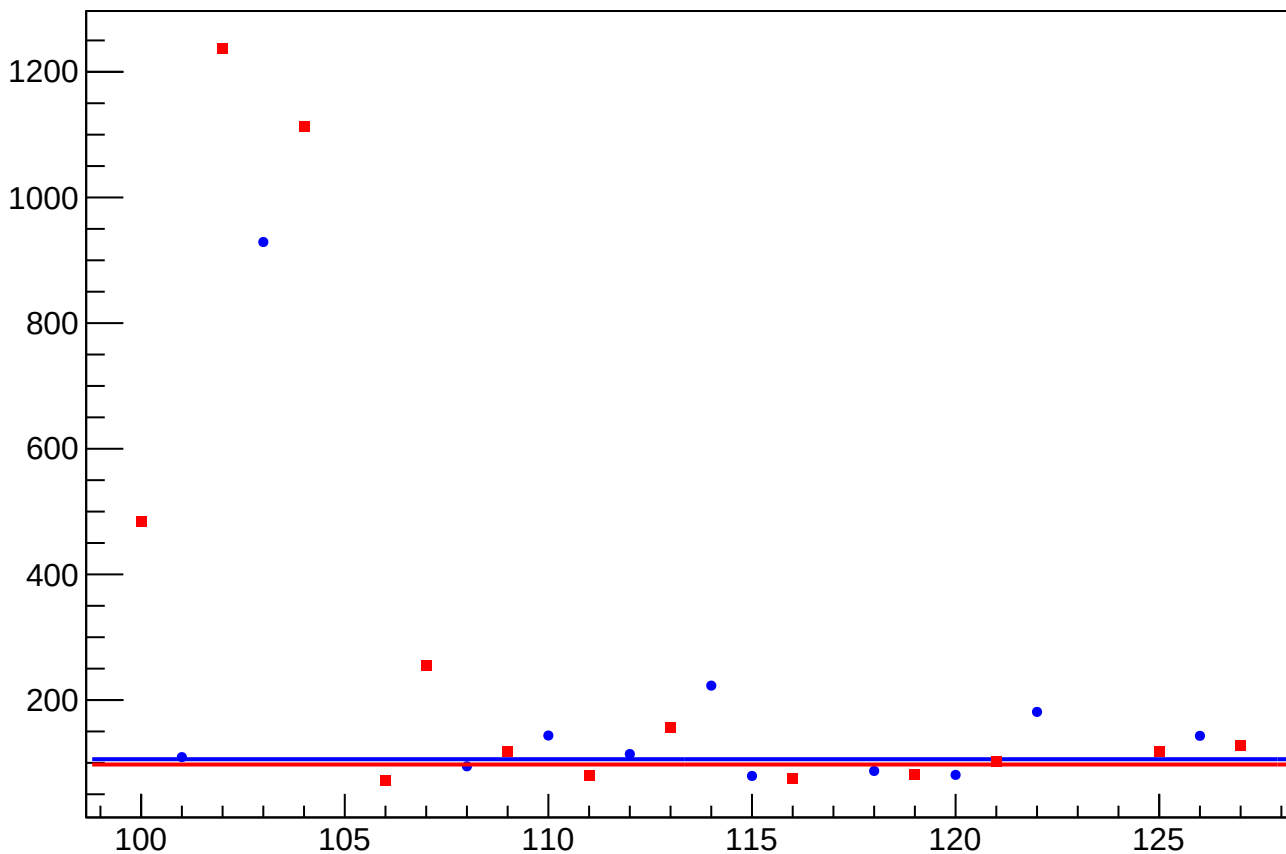
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.041 $\pm$ 0.039 χ^2 /NDF: 27.2/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 105.818+/-0.041 χ^2/NDF : 1348670.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.378+/-0.038 χ^2/NDF : 2201080.3/12

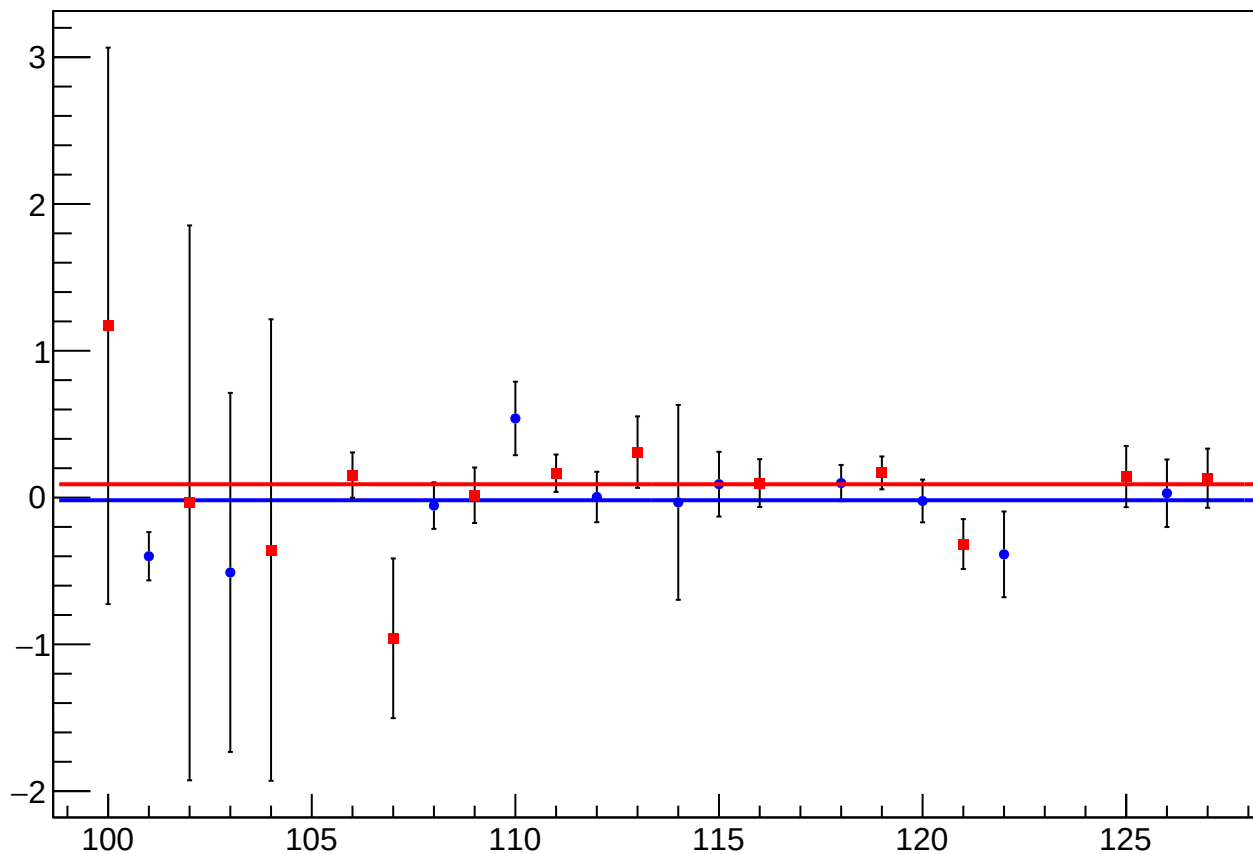
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.213+/-0.028 χ^2/NDF : 3572579.7/23

- 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: -0.018+/-0.058 χ^2 /NDF: 13.3/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.091+/-0.053 χ^2 /NDF: 11.9/12

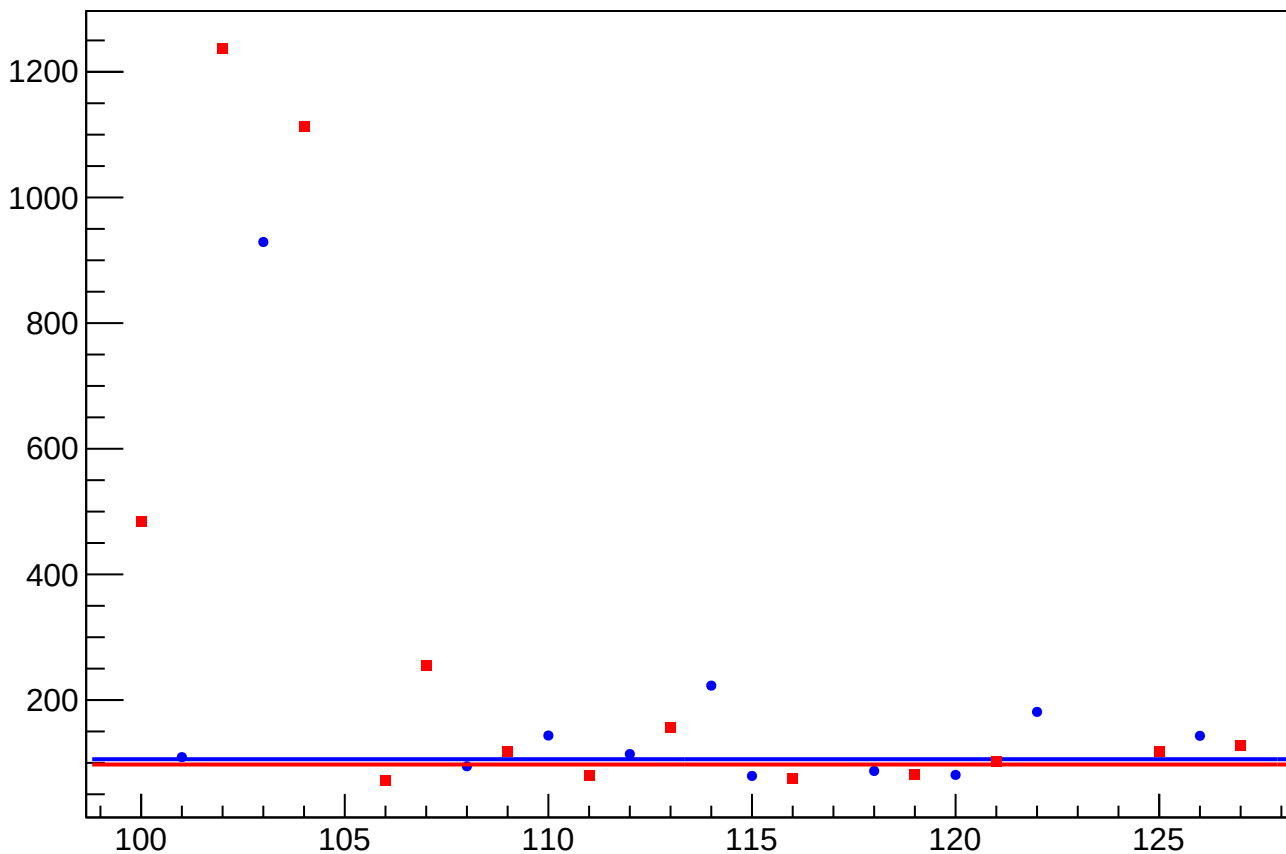
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.041+/-0.039 χ^2 /NDF: 27.2/23

- sign 0.000+/-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: 105.818+/-0.041 χ^2/NDF : 1348670.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.378+/-0.038 χ^2/NDF : 2201080.3/12

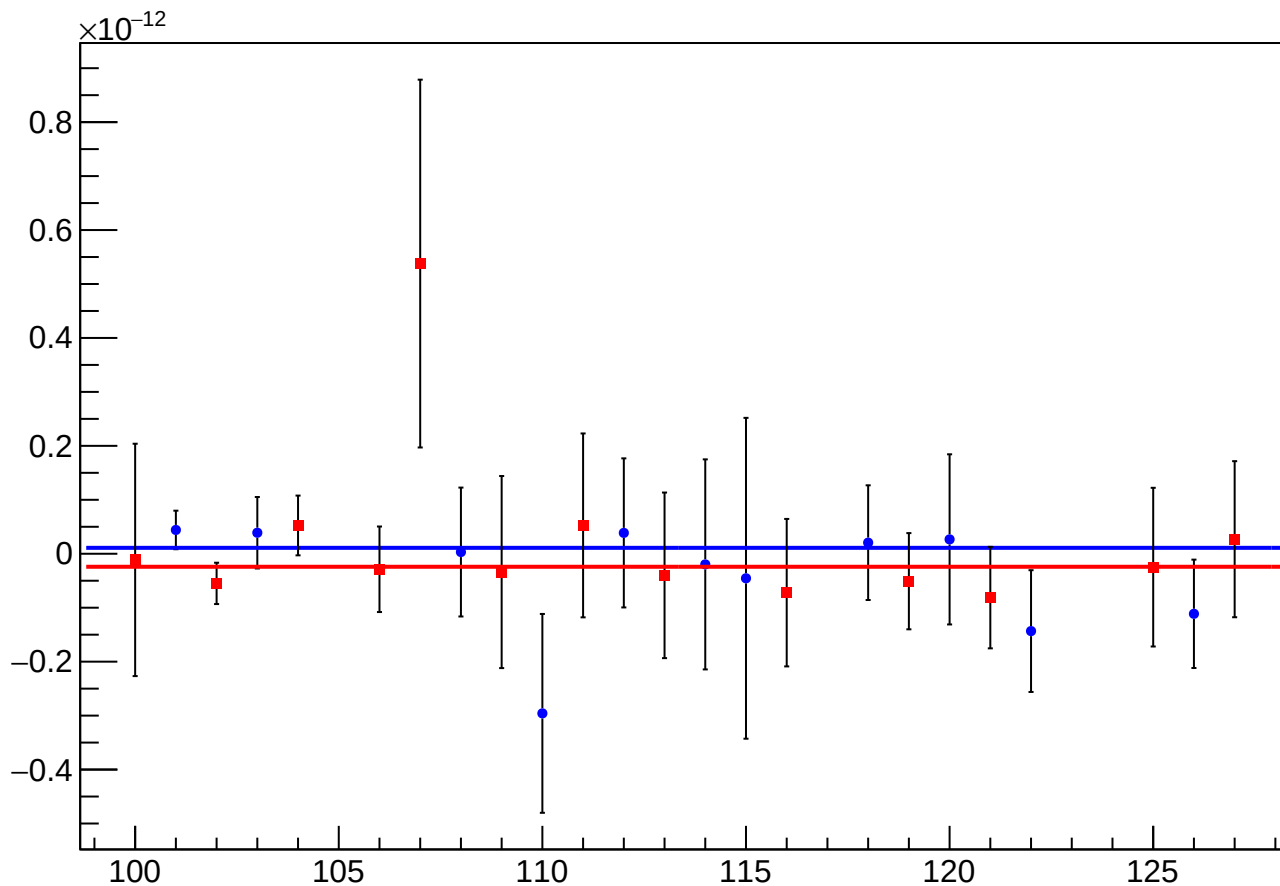
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.213+/-0.028 χ^2/NDF : 3572579.7/23

- 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+/-0.000 χ^2/NDF : 7.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.2/12

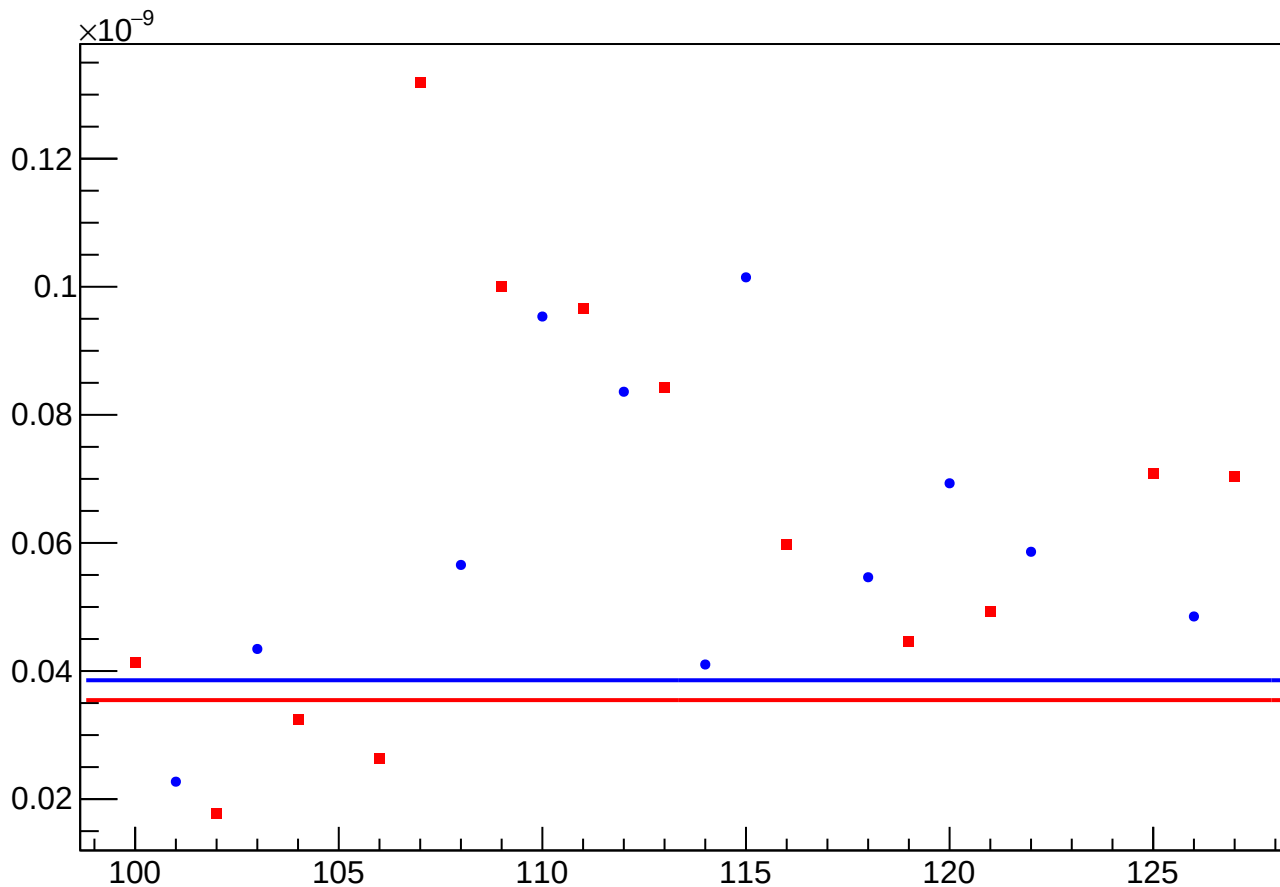
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.5/23

- sign 0.000+/-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 : 1146584.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1705164.5/12

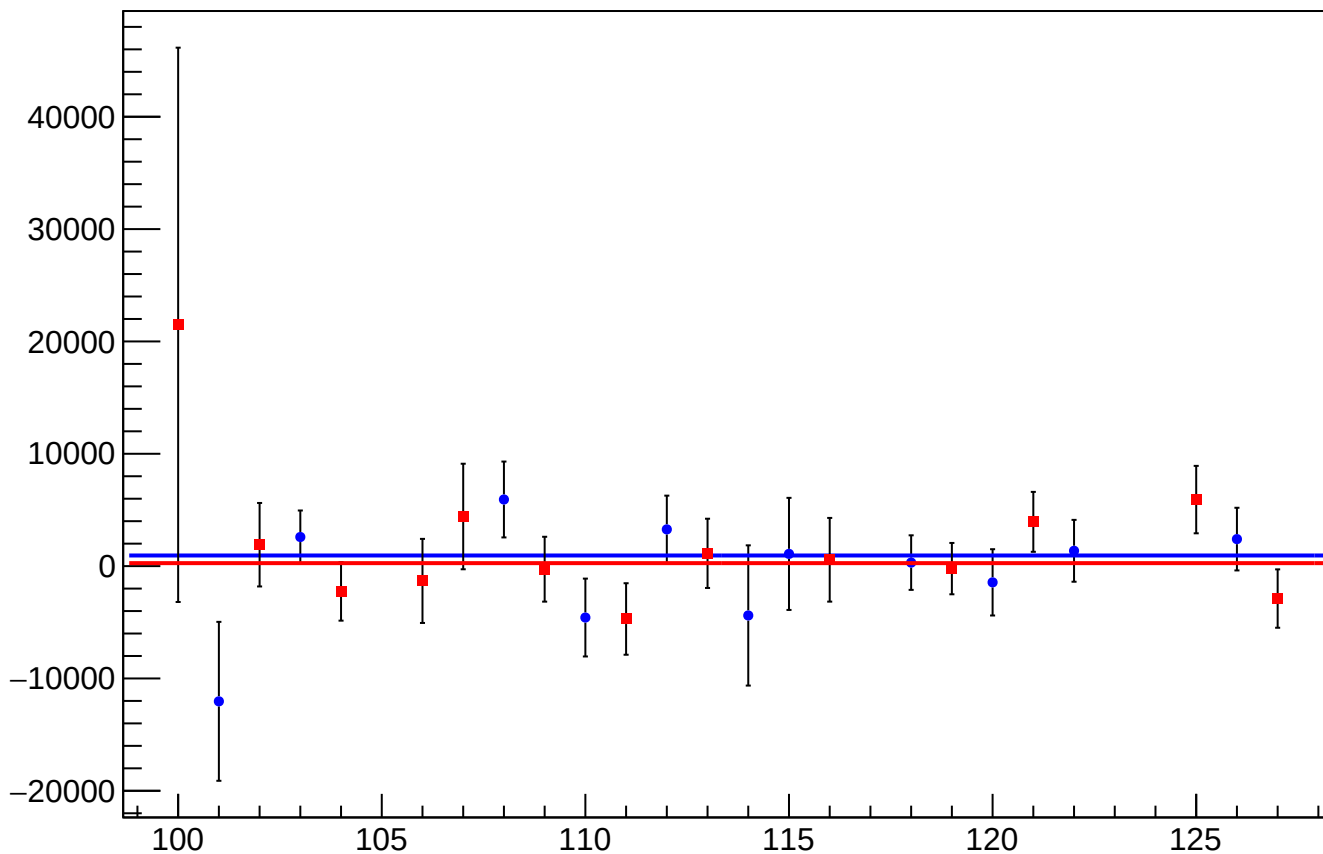
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2867079.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: 946.459+/-956.847 χ^2/NDF : 10.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 265.332+/-868.611 χ^2/NDF : 12.4/12

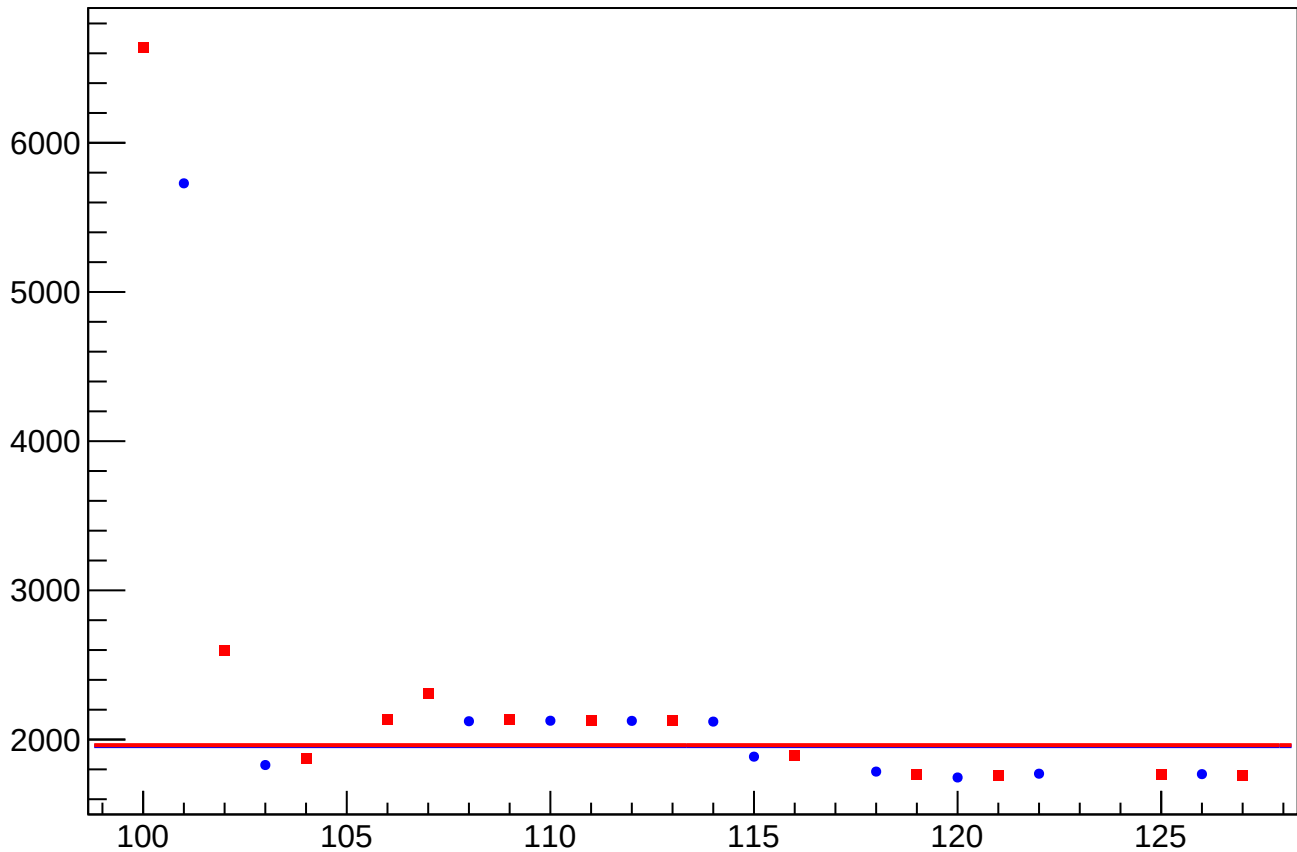
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 573.049+/-643.138 χ^2/NDF : 23.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 1955.834+/-0.677 χ^2/NDF : 630509.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1962.406+/-0.614 χ^2/NDF : 213752.1/12

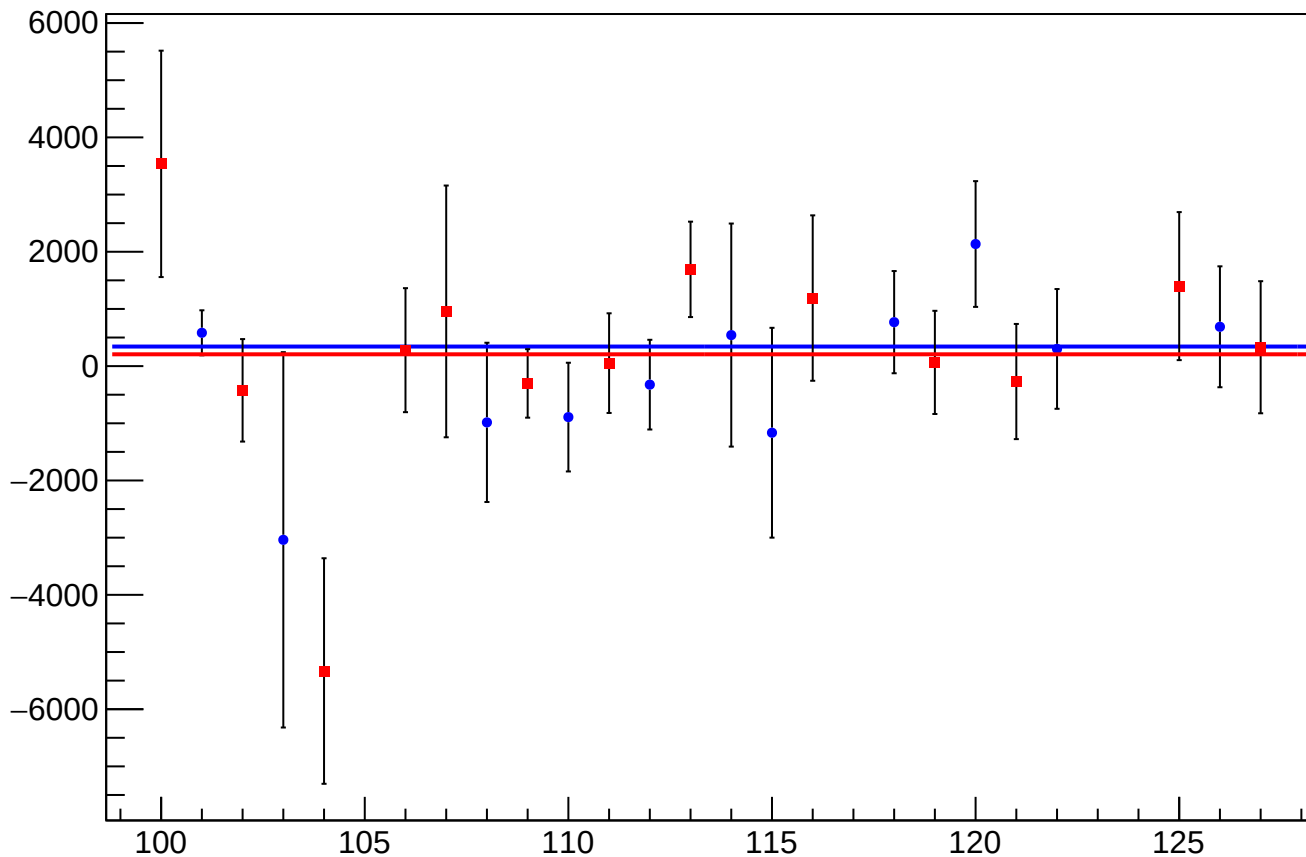
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1959.437+/-0.455 χ^2/NDF : 844312.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_reg_correction_mean vs Slug



Right In: 342.293+/-264.962 χ^2/NDF : 8.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 206.706+/-284.083 χ^2/NDF : 16.8/12

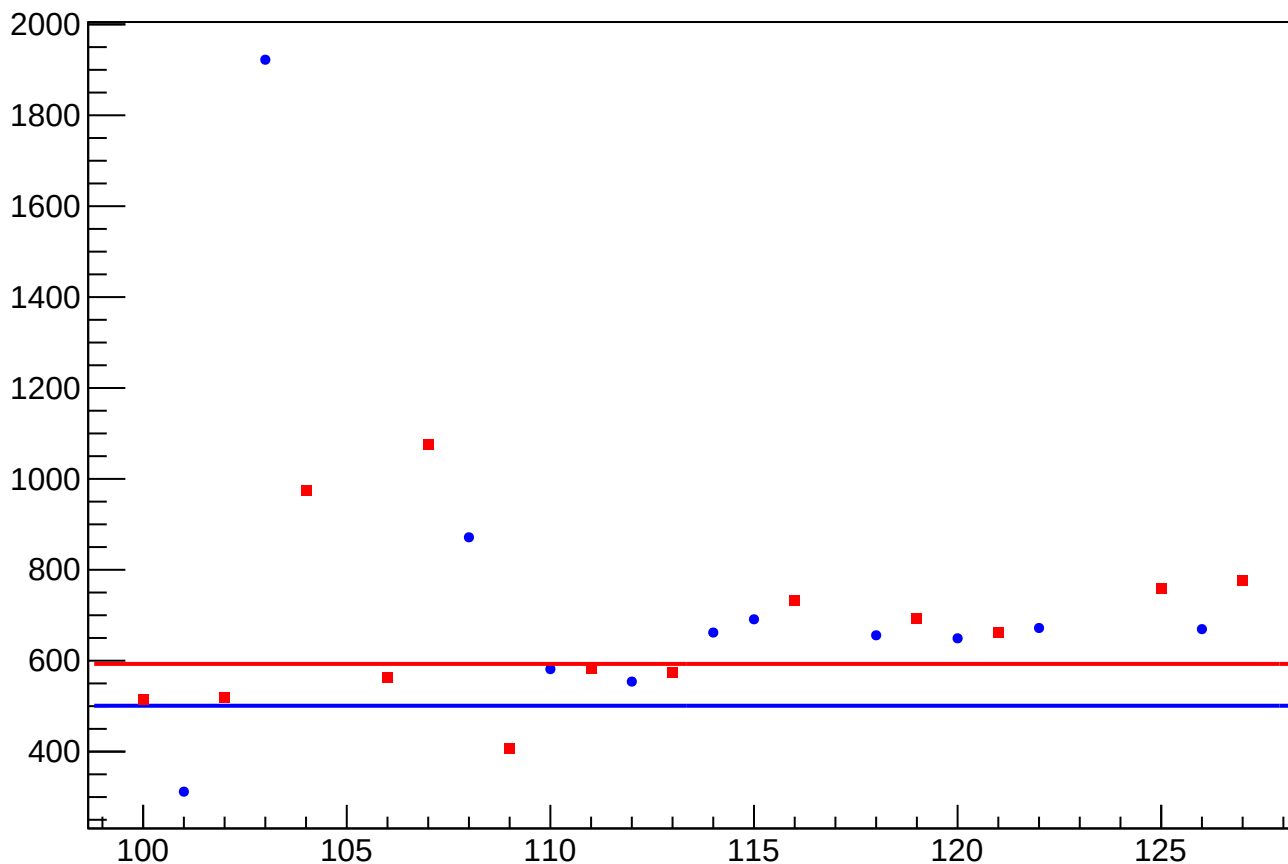
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 279.216+/-193.764 χ^2/NDF : 25.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_reg_correction_rms vs Slug



Right In: 500.892 $\pm$ 0.187 χ^2 /NDF: 1237873.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 592.940 $\pm$ 0.201 χ^2 /NDF: 519481.7/12

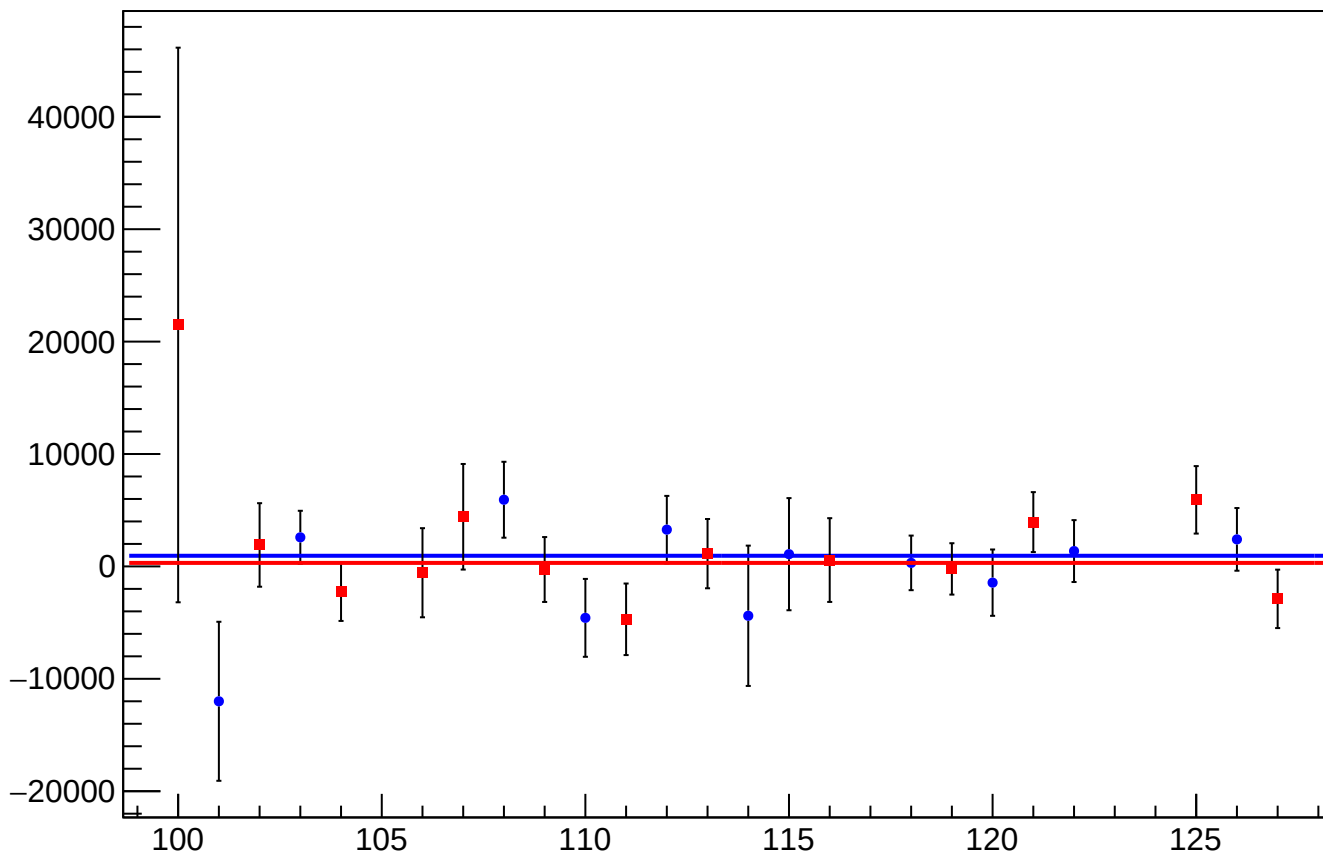
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 543.715 $\pm$ 0.137 χ^2 /NDF: 1869646.6/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: 946.702 $\pm$ 956.847 χ^2 /NDF: 10.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 311.381 $\pm$ 871.170 χ^2 /NDF: 12.2/12

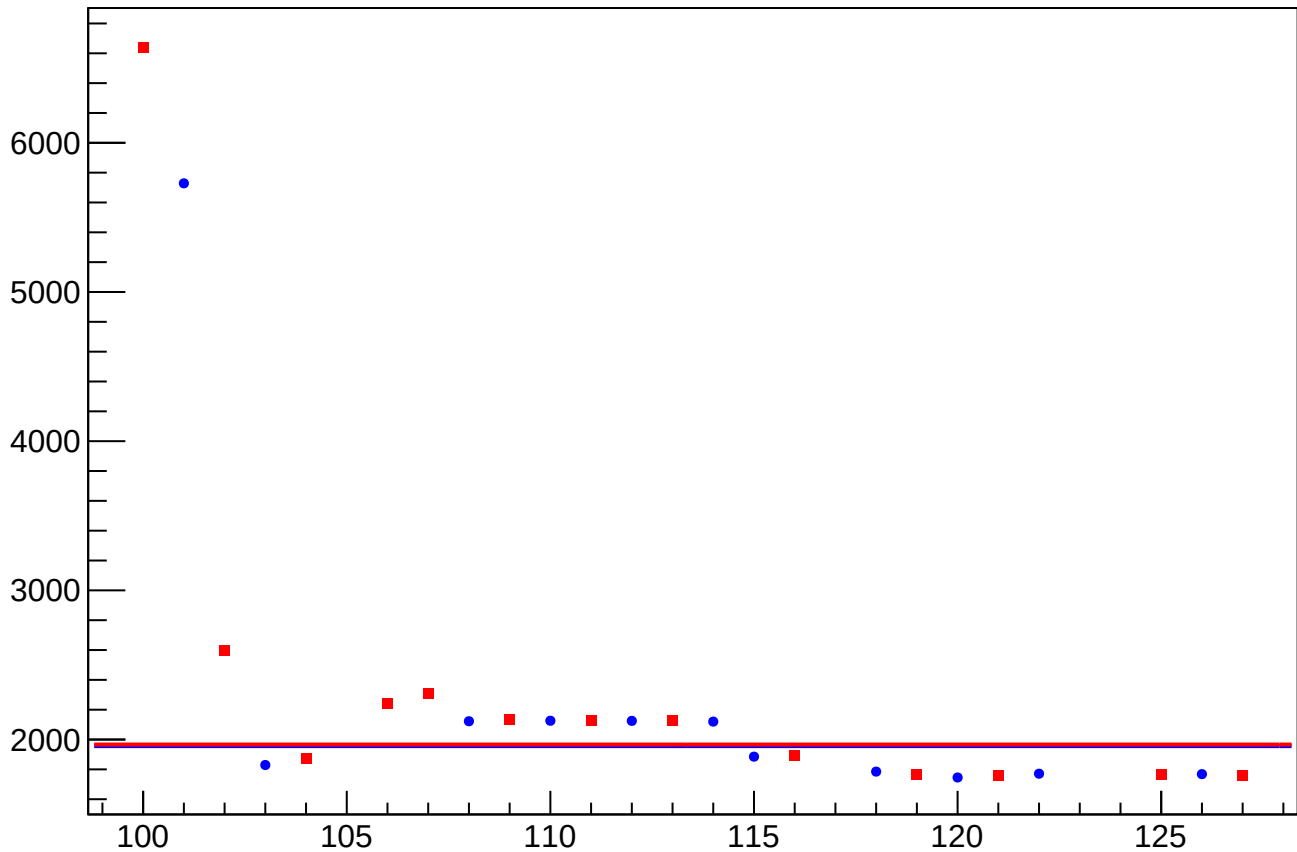
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 599.330 $\pm$ 644.175 χ^2 /NDF: 23.4/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 1955.834+/-0.677 χ^2/NDF : 630509.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

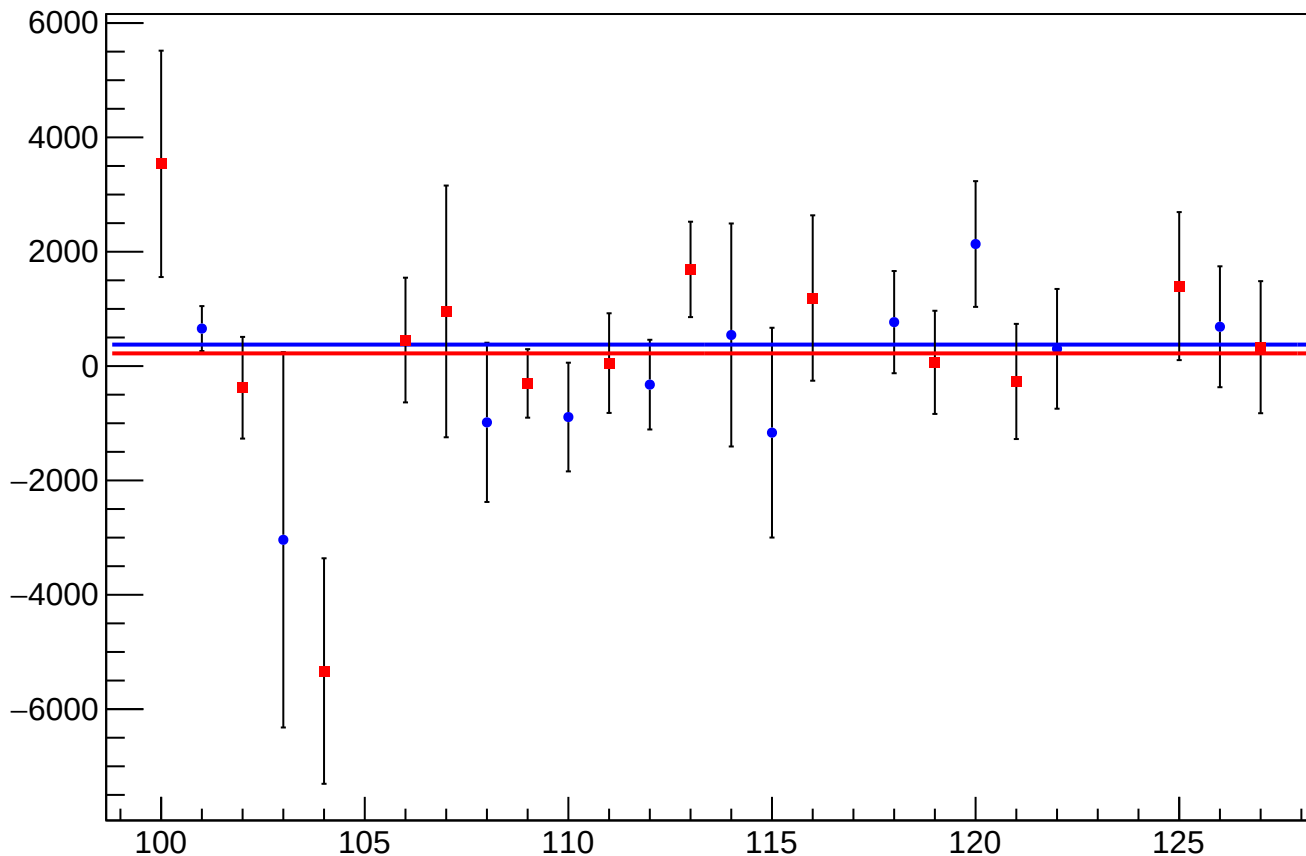
Right Out: 1966.454+/-0.616 χ^2/NDF : 219298.6/12

All: 1961.640+/-0.455 χ^2/NDF : 849942.3/23

- 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_dd_cor_correction_mean vs Slug



Right In: 375.961+/-264.827 χ^2/NDF : 8.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 222.075+/-283.985 χ^2/NDF : 16.8/12

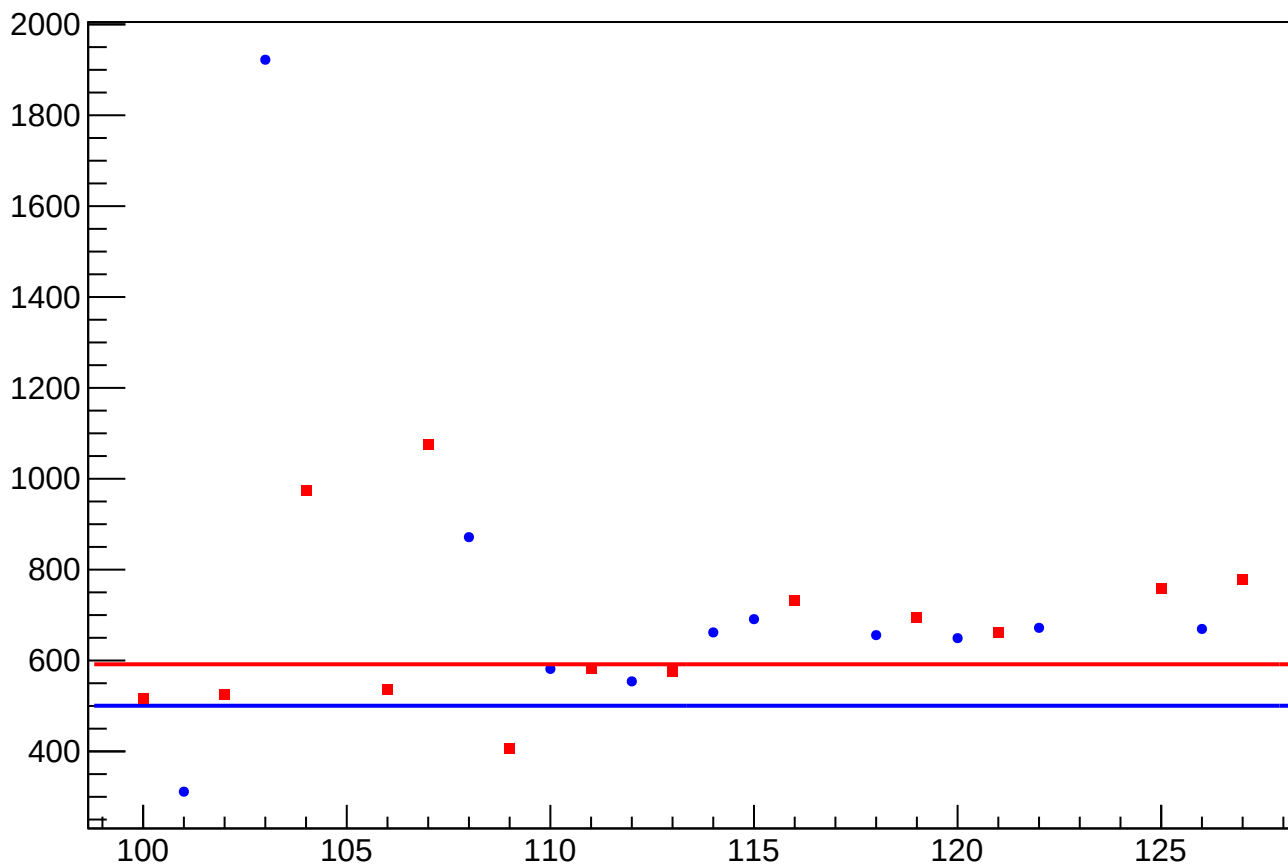
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 304.383+/-193.680 χ^2/NDF : 25.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_cor_correction_rms vs Slug



Right In: 500.472+/-0.187 χ^2/NDF : 1241253.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 591.710+/-0.201 χ^2/NDF : 521009.4/12

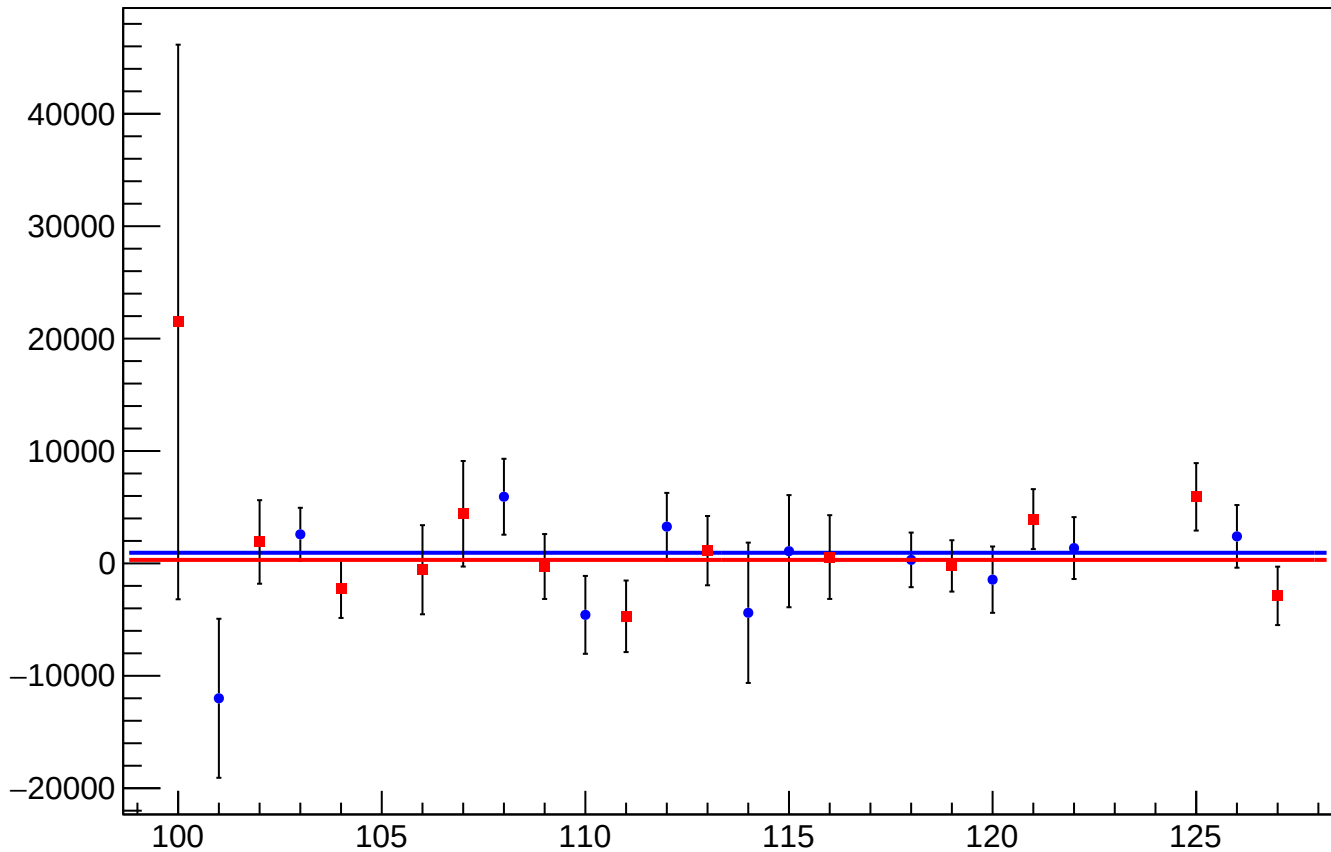
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 542.910+/-0.137 χ^2/NDF : 1872679.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: 946.702+/-956.847 χ^2/NDF : 10.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 311.381+/-871.170 χ^2/NDF : 12.2/12

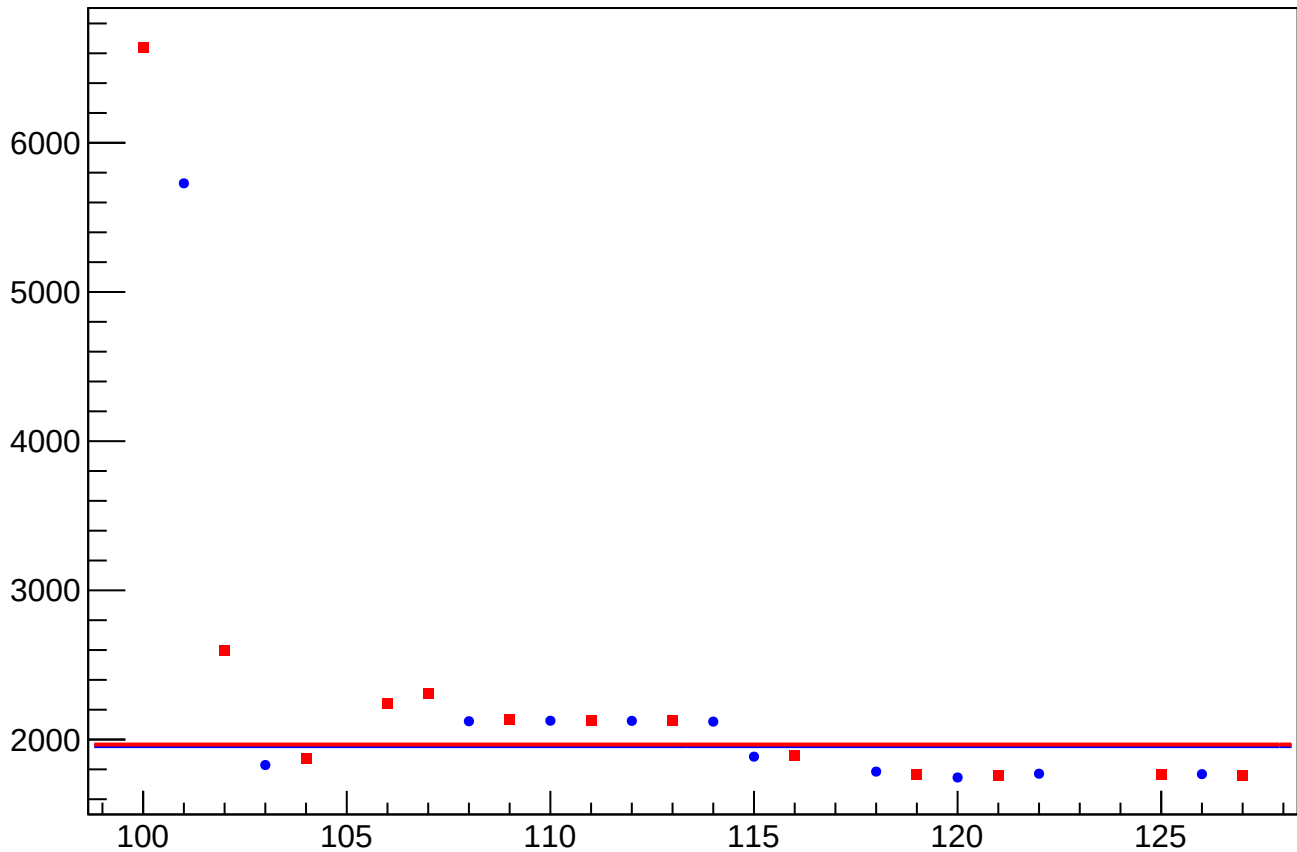
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 599.330+/-644.175 χ^2/NDF : 23.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 1955.834+/-0.677 χ^2/NDF : 630509.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

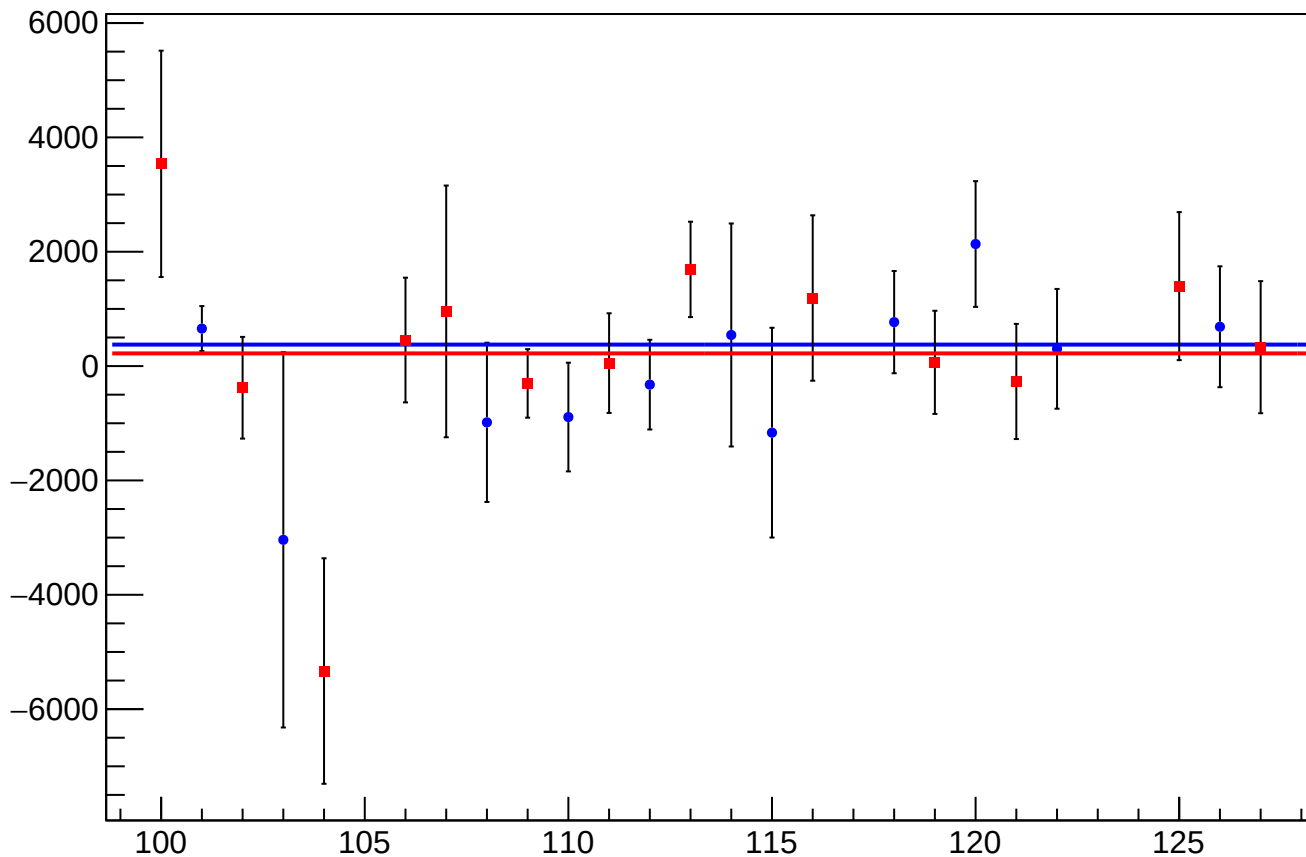
Right Out: 1966.454+/-0.616 χ^2/NDF : 219298.6/12

All: 1961.640+/-0.455 χ^2/NDF : 849942.3/23

- 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_dd_eigen_cor_correction_mean vs Slug



Right In: 375.961 $\pm$ 264.827 χ^2 /NDF: 8.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 222.075 $\pm$ 283.985 χ^2 /NDF: 16.8/12

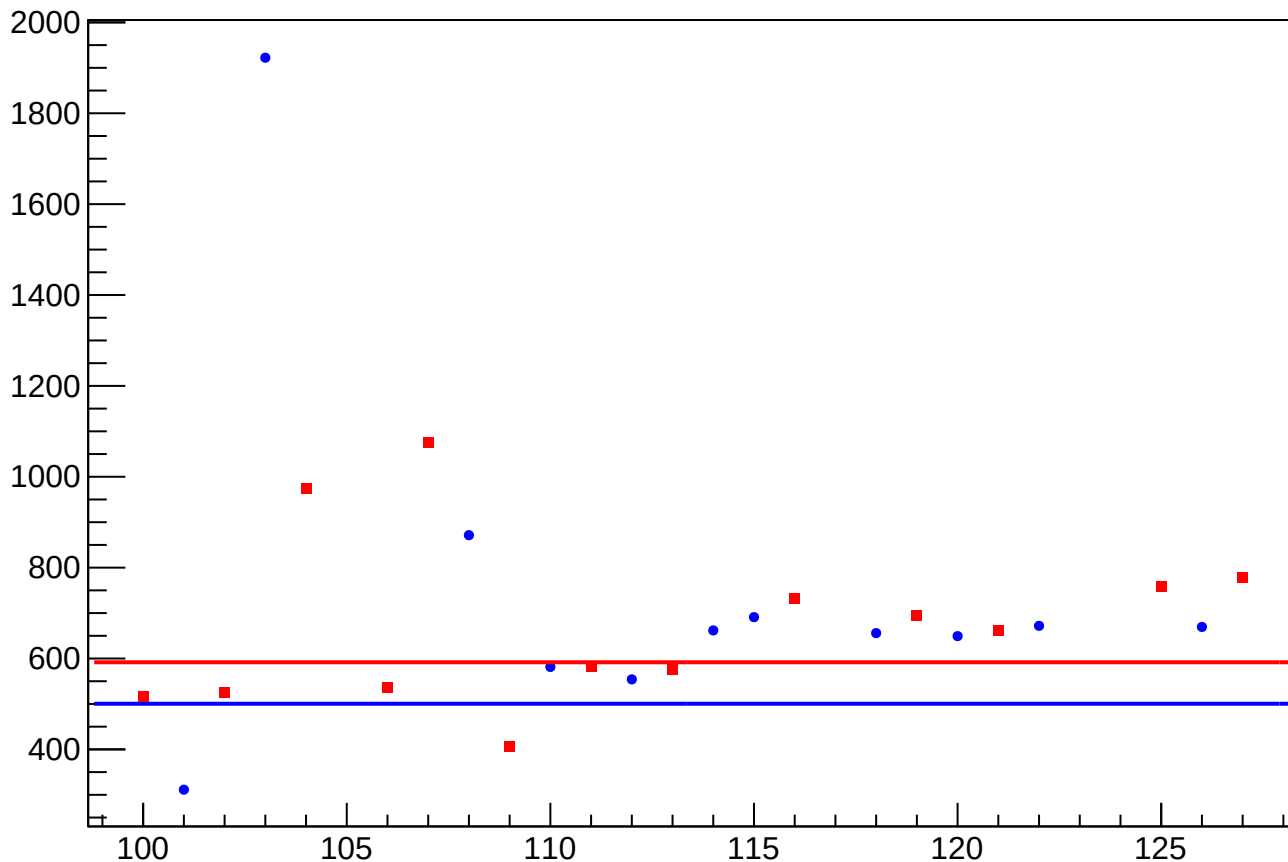
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 304.383 $\pm$ 193.680 χ^2 /NDF: 25.6/23

- 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: 500.472+/-0.187 χ^2/NDF : 1241253.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 591.710+/-0.201 χ^2/NDF : 521009.4/12

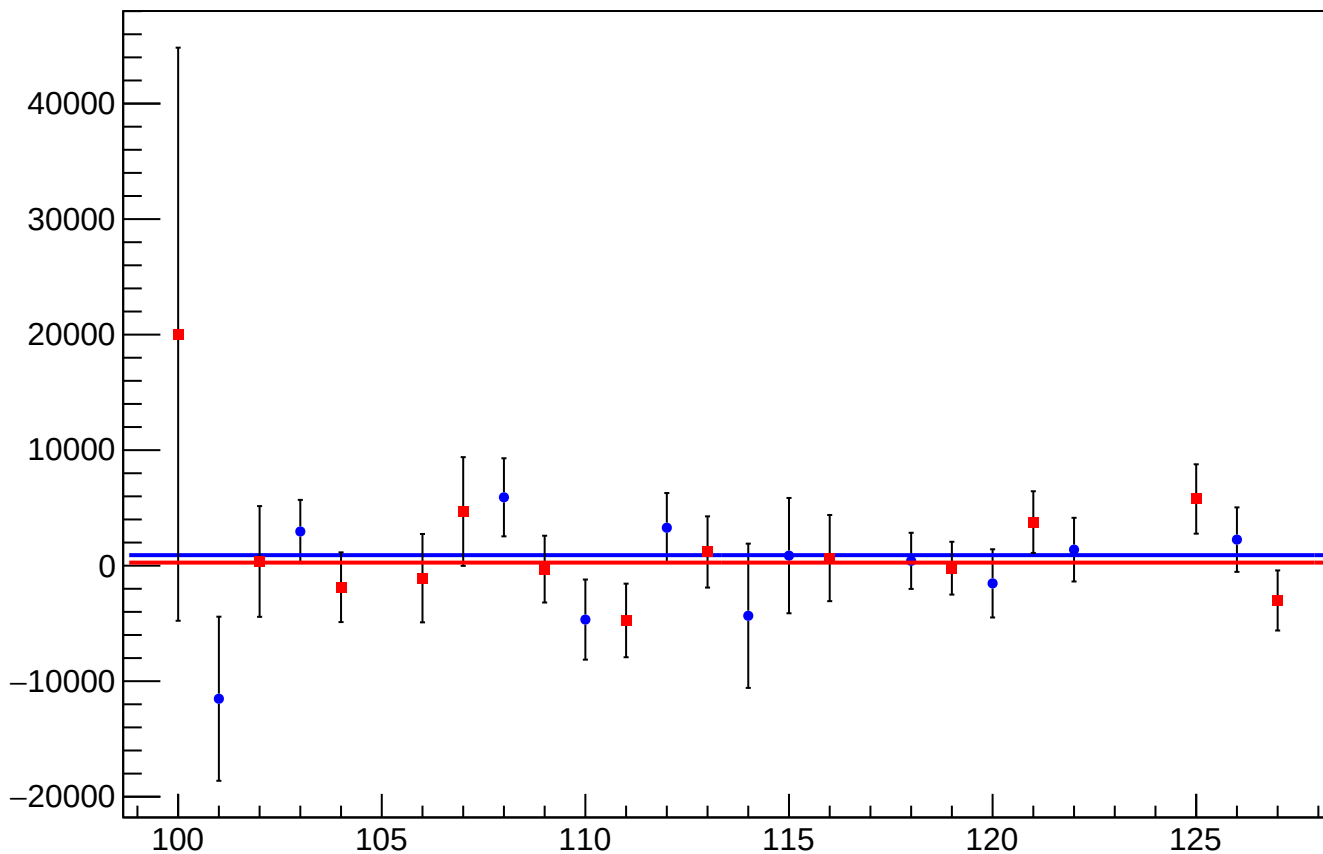
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 542.910+/-0.137 χ^2/NDF : 1872679.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: 910.525+/-978.179 χ^2/NDF : 10.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 265.055+/-892.896 χ^2/NDF : 11.5/12

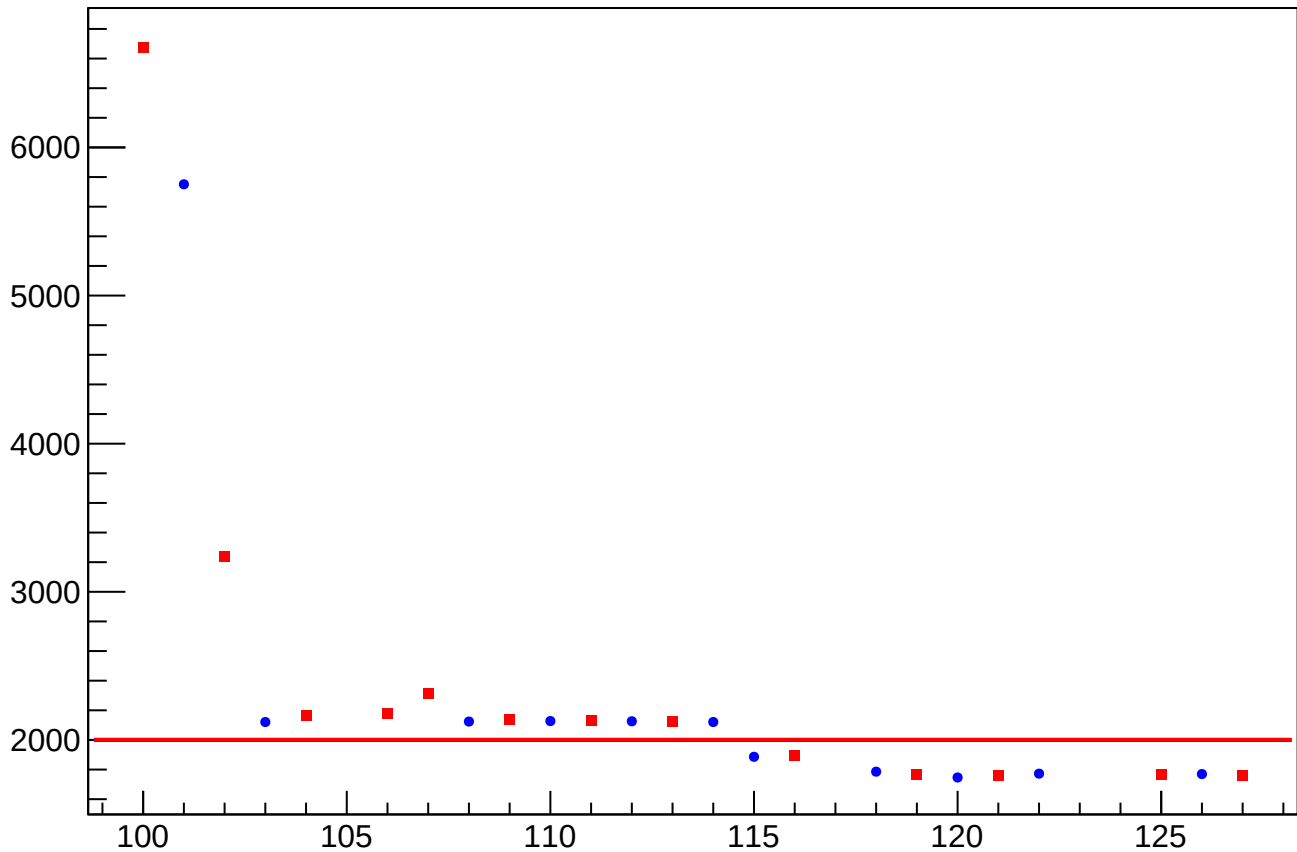
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 558.430+/-659.466 χ^2/NDF : 22.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 1999.515+/-0.692 χ^2/NDF : 629957.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2001.245+/-0.631 χ^2/NDF : 302227.3/12

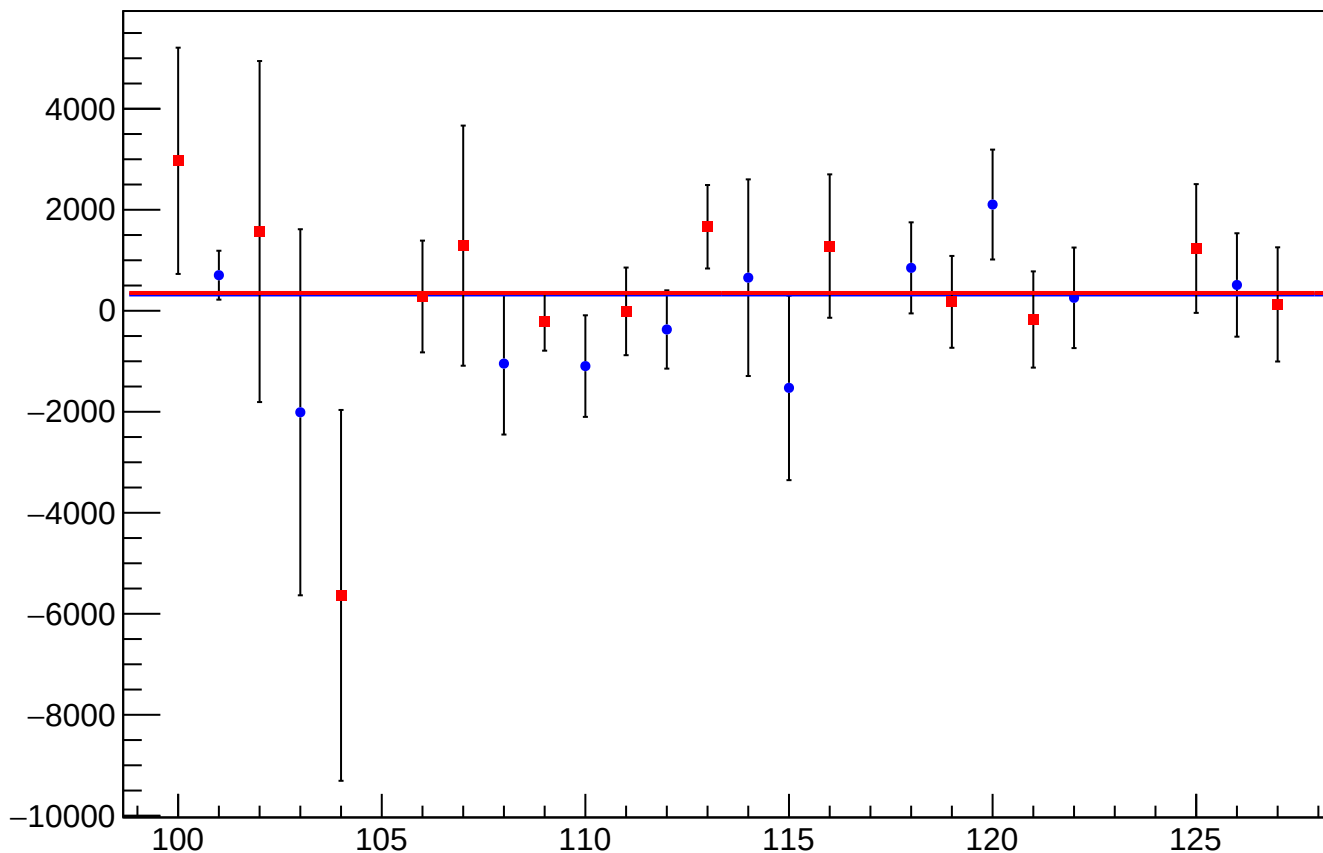
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2000.459+/-0.466 χ^2/NDF : 932188.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_dit_correction_mean vs Slug



Right In: 322.756 $\pm$ 287.463 χ^2 /NDF: 8.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 352.584 $\pm$ 295.806 χ^2 /NDF: 9.3/12

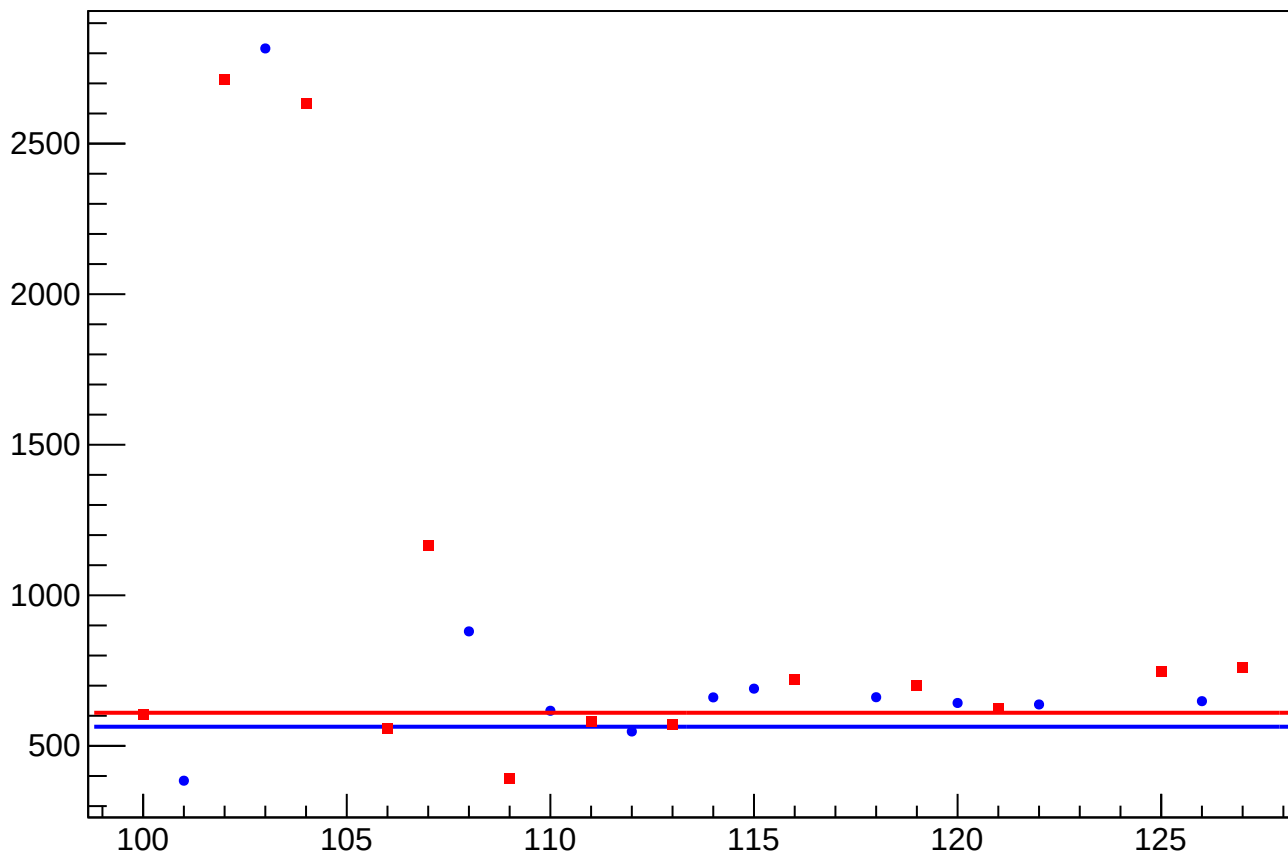
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 337.244 $\pm$ 206.153 χ^2 /NDF: 18.2/23

- 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: 563.613+/-0.203 χ^2/NDF : 1227950.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 609.960+/-0.209 χ^2/NDF : 1889880.7/12

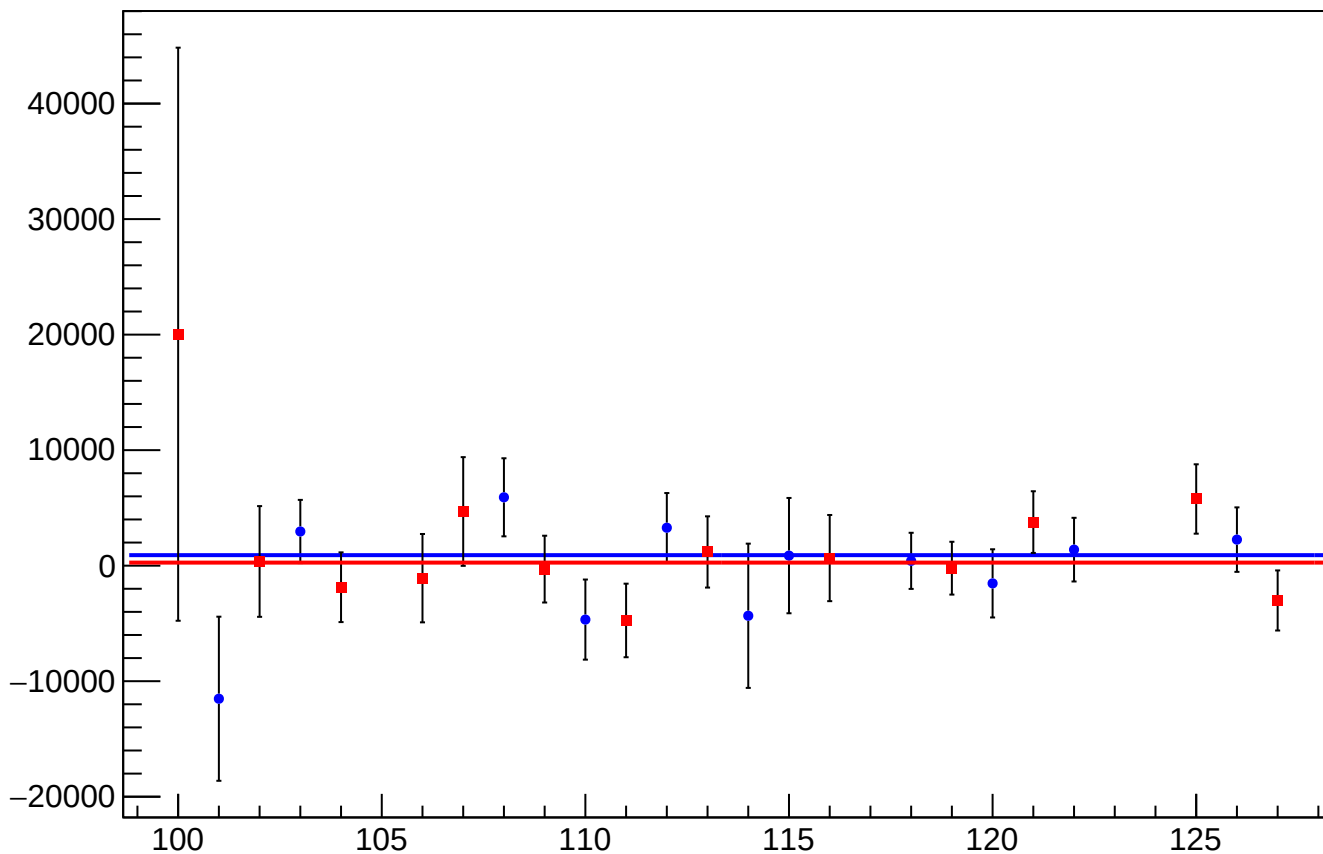
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 586.124+/-0.146 χ^2/NDF : 3143081.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: 910.525+/-978.179 χ^2/NDF : 10.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 265.054+/-892.896 χ^2/NDF : 11.5/12

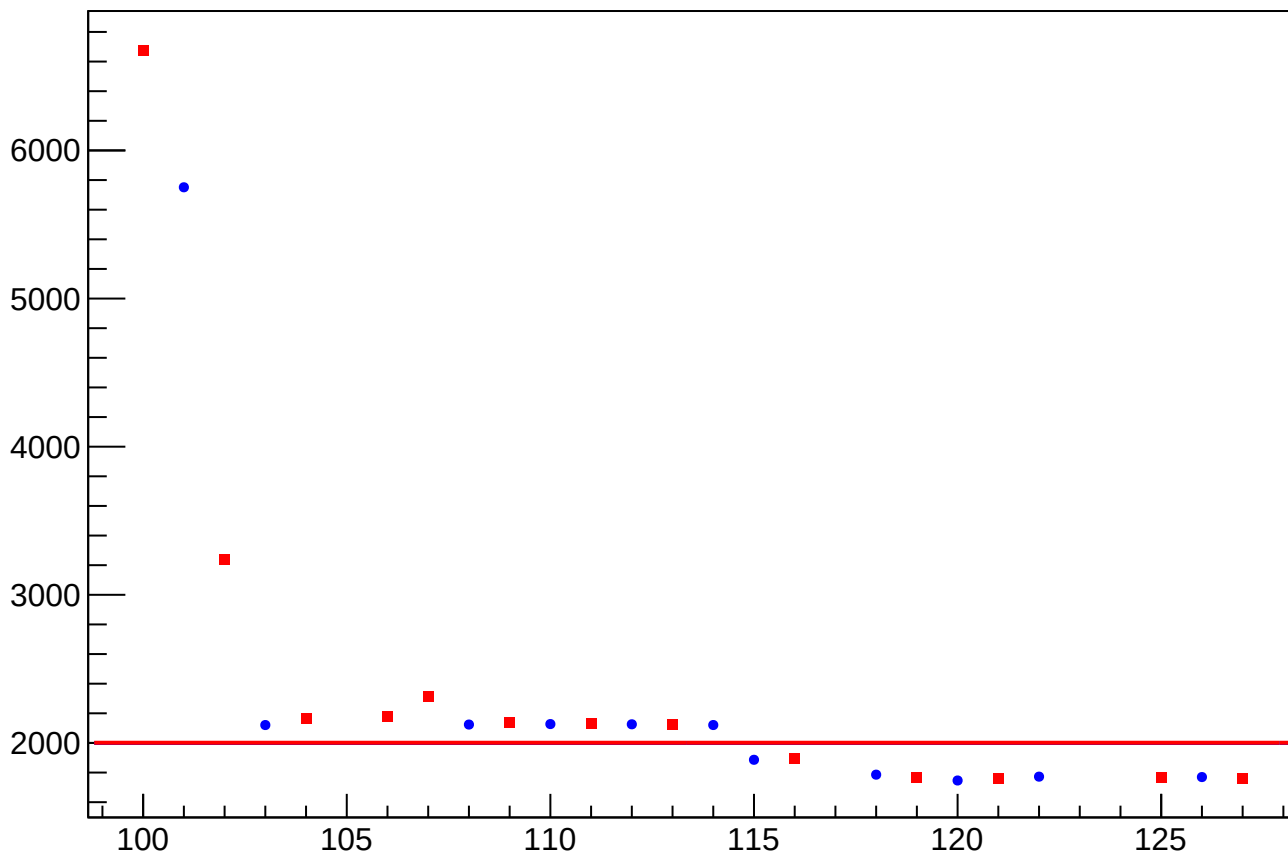
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 558.430+/-659.466 χ^2/NDF : 22.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 1999.515+/-0.692 χ^2/NDF : 629957.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2001.244+/-0.631 χ^2/NDF : 302226.6/12

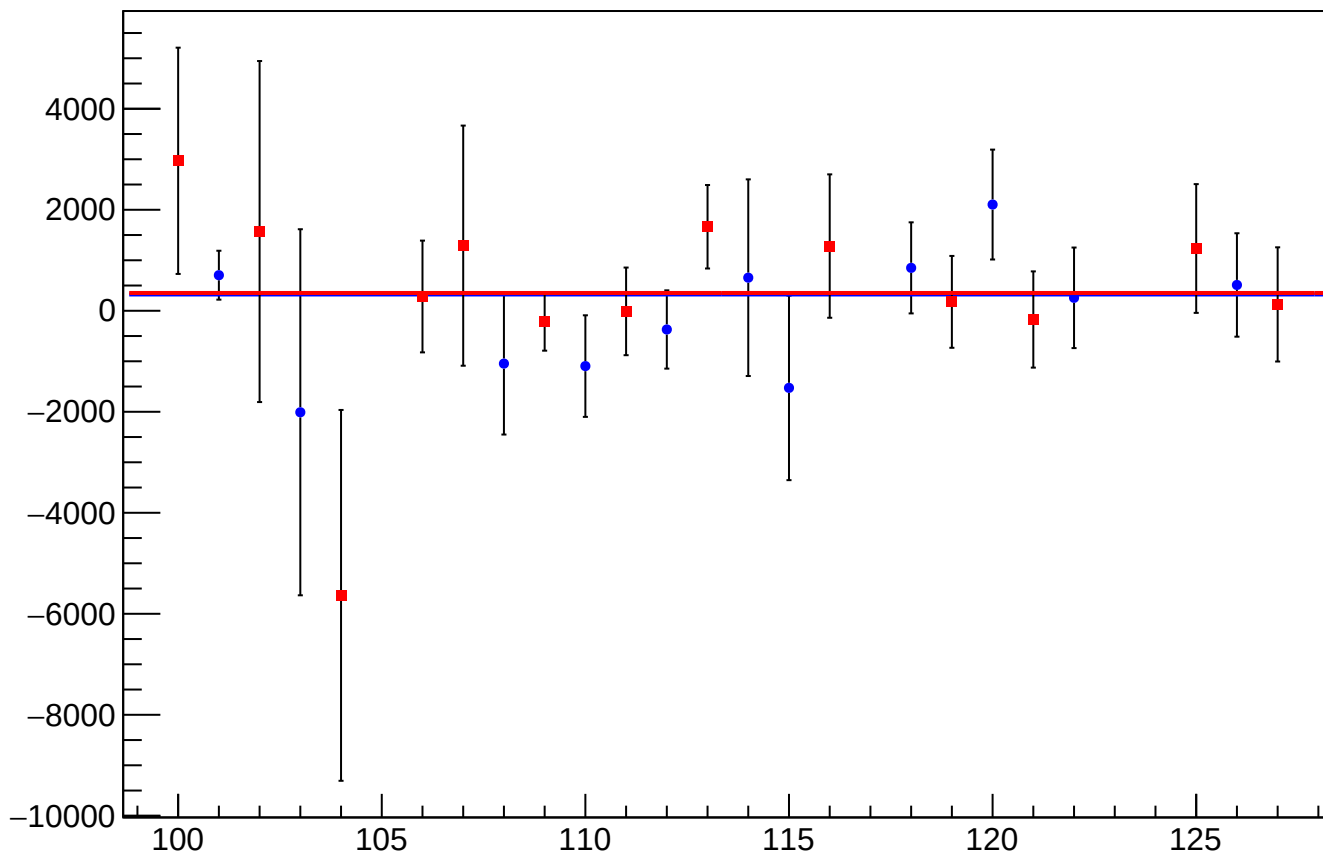
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2000.458+/-0.466 χ^2/NDF : 932187.5/23

- 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: 322.755 $\pm$ 287.462 χ^2 /NDF: 8.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 352.580 $\pm$ 295.804 χ^2 /NDF: 9.3/12

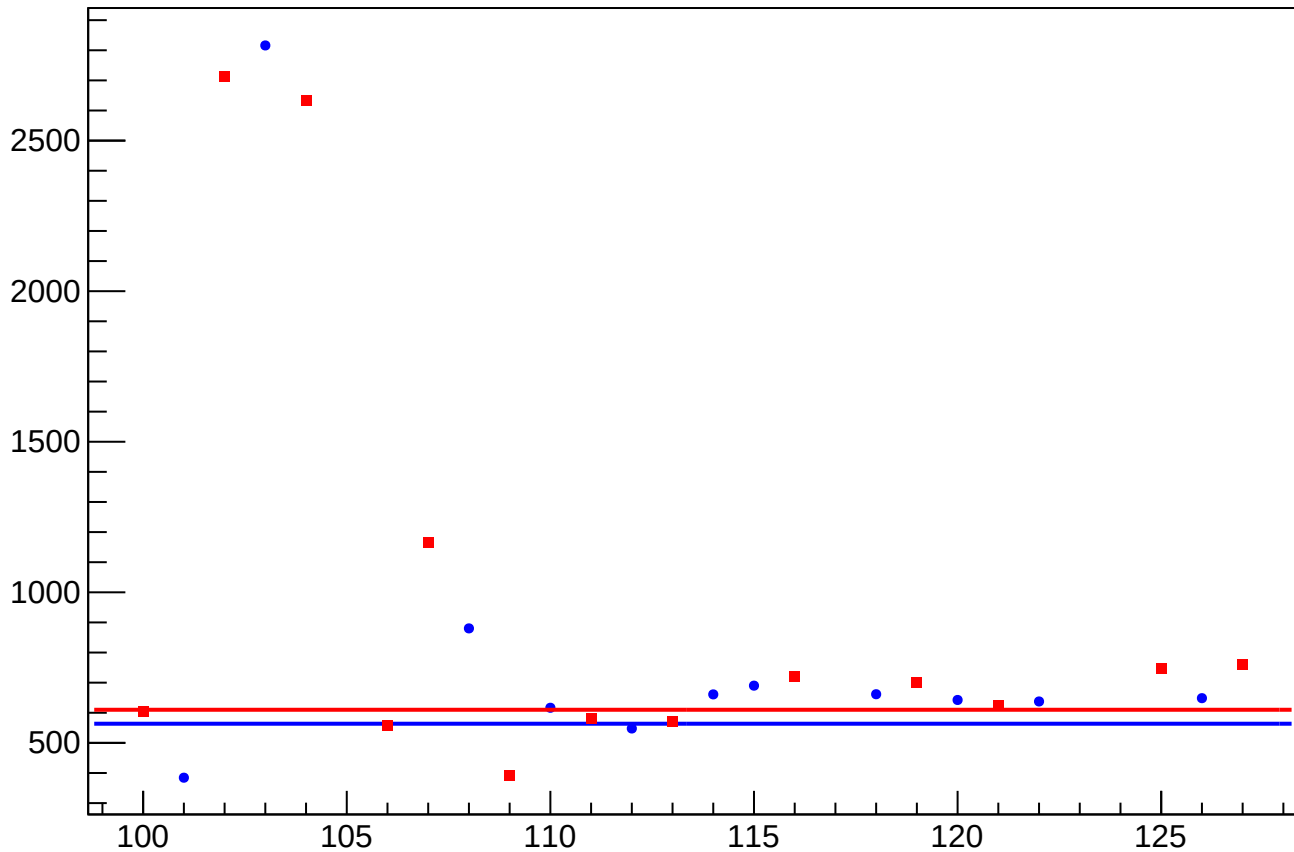
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 337.241 $\pm$ 206.152 χ^2 /NDF: 18.2/23

- 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: 563.612+/-0.203 χ^2/NDF : 1227943.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 609.955+/-0.209 χ^2/NDF : 1889898.2/12

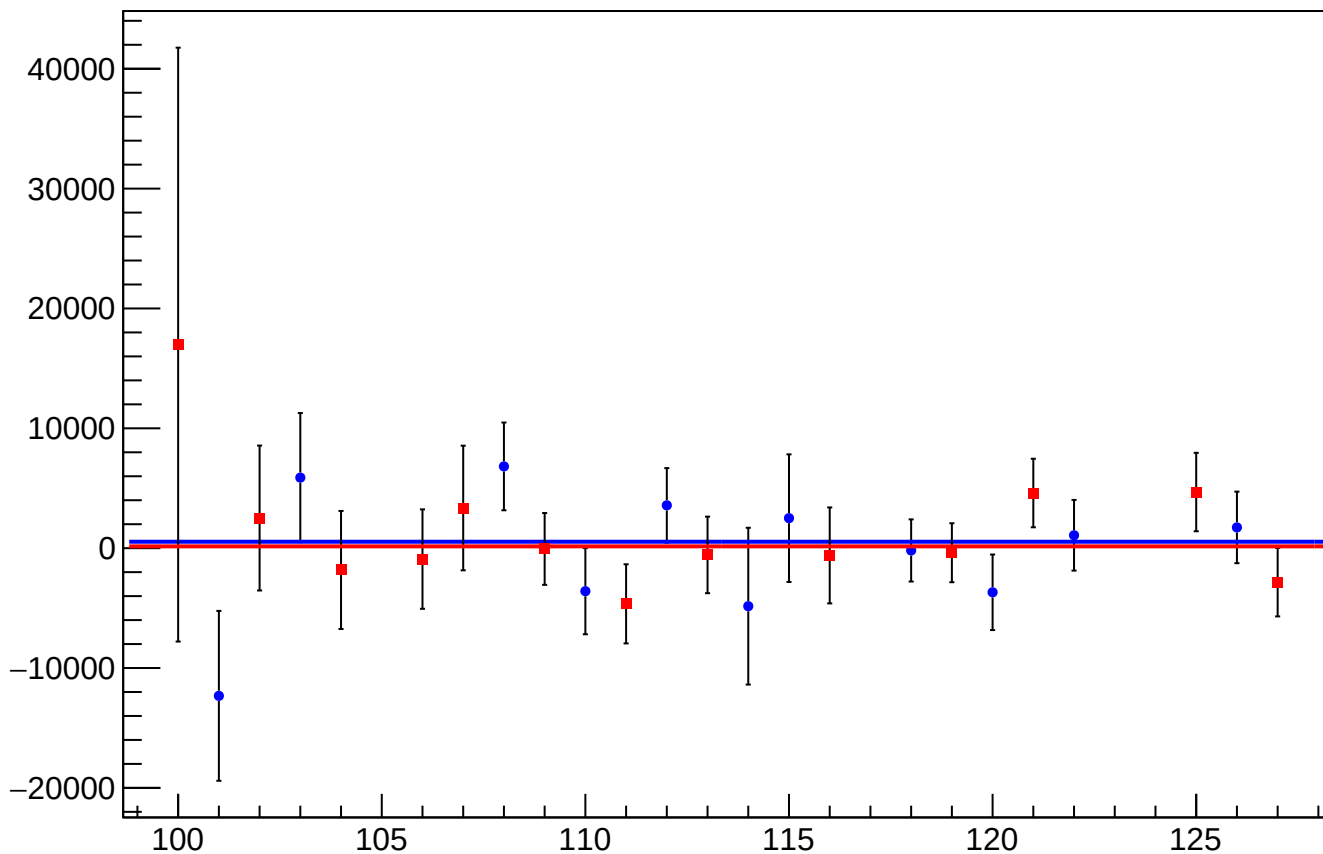
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 586.121+/-0.146 χ^2/NDF : 3143089.2/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: 537.643 $\pm$ 1087.626 χ^2 /NDF: 12.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 151.396 $\pm$ 984.188 χ^2 /NDF: 8.9/12

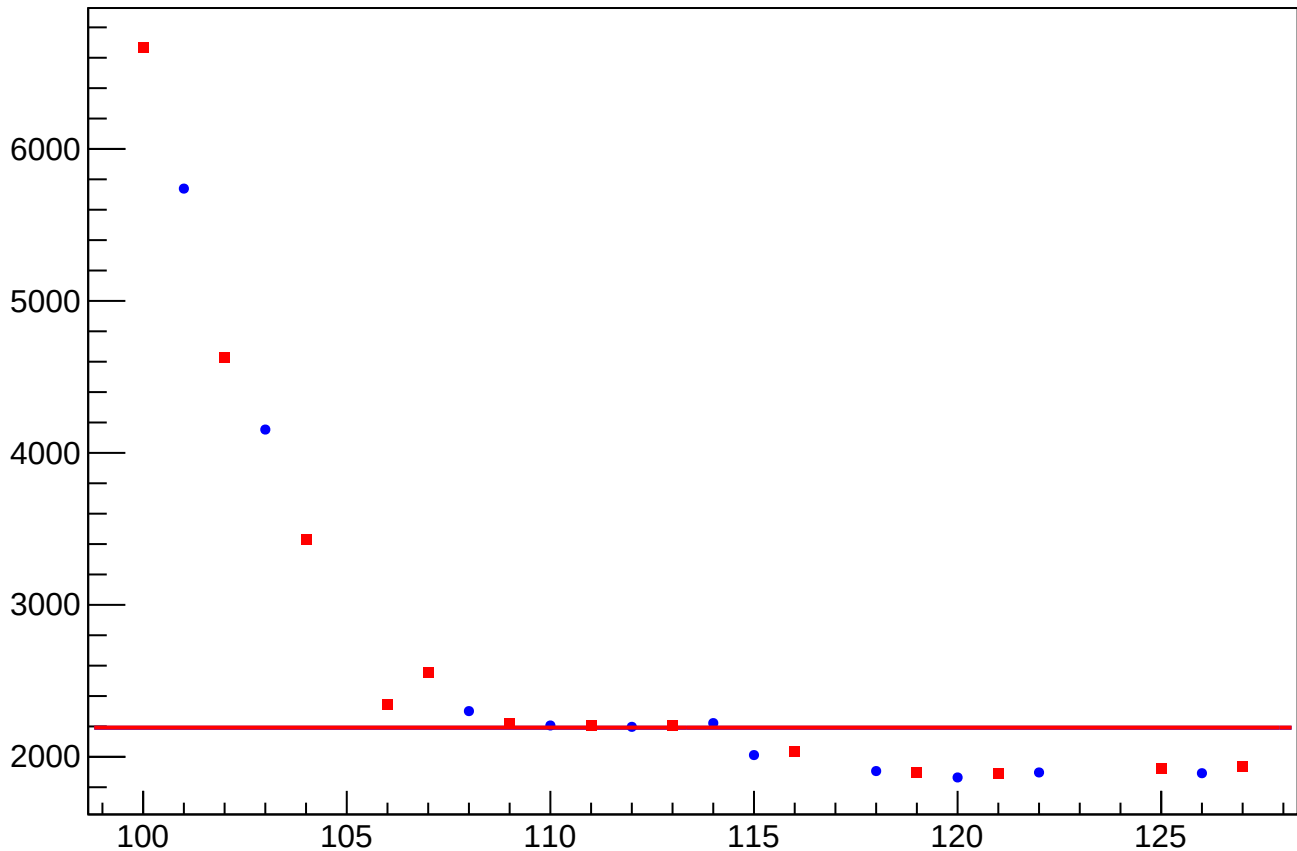
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 325.284 $\pm$ 729.762 χ^2 /NDF: 21.4/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 2191.211+/-0.769 χ^2/NDF : 856321.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2192.659+/-0.696 χ^2/NDF : 612531.8/12

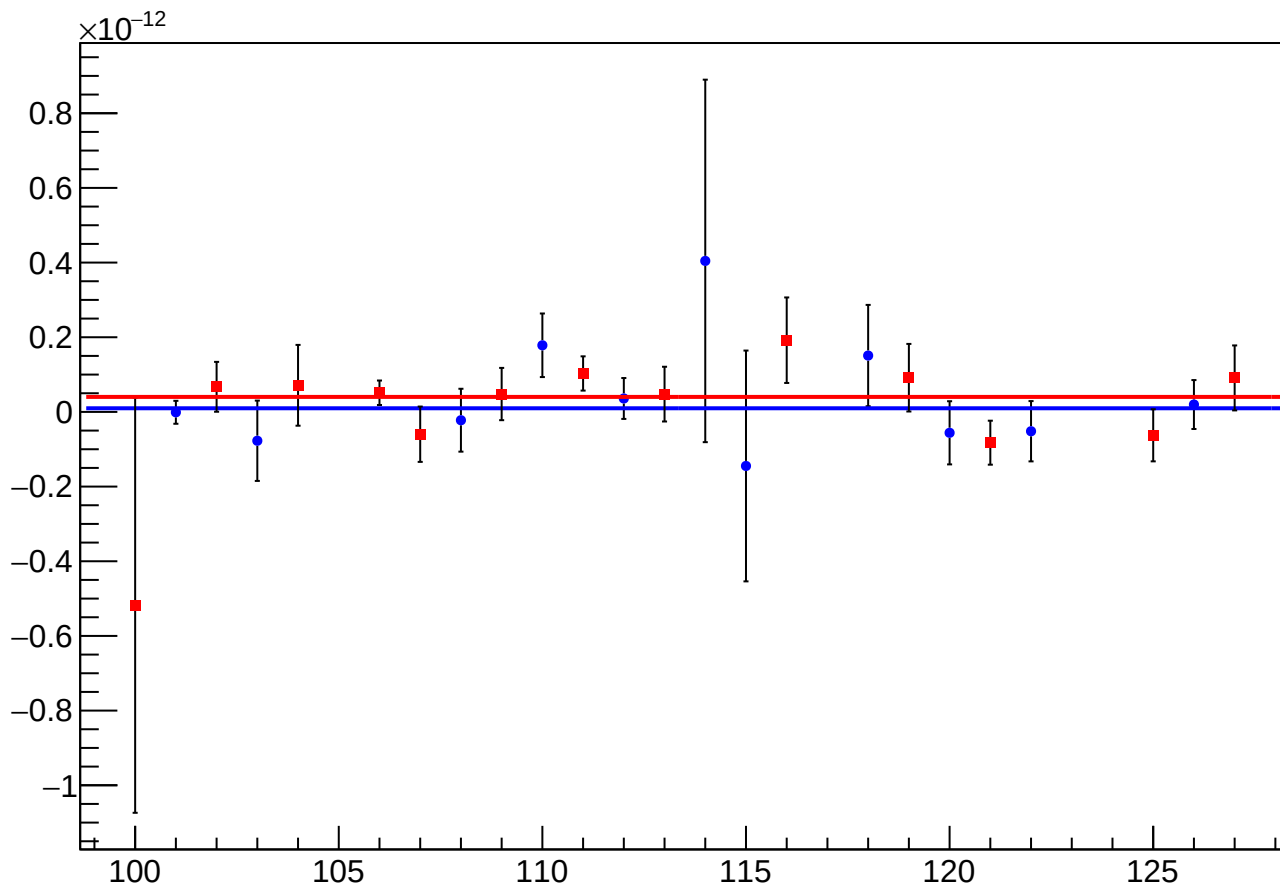
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2192.007+/-0.516 χ^2/NDF : 1468855.1/23

- 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 $\pm$ 0.000 χ^2 /NDF: 8.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.0/12

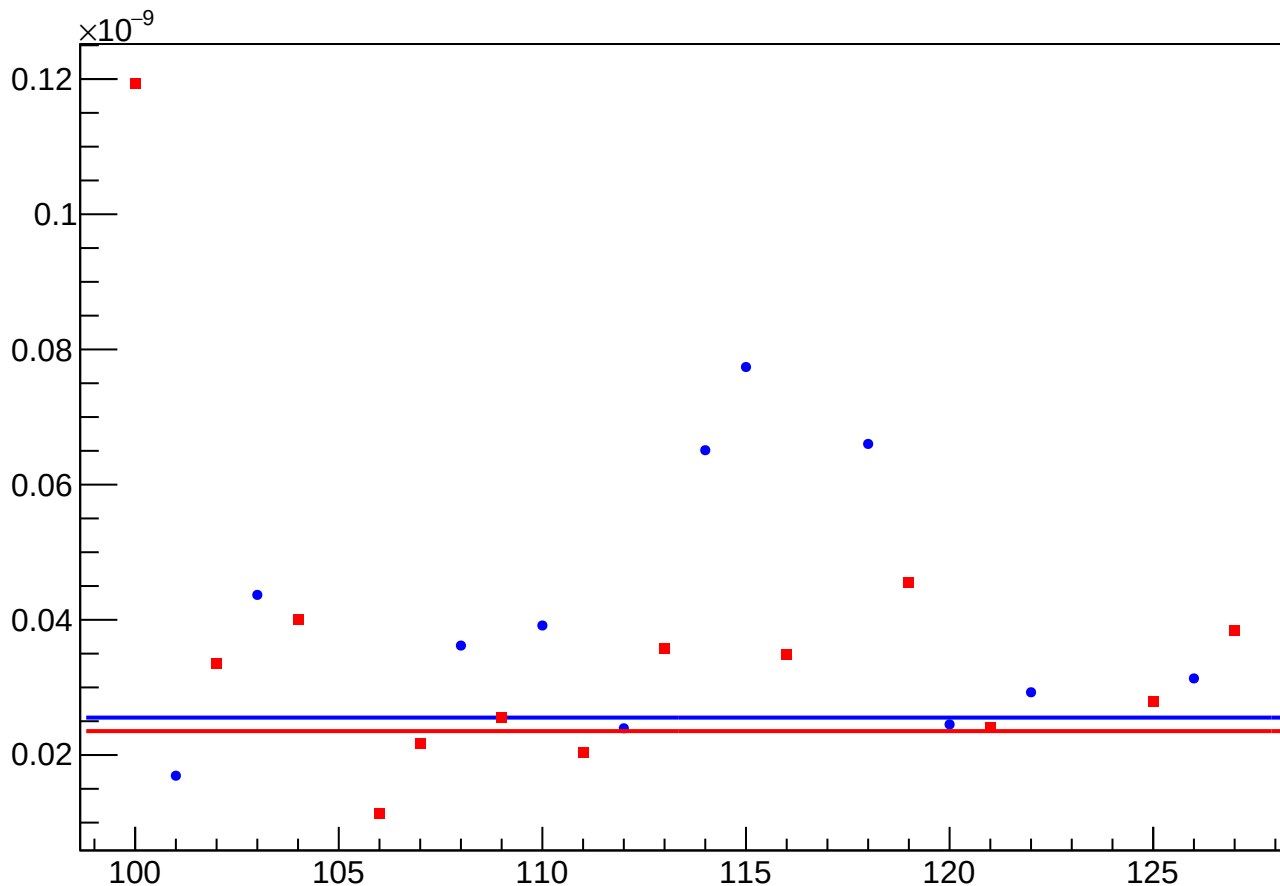
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.5/23

- sign 0.000 $\pm$ 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+/-0.000 χ^2/NDF : 566383.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 700604.5/12

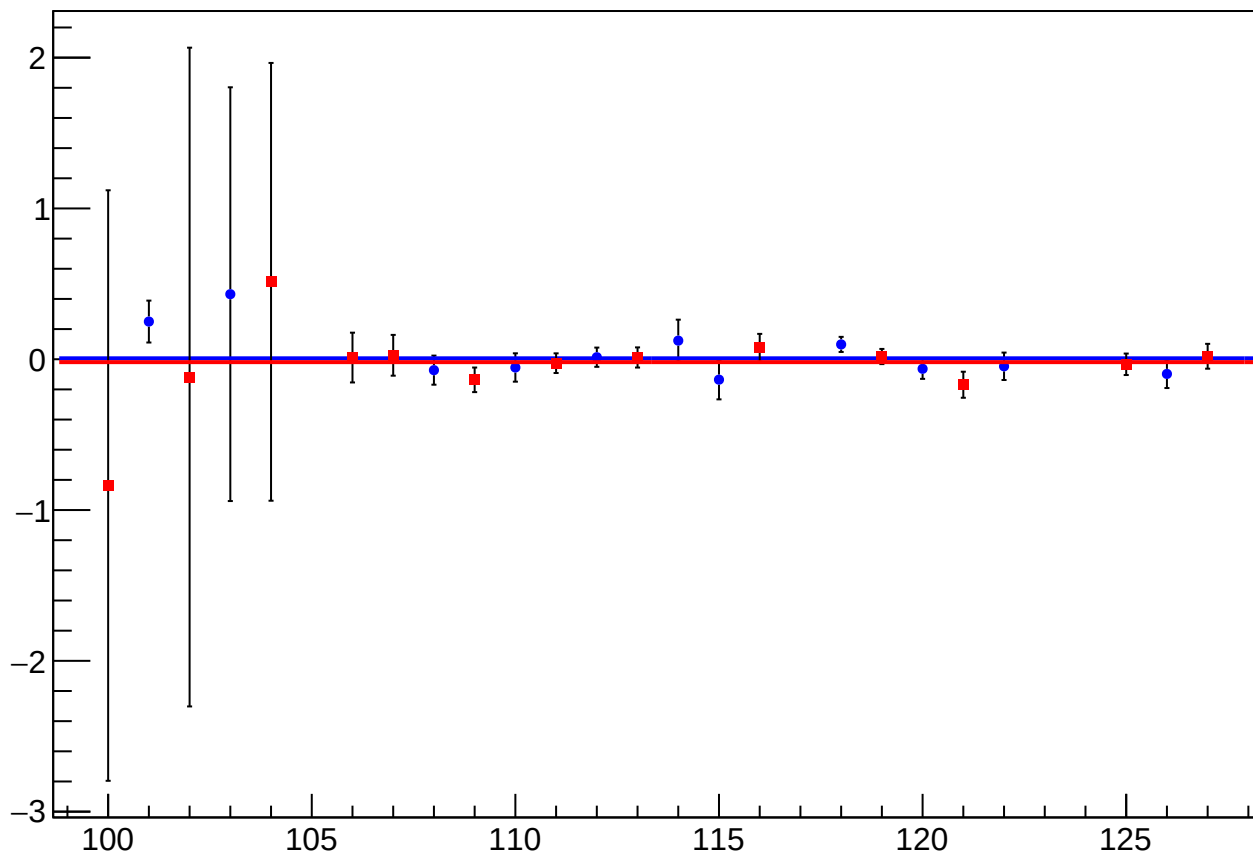
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1277692.5/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.006 $\pm$ 0.026 χ^2 /NDF: 12.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.019 $\pm$ 0.024 χ^2 /NDF: 7.7/12

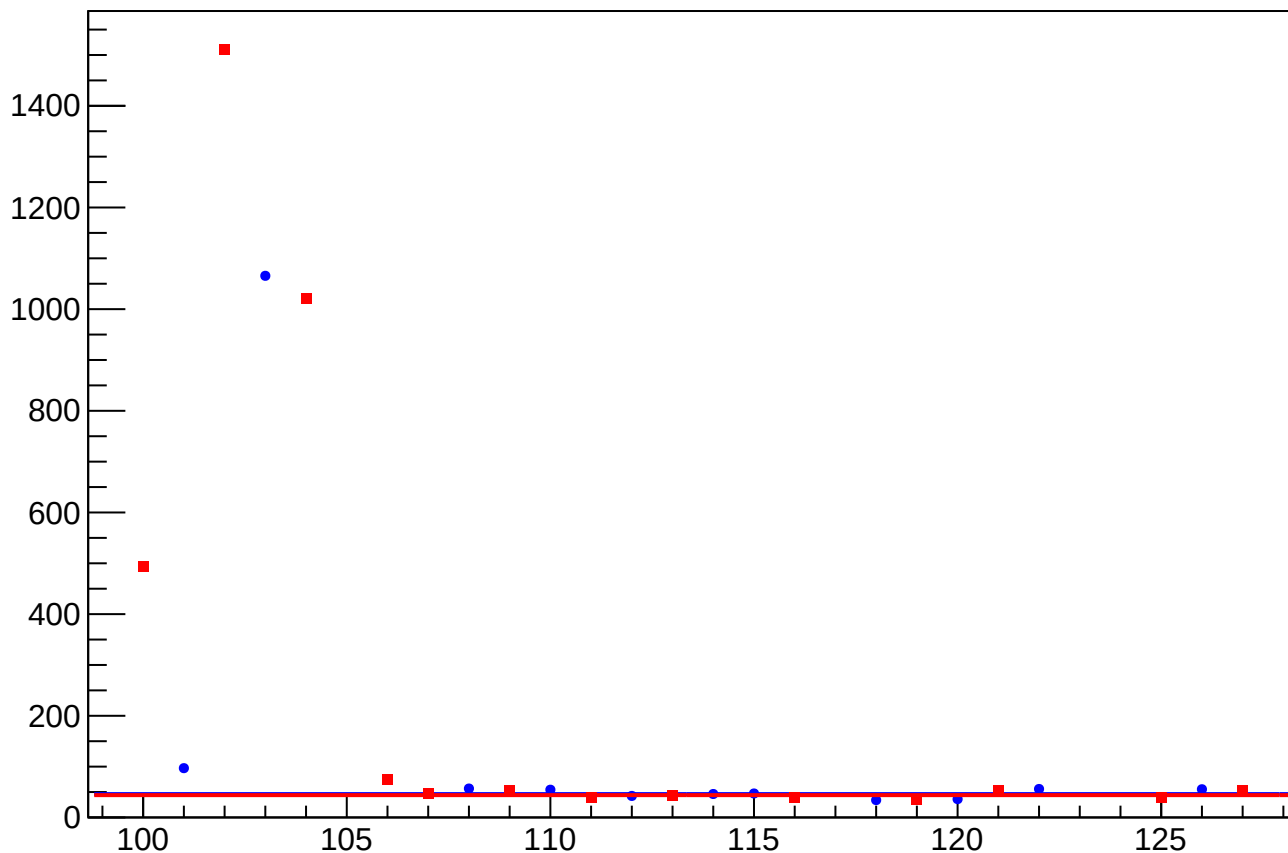
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.007 $\pm$ 0.018 χ^2 /NDF: 20.4/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_rms vs Slug



Right In: 45.926+/-0.018 χ^2/NDF : 1621959.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.924+/-0.017 χ^2/NDF : 2131168.7/12

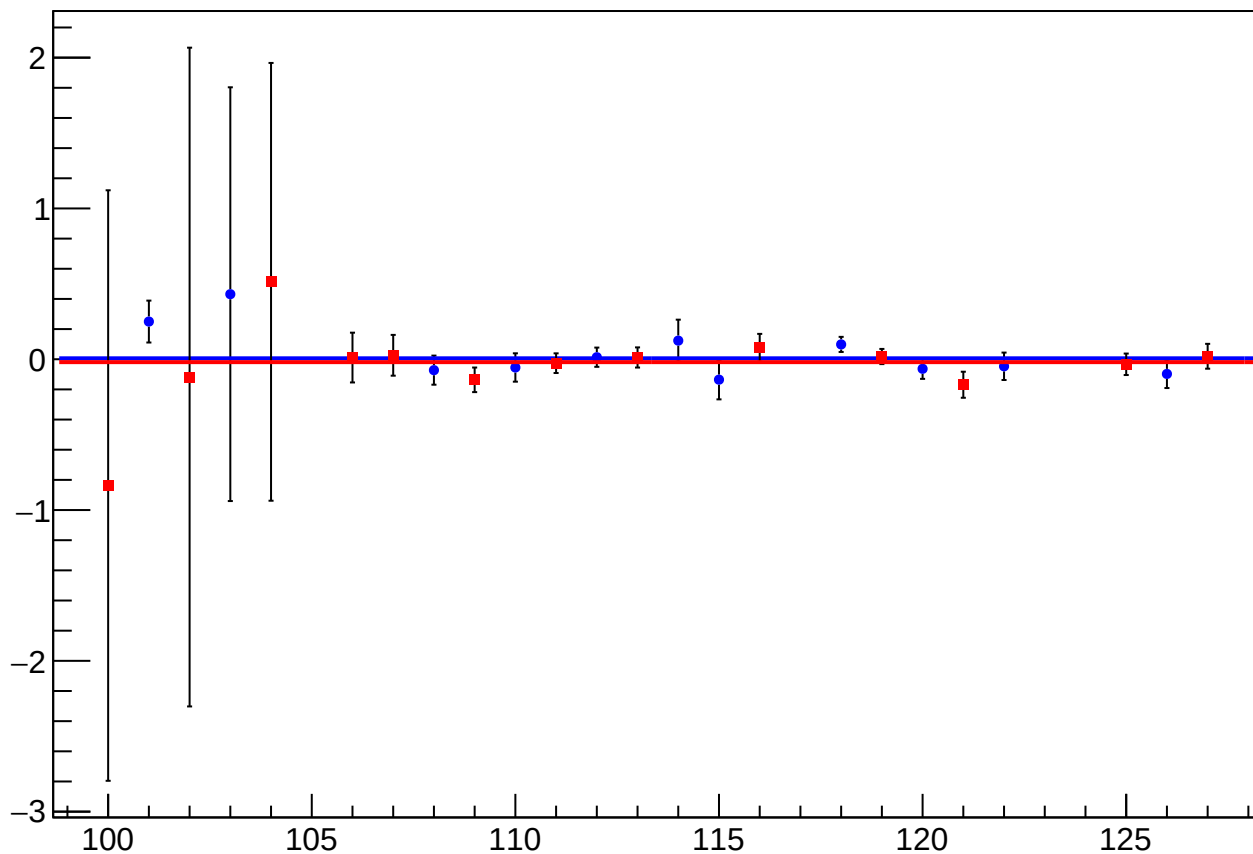
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.860+/-0.013 χ^2/NDF : 3759483.5/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.006+/-0.026 χ^2/NDF : 12.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.019+/-0.024 χ^2/NDF : 7.7/12

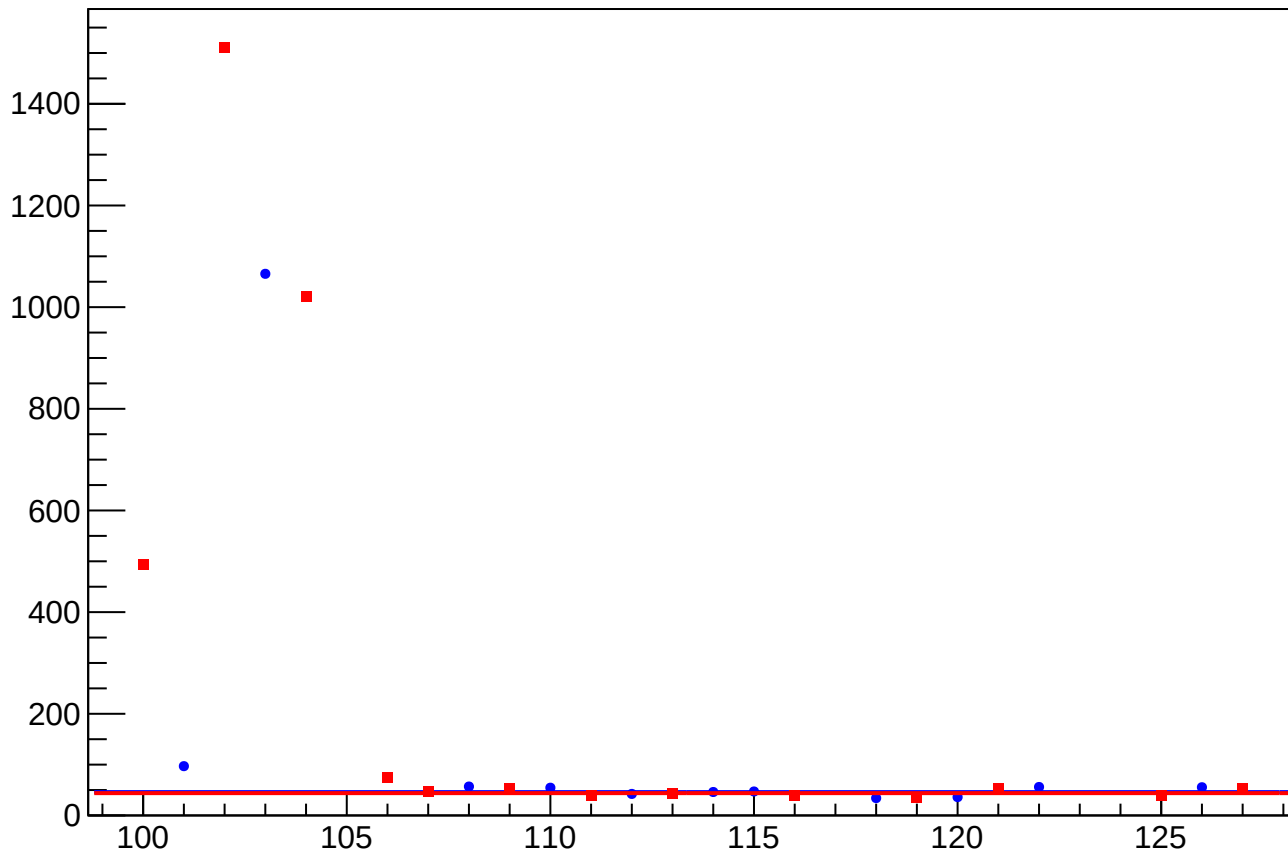
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.018 χ^2/NDF : 20.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 45.926+/-0.018 χ^2/NDF : 1621959.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.924+/-0.017 χ^2/NDF : 2131168.7/12

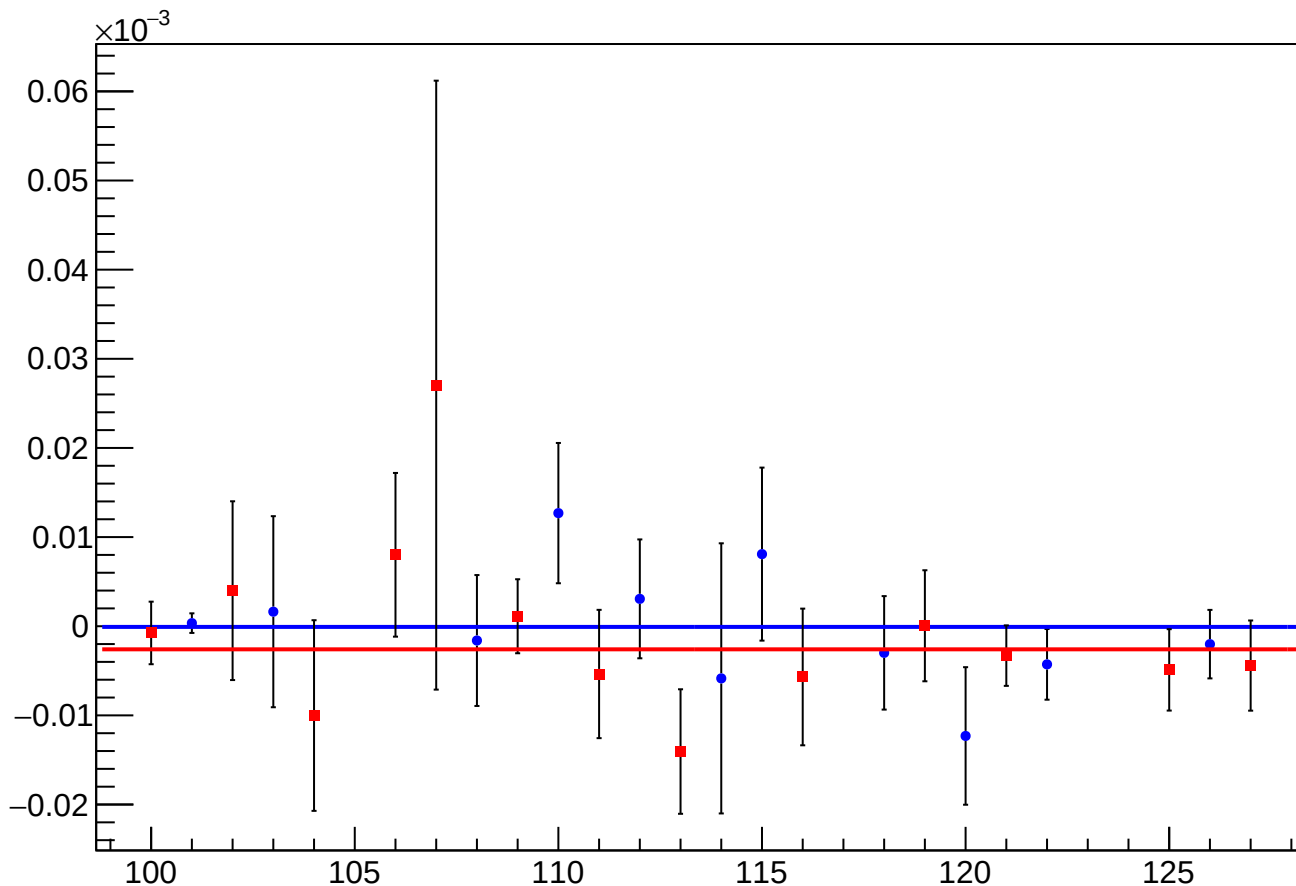
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.860+/-0.013 χ^2/NDF : 3759483.5/23

- 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 : 8.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.7/12

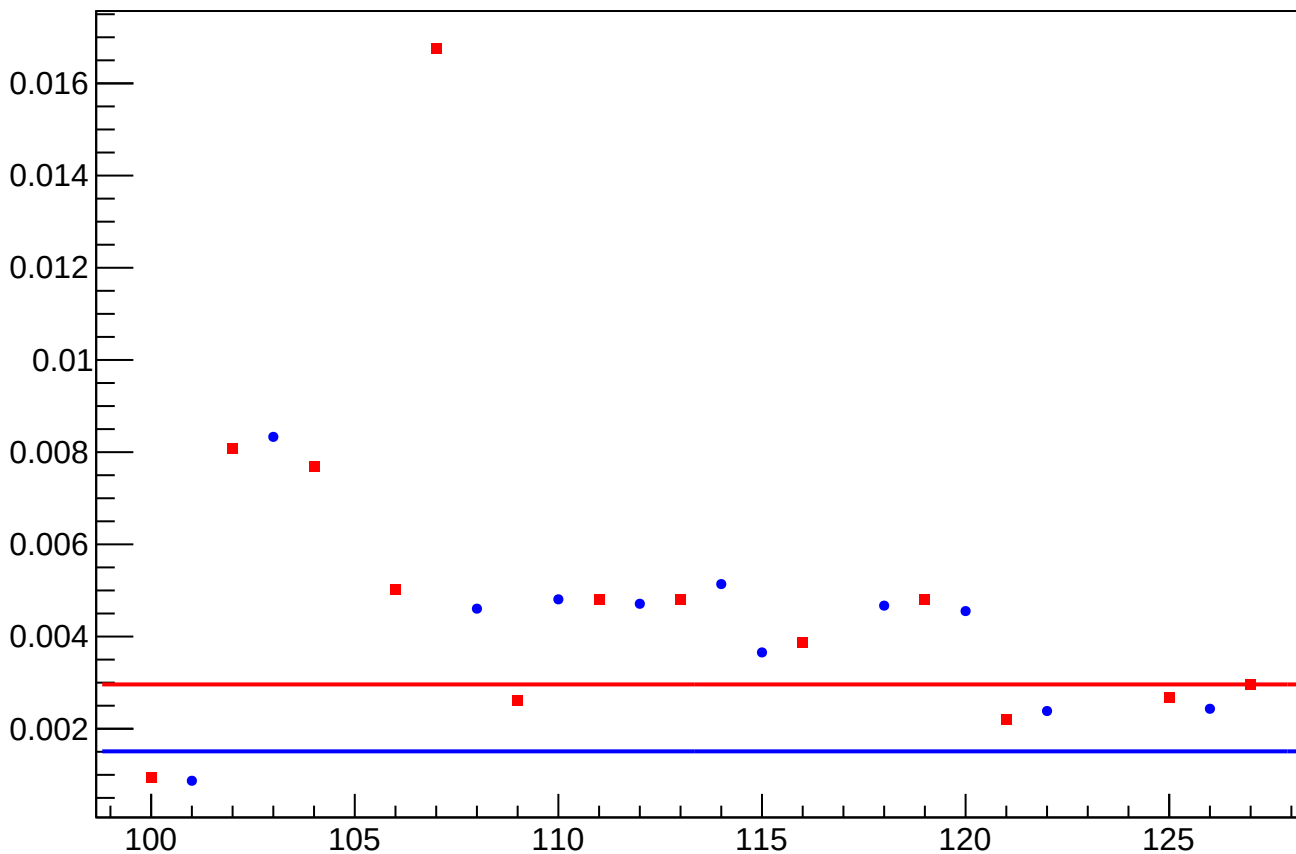
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.6/23

- 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: 0.002+/-0.000 χ^2/NDF : 3881590.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2597187.4/12

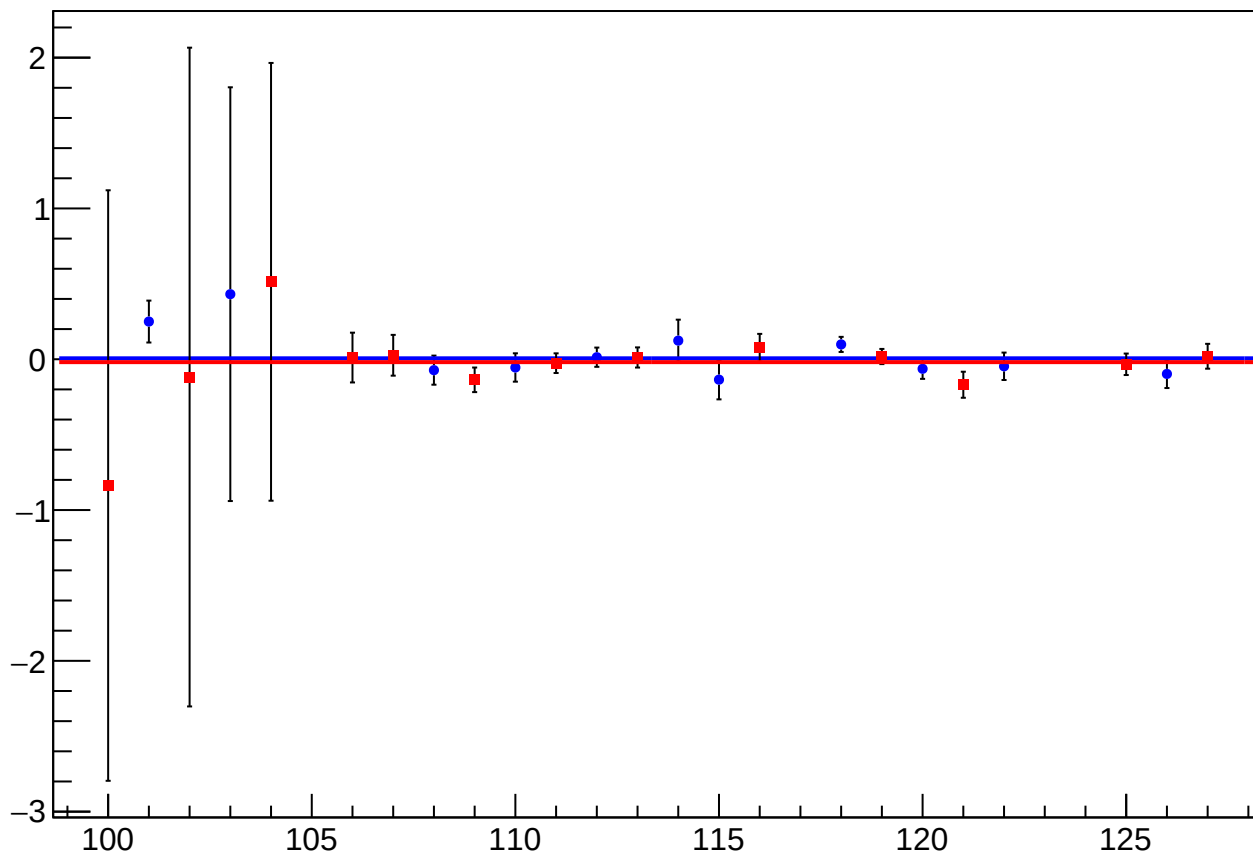
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 7769846.6/23

- 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: 0.006 $\pm$ 0.026 χ^2 /NDF: 12.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.019 $\pm$ 0.024 χ^2 /NDF: 7.7/12

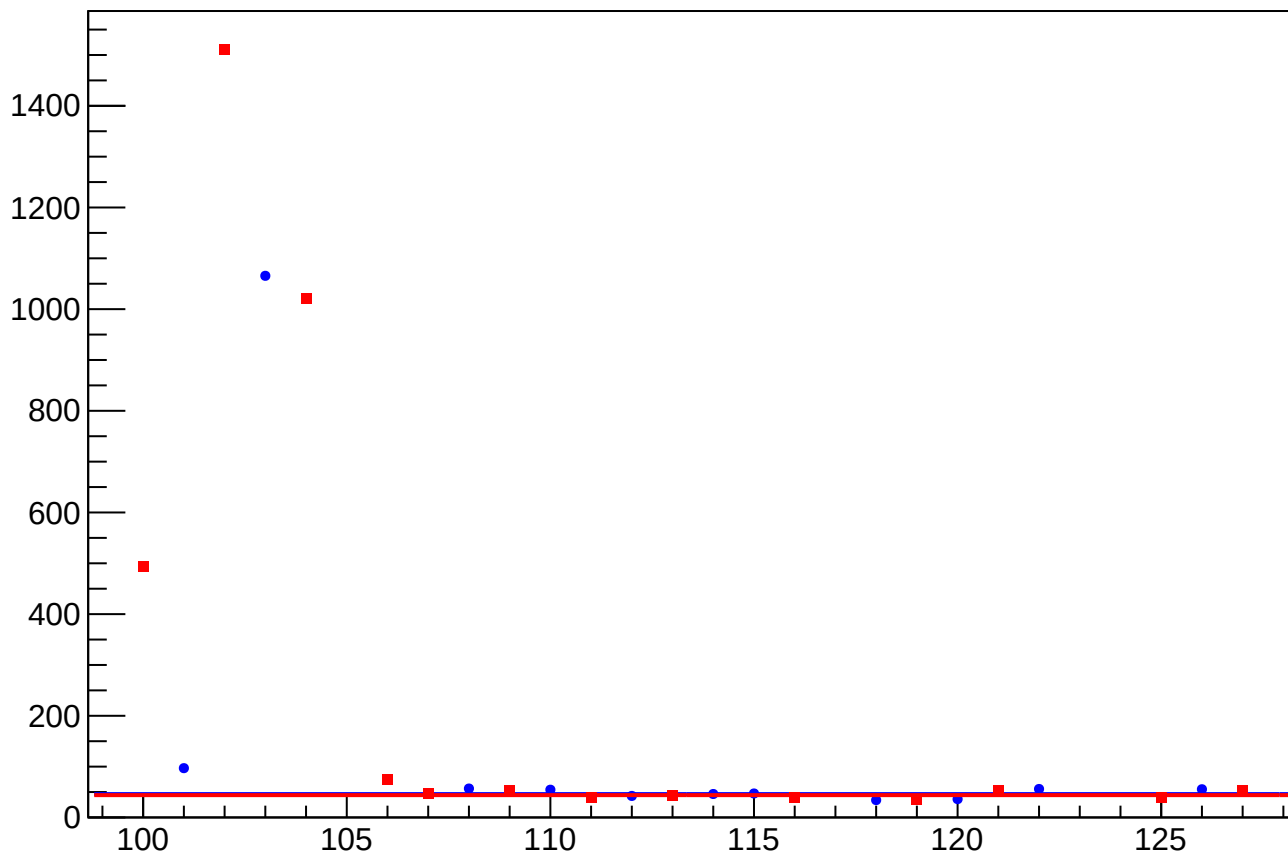
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.007 $\pm$ 0.018 χ^2 /NDF: 20.4/23

- 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: 45.927+/-0.018 χ^2/NDF : 1621926.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.923+/-0.017 χ^2/NDF : 2131203.0/12

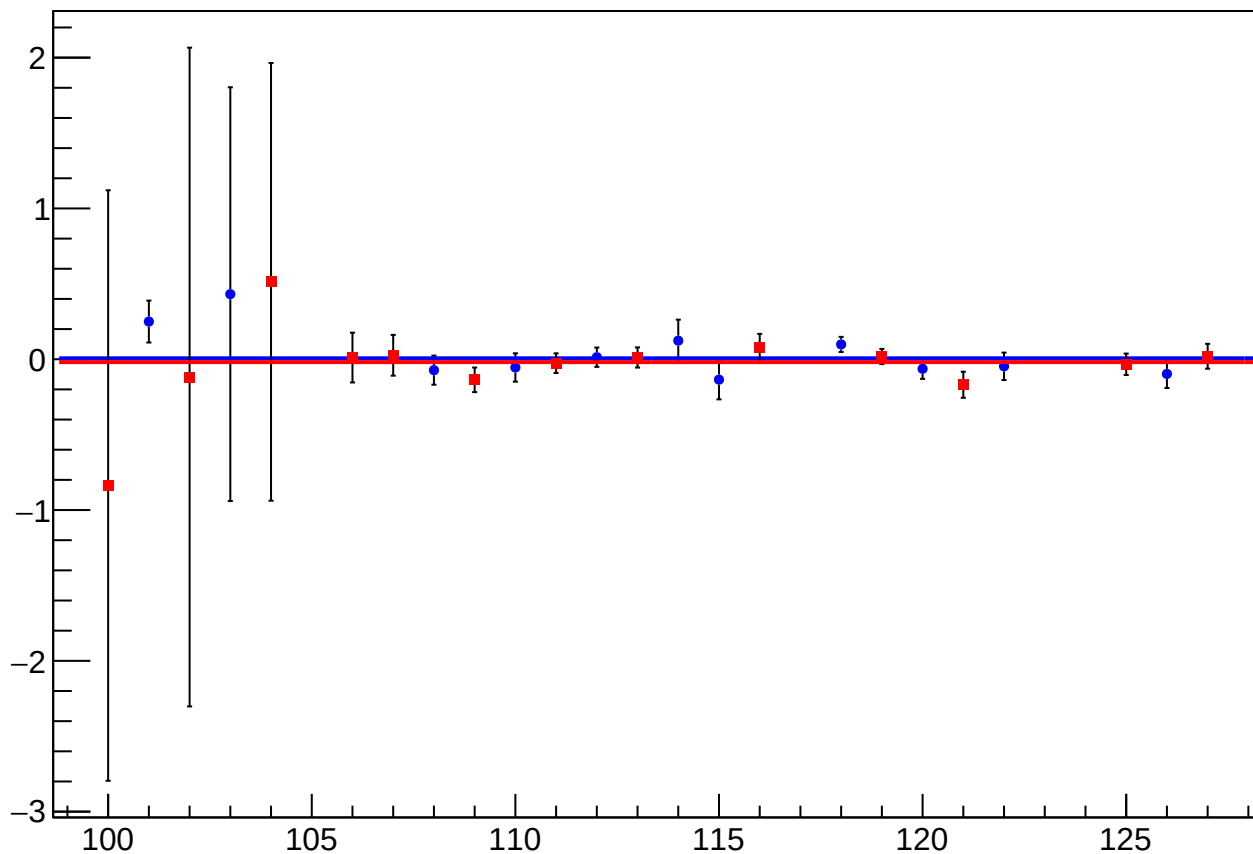
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.860+/-0.013 χ^2/NDF : 3759494.8/23

- 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: 0.006 $\pm$ 0.026 χ^2 /NDF: 12.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.019 $\pm$ 0.024 χ^2 /NDF: 7.7/12

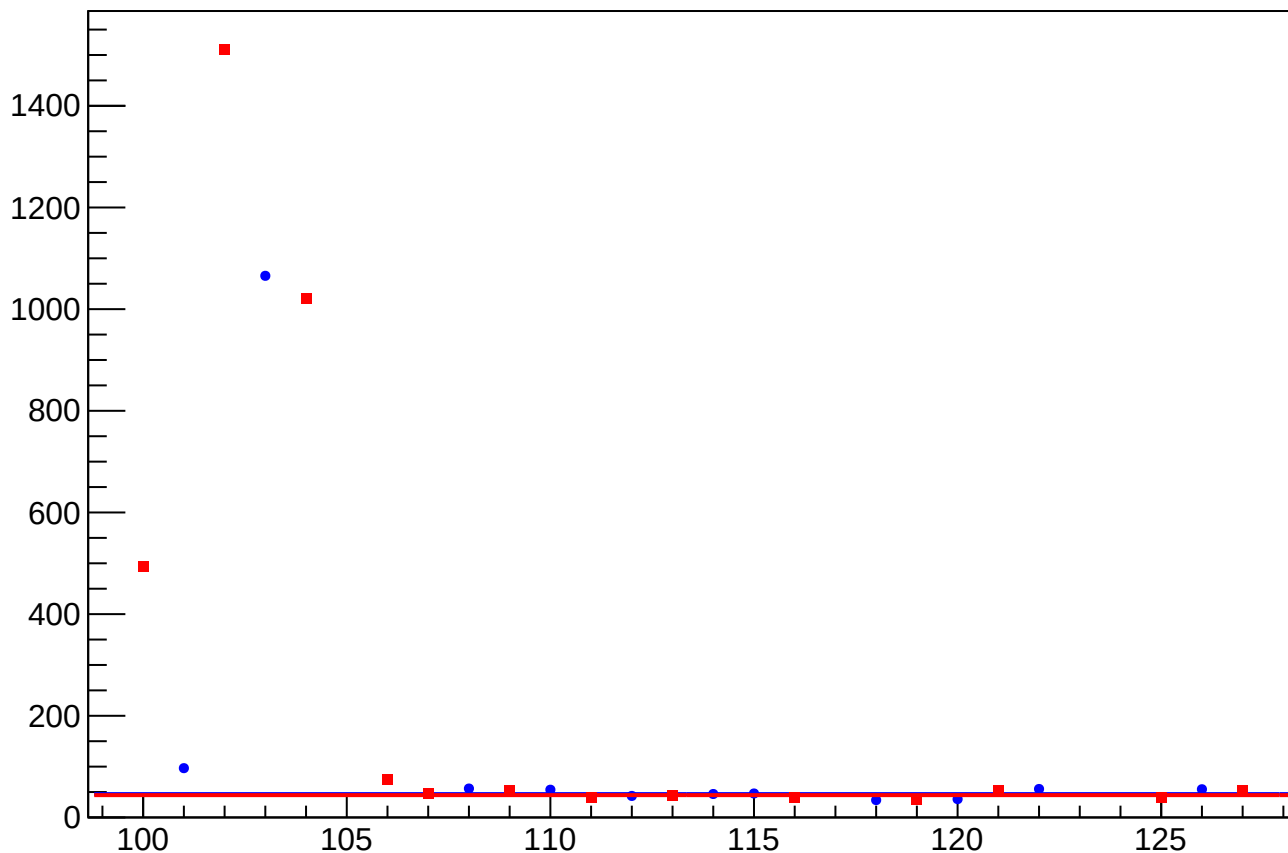
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.007 $\pm$ 0.018 χ^2 /NDF: 20.4/23

- 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: 45.927+/-0.018 χ^2/NDF : 1621926.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.923+/-0.017 χ^2/NDF : 2131203.0/12

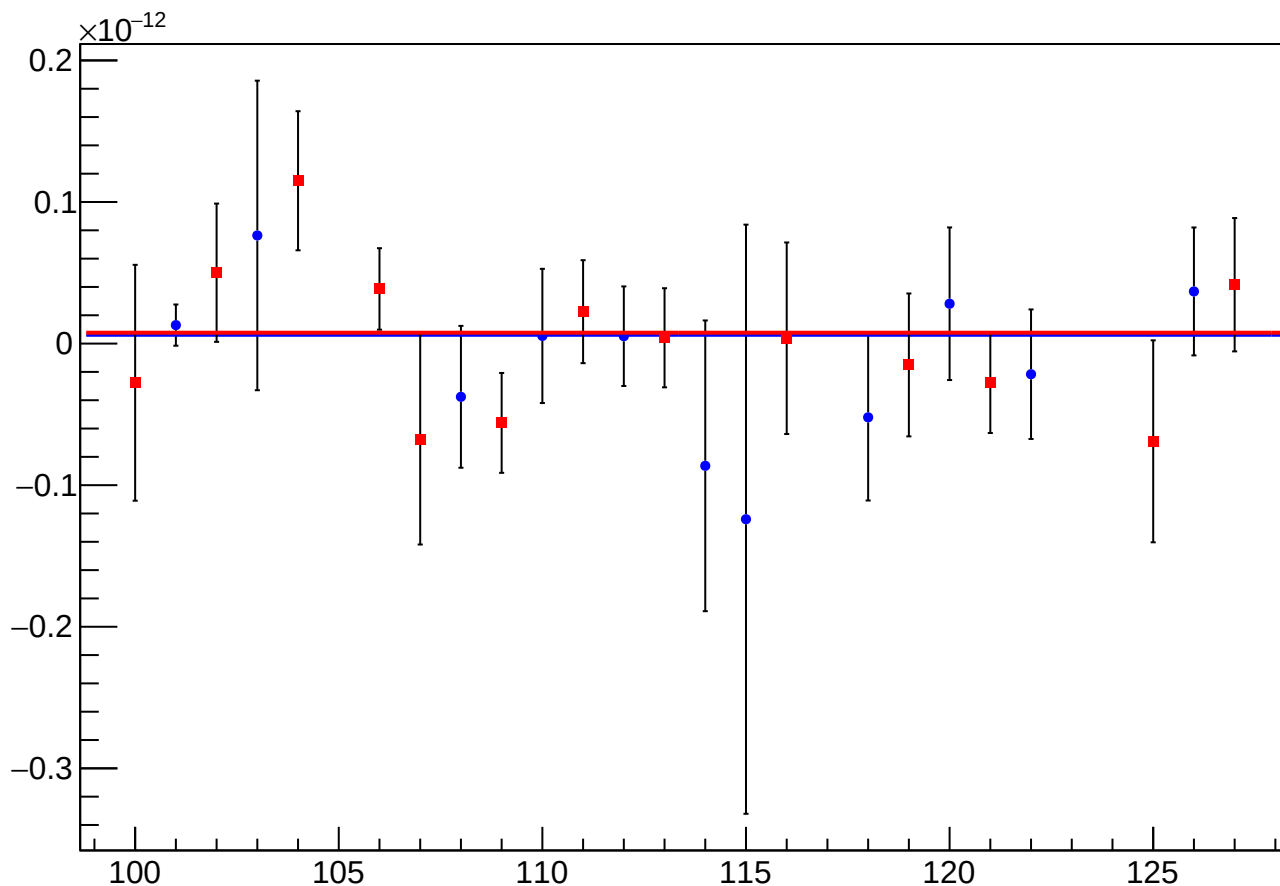
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.860+/-0.013 χ^2/NDF : 3759494.8/23

- 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: 4.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.2/12

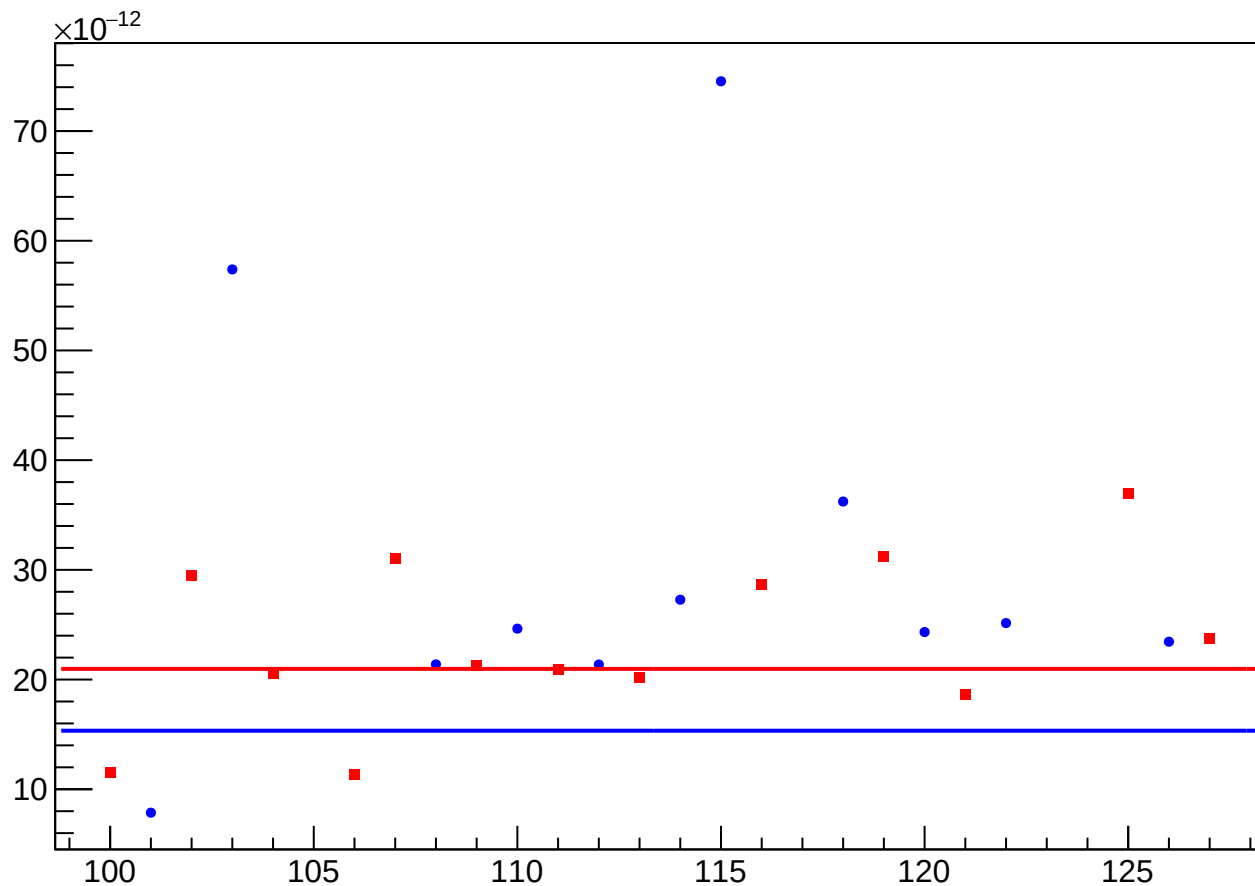
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.8/23

- 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 : 1642310.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 571714.1/12

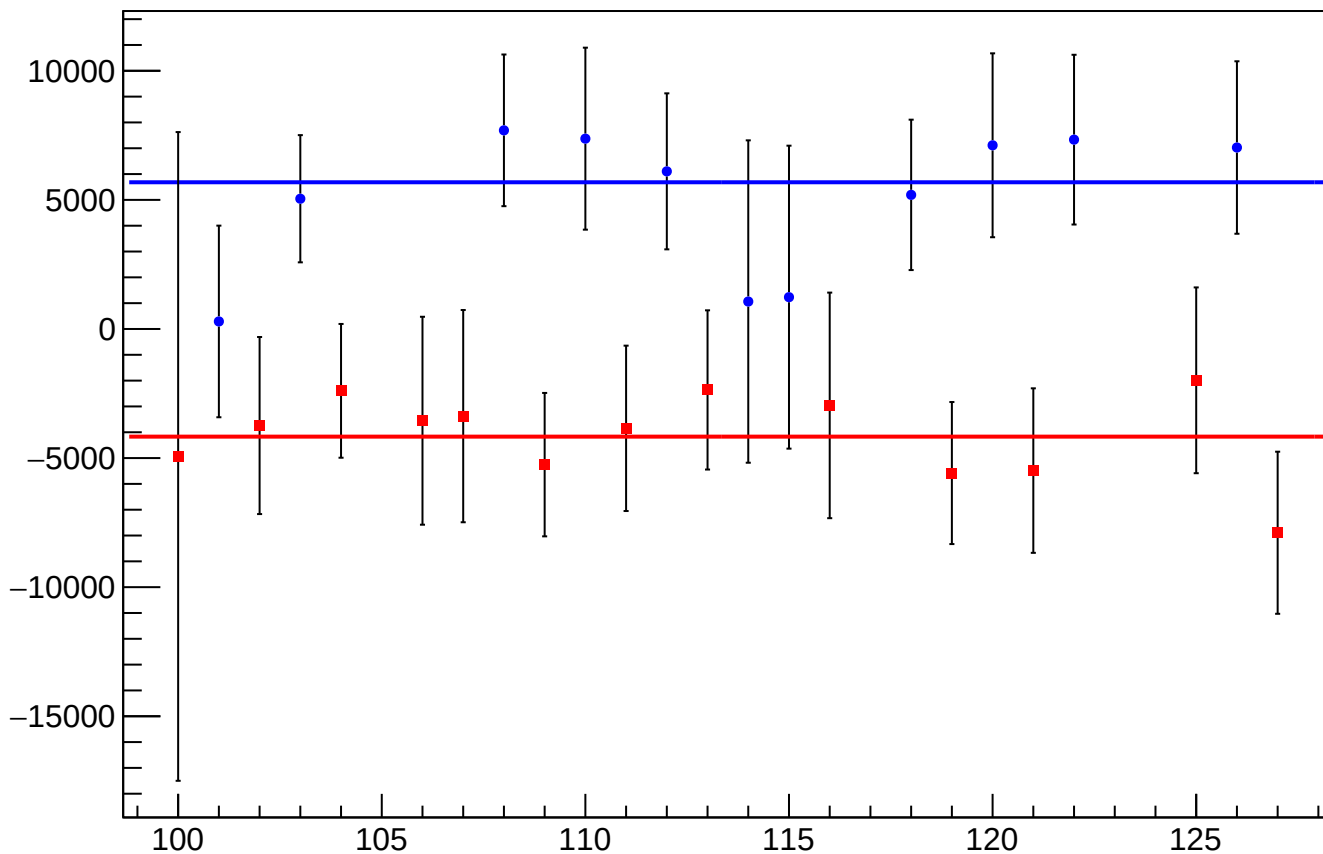
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2449943.9/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_avg_mean vs Slug



Right In: 5682.399+/-1011.724 χ^2/NDF : 4.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4169.582+/-930.334 χ^2/NDF : 3.3/12

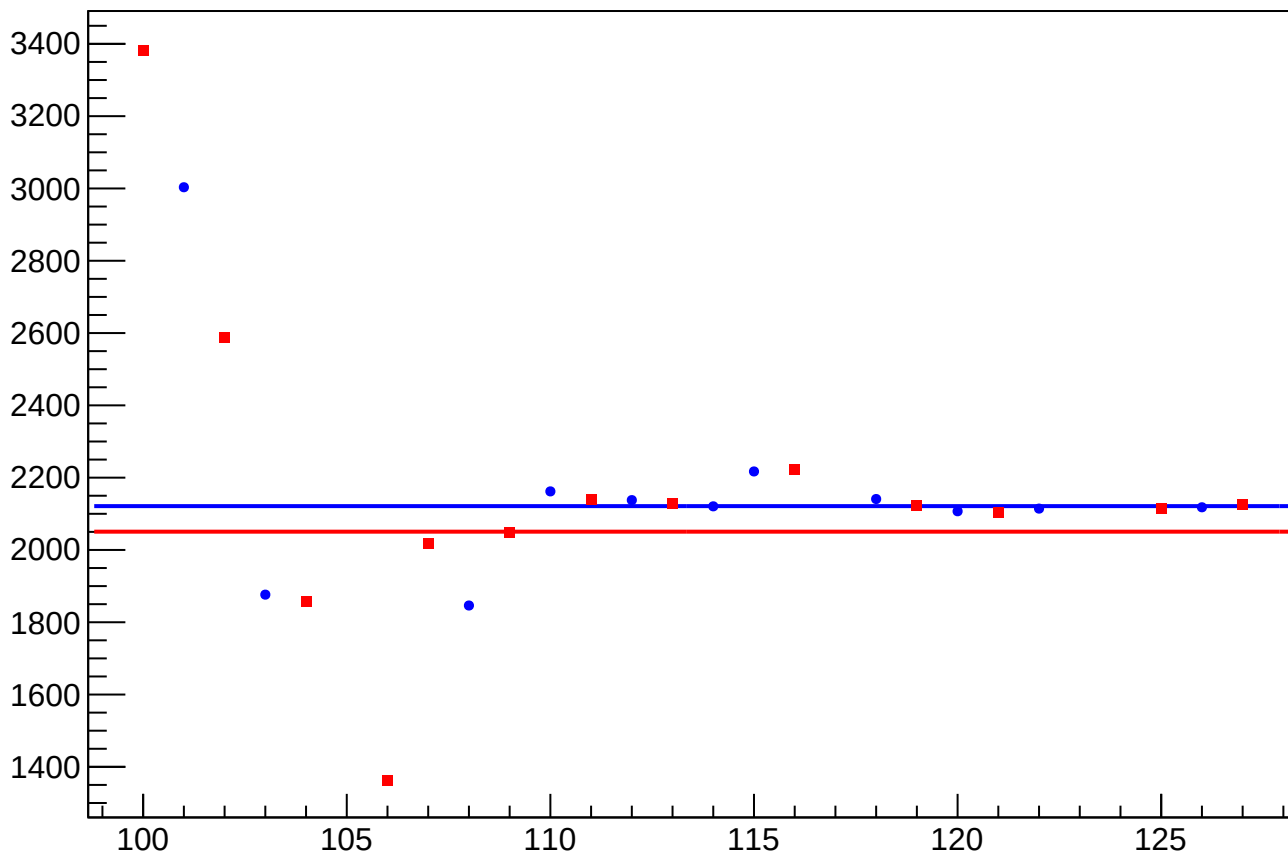
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 344.242+/-684.814 χ^2/NDF : 59.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2121.248+/-0.715 χ^2/NDF : 151292.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

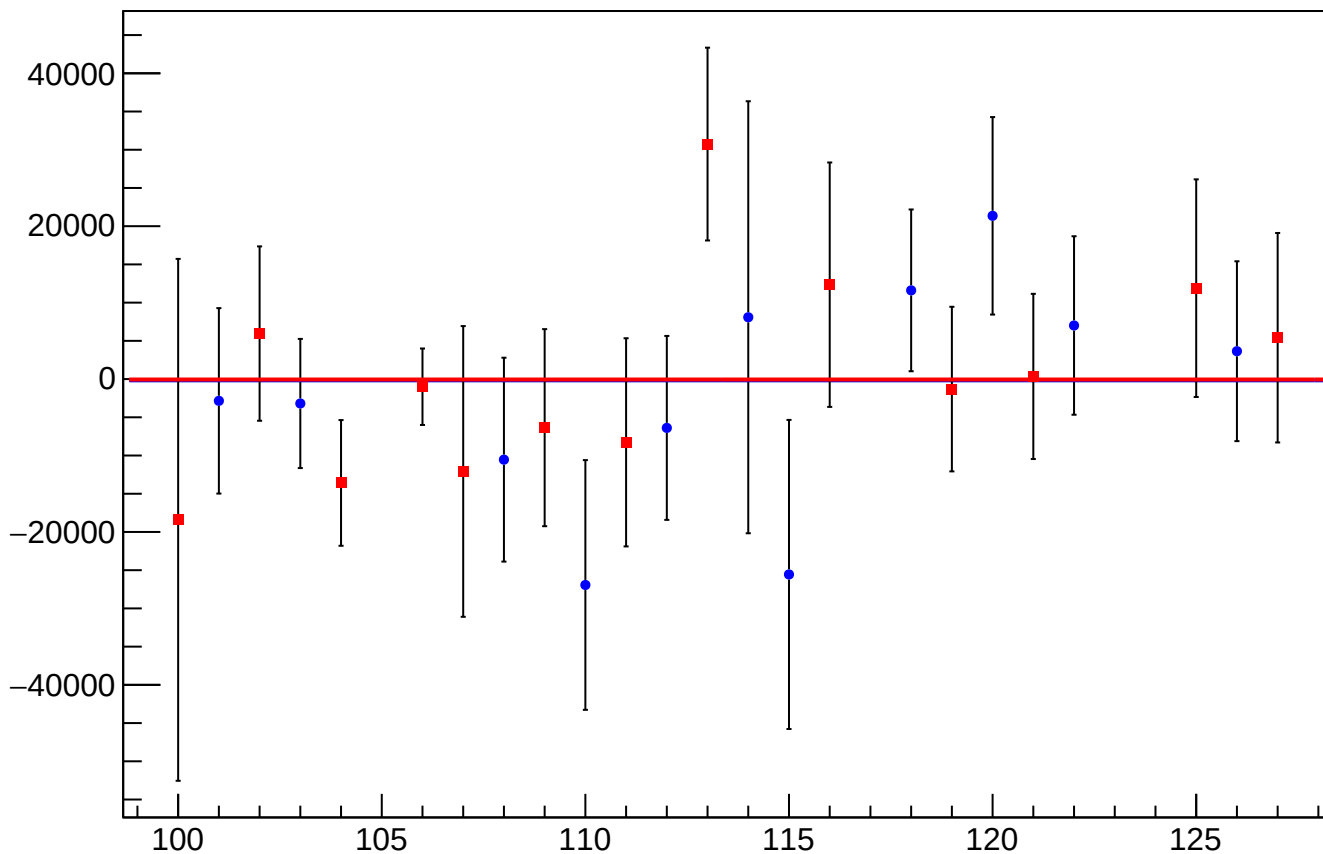
Right Out: 2050.575+/-0.644 χ^2/NDF : 197647.9/12

All: 2082.217+/-0.479 χ^2/NDF : 354330.4/23

- 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_avg_reg_correction_mean vs Slug



Right In: -162.363+/-3772.079 χ^2/NDF : 9.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -57.261+/-2946.593 χ^2/NDF : 11.8/12

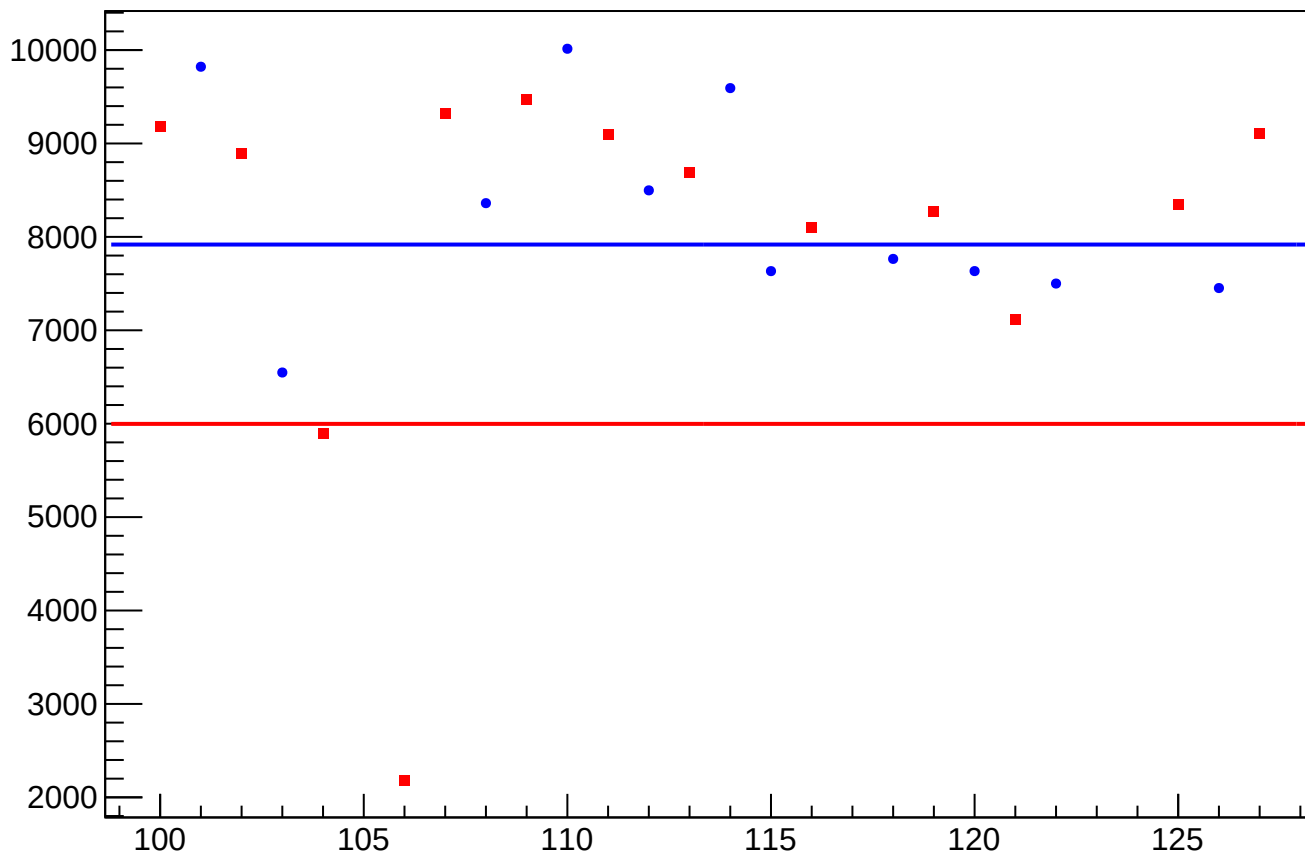
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -97.091+/-2322.090 χ^2/NDF : 21.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_reg_correction_rms vs Slug



Right In: 7917.953+/-2.667 χ^2/NDF : 156159.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

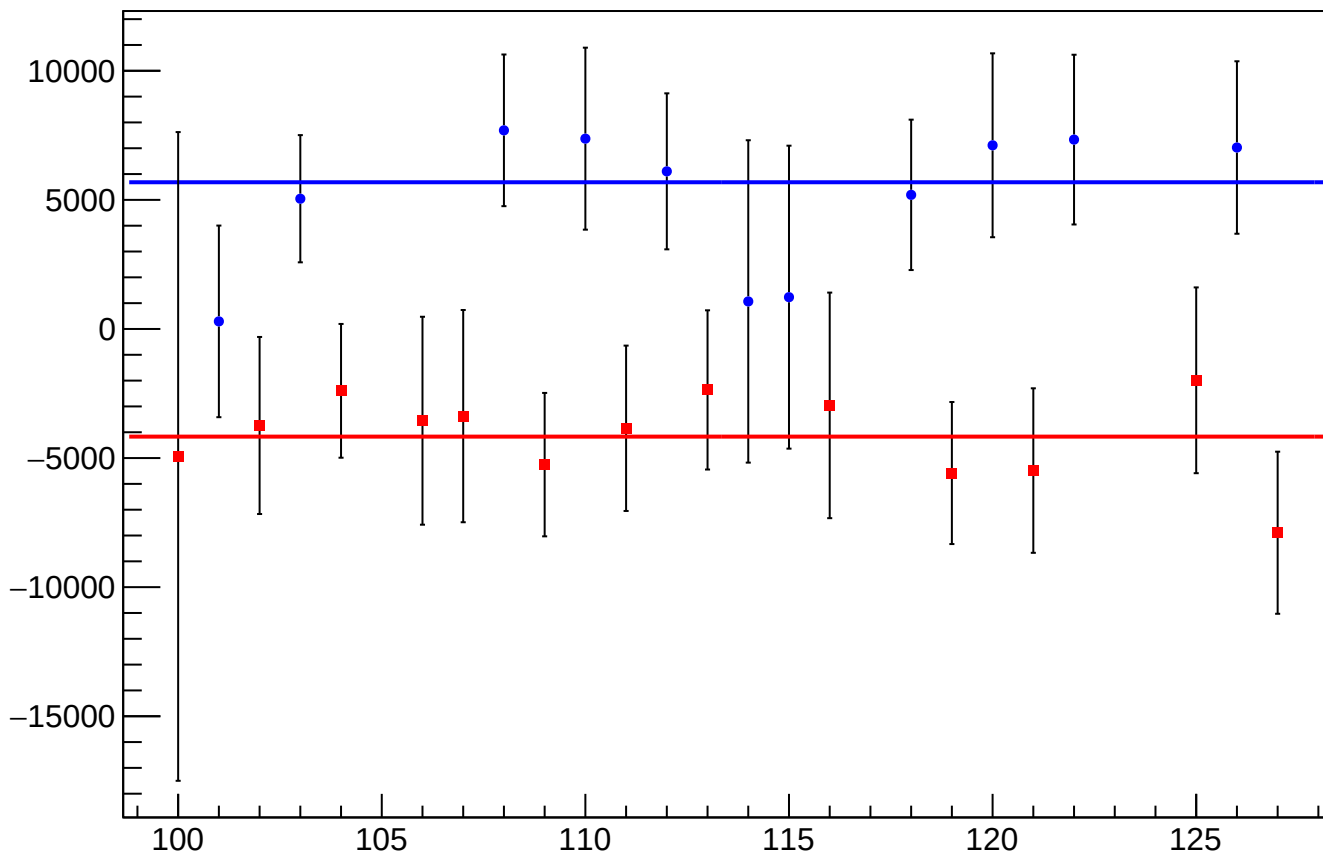
Right Out: 5997.998+/-2.084 χ^2/NDF : 2015614.2/12

All: 6725.590+/-1.642 χ^2/NDF : 2493559.9/23

- 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: 5682.752 $\pm$ 1011.724 χ^2 /NDF: 4.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4169.282 $\pm$ 930.334 χ^2 /NDF: 3.3/12

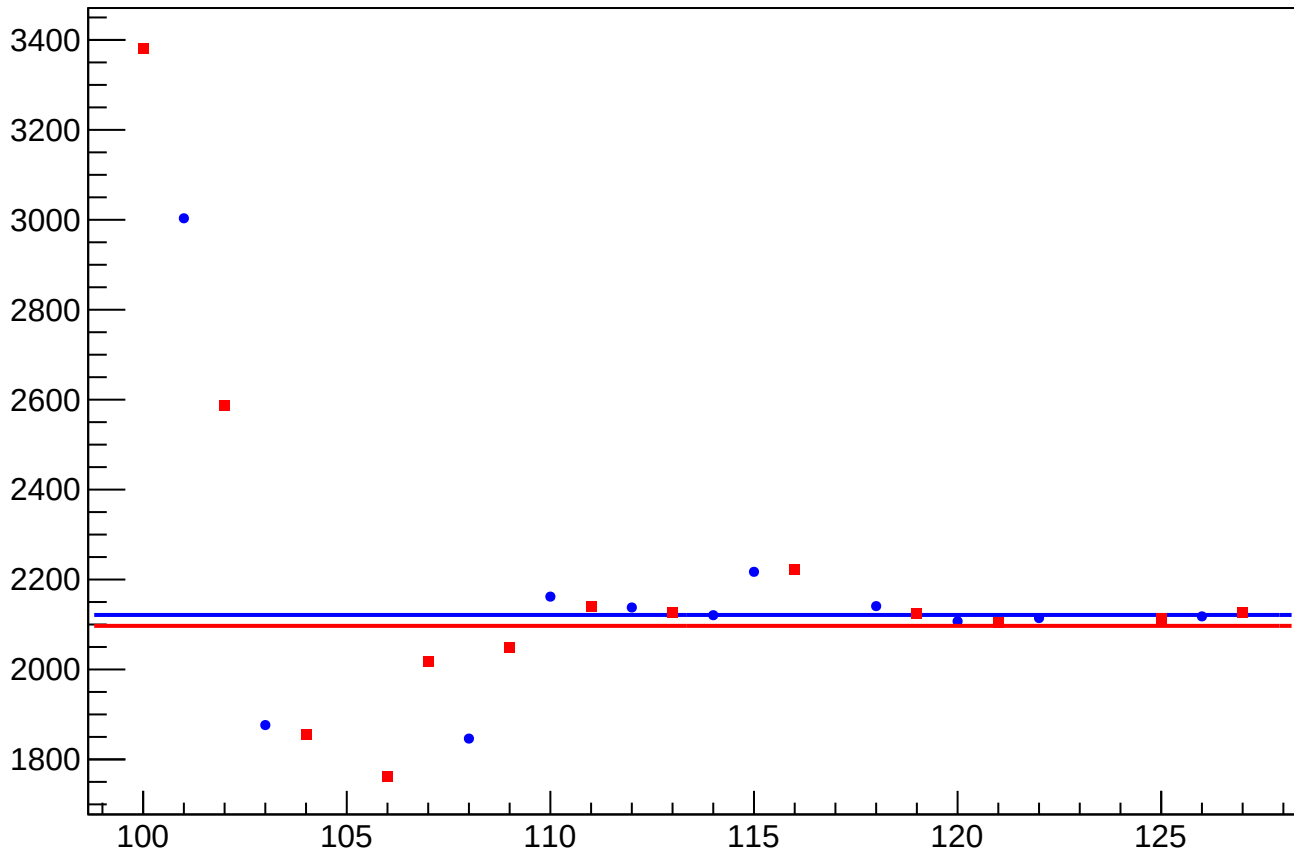
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 344.566 $\pm$ 684.814 χ^2 /NDF: 59.3/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2121.248+/-0.715 χ^2/NDF : 151292.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2096.958+/-0.654 χ^2/NDF : 100297.2/12

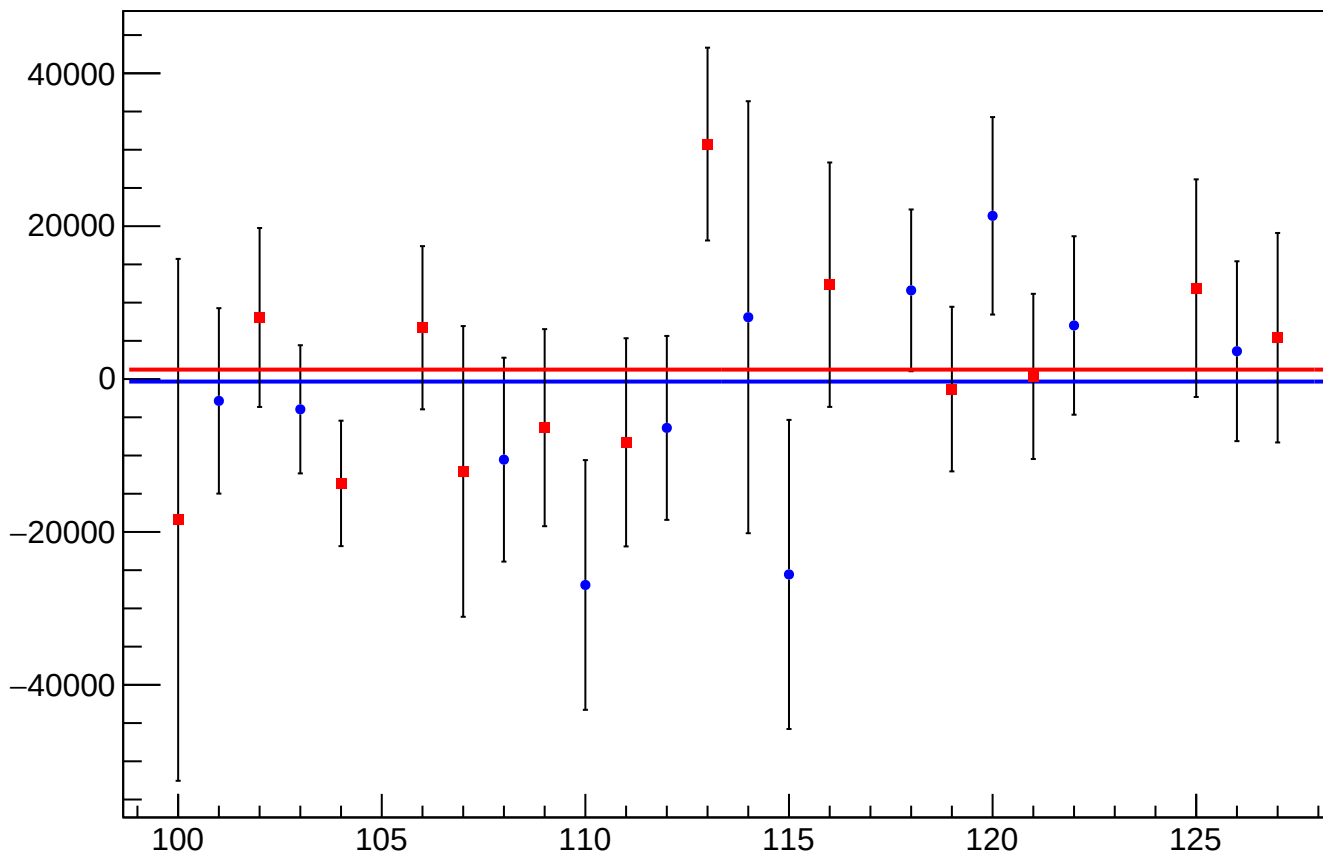
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2108.008+/-0.483 χ^2/NDF : 252218.5/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_cor_correction_mean vs Slug



Right In: -325.754+/-3766.302 χ^2/NDF : 10.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1238.561+/-3457.894 χ^2/NDF : 12.2/12

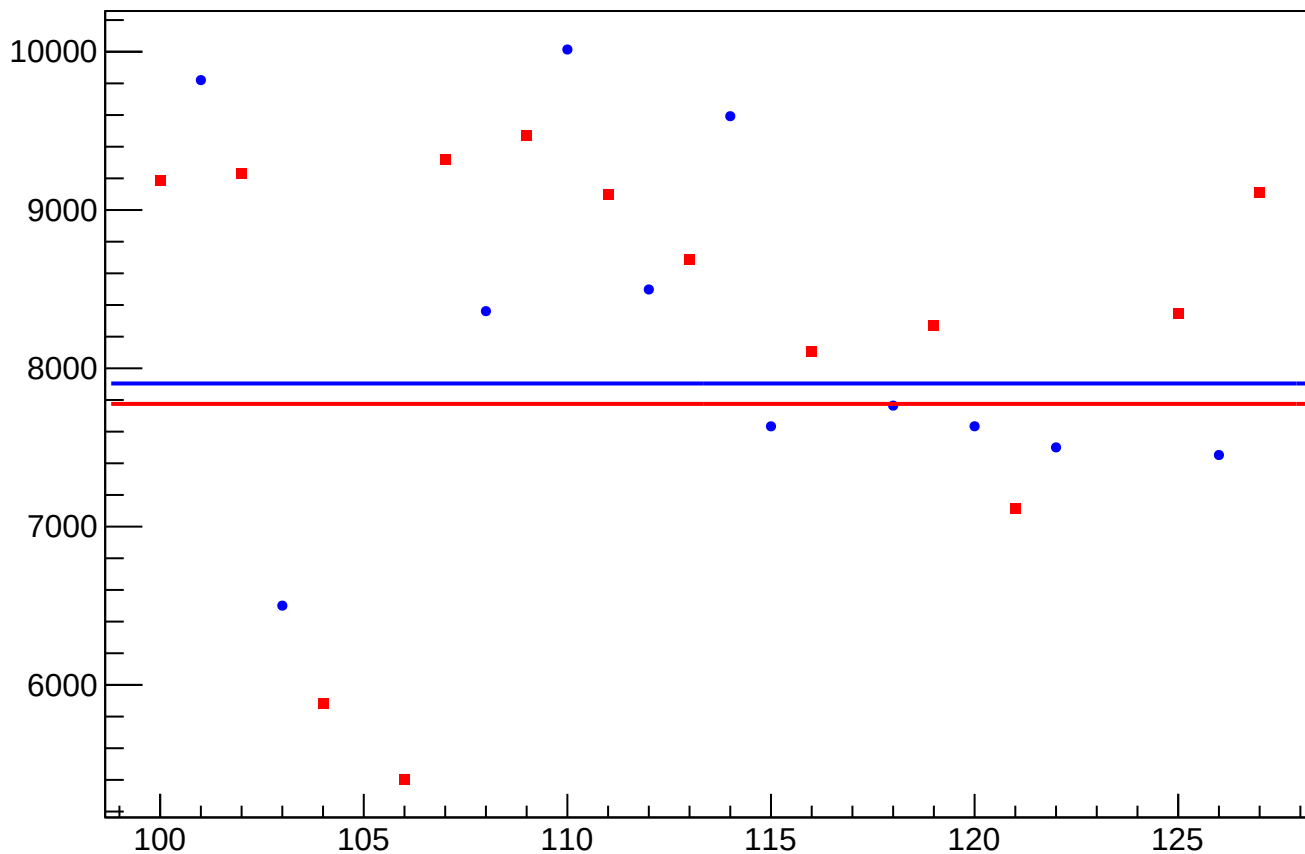
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 523.064+/-2547.164 χ^2/NDF : 22.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_cor_correction_rms vs Slug



Right In: 7904.175+/-2.663 χ^2/NDF : 160655.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

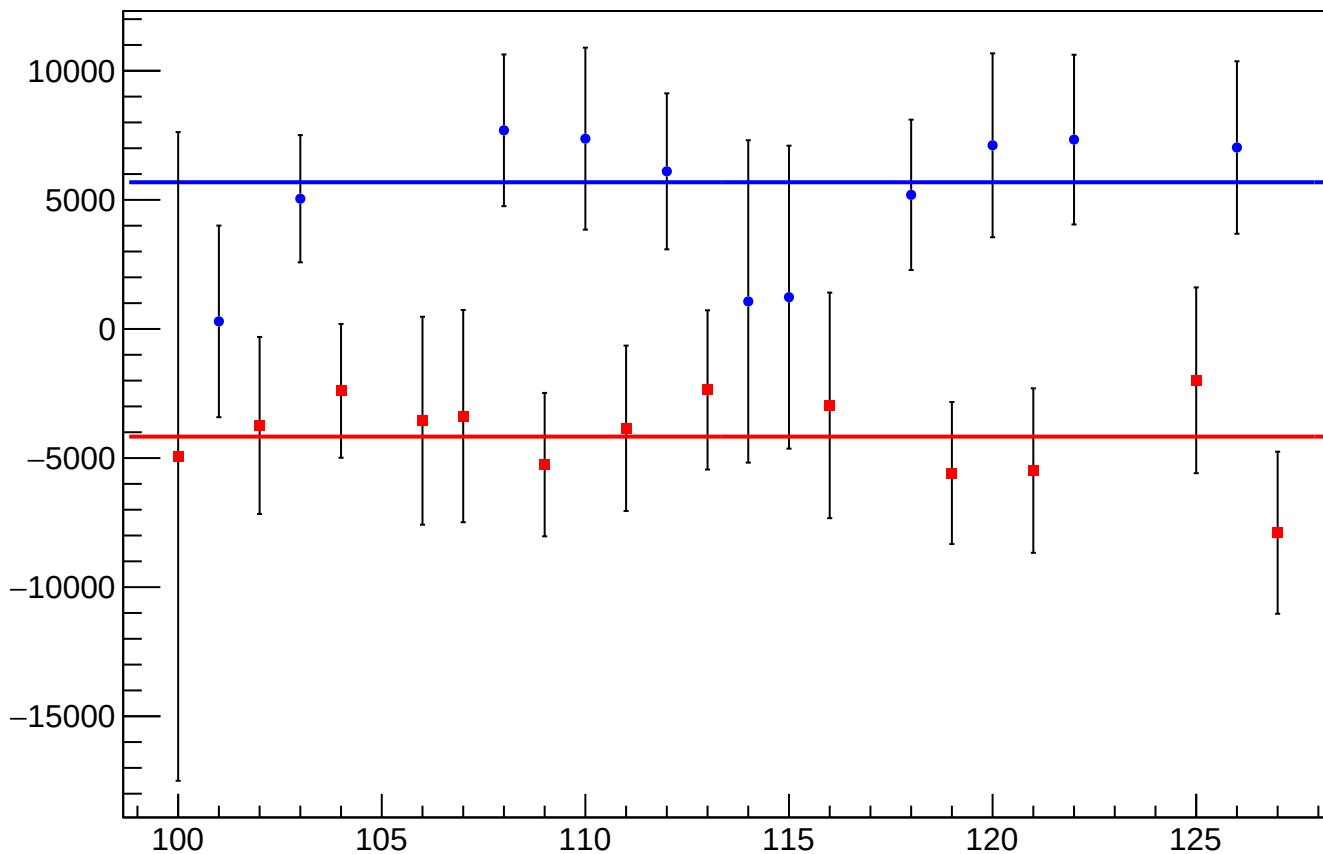
Right Out: 7775.214+/-2.445 χ^2/NDF : 351872.1/12

All: 7834.199+/-1.801 χ^2/NDF : 513799.9/23

- 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_us_avg_at2lr_avg_avg_mean vs Slug



Right In: 5682.752 $\pm$ 1011.724 χ^2 /NDF: 4.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4169.282 $\pm$ 930.334 χ^2 /NDF: 3.3/12

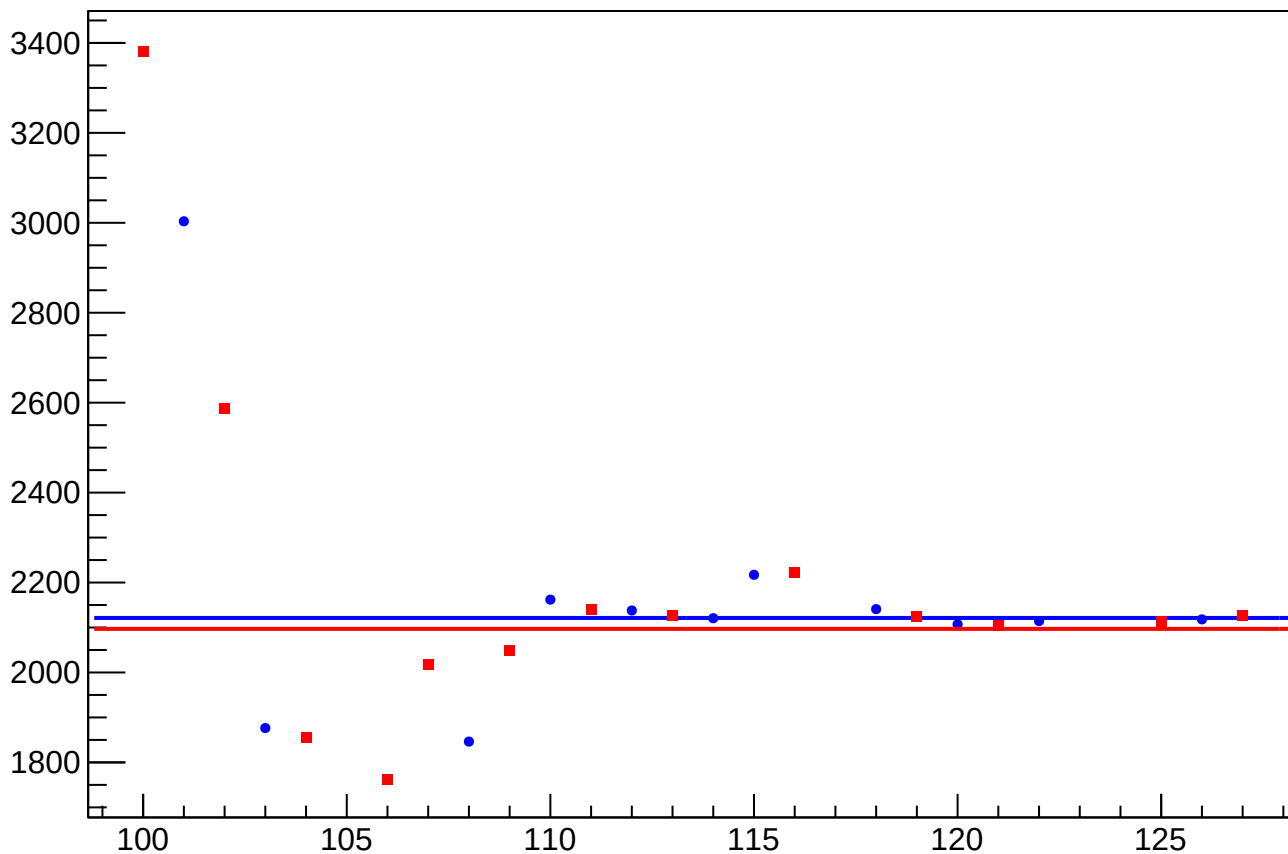
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 344.566 $\pm$ 684.814 χ^2 /NDF: 59.3/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2121.248+/-0.715 χ^2/NDF : 151292.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

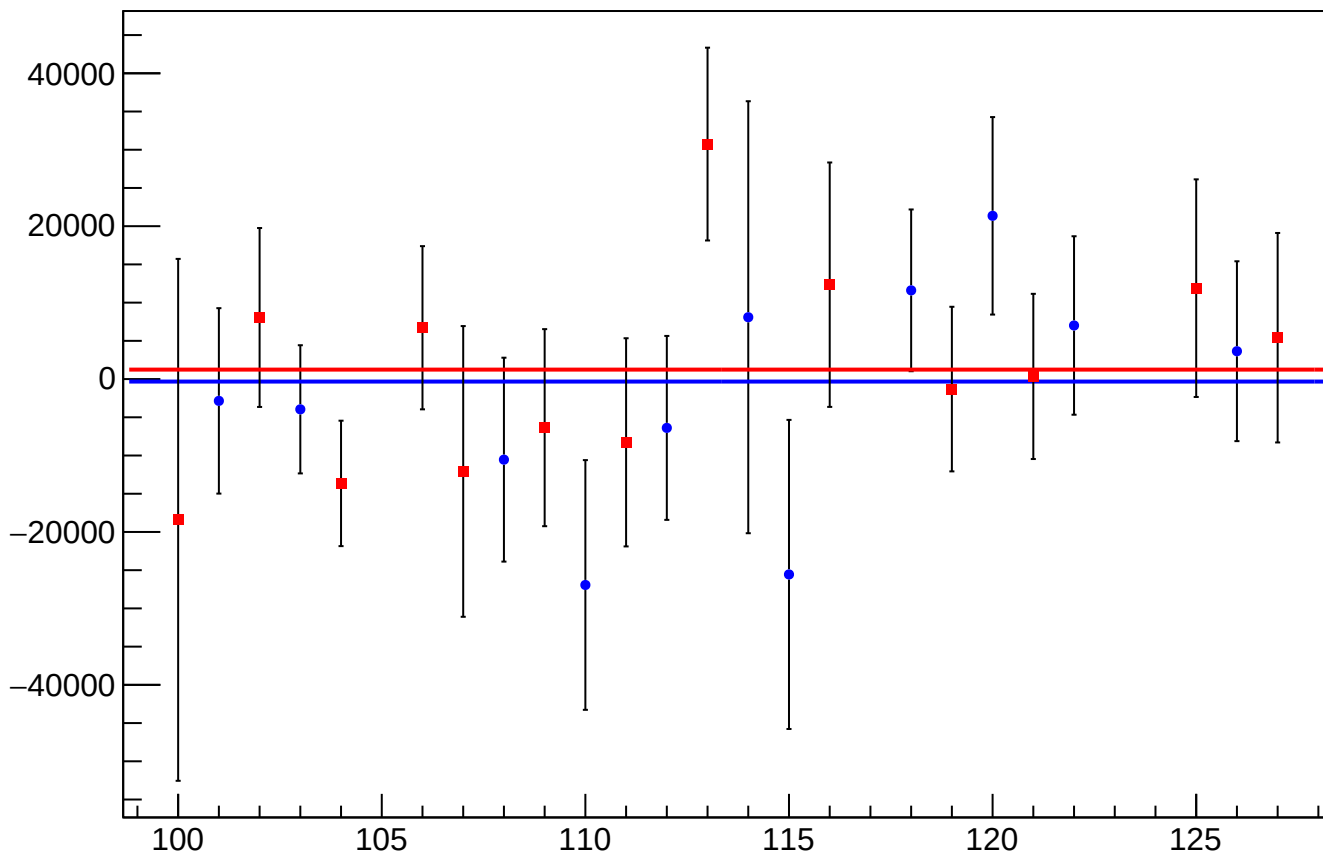
Right Out: 2096.958+/-0.654 χ^2/NDF : 100297.2/12

All: 2108.008+/-0.483 χ^2/NDF : 252218.5/23

- 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_avg_eigen_cor_correction_mean vs Slug



Right In: -325.754+/-3766.302 χ^2/NDF : 10.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1238.561+/-3457.894 χ^2/NDF : 12.2/12

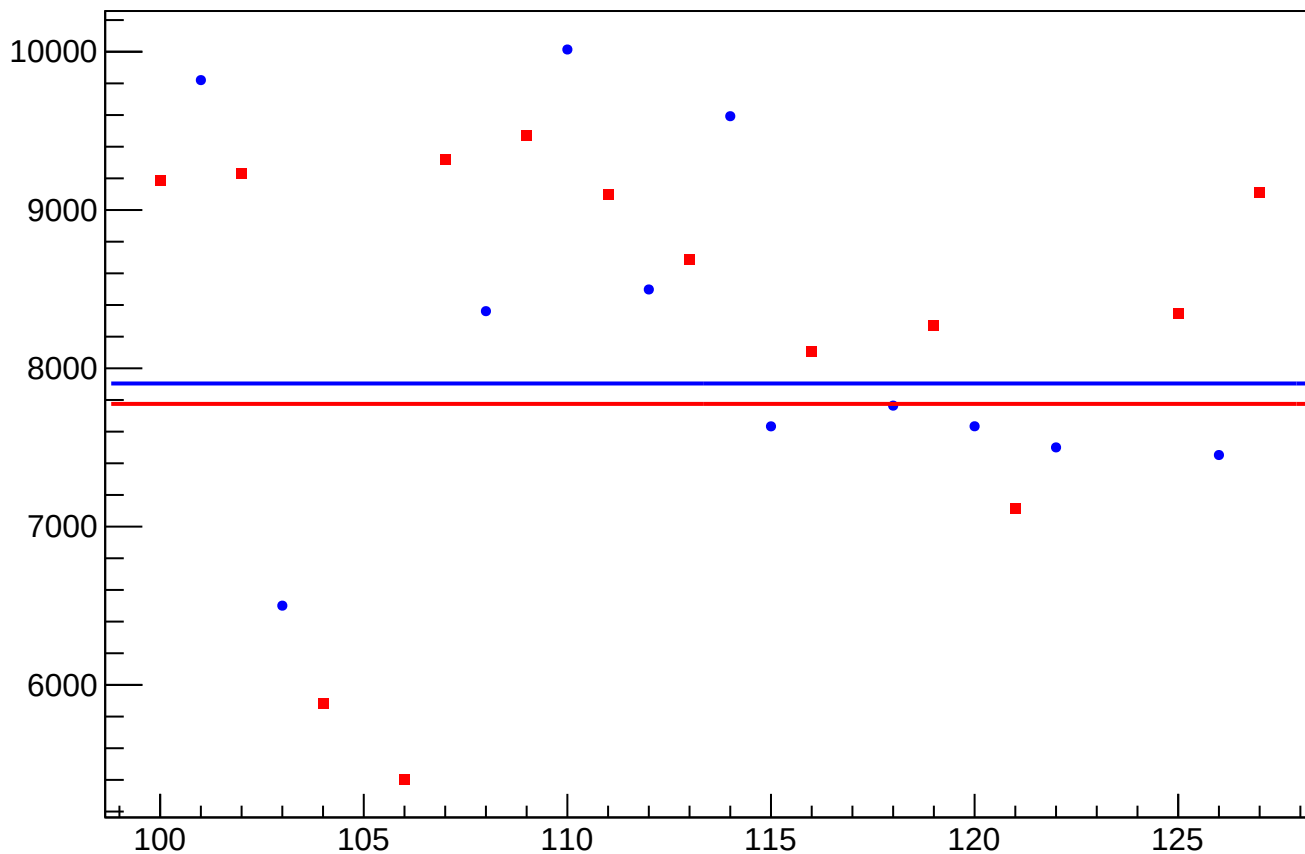
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 523.064+/-2547.164 χ^2/NDF : 22.3/23

- 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: 7904.175+/-2.663 χ^2/NDF : 160655.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

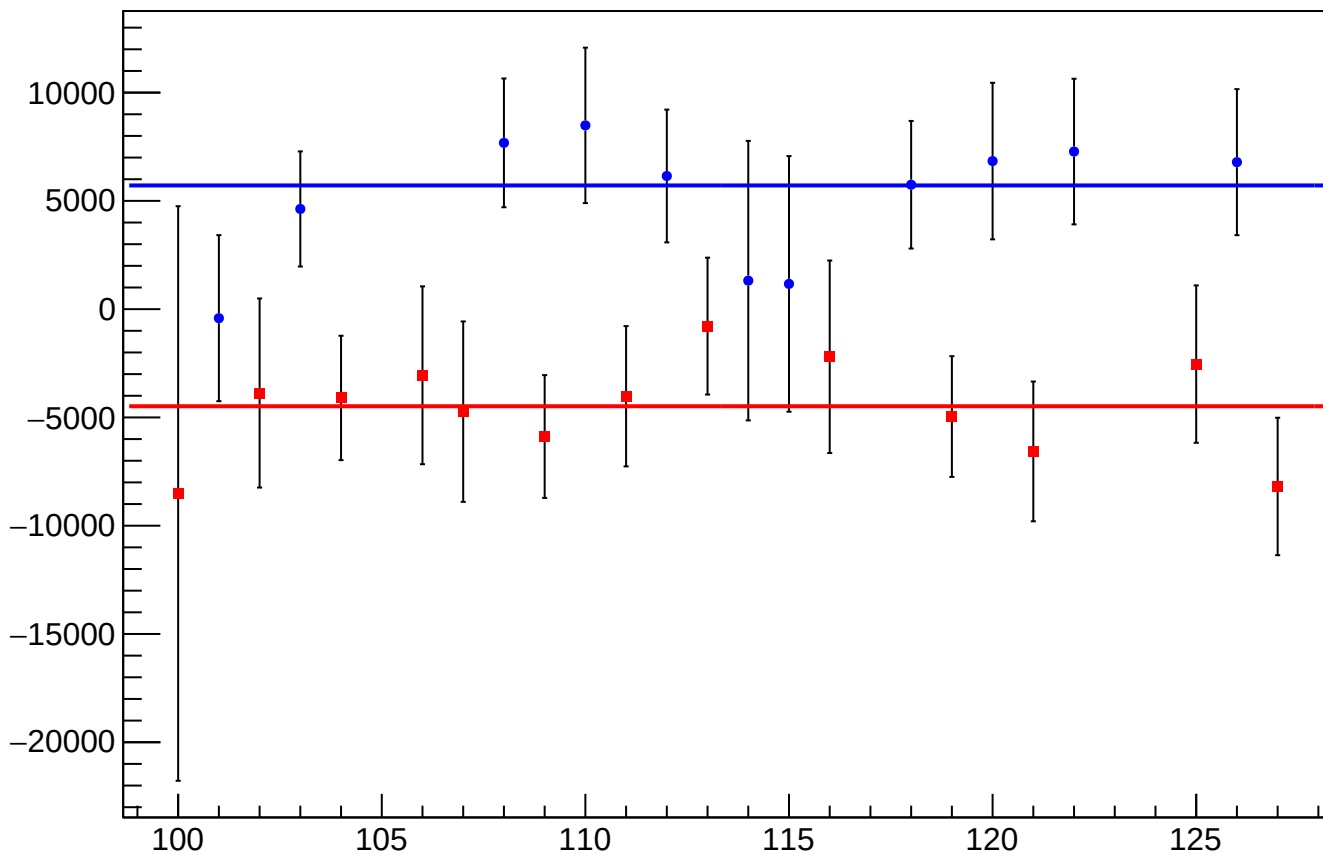
Right Out: 7775.214+/-2.445 χ^2/NDF : 351872.1/12

All: 7834.199+/-1.801 χ^2/NDF : 513799.9/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at2lr_avg_avg_mean vs Slug



Right In: 5713.339+/-1038.259 χ^2/NDF : 5.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4483.071+/-968.408 χ^2/NDF : 4.2/12

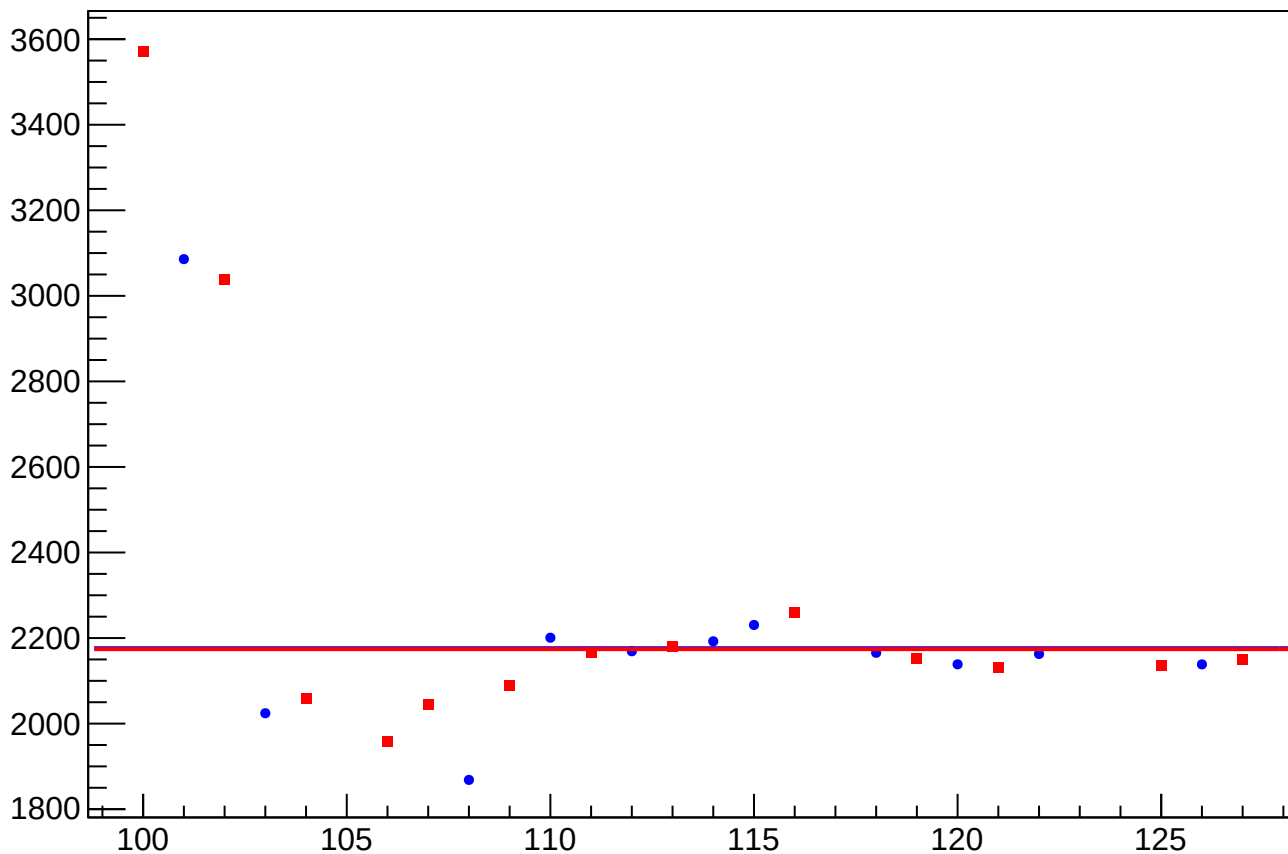
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 260.634+/-708.175 χ^2/NDF : 61.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2176.266+/-0.734 χ^2/NDF : 141375.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2174.088+/-0.684 χ^2/NDF : 114935.6/12

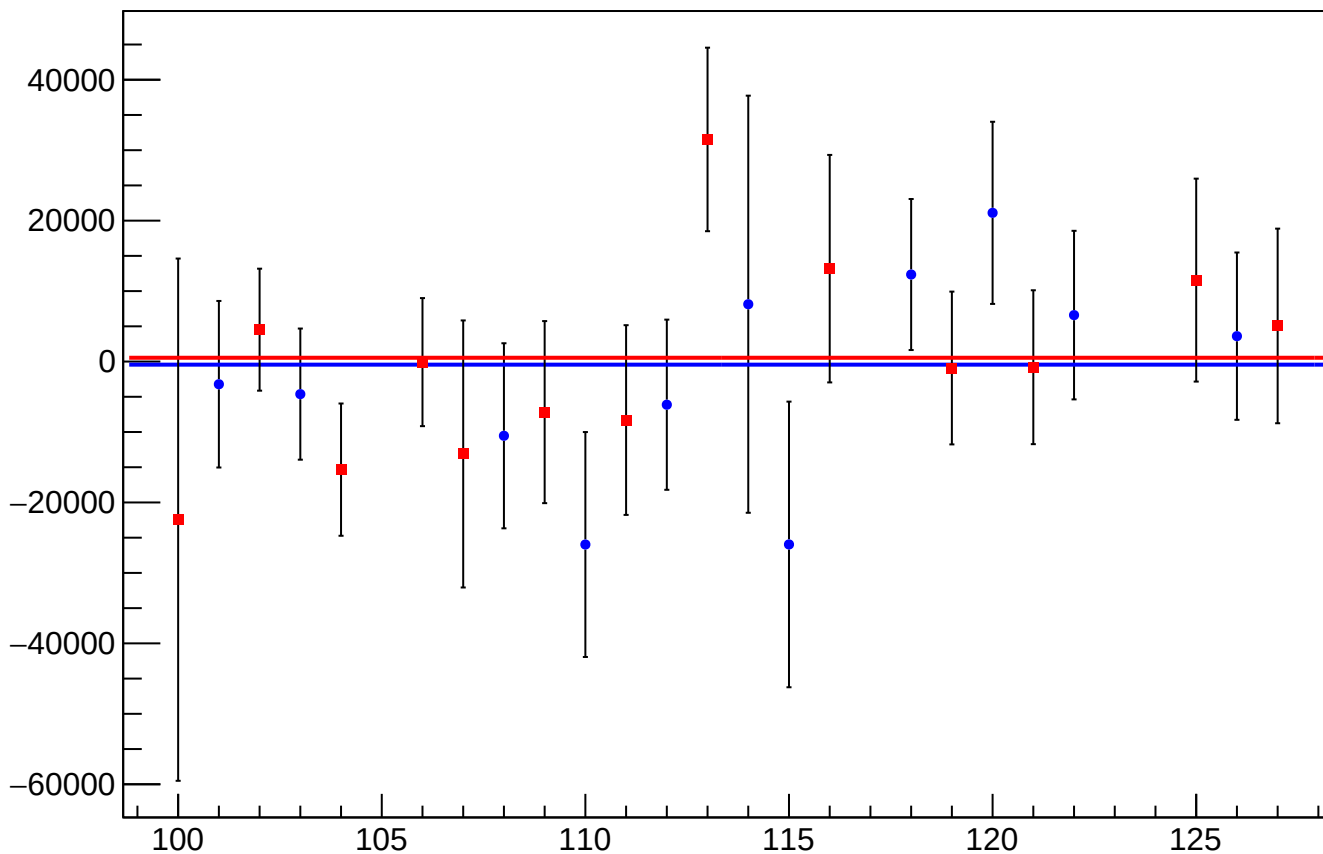
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2175.101+/-0.501 χ^2/NDF : 256315.5/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_dit_correction_mean vs Slug



Right In: -440.361+/-3845.485 χ^2/NDF : 10.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 539.553+/-3361.527 χ^2/NDF : 11.8/12

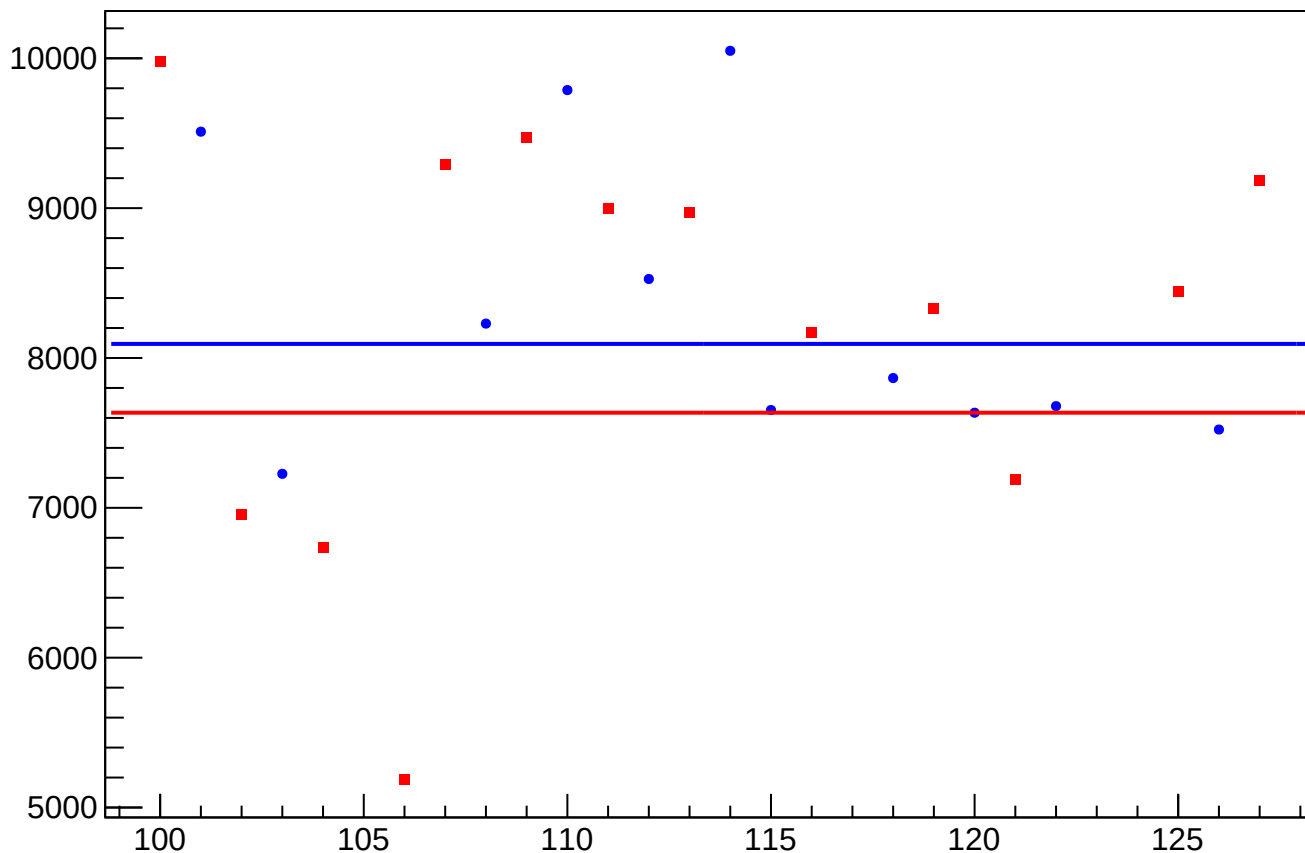
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.103+/-2530.874 χ^2/NDF : 21.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_dit_correction_rms vs Slug



Right In: 8093.979+/-2.719 χ^2/NDF : 91532.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

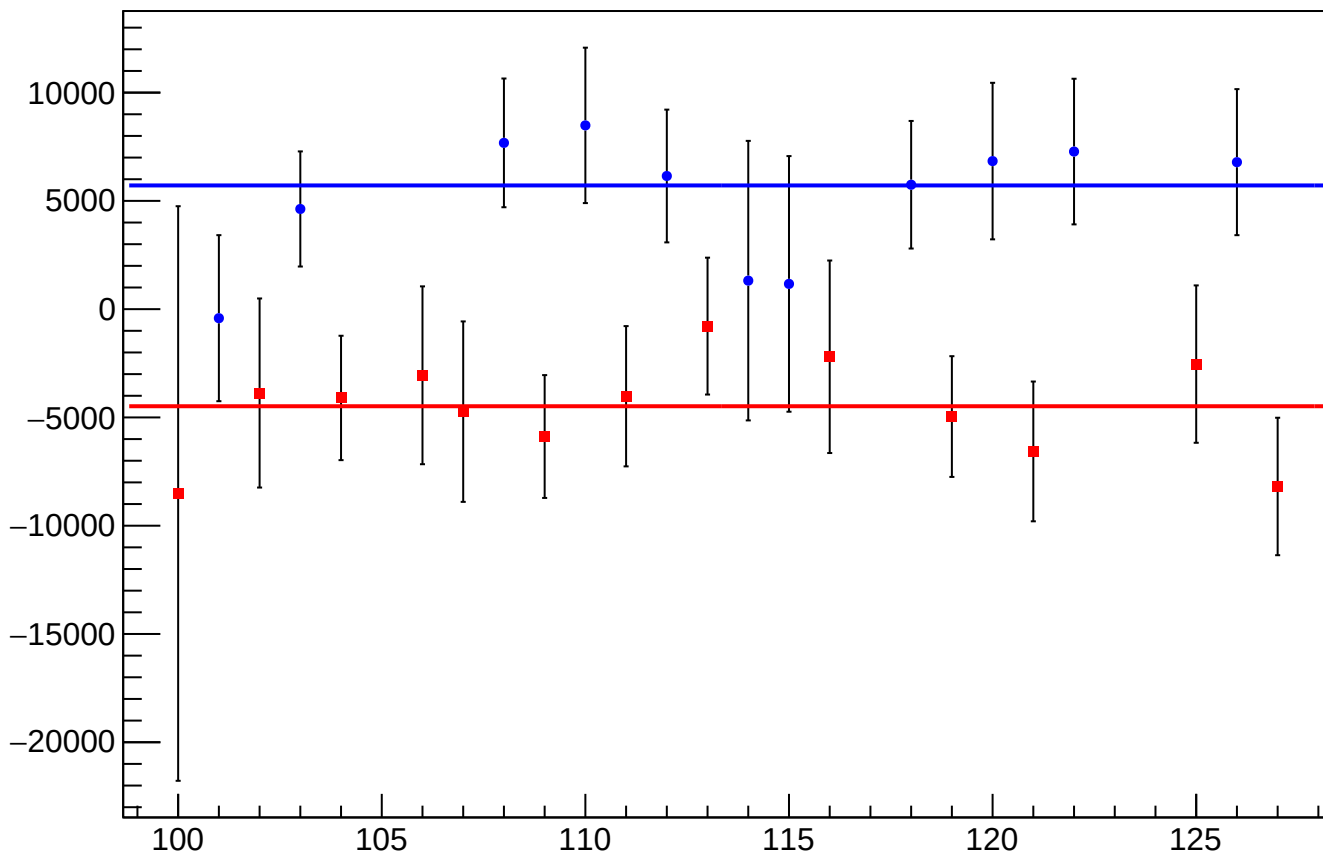
Right Out: 7634.884+/-2.377 χ^2/NDF : 326469.3/12

All: 7833.741+/-1.790 χ^2/NDF : 434160.4/23

- 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: 5713.328+/-1038.258 χ^2/NDF : 5.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4483.077+/-968.408 χ^2/NDF : 4.2/12

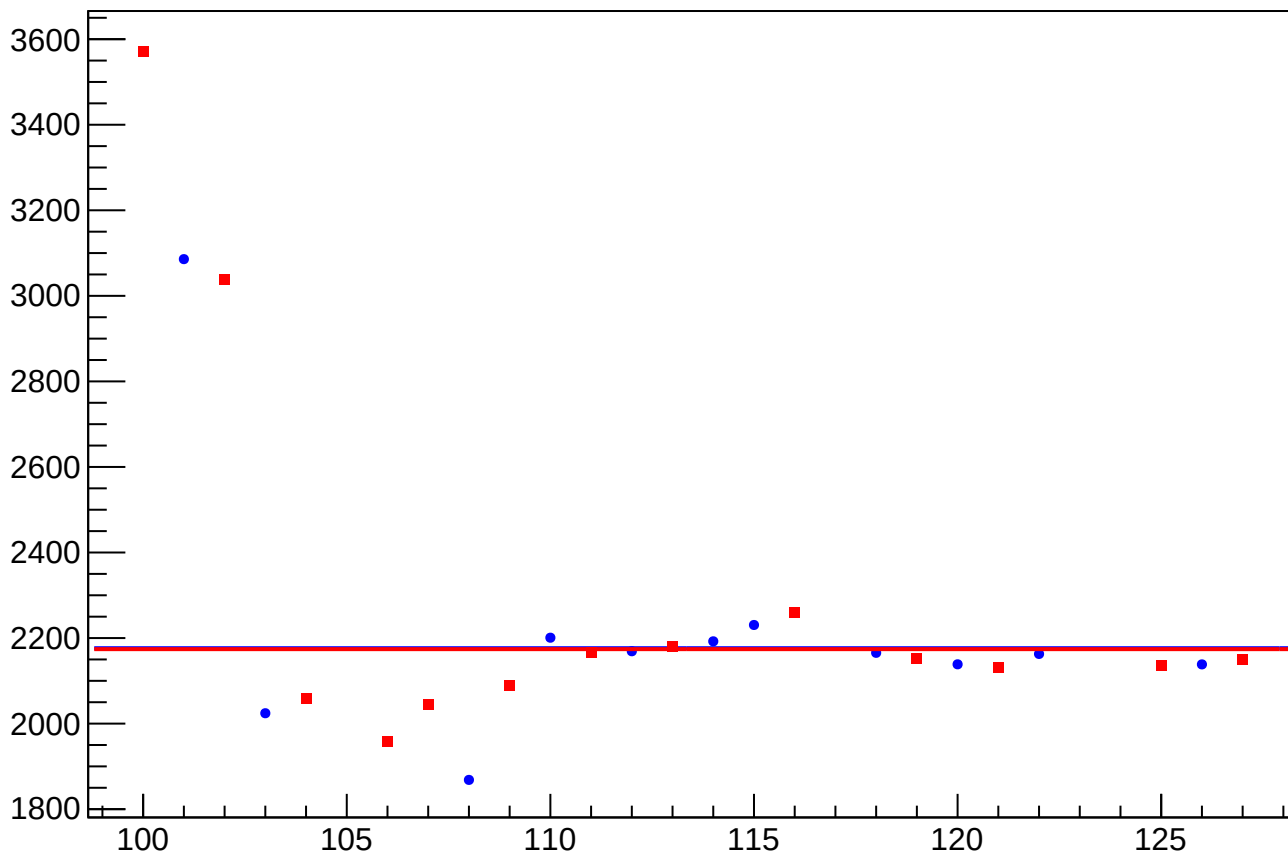
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 260.625+/-708.175 χ^2/NDF : 61.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2176.265+/-0.734 χ^2/NDF : 141375.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2174.088+/-0.684 χ^2/NDF : 114935.5/12

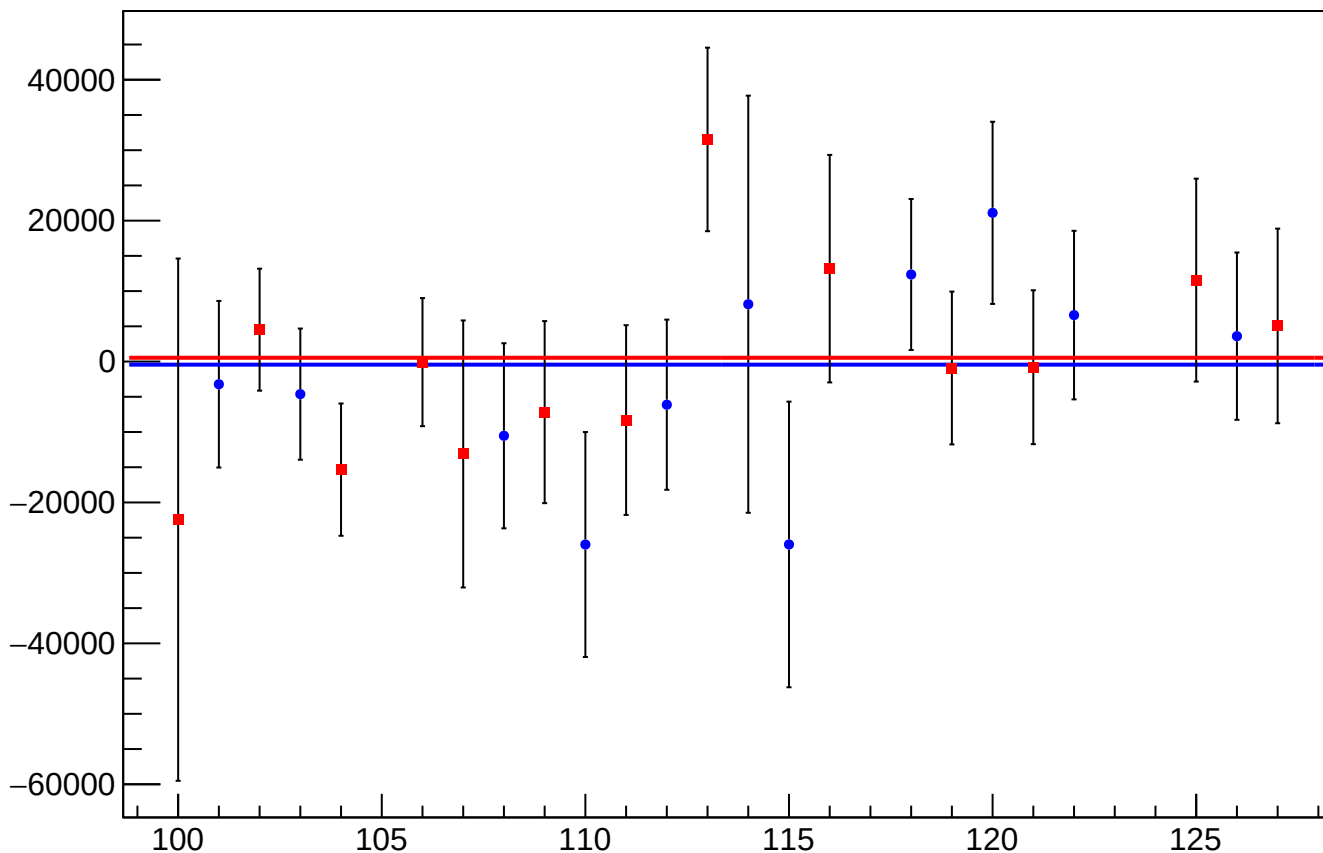
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2175.100+/-0.501 χ^2/NDF : 256315.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_mean vs Slug



Right In: -440.348+/-3845.474 χ^2/NDF : 10.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 539.545+/-3361.519 χ^2/NDF : 11.8/12

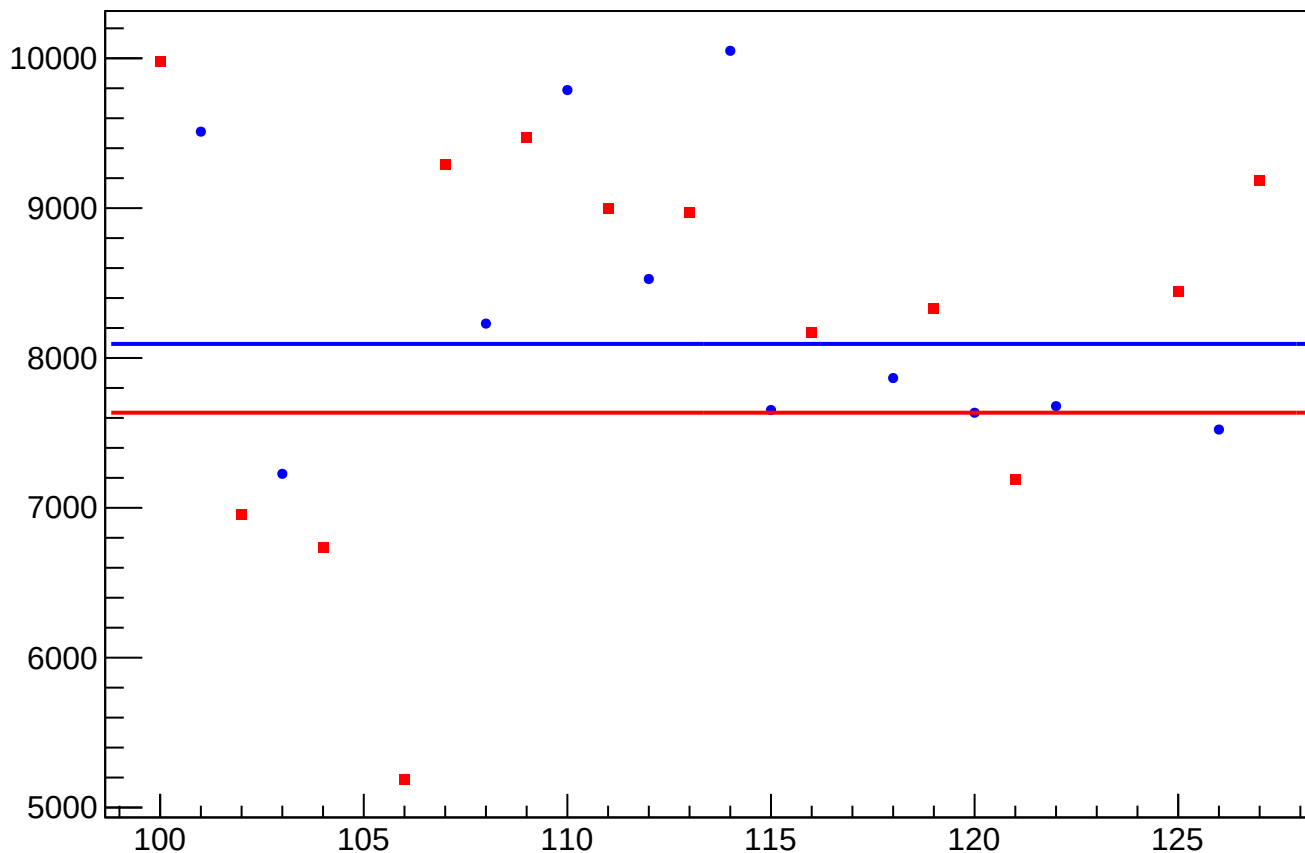
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

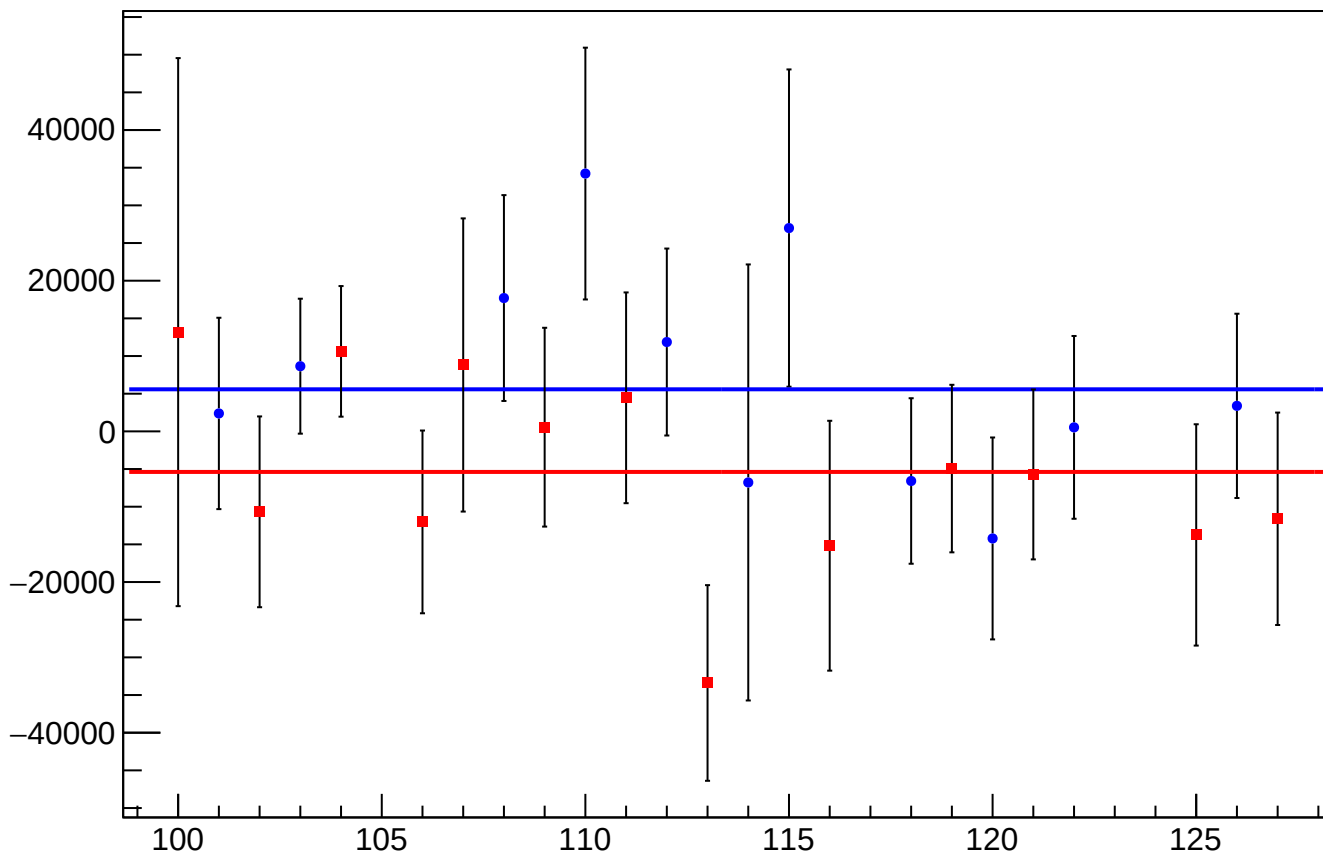
All: 115.104+/-2530.867 χ^2/NDF : 21.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_rms vs Slug



asym_us_avg_at2lr_avg_avg_mean vs Slug



Right In: 5583.366+/-3926.010 χ^2/NDF : 9.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5384.610+/-3632.895 χ^2/NDF : 10.9/12

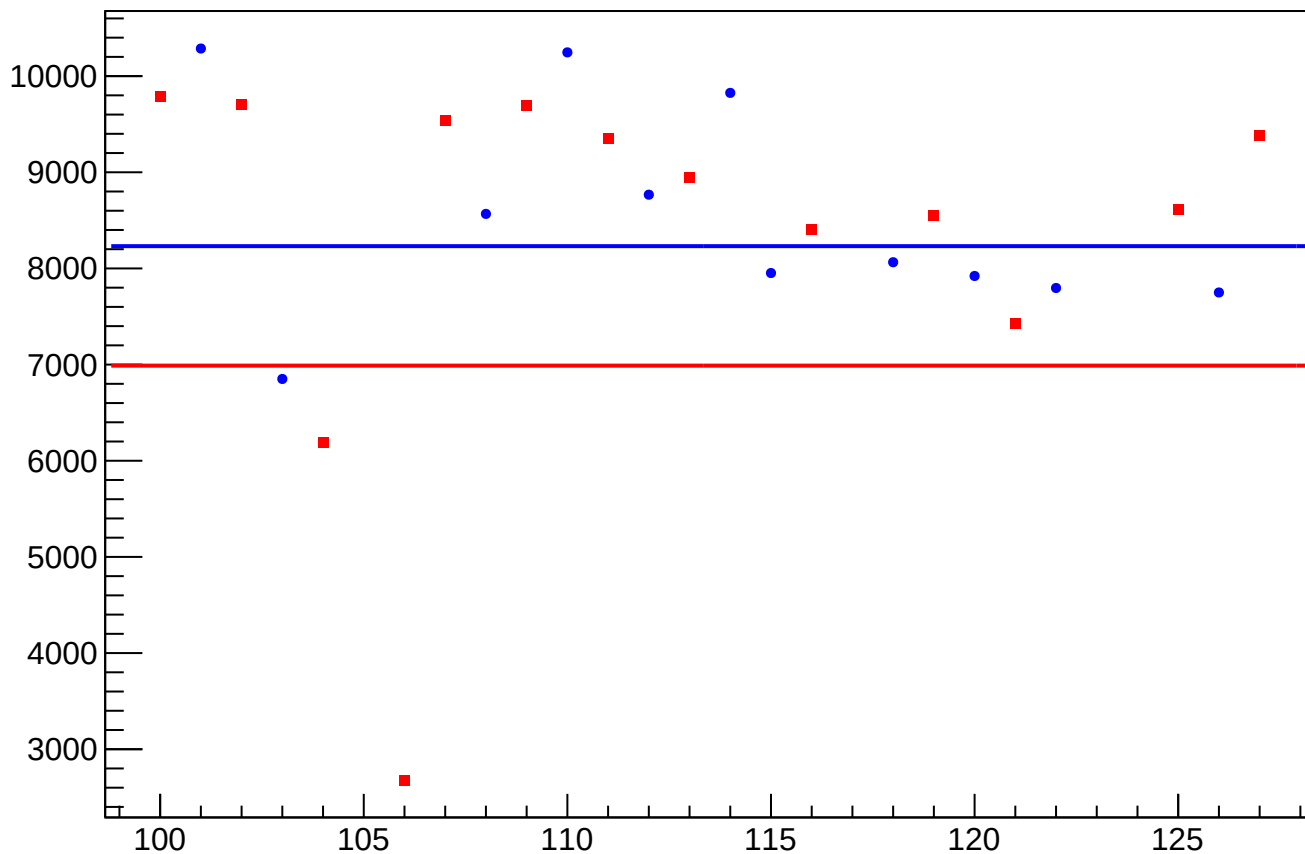
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -325.294+/-2666.454 χ^2/NDF : 24.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 8231.652+/-2.776 χ^2/NDF : 147559.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

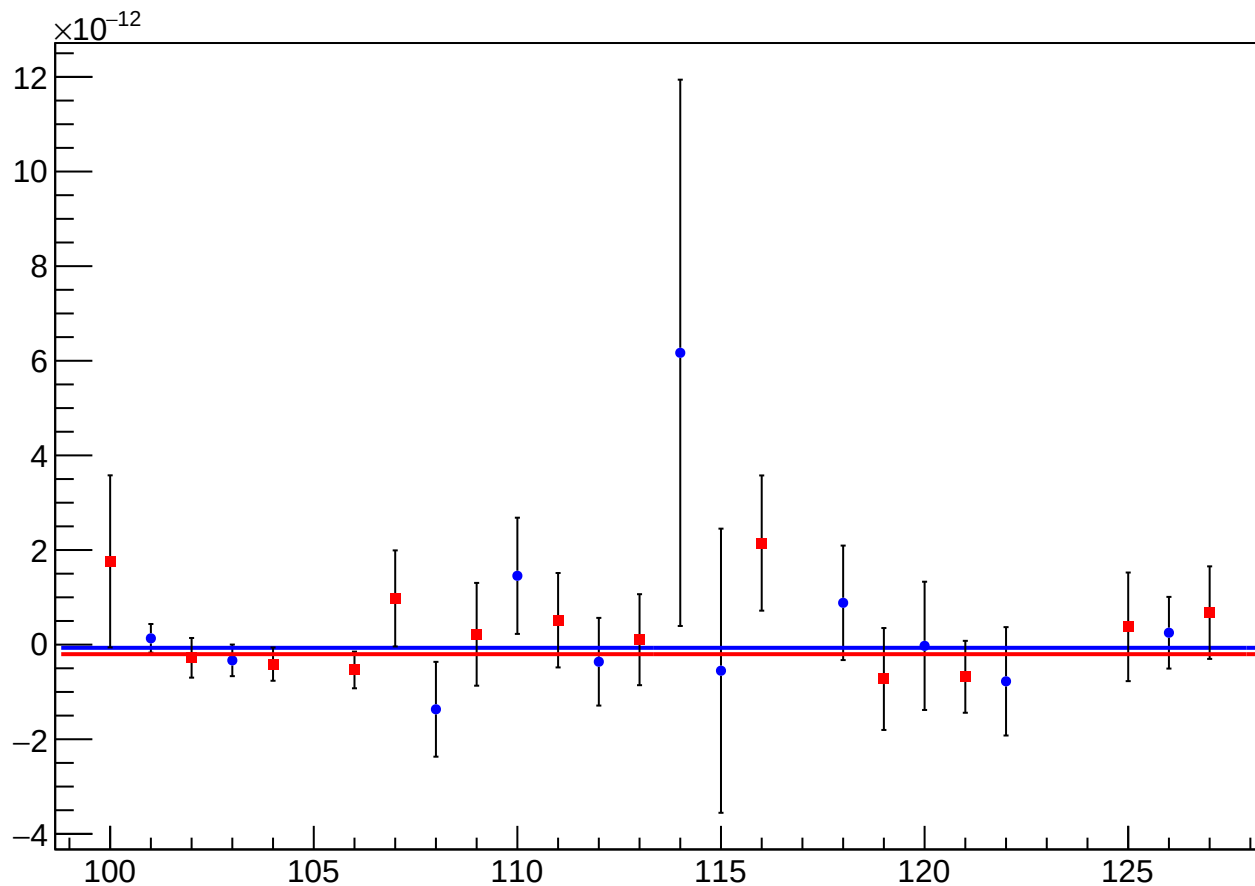
Right Out: 6989.340+/-2.343 χ^2/NDF : 1302588.4/12

All: 7506.264+/-1.791 χ^2/NDF : 1567081.9/23

- 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_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 6.8/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 8.8/12

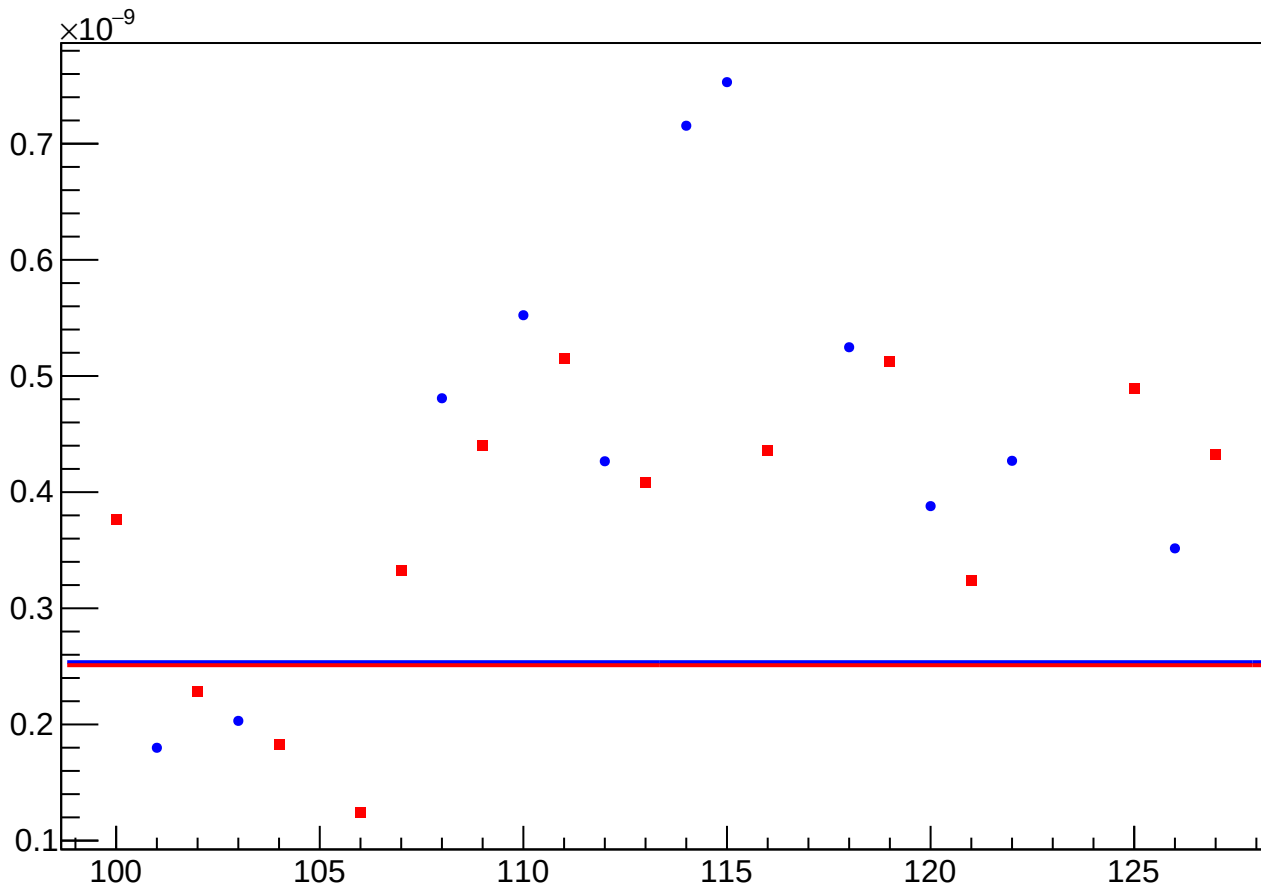
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 15.8/23

- 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 : 722467.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 896497.6/12

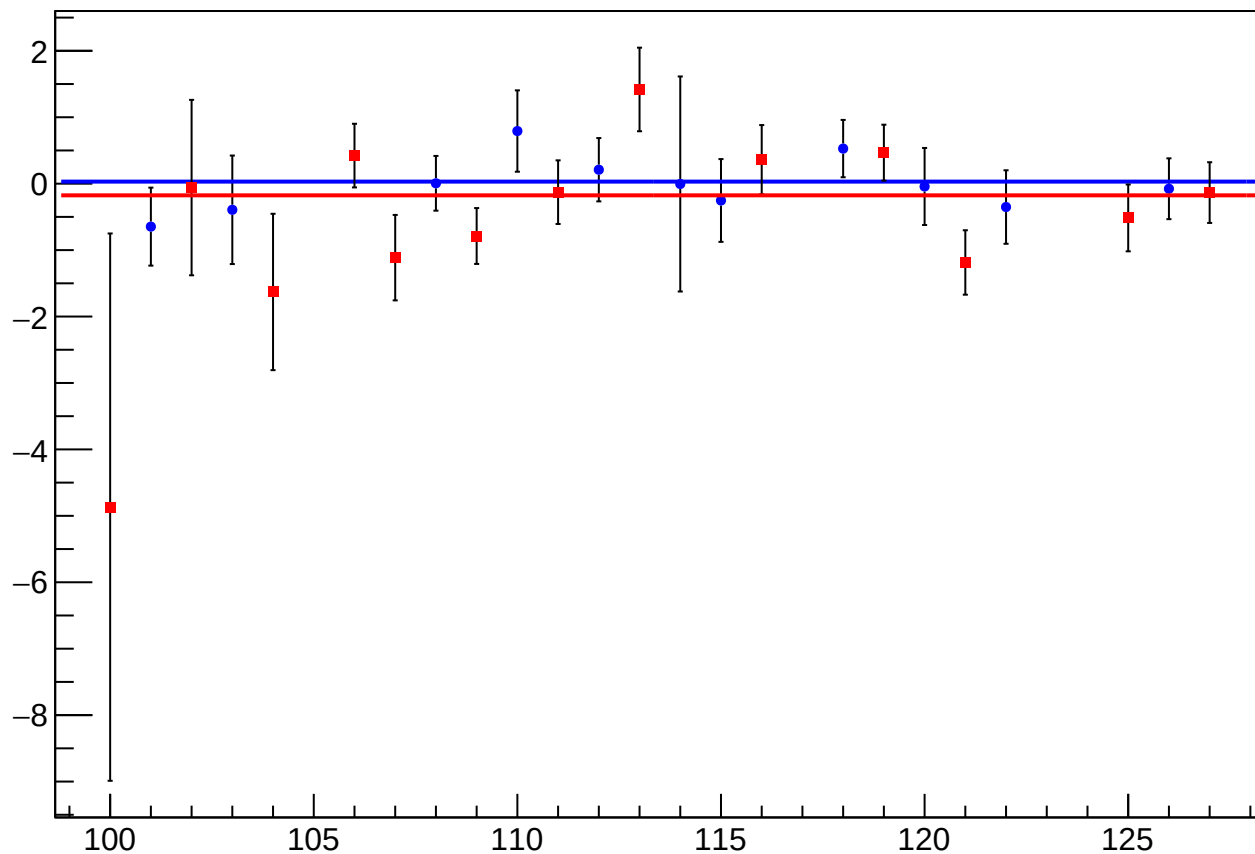
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1619151.4/23

- 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: 0.031+/-0.165 χ^2/NDF : 5.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.175+/-0.153 χ^2/NDF : 23.3/12

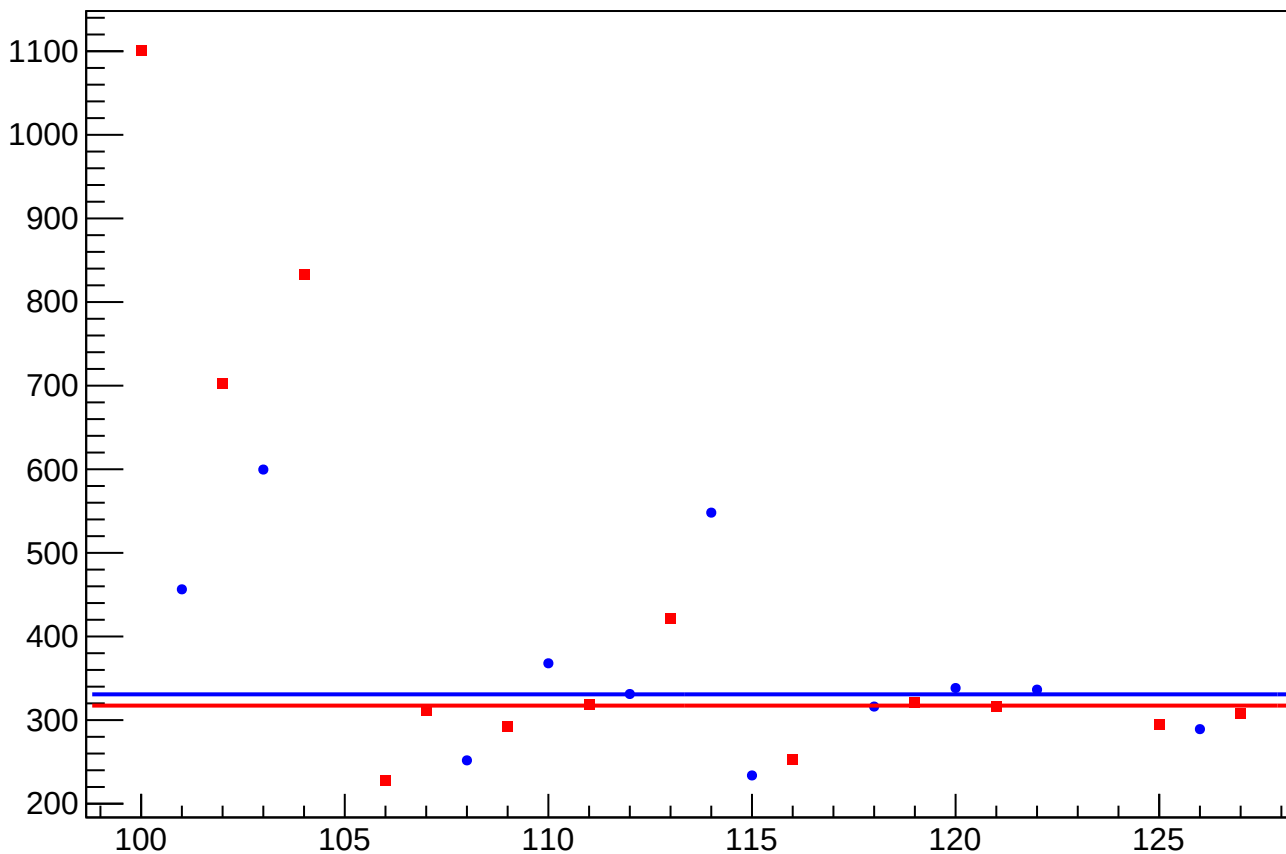
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.080+/-0.112 χ^2/NDF : 29.5/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_rms vs Slug



Right In: 330.807+/-0.117 χ^2/NDF : 493076.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 317.341+/-0.108 χ^2/NDF : 794697.7/12

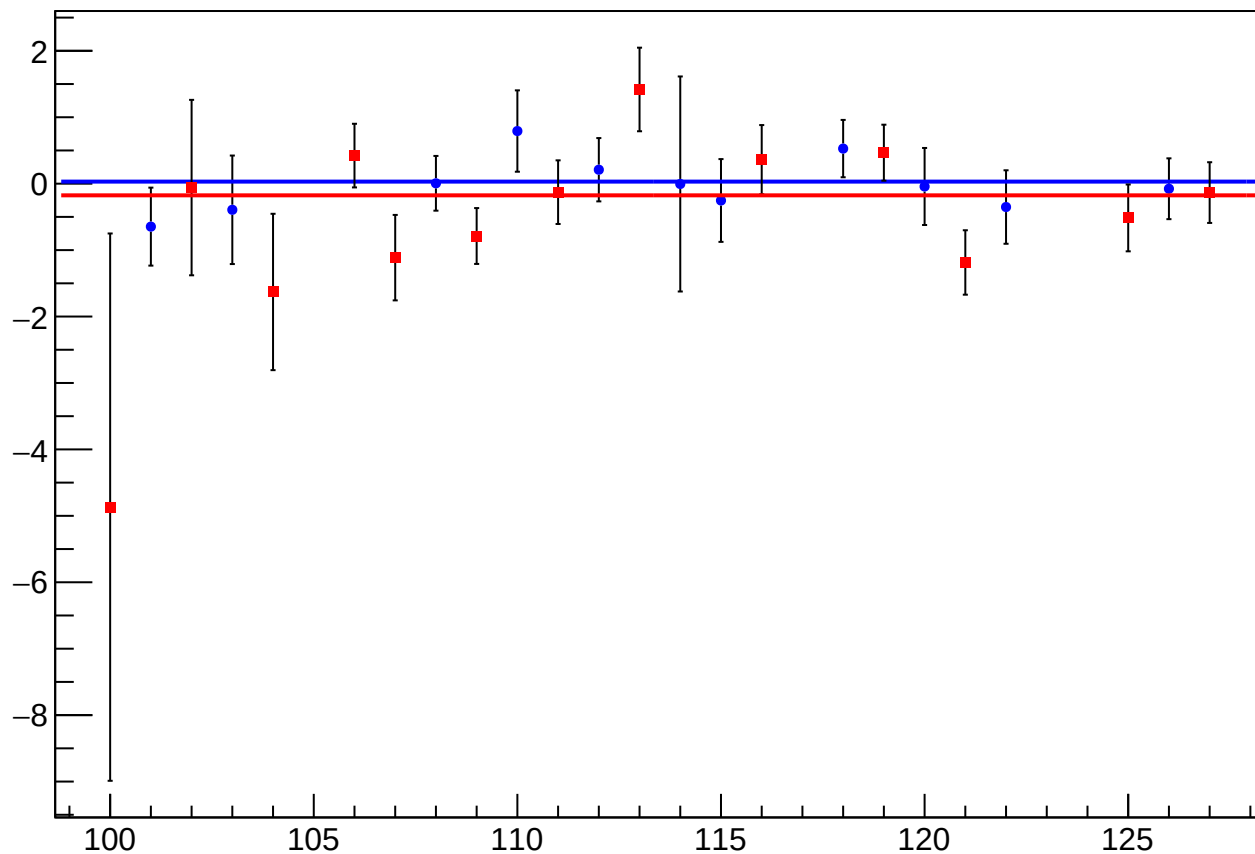
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 323.544+/-0.079 χ^2/NDF : 1294954.4/23

- 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: 0.031+/-0.165 χ^2/NDF : 5.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.175+/-0.153 χ^2/NDF : 23.3/12

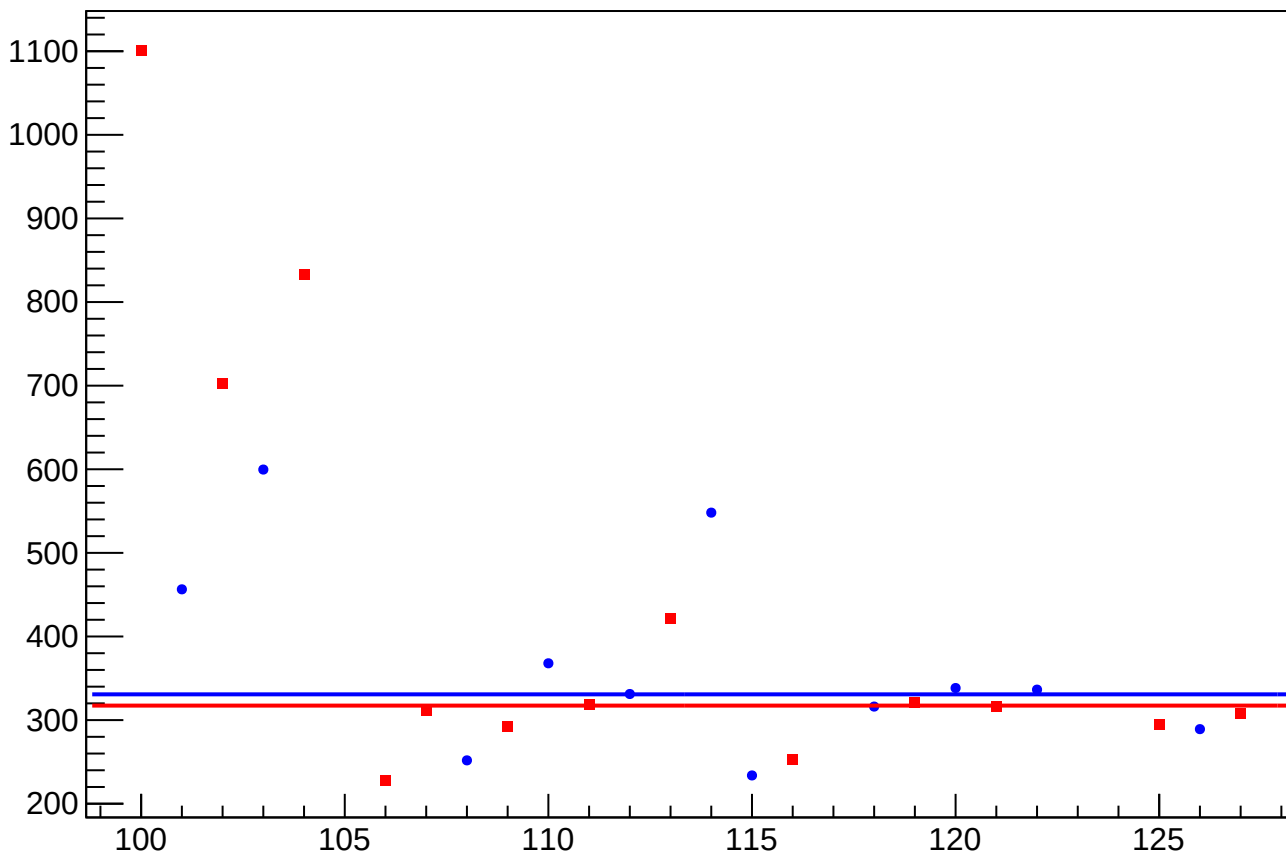
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.080+/-0.112 χ^2/NDF : 29.5/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 330.807+/-0.117 χ^2/NDF : 493076.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 317.341+/-0.108 χ^2/NDF : 794697.7/12

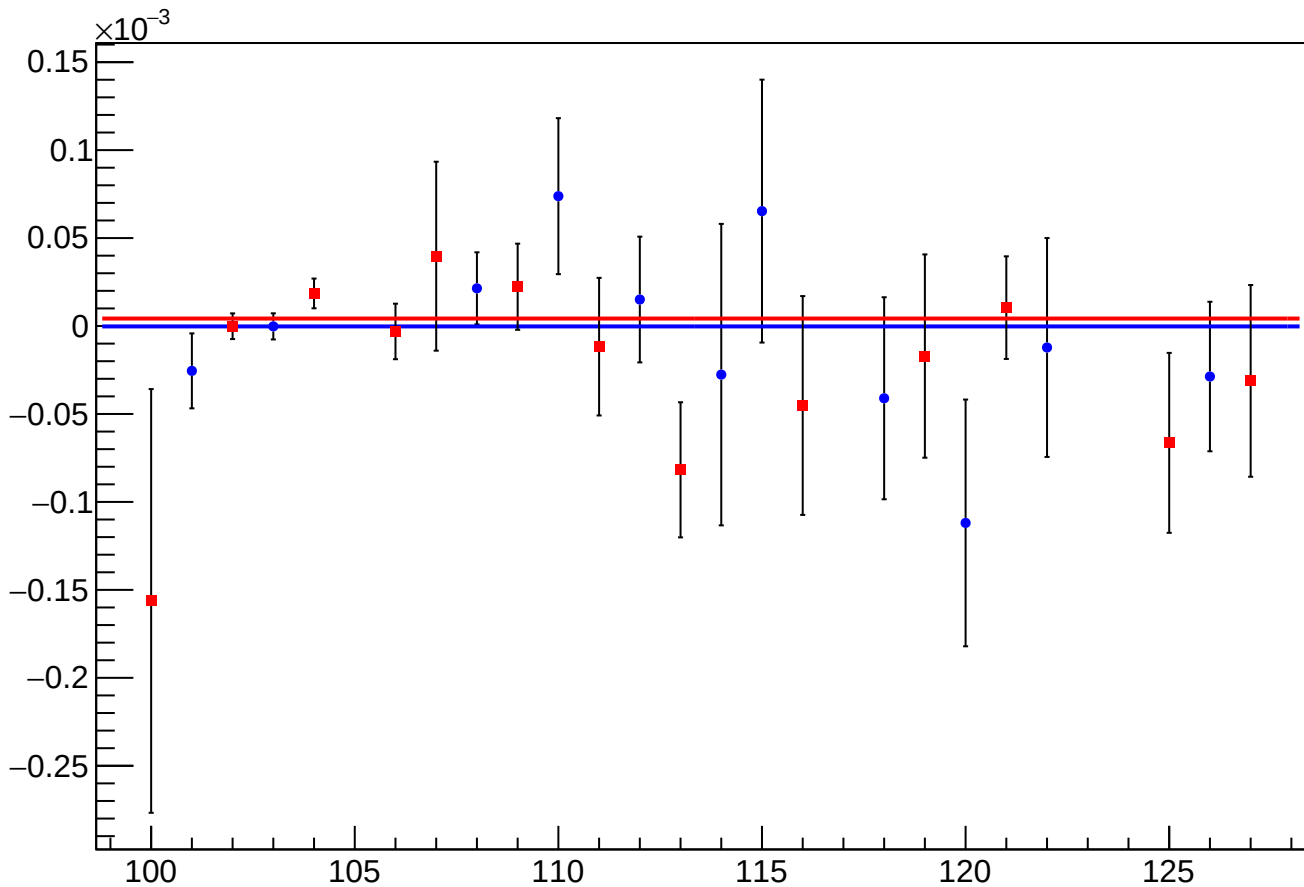
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 323.544+/-0.079 χ^2/NDF : 1294954.4/23

- 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: 9.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.5/12

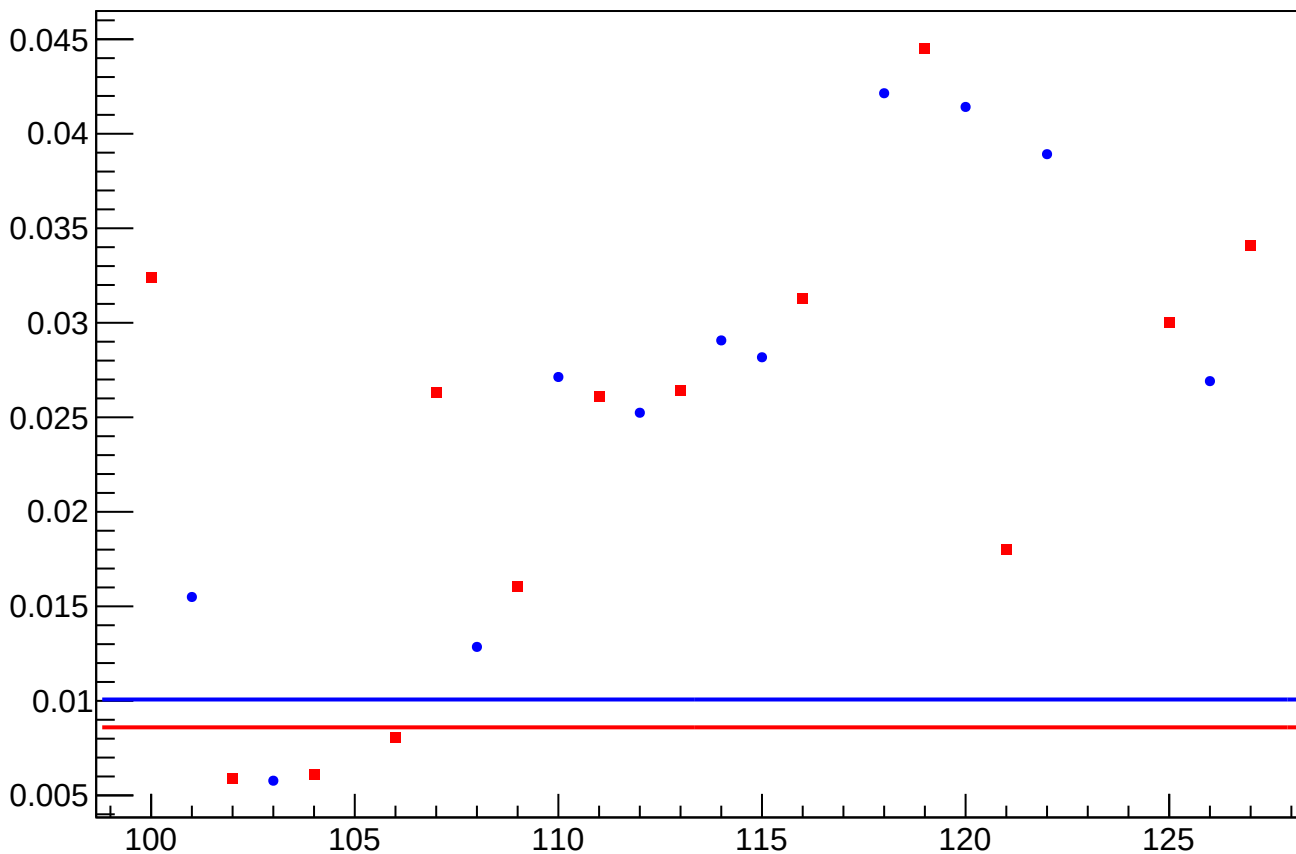
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 24.7/23

- 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: 0.010+/-0.000 χ^2/NDF : 3474342.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 3804527.9/12

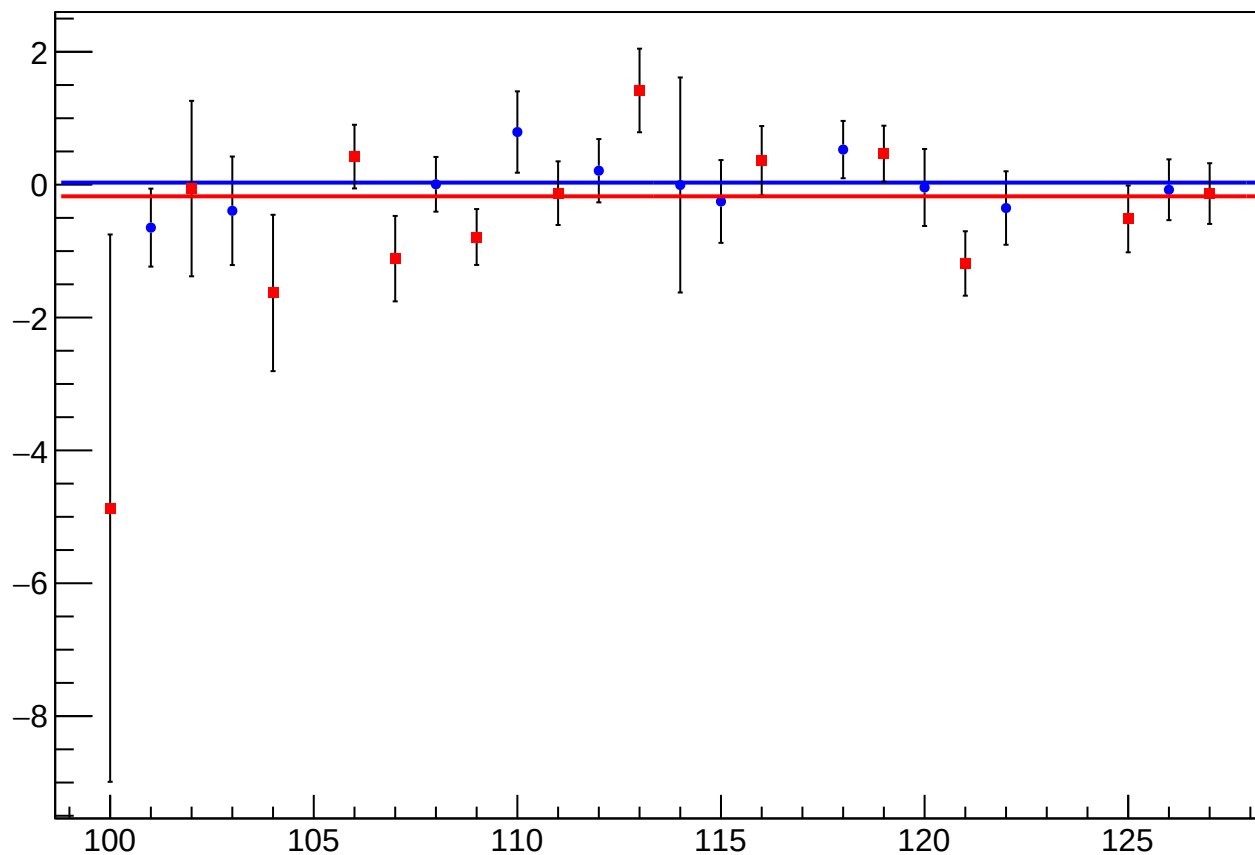
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 7348296.7/23

- 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: 0.031+/-0.165 χ^2/NDF : 5.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.176+/-0.153 χ^2/NDF : 23.3/12

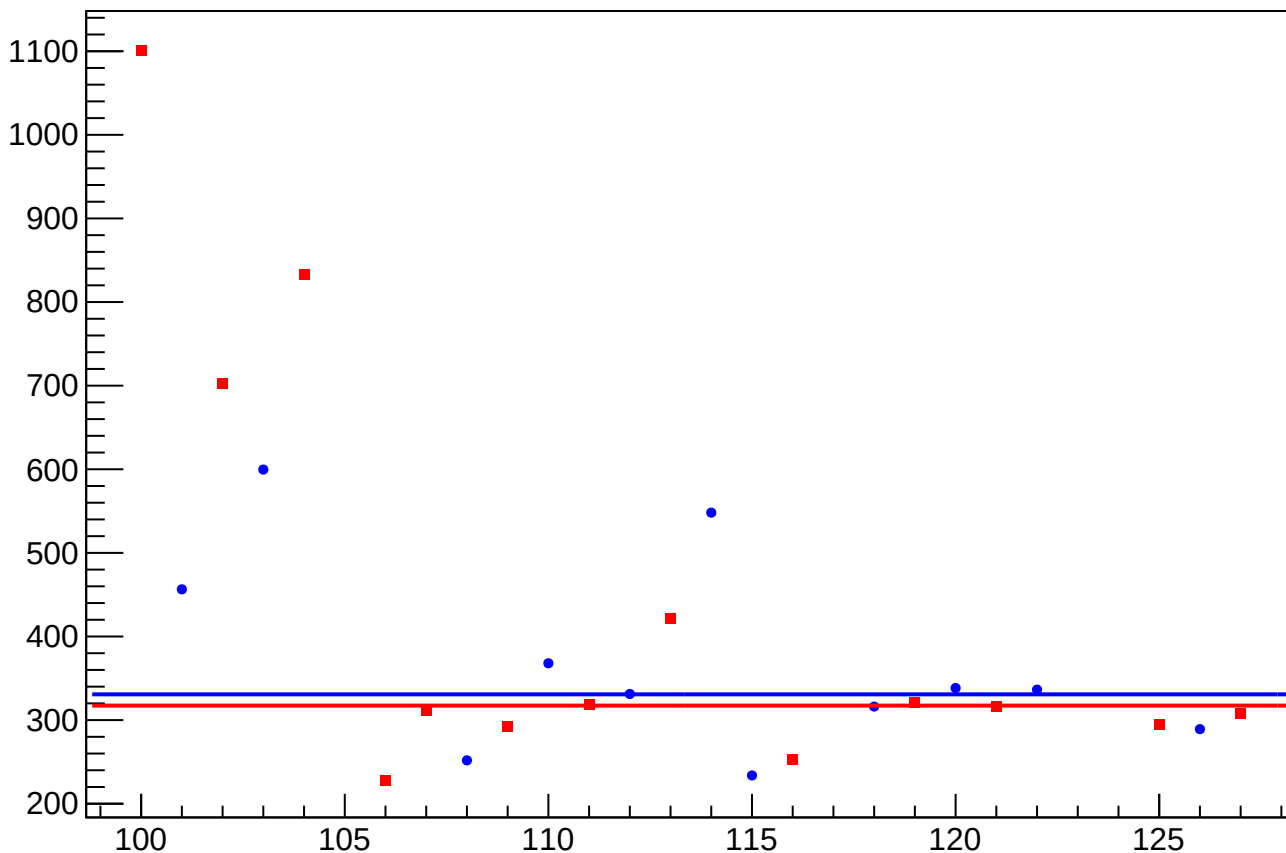
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.080+/-0.112 χ^2/NDF : 29.5/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 330.807 $\pm$ 0.117 χ^2 /NDF: 493060.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 317.341 $\pm$ 0.108 χ^2 /NDF: 794684.0/12

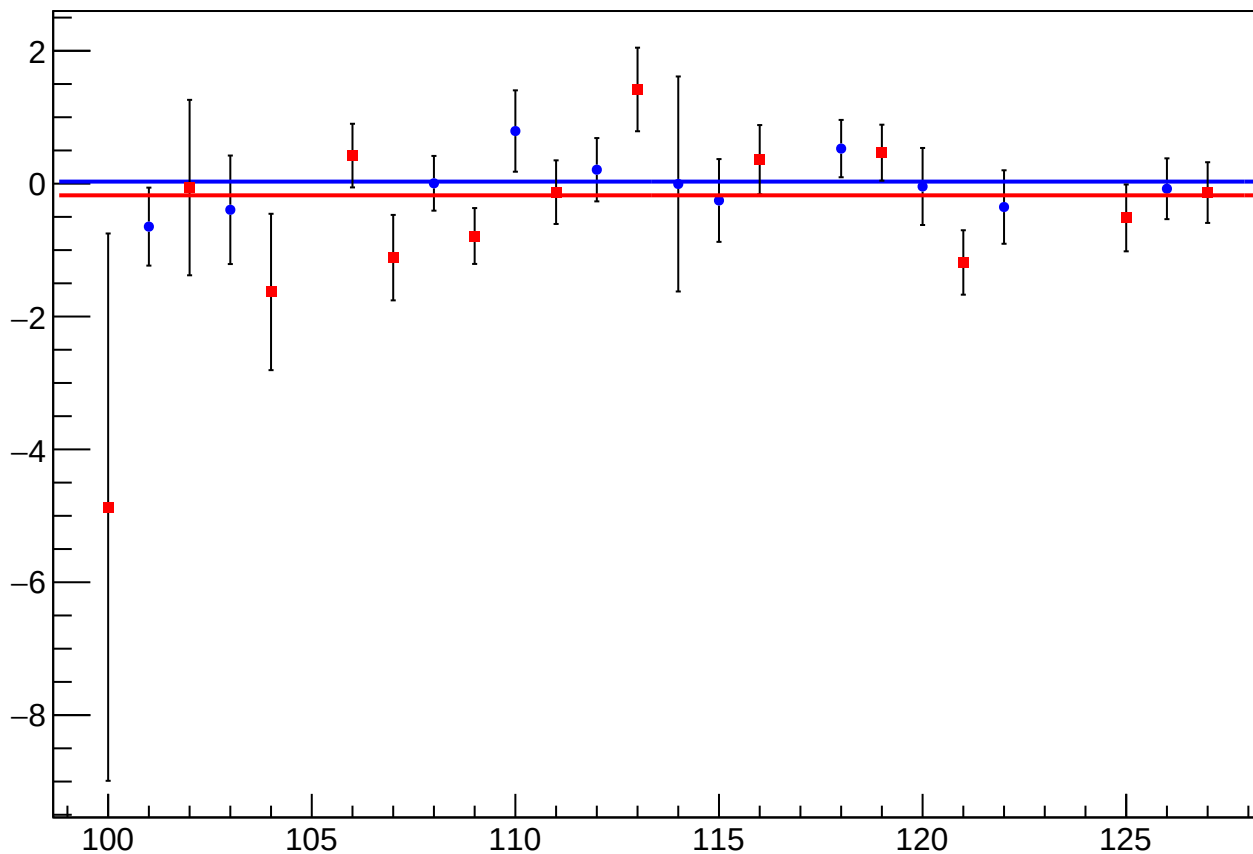
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 323.544 $\pm$ 0.079 χ^2 /NDF: 1294925.5/23

- sign 0.000 $\pm$ 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: 0.031+/-0.165 χ^2/NDF : 5.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.176+/-0.153 χ^2/NDF : 23.3/12

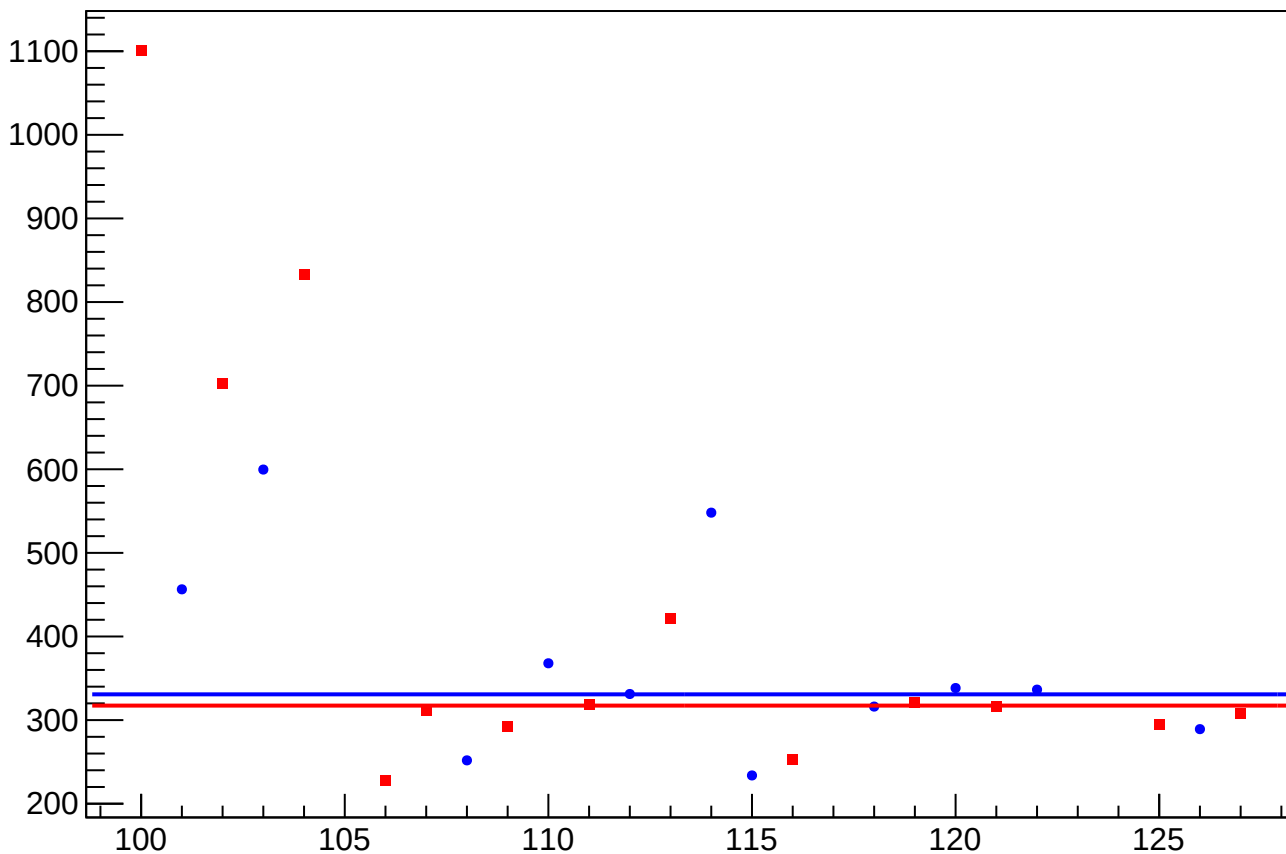
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.080+/-0.112 χ^2/NDF : 29.5/23

- sign 0.000+/-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: 330.807 $\pm$ 0.117 χ^2 /NDF: 493060.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 317.341 $\pm$ 0.108 χ^2 /NDF: 794684.0/12

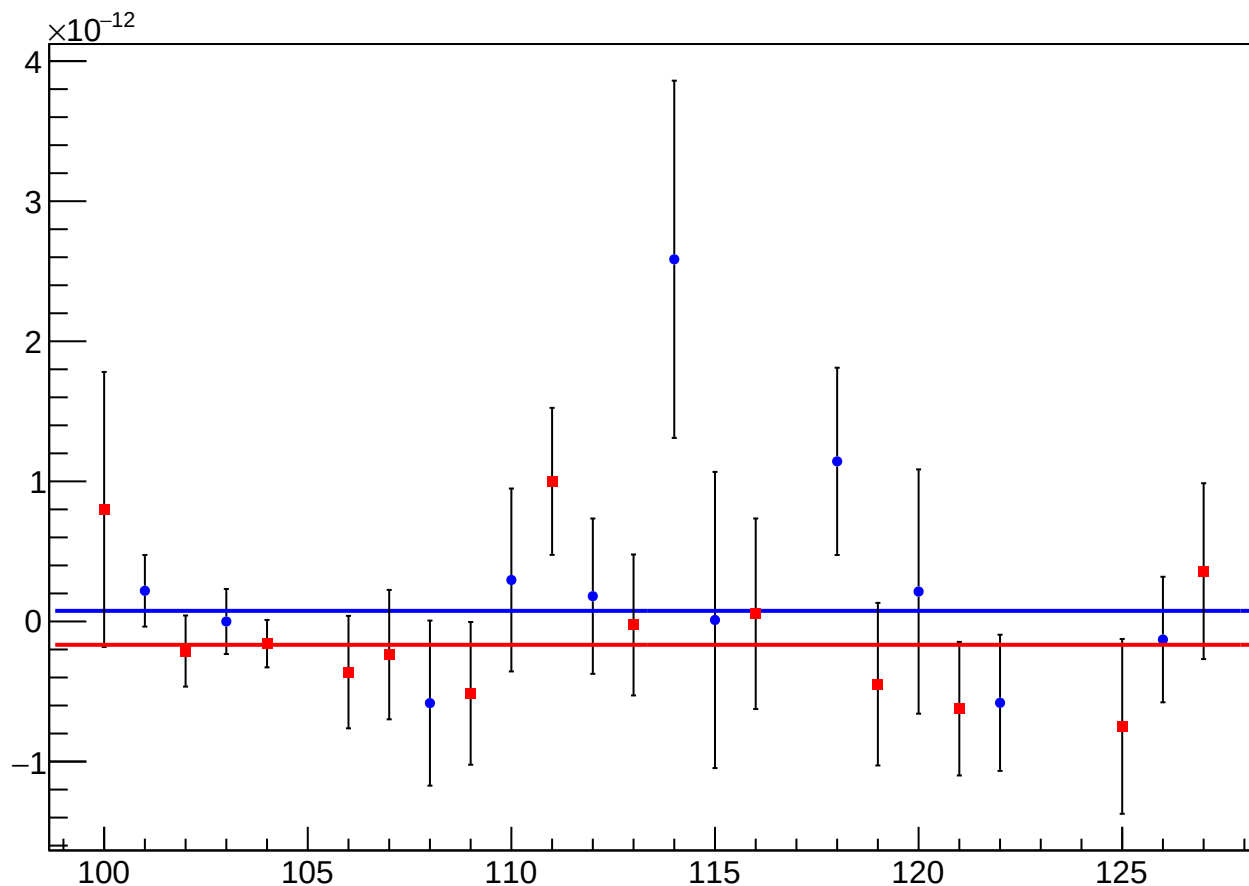
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 323.544 $\pm$ 0.079 χ^2 /NDF: 1294925.5/23

- sign 0.000 $\pm$ 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 : 10.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.6/12

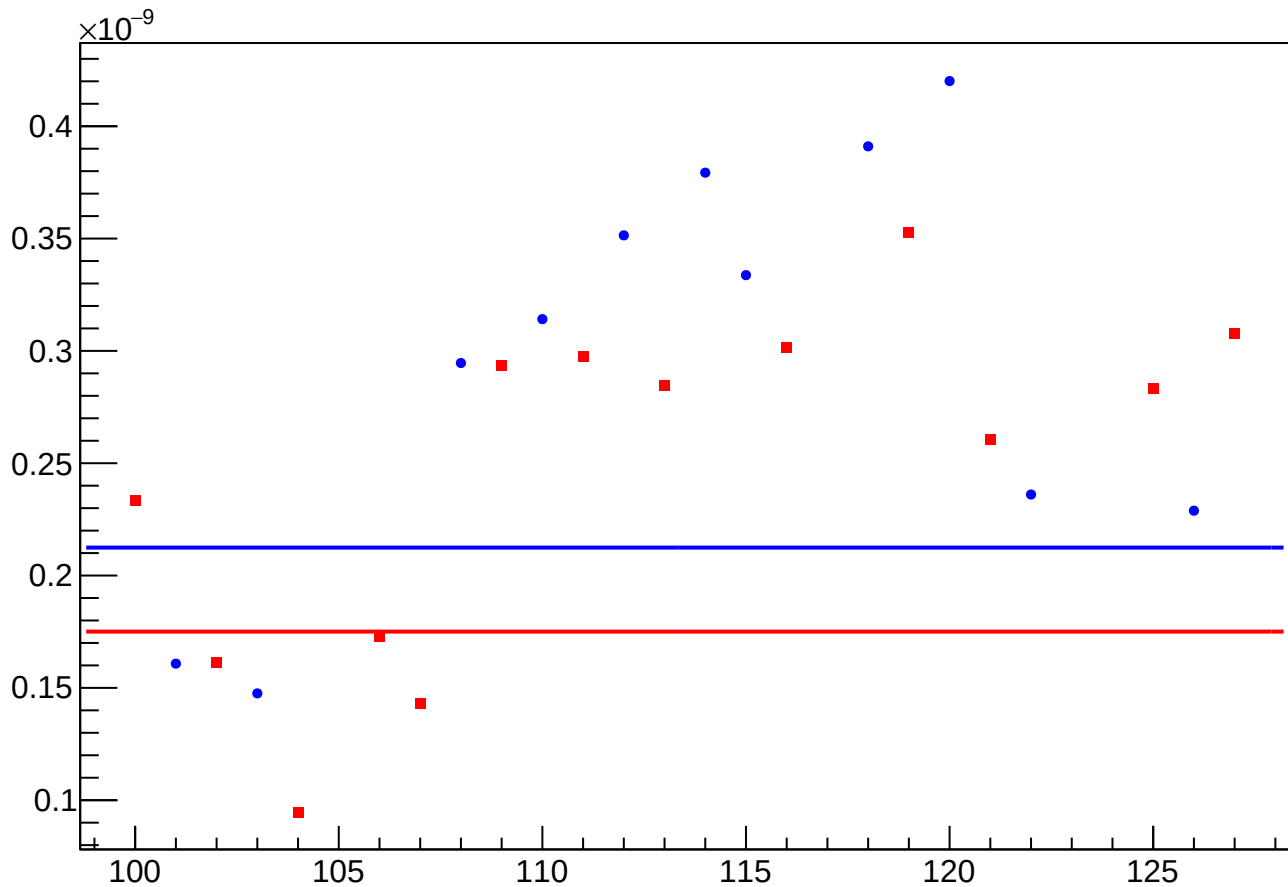
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.9/23

- 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 : 774987.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1257744.4/12

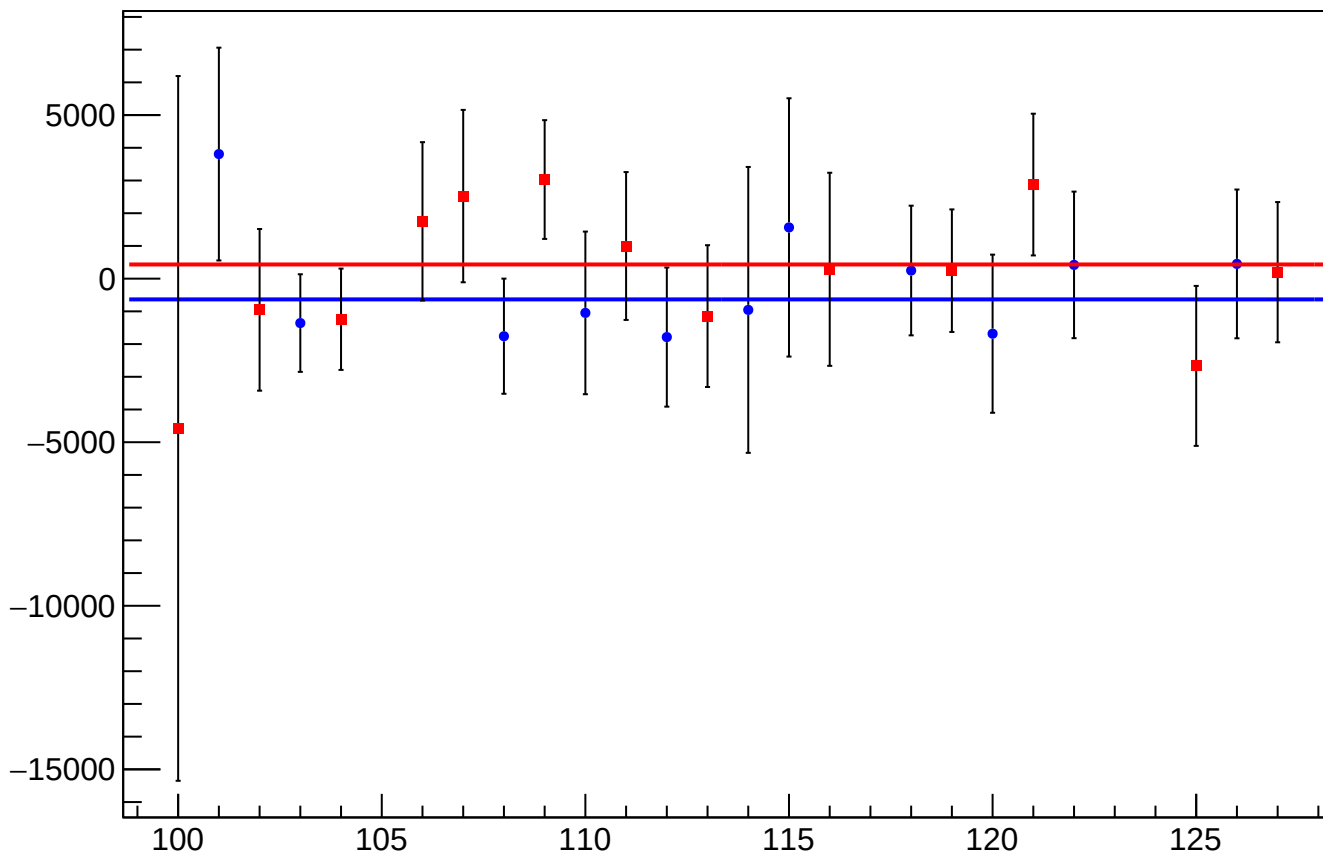
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2129187.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_dd_mean vs Slug



Right In: -634.448+/-676.571 χ^2/NDF : 4.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 433.350+/-618.491 χ^2/NDF : 8.2/12

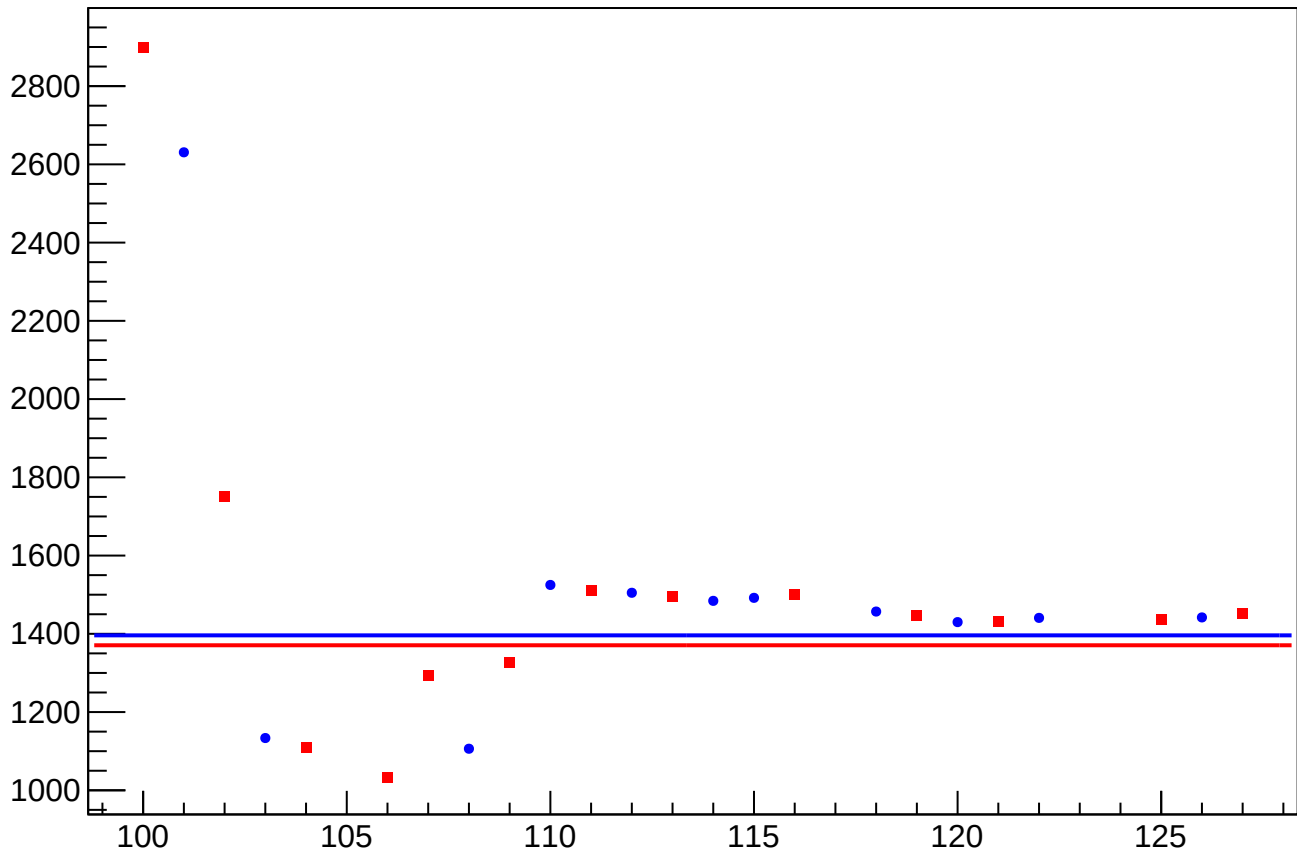
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -52.758+/-456.494 χ^2/NDF : 13.5/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1396.071+/-0.478 χ^2/NDF : 420880.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1370.722+/-0.433 χ^2/NDF : 224639.3/12

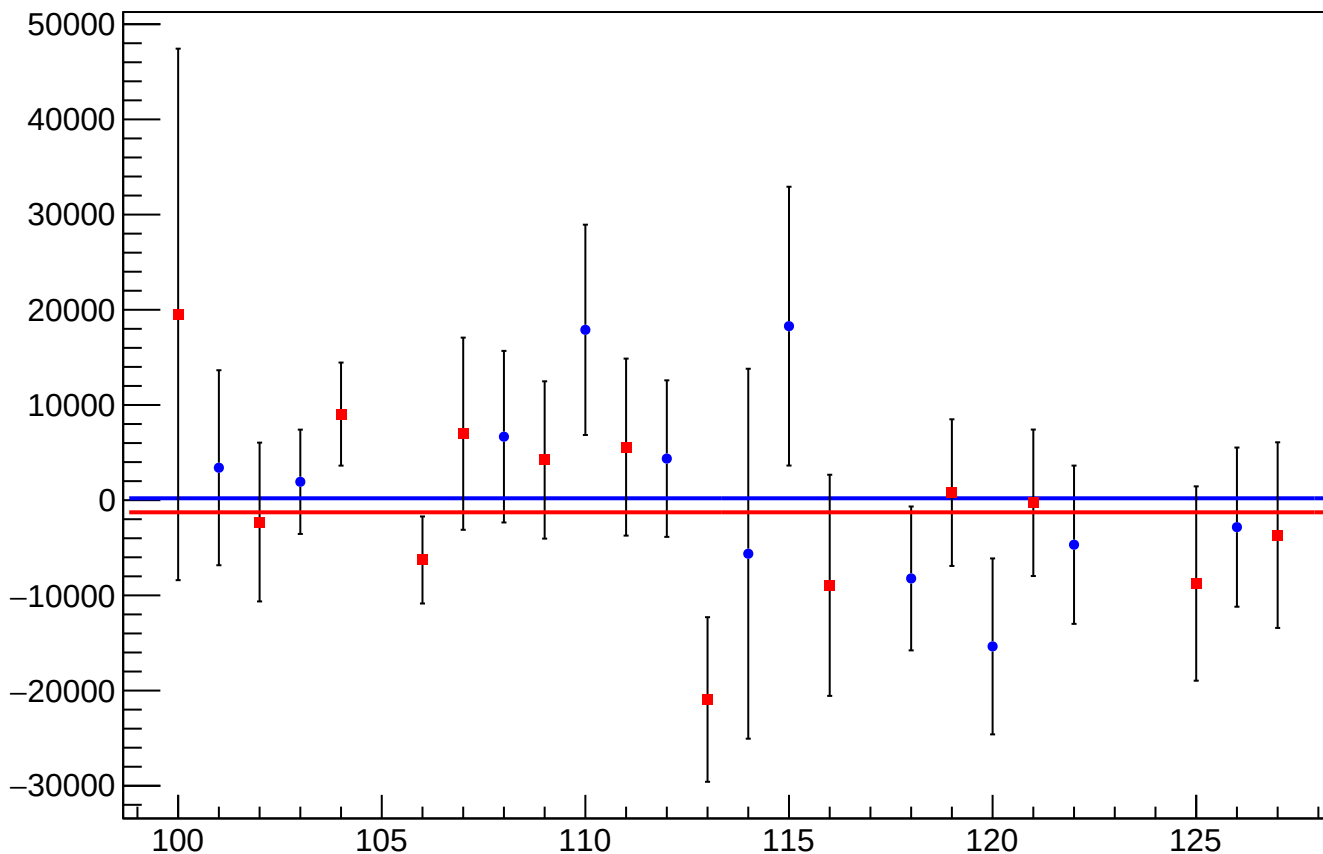
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1382.144+/-0.321 χ^2/NDF : 647062.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_reg_correction_mean vs Slug



Right In: 199.303+/-2640.159 χ^2/NDF : 9.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

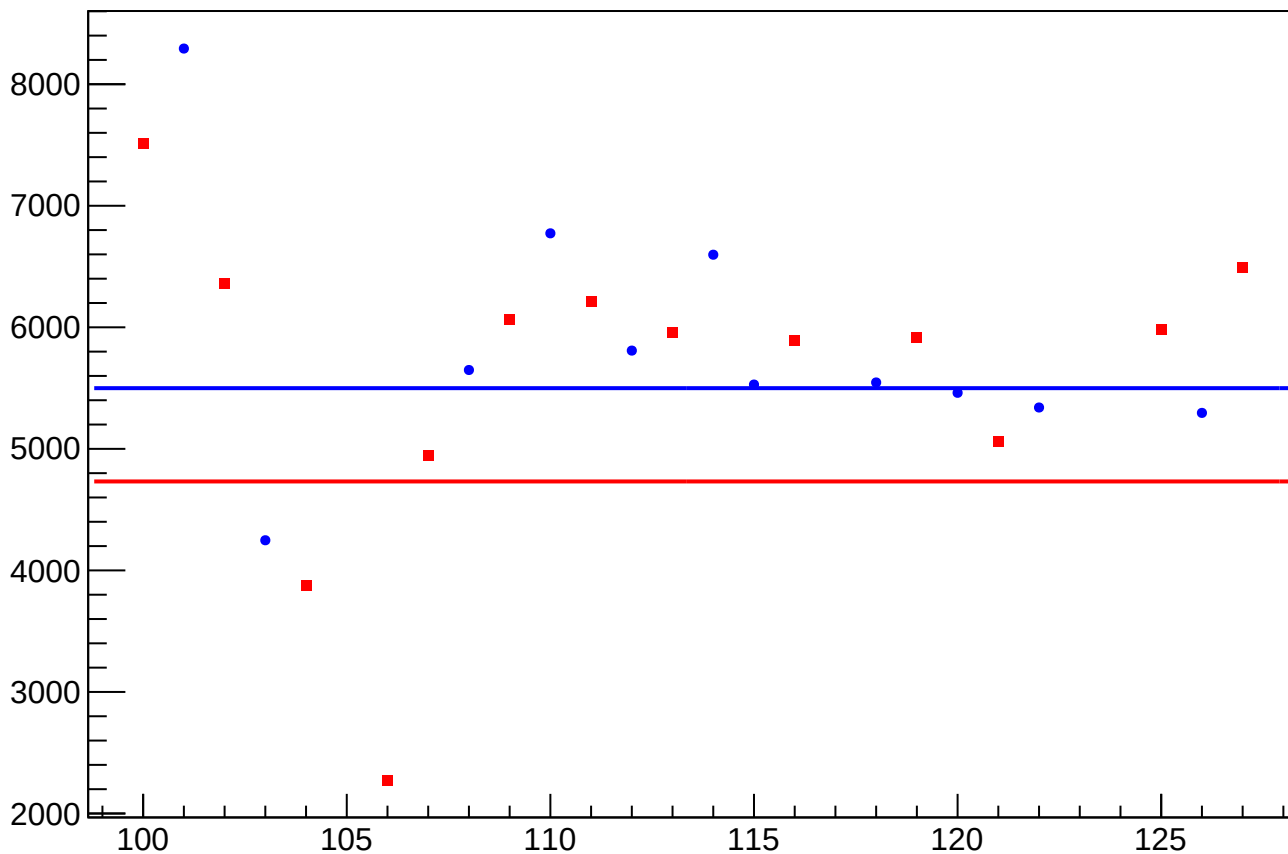
Right Out: -1273.338+/-2190.883 χ^2/NDF : 13.4/12

All: -672.795+/-1685.984 χ^2/NDF : 23.2/23

- 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_reg_correction_rms vs Slug



Right In: 5499.383+/-1.867 χ^2/NDF : 291579.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

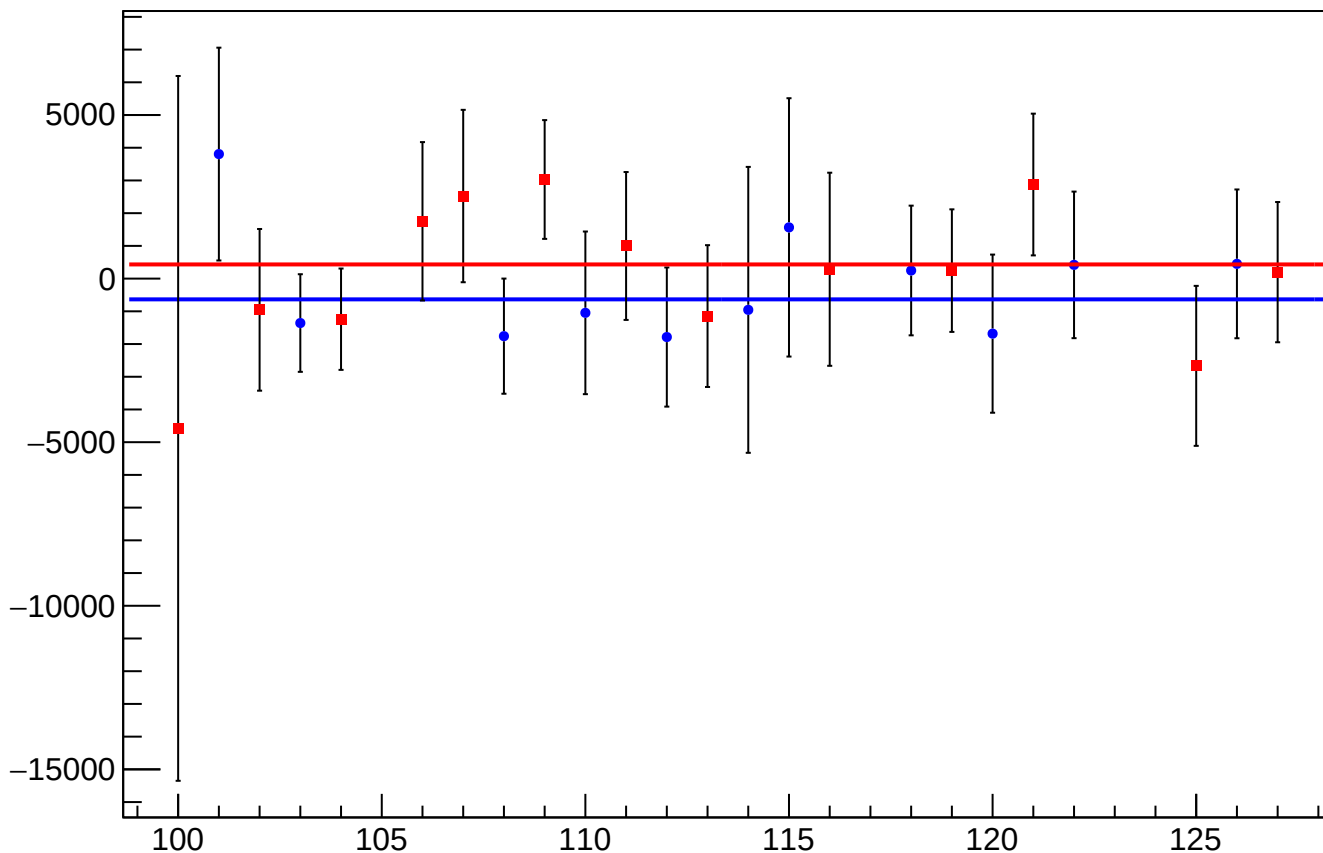
Right Out: 4731.852+/-1.549 χ^2/NDF : 1034578.2/12

All: 5044.851+/-1.192 χ^2/NDF : 1426256.7/23

- 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_dd_mean vs Slug



Right In: -634.588+/-676.571 χ^2/NDF : 4.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 433.130+/-618.491 χ^2/NDF : 8.2/12

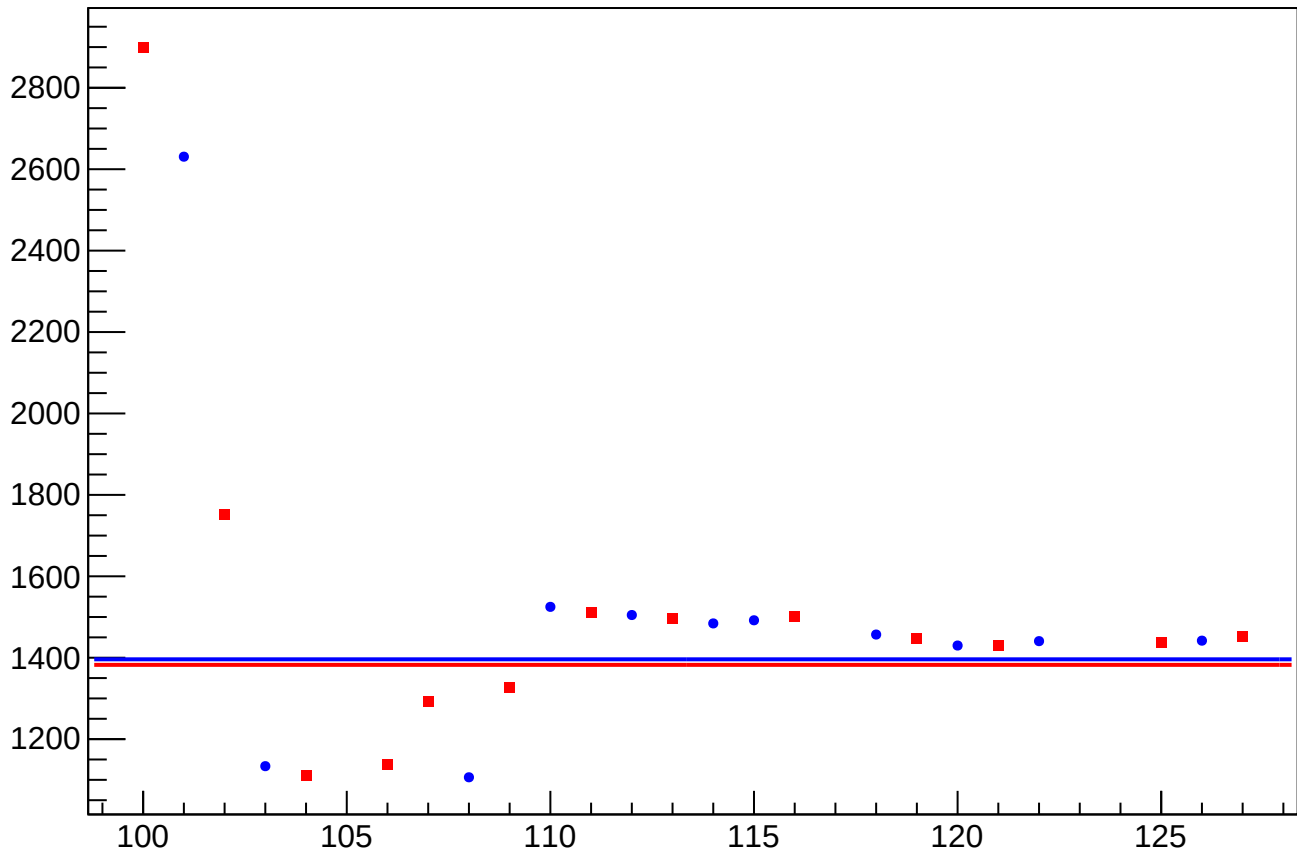
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -52.941+/-456.494 χ^2/NDF : 13.5/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1396.071+/-0.478 χ^2/NDF : 420880.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1382.466+/-0.436 χ^2/NDF : 194084.3/12

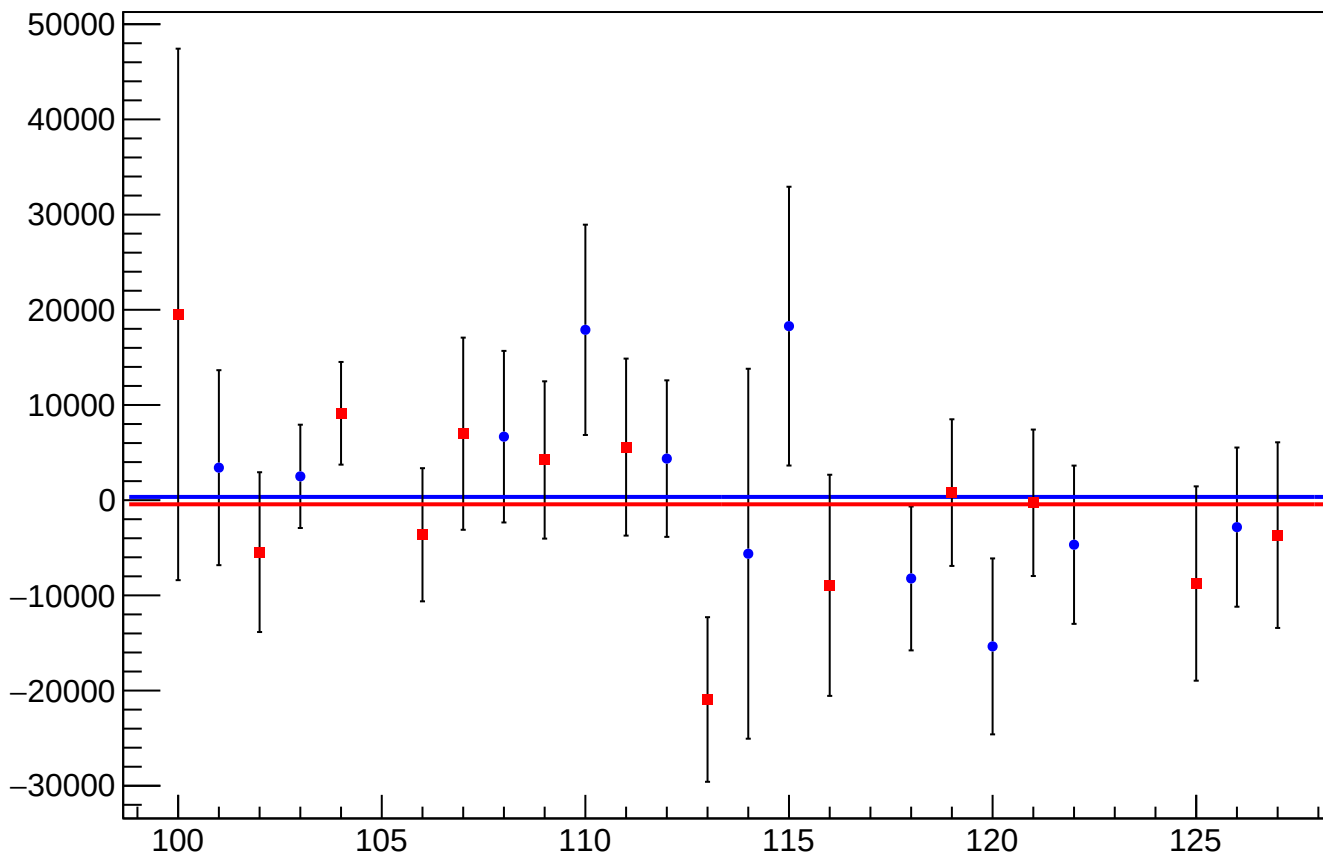
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1388.640+/-0.322 χ^2/NDF : 615406.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_cor_correction_mean vs Slug



Right In: 341.988+/-2634.220 χ^2/NDF : 9.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -432.976+/-2350.589 χ^2/NDF : 12.5/12

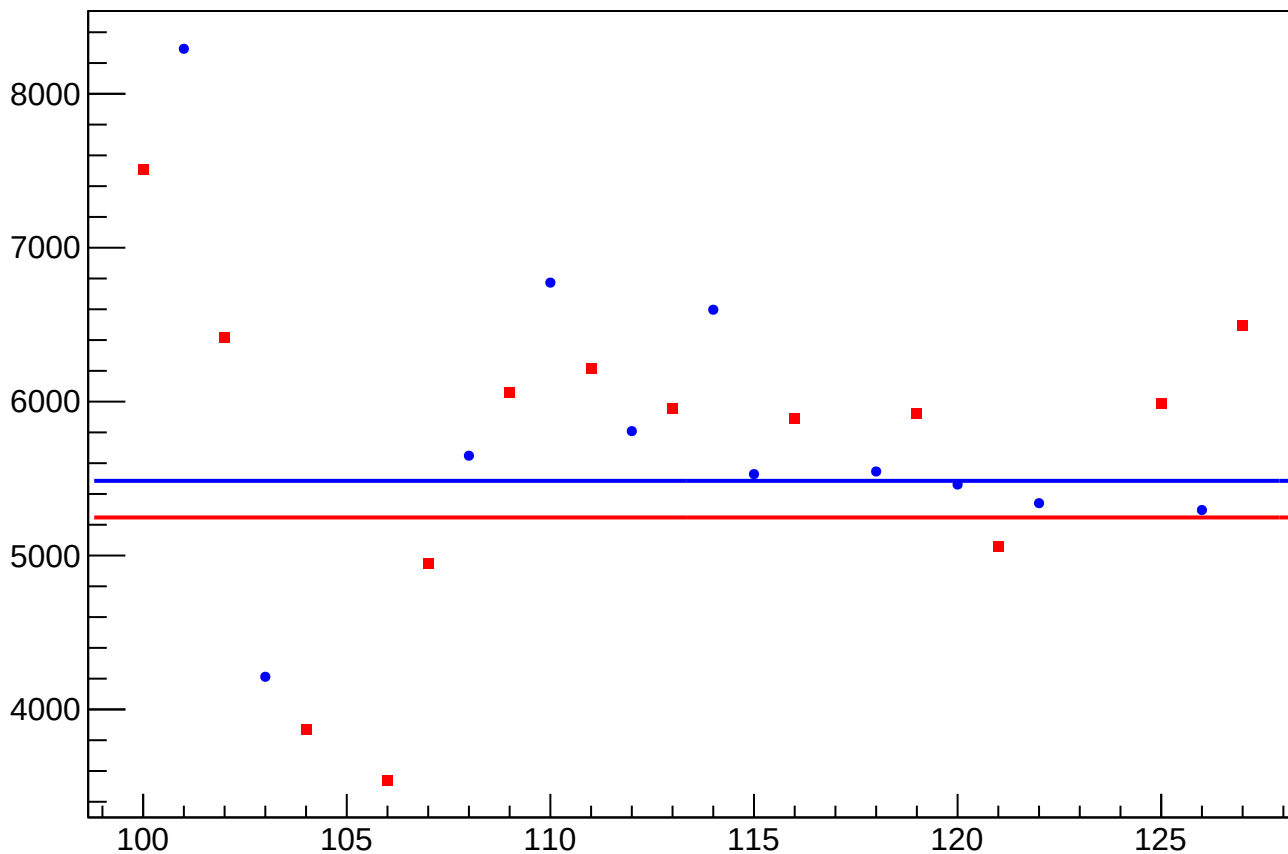
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -89.446+/-1753.854 χ^2/NDF : 22.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_cor_correction_rms vs Slug



Right In: 5485.323+/-1.863 χ^2/NDF : 299649.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

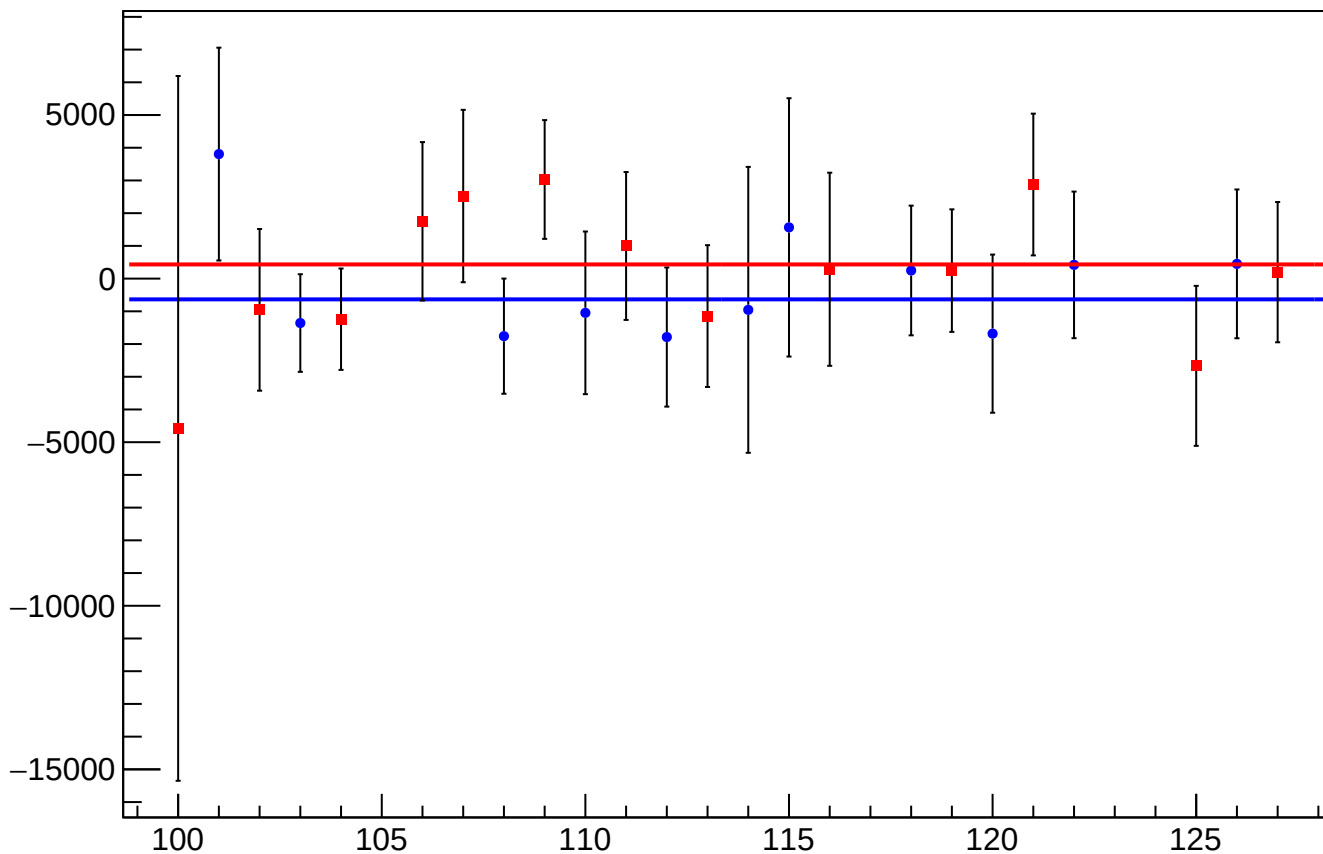
Right Out: 5247.359+/-1.662 χ^2/NDF : 423812.4/12

All: 5352.845+/-1.240 χ^2/NDF : 732548.3/23

- 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_us_avg_at2lr_avg_dd_mean vs Slug



Right In: -634.588+/-676.571 χ^2/NDF : 4.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 433.130+/-618.491 χ^2/NDF : 8.2/12

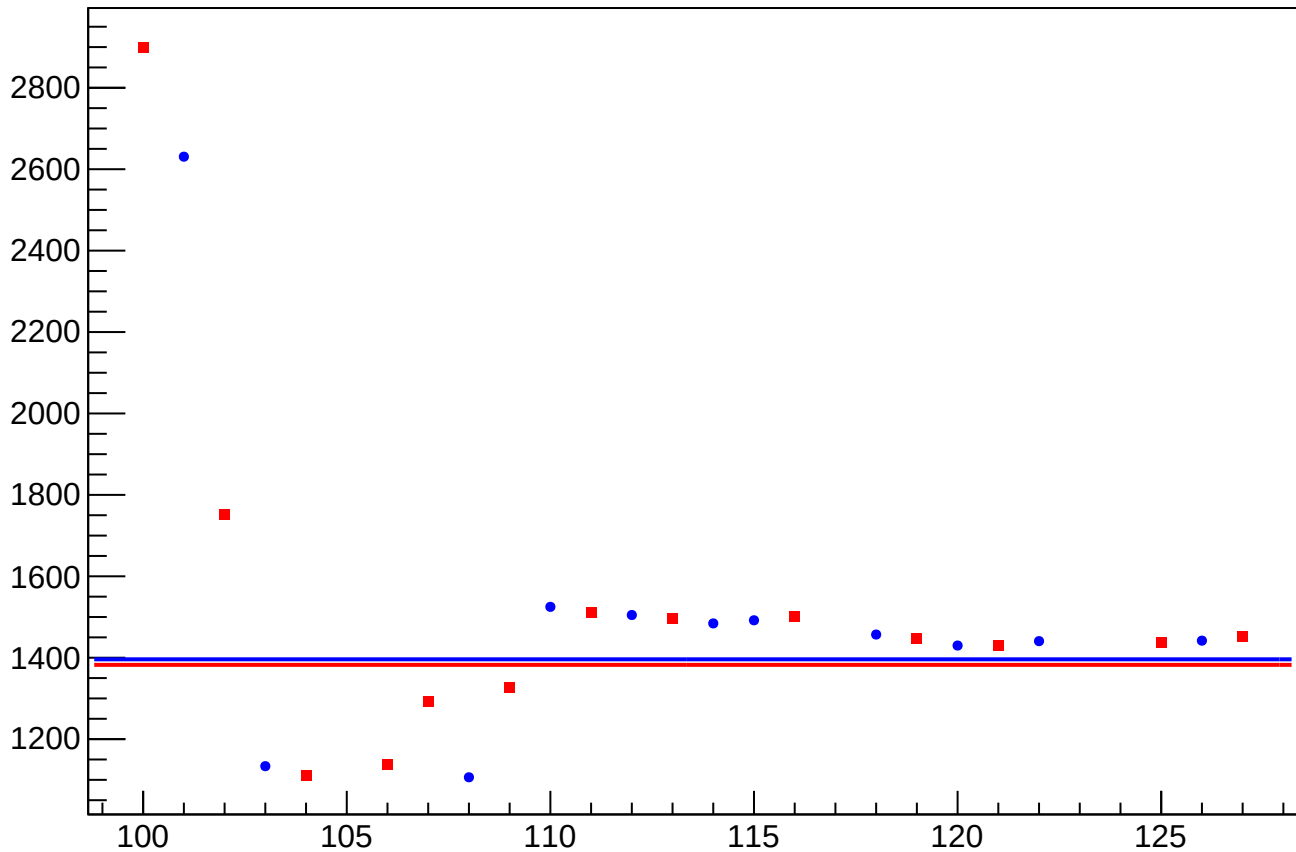
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -52.941+/-456.494 χ^2/NDF : 13.5/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1396.071+/-0.478 χ^2/NDF : 420880.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

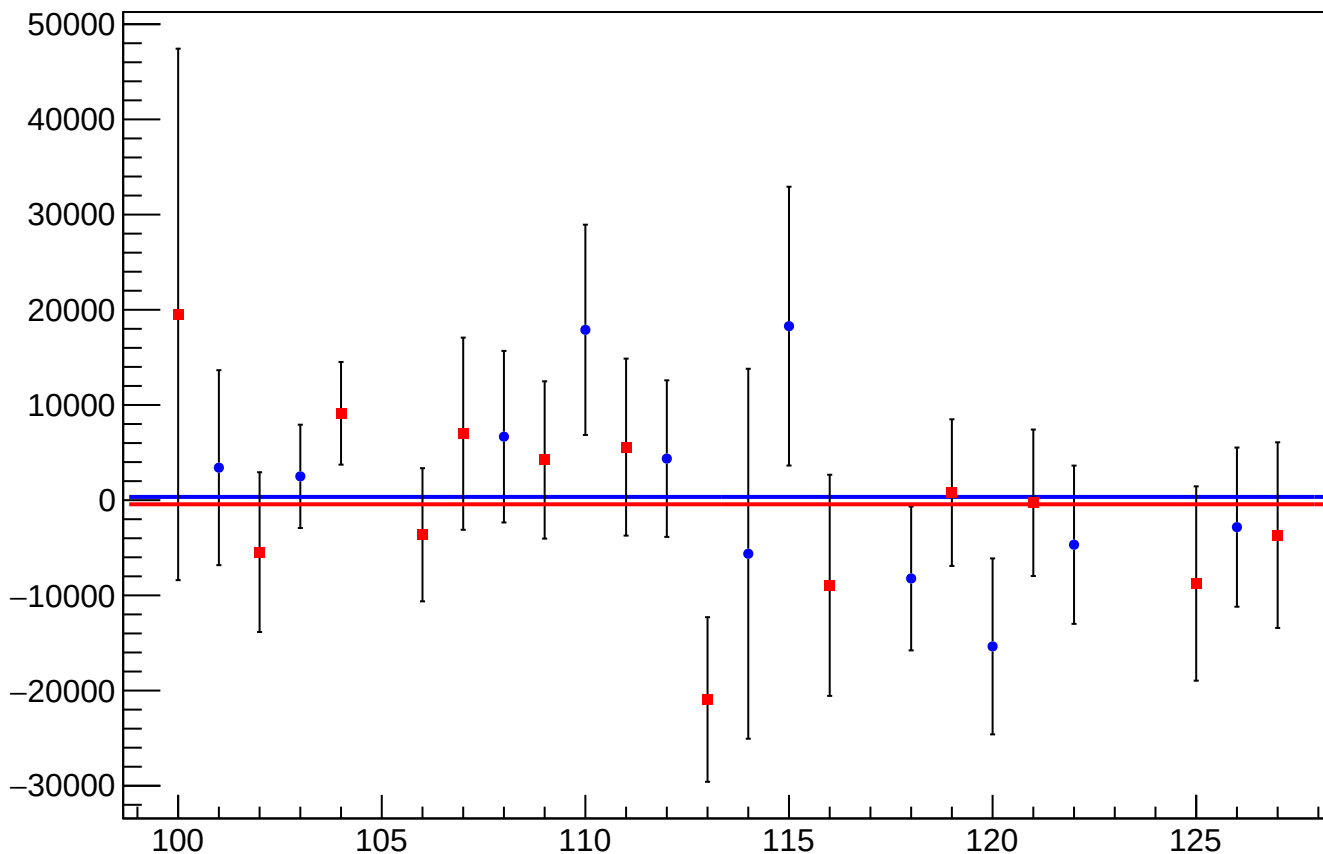
Right Out: 1382.466+/-0.436 χ^2/NDF : 194084.3/12

All: 1388.640+/-0.322 χ^2/NDF : 615406.8/23

- 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_eigen_cor_correction_mean vs Slug



Right In: 341.988+/-2634.220 χ^2/NDF : 9.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -432.976+/-2350.589 χ^2/NDF : 12.5/12

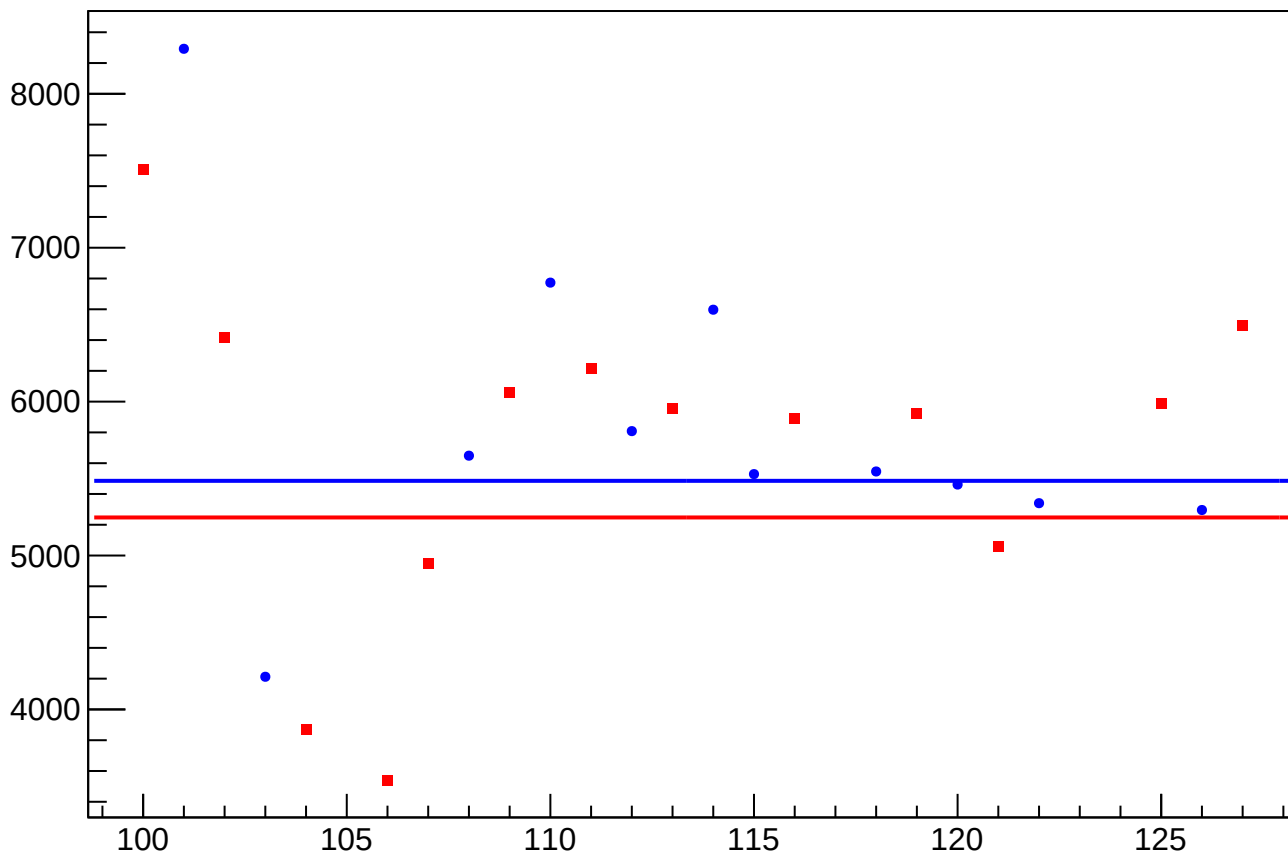
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -89.446+/-1753.854 χ^2/NDF : 22.3/23

- 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: 5485.323 $\pm$ 1.863 χ^2 /NDF: 299649.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5247.359 $\pm$ 1.662 χ^2 /NDF: 423812.4/12

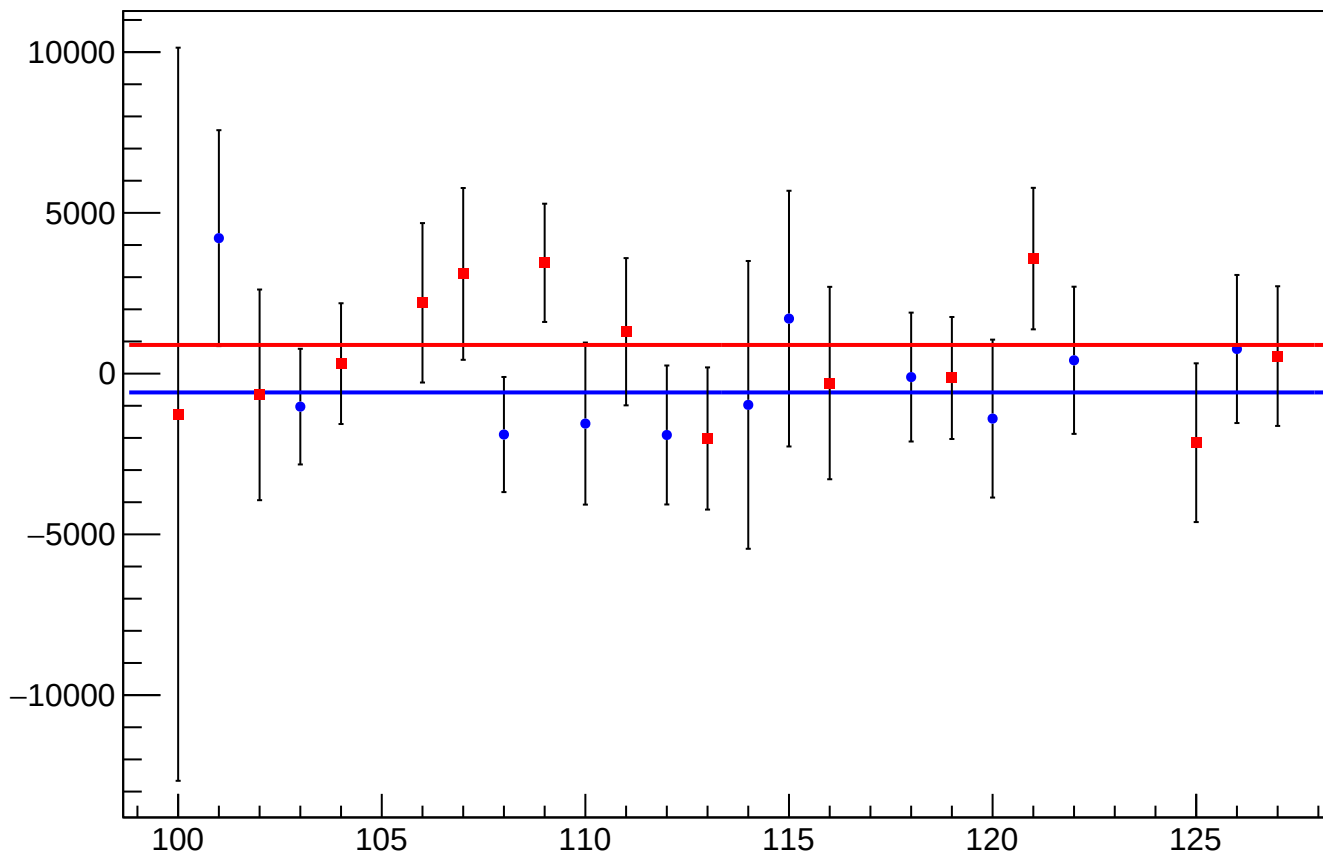
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5352.845 $\pm$ 1.240 χ^2 /NDF: 732548.3/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_us_avg_at2lr_avg_dd_mean vs Slug



Right In: -585.038+/-709.141 χ^2/NDF : 4.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 891.824+/-652.366 χ^2/NDF : 8.5/12

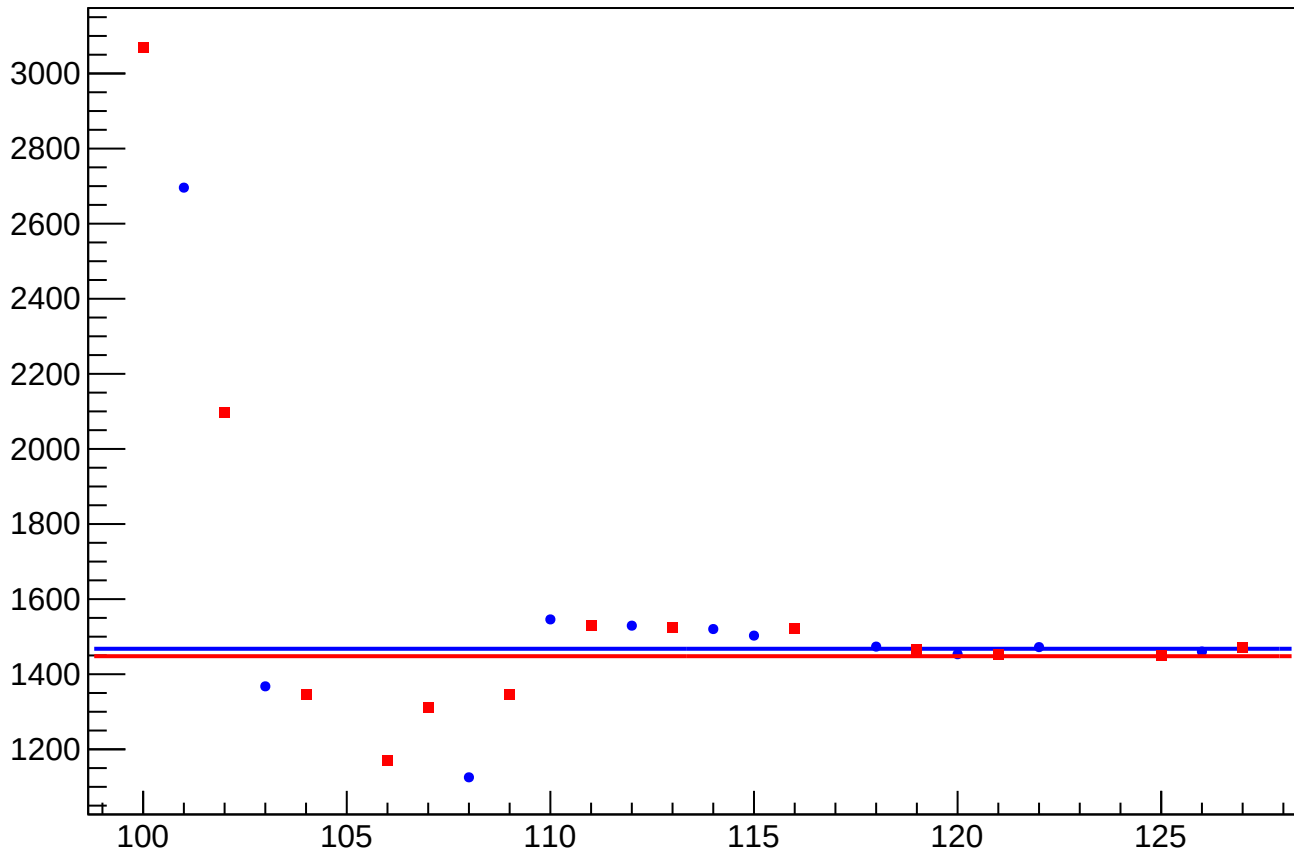
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.871+/-480.111 χ^2/NDF : 15.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1467.778 $\pm$ 0.501 χ^2 /NDF: 351004.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1447.994 $\pm$ 0.461 χ^2 /NDF: 168117.3/12

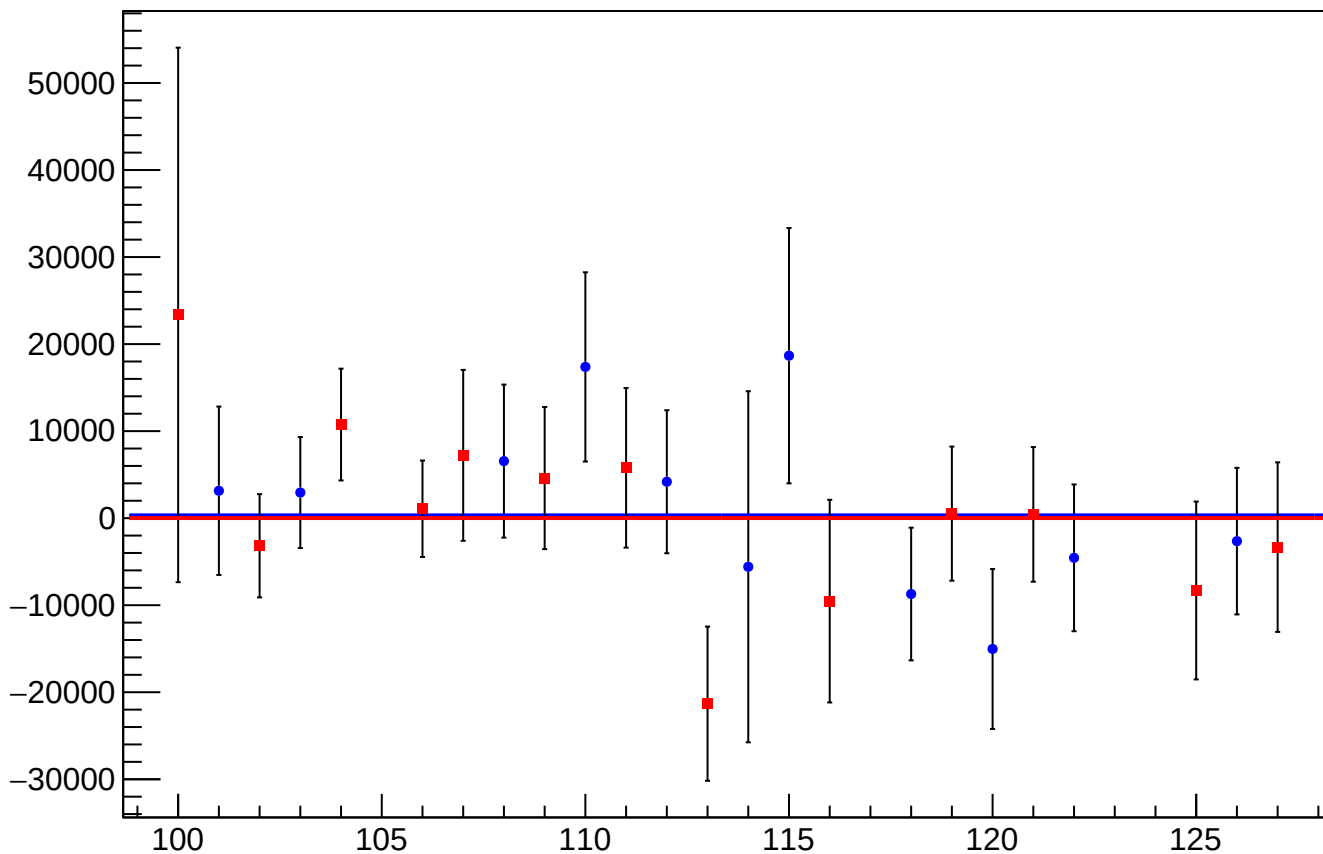
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1457.059 $\pm$ 0.339 χ^2 /NDF: 519964.9/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_dit_correction_mean vs Slug



Right In: 319.563+/-2713.504 χ^2/NDF : 9.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.363+/-2250.868 χ^2/NDF : 12.2/12

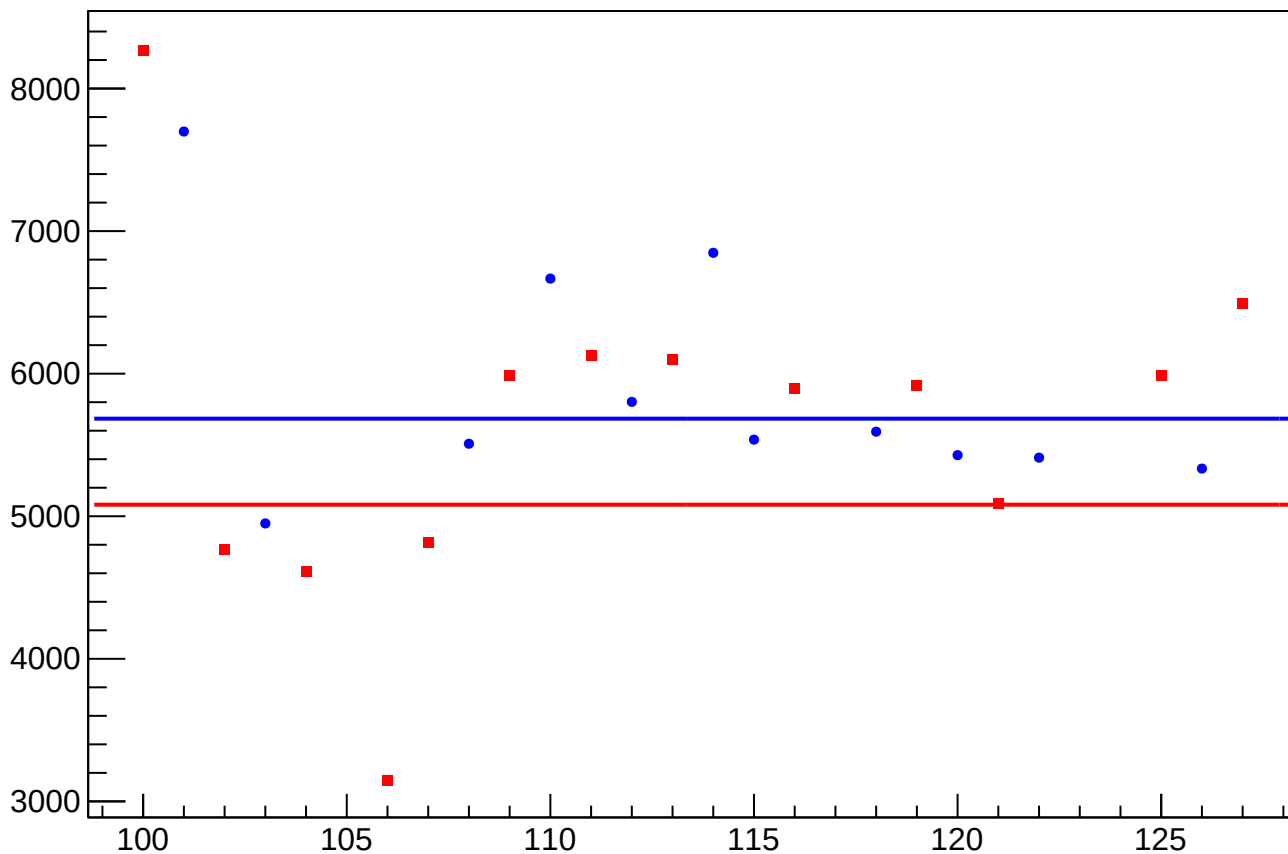
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.173+/-1732.421 χ^2/NDF : 22.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_dit_correction_rms vs Slug



Right In: 5684.525+/-1.919 χ^2/NDF : 145014.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

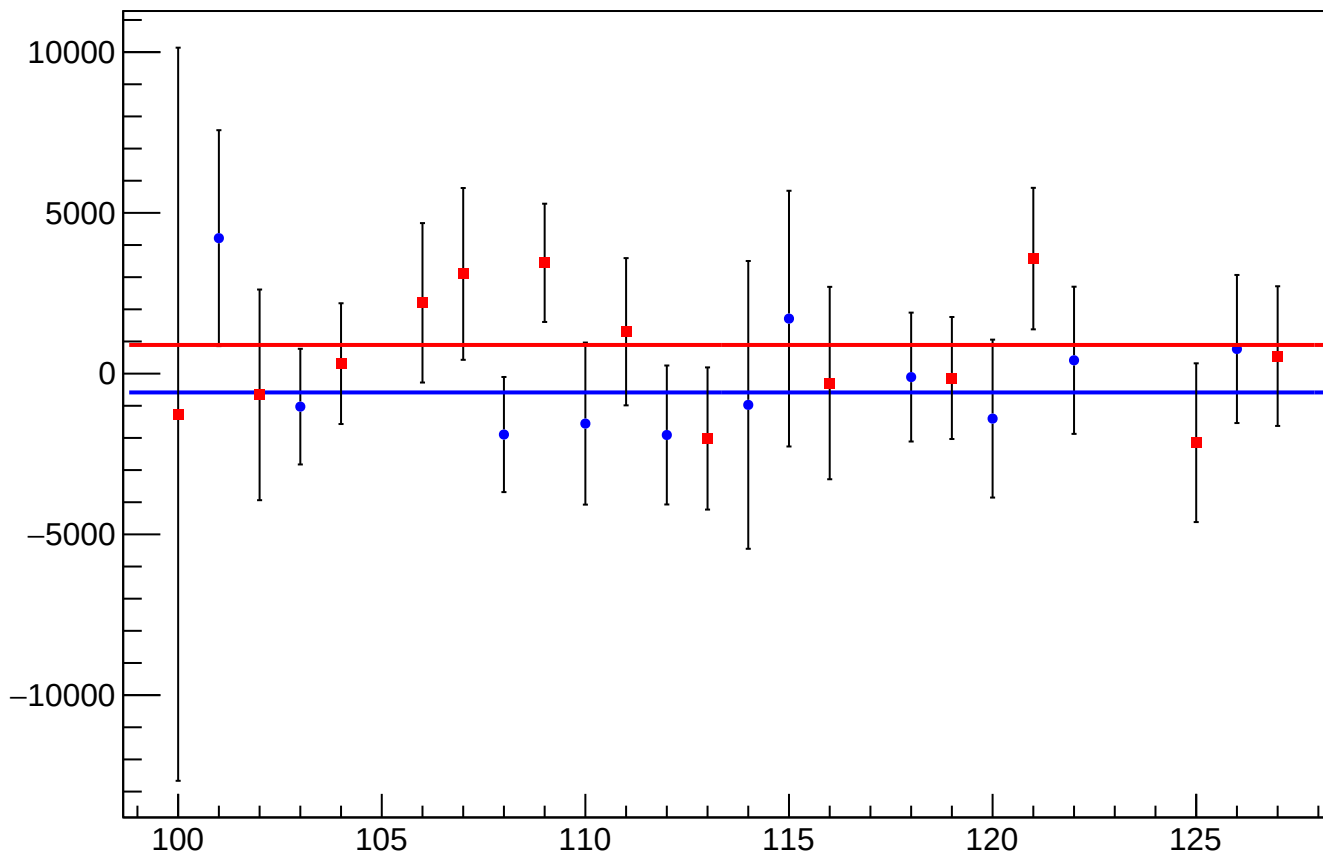
Right Out: 5081.055+/-1.592 χ^2/NDF : 450975.3/12

All: 5327.036+/-1.225 χ^2/NDF : 654588.3/23

- 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_dd_mean vs Slug



Right In: -585.031+/-709.141 χ^2/NDF : 4.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 891.836+/-652.366 χ^2/NDF : 8.5/12

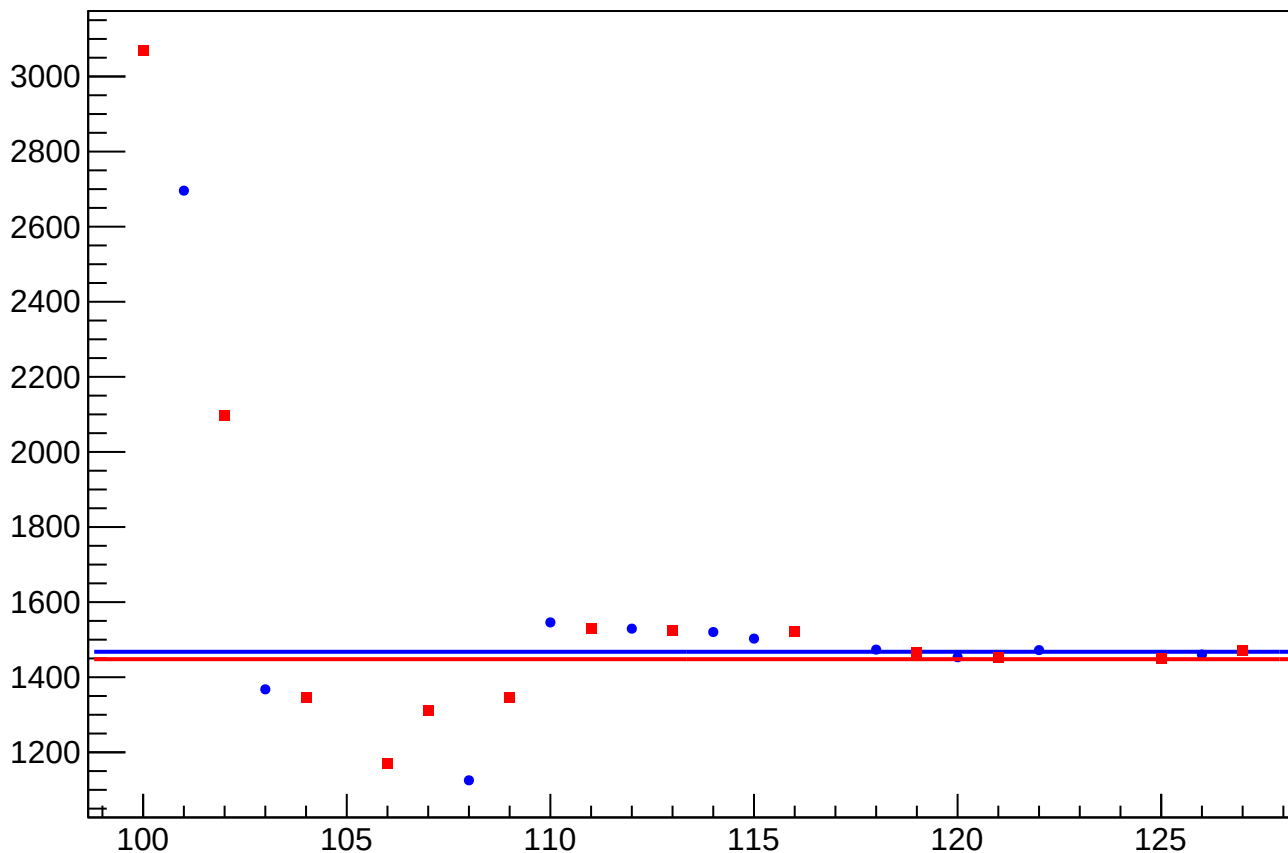
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.880+/-480.111 χ^2/NDF : 15.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1467.778+/-0.501 χ^2 /NDF: 351003.5/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1447.995+/-0.461 χ^2 /NDF: 168117.6/12

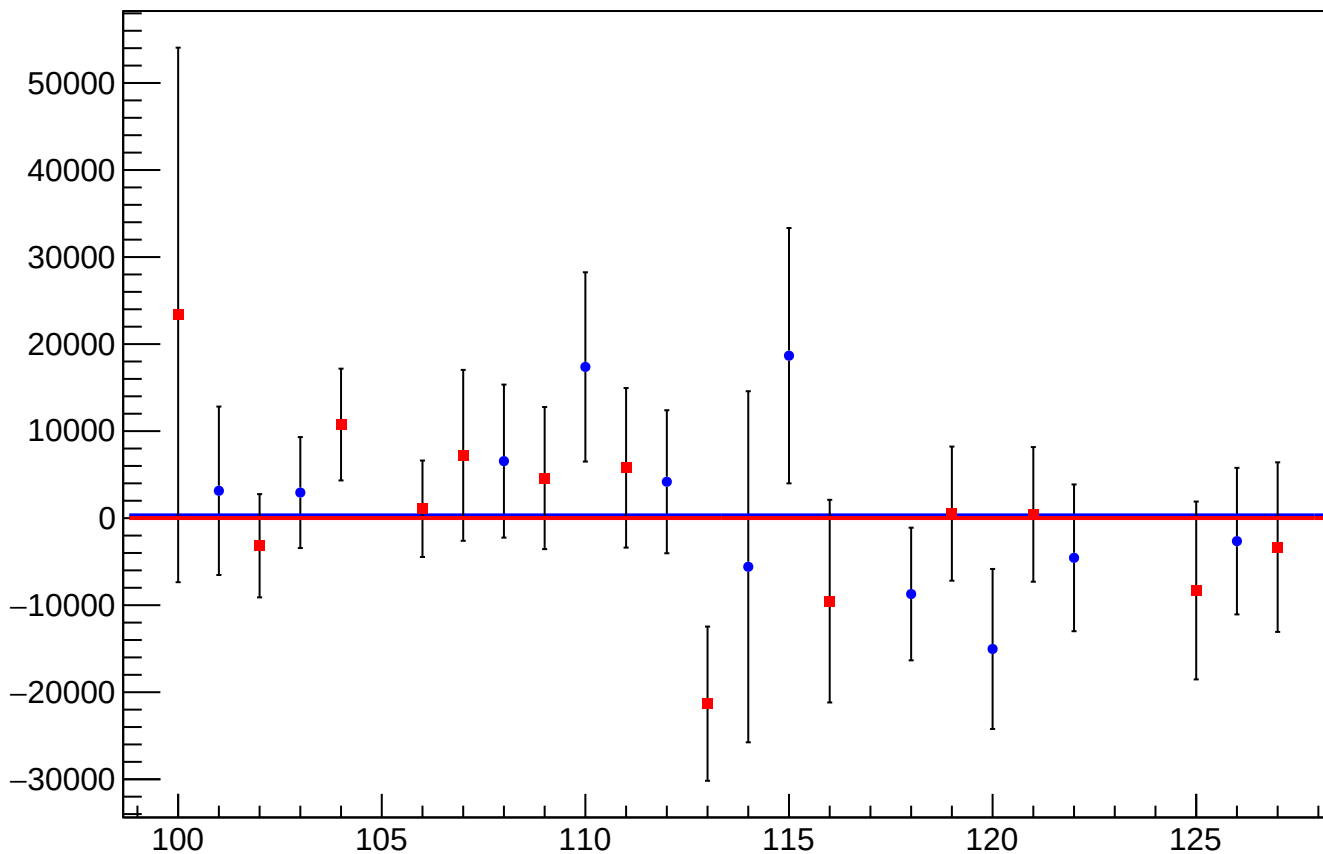
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1457.059+/-0.339 χ^2 /NDF: 519964.5/23

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_mean vs Slug



Right In: 319.550 $\pm$ 2713.497 χ^2 /NDF: 9.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.370 $\pm$ 2250.863 χ^2 /NDF: 12.2/12

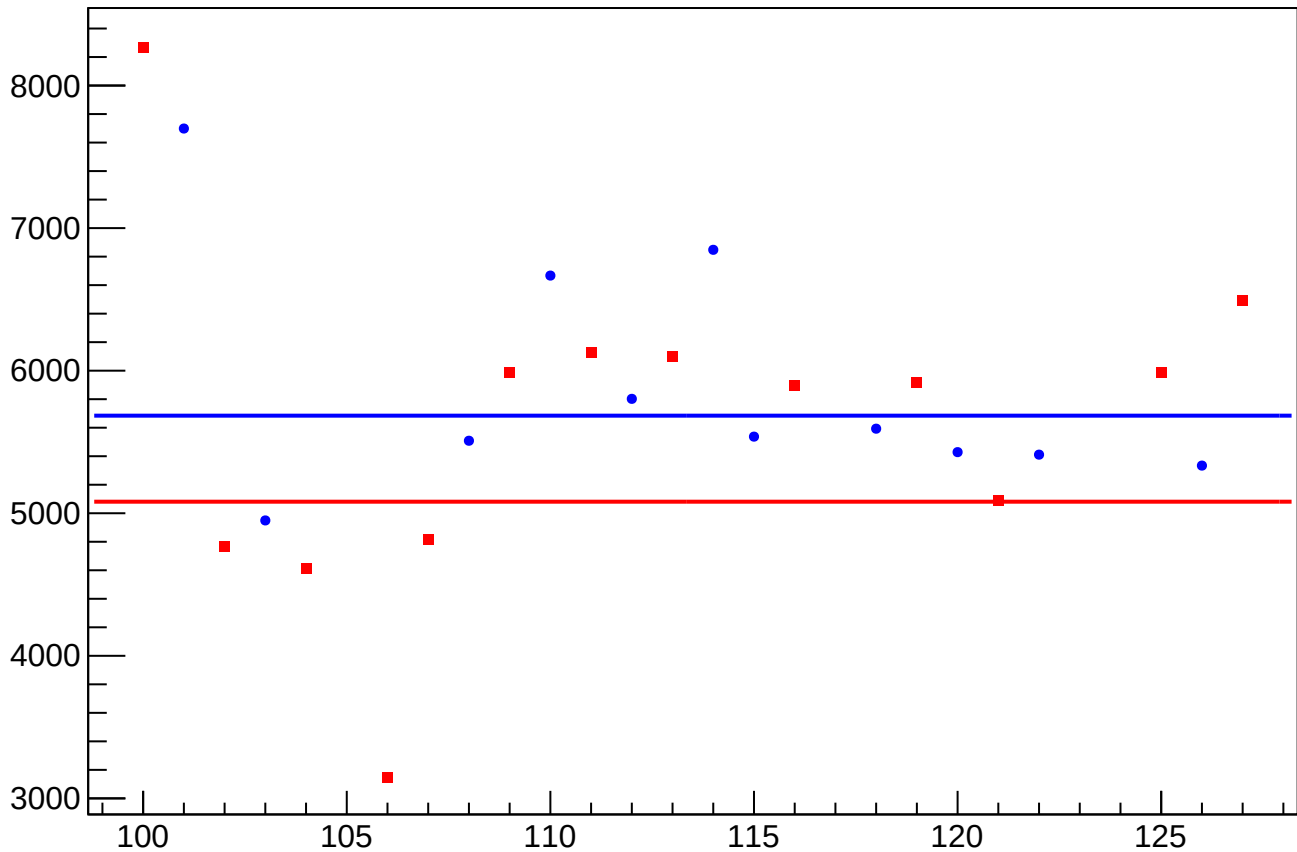
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 138.173 $\pm$ 1732.417 χ^2 /NDF: 22.0/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_rms vs Slug



Right In: 5684.510+/-1.919 χ^2/NDF : 145014.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5081.044+/-1.592 χ^2/NDF : 450974.4/12

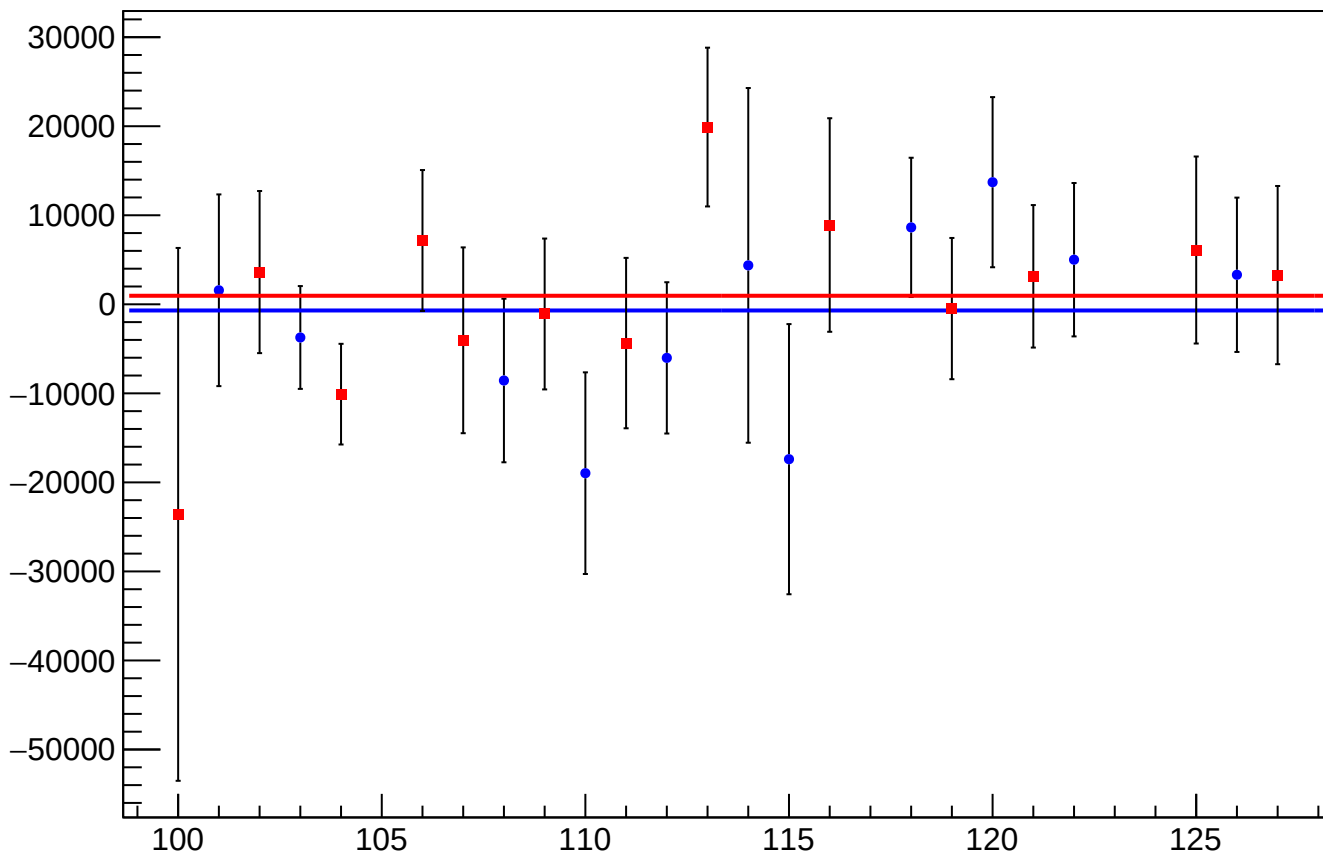
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5327.023+/-1.225 χ^2/NDF : 654587.2/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_mean vs Slug



Right In: -693.229+/-2741.021 χ^2/NDF : 9.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 959.126+/-2465.071 χ^2/NDF : 11.1/12

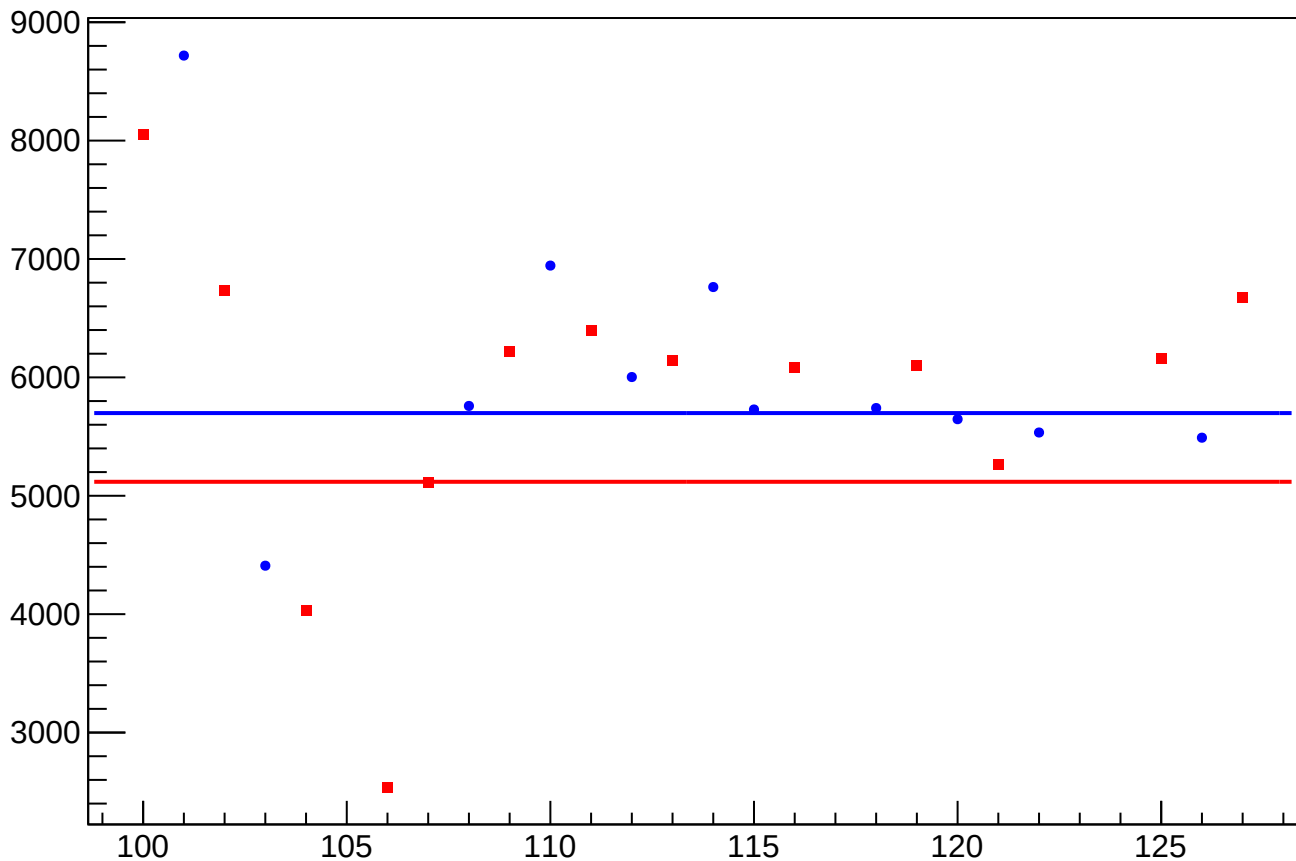
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 220.287+/-1832.887 χ^2/NDF : 21.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 5698.482 $\pm$ 1.938 χ^2 /NDF: 291651.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5118.079 $\pm$ 1.667 χ^2 /NDF: 779425.5/12

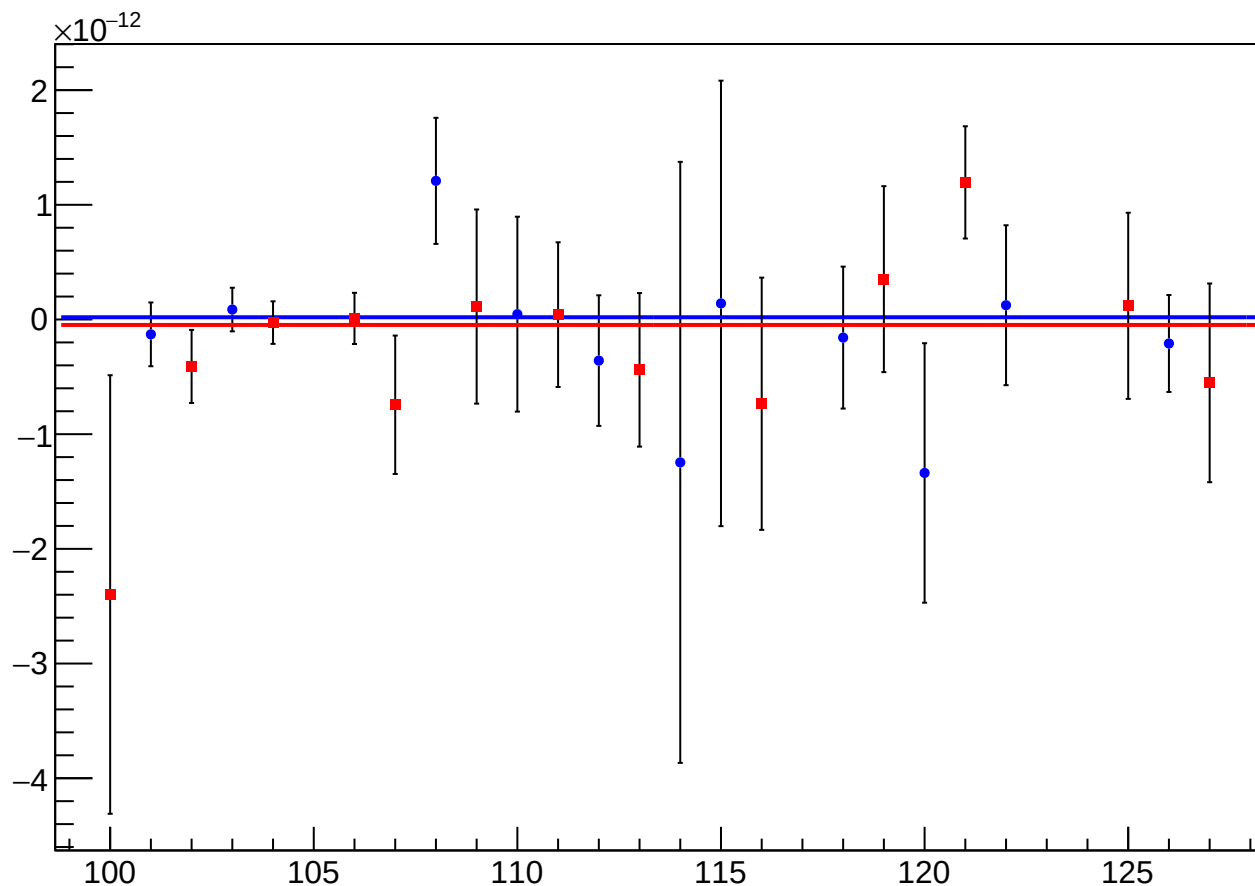
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5364.937 $\pm$ 1.264 χ^2 /NDF: 1122610.9/23

- sign 0.000 $\pm$ 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 : 7.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.1/12

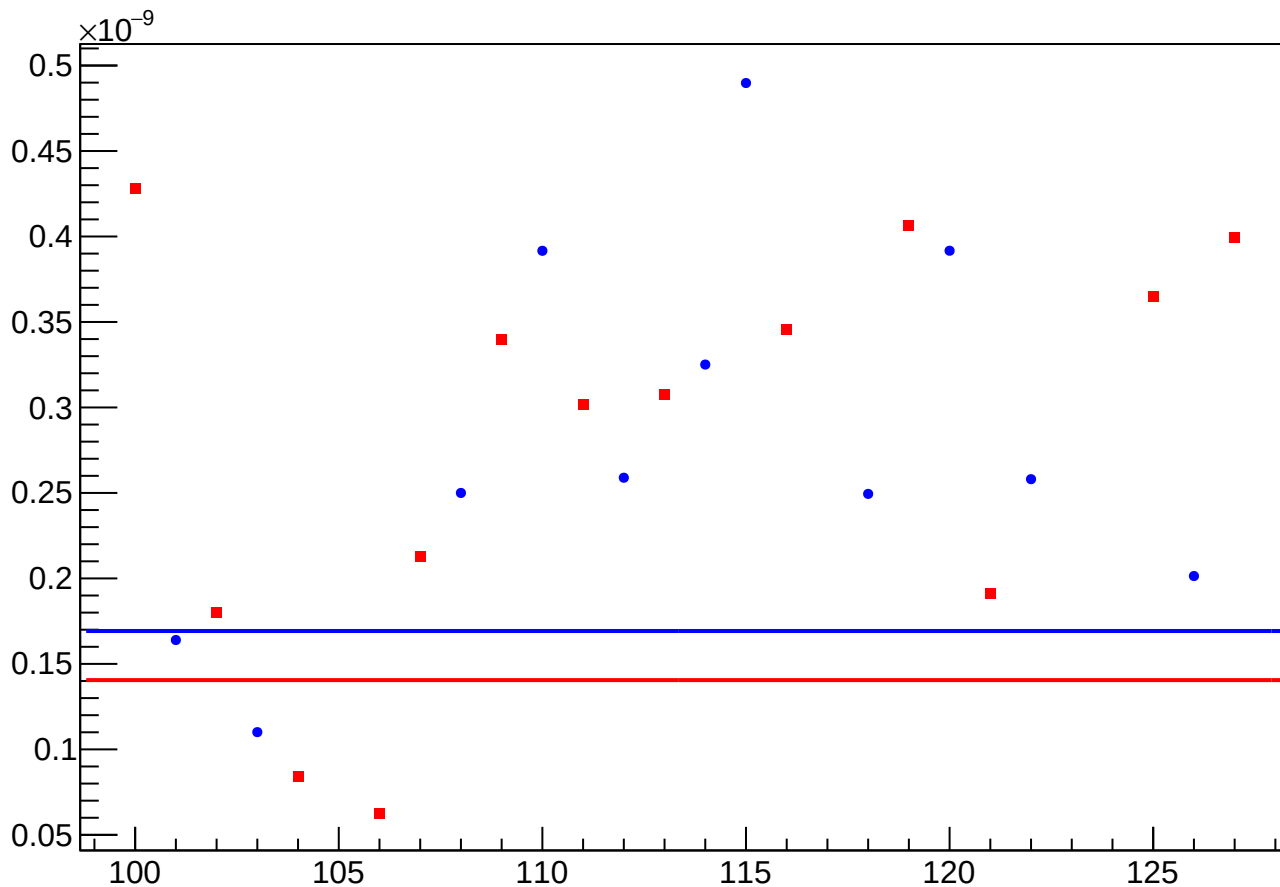
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.8/23

- 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+/-0.000 χ^2/NDF : 640620.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1536710.8/12

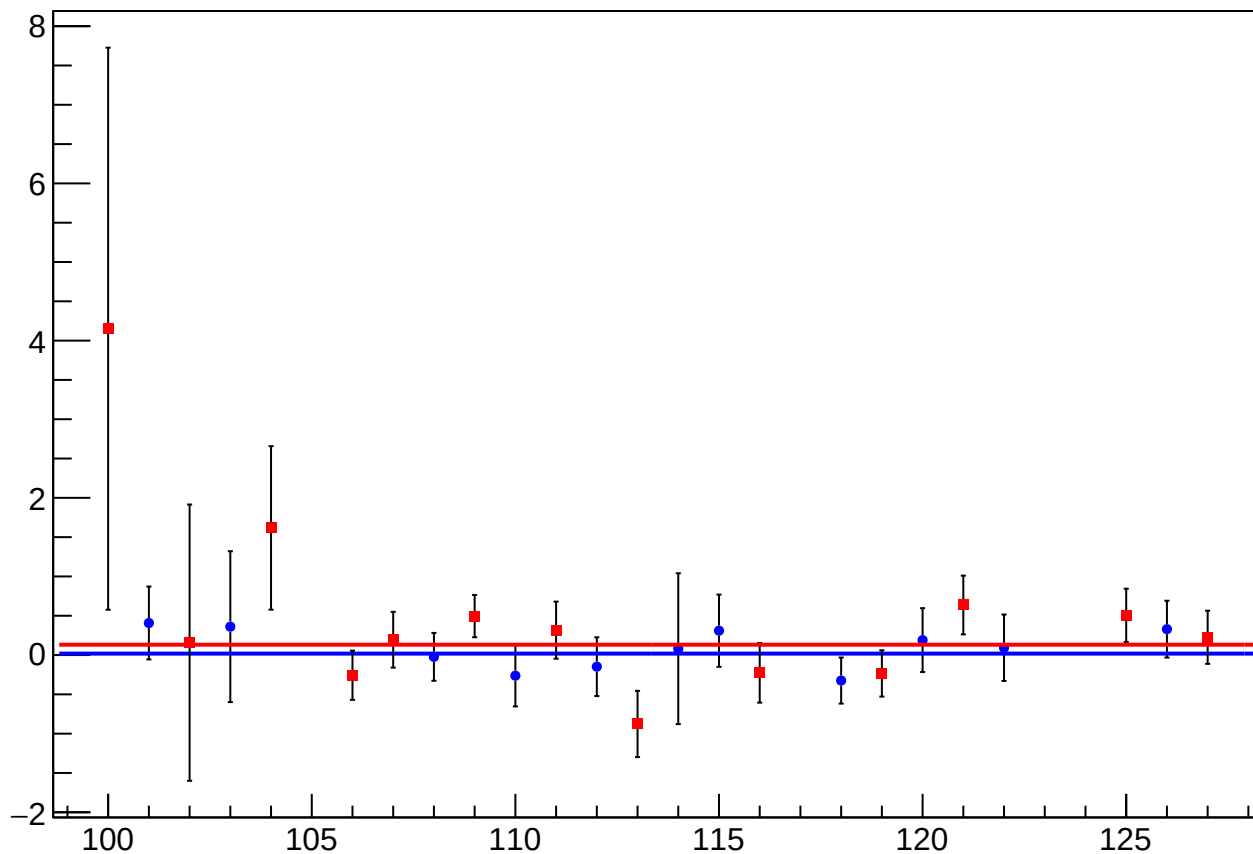
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2233067.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.018 $\pm$ 0.122 χ^2 /NDF: 4.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.132 $\pm$ 0.106 χ^2 /NDF: 18.2/12

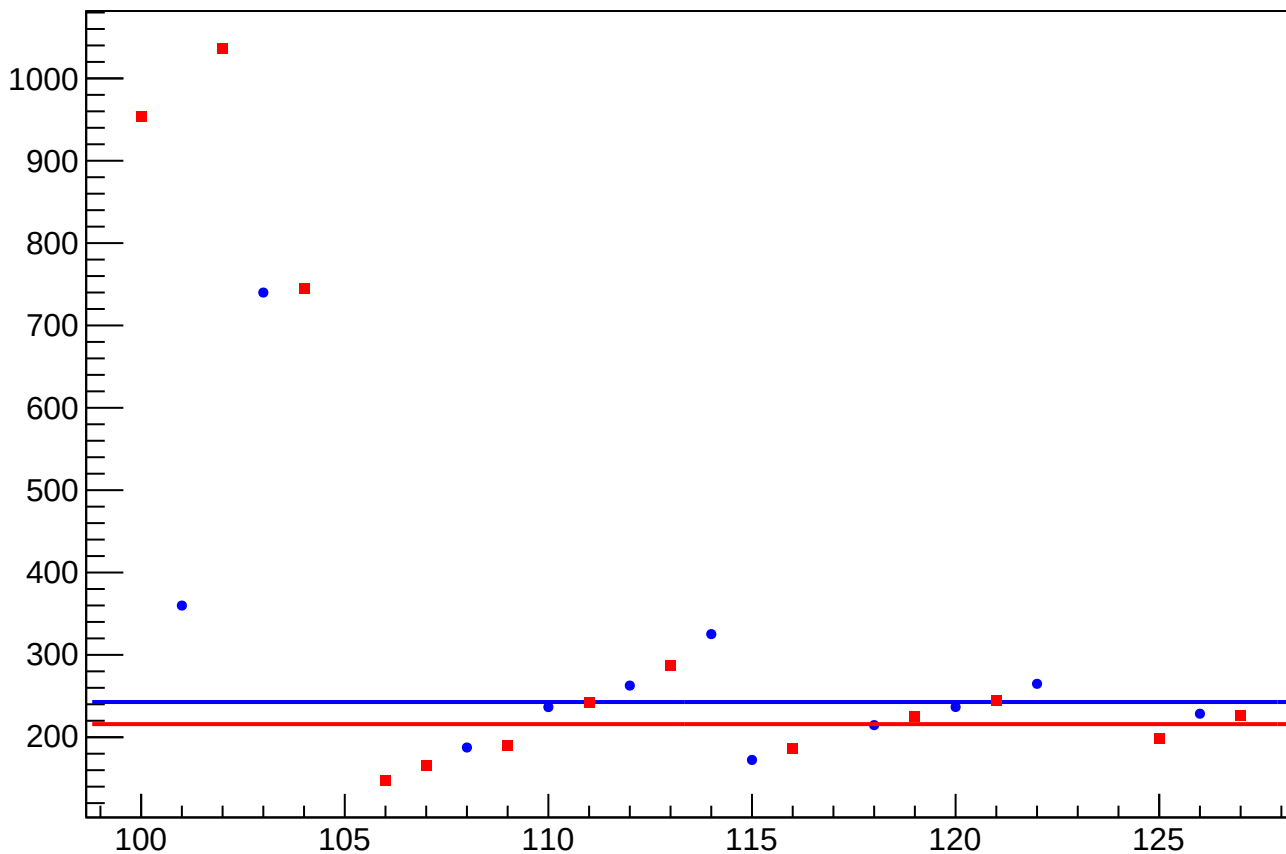
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.083 $\pm$ 0.080 χ^2 /NDF: 23.0/23

- 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: 242.752+/-0.086 χ^2/NDF : 825347.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 215.919+/-0.075 χ^2/NDF : 1294250.4/12

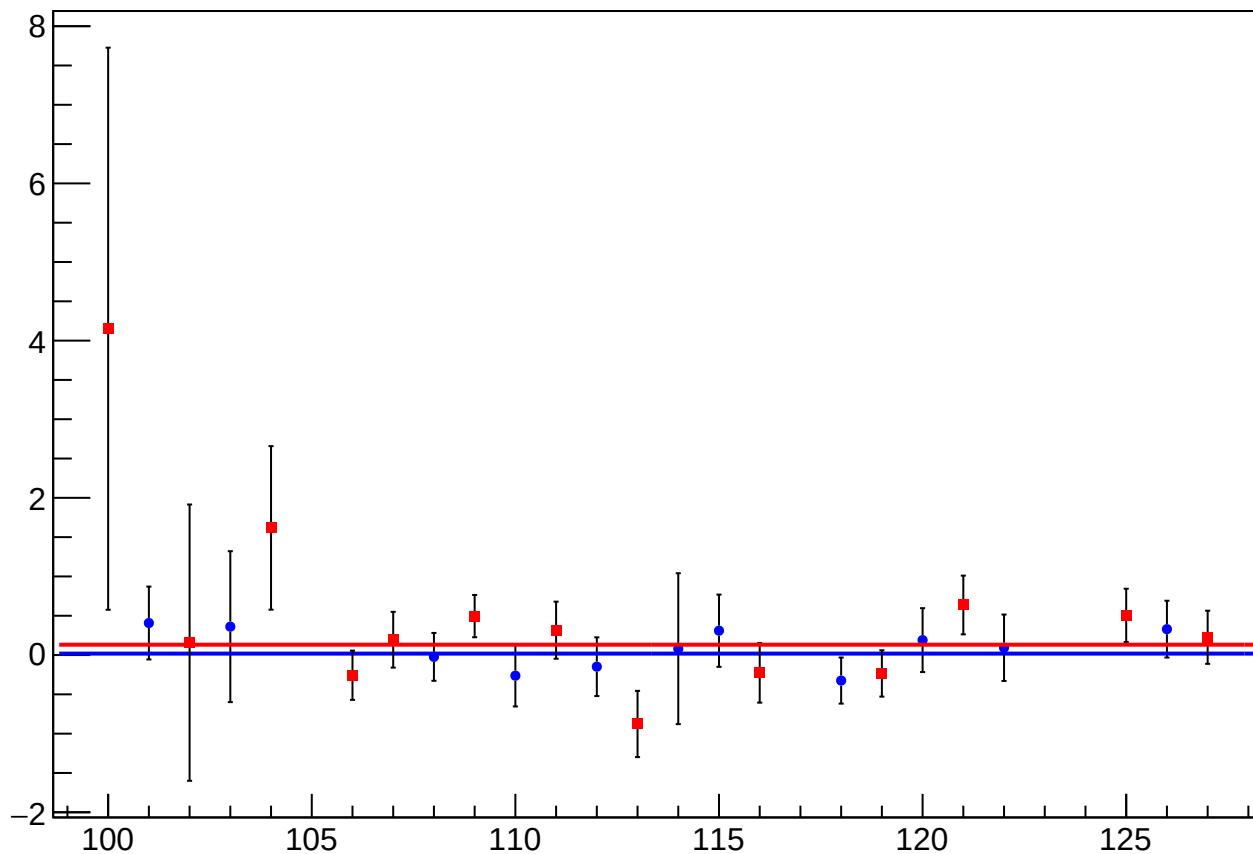
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.398+/-0.056 χ^2/NDF : 2174819.5/23

- 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: 0.018 $\pm$ 0.122 χ^2 /NDF: 4.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.132 $\pm$ 0.106 χ^2 /NDF: 18.2/12

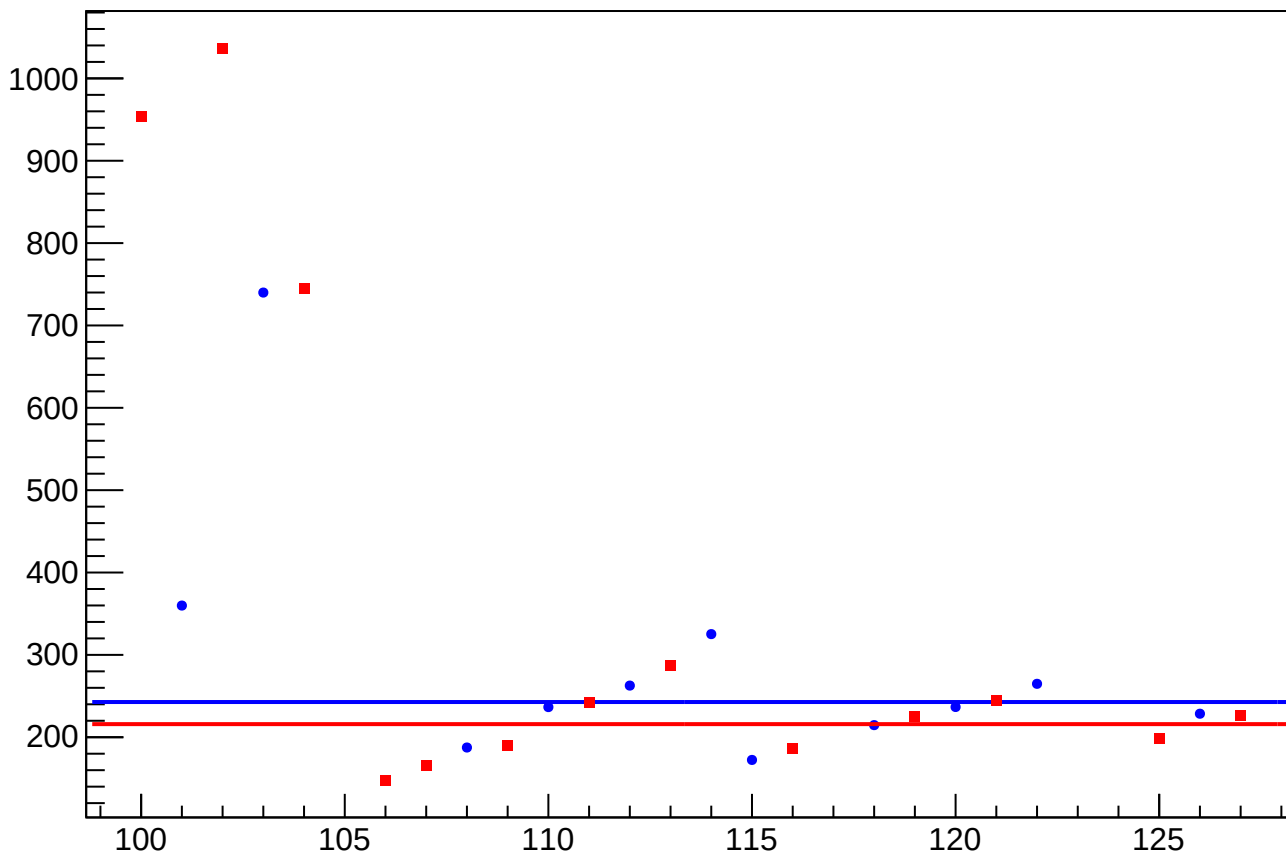
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.083 $\pm$ 0.080 χ^2 /NDF: 23.0/23

- 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: 242.752 $\pm$ 0.086 χ^2 /NDF: 825347.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 215.919 $\pm$ 0.075 χ^2 /NDF: 1294250.4/12

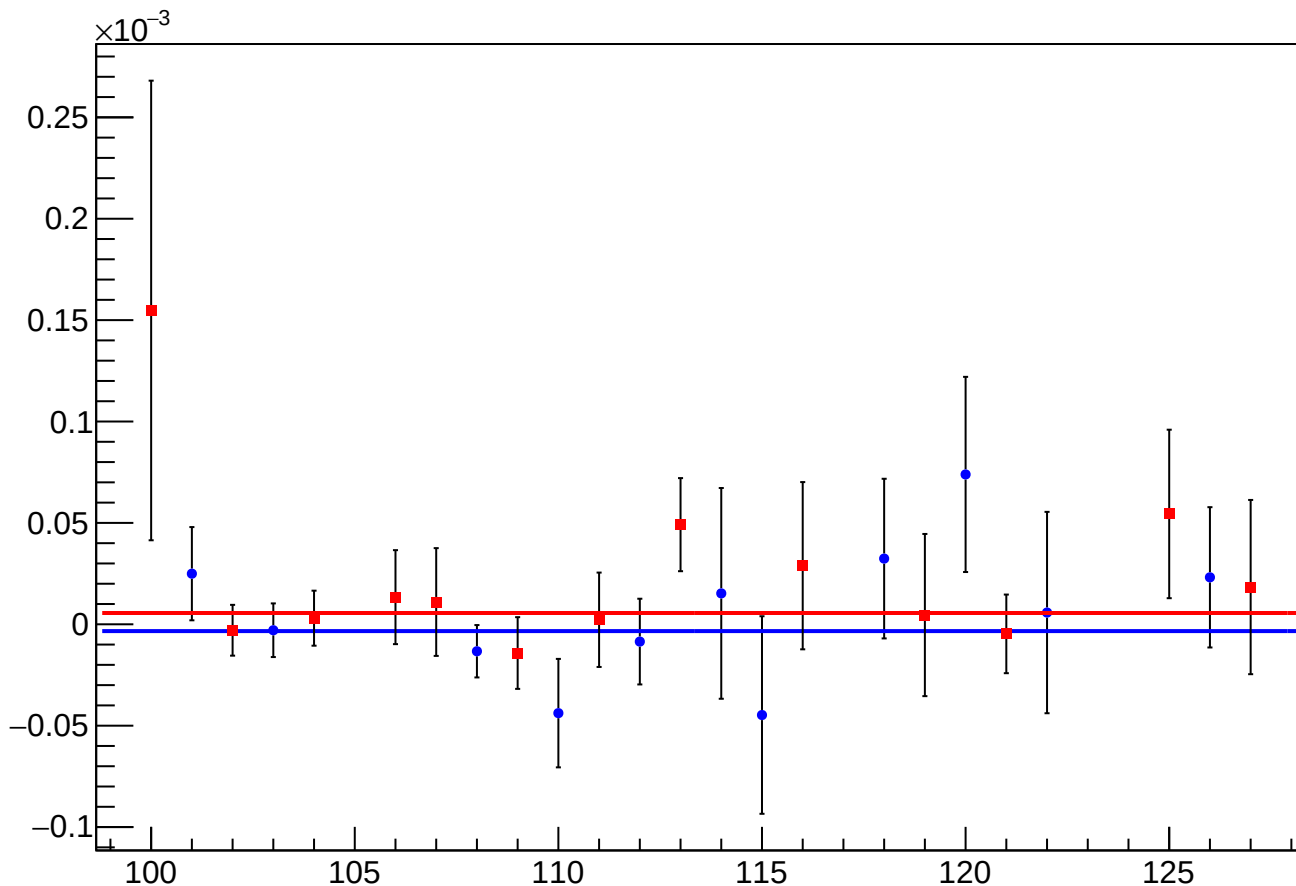
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 227.398 $\pm$ 0.056 χ^2 /NDF: 2174819.5/23

- sign 0.000 $\pm$ 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 ± 0.000 χ^2/NDF : 9.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 9.3/12

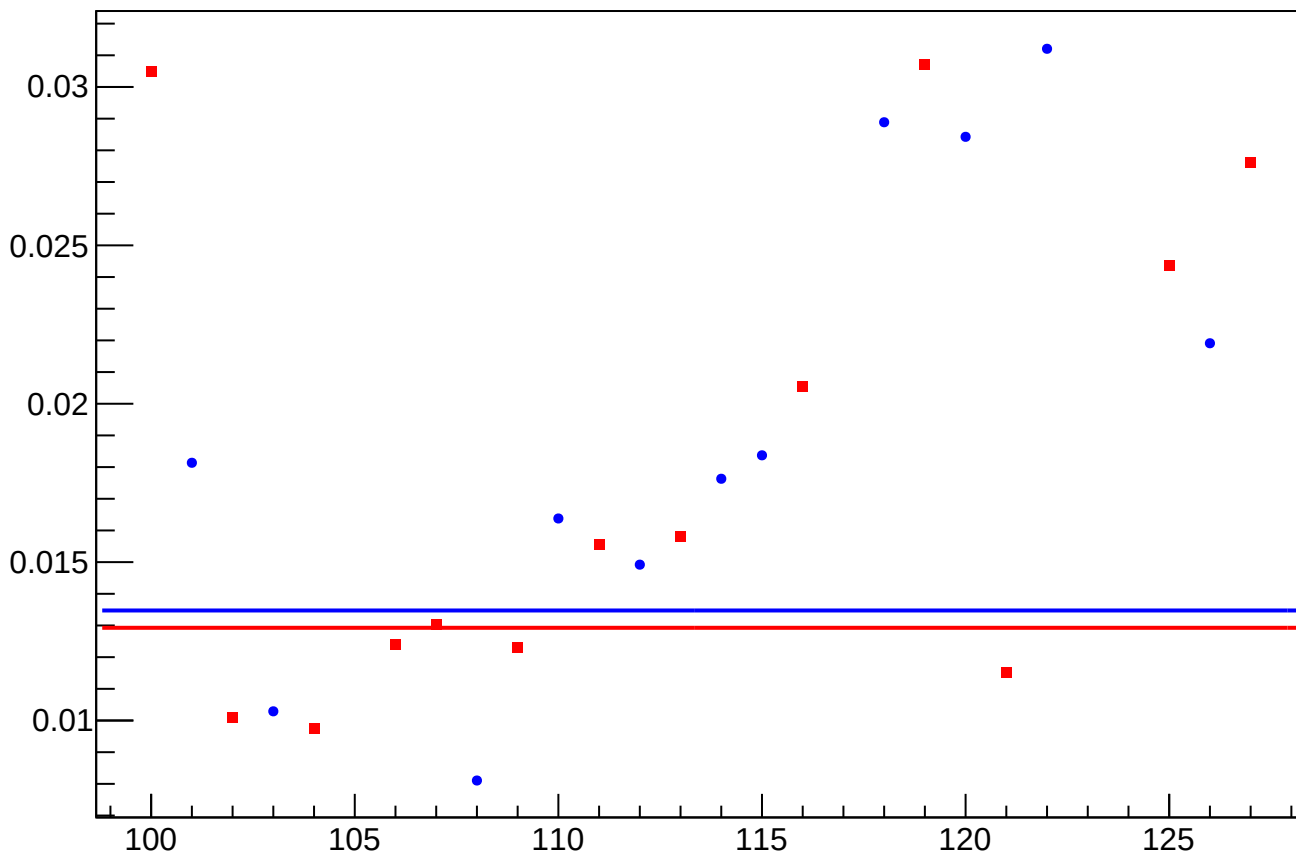
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 19.6/23

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF : 1483287.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 1180318.0/12

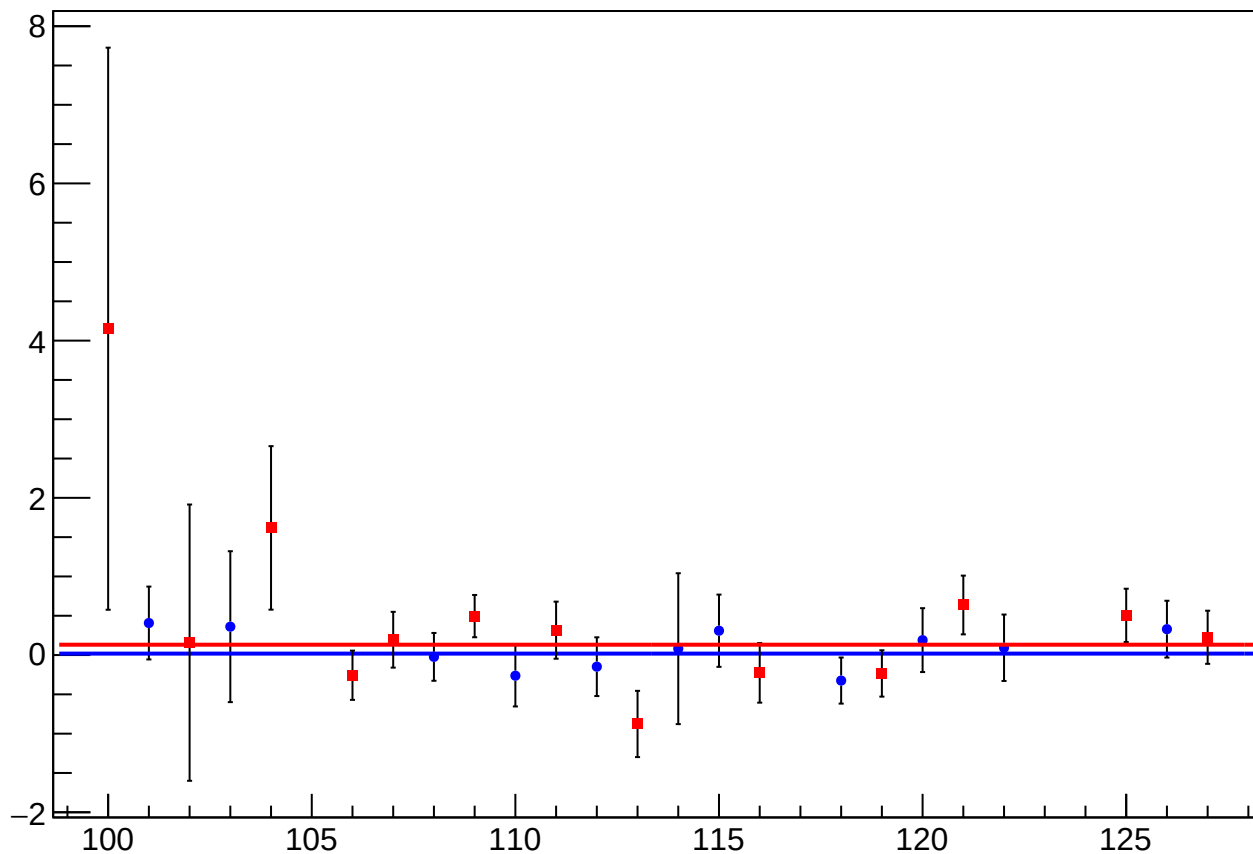
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 2670551.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.018 $\pm$ 0.122 χ^2 /NDF: 4.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.132 $\pm$ 0.106 χ^2 /NDF: 18.2/12

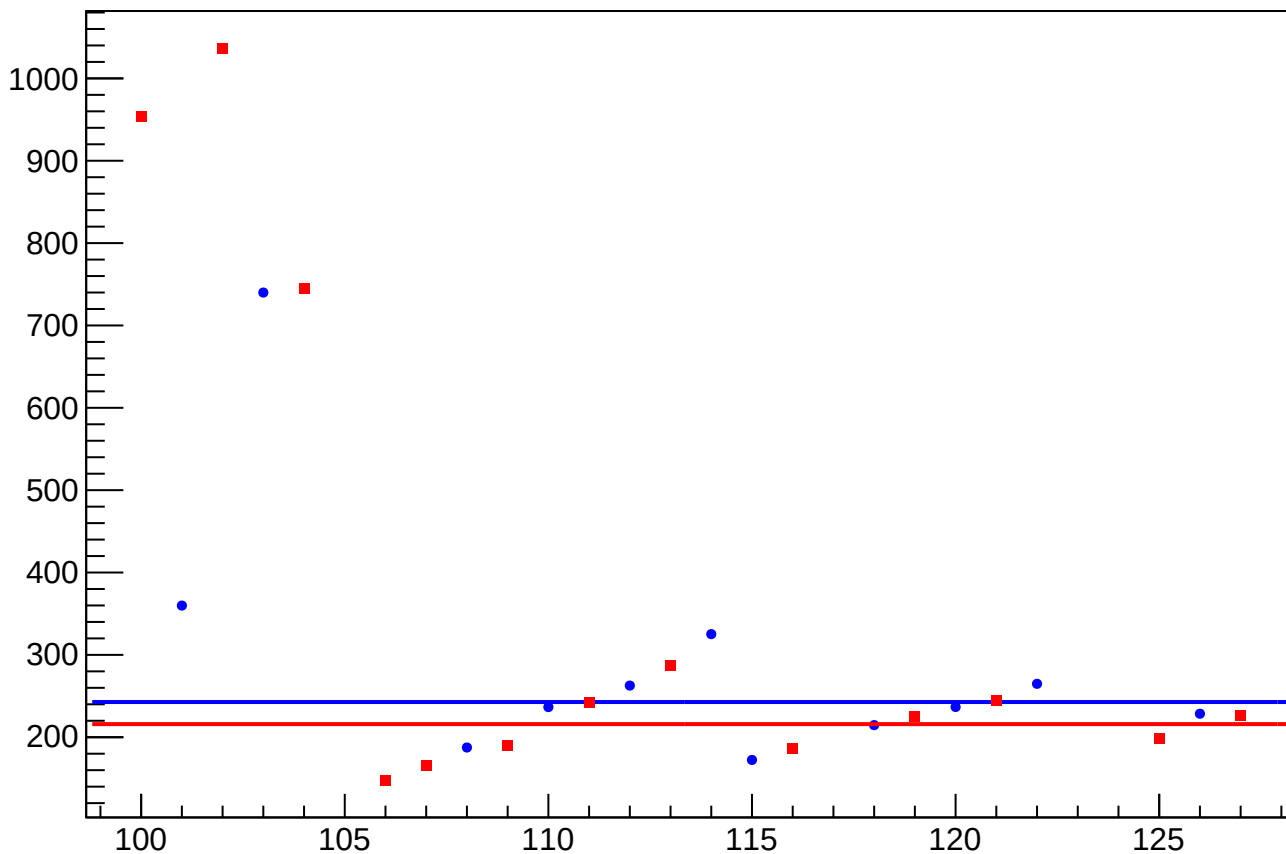
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.083 $\pm$ 0.080 χ^2 /NDF: 23.0/23

- 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: 242.753+/-0.086 χ^2/NDF : 825332.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 215.920+/-0.075 χ^2/NDF : 1294250.1/12

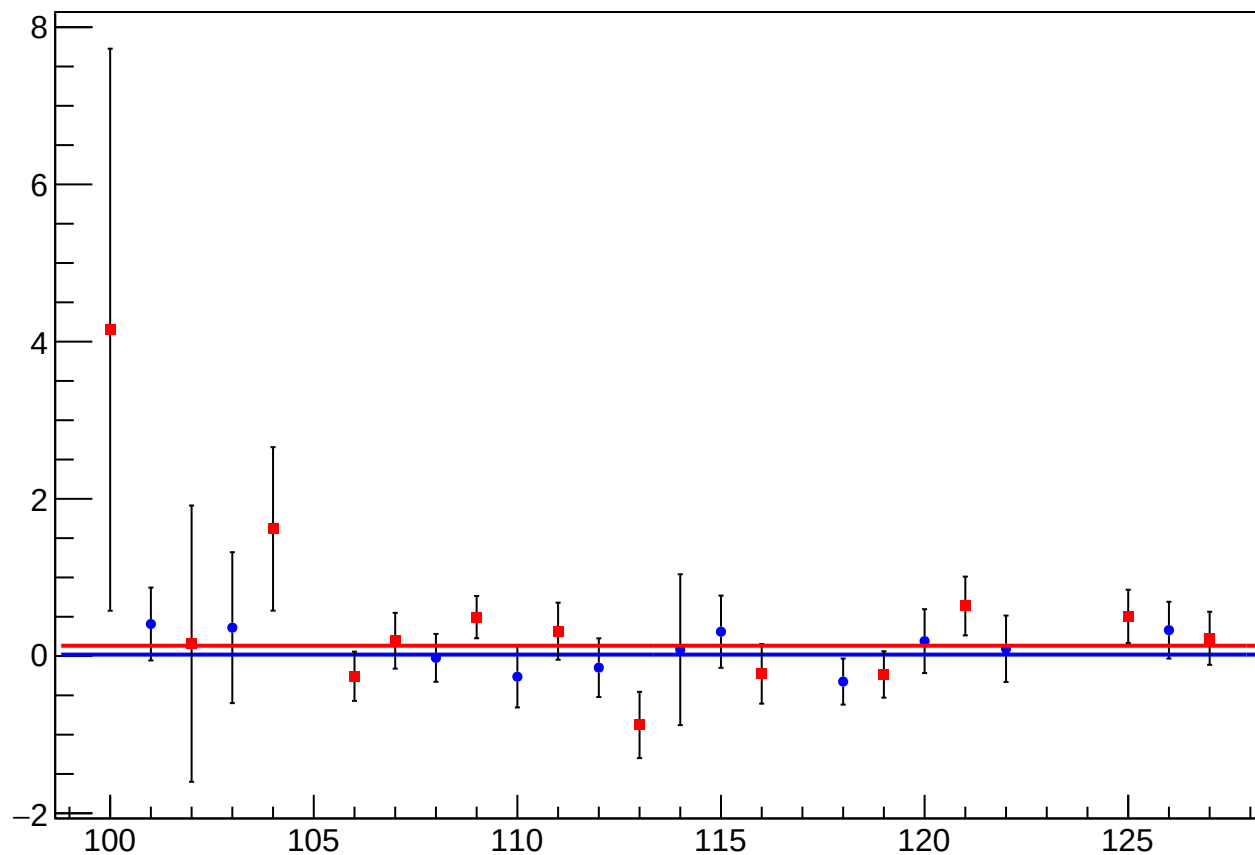
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.399+/-0.056 χ^2/NDF : 2174799.6/23

- 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: 0.018 $\pm$ 0.122 χ^2 /NDF: 4.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.132 $\pm$ 0.106 χ^2 /NDF: 18.2/12

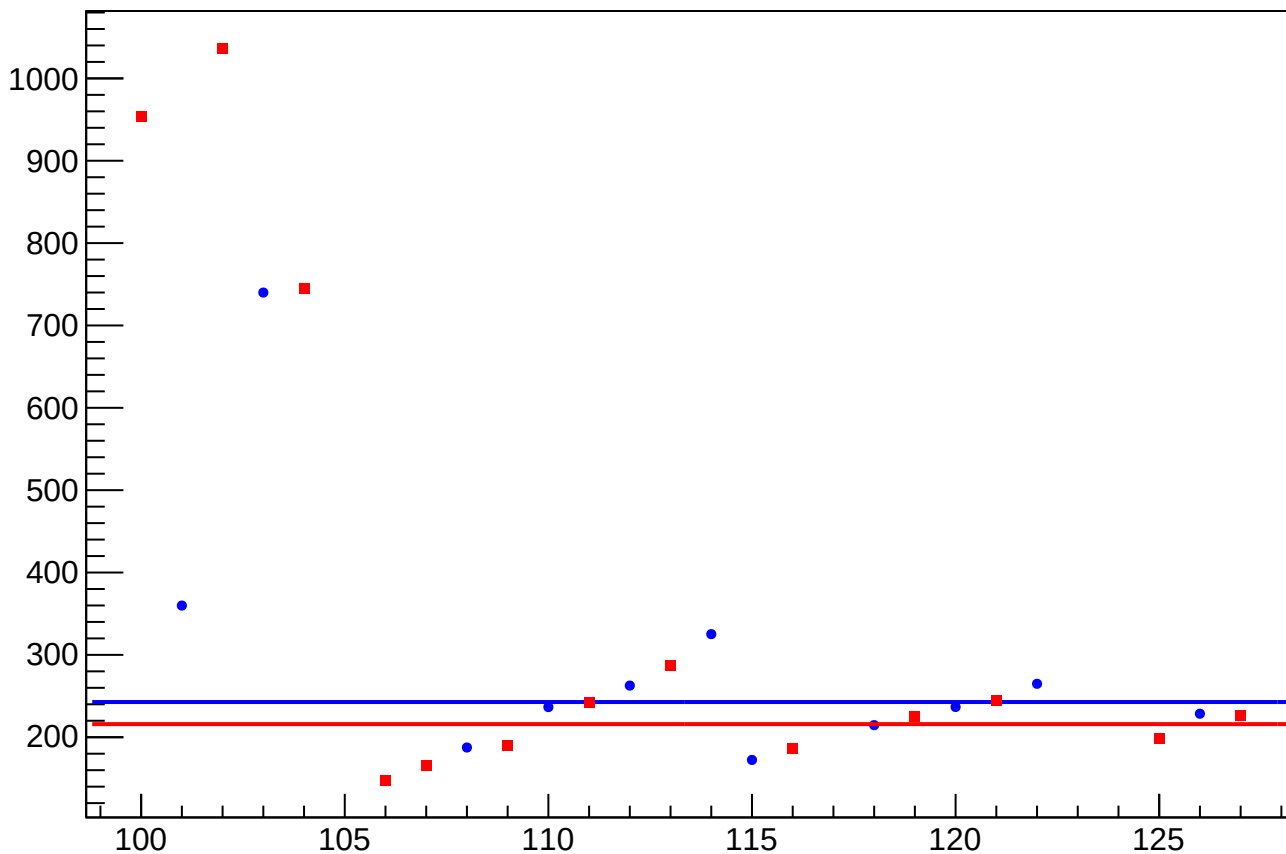
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.083 $\pm$ 0.080 χ^2 /NDF: 23.0/23

- 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: 242.753+/-0.086 χ^2/NDF : 825332.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 215.920+/-0.075 χ^2/NDF : 1294250.1/12

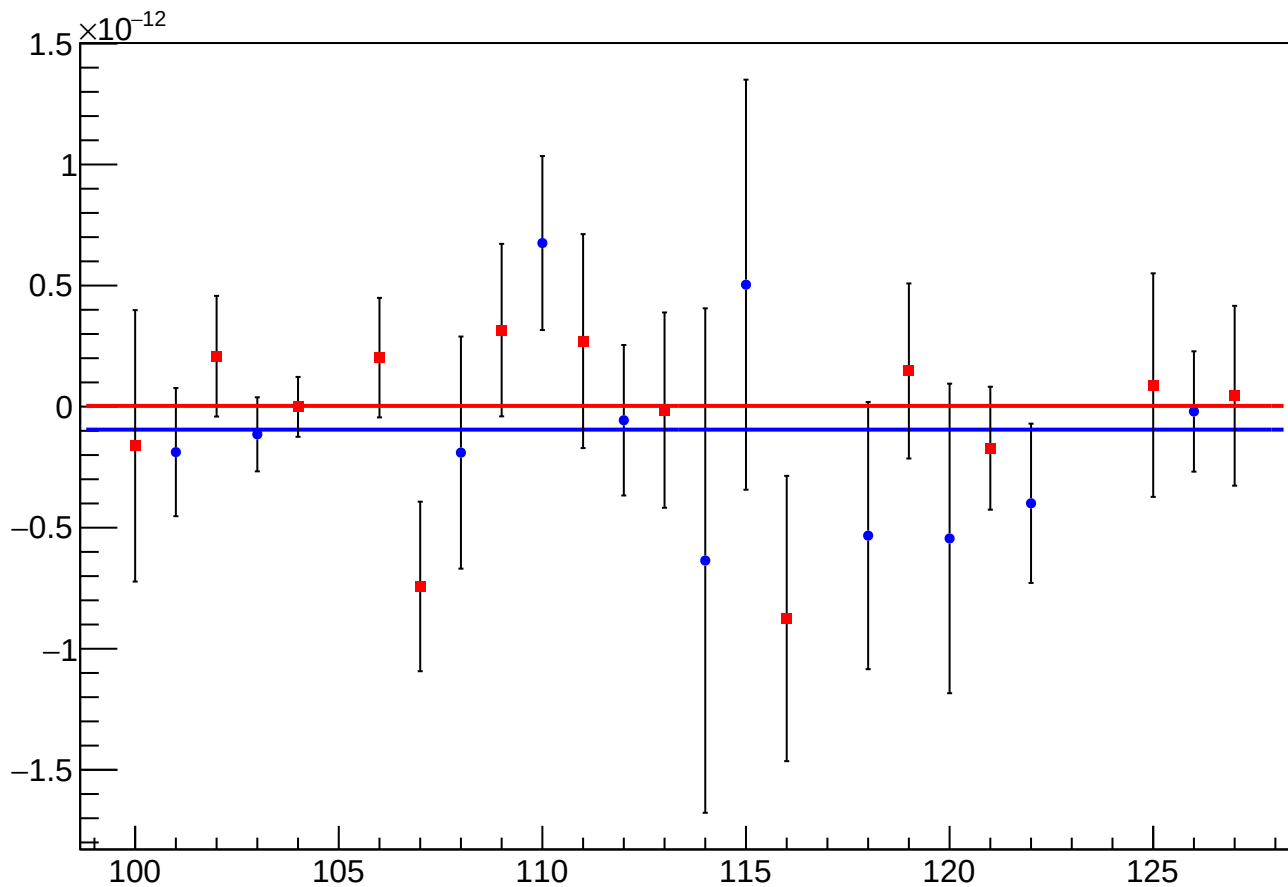
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.399+/-0.056 χ^2/NDF : 2174799.6/23

- 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 : 7.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.0/12

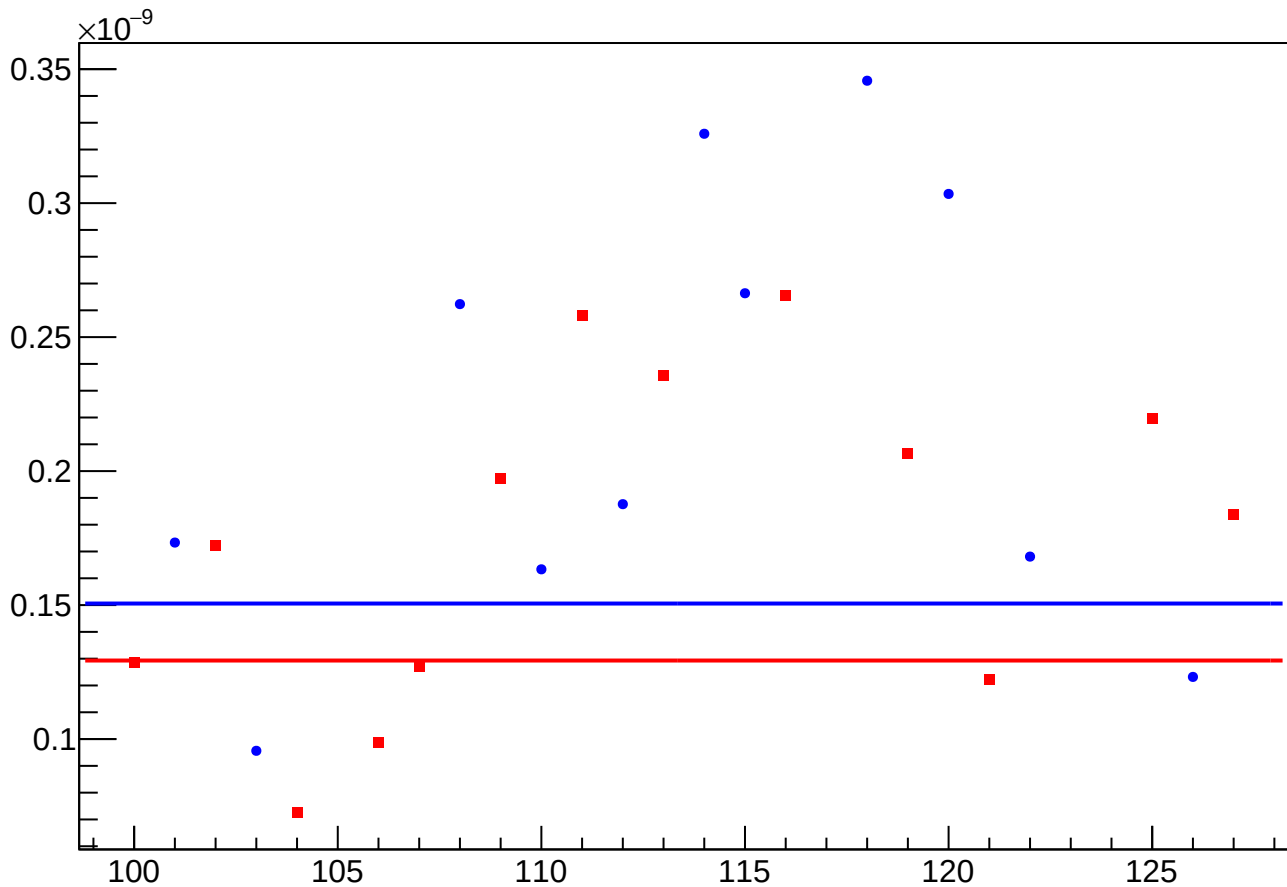
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.3/23

- 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 : 901493.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1212299.3/12

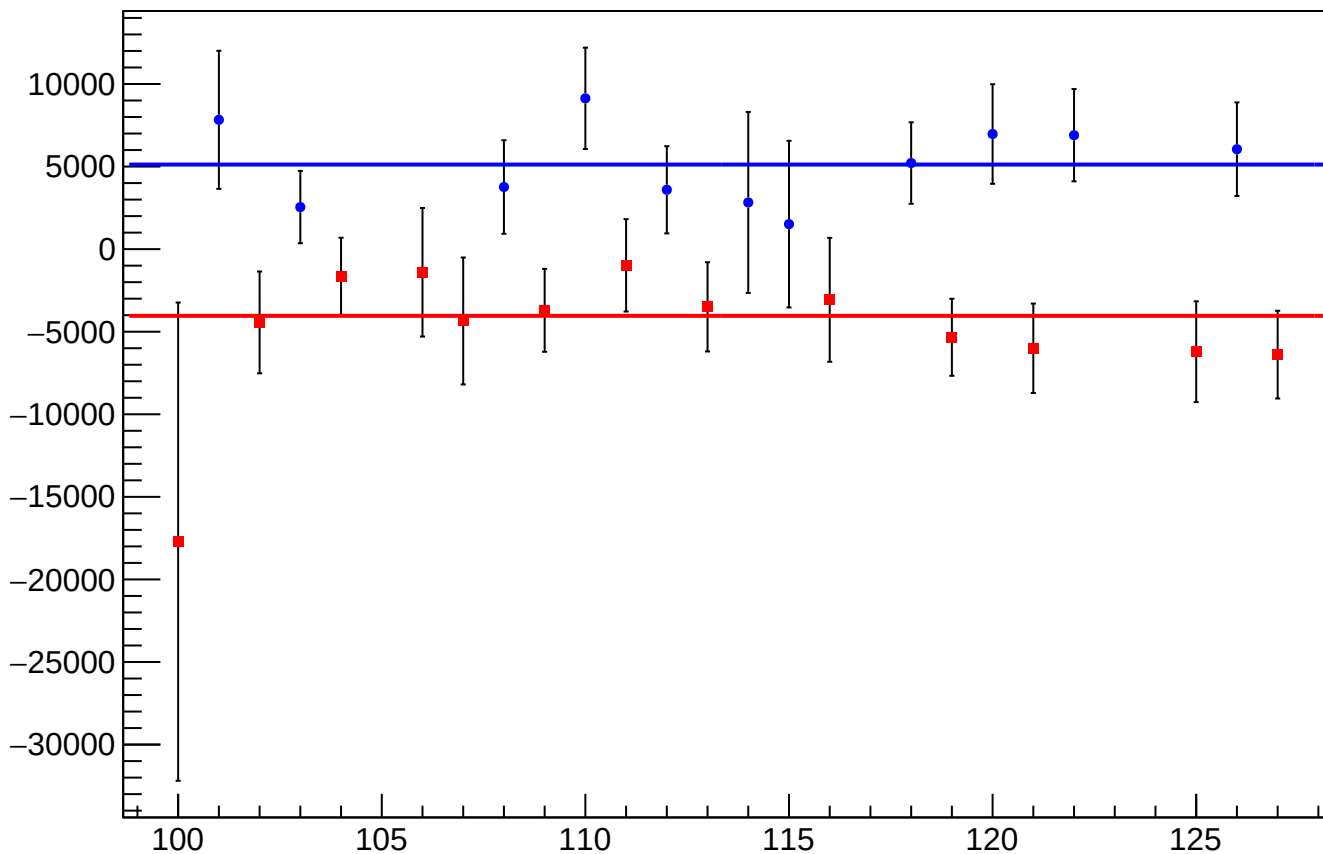
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2174661.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_avg_mean vs Slug



Right In: 5121.107+/-898.358 χ^2/NDF : 5.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4038.705+/-818.734 χ^2/NDF : 5.9/12

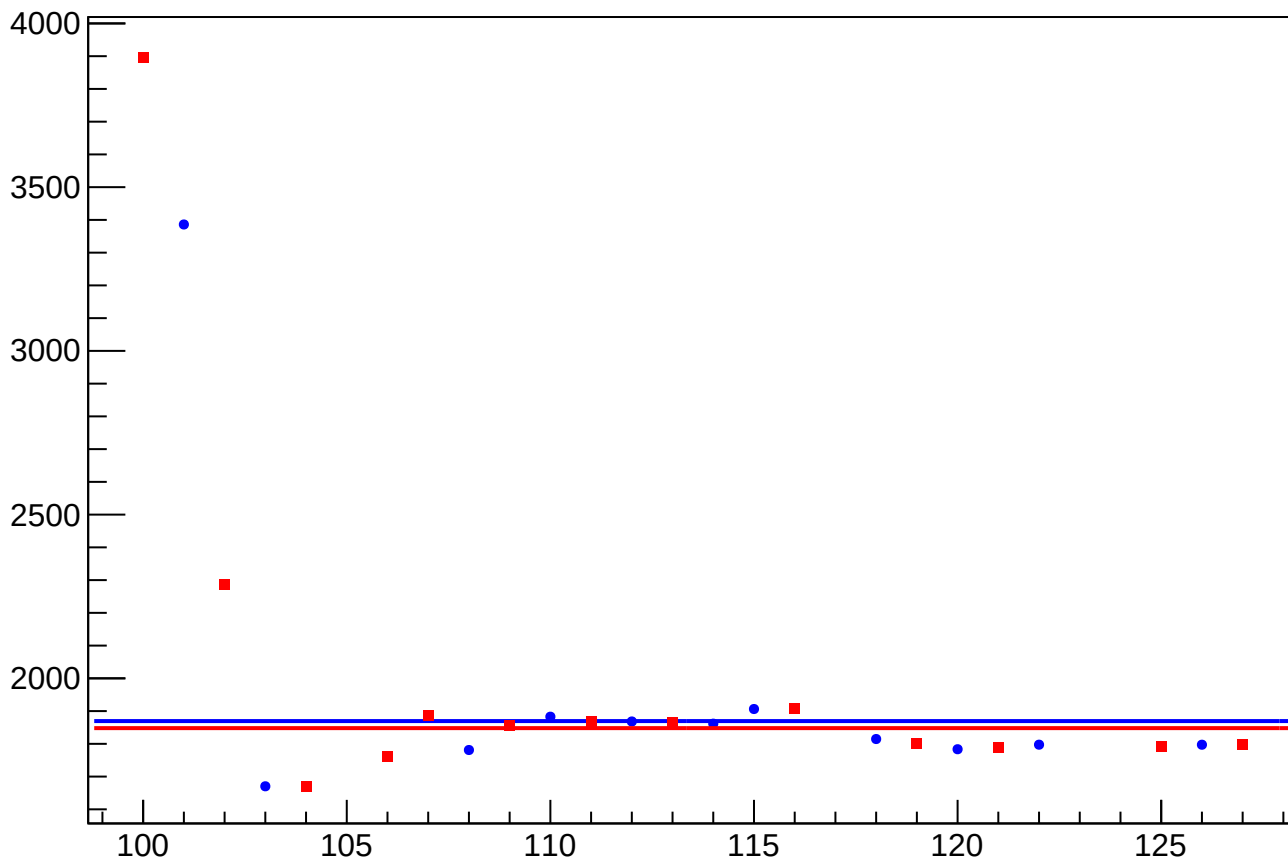
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.362+/-605.128 χ^2/NDF : 68.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 1869.516+/-0.635 χ^2/NDF : 287091.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1847.957+/-0.577 χ^2/NDF : 97354.1/12

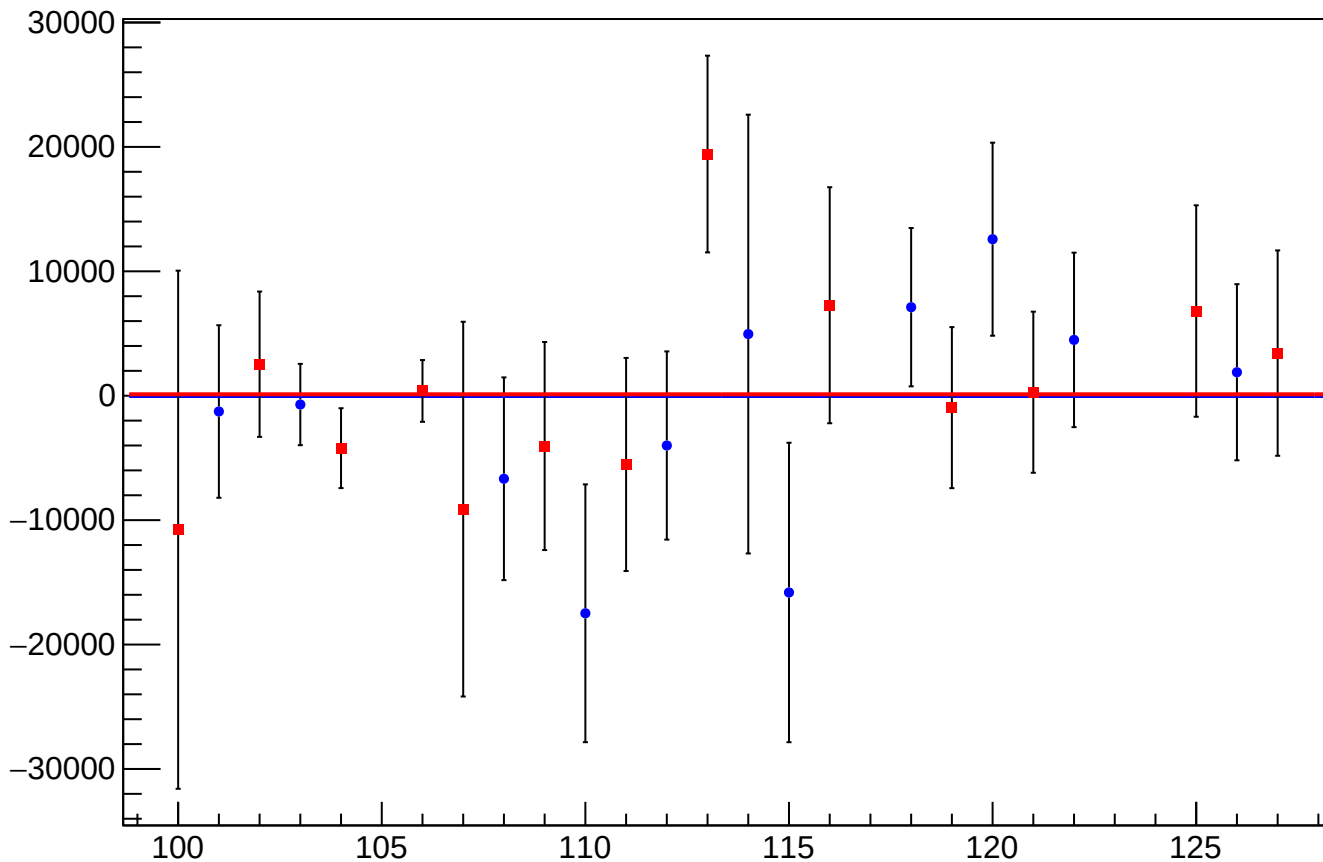
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1857.694+/-0.427 χ^2/NDF : 385077.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_reg_correction_mean vs Slug



Right In: -21.258+/-2007.887 χ^2/NDF : 10.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 116.453+/-1530.639 χ^2/NDF : 10.7/12

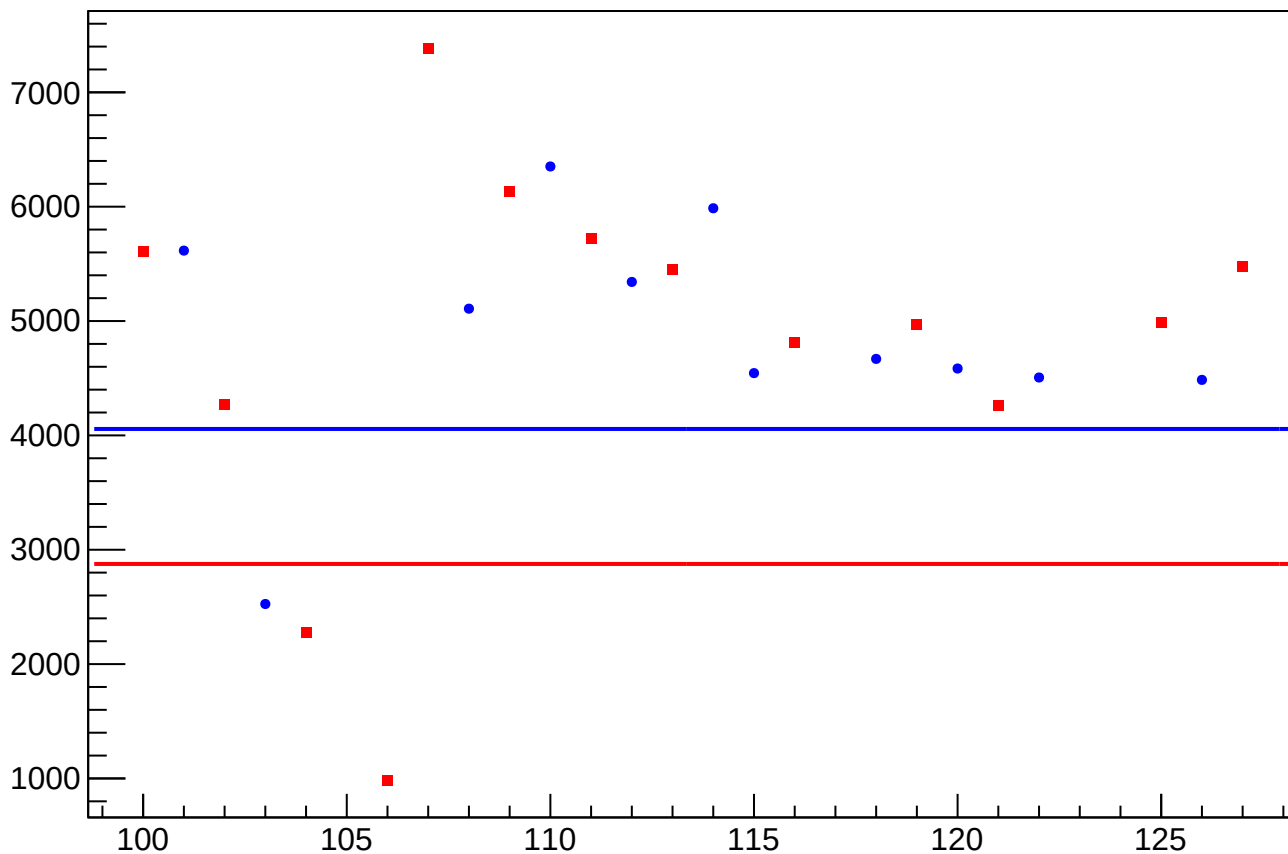
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.839+/-1217.279 χ^2/NDF : 20.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_reg_correction_rms vs Slug



Right In: 4056.260+/-1.420 χ^2/NDF : 799984.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

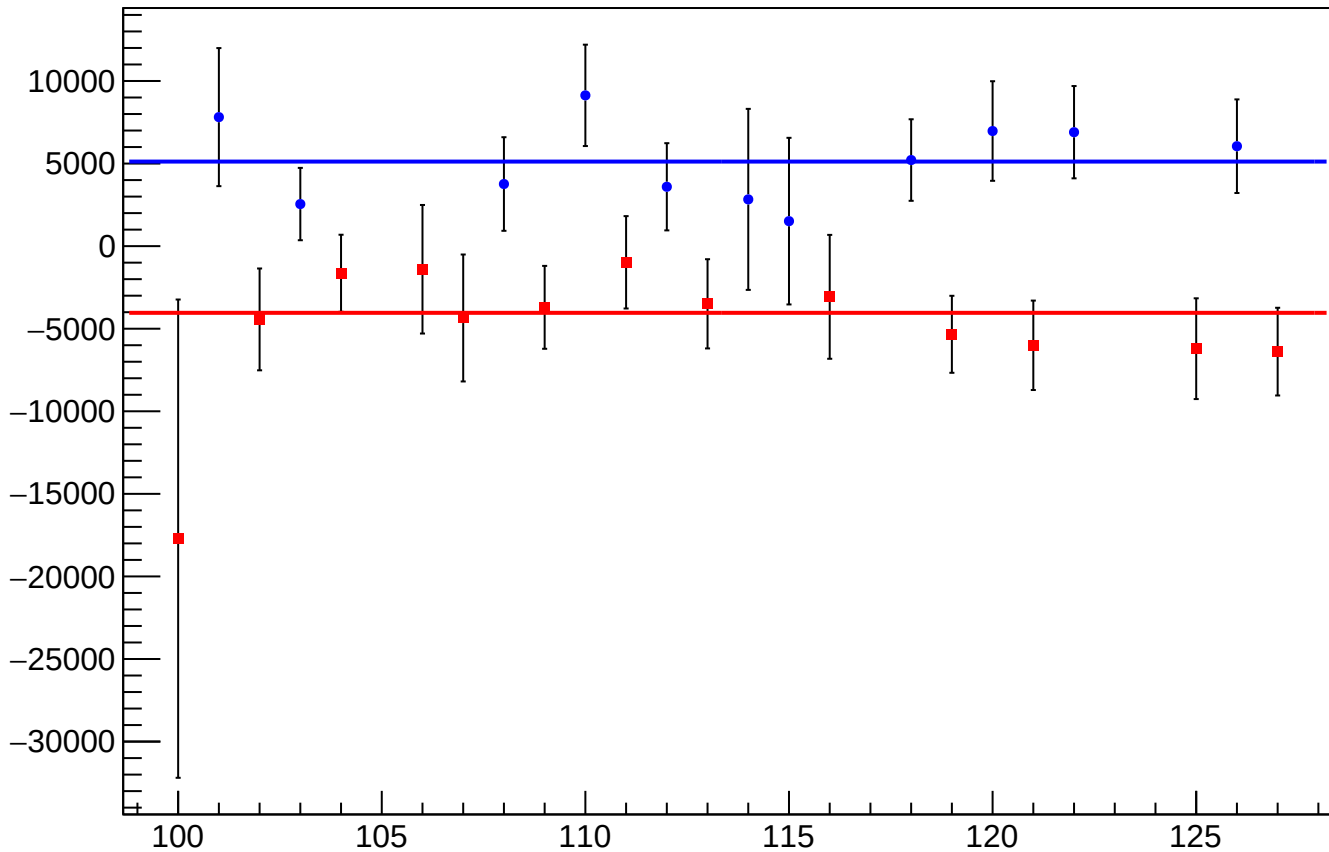
Right Out: 2875.793+/-1.082 χ^2/NDF : 3004066.6/12

All: 3309.659+/-0.861 χ^2/NDF : 4241265.0/23

- 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: 5120.484 $\pm$ 898.358 χ^2 /NDF: 5.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4038.429 $\pm$ 818.734 χ^2 /NDF: 5.9/12

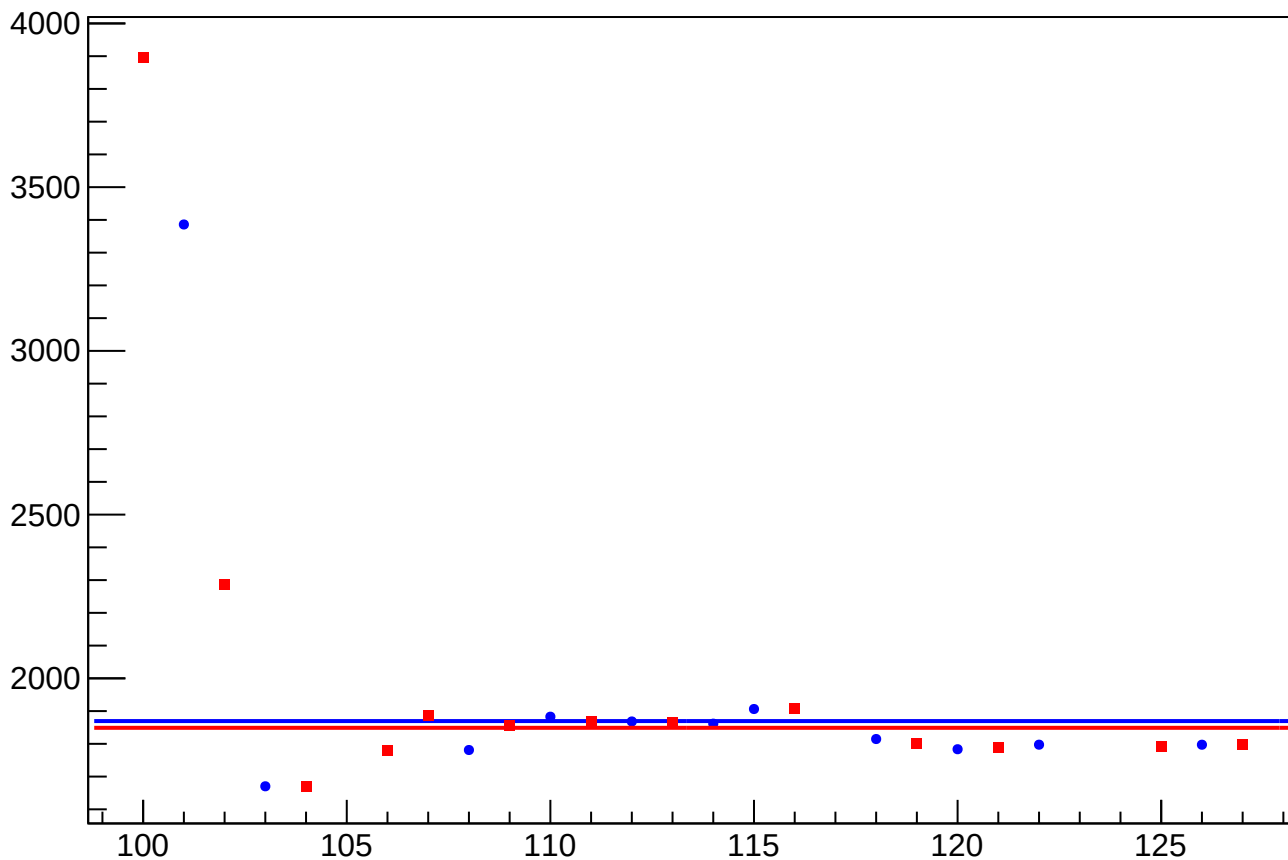
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 117.229 $\pm$ 605.128 χ^2 /NDF: 68.3/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 1869.516+/-0.635 χ^2/NDF : 287093.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1848.928+/-0.577 χ^2/NDF : 96915.4/12

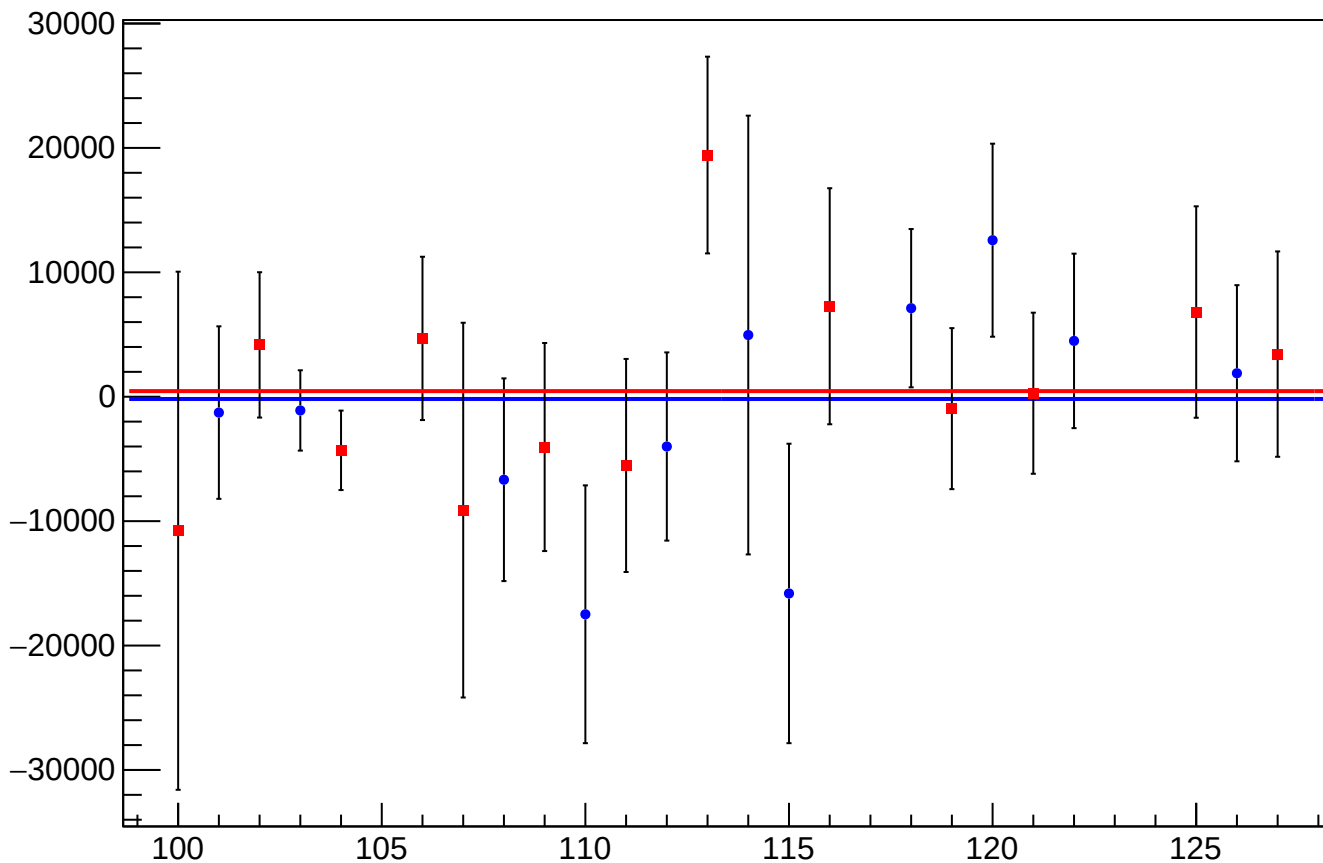
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1858.231+/-0.427 χ^2/NDF : 384584.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_cor_correction_mean vs Slug



Right In: -179.339+/-1998.607 χ^2/NDF : 10.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 452.165+/-1861.425 χ^2/NDF : 11.5/12

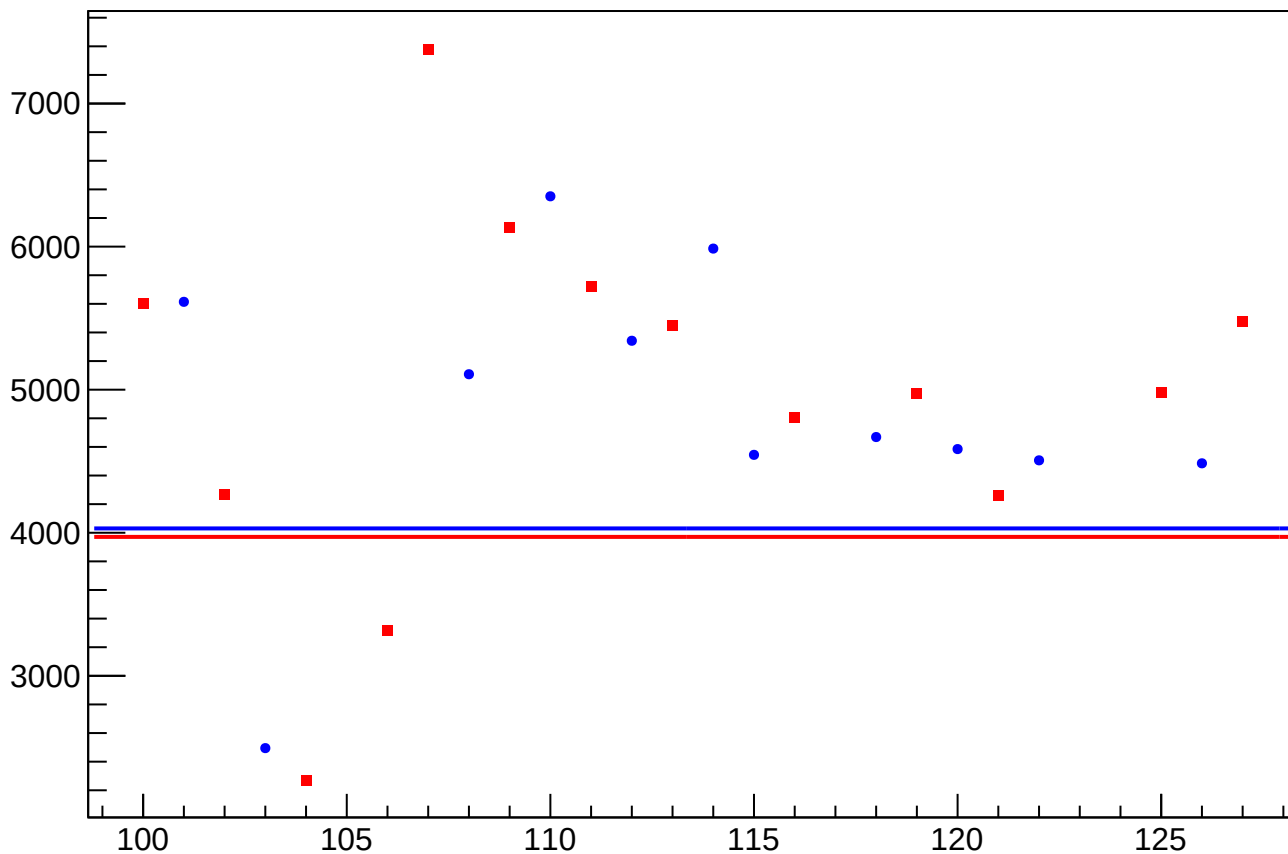
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.828+/-1362.144 χ^2/NDF : 21.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_cor_correction_rms vs Slug



Right In: 4030.316+/-1.413 χ^2/NDF : 828564.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

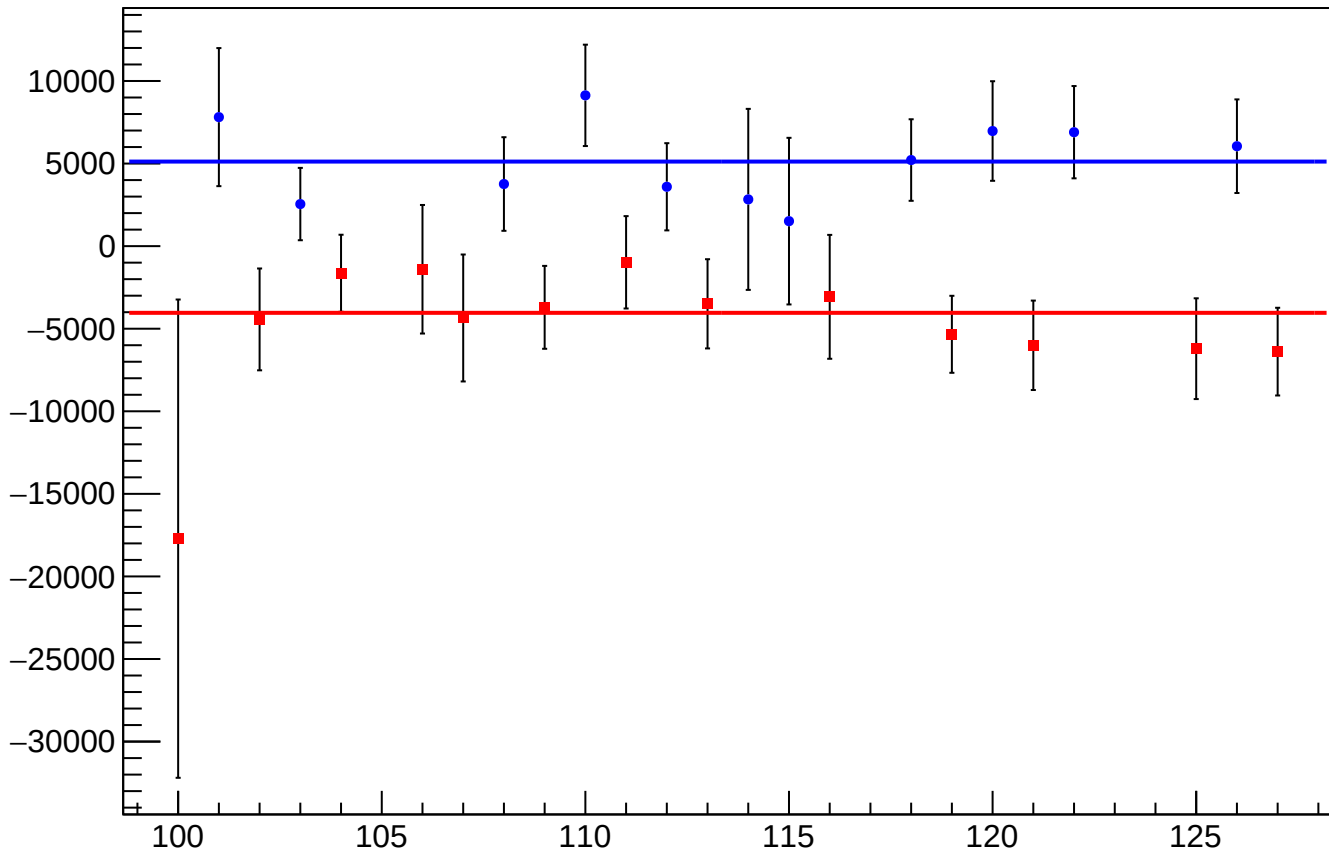
Right Out: 3971.076+/-1.316 χ^2/NDF : 1157307.6/12

All: 3998.593+/-0.963 χ^2/NDF : 1986812.9/23

- 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_us_avg_atlr_avg_avg_mean vs Slug



Right In: 5120.484+/-898.358 χ^2/NDF : 5.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4038.429+/-818.734 χ^2/NDF : 5.9/12

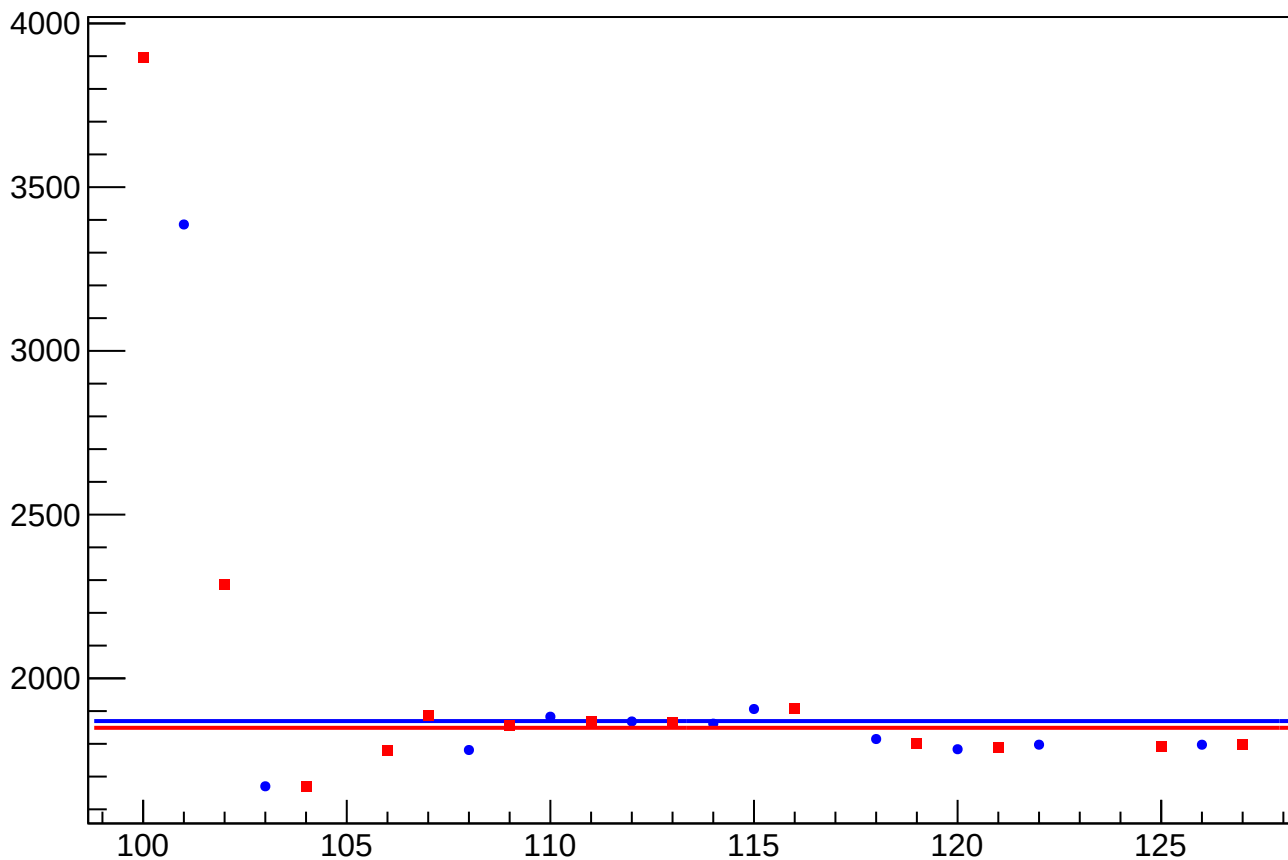
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.229+/-605.128 χ^2/NDF : 68.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 1869.516+/-0.635 χ^2/NDF : 287093.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1848.928+/-0.577 χ^2/NDF : 96915.4/12

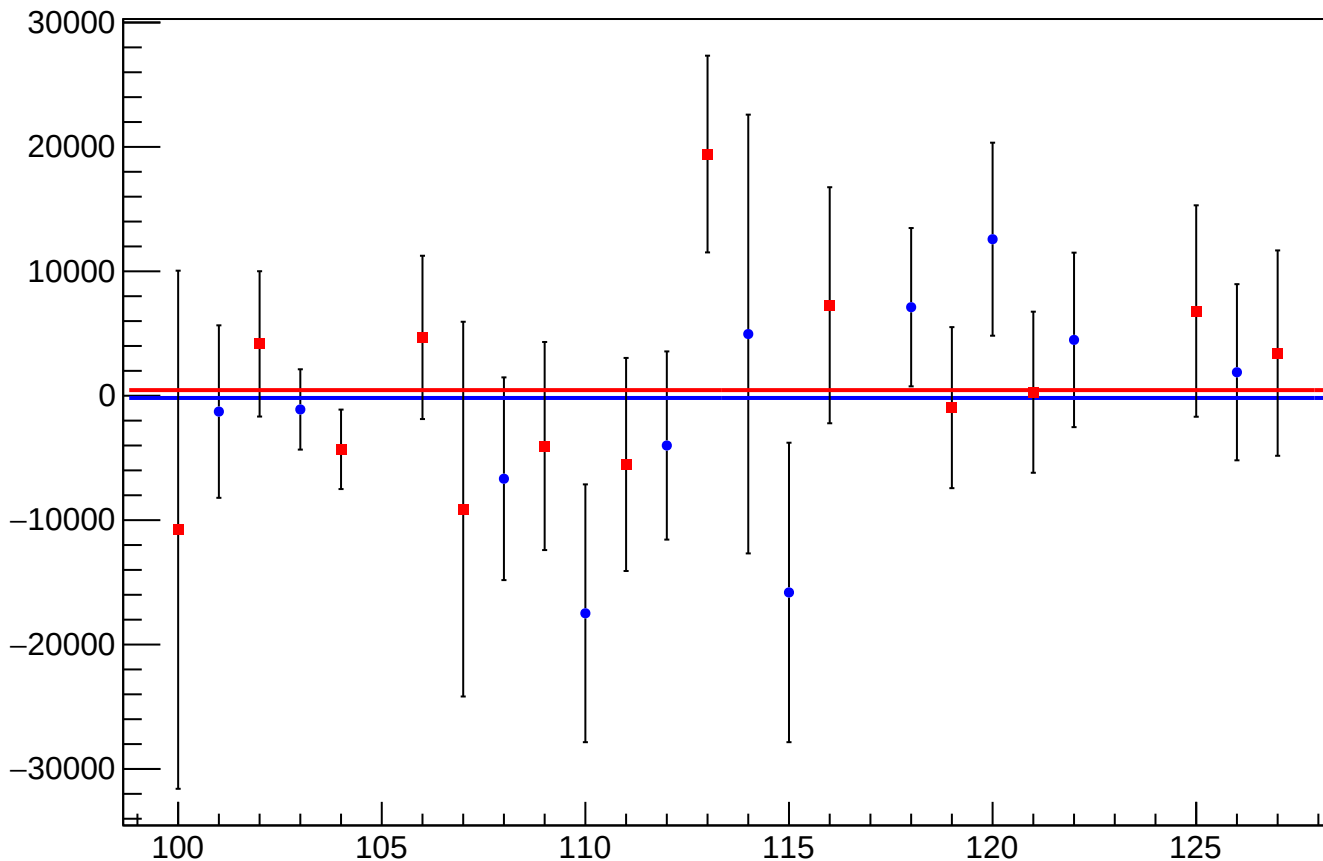
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1858.231+/-0.427 χ^2/NDF : 384584.6/23

- 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: -179.339 ± 1998.607 χ^2/NDF : 10.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 452.165 ± 1861.425 χ^2/NDF : 11.5/12

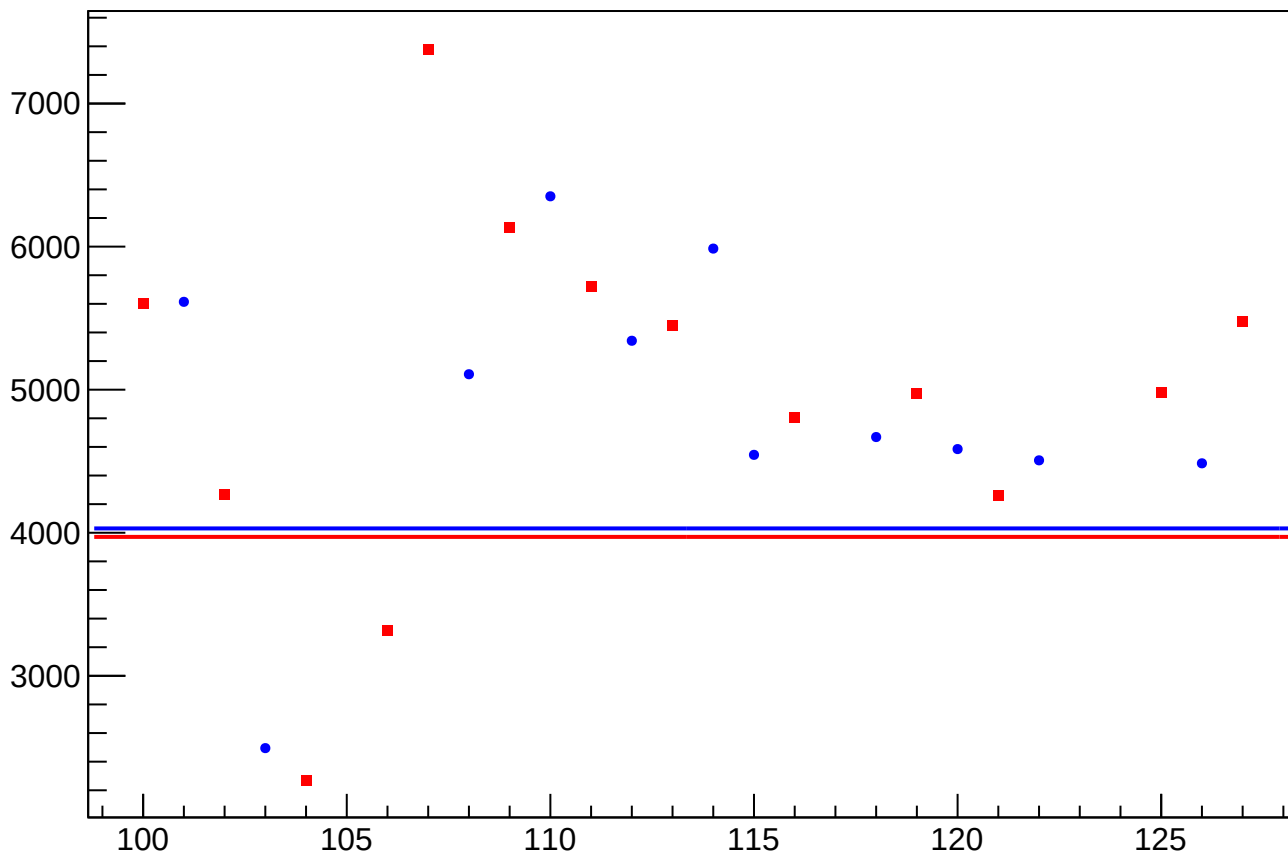
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 158.828 ± 1362.144 χ^2/NDF : 21.7/23

- 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: 4030.316+/-1.413 χ^2/NDF : 828564.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

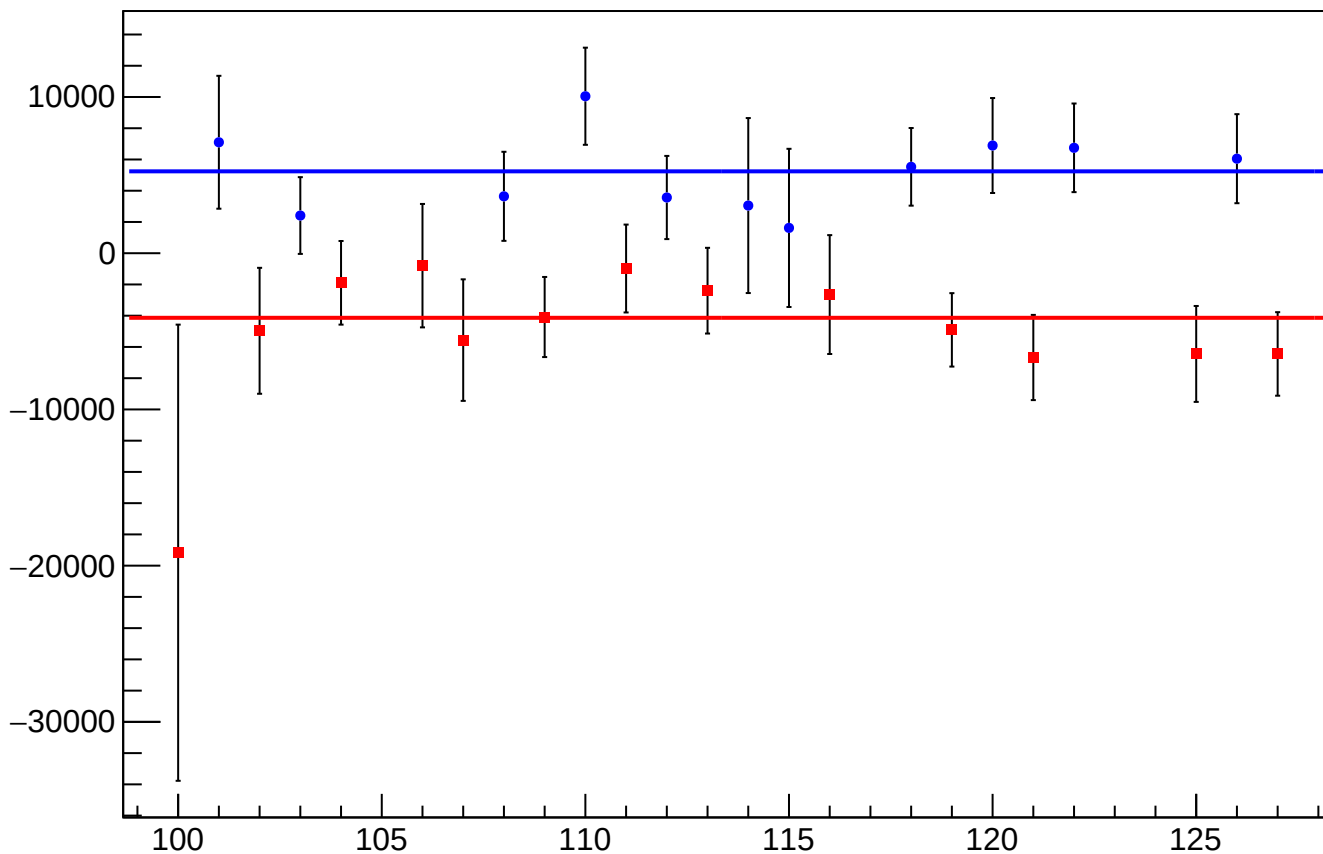
Right Out: 3971.076+/-1.316 χ^2/NDF : 1157307.6/12

All: 3998.593+/-0.963 χ^2/NDF : 1986812.9/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_atlr_avg_avg_mean vs Slug



Right In: 5240.837+/-921.721 χ^2 /NDF: 6.0/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -4134.541+/-851.887 χ^2 /NDF: 6.8/12

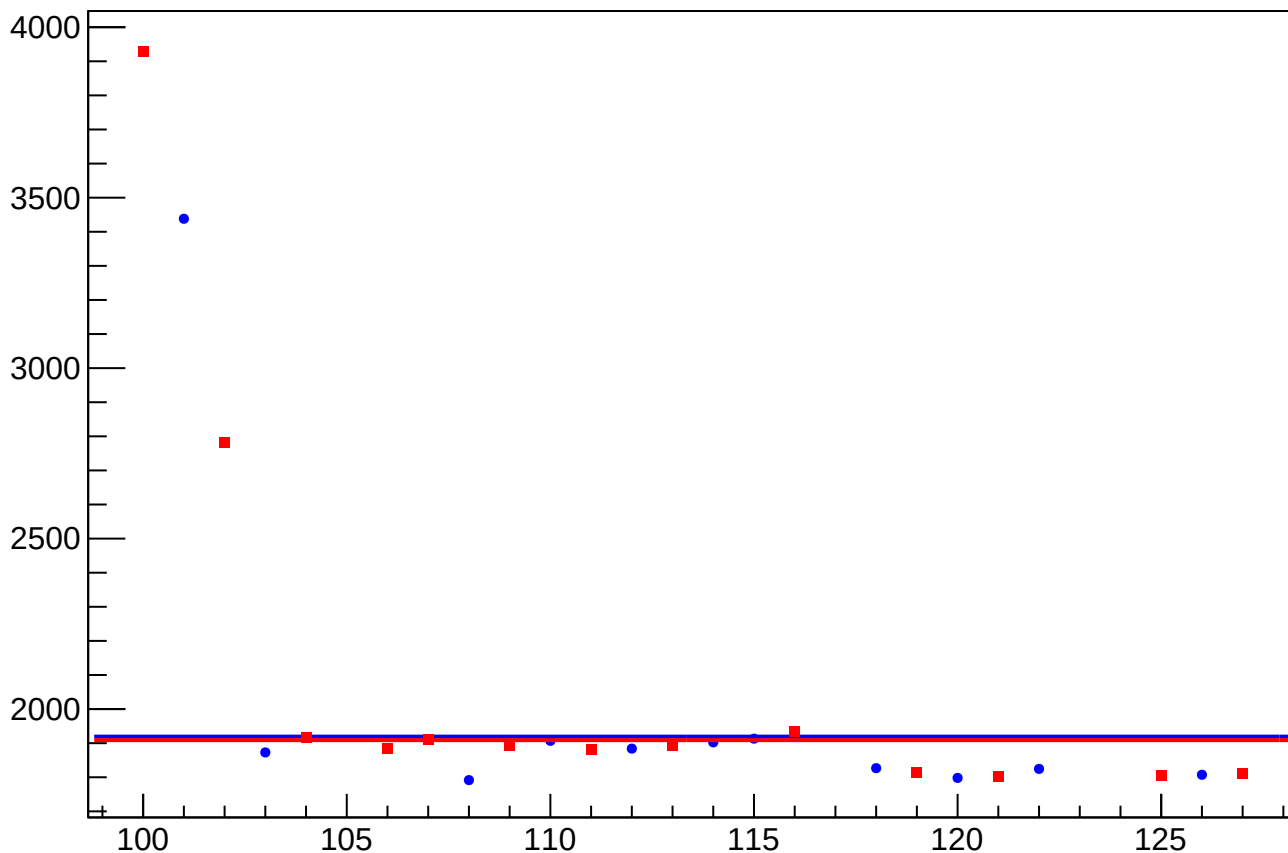
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 184.576+/-625.608 χ^2 /NDF: 68.5/23

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 1919.164 $\pm$ 0.652 χ^2 /NDF: 271447.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1908.860 $\pm$ 0.601 χ^2 /NDF: 143820.0/12

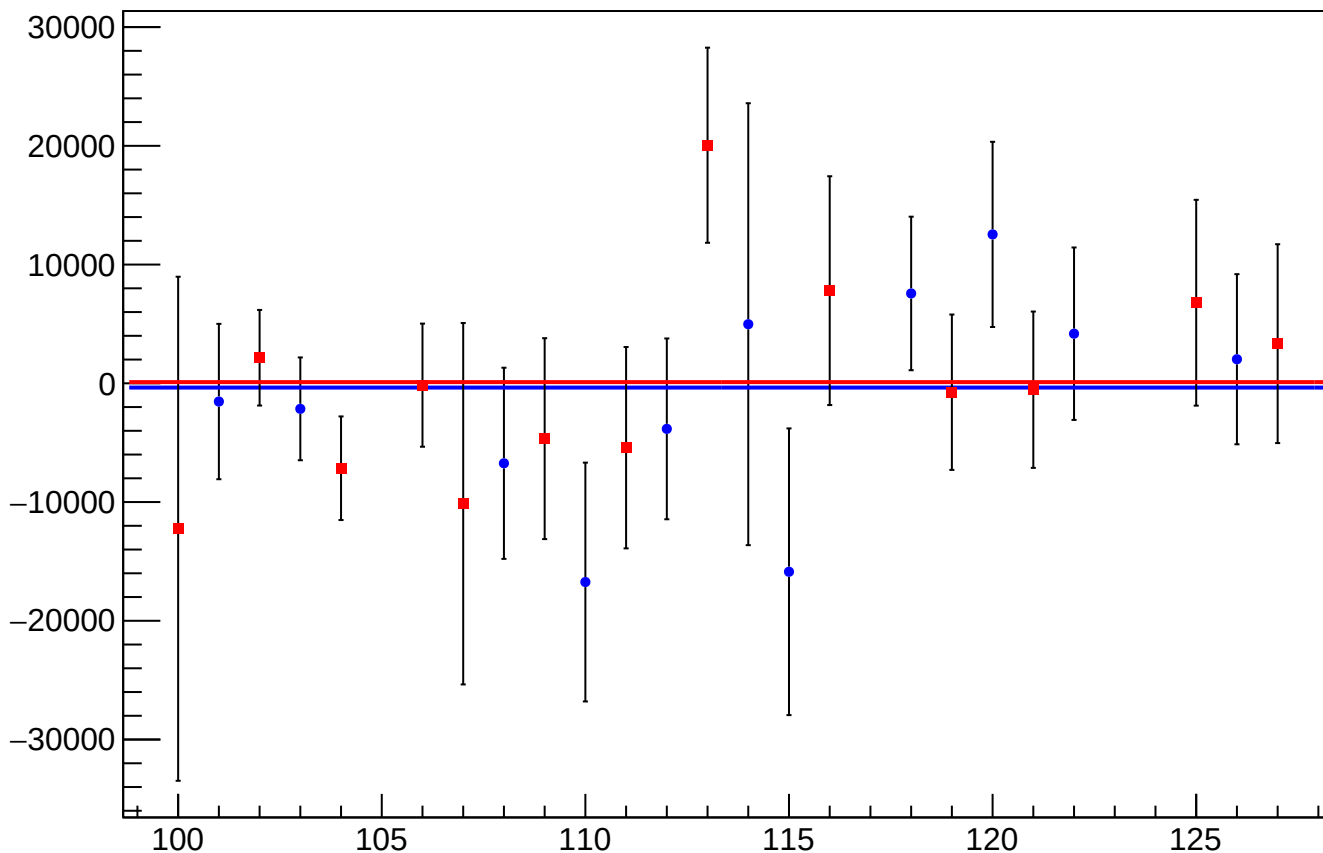
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1913.599 $\pm$ 0.442 χ^2 /NDF: 415402.5/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_avg_dit_correction_mean vs Slug



Right In: -359.262+/-2193.364 χ^2/NDF : 10.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.676+/-1871.587 χ^2/NDF : 11.9/12

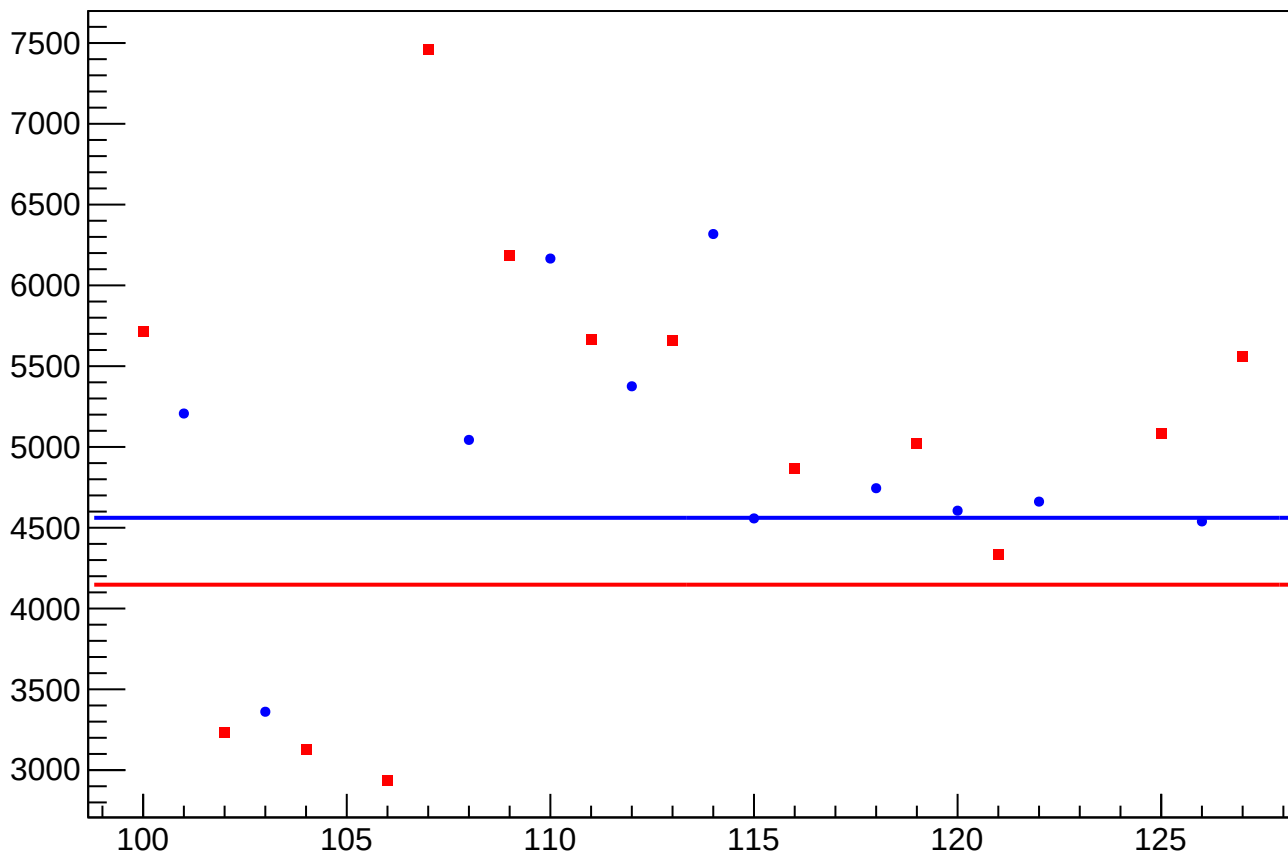
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -93.112+/-1423.718 χ^2/NDF : 22.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_dit_correction_rms vs Slug



Right In: 4561.493+/-1.551 χ^2/NDF : 274057.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

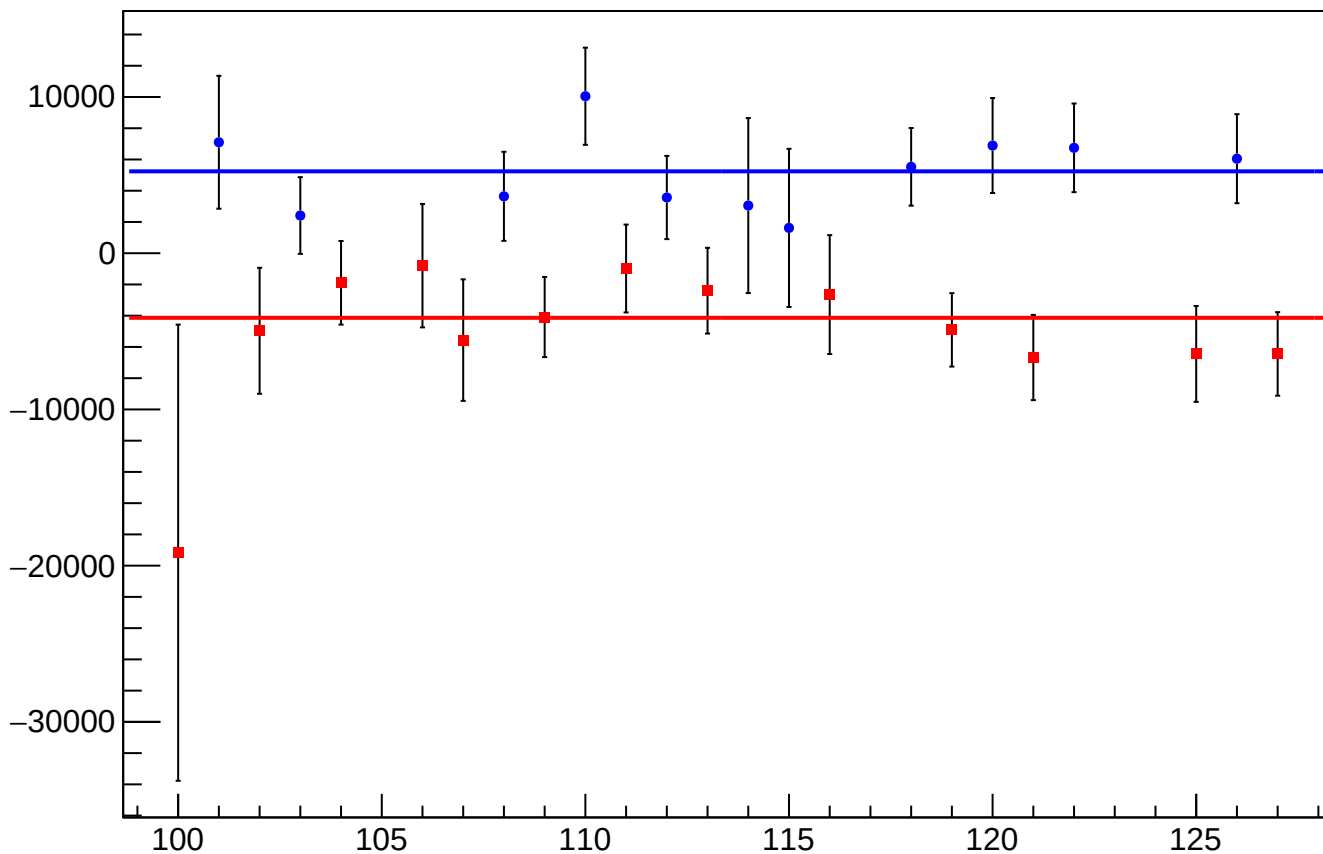
Right Out: 4147.554+/-1.323 χ^2/NDF : 802986.8/12

All: 4321.960+/-1.007 χ^2/NDF : 1118264.5/23

- 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: 5240.828+/-921.721 χ^2 /NDF: 6.0/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -4134.541+/-851.887 χ^2 /NDF: 6.8/12

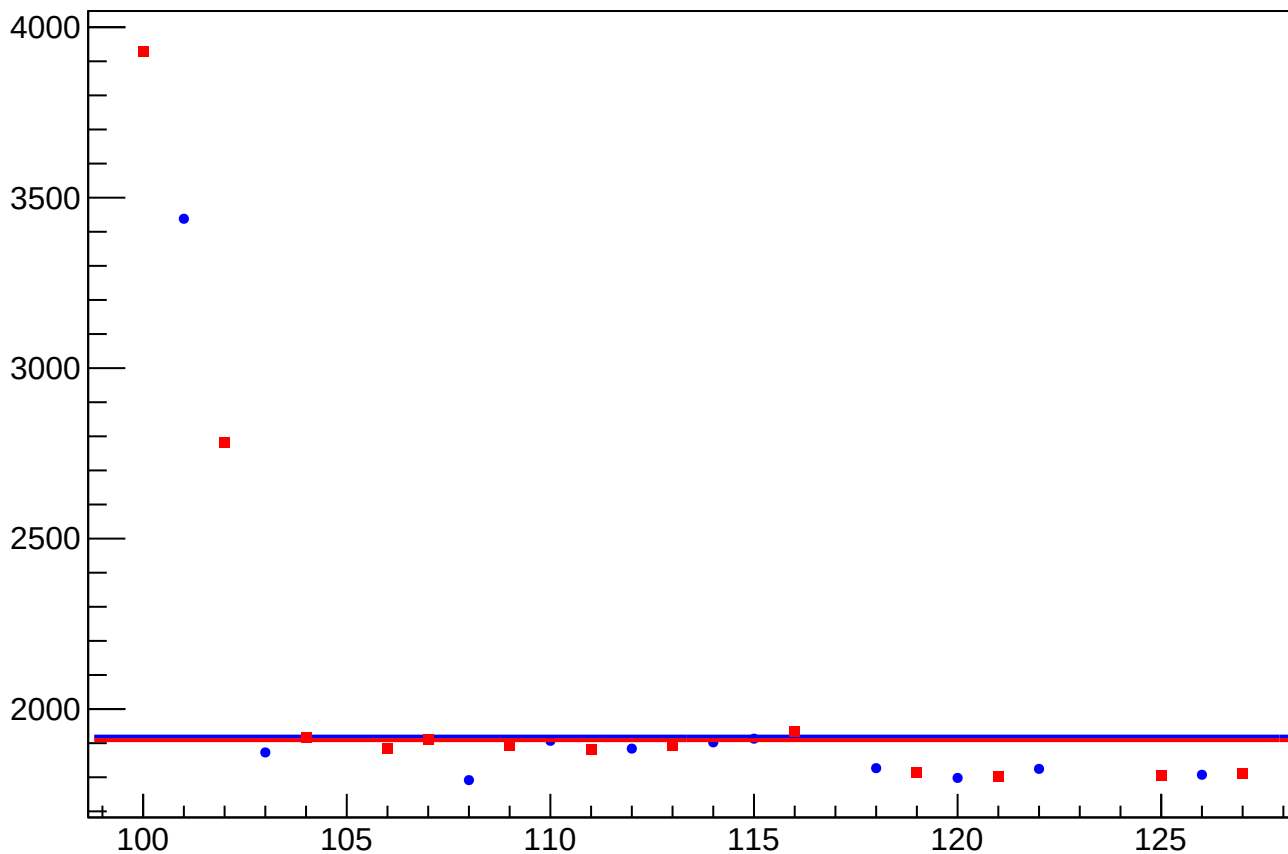
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 184.571+/-625.608 χ^2 /NDF: 68.5/23

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 1919.163+/-0.652 χ^2/NDF : 271447.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1908.858+/-0.601 χ^2/NDF : 143819.3/12

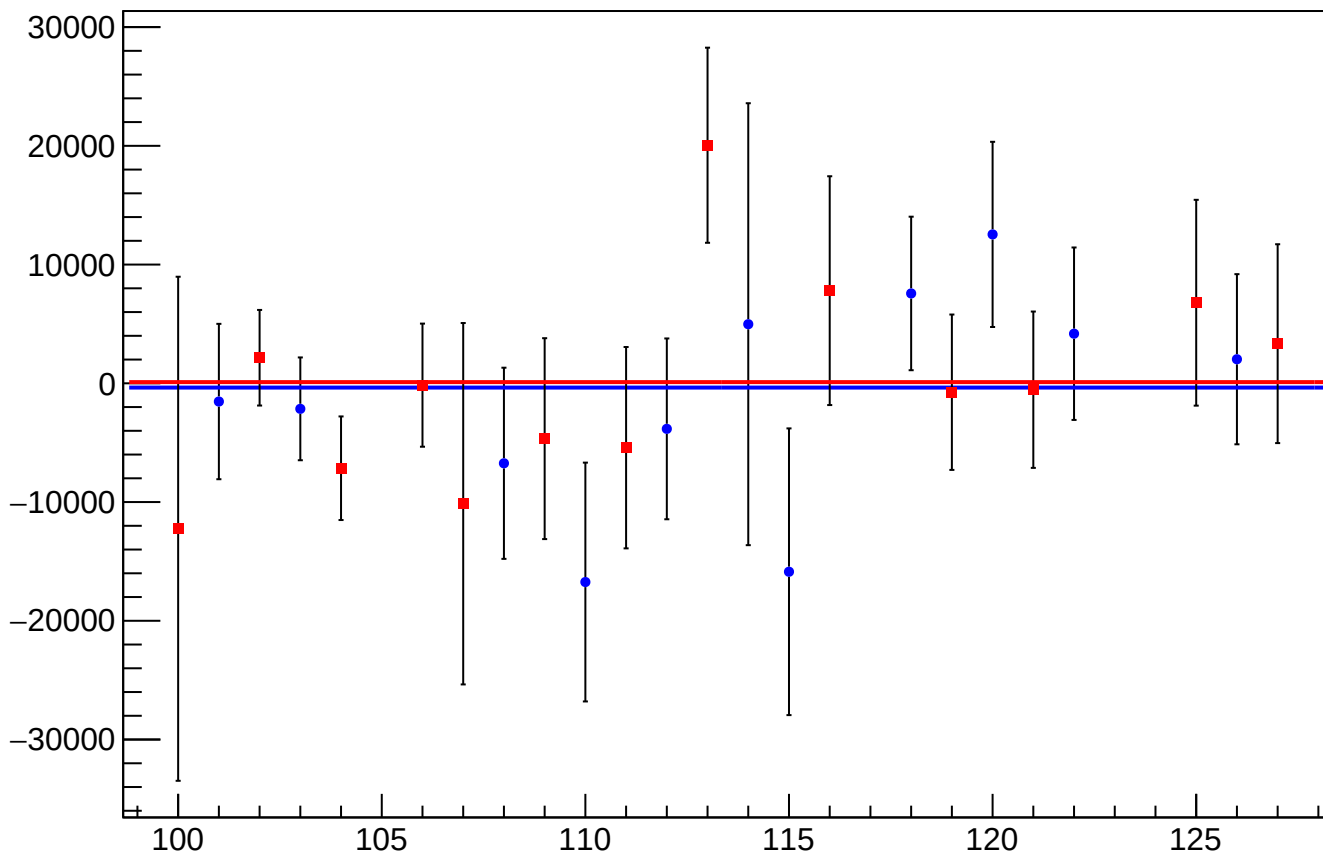
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

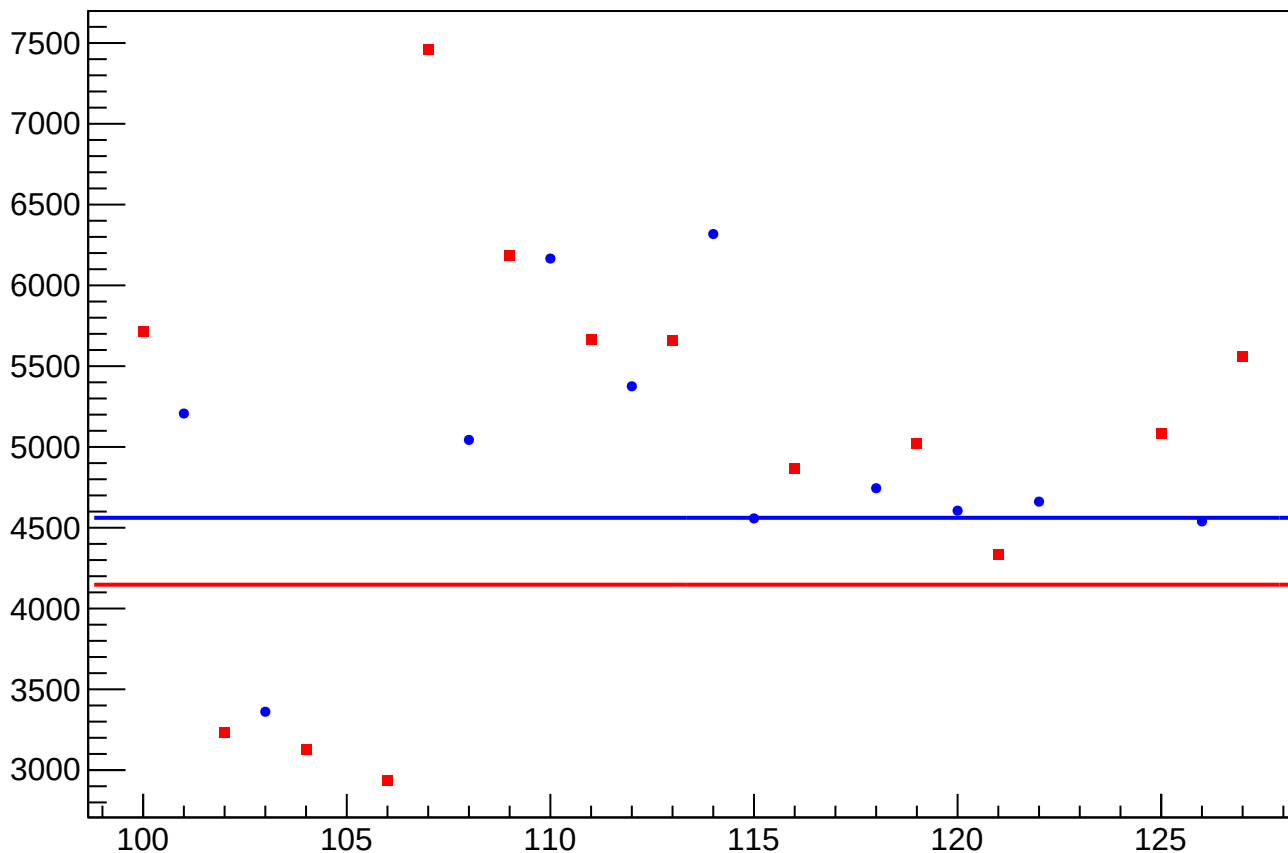
All: 1913.598+/-0.442 χ^2/NDF : 415402.2/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_correction_mean vs Slug



asym_us_avg_atlr_avg_avg_eigen_dit_correction_rms vs Slug



Right In: 4561.479 ± 1.551 $\chi^2/\text{NDF}: 274057.5/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 4147.543 ± 1.323 $\chi^2/\text{NDF}: 802984.8/12$

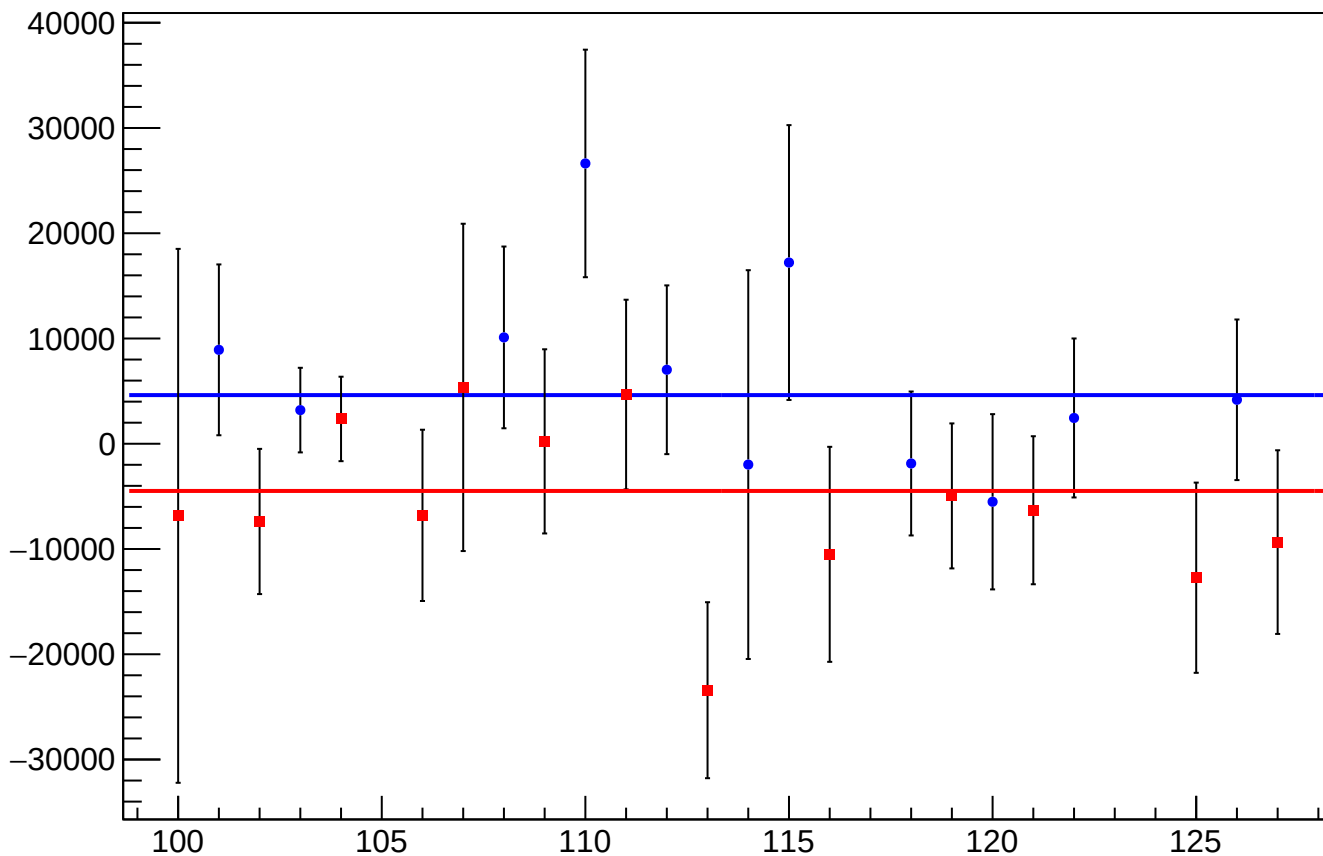
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 4321.948 ± 1.007 $\chi^2/\text{NDF}: 1118262.1/23$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_us_avg_atlr_avg_avg_mean vs Slug



Right In: 4622.195+/-2270.649 χ^2/NDF : 8.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4484.733+/-2132.514 χ^2/NDF : 11.6/12

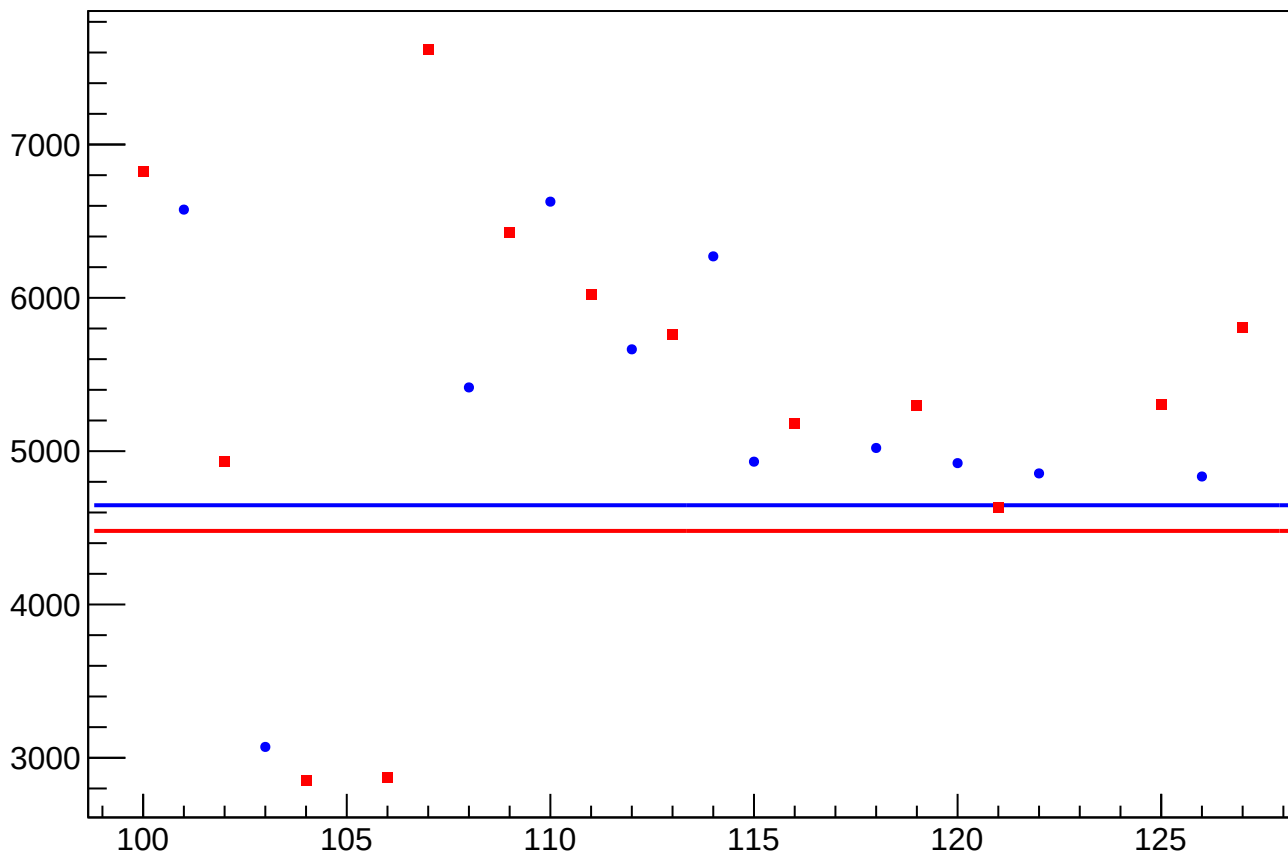
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -216.689+/-1554.457 χ^2/NDF : 28.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 4647.282+/-1.606 χ^2/NDF : 562960.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4479.839+/-1.471 χ^2/NDF : 878196.2/12

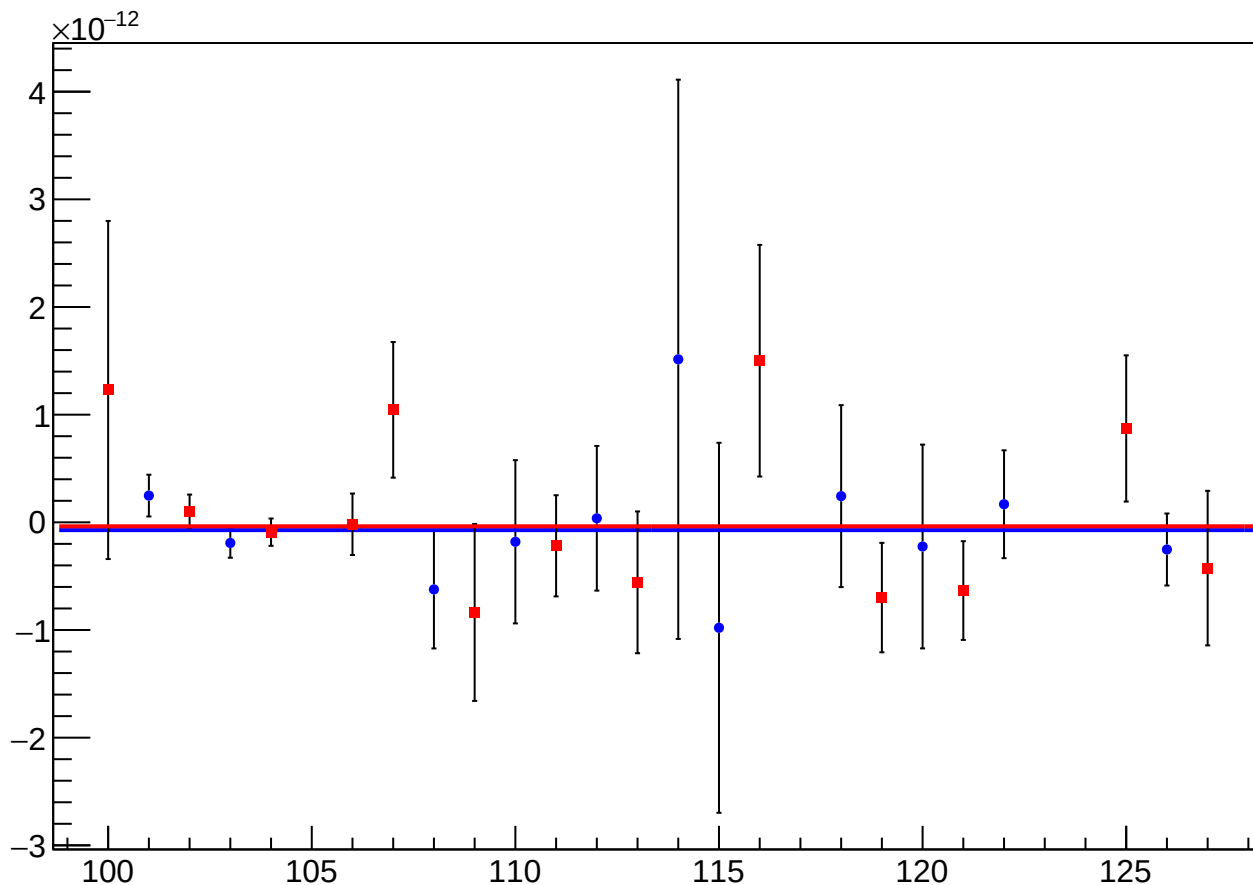
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4556.236+/-1.085 χ^2/NDF : 1447070.3/23

- 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: 5.9/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 13.9/12

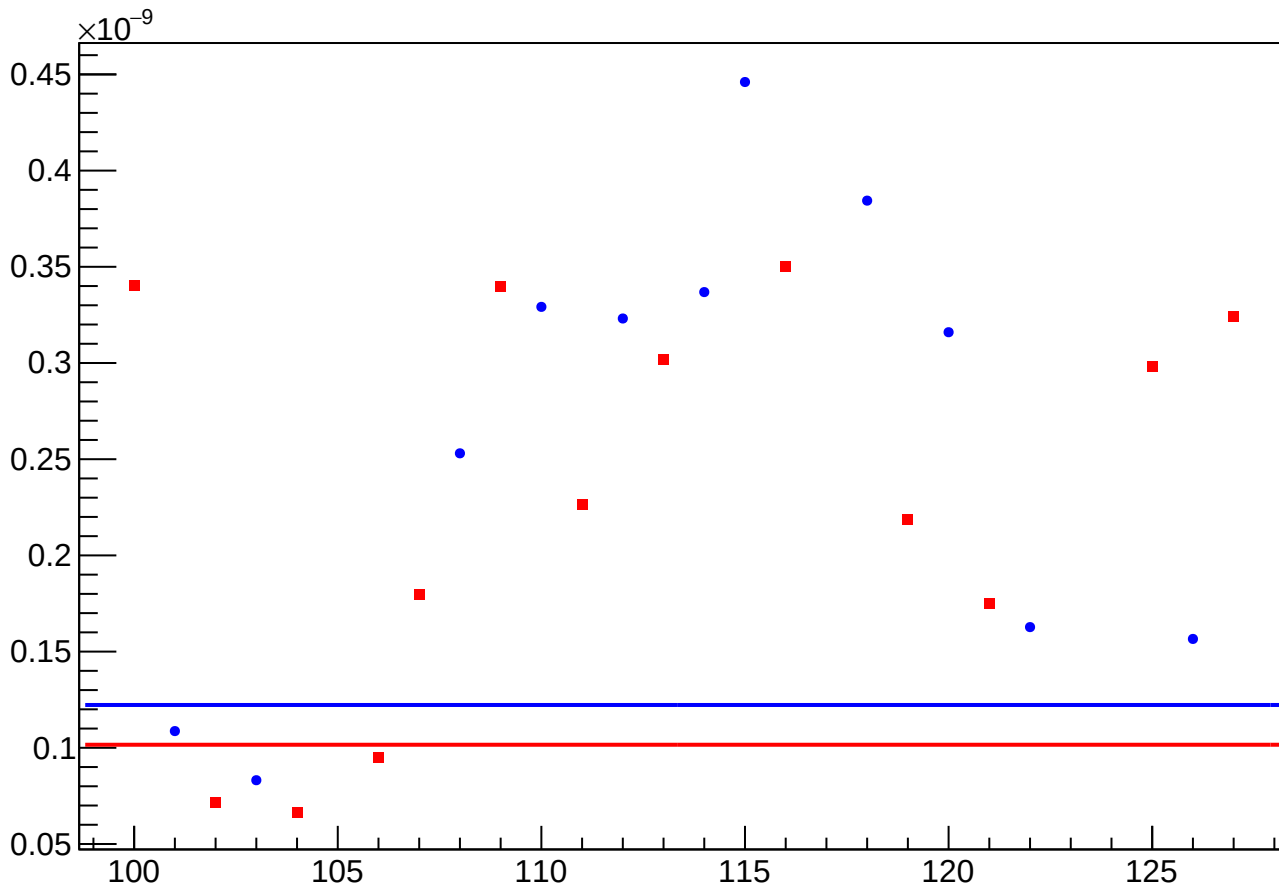
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 19.8/23

- 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 : 1008428.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1428444.0/12

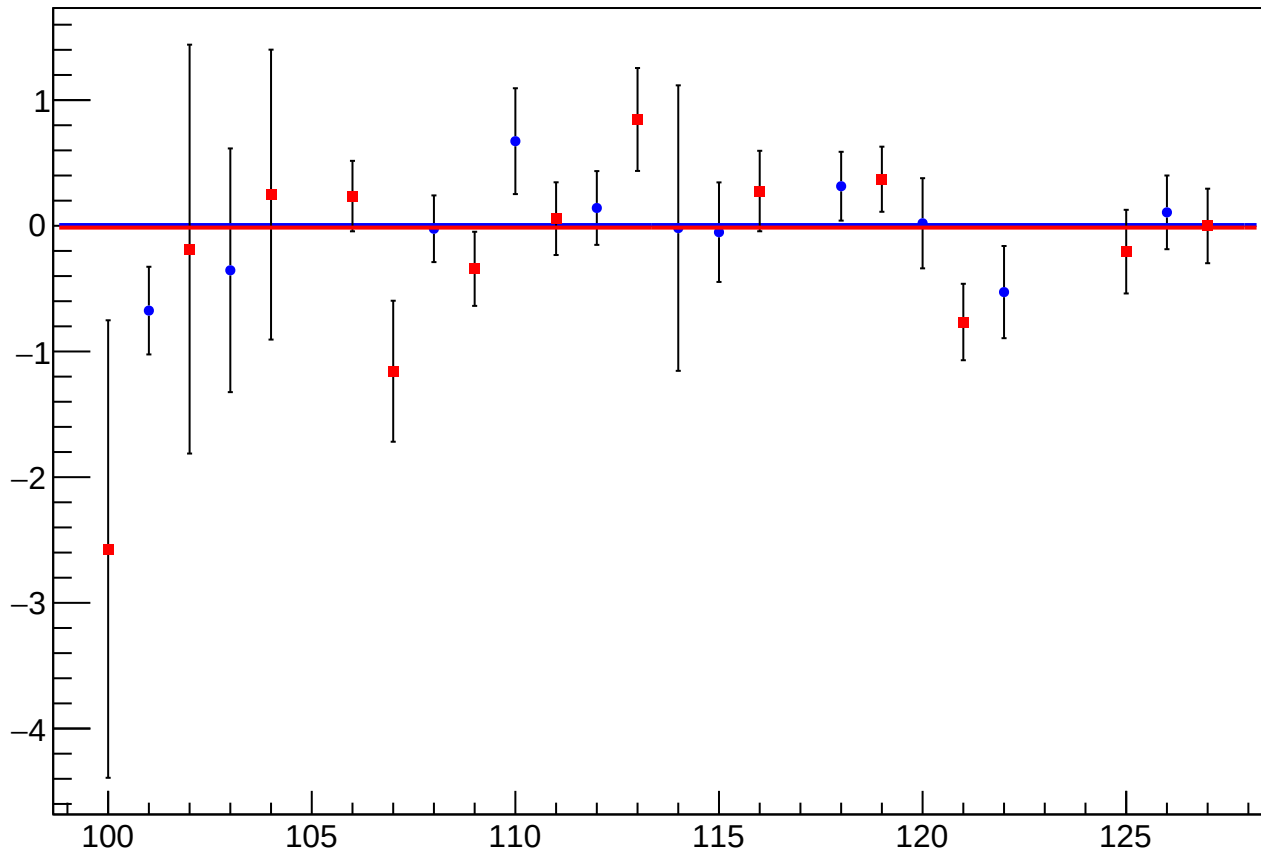
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2487767.4/23

- 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: 0.006+/-0.107 χ^2/NDF : 10.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.099 χ^2/NDF : 22.2/12

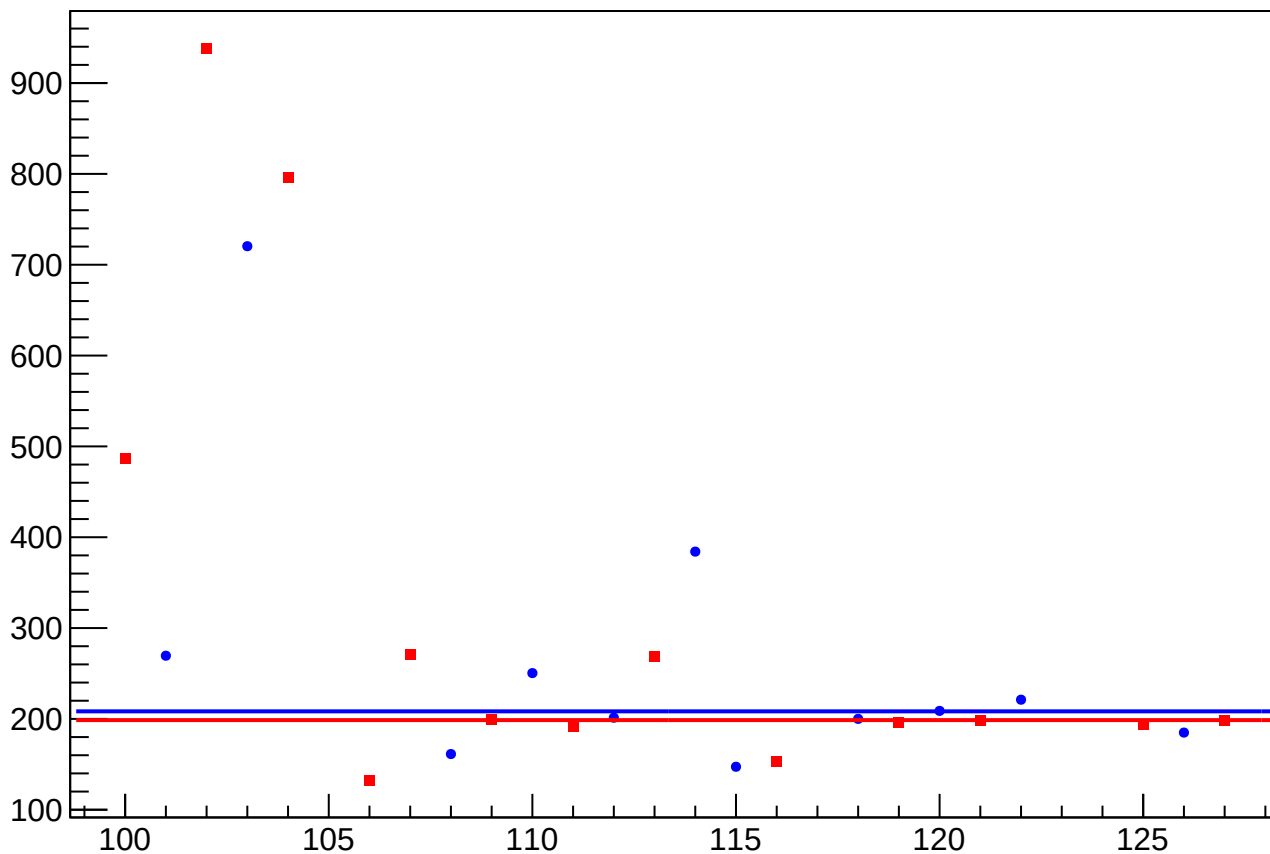
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.072 χ^2/NDF : 32.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_rms vs Slug



Right In: 208.322+/-0.075 χ^2/NDF : 816031.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 198.668+/-0.070 χ^2/NDF : 1246342.3/12

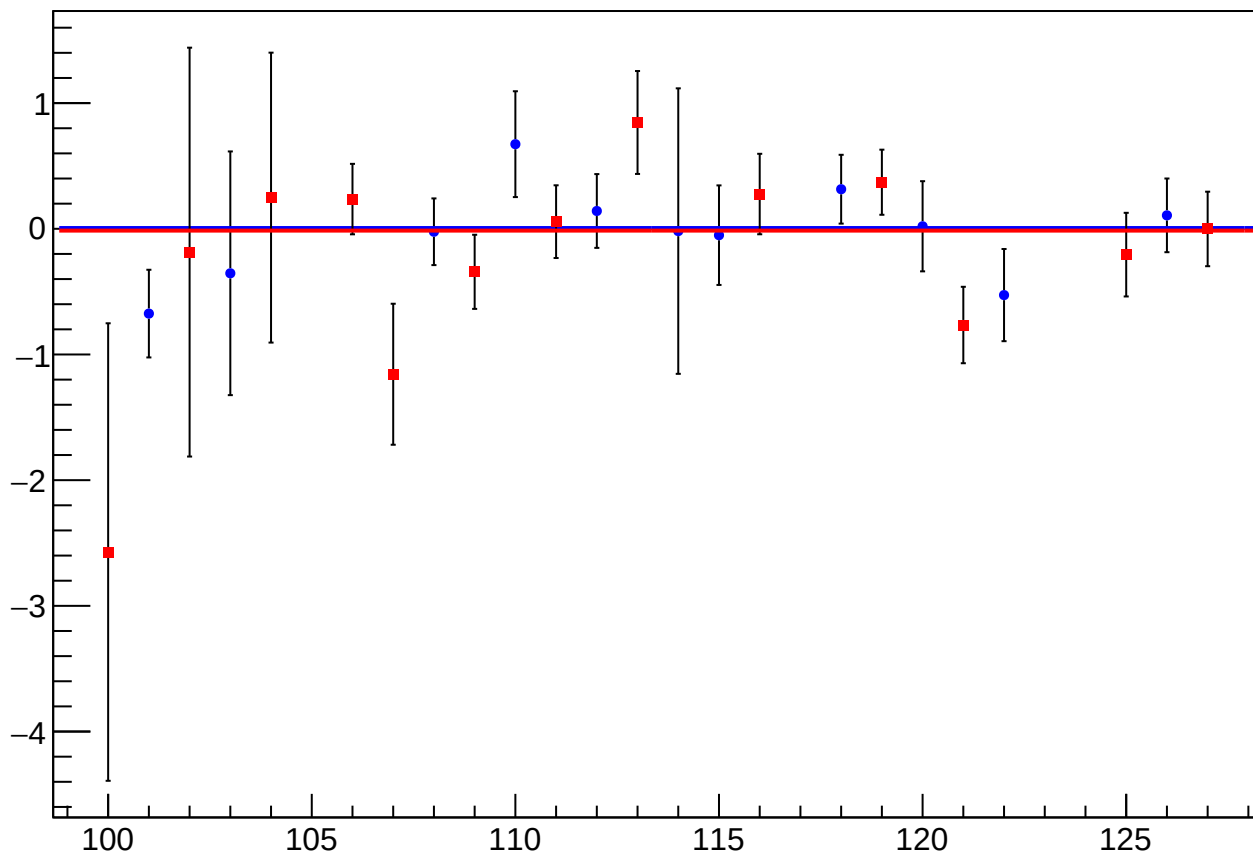
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.127+/-0.051 χ^2/NDF : 2071208.2/23

- 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: 0.006+/-0.107 χ^2/NDF : 10.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.099 χ^2/NDF : 22.2/12

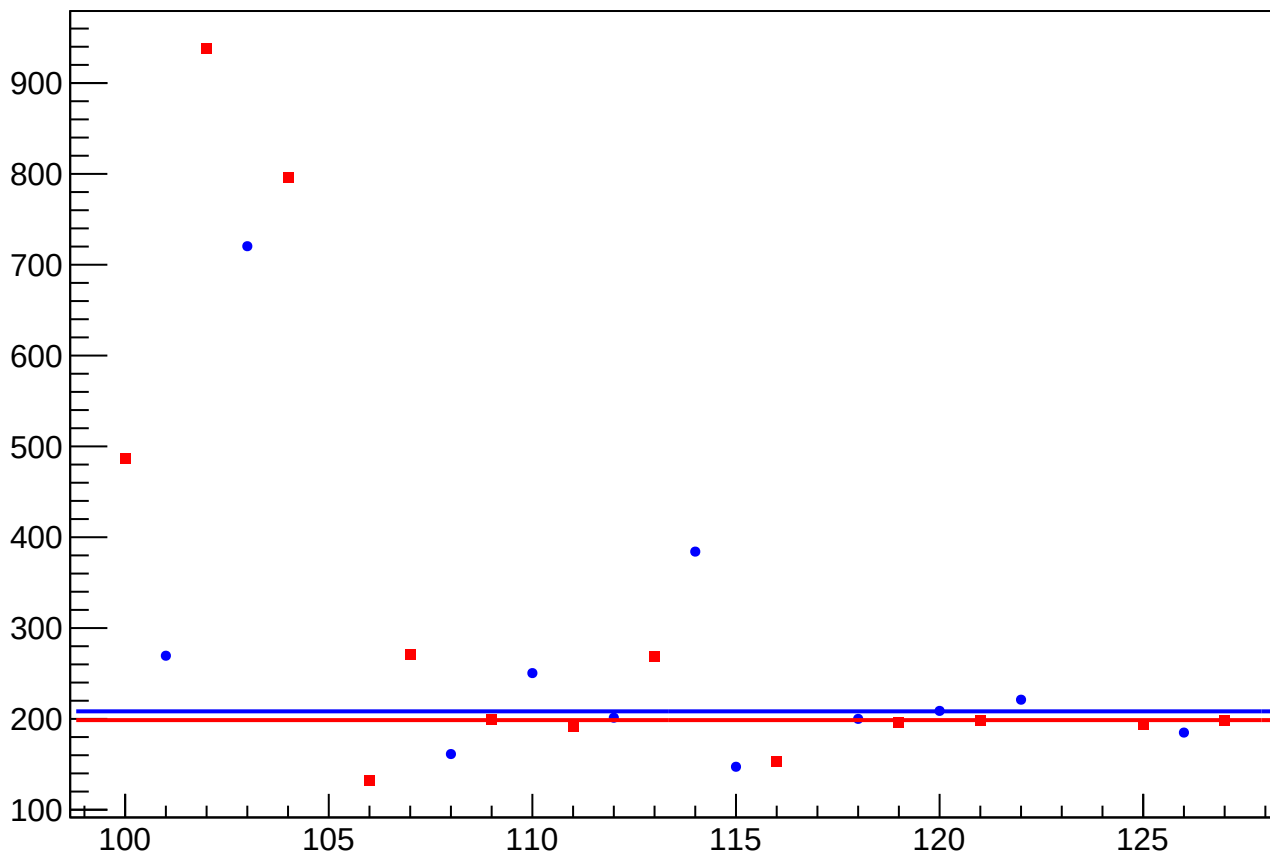
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.072 χ^2/NDF : 32.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 208.322+/-0.075 χ^2/NDF : 816031.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

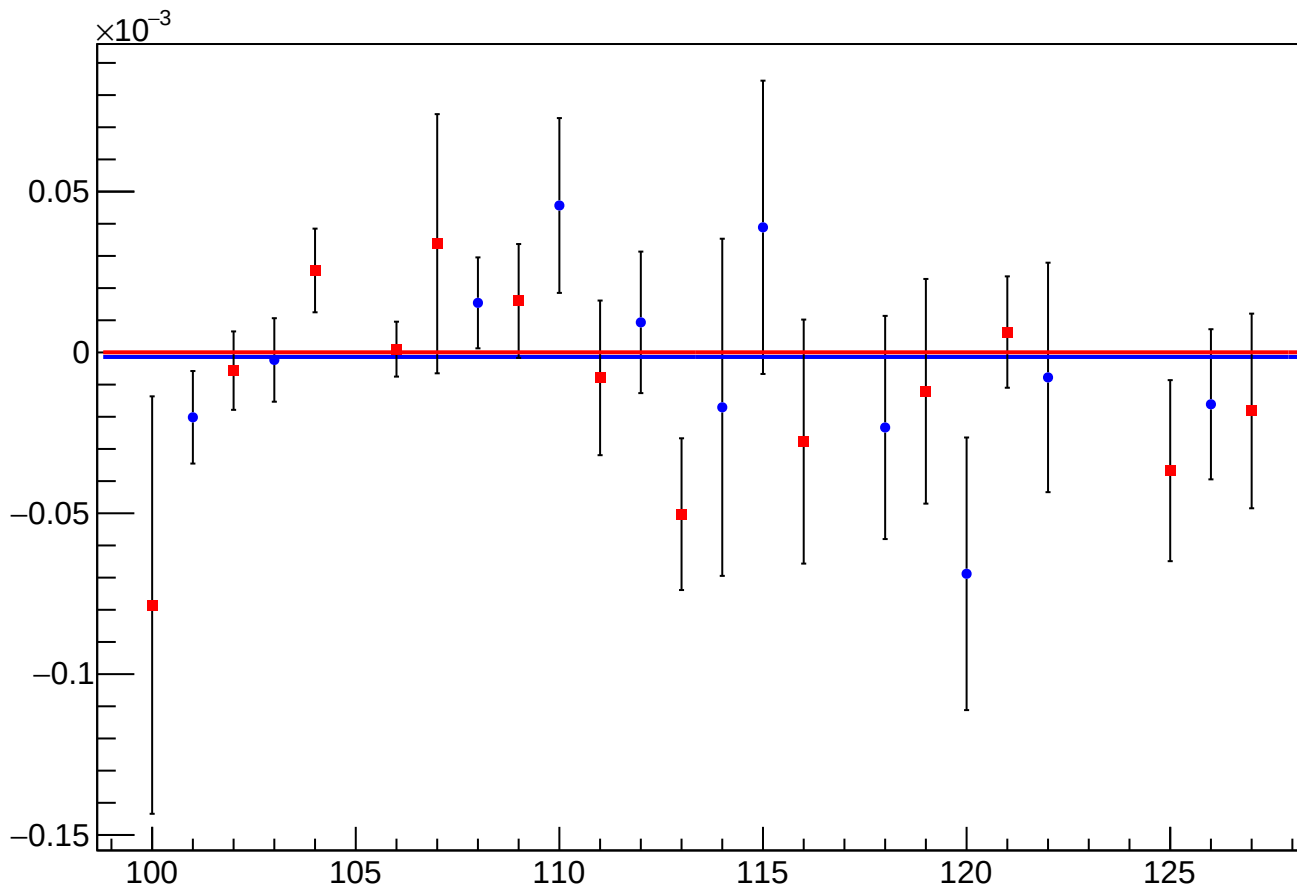
Right Out: 198.668+/-0.070 χ^2/NDF : 1246342.3/12

All: 203.127+/-0.051 χ^2/NDF : 2071208.2/23

- 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_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.6/12

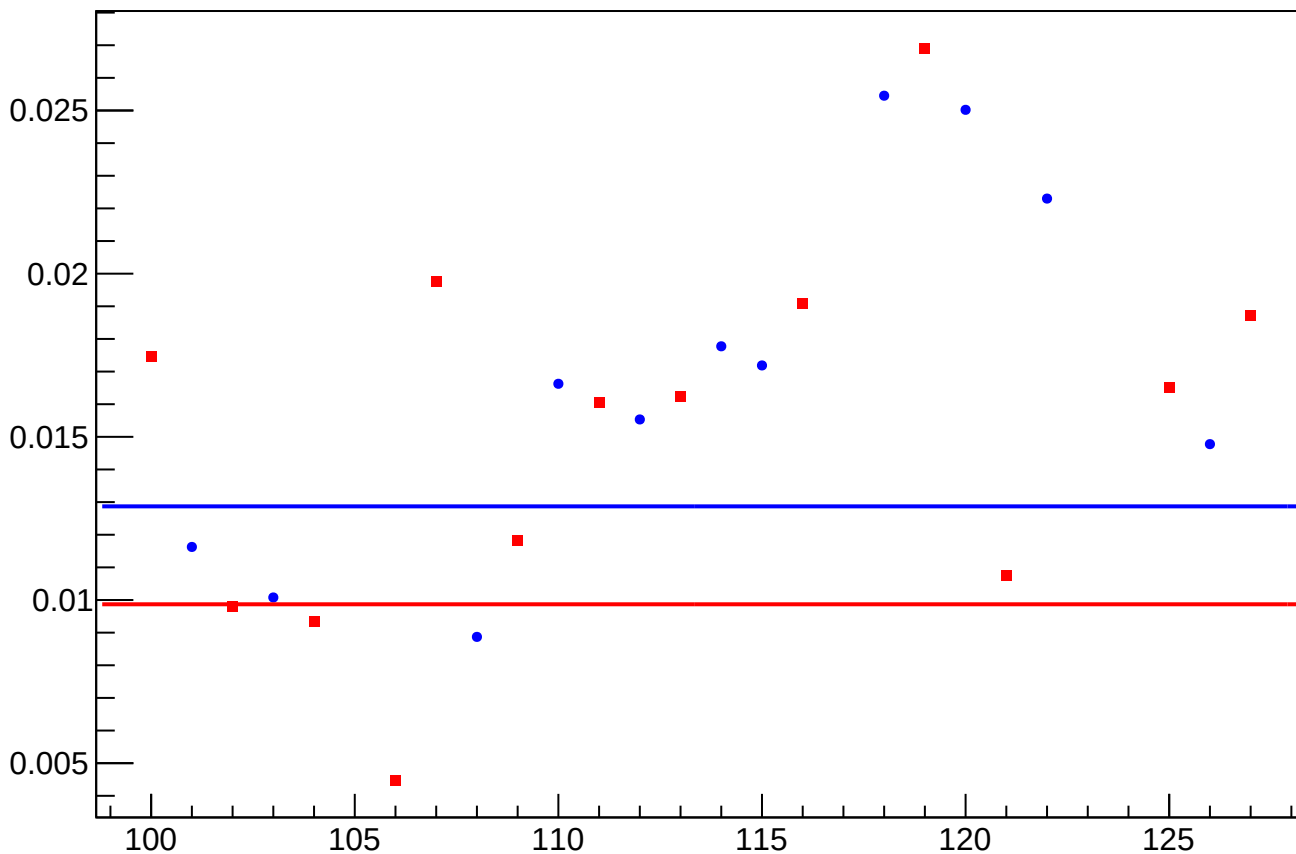
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 25.2/23

- 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: 0.013+/-0.000 χ^2/NDF : 951540.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 2135859.9/12

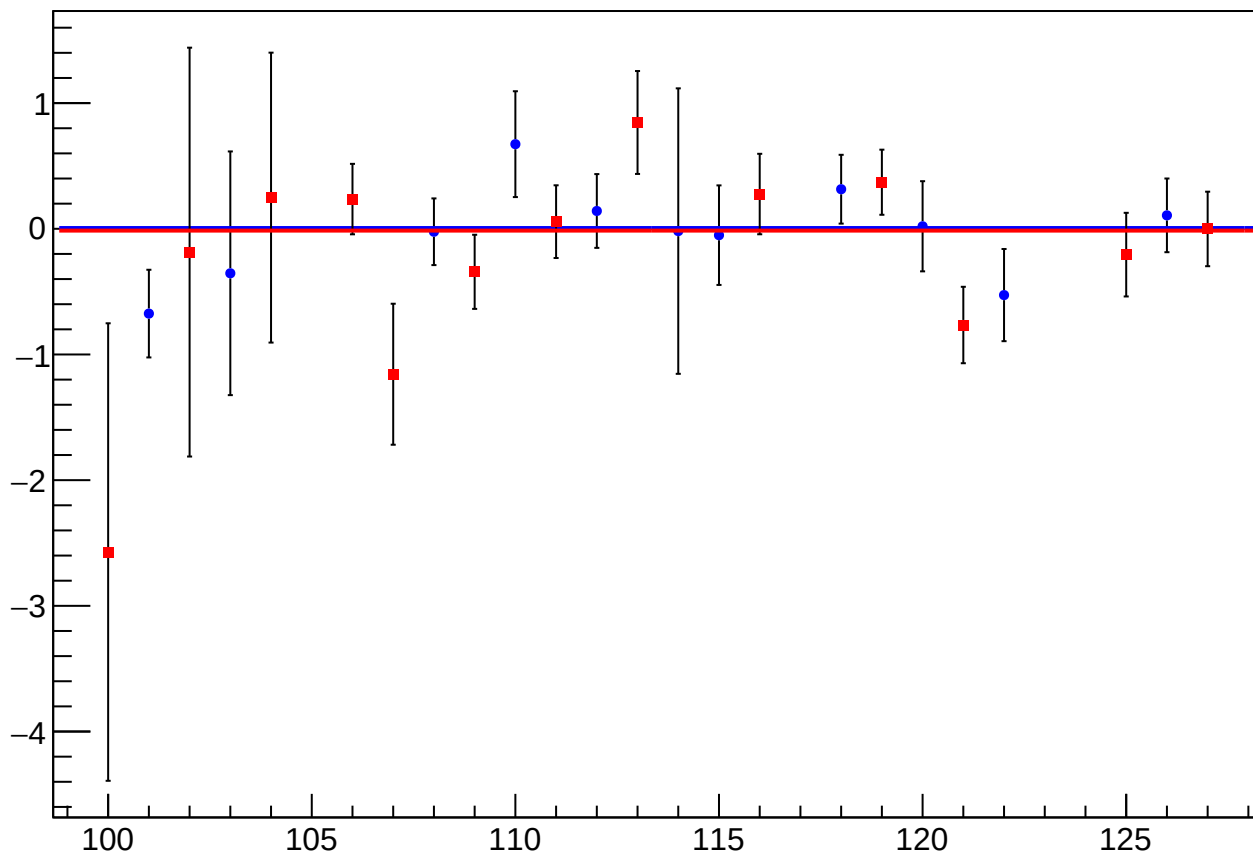
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 3360726.0/23

- 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: 0.006+/-0.107 χ^2/NDF : 10.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.099 χ^2/NDF : 22.2/12

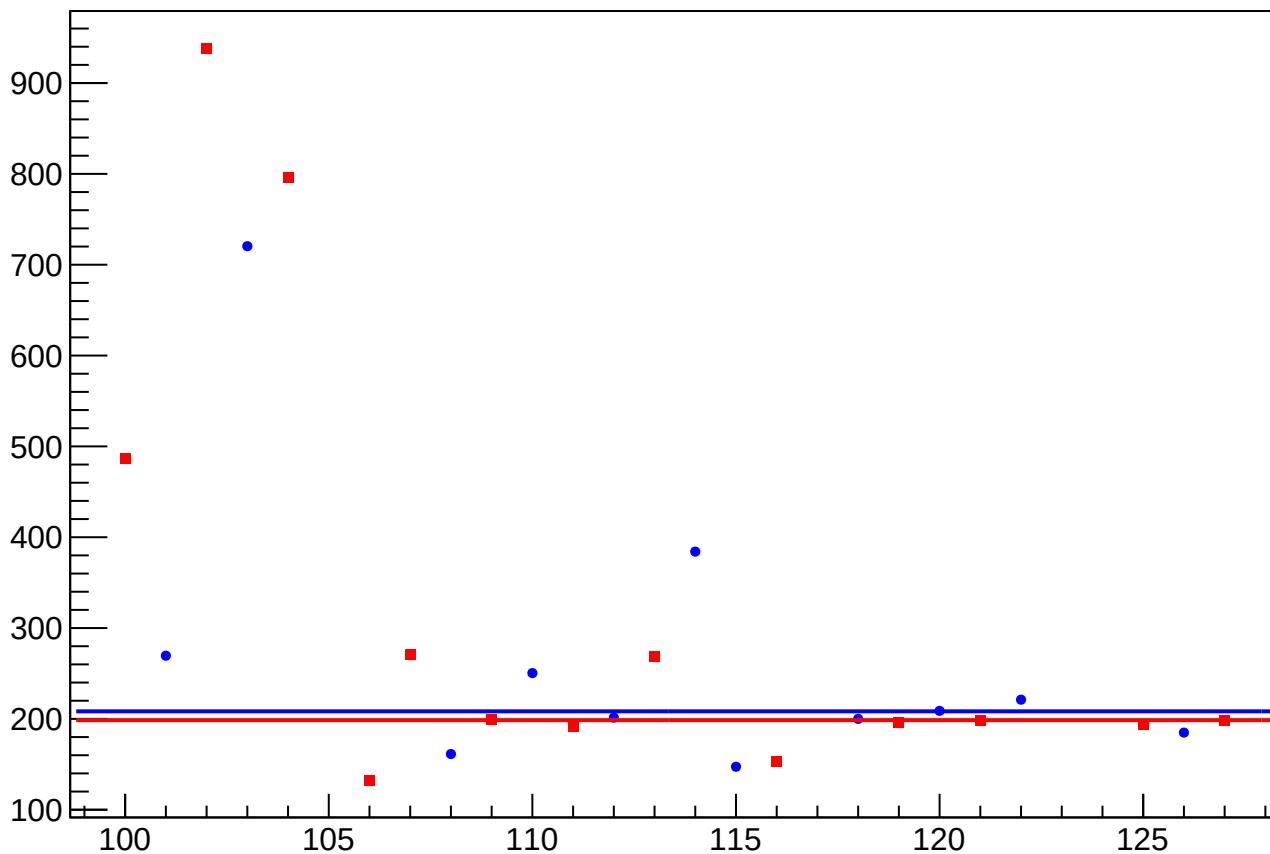
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.072 χ^2/NDF : 32.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 208.321+/-0.075 χ^2/NDF : 816020.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 198.667+/-0.070 χ^2/NDF : 1246328.3/12

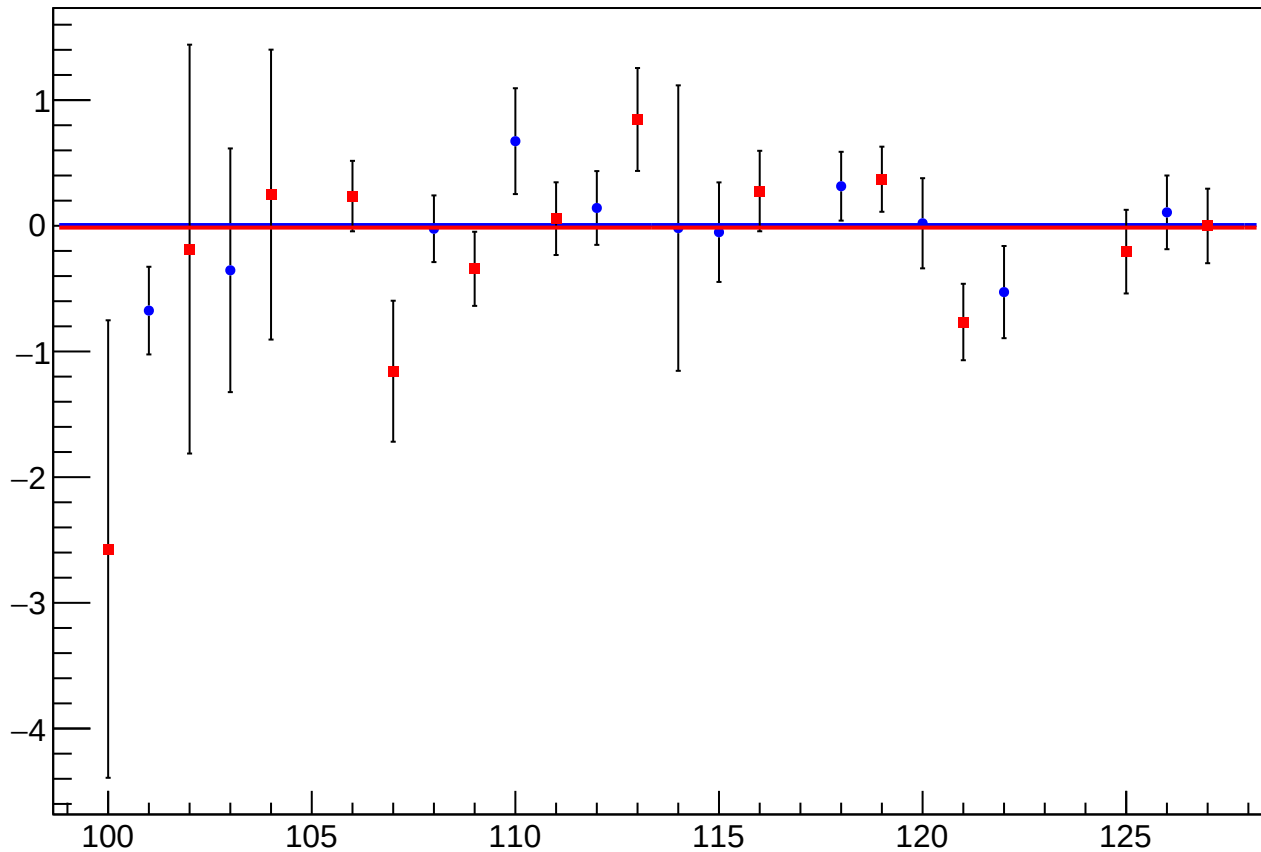
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.126+/-0.051 χ^2/NDF : 2071184.4/23

- 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: 0.006+/-0.107 χ^2/NDF : 10.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.099 χ^2/NDF : 22.2/12

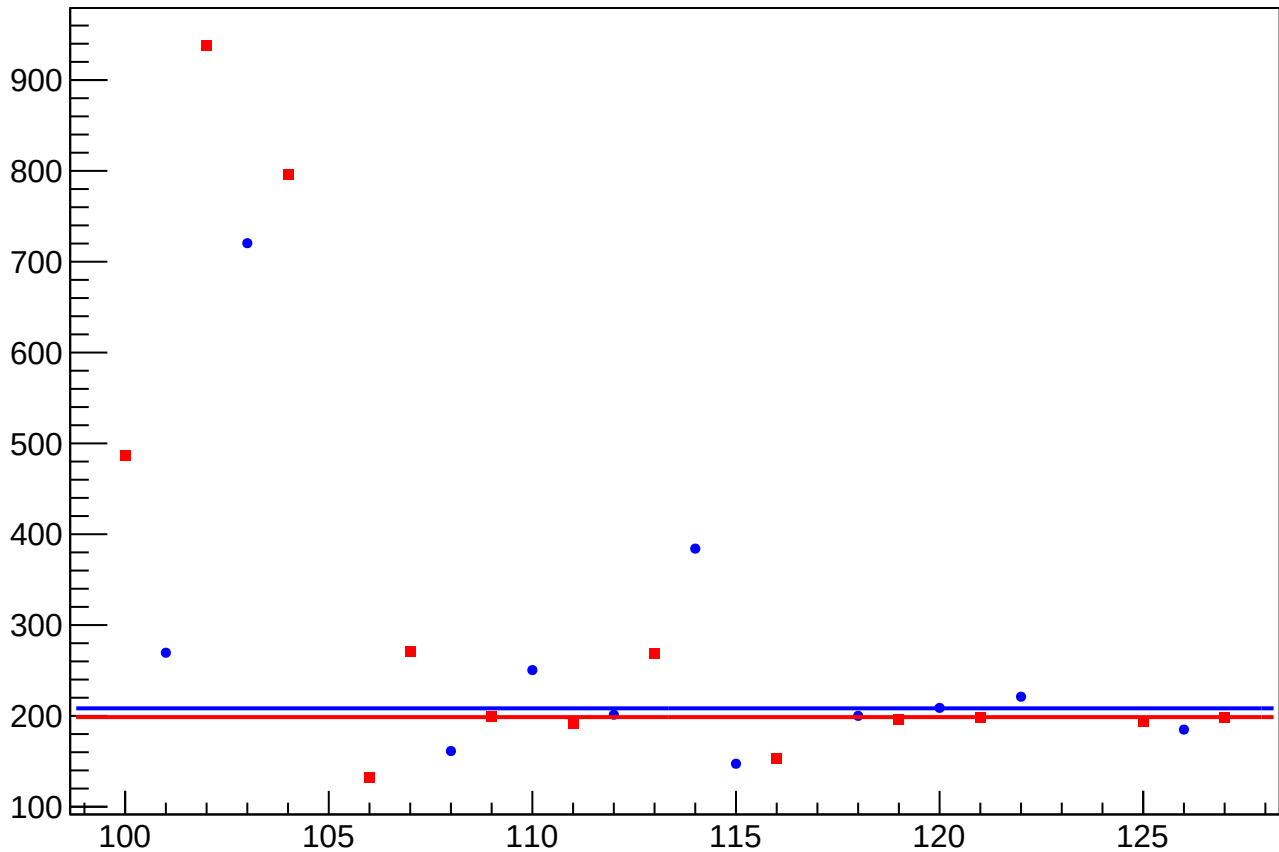
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.072 χ^2/NDF : 32.4/23

- sign 0.000+/-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: 208.321+/-0.075 χ^2/NDF : 816020.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

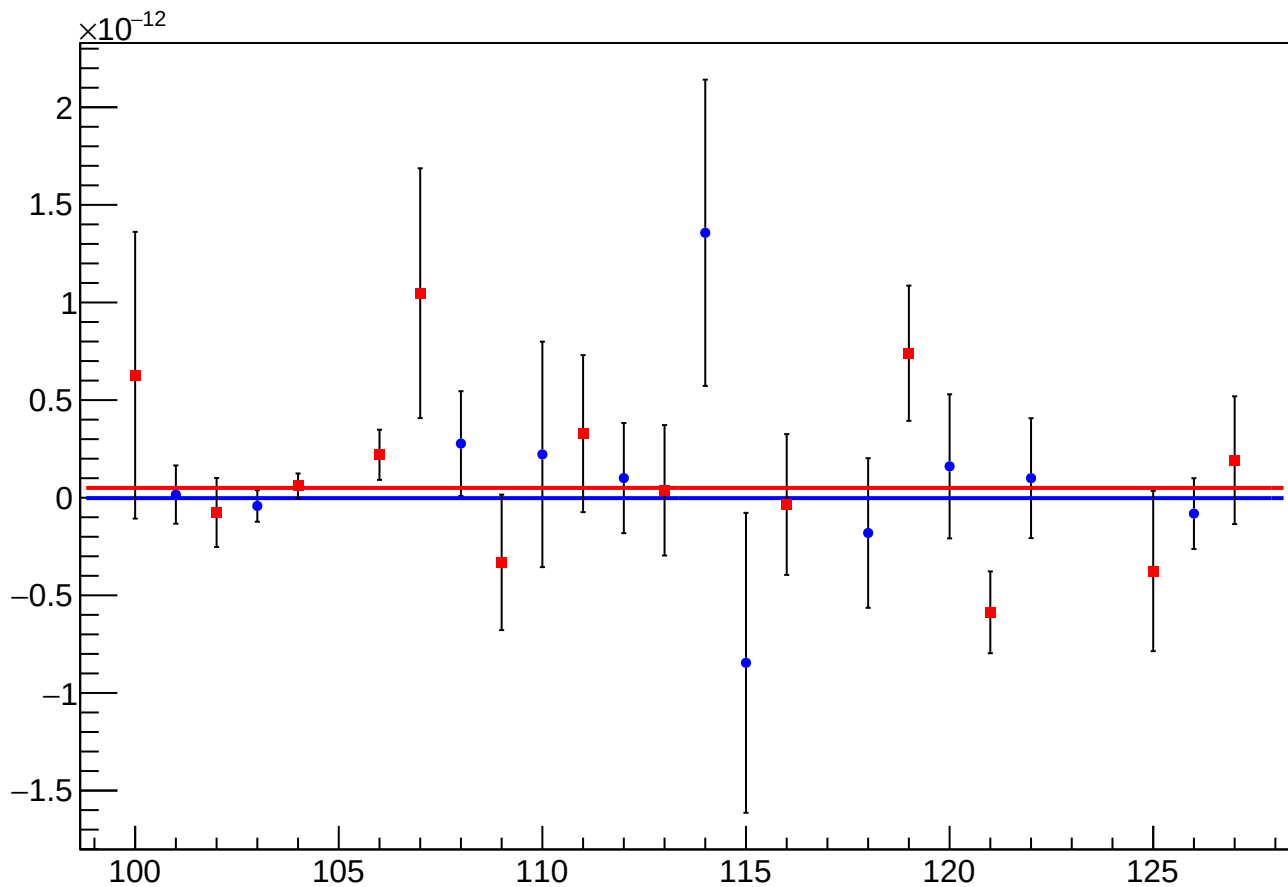
Right Out: 198.667+/-0.070 χ^2/NDF : 1246328.3/12

All: 203.126+/-0.051 χ^2/NDF : 2071184.4/23

- 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_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 6.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 21.5/12

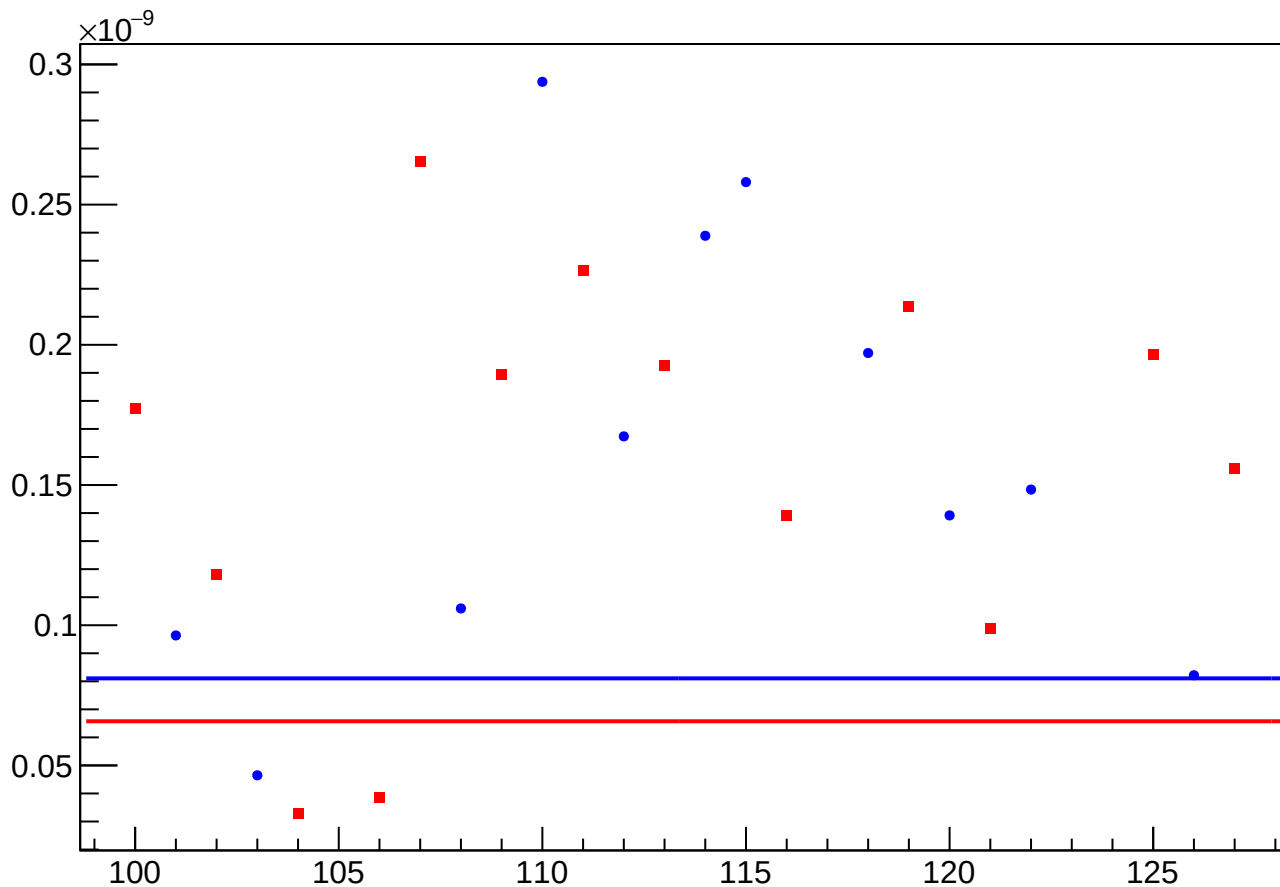
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1378068.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2753958.1/12

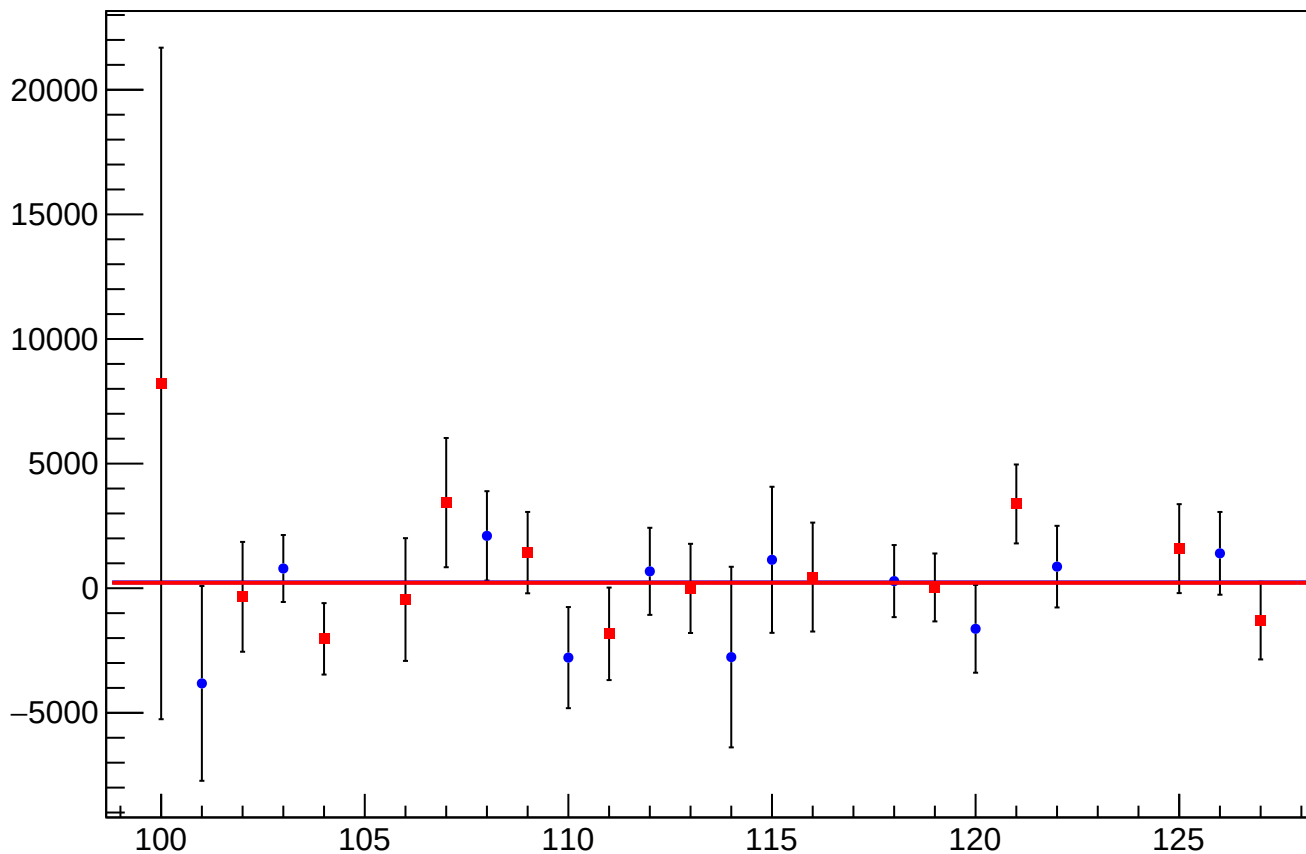
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4211520.5/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: 232.998+/-556.458 χ^2/NDF : 7.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 219.238+/-508.791 χ^2/NDF : 11.8/12

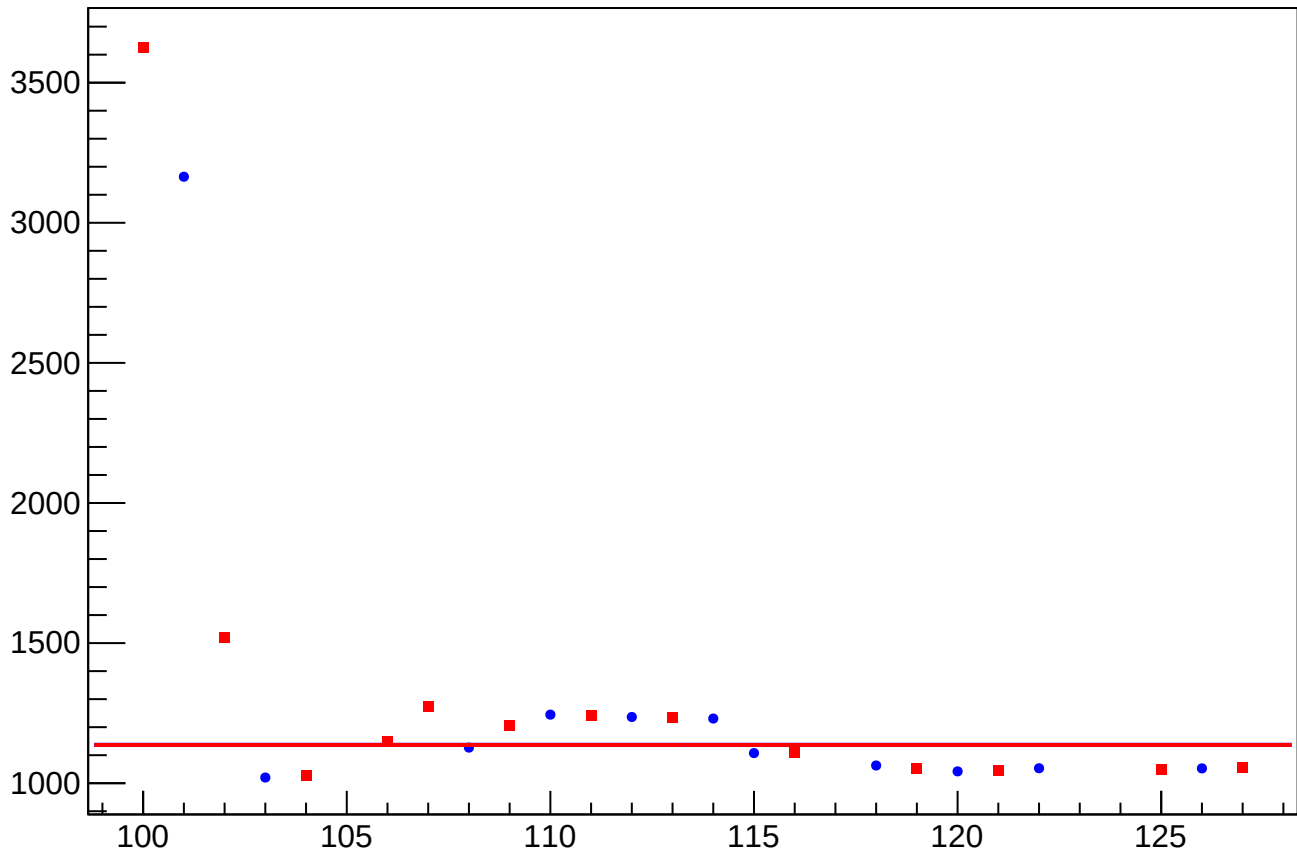
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 225.504+/-375.493 χ^2/NDF : 19.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1137.001+/-0.393 χ^2/NDF : 588557.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1136.601+/-0.359 χ^2/NDF : 187313.5/12

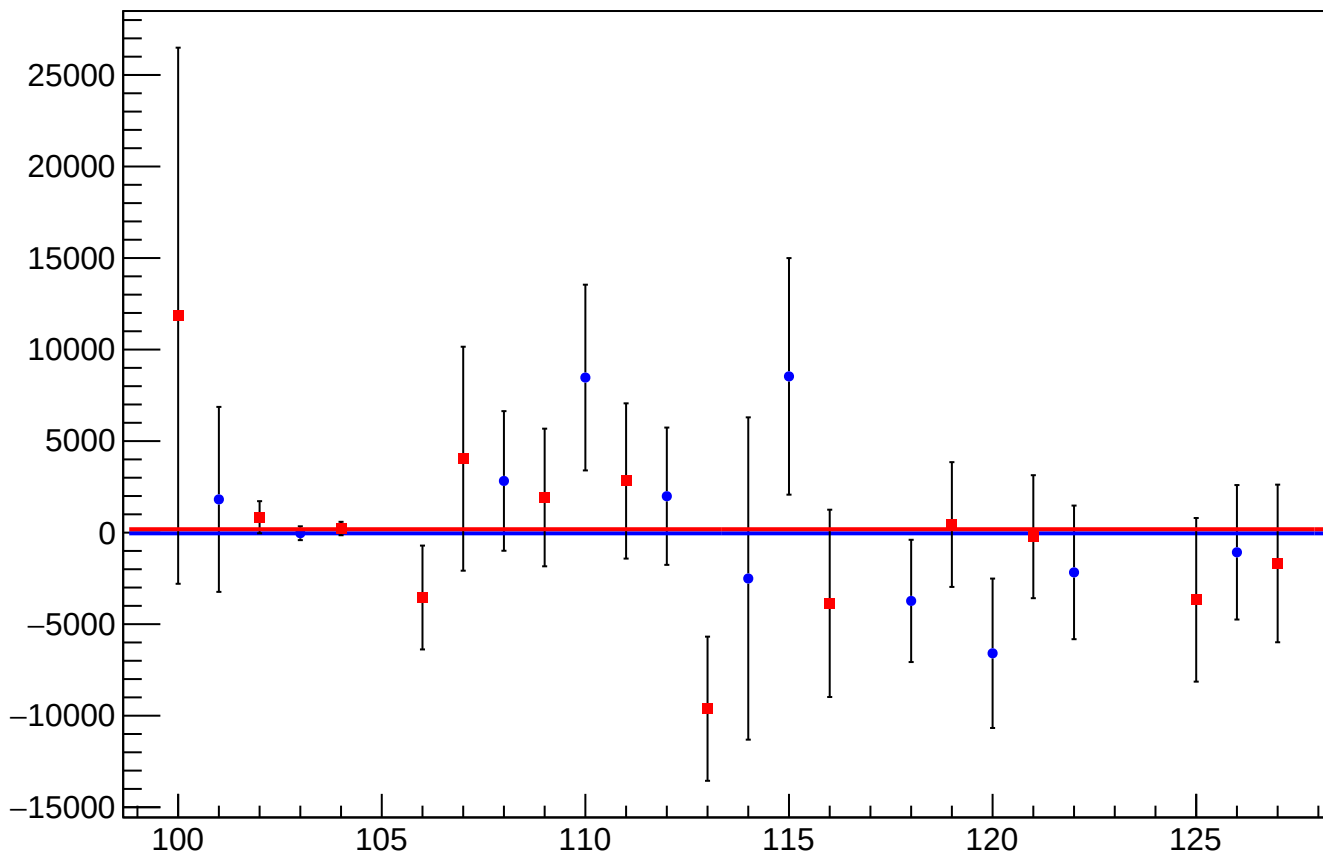
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1136.783+/-0.265 χ^2/NDF : 775871.5/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_reg_correction_mean vs Slug



Right In: -38.622 $\pm$ 363.533 χ^2 /NDF: 9.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 186.476 $\pm$ 325.786 χ^2 /NDF: 11.7/12

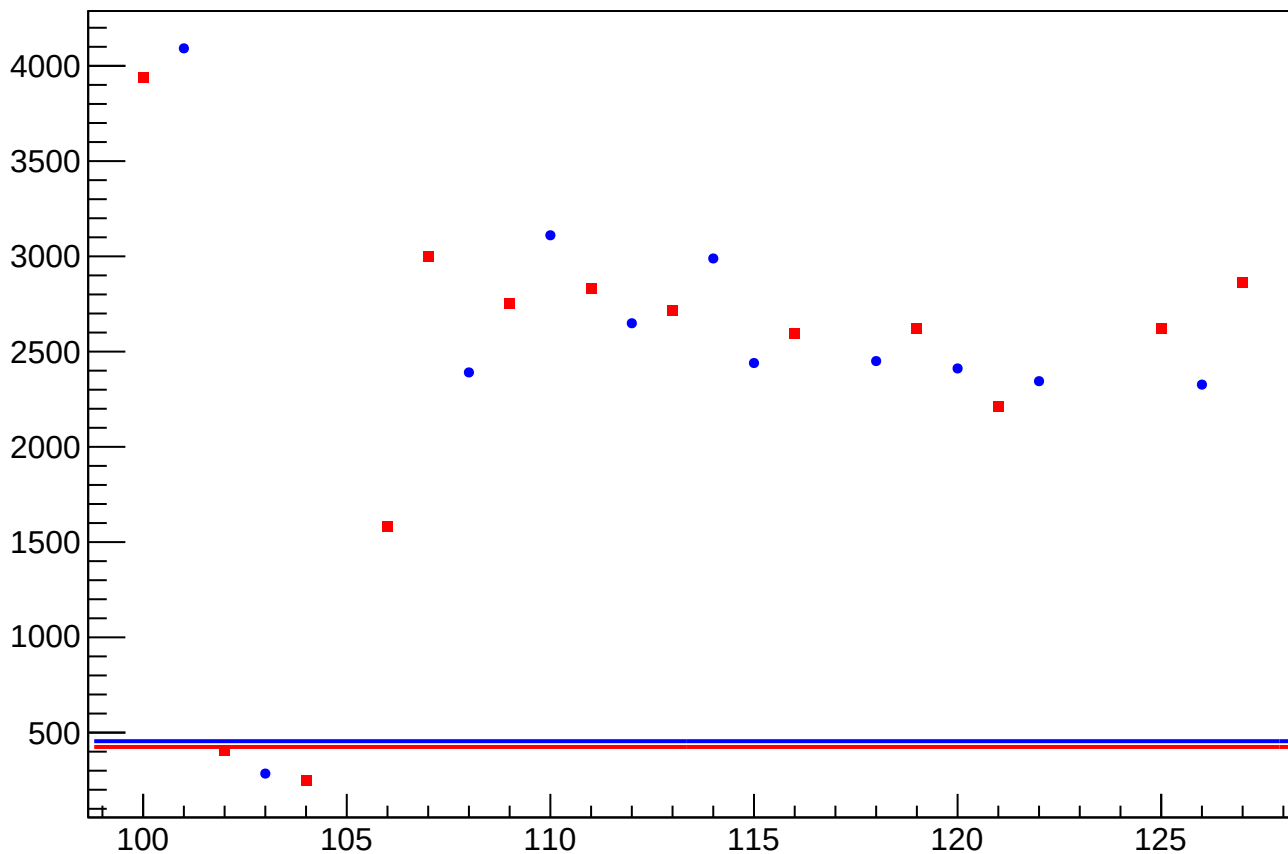
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 86.216 $\pm$ 242.617 χ^2 /NDF: 21.8/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_reg_correction_rms vs Slug



Right In: 454.889+/-0.257 χ^2/NDF : 5774133.7/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 424.541+/-0.230 χ^2/NDF : 6238232.9/12

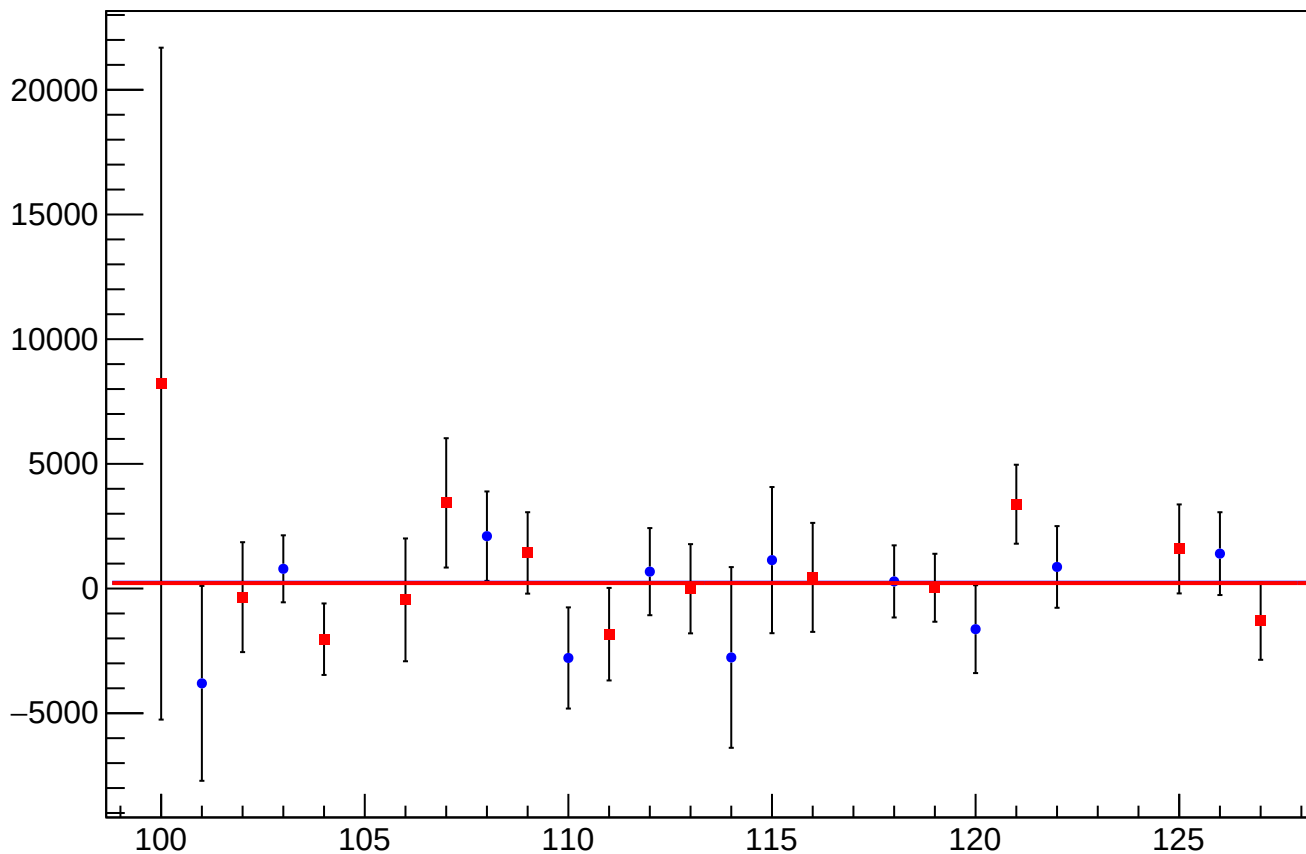
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 438.058+/-0.172 χ^2/NDF : 12020096.2/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: 233.309+/-556.458 χ^2/NDF : 7.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 218.986+/-508.791 χ^2/NDF : 11.8/12

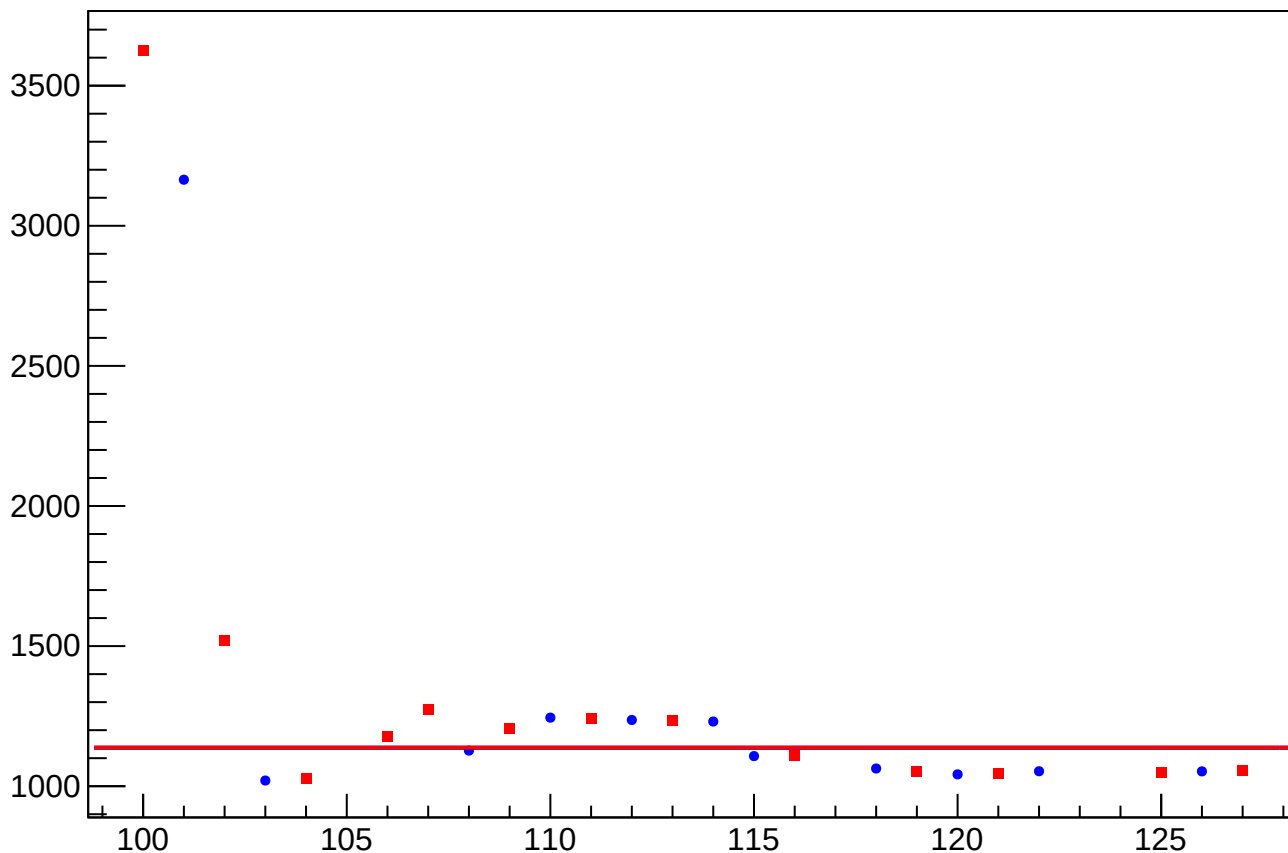
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 225.508+/-375.493 χ^2/NDF : 19.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1137.001+/-0.393 χ^2/NDF : 588558.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

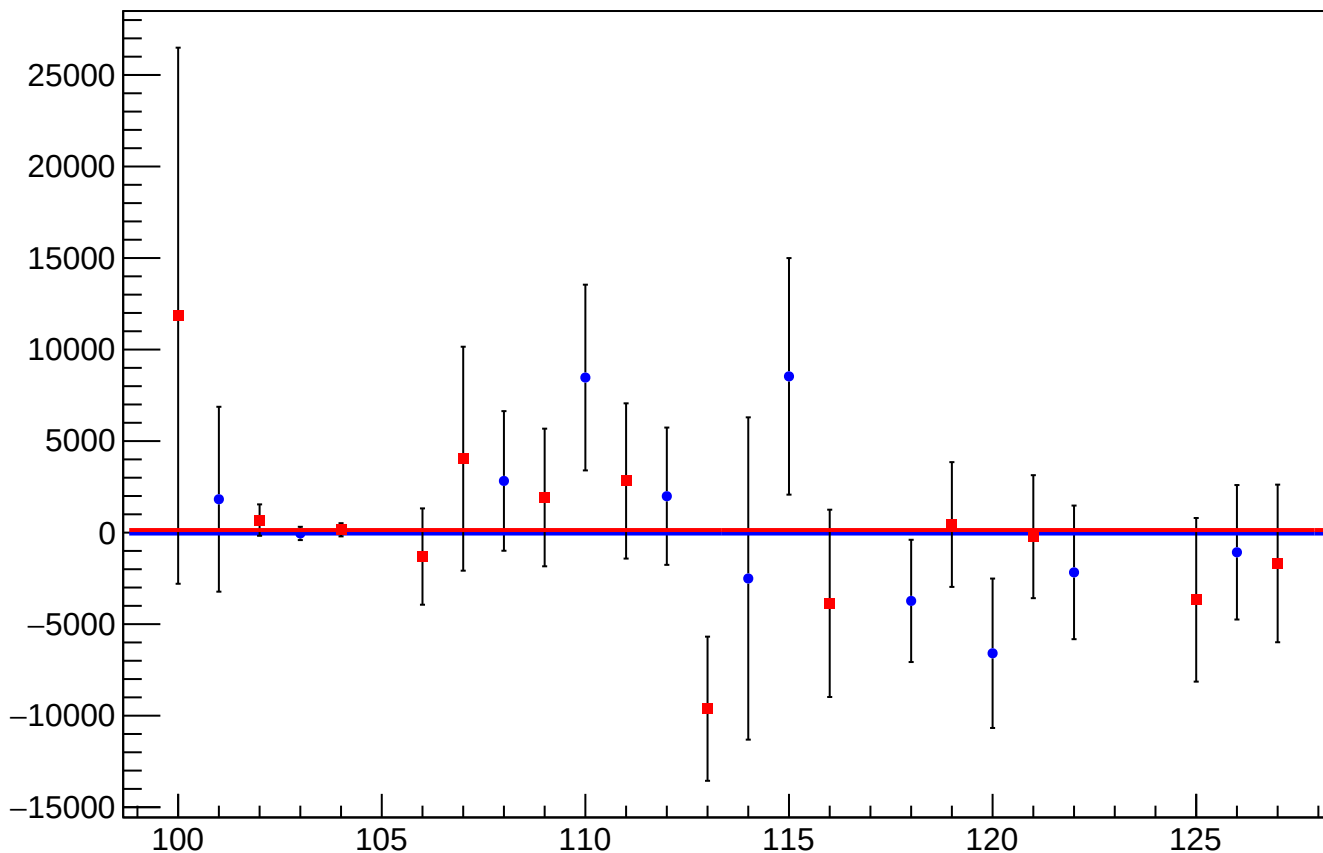
Right Out: 1137.936+/-0.359 χ^2/NDF : 187857.0/12

All: 1137.511+/-0.265 χ^2/NDF : 776418.7/23

- 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_cor_correction_mean vs Slug



Right In: -50.081 ± 349.774 χ^2/NDF : 9.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 140.670 ± 320.453 χ^2/NDF : 10.1/12

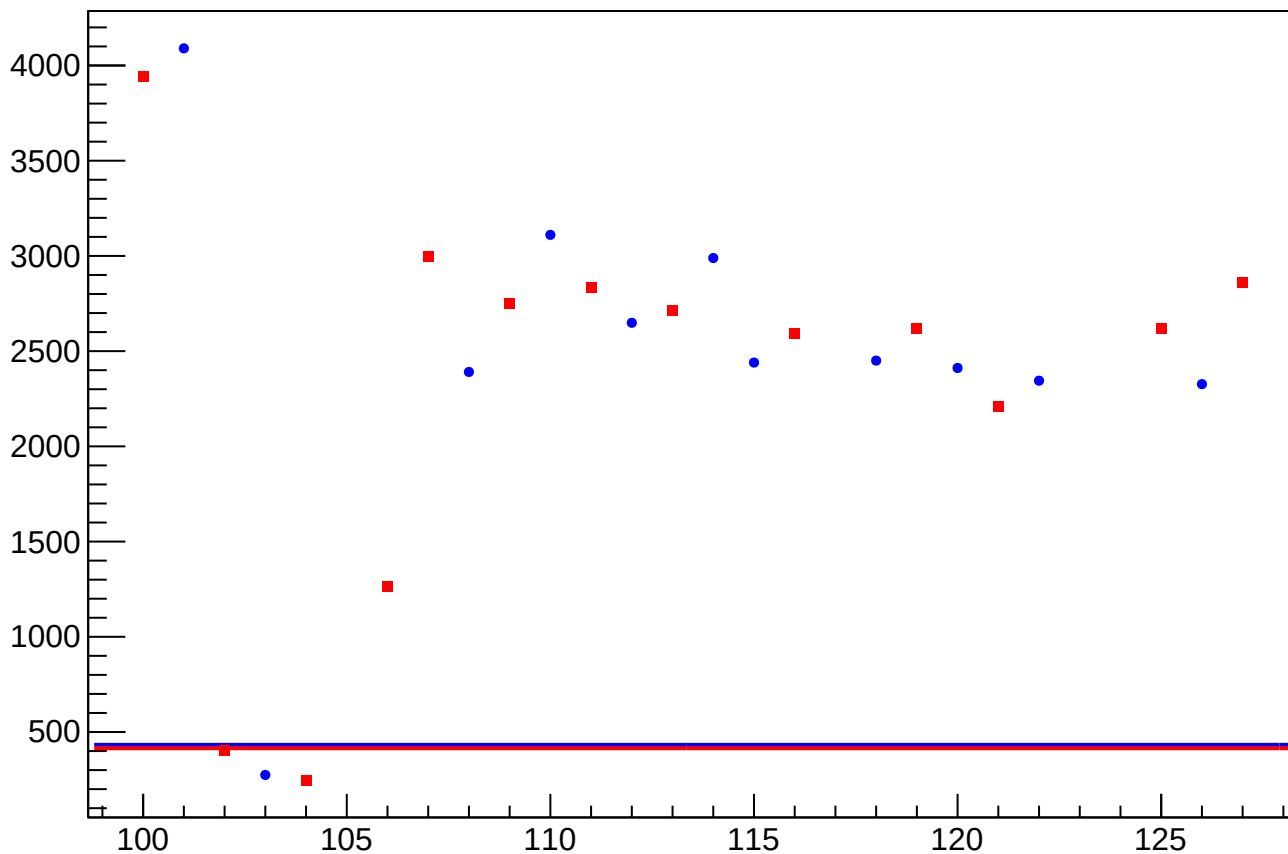
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 53.623 ± 236.282 χ^2/NDF : 20.1/23

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_cor_correction_rms vs Slug



Right In: 432.632+/-0.247 χ^2/NDF : 5856180.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 414.906+/-0.227 χ^2/NDF : 6139724.7/12

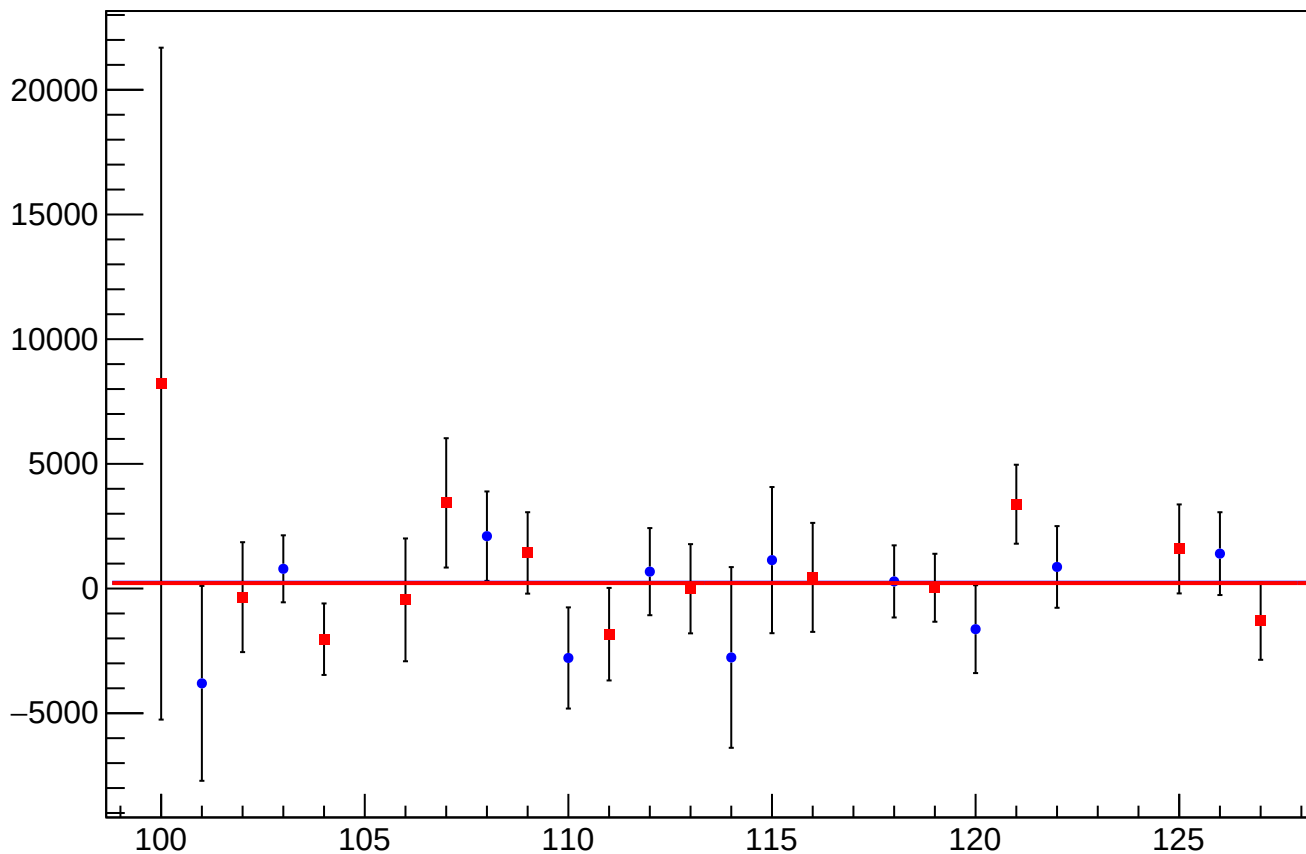
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 422.995+/-0.167 χ^2/NDF : 11998697.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: 233.309+/-556.458 χ^2/NDF : 7.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 218.986+/-508.791 χ^2/NDF : 11.8/12

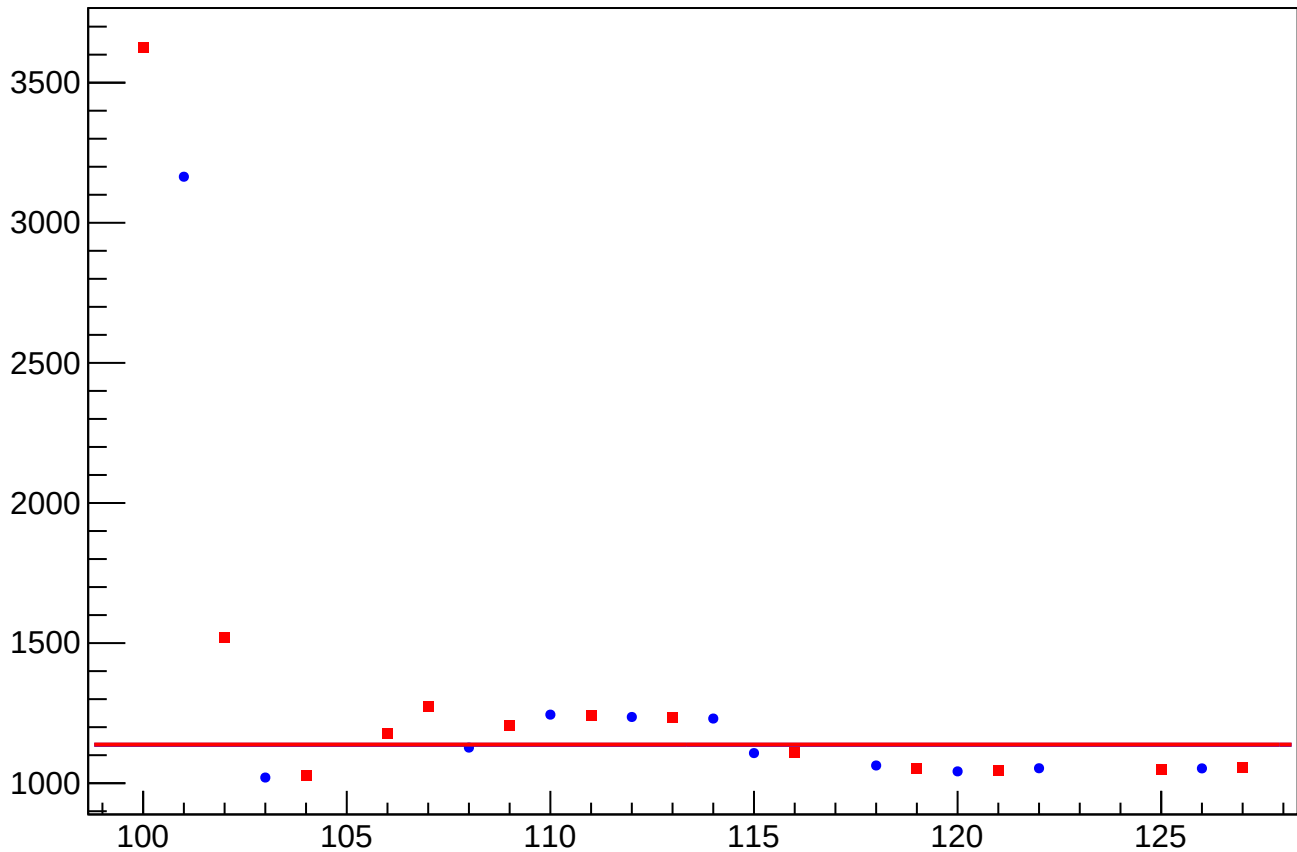
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 225.508+/-375.493 χ^2/NDF : 19.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1137.001+/-0.393 χ^2/NDF : 588558.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1137.936+/-0.359 χ^2/NDF : 187857.0/12

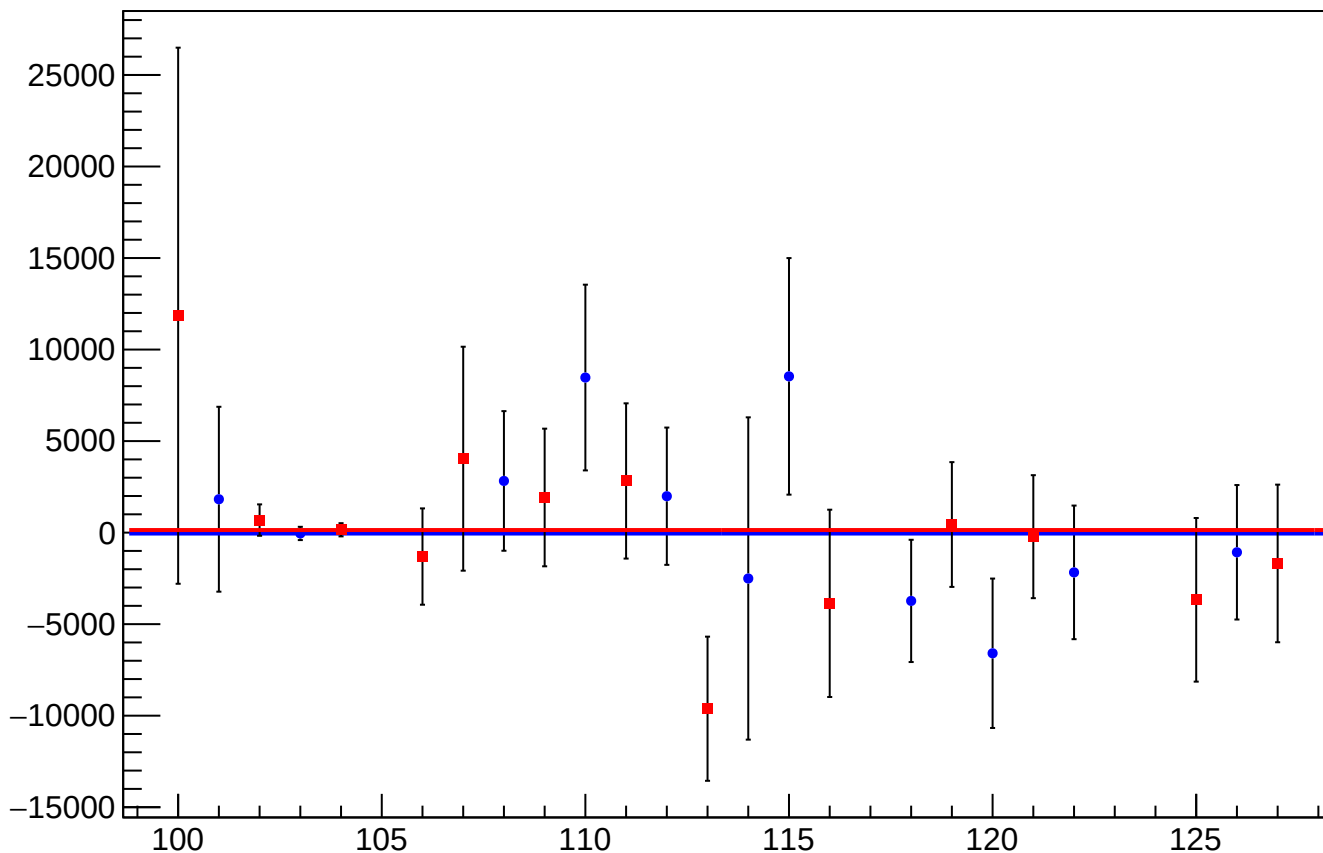
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1137.511+/-0.265 χ^2/NDF : 776418.7/23

- 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: -50.081+/-349.774 χ^2/NDF : 9.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 140.670+/-320.453 χ^2/NDF : 10.1/12

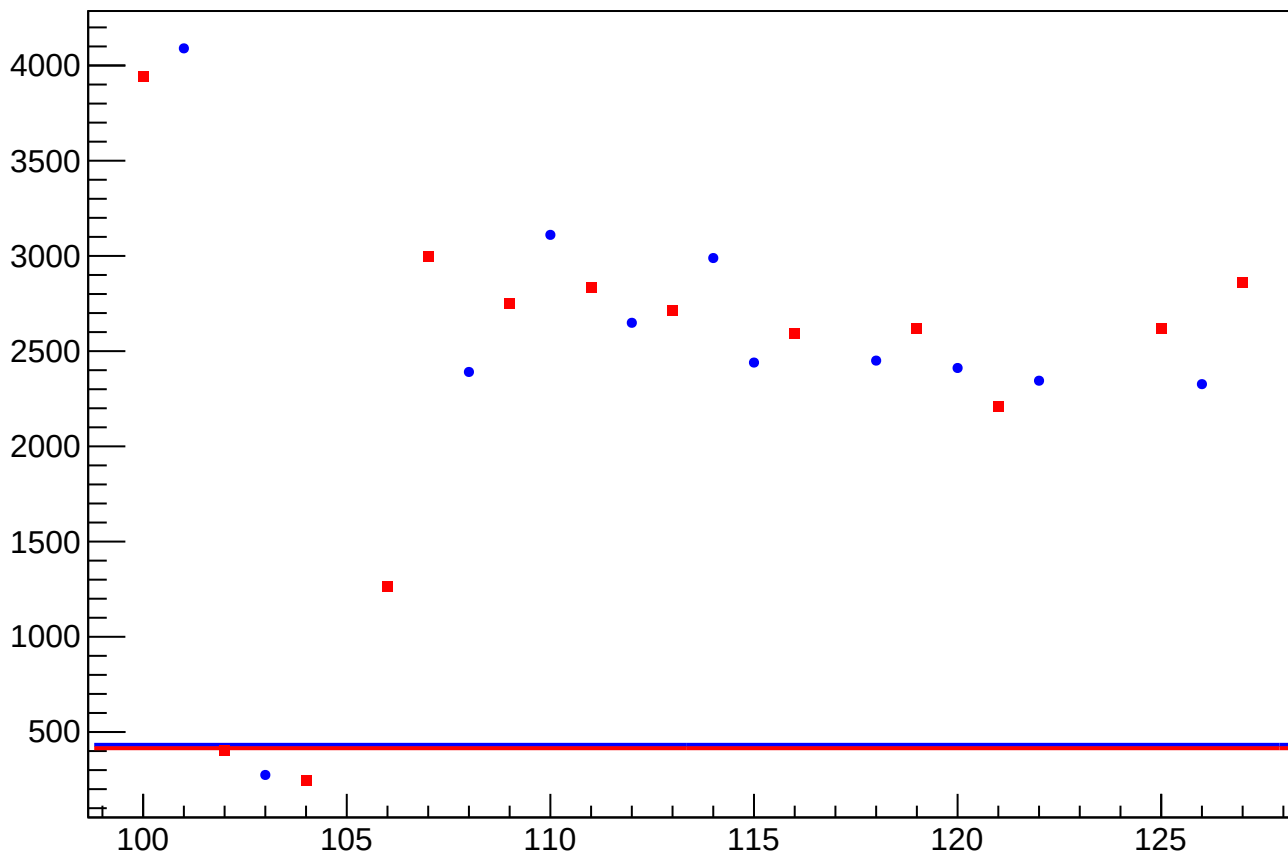
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.623+/-236.282 χ^2/NDF : 20.1/23

- 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: 432.632+/-0.247 χ^2/NDF : 5856180.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 414.906+/-0.227 χ^2/NDF : 6139724.7/12

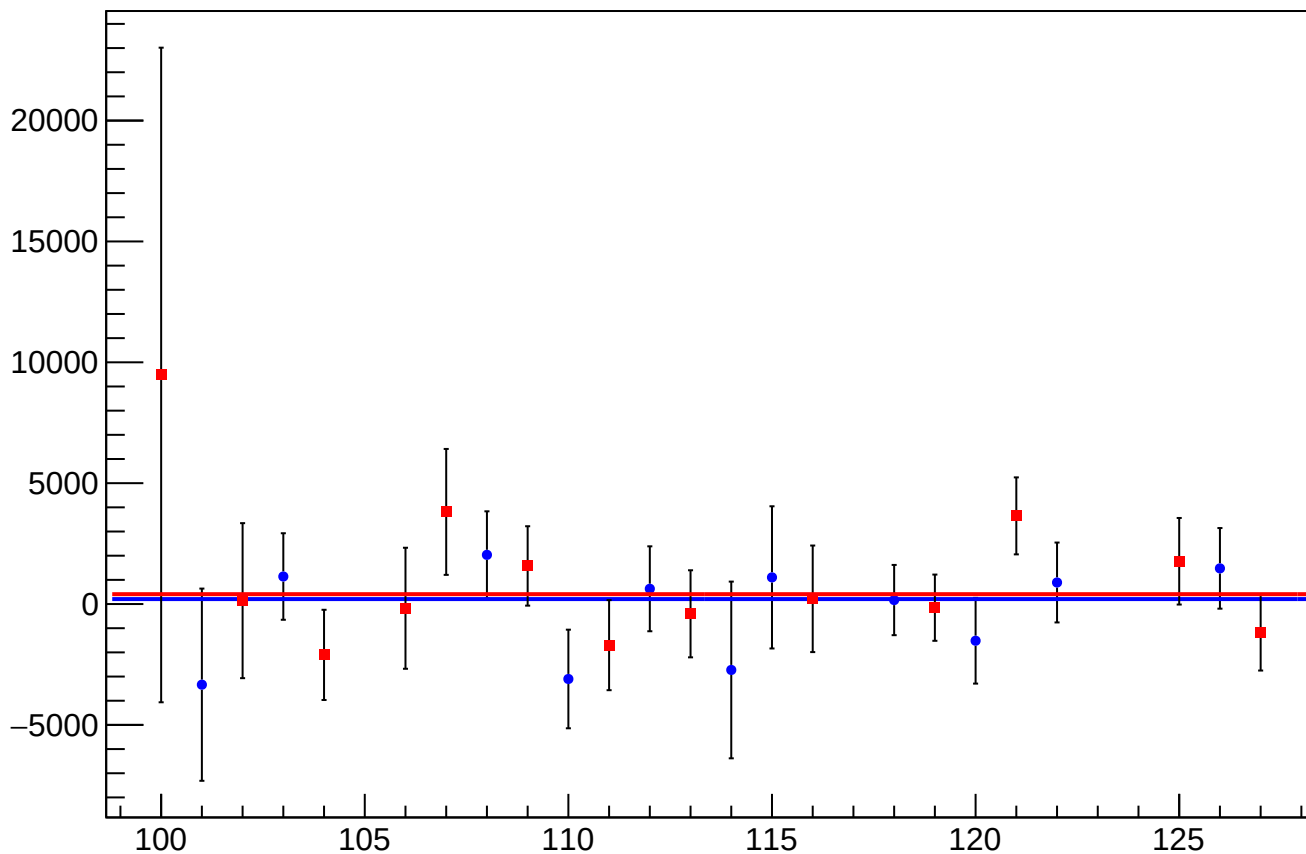
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 422.995+/-0.167 χ^2/NDF : 11998697.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: 205.000+/-581.615 χ^2/NDF : 7.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 407.729+/-533.214 χ^2/NDF : 11.9/12

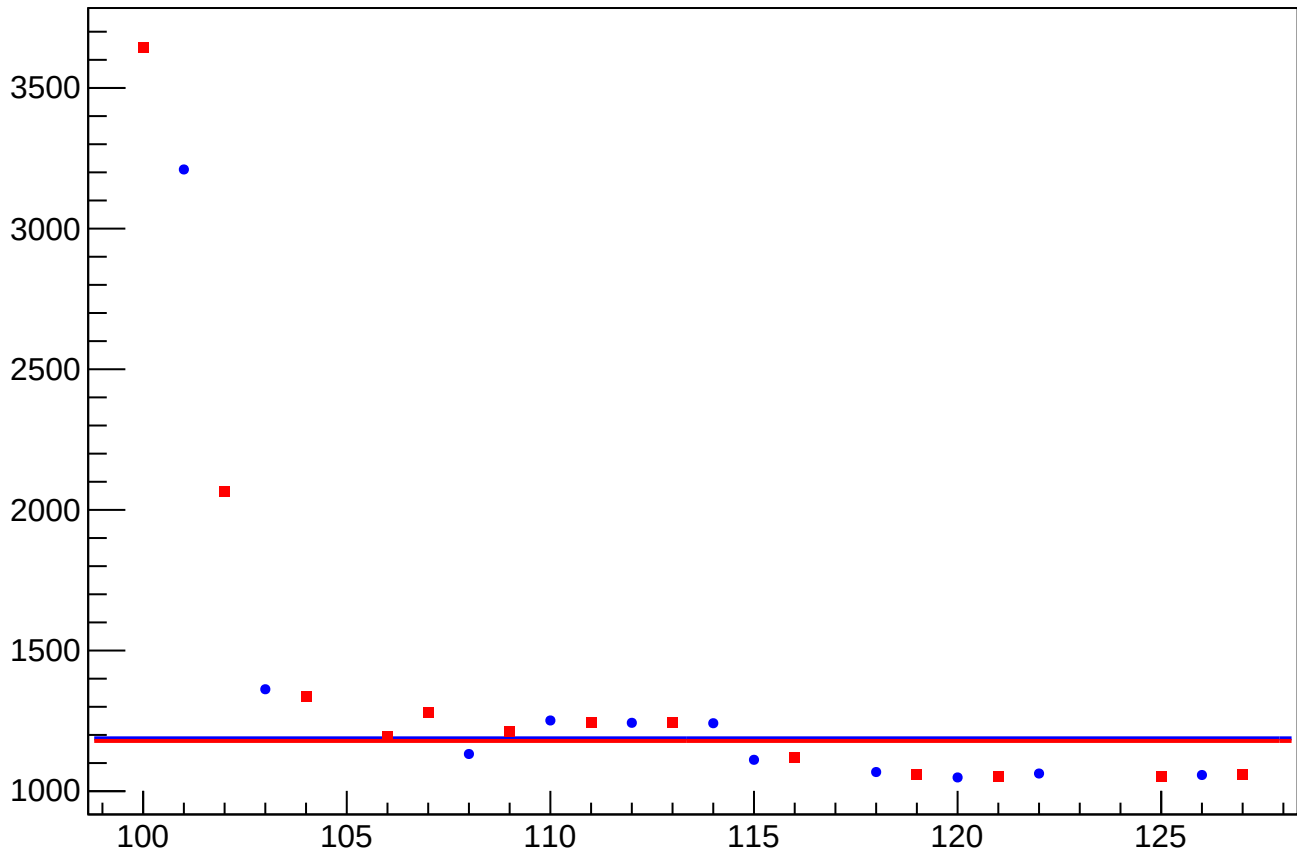
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 315.150+/-393.038 χ^2/NDF : 19.2/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1187.880+/-0.411 χ^2/NDF : 593702.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1178.676+/-0.377 χ^2/NDF : 294275.3/12

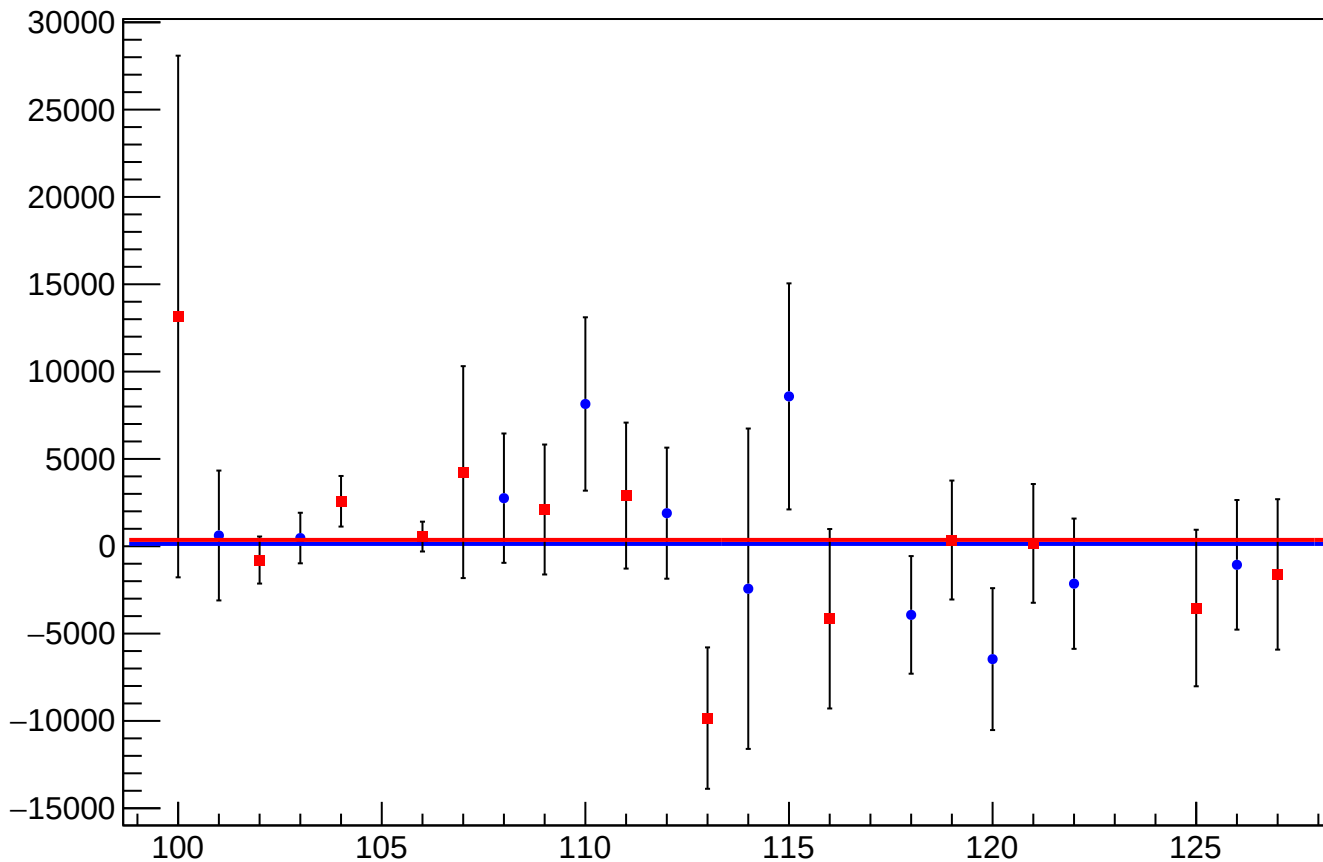
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1182.876+/-0.278 χ^2/NDF : 888250.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_dit_correction_mean vs Slug



Right In: 133.271+/-969.810 χ^2/NDF : 9.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 363.933+/-583.661 χ^2/NDF : 12.9/12

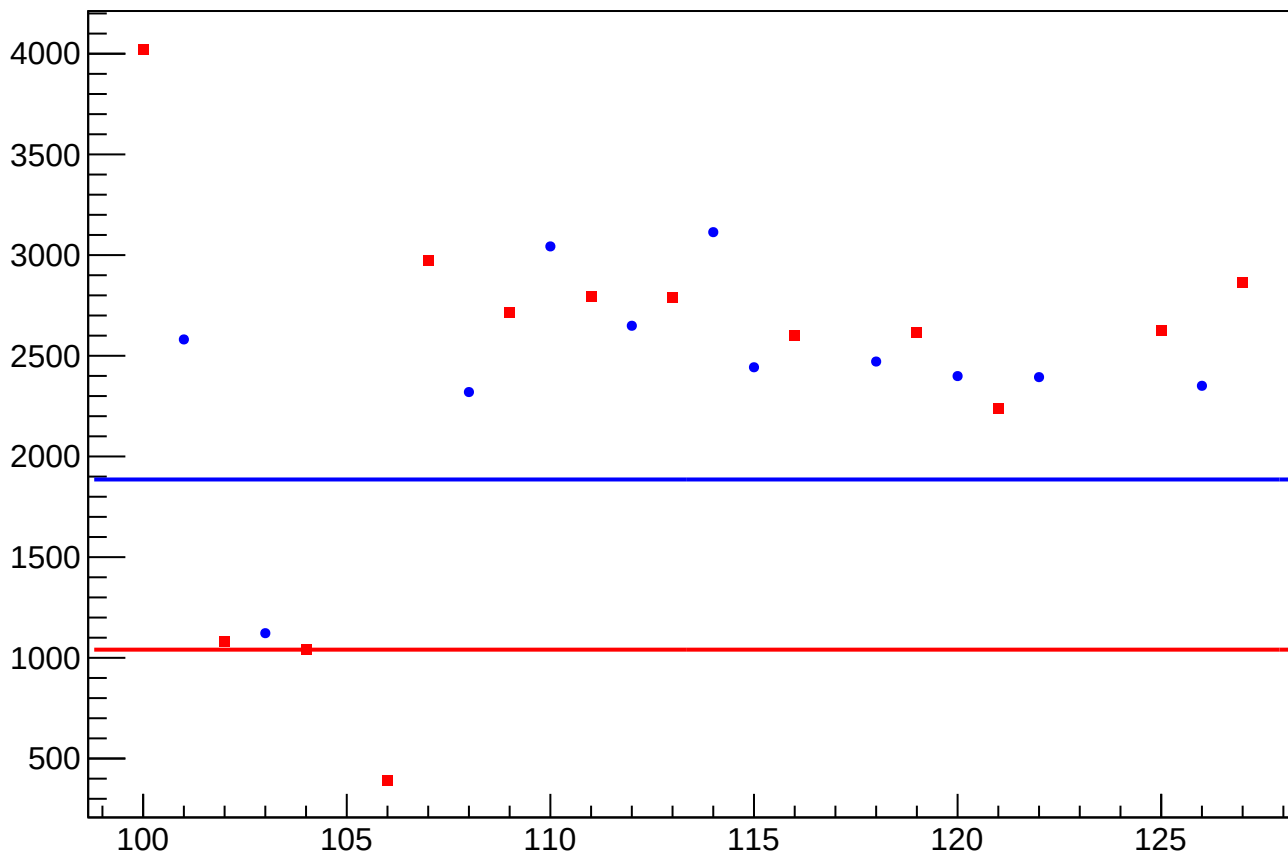
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 302.602+/-500.081 χ^2/NDF : 22.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_dit_correction_rms vs Slug



Right In: 1885.686 $\pm$ 0.686 χ^2 /NDF: 1056804.4/10

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

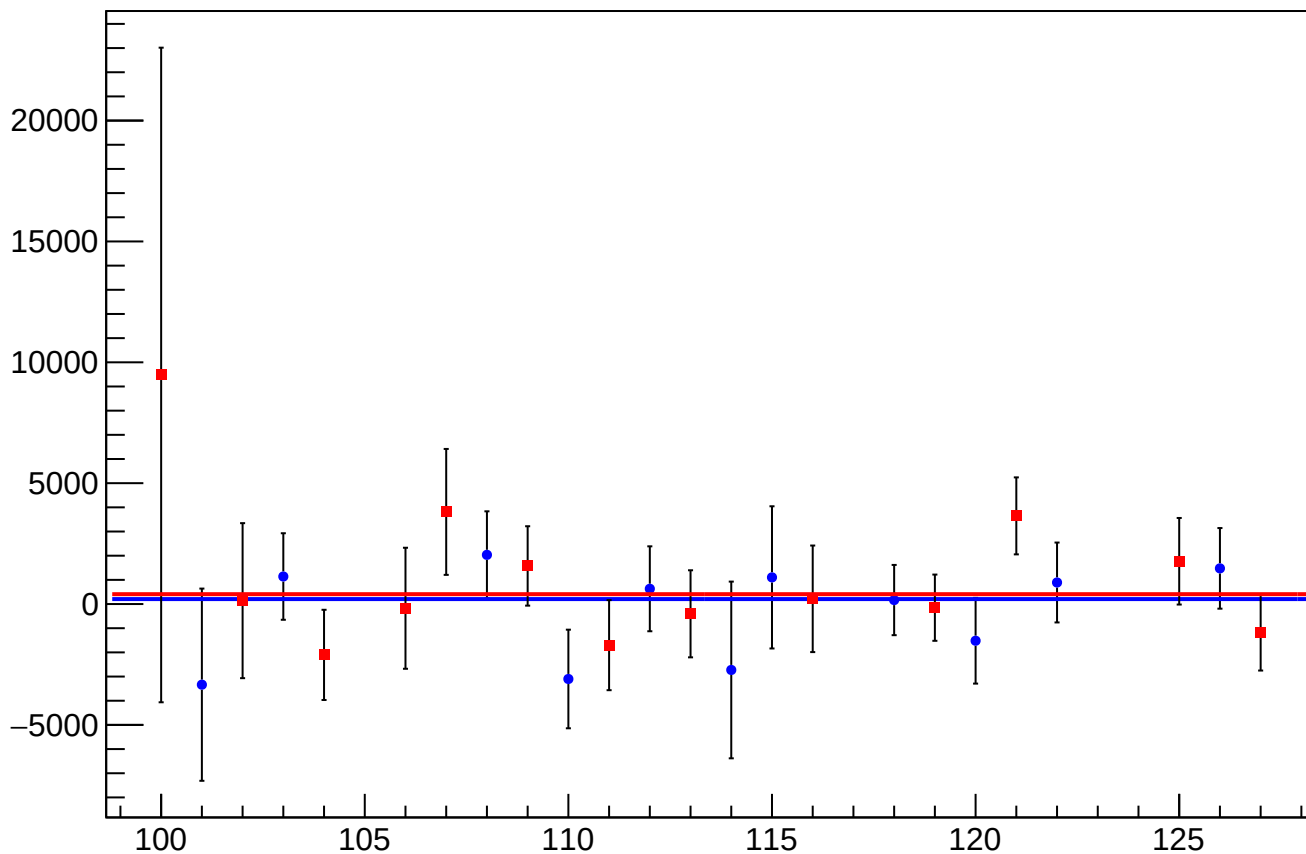
Right Out: 1040.632 $\pm$ 0.413 χ^2 /NDF: 4045029.6/12

All: 1265.326 $\pm$ 0.354 χ^2 /NDF: 6216604.0/23

- 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: 205.004 $\pm$ 581.615 χ^2 /NDF: 7.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 407.734 $\pm$ 533.214 χ^2 /NDF: 11.9/12

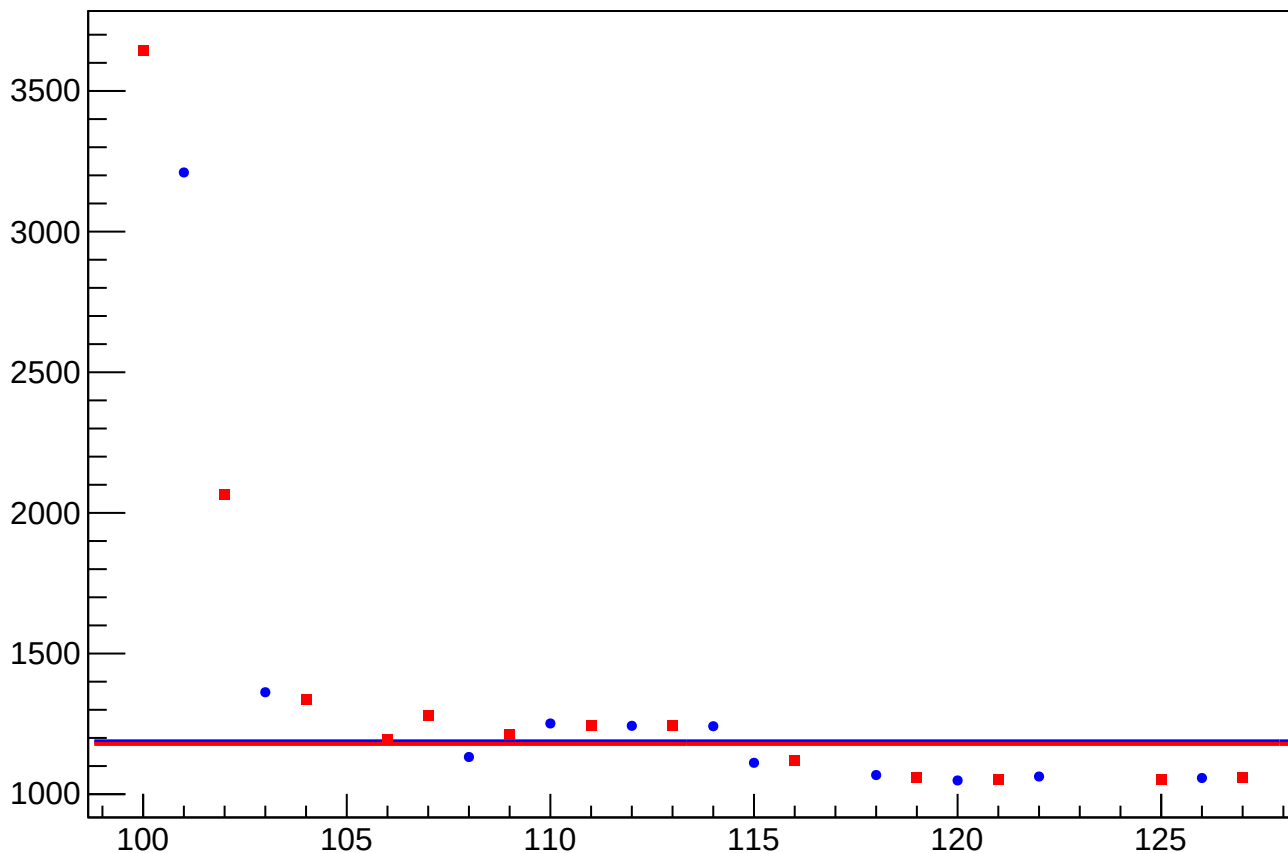
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 315.154 $\pm$ 393.038 χ^2 /NDF: 19.2/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1187.880+/-0.411 χ^2/NDF : 593702.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1178.676+/-0.377 χ^2/NDF : 294275.0/12

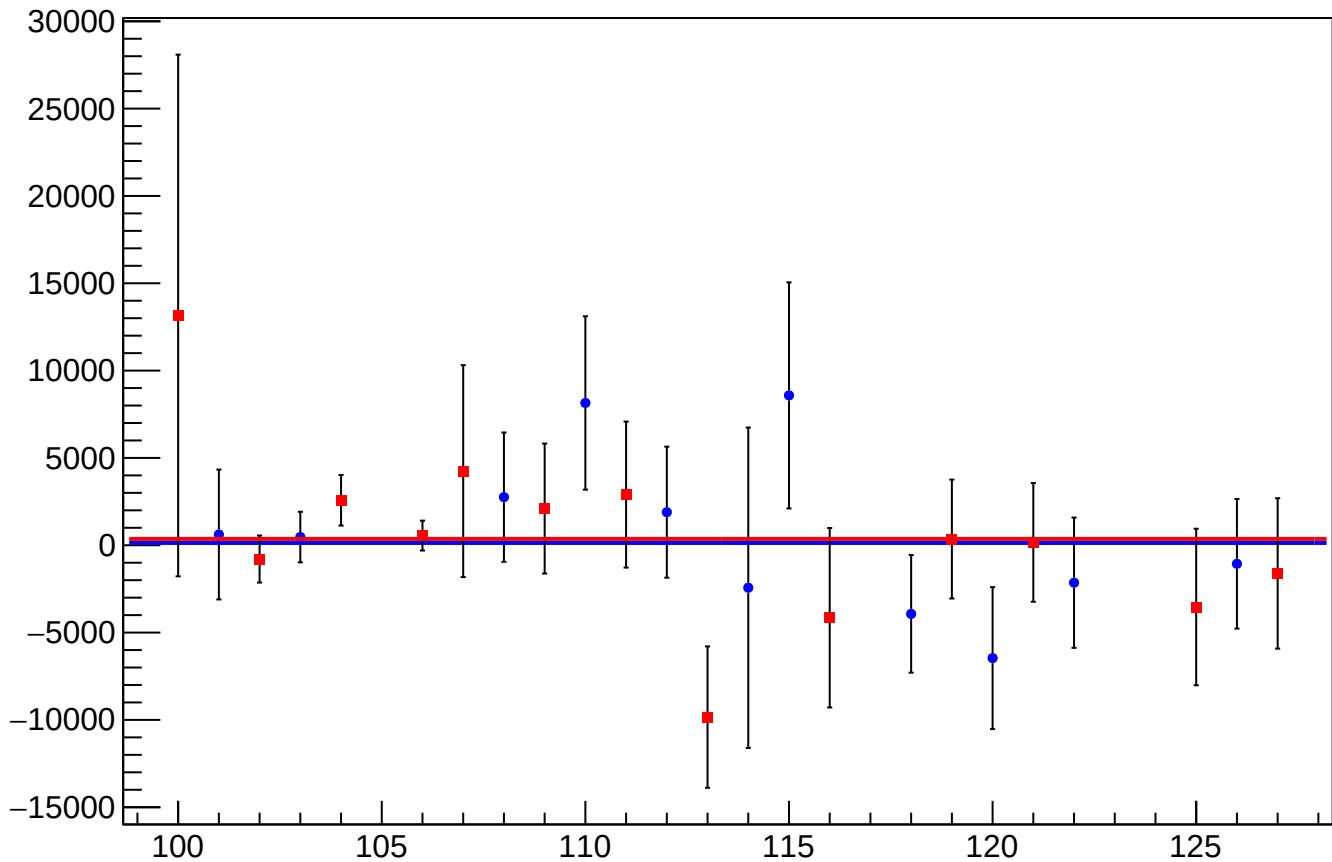
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1182.876+/-0.278 χ^2/NDF : 888249.8/23

- 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: 133.268+/-969.809 χ^2/NDF : 9.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 363.935+/-583.654 χ^2/NDF : 12.9/12

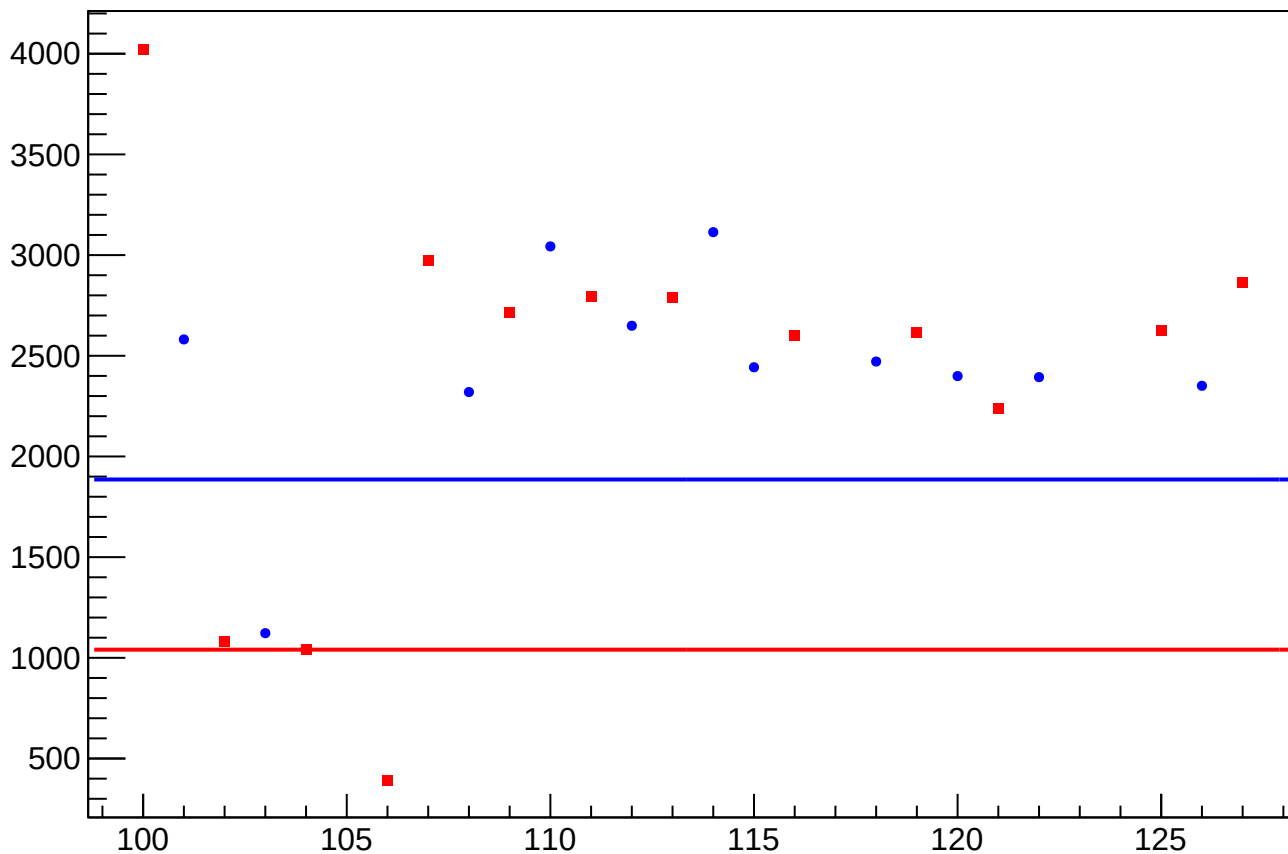
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 302.603+/-500.076 χ^2/NDF : 22.7/23

- 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: 1885.684+/-0.686 χ^2/NDF : 1056797.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

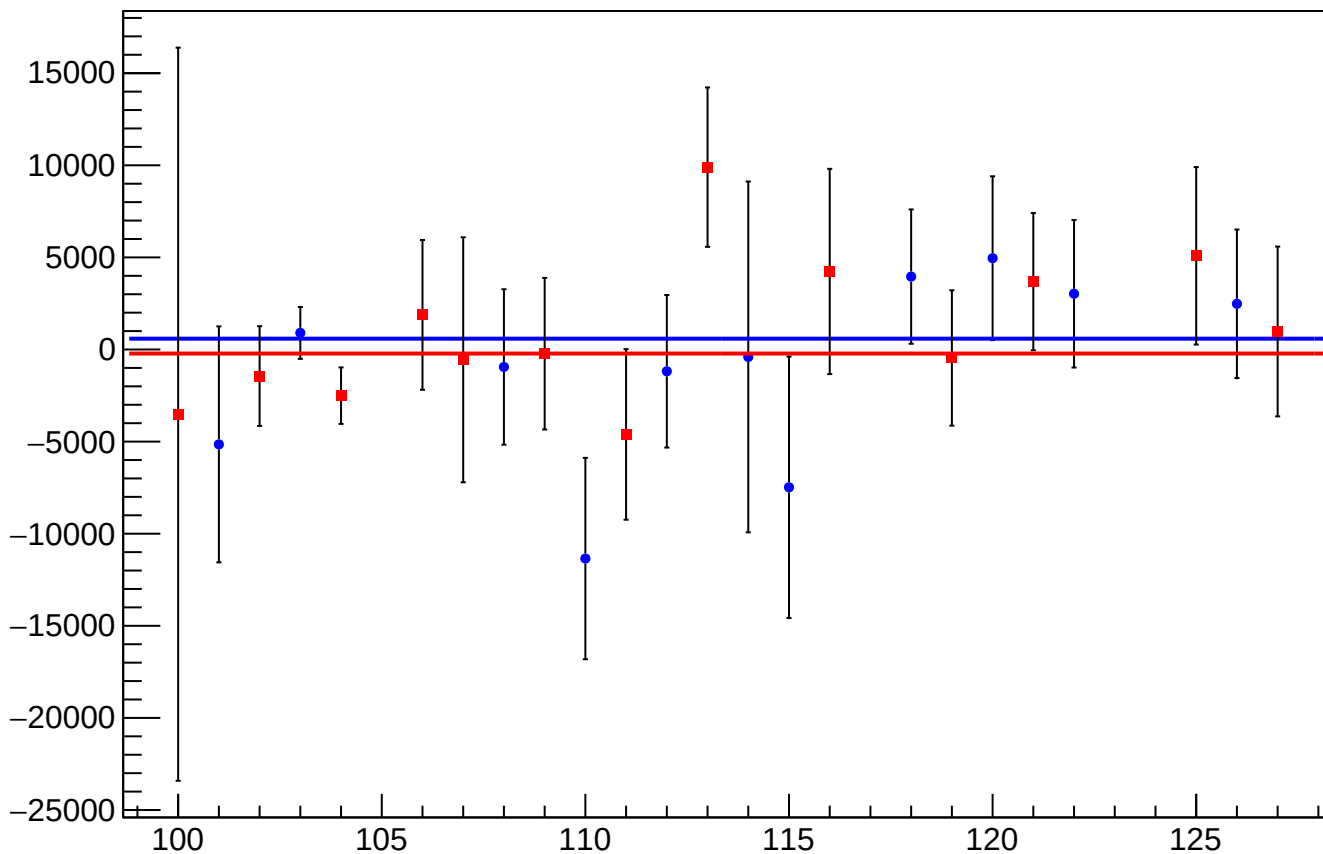
Right Out: 1040.610+/-0.413 χ^2/NDF : 4045123.0/12

All: 1265.306+/-0.354 χ^2/NDF : 6216750.4/23

- 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_mean vs Slug



Right In: 588.226 $\pm$ 1022.342 χ^2 /NDF: 9.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -219.903 $\pm$ 964.474 χ^2 /NDF: 12.1/12

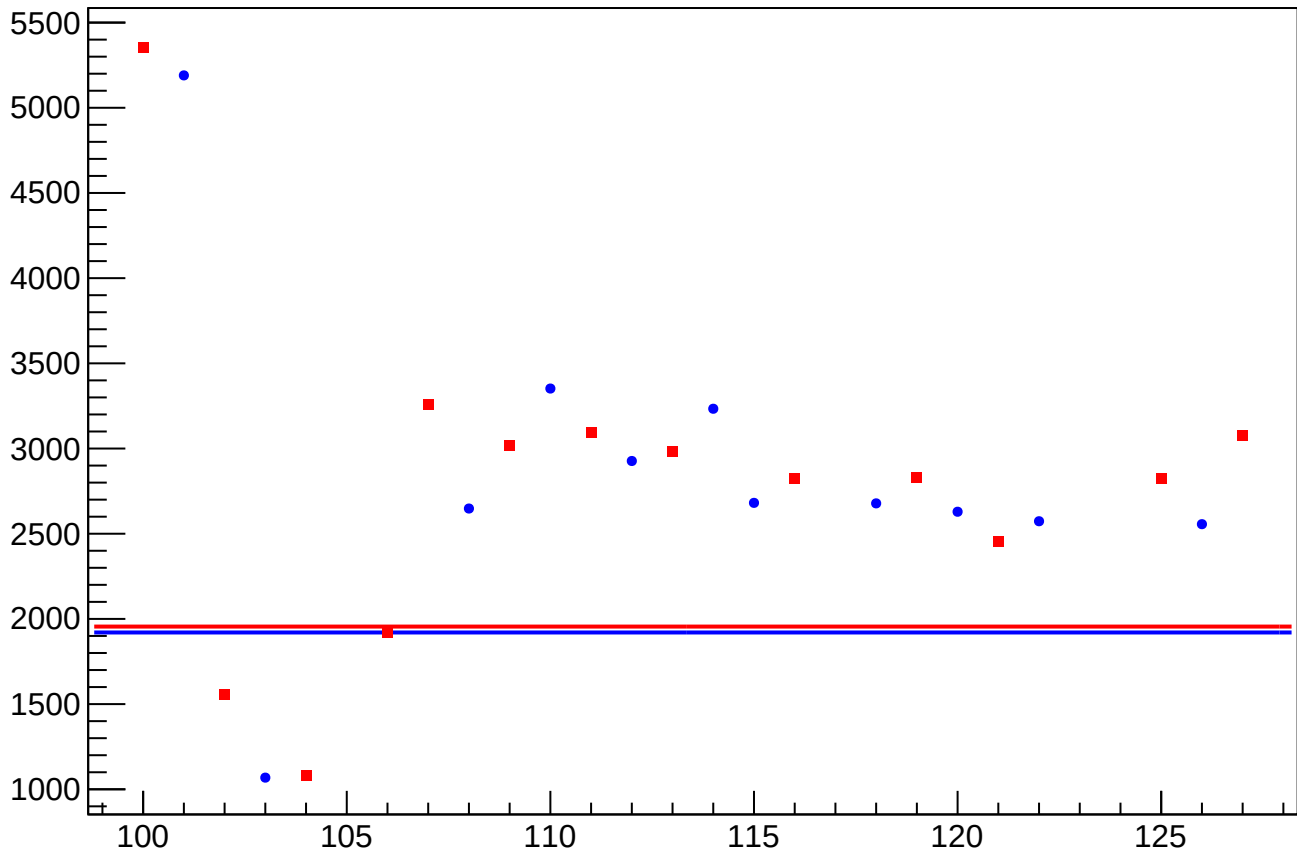
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 160.644 $\pm$ 701.552 χ^2 /NDF: 22.1/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1920.378+/-0.723 χ^2/NDF : 1868593.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1955.053+/-0.680 χ^2/NDF : 1575232.5/12

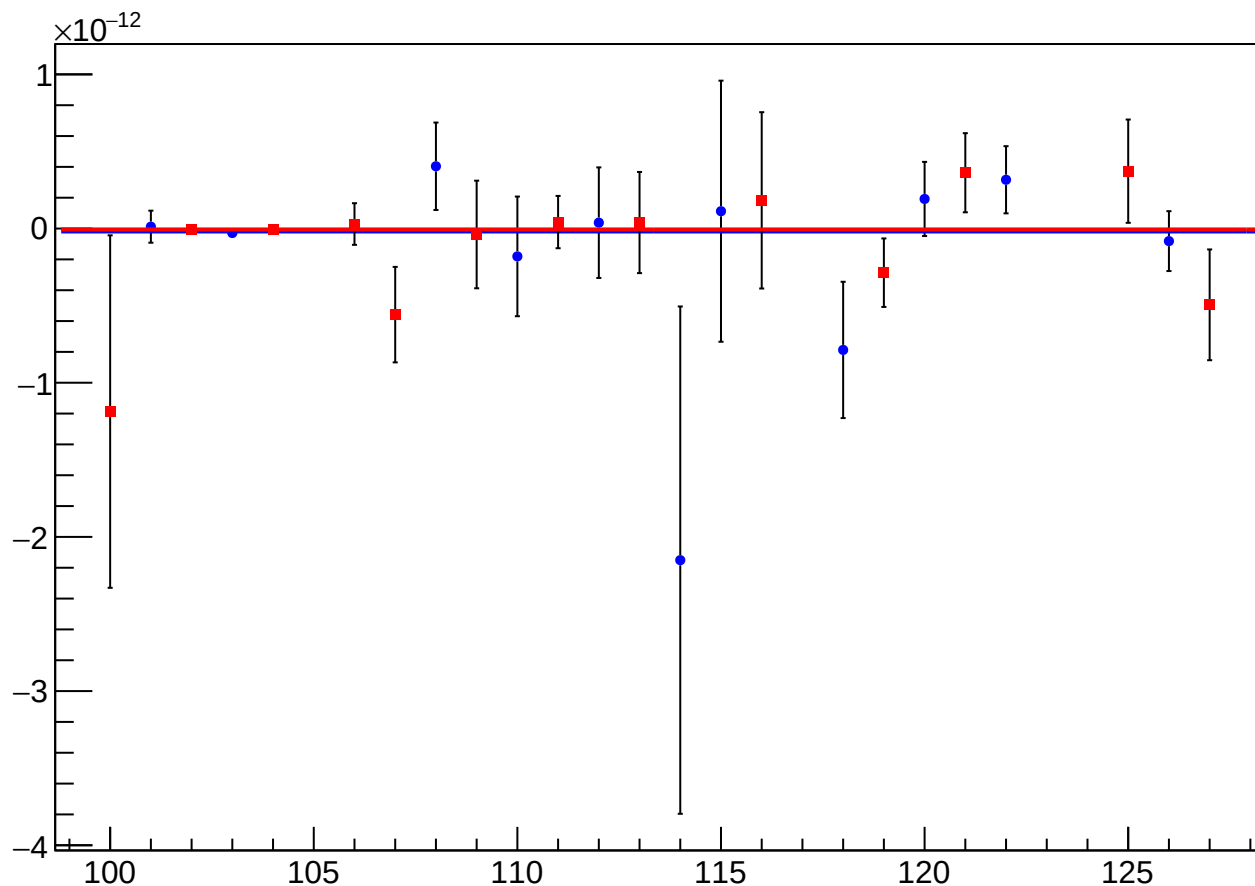
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1938.772+/-0.495 χ^2/NDF : 3445046.7/23

- sign 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 : 10.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.3/12

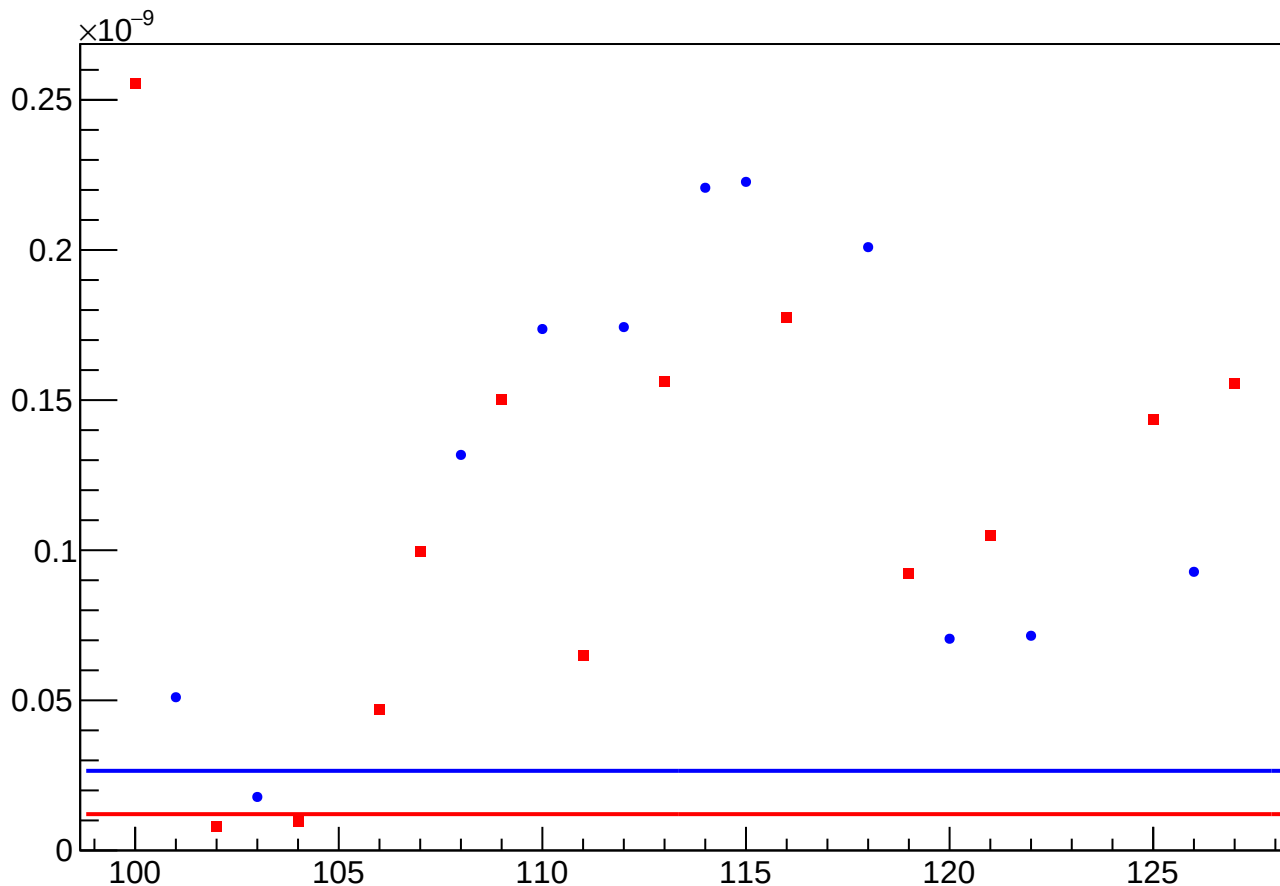
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.1/23

- 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 : 2027662.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2675249.3/12

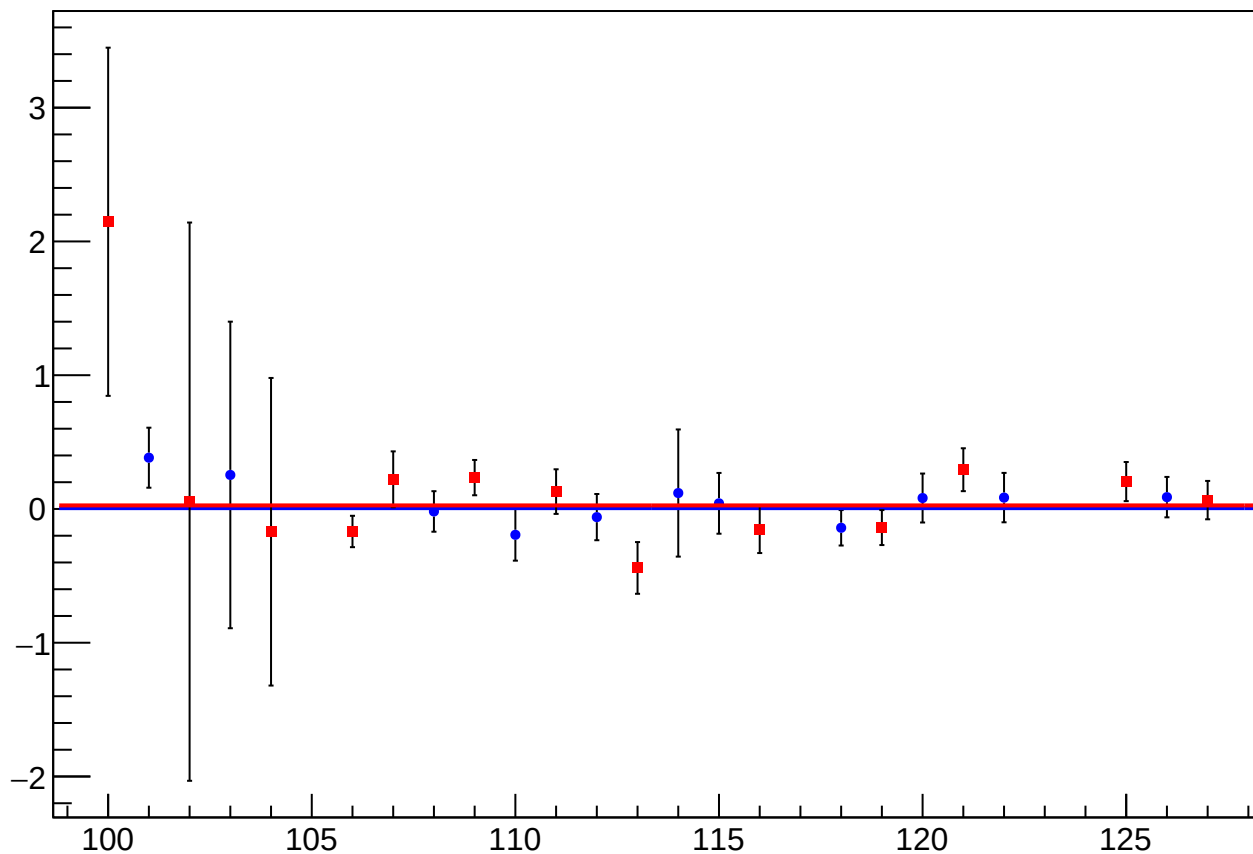
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5142742.6/23

- 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: 0.006 $\pm$ 0.057 χ^2 /NDF: 6.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.027 $\pm$ 0.048 χ^2 /NDF: 21.9/12

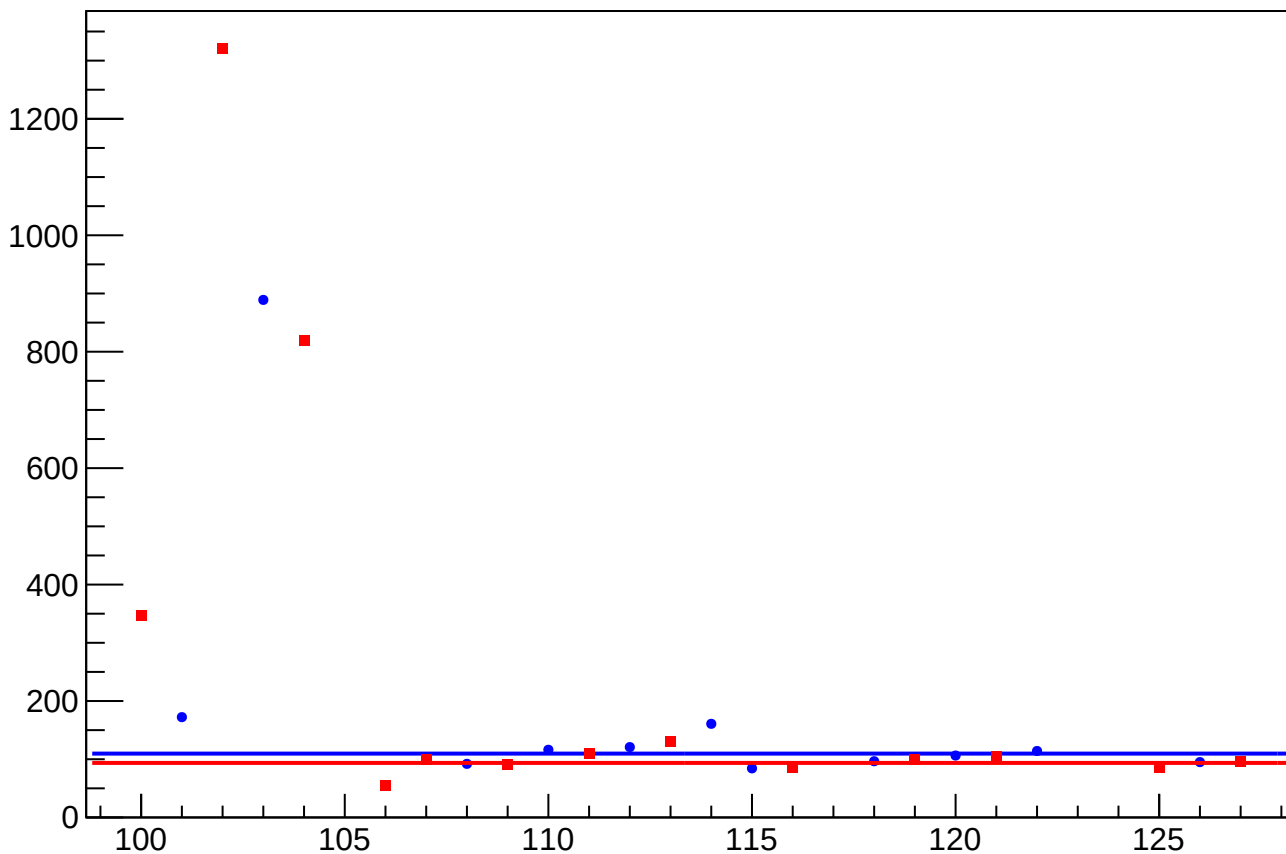
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.018 $\pm$ 0.037 χ^2 /NDF: 28.1/23

- 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: 109.687+/-0.040 χ^2/NDF : 1206611.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.669+/-0.034 χ^2/NDF : 1898926.4/12

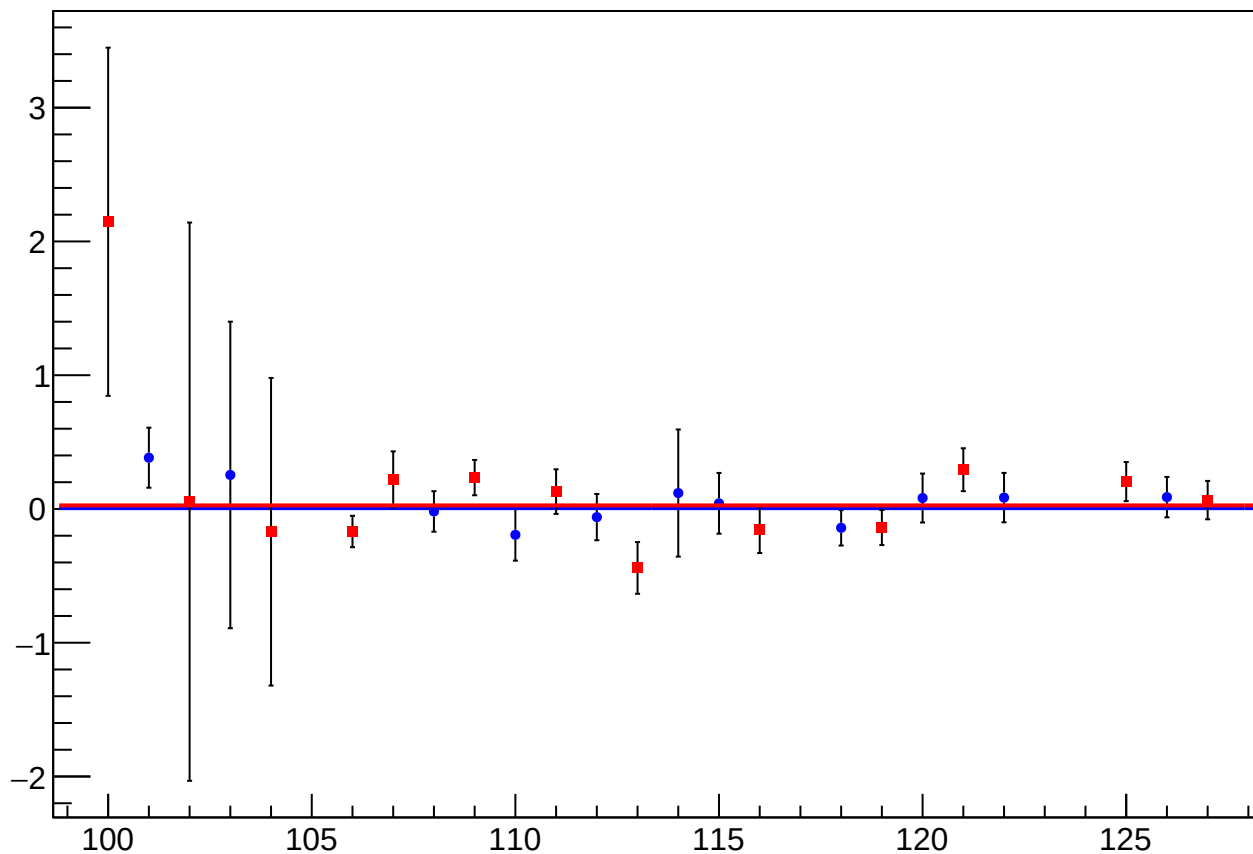
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.256+/-0.026 χ^2/NDF : 3198676.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.006 $\pm$ 0.057 χ^2 /NDF: 6.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.027 $\pm$ 0.048 χ^2 /NDF: 21.9/12

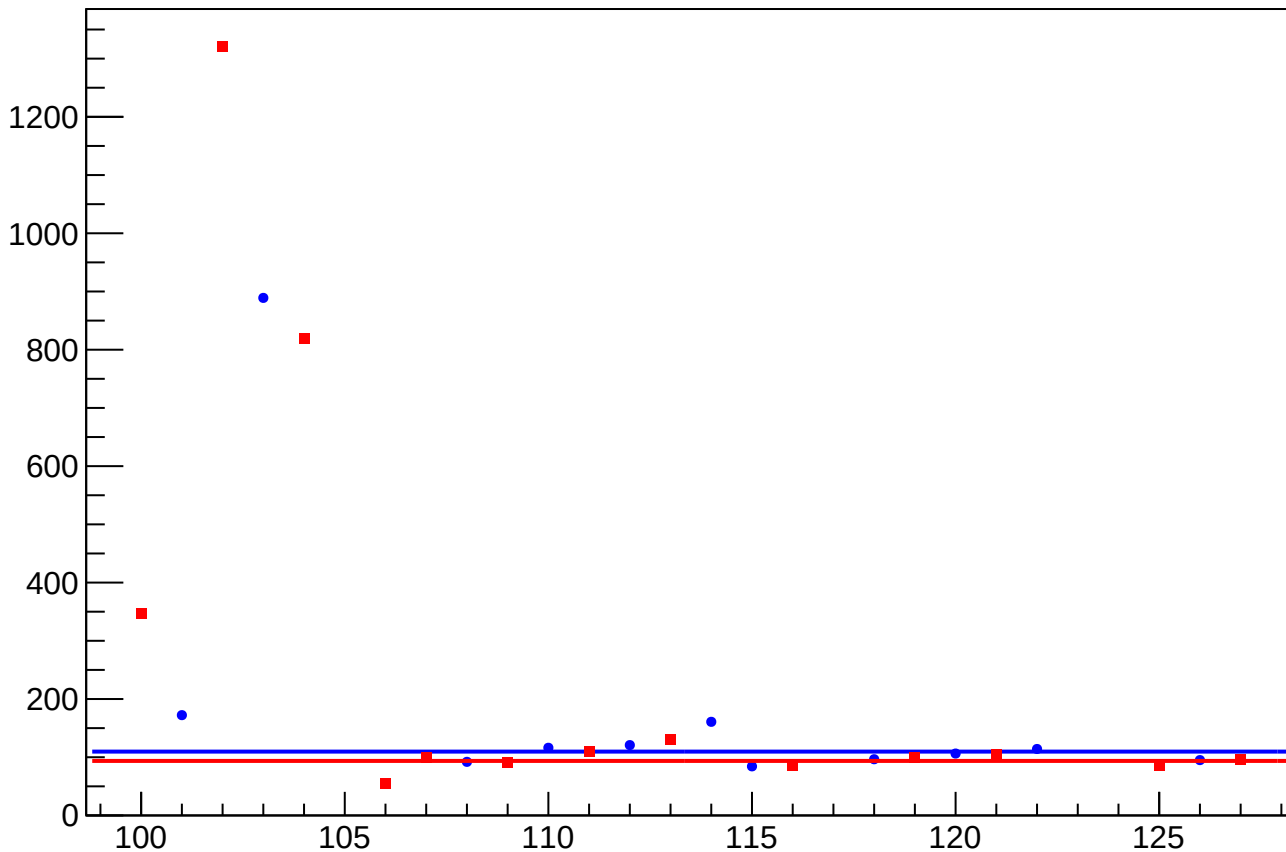
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.018 $\pm$ 0.037 χ^2 /NDF: 28.1/23

- 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: 109.687+/-0.040 χ^2/NDF : 1206611.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.669+/-0.034 χ^2/NDF : 1898926.4/12

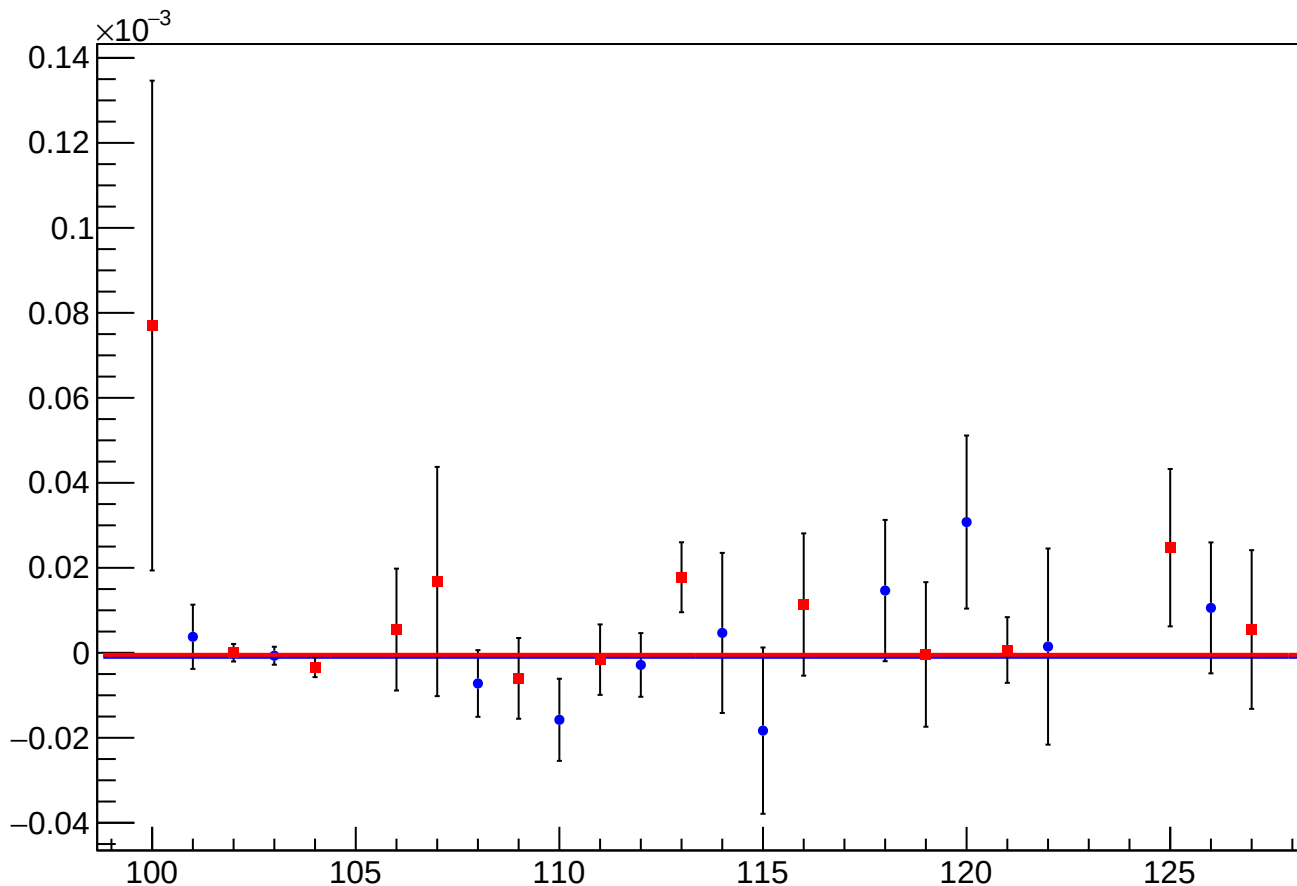
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.256+/-0.026 χ^2/NDF : 3198676.8/23

- 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: 8.2/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 11.8/12

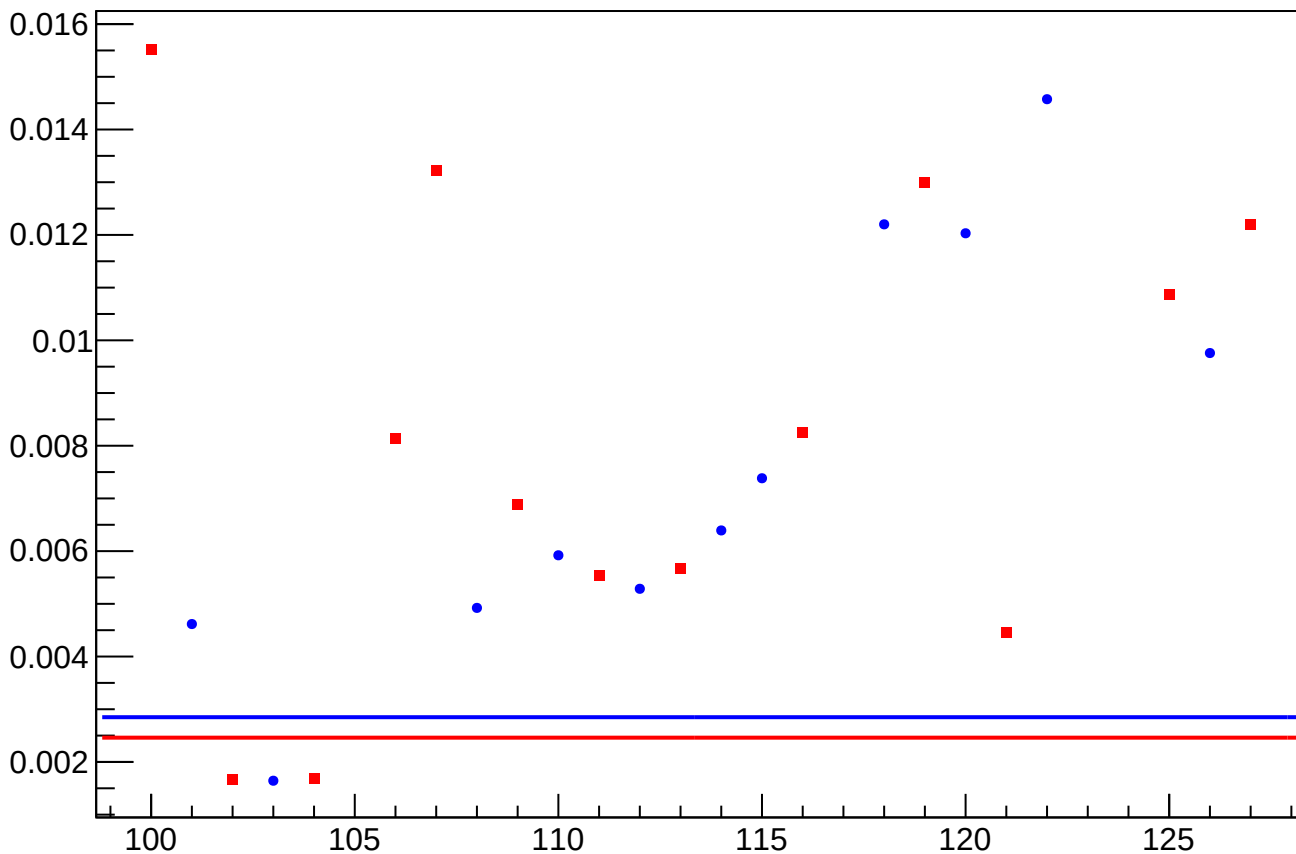
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 20.0/23

- 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 : 3449707.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 4364929.7/12

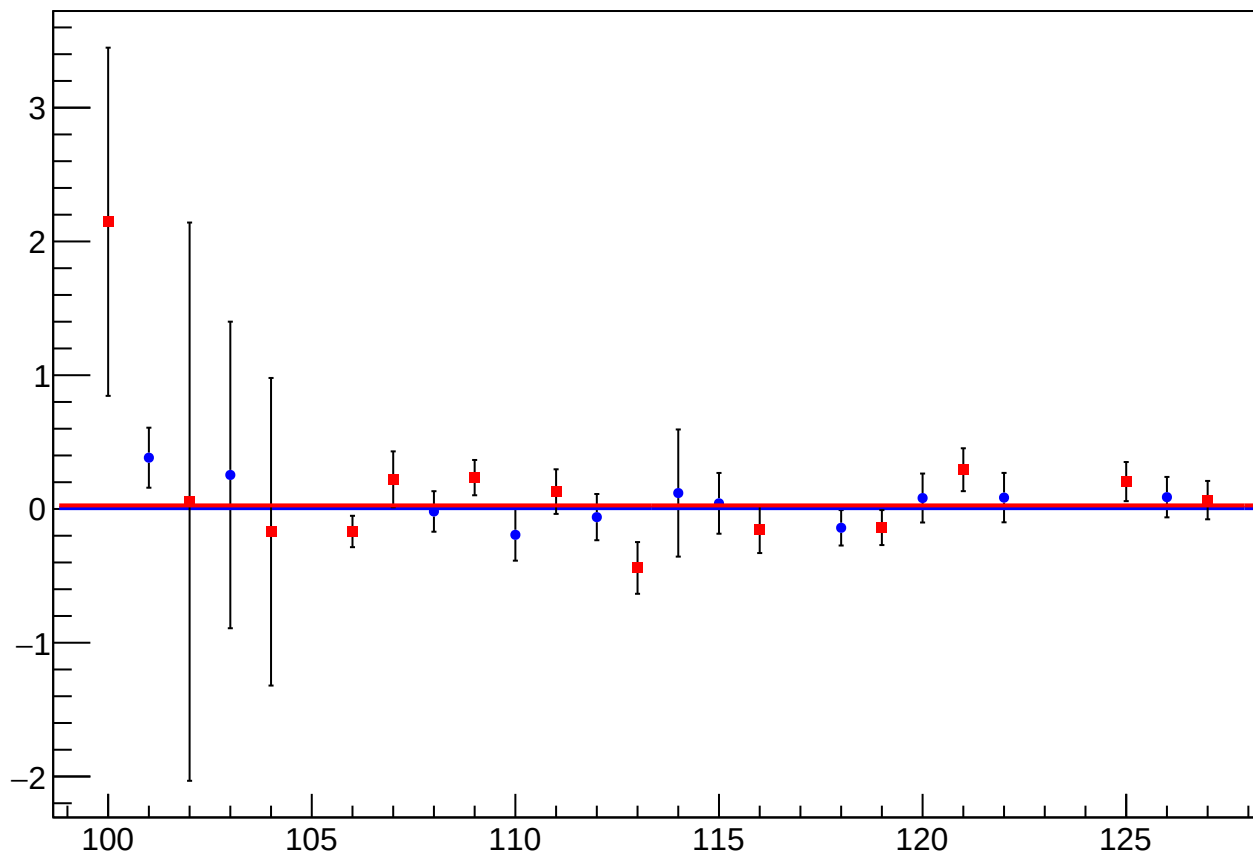
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 7871376.3/23

- 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: 0.006 $\pm$ 0.057 χ^2 /NDF: 6.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.027 $\pm$ 0.048 χ^2 /NDF: 21.9/12

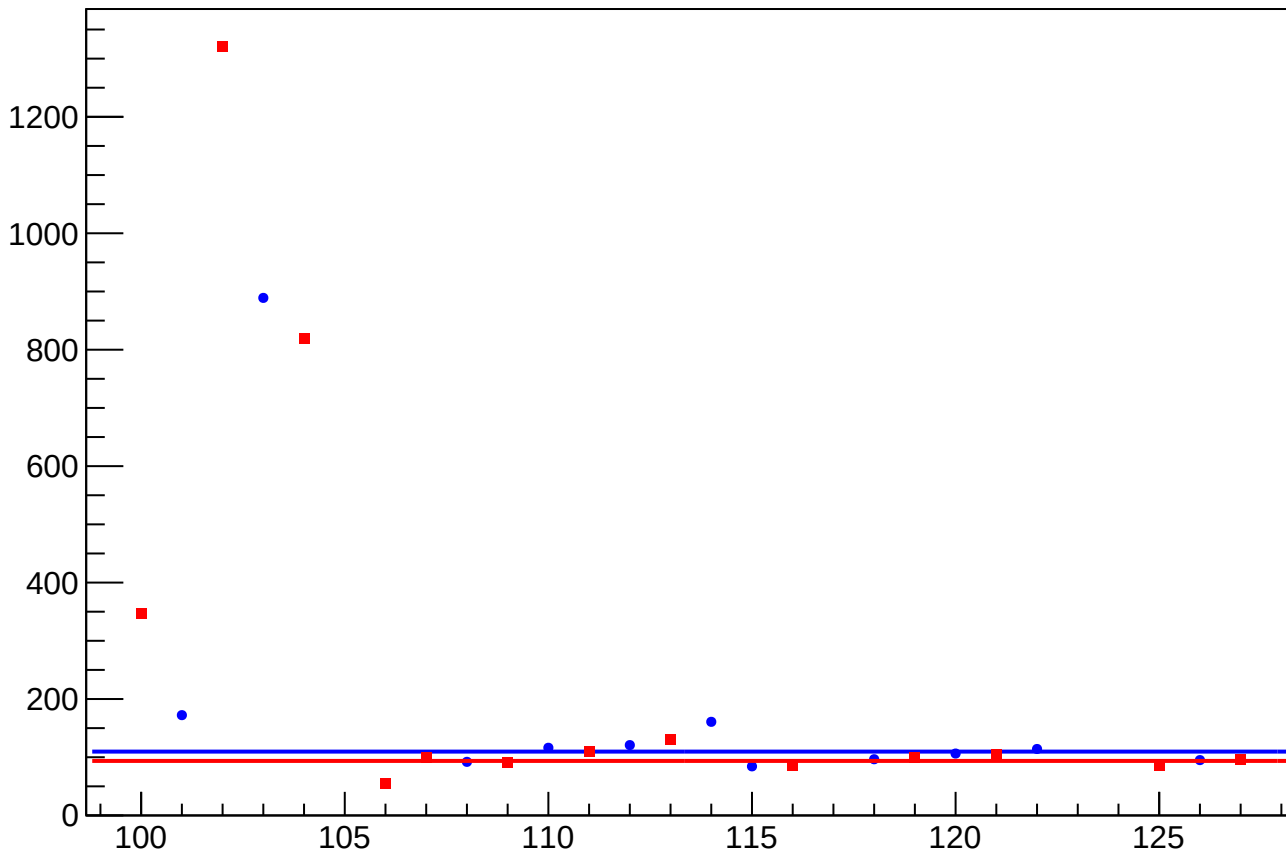
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.018 $\pm$ 0.037 χ^2 /NDF: 28.1/23

- 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: 109.687+/-0.040 χ^2/NDF : 1206601.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

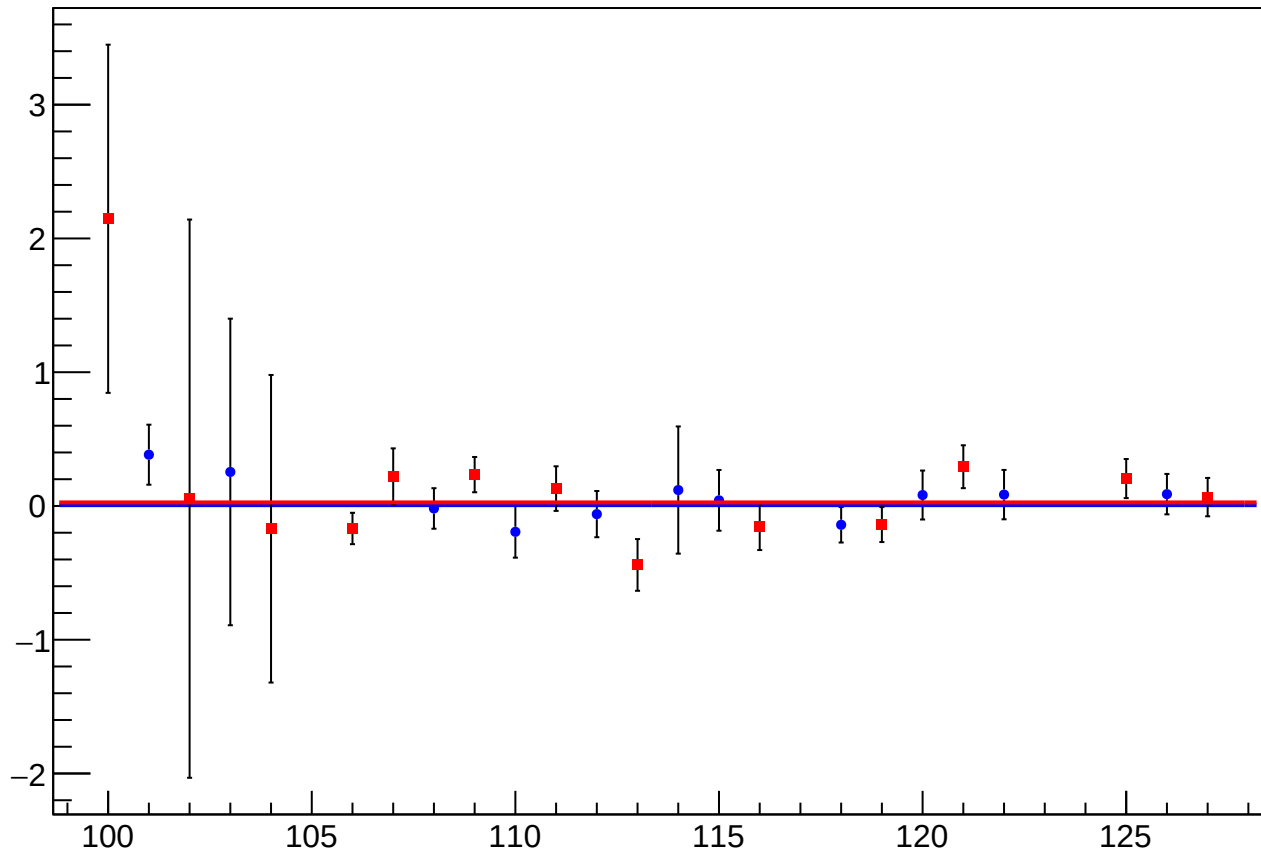
Right Out: 93.668+/-0.034 χ^2/NDF : 1898992.7/12

All: 100.255+/-0.026 χ^2/NDF : 3198746.4/23

- 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_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.006 $\pm$ 0.057 χ^2 /NDF: 6.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.027 $\pm$ 0.048 χ^2 /NDF: 21.9/12

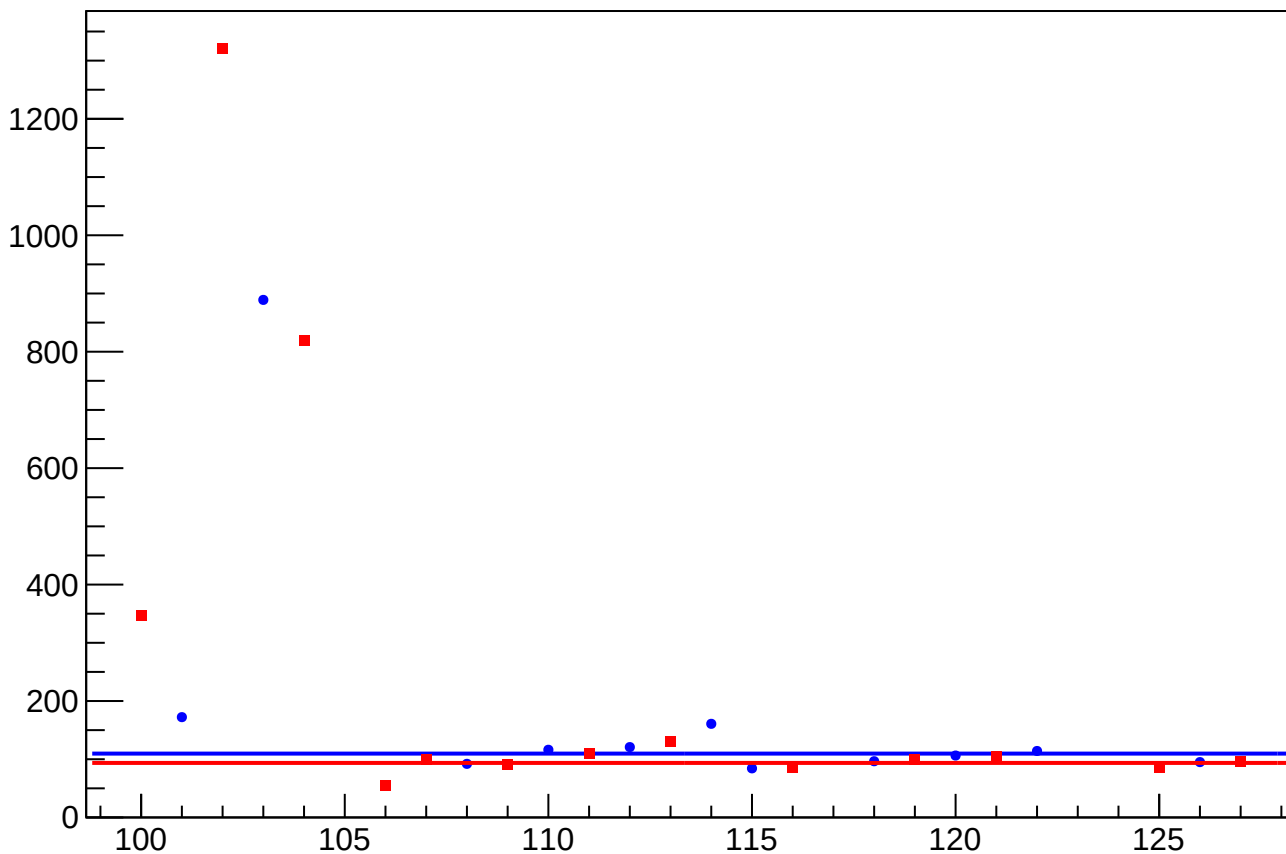
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.018 $\pm$ 0.037 χ^2 /NDF: 28.1/23

- sign 0.000 $\pm$ 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: 109.687+/-0.040 χ^2/NDF : 1206601.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.668+/-0.034 χ^2/NDF : 1898992.7/12

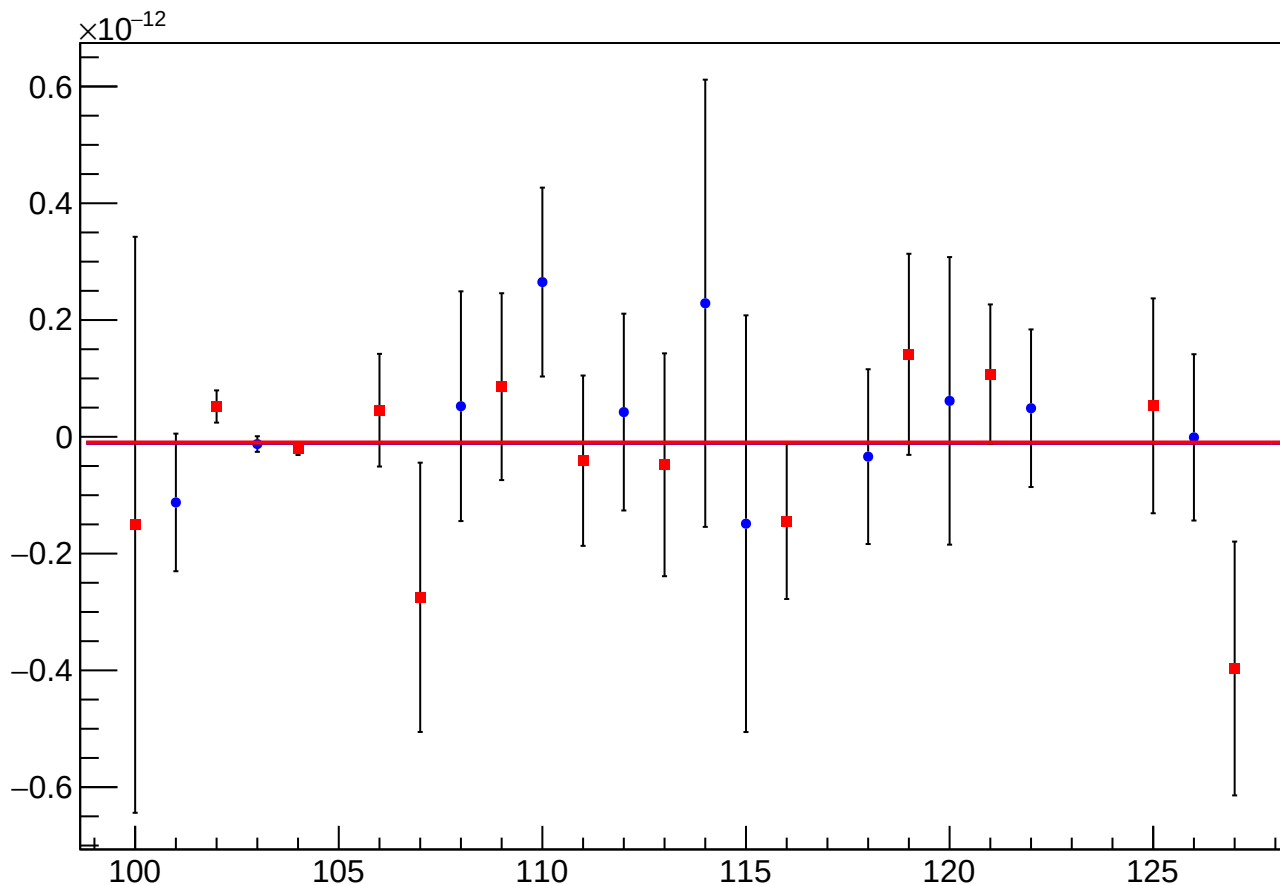
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.255+/-0.026 χ^2/NDF : 3198746.4/23

- 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 $\pm$ 0.000 χ^2 /NDF: 4.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 14.1/12

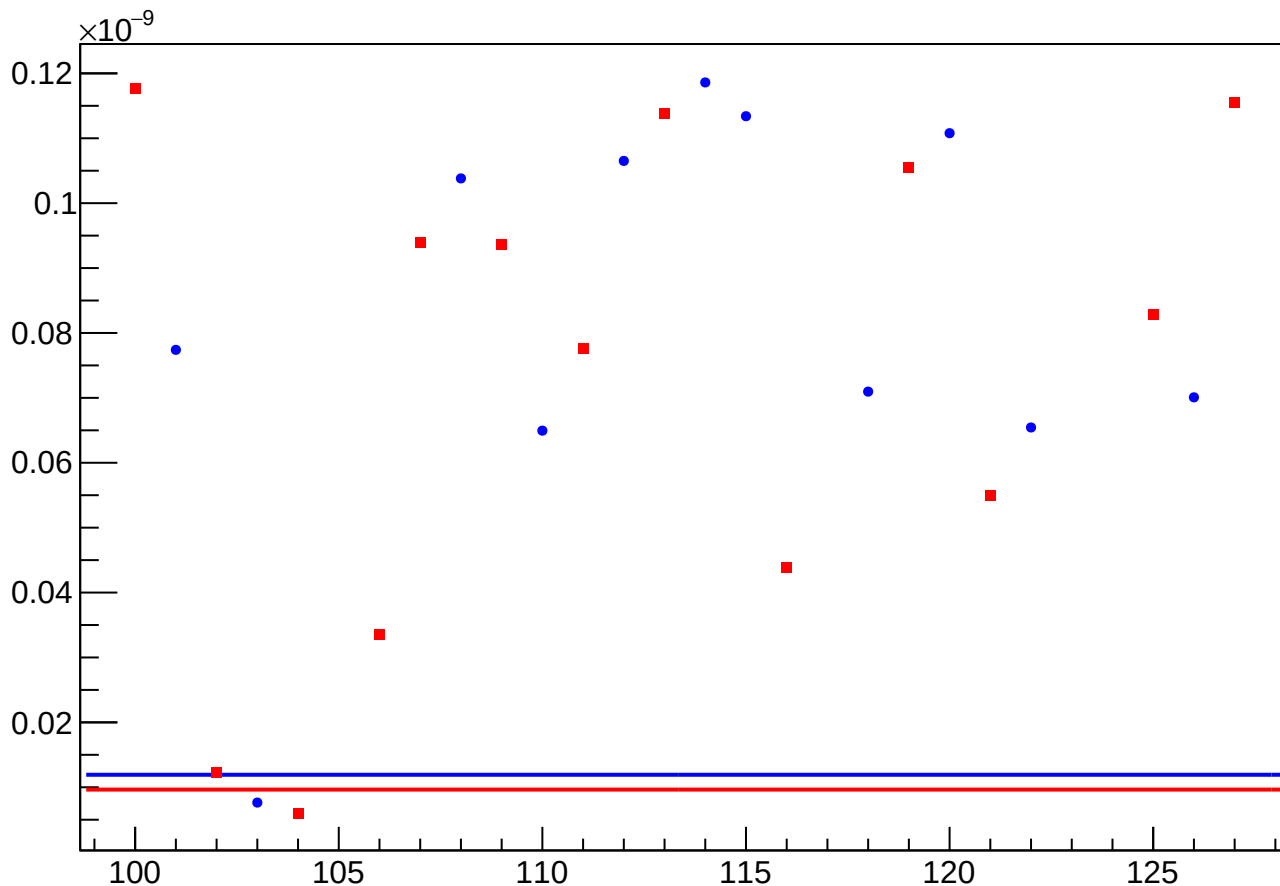
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 18.8/23

- sign 0.000 $\pm$ 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 : 3703177.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4143242.5/12

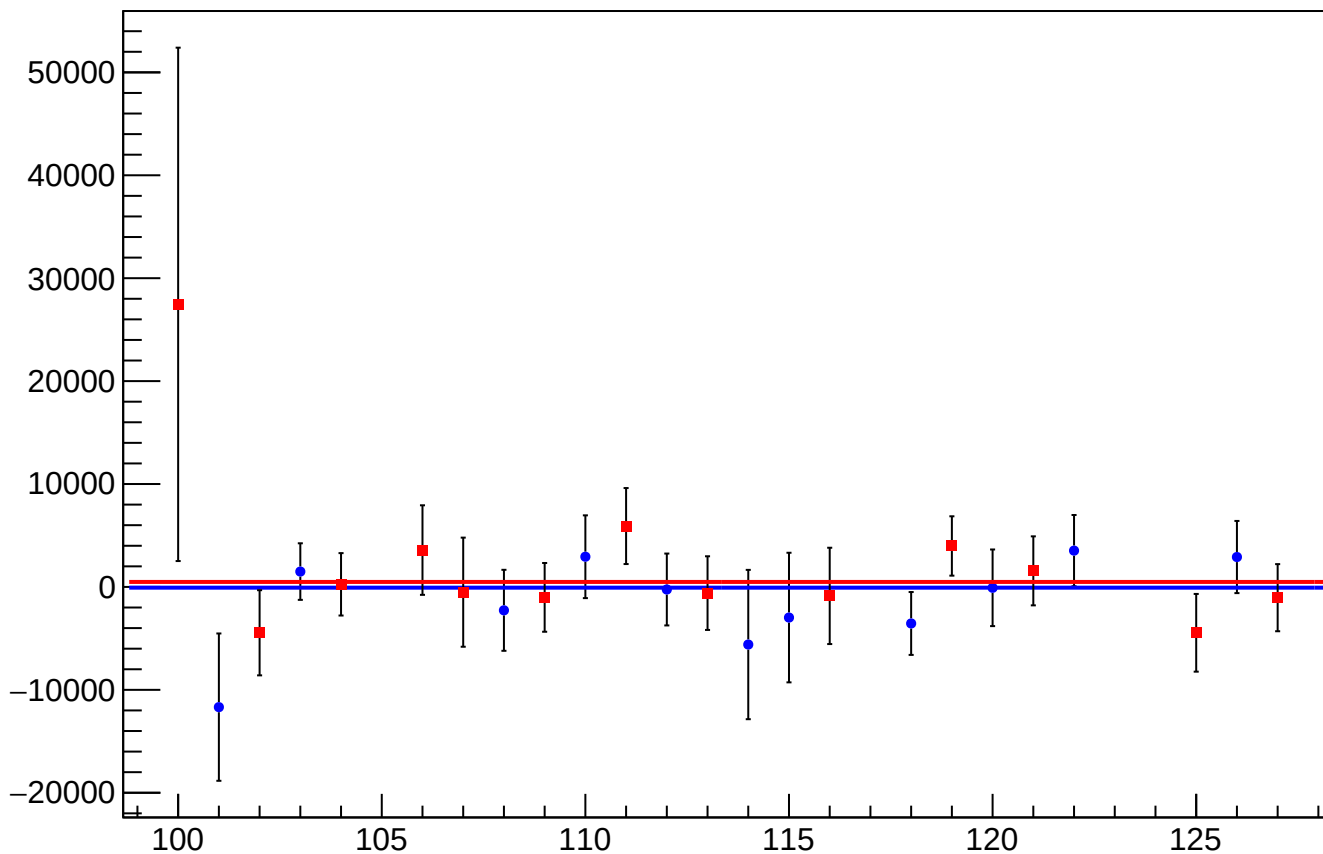
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7885198.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -71.069 ± 1155.743 χ^2/NDF : 7.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 485.847 ± 1044.098 χ^2/NDF : 9.2/12

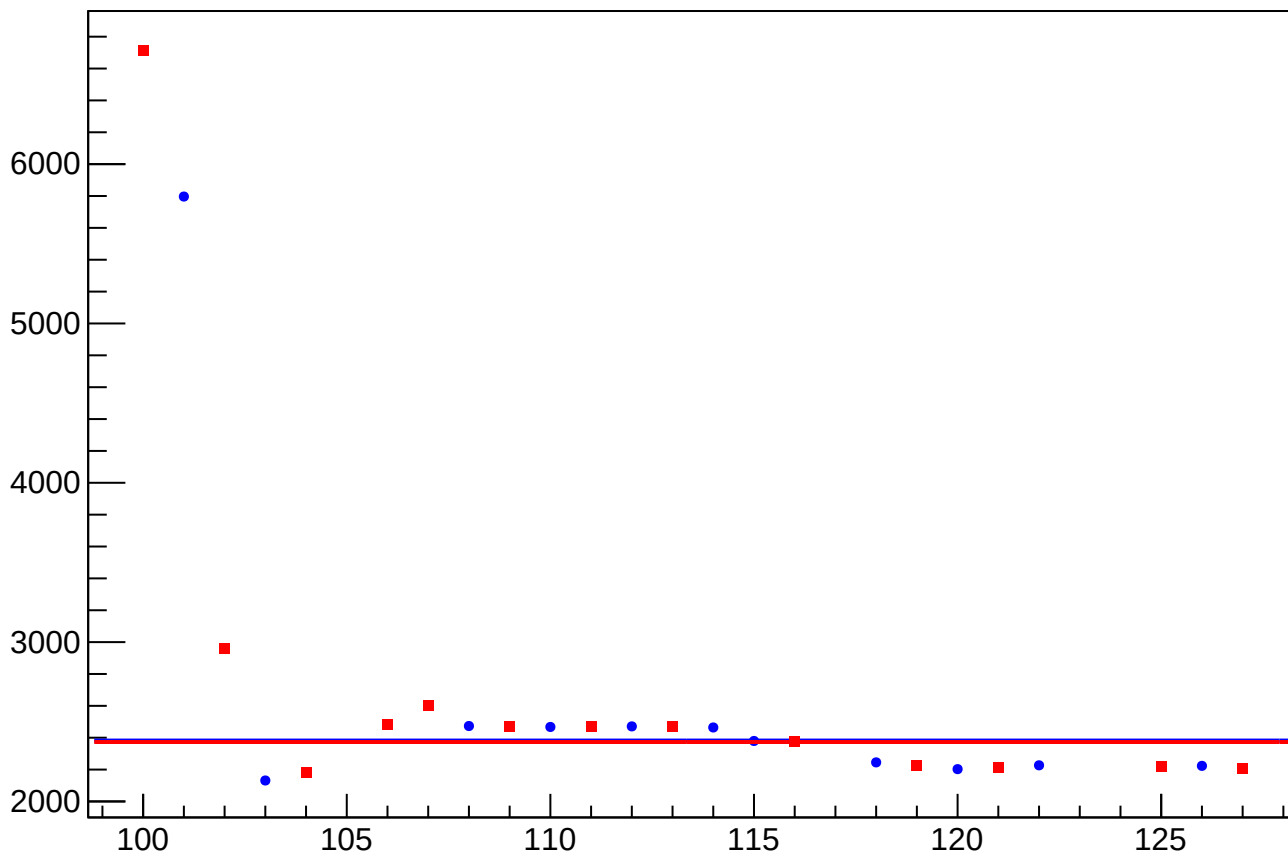
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 235.581 ± 774.761 χ^2/NDF : 17.0/23

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2382.030+/-0.817 χ^2/NDF : 492059.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2373.109+/-0.738 χ^2/NDF : 136176.8/12

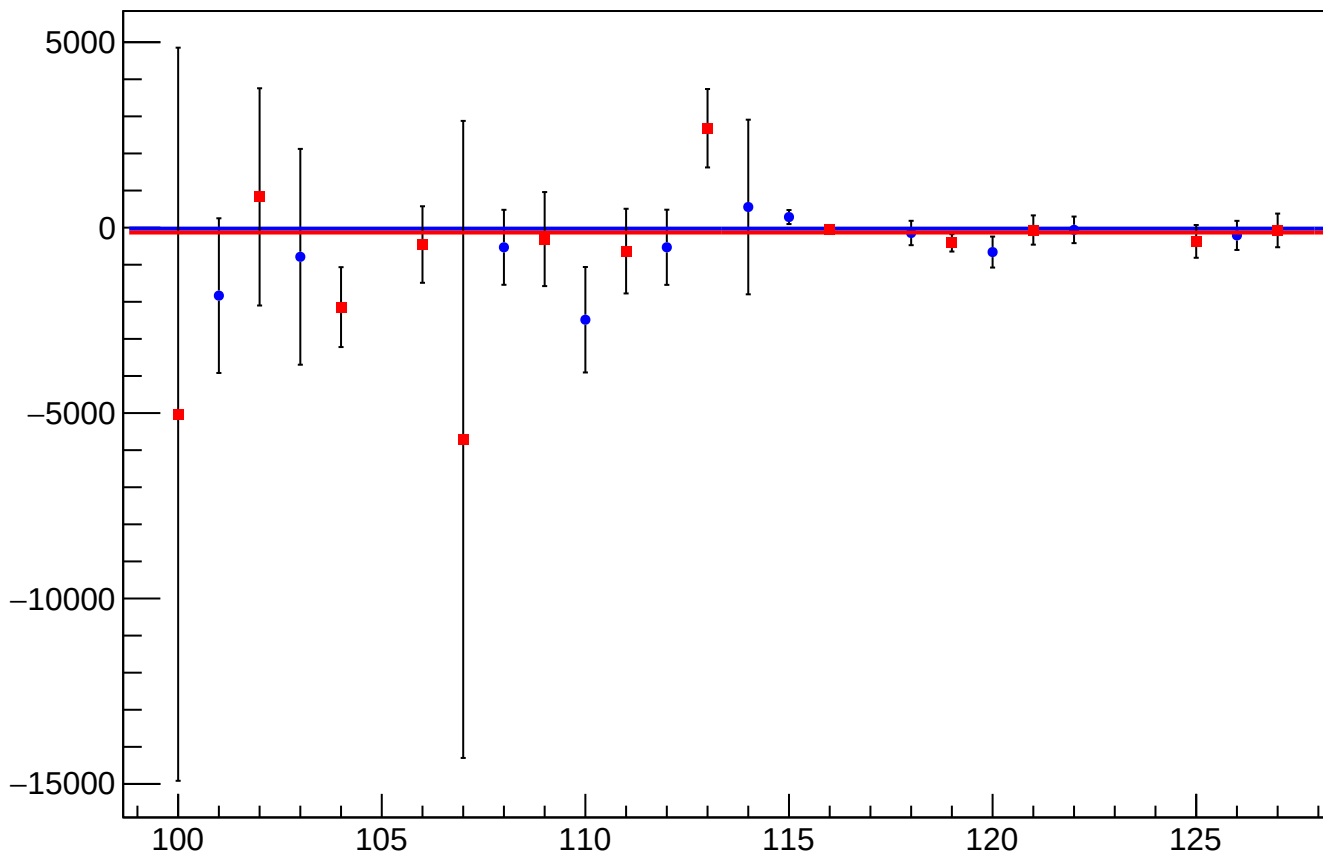
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2377.118+/-0.548 χ^2/NDF : 628301.9/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_reg_correction_mean vs Slug



Right In: -26.831 $\pm$ 128.840 χ^2 /NDF: 9.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -131.964 $\pm$ 98.822 χ^2 /NDF: 13.9/12

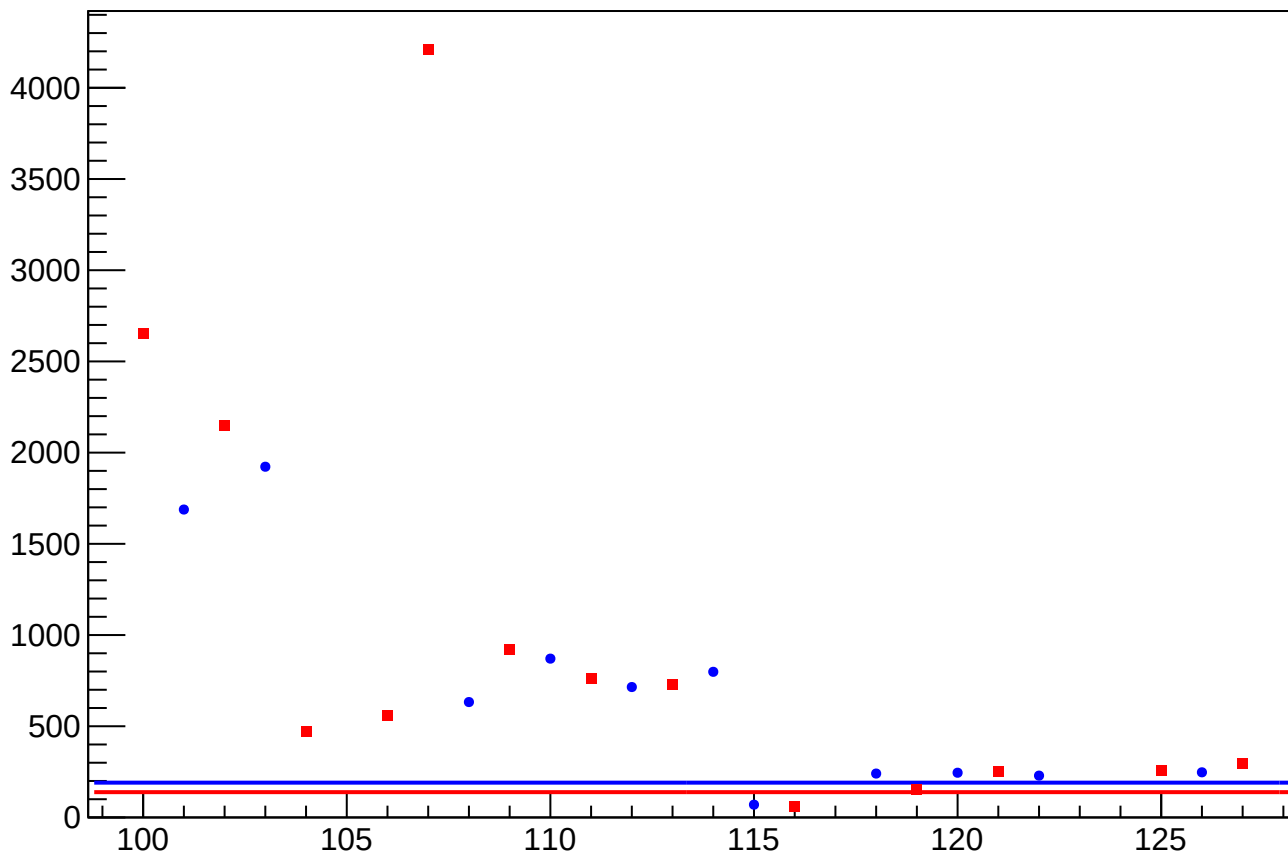
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -93.023 $\pm$ 78.413 χ^2 /NDF: 24.1/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_reg_correction_rms vs Slug



Right In: 190.791+/-0.091 χ^2/NDF : 4207825.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 138.704+/-0.070 χ^2/NDF : 5348004.9/12

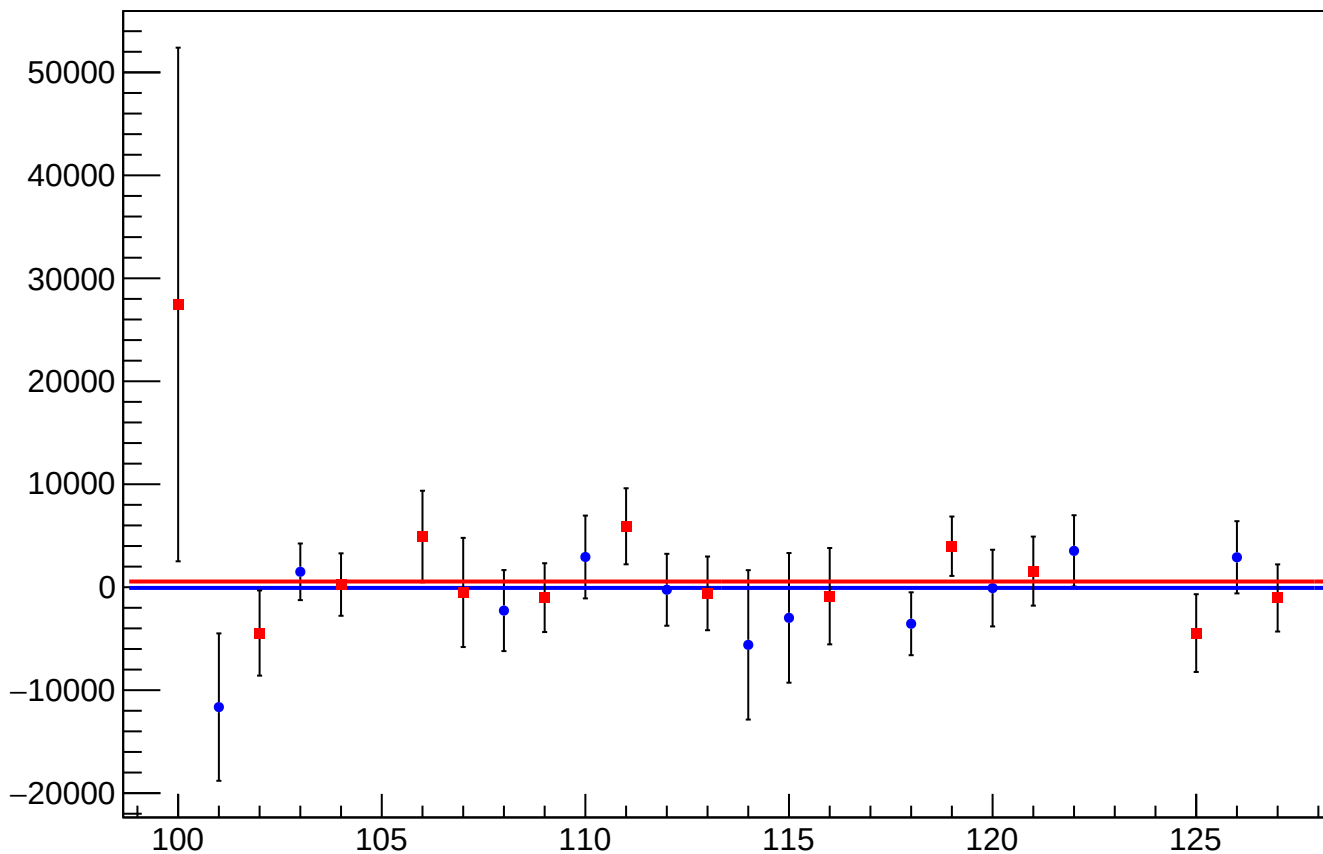
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.997+/-0.055 χ^2/NDF : 9761632.5/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -69.465 $\pm$ 1155.743 χ^2 /NDF: 7.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 553.563 $\pm$ 1045.348 χ^2 /NDF: 9.7/12

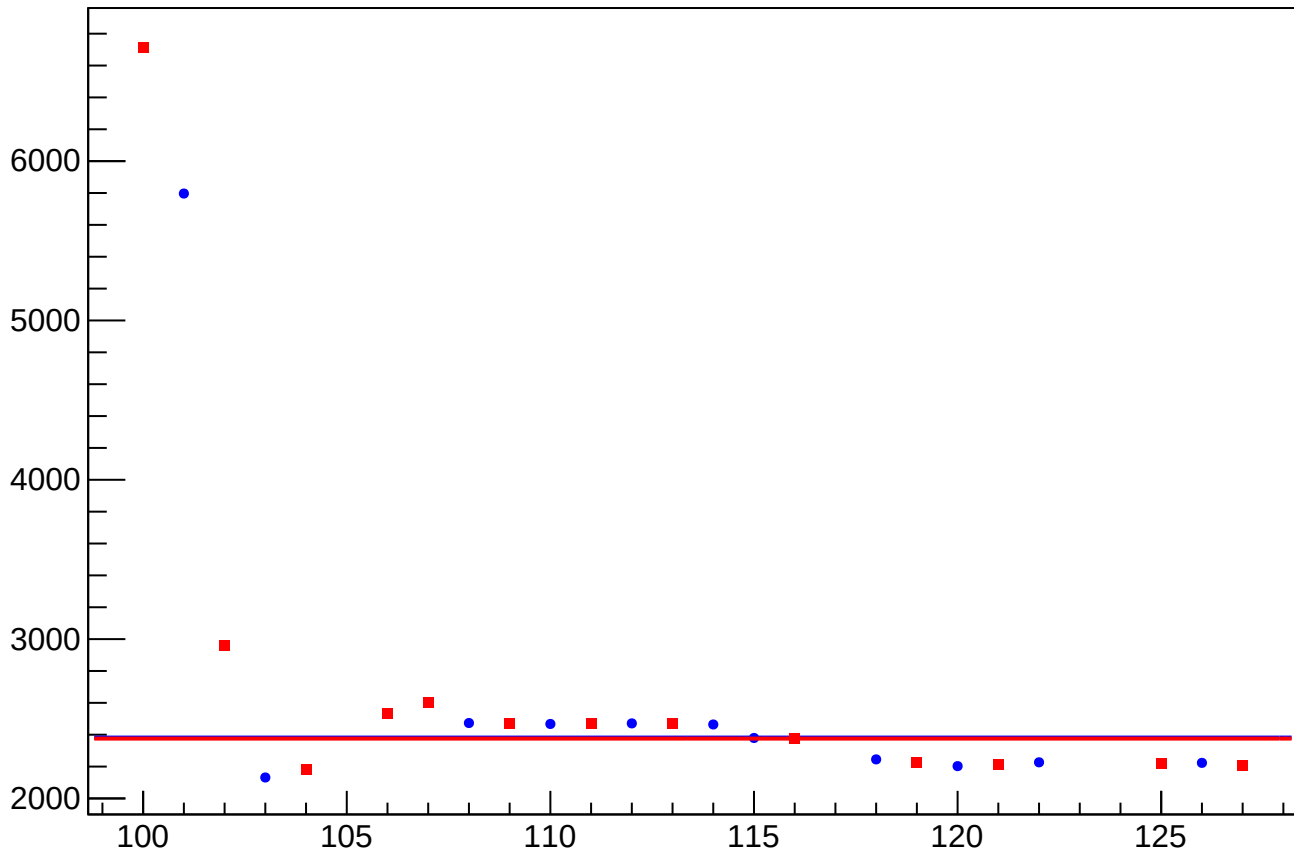
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 273.218 $\pm$ 775.271 χ^2 /NDF: 17.5/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2382.030 $\pm$ 0.817 χ^2 /NDF: 492059.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2375.650 $\pm$ 0.739 χ^2 /NDF: 137508.8/12

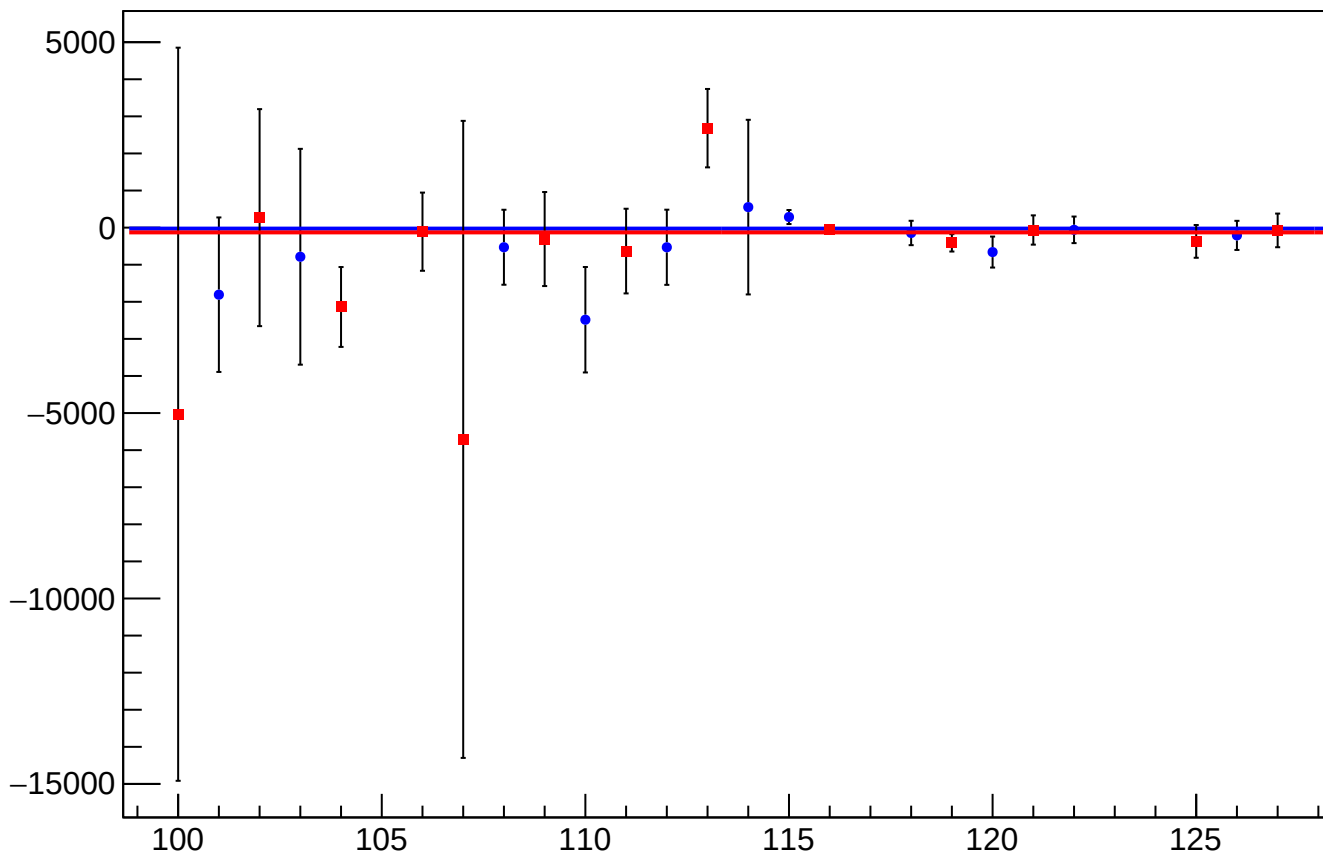
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2378.521 $\pm$ 0.548 χ^2 /NDF: 629602.2/23

- 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: -26.763 $\pm$ 128.865 χ^2 /NDF: 9.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -128.700 $\pm$ 98.711 χ^2 /NDF: 13.7/12

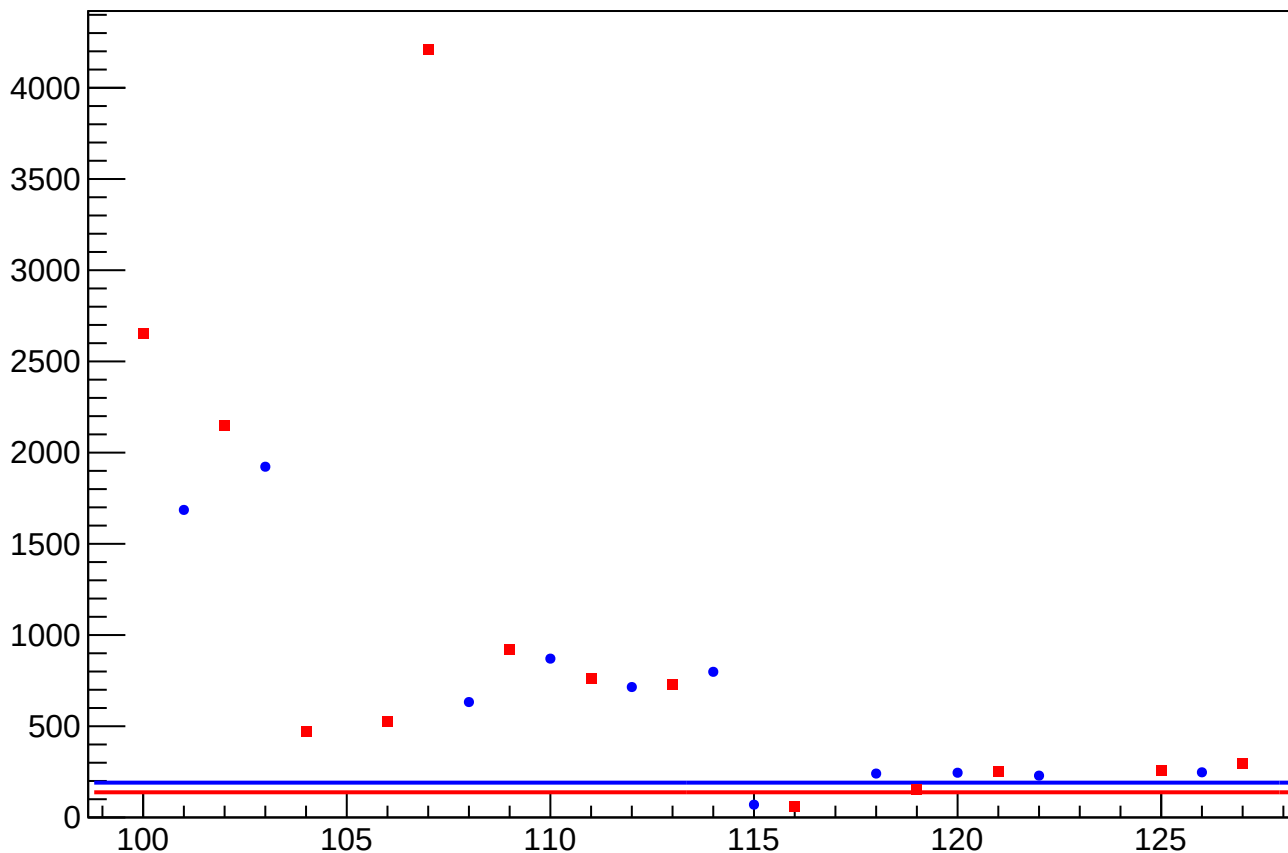
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -91.005 $\pm$ 78.363 χ^2 /NDF: 23.8/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_cor_correction_rms vs Slug



Right In: 190.856+/-0.091 χ^2/NDF : 4206495.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 137.934+/-0.070 χ^2/NDF : 5297237.0/12

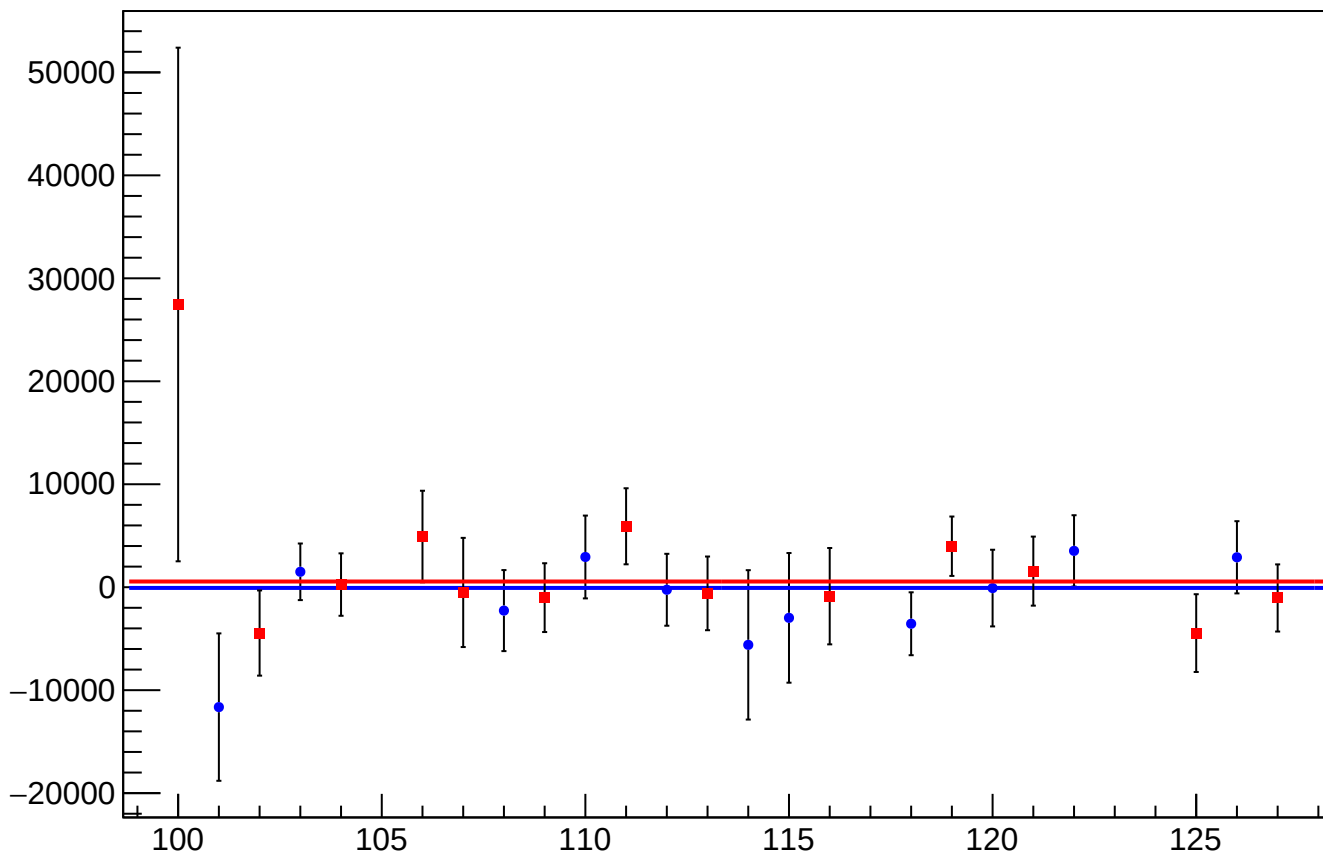
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.504+/-0.055 χ^2/NDF : 9716310.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -69.465+/-1155.743 χ^2 /NDF: 7.7/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 553.563+/-1045.348 χ^2 /NDF: 9.7/12

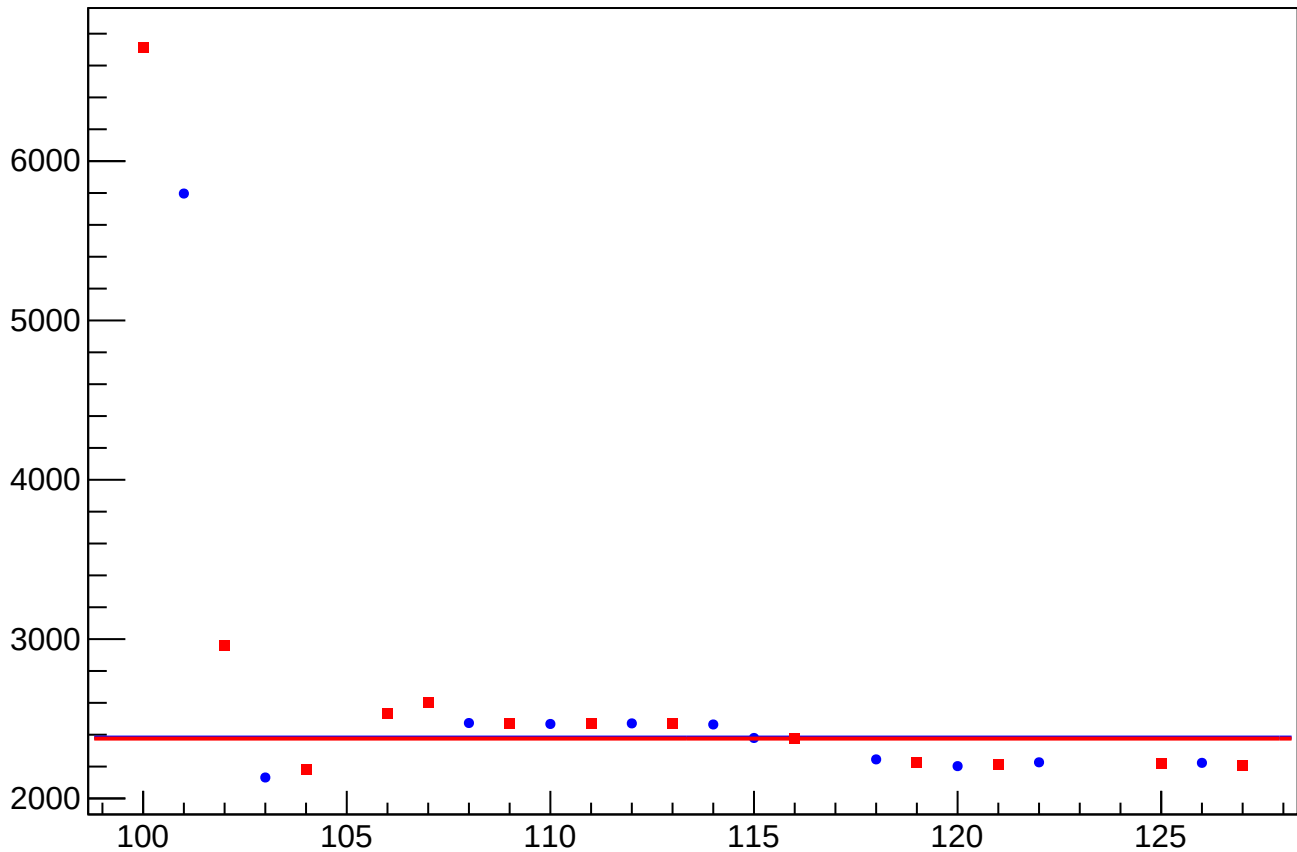
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 273.218+/-775.271 χ^2 /NDF: 17.5/23

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2382.030+/-0.817 χ^2/NDF : 492059.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

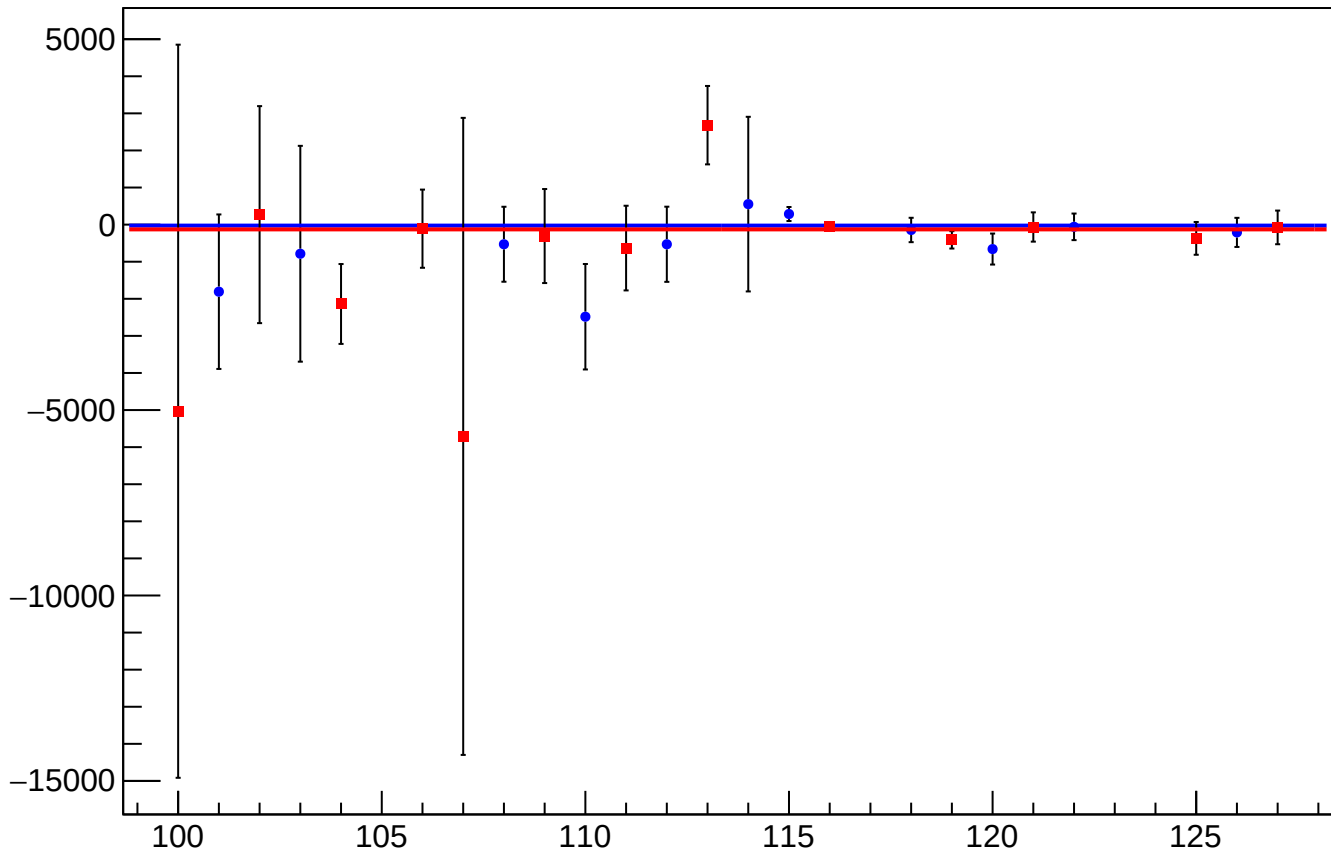
Right Out: 2375.650+/-0.739 χ^2/NDF : 137508.8/12

All: 2378.521+/-0.548 χ^2/NDF : 629602.2/23

- 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_avg_eigen_cor_correction_mean vs Slug



Right In: -26.763 $\pm$ 128.865 χ^2 /NDF: 9.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -128.700 $\pm$ 98.711 χ^2 /NDF: 13.7/12

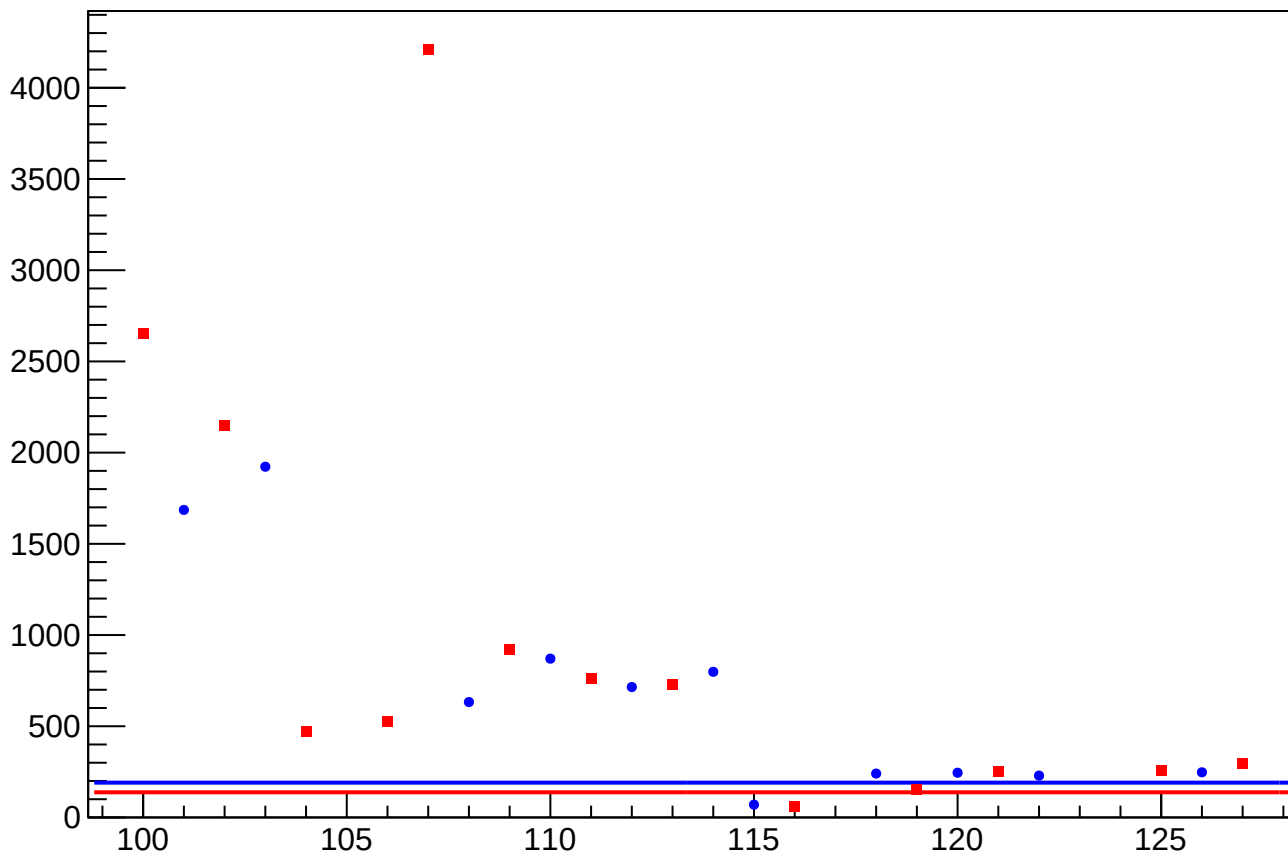
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -91.005 $\pm$ 78.363 χ^2 /NDF: 23.8/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_rms vs Slug



Right In: 190.856+/-0.091 χ^2/NDF : 4206495.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 137.934+/-0.070 χ^2/NDF : 5297237.0/12

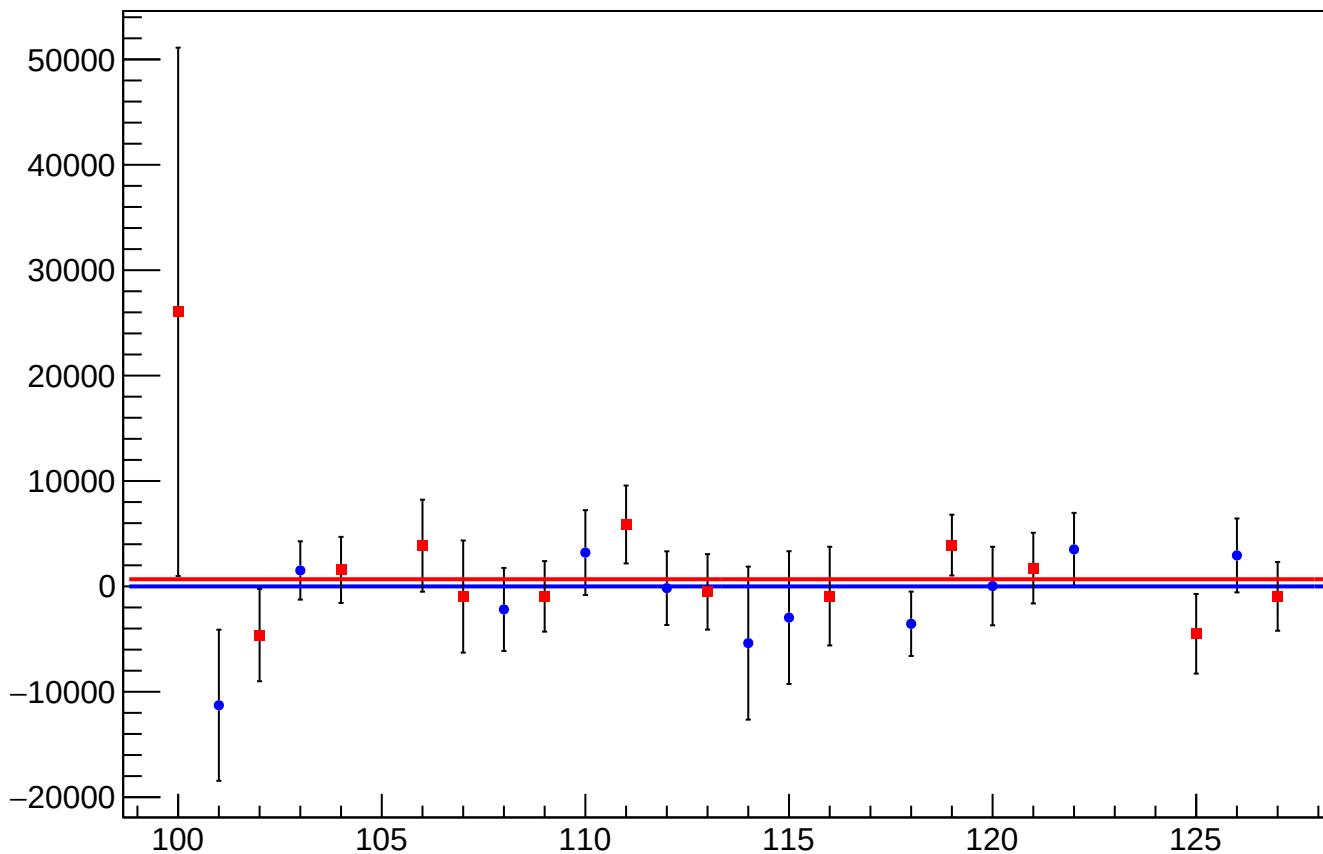
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.504+/-0.055 χ^2/NDF : 9716310.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -2.691+/-1157.461 χ^2/NDF : 7.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 678.769+/-1052.542 χ^2/NDF : 9.1/12

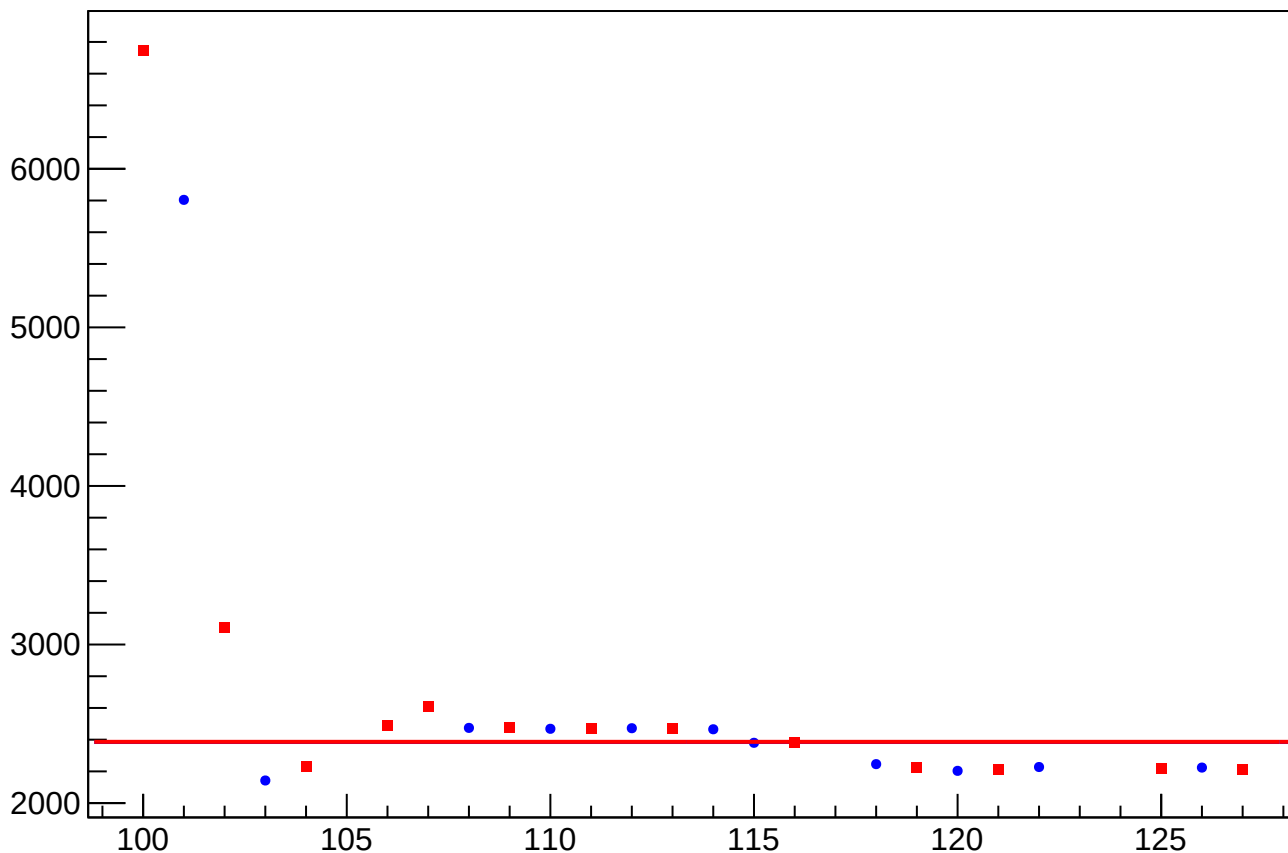
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 370.318+/-778.716 χ^2/NDF : 16.9/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2385.219+/-0.818 χ^2/NDF : 491153.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2386.370+/-0.744 χ^2/NDF : 149421.8/12

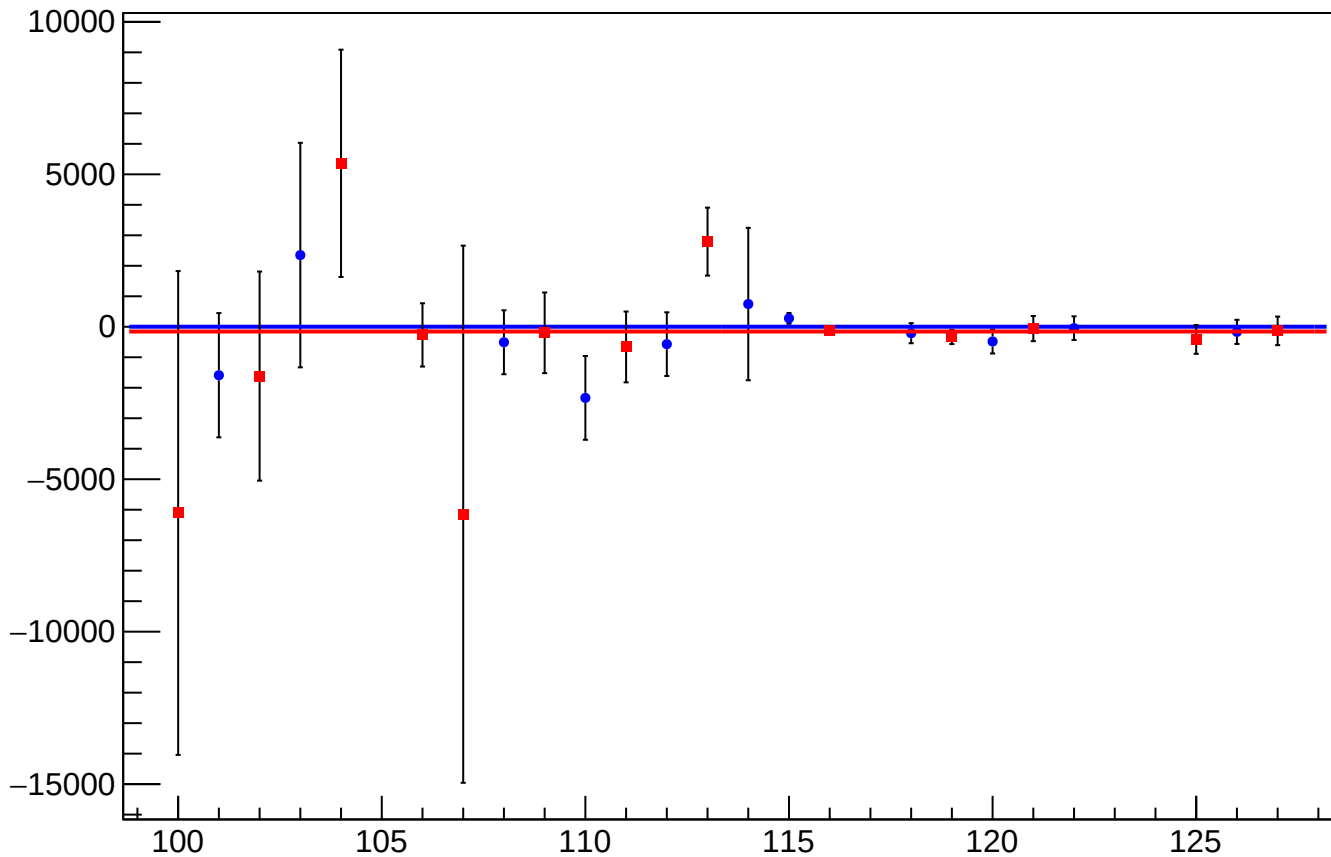
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2385.849+/-0.551 χ^2/NDF : 640576.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_dit_correction_mean vs Slug



Right In: 1.927 $\pm$ 125.399 χ^2 /NDF: 9.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -155.579 $\pm$ 102.714 χ^2 /NDF: 11.6/12

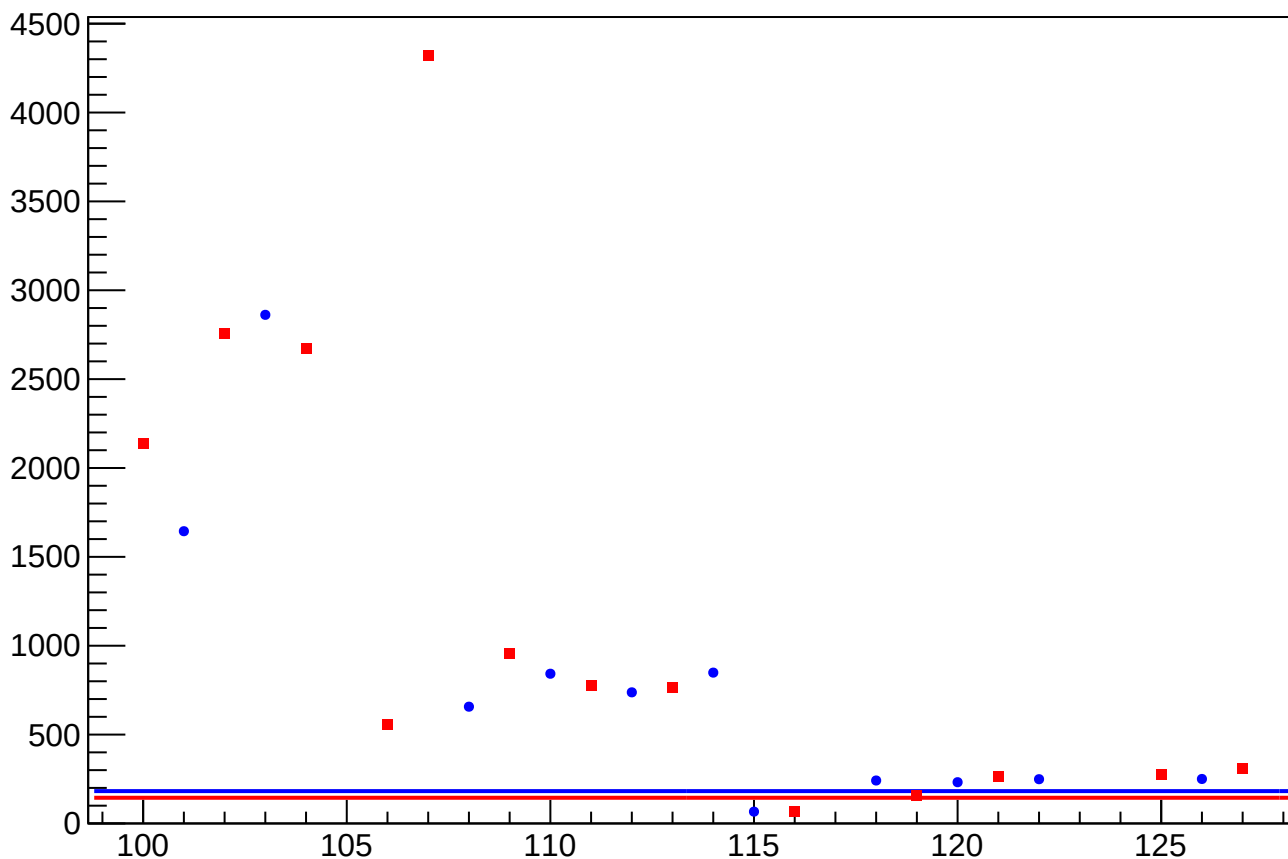
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -92.336 $\pm$ 79.461 χ^2 /NDF: 21.6/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_dit_correction_rms vs Slug



Right In: 182.010+/-0.089 χ^2/NDF : 4742862.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.581+/-0.073 χ^2/NDF : 6227592.5/12

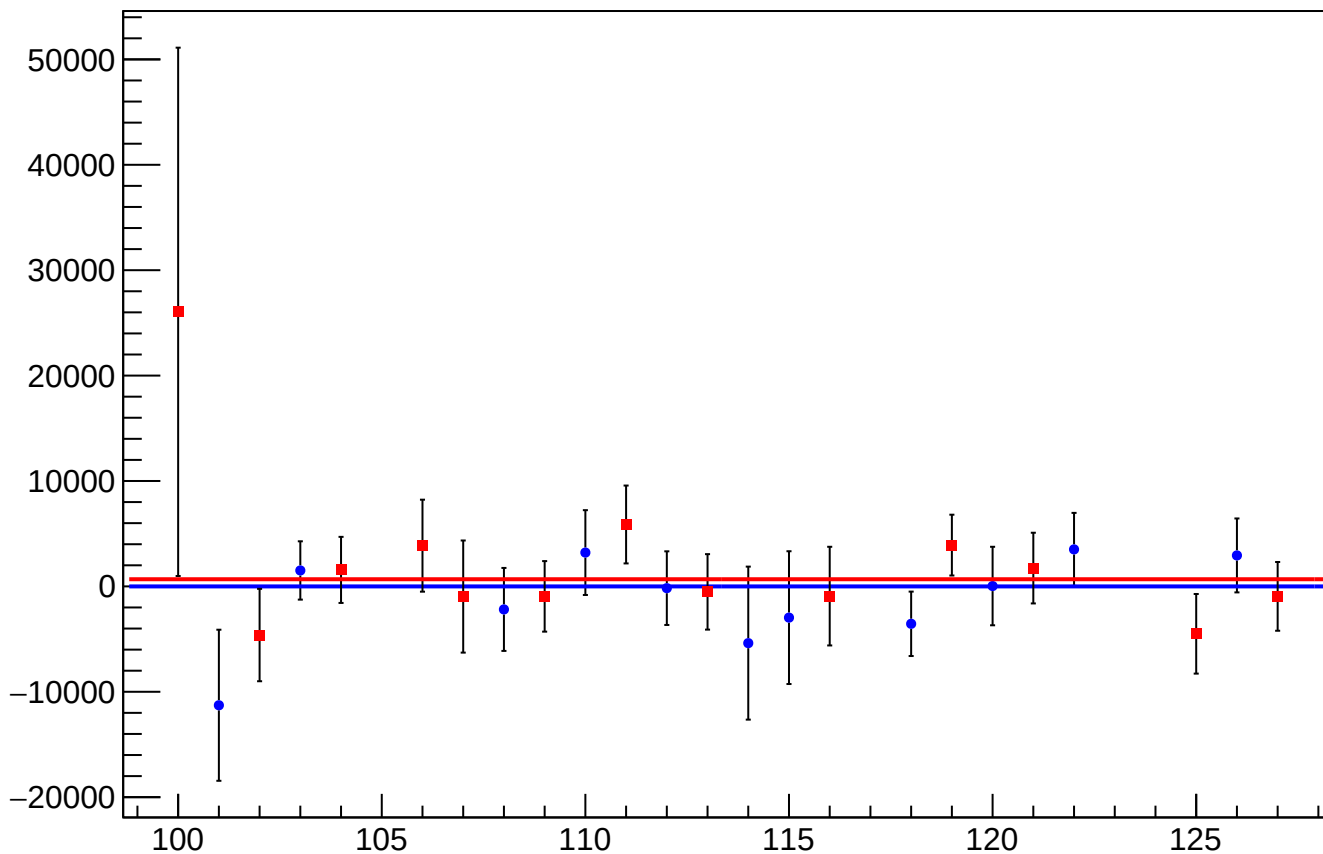
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.610+/-0.056 χ^2/NDF : 11077089.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -2.691+/-1157.461 χ^2/NDF : 7.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 678.771+/-1052.542 χ^2/NDF : 9.1/12

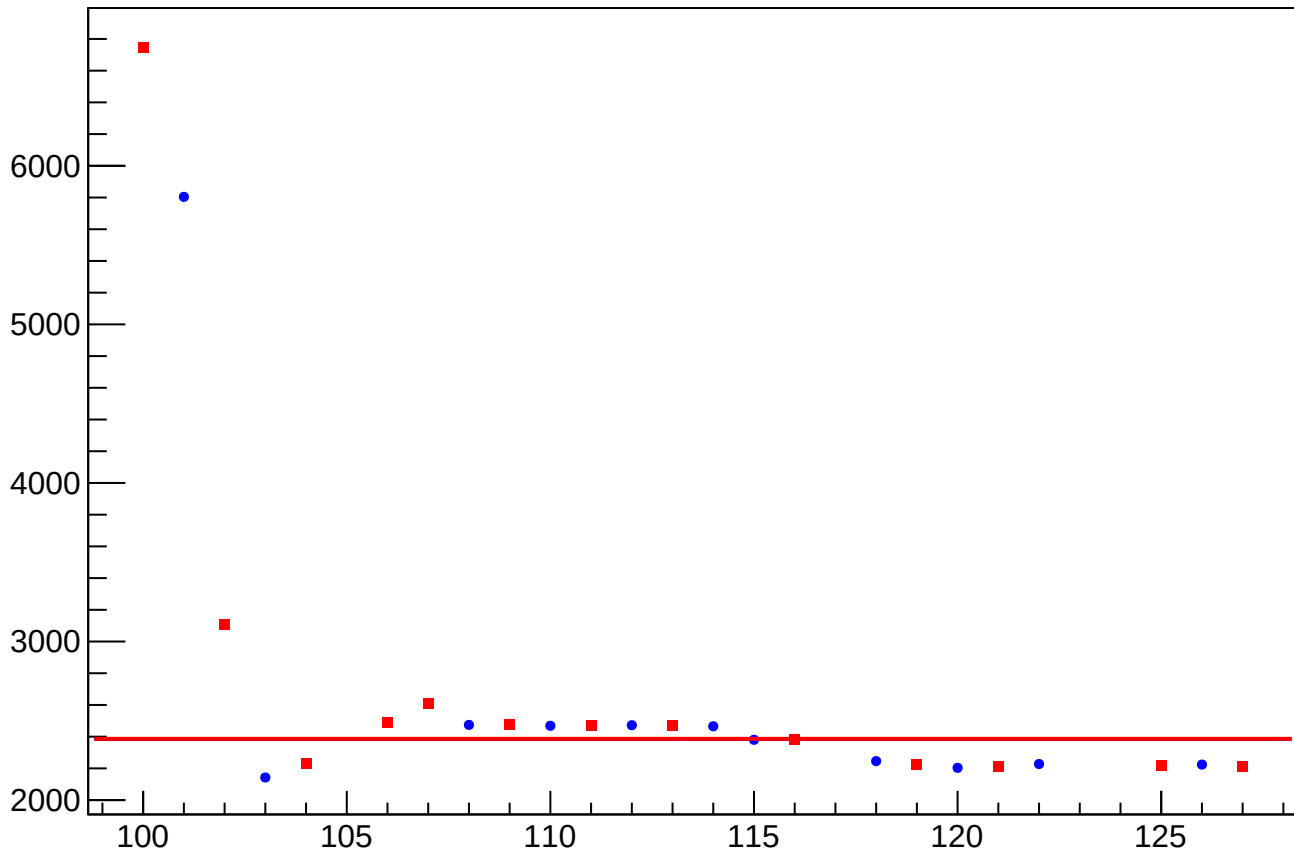
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 370.319+/-778.716 χ^2/NDF : 16.9/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2385.219+/-0.818 χ^2/NDF : 491153.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2386.369+/-0.744 χ^2/NDF : 149421.8/12

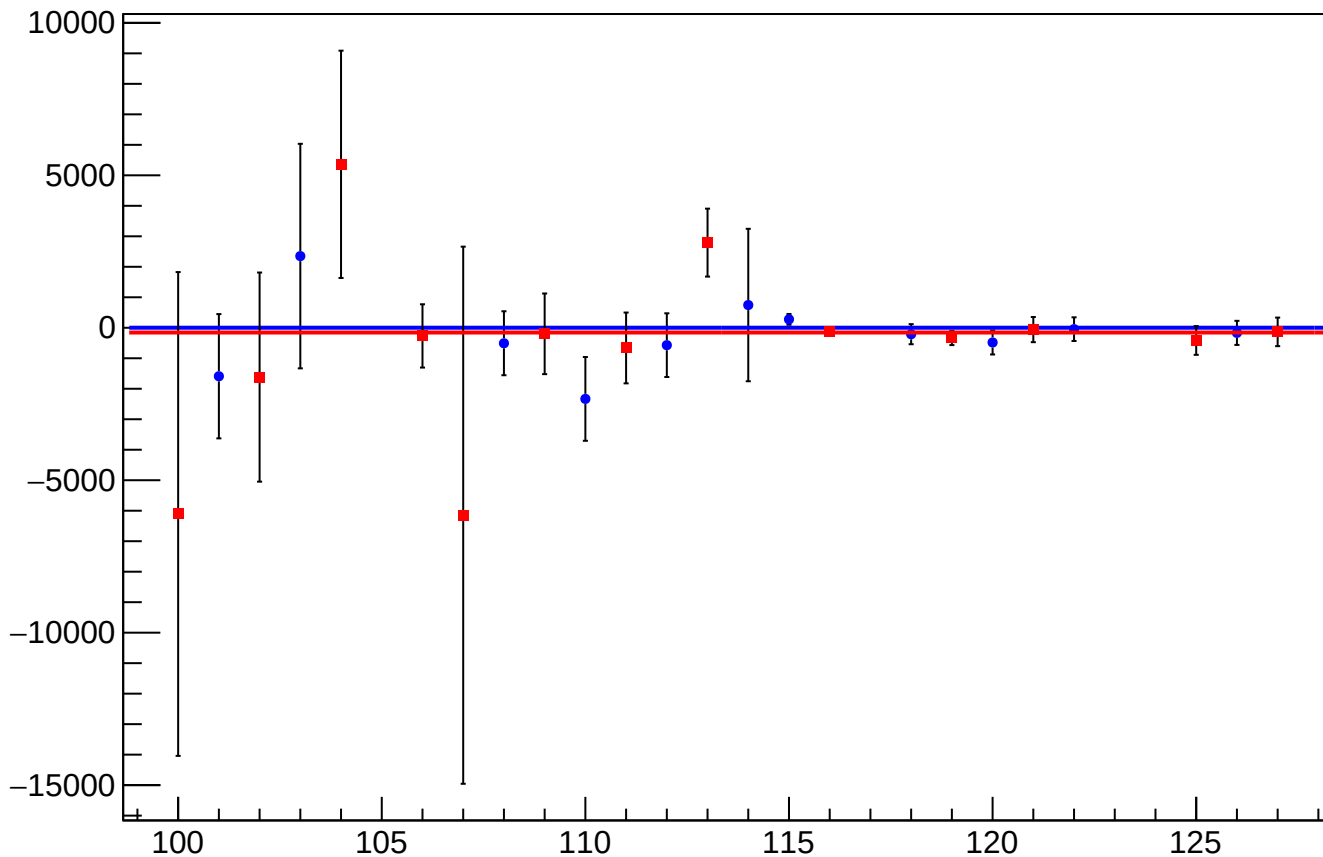
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2385.849+/-0.551 χ^2/NDF : 640576.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_mean vs Slug



Right In: 1.929+/-125.397 χ^2/NDF : 9.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -155.578+/-102.713 χ^2/NDF : 11.6/12

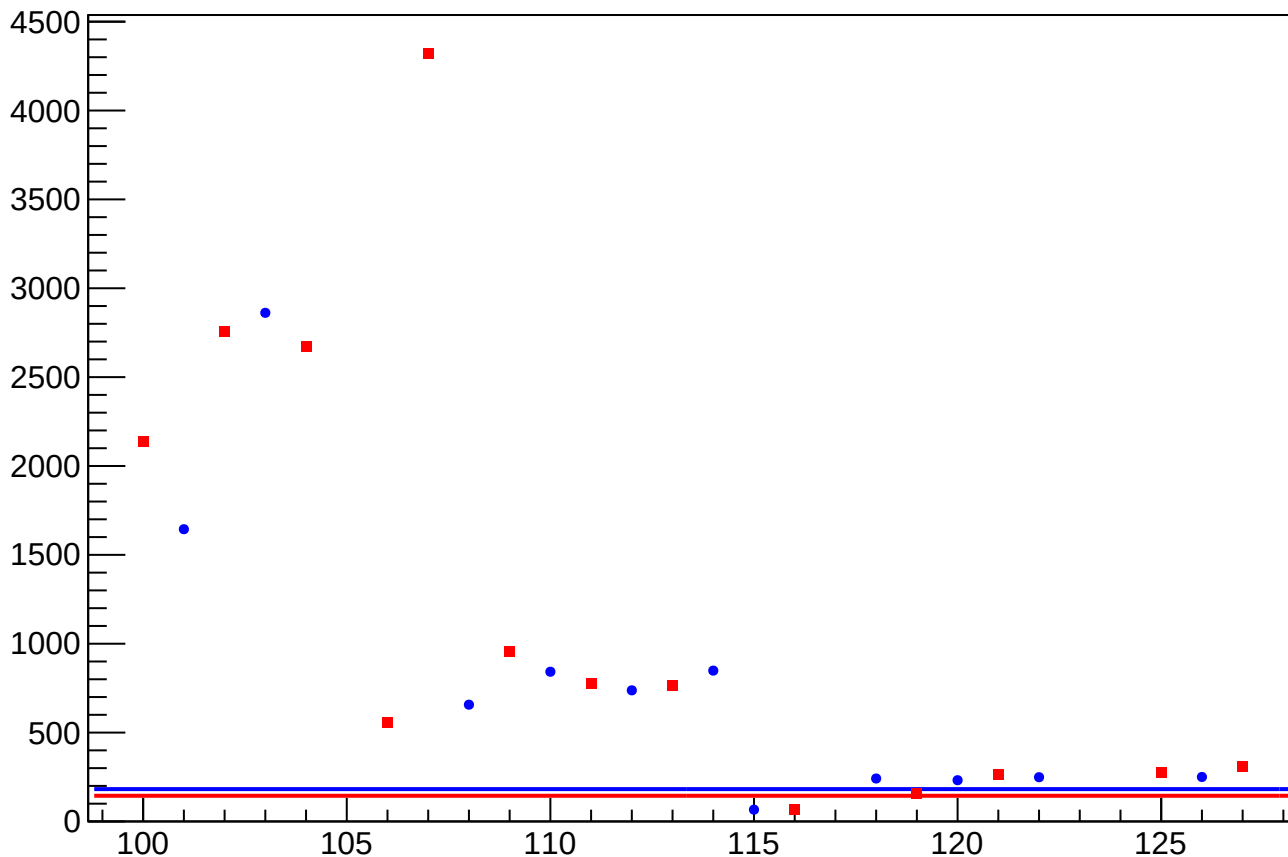
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -92.335+/-79.460 χ^2/NDF : 21.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_rms vs Slug



Right In: 182.006+/-0.089 χ^2/NDF : 4742914.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.578+/-0.073 χ^2/NDF : 6227642.5/12

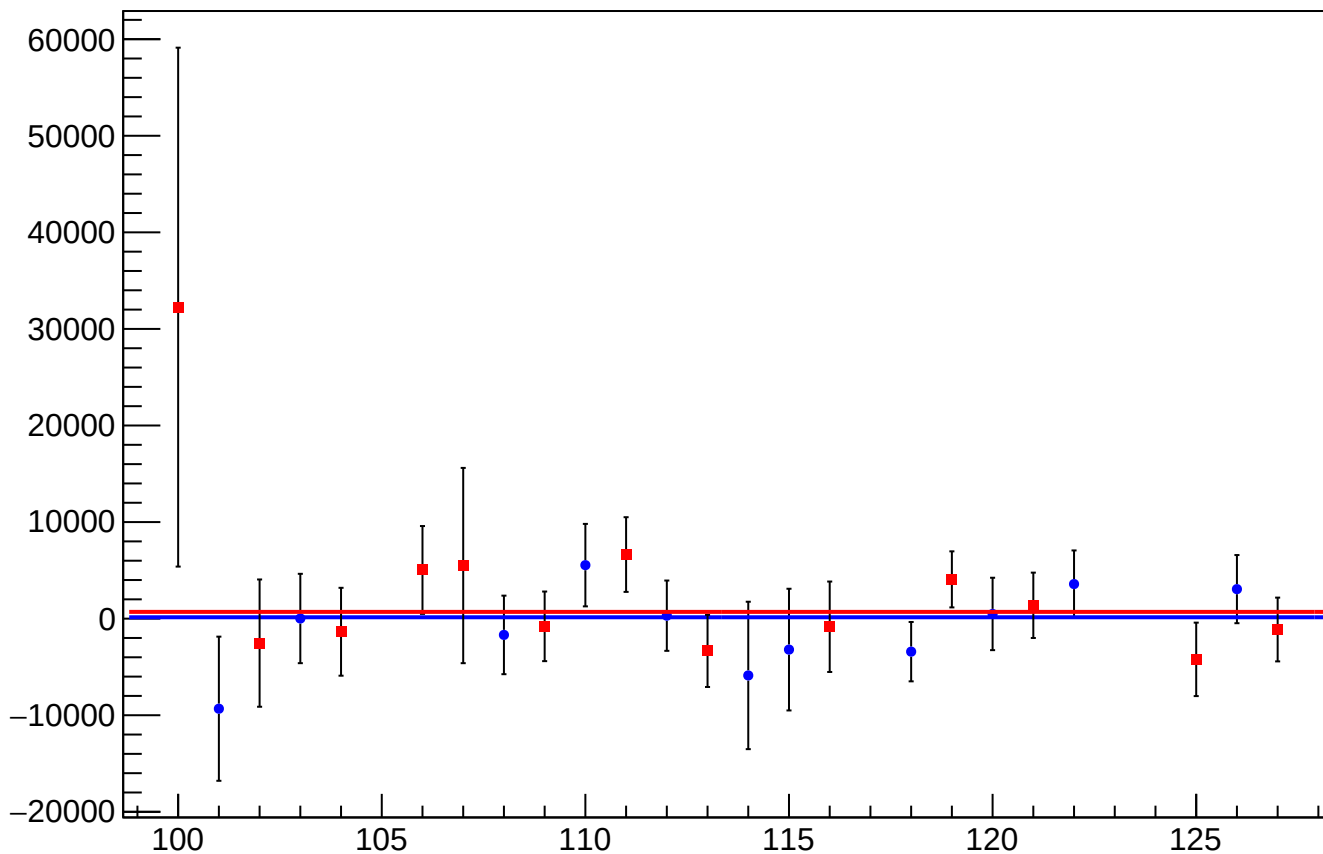
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.607+/-0.056 χ^2/NDF : 11077188.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: 142.886+/-1252.174 χ^2/NDF : 7.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 701.453+/-1147.779 χ^2/NDF : 10.1/12

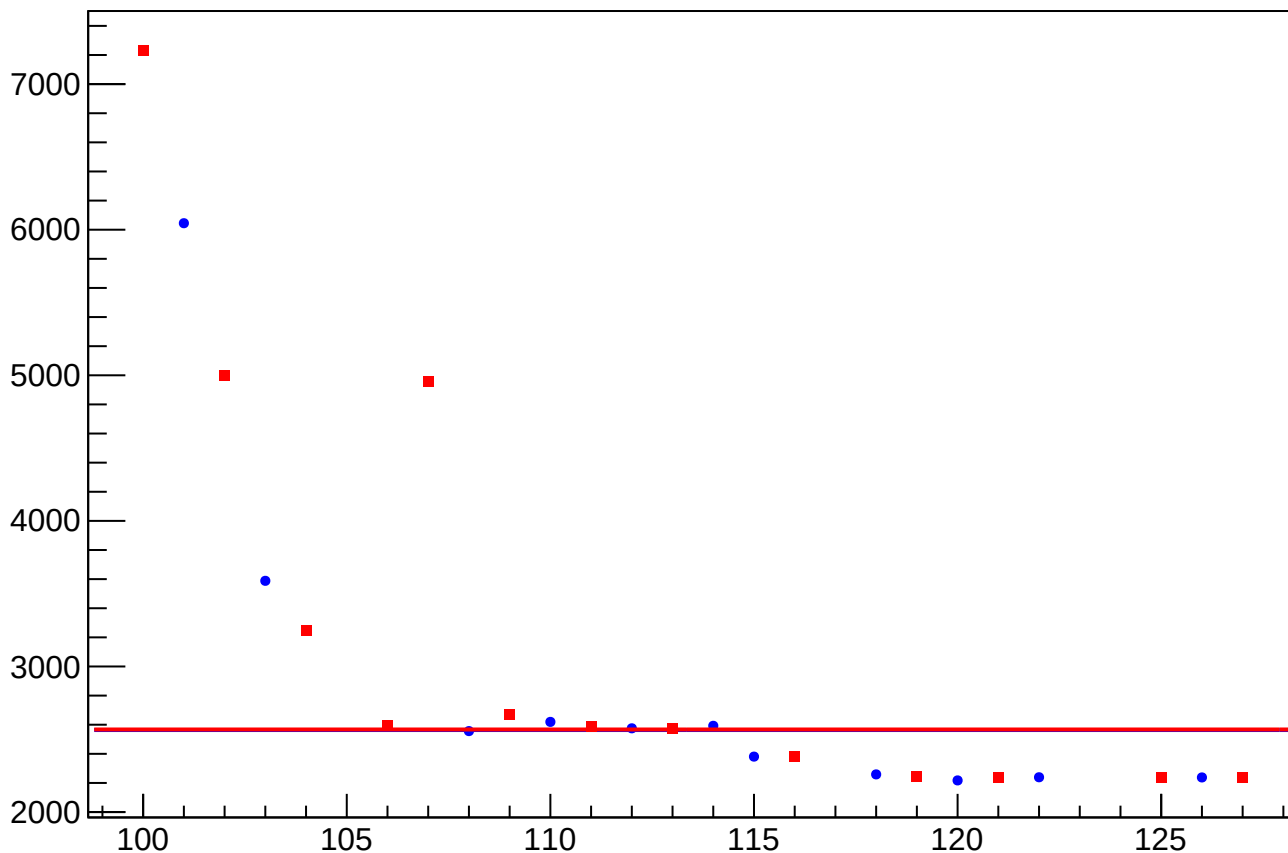
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 446.421+/-846.106 χ^2/NDF : 17.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2563.454+/-0.885 χ^2/NDF : 606533.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2567.152+/-0.812 χ^2/NDF : 573896.9/12

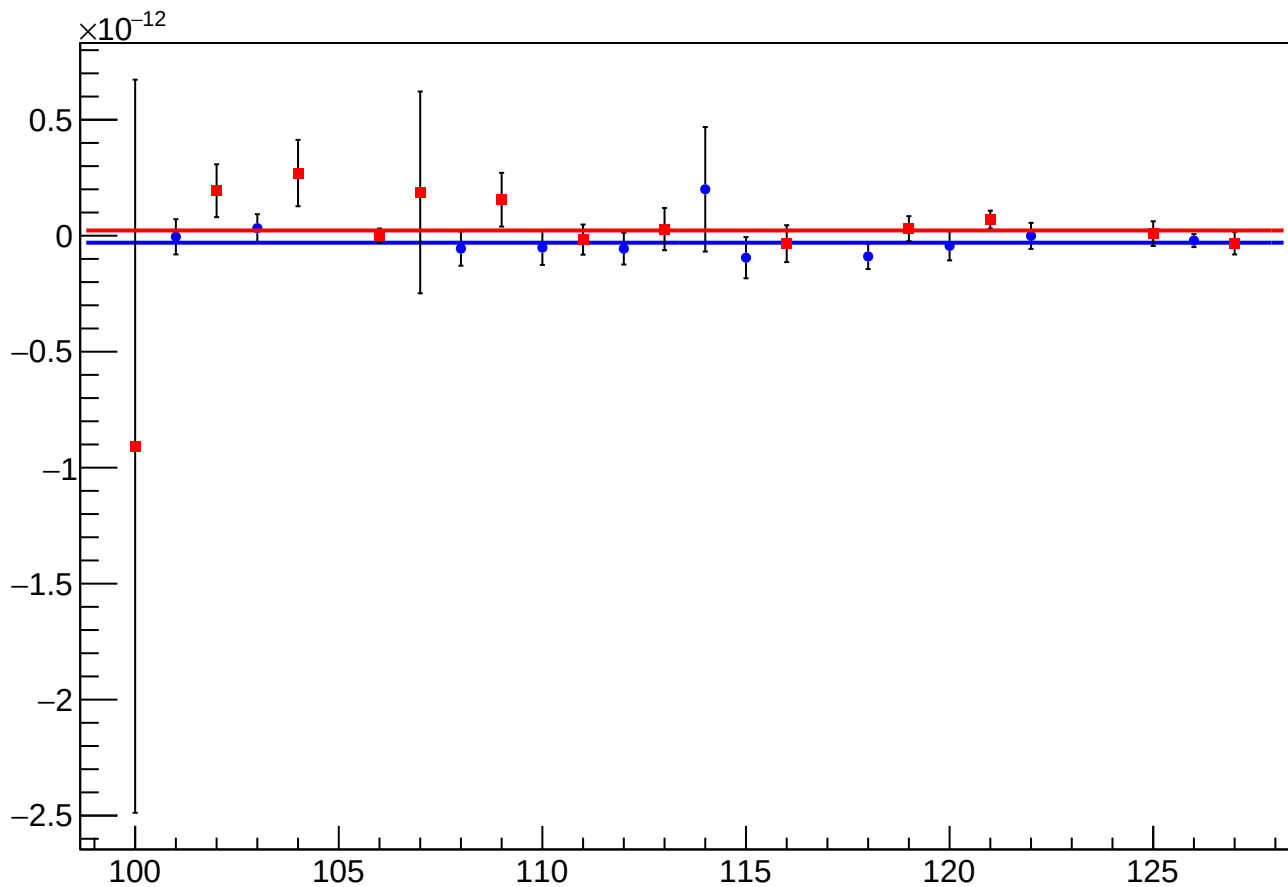
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2565.463+/-0.598 χ^2/NDF : 1180439.7/23

- 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 : 4.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.3/12

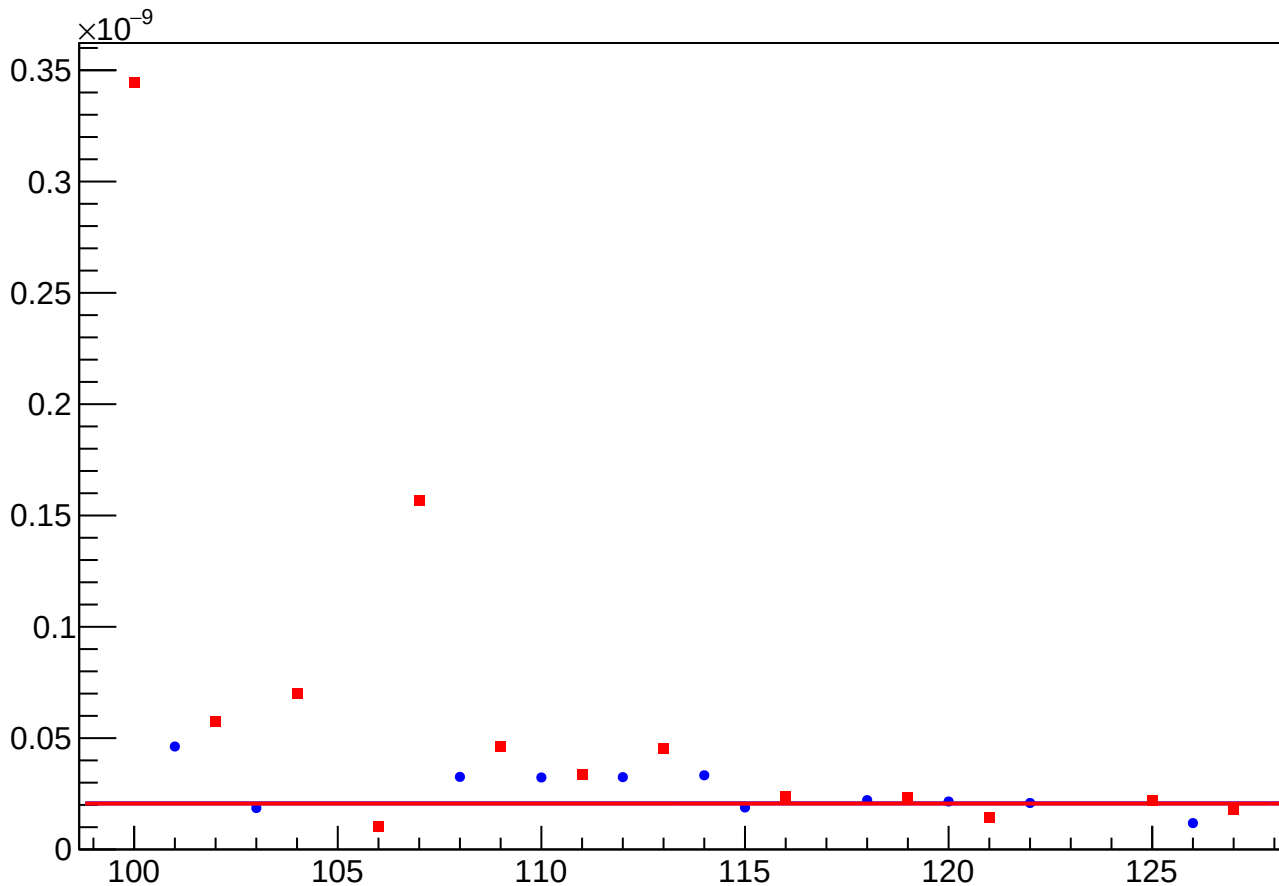
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.5/23

- 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+/-0.000 χ^2/NDF : 596656.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1335551.0/12

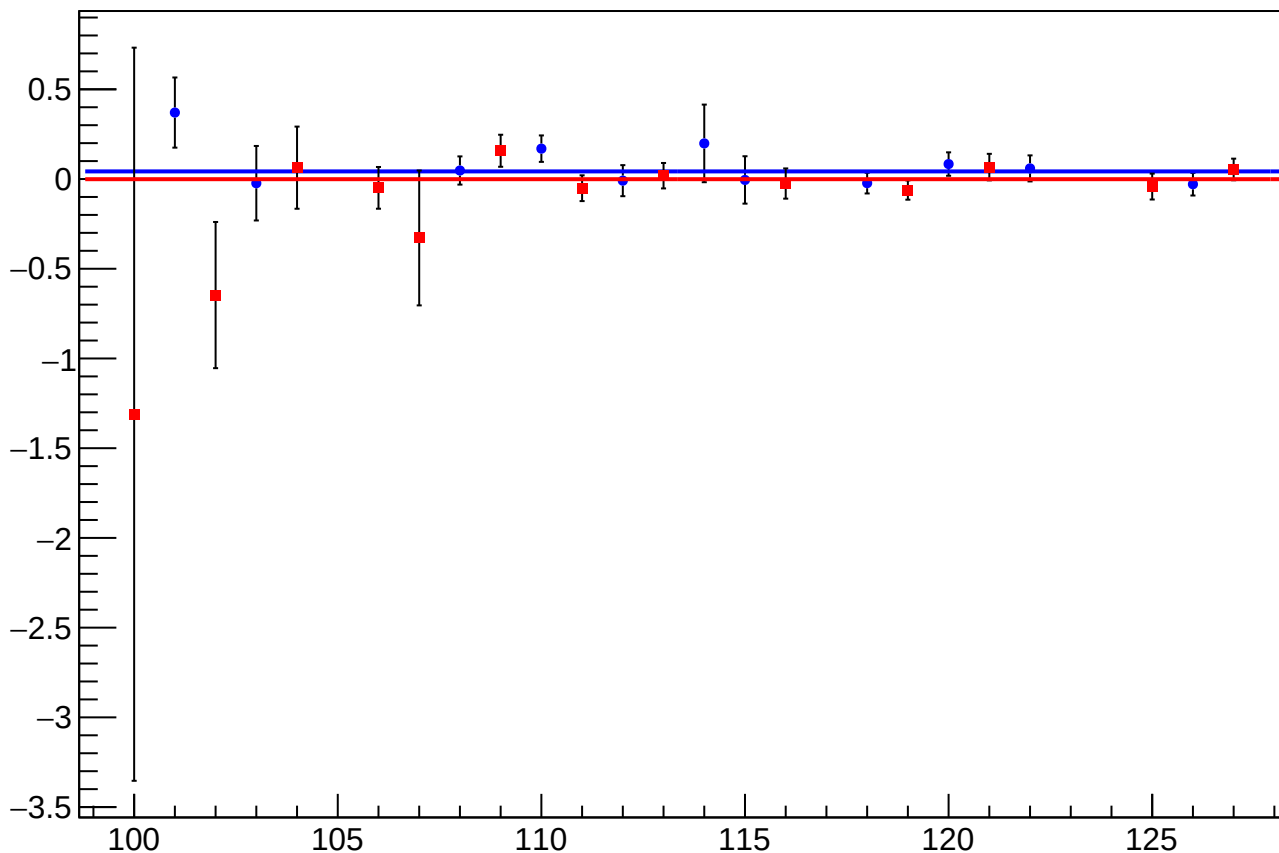
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1932226.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.043 $\pm$ 0.025 χ^2 /NDF: 9.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.001 $\pm$ 0.024 χ^2 /NDF: 11.0/12

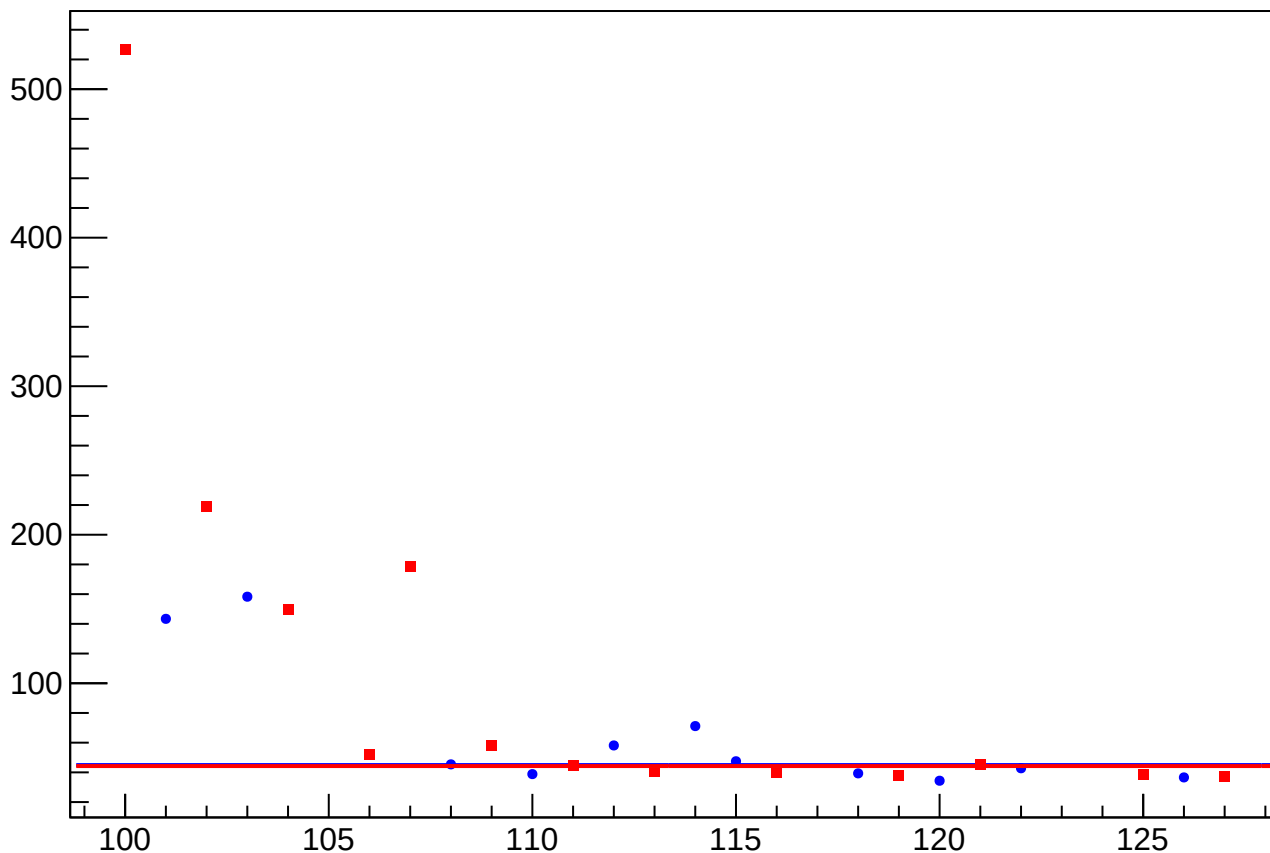
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.020 $\pm$ 0.017 χ^2 /NDF: 22.5/23

- 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: 44.898+/-0.018 χ^2/NDF : 1301650.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

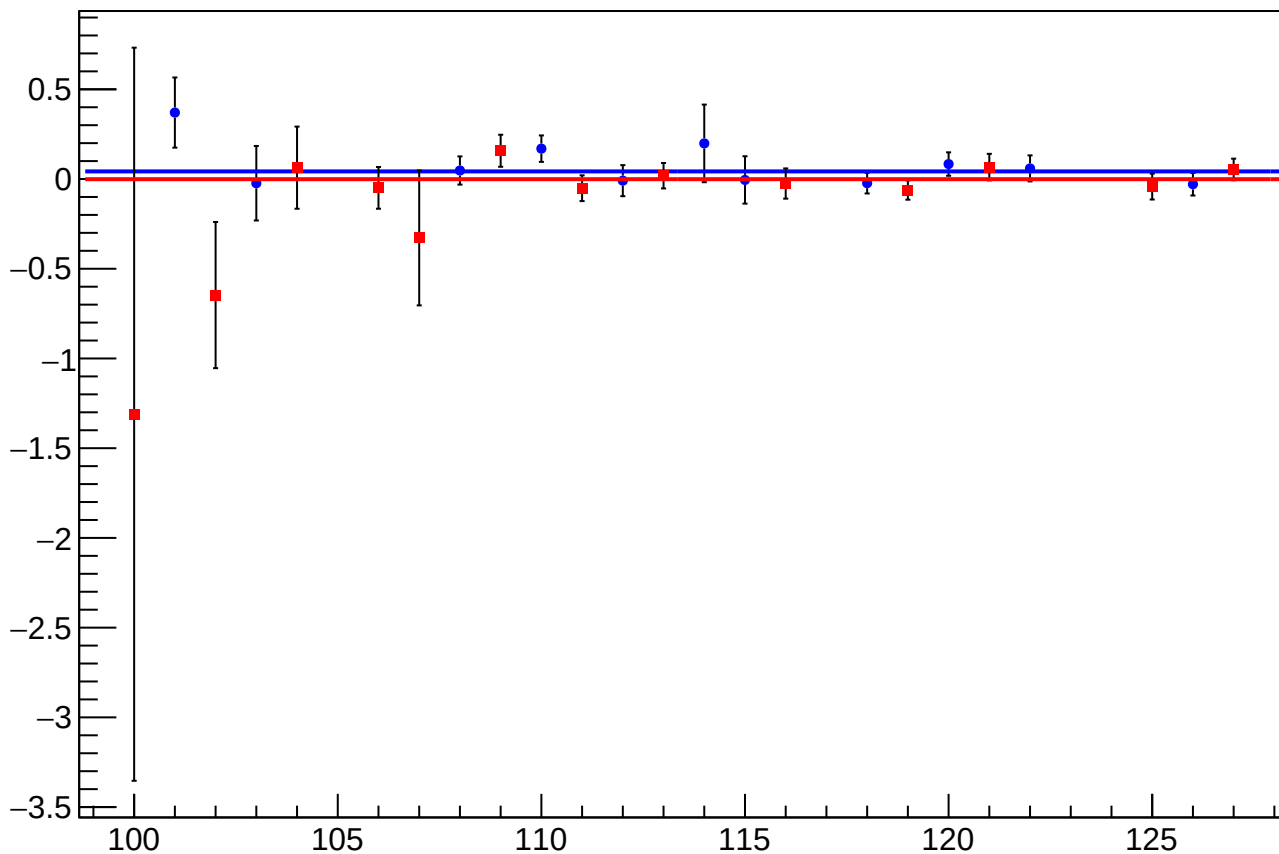
Right Out: 44.249+/-0.017 χ^2/NDF : 1297098.8/12

All: 44.556+/-0.012 χ^2/NDF : 2599451.2/23

- 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_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.043+/-0.025 χ^2/NDF : 9.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.001+/-0.024 χ^2/NDF : 11.0/12

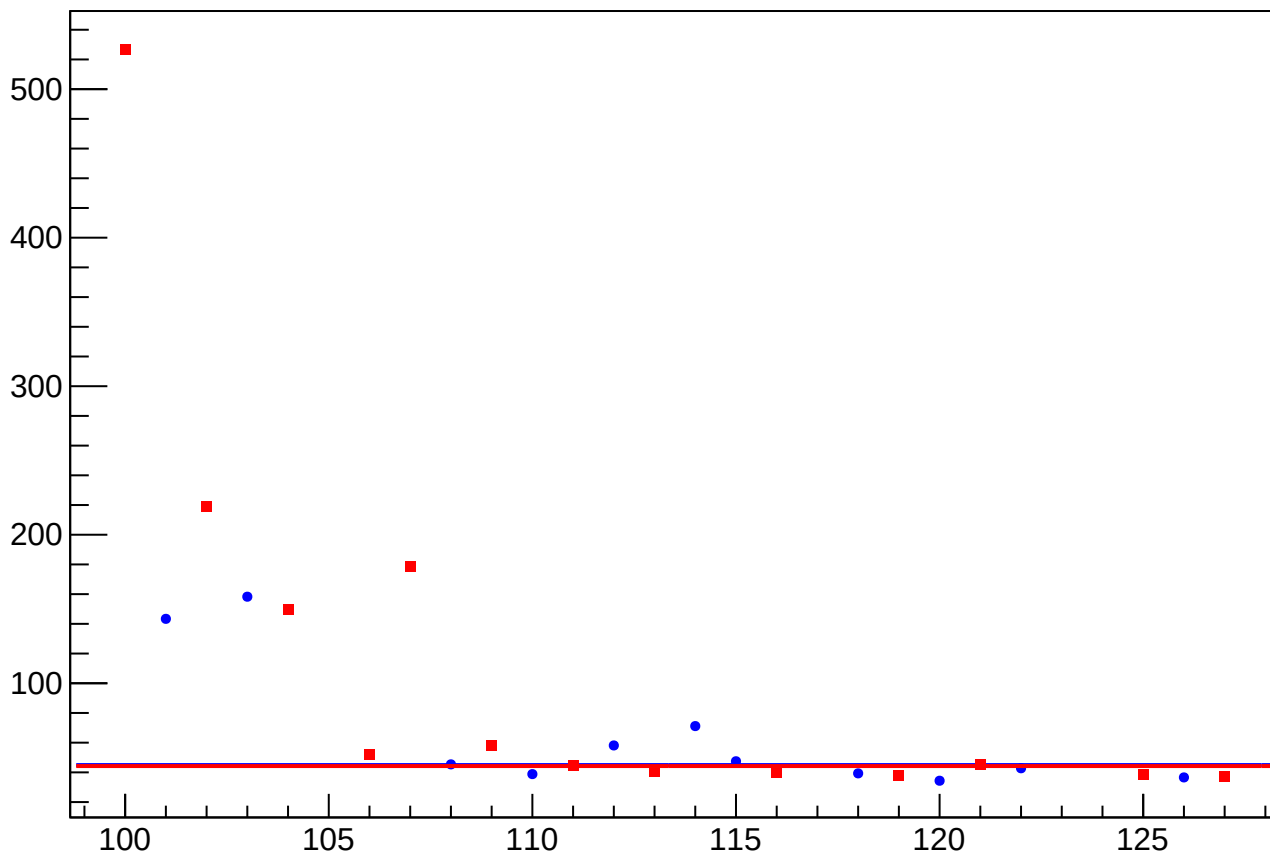
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.017 χ^2/NDF : 22.5/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 44.898+/-0.018 χ^2/NDF : 1301650.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.249+/-0.017 χ^2/NDF : 1297098.8/12

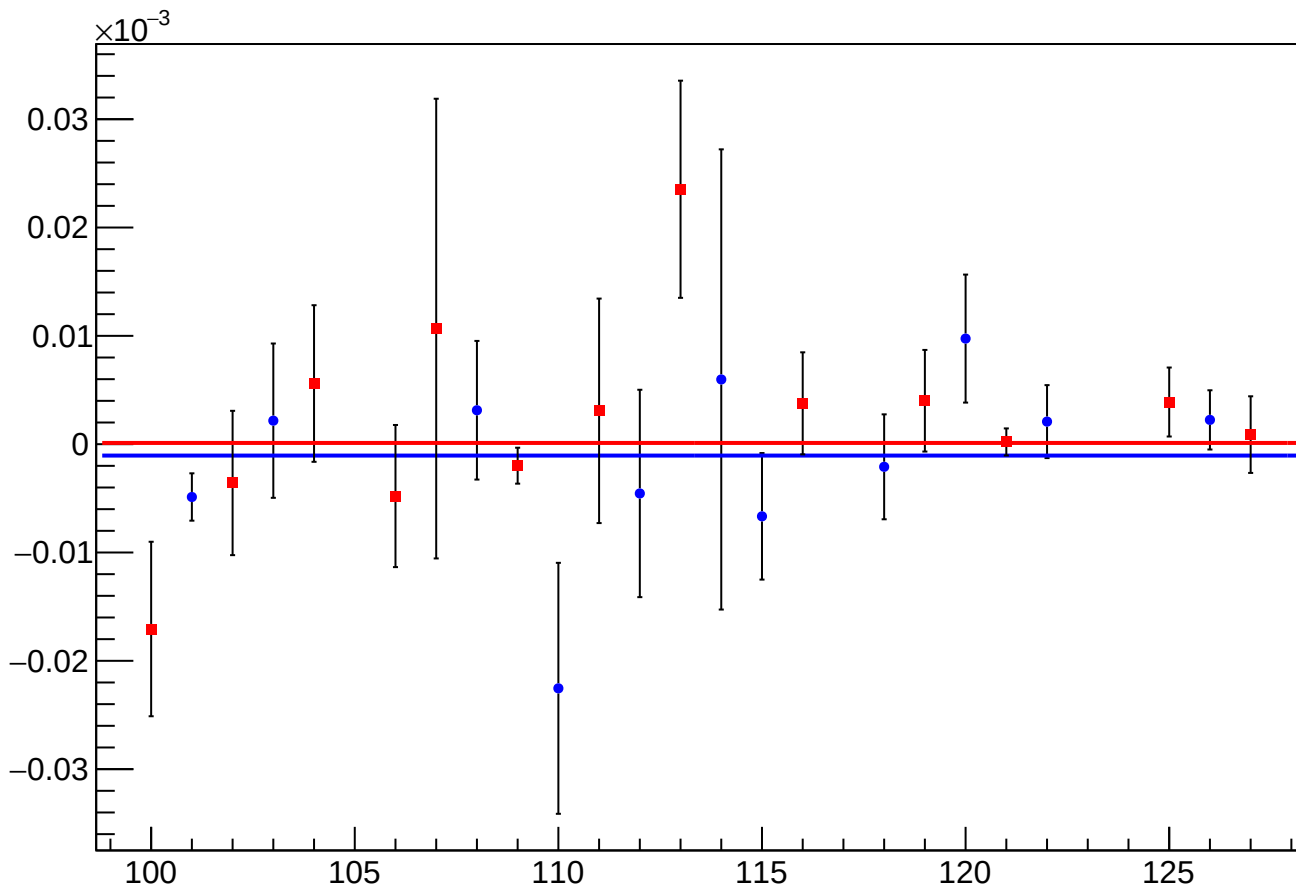
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.556+/-0.012 χ^2/NDF : 2599451.2/23

- 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 $\pm$ 0.000 χ^2/NDF : 14.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 16.1/12

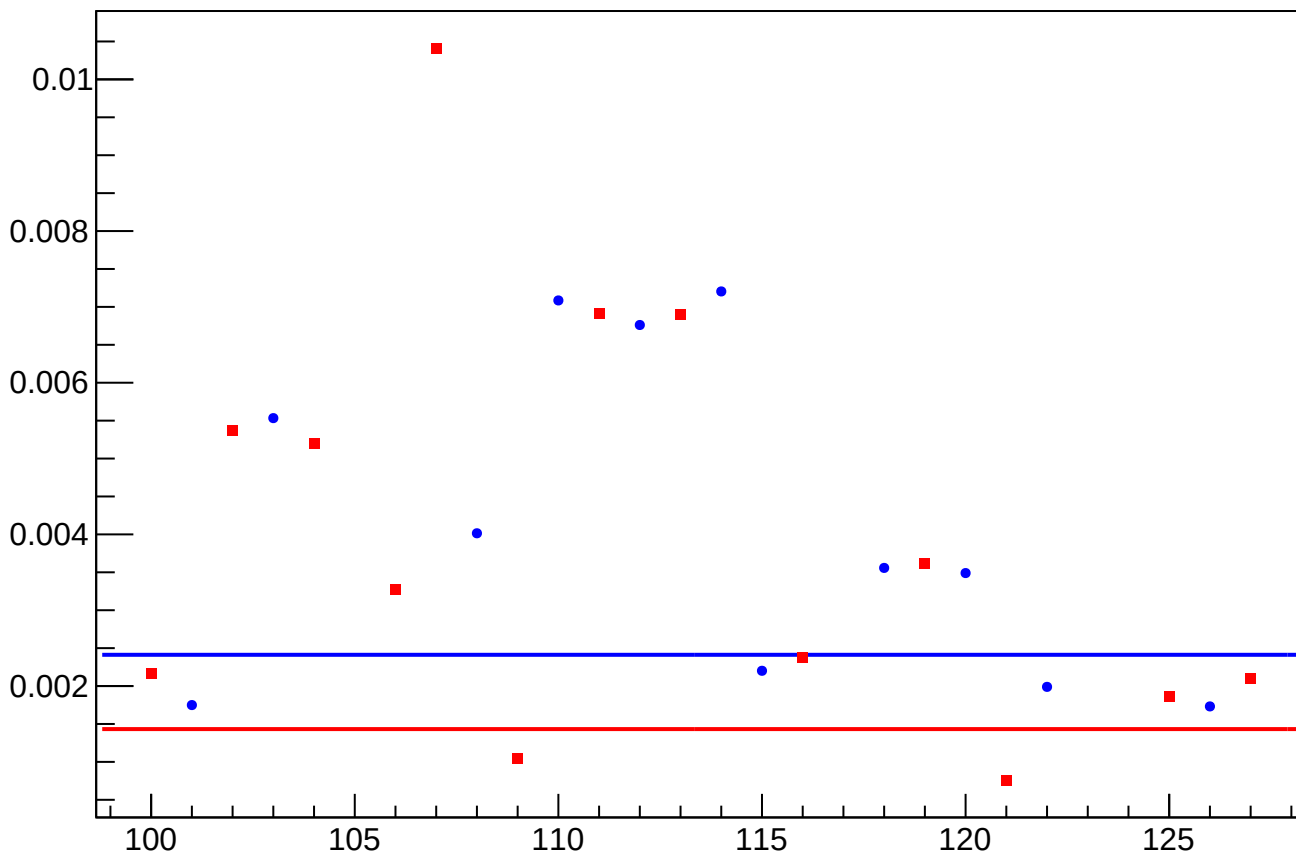
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 30.7/23

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 1869989.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4256373.5/12

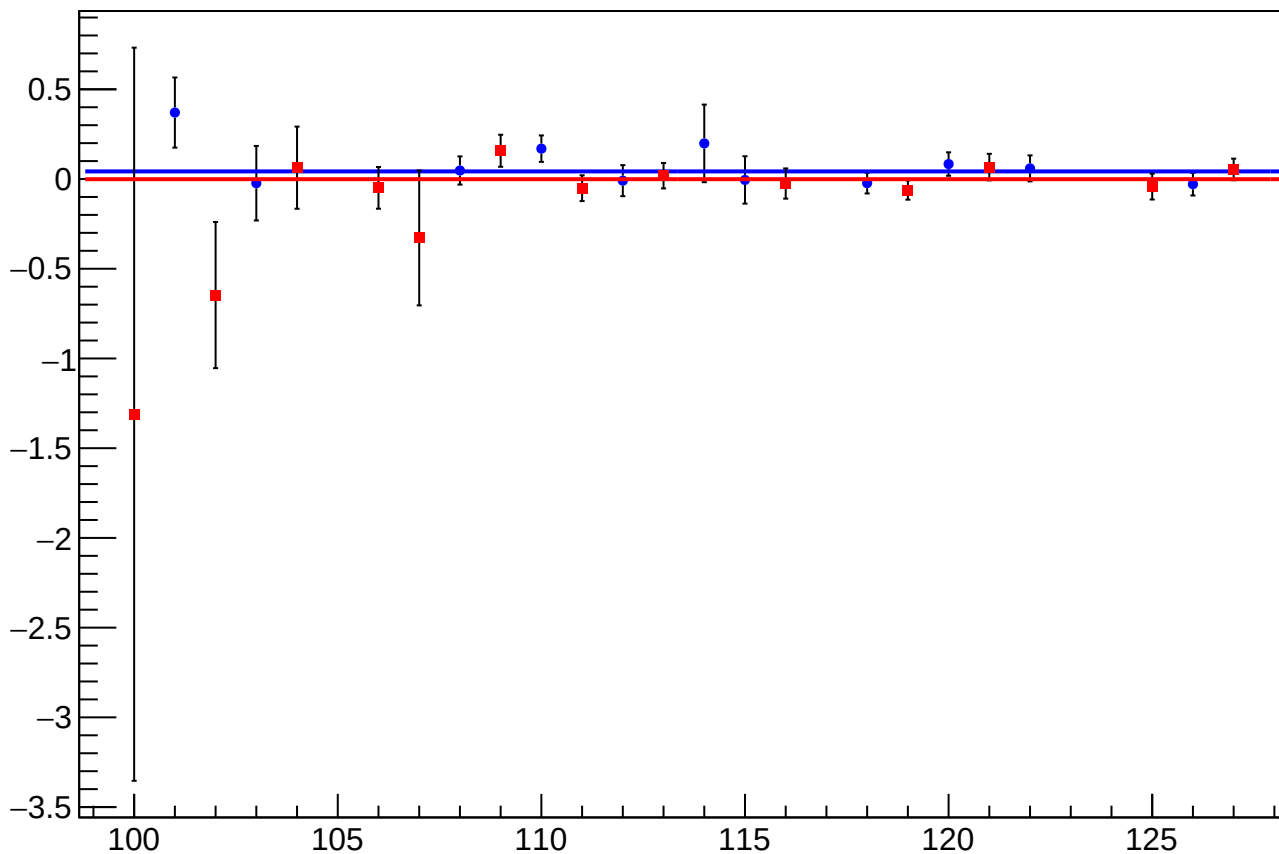
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6925036.9/23

- 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: 0.043 $\pm$ 0.025 χ^2 /NDF: 9.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.001 $\pm$ 0.024 χ^2 /NDF: 11.0/12

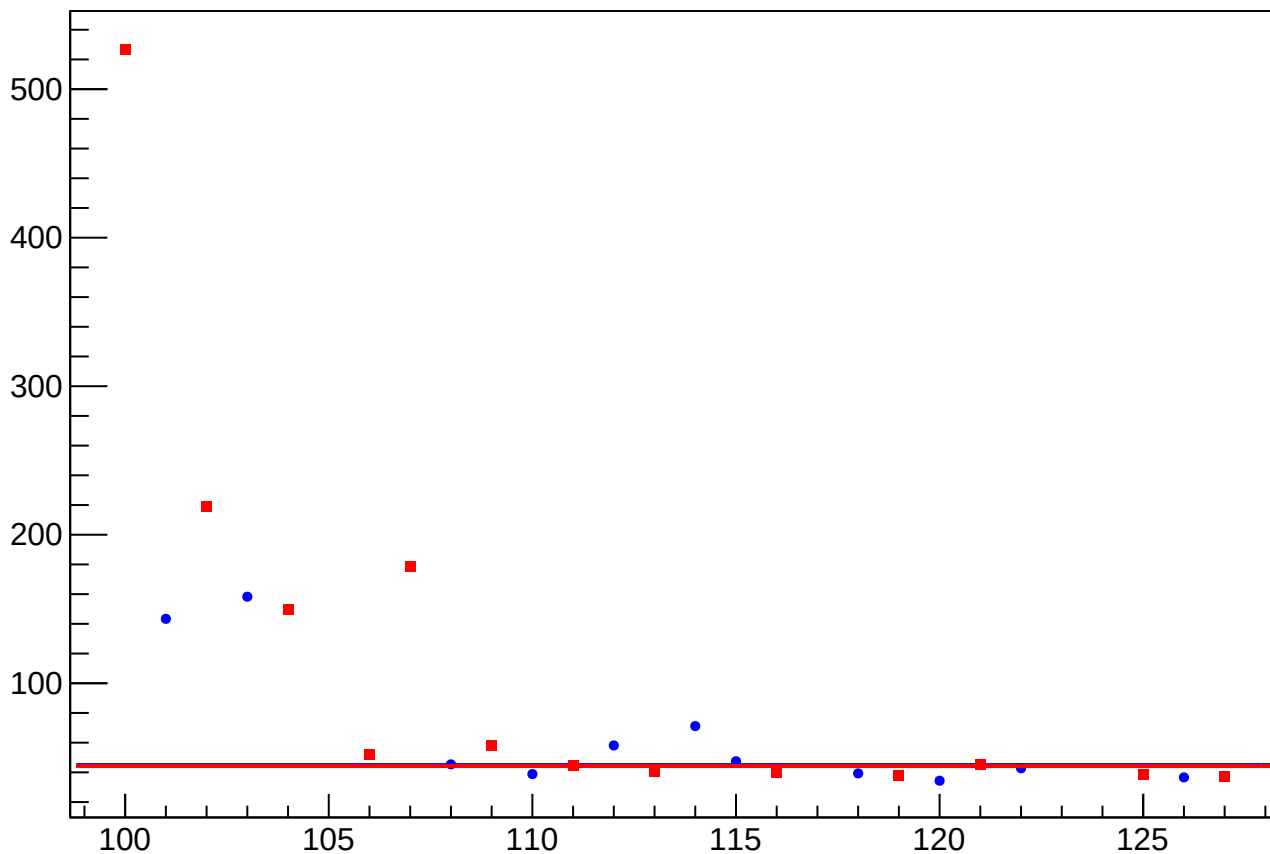
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.020 $\pm$ 0.017 χ^2 /NDF: 22.5/23

- 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: 44.897+/-0.018 χ^2/NDF : 1301710.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.250+/-0.017 χ^2/NDF : 1297066.5/12

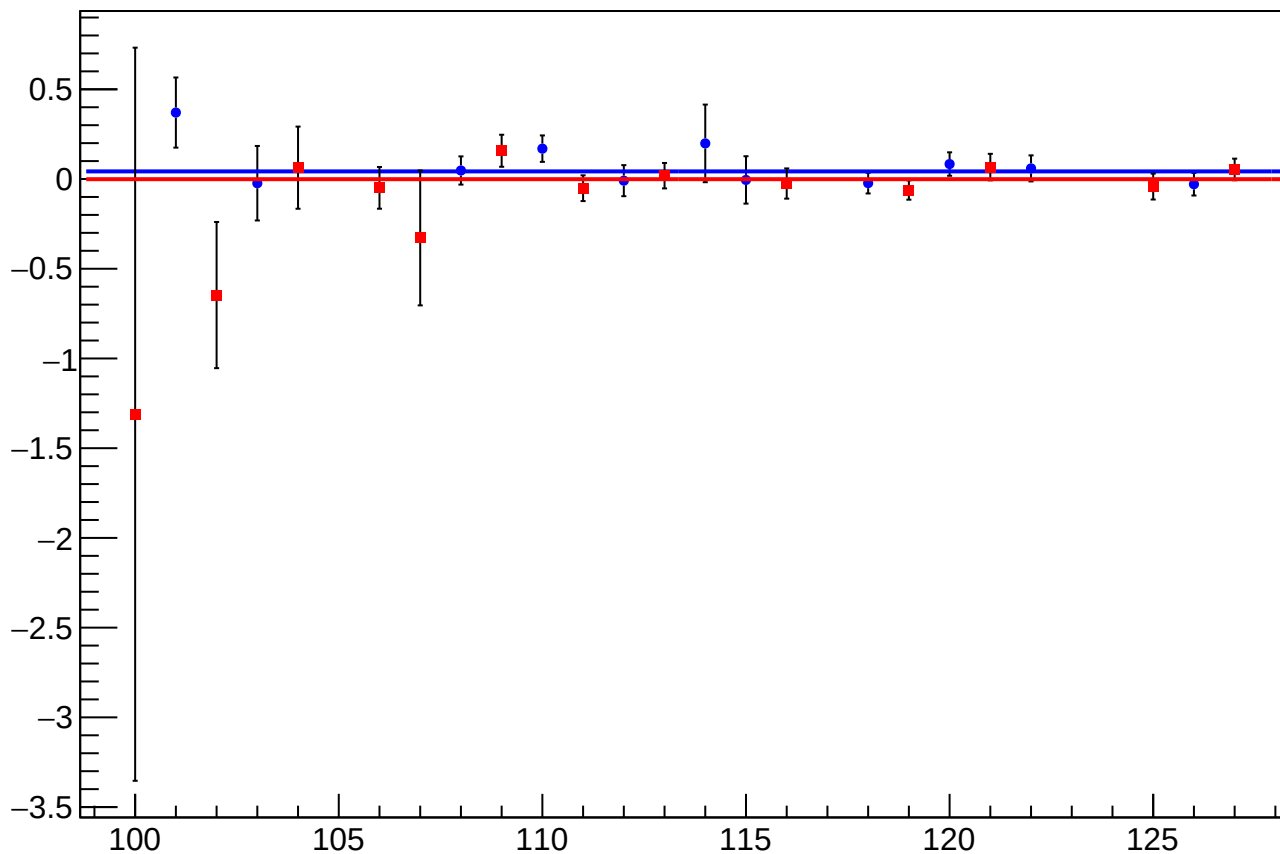
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.556+/-0.012 χ^2/NDF : 2599475.5/23

- 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: 0.043 $\pm$ 0.025 χ^2 /NDF: 9.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.001 $\pm$ 0.024 χ^2 /NDF: 11.0/12

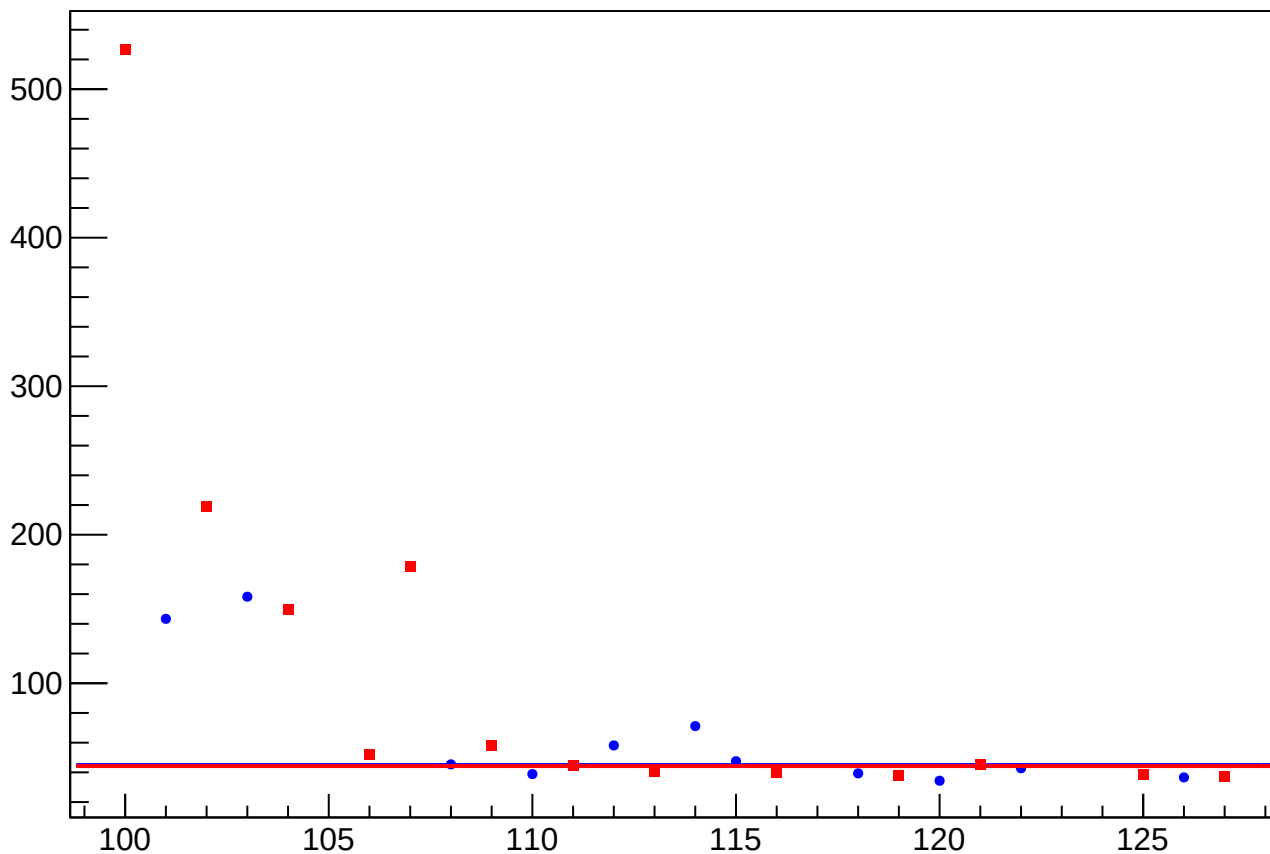
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.020 $\pm$ 0.017 χ^2 /NDF: 22.5/23

- 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: 44.897 $\pm$ 0.018 χ^2 /NDF: 1301710.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 44.250 $\pm$ 0.017 χ^2 /NDF: 1297066.5/12

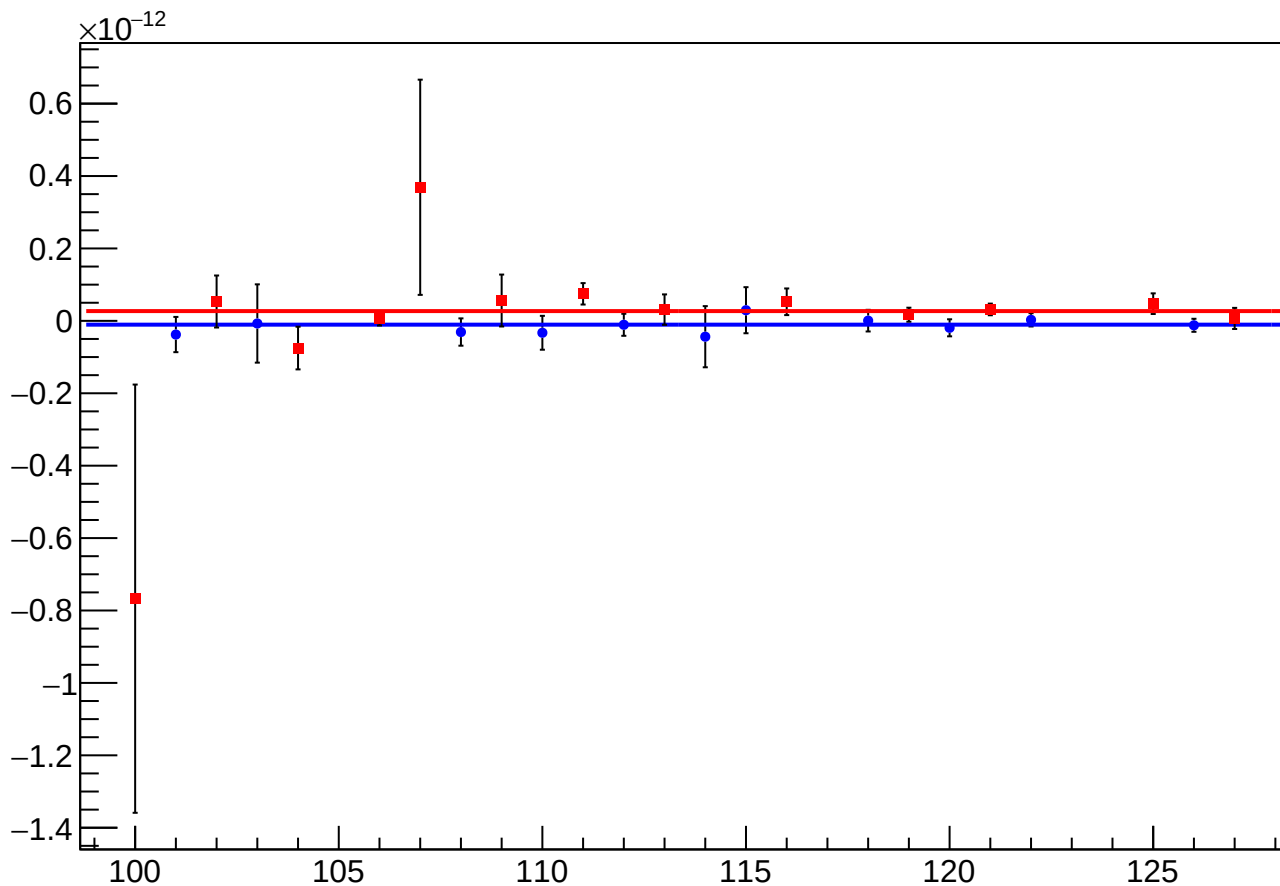
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 44.556 $\pm$ 0.012 χ^2 /NDF: 2599475.5/23

- sign 0.000 $\pm$ 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 +/- 0.000 χ^2/NDF : 2.2/10

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 +/- 0.000 χ^2/NDF : 11.9/12

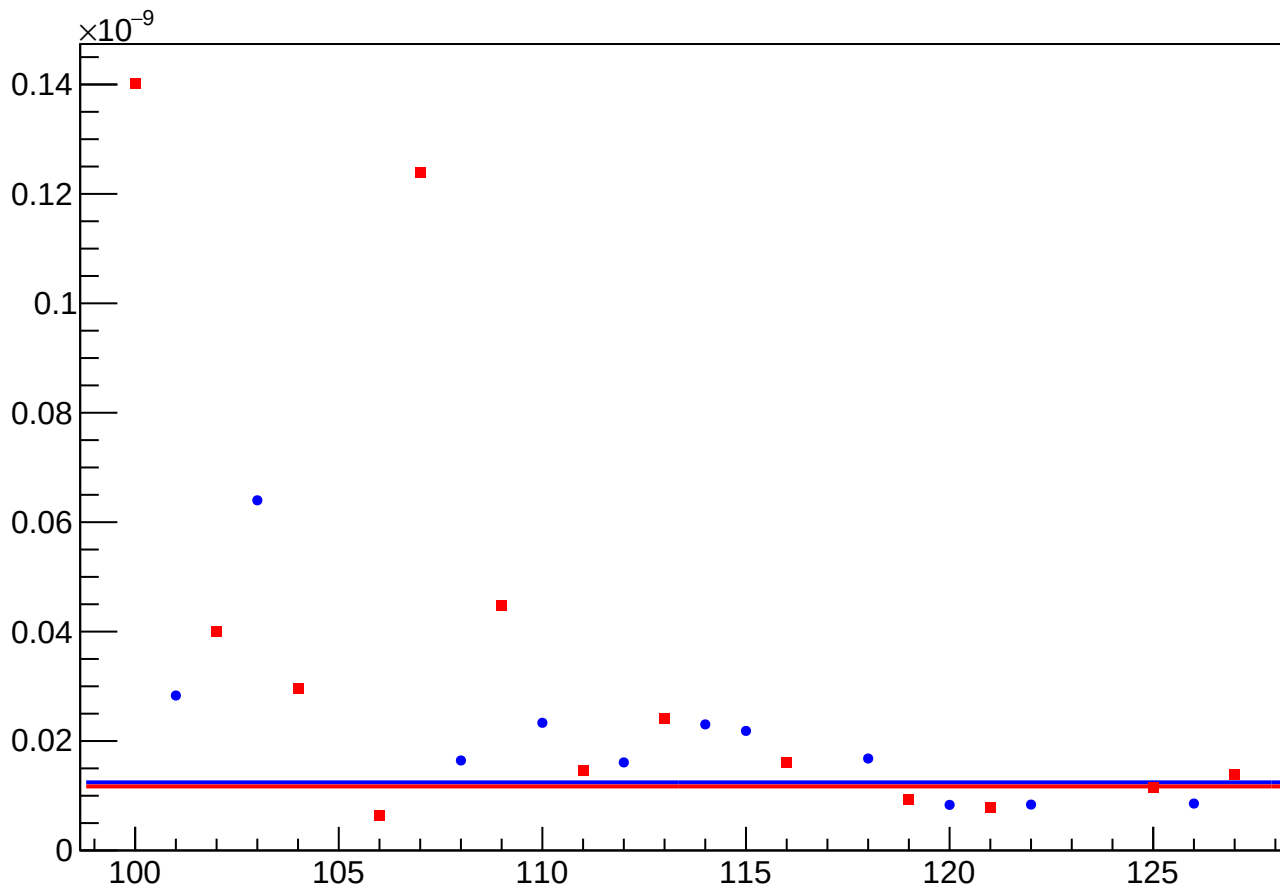
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 0.000 +/- 0.000 χ^2/NDF : 23.4/23

- sign 0.000 +/- 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 : 1196563.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1822630.4/12

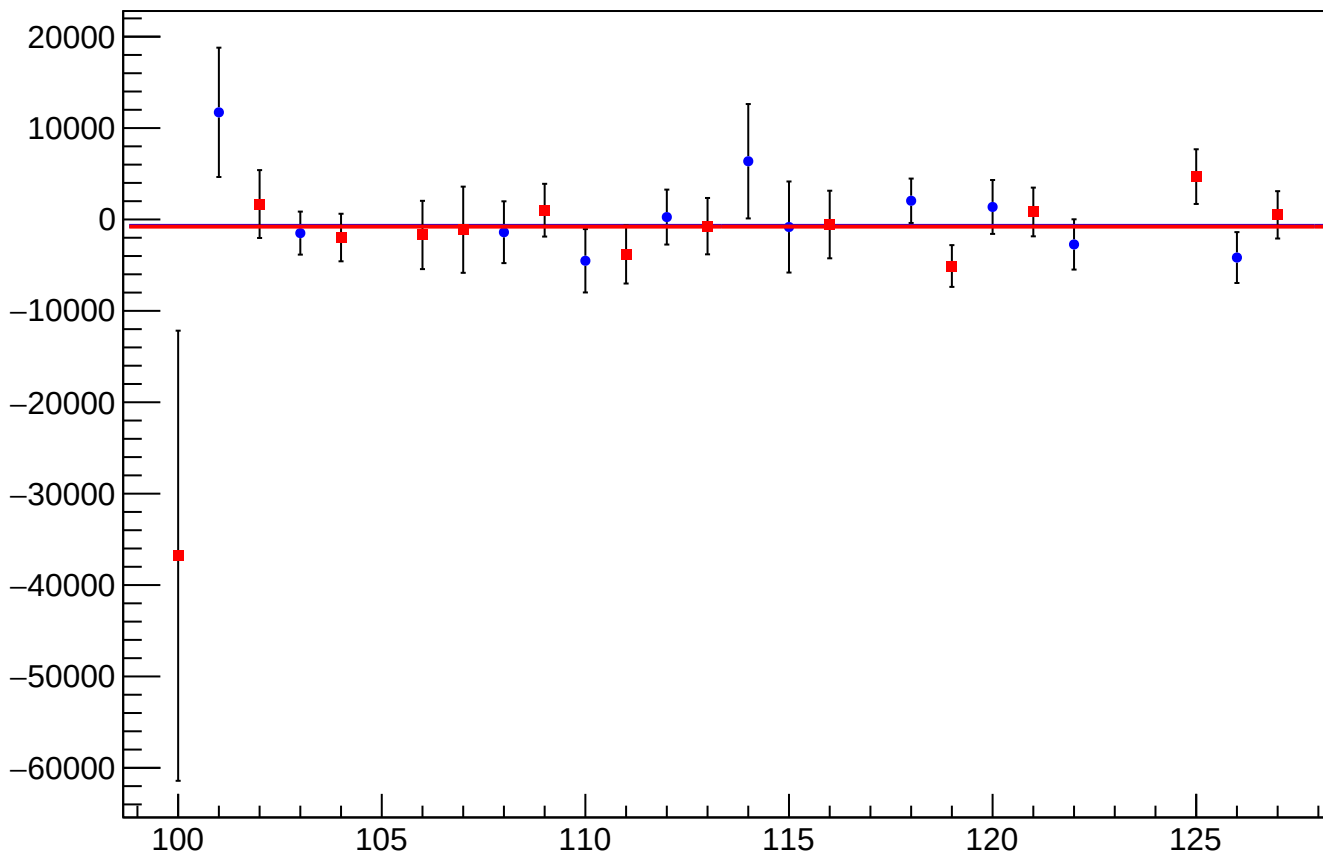
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3026473.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: -703.806+/-956.226 χ^2/NDF : 9.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -781.509+/-867.422 χ^2/NDF : 11.7/12

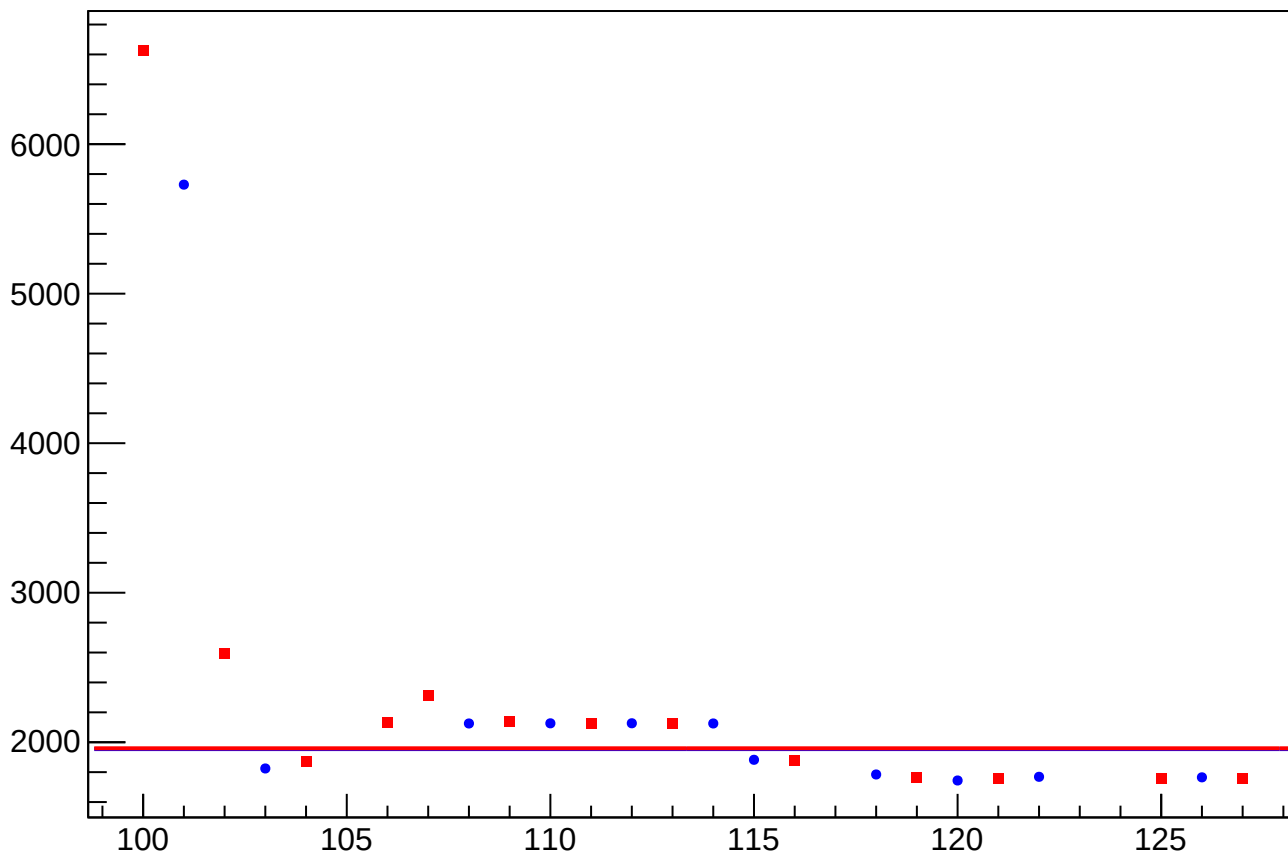
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -746.432+/-642.467 χ^2/NDF : 21.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 1954.332+/-0.676 χ^2/NDF : 632248.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1959.455+/-0.613 χ^2/NDF : 214926.5/12

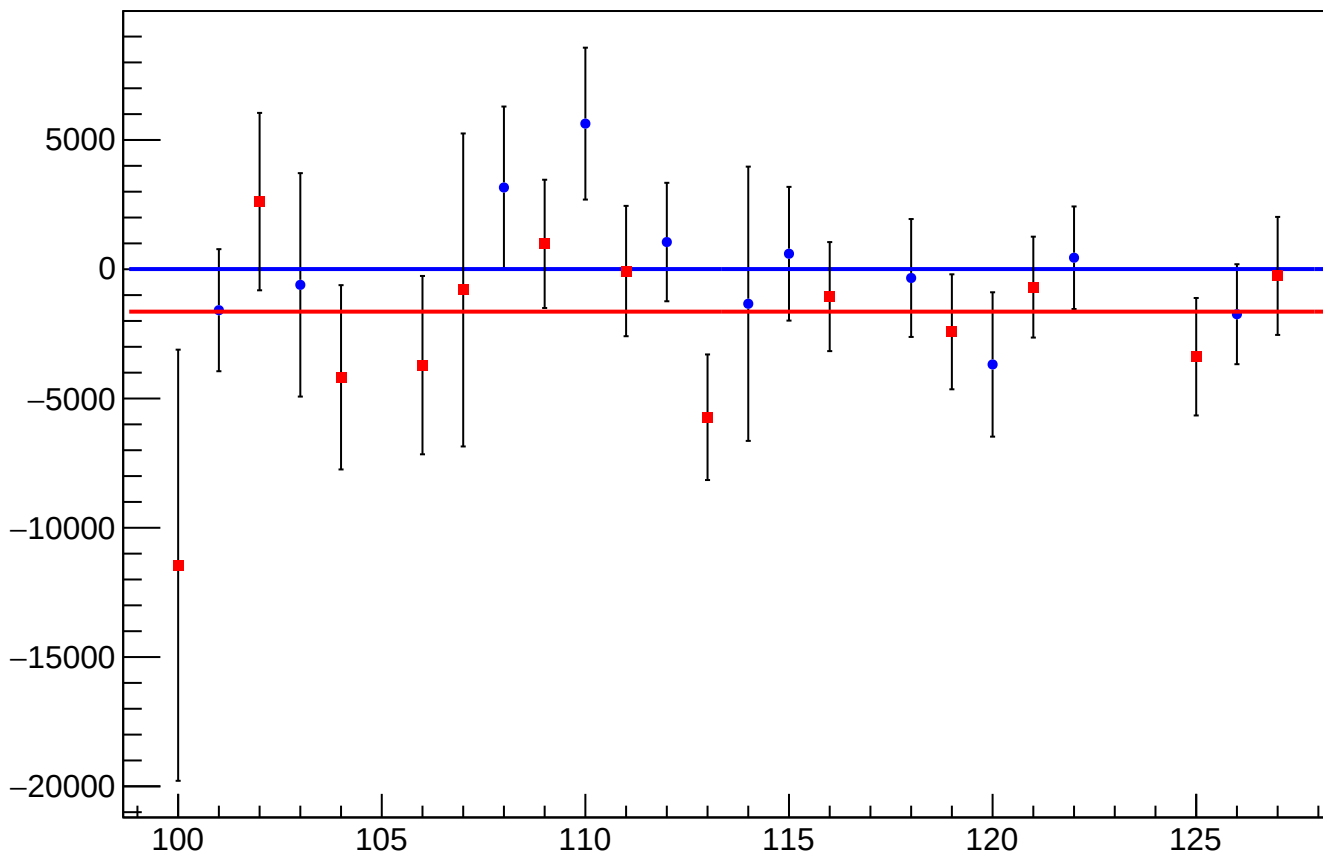
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1957.142+/-0.454 χ^2/NDF : 847206.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_reg_correction_mean vs Slug



Right In: 7.170+/-774.141 χ^2/NDF : 8.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1639.706+/-734.363 χ^2/NDF : 9.5/12

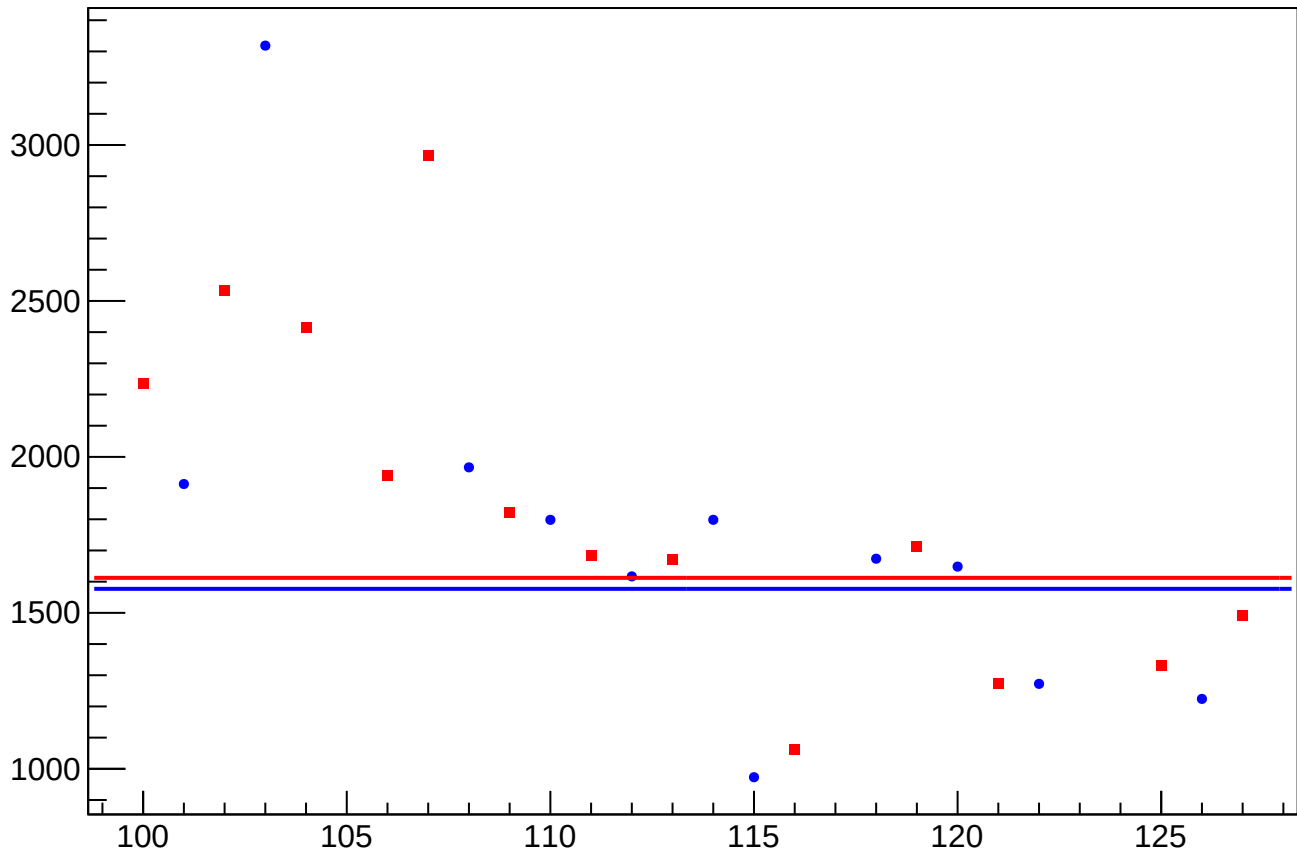
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -859.665+/-532.781 χ^2/NDF : 20.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_reg_correction_rms vs Slug



Right In: 1576.995 $\pm$ 0.547 χ^2 /NDF: 639495.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1612.253 $\pm$ 0.519 χ^2 /NDF: 628186.7/12

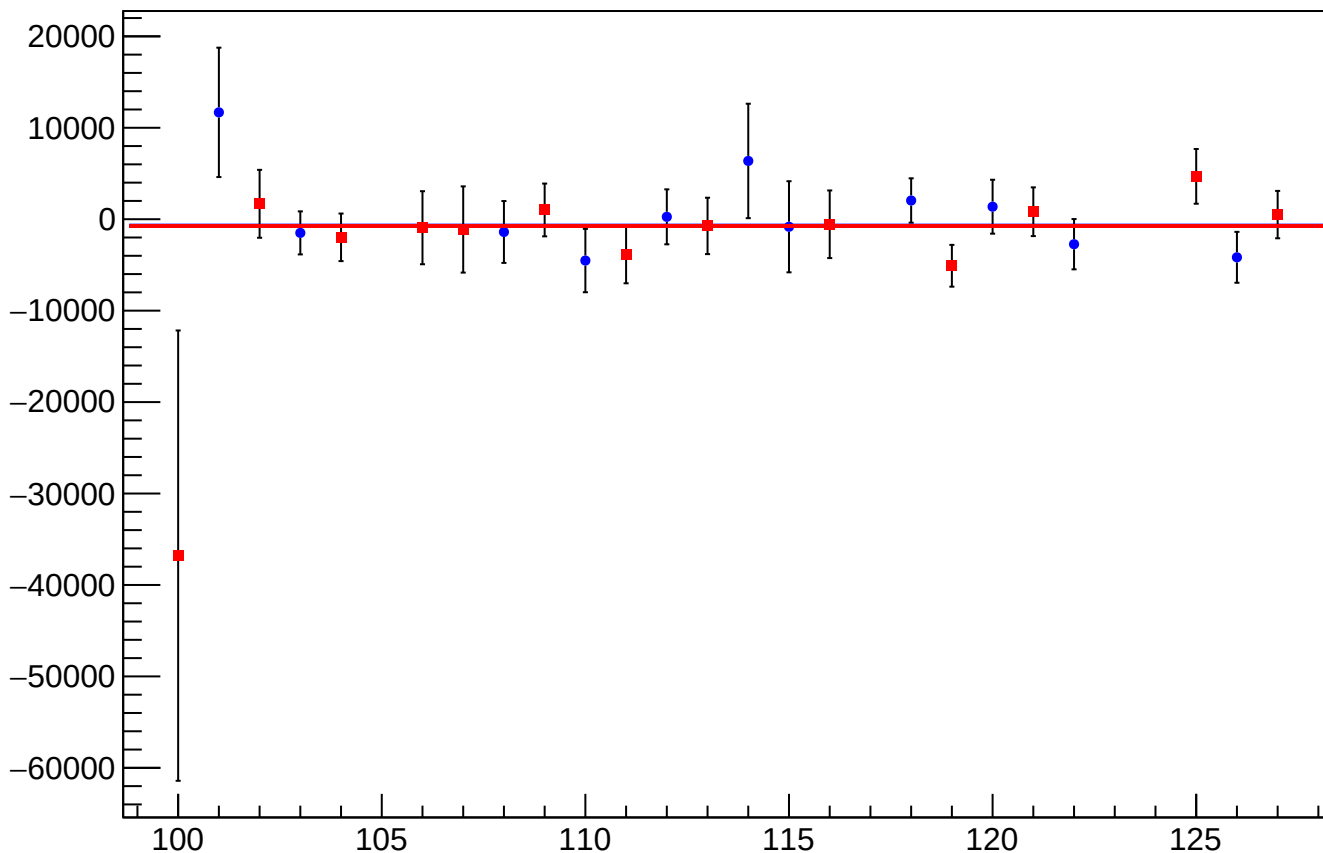
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1595.553 $\pm$ 0.377 χ^2 /NDF: 1269865.8/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: -705.002+/-956.226 χ^2 /NDF: 9.7/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -739.823+/-870.368 χ^2 /NDF: 11.6/12

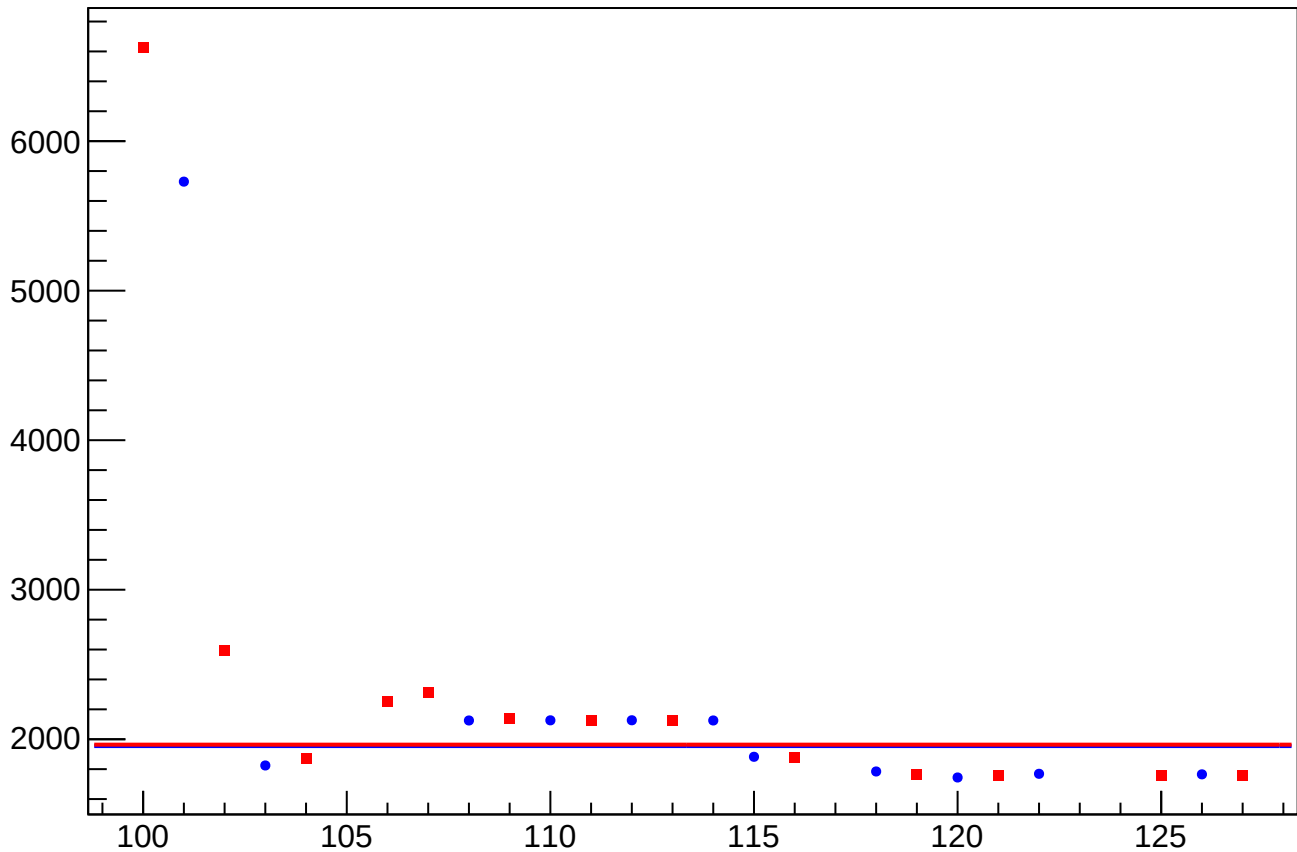
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -724.046+/-643.661 χ^2 /NDF: 21.3/23

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 1954.332+/-0.676 χ^2/NDF : 632248.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

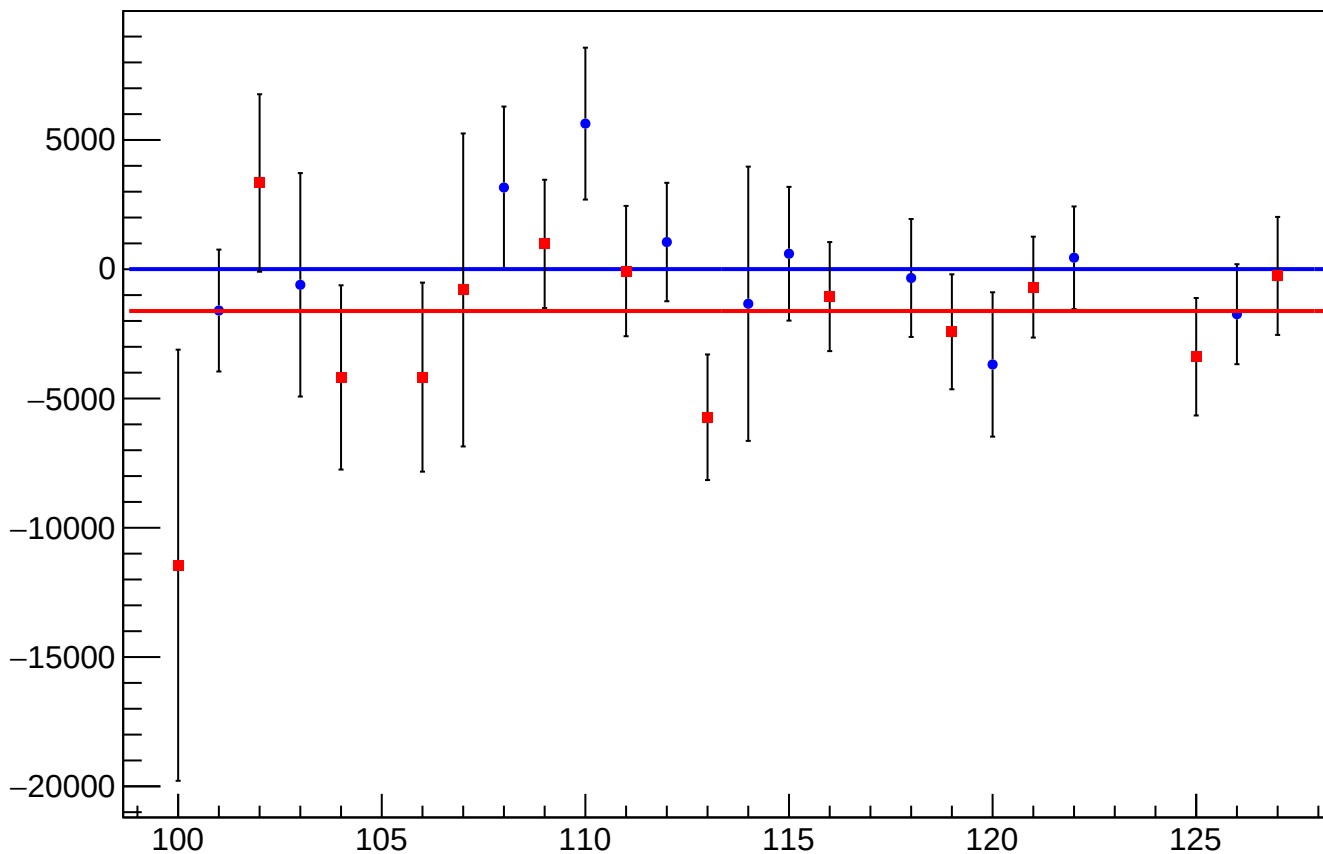
Right Out: 1963.819+/-0.615 χ^2/NDF : 221107.2/12

All: 1959.520+/-0.455 χ^2/NDF : 853463.1/23

- 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_cor_correction_mean vs Slug



Right In: 5.433+/-774.029 χ^2/NDF : 8.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1615.647+/-736.201 χ^2/NDF : 10.2/12

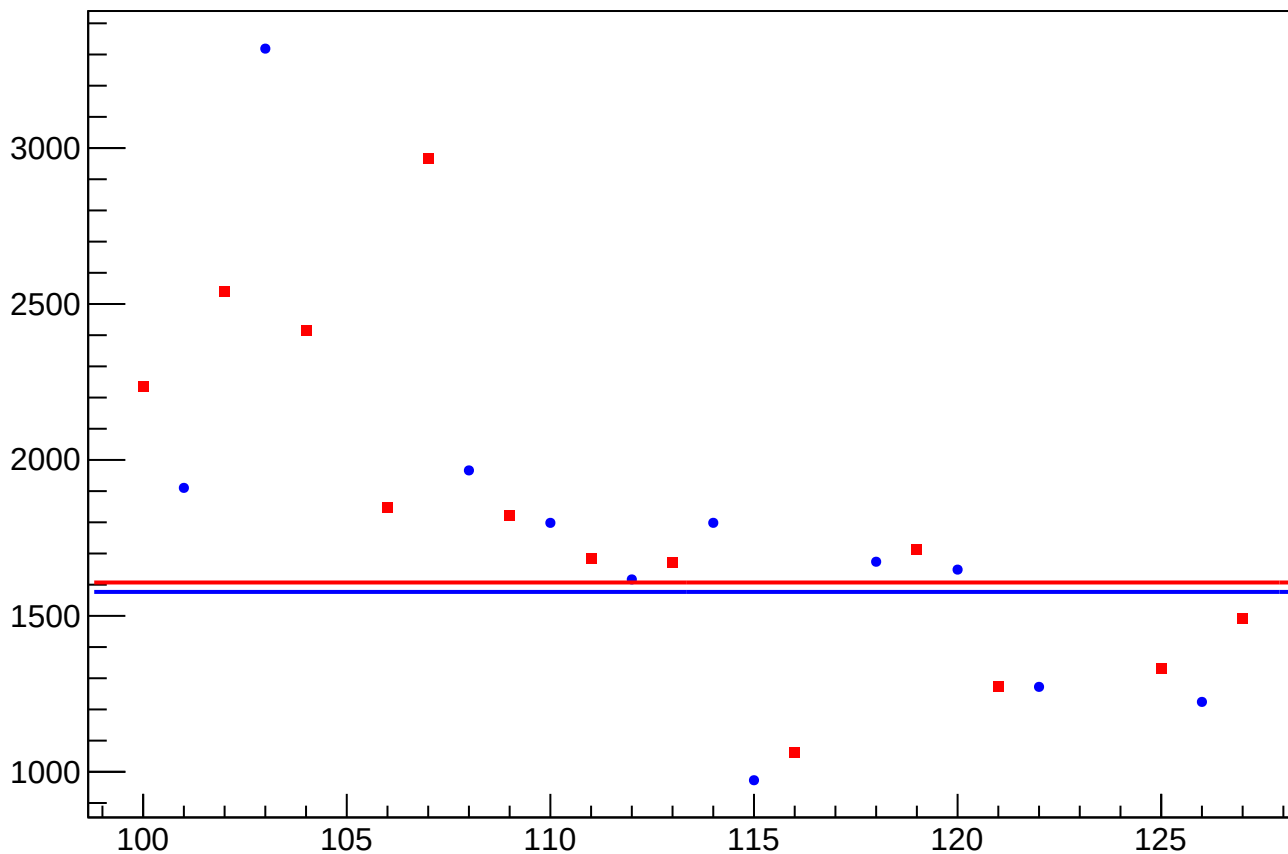
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -845.686+/-533.445 χ^2/NDF : 20.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_cor_correction_rms vs Slug



Right In: 1576.809+/-0.547 χ^2/NDF : 639022.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1607.047+/-0.521 χ^2/NDF : 619980.8/12

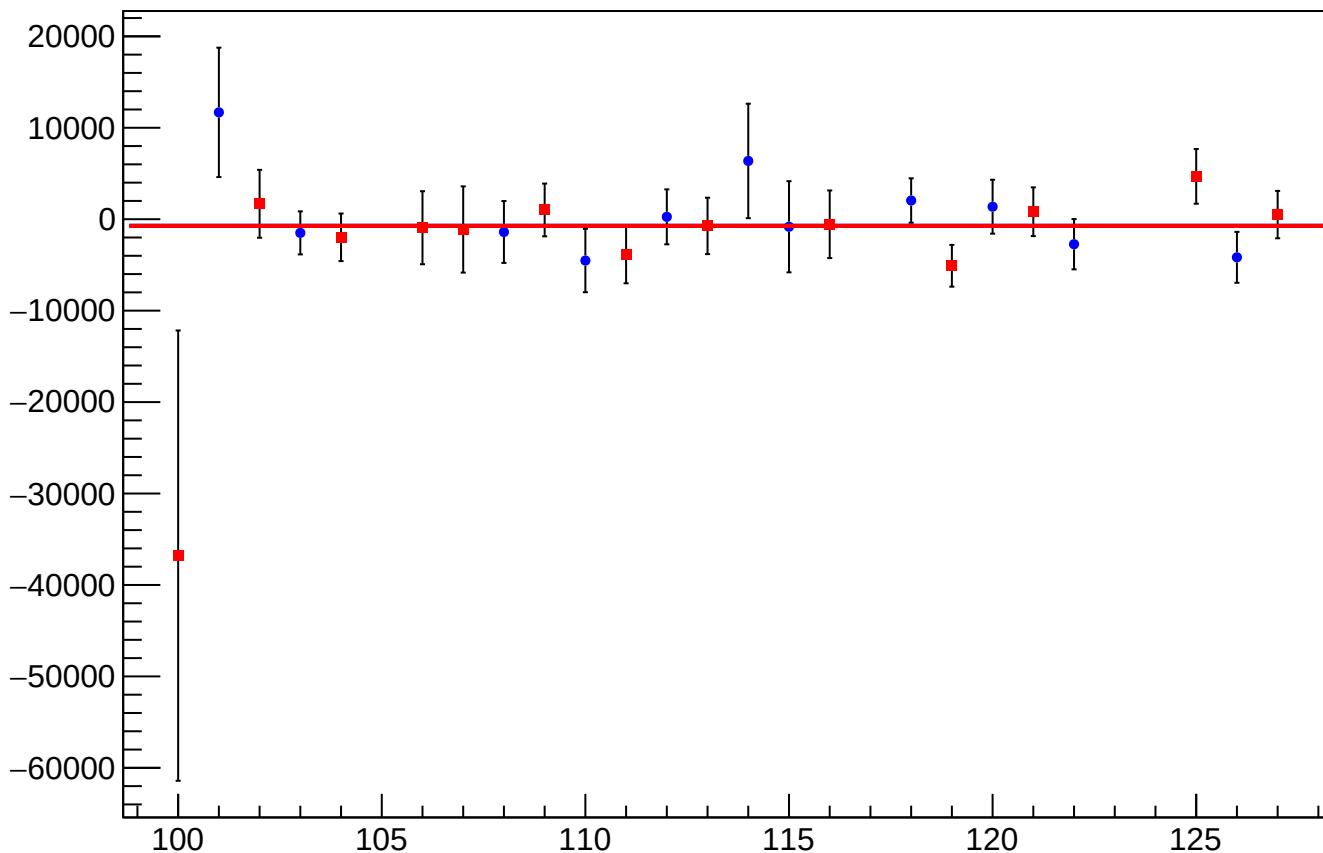
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1592.685+/-0.377 χ^2/NDF : 1260606.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: -705.002+/-956.226 χ^2 /NDF: 9.7/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -739.823+/-870.368 χ^2 /NDF: 11.6/12

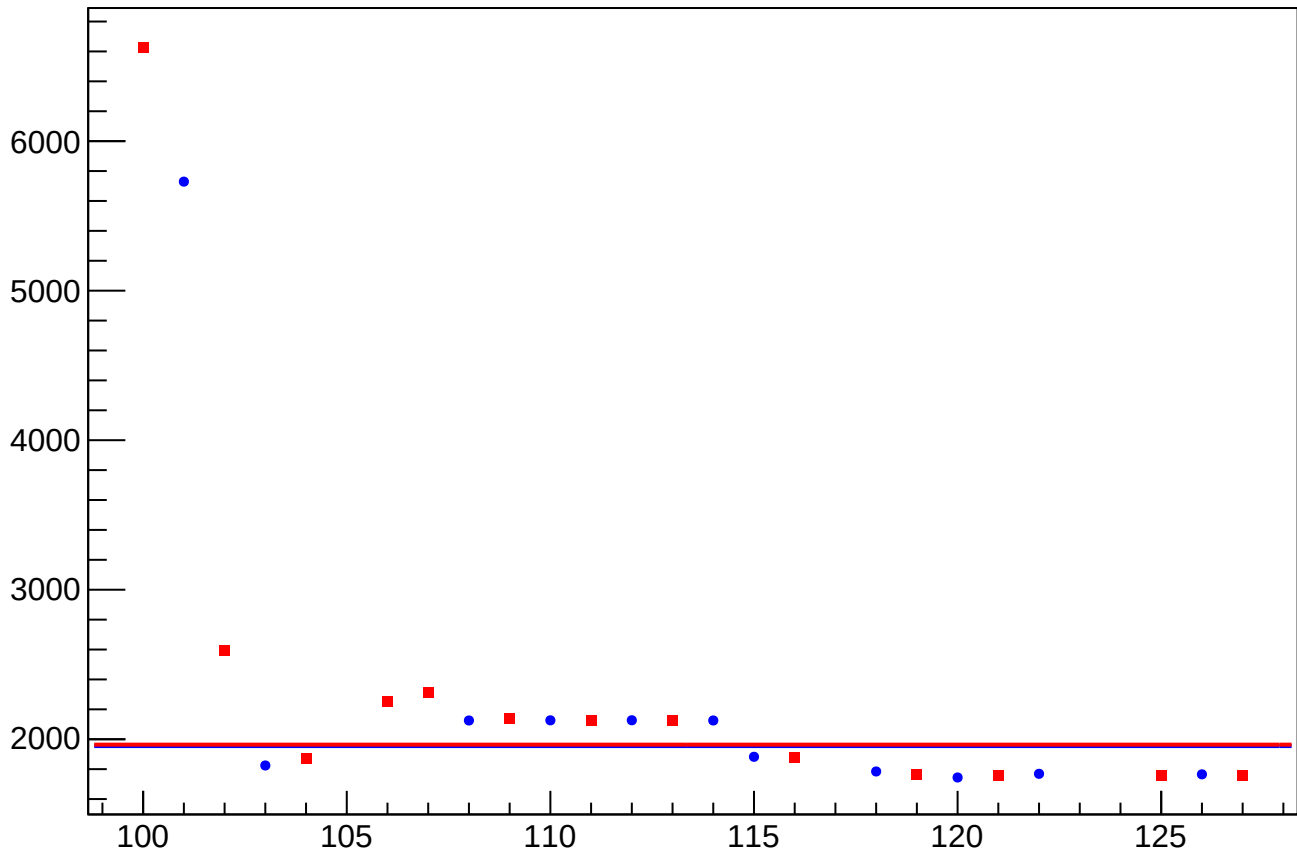
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -724.046+/-643.661 χ^2 /NDF: 21.3/23

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 1954.332+/-0.676 χ^2/NDF : 632248.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

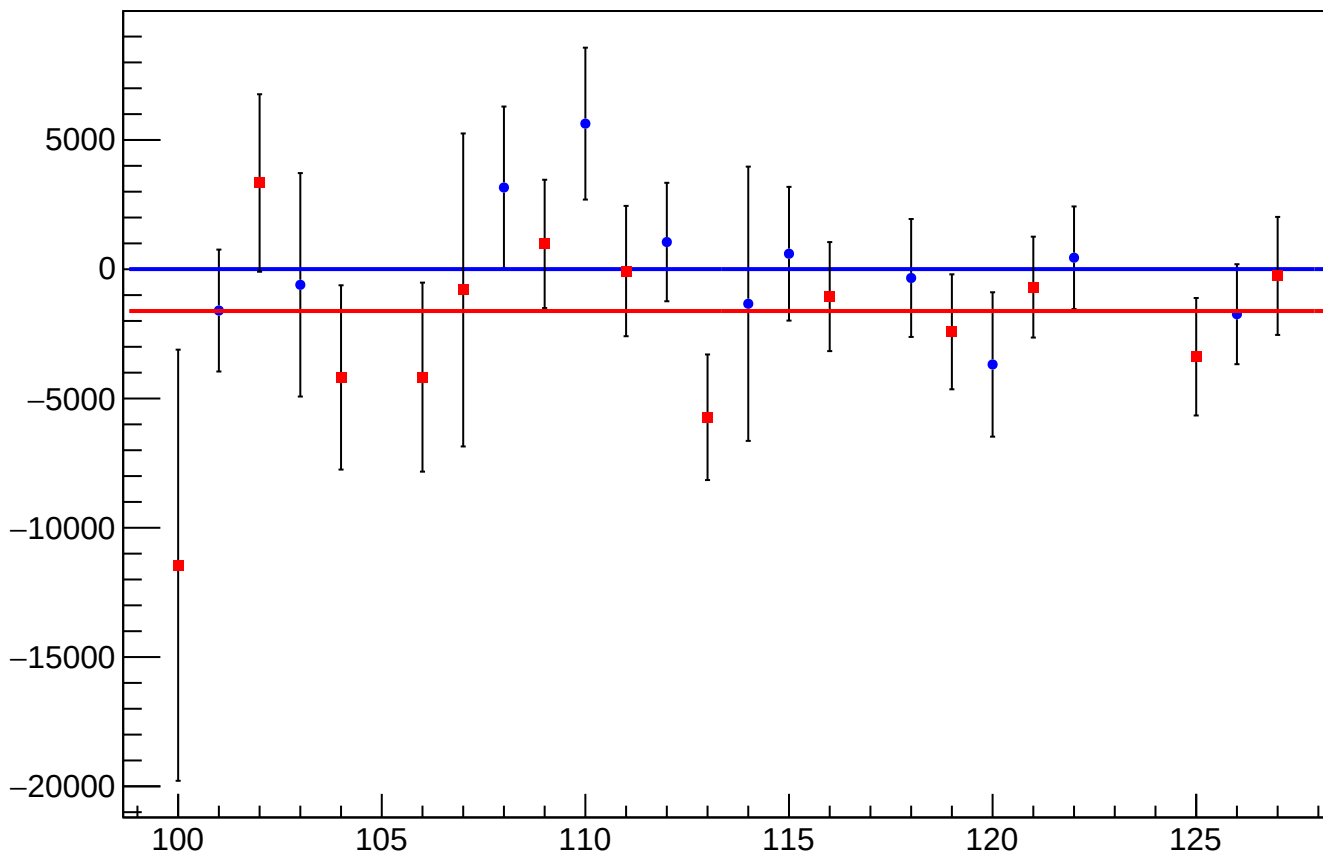
Right Out: 1963.819+/-0.615 χ^2/NDF : 221107.2/12

All: 1959.520+/-0.455 χ^2/NDF : 853463.1/23

- 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_eigen_cor_correction_mean vs Slug



Right In: 5.433+/-774.029 χ^2/NDF : 8.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1615.647+/-736.201 χ^2/NDF : 10.2/12

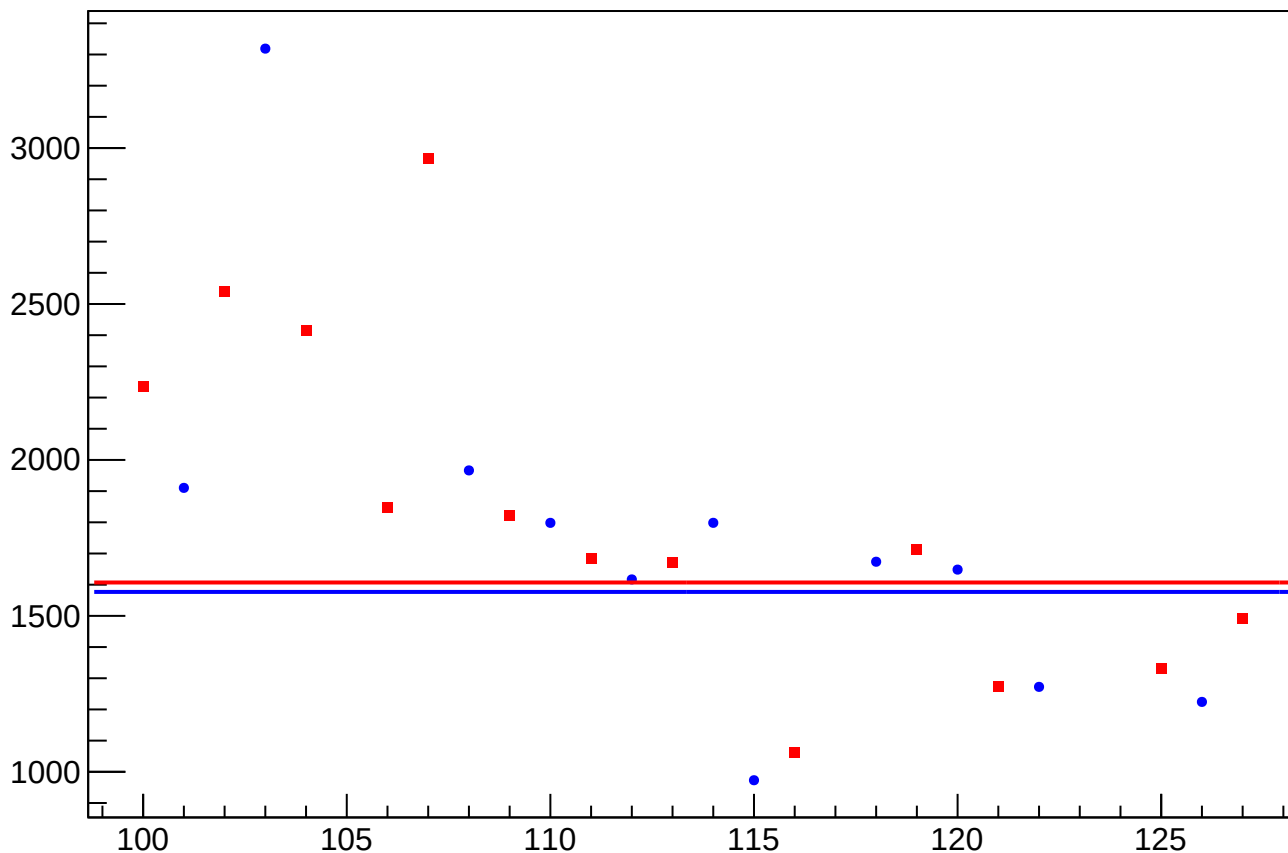
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -845.686+/-533.445 χ^2/NDF : 20.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_rms vs Slug



Right In: 1576.809+/-0.547 χ^2/NDF : 639022.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1607.047+/-0.521 χ^2/NDF : 619980.8/12

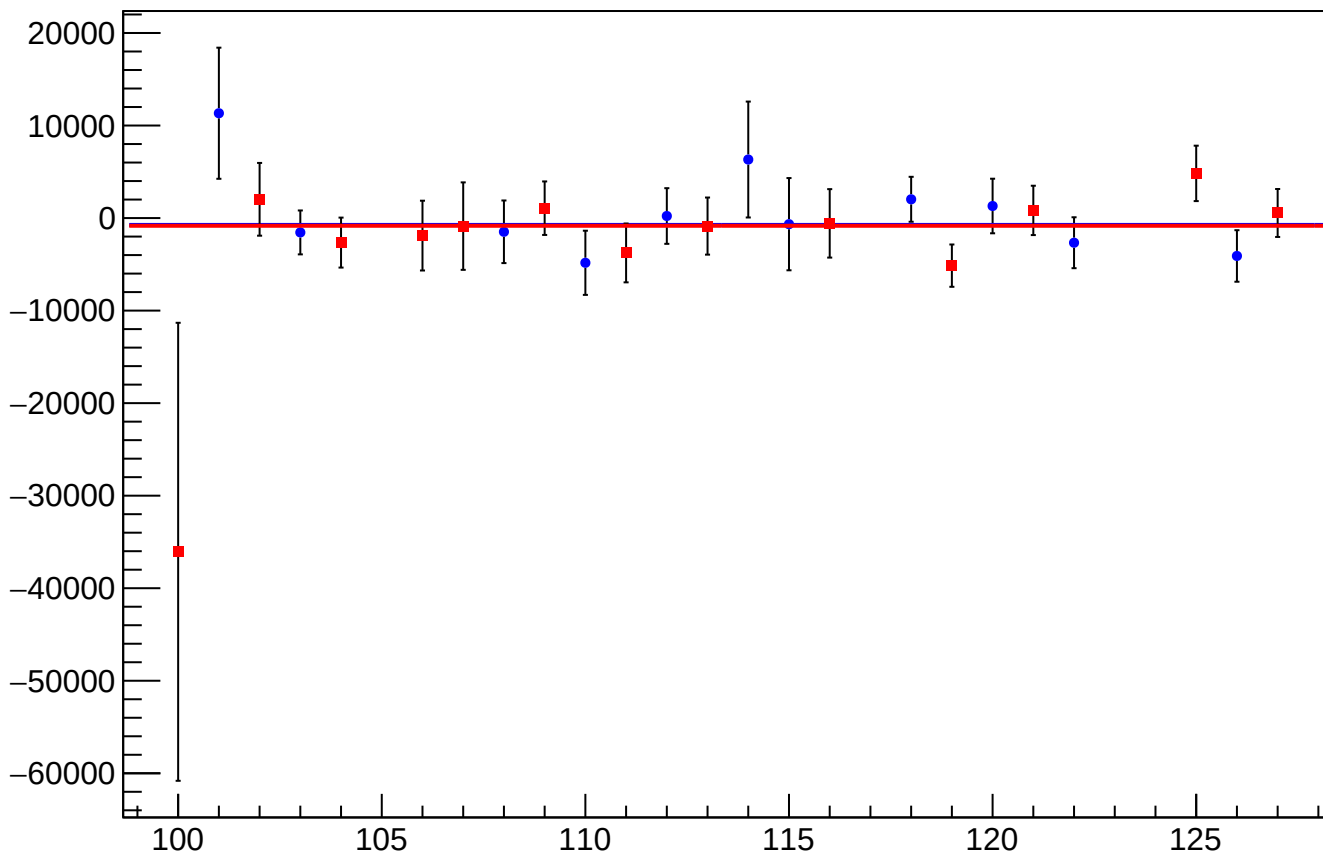
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1592.685+/-0.377 χ^2/NDF : 1260606.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: -741.751+/-957.837 χ^2/NDF : 9.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -832.255+/-874.445 χ^2/NDF : 12.2/12

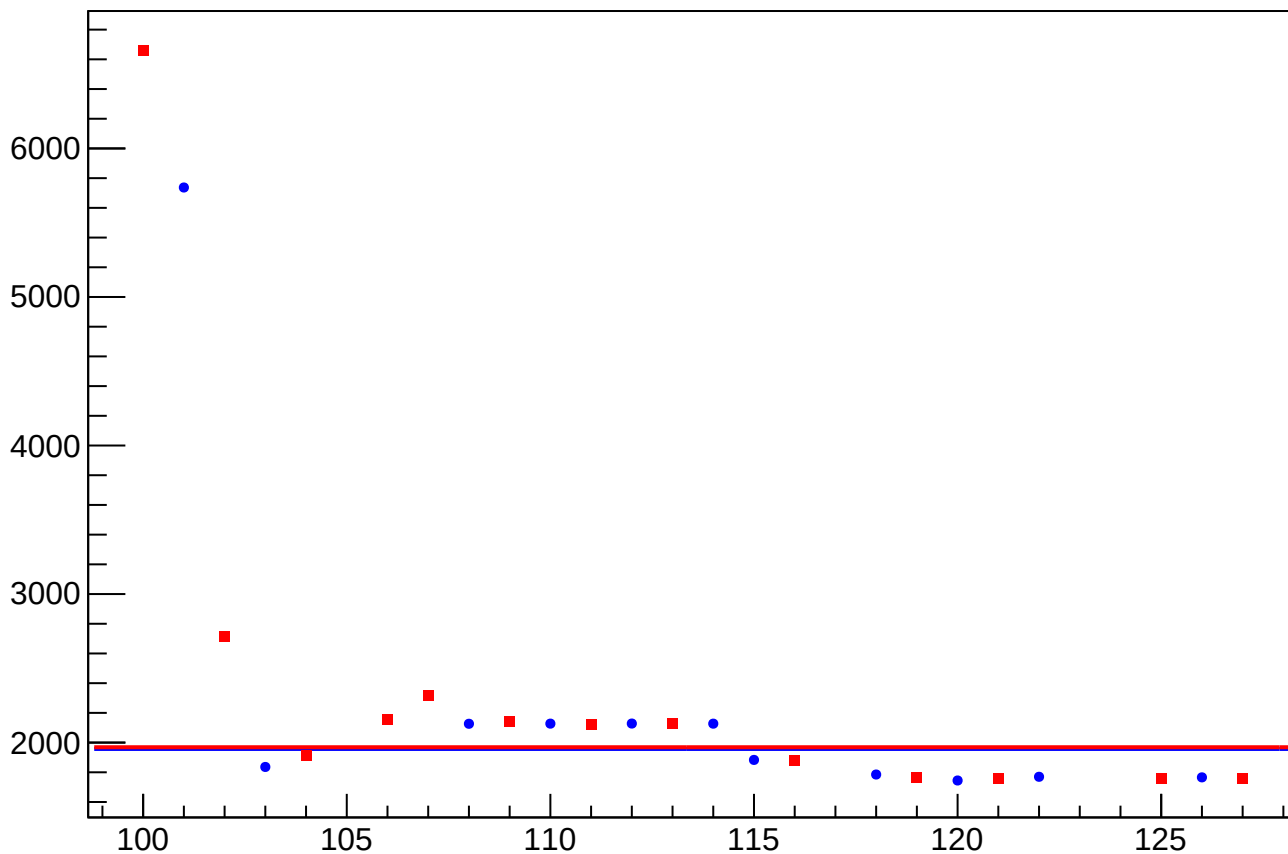
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -791.114+/-645.799 χ^2/NDF : 21.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 1957.182+/-0.677 χ^2/NDF : 631877.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

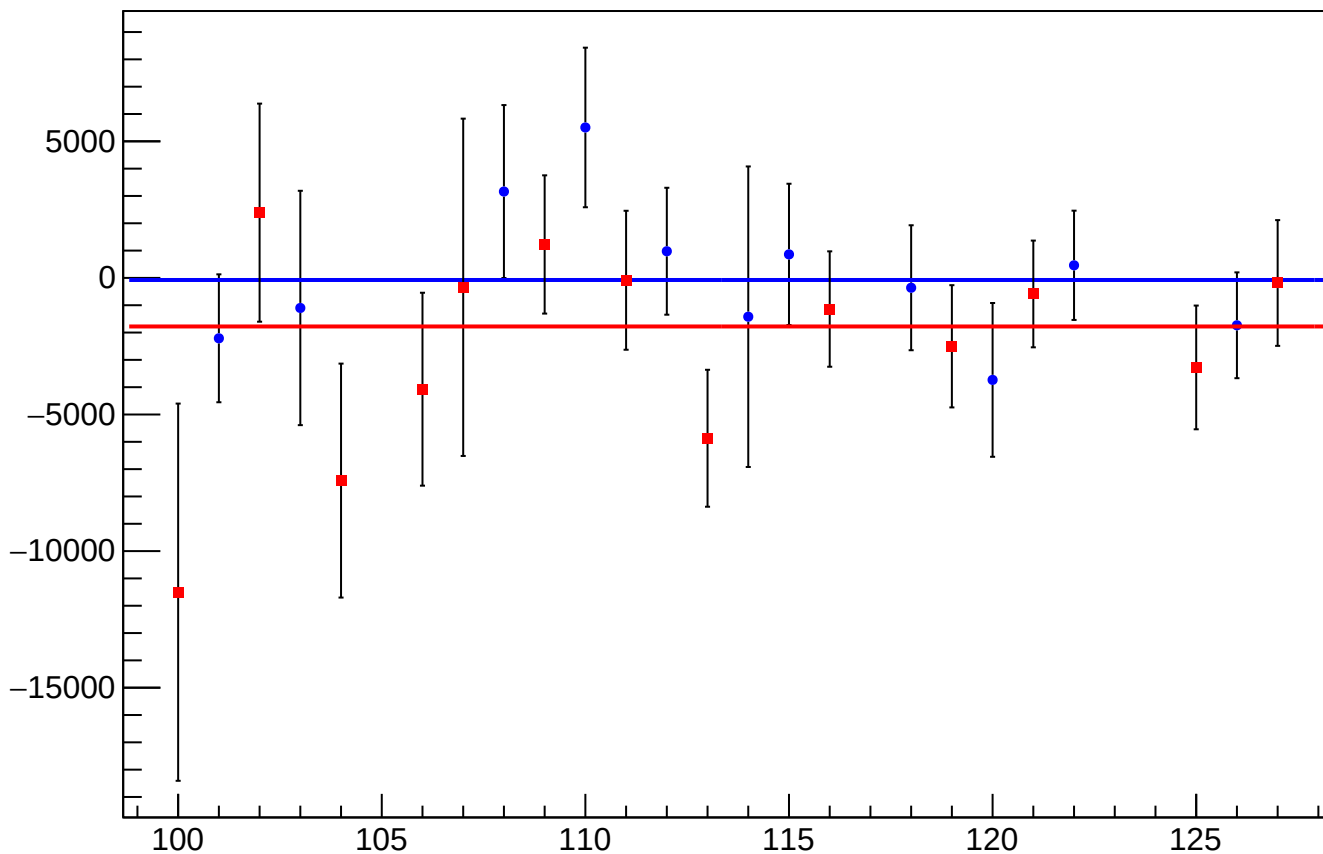
Right Out: 1968.658+/-0.618 χ^2/NDF : 229709.1/12

All: 1963.441+/-0.457 χ^2/NDF : 861742.9/23

- 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_dit_correction_mean vs Slug



Right In: -76.143+/-777.134 χ^2/NDF : 8.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1777.396+/-748.596 χ^2/NDF : 11.3/12

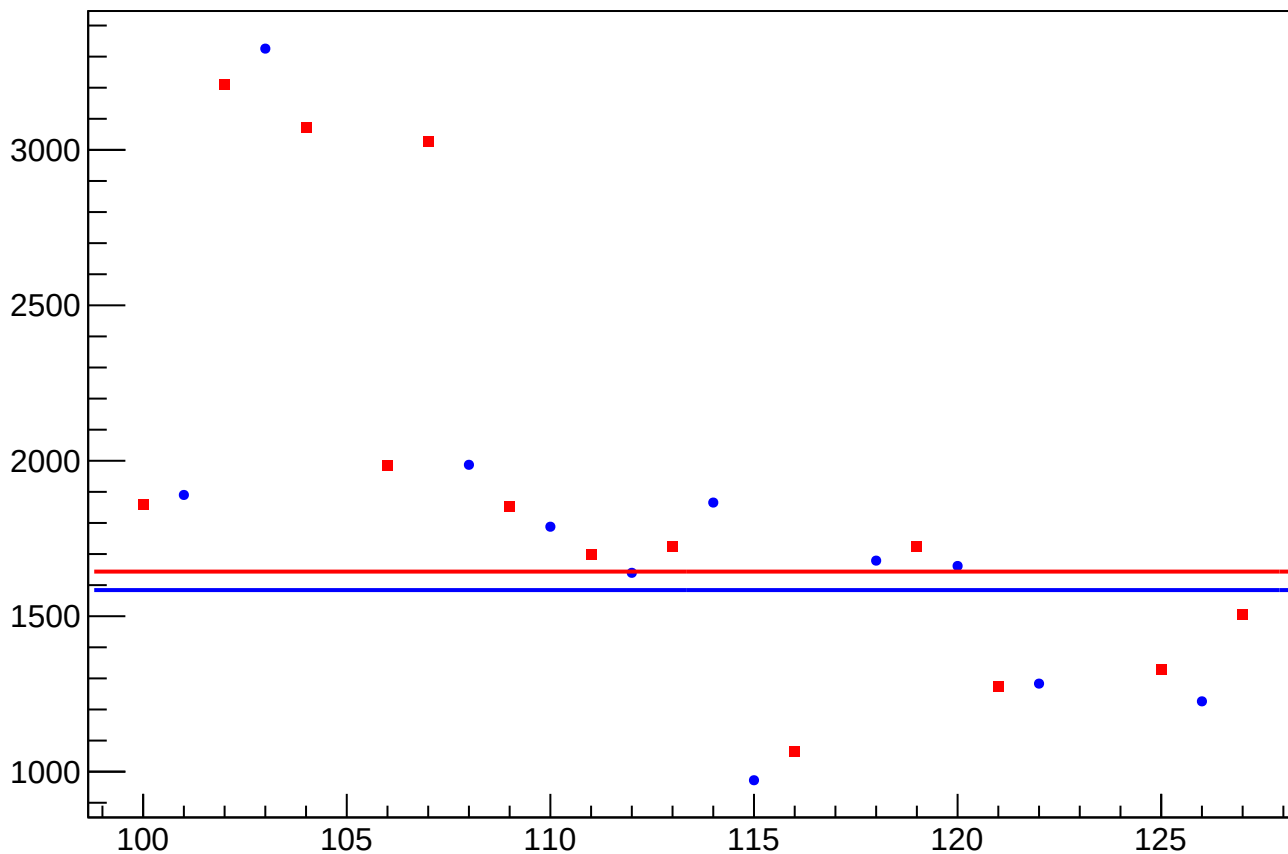
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -958.580+/-539.144 χ^2/NDF : 22.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_dit_correction_rms vs Slug



Right In: 1584.070+/-0.550 χ^2/NDF : 642920.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1643.553+/-0.529 χ^2/NDF : 938265.0/12

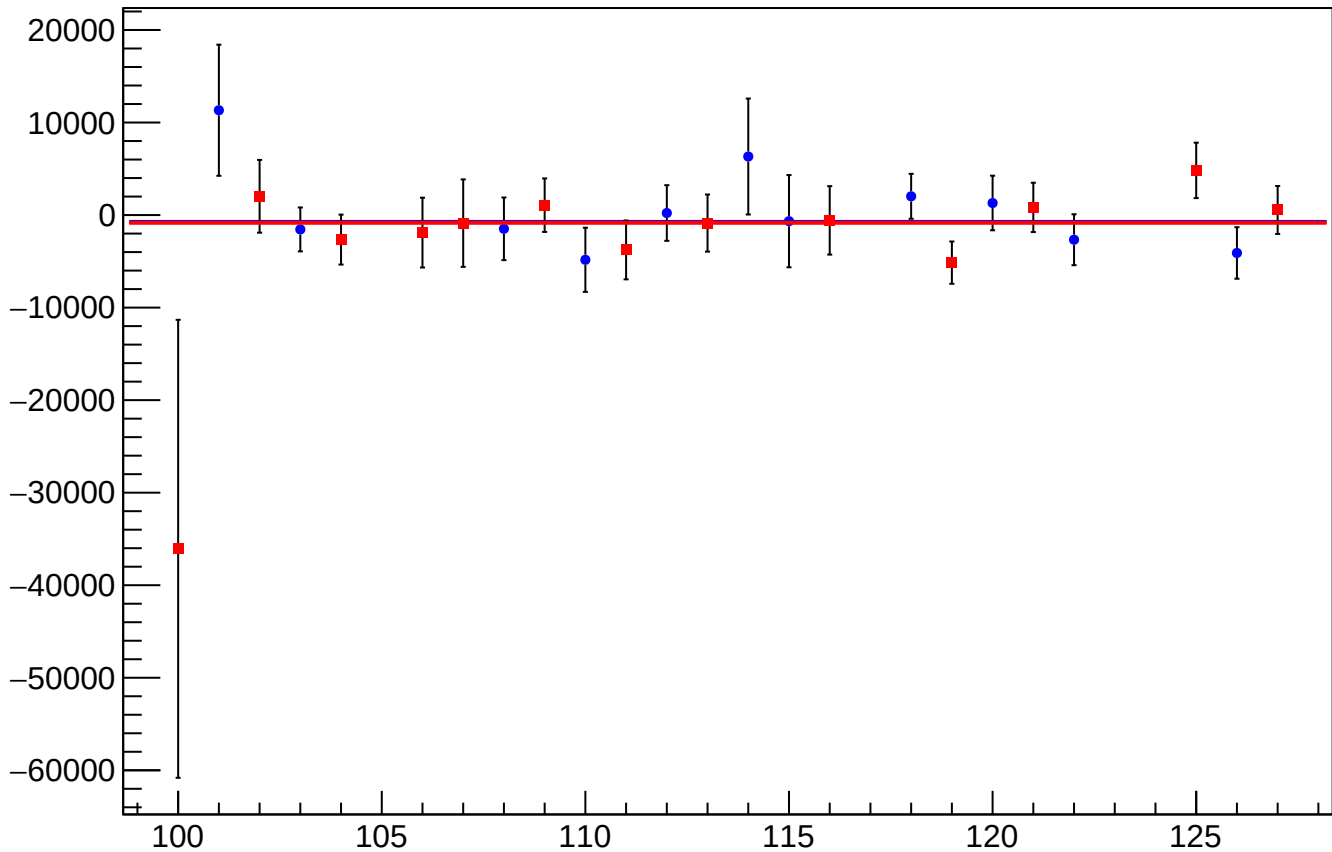
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1614.924+/-0.381 χ^2/NDF : 1587262.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: -741.749+/-957.837 χ^2 /NDF: 9.6/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -832.255+/-874.445 χ^2 /NDF: 12.2/12

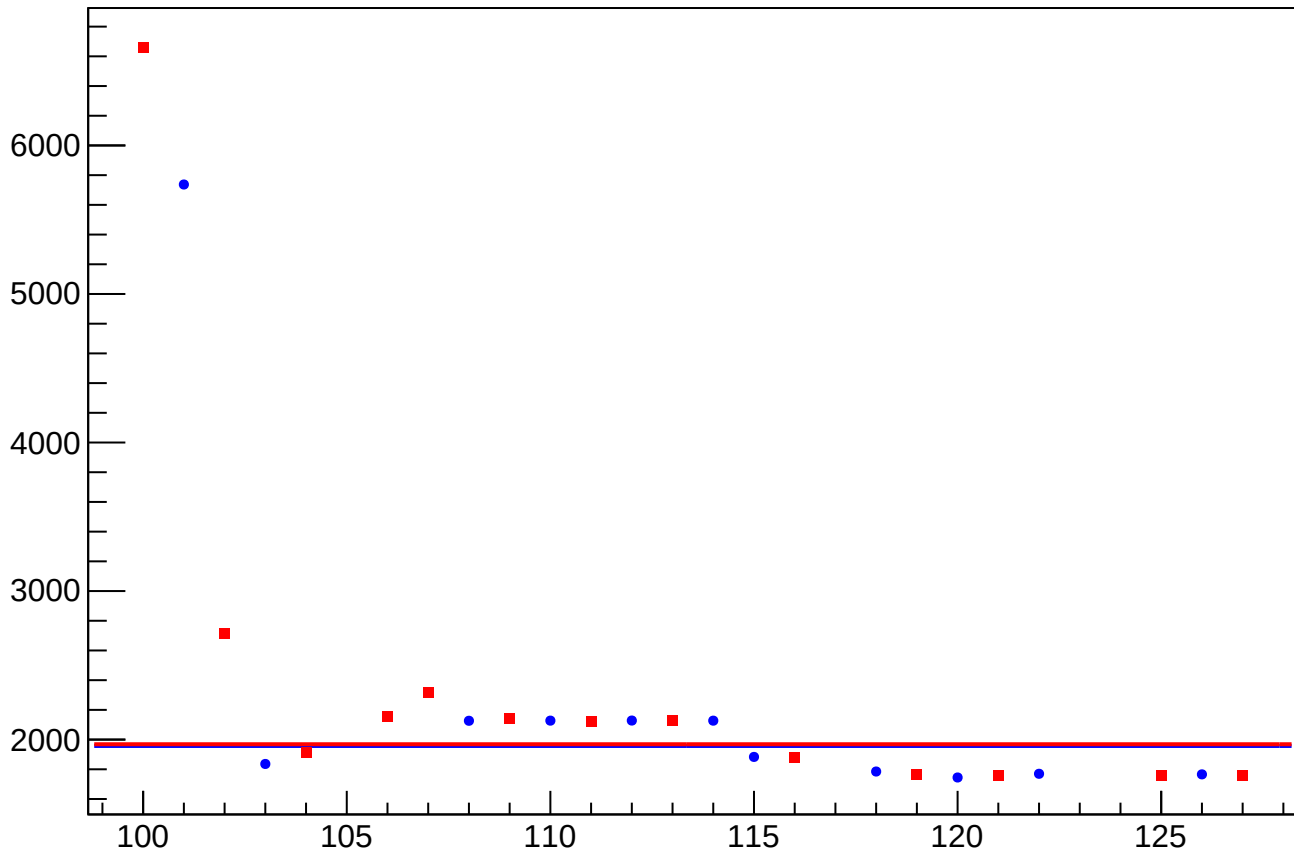
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -791.113+/-645.799 χ^2 /NDF: 21.7/23

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 1957.181+/-0.677 χ^2/NDF : 631877.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1968.658+/-0.618 χ^2/NDF : 229709.0/12

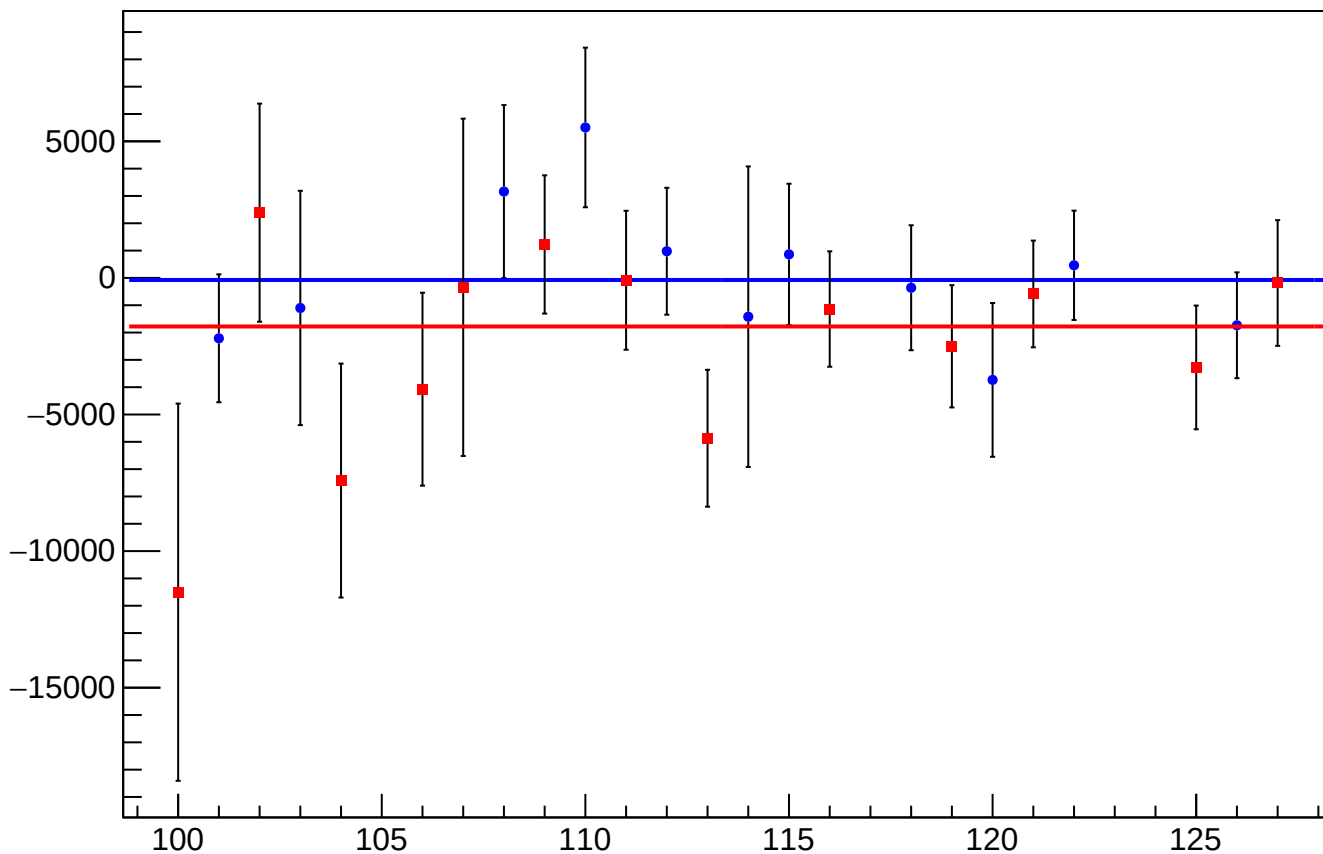
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1963.441+/-0.457 χ^2/NDF : 861742.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_mean vs Slug



Right In: -76.140+/-777.133 χ^2/NDF : 8.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1777.393+/-748.595 χ^2/NDF : 11.3/12

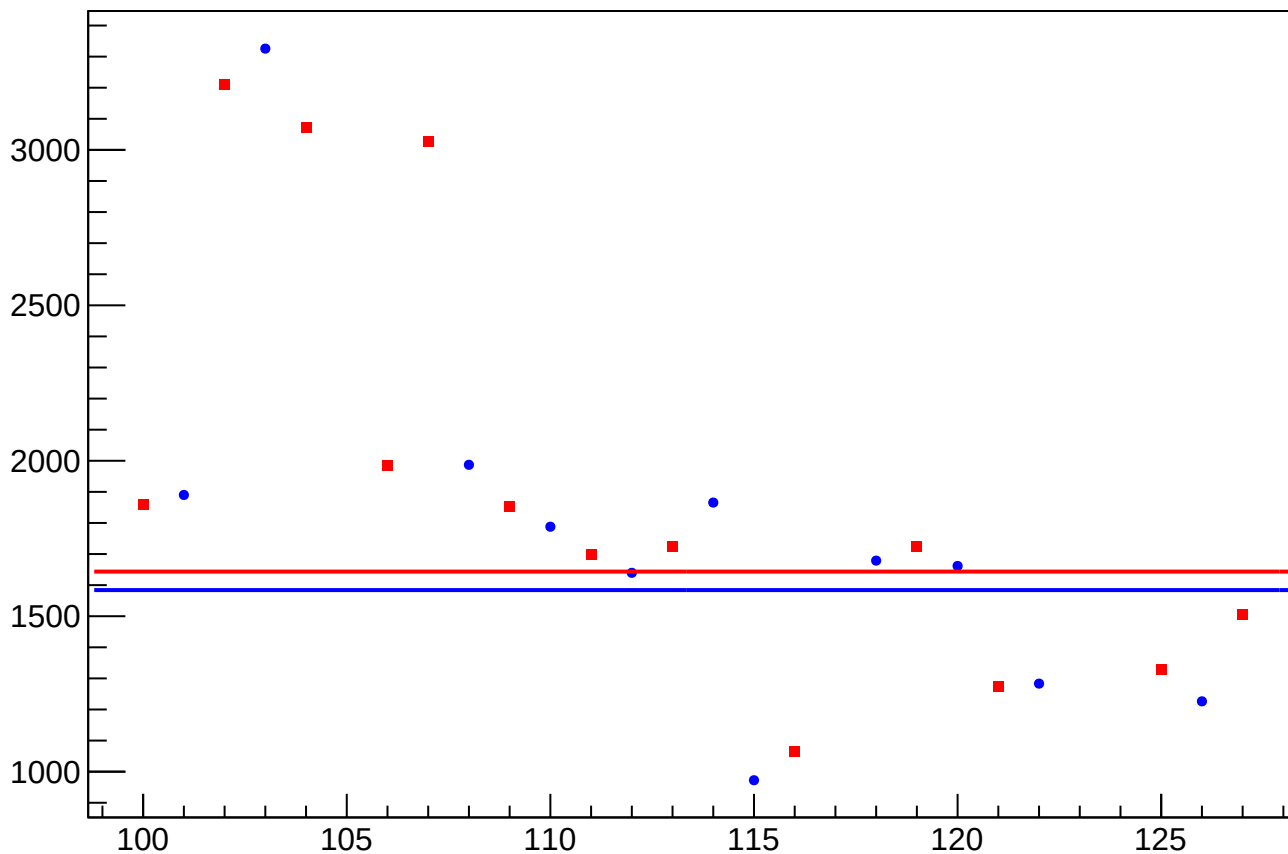
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -958.576+/-539.143 χ^2/NDF : 22.3/23

- 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: 1584.067+/-0.550 χ^2/NDF : 642921.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1643.550+/-0.529 χ^2/NDF : 938270.2/12

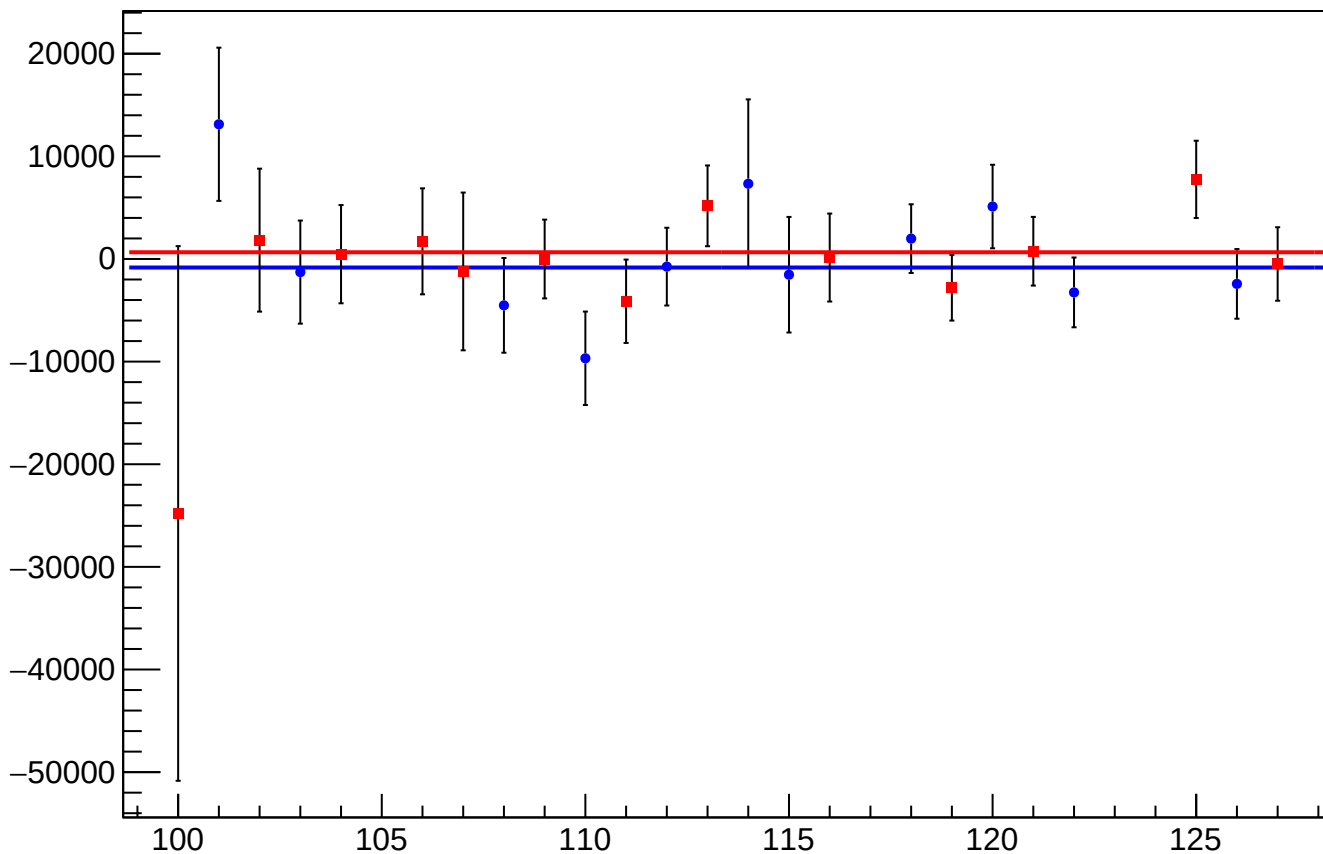
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1614.921+/-0.381 χ^2/NDF : 1587269.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: -832.384+/-1299.933 χ^2/NDF : 12.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 654.811+/-1192.600 χ^2/NDF : 8.7/12

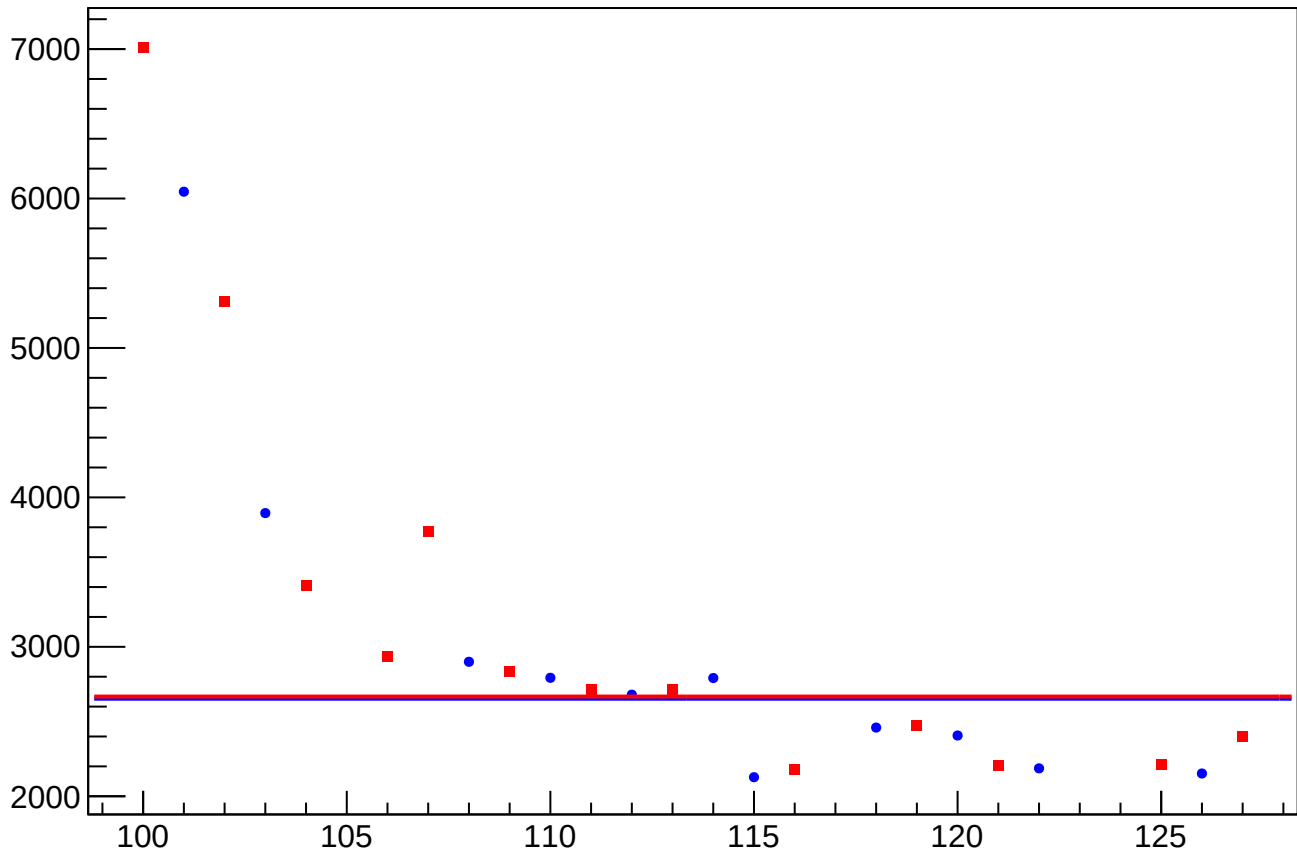
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.864+/-878.795 χ^2/NDF : 21.9/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 2652.811+/-0.919 χ^2/NDF : 656209.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2667.281+/-0.843 χ^2/NDF : 554734.0/12

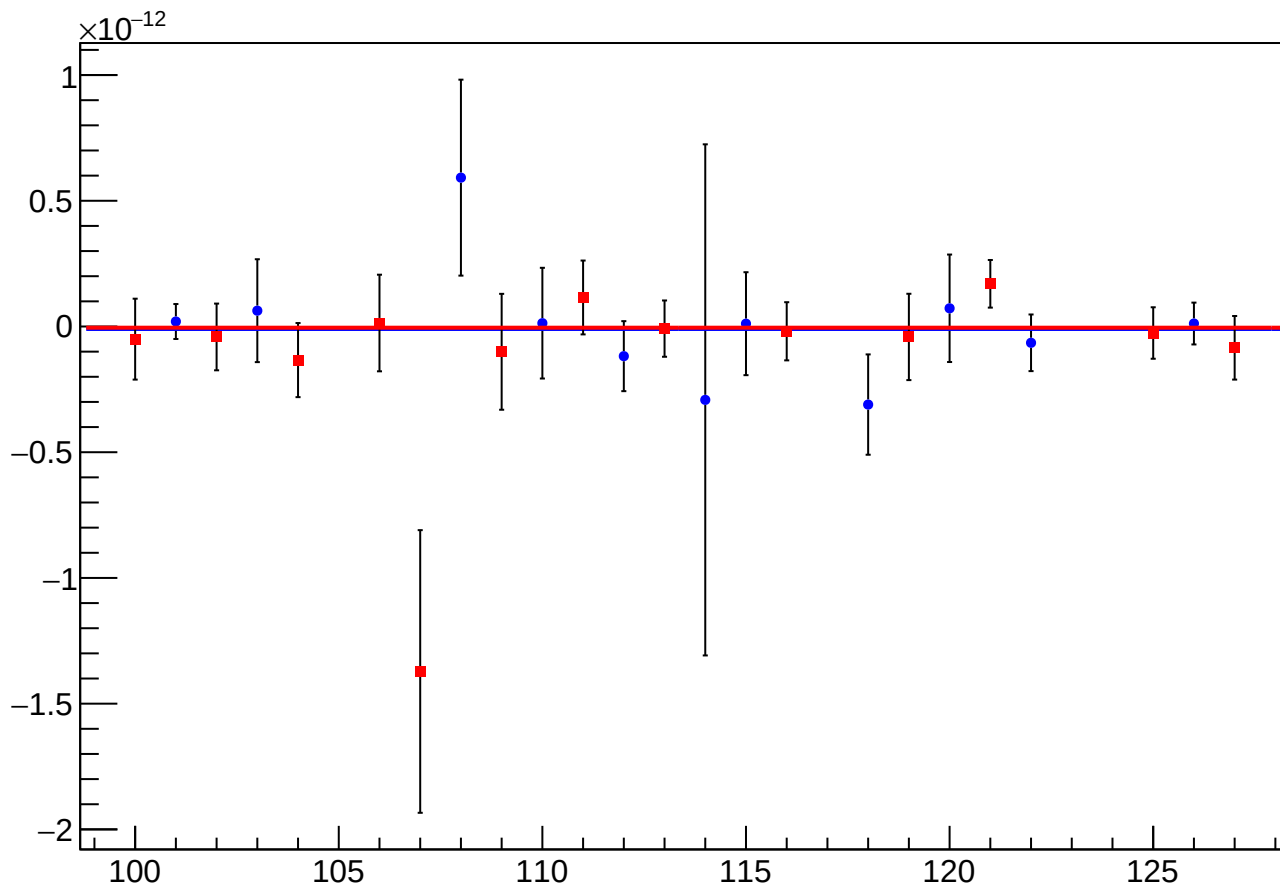
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2660.668+/-0.621 χ^2/NDF : 1211078.1/23

- 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 $\pm$ 0.000 χ^2 /NDF: 6.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.6/12

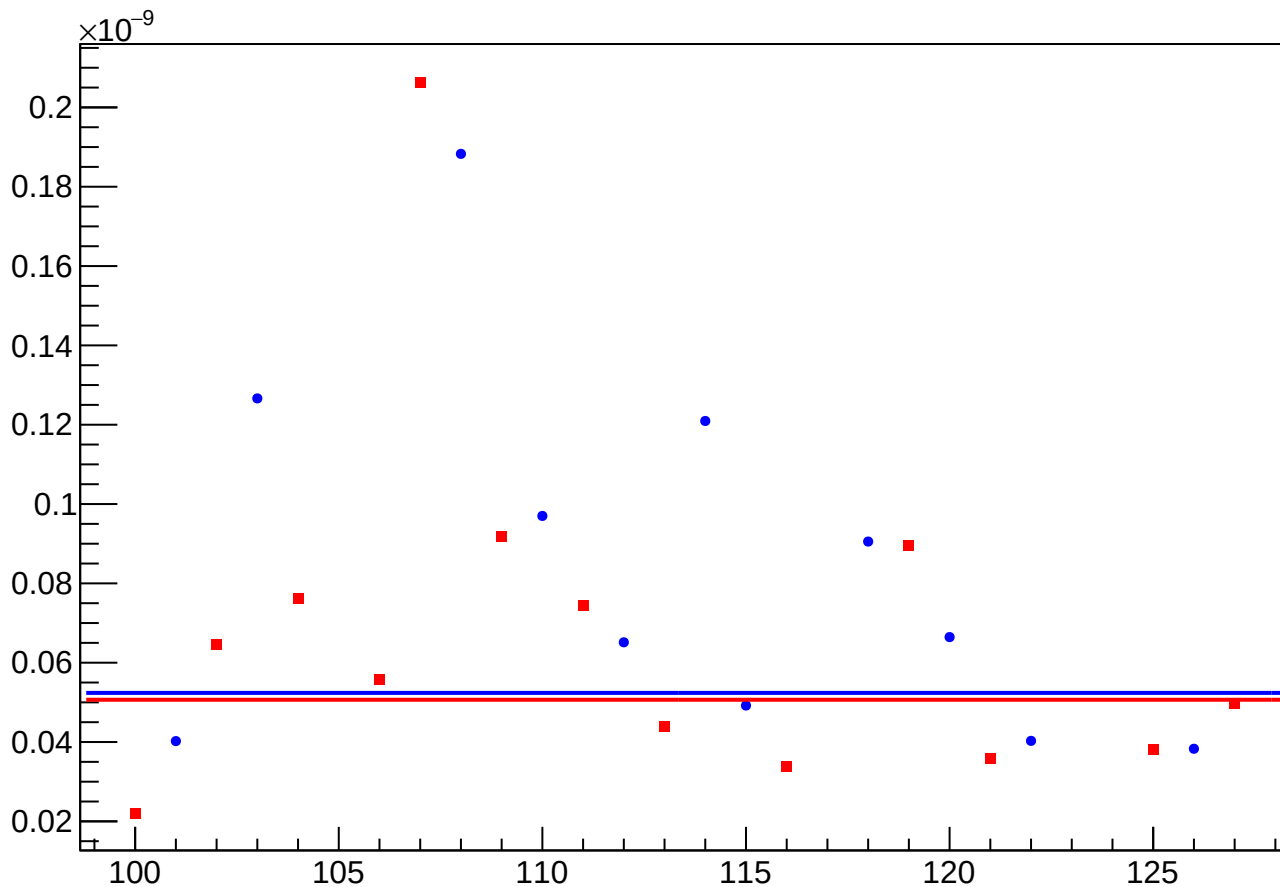
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 17.7/23

- sign 0.000 $\pm$ 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 : 838532.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 646859.9/12

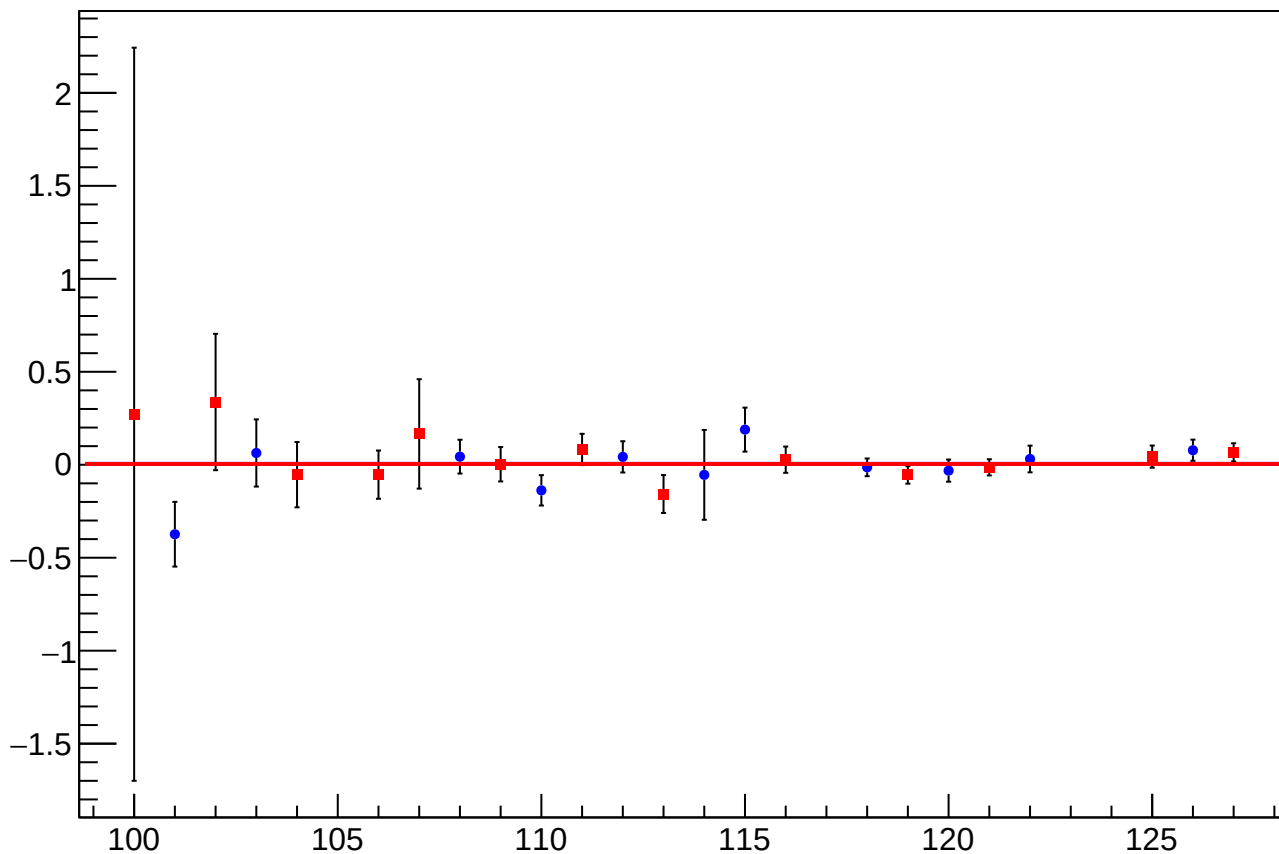
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1487331.1/23

- 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: 0.004 $\pm$ 0.024 χ^2 /NDF: 13.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.004 $\pm$ 0.021 χ^2 /NDF: 8.7/12

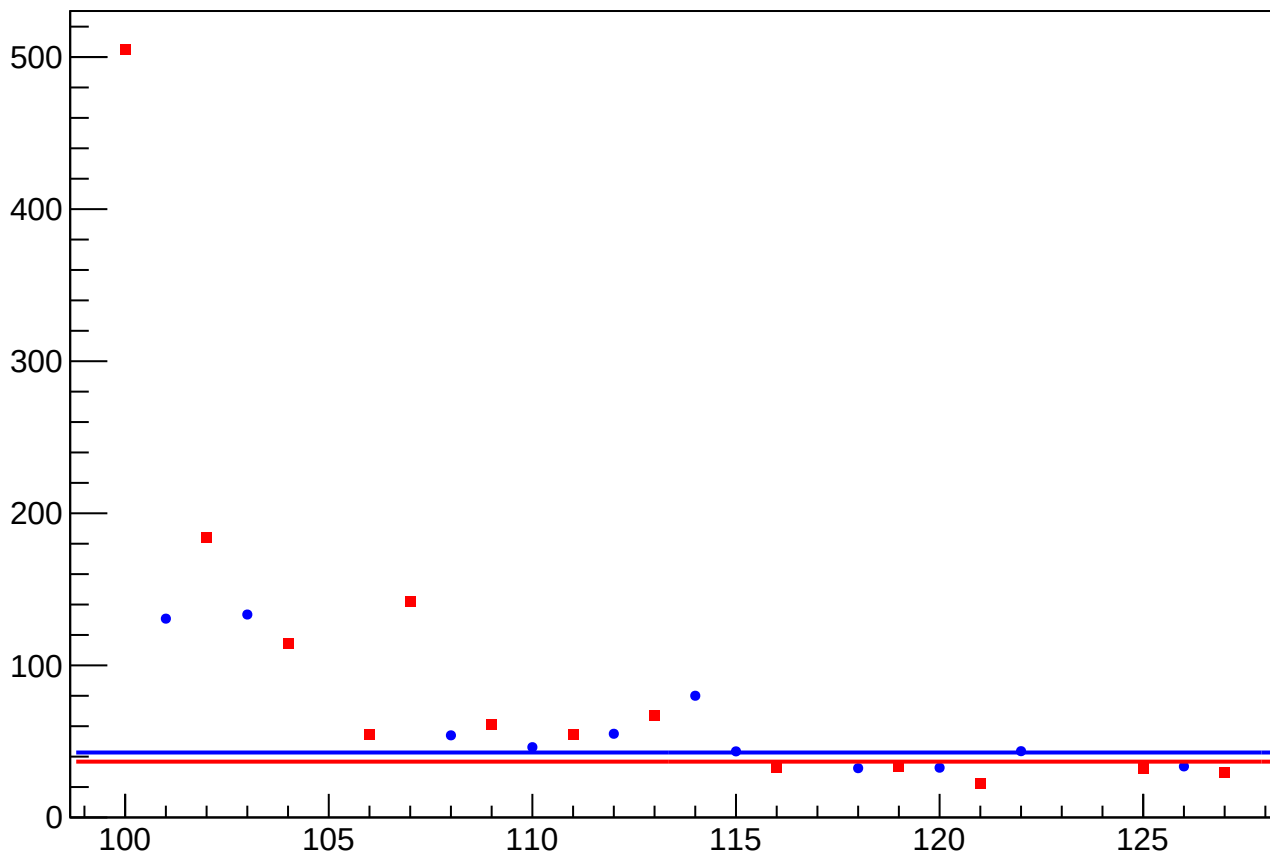
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.016 χ^2 /NDF: 21.8/23

- 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: 42.711+/-0.017 χ^2/NDF : 1343122.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.698+/-0.015 χ^2/NDF : 1827211.3/12

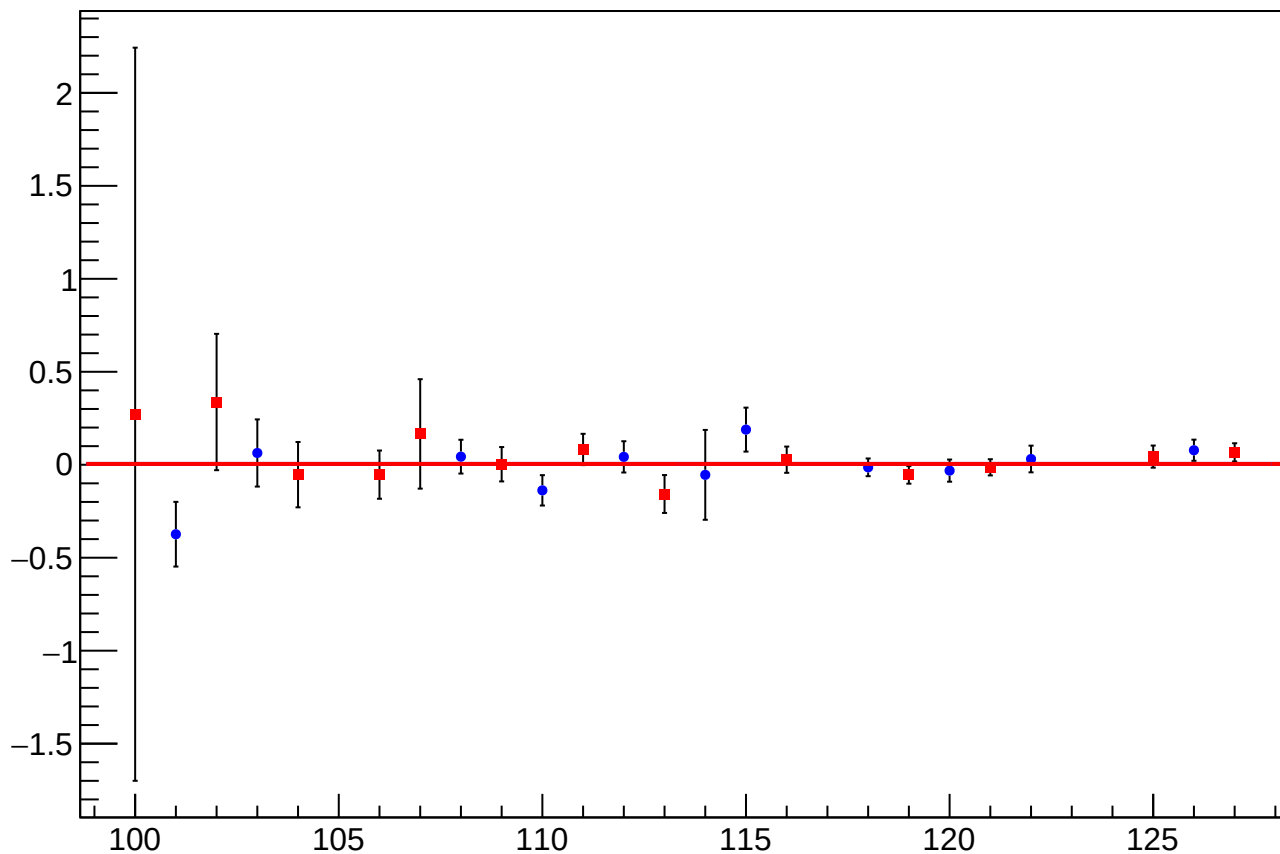
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.304+/-0.011 χ^2/NDF : 3243728.6/23

- 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: 0.004 $\pm$ 0.024 χ^2 /NDF: 13.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.004 $\pm$ 0.021 χ^2 /NDF: 8.7/12

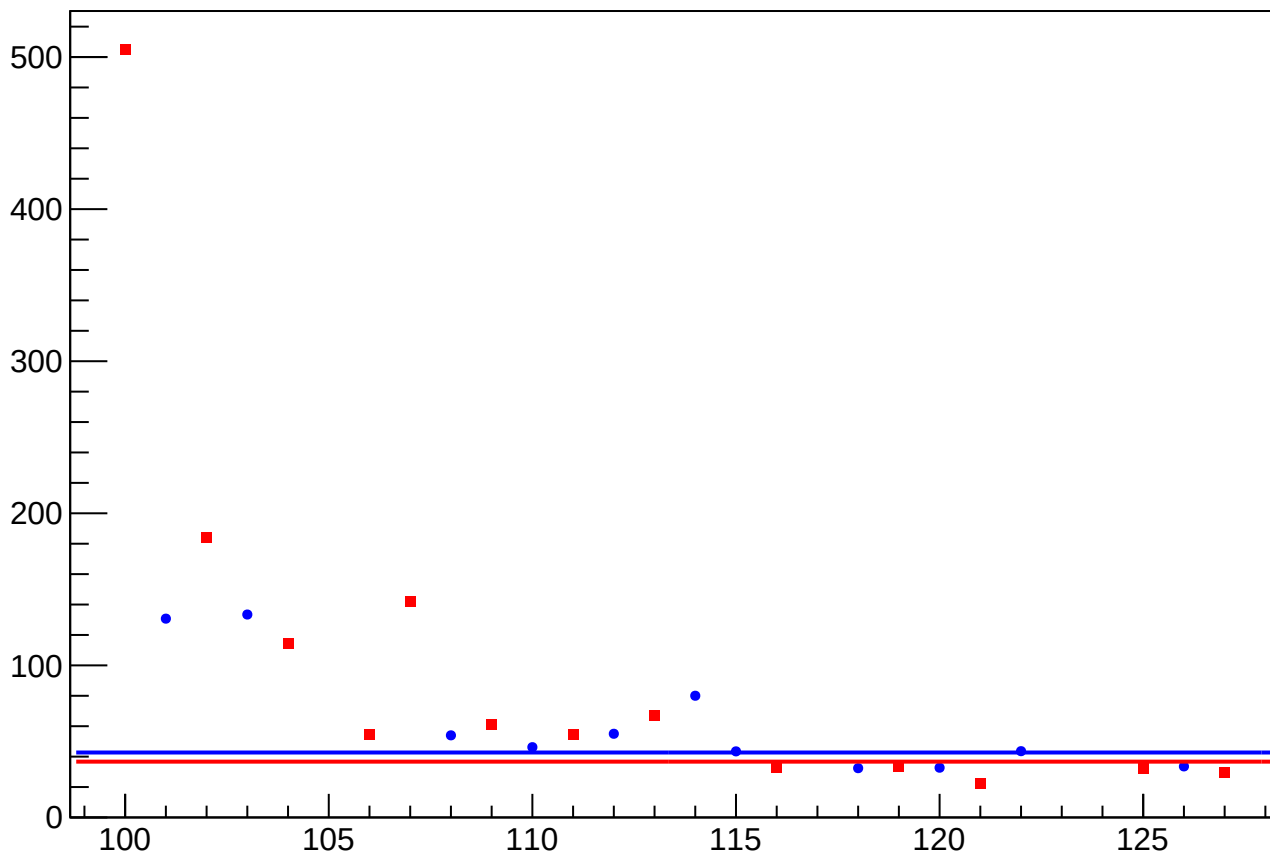
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.016 χ^2 /NDF: 21.8/23

- 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: 42.711+/-0.017 χ^2/NDF : 1343122.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.698+/-0.015 χ^2/NDF : 1827211.3/12

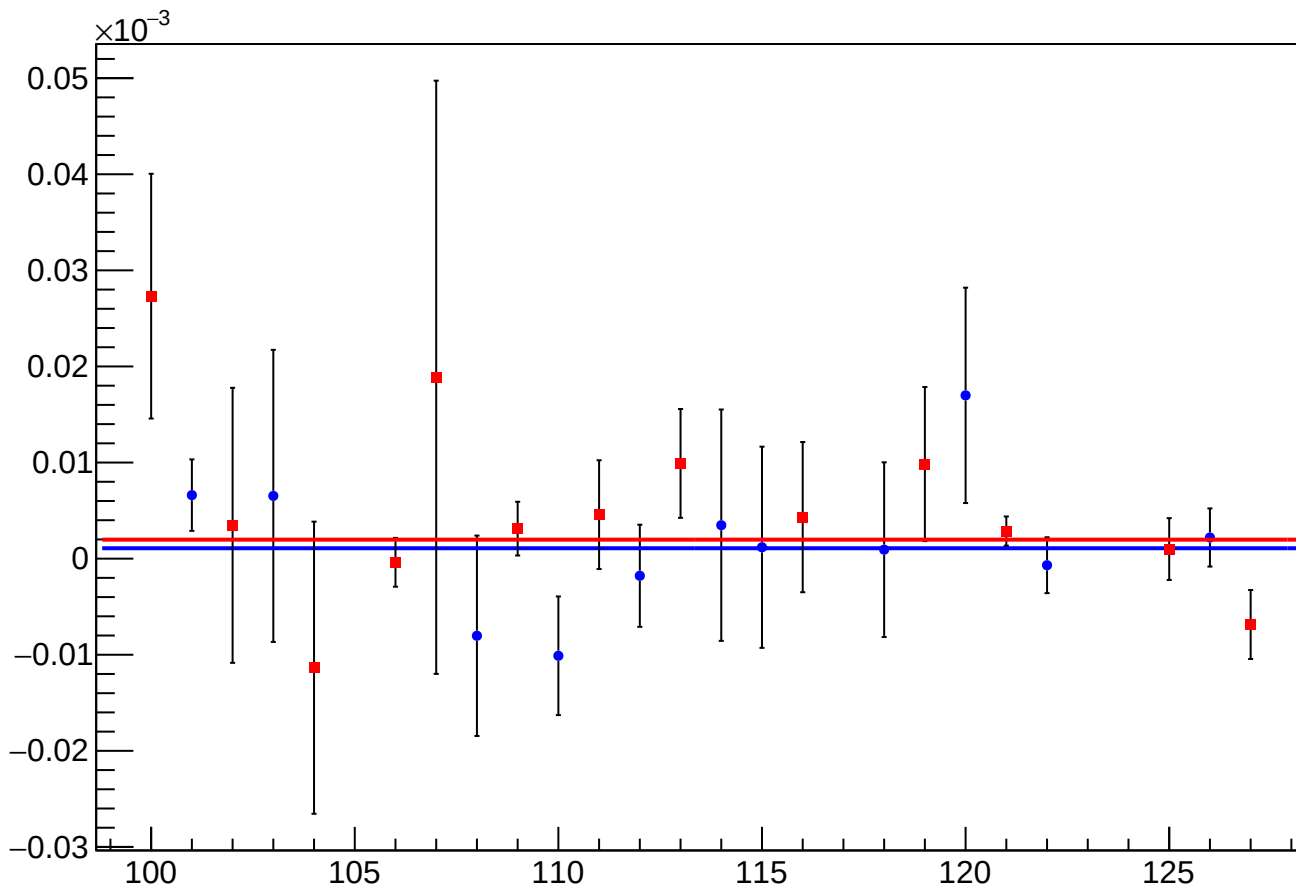
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.304+/-0.011 χ^2/NDF : 3243728.6/23

- 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: 9.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.8/12

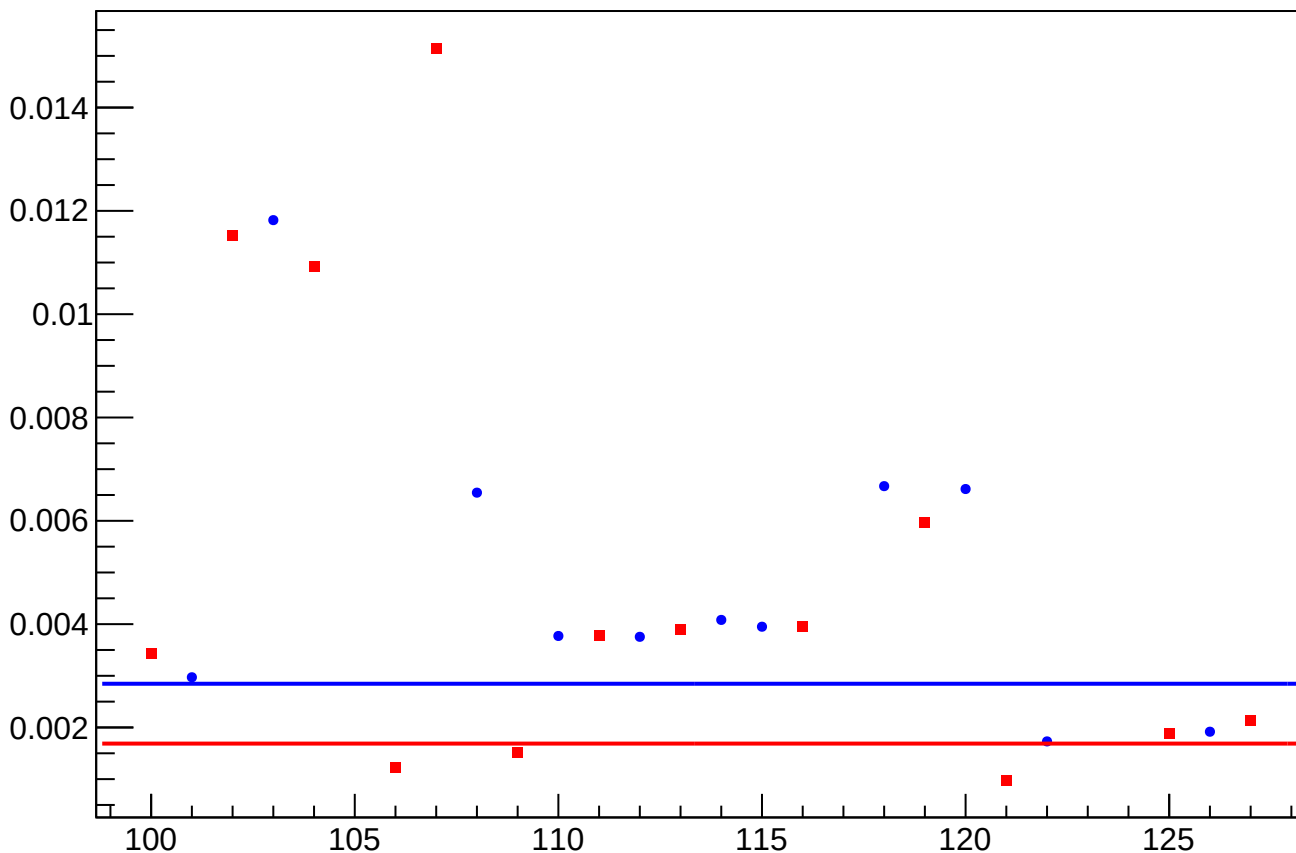
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 25.2/23

- 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: 0.003+/-0.000 χ^2/NDF : 2161461.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3974098.7/12

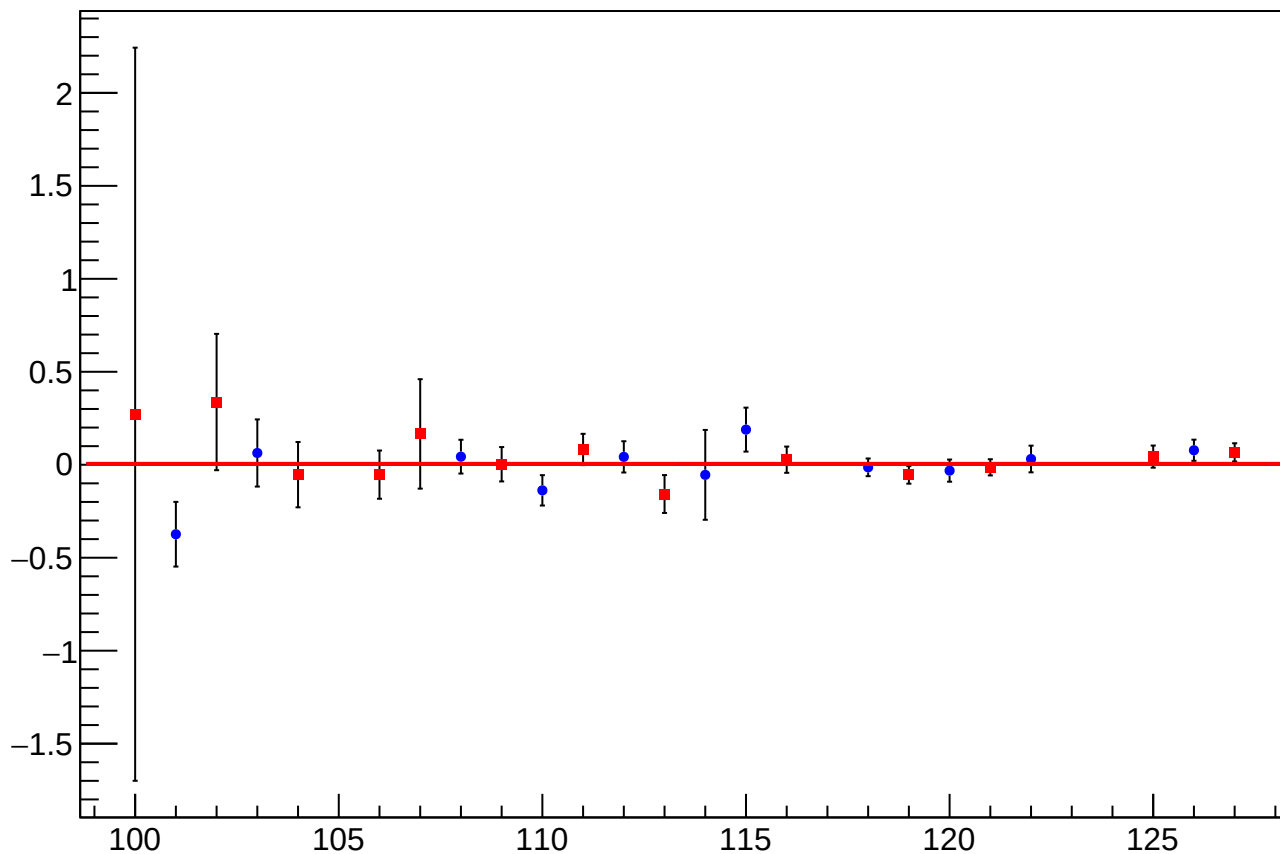
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6917427.6/23

- 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: 0.004 $\pm$ 0.024 χ^2 /NDF: 13.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.004 $\pm$ 0.021 χ^2 /NDF: 8.7/12

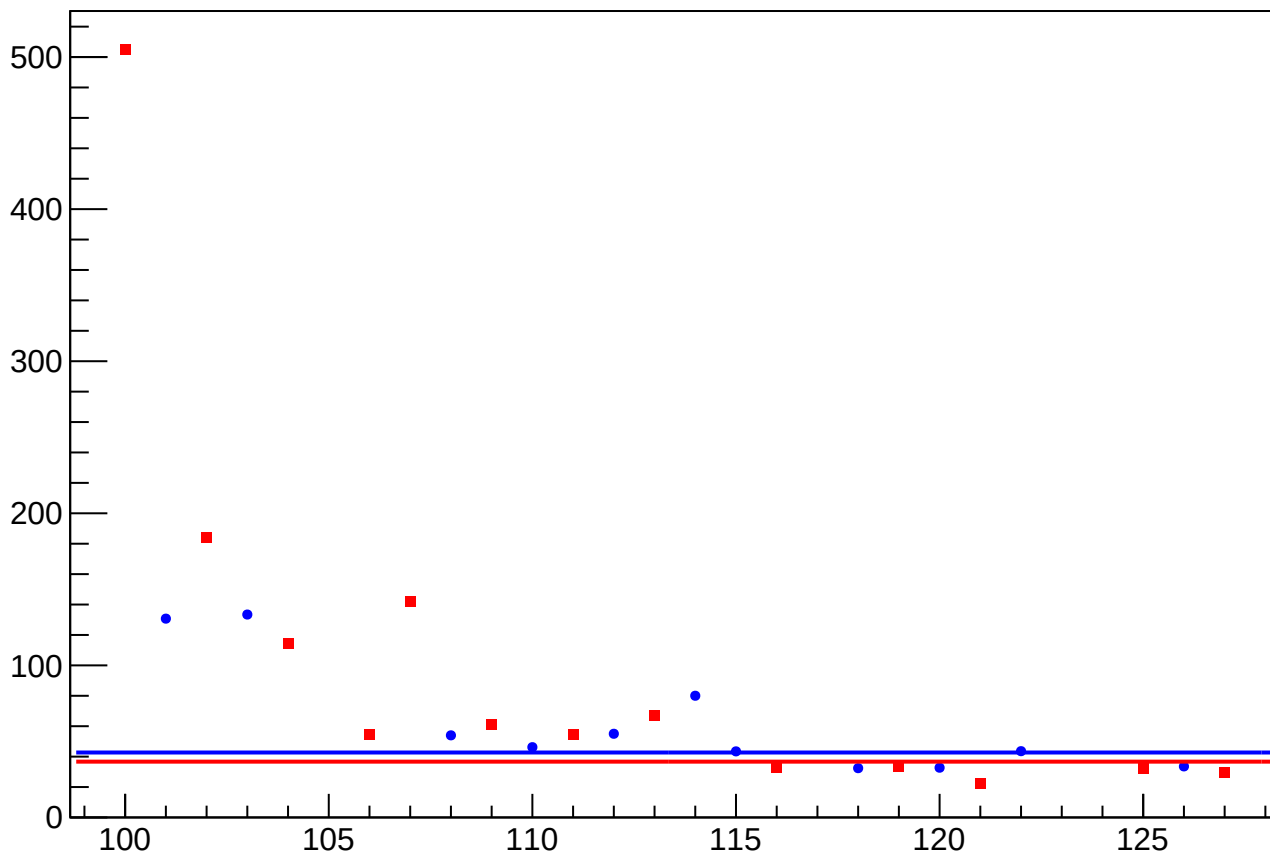
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.016 χ^2 /NDF: 21.8/23

- 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: 42.711+/-0.017 χ^2/NDF : 1343028.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.696+/-0.015 χ^2/NDF : 1827210.2/12

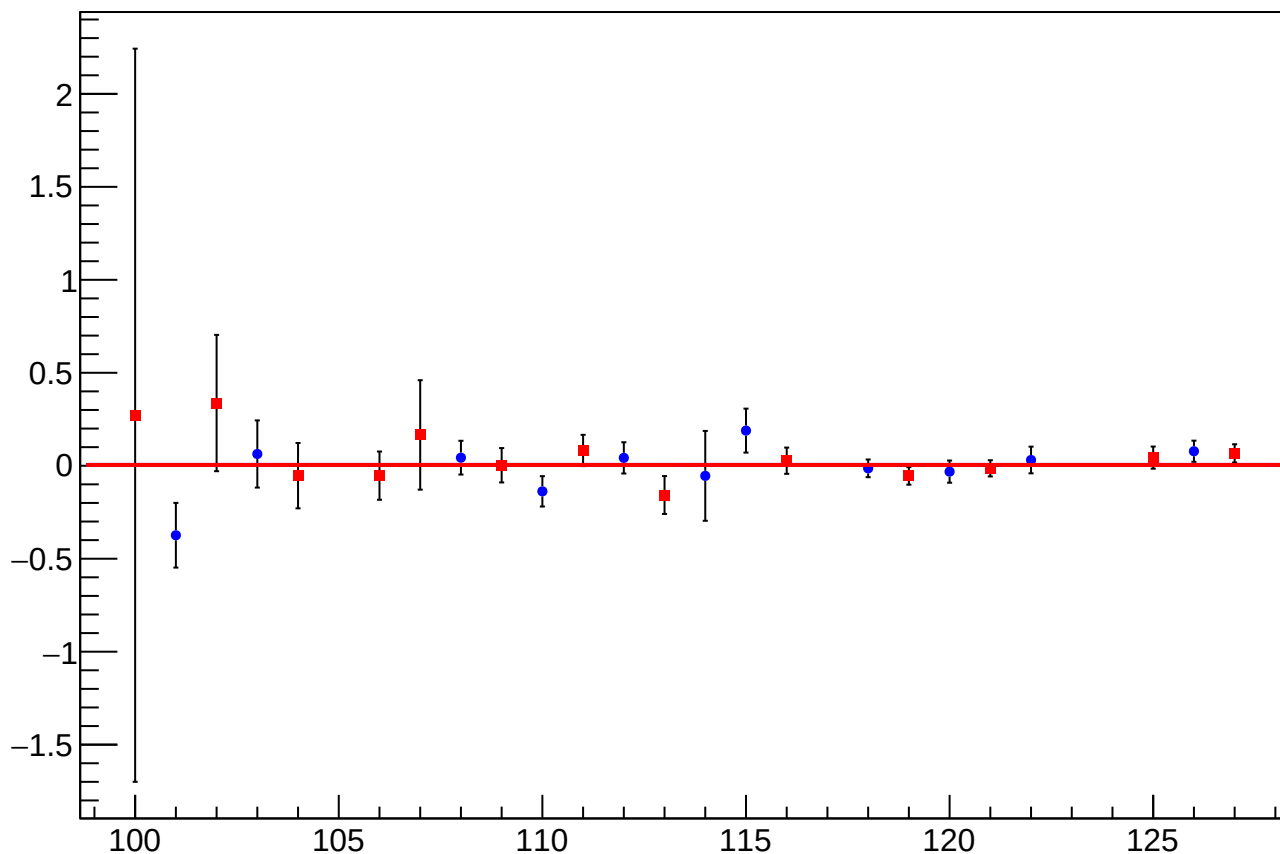
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.303+/-0.011 χ^2/NDF : 3243681.6/23

- 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: 0.004 $\pm$ 0.024 χ^2 /NDF: 13.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.004 $\pm$ 0.021 χ^2 /NDF: 8.7/12

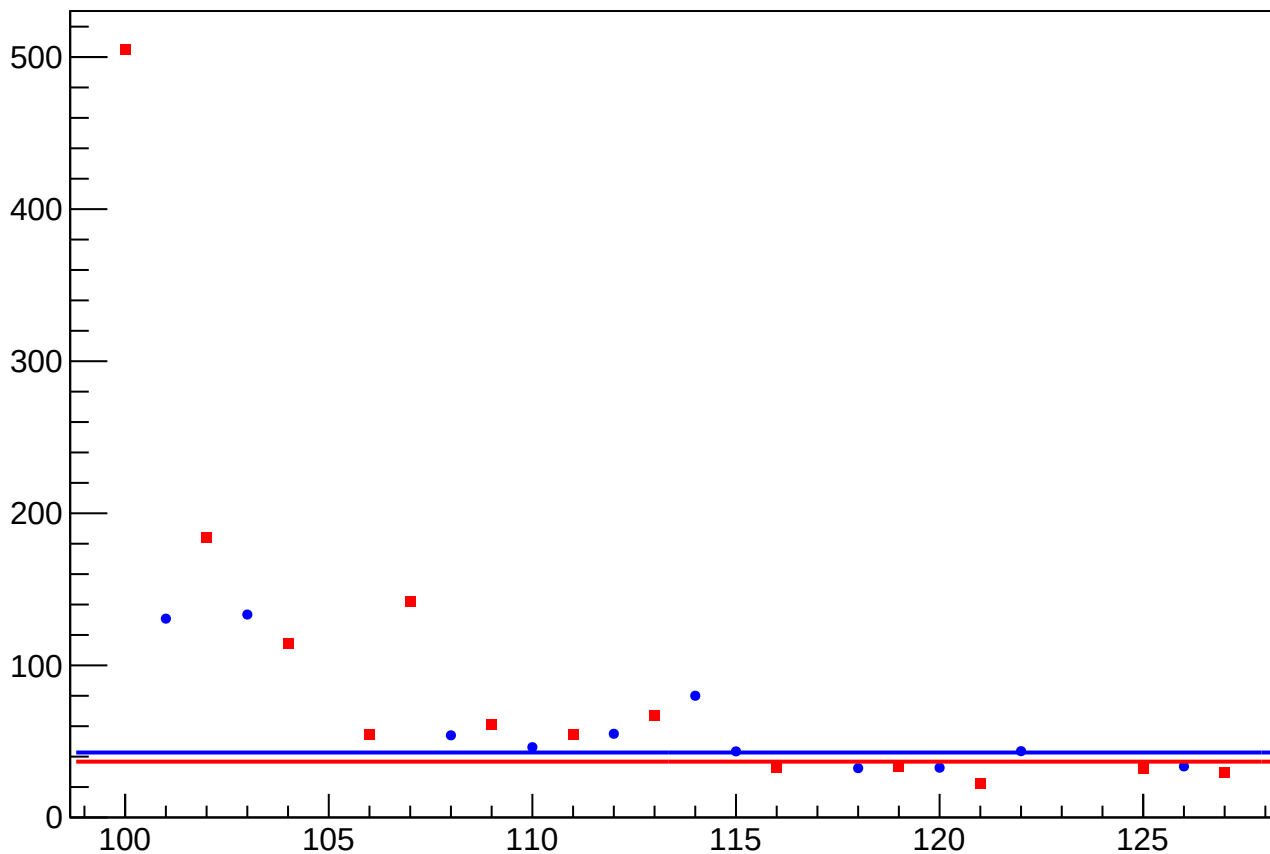
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.016 χ^2 /NDF: 21.8/23

- sign 0.000 $\pm$ 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: 42.711+/-0.017 χ^2/NDF : 1343028.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.696+/-0.015 χ^2/NDF : 1827210.2/12

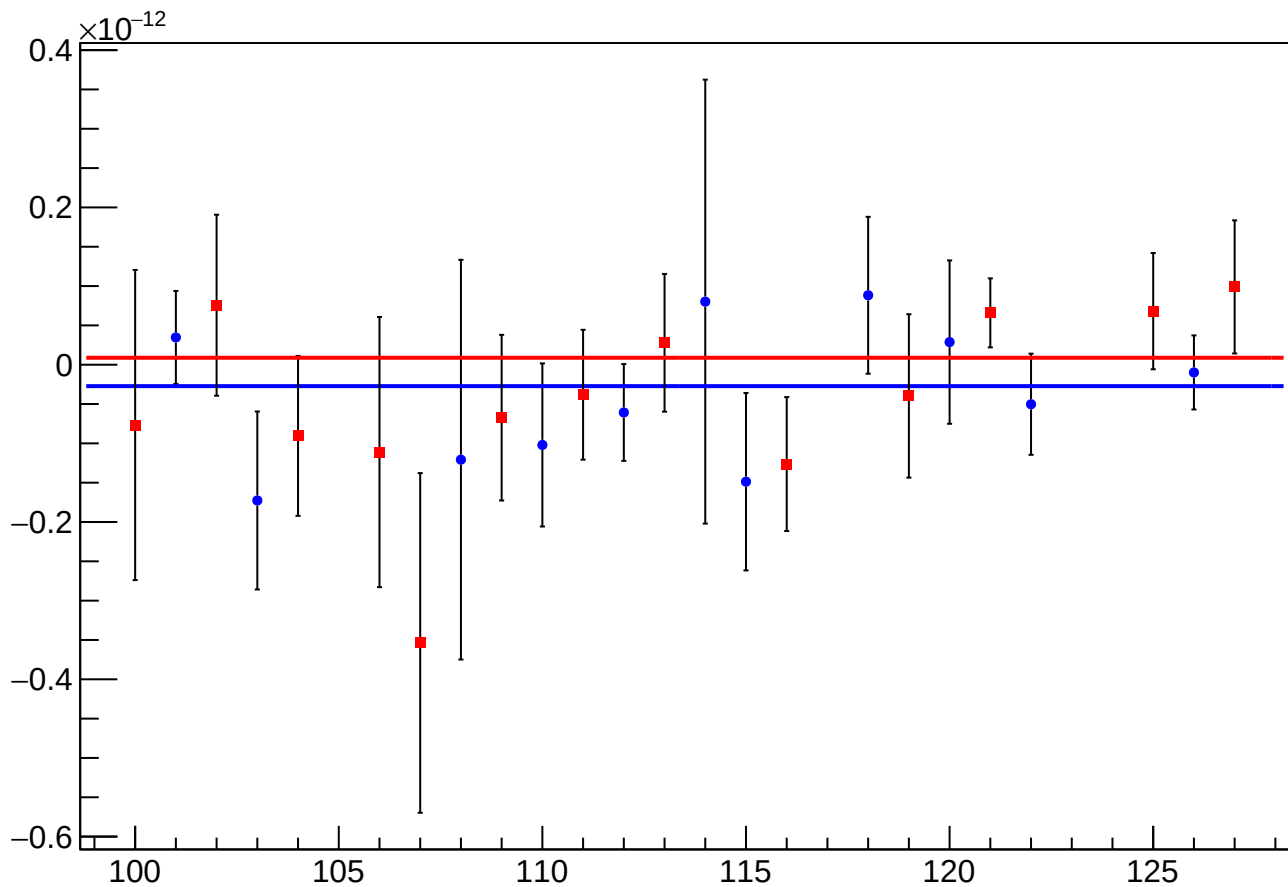
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.303+/-0.011 χ^2/NDF : 3243681.6/23

- 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 : 6.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.9/12

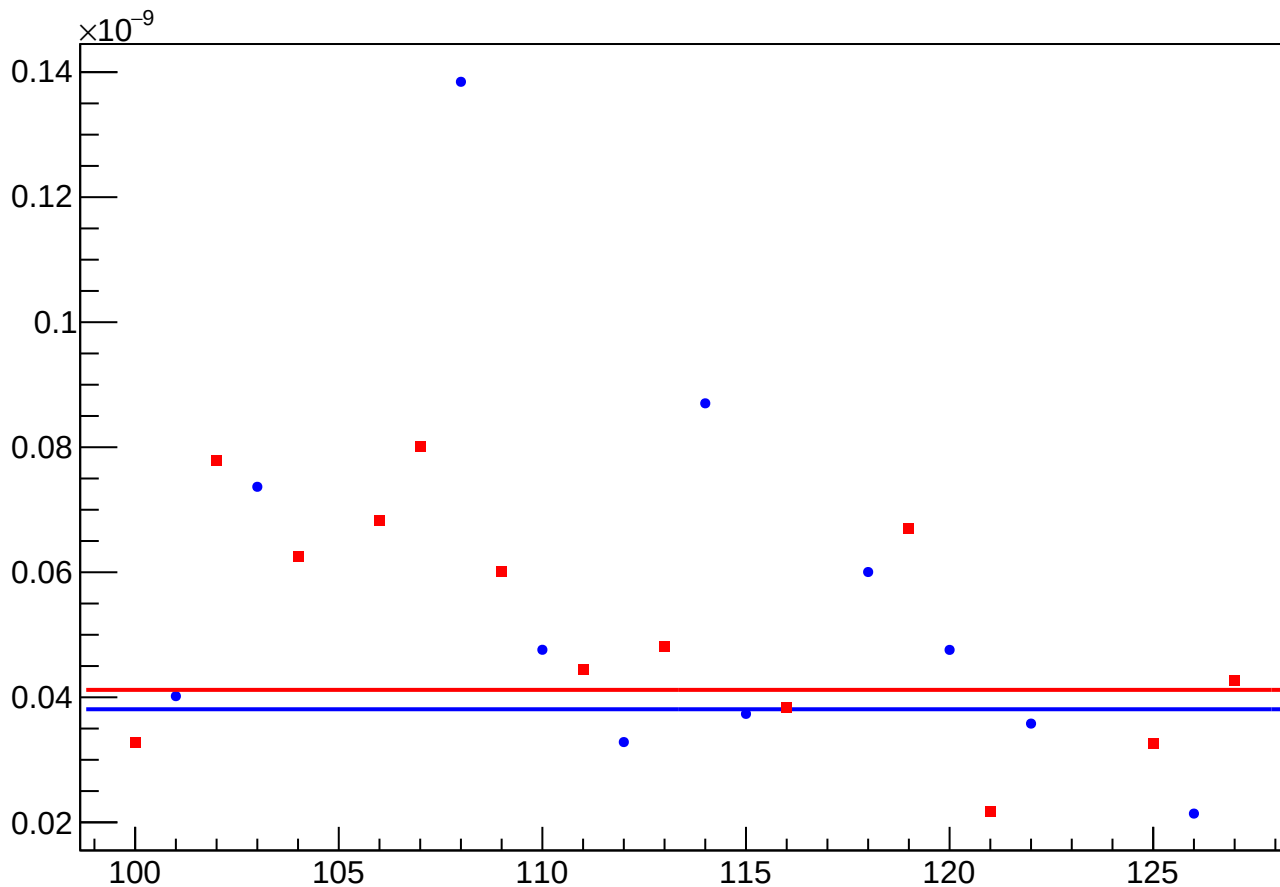
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.9/23

- 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 : 971256.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1038503.7/12

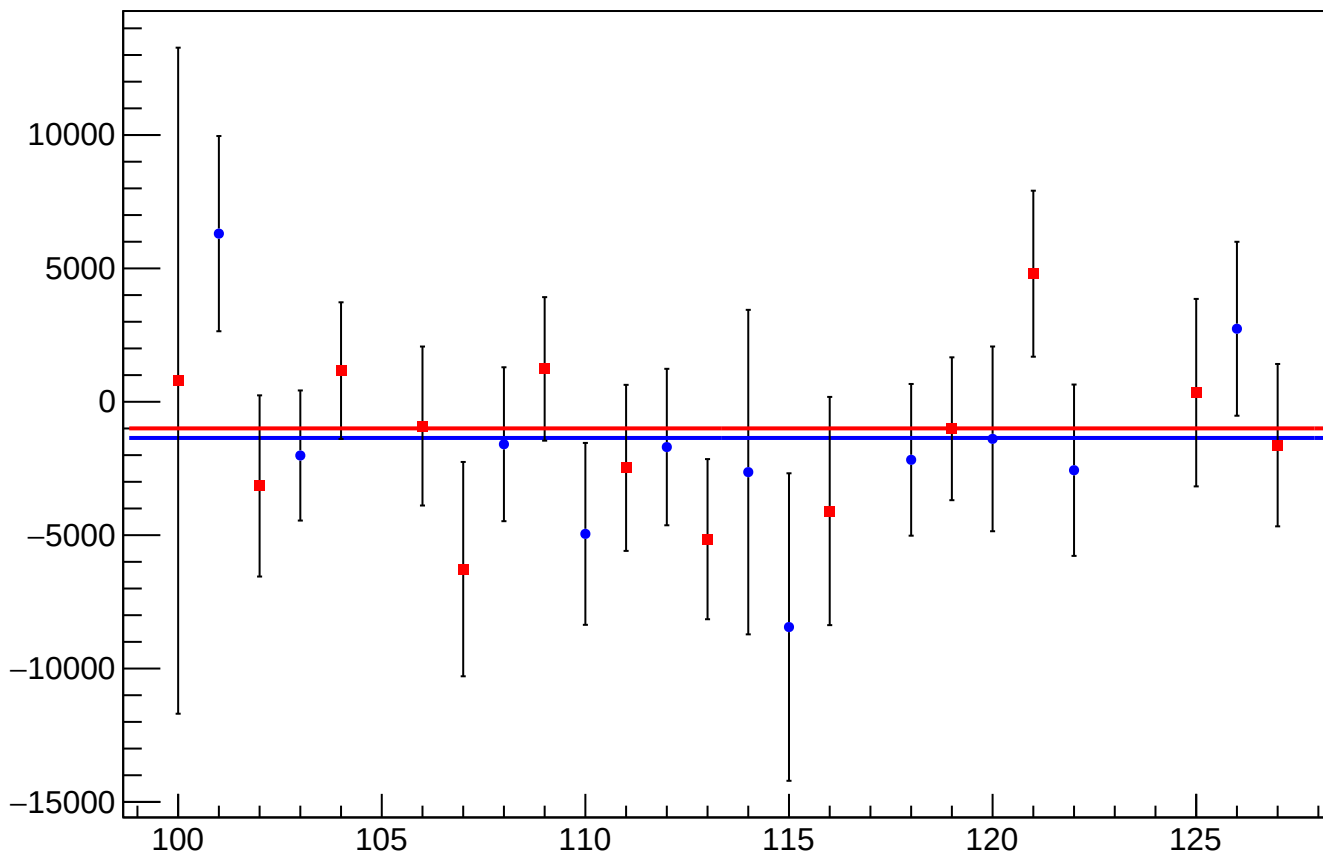
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2026126.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -1356.011 ± 989.917 χ^2/NDF : 8.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -996.944 ± 891.295 χ^2/NDF : 9.9/12

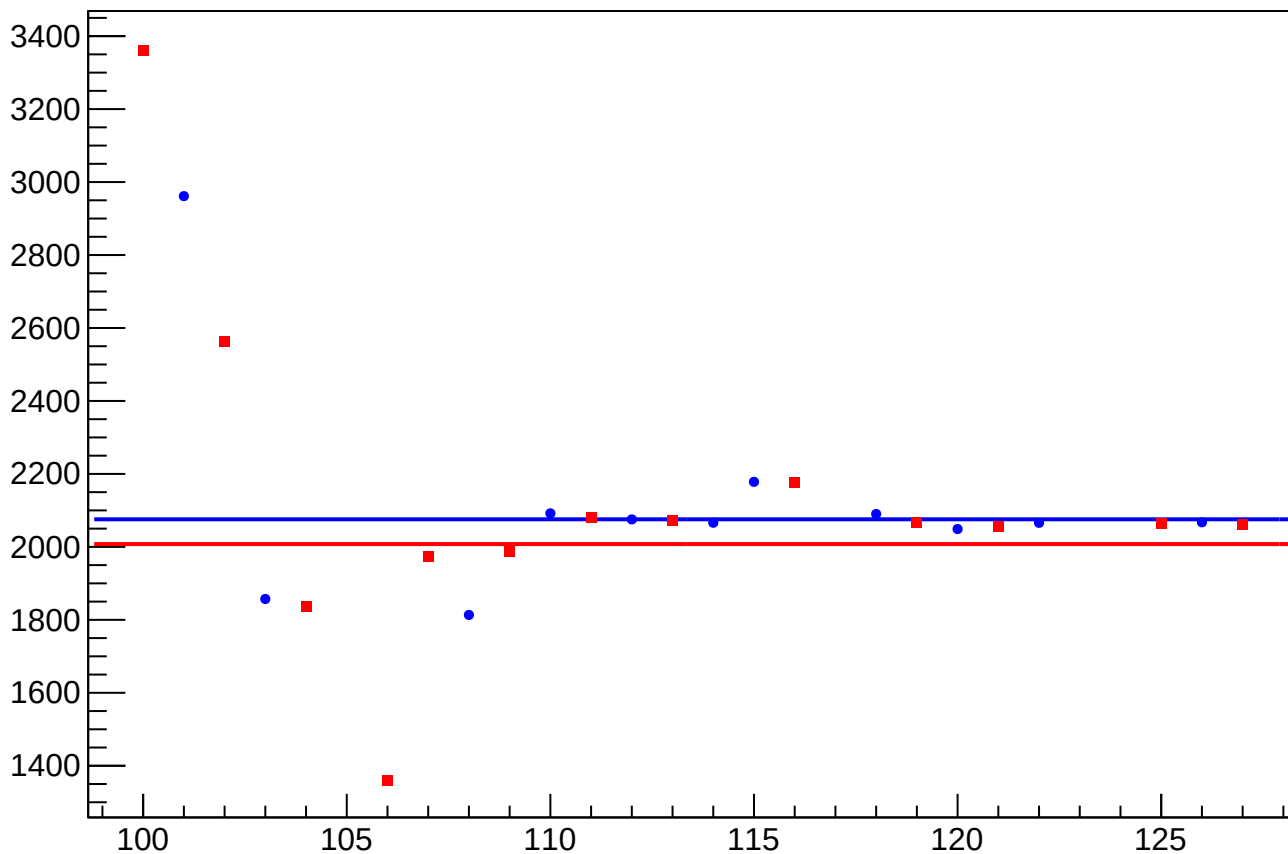
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1157.705 ± 662.371 χ^2/NDF : 18.9/23

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2075.583+/-0.700 χ^2/NDF : 150657.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

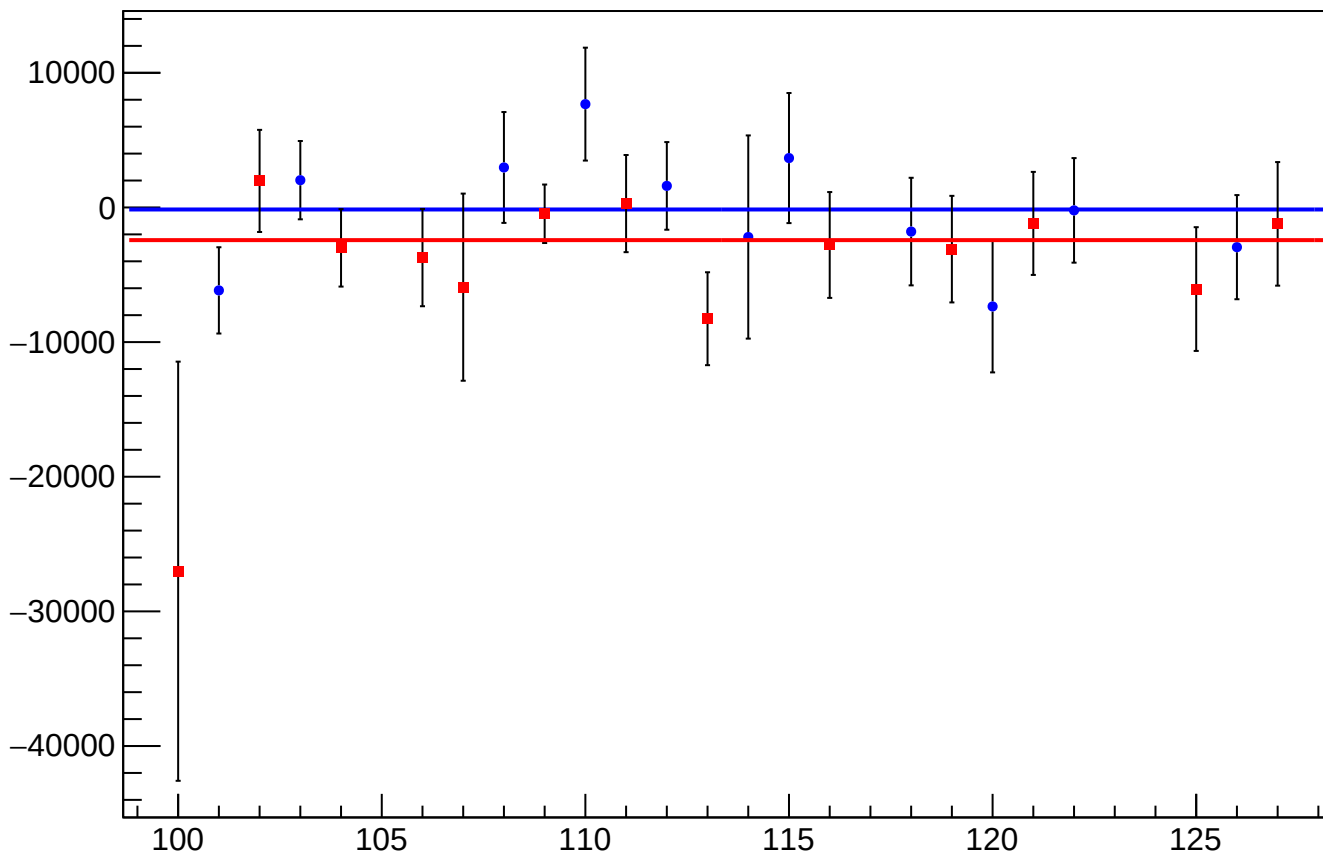
Right Out: 2007.650+/-0.630 χ^2/NDF : 187920.5/12

All: 2038.065+/-0.468 χ^2/NDF : 343780.3/23

- 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_avg_reg_correction_mean vs Slug



Right In: -150.636+/-1175.386 χ^2/NDF : 12.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2426.458+/-1022.603 χ^2/NDF : 9.3/12

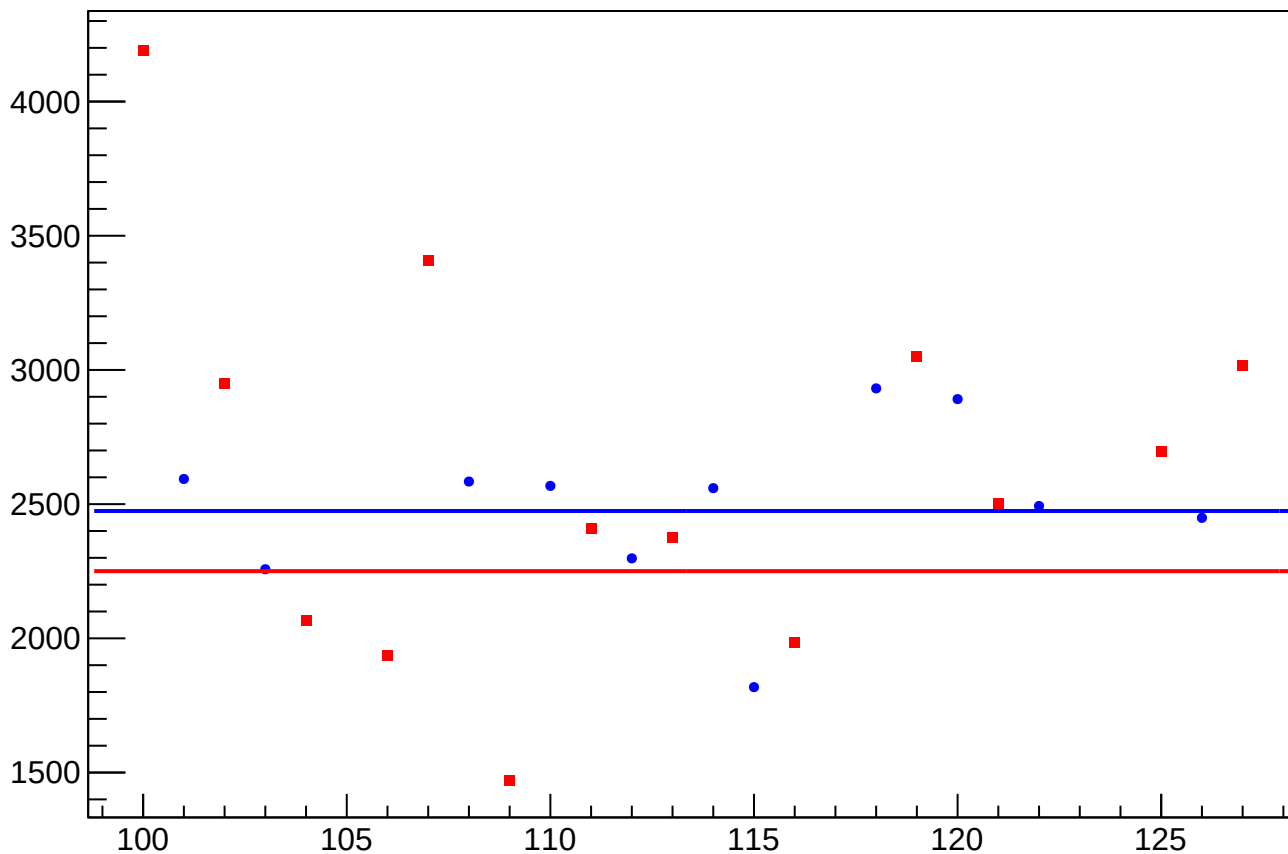
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1445.979+/-771.490 χ^2/NDF : 23.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_reg_correction_rms vs Slug



Right In: 2474.487+/-0.831 χ^2 /NDF: 100147.4/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

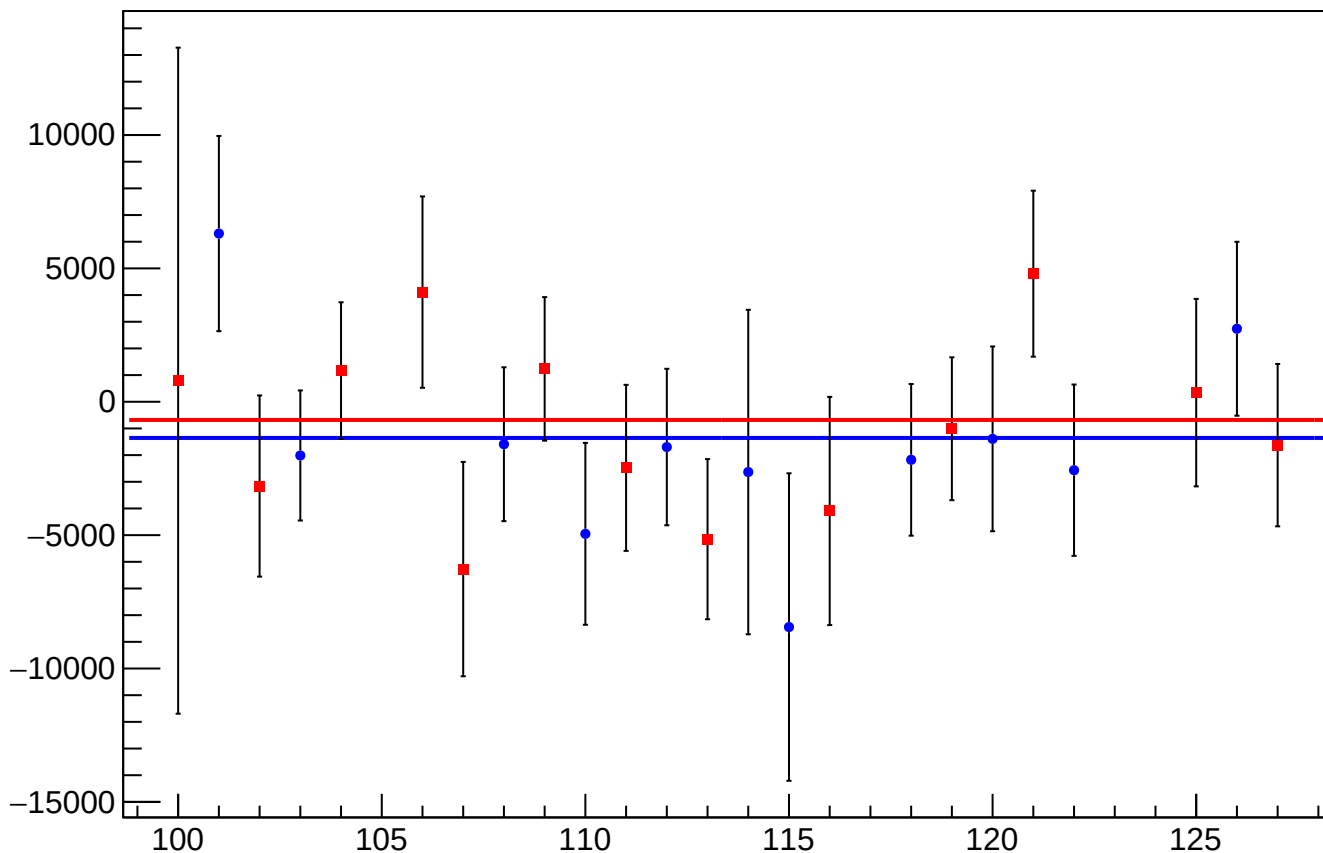
Right Out: 2250.454+/-0.723 χ^2 /NDF: 616042.7/12

All: 2346.973+/-0.546 χ^2 /NDF: 757546.3/23

- 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_dd_at2lr_dd_avg_mean vs Slug



Right In: -1355.852 $\pm$ 989.917 χ^2 /NDF: 8.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -681.125 $\pm$ 903.914 χ^2 /NDF: 11.8/12

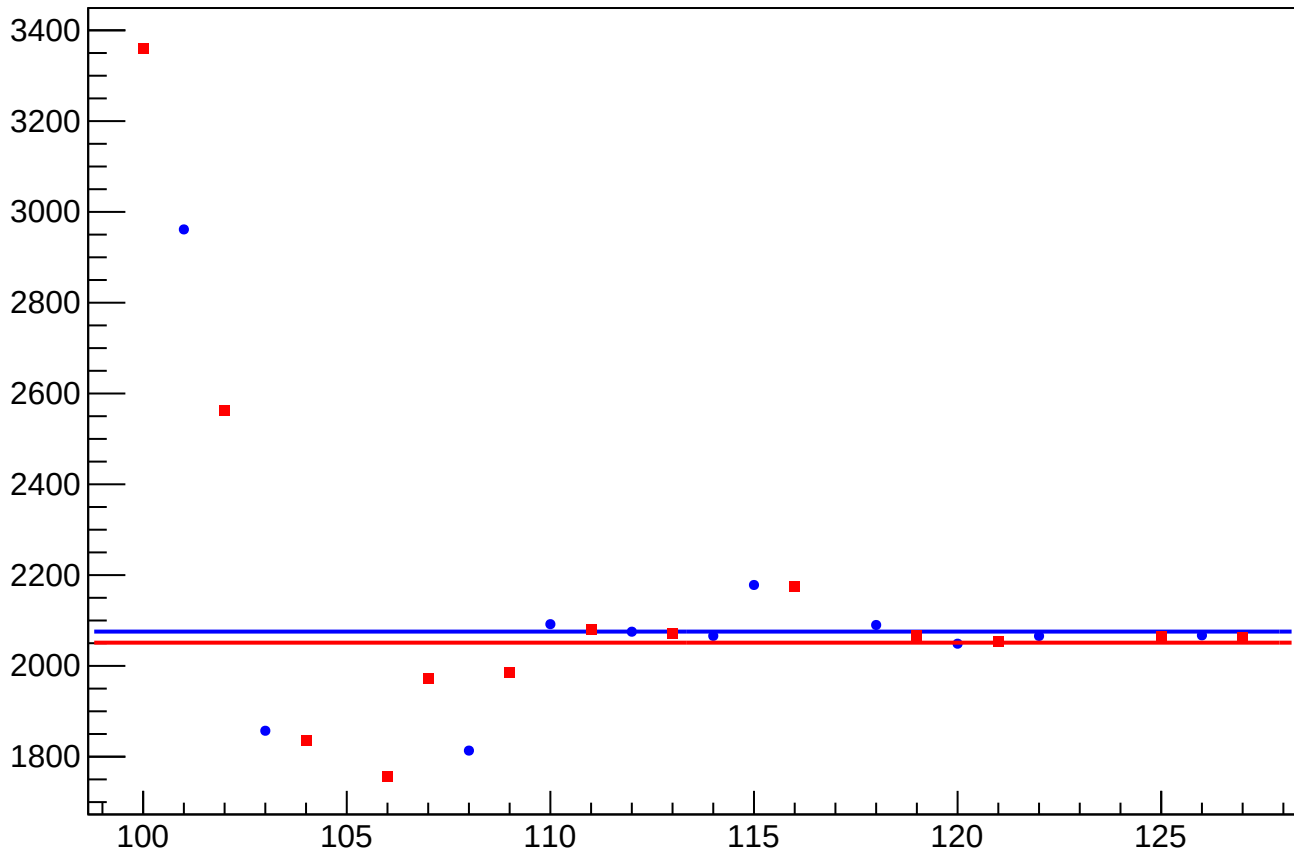
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -987.911 $\pm$ 667.502 χ^2 /NDF: 21.0/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2075.583+/-0.700 χ^2/NDF : 150658.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2051.187+/-0.639 χ^2/NDF : 98903.6/12

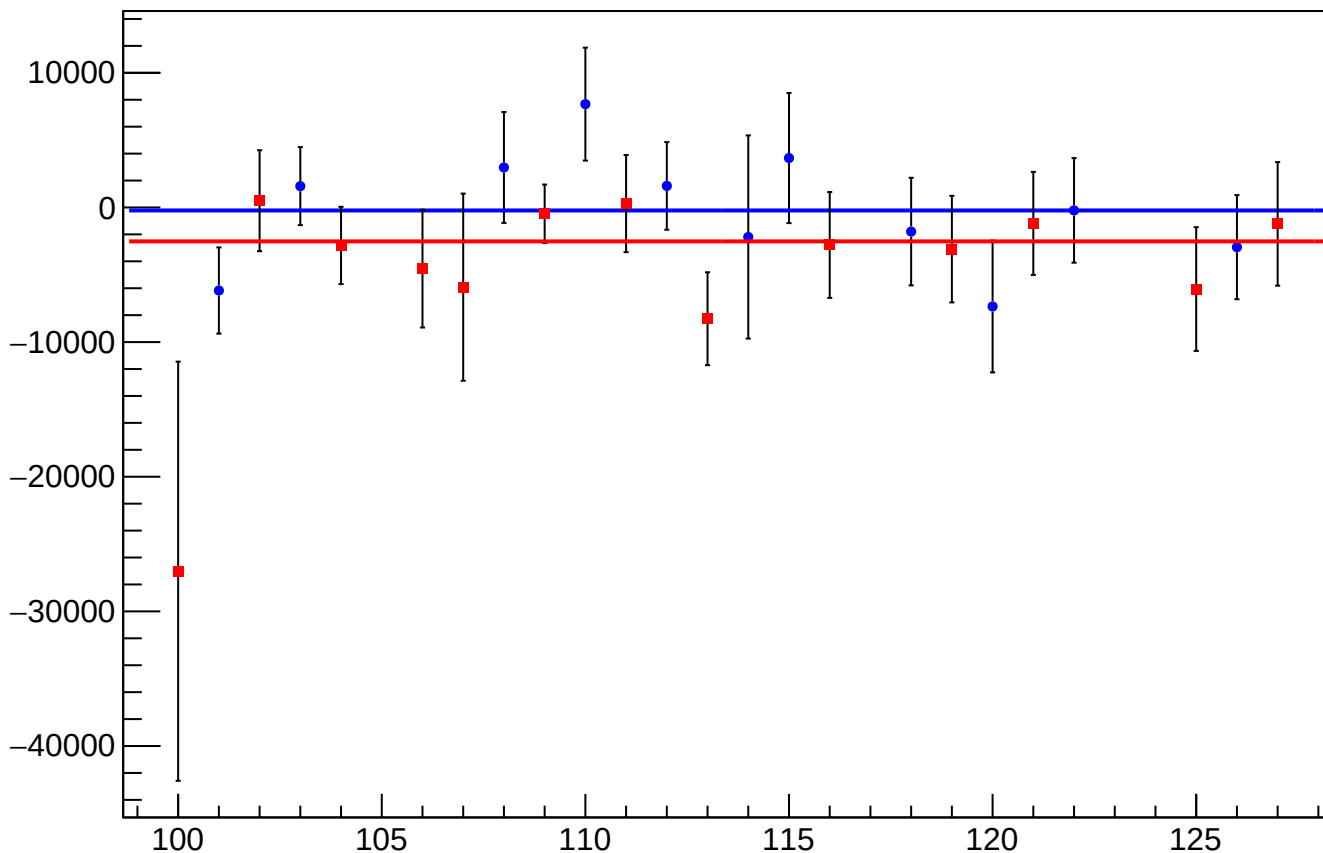
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2062.279+/-0.472 χ^2/NDF : 250224.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_cor_correction_mean vs Slug



Right In: -223.039+/-1174.643 χ^2/NDF : 11.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2520.474+/-1034.656 χ^2/NDF : 8.7/12

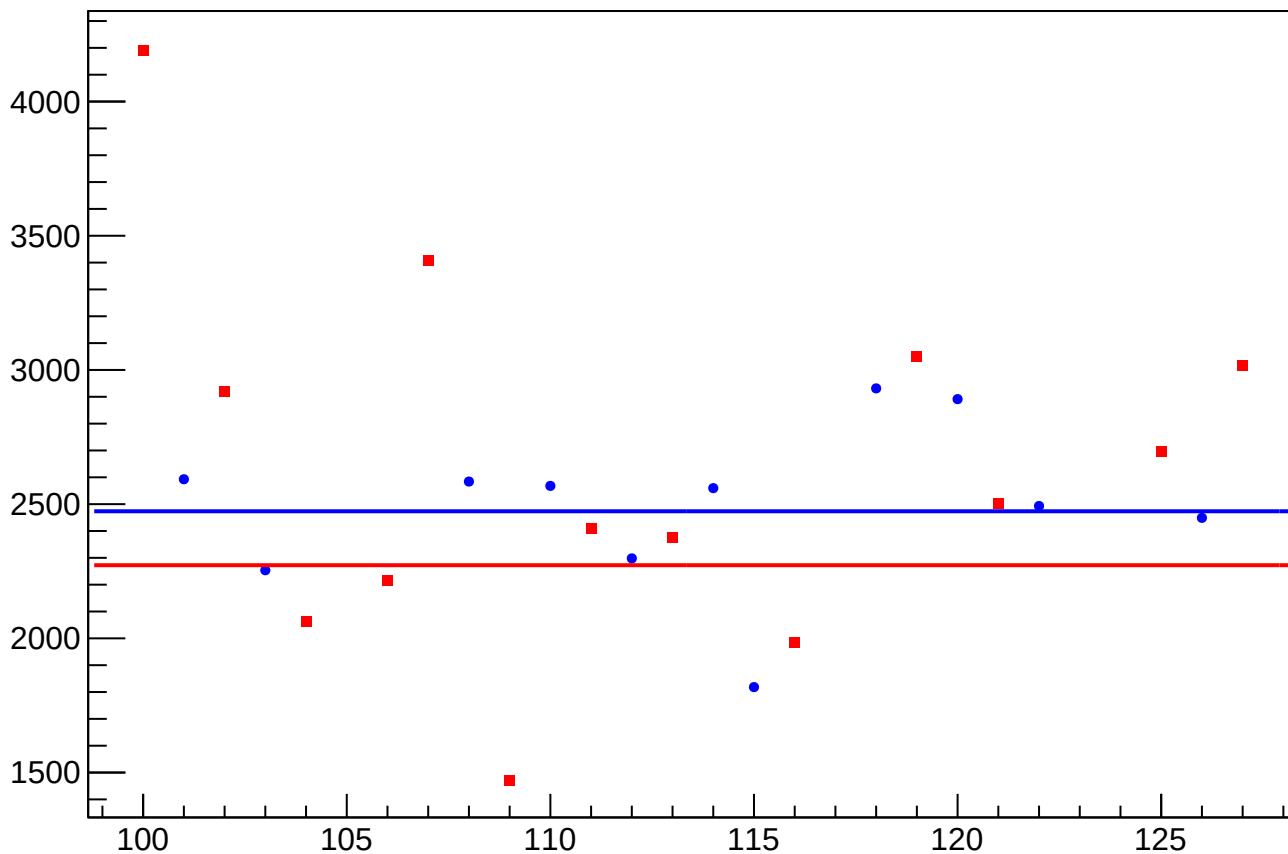
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1516.746+/-776.412 χ^2/NDF : 22.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_cor_correction_rms vs Slug



Right In: 2473.512 $\pm$ 0.831 χ^2 /NDF: 100545.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2272.531 $\pm$ 0.732 χ^2 /NDF: 596412.2/12

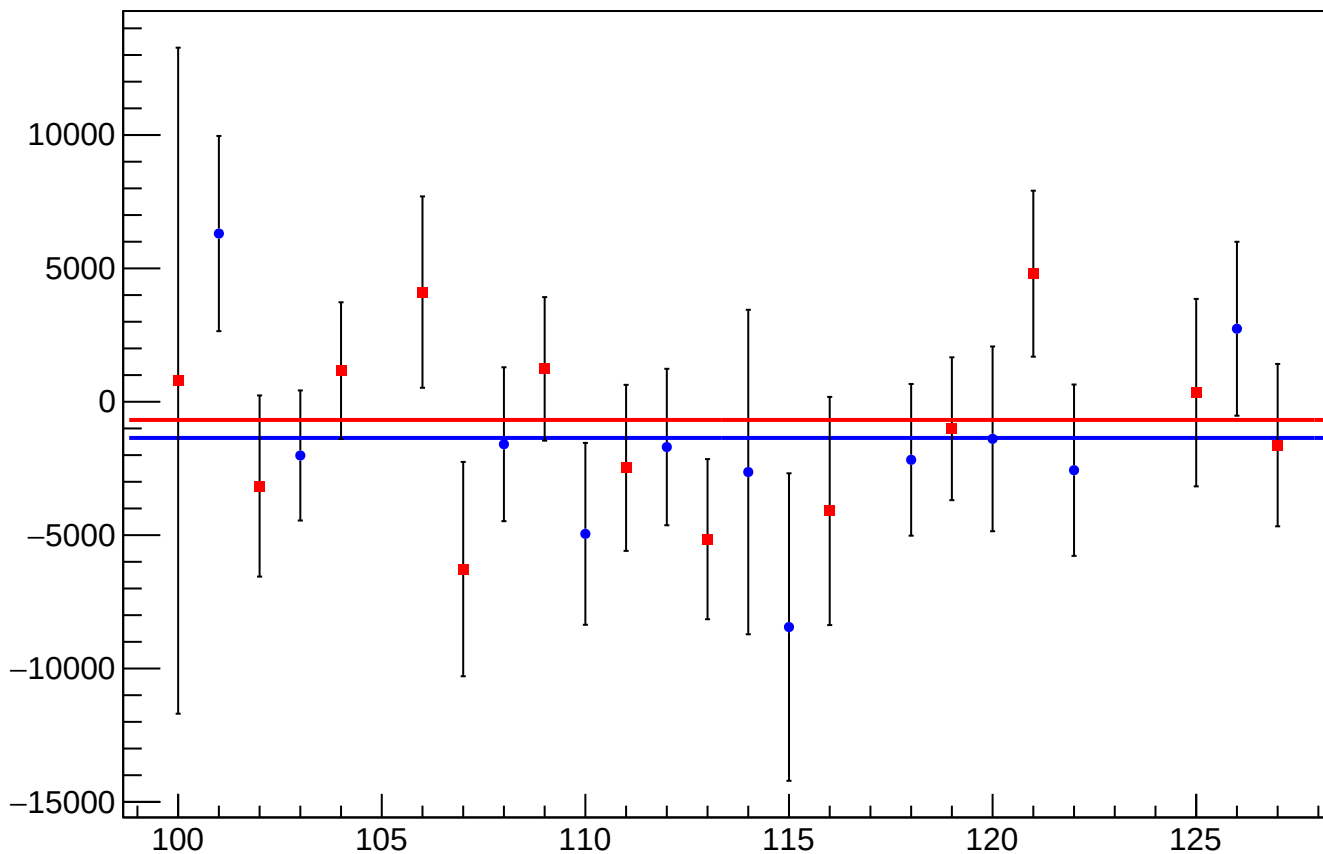
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2360.338 $\pm$ 0.549 χ^2 /NDF: 729927.8/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -1355.852+/-989.917 χ^2/NDF : 8.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -681.125+/-903.914 χ^2/NDF : 11.8/12

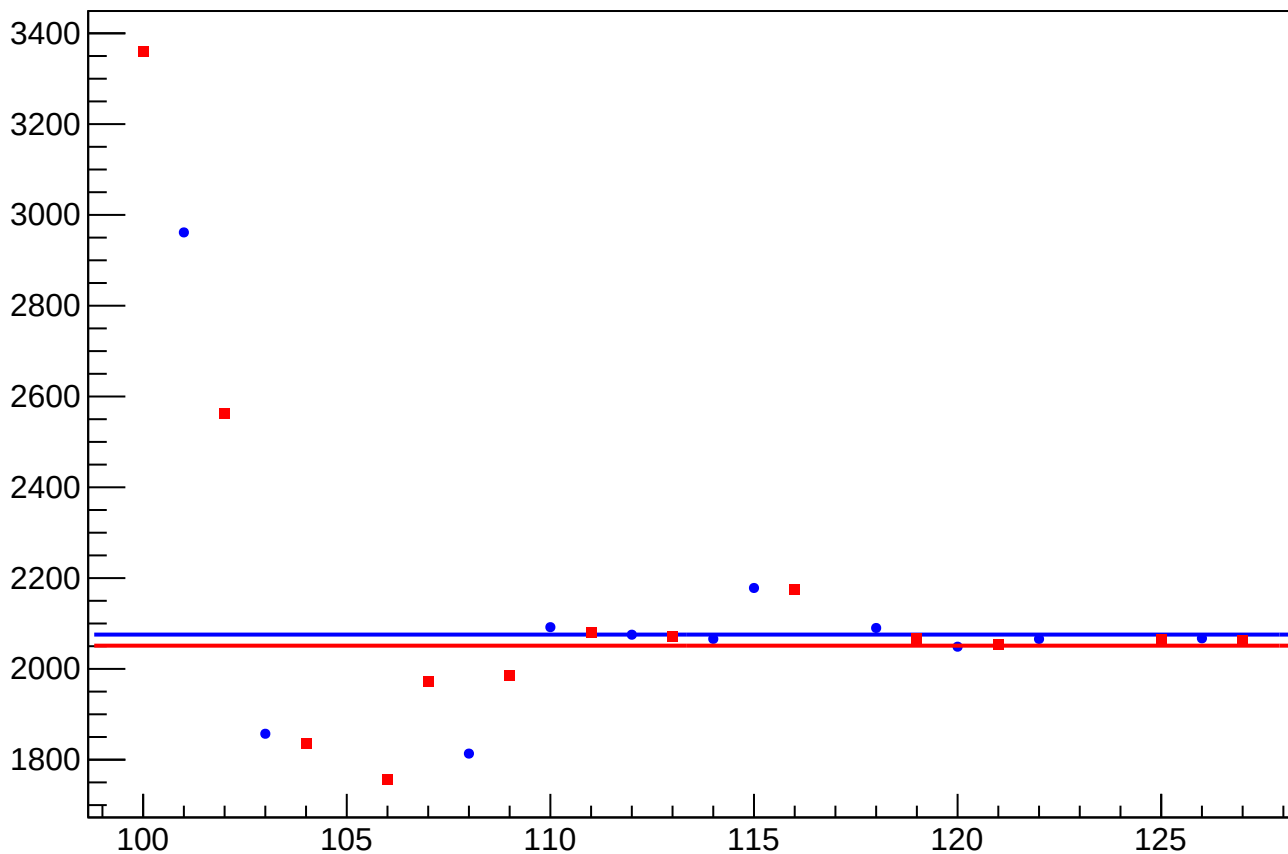
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -987.911+/-667.502 χ^2/NDF : 21.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2075.583+/-0.700 χ^2/NDF : 150658.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2051.187+/-0.639 χ^2/NDF : 98903.6/12

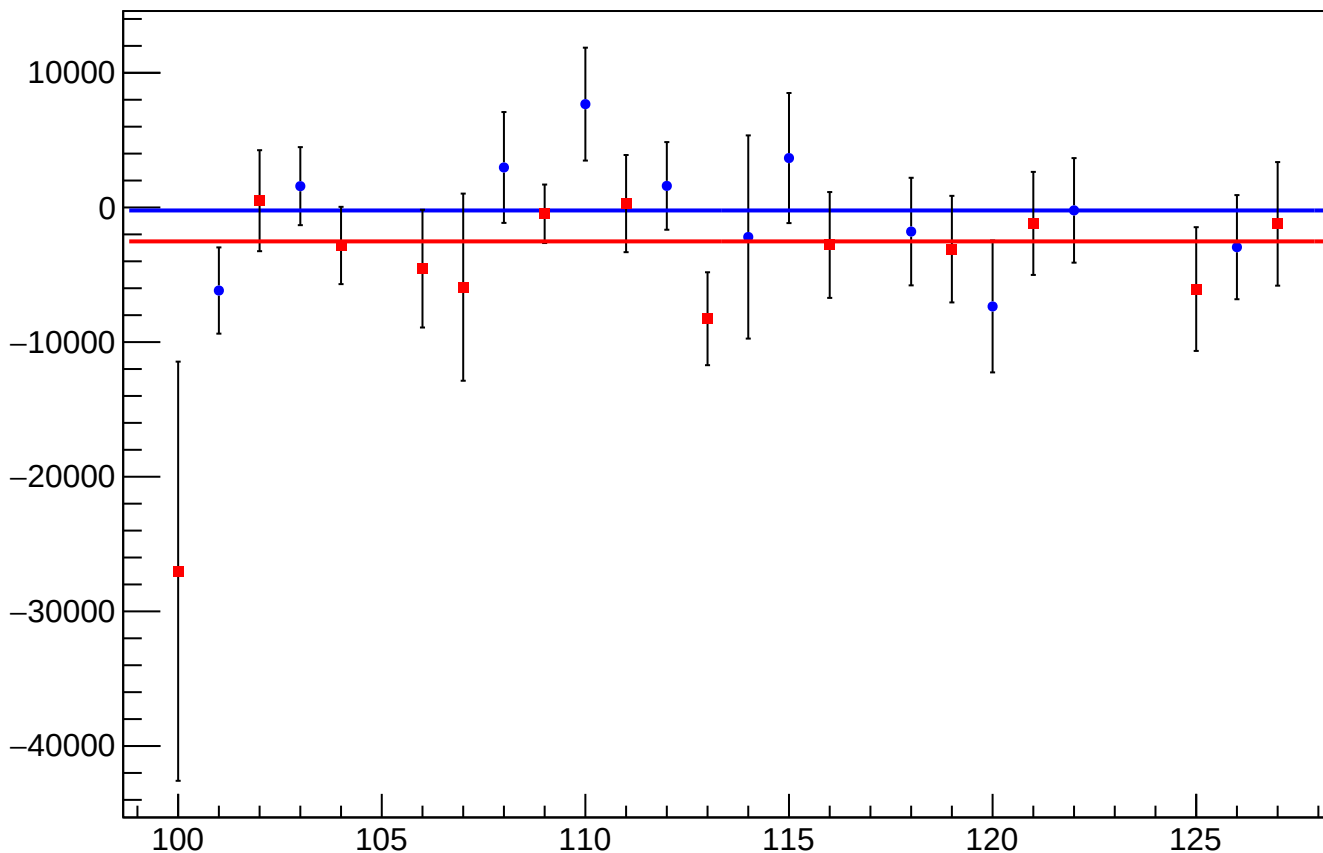
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2062.279+/-0.472 χ^2/NDF : 250224.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_mean vs Slug



Right In: -223.039+/-1174.643 χ^2/NDF : 11.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2520.474+/-1034.656 χ^2/NDF : 8.7/12

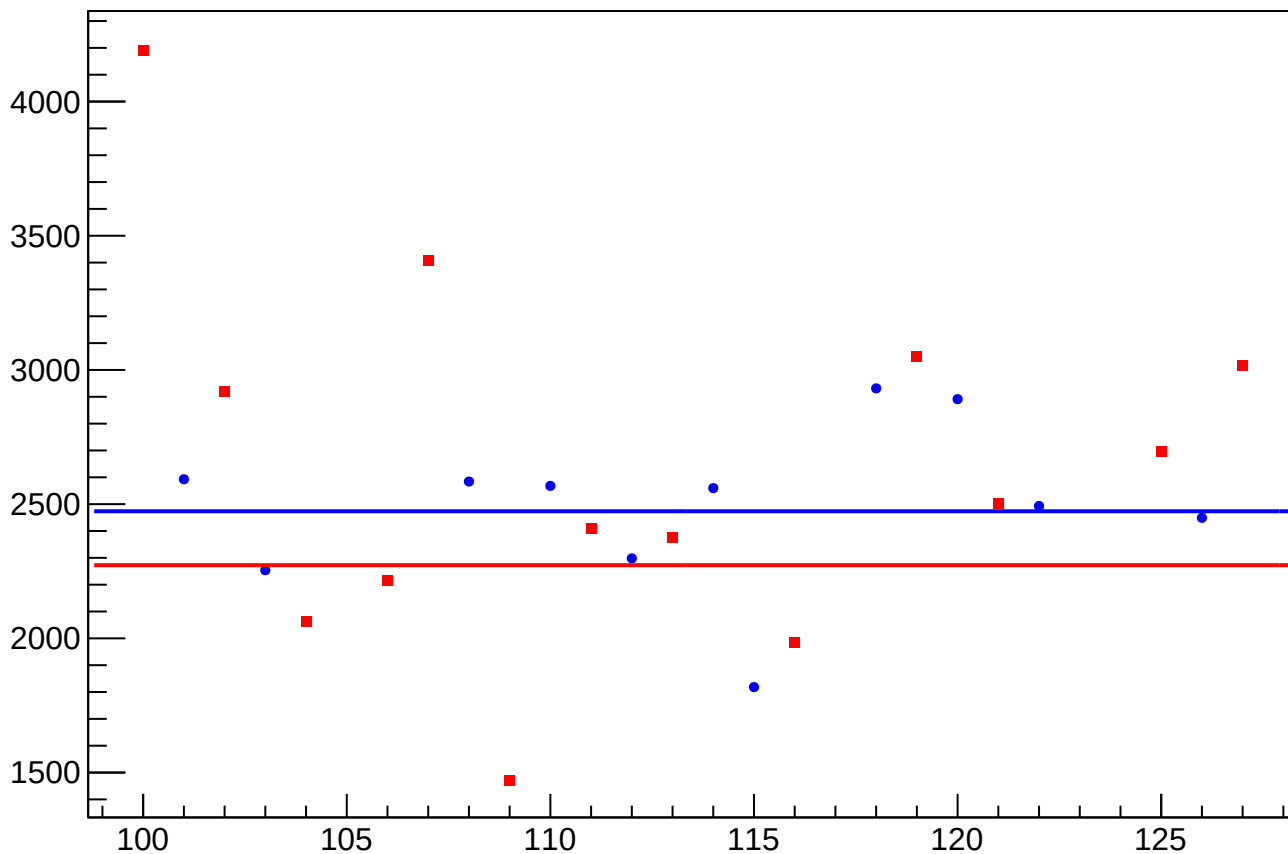
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1516.746+/-776.412 χ^2/NDF : 22.6/23

- 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: 2473.512+/-0.831 χ^2 /NDF: 100545.3/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2272.531+/-0.732 χ^2 /NDF: 596412.2/12

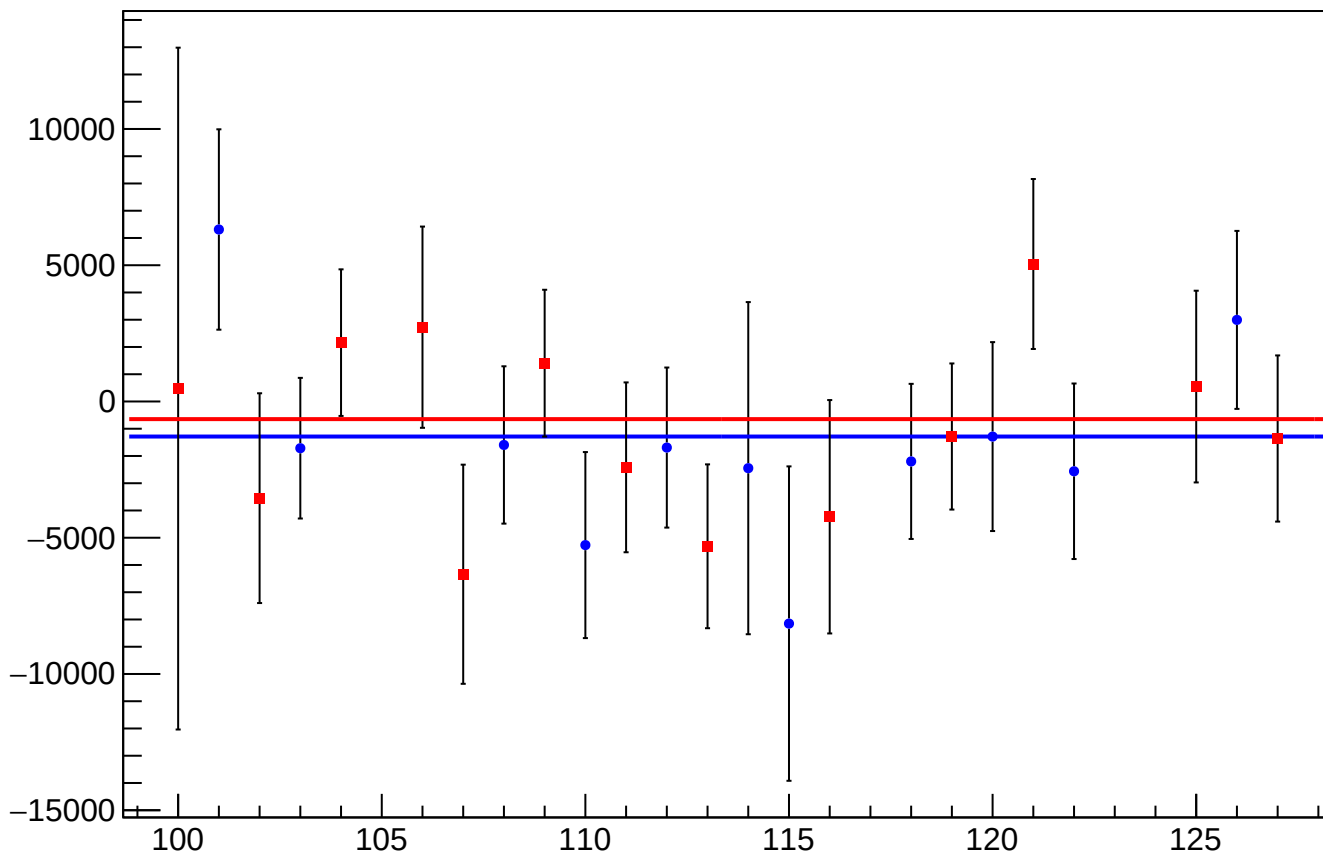
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 2360.338+/-0.549 χ^2 /NDF: 729927.8/23

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -1286.443 ± 1000.176 χ^2/NDF : 9.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -647.385 ± 919.202 χ^2/NDF : 12.1/12

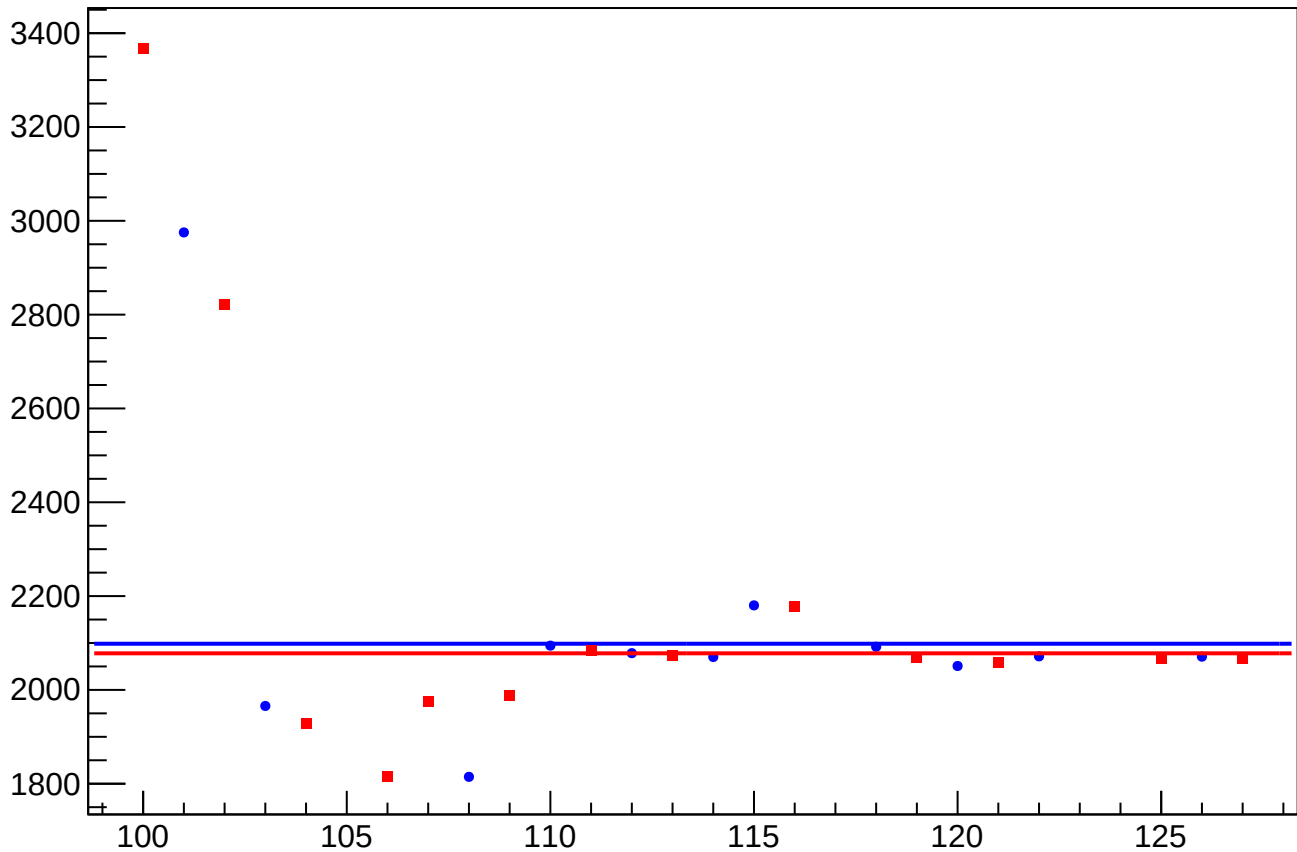
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -940.002 ± 676.793 χ^2/NDF : 21.4/23

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2098.431+/-0.707 χ^2/NDF : 139544.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

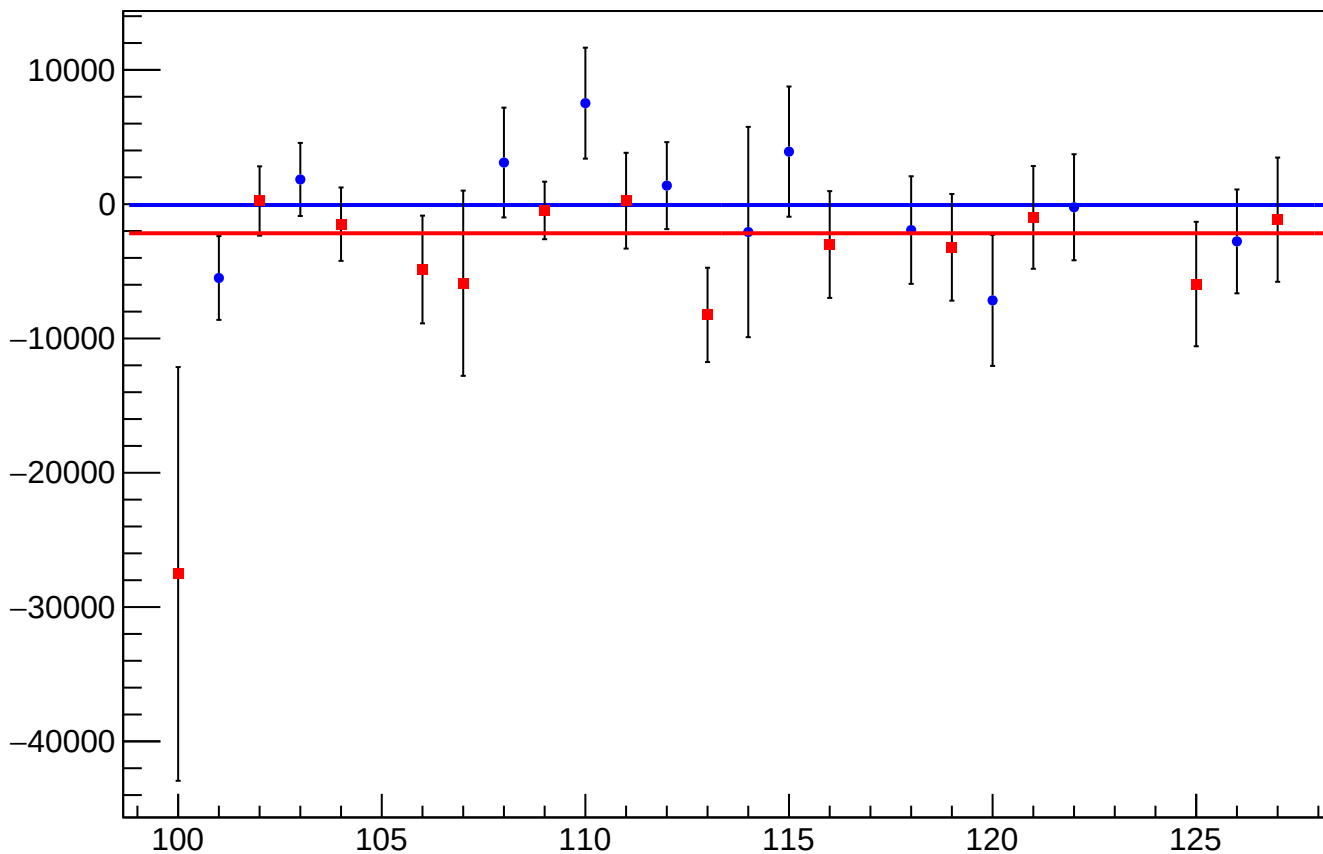
Right Out: 2077.997+/-0.650 χ^2/NDF : 116856.9/12

All: 2087.354+/-0.479 χ^2/NDF : 256853.6/23

- 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_avg_dit_correction_mean vs Slug



Right In: -62.009+/-1157.981 χ^2/NDF : 11.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2165.127+/-981.624 χ^2/NDF : 9.4/12

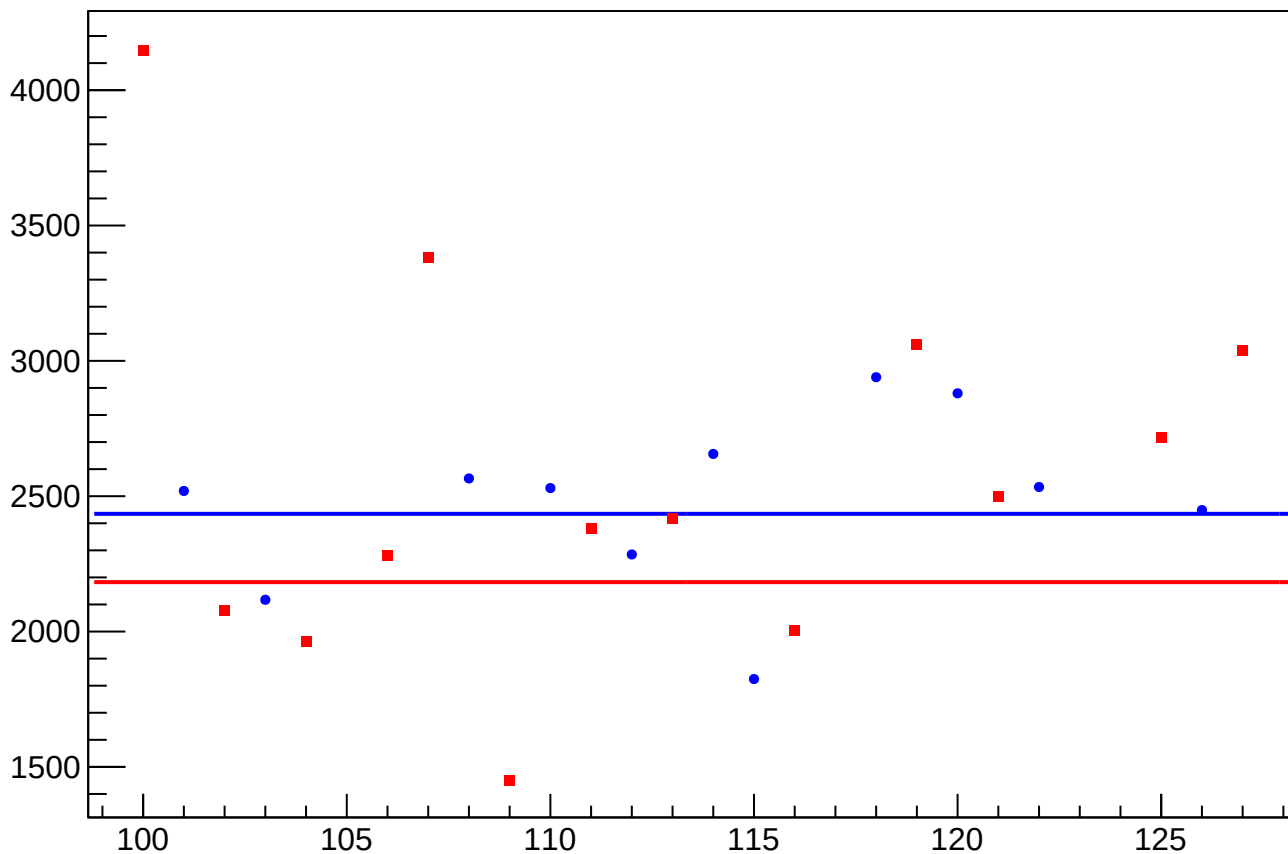
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1285.747+/-748.786 χ^2/NDF : 22.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_dit_correction_rms vs Slug



Right In: 2434.864 $\pm$ 0.819 χ^2 /NDF: 119046.6/10

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

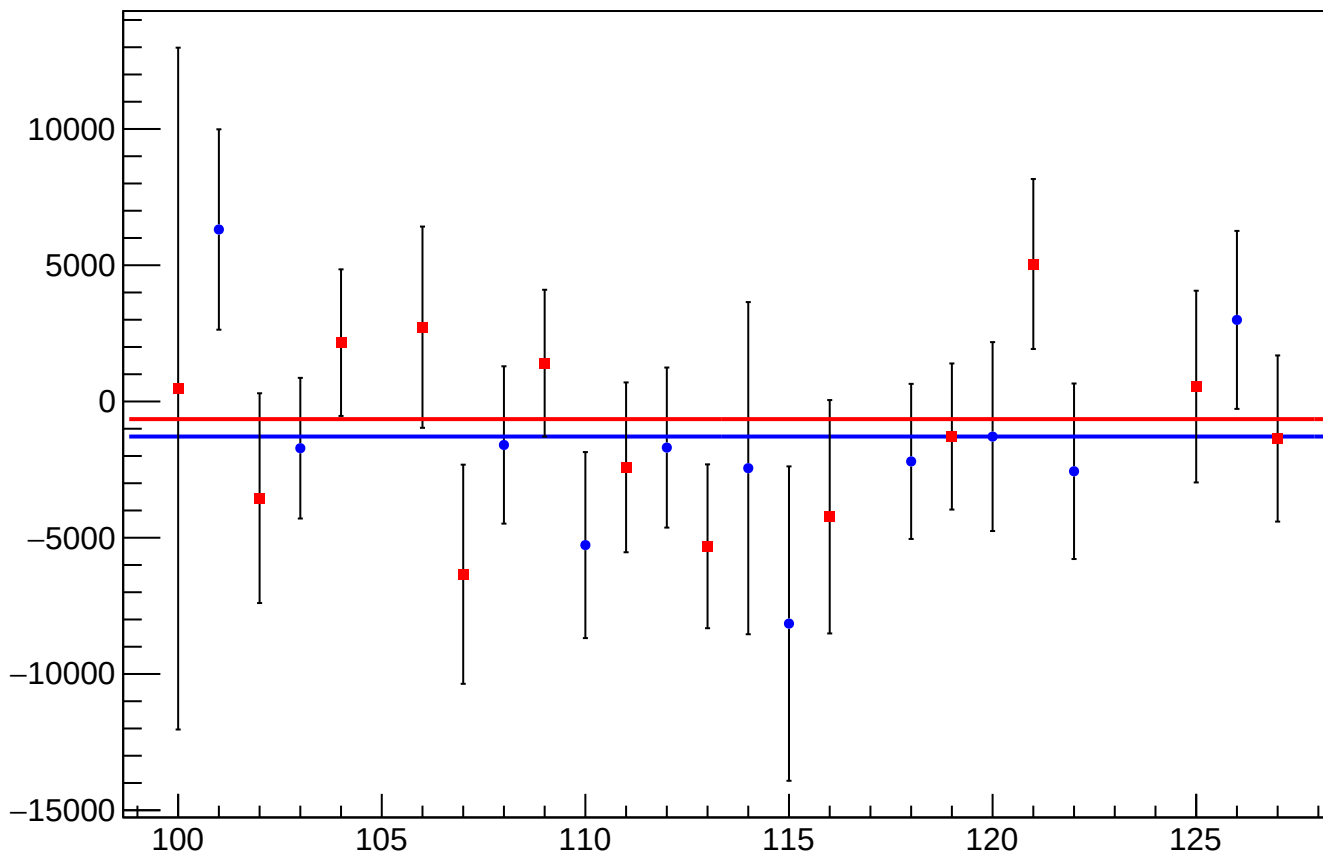
Right Out: 2182.550 $\pm$ 0.694 χ^2 /NDF: 570124.4/12

All: 2288.051 $\pm$ 0.529 χ^2 /NDF: 744421.3/23

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- 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: -1286.437 $\pm$ 1000.176 χ^2 /NDF: 9.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -647.382 $\pm$ 919.202 χ^2 /NDF: 12.1/12

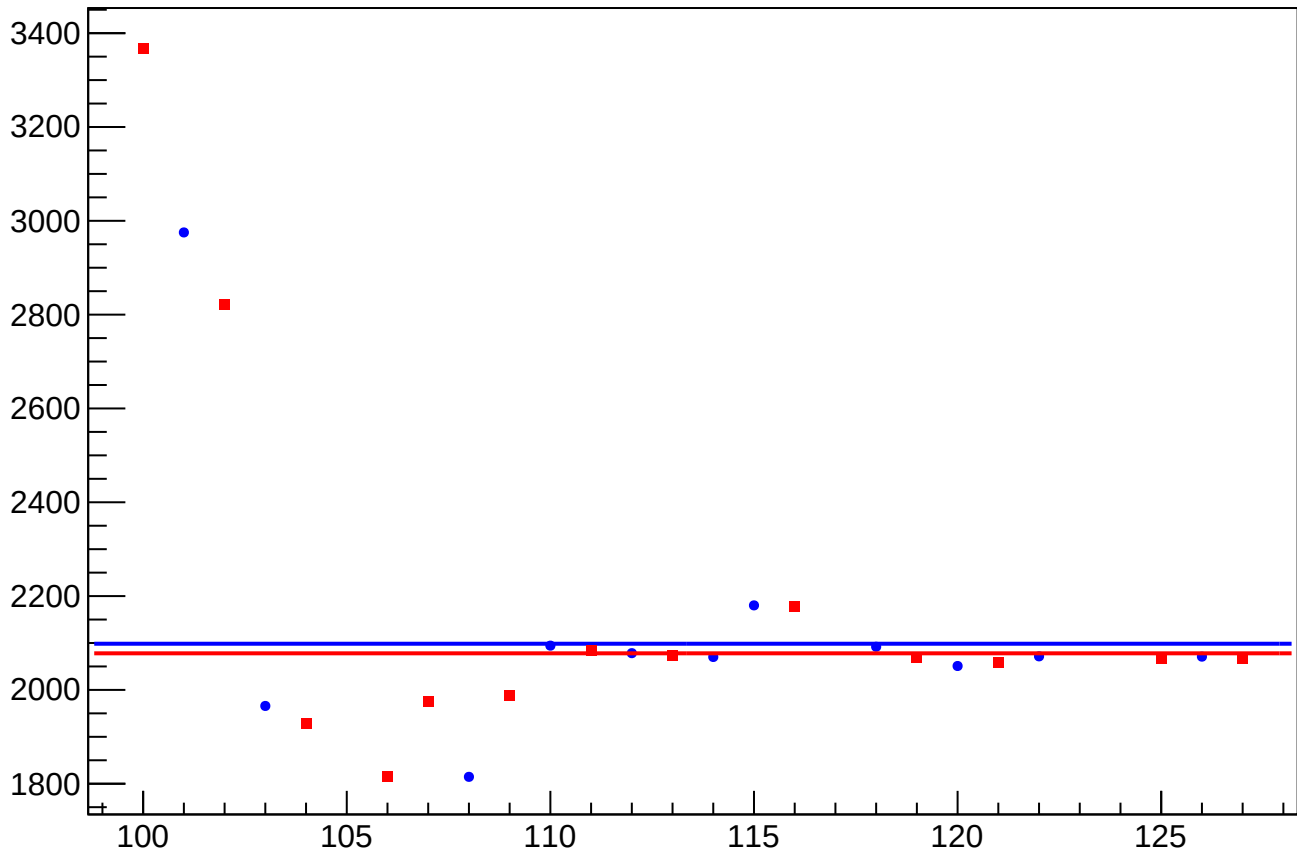
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -939.997 $\pm$ 676.793 χ^2 /NDF: 21.4/23

- 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: 2098.431+/-0.707 χ^2/NDF : 139544.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

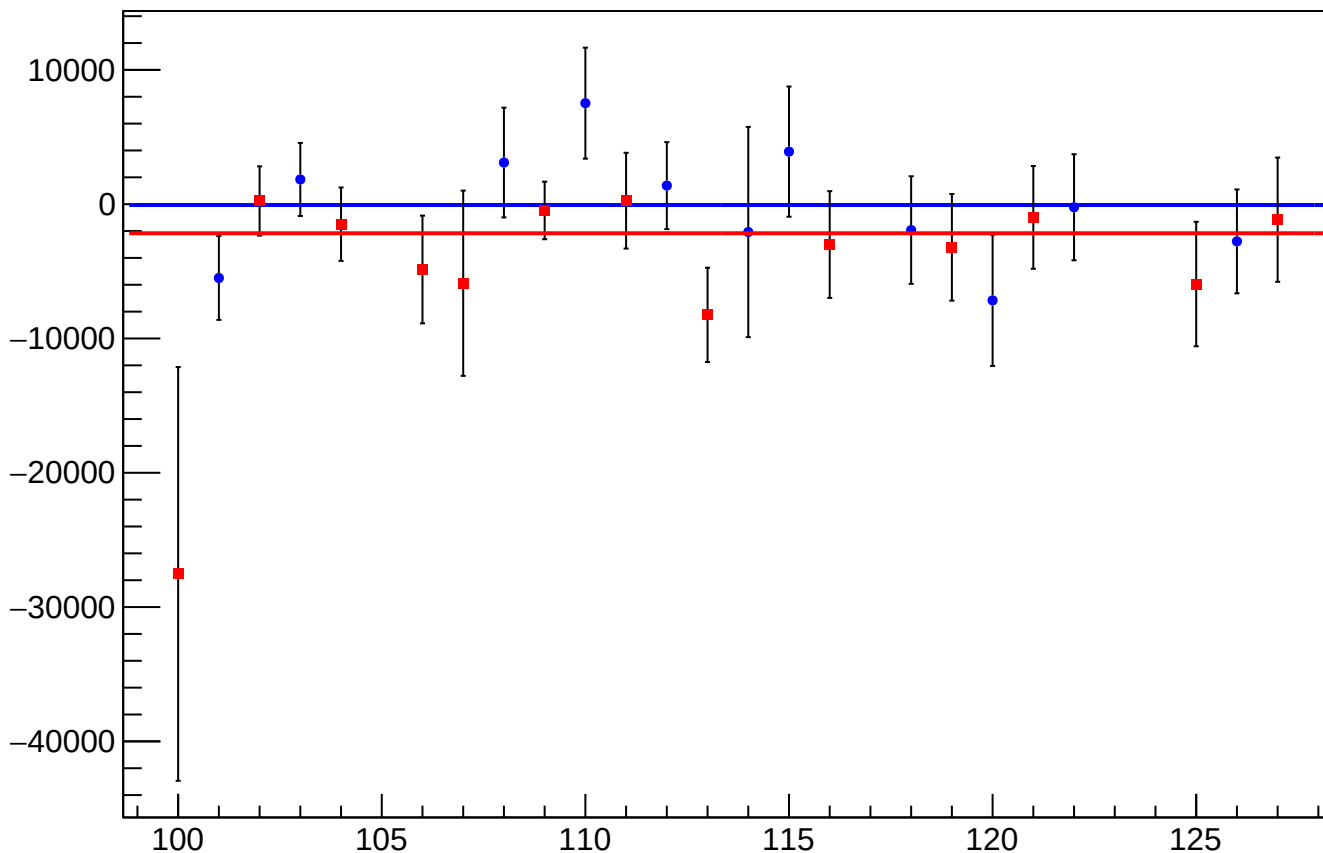
Right Out: 2077.997+/-0.650 χ^2/NDF : 116856.8/12

All: 2087.354+/-0.479 χ^2/NDF : 256853.4/23

- 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_avg_eigen_dit_correction_mean vs Slug



Right In: -62.012 $\pm$ 1157.978 χ^2 /NDF: 11.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2165.131 $\pm$ 981.625 χ^2 /NDF: 9.4/12

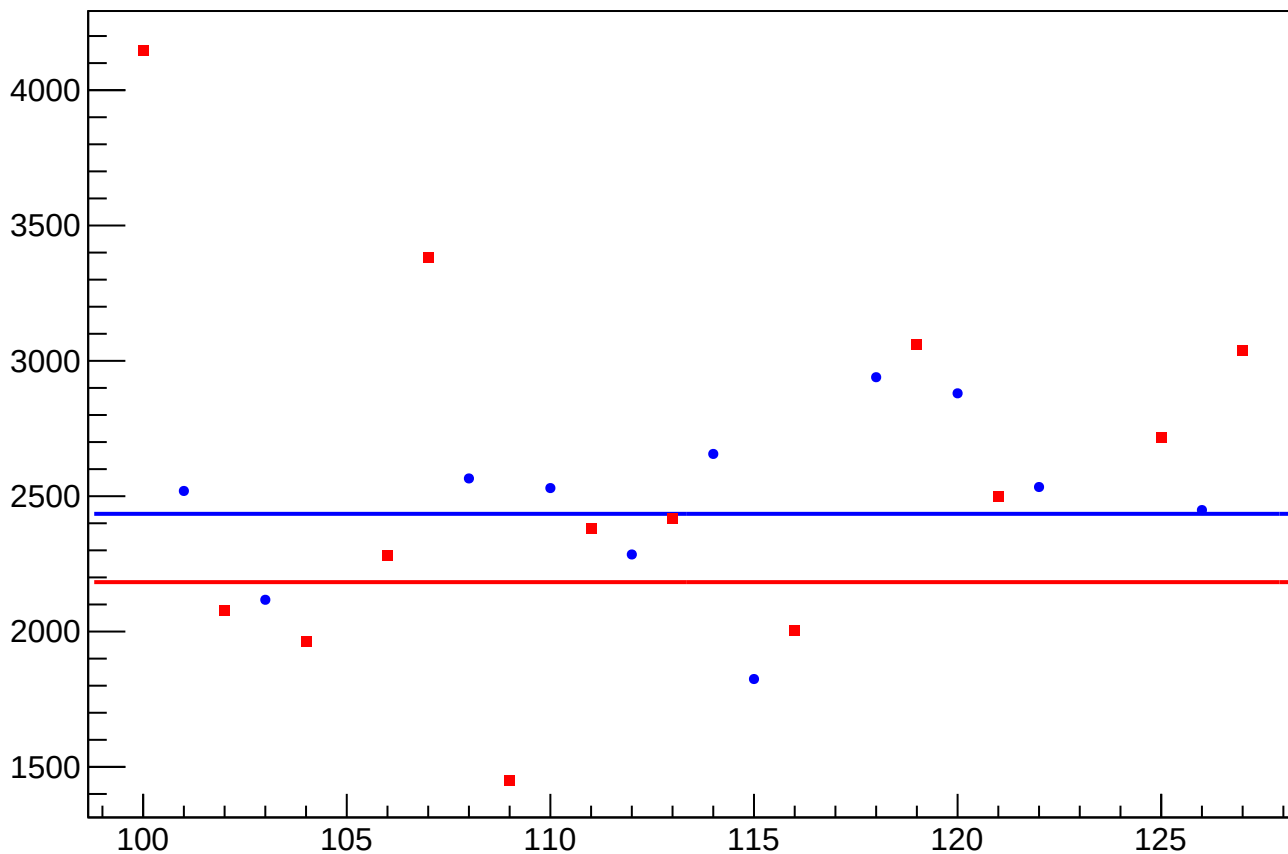
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1285.748 $\pm$ 748.786 χ^2 /NDF: 22.6/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_rms vs Slug



Right In: 2434.859+/-0.819 χ^2/NDF : 119041.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2182.554+/-0.694 χ^2/NDF : 570108.3/12

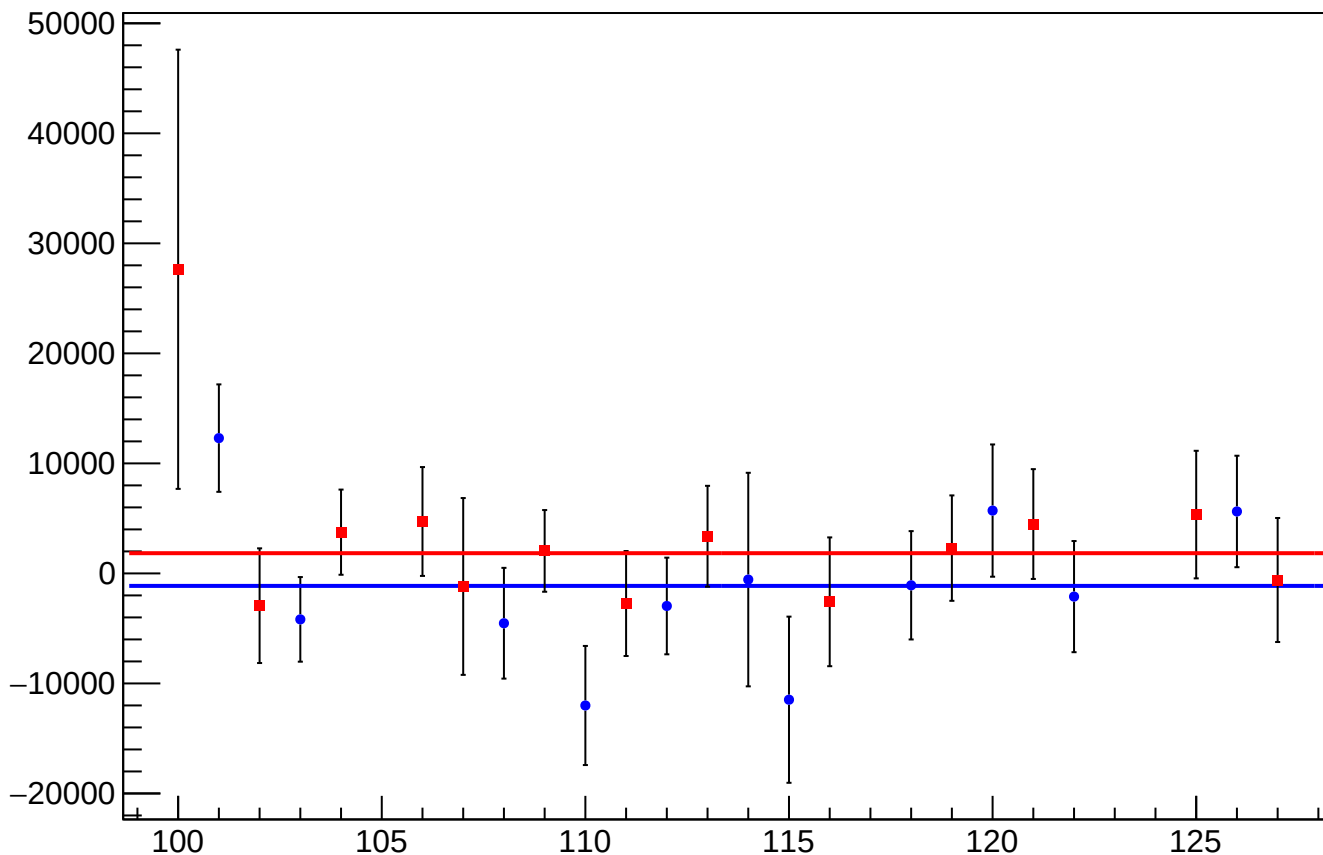
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2288.051+/-0.529 χ^2/NDF : 744396.9/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -1135.131+/-1561.301 χ^2/NDF : 17.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1837.882+/-1413.287 χ^2/NDF : 5.7/12

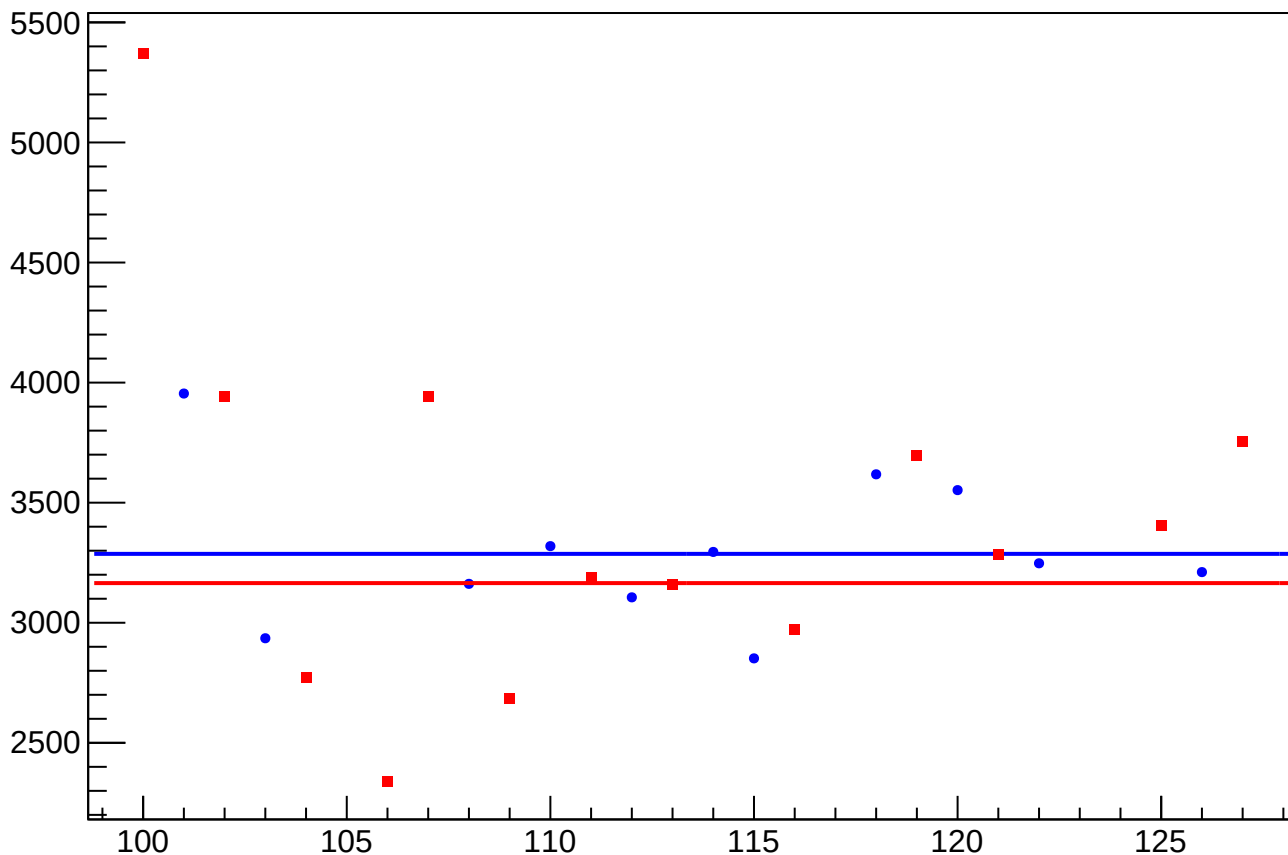
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 498.946+/-1047.775 χ^2/NDF : 25.5/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 3286.849+/-1.104 χ^2/NDF : 78957.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3165.121+/-0.999 χ^2/NDF : 250868.4/12

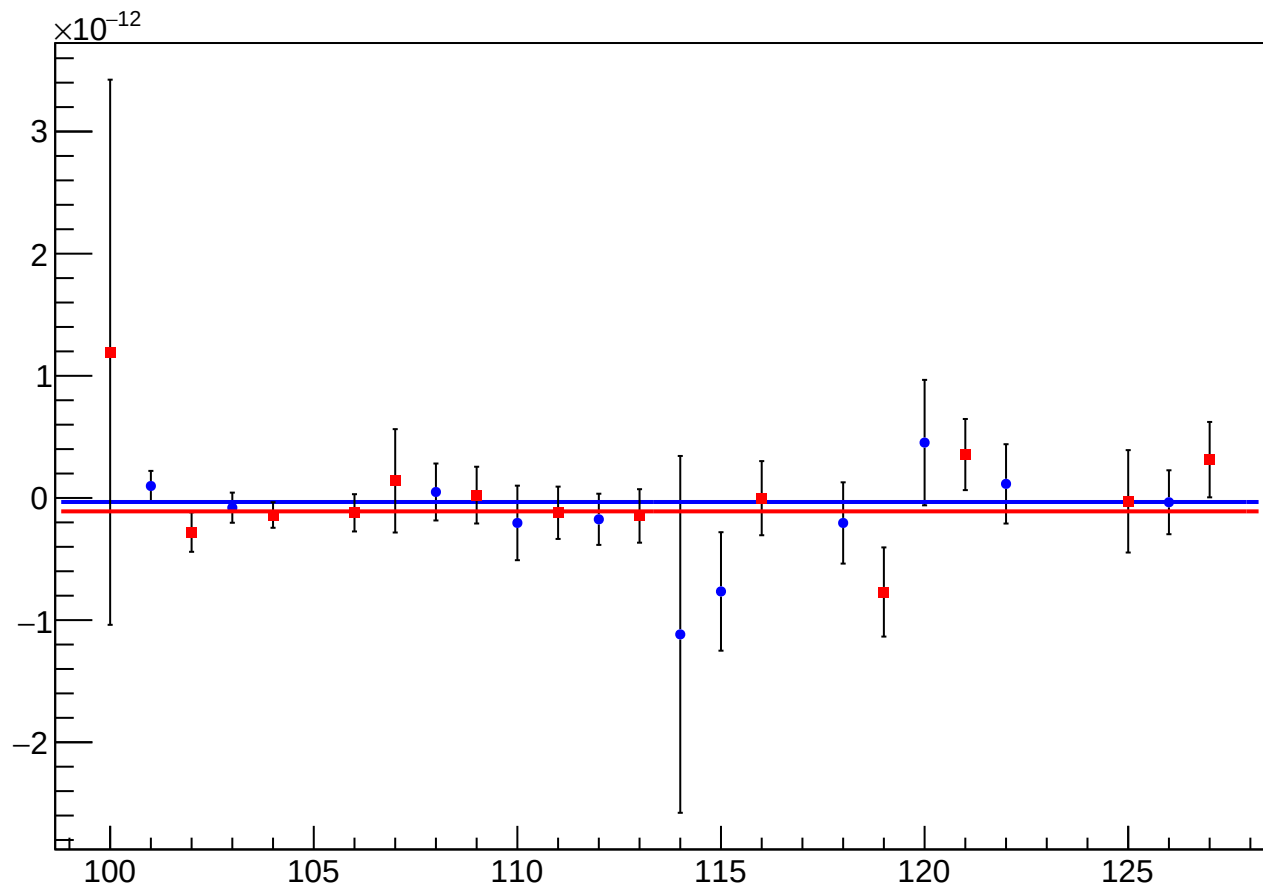
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3219.941+/-0.741 χ^2/NDF : 336507.7/23

- 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: 6.4/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 10.1/12

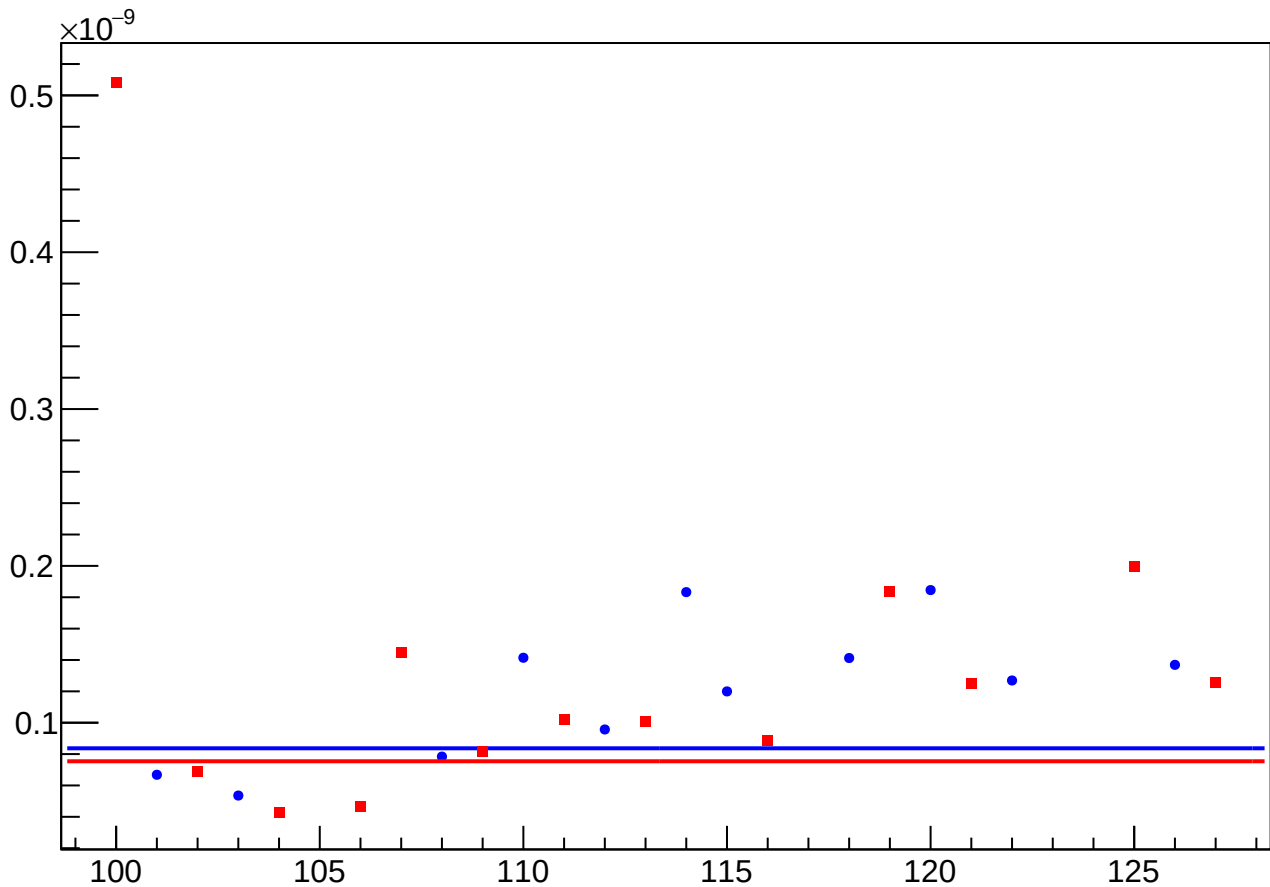
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 17.2/23

- 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 : 511604.5/10

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 +/- 0.000 χ^2/NDF : 925293.9/12

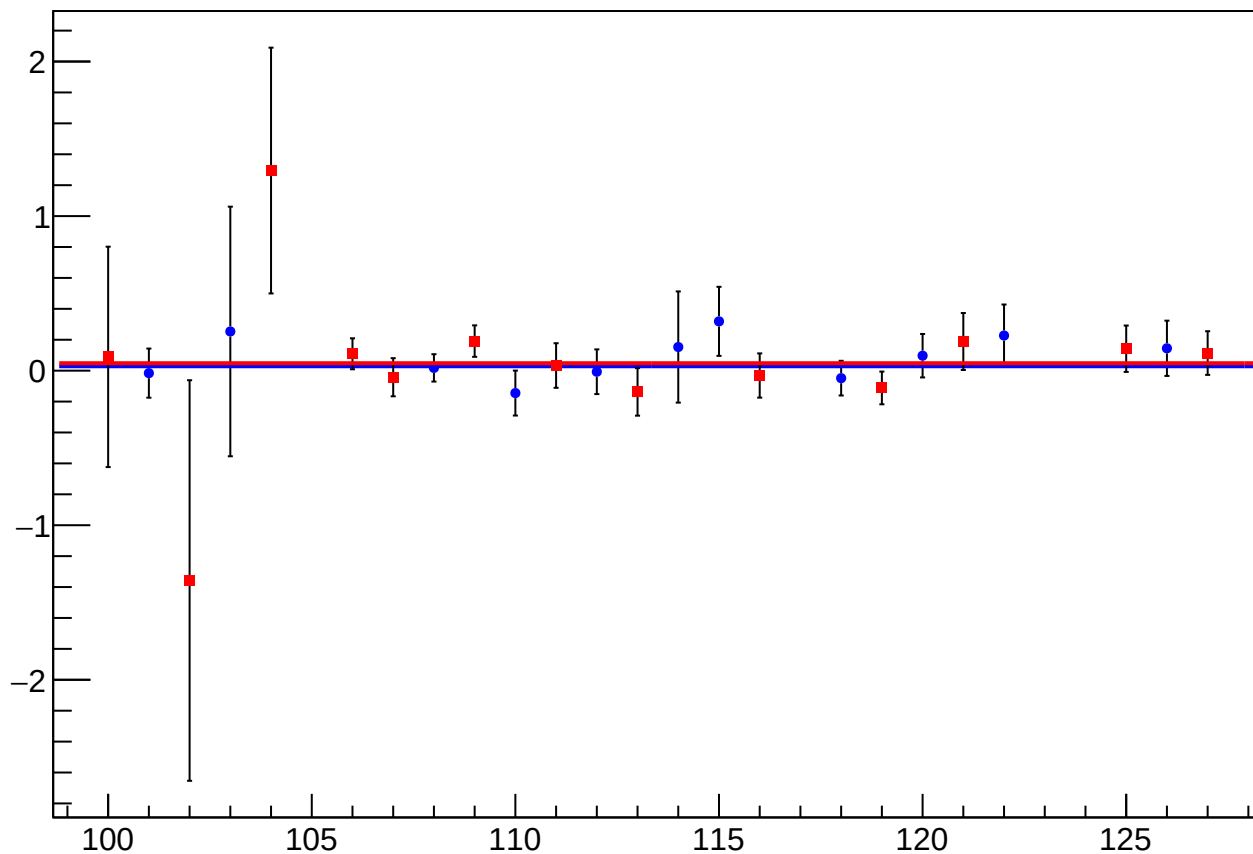
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 0.000 +/- 0.000 χ^2/NDF : 1454130.9/23

- 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: 0.029 $\pm$ 0.046 χ^2 /NDF: 5.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.048 $\pm$ 0.040 χ^2 /NDF: 11.8/12

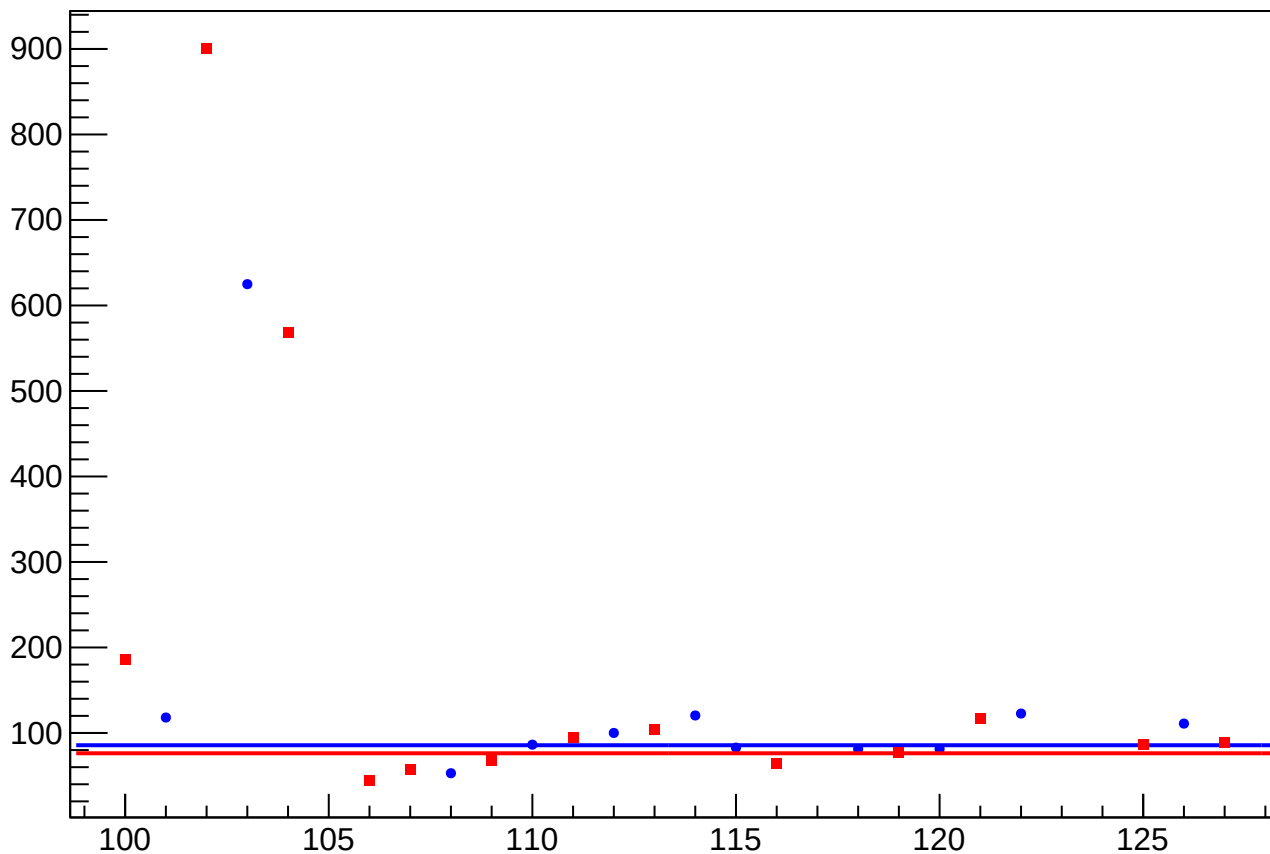
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.040 $\pm$ 0.030 χ^2 /NDF: 17.5/23

- 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: 85.665+/-0.032 χ^2/NDF : 1400518.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.259+/-0.028 χ^2/NDF : 2130875.2/12

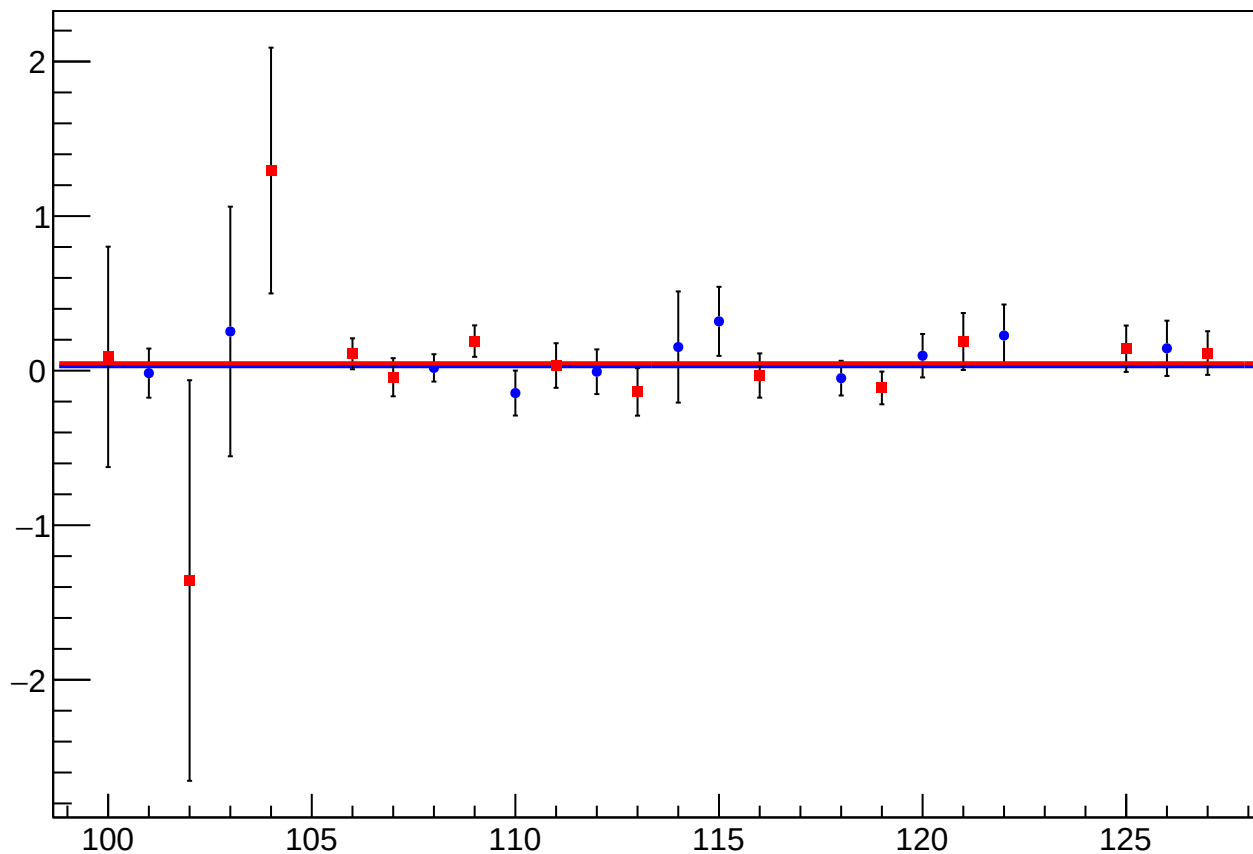
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.357+/-0.021 χ^2/NDF : 3579078.8/23

- 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: 0.029+/-0.046 χ^2/NDF : 5.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.048+/-0.040 χ^2/NDF : 11.8/12

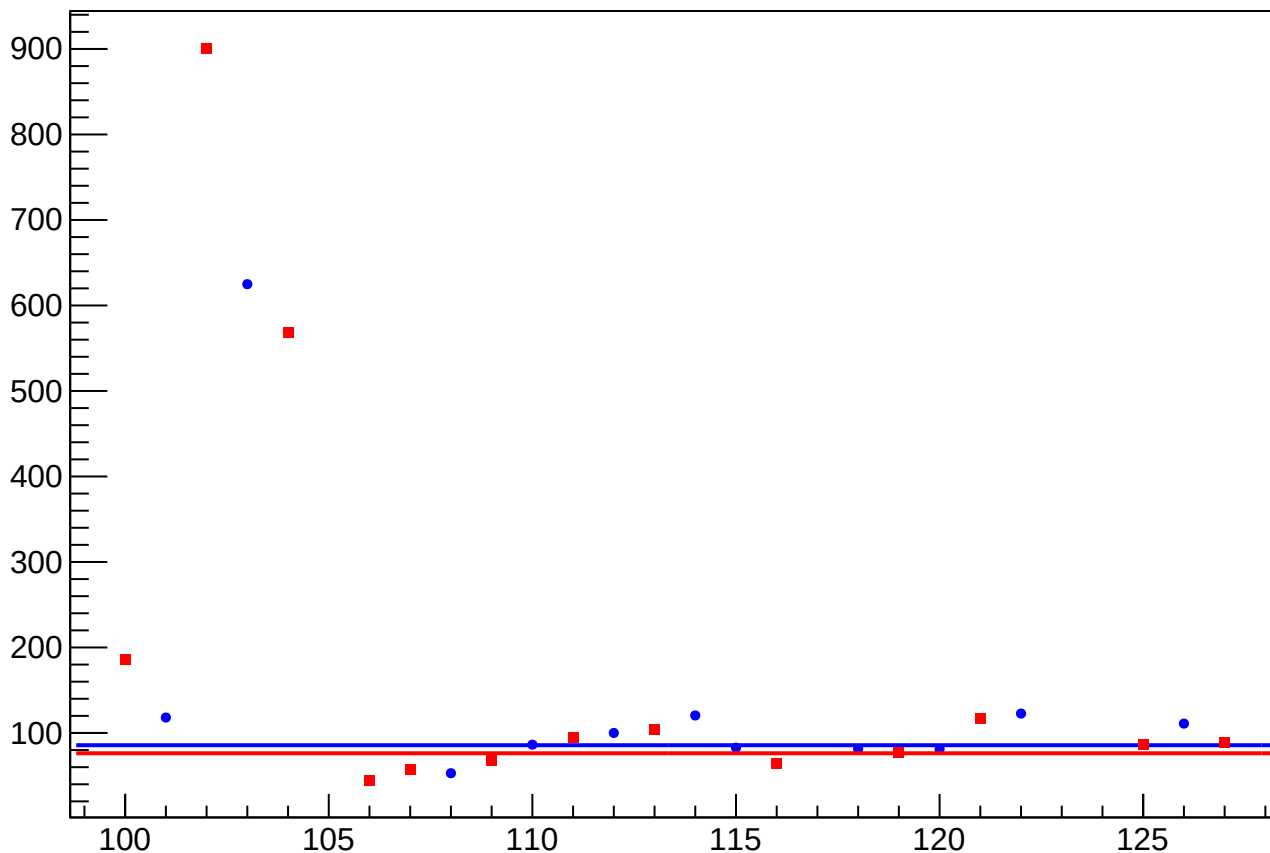
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.040+/-0.030 χ^2/NDF : 17.5/23

- 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: 85.665+/-0.032 χ^2/NDF : 1400518.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.259+/-0.028 χ^2/NDF : 2130875.2/12

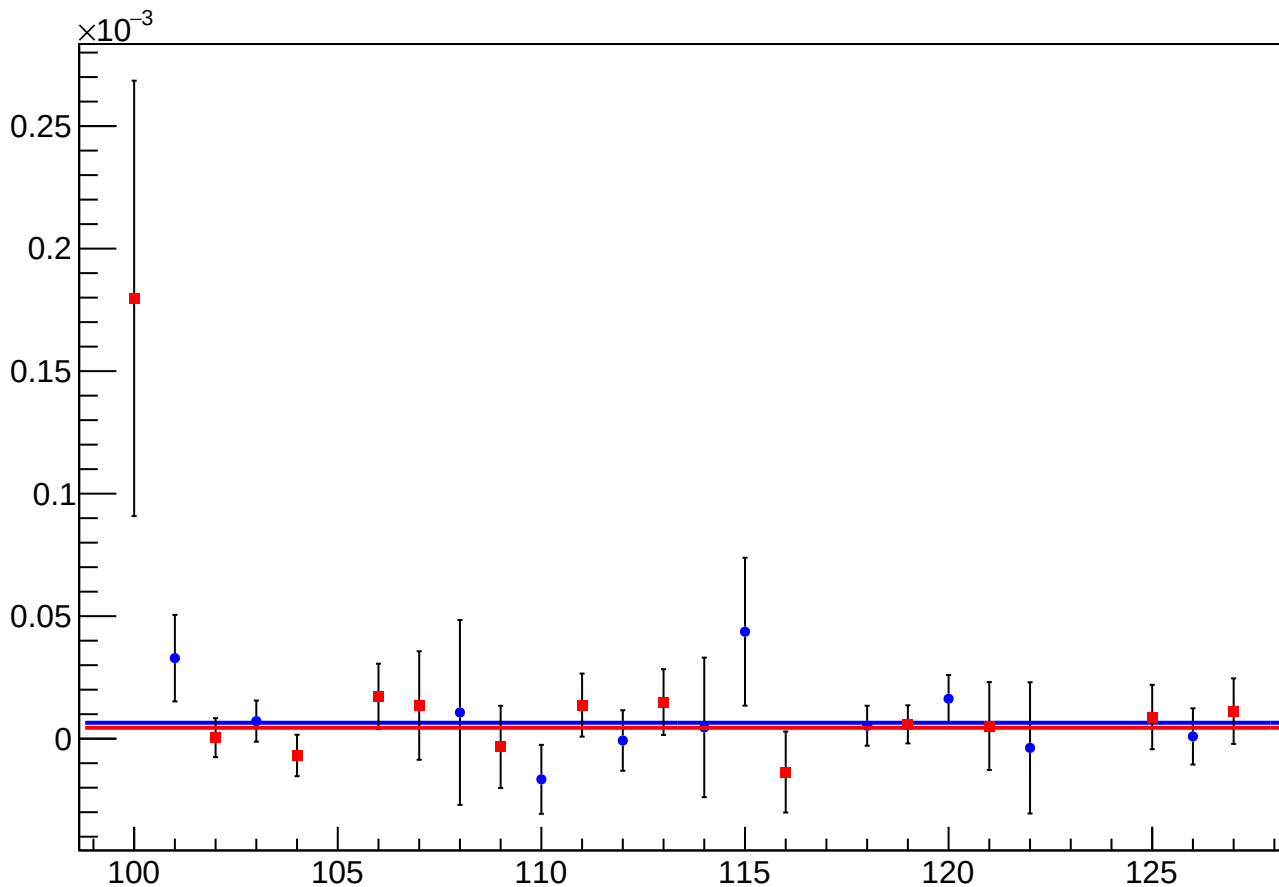
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.357+/-0.021 χ^2/NDF : 3579078.8/23

- 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 : 8.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.0/12

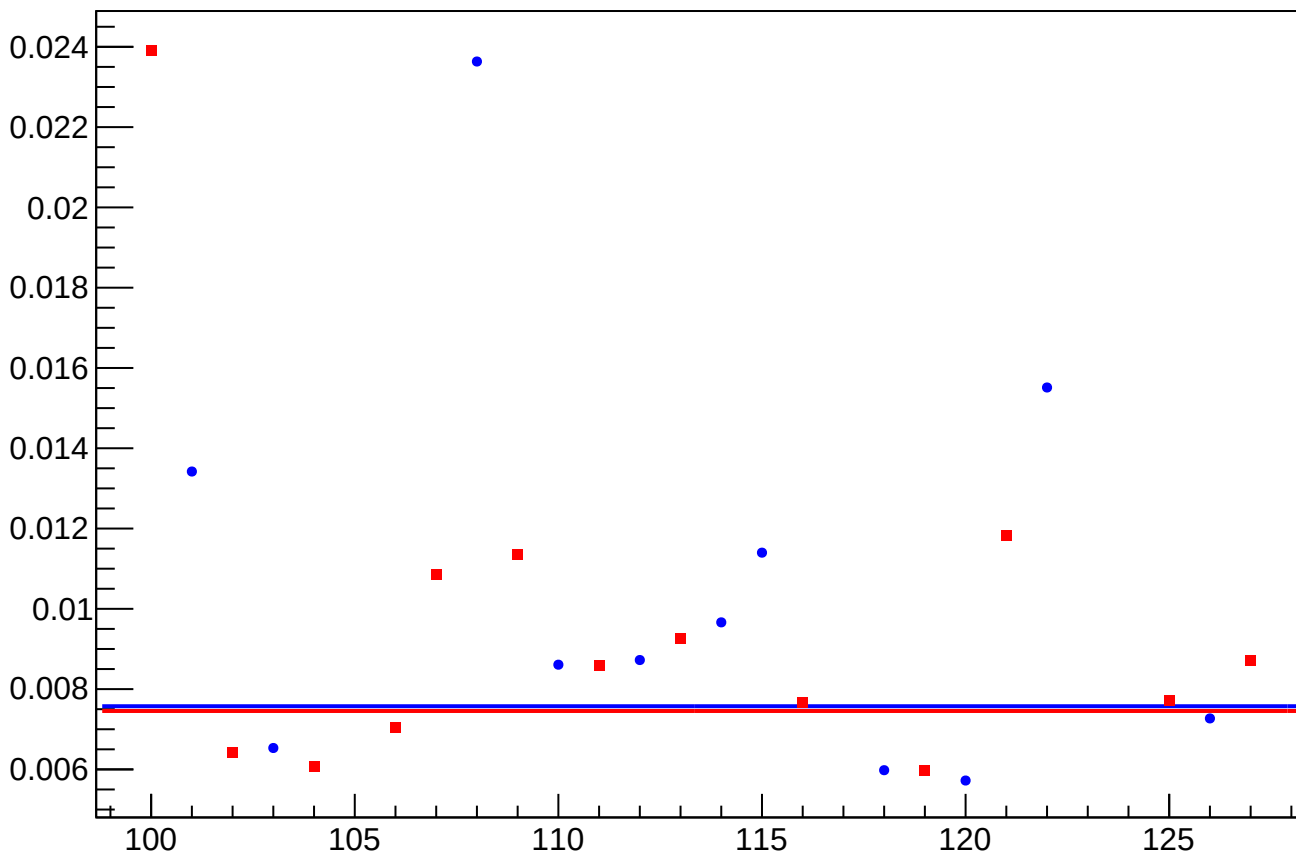
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.4/23

- 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 : 1010273.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 575448.4/12

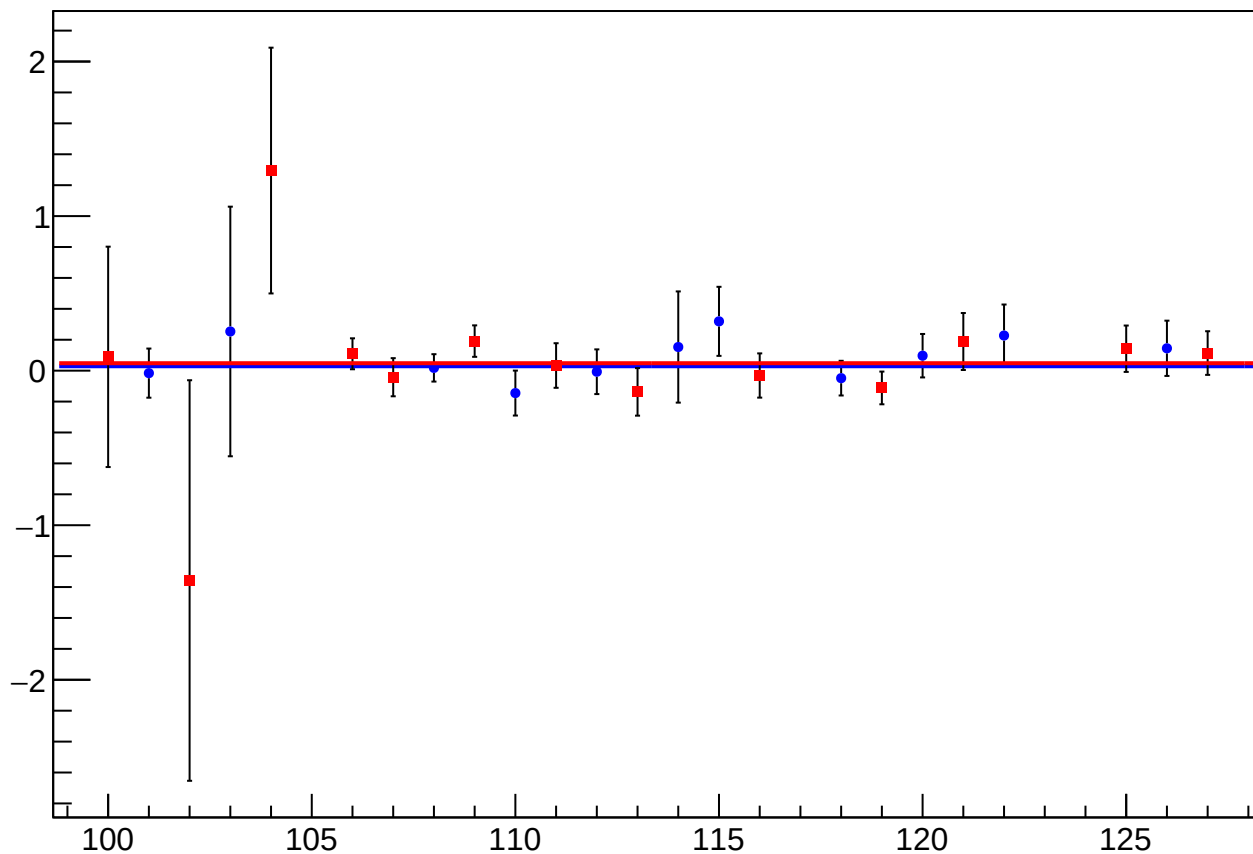
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 1586777.1/23

- 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: 0.029 $\pm$ 0.046 χ^2 /NDF: 5.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.048 $\pm$ 0.040 χ^2 /NDF: 11.8/12

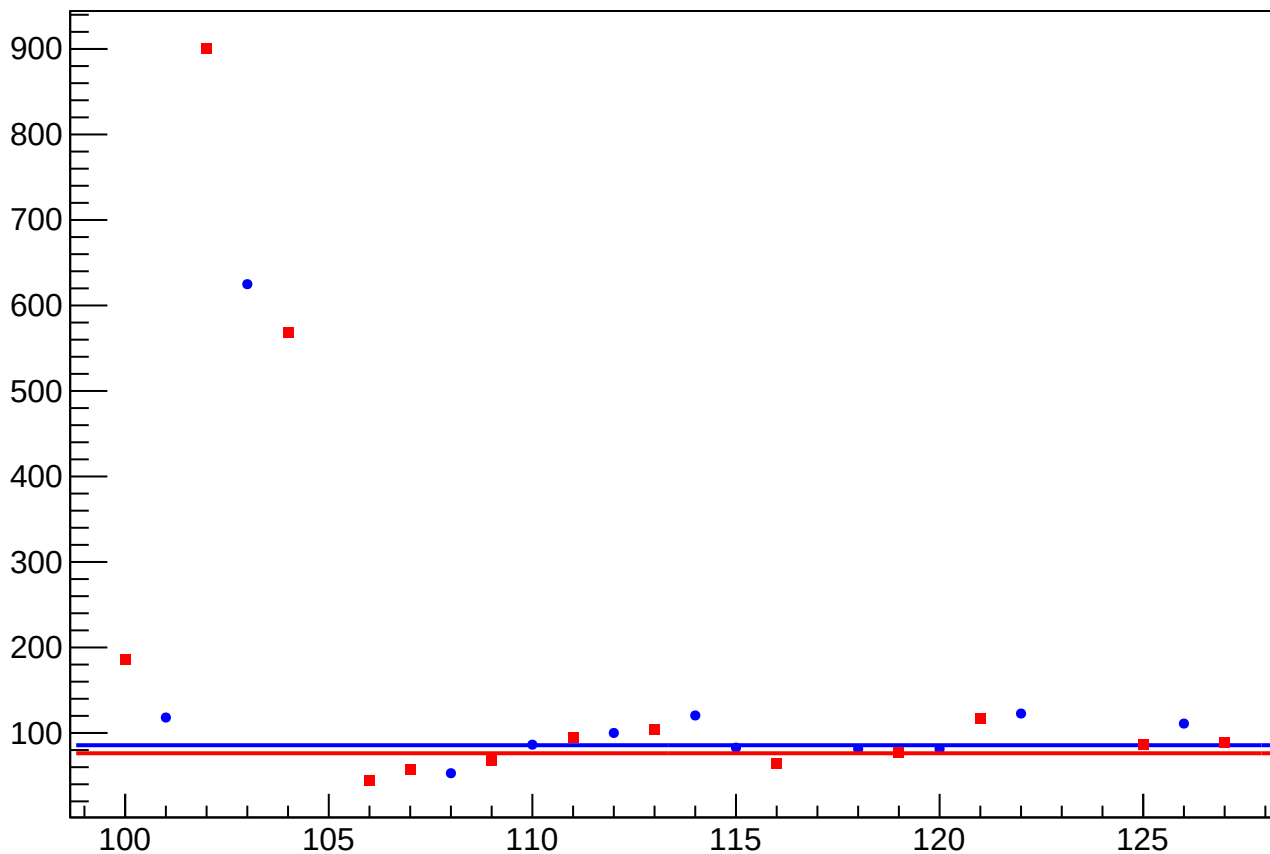
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.040 $\pm$ 0.030 χ^2 /NDF: 17.4/23

- 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: 85.670+/-0.032 χ^2/NDF : 1400316.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.259+/-0.028 χ^2/NDF : 2130857.7/12

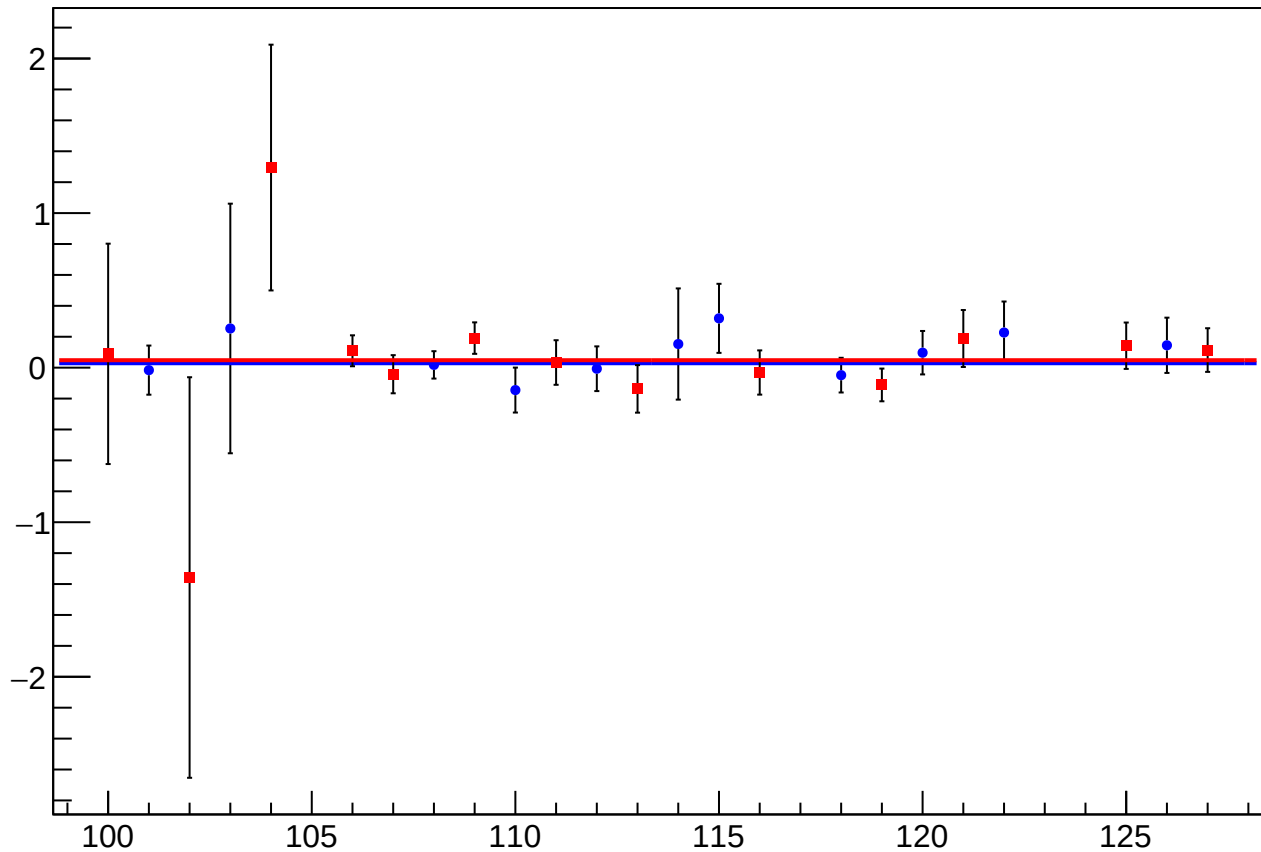
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.359+/-0.021 χ^2/NDF : 3578909.7/23

- 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: 0.029 $\pm$ 0.046 χ^2 /NDF: 5.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.048 $\pm$ 0.040 χ^2 /NDF: 11.8/12

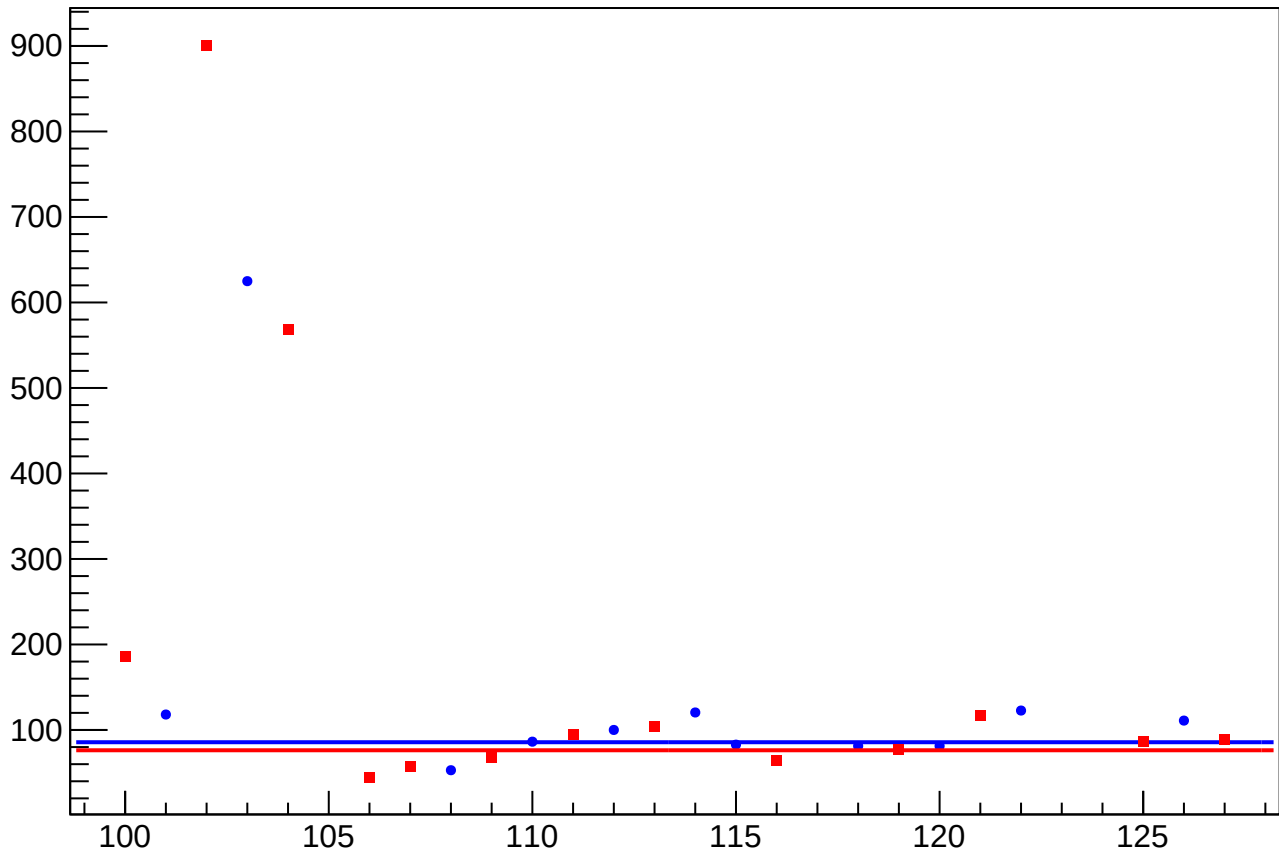
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.040 $\pm$ 0.030 χ^2 /NDF: 17.4/23

- sign 0.000 $\pm$ 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: 85.670+/-0.032 χ^2/NDF : 1400316.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.259+/-0.028 χ^2/NDF : 2130857.7/12

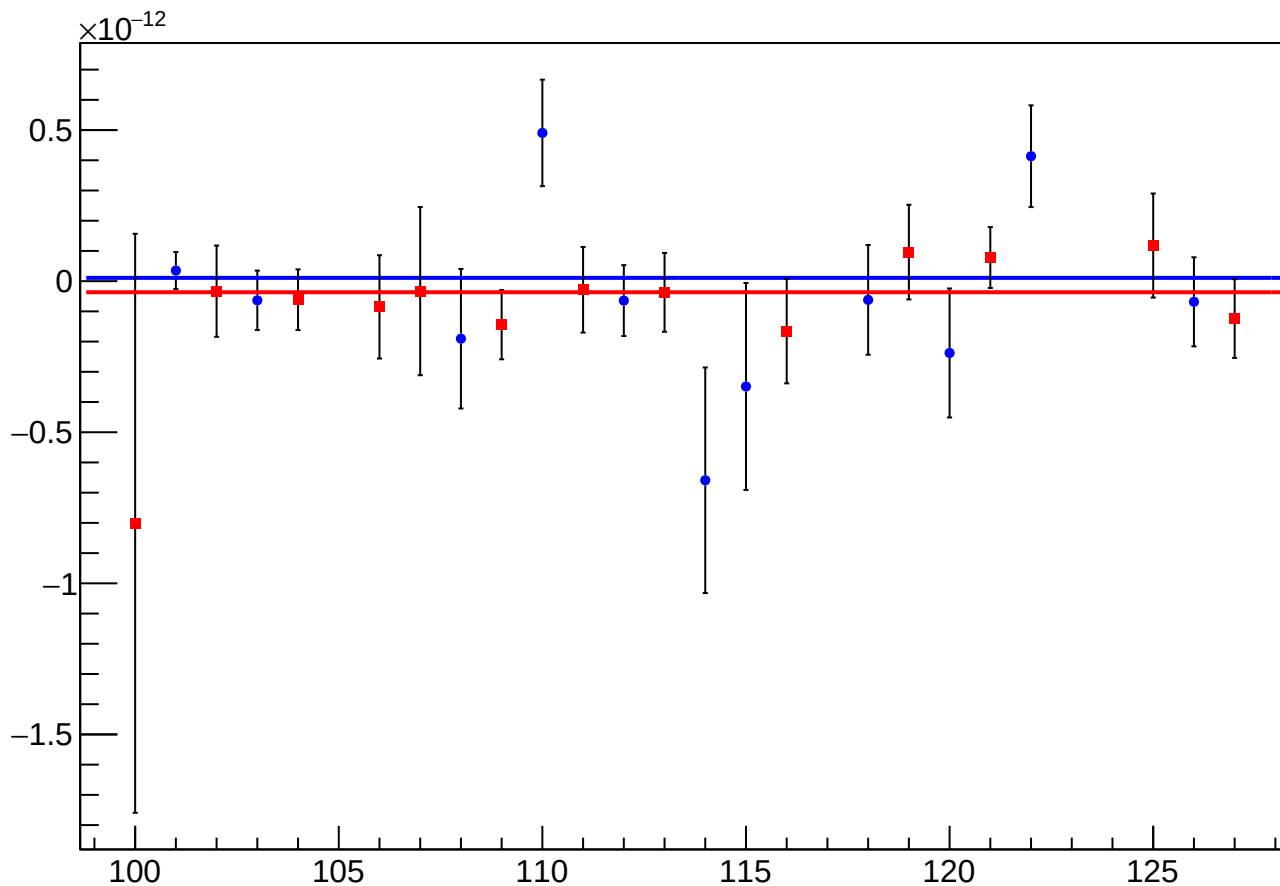
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.359+/-0.021 χ^2/NDF : 3578909.7/23

- sign 0.000+/-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+/-0.000 χ^2/NDF : 21.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.5/12

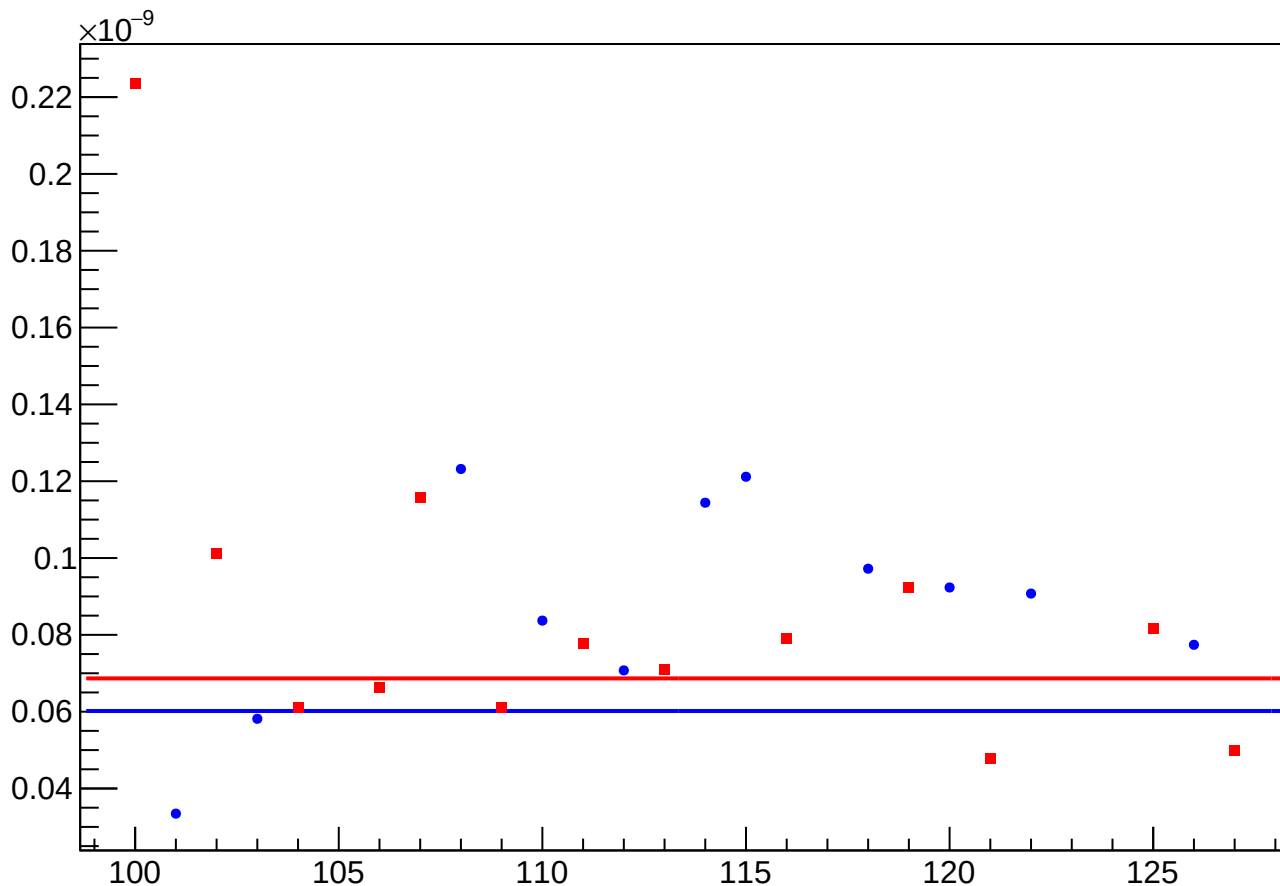
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.4/23

- sign 0.000+/-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 : 909488.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 422568.1/12

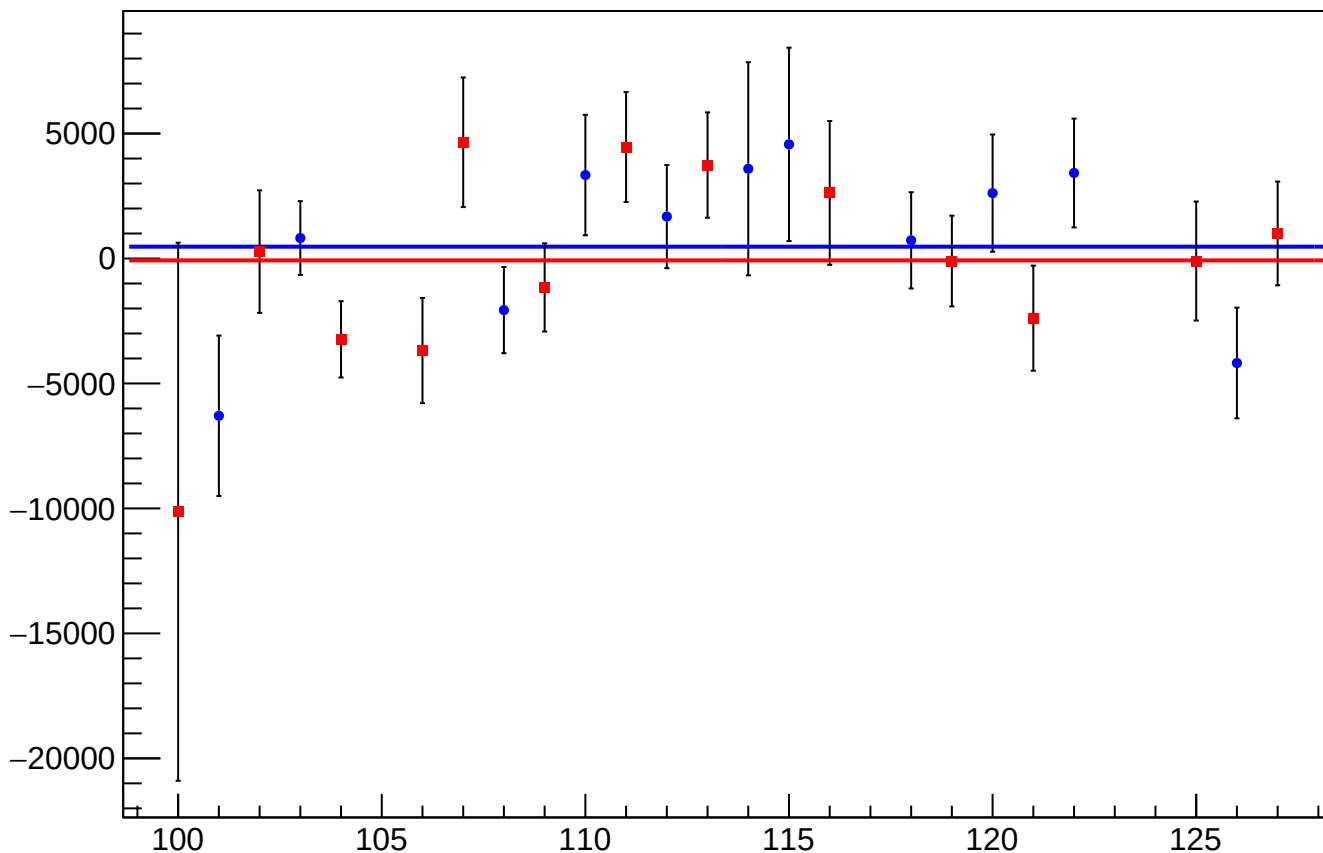
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1378341.9/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_dd_mean vs Slug



Right In: 472.930+/-661.077 χ^2/NDF : 17.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -76.663+/-598.512 χ^2/NDF : 21.7/12

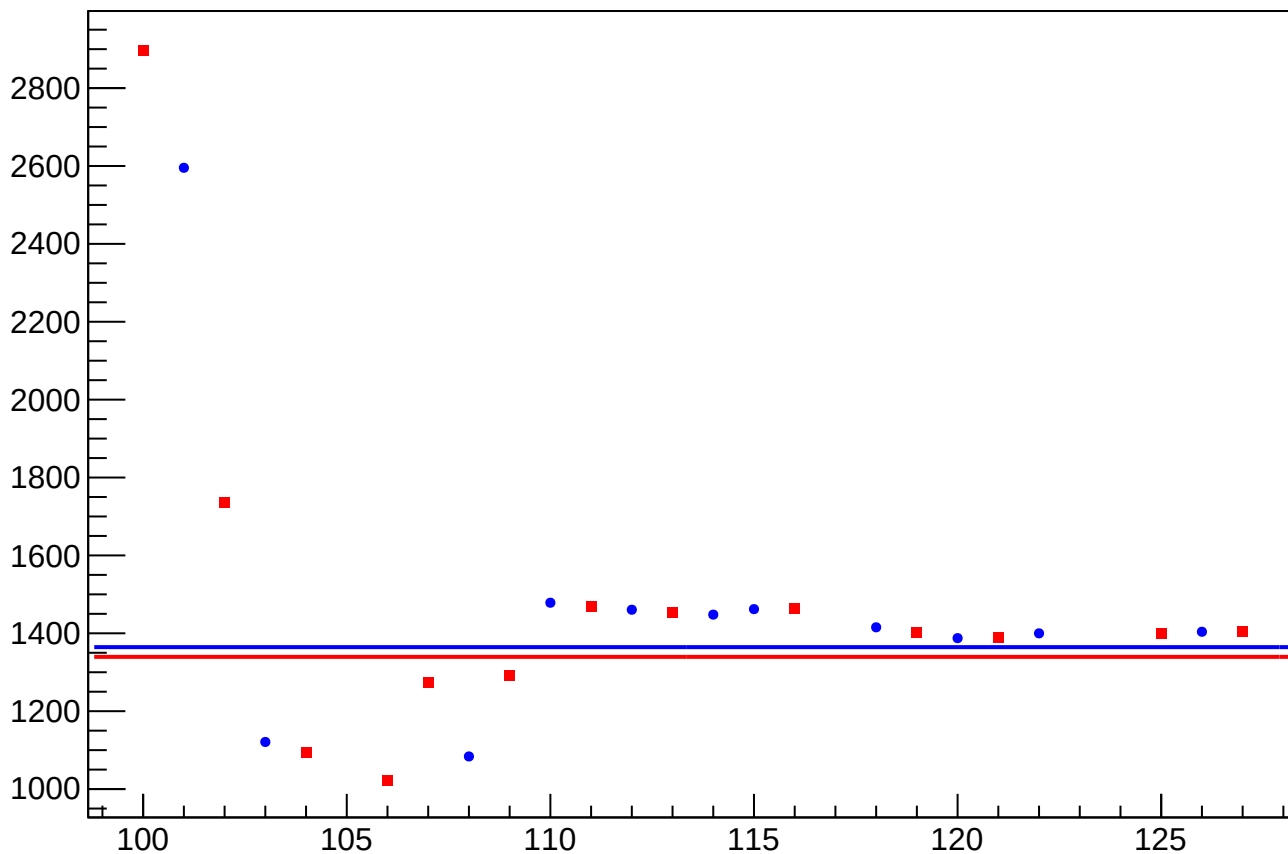
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.902+/-443.686 χ^2/NDF : 39.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1364.502 $\pm$ 0.467 χ^2 /NDF: 415407.5/10

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

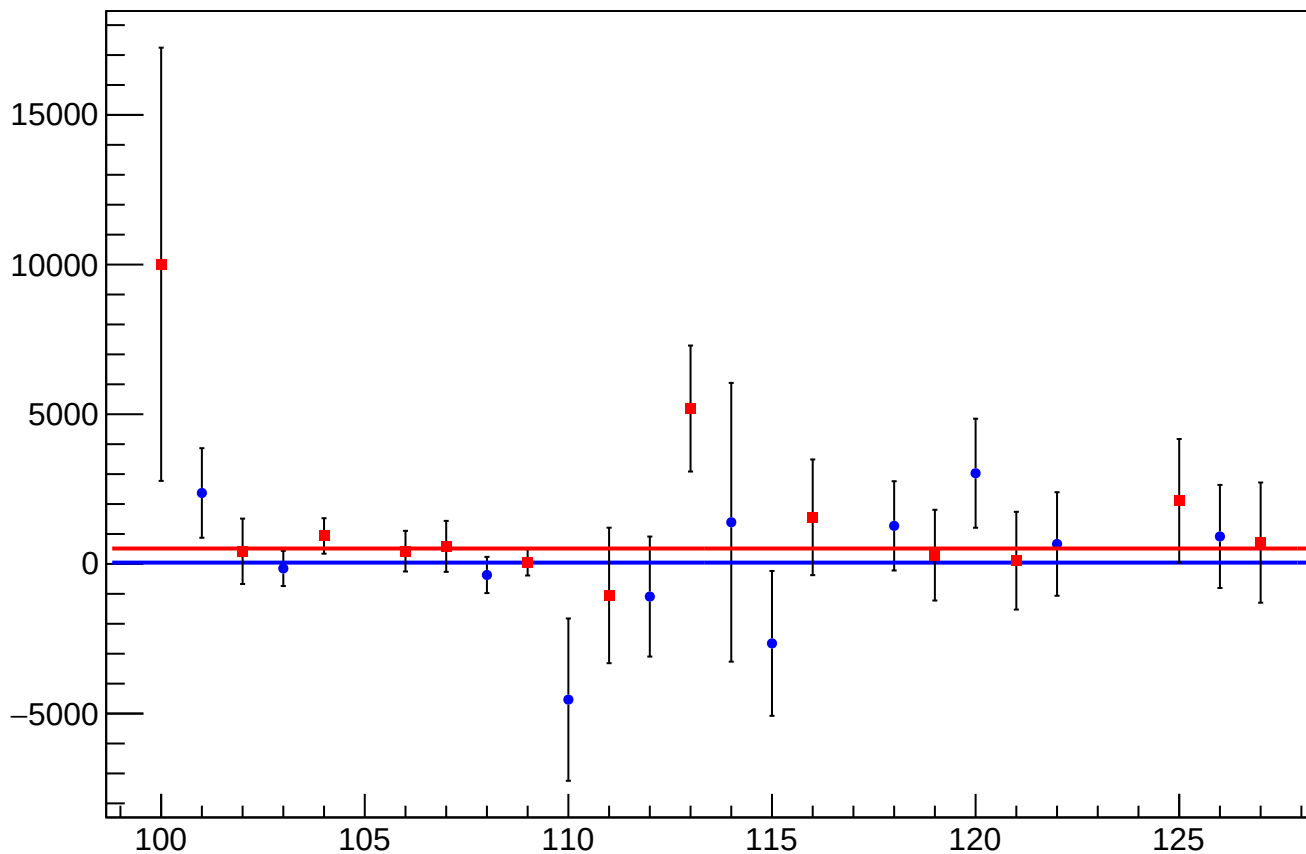
Right Out: 1339.504 $\pm$ 0.423 χ^2 /NDF: 217204.0/12

All: 1350.764 $\pm$ 0.314 χ^2 /NDF: 634183.2/23

- 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_at2lr_dd_dd_reg_correction_mean vs Slug



Right In: 43.423+/-351.417 χ^2/NDF : 11.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 514.485+/-263.256 χ^2/NDF : 9.8/12

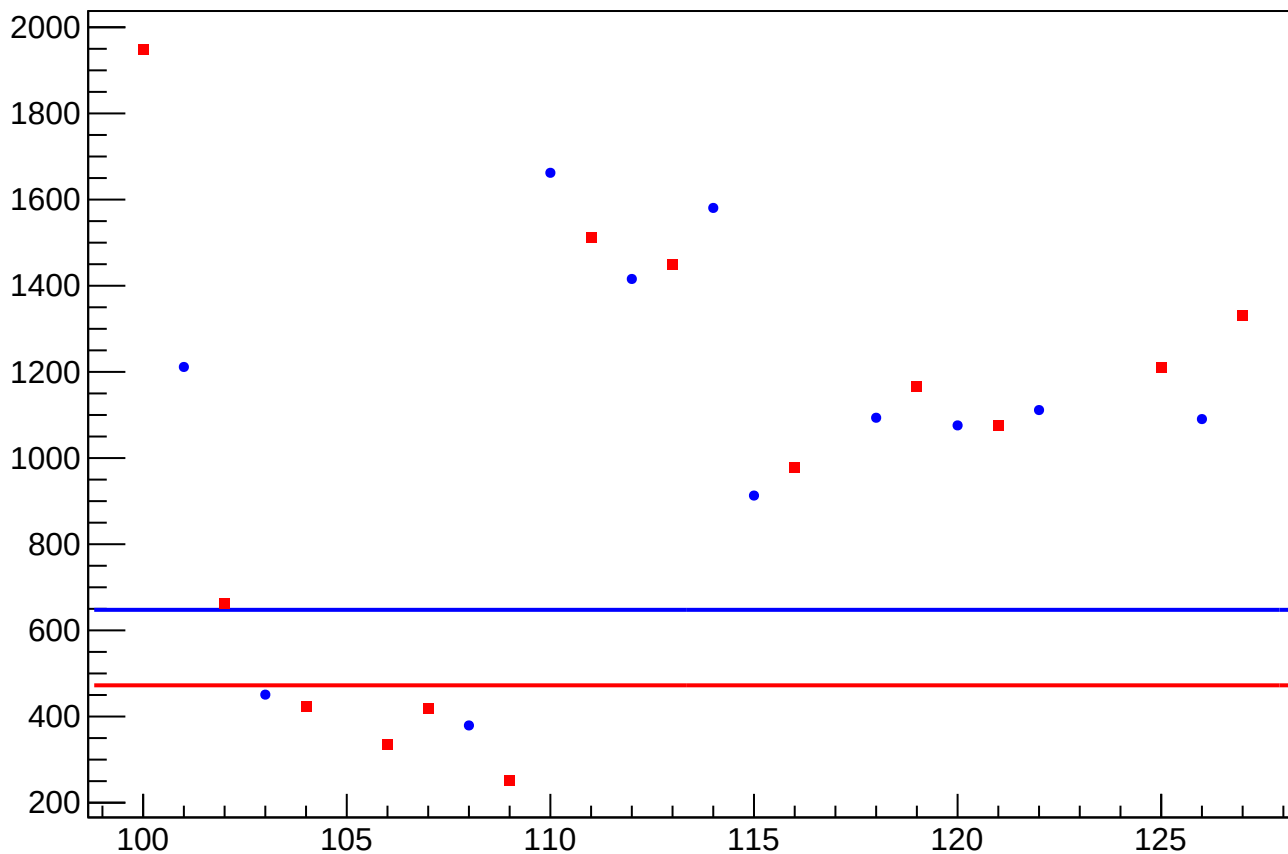
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 345.155+/-210.693 χ^2/NDF : 22.2/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_reg_correction_rms vs Slug



Right In: 647.680+/-0.248 χ^2/NDF : 2144969.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 472.443+/-0.186 χ^2/NDF : 3060343.8/12

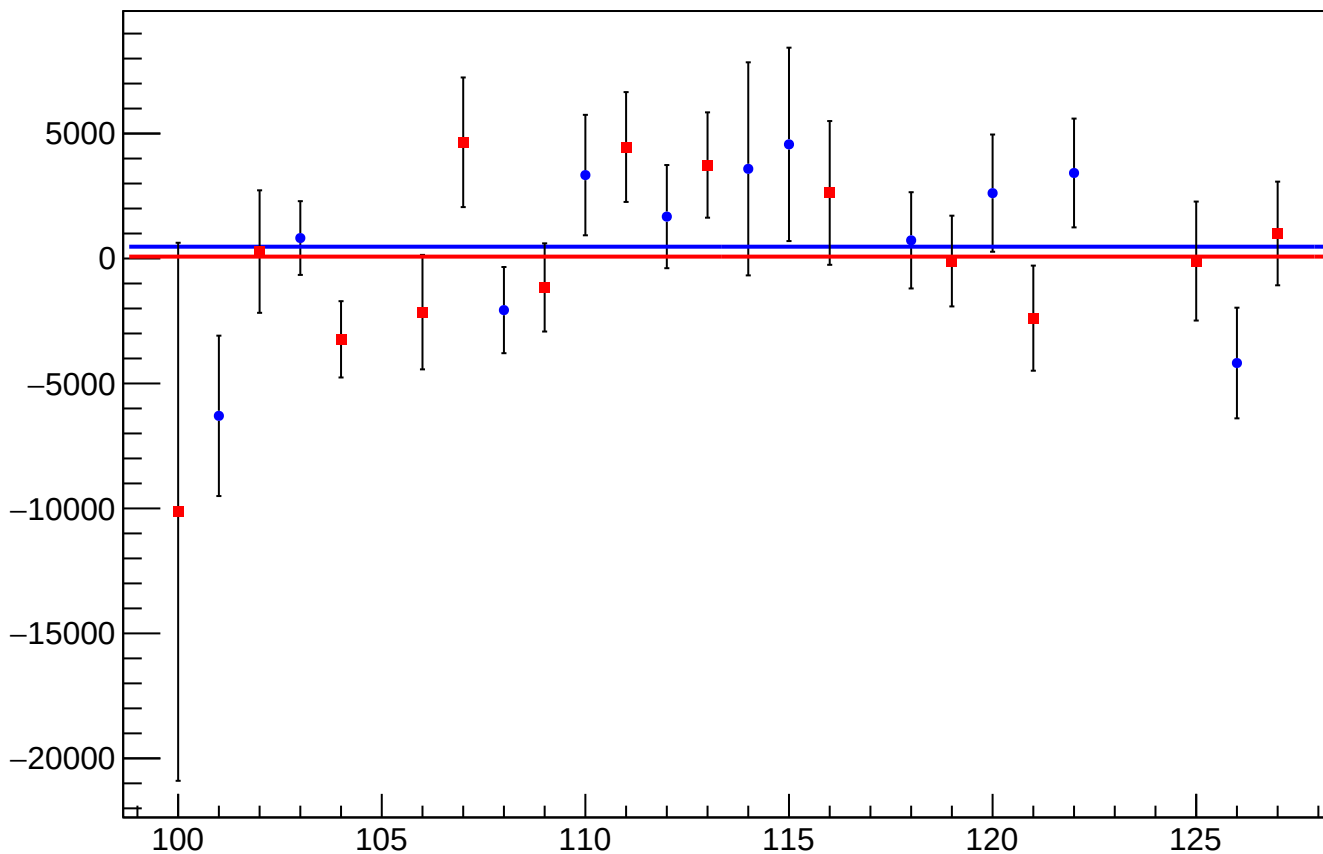
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 535.434+/-0.149 χ^2/NDF : 5523865.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_at2lr_dd_dd_mean vs Slug



Right In: 472.759+/-661.077 χ^2/NDF : 17.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.681+/-602.289 χ^2/NDF : 19.5/12

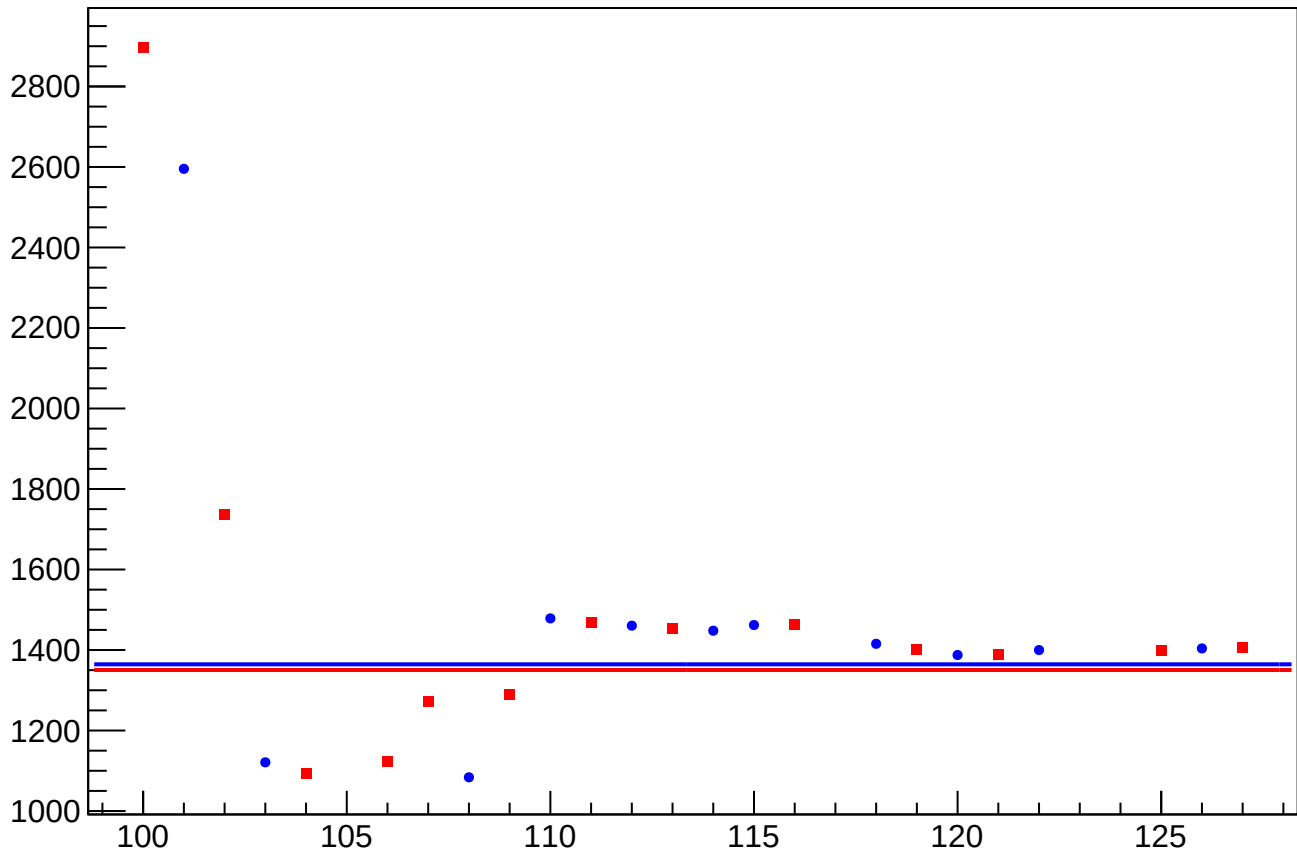
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 255.783+/-445.218 χ^2/NDF : 36.9/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1364.502 $\pm$ 0.467 χ^2 /NDF: 415407.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1350.374 $\pm$ 0.426 χ^2 /NDF: 189338.1/12

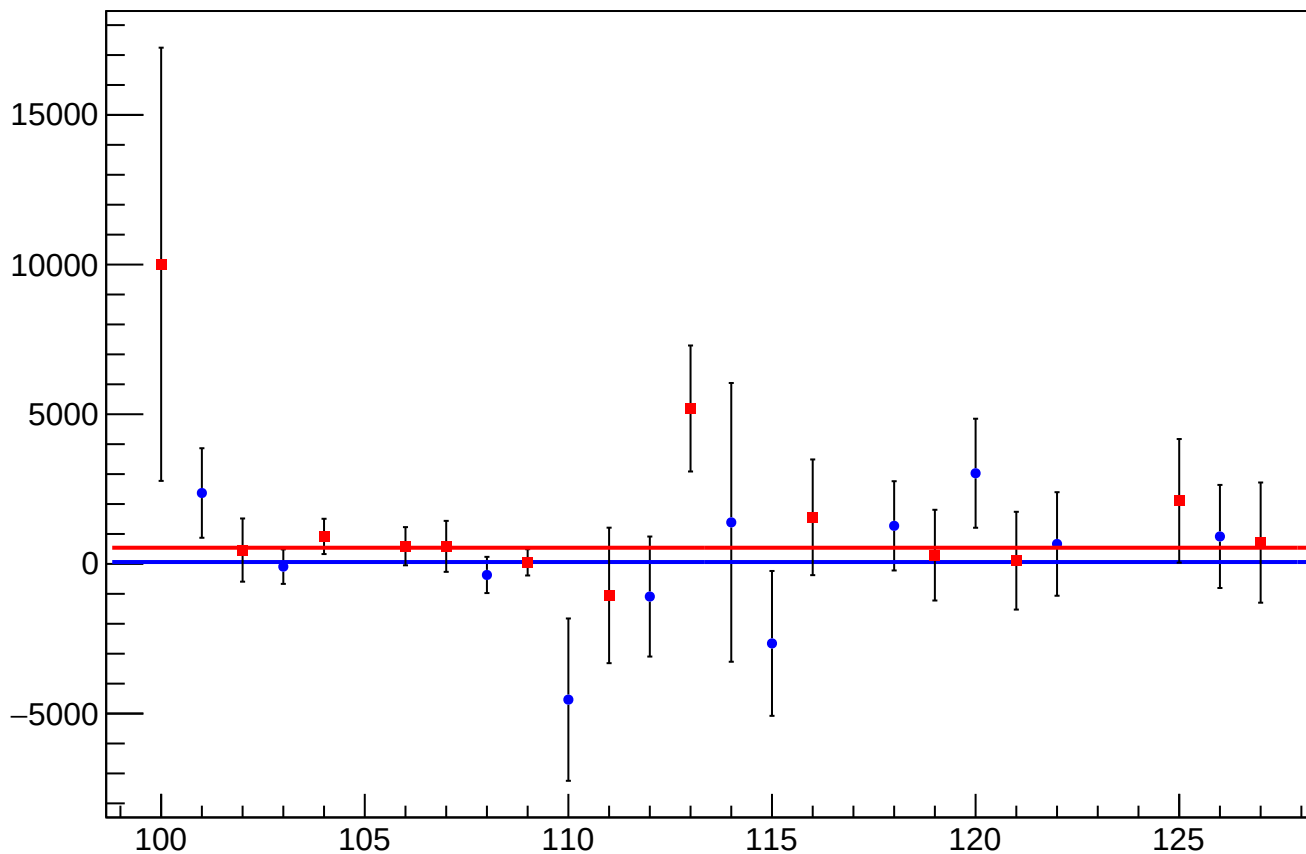
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1356.782 $\pm$ 0.315 χ^2 /NDF: 605244.9/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_cor_correction_mean vs Slug



Right In: 62.603+/-348.986 χ^2/NDF : 11.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 540.335+/-259.854 χ^2/NDF : 9.7/12

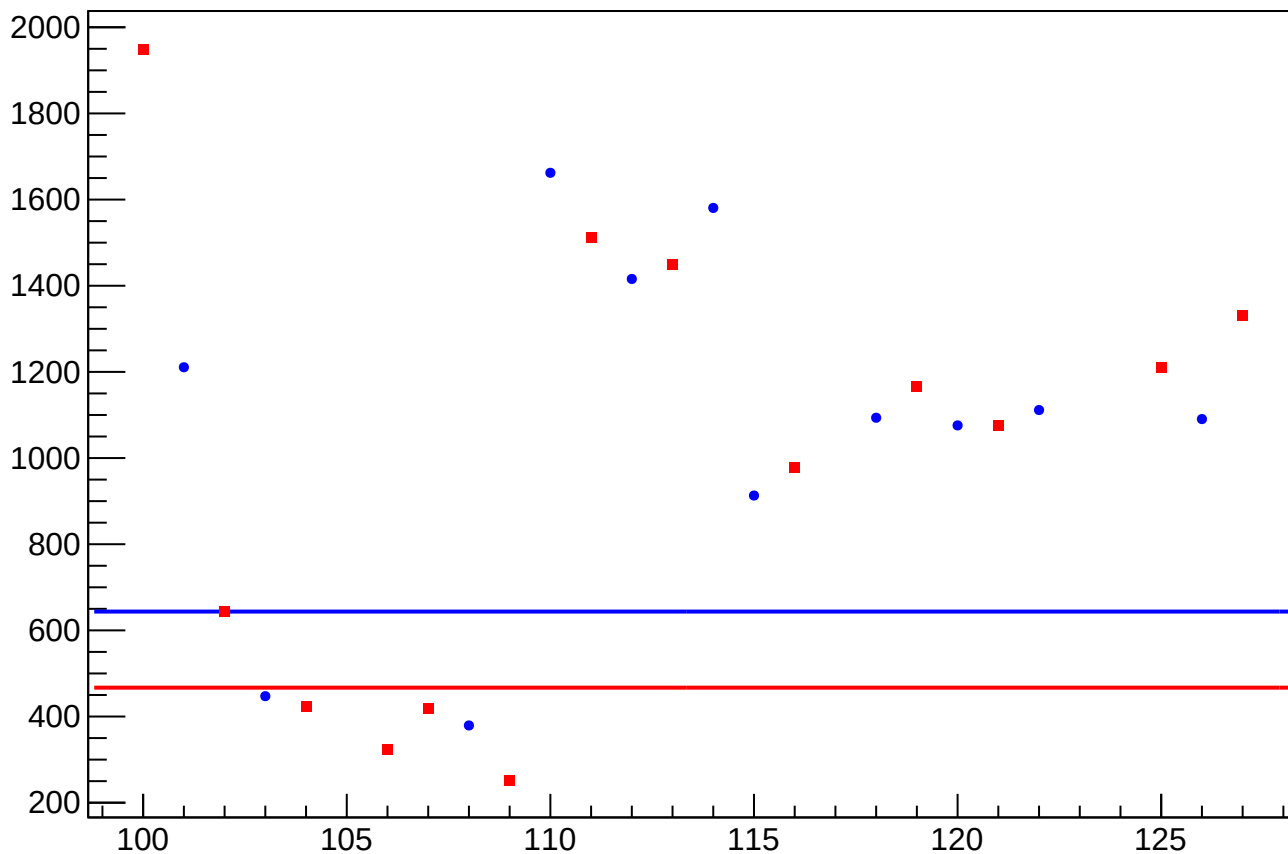
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 369.940+/-208.423 χ^2/NDF : 22.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_cor_correction_rms vs Slug



Right In: 643.655+/-0.247 χ^2/NDF : 2161662.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 467.037+/-0.184 χ^2/NDF : 3079267.1/12

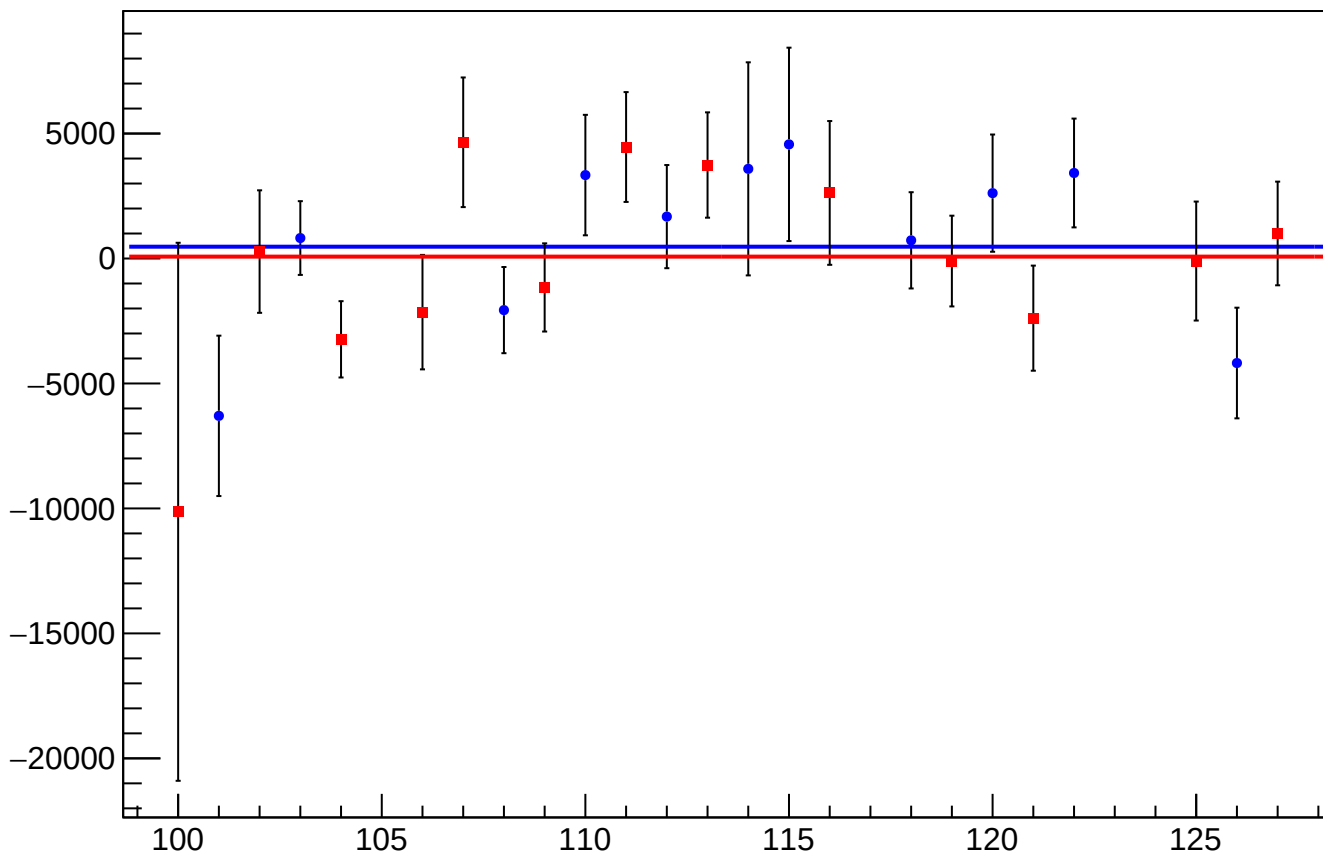
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 530.032+/-0.147 χ^2/NDF : 5570472.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_at2lr_dd_dd_mean vs Slug



Right In: 472.759+/-661.077 χ^2/NDF : 17.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.681+/-602.289 χ^2/NDF : 19.5/12

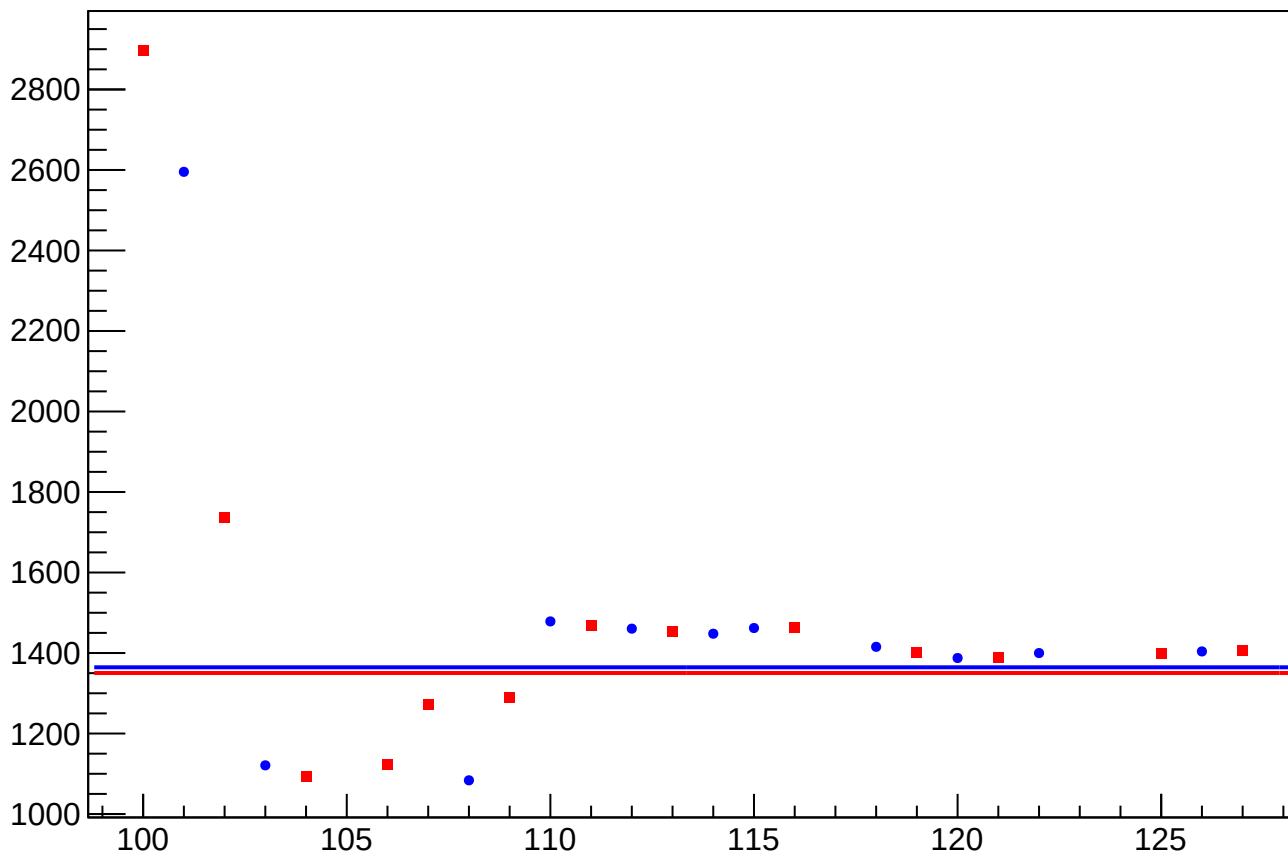
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 255.783+/-445.218 χ^2/NDF : 36.9/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1364.502+/-0.467 χ^2/NDF : 415407.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1350.374+/-0.426 χ^2/NDF : 189338.1/12

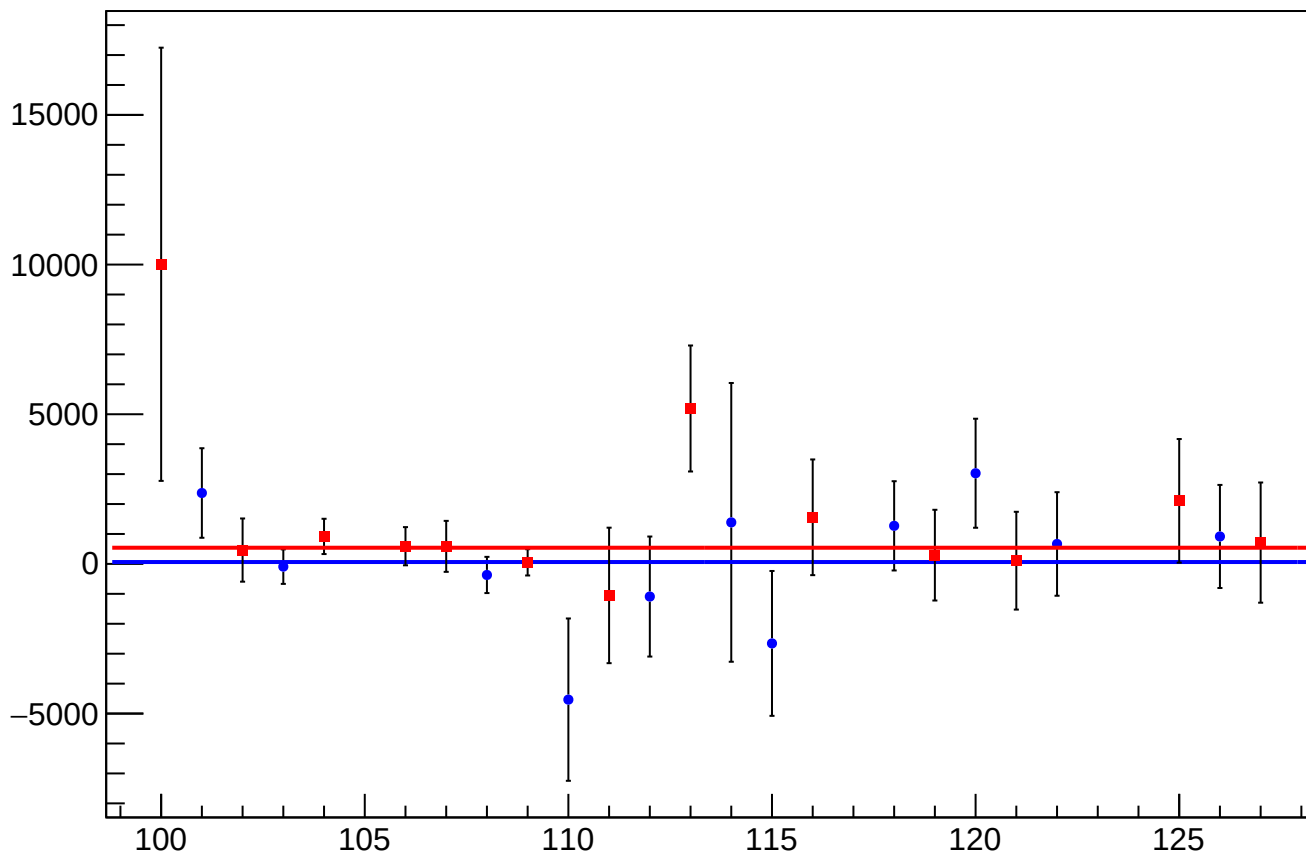
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1356.782+/-0.315 χ^2/NDF : 605244.9/23

- 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: 62.603+/-348.986 χ^2/NDF : 11.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 540.335+/-259.854 χ^2/NDF : 9.7/12

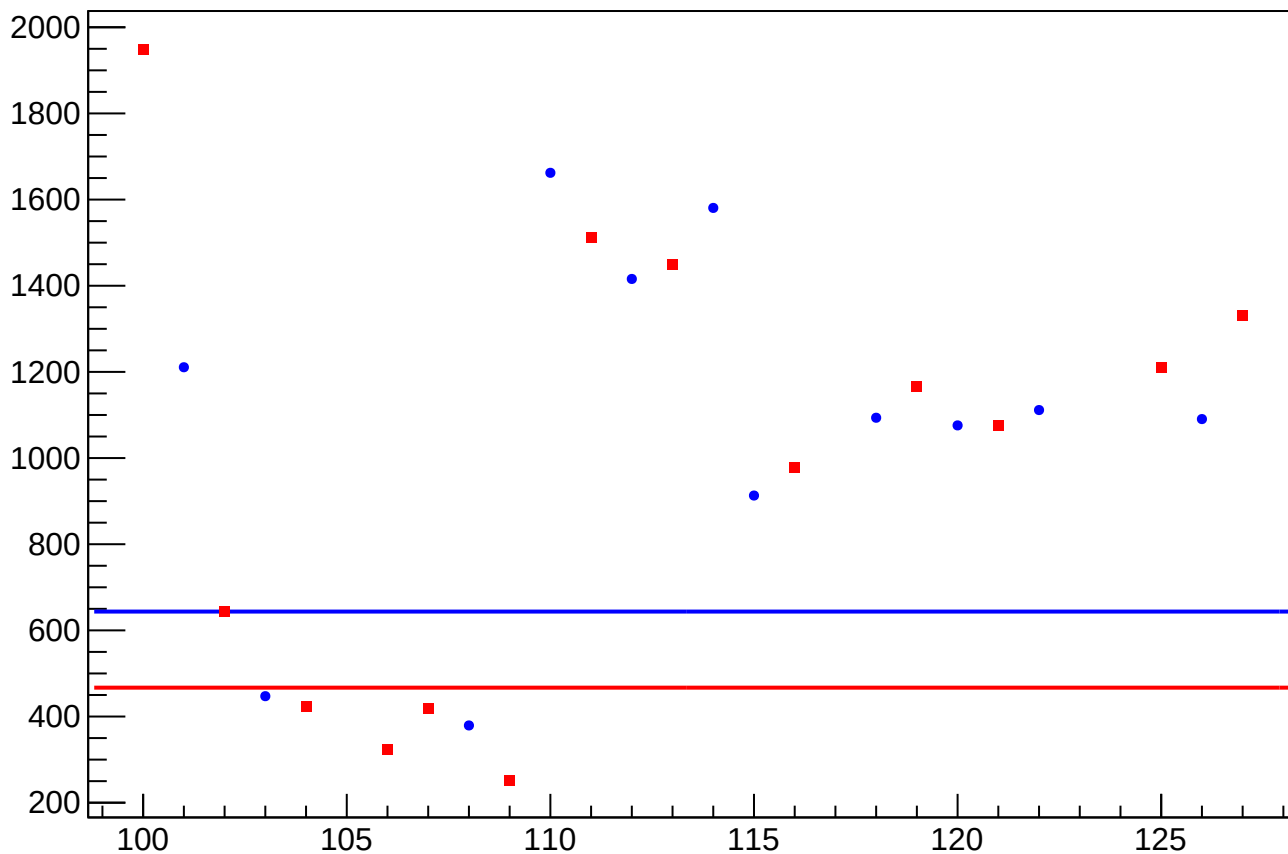
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 369.940+/-208.423 χ^2/NDF : 22.1/23

- 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: 643.655+/-0.247 χ^2/NDF : 2161662.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 467.037+/-0.184 χ^2/NDF : 3079267.1/12

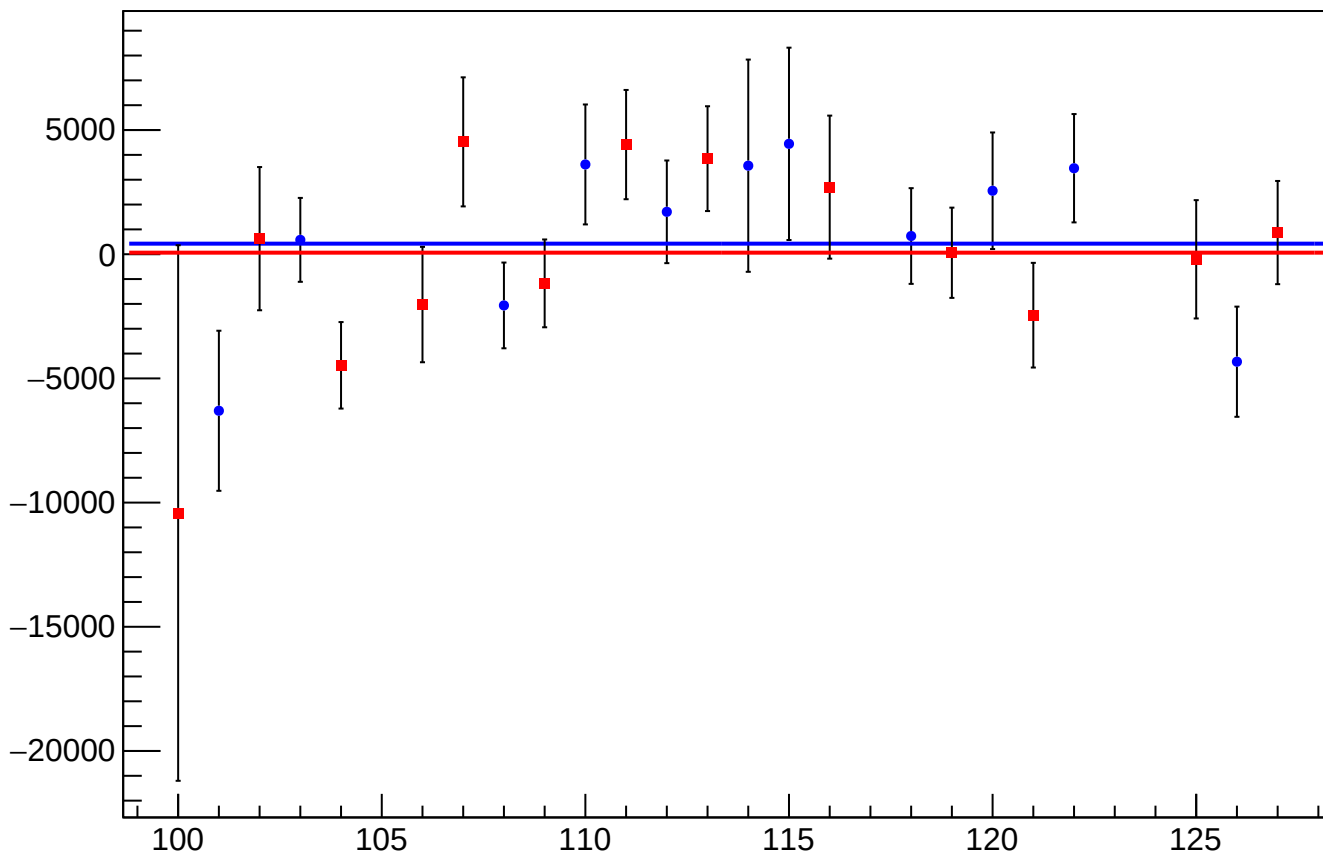
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 530.032+/-0.147 χ^2/NDF : 5570472.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at2lr_dd_dd_mean vs Slug



Right In: 425.541+/-678.228 χ^2/NDF : 17.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.885+/-620.188 χ^2/NDF : 21.6/12

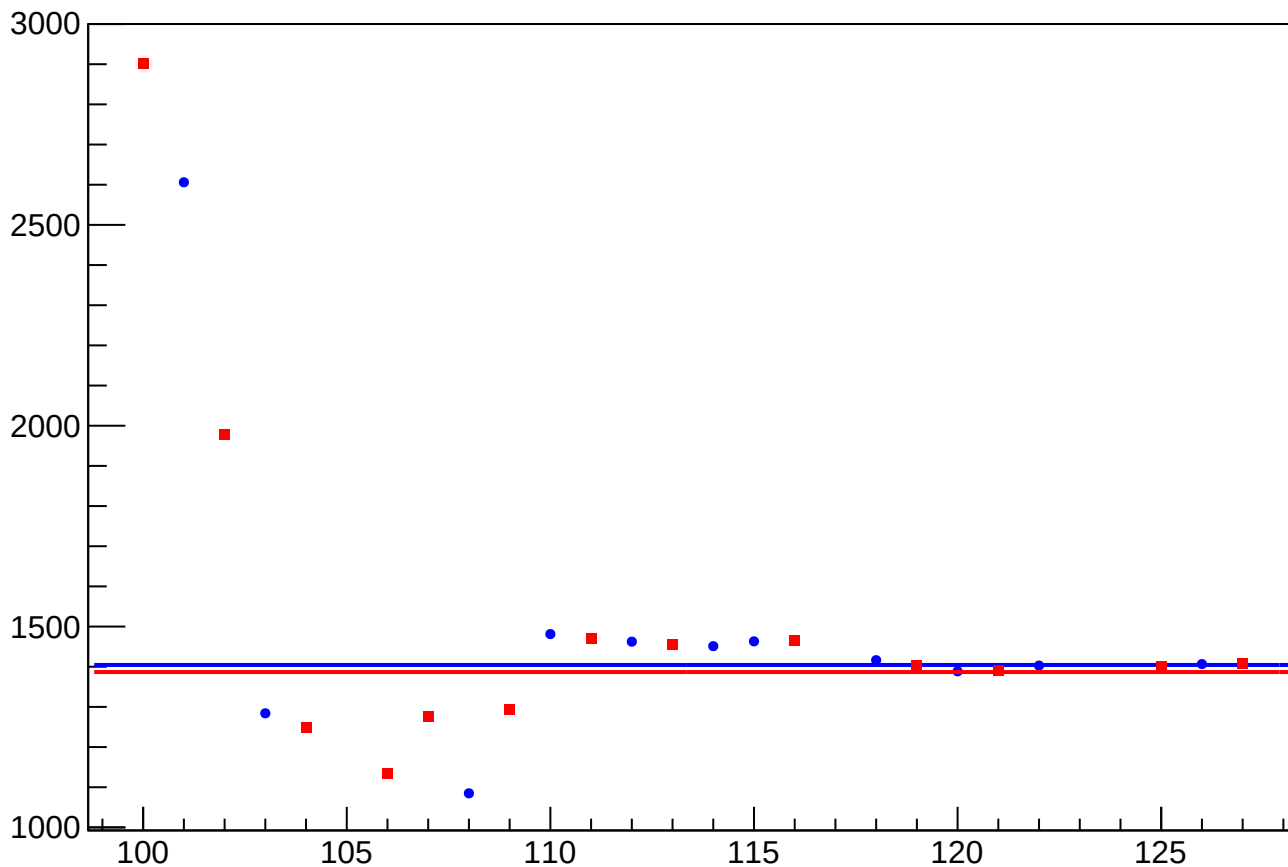
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.034+/-457.685 χ^2/NDF : 39.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1404.412 $\pm$ 0.480 χ^2 /NDF: 361248.3/10

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

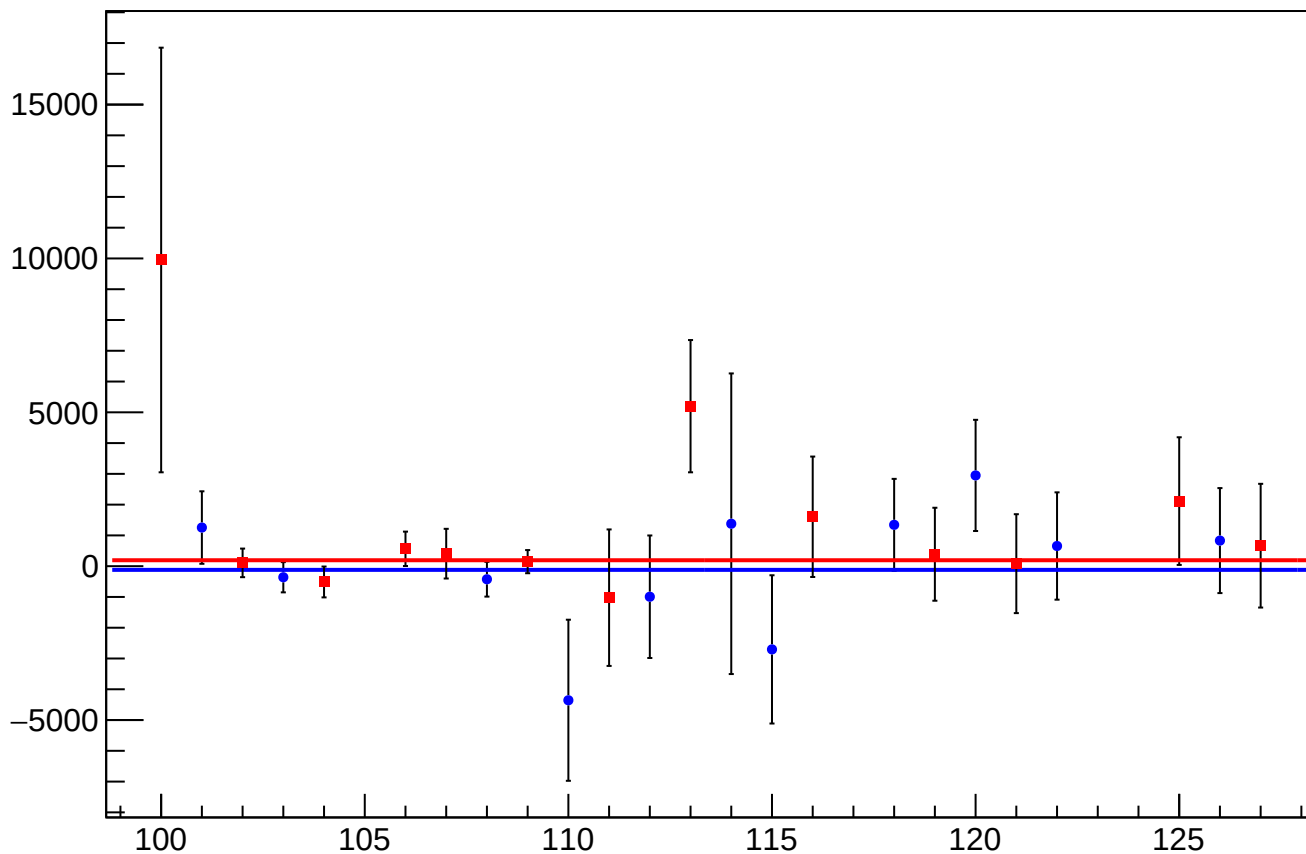
Right Out: 1386.772 $\pm$ 0.439 χ^2 /NDF: 176283.1/12

All: 1394.805 $\pm$ 0.324 χ^2 /NDF: 538268.3/23

- 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_at2lr_dd_dd_dit_correction_mean vs Slug



Right In: -119.958+/-315.556 χ^2/NDF : 10.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 193.003+/-211.202 χ^2/NDF : 11.7/12

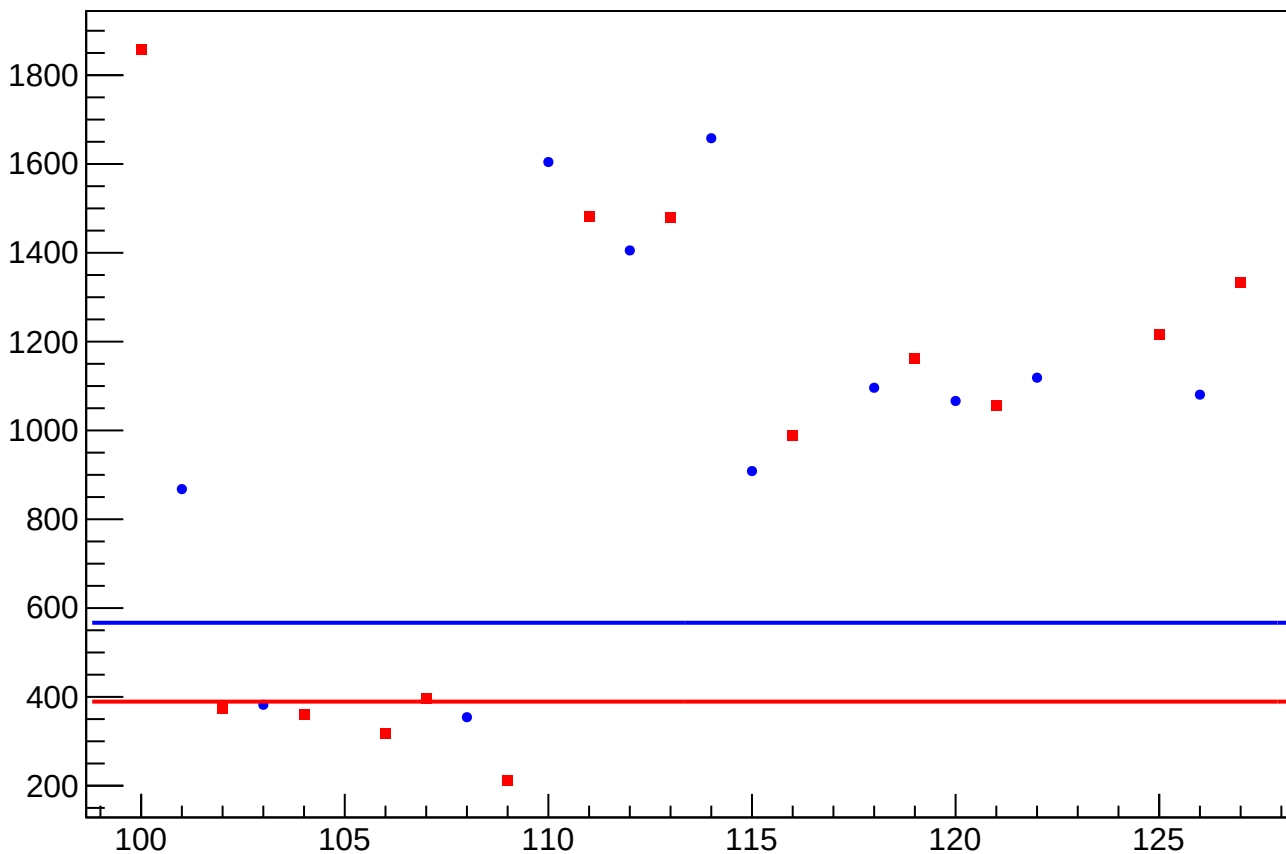
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.181+/-175.517 χ^2/NDF : 22.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_dit_correction_rms vs Slug



Right In: 566.926+/-0.223 χ^2/NDF : 2291865.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

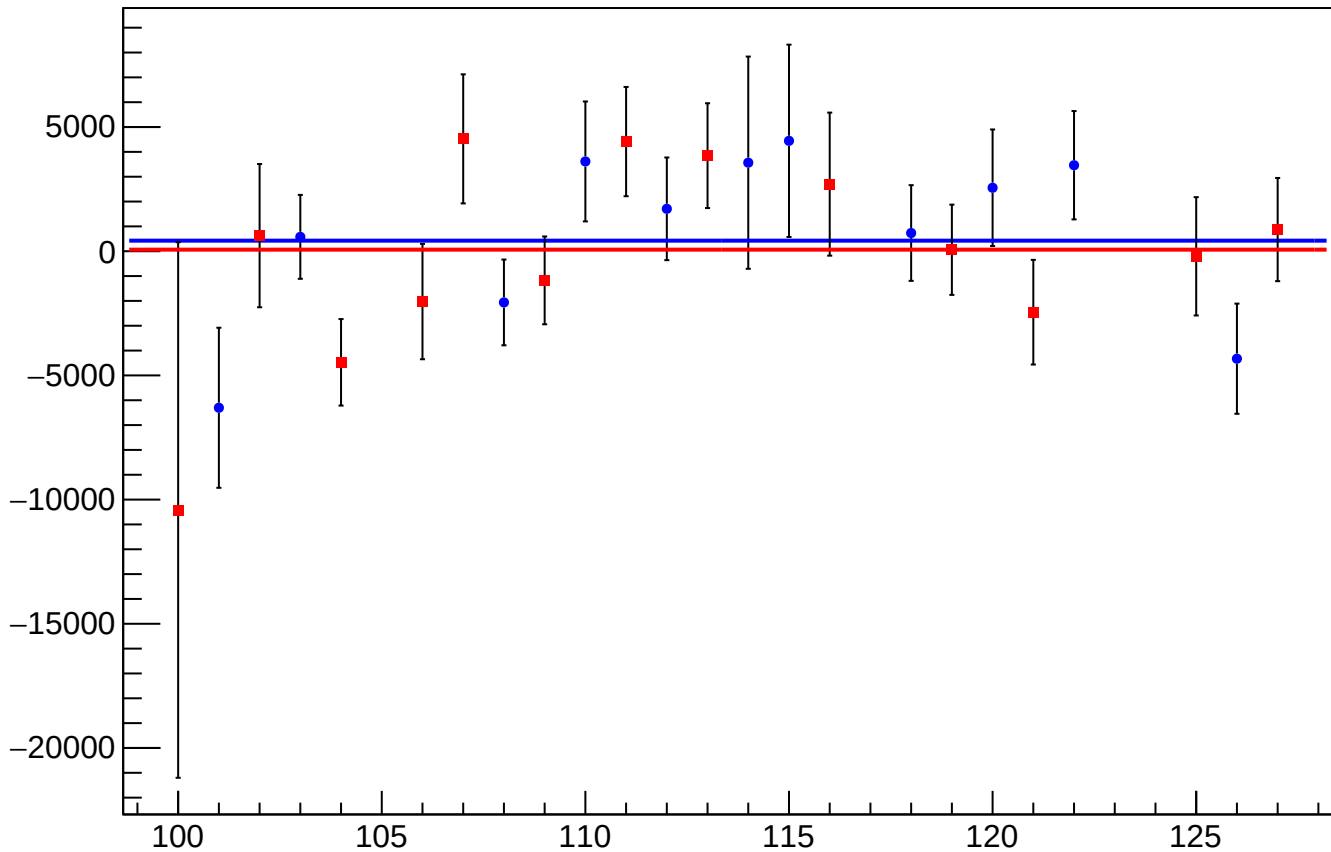
Right Out: 389.350+/-0.149 χ^2/NDF : 3393470.3/12

All: 444.287+/-0.124 χ^2/NDF : 6122746.6/23

- 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_at2lr_dd_dd_mean vs Slug



Right In: 425.537+/-678.228 χ^2/NDF : 17.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.887+/-620.188 χ^2/NDF : 21.6/12

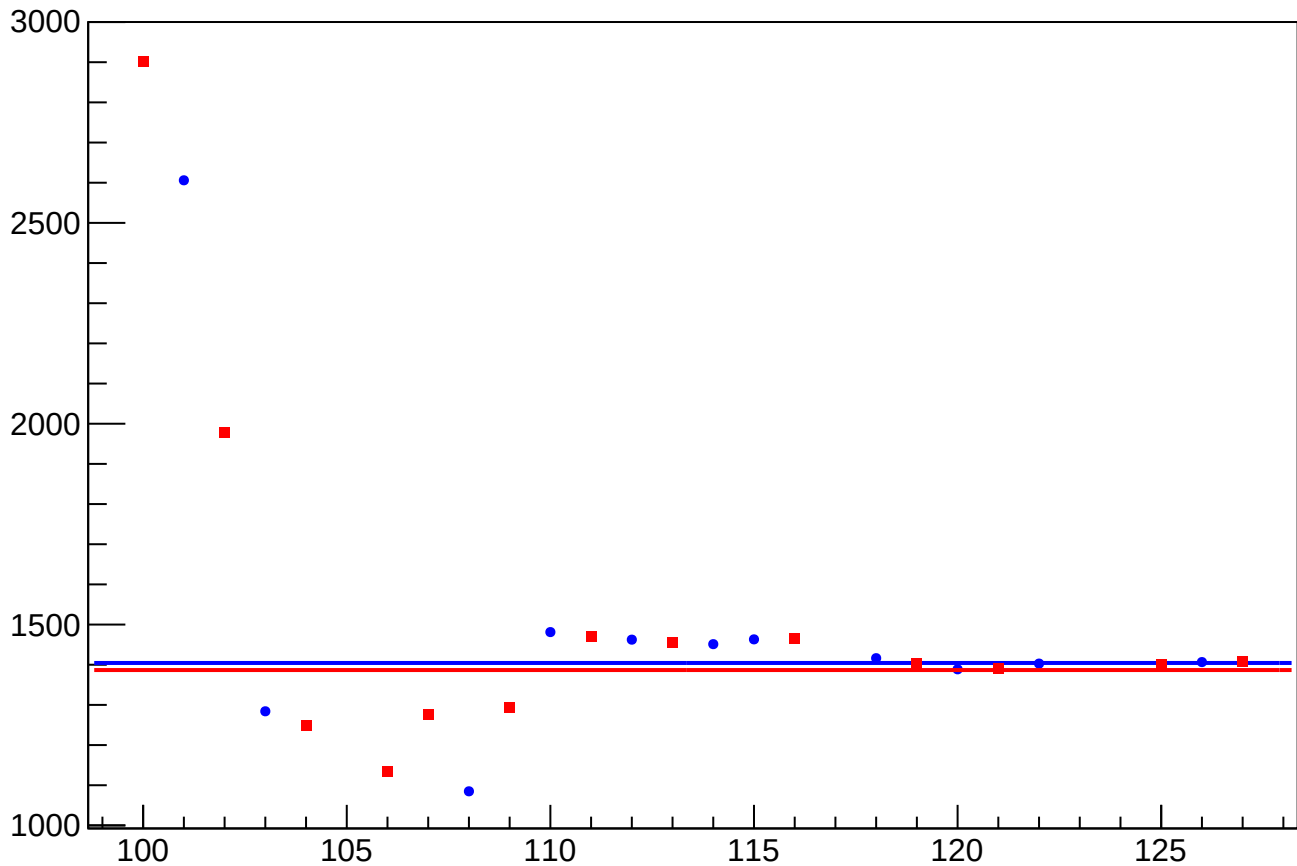
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.033+/-457.685 χ^2/NDF : 39.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1404.413+/-0.480 χ^2/NDF : 361247.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

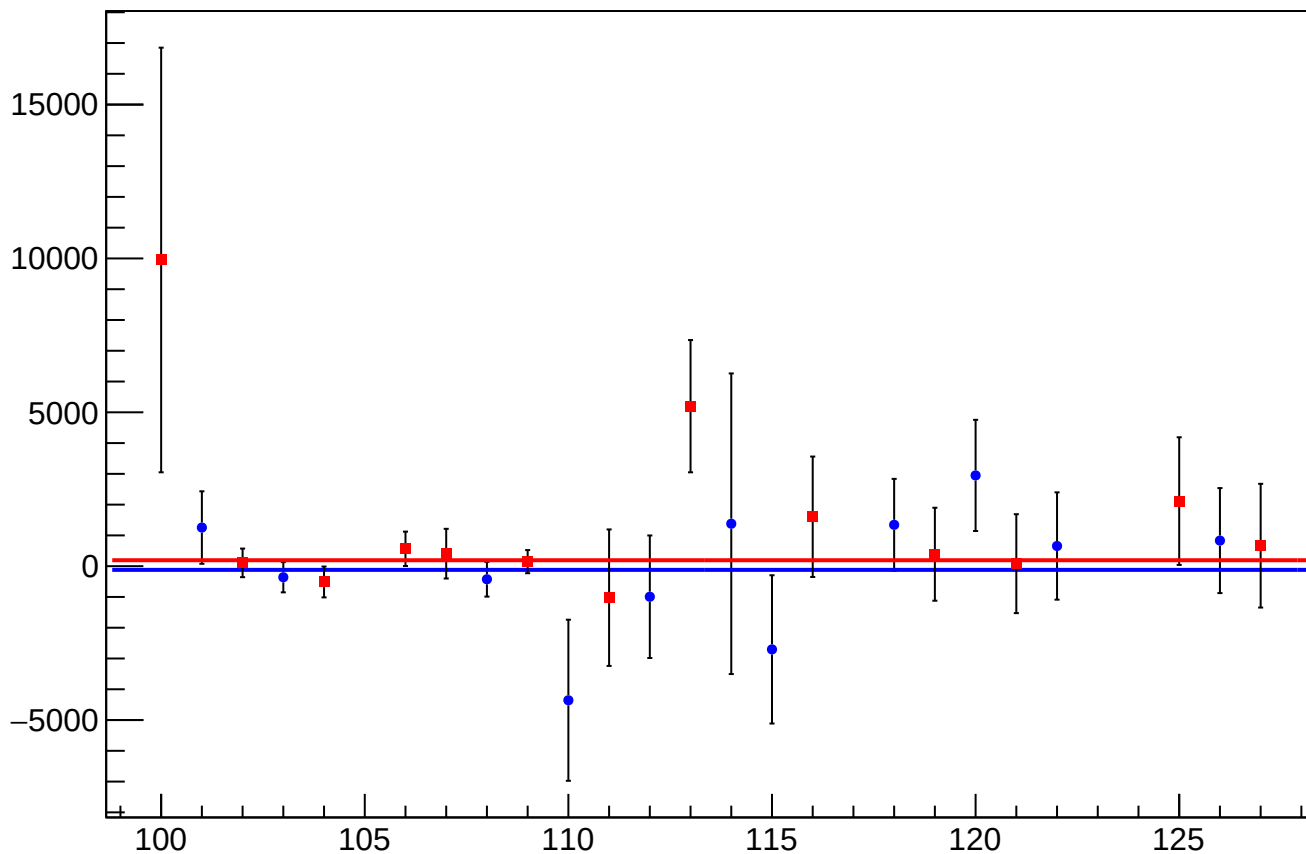
Right Out: 1386.771+/-0.439 χ^2/NDF : 176283.1/12

All: 1394.805+/-0.324 χ^2/NDF : 538267.9/23

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_mean vs Slug



Right In: -119.968 $\pm$ 315.552 χ^2 /NDF: 10.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 192.998 $\pm$ 211.203 χ^2 /NDF: 11.7/12

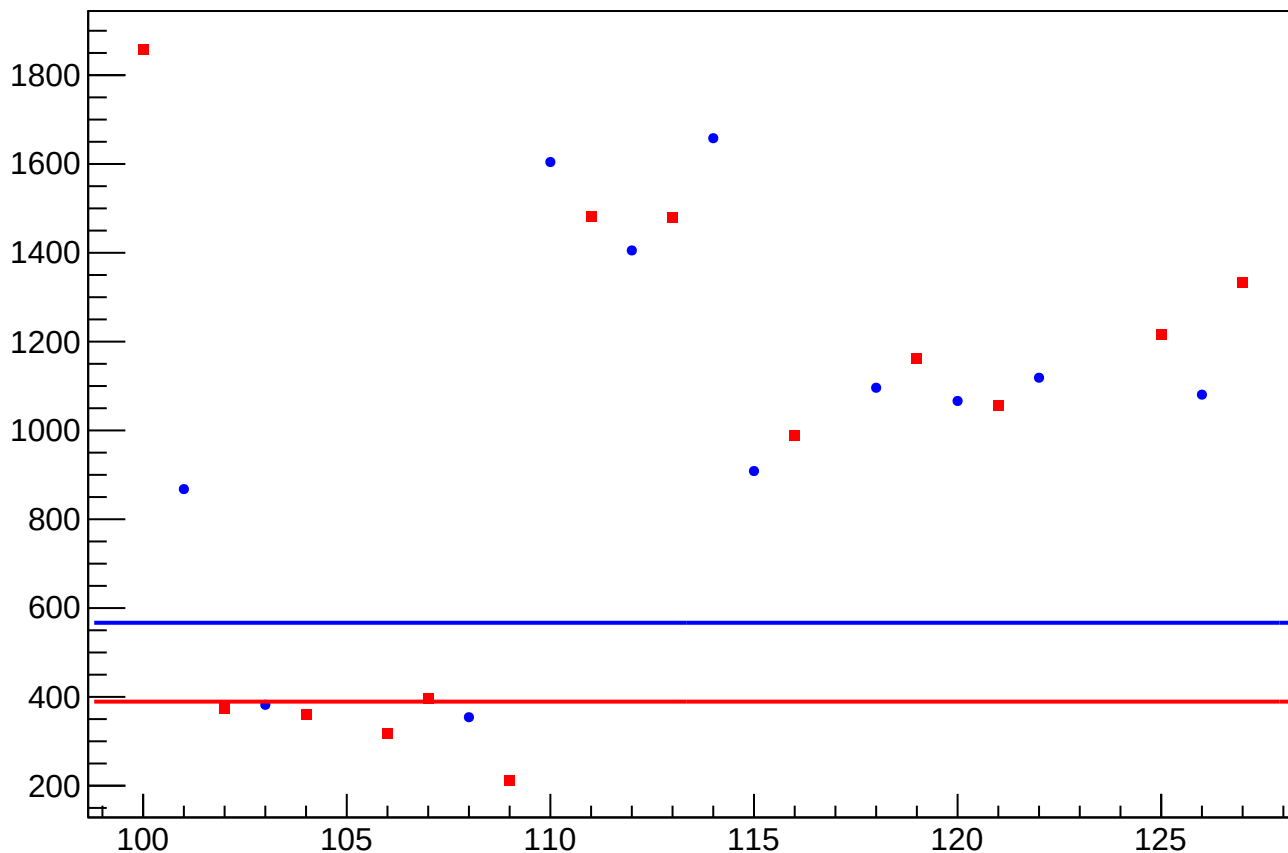
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 96.172 $\pm$ 175.517 χ^2 /NDF: 22.7/23

- 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: 566.916+/-0.223 χ^2/NDF : 2291919.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 389.354+/-0.149 χ^2/NDF : 3393397.6/12

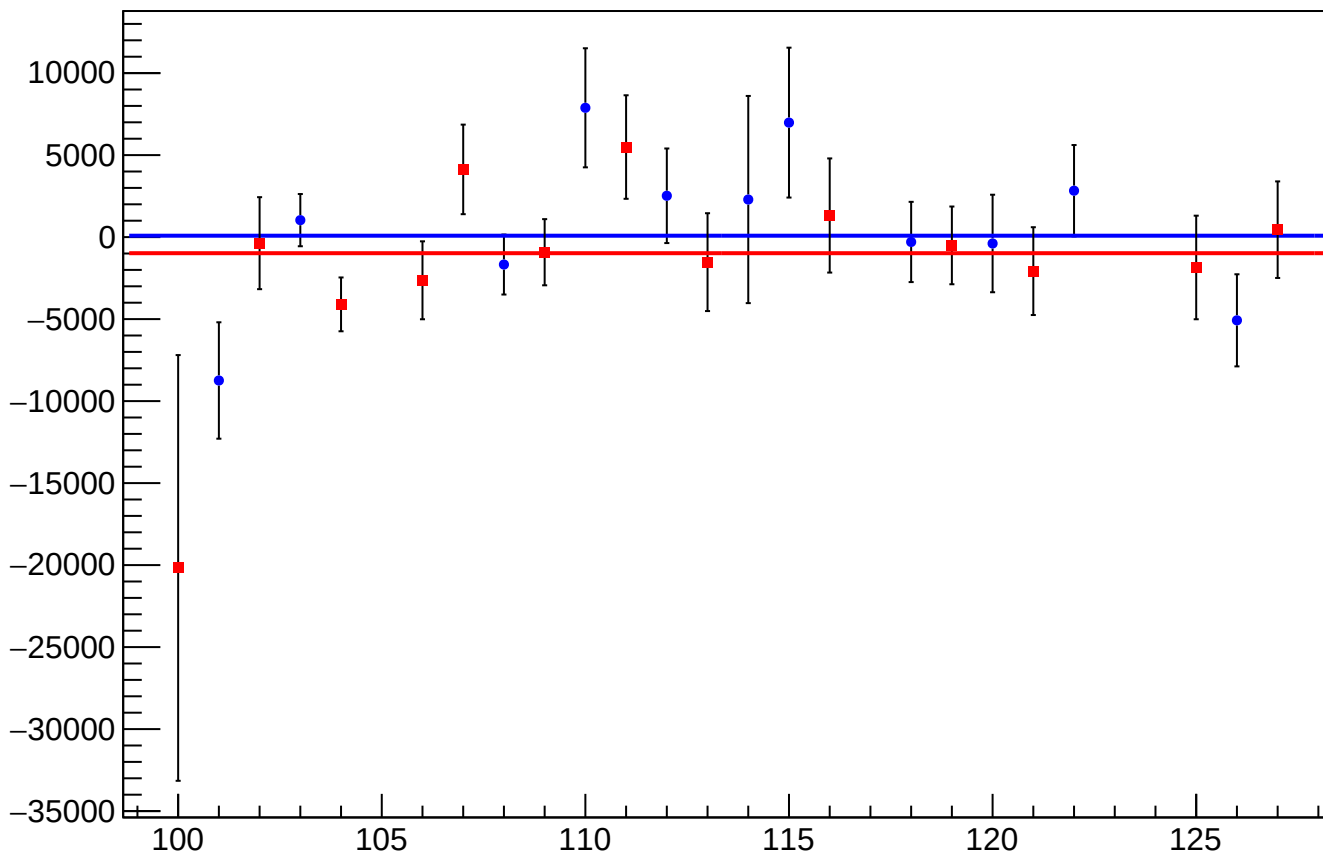
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 444.289+/-0.124 χ^2/NDF : 6122664.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_mean vs Slug



Right In: 85.615+/-796.118 χ^2/NDF : 19.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -980.829+/-727.412 χ^2/NDF : 15.0/12

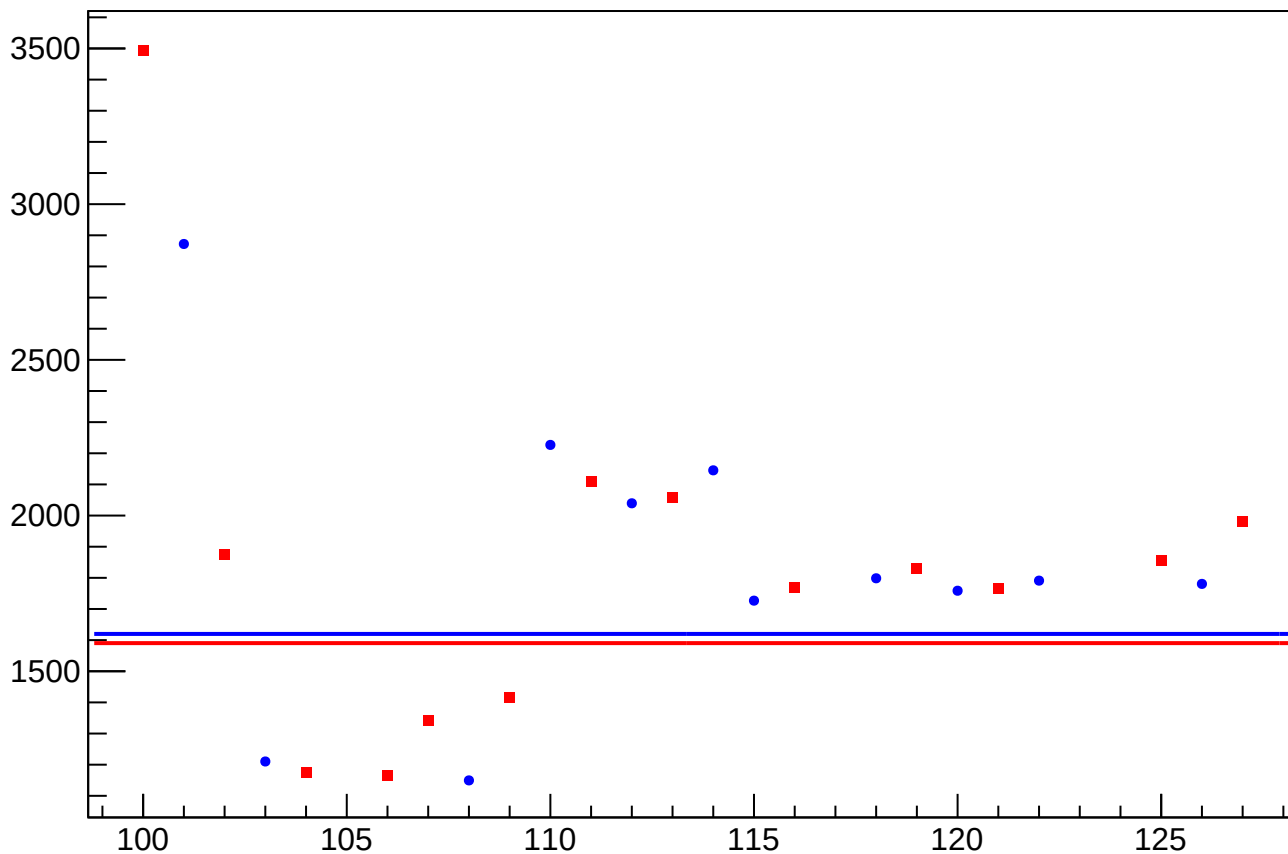
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -495.602+/-537.008 χ^2/NDF : 35.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1619.895+/-0.563 χ^2/NDF : 655893.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1590.376+/-0.514 χ^2/NDF : 473633.6/12

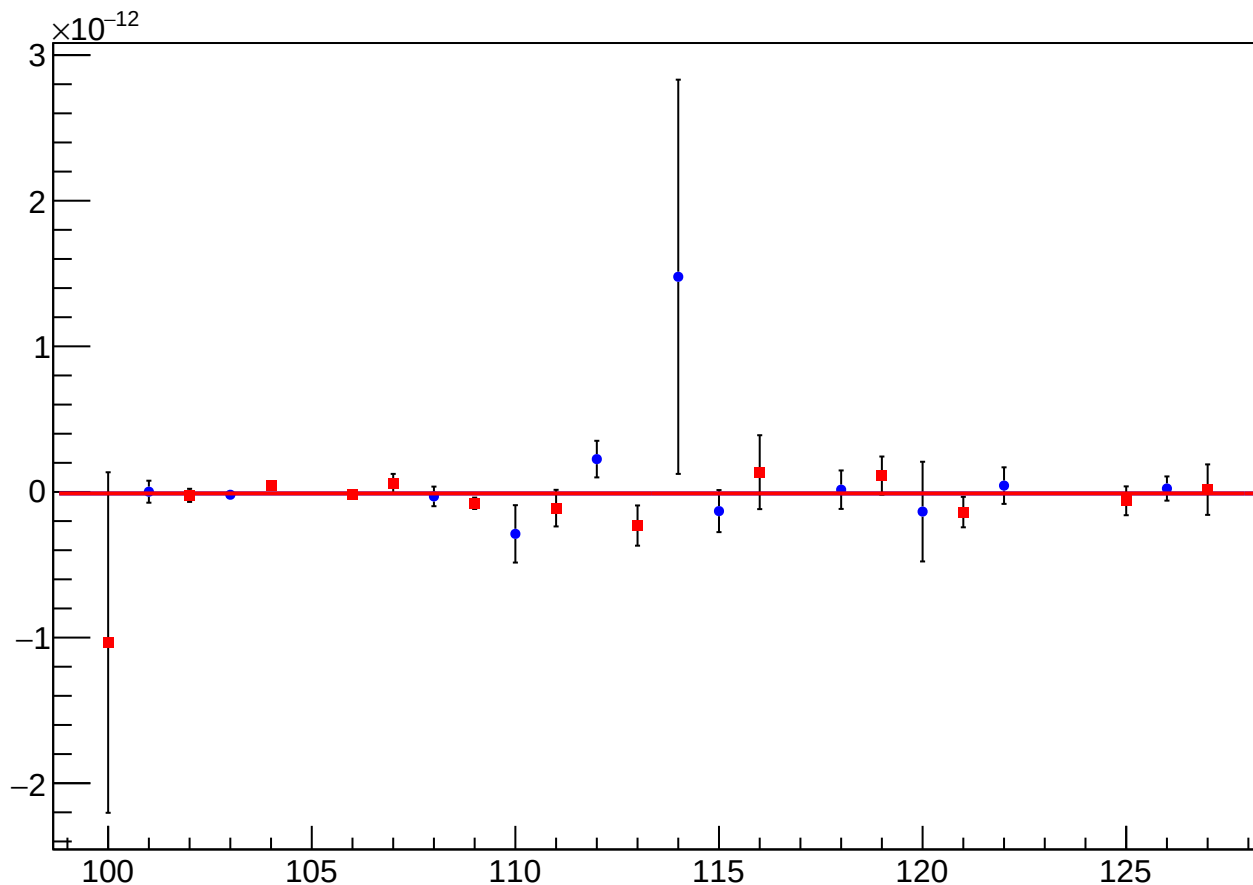
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1603.807+/-0.380 χ^2/NDF : 1131025.6/23

- 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 : 8.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.1/12

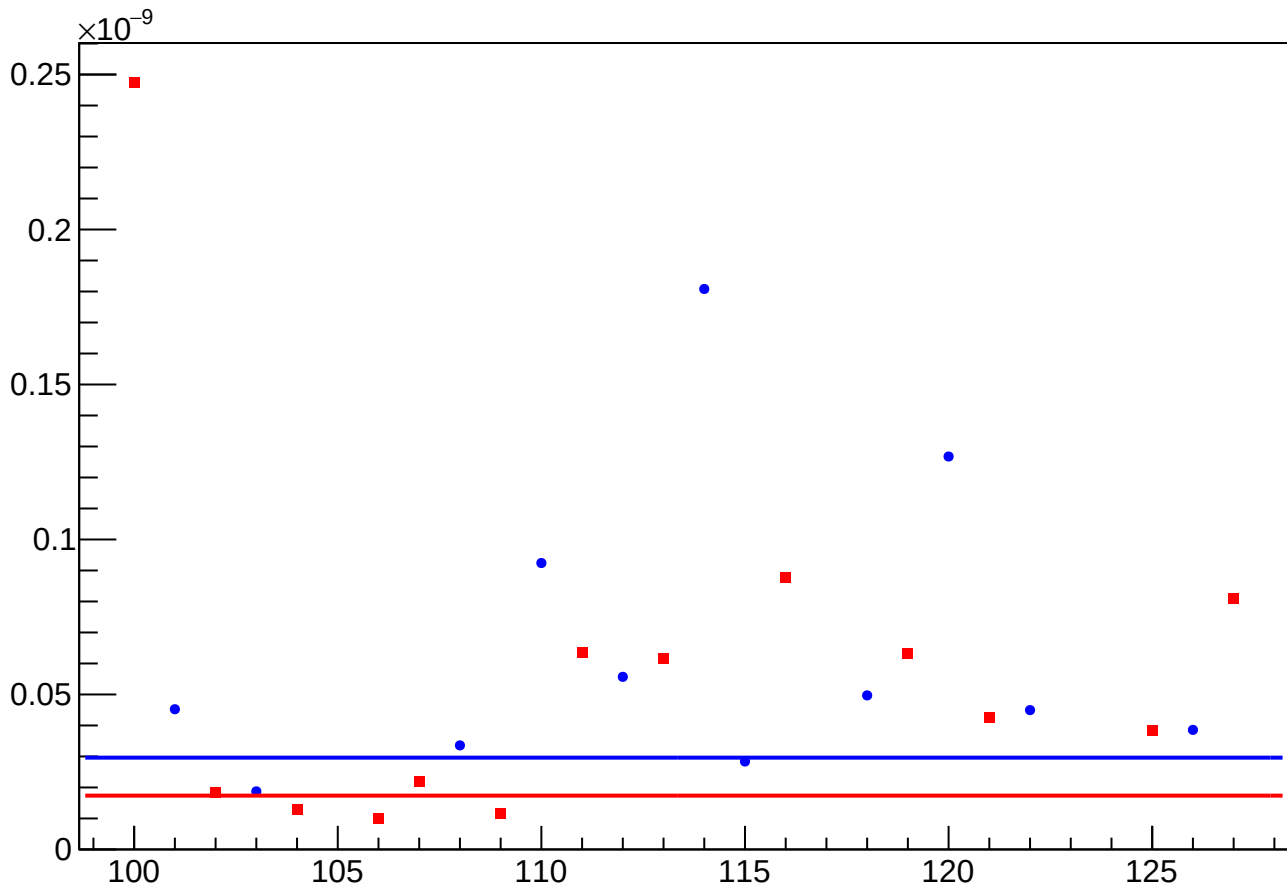
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.2/23

- 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 $\pm$ 0.000 χ^2 /NDF: 909761.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1649798.5/12

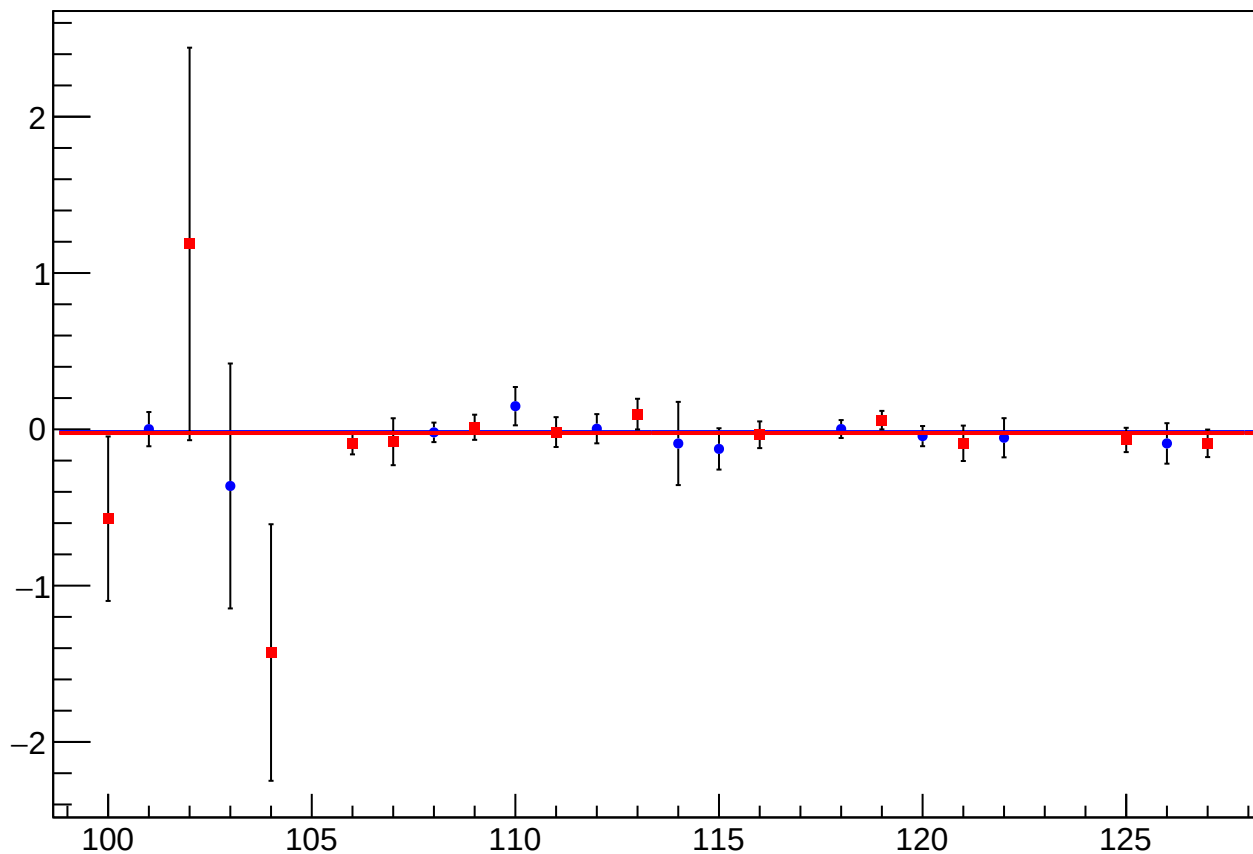
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2940162.7/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.018 ± 0.028 $\chi^2/\text{NDF}: 3.5/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.024 ± 0.027 $\chi^2/\text{NDF}: 11.0/12$

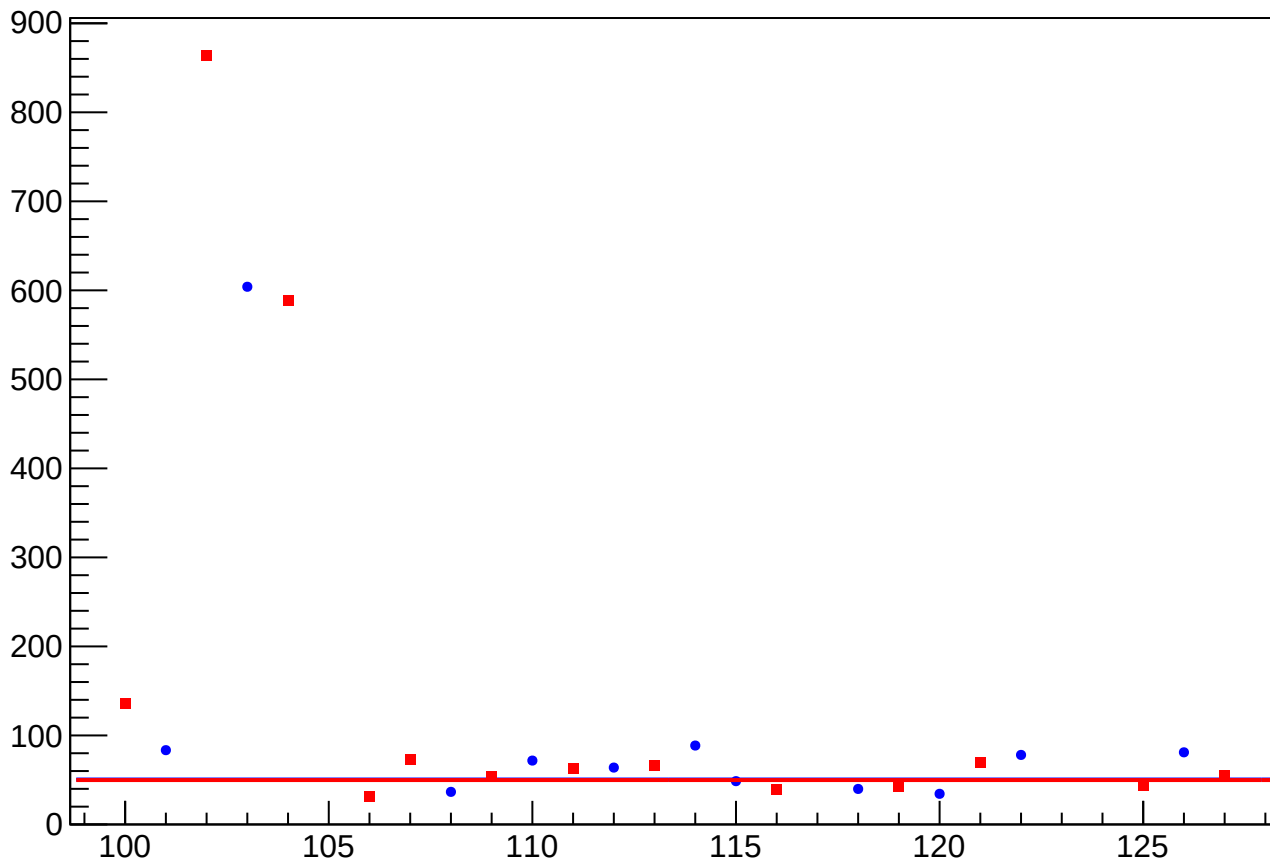
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.021 ± 0.019 $\chi^2/\text{NDF}: 14.5/23$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_rms vs Slug



Right In: 50.463+/-0.020 χ^2/NDF : 1821994.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

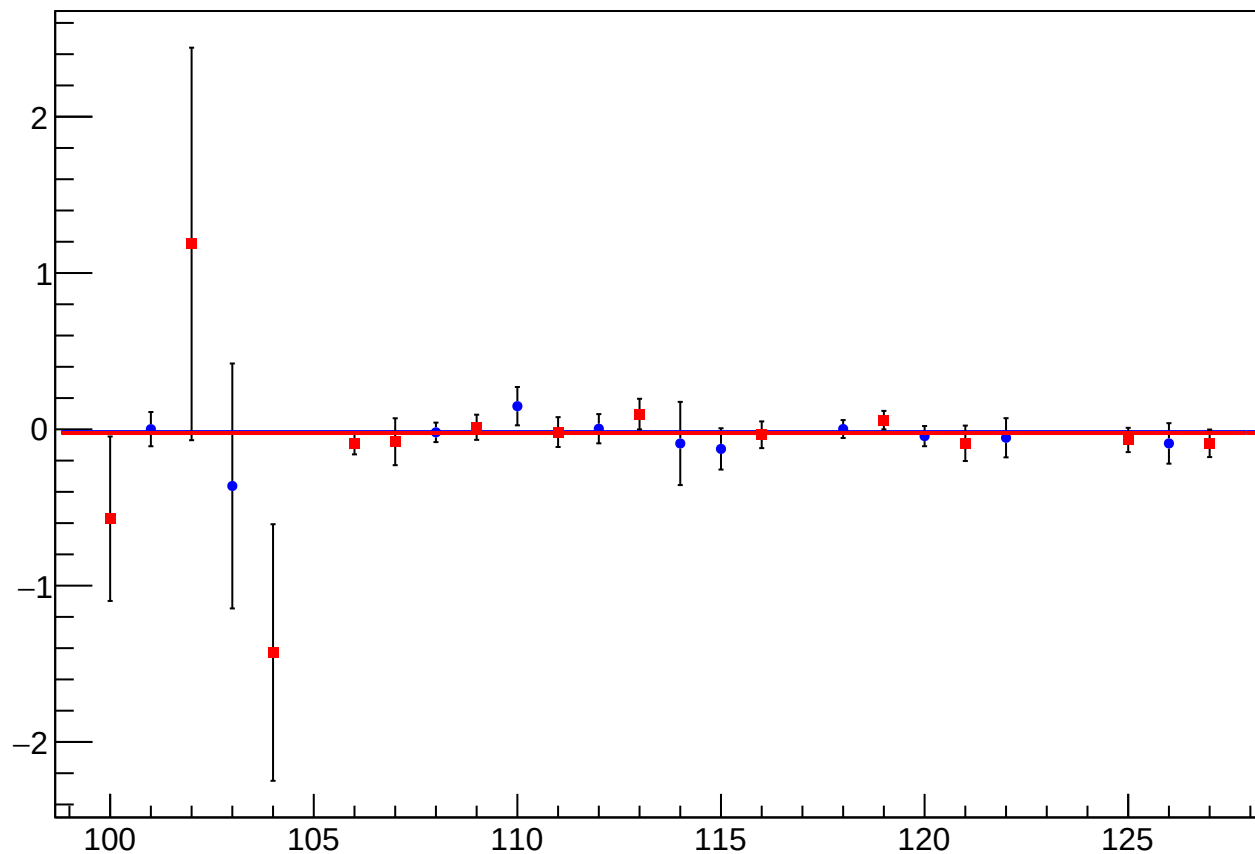
Right Out: 49.876+/-0.019 χ^2/NDF : 2182668.6/12

All: 50.152+/-0.014 χ^2/NDF : 4005124.0/23

- 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_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.018 ± 0.028 $\chi^2/\text{NDF}: 3.5/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.024 ± 0.027 $\chi^2/\text{NDF}: 11.0/12$

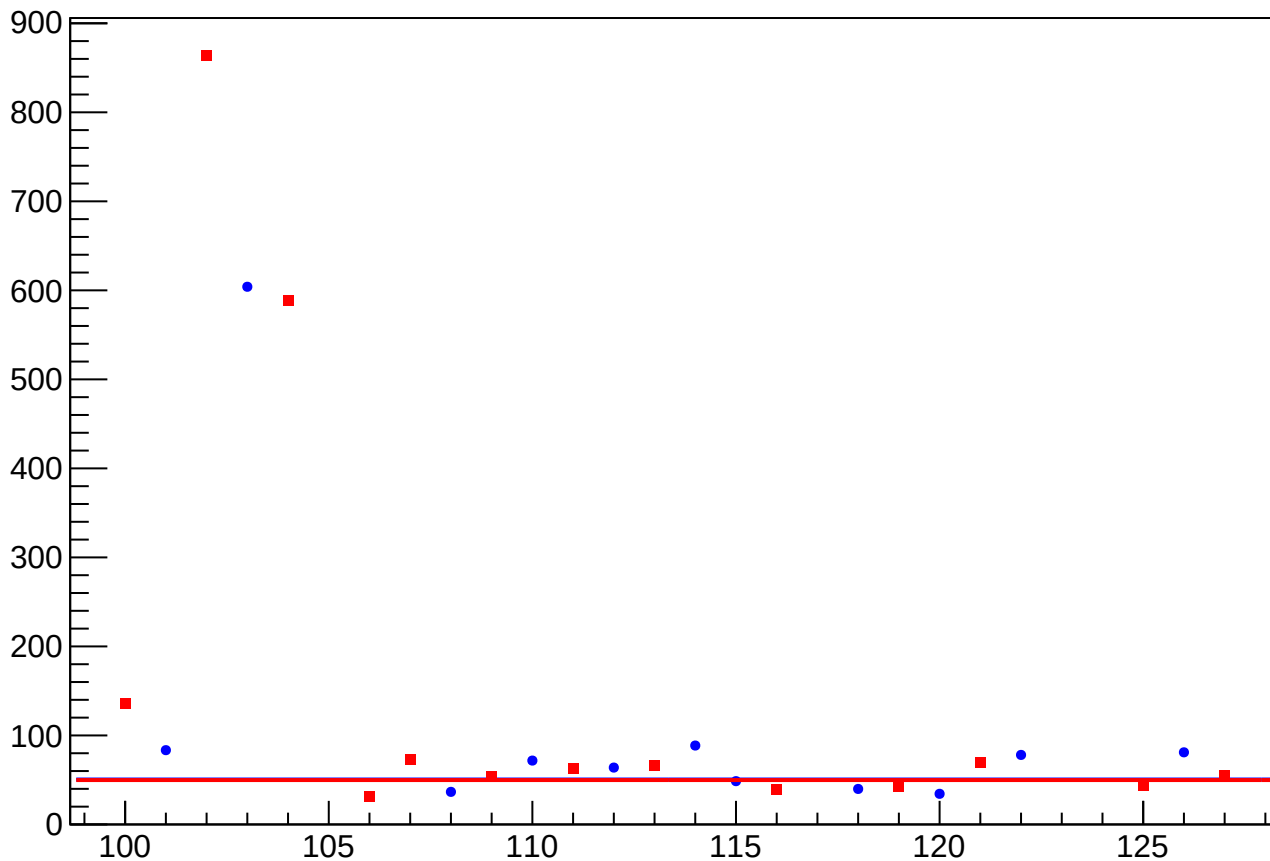
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.021 ± 0.019 $\chi^2/\text{NDF}: 14.5/23$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 50.463+/-0.020 χ^2/NDF : 1821994.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.876+/-0.019 χ^2/NDF : 2182668.6/12

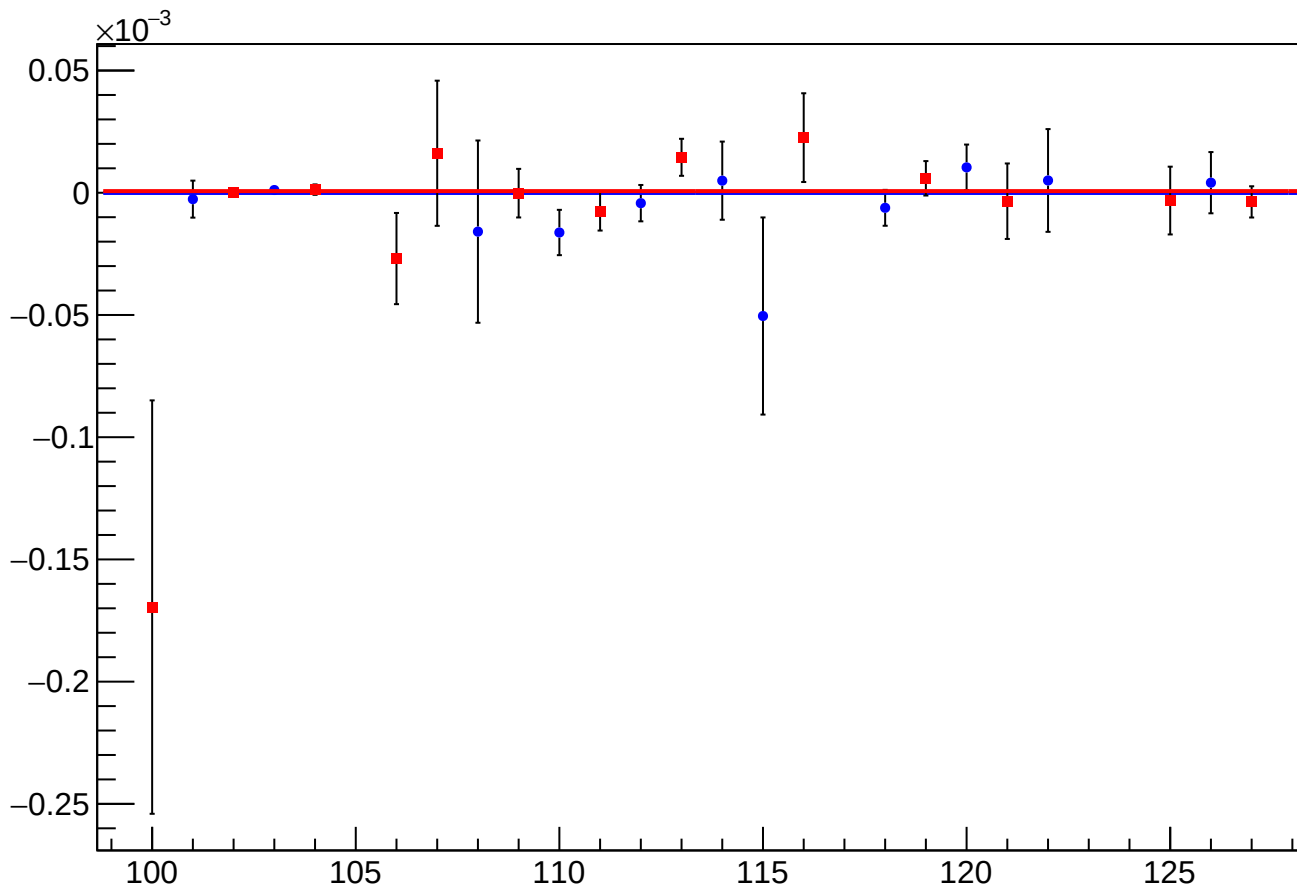
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.152+/-0.014 χ^2/NDF : 4005124.0/23

- 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+/-0.000 χ^2 /NDF: 7.8/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 13.8/12

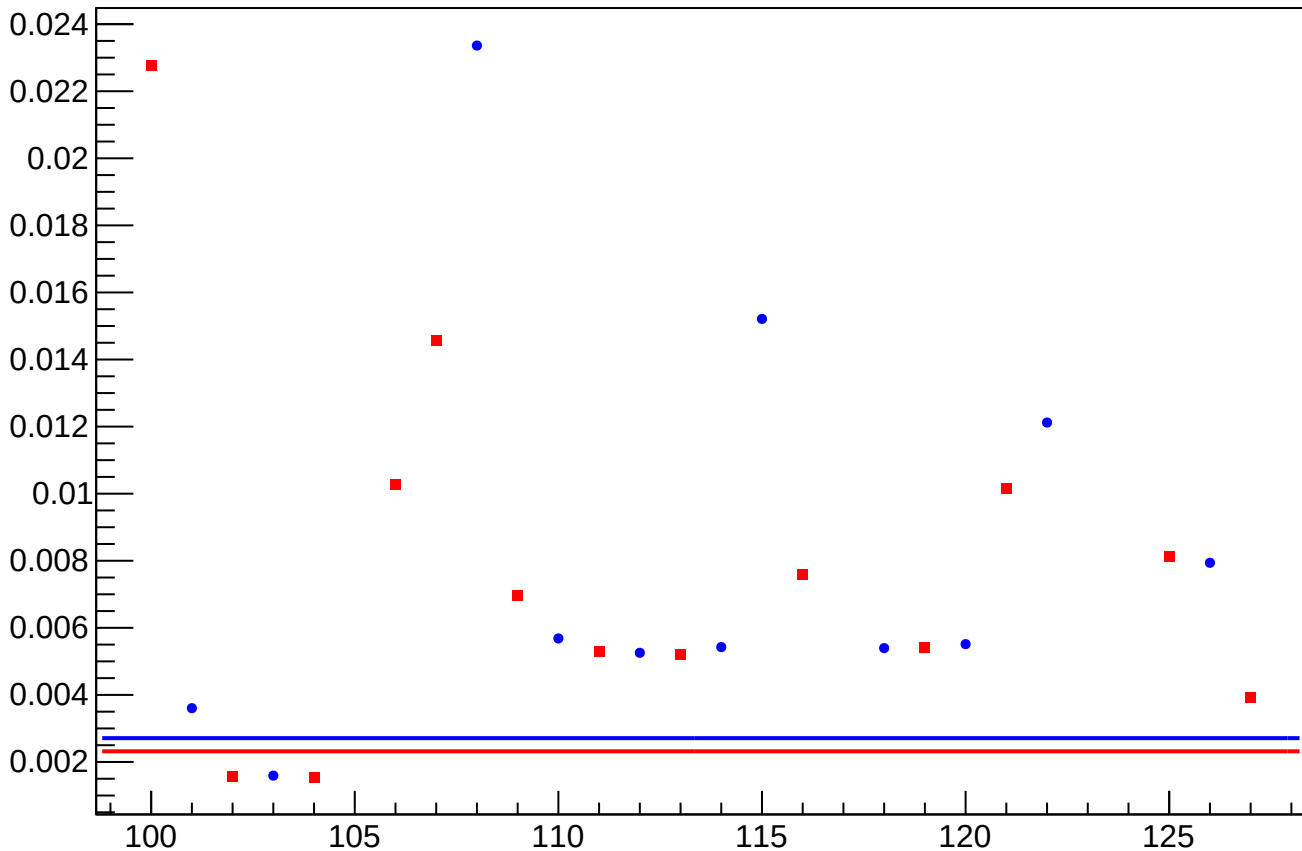
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 21.7/23

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 3123523.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3945241.4/12

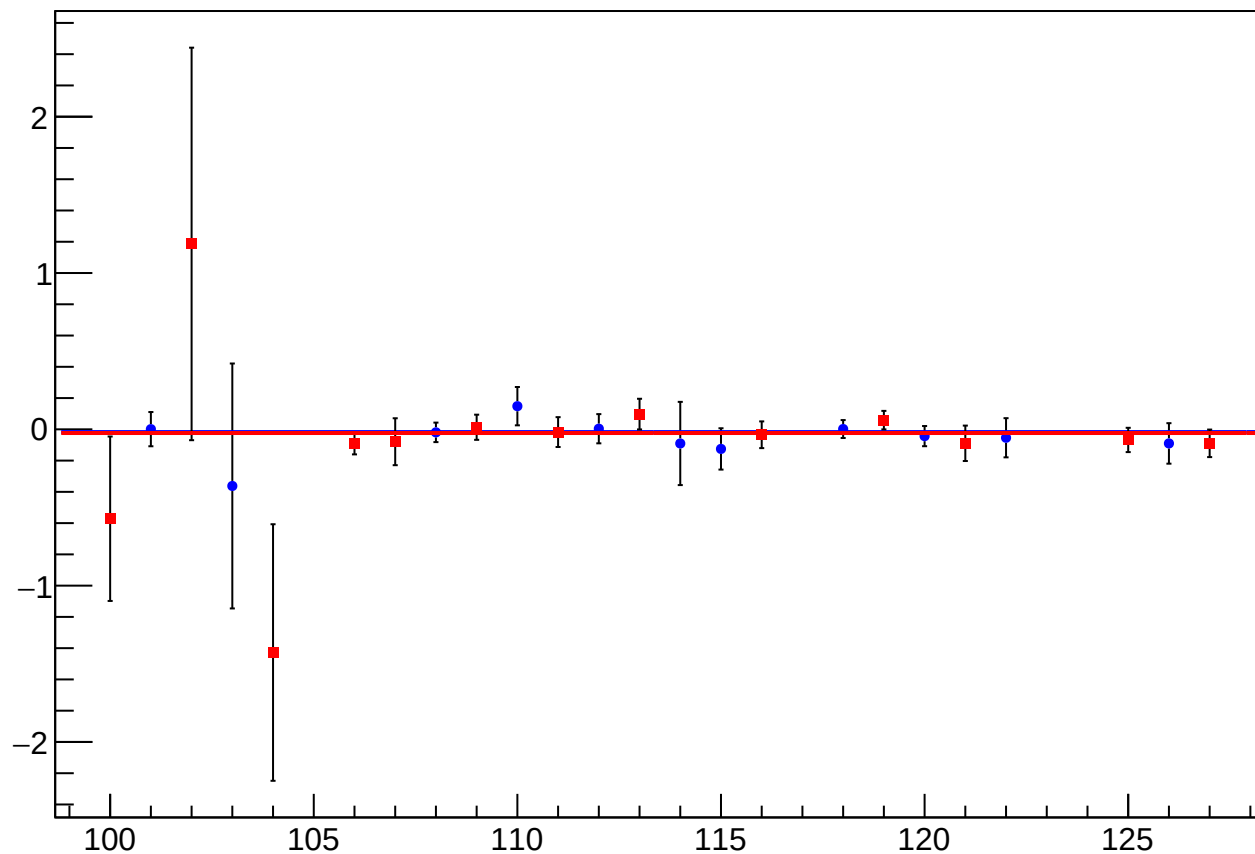
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 7133789.5/23

- 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: -0.018+/-0.028 χ^2/NDF : 3.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.024+/-0.027 χ^2/NDF : 11.0/12

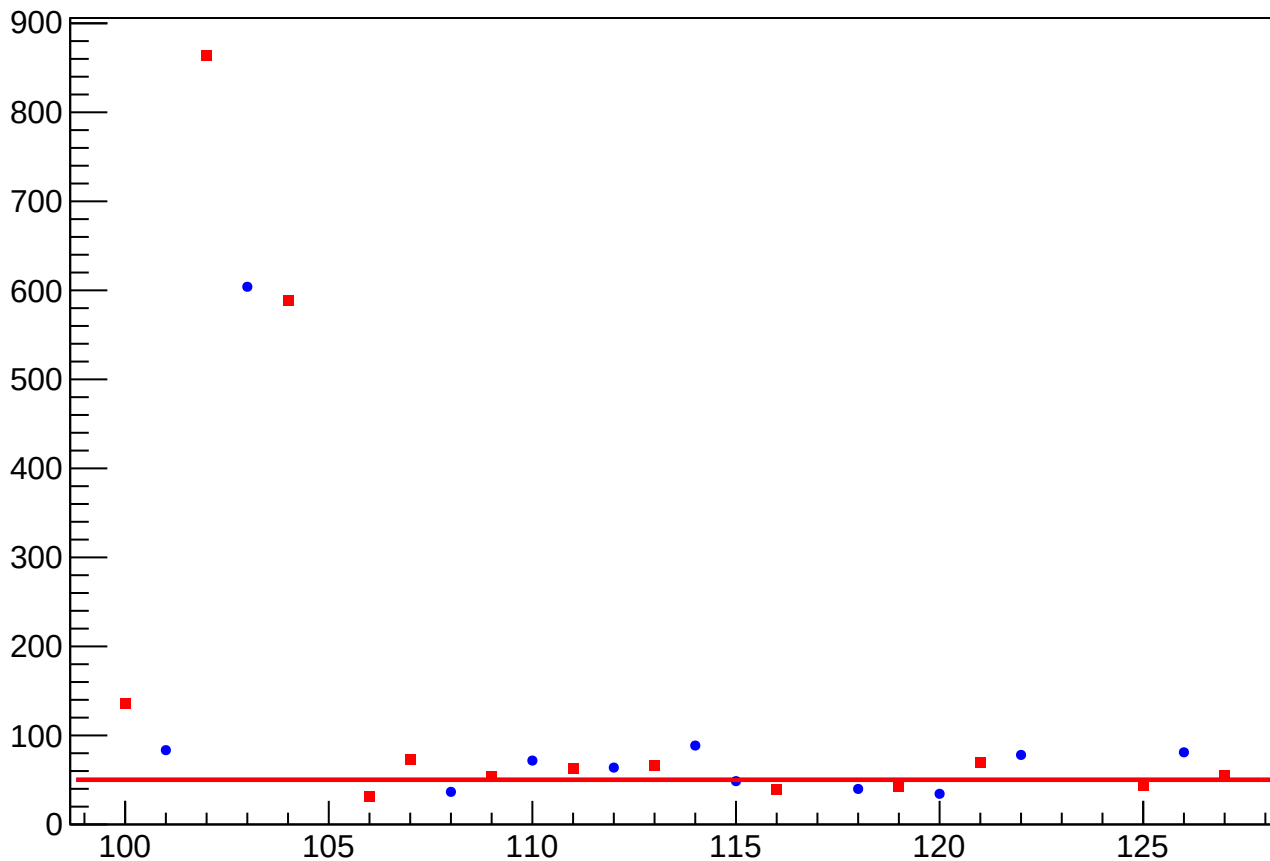
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.021+/-0.019 χ^2/NDF : 14.5/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 50.467 $\pm$ 0.020 χ^2 /NDF: 1821739.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 49.878 $\pm$ 0.019 χ^2 /NDF: 2182475.9/12

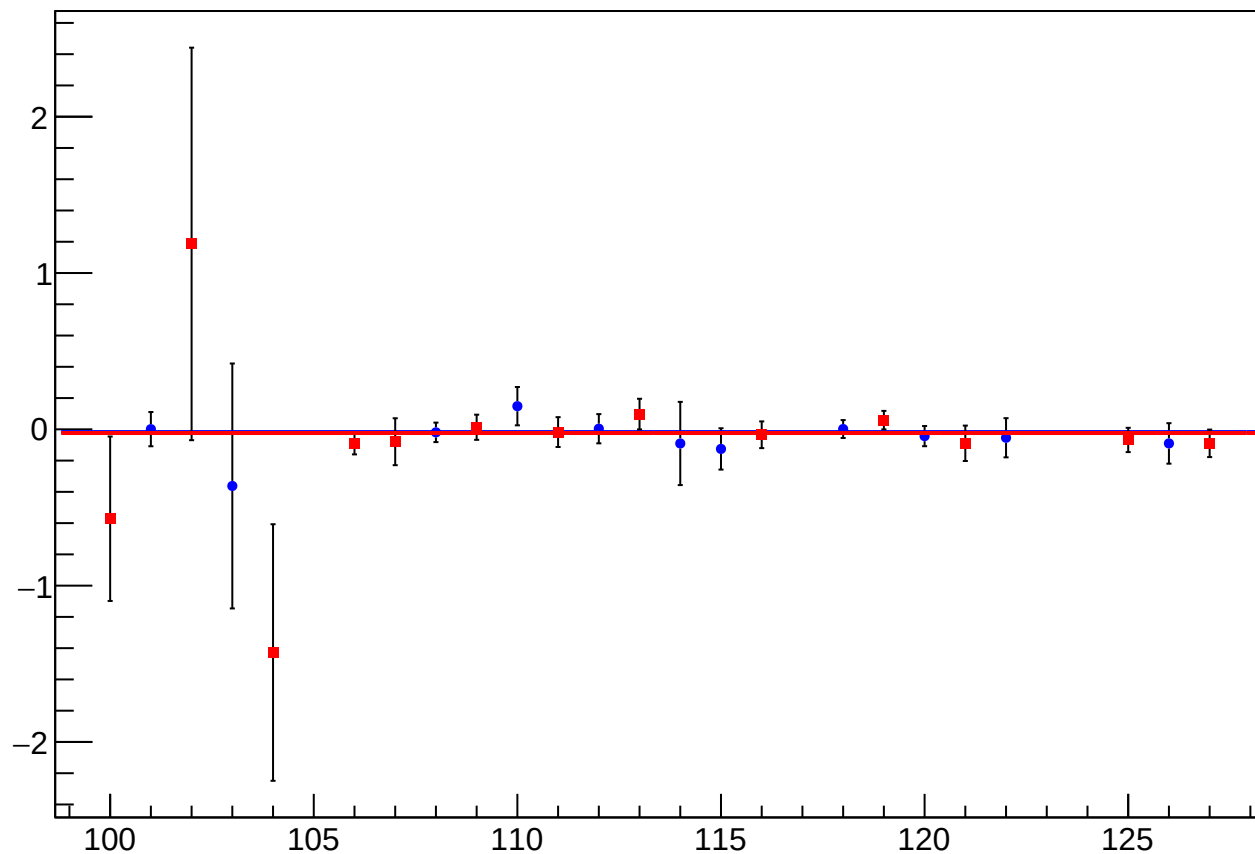
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 50.155 $\pm$ 0.014 χ^2 /NDF: 4004680.3/23

- 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: -0.018 ± 0.028 χ^2/NDF : 3.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.024 ± 0.027 χ^2/NDF : 11.0/12

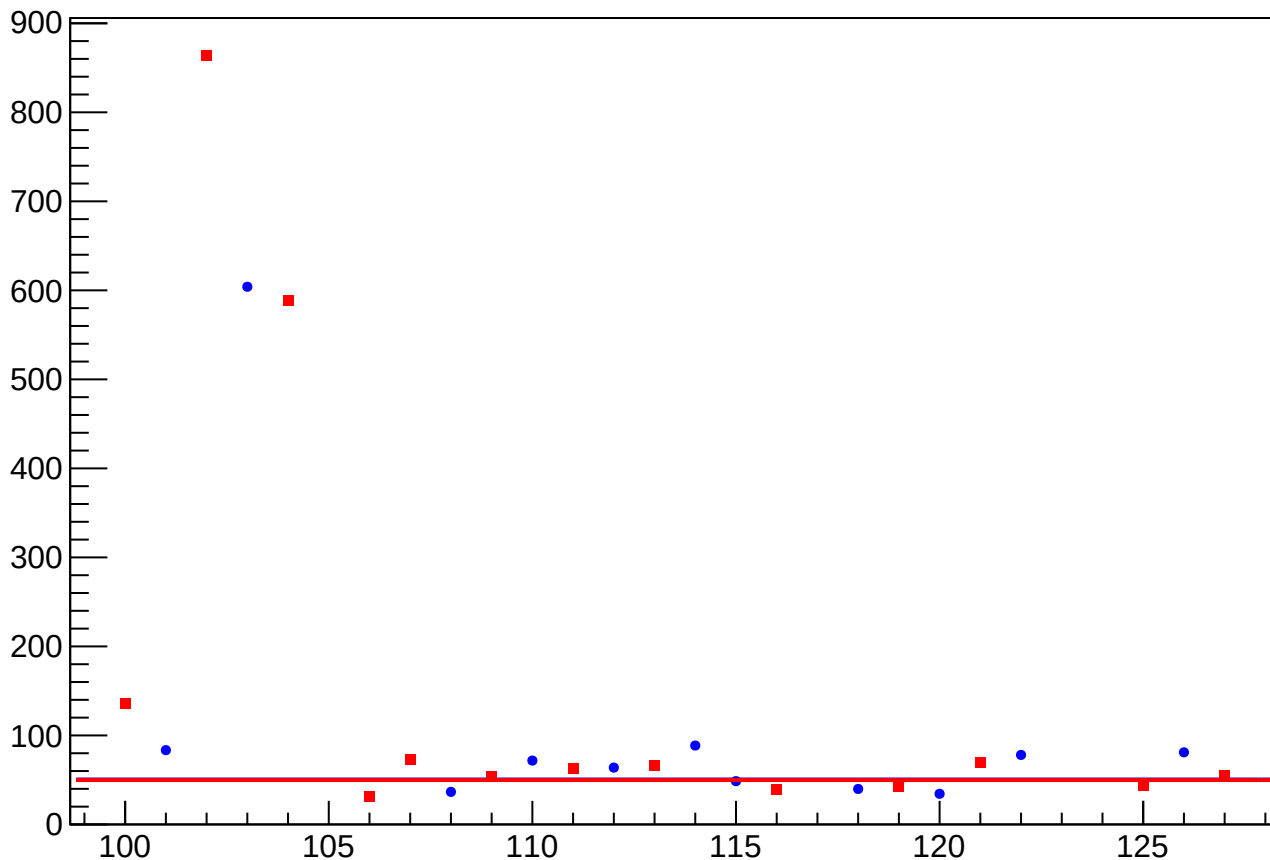
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.021 ± 0.019 χ^2/NDF : 14.5/23

- 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: 50.467+/-0.020 χ^2/NDF : 1821739.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.878+/-0.019 χ^2/NDF : 2182475.9/12

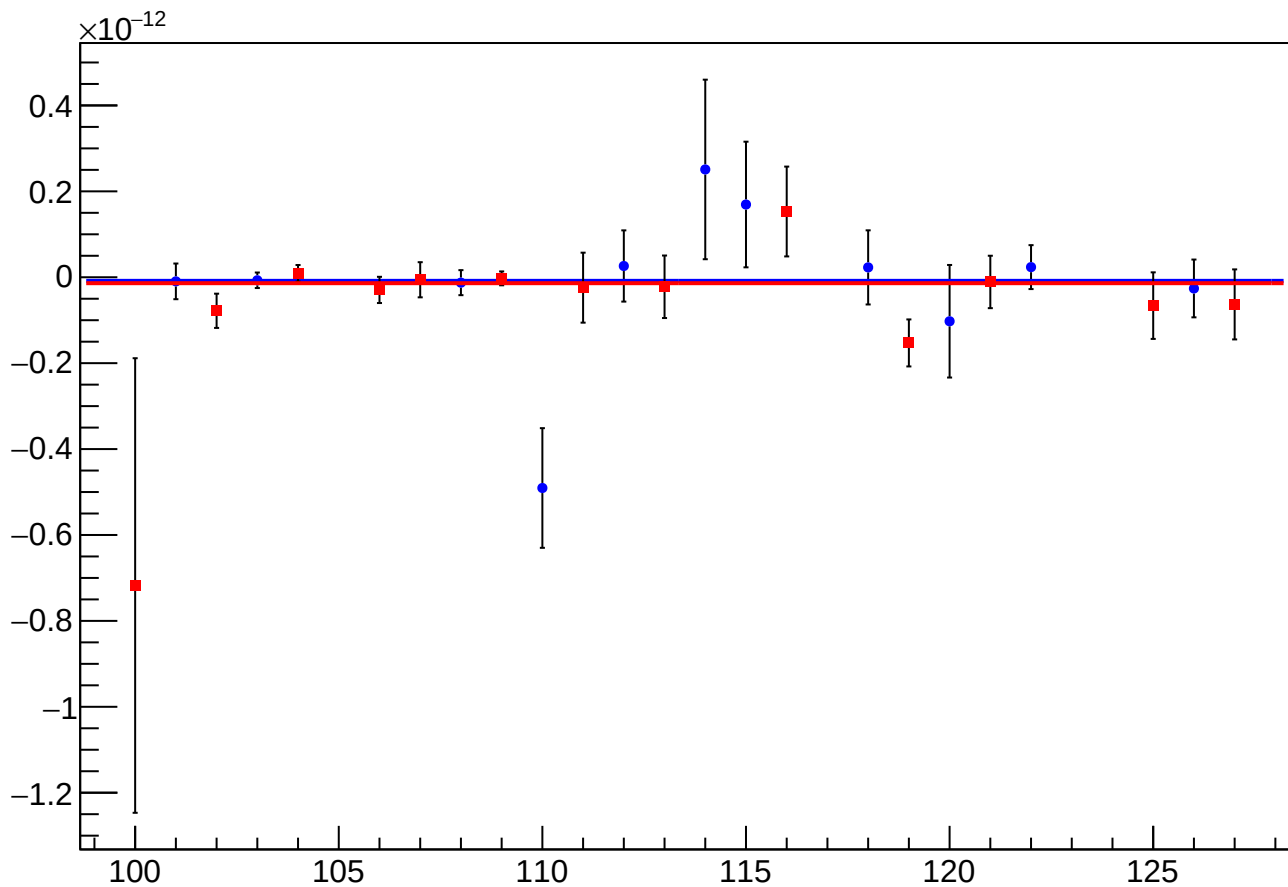
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.155+/-0.014 χ^2/NDF : 4004680.3/23

- 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+/-0.000 χ^2 /NDF: 16.3/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 16.4/12

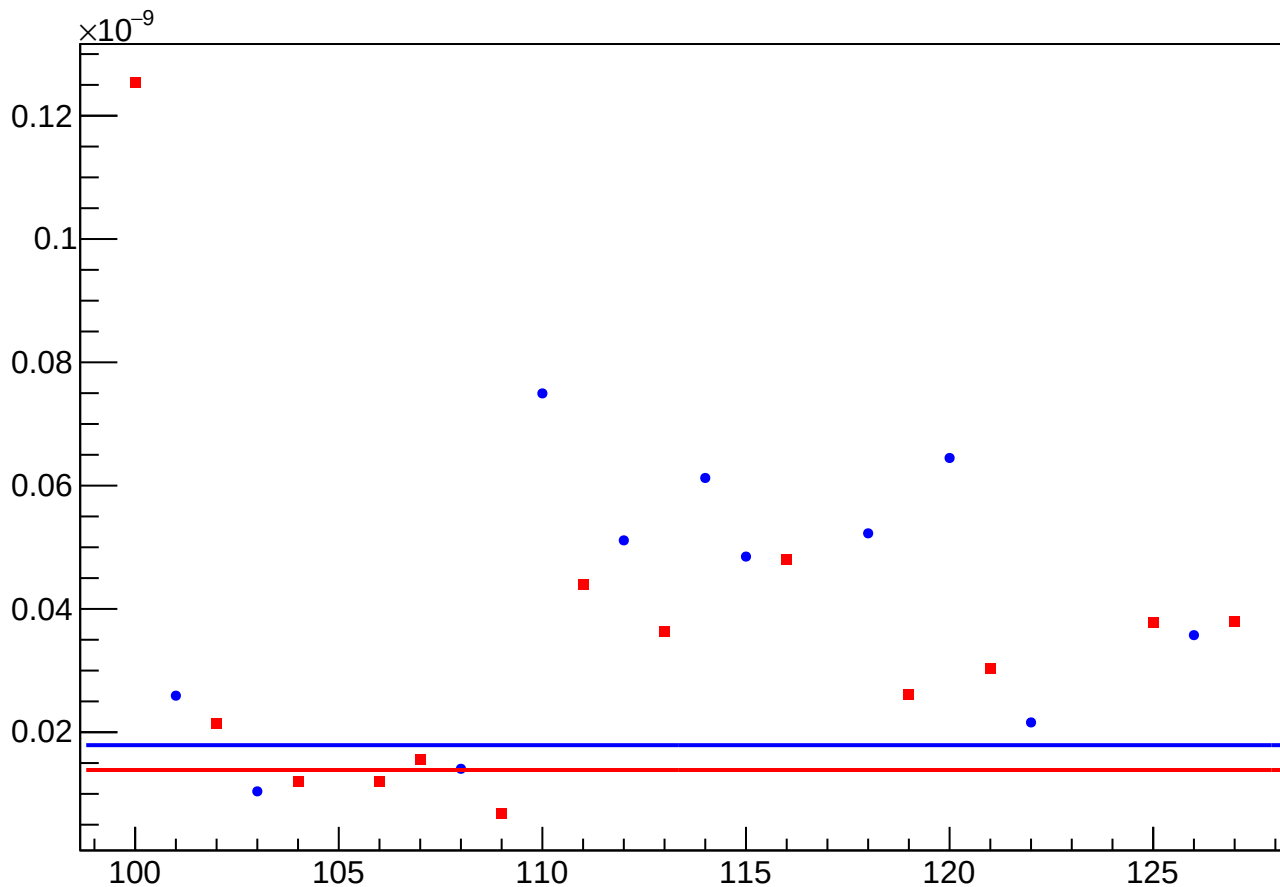
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 32.9/23

- sign 0.000+/-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: 2005187.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1866105.1/12

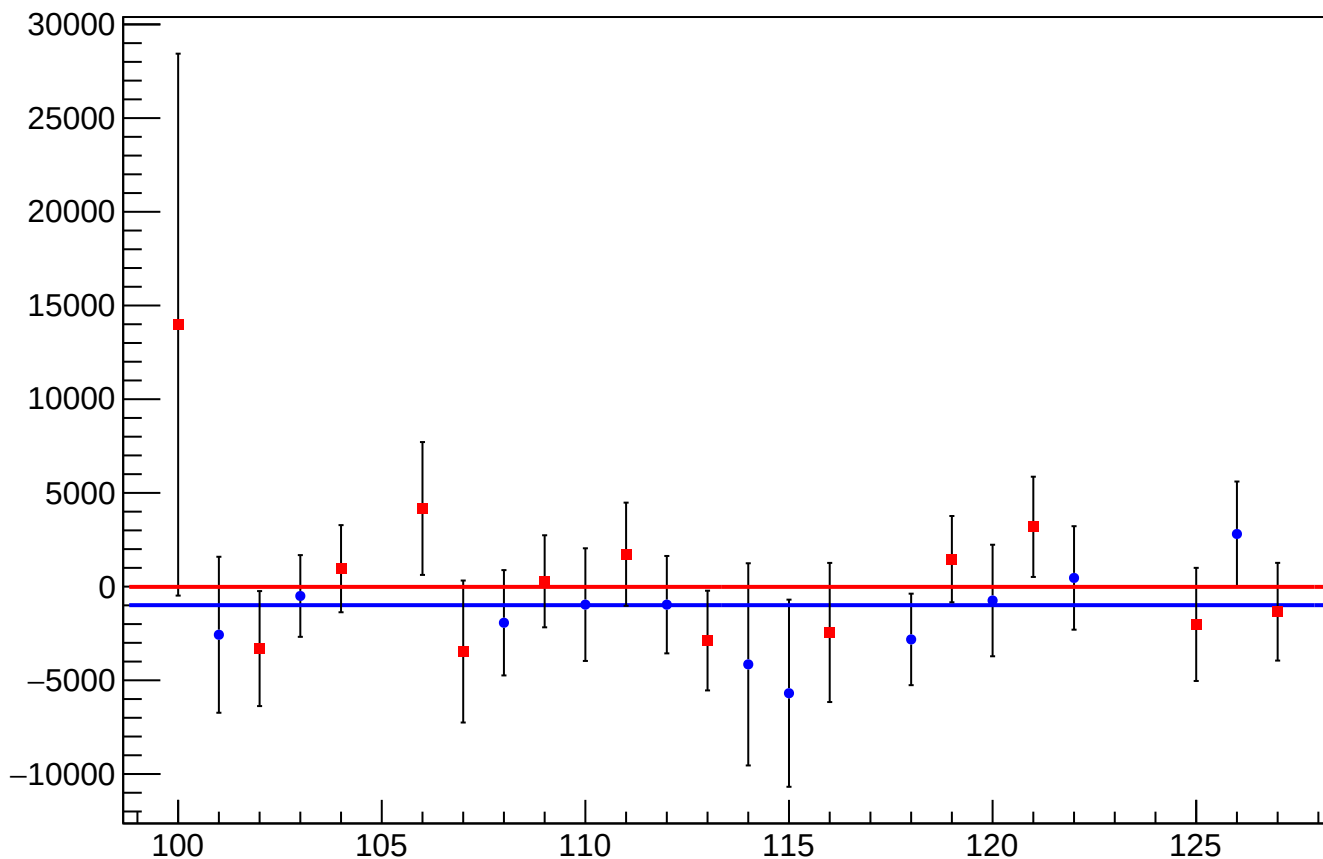
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3992445.6/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -990.395+/-888.248 χ^2/NDF : 4.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.549+/-805.215 χ^2/NDF : 9.0/12

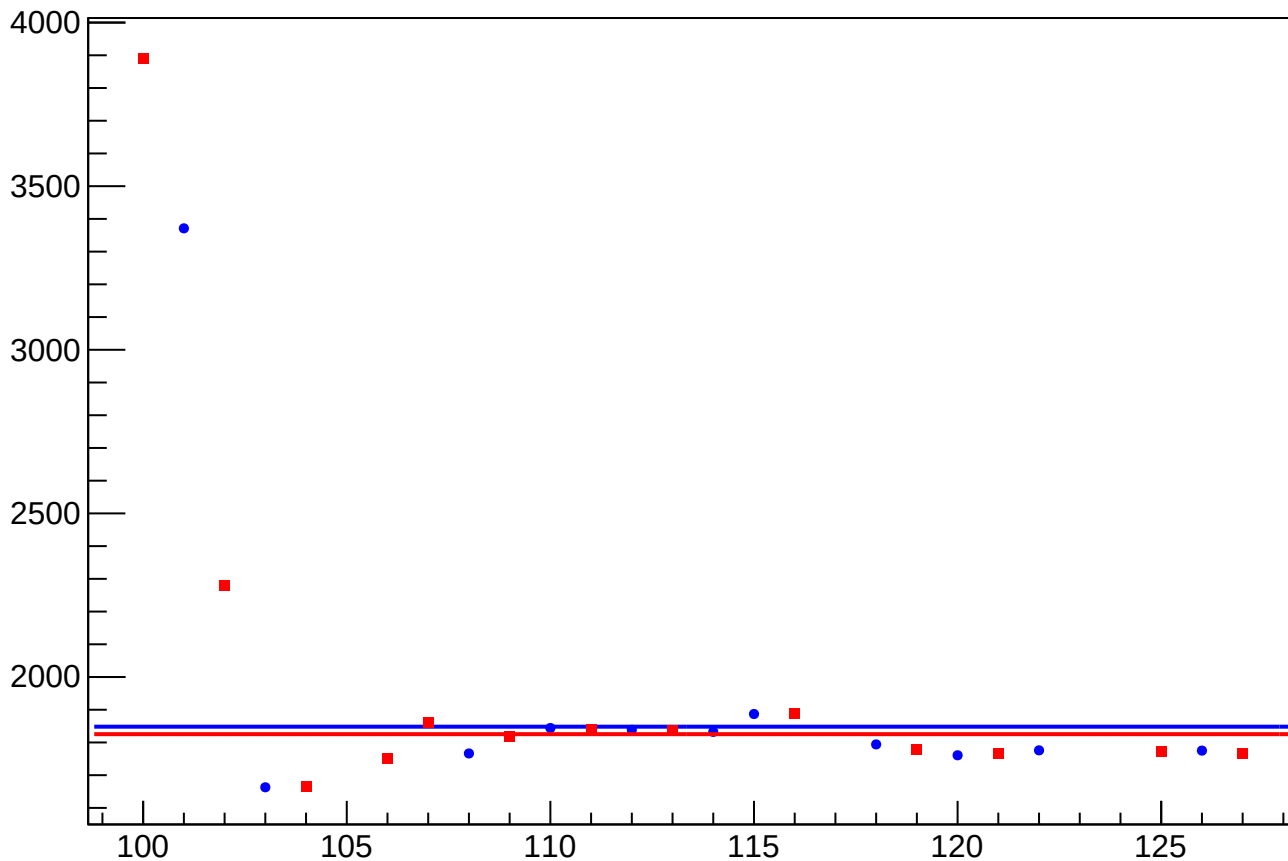
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -454.740+/-596.573 χ^2/NDF : 13.9/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1848.225+/-0.628 χ^2/NDF : 289544.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1825.342+/-0.569 χ^2/NDF : 99385.3/12

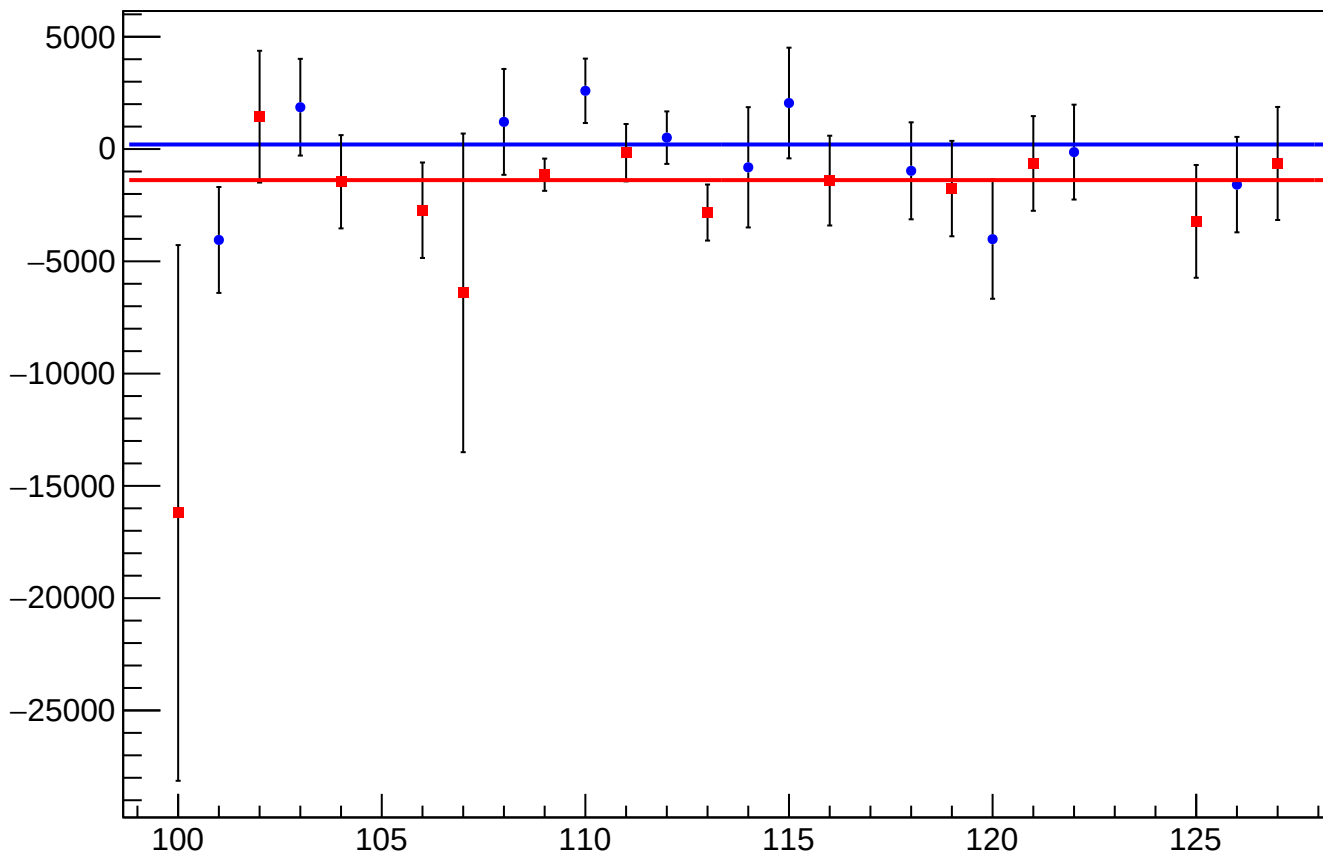
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1835.664+/-0.422 χ^2/NDF : 389658.2/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_reg_correction_mean vs Slug



Right In: 203.540+/-587.351 χ^2/NDF : 11.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1383.256+/-456.183 χ^2/NDF : 6.5/12

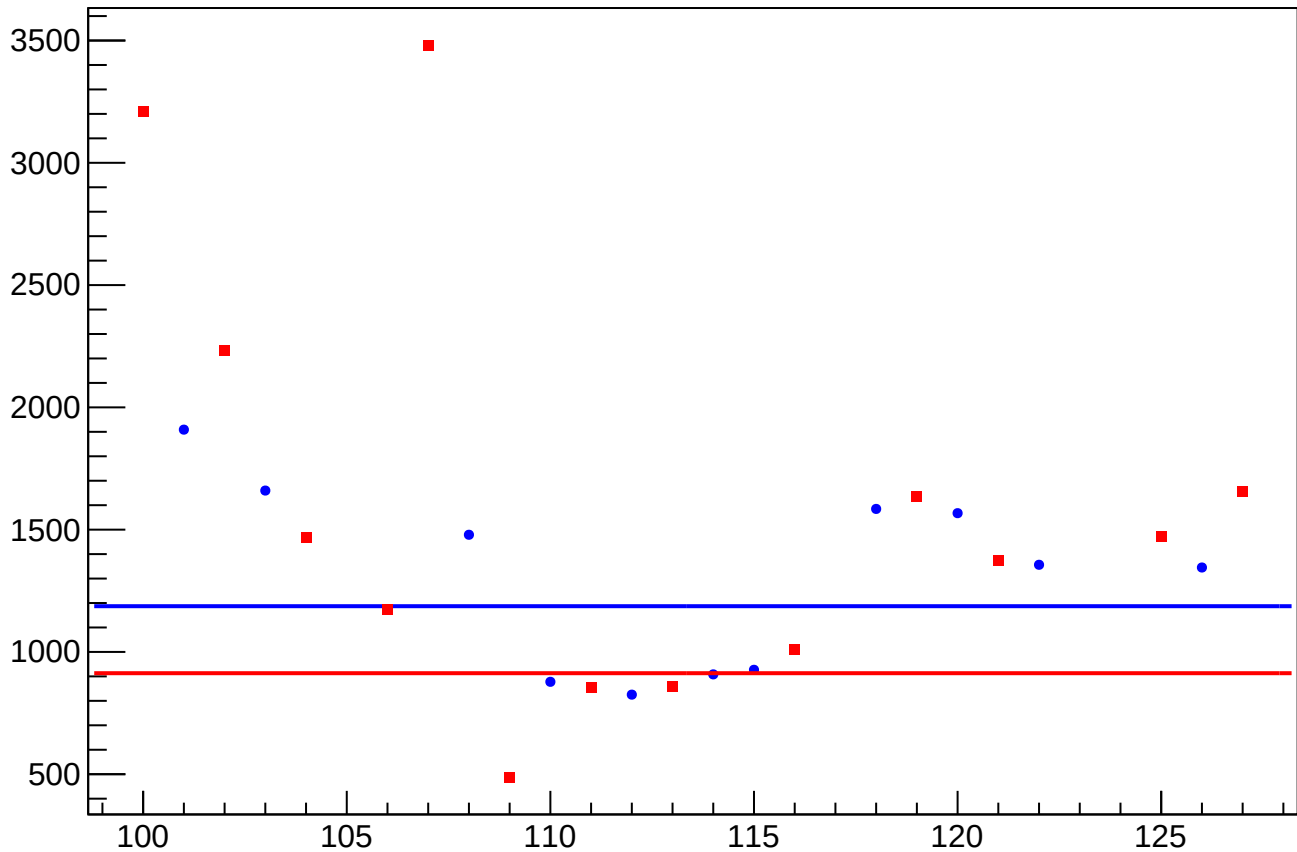
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -786.208+/-360.281 χ^2/NDF : 22.2/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_reg_correction_rms vs Slug



Right In: 1187.005+/-0.415 χ^2/NDF : 775584.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 913.053+/-0.323 χ^2/NDF : 2234835.9/12

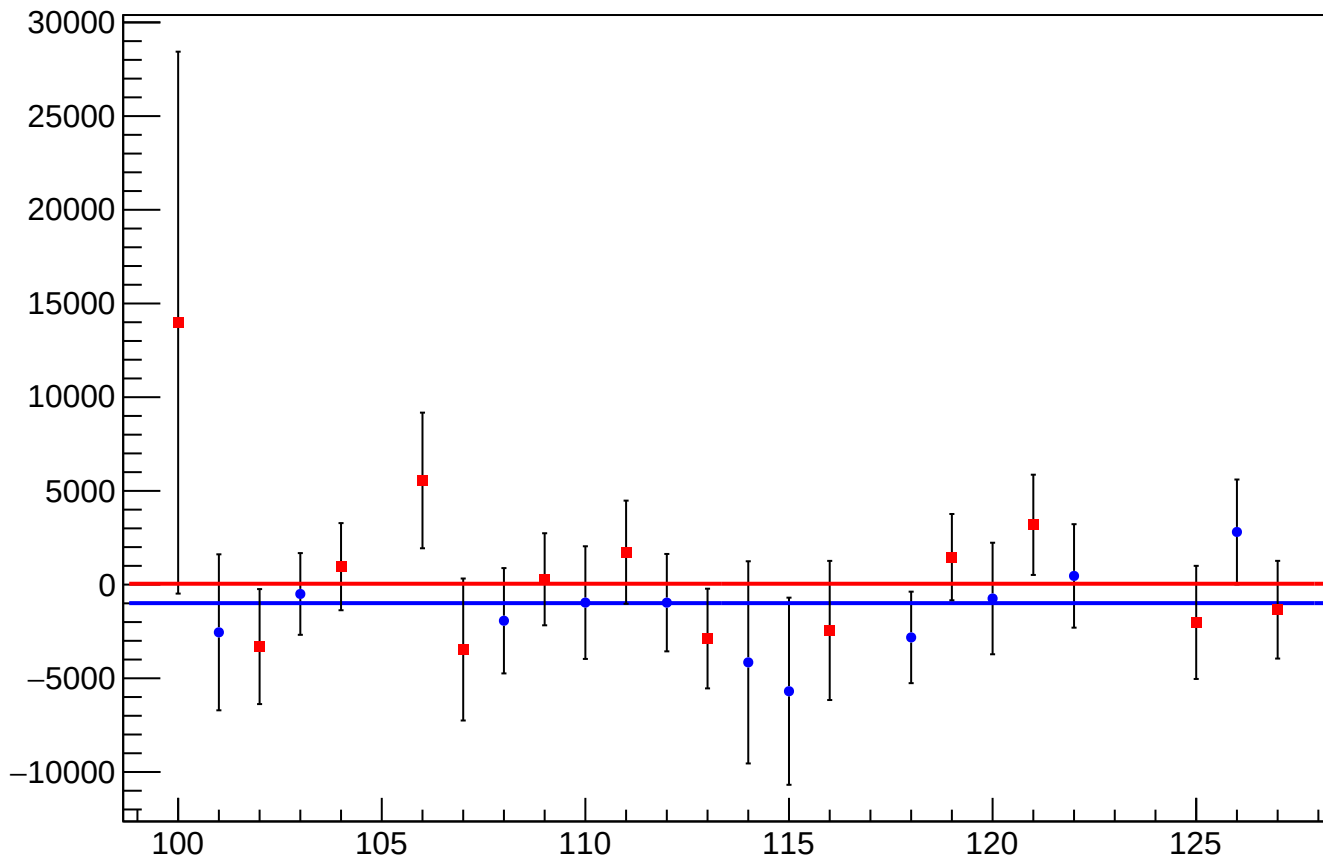
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1016.130+/-0.255 χ^2/NDF : 3281806.2/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -989.359+/-888.248 χ^2 /NDF: 4.2/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 45.577+/-806.065 χ^2 /NDF: 10.0/12

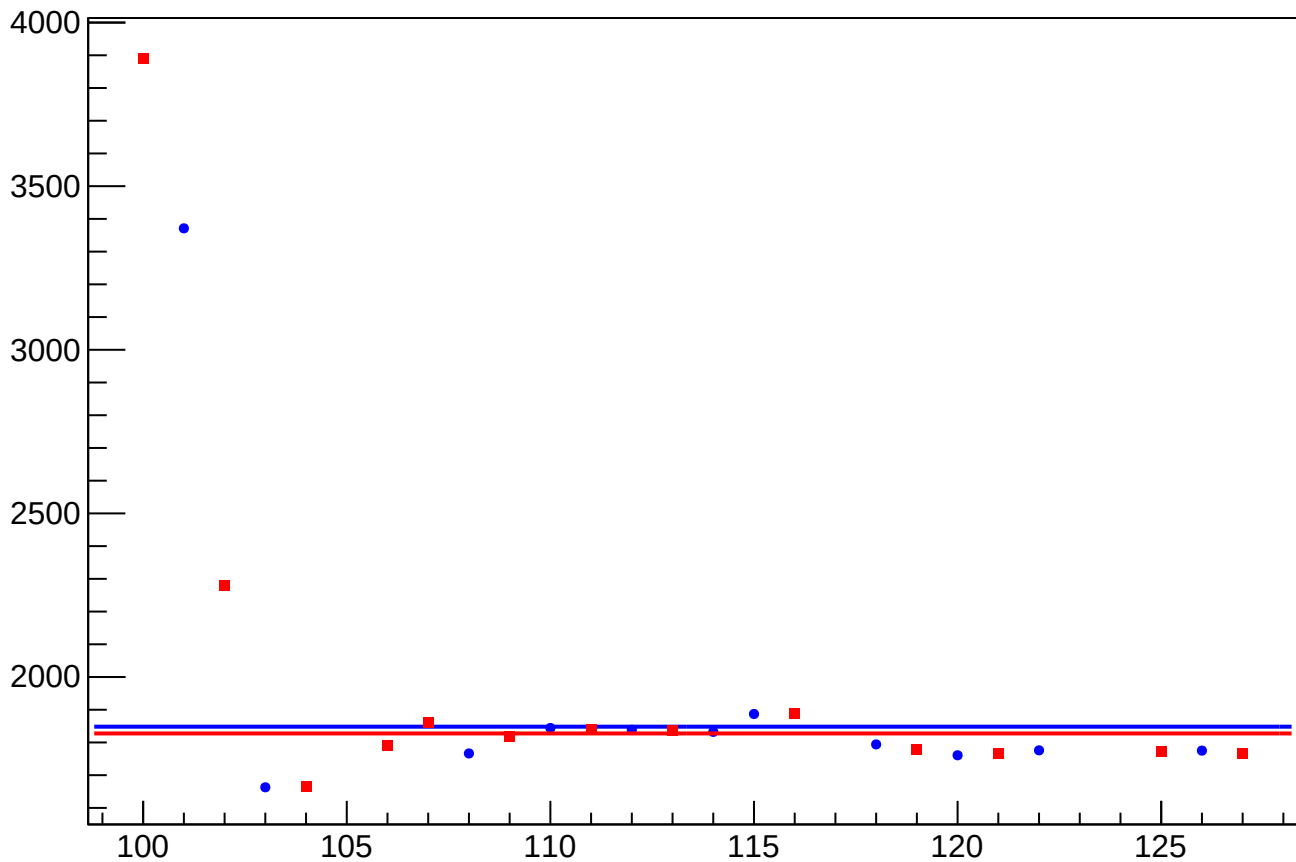
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -421.809+/-596.919 χ^2 /NDF: 15.0/23

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1848.225+/-0.628 χ^2/NDF : 289546.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

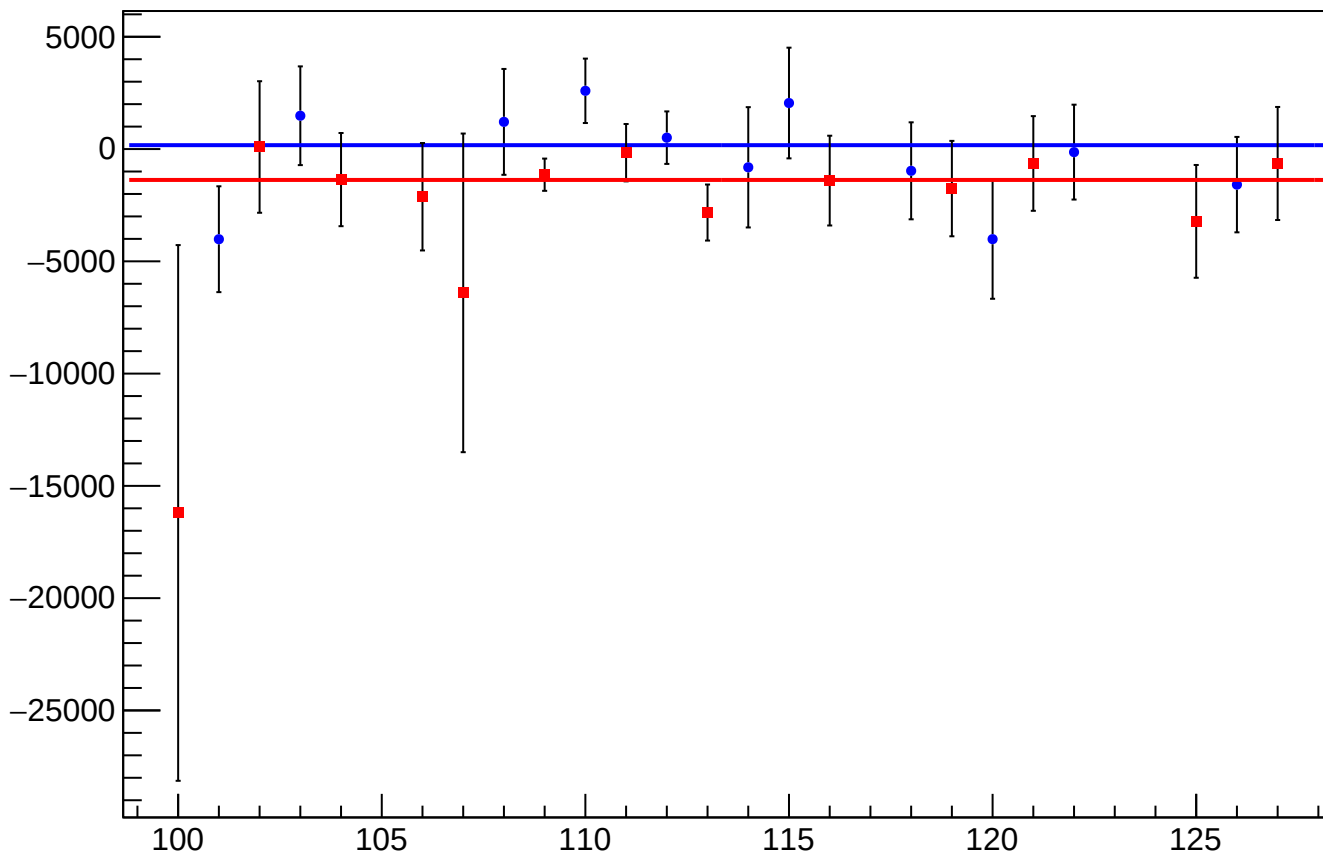
Right Out: 1827.528+/-0.570 χ^2/NDF : 98656.6/12

All: 1836.875+/-0.422 χ^2/NDF : 388798.3/23

- 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_atlr_dd_avg_cor_correction_mean vs Slug



Right In: 173.164+/-588.215 χ^2/NDF : 10.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1375.660+/-458.357 χ^2/NDF : 5.5/12

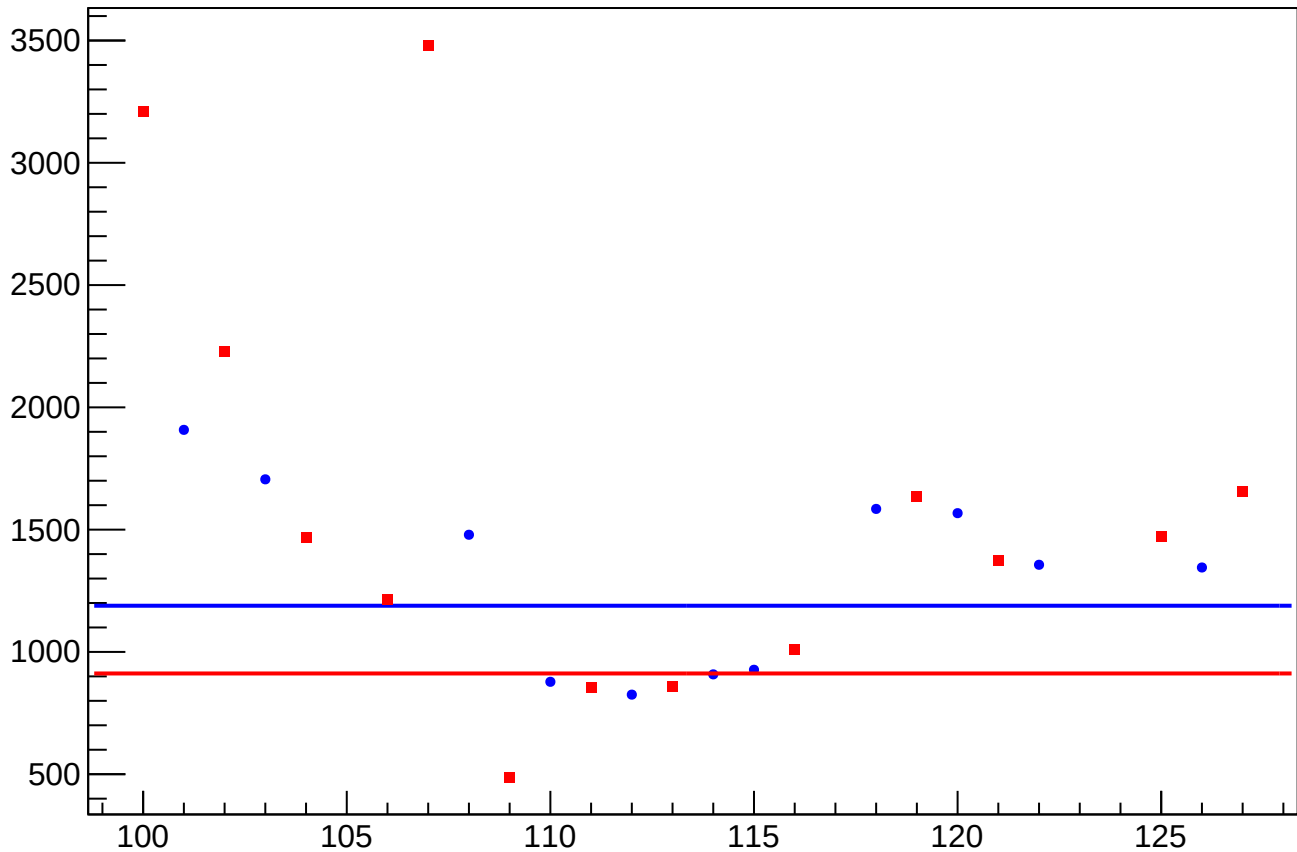
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -790.511+/-361.550 χ^2/NDF : 20.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_cor_correction_rms vs Slug



Right In: 1188.864 $\pm$ 0.416 χ^2 /NDF: 790219.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 911.911 $\pm$ 0.324 χ^2 /NDF: 2234804.2/12

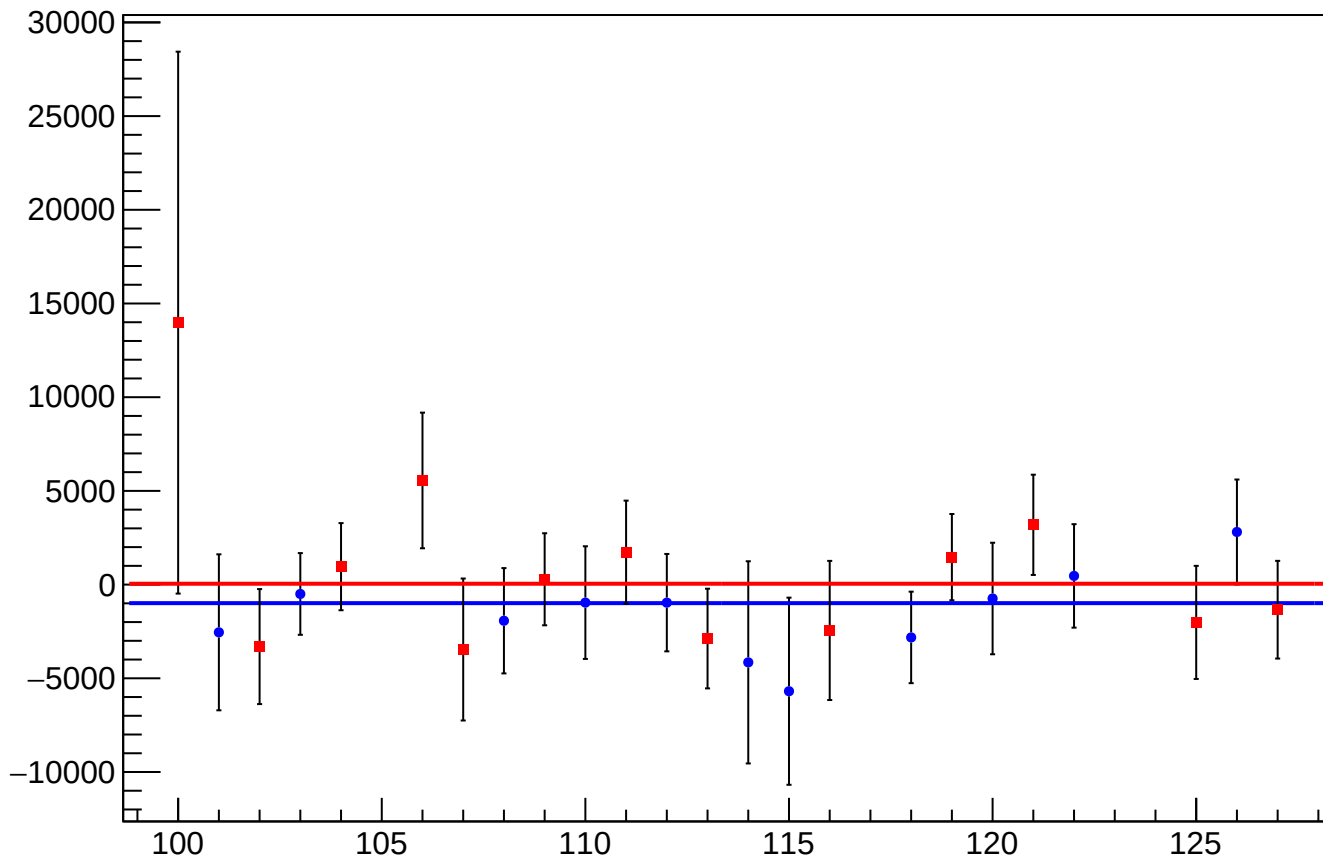
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1016.545 $\pm$ 0.256 χ^2 /NDF: 3300889.6/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -989.359+/-888.248 χ^2 /NDF: 4.2/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 45.577+/-806.065 χ^2 /NDF: 10.0/12

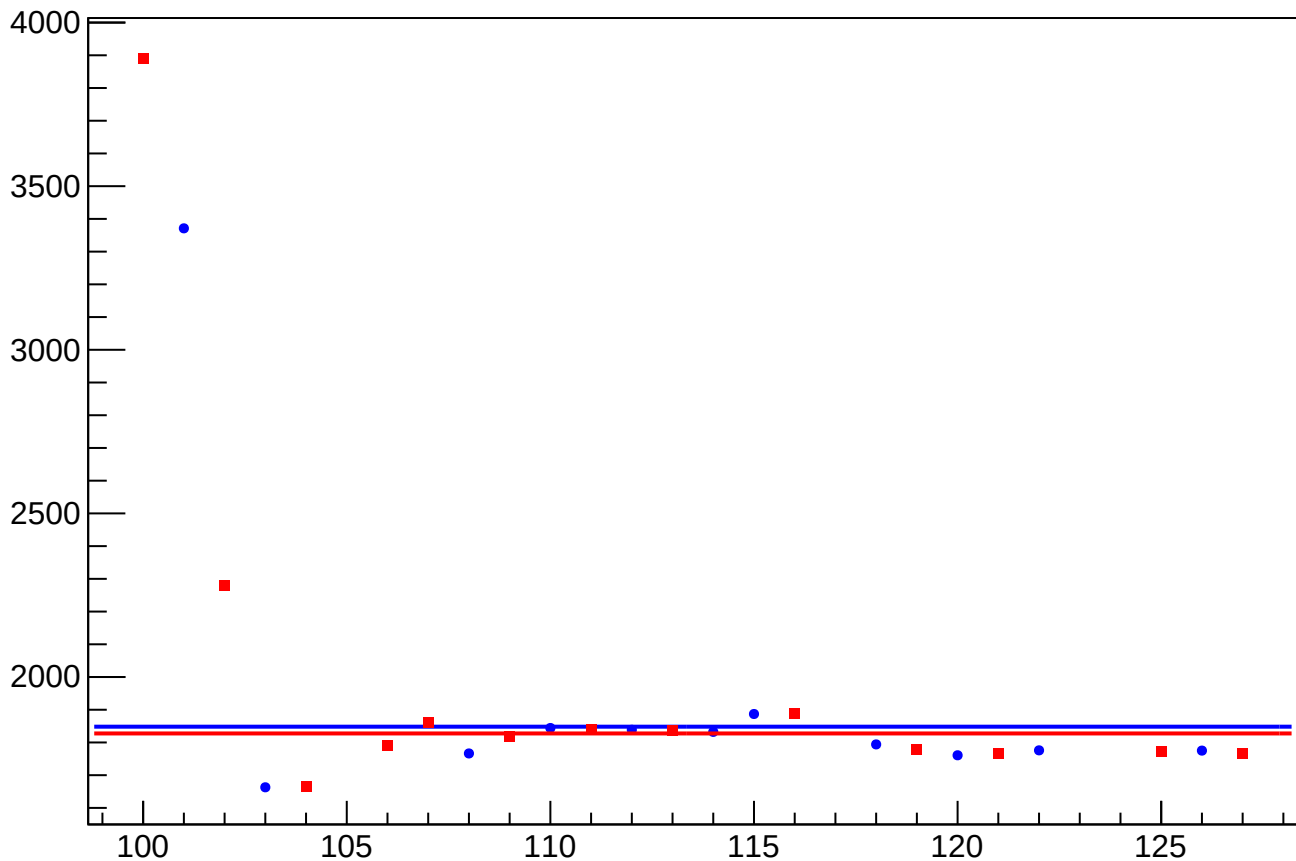
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -421.809+/-596.919 χ^2 /NDF: 15.0/23

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1848.225+/-0.628 χ^2/NDF : 289546.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1827.528+/-0.570 χ^2/NDF : 98656.6/12

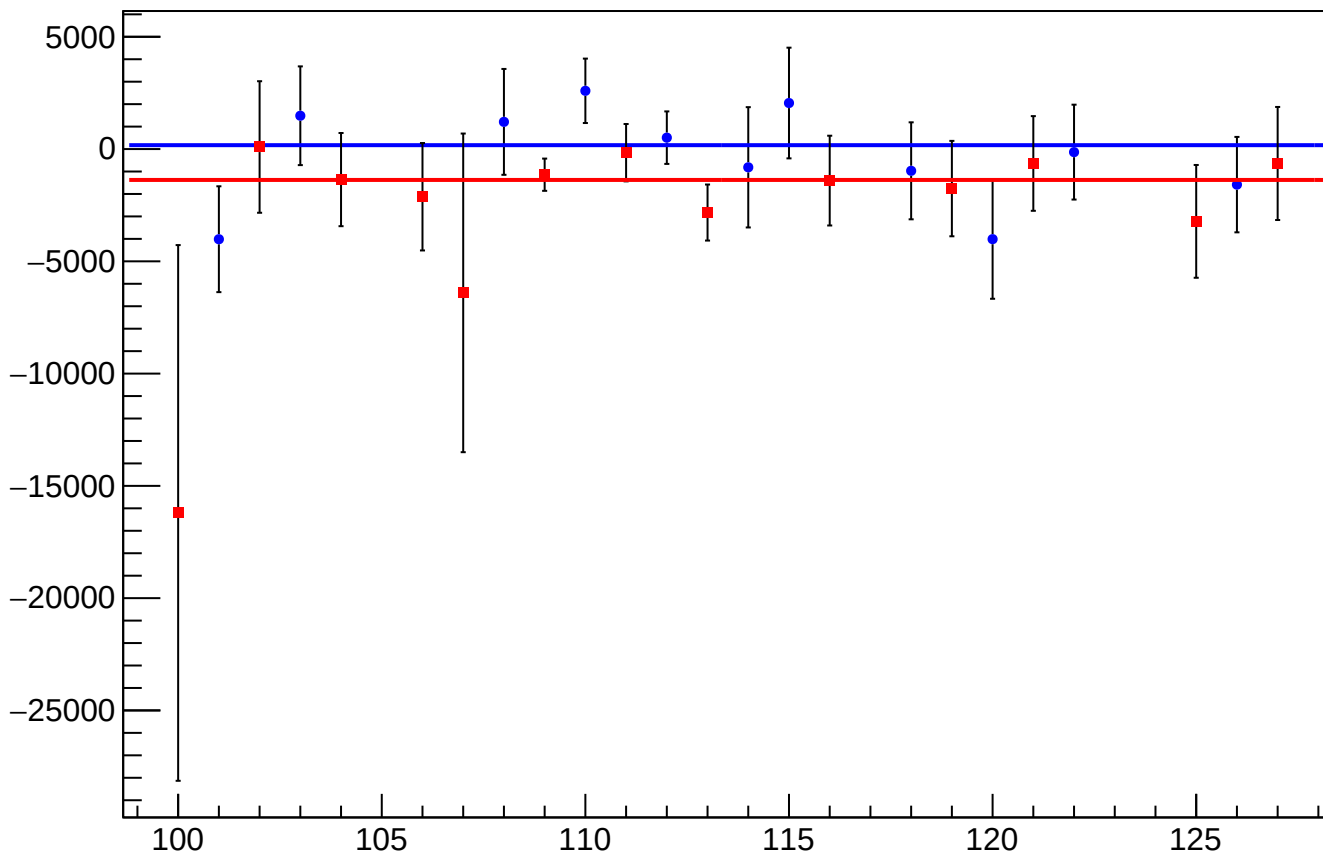
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1836.875+/-0.422 χ^2/NDF : 388798.3/23

- 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: 173.164+/-588.215 χ^2/NDF : 10.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1375.660+/-458.357 χ^2/NDF : 5.5/12

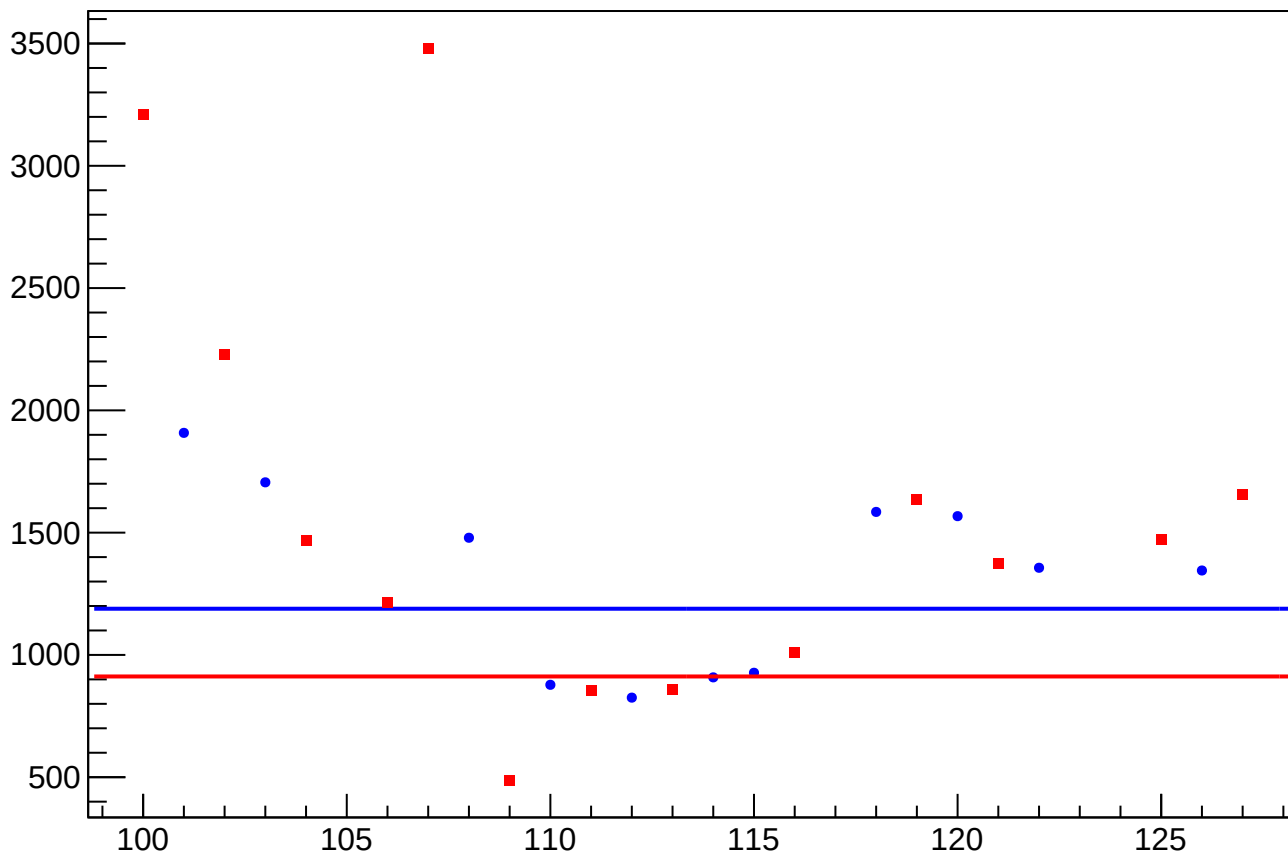
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -790.511+/-361.550 χ^2/NDF : 20.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_eigen_cor_correction_rms vs Slug



Right In: 1188.864+/-0.416 χ^2/NDF : 790219.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 911.911+/-0.324 χ^2/NDF : 2234804.2/12

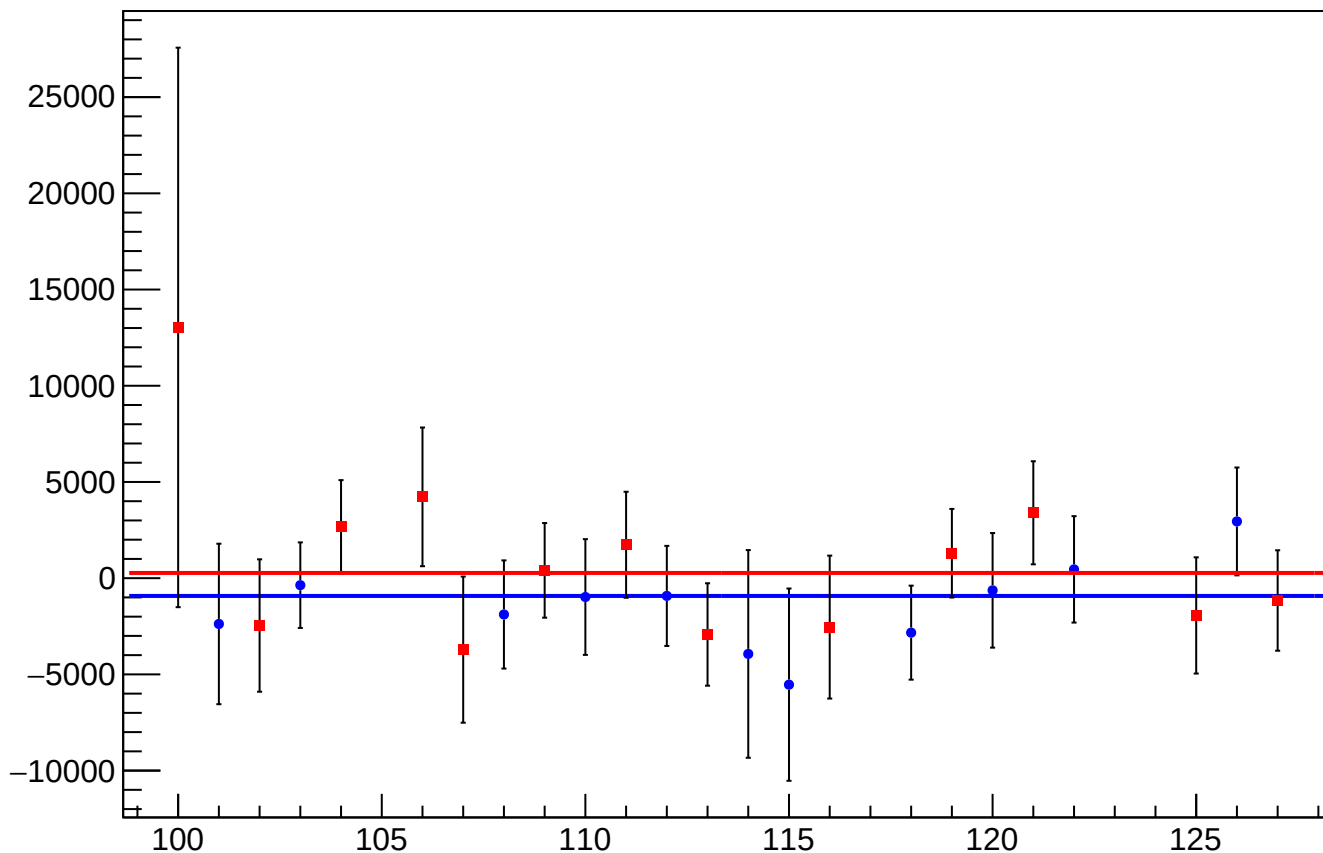
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1016.545+/-0.256 χ^2/NDF : 3300889.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -923.058+/-891.652 χ^2/NDF : 4.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 272.157+/-816.378 χ^2/NDF : 9.4/12

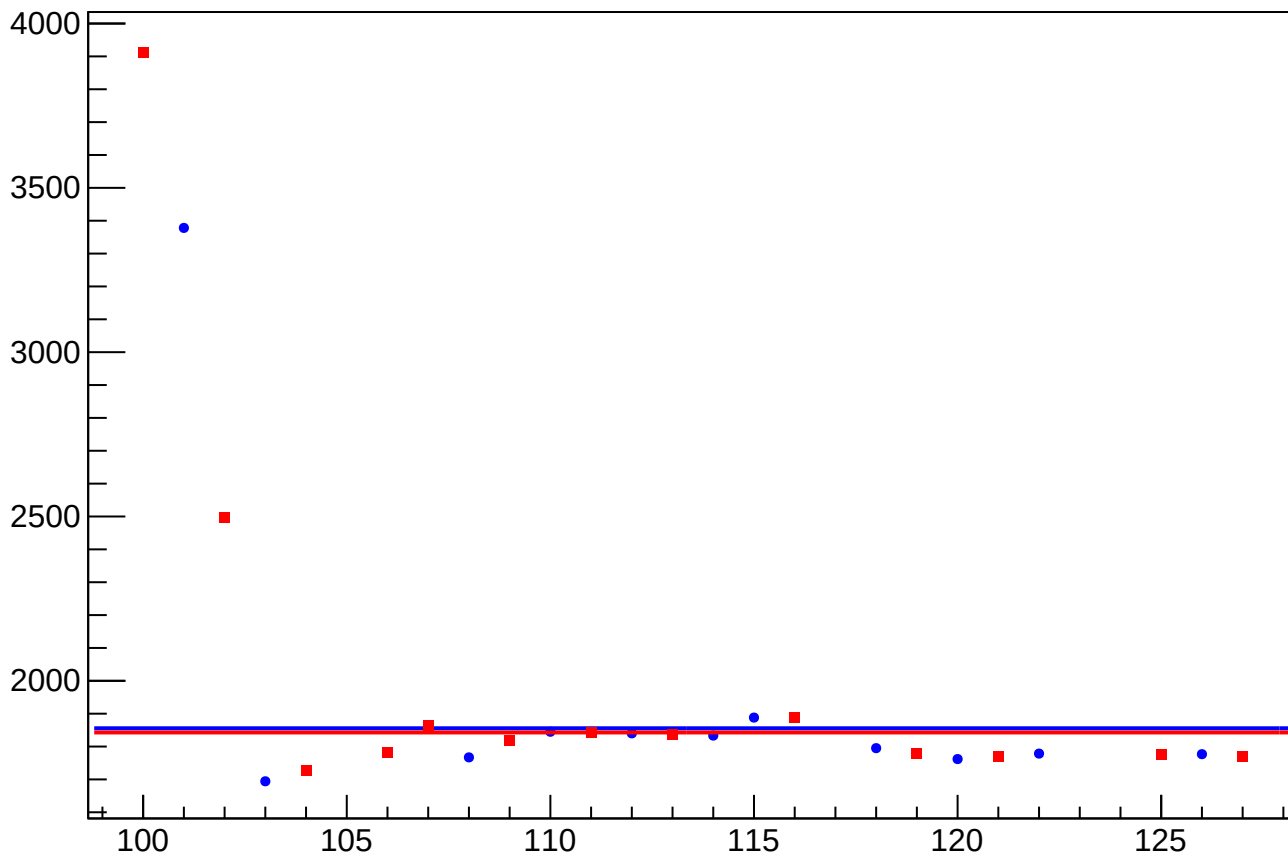
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -272.879+/-602.123 χ^2/NDF : 14.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1855.575+/-0.630 χ^2/NDF : 285614.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1842.878+/-0.577 χ^2/NDF : 124270.2/12

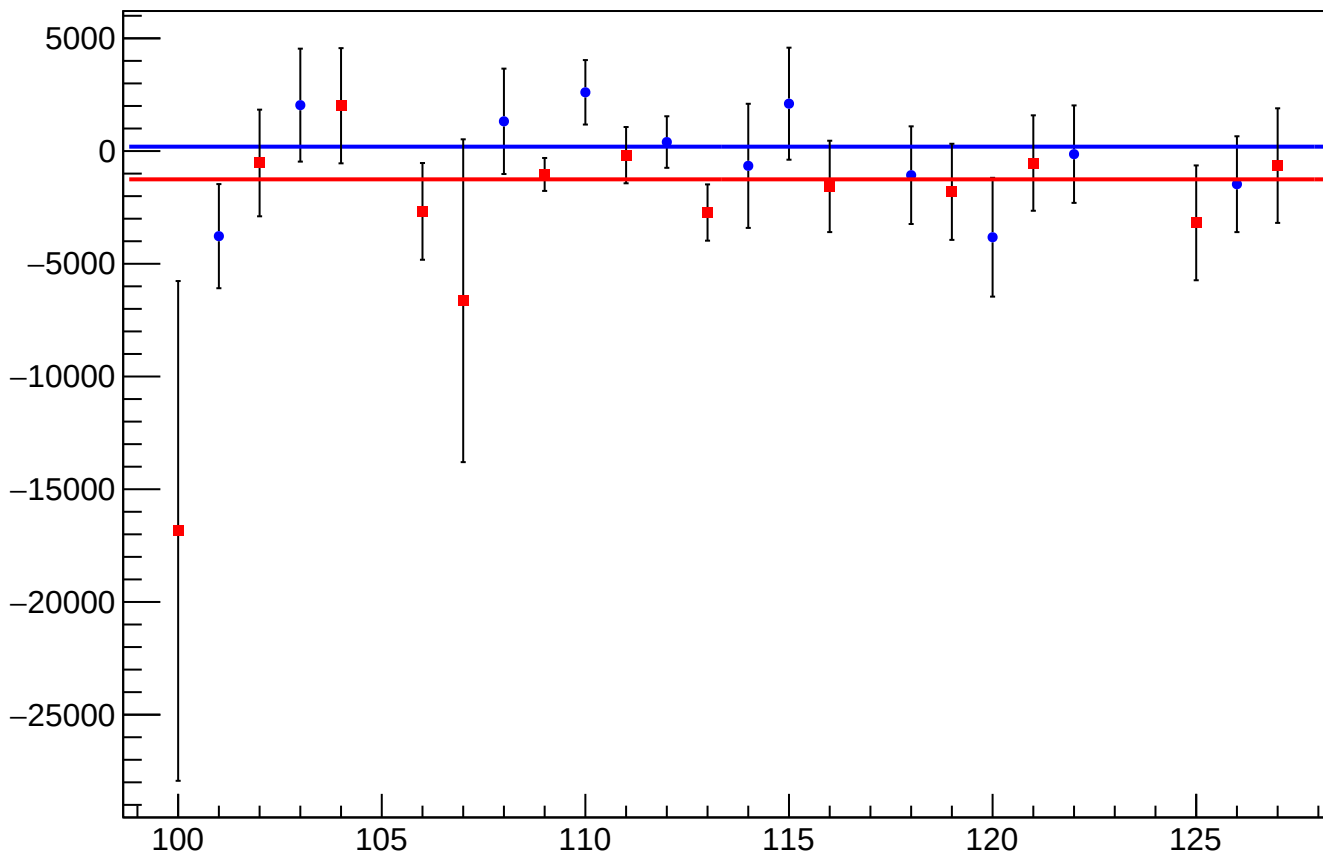
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1848.668+/-0.426 χ^2/NDF : 410105.5/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_dit_correction_mean vs Slug



Right In: 194.903 $\pm$ 590.247 χ^2 /NDF: 10.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1254.601 $\pm$ 459.776 χ^2 /NDF: 7.8/12

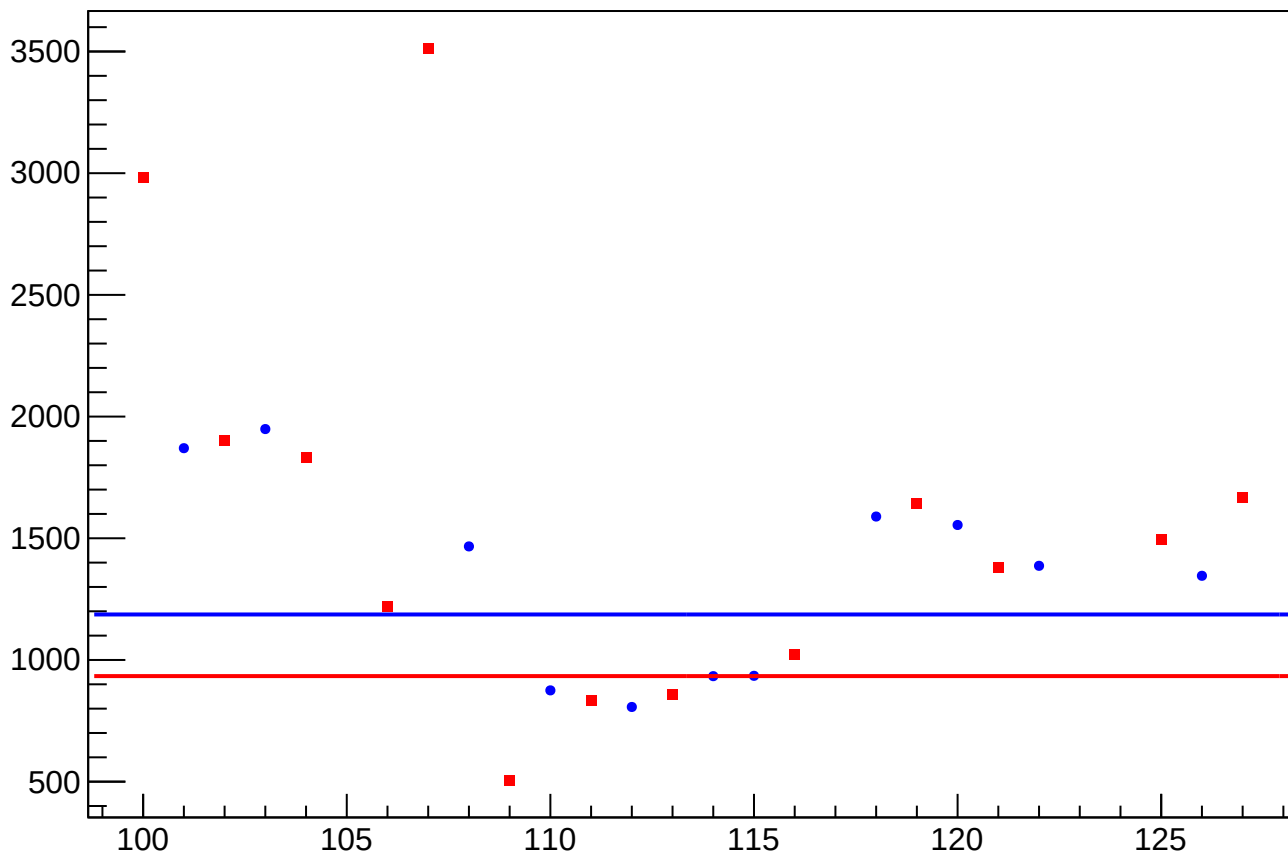
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -707.219 $\pm$ 362.718 χ^2 /NDF: 22.1/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_dit_correction_rms vs Slug



Right In: 1186.929+/-0.417 χ^2/NDF : 878471.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

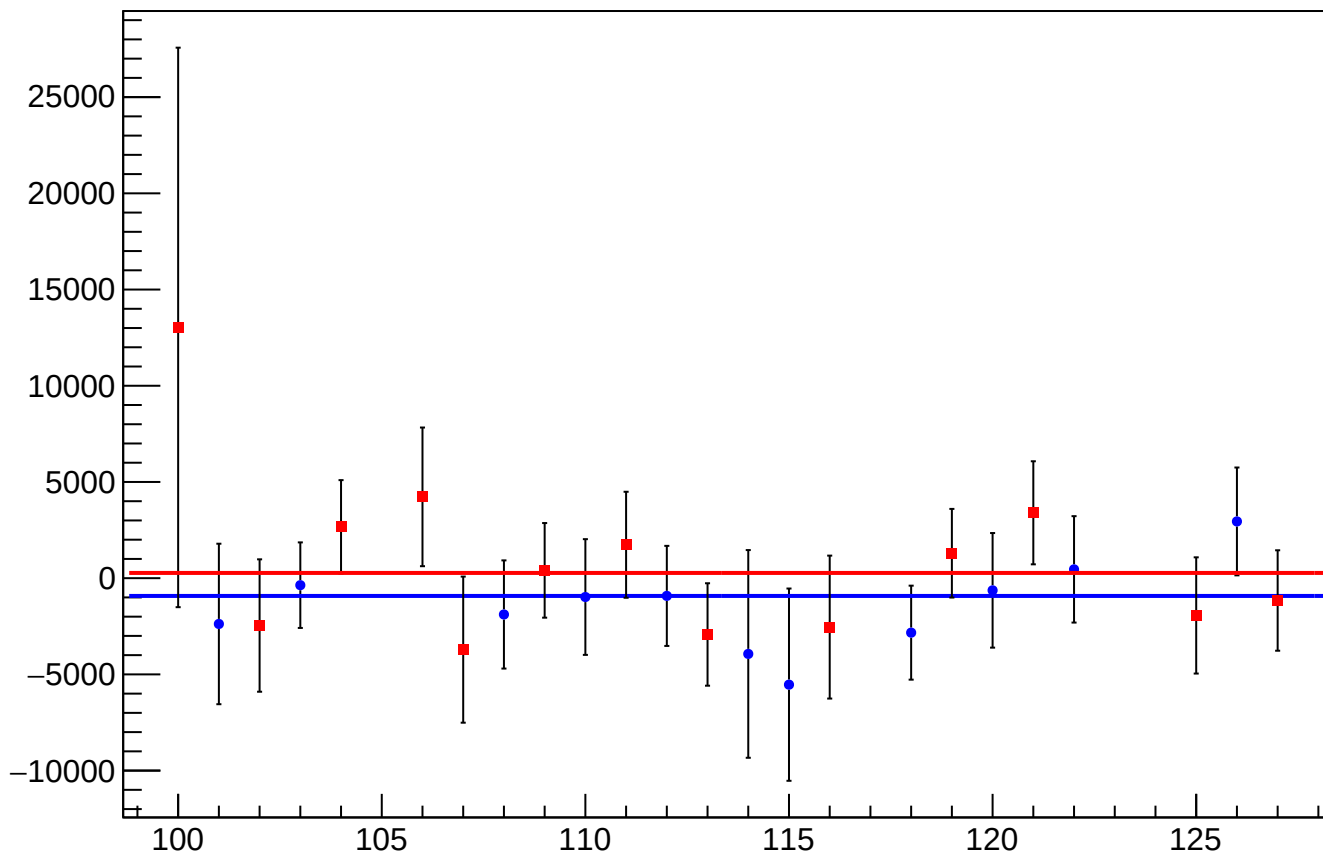
Right Out: 933.737+/-0.325 χ^2/NDF : 2237534.3/12

All: 1029.351+/-0.256 χ^2/NDF : 3345043.3/23

- 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: -923.056+/-891.652 χ^2/NDF : 4.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 272.160+/-816.378 χ^2/NDF : 9.4/12

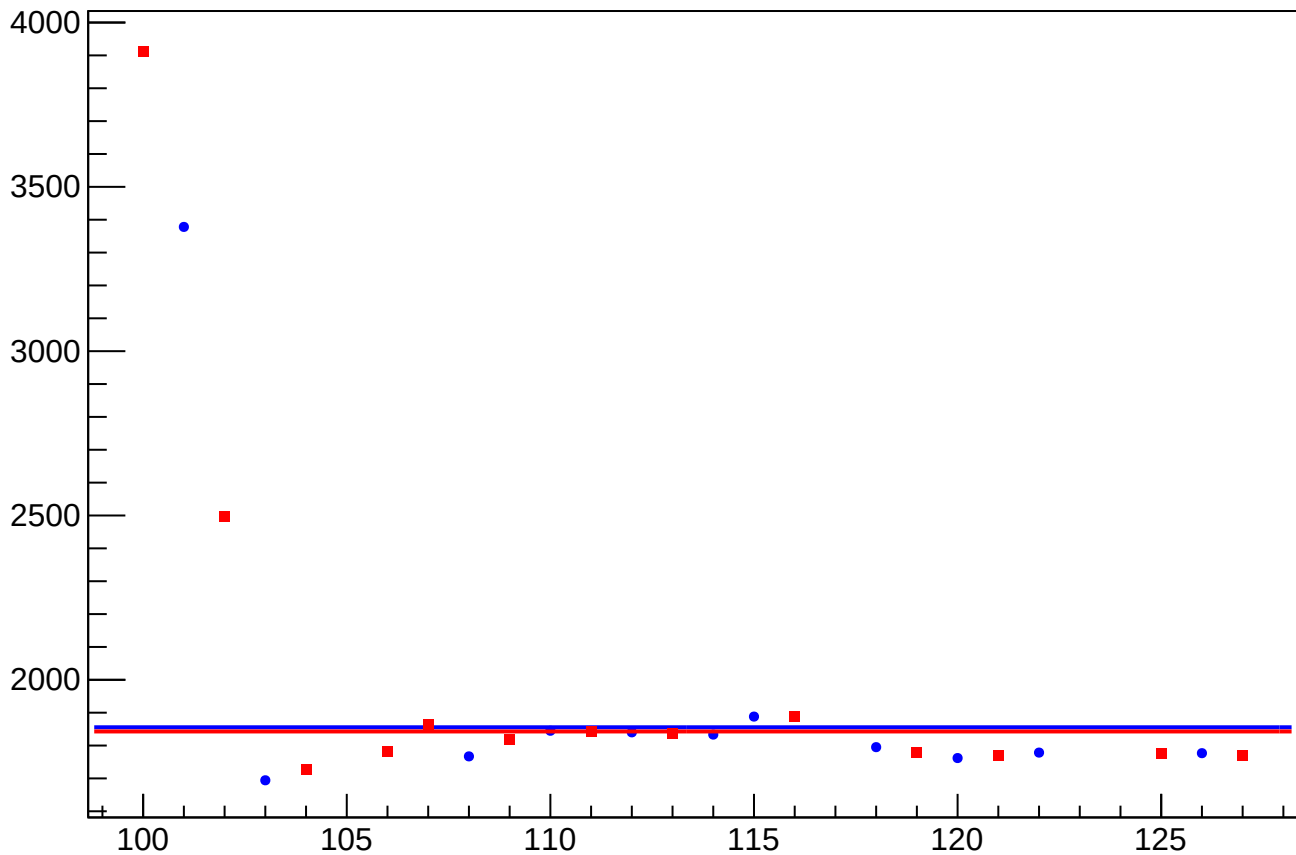
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -272.876+/-602.123 χ^2/NDF : 14.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1855.575+/-0.630 χ^2/NDF : 285614.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

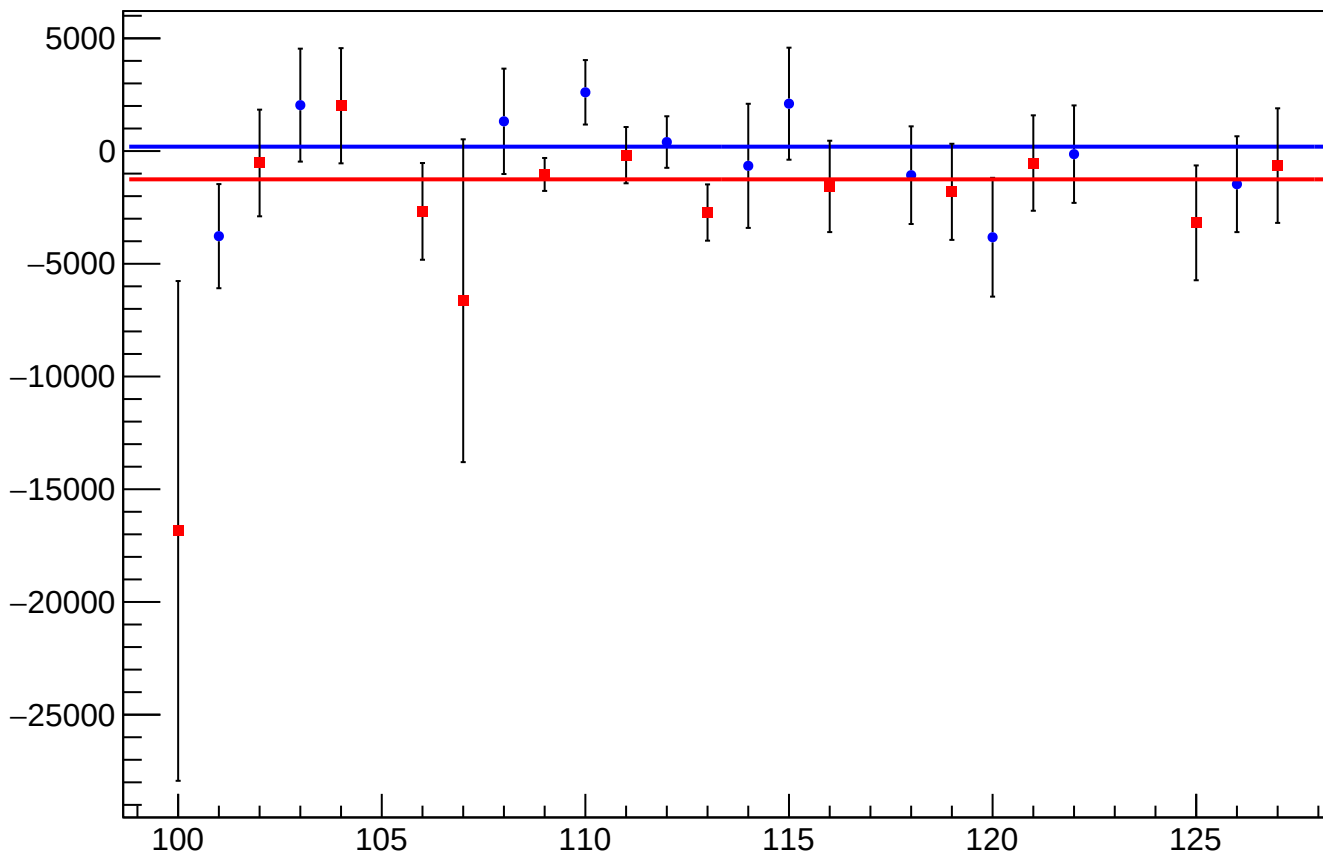
Right Out: 1842.878+/-0.577 χ^2/NDF : 124270.2/12

All: 1848.668+/-0.426 χ^2/NDF : 410105.5/23

- 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_atlr_dd_avg_eigen_dit_correction_mean vs Slug



Right In: 194.904 $\pm$ 590.244 χ^2 /NDF: 10.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1254.598 $\pm$ 459.775 χ^2 /NDF: 7.8/12

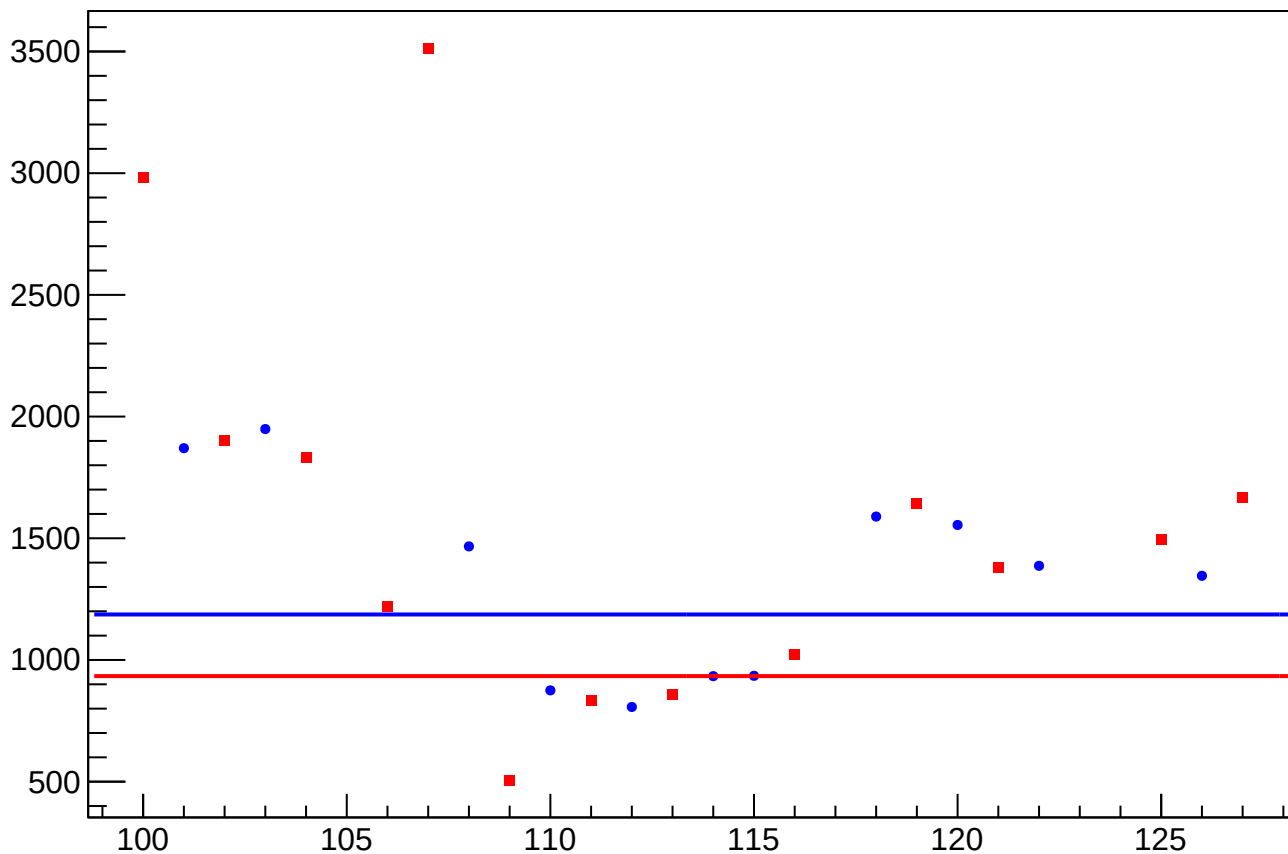
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -707.215 $\pm$ 362.717 χ^2 /NDF: 22.1/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_correction_rms vs Slug



Right In: 1186.922+/-0.417 χ^2/NDF : 878483.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

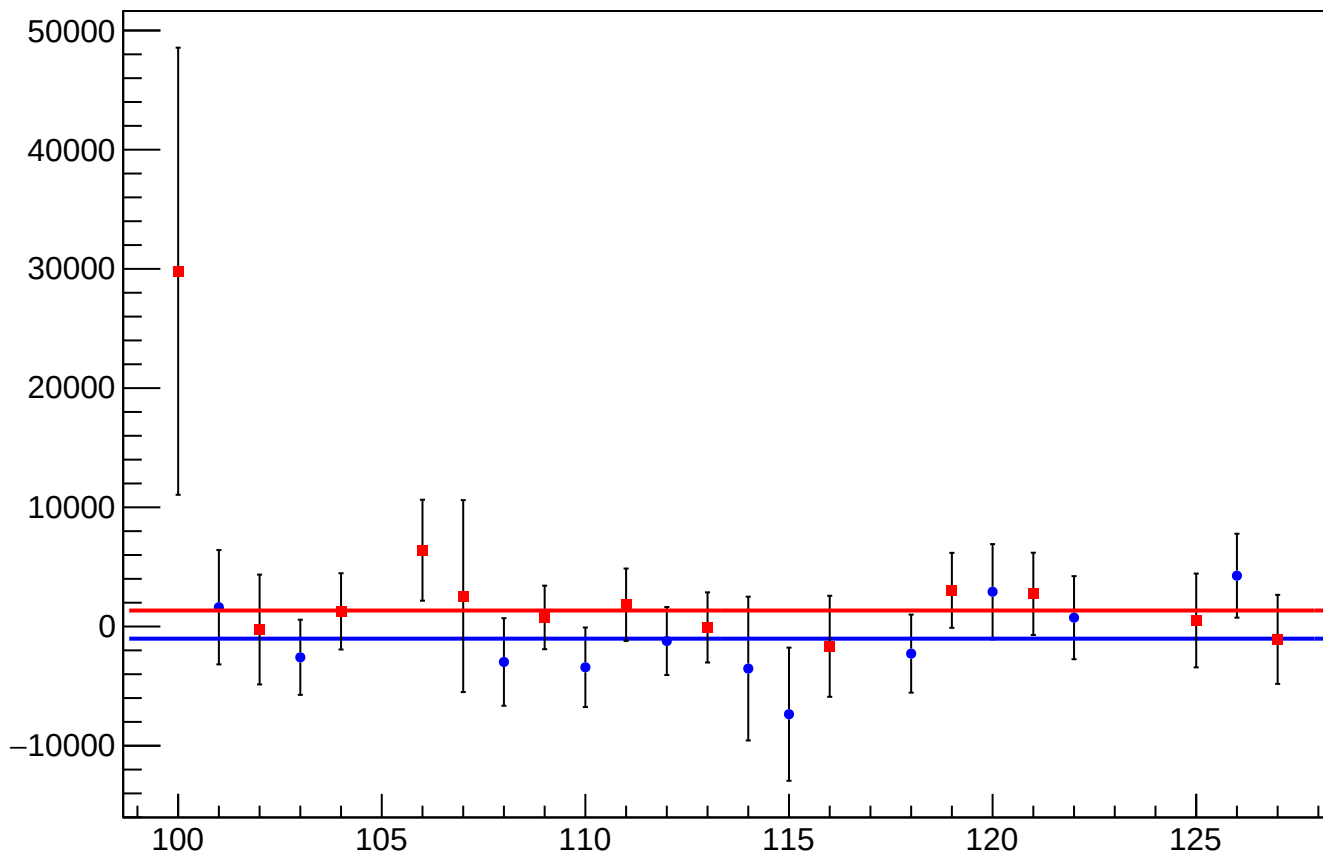
Right Out: 933.736+/-0.325 χ^2/NDF : 2237526.1/12

All: 1029.348+/-0.256 χ^2/NDF : 3345037.9/23

- 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_atlr_dd_avg_mean vs Slug



Right In: -1017.342 $\pm$ 1111.490 χ^2 /NDF: 6.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1343.466 $\pm$ 1020.330 χ^2 /NDF: 5.6/12

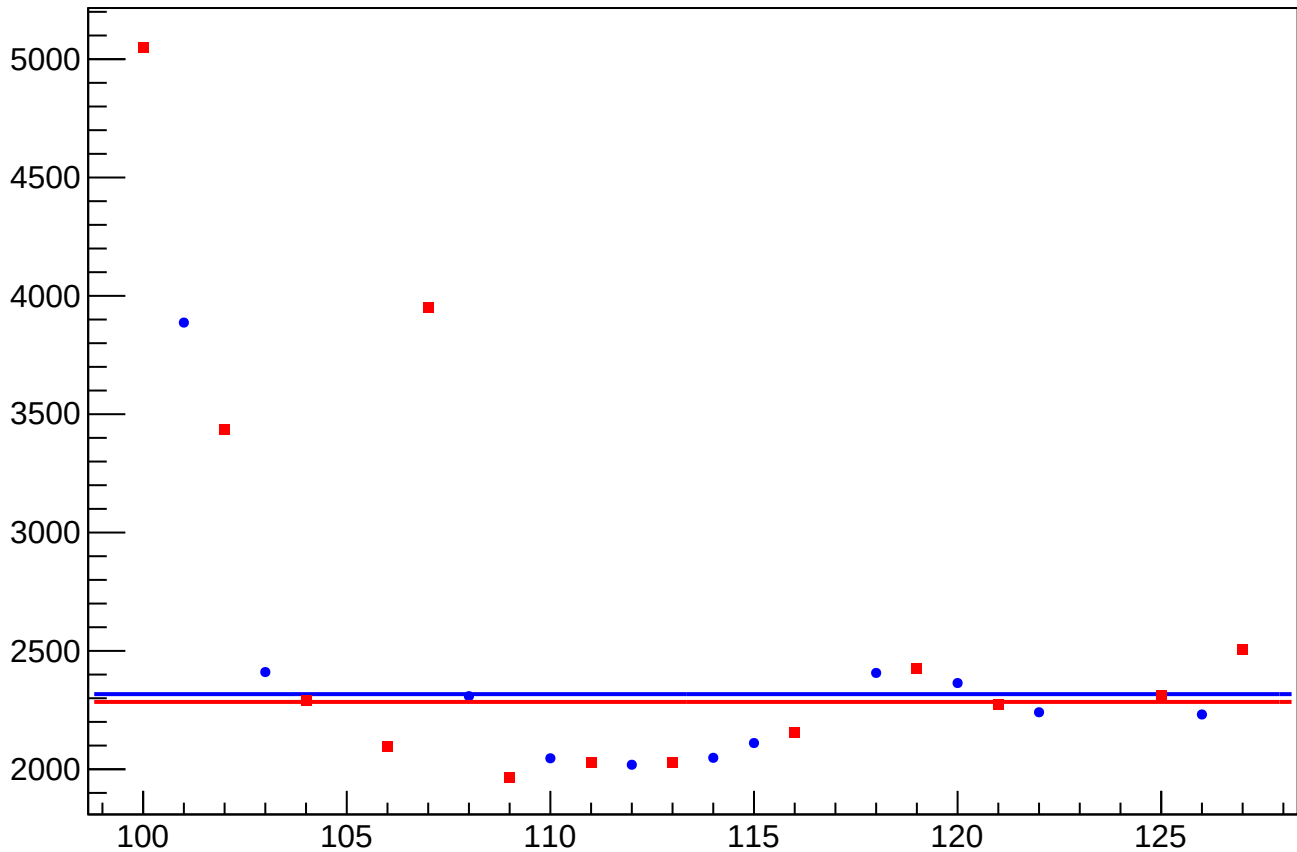
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 263.830 $\pm$ 751.647 χ^2 /NDF: 14.5/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 2317.309+/-0.786 χ^2/NDF : 261679.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

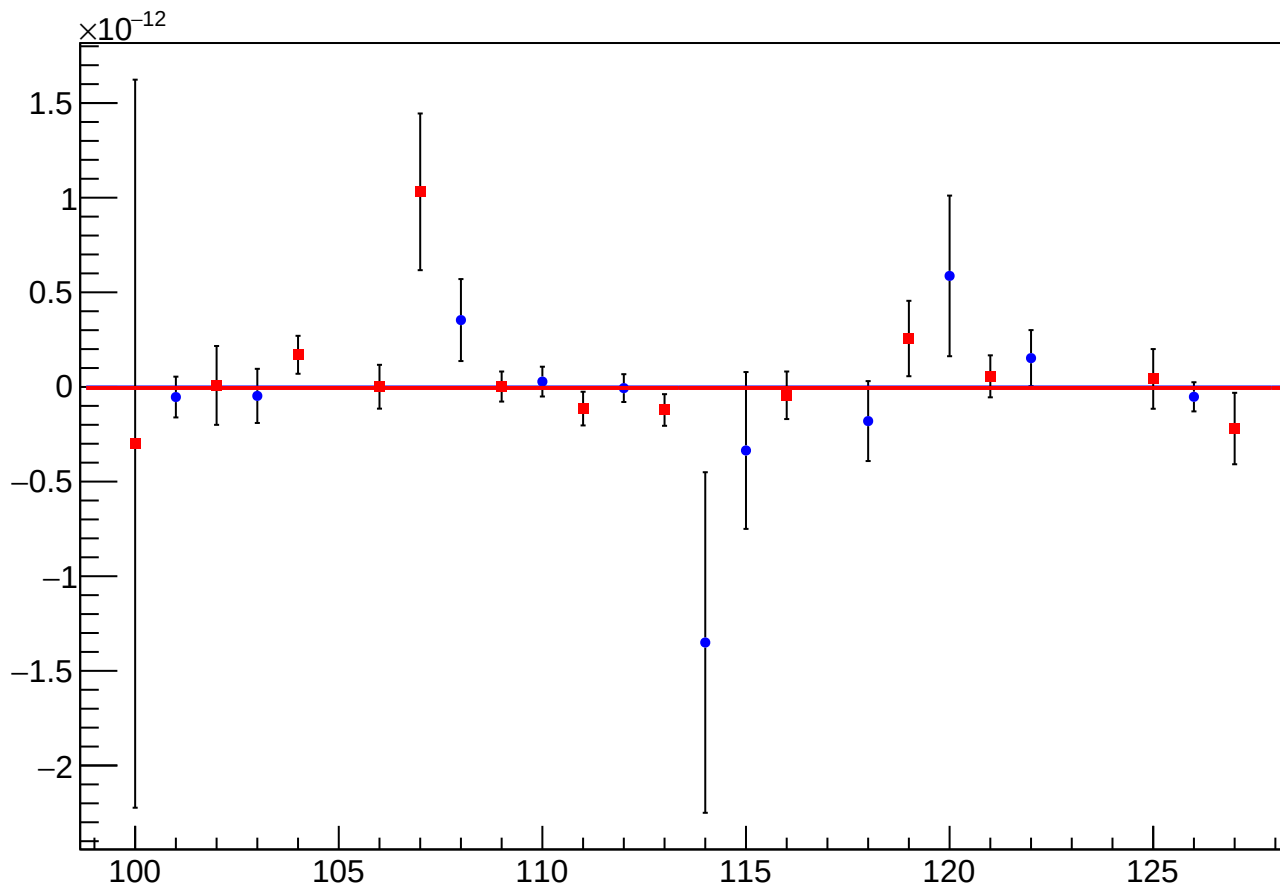
Right Out: 2284.411+/-0.721 χ^2/NDF : 328784.9/12

All: 2299.456+/-0.531 χ^2/NDF : 591414.9/23

- 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_atlr_dd_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 10.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.3/12

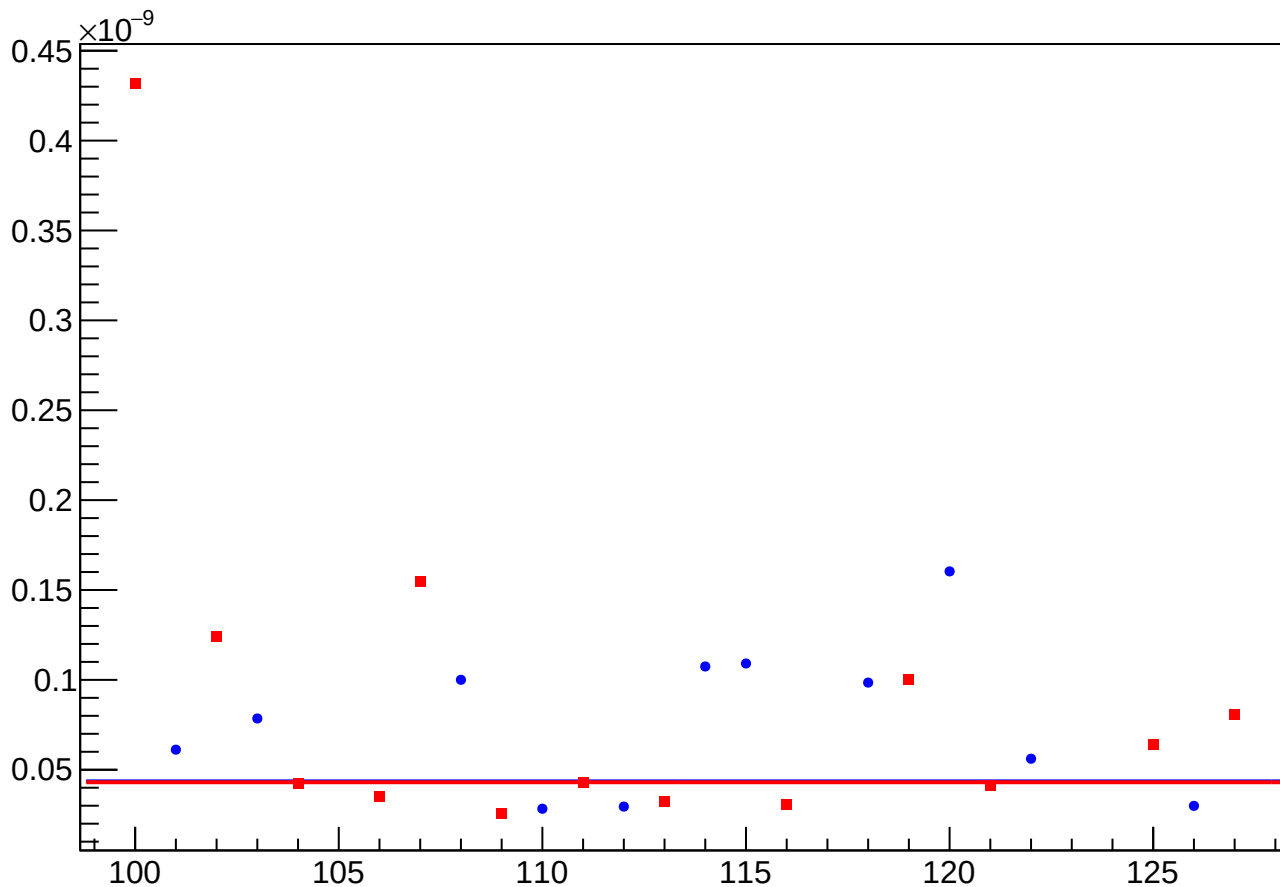
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.5/23

- 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 : 881290.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 968263.9/12

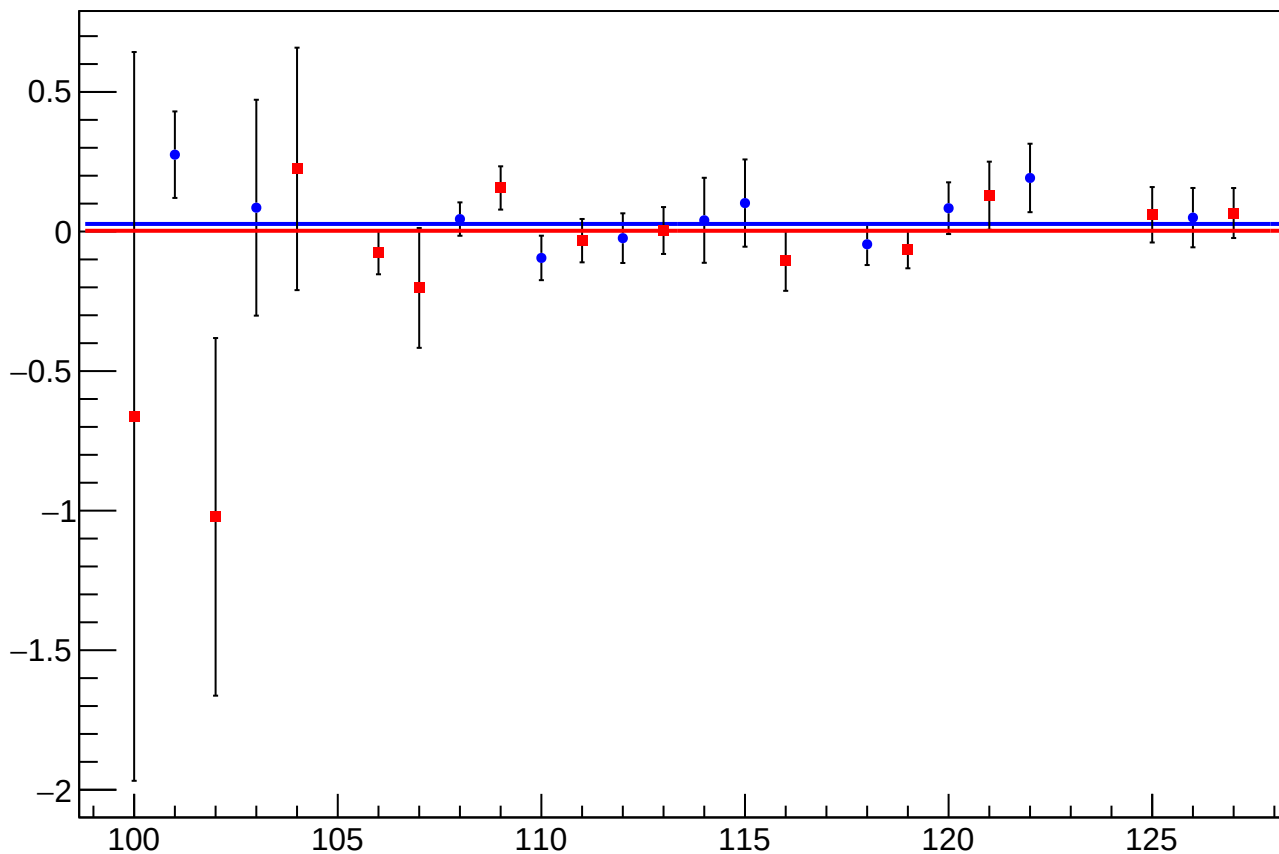
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1849728.4/23

- 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: 0.027 $\pm$ 0.030 χ^2 /NDF: 8.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.028 χ^2 /NDF: 12.9/12

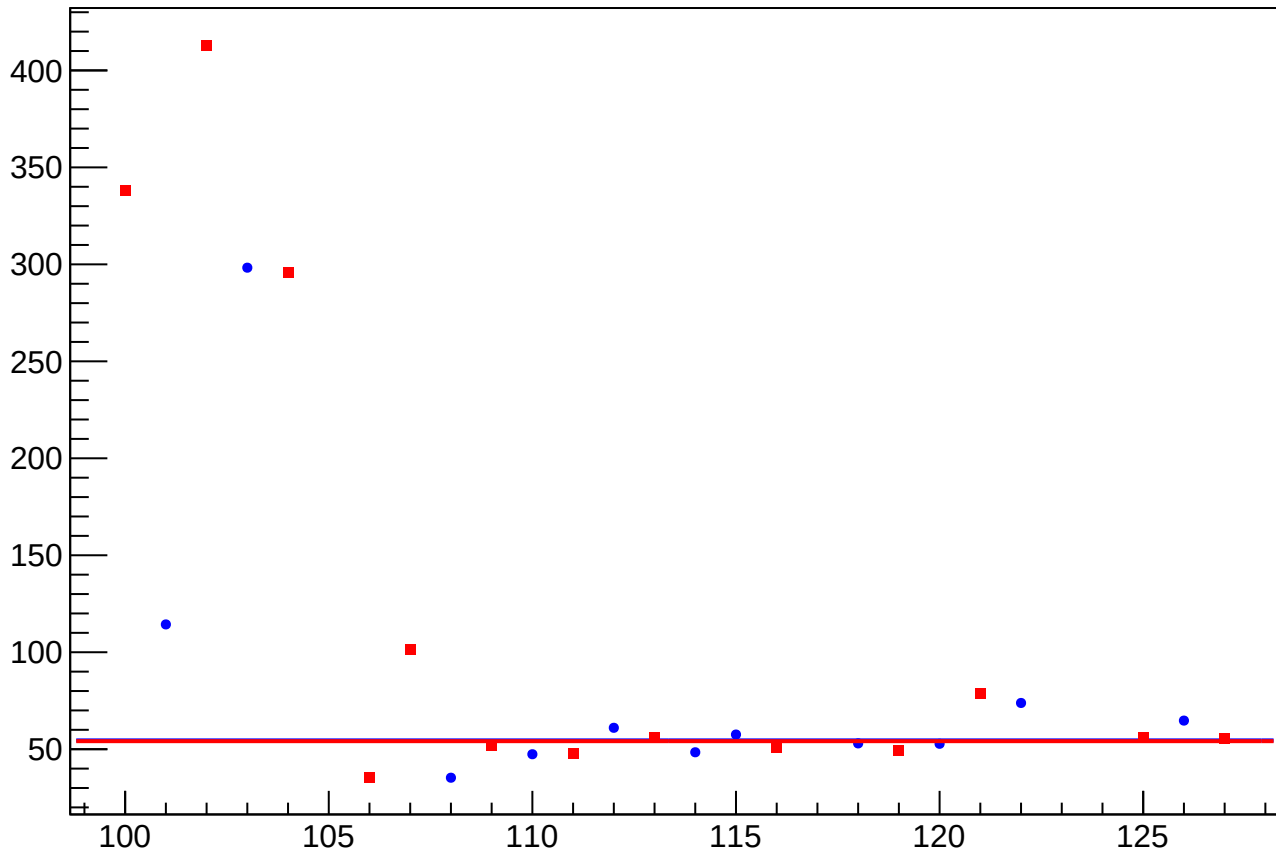
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.020 χ^2 /NDF: 22.0/23

- 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: 54.545+/-0.021 χ^2/NDF : 1399549.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.146+/-0.020 χ^2/NDF : 1661378.9/12

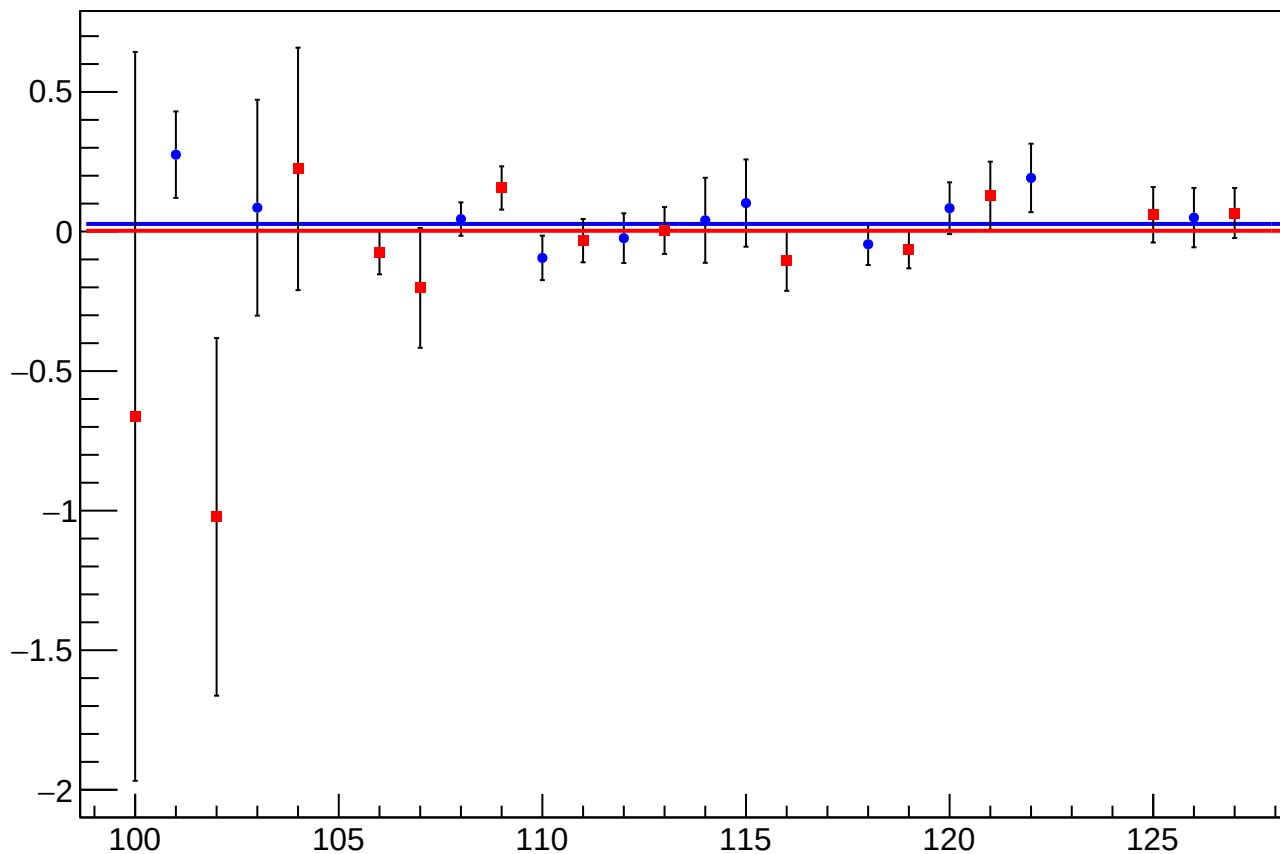
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.337+/-0.014 χ^2/NDF : 3061119.0/23

- 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: 0.027 $\pm$ 0.030 χ^2 /NDF: 8.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.003 $\pm$ 0.028 χ^2 /NDF: 12.9/12

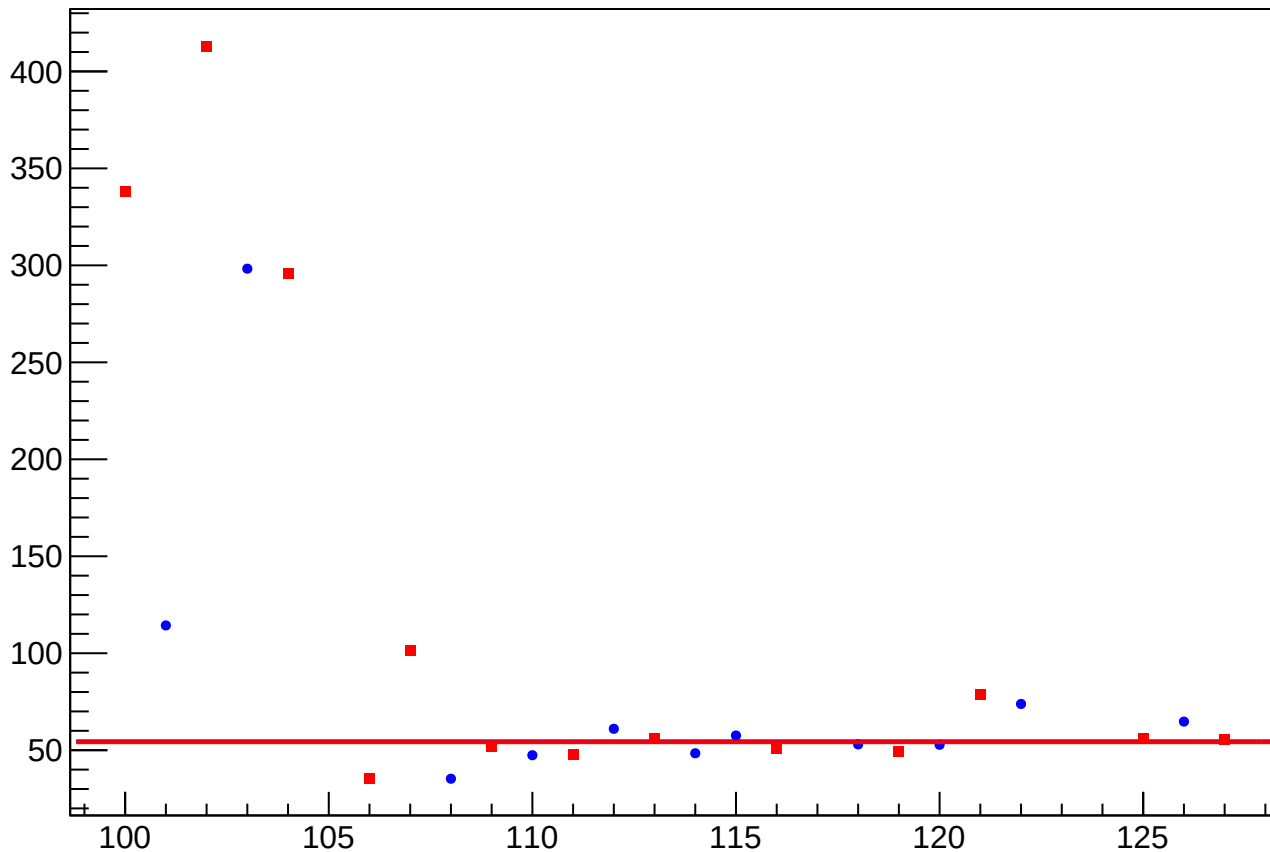
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.020 χ^2 /NDF: 22.0/23

- 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: 54.545+/-0.021 χ^2/NDF : 1399549.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.146+/-0.020 χ^2/NDF : 1661378.9/12

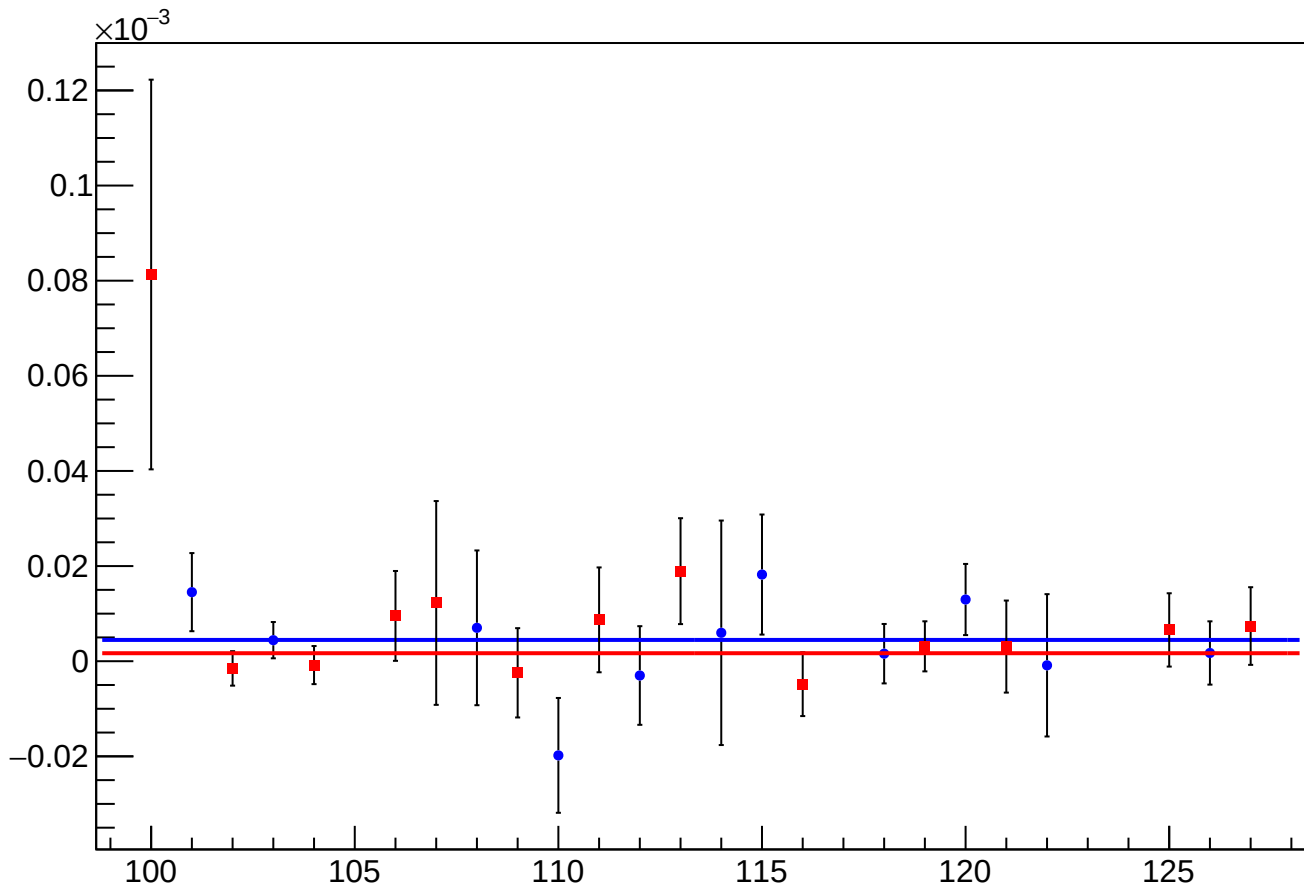
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.337+/-0.014 χ^2/NDF : 3061119.0/23

- 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 $\pm$ 0.000 χ^2/NDF : 9.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 10.8/12

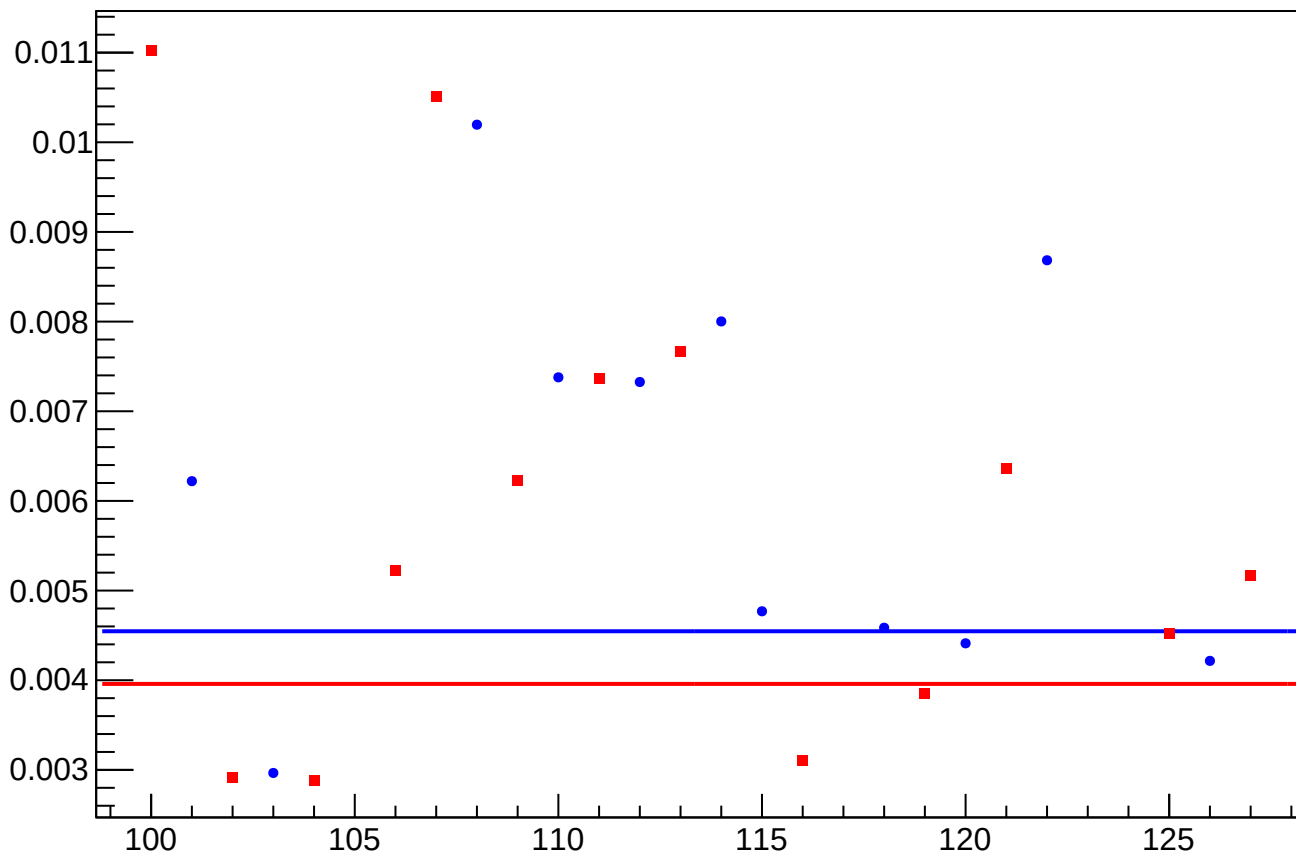
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 20.7/23

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 1123819.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 1332111.7/12

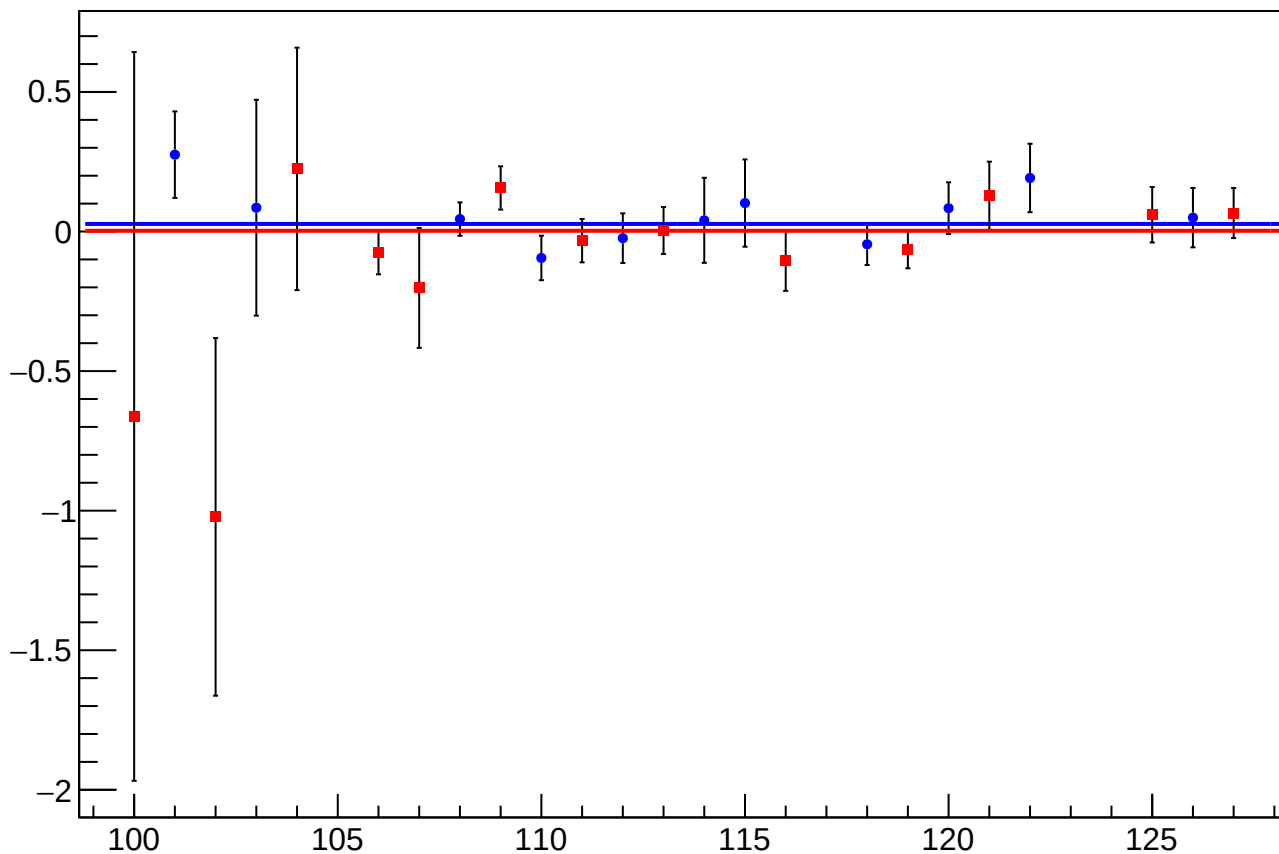
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 2532201.1/23

- 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: 0.027 $\pm$ 0.030 χ^2 /NDF: 8.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.028 χ^2 /NDF: 12.9/12

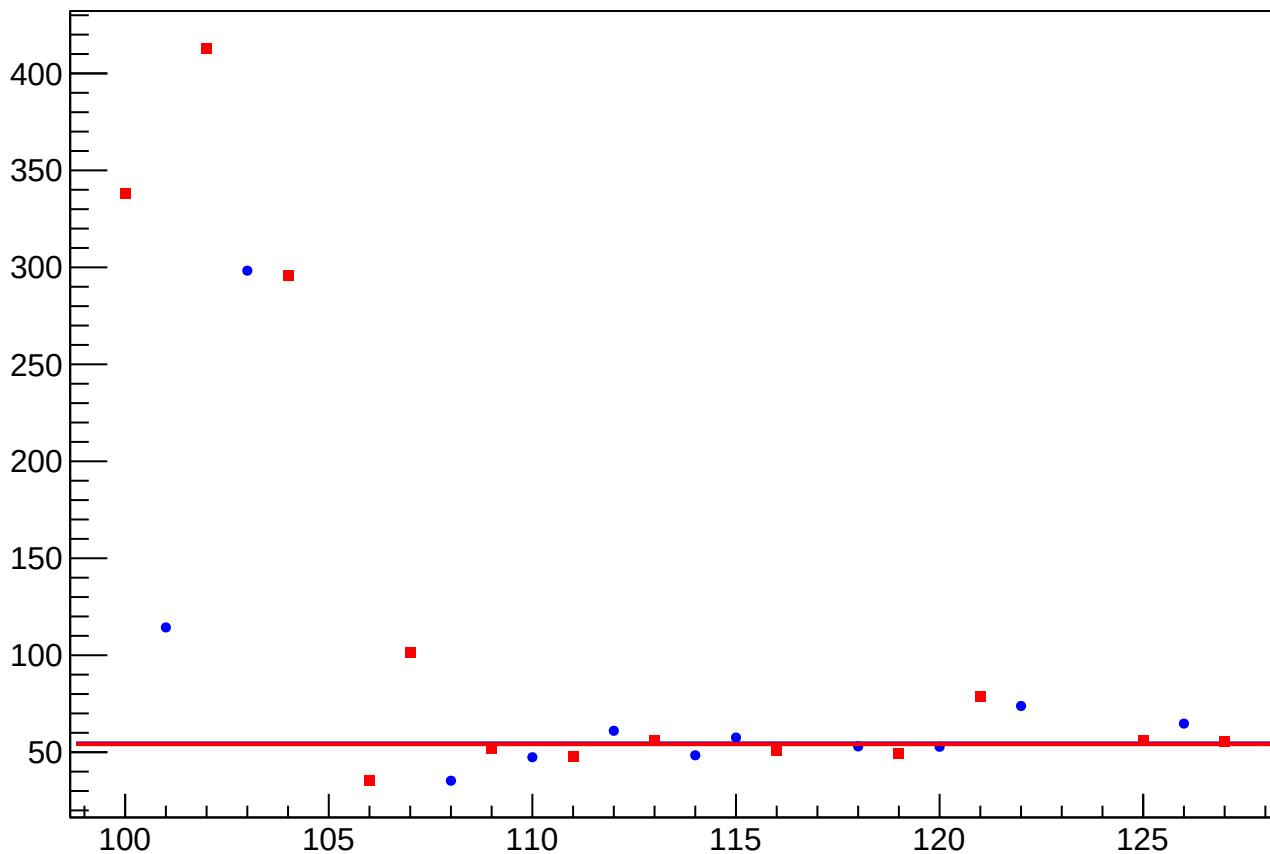
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.020 χ^2 /NDF: 22.0/23

- 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: 54.546 $\pm$ 0.021 χ^2 /NDF: 1399453.5/10

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

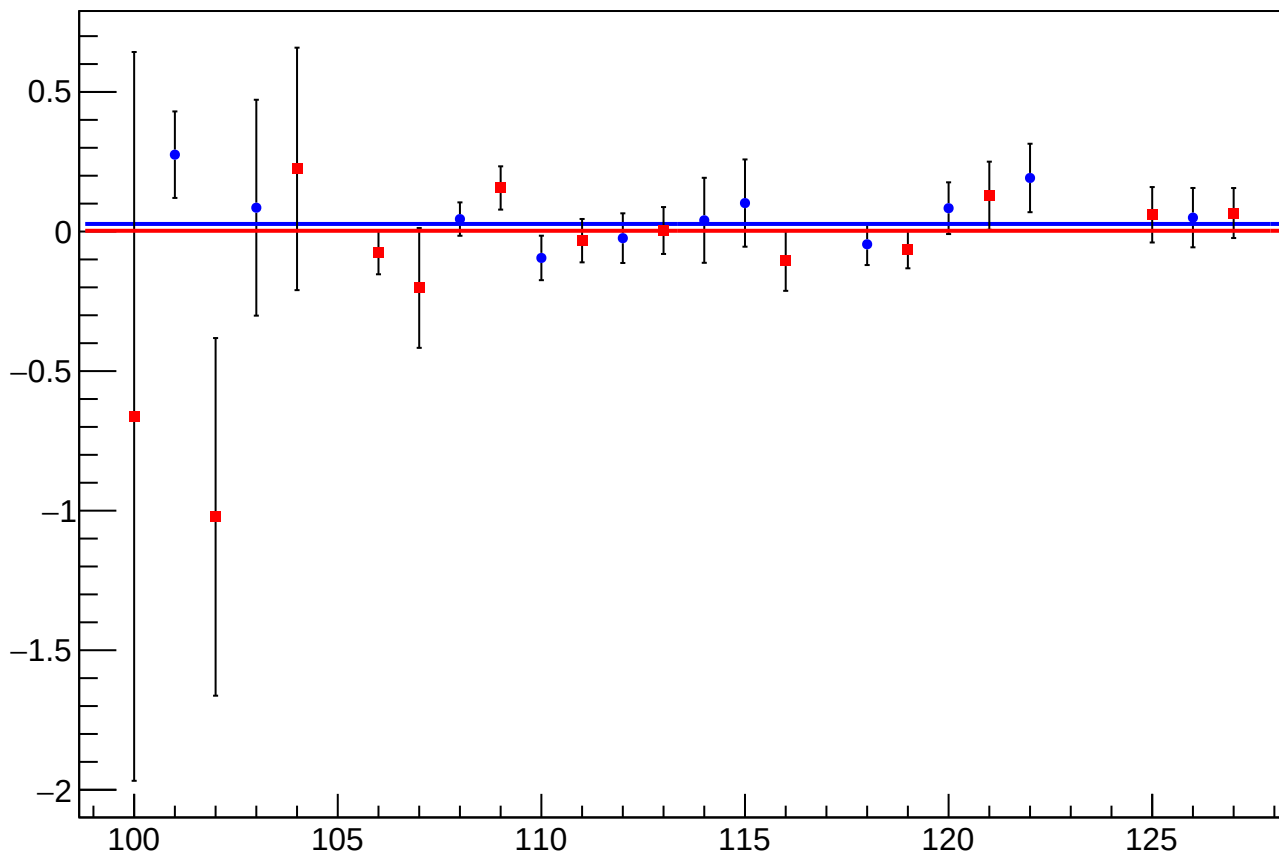
Right Out: 54.146 $\pm$ 0.020 χ^2 /NDF: 1661354.0/12

All: 54.337 $\pm$ 0.014 χ^2 /NDF: 3060999.4/23

- 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_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.027 $\pm$ 0.030 χ^2 /NDF: 8.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.003 $\pm$ 0.028 χ^2 /NDF: 12.9/12

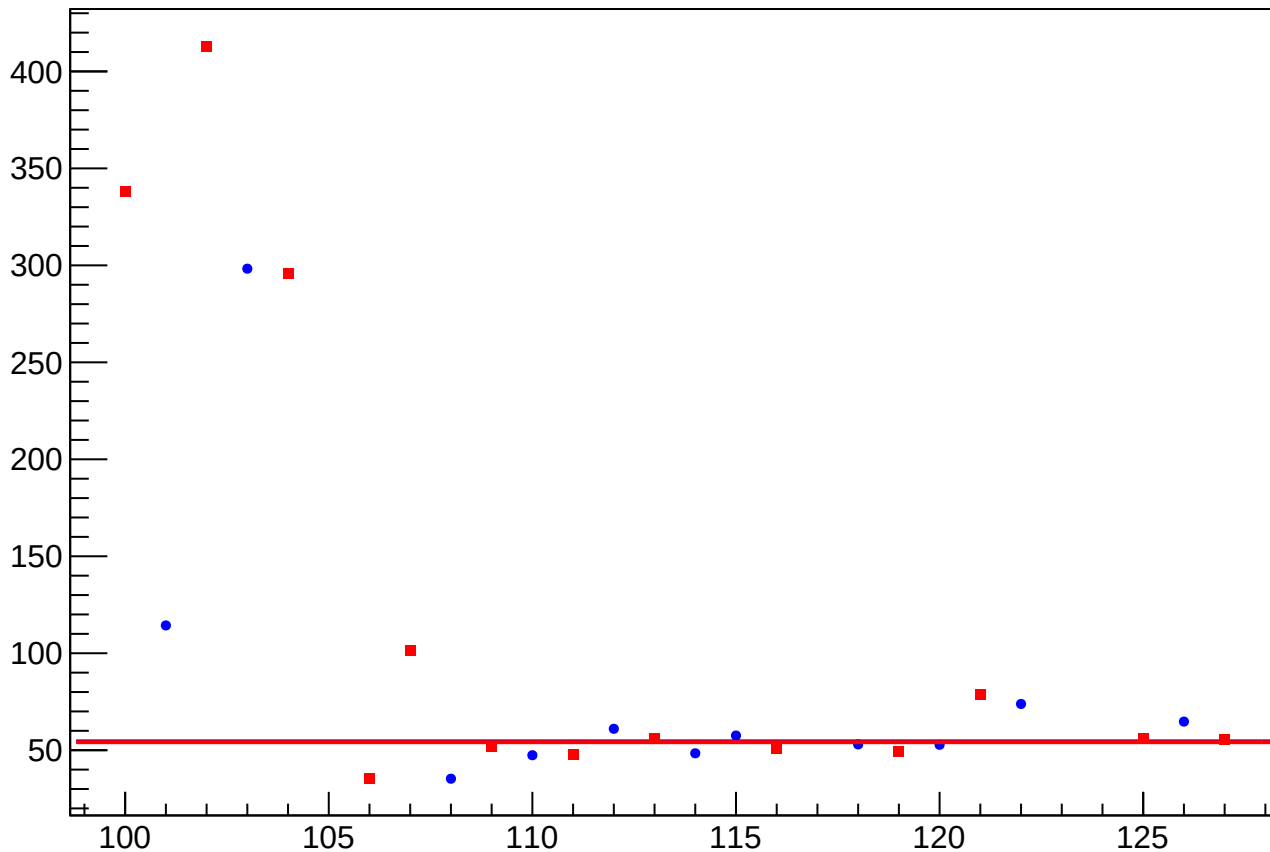
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.020 χ^2 /NDF: 22.0/23

- sign 0.000 $\pm$ 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: 54.546+/-0.021 χ^2/NDF : 1399453.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.146+/-0.020 χ^2/NDF : 1661354.0/12

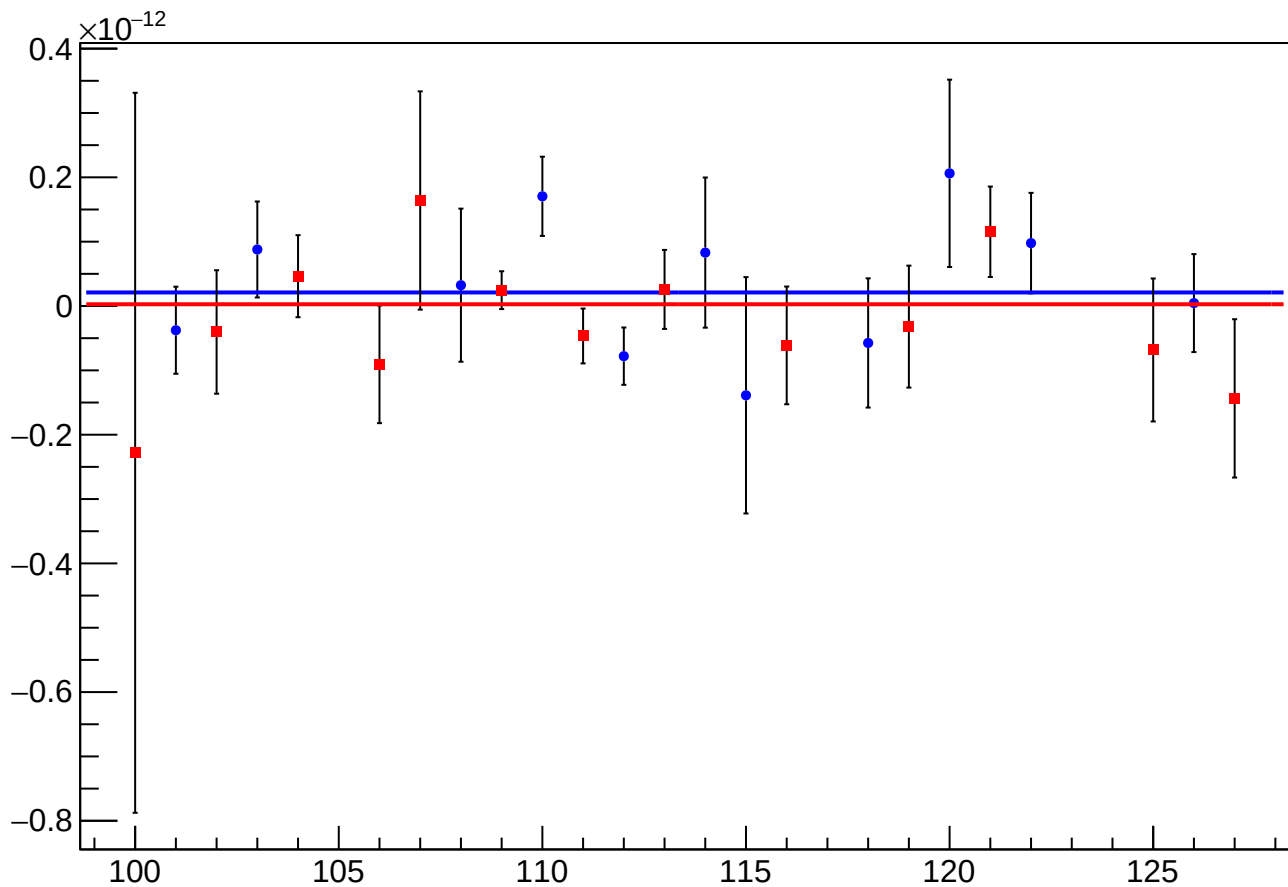
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.337+/-0.014 χ^2/NDF : 3060999.4/23

- 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: 16.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.8/12

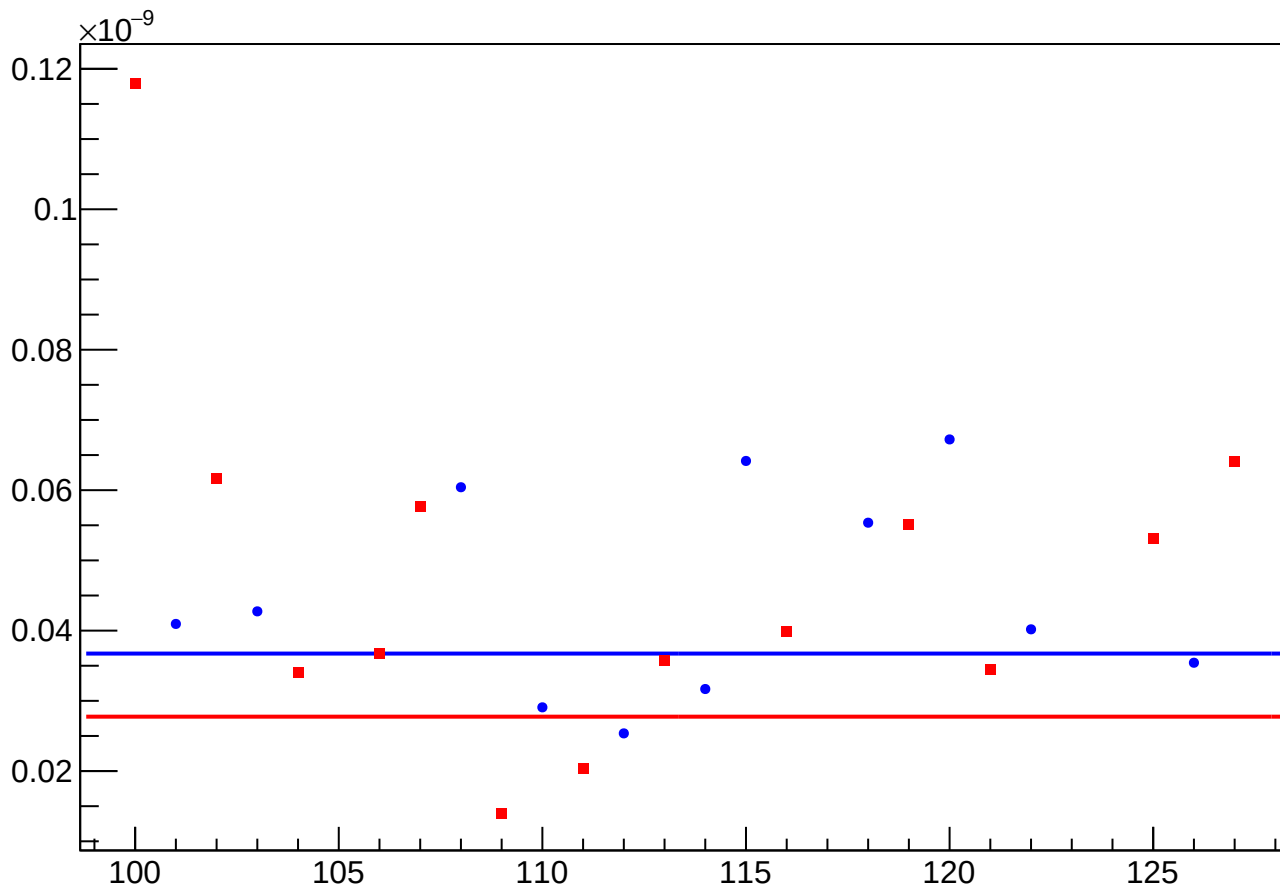
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 26.9/23

- 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 : 470648.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1435724.2/12

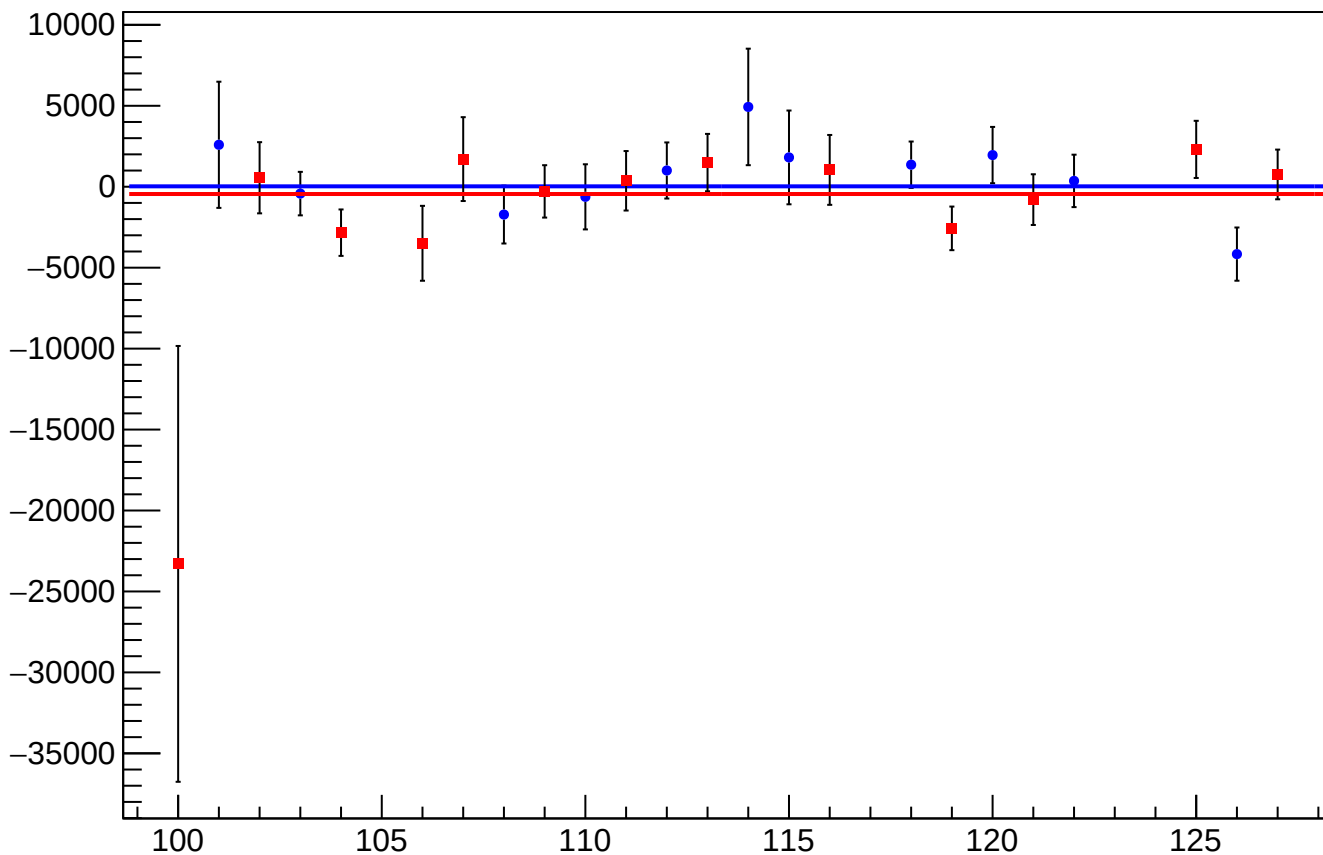
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2090939.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: 24.633+/-552.244 χ^2/NDF : 12.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -449.595+/-503.165 χ^2/NDF : 15.8/12

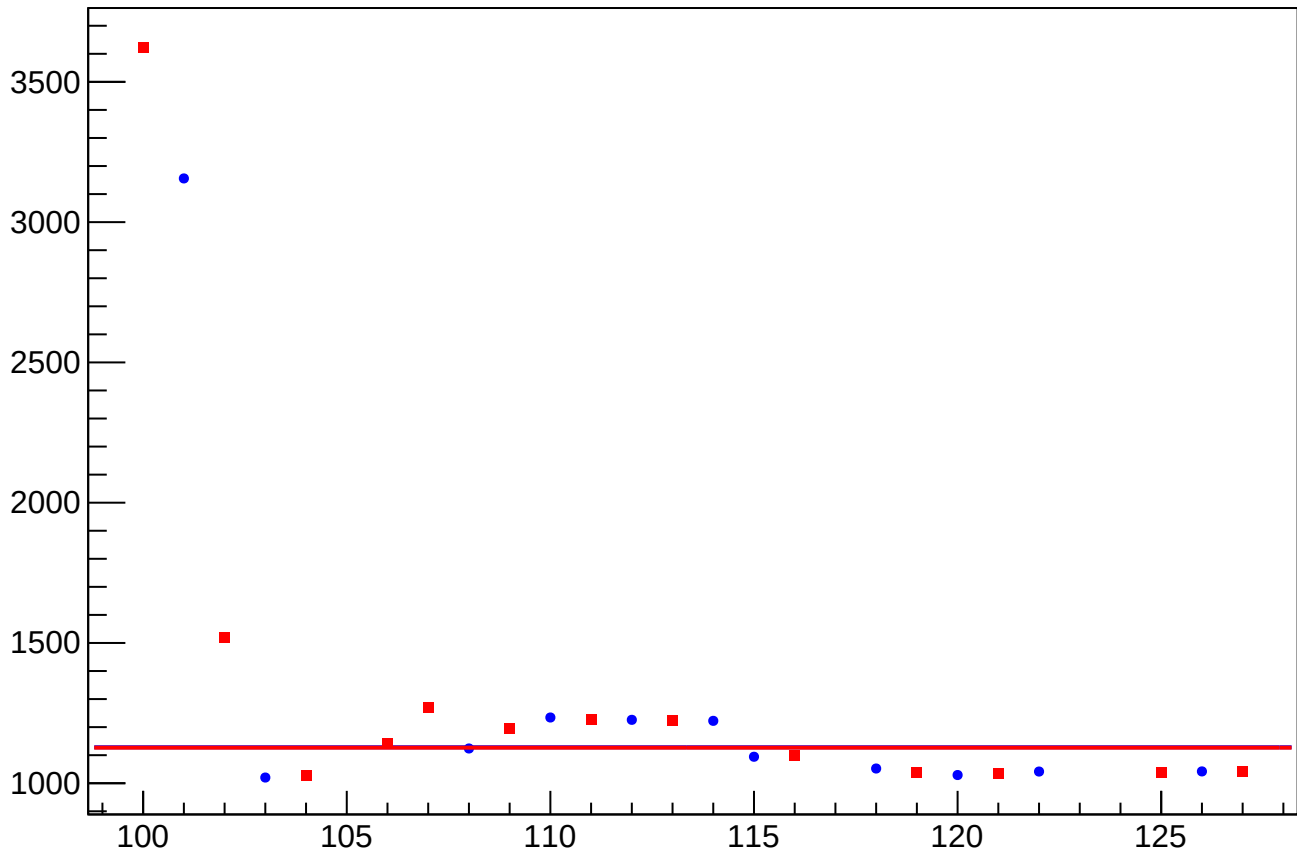
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -234.486+/-371.935 χ^2/NDF : 29.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1128.199+/-0.390 χ^2/NDF : 591152.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1126.844+/-0.356 χ^2/NDF : 191496.8/12

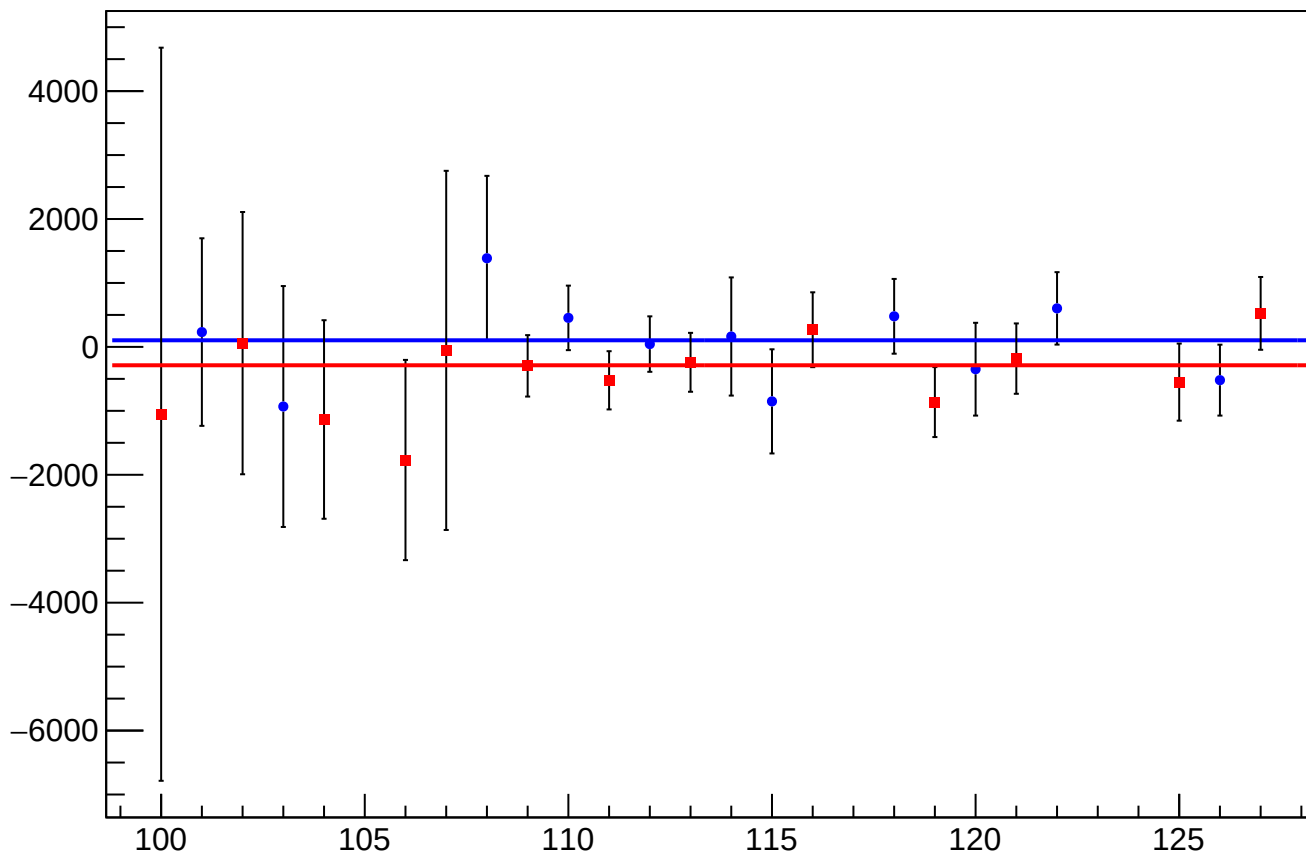
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1127.459+/-0.263 χ^2/NDF : 782656.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_reg_correction_mean vs Slug



Right In: 103.315+/-202.159 χ^2/NDF : 6.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -287.350+/-181.094 χ^2/NDF : 5.8/12

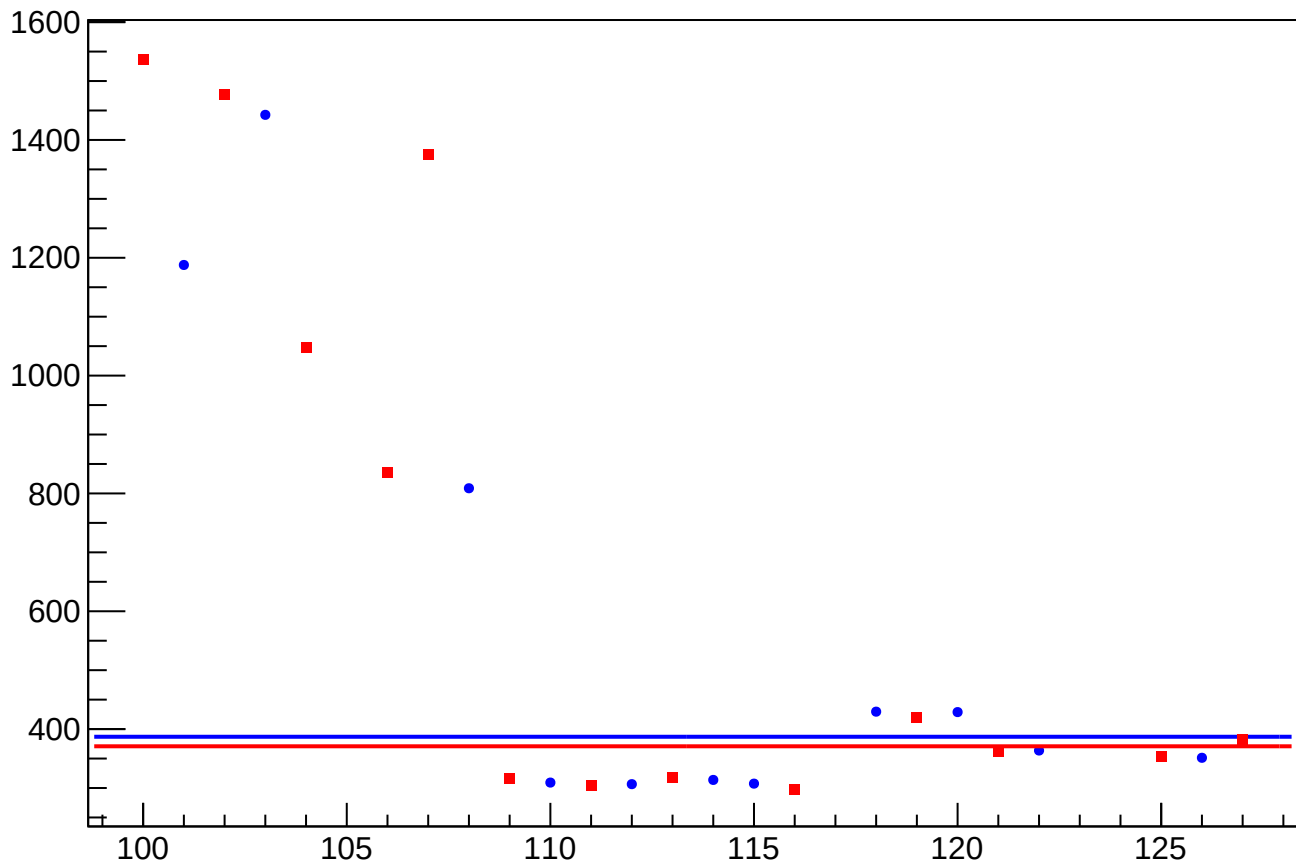
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -113.425+/-134.888 χ^2/NDF : 13.9/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_reg_correction_rms vs Slug



Right In: 386.994 $\pm$ 0.143 χ^2 /NDF: 1615673.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 370.802 $\pm$ 0.128 χ^2 /NDF: 1625023.7/12

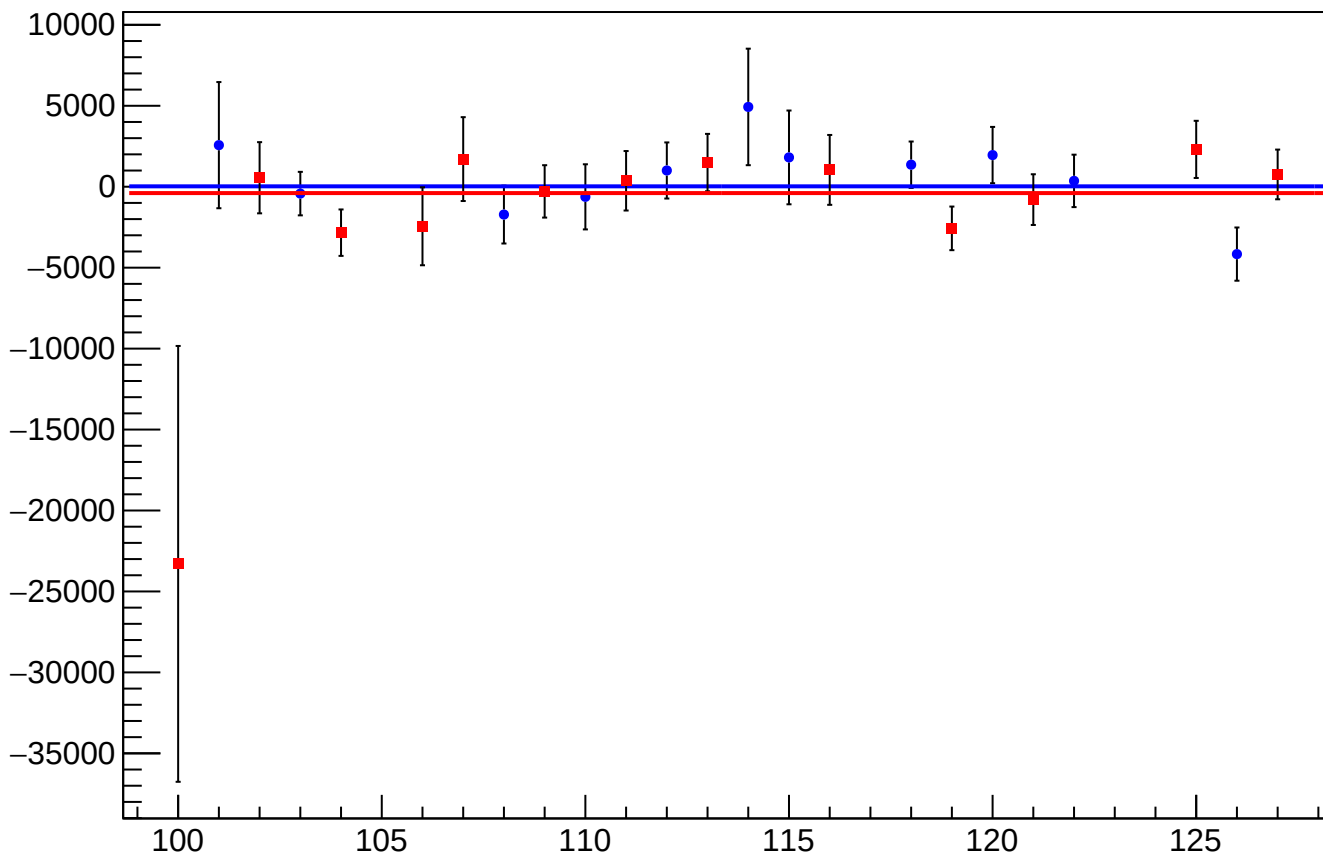
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 378.011 $\pm$ 0.095 χ^2 /NDF: 3247815.1/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: 24.071+/-552.244 χ^2/NDF : 12.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -392.429+/-504.086 χ^2/NDF : 14.7/12

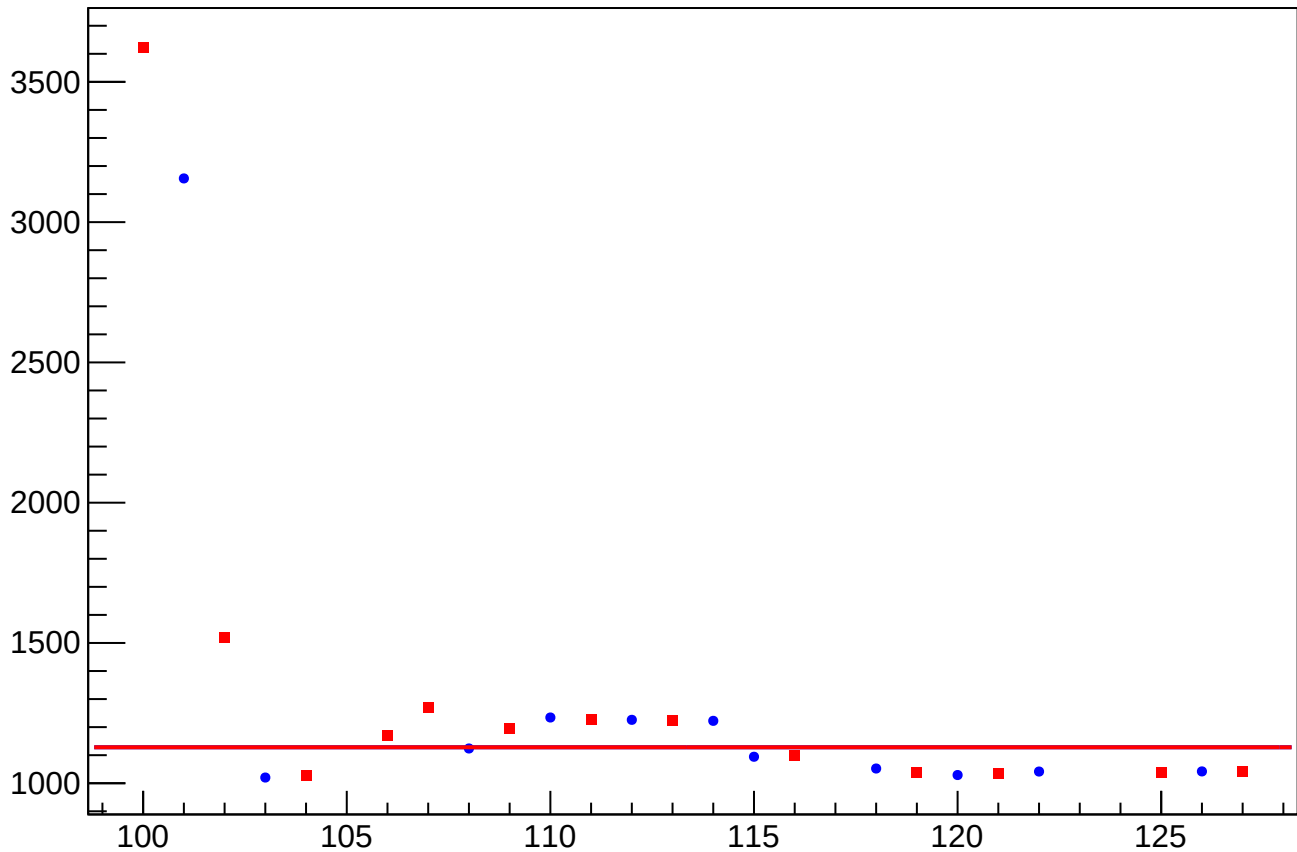
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -203.128+/-372.306 χ^2/NDF : 27.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1128.198 $\pm$ 0.390 χ^2 /NDF: 591153.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1128.168 $\pm$ 0.356 χ^2 /NDF: 192109.8/12

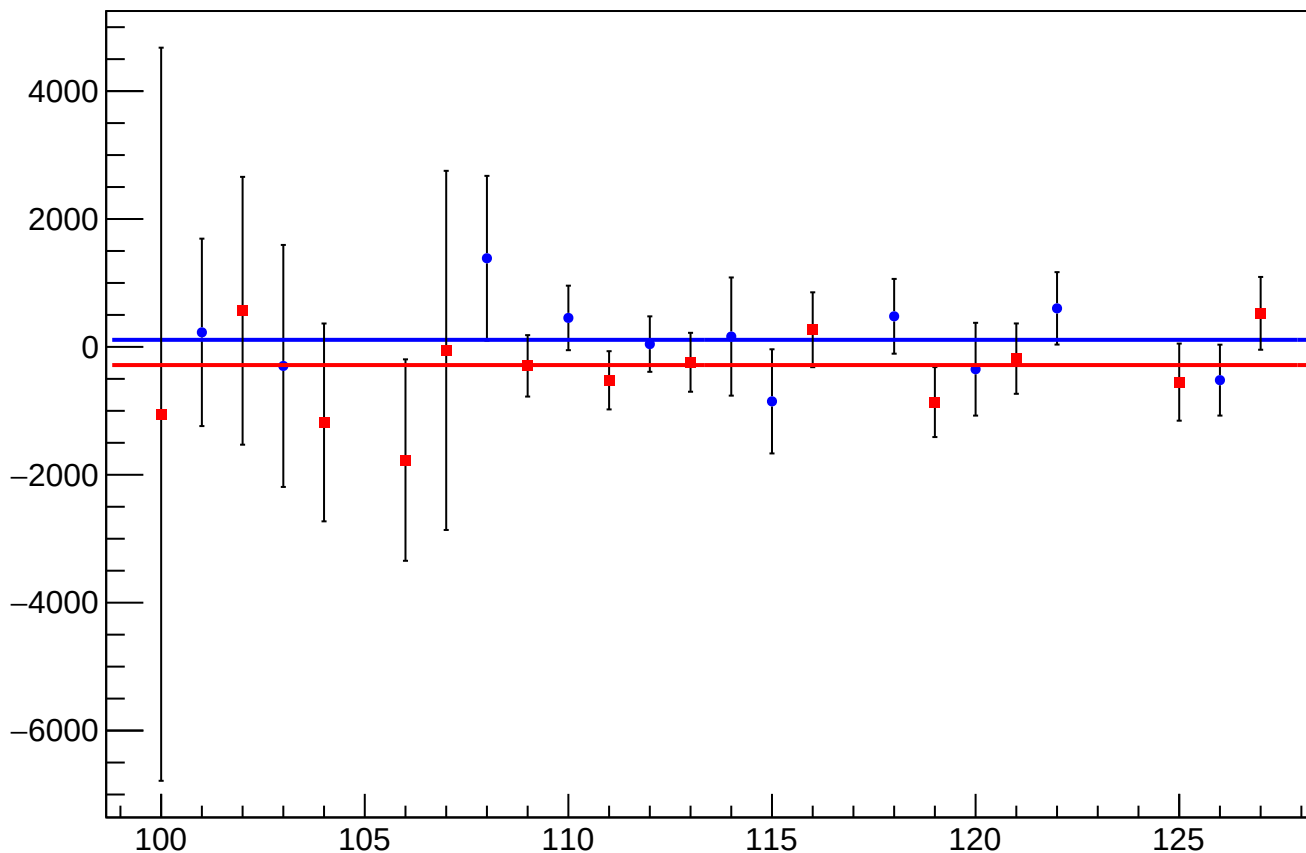
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1128.182 $\pm$ 0.263 χ^2 /NDF: 783263.6/23

- 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: 110.406 $\pm$ 202.165 χ^2 /NDF: 5.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -284.164 $\pm$ 181.132 χ^2 /NDF: 6.0/12

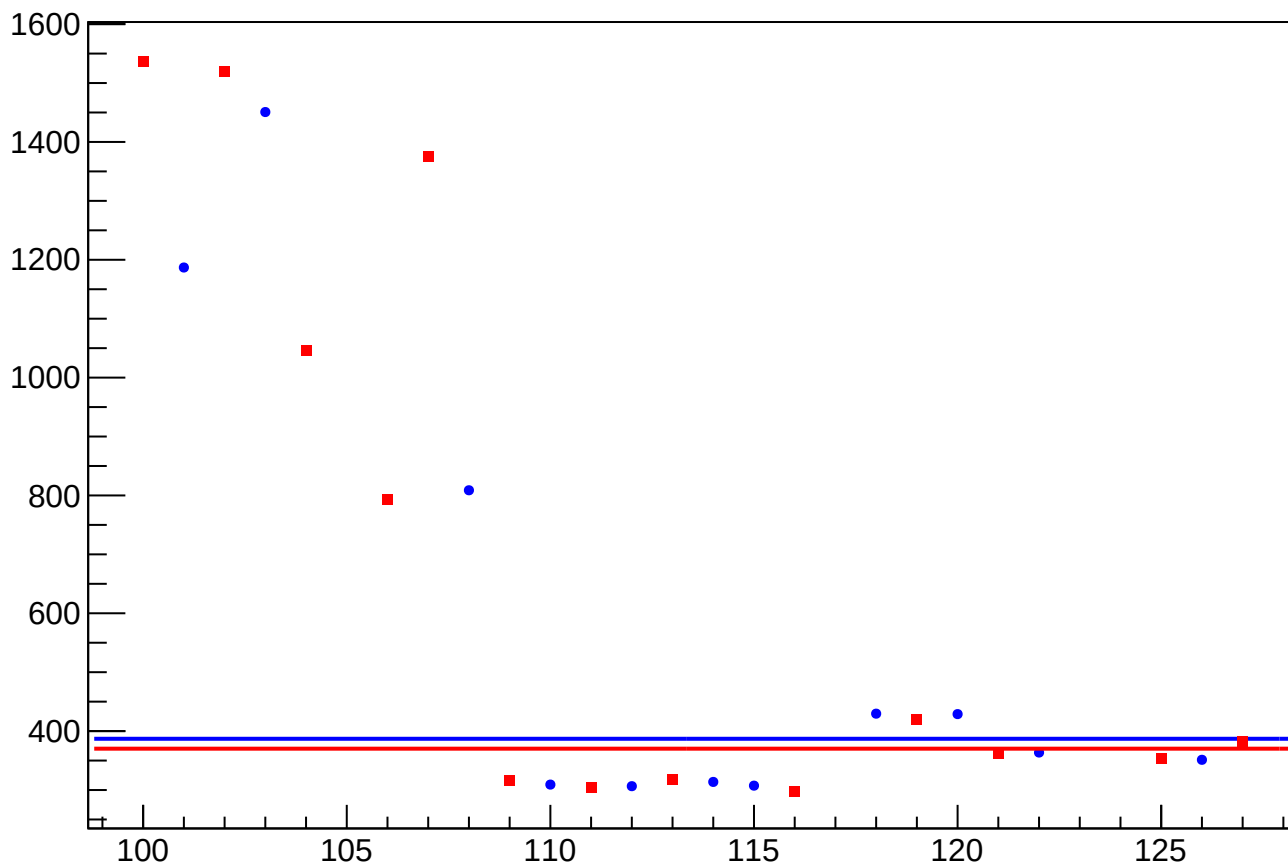
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -108.466 $\pm$ 134.905 χ^2 /NDF: 13.8/23

- 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: 386.983+/-0.143 χ^2/NDF : 1619337.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 370.174+/-0.128 χ^2/NDF : 1611917.9/12

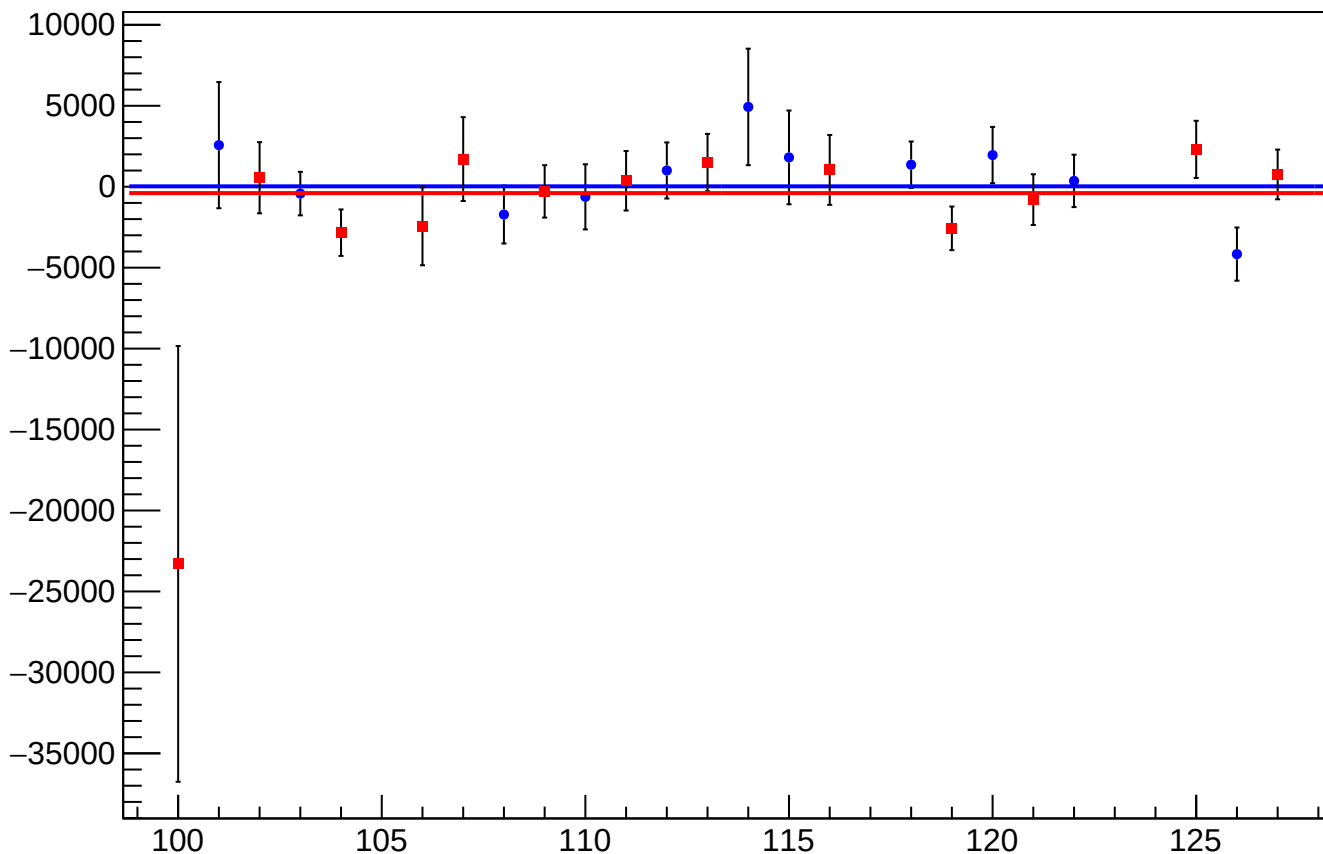
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 377.659+/-0.095 χ^2/NDF : 3238925.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: 24.071+/-552.244 χ^2/NDF : 12.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -392.429+/-504.086 χ^2/NDF : 14.7/12

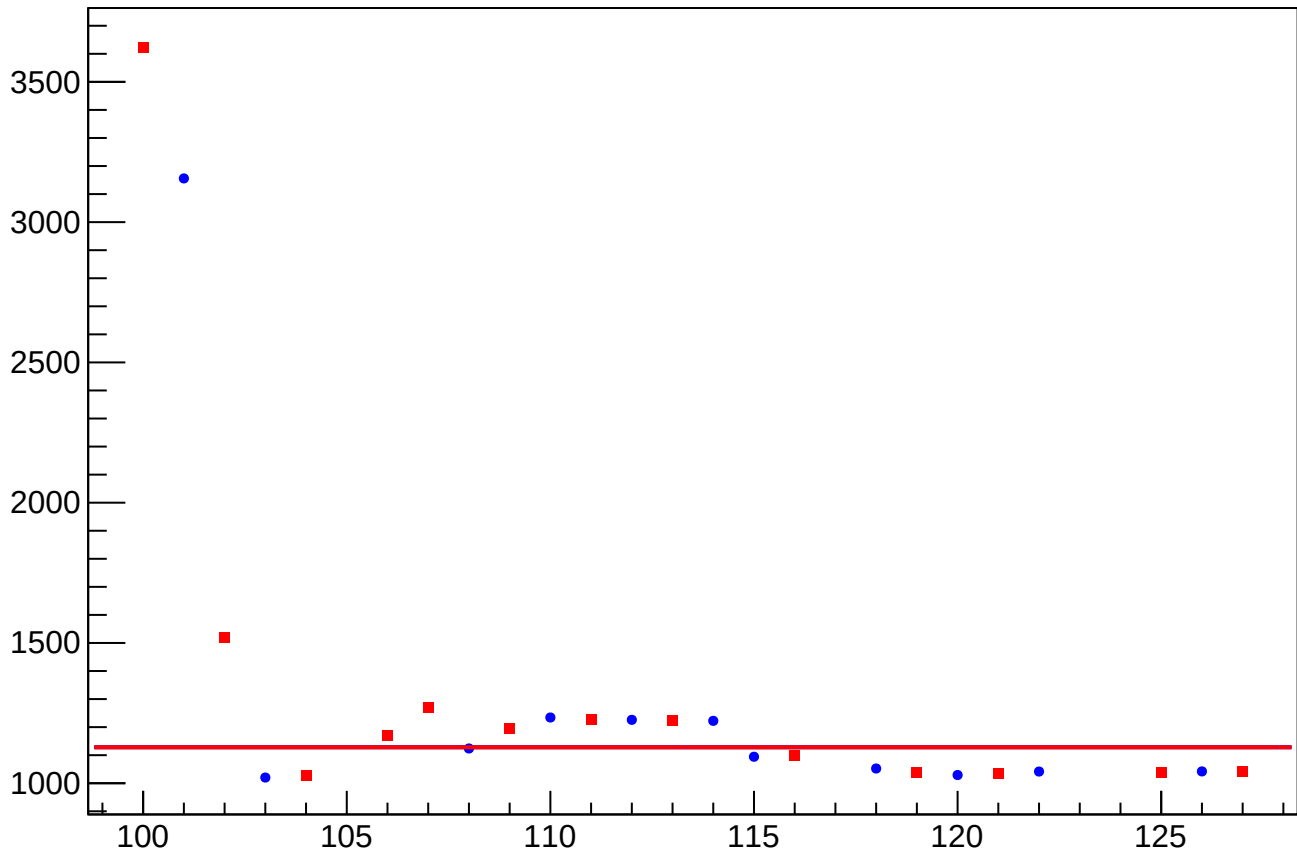
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -203.128+/-372.306 χ^2/NDF : 27.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1128.198 $\pm$ 0.390 χ^2 /NDF: 591153.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1128.168 $\pm$ 0.356 χ^2 /NDF: 192109.8/12

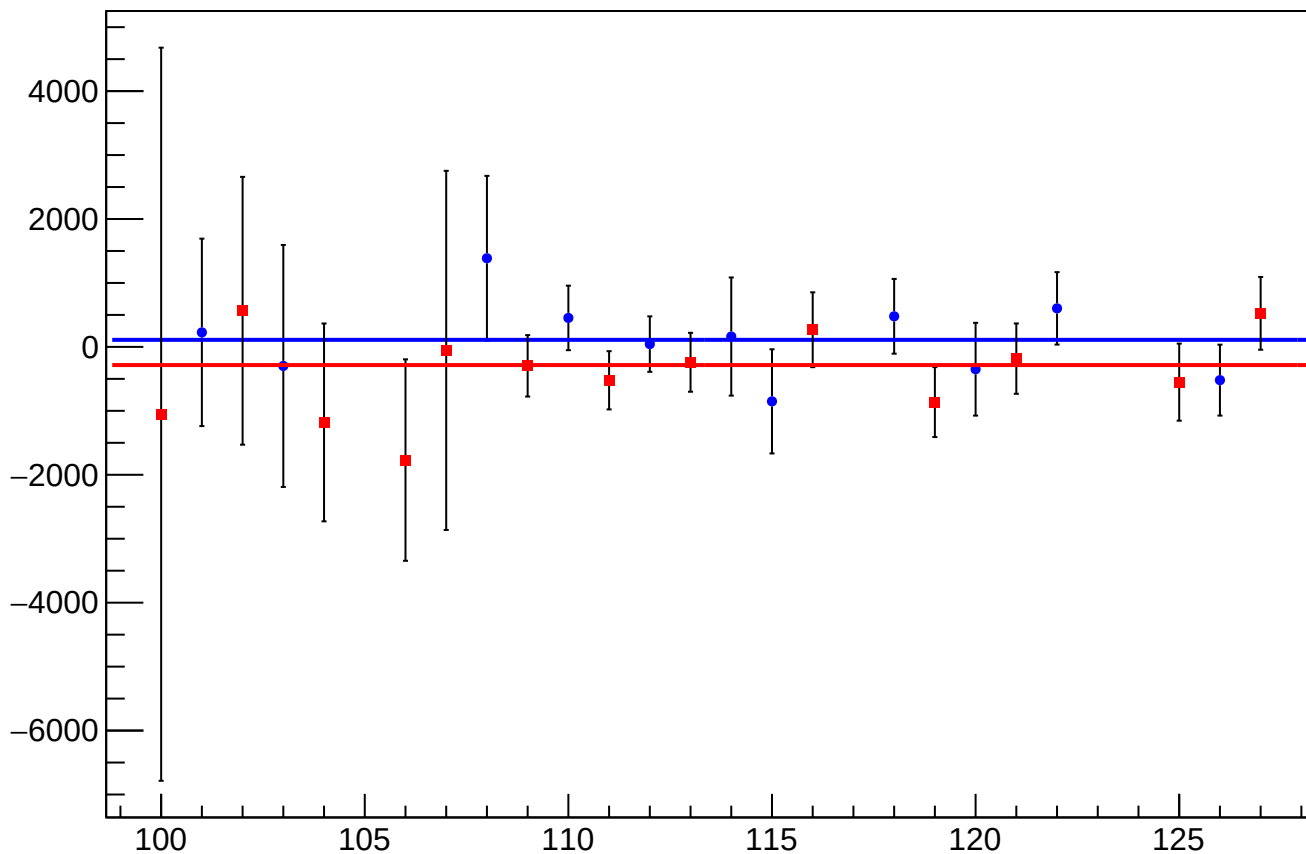
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1128.182 $\pm$ 0.263 χ^2 /NDF: 783263.6/23

- 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: 110.406+/-202.165 χ^2/NDF : 5.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -284.164+/-181.132 χ^2/NDF : 6.0/12

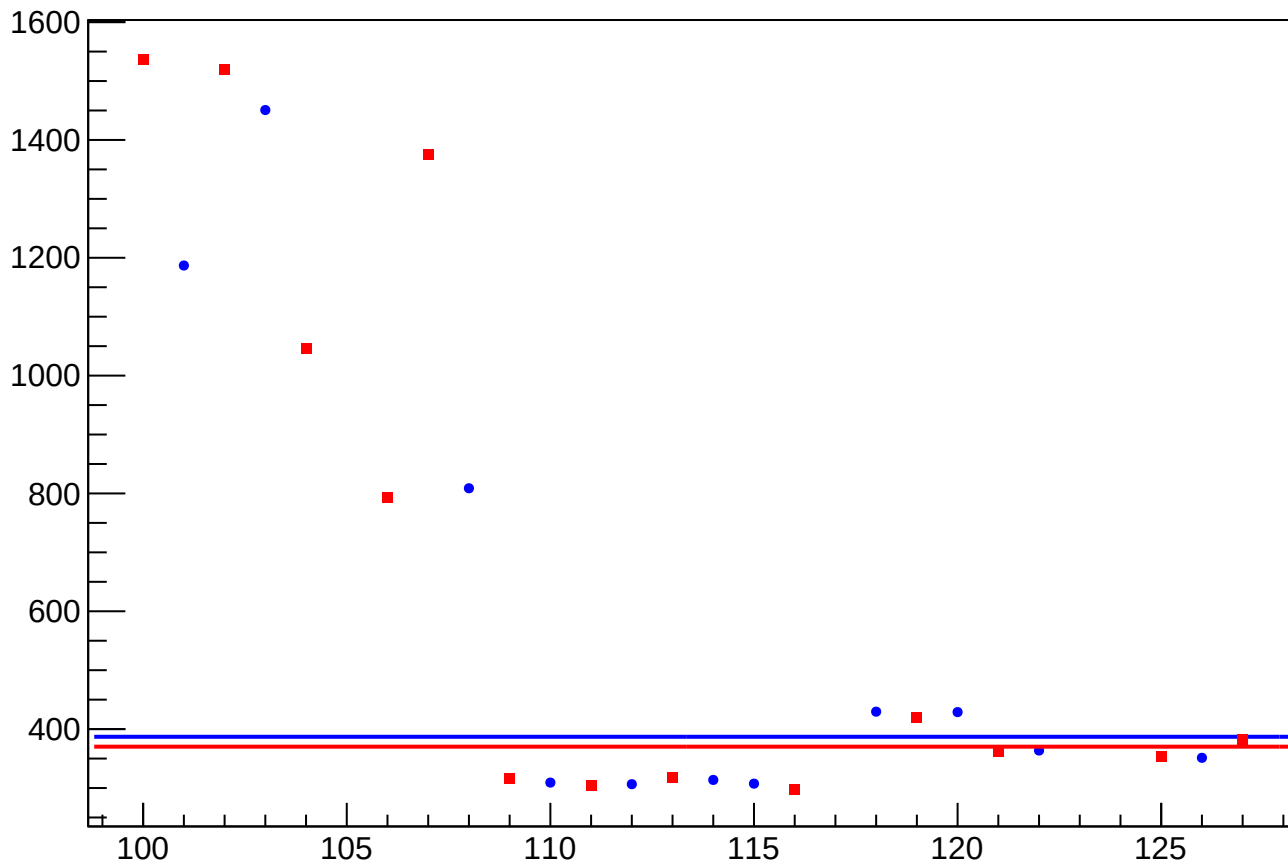
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -108.466+/-134.905 χ^2/NDF : 13.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_eigen_cor_correction_rms vs Slug



Right In: 386.983+/-0.143 χ^2/NDF : 1619337.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 370.174+/-0.128 χ^2/NDF : 1611917.9/12

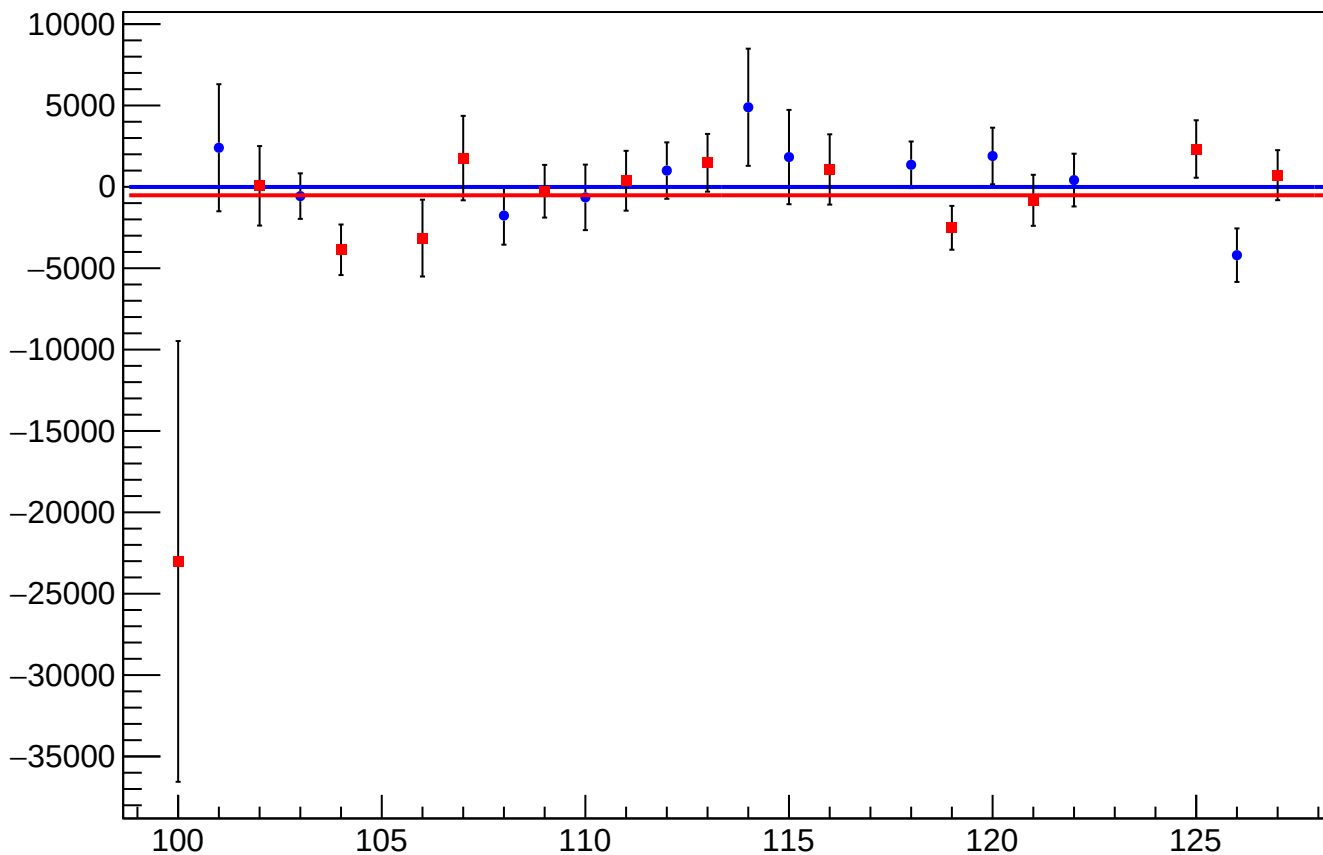
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 377.659+/-0.095 χ^2/NDF : 3238925.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: -7.218+/-556.103 χ^2/NDF : 12.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -518.515+/-511.172 χ^2/NDF : 17.0/12

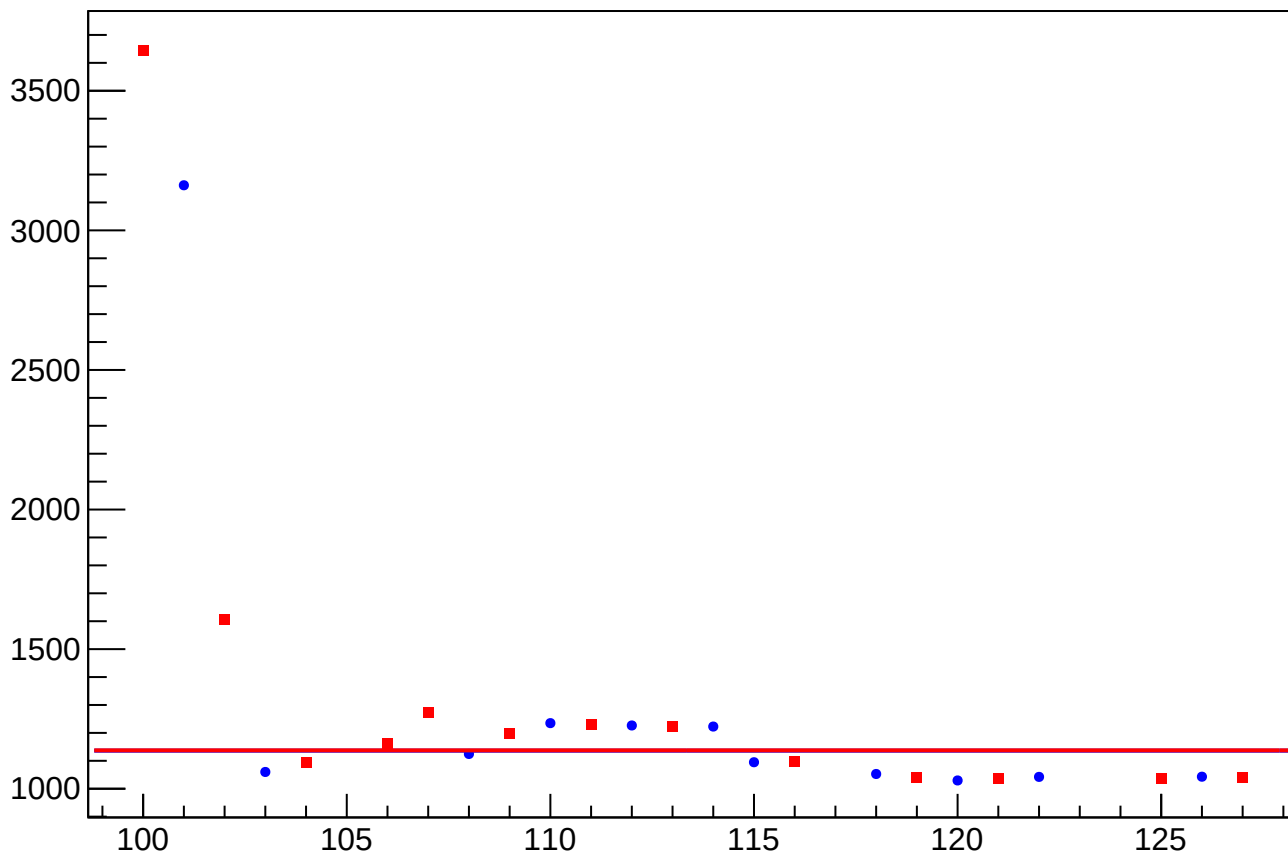
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -284.353+/-376.336 χ^2/NDF : 30.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1136.369+/-0.393 χ^2/NDF : 583444.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1137.455+/-0.361 χ^2/NDF : 195774.2/12

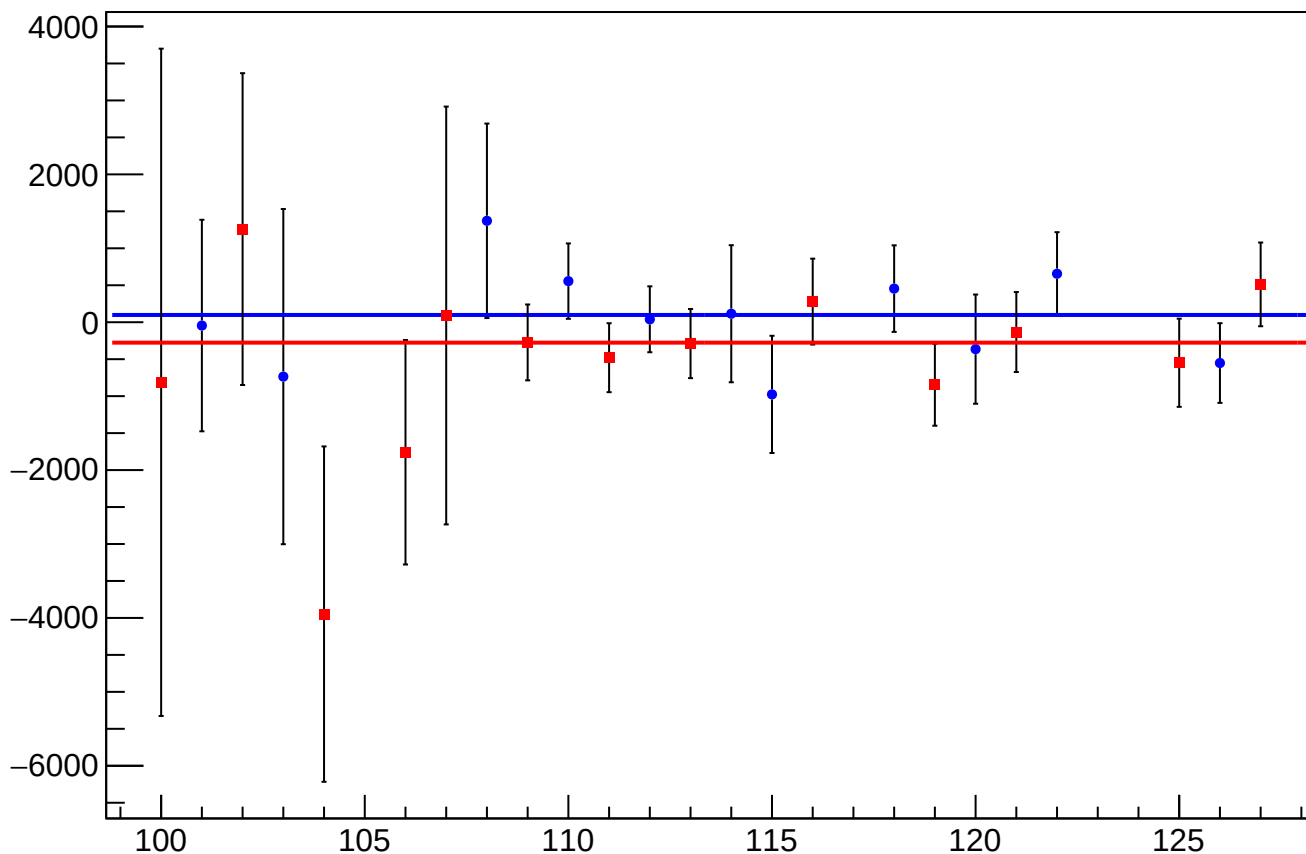
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1136.958+/-0.266 χ^2/NDF : 779222.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_dit_correction_mean vs Slug



Right In: 98.131+/-203.058 χ^2/NDF : 6.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -276.150+/-183.914 χ^2/NDF : 8.5/12

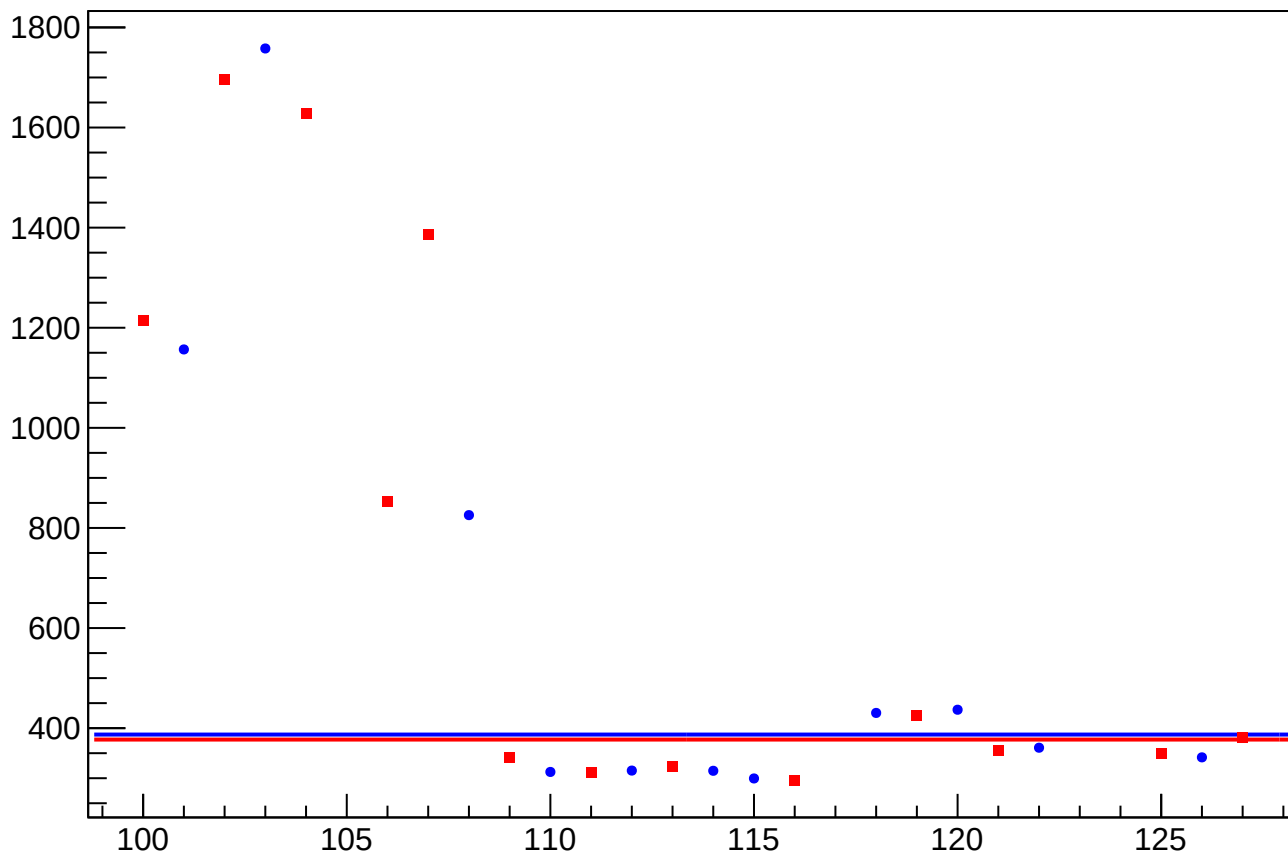
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -107.481+/-136.314 χ^2/NDF : 17.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_dit_correction_rms vs Slug



Right In: 387.205+/-0.144 χ^2/NDF : 1702162.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 377.220+/-0.130 χ^2/NDF : 2047223.2/12

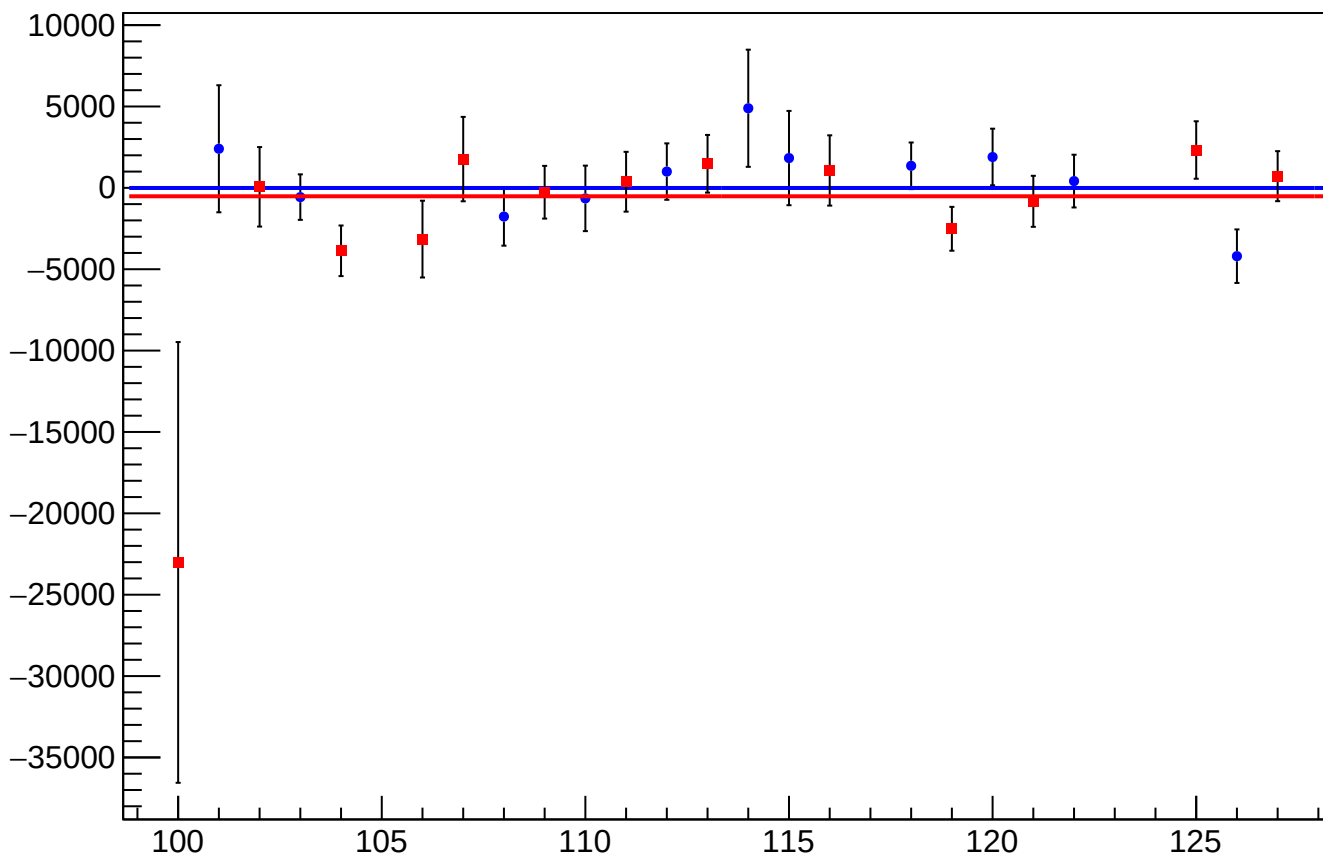
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 381.720+/-0.096 χ^2/NDF : 3752043.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: -7.218+/-556.103 χ^2/NDF : 12.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -518.514+/-511.172 χ^2/NDF : 17.0/12

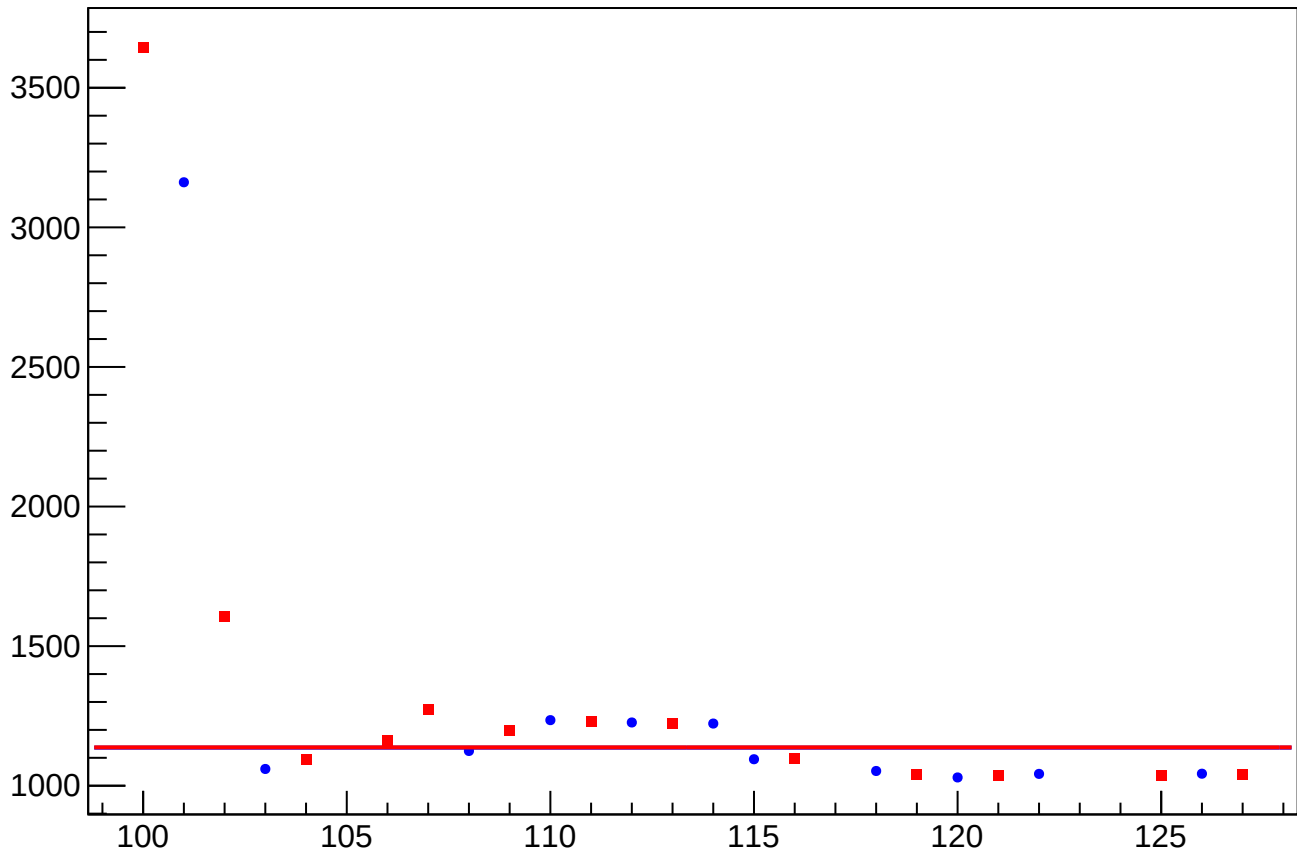
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -284.353+/-376.336 χ^2/NDF : 30.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1136.369+/-0.393 χ^2/NDF : 583444.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1137.455+/-0.361 χ^2/NDF : 195774.3/12

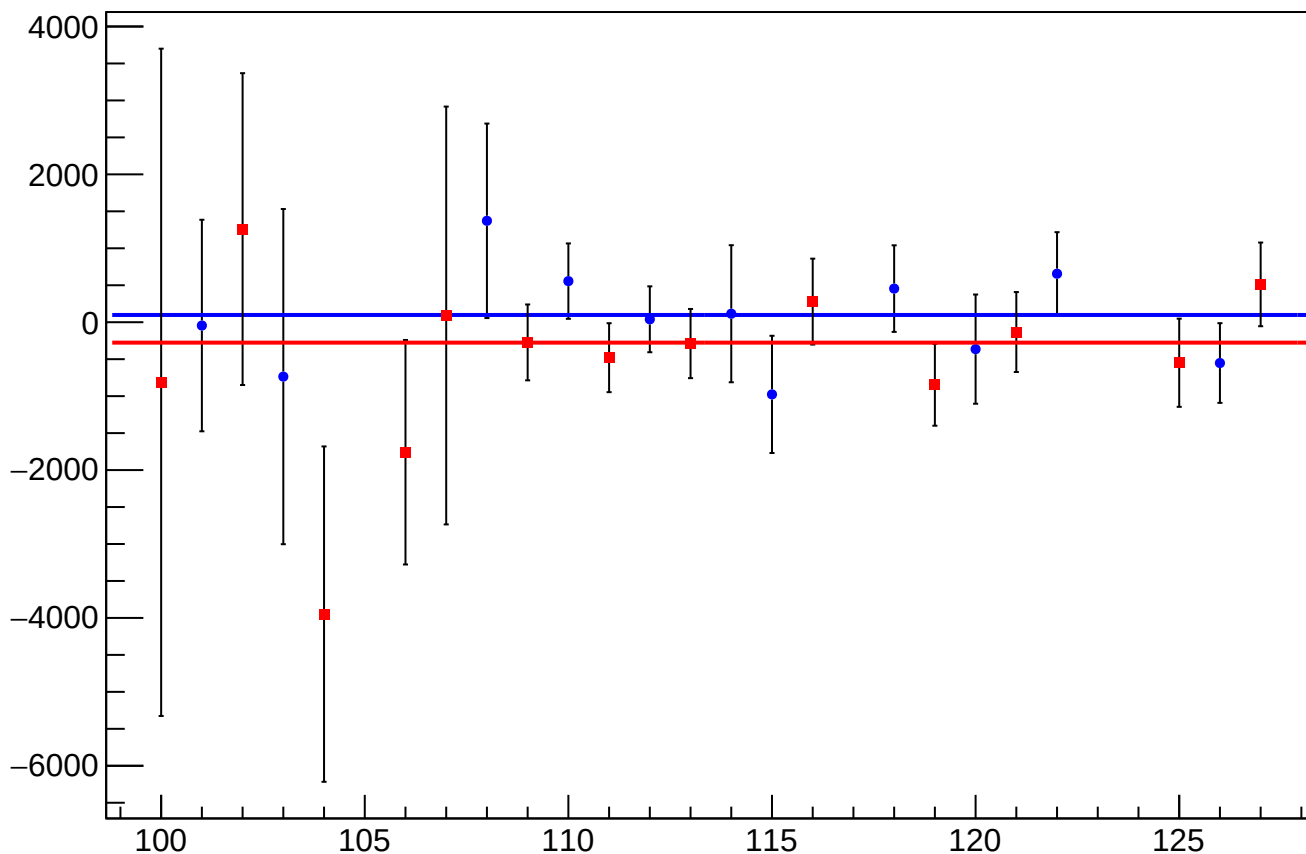
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1136.958+/-0.266 χ^2/NDF : 779222.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_correction_mean vs Slug



Right In: 98.126+/-203.057 χ^2/NDF : 6.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -276.149+/-183.913 χ^2/NDF : 8.5/12

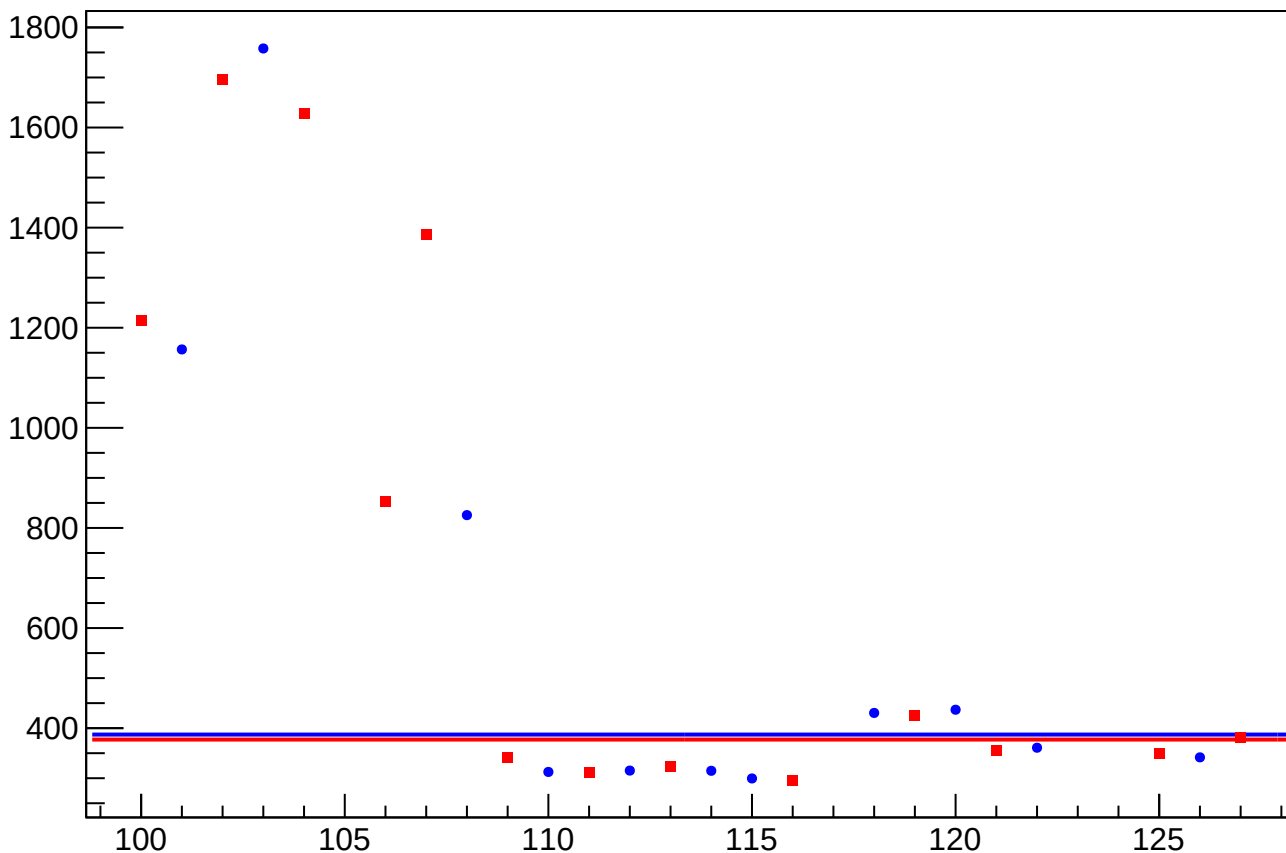
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -107.483+/-136.313 χ^2/NDF : 17.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_correction_rms vs Slug



Right In: 387.204+/-0.144 χ^2/NDF : 1702165.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

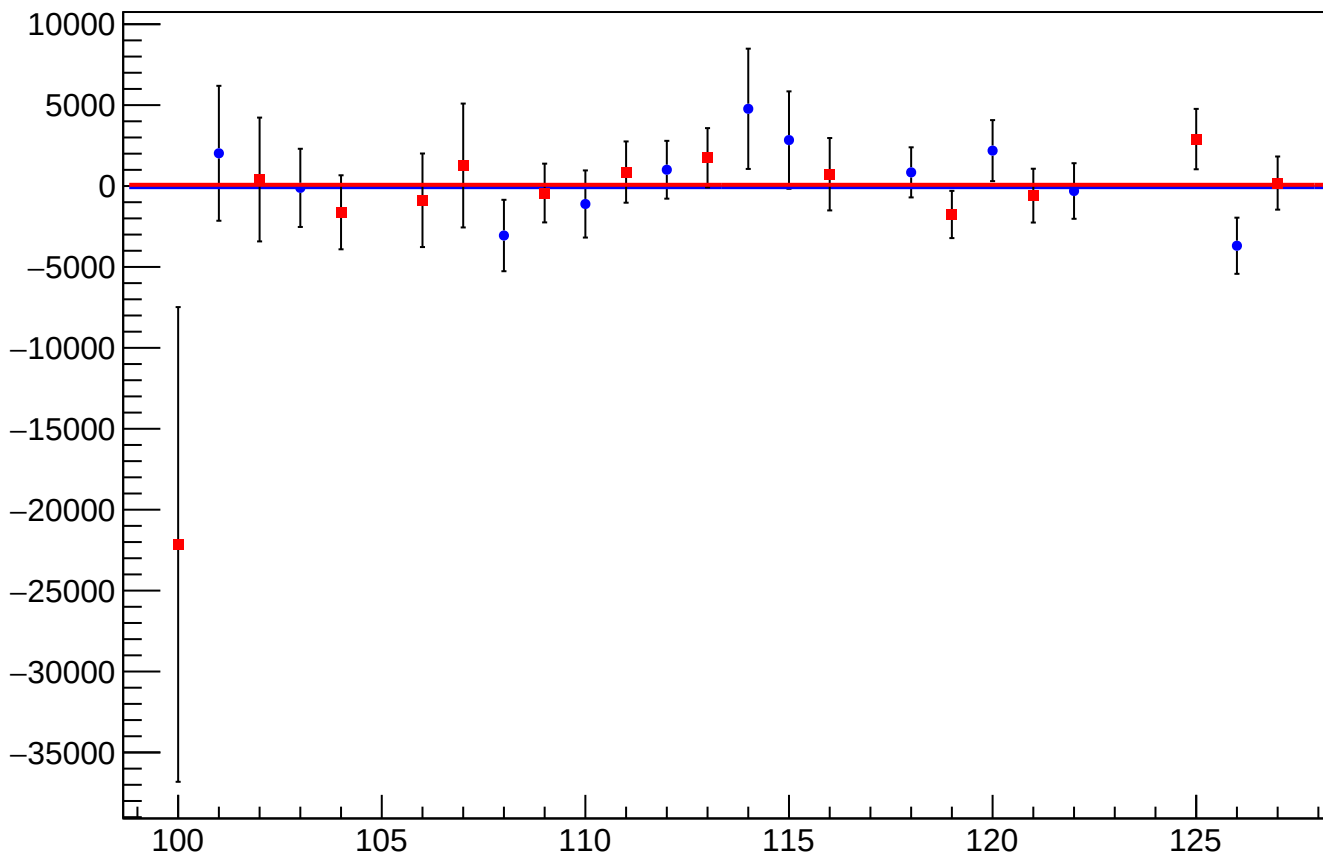
Right Out: 377.217+/-0.130 χ^2/NDF : 2047234.8/12

All: 381.717+/-0.096 χ^2/NDF : 3752057.4/23

- 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_atlr_dd_dd_mean vs Slug



Right In: -70.020+/-628.410 χ^2/NDF : 11.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.439+/-575.238 χ^2/NDF : 8.3/12

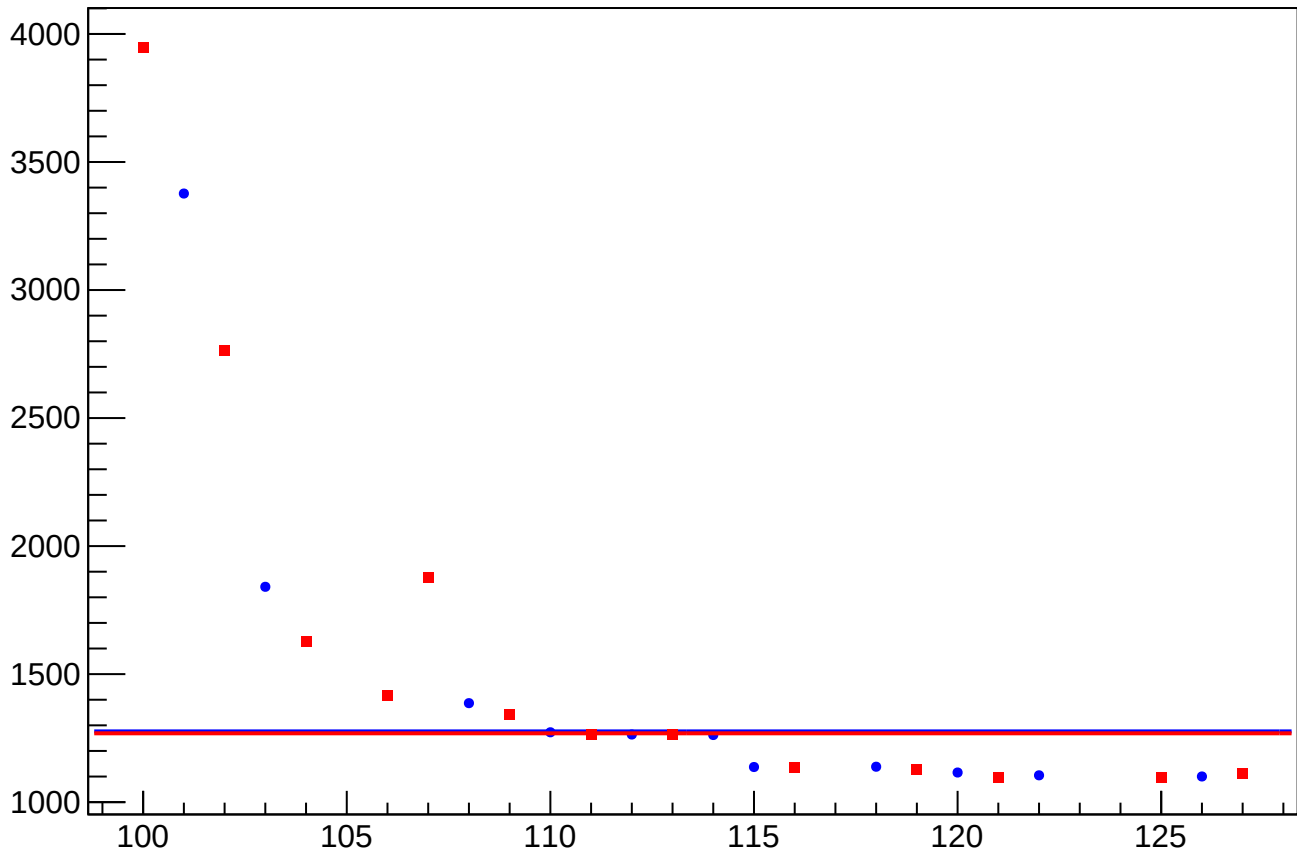
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.667+/-424.310 χ^2/NDF : 19.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1276.318+/-0.444 χ^2/NDF : 697348.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1268.836+/-0.407 χ^2/NDF : 563208.0/12

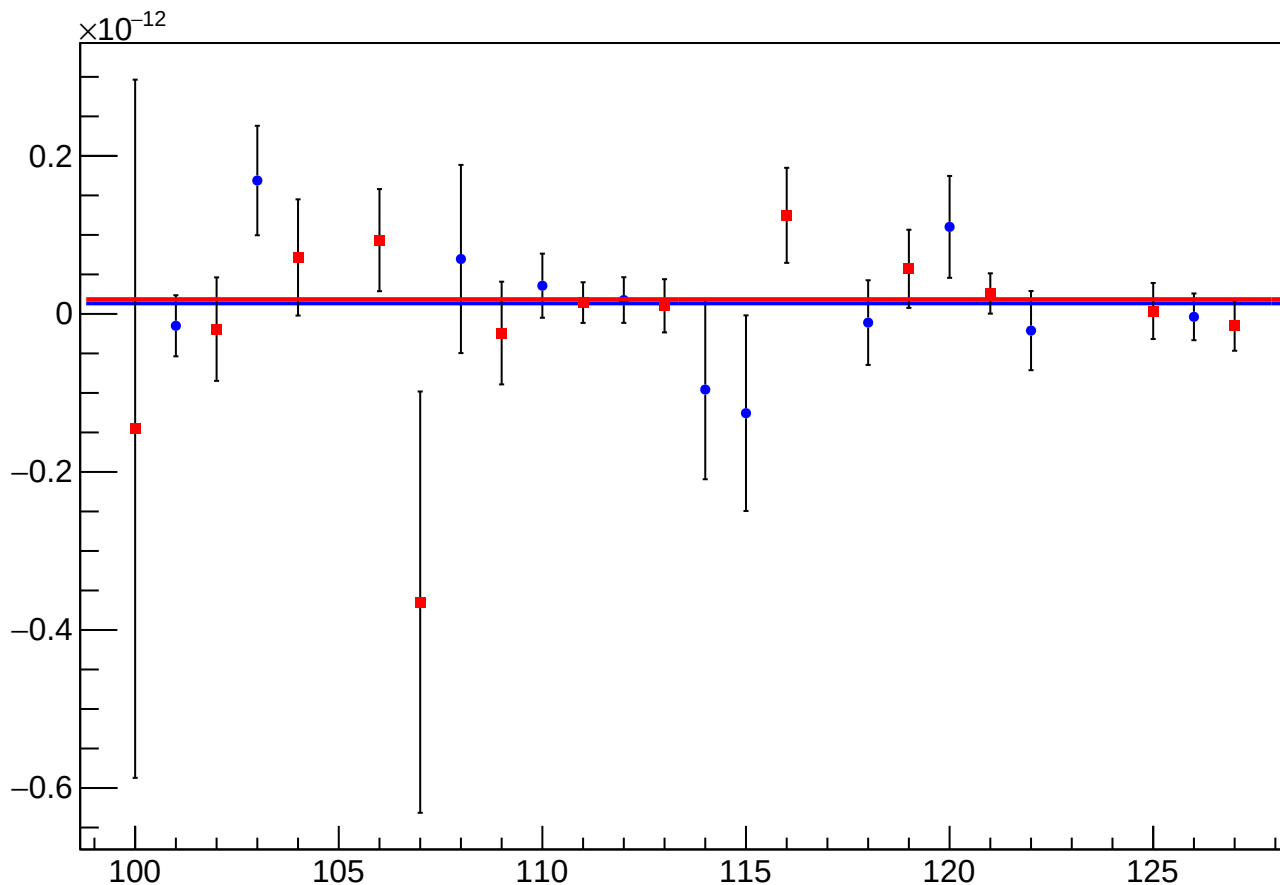
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1272.247+/-0.300 χ^2/NDF : 1260710.7/23

- 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: 11.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.0/12

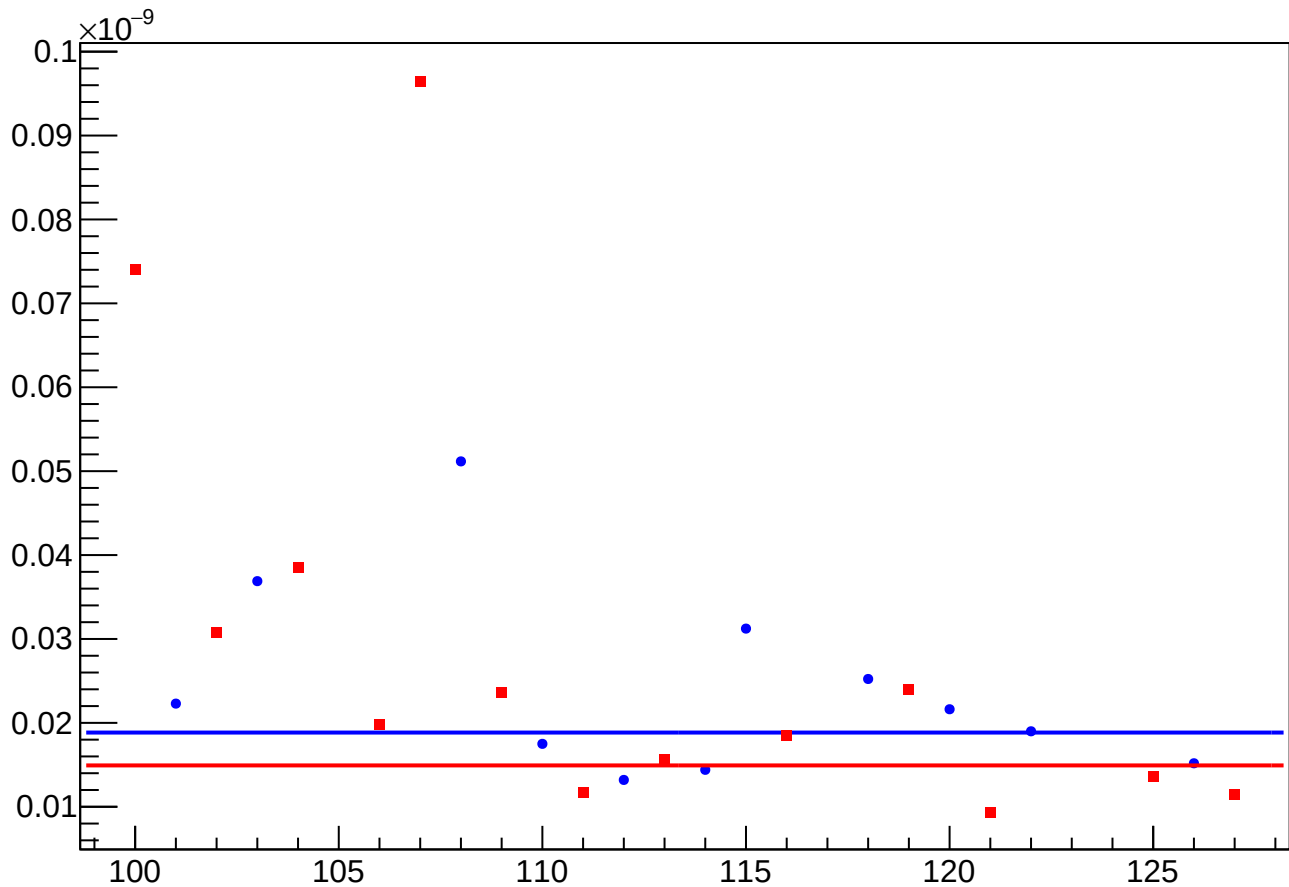
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 21.6/23

- 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 : 463466.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 825186.7/12

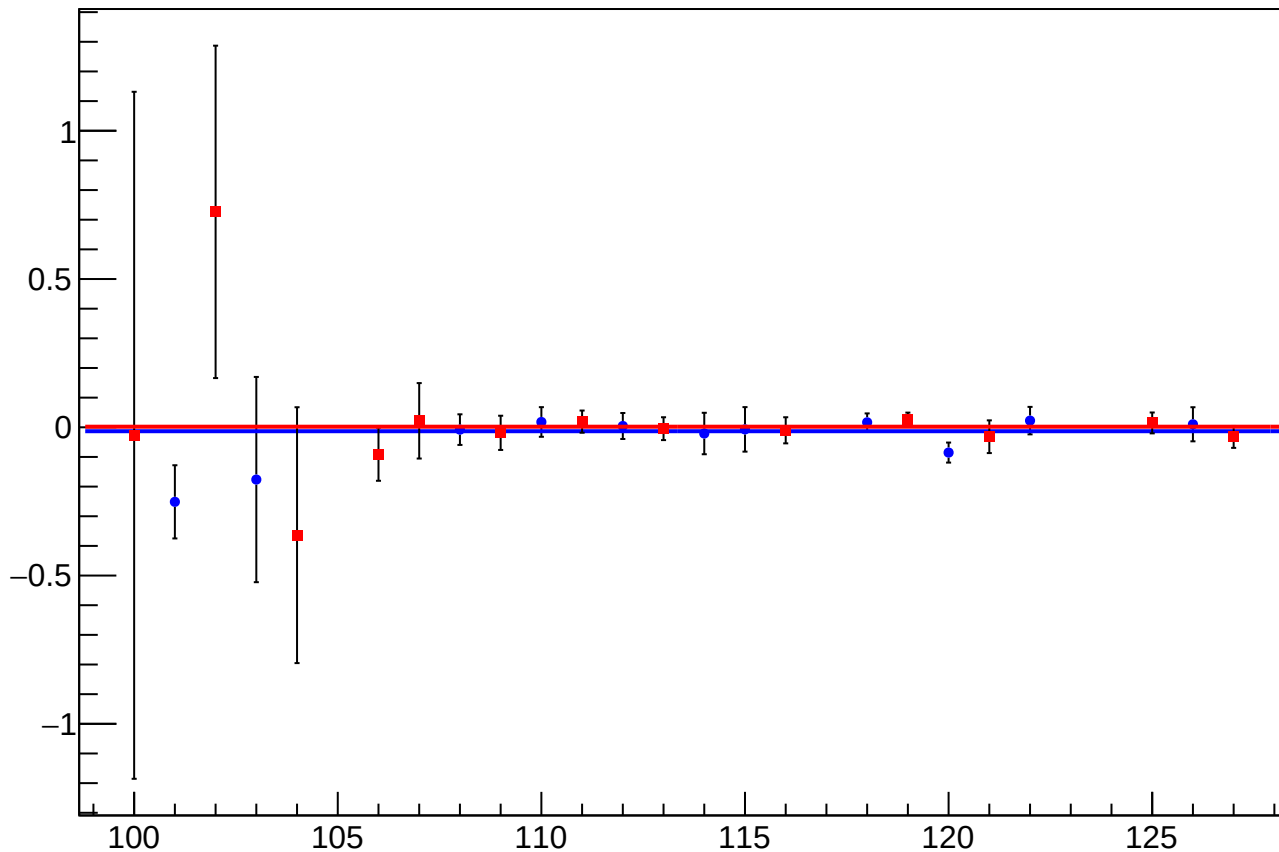
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1379992.2/23

- 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: -0.013 $\pm$ 0.015 χ^2 /NDF: 10.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.002 $\pm$ 0.013 χ^2 /NDF: 6.3/12

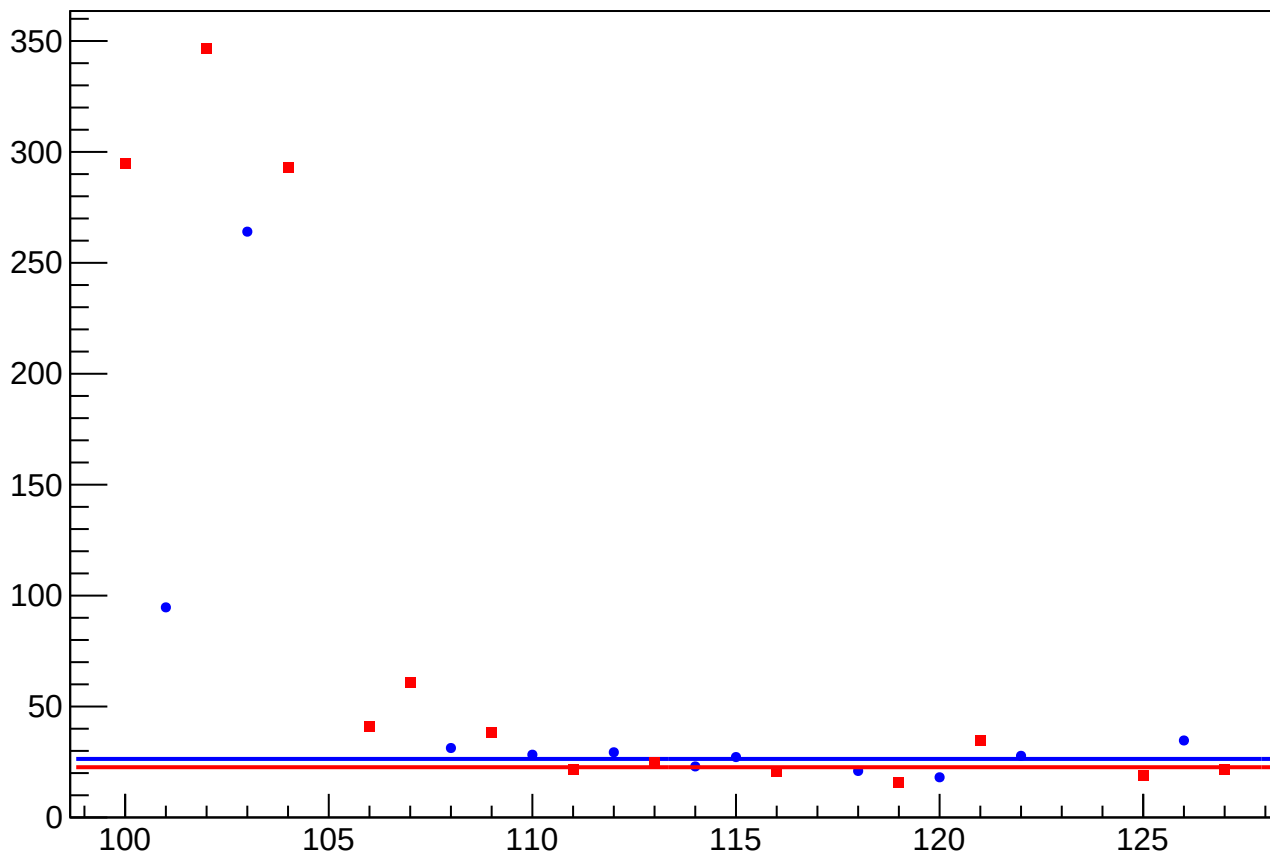
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.005 $\pm$ 0.010 χ^2 /NDF: 17.7/23

- 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: 26.384 $\pm$ 0.011 χ^2 /NDF: 1820093.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.644 $\pm$ 0.009 χ^2 /NDF: 2284793.6/12

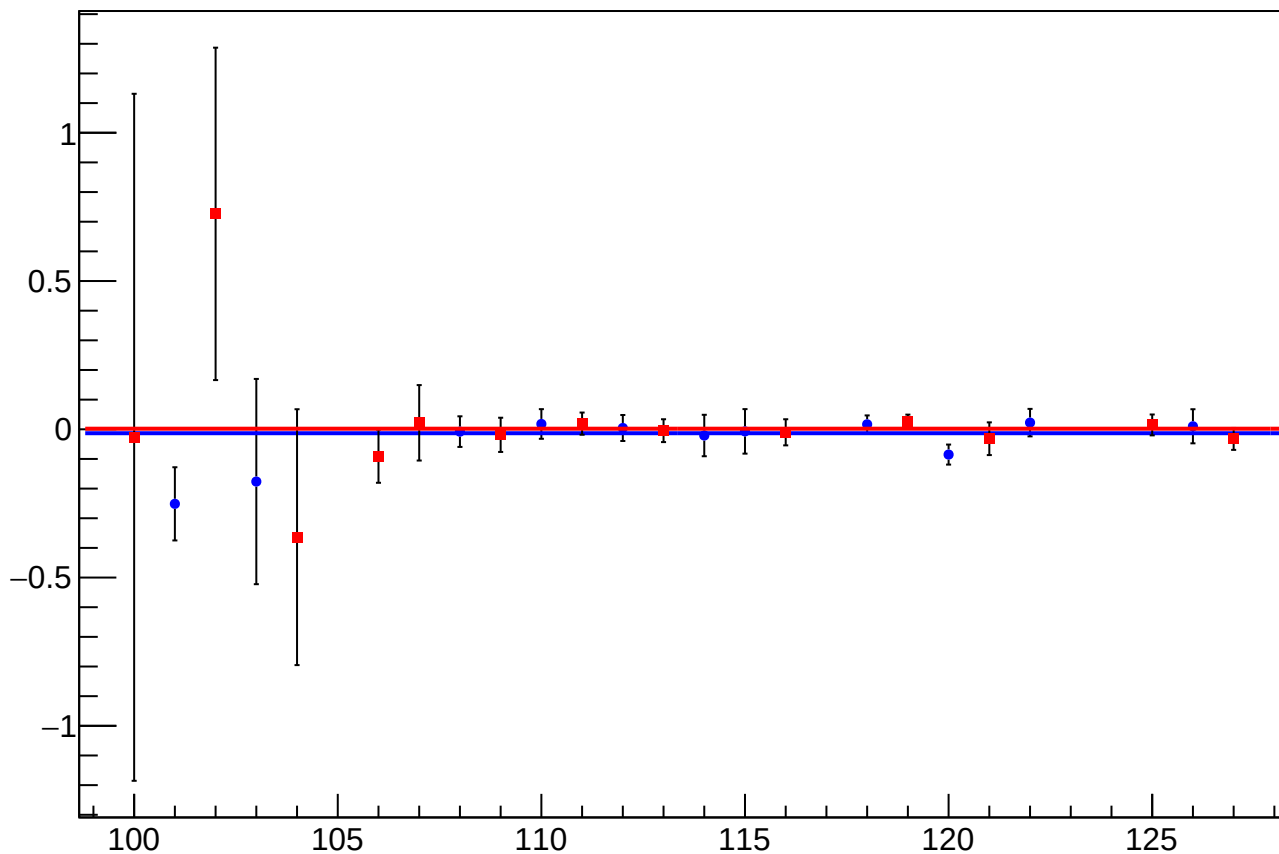
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.247 $\pm$ 0.007 χ^2 /NDF: 4176886.6/23

- 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: -0.013 $\pm$ 0.015 χ^2 /NDF: 10.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.002 $\pm$ 0.013 χ^2 /NDF: 6.3/12

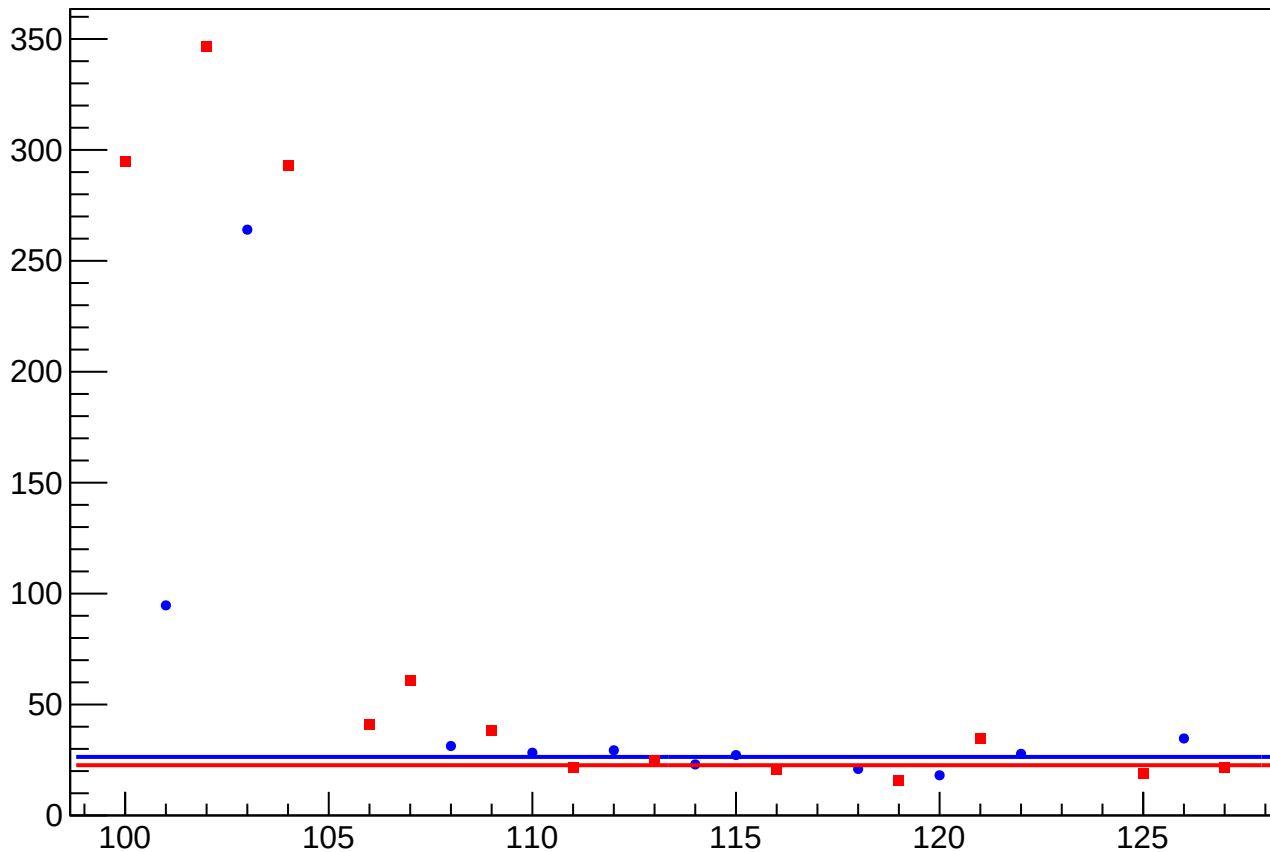
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.005 $\pm$ 0.010 χ^2 /NDF: 17.7/23

- 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: 26.384+/-0.011 χ^2/NDF : 1820093.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.644+/-0.009 χ^2/NDF : 2284793.6/12

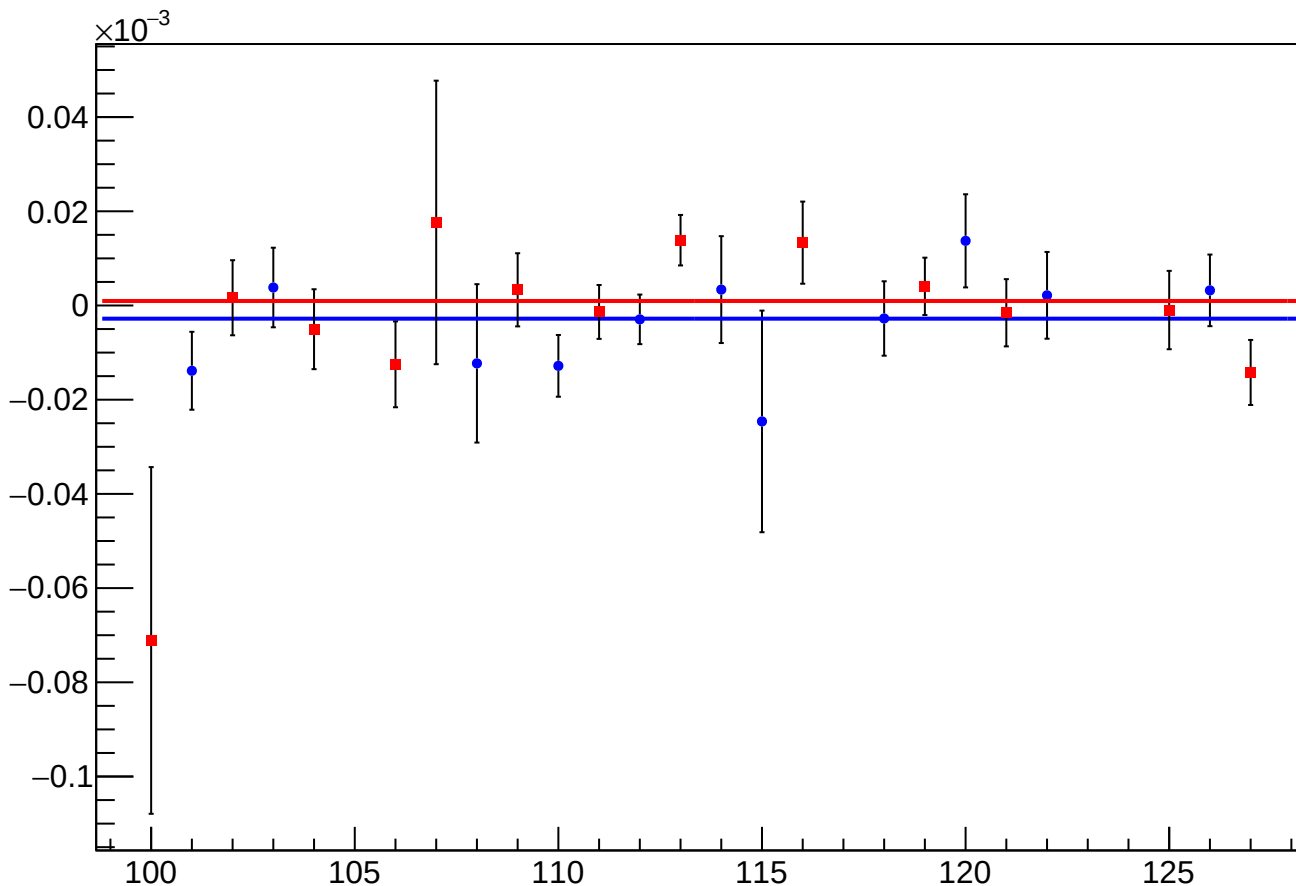
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.247+/-0.007 χ^2/NDF : 4176886.6/23

- sign 0.000+/-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 $\pm$ 0.000 χ^2/NDF : 9.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 20.2/12

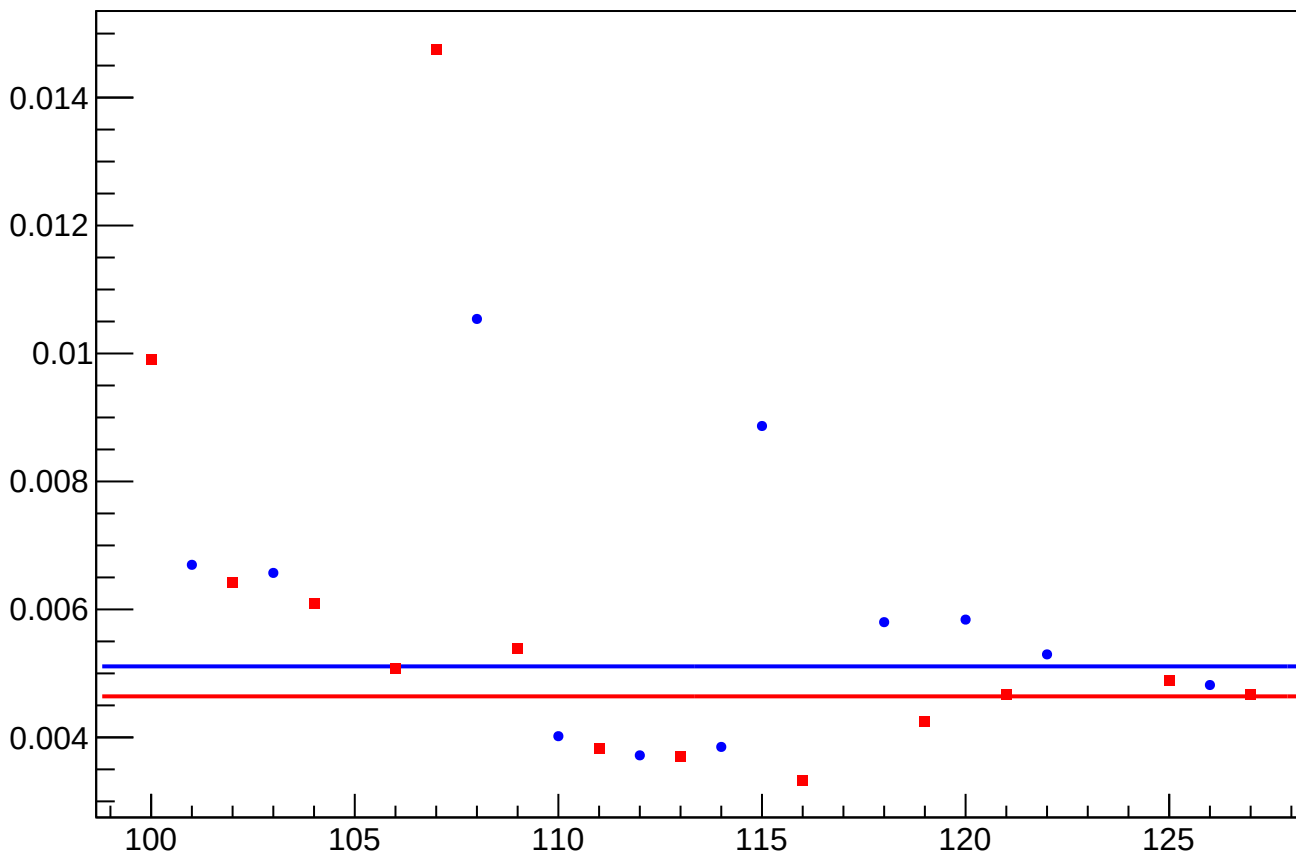
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 31.4/23

- sign 0.000 $\pm$ 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 : 642758.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 607166.1/12

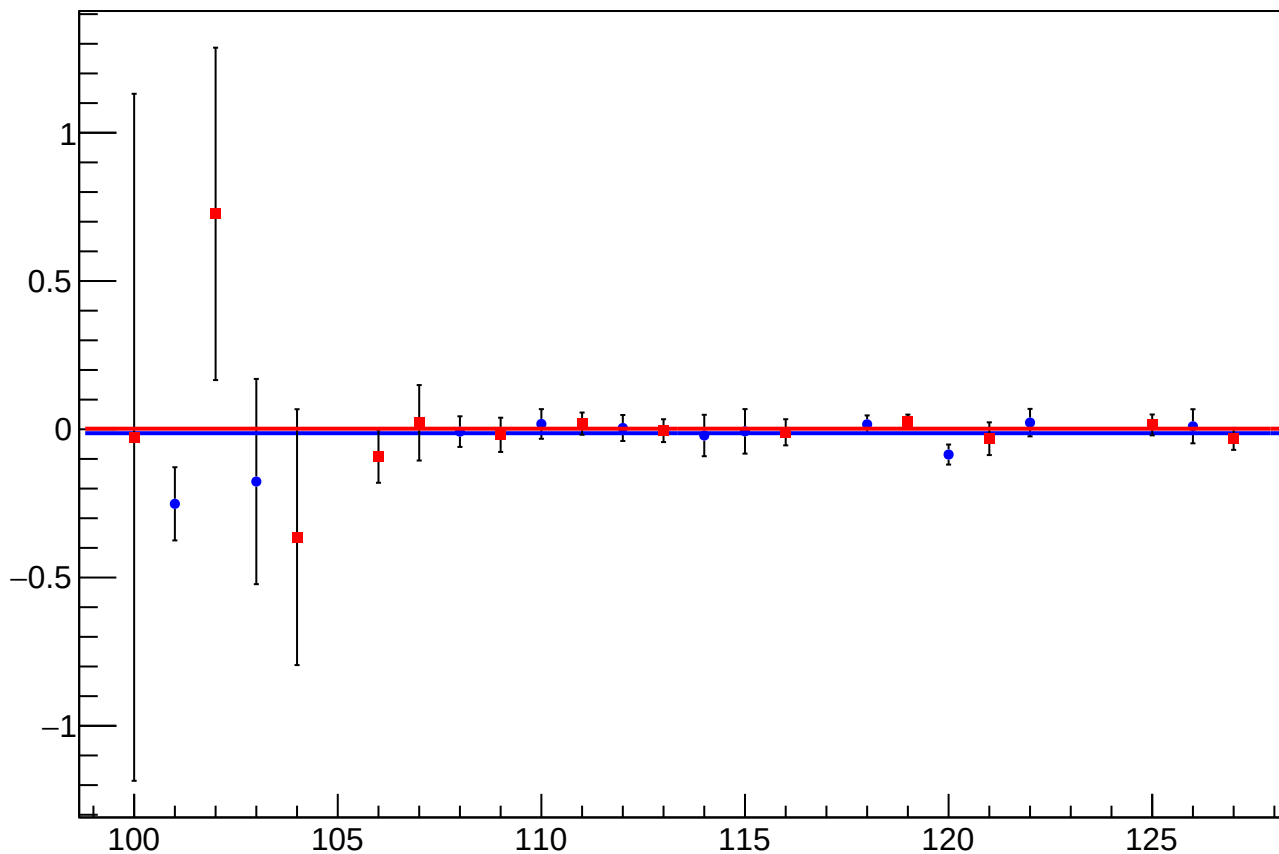
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1290137.9/23

- 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: -0.013 $\pm$ 0.015 χ^2 /NDF: 10.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.002 $\pm$ 0.013 χ^2 /NDF: 6.3/12

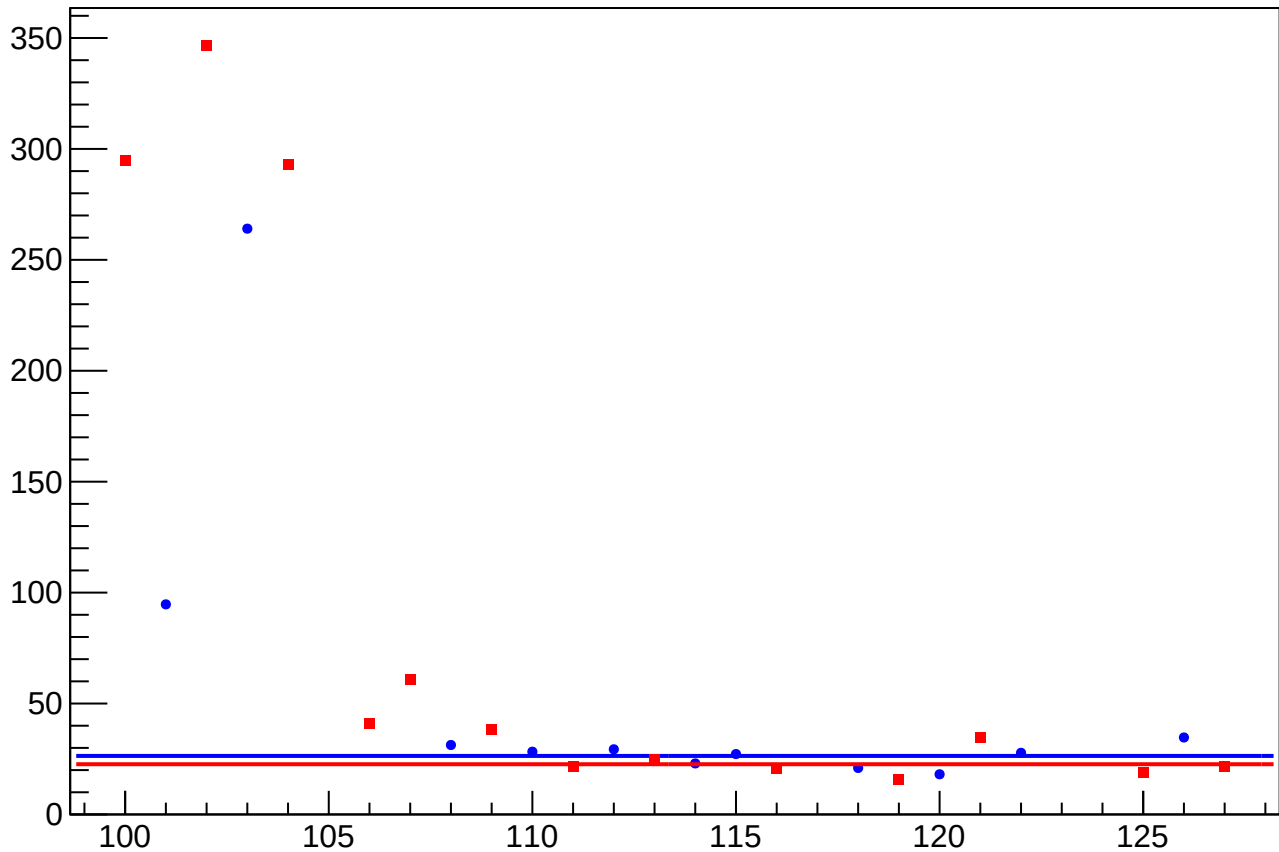
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.005 $\pm$ 0.010 χ^2 /NDF: 17.7/23

- 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: 26.384 $\pm$ 0.011 χ^2 /NDF: 1820081.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.642 $\pm$ 0.009 χ^2 /NDF: 2284993.6/12

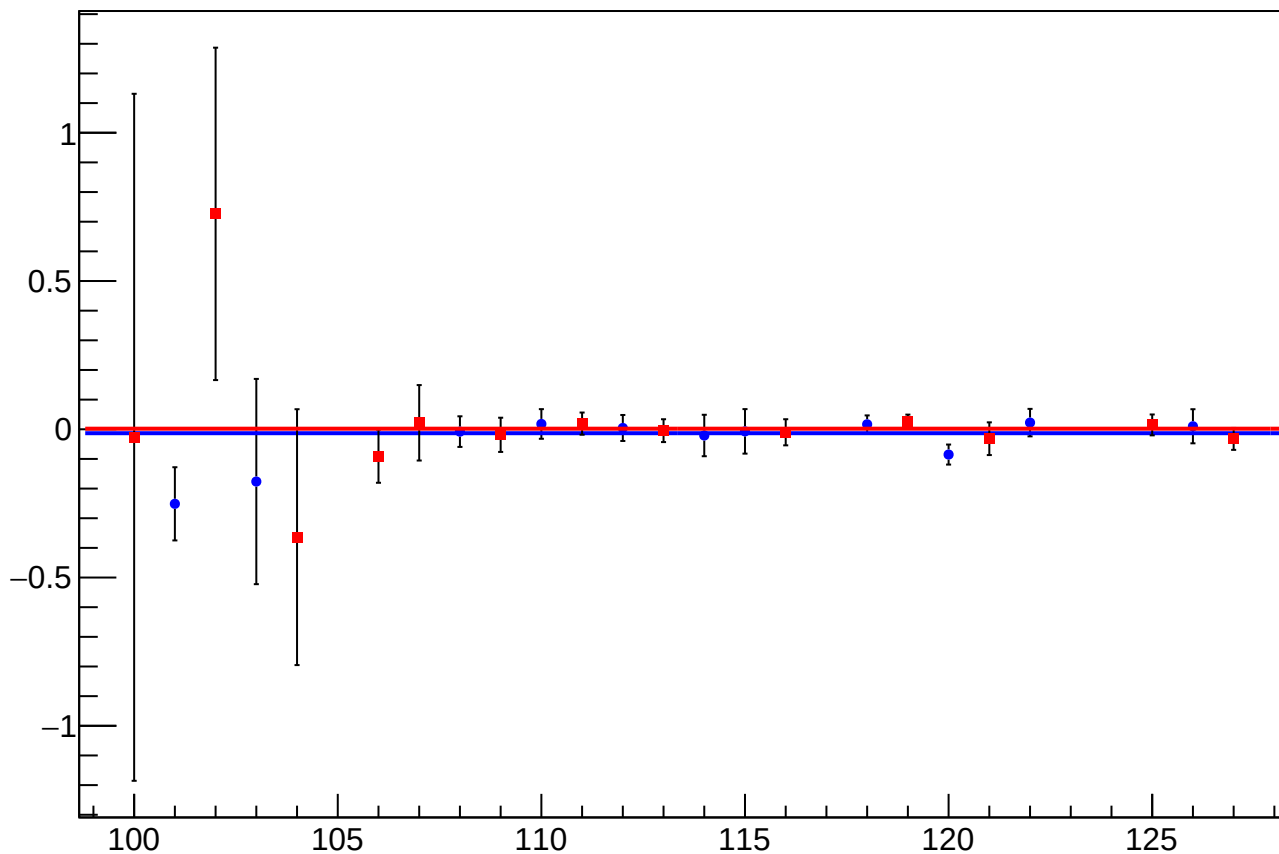
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.246 $\pm$ 0.007 χ^2 /NDF: 4177146.8/23

- 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: -0.013 $\pm$ 0.015 χ^2 /NDF: 10.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.002 $\pm$ 0.013 χ^2 /NDF: 6.3/12

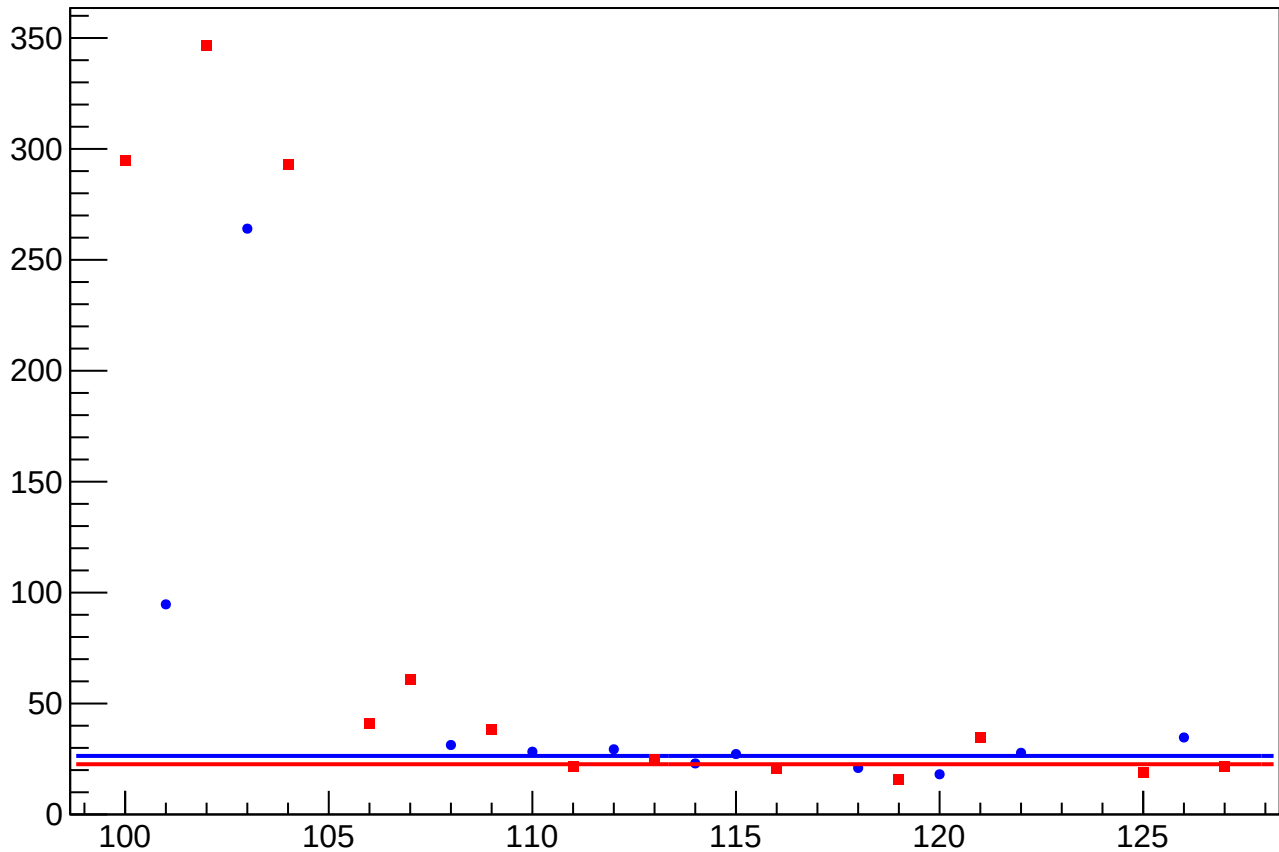
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.005 $\pm$ 0.010 χ^2 /NDF: 17.7/23

- 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: 26.384+/-0.011 χ^2/NDF : 1820081.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.642+/-0.009 χ^2/NDF : 2284993.6/12

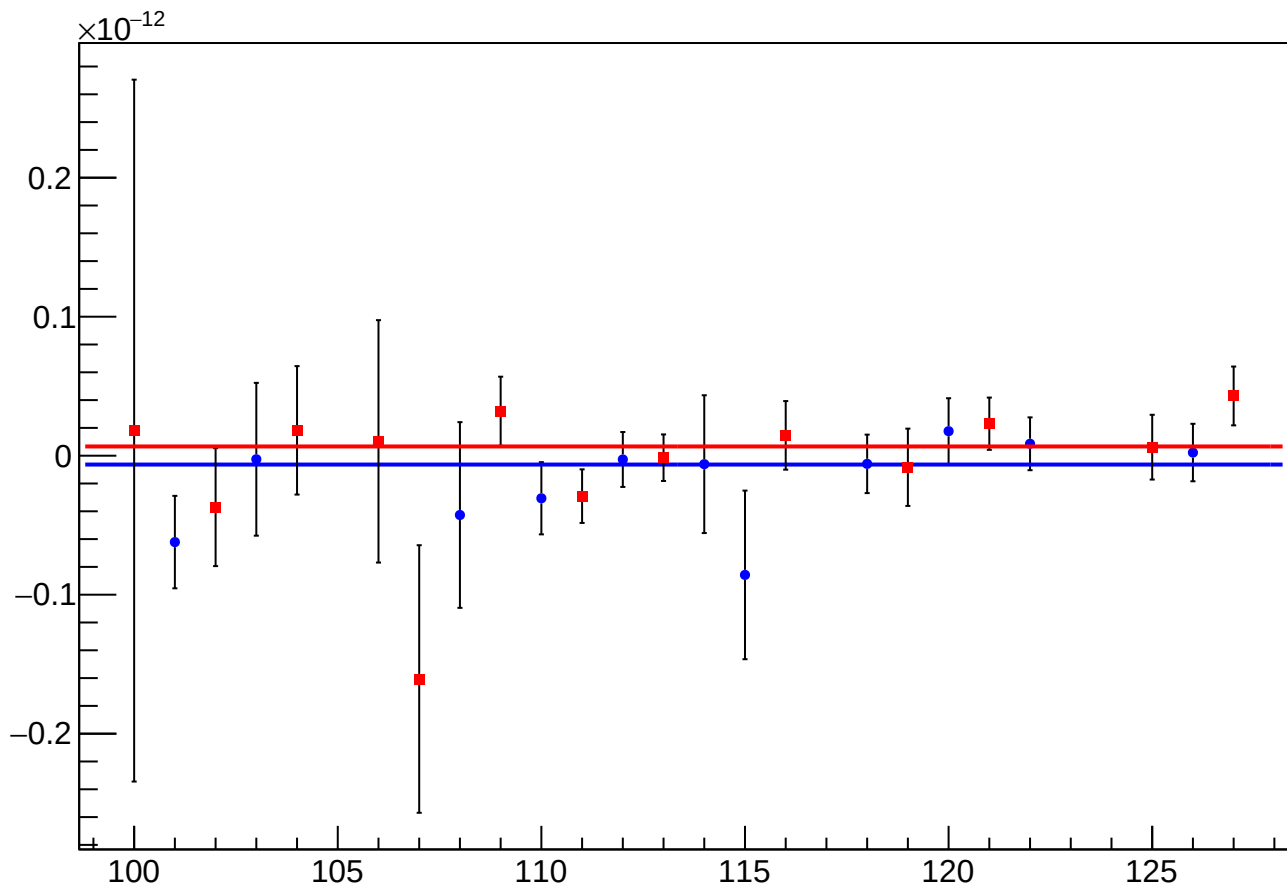
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.246+/-0.007 χ^2/NDF : 4177146.8/23

- 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 $\pm$ 0.000 χ^2 /NDF: 7.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.0/12

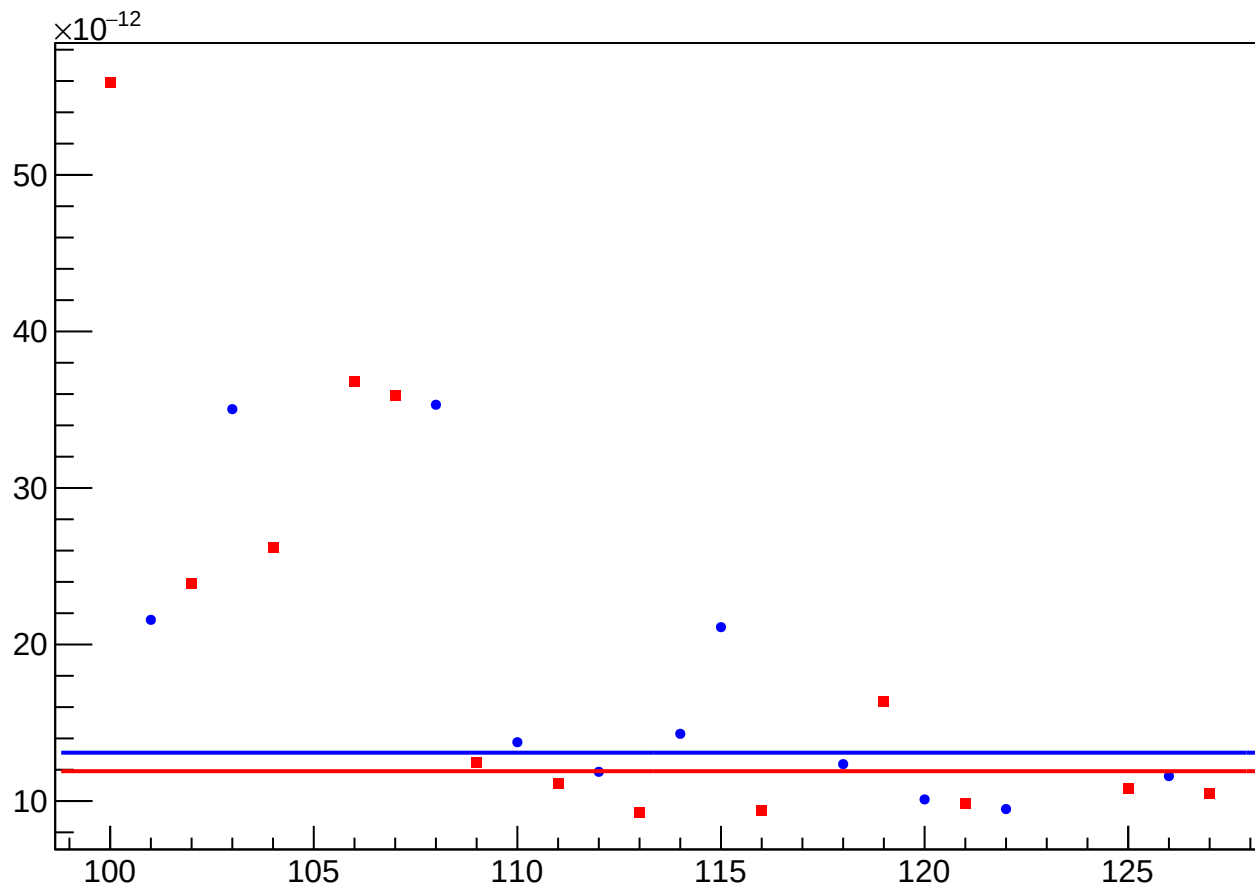
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 22.0/23

- sign 0.000 $\pm$ 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 : 832130.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 862485.1/12

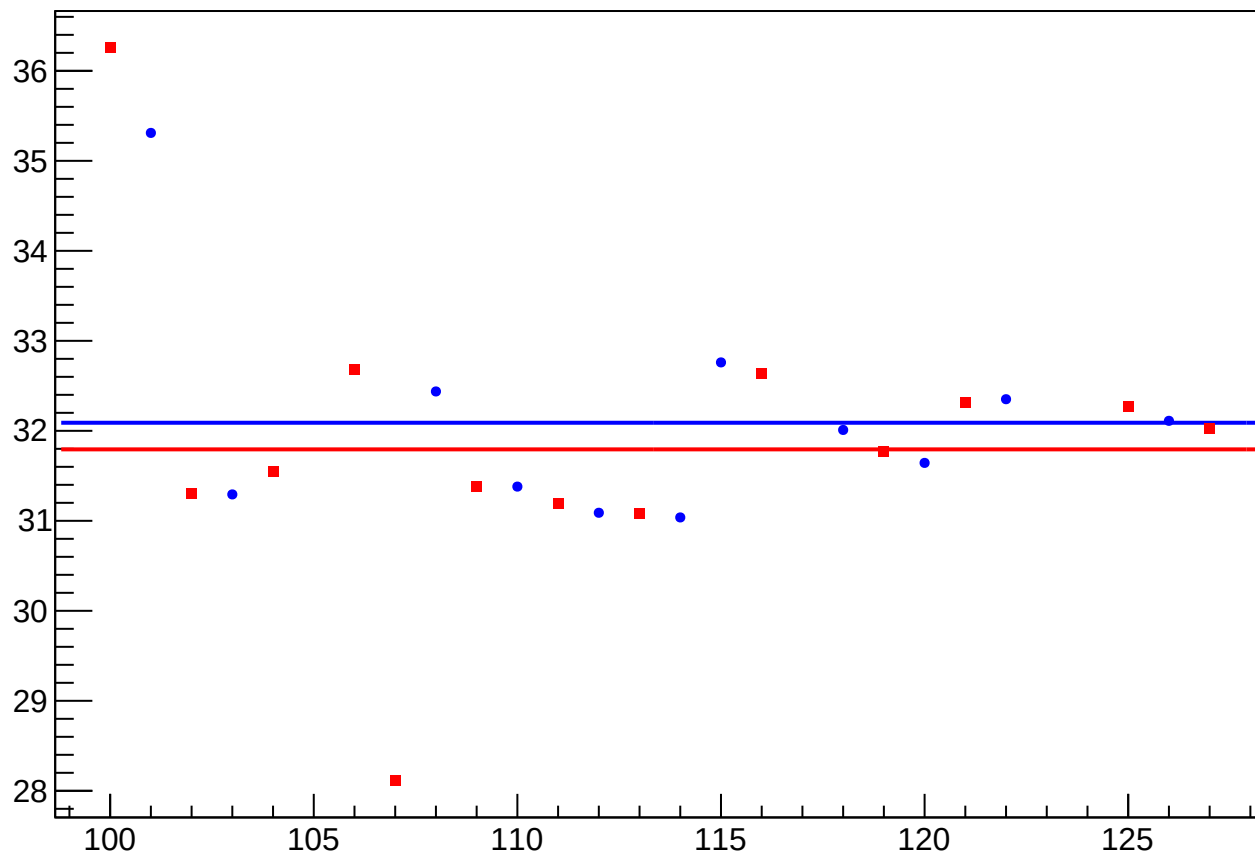
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1718358.9/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_usl_mean vs Slug



Right In: 32.090+/-0.000 χ^2/NDF : 831408204.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.794+/-0.000 χ^2/NDF : 412434486.5/12

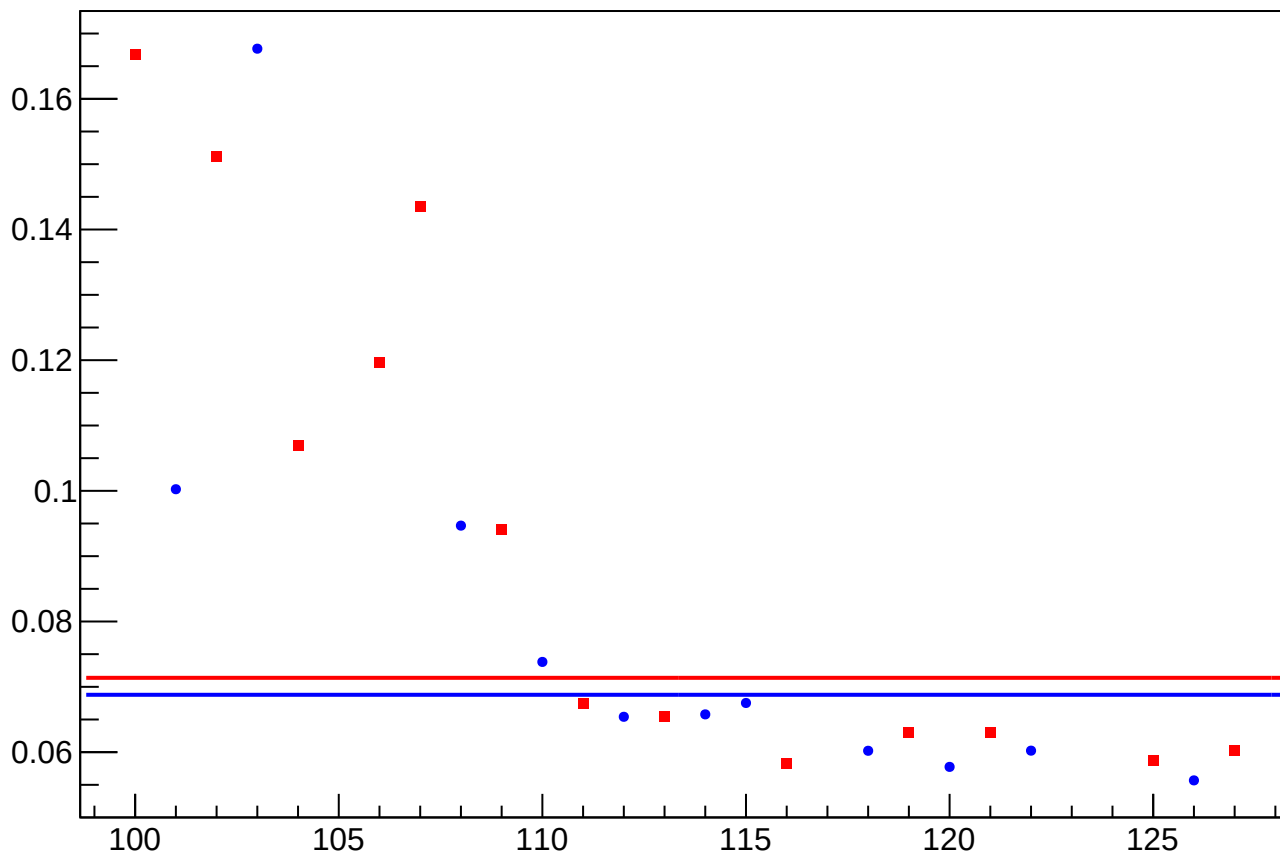
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.935+/-0.000 χ^2/NDF : 1280344773.4/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_usl_rms vs Slug



Right In: 0.069+/-0.000 χ^2/NDF : 681130.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.071+/-0.000 χ^2/NDF : 842995.0/12

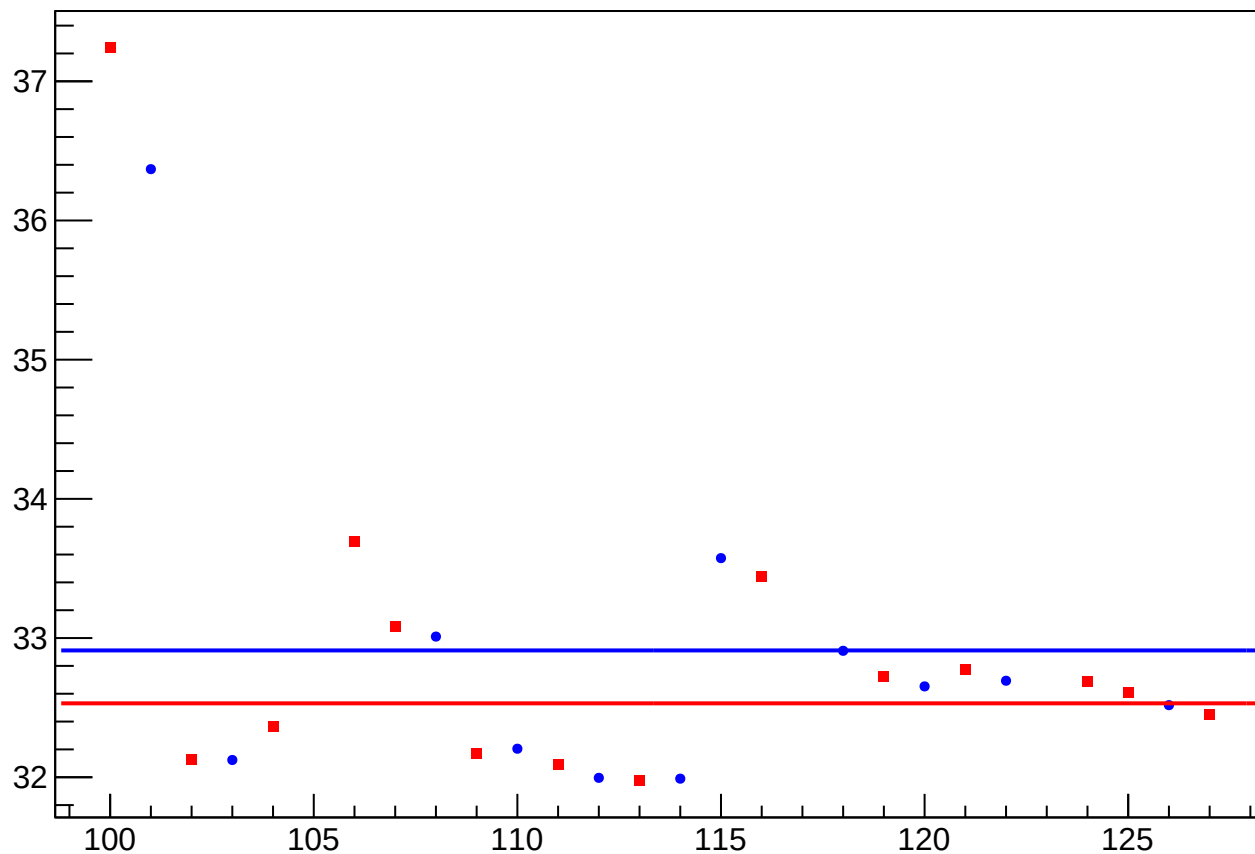
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.070+/-0.000 χ^2/NDF : 1529753.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_usr_mean vs Slug



Right In: 32.911+/-0.000 χ^2/NDF : 642544724.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.531+/-0.000 χ^2/NDF : 139678837.3/13

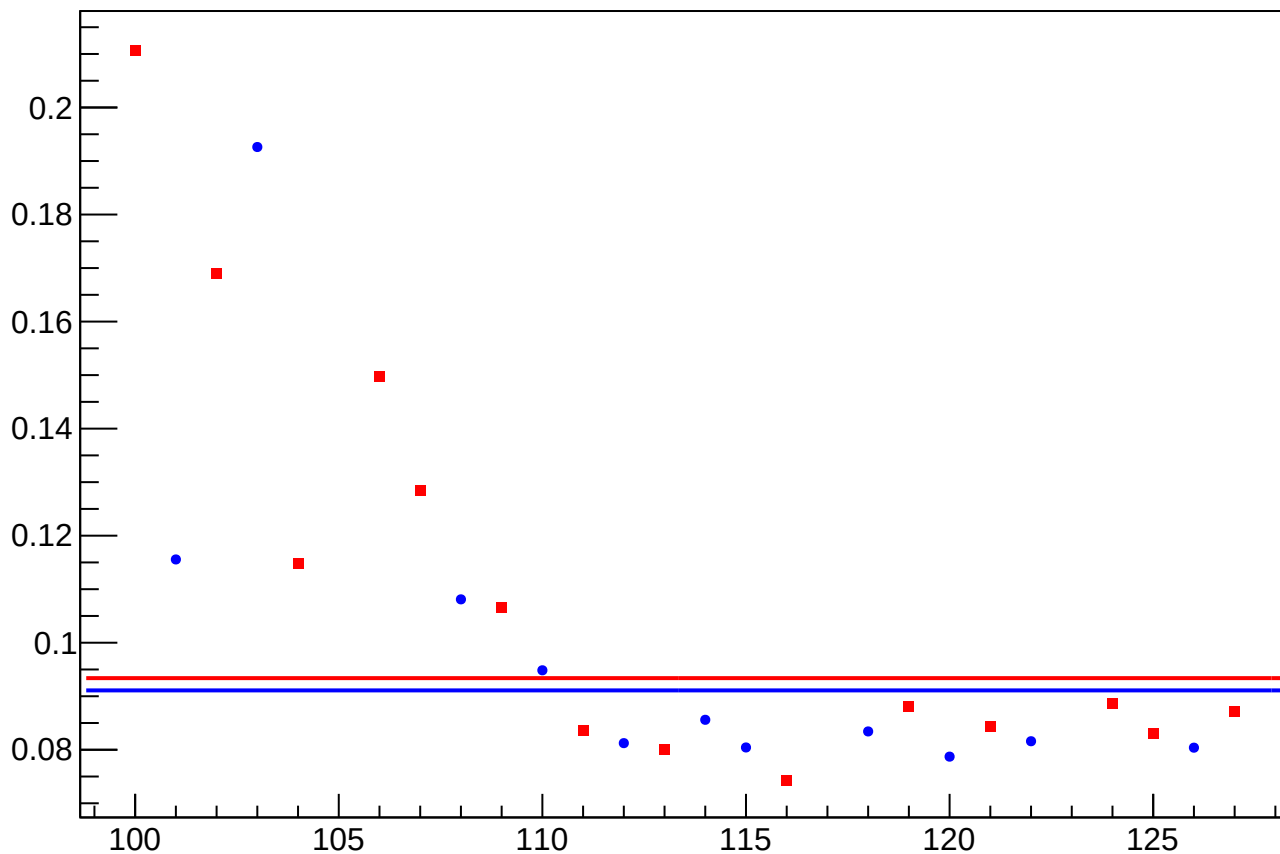
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.707+/-0.000 χ^2/NDF : 818154428.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_usr_rms vs Slug



Right In: 0.091 $\pm$ 0.000 χ^2 /NDF: 461344.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.093 $\pm$ 0.000 χ^2 /NDF: 521618.7/13

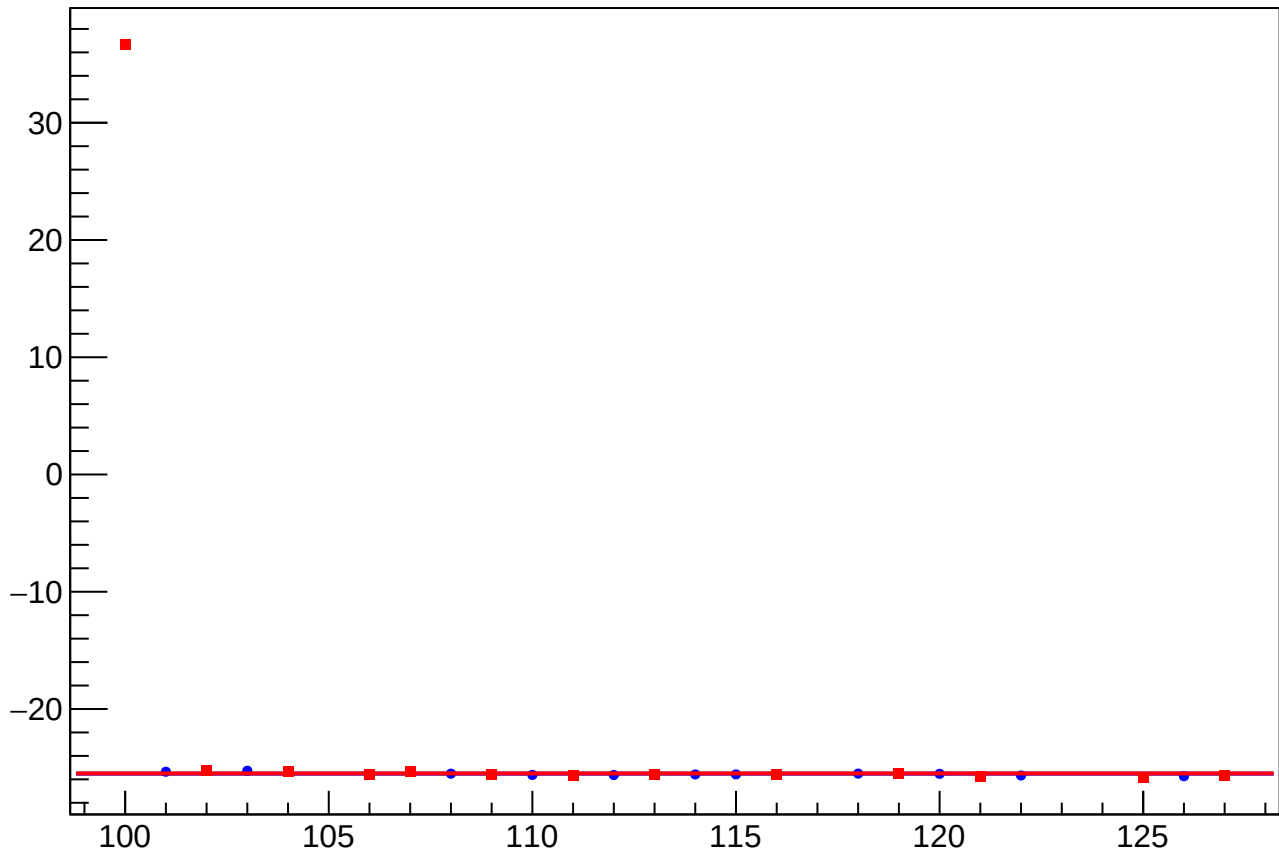
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.092 $\pm$ 0.000 χ^2 /NDF: 985575.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_dsl_mean vs Slug



Right In: -25.515+/-0.000 χ^2/NDF : 52953707.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.496+/-0.000 χ^2/NDF : 8874385716.8/12

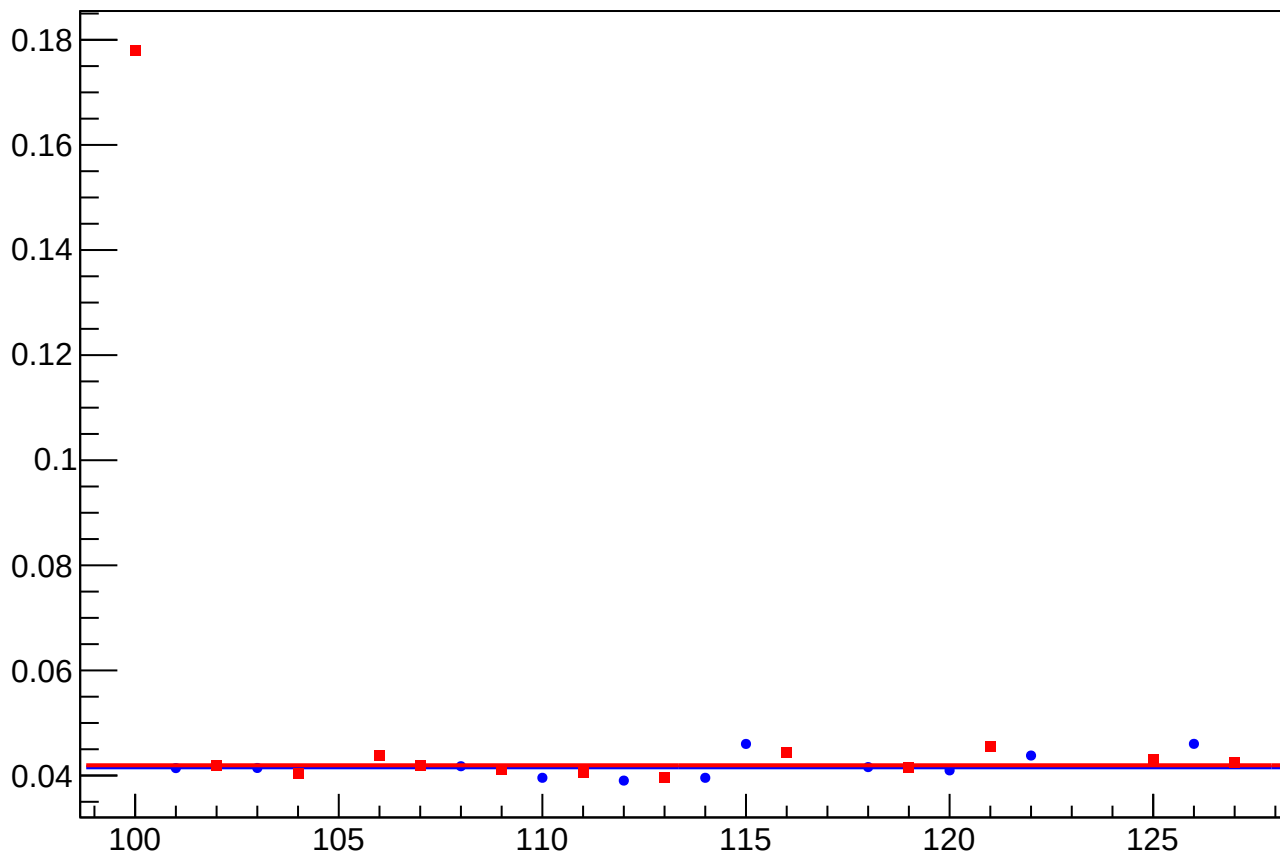
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.505+/-0.000 χ^2/NDF : 8927840208.2/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_dsl_rms vs Slug



Right In: 0.042 $\pm$ 0.000 χ^2 /NDF: 19106.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.042 $\pm$ 0.000 χ^2 /NDF: 98697.9/12

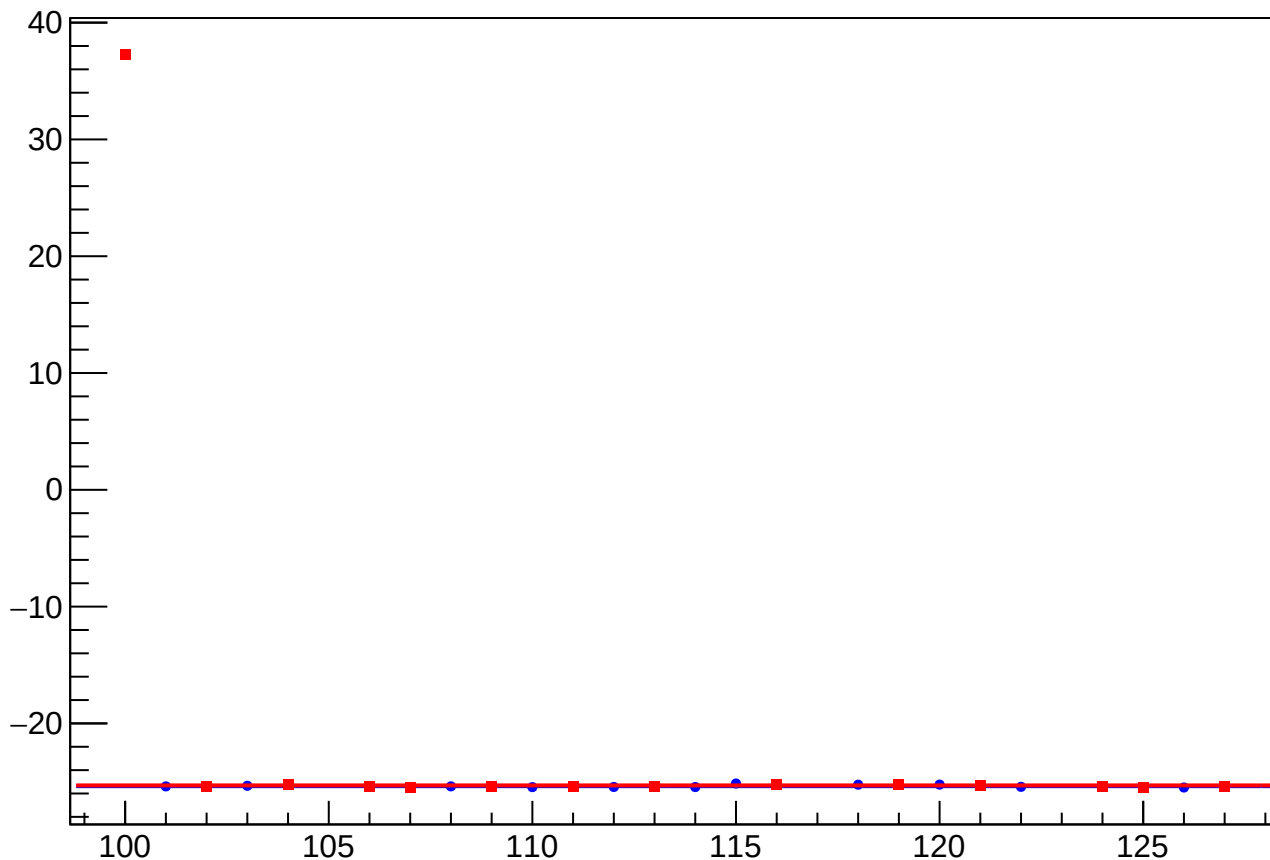
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.042 $\pm$ 0.000 χ^2 /NDF: 118219.9/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_dsr_mean vs Slug



Right In: -25.371+/-0.000 χ^2/NDF : 10016672.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.308+/-0.000 χ^2/NDF : 6310949579.7/13

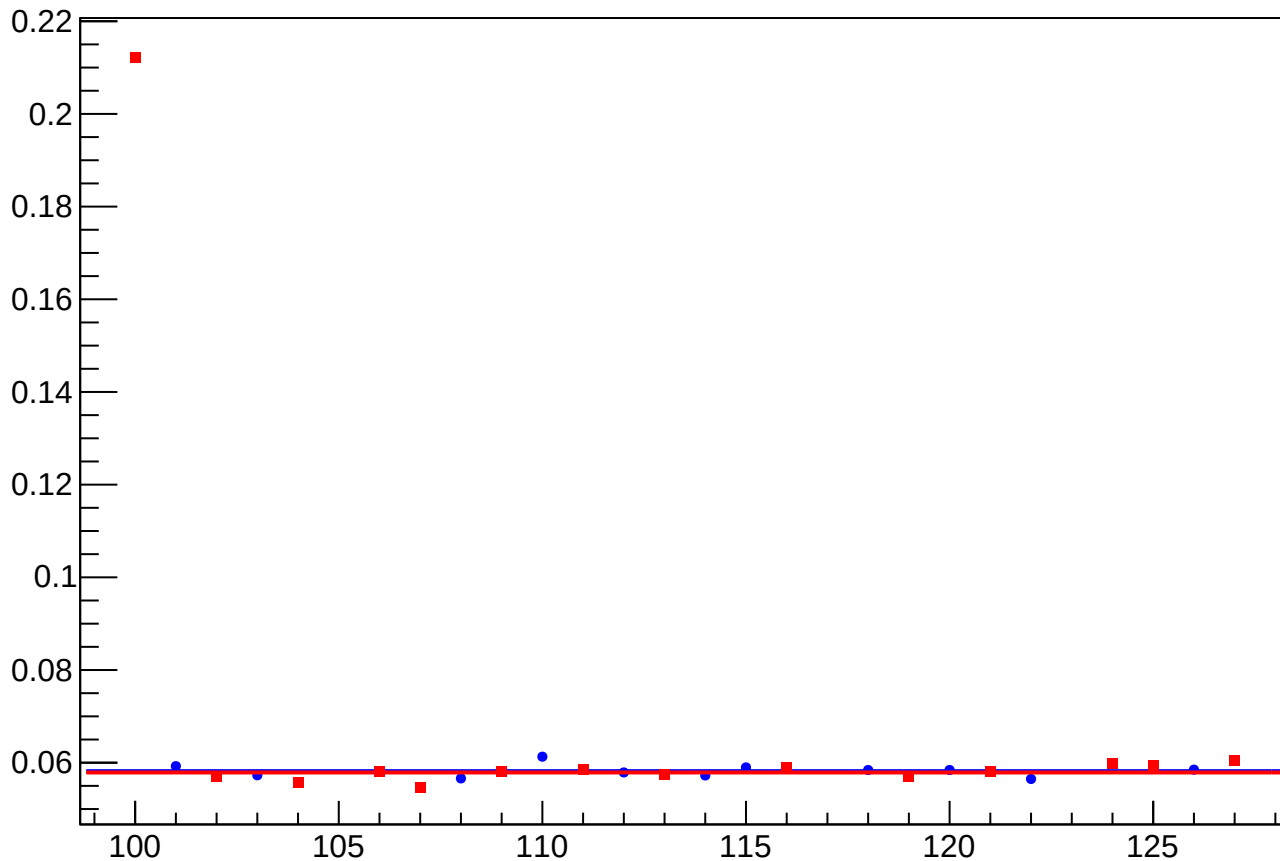
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.336+/-0.000 χ^2/NDF : 6323741572.2/13

- 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 : 4063.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.058+/-0.000 χ^2/NDF : 82932.3/13

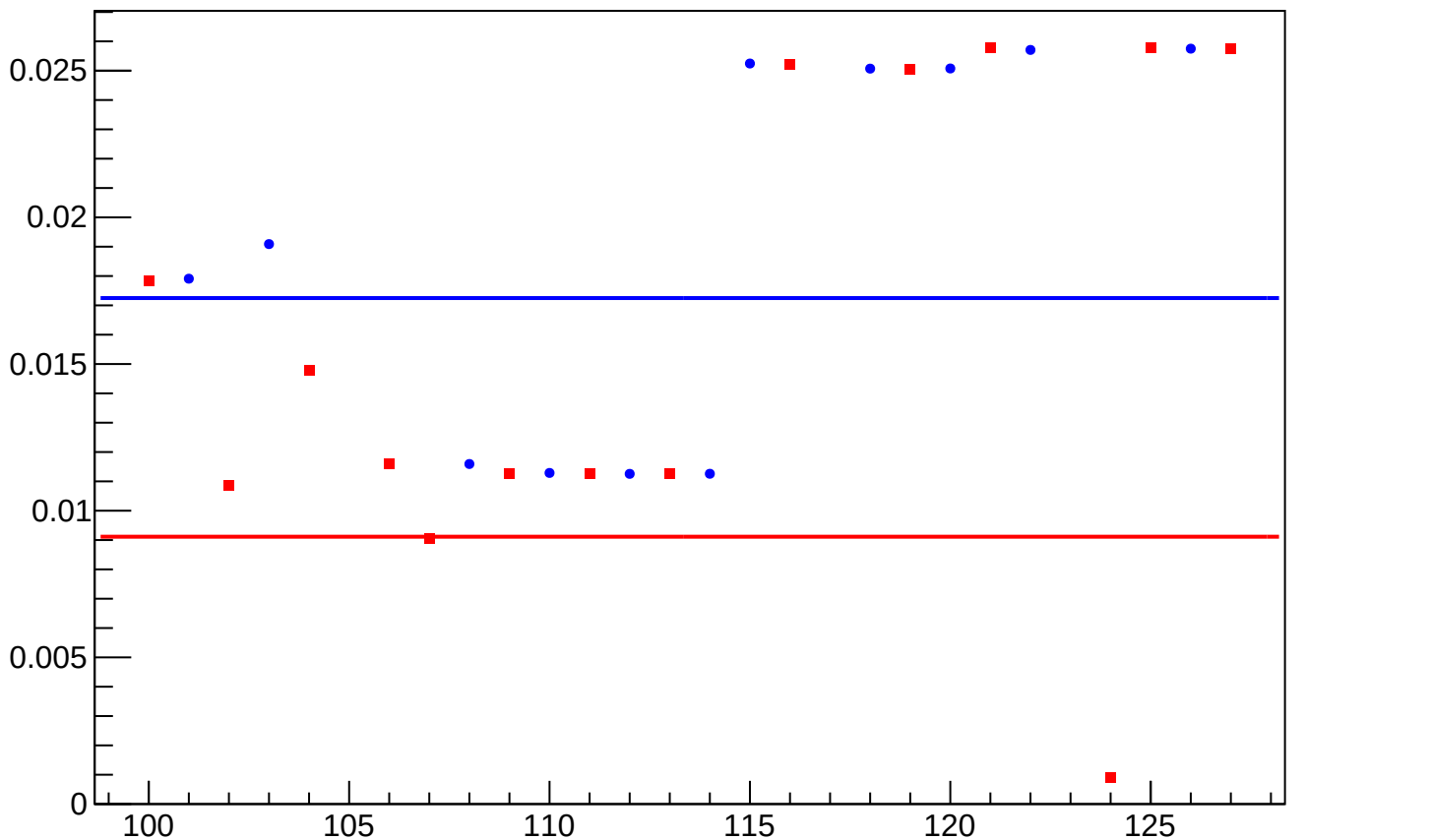
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.058+/-0.000 χ^2/NDF : 87109.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atl1_mean vs Slug



Right In: 0.017+/-0.000 χ^2/NDF : 39661648830.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 172129071447.3/13

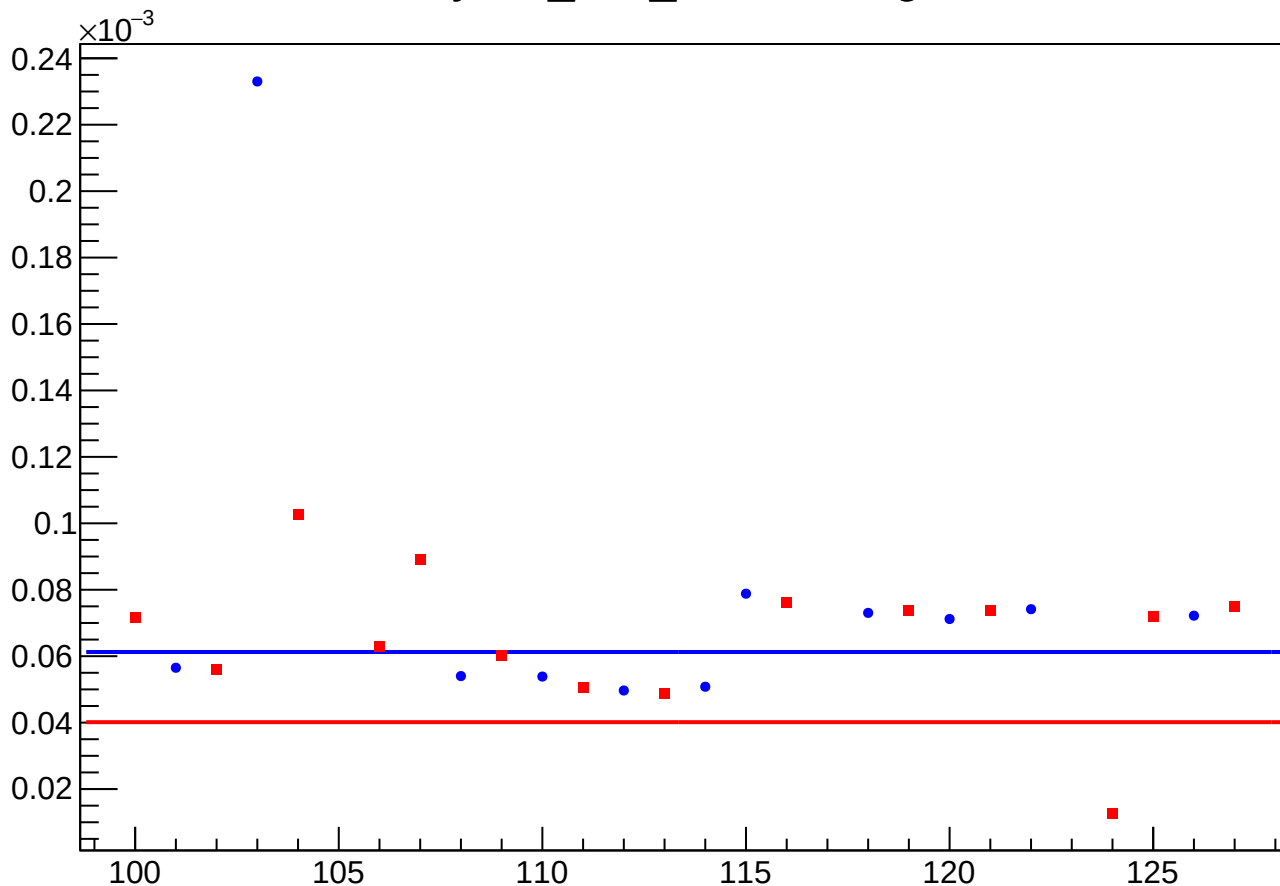
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 258352073498.3

- 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 : 723674.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3075416.4/13

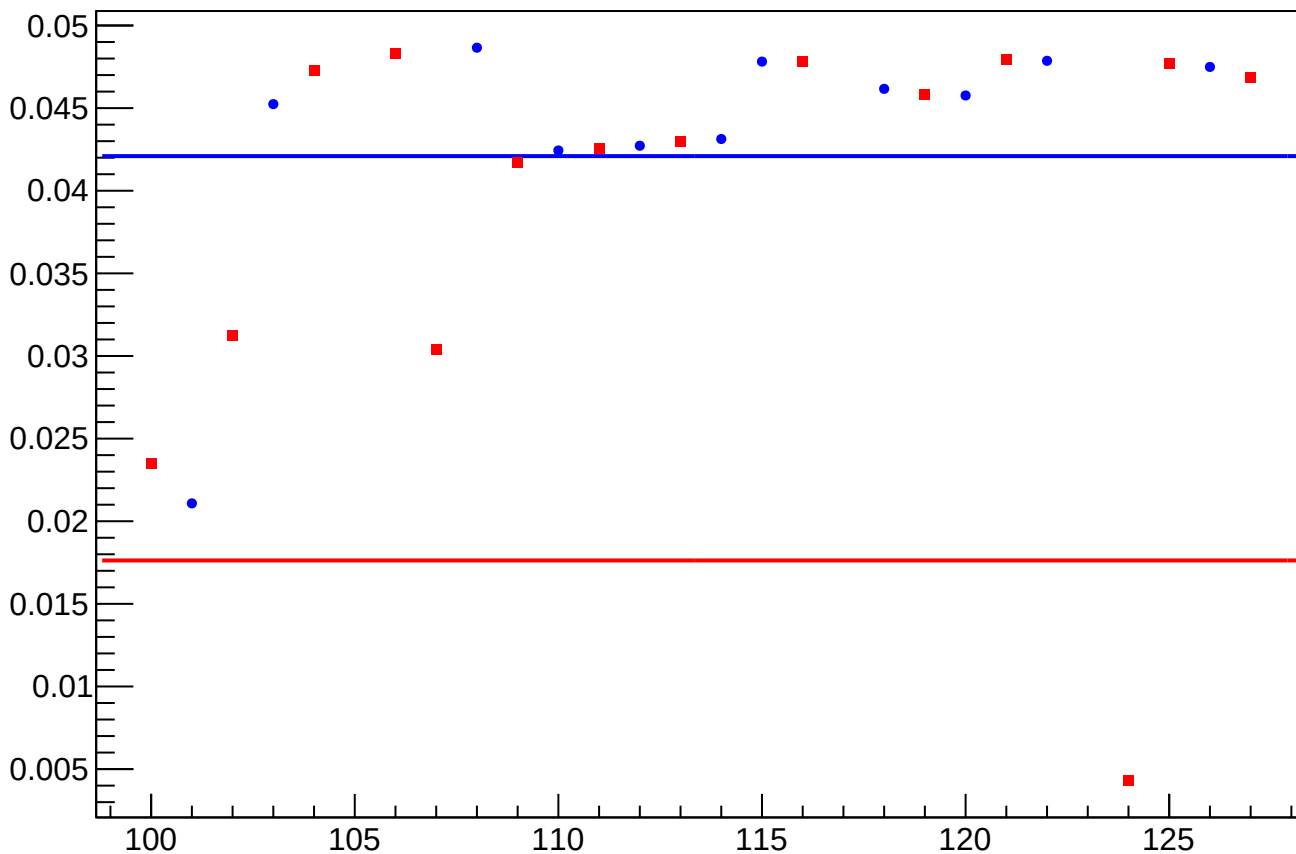
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4427116.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atl2_mean vs Slug



Right In: 0.042 $\pm$ 0.000 χ^2 /NDF: 2723054029.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.018 $\pm$ 0.000 χ^2 /NDF: 36574915388.8/13

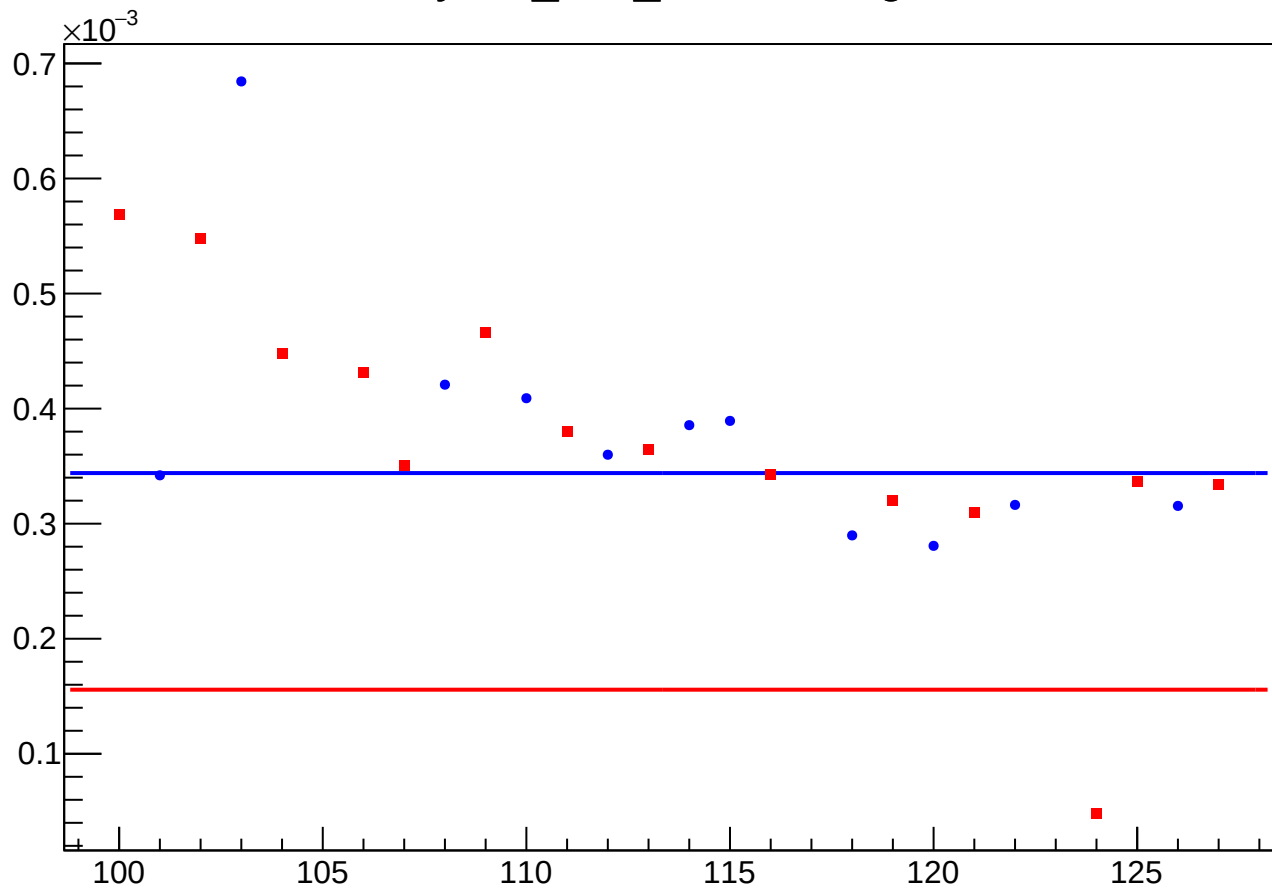
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.024 $\pm$ 0.000 χ^2 /NDF: 54060566753.7/2

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_atl2_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 402362.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 4939716.3/13

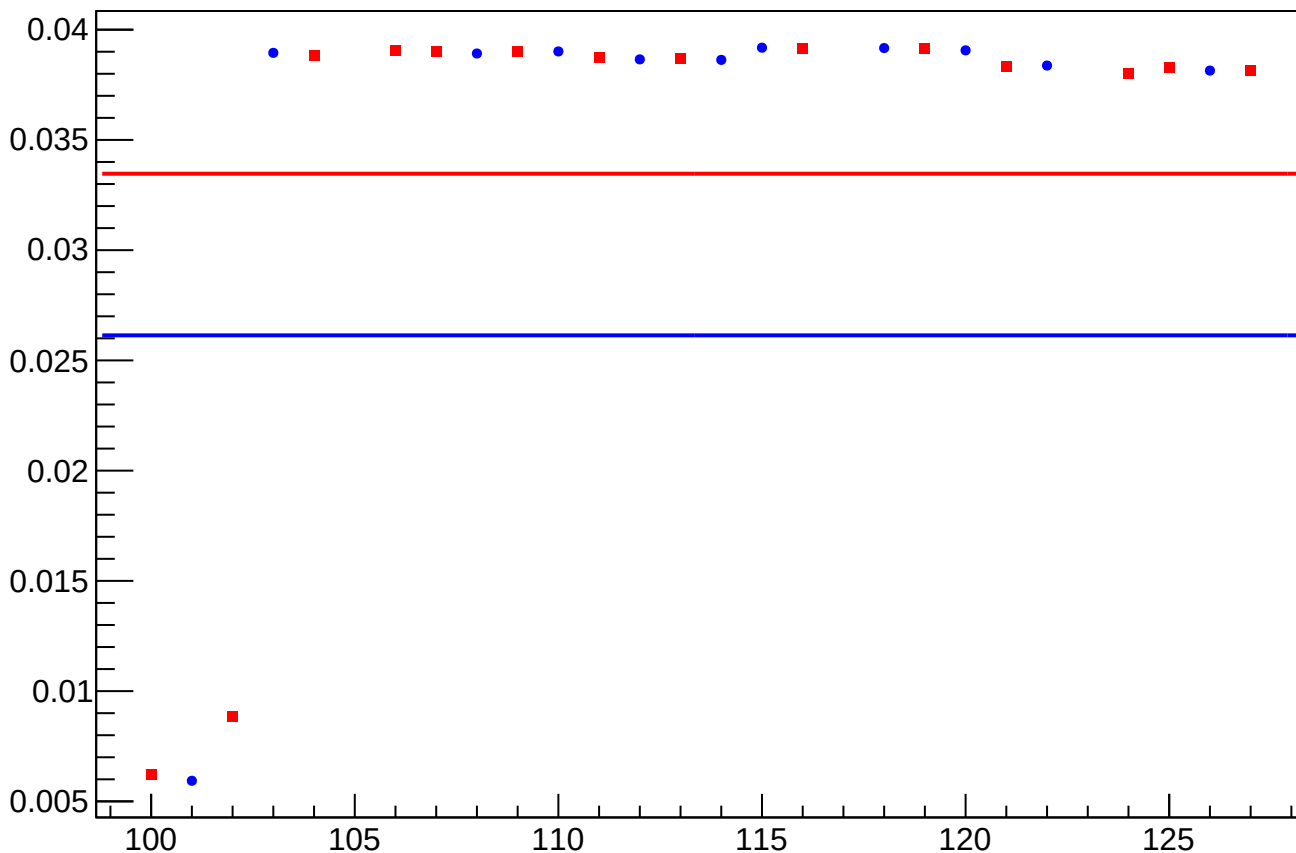
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 7090051.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_atr1_mean vs Slug



Right In: 0.026+/-0.000 χ^2/NDF : 90793262578.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.033+/-0.000 χ^2/NDF : 44735046429.8/13

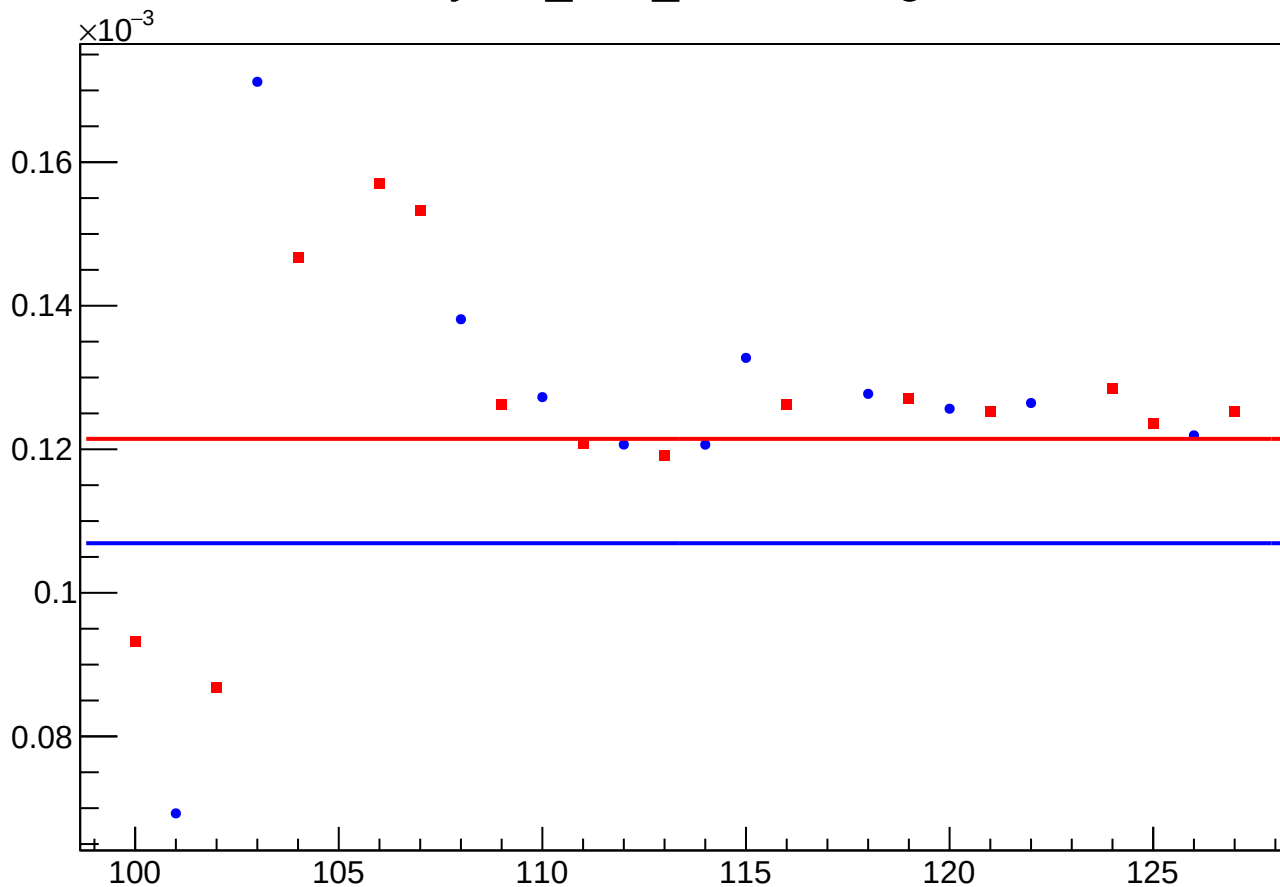
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.030+/-0.000 χ^2/NDF : 144876637064.5

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atr1_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 715358.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 222611.4/13

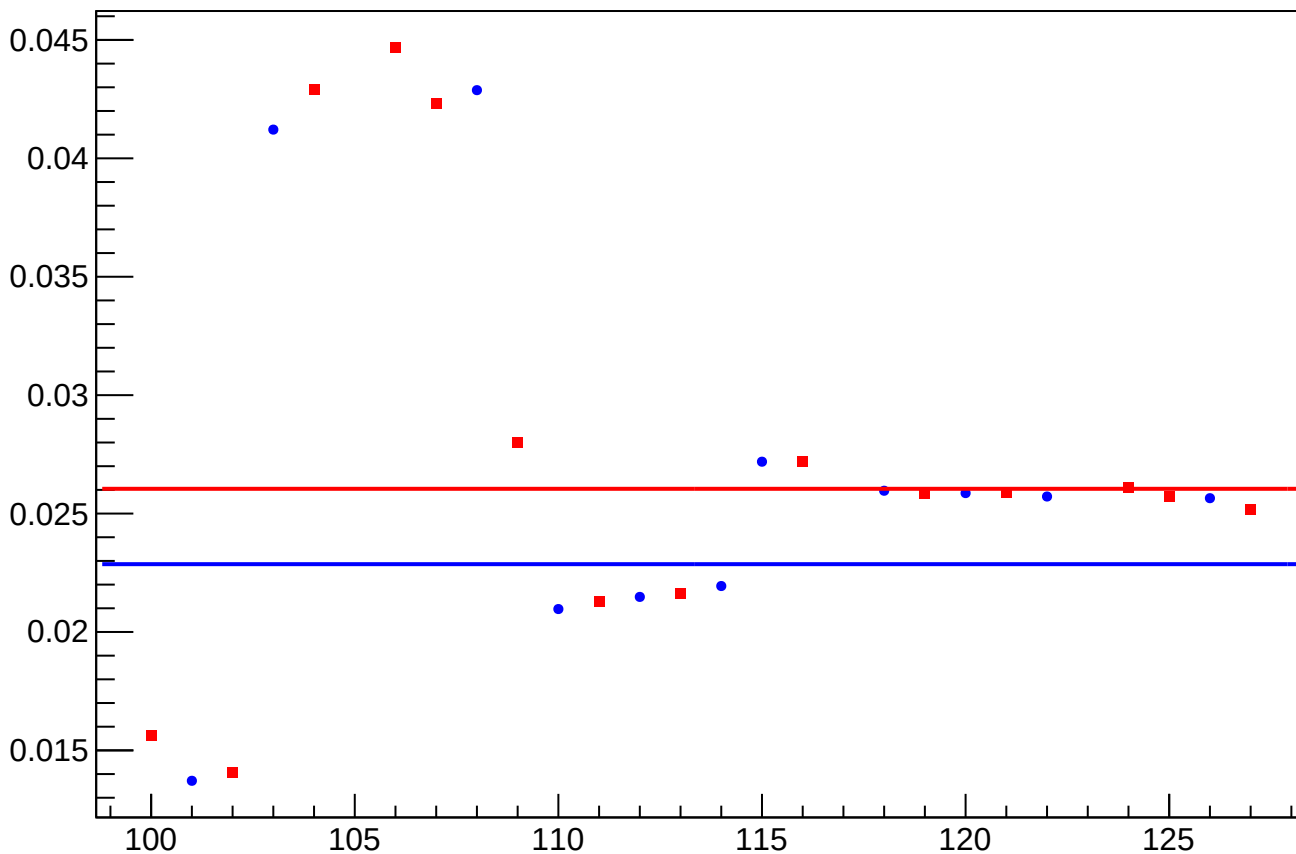
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1011493.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_atr2_mean vs Slug



Right In: 0.023+/-0.000 χ^2/NDF : 3447375029.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.026+/-0.000 χ^2/NDF : 3233385009.8/13

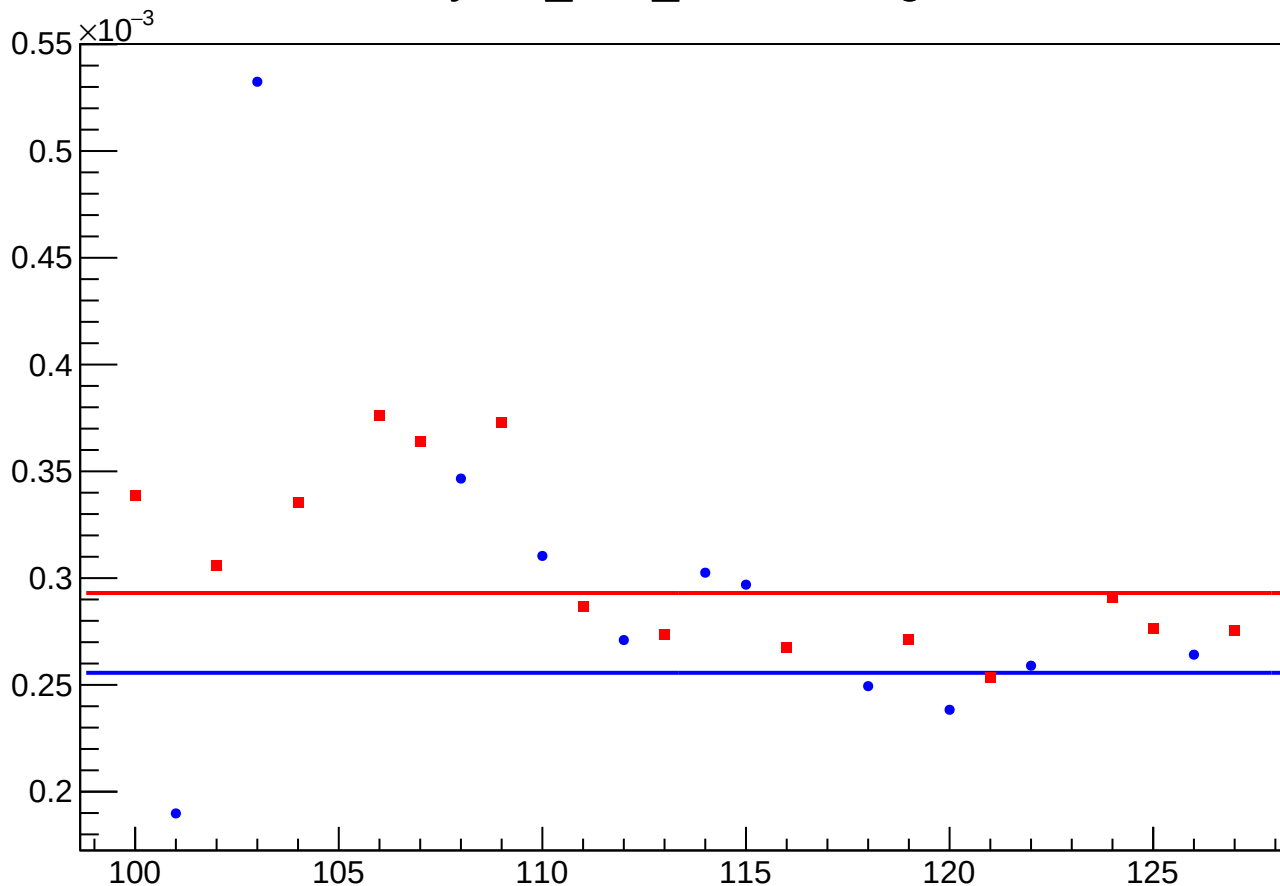
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.000 χ^2/NDF : 6968969568.7/24

- 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 : 529496.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 141951.4/13

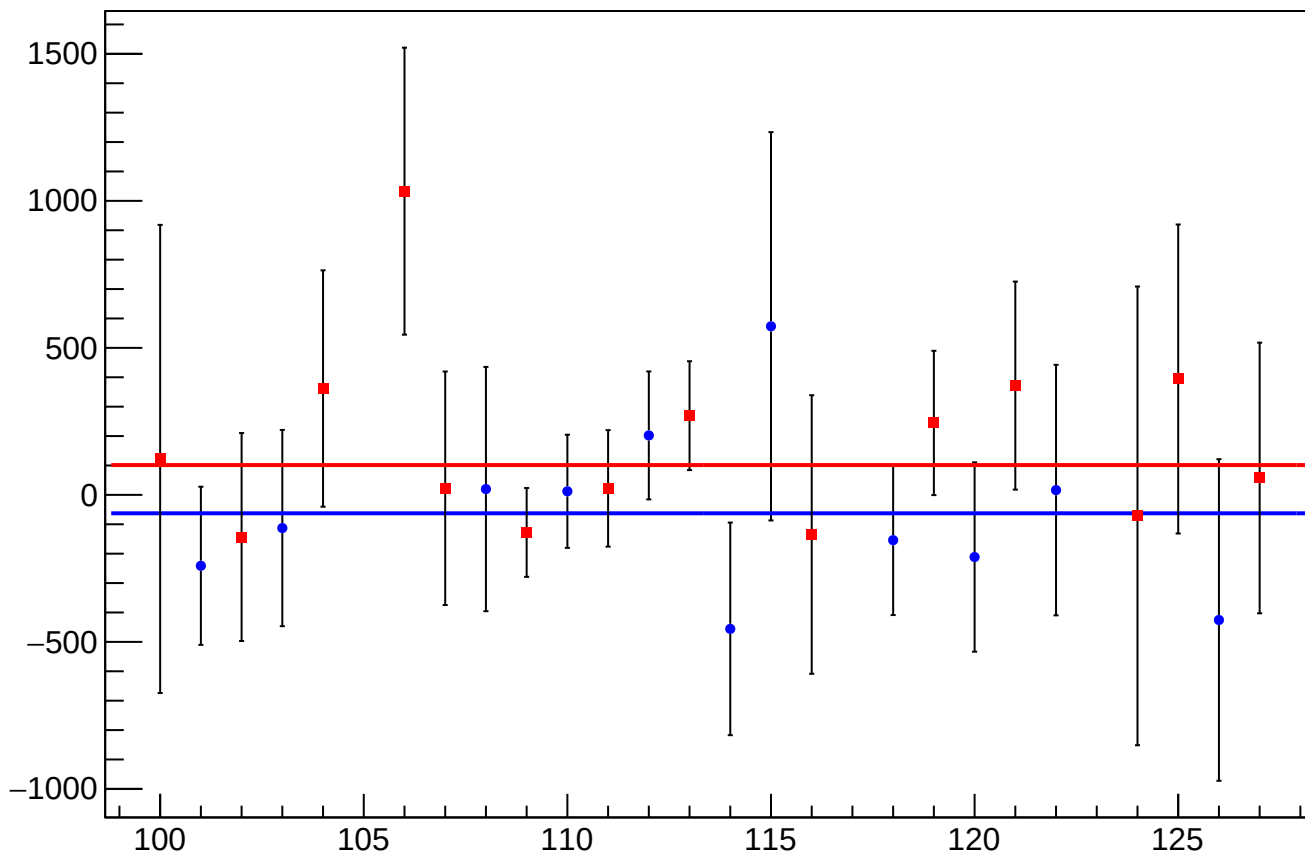
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 750933.4/24

- 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: -62.653+/-91.061 χ^2/NDF : 5.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.360+/-78.135 χ^2/NDF : 9.4/13

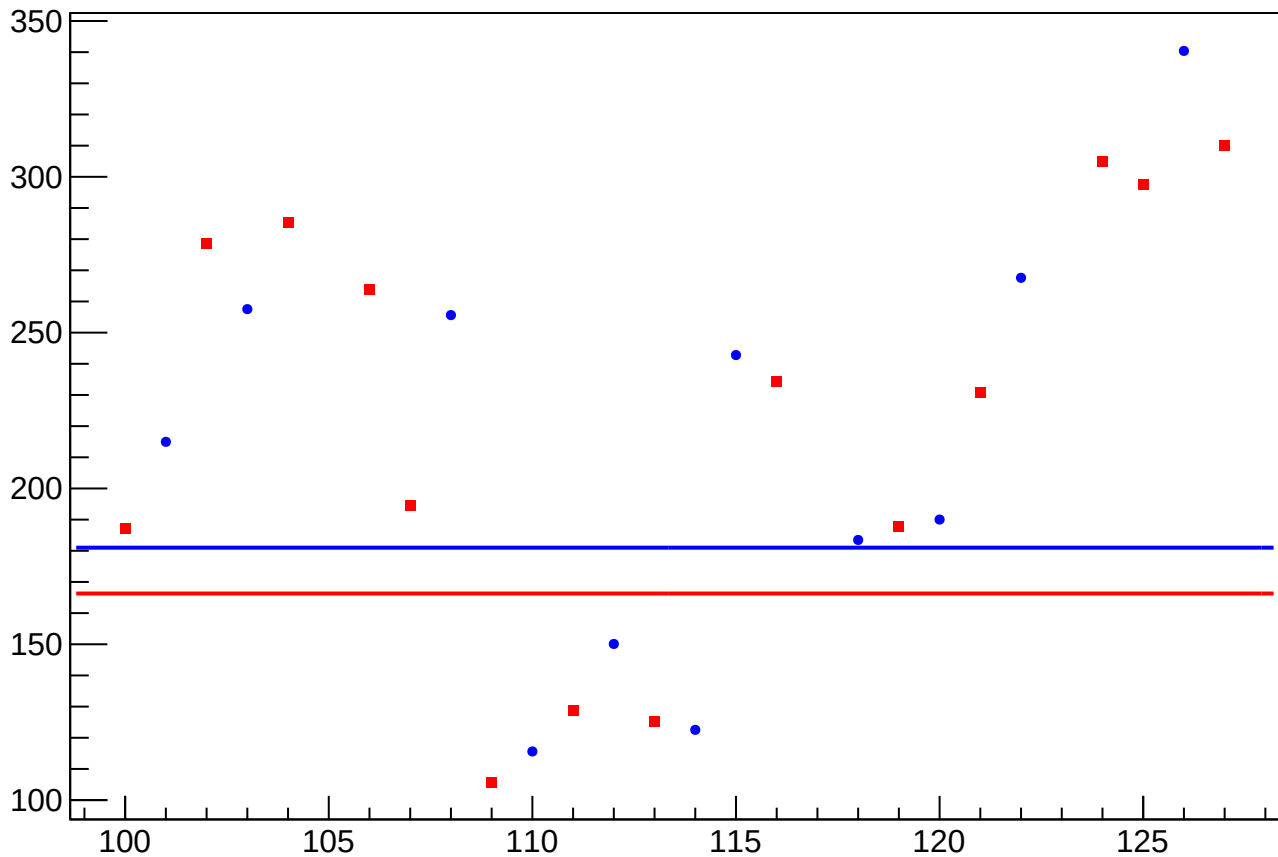
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.811+/-59.298 χ^2/NDF : 16.3/24

- 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: 181.000+/-0.064 χ^2/NDF : 797049.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 166.285+/-0.055 χ^2/NDF : 1467455.6/13

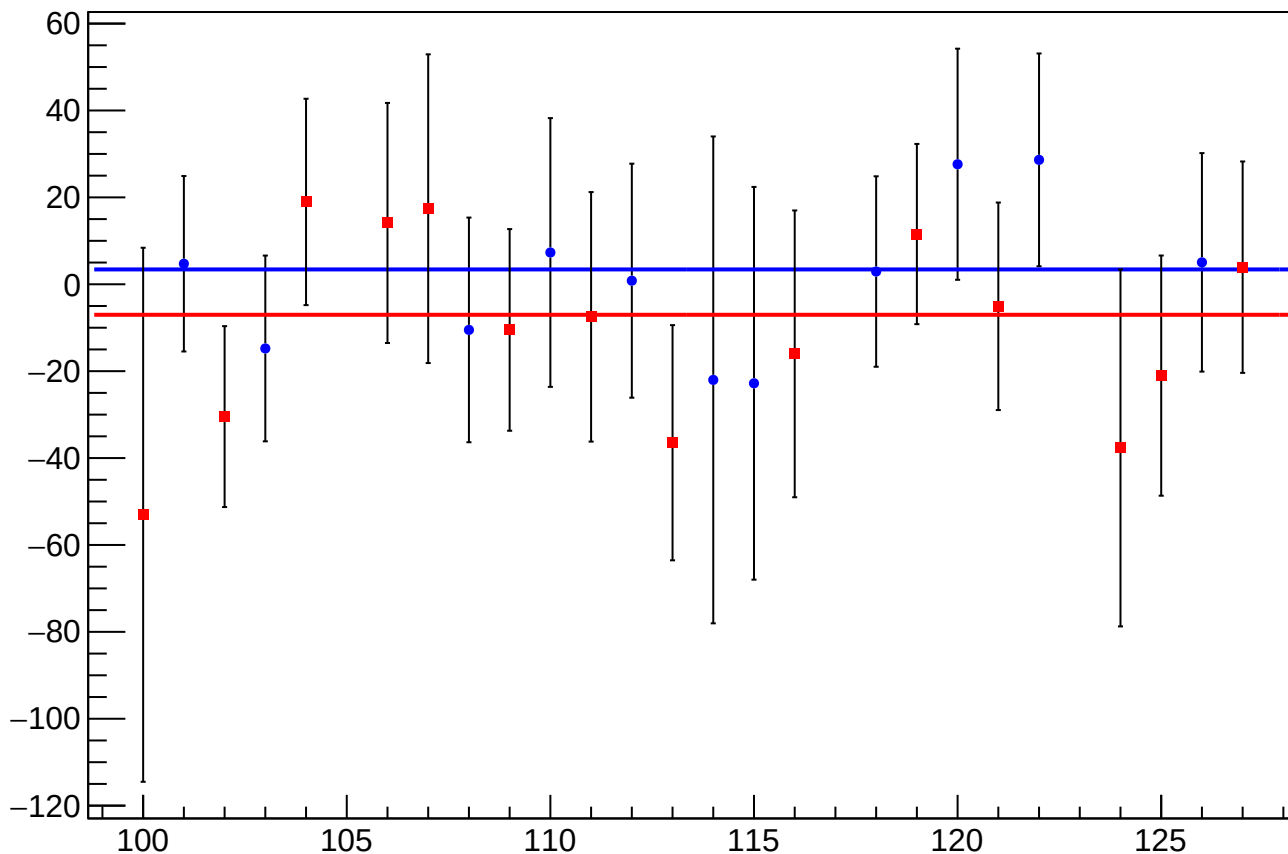
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.525+/-0.042 χ^2/NDF : 2294586.4/24

- 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: 3.415+/-7.878 χ^2/NDF : 3.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.023+/-7.167 χ^2/NDF : 7.2/13

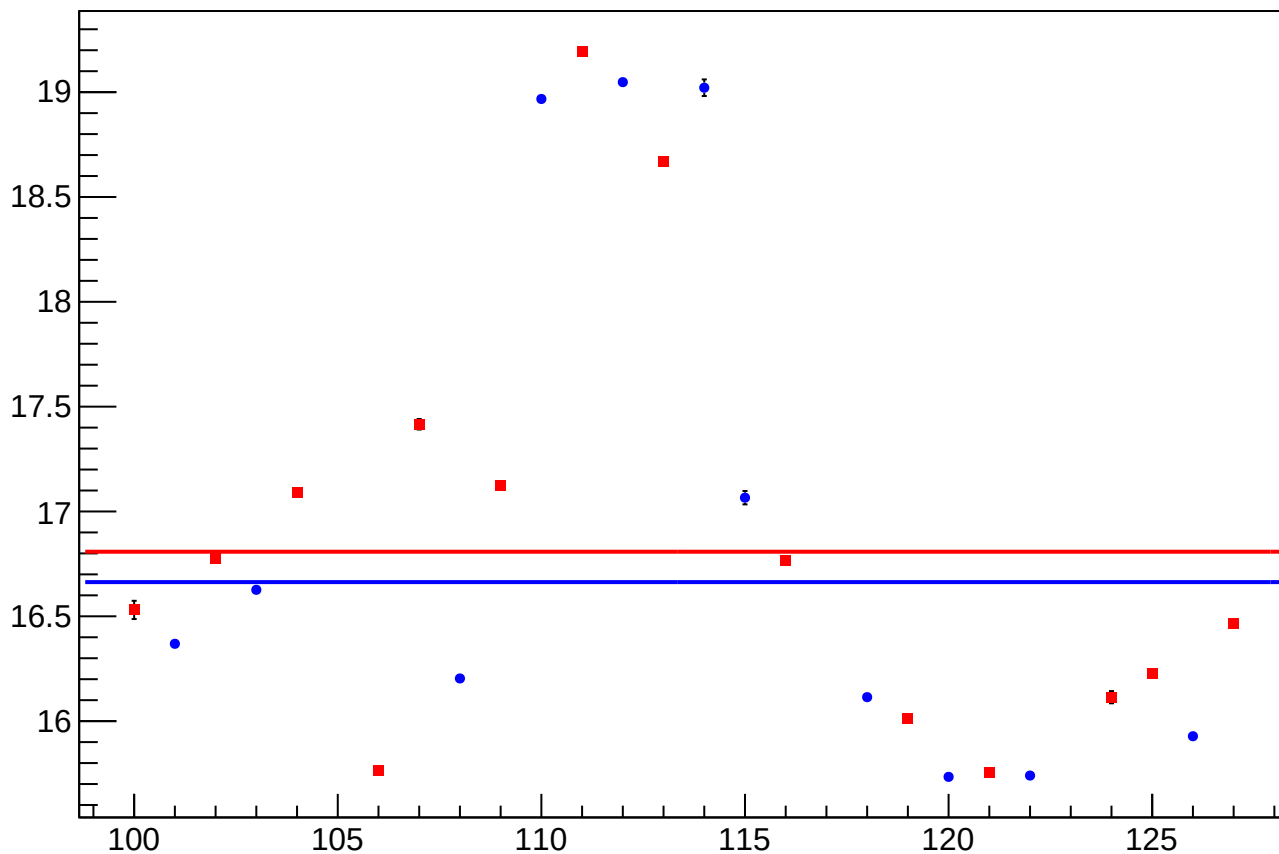
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.296+/-5.301 χ^2/NDF : 11.6/24

- 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: 16.663+/-0.006 χ^2/NDF : 39788.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.808+/-0.005 χ^2/NDF : 36052.3/13

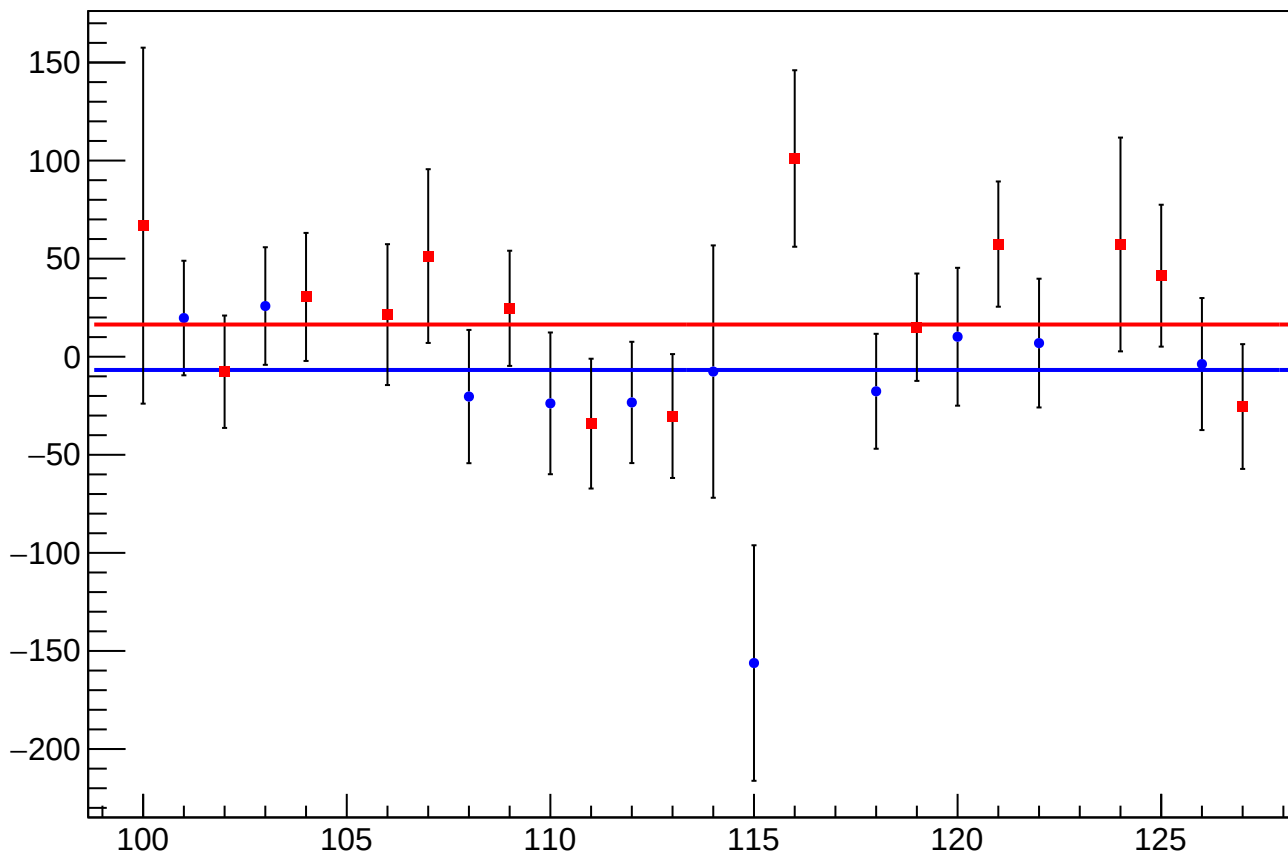
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.742+/-0.004 χ^2/NDF : 76211.6/24

- 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: -6.752+/-10.387 χ^2/NDF : 9.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.417+/-9.309 χ^2/NDF : 14.4/13

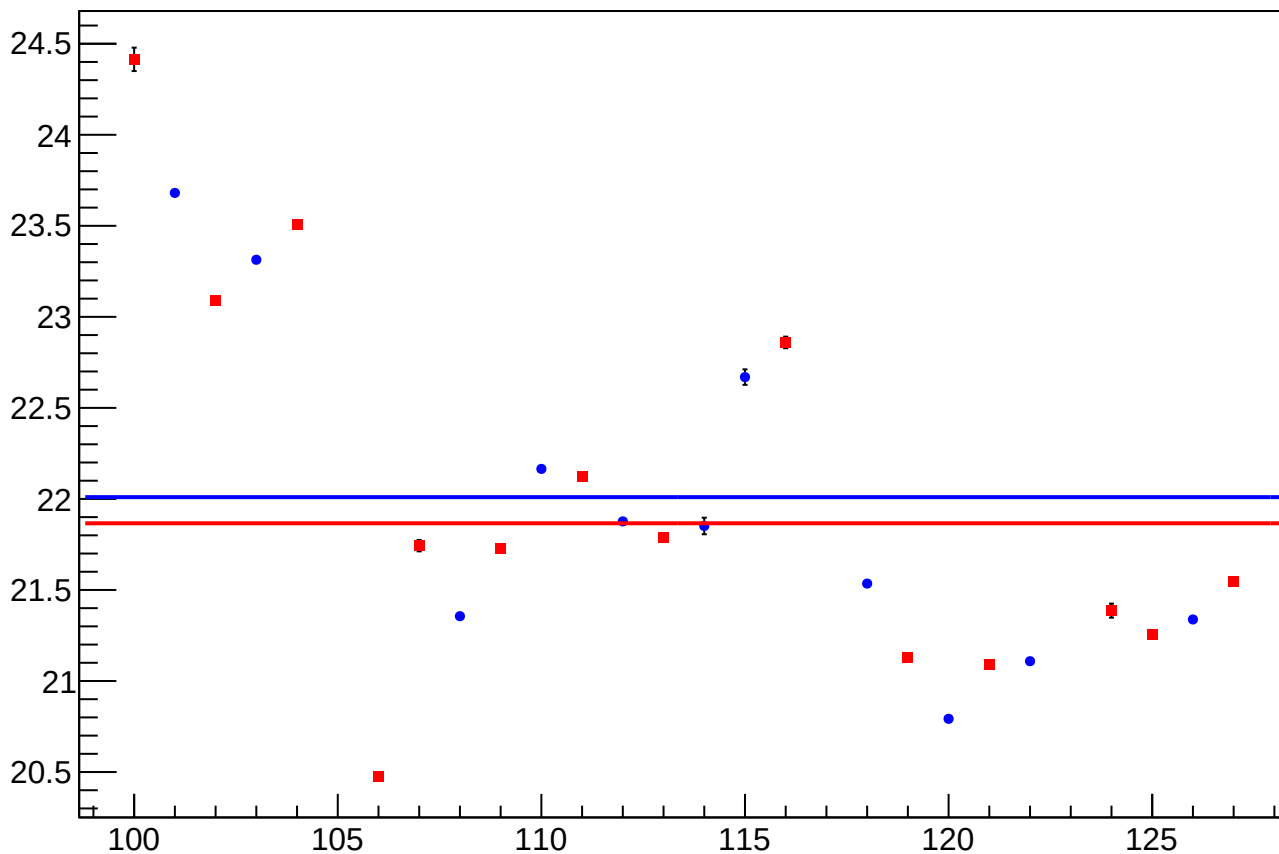
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.097+/-6.932 χ^2/NDF : 26.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug



Right In: 22.010 $\pm$ 0.007 χ^2 /NDF: 16631.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.866 $\pm$ 0.007 χ^2 /NDF: 18021.4/13

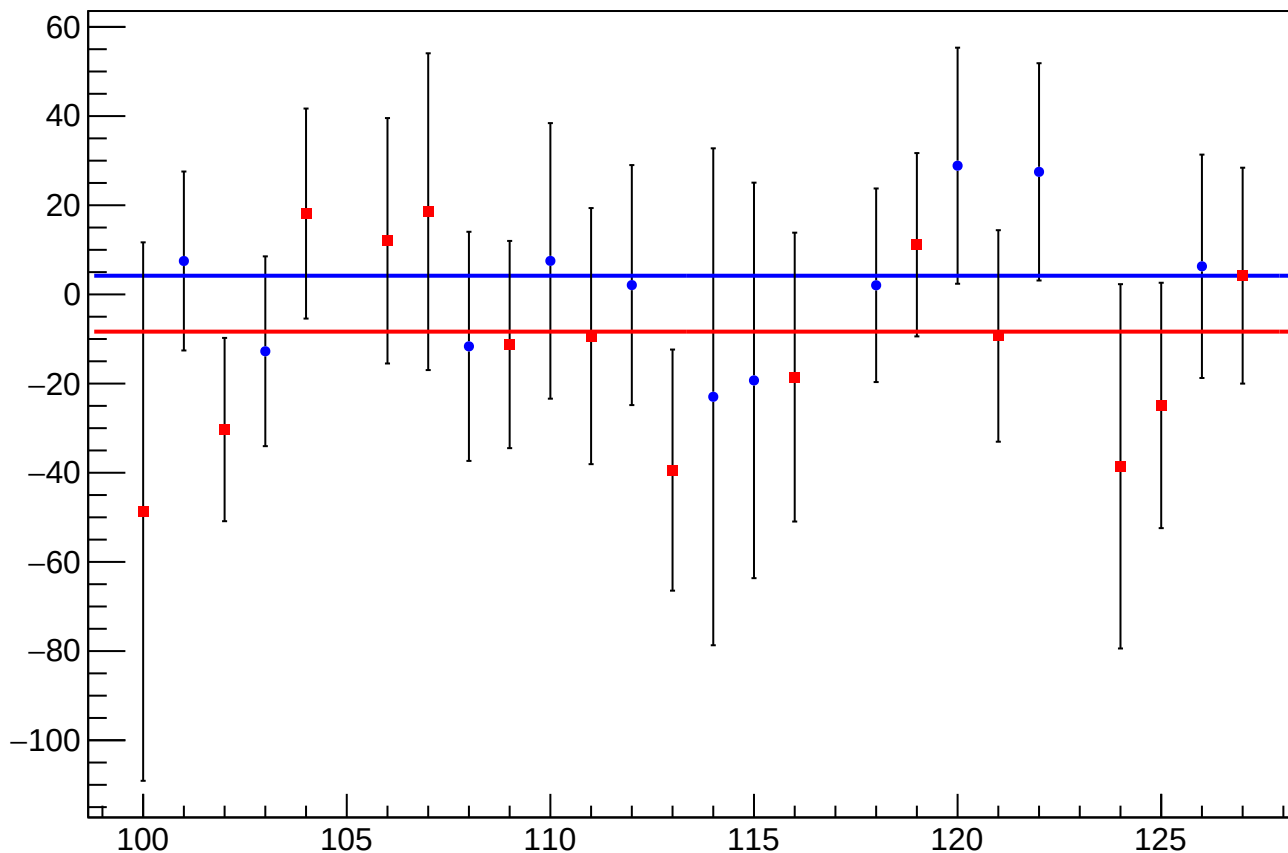
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.930 $\pm$ 0.005 χ^2 /NDF: 34864.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug



Right In: 4.192 ± 7.836 χ^2/NDF : 3.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.349 ± 7.123 χ^2/NDF : 7.5/13

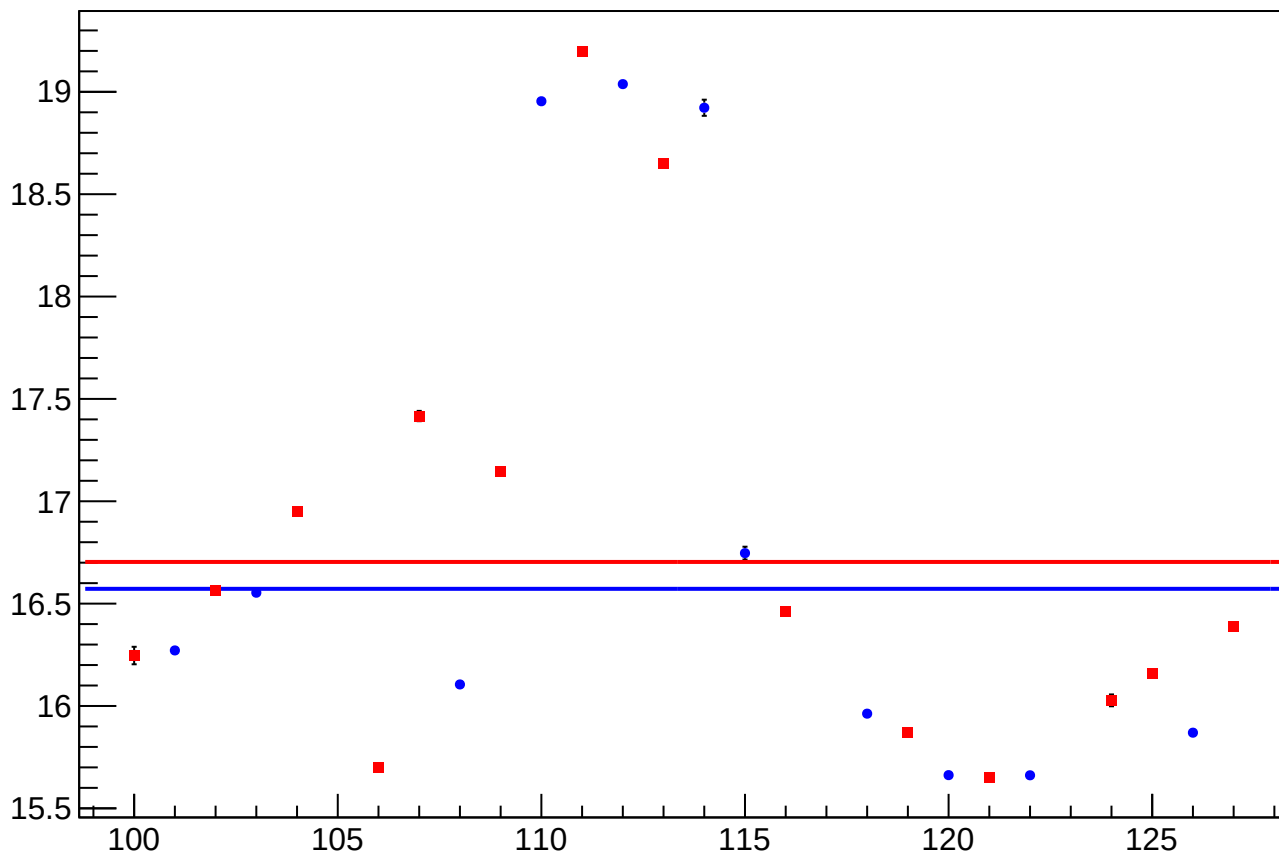
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.675 ± 5.271 χ^2/NDF : 12.3/24

- 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: 16.572+/-0.006 χ^2/NDF : 41665.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.704+/-0.005 χ^2/NDF : 39038.4/13

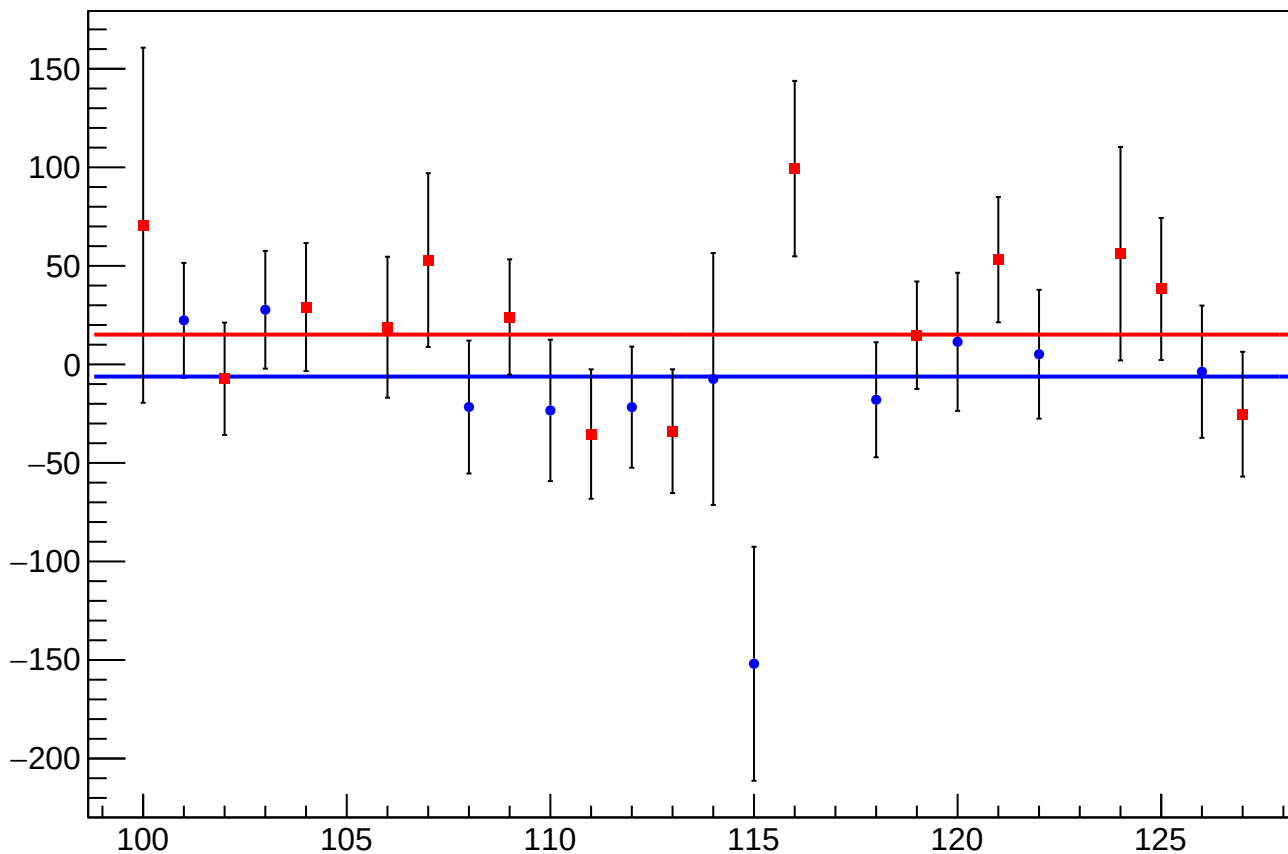
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.644+/-0.004 χ^2/NDF : 81011.3/24

- 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: -6.179+/-10.339 χ^2/NDF : 9.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.131+/-9.264 χ^2/NDF : 14.4/13

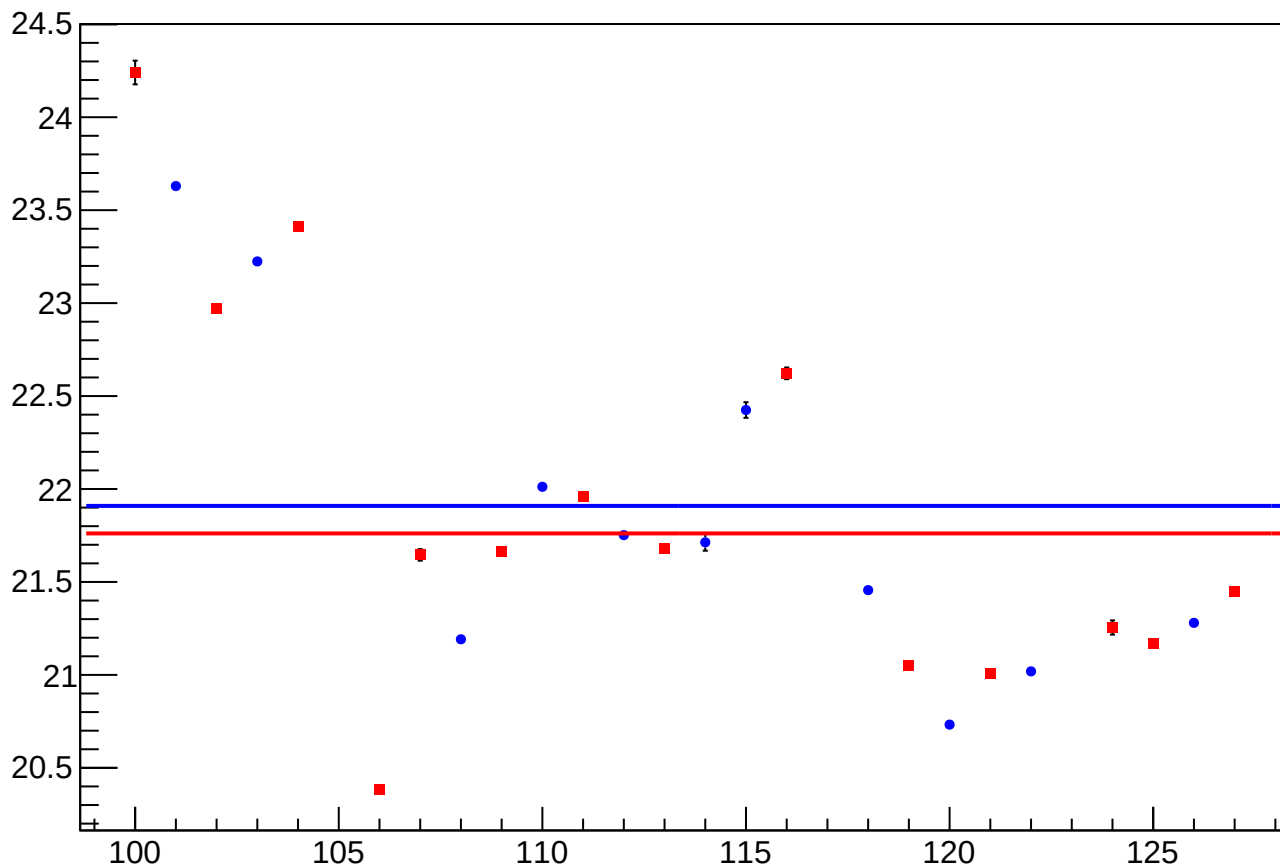
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.642+/-6.899 χ^2/NDF : 26.3/24

- 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: 21.909+/-0.007 χ^2/NDF : 16918.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.761+/-0.007 χ^2/NDF : 17525.2/13

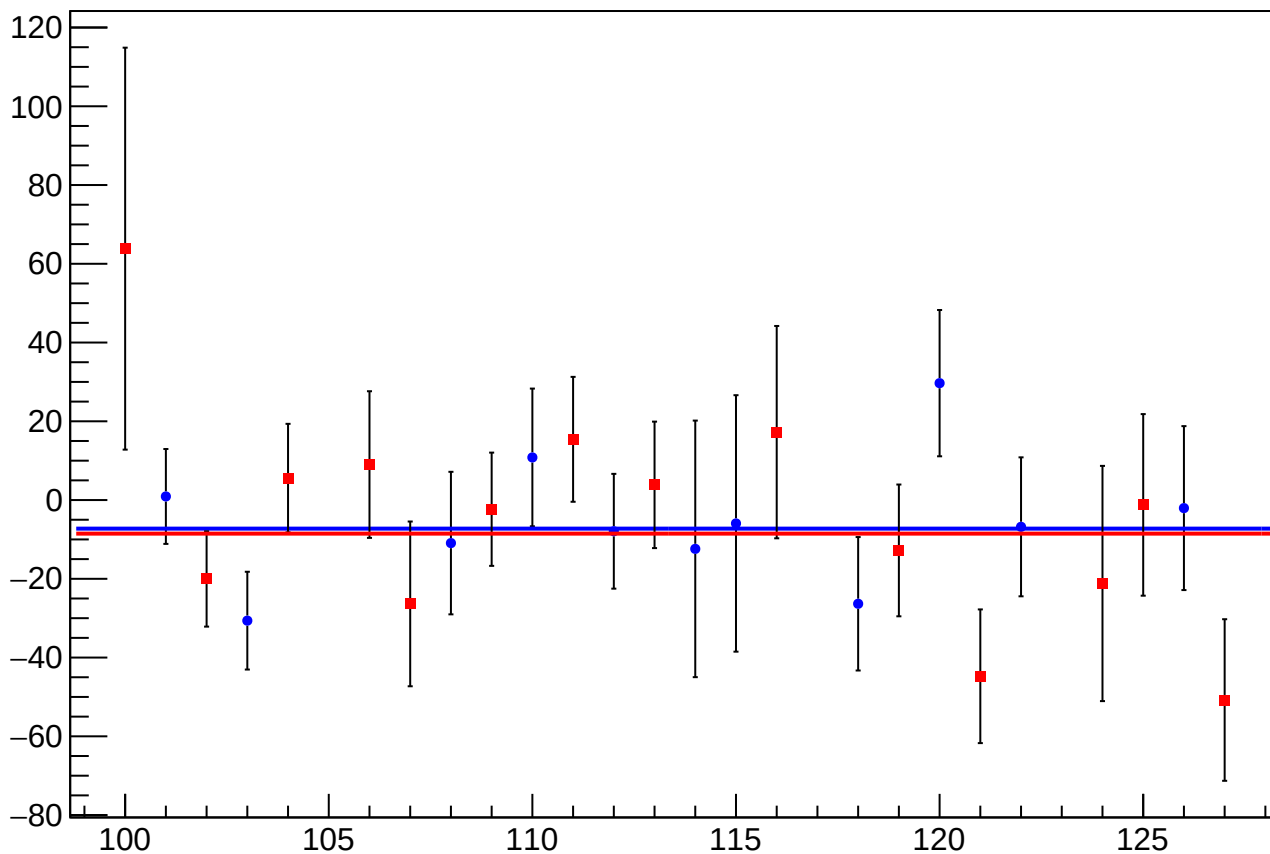
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.827+/-0.005 χ^2/NDF : 34671.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug



Right In: -7.258+/-5.117 χ^2/NDF : 10.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.525+/-4.760 χ^2/NDF : 18.7/13

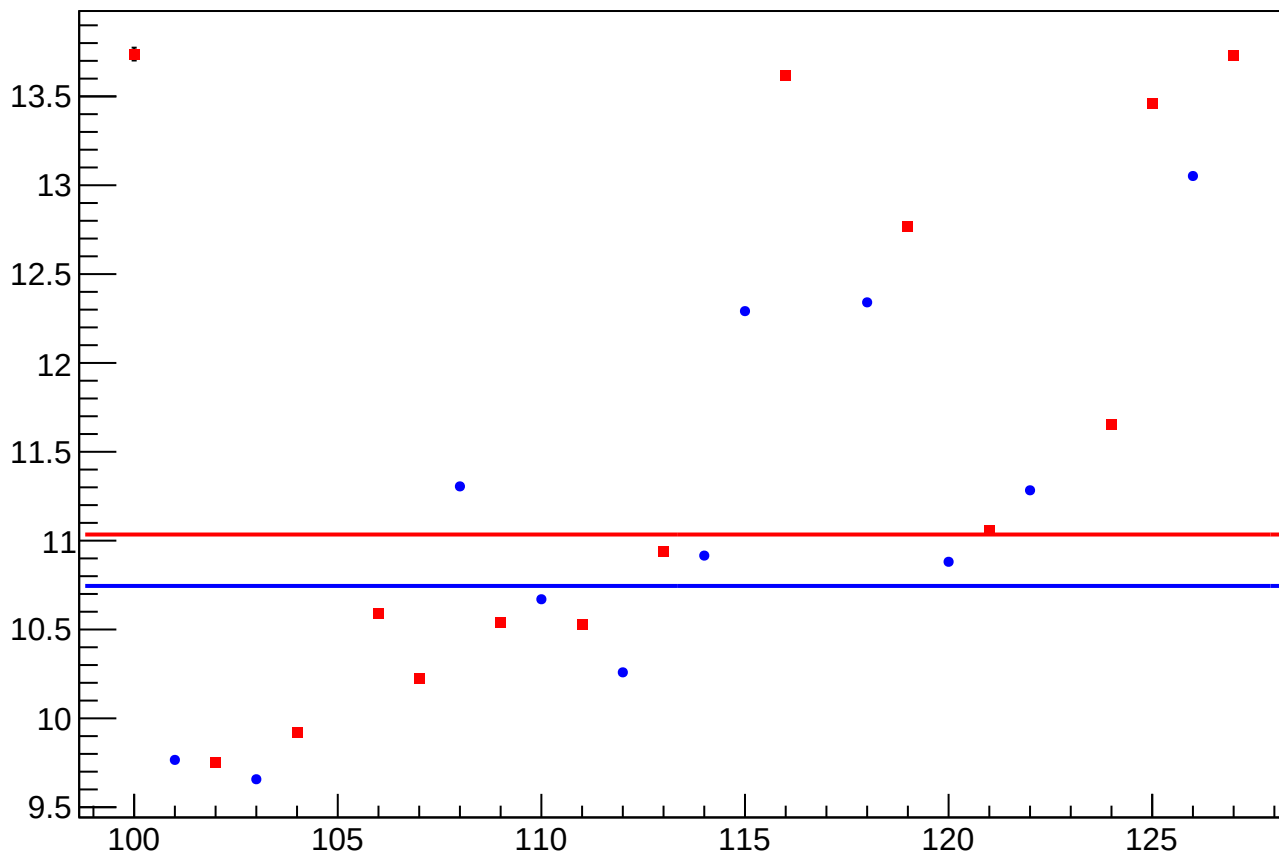
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.937+/-3.485 χ^2/NDF : 29.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug



Right In: 10.745+/-0.004 χ^2/NDF : 81567.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.035+/-0.003 χ^2/NDF : 147130.9/13

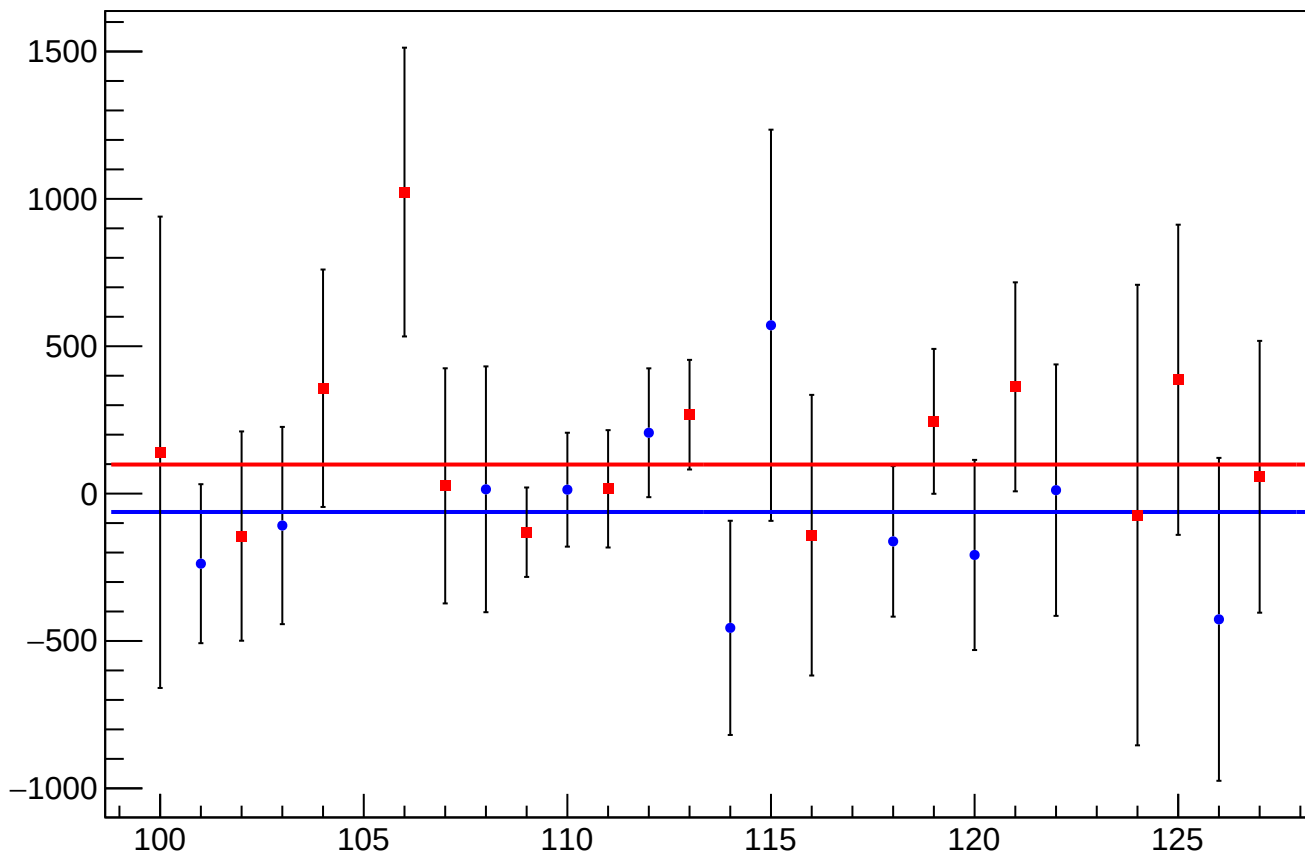
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.900+/-0.002 χ^2/NDF : 232127.0/24

- 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: -62.369+/-91.379 χ^2/NDF : 5.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.624+/-78.430 χ^2/NDF : 9.3/13

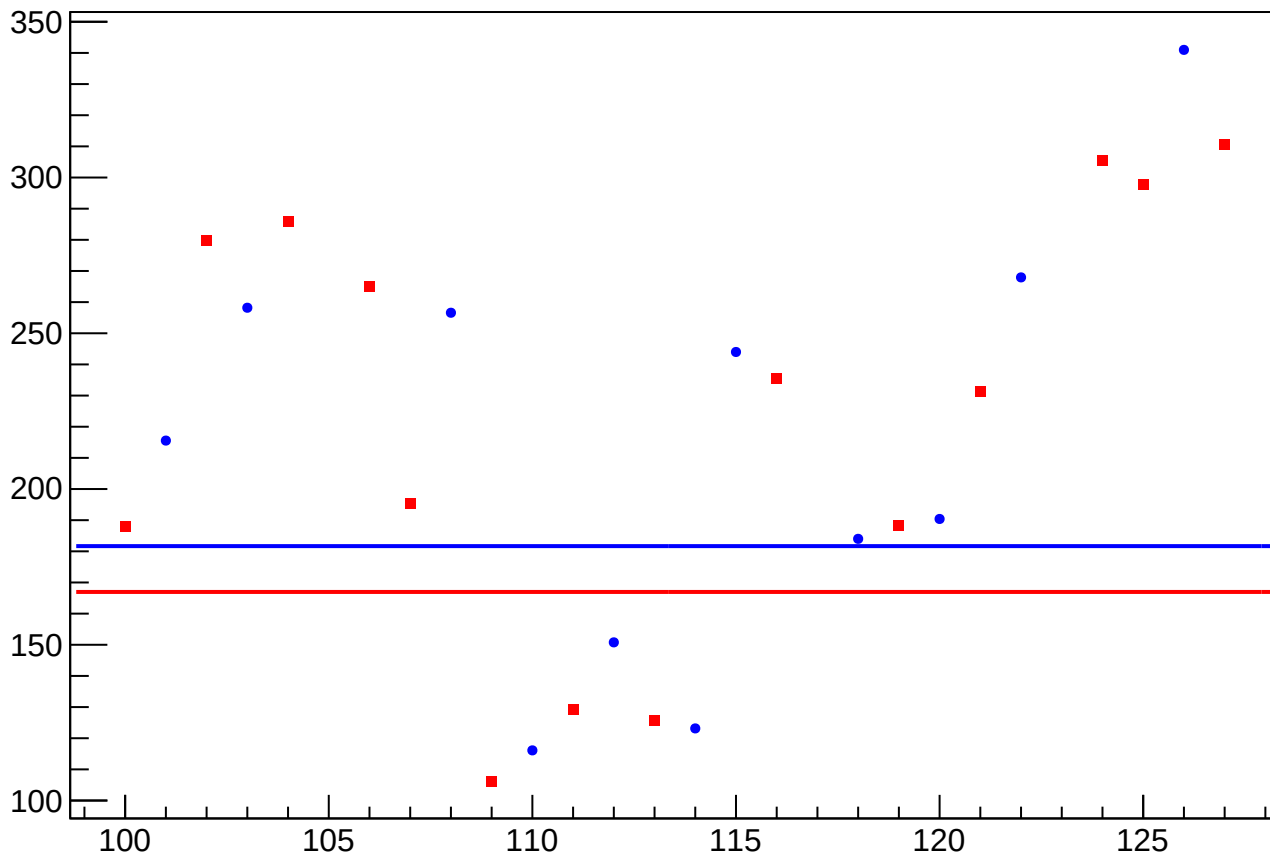
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.333+/-59.514 χ^2/NDF : 16.1/24

- 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: 181.672+/-0.065 χ^2/NDF : 793061.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 166.961+/-0.055 χ^2/NDF : 1461917.1/13

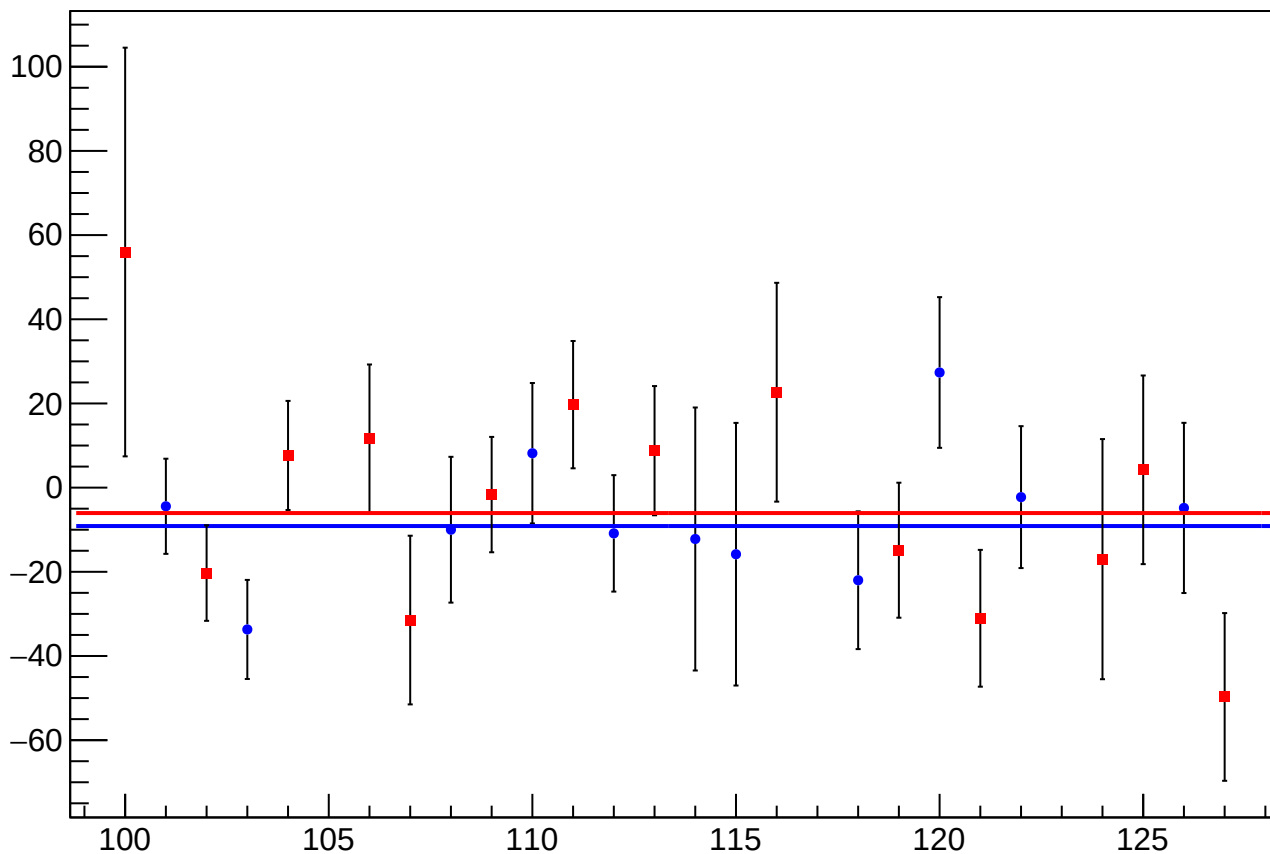
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.201+/-0.042 χ^2/NDF : 2284826.1/24

- 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: -9.127+/-4.875 χ^2/NDF : 10.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.041+/-4.532 χ^2/NDF : 19.9/13

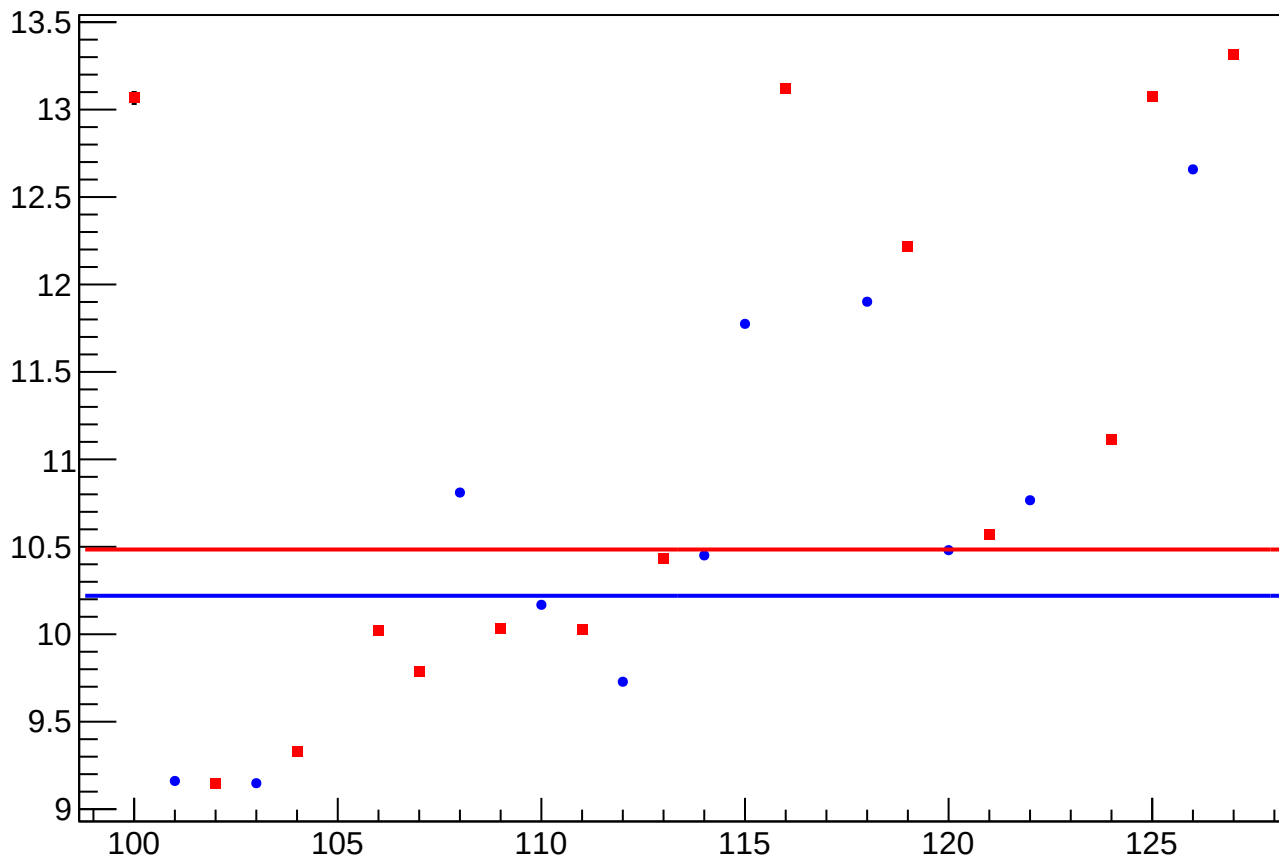
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.471+/-3.319 χ^2/NDF : 30.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug



Right In: 10.220 $\pm$ 0.003 χ^2 /NDF: 96808.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.485 $\pm$ 0.003 χ^2 /NDF: 169216.2/13

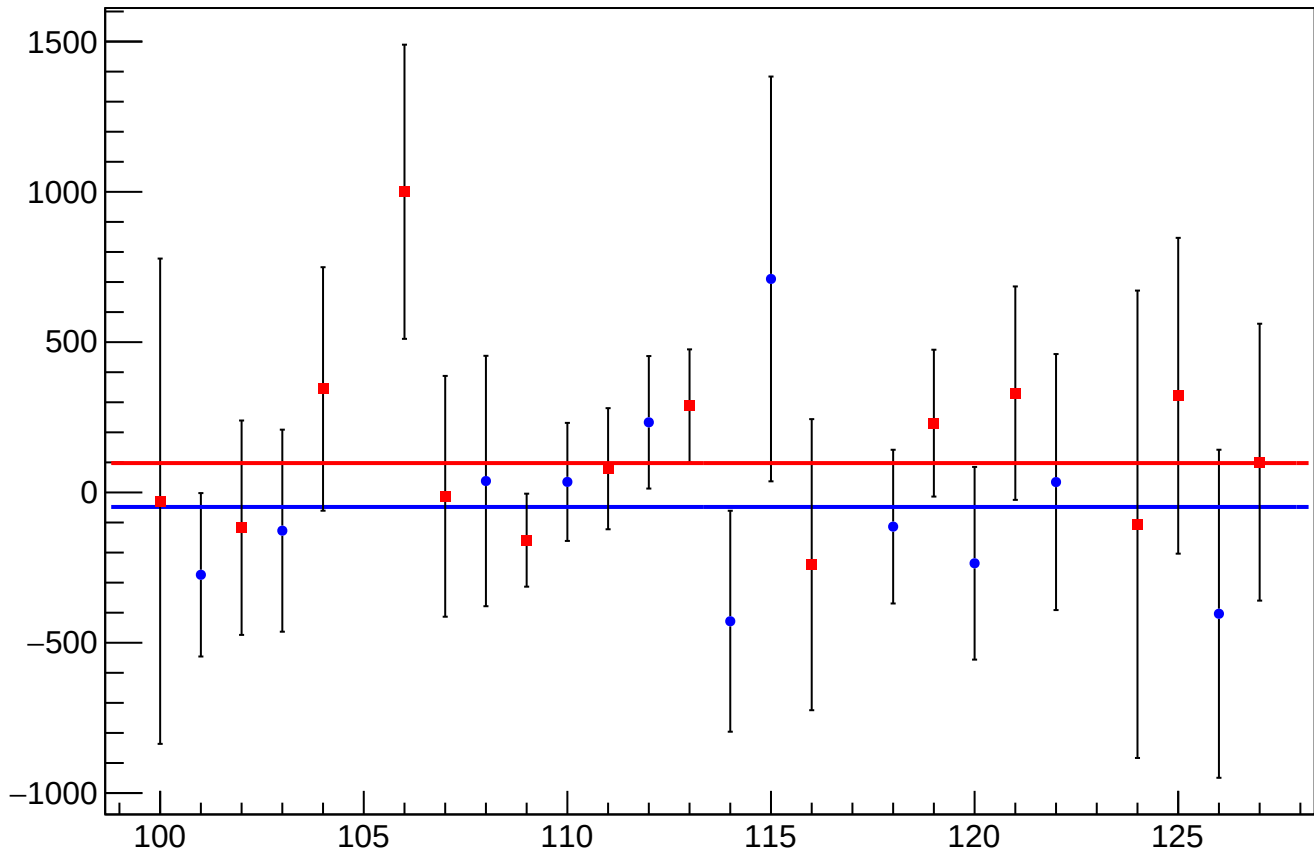
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.362 $\pm$ 0.002 χ^2 /NDF: 269184.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug



Right In: -48.250+/-91.985 χ^2/NDF : 5.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.722+/-79.176 χ^2/NDF : 9.5/13

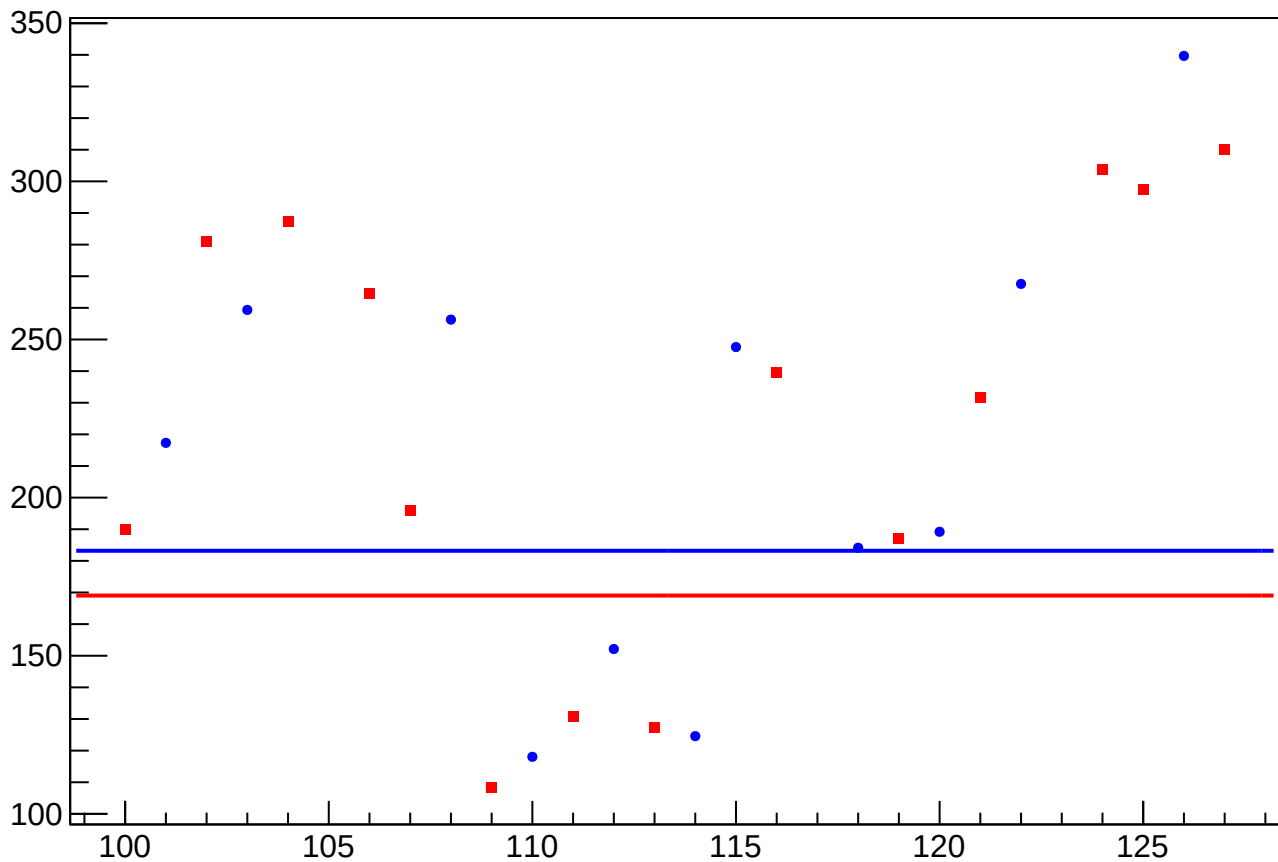
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.599+/-60.008 χ^2/NDF : 16.7/24

- 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: 183.196+/-0.065 χ^2/NDF : 768645.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.038+/-0.056 χ^2/NDF : 1416190.6/13

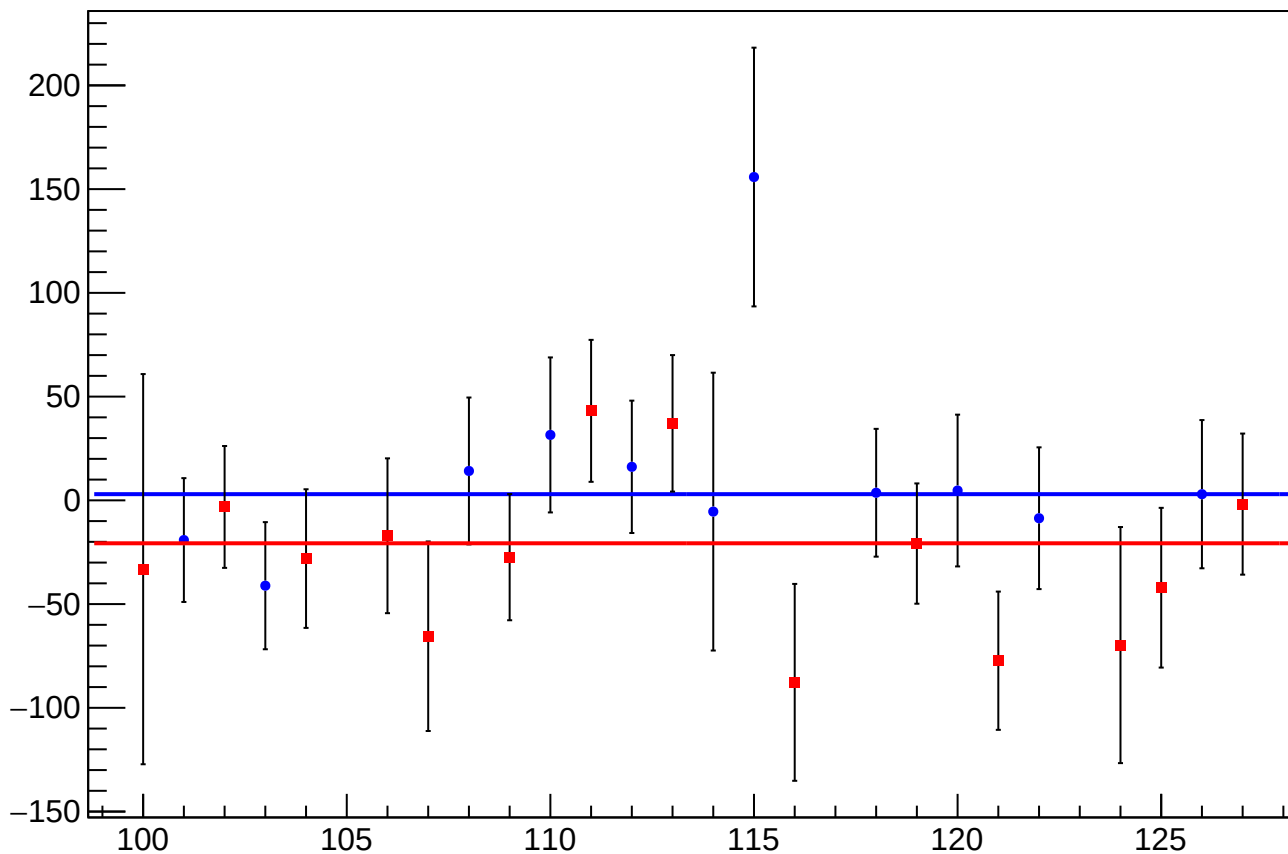
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.064+/-0.042 χ^2/NDF : 2212053.2/24

- 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: 2.981+/-10.778 χ^2/NDF : 9.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.697+/-9.709 χ^2/NDF : 14.3/13

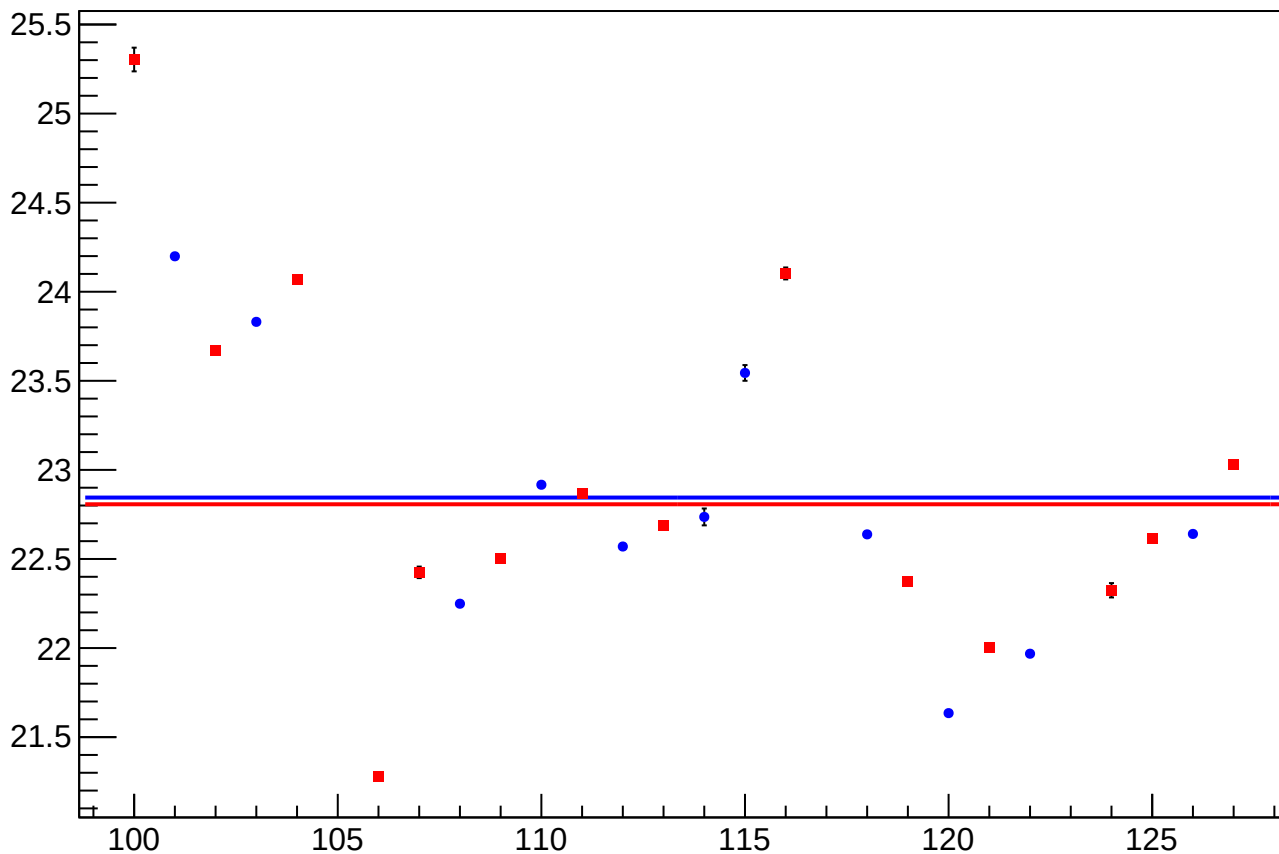
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.091+/-7.214 χ^2/NDF : 26.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug



Right In: 22.845+/-0.008 χ^2/NDF : 10831.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.807+/-0.007 χ^2/NDF : 13077.9/13

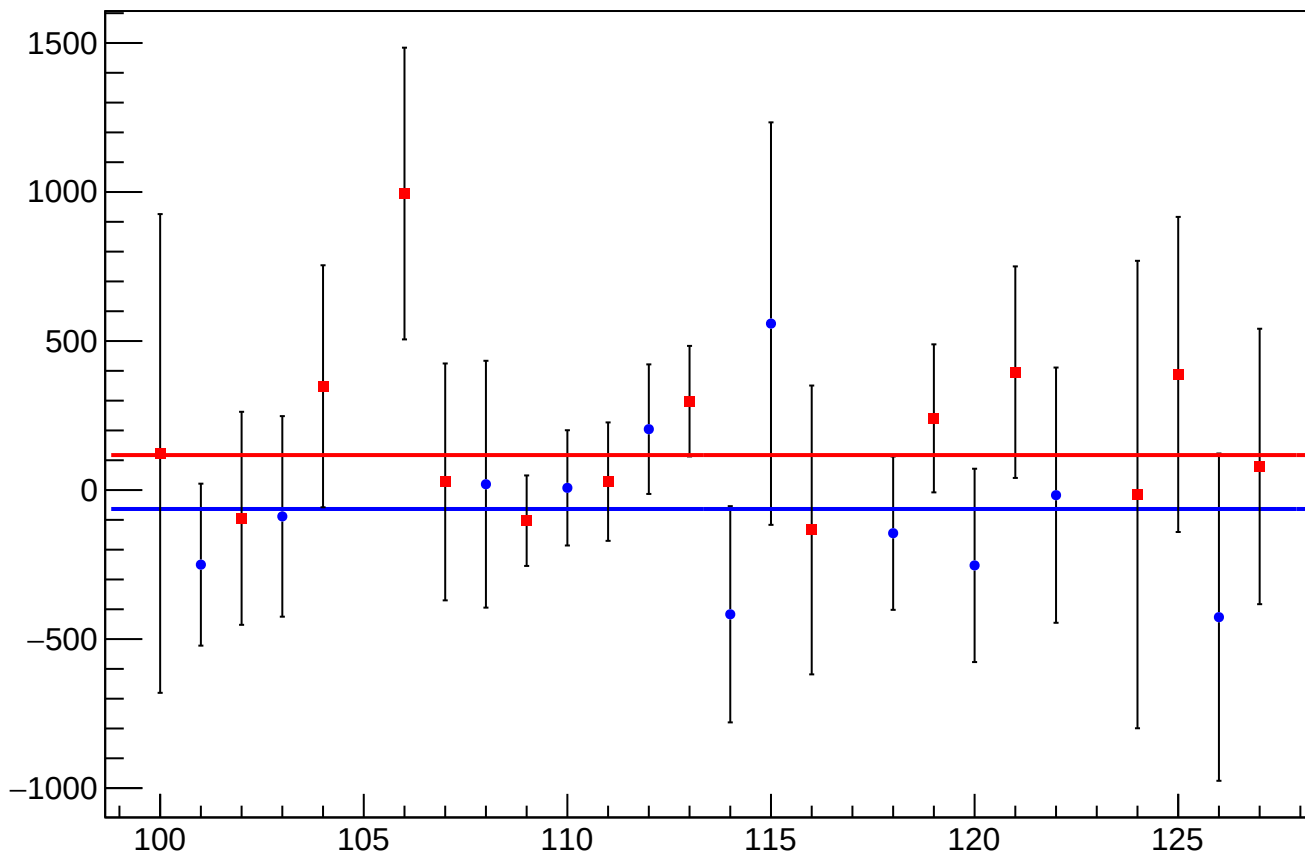
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.824+/-0.005 χ^2/NDF : 23923.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug



Right In: -63.495+/-91.553 χ^2/NDF : 4.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 117.397+/-78.553 χ^2/NDF : 8.6/13

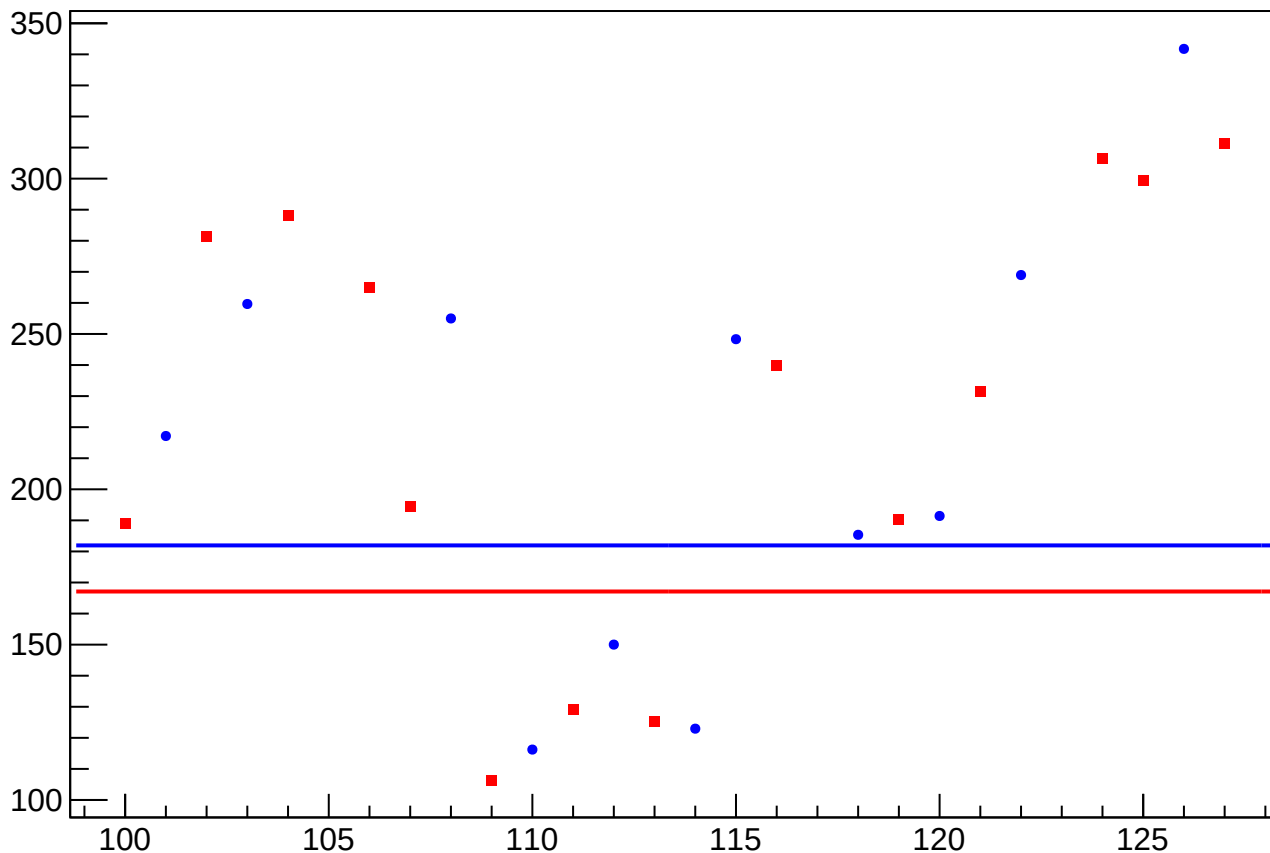
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.695+/-59.616 χ^2/NDF : 15.7/24

- 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: 181.941+/-0.065 χ^2/NDF : 803040.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

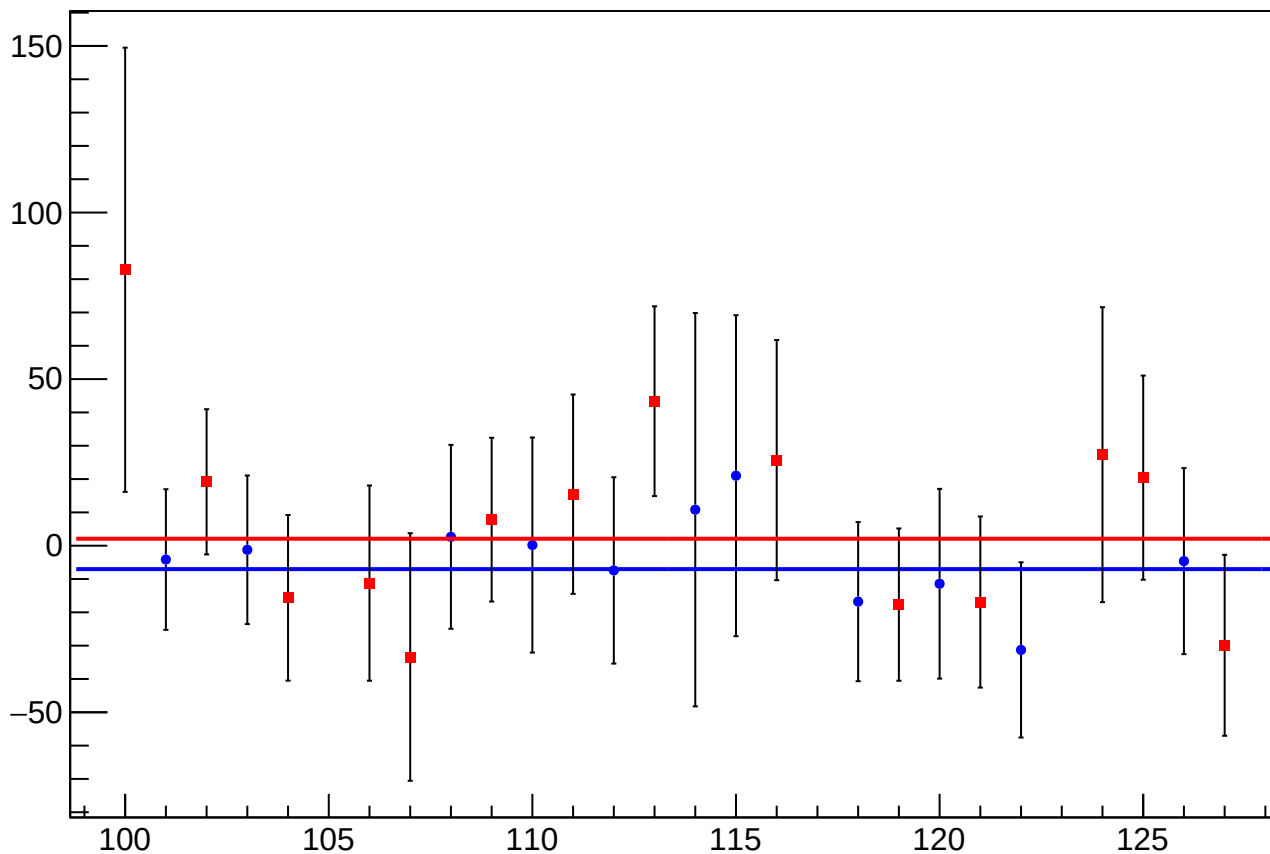
Right Out: 167.104+/-0.056 χ^2/NDF : 1480484.1/13

All: 173.395+/-0.042 χ^2/NDF : 2313778.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug



Right In: -7.030+/-8.381 χ^2/NDF : 1.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.096+/-7.675 χ^2/NDF : 9.9/13

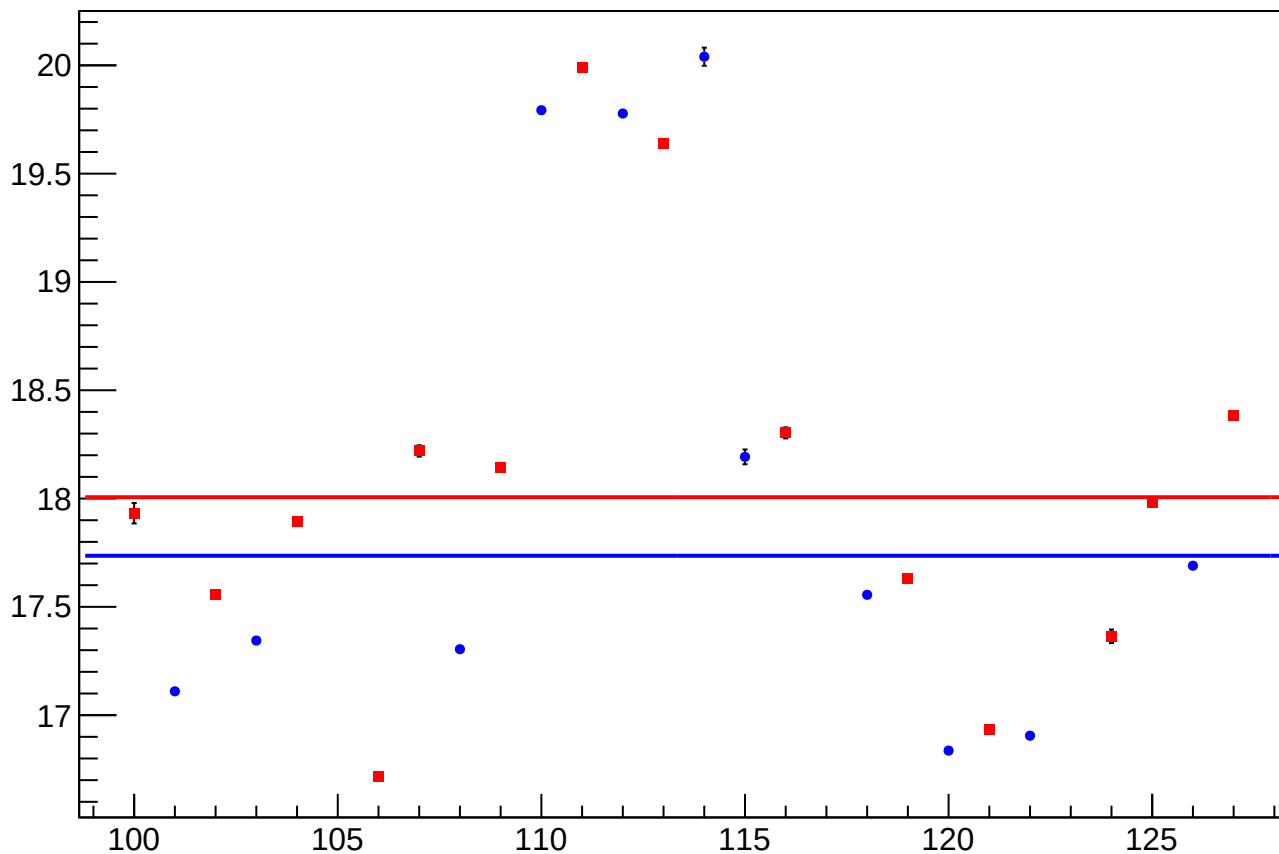
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.067+/-5.660 χ^2/NDF : 12.2/24

- 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: 17.736 $\pm$ 0.006 χ^2 /NDF: 28981.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 18.006 $\pm$ 0.005 χ^2 /NDF: 25220.9/13

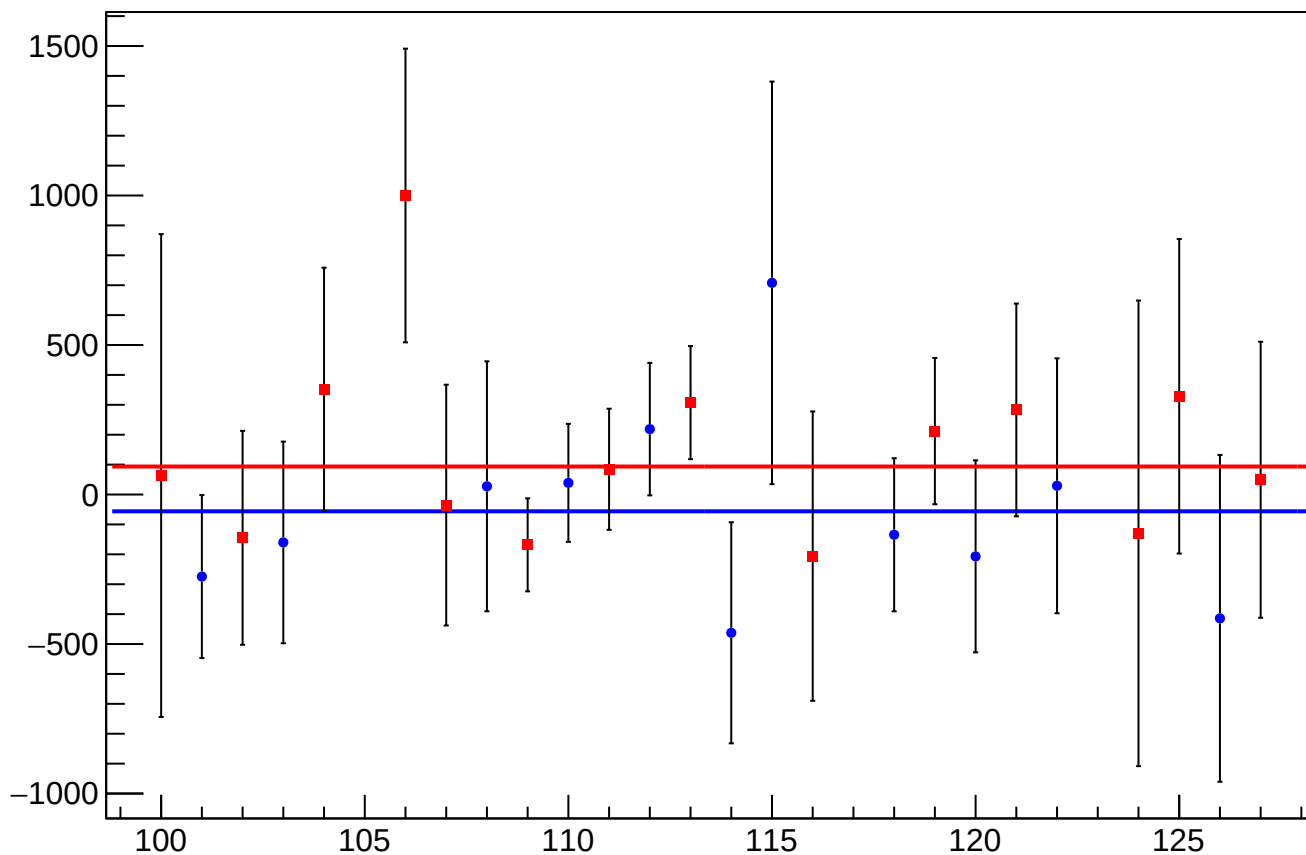
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.883 $\pm$ 0.004 χ^2 /NDF: 55333.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug



Right In: -56.178+/-92.310 χ^2/NDF : 5.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.657+/-79.495 χ^2/NDF : 9.7/13

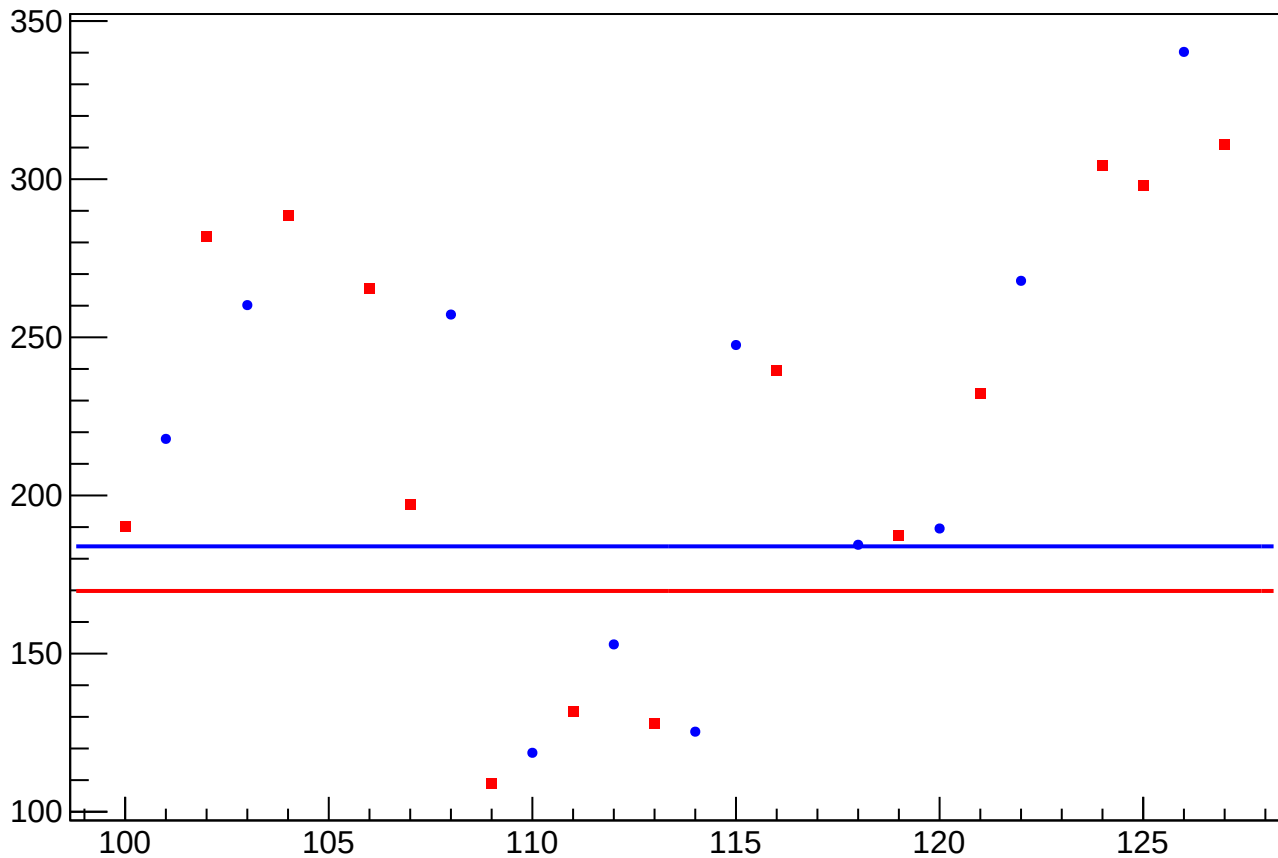
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.853+/-60.237 χ^2/NDF : 17.0/24

- 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: 183.912+/-0.065 χ^2/NDF : 762752.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.808+/-0.056 χ^2/NDF : 1406992.8/13

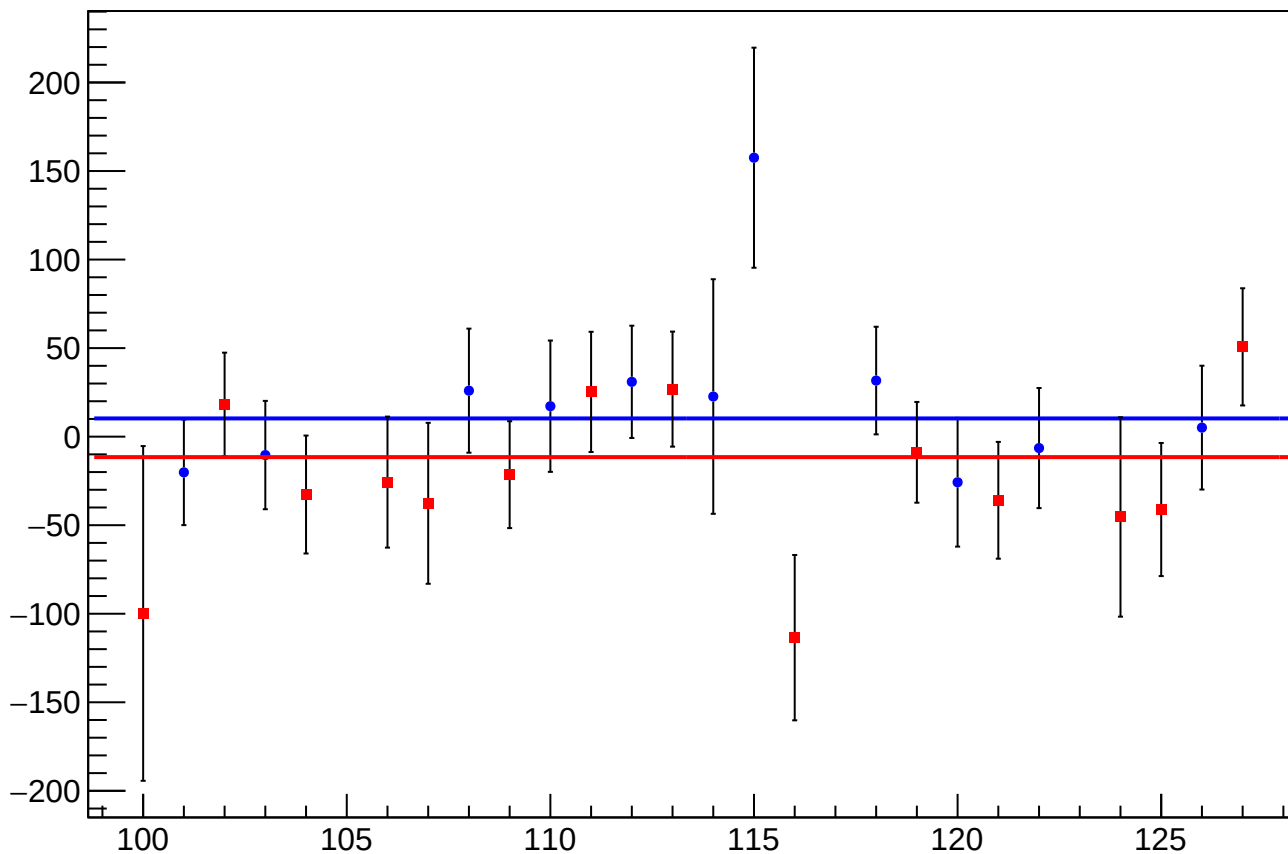
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.814+/-0.043 χ^2/NDF : 2196554.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug



Right In: 10.287+/-10.692 χ^2/NDF : 9.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.559+/-9.593 χ^2/NDF : 15.3/13

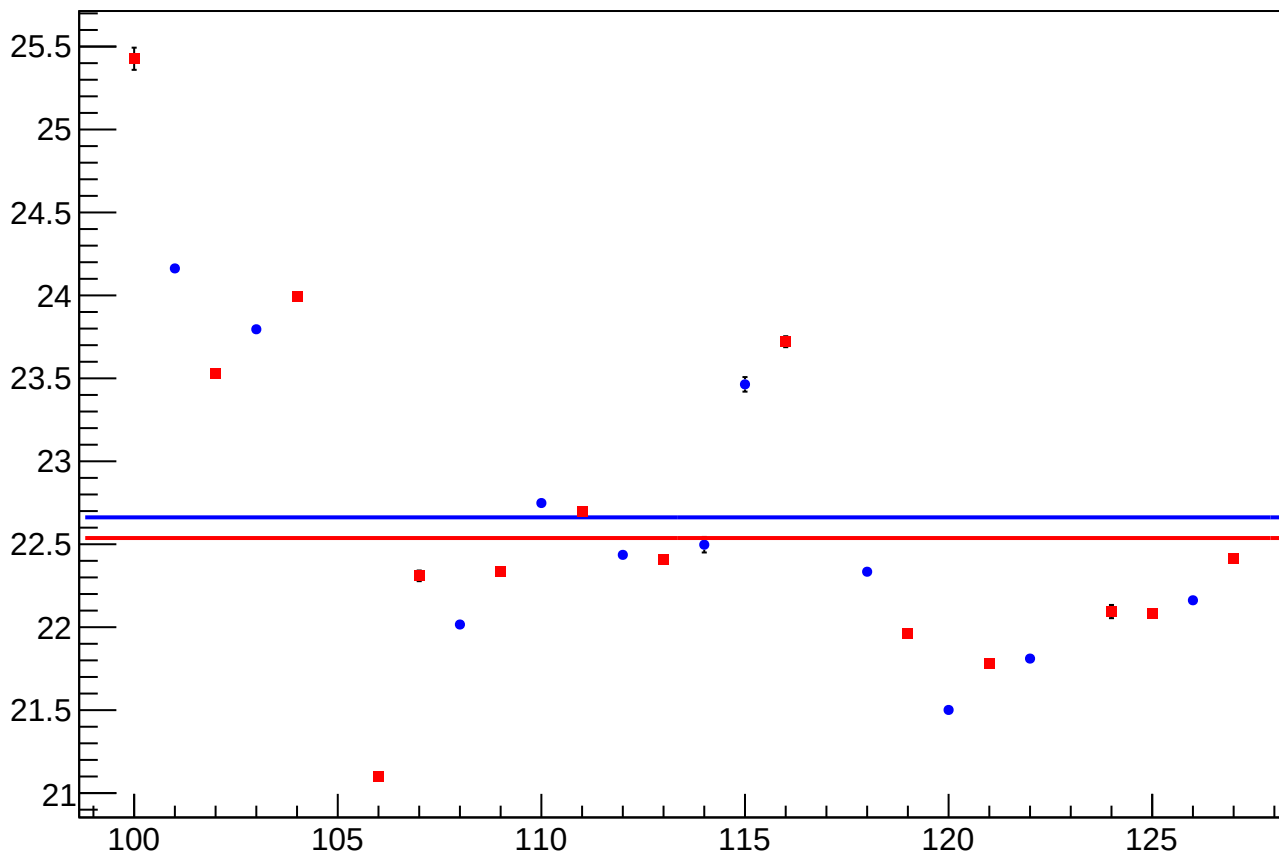
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.816+/-7.140 χ^2/NDF : 27.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug



Right In: 22.662 $\pm$ 0.008 χ^2 /NDF: 12900.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.537 $\pm$ 0.007 χ^2 /NDF: 14824.3/13

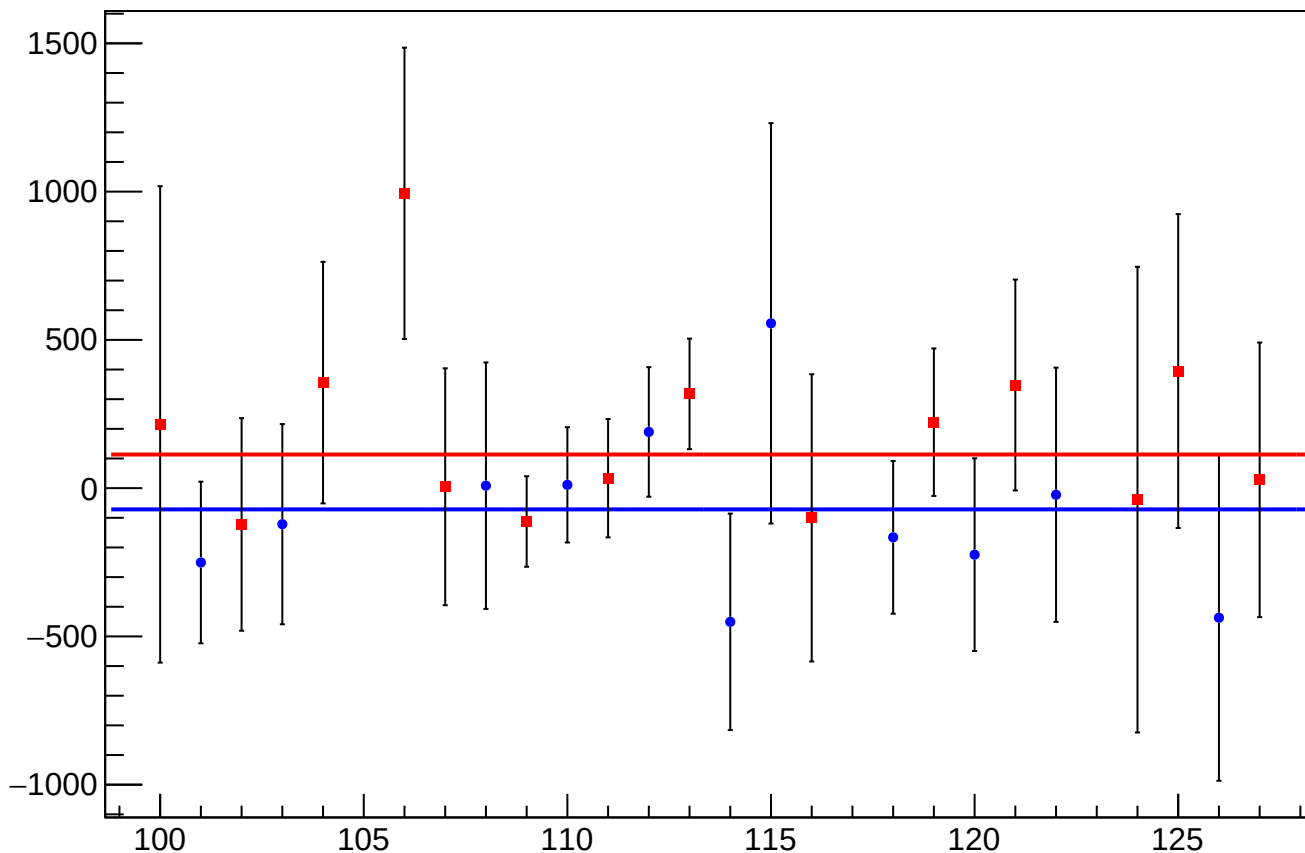
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.593 $\pm$ 0.005 χ^2 /NDF: 27875.7/24

- 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: -71.633+/-91.883 χ^2/NDF : 4.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.486+/-78.876 χ^2/NDF : 8.8/13

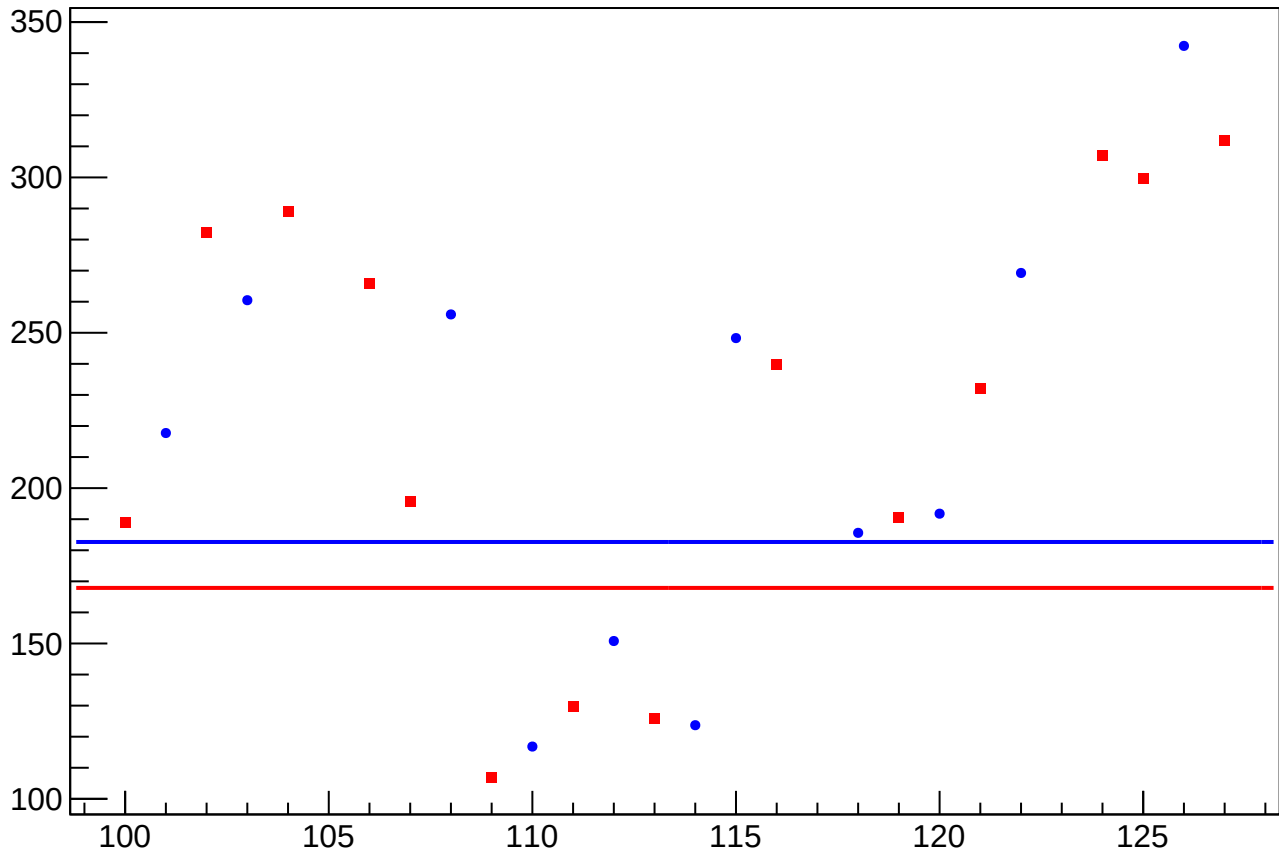
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.945+/-59.849 χ^2/NDF : 16.0/24

- 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: 182.668 ± 0.065 χ^2/NDF : 796711.6/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 167.886 ± 0.056 χ^2/NDF : 1470711.2/13

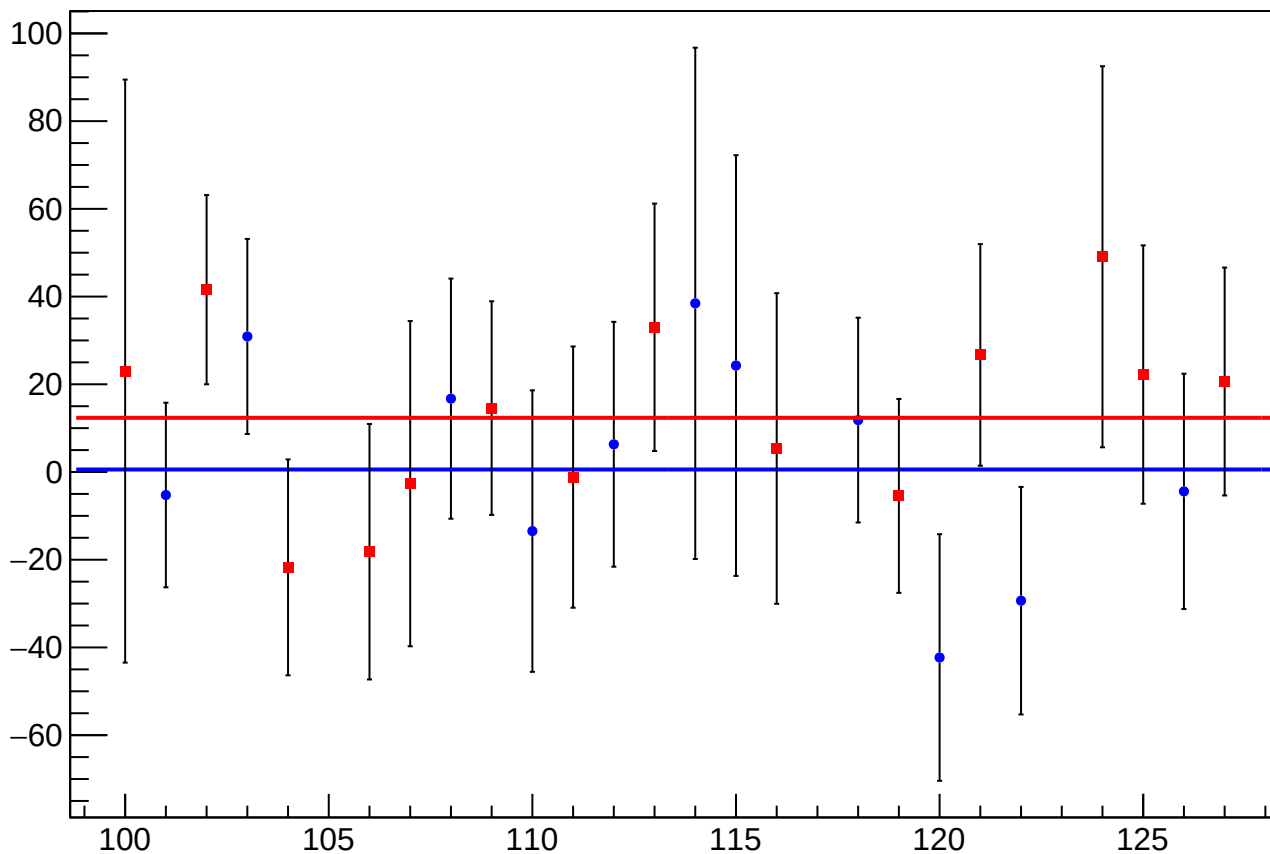
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 174.157 ± 0.042 χ^2/NDF : 2297227.1/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug



Right In: 0.569 ± 8.284 $\chi^2/\text{NDF}: 7.1/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 12.356 ± 7.543 $\chi^2/\text{NDF}: 7.7/13$

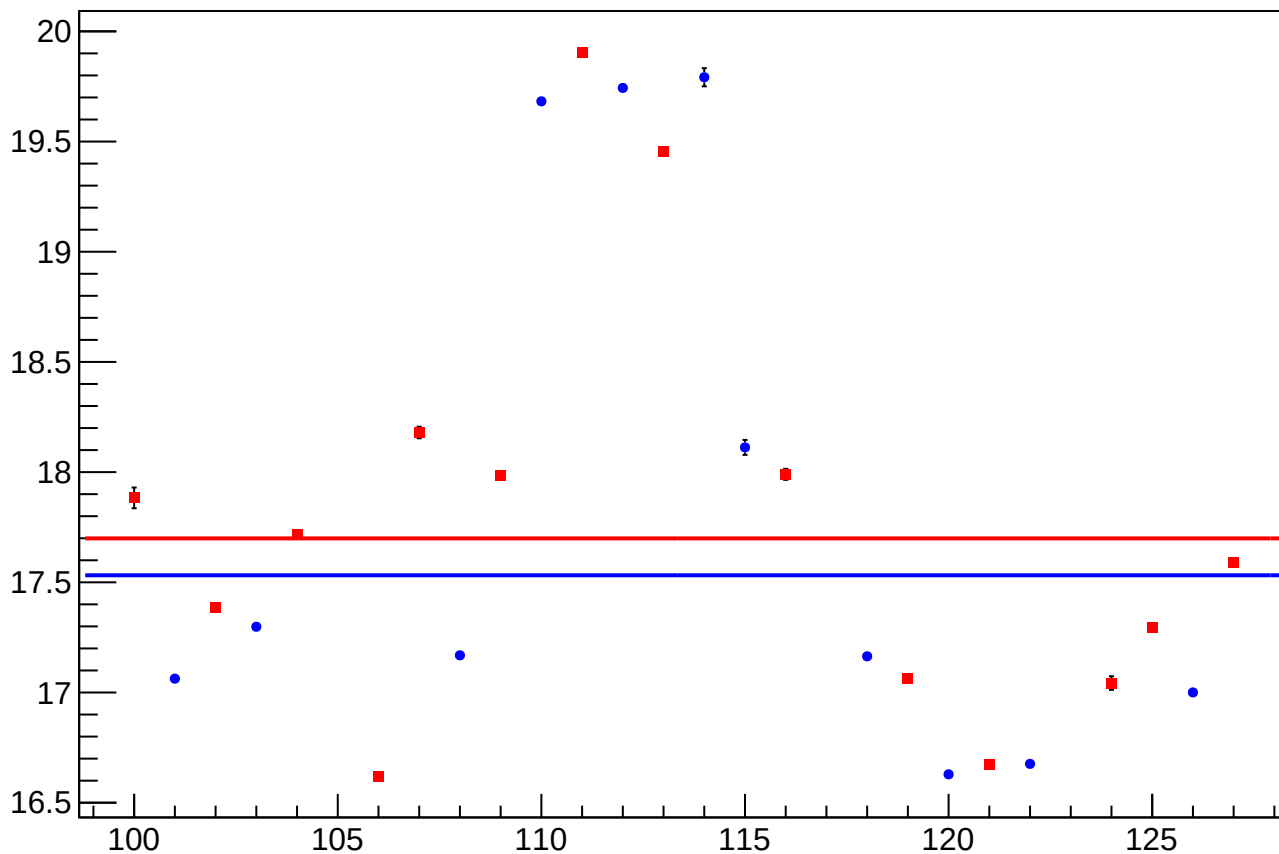
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 7.013 ± 5.577 $\chi^2/\text{NDF}: 15.9/24$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug



Right In: 17.532+/-0.006 χ^2/NDF : 31918.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.699+/-0.005 χ^2/NDF : 28456.3/13

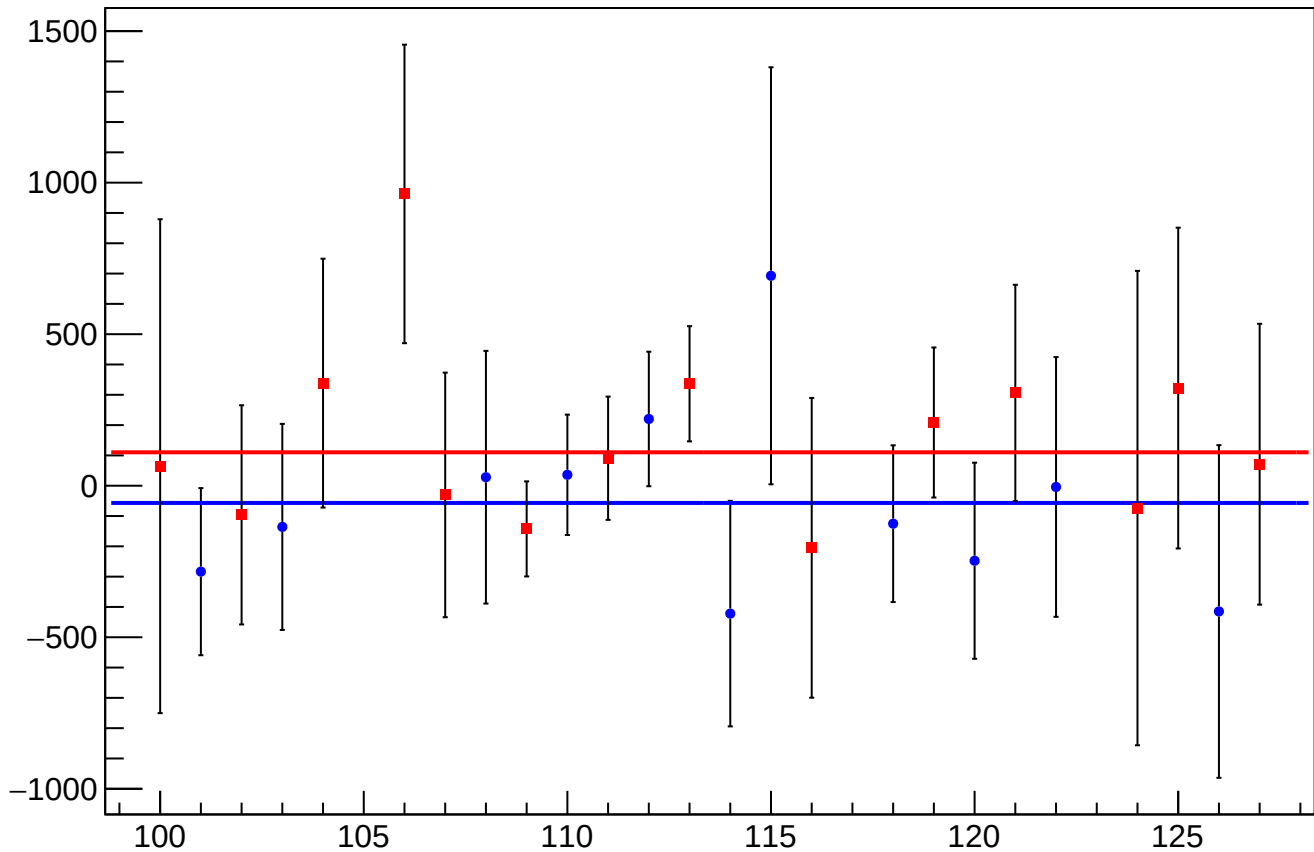
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.623+/-0.004 χ^2/NDF : 60821.0/24

- 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: -56.806 ± 92.915 χ^2/NDF : 5.6/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 110.250 ± 80.069 χ^2/NDF : 8.9/13

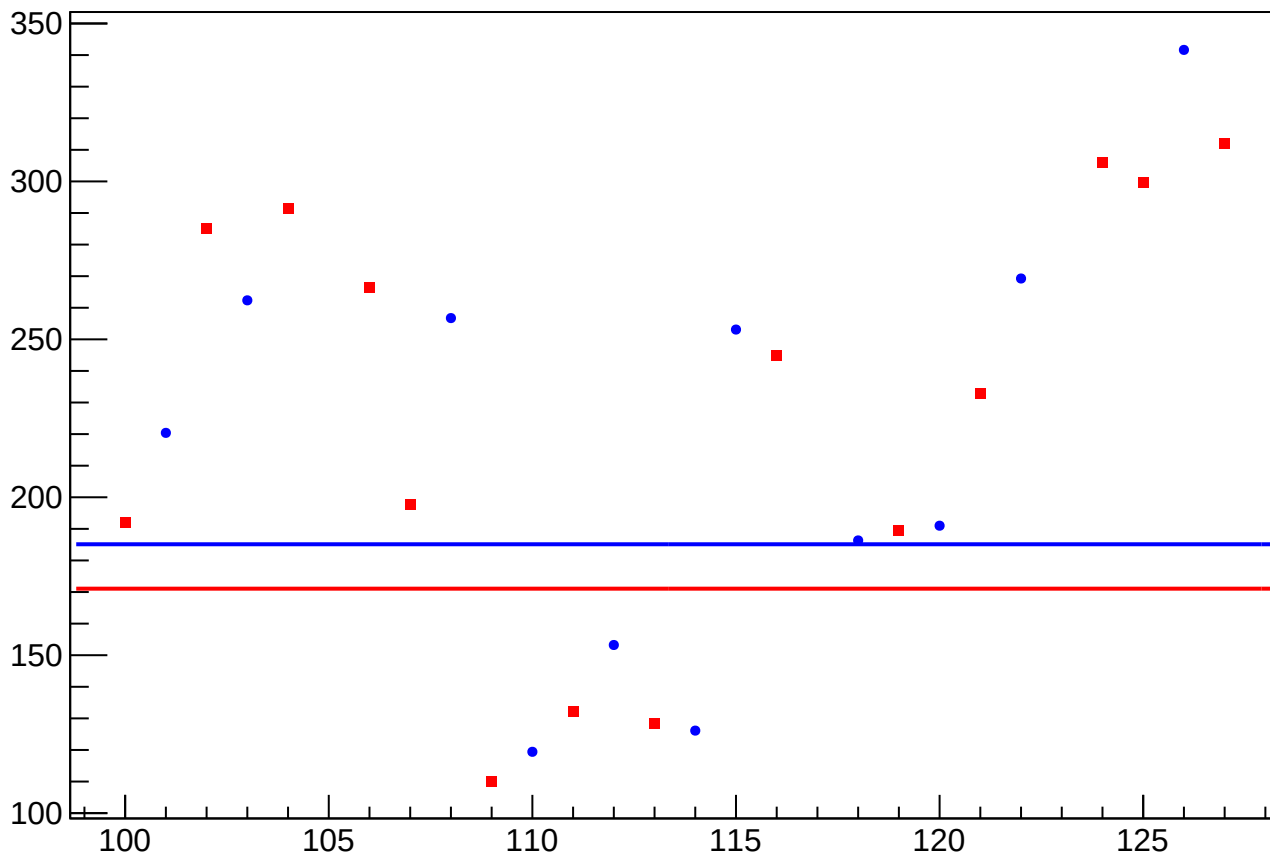
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 39.060 ± 60.655 χ^2/NDF : 16.3/24

- 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: 185.124+/-0.066 χ^2/NDF : 765522.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.065+/-0.057 χ^2/NDF : 1410116.1/13

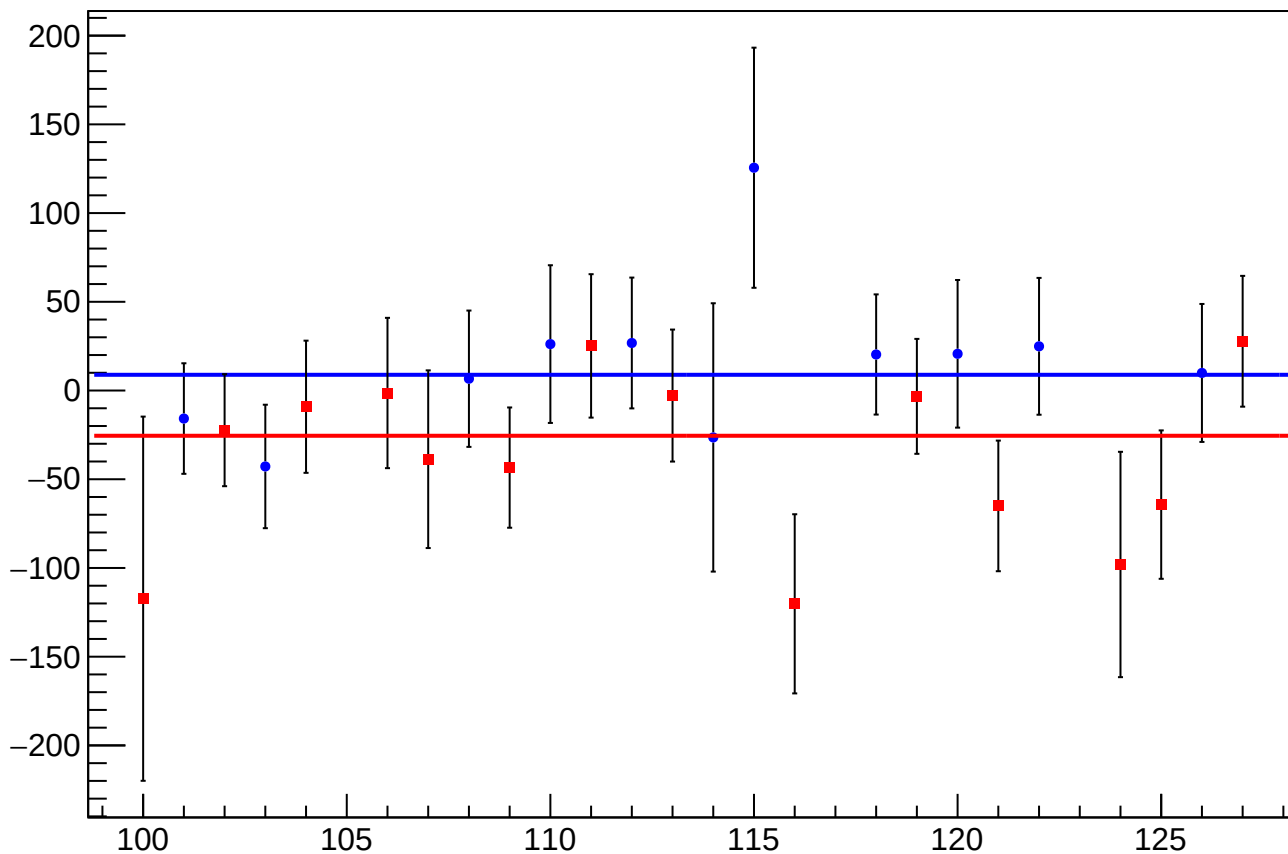
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.056+/-0.043 χ^2/NDF : 2201913.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug



Right In: 8.864+/-11.991 χ^2/NDF : 6.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.496+/-10.770 χ^2/NDF : 13.0/13

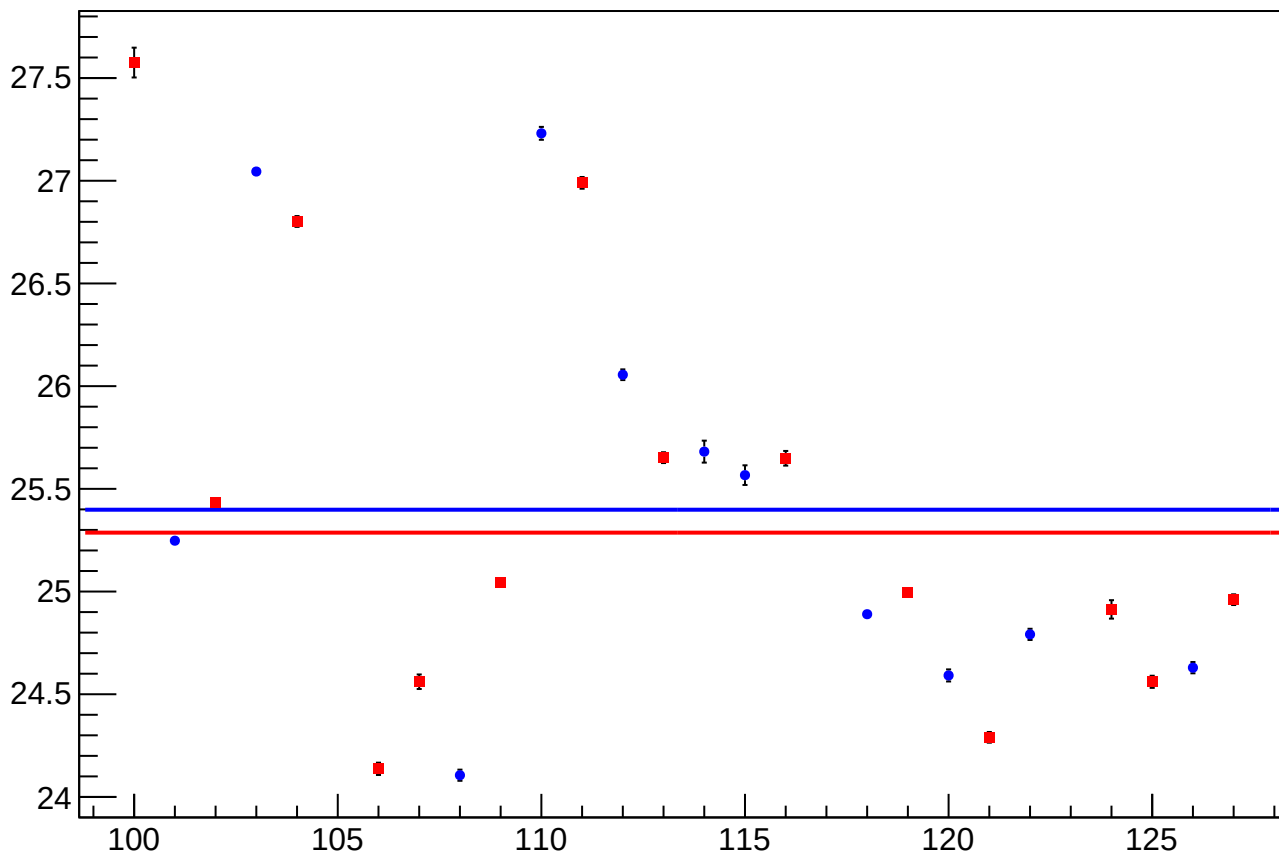
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.155+/-8.013 χ^2/NDF : 24.3/24

- 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: 25.398+/-0.008 χ^2 /NDF: 13349.9/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 25.287+/-0.008 χ^2 /NDF: 12649.0/13

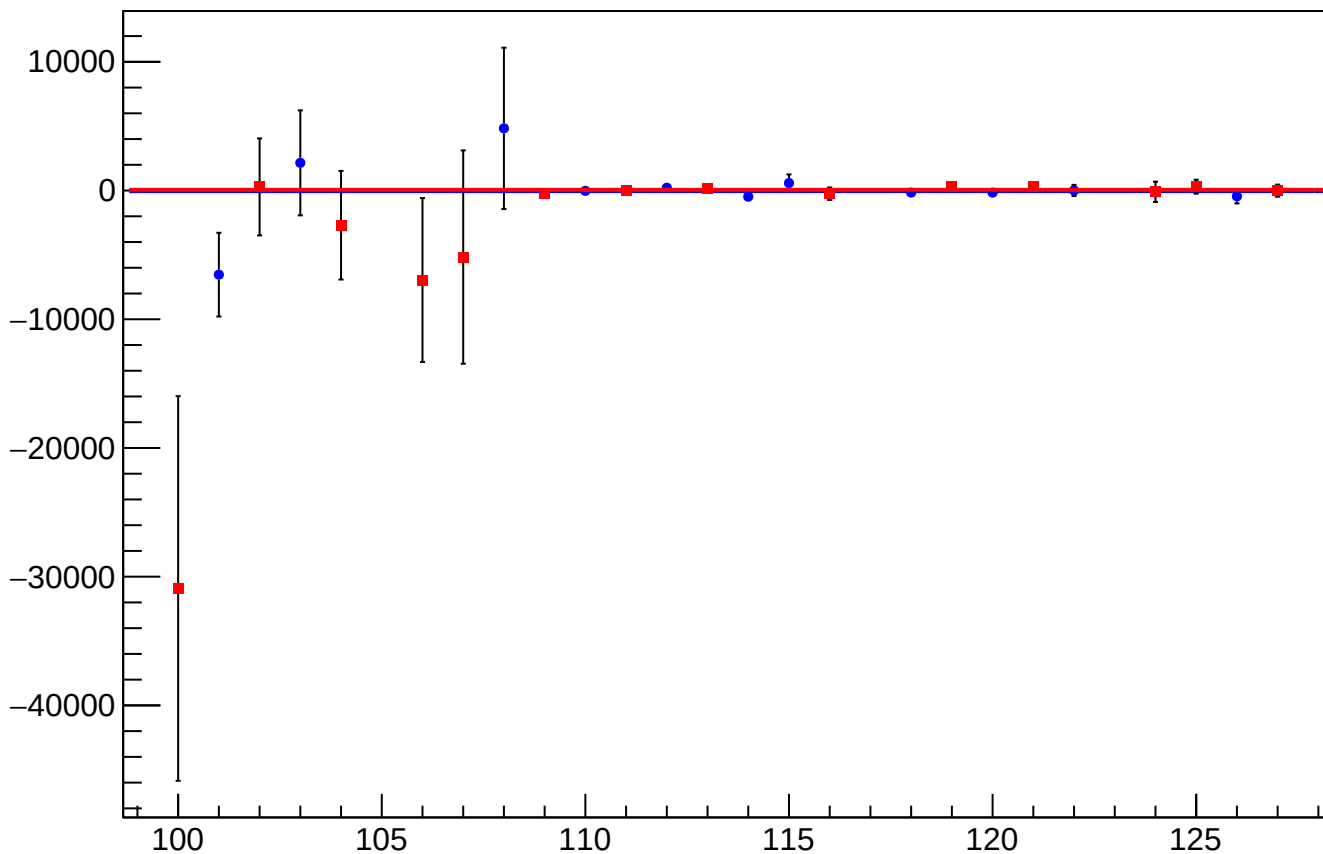
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 25.337+/-0.006 χ^2 /NDF: 26094.8/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug



Right In: -44.142 $\pm$ 105.585 χ^2 /NDF: 9.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 57.146 $\pm$ 93.797 χ^2 /NDF: 10.3/13

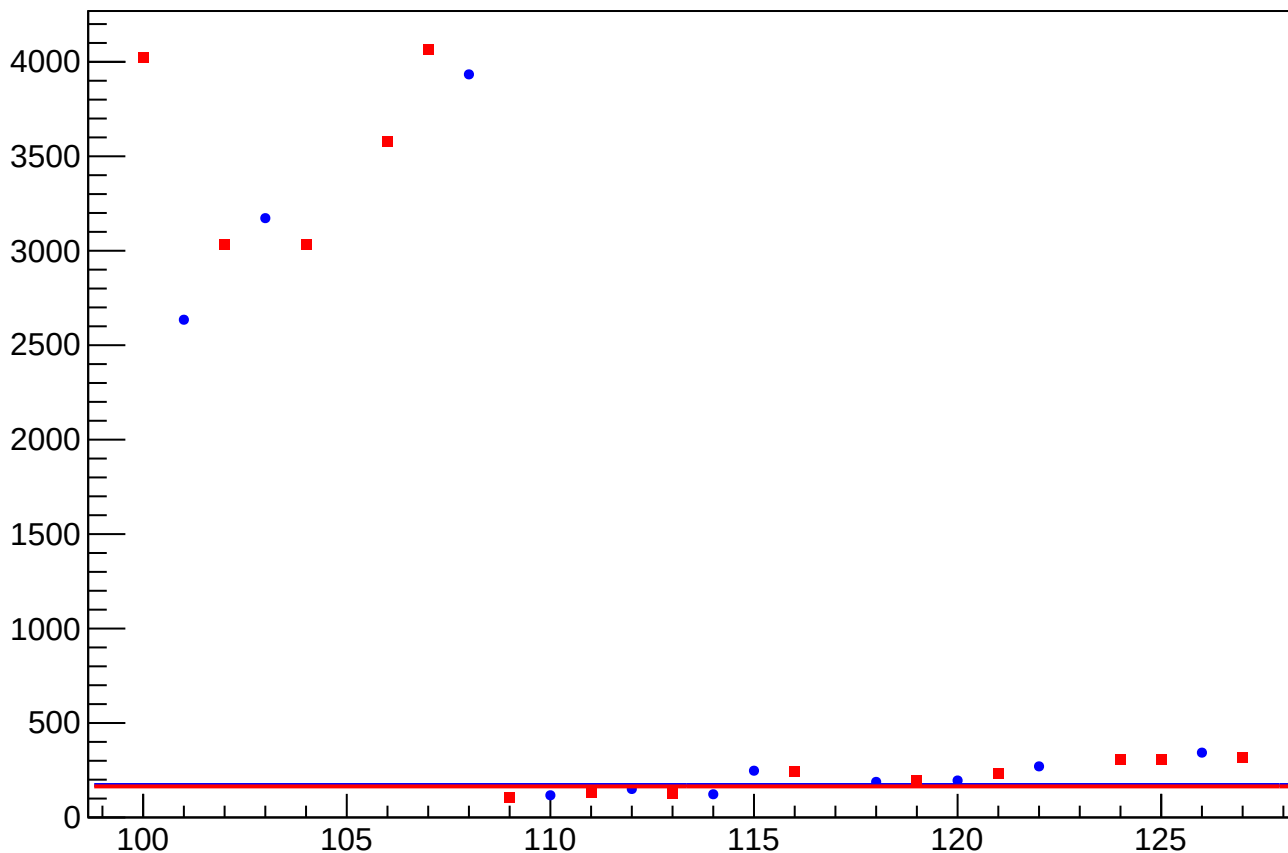
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.470 $\pm$ 70.123 χ^2 /NDF: 20.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug



Right In: 171.657+/-0.075 χ^2/NDF : 3500869.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 164.377+/-0.066 χ^2/NDF : 4098061.8/13

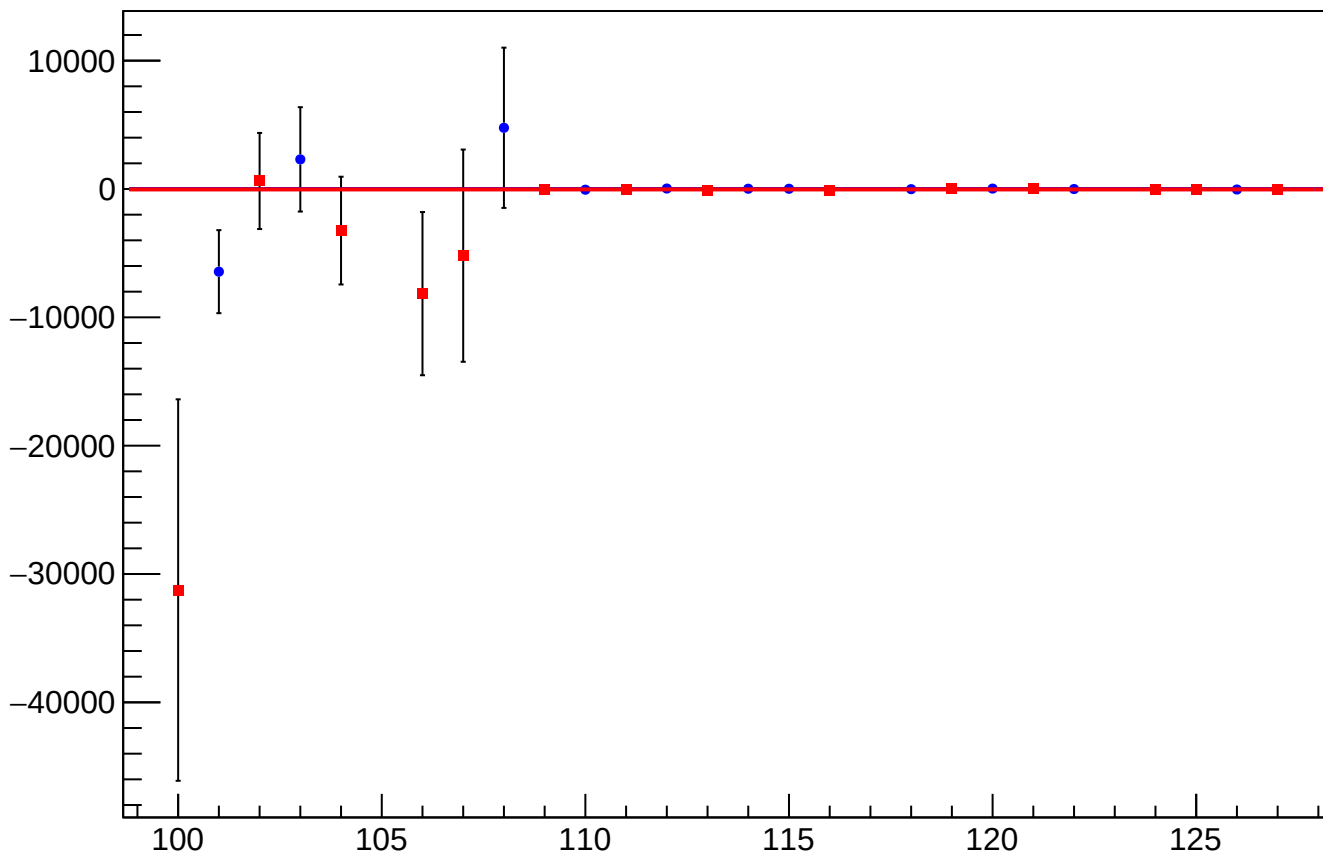
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.588+/-0.050 χ^2/NDF : 7604245.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug



Right In: -4.317+/-16.289 χ^2/NDF : 8.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.490+/-14.981 χ^2/NDF : 19.8/13

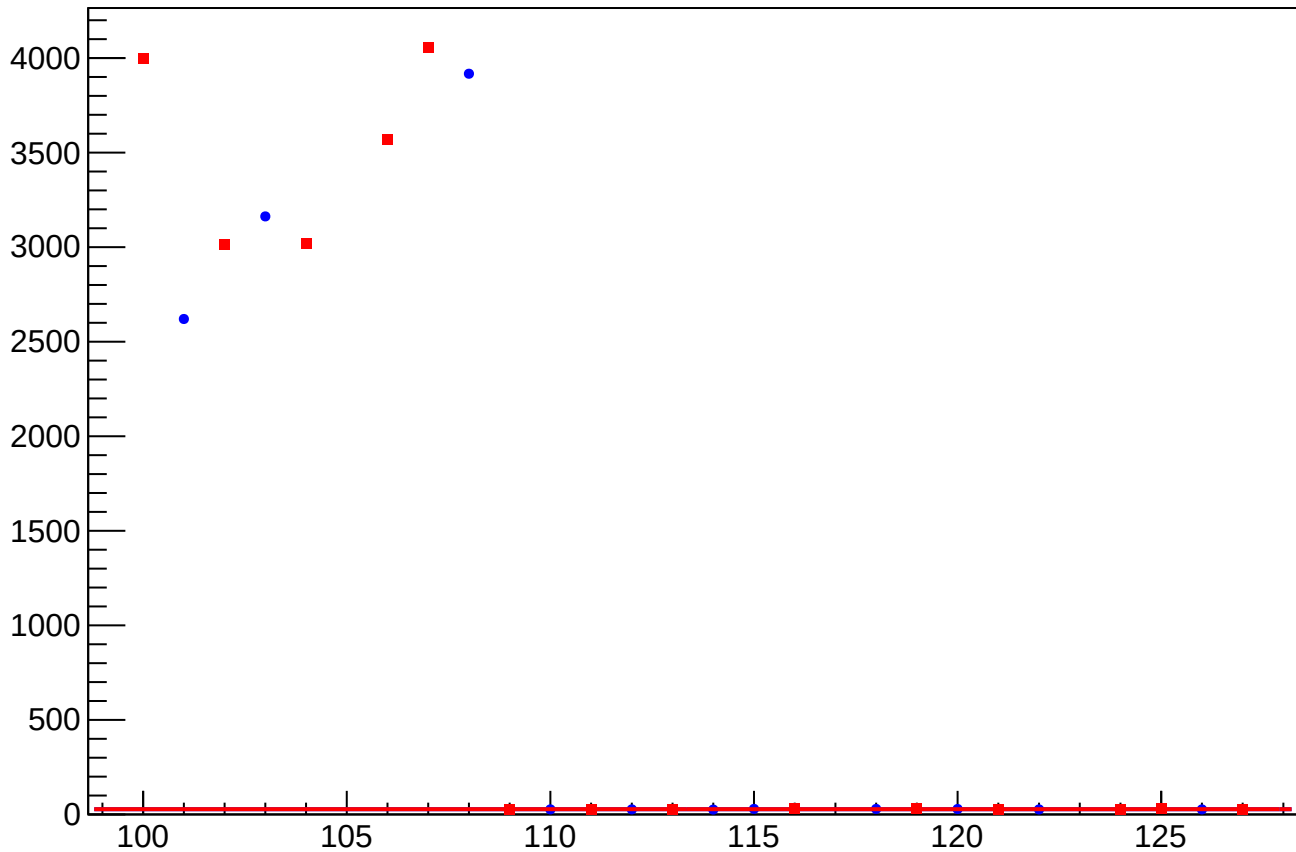
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.038+/-11.027 χ^2/NDF : 30.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug



Right In: 27.549+/-0.012 χ^2/NDF : 3259534.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.847+/-0.011 χ^2/NDF : 3551583.0/13

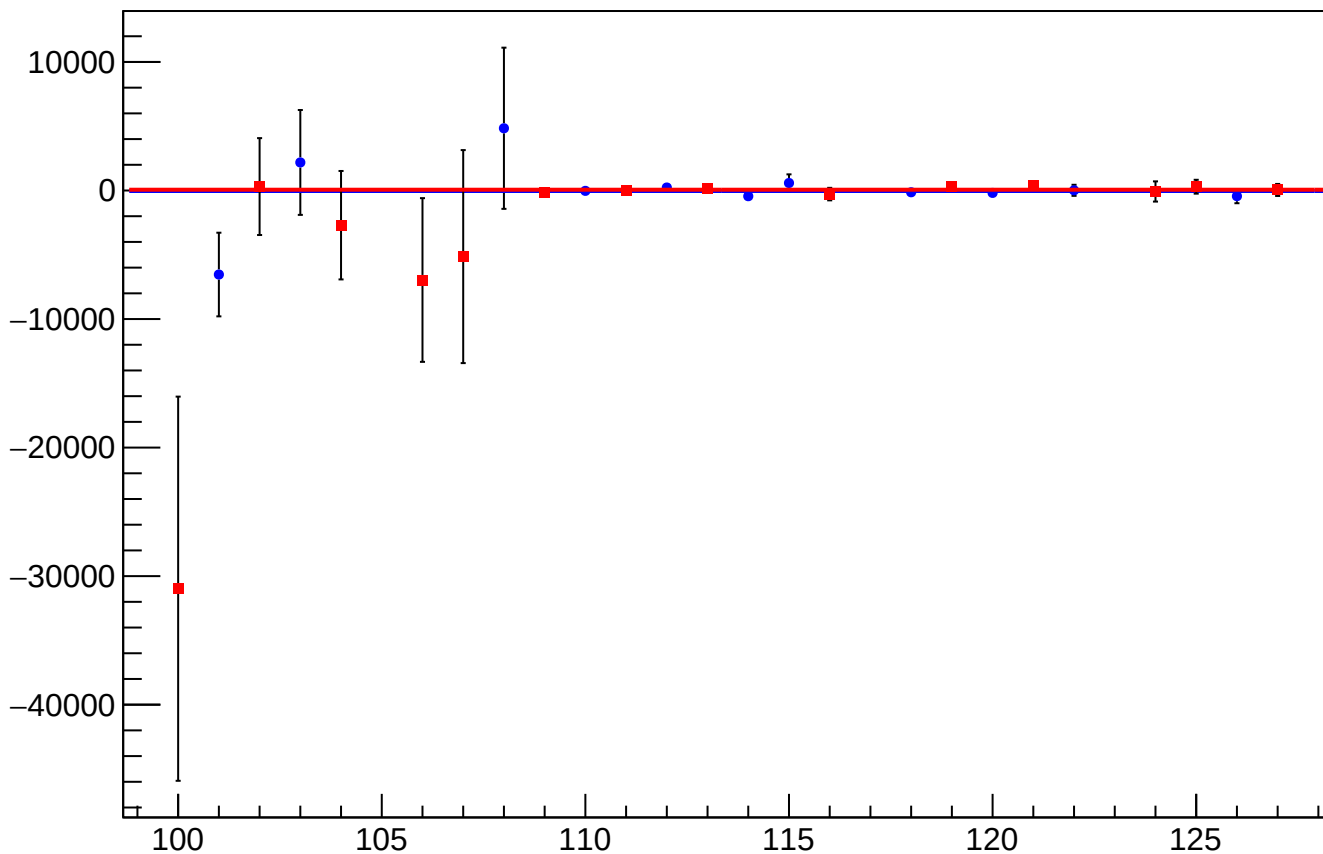
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.710+/-0.008 χ^2/NDF : 6811479.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug



Right In: -37.565 $\pm$ 105.191 χ^2 /NDF: 9.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 60.728 $\pm$ 93.419 χ^2 /NDF: 10.4/13

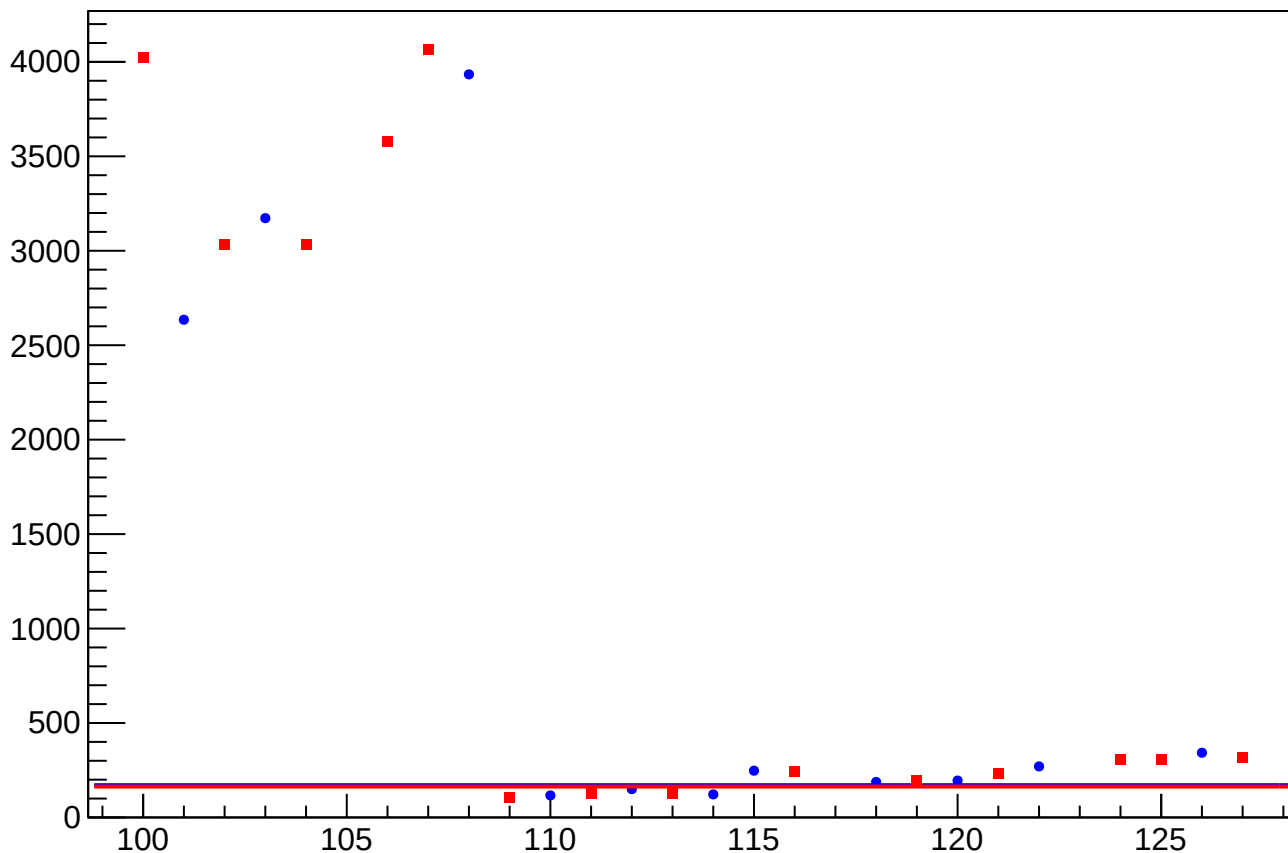
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.387 $\pm$ 69.850 χ^2 /NDF: 20.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug



Right In: 170.909+/-0.074 χ^2/NDF : 3507503.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 163.585+/-0.066 χ^2/NDF : 4107355.8/13

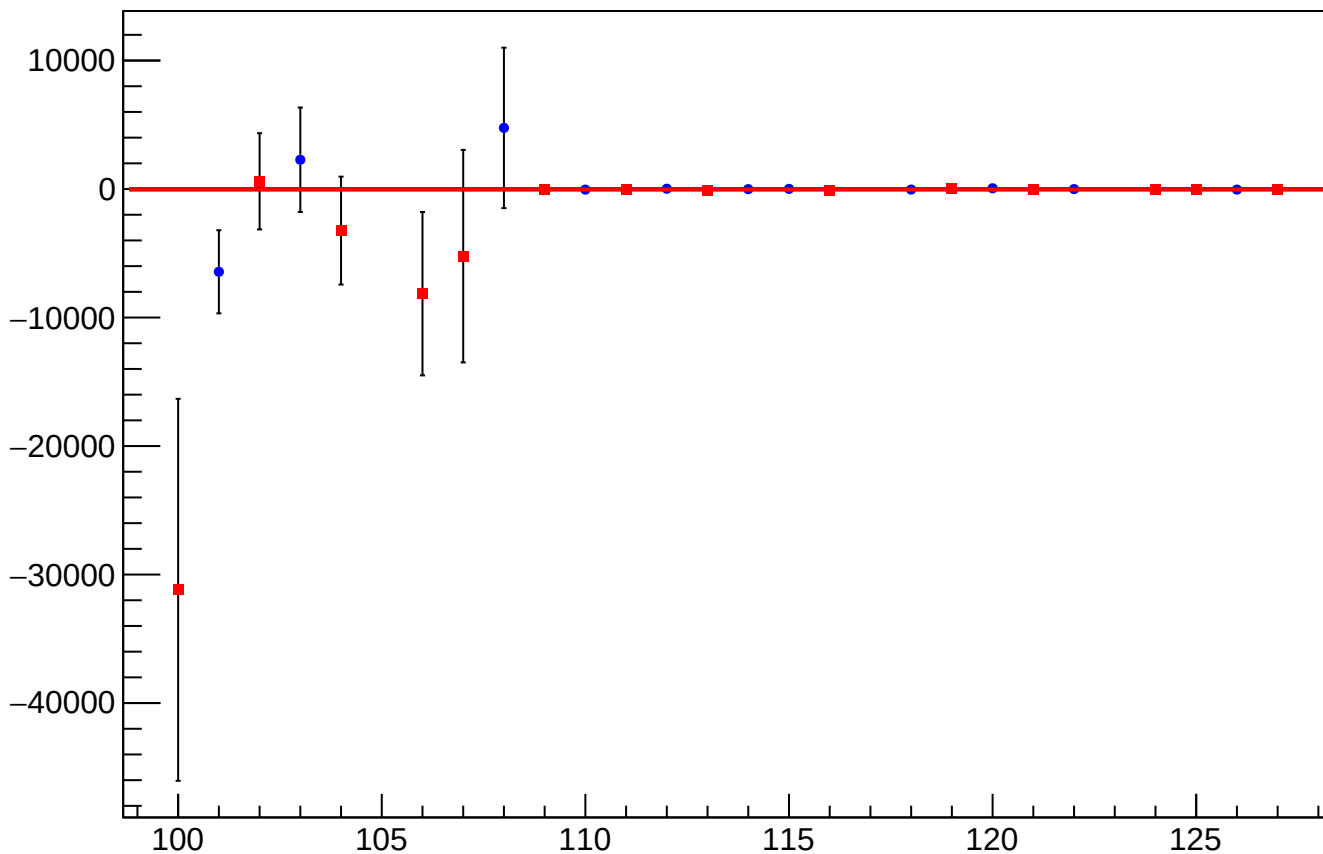
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.814+/-0.049 χ^2/NDF : 7620278.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug



Right In: -8.501+/-16.392 χ^2/NDF : 9.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -41.812+/-15.125 χ^2/NDF : 16.5/13

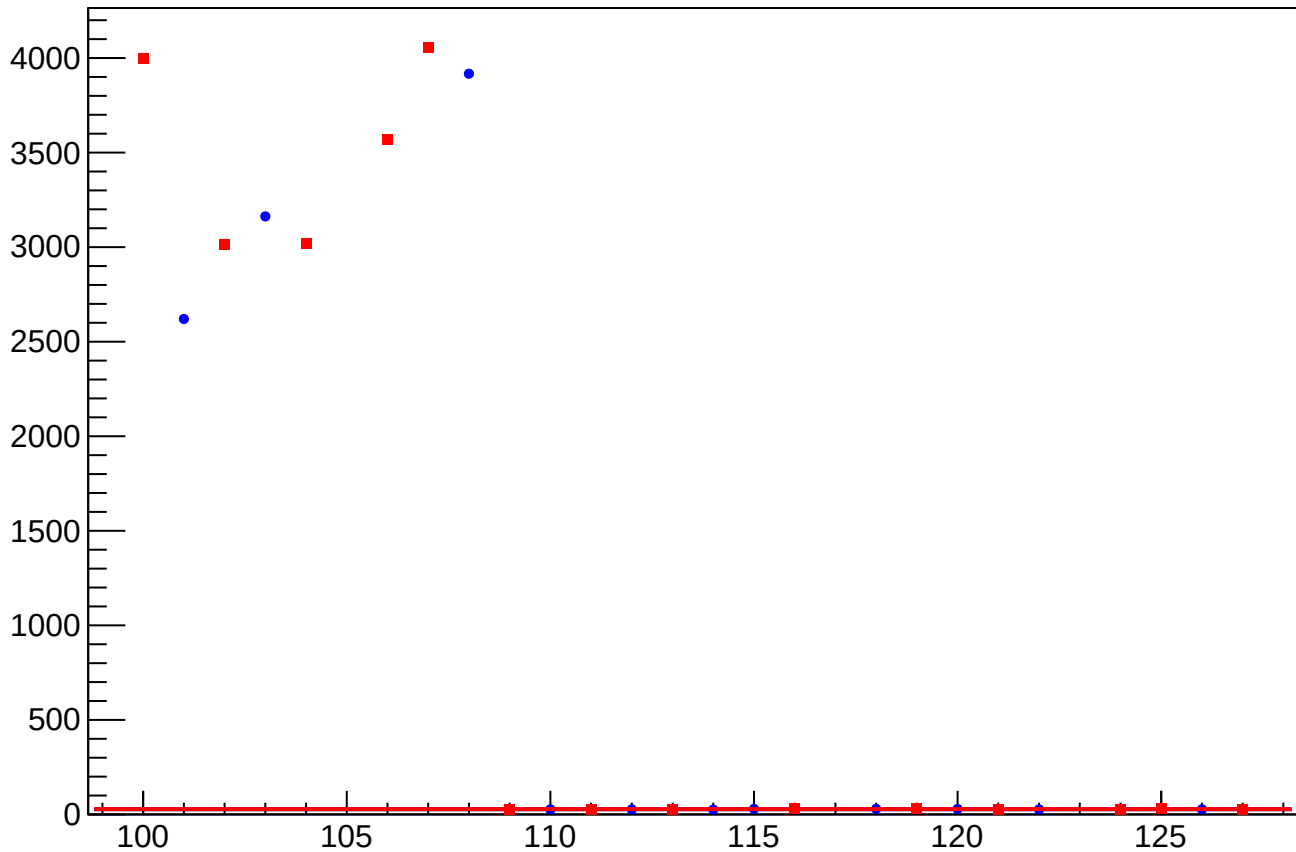
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.493+/-11.116 χ^2/NDF : 28.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug



Right In: 27.720 $\pm$ 0.012 χ^2 /NDF: 3259658.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 28.107 $\pm$ 0.011 χ^2 /NDF: 3554242.4/13

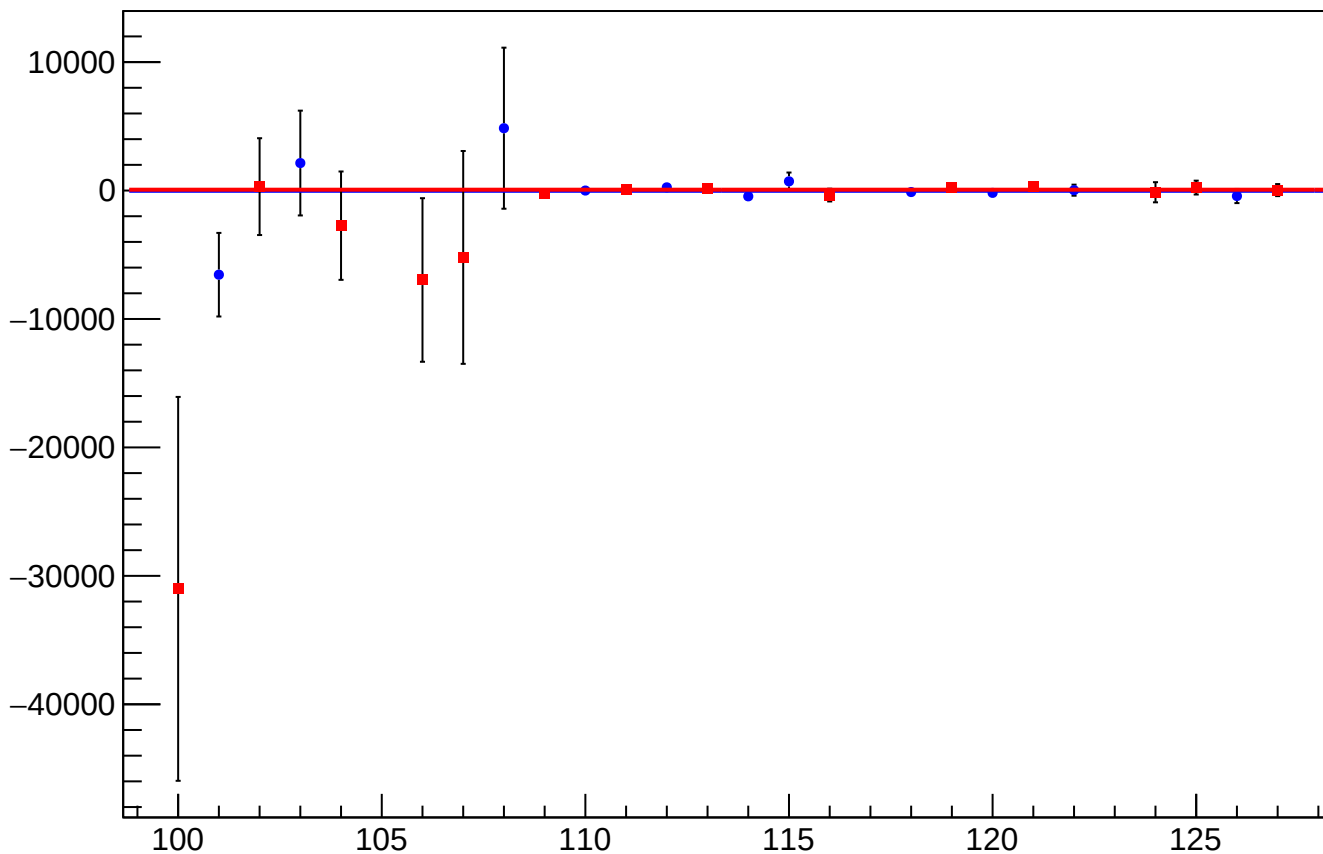
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.929 $\pm$ 0.008 χ^2 /NDF: 6814502.6/24

- 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: -19.828+/-106.719 χ^2/NDF : 9.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.256+/-94.948 χ^2/NDF : 10.3/13

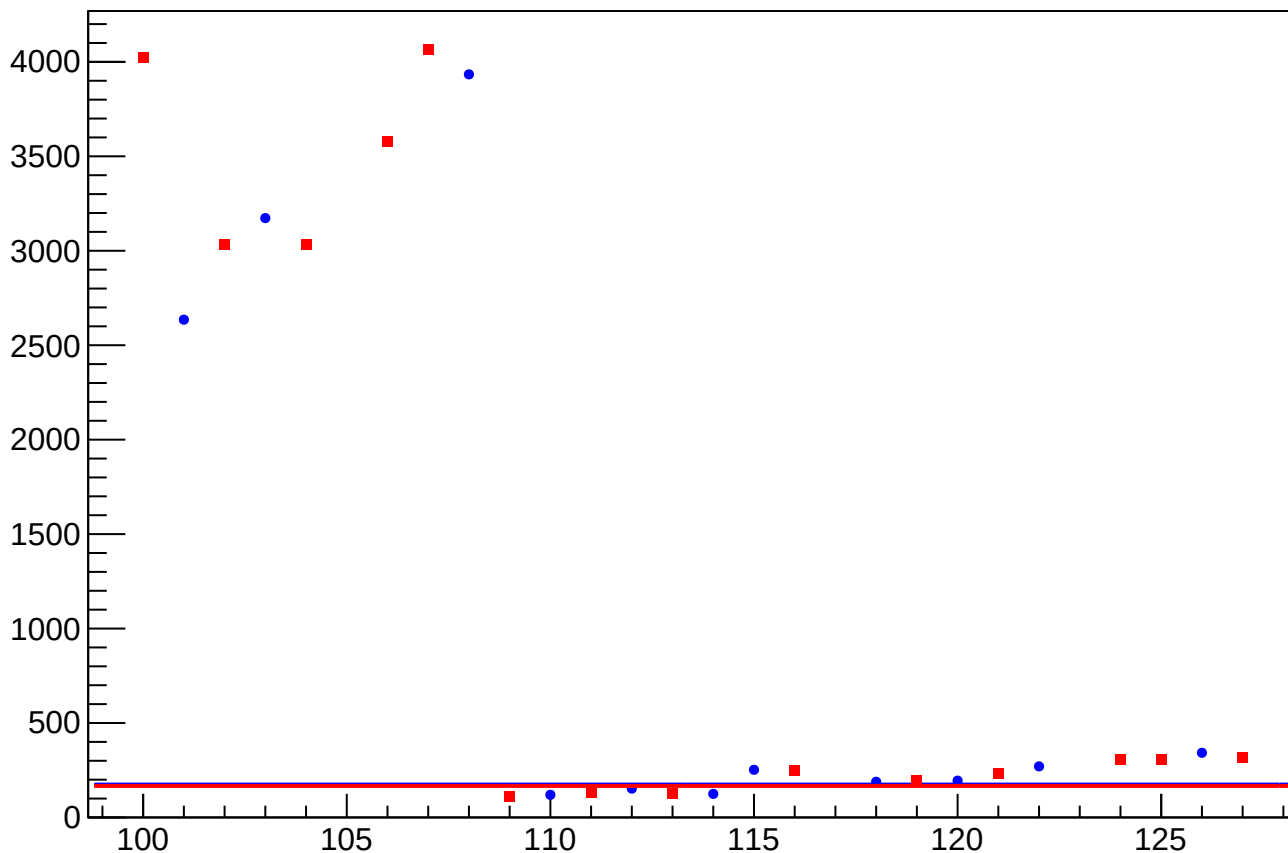
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.664+/-70.936 χ^2/NDF : 20.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug



Right In: 173.964+/-0.075 χ^2/NDF : 3474766.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 166.950+/-0.067 χ^2/NDF : 4061506.7/13

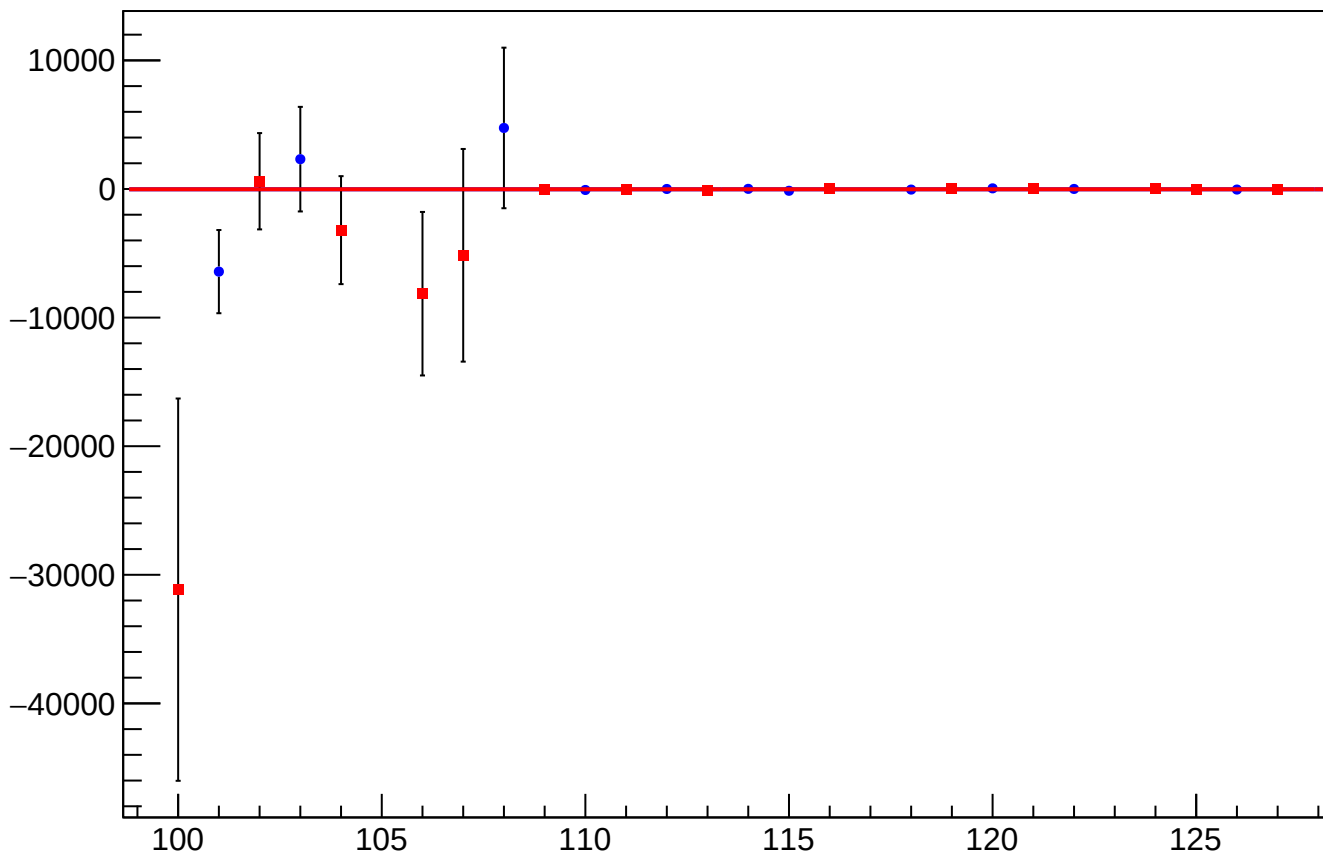
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.049+/-0.050 χ^2/NDF : 7541094.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug



Right In: -24.034+/-19.966 χ^2/NDF : 10.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.661+/-18.260 χ^2/NDF : 20.9/13

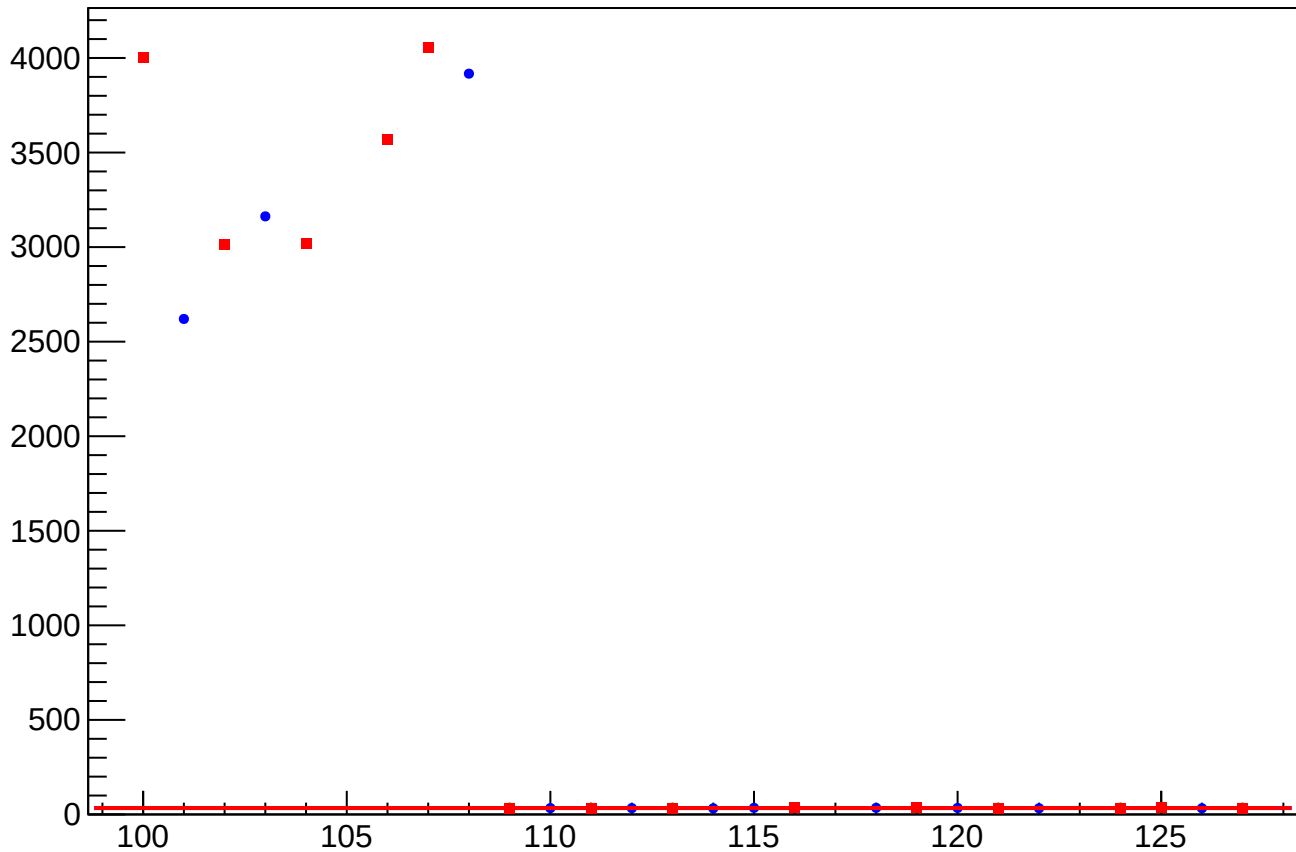
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.742+/-13.475 χ^2/NDF : 30.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug



Right In: 33.842 $\pm$ 0.014 χ^2 /NDF: 3240098.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 34.028 $\pm$ 0.013 χ^2 /NDF: 3524429.7/13

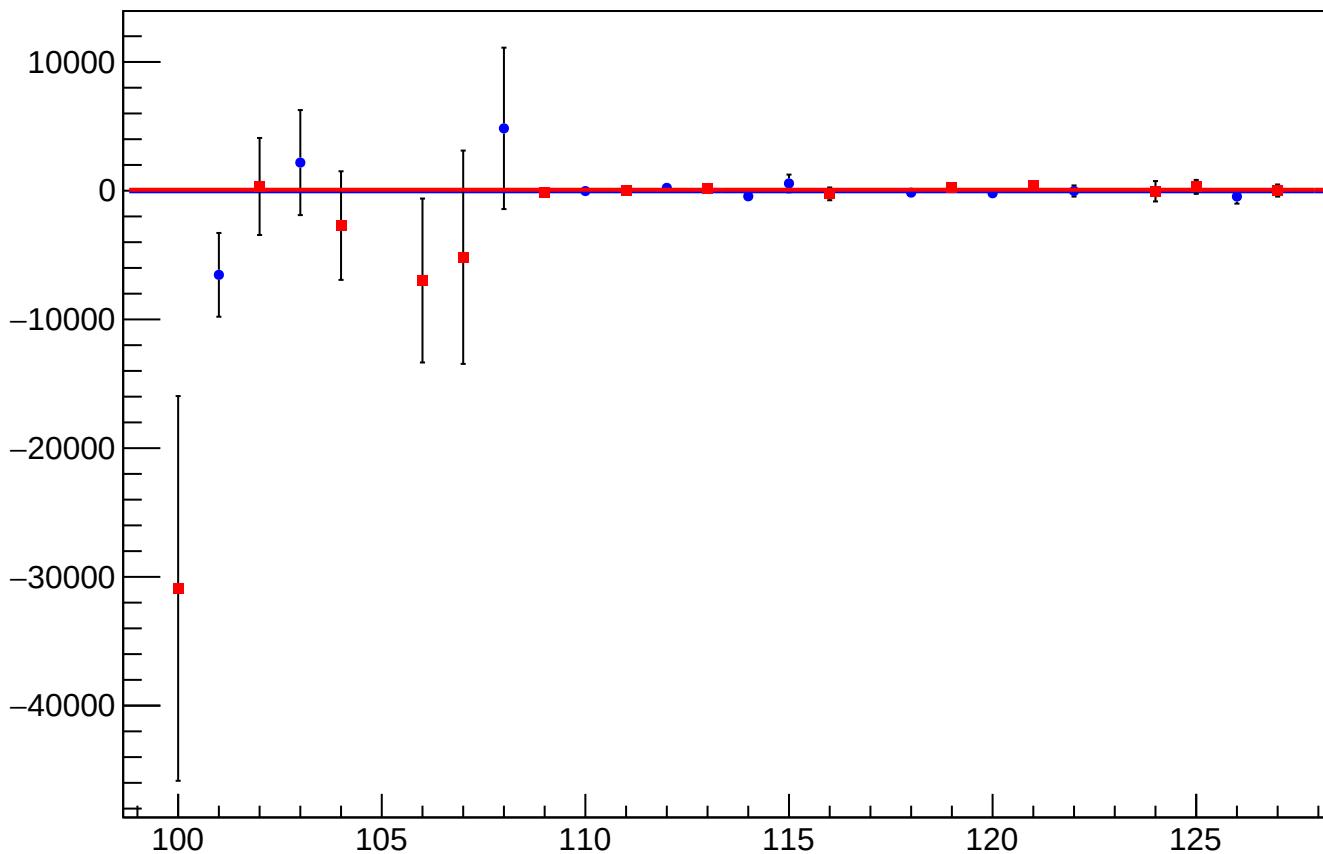
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 33.943 $\pm$ 0.010 χ^2 /NDF: 6764621.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug



Right In: -46.606 $\pm$ 106.083 χ^2 /NDF: 9.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 74.021 $\pm$ 94.274 χ^2 /NDF: 10.1/13

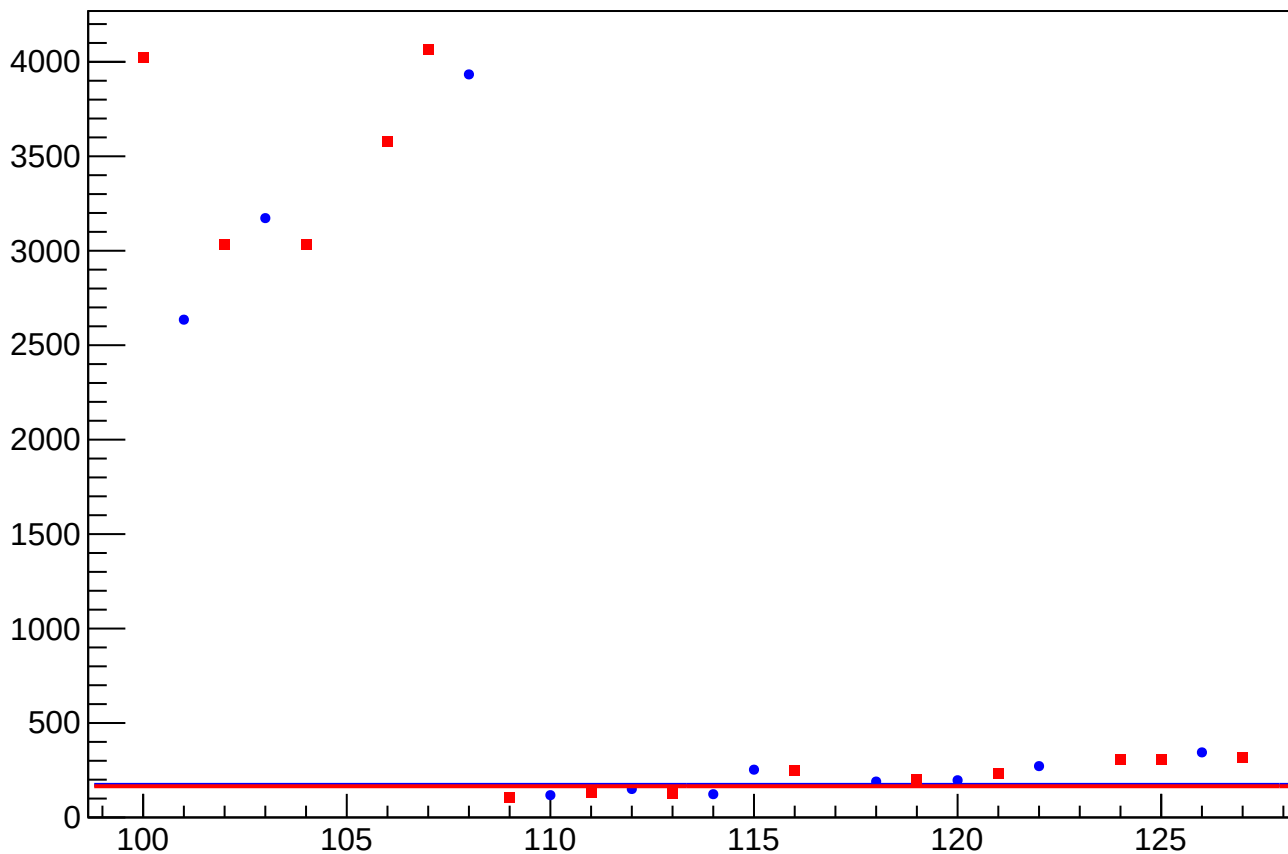
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.793 $\pm$ 70.469 χ^2 /NDF: 20.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 172.445 $\pm$ 0.075 χ^2 /NDF: 3503519.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 165.194 $\pm$ 0.067 χ^2 /NDF: 4102588.6/13

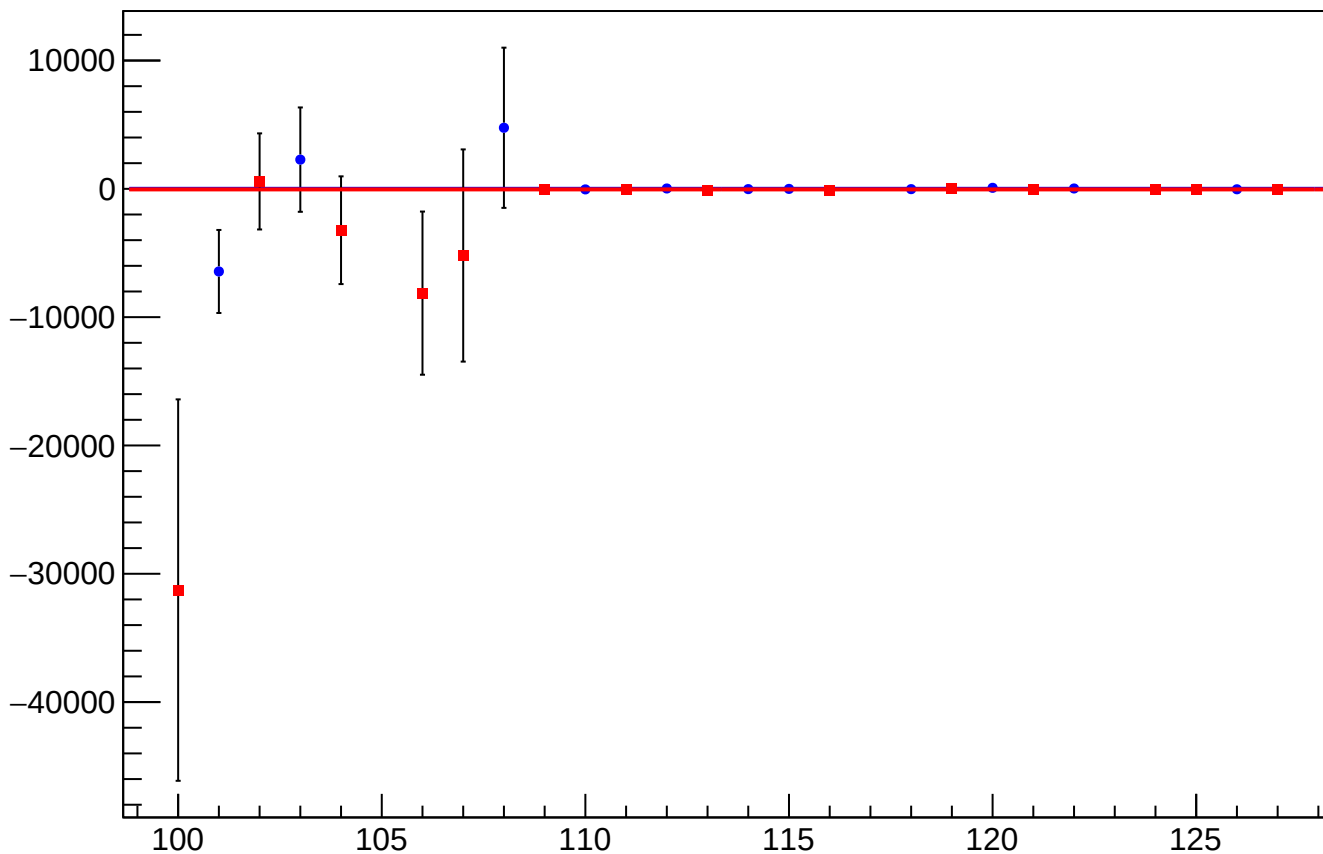
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 168.394 $\pm$ 0.050 χ^2 /NDF: 7611329.2/24

- 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: 2.315+/-18.295 χ^2 /NDF: 9.5/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -44.014+/-16.772 χ^2 /NDF: 20.1/13

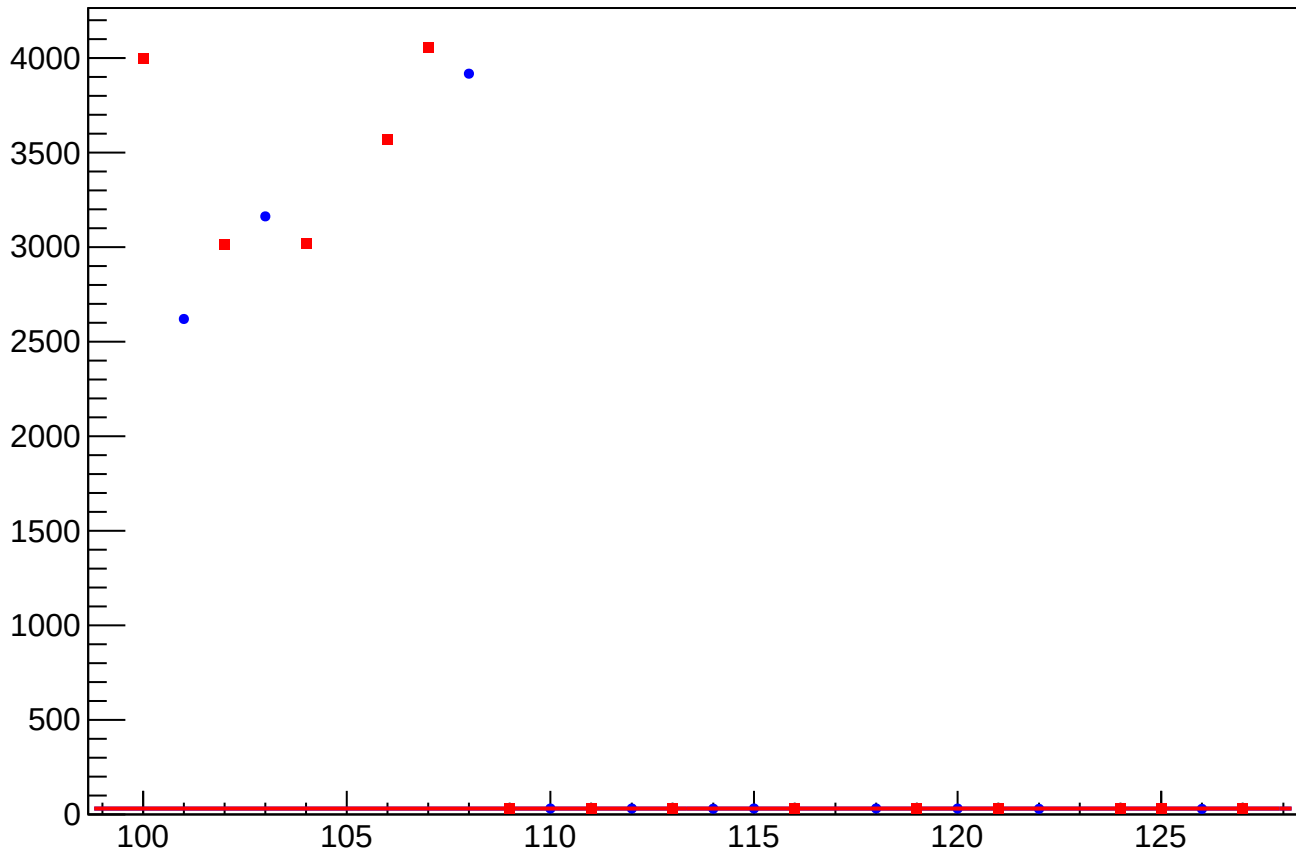
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -22.857+/-12.363 χ^2 /NDF: 33.1/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 30.983+/-0.013 χ^2/NDF : 3247506.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.234+/-0.012 χ^2/NDF : 3530439.8/13

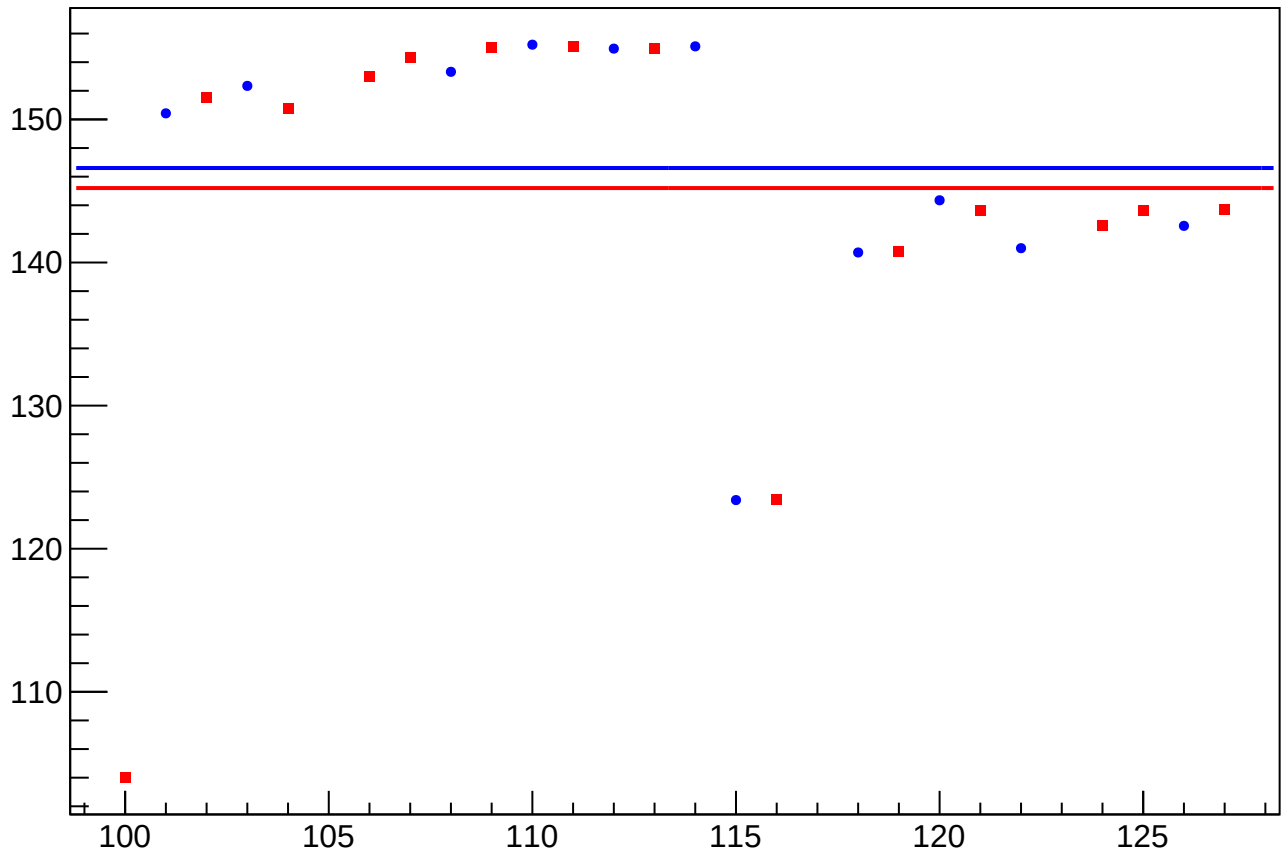
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.119+/-0.009 χ^2/NDF : 6778150.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_target_mean vs Slug



Right In: 146.604+/-0.000 χ^2/NDF : 2218386296.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 145.203+/-0.000 χ^2/NDF : 3951100606.7/13

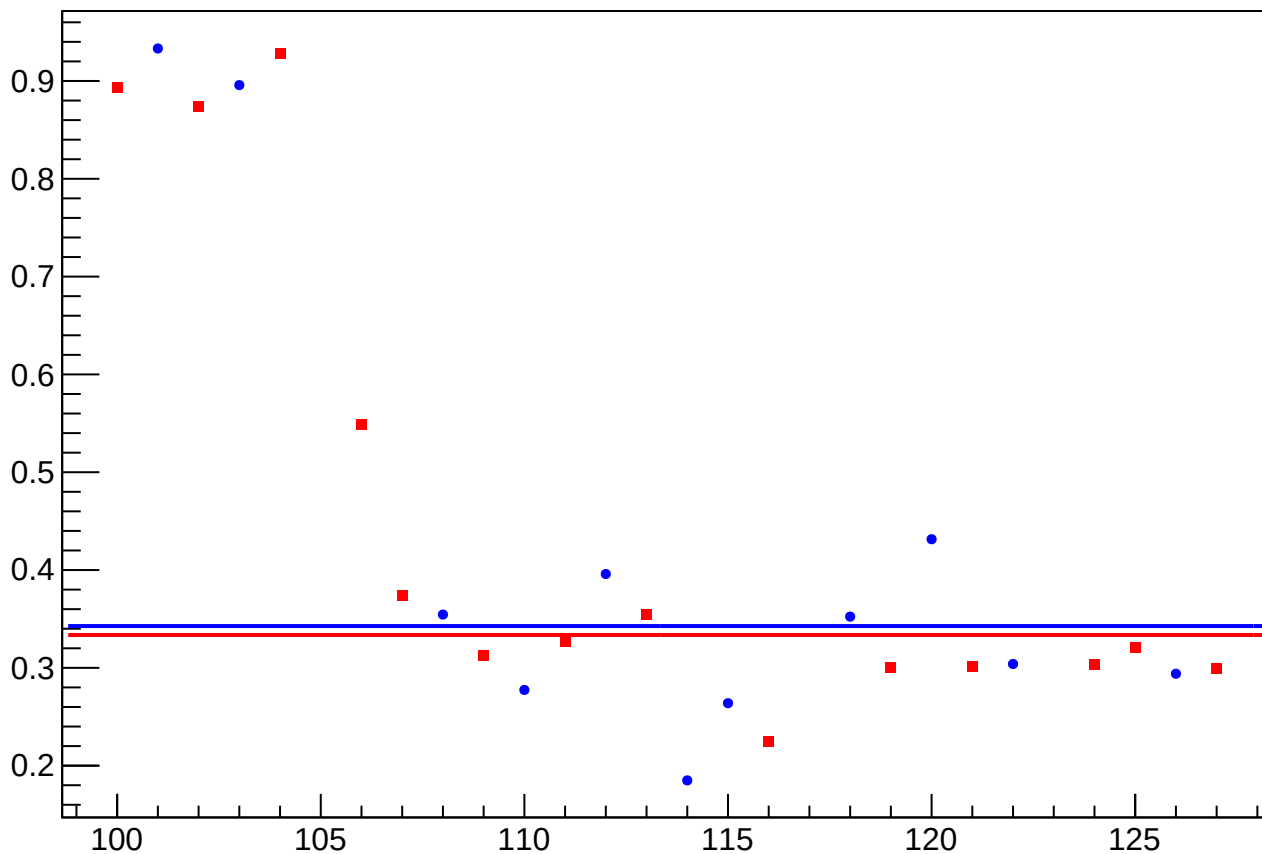
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.810+/-0.000 χ^2/NDF : 6202376452.9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_target_rms vs Slug



Right In: 0.343+/-0.000 χ^2/NDF : 1228570.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.334+/-0.000 χ^2/NDF : 1193660.8/13

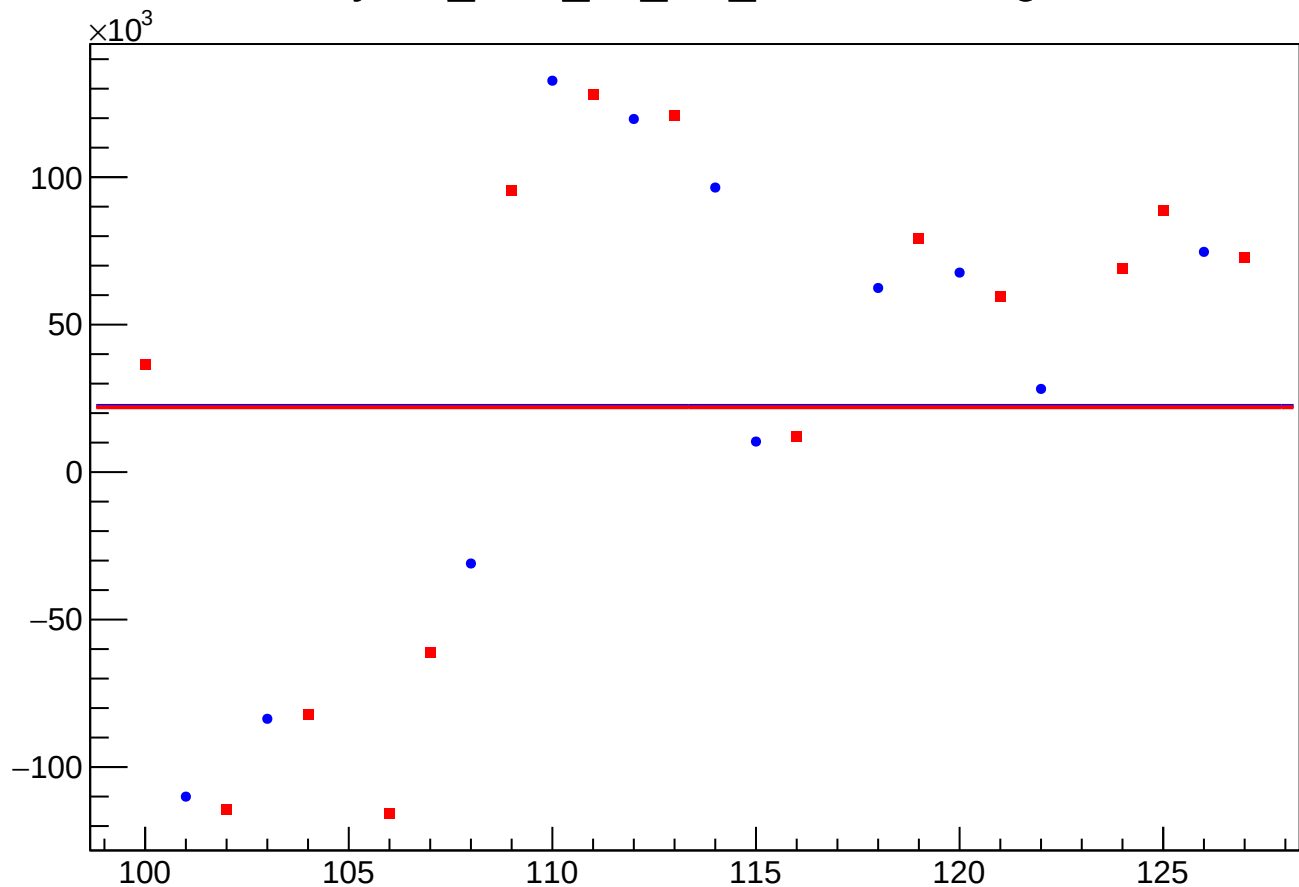
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.338+/-0.000 χ^2/NDF : 2425025.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_an_diff_mean vs Slug



Right In: 22427.435 $\pm$ 2.566 χ^2 /NDF: 1047161046.8/10

+ 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

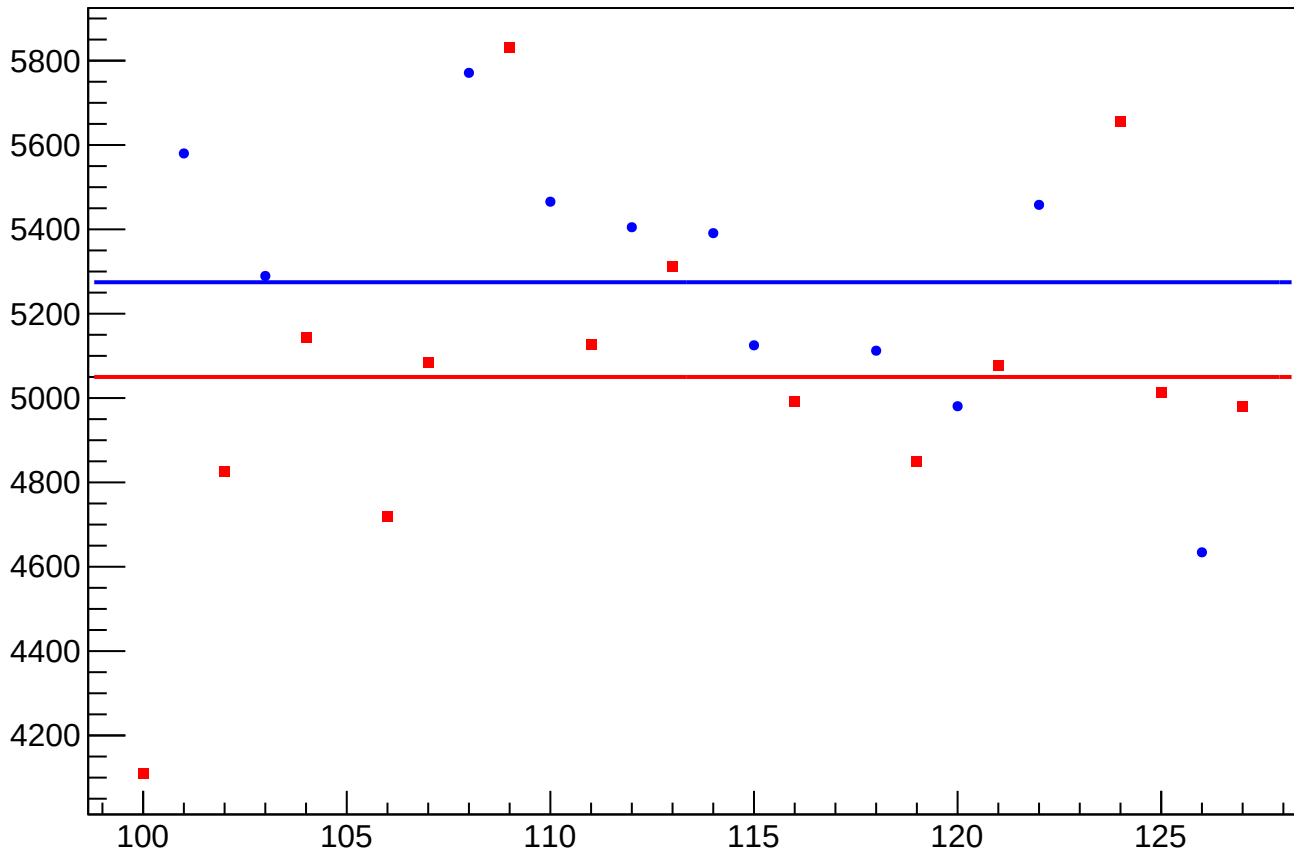
Right Out: 21993.457 $\pm$ 2.210 χ^2 /NDF: 1674839547.6/13

All: 22178.272 $\pm$ 1.675 χ^2 /NDF: 2722017014

- 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_an_diff_rms vs Slug



Right In: 5274.603+/-1.815 χ^2/NDF : 29823.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5049.970+/-1.563 χ^2/NDF : 39321.2/13

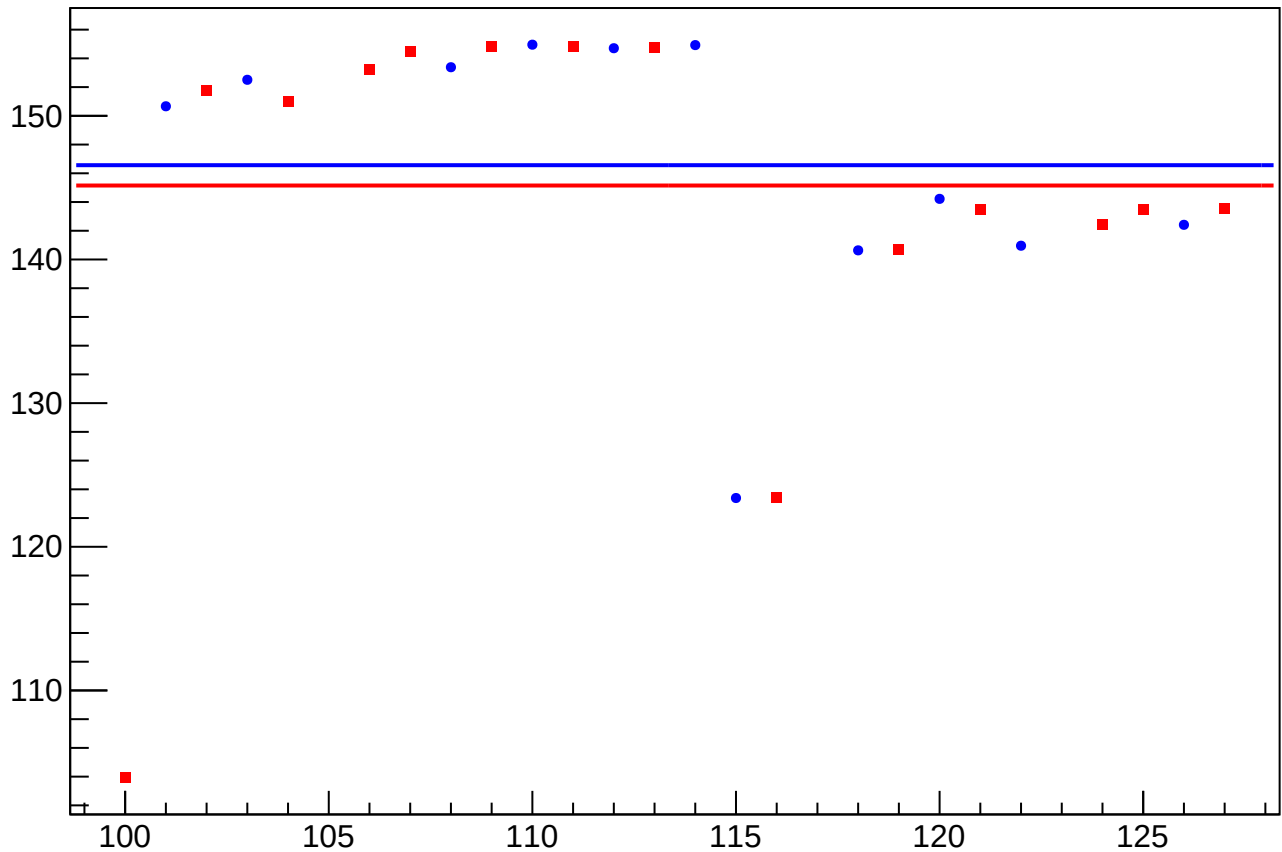
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5145.633+/-1.184 χ^2/NDF : 77942.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_an_ds_mean vs Slug



Right In: 146.564 $\pm$ 0.000 χ^2 /NDF: 2229724046.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 145.149 $\pm$ 0.000 χ^2 /NDF: 3978160415.8/13

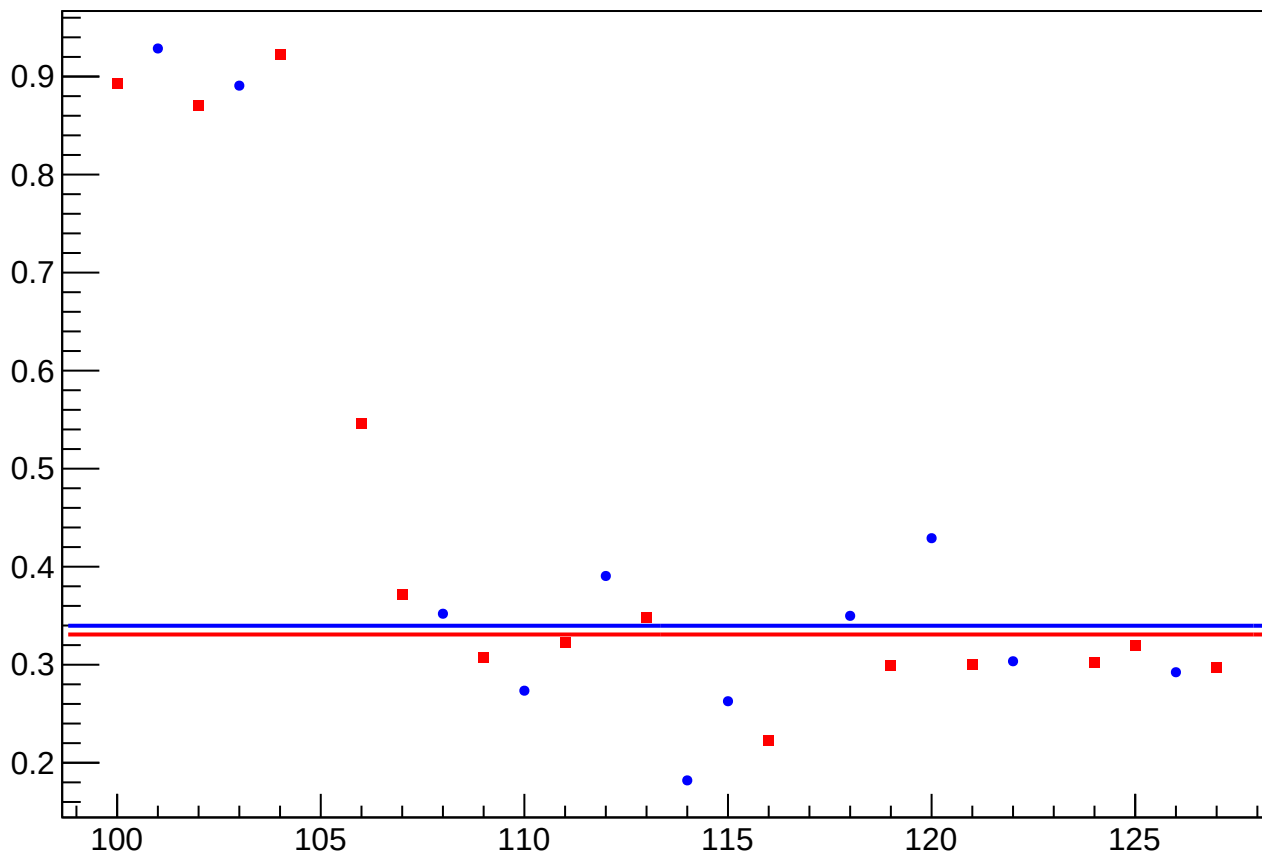
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 145.762 $\pm$ 0.000 χ^2 /NDF: 6241987791.0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bcm_an_ds_rms vs Slug



Right In: 0.340+/-0.000 χ^2/NDF : 1235158.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.331+/-0.000 χ^2/NDF : 1195074.7/13

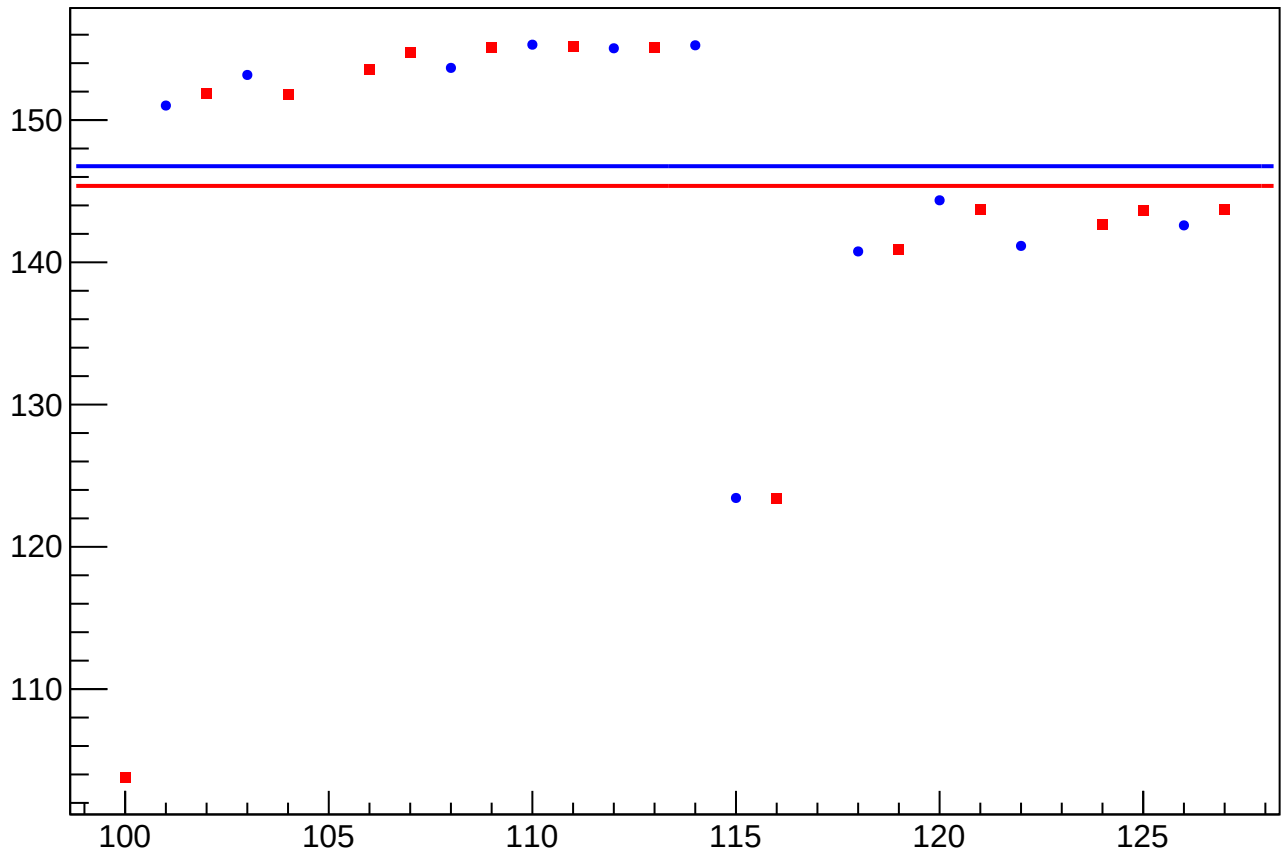
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.335+/-0.000 χ^2/NDF : 2432948.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_an_ds3_mean vs Slug



Right In: 146.757 $\pm$ 0.000 χ^2 /NDF: 2238549853.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 145.371 $\pm$ 0.000 χ^2 /NDF: 3962006758.8/13

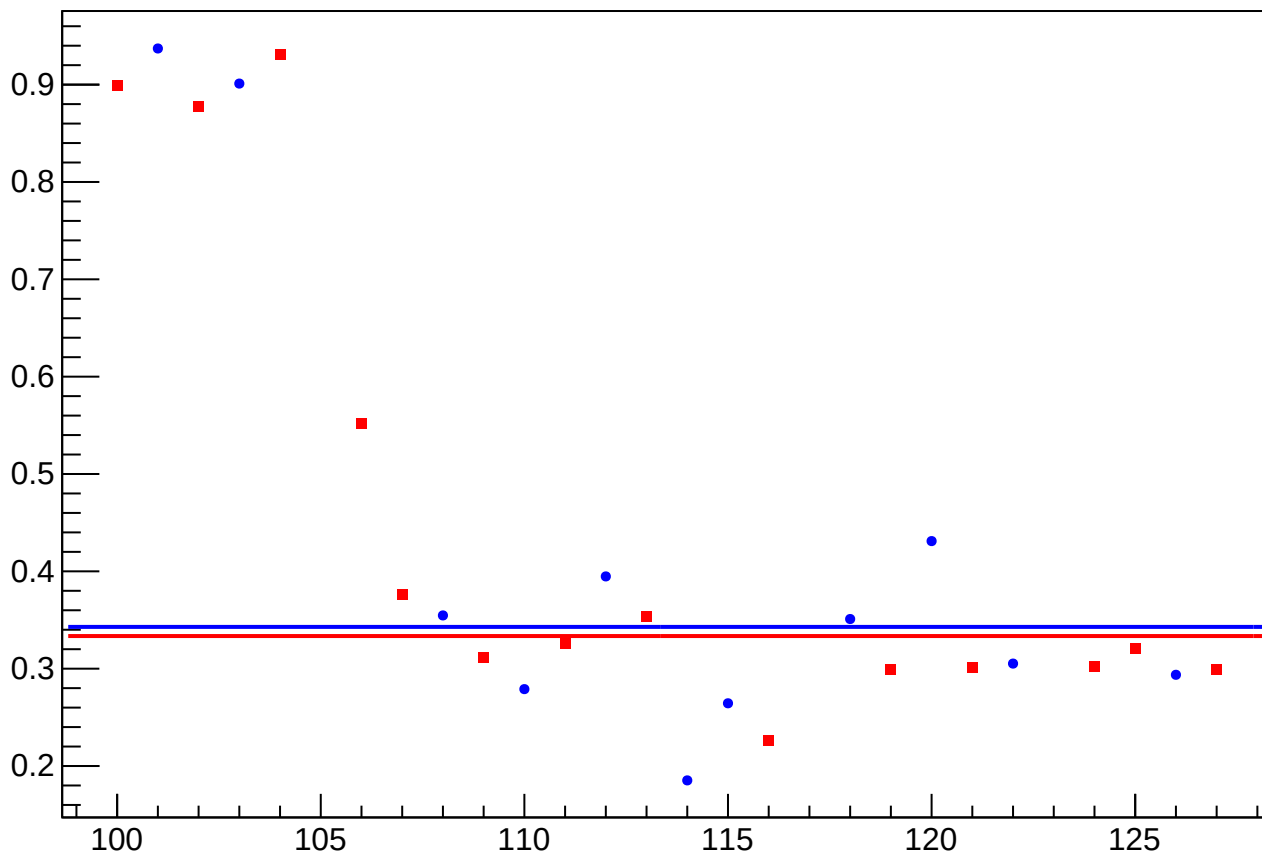
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 145.971 $\pm$ 0.000 χ^2 /NDF: 6232727050.4

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bcm_an_ds3_rms vs Slug



Right In: 0.343+/-0.000 χ^2/NDF : 1230104.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.334+/-0.000 χ^2/NDF : 1195815.6/13

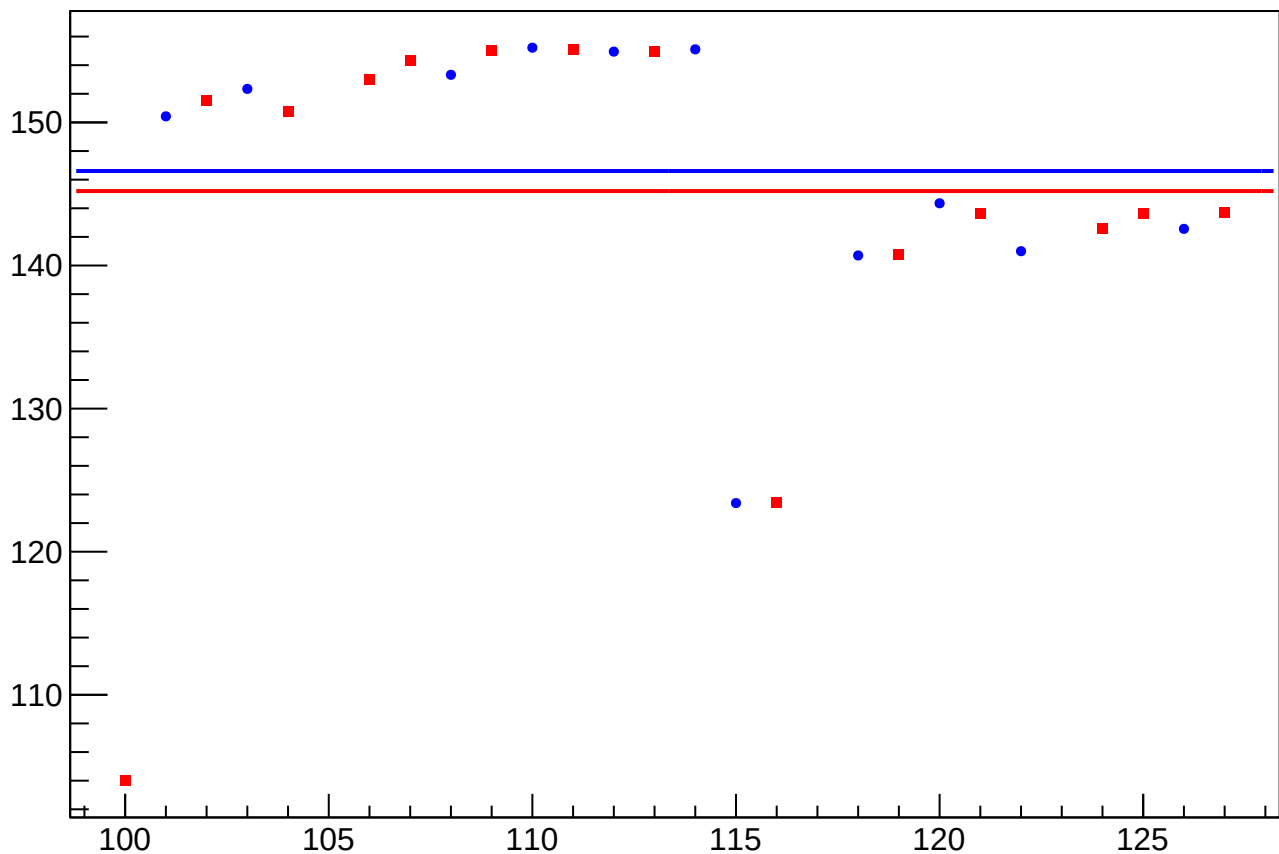
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.338+/-0.000 χ^2/NDF : 2428879.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_an_us_mean vs Slug



Right In: 146.604 $\pm$ 0.000 χ^2 /NDF: 2218386296.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 145.203 $\pm$ 0.000 χ^2 /NDF: 3951100606.7/13

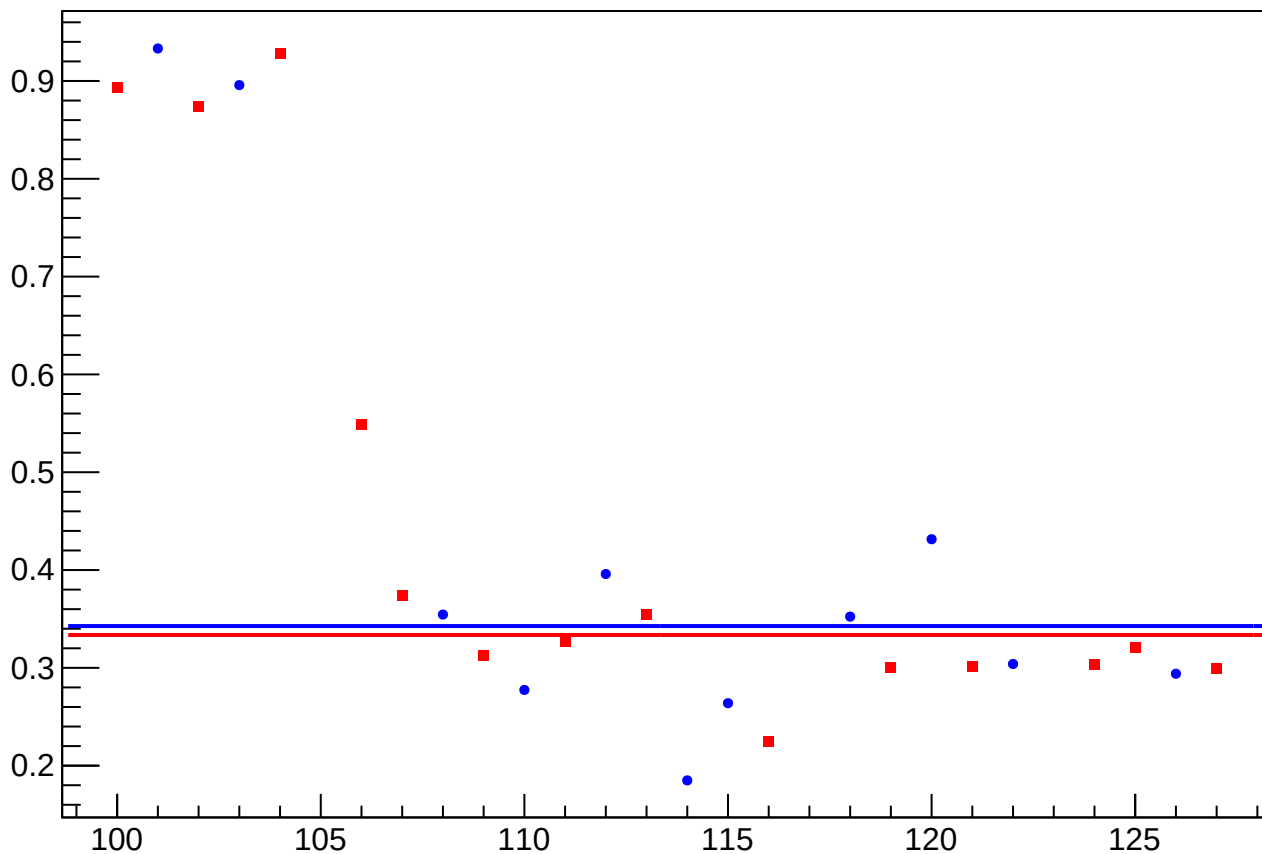
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 145.810 $\pm$ 0.000 χ^2 /NDF: 6202376452.9

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bcm_an_us_rms vs Slug



Right In: 0.343+/-0.000 χ^2/NDF : 1228570.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.334+/-0.000 χ^2/NDF : 1193660.8/13

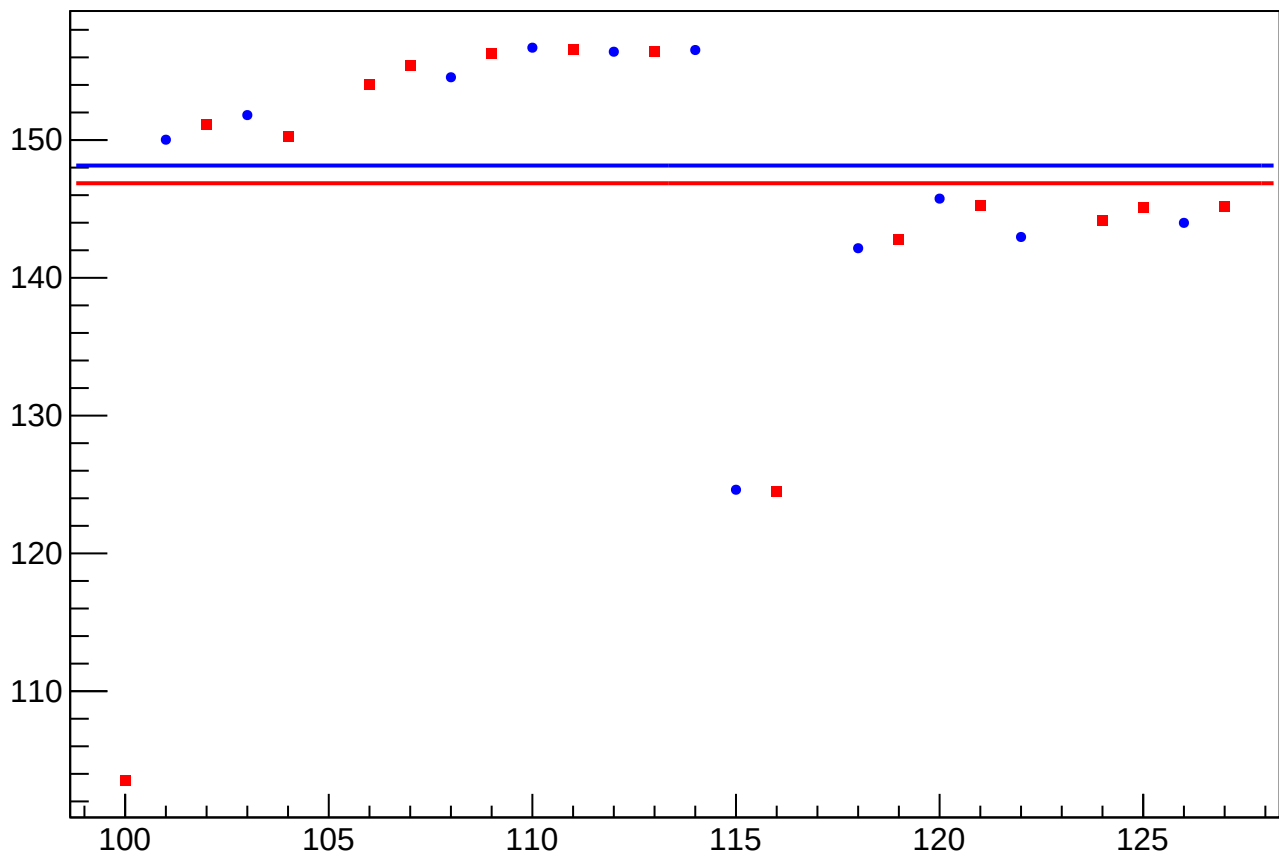
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.338+/-0.000 χ^2/NDF : 2425025.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_dg_us_mean vs Slug



Right In: 148.150+/-0.000 χ^2/NDF : 2036395809.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.865+/-0.000 χ^2/NDF : 3555455227.8/13

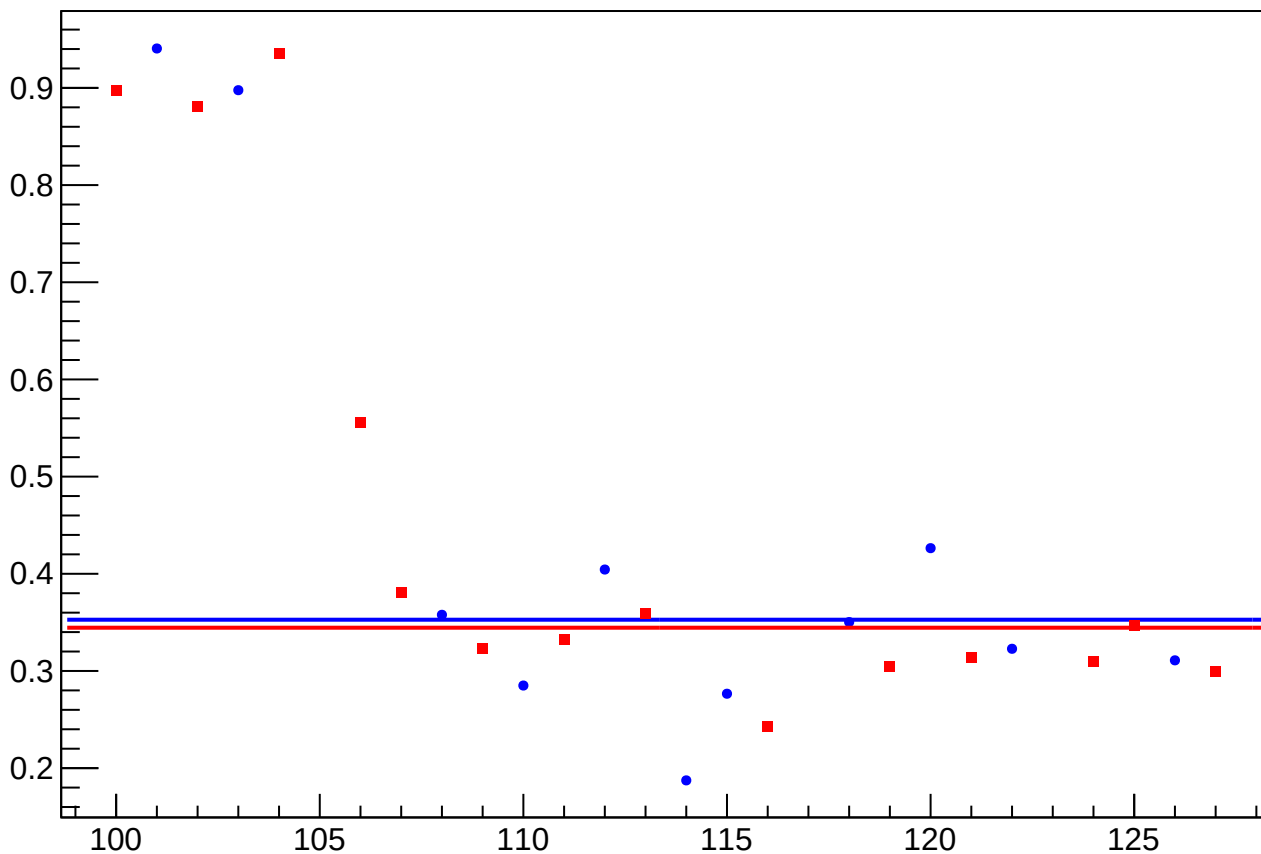
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.424+/-0.000 χ^2/NDF : 5618028709.6

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_dg_us_rms vs Slug



Right In: 0.353+/-0.000 χ^2/NDF : 1184023.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.345+/-0.000 χ^2/NDF : 1142495.8/13

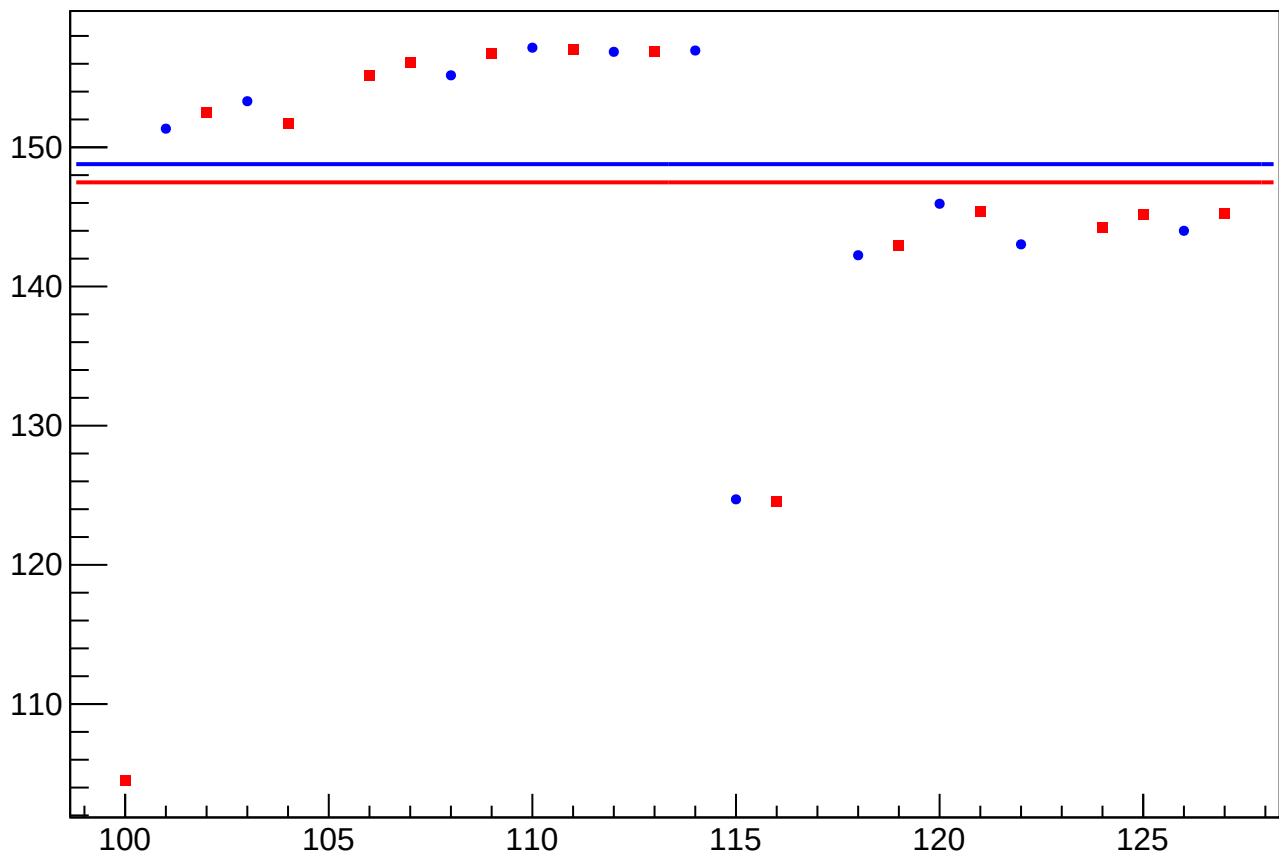
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.348+/-0.000 χ^2/NDF : 2328668.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_dg_ds_mean vs Slug



Right In: 148.789+/-0.000 χ^2/NDF : 2099195414.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.481+/-0.000 χ^2/NDF : 3623705566.2/13

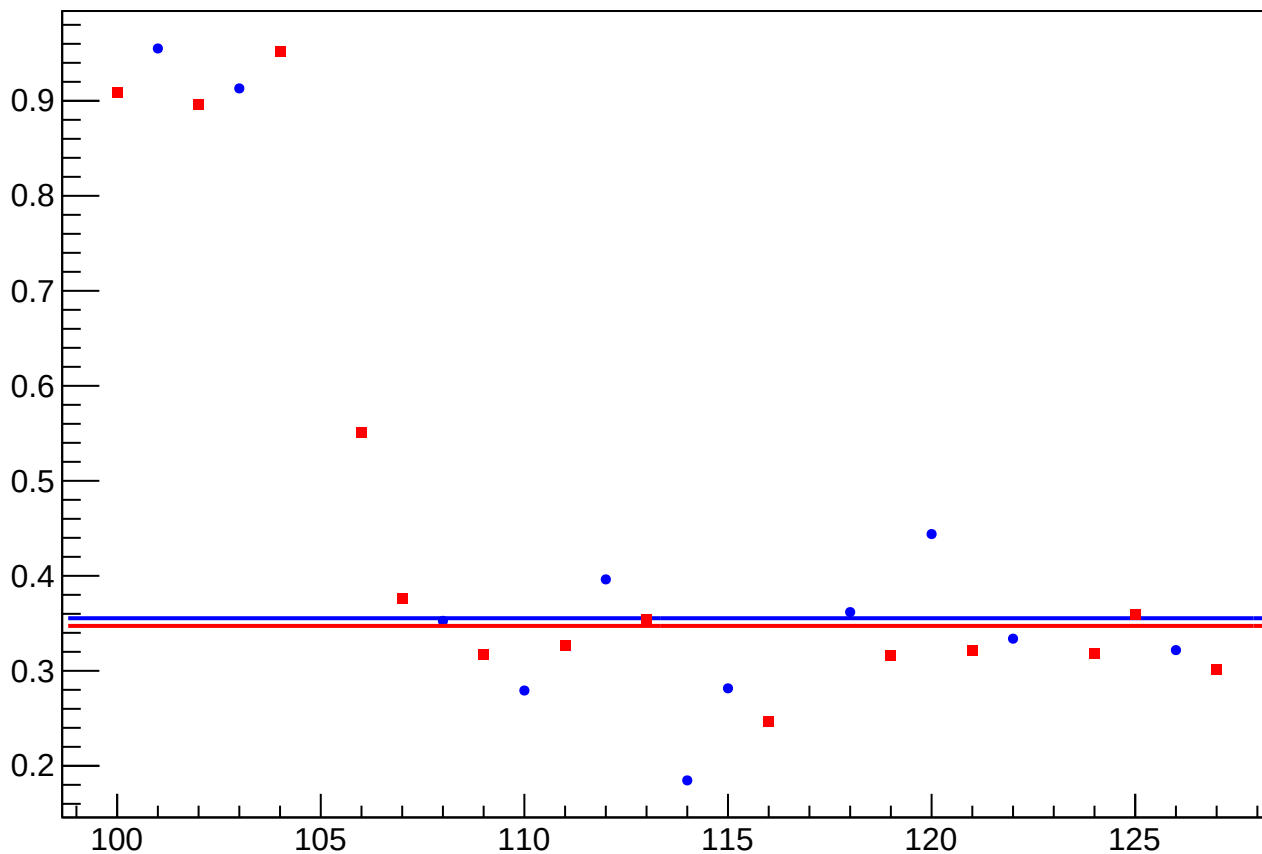
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.050+/-0.000 χ^2/NDF : 5749562233.7

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_dg_ds_rms vs Slug



Right In: 0.355+/-0.000 χ^2/NDF : 1209768.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.347+/-0.000 χ^2/NDF : 1136571.0/13

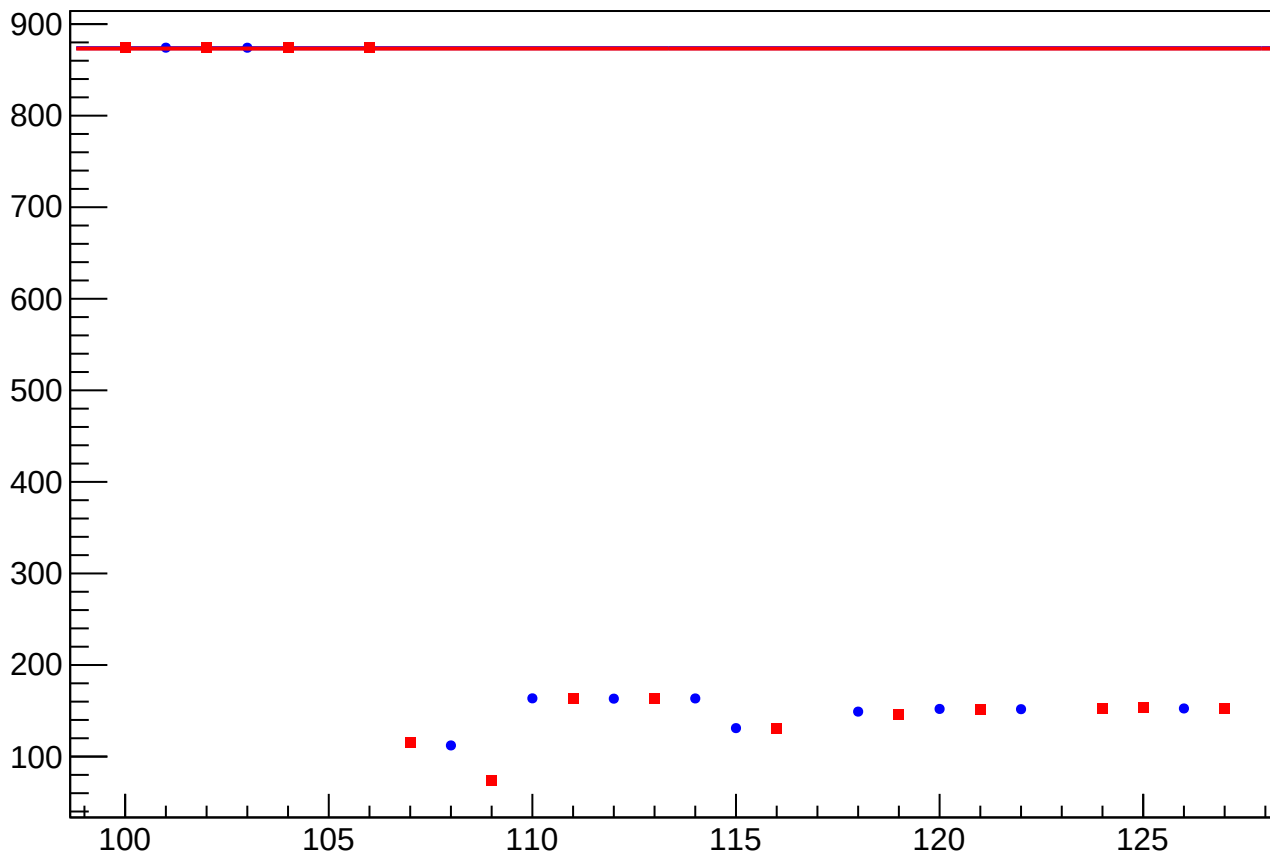
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.351+/-0.000 χ^2/NDF : 2348381.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bQ_mean vs Slug



Right In: 873.697+/-0.000 χ^2/NDF : 2721392393072.3/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

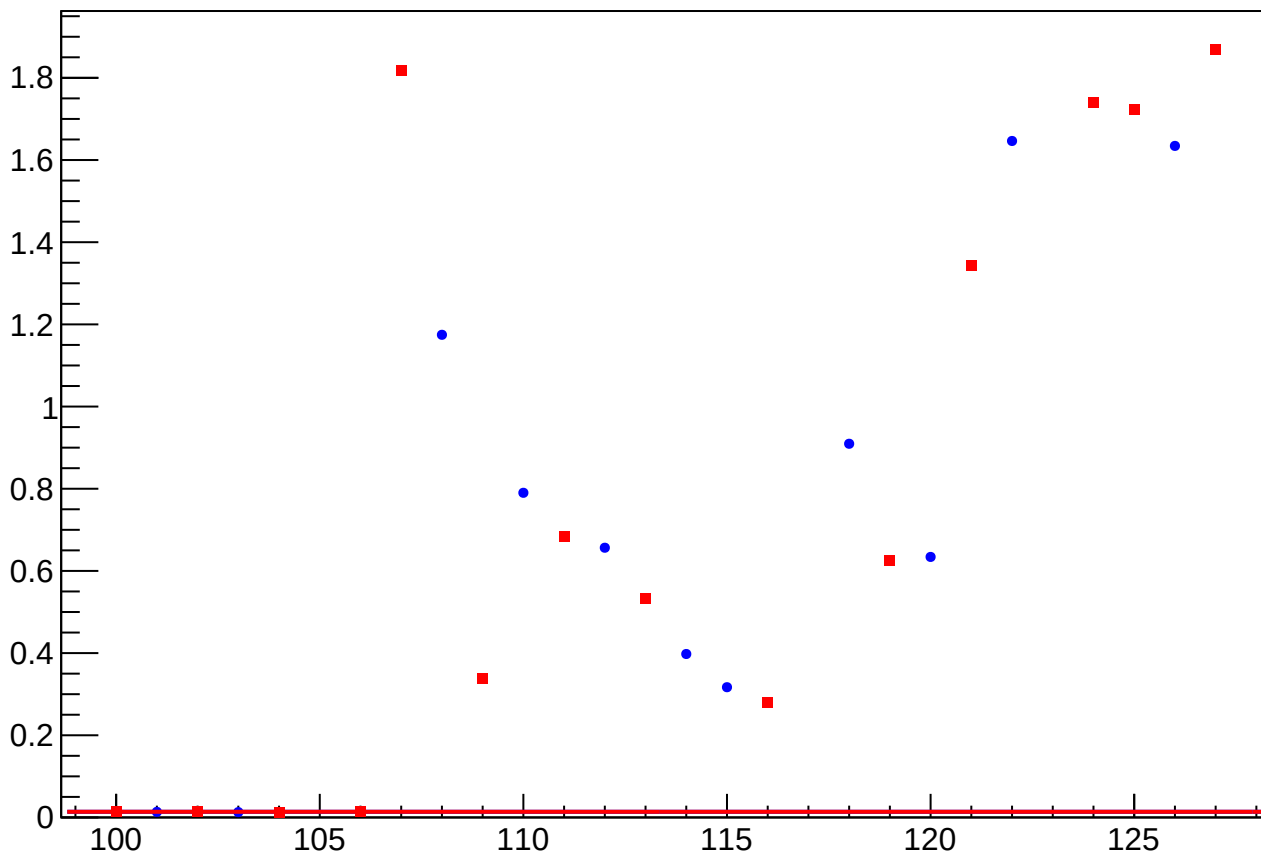
All: 873.463+/-0.000 χ^2/NDF : 845069175284.8/13

Right Out: 873.259+/-0.000 χ^2/NDF : 5728566637789.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bQ_rms vs Slug



Right In: 0.014 $\pm$ 0.000 χ^2 /NDF: 5234488.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.014 $\pm$ 0.000 χ^2 /NDF: 6159041.0/13

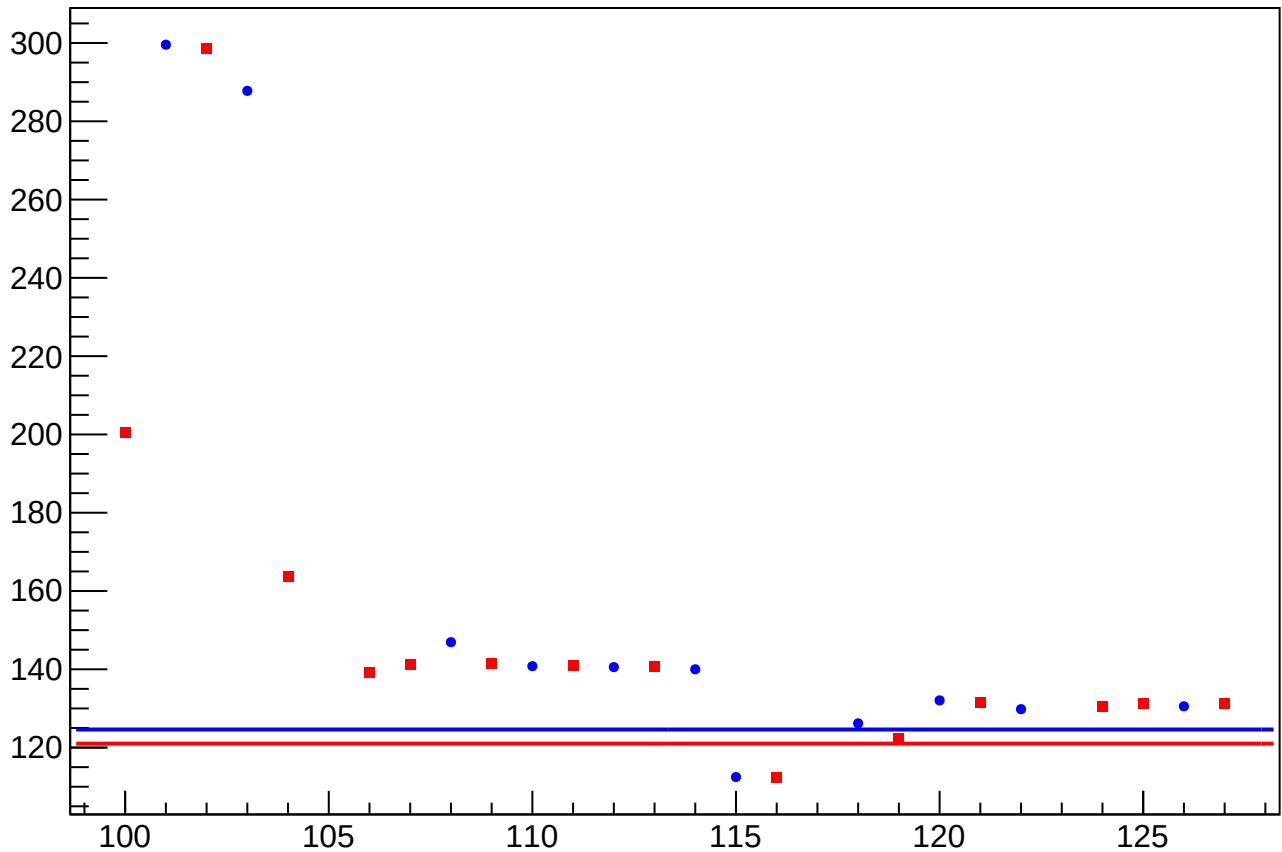
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.000 χ^2 /NDF: 11393566.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4cQ_mean vs Slug



Right In: 124.616+/-0.000 χ^2/NDF : 1242274336.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

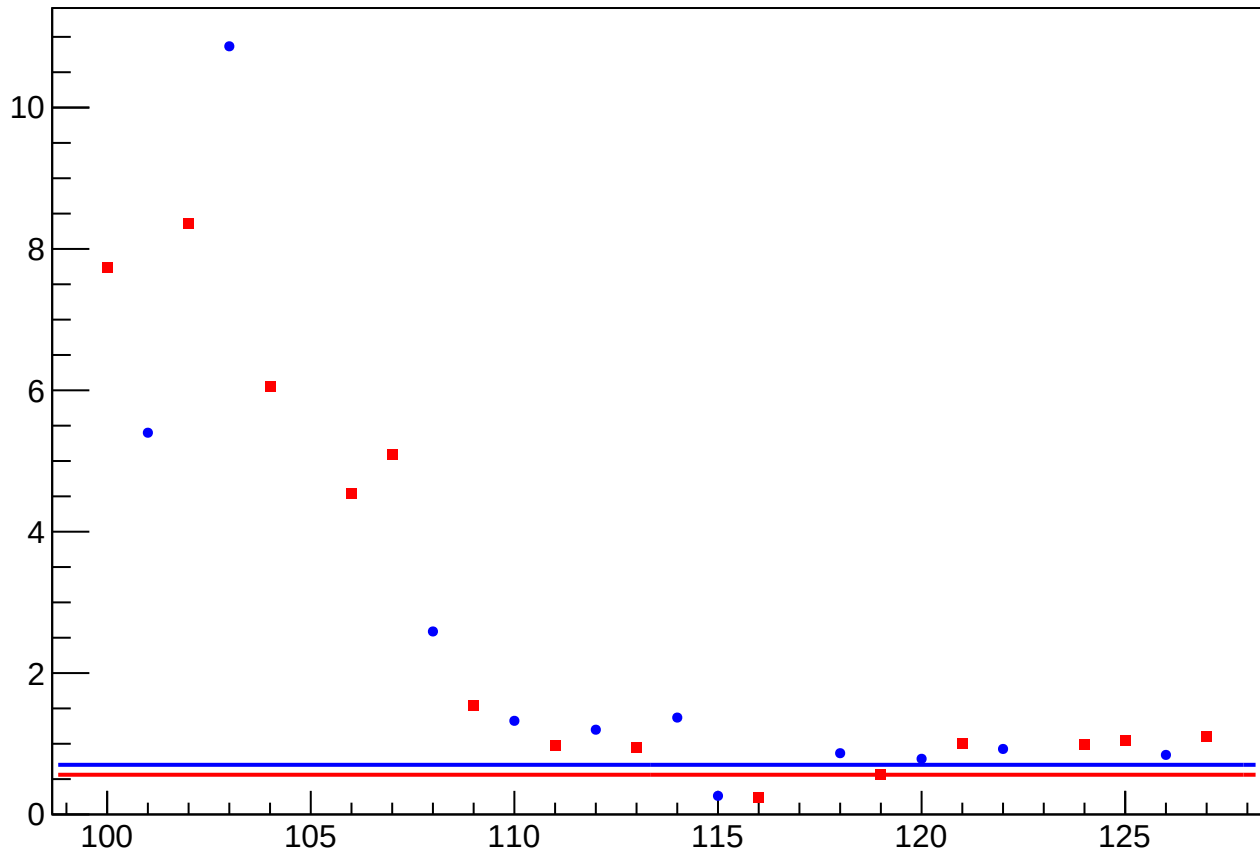
Right Out: 121.004+/-0.000 χ^2/NDF : 1122257845.5/13

All: 122.363+/-0.000 χ^2/NDF : 2400614537.0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4cQ_rms vs Slug



Right In: 0.702 $\pm$ 0.000 χ^2 /NDF: 3450695.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.562 $\pm$ 0.000 χ^2 /NDF: 4604960.4/13

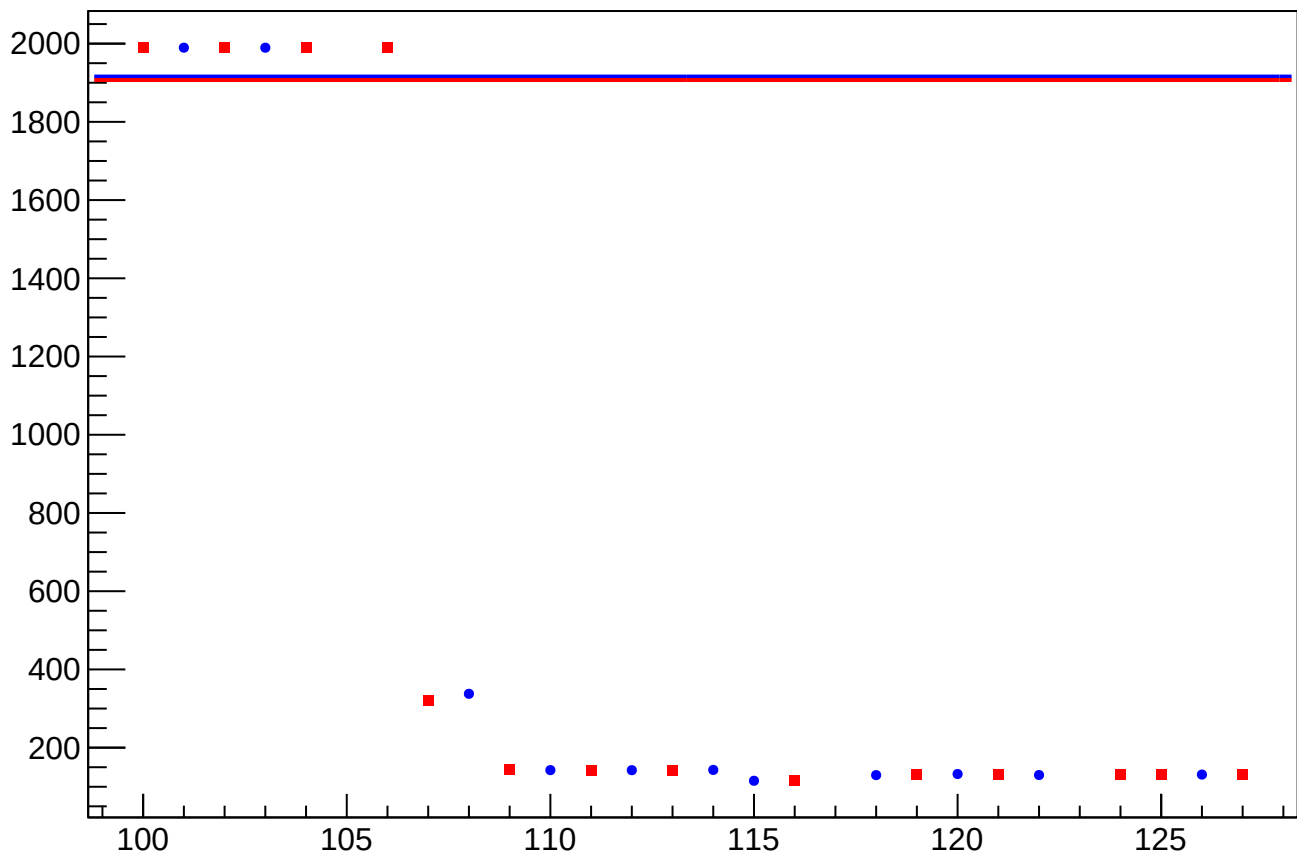
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.615 $\pm$ 0.000 χ^2 /NDF: 8164871.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4dQ_mean vs Slug



Right In: 1915.765+/-0.000 χ^2/NDF : 71883974678525.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

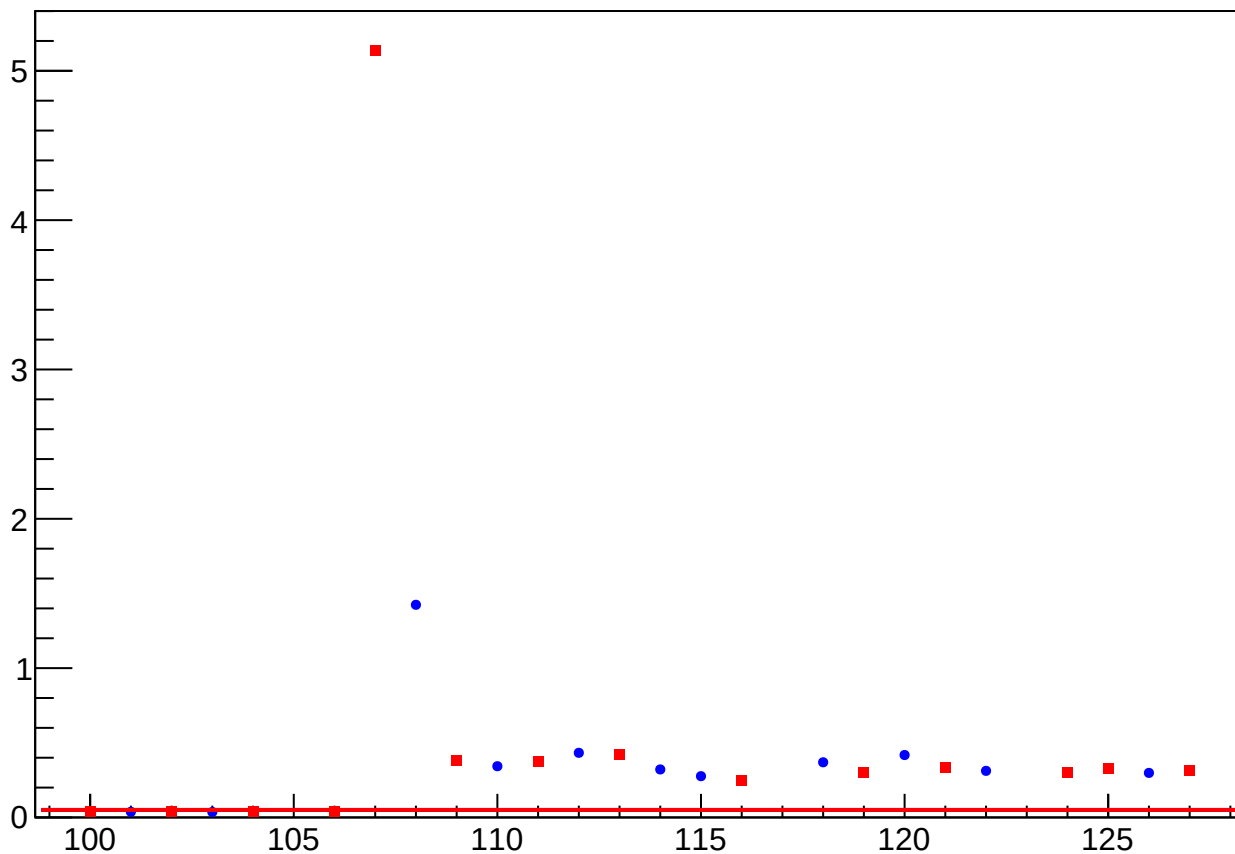
All: 1910.989+/-0.000 χ^2/NDF : 16732105275

Right Out: 1906.980+/-0.000 χ^2/NDF : 95414166759818.6/13

- 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: 0.050+/-0.000 χ^2/NDF : 4573380.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.050+/-0.000 χ^2/NDF : 5045789.2/13

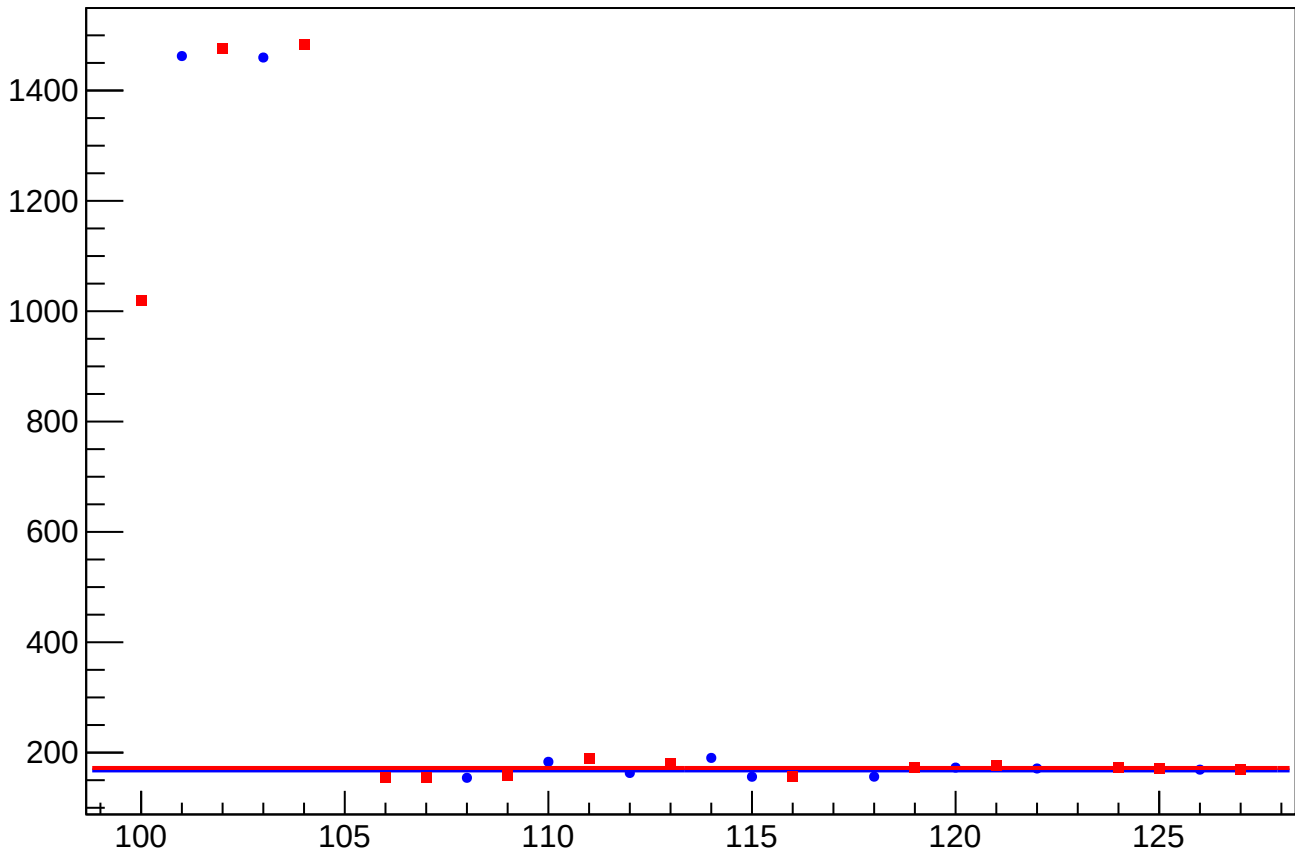
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.050+/-0.000 χ^2/NDF : 9619268.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm0l02_mean vs Slug



Right In: 167.683+/-0.001 χ^2/NDF : 14338525422.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

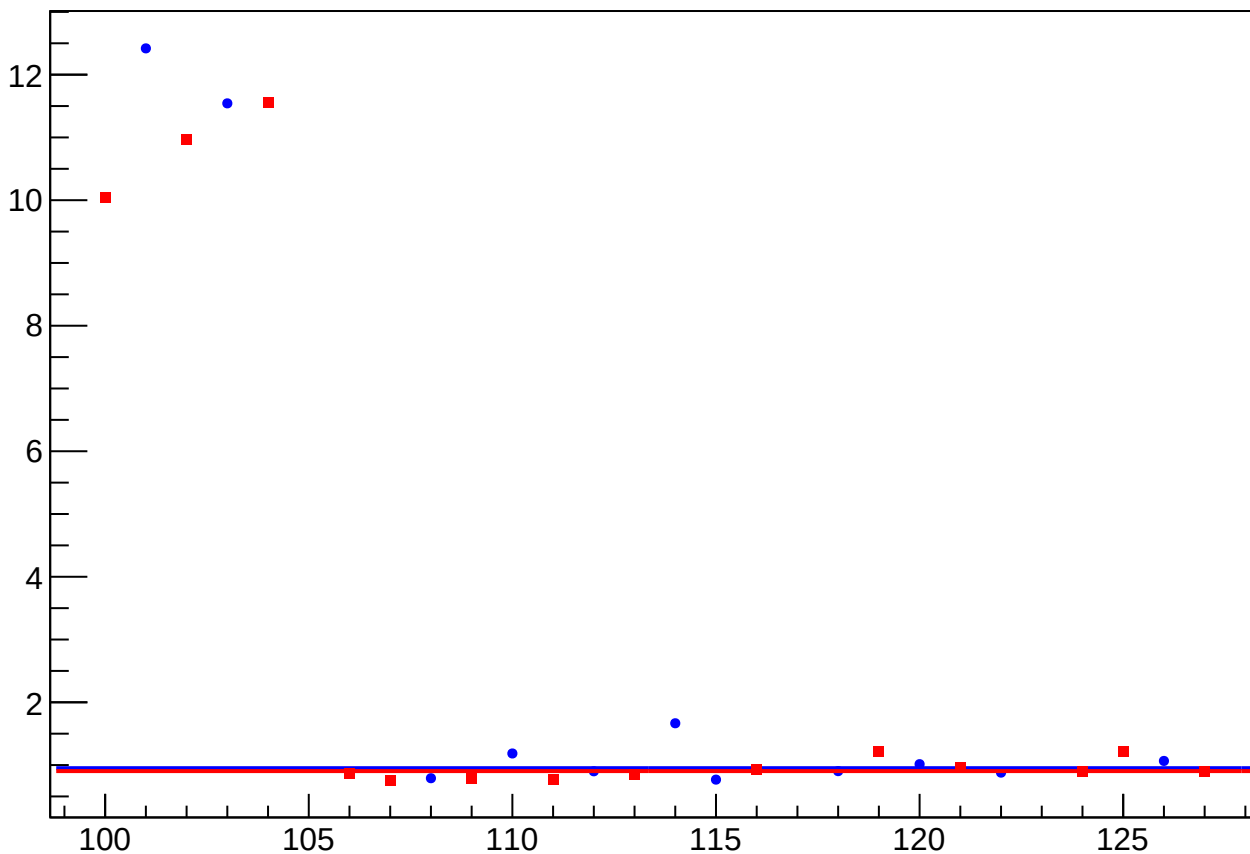
Right Out: 172.169+/-0.001 χ^2/NDF : 16042880418.6/13

All: 170.245+/-0.000 χ^2/NDF : 30412387202.0

- 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: 0.950+/-0.000 χ^2/NDF : 2150842.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.904+/-0.000 χ^2/NDF : 2115273.3/13

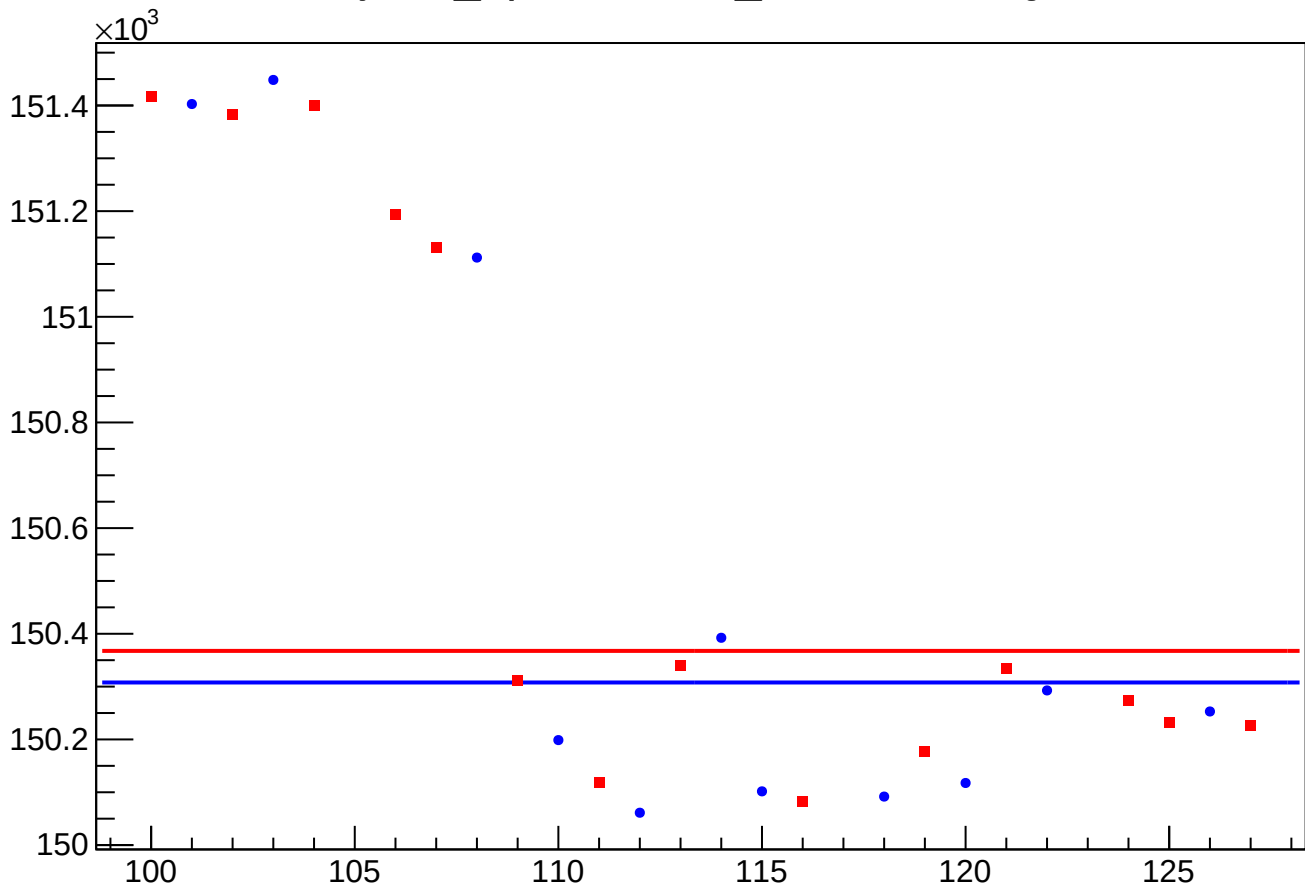
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.924+/-0.000 χ^2/NDF : 4272709.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i01WS_mean vs Slug



Right In: 150307.795 $\pm$ 0.066 χ^2 /NDF: 33178729.6/10

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

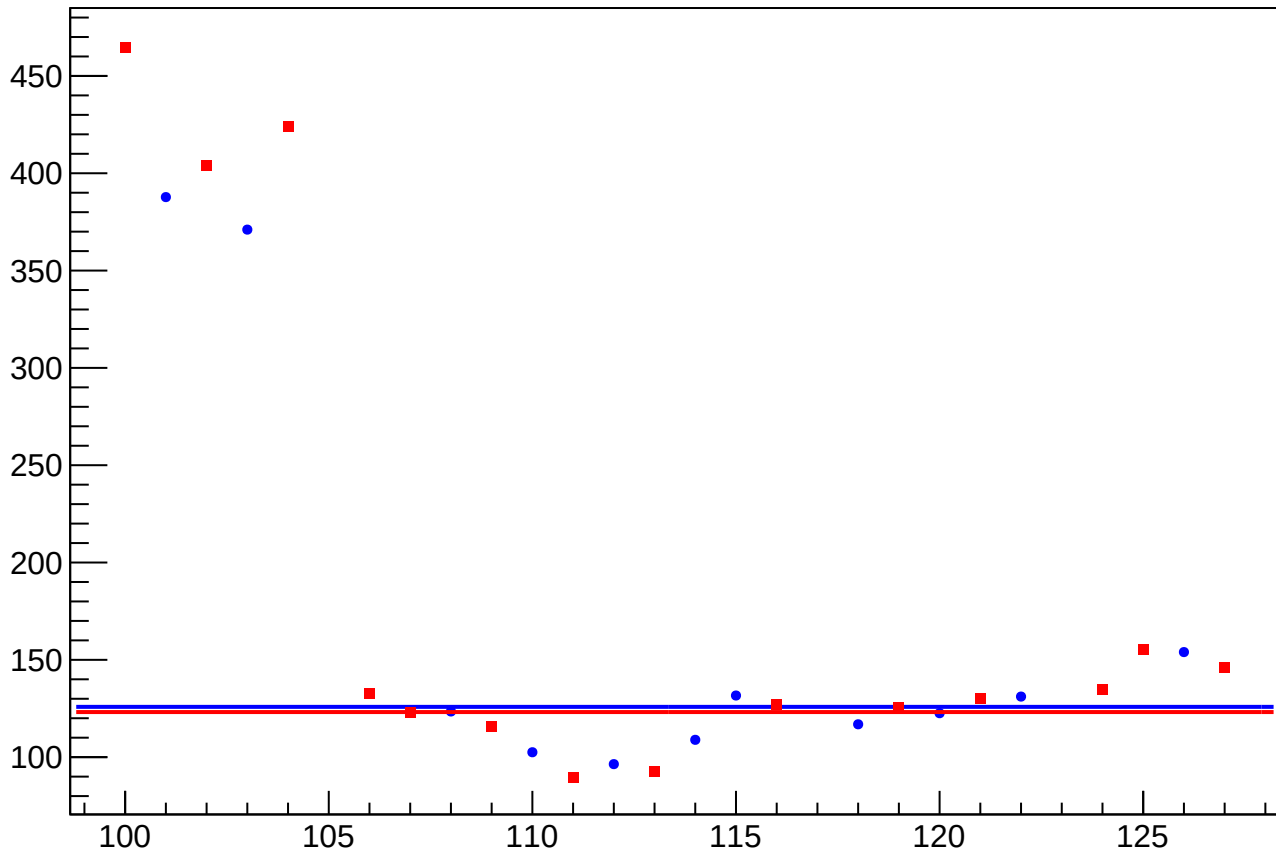
Right Out: 150367.591 $\pm$ 0.058 χ^2 /NDF: 35870974.4/13

All: 150341.601 $\pm$ 0.043 χ^2 /NDF: 69519573.

- 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: 125.843 $\pm$ 0.046 χ^2 /NDF: 1252546.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 123.171 $\pm$ 0.041 χ^2 /NDF: 1501769.4/13

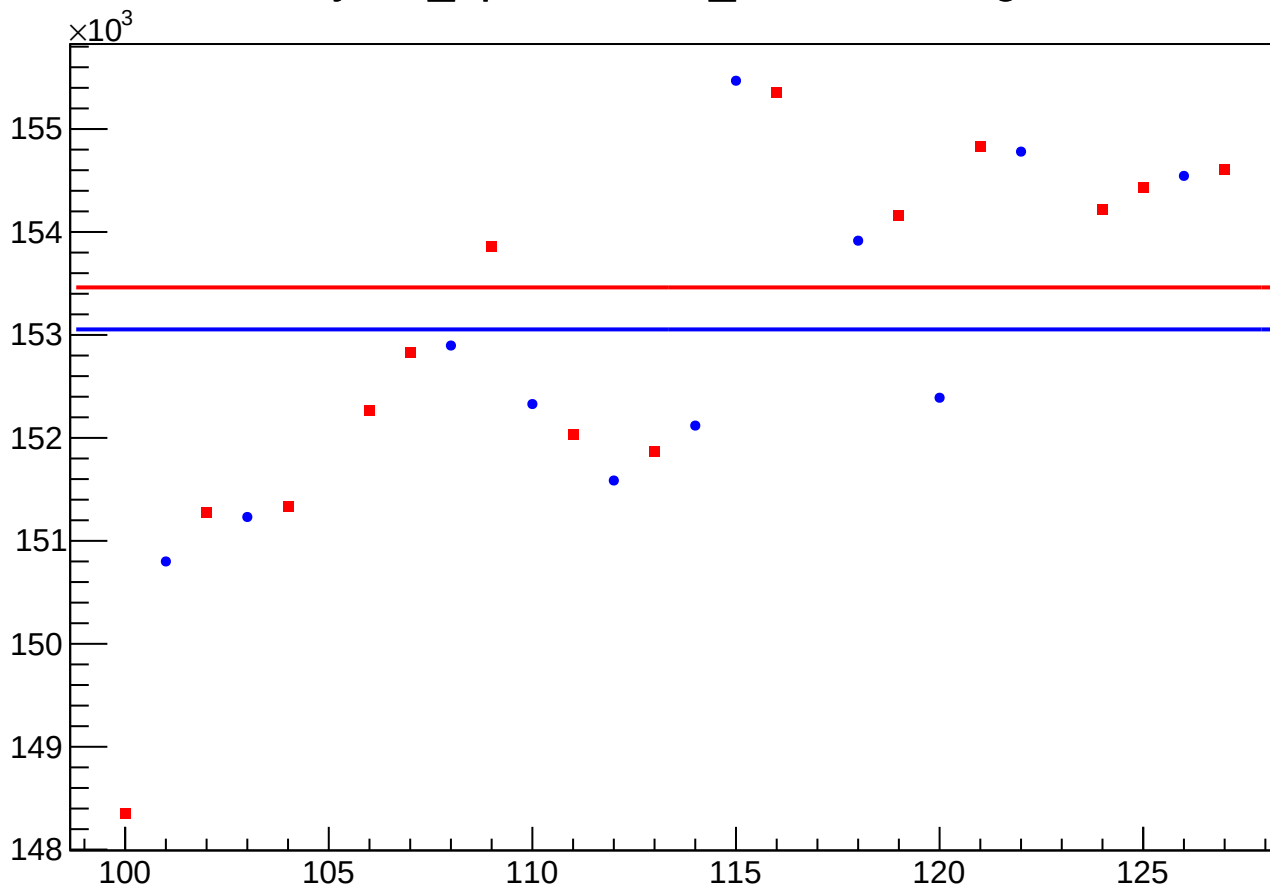
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 124.333 $\pm$ 0.031 χ^2 /NDF: 2756192.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i07WS_mean vs Slug



Right In: 153053.762 $\pm$ 0.098 χ^2 /NDF: 180202394.2/10

+ 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

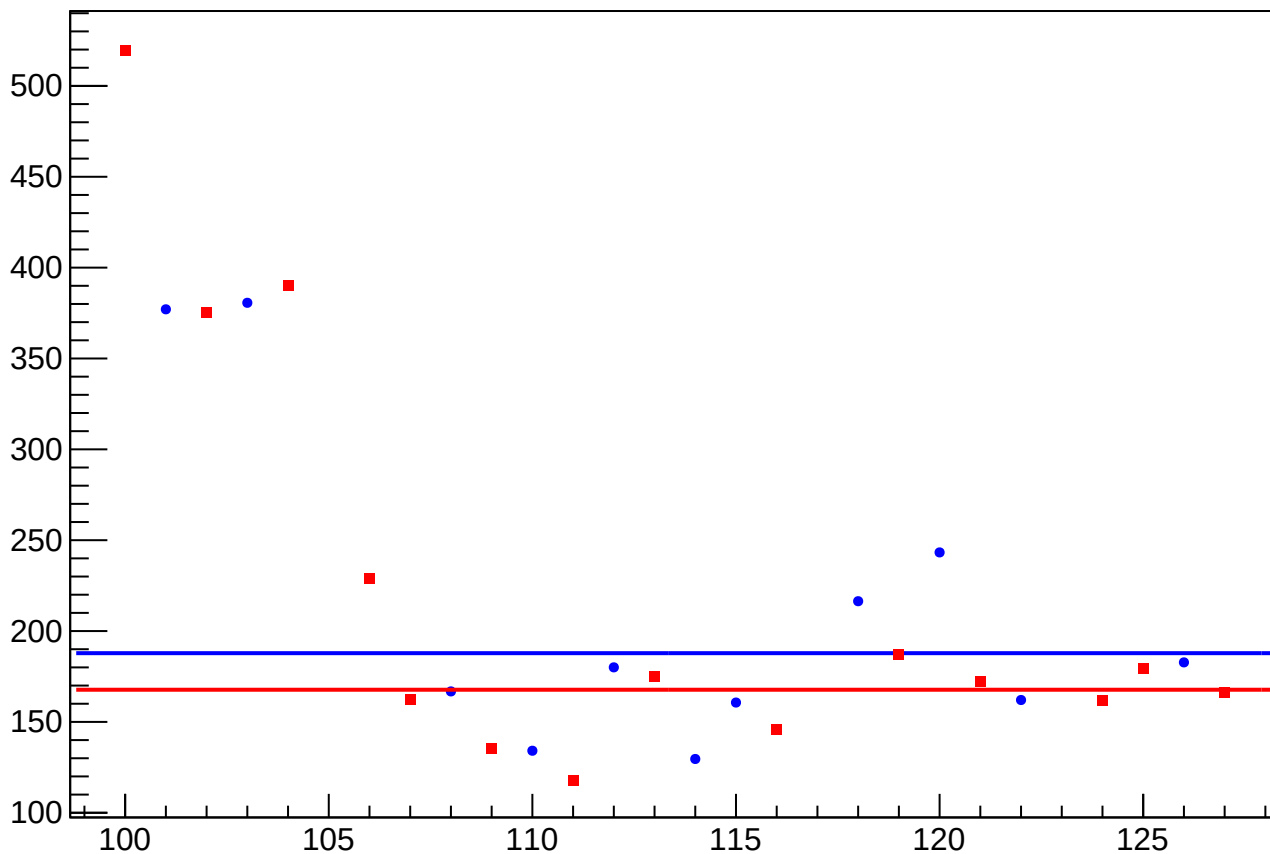
Right Out: 153461.788 $\pm$ 0.079 χ^2 /NDF: 254057963.4/13

All: 153301.924 $\pm$ 0.061 χ^2 /NDF: 444760428

- 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: 187.829+/-0.069 χ^2/NDF : 873884.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

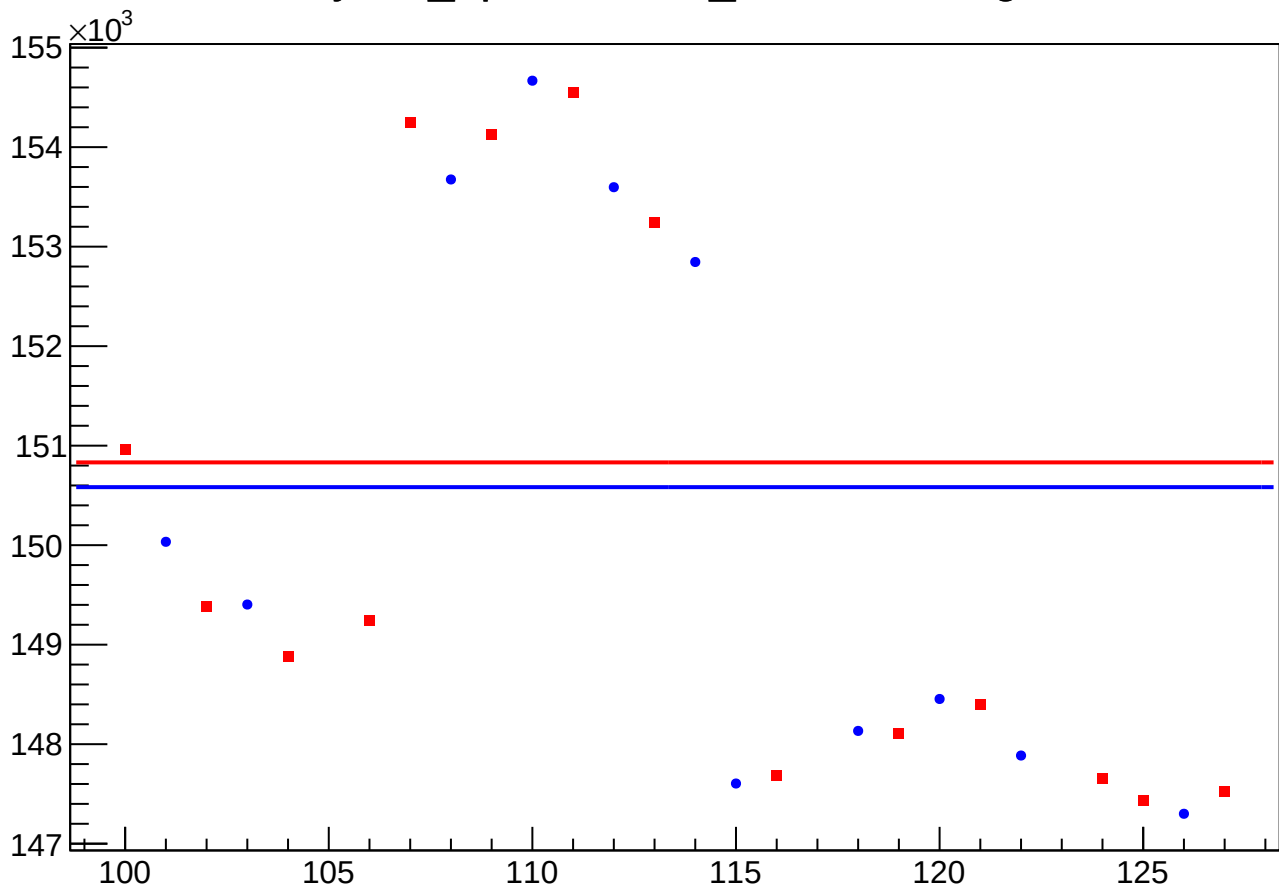
Right Out: 167.707+/-0.056 χ^2/NDF : 1066267.1/13

All: 175.591+/-0.043 χ^2/NDF : 1991227.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01WS_mean vs Slug



Right In: 150583.117 $\pm$ 0.077 χ^2 /NDF: 1441921181.7/10

+ 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

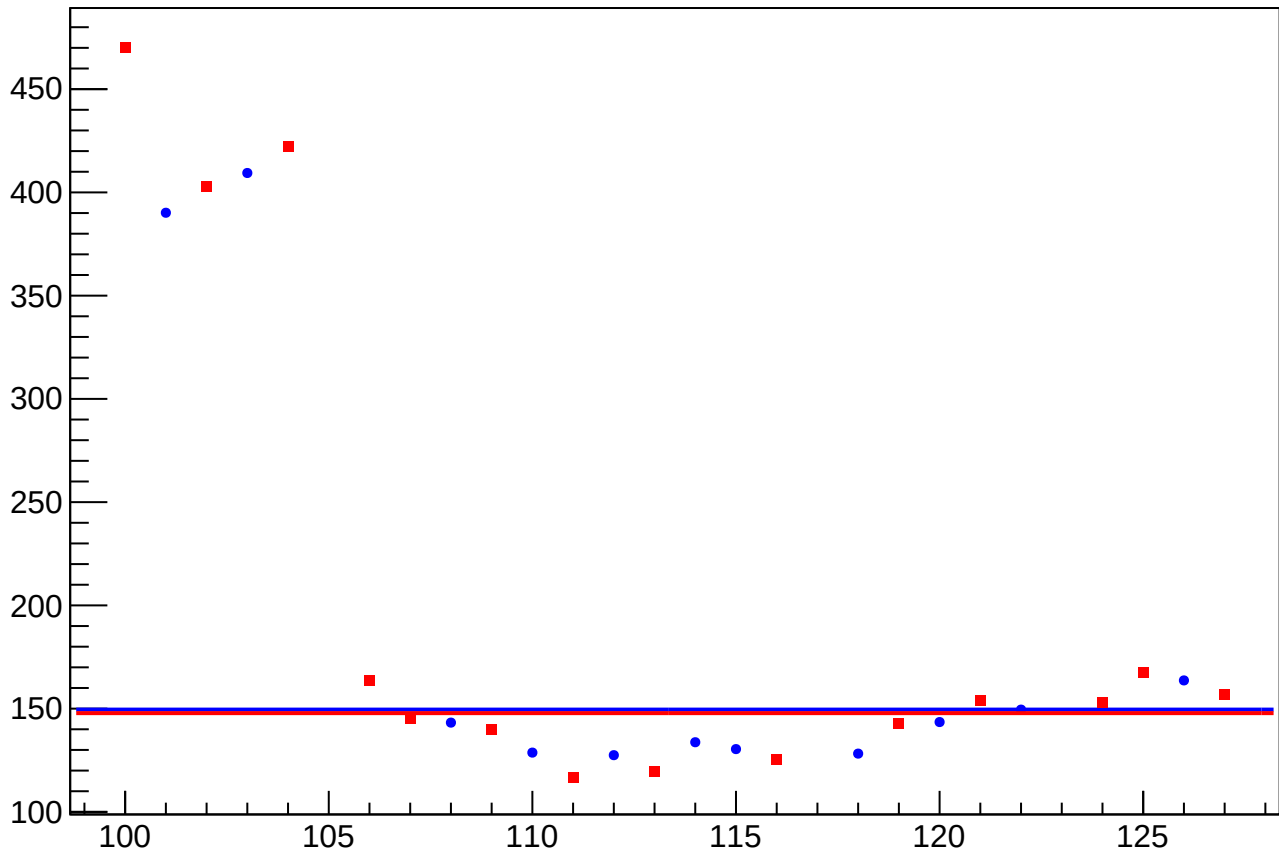
All: 150721.252 $\pm$ 0.051 χ^2 /NDF: 337814286

Right Out: 150831.835 $\pm$ 0.069 χ^2 /NDF: 1930383587.5/13

- 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: 149.534 $\pm$ 0.054 χ^2 /NDF: 1075226.5/10

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

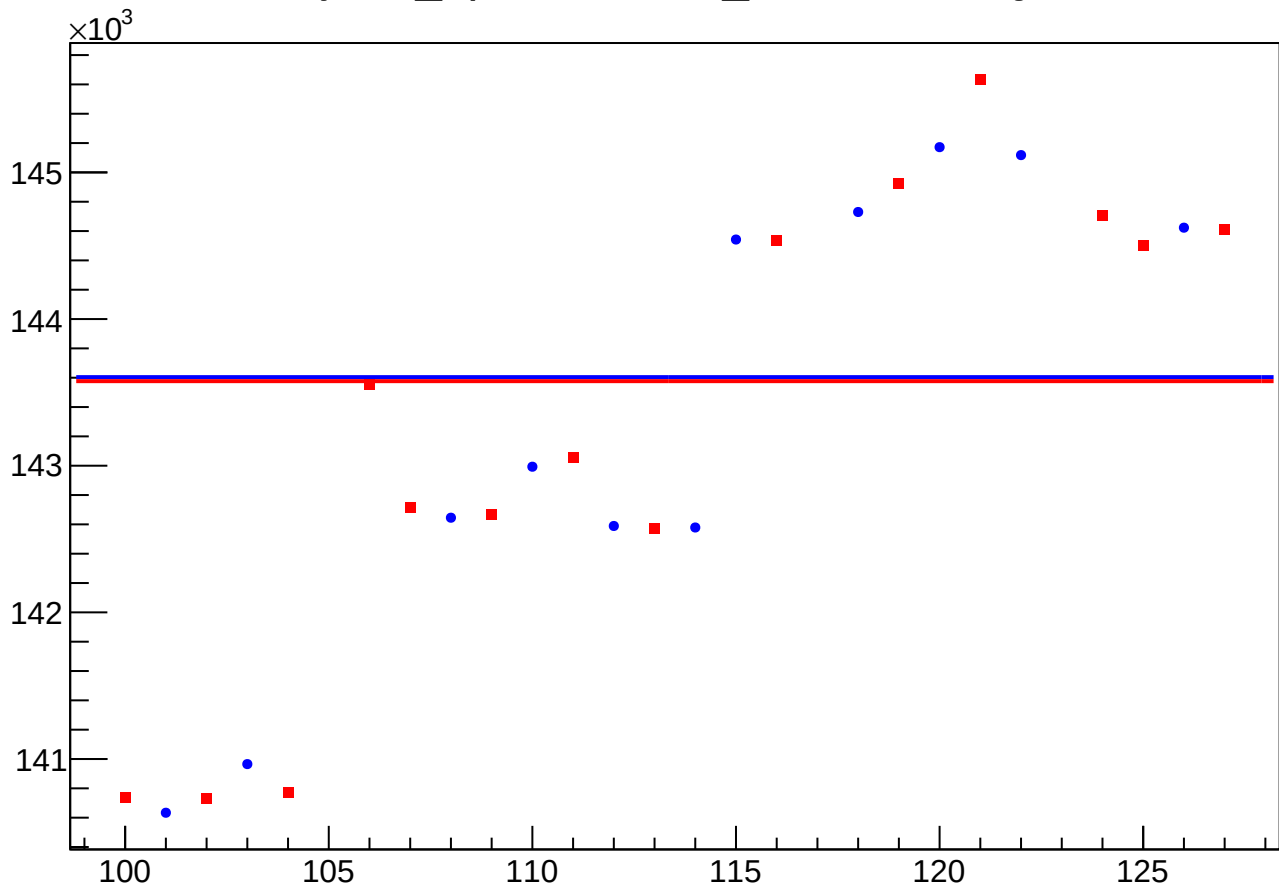
Right Out: 147.819 $\pm$ 0.049 χ^2 /NDF: 1172600.3/13

All: 148.582 $\pm$ 0.036 χ^2 /NDF: 2248382.1/24

- 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_mean vs Slug



Right In: 143603.966 $\pm$ 0.064 χ^2 /NDF: 356835200.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 143576.538 $\pm$ 0.056 χ^2 /NDF: 401997736.1/13

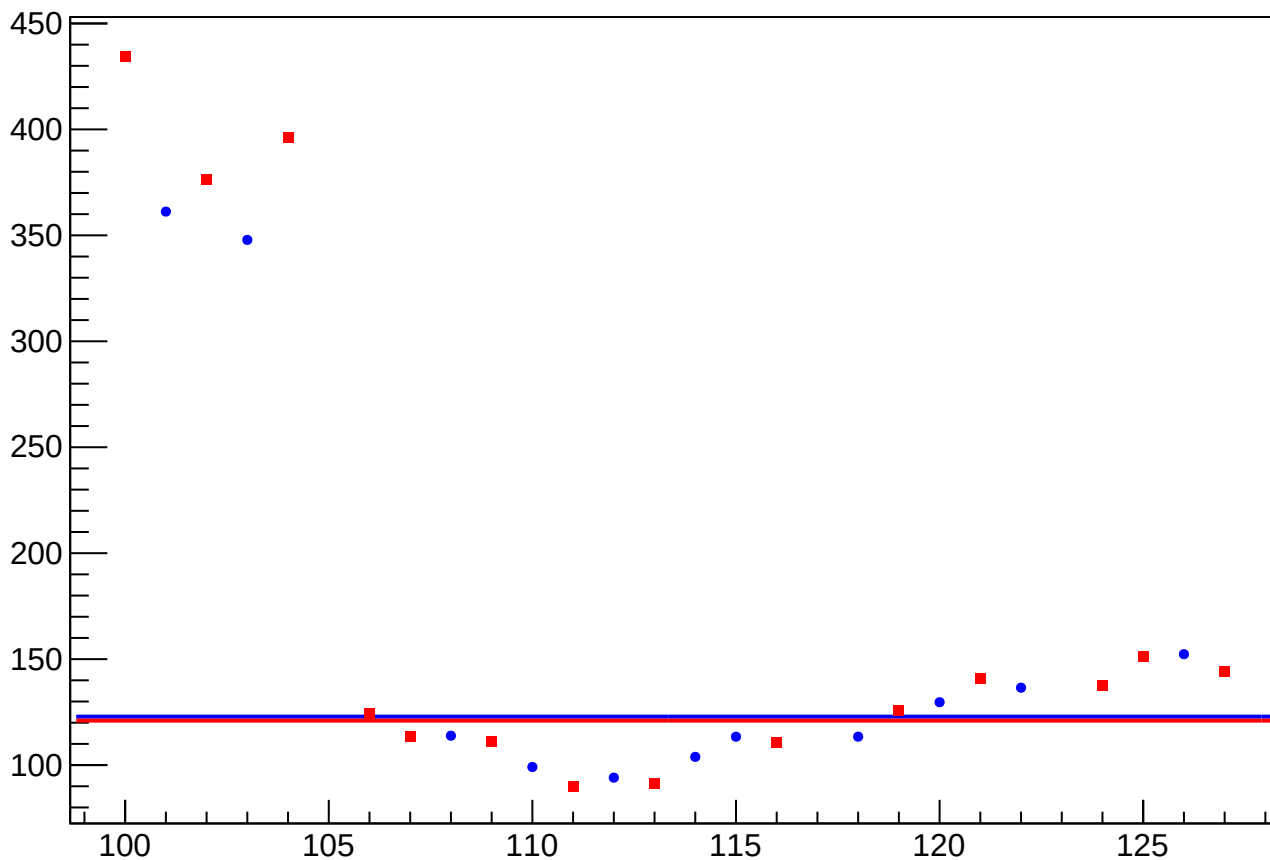
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 143588.513 $\pm$ 0.042 χ^2 /NDF: 758936444.0/13

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i01aWS_rms vs Slug



Right In: 122.870 $\pm$ 0.045 χ^2 /NDF: 1231800.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 120.979 $\pm$ 0.040 χ^2 /NDF: 1453141.8/13

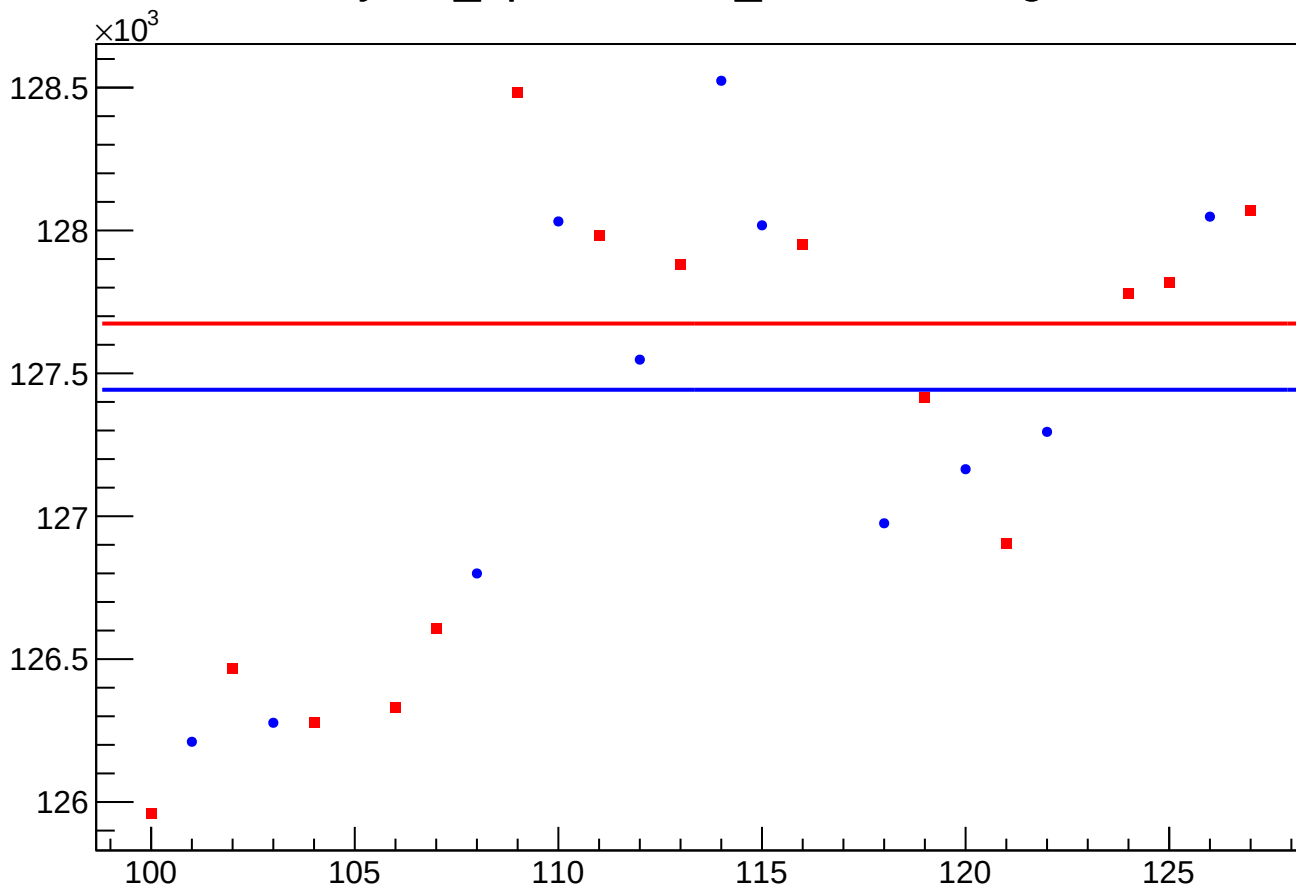
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 121.805 $\pm$ 0.030 χ^2 /NDF: 2685926.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l01WS_mean vs Slug



Right In: 127442.616 $\pm$ 0.076 χ^2 /NDF: 62778266.5/10

+ 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

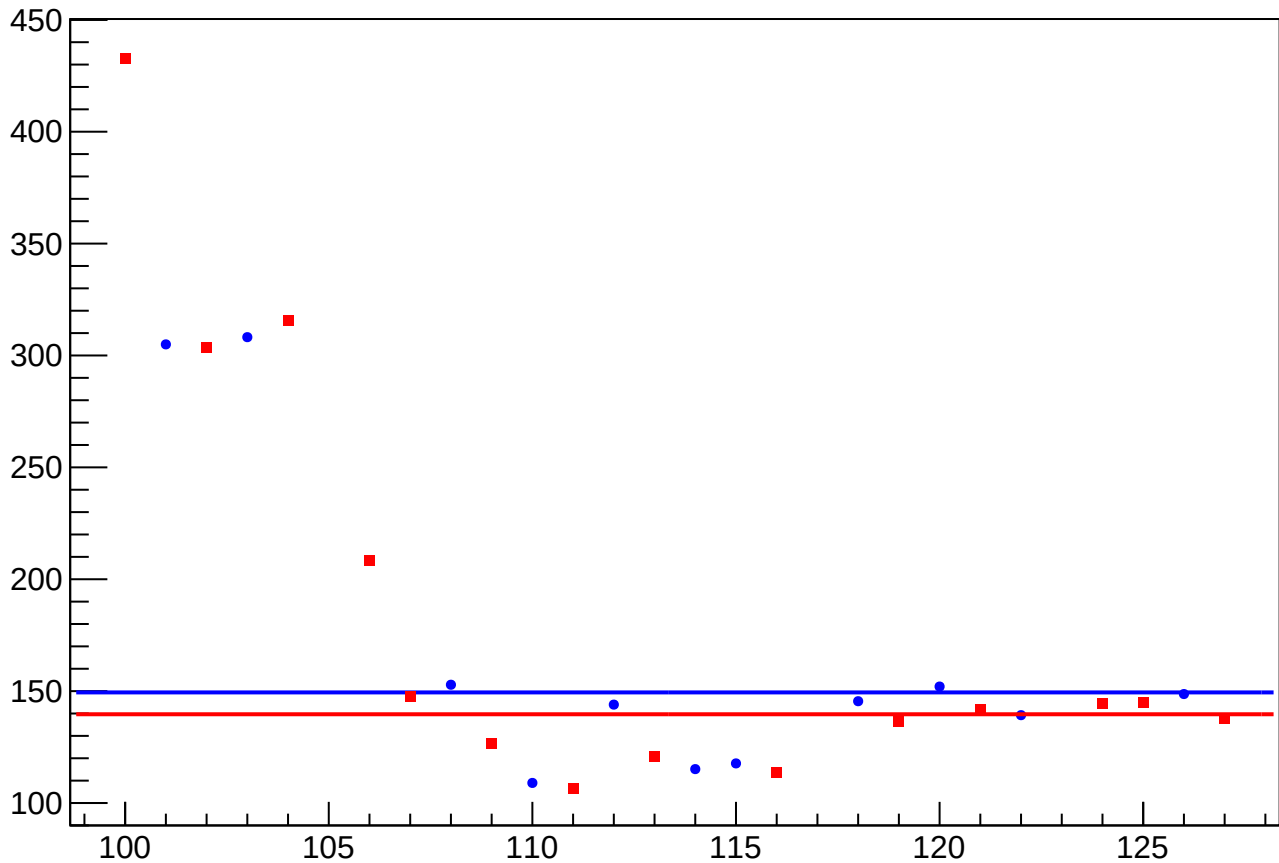
Right Out: 127674.275 $\pm$ 0.064 χ^2 /NDF: 90809513.4/13

All: 127578.113 $\pm$ 0.049 χ^2 /NDF: 159067238

- 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: 149.426+/-0.054 χ^2/NDF : 803441.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.665+/-0.045 χ^2/NDF : 970620.6/13

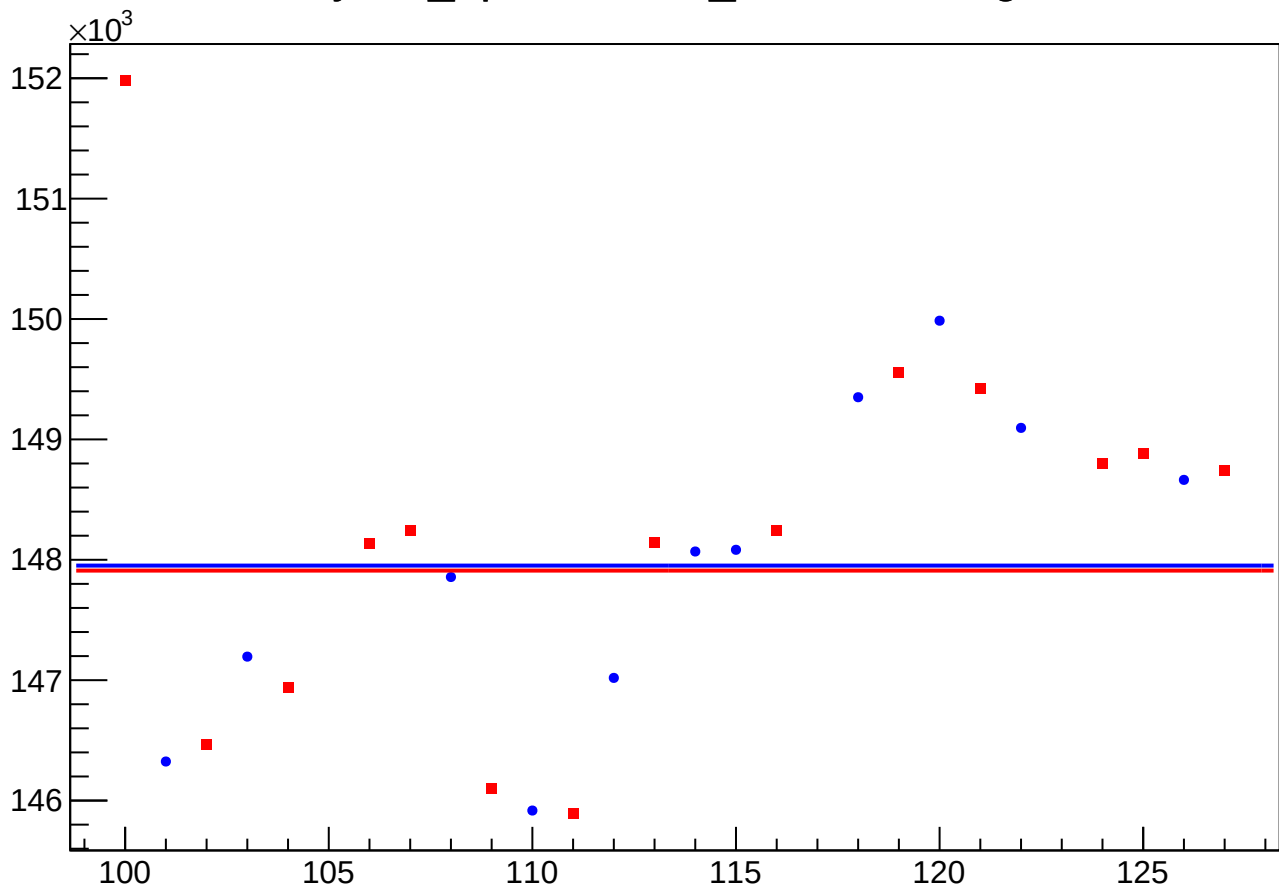
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.716+/-0.034 χ^2/NDF : 1793518.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l02WS_mean vs Slug



Right In: 147951.821 $\pm$ 0.113 χ^2 /NDF: 103632617.0/10

+ 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

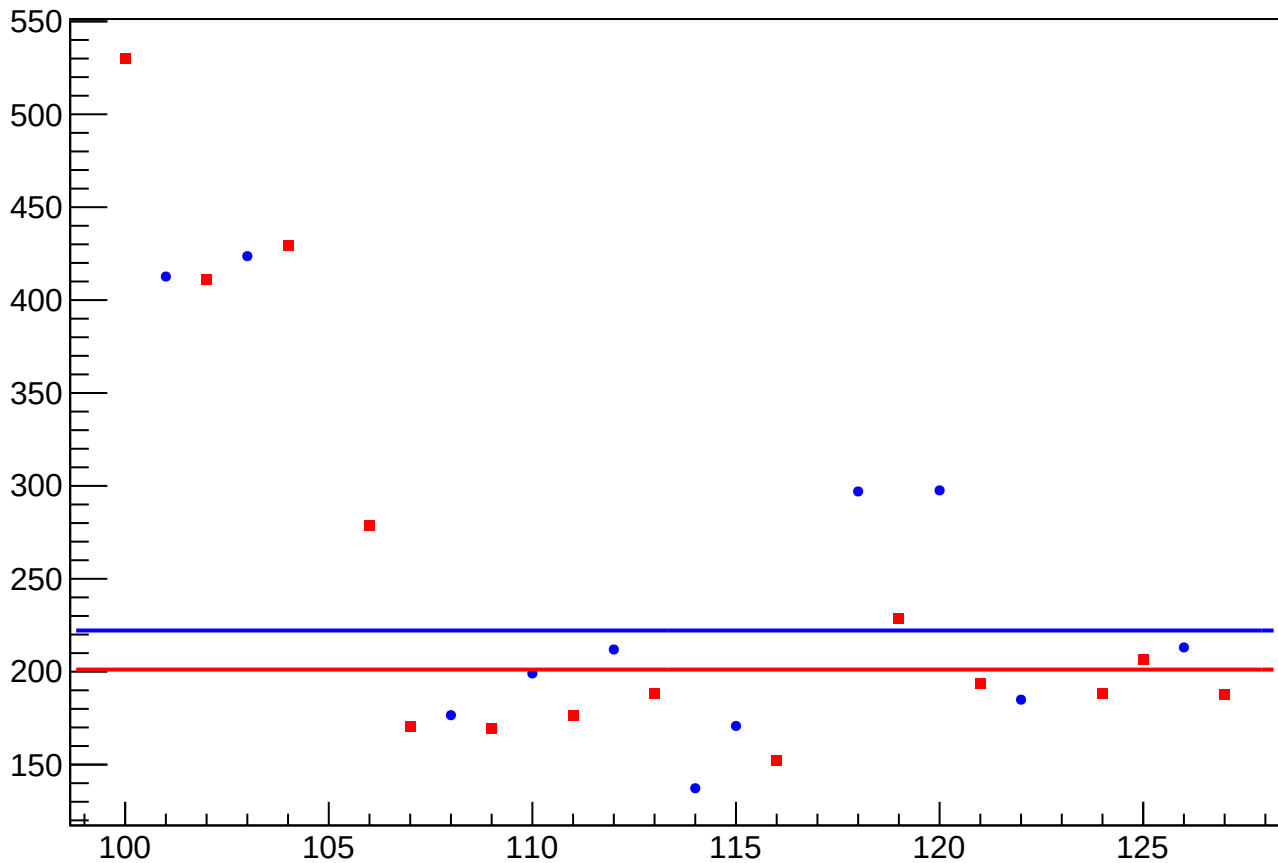
Right Out: 147910.270 $\pm$ 0.092 χ^2 /NDF: 206756350.7/13

All: 147926.743 $\pm$ 0.071 χ^2 /NDF: 310470232

- 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: 222.185+/-0.080 χ^2/NDF : 864830.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 201.142+/-0.065 χ^2/NDF : 870636.9/13

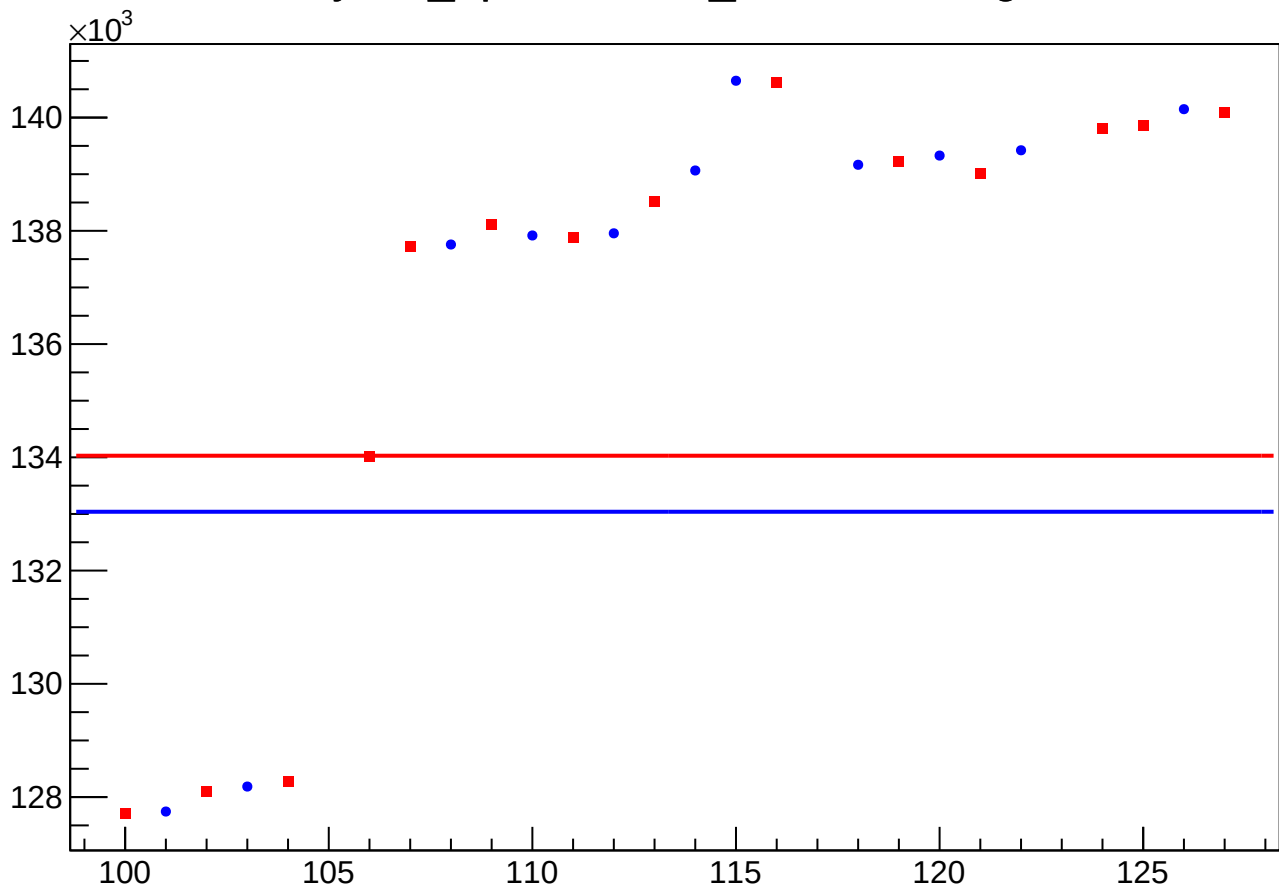
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 209.485+/-0.050 χ^2/NDF : 1777151.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l03WS_mean vs Slug



Right In: 133038.855 $\pm$ 0.207 χ^2 /NDF: 707837524.2/10

+ 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

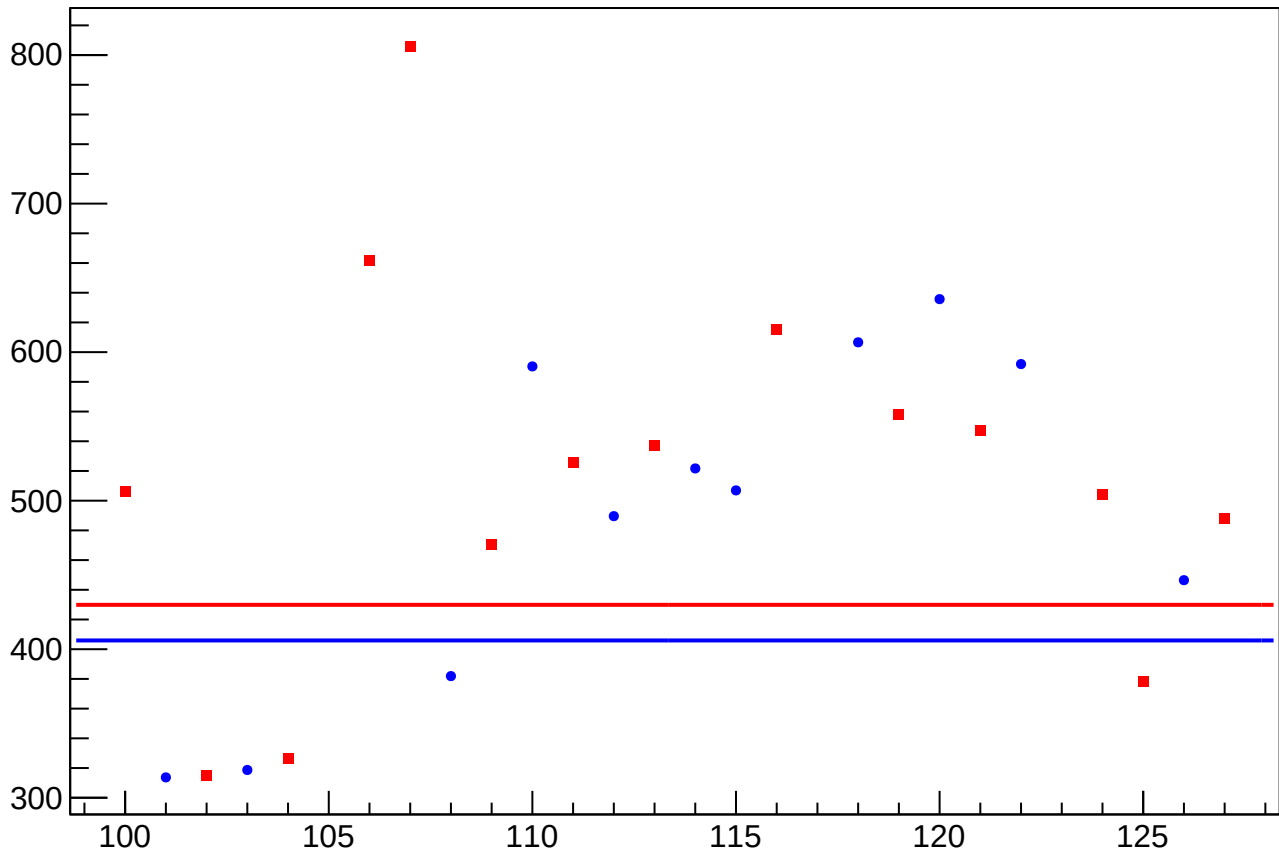
Right Out: 134028.361 $\pm$ 0.196 χ^2 /NDF: 751225319.9/13

All: 133558.272 $\pm$ 0.142 χ^2 /NDF: 14711154

- 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: 405.894+/-0.146 χ^2/NDF : 592280.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 429.870+/-0.139 χ^2/NDF : 685713.7/13

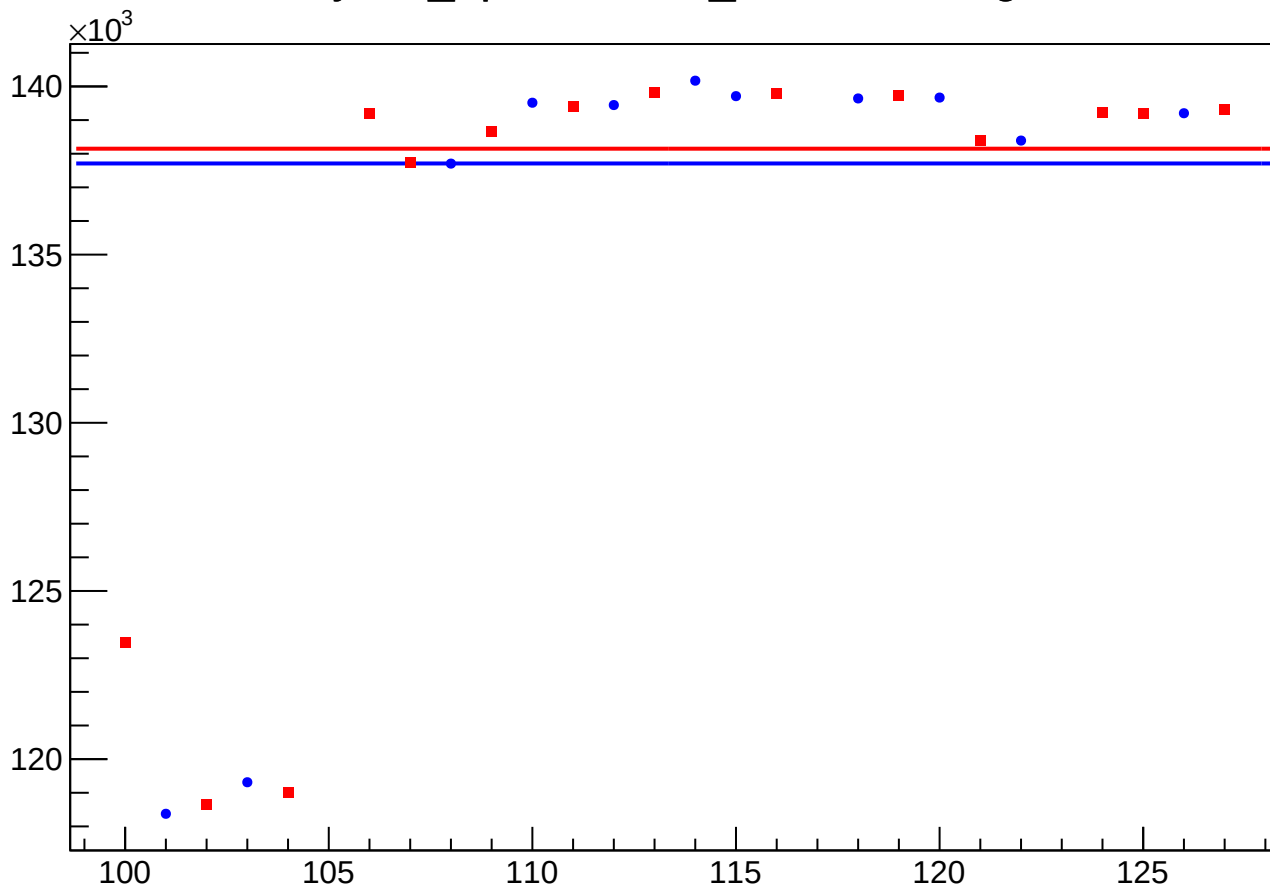
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 418.479+/-0.101 χ^2/NDF : 1292146.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04WS_mean vs Slug



Right In: 137710.194 $\pm$ 0.083 χ^2 /NDF: 4422327380.3/10

+ 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

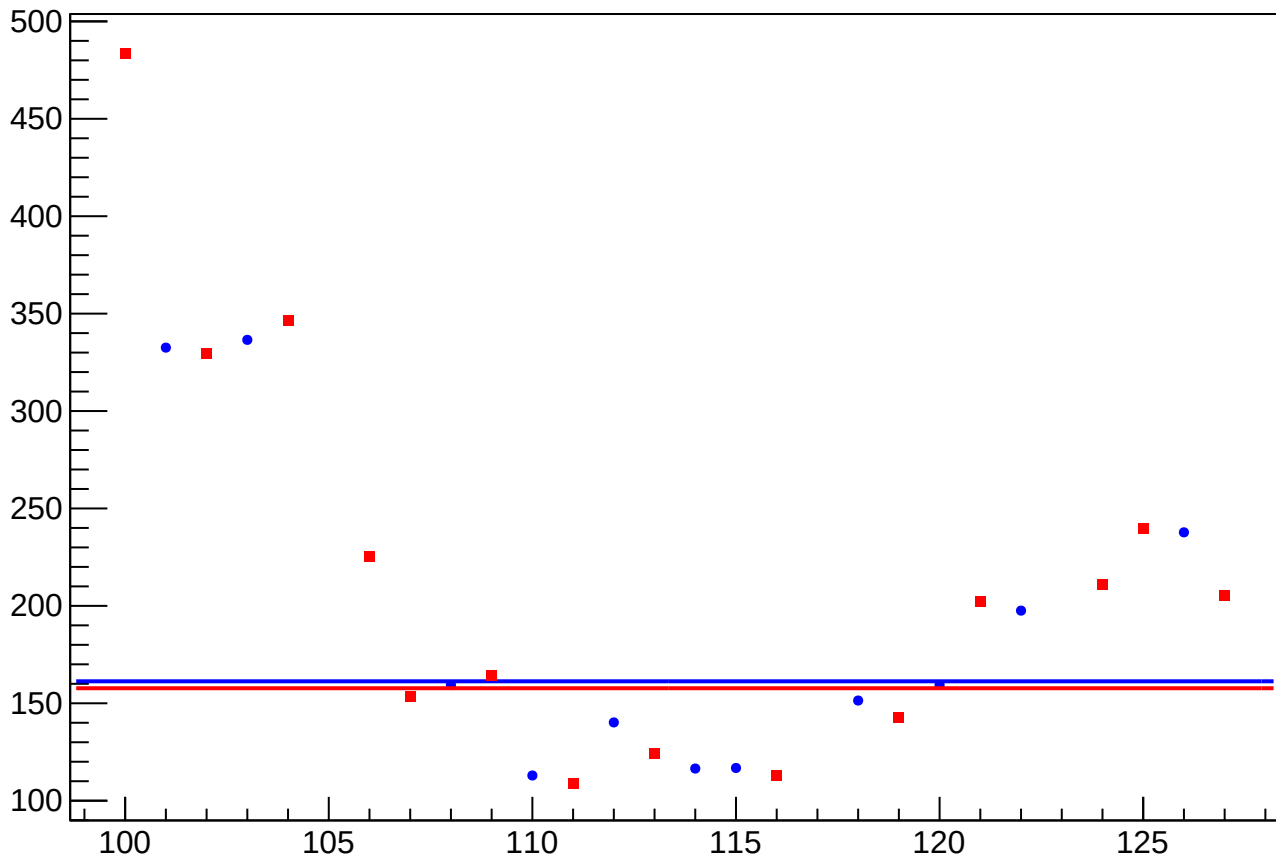
All: 137956.147 $\pm$ 0.055 χ^2 /NDF: 865202460

Right Out: 138149.364 $\pm$ 0.073 χ^2 /NDF: 4213910717.7/13

- 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: 161.288 $\pm$ 0.058 χ^2 /NDF: 1003077.2/10

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

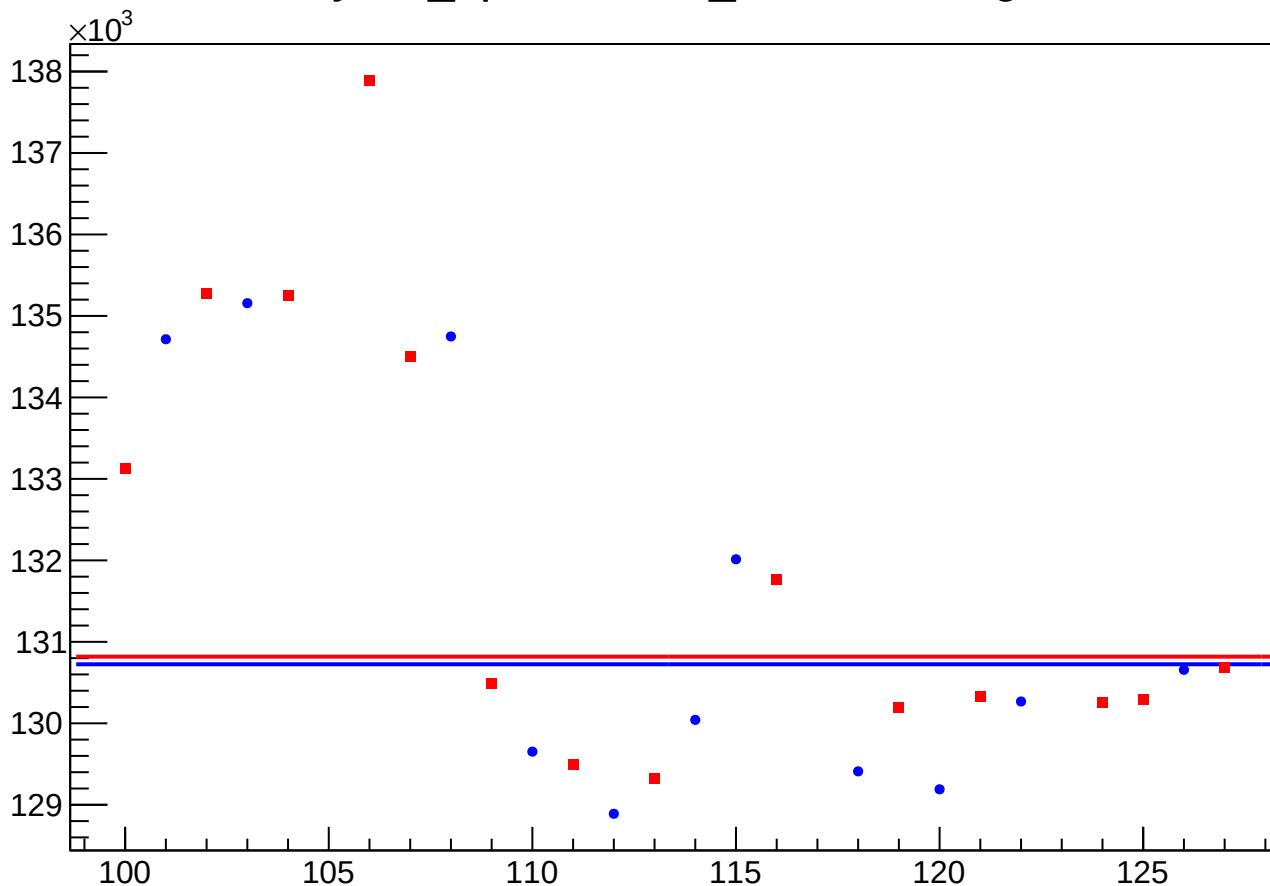
Right Out: 157.721 $\pm$ 0.052 χ^2 /NDF: 1288094.5/13

All: 159.290 $\pm$ 0.039 χ^2 /NDF: 2293253.9/24

- 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_mean vs Slug



Right In: 130724.680 $\pm$ 0.089 χ^2 /NDF: 529333899.7/10

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

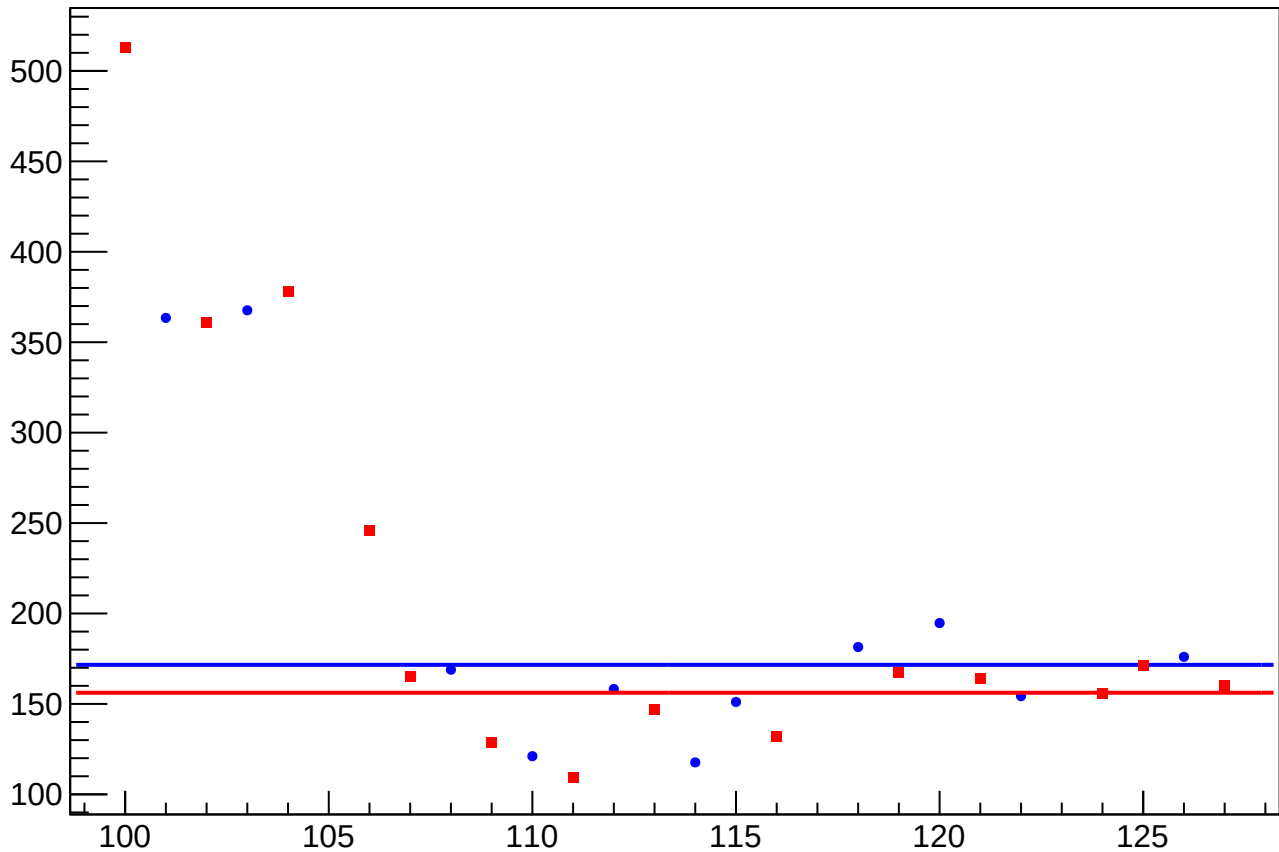
Right Out: 130818.425 $\pm$ 0.073 χ^2 /NDF: 646546297.2/13

All: 130780.652 $\pm$ 0.056 χ^2 /NDF: 117654803

- 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: 171.618 $\pm$ 0.063 χ^2 /NDF: 904107.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 156.189 $\pm$ 0.051 χ^2 /NDF: 1149190.2/13

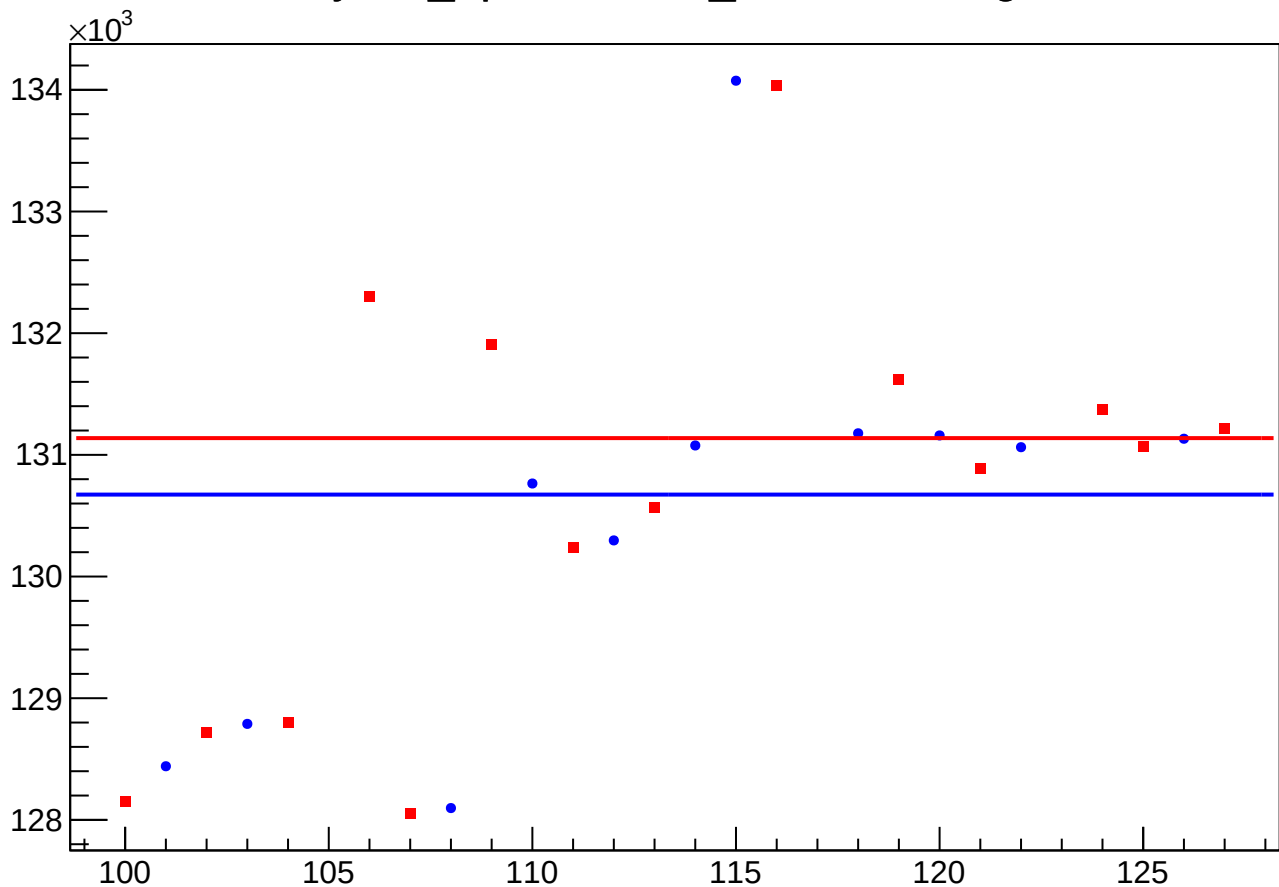
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 162.406 $\pm$ 0.040 χ^2 /NDF: 2089476.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l06WS_mean vs Slug



Right In: 130673.504 $\pm$ 0.076 χ^2 /NDF: 306826366.5/10

+ 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

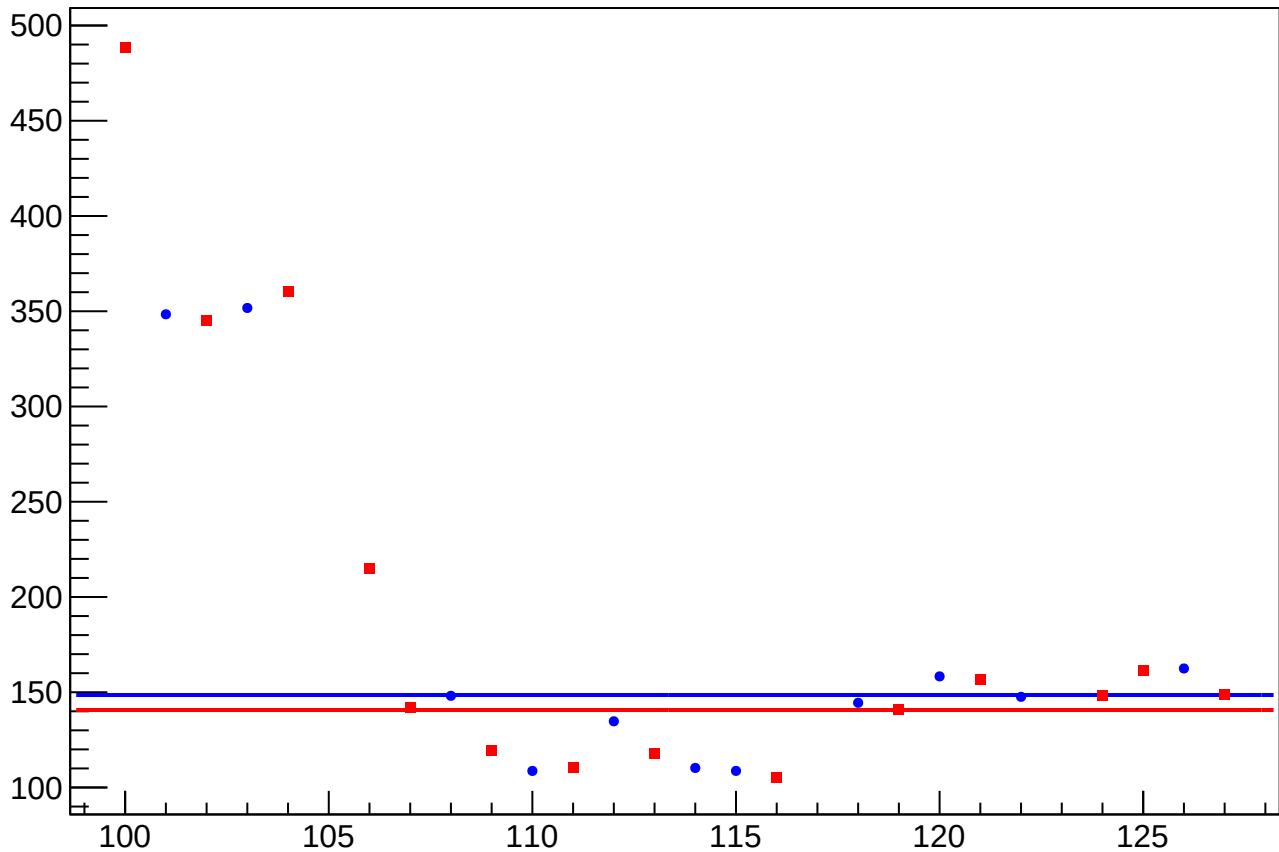
Right Out: 131137.642 $\pm$ 0.065 χ^2 /NDF: 432471601.8/13

All: 130942.068 $\pm$ 0.049 χ^2 /NDF: 760832565

- 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: 148.547 $\pm$ 0.054 χ^2 /NDF: 1008179.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 140.678 $\pm$ 0.046 χ^2 /NDF: 1186523.5/13

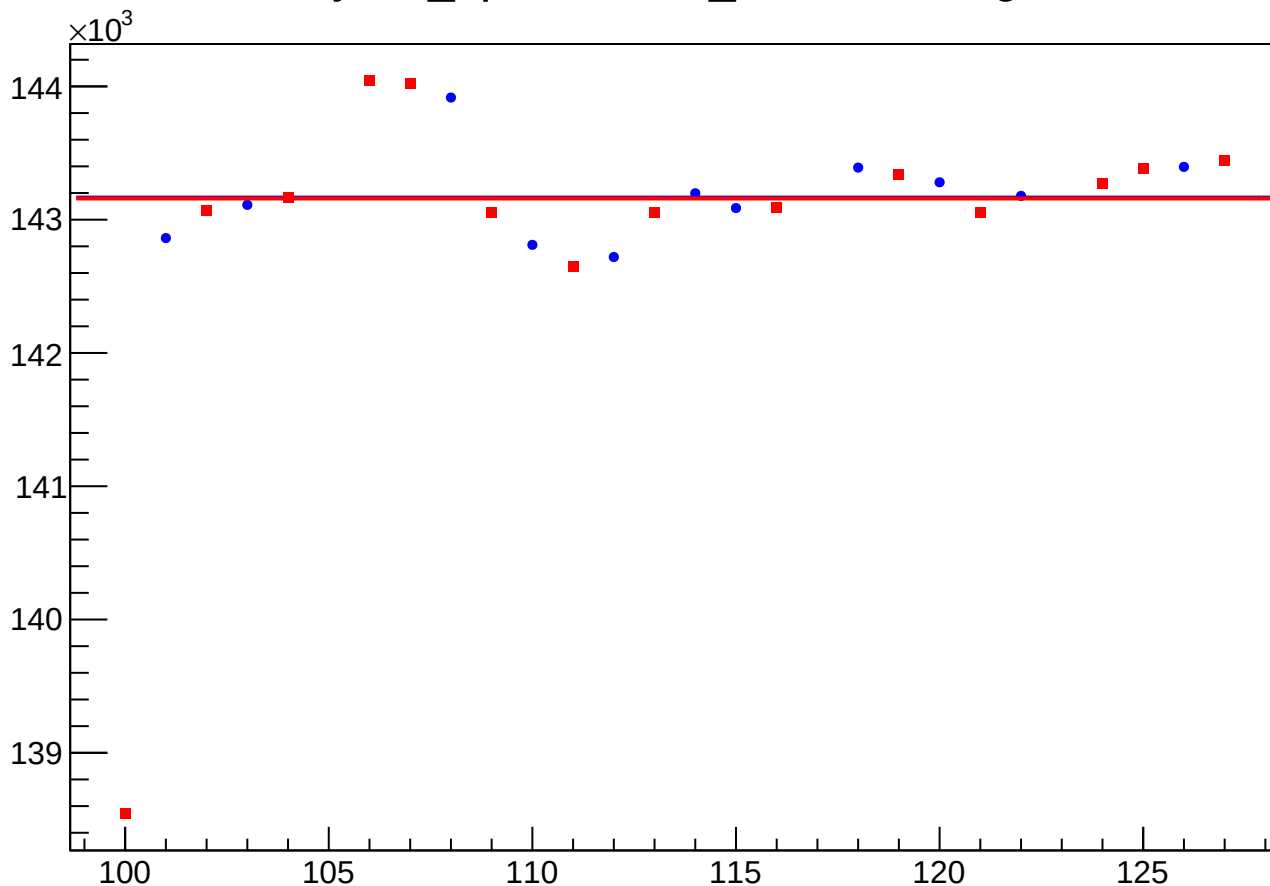
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 143.994 $\pm$ 0.035 χ^2 /NDF: 2207083.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l07WS_mean vs Slug



Right In: 143165.600 $\pm$ 0.082 χ^2 /NDF: 18153814.2/10

+ 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

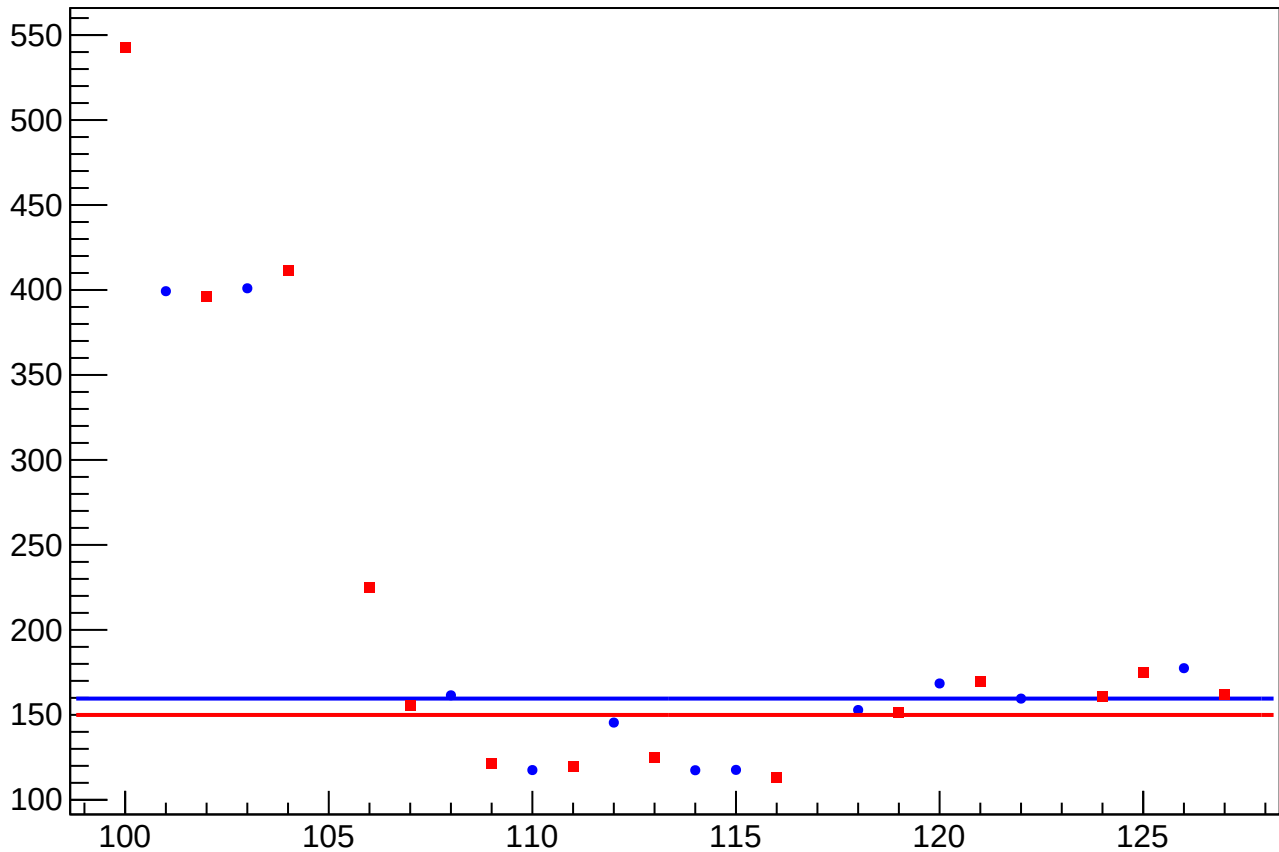
All: 143161.830 $\pm$ 0.053 χ^2 /NDF: 46825267.

Right Out: 143159.124 $\pm$ 0.069 χ^2 /NDF: 28667821.5/13

- 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: 159.578+/-0.058 χ^2/NDF : 1083511.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.951+/-0.049 χ^2/NDF : 1286470.1/13

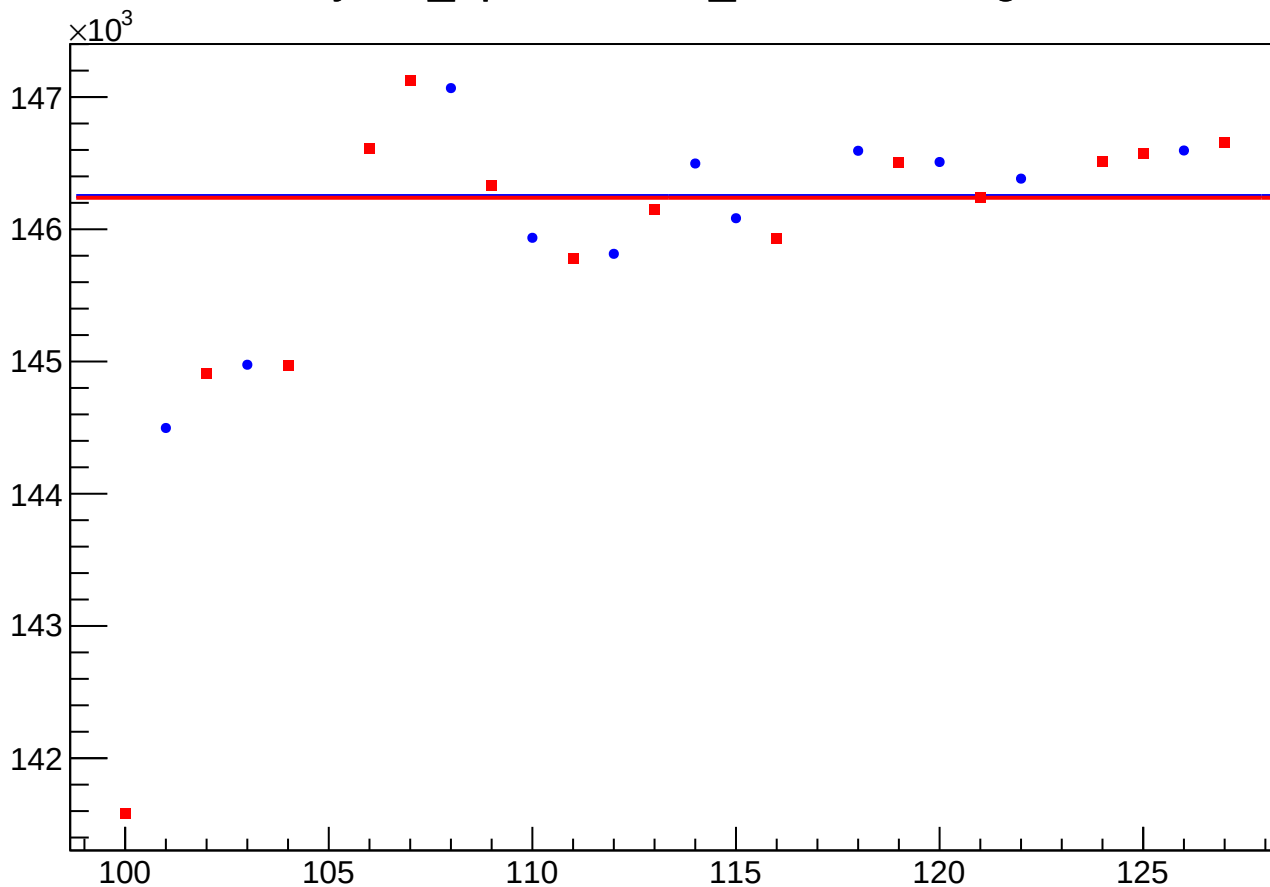
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.973+/-0.037 χ^2/NDF : 2386035.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l08WS_mean vs Slug



Right In: 146251.404 $\pm$ 0.085 χ^2 /NDF: 40466295.9/10

+ 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

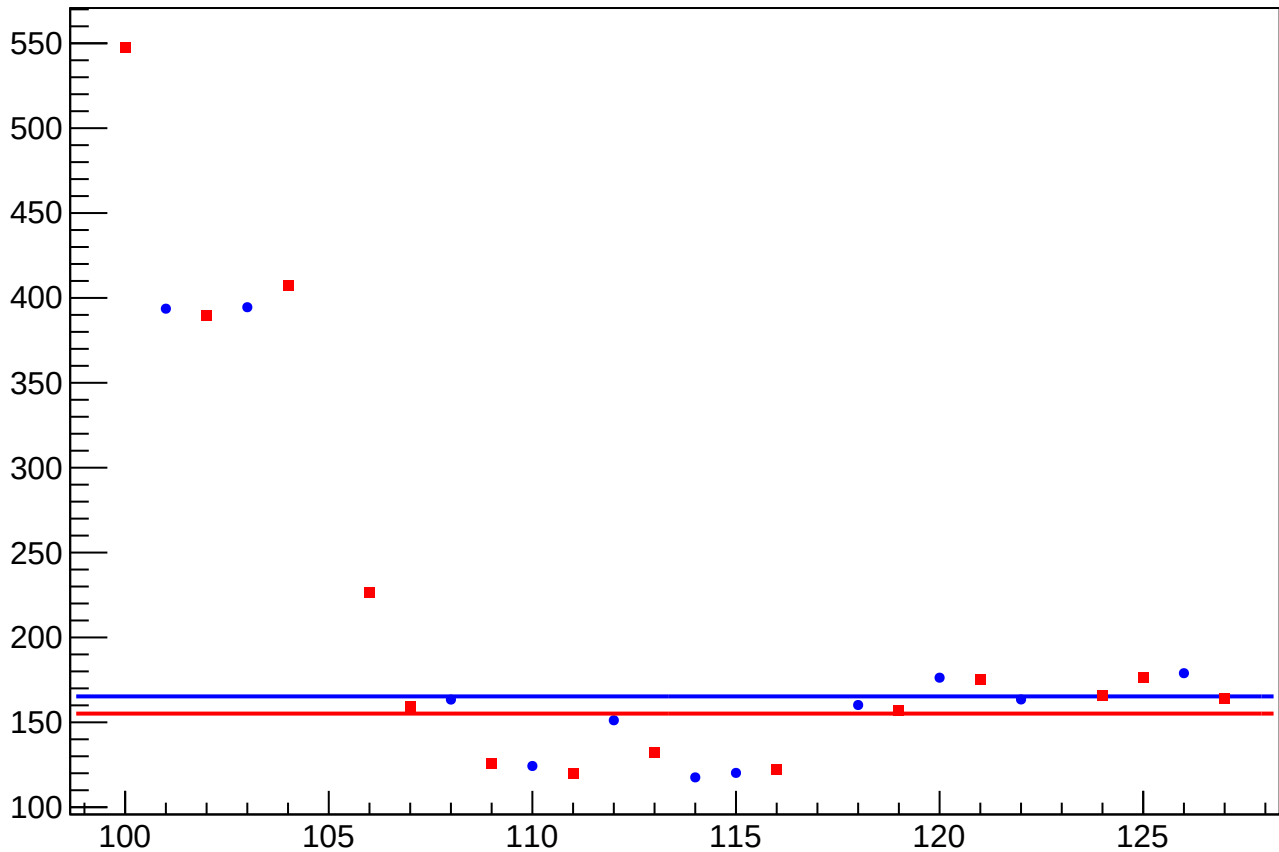
All: 146243.847 $\pm$ 0.055 χ^2 /NDF: 80915132.0

Right Out: 146238.441 $\pm$ 0.072 χ^2 /NDF: 40435146.4/13

- 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: 165.274+/-0.060 χ^2/NDF : 1015282.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

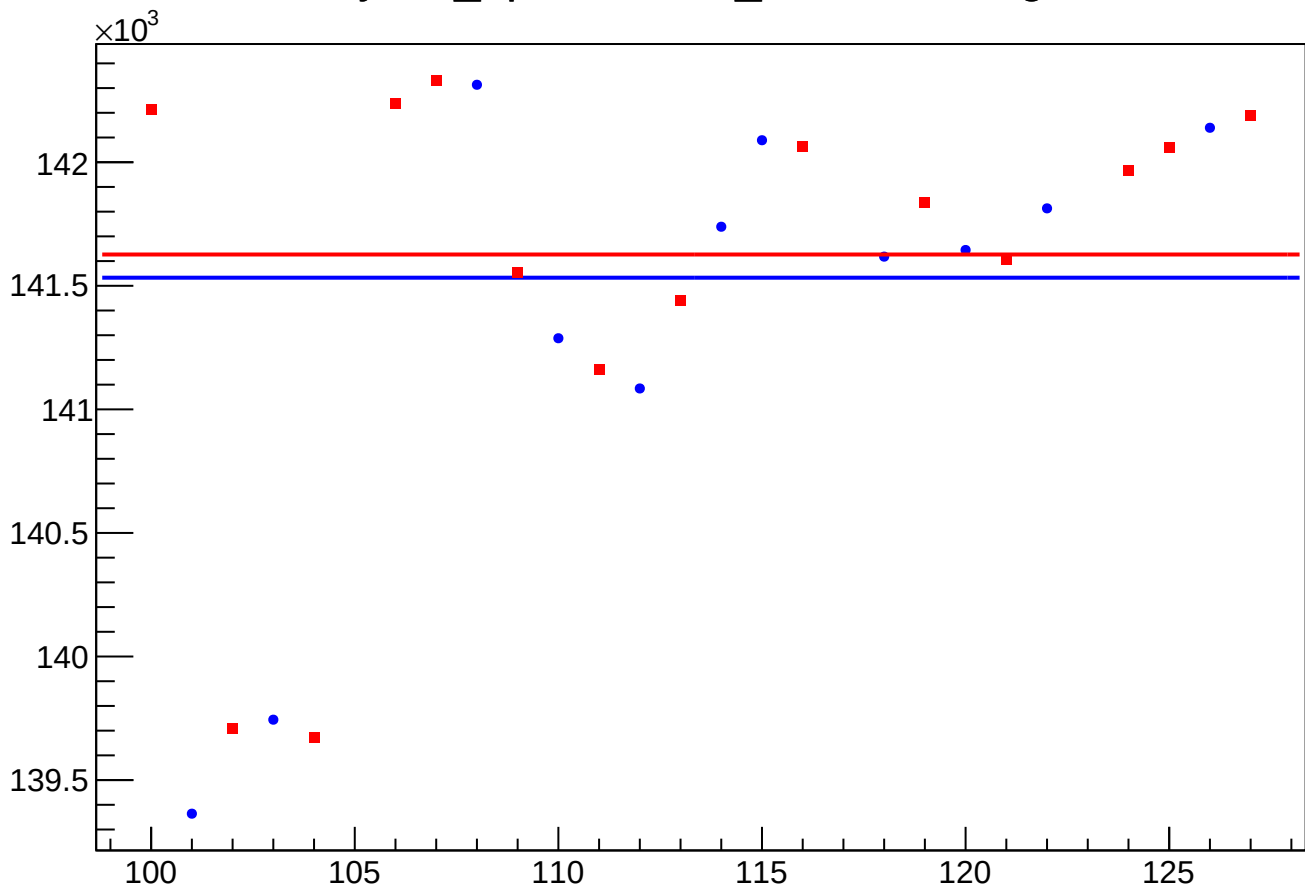
Right Out: 155.145+/-0.051 χ^2/NDF : 1214931.7/13

All: 159.369+/-0.039 χ^2/NDF : 2246928.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l09WS_mean vs Slug



Right In: 141532.792 $\pm$ 0.086 χ^2 /NDF: 54502267.6/10

+ 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

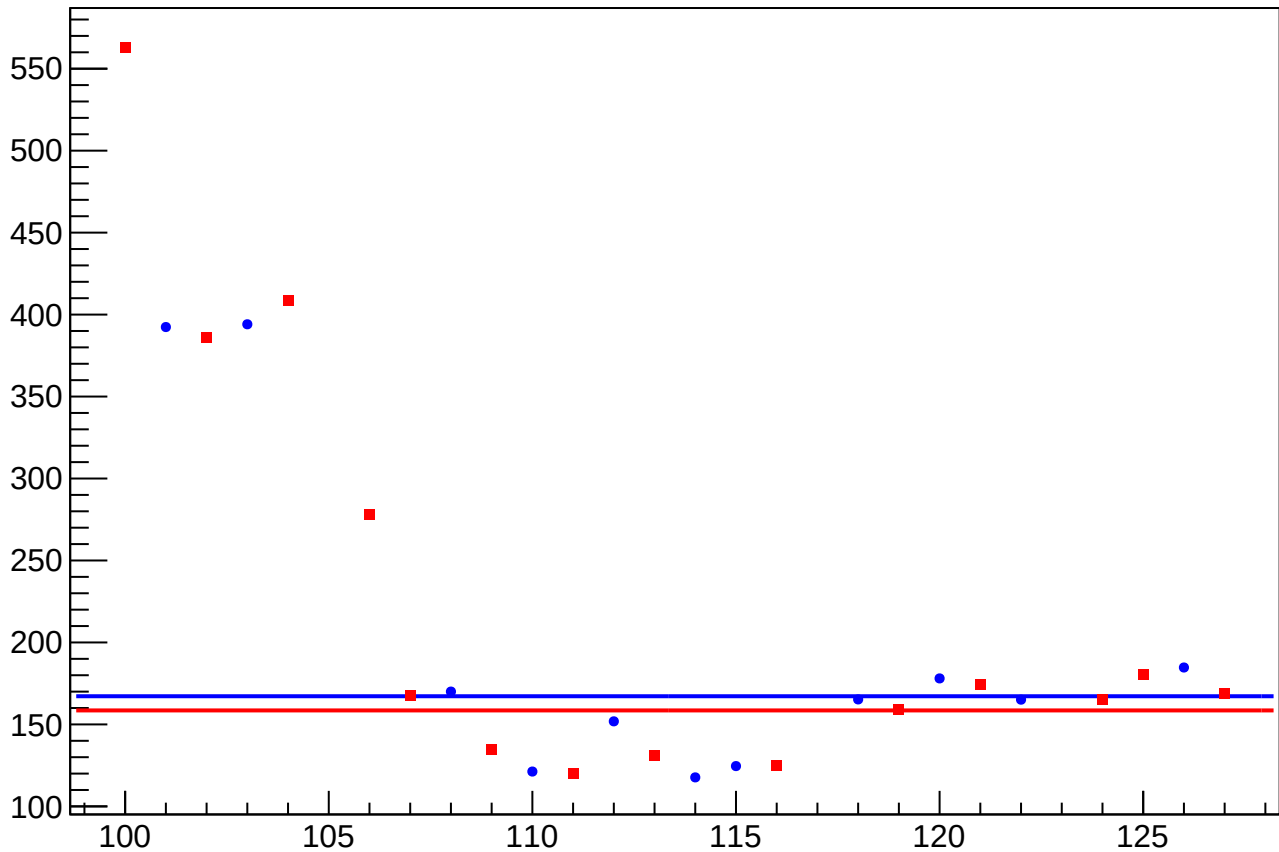
All: 141587.030 $\pm$ 0.056 χ^2 /NDF: 107731620

Right Out: 141626.643 $\pm$ 0.073 χ^2 /NDF: 52535947.6/13

- 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: 167.188 $\pm$ 0.061 χ^2 /NDF: 1021106.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 158.534 $\pm$ 0.052 χ^2 /NDF: 1235486.5/13

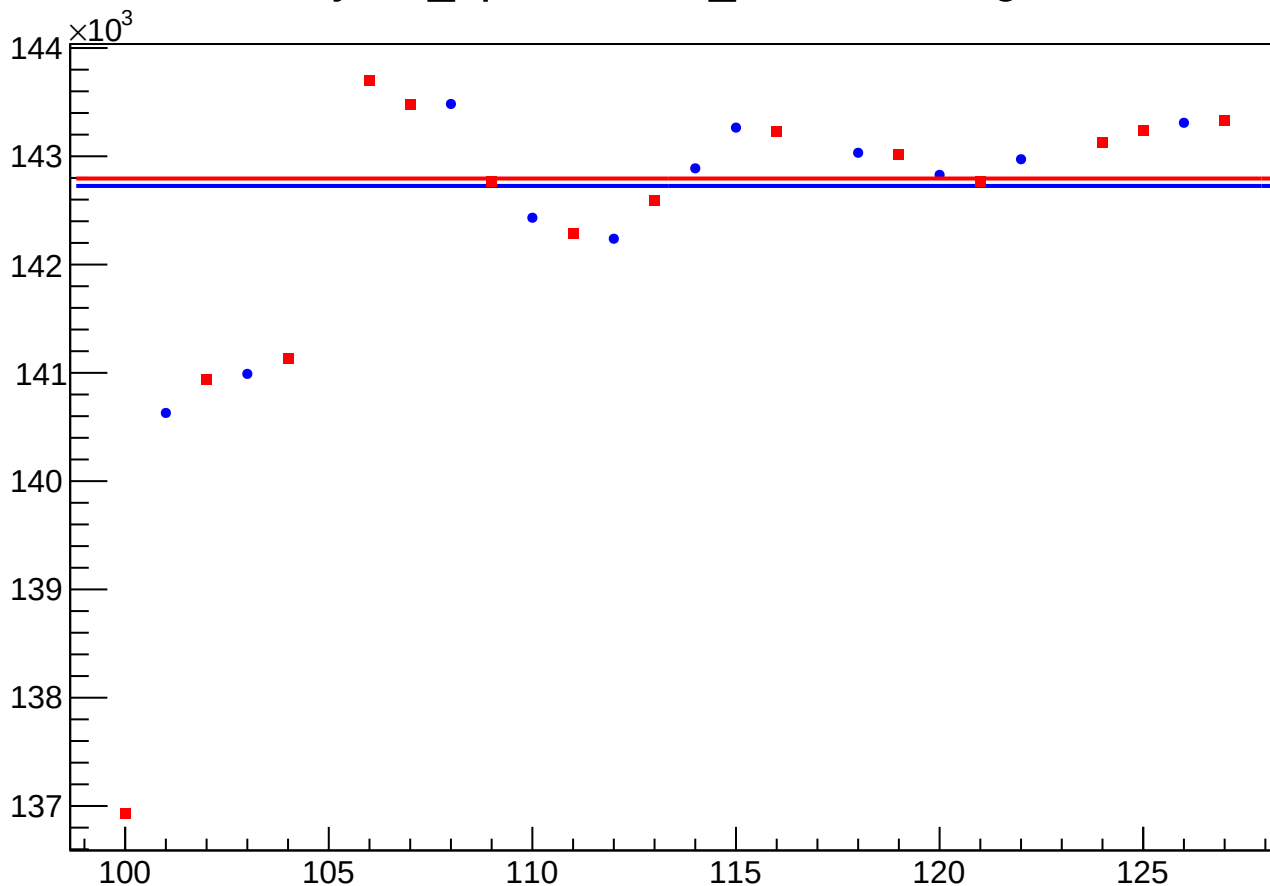
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 162.187 $\pm$ 0.039 χ^2 /NDF: 2268383.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l10WS_mean vs Slug



Right In: 142726.111 $\pm$ 0.087 χ^2 /NDF: 53326939.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 142794.866 $\pm$ 0.073 χ^2 /NDF: 59750298.3/13

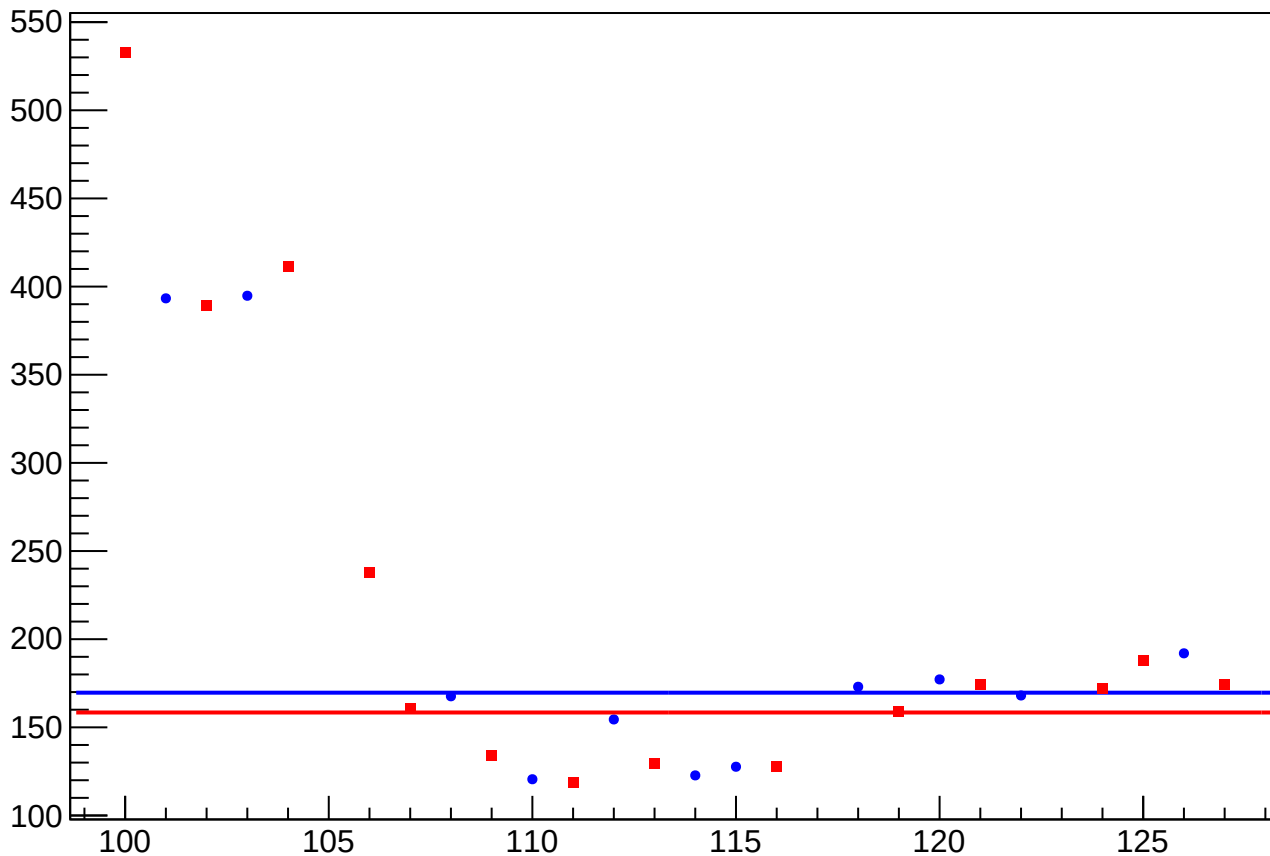
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 142766.332 $\pm$ 0.056 χ^2 /NDF: 113443313

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l10WS_rms vs Slug



Right In: 169.661 $\pm$ 0.061 χ^2 /NDF: 1014948.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 158.420 $\pm$ 0.052 χ^2 /NDF: 1210756.8/13

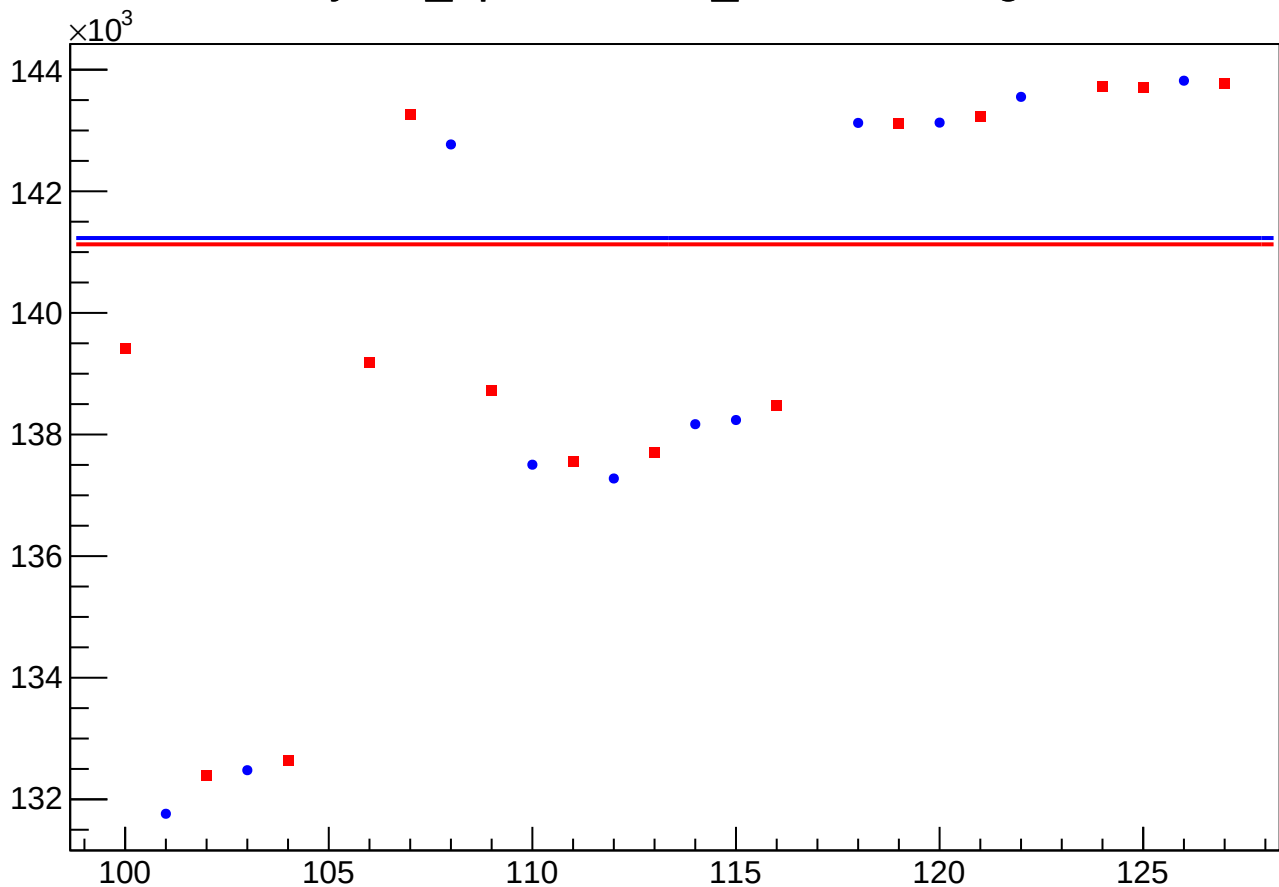
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 163.085 $\pm$ 0.040 χ^2 /NDF: 2245275.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0r03WS_mean vs Slug



Right In: 141231.416 $\pm$ 0.128 χ^2 /NDF: 796929404.8/10

+ 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

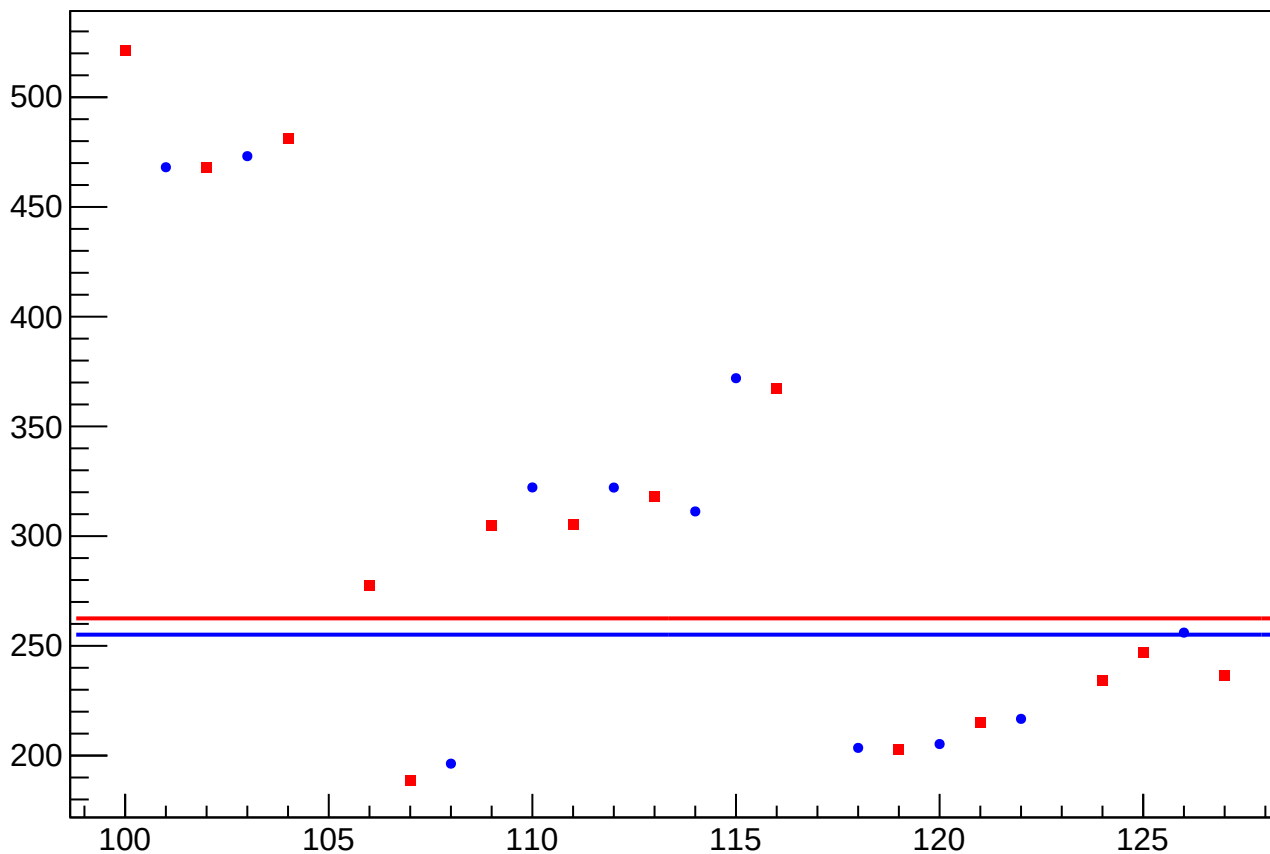
Right Out: 141127.702 $\pm$ 0.119 χ^2 /NDF: 787541268.9/13

All: 141175.569 $\pm$ 0.087 χ^2 /NDF: 158482327

- 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: 255.098 $\pm$ 0.091 χ^2 /NDF: 834222.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 262.512 $\pm$ 0.084 χ^2 /NDF: 823482.4/13

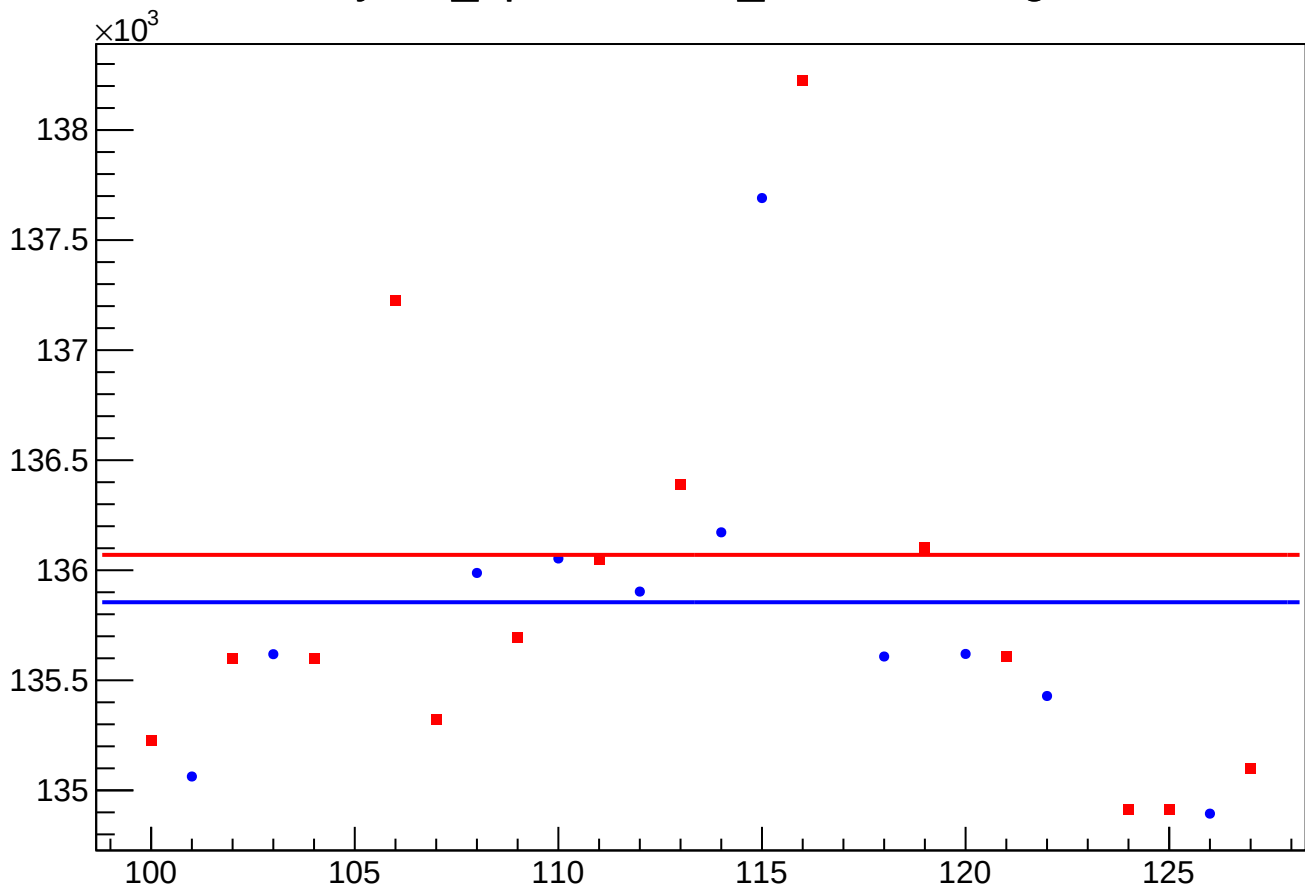
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 259.090 $\pm$ 0.062 χ^2 /NDF: 1661308.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0r05WS_mean vs Slug



Right In: 135854.675 $\pm$ 0.139 χ^2 /NDF: 16850102.2/10

+ 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

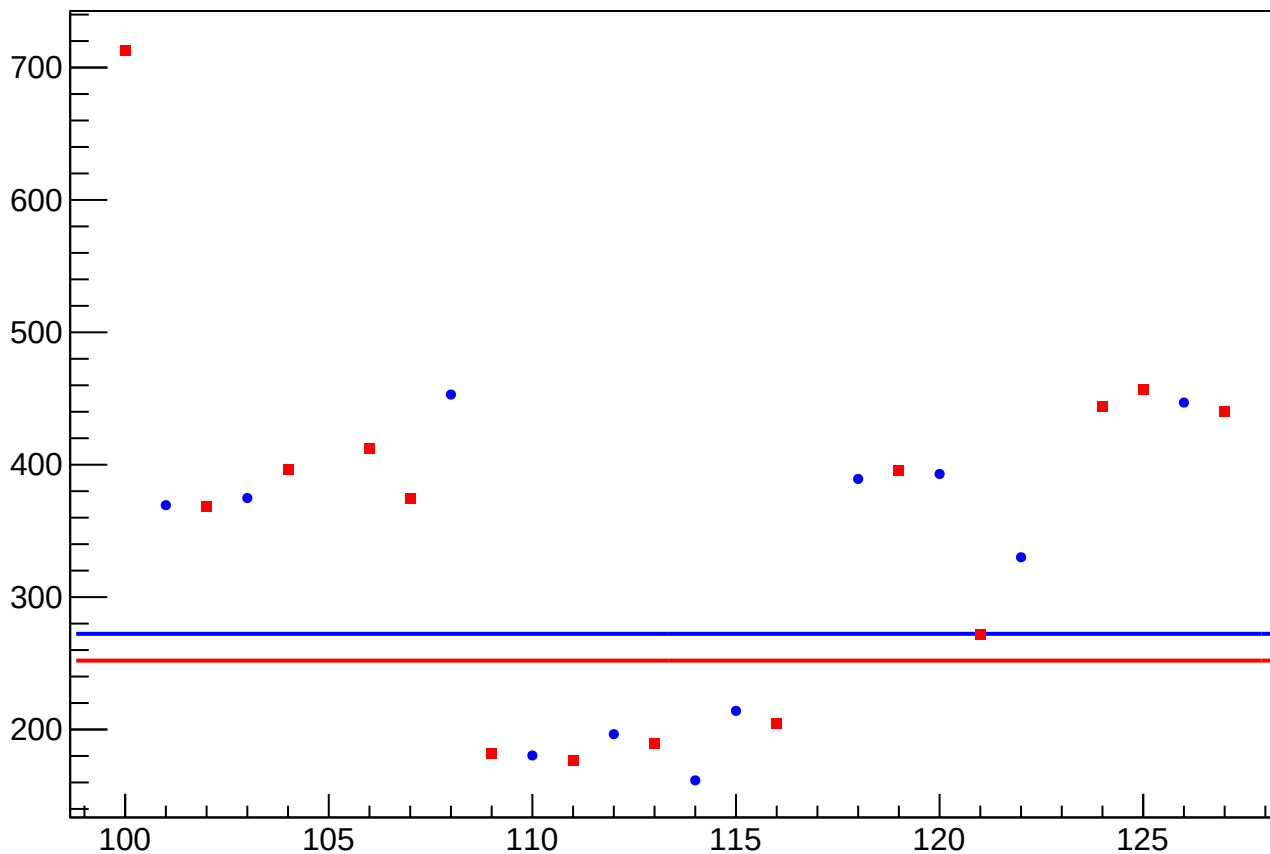
Right Out: 136069.854 $\pm$ 0.118 χ^2 /NDF: 42385960.6/13

All: 135980.213 $\pm$ 0.090 χ^2 /NDF: 60627565.

- 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: 272.271+/-0.099 χ^2/NDF : 1046800.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 252.034+/-0.083 χ^2/NDF : 1399428.7/13

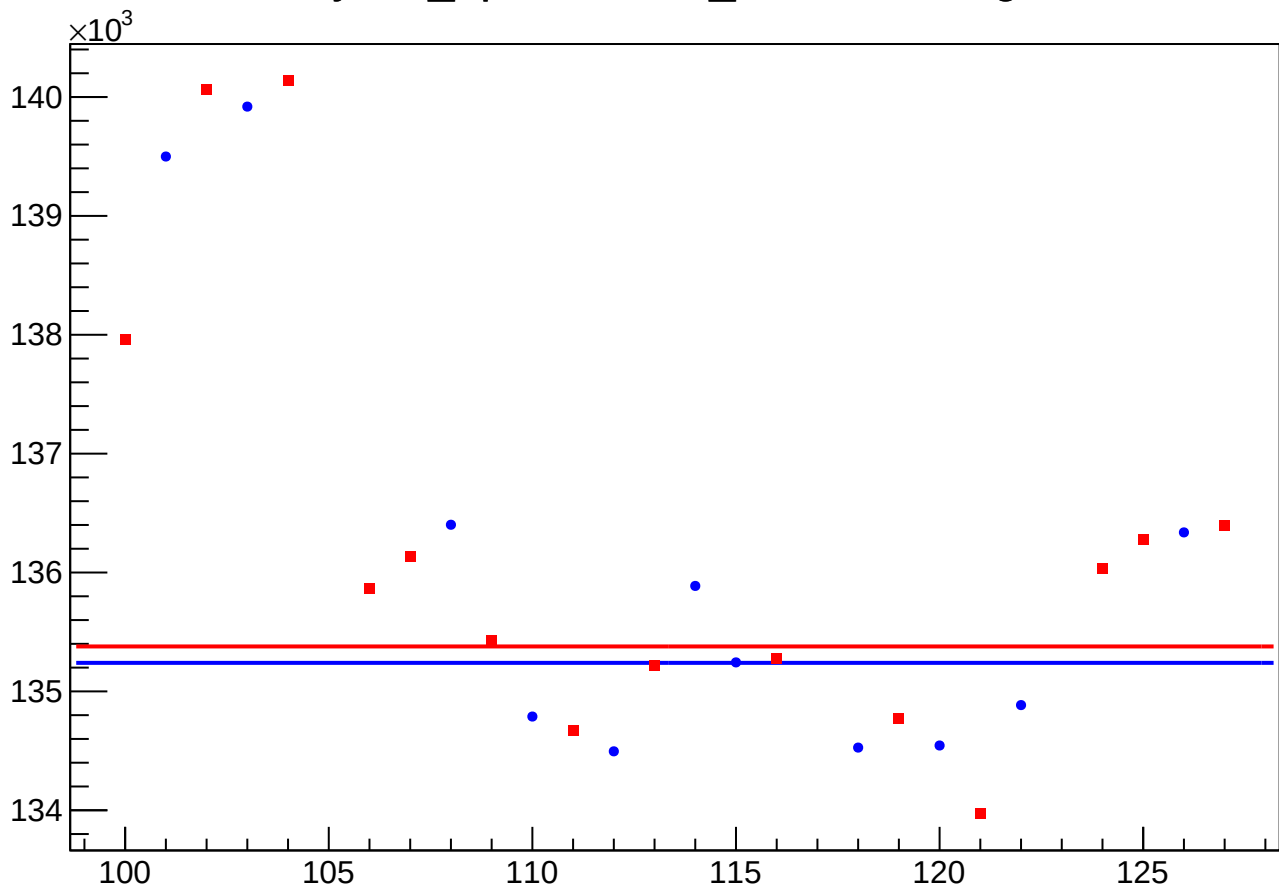
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 260.464+/-0.064 χ^2/NDF : 2470845.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02WS_mean vs Slug



Right In: 135240.010 $\pm$ 0.067 χ^2 /NDF: 295452135.8/10

+ 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

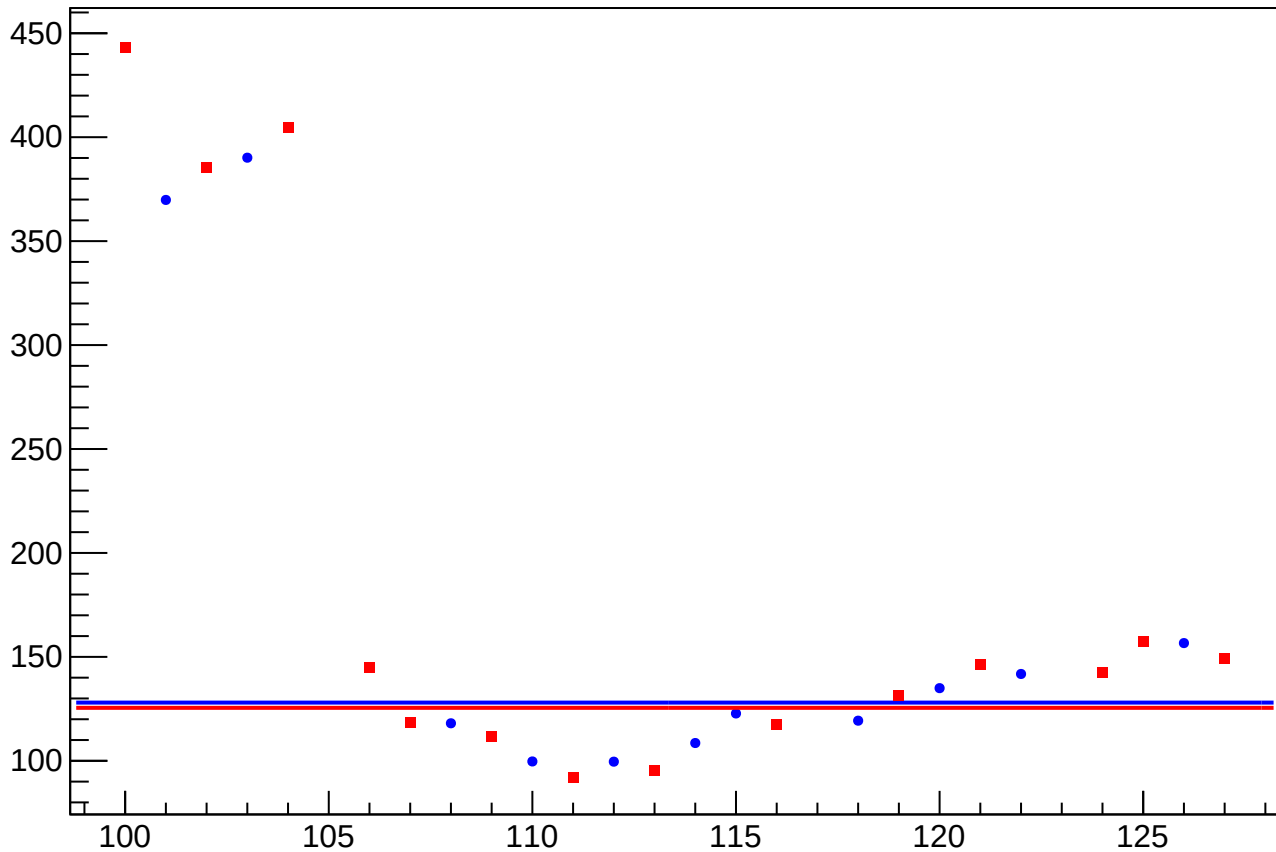
Right Out: 135378.049 $\pm$ 0.059 χ^2 /NDF: 295066555.5/13

All: 135317.235 $\pm$ 0.044 χ^2 /NDF: 592915052

- 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: 128.012 $\pm$ 0.047 χ^2 /NDF: 1285934.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 125.493 $\pm$ 0.042 χ^2 /NDF: 1458988.1/13

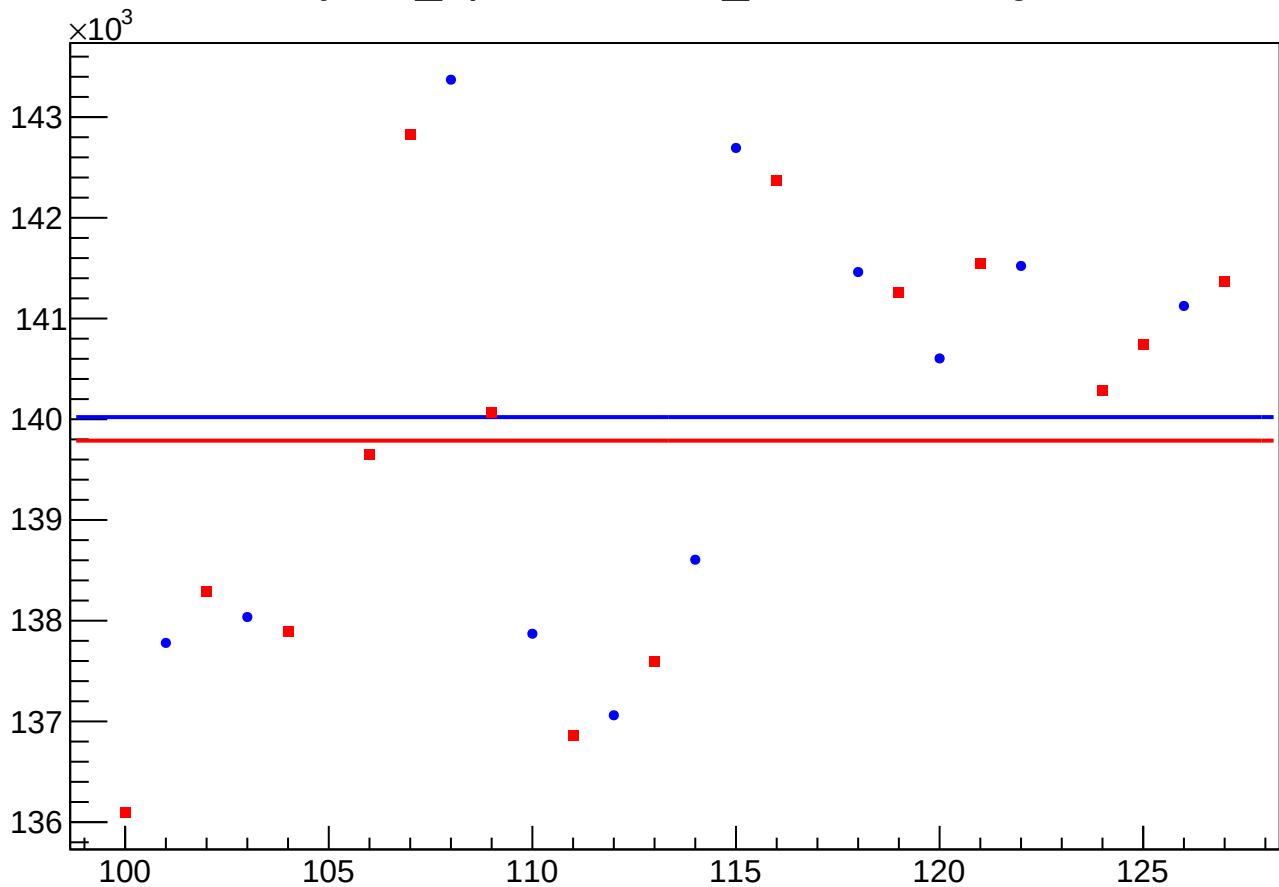
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 126.602 $\pm$ 0.031 χ^2 /NDF: 2746519.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i02aWS_mean vs Slug



Right In: 140021.279 $\pm$ 0.078 χ^2 /NDF: 720272696.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 139787.780 $\pm$ 0.069 χ^2 /NDF: 823805280.0/13

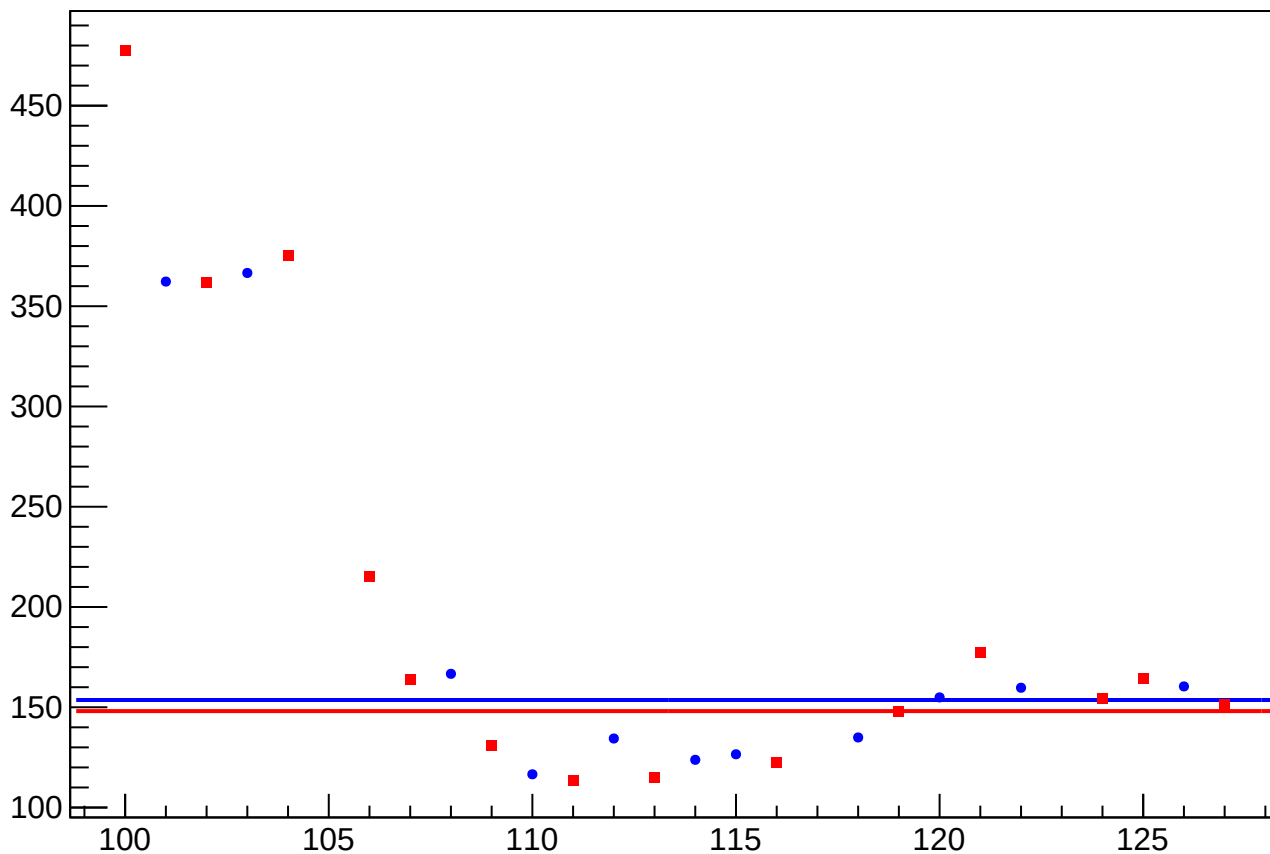
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 139889.004 $\pm$ 0.052 χ^2 /NDF: 15490905

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i02aWS_rms vs Slug



Right In: 153.628 $\pm$ 0.056 χ^2 /NDF: 983359.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 148.093 $\pm$ 0.049 χ^2 /NDF: 1172554.0/13

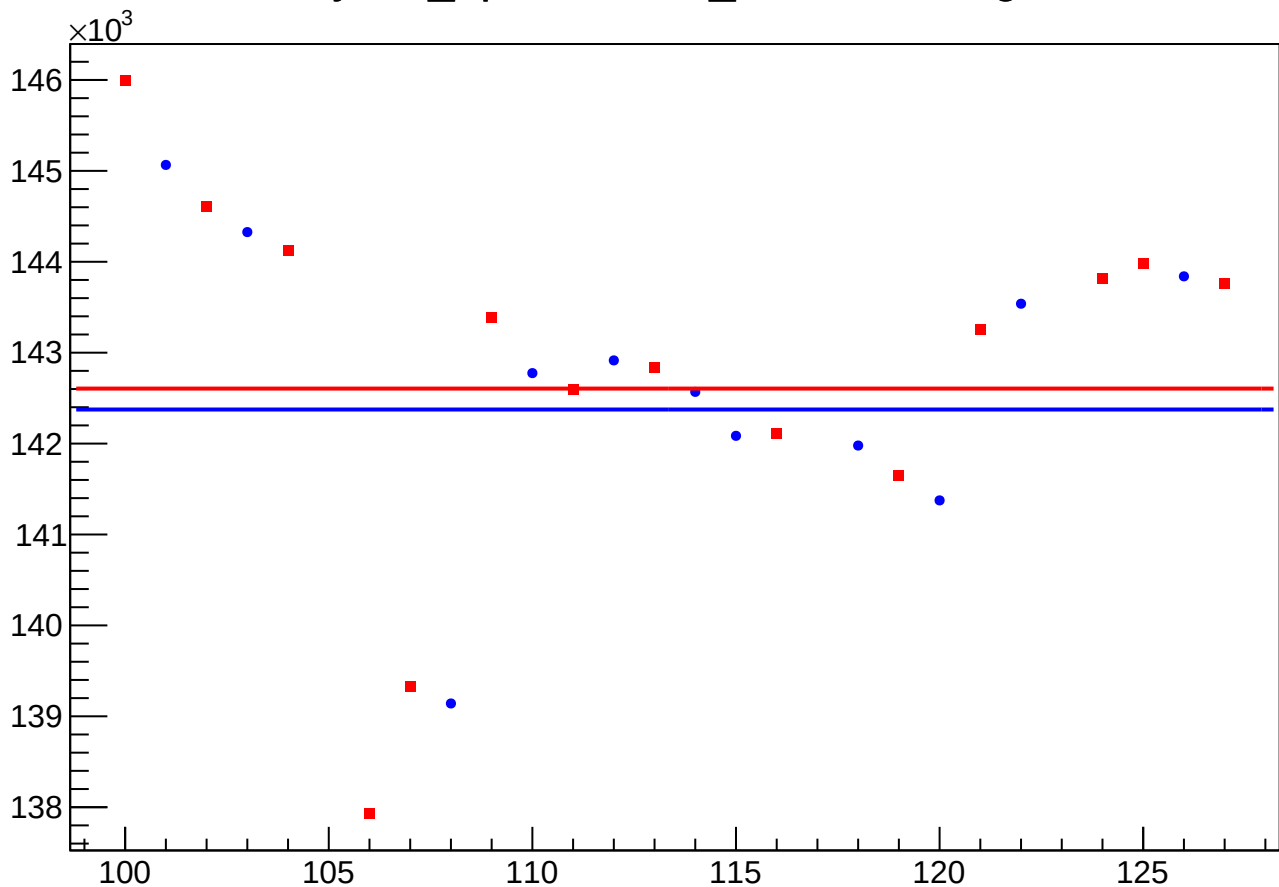
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 150.492 $\pm$ 0.037 χ^2 /NDF: 2161548.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i05WS_mean vs Slug



Right In: 142374.855 $\pm$ 0.085 χ^2 /NDF: 319154866.4/10

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

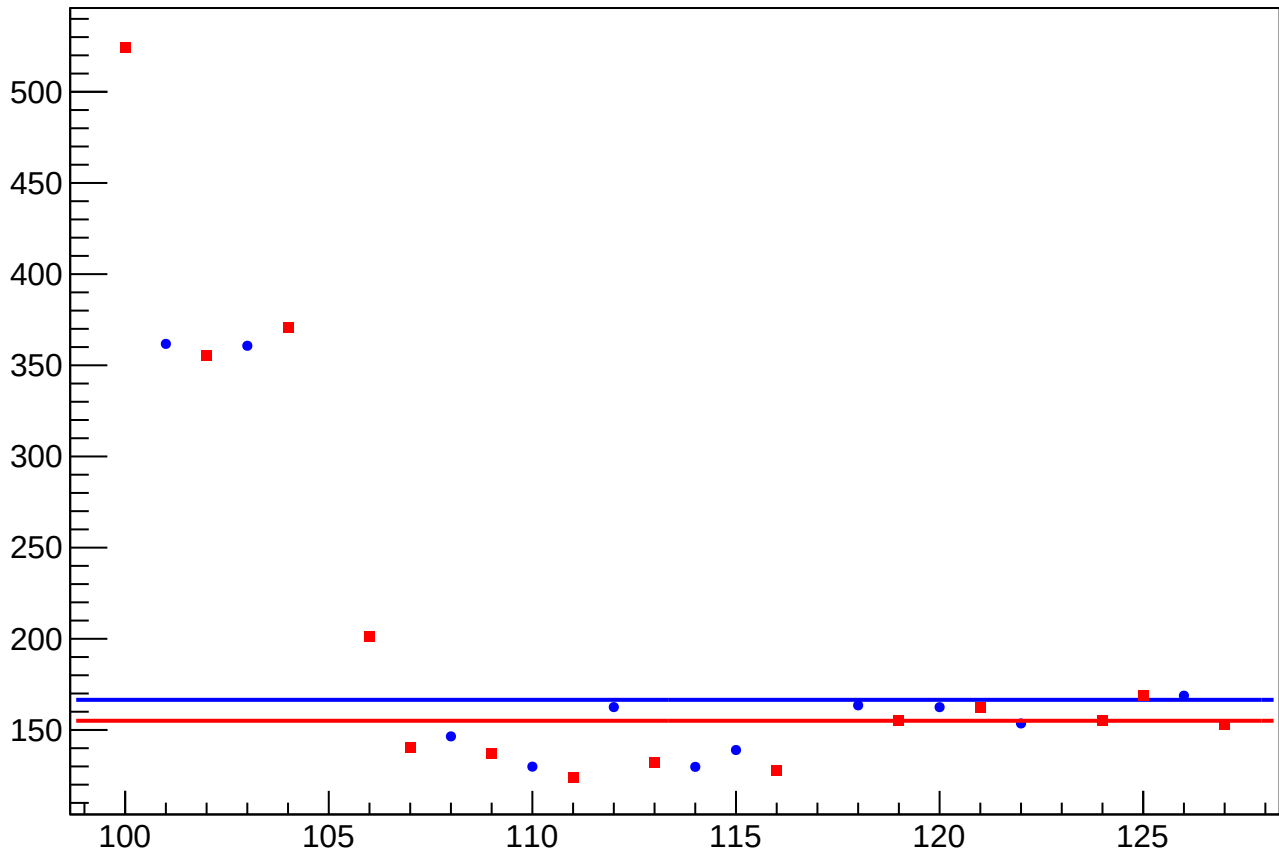
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 142605.188 $\pm$ 0.071 χ^2 /NDF: 404941129.6/13 All: 142509.534 $\pm$ 0.054 χ^2 /NDF: 72843331.0

- 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_bpm0i05WS_rms vs Slug



Right In: 166.527 $\pm$ 0.060 χ^2 /NDF: 835341.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 155.040 $\pm$ 0.050 χ^2 /NDF: 989634.0/13

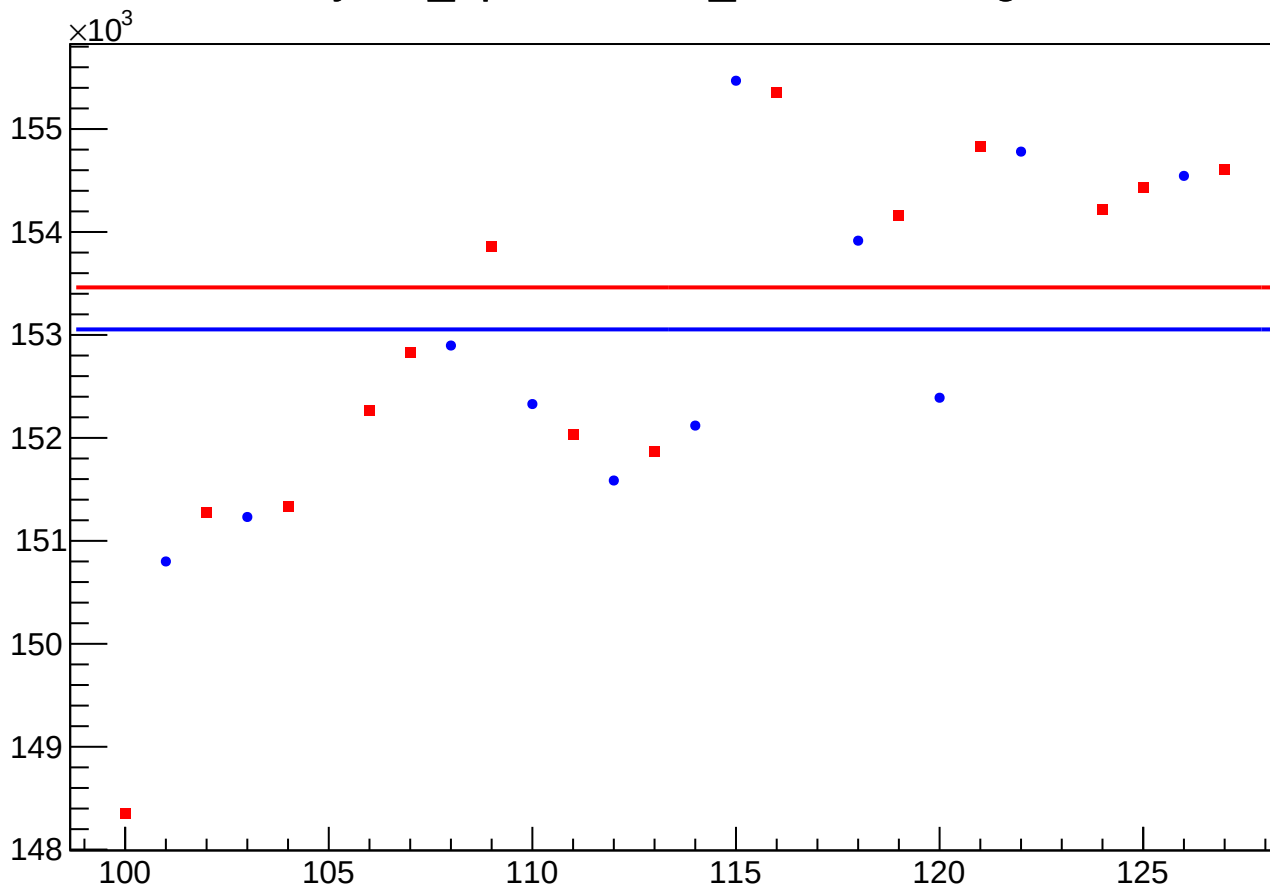
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 159.811 $\pm$ 0.039 χ^2 /NDF: 1846550.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i07WS_mean vs Slug



Right In: 153053.762 $\pm$ 0.098 χ^2 /NDF: 180202394.2/10

+ 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

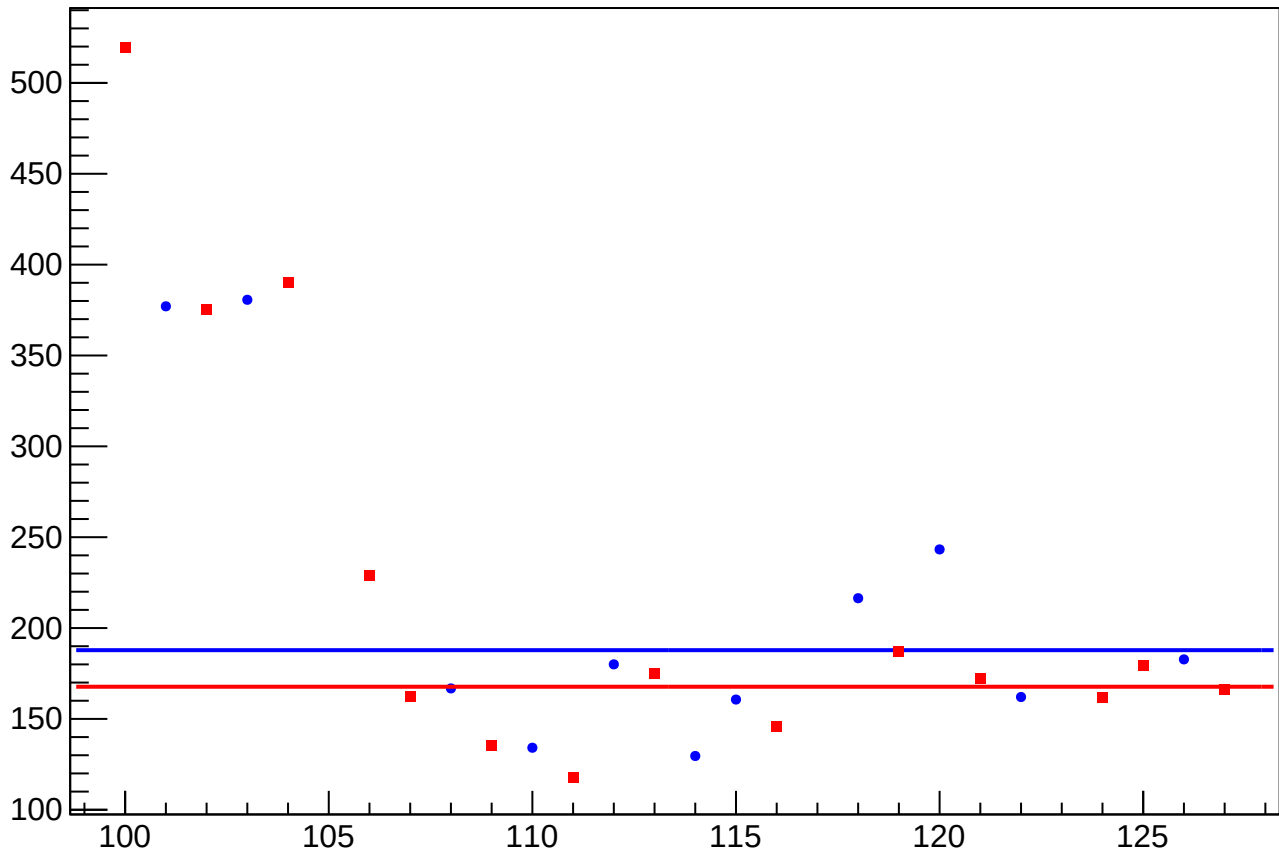
Right Out: 153461.788 $\pm$ 0.079 χ^2 /NDF: 254057963.4/13

All: 153301.924 $\pm$ 0.061 χ^2 /NDF: 444760428

- 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: 187.829+/-0.069 χ^2/NDF : 873884.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.707+/-0.056 χ^2/NDF : 1066267.1/13

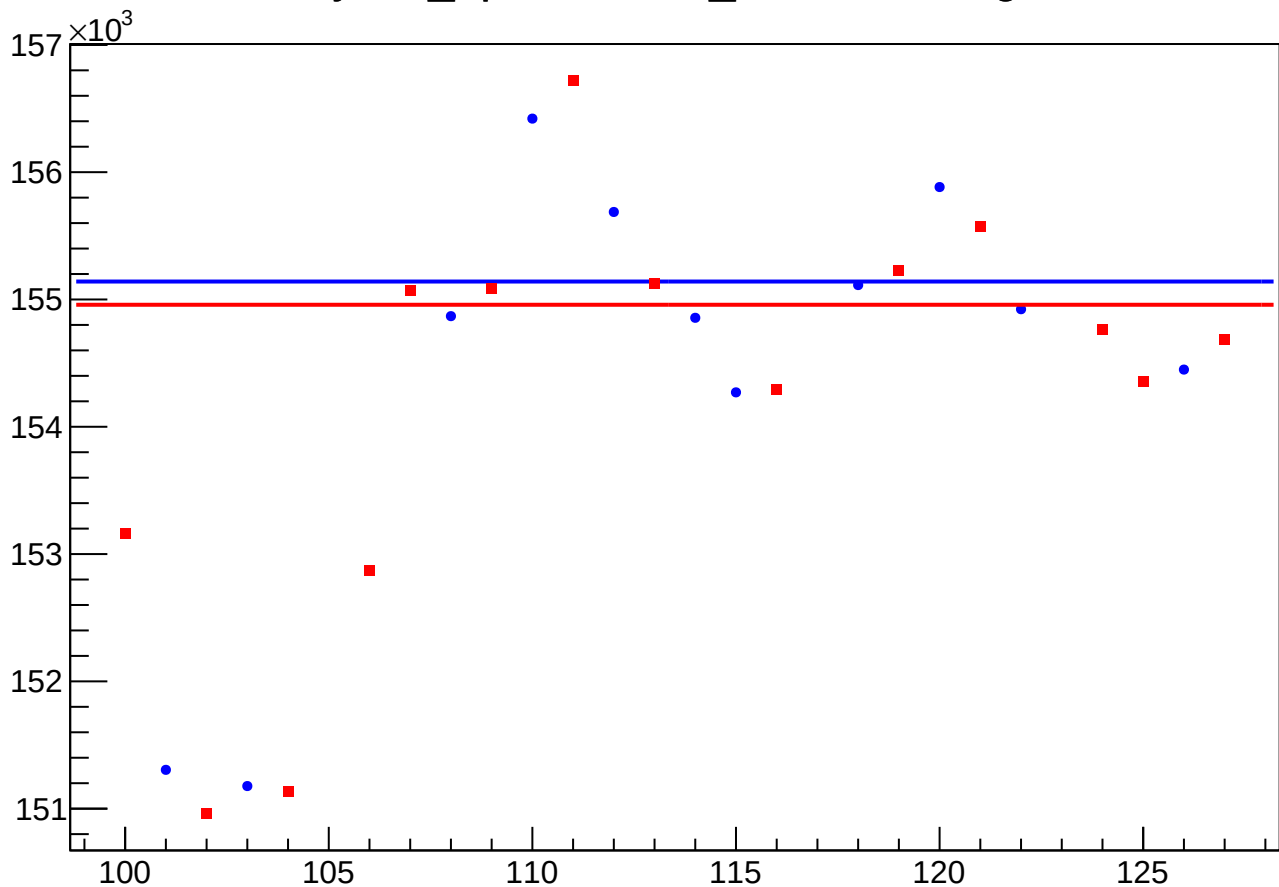
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.591+/-0.043 χ^2/NDF : 1991227.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i02WS_mean vs Slug



Right In: 155140.960 $\pm$ 0.080 χ^2 /NDF: 188660996.6/10

+ 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

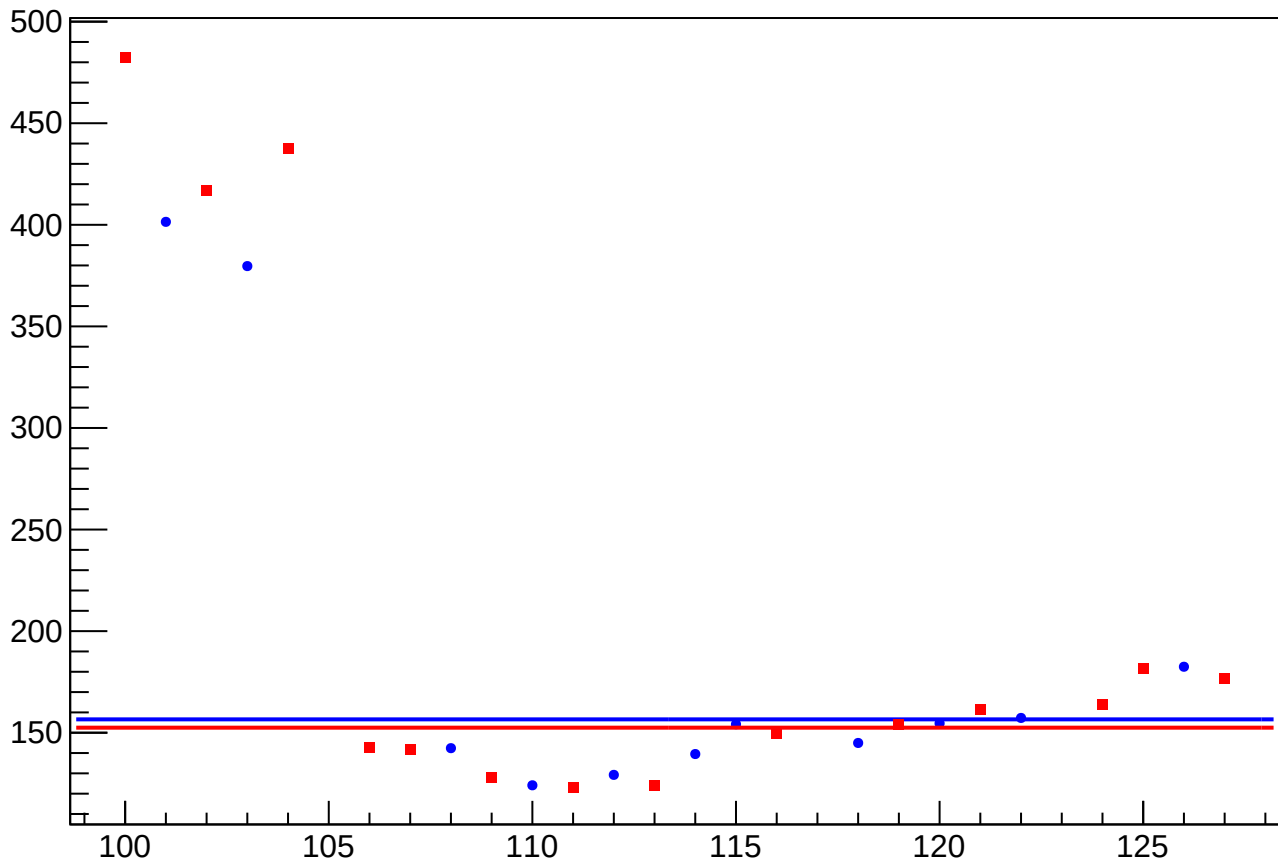
Right Out: 154958.412 $\pm$ 0.070 χ^2 /NDF: 276194340.8/13

All: 155037.334 $\pm$ 0.053 χ^2 /NDF: 467810892

- 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: 156.577 $\pm$ 0.057 χ^2 /NDF: 1001595.9/10

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

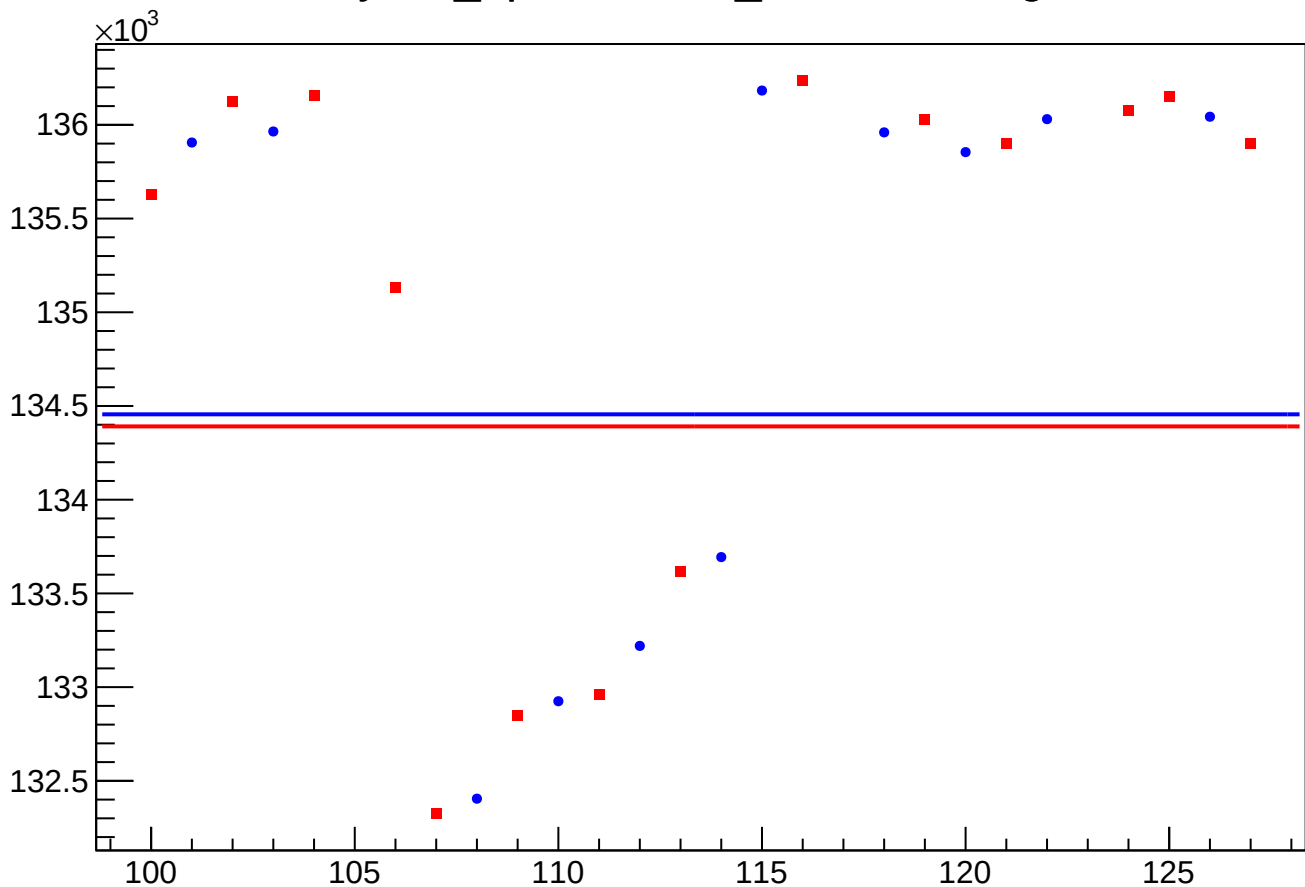
Right Out: 152.484 $\pm$ 0.049 χ^2 /NDF: 1206022.8/13

All: 154.254 $\pm$ 0.037 χ^2 /NDF: 2210589.1/24

- 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_mean vs Slug



Right In: 134455.493 $\pm$ 0.061 χ^2 /NDF: 616641751.5/10

+ 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

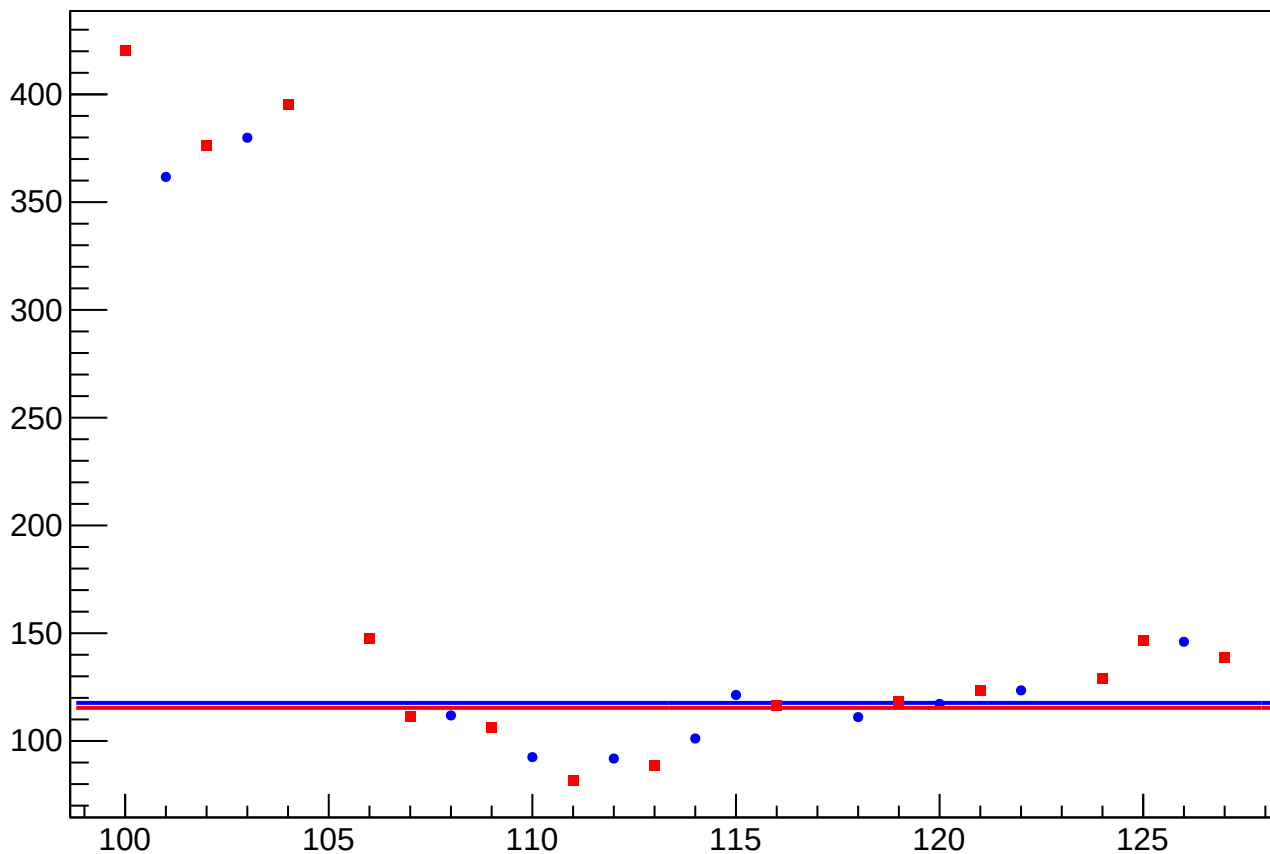
Right Out: 134391.120 $\pm$ 0.054 χ^2 /NDF: 742385898.2/13

All: 134419.456 $\pm$ 0.041 χ^2 /NDF: 135964362

- 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: 117.675+/-0.043 χ^2/NDF : 1337867.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.367+/-0.038 χ^2/NDF : 1538328.1/13

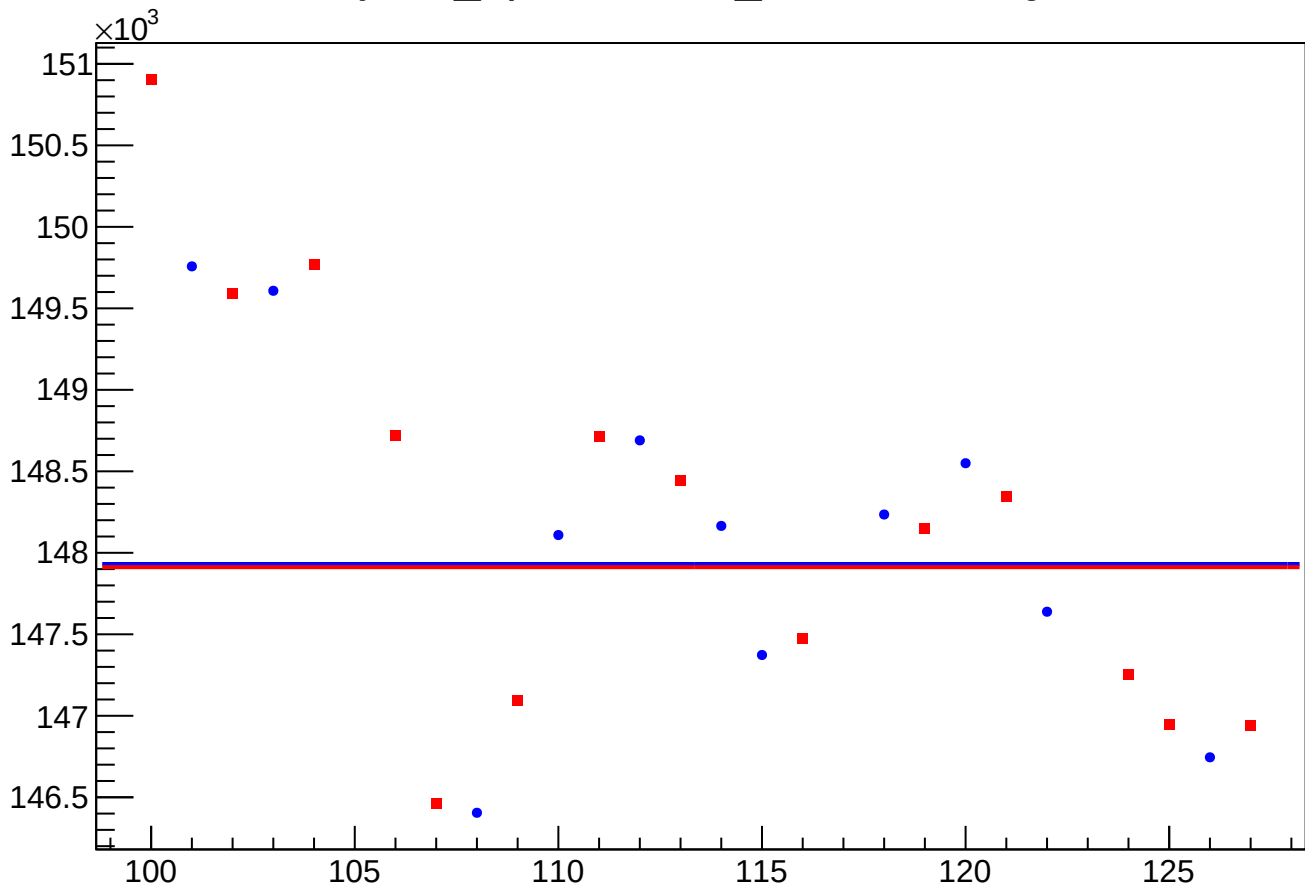
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.383+/-0.029 χ^2/NDF : 2877779.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i06WS_mean vs Slug



Right In: 147931.333 $\pm$ 0.076 χ^2 /NDF: 129557621.5/10

+ 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

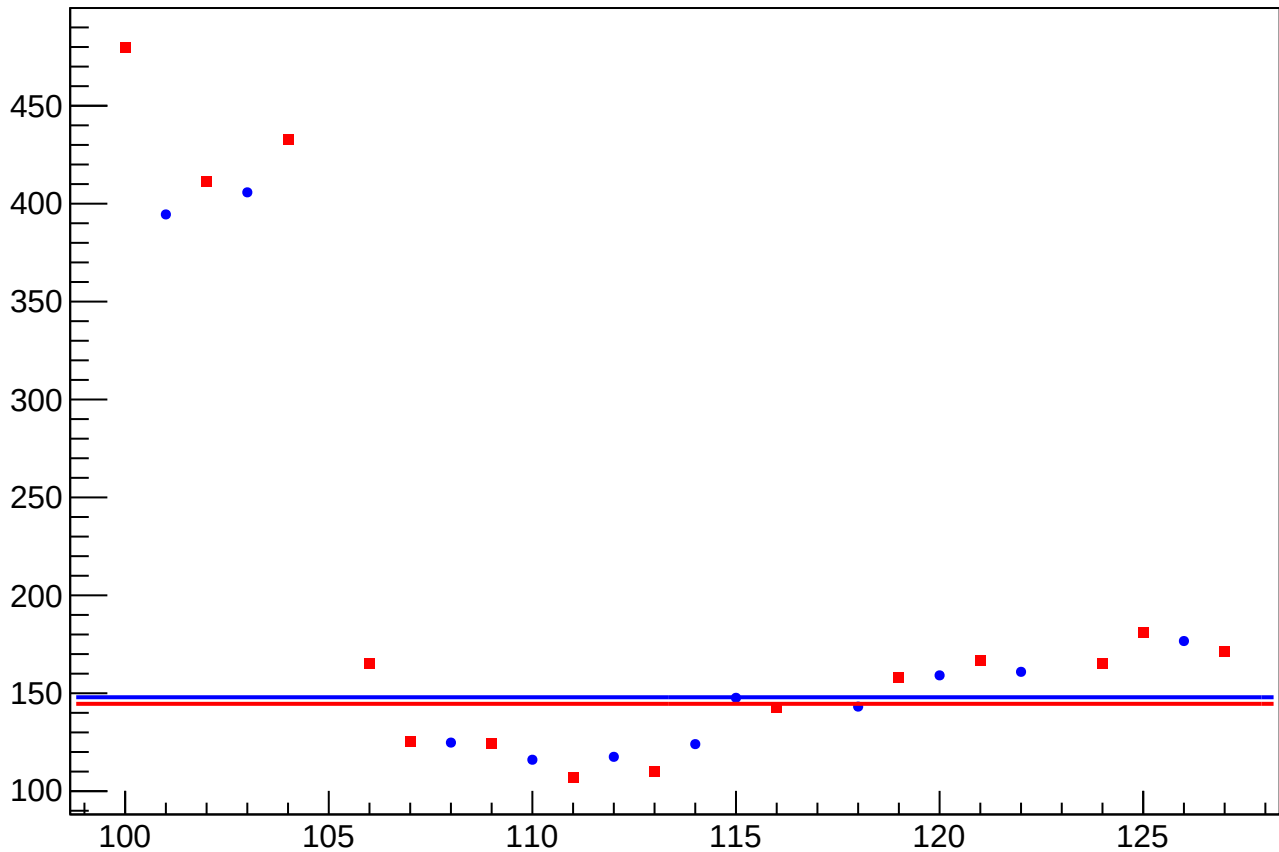
All: 147920.392 $\pm$ 0.050 χ^2 /NDF: 280731323

Right Out: 147911.885 $\pm$ 0.067 χ^2 /NDF: 151137122.8/13

- 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: 147.959 $\pm$ 0.054 χ^2 /NDF: 1174297.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 144.598 $\pm$ 0.048 χ^2 /NDF: 1392612.6/13

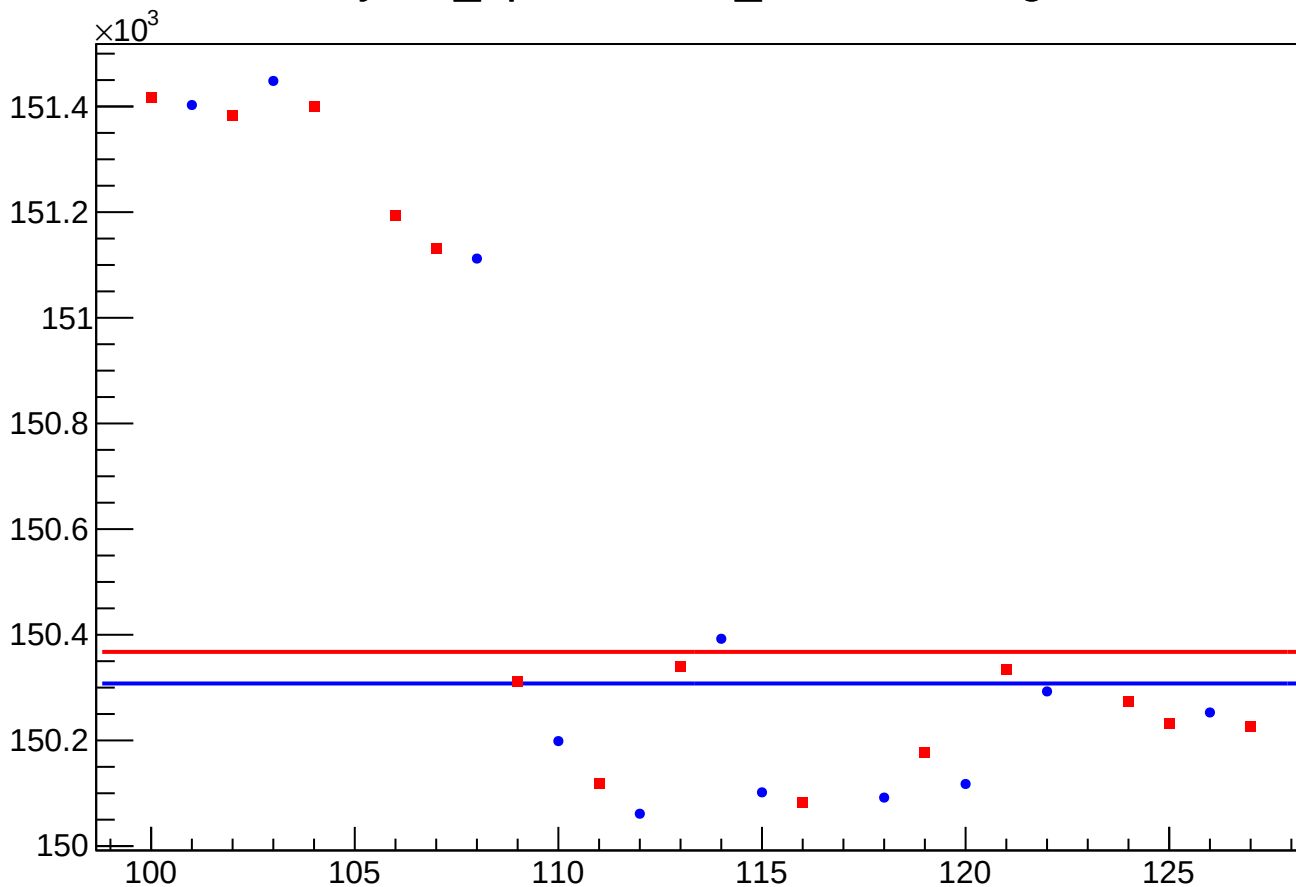
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 146.068 $\pm$ 0.036 χ^2 /NDF: 2569094.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm2i01WS_mean vs Slug



Right In: 150307.795 $\pm$ 0.066 χ^2 /NDF: 33178729.6/10

+ 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

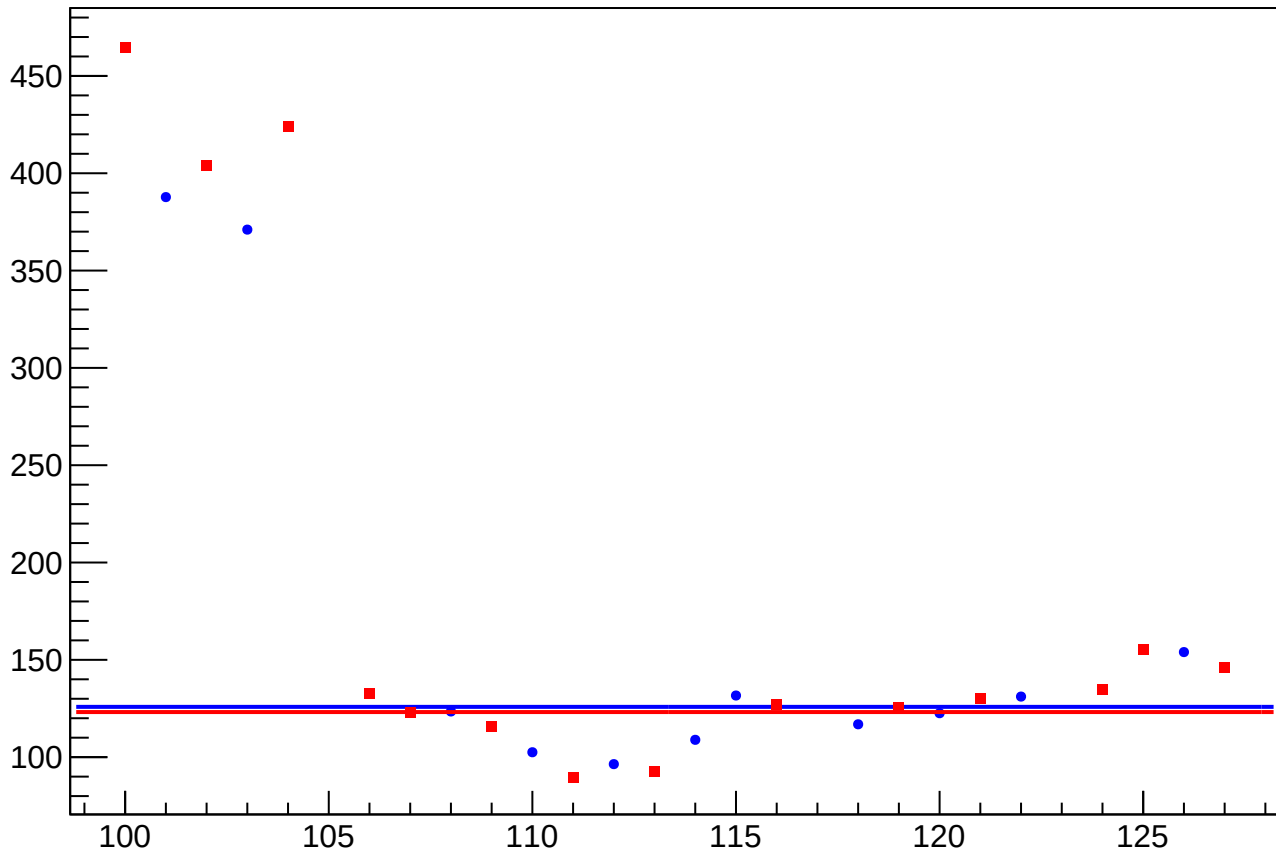
Right Out: 150367.591 $\pm$ 0.058 χ^2 /NDF: 35870974.4/13

All: 150341.601 $\pm$ 0.043 χ^2 /NDF: 69519573.

- 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: 125.843 $\pm$ 0.046 χ^2 /NDF: 1252546.7/10

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

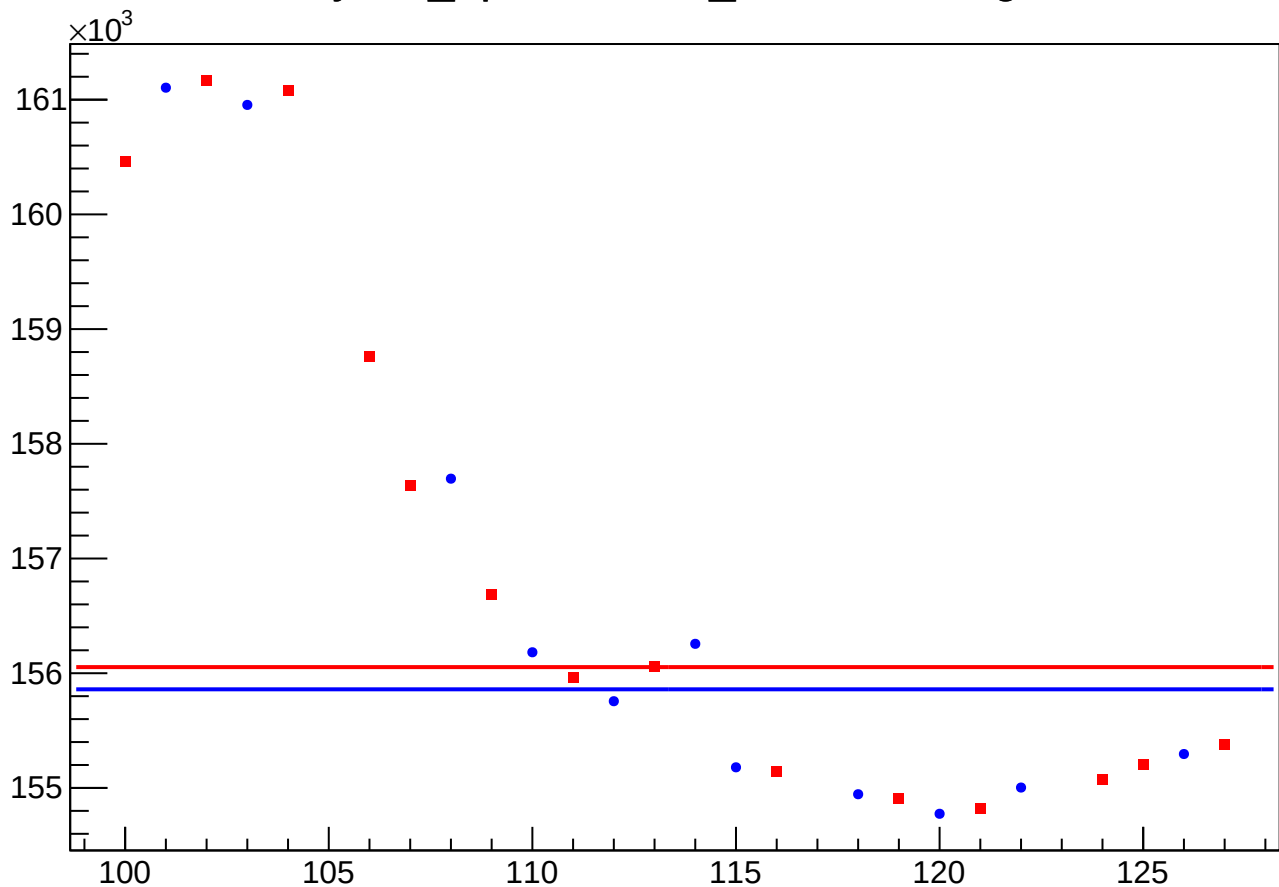
Right Out: 123.171 $\pm$ 0.041 χ^2 /NDF: 1501769.4/13

All: 124.333 $\pm$ 0.031 χ^2 /NDF: 2756192.9/24

- 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_mean vs Slug



Right In: 155859.677 $\pm$ 0.068 χ^2 /NDF: 369288903.1/10

+ 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

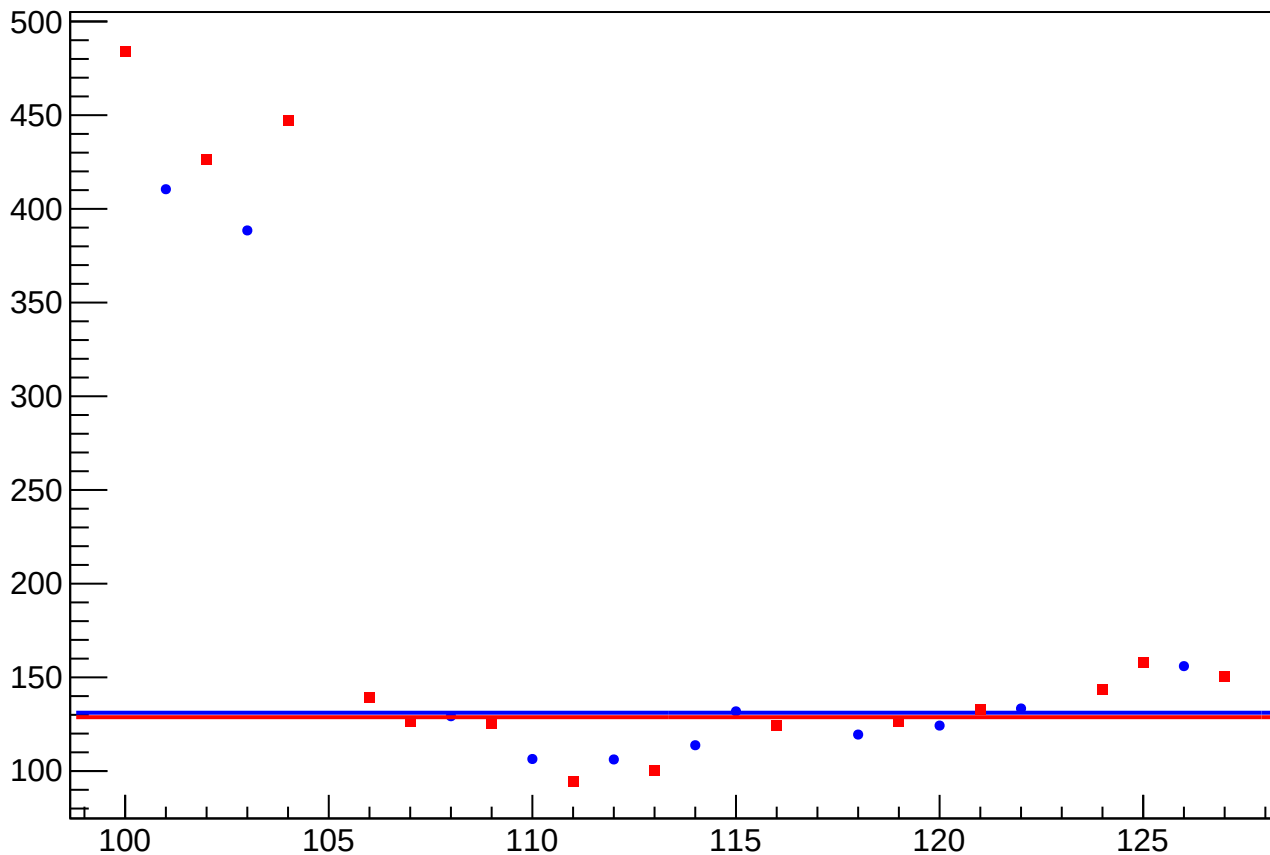
Right Out: 156053.377 $\pm$ 0.060 χ^2 /NDF: 458995269.1/13

All: 155968.951 $\pm$ 0.045 χ^2 /NDF: 832826595.1/13

- 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: 131.136 $\pm$ 0.048 χ^2 /NDF: 1228546.5/10

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

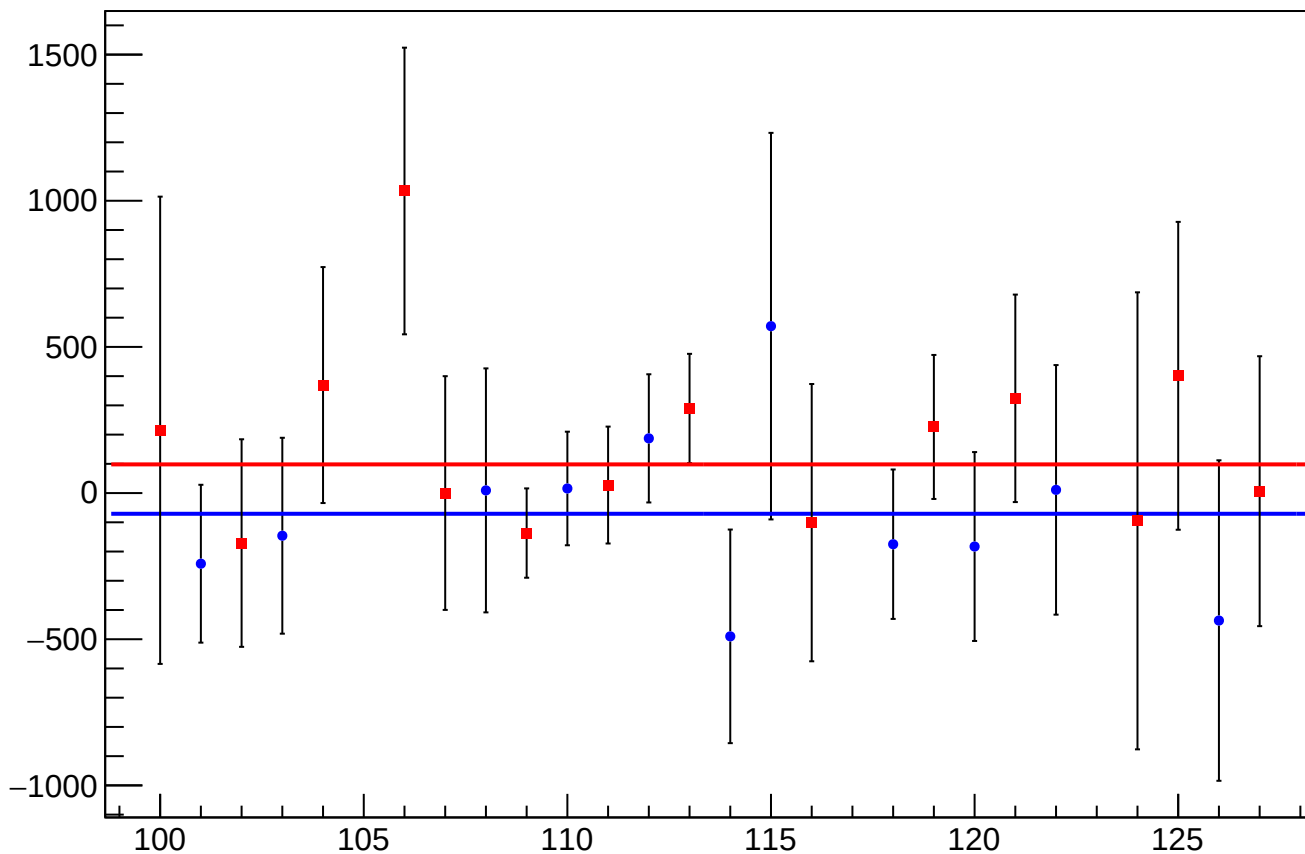
Right Out: 128.743 $\pm$ 0.042 χ^2 /NDF: 1468839.7/13

All: 129.786 $\pm$ 0.032 χ^2 /NDF: 2698772.7/24

- 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_bcm_target_mean vs Slug



Right In: -70.824+/-91.619 χ^2/NDF : 5.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.138+/-78.735 χ^2/NDF : 9.6/13

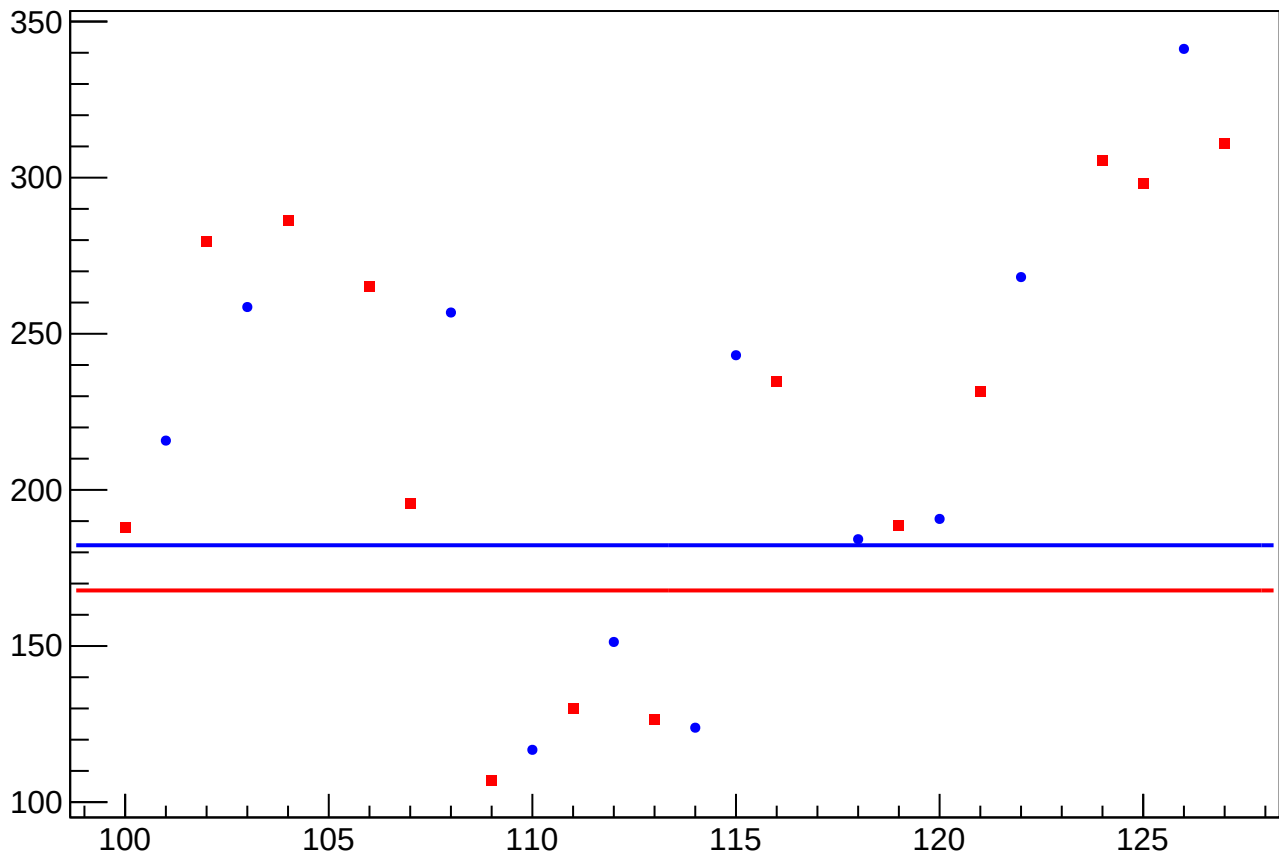
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.363+/-59.714 χ^2/NDF : 16.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_target_rms vs Slug



Right In: 182.269+/-0.065 χ^2/NDF : 784309.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.795+/-0.056 χ^2/NDF : 1444555.4/13

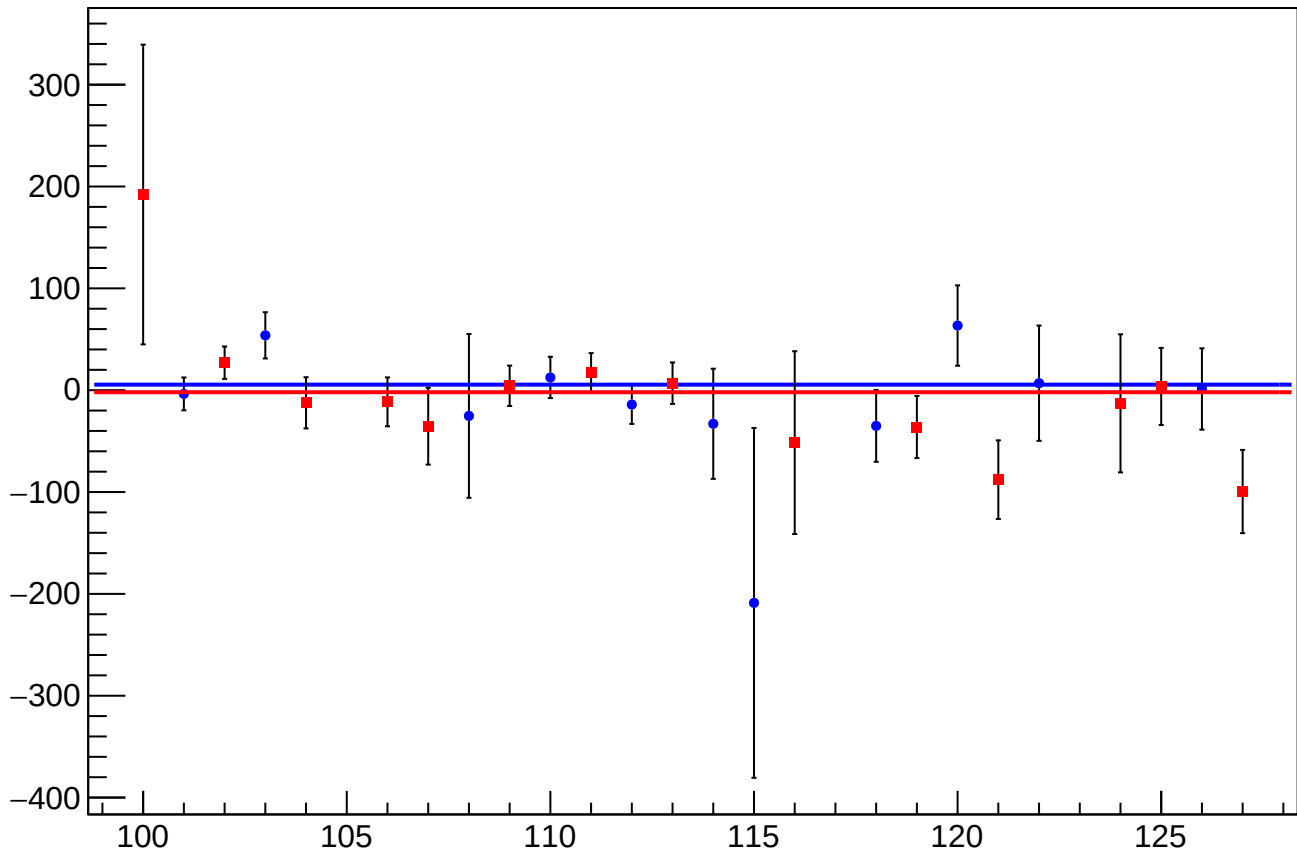
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.943+/-0.042 χ^2/NDF : 2257575.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_diff_mean vs Slug



Right In: 5.442 $\pm$ 8.484 χ^2 /NDF: 11.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.982 $\pm$ 7.237 χ^2 /NDF: 19.7/13

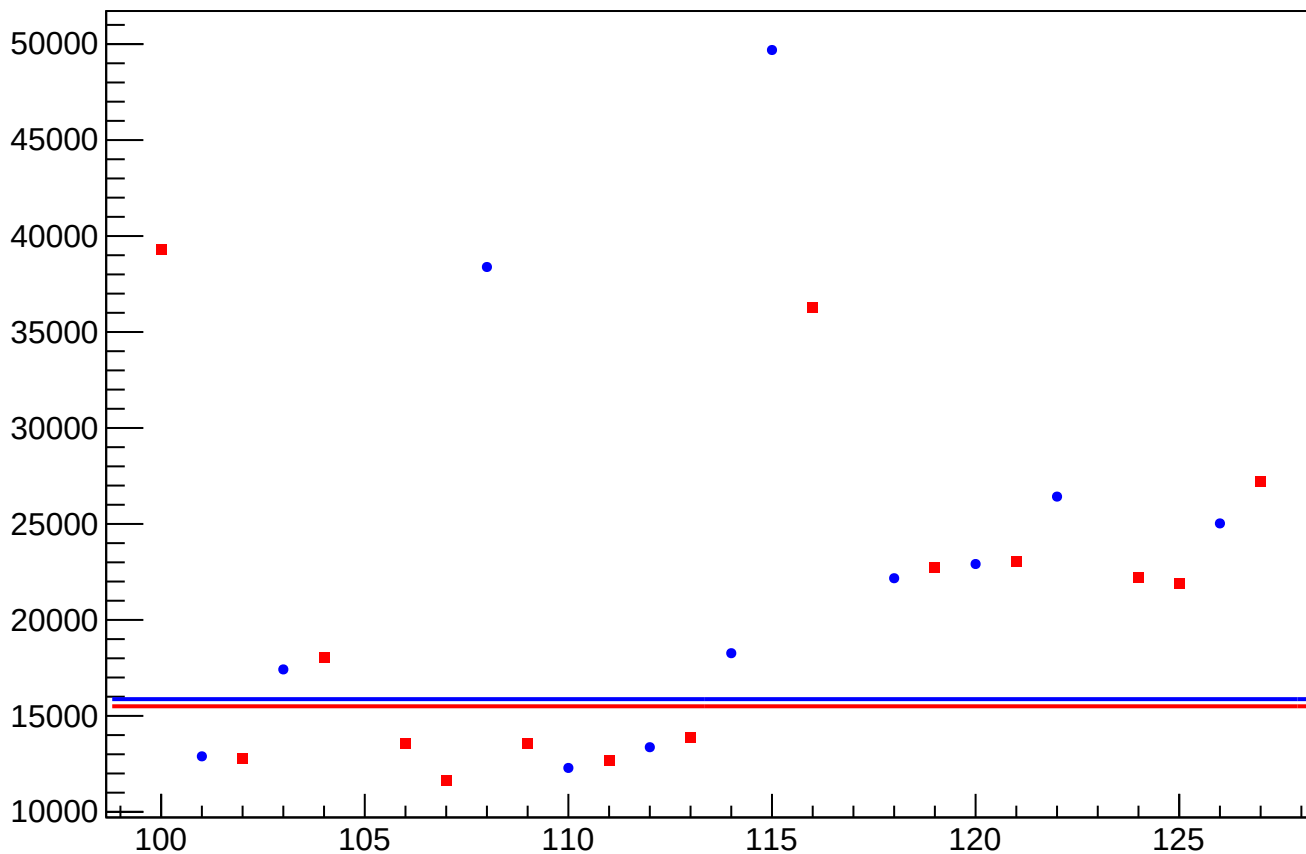
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.145 $\pm$ 5.506 χ^2 /NDF: 31.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_diff_rms vs Slug



Right In: 15872.866+/-5.999 χ^2/NDF : 714902.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

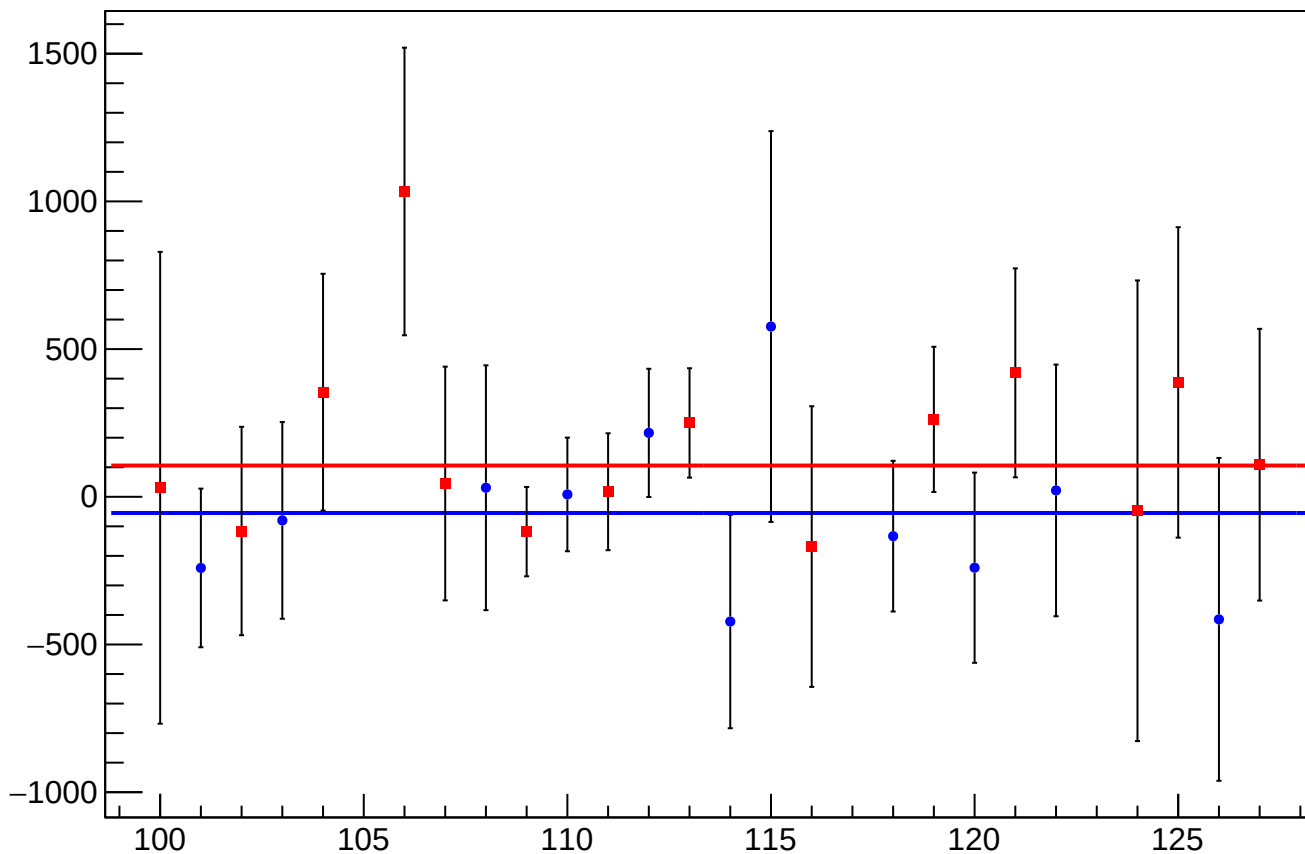
Right Out: 15500.313+/-5.117 χ^2/NDF : 780378.8/13

All: 15657.226+/-3.893 χ^2/NDF : 1497513.2/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_ds_mean vs Slug



Right In: -54.856 $\pm$ 90.984 χ^2 /NDF: 5.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 105.786 $\pm$ 78.124 χ^2 /NDF: 9.3/13

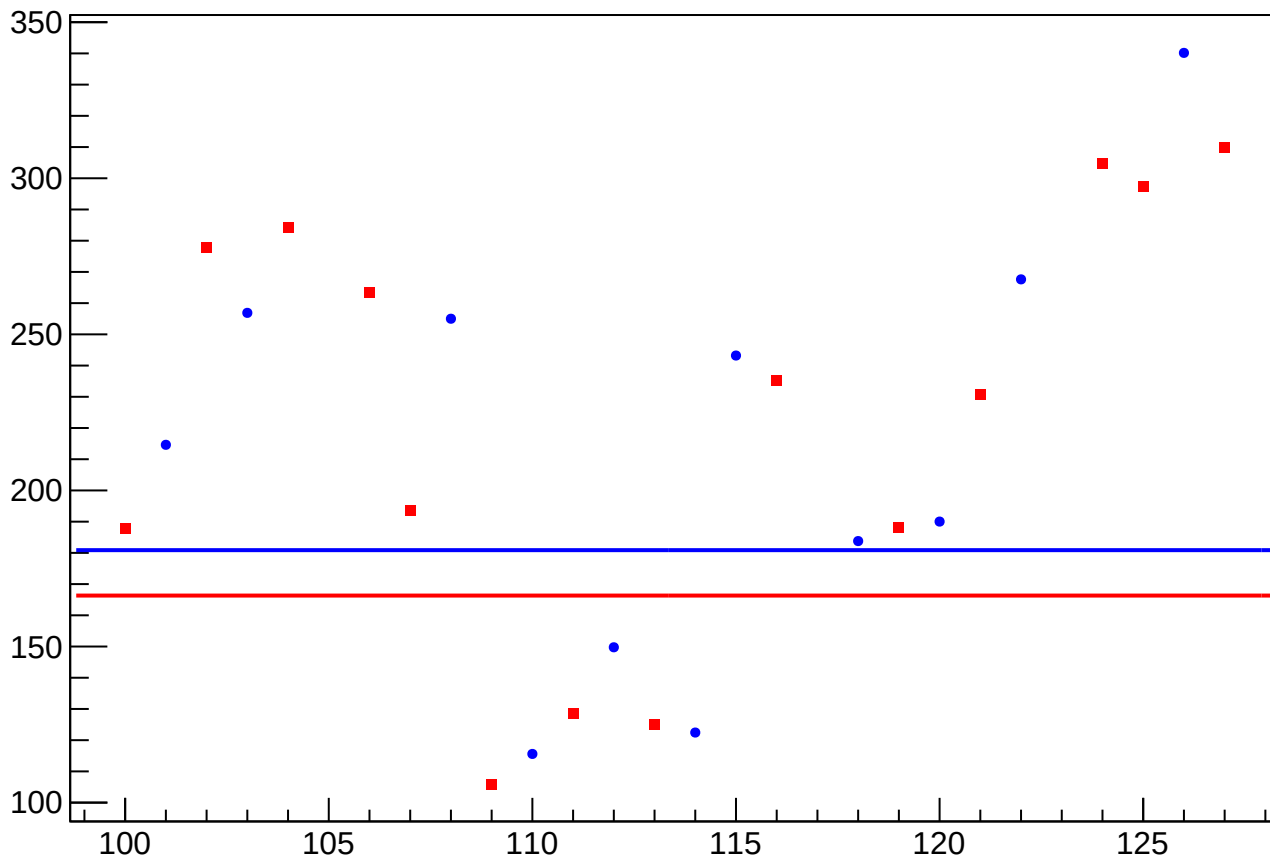
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 37.611 $\pm$ 59.272 χ^2 /NDF: 16.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_ds_rms vs Slug



Right In: 180.872+/-0.064 χ^2/NDF : 796138.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 166.325+/-0.055 χ^2/NDF : 1462594.2/13

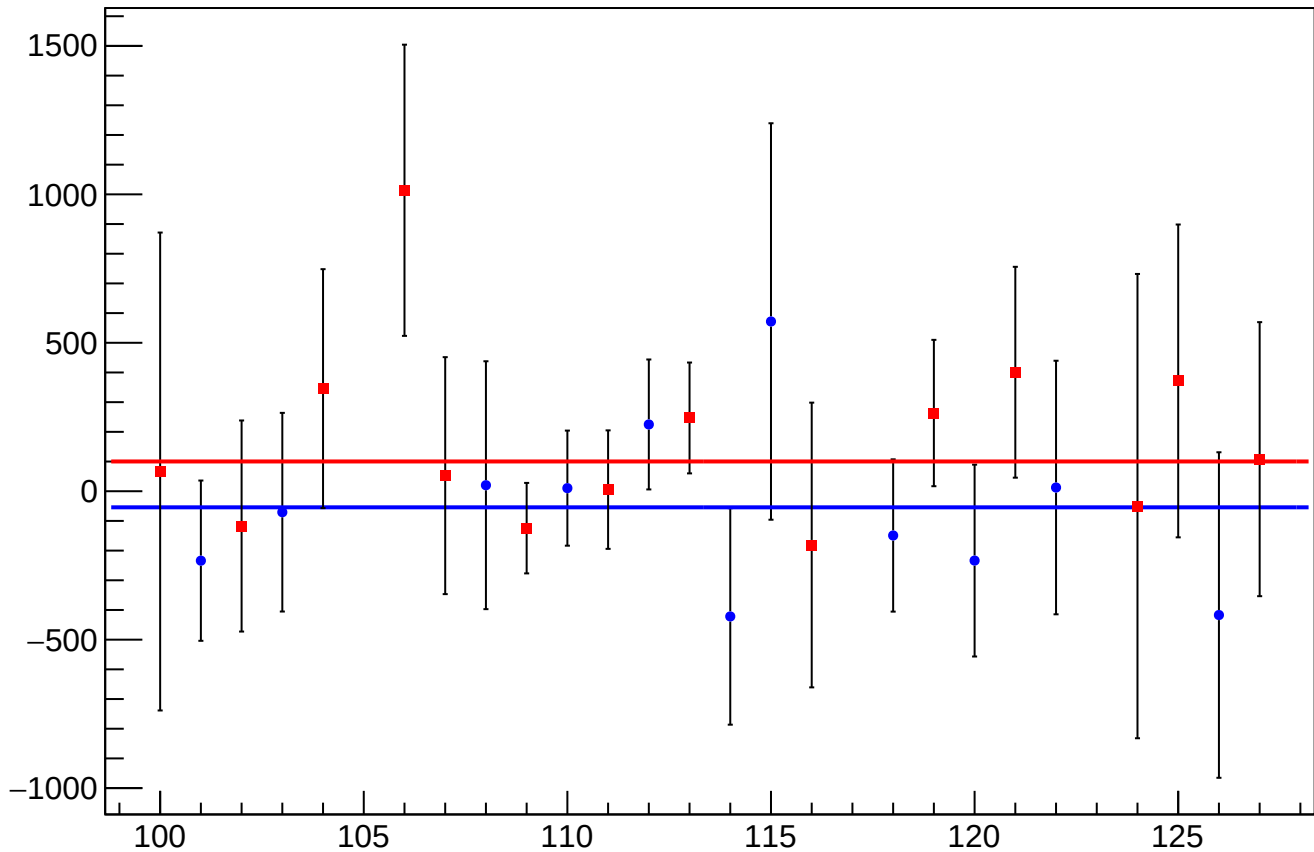
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.498+/-0.042 χ^2/NDF : 2288162.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_ds3_mean vs Slug



Right In: -54.230+/-91.580 χ^2/NDF : 5.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.264+/-78.667 χ^2/NDF : 9.0/13

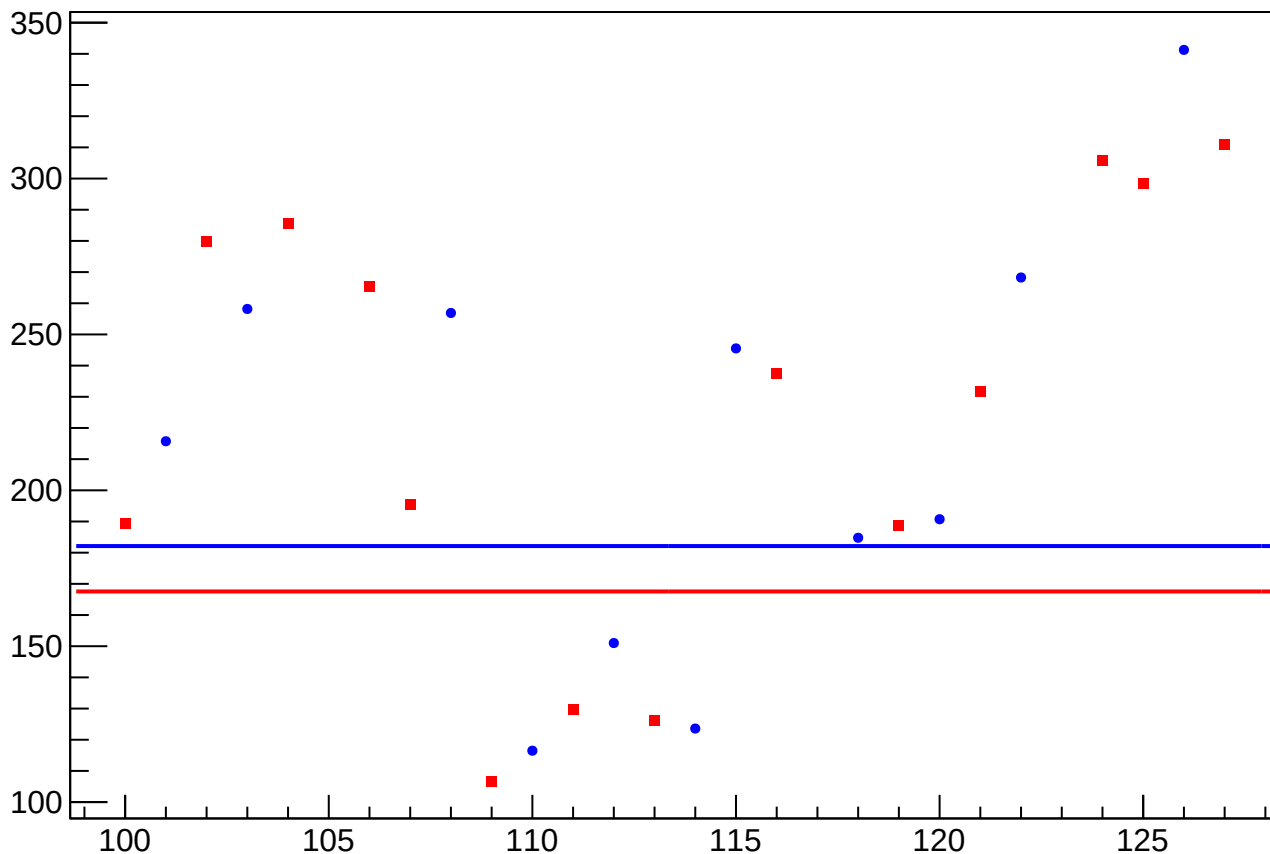
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.668+/-59.674 χ^2/NDF : 15.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_ds3_rms vs Slug



Right In: 182.124+/-0.065 χ^2/NDF : 789307.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.559+/-0.056 χ^2/NDF : 1453725.1/13

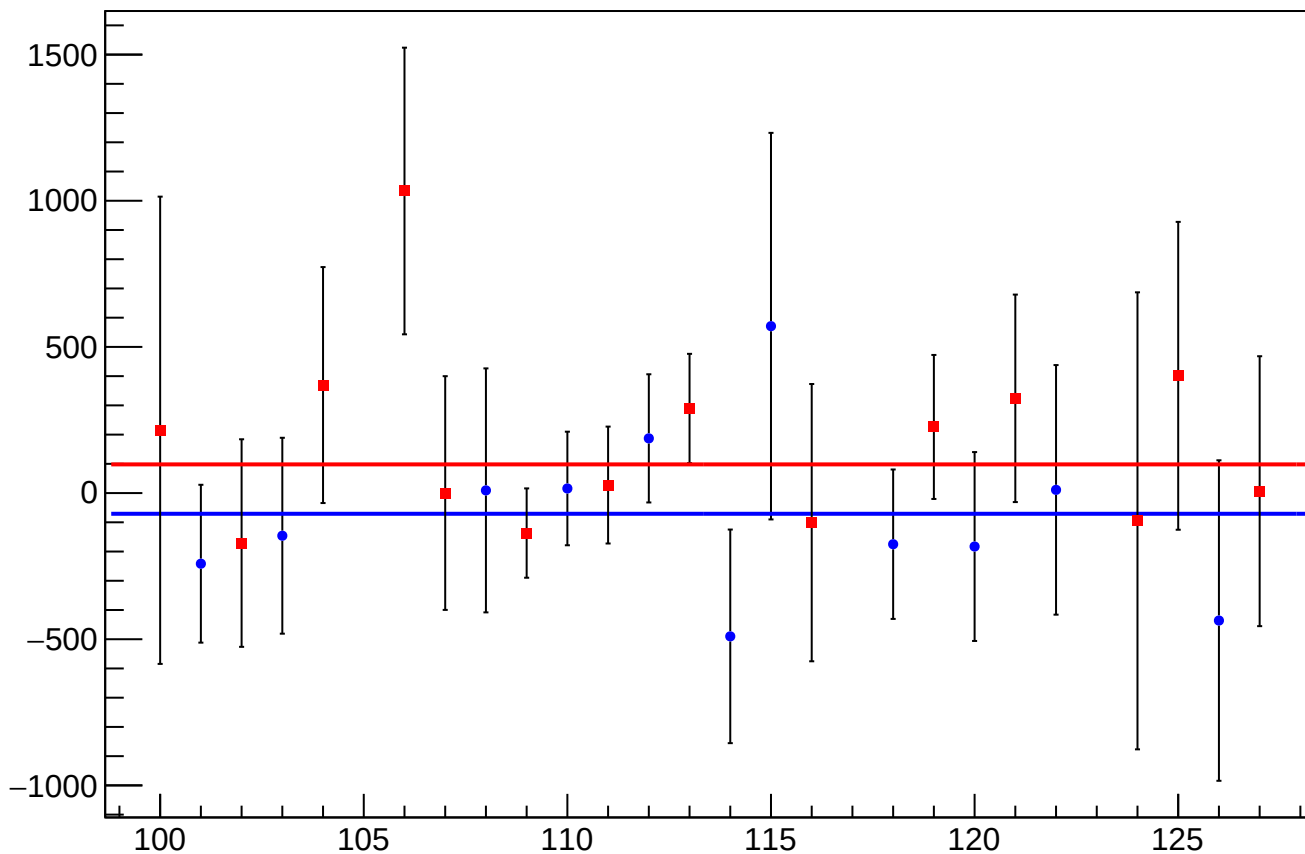
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.743+/-0.042 χ^2/NDF : 2272143.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_mean vs Slug



Right In: -70.824+/-91.619 χ^2/NDF : 5.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.138+/-78.735 χ^2/NDF : 9.6/13

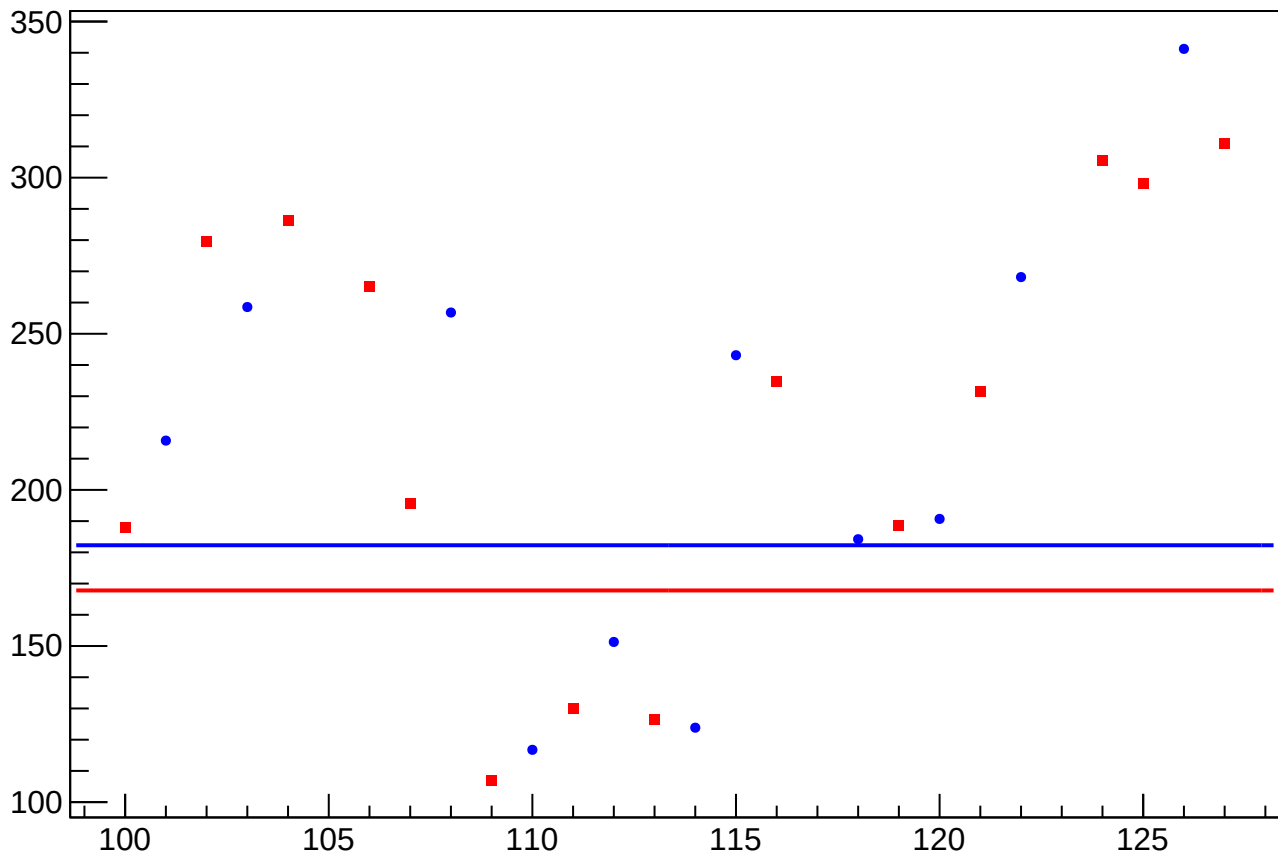
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.363+/-59.714 χ^2/NDF : 16.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_rms vs Slug



Right In: 182.269+/-0.065 χ^2/NDF : 784309.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.795+/-0.056 χ^2/NDF : 1444555.4/13

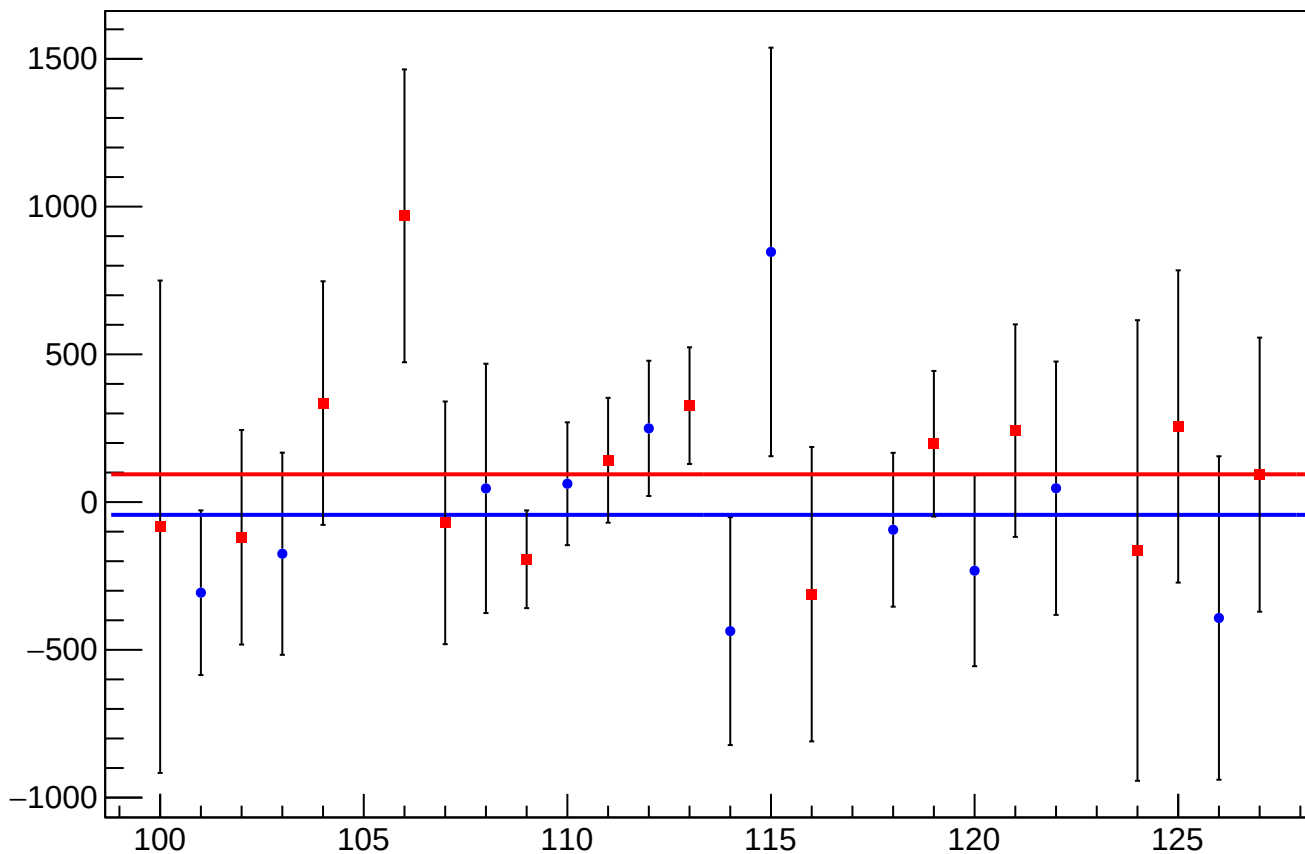
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.943+/-0.042 χ^2/NDF : 2257575.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_mean vs Slug



Right In: -43.166+/-94.828 χ^2/NDF : 6.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.048+/-82.289 χ^2/NDF : 9.7/13

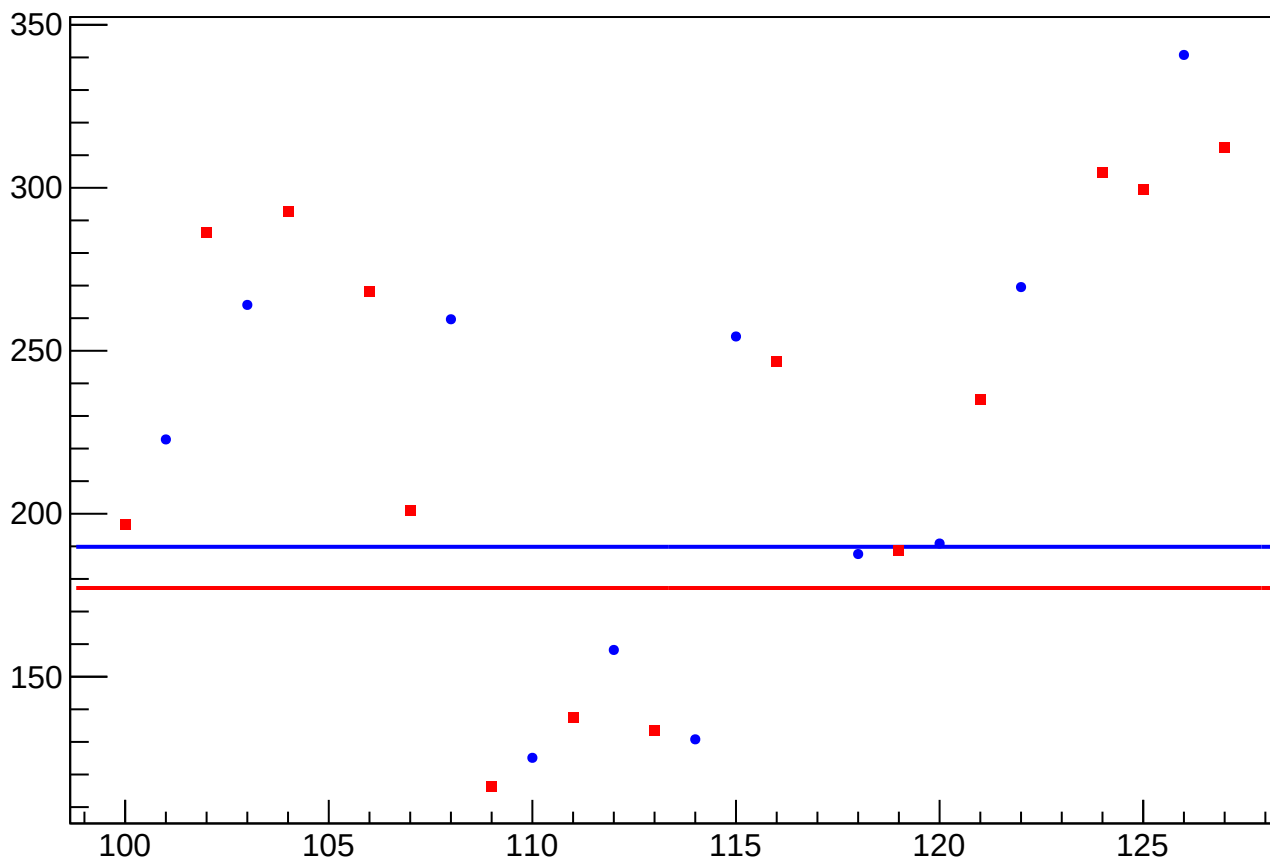
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.106+/-62.151 χ^2/NDF : 17.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_rms vs Slug



Right In: 189.860 $\pm$ 0.067 χ^2 /NDF: 694802.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 177.223 $\pm$ 0.058 χ^2 /NDF: 1276725.3/13

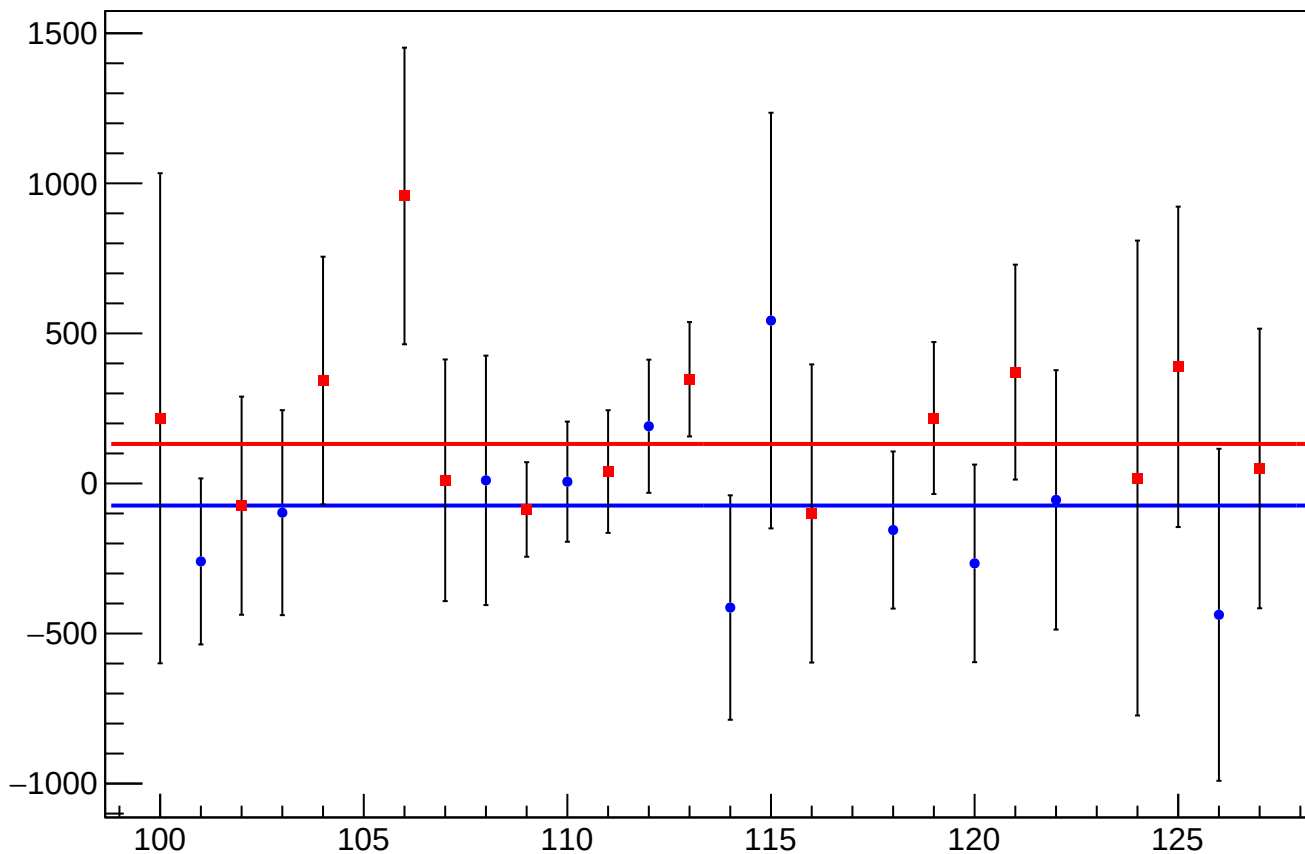
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 182.651 $\pm$ 0.044 χ^2 /NDF: 1991789.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_mean vs Slug



Right In: -73.580 $\pm$ 93.501 χ^2 /NDF: 4.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 131.699 $\pm$ 80.540 χ^2 /NDF: 7.9/13

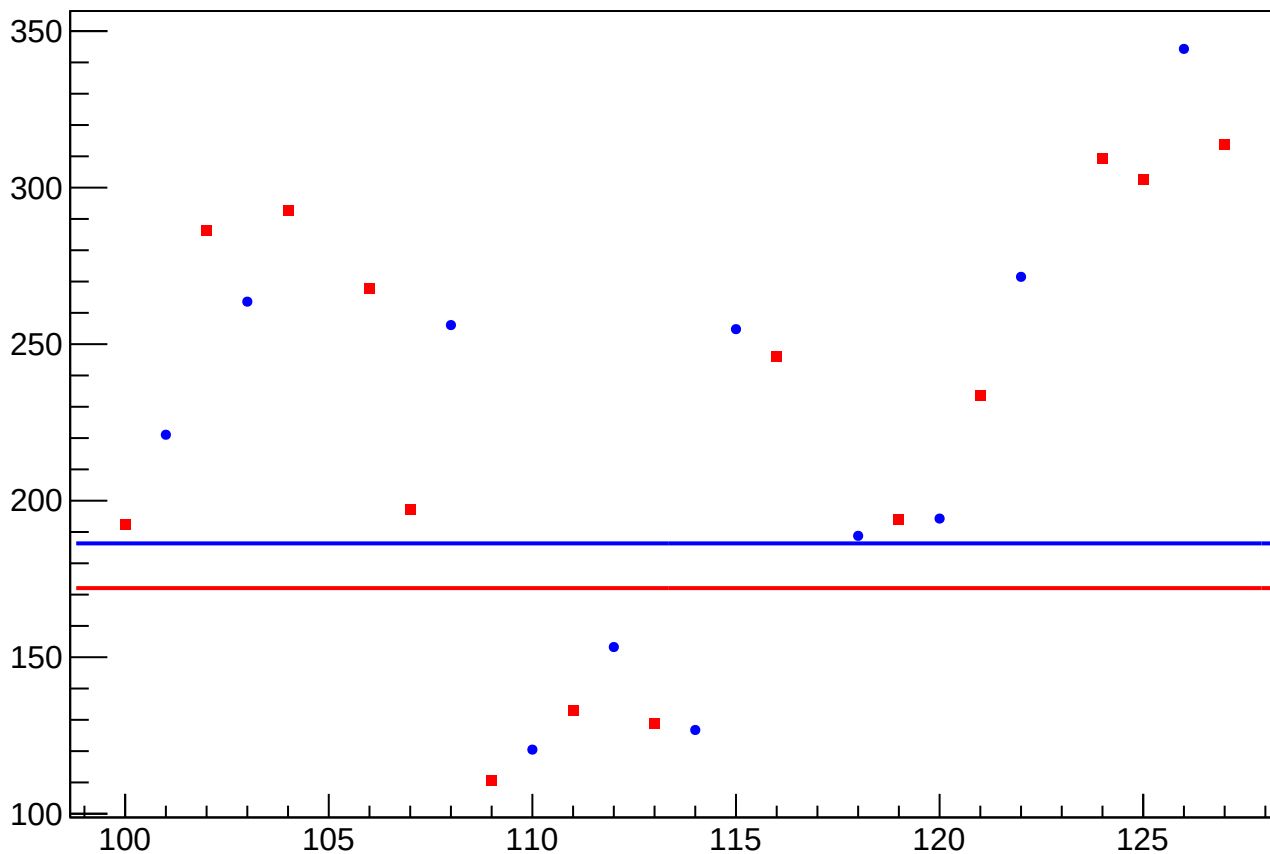
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 44.263 $\pm$ 61.023 χ^2 /NDF: 15.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_rms vs Slug



Right In: 186.362 $\pm$ 0.066 χ^2 /NDF: 763539.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 172.080 $\pm$ 0.057 χ^2 /NDF: 1416052.6/13

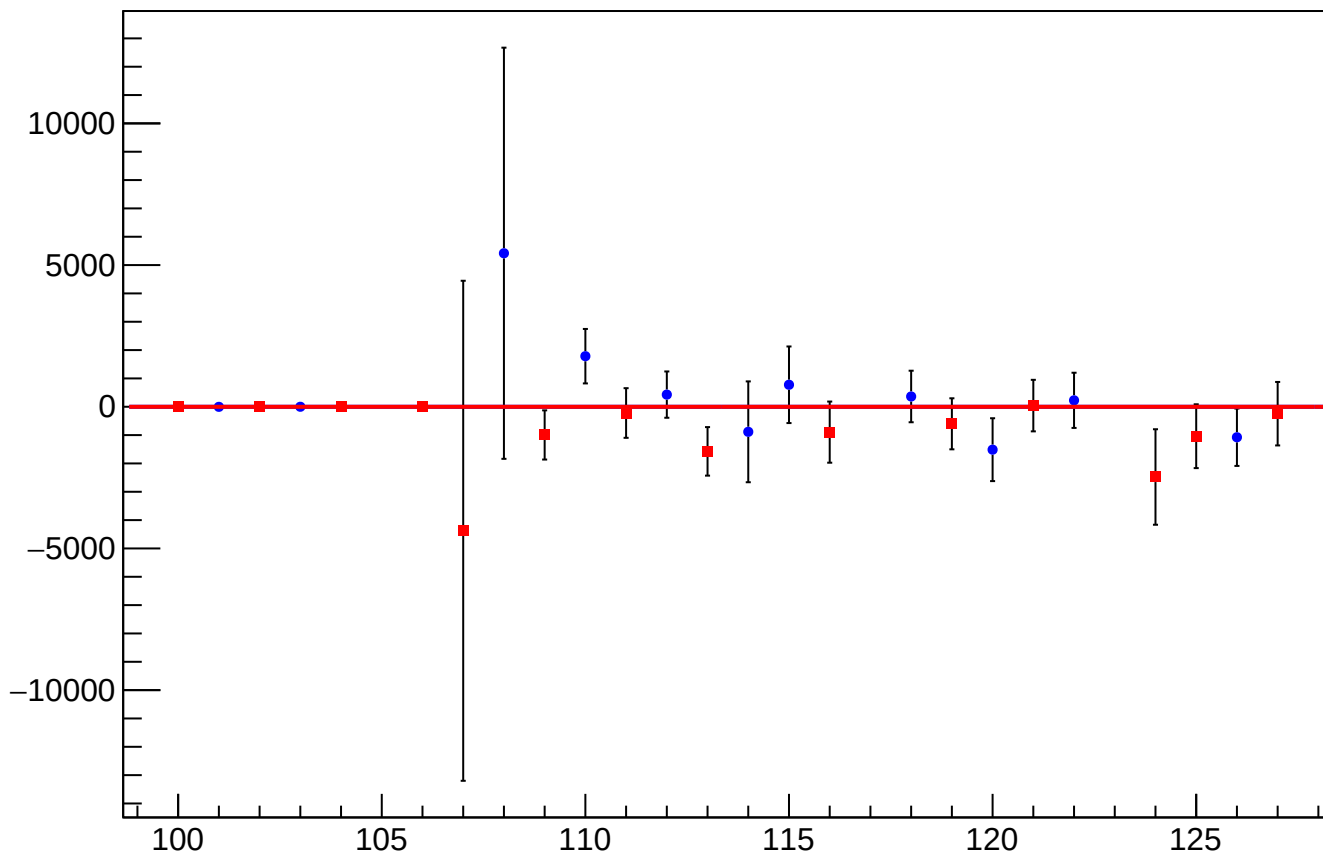
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 178.164 $\pm$ 0.043 χ^2 /NDF: 2206379.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_cav4bQ_mean vs Slug



Right In: -1.212+/-2.171 χ^2/NDF : 8.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.392+/-2.022 χ^2/NDF : 14.4/13

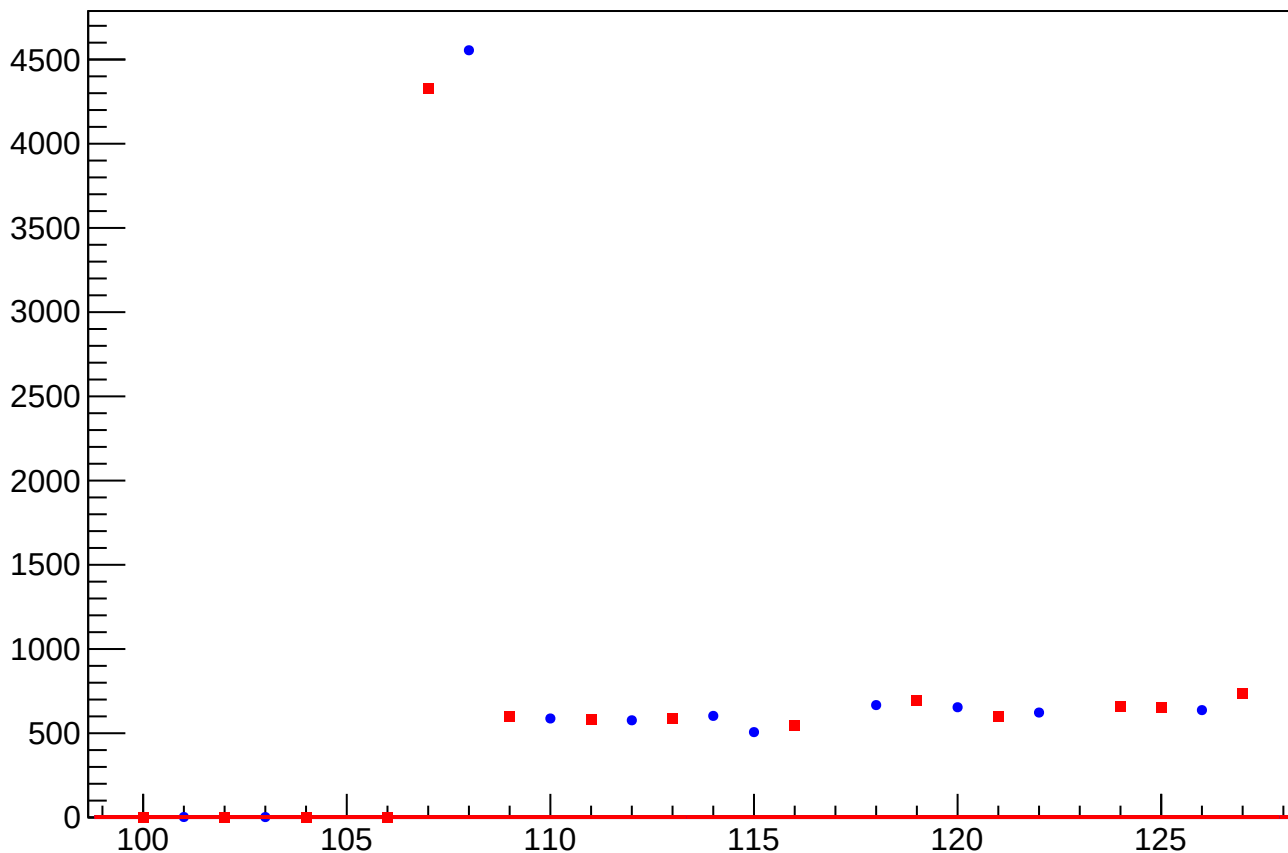
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.308+/-1.480 χ^2/NDF : 22.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_cav4bQ_rms vs Slug



Right In: 2.452 $\pm$ 0.002 χ^2 /NDF: 6397388.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.446 $\pm$ 0.001 χ^2 /NDF: 7631775.4/13

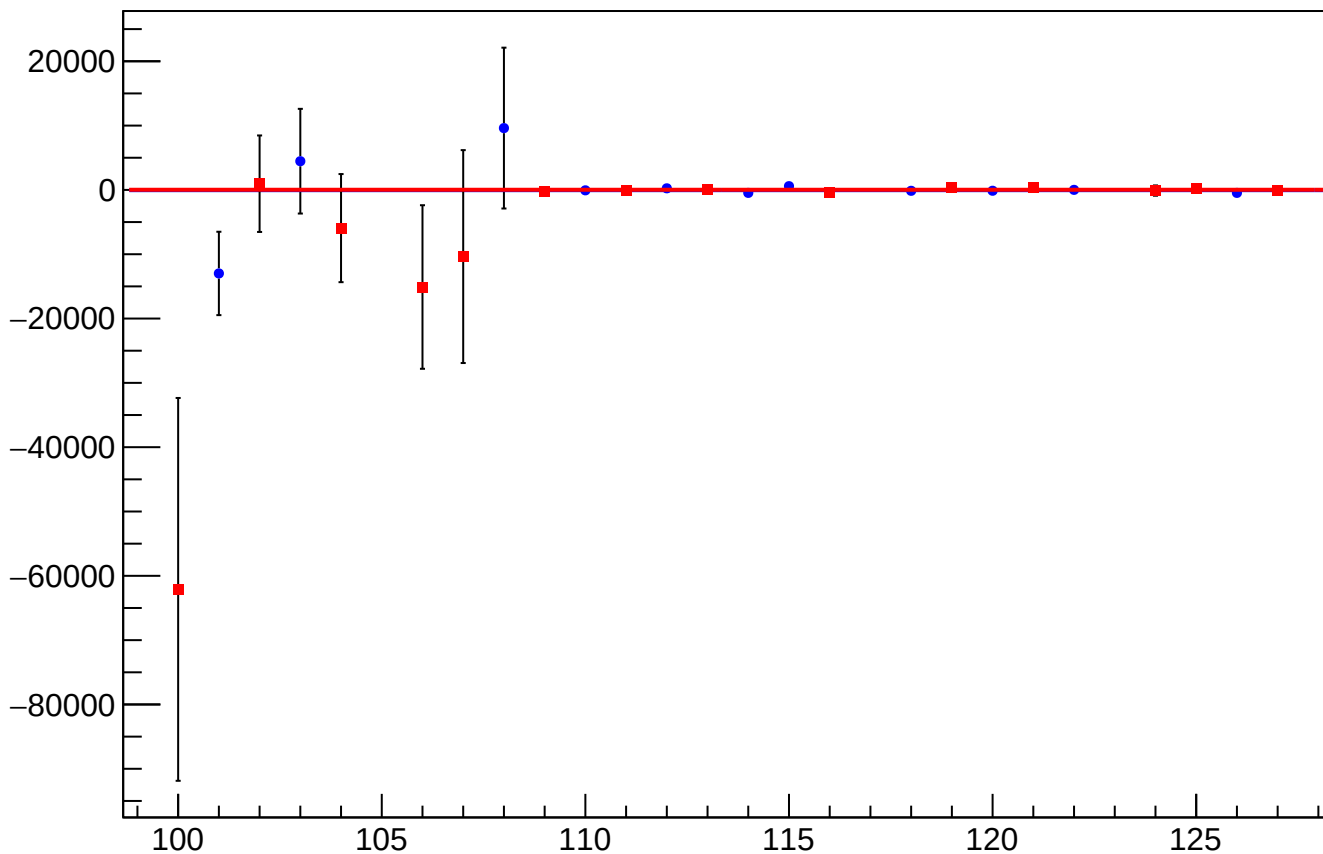
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.449 $\pm$ 0.001 χ^2 /NDF: 14029170.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_cav4cQ_mean vs Slug



Right In: -40.752 ± 109.935 χ^2/NDF : 9.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 23.251 ± 98.378 χ^2/NDF : 10.8/13

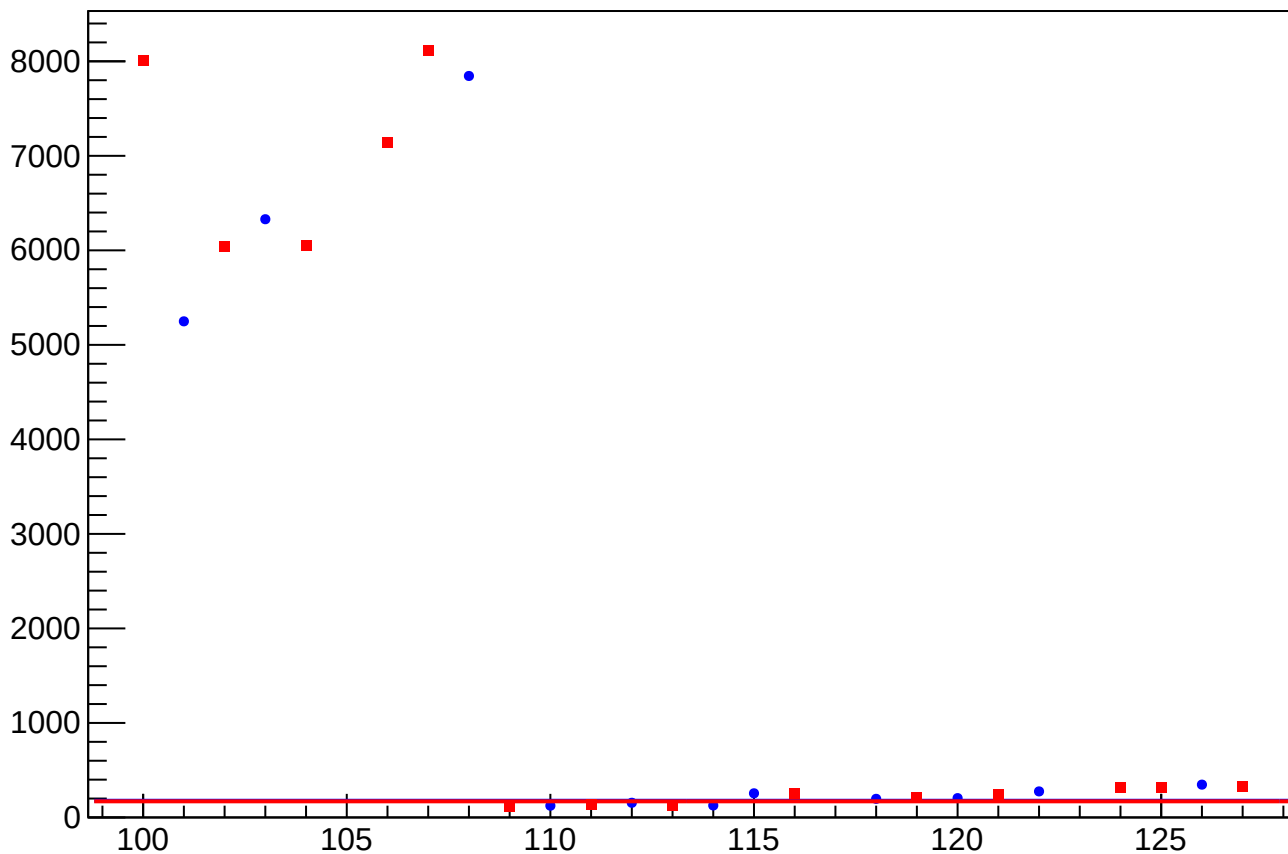
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.211 ± 73.310 χ^2/NDF : 20.4/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_cav4cQ_rms vs Slug



Right In: 176.586+/-0.078 χ^2/NDF : 3639683.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 170.733+/-0.070 χ^2/NDF : 4221287.9/13

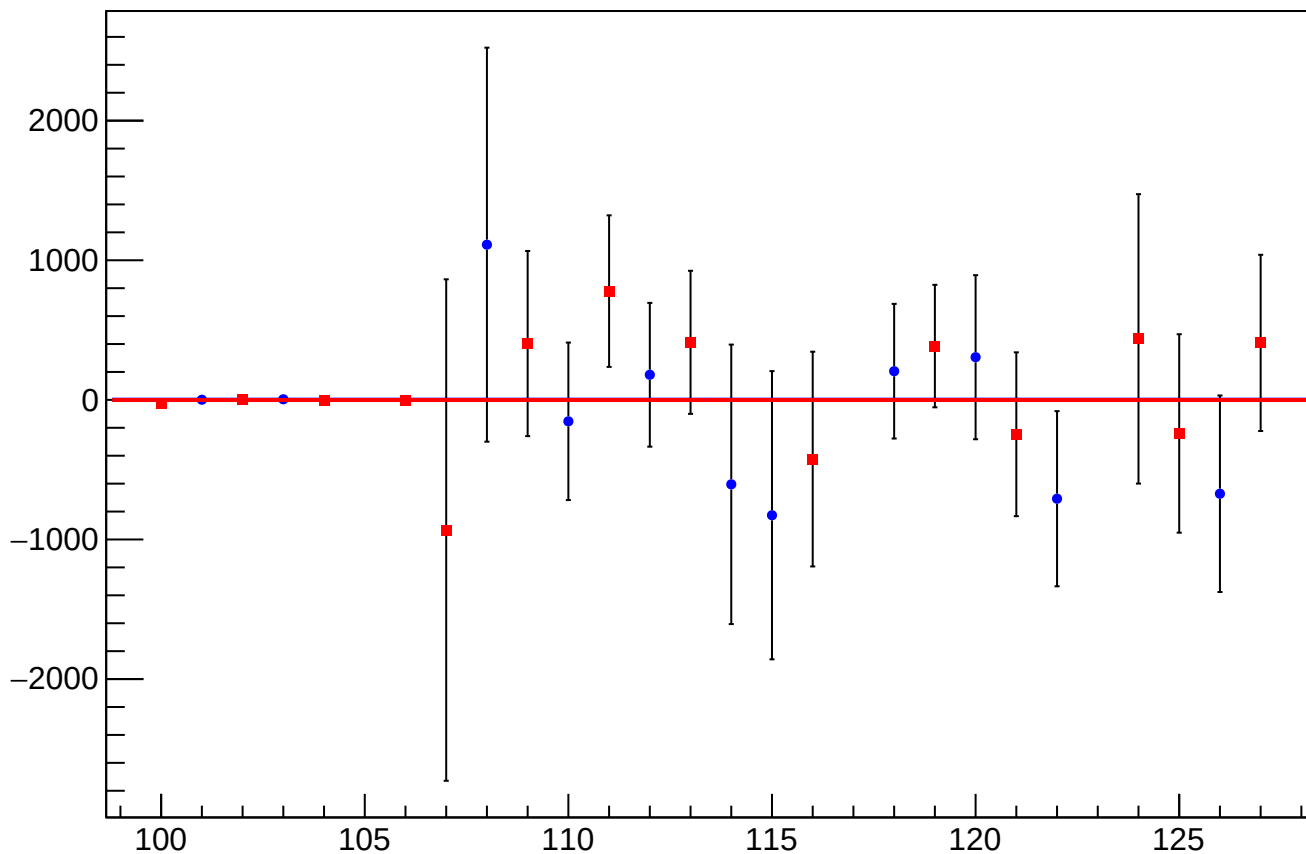
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.336+/-0.052 χ^2/NDF : 7864119.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_cav4dQ_mean vs Slug



Right In: 1.438 $\pm$ 1.660 χ^2 /NDF: 4.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.098 $\pm$ 1.528 χ^2 /NDF: 7.8/13

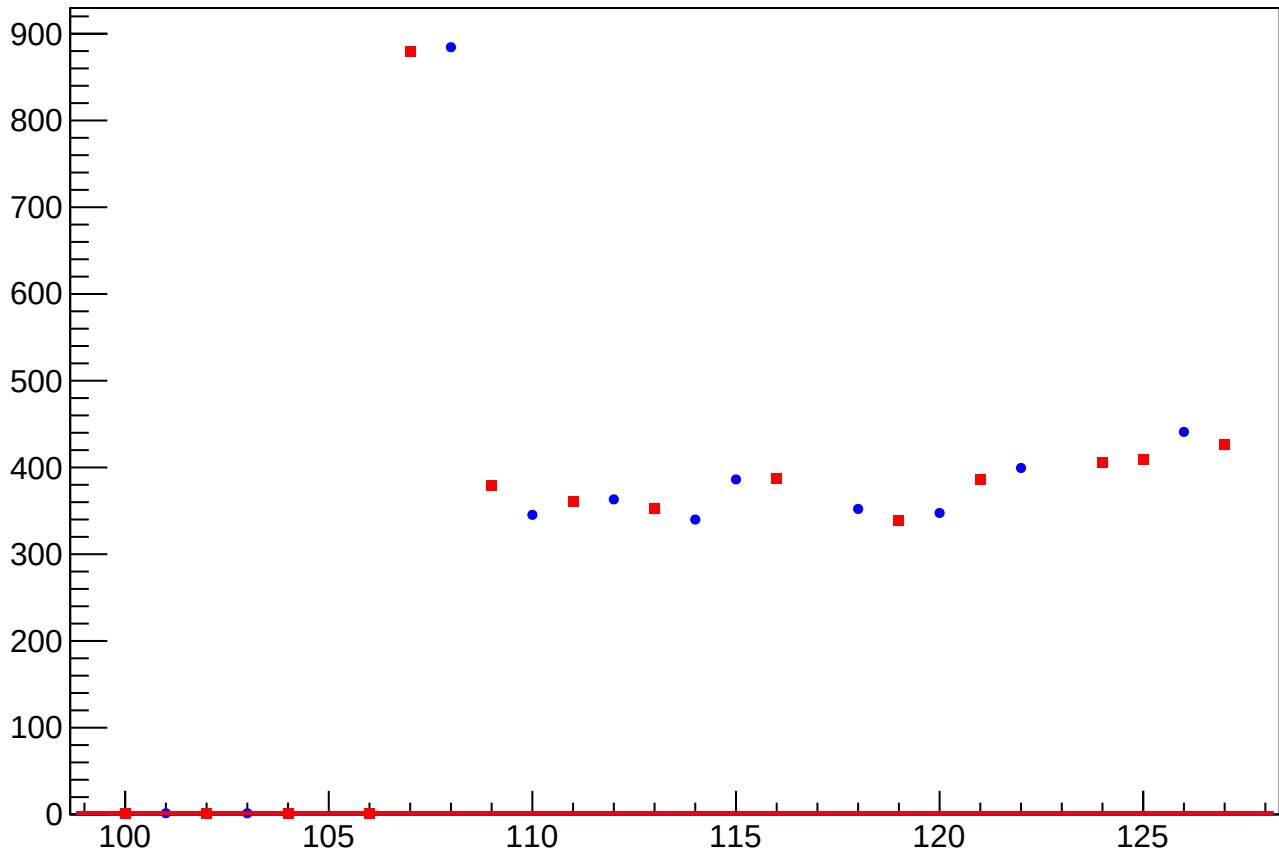
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.065 $\pm$ 1.124 χ^2 /NDF: 14.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_cav4dQ_rms vs Slug



Right In: 1.451+/-0.001 χ^2/NDF : 6357008.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.455+/-0.001 χ^2/NDF : 7356134.4/13

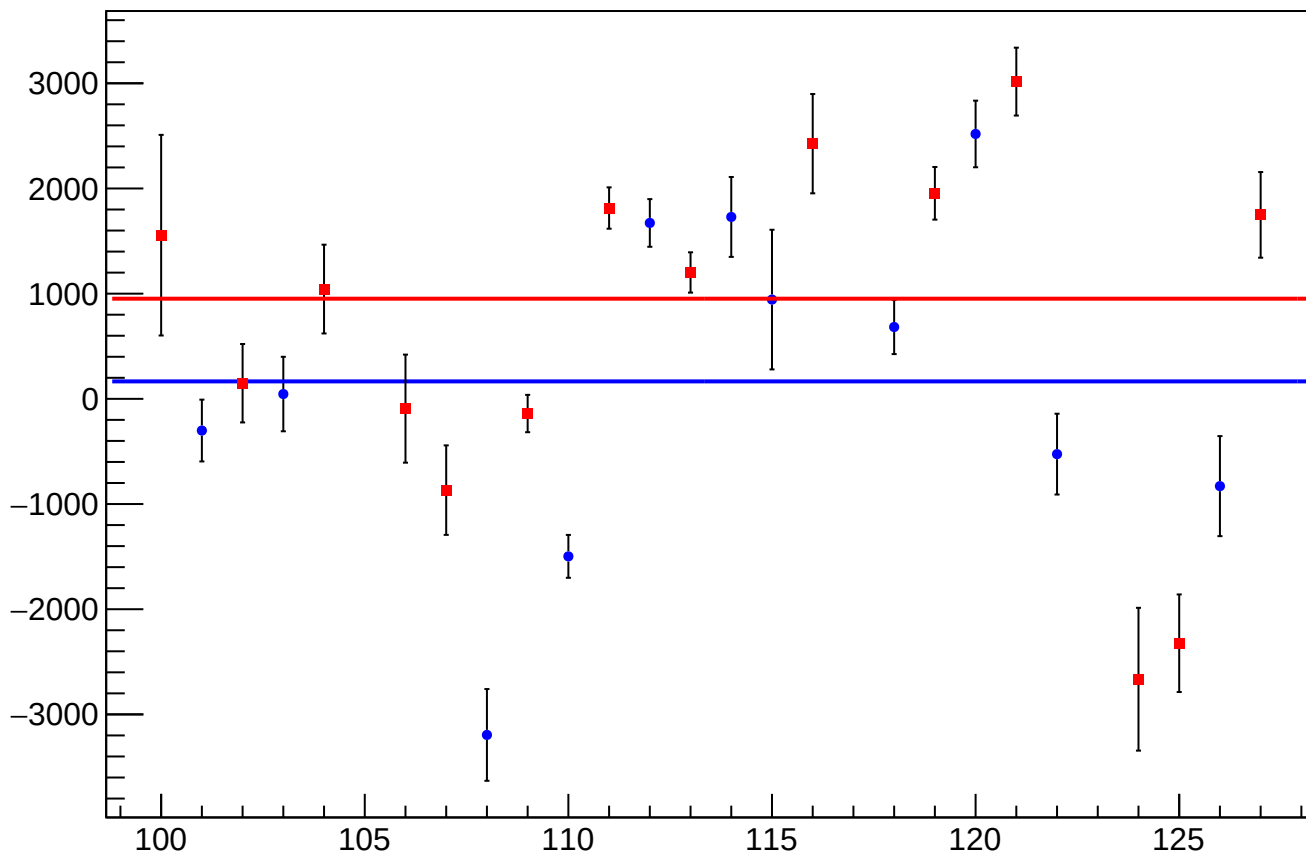
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.453+/-0.001 χ^2/NDF : 13713149.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm0l02_mean vs Slug



Right In: 165.972 $\pm$ 93.732 χ^2 /NDF: 258.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 952.186 $\pm$ 81.378 χ^2 /NDF: 235.1/13

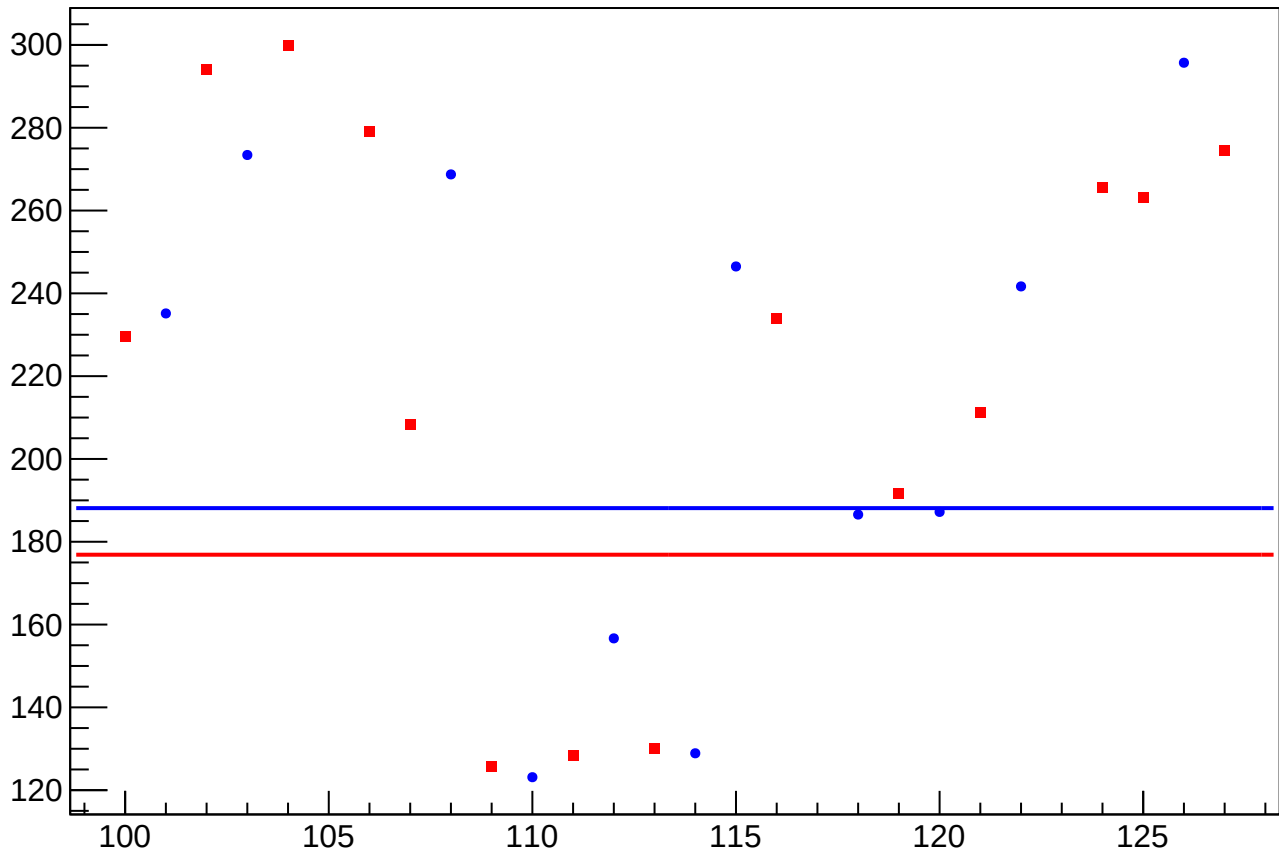
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 614.273 $\pm$ 61.450 χ^2 /NDF: 533.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm0l02_rms vs Slug



Right In: 188.125+/-0.066 χ^2/NDF : 682968.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.872+/-0.058 χ^2/NDF : 1149106.3/13

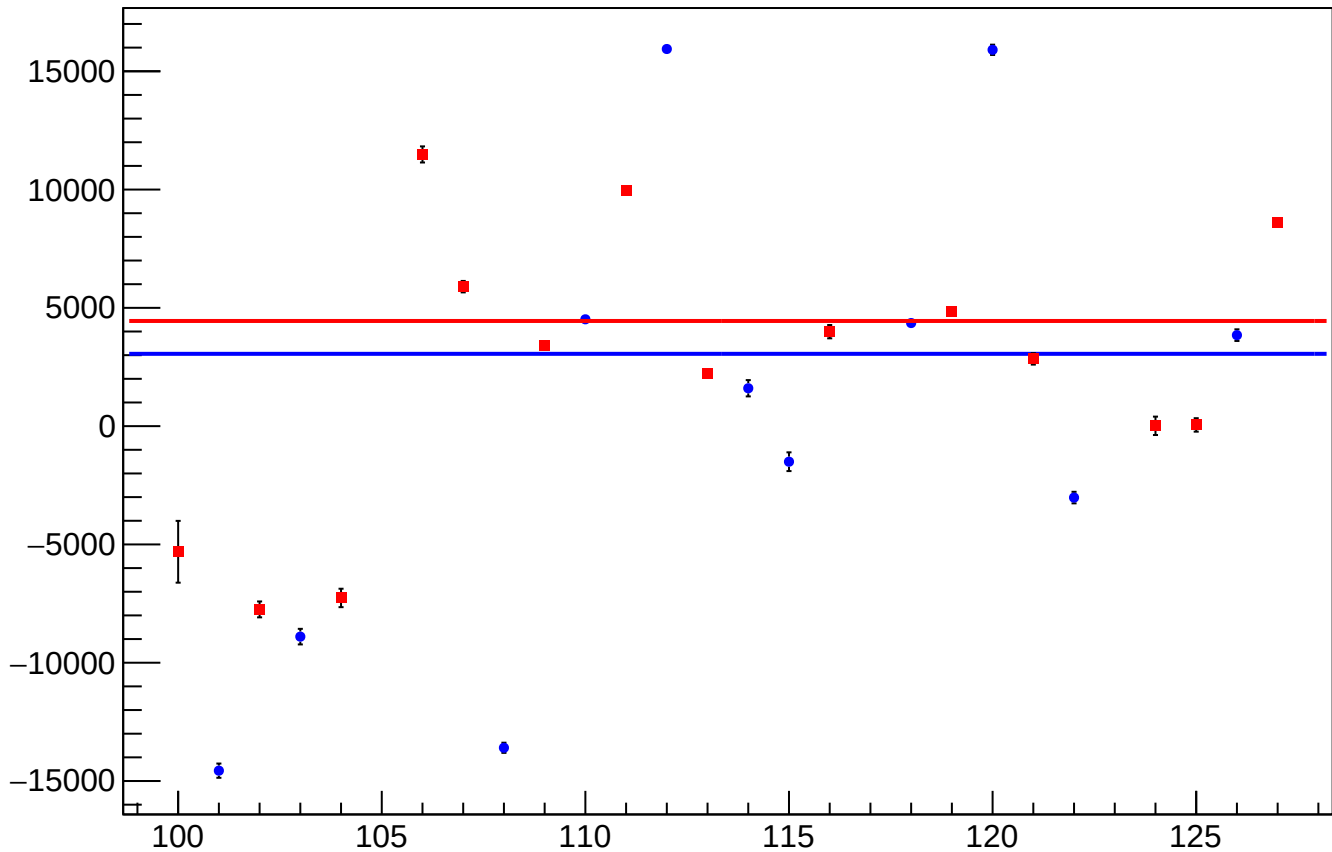
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.708+/-0.043 χ^2/NDF : 1848511.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02WS_mean vs Slug



Right In: 3056.574 $\pm$ 68.477 χ^2 /NDF: 20665.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4445.443 $\pm$ 61.416 χ^2 /NDF: 5053.8/13

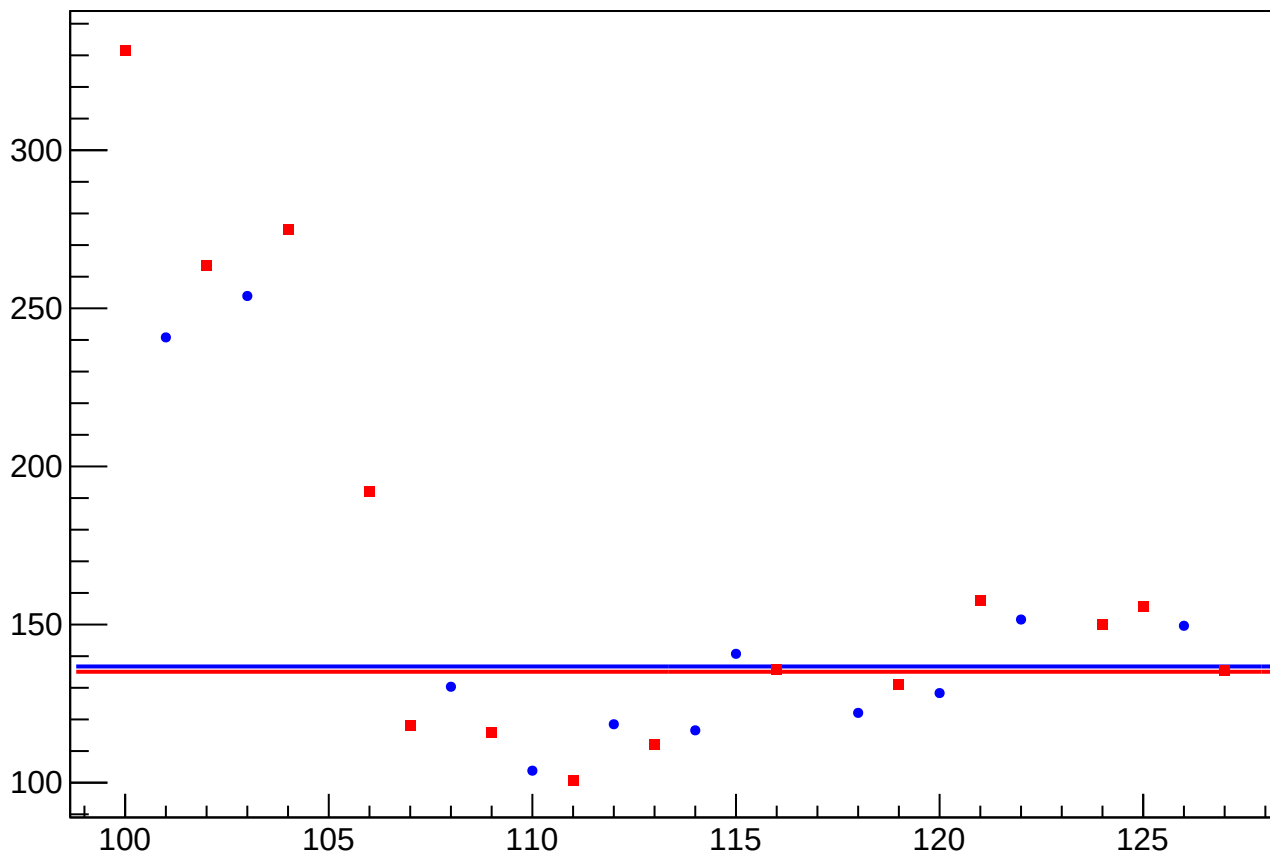
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3826.284 $\pm$ 45.721 χ^2 /NDF: 25947.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0i02WS_rms vs Slug



Right In: 136.750+/-0.048 χ^2/NDF : 626274.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.075+/-0.043 χ^2/NDF : 857270.6/13

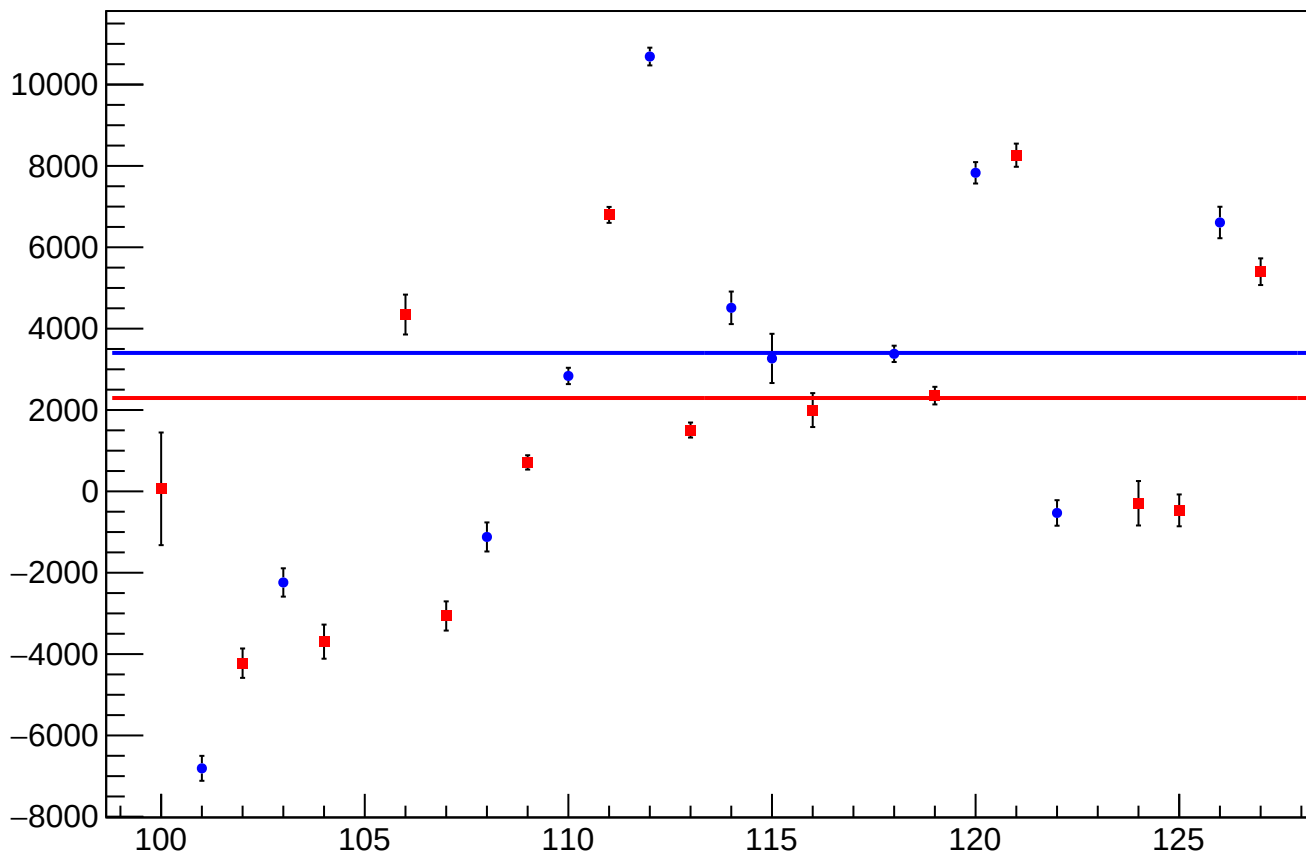
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.822+/-0.032 χ^2/NDF : 1484208.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02aWS_mean vs Slug



Right In: 3403.005+/-85.224 χ^2/NDF : 3173.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2294.832+/-76.242 χ^2/NDF : 2001.1/13

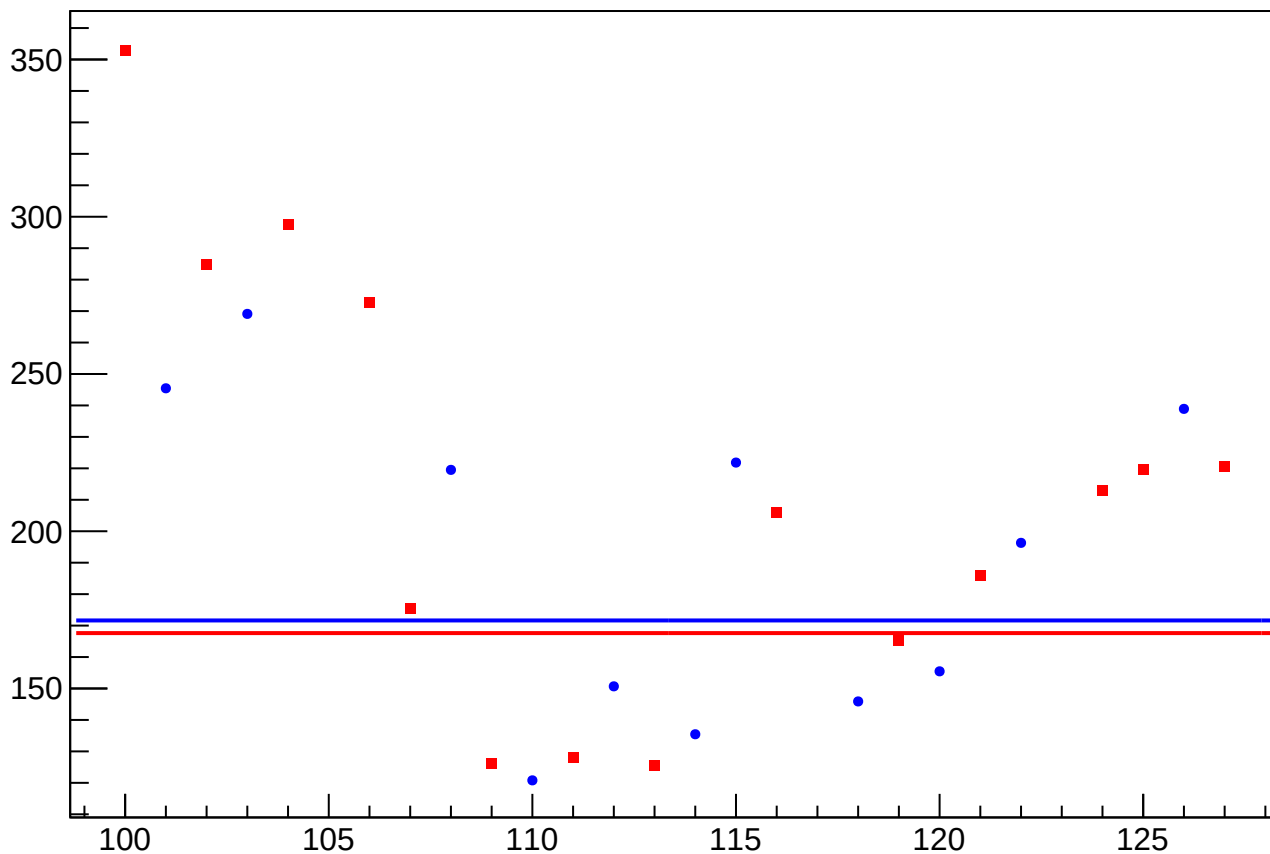
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2787.466+/-56.823 χ^2/NDF : 5268.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02aWS_rms vs Slug



Right In: 171.634+/-0.060 χ^2/NDF : 598852.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.615+/-0.054 χ^2/NDF : 956018.0/13

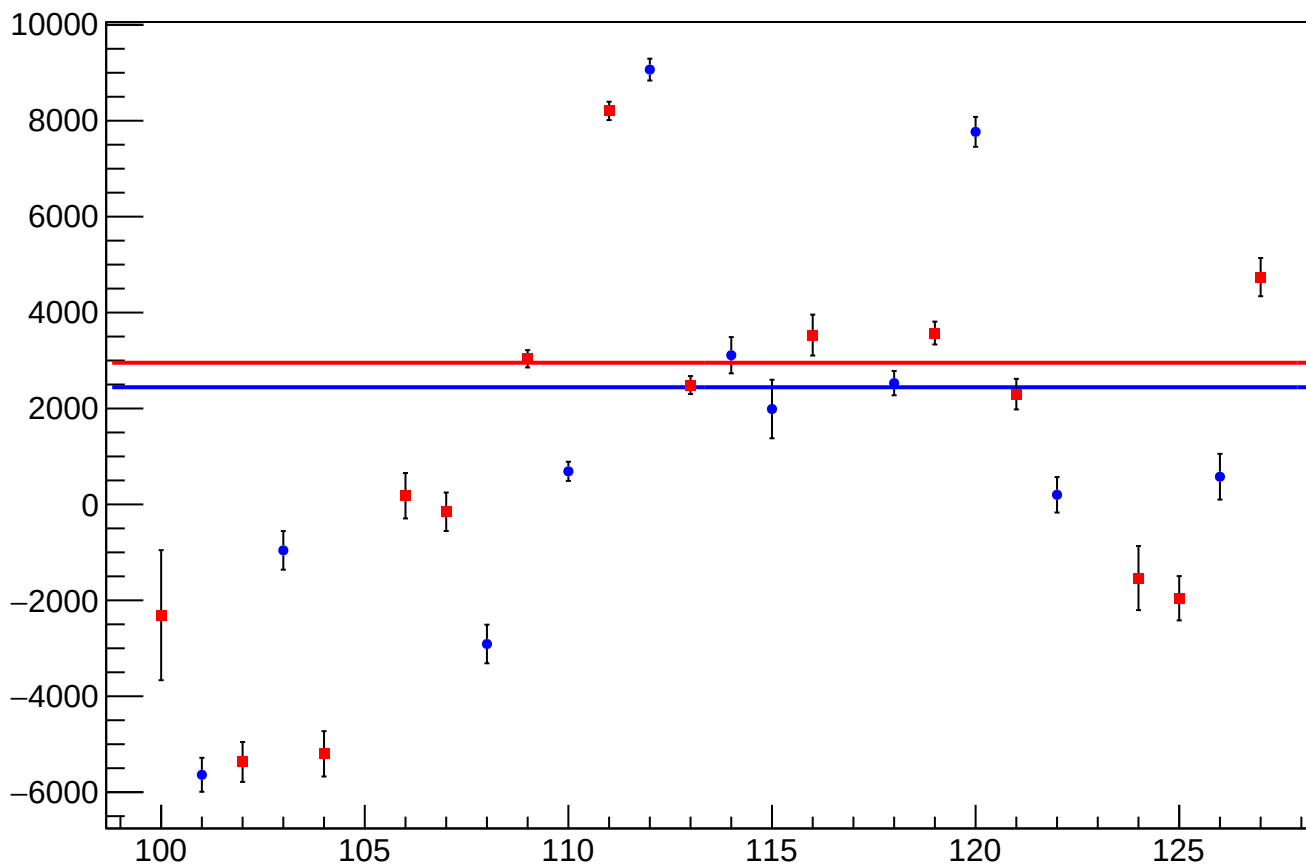
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.402+/-0.040 χ^2/NDF : 1557341.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i05WS_mean vs Slug



Right In: 2442.997+/-94.544 χ^2/NDF : 2037.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2953.958+/-80.531 χ^2/NDF : 1760.7/13

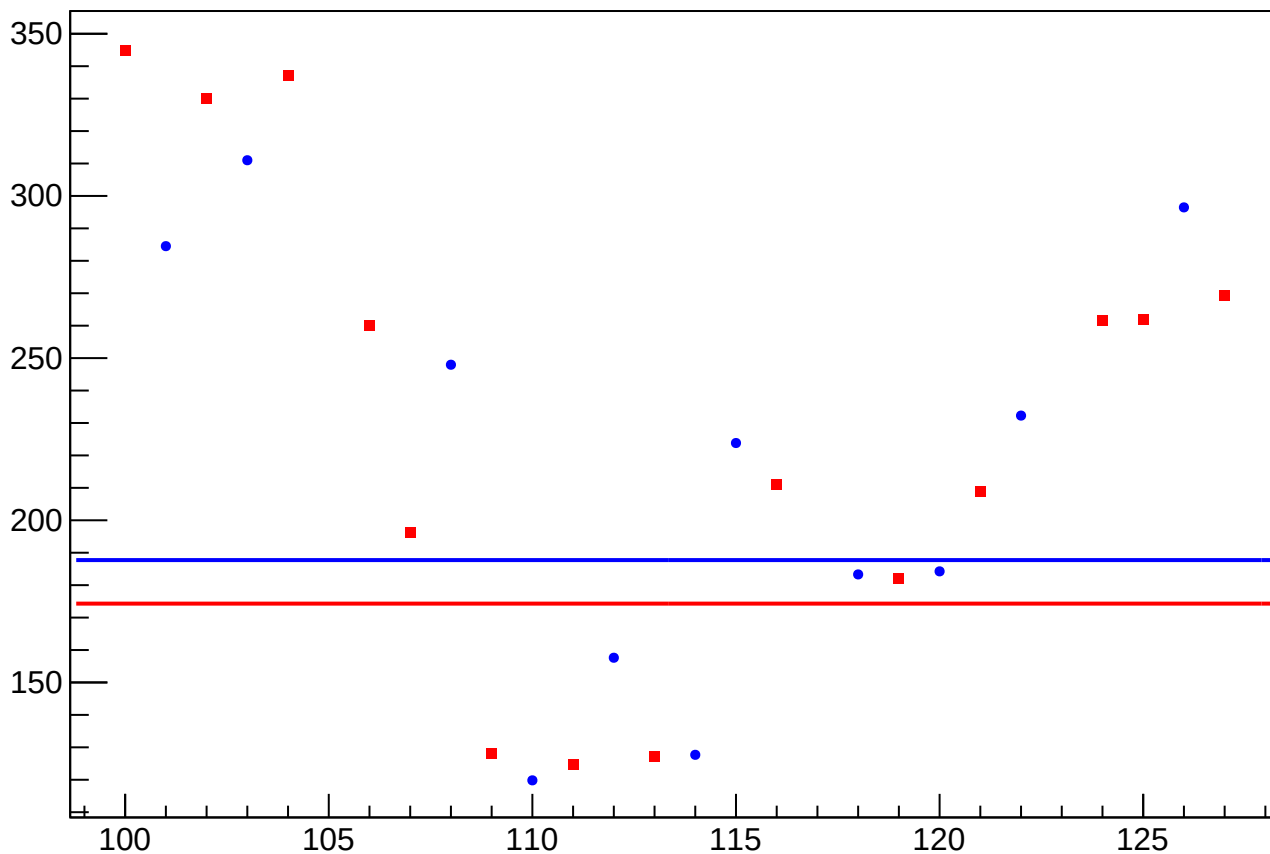
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2739.115+/-61.306 χ^2/NDF : 3815.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i05WS_rms vs Slug



Right In: 187.729+/-0.067 χ^2/NDF : 839482.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.307+/-0.057 χ^2/NDF : 1273351.6/13

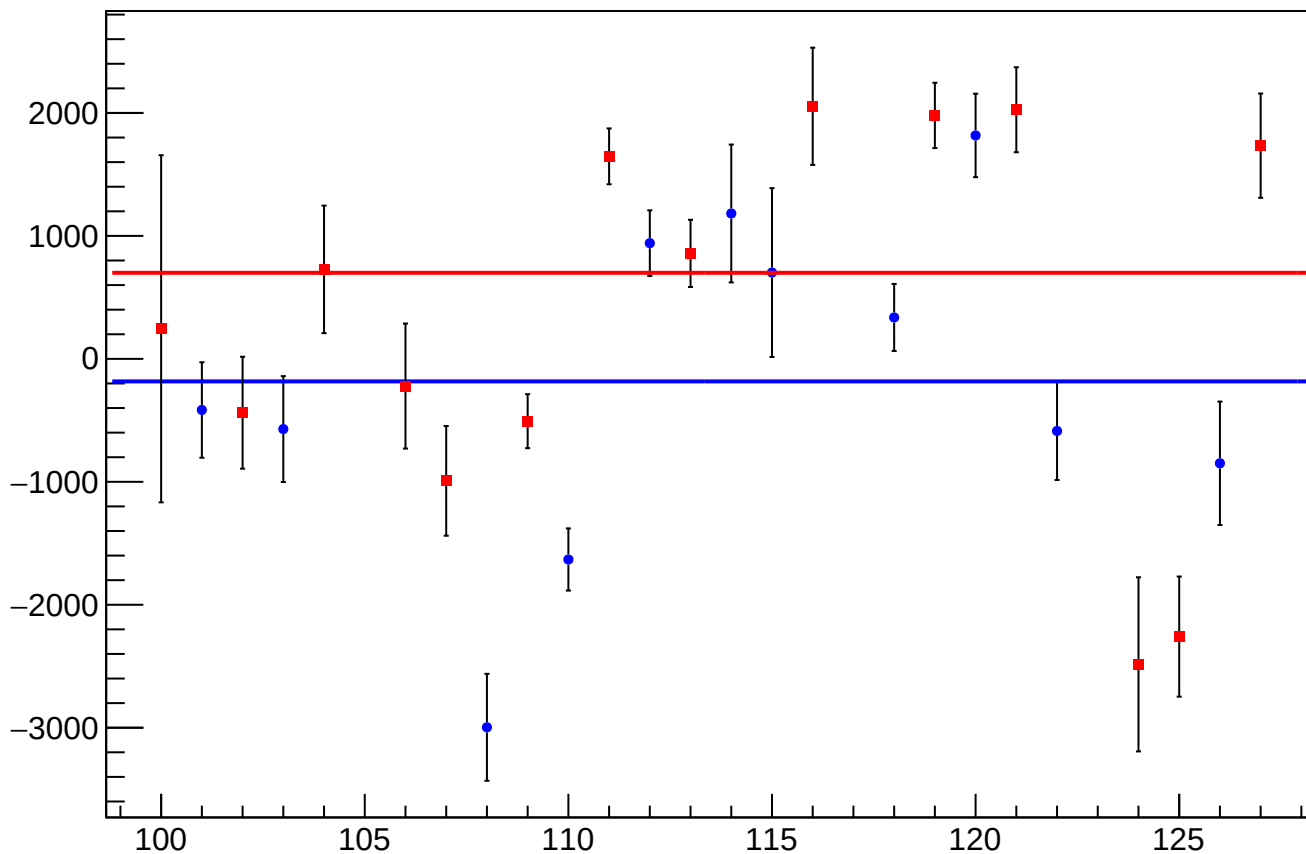
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.951+/-0.043 χ^2/NDF : 2136191.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i07WS_mean vs Slug



Right In: -183.346+/-108.687 χ^2/NDF : 142.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 700.011+/-95.276 χ^2/NDF : 180.8/13

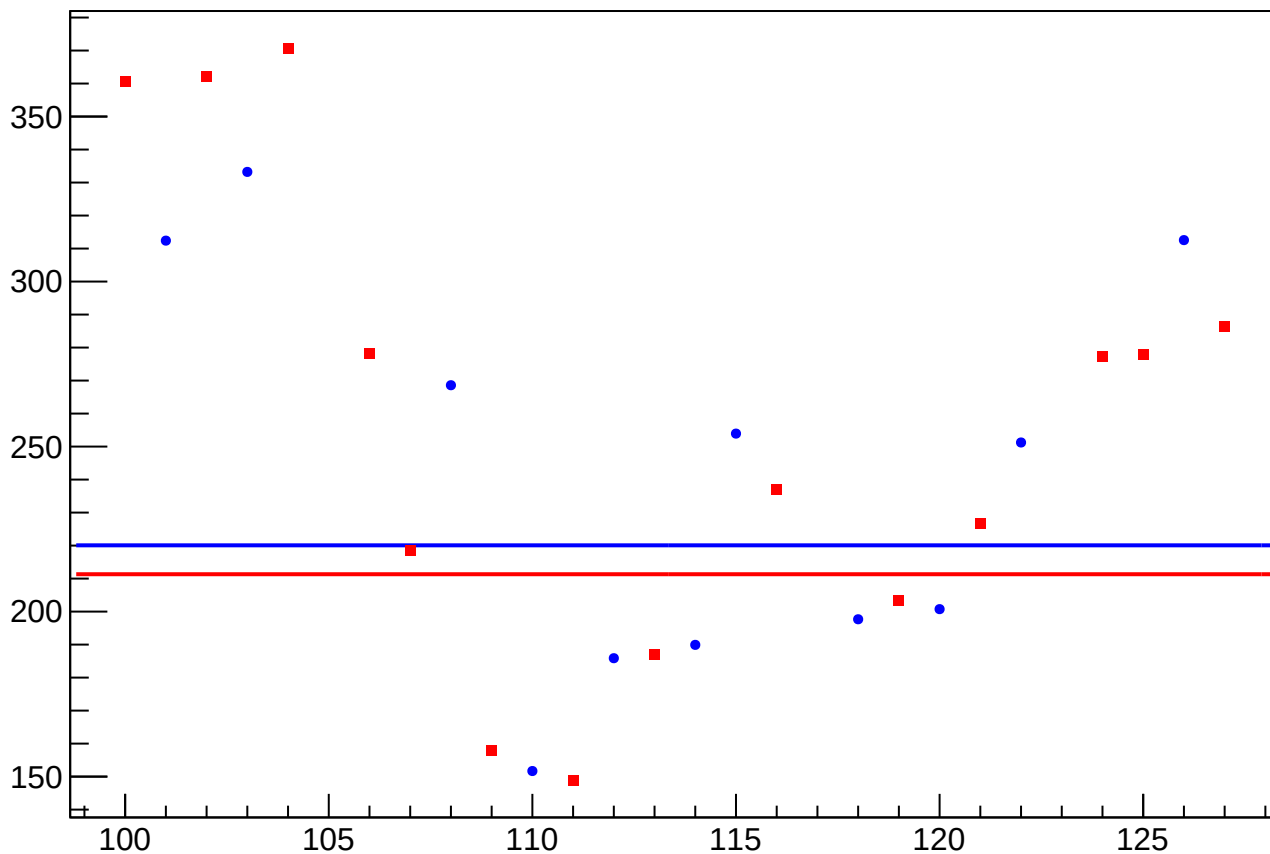
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 316.168+/-71.645 χ^2/NDF : 360.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i07WS_rms vs Slug



Right In: 220.080 ± 0.077 χ^2/NDF : 565852.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 211.323 ± 0.067 χ^2/NDF : 878523.0/13

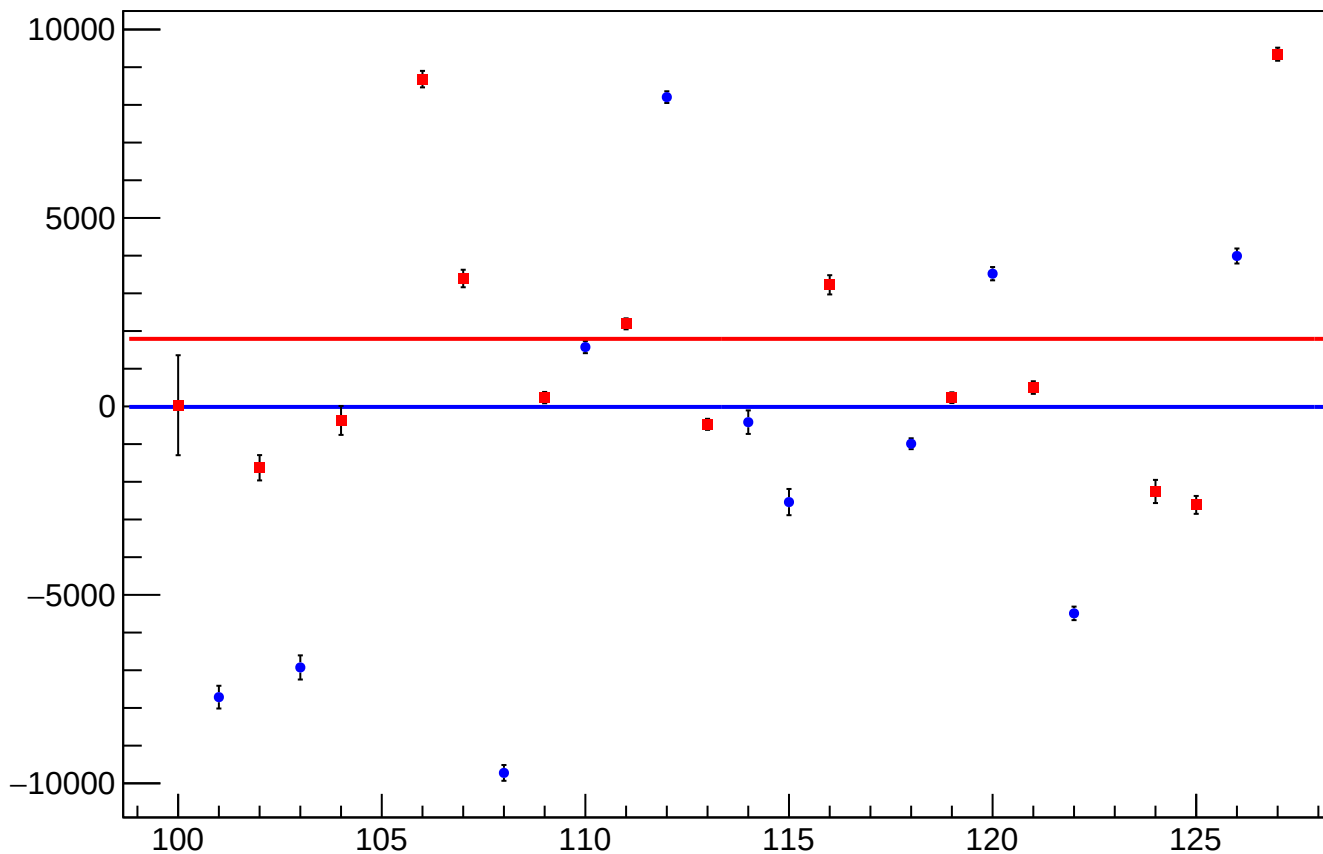
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 215.128 ± 0.051 χ^2/NDF : 1451717.2/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm1i02WS_mean vs Slug



Right In: -13.500 ± 59.984 χ^2/NDF : 7989.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1792.266 ± 53.003 χ^2/NDF : 4158.7/13

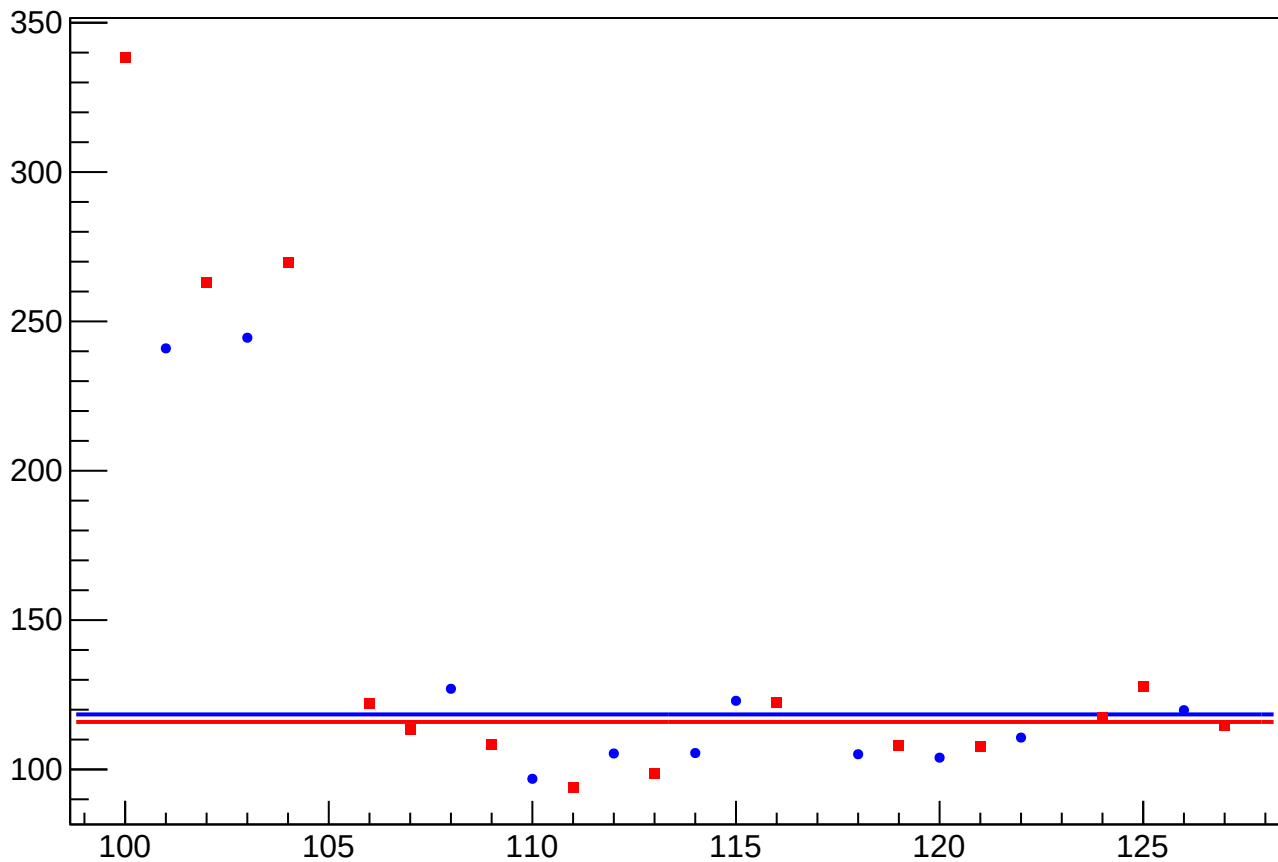
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1000.515 ± 39.719 χ^2/NDF : 12656.8/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm1i02WS_rms vs Slug



Right In: 118.423+/-0.042 χ^2/NDF : 730586.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.903+/-0.037 χ^2/NDF : 860399.6/13

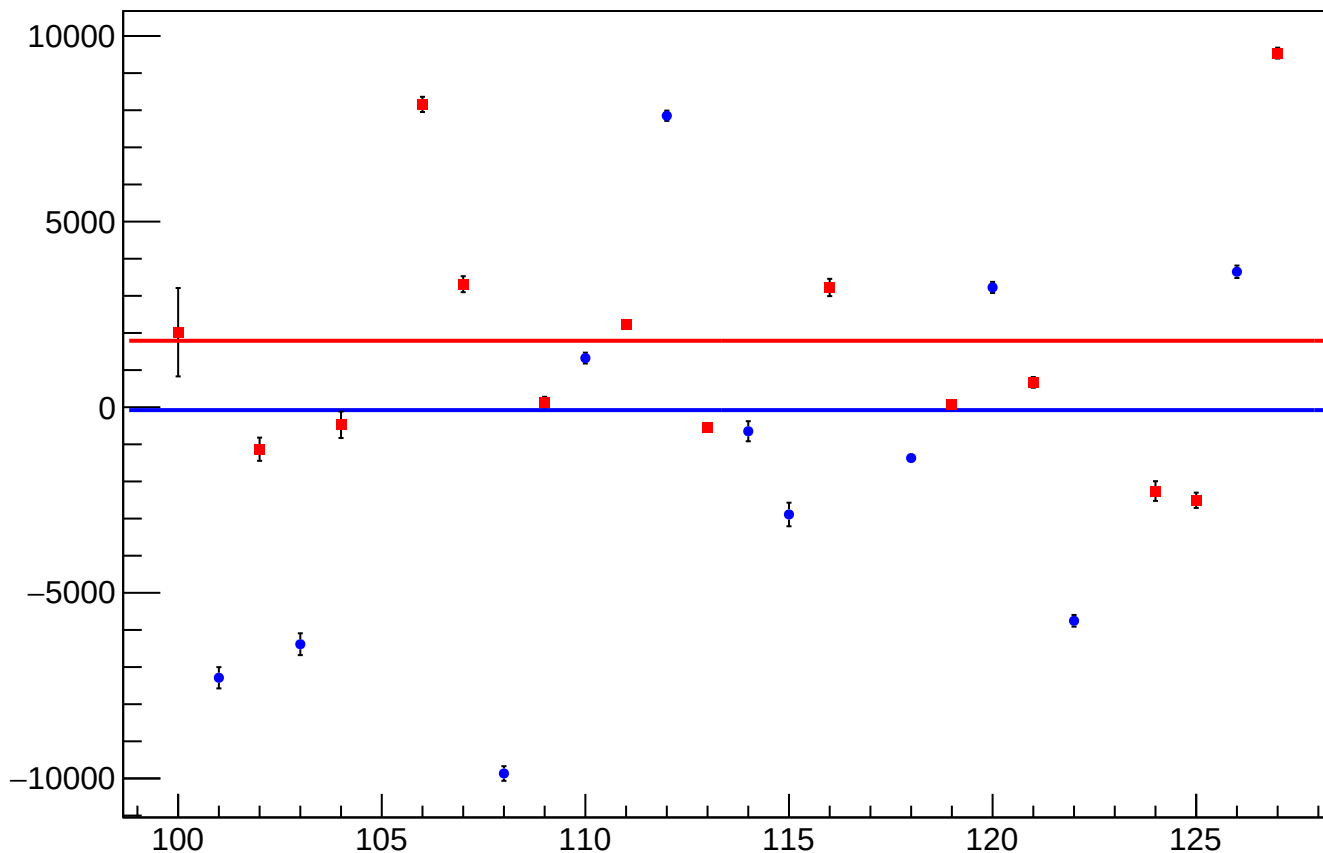
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.008+/-0.028 χ^2/NDF : 1592968.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm2i01WS_mean vs Slug



Right In: -78.448 ± 53.051 χ^2/NDF : 9382.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1790.086 ± 47.132 χ^2/NDF : 5365.5/13

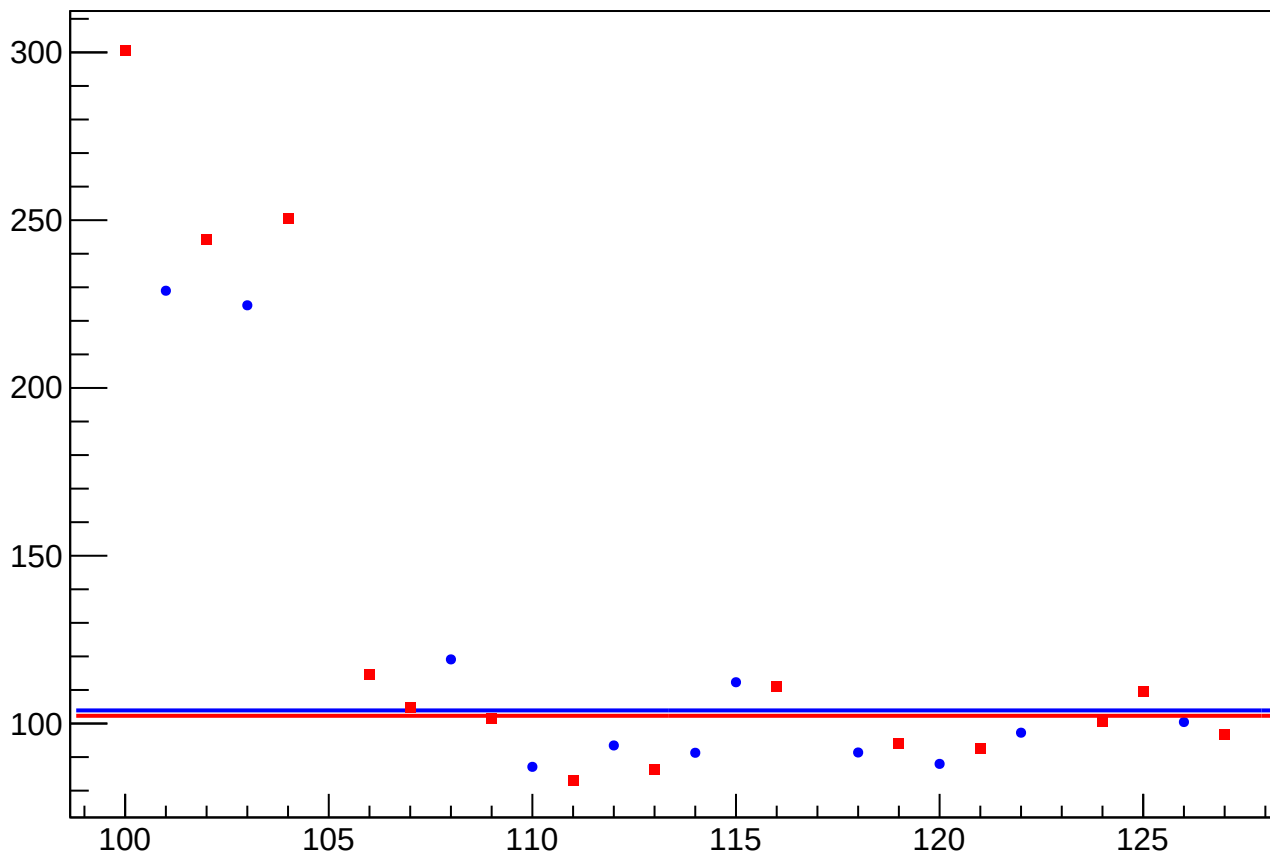
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 965.825 ± 35.235 χ^2/NDF : 15441.2/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm2i01WS_rms vs Slug



Right In: 103.907 $\pm$ 0.038 χ^2 /NDF: 819975.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 102.306 $\pm$ 0.033 χ^2 /NDF: 922427.6/13

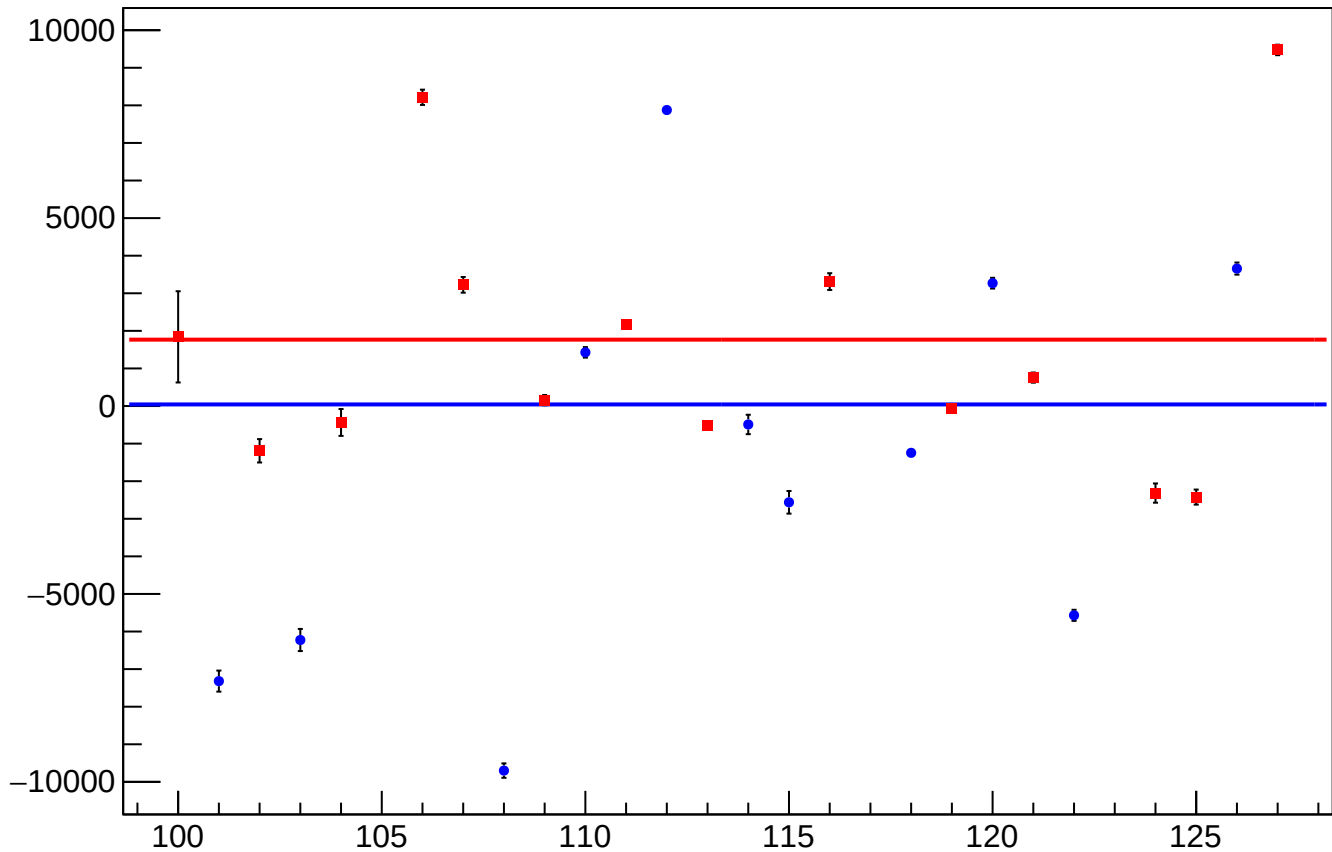
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 103.012 $\pm$ 0.025 χ^2 /NDF: 1743420.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm2i02WS_mean vs Slug



Right In: 42.493+/-50.783 χ^2/NDF : 9962.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1766.470+/-44.987 χ^2/NDF : 5764.2/13

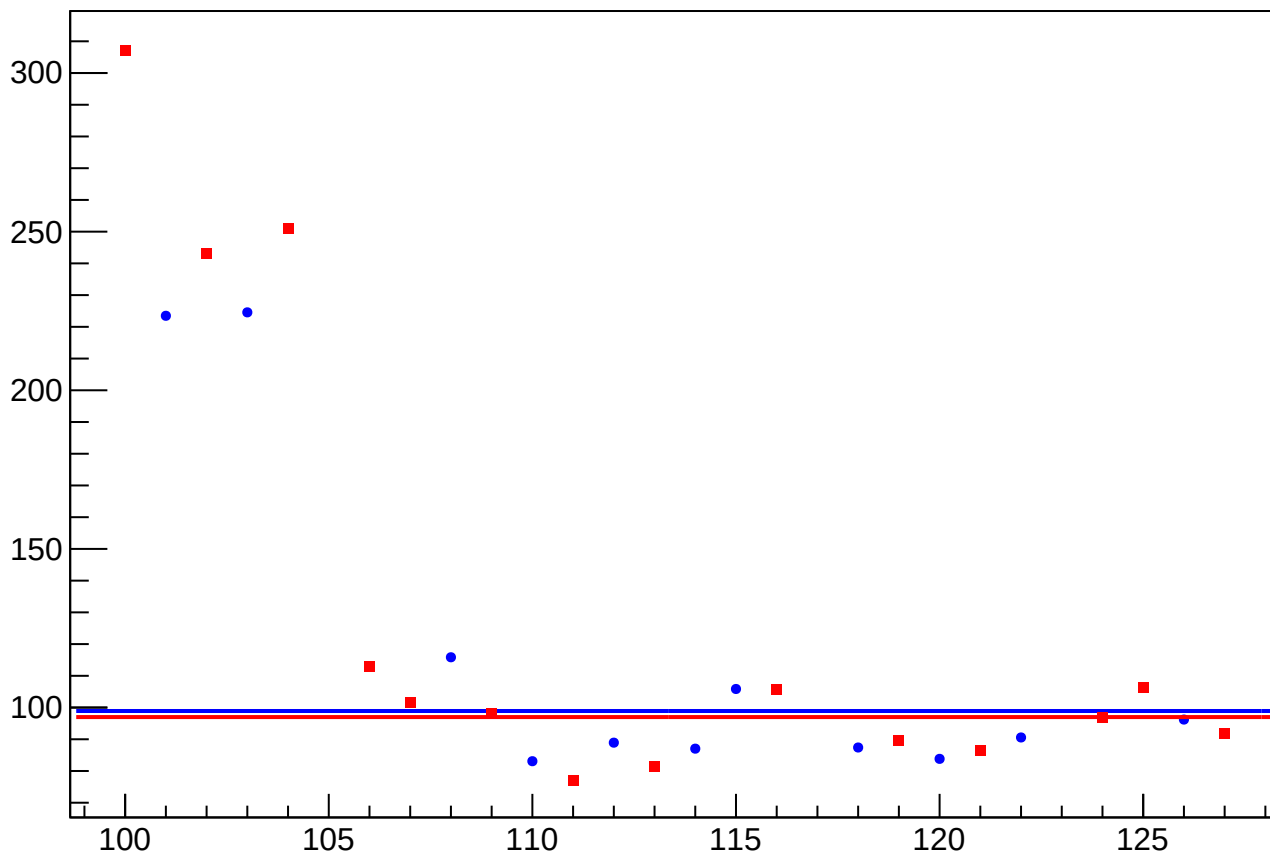
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1008.450+/-33.674 χ^2/NDF : 16372.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm2i02WS_rms vs Slug



Right In: 98.911+/-0.036 χ^2/NDF : 864770.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.998+/-0.032 χ^2/NDF : 1004475.4/13

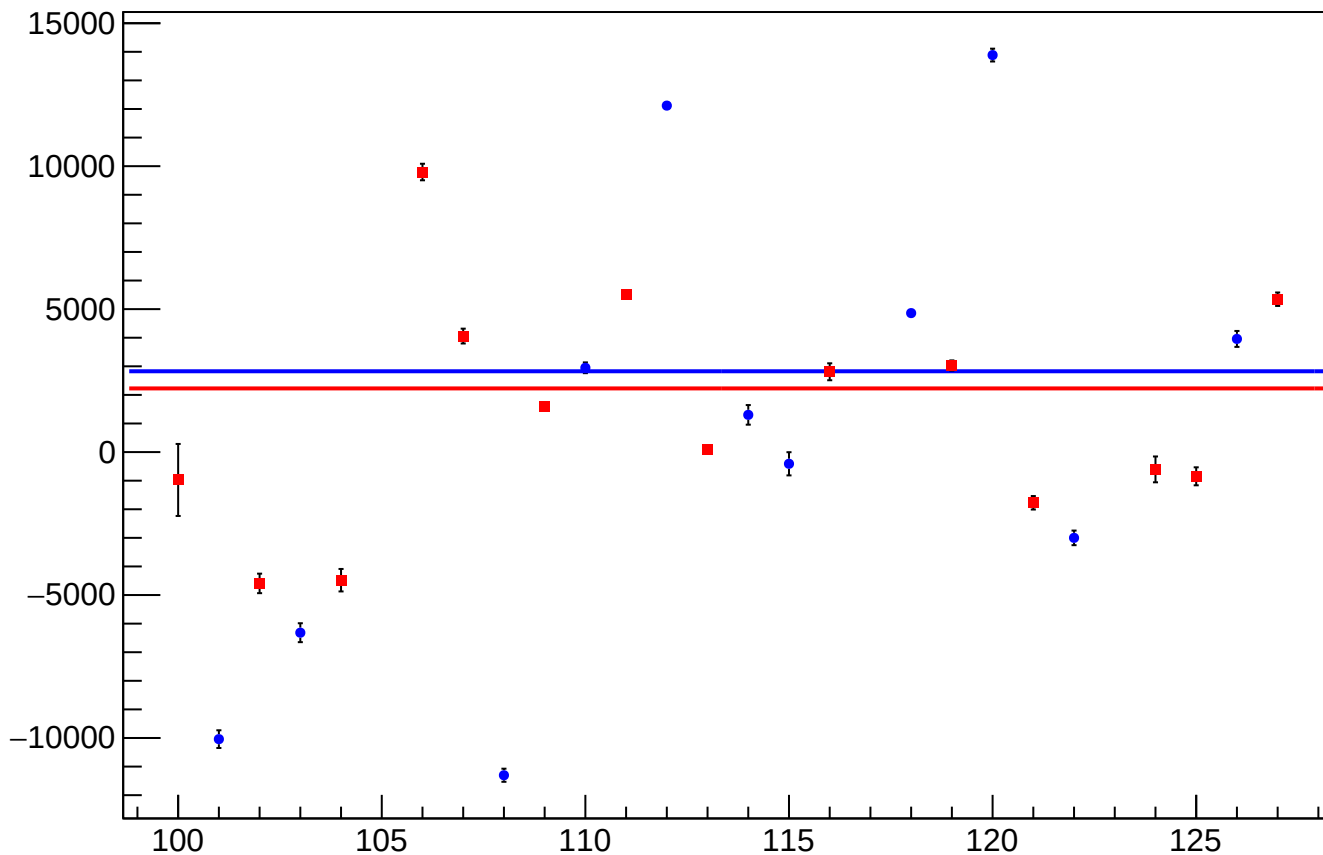
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.839+/-0.024 χ^2/NDF : 1870836.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i01WS_mean vs Slug



Right In: 2826.672+/-71.457 χ^2/NDF : 12285.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2226.728+/-64.307 χ^2/NDF : 2608.0/13

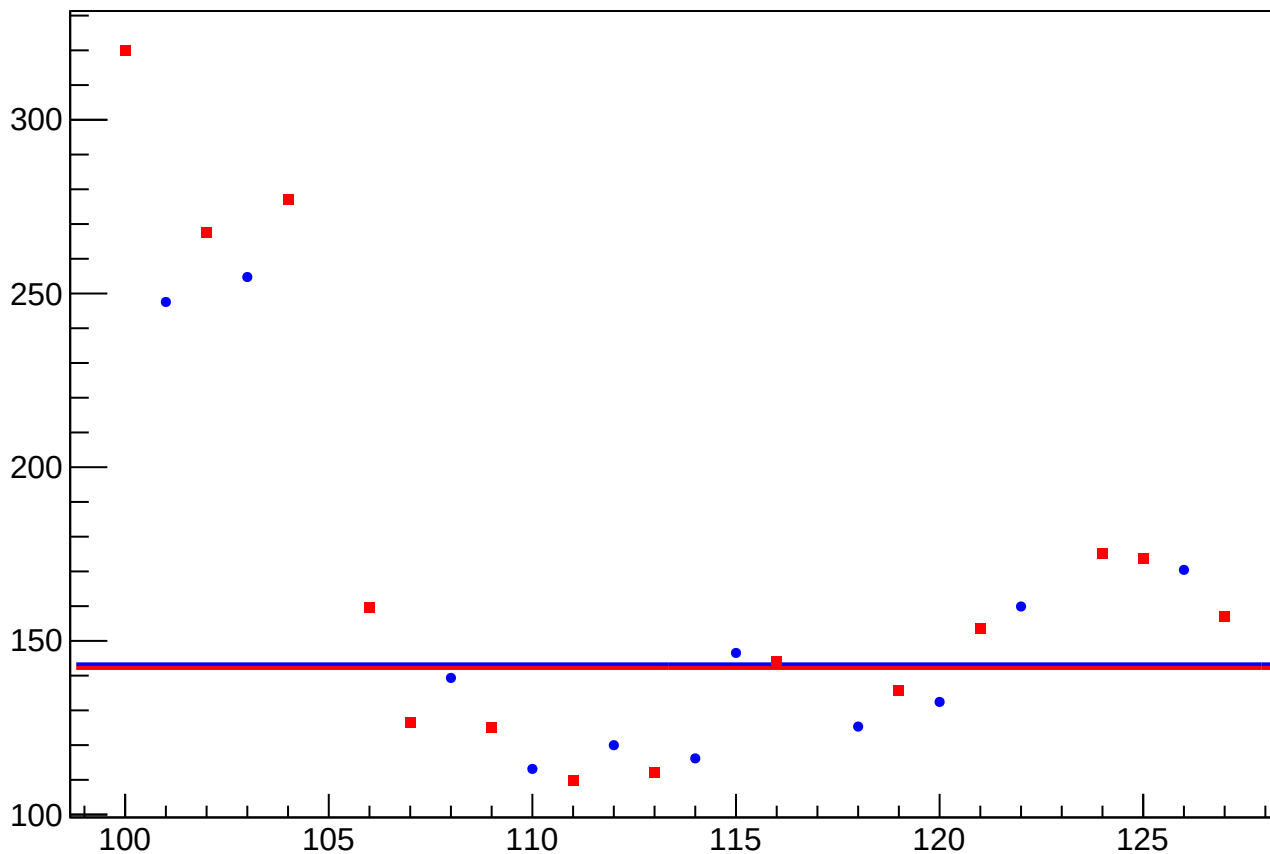
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2495.194+/-47.800 χ^2/NDF : 14932.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i01WS_rms vs Slug



Right In: 143.247+/-0.051 χ^2/NDF : 607198.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.209+/-0.045 χ^2/NDF : 763375.9/13

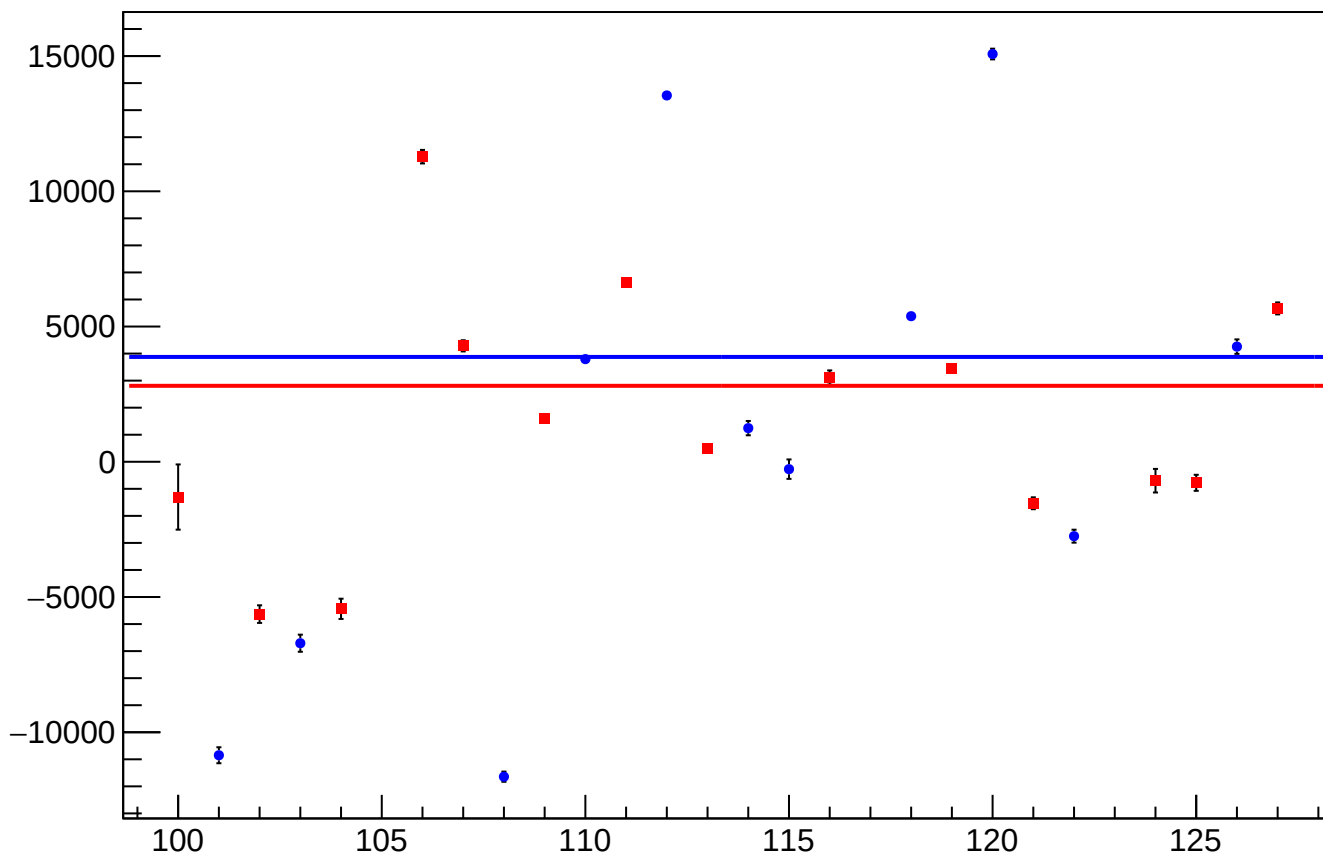
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.674+/-0.034 χ^2/NDF : 1370807.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i01aWS_mean vs Slug



Right In: 3876.186 $\pm$ 59.597 χ^2 /NDF: 19845.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2808.559 $\pm$ 53.048 χ^2 /NDF: 4544.1/13

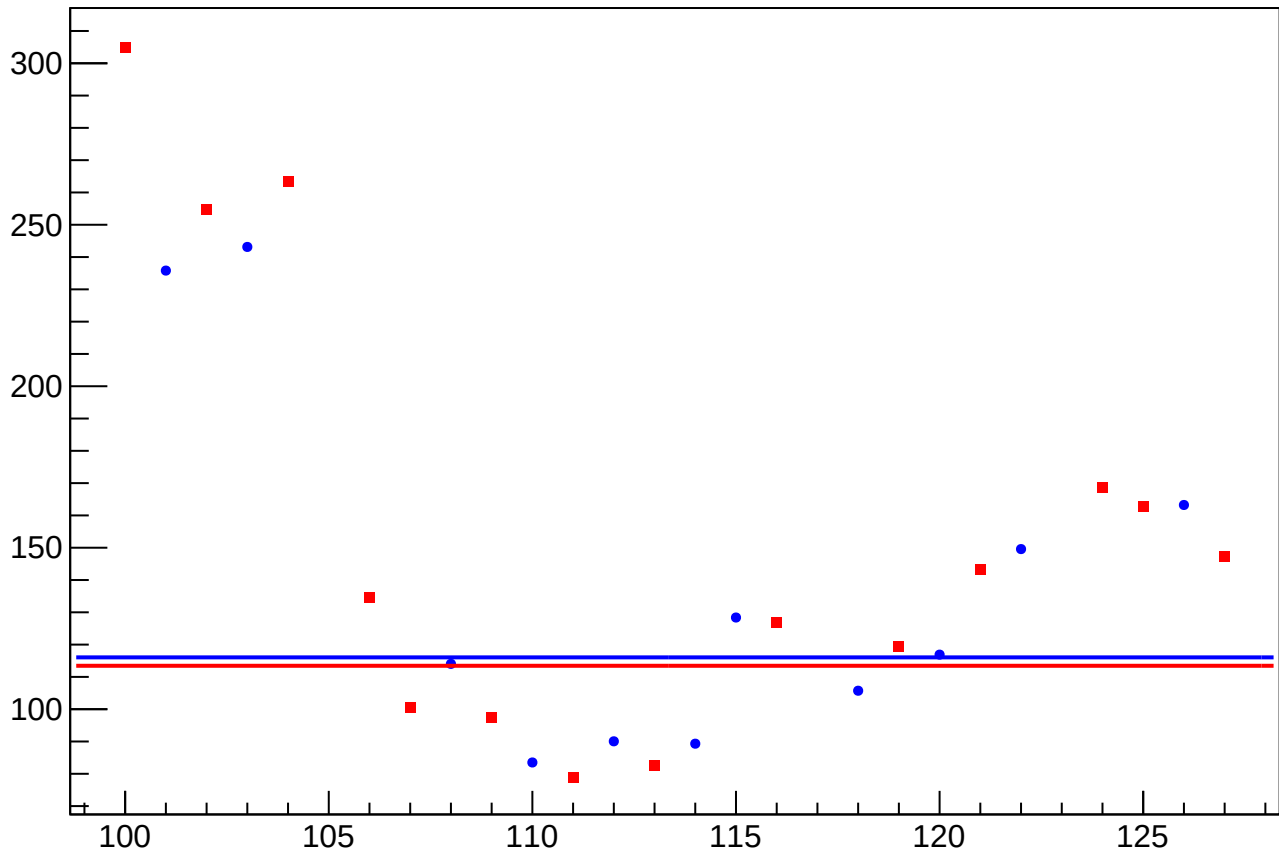
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3280.507 $\pm$ 39.625 χ^2 /NDF: 24568.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0i01aWS_rms vs Slug



Right In: 116.048 $\pm$ 0.042 χ^2 /NDF: 967801.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 113.444 $\pm$ 0.038 χ^2 /NDF: 1259672.8/13

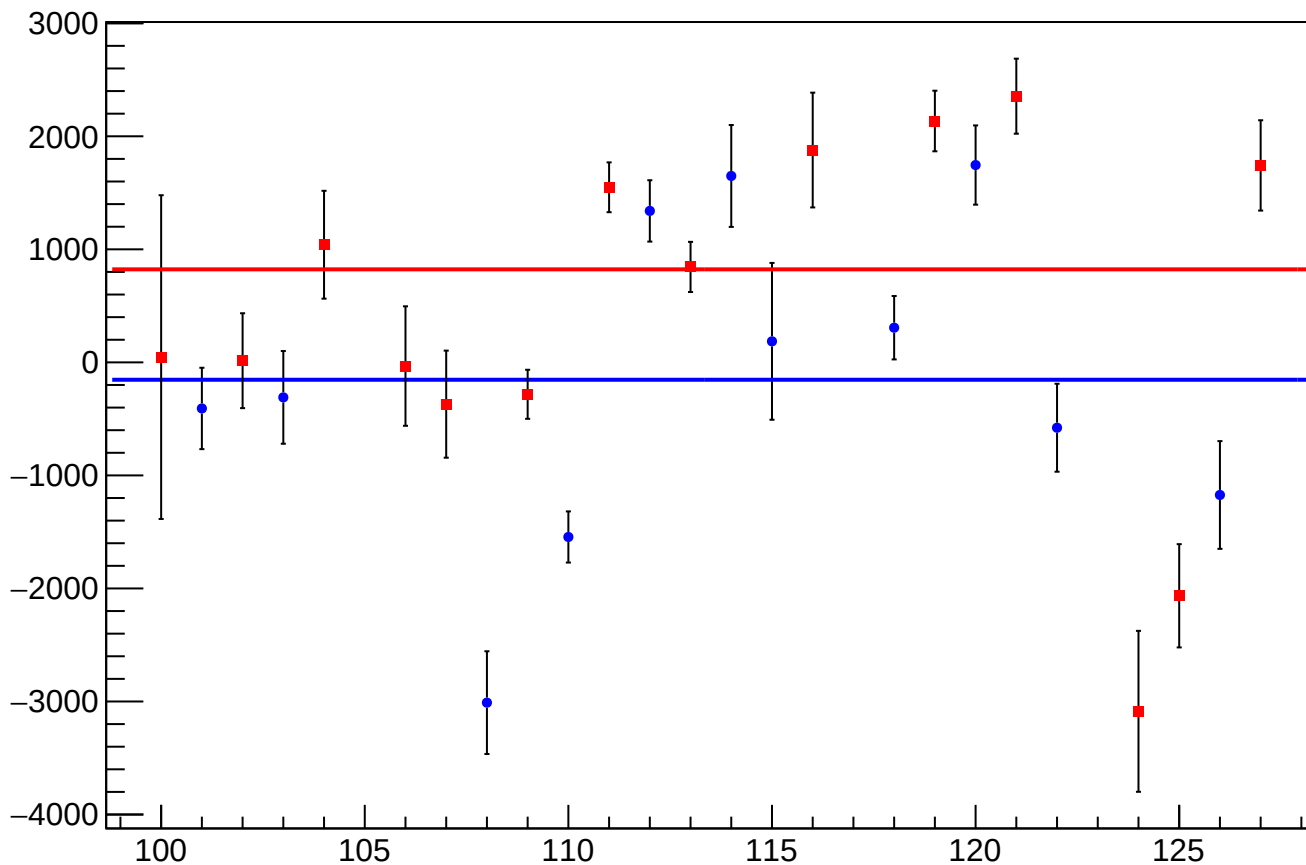
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 114.595 $\pm$ 0.028 χ^2 /NDF: 2229605.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0l01WS_mean vs Slug



Right In: -153.810 ± 105.142 χ^2/NDF : 162.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 822.894 ± 91.043 χ^2/NDF : 175.0/13

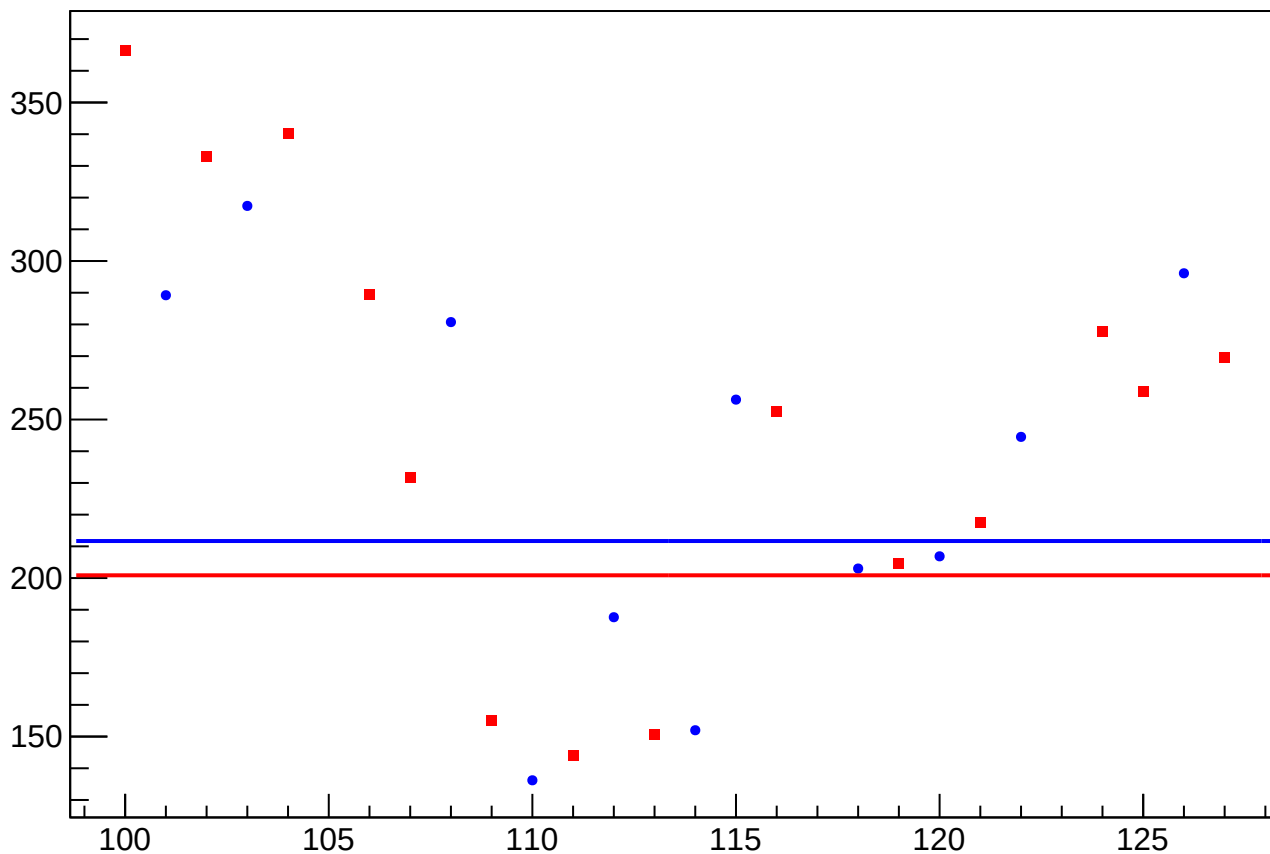
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 404.375 ± 68.826 χ^2/NDF : 386.6/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0l01WS_rms vs Slug



Right In: 211.679 ± 0.074 χ^2/NDF : 632612.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 200.865 ± 0.064 χ^2/NDF : 924722.2/13

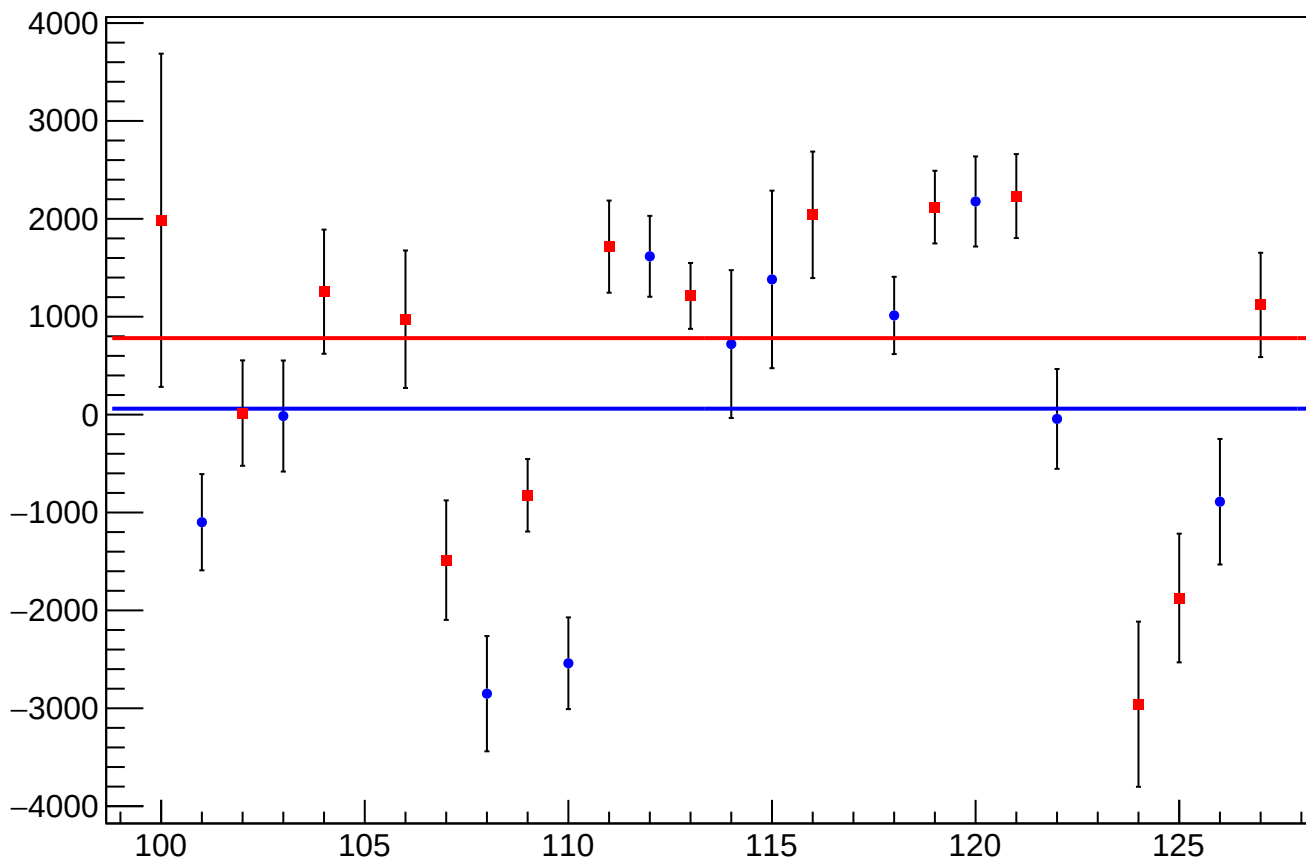
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 205.499 ± 0.049 χ^2/NDF : 1569425.8/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0l02WS_mean vs Slug



Right In: 60.675+/-156.290 χ^2/NDF : 107.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 781.233+/-136.140 χ^2/NDF : 106.0/13

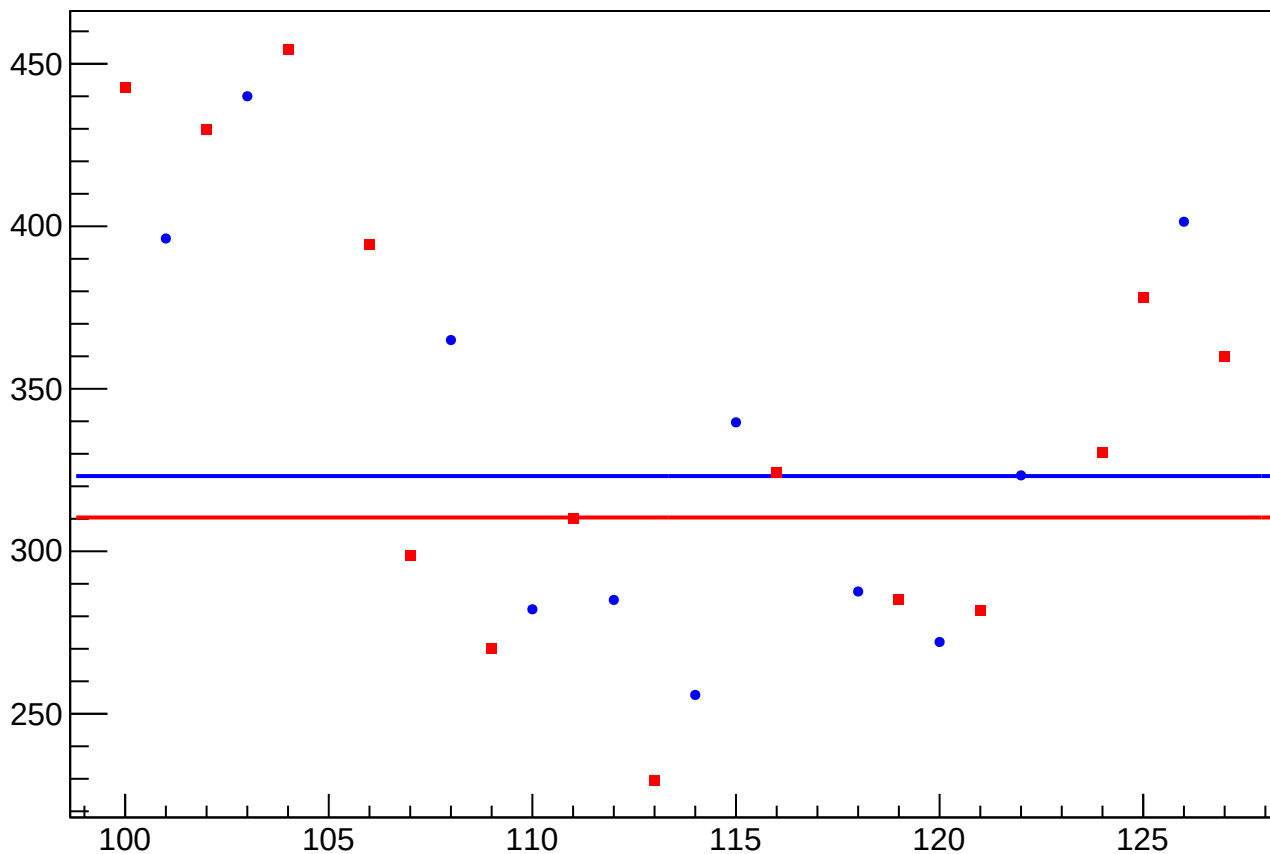
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 470.370+/-102.655 χ^2/NDF : 225.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l02WS_rms vs Slug



Right In: 323.149+/-0.111 χ^2/NDF : 258711.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 310.406+/-0.096 χ^2/NDF : 440678.4/13

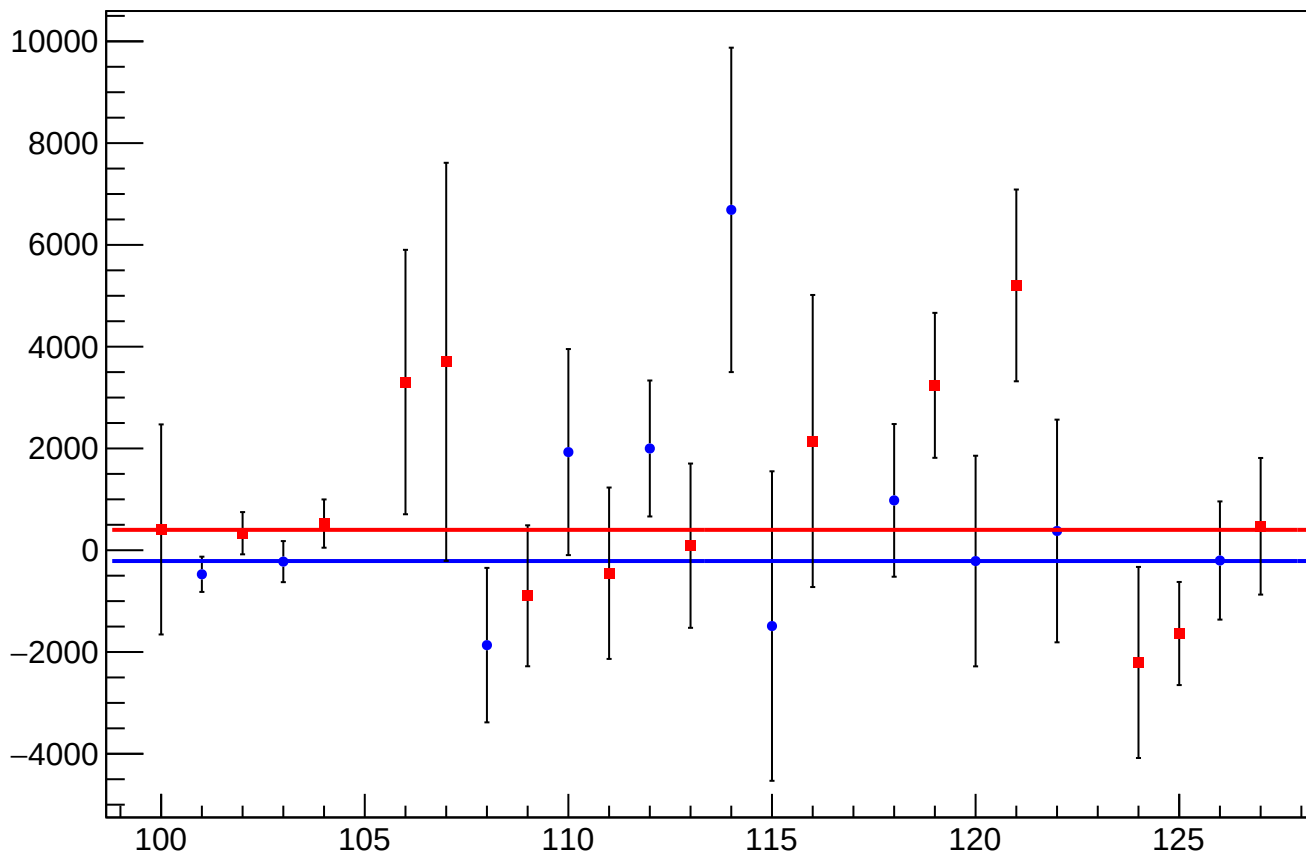
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 315.904+/-0.073 χ^2/NDF : 706949.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l03WS_mean vs Slug



Right In: -212.250+/-238.679 χ^2/NDF : 11.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 400.345+/-261.130 χ^2/NDF : 20.0/13

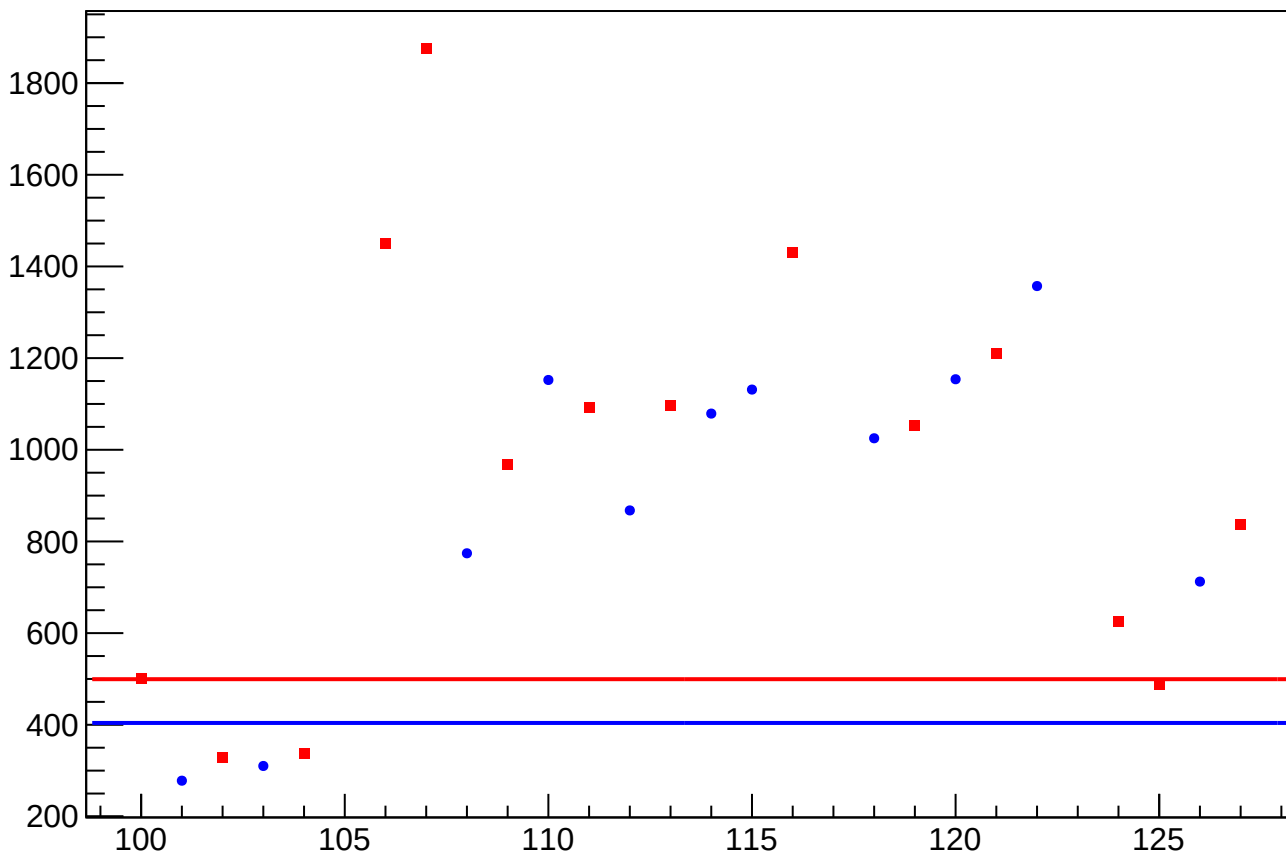
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.585+/-176.175 χ^2/NDF : 34.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l03WS_rms vs Slug



Right In: 404.027+/-0.169 χ^2/NDF : 2336167.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 499.497+/-0.185 χ^2/NDF : 2765219.6/13

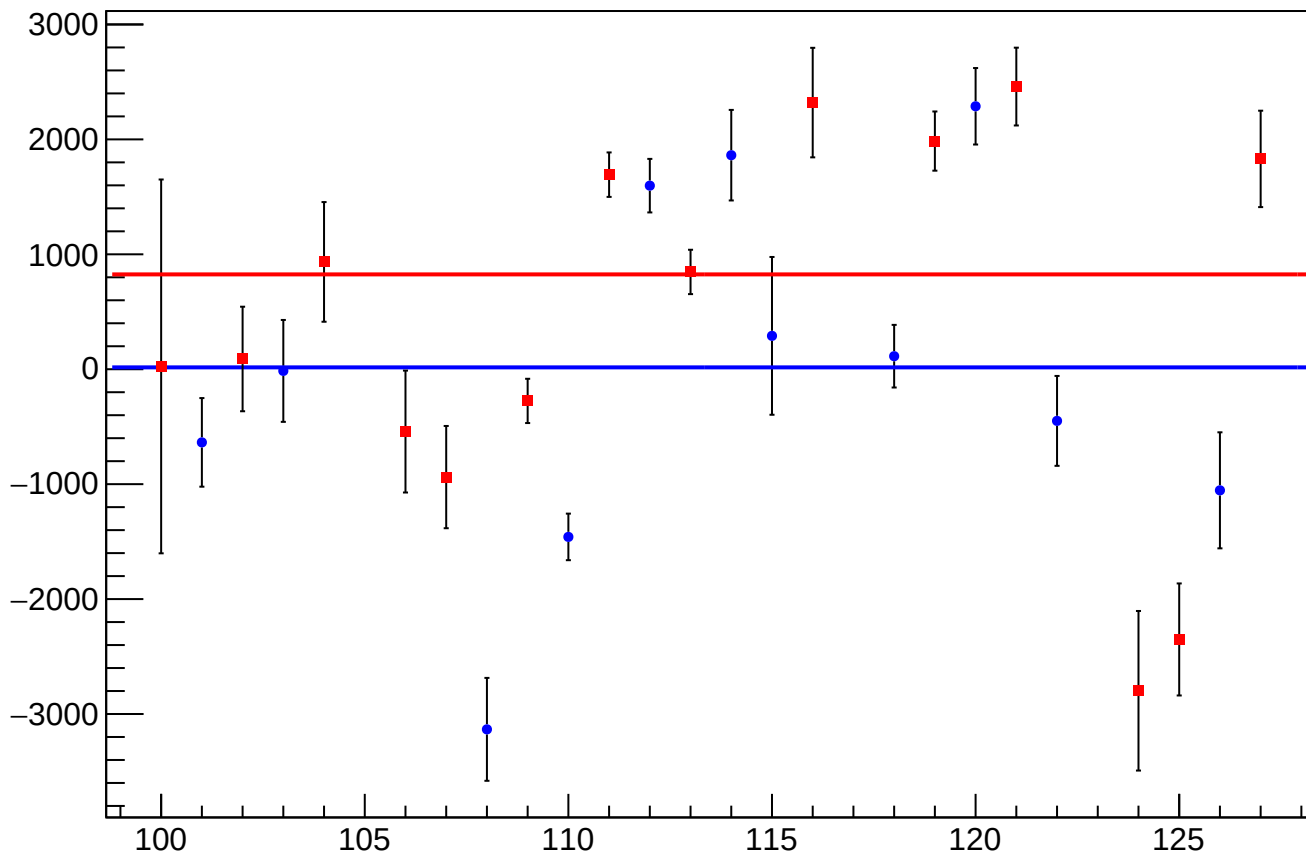
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 447.482+/-0.125 χ^2/NDF : 5247036.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l04WS_mean vs Slug



Right In: 16.186+/-99.445 χ^2 /NDF: 226.2/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 825.239+/-85.060 χ^2 /NDF: 207.0/13

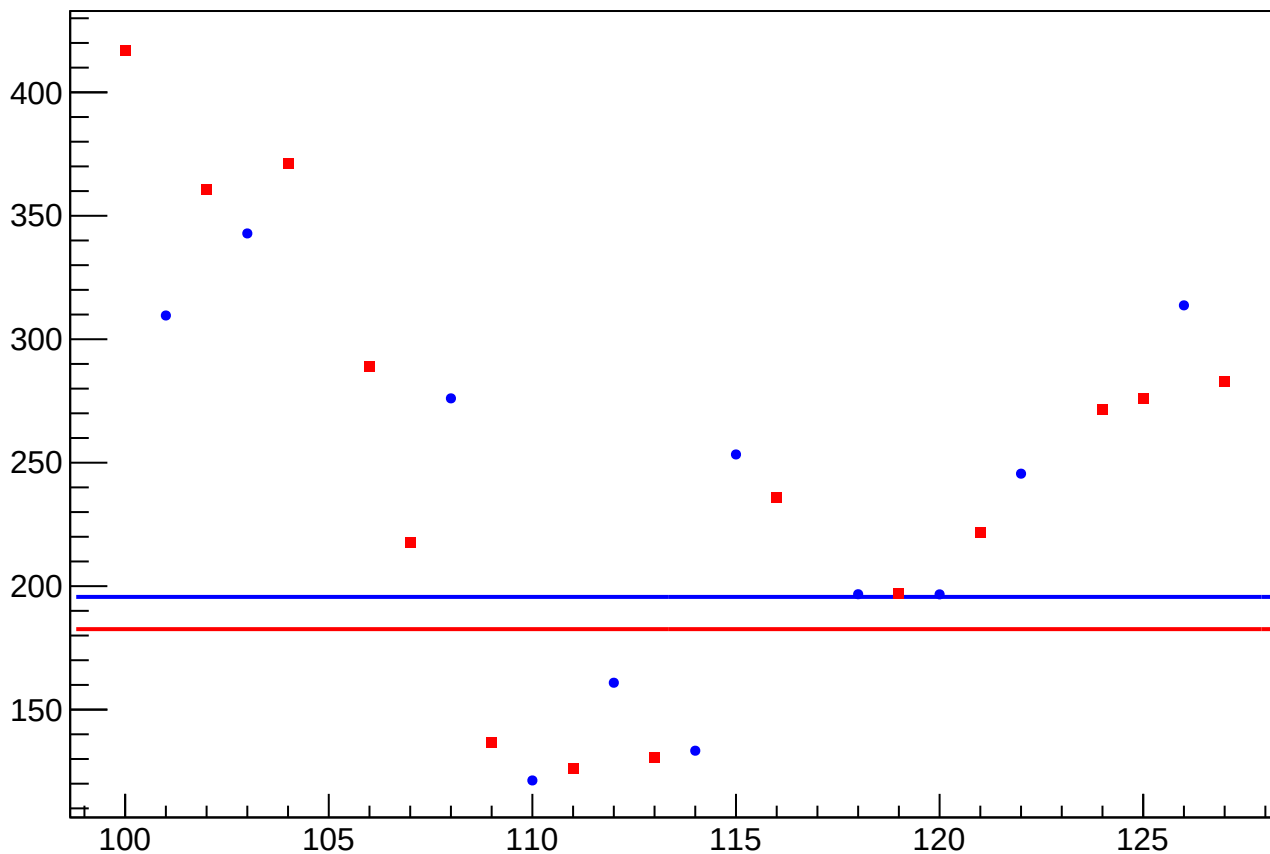
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 483.410+/-64.640 χ^2 /NDF: 471.4/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_bpm0l04WS_rms vs Slug



Right In: 195.645 ± 0.070 χ^2/NDF : 979715.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 182.593 ± 0.060 χ^2/NDF : 1412672.8/13

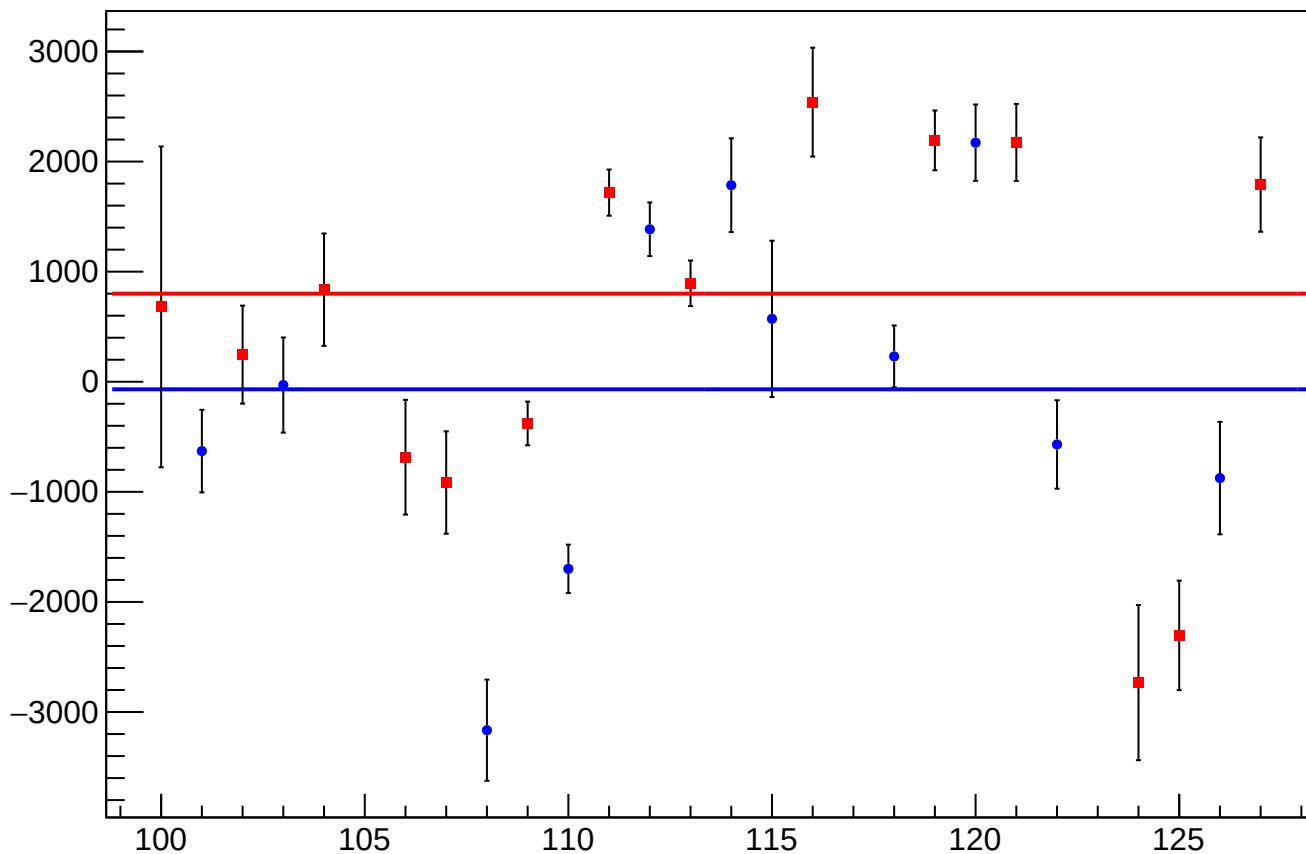
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 188.107 ± 0.046 χ^2/NDF : 2412286.3/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0l05WS_mean vs Slug



Right In: -68.681+/-103.543 χ^2/NDF : 205.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 800.089+/-88.882 χ^2/NDF : 201.6/13

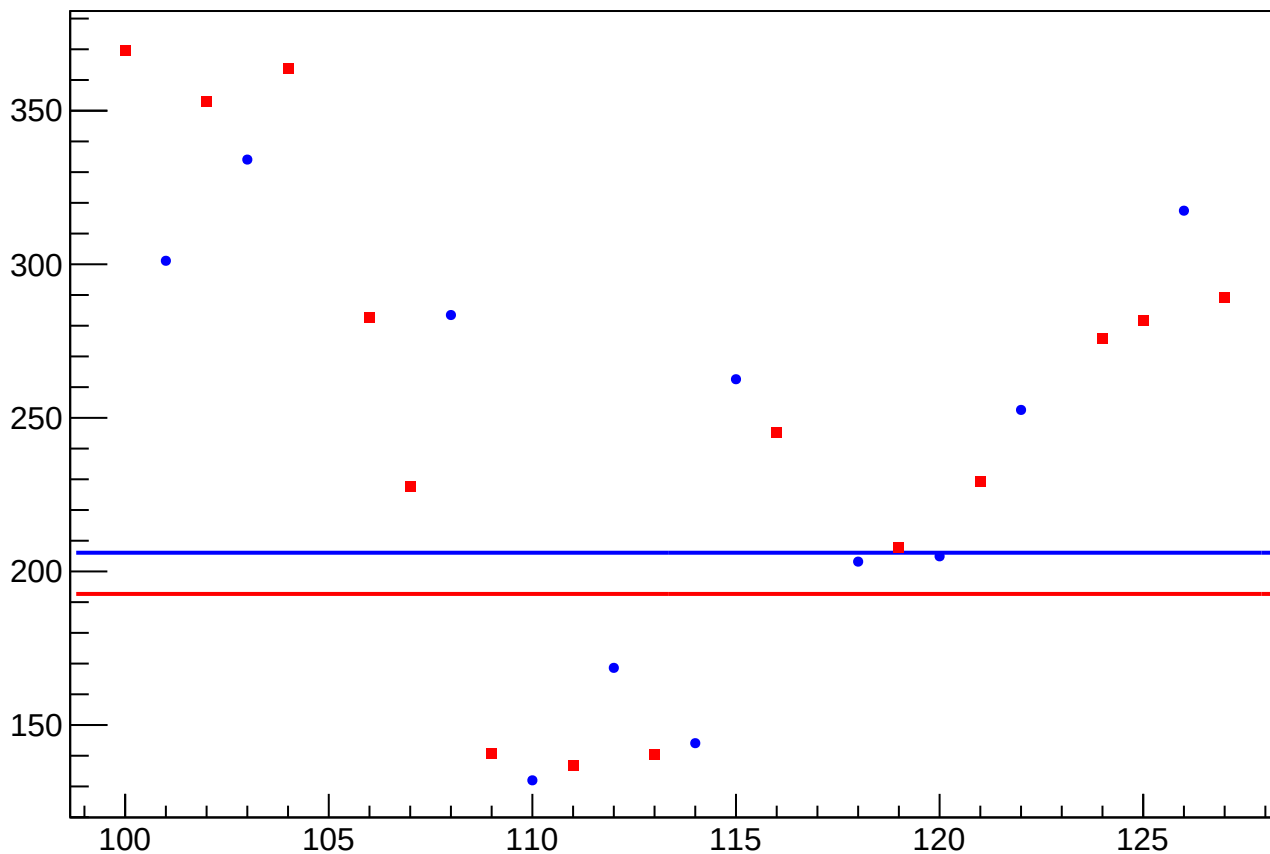
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 431.511+/-67.442 χ^2/NDF : 447.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l05WS_rms vs Slug



Right In: 206.092 $\pm$ 0.073 χ^2 /NDF: 812574.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 192.677 $\pm$ 0.063 χ^2 /NDF: 1234907.2/13

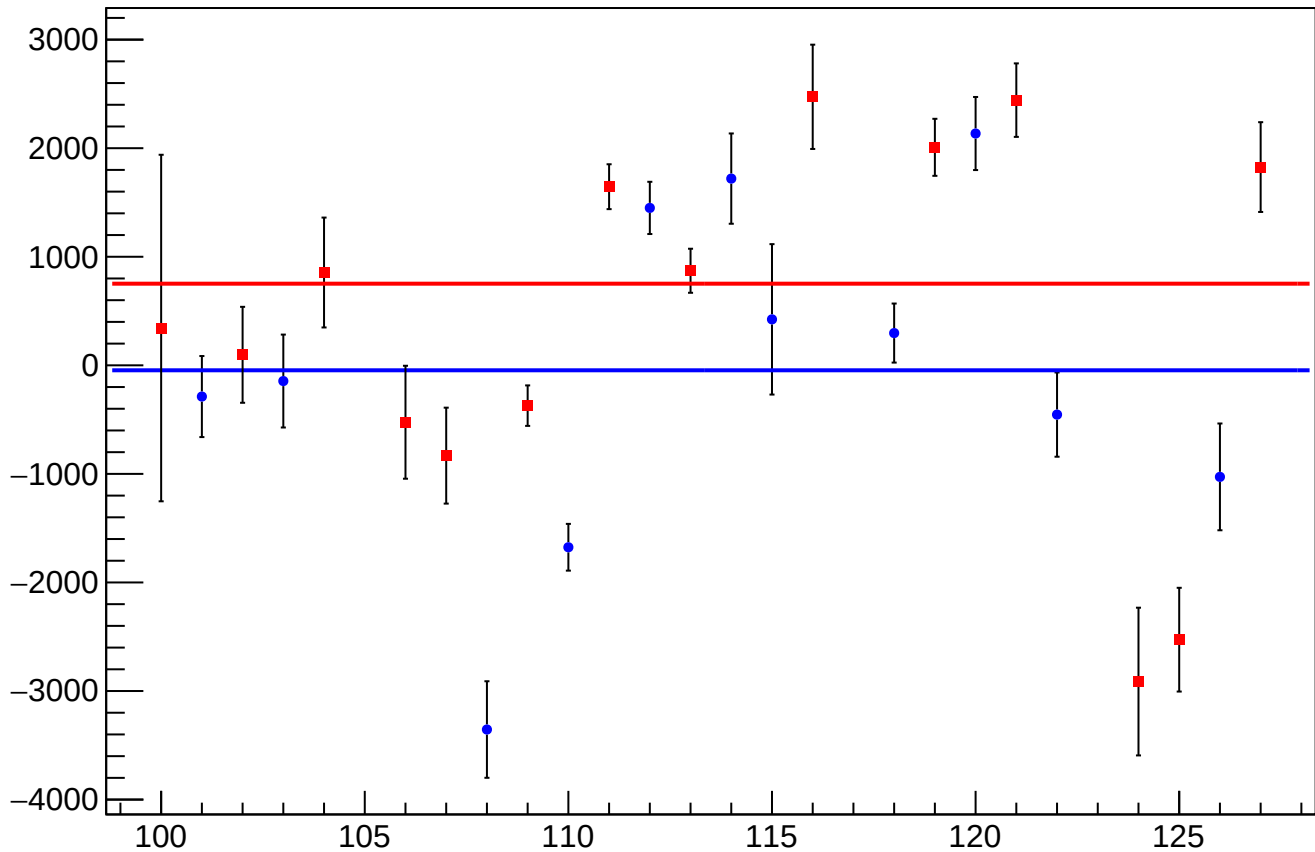
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 198.368 $\pm$ 0.048 χ^2 /NDF: 2066809.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0l06WS_mean vs Slug



Right In: -45.757 ± 101.251 χ^2/NDF : 219.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 752.024 ± 86.181 χ^2/NDF : 220.0/13

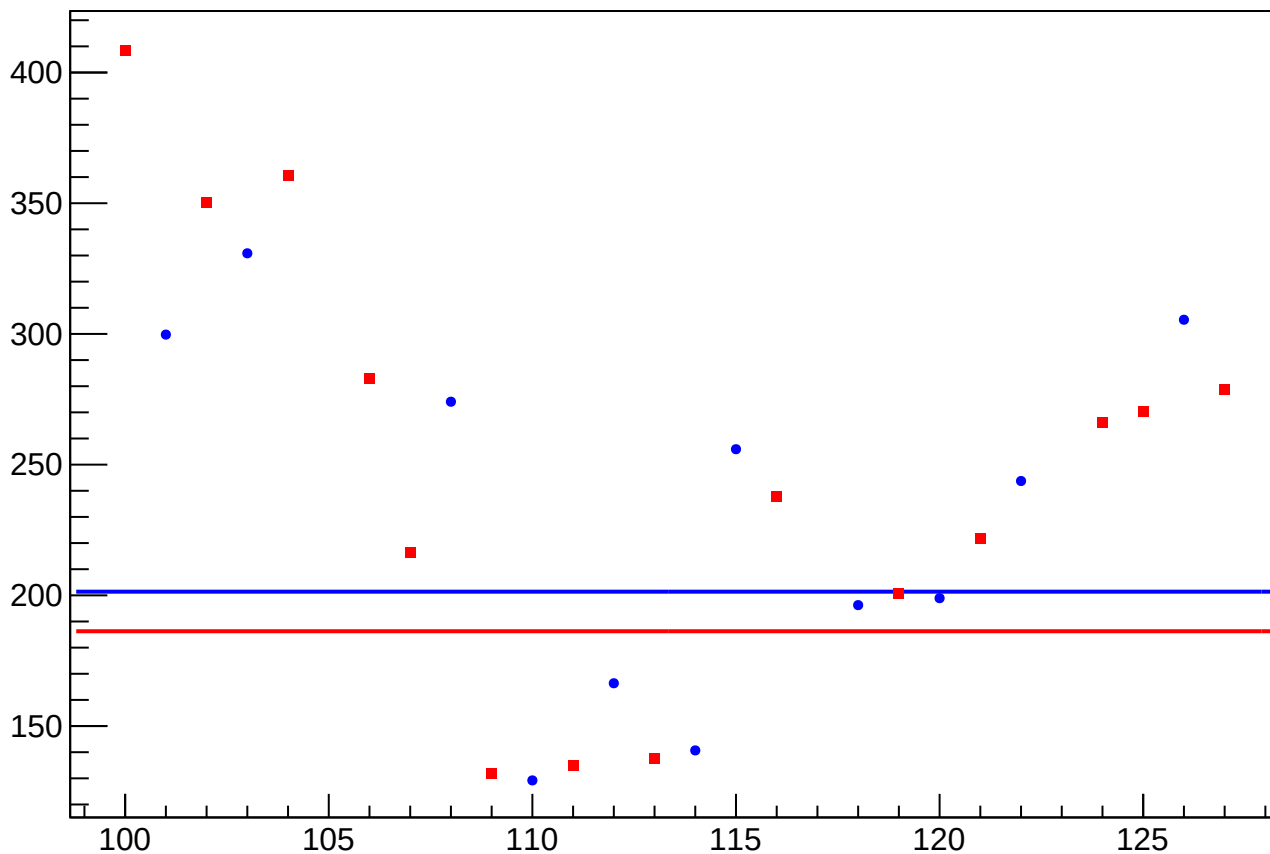
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 416.866 ± 65.627 χ^2/NDF : 475.0/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0l06WS_rms vs Slug



Right In: 201.406 $\pm$ 0.072 χ^2 /NDF: 811598.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 186.270 $\pm$ 0.061 χ^2 /NDF: 1278830.3/13

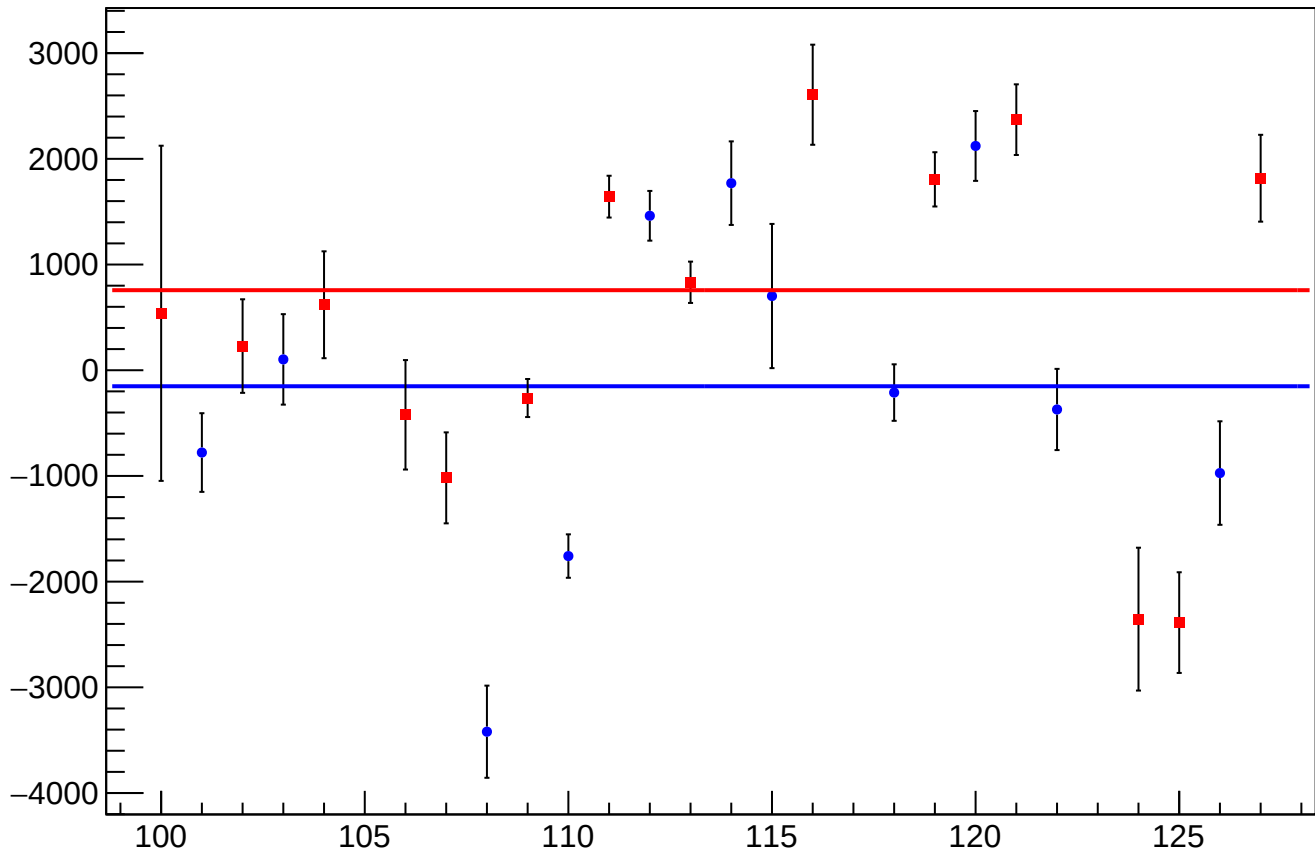
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 192.629 $\pm$ 0.046 χ^2 /NDF: 2116346.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0l07WS_mean vs Slug



Right In: -151.579+/-98.848 χ^2/NDF : 243.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 757.318+/-83.849 χ^2/NDF : 202.7/13

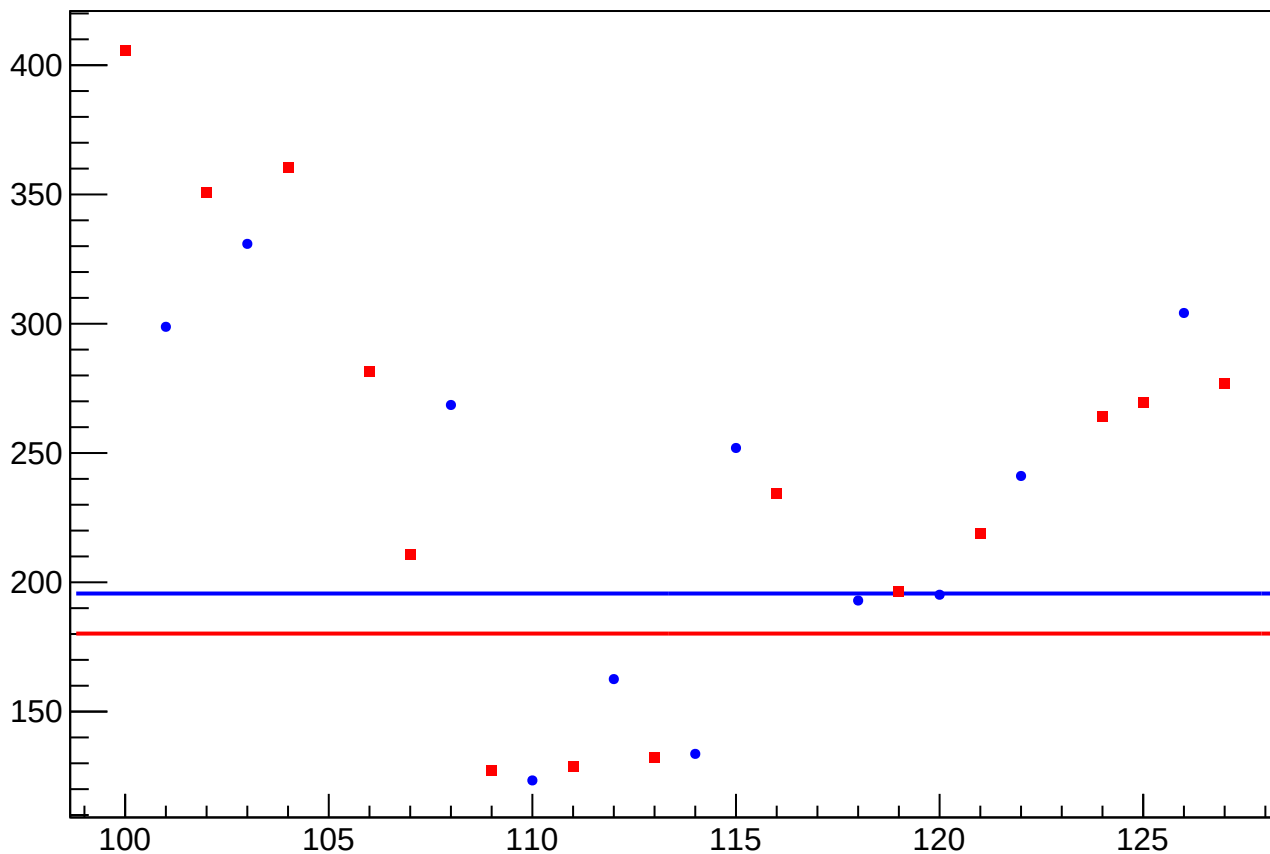
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 376.991+/-63.943 χ^2/NDF : 495.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l07WS_rms vs Slug



Right In: 195.662 ± 0.070 χ^2/NDF : 885553.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 180.172 ± 0.059 χ^2/NDF : 1379952.9/13

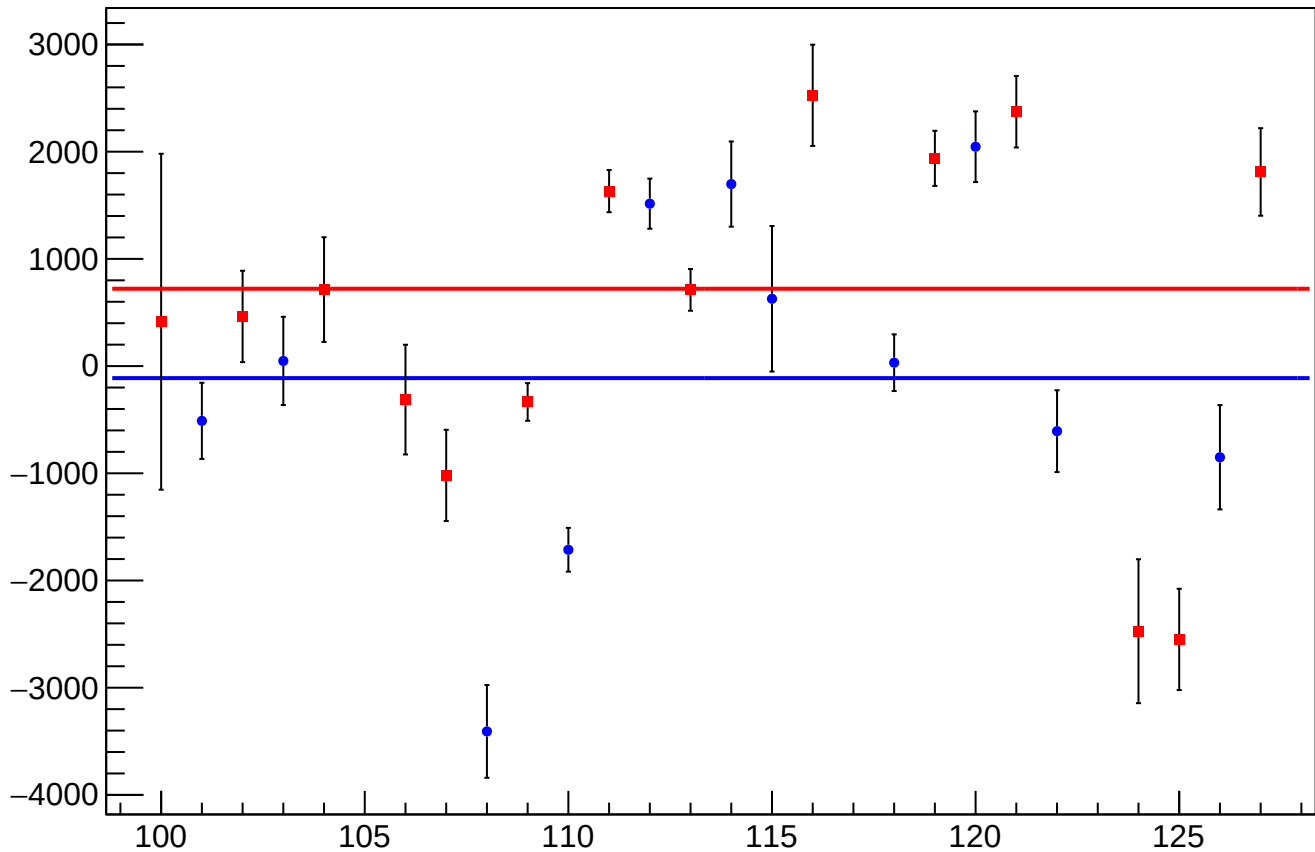
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 186.654 ± 0.045 χ^2/NDF : 2294070.6/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0l08WS_mean vs Slug



Right In: -112.118 $\pm$ 97.791 χ^2 /NDF: 238.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 721.674 $\pm$ 82.900 χ^2 /NDF: 218.1/13

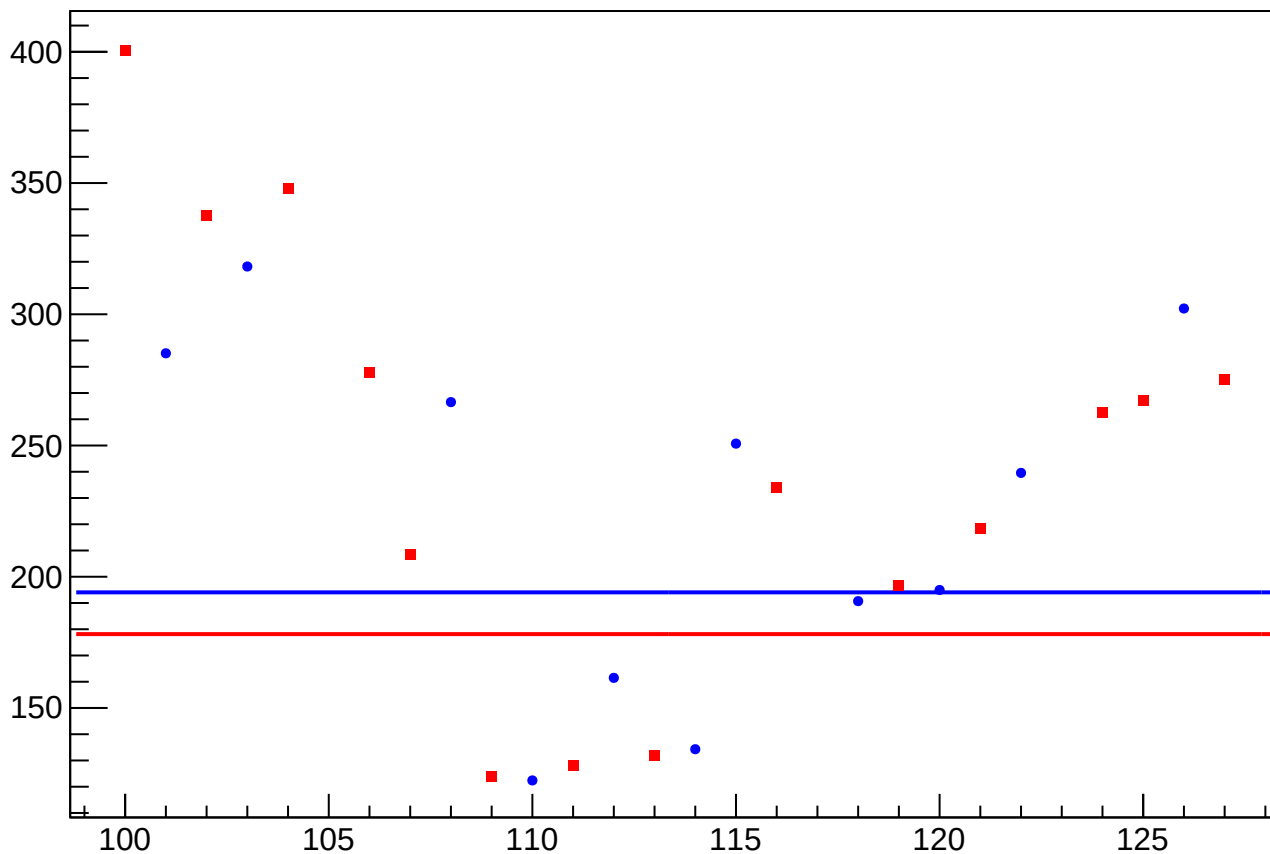
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 373.027 $\pm$ 63.236 χ^2 /NDF: 498.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0l08WS_rms vs Slug



Right In: 194.049+/-0.069 χ^2/NDF : 841494.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 178.146+/-0.059 χ^2/NDF : 1366602.3/13

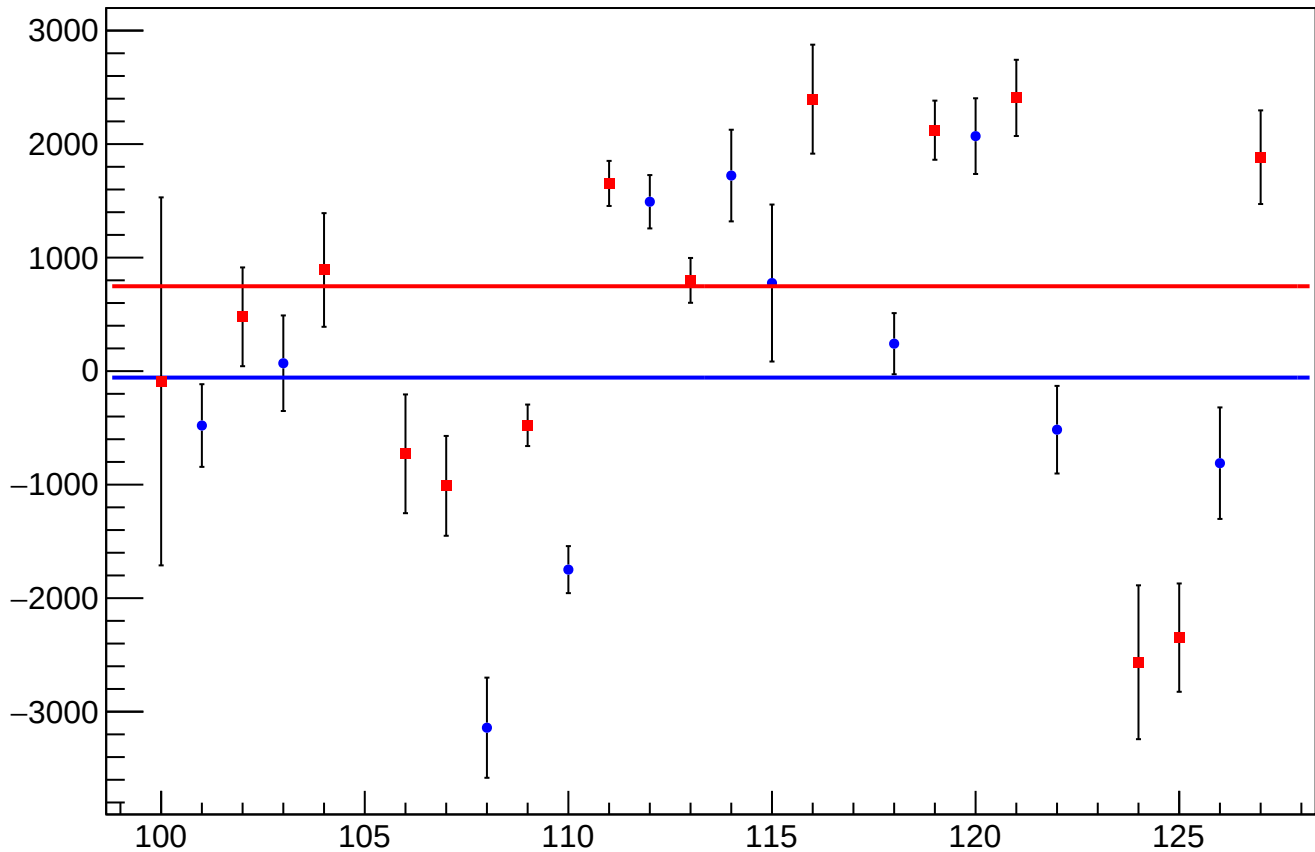
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.796+/-0.045 χ^2/NDF : 2238874.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l09WS_mean vs Slug



Right In: -56.891+/-99.217 χ^2/NDF : 227.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 747.693+/-84.572 χ^2/NDF : 228.1/13

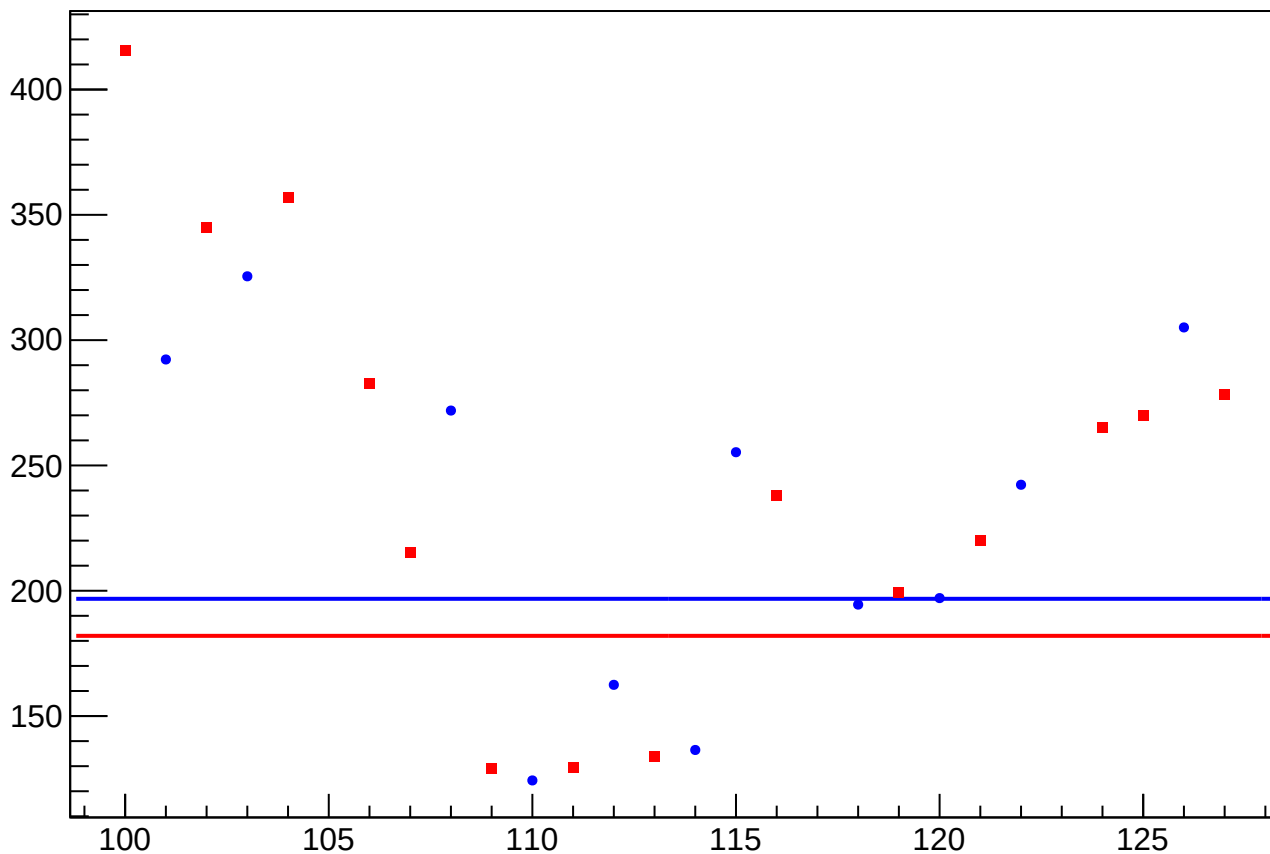
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 409.107+/-64.363 χ^2/NDF : 493.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l09WS_rms vs Slug



Right In: 196.785+/-0.070 χ^2/NDF : 854027.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 182.007+/-0.060 χ^2/NDF : 1344704.1/13

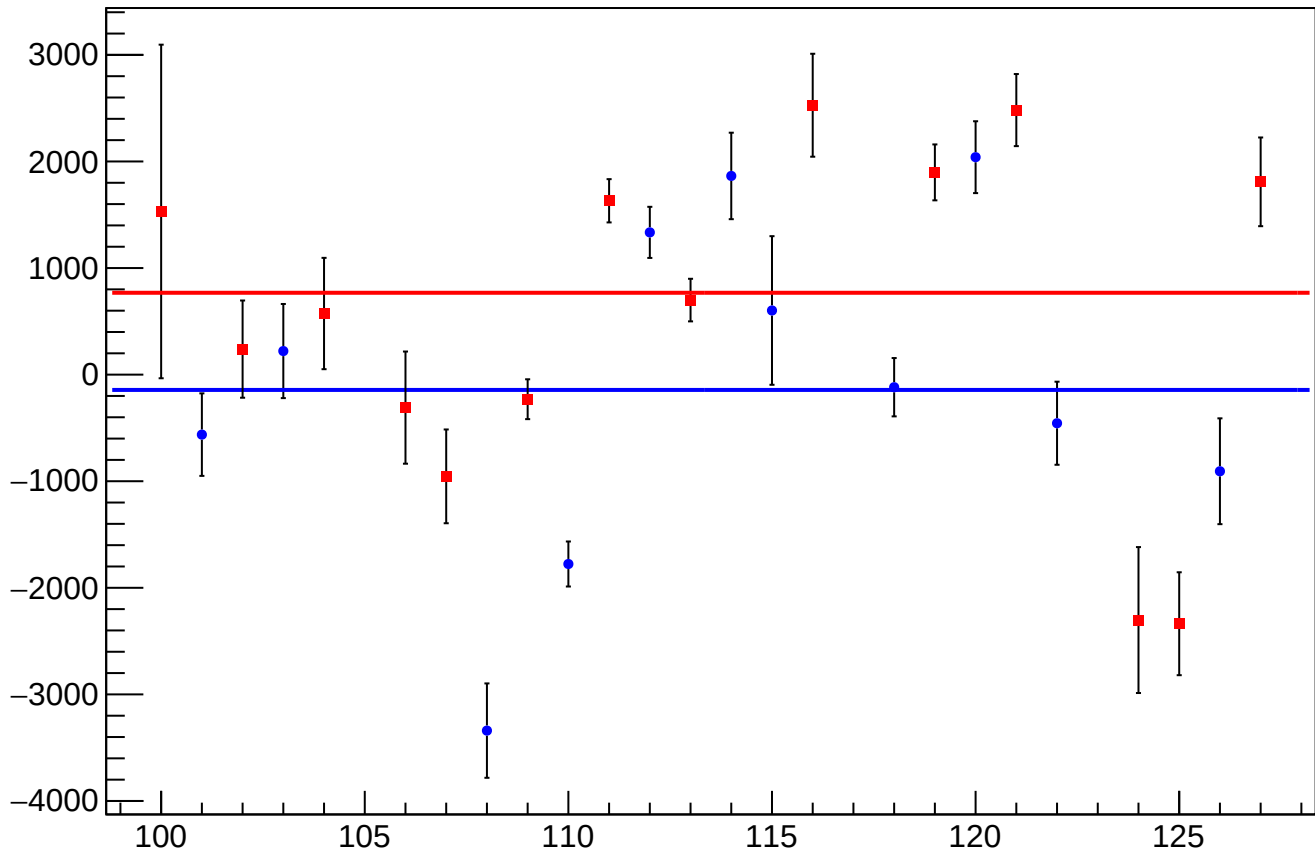
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 188.226+/-0.046 χ^2/NDF : 2224429.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l10WS_mean vs Slug



Right In: -143.530+/-101.200 χ^2/NDF : 222.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 768.078+/-85.952 χ^2/NDF : 193.2/13

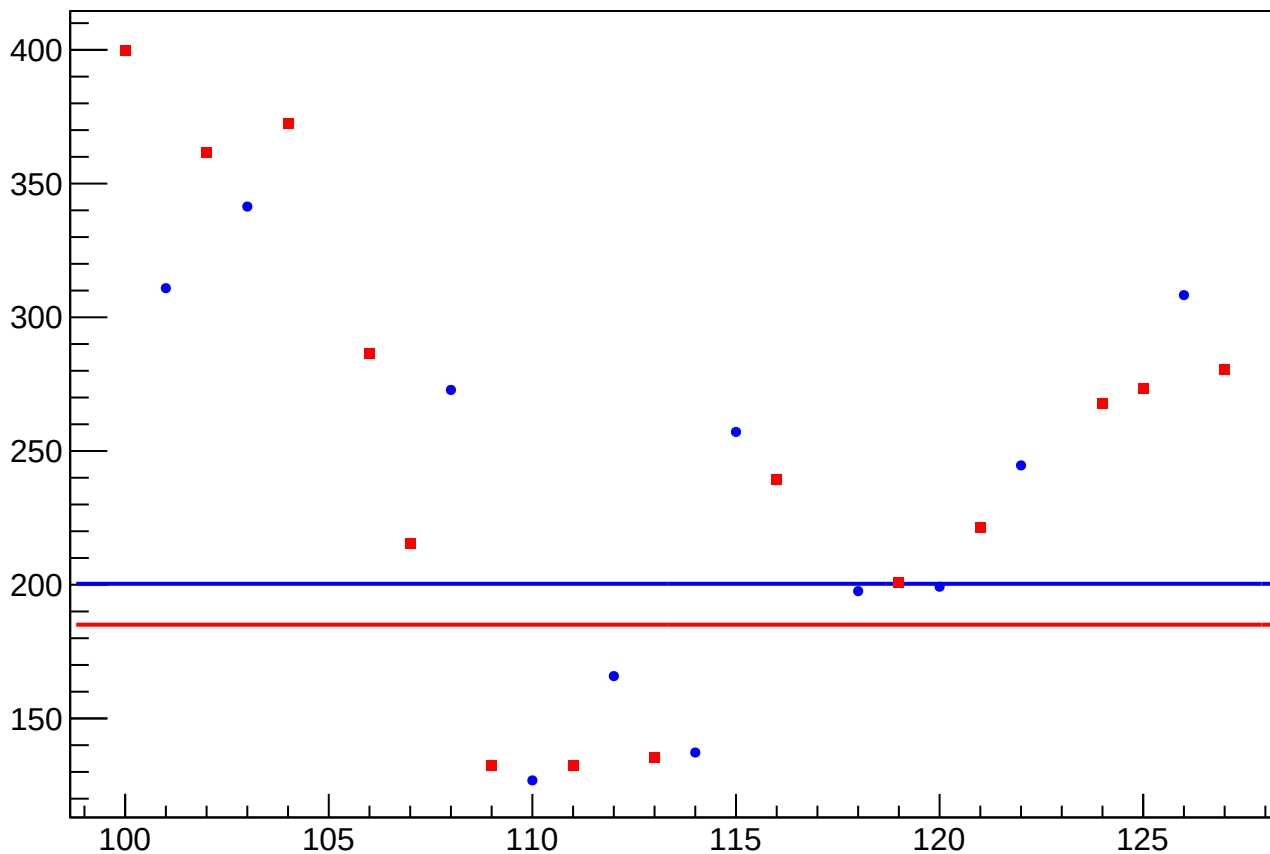
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 386.056+/-65.512 χ^2/NDF : 462.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l10WS_rms vs Slug



Right In: 200.349+/-0.072 χ^2/NDF : 886866.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 185.059+/-0.061 χ^2/NDF : 1353150.7/13

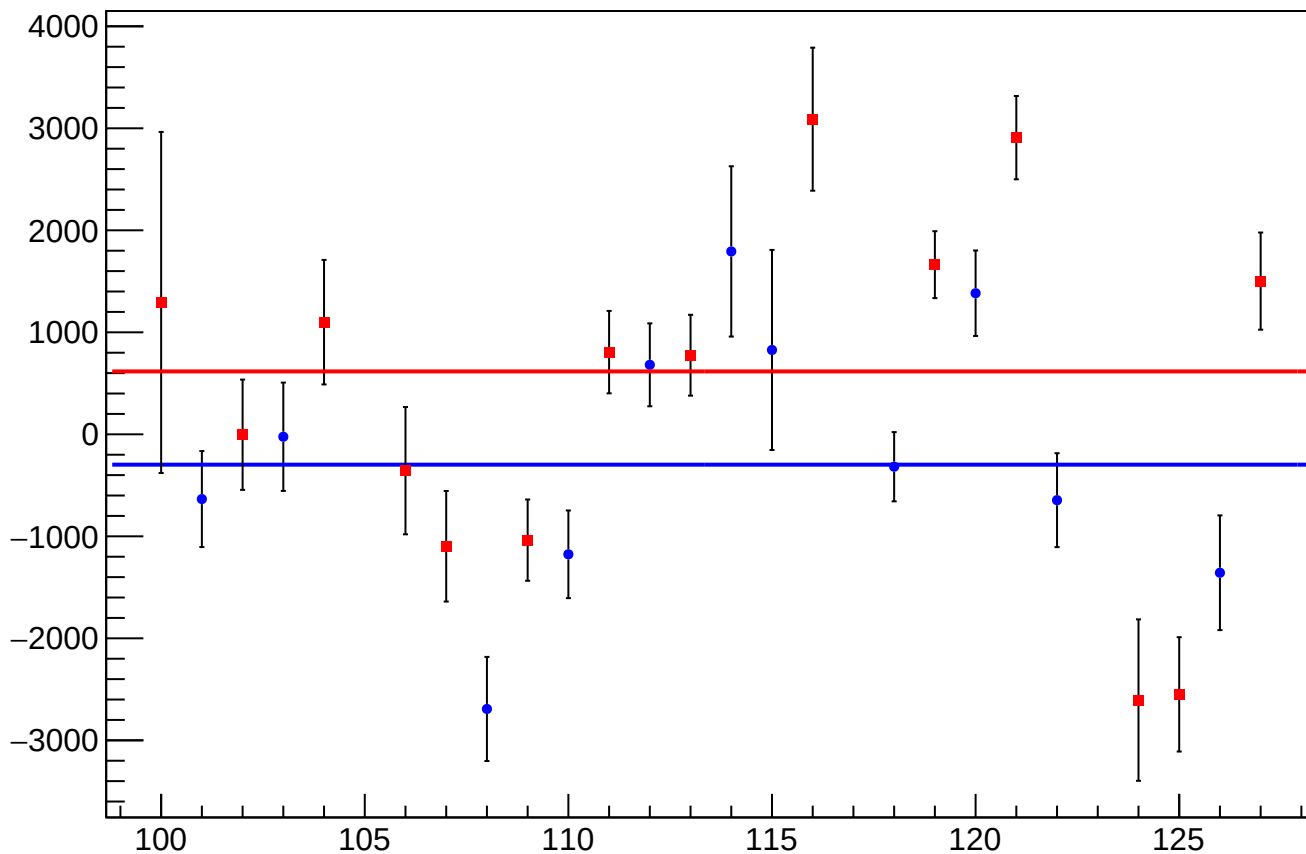
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.466+/-0.046 χ^2/NDF : 2266540.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0r03WS_mean vs Slug



Right In: -297.492 $\pm$ 144.185 χ^2 /NDF: 60.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 616.673 $\pm$ 131.589 χ^2 /NDF: 138.2/13

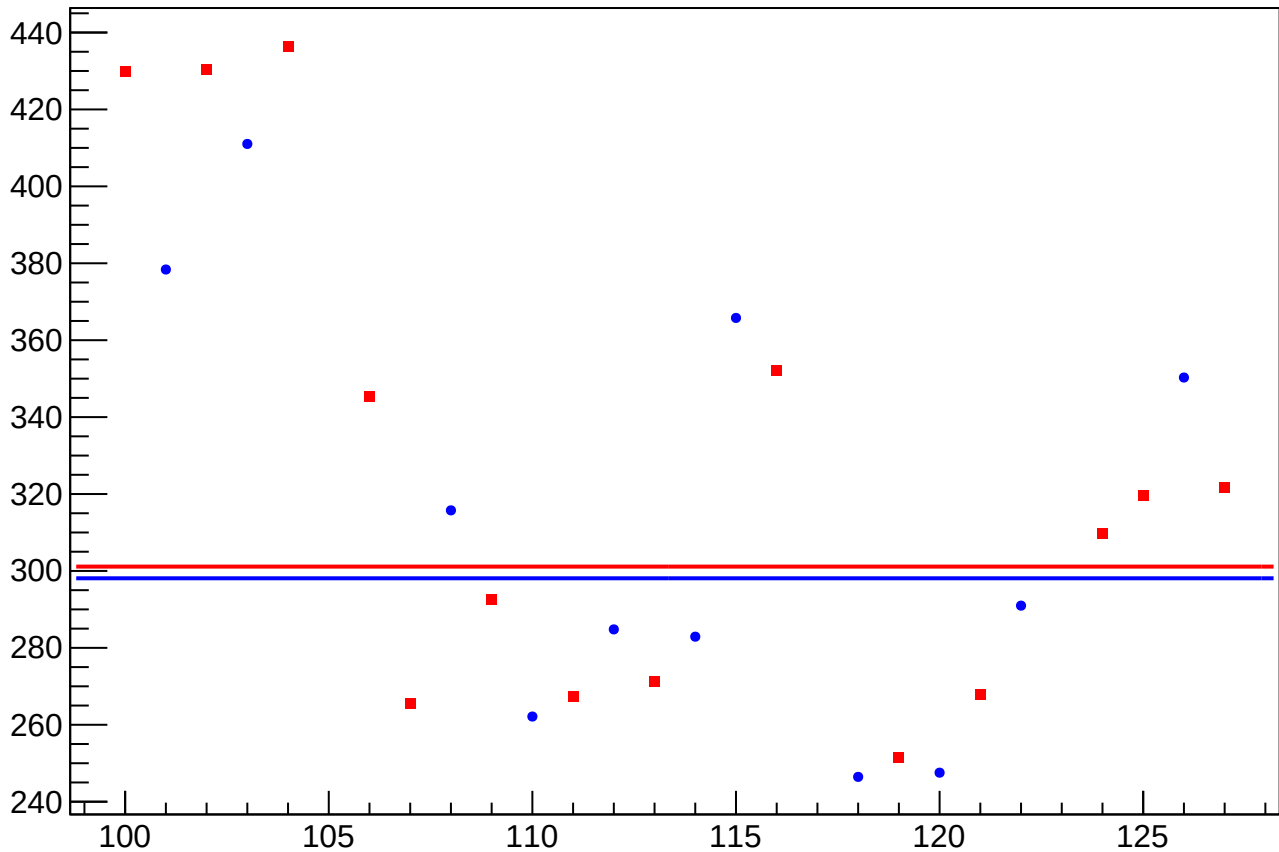
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 201.258 $\pm$ 97.196 χ^2 /NDF: 220.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0r03WS_rms vs Slug



Right In: 298.091+/-0.102 χ^2/NDF : 270536.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 301.129+/-0.093 χ^2/NDF : 345180.4/13

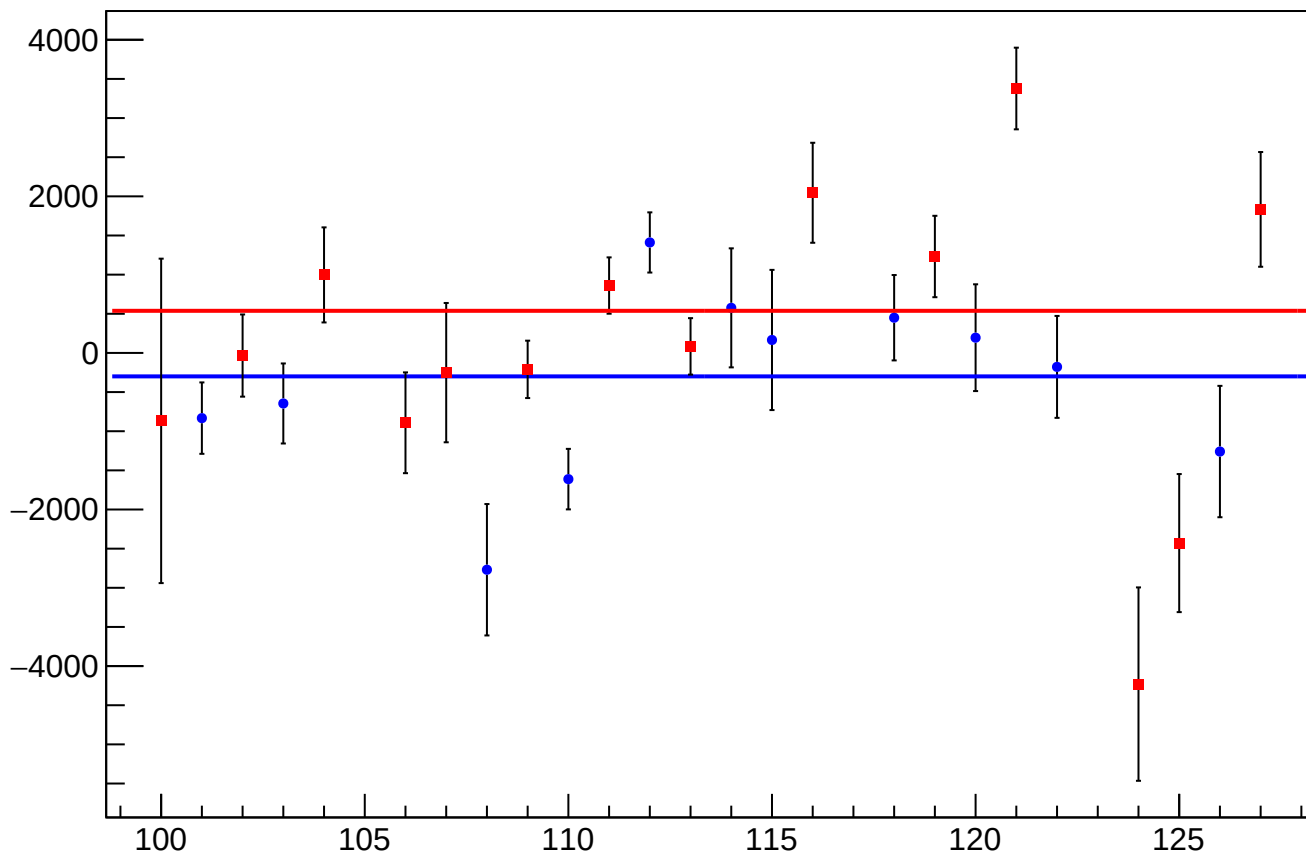
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 299.749+/-0.069 χ^2/NDF : 616200.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0r05WS_mean vs Slug



Right In: -299.598+/-167.156 χ^2/NDF : 47.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 537.972+/-146.256 χ^2/NDF : 80.8/13

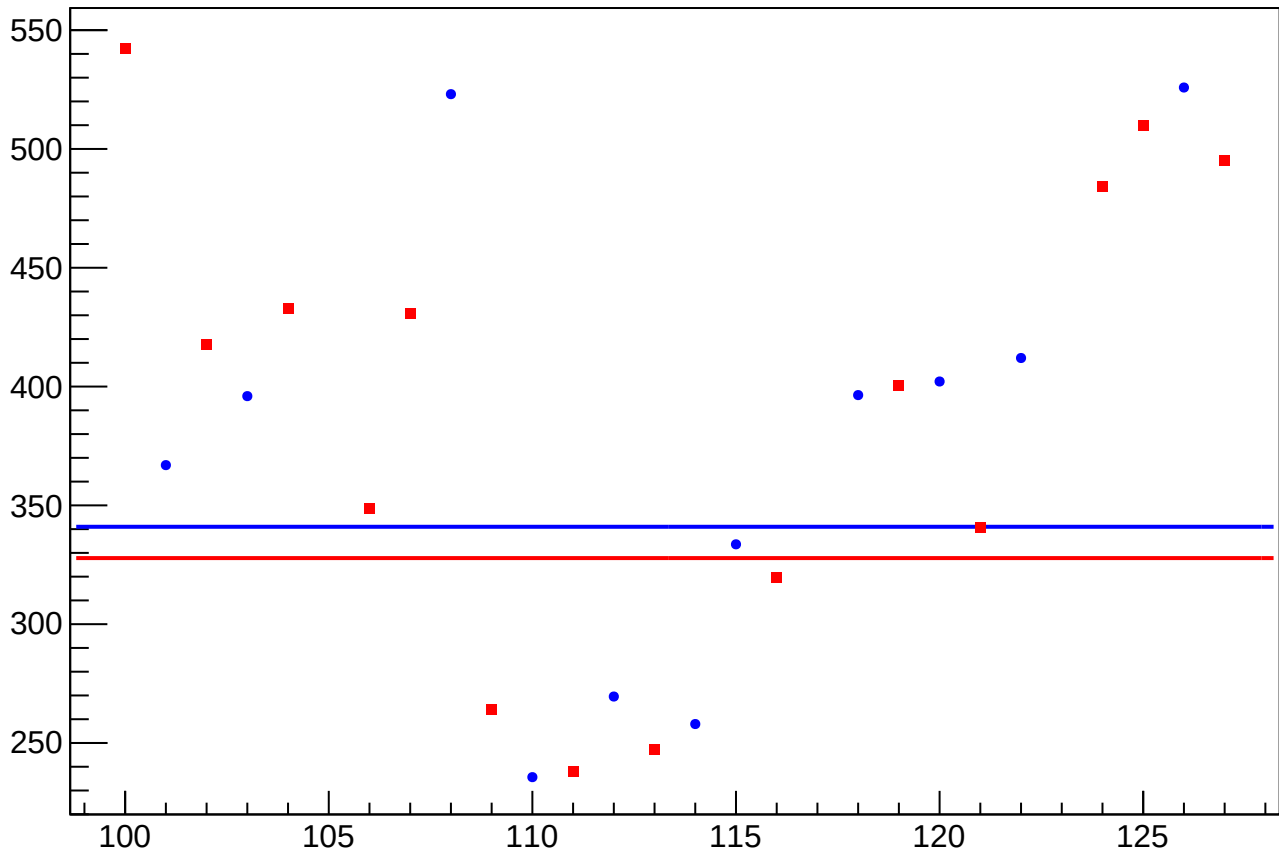
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 174.794+/-110.071 χ^2/NDF : 142.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0r05WS_rms vs Slug



Right In: 340.993+/-0.118 χ^2/NDF : 523132.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 327.815+/-0.103 χ^2/NDF : 715790.9/13

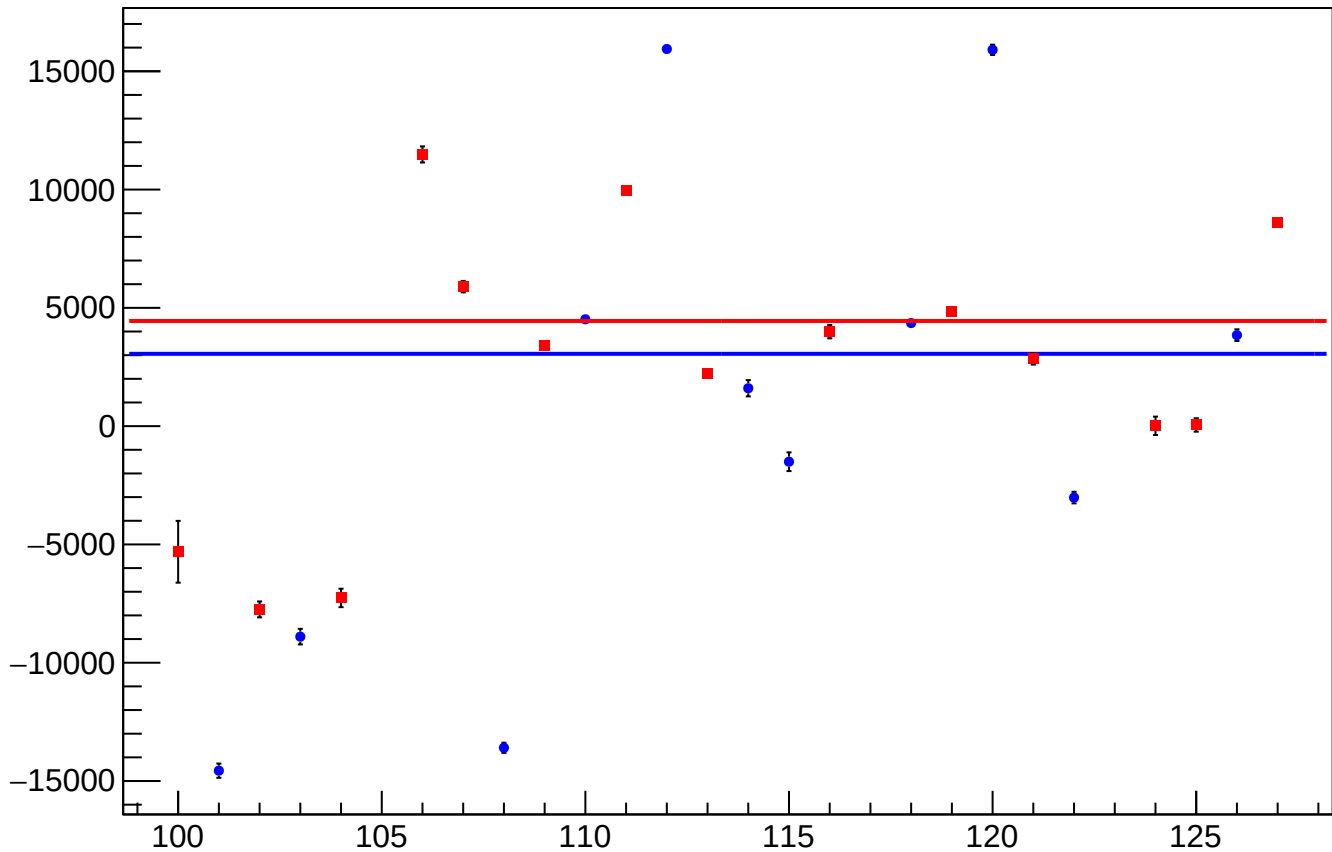
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 333.529+/-0.078 χ^2/NDF : 1245964.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02WS_mean vs Slug



Right In: 3056.574 $\pm$ 68.477 χ^2 /NDF: 20665.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4445.443 $\pm$ 61.416 χ^2 /NDF: 5053.8/13

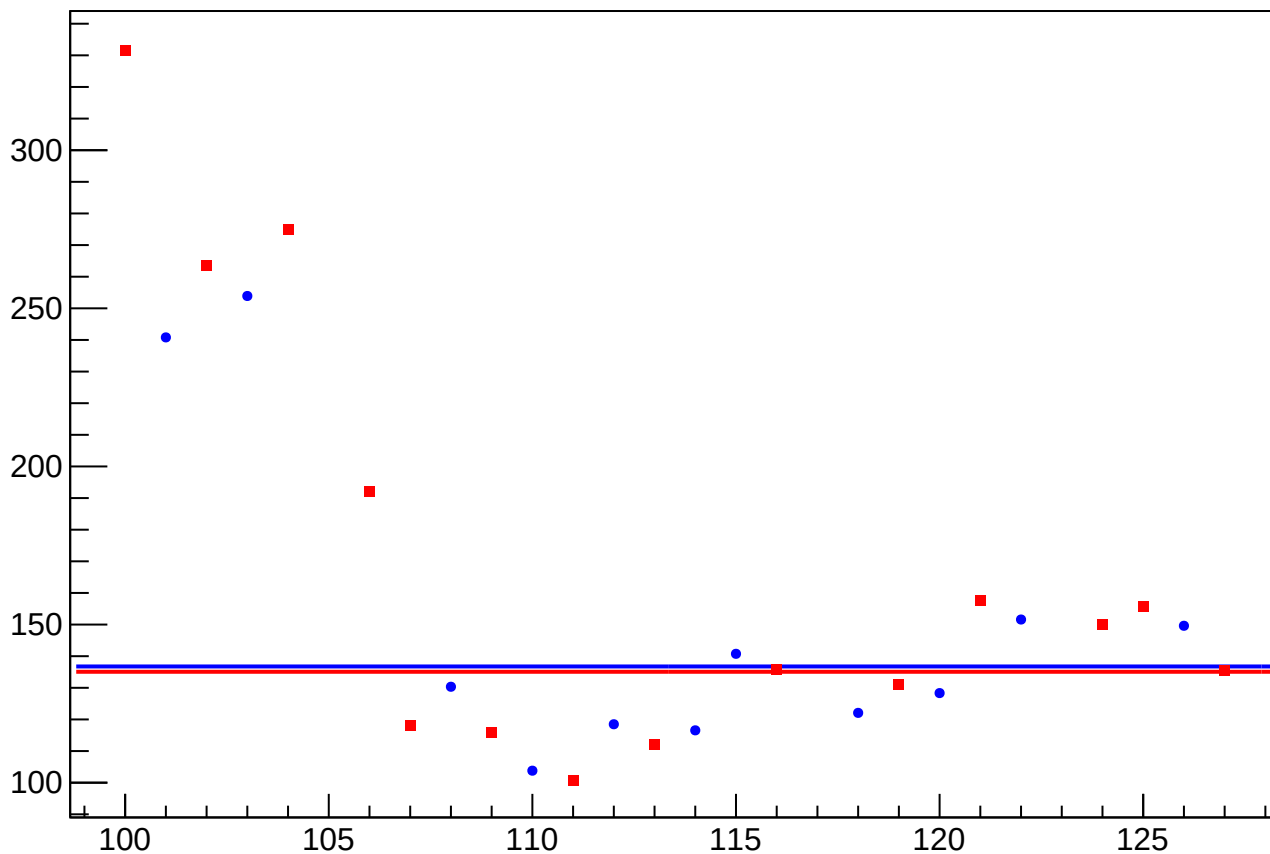
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3826.284 $\pm$ 45.721 χ^2 /NDF: 25947.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0i02WS_rms vs Slug



Right In: 136.750+/-0.048 χ^2/NDF : 626274.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.075+/-0.043 χ^2/NDF : 857270.6/13

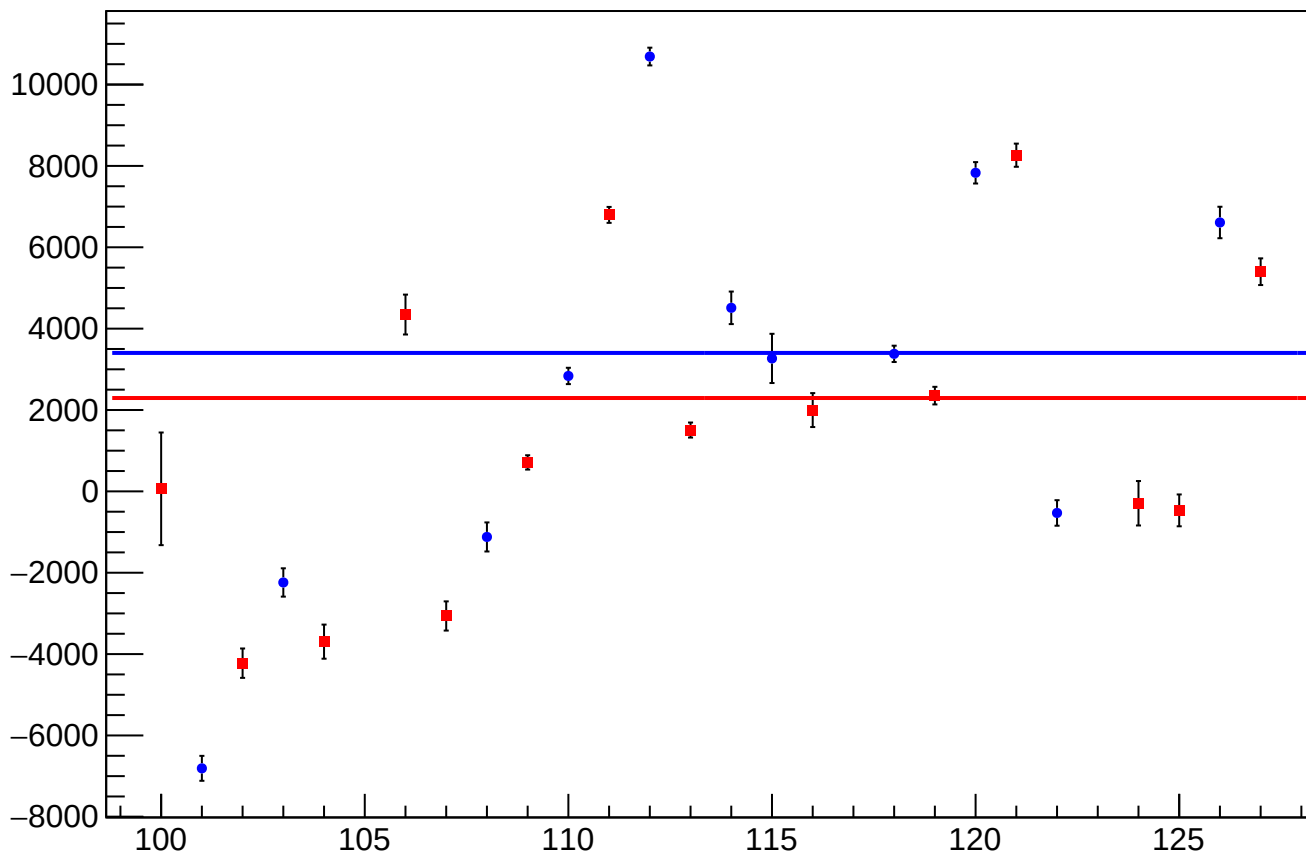
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.822+/-0.032 χ^2/NDF : 1484208.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02aWS_mean vs Slug



Right In: 3403.005+/-85.224 χ^2/NDF : 3173.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2294.832+/-76.242 χ^2/NDF : 2001.1/13

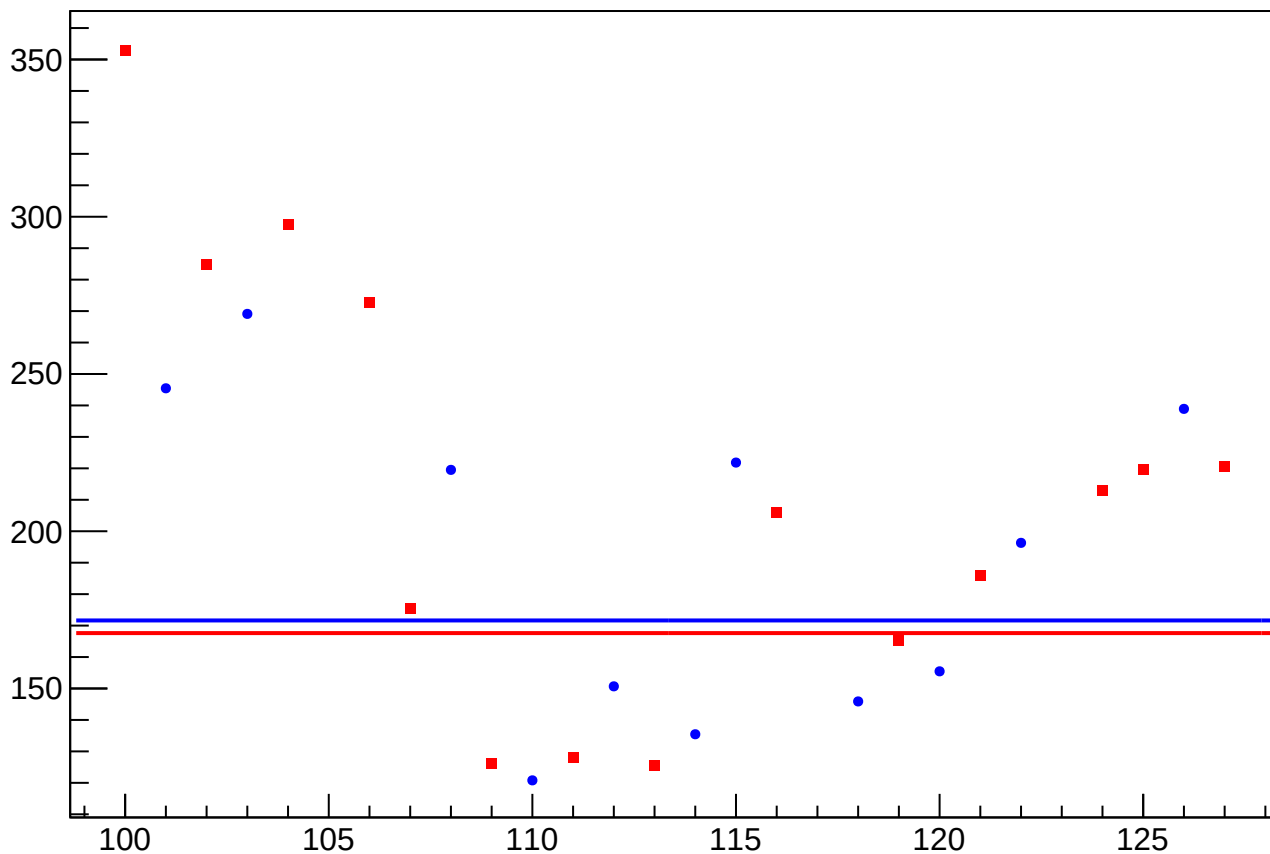
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2787.466+/-56.823 χ^2/NDF : 5268.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02aWS_rms vs Slug



Right In: 171.634 ± 0.060 χ^2/NDF : 598852.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 167.615 ± 0.054 χ^2/NDF : 956018.0/13

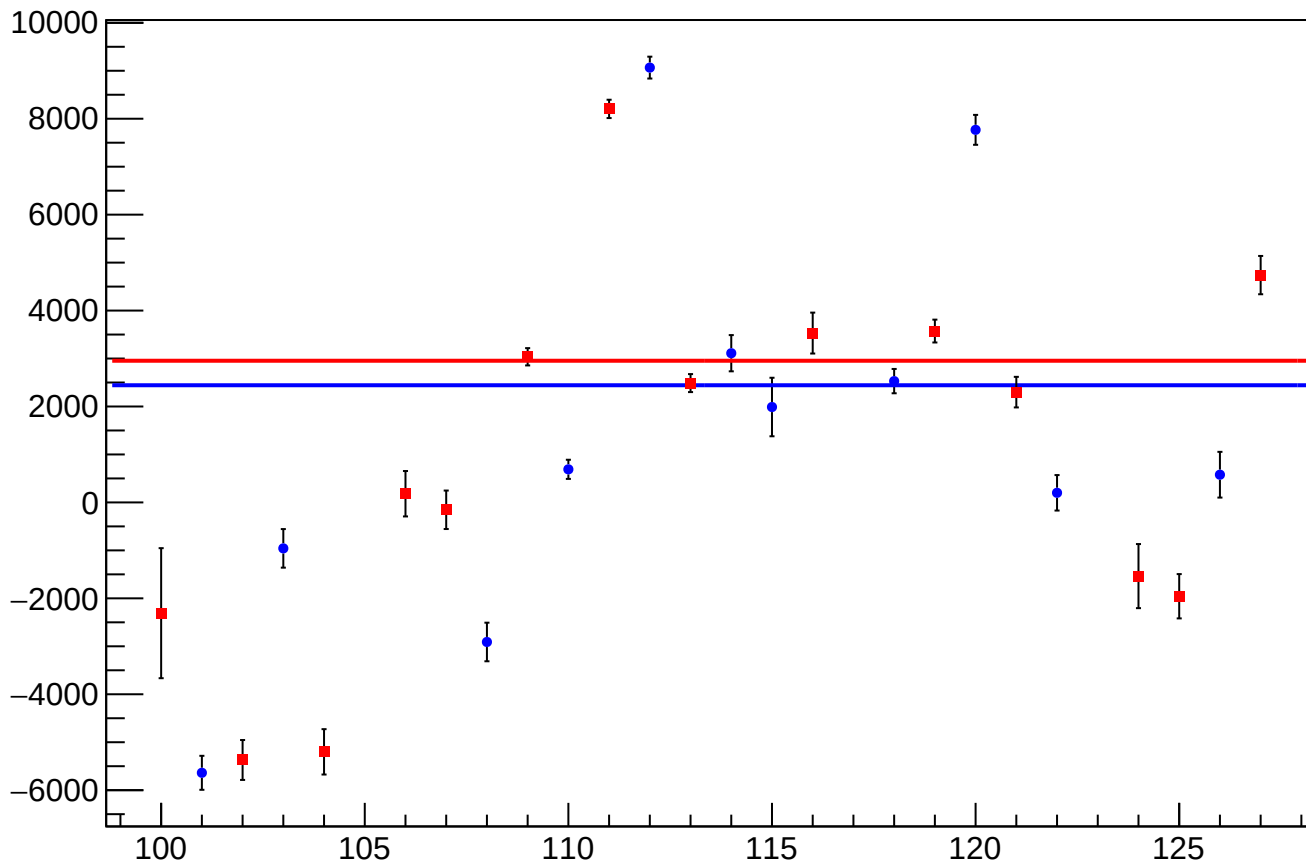
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 169.402 ± 0.040 χ^2/NDF : 1557341.0/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0i05WS_mean vs Slug



Right In: 2442.997+/-94.544 χ^2/NDF : 2037.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2953.958+/-80.531 χ^2/NDF : 1760.7/13

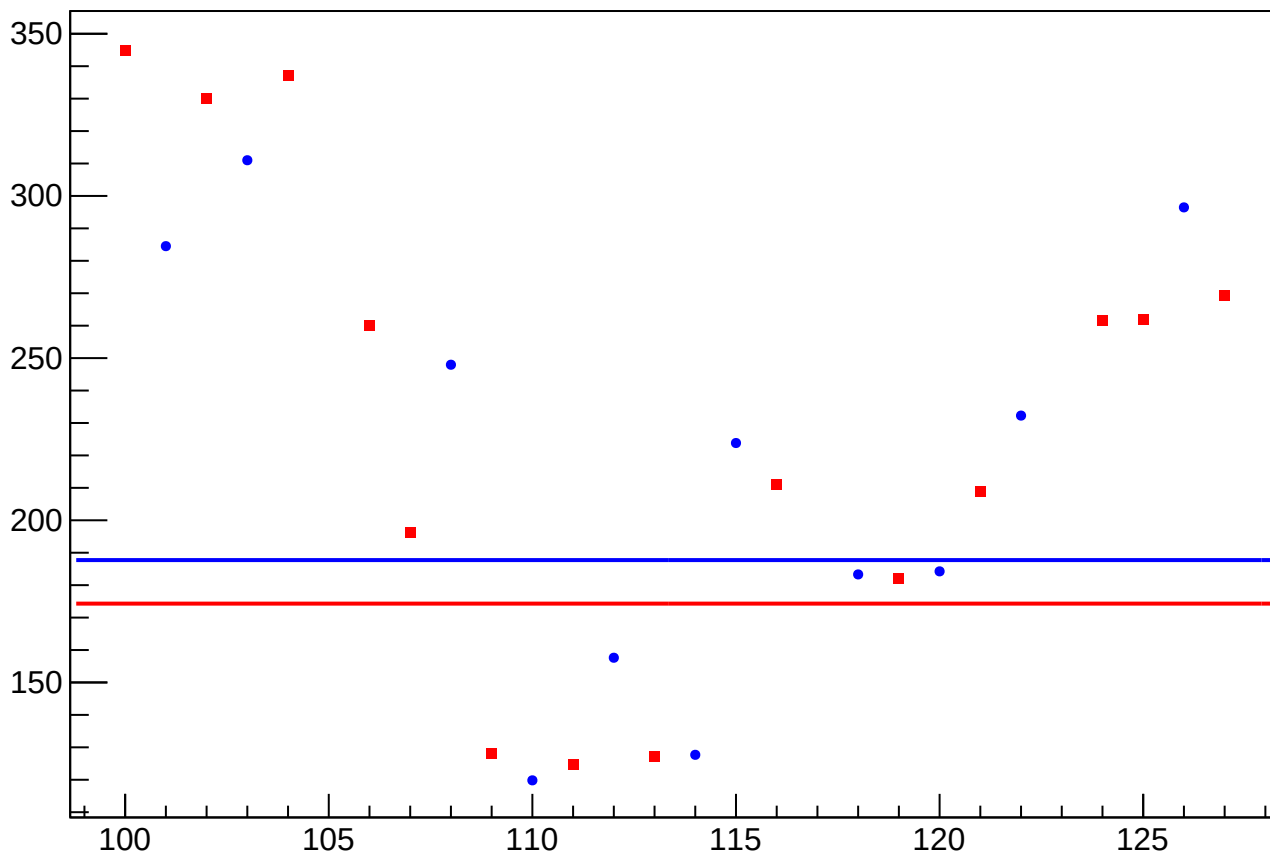
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2739.115+/-61.306 χ^2/NDF : 3815.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i05WS_rms vs Slug



Right In: 187.729+/-0.067 χ^2/NDF : 839482.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.307+/-0.057 χ^2/NDF : 1273351.6/13

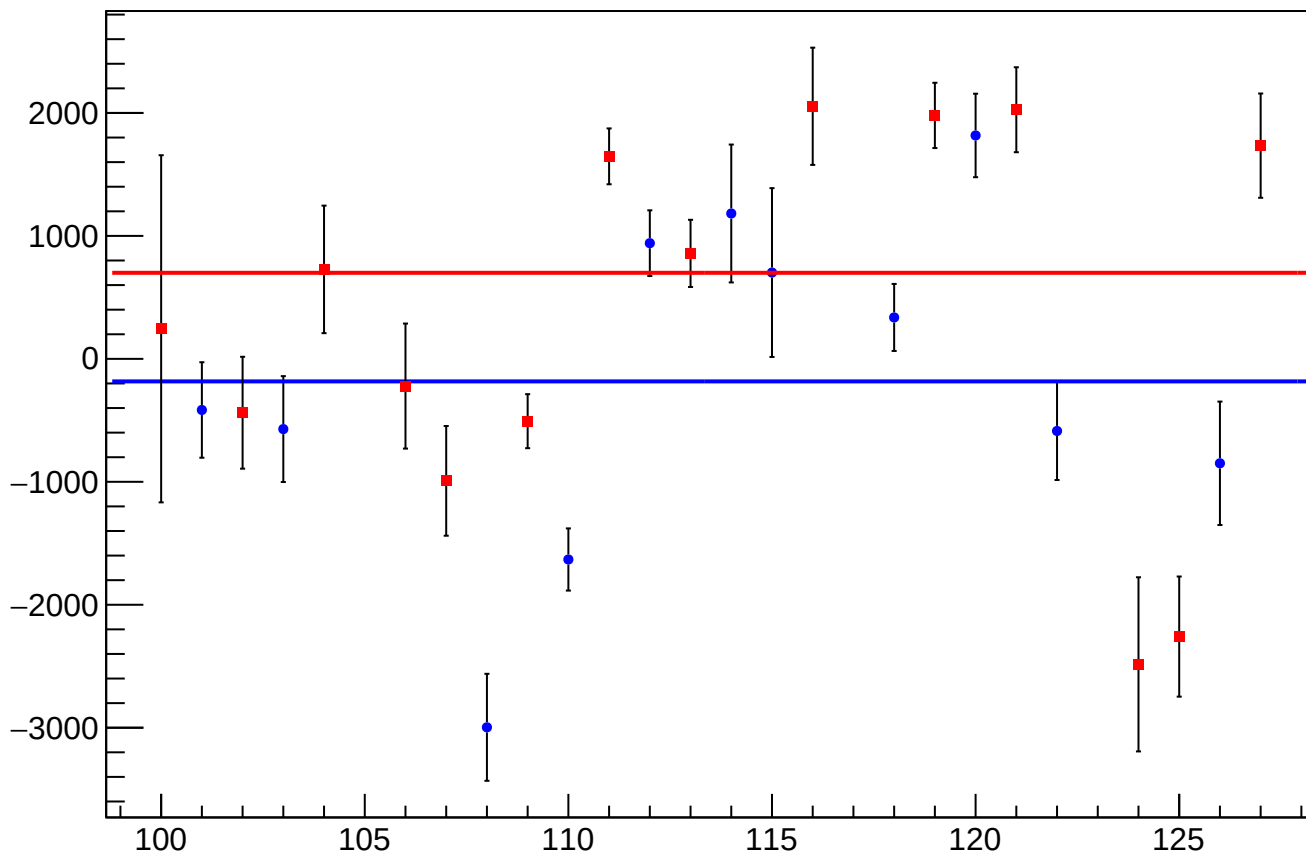
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.951+/-0.043 χ^2/NDF : 2136191.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i07WS_mean vs Slug



Right In: -183.346 ± 108.687 χ^2/NDF : 142.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 700.011 ± 95.276 χ^2/NDF : 180.8/13

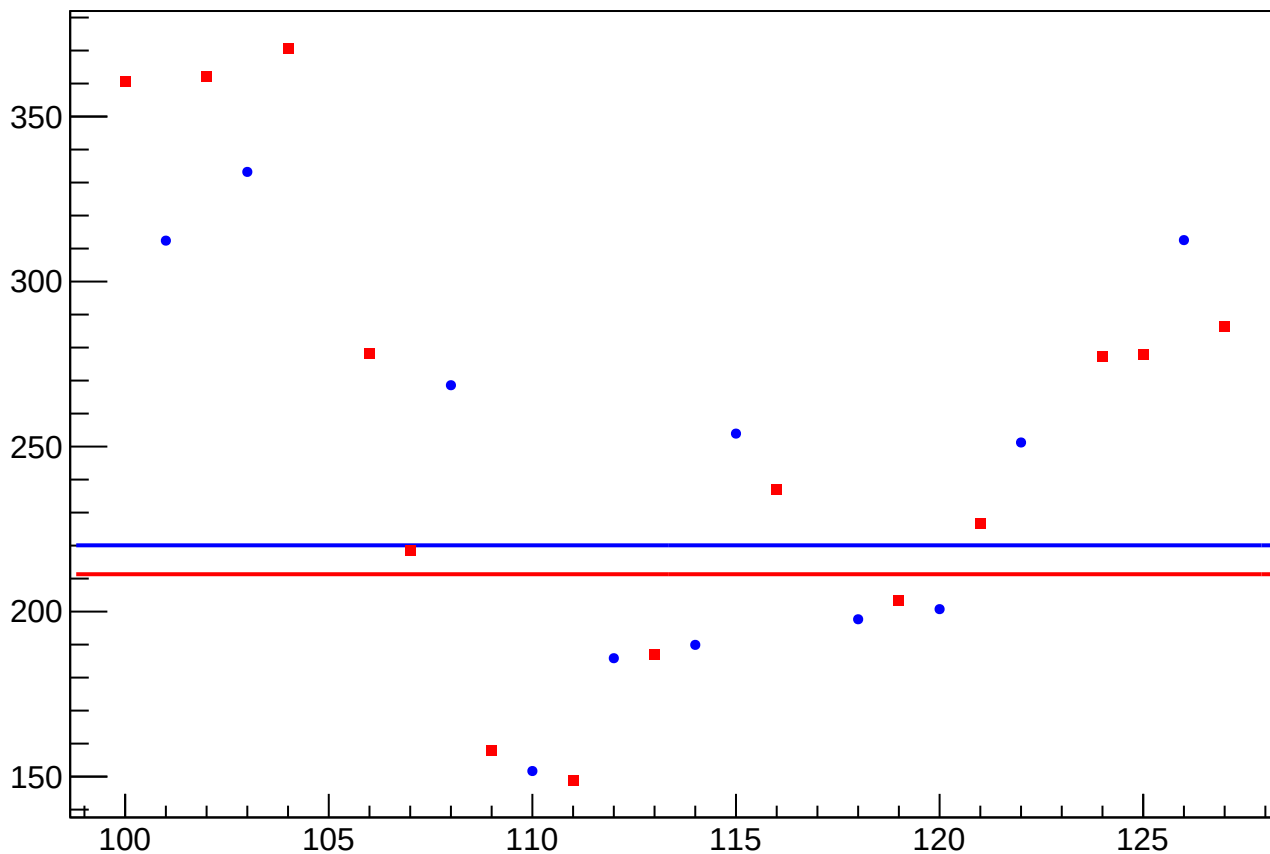
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 316.168 ± 71.645 χ^2/NDF : 360.4/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0i07WS_rms vs Slug



Right In: 220.080 $\pm$ 0.077 χ^2 /NDF: 565852.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 211.323 $\pm$ 0.067 χ^2 /NDF: 878523.0/13

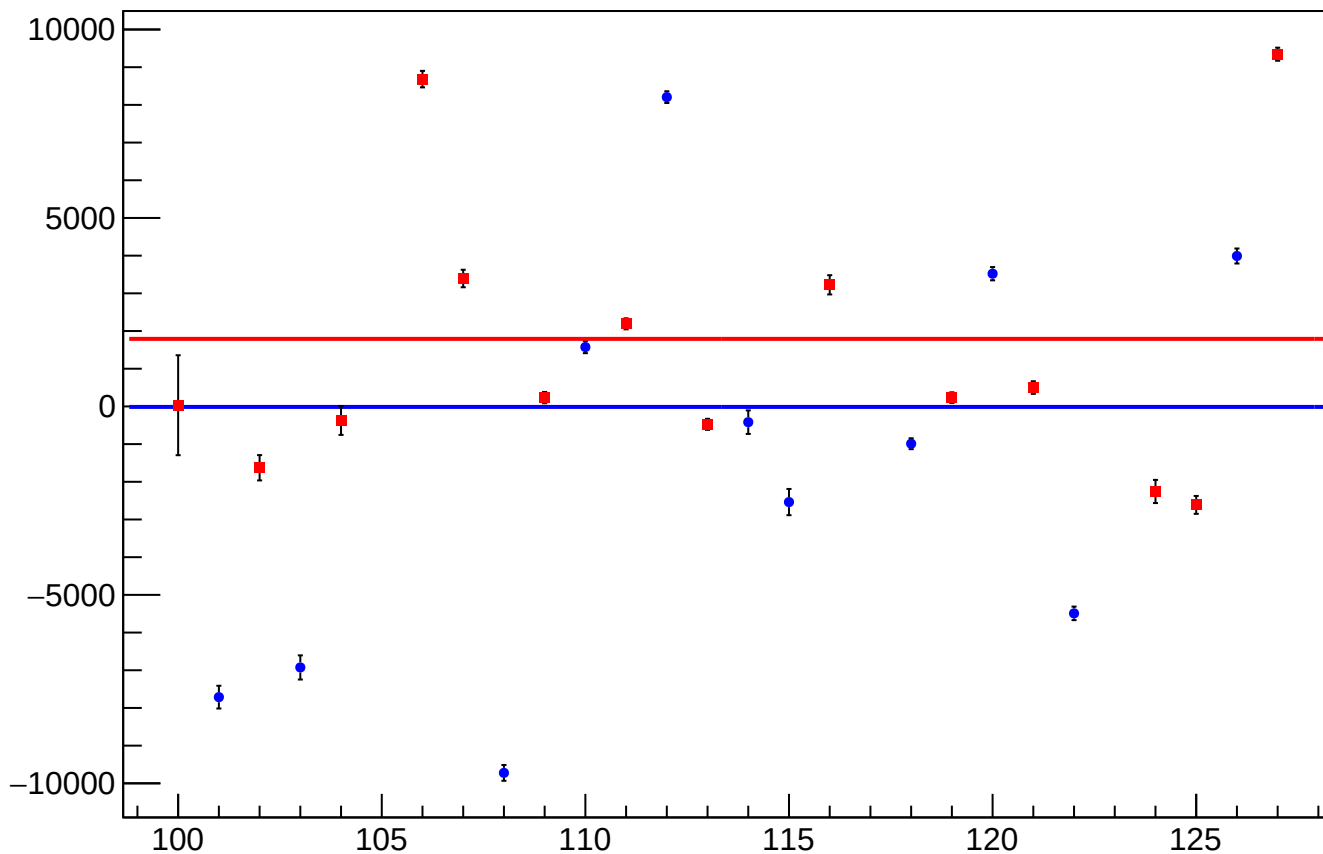
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 215.128 $\pm$ 0.051 χ^2 /NDF: 1451717.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm1i02WS_mean vs Slug



Right In: -13.500+/-59.984 χ^2 /NDF: 7989.3/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1792.266+/-53.003 χ^2 /NDF: 4158.7/13

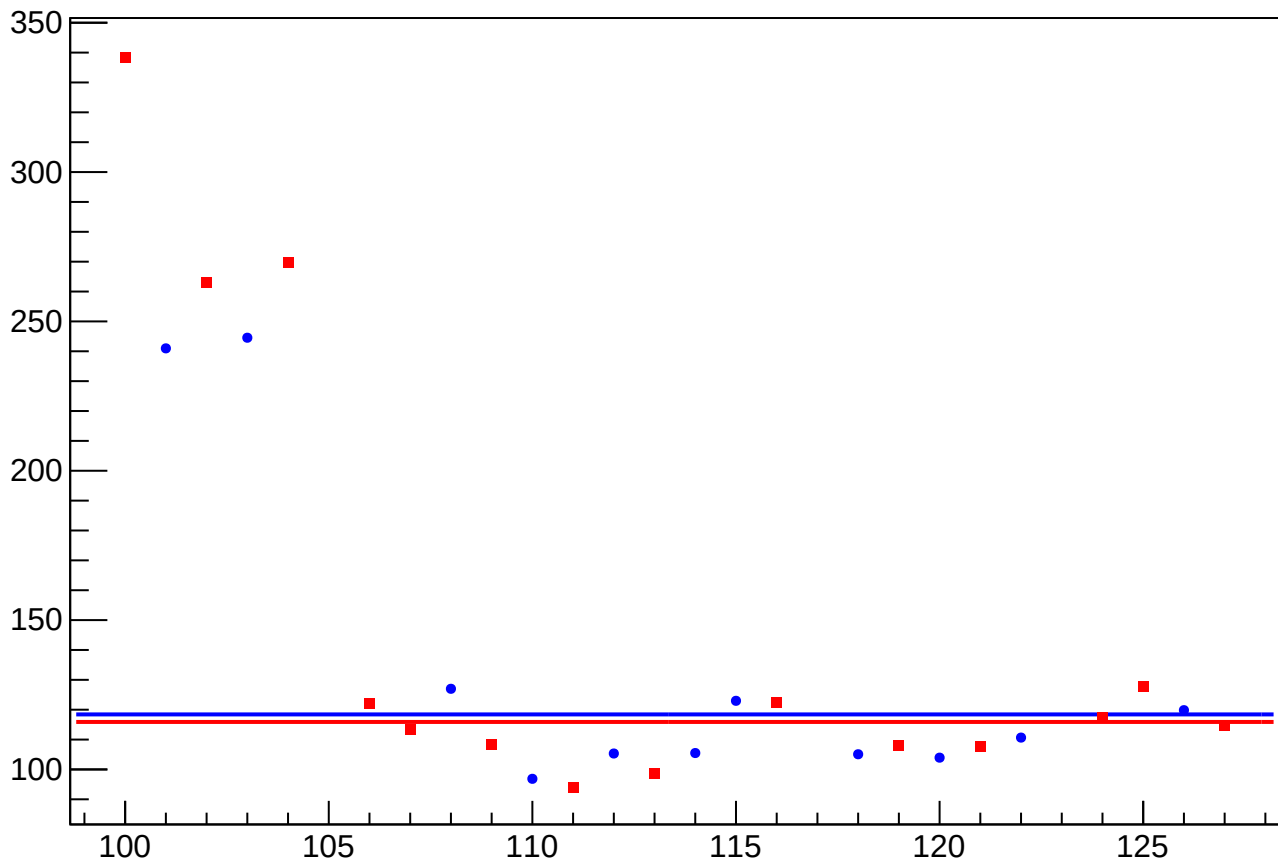
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1000.515+/-39.719 χ^2 /NDF: 12656.8/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_bpm1i02WS_rms vs Slug



Right In: 118.423+/-0.042 χ^2/NDF : 730586.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.903+/-0.037 χ^2/NDF : 860399.6/13

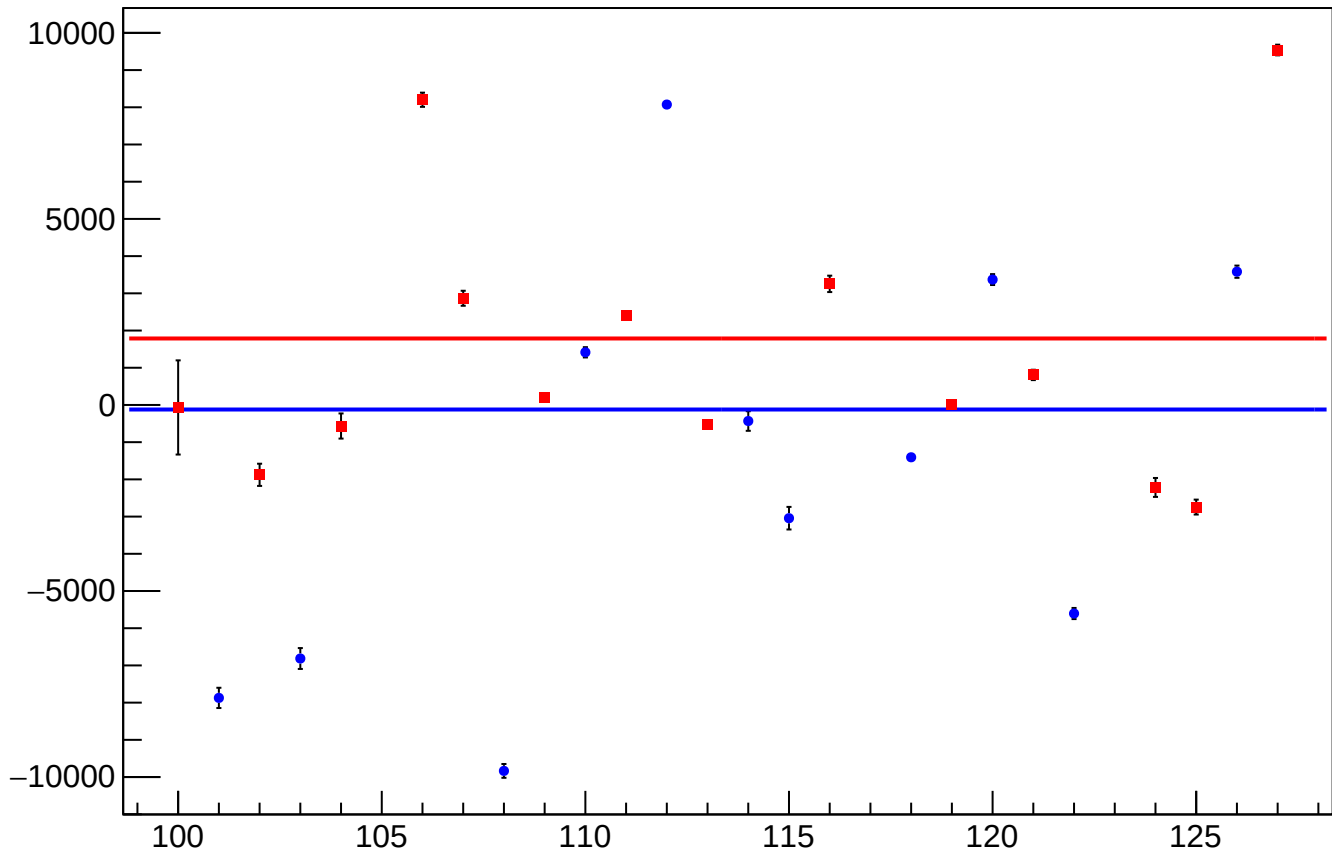
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.008+/-0.028 χ^2/NDF : 1592968.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm1i04WS_mean vs Slug



Right In: -122.261+/-50.885 χ^2/NDF : 10637.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1786.675+/-45.040 χ^2/NDF : 5871.6/13

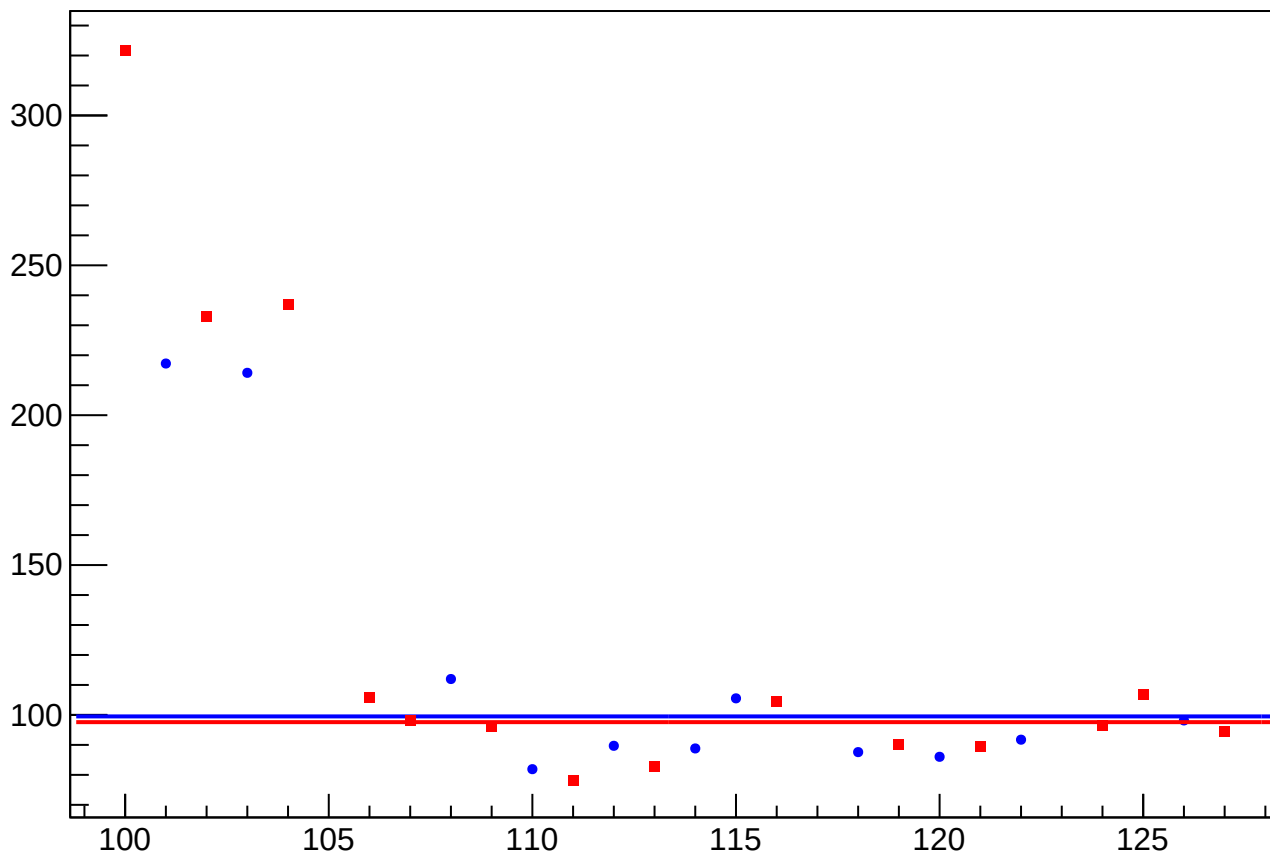
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 948.106+/-33.726 χ^2/NDF : 17298.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm1i04WS_rms vs Slug



Right In: 99.505+/-0.036 χ^2 /NDF: 805990.2/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 97.591+/-0.032 χ^2 /NDF: 920587.6/13

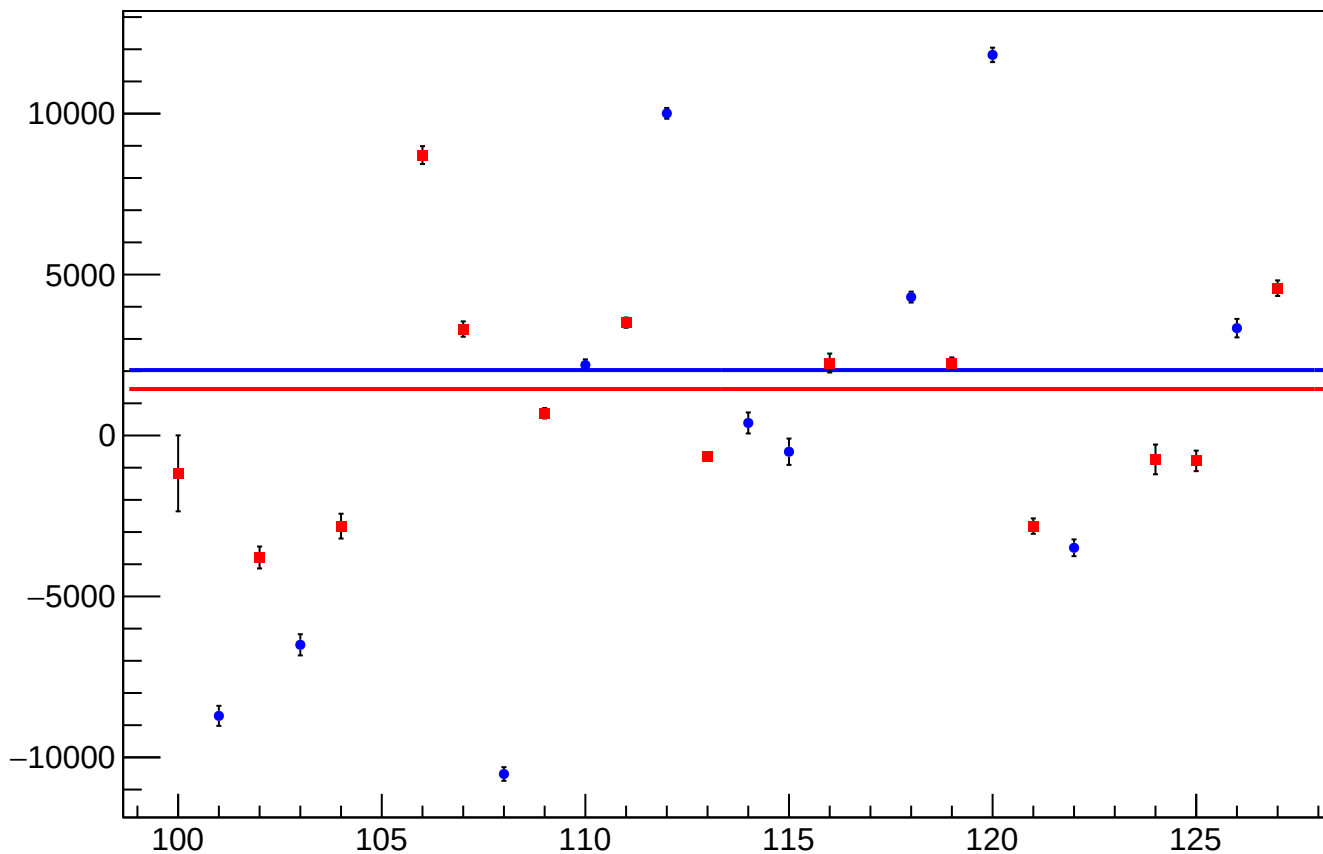
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 98.432+/-0.024 χ^2 /NDF: 1728164.9/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_bpm1i06WS_mean vs Slug



Right In: 2032.635+/-69.459 χ^2/NDF : 10277.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1443.535+/-62.264 χ^2/NDF : 2063.3/13

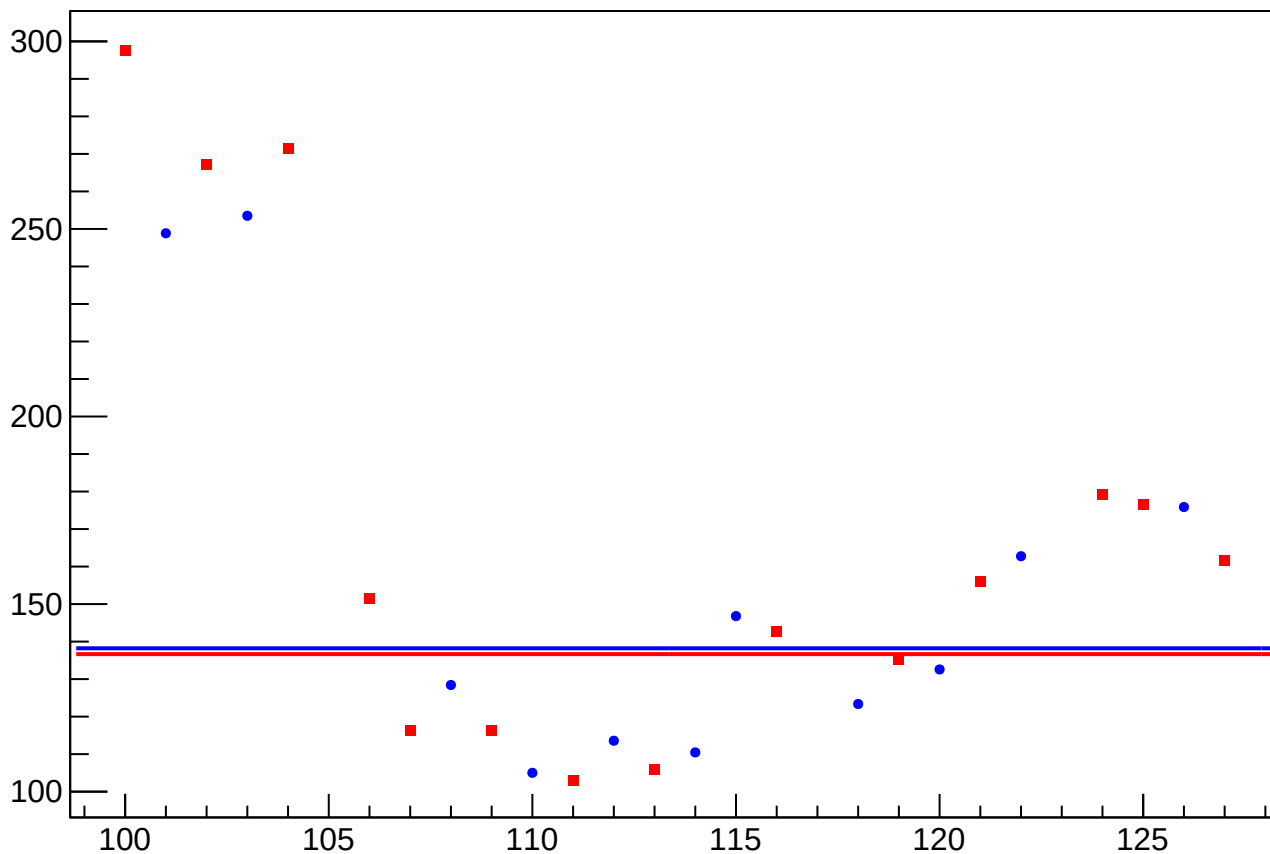
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1706.004+/-46.363 χ^2/NDF : 12380.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm1i06WS_rms vs Slug



Right In: 138.215+/-0.049 χ^2/NDF : 701377.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.659+/-0.044 χ^2/NDF : 875927.0/13

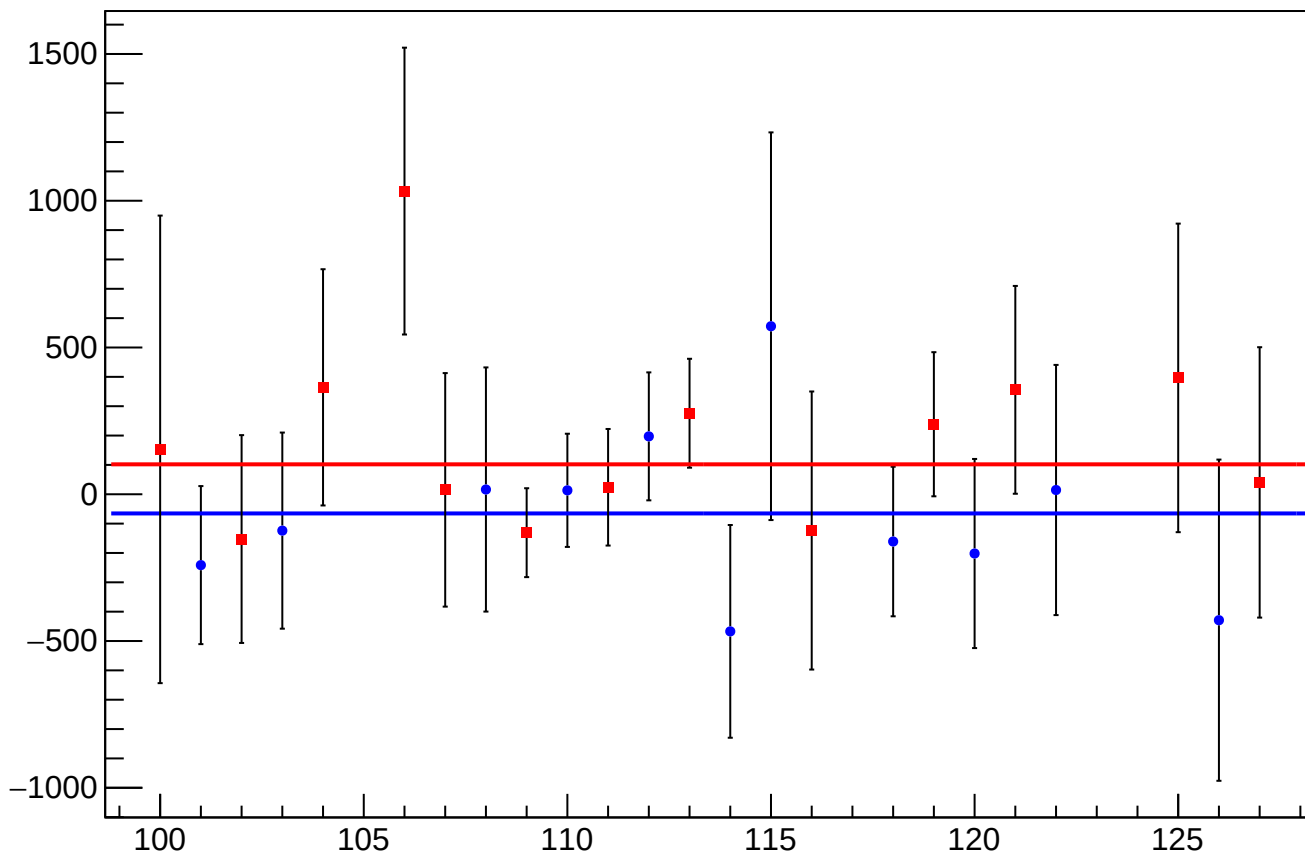
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.352+/-0.033 χ^2/NDF : 1577860.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_2an_us_an_ds_avg_mean vs Slug



Right In: -65.336+/-91.185 χ^2/NDF : 5.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.971+/-78.659 χ^2/NDF : 9.4/12

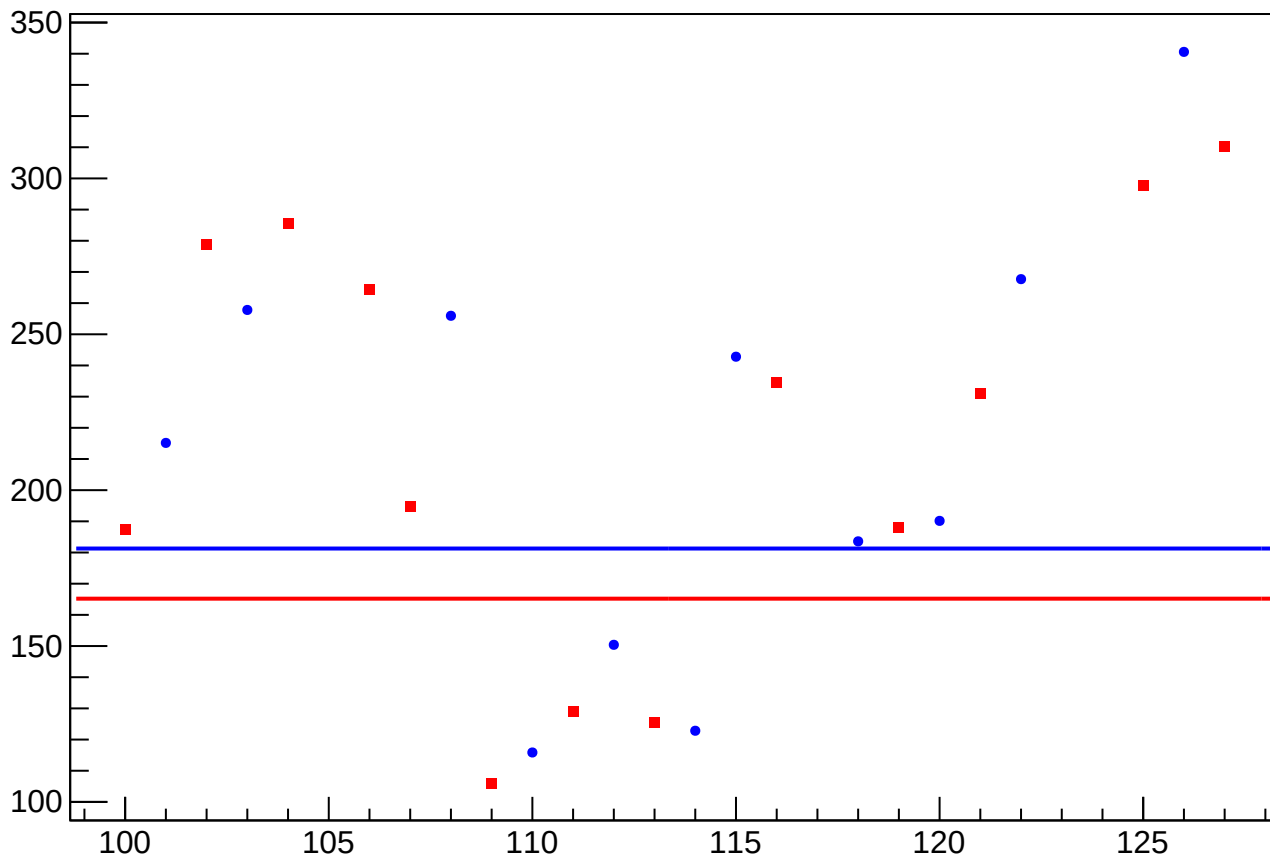
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.589+/-59.561 χ^2/NDF : 16.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_2an_us_an_ds_avg_rms vs Slug



Right In: 181.279+/-0.064 χ^2/NDF : 794283.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.194+/-0.056 χ^2/NDF : 1399260.3/12

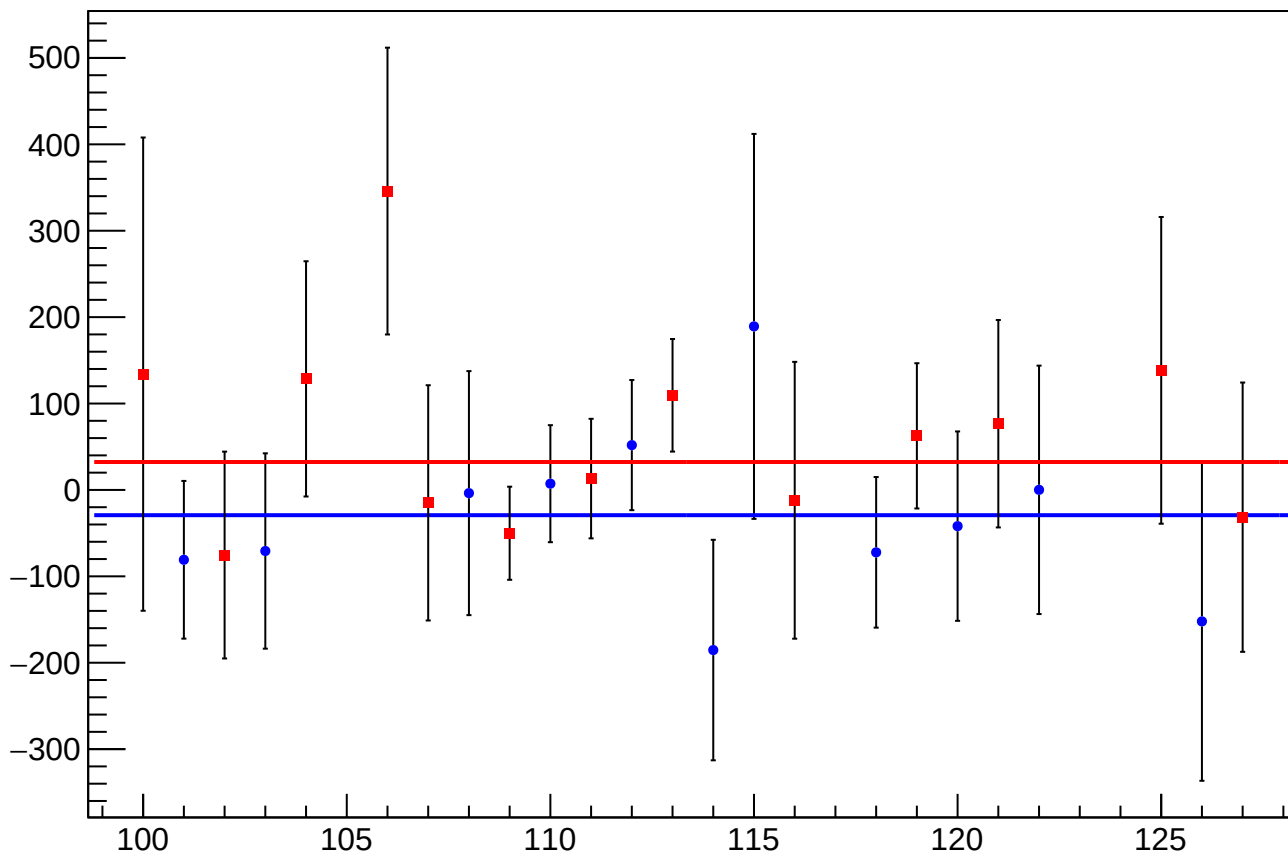
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.057+/-0.042 χ^2/NDF : 2229225.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_2an_us_an_ds_dd_mean vs Slug



Right In: -29.227 $\pm$ 31.358 χ^2 /NDF: 5.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 32.331 $\pm$ 27.328 χ^2 /NDF: 9.8/12

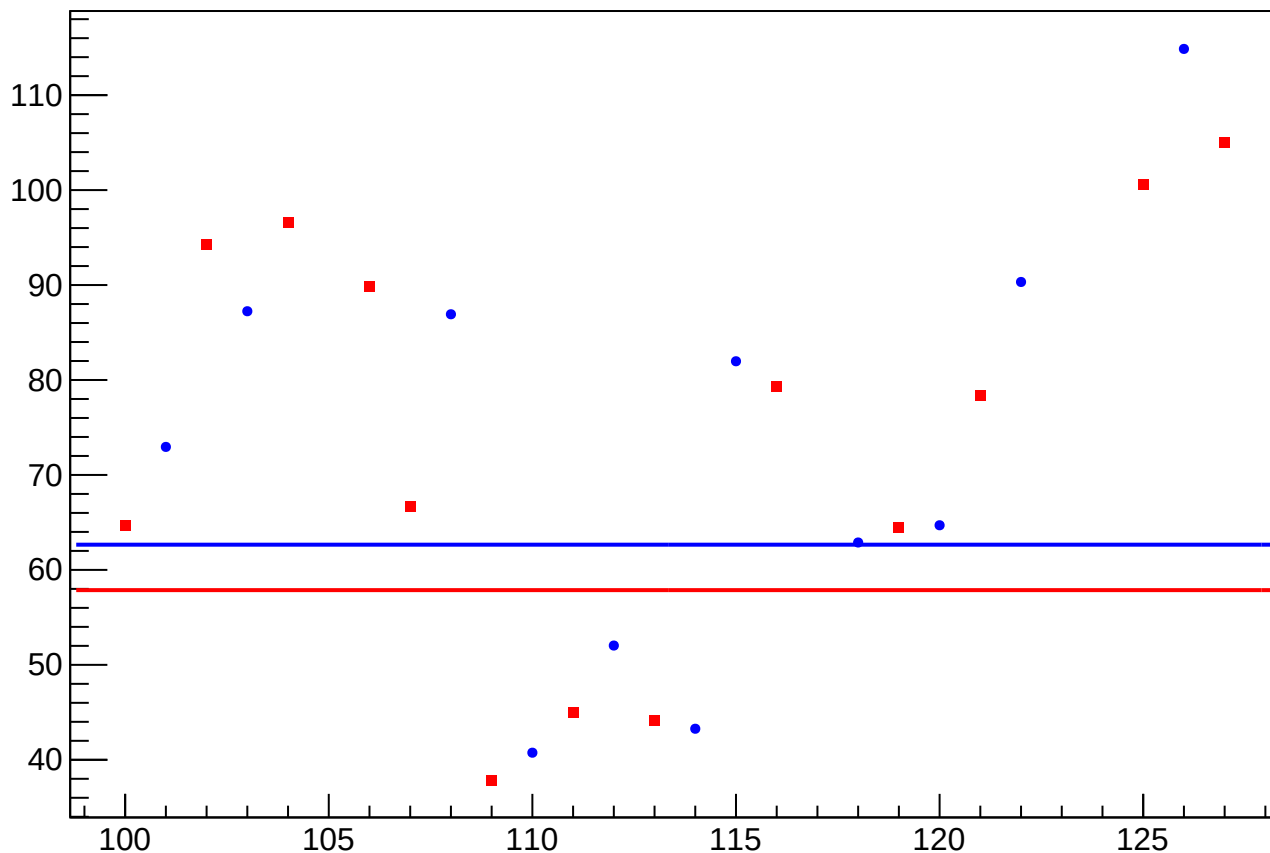
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5.760 $\pm$ 20.602 χ^2 /NDF: 17.2/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_2an_us_an_ds_dd_rms vs Slug



Right In: 62.656+/-0.022 χ^2/NDF : 724306.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.869+/-0.019 χ^2/NDF : 1271635.2/12

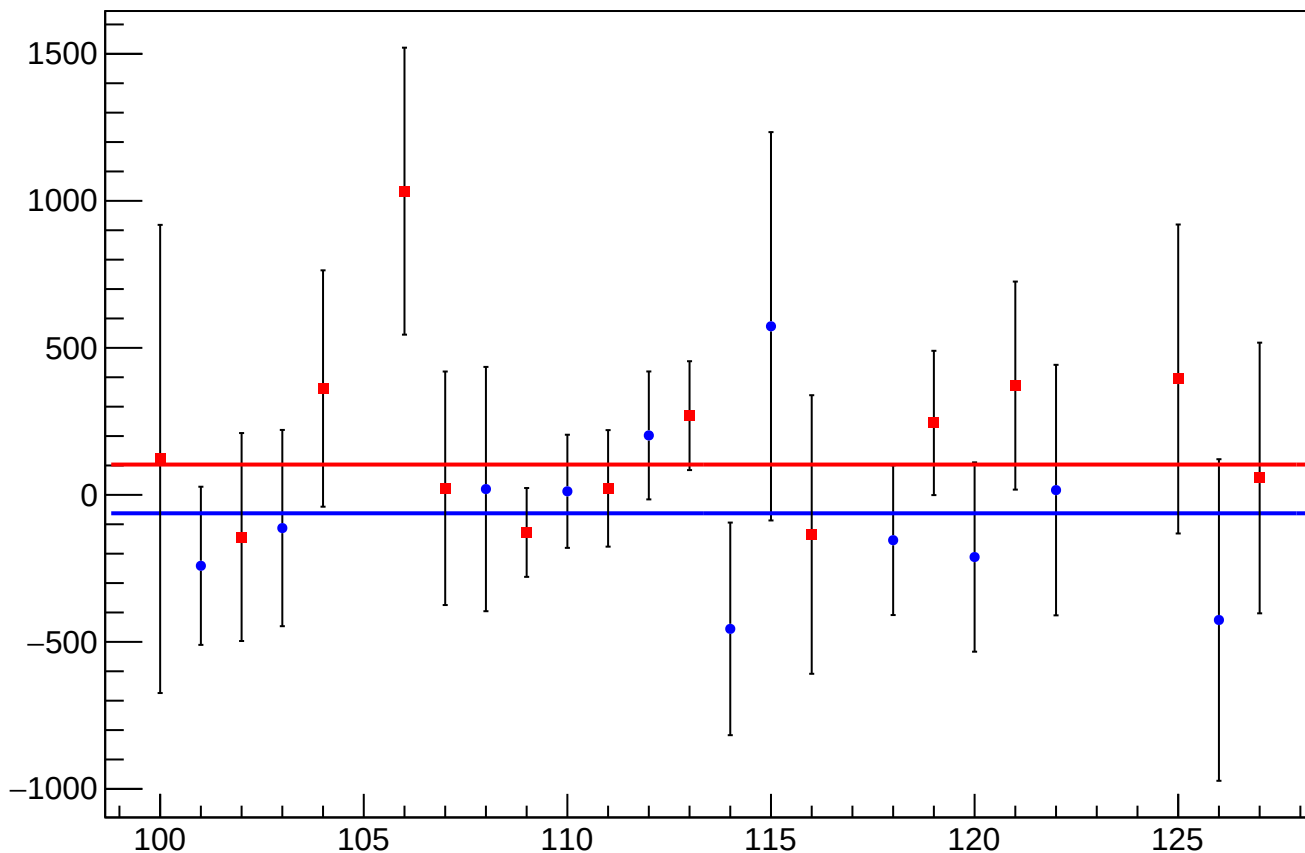
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.935+/-0.015 χ^2/NDF : 2022421.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_an_ds_avg_mean vs Slug



Right In: -62.653+/-91.061 χ^2/NDF : 5.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.111+/-78.530 χ^2/NDF : 9.4/12

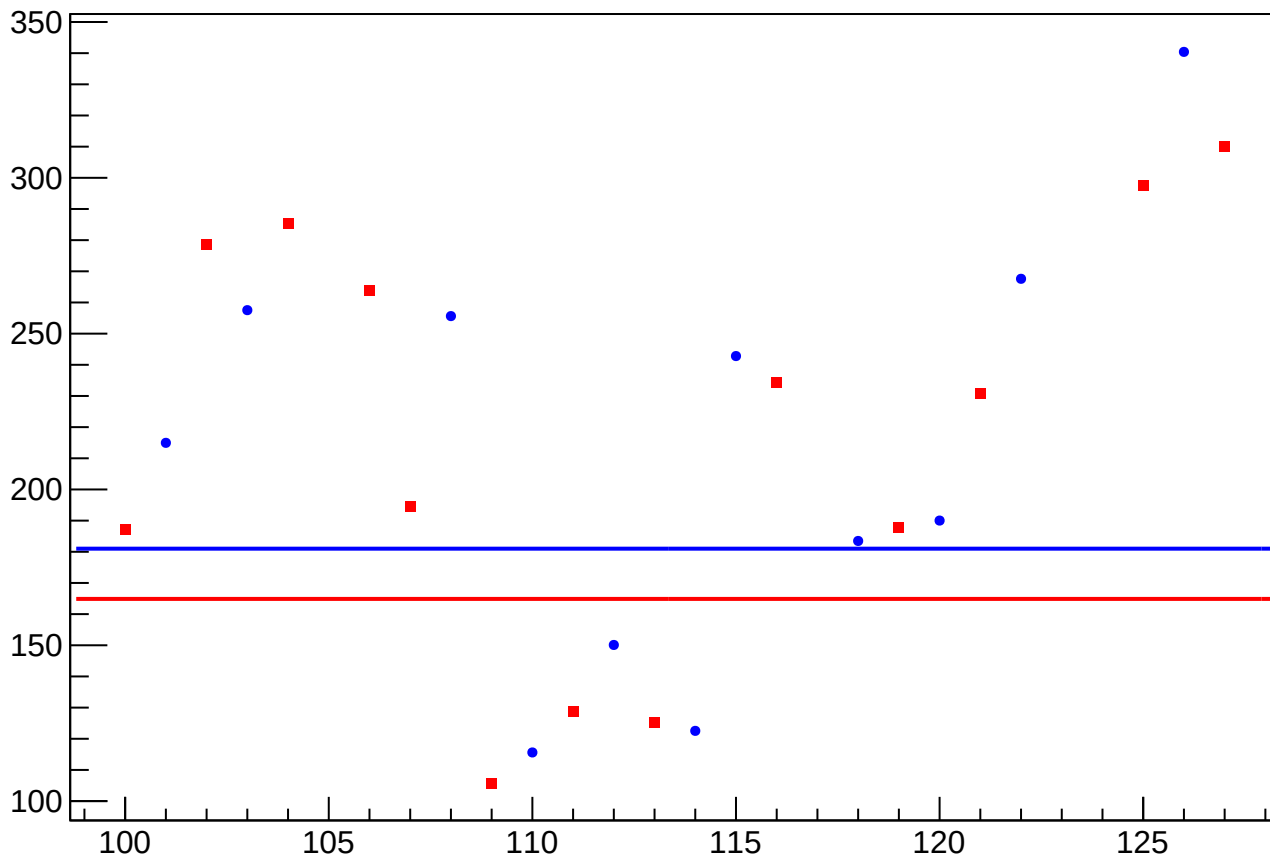
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.411+/-59.470 χ^2/NDF : 16.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_an_ds_avg_rms vs Slug



Right In: 181.000+/-0.064 χ^2/NDF : 797049.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 164.880+/-0.056 χ^2/NDF : 1403651.5/12

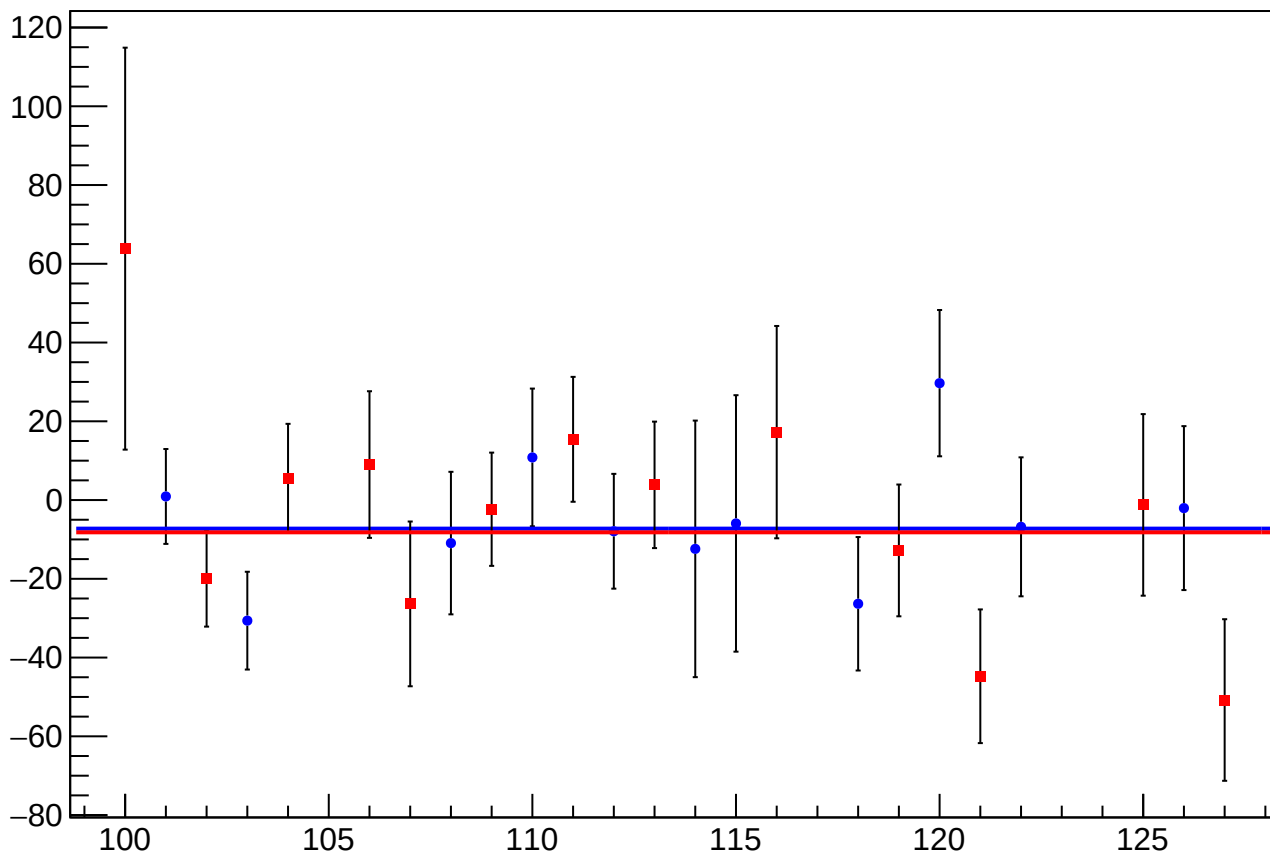
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.755+/-0.042 χ^2/NDF : 2236645.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_an_ds_dd_mean vs Slug



Right In: -7.258+/-5.117 χ^2/NDF : 10.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.195+/-4.822 χ^2/NDF : 18.5/12

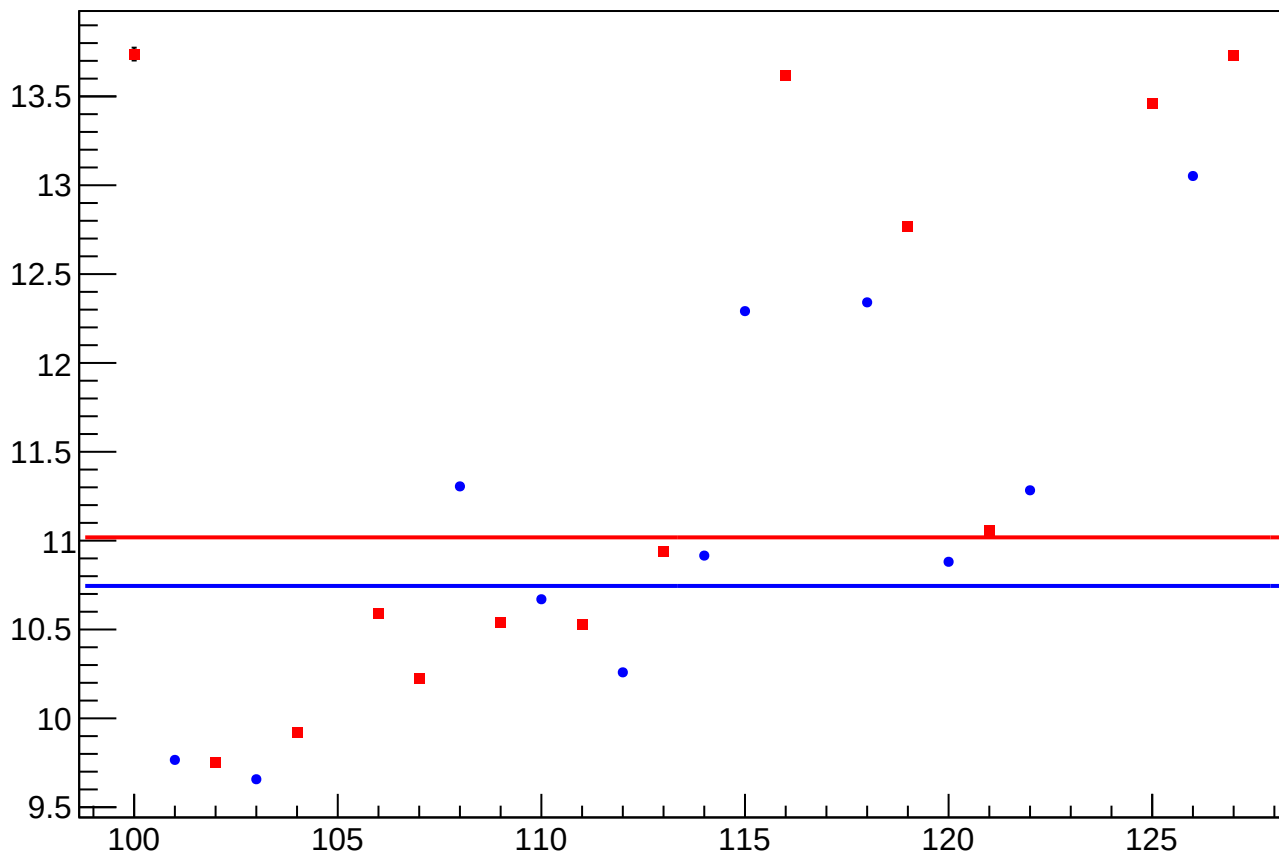
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.754+/-3.509 χ^2/NDF : 29.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_an_ds_dd_rms vs Slug



Right In: 10.745+/-0.004 χ^2/NDF : 81567.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.018+/-0.003 χ^2/NDF : 146256.1/12

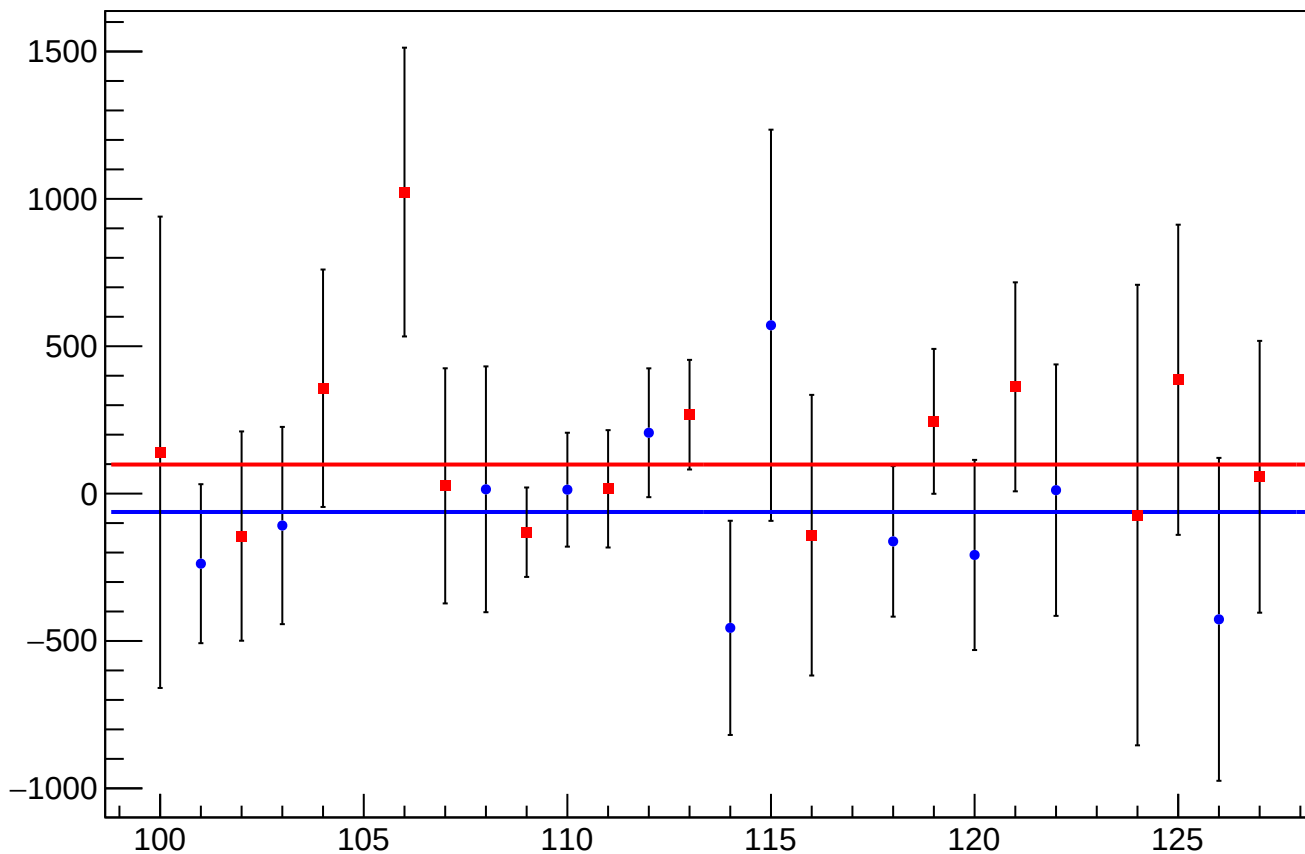
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.890+/-0.002 χ^2/NDF : 230845.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_an_ds3_avg_mean vs Slug



Right In: -62.369+/-91.379 χ^2 /NDF: 5.1/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 98.624+/-78.430 χ^2 /NDF: 9.3/13

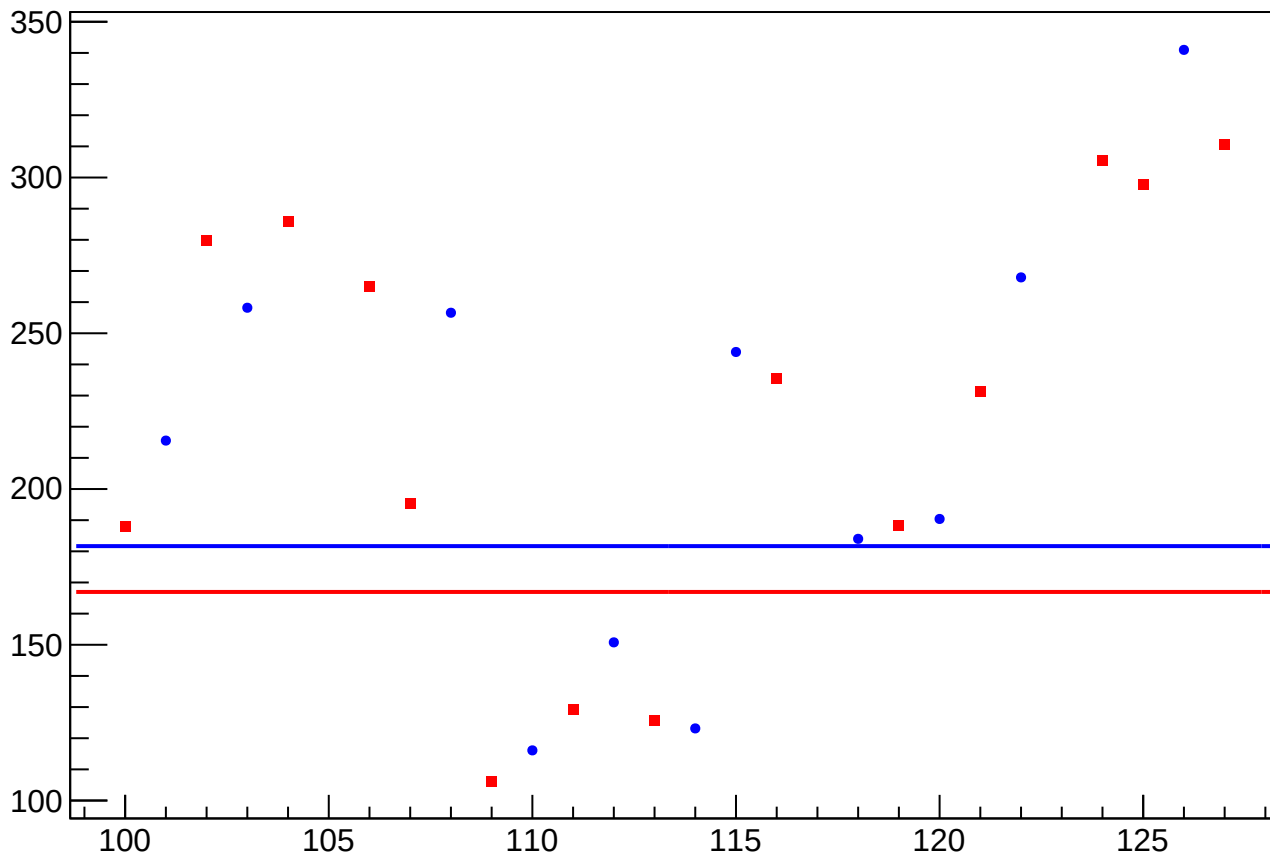
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 30.333+/-59.514 χ^2 /NDF: 16.1/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_an_ds3_avg_rms vs Slug



Right In: 181.672+/-0.065 χ^2/NDF : 793061.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 166.961+/-0.055 χ^2/NDF : 1461917.1/13

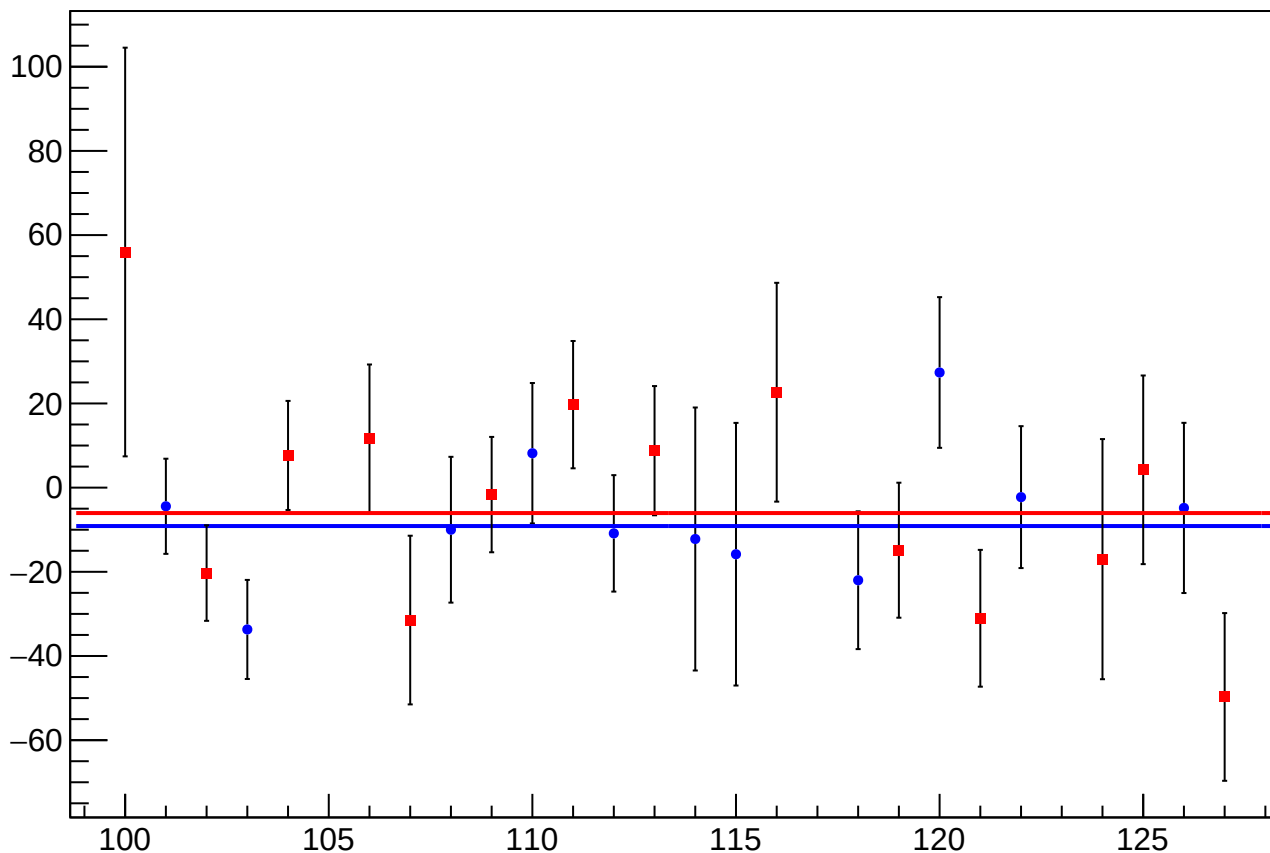
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.201+/-0.042 χ^2/NDF : 2284826.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_an_ds3_dd_mean vs Slug



Right In: -9.127 $\pm$ 4.875 χ^2 /NDF: 10.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -6.041 $\pm$ 4.532 χ^2 /NDF: 19.9/13

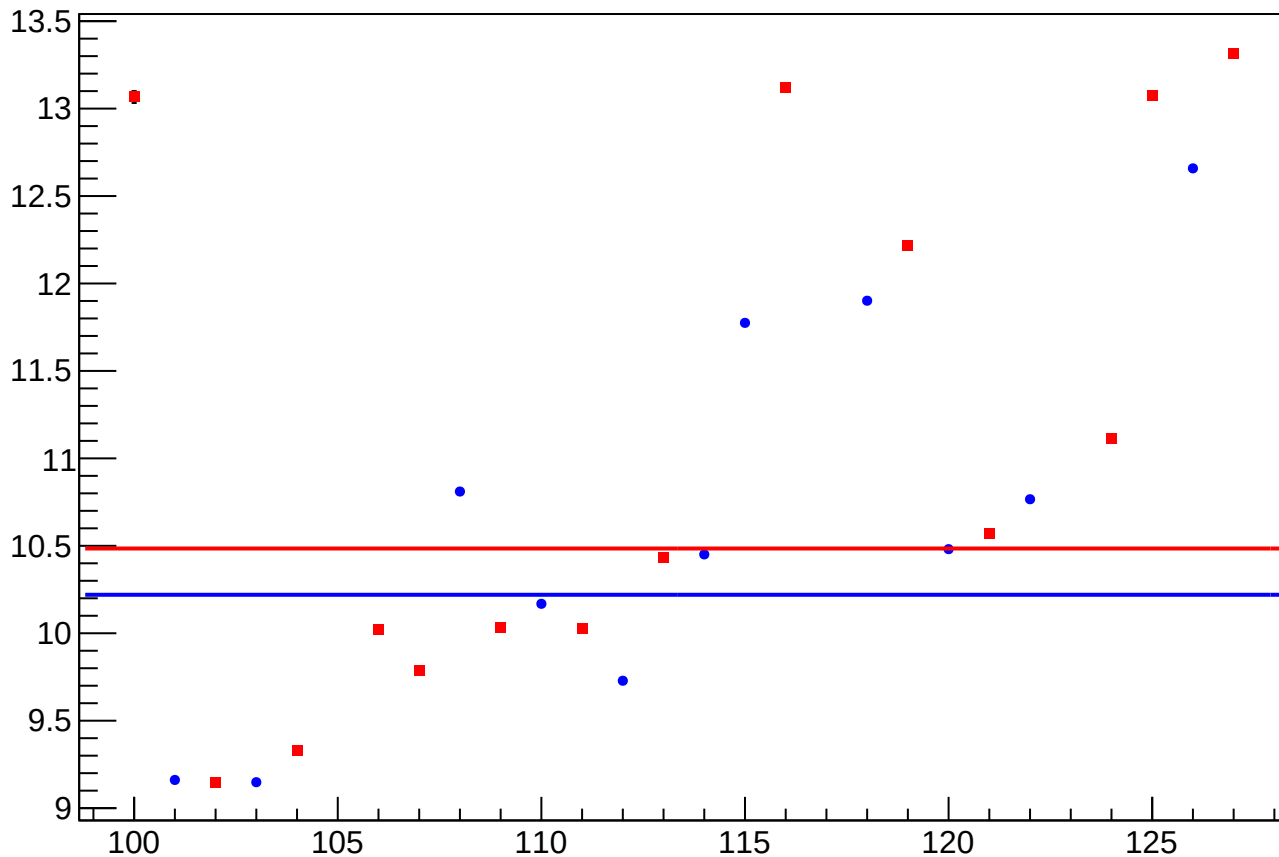
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -7.471 $\pm$ 3.319 χ^2 /NDF: 30.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_an_ds3_dd_rms vs Slug



Right In: 10.220+/-0.003 χ^2/NDF : 96808.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.485+/-0.003 χ^2/NDF : 169216.2/13

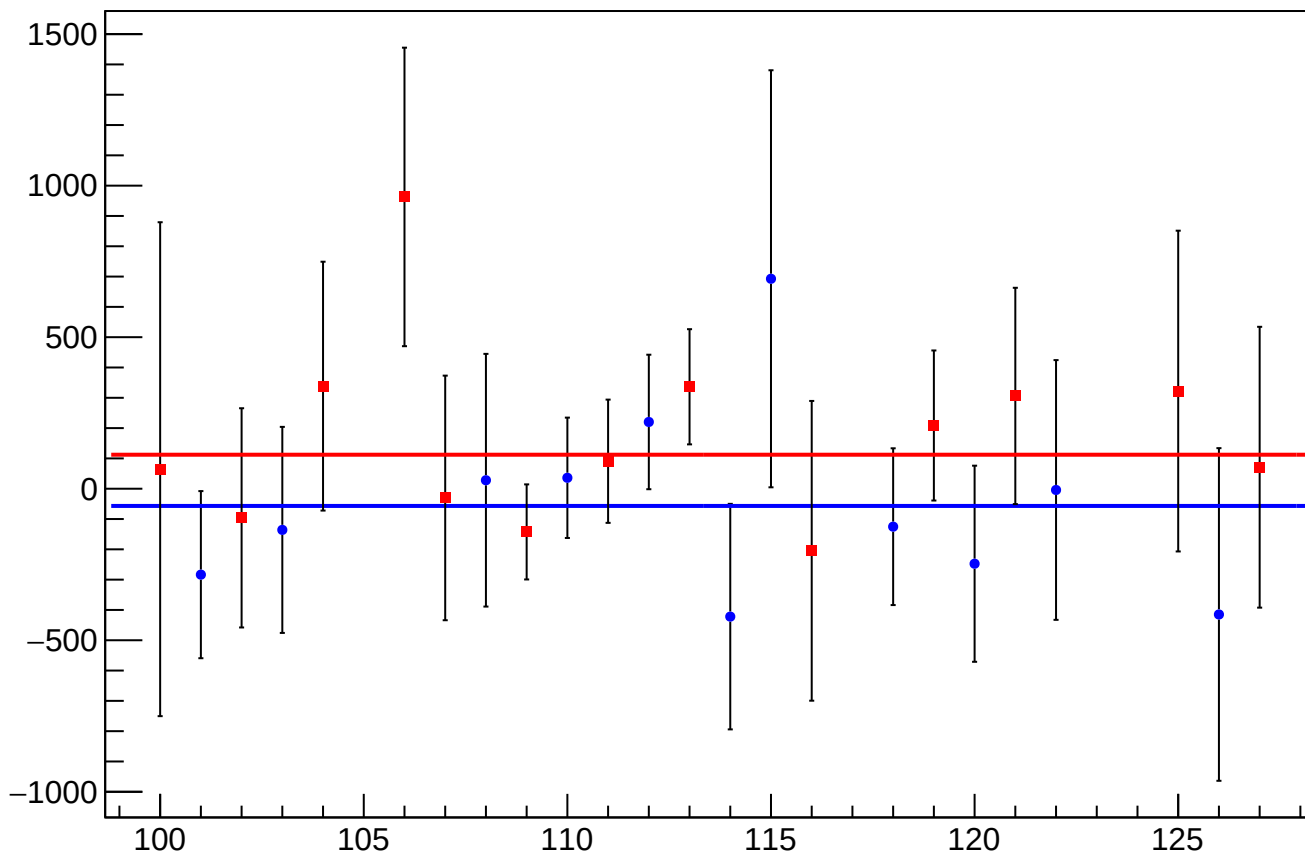
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.362+/-0.002 χ^2/NDF : 269184.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_dg_ds_avg_mean vs Slug



Right In: -56.806 $\pm$ 92.915 χ^2 /NDF: 5.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 112.197 $\pm$ 80.491 χ^2 /NDF: 8.8/12

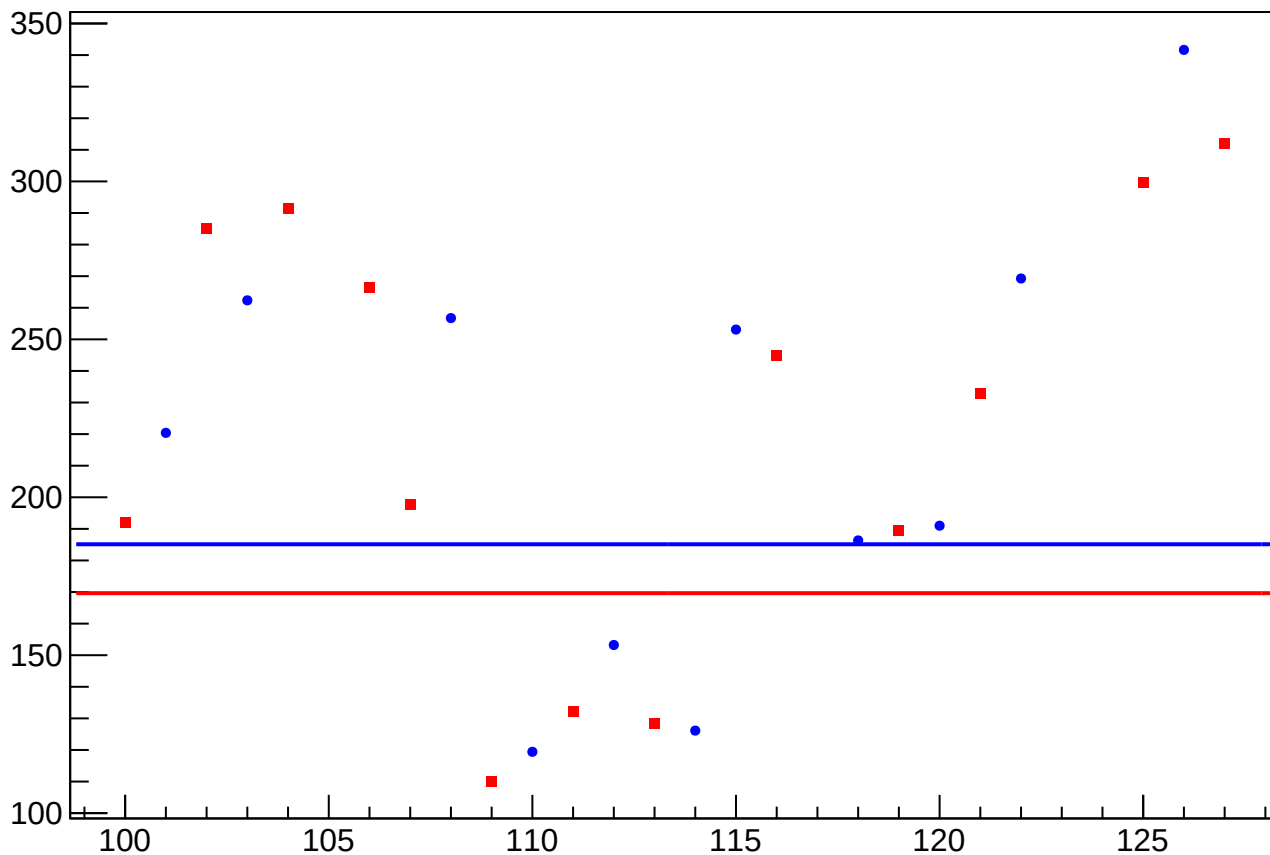
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.742 $\pm$ 60.838 χ^2 /NDF: 16.3/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_dg_ds_avg_rms vs Slug



Right In: 185.124+/-0.066 χ^2/NDF : 765522.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.639+/-0.057 χ^2/NDF : 1350095.0/12

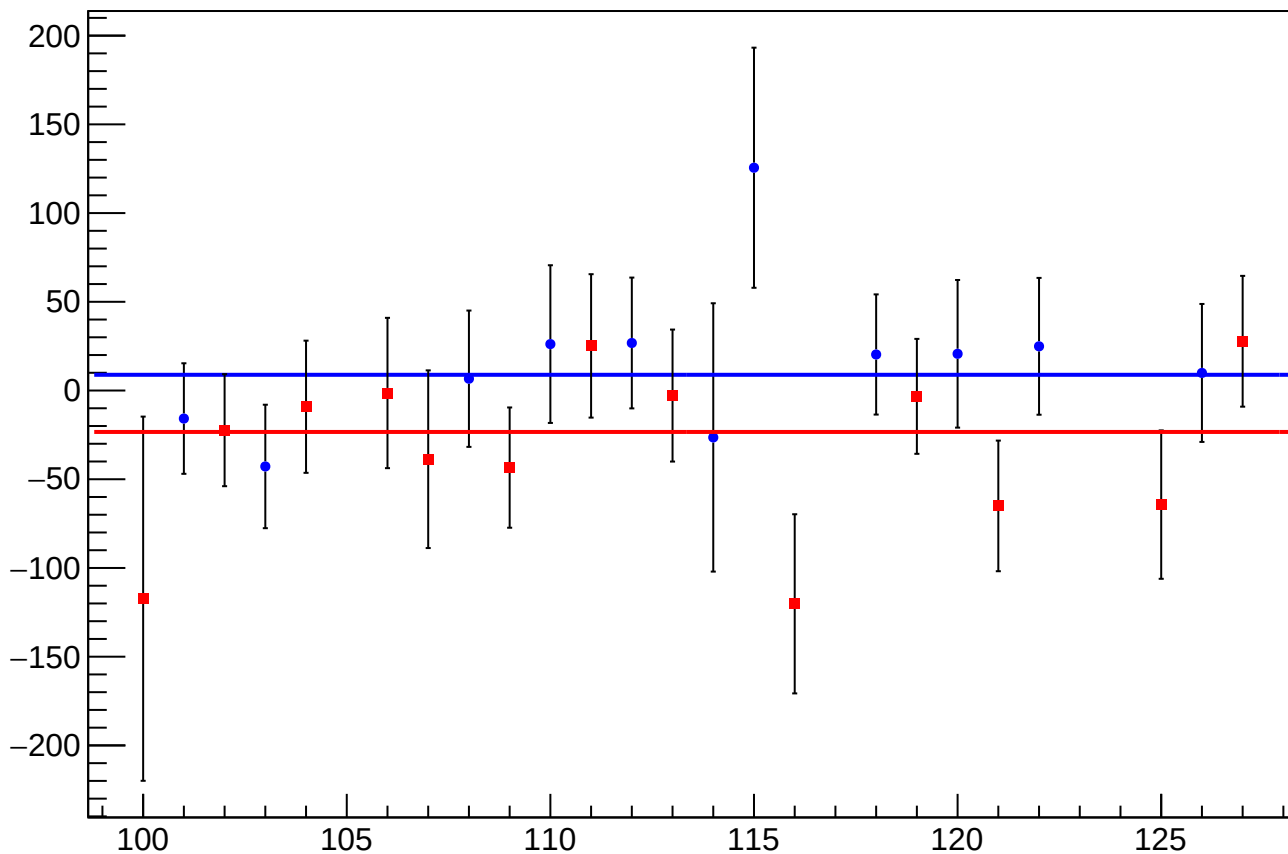
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 176.277+/-0.043 χ^2/NDF : 2147351.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_dg_ds_dd_mean vs Slug



Right In: 8.864+/-11.991 χ^2/NDF : 6.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -23.347+/-10.928 χ^2/NDF : 11.7/12

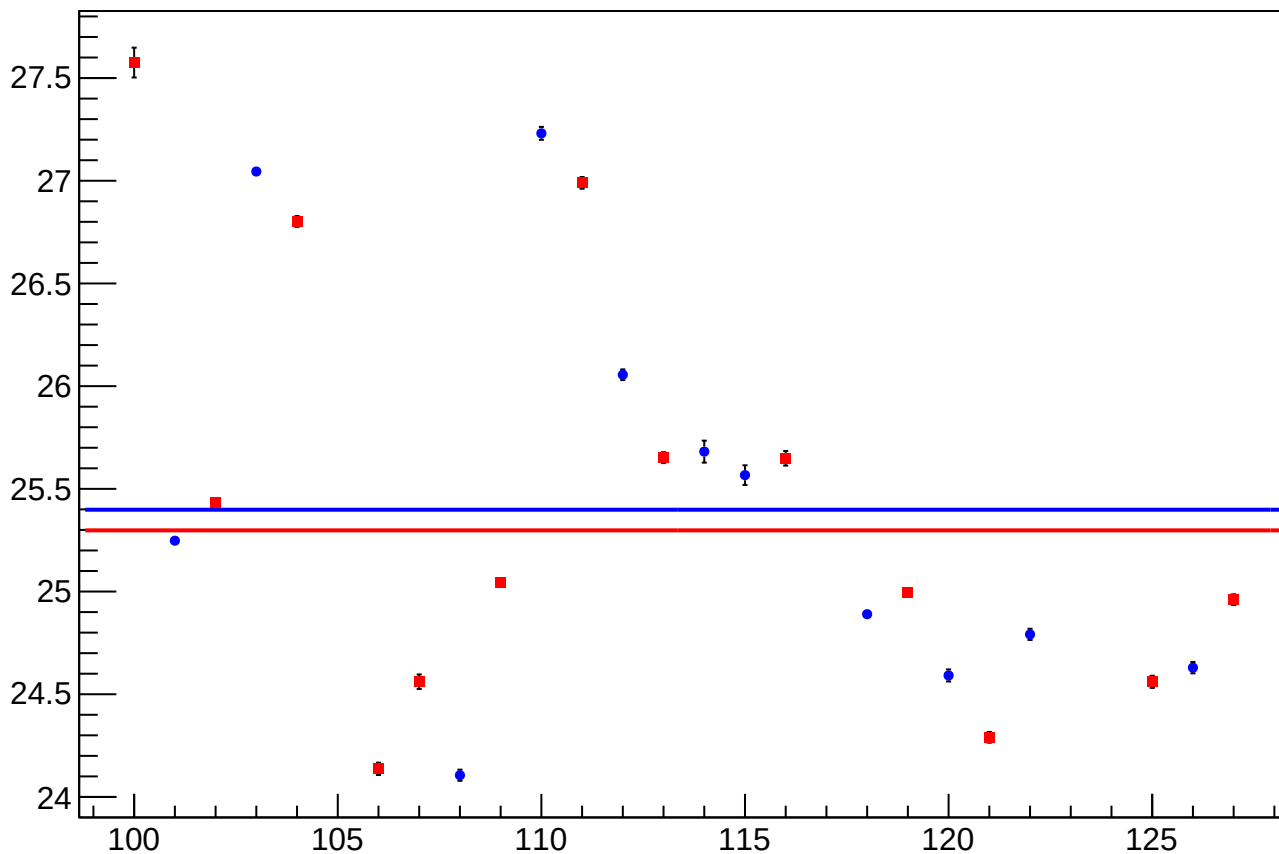
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.733+/-8.077 χ^2/NDF : 22.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_dg_ds_dd_rms vs Slug



Right In: 25.398+/-0.008 χ^2/NDF : 13349.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.298+/-0.008 χ^2/NDF : 12577.7/12

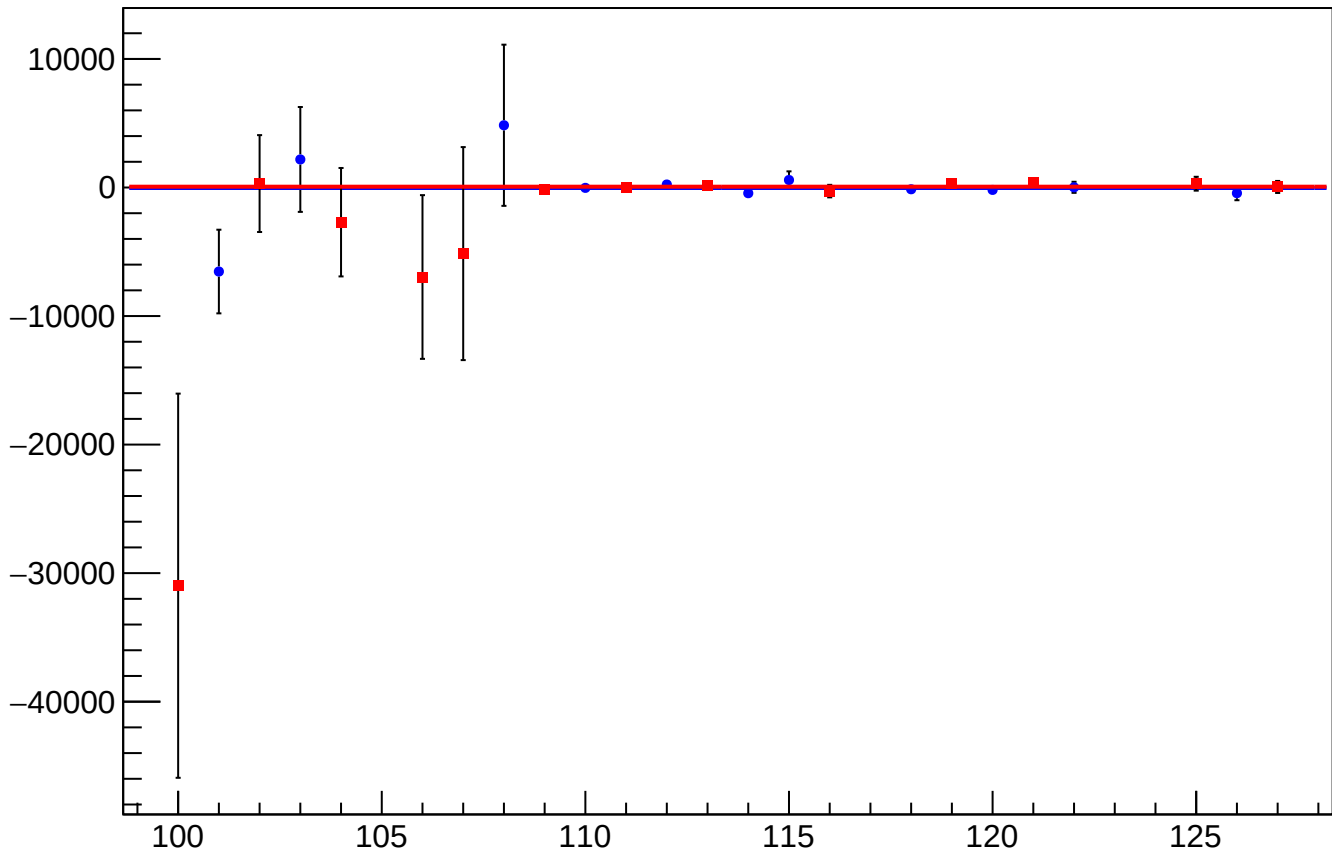
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.343+/-0.006 χ^2/NDF : 26004.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_an_ds_avg_mean vs Slug



Right In: -37.565+/-105.191 χ^2/NDF : 9.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.683+/-94.086 χ^2/NDF : 10.4/12

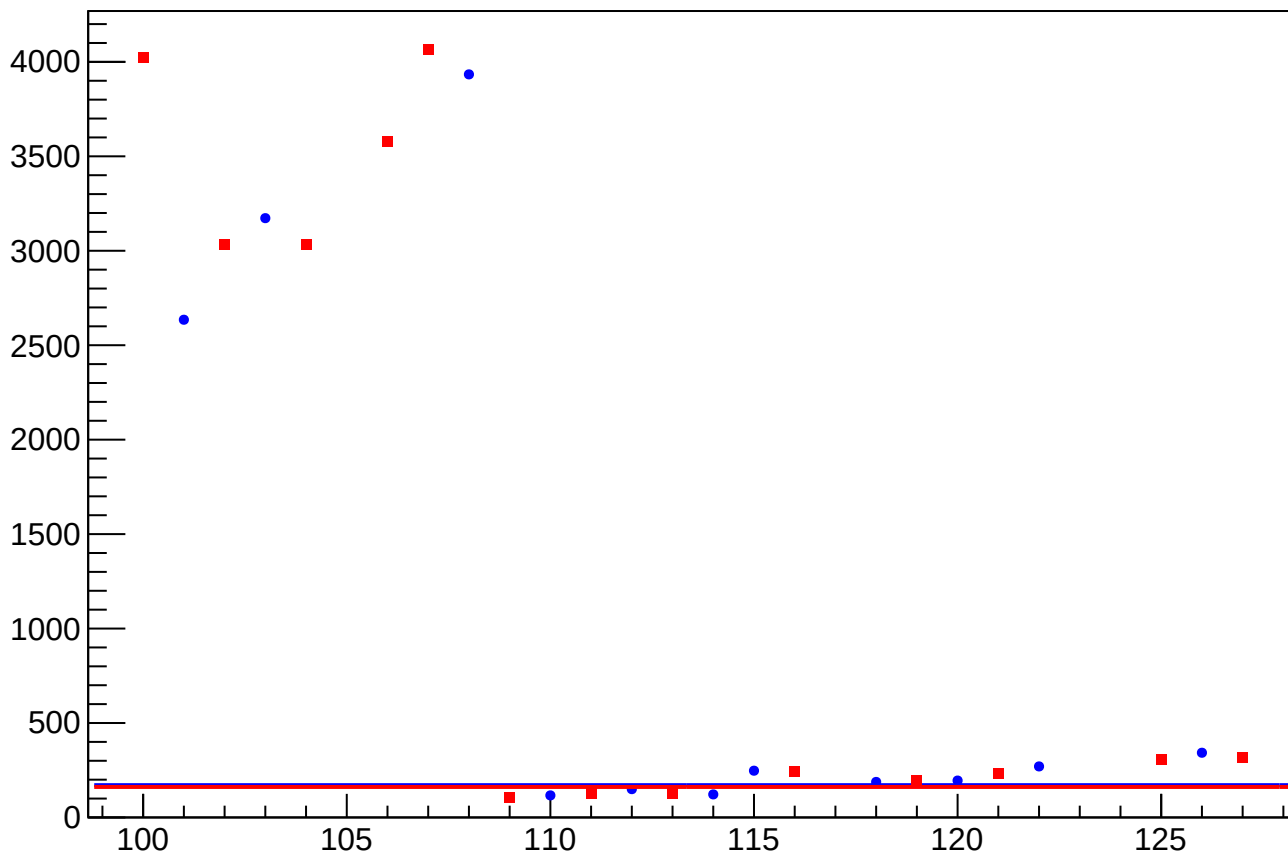
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.128+/-70.128 χ^2/NDF : 20.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_an_ds_avg_rms vs Slug



Right In: 170.909+/-0.074 χ^2/NDF : 3507503.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 161.528+/-0.067 χ^2/NDF : 4039635.7/12

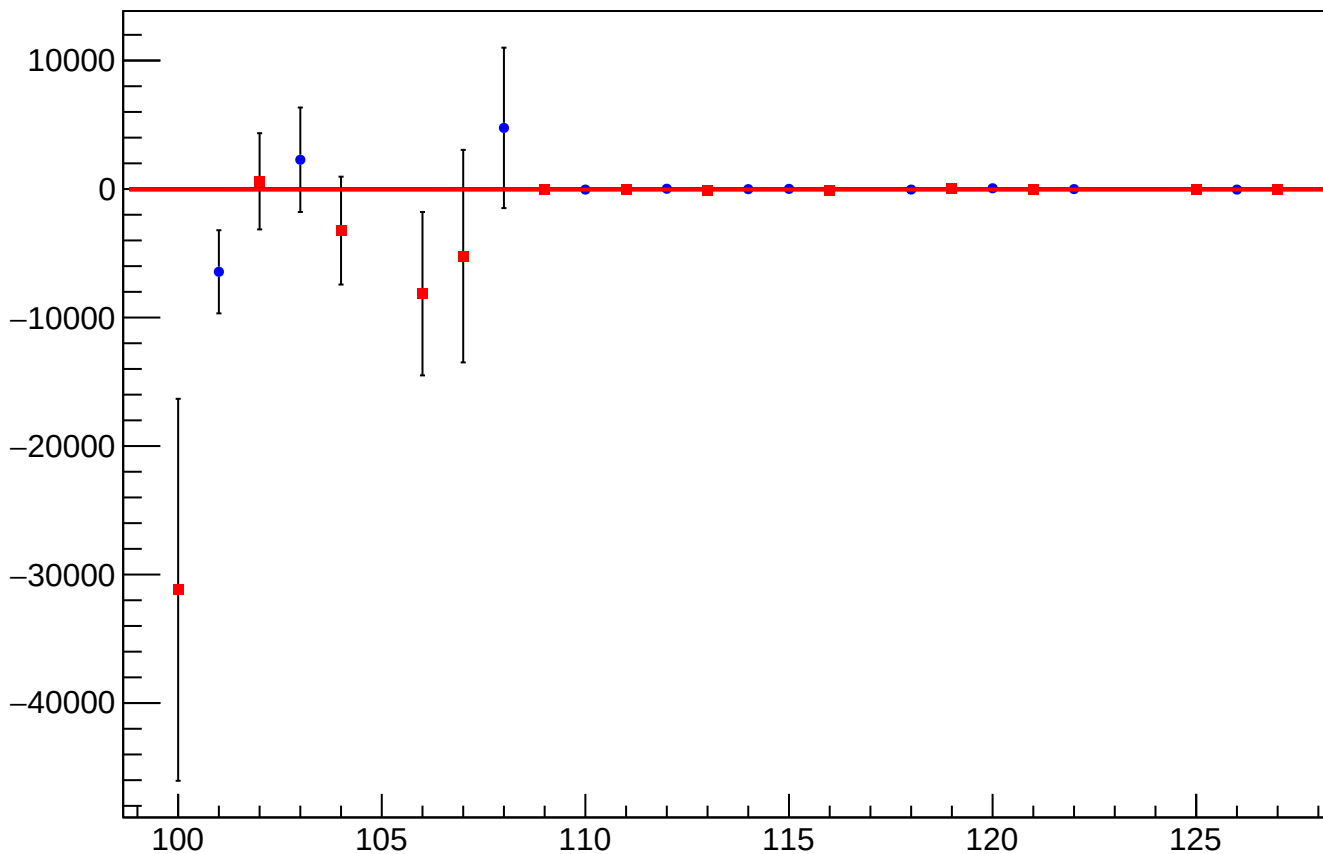
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.697+/-0.050 χ^2/NDF : 7555976.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_an_ds_dd_mean vs Slug



Right In: -8.501+/-16.392 χ^2/NDF : 9.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -41.999+/-15.505 χ^2/NDF : 16.5/12

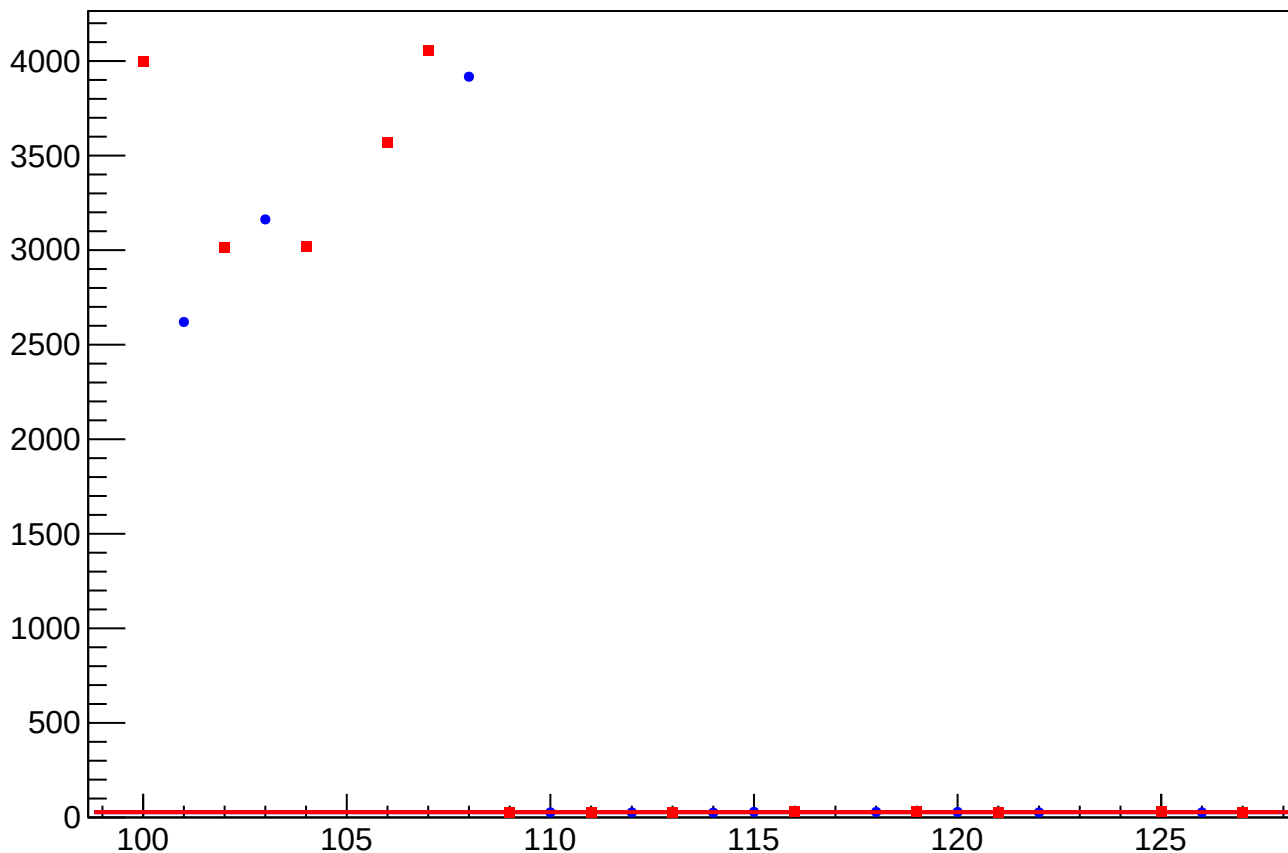
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.180+/-11.264 χ^2/NDF : 28.2/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_an_ds_dd_rms vs Slug



Right In: 27.720+/-0.012 χ^2/NDF : 3259658.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.165+/-0.011 χ^2/NDF : 3553652.2/12

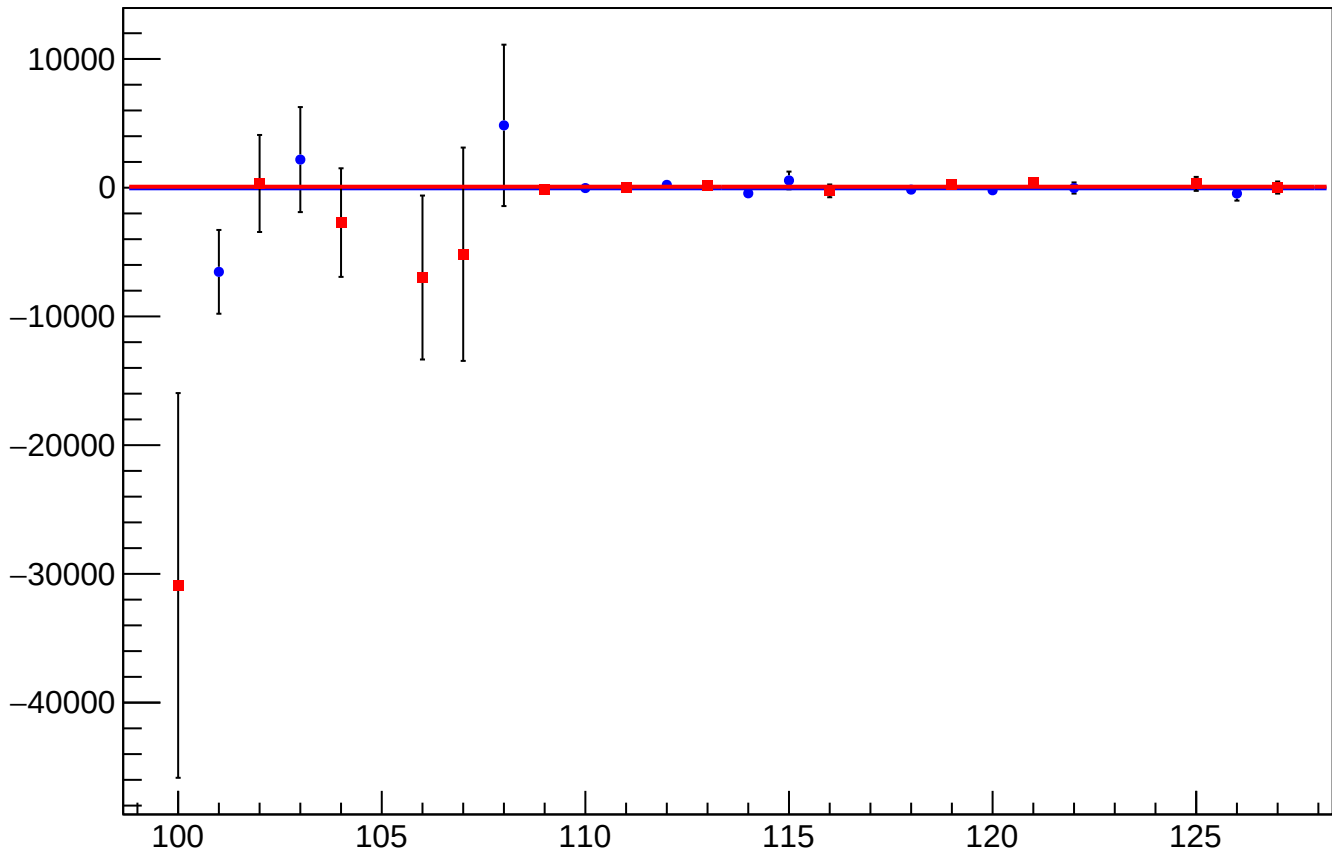
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.955+/-0.008 χ^2/NDF : 6814090.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_dg_ds_avg_mean vs Slug



Right In: -46.606 $\pm$ 106.083 χ^2 /NDF: 9.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 75.712 $\pm$ 94.951 χ^2 /NDF: 10.1/12

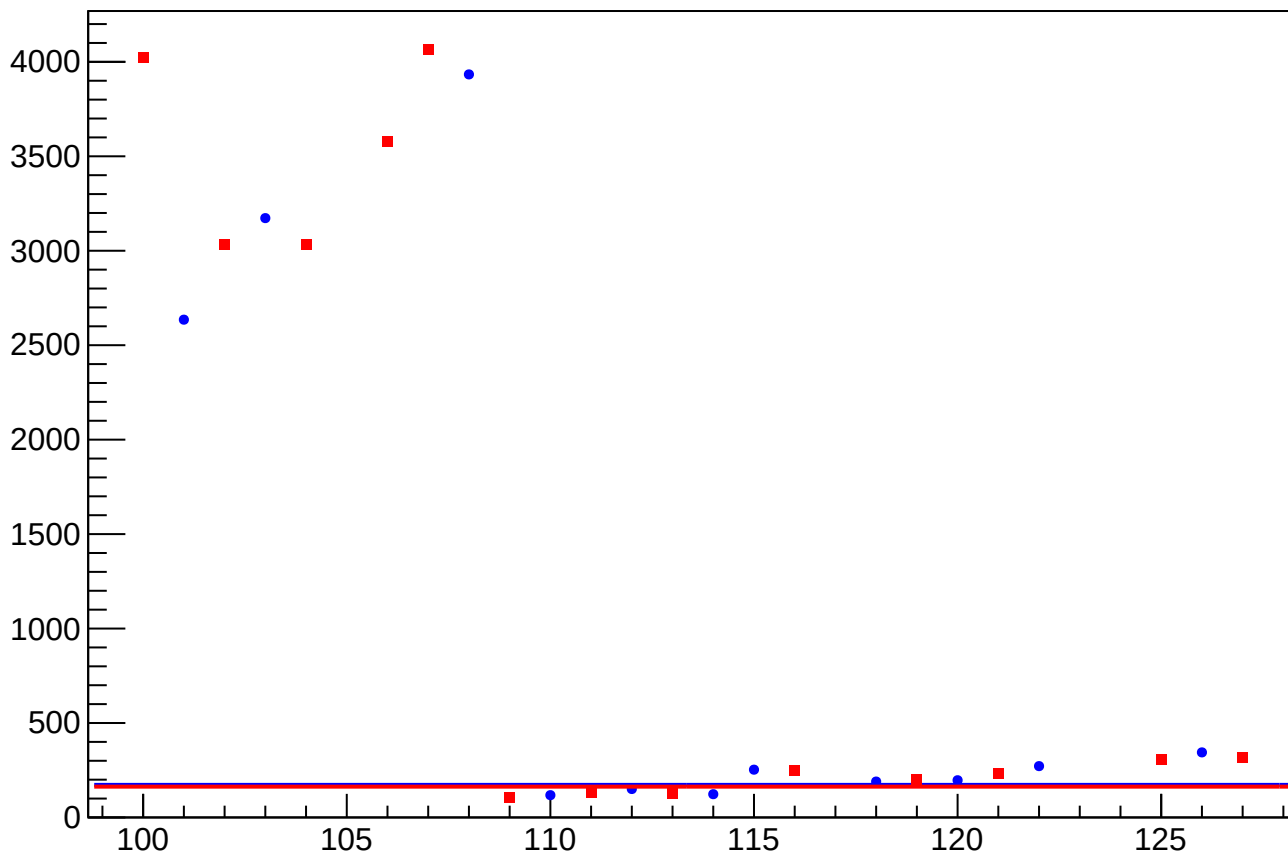
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.306 $\pm$ 70.750 χ^2 /NDF: 20.1/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_dg_ds_avg_rms vs Slug



Right In: 172.445+/-0.075 χ^2/NDF : 3503519.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 163.120+/-0.067 χ^2/NDF : 4035395.6/12

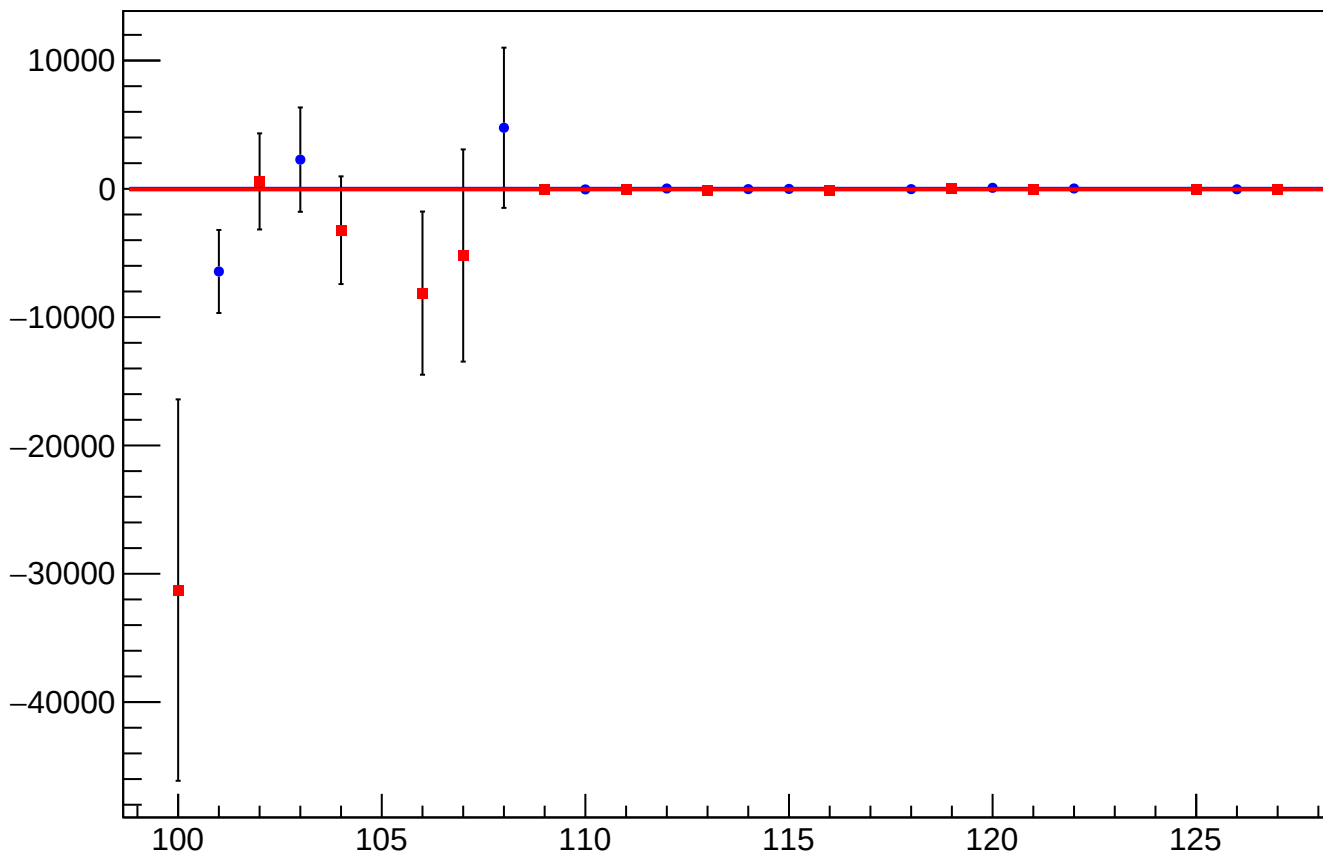
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.268+/-0.050 χ^2/NDF : 7547496.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_dg_ds_dd_mean vs Slug



Right In: 2.315+/-18.295 χ^2 /NDF: 9.5/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -42.886+/-17.194 χ^2 /NDF: 20.0/12

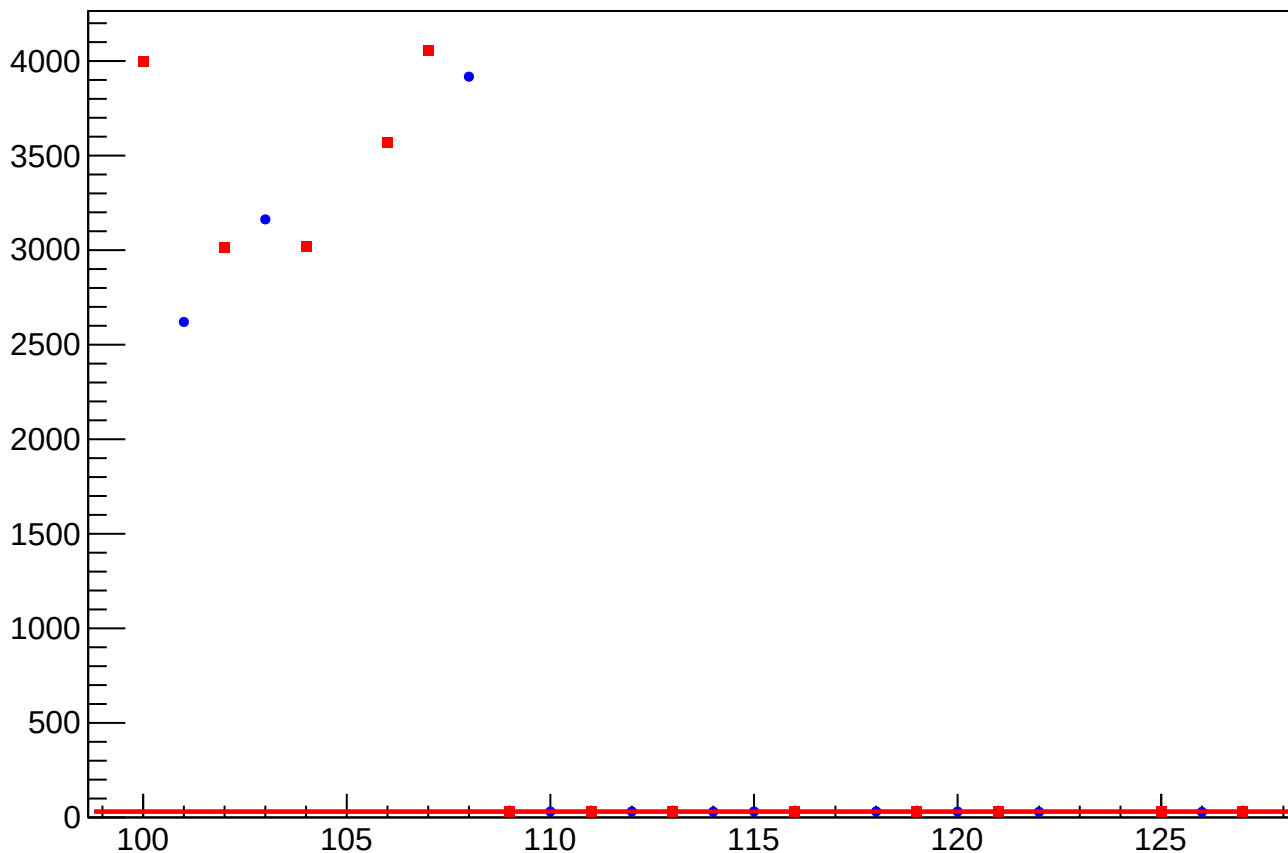
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -21.687+/-12.529 χ^2 /NDF: 32.8/23

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_dg_ds_dd_rms vs Slug



Right In: 30.983+/-0.013 χ^2/NDF : 3247506.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.302+/-0.012 χ^2/NDF : 3529793.1/12

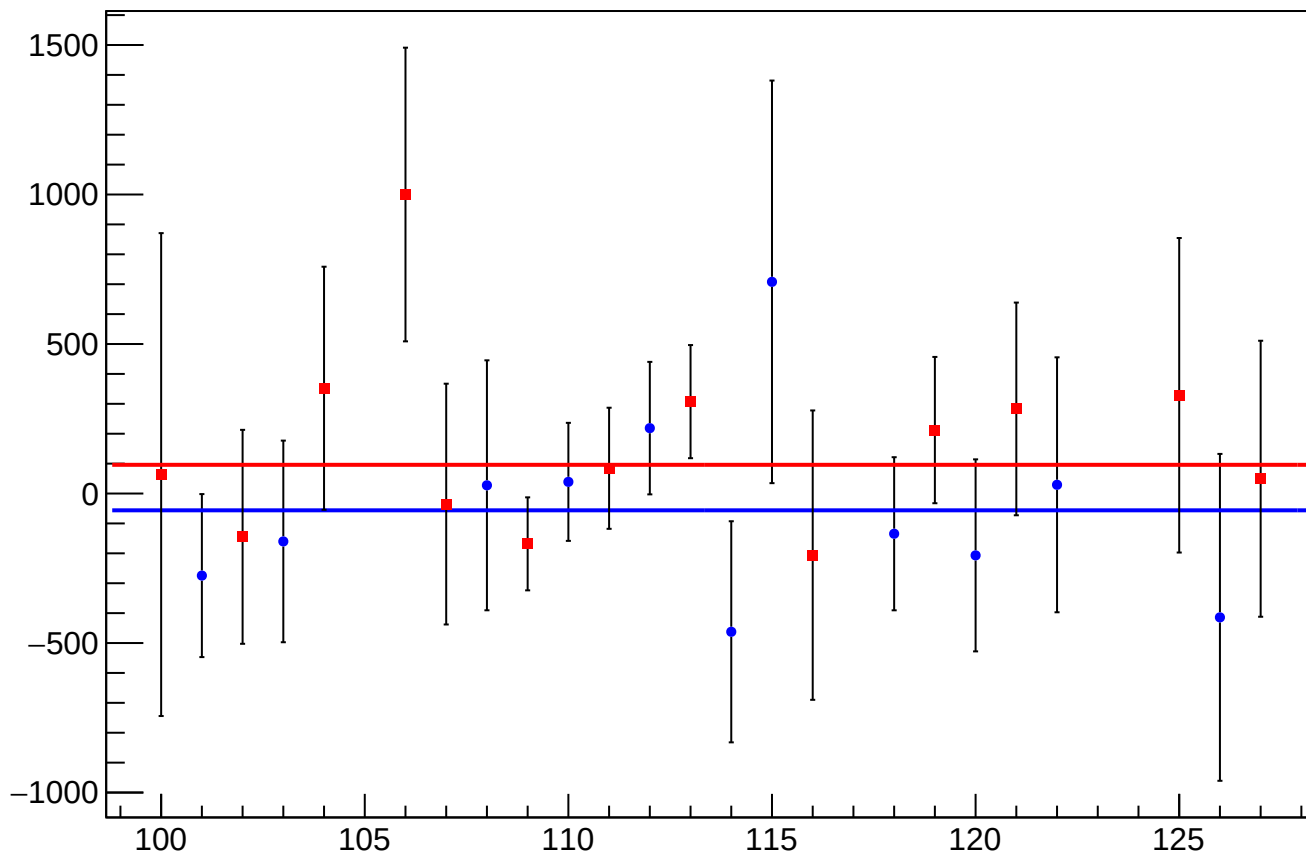
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.152+/-0.009 χ^2/NDF : 6777622.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_an_us_avg_mean vs Slug



Right In: -56.178+/-92.310 χ^2/NDF : 5.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.012+/-79.913 χ^2/NDF : 9.6/12

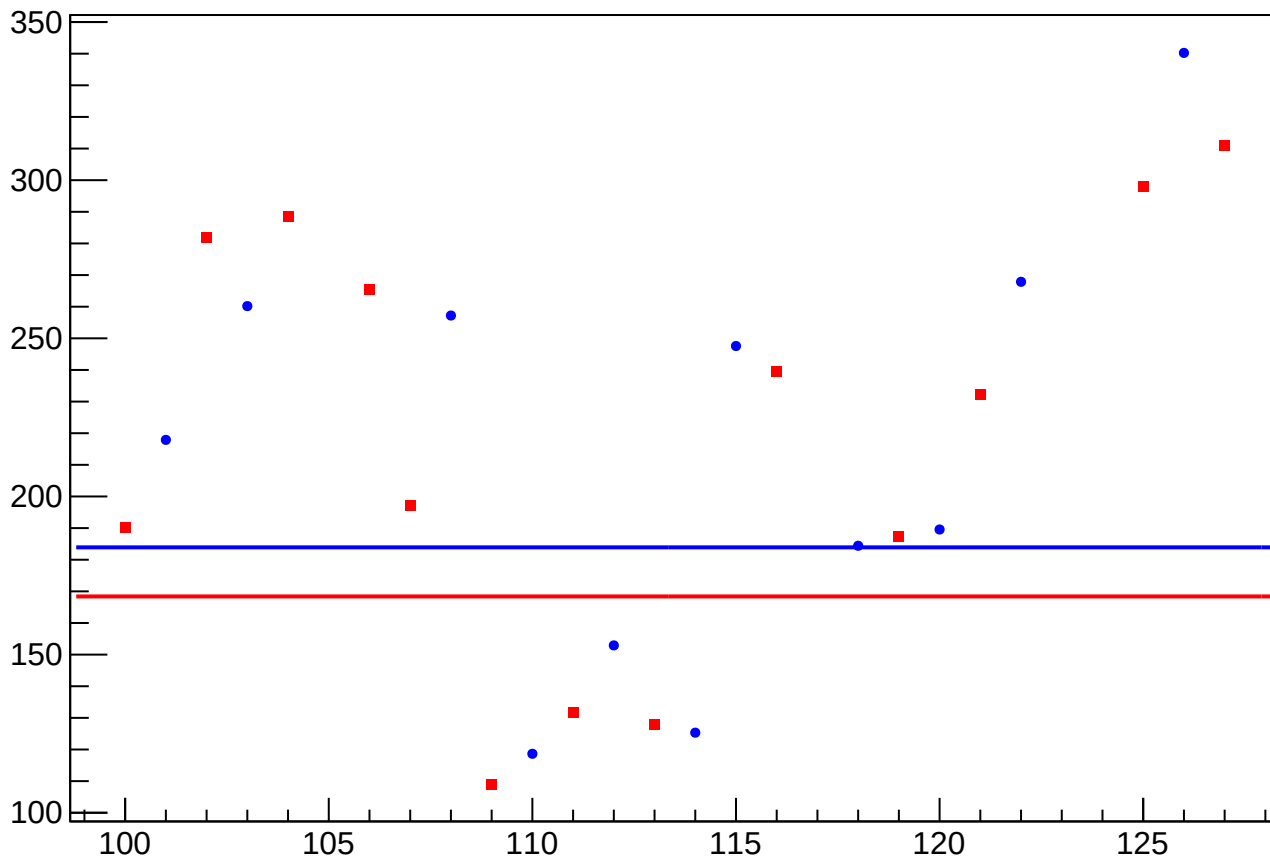
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.815+/-60.418 χ^2/NDF : 17.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_an_us_avg_rms vs Slug



Right In: 183.912+/-0.065 χ^2/NDF : 762752.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 168.390+/-0.057 χ^2/NDF : 1346673.8/12

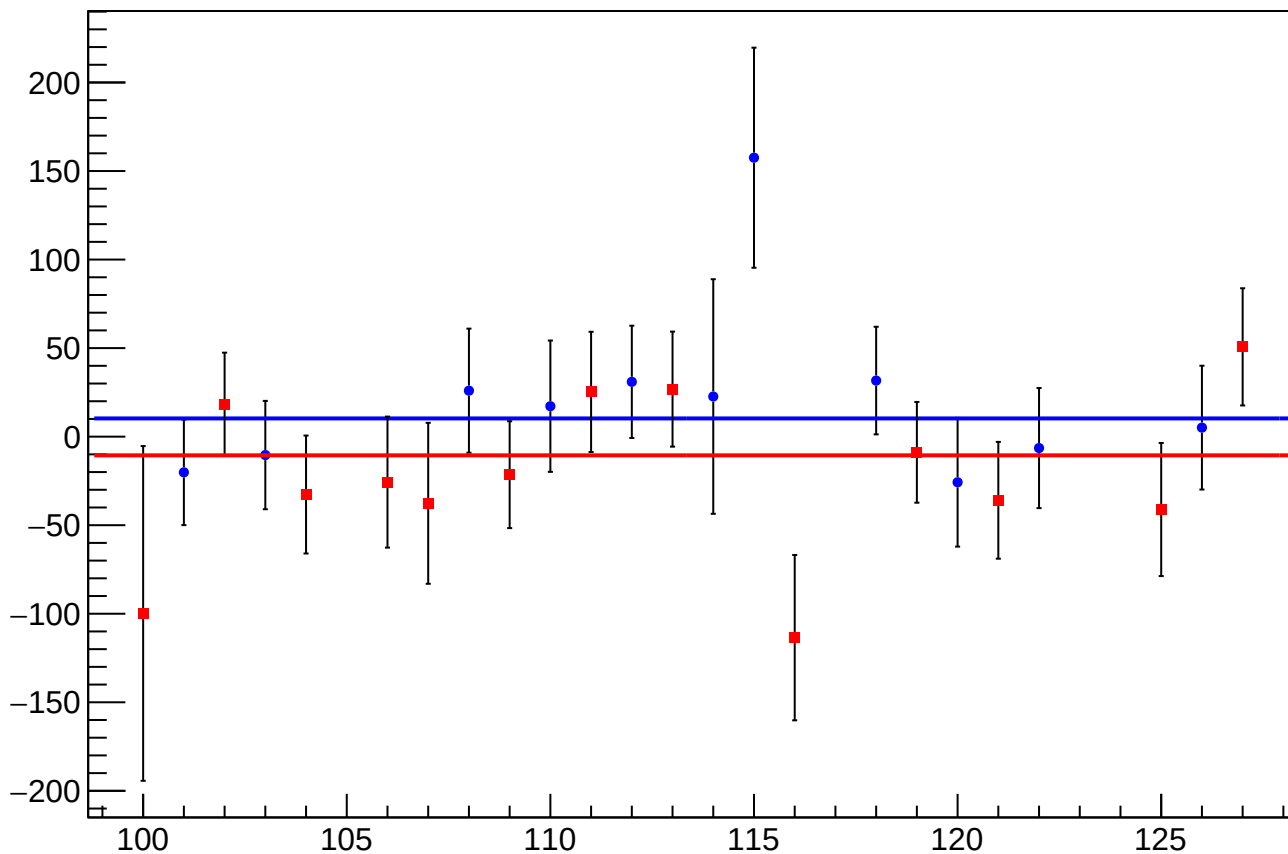
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.040+/-0.043 χ^2/NDF : 2141748.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_an_us_dd_mean vs Slug



Right In: 10.287+/-10.692 χ^2/NDF : 9.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.549+/-9.736 χ^2/NDF : 14.9/12

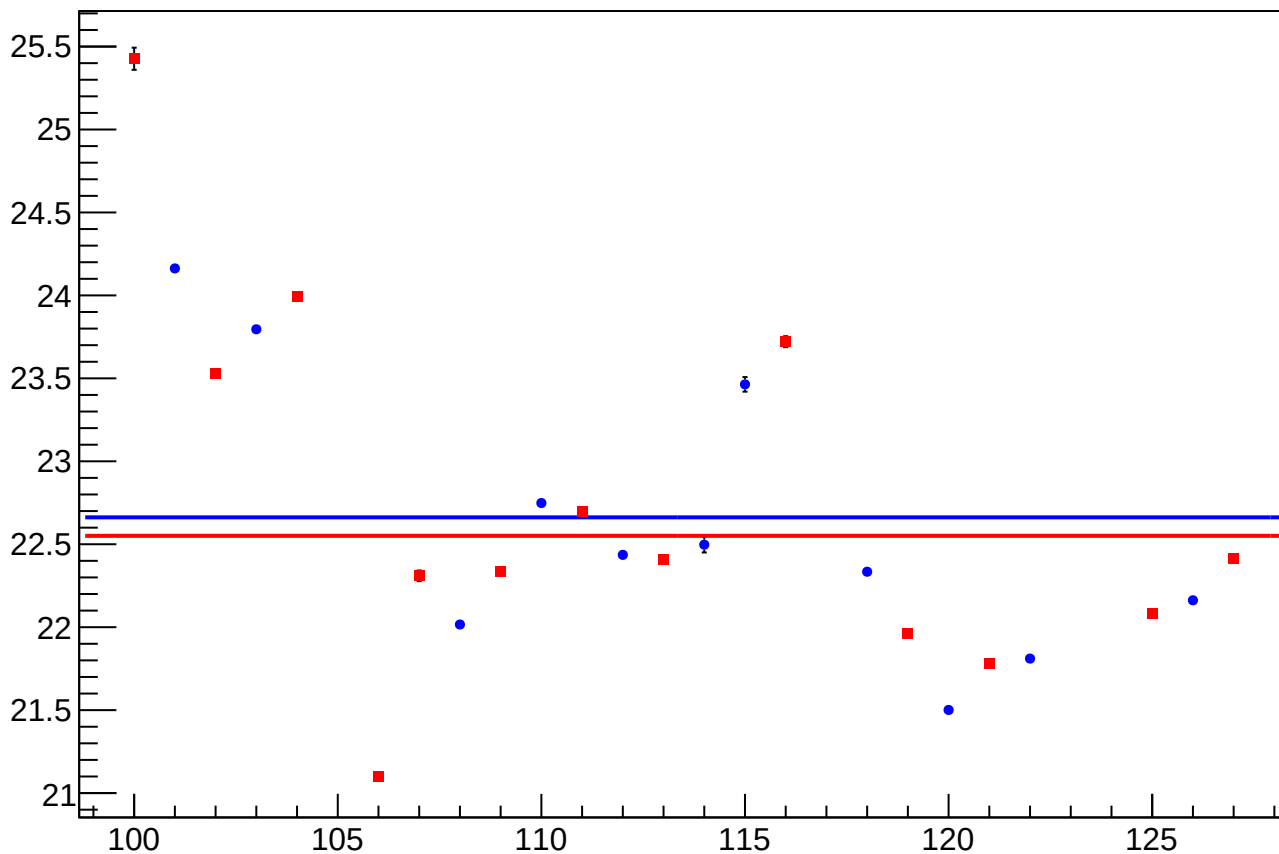
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.104+/-7.199 χ^2/NDF : 26.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_an_us_dd_rms vs Slug



Right In: 22.662 $\pm$ 0.008 χ^2 /NDF: 12900.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.551 $\pm$ 0.007 χ^2 /NDF: 14696.6/12

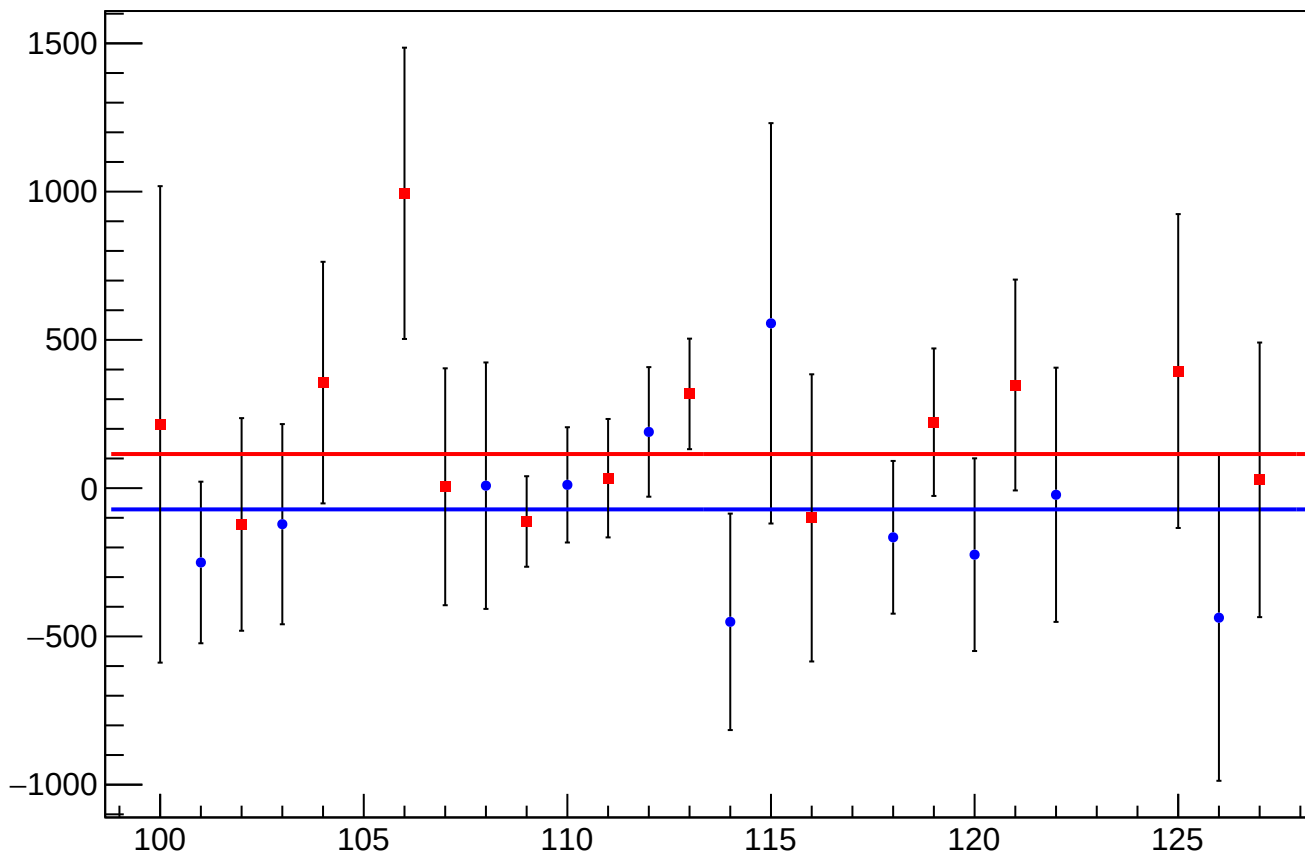
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.601 $\pm$ 0.005 χ^2 /NDF: 27716.1/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_an_us_avg_mean vs Slug



Right In: -71.633+/-91.883 χ^2/NDF : 4.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.038+/-79.277 χ^2/NDF : 8.8/12

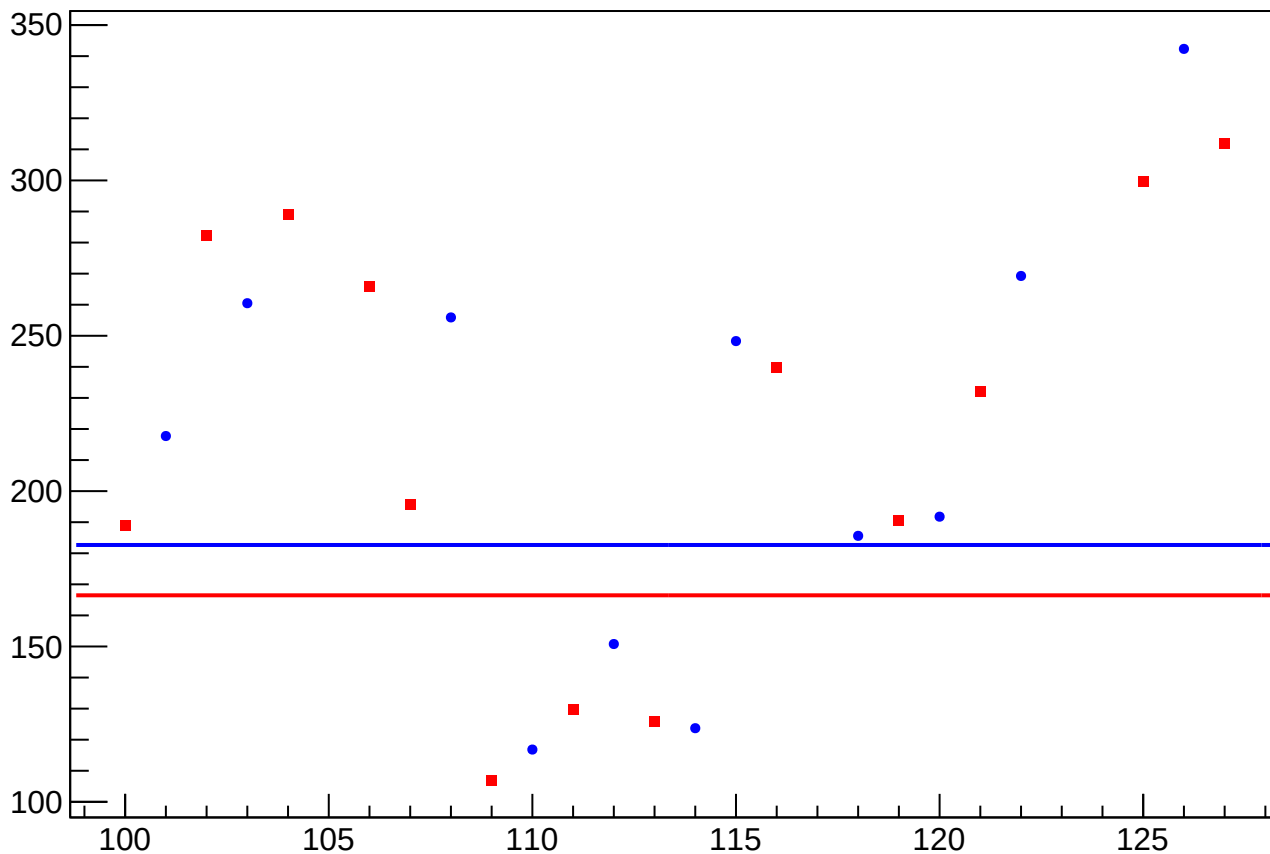
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.376+/-60.023 χ^2/NDF : 16.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_an_us_avg_rms vs Slug



Right In: 182.668+/-0.065 χ^2/NDF : 796711.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 166.468+/-0.056 χ^2/NDF : 1407367.7/12

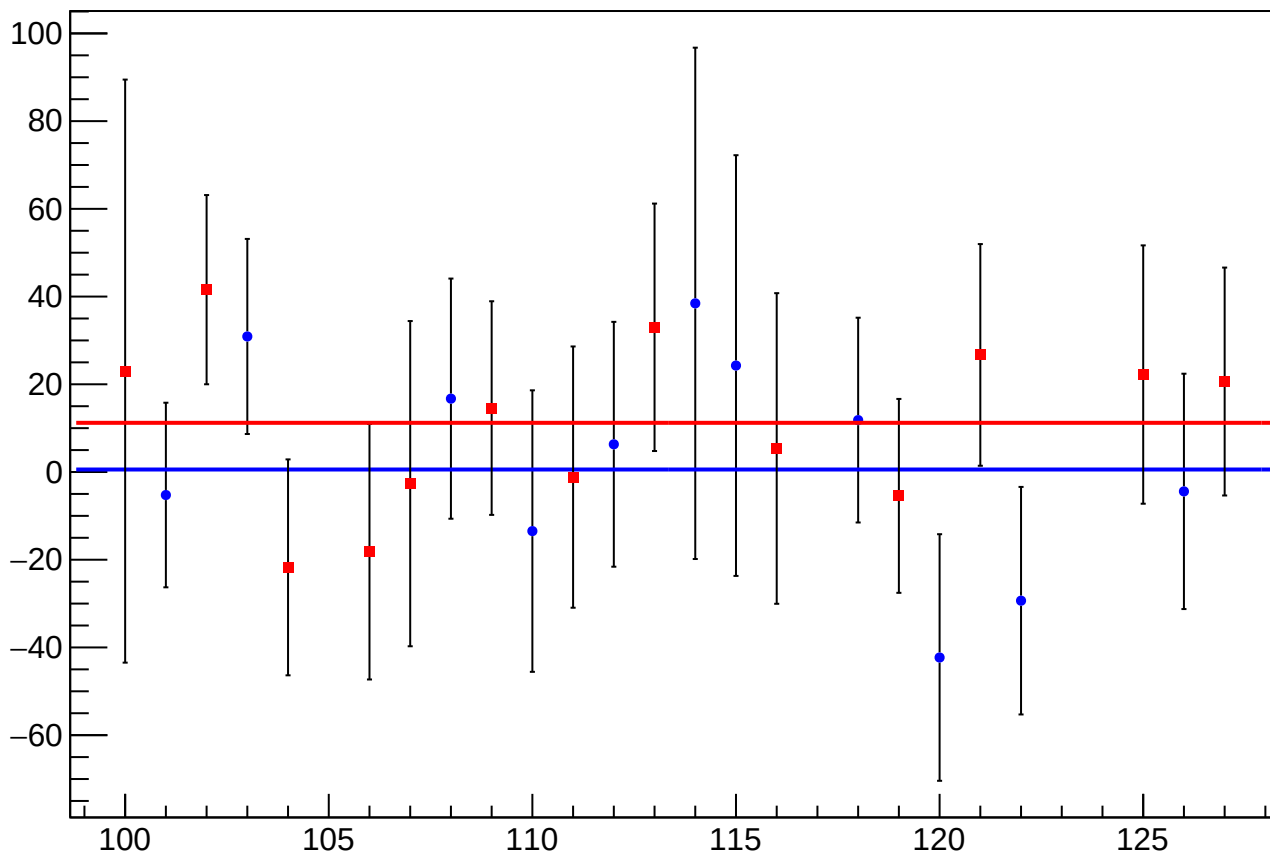
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.382+/-0.042 χ^2/NDF : 2239718.2/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_an_us_dd_mean vs Slug



Right In: 0.569+/-8.284 χ^2/NDF : 7.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.214+/-7.660 χ^2/NDF : 7.0/12

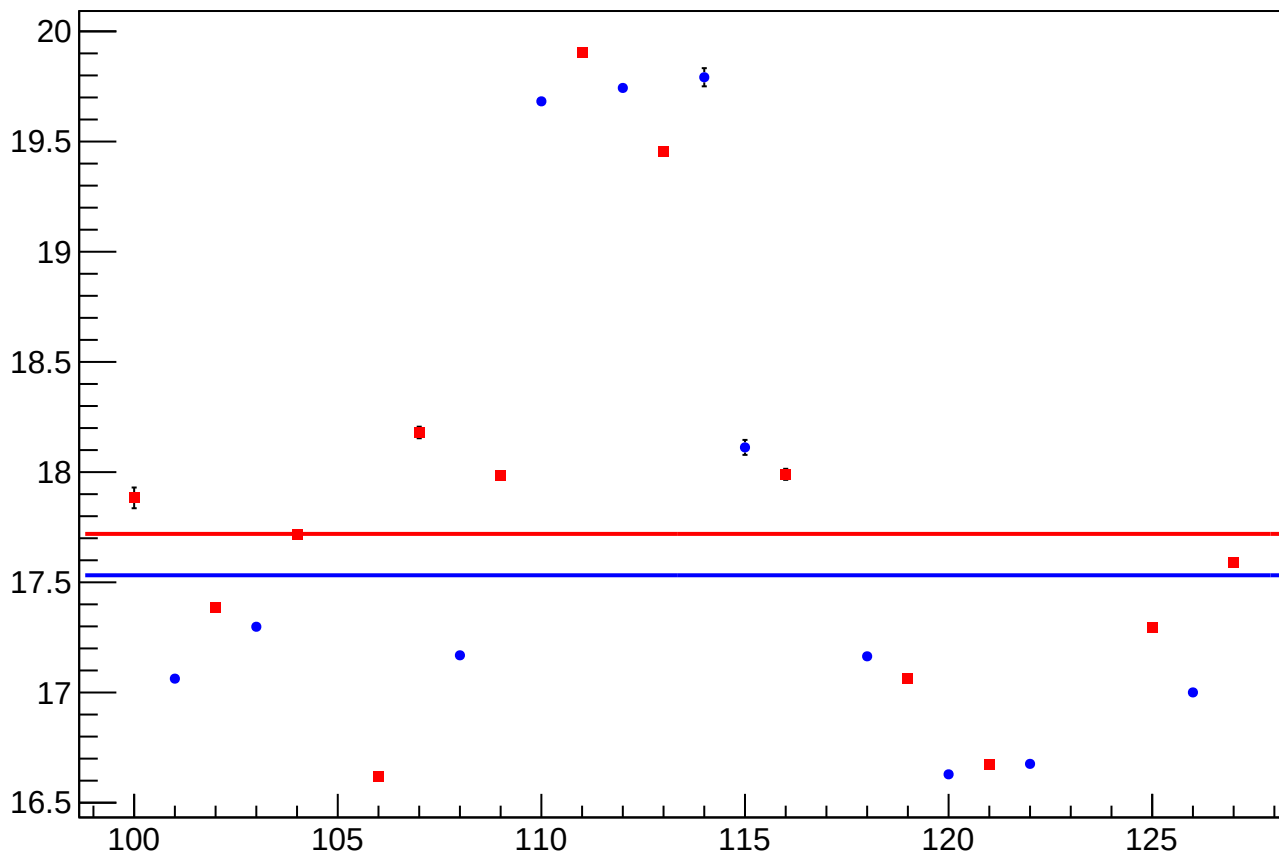
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.308+/-5.624 χ^2/NDF : 15.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_an_us_dd_rms vs Slug



Right In: 17.532 $\pm$ 0.006 χ^2 /NDF: 31918.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.720 $\pm$ 0.005 χ^2 /NDF: 27985.7/12

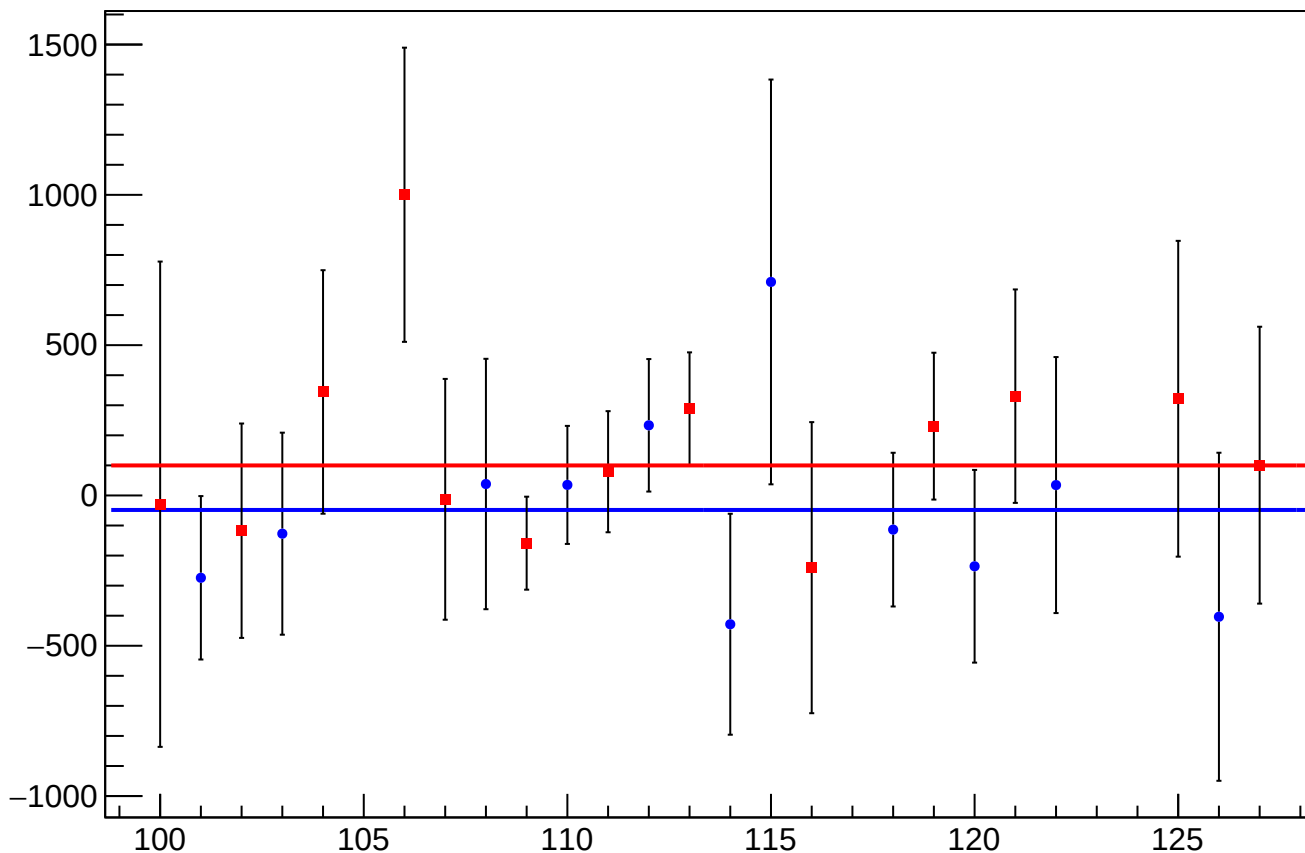
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.633 $\pm$ 0.004 χ^2 /NDF: 60458.0/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_an_ds_avg_mean vs Slug



Right In: -48.250+/-91.985 χ^2/NDF : 5.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.856+/-79.590 χ^2/NDF : 9.4/12

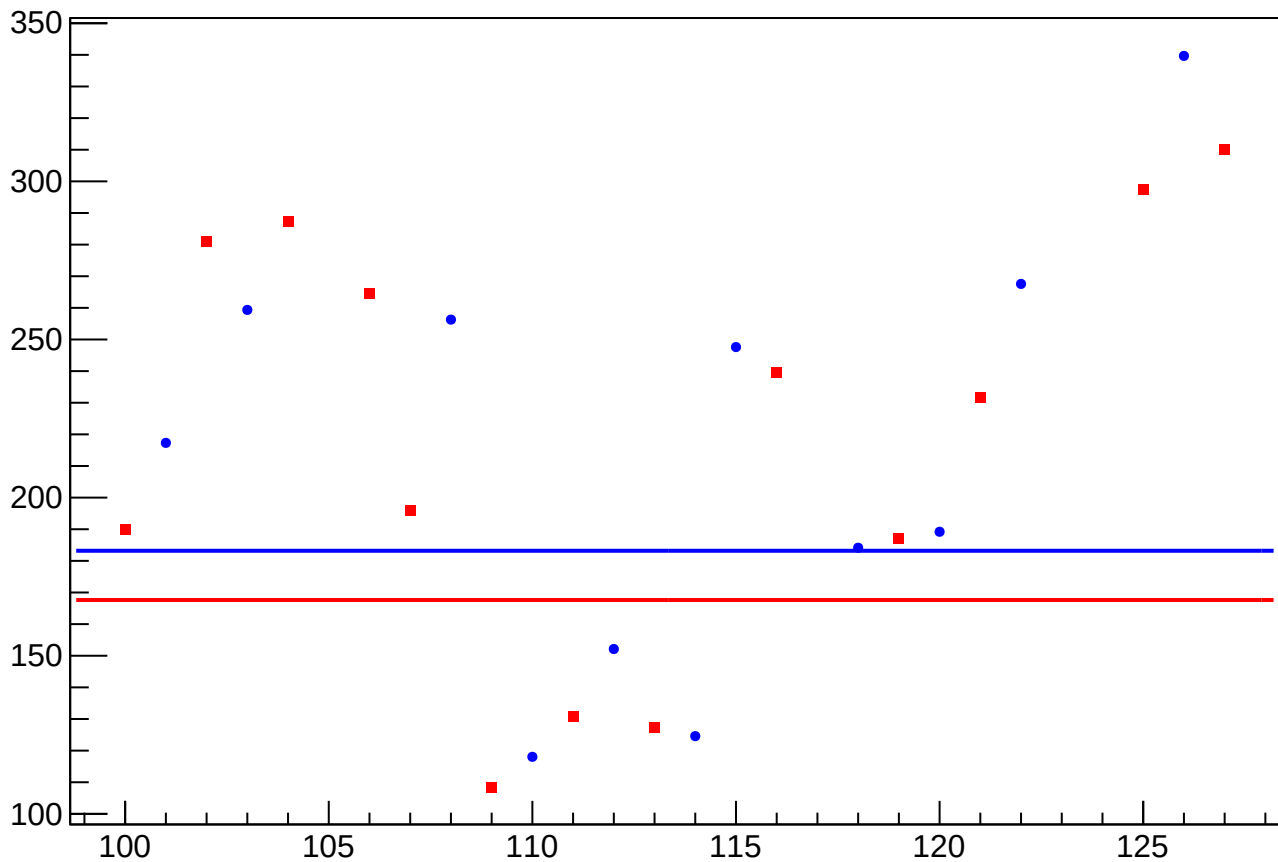
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.447+/-60.187 χ^2/NDF : 16.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_an_ds_avg_rms vs Slug



Right In: 183.196+/-0.065 χ^2/NDF : 768645.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

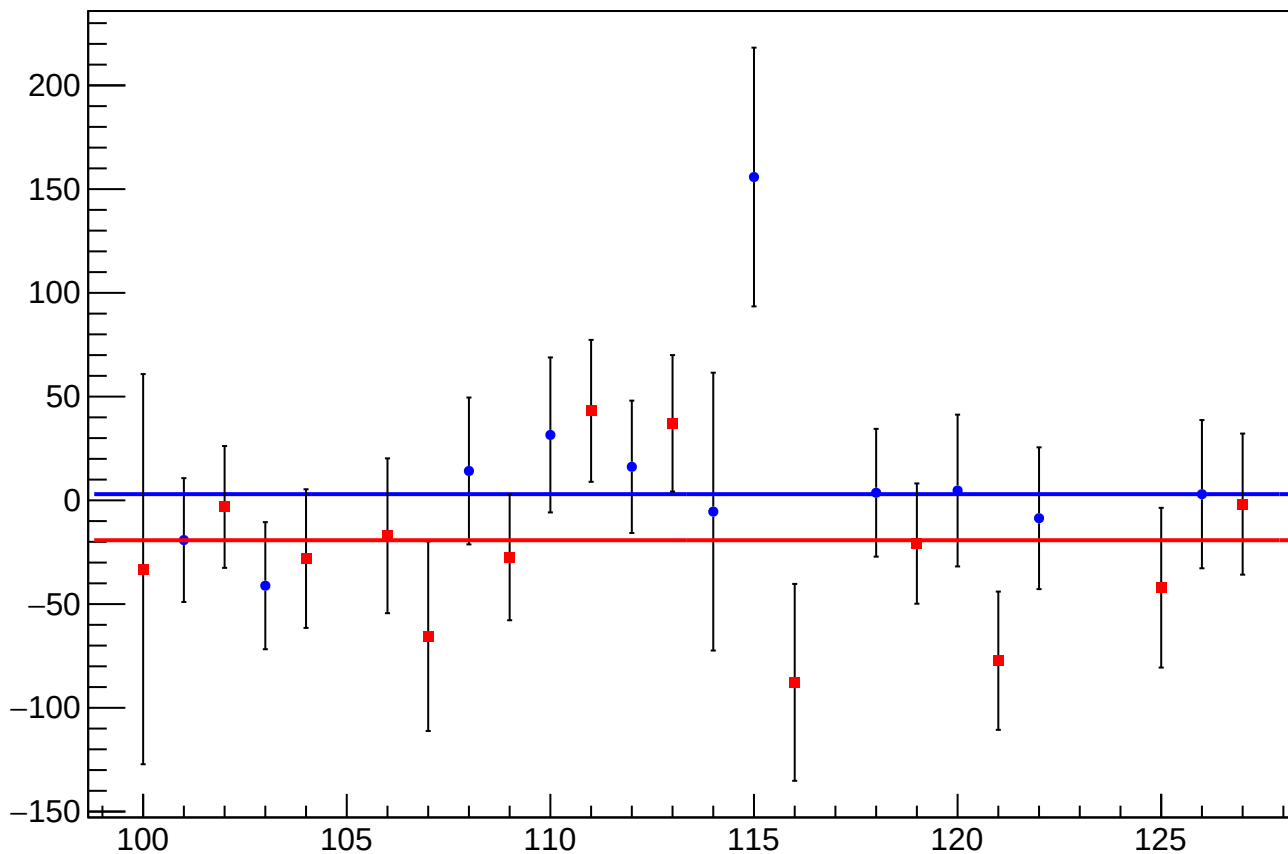
Right Out: 167.625+/-0.056 χ^2/NDF : 1355390.7/12

All: 174.291+/-0.043 χ^2/NDF : 2156811.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_an_ds_dd_mean vs Slug



Right In: 2.981+/-10.778 χ^2/NDF : 9.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -19.226+/-9.853 χ^2/NDF : 13.5/12

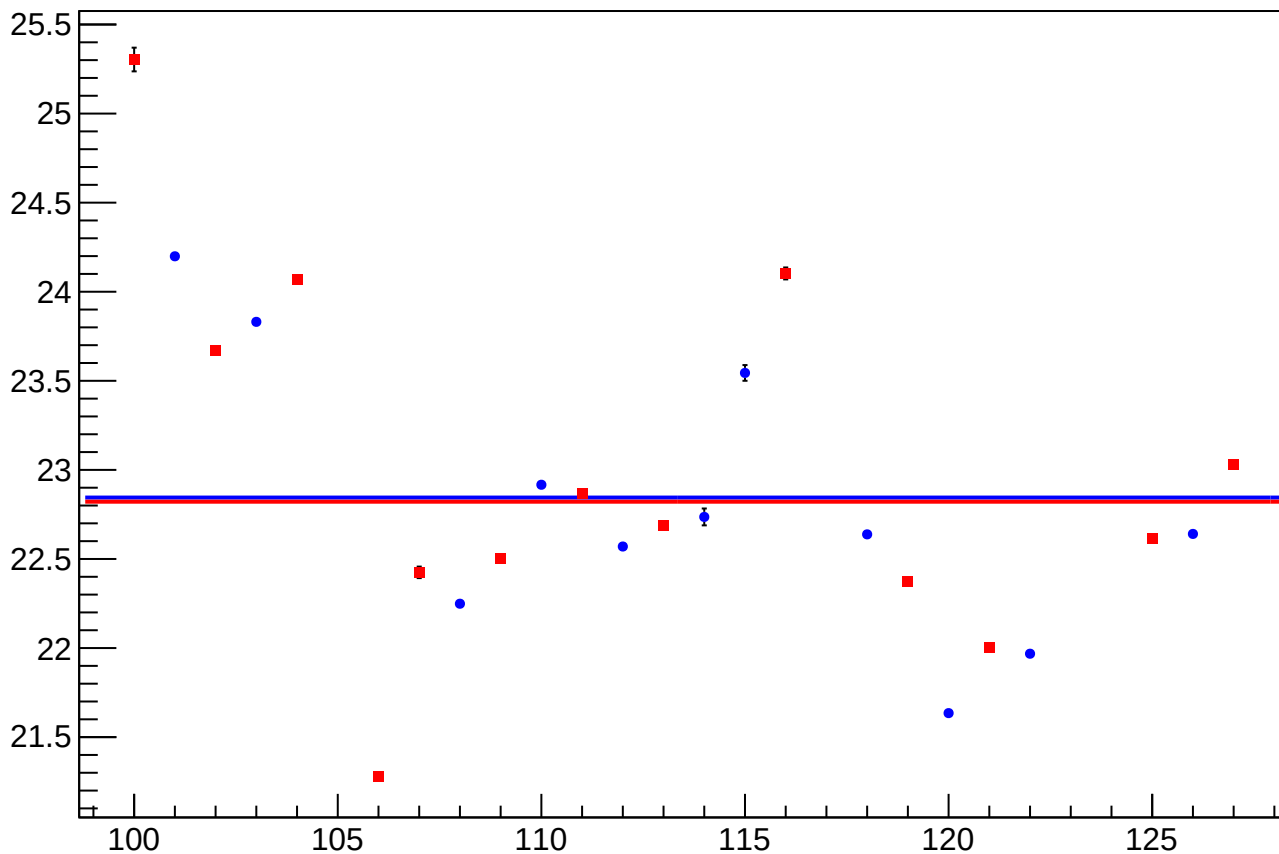
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.116+/-7.272 χ^2/NDF : 25.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_an_ds_dd_rms vs Slug



Right In: 22.845+/-0.008 χ^2 /NDF: 10831.6/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 22.821+/-0.007 χ^2 /NDF: 12929.6/12

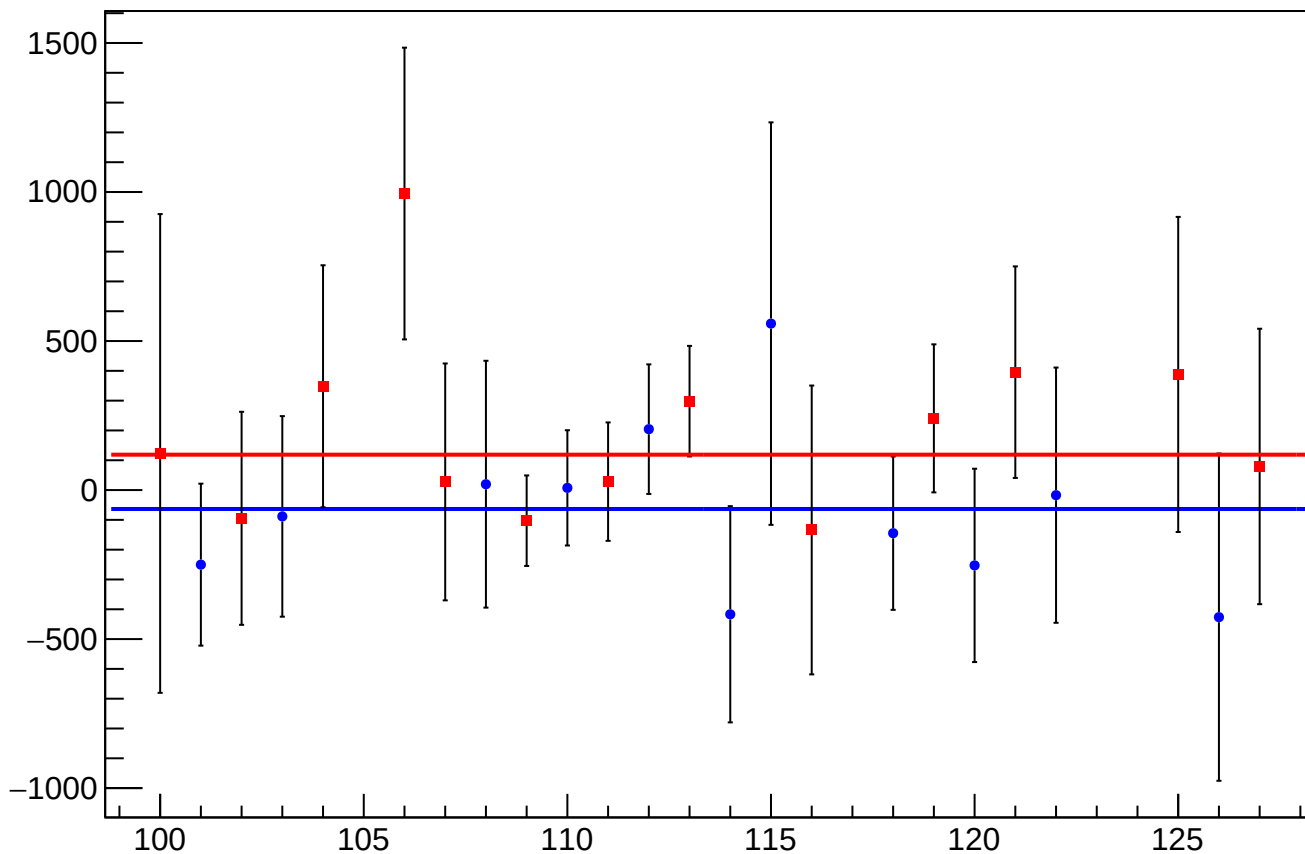
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 22.832+/-0.005 χ^2 /NDF: 23766.3/23

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_an_ds_avg_mean vs Slug



Right In: -63.495+/-91.553 χ^2/NDF : 4.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.740+/-78.950 χ^2/NDF : 8.6/12

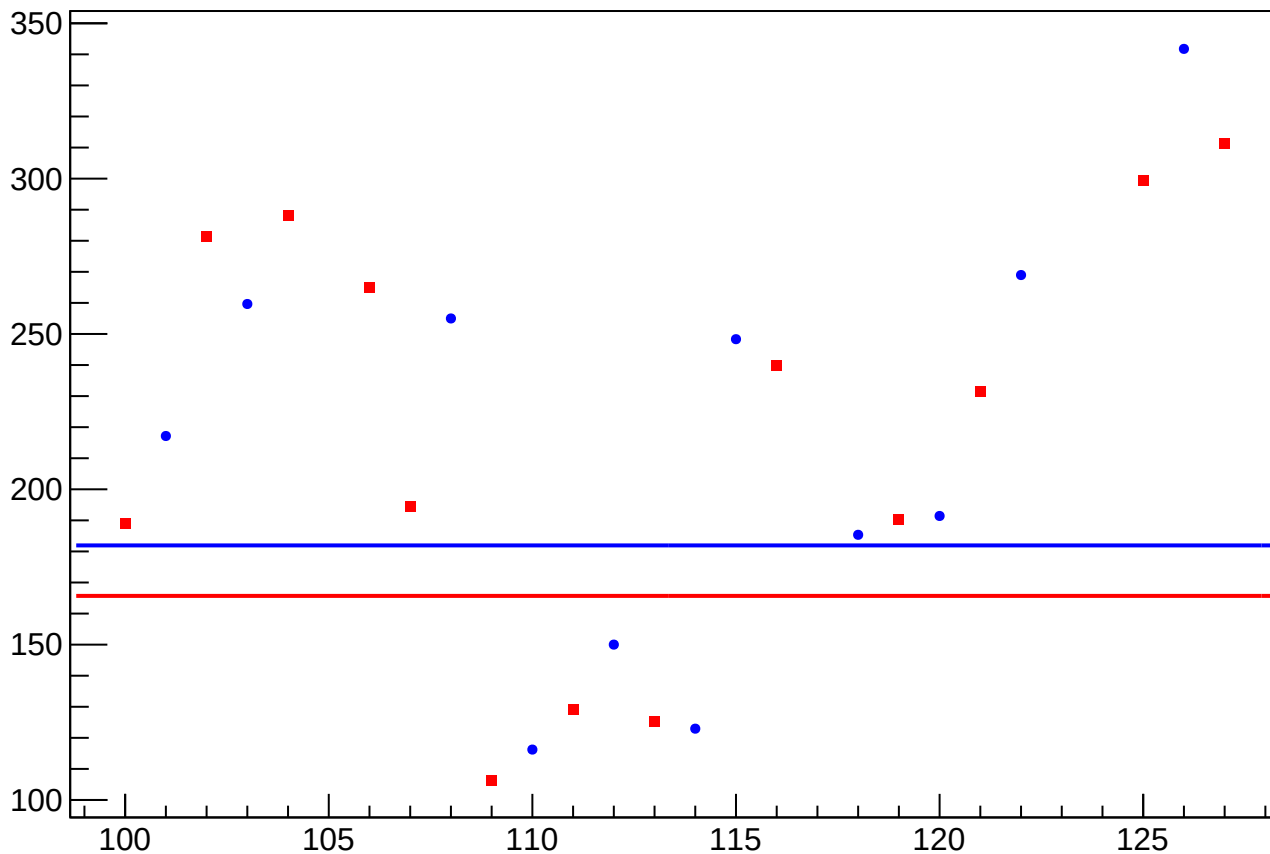
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.019+/-59.789 χ^2/NDF : 15.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_an_ds_avg_rms vs Slug



Right In: 181.941+/-0.065 χ^2/NDF : 803040.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.691+/-0.056 χ^2/NDF : 1416636.7/12

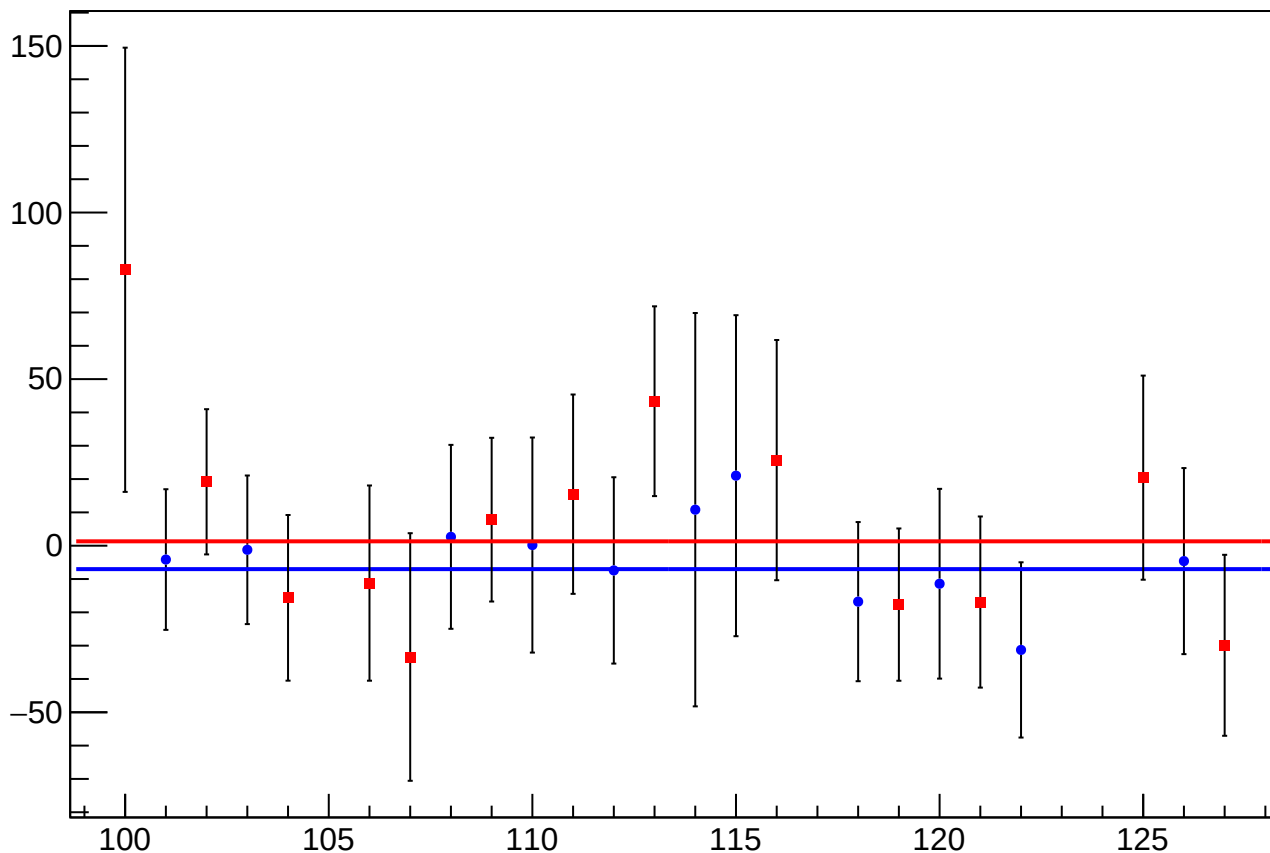
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.622+/-0.042 χ^2/NDF : 2255812.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_an_ds_dd_mean vs Slug



Right In: -7.030+/-8.381 χ^2/NDF : 1.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.314+/-7.793 χ^2/NDF : 9.5/12

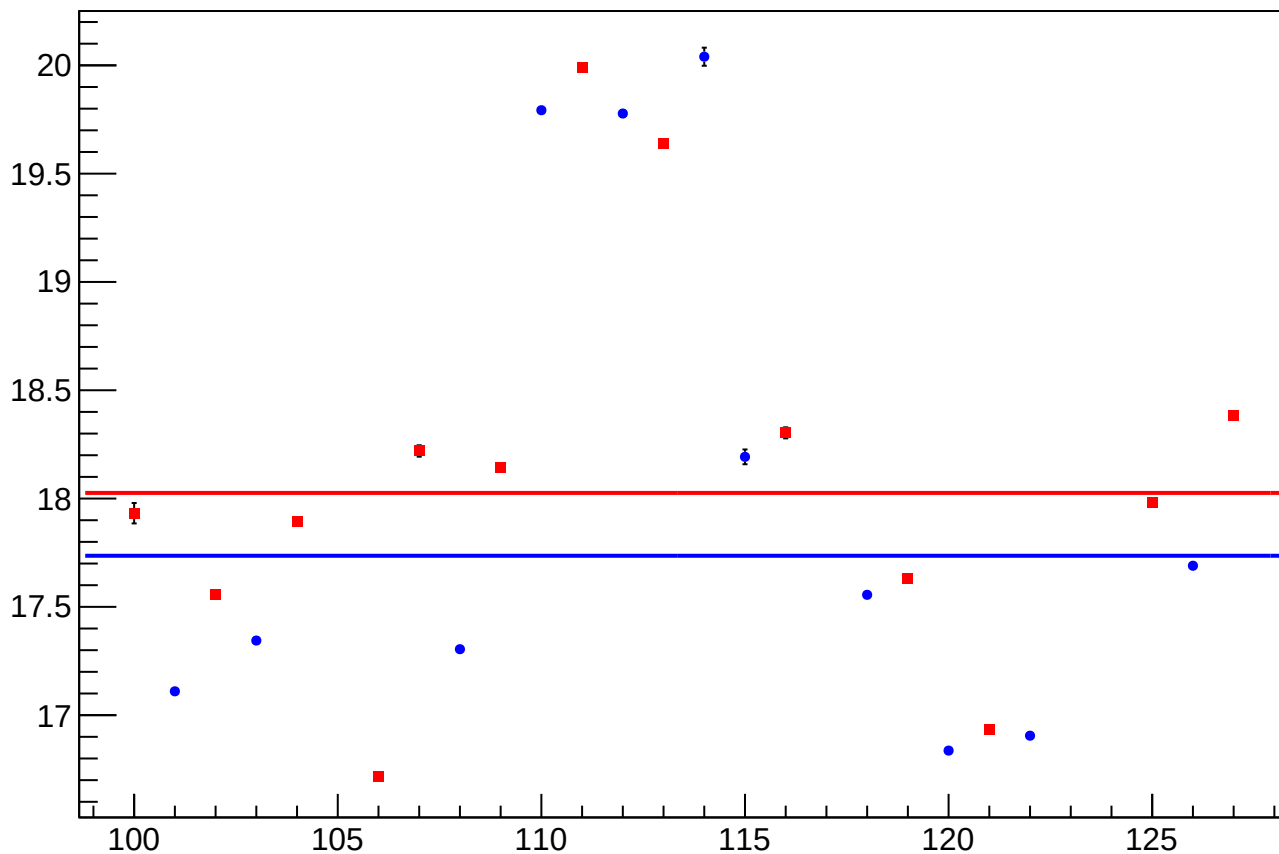
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.555+/-5.707 χ^2/NDF : 11.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_an_ds_dd_rms vs Slug



Right In: 17.736 ± 0.006 χ^2/NDF : 28981.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 18.026 ± 0.006 χ^2/NDF : 24786.8/12

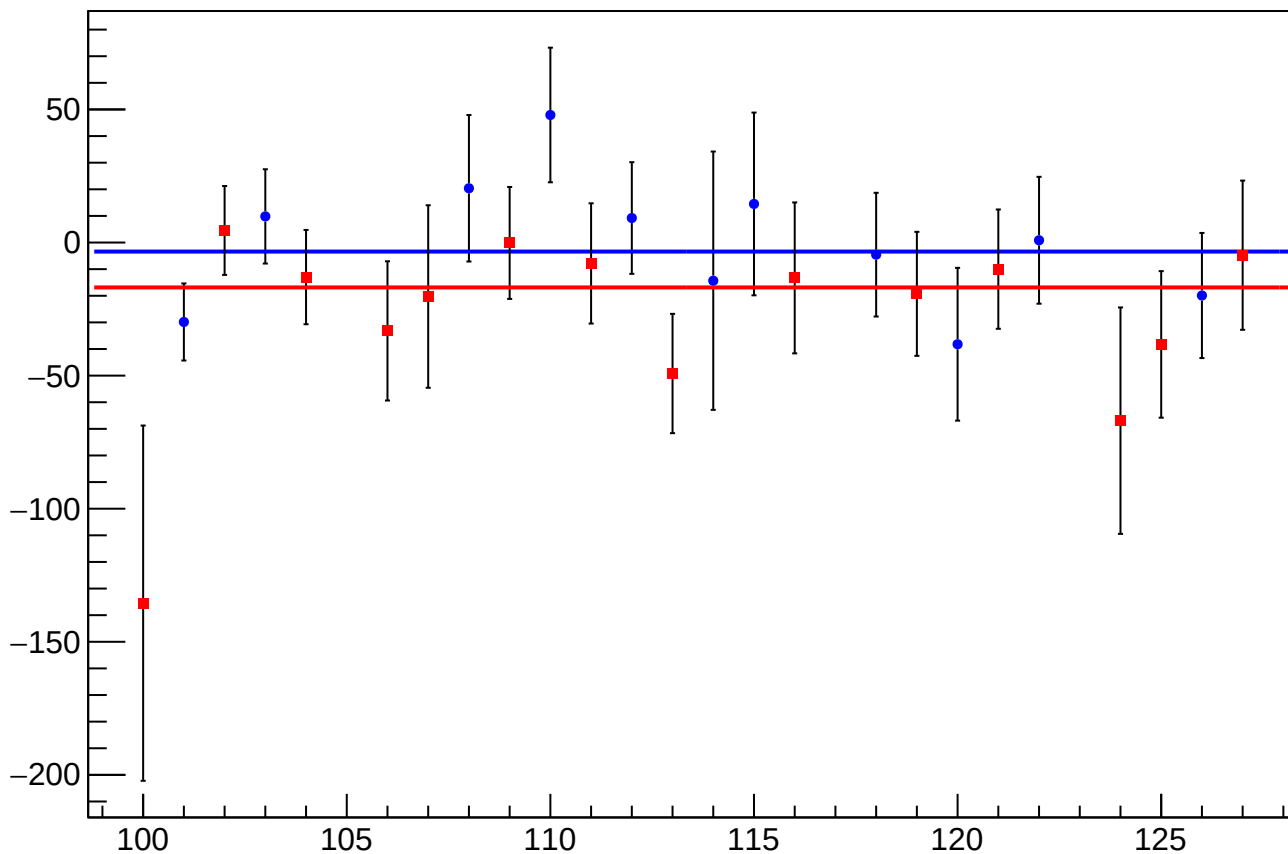
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 17.892 ± 0.004 χ^2/NDF : 55053.9/23

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4acX_avg_mean vs Slug



Right In: -3.389 ± 6.898 χ^2/NDF : 11.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -16.865 ± 6.489 χ^2/NDF : 10.4/13

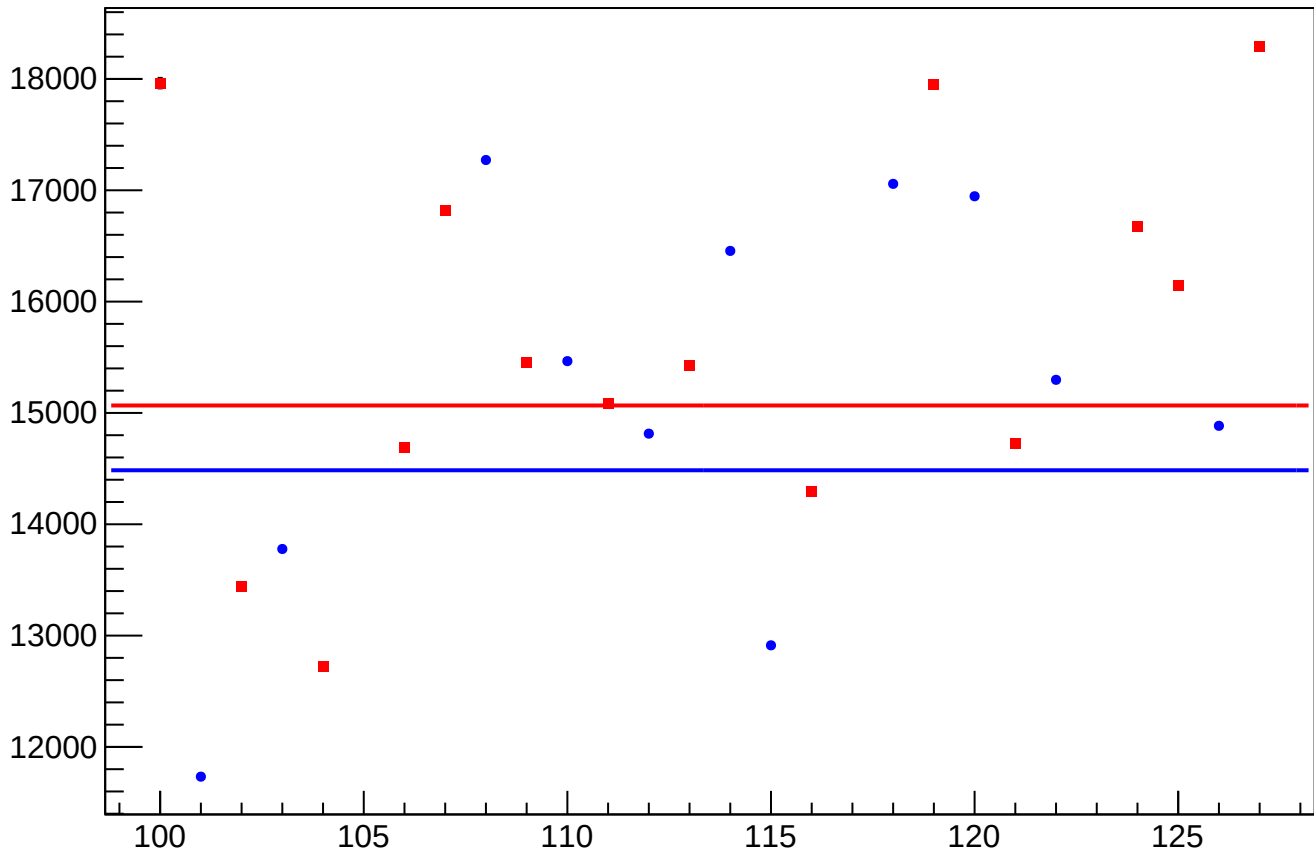
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -10.538 ± 4.726 χ^2/NDF : 23.9/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4acX_avg_rms vs Slug



Right In: 14485.016+/-4.877 χ^2/NDF : 148991.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15067.048+/-4.589 χ^2/NDF : 129574.5/13

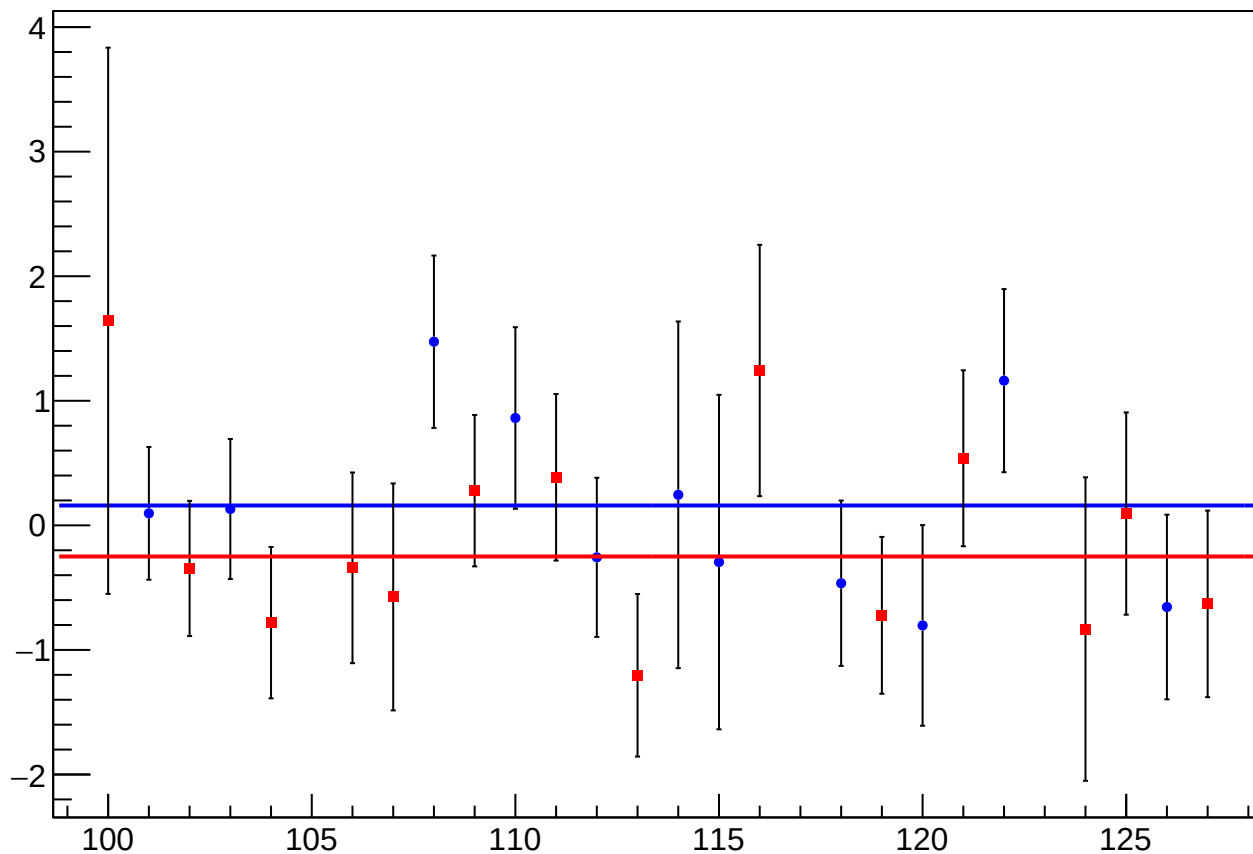
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14793.762+/-3.342 χ^2/NDF : 286120.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4acX_dd_mean vs Slug



Right In: 0.159 $\pm$ 0.215 χ^2 /NDF: 10.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.250 $\pm$ 0.196 χ^2 /NDF: 10.1/13

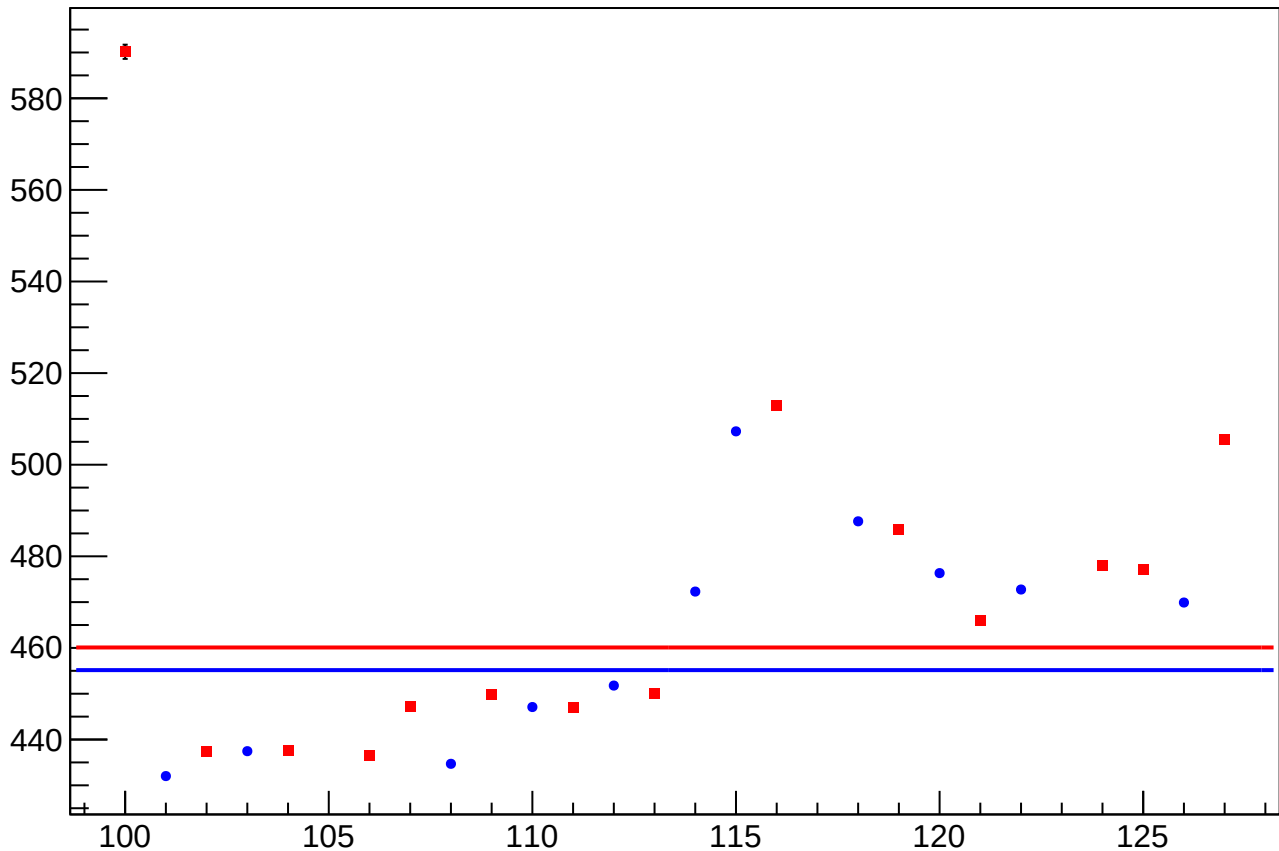
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.064 $\pm$ 0.145 χ^2 /NDF: 22.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aX_4acX_dd_rms vs Slug



Right In: 455.153 ± 0.152 χ^2/NDF : 19232.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 460.097 ± 0.139 χ^2/NDF : 34965.0/13

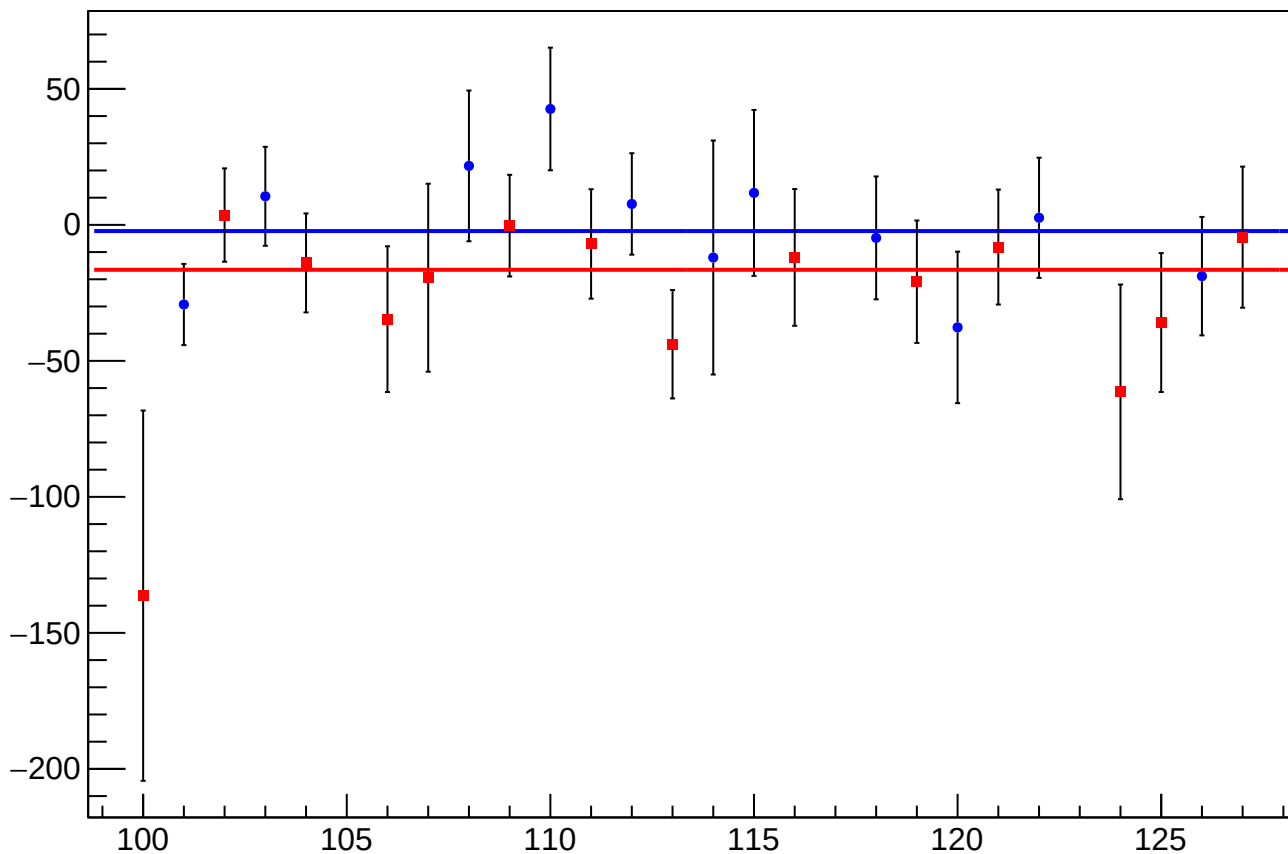
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 457.850 ± 0.102 χ^2/NDF : 54775.1/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4eX_avg_mean vs Slug



Right In: -2.275+/-6.640 χ^2 /NDF: 11.3/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -16.510+/-6.181 χ^2 /NDF: 10.1/13

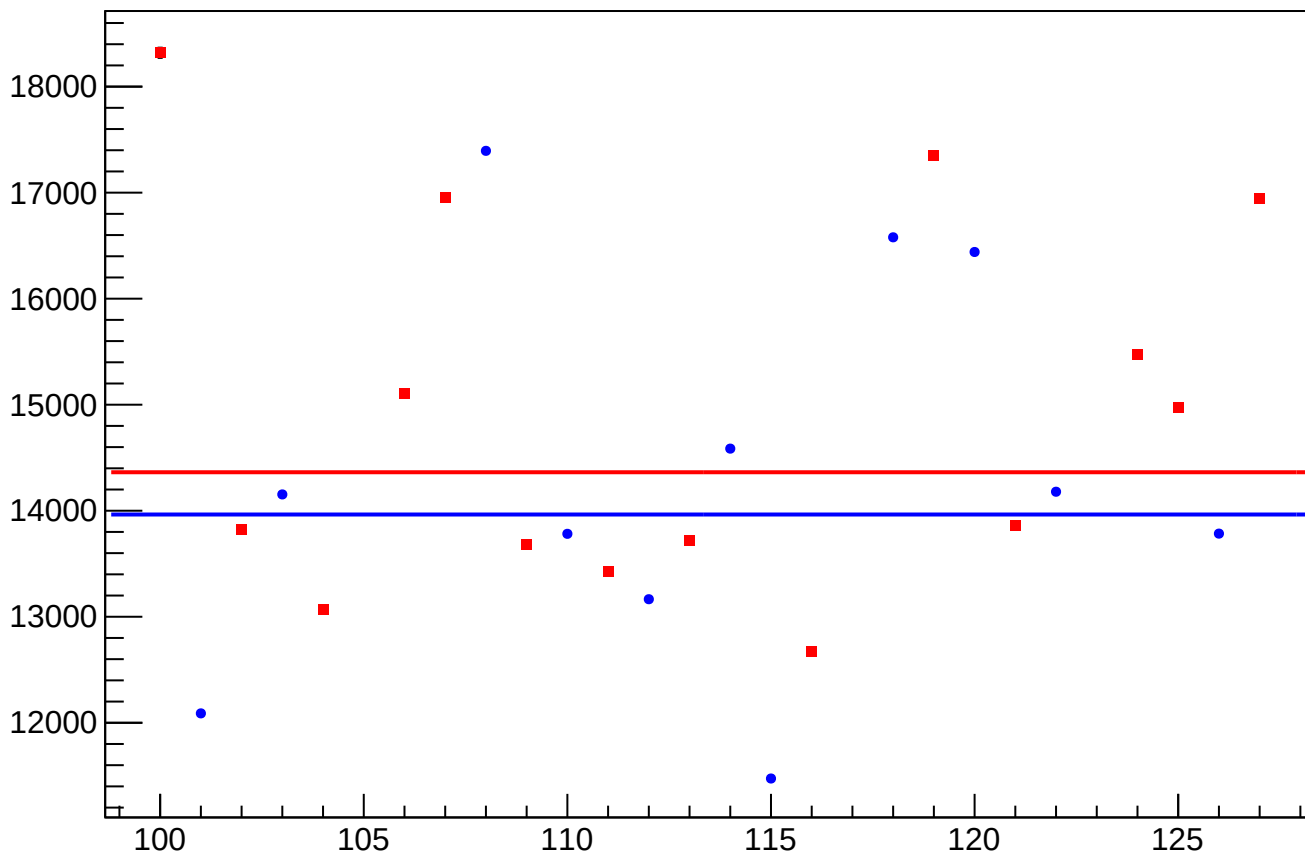
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -9.901+/-4.524 χ^2 /NDF: 23.9/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aX_4eX_avg_rms vs Slug



Right In: 13964.338+/-4.695 χ^2/NDF : 122913.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14362.925+/-4.371 χ^2/NDF : 108575.8/13

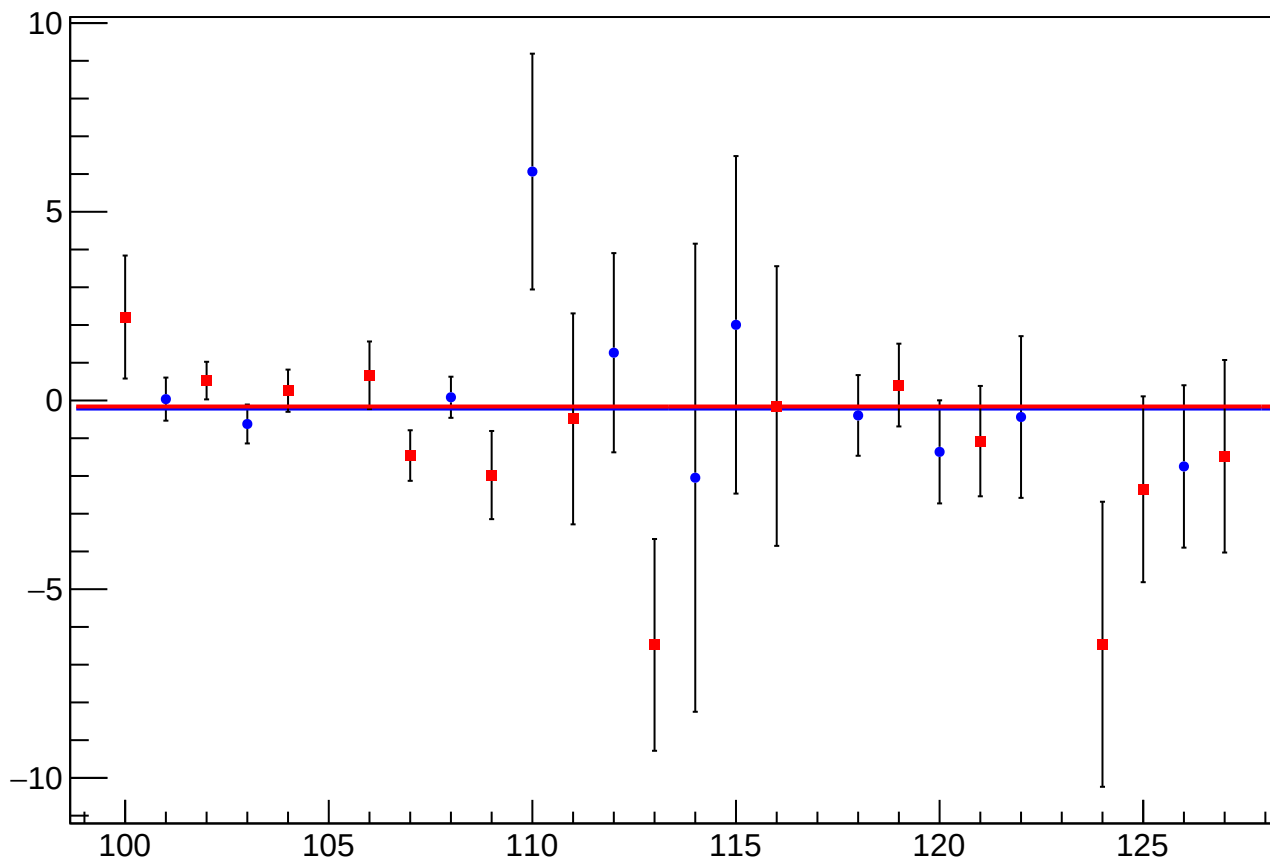
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14177.876+/-3.199 χ^2/NDF : 235350.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4eX_dd_mean vs Slug



Right In: -0.214 ± 0.284 χ^2/NDF : 7.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.160 ± 0.269 χ^2/NDF : 21.2/13

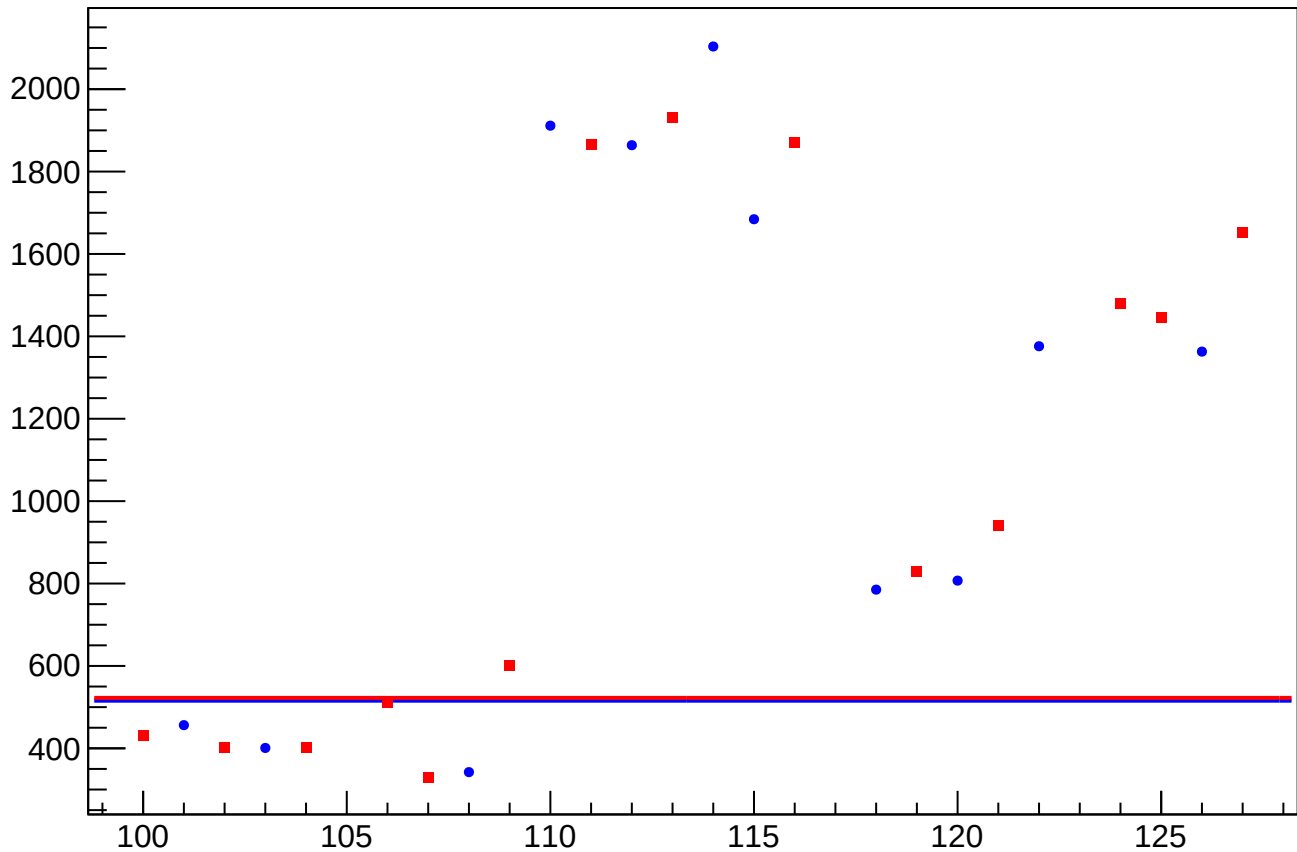
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.185 ± 0.195 χ^2/NDF : 28.3/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4eX_dd_rms vs Slug



Right In: 515.703 $\pm$ 0.201 χ^2 /NDF: 2363400.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 522.453 $\pm$ 0.190 χ^2 /NDF: 2749446.7/13

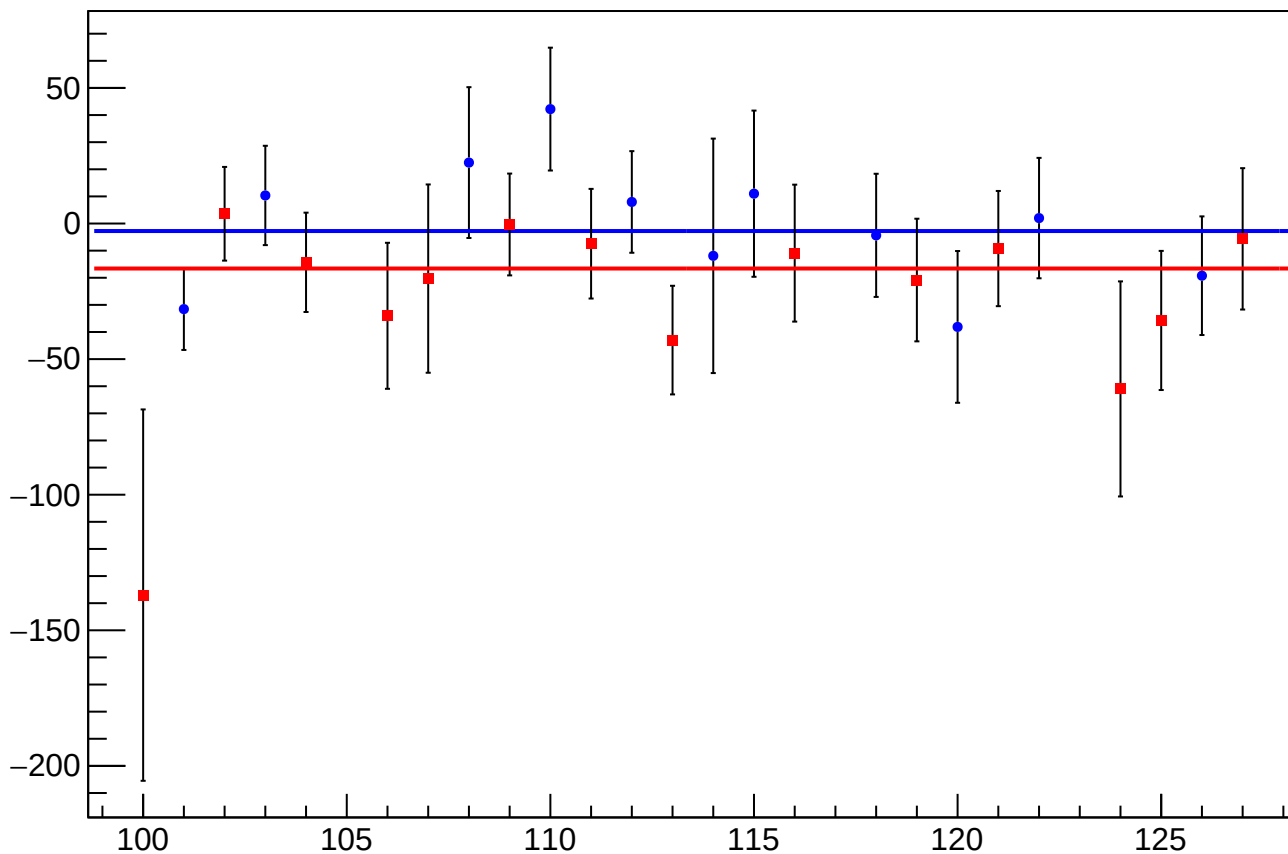
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 519.266 $\pm$ 0.138 χ^2 /NDF: 5113442.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aX_4ecX_avg_mean vs Slug



Right In: -2.768+/-6.680 χ^2/NDF : 11.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.592+/-6.214 χ^2/NDF : 9.8/13

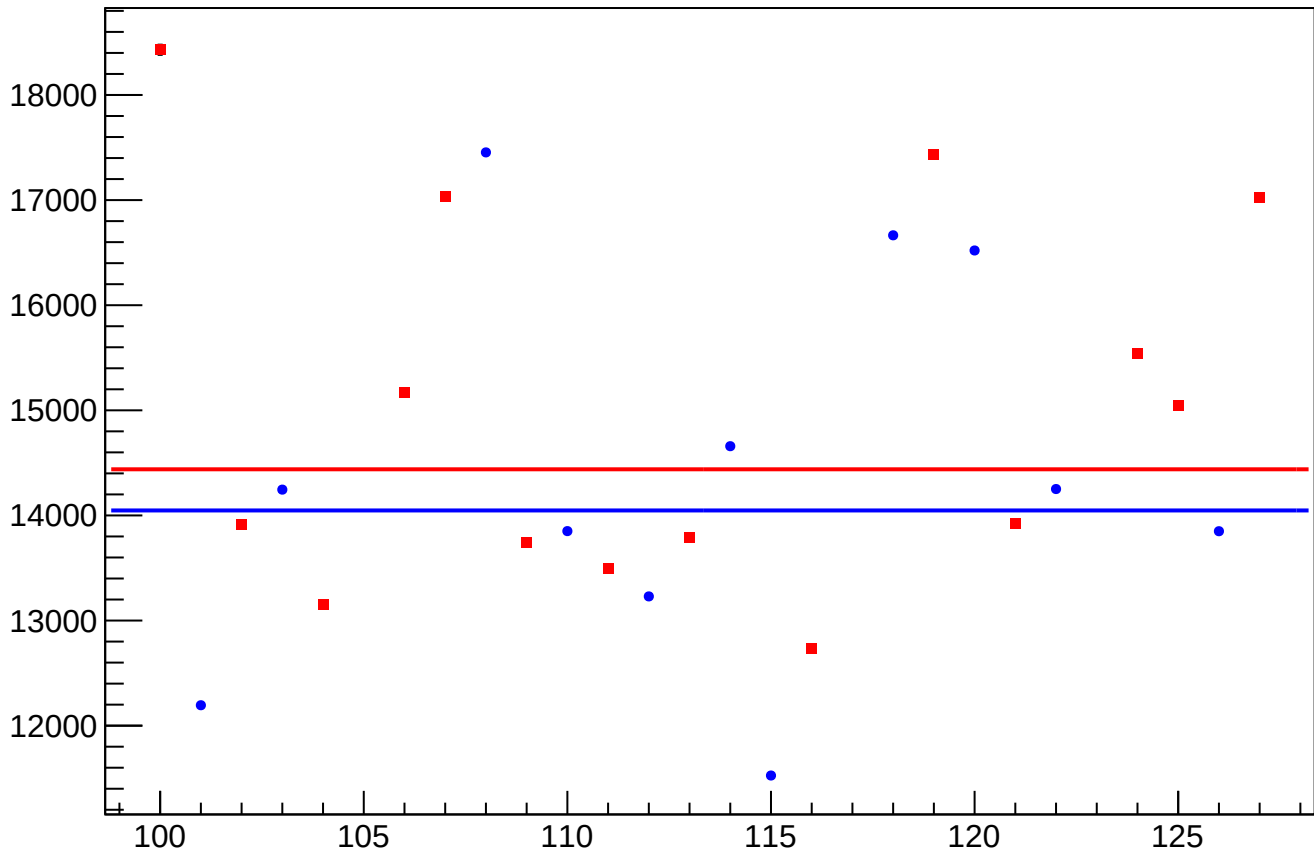
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.179+/-4.550 χ^2/NDF : 23.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4ecX_avg_rms vs Slug



Right In: 14047.451+/-4.723 χ^2/NDF : 120931.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14438.972+/-4.394 χ^2/NDF : 108101.1/13

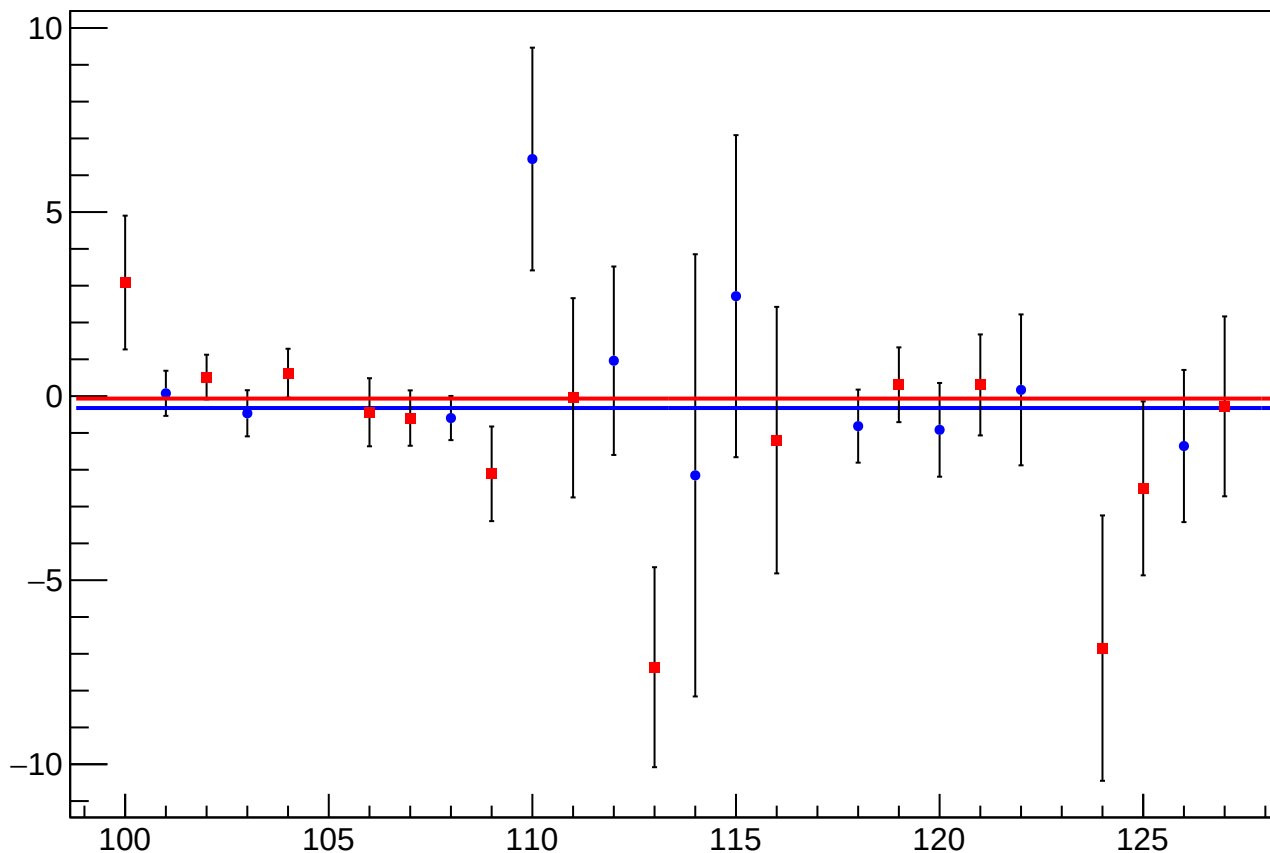
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14257.336+/-3.217 χ^2/NDF : 232715.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4ecX_dd_mean vs Slug



Right In: -0.323+/-0.310 χ^2/NDF : 7.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.067+/-0.300 χ^2/NDF : 20.3/13

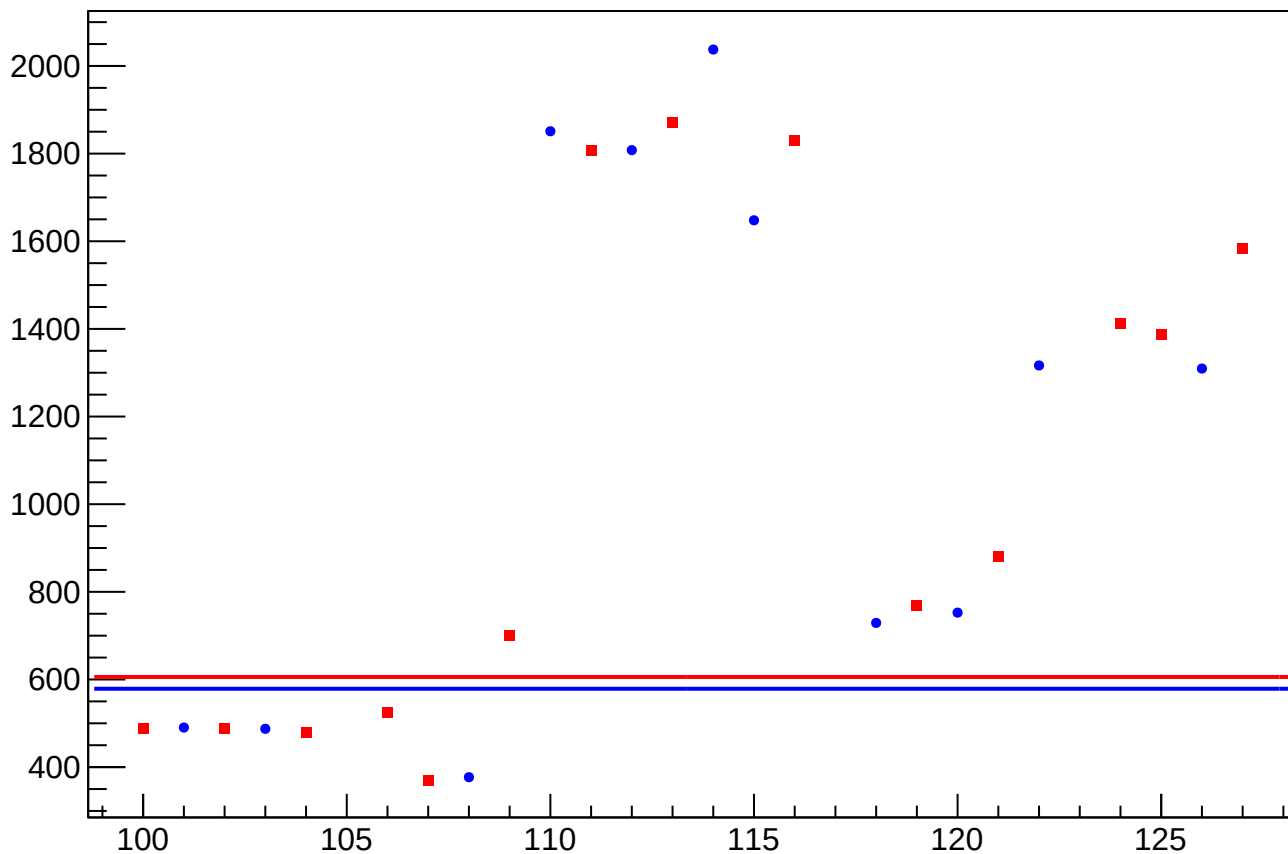
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.191+/-0.215 χ^2/NDF : 28.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4ecX_dd_rms vs Slug



Right In: 578.874+/-0.219 χ^2/NDF : 1954869.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 605.756+/-0.212 χ^2/NDF : 2206975.6/13

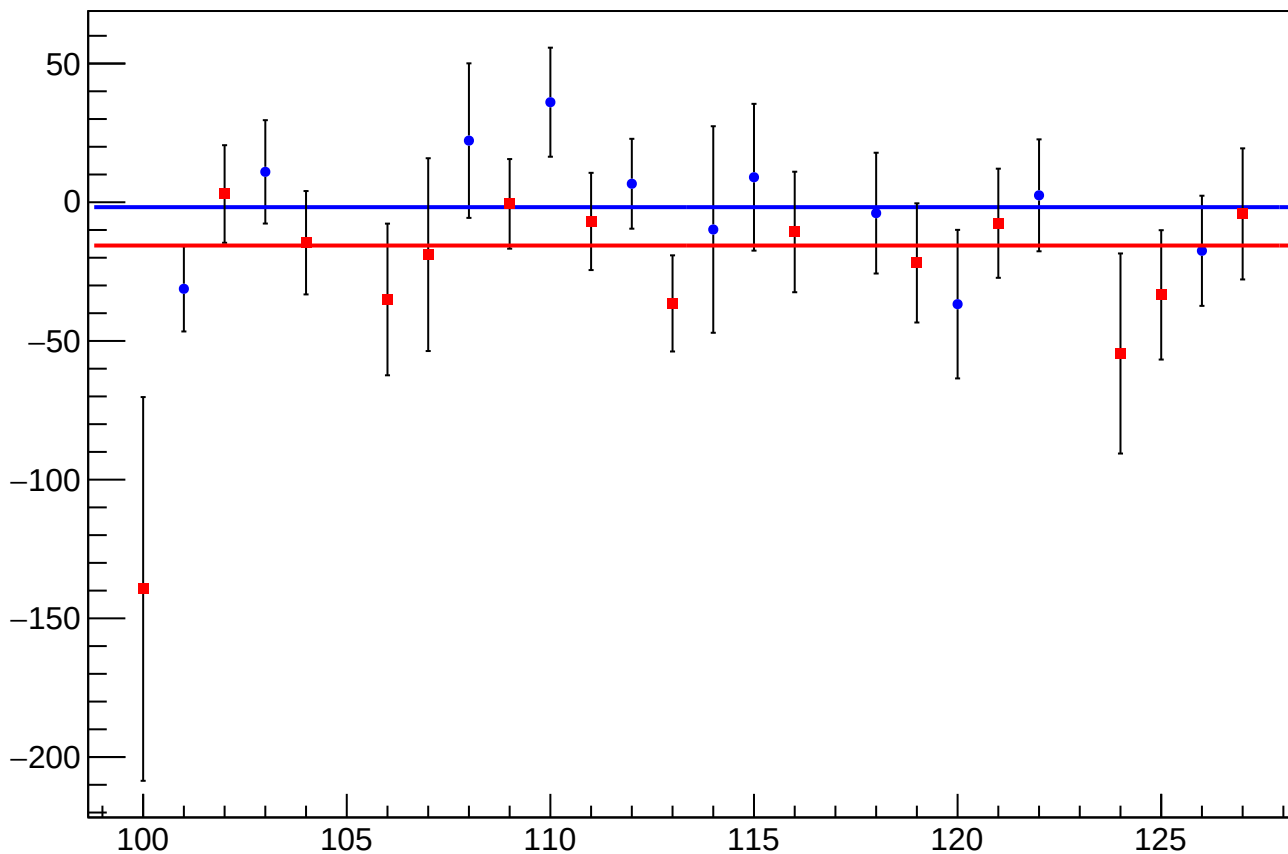
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 592.735+/-0.152 χ^2/NDF : 4169621.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4eX_4ecX_avg_mean vs Slug



Right In: -1.771 ± 6.269 χ^2/NDF : 11.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -15.603 ± 5.757 χ^2/NDF : 9.7/13

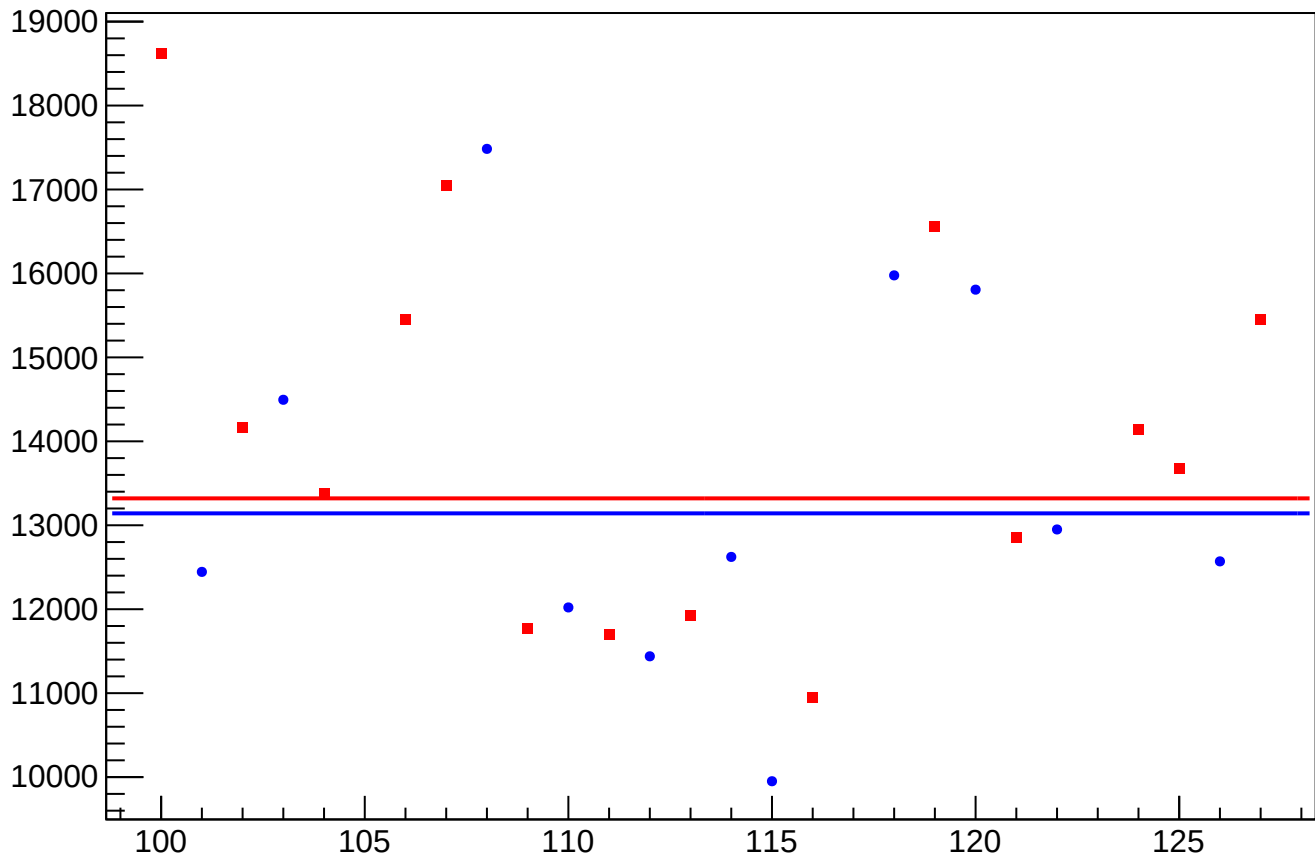
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.275 ± 4.240 χ^2/NDF : 23.8/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm_4eX_4ecX_avg_rms vs Slug



Right In: 13141.885+/-4.433 χ^2/NDF : 176912.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13320.456+/-4.070 χ^2/NDF : 188067.2/13

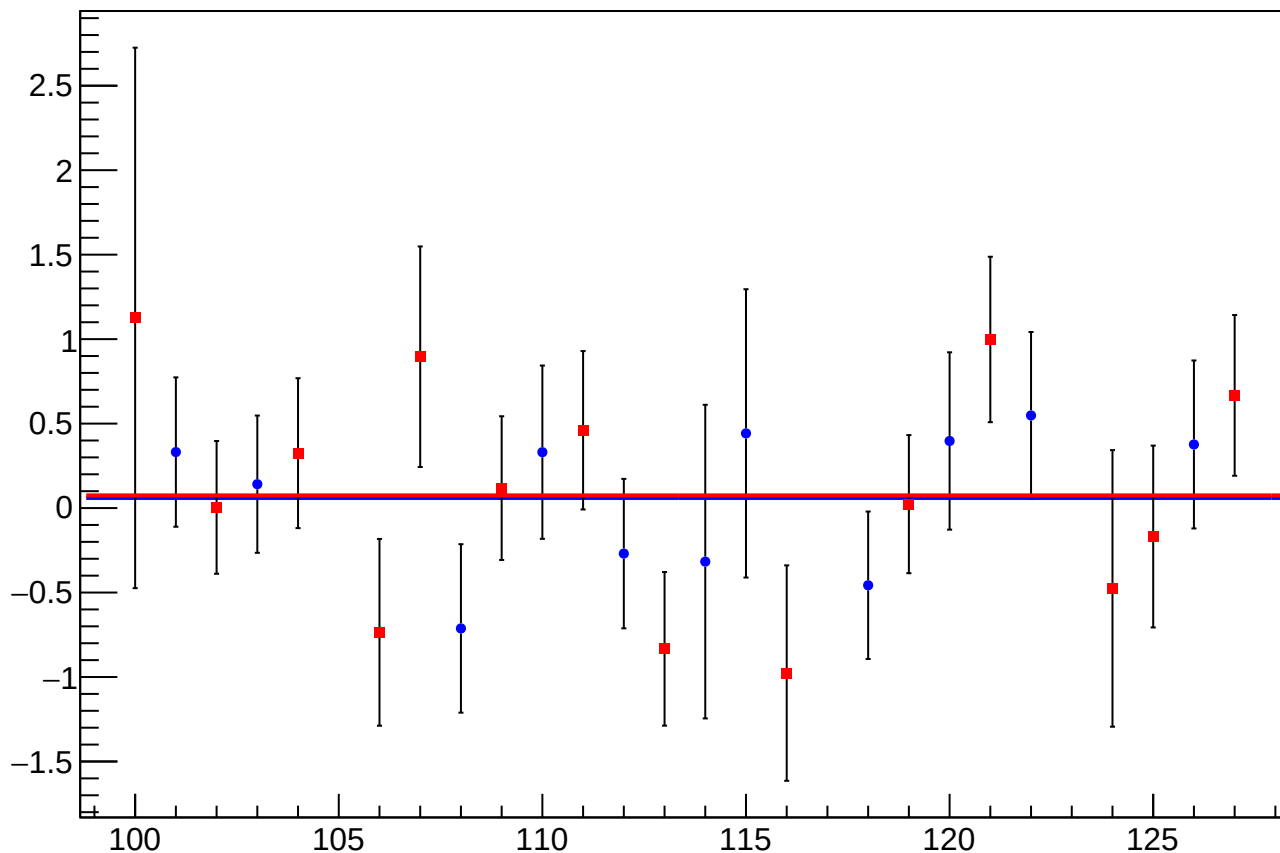
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13238.765+/-2.998 χ^2/NDF : 365860.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4eX_4ecX_dd_mean vs Slug



Right In: 0.060 $\pm$ 0.151 χ^2 /NDF: 7.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.075 $\pm$ 0.135 χ^2 /NDF: 17.7/13

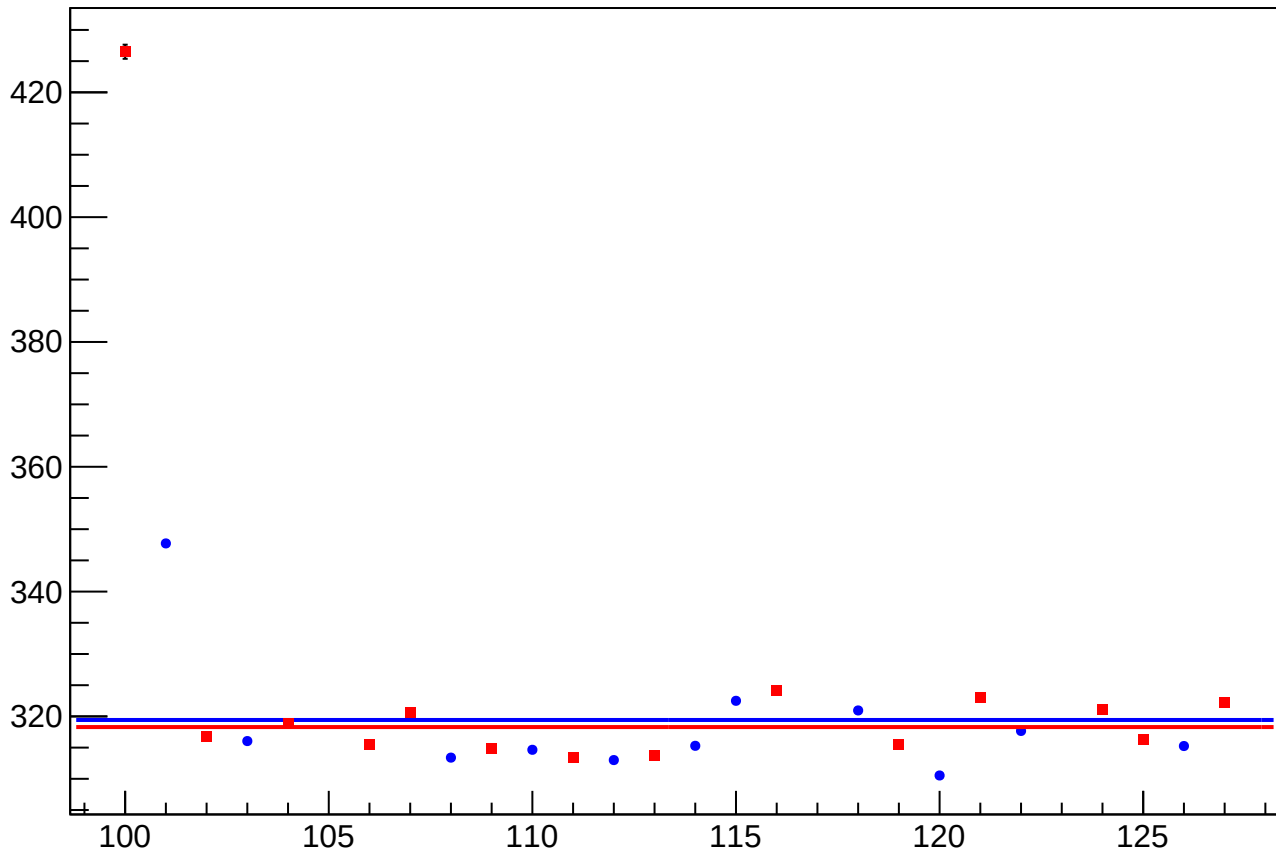
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.068 $\pm$ 0.101 χ^2 /NDF: 24.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4eX_4ecX_dd_rms vs Slug



Right In: 319.428 $\pm$ 0.107 χ^2 /NDF: 10046.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 318.293 $\pm$ 0.096 χ^2 /NDF: 10446.8/13

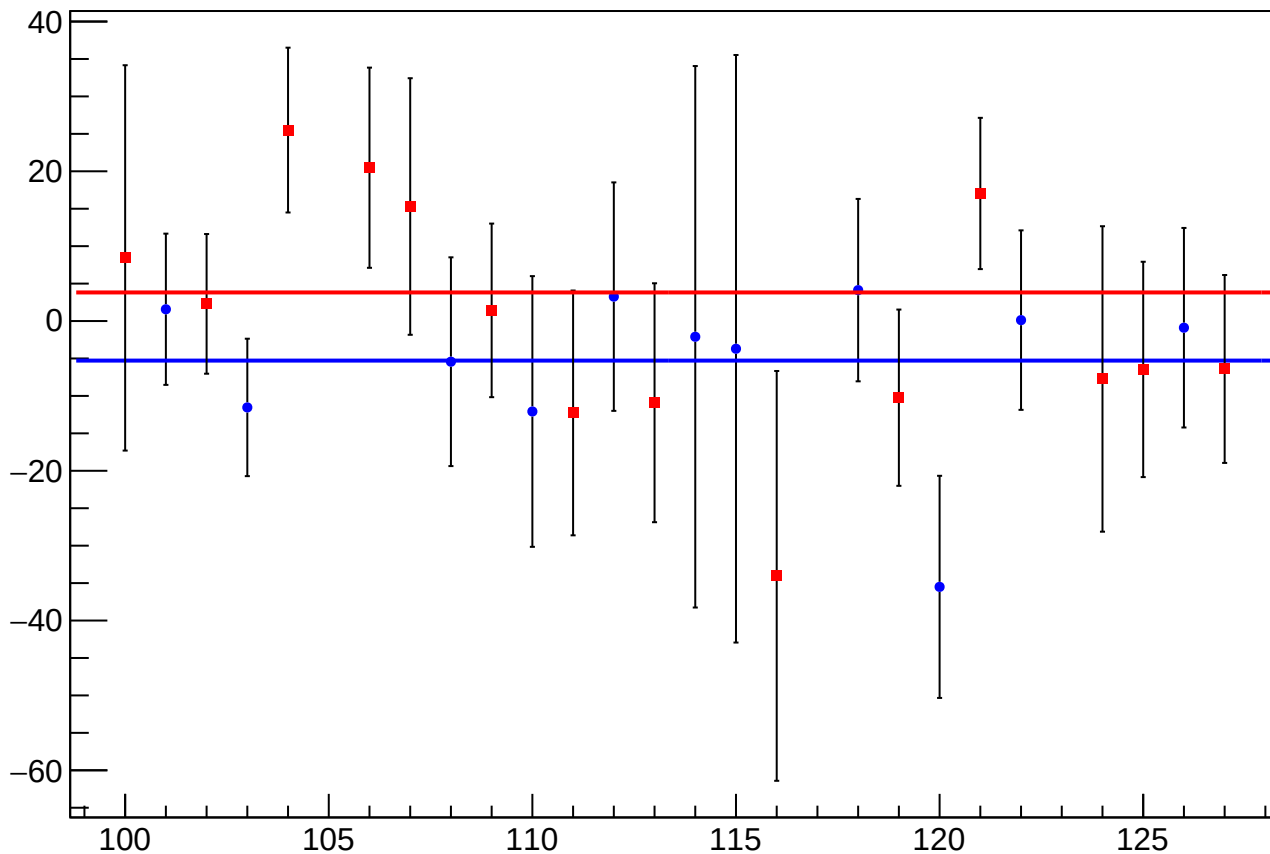
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 318.798 $\pm$ 0.071 χ^2 /NDF: 20555.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aY_4acY_avg_mean vs Slug



Right In: -5.282+/-4.101 χ^2/NDF : 6.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.819+/-3.596 χ^2/NDF : 14.4/13

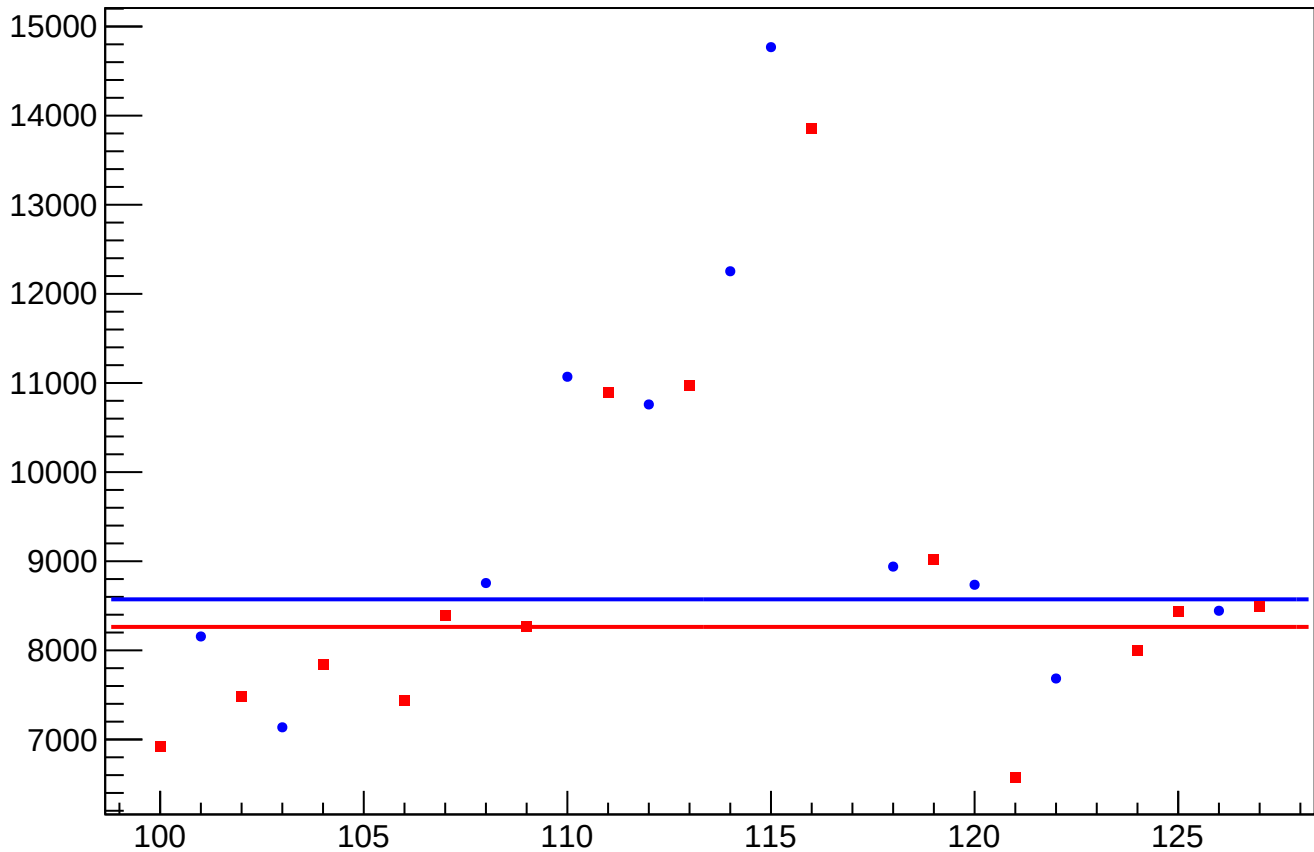
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.138+/-2.704 χ^2/NDF : 23.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4acY_avg_rms vs Slug



Right In: 8572.417+/-2.900 χ^2/NDF : 215821.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8263.047+/-2.543 χ^2/NDF : 287942.3/13

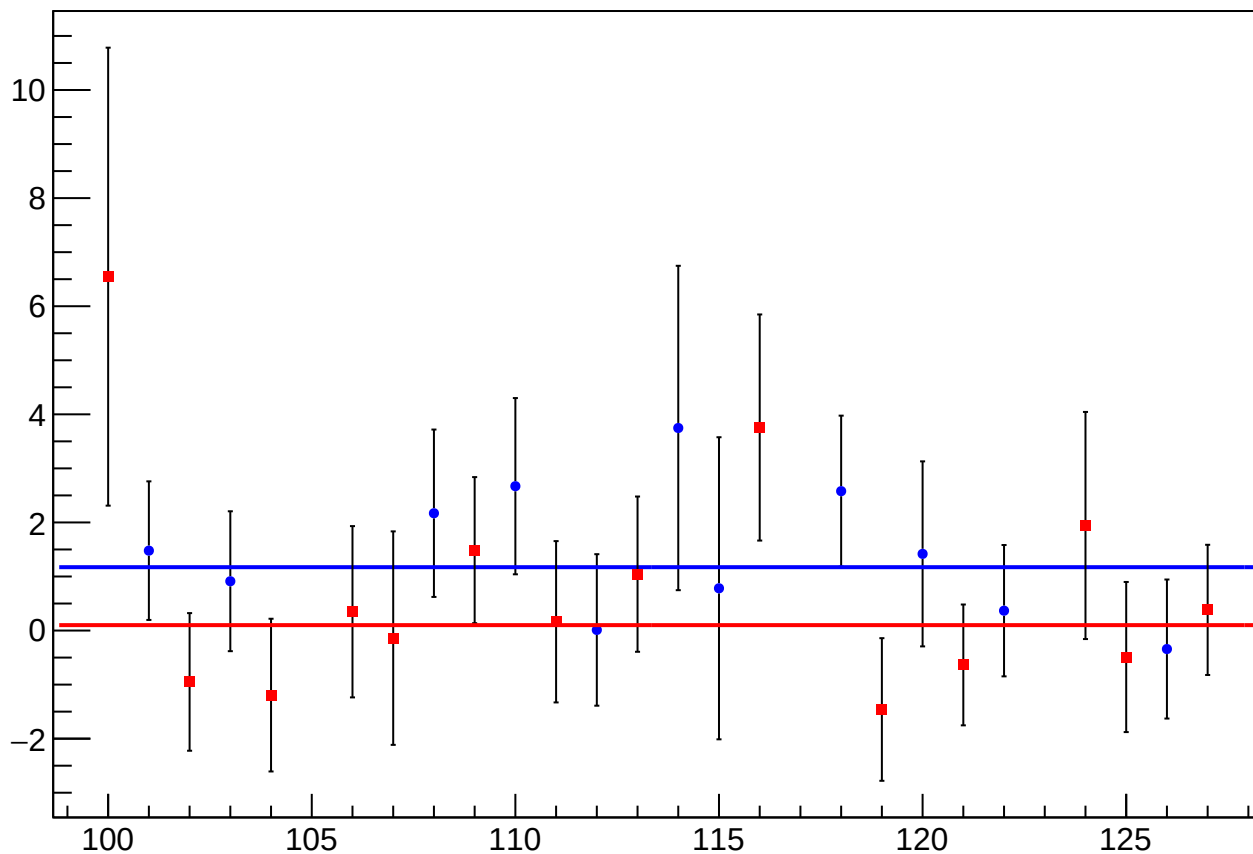
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8397.553+/-1.912 χ^2/NDF : 510198.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4acY_dd_mean vs Slug



Right In: 1.172 $\pm$ 0.453 χ^2 /NDF: 5.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.100 $\pm$ 0.397 χ^2 /NDF: 11.3/13

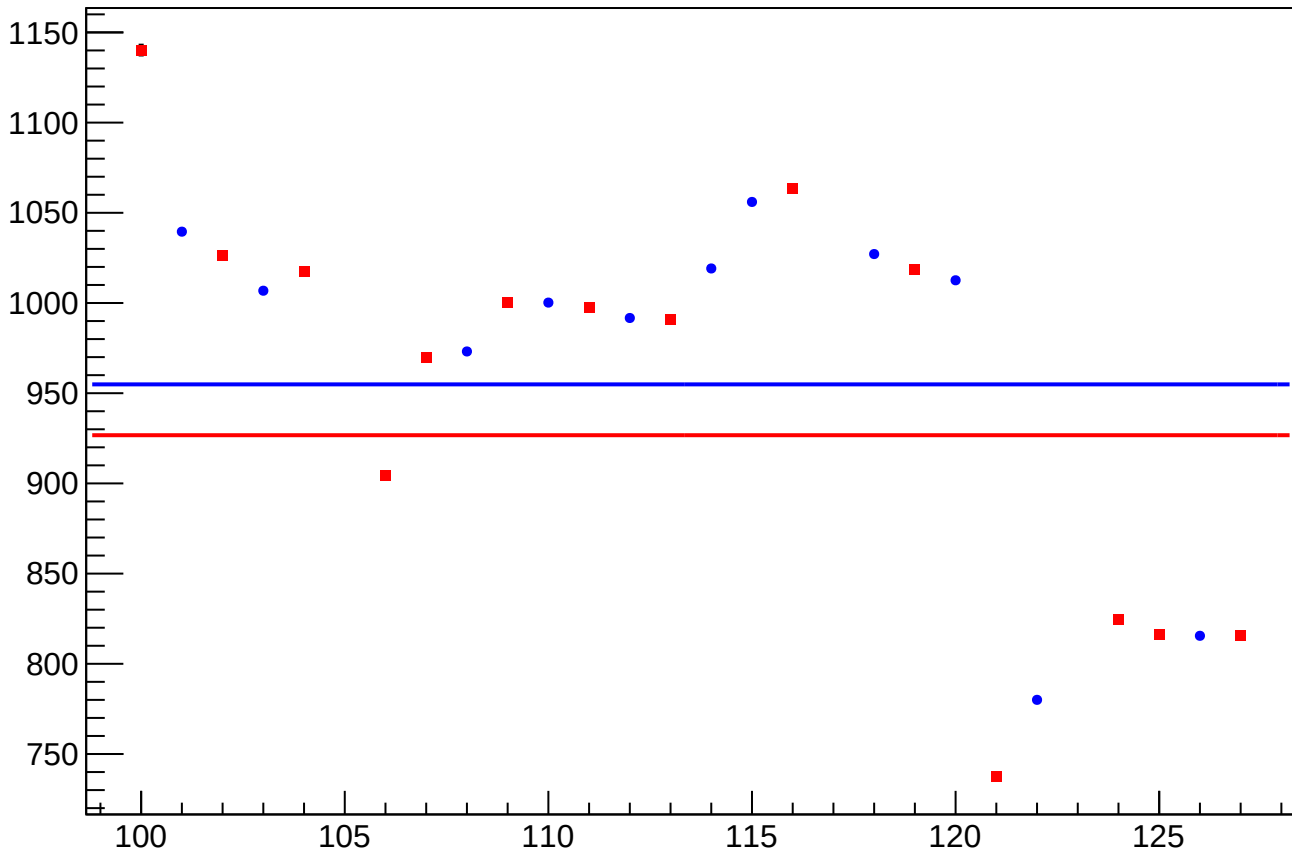
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.566 $\pm$ 0.298 χ^2 /NDF: 20.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aY_4acY_dd_rms vs Slug



Right In: 954.893+/-0.320 χ^2/NDF : 91228.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 926.715+/-0.281 χ^2/NDF : 151271.6/13

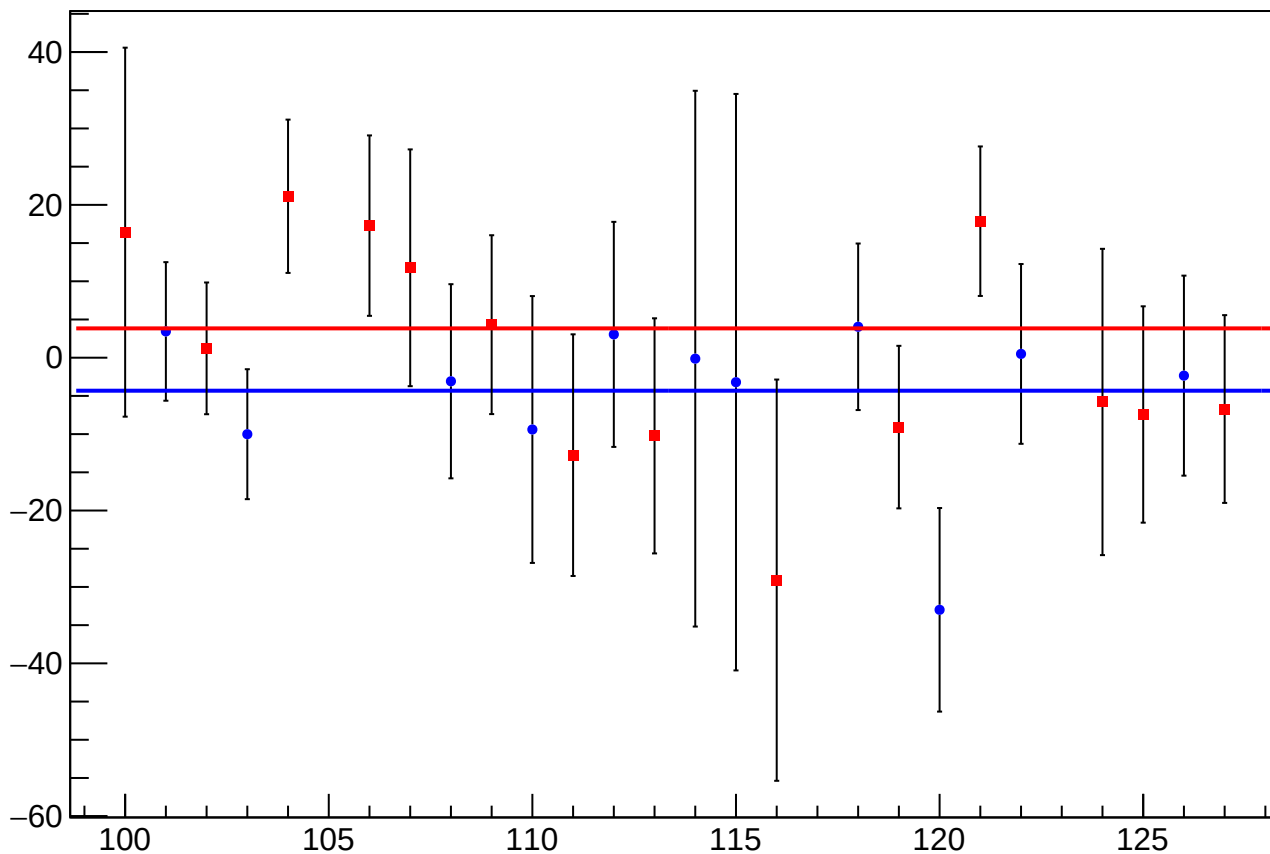
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 938.967+/-0.211 χ^2/NDF : 246883.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4eY_avg_mean vs Slug



Right In: -4.320 ± 3.815 χ^2/NDF : 7.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 3.836 ± 3.394 χ^2/NDF : 13.5/13

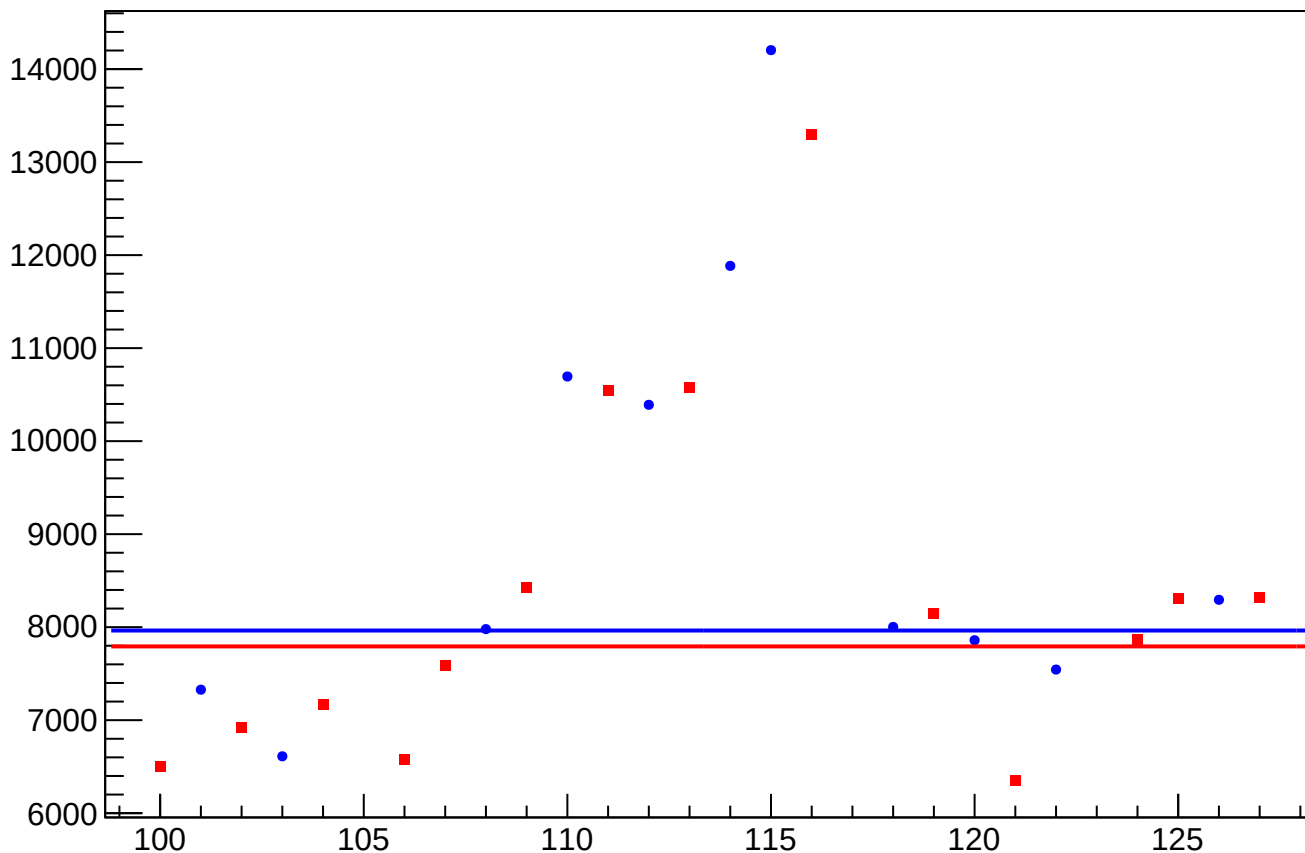
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.233 ± 2.536 χ^2/NDF : 23.0/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4eY_avg_rms vs Slug



Right In: 7963.912 $\pm$ 2.697 χ^2 /NDF: 247423.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7792.974 $\pm$ 2.400 χ^2 /NDF: 327015.0/13

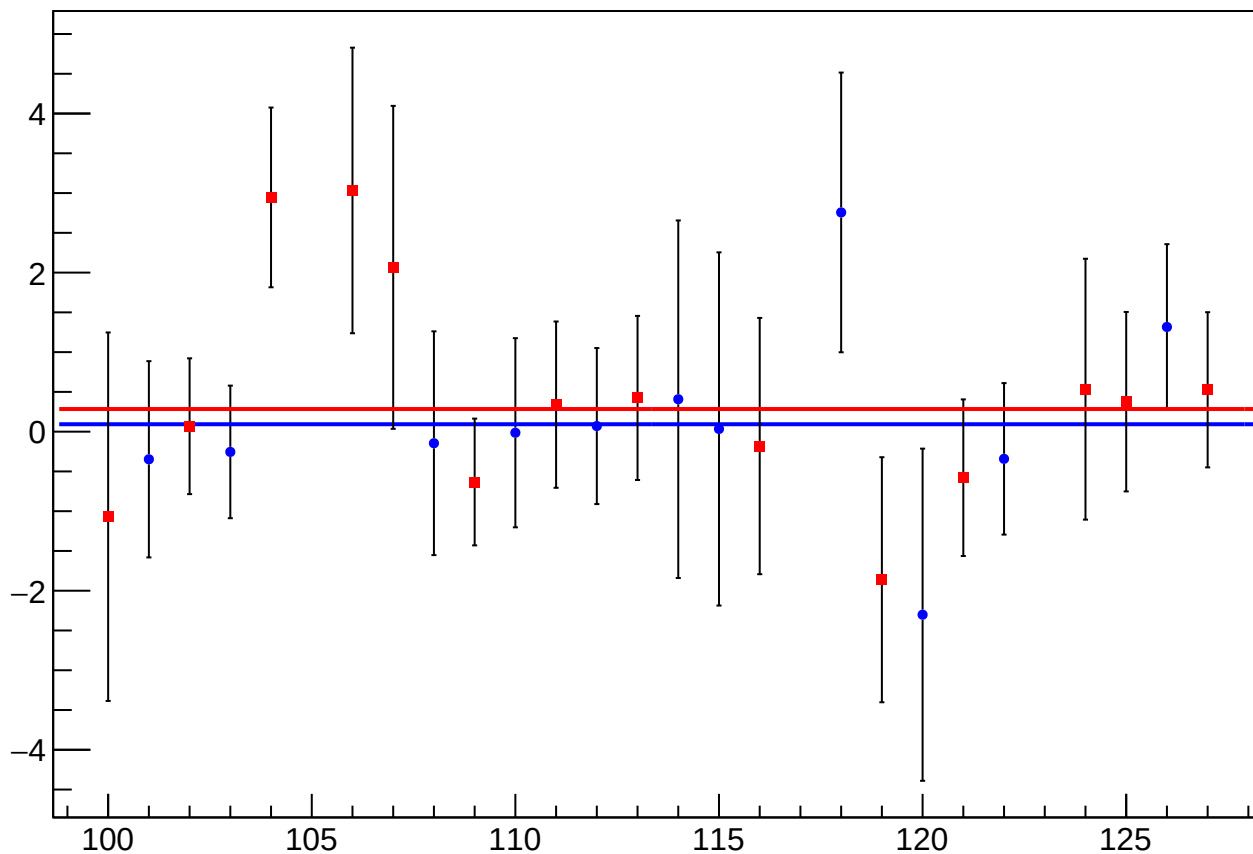
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7868.496 $\pm$ 1.793 χ^2 /NDF: 576680.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aY_4eY_dd_mean vs Slug



Right In: 0.093 ± 0.369 χ^2/NDF : 5.6/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.285 ± 0.311 χ^2/NDF : 13.3/13

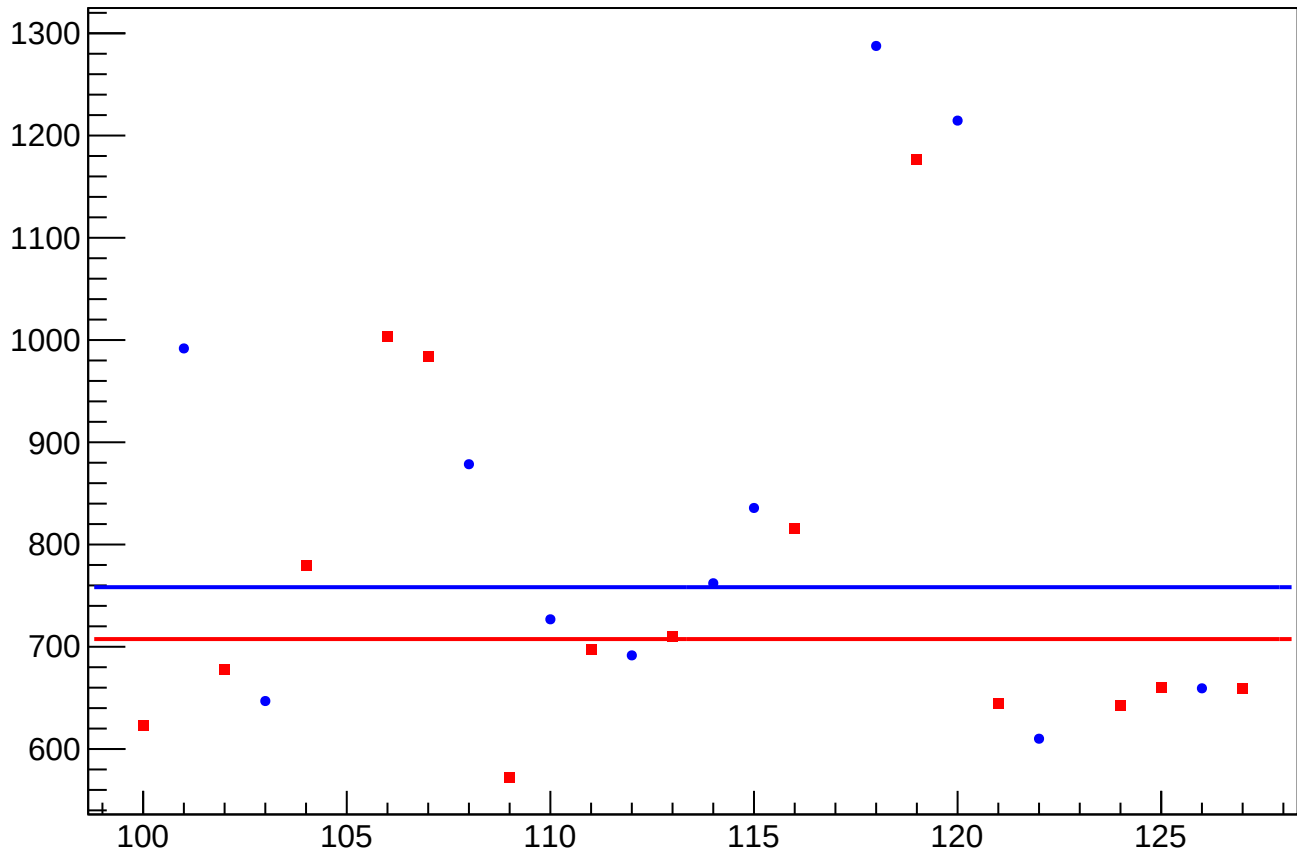
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.205 ± 0.238 χ^2/NDF : 19.0/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4eY_dd_rms vs Slug



Right In: 758.286+/-0.261 χ^2/NDF : 478243.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 707.530+/-0.220 χ^2/NDF : 376067.0/13

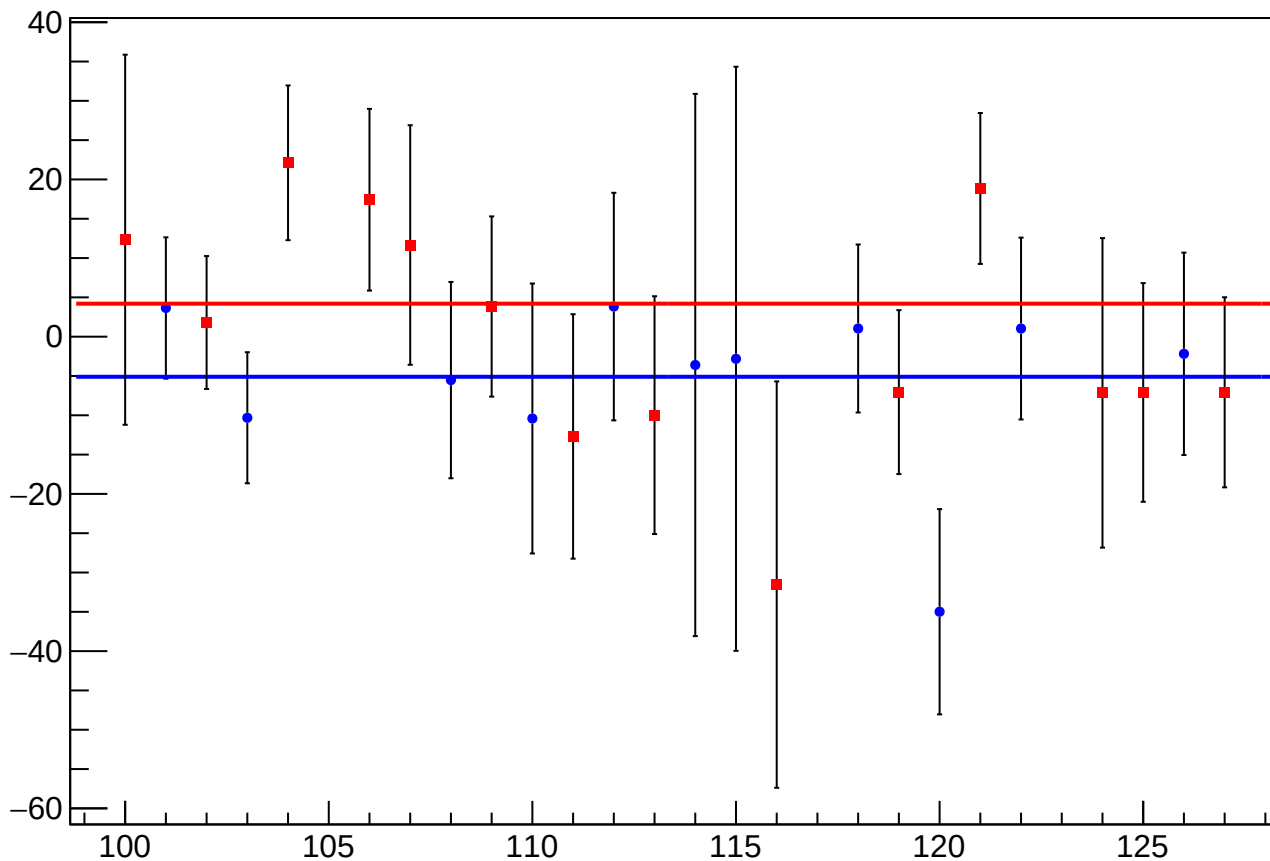
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 728.543+/-0.168 χ^2/NDF : 876429.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4ecY_avg_mean vs Slug



Right In: -5.102 $\pm$ 3.752 χ^2 /NDF: 7.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.197 $\pm$ 3.330 χ^2 /NDF: 14.4/13

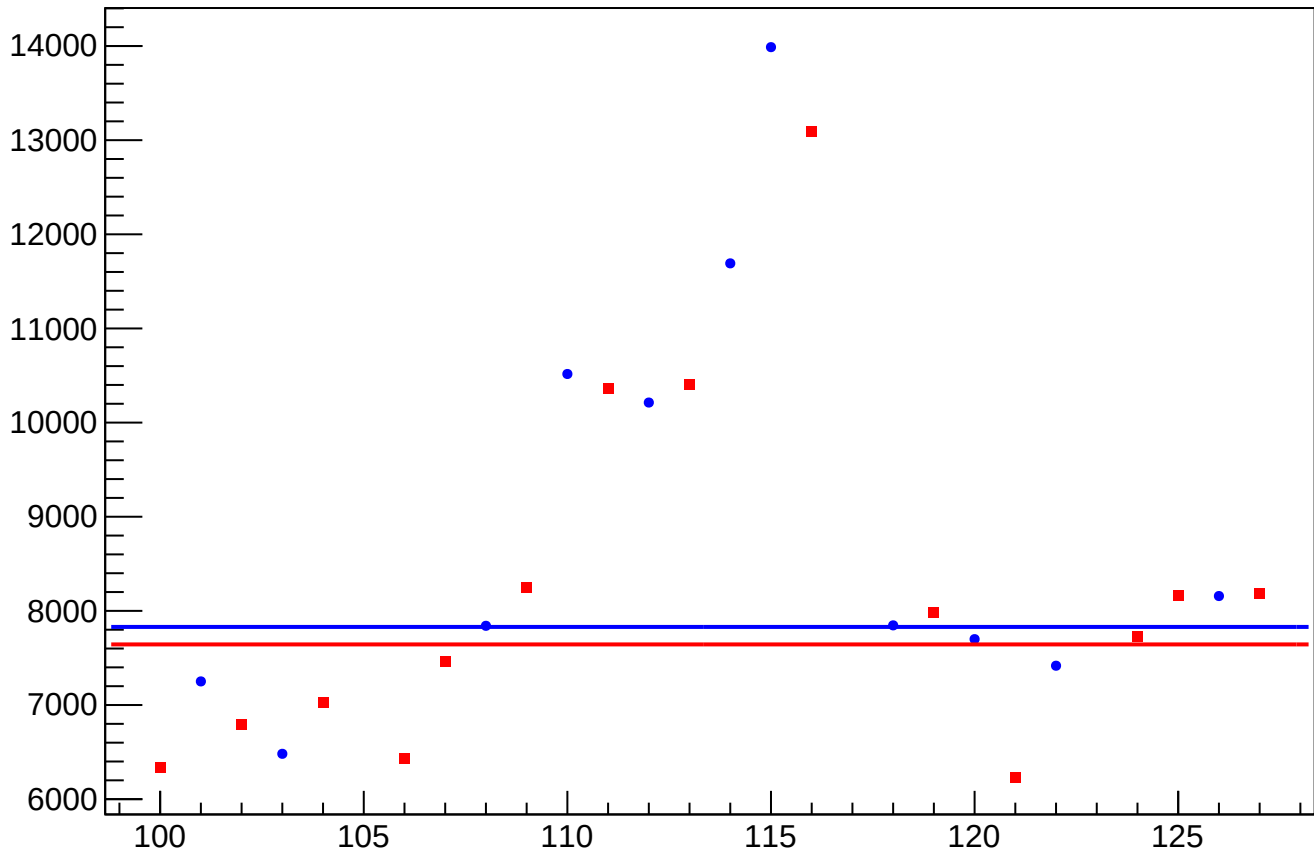
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.099 $\pm$ 2.491 χ^2 /NDF: 25.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aY_4ecY_avg_rms vs Slug



Right In: 7829.555+/-2.653 χ^2/NDF : 247863.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7643.730+/-2.355 χ^2/NDF : 330593.9/13

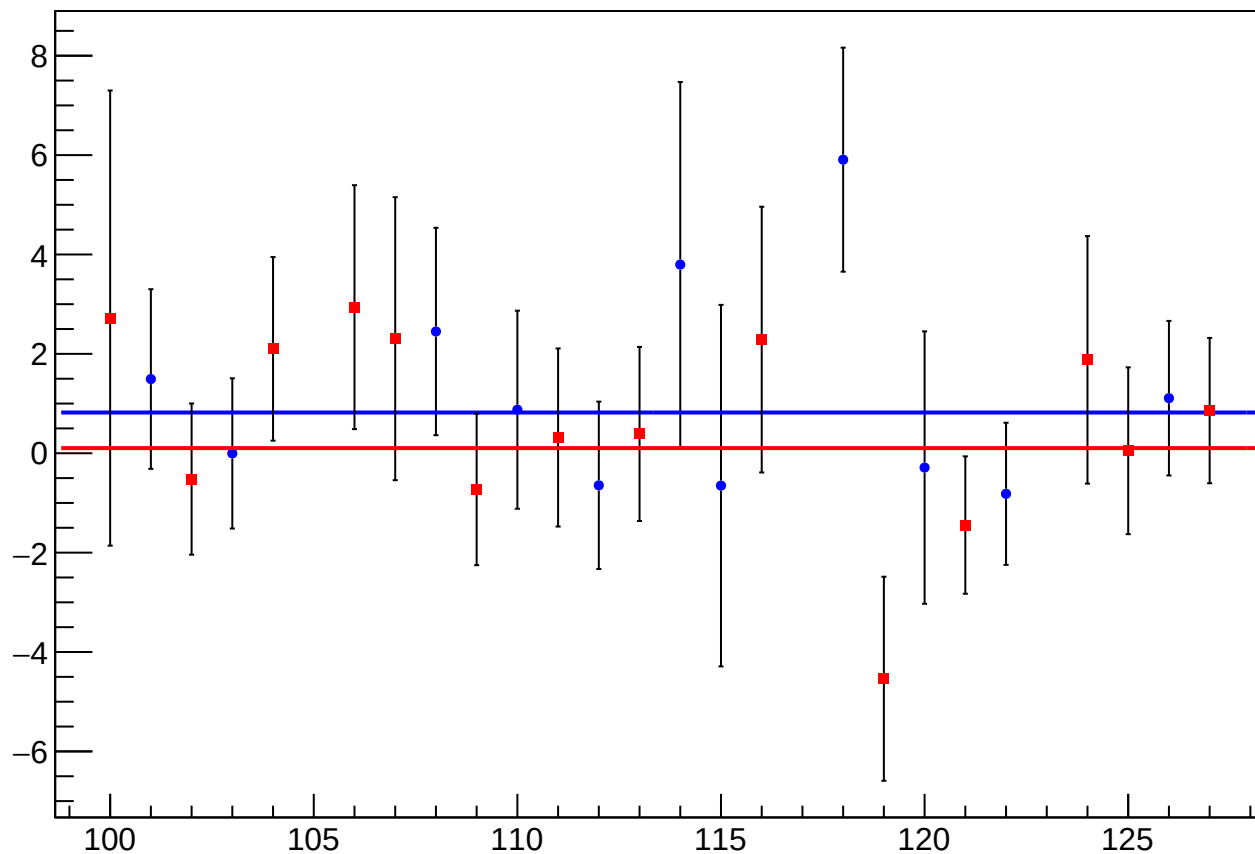
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7725.622+/-1.761 χ^2/NDF : 581201.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4ecY_dd_mean vs Slug



Right In: 0.820 $\pm$ 0.581 χ^2 /NDF: 9.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.103 $\pm$ 0.499 χ^2 /NDF: 11.7/13

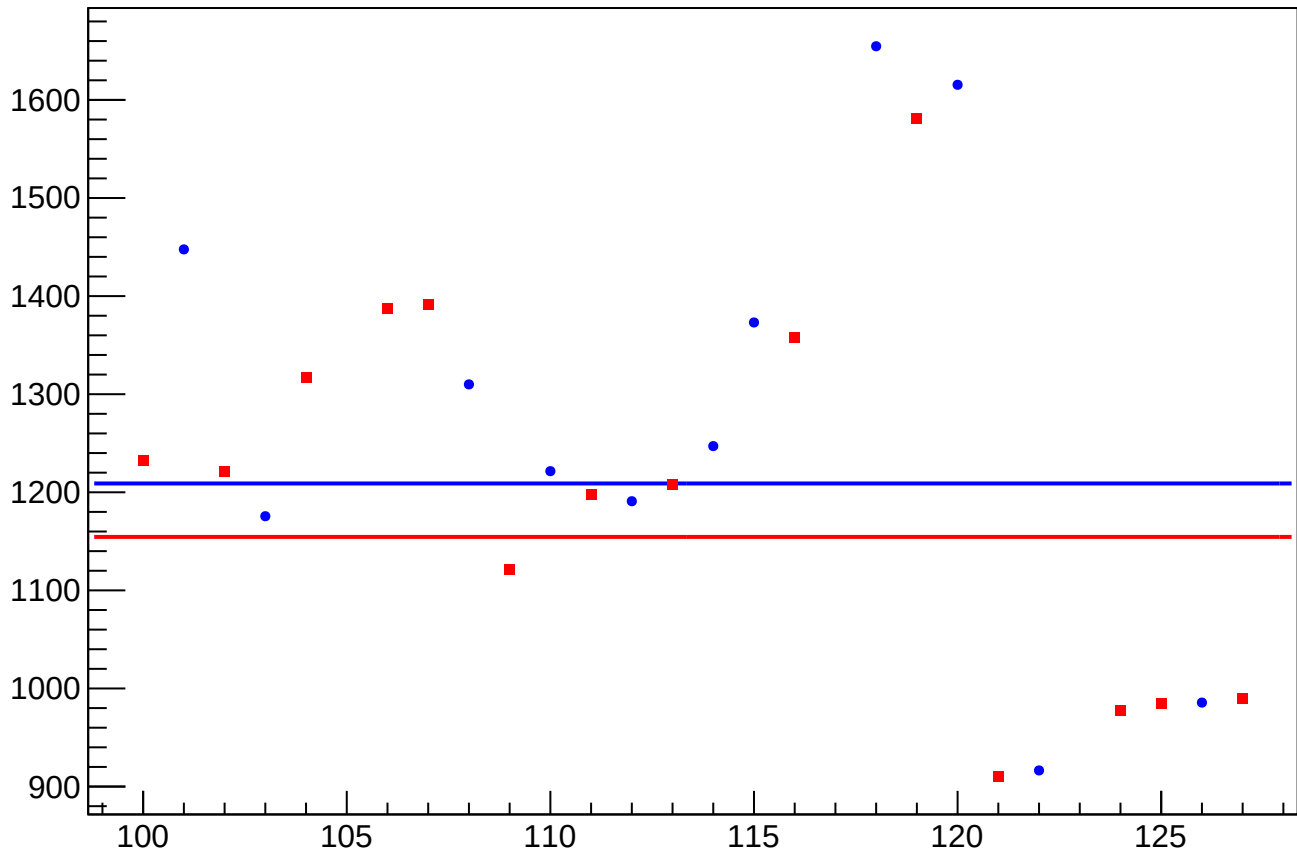
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.407 $\pm$ 0.379 χ^2 /NDF: 21.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aY_4ecY_dd_rms vs Slug



Right In: 1208.994+/-0.411 χ^2/NDF : 292254.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1154.508+/-0.353 χ^2/NDF : 272347.0/13

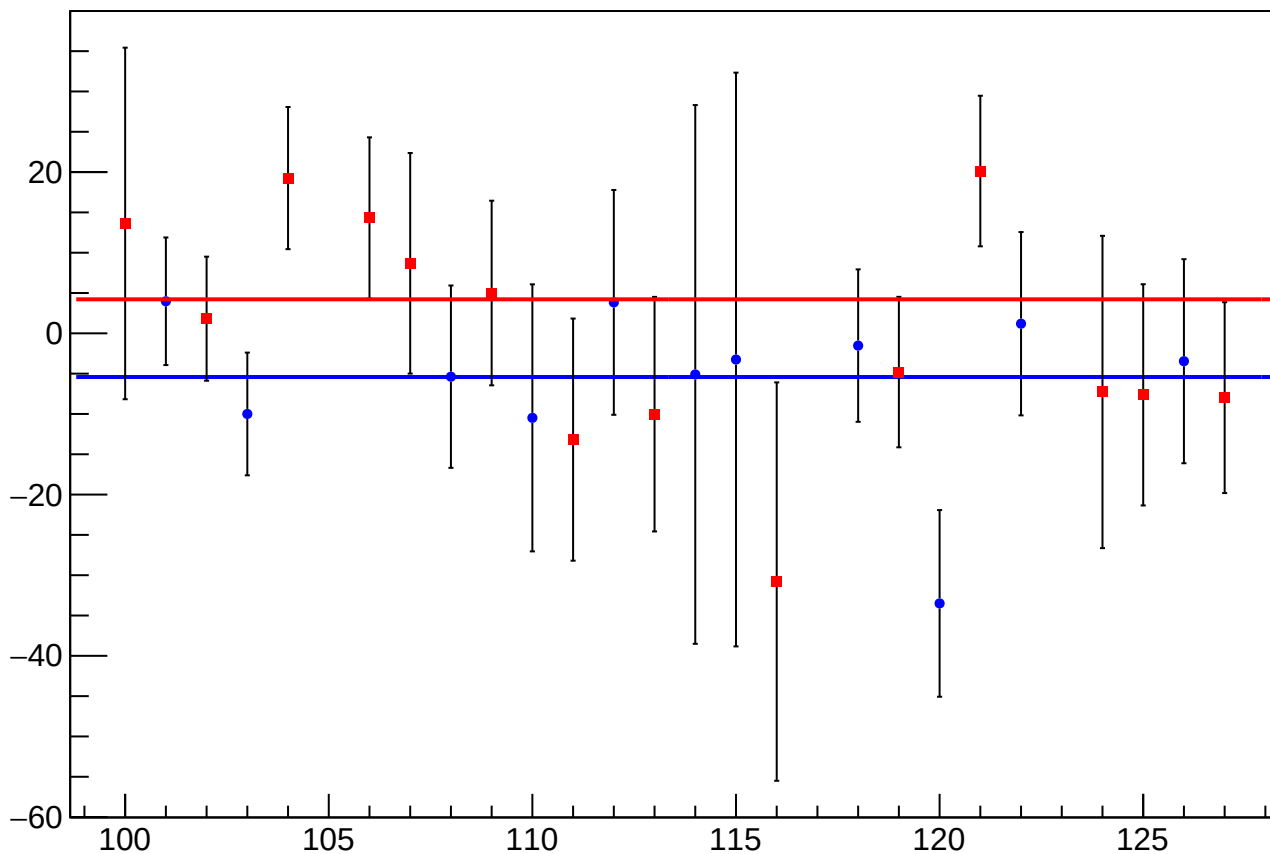
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1177.633+/-0.268 χ^2/NDF : 574715.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4eY_4ecY_avg_mean vs Slug



Right In: -5.419 $\pm$ 3.447 χ^2 /NDF: 8.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.218 $\pm$ 3.105 χ^2 /NDF: 14.6/13

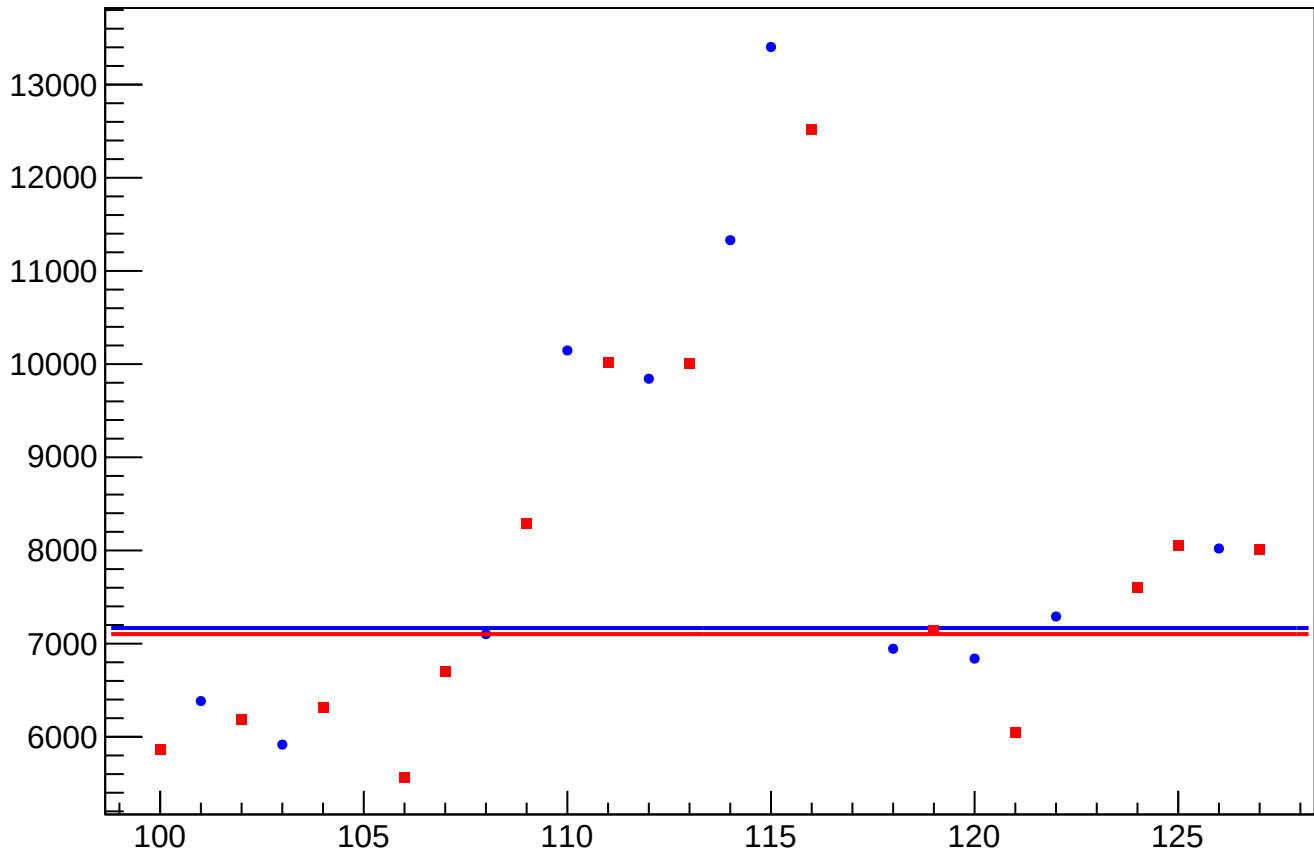
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.099 $\pm$ 2.307 χ^2 /NDF: 27.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4eY_4ecY_avg_rms vs Slug



Right In: 7167.466 $\pm$ 2.437 χ^2 /NDF: 316605.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7102.585 $\pm$ 2.196 χ^2 /NDF: 420554.9/13

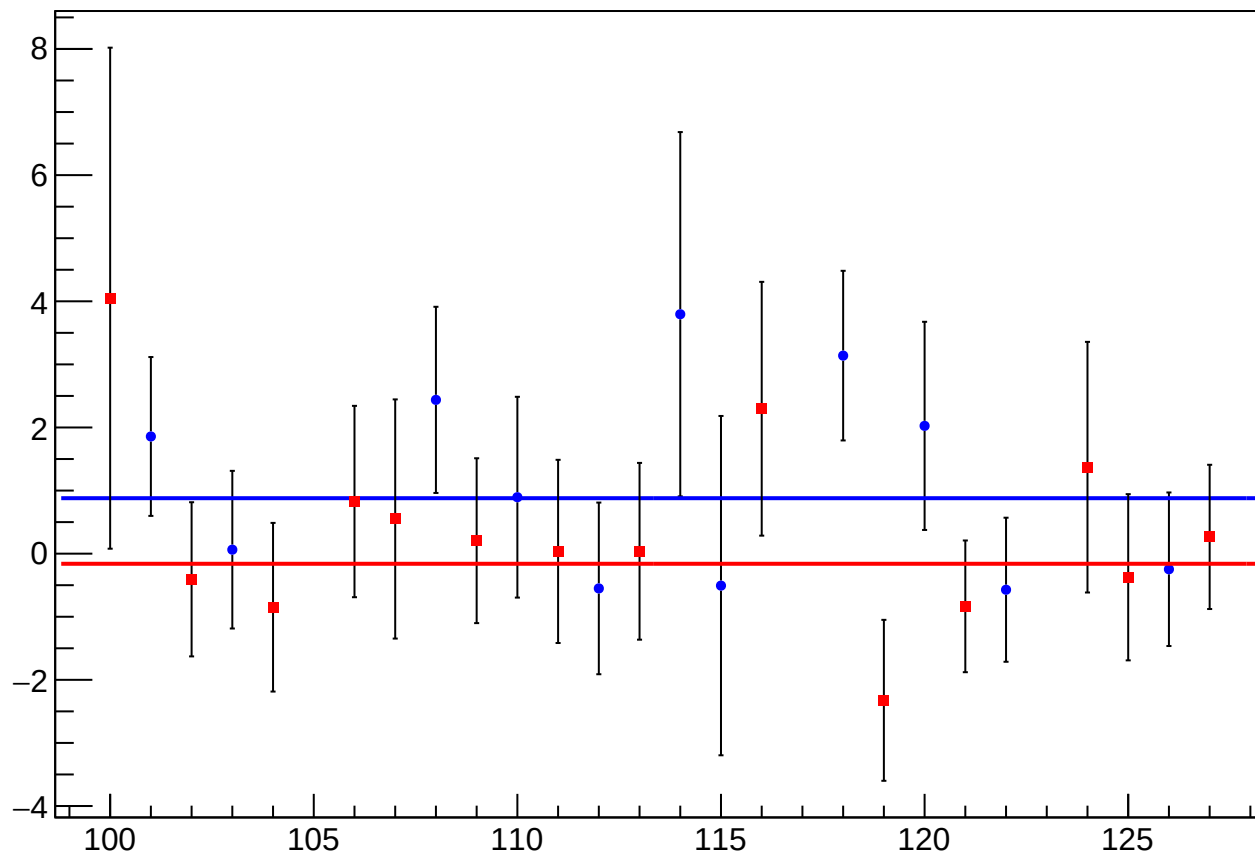
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7131.650 $\pm$ 1.631 χ^2 /NDF: 737552.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4eY_4ecY_dd_mean vs Slug



Right In: 0.879 $\pm$ 0.435 χ^2 /NDF: 10.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.160 $\pm$ 0.379 χ^2 /NDF: 7.7/13

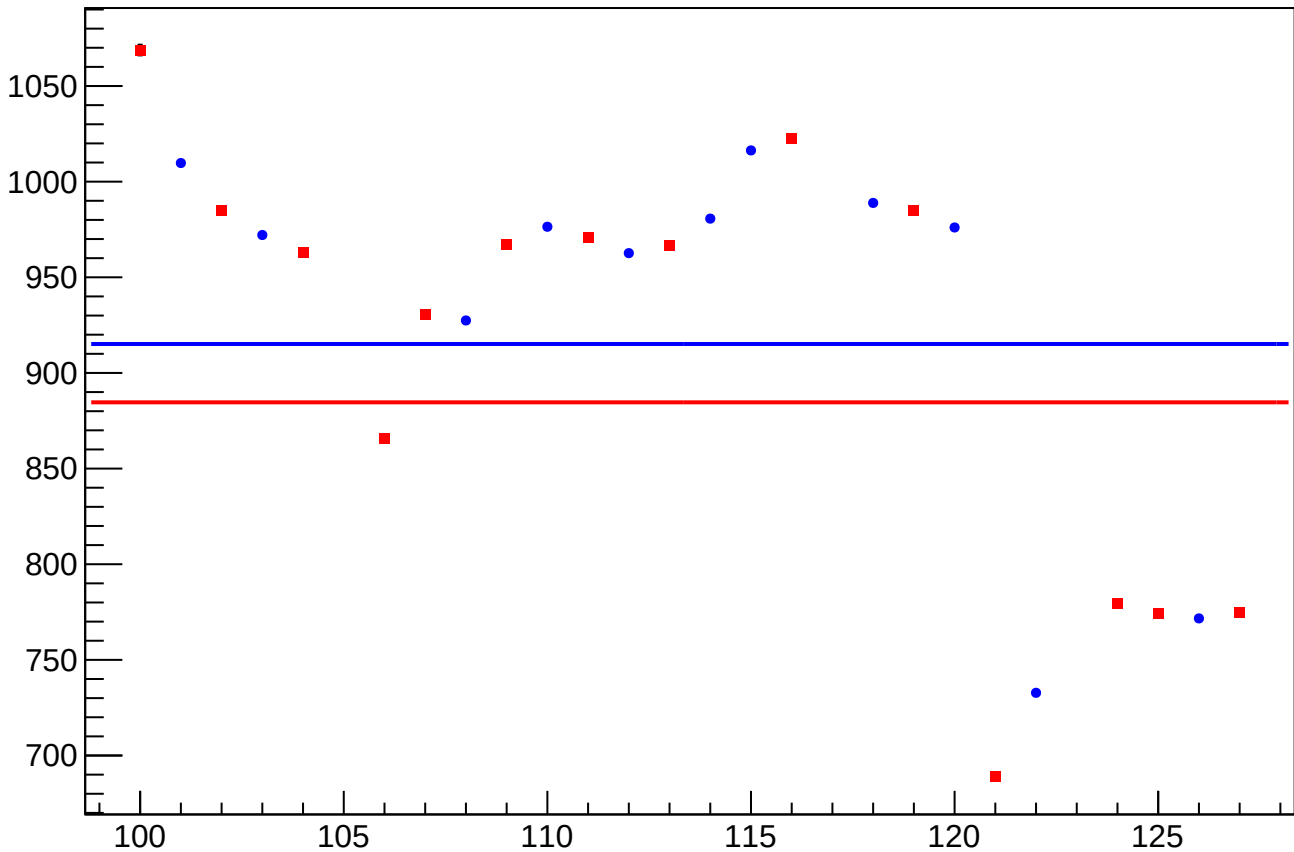
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.289 $\pm$ 0.286 χ^2 /NDF: 21.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4eY_4ecY_dd_rms vs Slug



Right In: 915.135 $\pm$ 0.308 χ^2 /NDF: 112408.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 884.635 $\pm$ 0.268 χ^2 /NDF: 178190.0/13

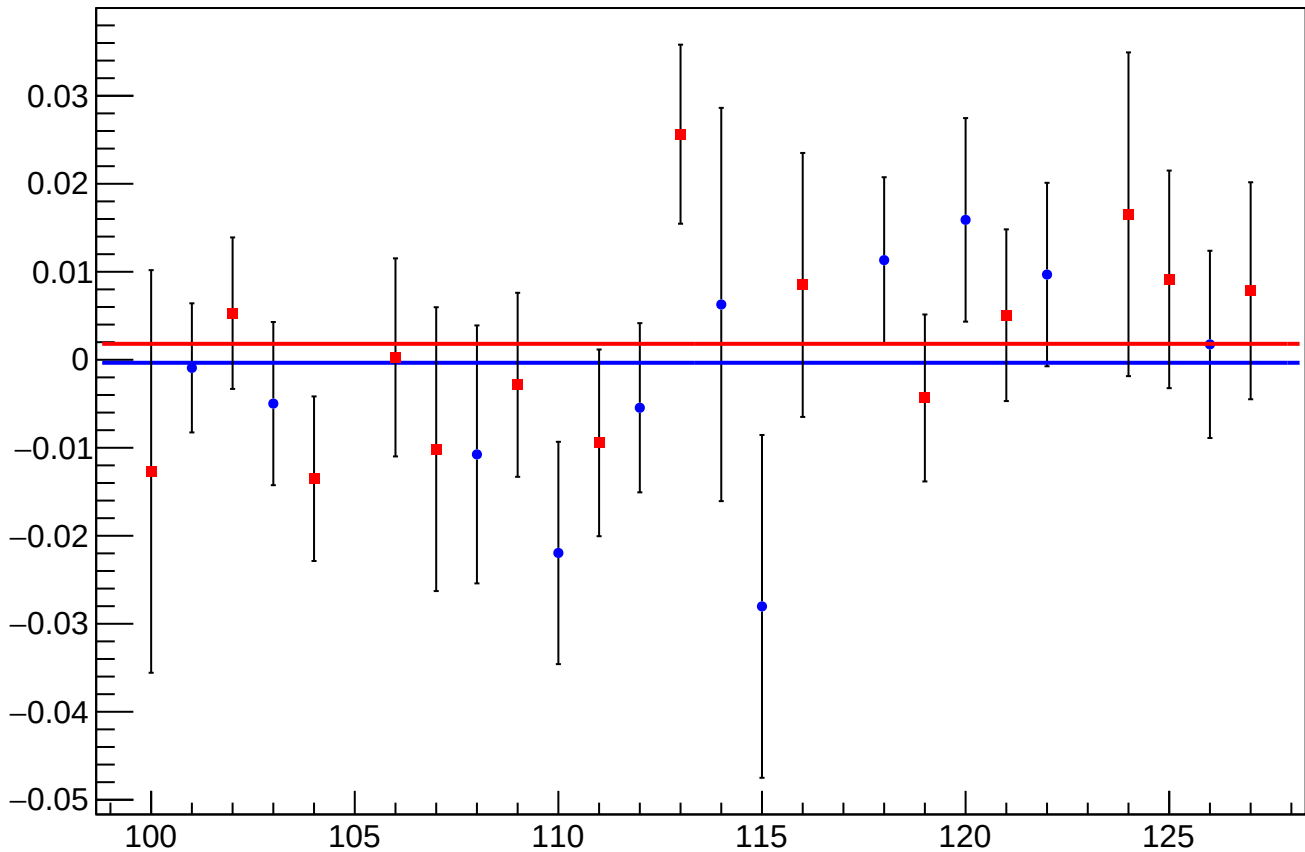
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 897.813 $\pm$ 0.202 χ^2 /NDF: 296185.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_dispE_bpm12X_mean vs Slug



Right In: -0.000 $\pm$ 0.003 χ^2 /NDF: 10.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.002 $\pm$ 0.003 χ^2 /NDF: 12.6/13

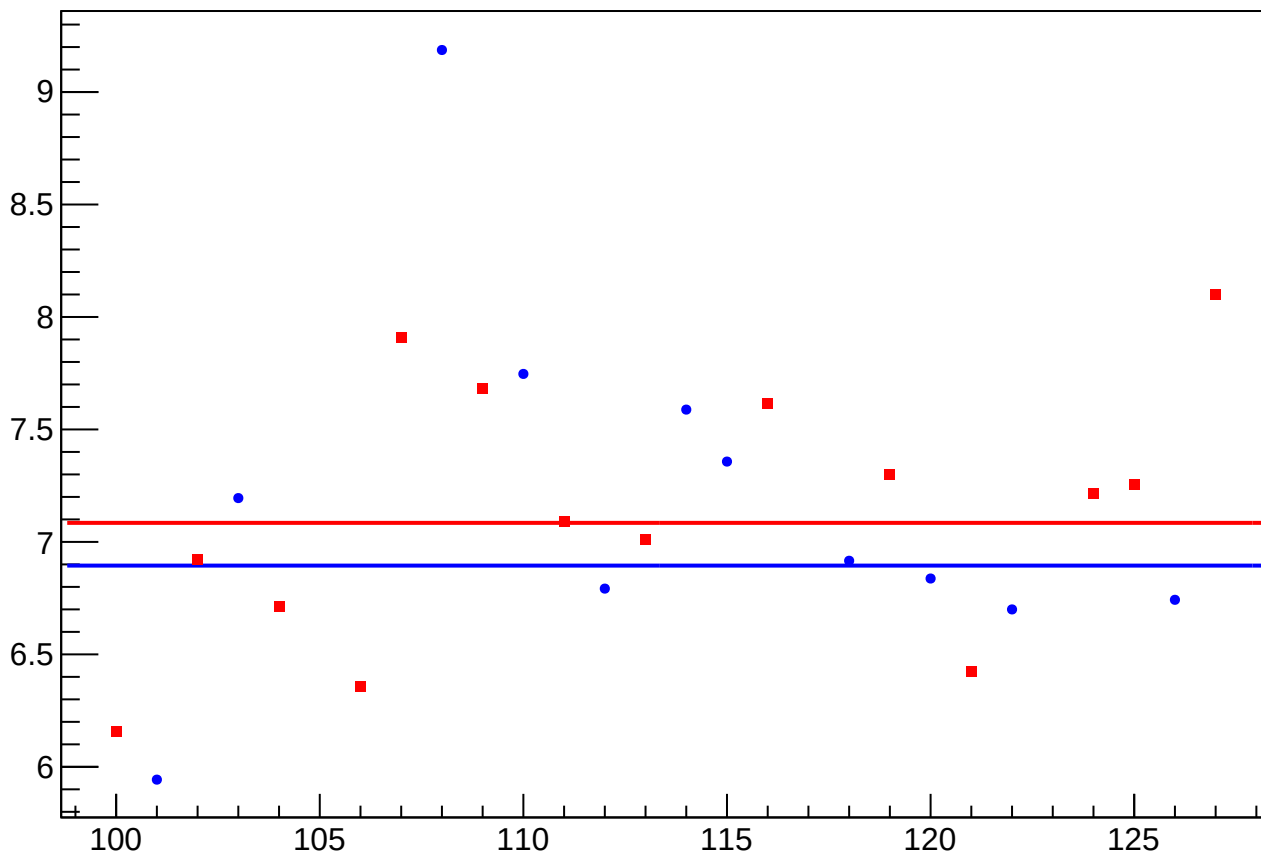
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.001 $\pm$ 0.002 χ^2 /NDF: 23.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_dispE_bpm12X_rms vs Slug



Right In: 6.895+/-0.002 χ^2/NDF : 98206.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.085+/-0.002 χ^2/NDF : 54135.9/13

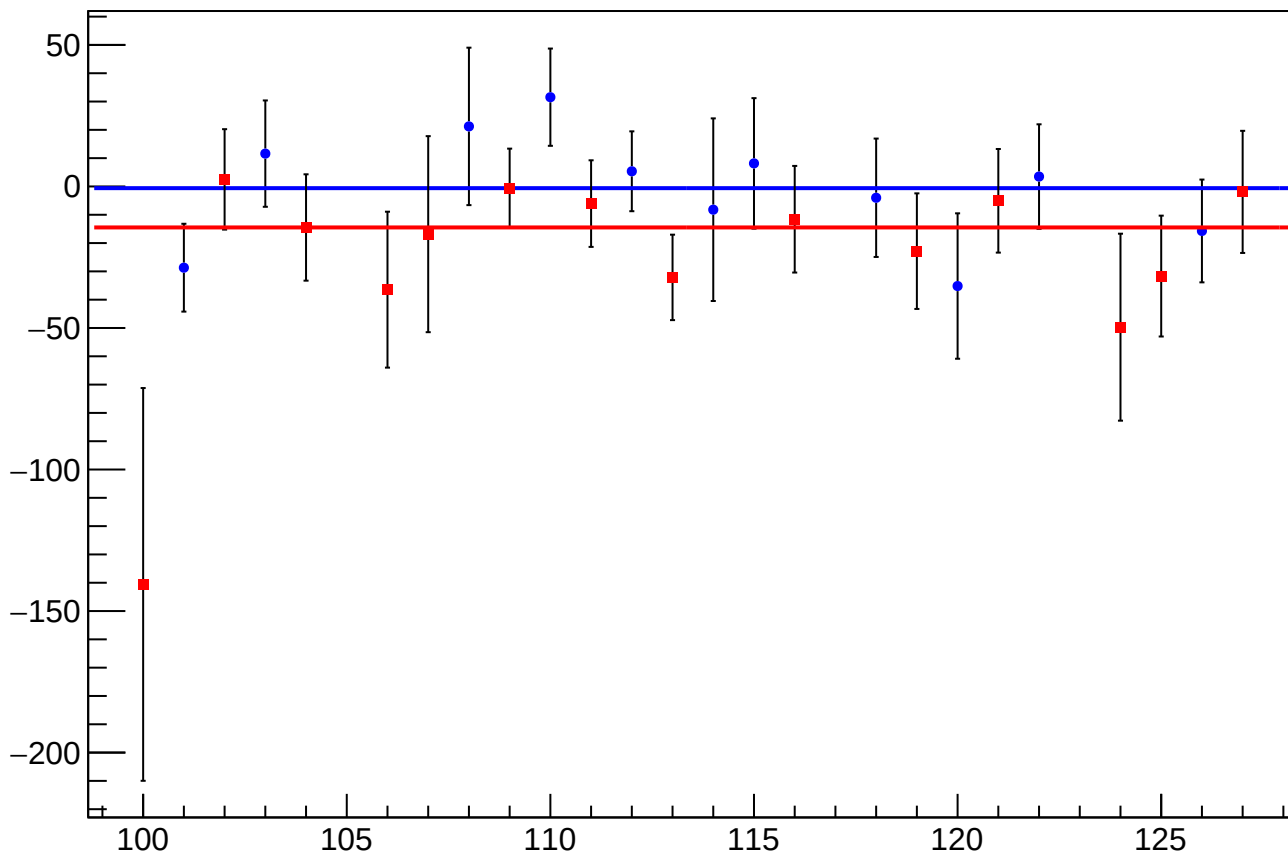
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.997+/-0.002 χ^2/NDF : 155964.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_targ_positionX_mean vs Slug



Right In: -0.598+/-5.841 χ^2/NDF : 10.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -14.479+/-5.297 χ^2/NDF : 10.1/13

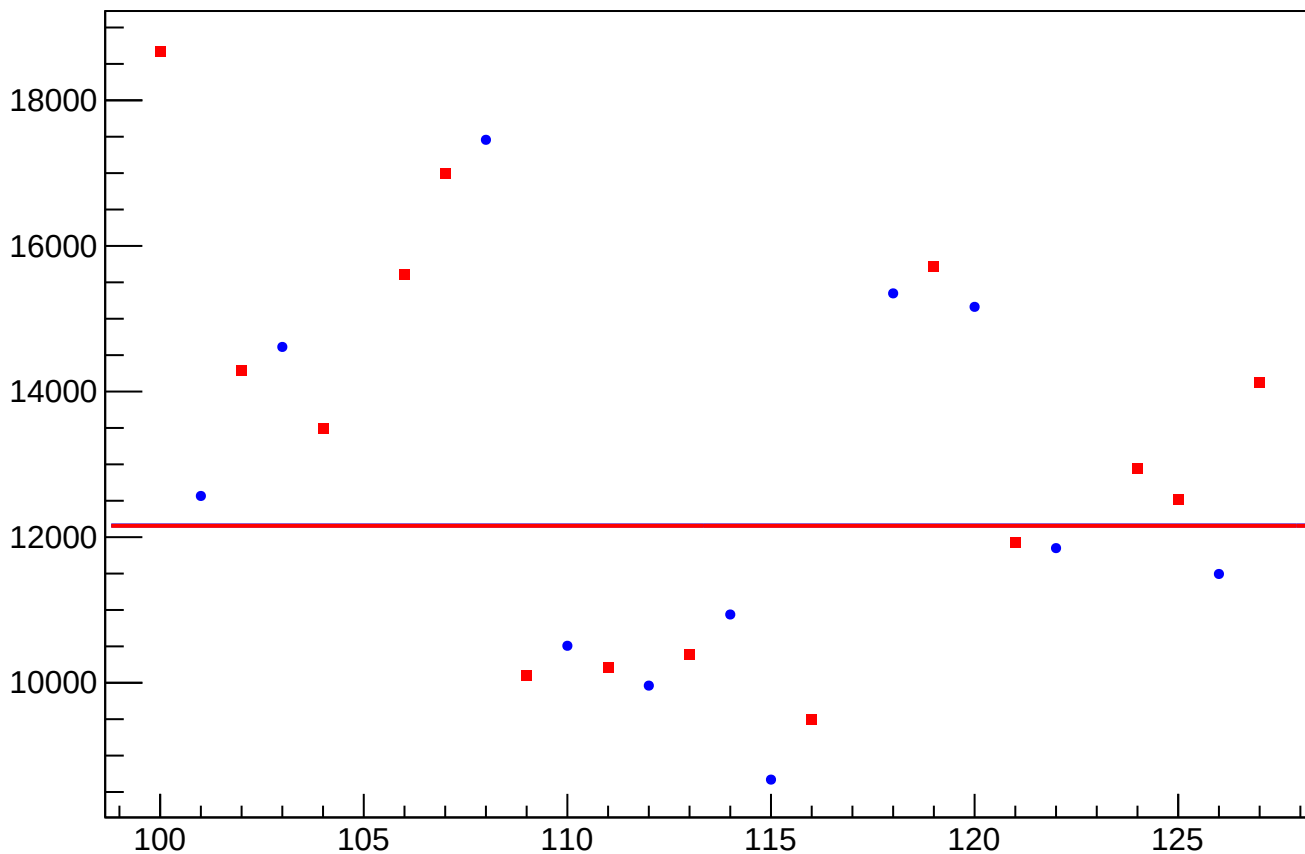
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.216+/-3.924 χ^2/NDF : 24.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_targ_positionX_rms vs Slug



Right In: 12160.324+/-4.130 χ^2/NDF : 300916.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12155.954+/-3.745 χ^2/NDF : 349315.9/13

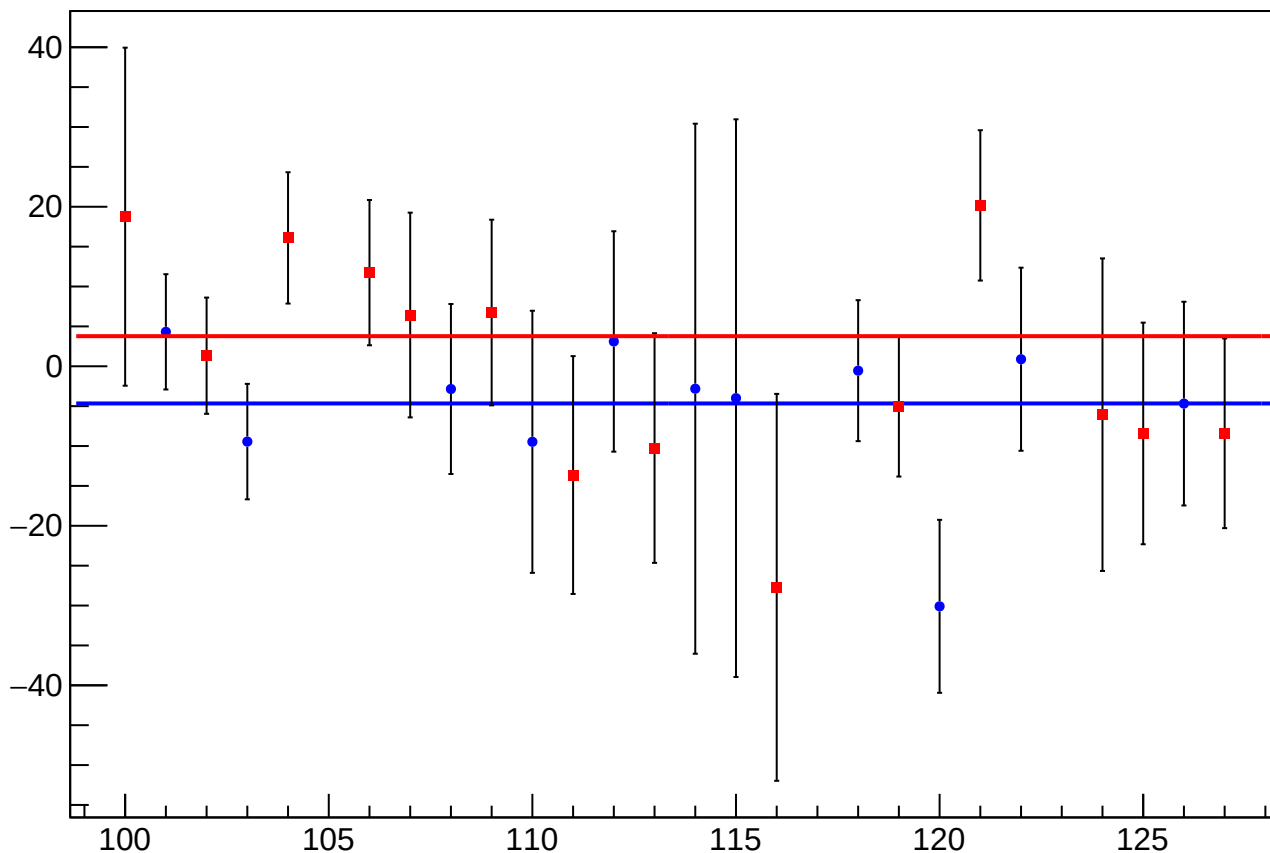
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12157.925+/-2.775 χ^2/NDF : 650233.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_targ_positionY_mean vs Slug



Right In: -4.662+/-3.284 χ^2 /NDF: 8.4/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 3.774+/-2.997 χ^2 /NDF: 13.8/13

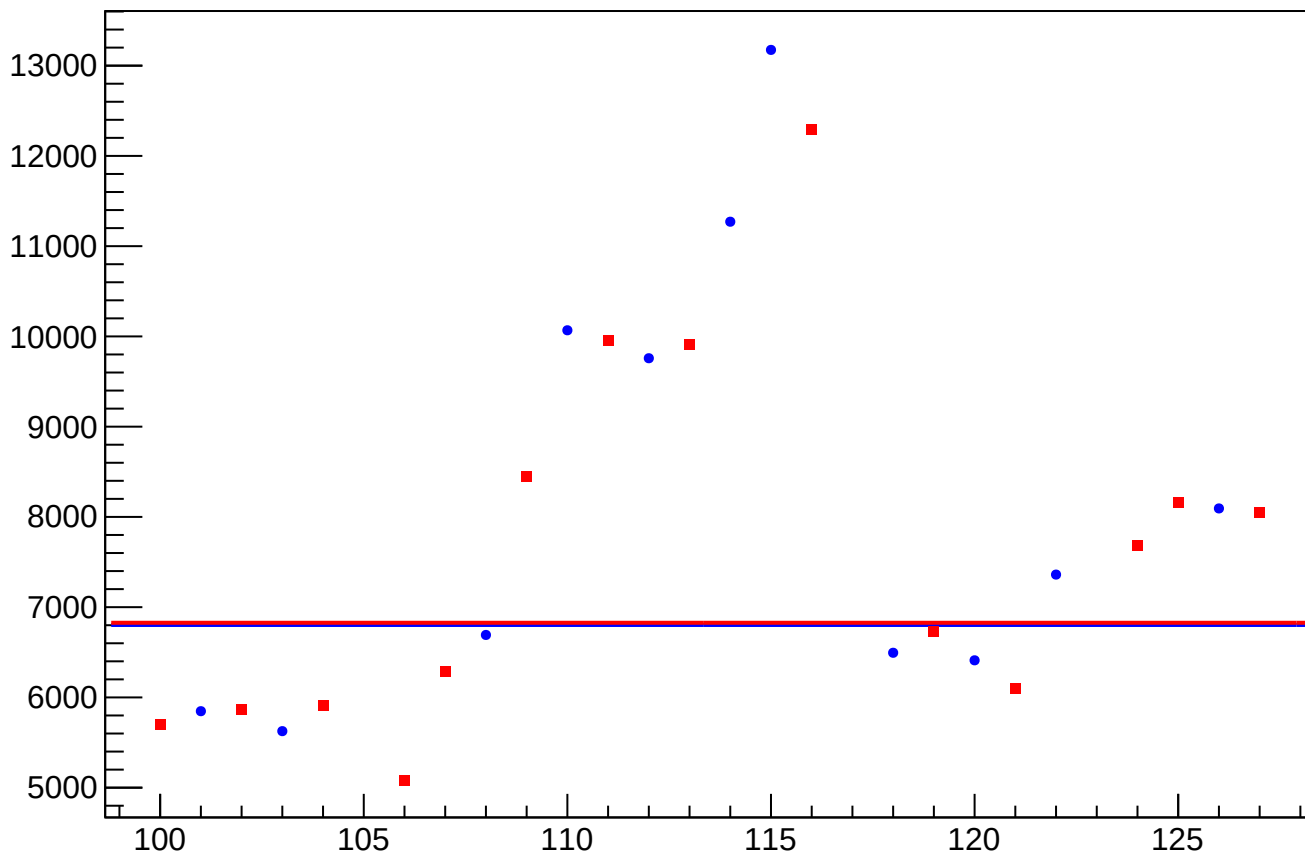
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.059+/-2.214 χ^2 /NDF: 25.8/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_targ_positionY_rms vs Slug



Right In: 6802.838+/-2.322 χ^2/NDF : 391285.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6827.178+/-2.119 χ^2/NDF : 517700.7/13

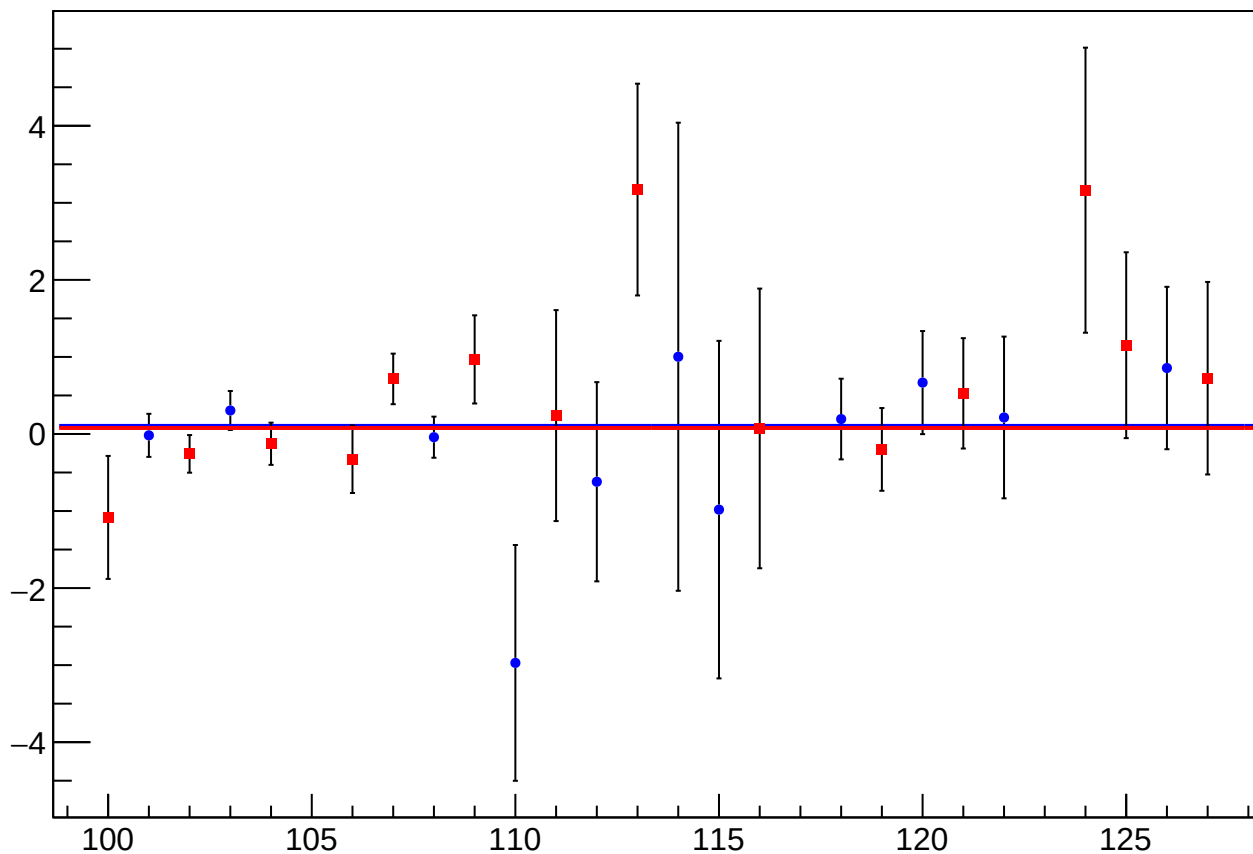
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6816.119+/-1.565 χ^2/NDF : 909046.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_targ_thetaX_mean vs Slug



Right In: 0.105 $\pm$ 0.139 χ^2 /NDF: 7.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.078 $\pm$ 0.132 χ^2 /NDF: 21.2/13

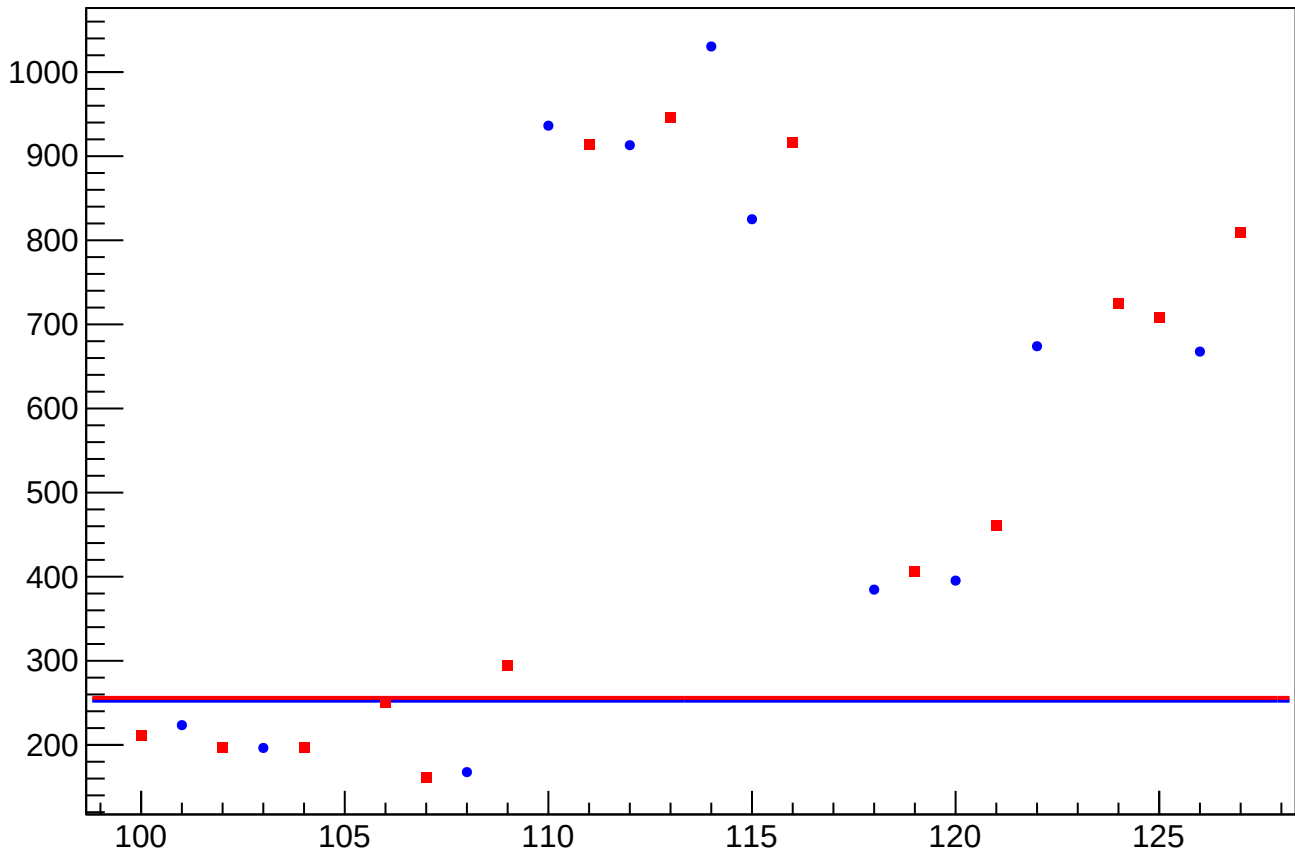
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.091 $\pm$ 0.096 χ^2 /NDF: 28.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_targ_thetaX_rms vs Slug



Right In: 252.610 $\pm$ 0.098 χ^2 /NDF: 2363400.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 255.916 $\pm$ 0.093 χ^2 /NDF: 2749446.7/13

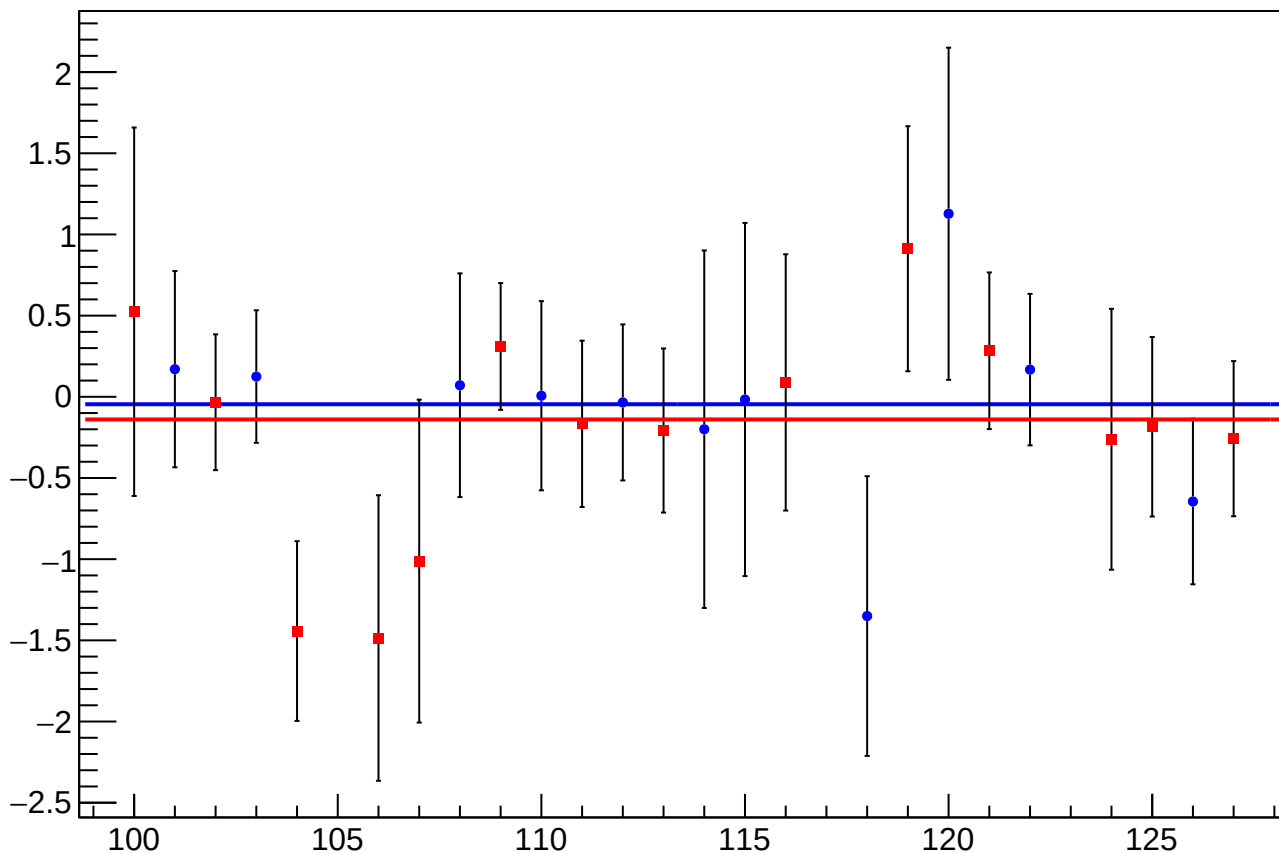
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 254.355 $\pm$ 0.068 χ^2 /NDF: 5113442.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_targ_thetaY_mean vs Slug



Right In: -0.046 ± 0.181 χ^2/NDF : 5.6/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.139 ± 0.152 χ^2/NDF : 13.3/13

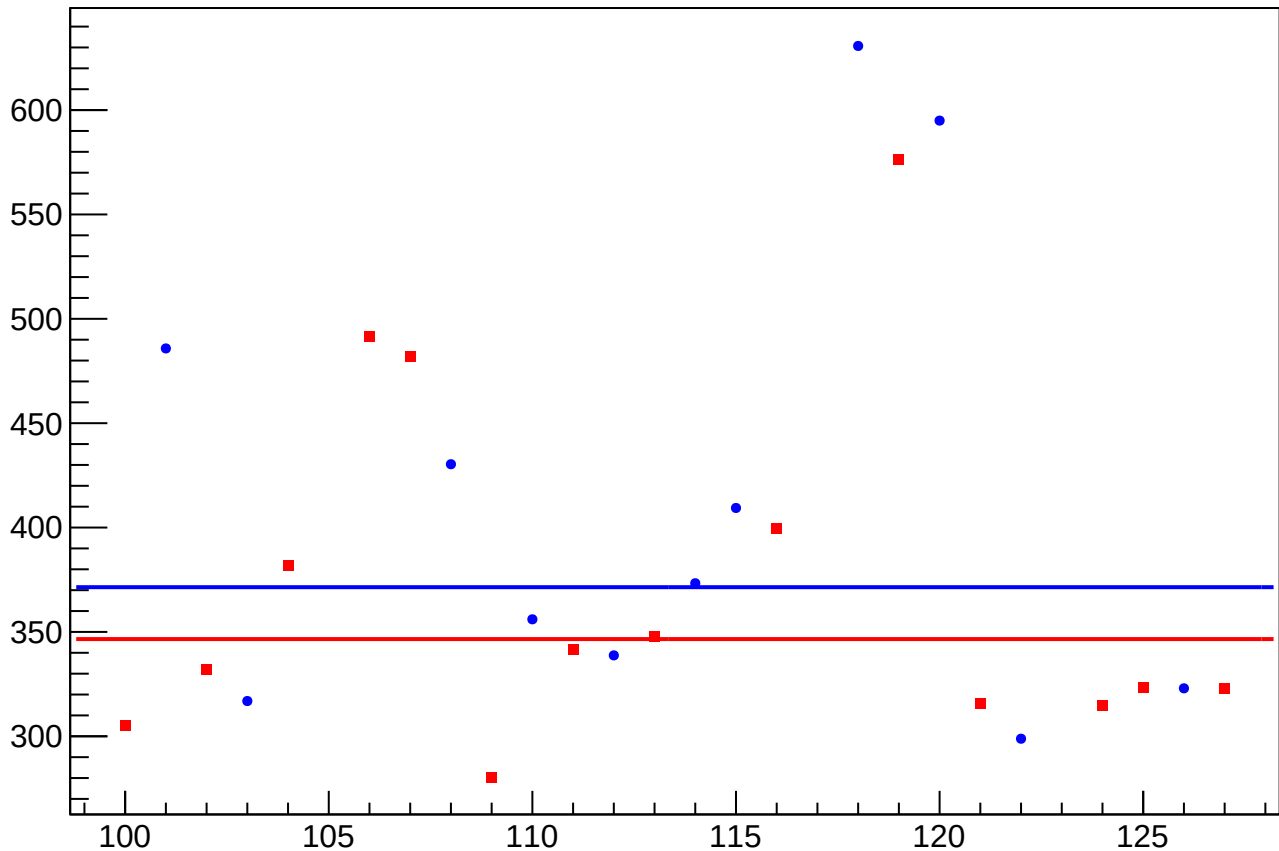
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.101 ± 0.116 χ^2/NDF : 19.0/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_targ_thetaY_rms vs Slug



Right In: 371.436+/-0.128 χ^2/NDF : 478243.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 346.574+/-0.108 χ^2/NDF : 376067.0/13

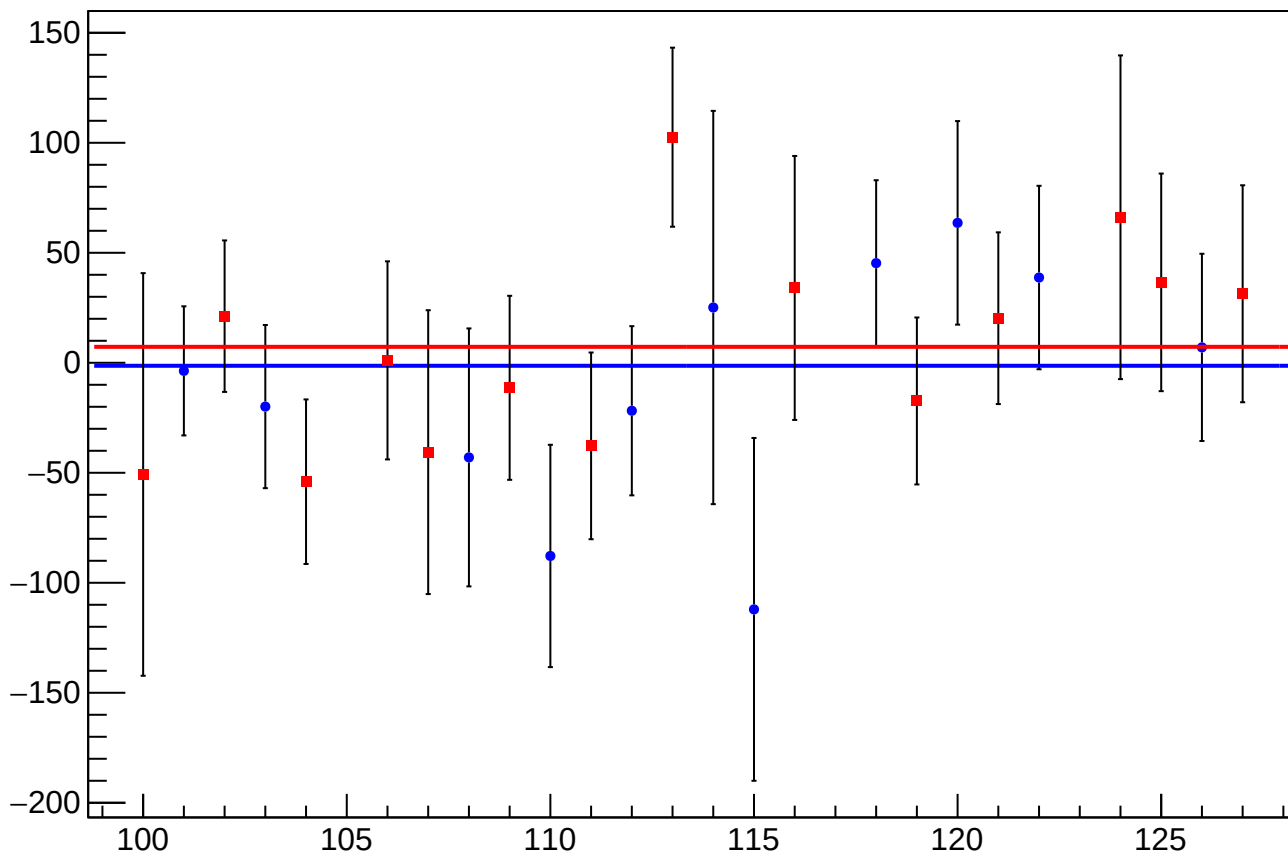
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 356.867+/-0.082 χ^2/NDF : 876429.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmE_mean vs Slug



Right In: -1.361+/-13.090 χ^2/NDF : 10.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.256+/-12.148 χ^2/NDF : 12.6/13

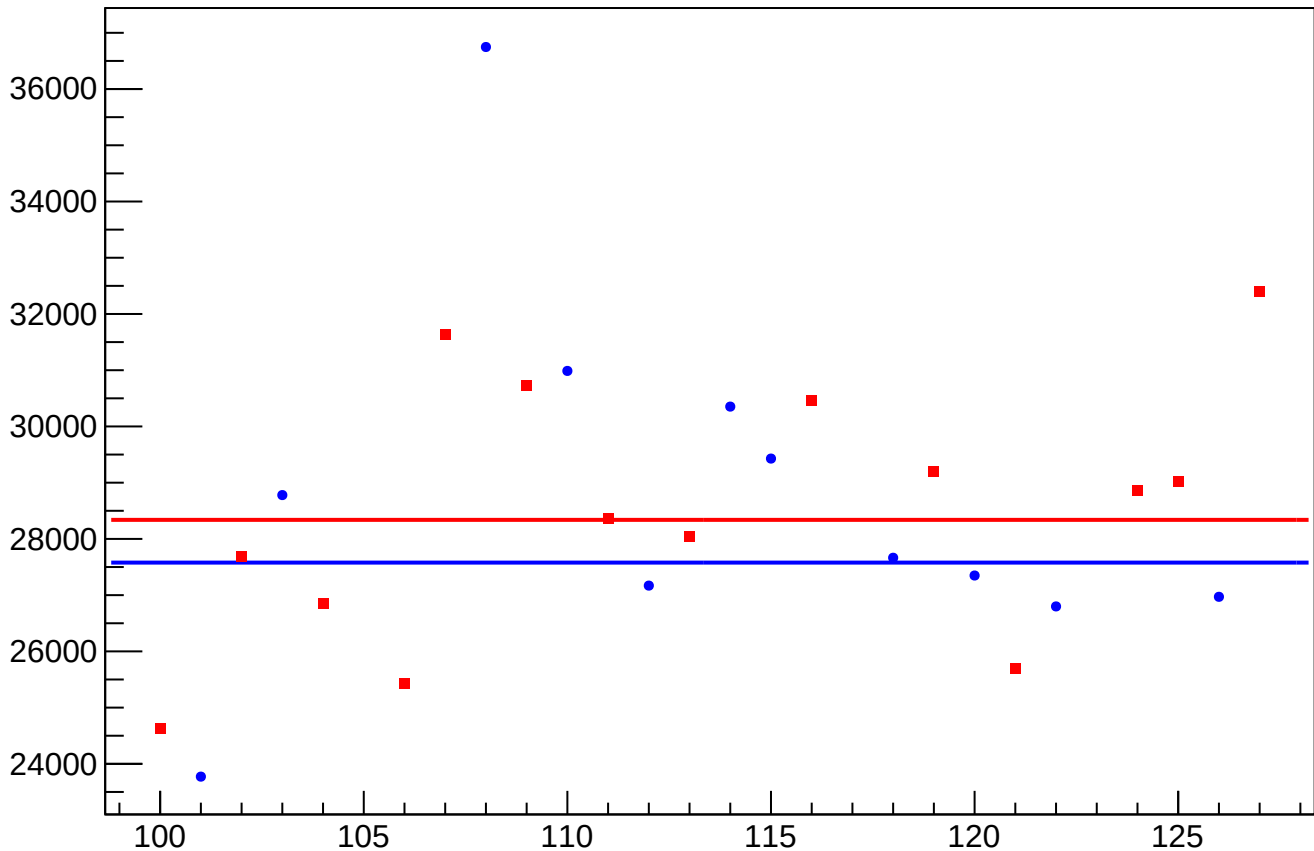
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.268+/-8.905 χ^2/NDF : 23.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmE_rms vs Slug



Right In: 27578.767 $\pm$ 9.256 χ^2 /NDF: 98206.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 28338.692 $\pm$ 8.590 χ^2 /NDF: 54135.9/13

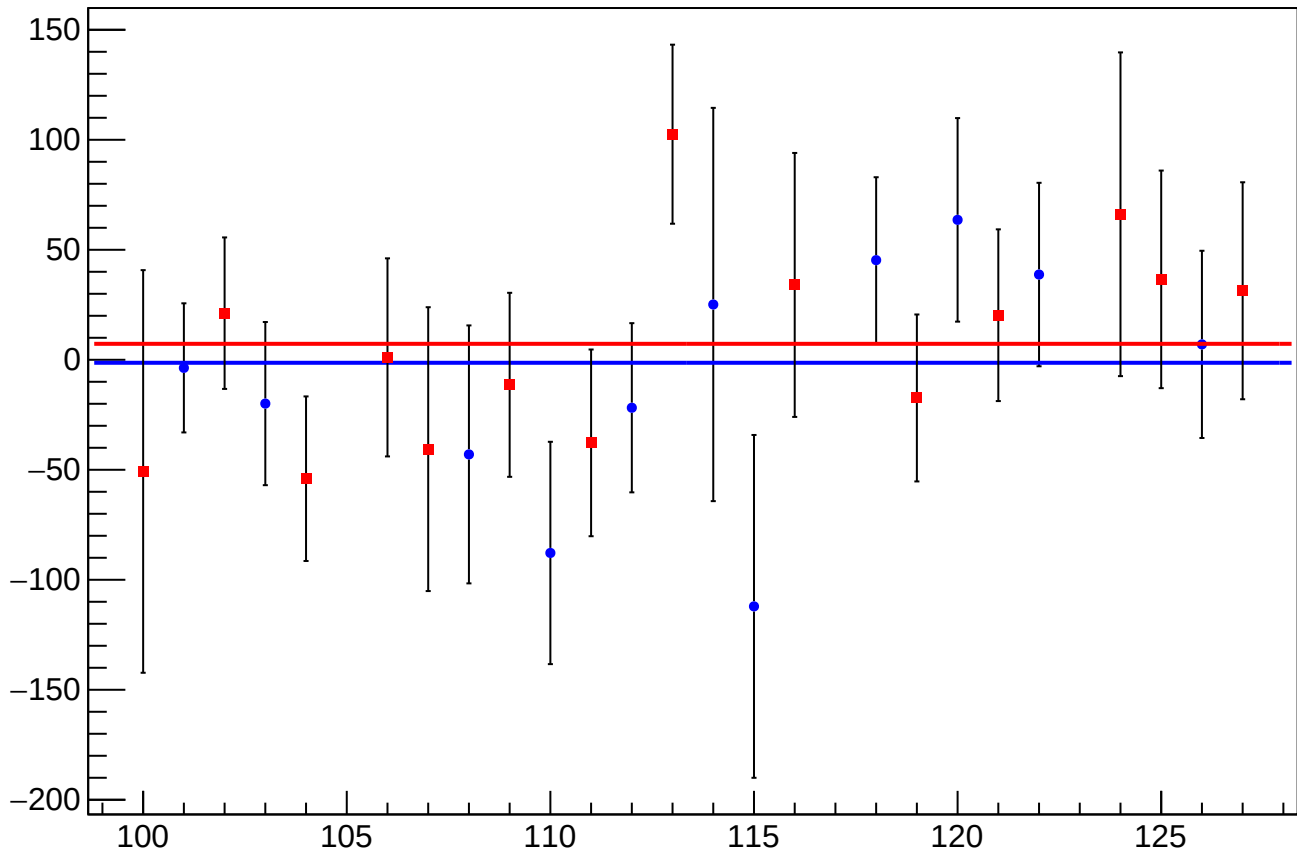
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27987.039 $\pm$ 6.296 χ^2 /NDF: 155964.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpmEX_mean vs Slug



Right In: -1.361+/-13.090 χ^2/NDF : 10.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.256+/-12.148 χ^2/NDF : 12.6/13

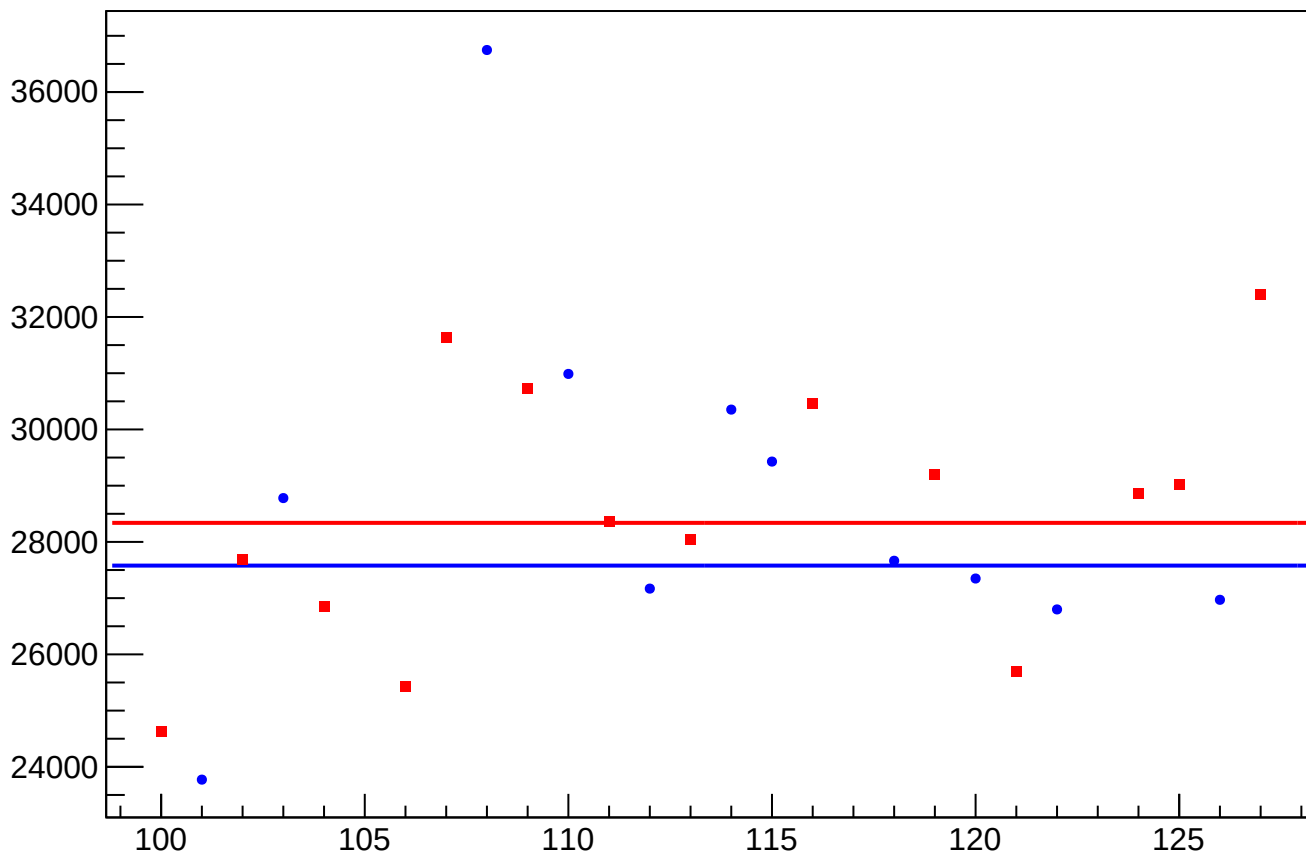
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.268+/-8.905 χ^2/NDF : 23.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmEX_rms vs Slug



Right In: 27578.767 $\pm$ 9.256 χ^2 /NDF: 98206.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 28338.692 $\pm$ 8.590 χ^2 /NDF: 54135.9/13

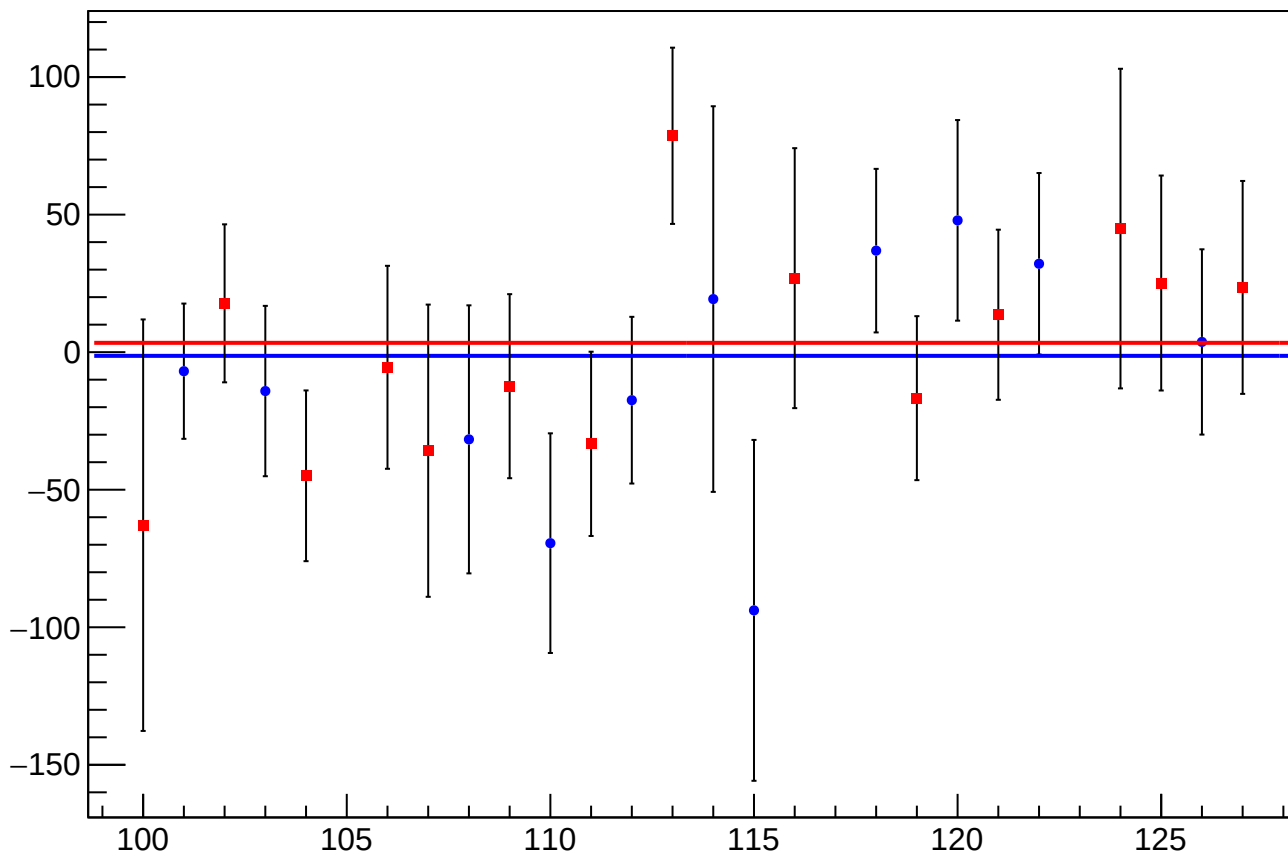
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27987.039 $\pm$ 6.296 χ^2 /NDF: 155964.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpmE_11X12X_mean vs Slug



Right In: -1.338+/-10.550 χ^2/NDF : 10.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.397+/-9.751 χ^2/NDF : 12.9/13

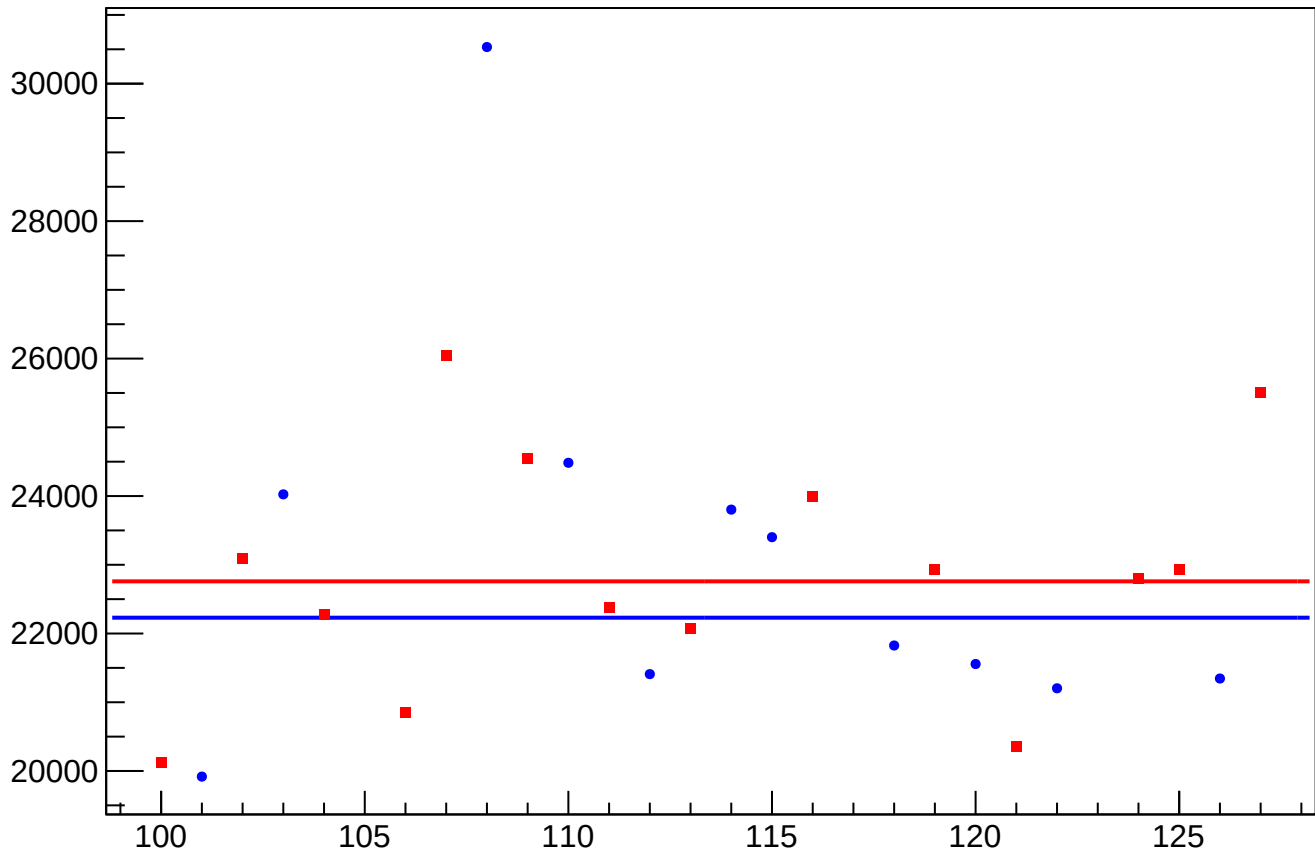
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.216+/-7.161 χ^2/NDF : 23.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmE_11X12X_rms vs Slug



Right In: 22230.308+/-7.460 χ^2/NDF : 96428.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22758.957+/-6.895 χ^2/NDF : 46743.2/13

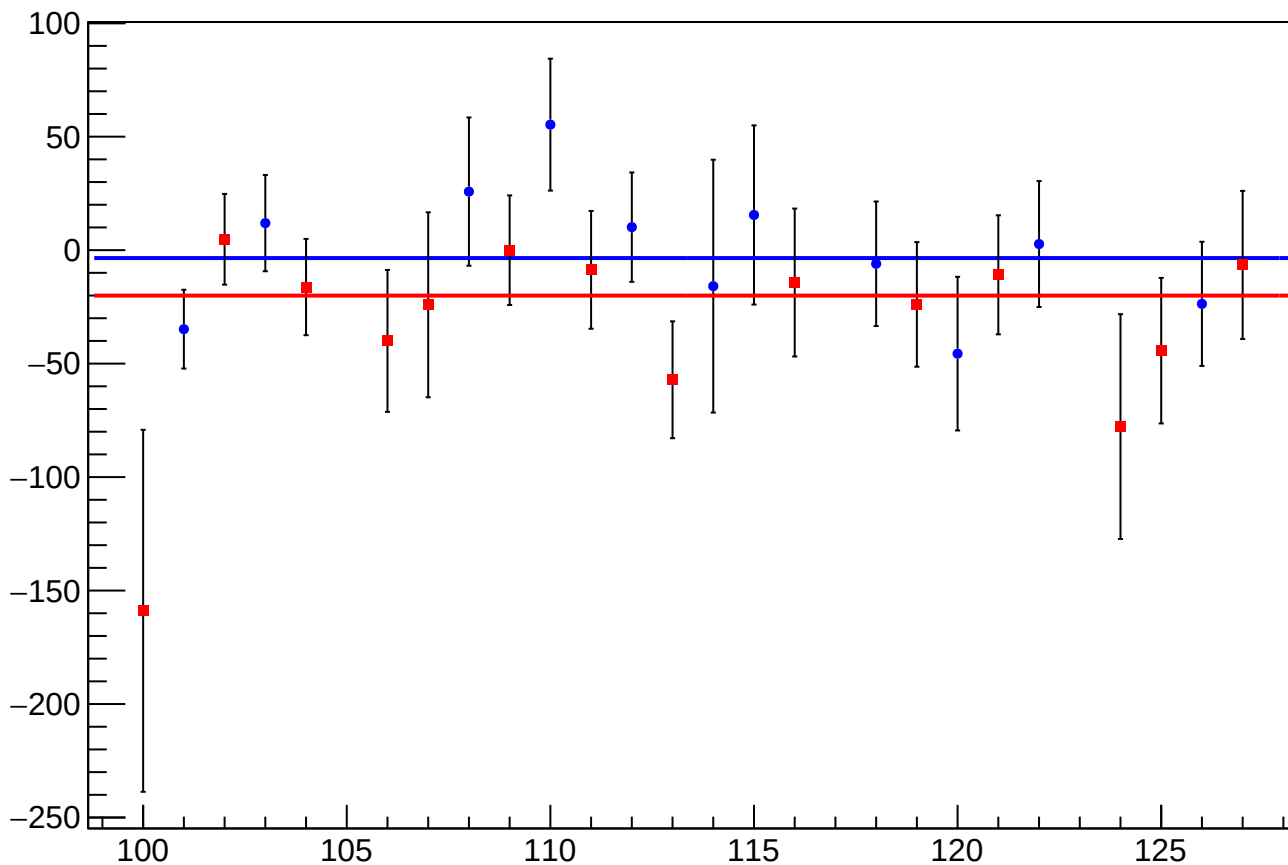
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22515.413+/-5.064 χ^2/NDF : 145879.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aesumX_mean vs Slug



Right In: -3.491+/-8.115 χ^2 /NDF: 11.4/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -20.028+/-7.613 χ^2 /NDF: 10.2/13

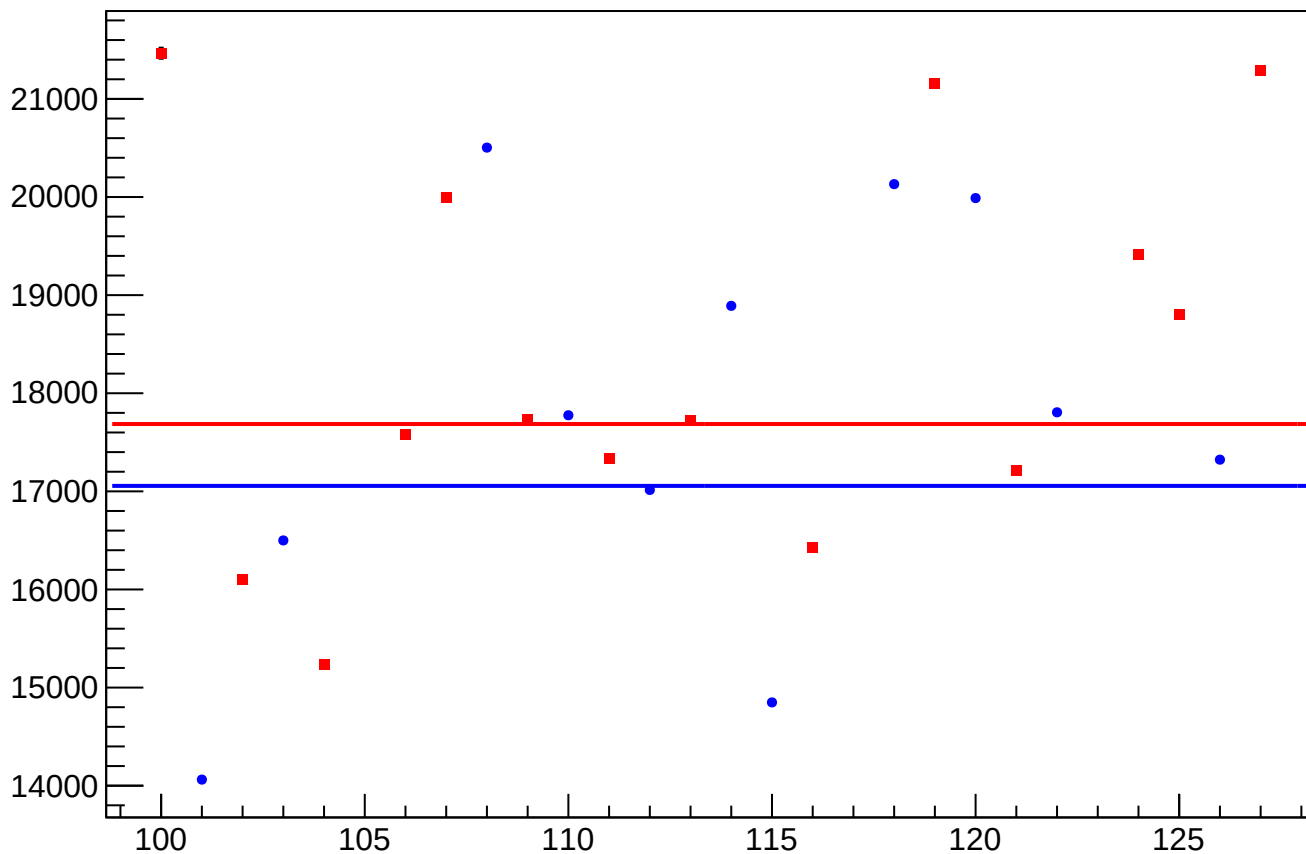
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -12.288+/-5.552 χ^2 /NDF: 23.9/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm4aesumX_rms vs Slug



Right In: 17055.701+/-5.738 χ^2/NDF : 134579.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17686.281+/-5.383 χ^2/NDF : 115359.3/13

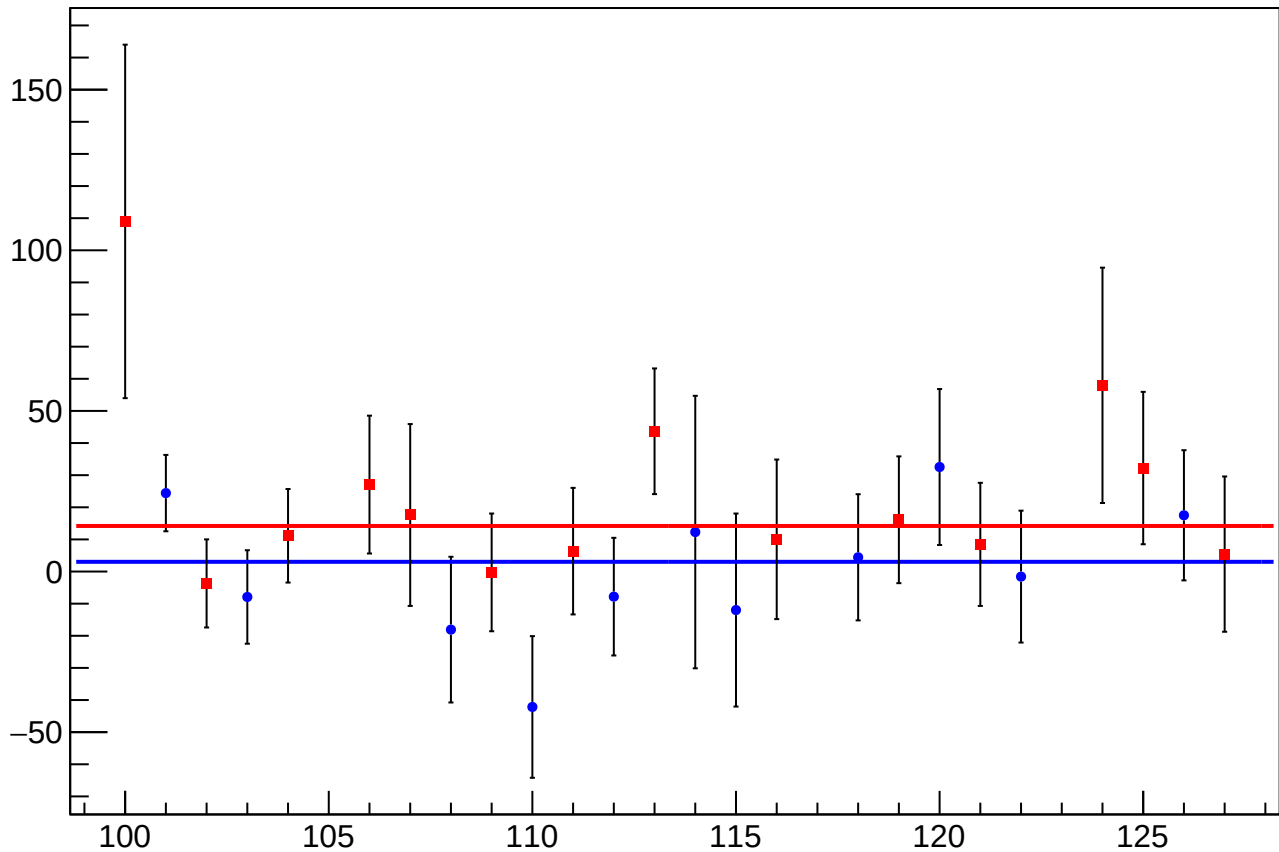
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17391.116+/-3.926 χ^2/NDF : 256361.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aediX_mean vs Slug



Right In: 3.027+/-5.818 χ^2/NDF : 11.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.189+/-5.496 χ^2/NDF : 10.4/13

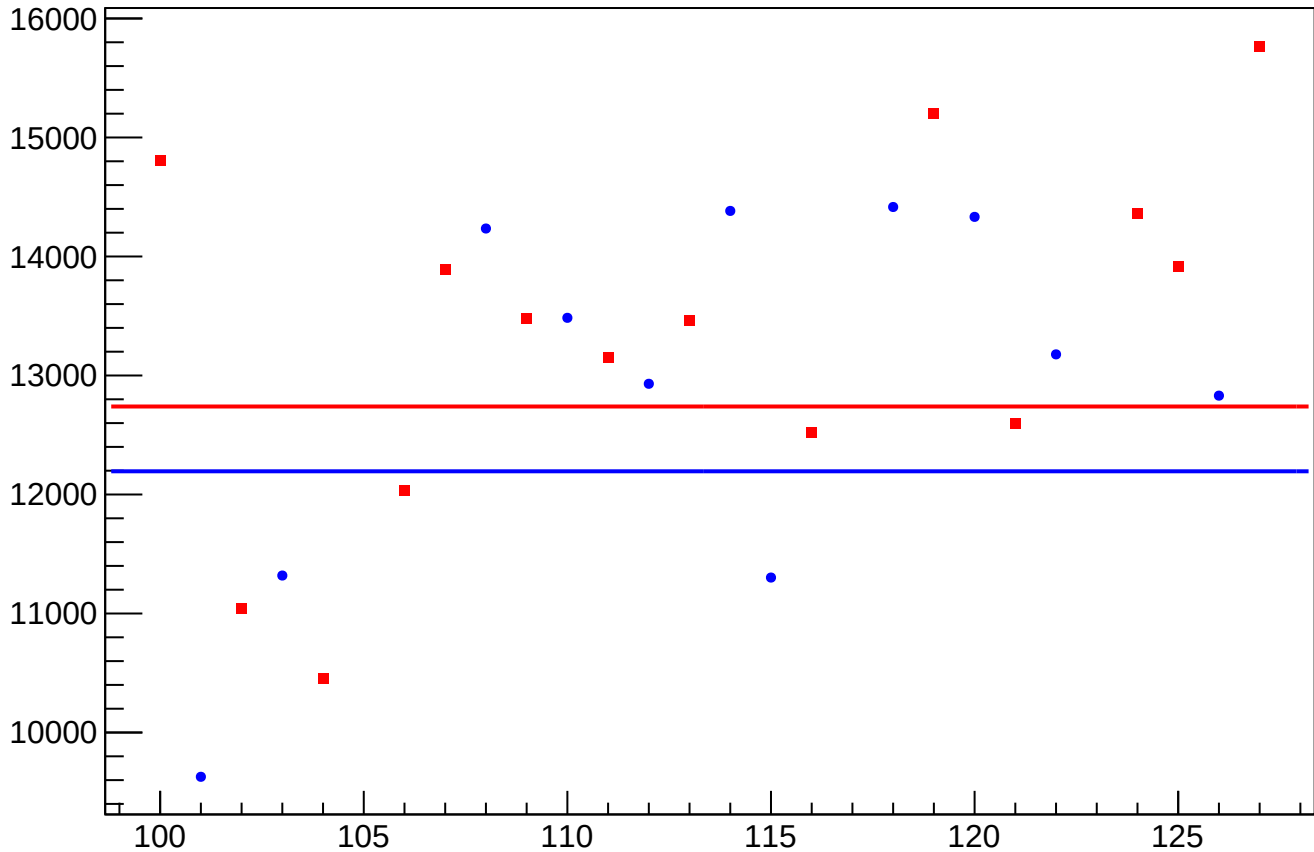
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.925+/-3.995 χ^2/NDF : 23.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aediiffX_rms vs Slug



Right In: 12194.980+/-4.114 χ^2/NDF : 181493.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

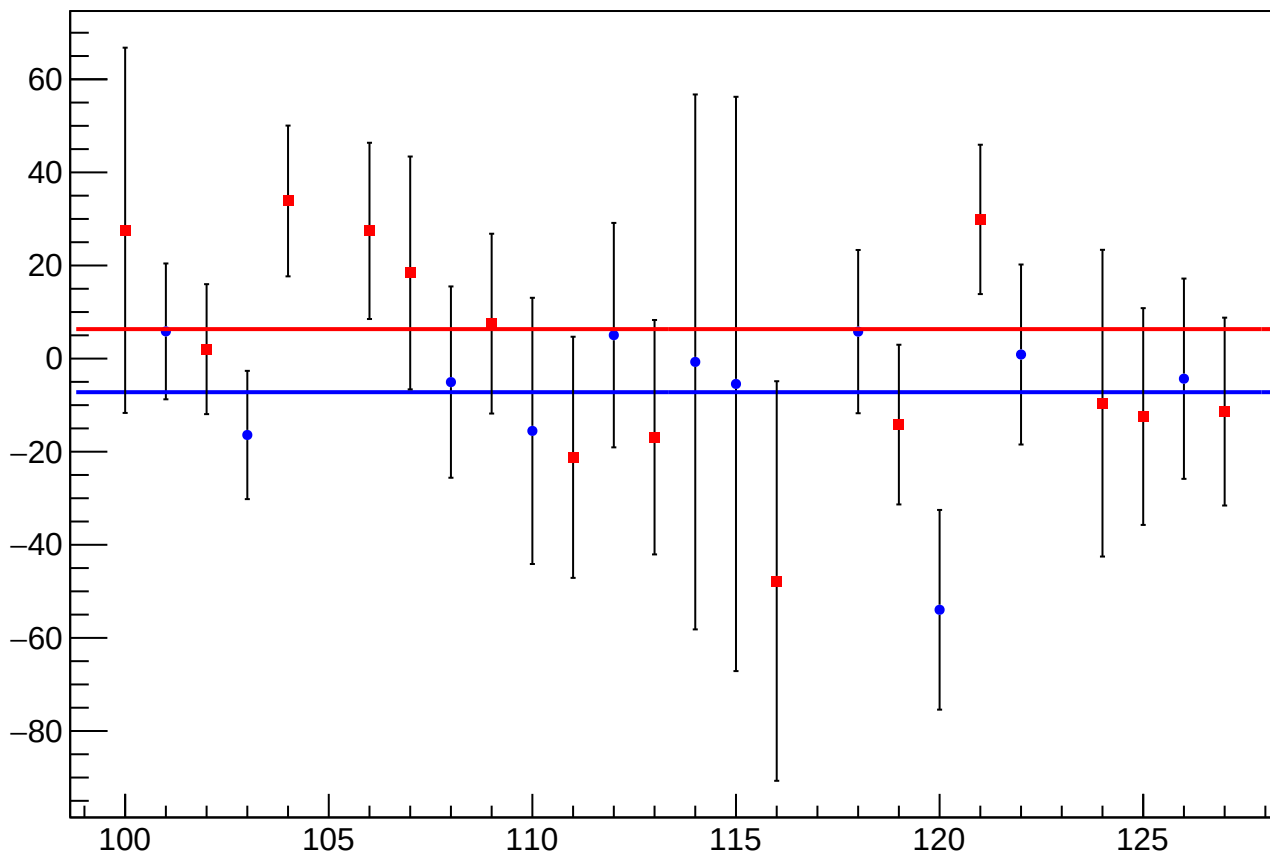
Right Out: 12739.441+/-3.887 χ^2/NDF : 166599.8/13

All: 12482.670+/-2.825 χ^2/NDF : 357349.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aesumY_mean vs Slug



Right In: -7.215+/-6.189 χ^2/NDF : 7.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.333+/-5.523 χ^2/NDF : 13.6/13

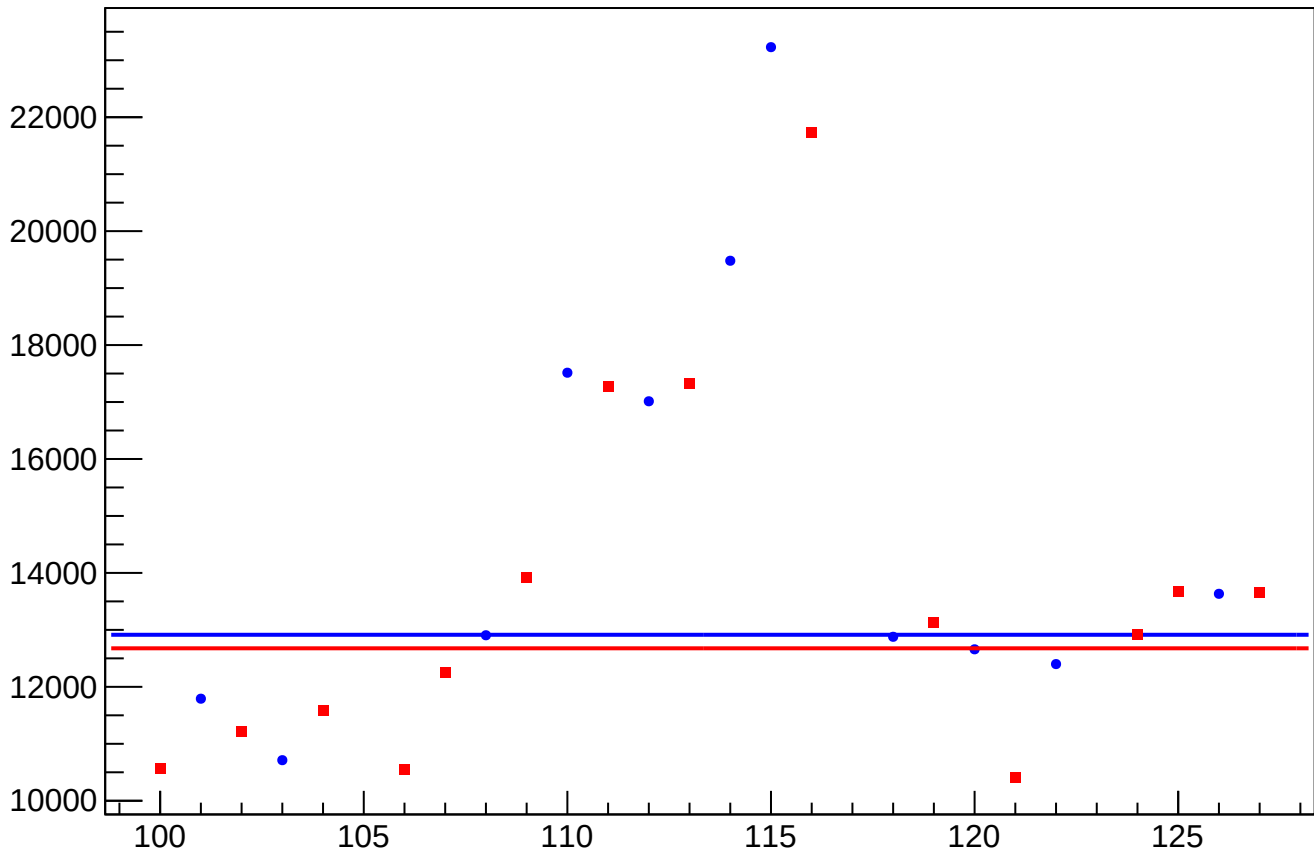
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.327+/-4.121 χ^2/NDF : 23.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aesumY_rms vs Slug



Right In: 12914.010+/-4.376 χ^2/NDF : 258482.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12676.433+/-3.905 χ^2/NDF : 340925.7/13

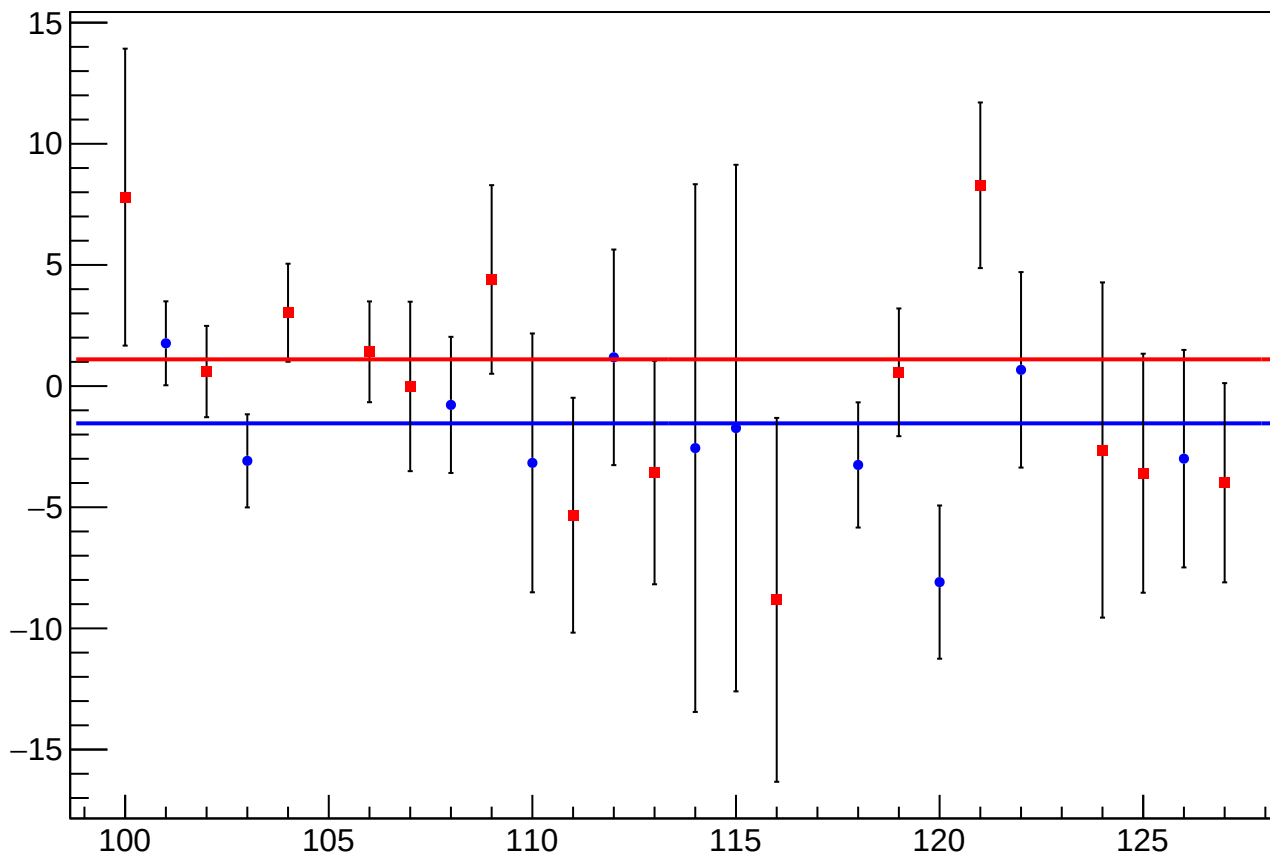
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12781.754+/-2.914 χ^2/NDF : 601048.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aediY_mean vs Slug



Right In: -1.538+/-0.915 χ^2/NDF : 10.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.104+/-0.848 χ^2/NDF : 14.7/13

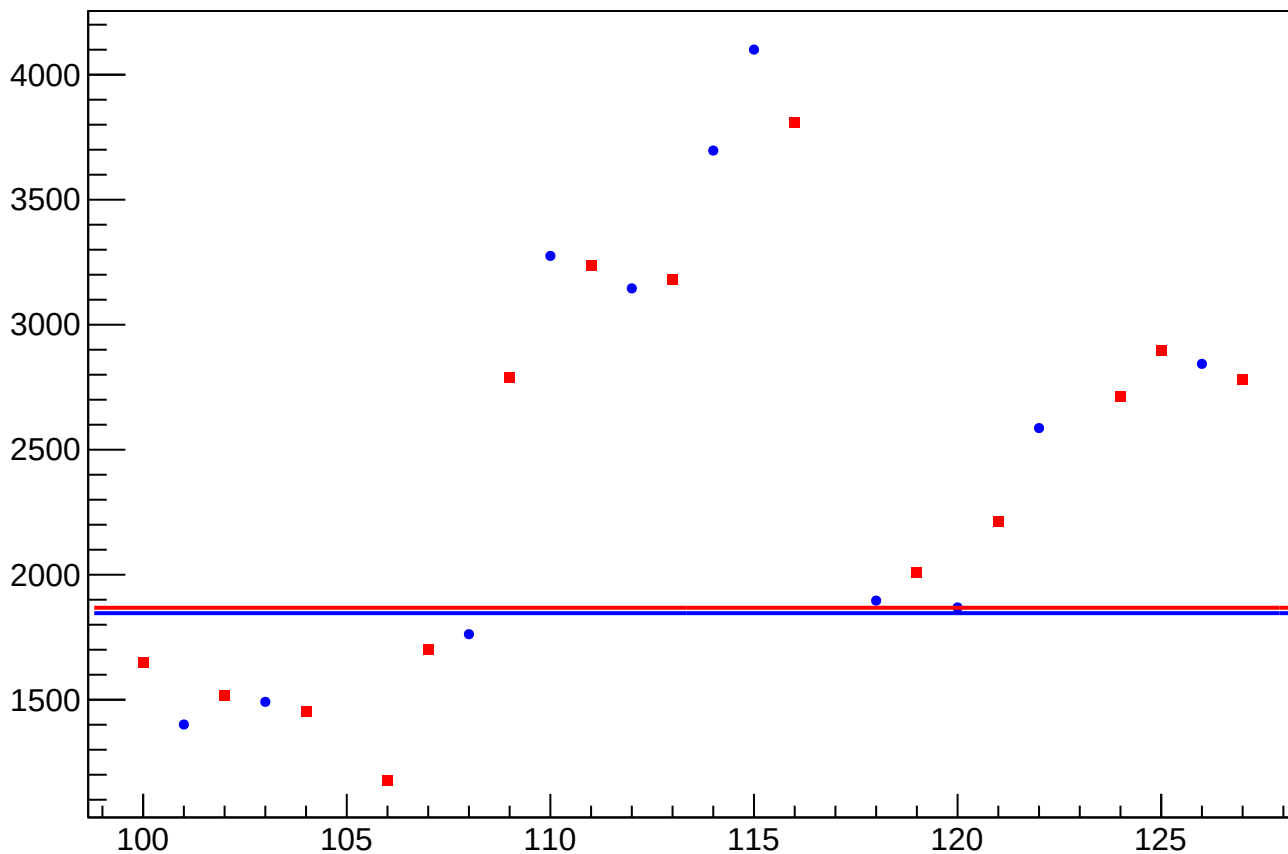
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.117+/-0.622 χ^2/NDF : 29.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aediY_rms vs Slug



Right In: 1846.265+/-0.647 χ^2/NDF : 826586.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

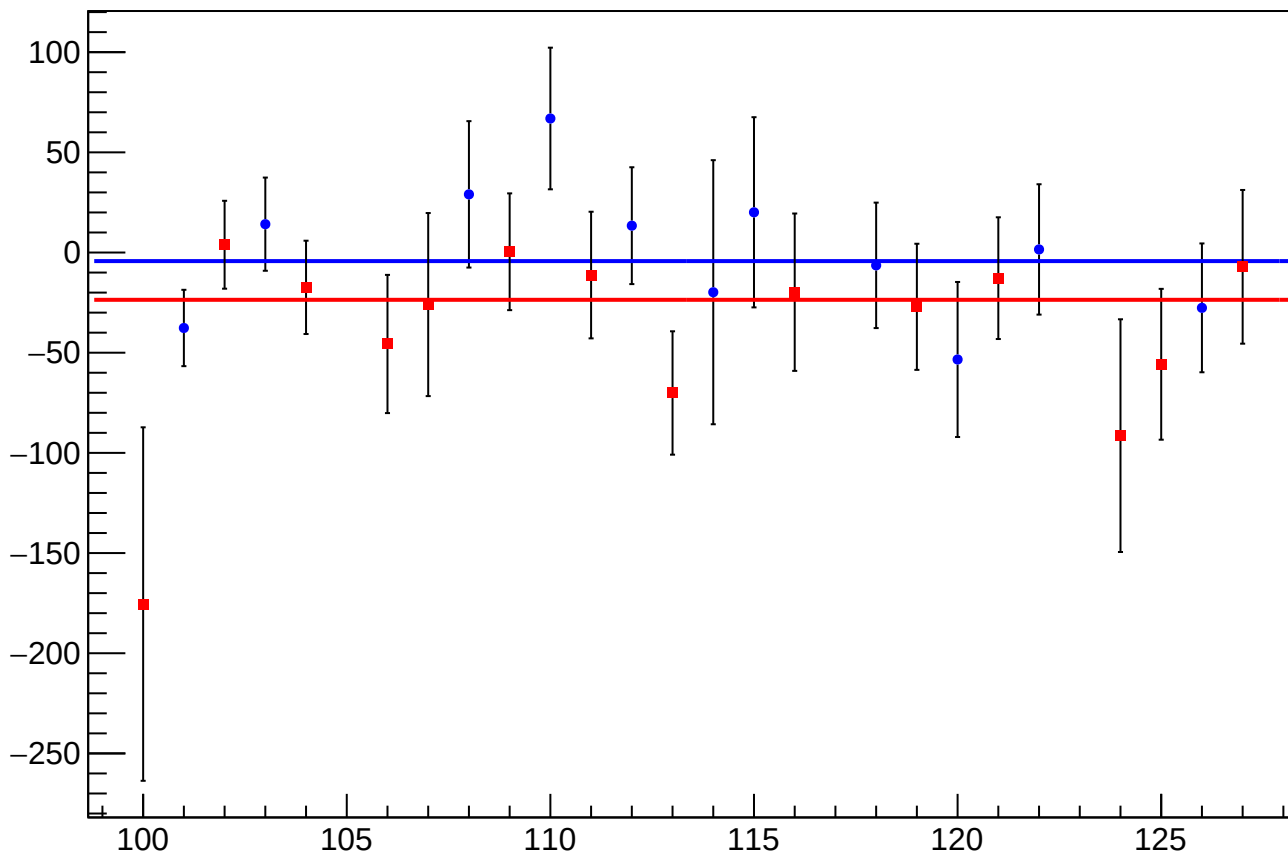
Right Out: 1867.857+/-0.600 χ^2/NDF : 1189720.9/13

All: 1857.877+/-0.440 χ^2/NDF : 2016906.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmtargetsumX_mean vs Slug



Right In: -4.277 ± 9.283 χ^2/NDF : 11.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -23.600 ± 8.761 χ^2/NDF : 10.6/13

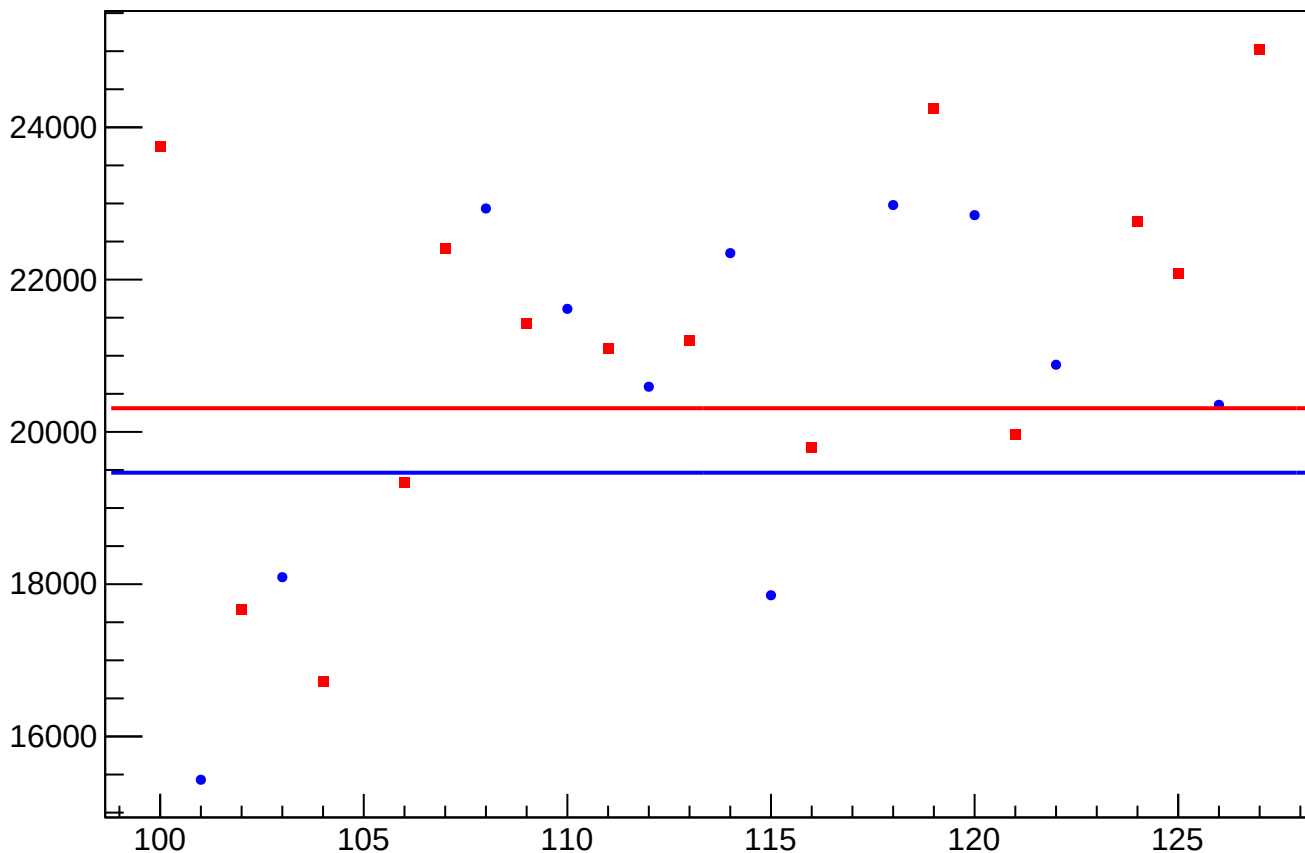
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -14.498 ± 6.372 χ^2/NDF : 24.3/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpmtargetsumX_rms vs Slug



Right In: 19464.094+/-6.564 χ^2/NDF : 176976.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

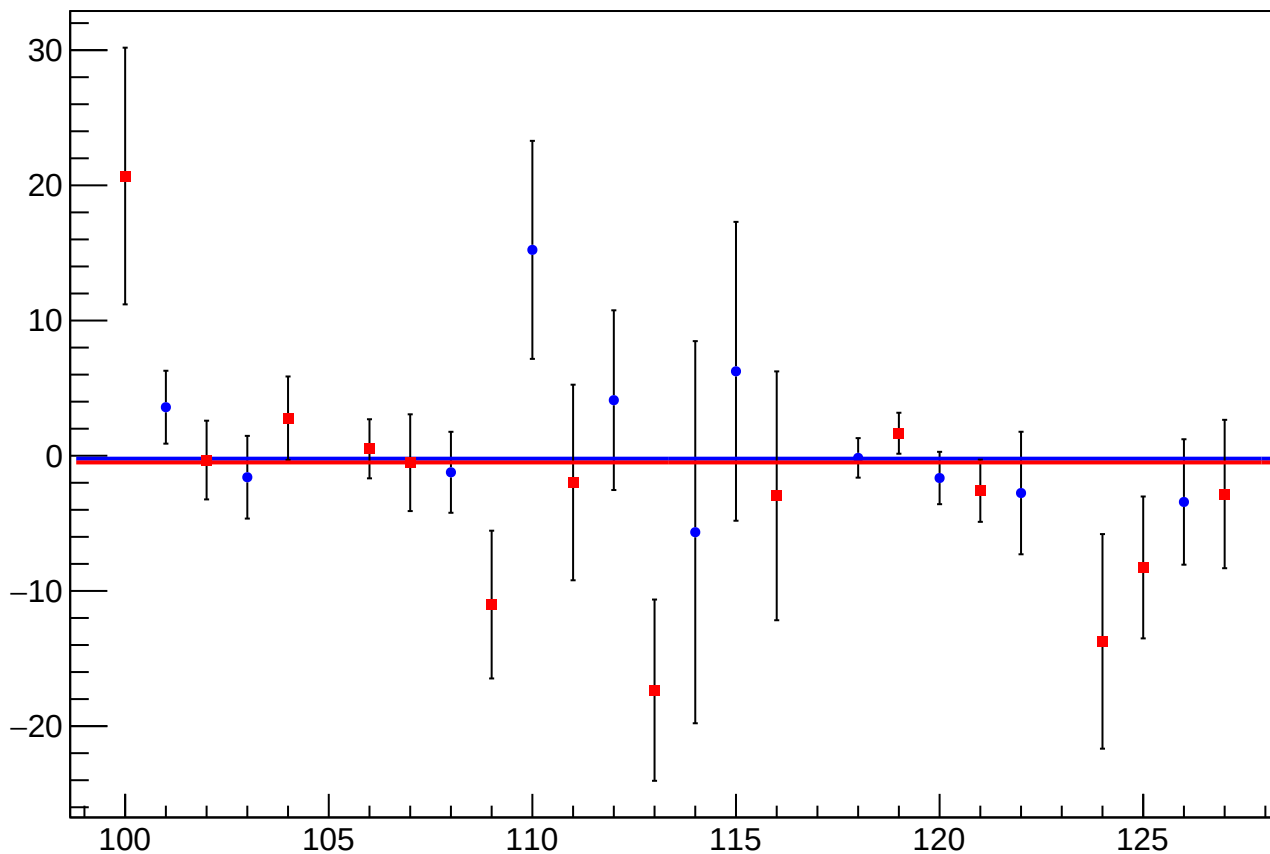
Right Out: 20311.058+/-6.195 χ^2/NDF : 161364.7/13

All: 19912.070+/-4.505 χ^2/NDF : 347146.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmtargetdiffX_mean vs Slug



Right In: -0.218 ± 0.899 χ^2/NDF : 8.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.496 ± 0.871 χ^2/NDF : 24.5/13

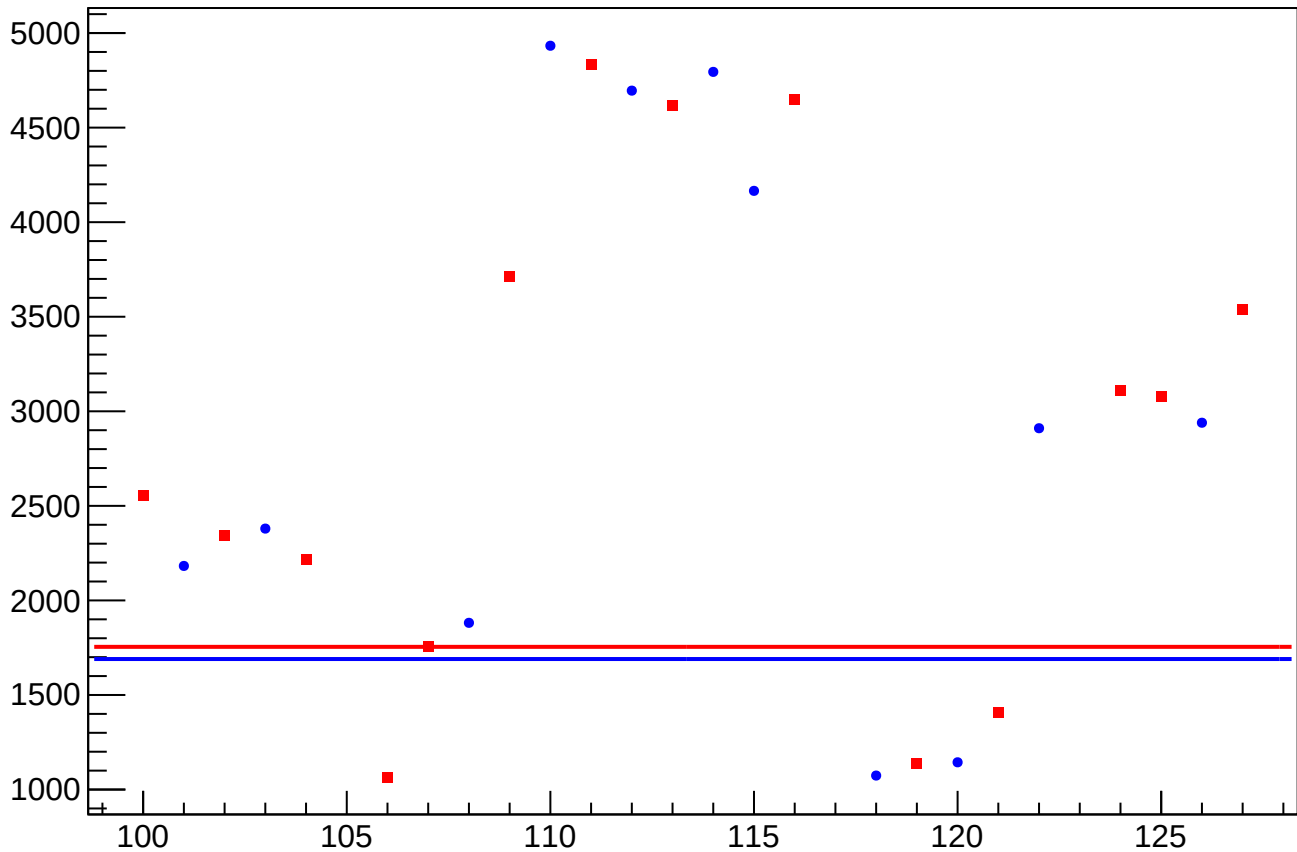
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.361 ± 0.626 χ^2/NDF : 32.7/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpmtargetdiffX_rms vs Slug



Right In: 1690.105+/-0.636 χ^2/NDF : 1910362.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

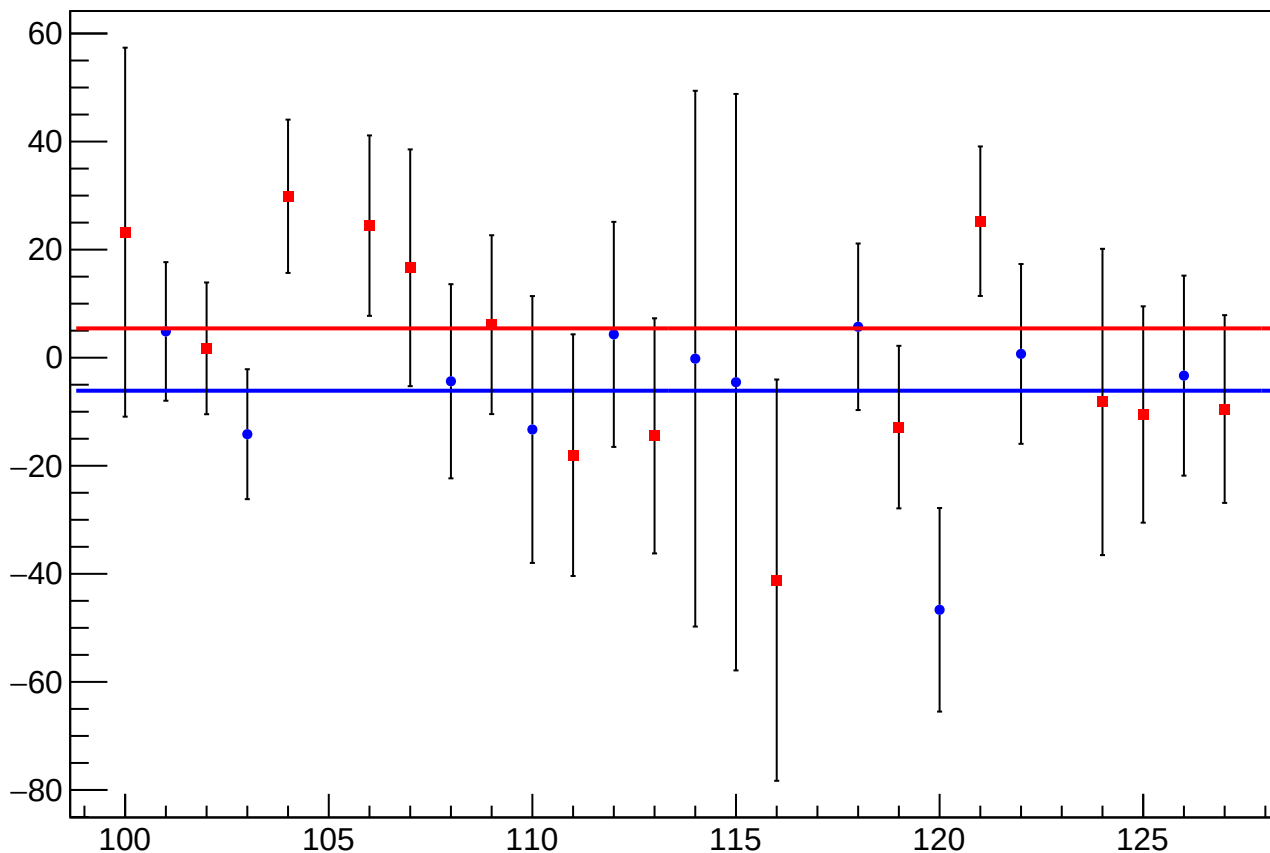
Right Out: 1754.524+/-0.616 χ^2/NDF : 2299454.0/13

All: 1723.338+/-0.442 χ^2/NDF : 4215112.9/24

- 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: -6.109+/-5.395 χ^2/NDF : 7.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.425+/-4.800 χ^2/NDF : 13.5/13

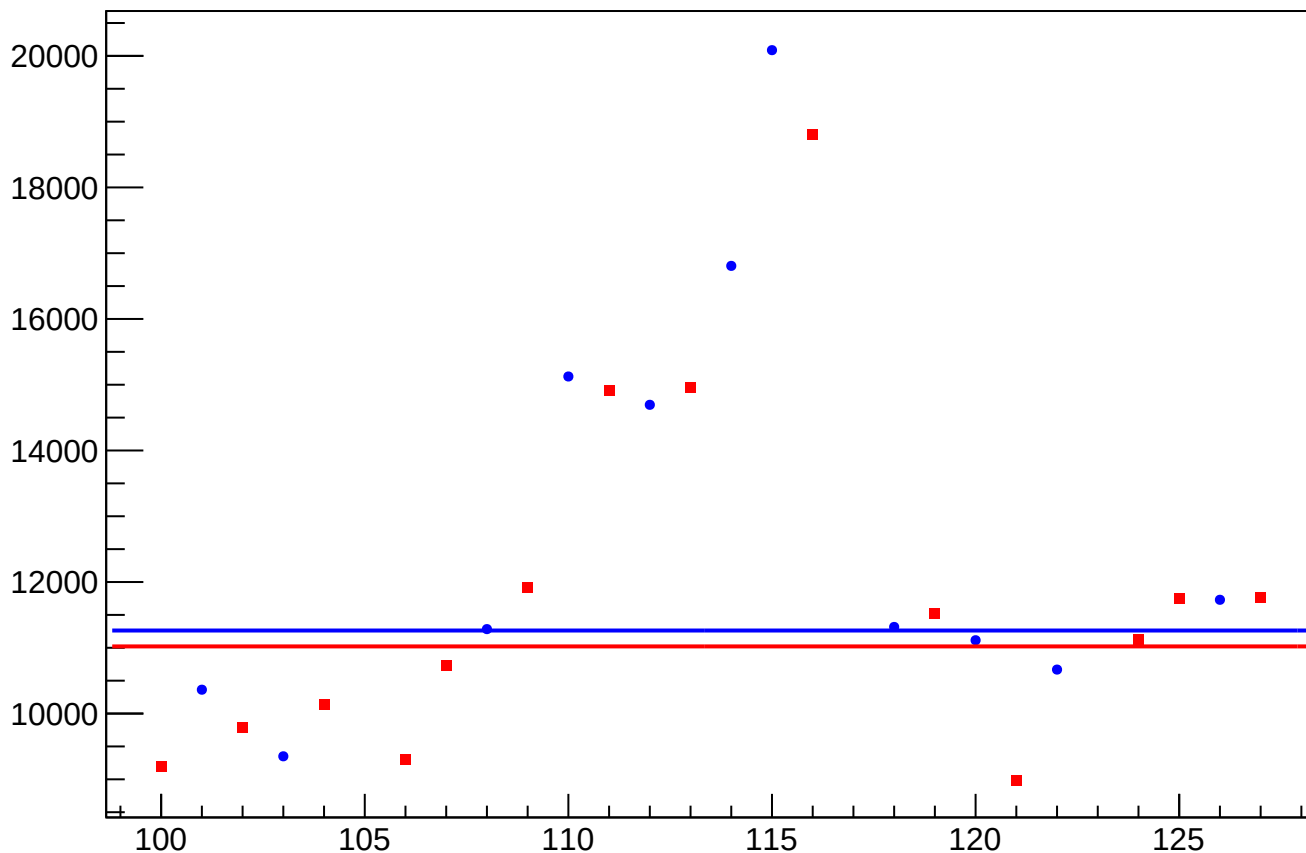
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.329+/-3.586 χ^2/NDF : 23.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmtargetsumY_rms vs Slug



Right In: 11262.676+/-3.815 χ^2/NDF : 247423.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

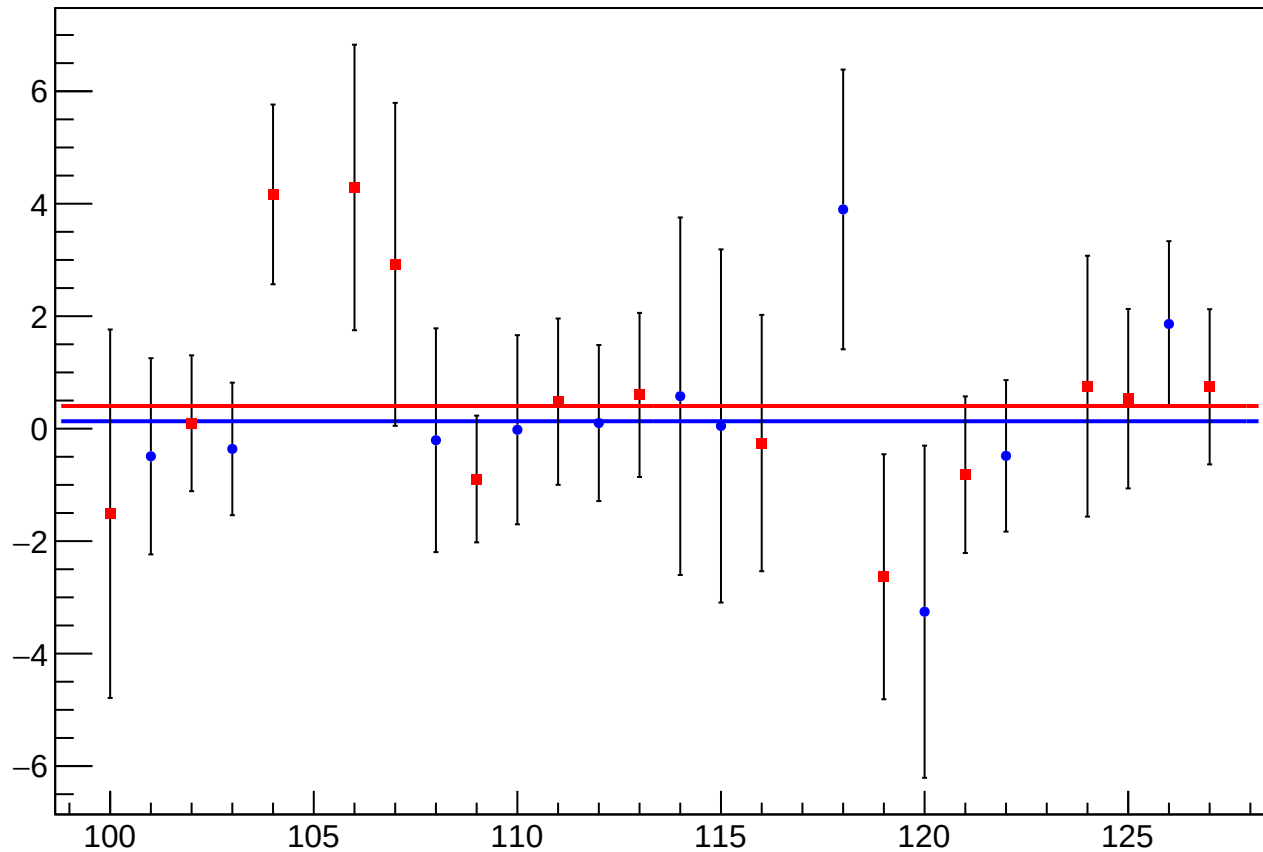
Right Out: 11020.934+/-3.394 χ^2/NDF : 327015.0/13

All: 11127.738+/-2.536 χ^2/NDF : 576680.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmtargetdiffY_mean vs Slug



Right In: 0.132 $\pm$ 0.522 χ^2 /NDF: 5.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.403 $\pm$ 0.439 χ^2 /NDF: 13.3/13

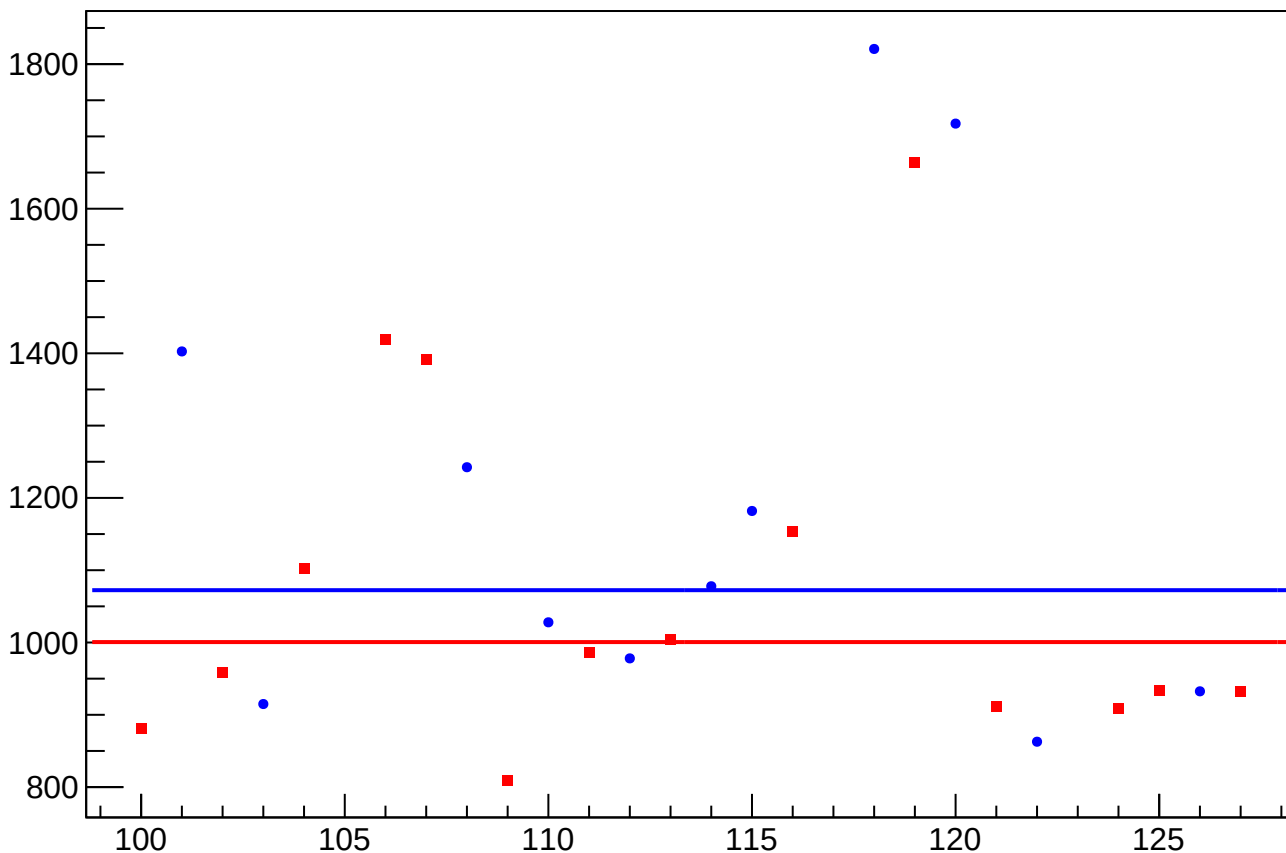
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.291 $\pm$ 0.336 χ^2 /NDF: 19.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpmtargetdiffY_rms vs Slug



Right In: 1072.378 $\pm$ 0.369 χ^2 /NDF: 478243.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1000.599 $\pm$ 0.311 χ^2 /NDF: 376067.0/13

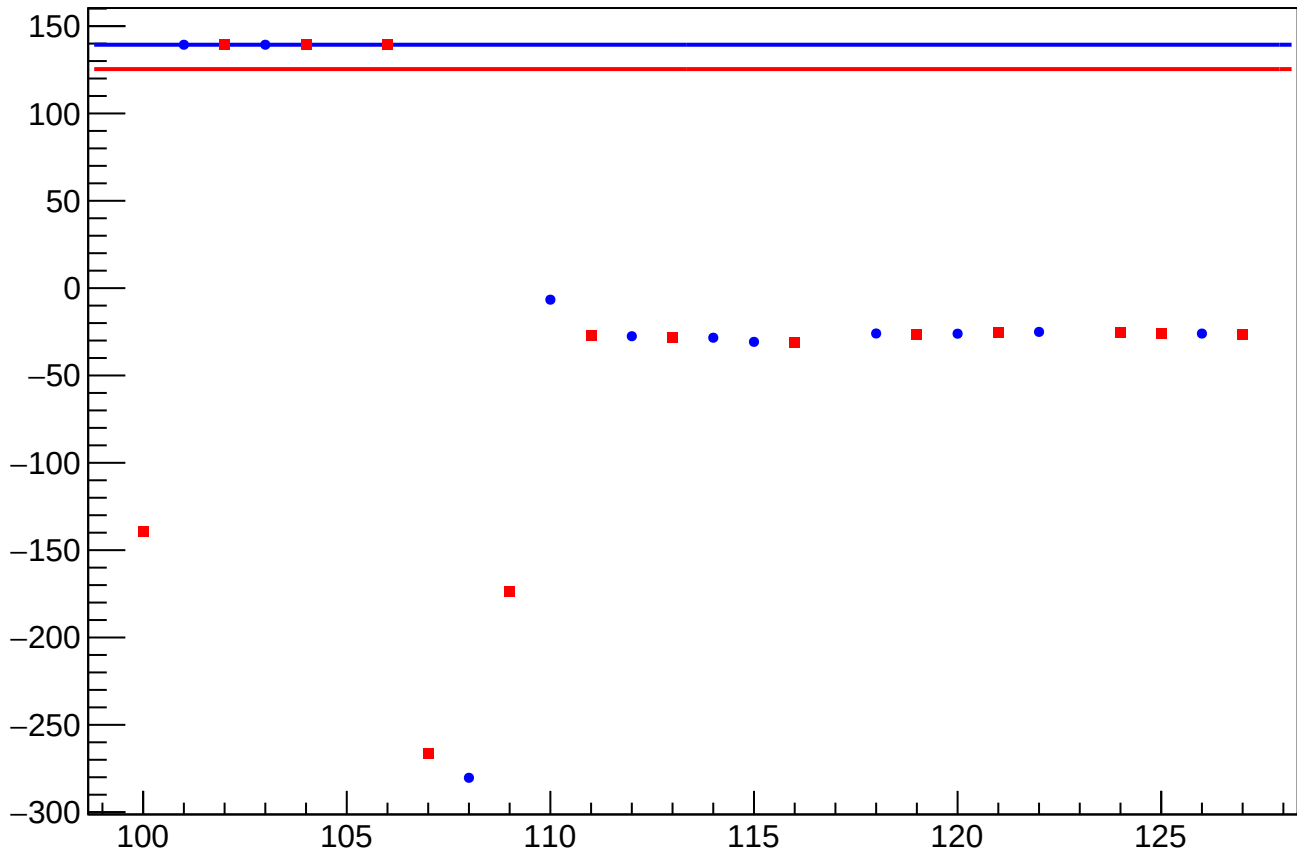
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1030.316 $\pm$ 0.238 χ^2 /NDF: 876429.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4bX_mean vs Slug



Right In: 139.338 $\pm$ 0.000 χ^2 /NDF: 25079387190.0/10

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

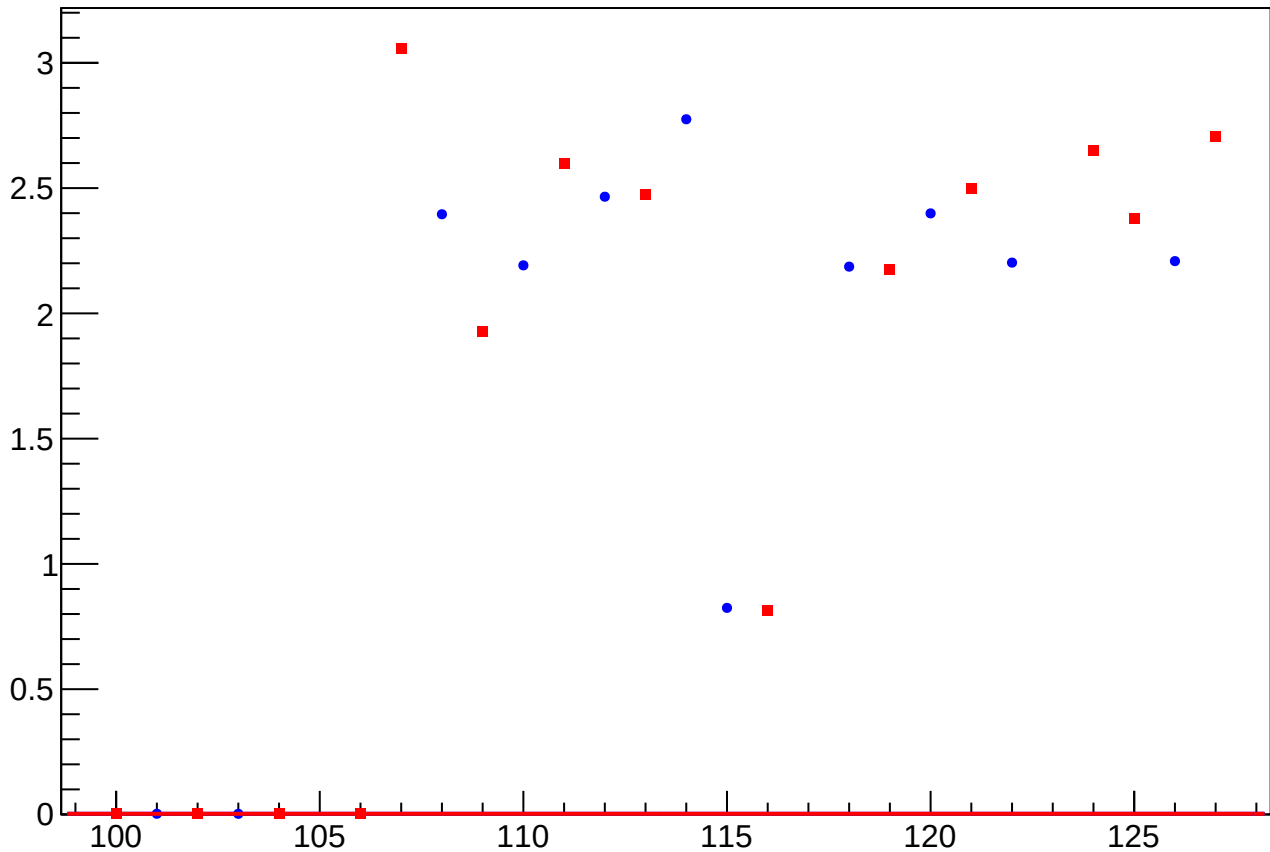
Right Out: 125.392 $\pm$ 0.000 χ^2 /NDF: 774158943764592.0/13

All: 131.819 $\pm$ 0.000 χ^2 /NDF: 792969525580.0/14

- 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 : 5405221.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 6732865.4/13

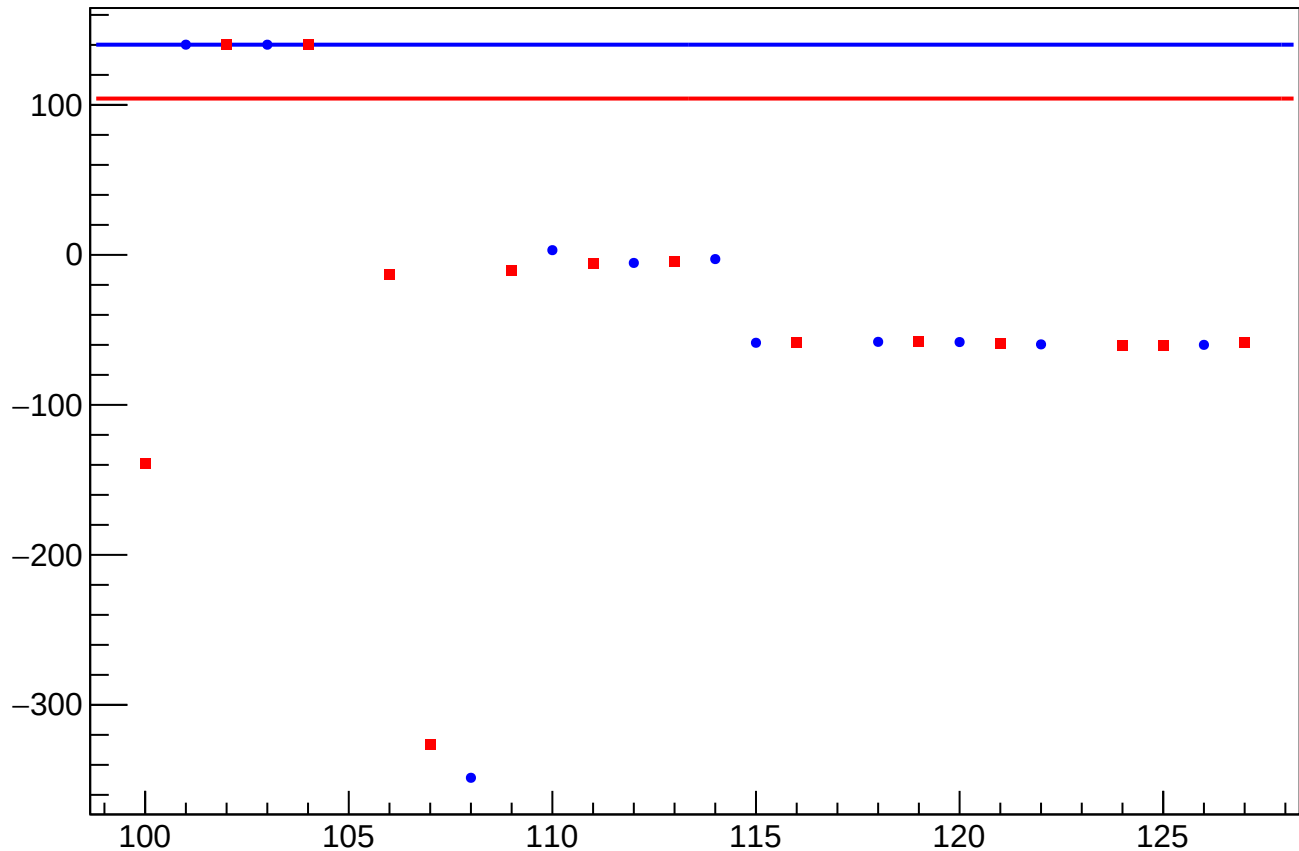
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 12138241.2/24

- 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 : 37721964774.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

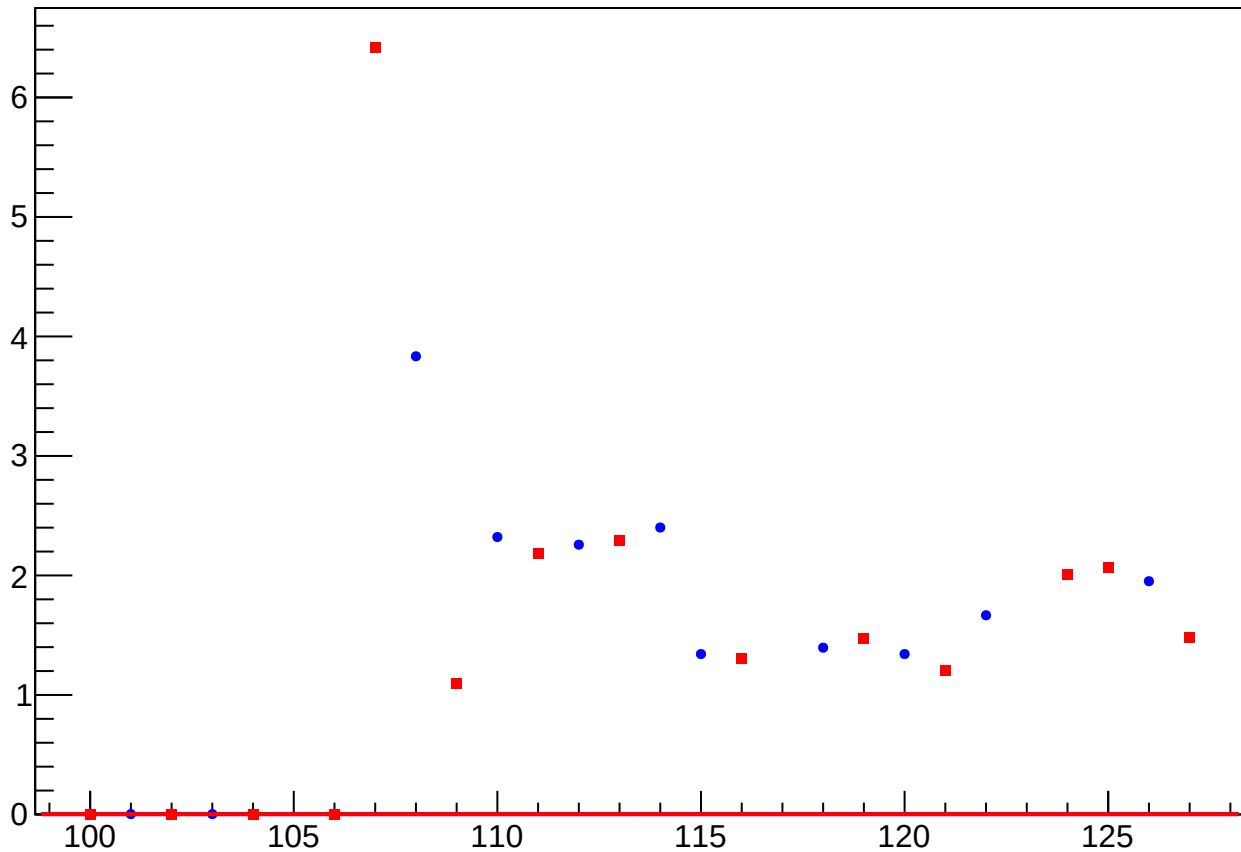
Right Out: 104.227+/-0.000 χ^2/NDF : 1257325089946240.8/13

All: 120.835+/-0.000 χ^2/NDF : 138068030430

- 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 : 5806193.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 6699832.6/13

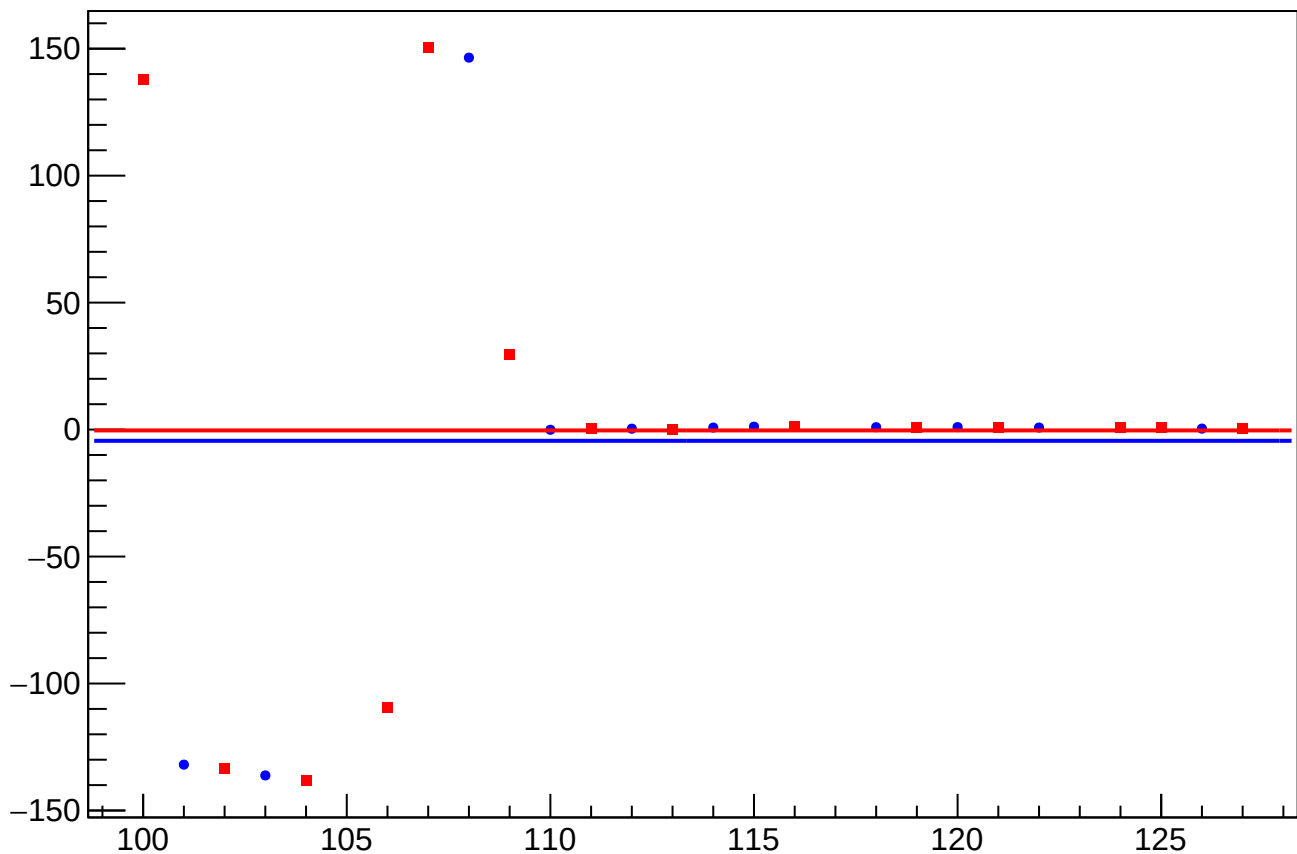
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 12506167.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4cX_mean vs Slug



Right In: -4.421+/-0.000 χ^2/NDF : 9774565957.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.330+/-0.000 χ^2/NDF : 3604214138.6/13

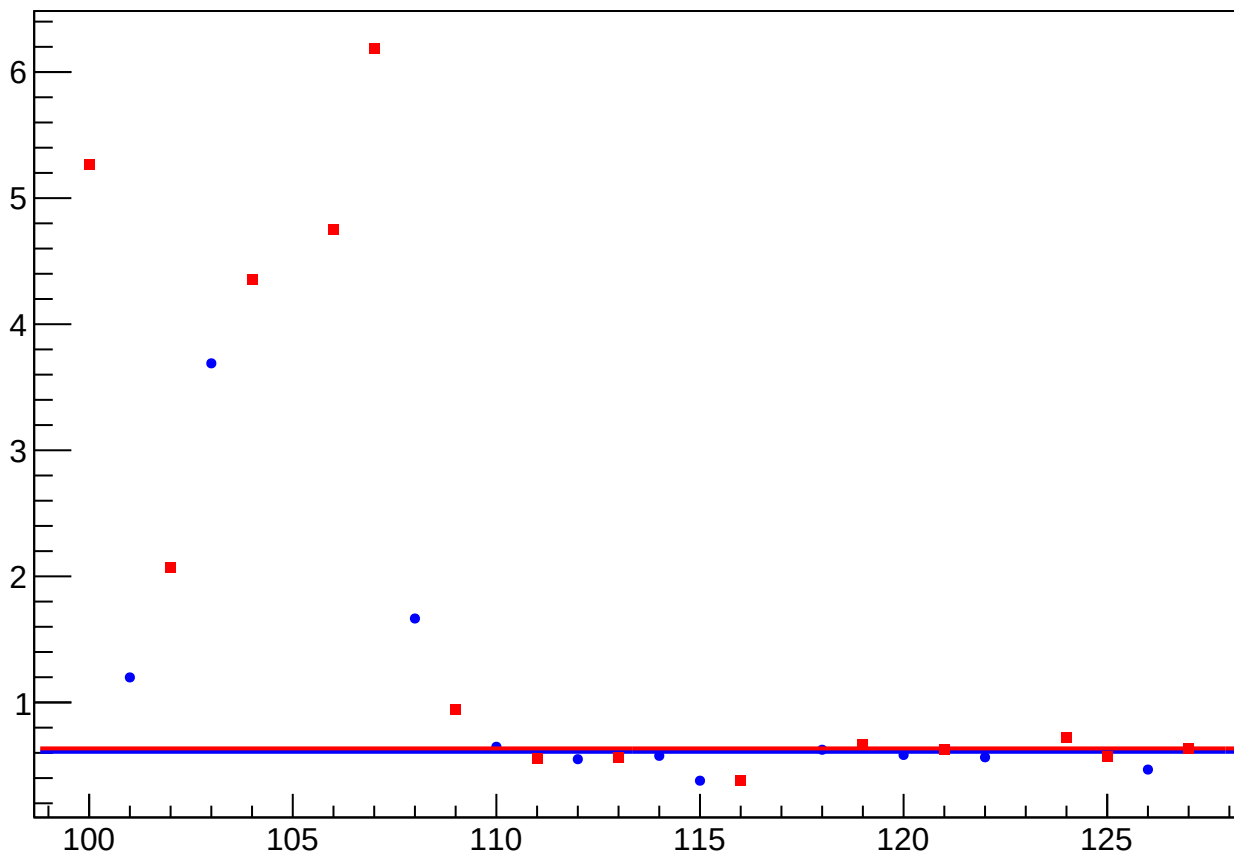
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.325+/-0.000 χ^2/NDF : 13448717320.6/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4cX_rms vs Slug



Right In: 0.609 $\pm$ 0.000 χ^2 /NDF: 1354770.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.635 $\pm$ 0.000 χ^2 /NDF: 2297460.7/13

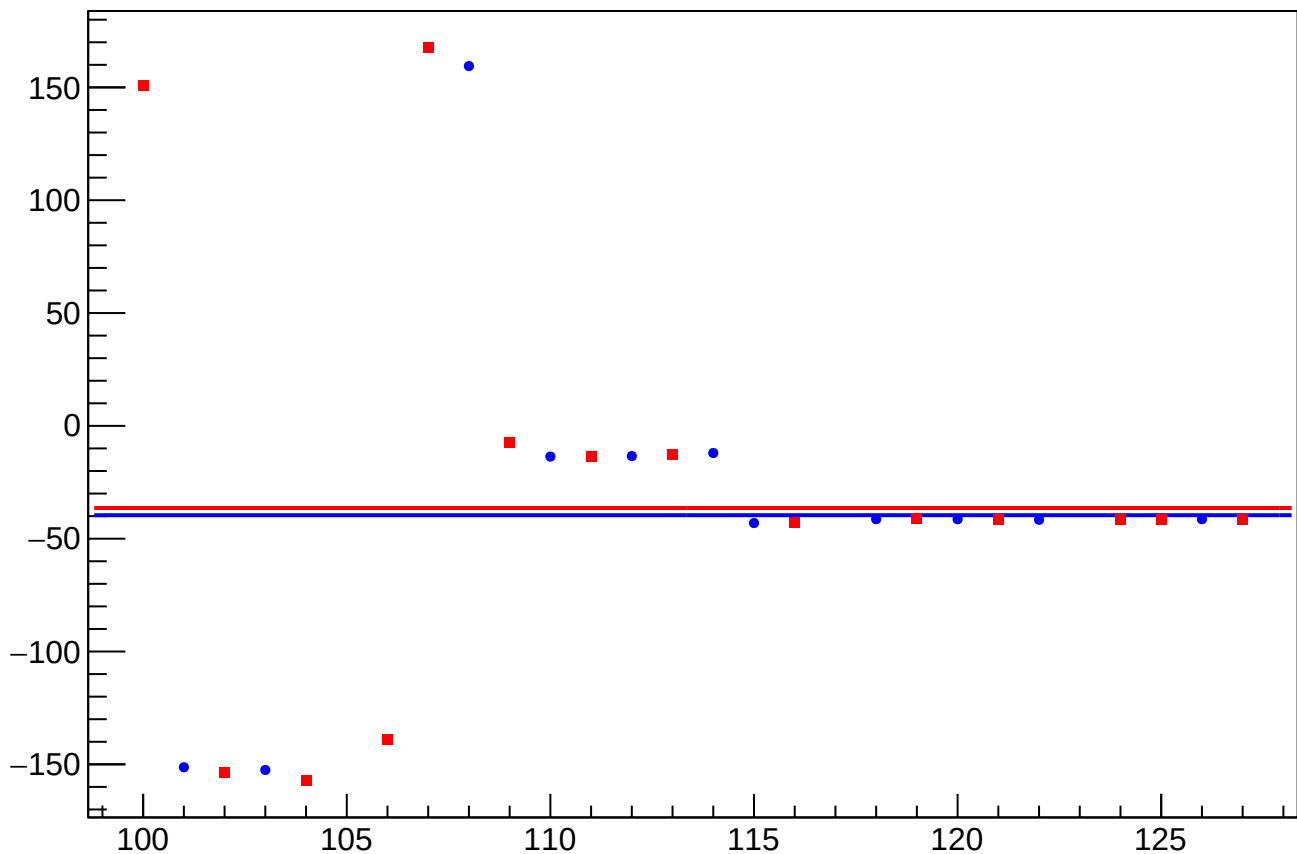
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.622 $\pm$ 0.000 χ^2 /NDF: 3658179.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4cY_mean vs Slug



Right In: -39.589+/-0.000 χ^2/NDF : 3426495625.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

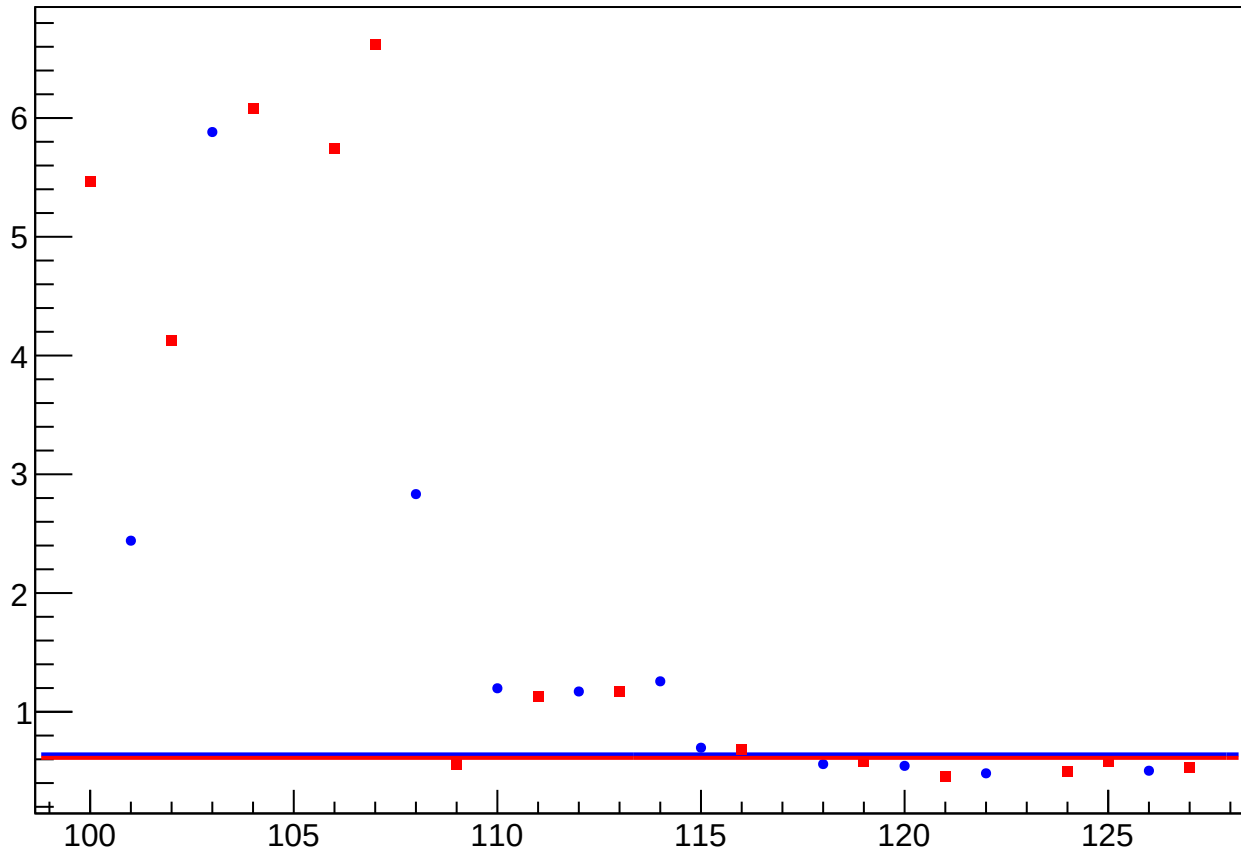
Right Out: -36.394+/-0.000 χ^2/NDF : 2347449478.1/13

All: -37.792+/-0.000 χ^2/NDF : 5814110238.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4cY_rms vs Slug



Right In: 0.641+/-0.000 χ^2/NDF : 2501864.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.612+/-0.000 χ^2/NDF : 2919748.7/13

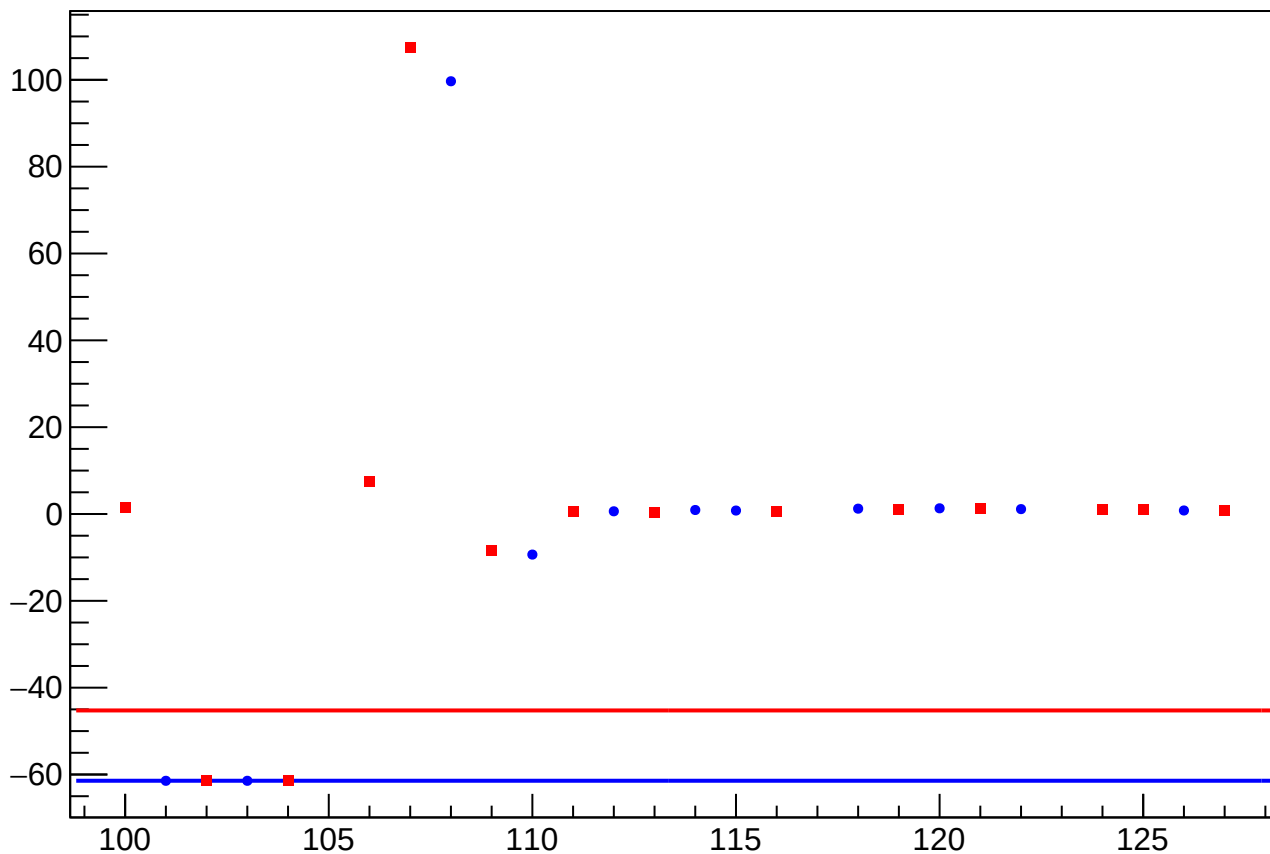
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.625+/-0.000 χ^2/NDF : 5428286.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4dX_mean vs Slug



Right In: -61.438+/-0.000 χ^2/NDF : 228335282926.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -45.246+/-0.000 χ^2/NDF : 357855044525580.0/13

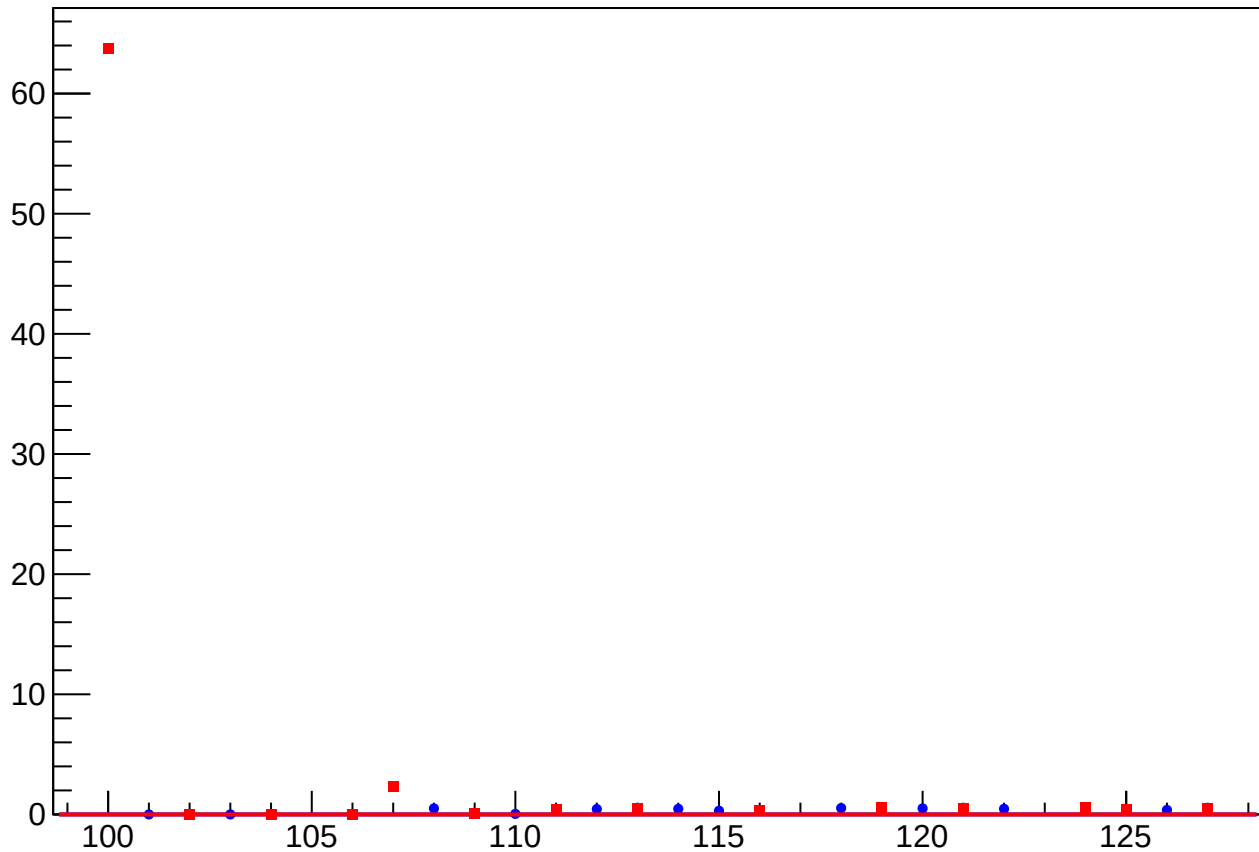
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -52.750+/-0.000 χ^2/NDF : 409067833864

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4dX_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 4870768.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 6165638.5/13

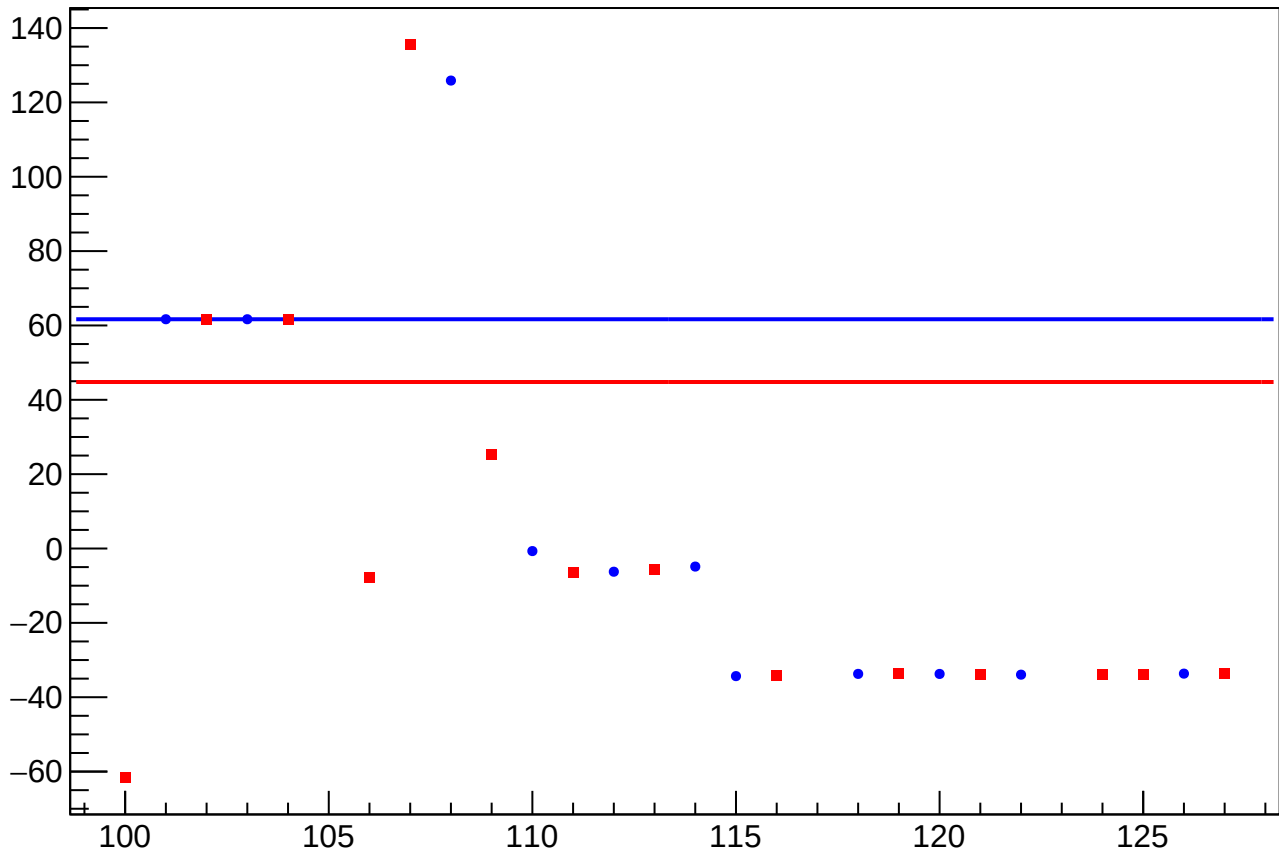
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 11036411.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4dY_mean vs Slug



Right In: 61.669+/-0.000 χ^2/NDF : 130180103289.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.790+/-0.000 χ^2/NDF : 365971864421378.9/13

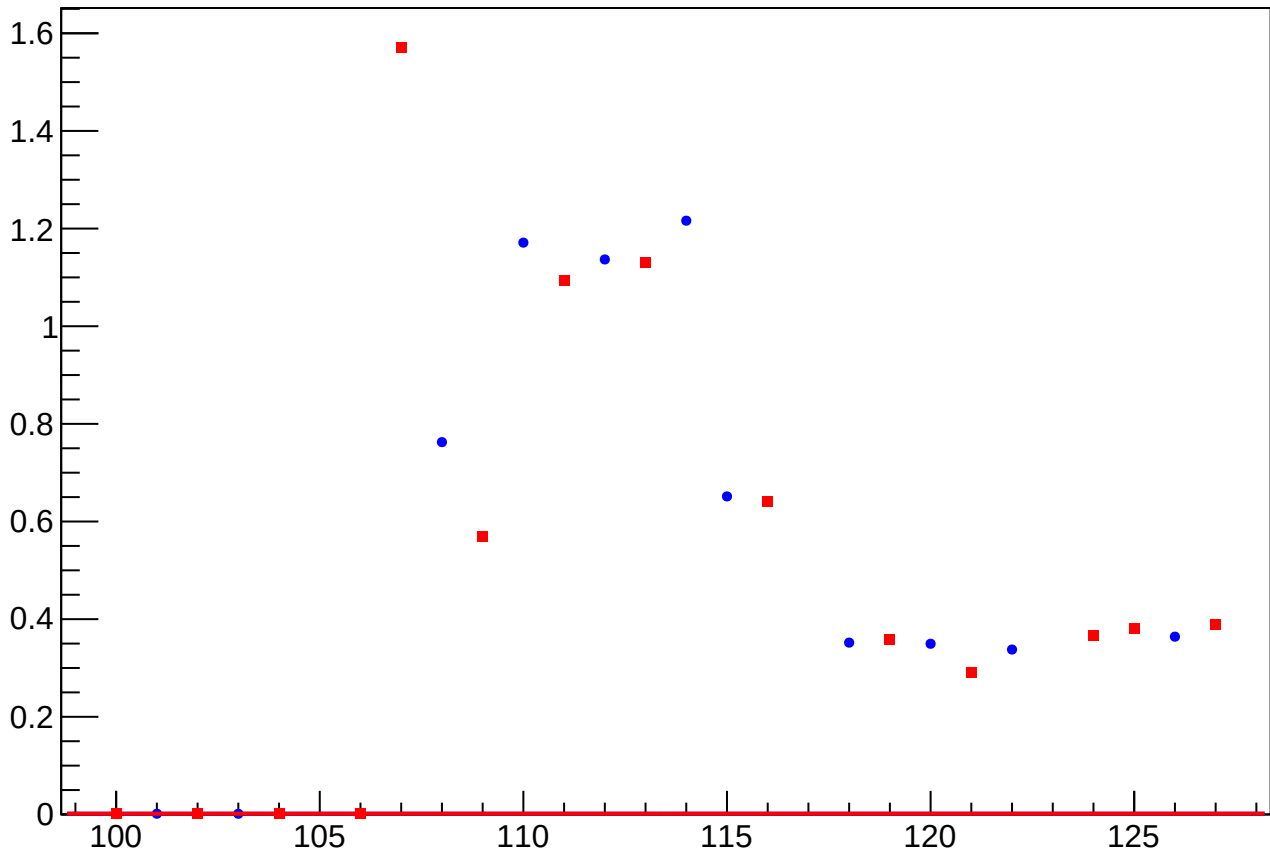
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.694+/-0.000 χ^2/NDF : 4172228797651

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4dY_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 6010819.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 6891800.9/13

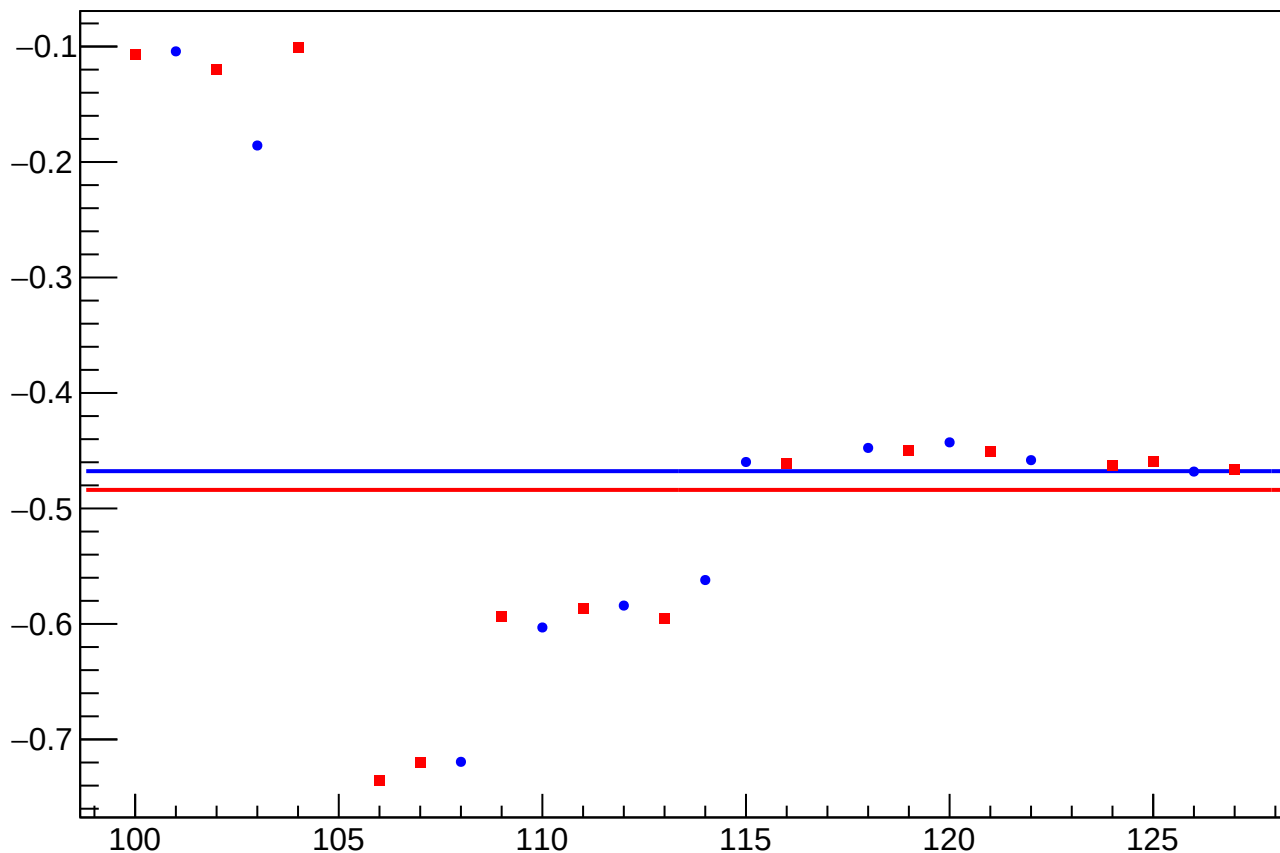
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 12902878.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4aX_mean vs Slug



Right In: -0.468+/-0.000 χ^2/NDF : 106383303.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.484+/-0.000 χ^2/NDF : 101011071.8/13

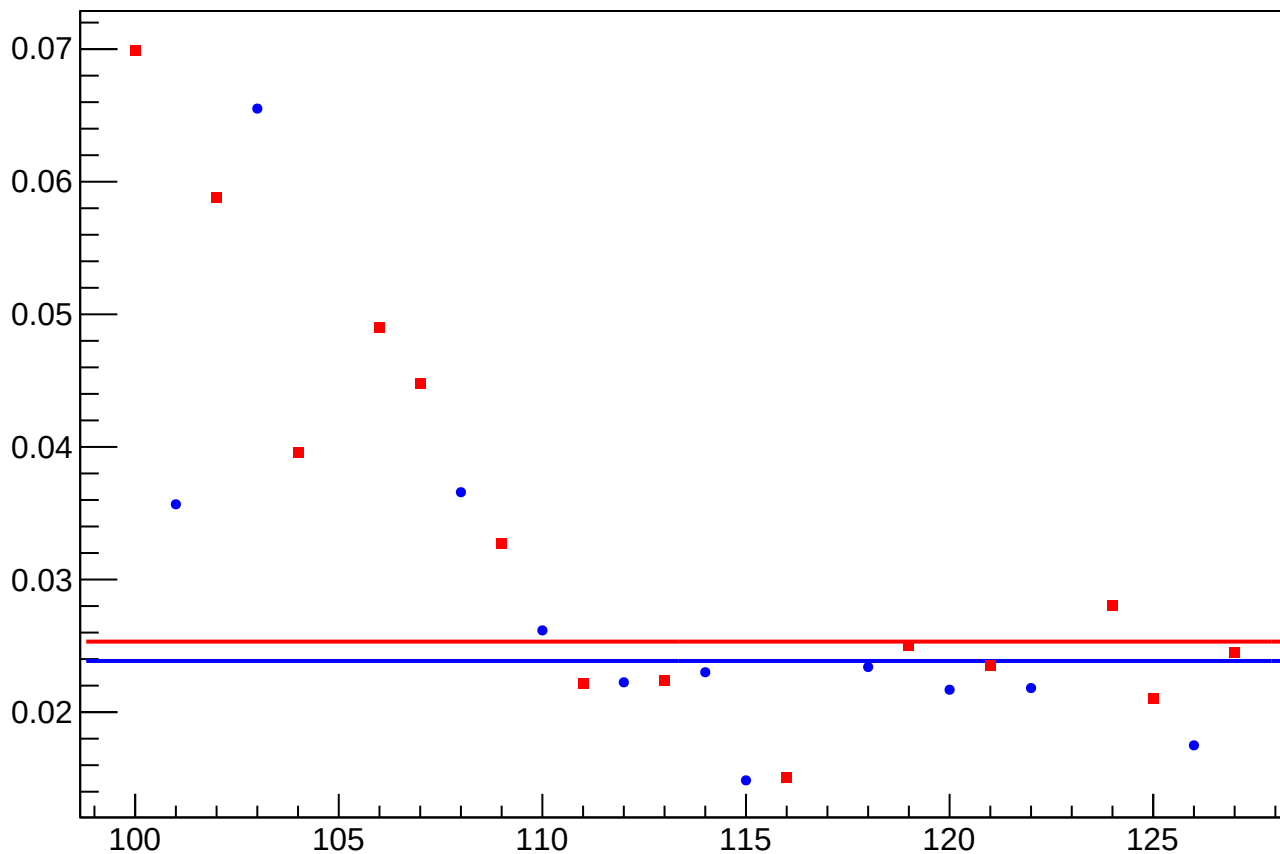
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.476+/-0.000 χ^2/NDF : 208203677.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4aX_rms vs Slug



Right In: 0.024 $\pm$ 0.000 χ^2 /NDF: 838251.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.025 $\pm$ 0.000 χ^2 /NDF: 1004016.2/13

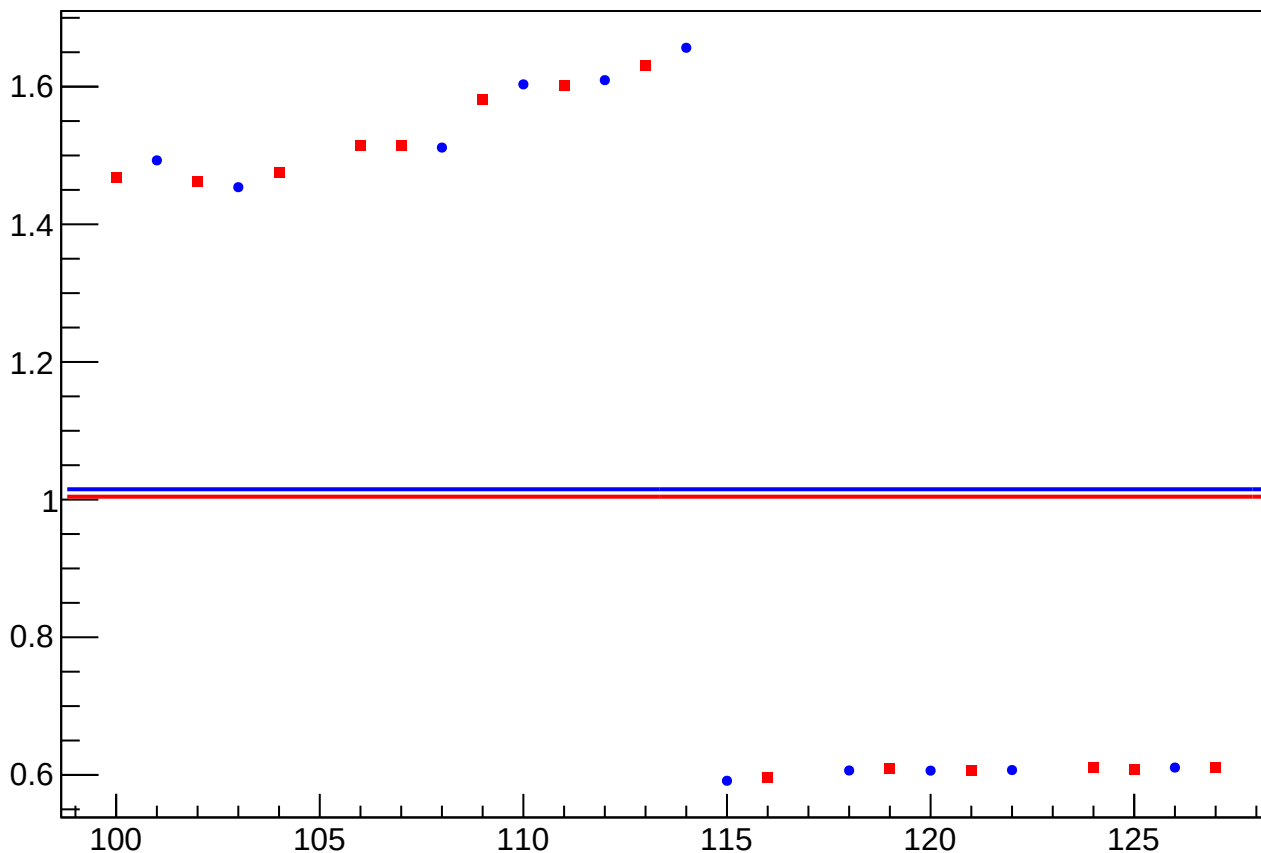
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.025 $\pm$ 0.000 χ^2 /NDF: 1855354.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm4aY_mean vs Slug



Right In: 1.015+/-0.000 χ^2/NDF : 2687834845.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.004+/-0.000 χ^2/NDF : 3331699670.9/13

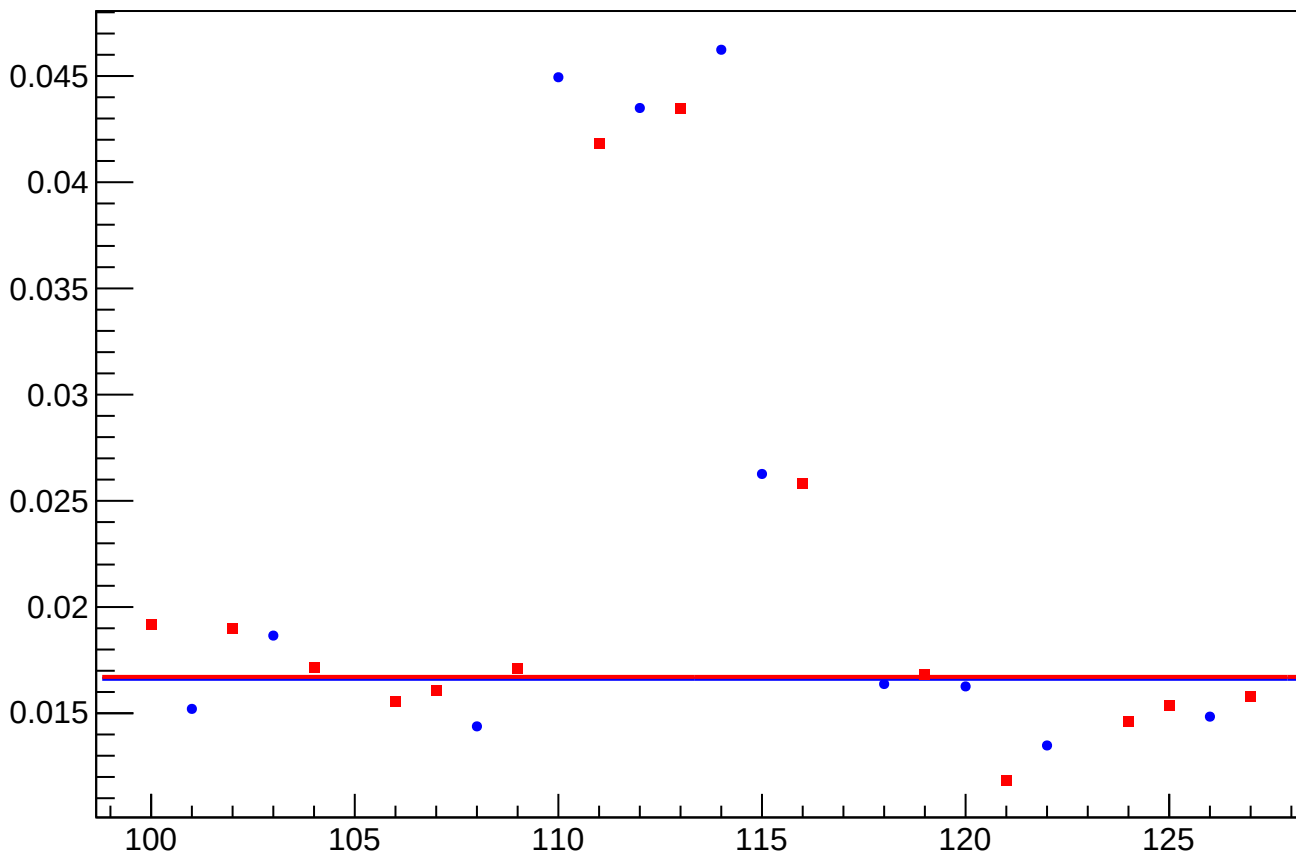
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.009+/-0.000 χ^2/NDF : 6020400759.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4aY_rms vs Slug



Right In: 0.017+/-0.000 χ^2/NDF : 839664.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.000 χ^2/NDF : 886817.9/13

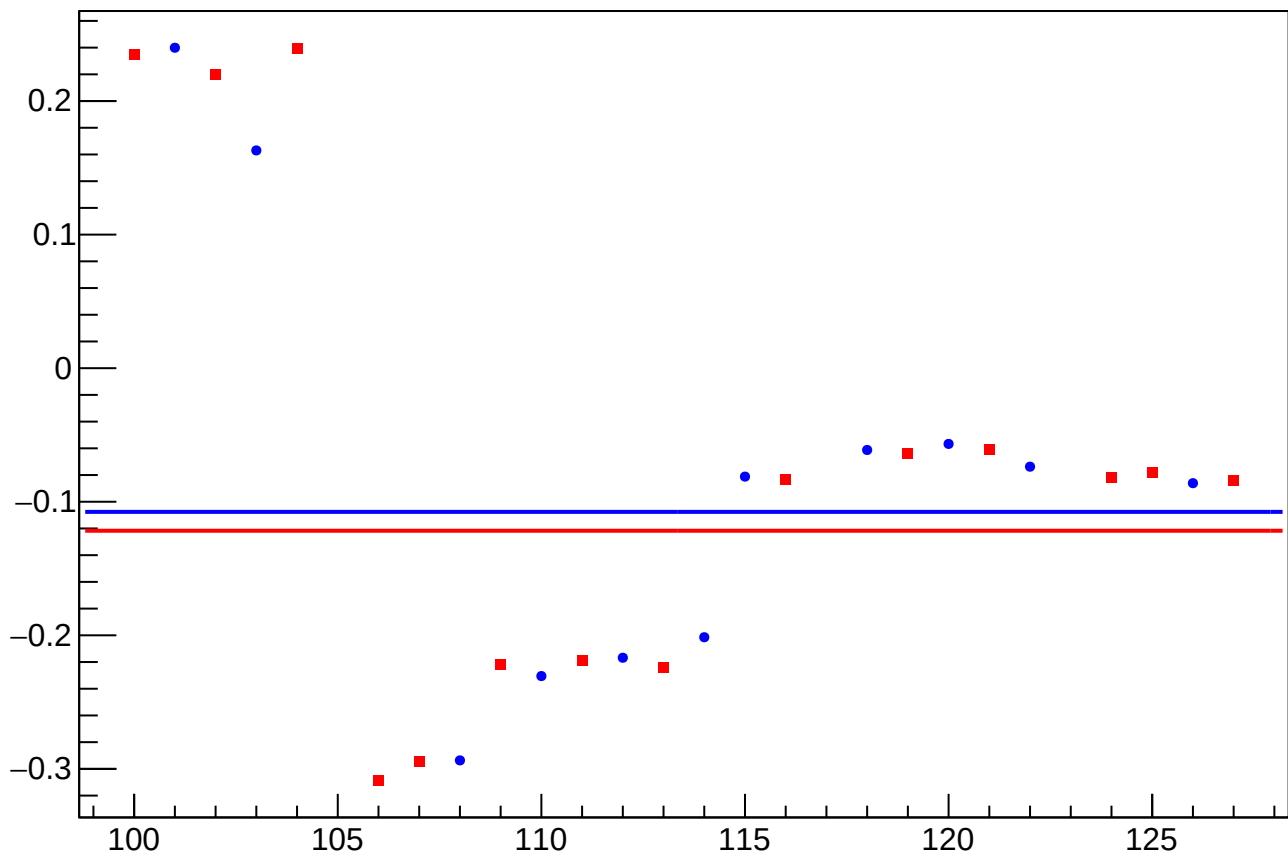
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.000 χ^2/NDF : 1726603.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4eX_mean vs Slug



Right In: -0.108+/-0.000 χ^2/NDF : 104442648.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.122+/-0.000 χ^2/NDF : 106315109.4/13

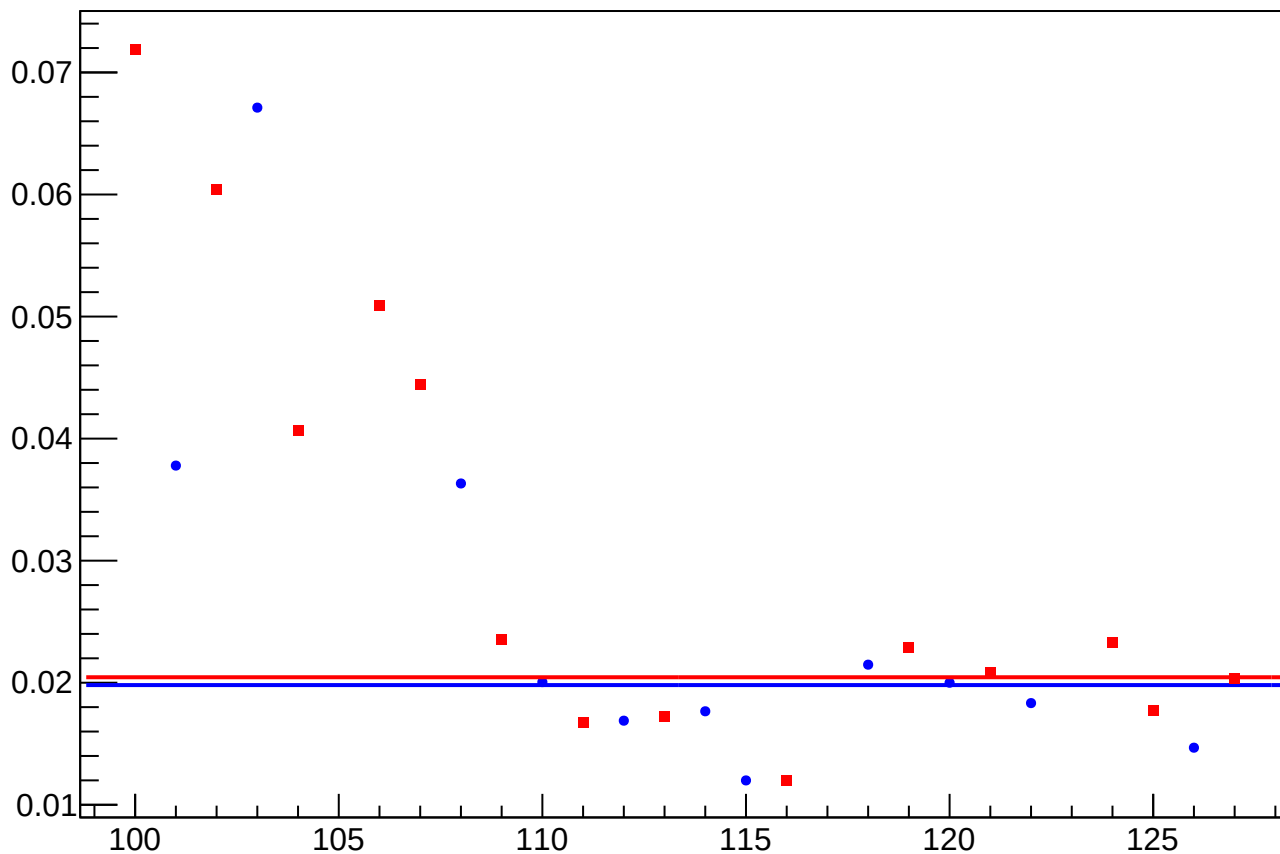
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.115+/-0.000 χ^2/NDF : 211630985.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4eX_rms vs Slug



Right In: 0.020+/-0.000 χ^2/NDF : 1156330.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.020+/-0.000 χ^2/NDF : 1368702.0/13

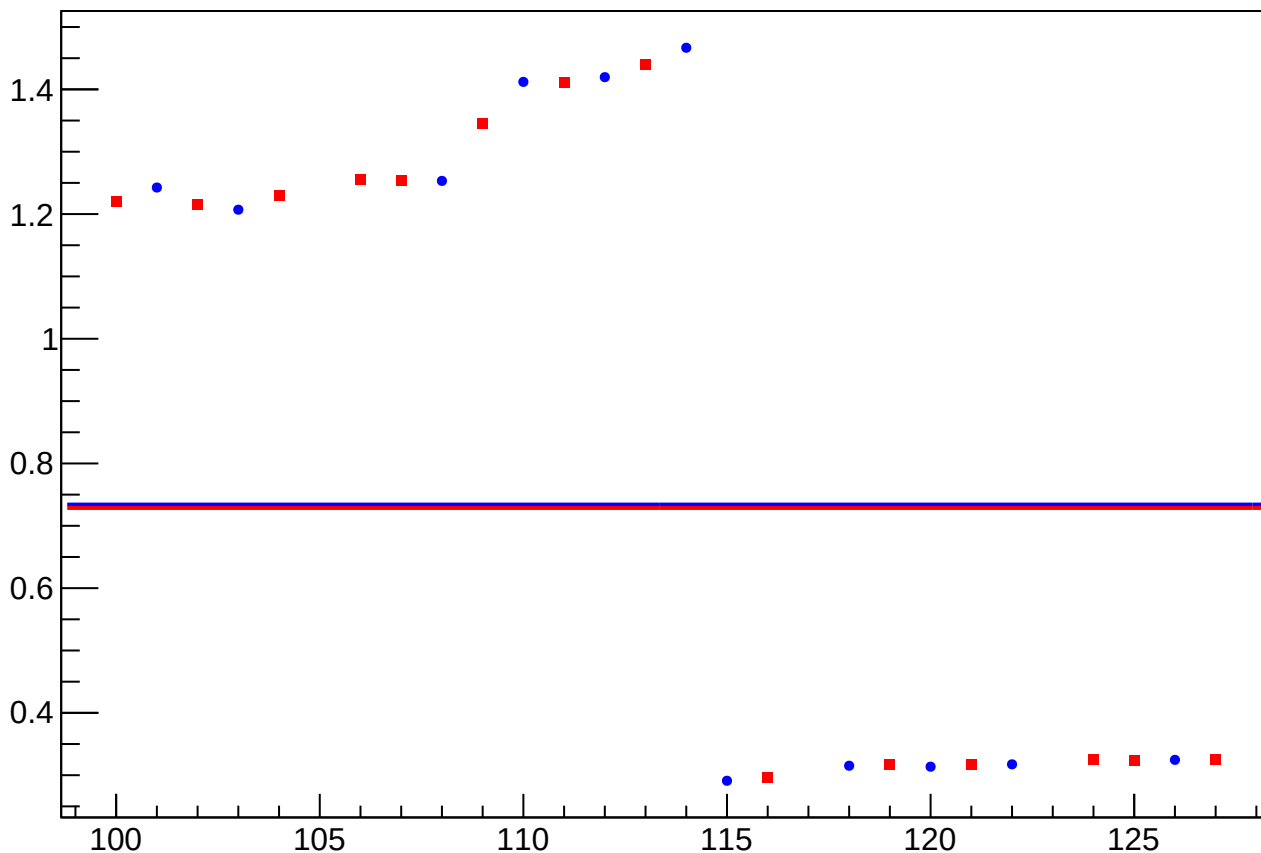
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.000 χ^2/NDF : 2528633.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4eY_mean vs Slug



Right In: 0.734+/-0.000 χ^2/NDF : 4426055927.7/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.729+/-0.000 χ^2/NDF : 5071065210.6/13

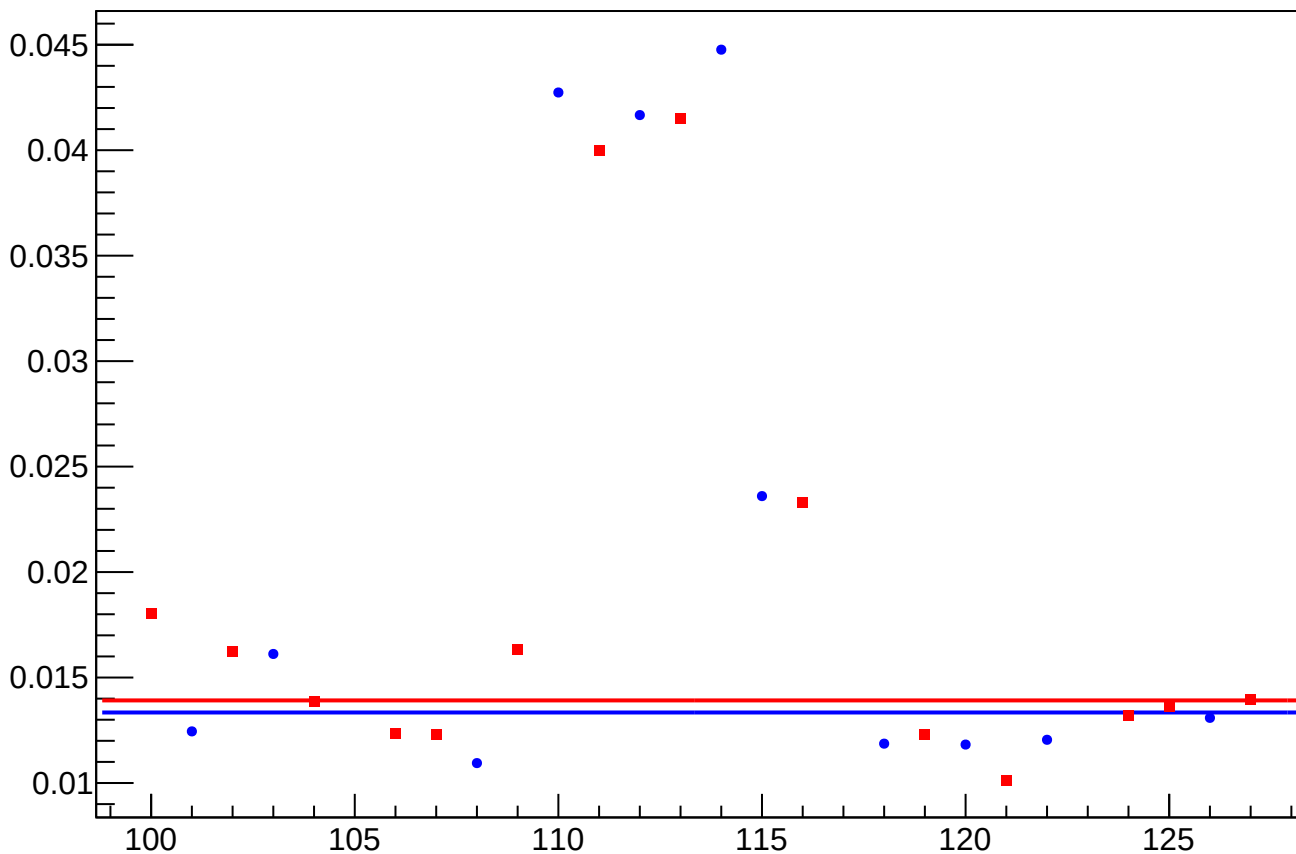
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.731+/-0.000 χ^2/NDF : 9497435647.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4eY_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF : 1004099.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 1030932.6/13

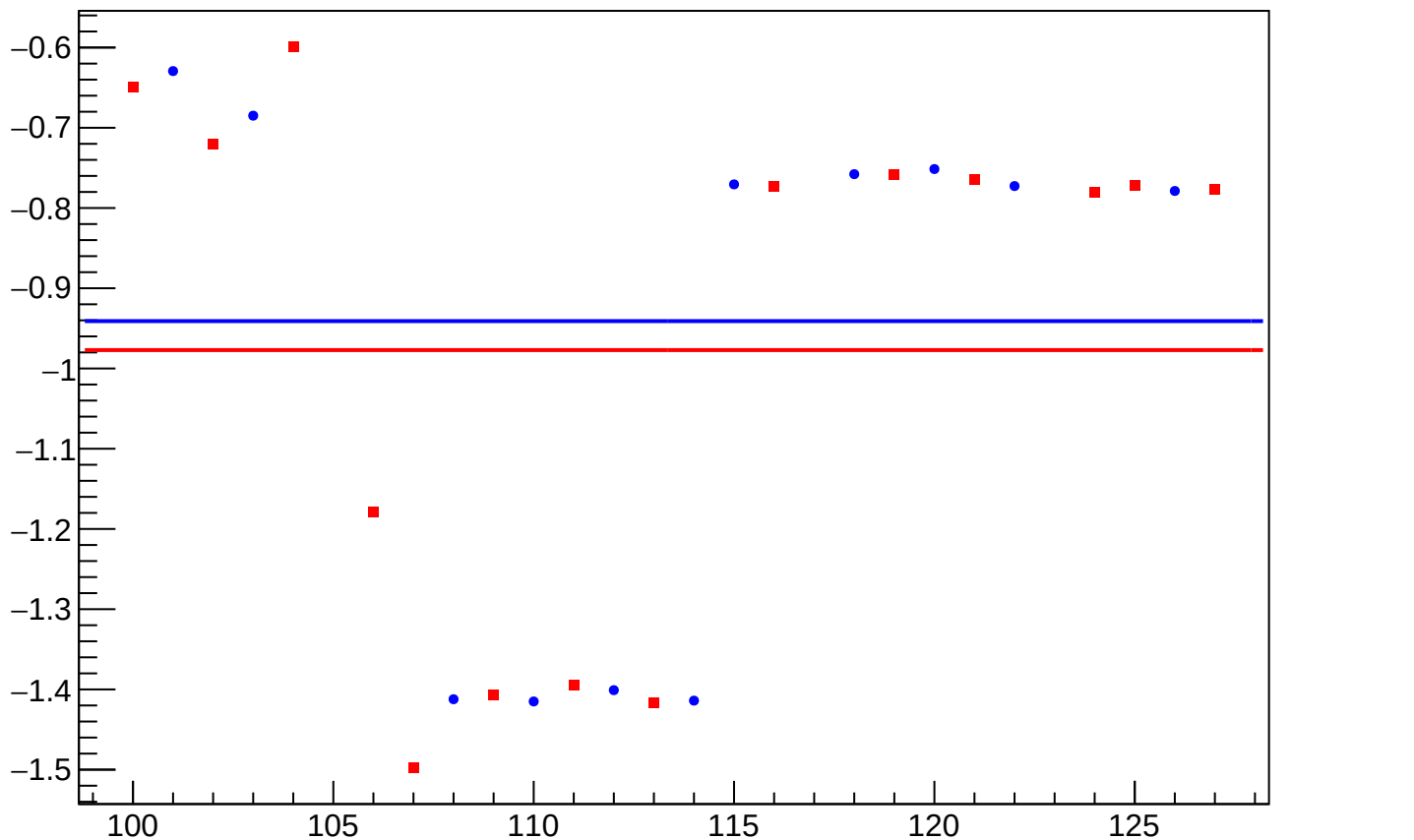
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 2042177.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4acX_mean vs Slug



Right In: -0.941+/-0.000 χ^2/NDF : 555158104.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.977+/-0.000 χ^2/NDF : 639436613.5/13

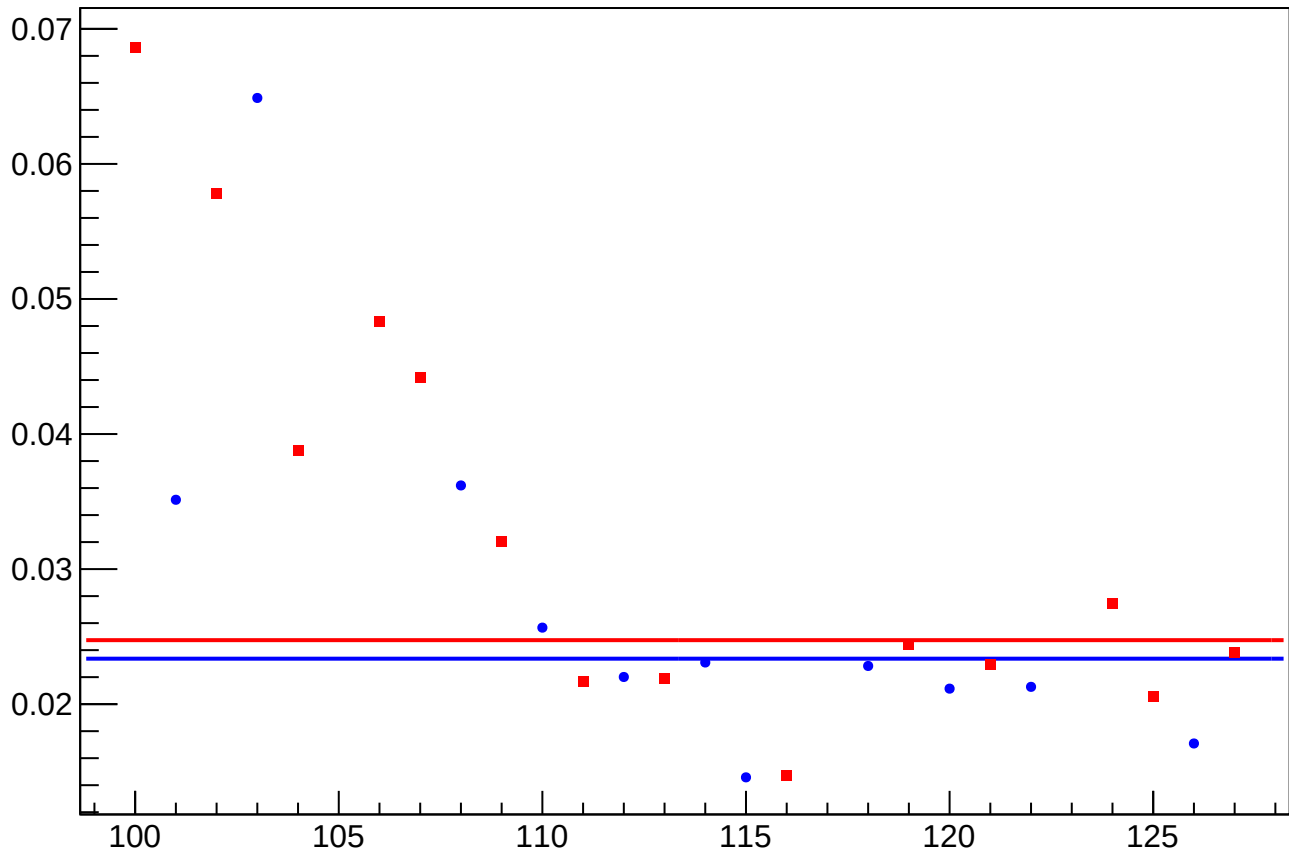
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.960+/-0.000 χ^2/NDF : 1198769477.0/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4acX_rms vs Slug



Right In: 0.023+/-0.000 χ^2/NDF : 848375.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.025+/-0.000 χ^2/NDF : 1012378.4/13

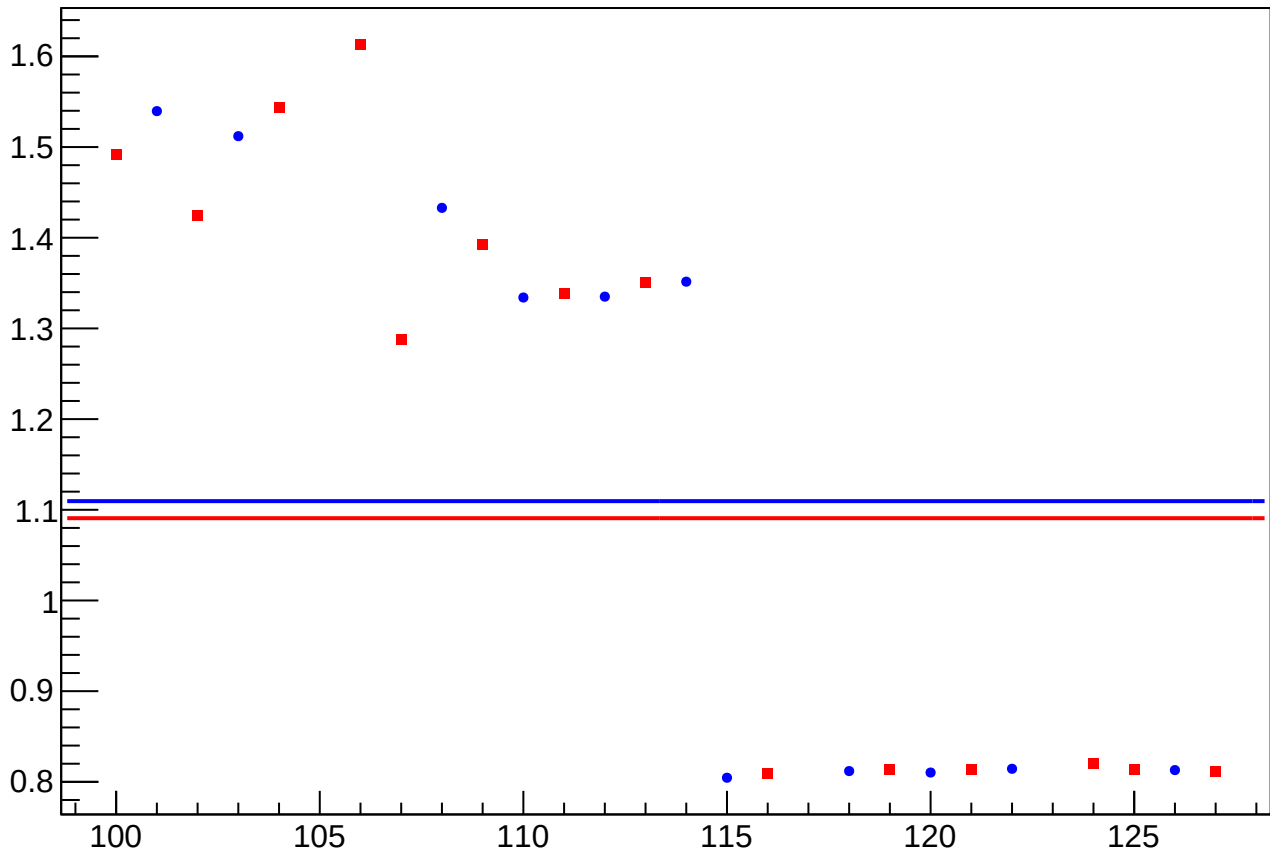
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.000 χ^2/NDF : 1872778.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4acY_mean vs Slug



Right In: 1.110+/-0.000 χ^2/NDF : 1504679606.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.091+/-0.000 χ^2/NDF : 1728083990.9/13

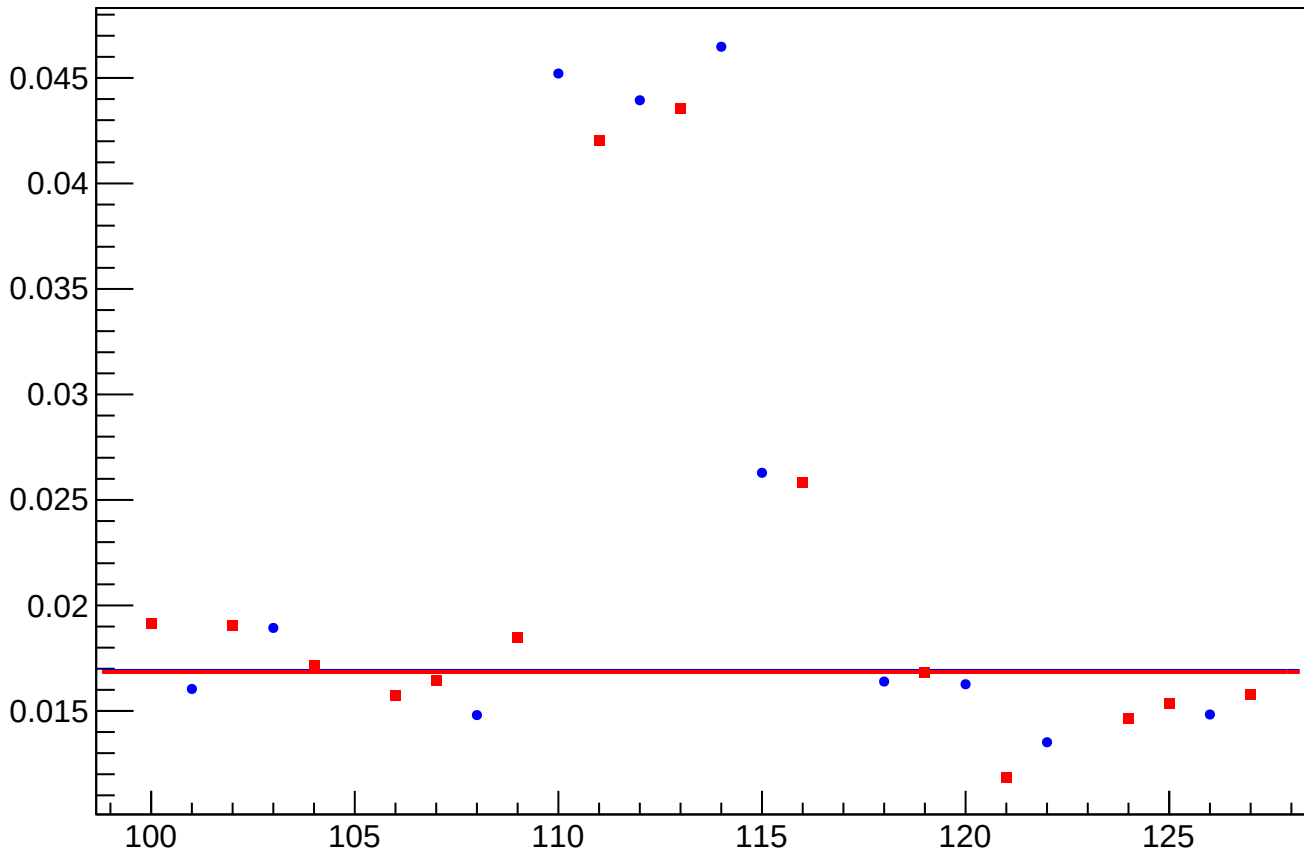
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.099+/-0.000 χ^2/NDF : 3235332507.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4acY_rms vs Slug



Right In: 0.017+/-0.000 χ^2/NDF : 831961.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.000 χ^2/NDF : 893540.4/13

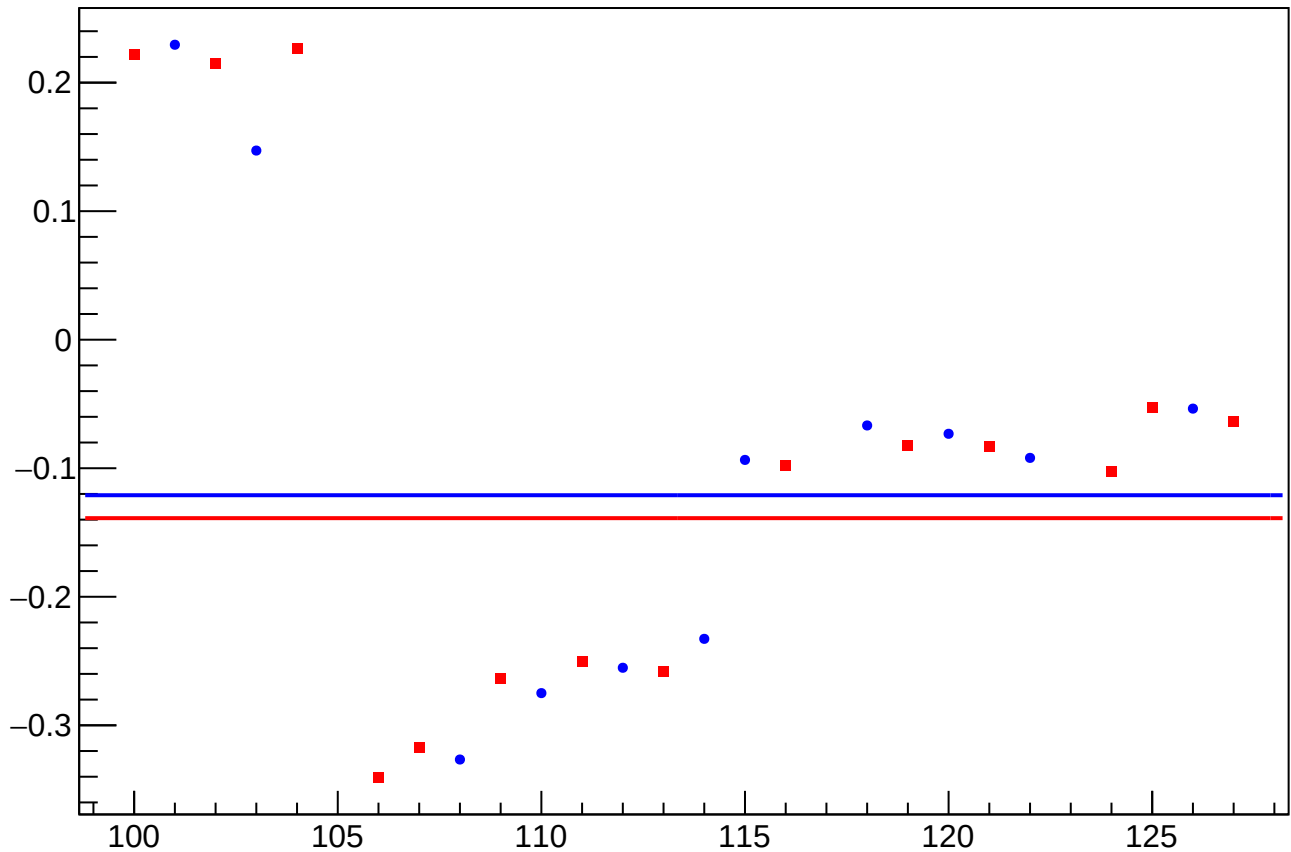
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.000 χ^2/NDF : 1725537.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4ecX_mean vs Slug



Right In: -0.121 ± 0.000 χ^2/NDF : 127066867.6/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.139 ± 0.000 χ^2/NDF : 127308502.9/13

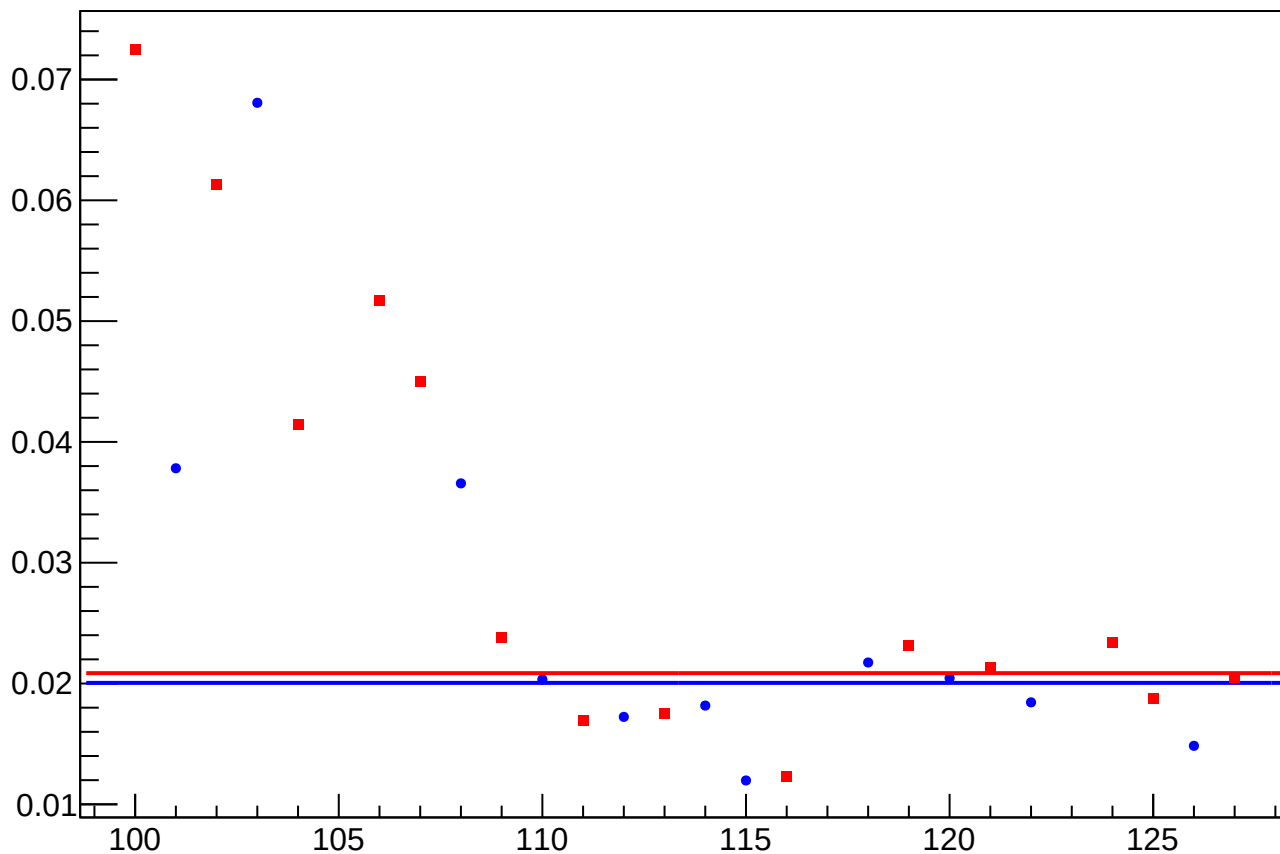
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.130 ± 0.000 χ^2/NDF : 255727979.5/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

yield_bpm4ecX_rms vs Slug



Right In: 0.020+/-0.000 χ^2/NDF : 1148590.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-0.000 χ^2/NDF : 1353843.2/13

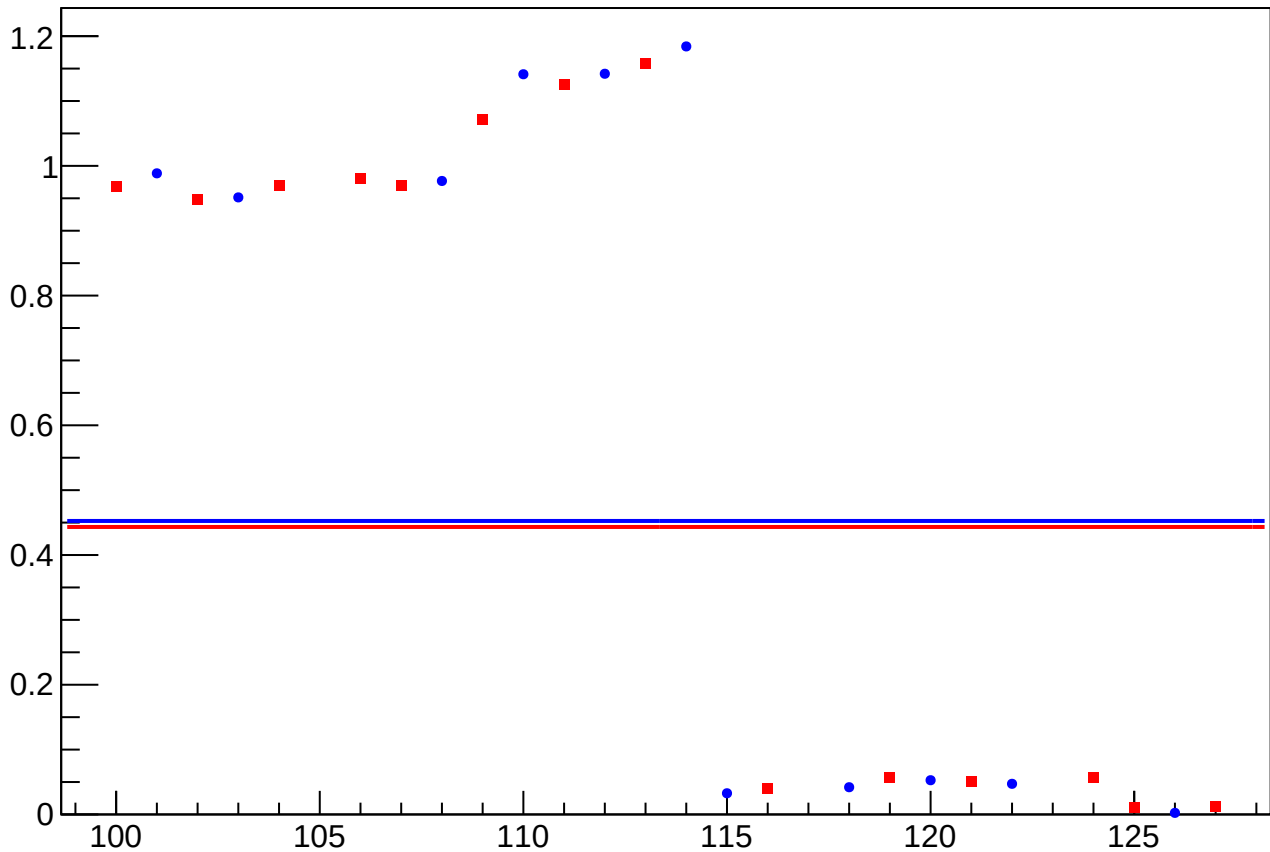
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.000 χ^2/NDF : 2507960.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4ecY_mean vs Slug



Right In: 0.453+/-0.000 χ^2/NDF : 4653647309.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.443+/-0.000 χ^2/NDF : 5200167972.5/13

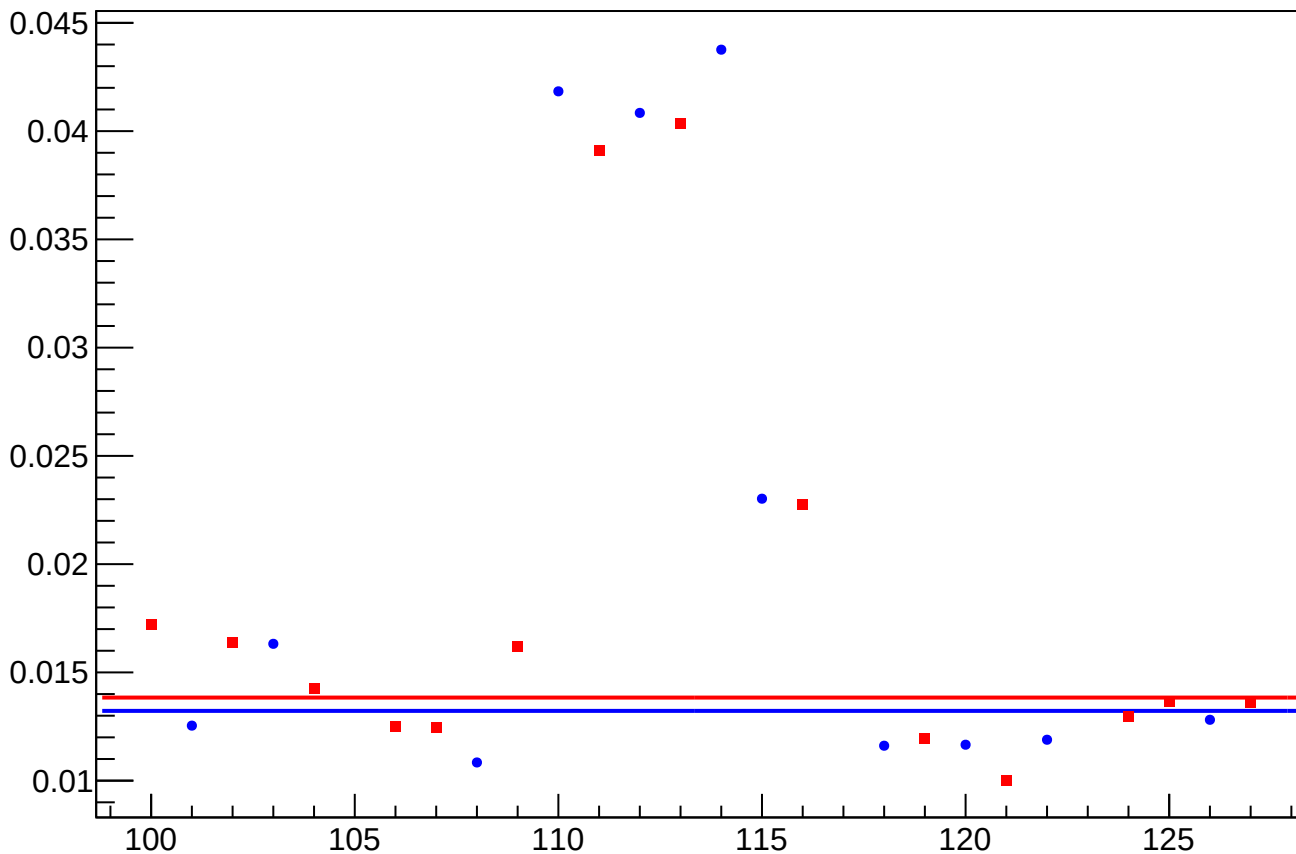
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.448+/-0.000 χ^2/NDF : 9854765659.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4ecY_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF : 1004803.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 1024120.4/13

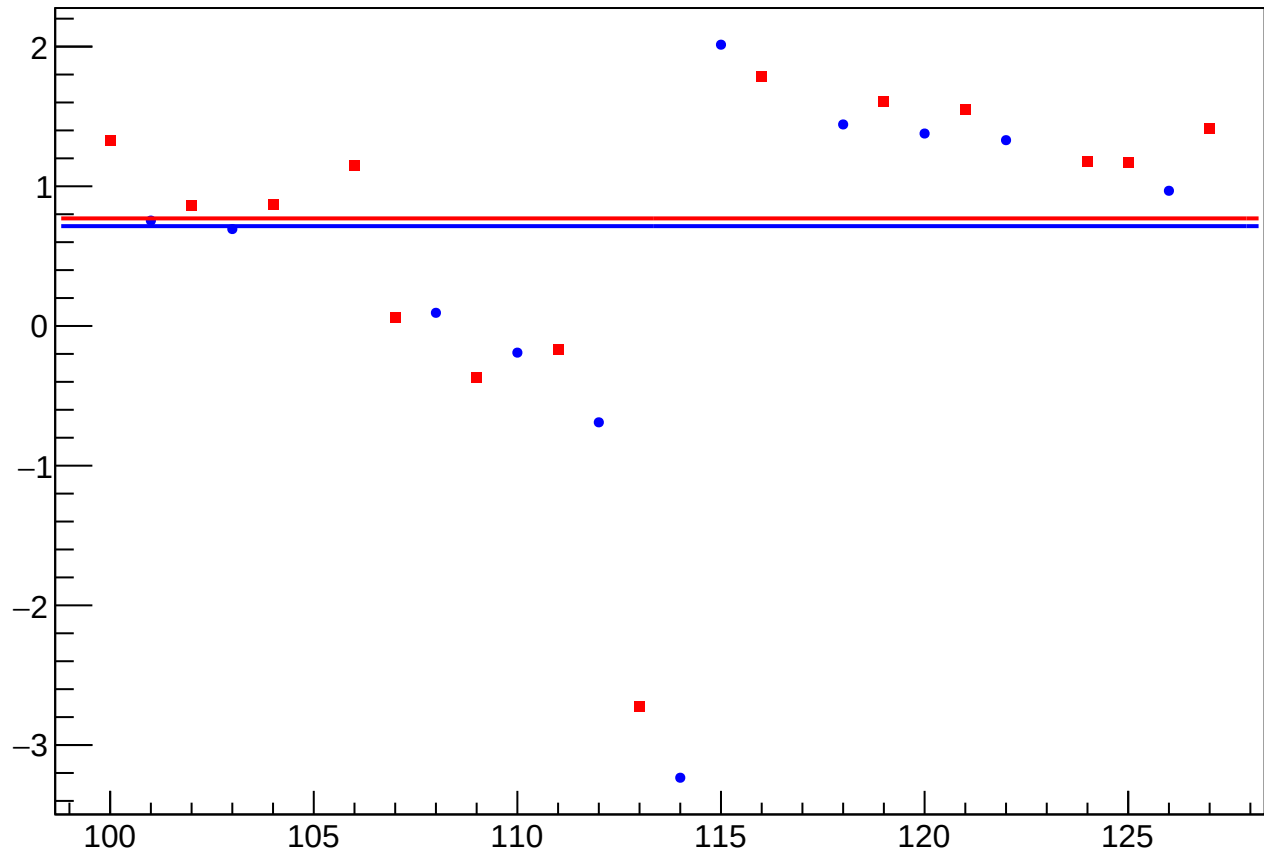
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 2037297.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1X_mean vs Slug



Right In: 0.715+/-0.000 χ^2/NDF : 357044032.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.770+/-0.000 χ^2/NDF : 1027551000.9/13

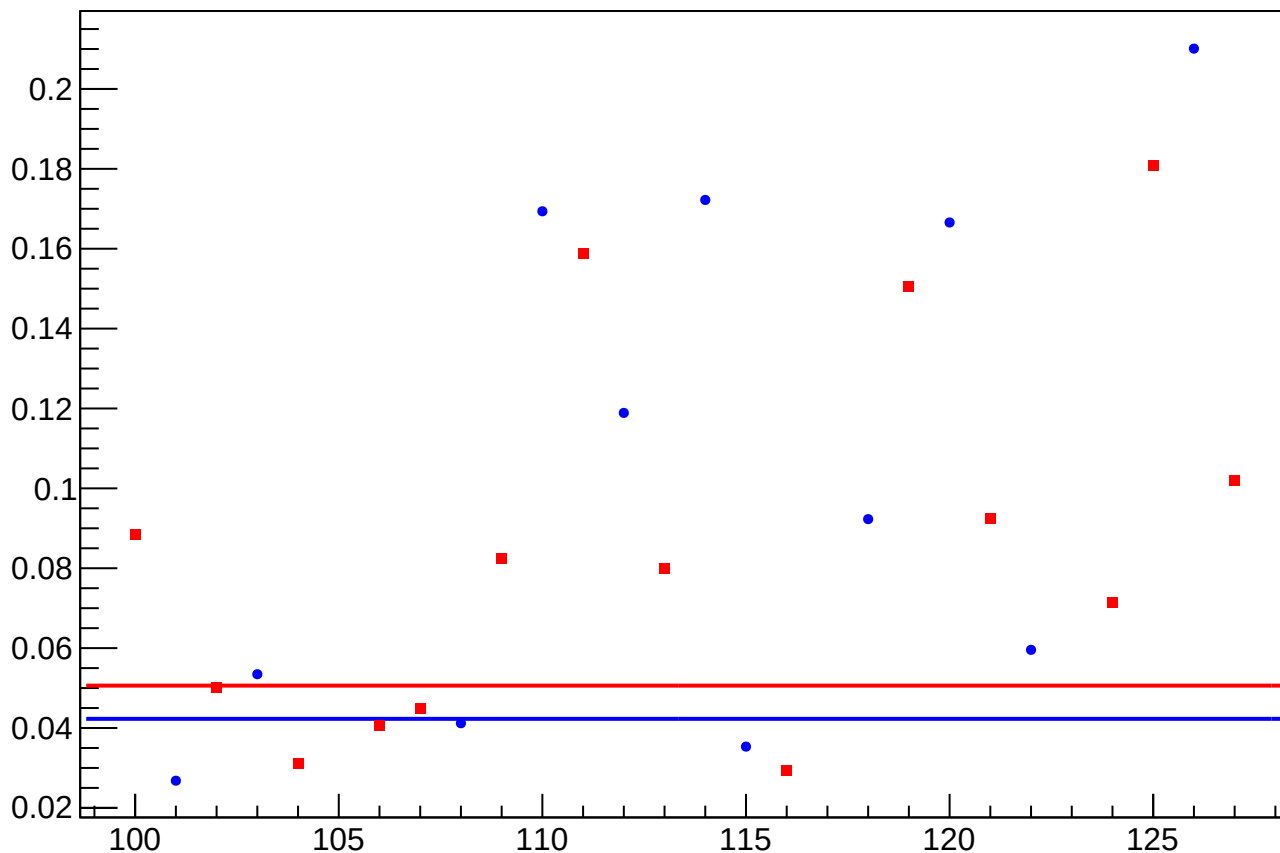
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.741+/-0.000 χ^2/NDF : 1386607716.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1X_rms vs Slug



Right In: 0.042+/-0.000 χ^2/NDF : 2388786.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.051+/-0.000 χ^2/NDF : 2165646.8/13

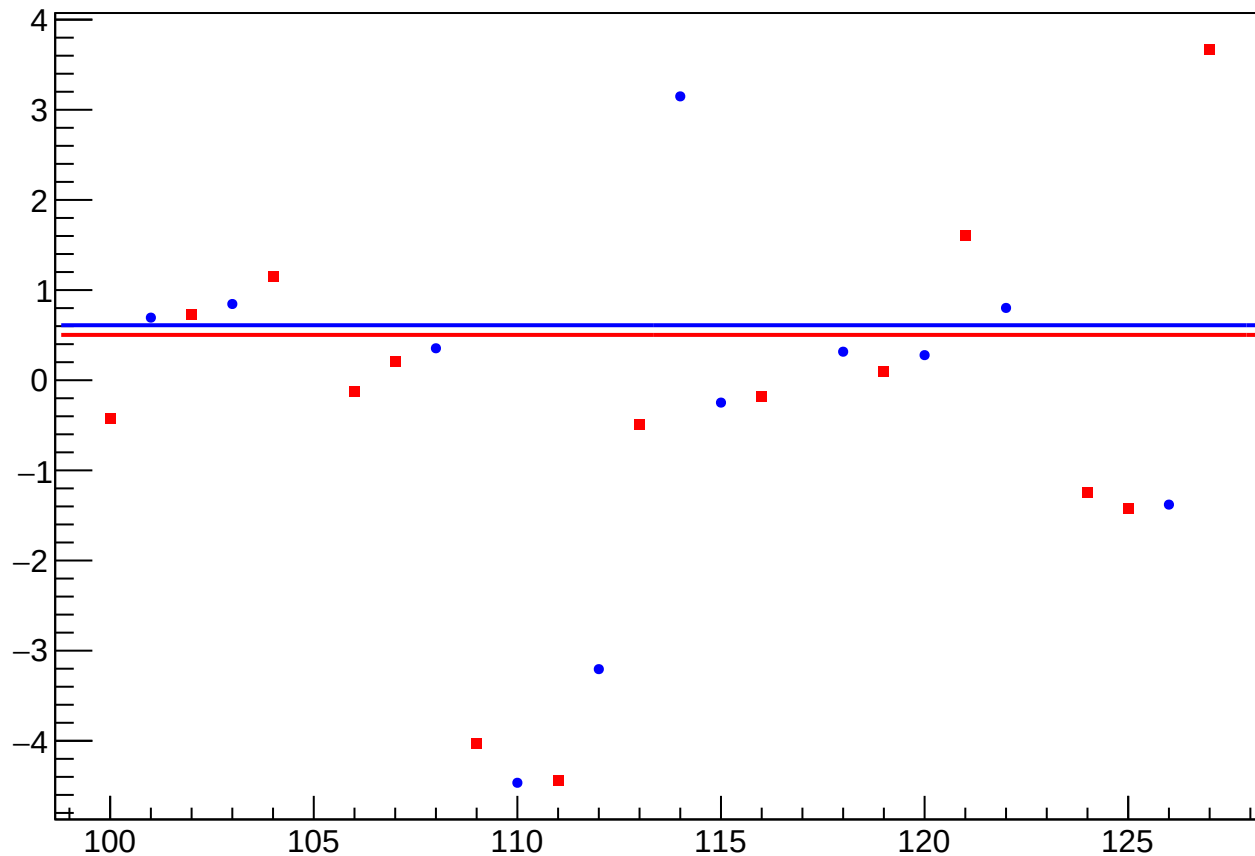
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.046+/-0.000 χ^2/NDF : 4645046.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1Y_mean vs Slug



Right In: 0.610+/-0.000 χ^2/NDF : 1397919237.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.503+/-0.000 χ^2/NDF : 4433061518.9/13

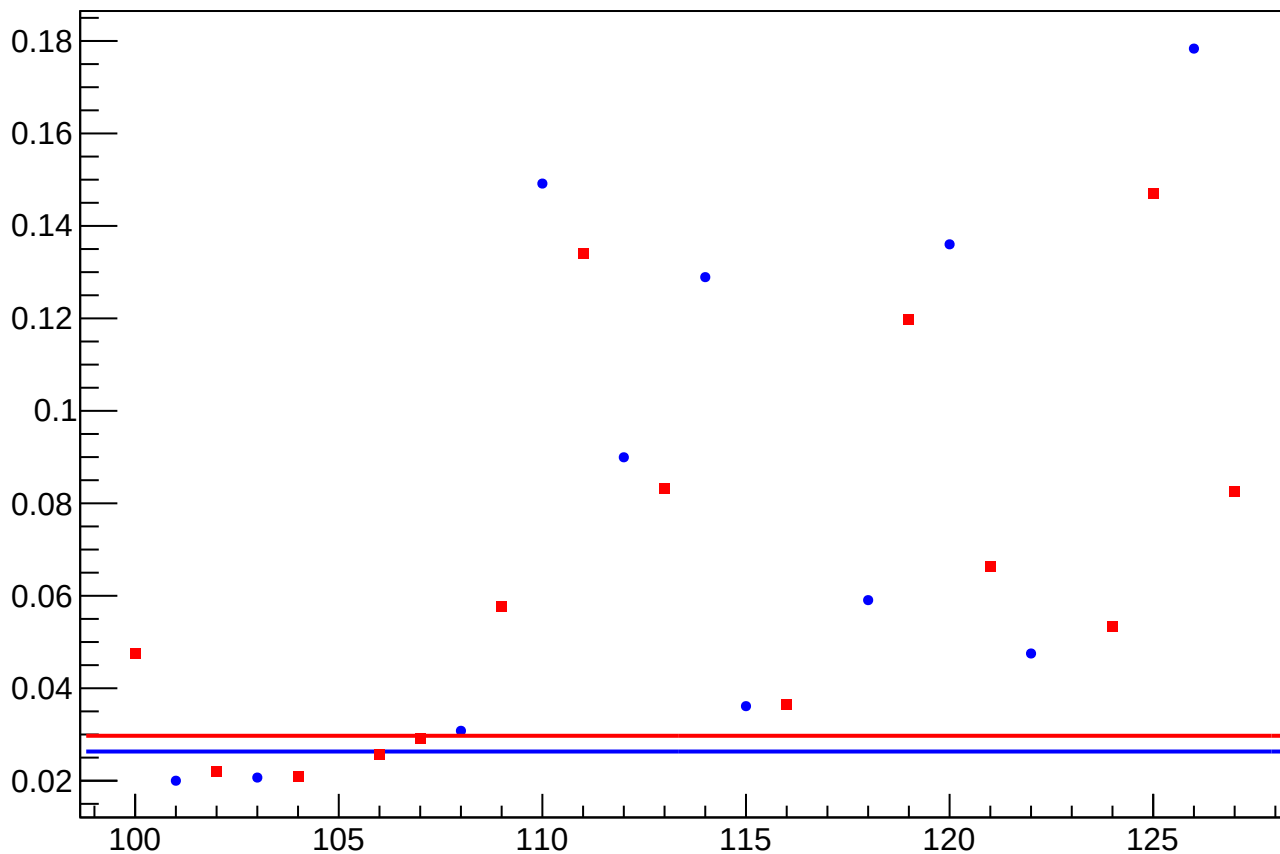
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.556+/-0.000 χ^2/NDF : 5850608559.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1Y_rms vs Slug



Right In: 0.026+/-0.000 χ^2/NDF : 2500009.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.030+/-0.000 χ^2/NDF : 2799480.5/13

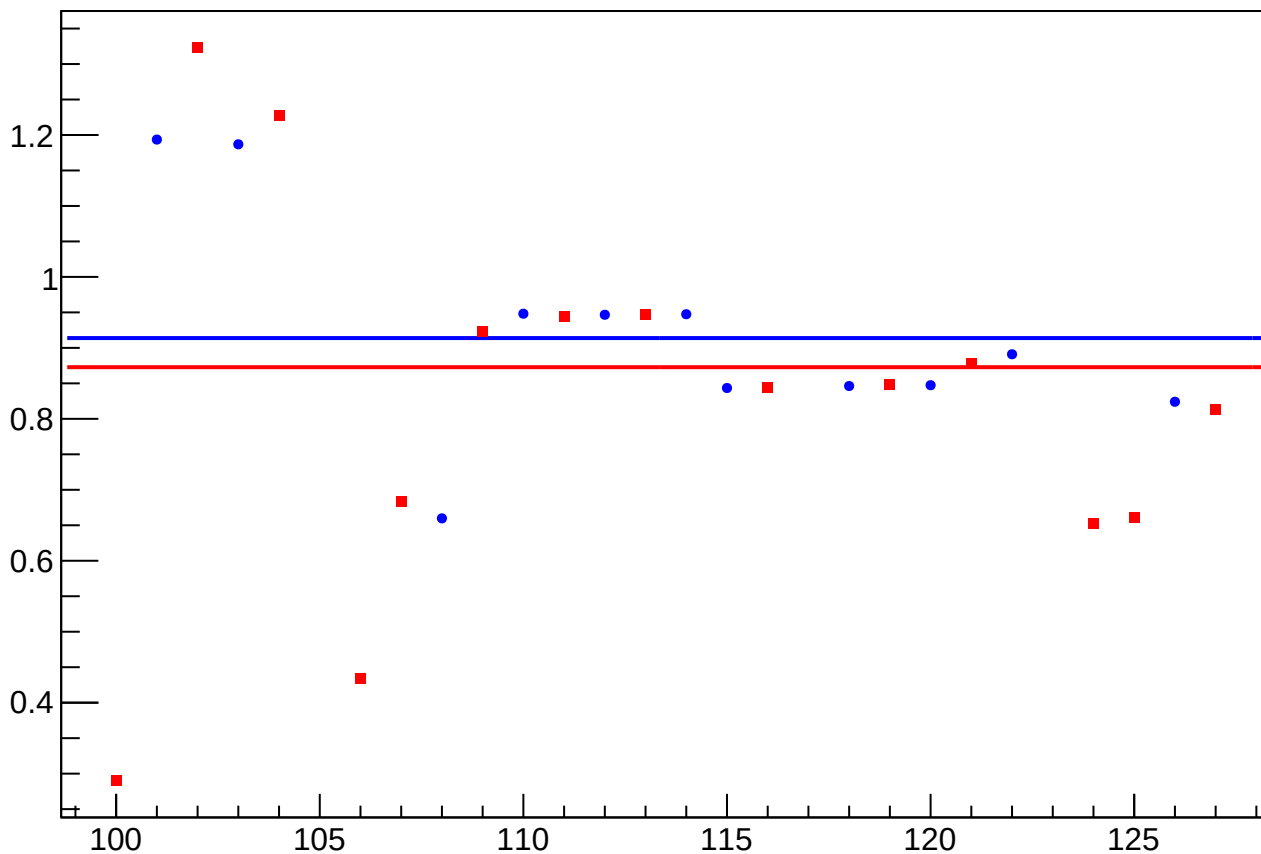
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.000 χ^2/NDF : 5338991.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm11X_mean vs Slug



Right In: 0.914 $\pm$ 0.000 χ^2 /NDF: 319865259.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.873 $\pm$ 0.000 χ^2 /NDF: 601934339.5/13

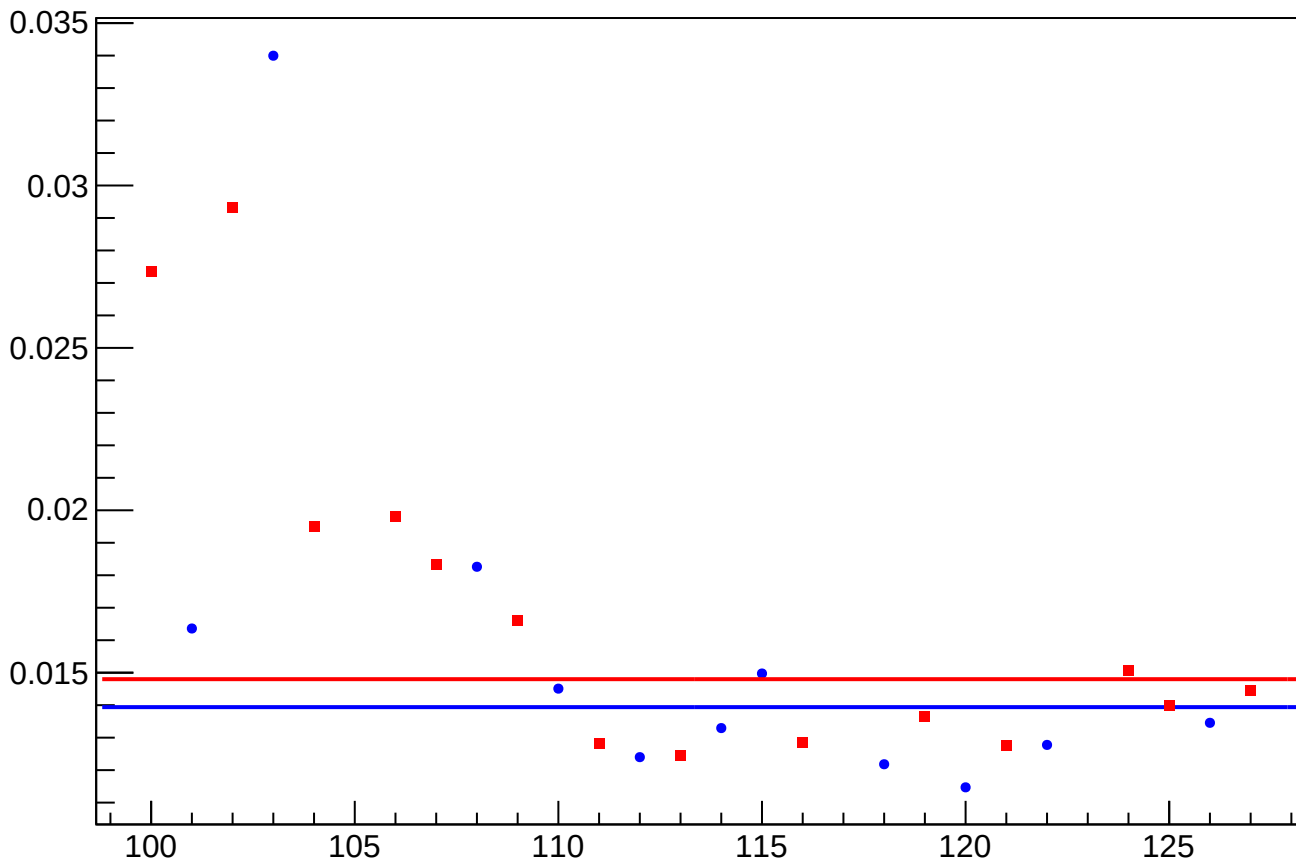
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.892 $\pm$ 0.000 χ^2 /NDF: 938751884.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm11X_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 528719.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 502520.5/13

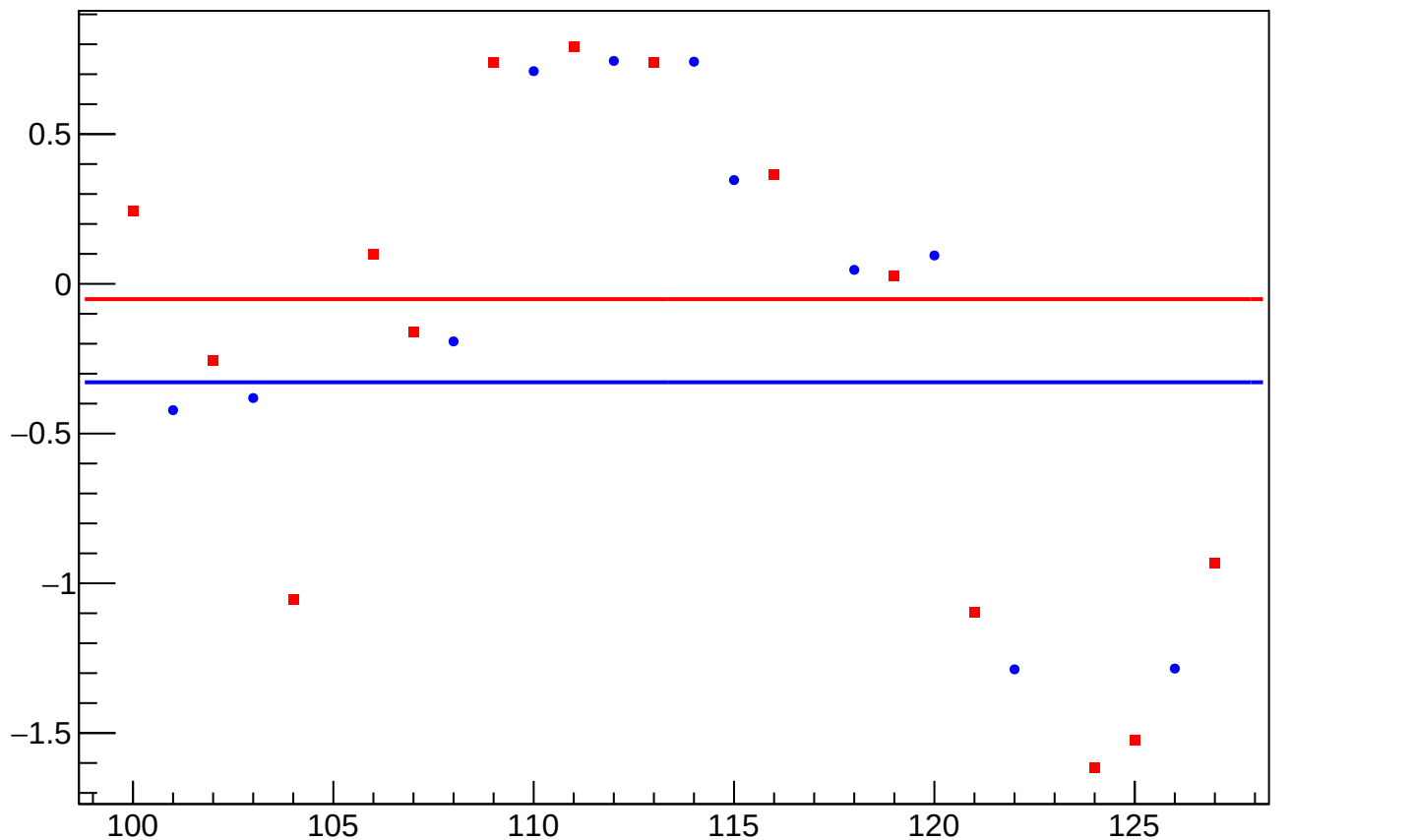
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 1046157.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm11Y_mean vs Slug



Right In: -0.329+/-0.000 χ^2/NDF : 5423600436.6/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.051+/-0.000 χ^2/NDF : 14432752225.7/13

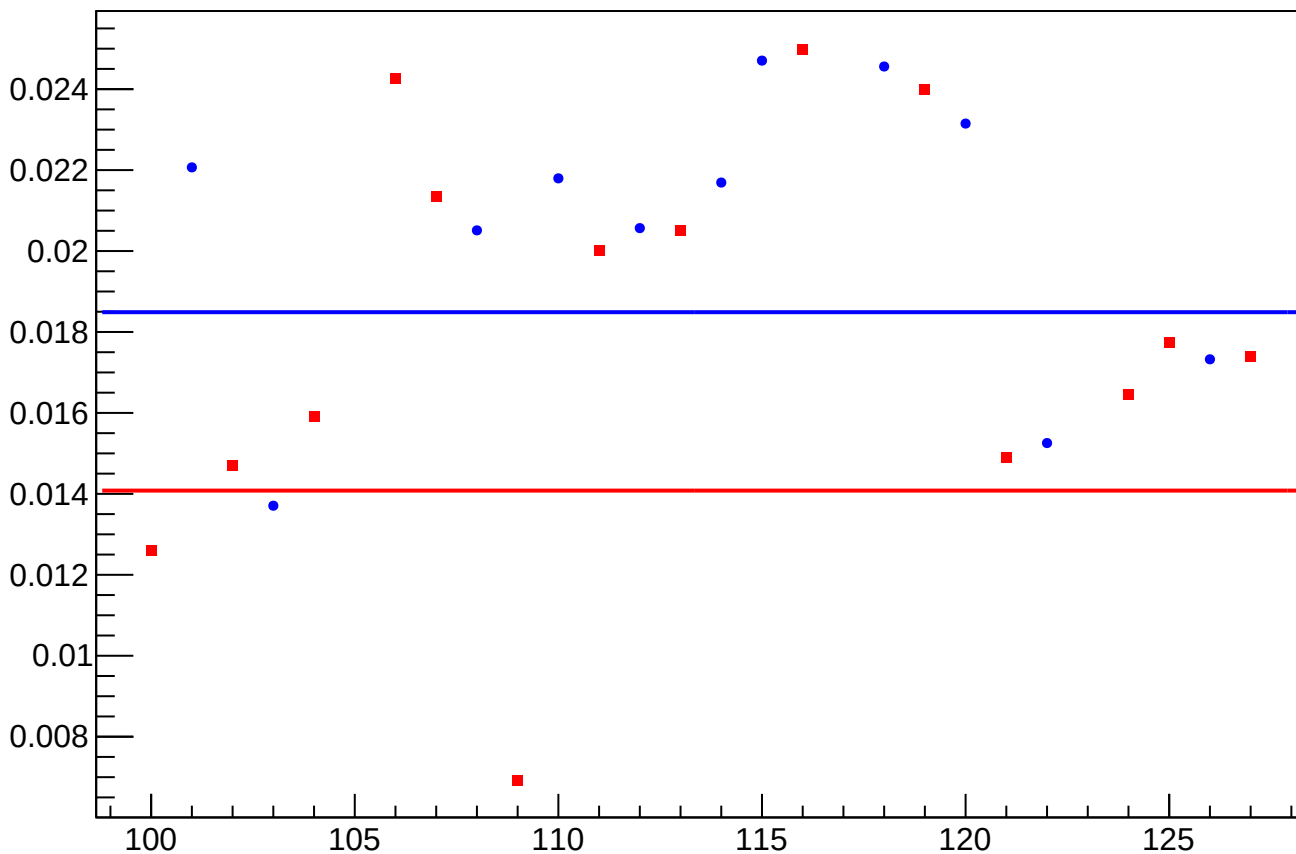
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.149+/-0.000 χ^2/NDF : 20429961253.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm11Y_rms vs Slug



Right In: 0.018+/-0.000 χ^2/NDF : 347149.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 1393536.7/13

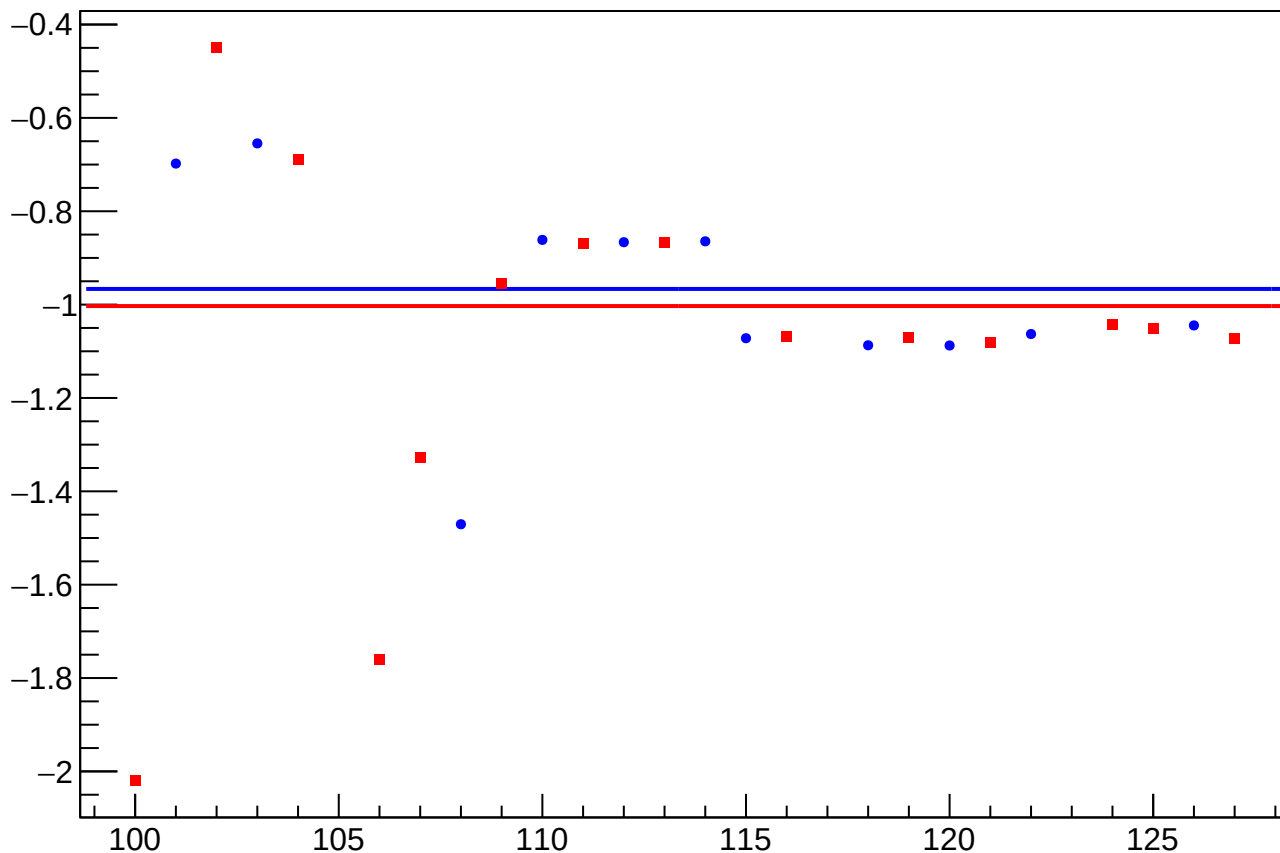
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 2030038.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm12X_mean vs Slug



Right In: -0.966+/-0.000 χ^2/NDF : 129527201.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.003+/-0.000 χ^2/NDF : 238352181.1/13

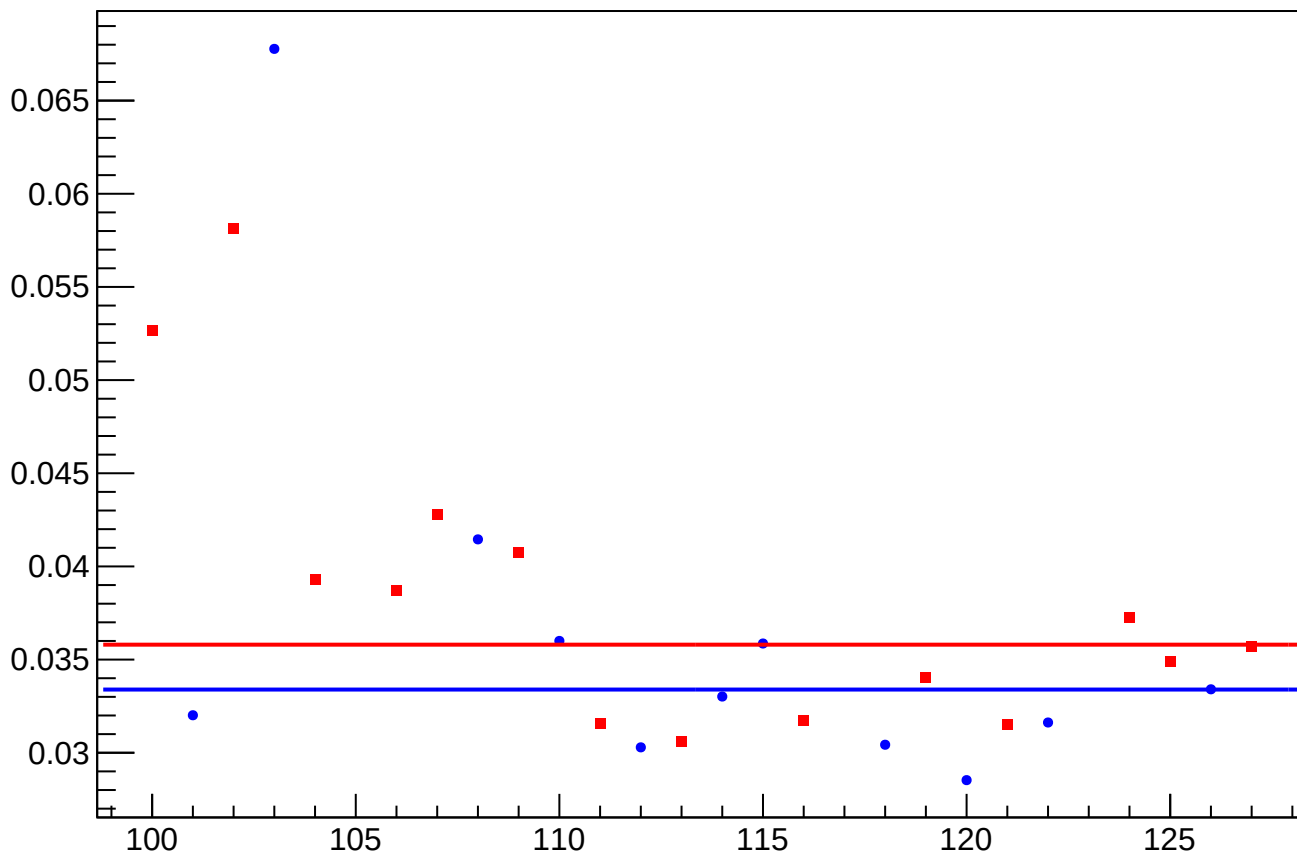
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.985+/-0.000 χ^2/NDF : 370254157.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm12X_rms vs Slug



Right In: 0.033+/-0.000 χ^2/NDF : 355878.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.036+/-0.000 χ^2/NDF : 274081.8/13

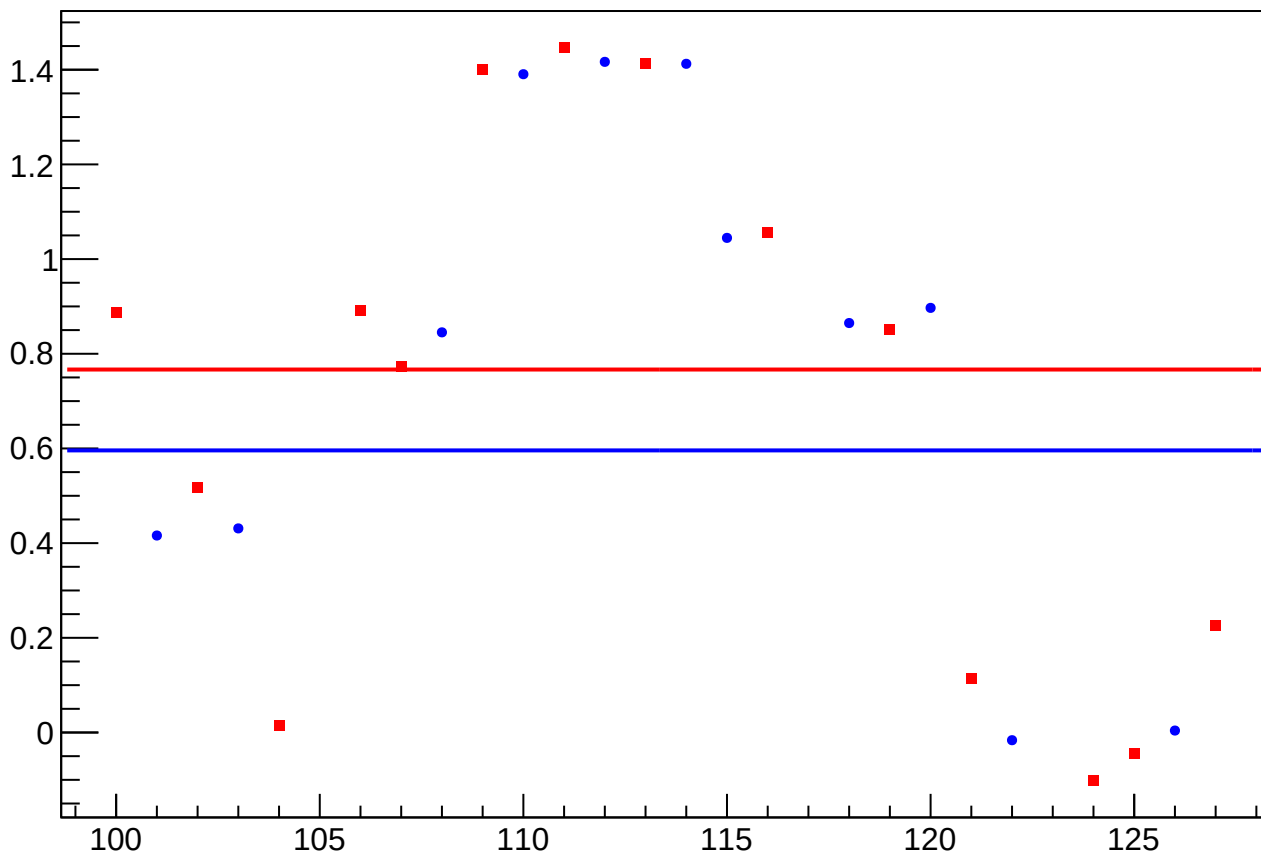
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.035+/-0.000 χ^2/NDF : 650435.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm12Y_mean vs Slug



Right In: 0.596+/-0.000 χ^2/NDF : 6268197127.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.767+/-0.000 χ^2/NDF : 13767570898.3/13

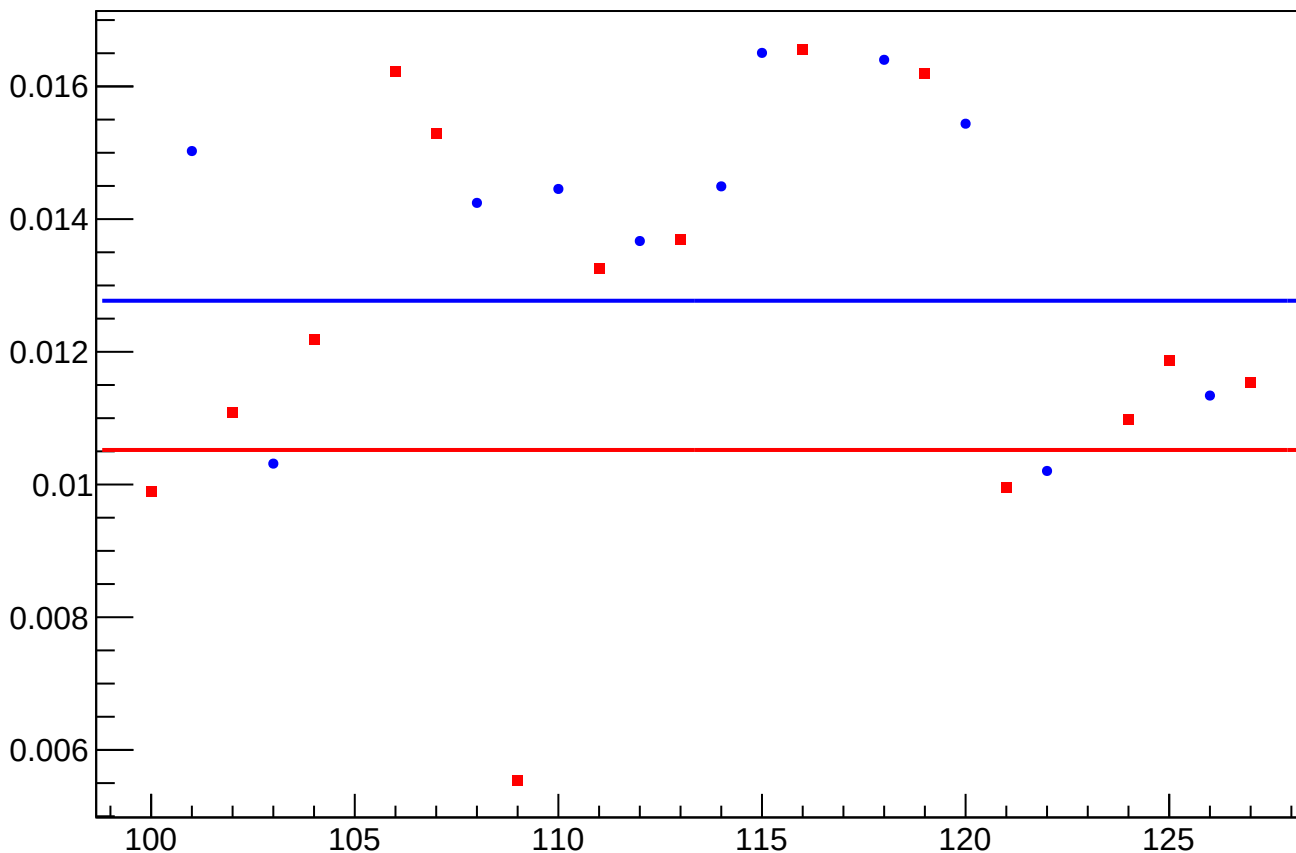
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.702+/-0.000 χ^2/NDF : 20477156284.3/20

- 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: 257954.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 964529.4/13

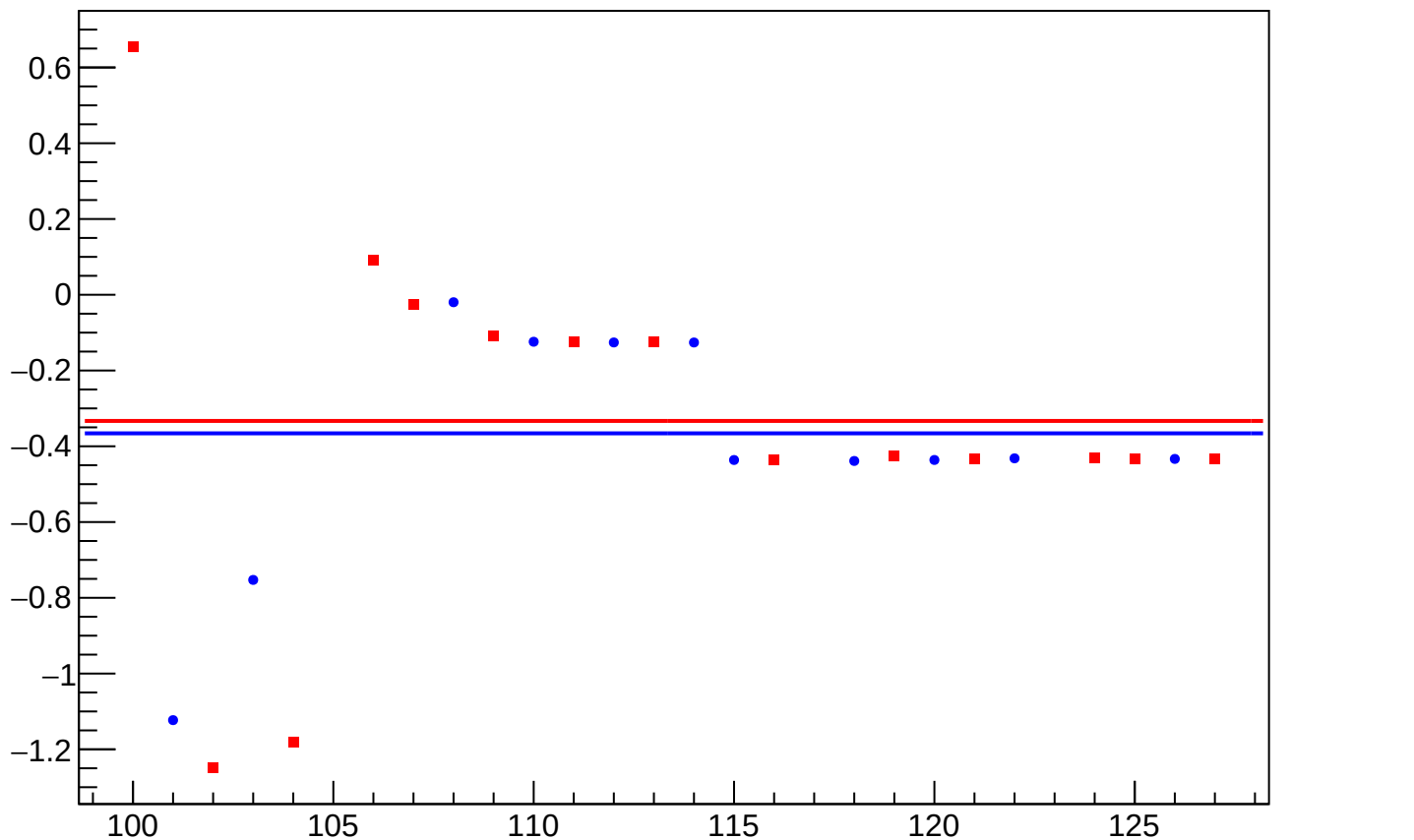
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.011 $\pm$ 0.000 χ^2 /NDF: 1375498.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm16X_mean vs Slug



Right In: -0.366+/-0.000 χ^2/NDF : 659226358.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.333+/-0.000 χ^2/NDF : 728064737.1/13

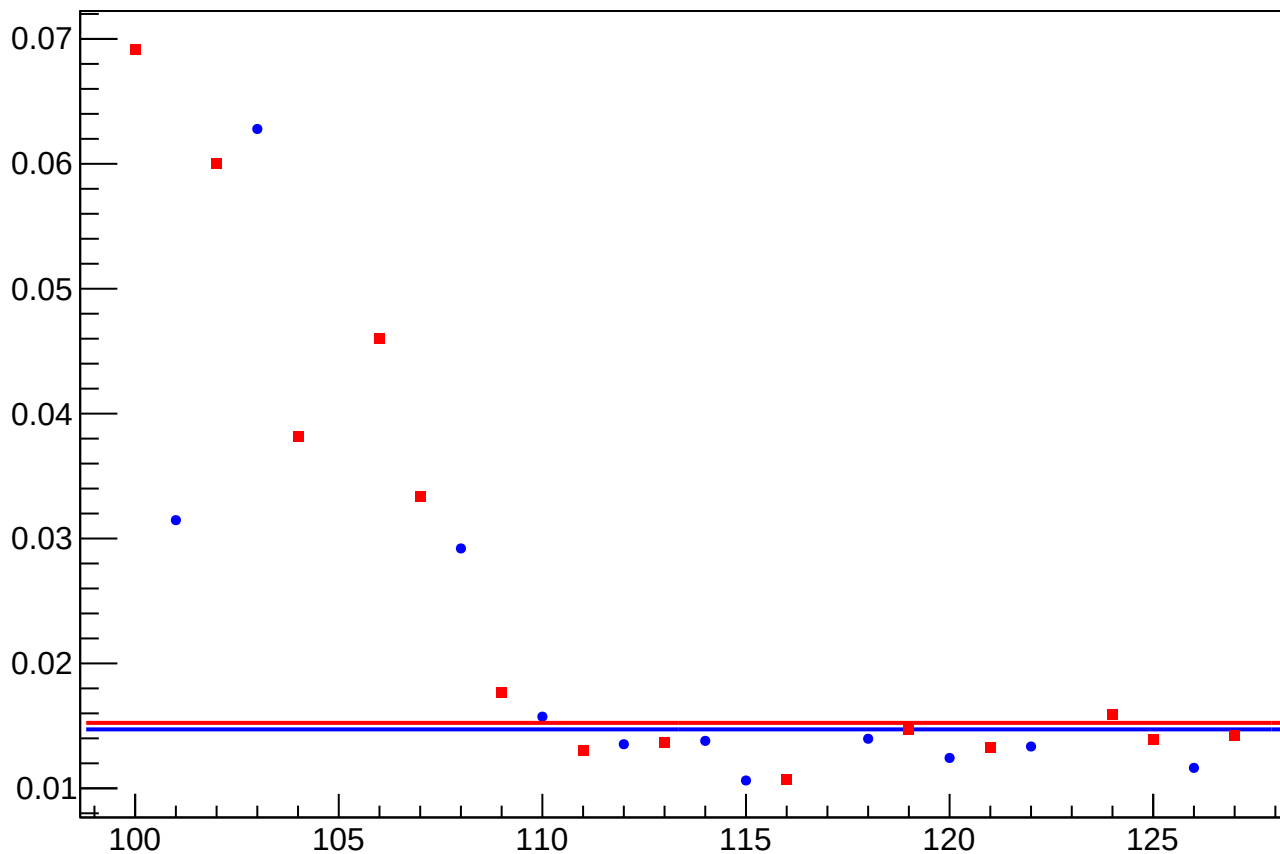
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.349+/-0.000 χ^2/NDF : 1395410596.3/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm16X_rms vs Slug



Right In: 0.015+/-0.000 χ^2/NDF : 1209902.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 1470771.1/13

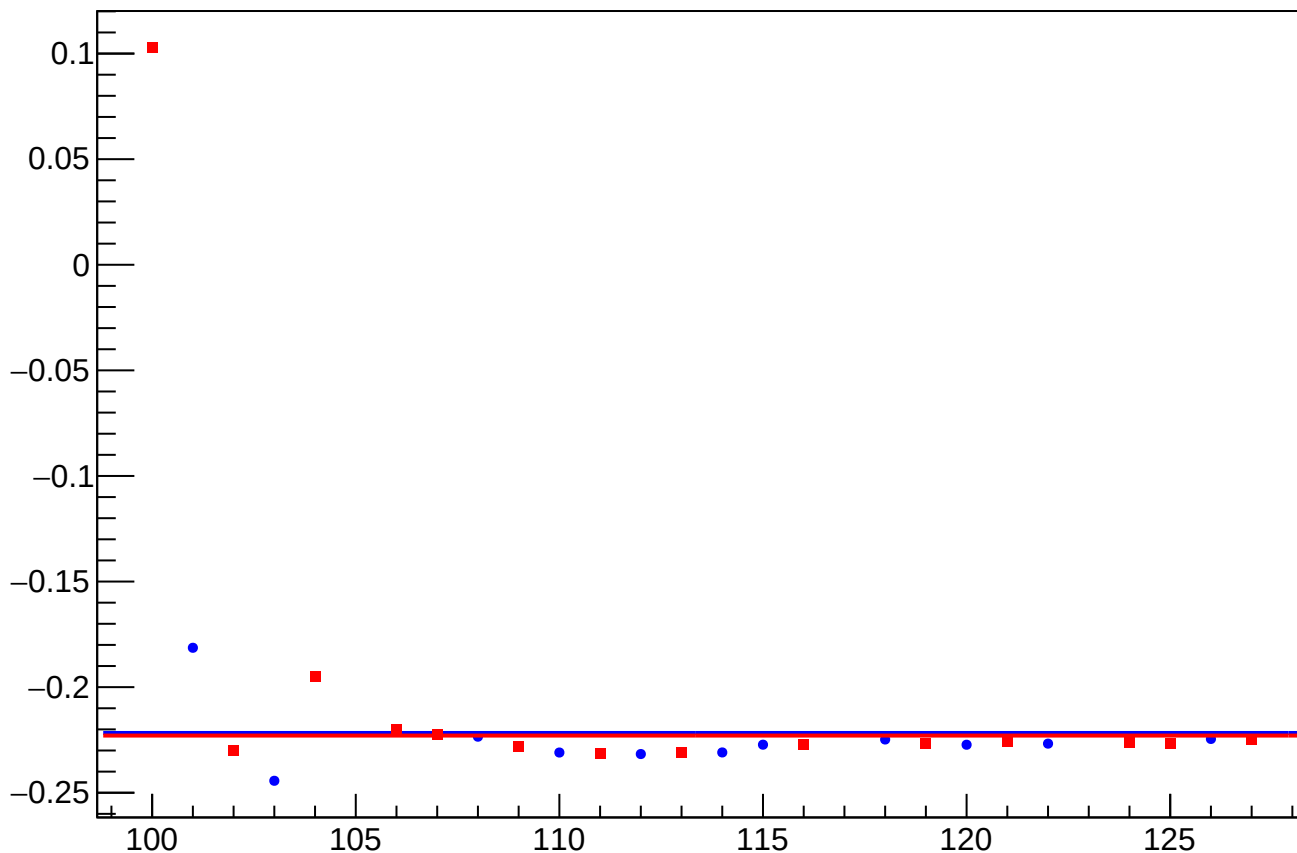
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 2684786.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm16Y_mean vs Slug



Right In: -0.222+/-0.000 χ^2/NDF : 50921024.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.223+/-0.000 χ^2/NDF : 157324819.8/13

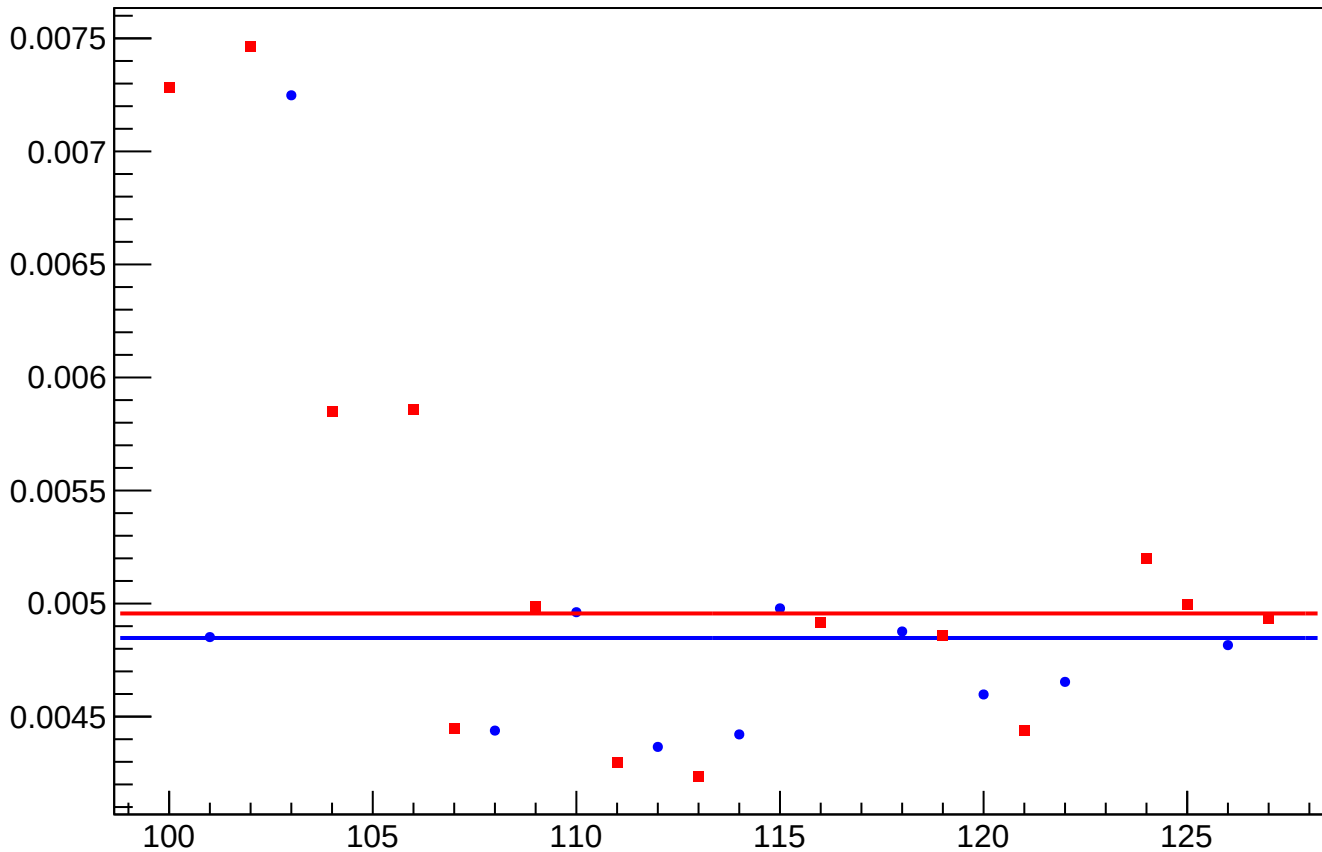
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.222+/-0.000 χ^2/NDF : 208385471.2/24

- 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 : 145676.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 246431.2/13

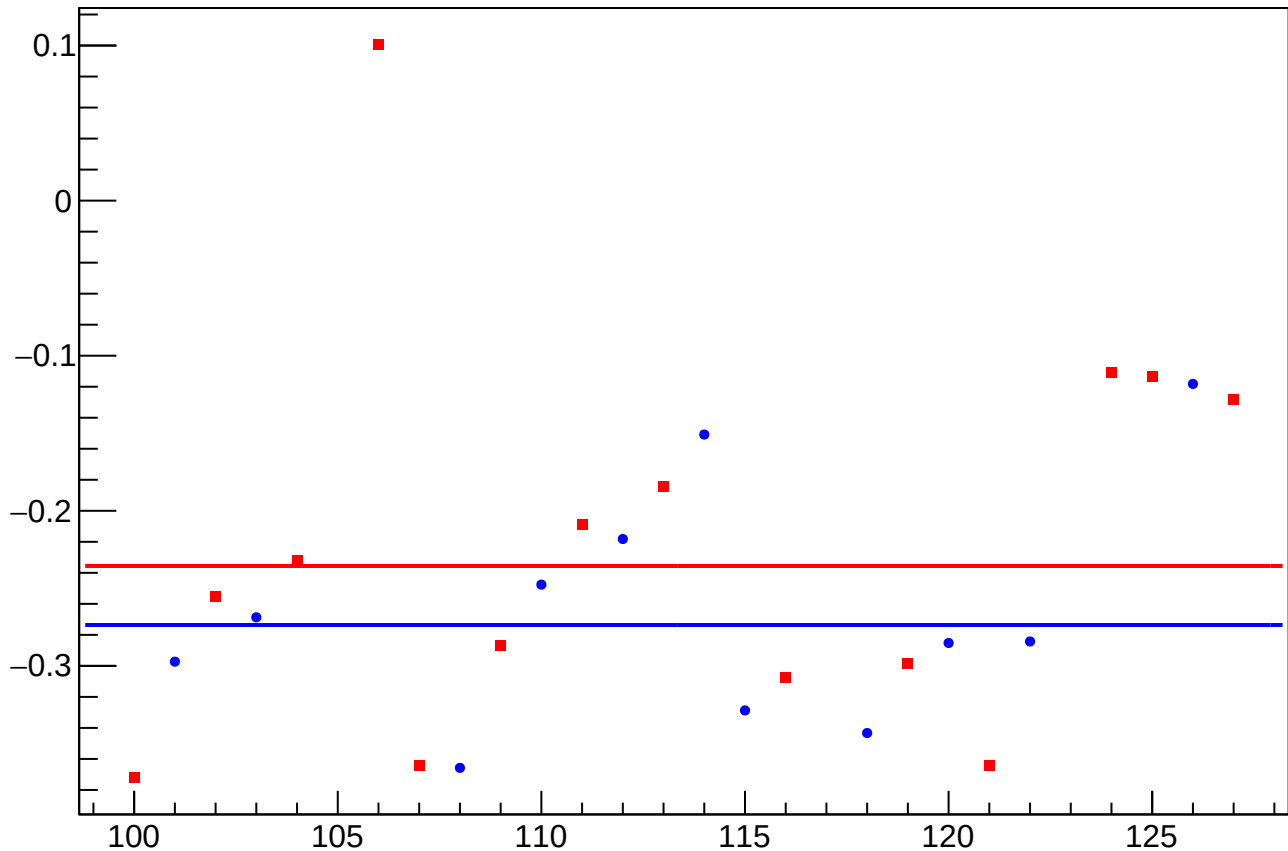
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 394271.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02X_mean vs Slug



Right In: -0.274+/-0.000 χ^2/NDF : 457988035.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.236+/-0.000 χ^2/NDF : 1074937455.6/13

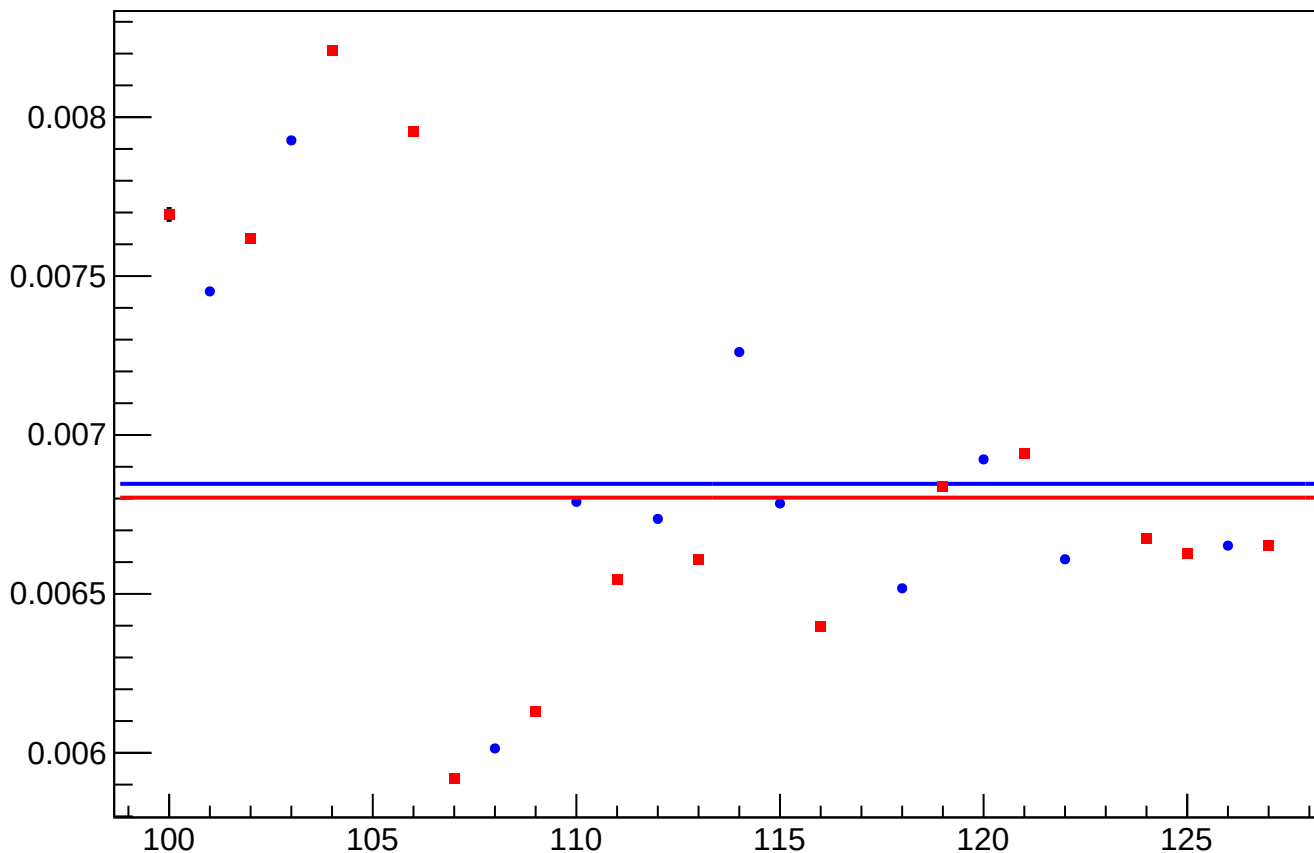
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.253+/-0.000 χ^2/NDF : 1607357093.5/2

- 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 : 51278.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 83614.2/13

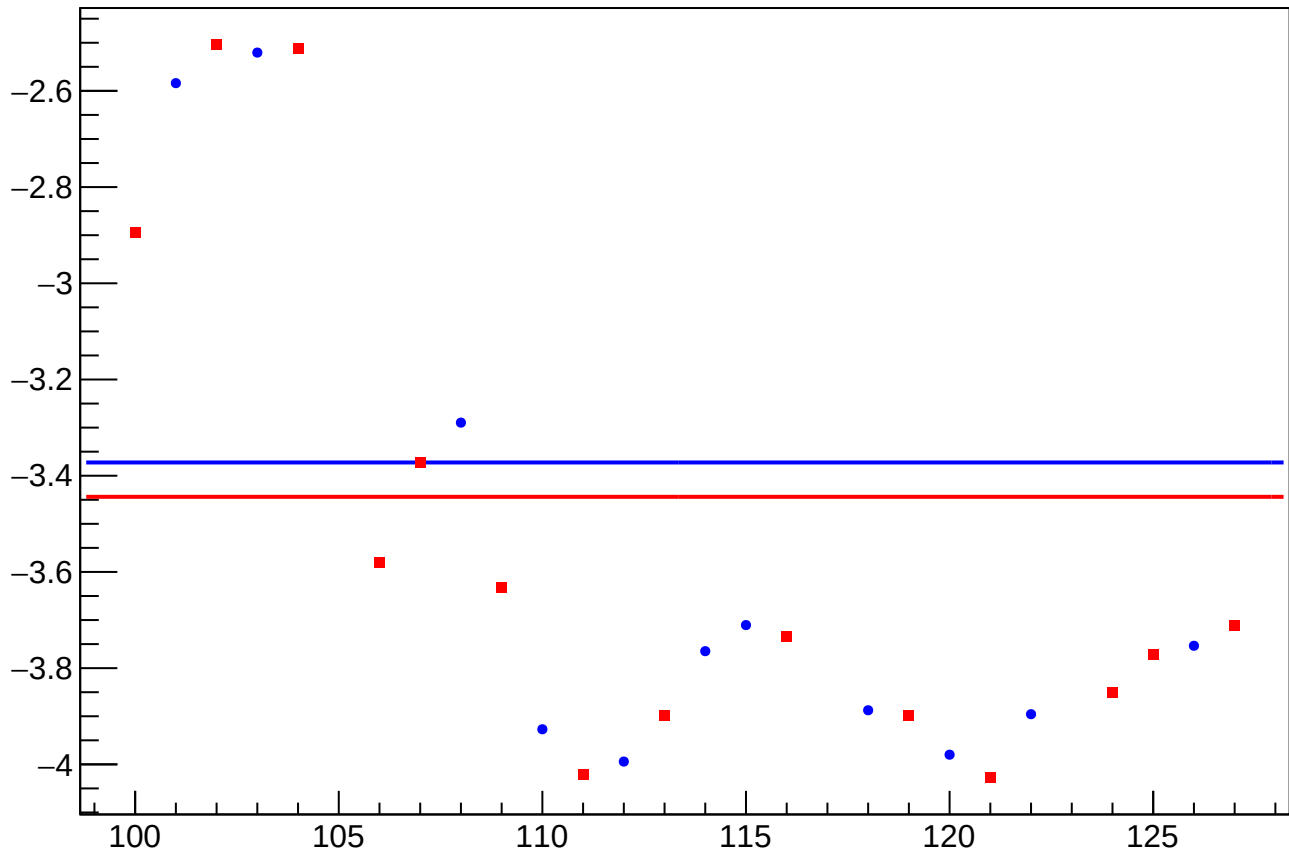
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 135086.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02Y_mean vs Slug



Right In: -3.372+/-0.000 χ^2/NDF : 27425407576.0/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.444+/-0.000 χ^2/NDF : 28048080367.0/13

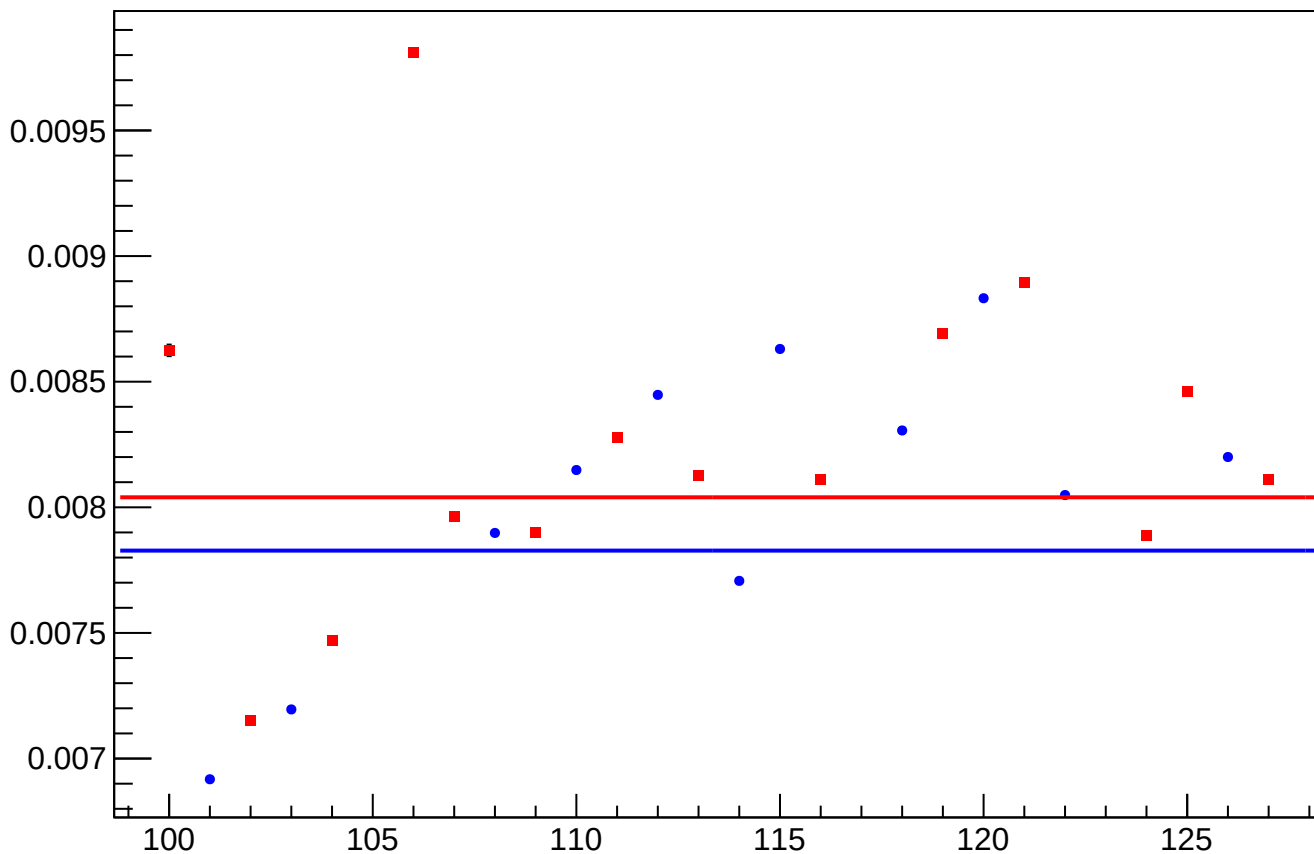
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.410+/-0.000 χ^2/NDF : 55665139236.5/

- 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 : 54422.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 53666.8/13

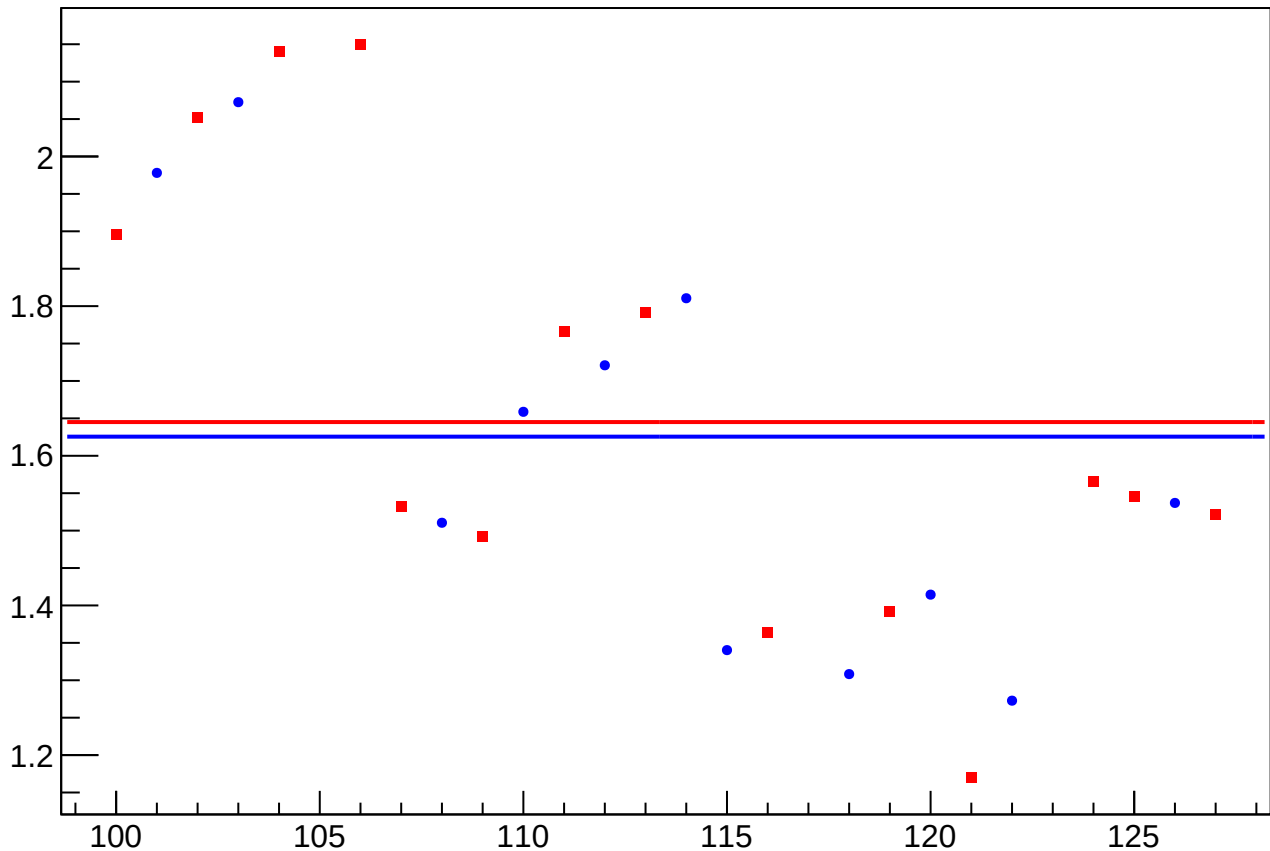
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 111471.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02aX_mean vs Slug



Right In: 1.626+/-0.000 χ^2/NDF : 2088019744.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.645+/-0.000 χ^2/NDF : 2926688634.0/13

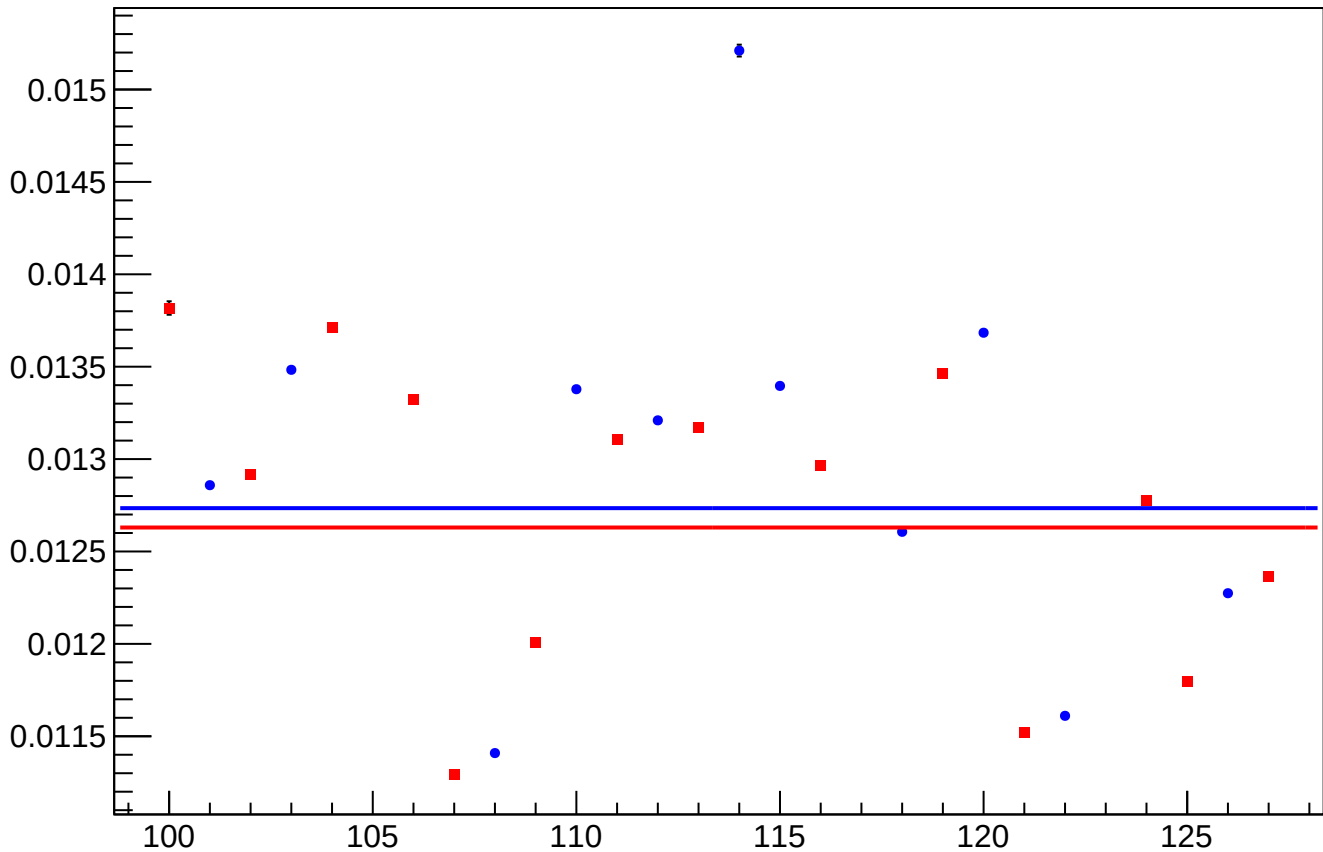
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.636+/-0.000 χ^2/NDF : 5020327523.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02aX_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF : 35757.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 37908.4/13

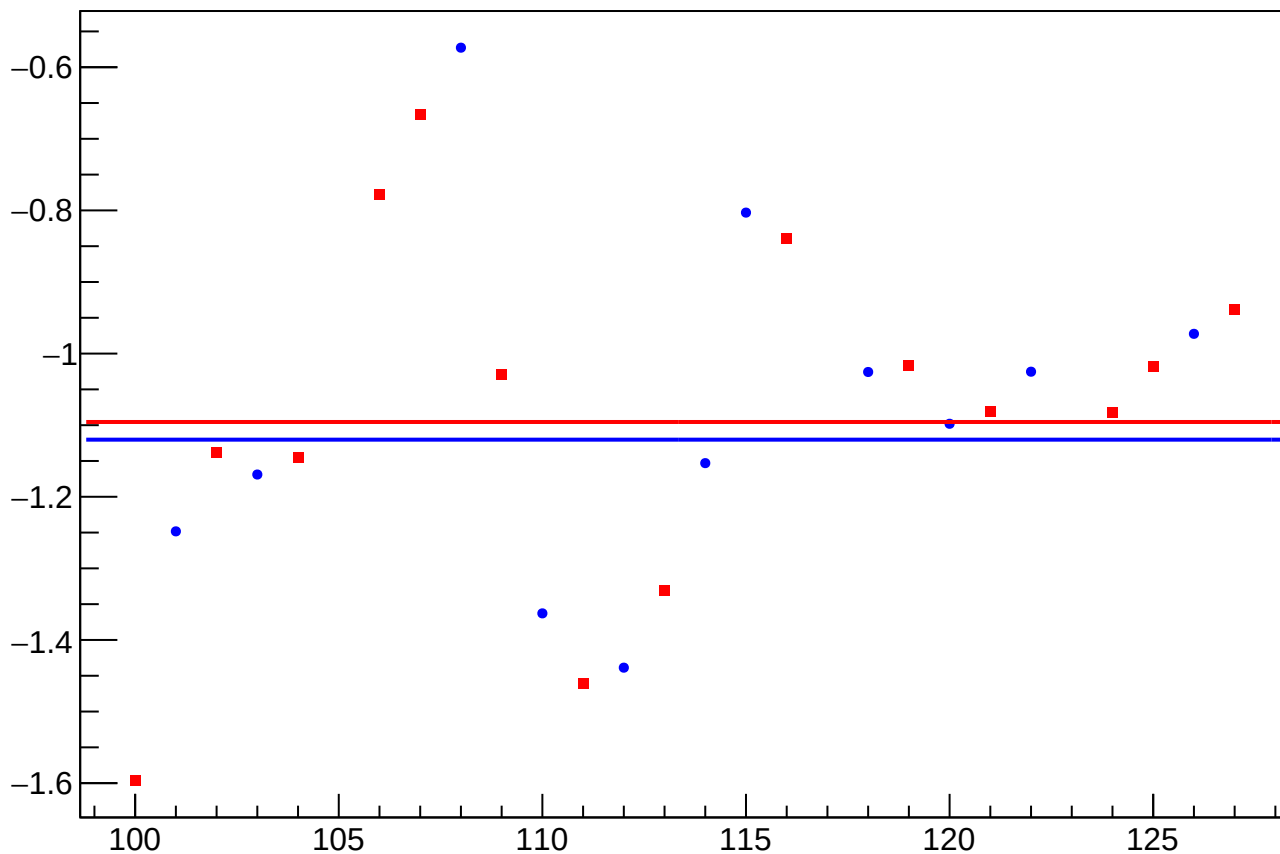
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 73990.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02aY_mean vs Slug



Right In: -1.120+/-0.000 χ^2/NDF : 2558757959.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.096+/-0.000 χ^2/NDF : 2090739520.6/13

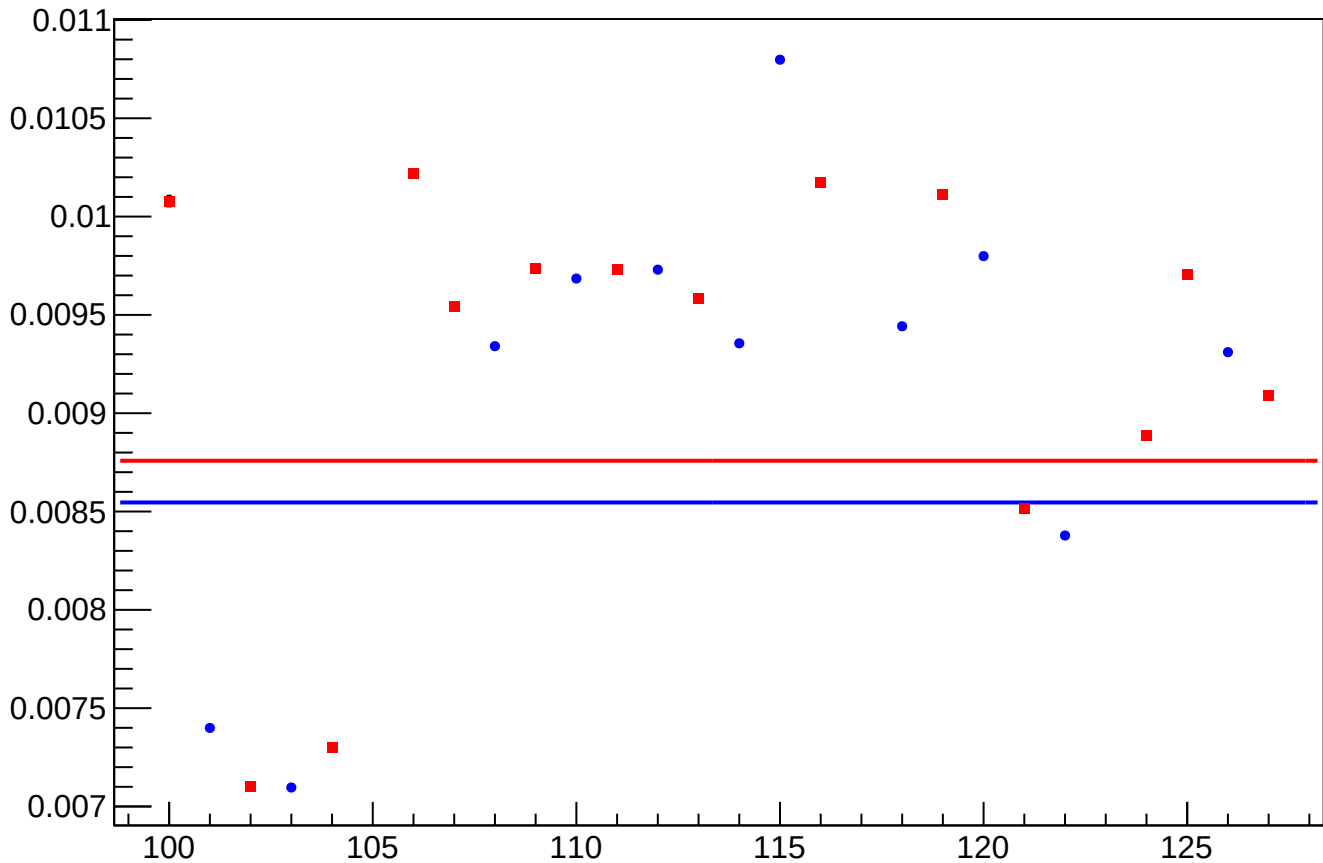
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.107+/-0.000 χ^2/NDF : 4668222799.7/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02aY_rms vs Slug



Right In: 0.009+/-0.000 χ^2/NDF : 146830.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 182087.3/13

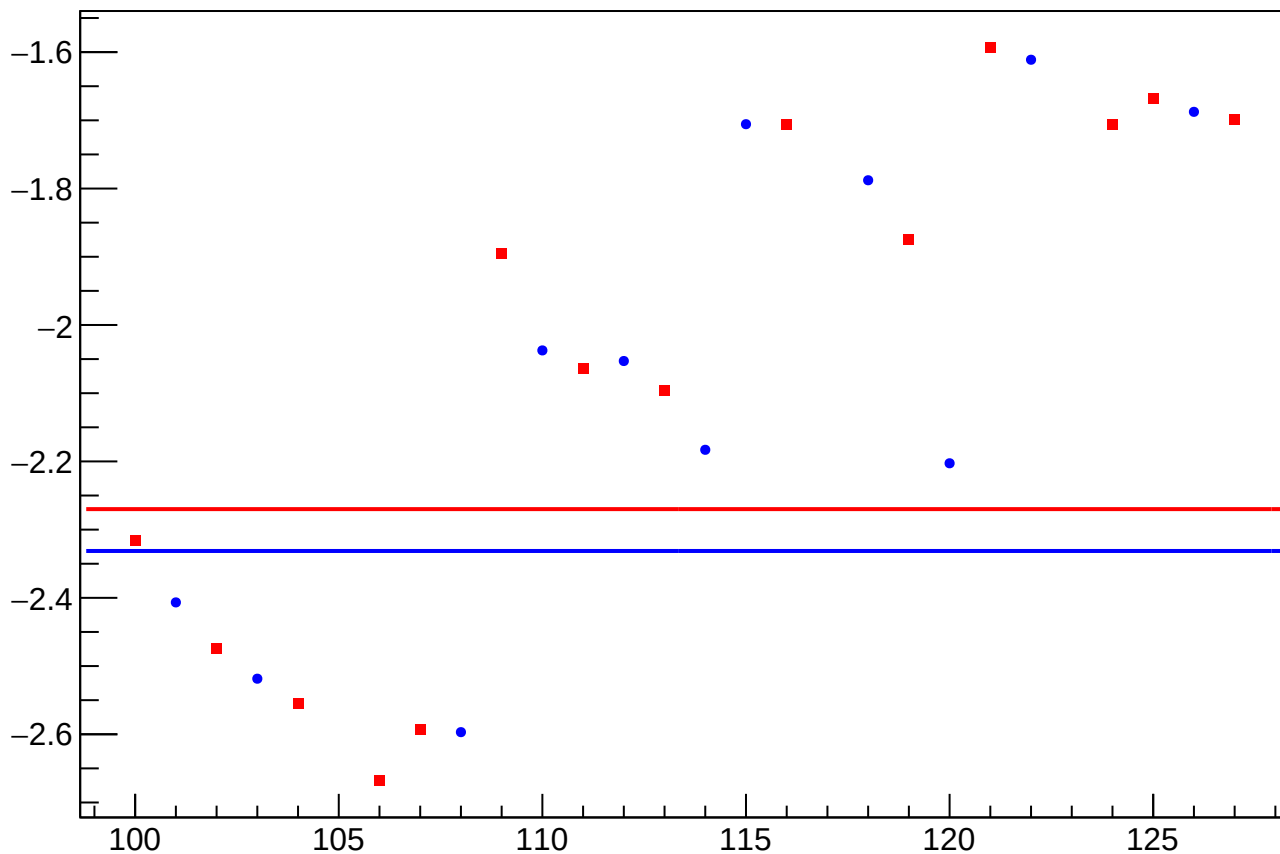
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 331682.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i05X_mean vs Slug



Right In: -2.331 ± 0.000 χ^2/NDF : 6182299428.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.270 ± 0.000 χ^2/NDF : 9886645355.1/13

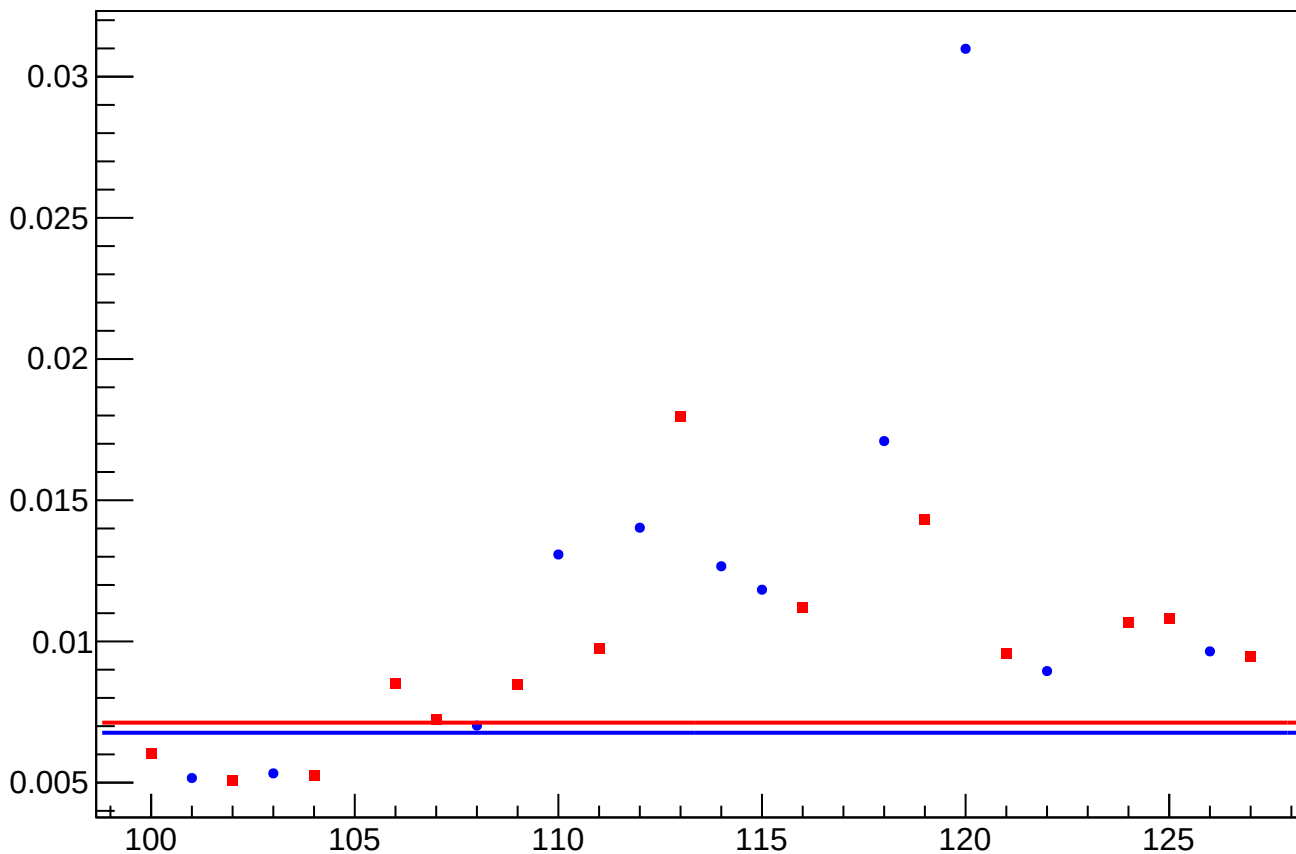
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.298 ± 0.000 χ^2/NDF : 16203750093.4/14

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

yield_bpm0i05X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 1252858.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 1070478.1/13

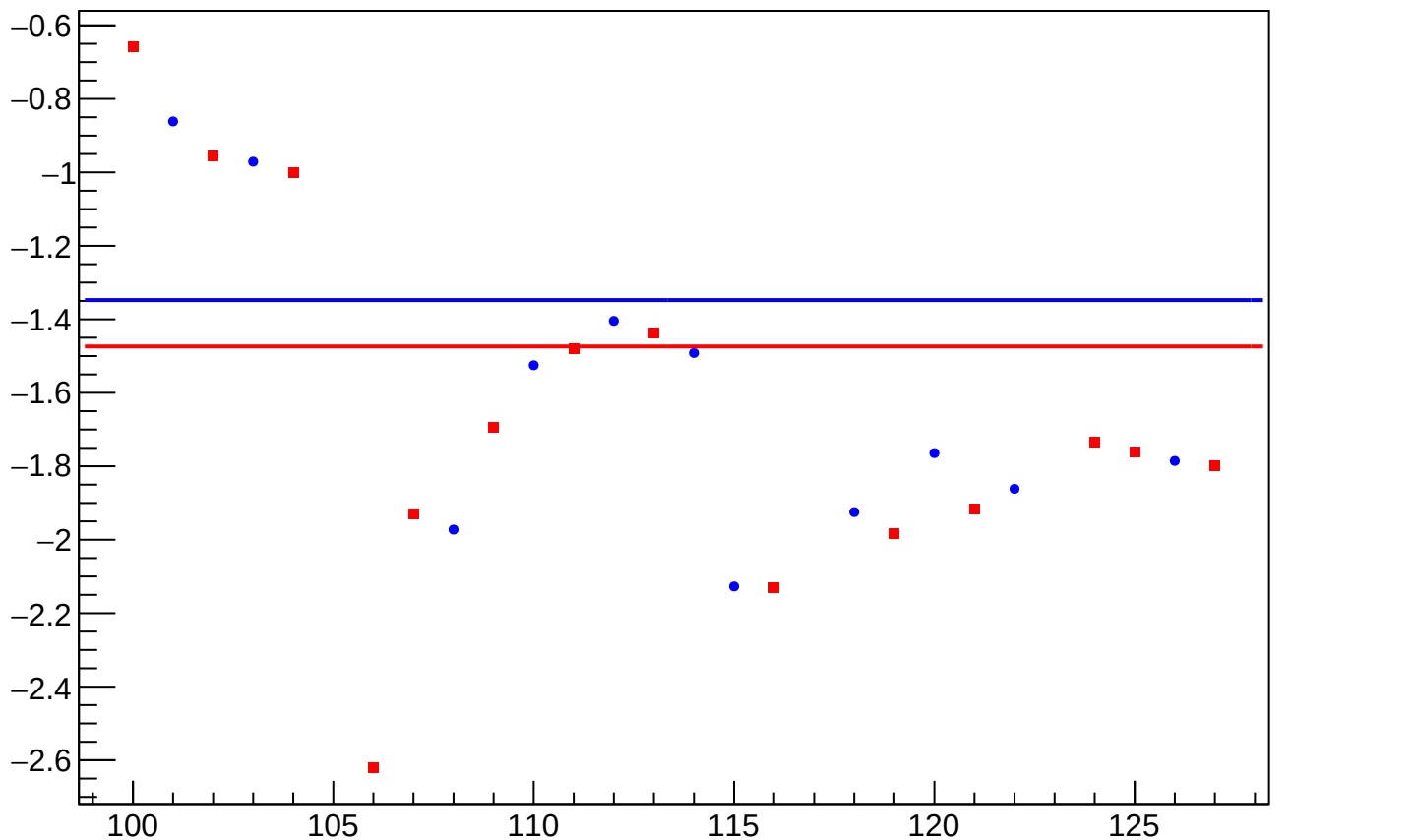
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 2332538.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i05Y_mean vs Slug



Right In: -1.348+/-0.000 χ^2/NDF : 17921547757.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.474+/-0.000 χ^2/NDF : 25772339766.1/13

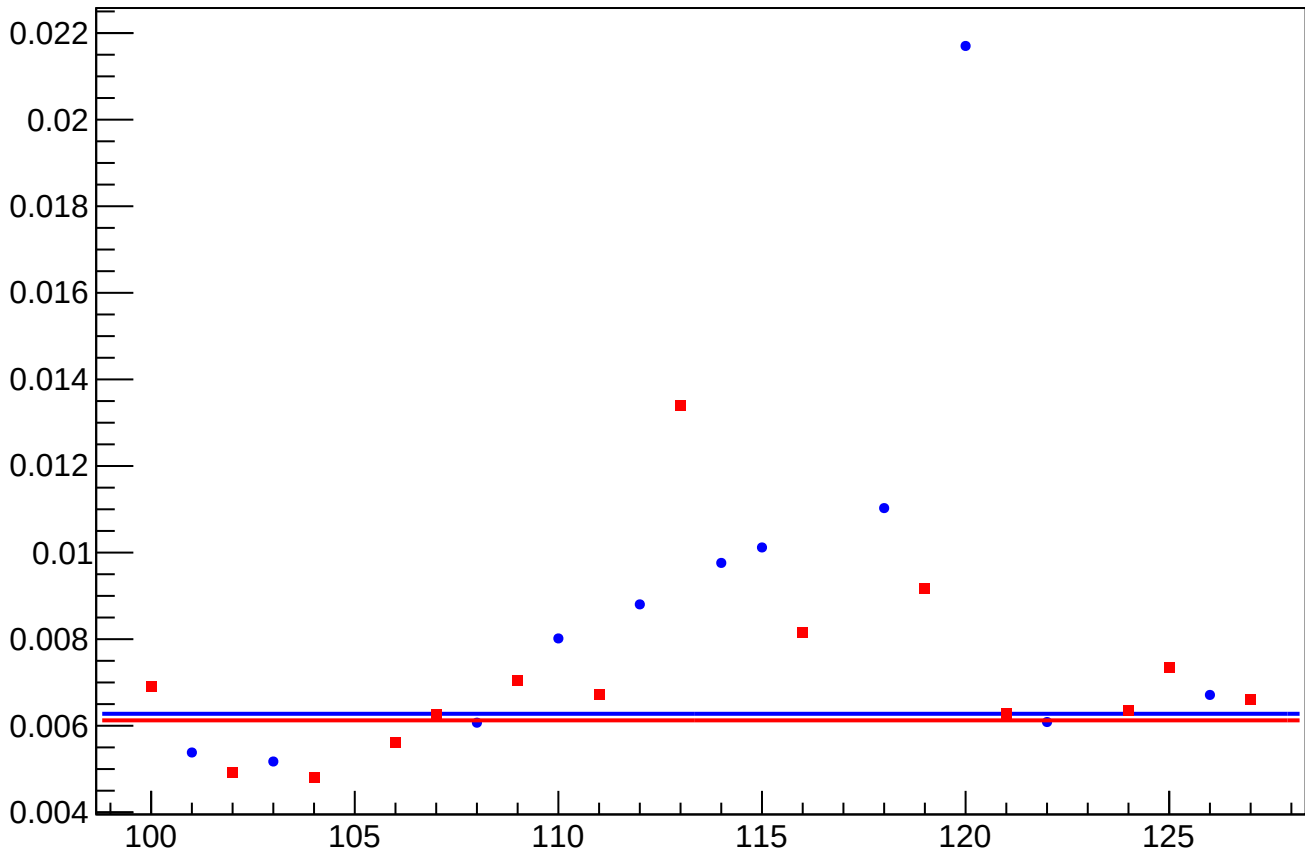
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.420+/-0.000 χ^2/NDF : 44470534770.5/1

- 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 : 591344.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 454401.1/13

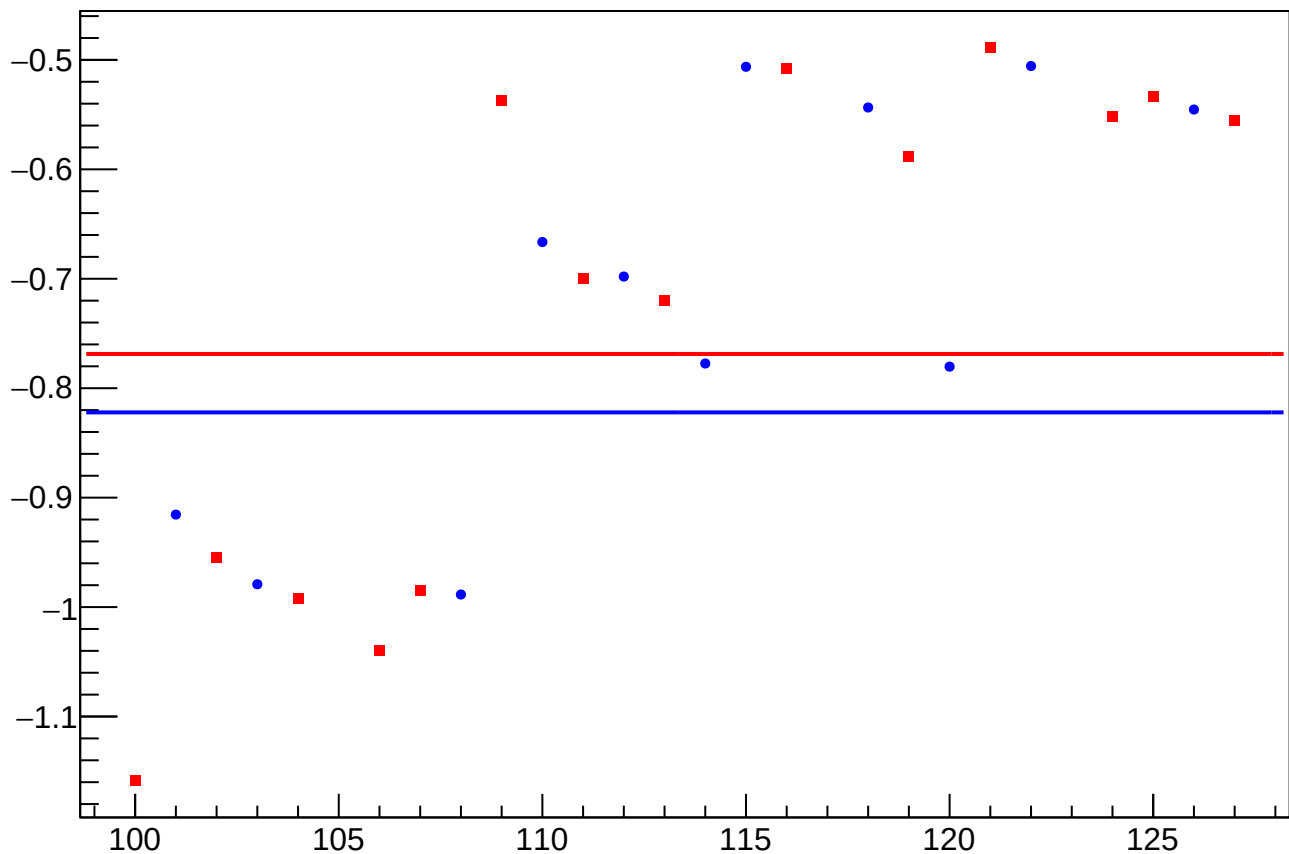
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1047988.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i07X_mean vs Slug



Right In: -0.822+/-0.000 χ^2/NDF : 4515111764.5/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

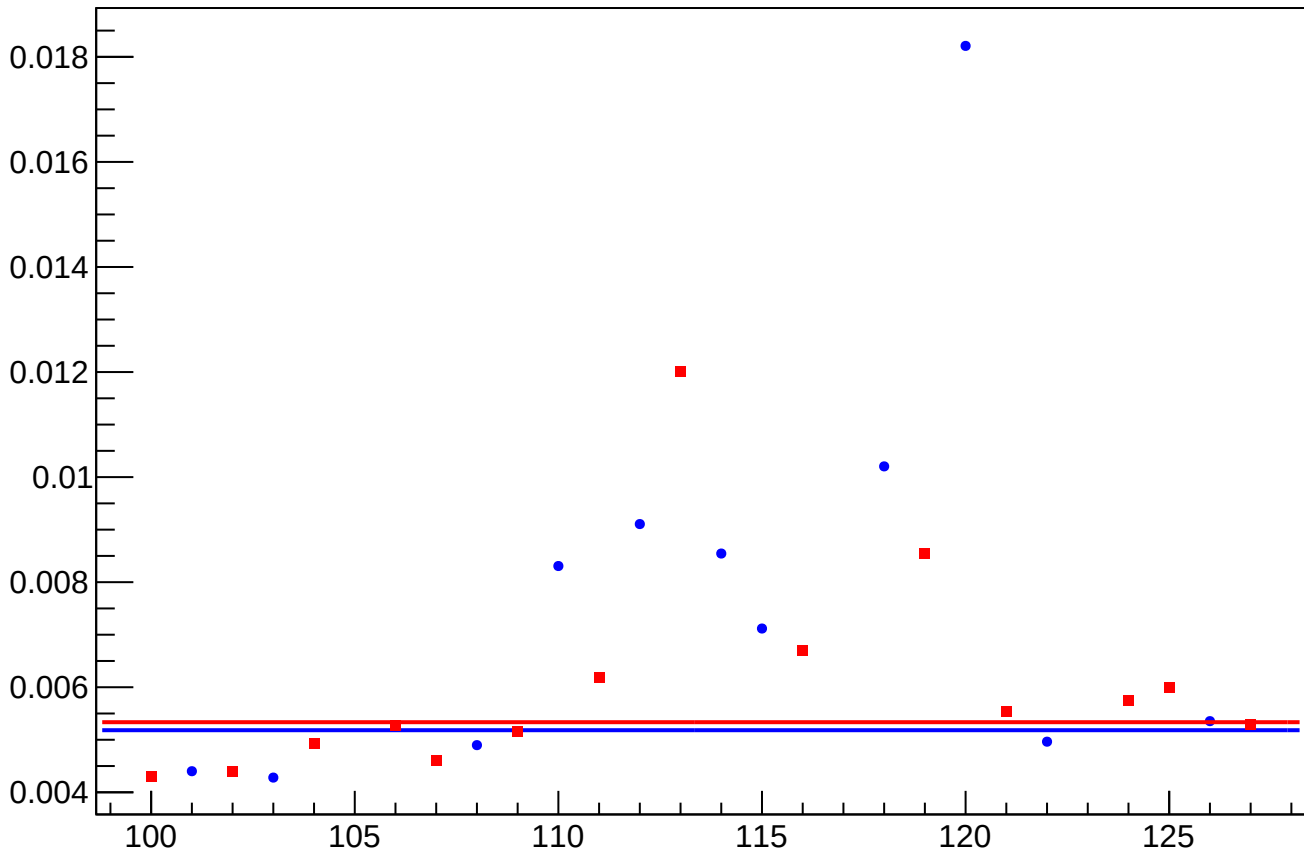
Right Out: -0.769+/-0.000 χ^2/NDF : 7408594871.7/13

All: -0.793+/-0.000 χ^2/NDF : 12116714775.7

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i07X_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 783162.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 415856.8/13

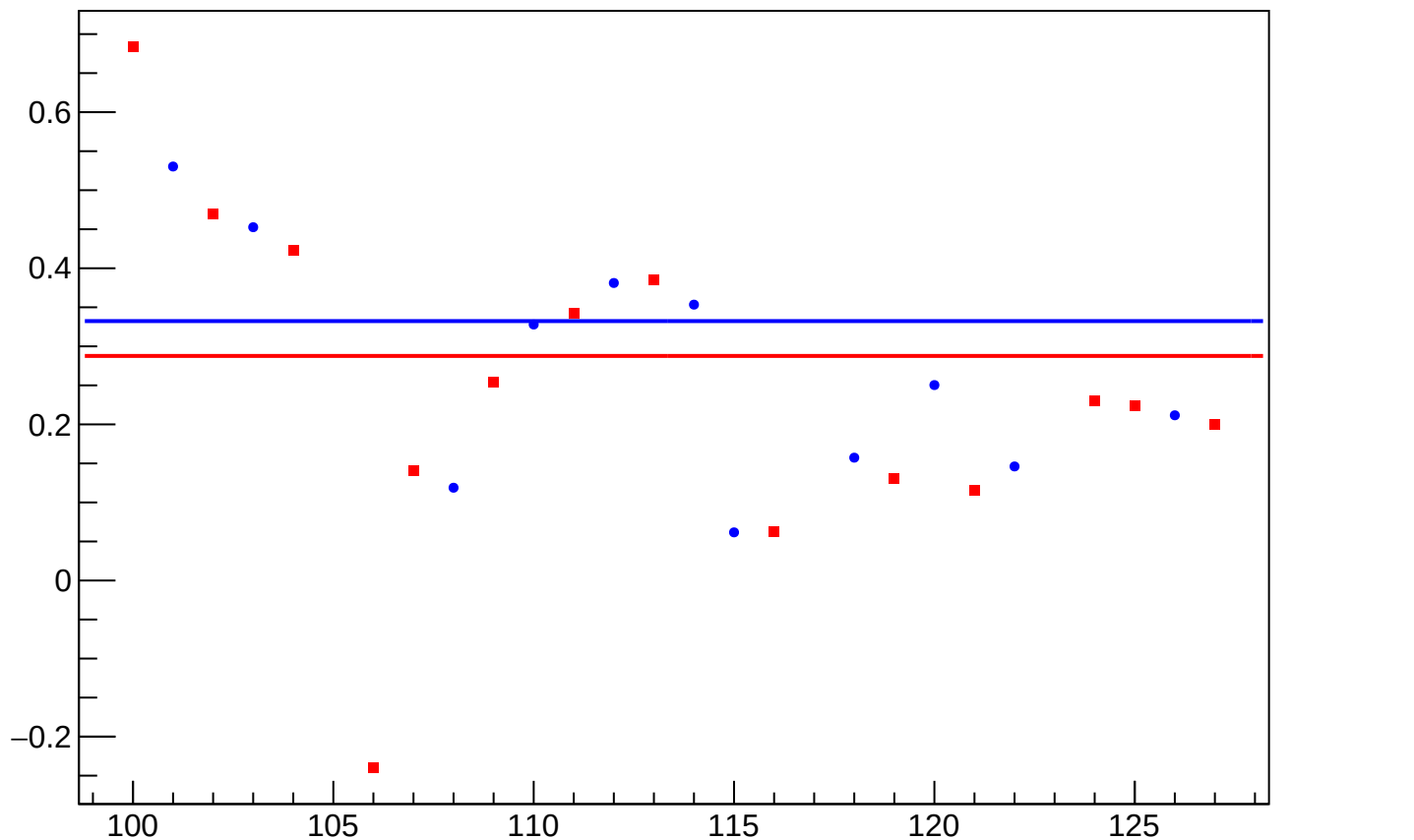
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1202170.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i07Y_mean vs Slug



Right In: 0.332 $\pm$ 0.000 χ^2 /NDF: 5394438283.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.288 $\pm$ 0.000 χ^2 /NDF: 7505542661.1/13

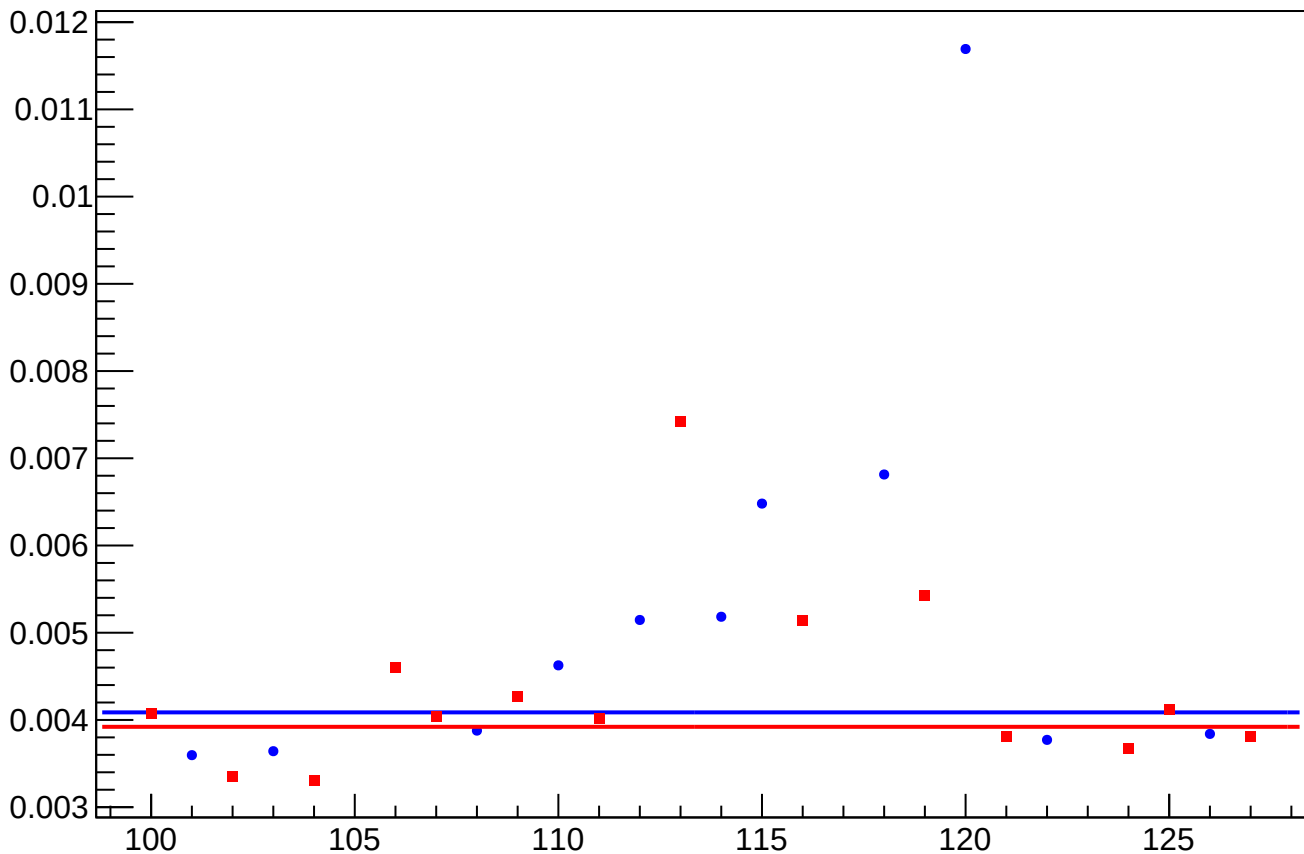
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.306 $\pm$ 0.000 χ^2 /NDF: 13144019536.6/2

- 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 : 464665.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 293053.3/13

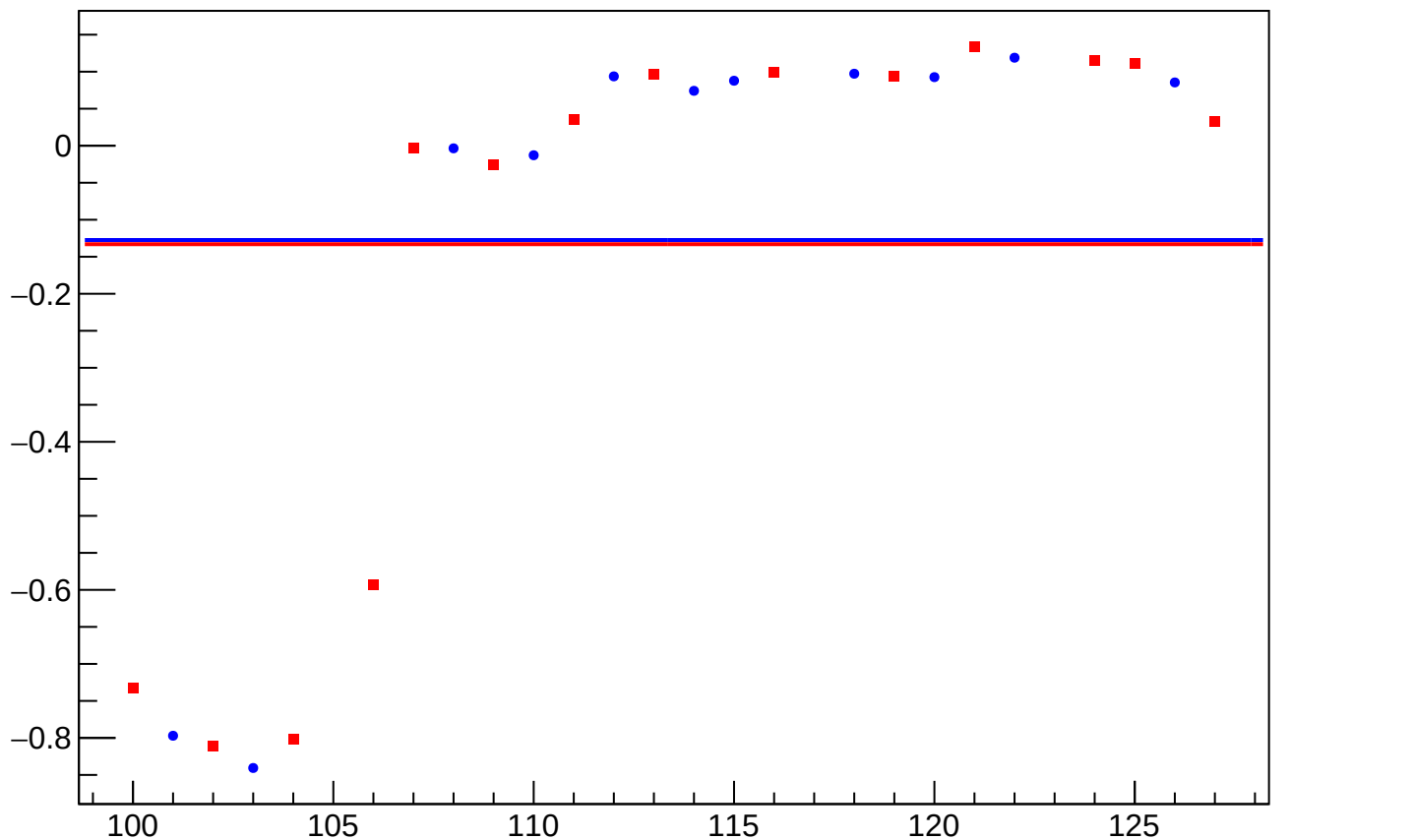
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 764433.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i02X_mean vs Slug



Right In: -0.127+/-0.000 χ^2/NDF : 5329740379.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.133+/-0.000 χ^2/NDF : 6078263362.6/13

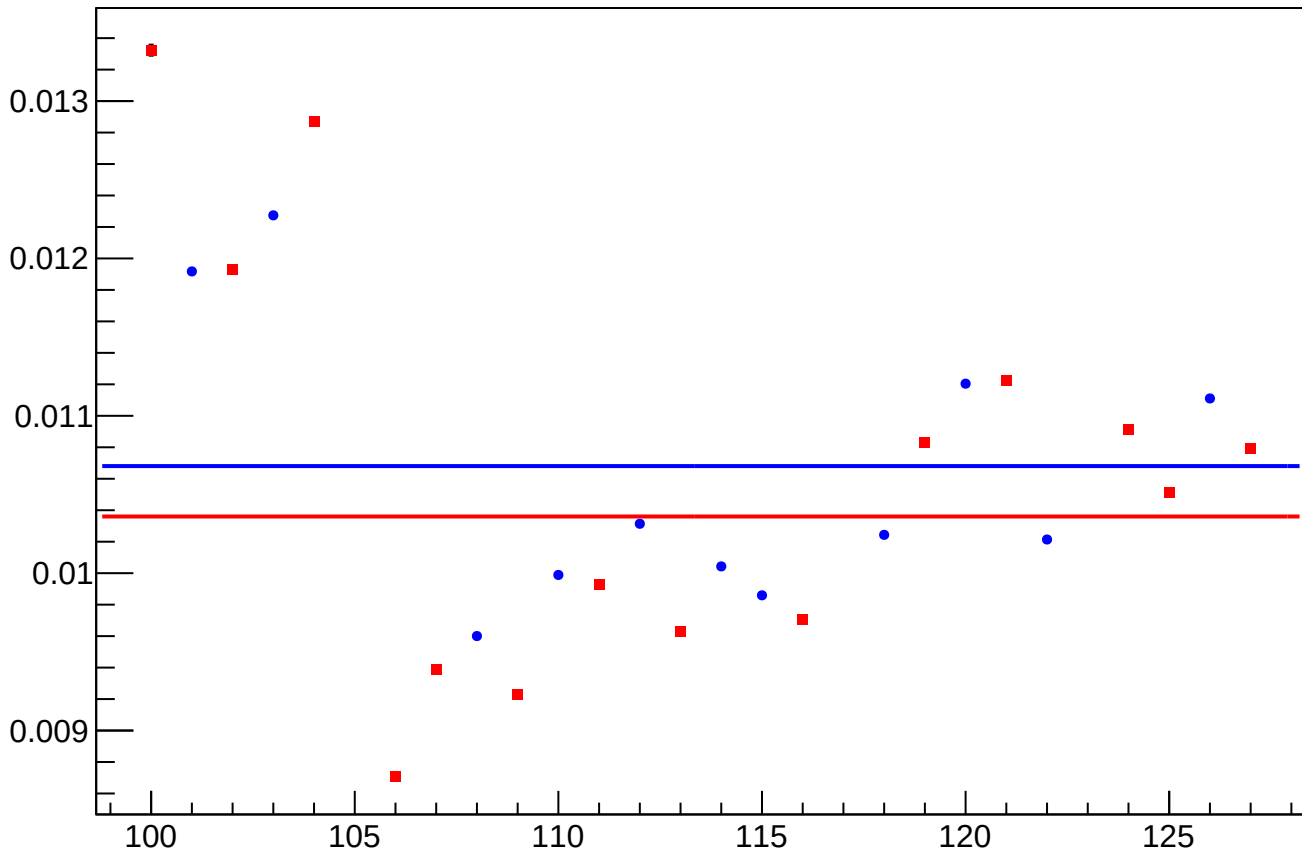
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.131+/-0.000 χ^2/NDF : 11408692277.8/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i02X_rms vs Slug



Right In: 0.011 $\pm$ 0.000 χ^2 /NDF: 58444.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.010 $\pm$ 0.000 χ^2 /NDF: 132709.0/13

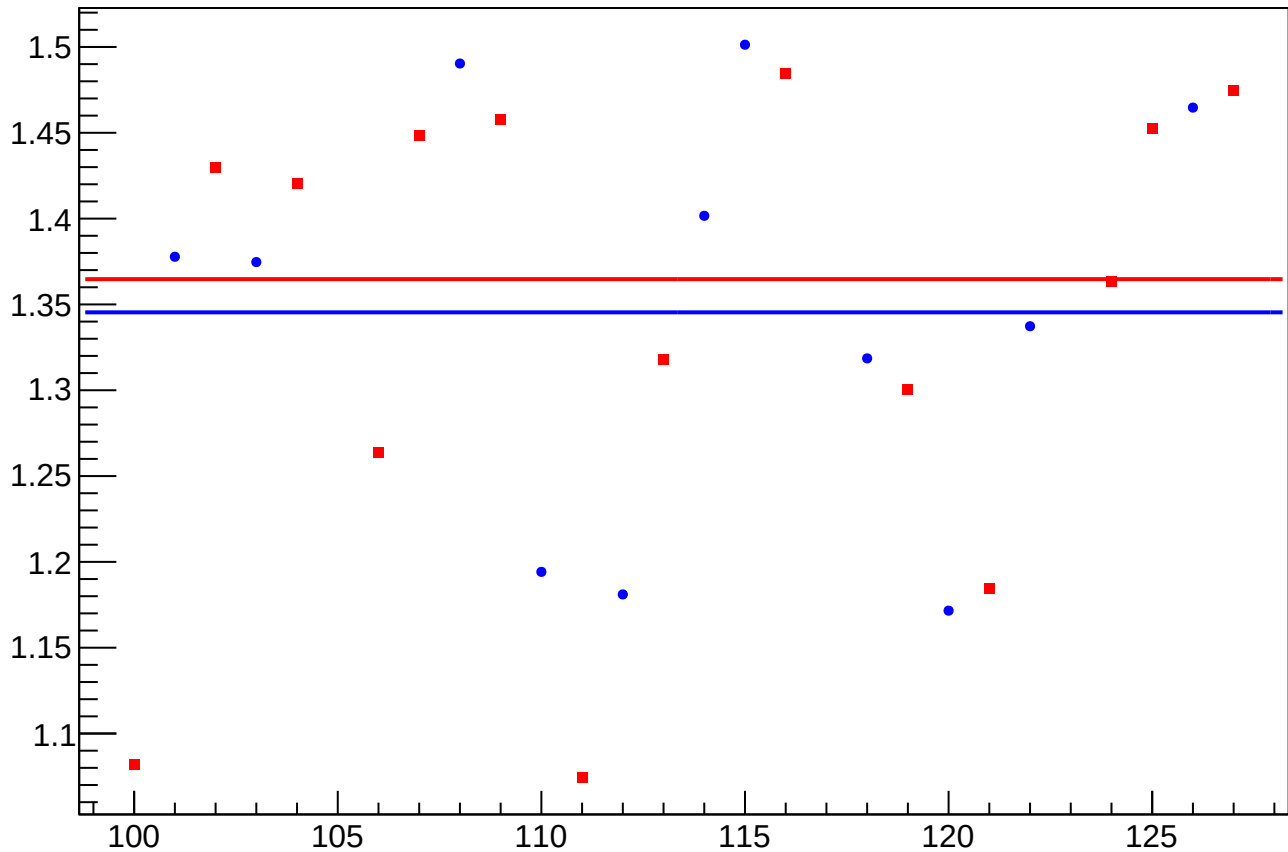
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.000 χ^2 /NDF: 195664.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1i02Y_mean vs Slug



Right In: 1.345+/-0.000 χ^2/NDF : 864432430.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.365+/-0.000 χ^2/NDF : 1468486676.8/13

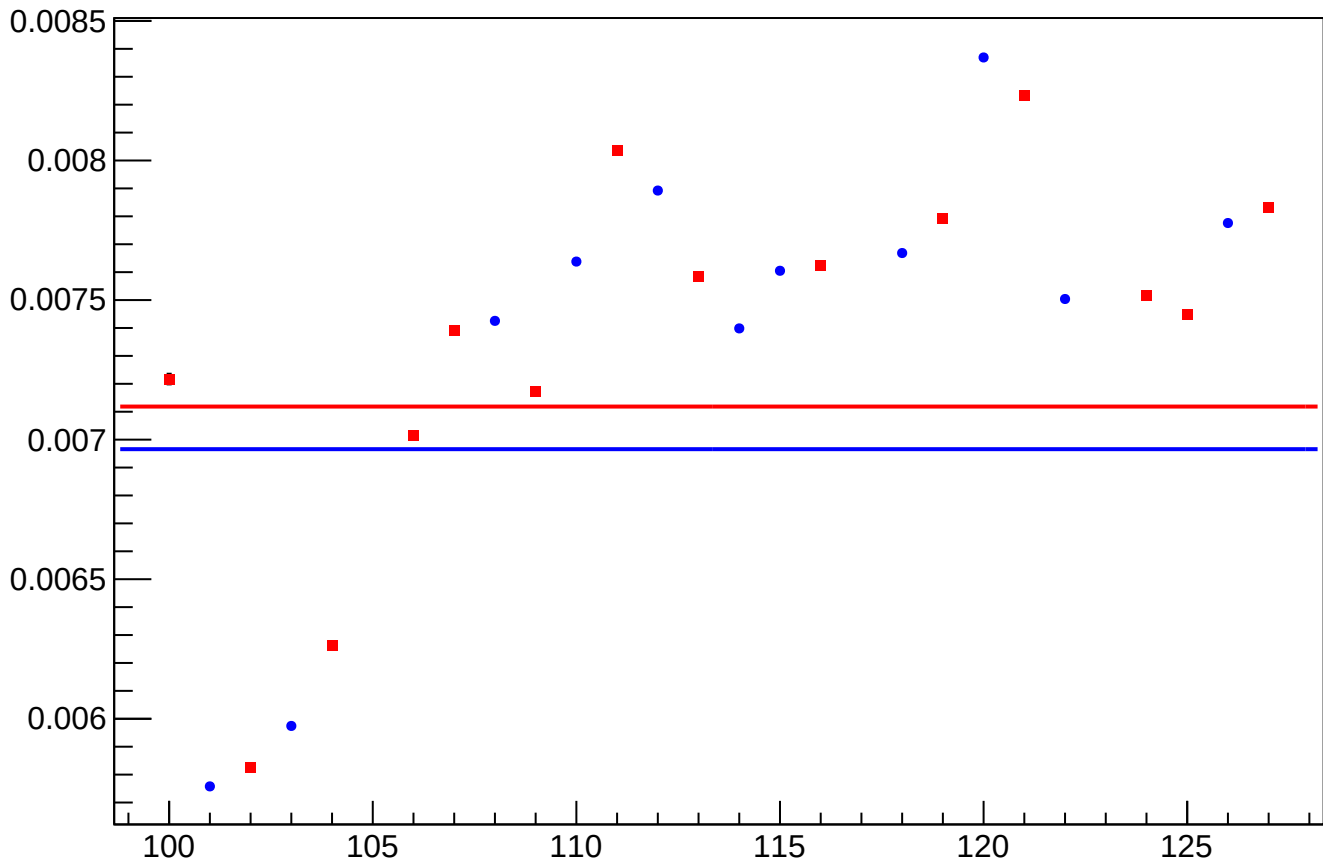
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.356+/-0.000 χ^2/NDF : 2351226230.5/24

- 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 : 156612.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 135488.4/13

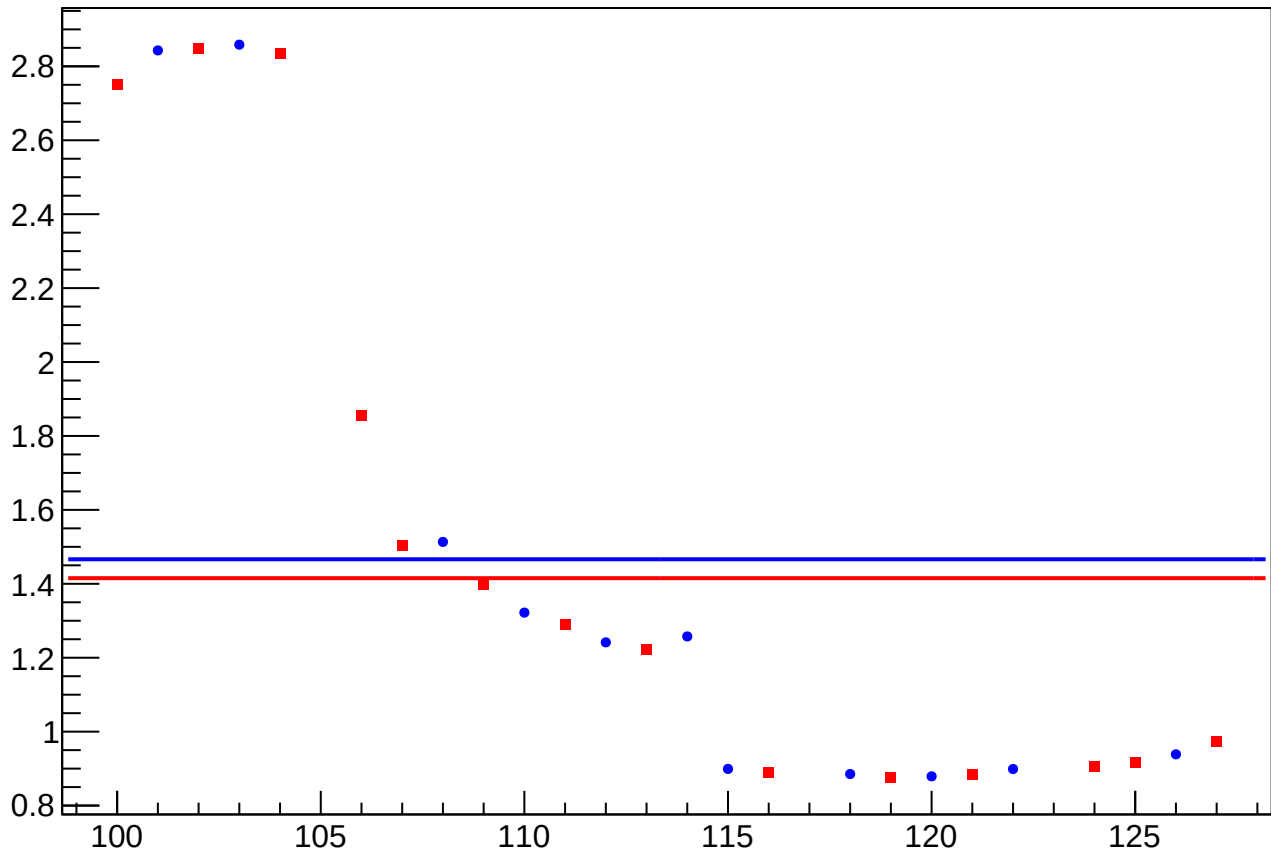
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 294383.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i04X_mean vs Slug



Right In: 1.466+/-0.000 χ^2/NDF : 50727339736.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.415+/-0.000 χ^2/NDF : 50582277120.2/13

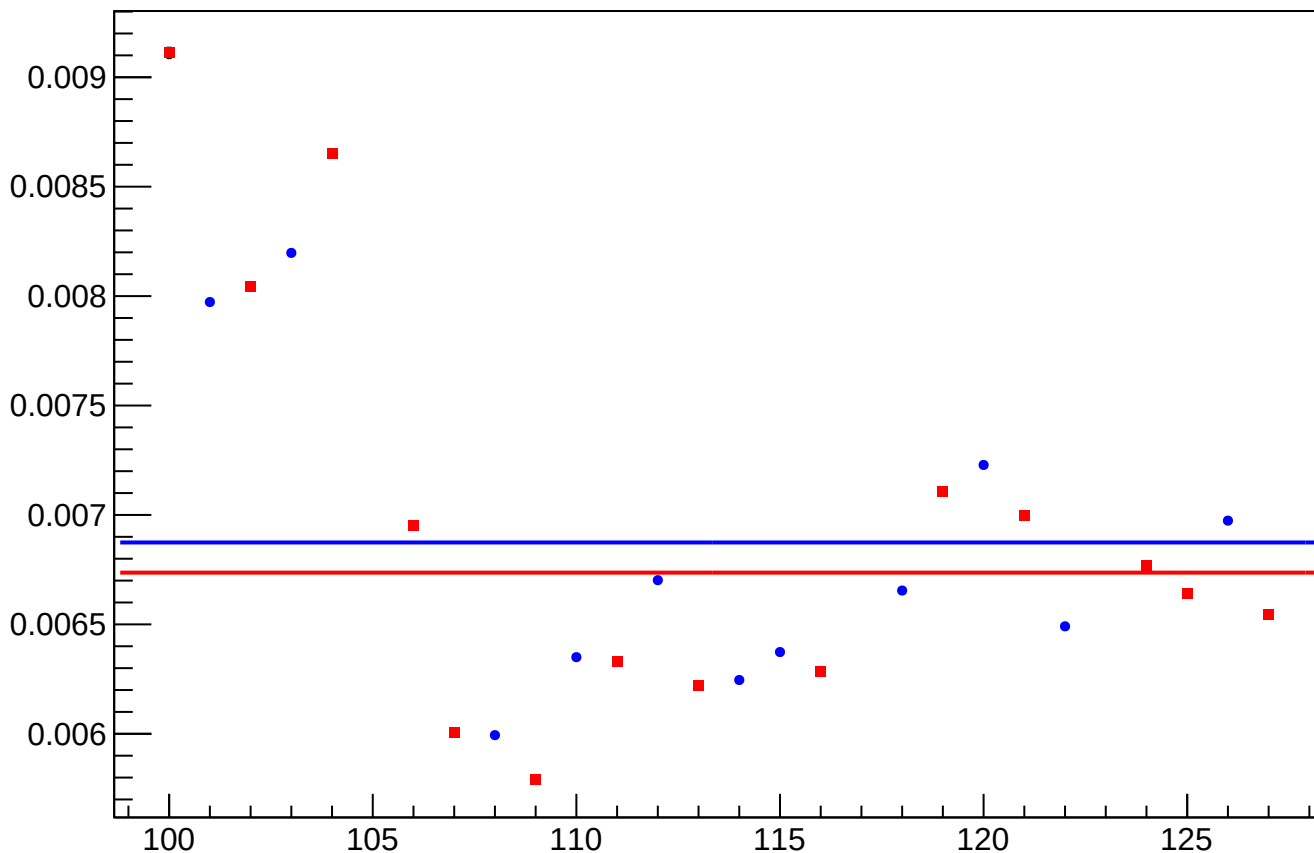
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.438+/-0.000 χ^2/NDF : 101446678045.4

- 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 : 88863.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 149256.9/13

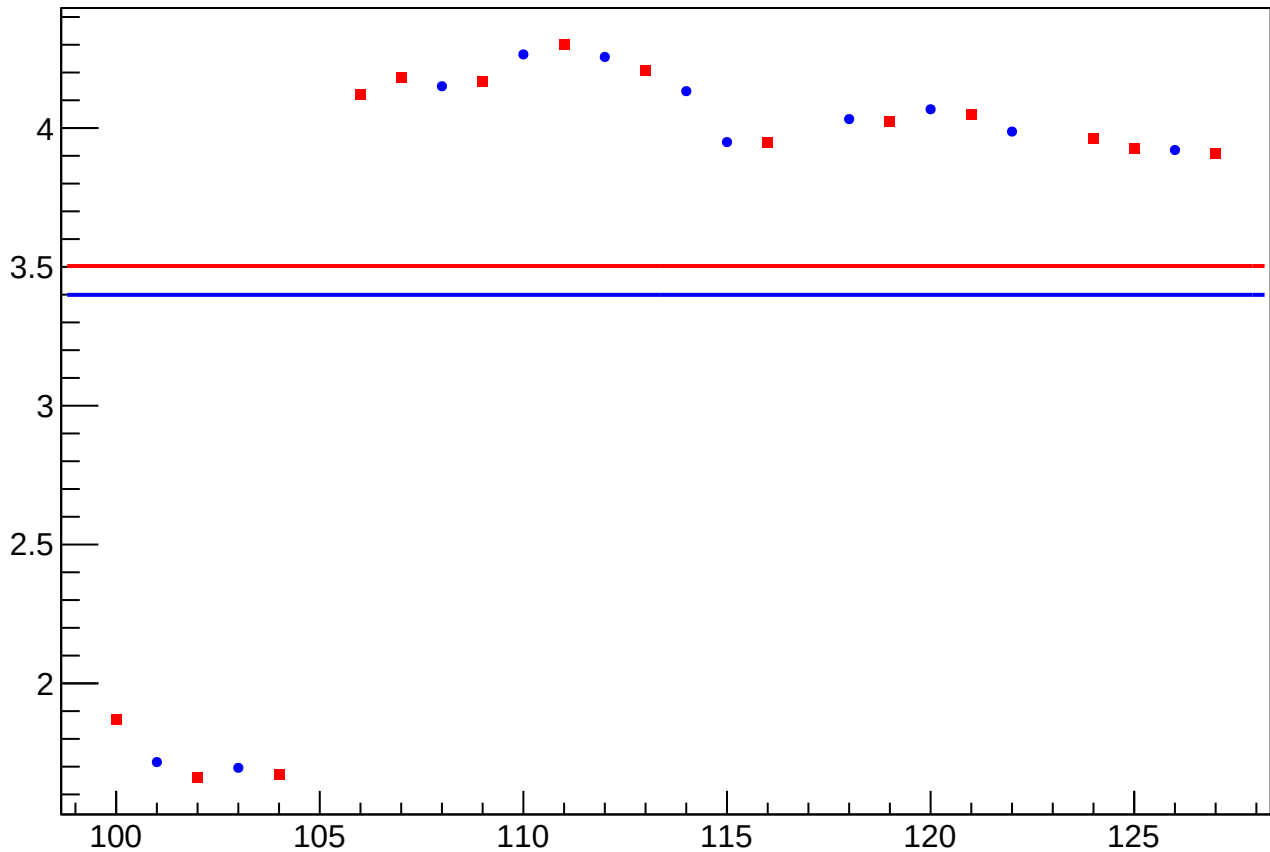
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 240109.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i04Y_mean vs Slug



Right In: 3.399+/-0.000 χ^2/NDF : 184314860738.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.503+/-0.000 χ^2/NDF : 199428270057.5/13

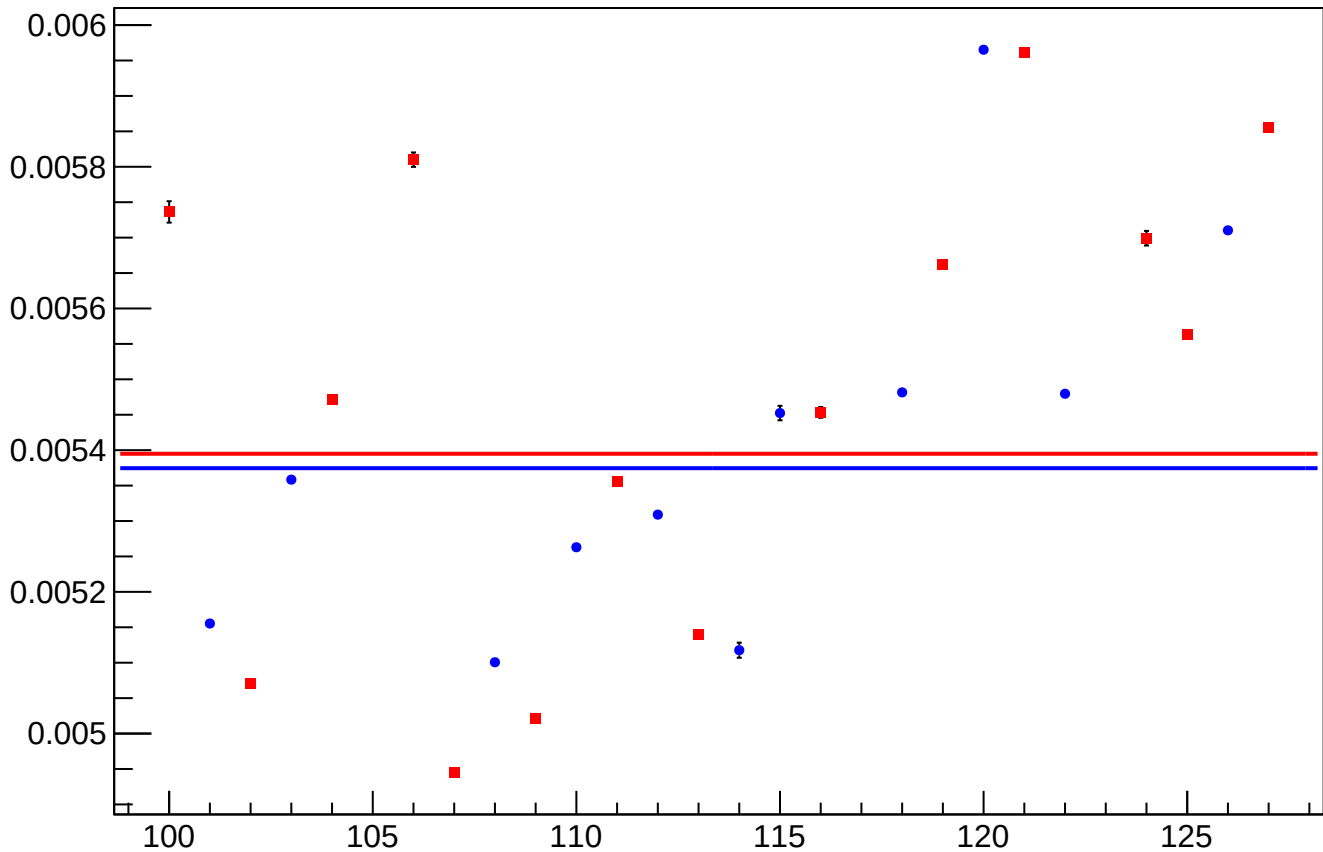
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.456+/-0.000 χ^2/NDF : 384644539581.9

- 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 : 16094.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 37815.3/13

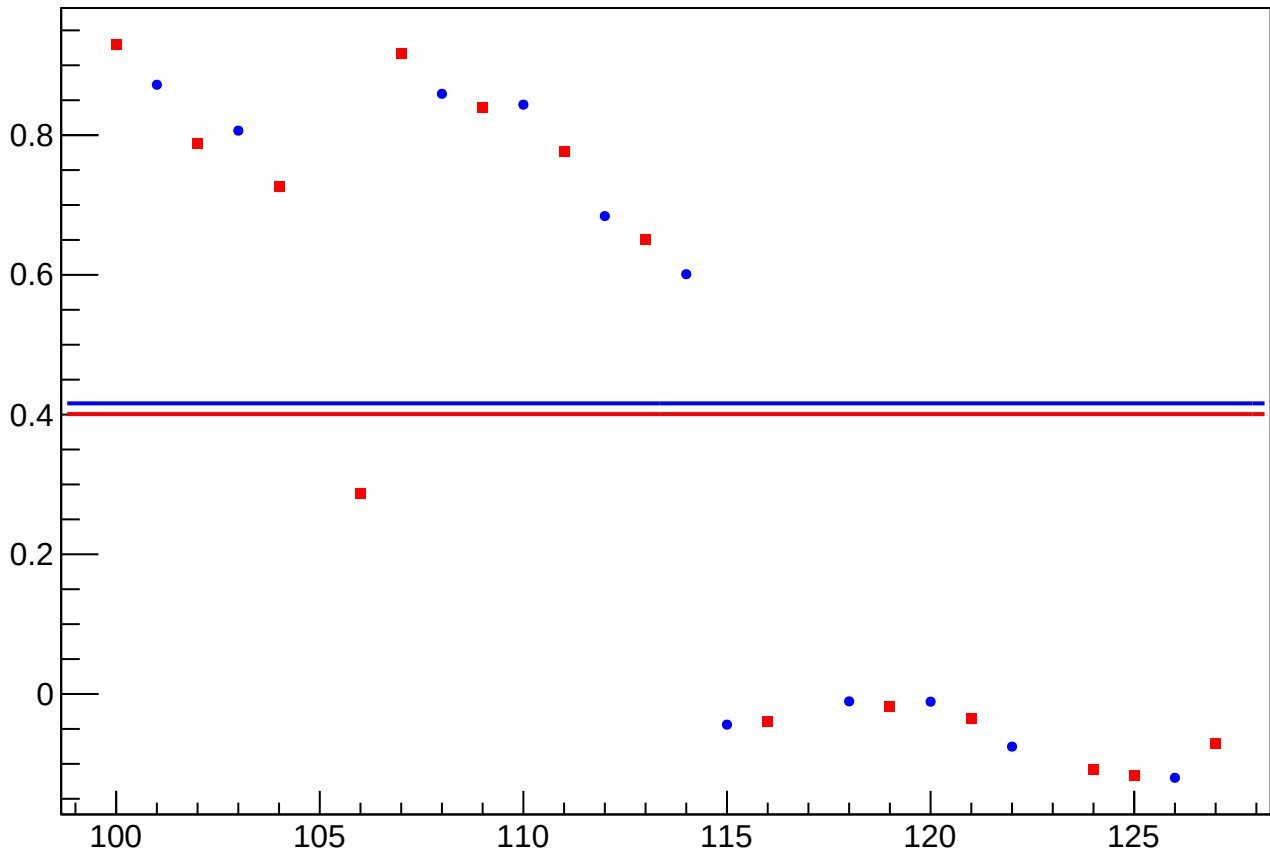
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 53979.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i06X_mean vs Slug



Right In: 0.416+/-0.000 χ^2/NDF : 4140695847.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.401+/-0.000 χ^2/NDF : 4588818384.4/13

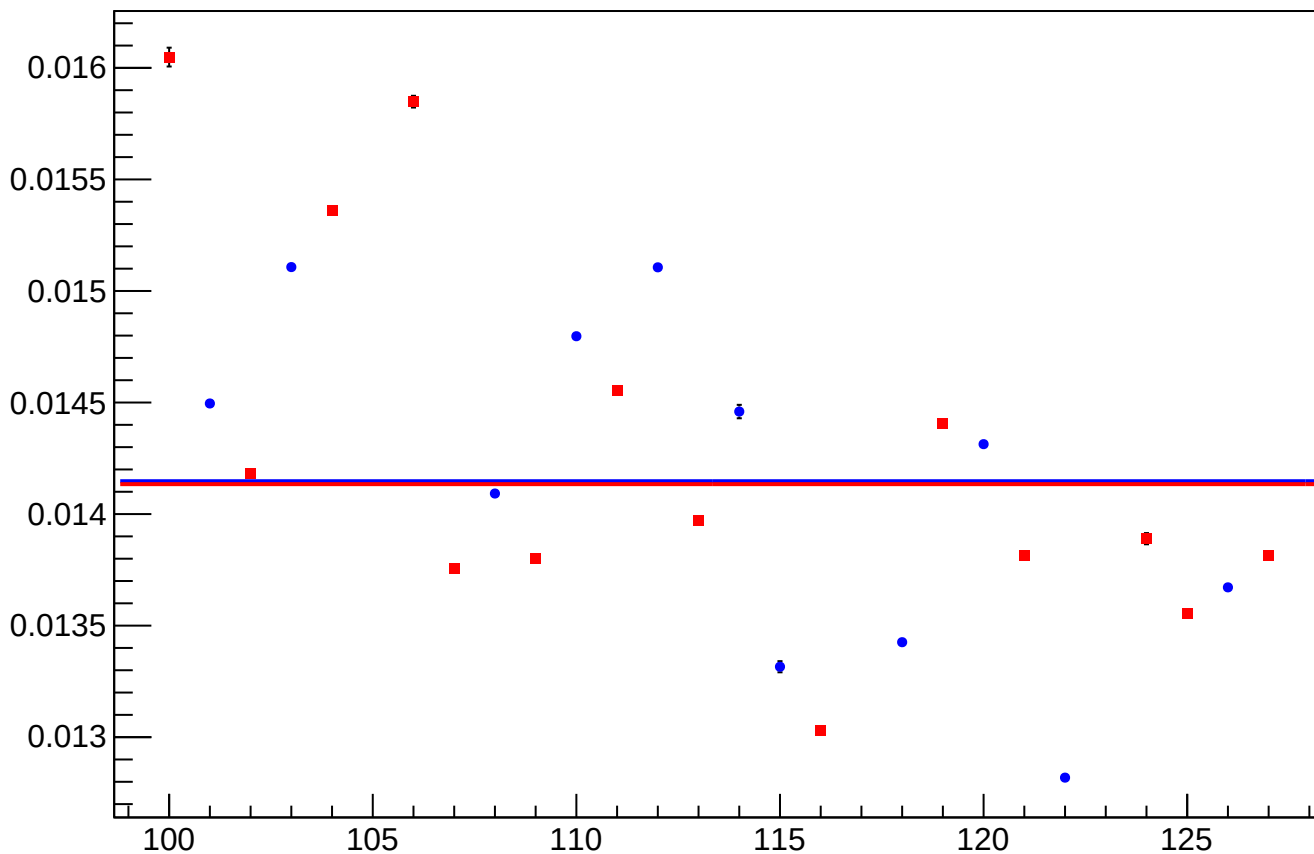
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.408+/-0.000 χ^2/NDF : 8732365939.9/24

- 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: 25072.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.014 $\pm$ 0.000 χ^2 /NDF: 21162.9/13

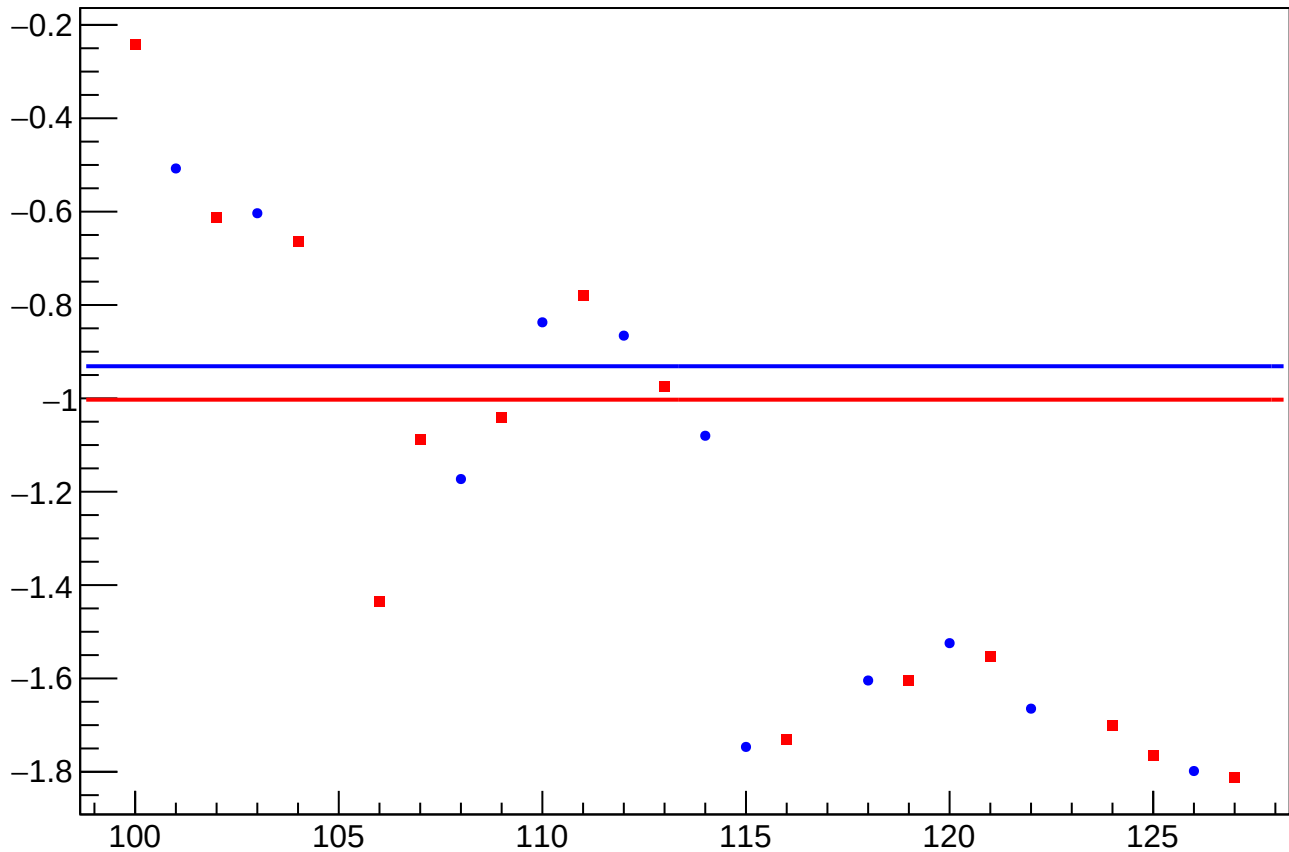
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.000 χ^2 /NDF: 46239.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1i06Y_mean vs Slug



Right In: -0.931+/-0.000 χ^2/NDF : 33315262046.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.003+/-0.000 χ^2/NDF : 34821677983.6/13

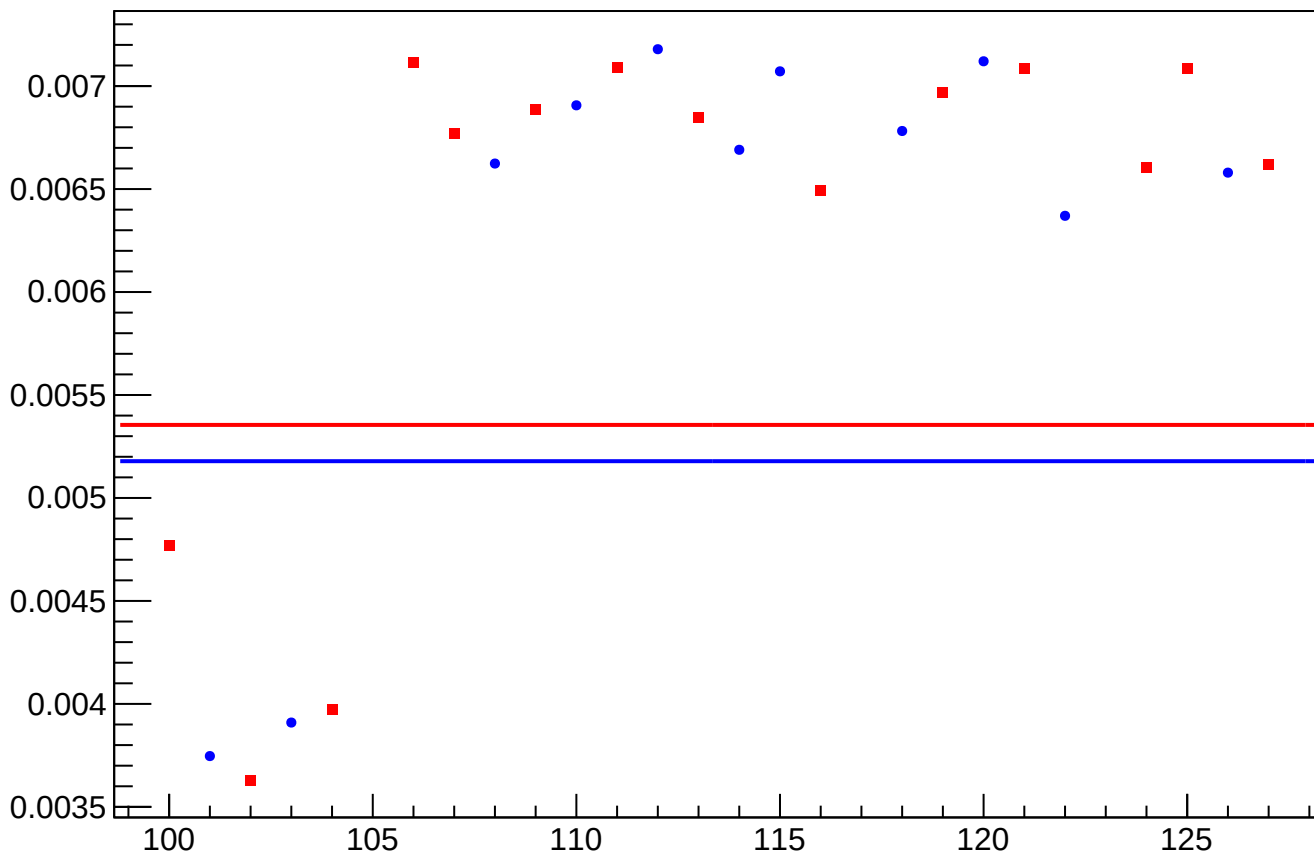
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.969+/-0.000 χ^2/NDF : 68529053027.1/23

- 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 : 640964.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 781163.5/13

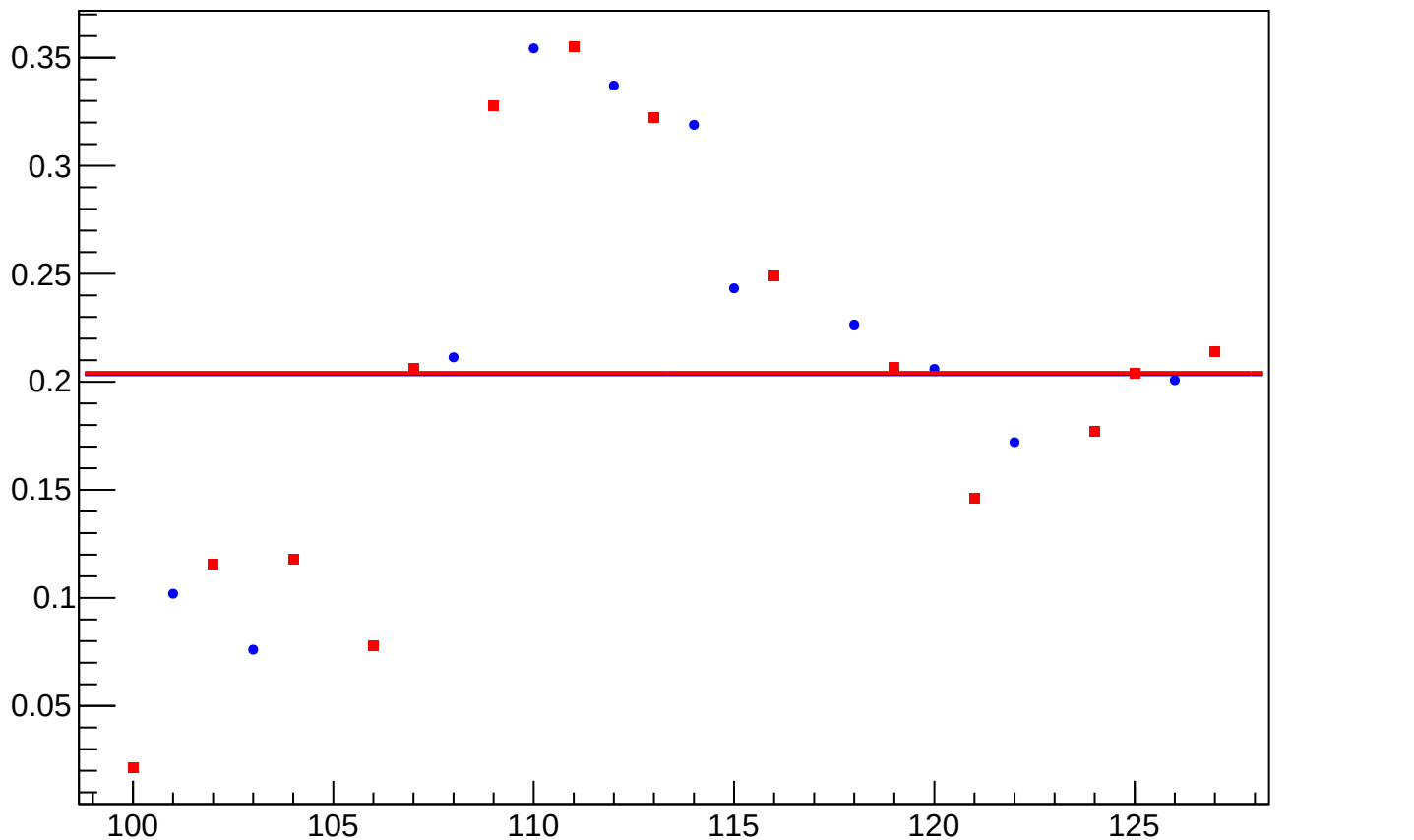
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1426865.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i01X_mean vs Slug



Right In: 0.204+/-0.000 χ^2/NDF : 14348876880.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.204+/-0.000 χ^2/NDF : 20022516261.6/13

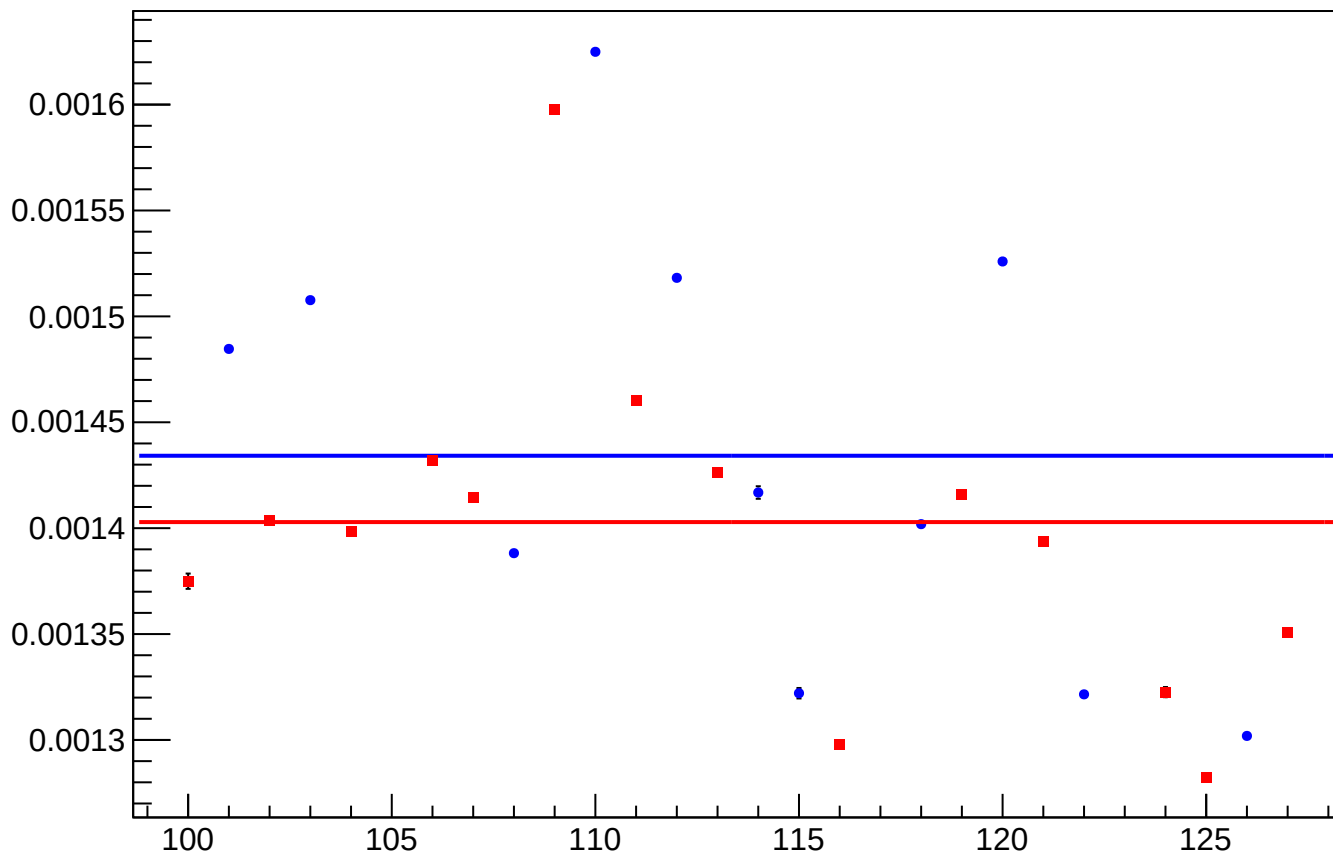
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.204+/-0.000 χ^2/NDF : 34371831083.9/2

- 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 : 36385.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 29266.3/13

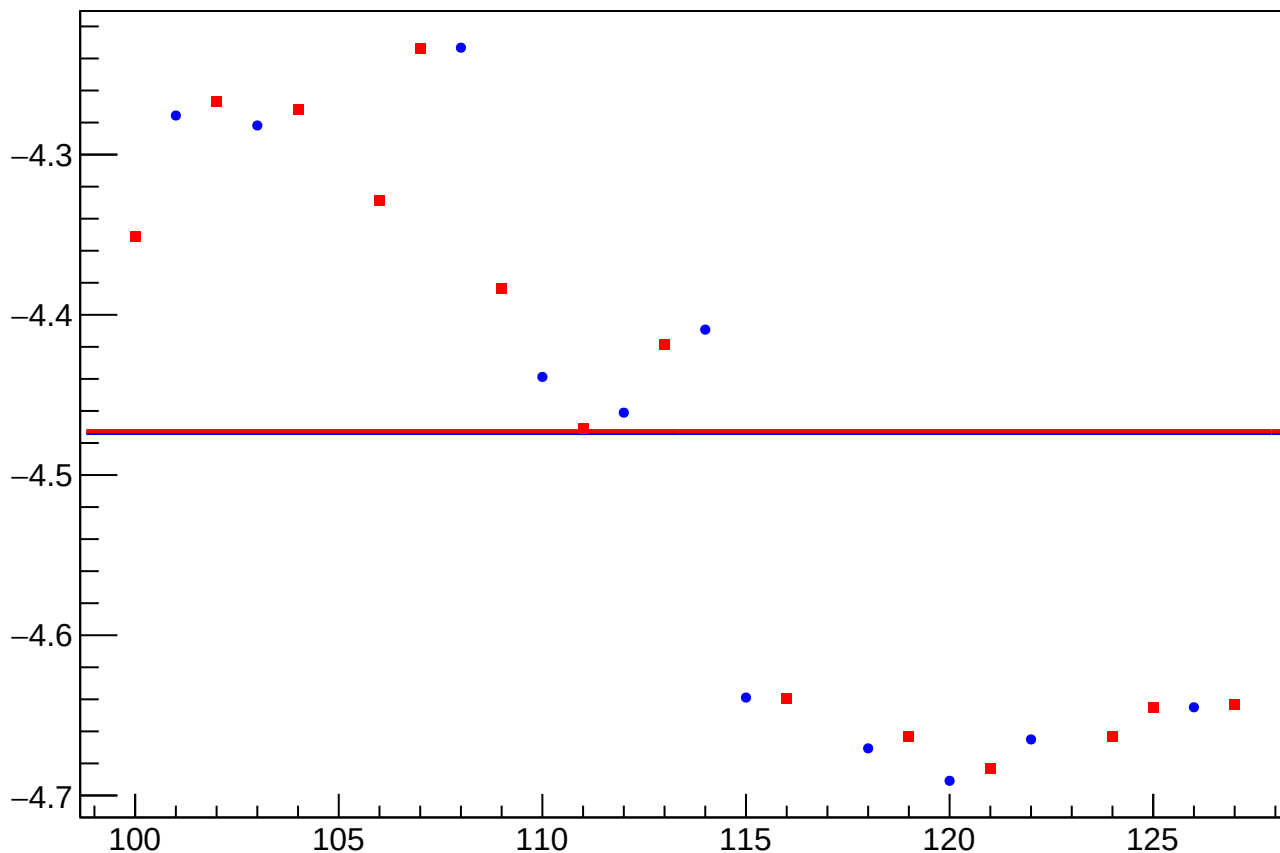
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 67943.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i01Y_mean vs Slug



Right In: -4.474+/-0.000 χ^2/NDF : 49531205763.1/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.473+/-0.000 χ^2/NDF : 49833120721.2/13

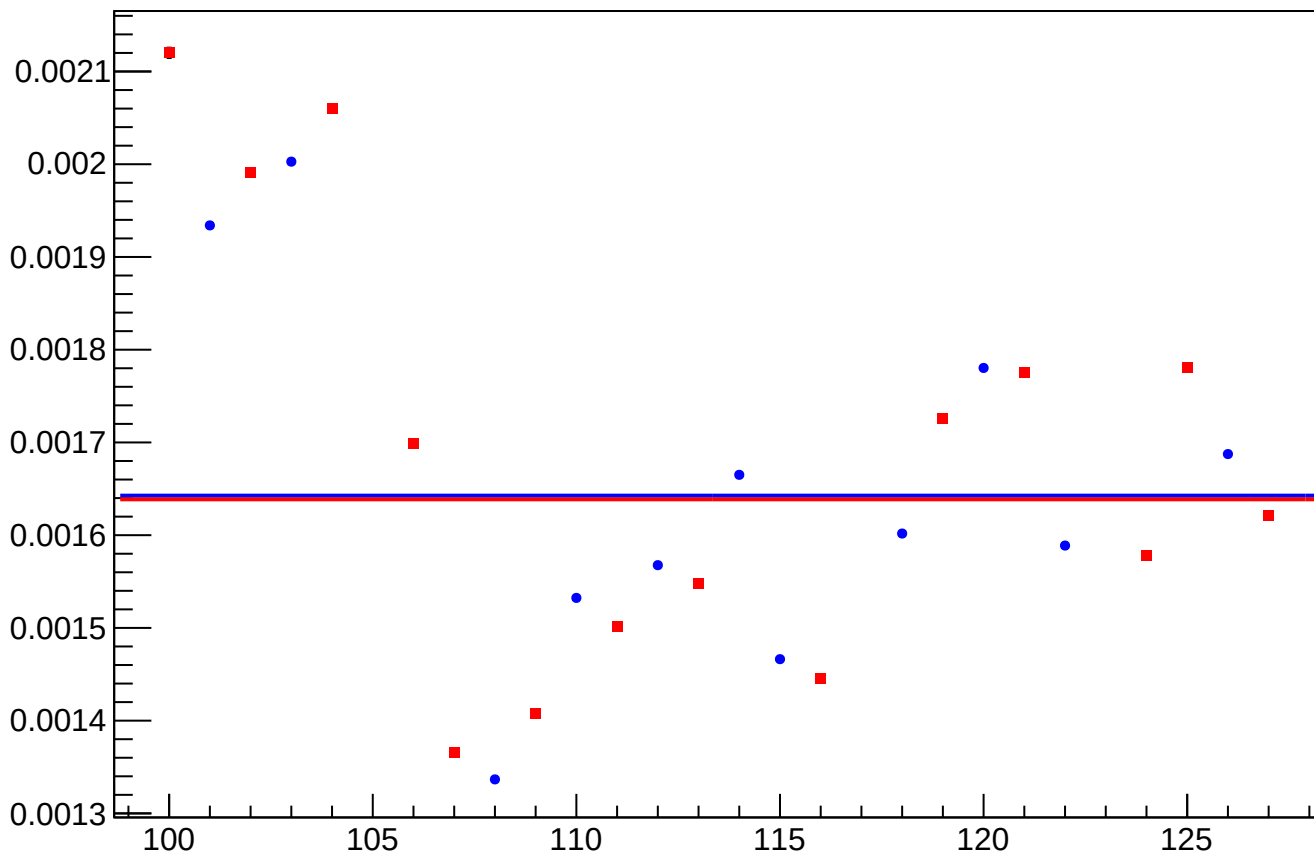
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.473+/-0.000 χ^2/NDF : 99365651725.7/10

- 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 : 125351.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 170944.9/13

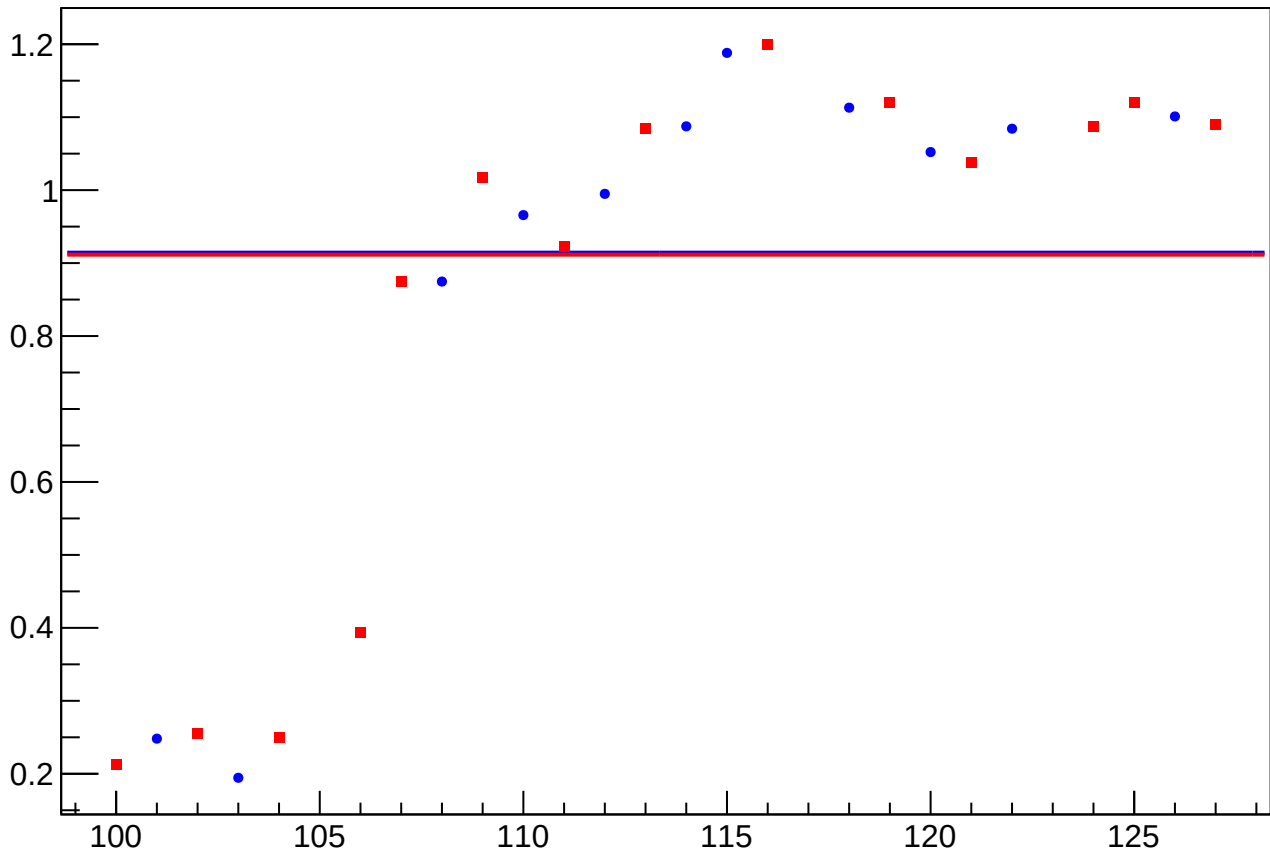
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 296323.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i02X_mean vs Slug



Right In: 0.914+/-0.000 χ^2/NDF : 9940275234.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.912+/-0.000 χ^2/NDF : 13319469785.3/13

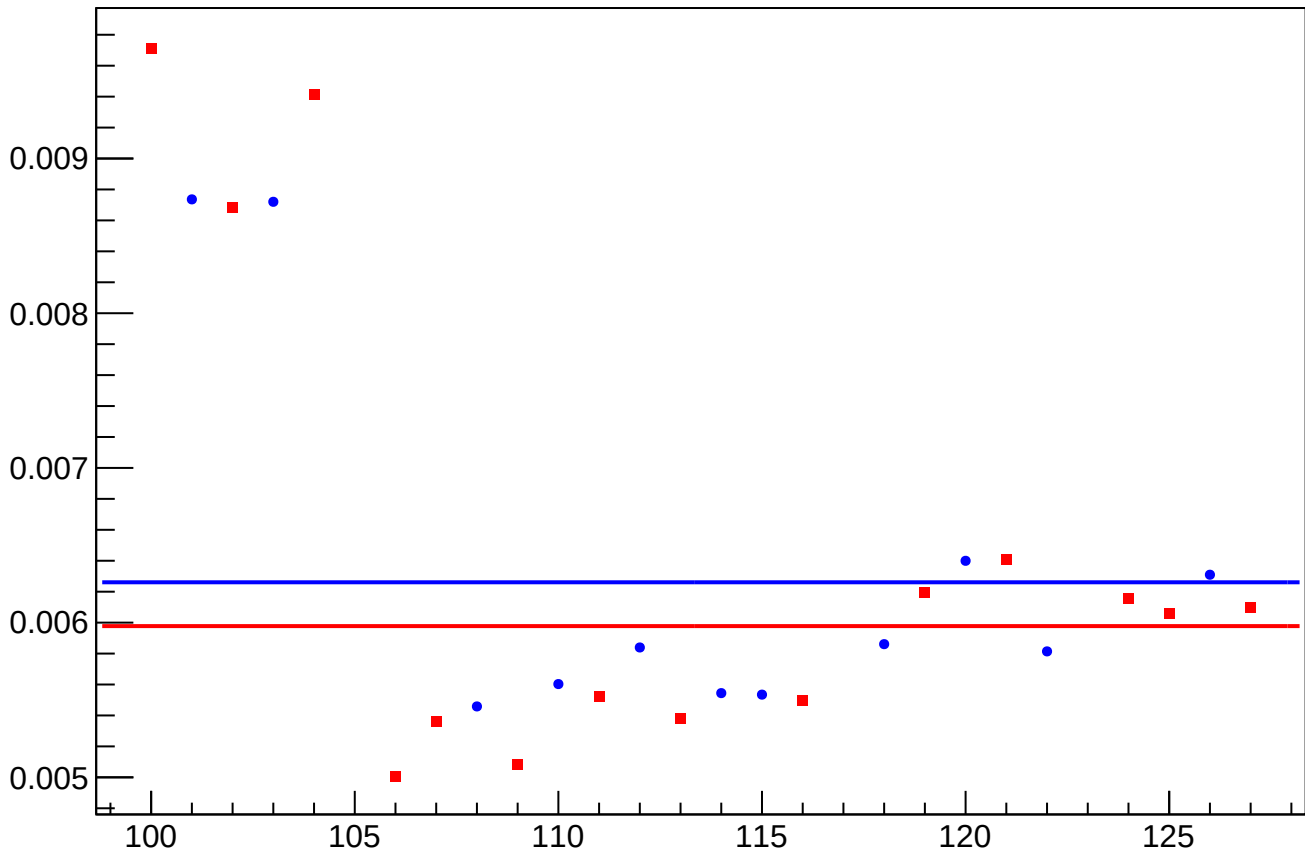
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.913+/-0.000 χ^2/NDF : 23260229744.1/20

- 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 : 251129.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 377728.1/13

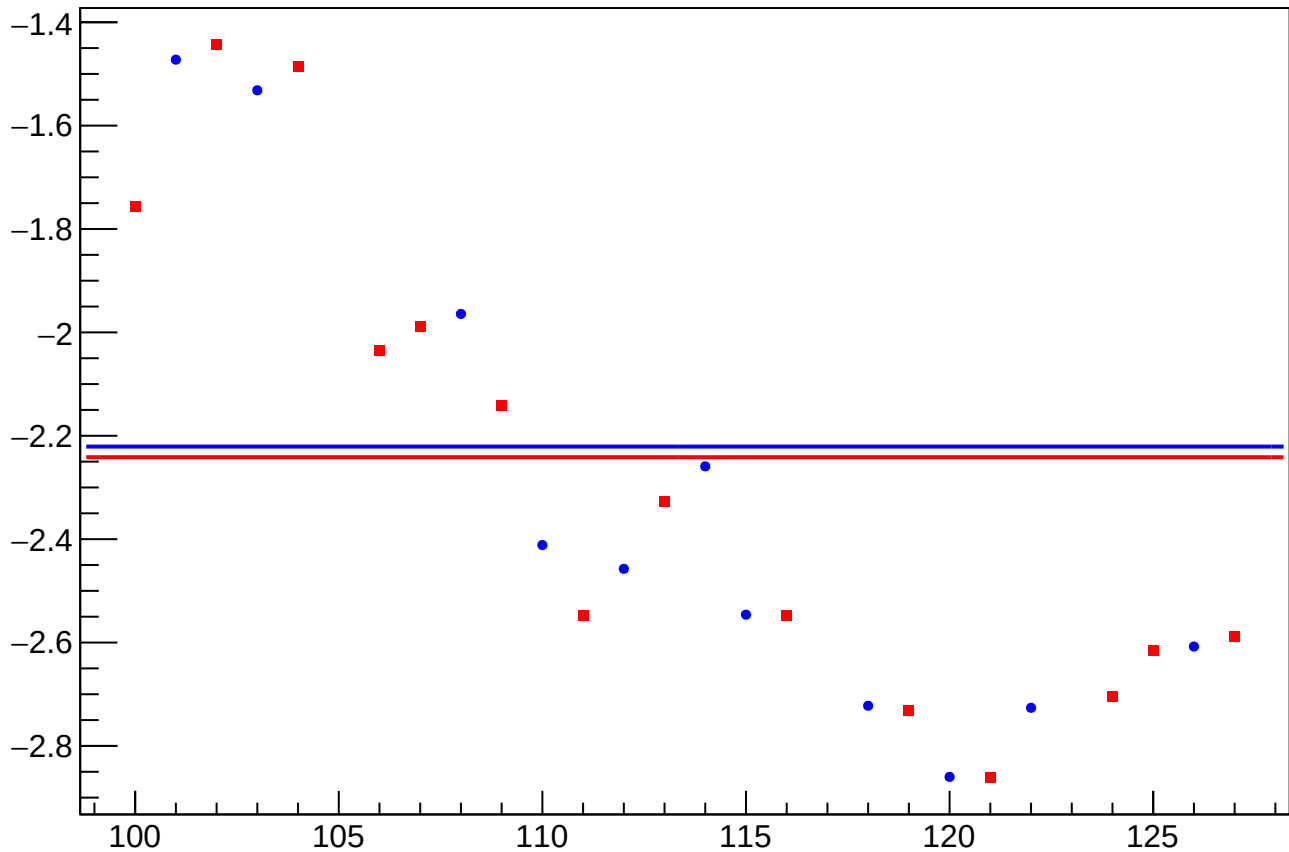
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 639015.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i02Y_mean vs Slug



Right In: -2.221+/-0.000 χ^2/NDF : 35928060045.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.241+/-0.000 χ^2/NDF : 37458011547.1/13

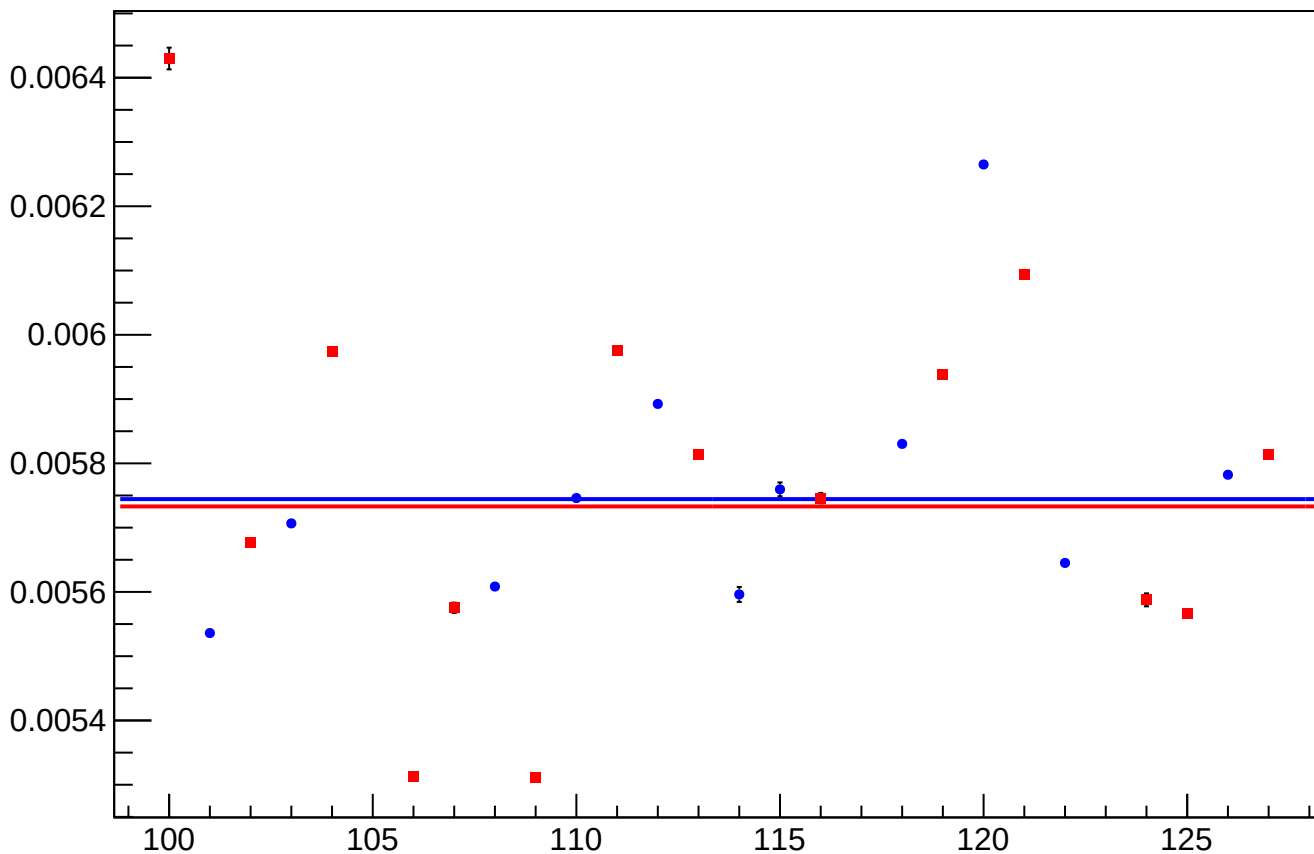
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.232+/-0.000 χ^2/NDF : 73417784902.9/20

- 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 : 8500.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 21848.3/13

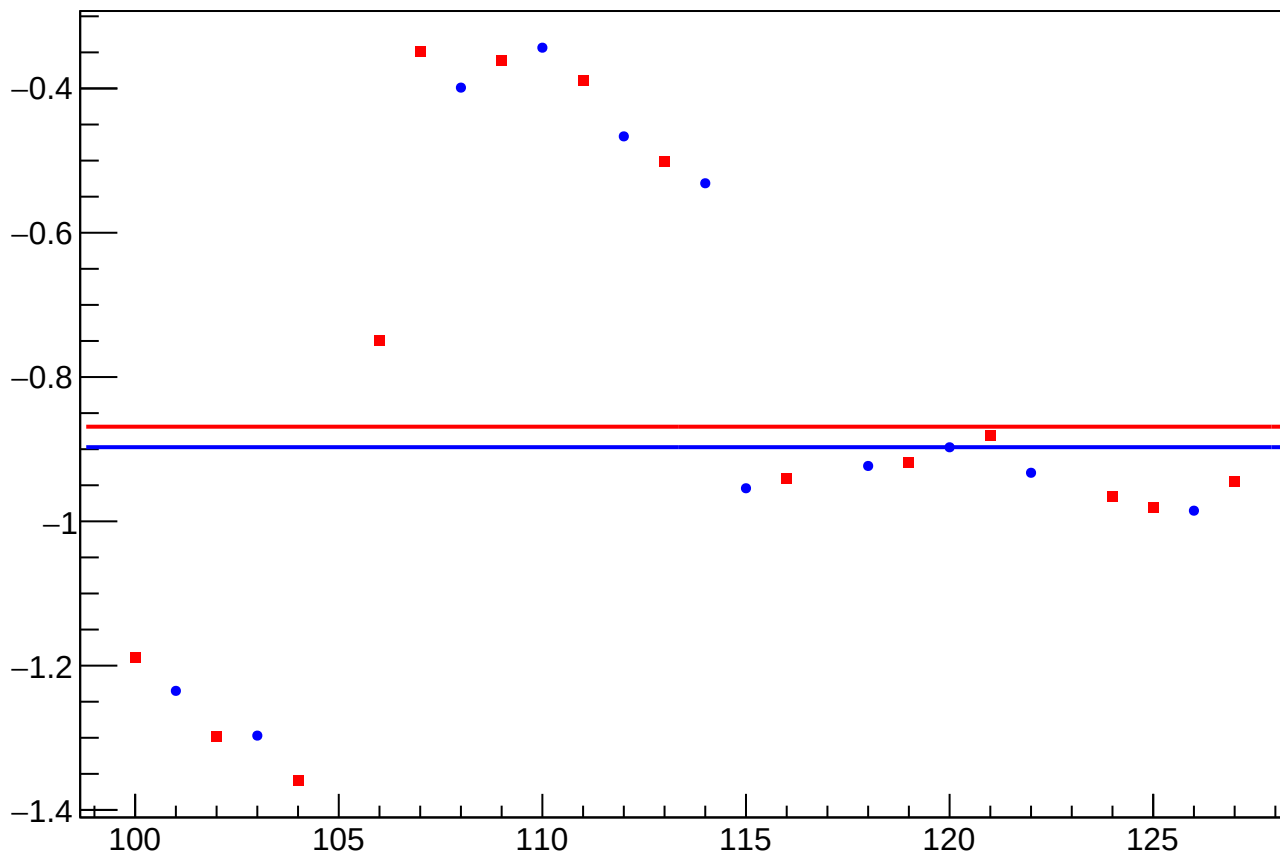
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 30368.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01X_mean vs Slug



Right In: -0.897+/-0.000 χ^2/NDF : 4136968706.5/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.869+/-0.000 χ^2/NDF : 5737613094.8/13

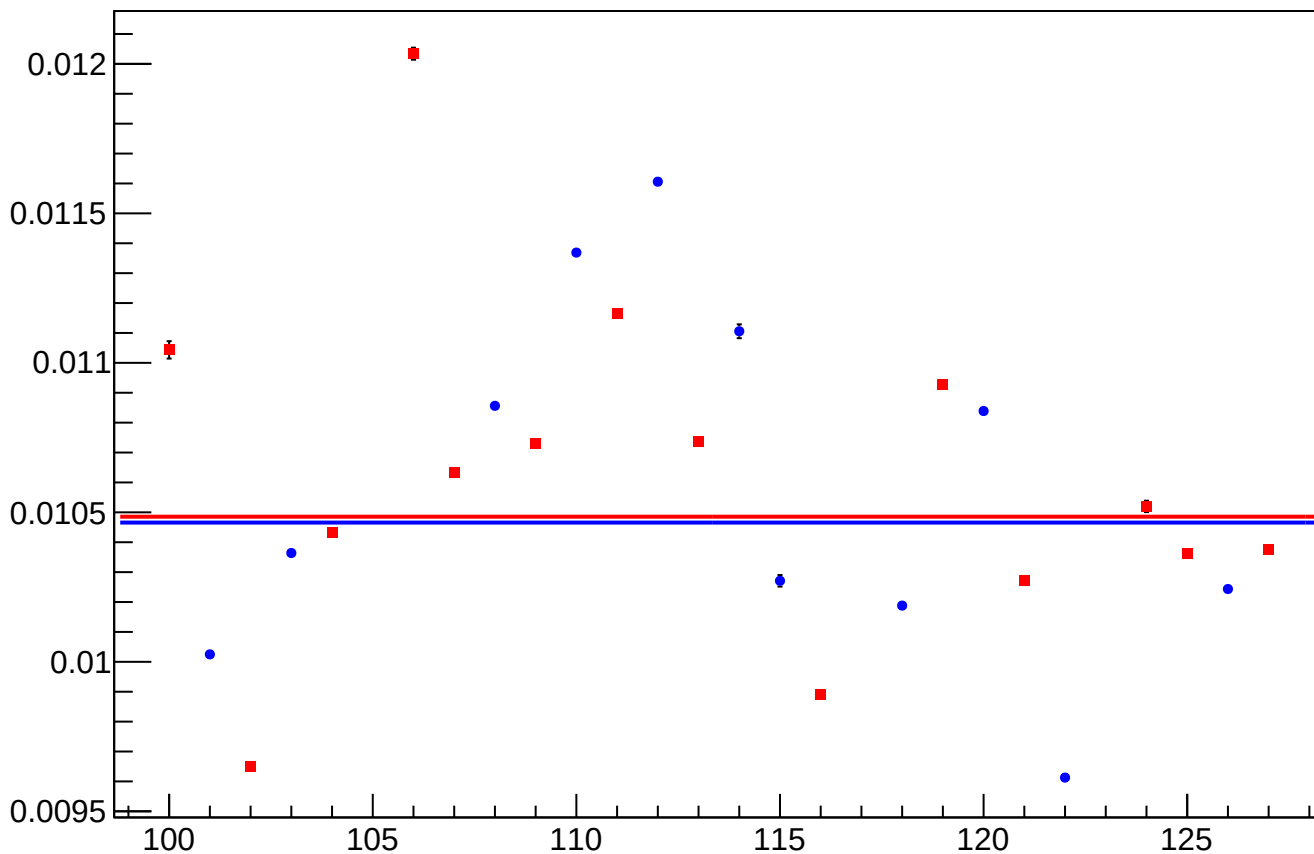
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.882+/-0.000 χ^2/NDF : 9892235644.9/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01X_rms vs Slug



Right In: 0.010+/-0.000 χ^2/NDF : 26861.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 24766.7/13

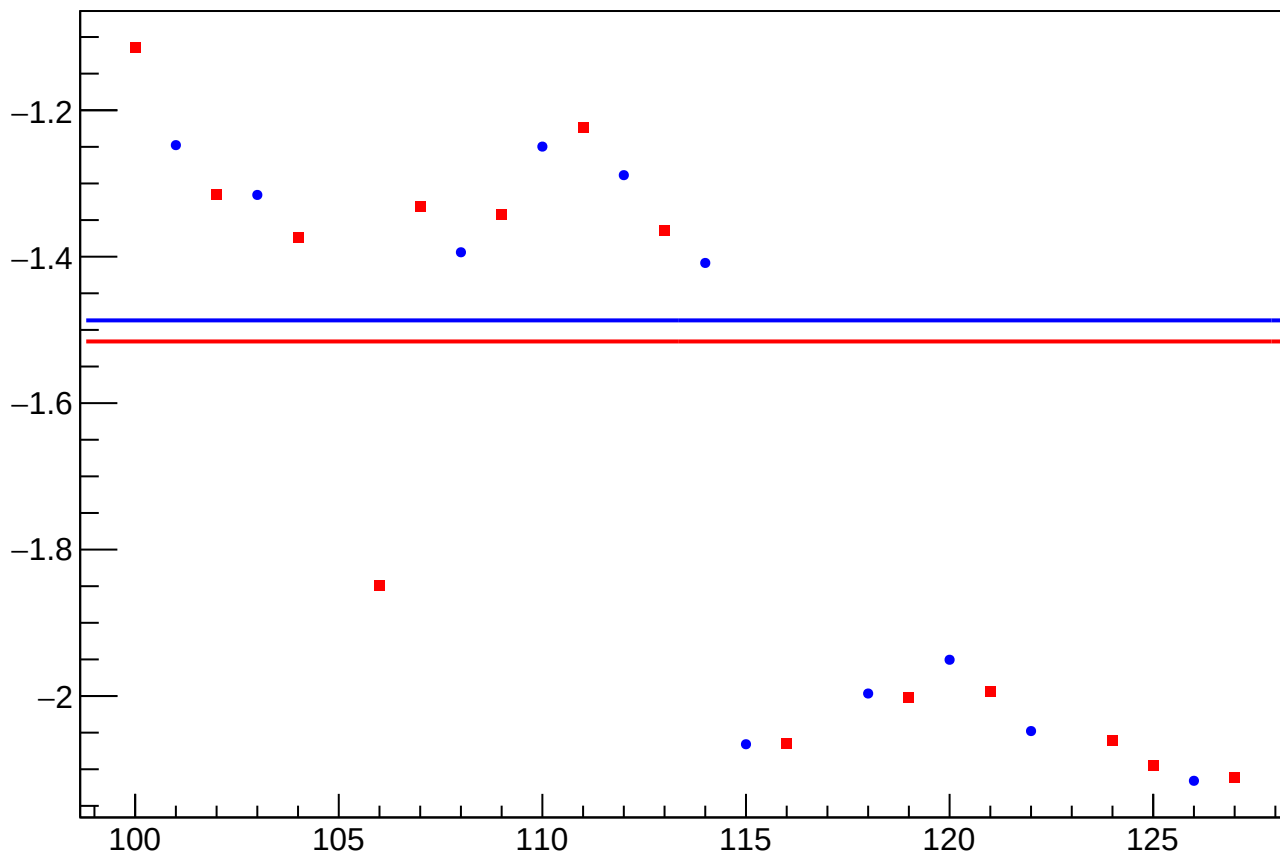
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 51645.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01Y_mean vs Slug



Right In: -1.487+/-0.000 χ^2/NDF : 77683796524.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.516+/-0.000 χ^2/NDF : 86850601933.8/13

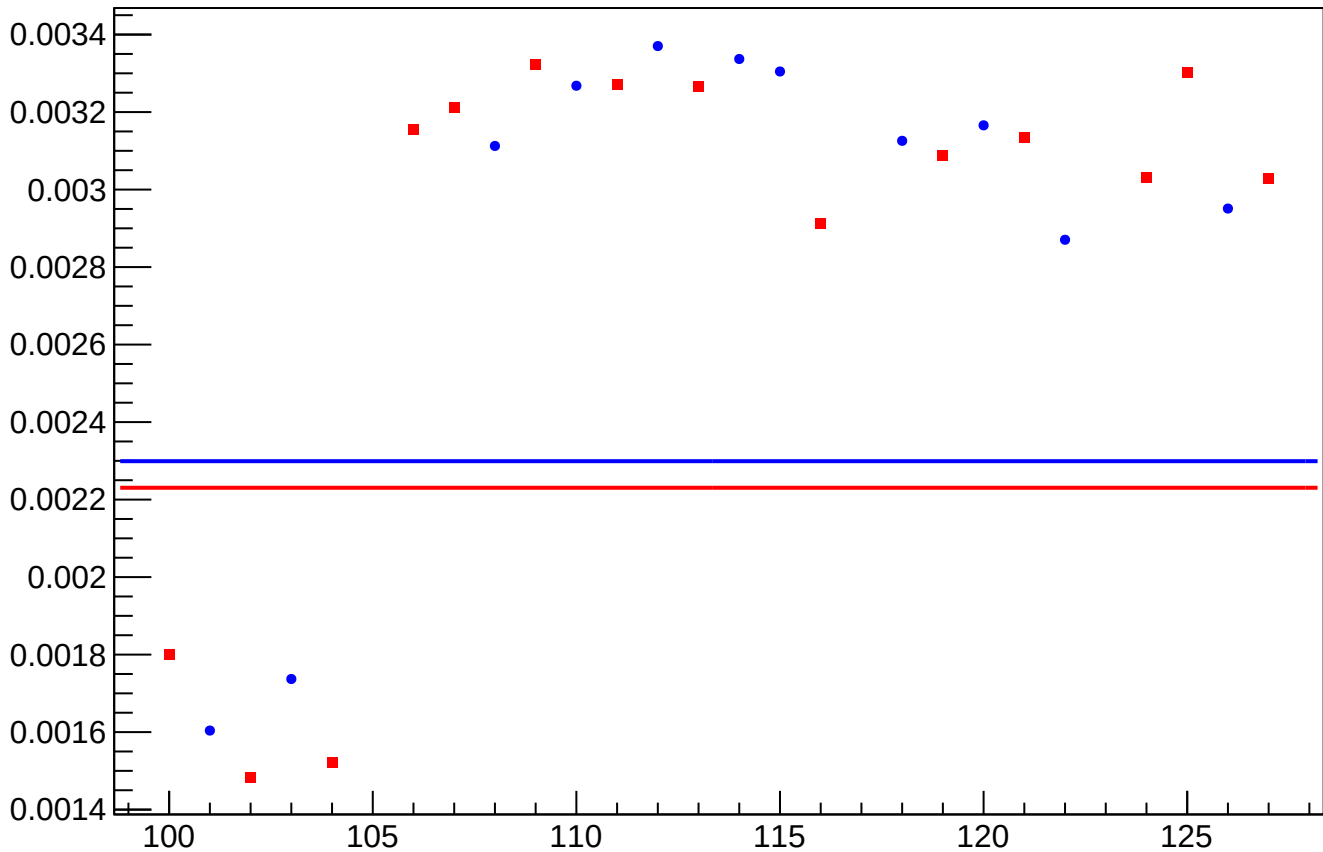
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.503+/-0.000 χ^2/NDF : 164852613726.3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01Y_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 752805.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1160998.2/13

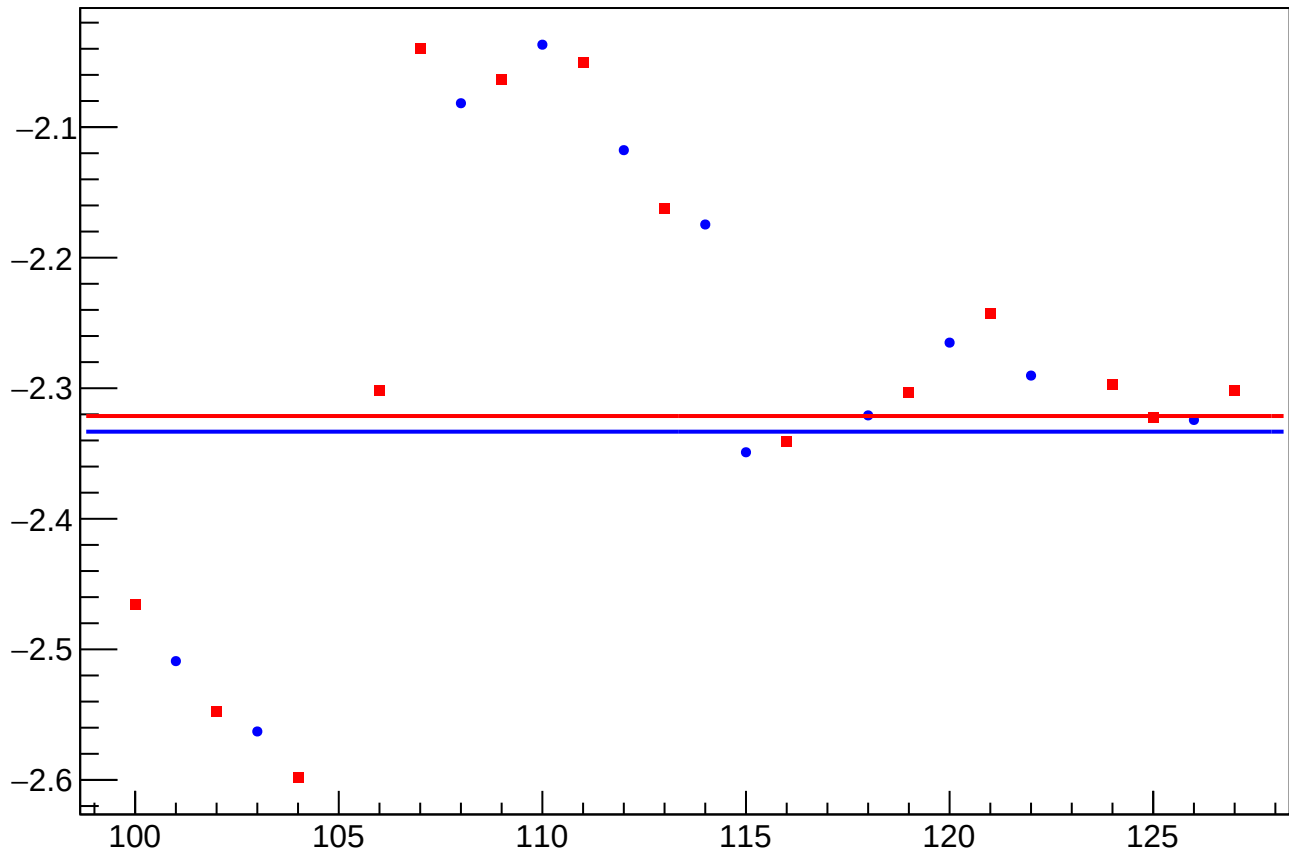
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1917418.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01aX_mean vs Slug



Right In: -2.333+/-0.000 χ^2/NDF : 3215532185.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.321+/-0.000 χ^2/NDF : 4527782089.7/13

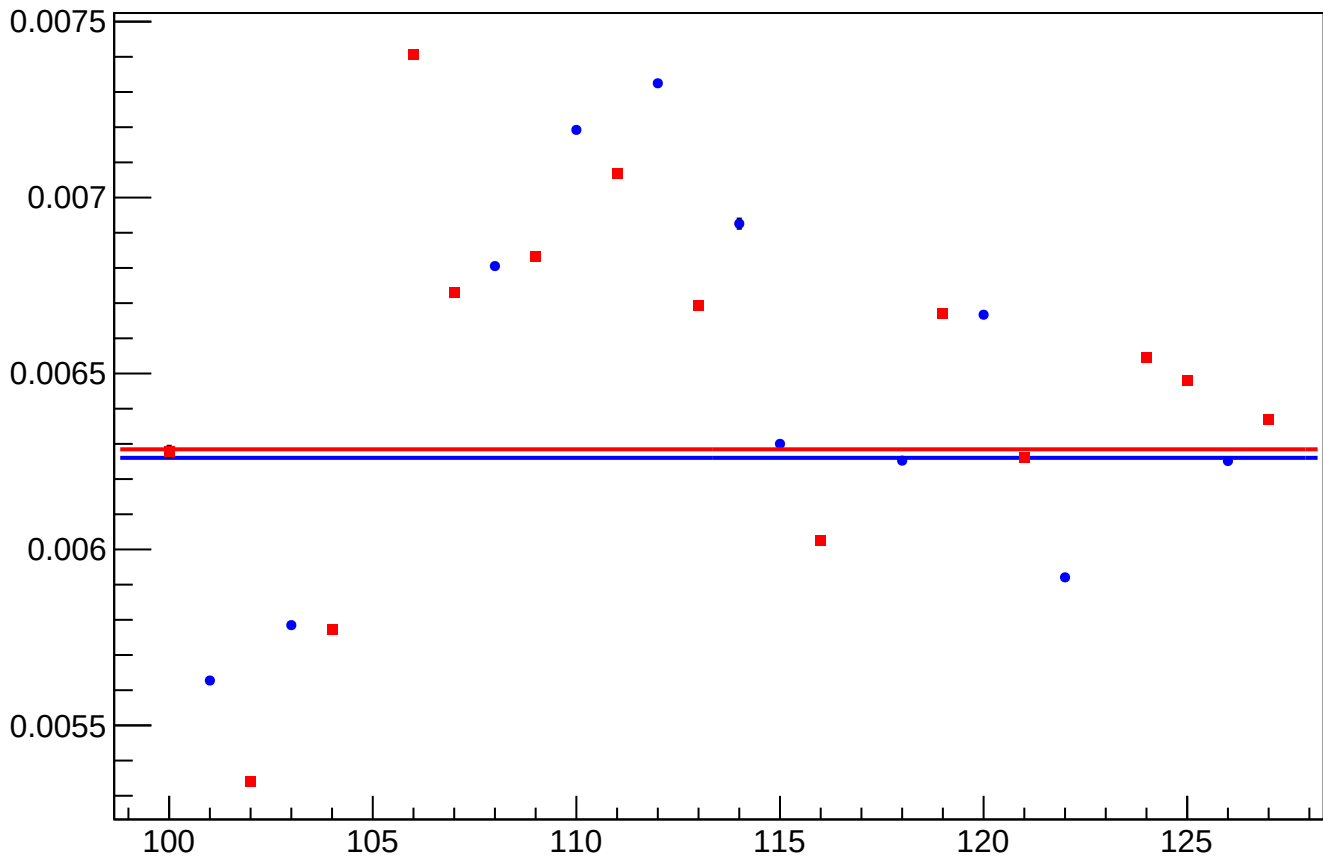
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.327+/-0.000 χ^2/NDF : 7751939238.5/2

- 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 : 68751.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 85432.4/13

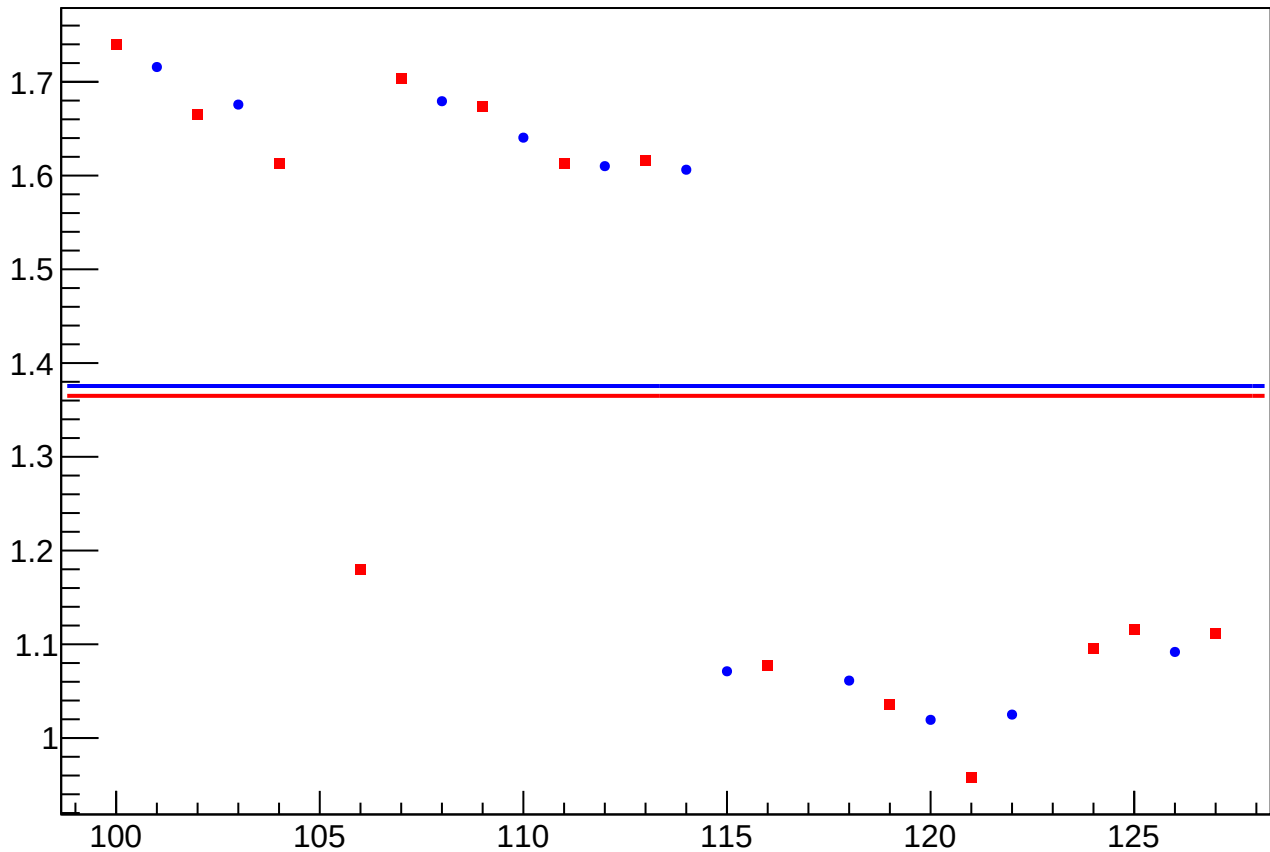
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 154255.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01aY_mean vs Slug



Right In: 1.376+/-0.000 χ^2/NDF : 93321842174.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.365+/-0.000 χ^2/NDF : 103650991967.5/13

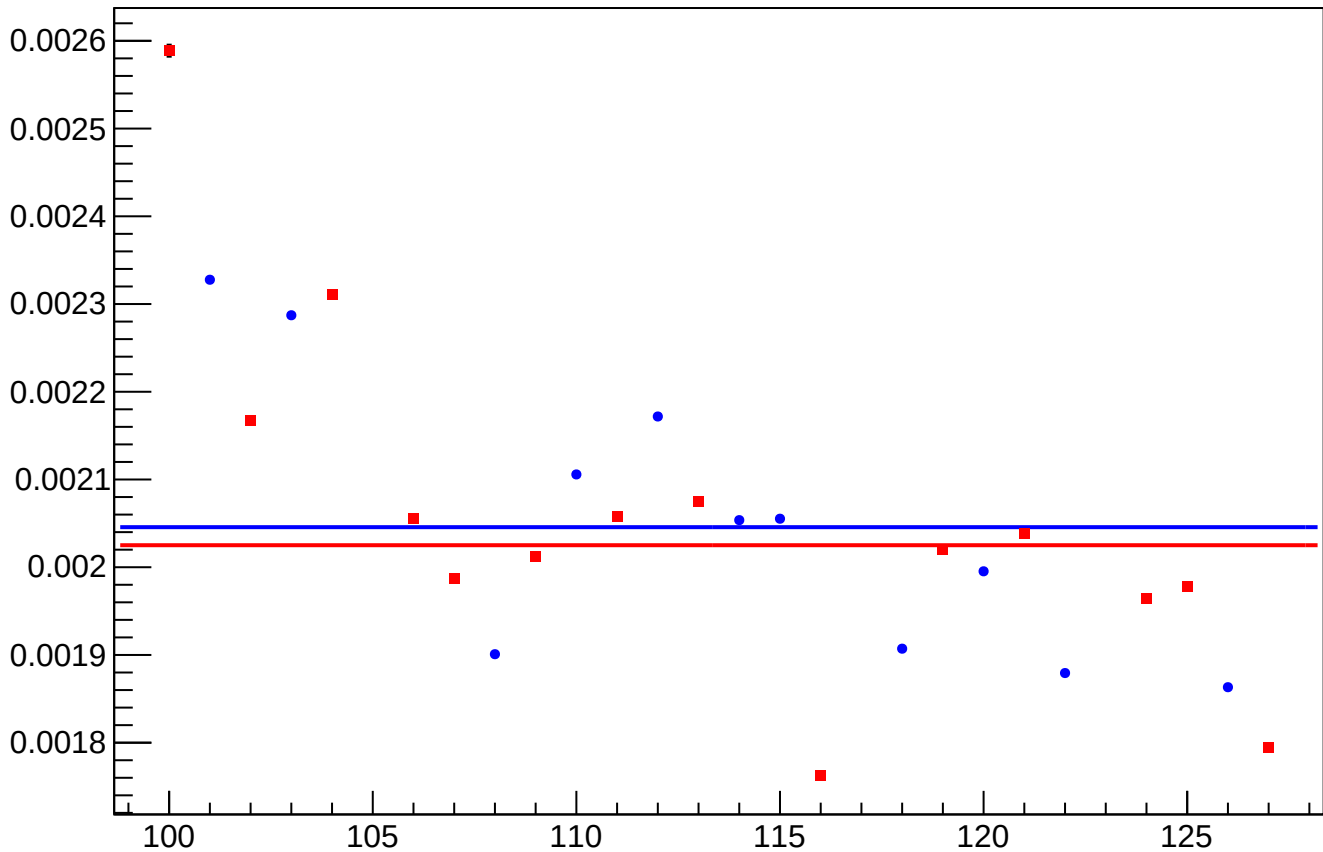
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.370+/-0.000 χ^2/NDF : 197032773983.2

- 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 : 57624.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 54768.8/13

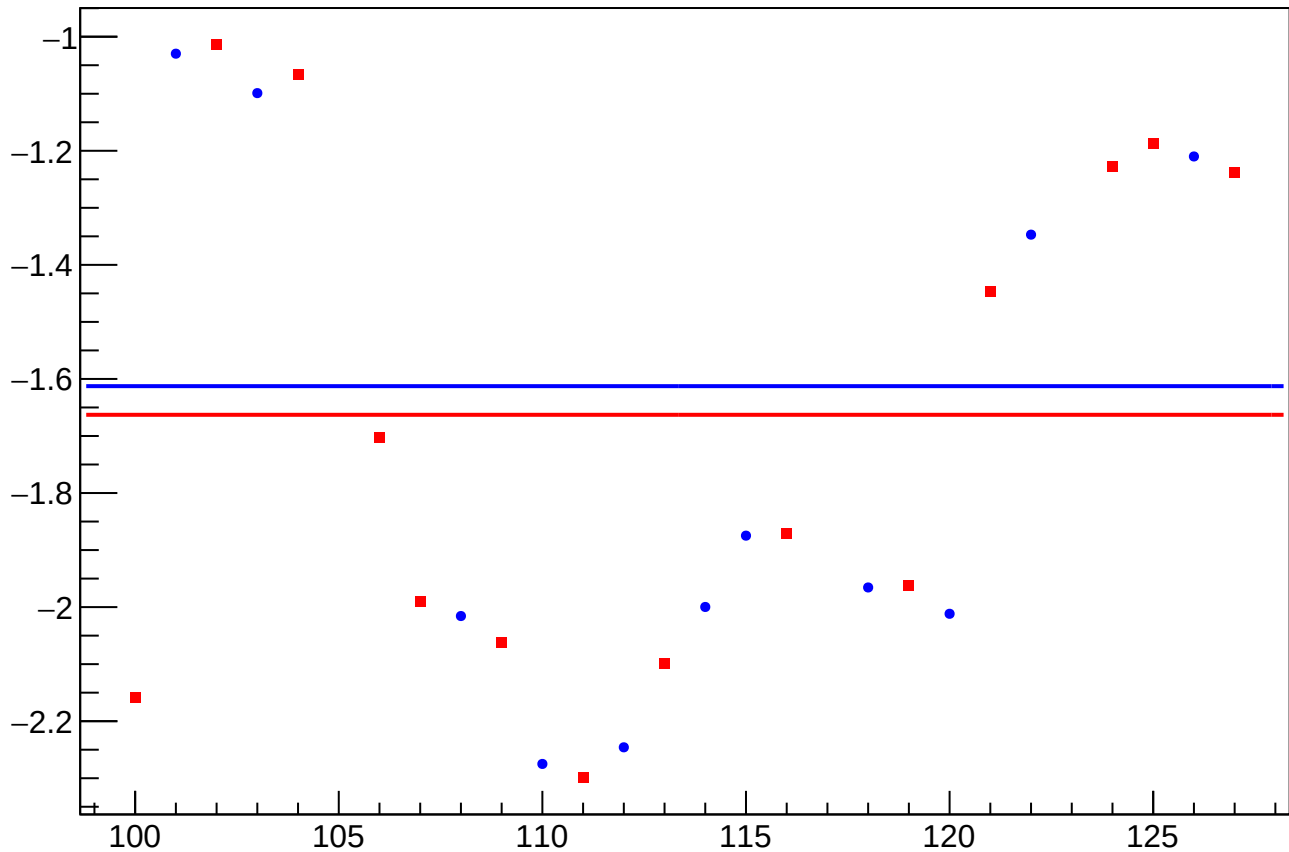
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 112853.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01X_mean vs Slug



Right In: -1.613 ± 0.000 χ^2/NDF : 19530717199.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.663 ± 0.000 χ^2/NDF : 25607889511.9/13

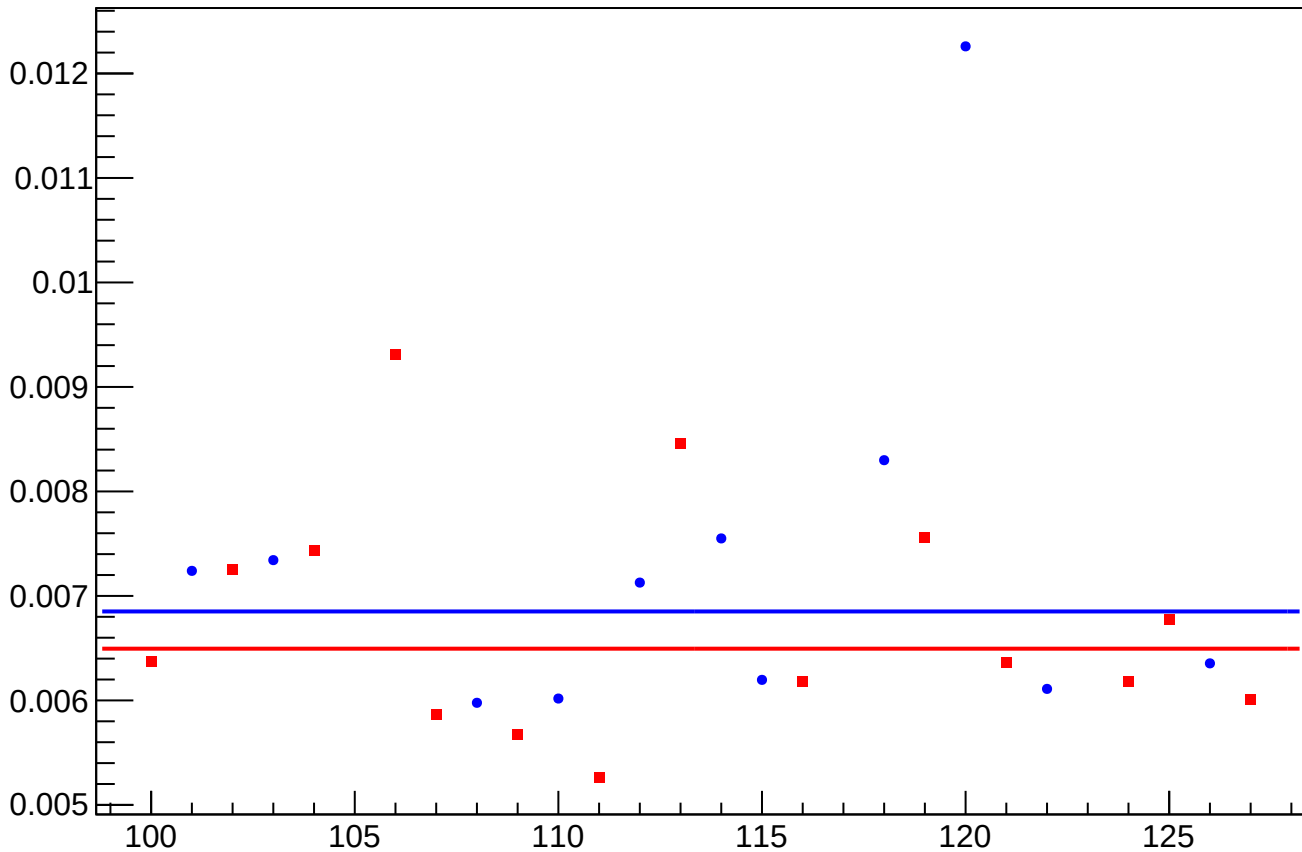
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.642 ± 0.000 χ^2/NDF : 45261710379.2/23

- 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 : 195419.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 217843.2/13

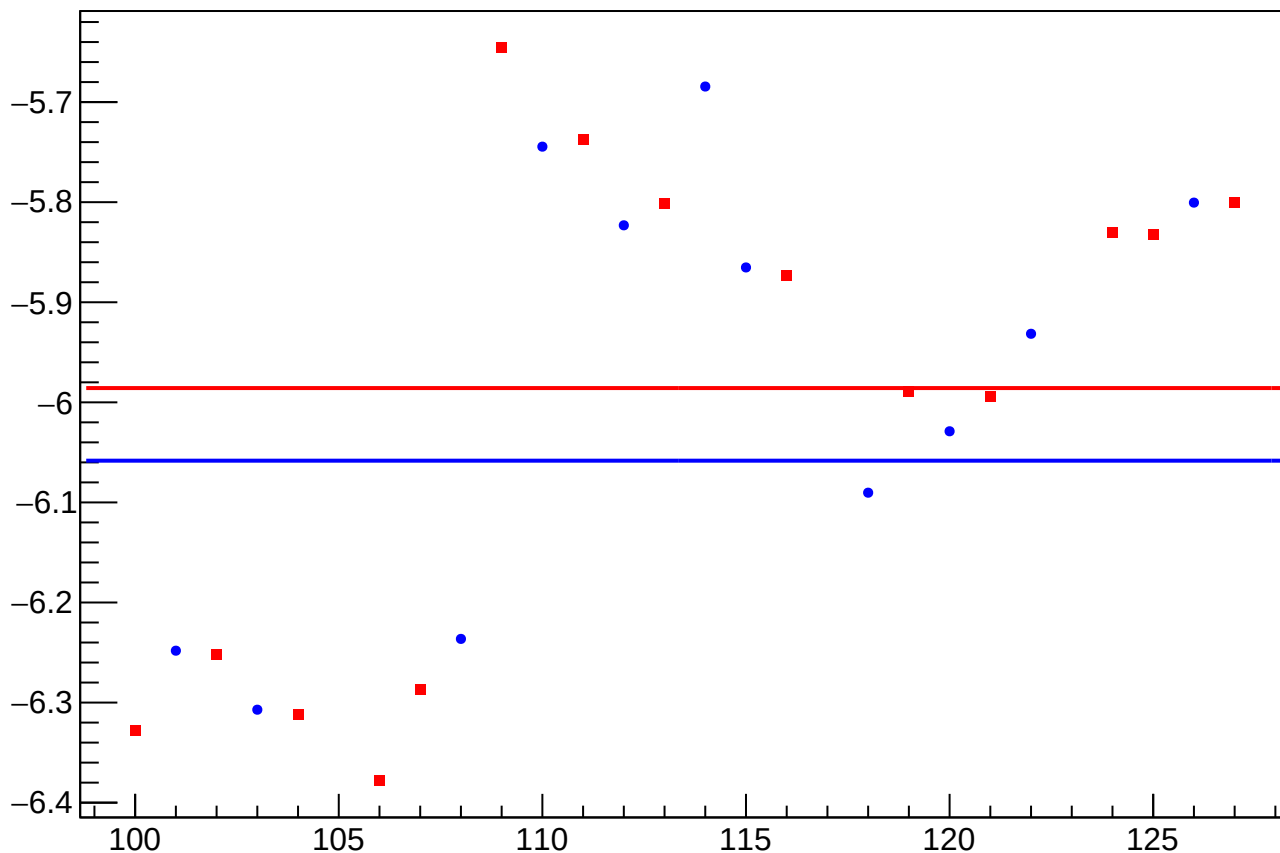
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 425655.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01Y_mean vs Slug



Right In: -6.058+/-0.000 χ^2/NDF : 5511141383.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.986+/-0.000 χ^2/NDF : 9637266052.0/13

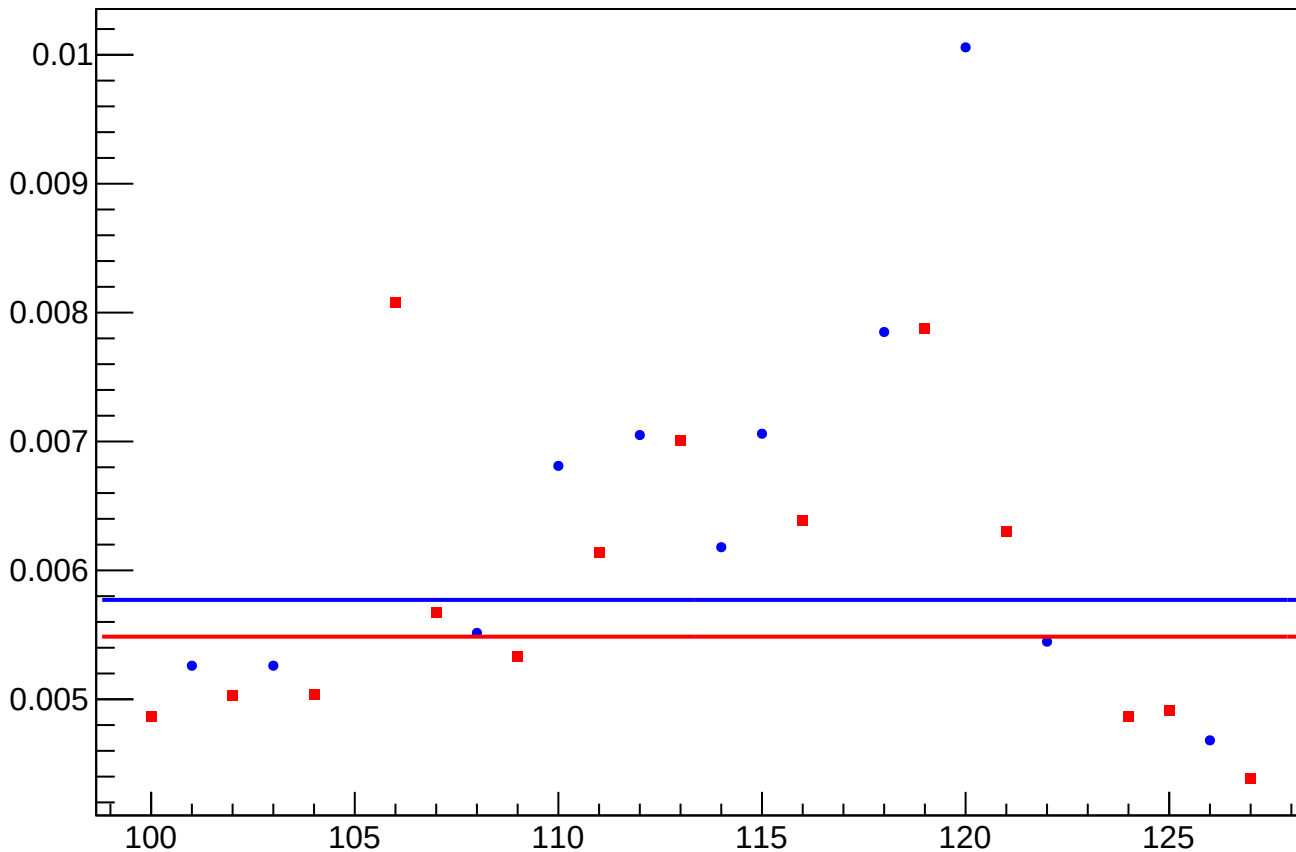
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.016+/-0.000 χ^2/NDF : 15502849143.7

- 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 : 286317.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 296536.5/13

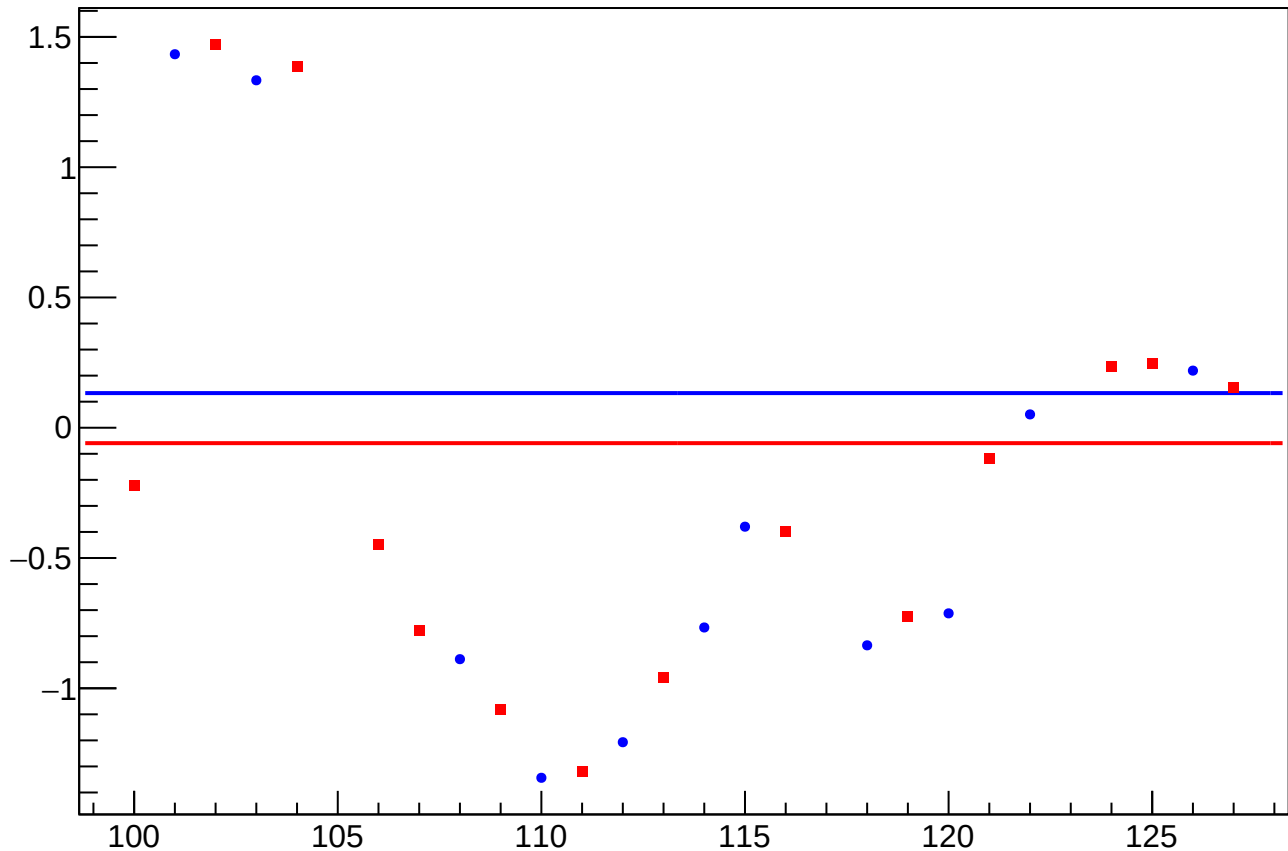
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 593823.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l02X_mean vs Slug



Right In: 0.133+/-0.000 χ^2/NDF : 17351970914.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.059+/-0.000 χ^2/NDF : 21904548322.6/13

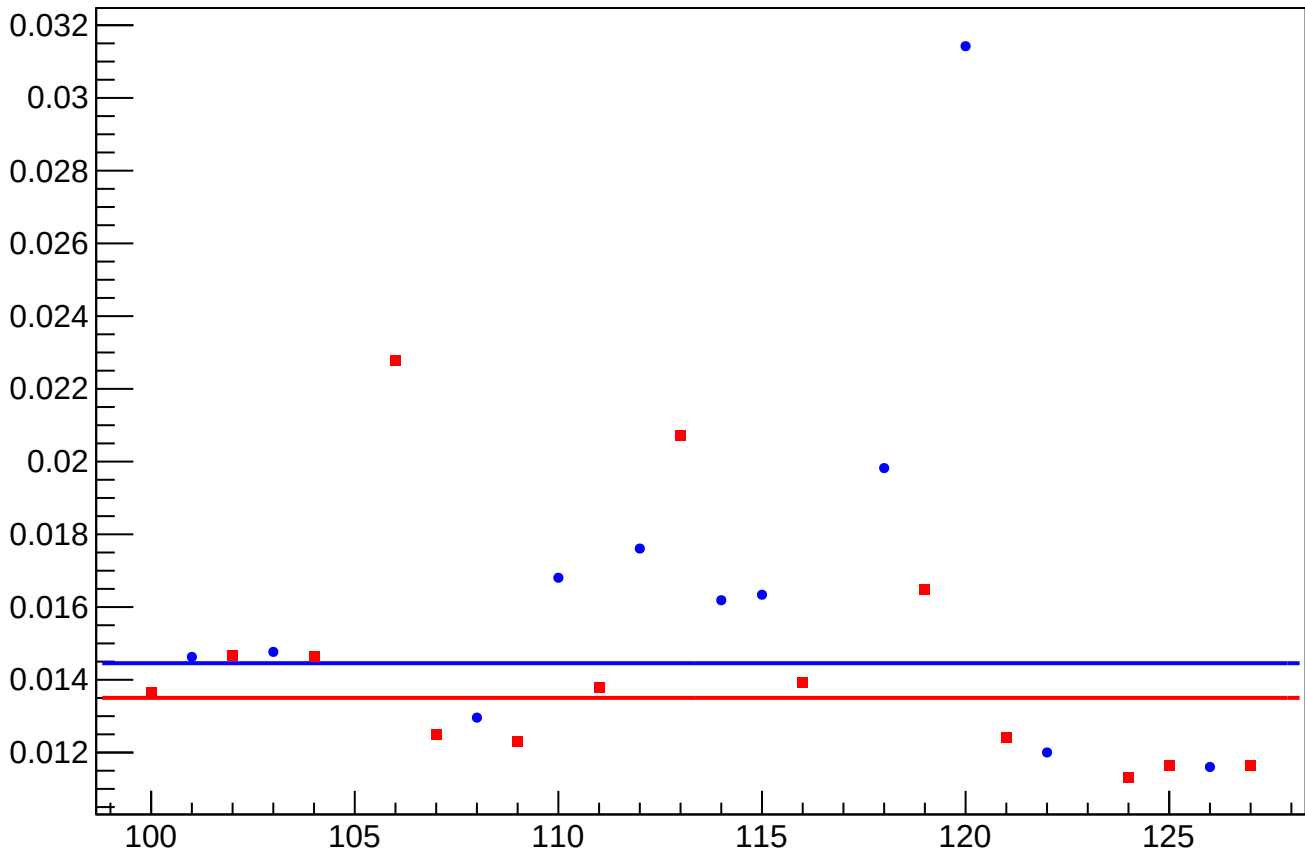
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.000 χ^2/NDF : 39651988938.5/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l02X_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 347469.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 266780.8/13

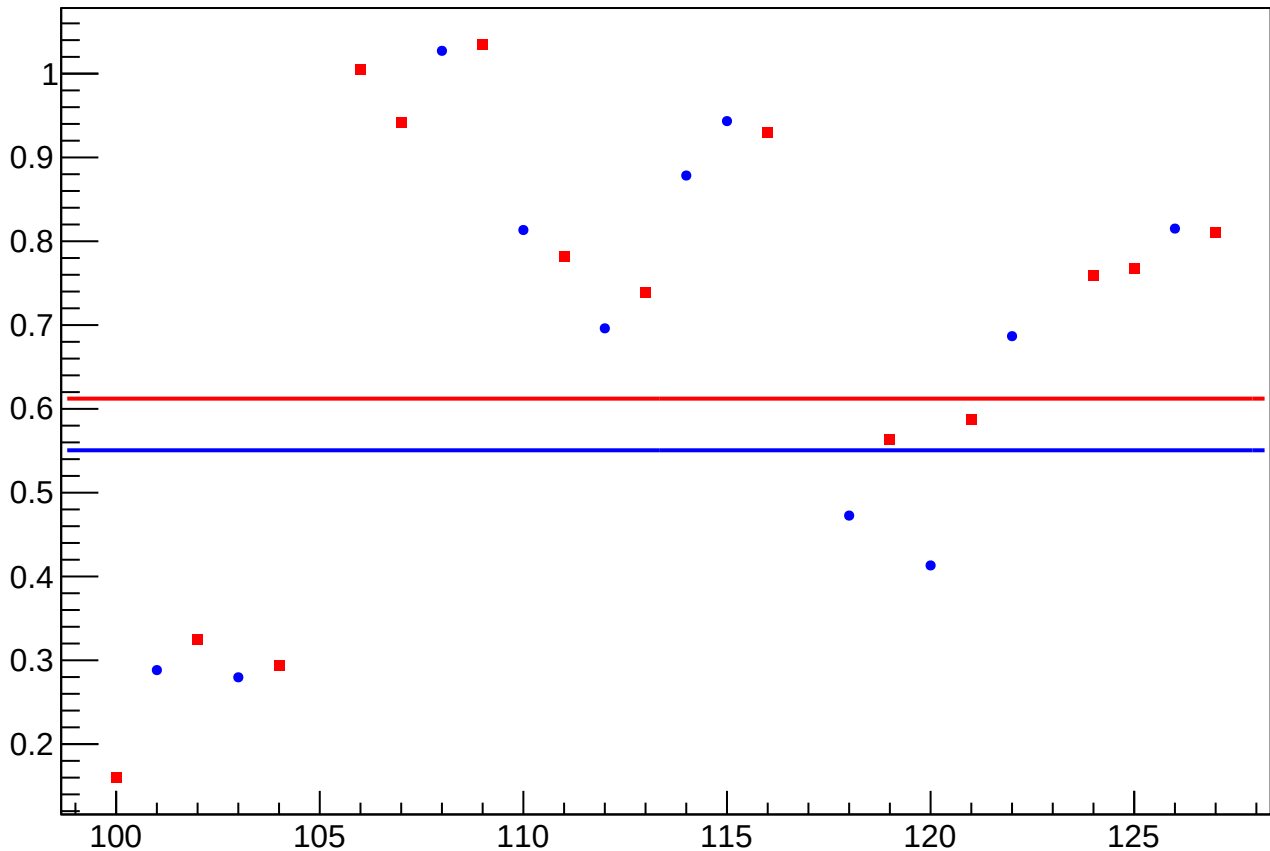
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 633744.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l02Y_mean vs Slug



Right In: 0.551+/-0.000 χ^2/NDF : 4371591219.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.612+/-0.000 χ^2/NDF : 5556956061.5/13

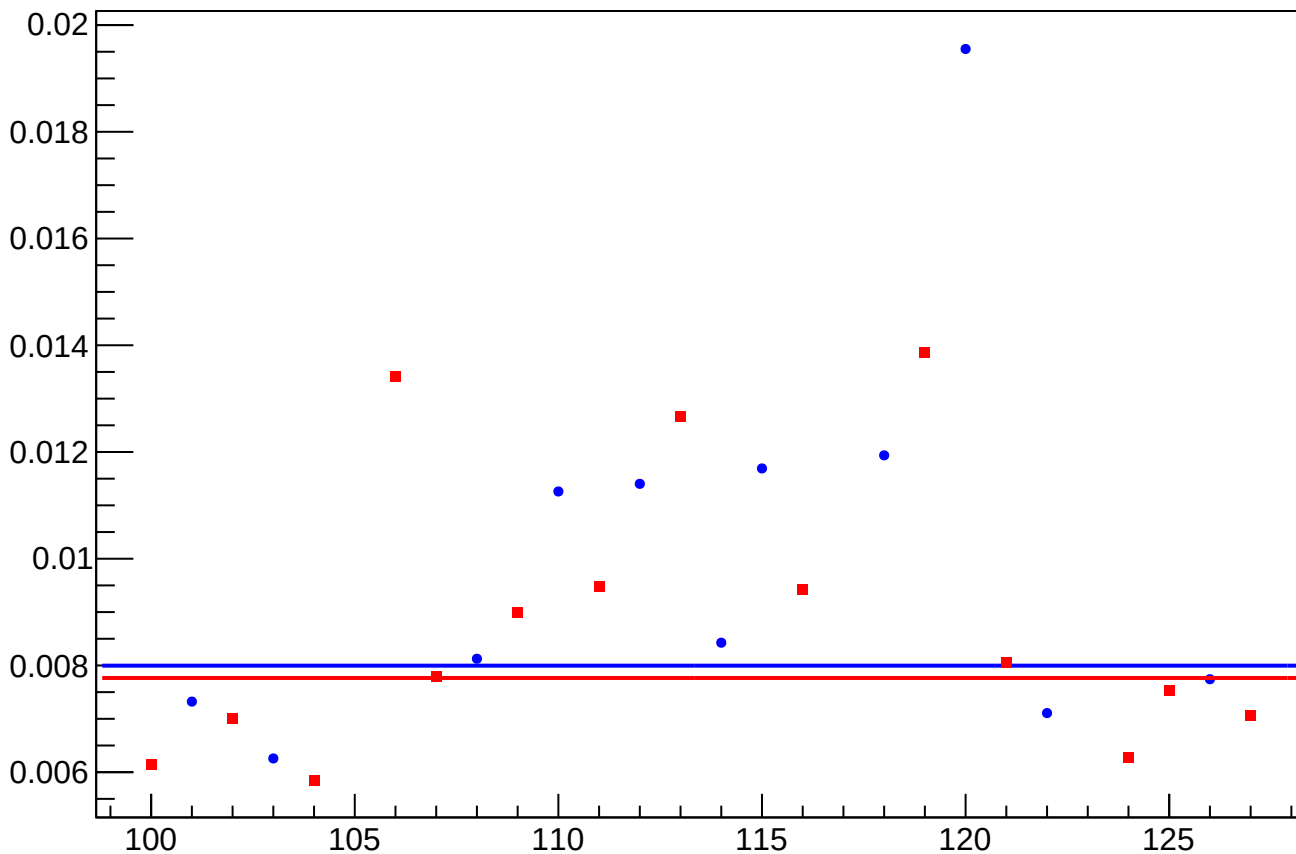
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.586+/-0.000 χ^2/NDF : 10053614023.4/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l02Y_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 558153.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 577757.5/13

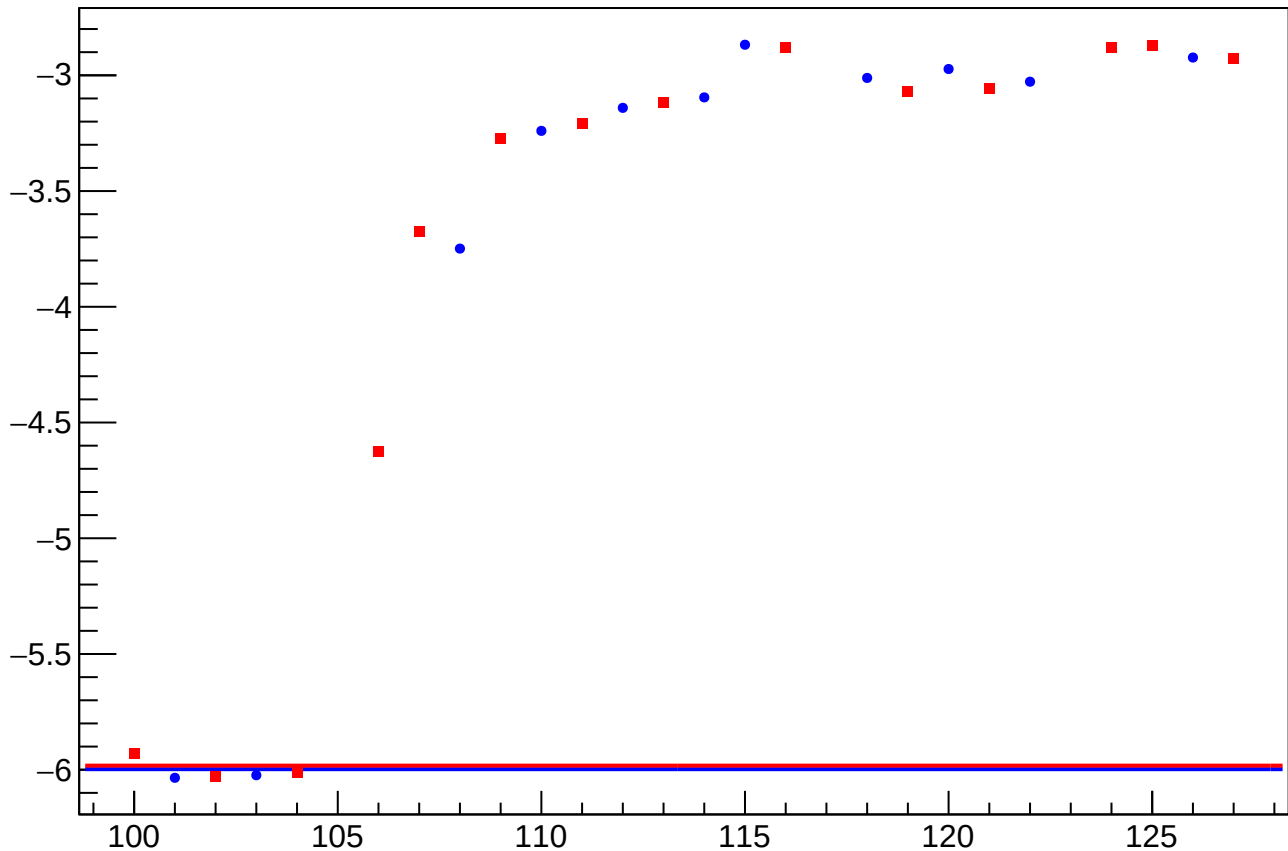
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 1139421.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l03X_mean vs Slug



Right In: -5.998+/-0.000 χ^2/NDF : 4220281738.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.982+/-0.000 χ^2/NDF : 4515956654.0/13

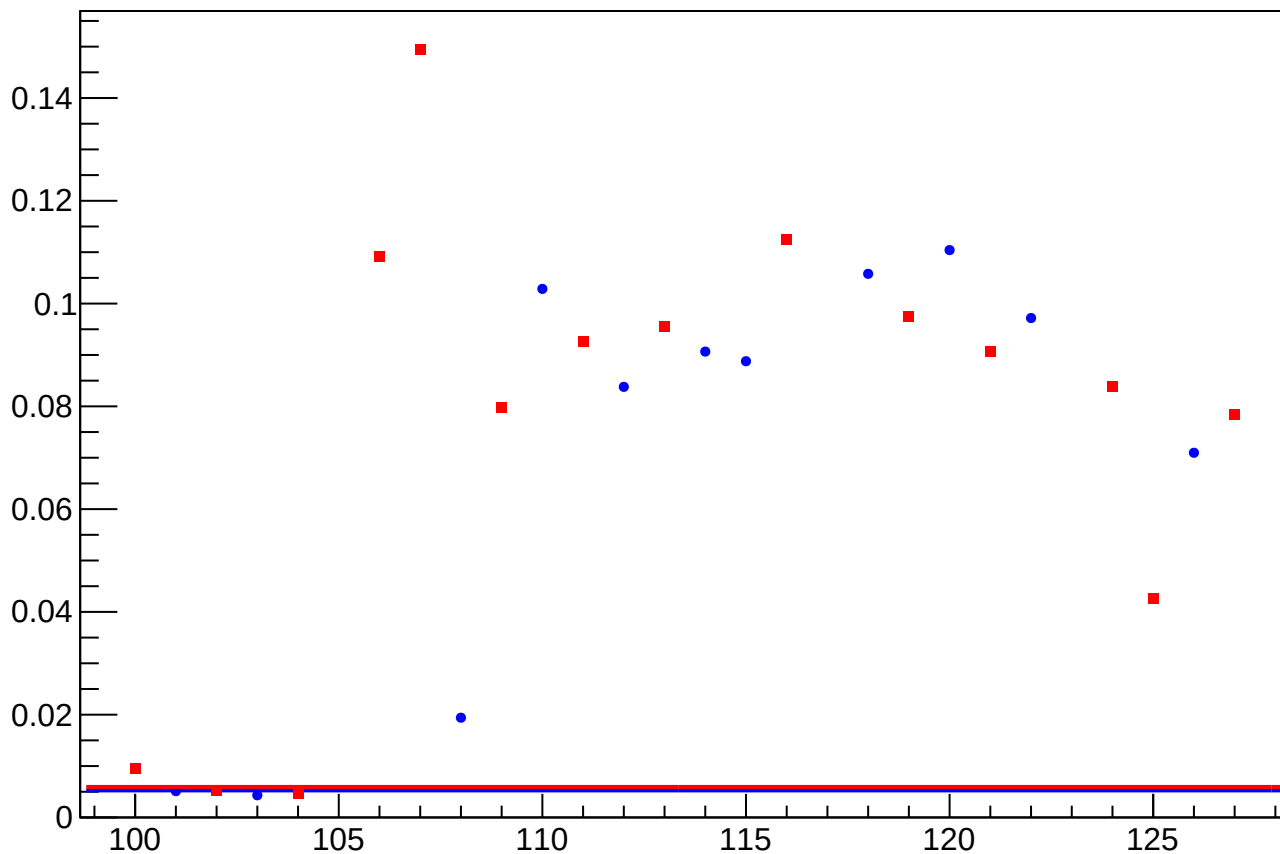
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.991+/-0.000 χ^2/NDF : 8741605031.1/2

- 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 : 4772620.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 6642331.0/13

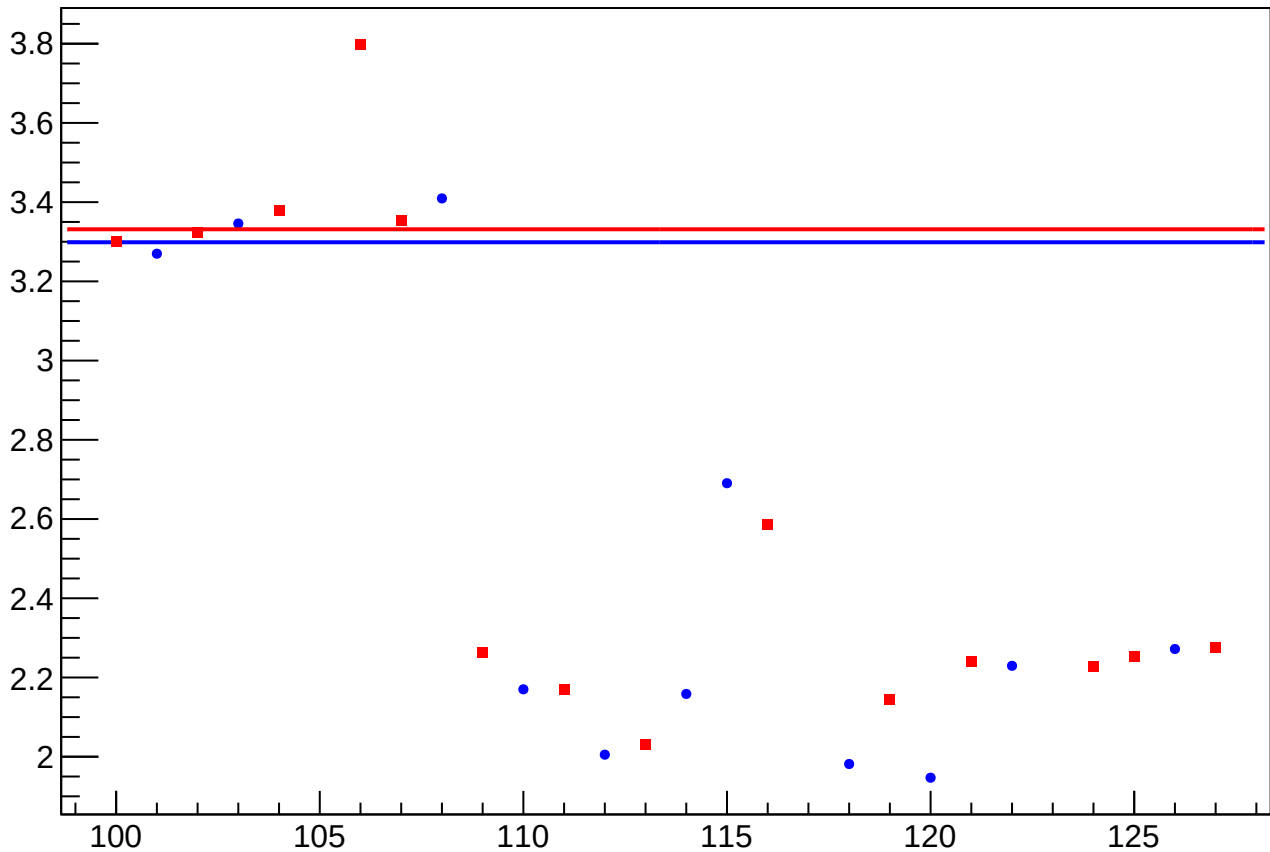
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 11436058.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l03Y_mean vs Slug



Right In: 3.299 $\pm$ 0.000 χ^2 /NDF: 440151157.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.332 $\pm$ 0.000 χ^2 /NDF: 630633669.9/13

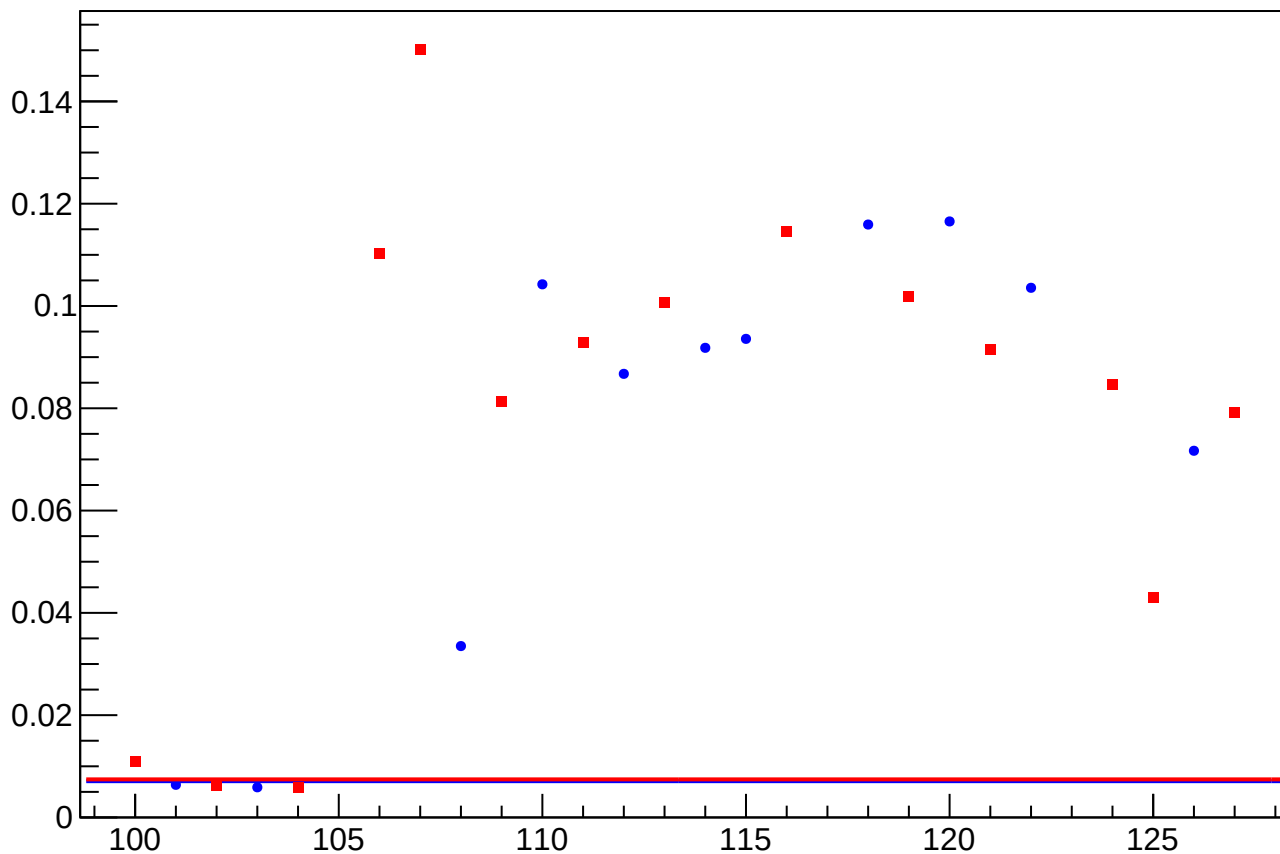
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.315 $\pm$ 0.000 χ^2 /NDF: 1086719475.9/24

- 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 : 4740556.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 6439391.9/13

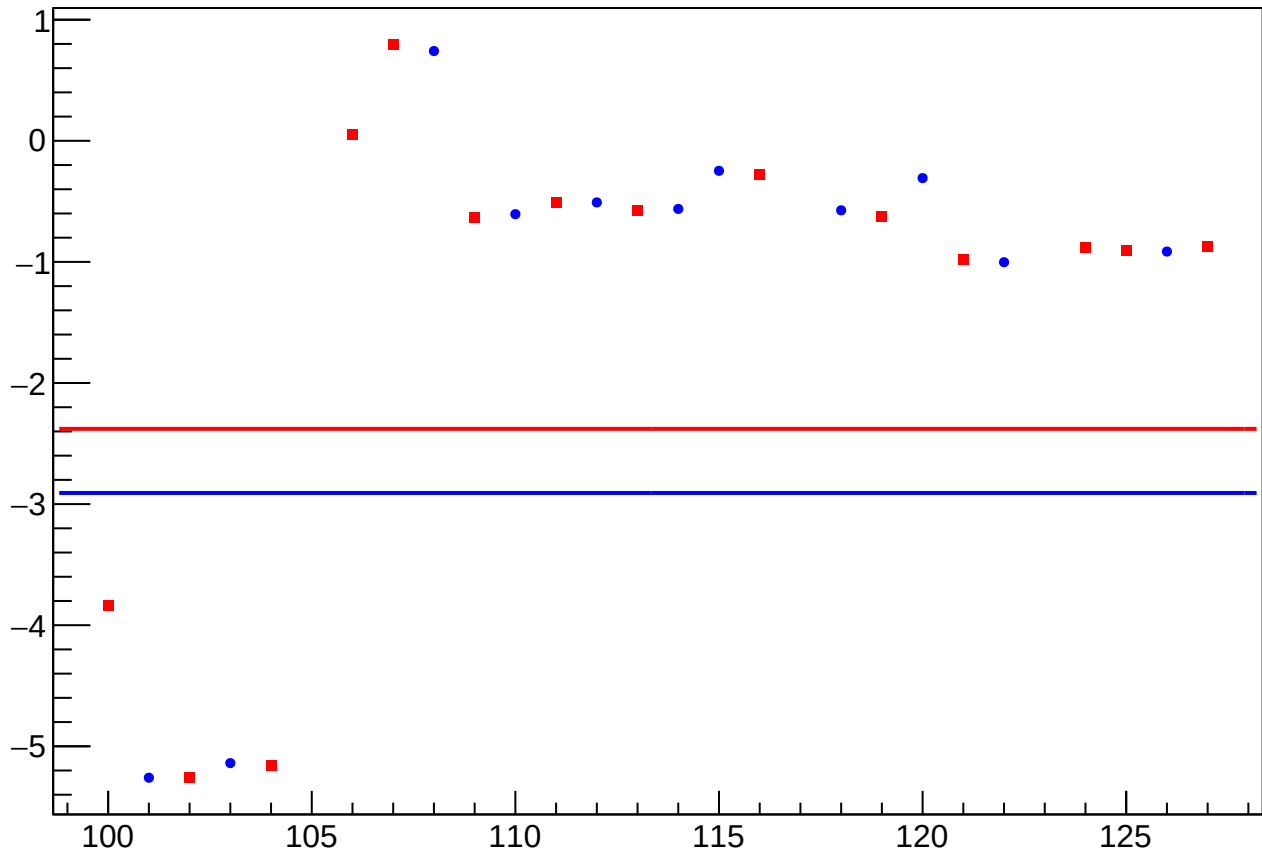
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 11183566.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04X_mean vs Slug



Right In: -2.908+/-0.000 χ^2/NDF : 97823804183.6/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.379+/-0.000 χ^2/NDF : 112302720169.5/13

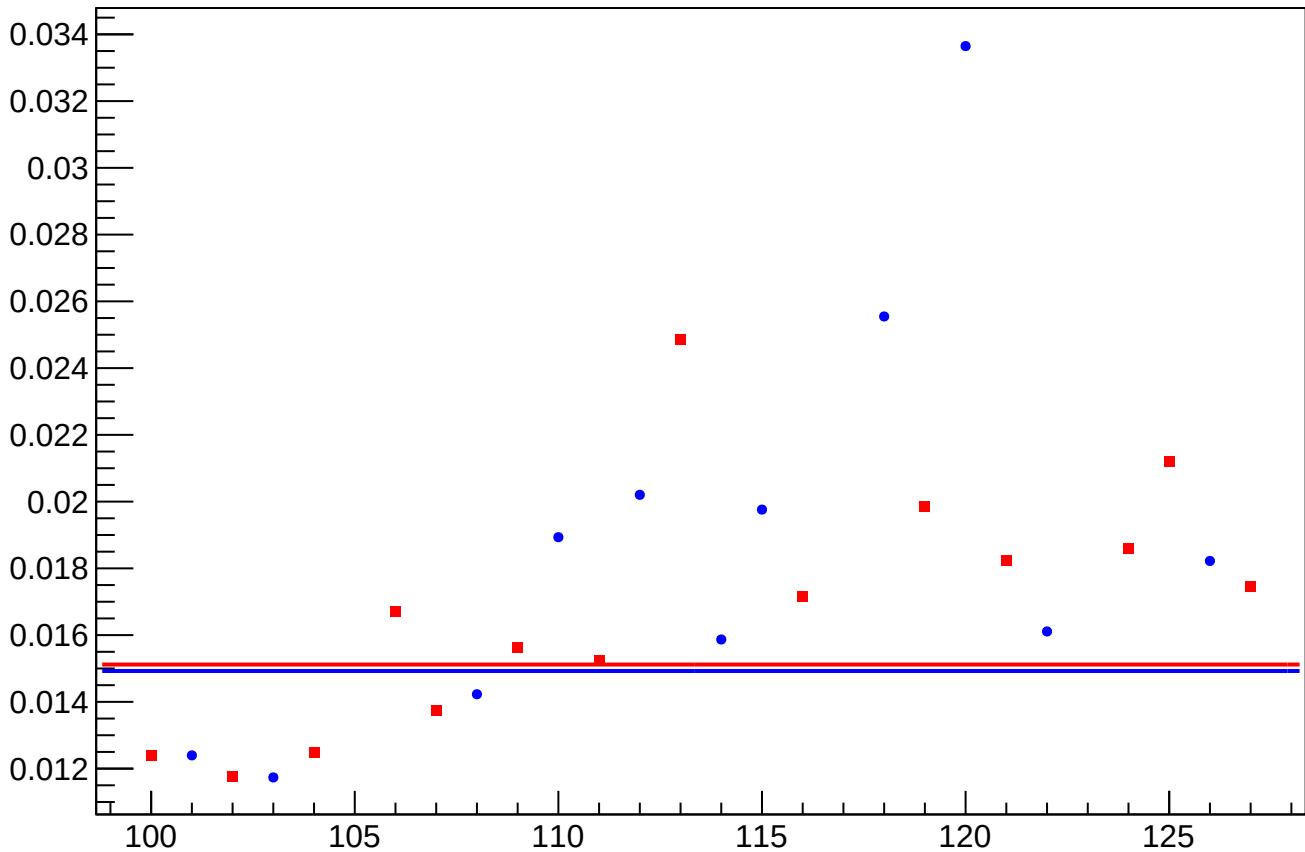
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.612+/-0.000 χ^2/NDF : 212655605549.5

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04X_rms vs Slug



Right In: 0.015+/-0.000 χ^2/NDF : 575825.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 423259.5/13

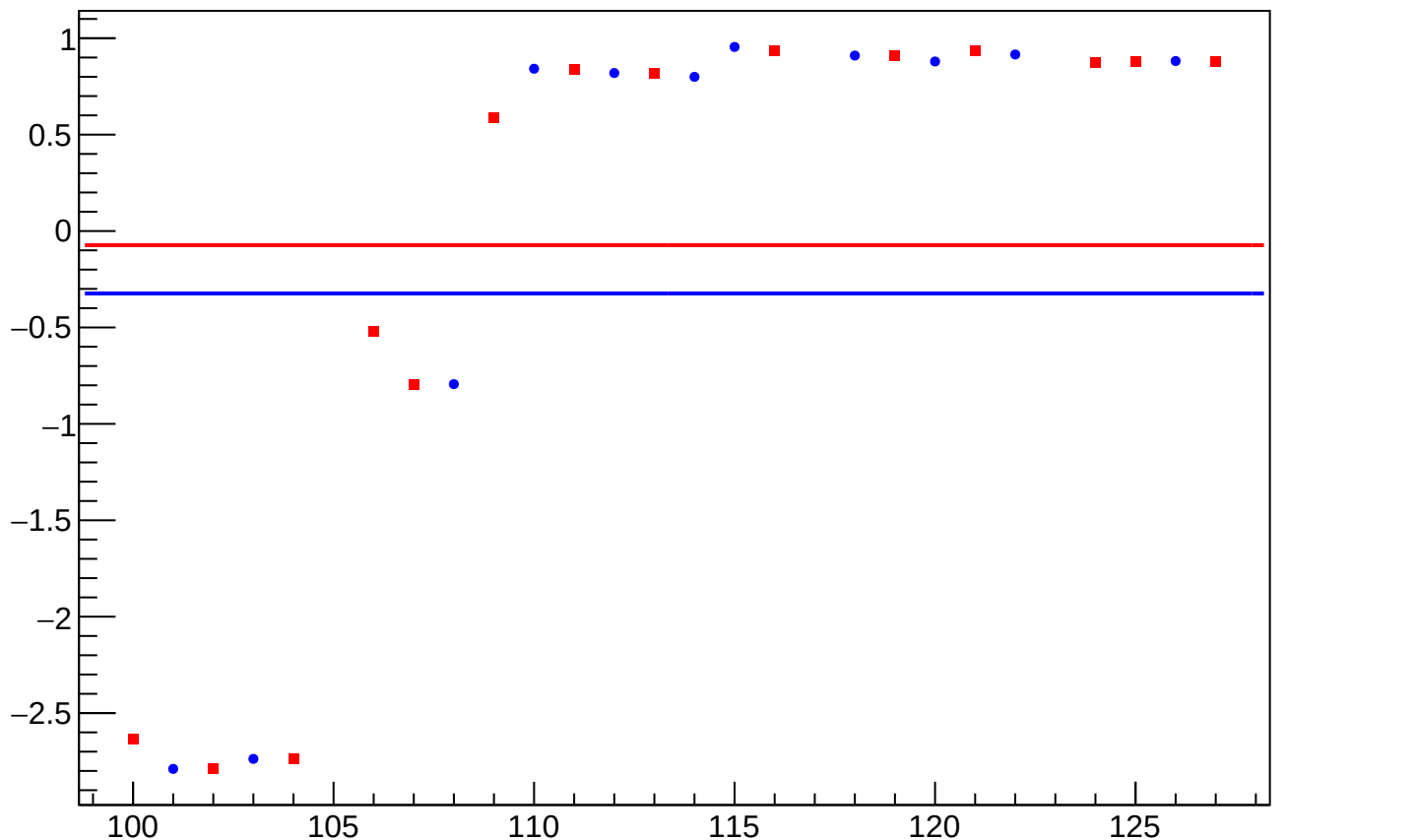
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 999759.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04Y_mean vs Slug



Right In: -0.324+/-0.000 χ^2/NDF : 746442751930.6/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

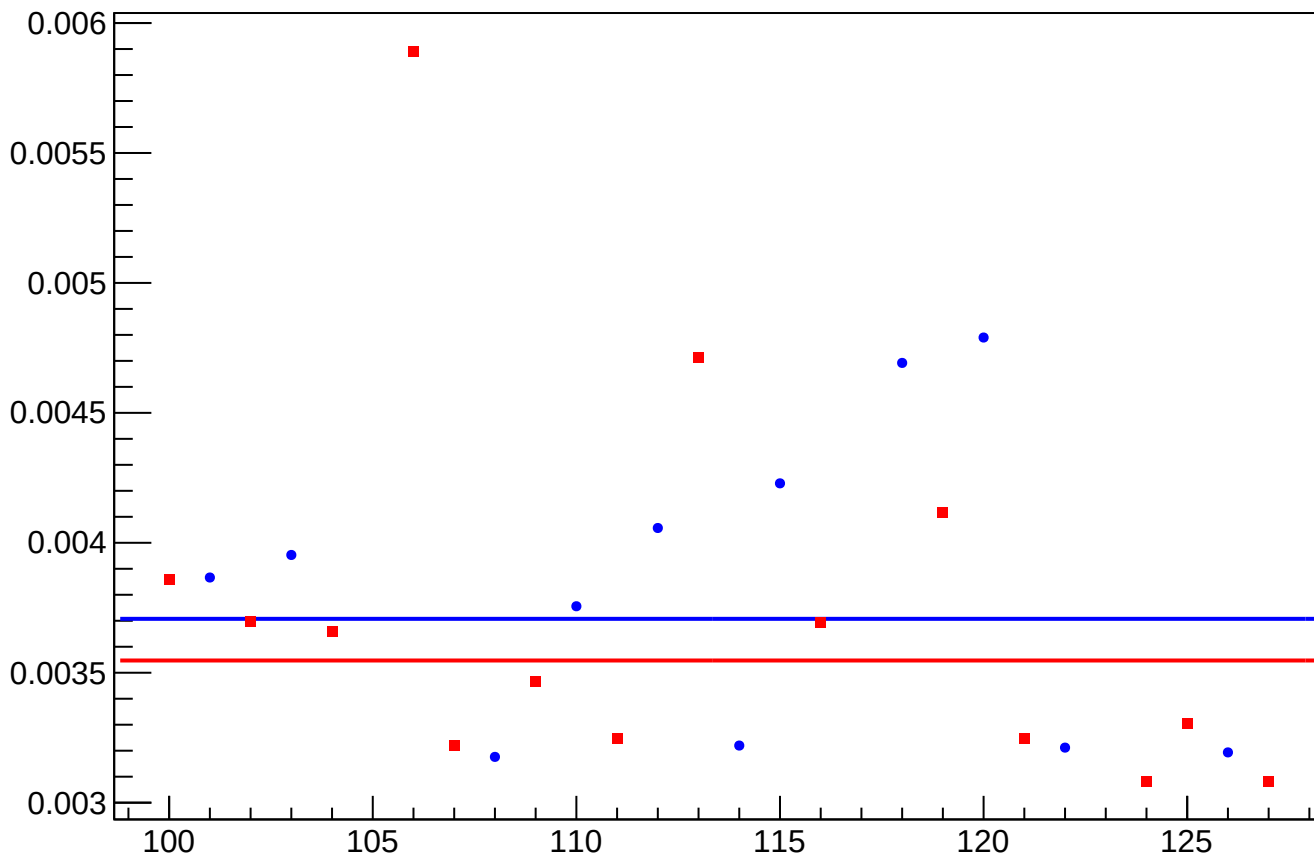
Right Out: -0.073+/-0.000 χ^2/NDF : 899328946182.0/13

All: -0.179+/-0.000 χ^2/NDF : 1656548149204

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 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: 156667.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 214091.7/13

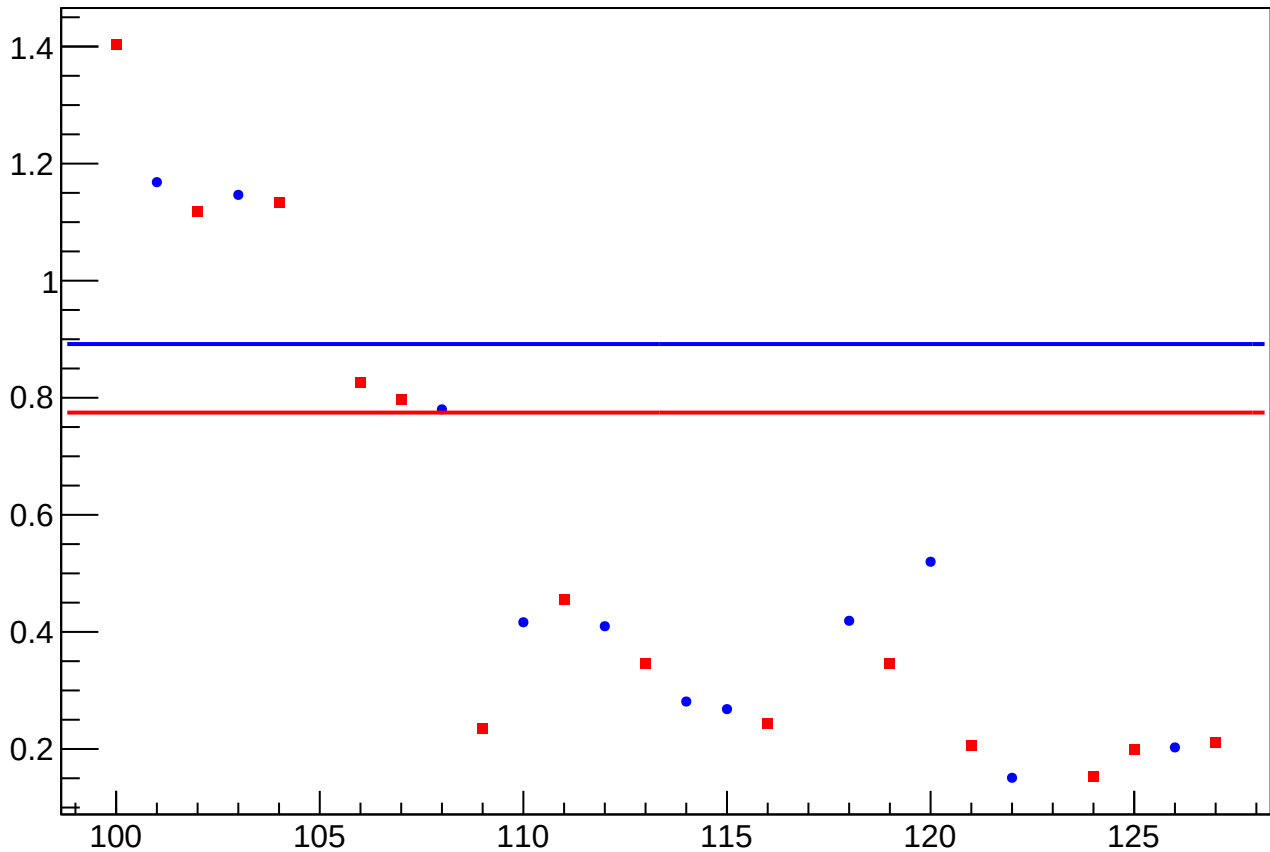
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.000 χ^2 /NDF: 379595.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l05X_mean vs Slug



Right In: 0.892 $\pm$ 0.000 χ^2 /NDF: 16182206670.5/10

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

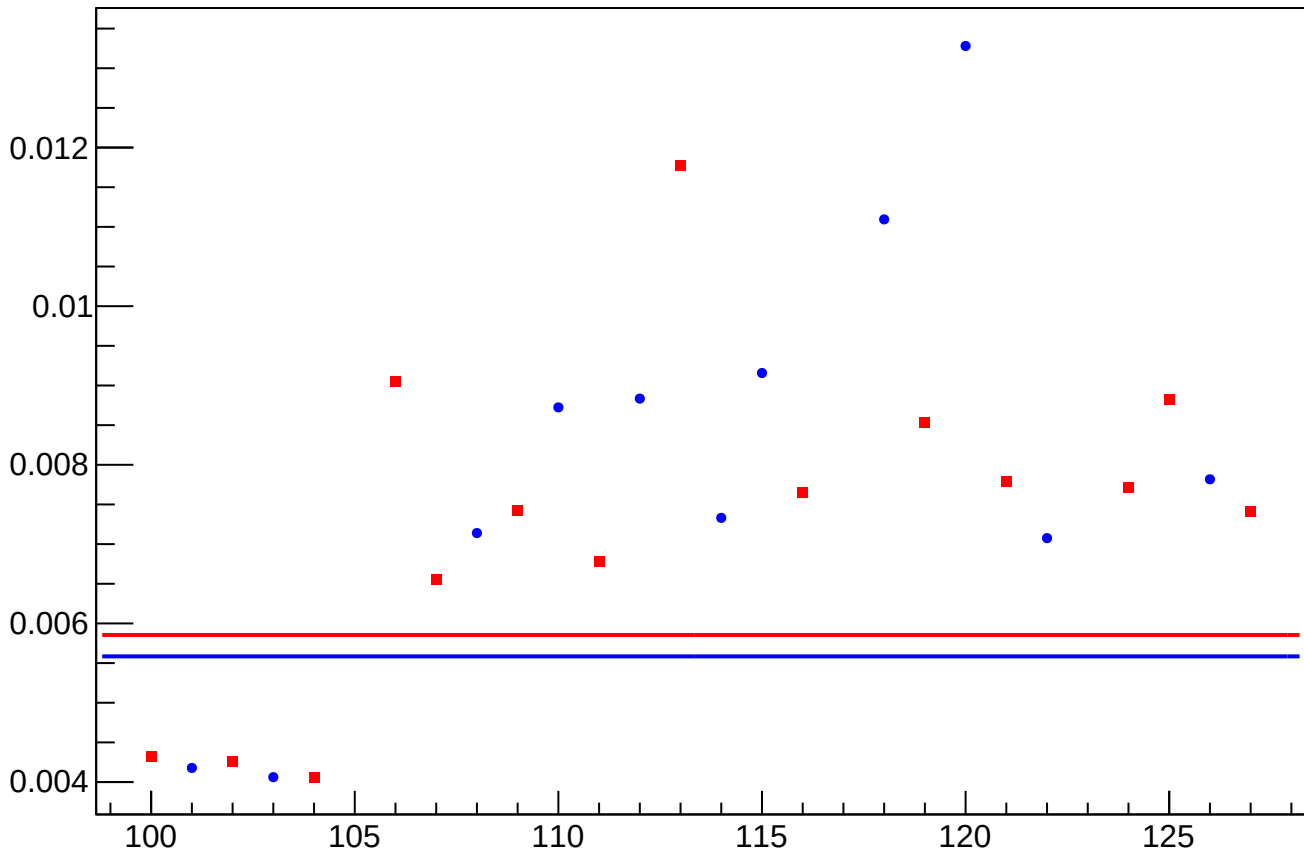
Right Out: 0.775 $\pm$ 0.000 χ^2 /NDF: 22114289886.0/13

All: 0.829 $\pm$ 0.000 χ^2 /NDF: 39099008573.3/2

- 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_bpm0l05X_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 1067884.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 966638.9/13

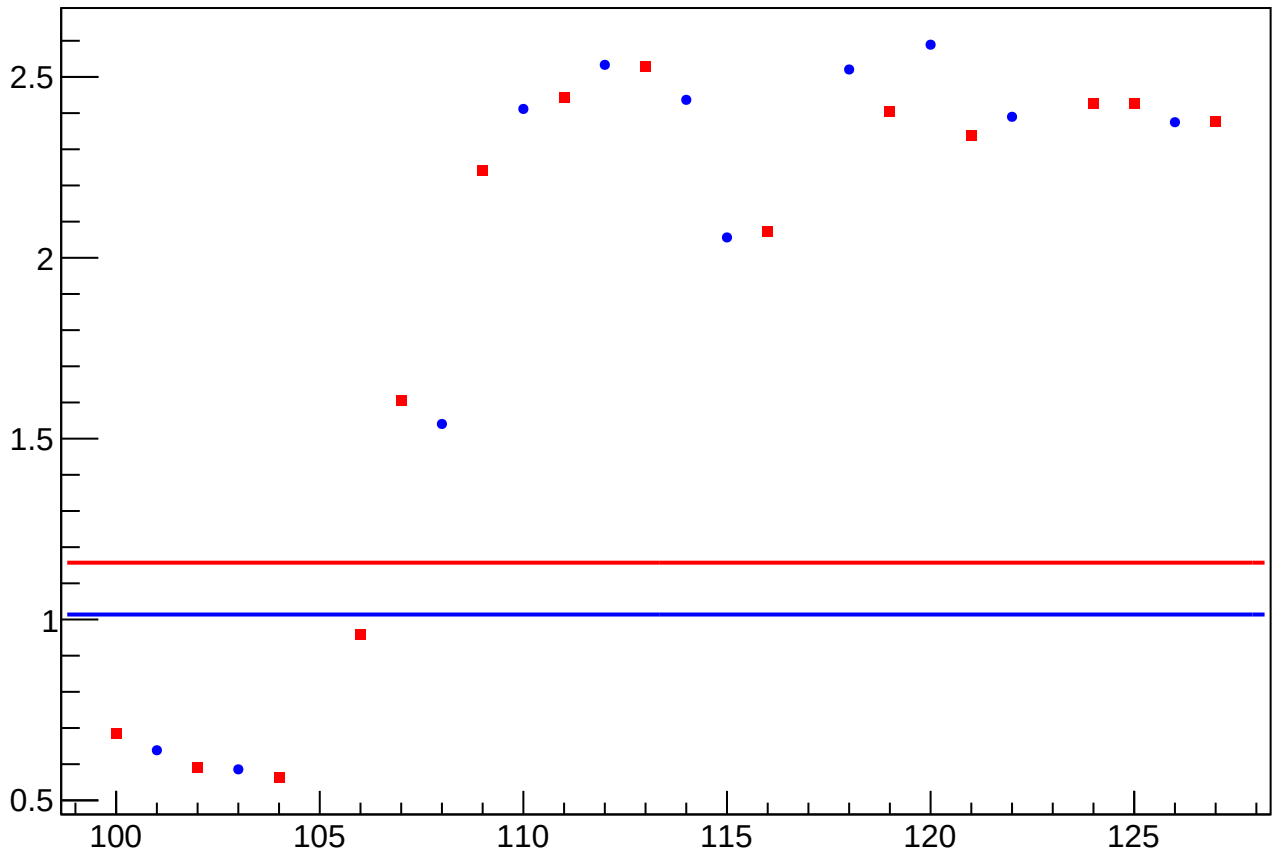
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 2043055.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l05Y_mean vs Slug



Right In: 1.014+/-0.000 χ^2/NDF : 60826297993.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.157+/-0.000 χ^2/NDF : 88905667407.5/13

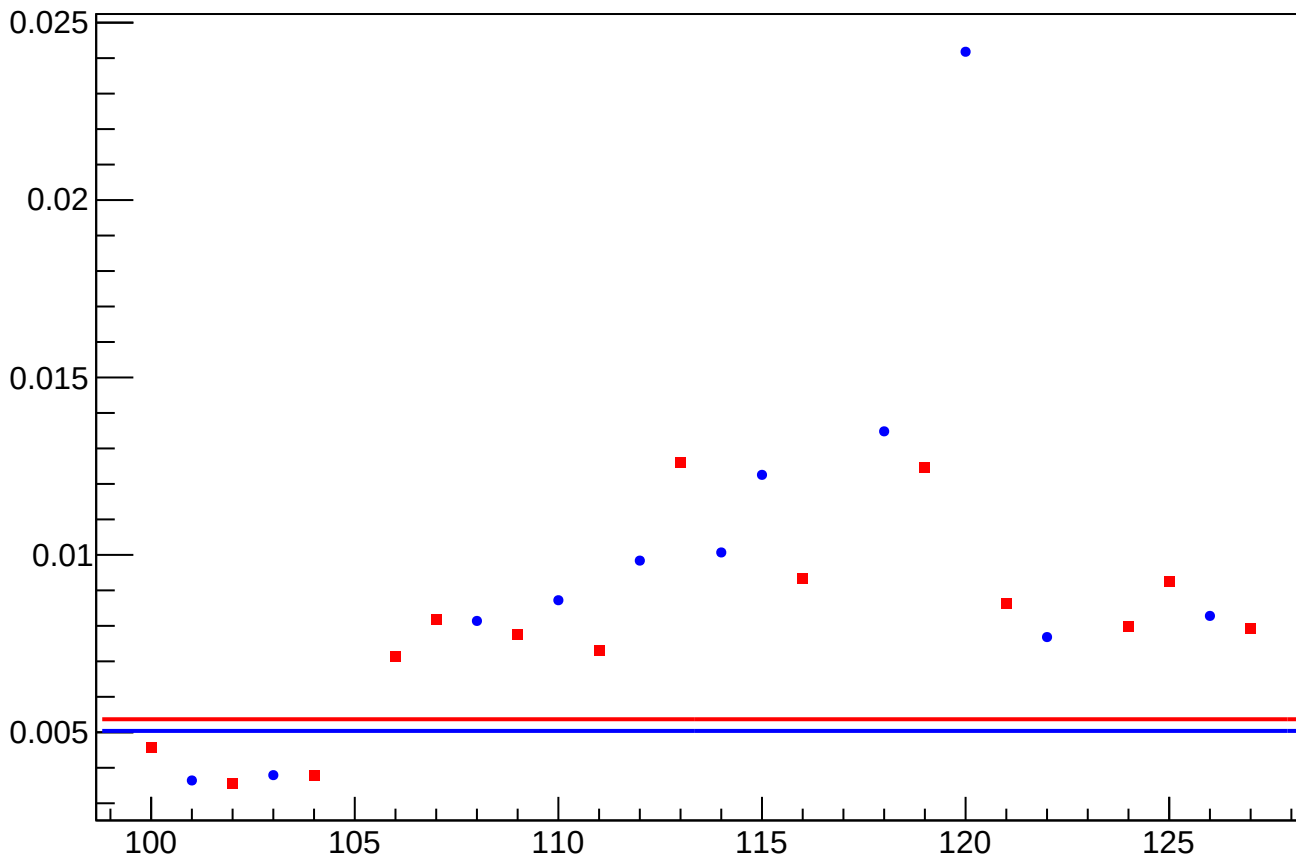
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.091+/-0.000 χ^2/NDF : 151015089568.2

- 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 : 1630446.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1598973.8/13

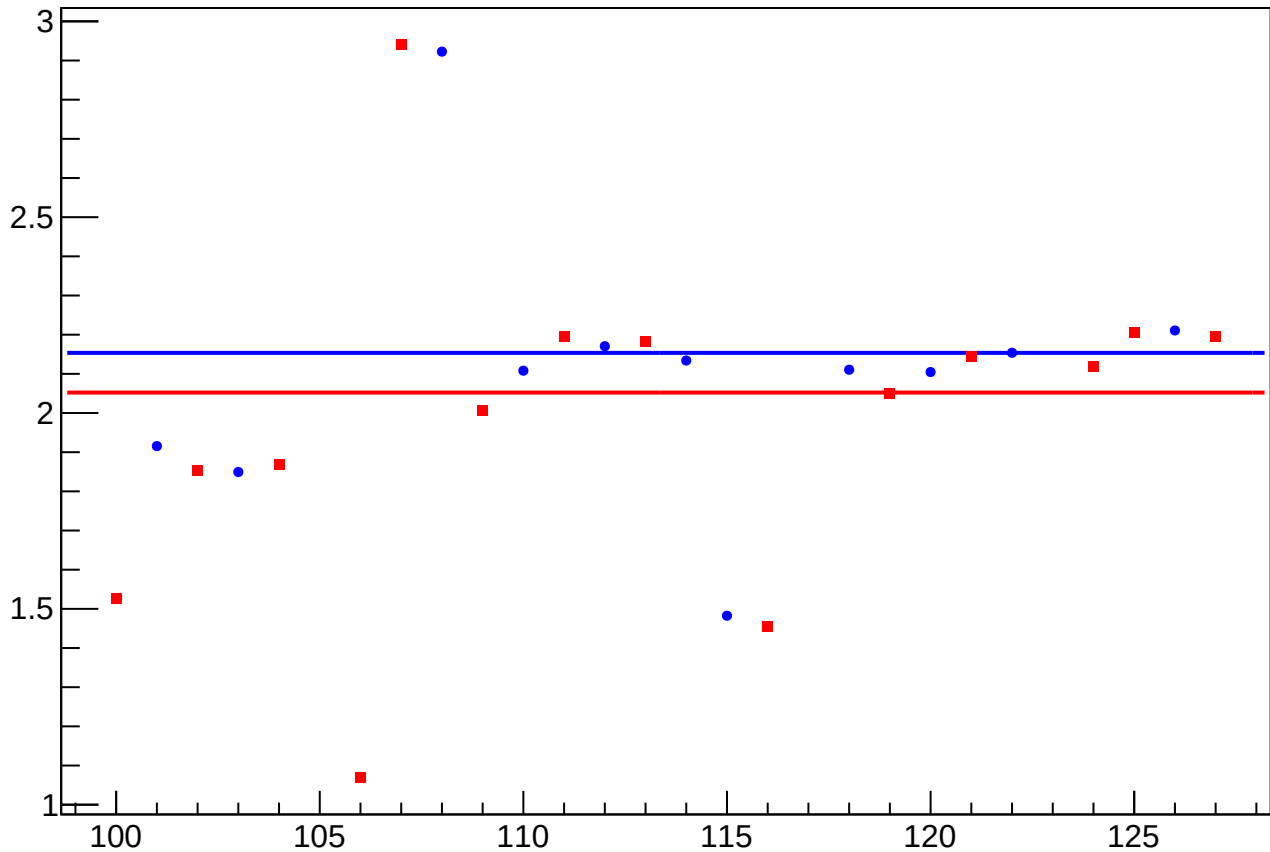
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 3242939.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l06X_mean vs Slug



Right In: 2.154+/-0.000 χ^2/NDF : 9046528053.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.052+/-0.000 χ^2/NDF : 13849670018.6/13

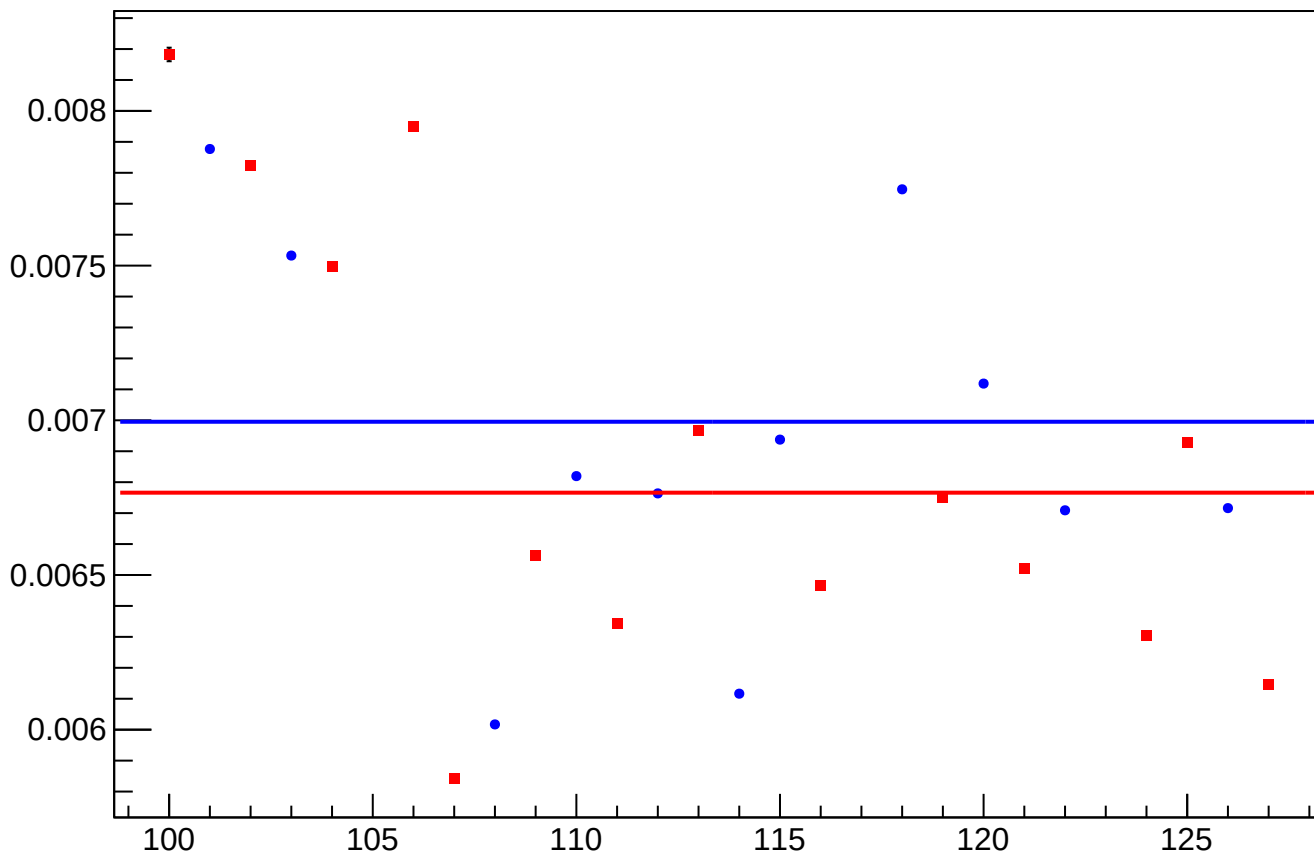
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.096+/-0.000 χ^2/NDF : 23401798560.0/2

- 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 : 59780.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 80017.8/13

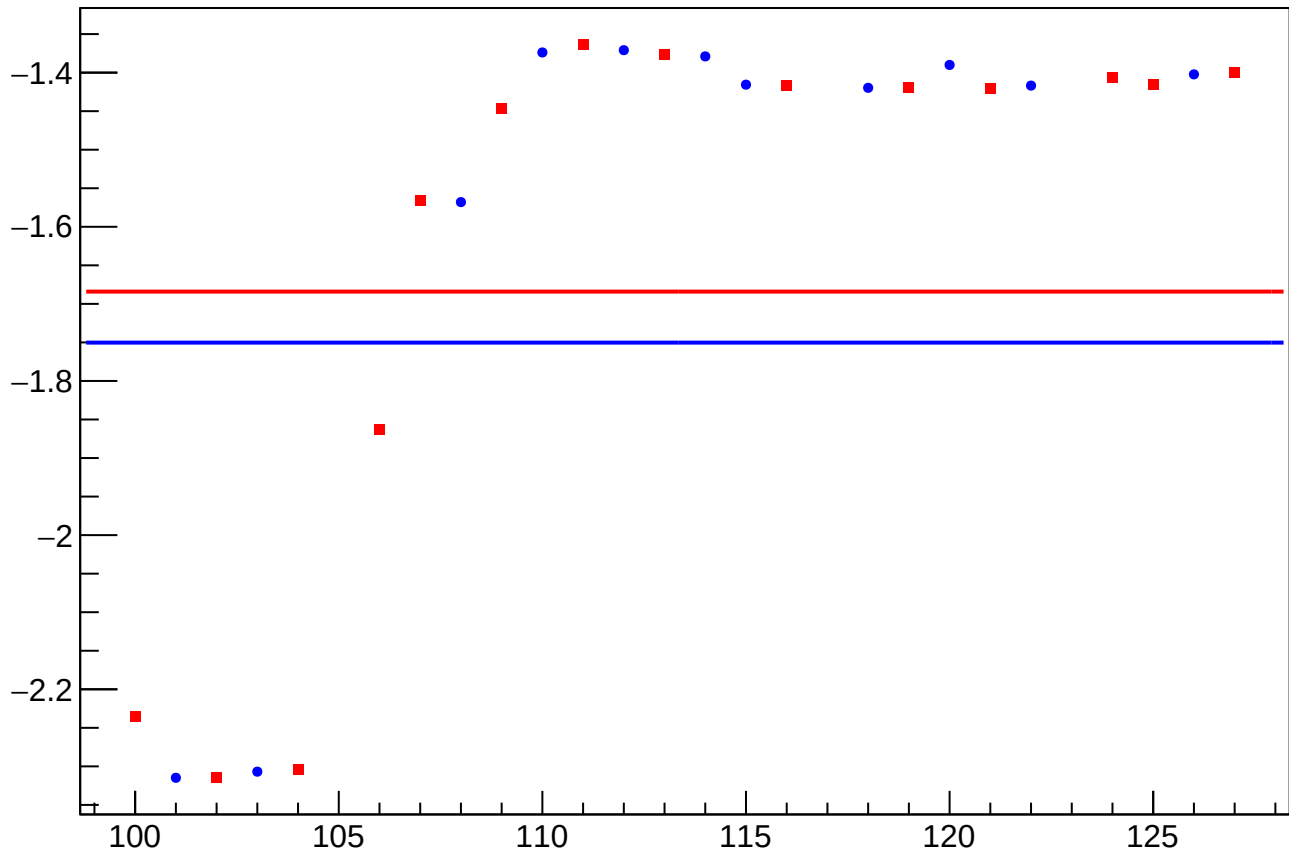
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 144971.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l06Y_mean vs Slug



Right In: -1.750+/-0.000 χ^2/NDF : 105517680501.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.684+/-0.000 χ^2/NDF : 115818163093.2/13

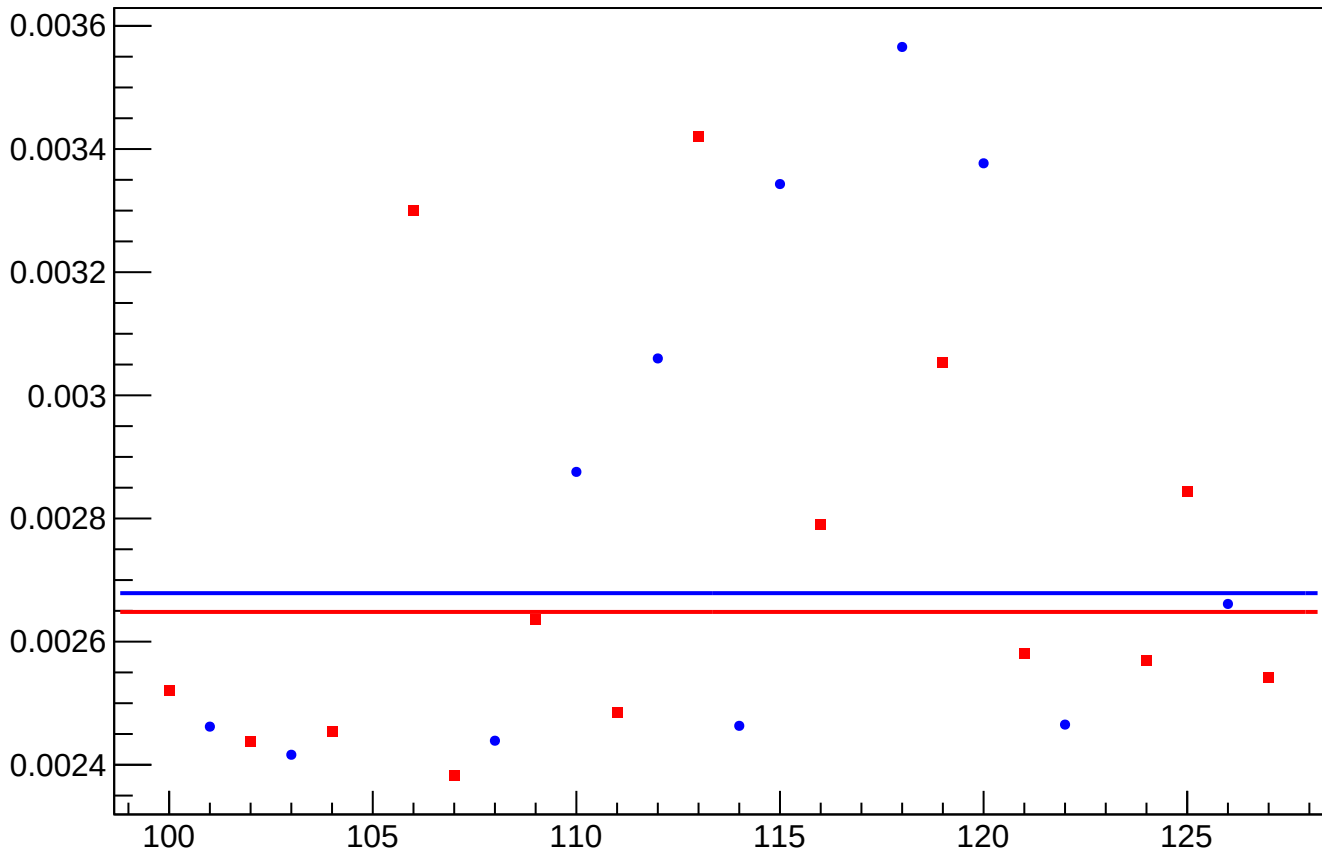
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.713+/-0.000 χ^2/NDF : 222745127017.3

- 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 : 150584.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 113560.6/13

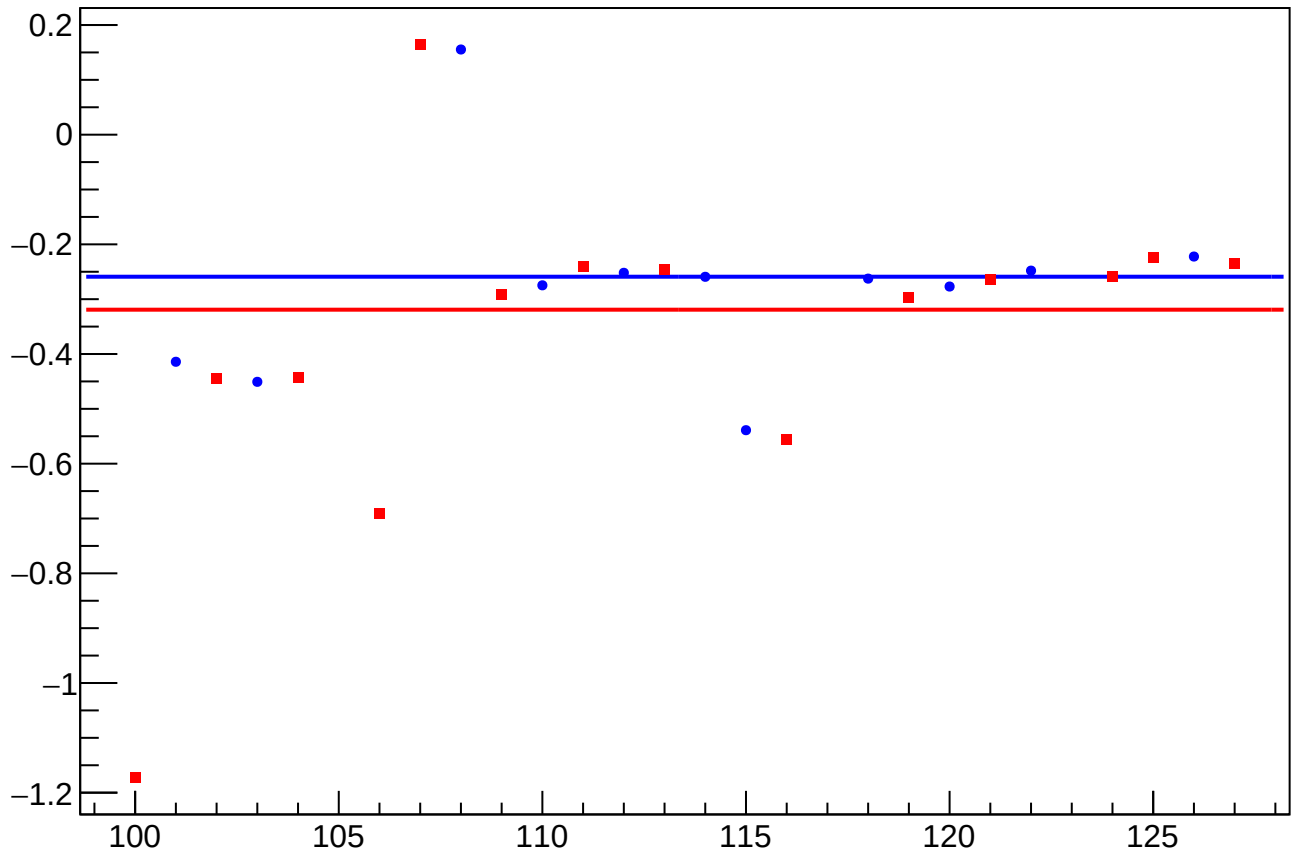
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 264743.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l07X_mean vs Slug



Right In: -0.259+/-0.000 χ^2/NDF : 949156332.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.319+/-0.000 χ^2/NDF : 1627902699.5/13

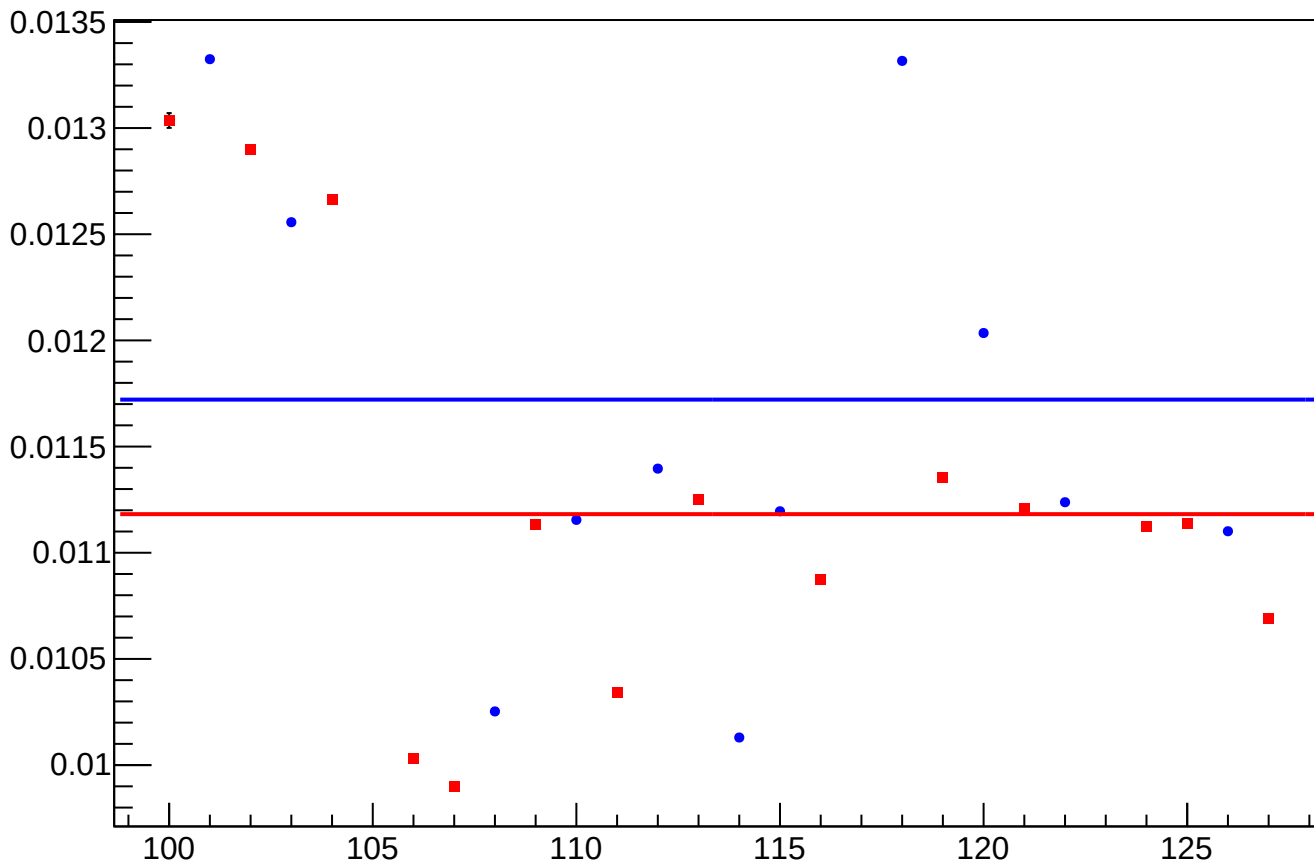
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.294+/-0.000 χ^2/NDF : 2642549377.6/2

- 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: 67116.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 63555.9/13

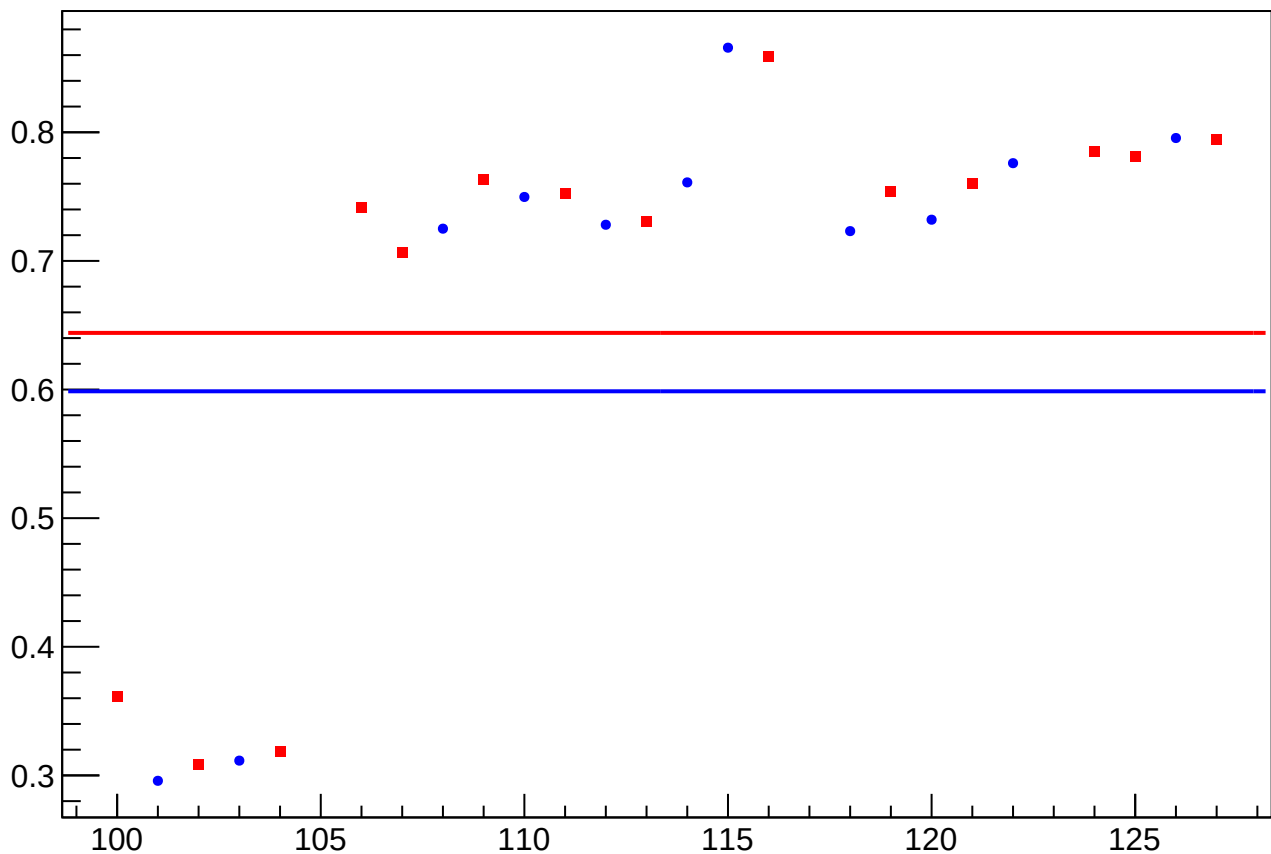
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.011 $\pm$ 0.000 χ^2 /NDF: 141208.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l07Y_mean vs Slug



Right In: 0.599+/-0.000 χ^2/NDF : 29015319936.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.644+/-0.000 χ^2/NDF : 31430529229.8/13

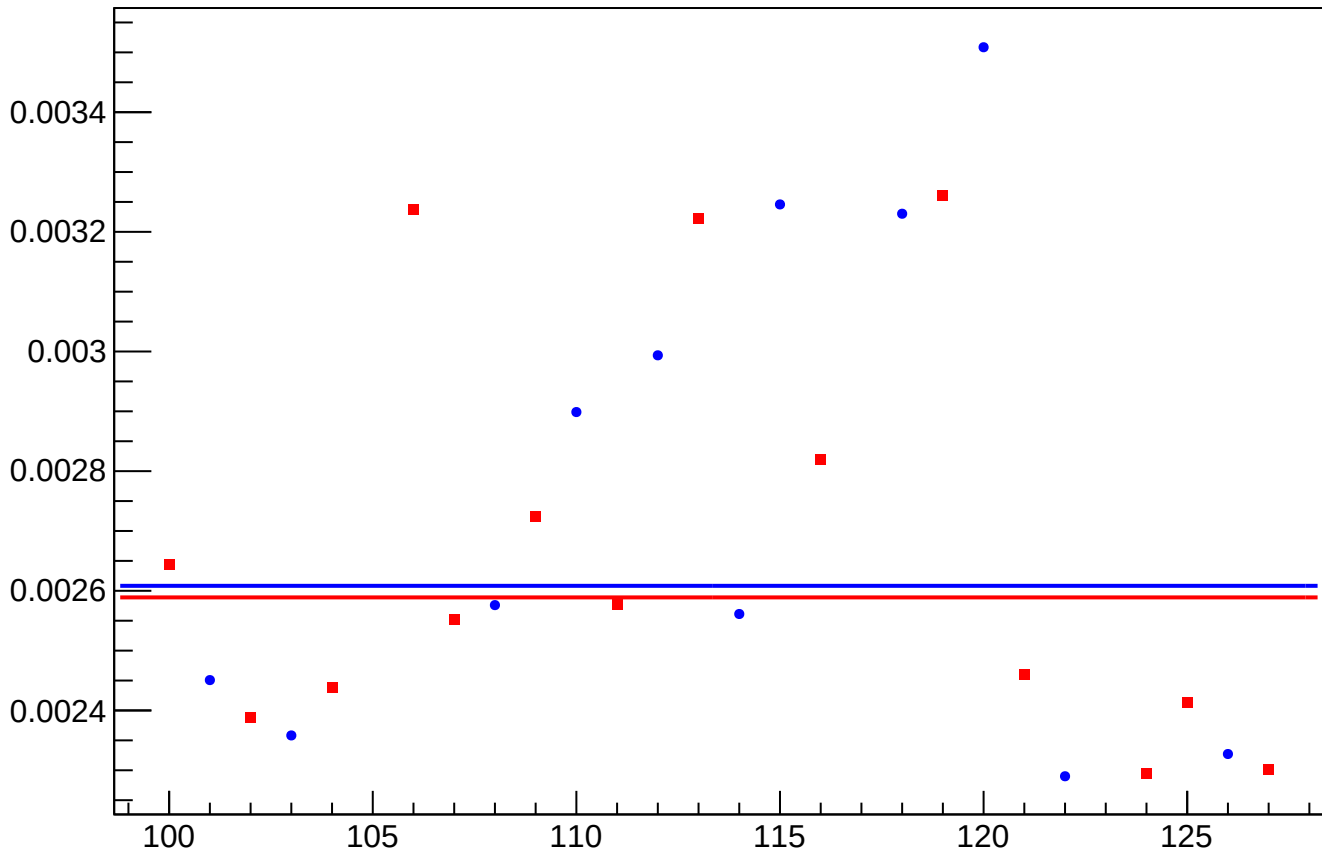
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.624+/-0.000 χ^2/NDF : 61145709426.0/2

- 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 : 155171.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 139541.8/13

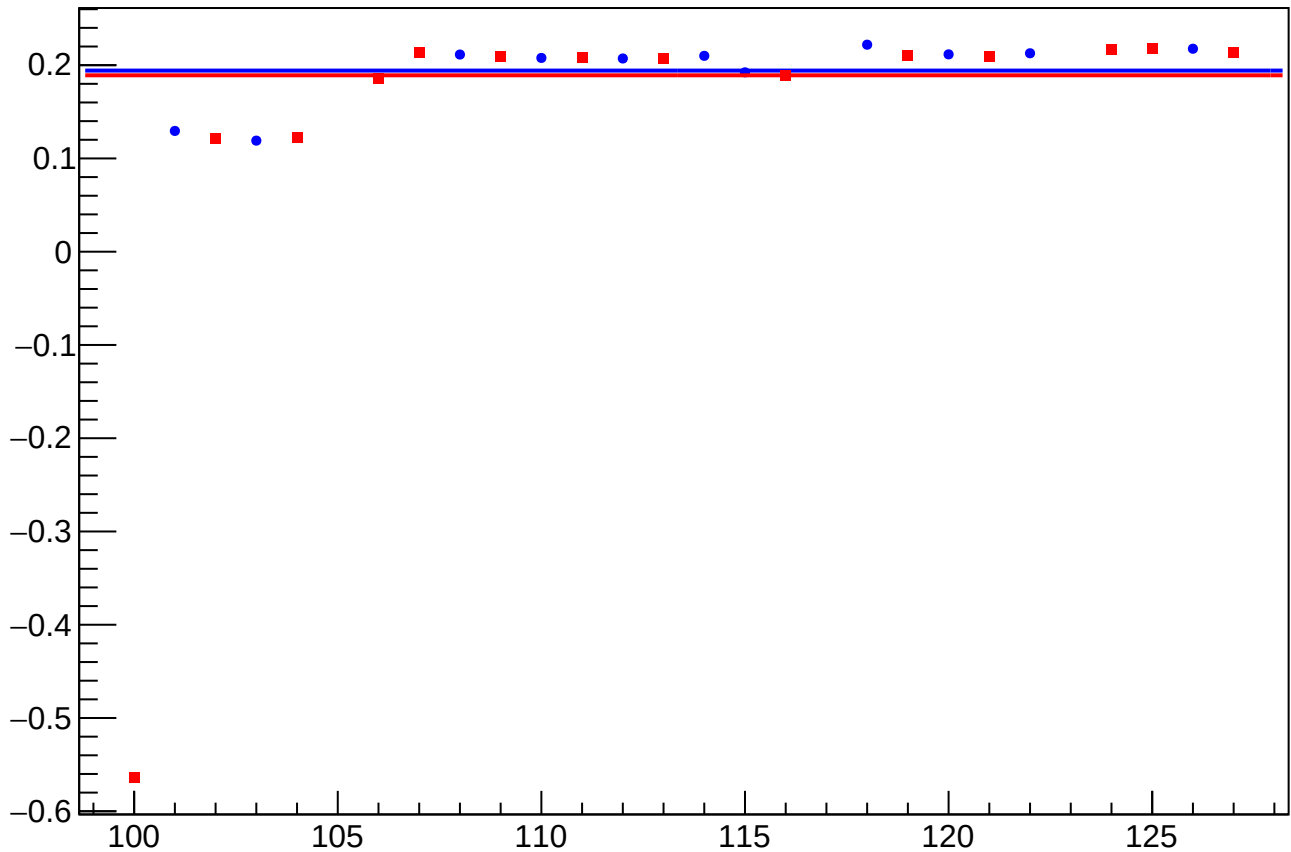
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 294967.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l08X_mean vs Slug



Right In: 0.194+/-0.000 χ^2/NDF : 52569803.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.189+/-0.000 χ^2/NDF : 342880598.5/13

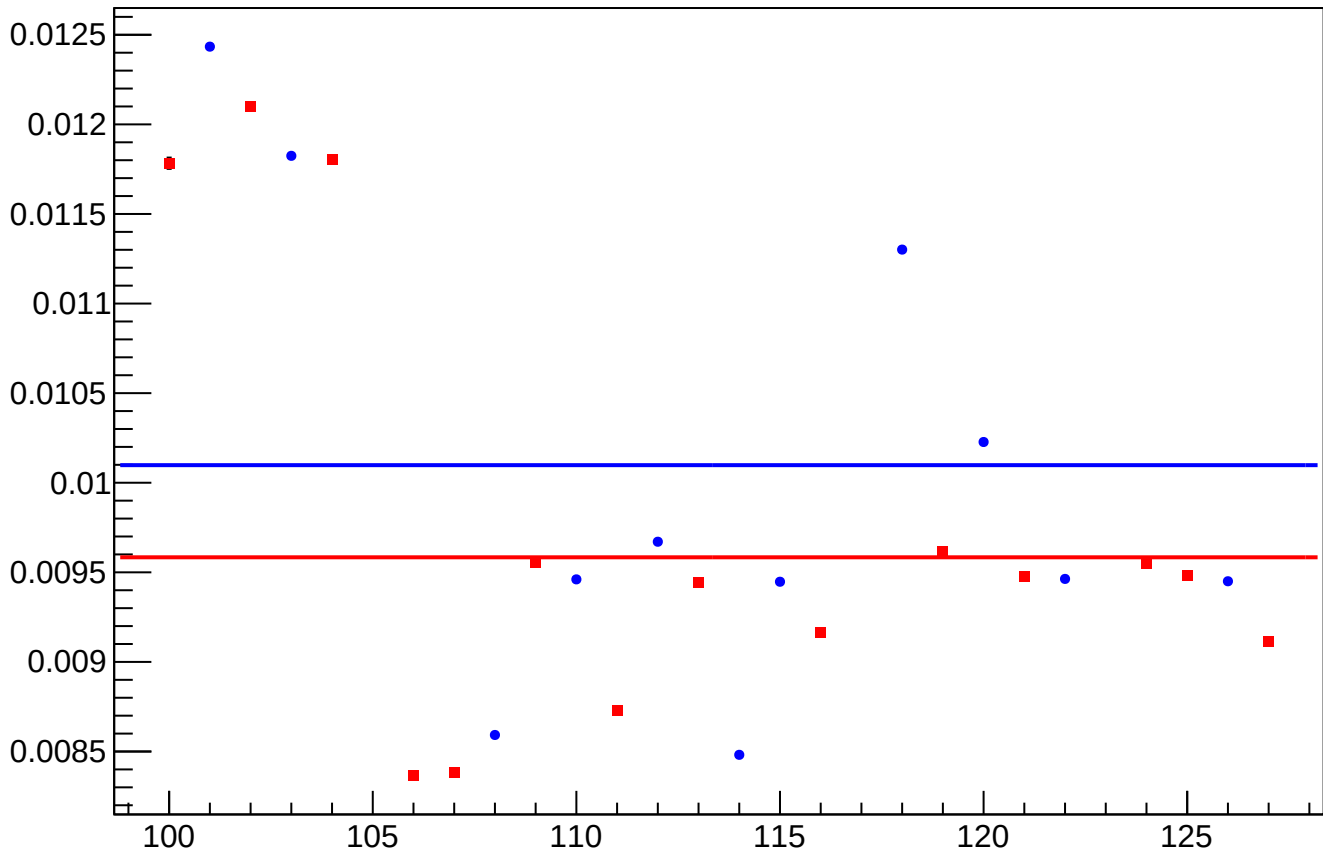
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.191+/-0.000 χ^2/NDF : 396072056.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l08X_rms vs Slug



Right In: 0.010+/-0.000 χ^2/NDF : 127217.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 129960.1/13

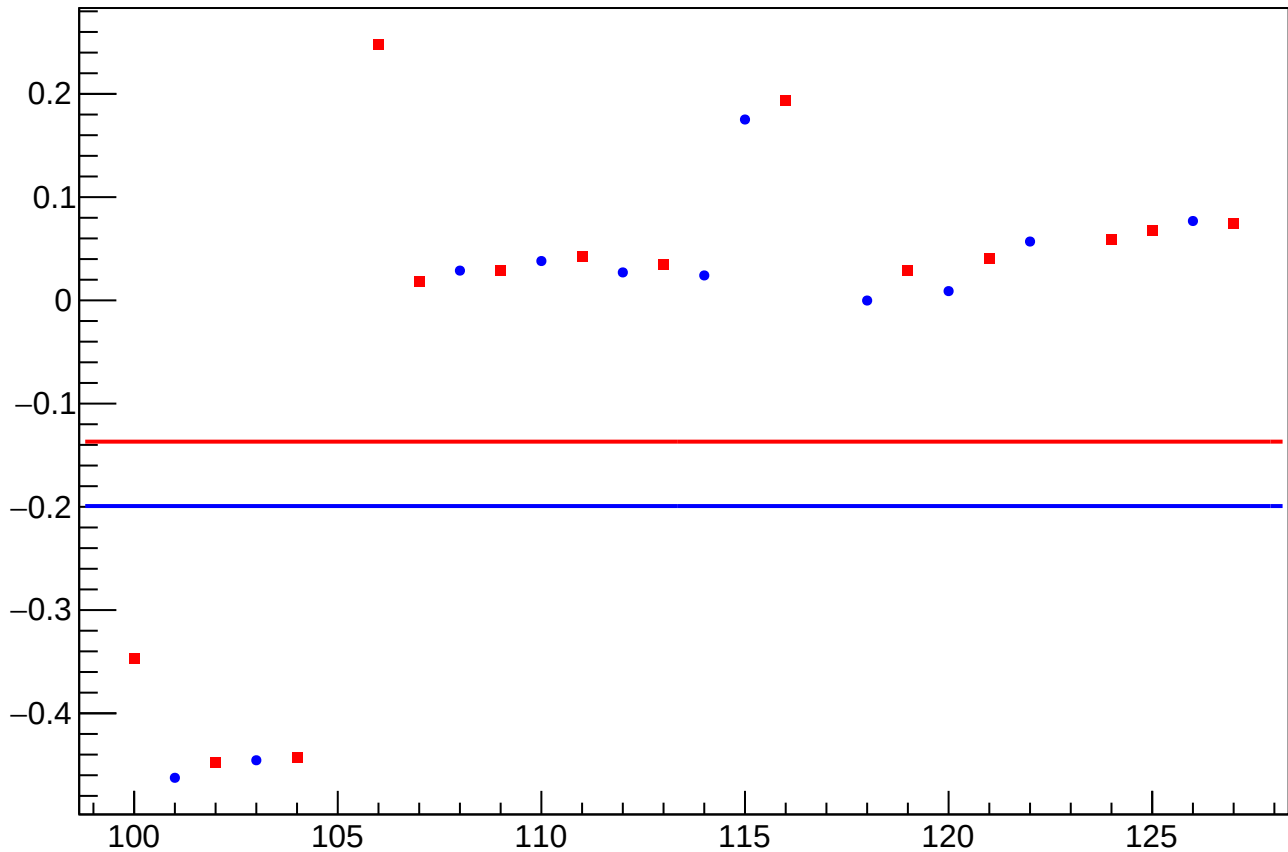
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 270022.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l08Y_mean vs Slug



Right In: -0.199+/-0.000 χ^2/NDF : 12149236351.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.137+/-0.000 χ^2/NDF : 14400015968.4/13

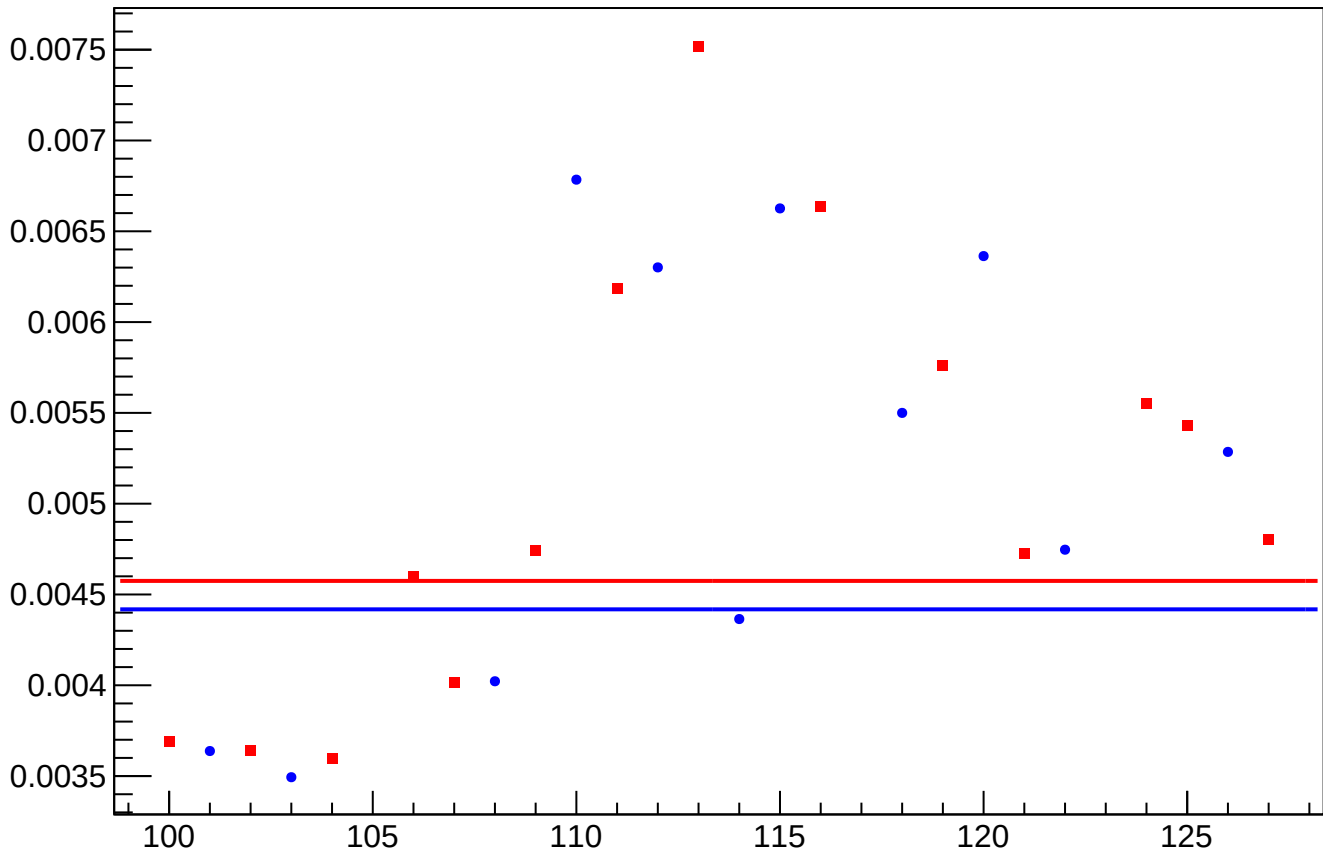
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.166+/-0.000 χ^2/NDF : 26963614494.0/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l08Y_rms vs Slug



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 452900.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.000 χ^2 /NDF: 481318.7/13

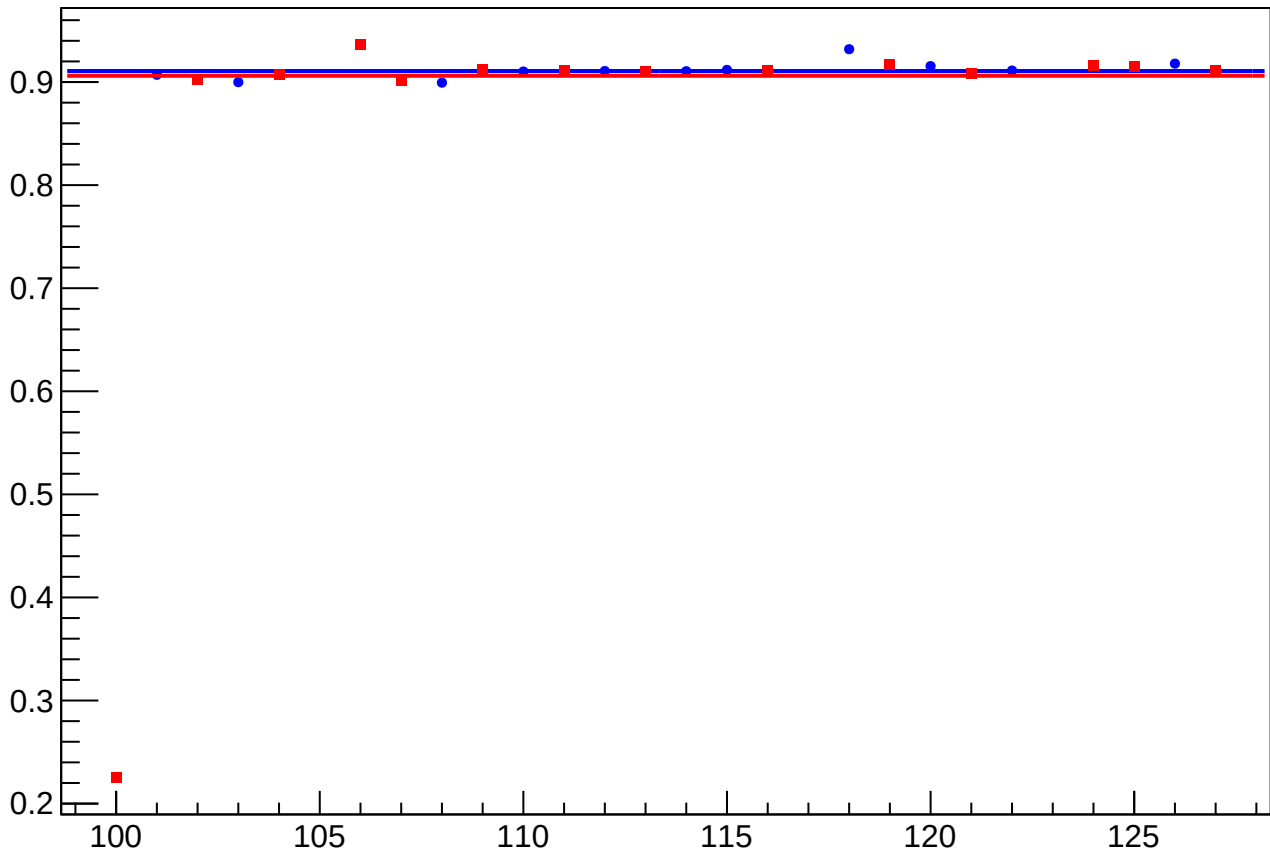
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.005 $\pm$ 0.000 χ^2 /NDF: 939436.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l09X_mean vs Slug



Right In: 0.911+/-0.000 χ^2/NDF : 2574724.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.906+/-0.000 χ^2/NDF : 218234809.7/13

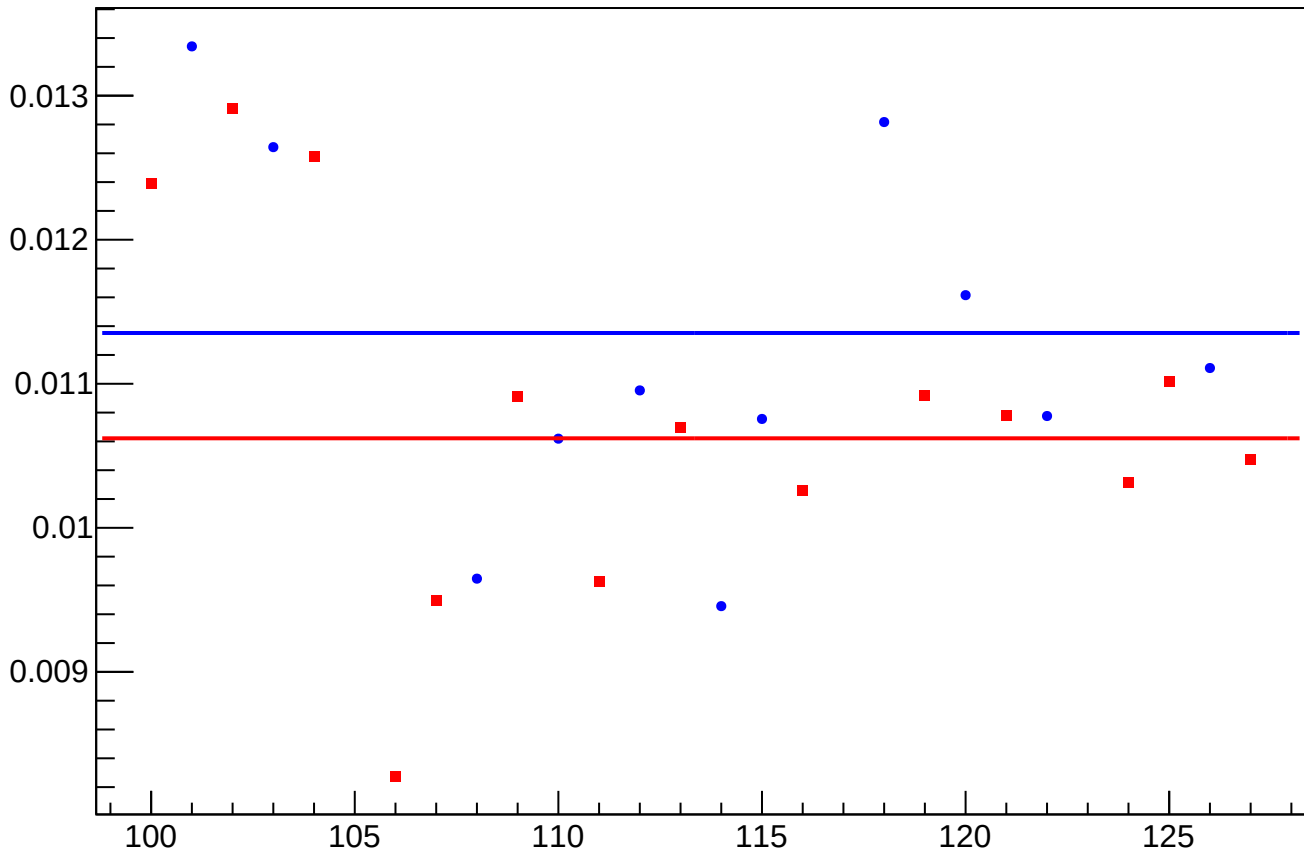
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.908+/-0.000 χ^2/NDF : 221219865.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l09X_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF : 95097.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 136491.9/13

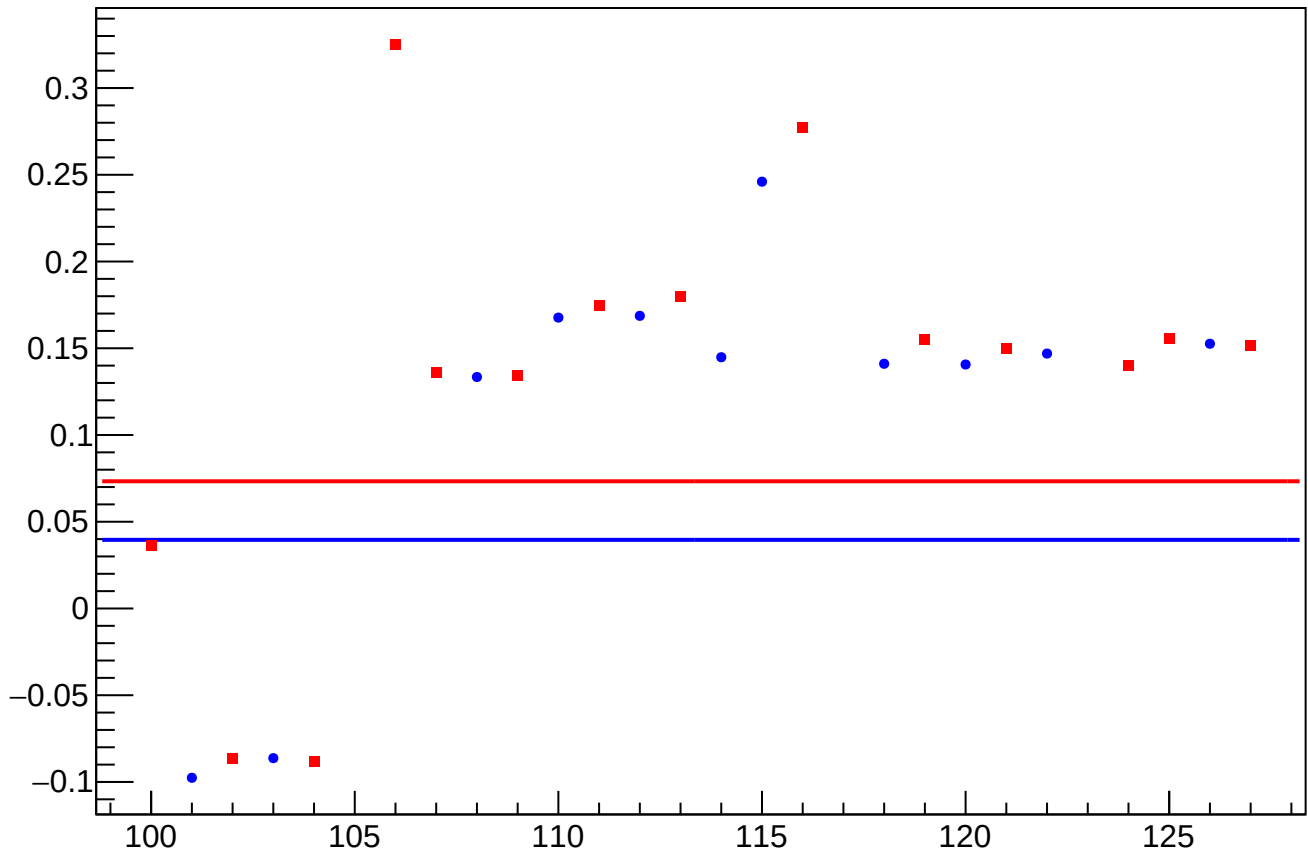
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 252375.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l09Y_mean vs Slug



Right In: 0.040+/-0.000 χ^2/NDF : 2517463539.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.073+/-0.000 χ^2/NDF : 3242476792.0/13

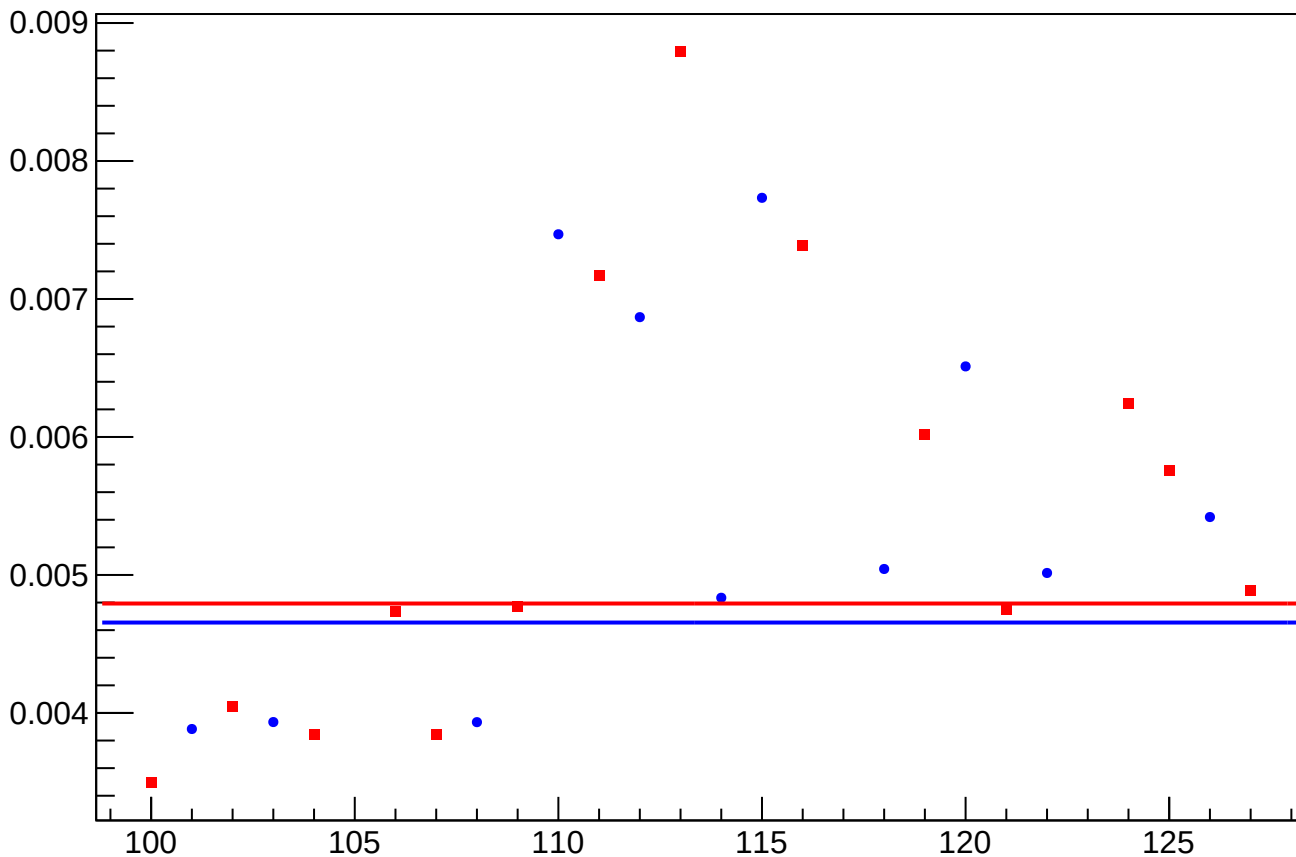
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.058+/-0.000 χ^2/NDF : 5865806489.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l09Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 403960.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 543456.1/13

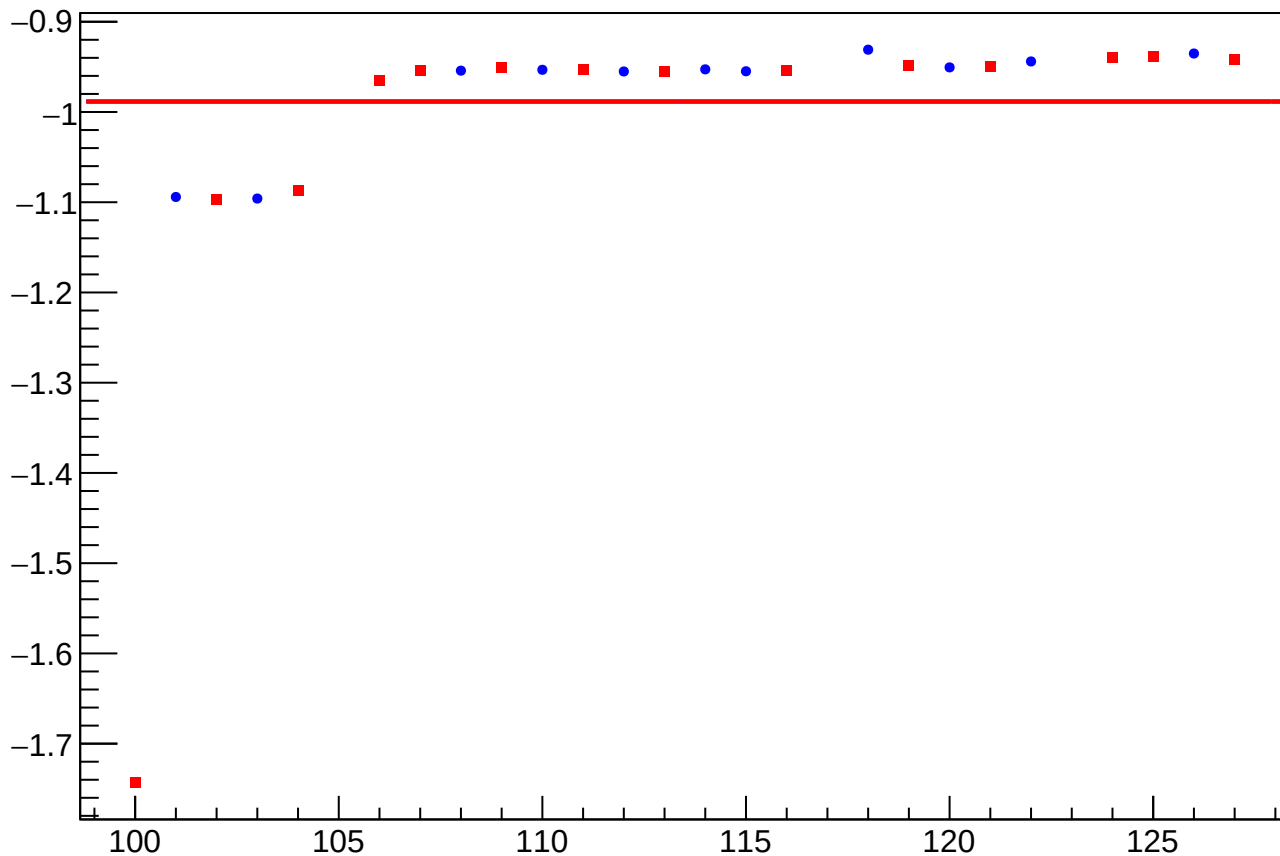
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 950947.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l10X_mean vs Slug



Right In: -0.989+/-0.000 χ^2/NDF : 128072220.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

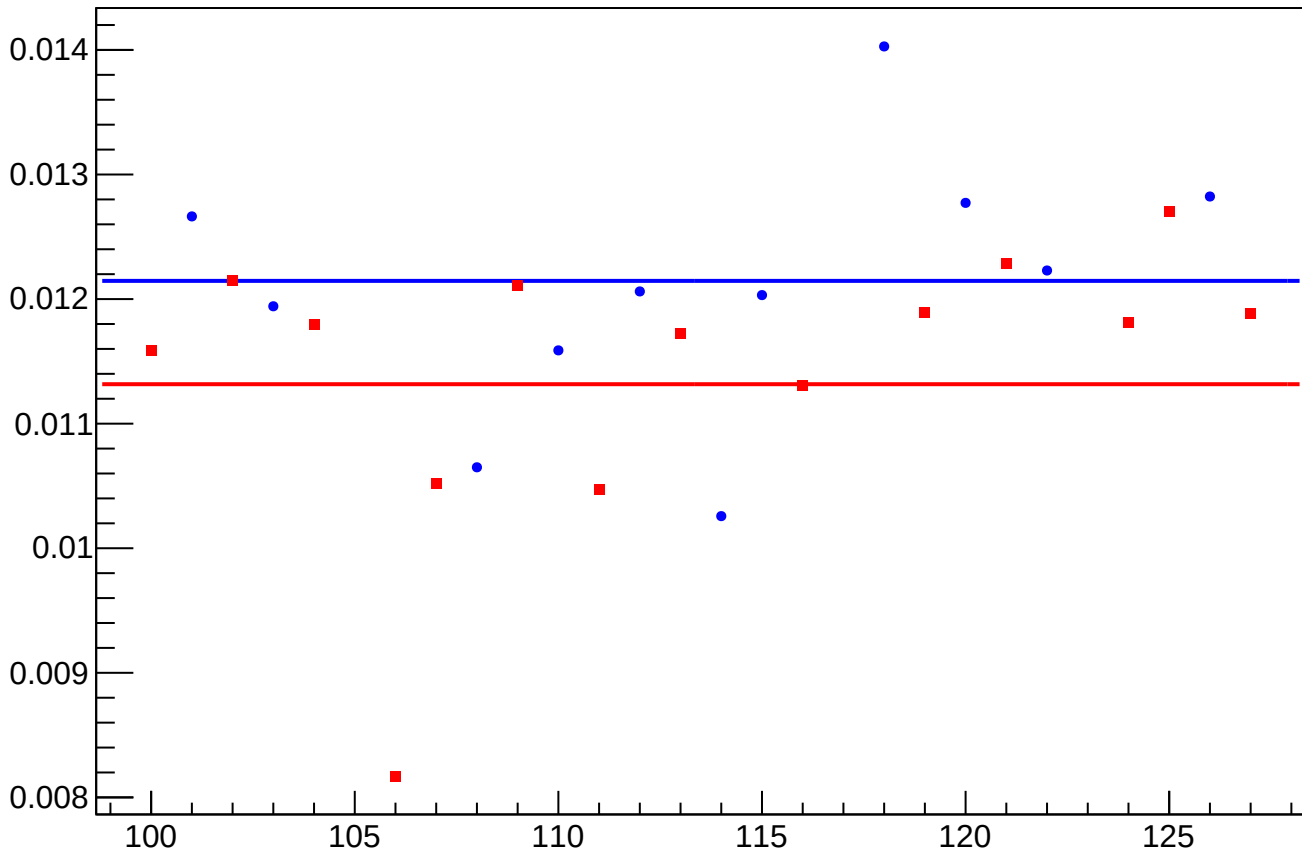
Right Out: -0.988+/-0.000 χ^2/NDF : 431151663.9/13

All: -0.988+/-0.000 χ^2/NDF : 559228572.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l10X_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF : 48419.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 133133.5/13

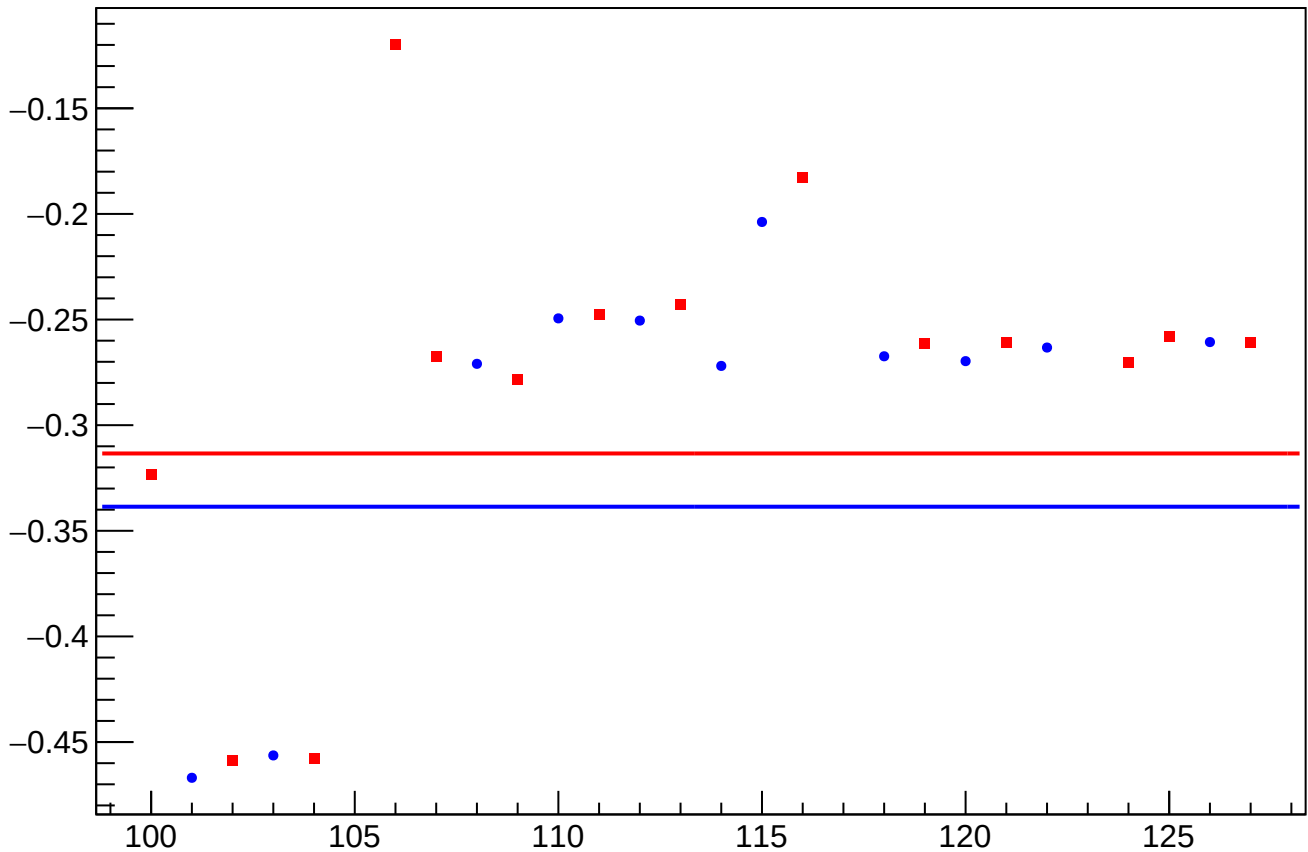
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 204991.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l10Y_mean vs Slug



Right In: -0.339+/-0.000 χ^2/NDF : 2236900861.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.313+/-0.000 χ^2/NDF : 2613746158.5/13

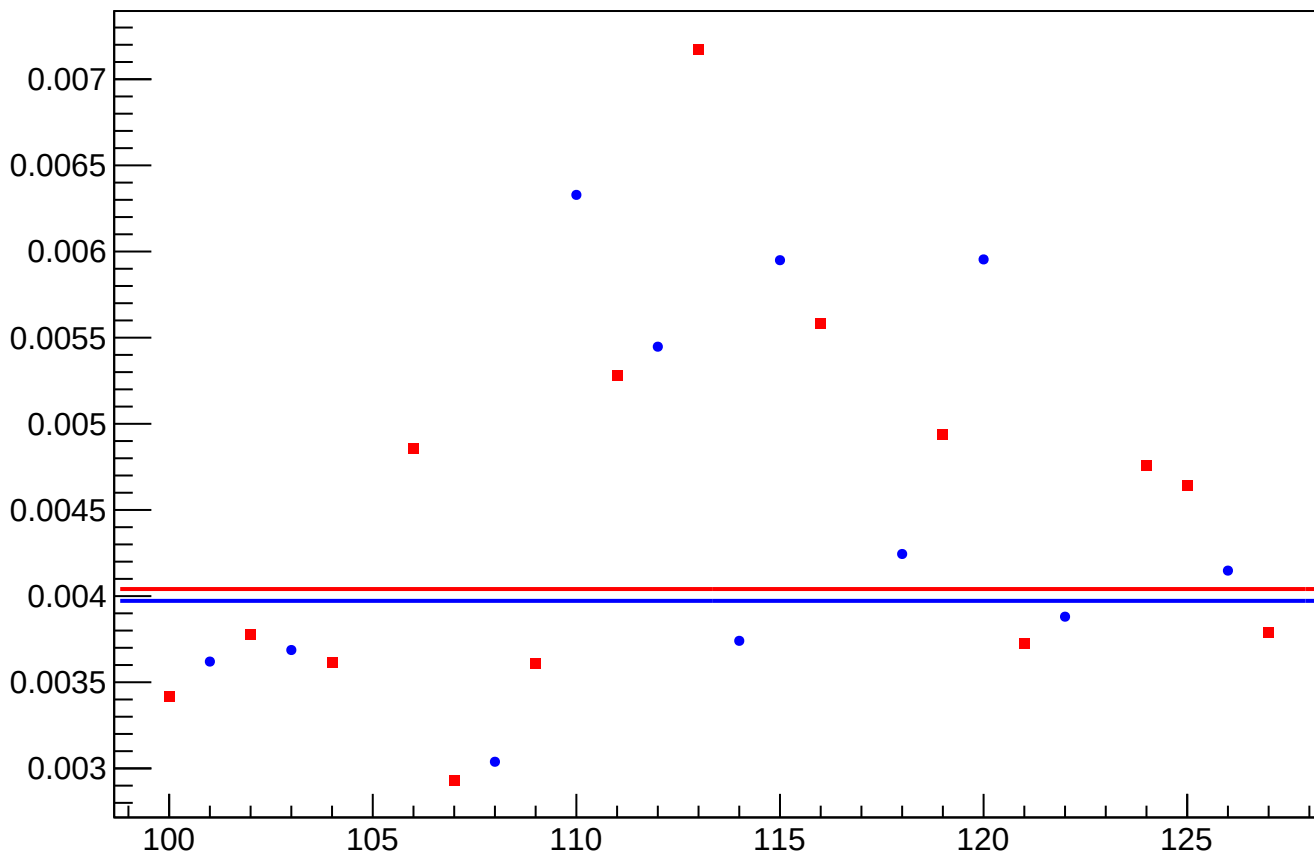
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.325+/-0.000 χ^2/NDF : 4932817815.2/2

- 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: 342236.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 415090.4/13

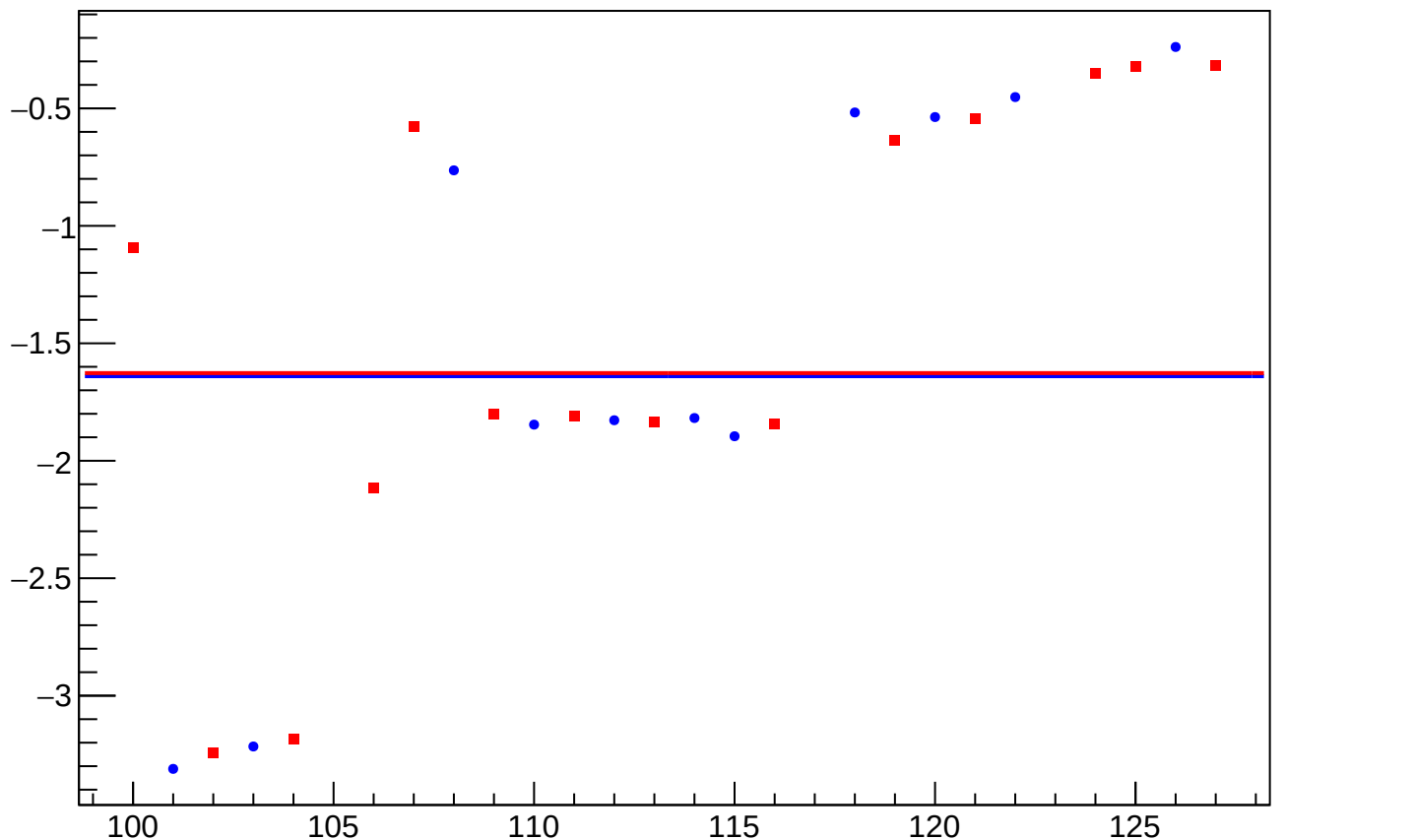
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.000 χ^2 /NDF: 758547.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0r03X_mean vs Slug



Right In: -1.640+/-0.000 χ^2/NDF : 1133815988.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.627+/-0.000 χ^2/NDF : 1086886847.9/13

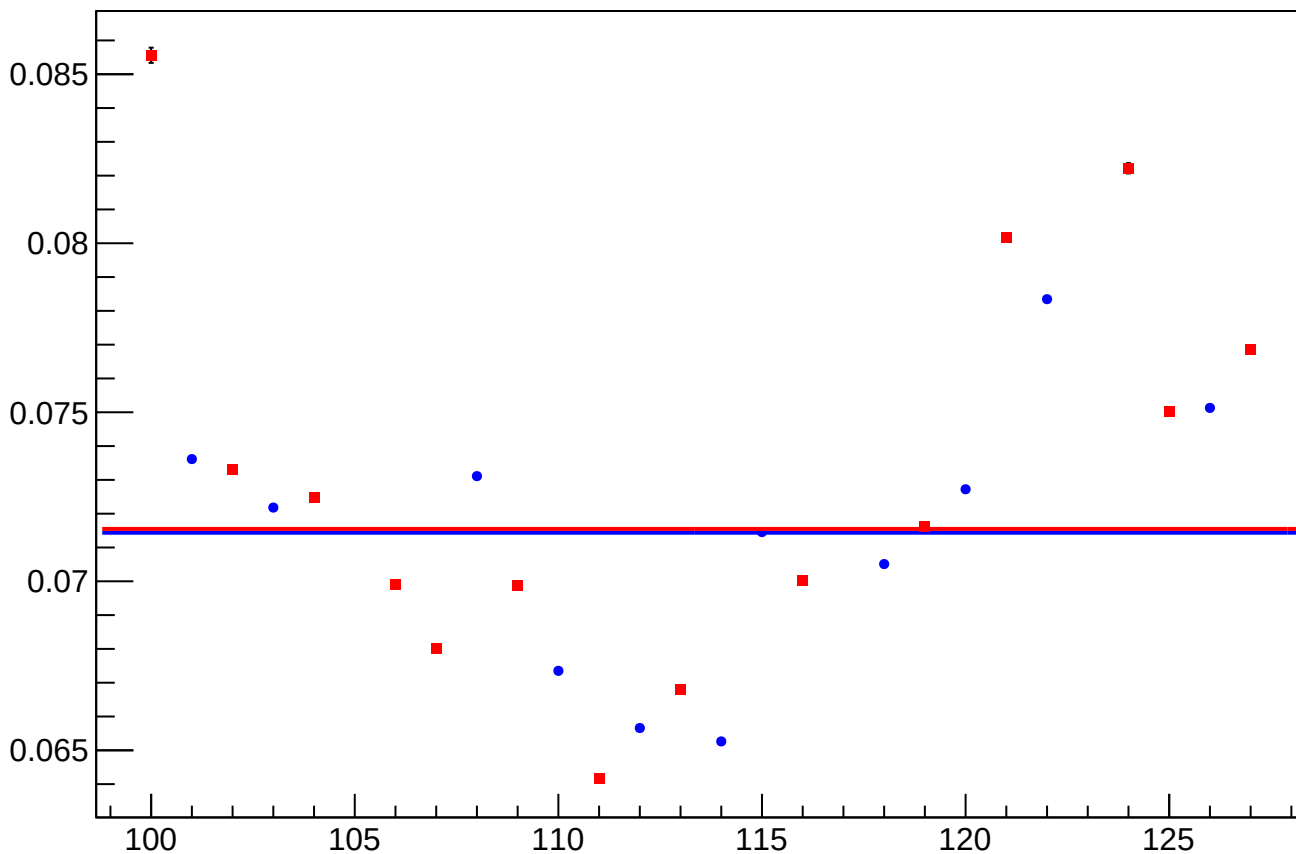
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.633+/-0.000 χ^2/NDF : 2220786075.4/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r03X_rms vs Slug



Right In: 0.071+/-0.000 χ^2/NDF : 22809.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.072+/-0.000 χ^2/NDF : 44059.0/13

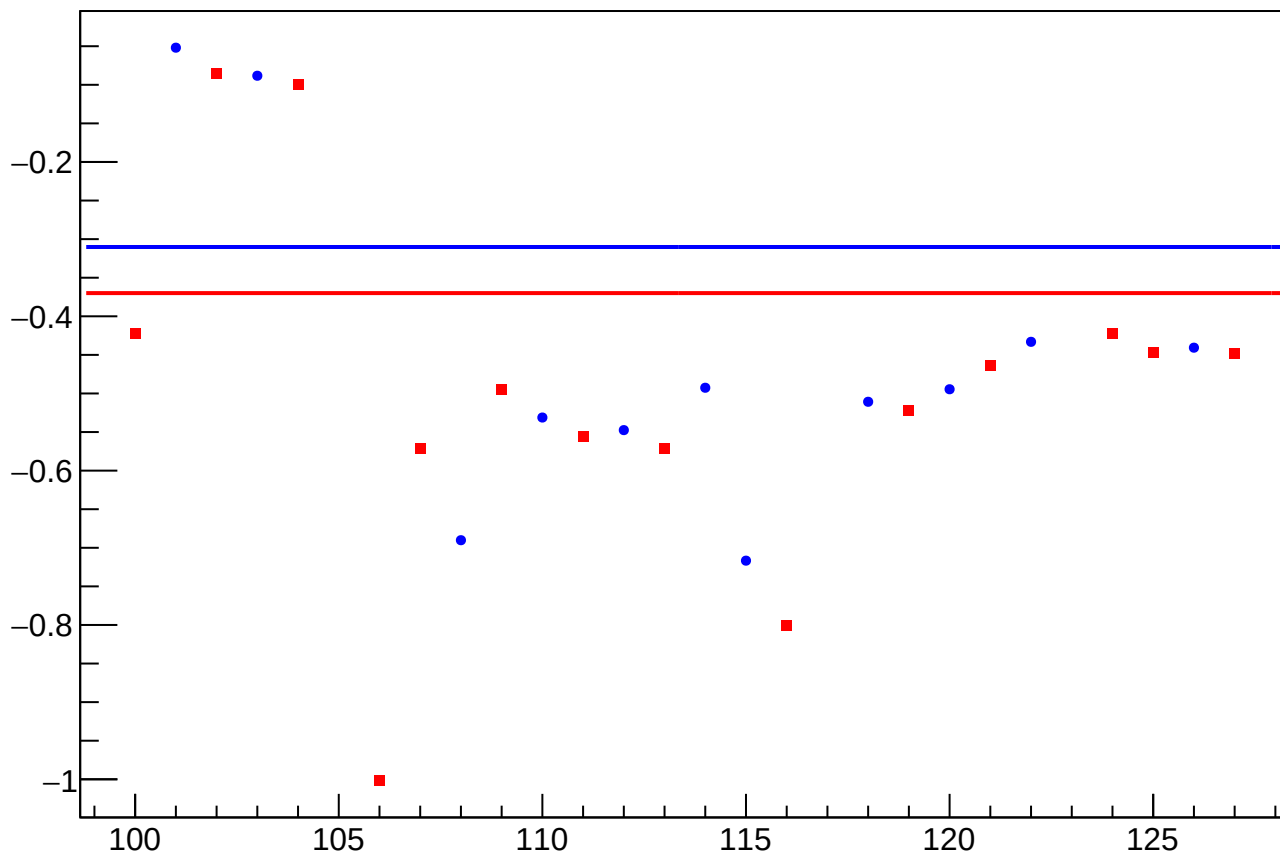
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.071+/-0.000 χ^2/NDF : 66880.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r03Y_mean vs Slug



Right In: -0.310+/-0.000 χ^2/NDF : 1773852783.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.370+/-0.000 χ^2/NDF : 2494263919.4/13

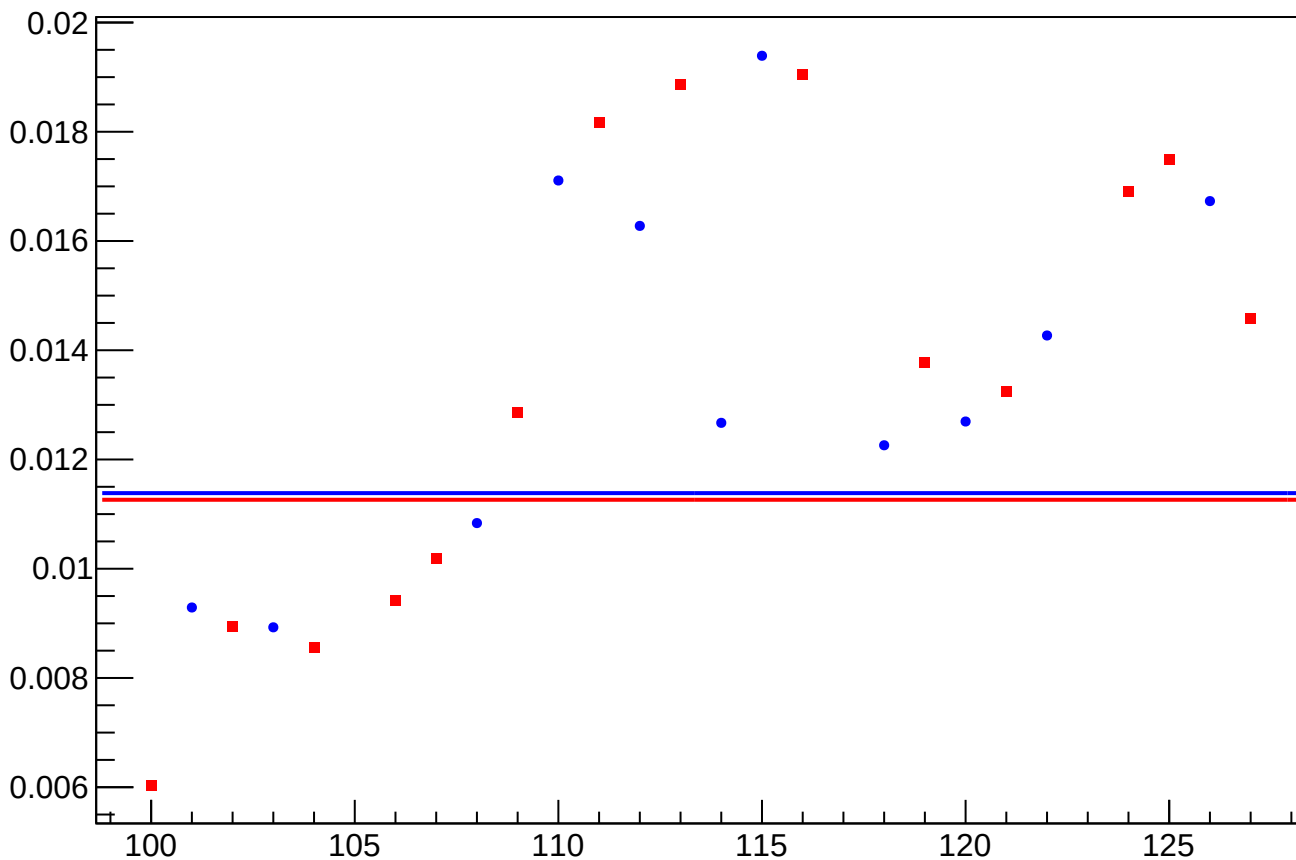
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.343+/-0.000 χ^2/NDF : 4325874451.1/2

- 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 : 458684.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 857160.6/13

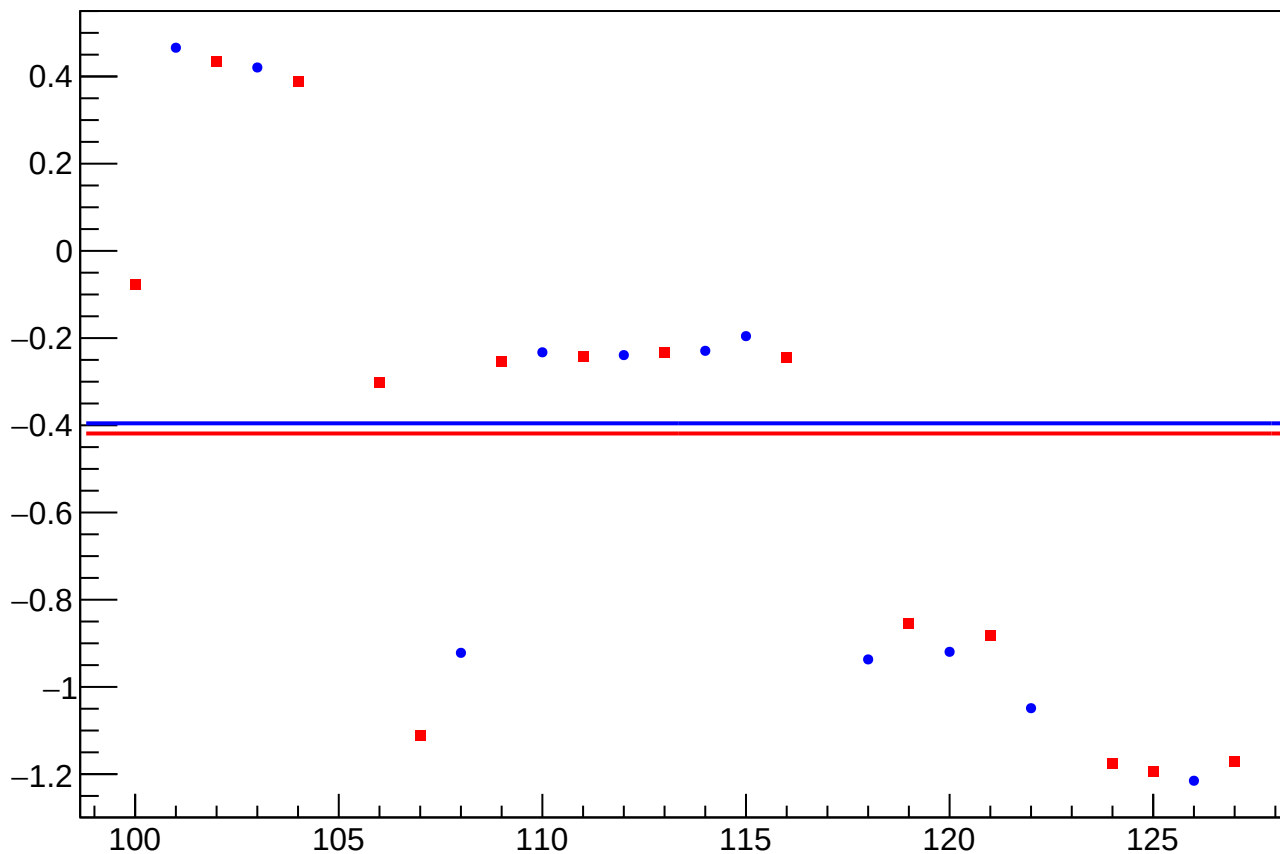
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

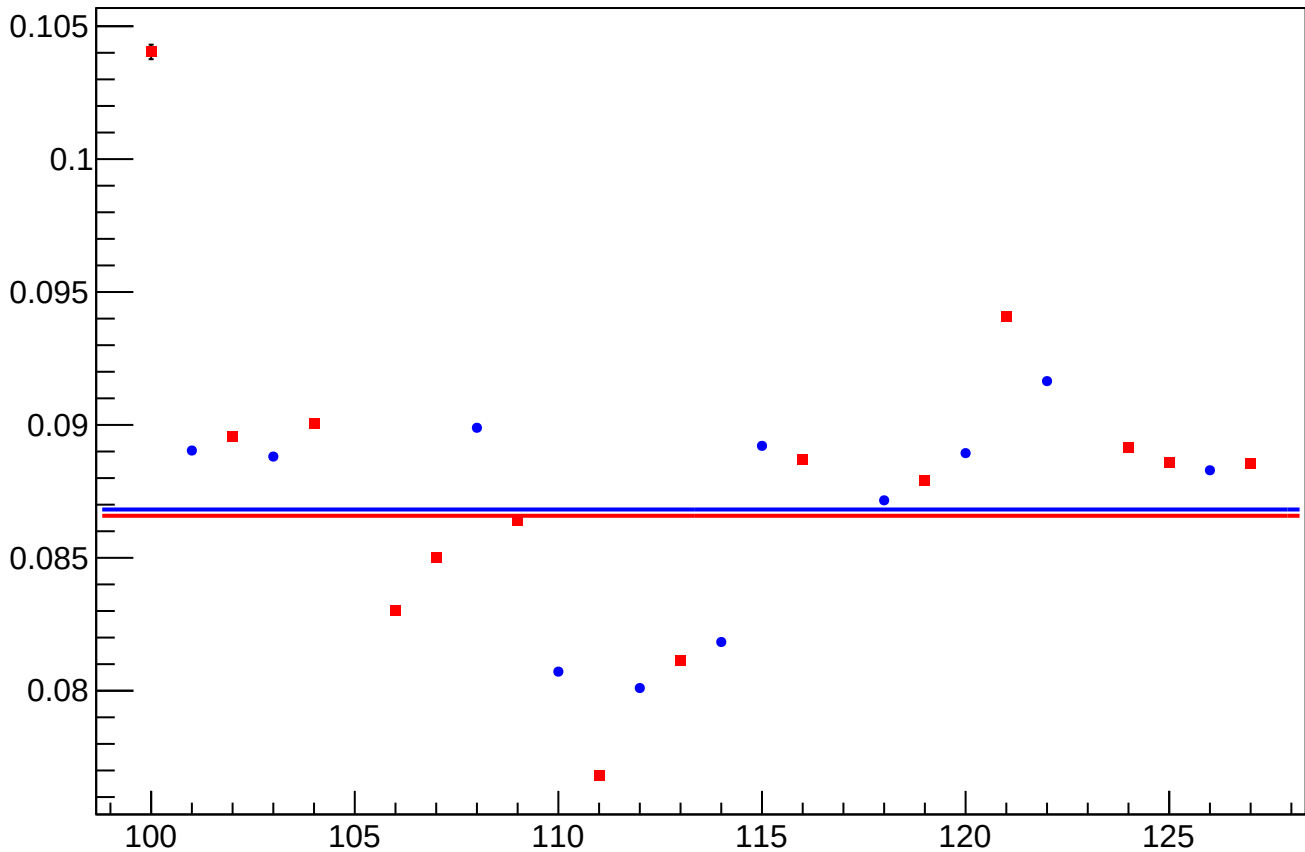
All: 0.011+/-0.000 χ^2/NDF : 1316324.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r05X_mean vs Slug



yield_bpm0r05X_rms vs Slug



Right In: 0.087 $\pm$ 0.000 χ^2 /NDF: 17630.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.087 $\pm$ 0.000 χ^2 /NDF: 34200.7/13

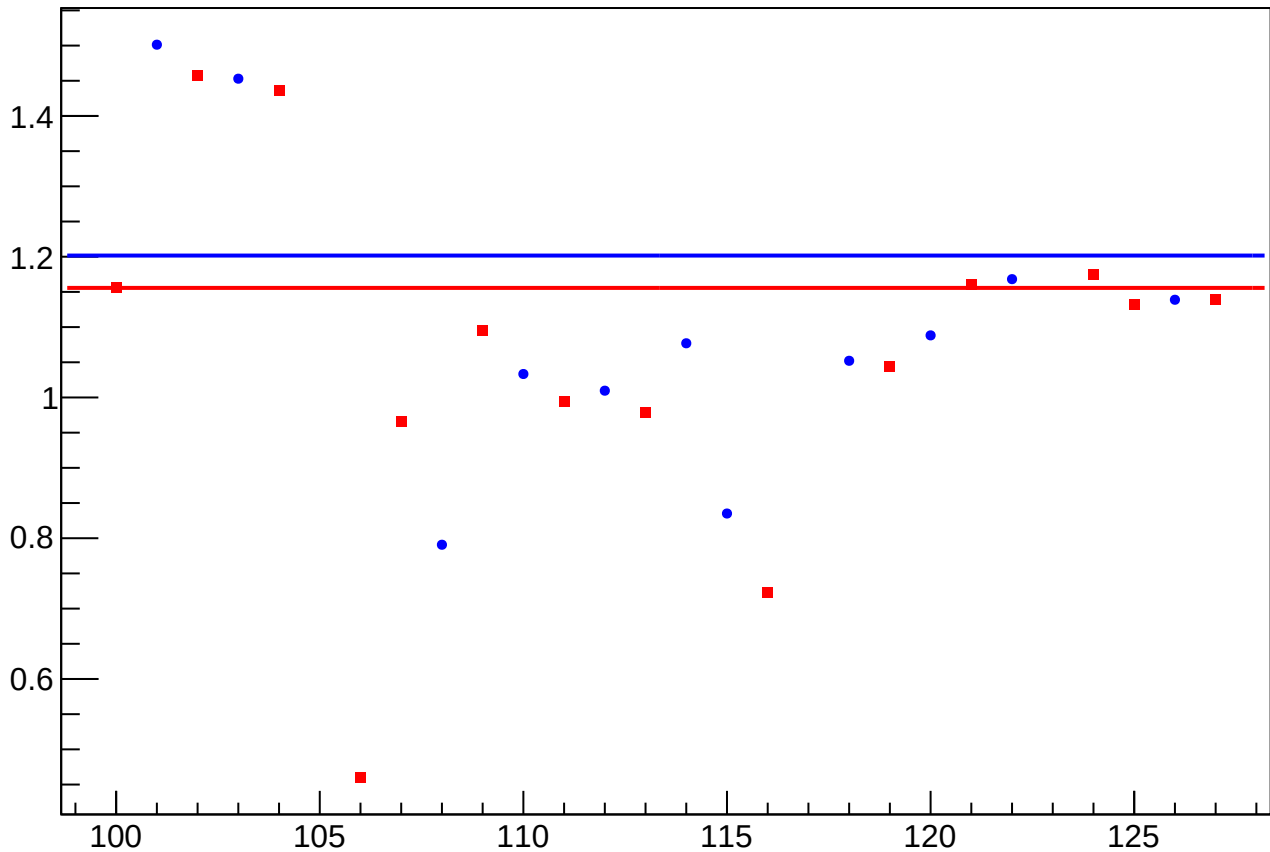
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.087 $\pm$ 0.000 χ^2 /NDF: 51867.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0r05Y_mean vs Slug



Right In: 1.202+/-0.000 χ^2/NDF : 1056168189.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.156+/-0.000 χ^2/NDF : 1404221471.4/13

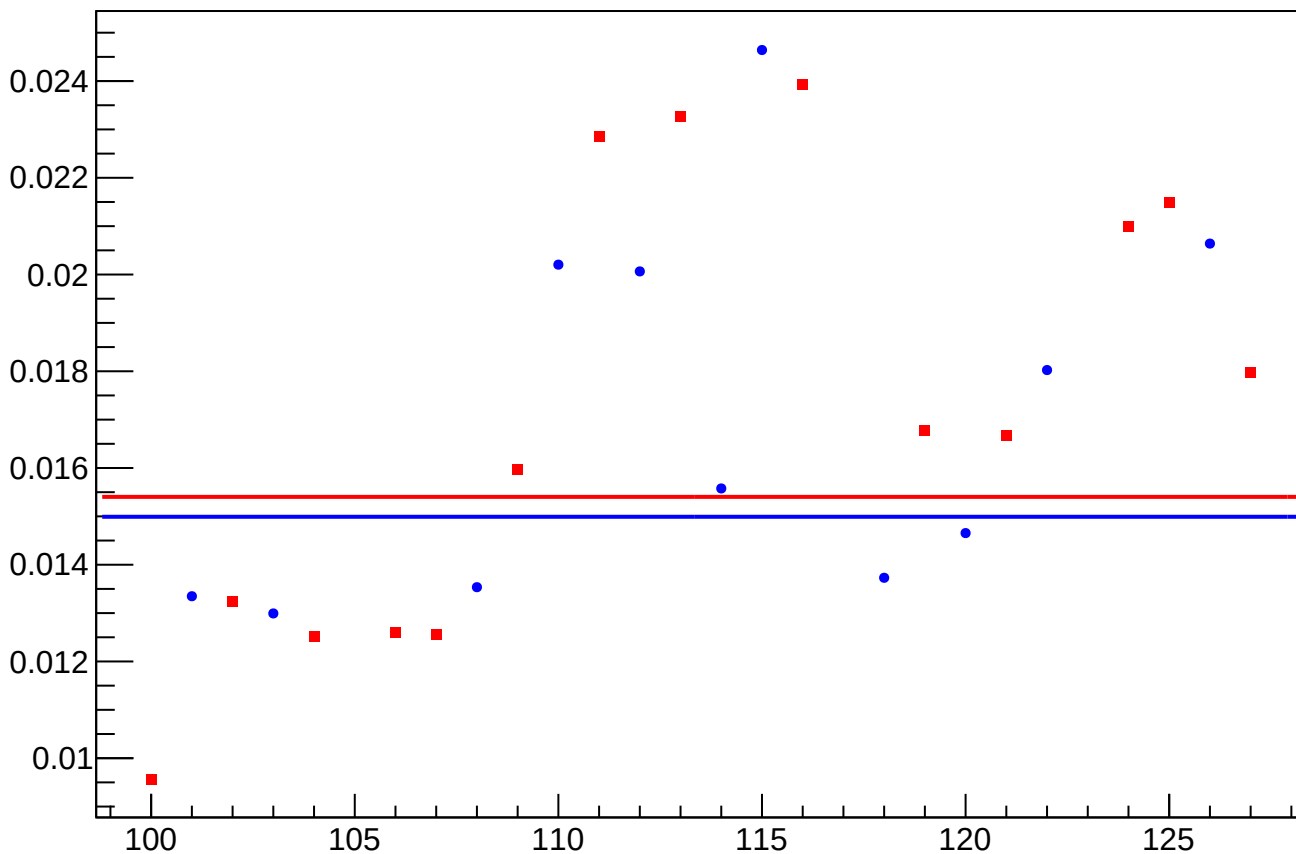
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.177+/-0.000 χ^2/NDF : 2479939367.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r05Y_rms vs Slug



Right In: 0.015+/-0.000 χ^2/NDF : 269657.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 519789.4/13

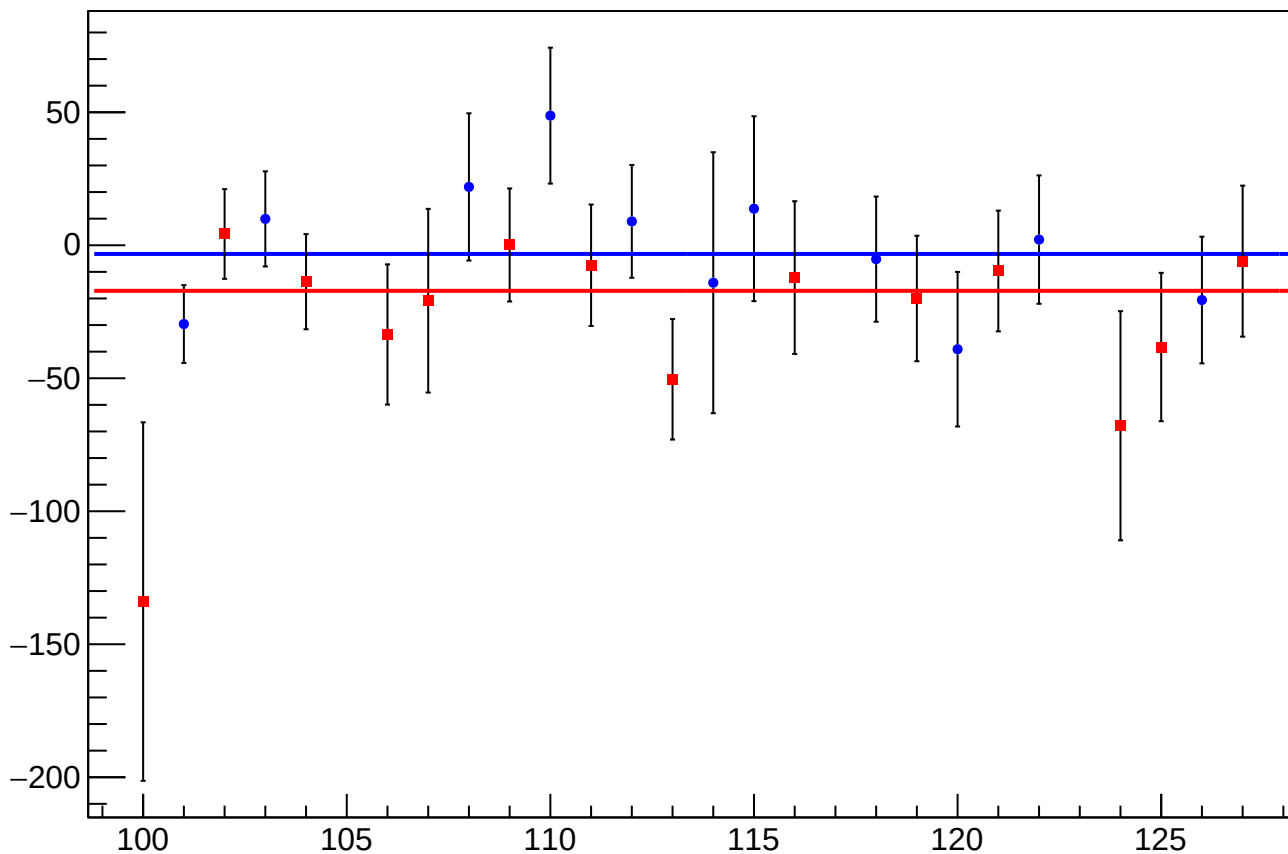
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 792581.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aX_mean vs Slug



Right In: -3.259+/-6.971 χ^2/NDF : 11.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.128+/-6.559 χ^2/NDF : 10.3/13

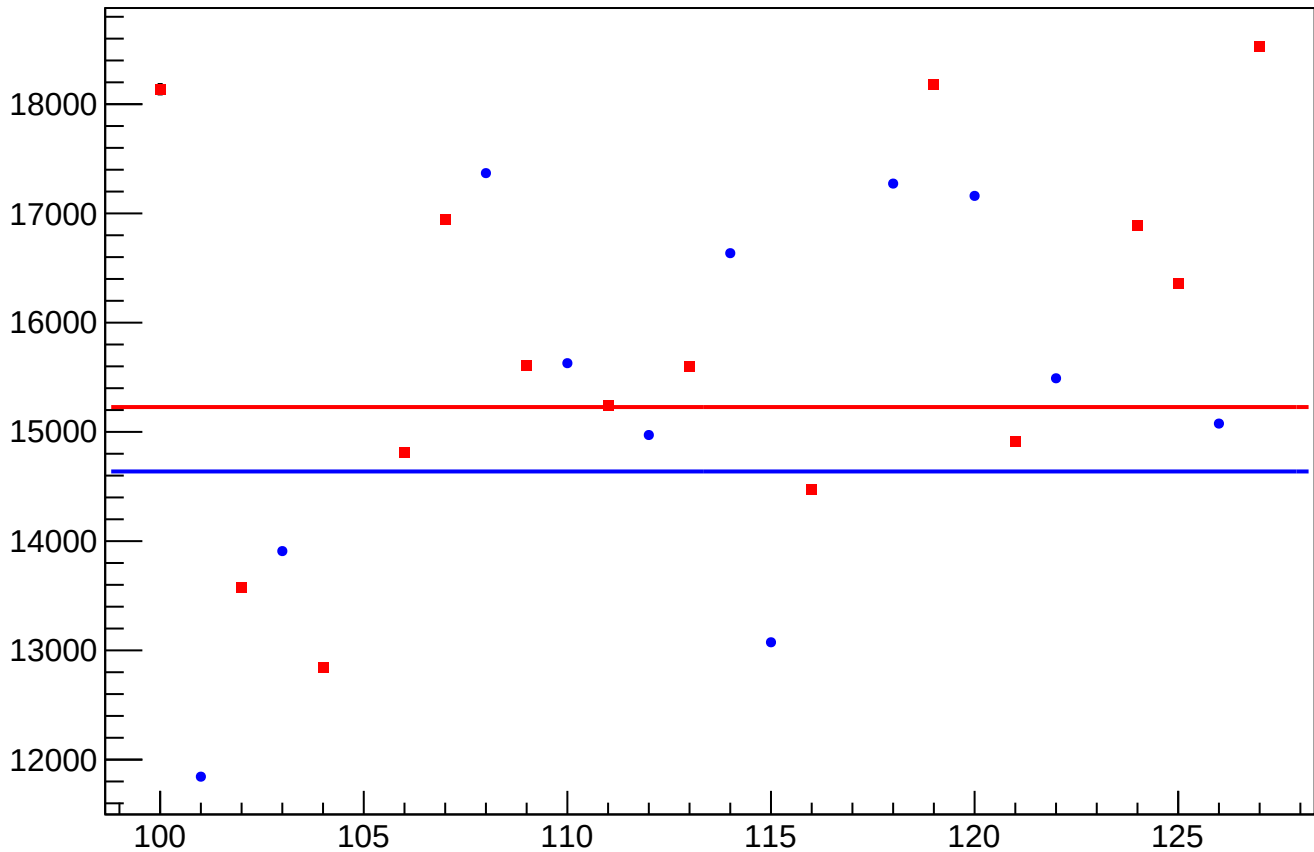
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.616+/-4.777 χ^2/NDF : 23.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aX_rms vs Slug



Right In: 14637.836 $\pm$ 4.929 χ^2 /NDF: 149998.7/10

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

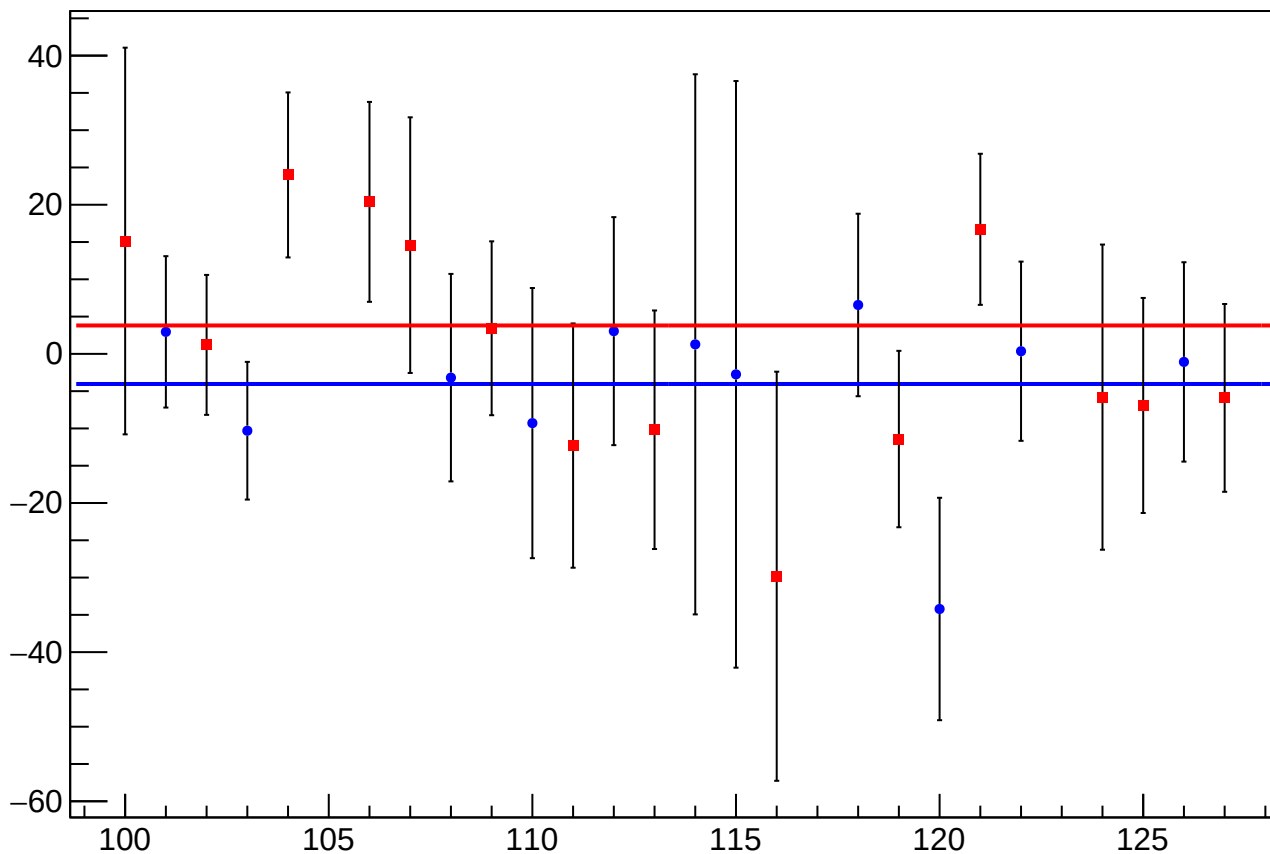
Right Out: 15227.432 $\pm$ 4.638 χ^2 /NDF: 131445.8/13

All: 14950.561 $\pm$ 3.378 χ^2 /NDF: 289033.4/24

- 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_bpm4aY_mean vs Slug



Right In: -4.039+/-4.116 χ^2/NDF : 6.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.809+/-3.611 χ^2/NDF : 13.4/13

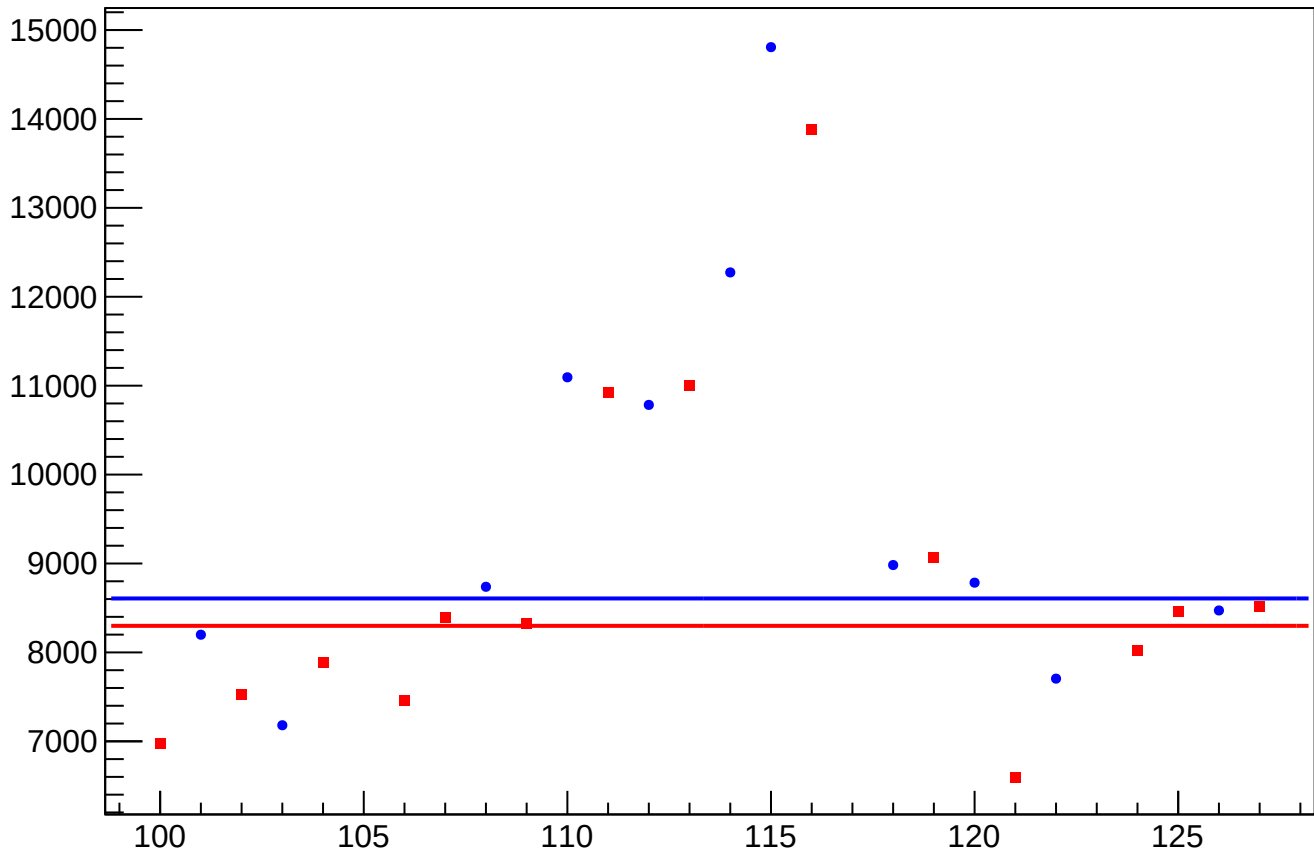
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.396+/-2.714 χ^2/NDF : 21.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aY_rms vs Slug



Right In: 8606.816 $\pm$ 2.911 χ^2 /NDF: 213181.1/10

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

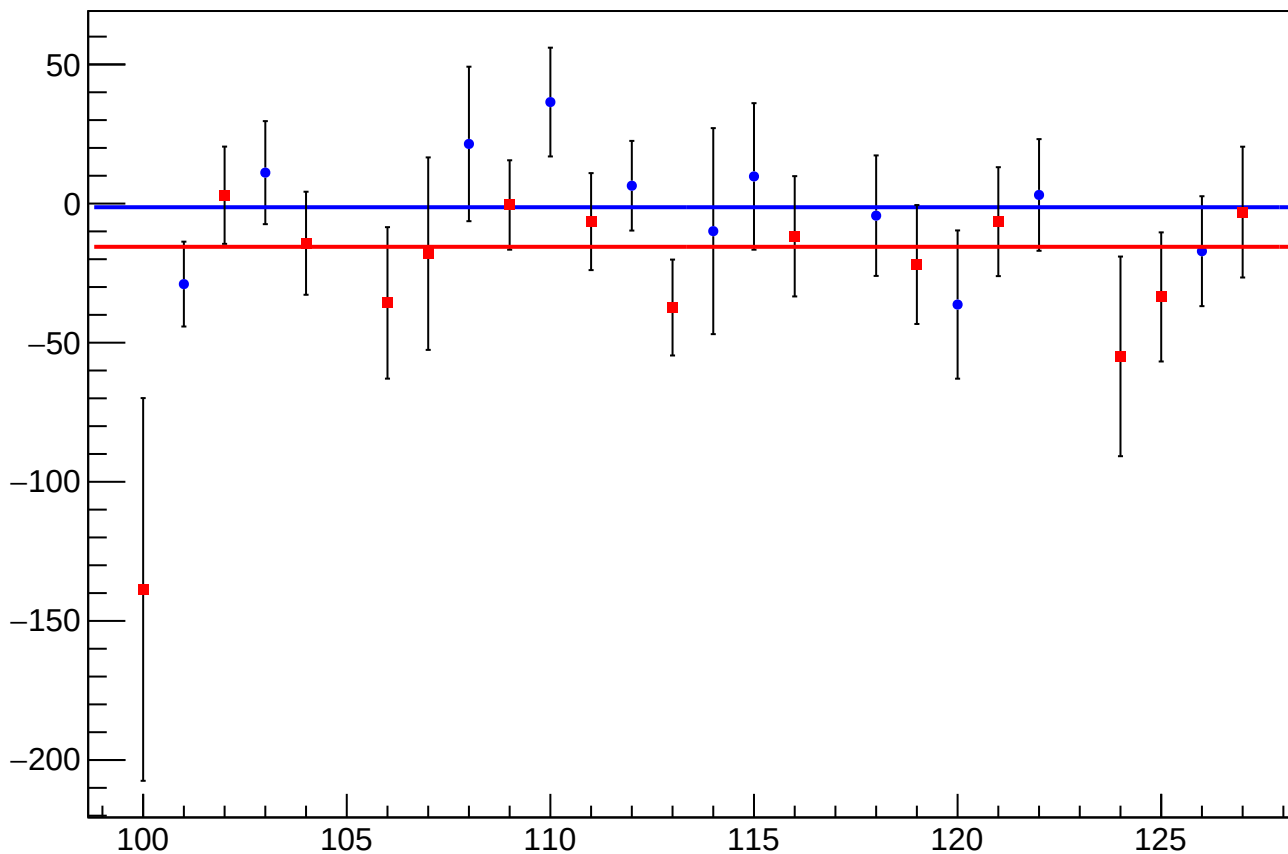
Right Out: 8298.869 $\pm$ 2.553 χ^2 /NDF: 286266.0/13

All: 8432.793 $\pm$ 1.919 χ^2 /NDF: 505773.0/24

- 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_bpm4eX_mean vs Slug



Right In: -1.316 ± 6.233 χ^2/NDF : 11.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -15.543 ± 5.726 χ^2/NDF : 10.1/13

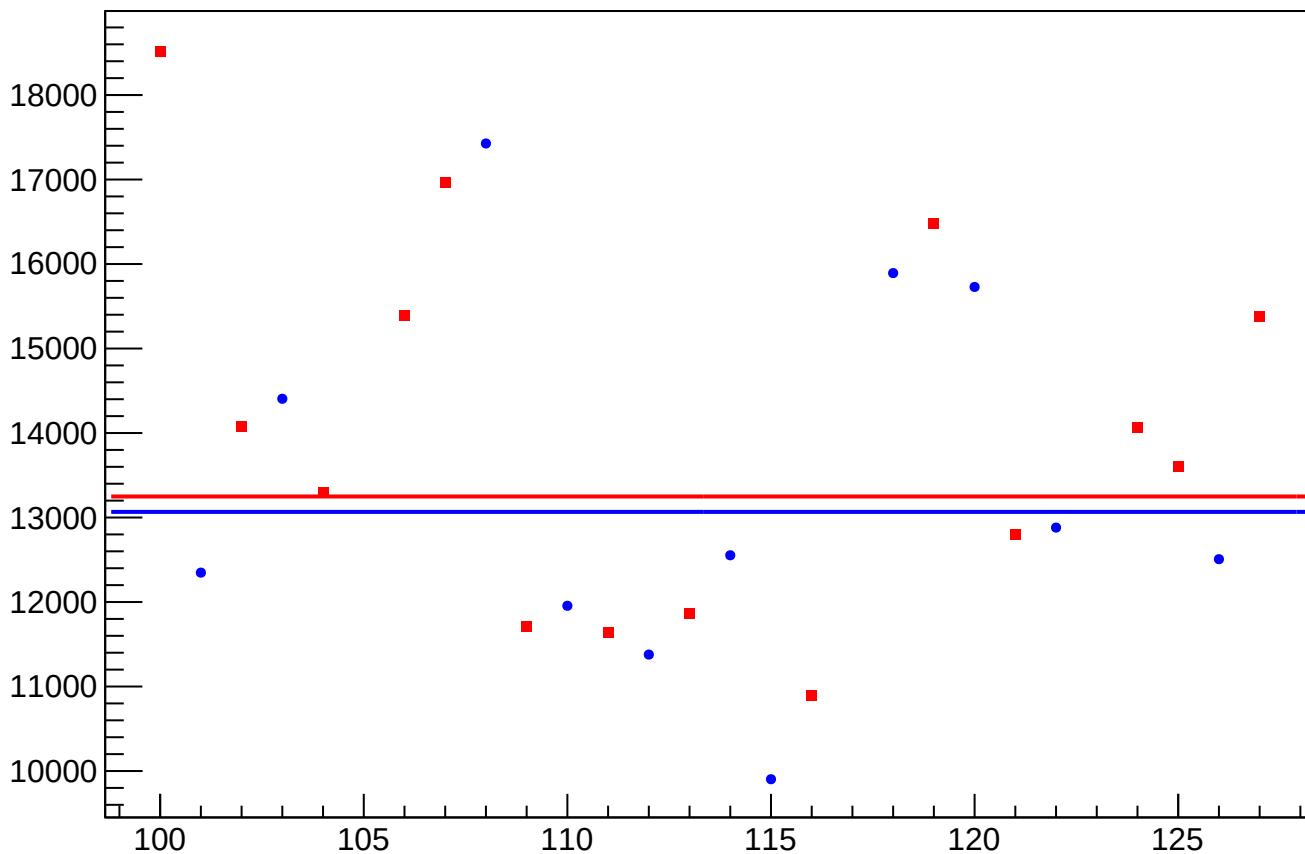
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.031 ± 4.217 χ^2/NDF : 23.9/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm4eX_rms vs Slug



Right In: 13066.721+/-4.407 χ^2/NDF : 177723.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13248.915+/-4.049 χ^2/NDF : 188323.6/13

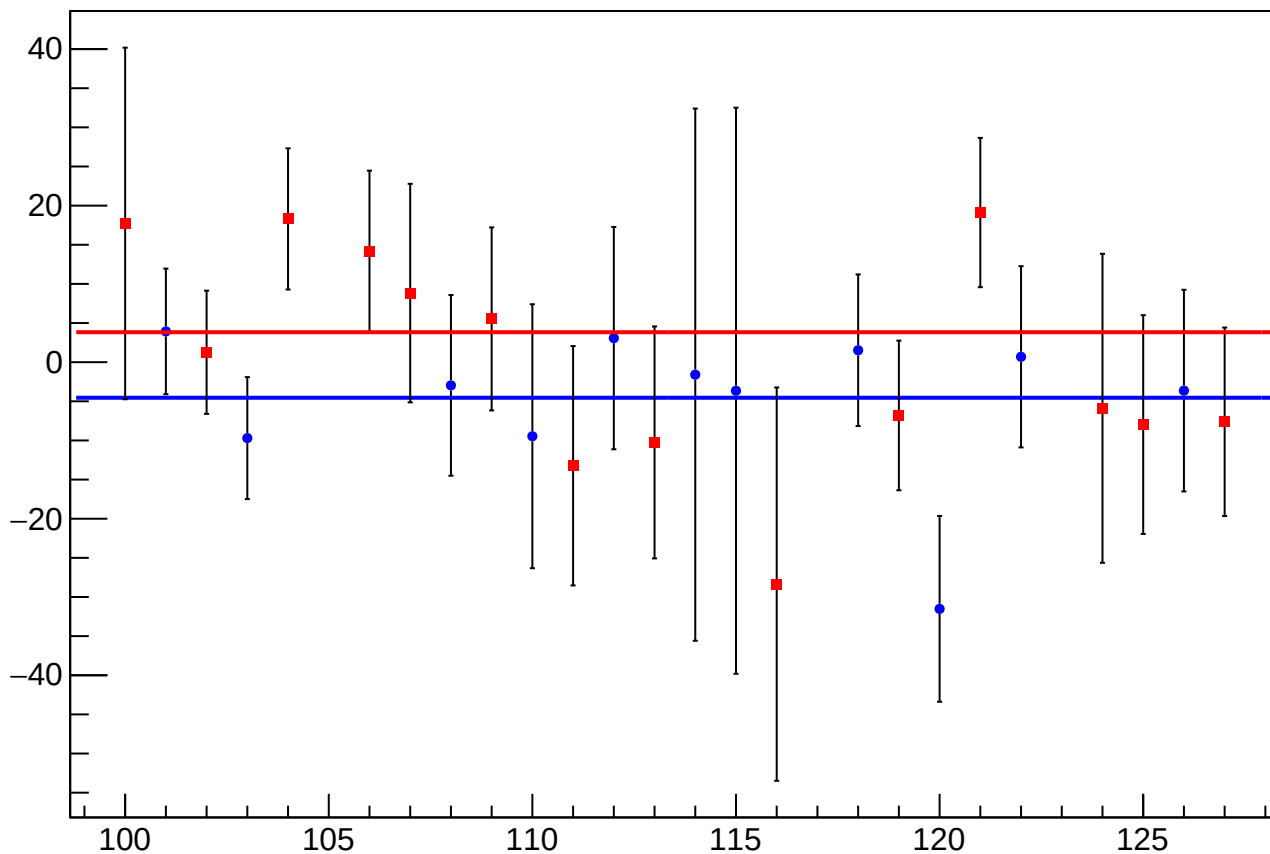
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13165.528+/-2.982 χ^2/NDF : 366973.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4eY_mean vs Slug



Right In: -4.544+/-3.517 χ^2 /NDF: 7.7/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 3.826+/-3.174 χ^2 /NDF: 13.7/13

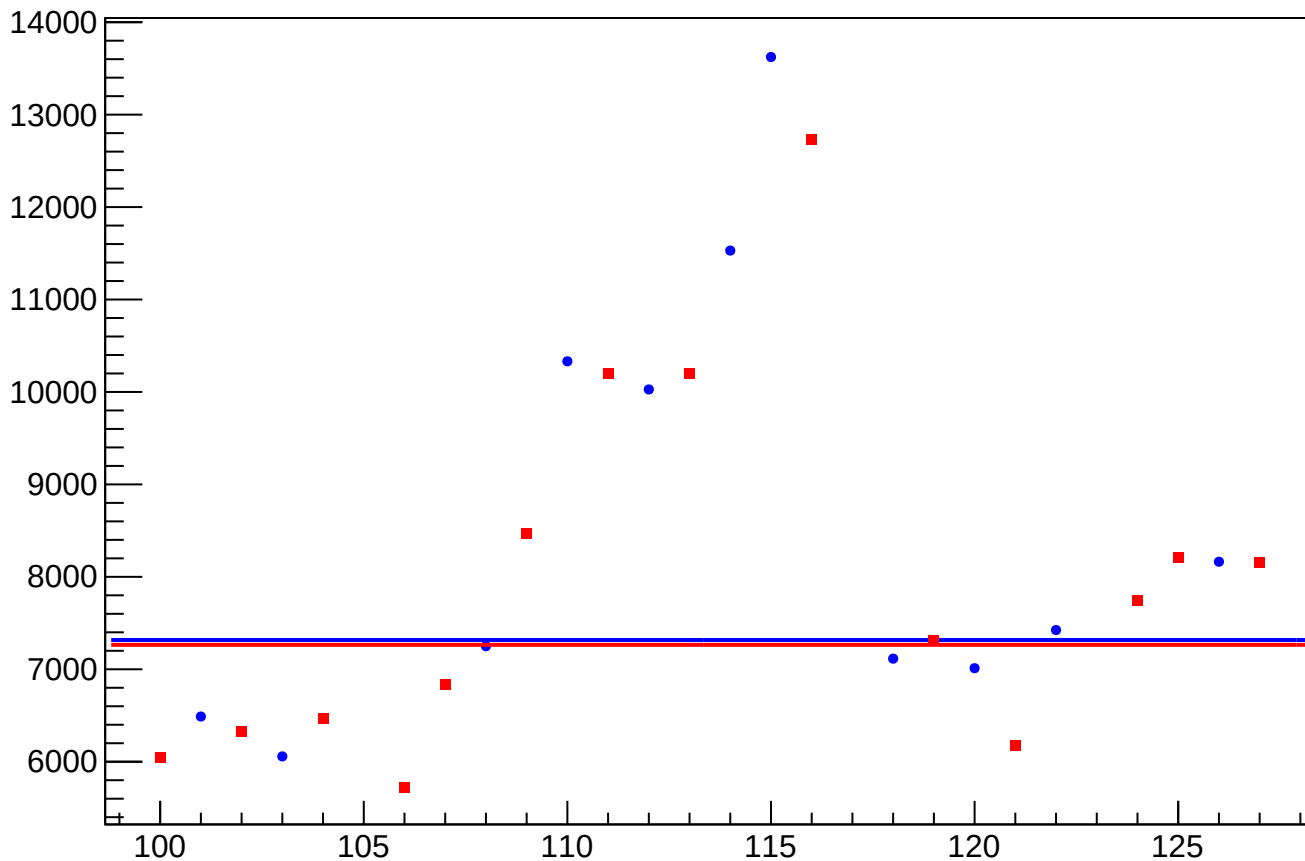
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.069+/-2.356 χ^2 /NDF: 24.5/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm4eY_rms vs Slug



Right In: 7316.735 $\pm$ 2.487 χ^2 /NDF: 312878.9/10

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

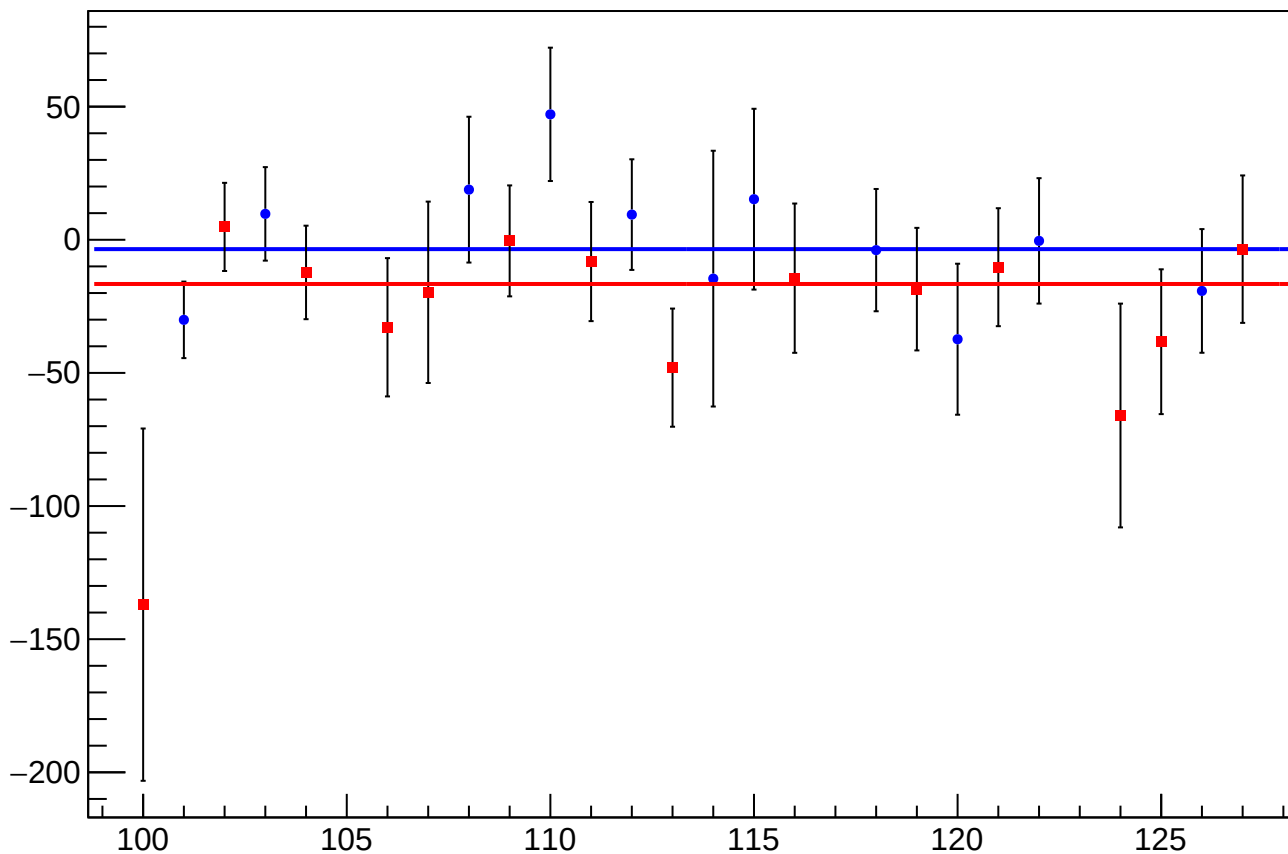
Right Out: 7264.703 $\pm$ 2.244 χ^2 /NDF: 411377.1/13

All: 7288.060 $\pm$ 1.666 χ^2 /NDF: 724497.3/24

- 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_bpm4acX_mean vs Slug



Right In: -3.512+/-6.831 χ^2/NDF : 11.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.602+/-6.425 χ^2/NDF : 10.5/13

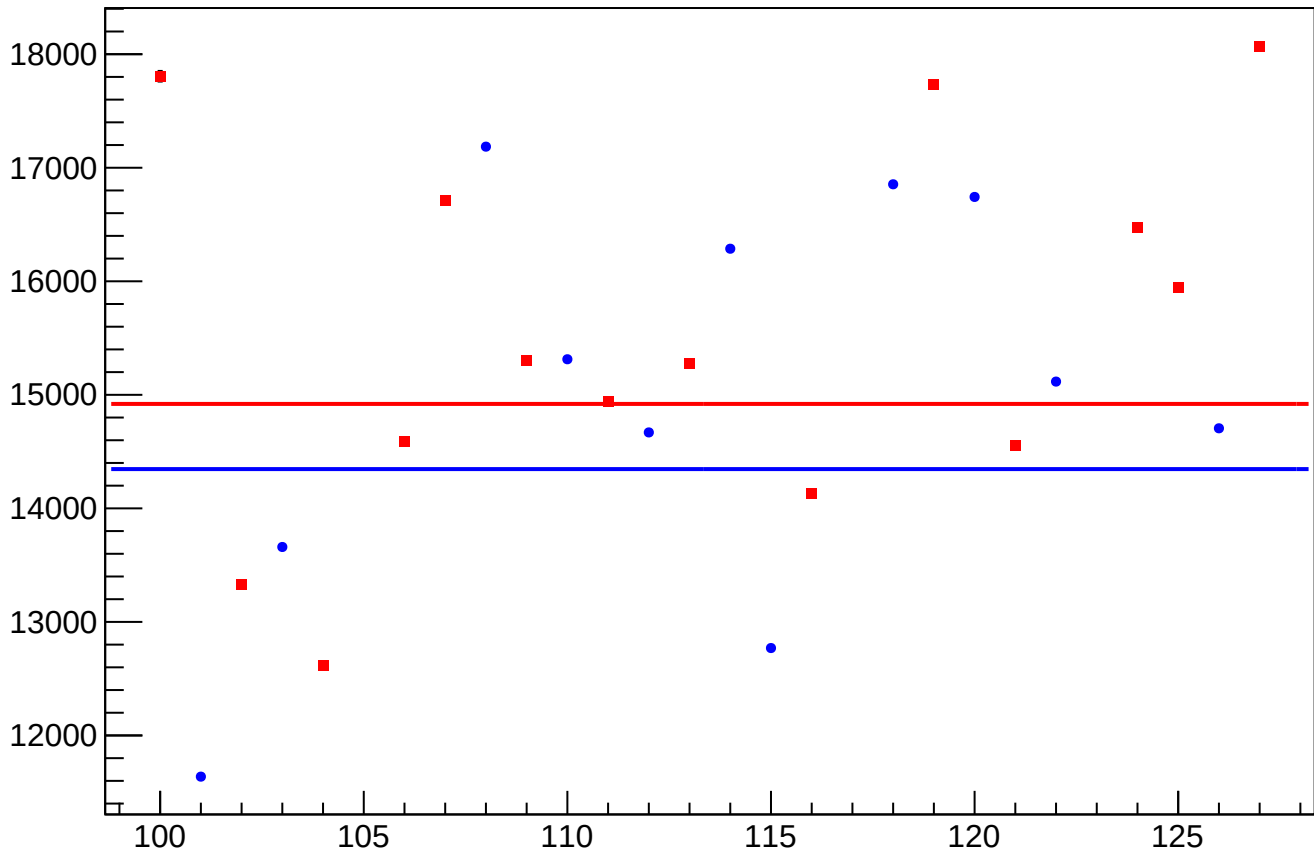
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.457+/-4.680 χ^2/NDF : 23.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4acX_rms vs Slug



Right In: 14345.980+/-4.830 χ^2/NDF : 147472.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14919.924+/-4.543 χ^2/NDF : 127360.0/13

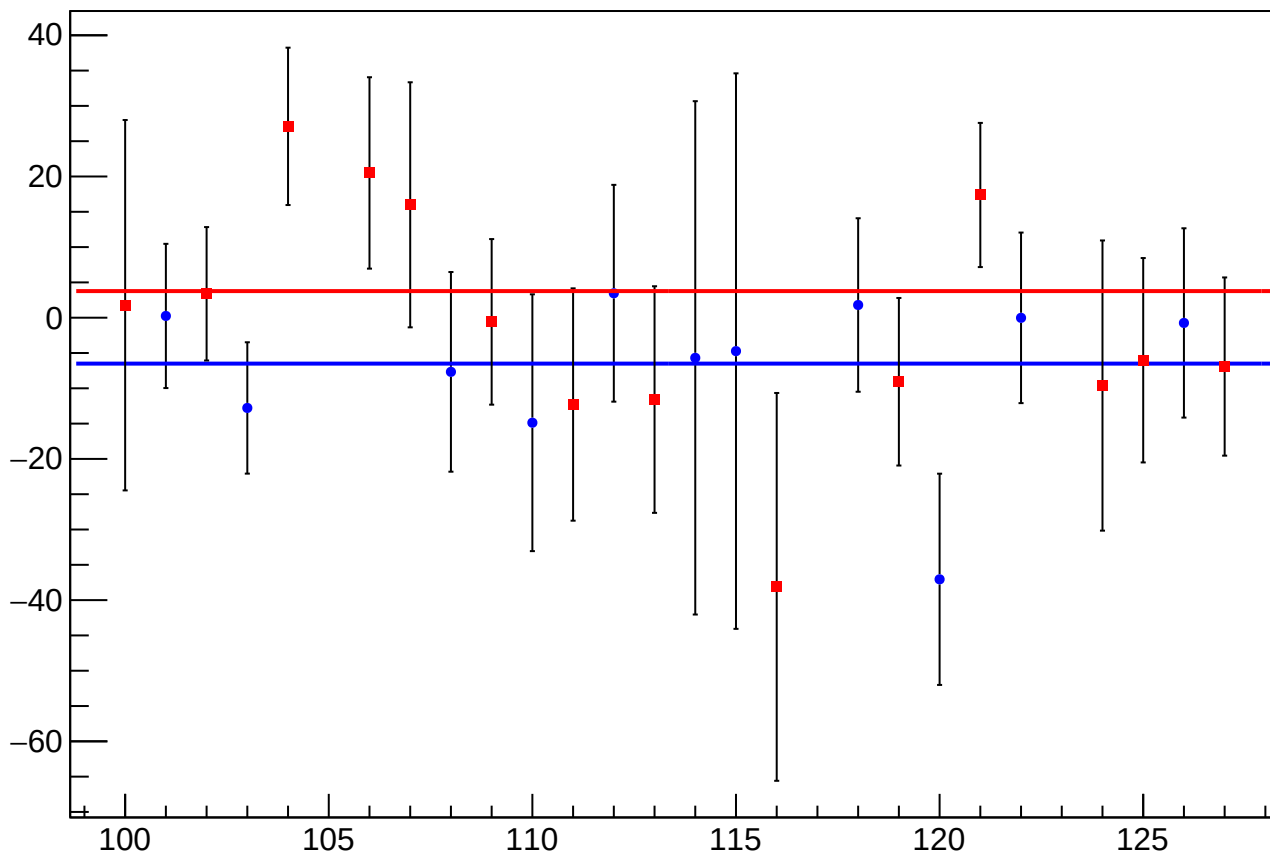
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14650.488+/-3.309 χ^2/NDF : 282323.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4acY_mean vs Slug



Right In: -6.503+/-4.141 χ^2/NDF : 6.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.768+/-3.633 χ^2/NDF : 15.3/13

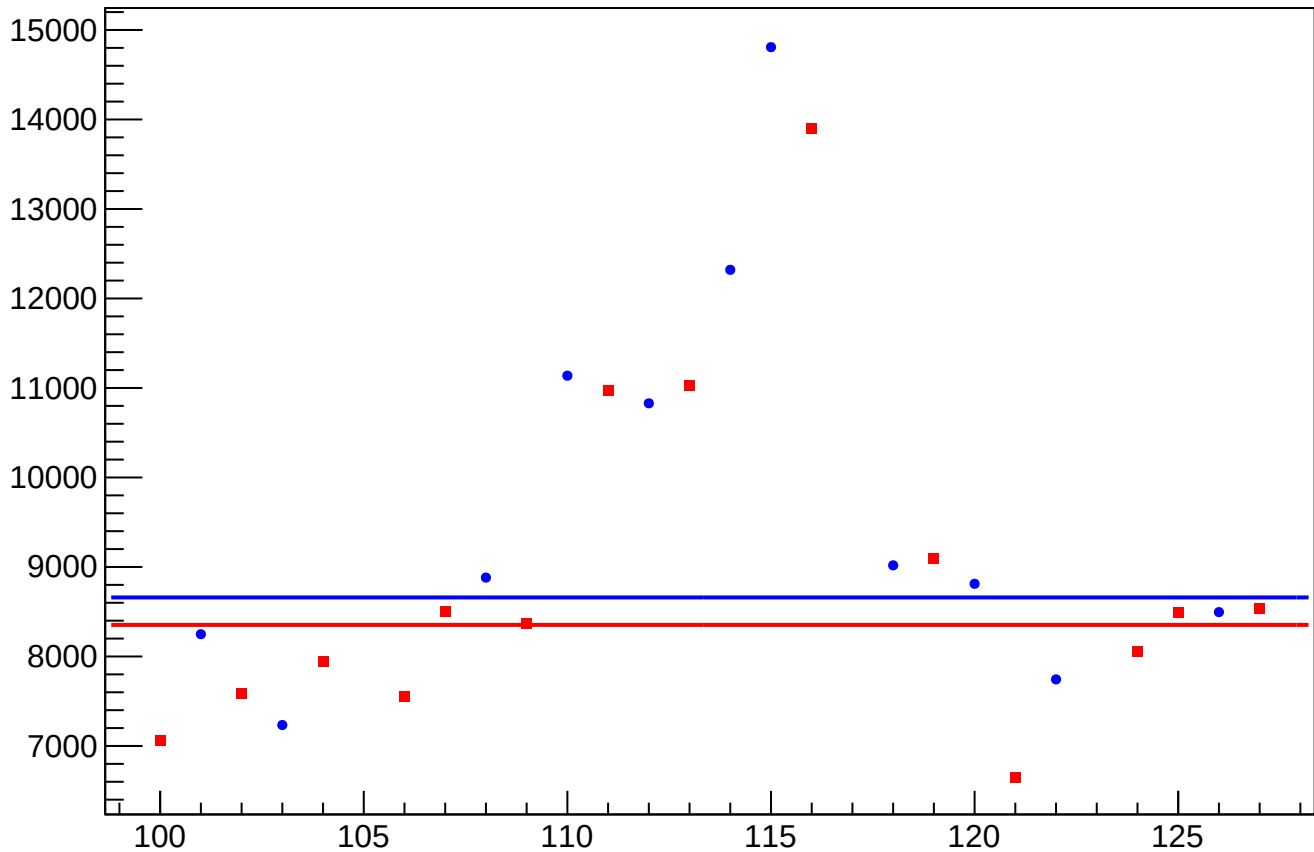
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.699+/-2.731 χ^2/NDF : 25.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4acY_rms vs Slug



Right In: 8659.647 $\pm$ 2.928 χ^2 /NDF: 210575.8/10

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

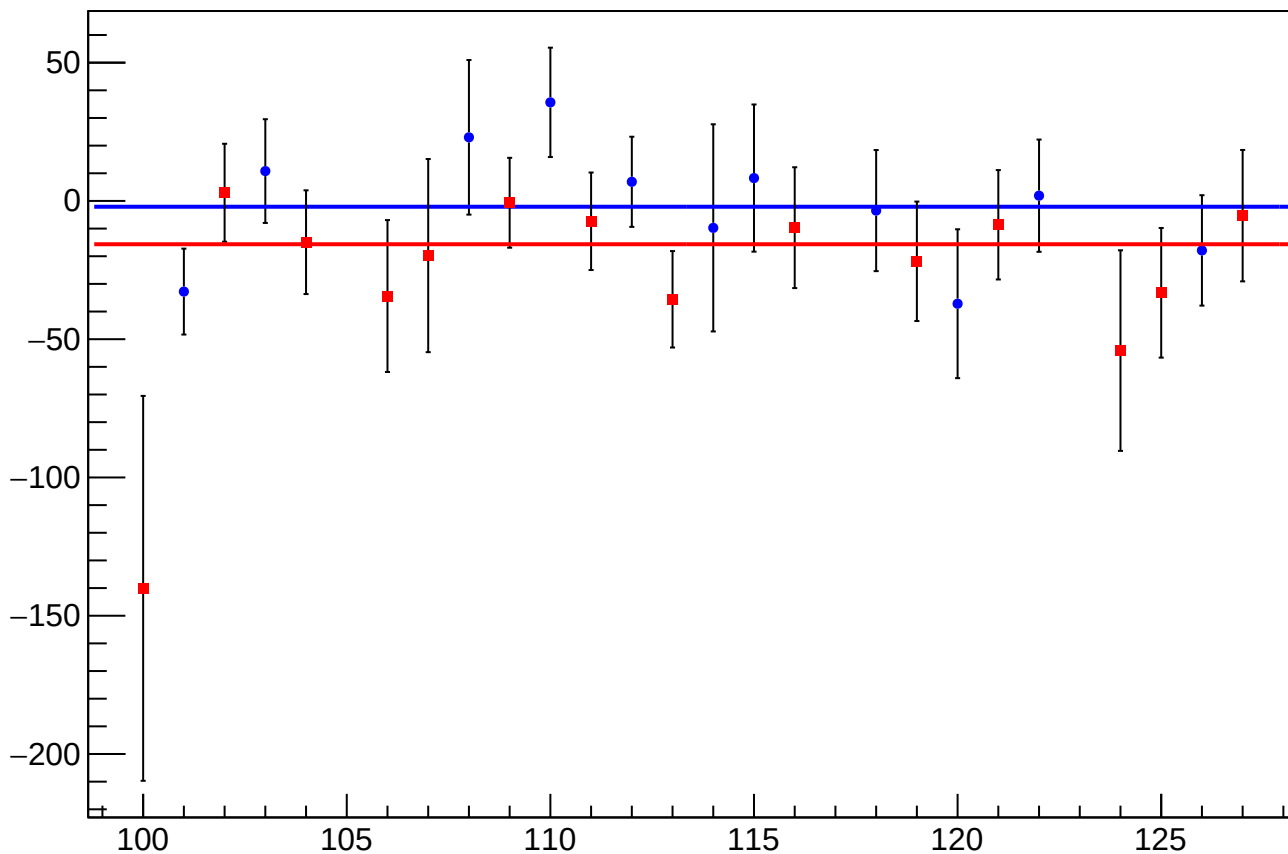
Right Out: 8352.633 $\pm$ 2.569 χ^2 /NDF: 280271.8/13

All: 8486.175 $\pm$ 1.931 χ^2 /NDF: 497060.2/24

- 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_bpm4ecX_mean vs Slug



Right In: -2.099 ± 6.310 χ^2/NDF : 11.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -15.660 ± 5.791 χ^2/NDF : 9.3/13

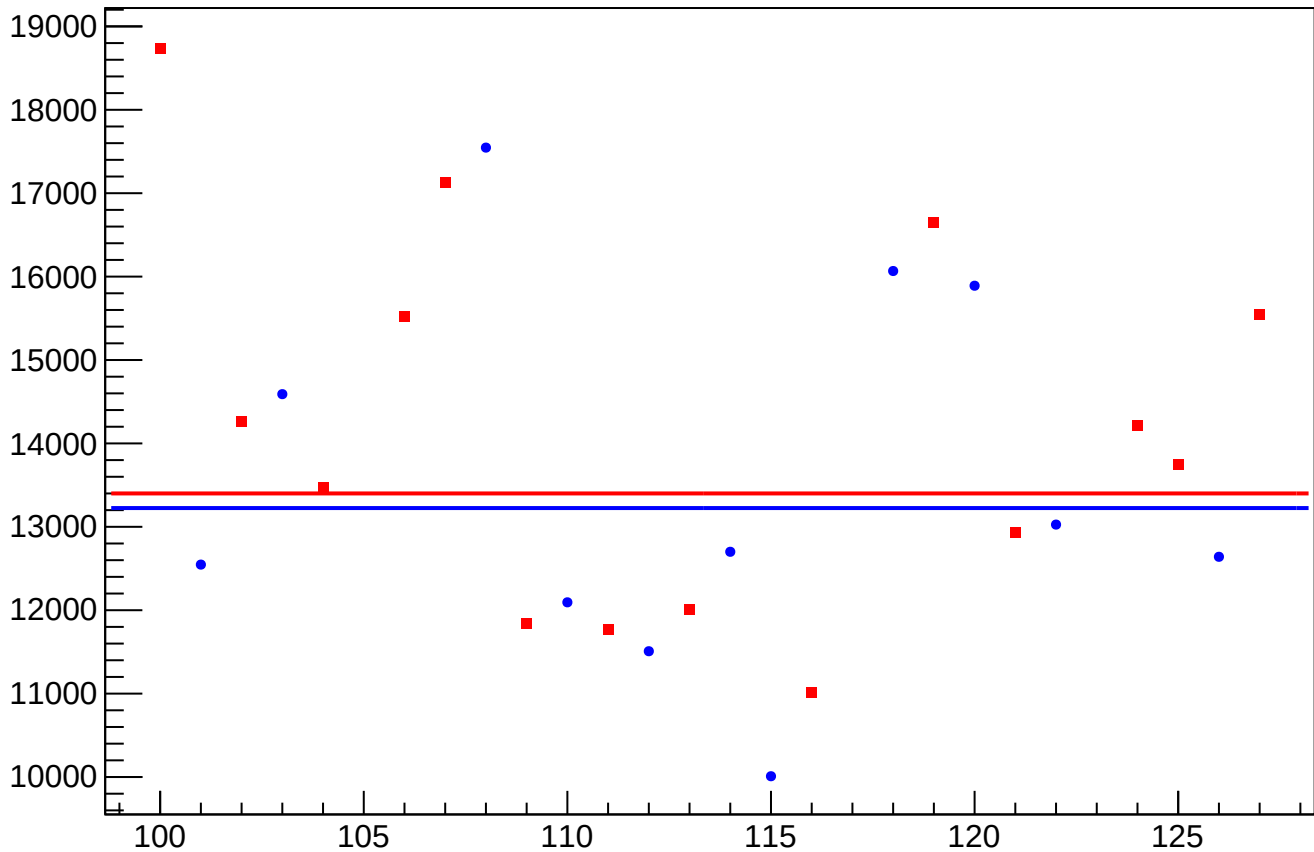
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.460 ± 4.266 χ^2/NDF : 23.5/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm4ecX_rms vs Slug



Right In: 13224.872 $\pm$ 4.462 χ^2 /NDF: 175754.3/10

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

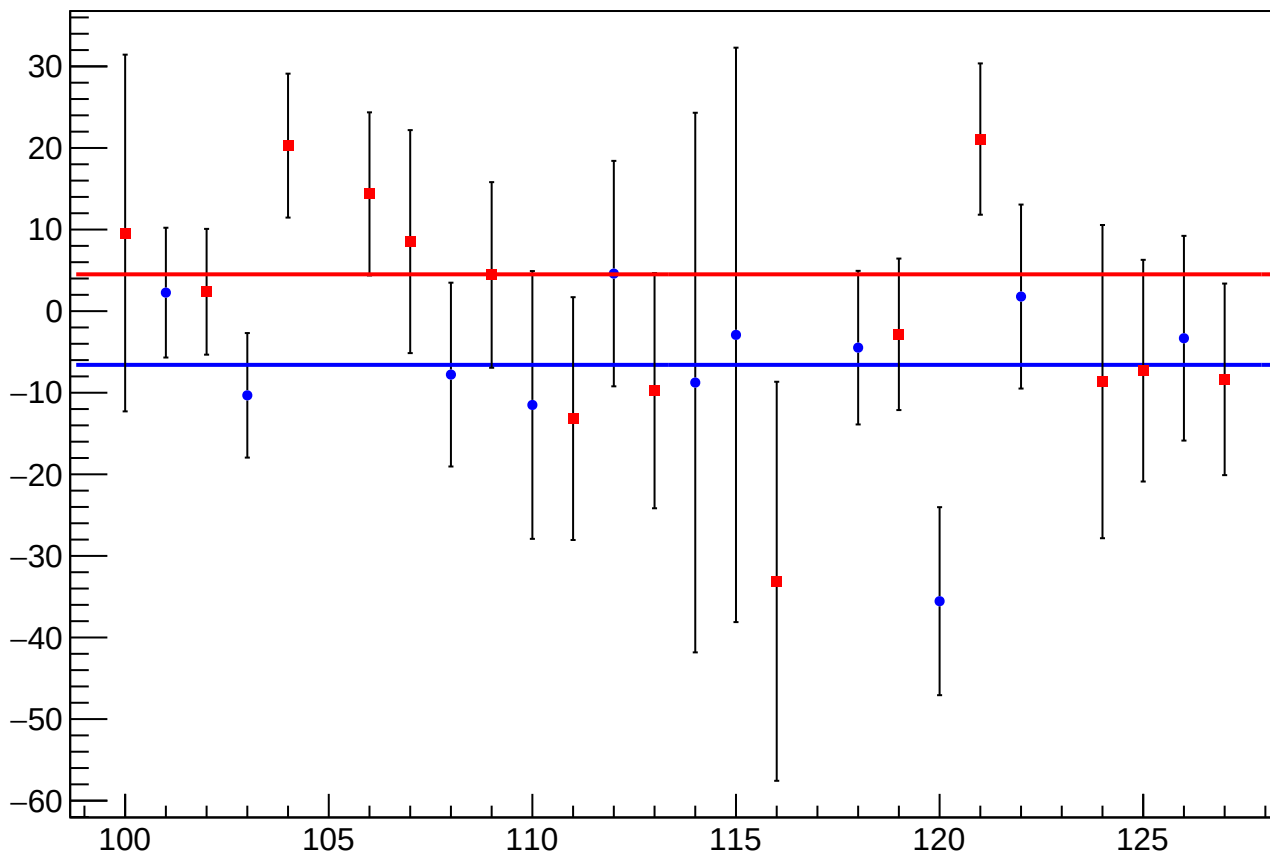
Right Out: 13400.202 $\pm$ 4.095 χ^2 /NDF: 187425.9/13

All: 13320.046 $\pm$ 3.017 χ^2 /NDF: 364018.4/24

- 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_bpm4ecY_mean vs Slug



Right In: -6.584+/-3.439 χ^2/NDF : 9.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.513+/-3.094 χ^2/NDF : 15.4/13

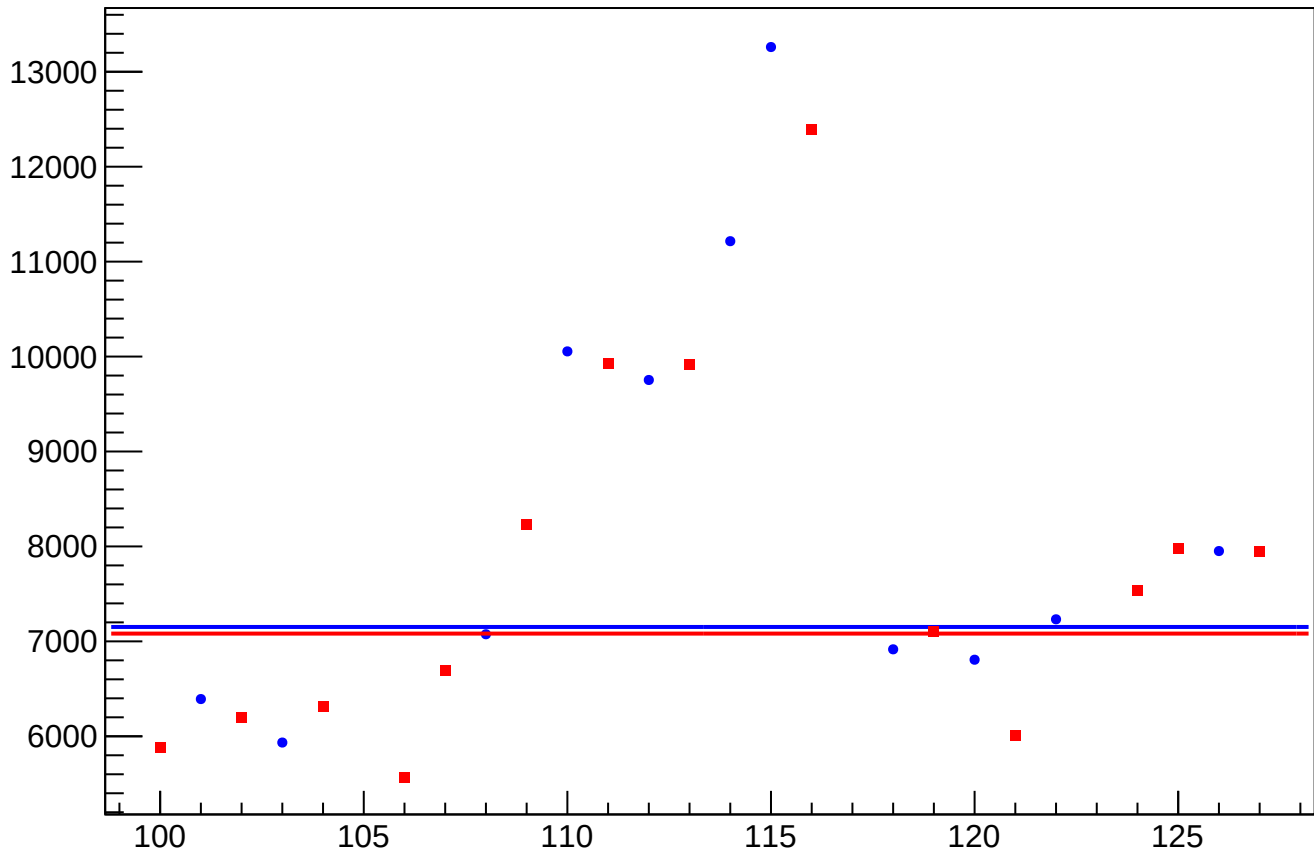
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.451+/-2.300 χ^2/NDF : 30.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4ecY_rms vs Slug



Right In: 7151.727 $\pm$ 2.432 χ^2 /NDF: 304397.5/10

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

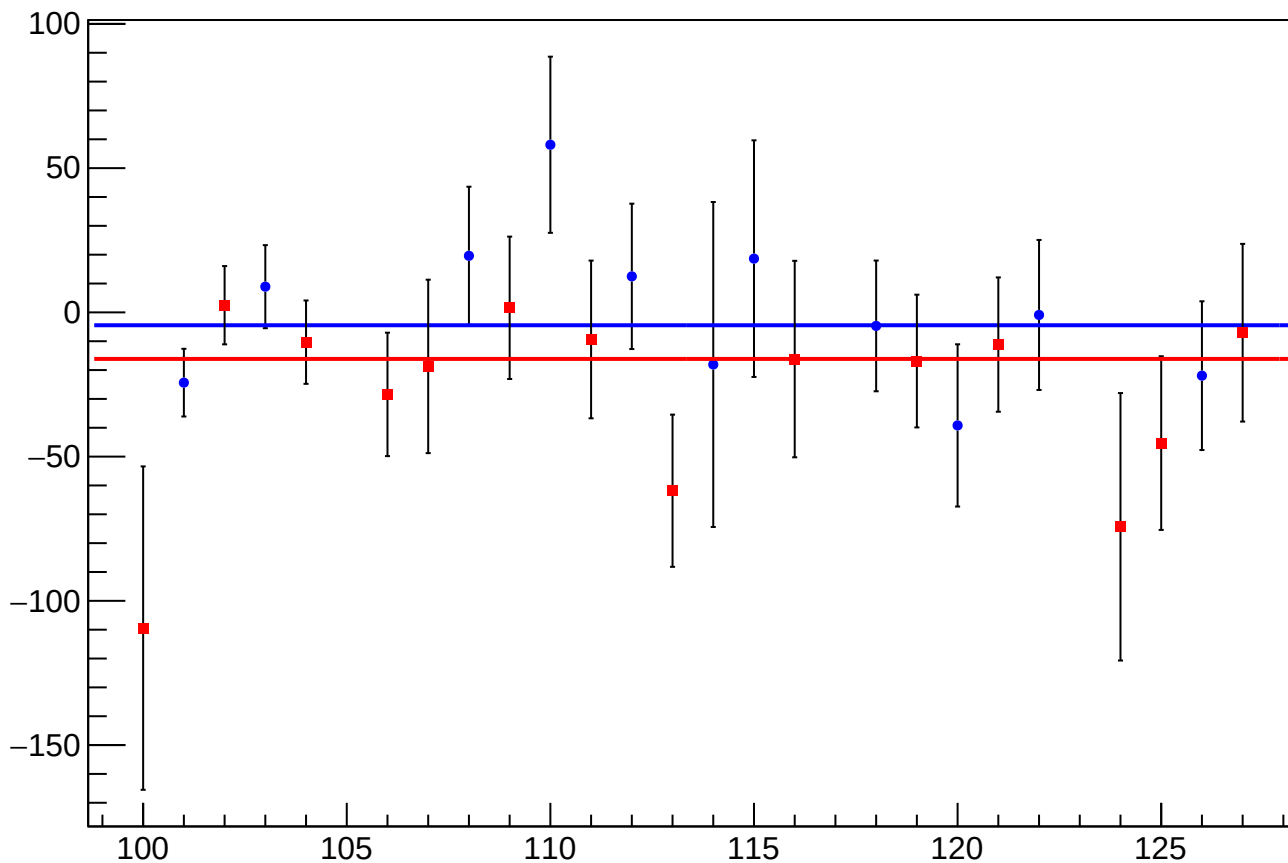
Right Out: 7081.827 $\pm$ 2.187 χ^2 /NDF: 407272.9/13

All: 7113.092 $\pm$ 1.626 χ^2 /NDF: 712127.2/24

- 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_bpm1X_mean vs Slug



Right In: -4.464+/-6.513 χ^2/NDF : 11.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.134+/-6.266 χ^2/NDF : 11.4/13

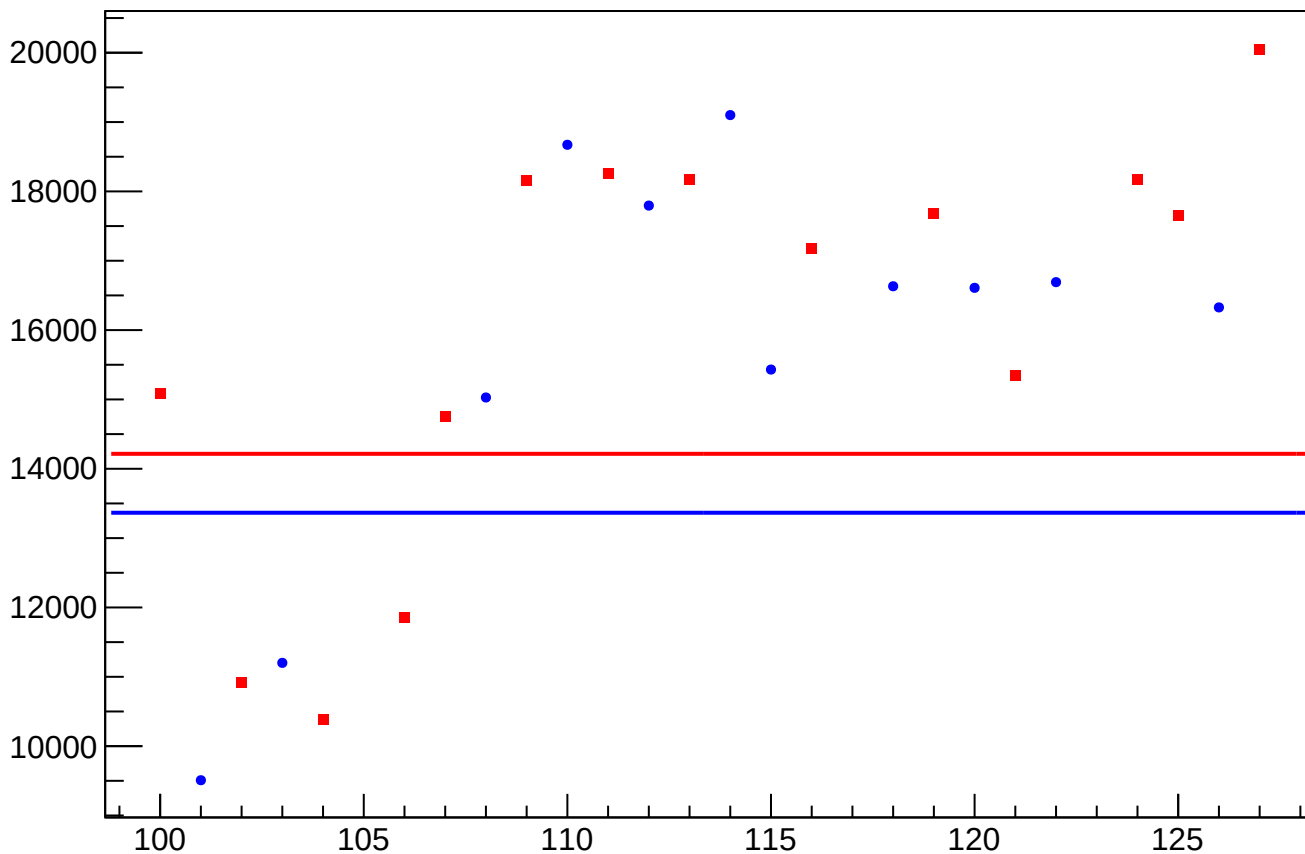
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.524+/-4.516 χ^2/NDF : 24.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1X_rms vs Slug



Right In: 13366.093+/-4.605 χ^2/NDF : 546067.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

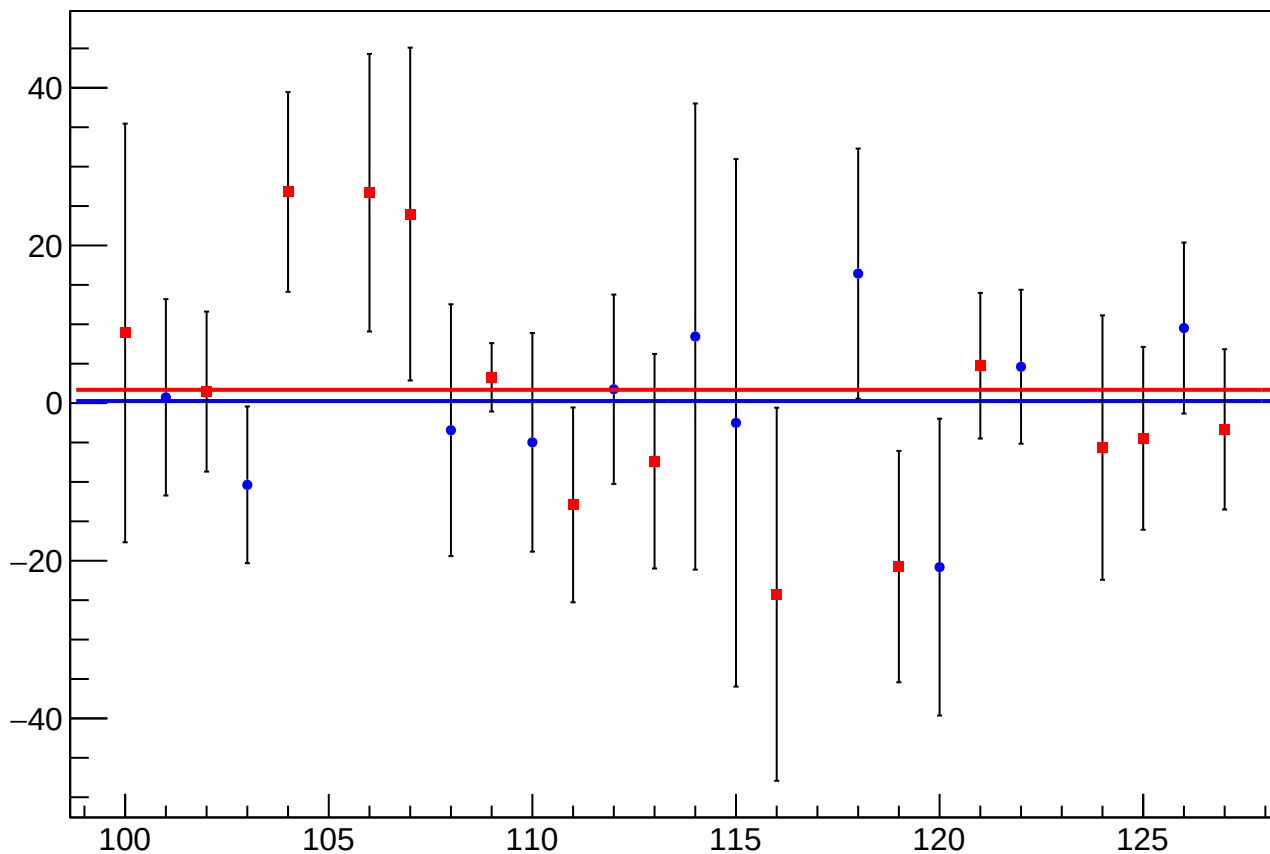
Right Out: 14215.711+/-4.431 χ^2/NDF : 601551.4/13

All: 13807.274+/-3.193 χ^2/NDF : 1165293.9/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1Y_mean vs Slug



Right In: 0.265+/-4.068 χ^2/NDF : 4.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.685+/-2.809 χ^2/NDF : 13.5/13

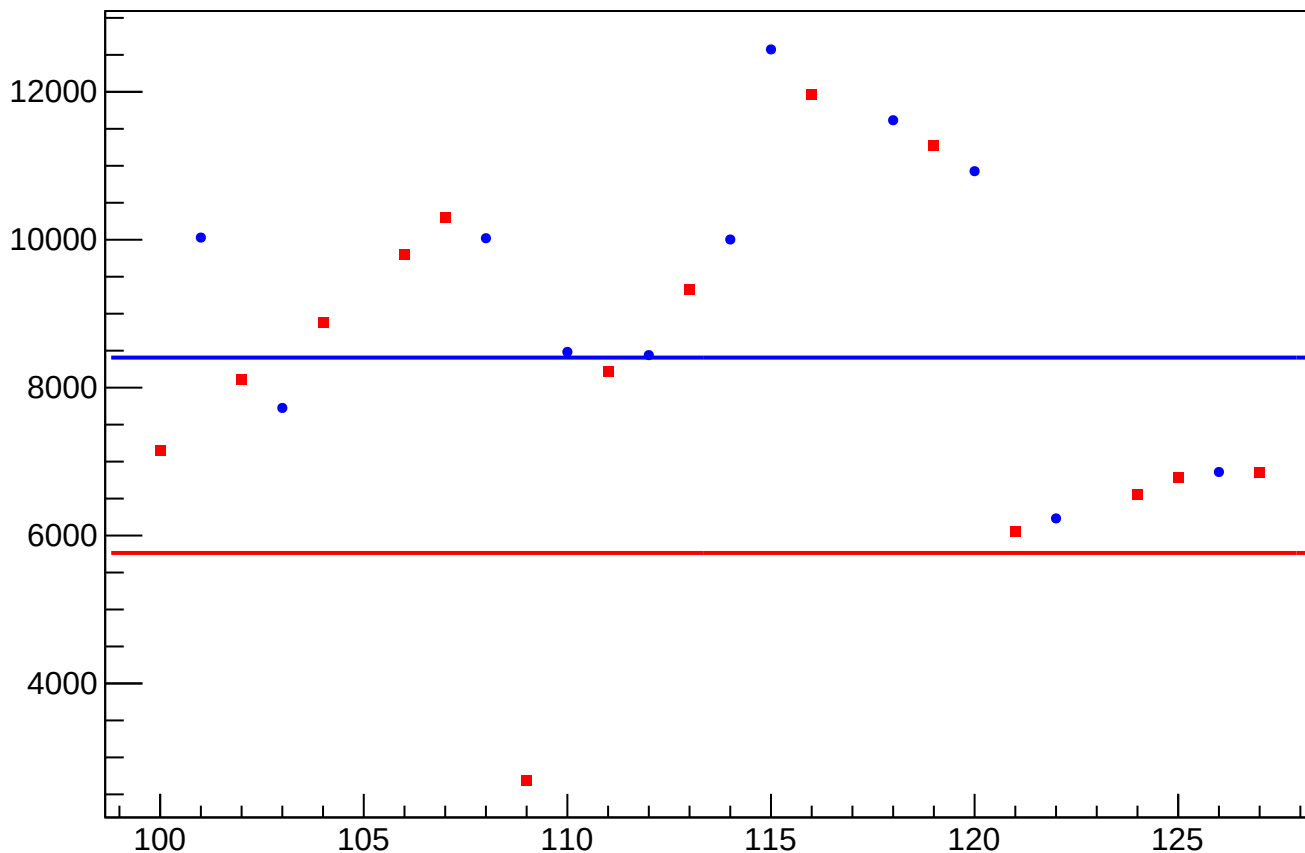
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.226+/-2.311 χ^2/NDF : 18.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1Y_rms vs Slug



Right In: 8406.399+/-2.877 χ^2/NDF : 358179.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

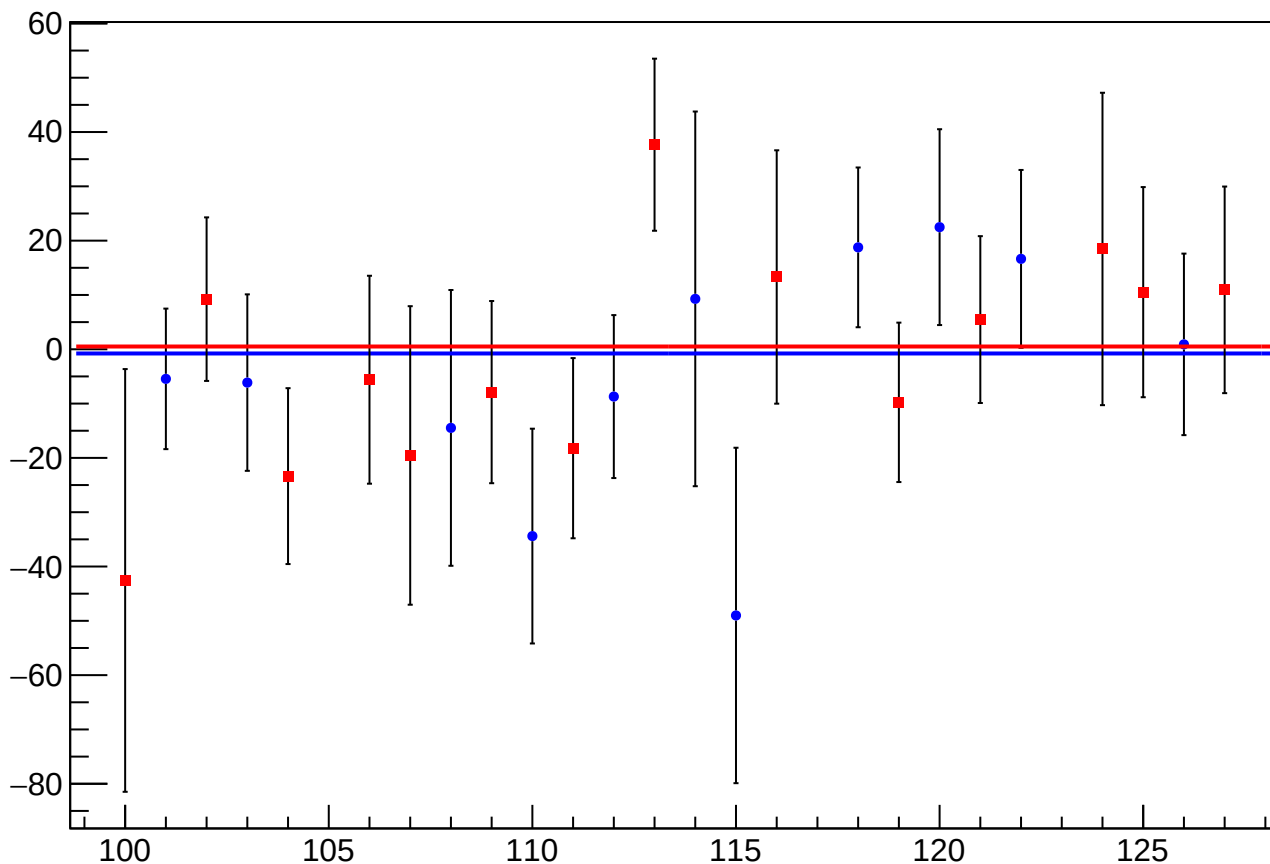
Right Out: 5764.710+/-1.986 χ^2/NDF : 2119162.9/13

All: 6617.471+/-1.634 χ^2/NDF : 3048405.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm11X_mean vs Slug



Right In: -0.774+/-5.329 χ^2/NDF : 10.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.509+/-4.910 χ^2/NDF : 13.2/13

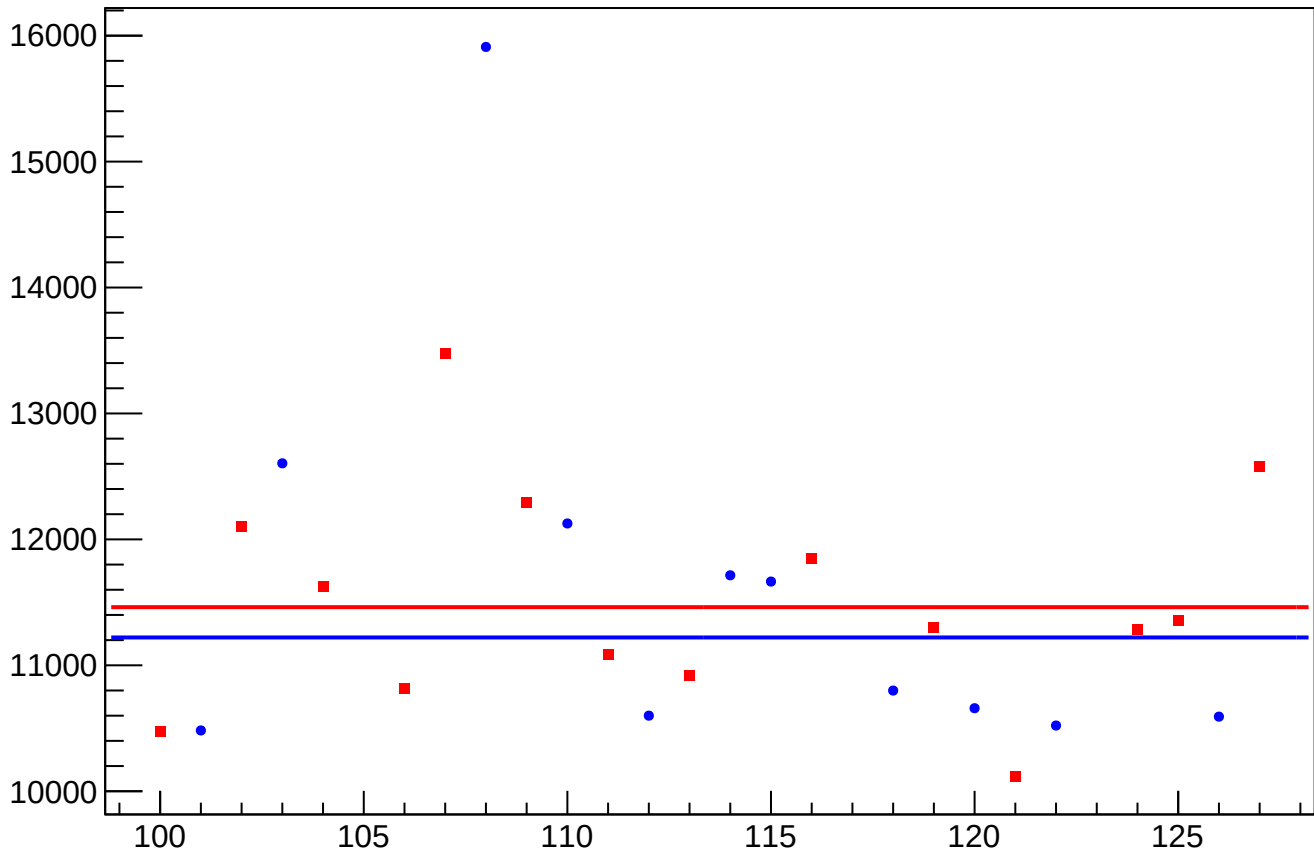
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.080+/-3.611 χ^2/NDF : 24.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm11X_rms vs Slug



Right In: 11221.133+/-3.768 χ^2/NDF : 107744.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

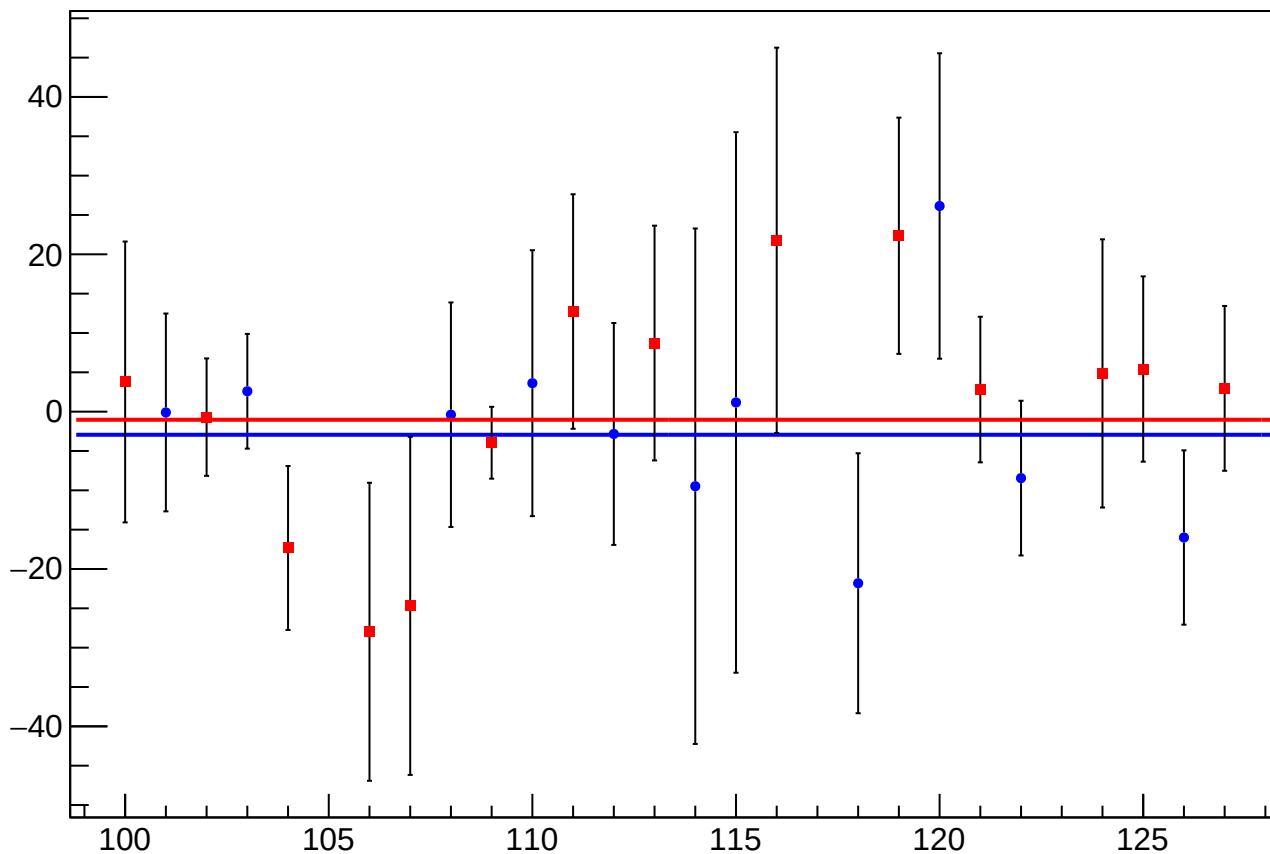
Right Out: 11461.705+/-3.472 χ^2/NDF : 49573.2/13

All: 11351.234+/-2.553 χ^2/NDF : 159522.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm11Y_mean vs Slug



Right In: -2.938+/-3.918 χ^2/NDF : 6.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.030+/-2.776 χ^2/NDF : 11.5/13

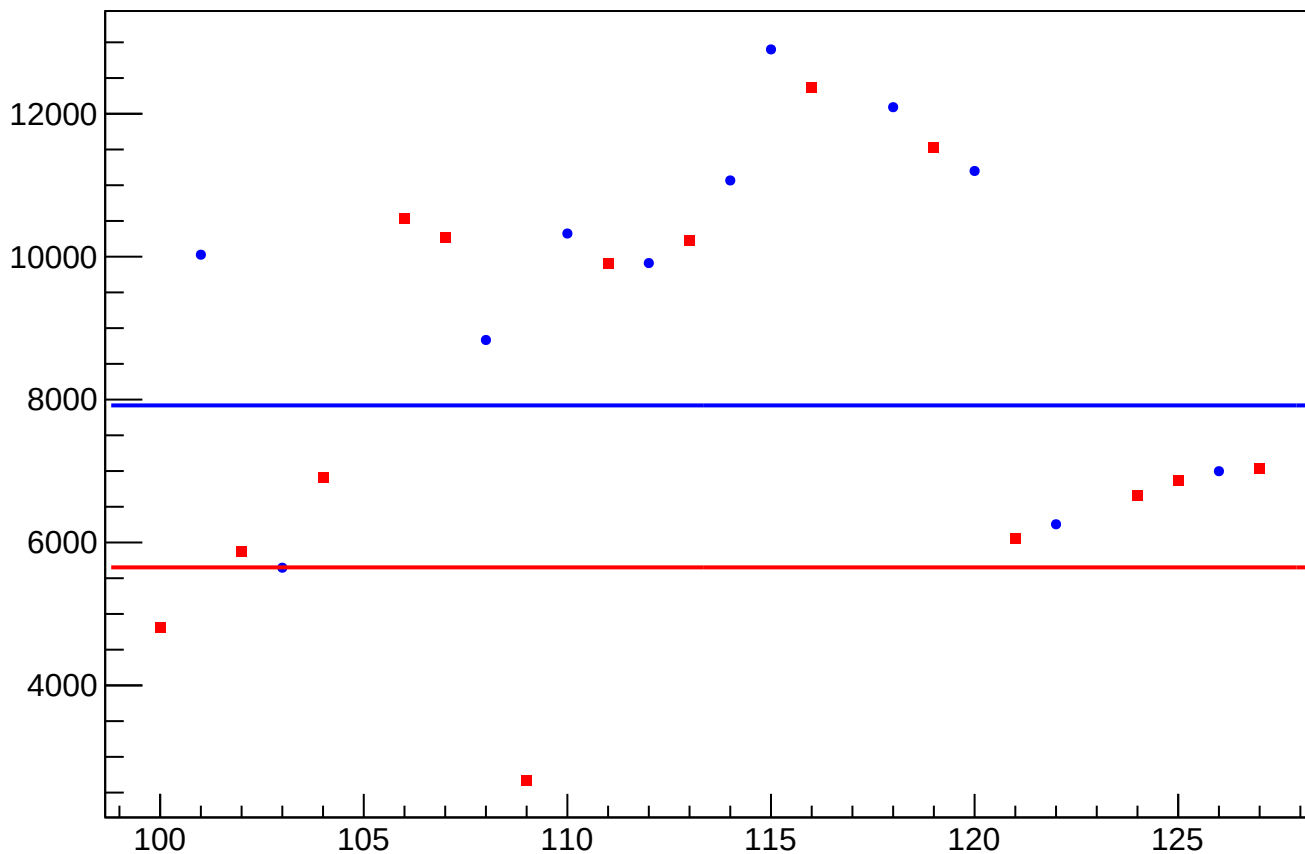
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.668+/-2.265 χ^2/NDF : 17.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm11Y_rms vs Slug



Right In: 7918.459+/-2.770 χ^2/NDF : 655370.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

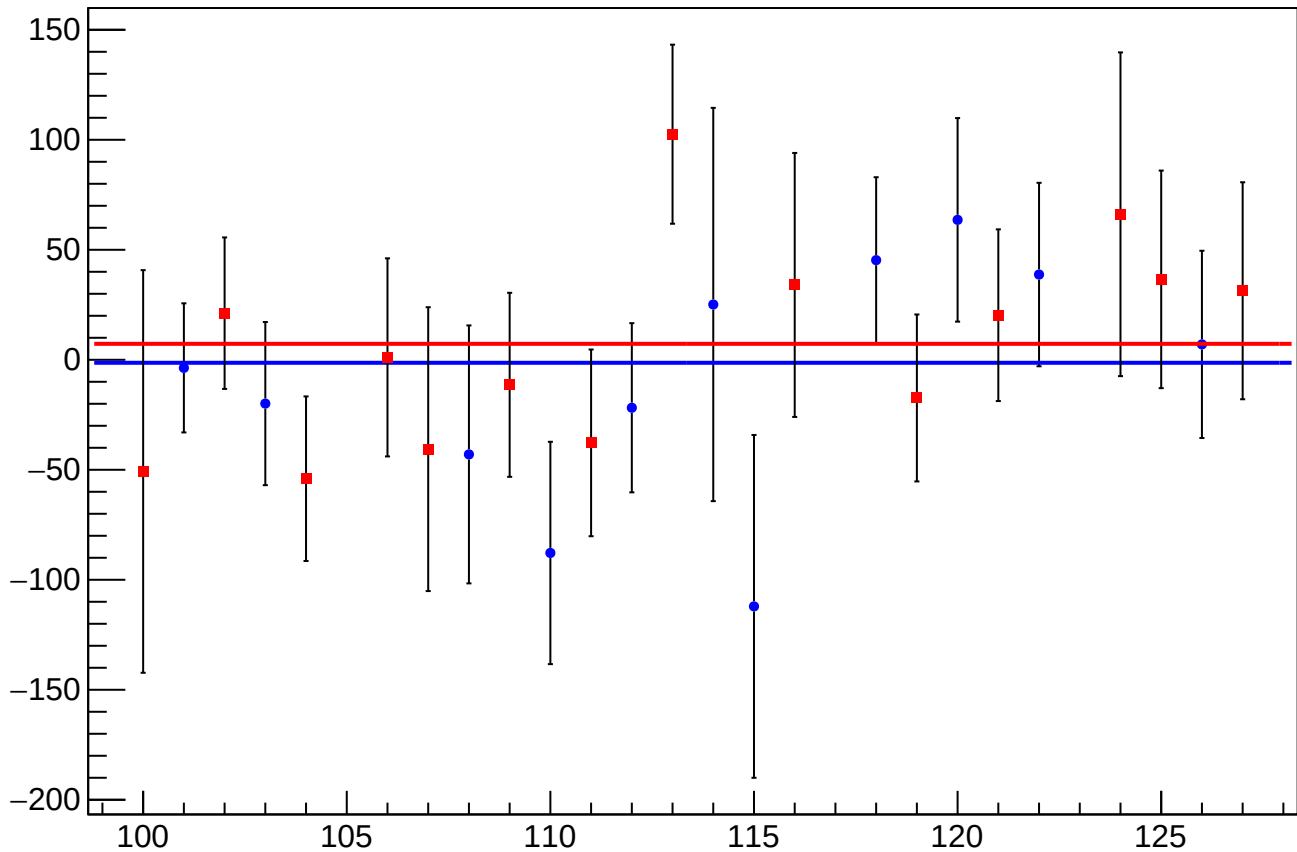
Right Out: 5651.847+/-1.963 χ^2/NDF : 1989420.3/13

All: 6409.651+/-1.602 χ^2/NDF : 3090455.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm12X_mean vs Slug



Right In: -1.361+/-13.090 χ^2/NDF : 10.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.256+/-12.148 χ^2/NDF : 12.6/13

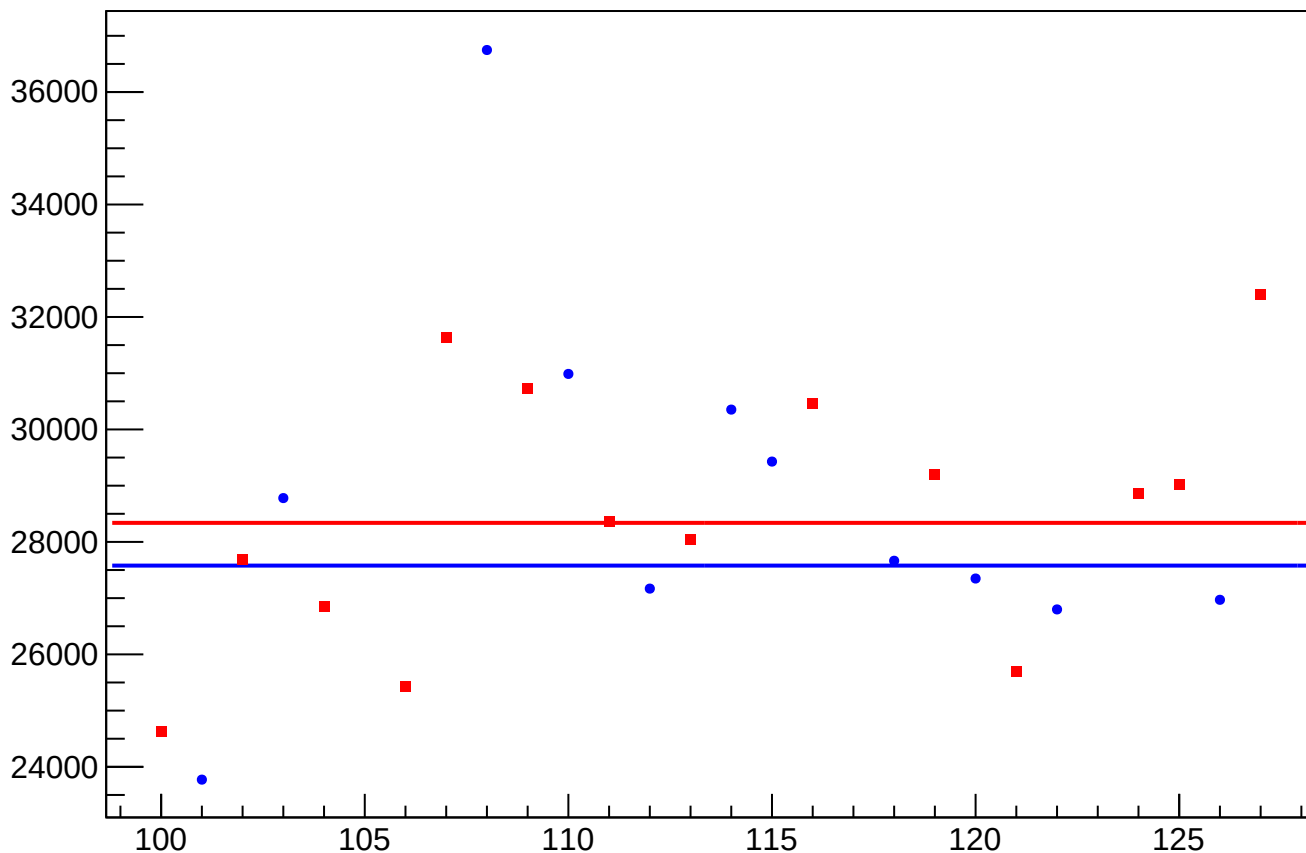
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.268+/-8.905 χ^2/NDF : 23.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm12X_rms vs Slug



Right In: 27578.767 ± 9.256 χ^2/NDF : 98206.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 28338.692 ± 8.590 χ^2/NDF : 54135.9/13

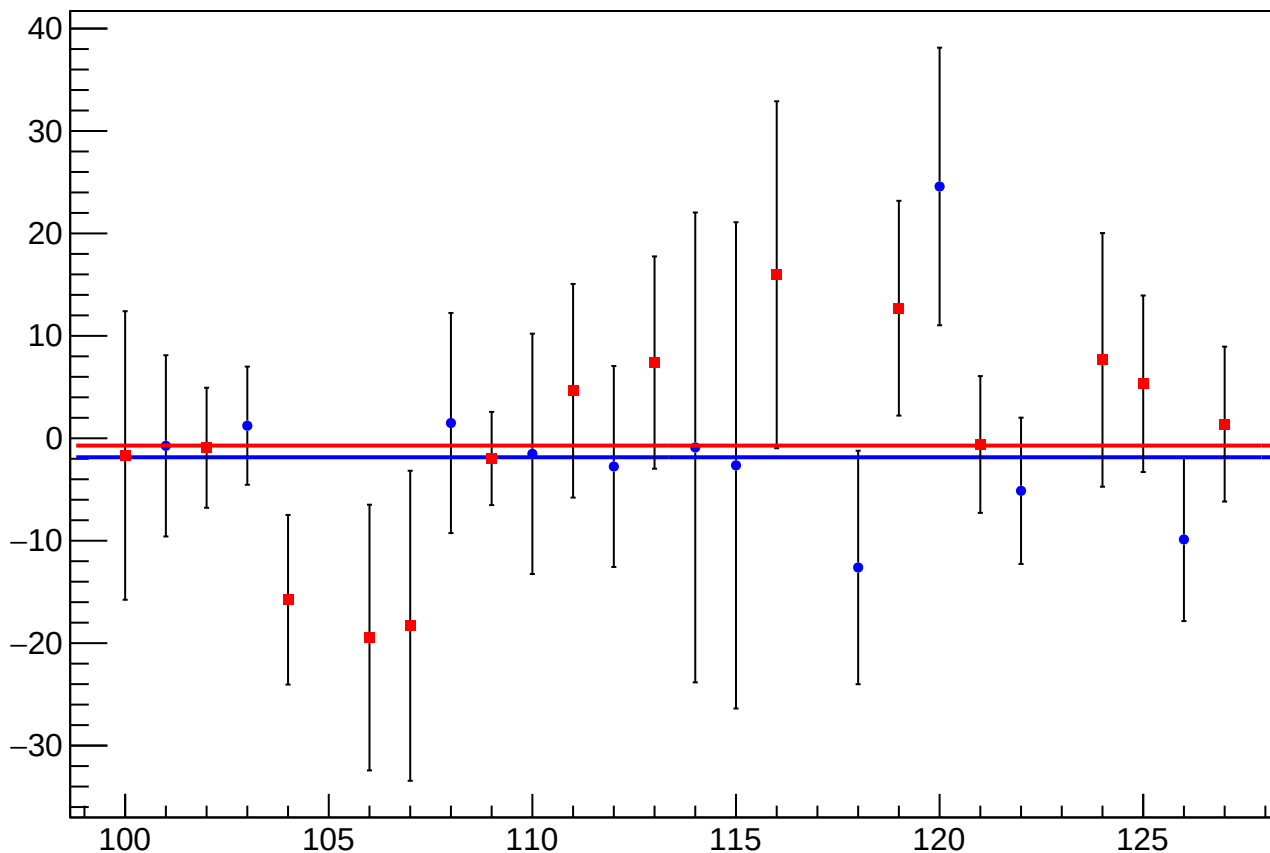
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 27987.039 ± 6.296 χ^2/NDF : 155964.0/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm12Y_mean vs Slug



Right In: -1.853+/-2.871 χ^2/NDF : 6.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.711+/-2.245 χ^2/NDF : 11.3/13

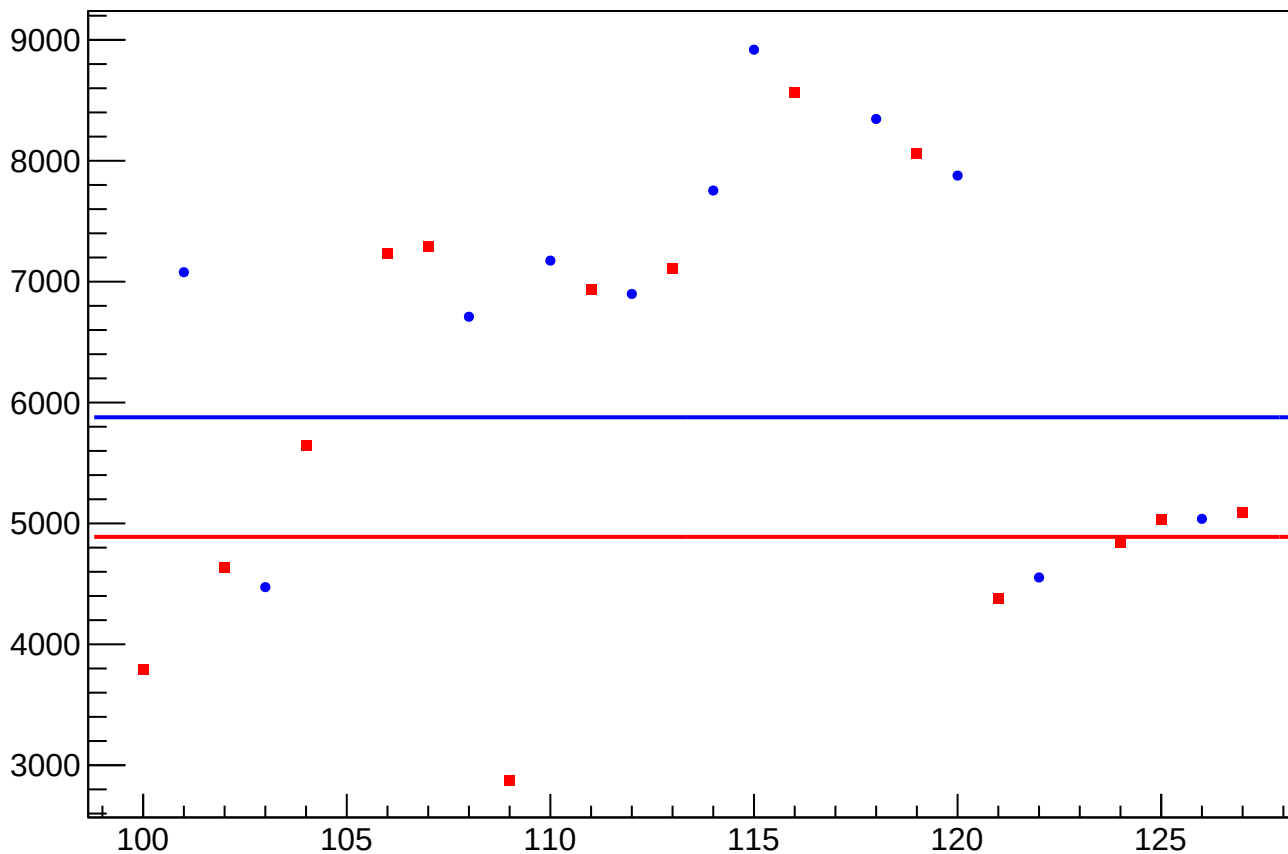
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.144+/-1.769 χ^2/NDF : 17.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm12Y_rms vs Slug



Right In: 5878.041+/-2.030 χ^2/NDF : 488082.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4888.768+/-1.588 χ^2/NDF : 999812.7/13

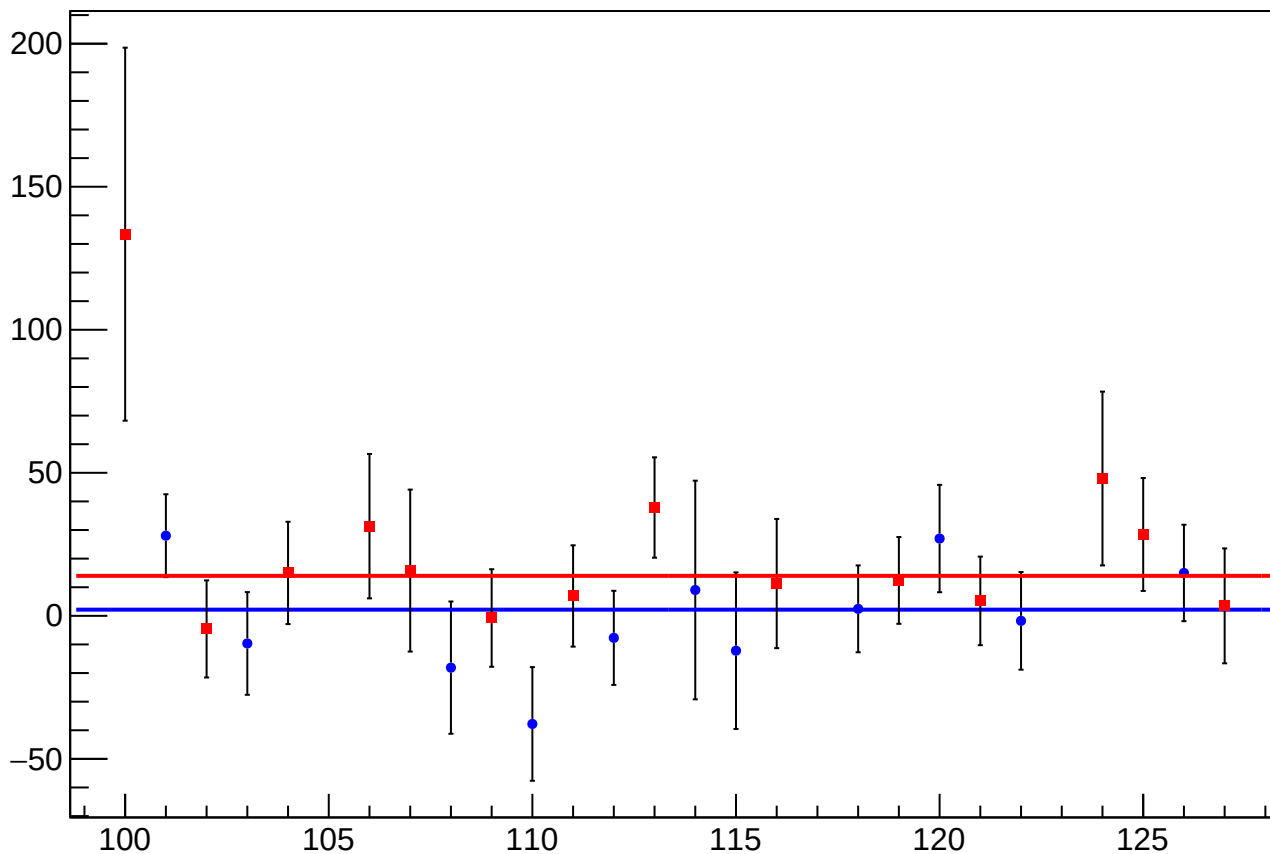
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5264.206+/-1.251 χ^2/NDF : 1635241.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm16X_mean vs Slug



Right In: 2.161+/-5.580 χ^2/NDF : 11.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.982+/-5.260 χ^2/NDF : 10.2/13

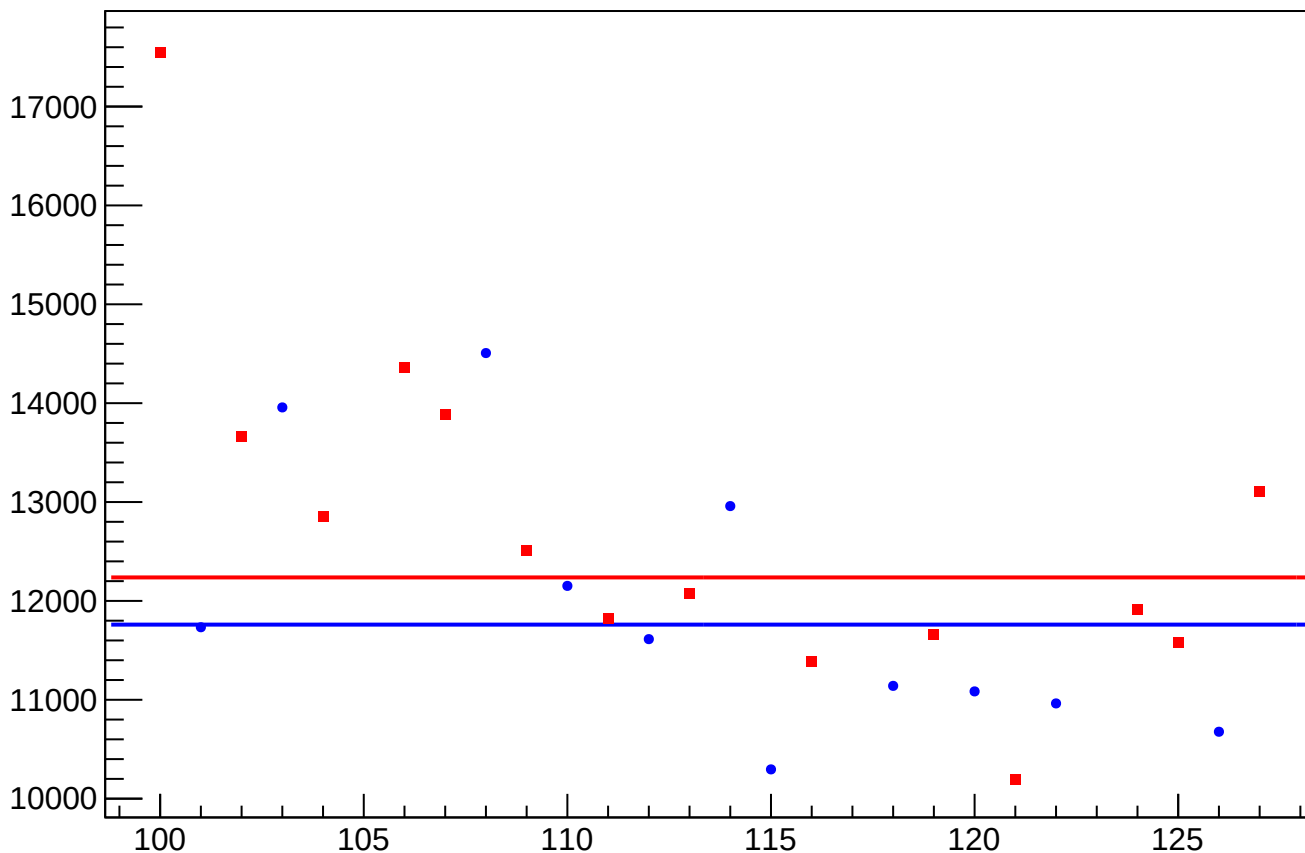
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.420+/-3.828 χ^2/NDF : 24.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm16X_rms vs Slug



Right In: 11760.276+/-3.946 χ^2/NDF : 85353.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12237.580+/-3.720 χ^2/NDF : 99253.3/13

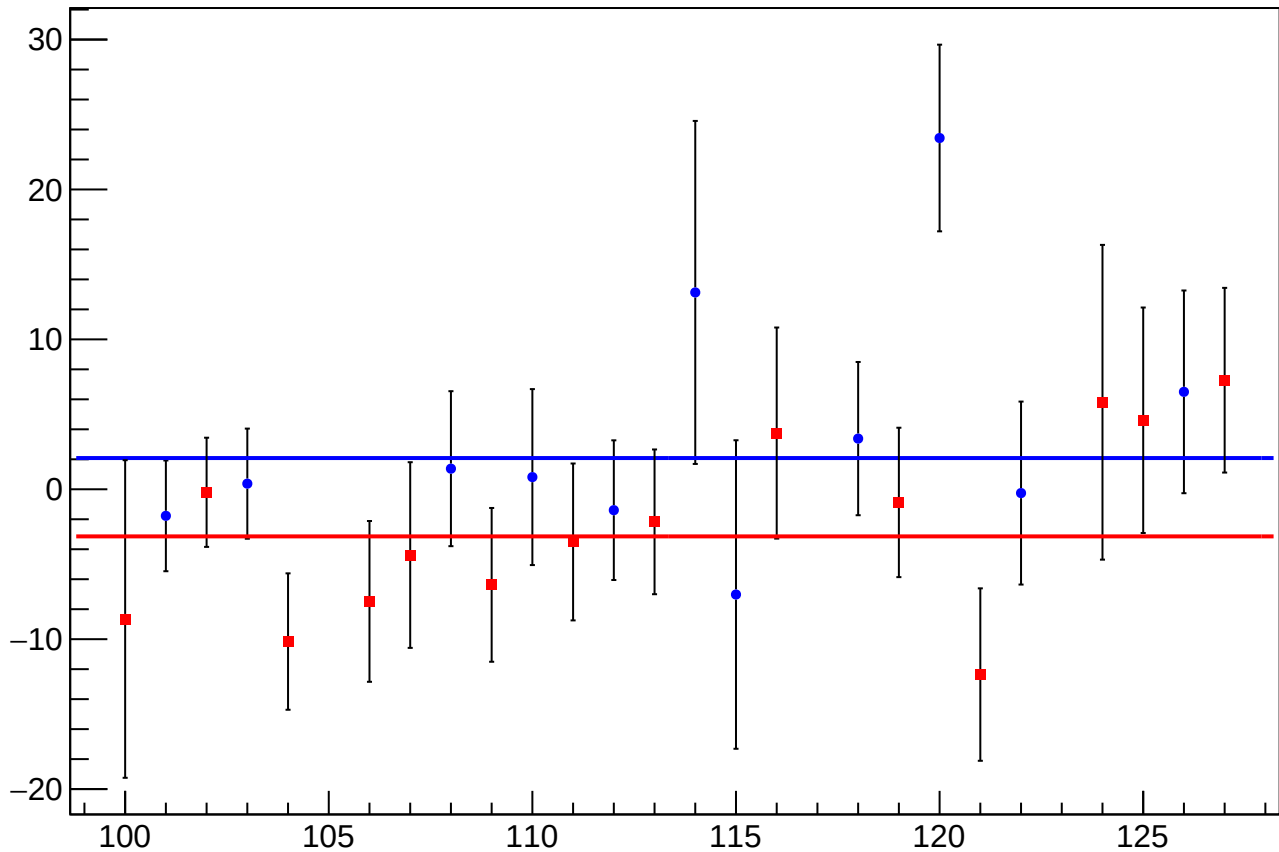
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12013.013+/-2.707 χ^2/NDF : 192353.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm16Y_mean vs Slug



Right In: 2.083+/-1.602 χ^2/NDF : 16.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.142+/-1.483 χ^2/NDF : 12.8/13

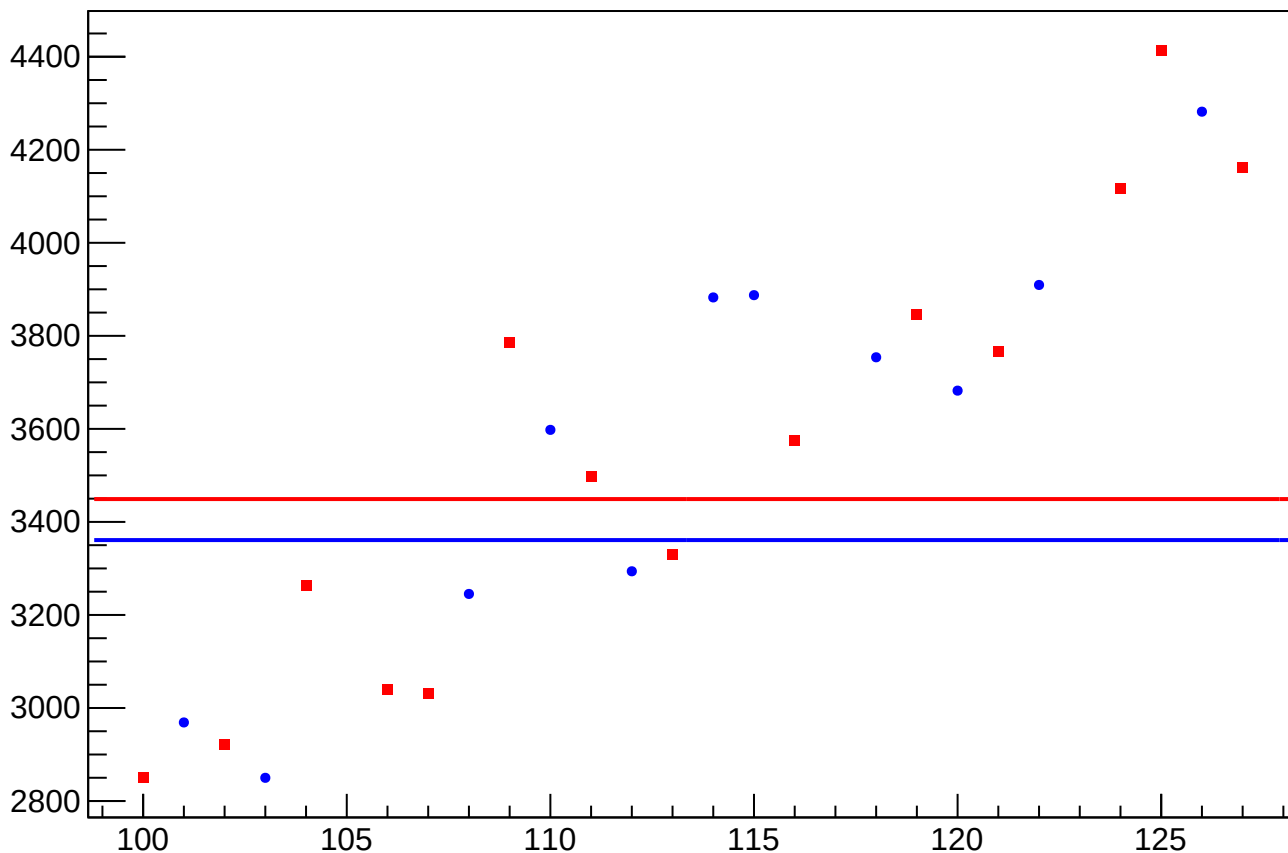
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.730+/-1.088 χ^2/NDF : 34.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm16Y_rms vs Slug



Right In: 3360.955+/-1.133 χ^2/NDF : 145711.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

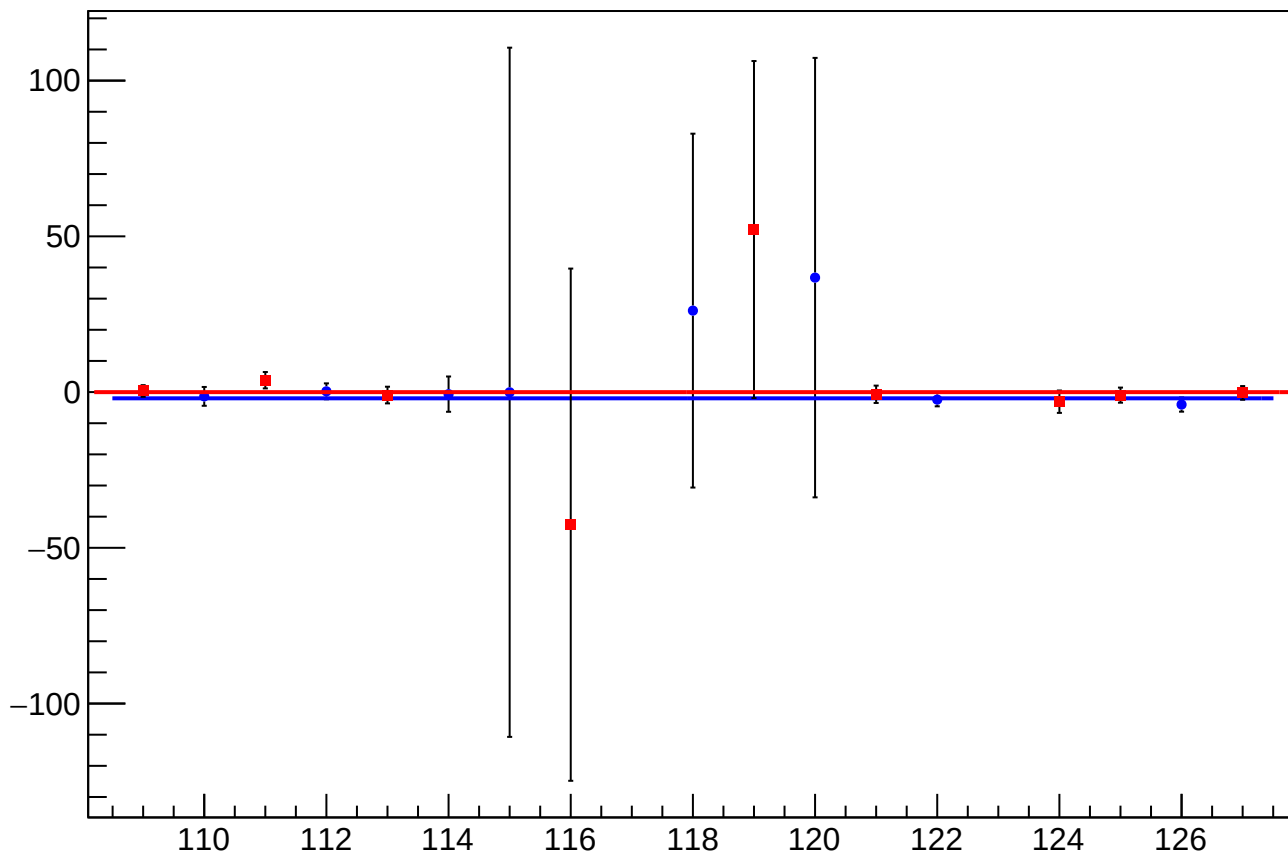
Right Out: 3449.112+/-1.049 χ^2/NDF : 169794.7/13

All: 3408.419+/-0.769 χ^2/NDF : 318768.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1p02bX_mean vs Slug



Right In: -2.005 ± 1.195 χ^2/NDF : 2.2/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.019 ± 0.931 χ^2/NDF : 4.5/8

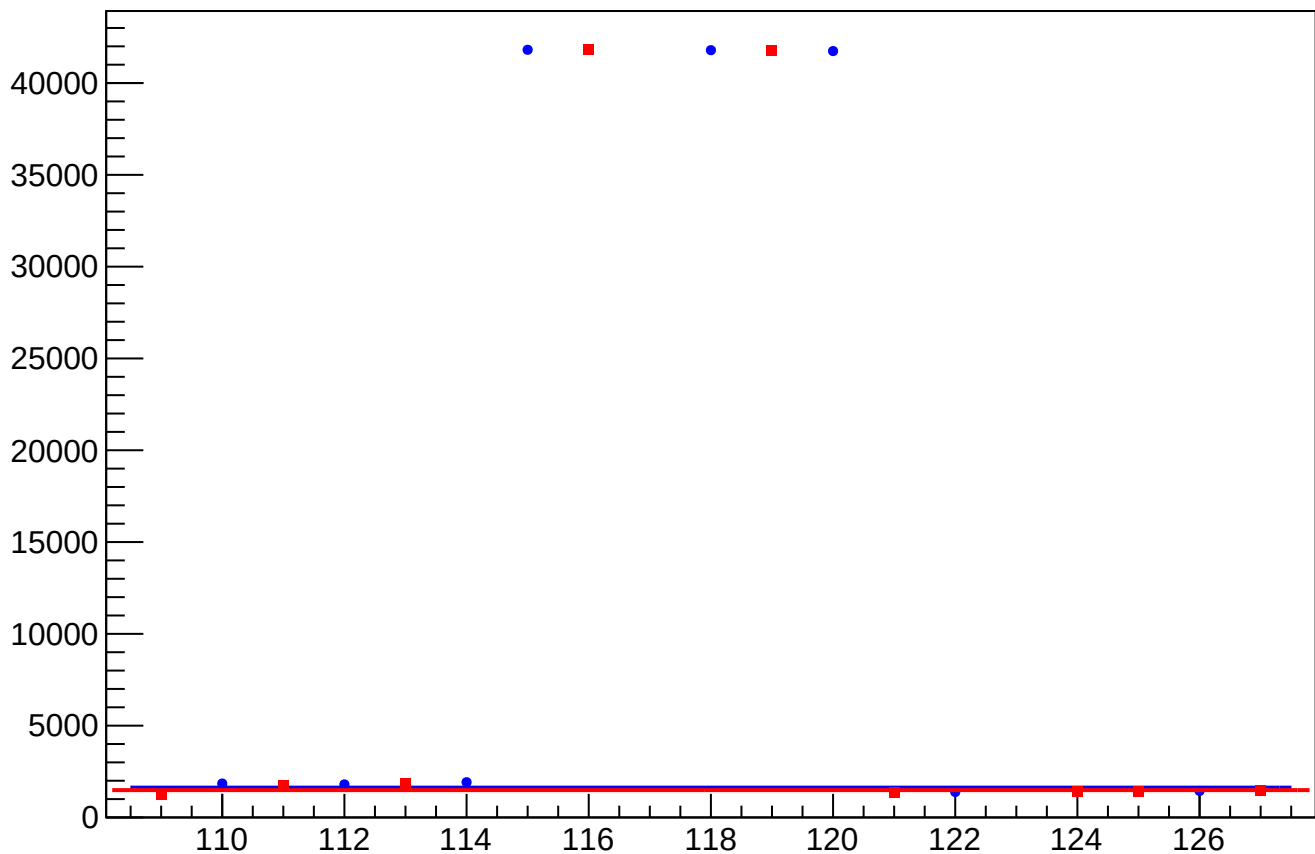
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.769 ± 0.734 χ^2/NDF : 8.4/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm1p02bX_rms vs Slug



Right In: 1623.276+/-0.845 χ^2/NDF : 1972945.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1489.085+/-0.658 χ^2/NDF : 1688144.8/8

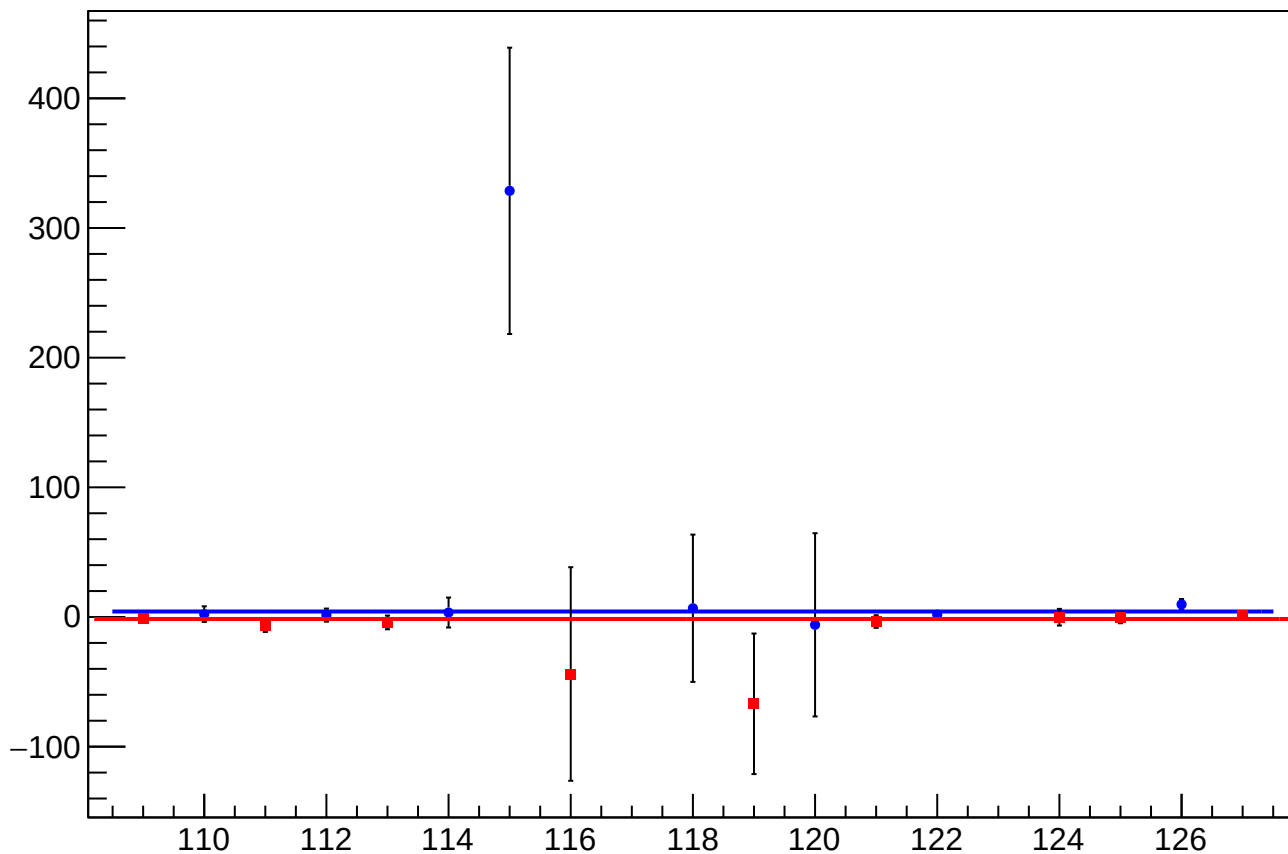
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1539.767+/-0.519 χ^2/NDF : 3676794.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1p02bY_mean vs Slug



Right In: 4.232 $\pm$ 2.220 χ^2 /NDF: 11.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.538 $\pm$ 1.623 χ^2 /NDF: 3.7/8

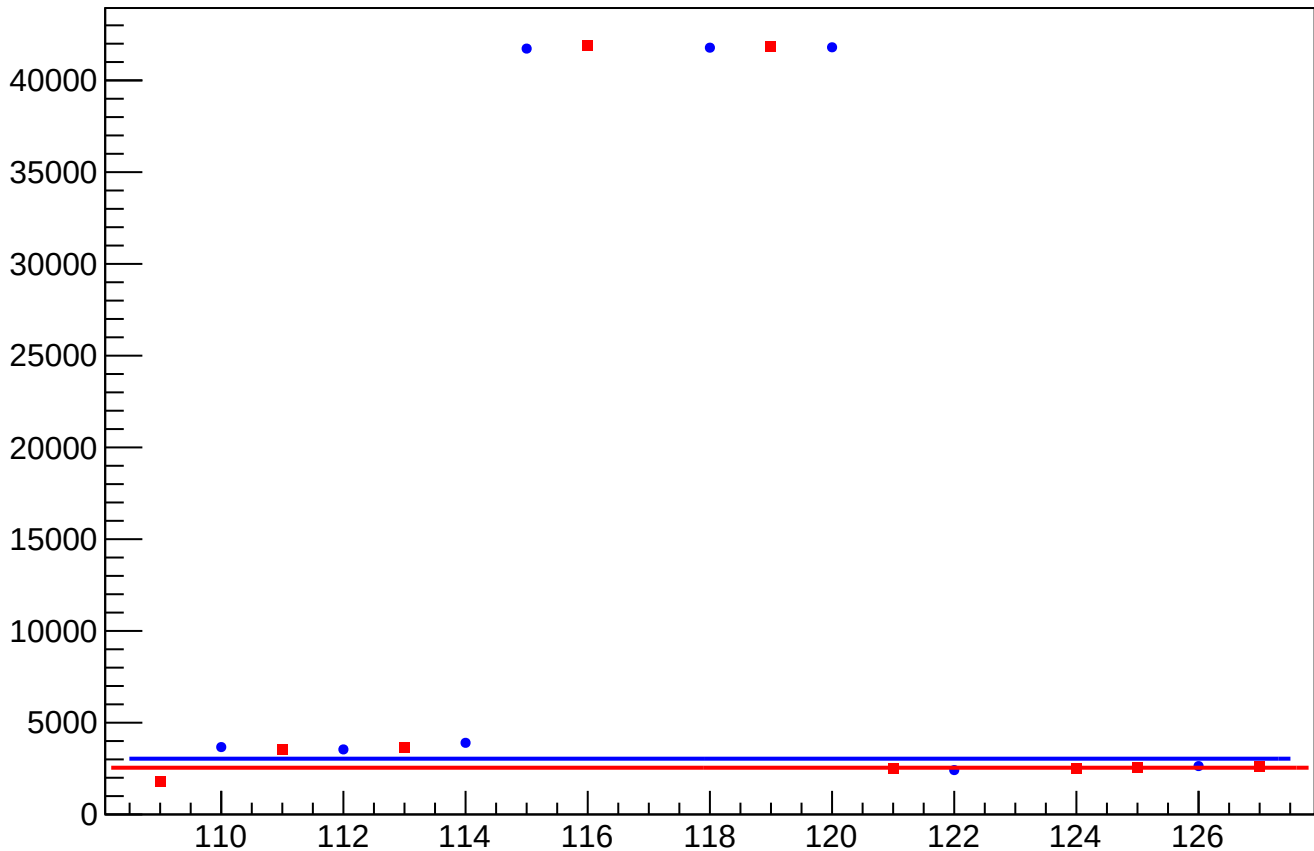
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.472 $\pm$ 1.310 χ^2 /NDF: 19.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1p02bY_rms vs Slug



Right In: 3038.992+/-1.569 χ^2/NDF : 1904697.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

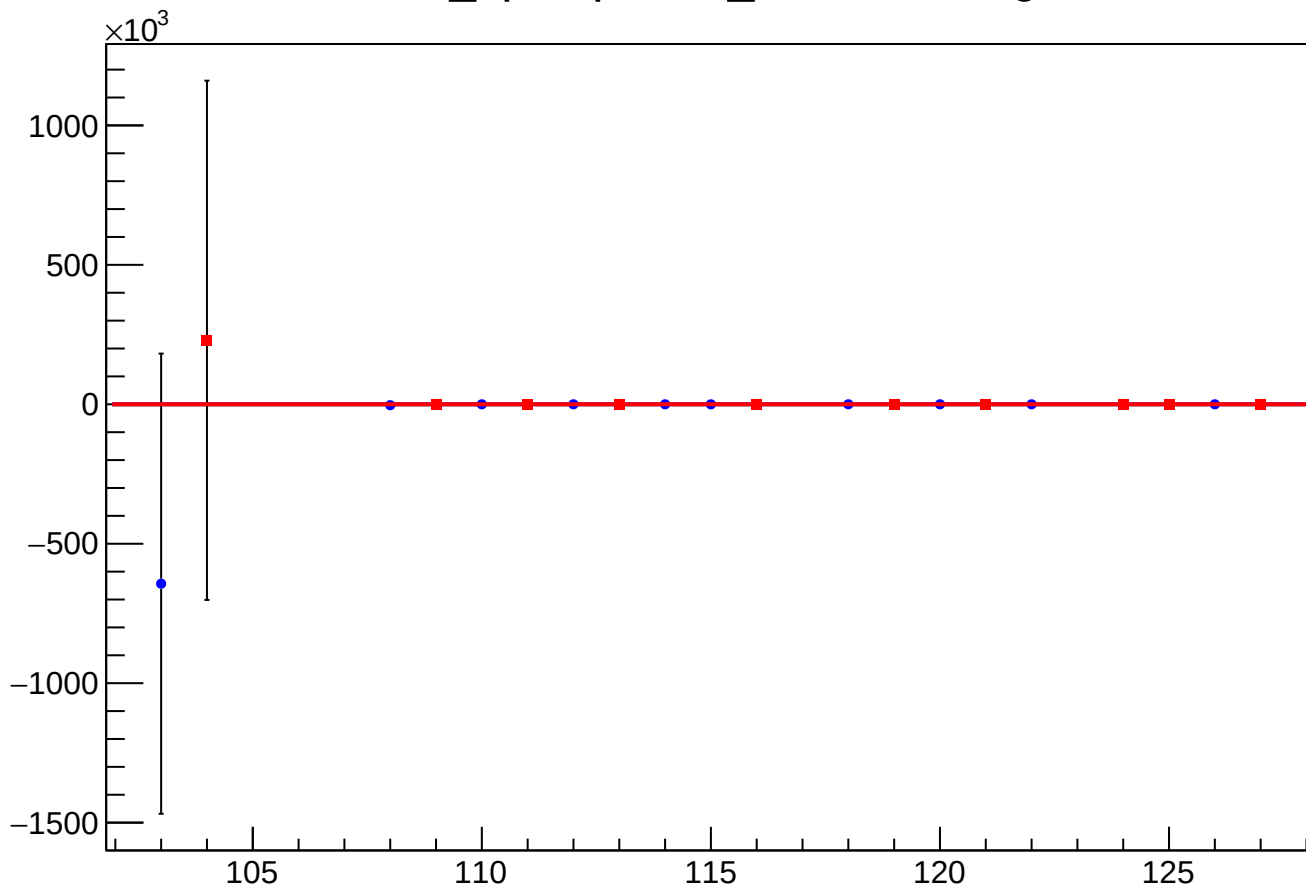
Right Out: 2546.739+/-1.147 χ^2/NDF : 1803918.9/8

All: 2718.204+/-0.926 χ^2/NDF : 3772720.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1p03aX_mean vs Slug



Right In: 1.673 $\pm$ 2.044 χ^2 /NDF: 11.2/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -5.163 $\pm$ 1.775 χ^2 /NDF: 9.6/9

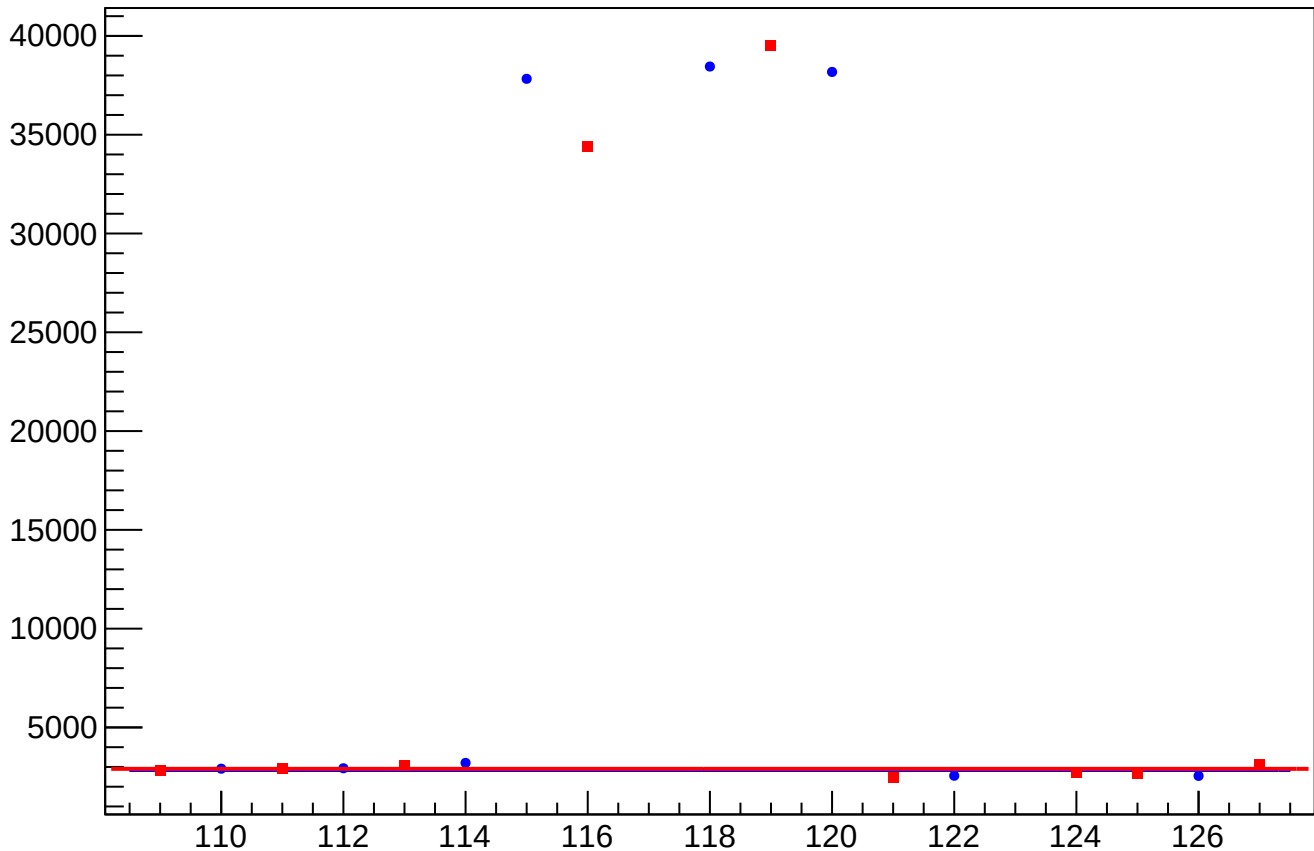
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2.225 $\pm$ 1.340 χ^2 /NDF: 27.1/19

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1p03aX_rms vs Slug



Right In: 2846.163 ± 1.446 χ^2/NDF : 1791693.5/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

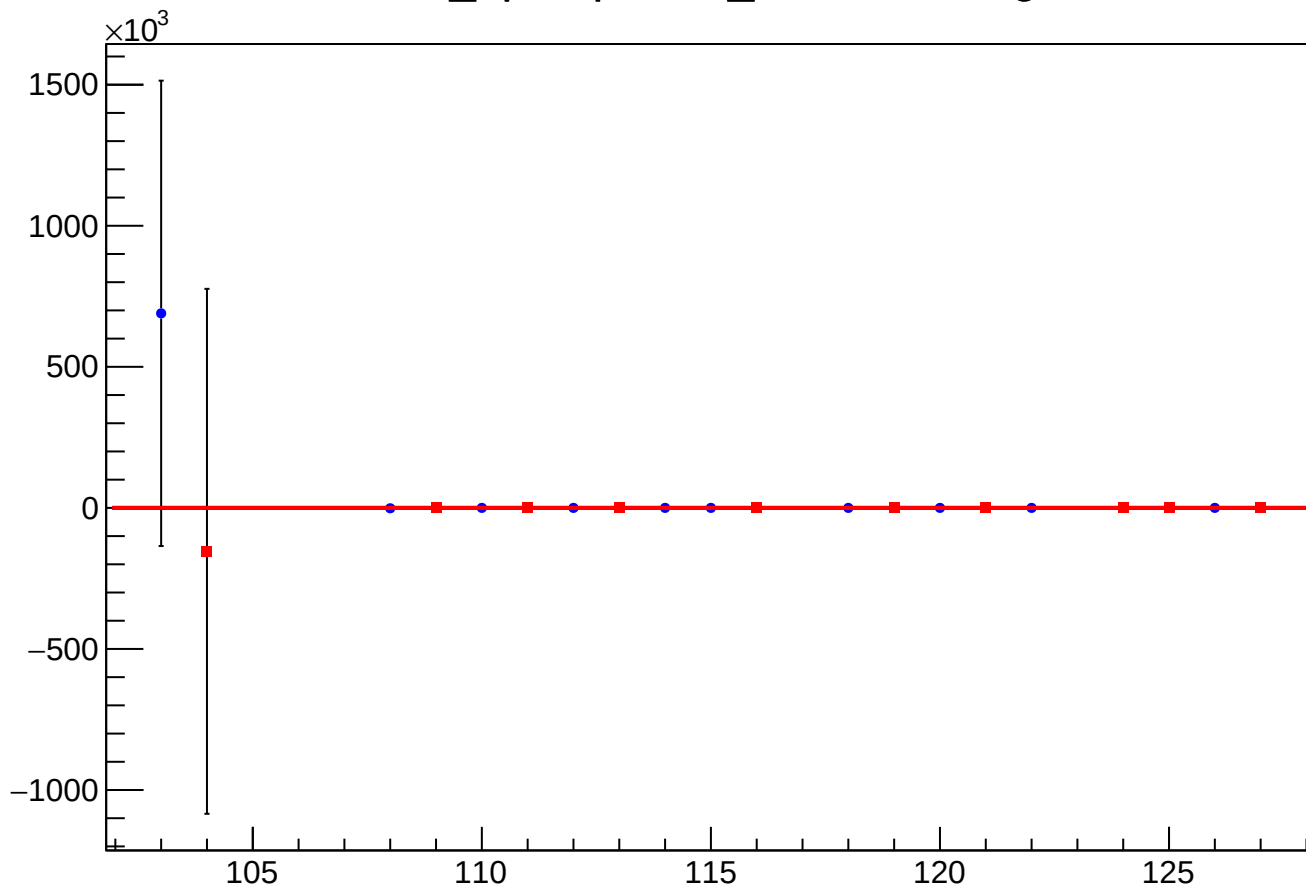
Right Out: 2903.893 ± 1.255 χ^2/NDF : 1485823.9/8

All: 2879.083 ± 0.948 χ^2/NDF : 3278426.7/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm1p03aY_mean vs Slug



Right In: 1.908 $\pm$ 2.005 χ^2 /NDF: 3.4/9

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.889 $\pm$ 1.455 χ^2 /NDF: 2.6/9

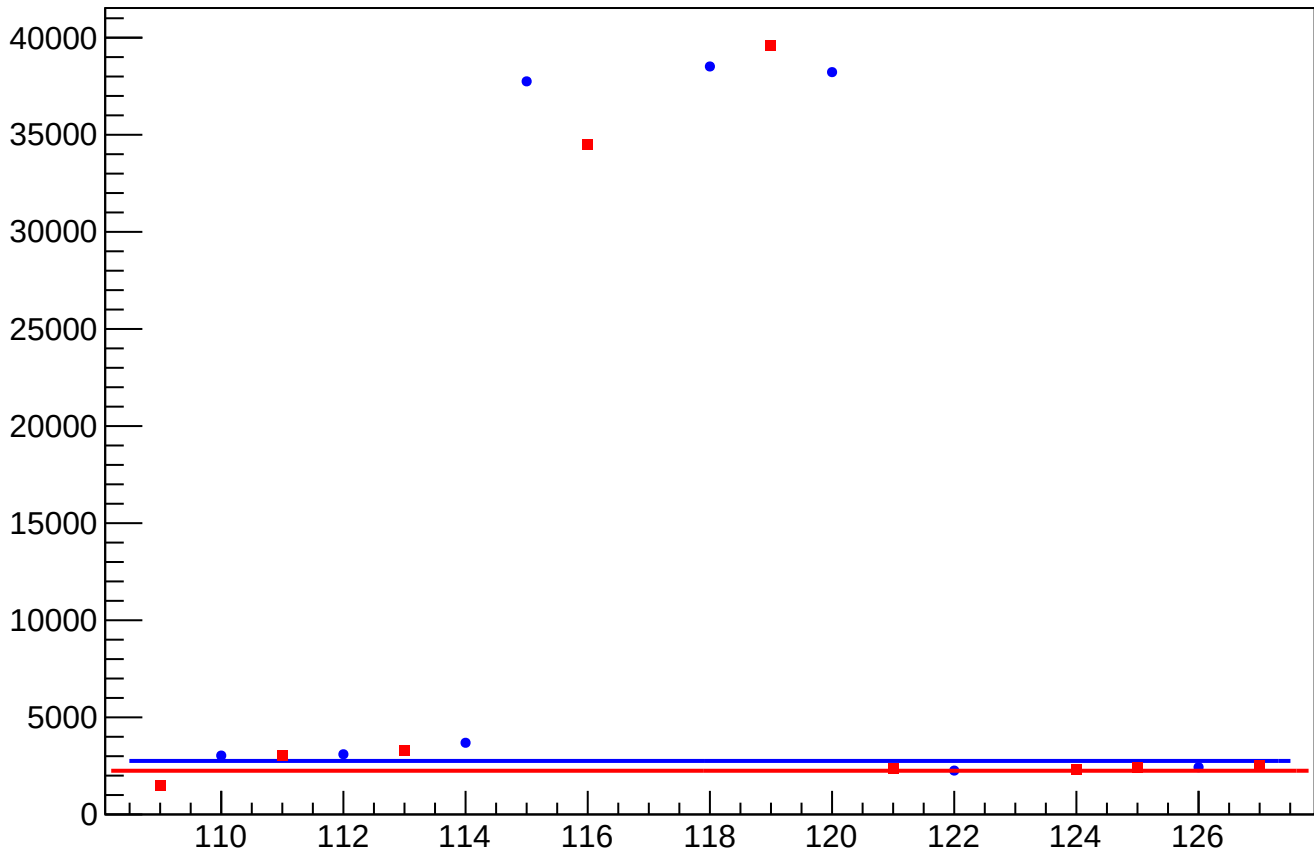
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.579 $\pm$ 1.178 χ^2 /NDF: 8.3/19

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1p03aY_rms vs Slug



Right In: 2756.244+/-1.418 χ^2/NDF : 1861668.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2250.579+/-1.029 χ^2/NDF : 1896179.3/8

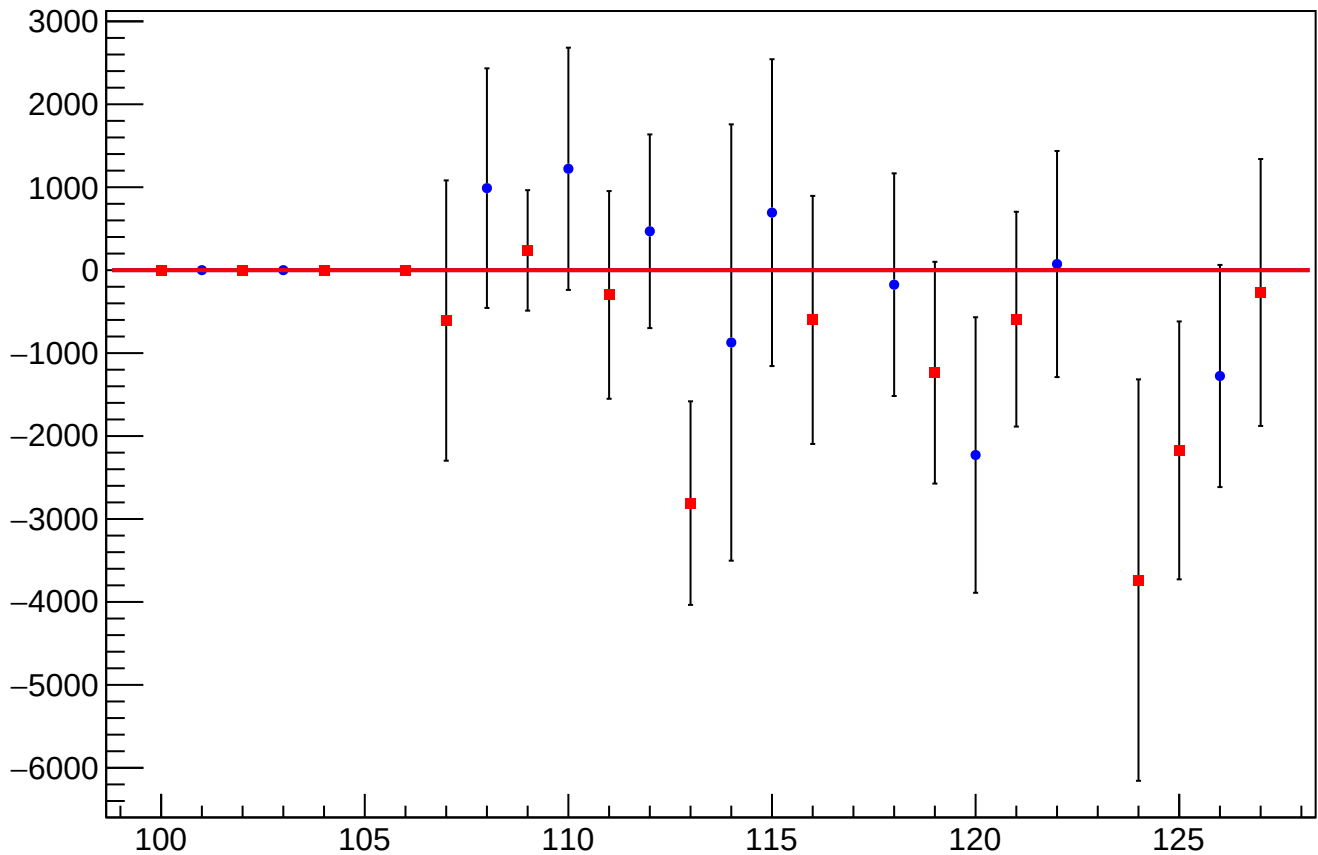
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2425.087+/-0.833 χ^2/NDF : 3841172.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_cav4bX_mean vs Slug



Right In: 0.256 $\pm$ 0.356 χ^2 /NDF: 4.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.096 $\pm$ 0.328 χ^2 /NDF: 14.6/13

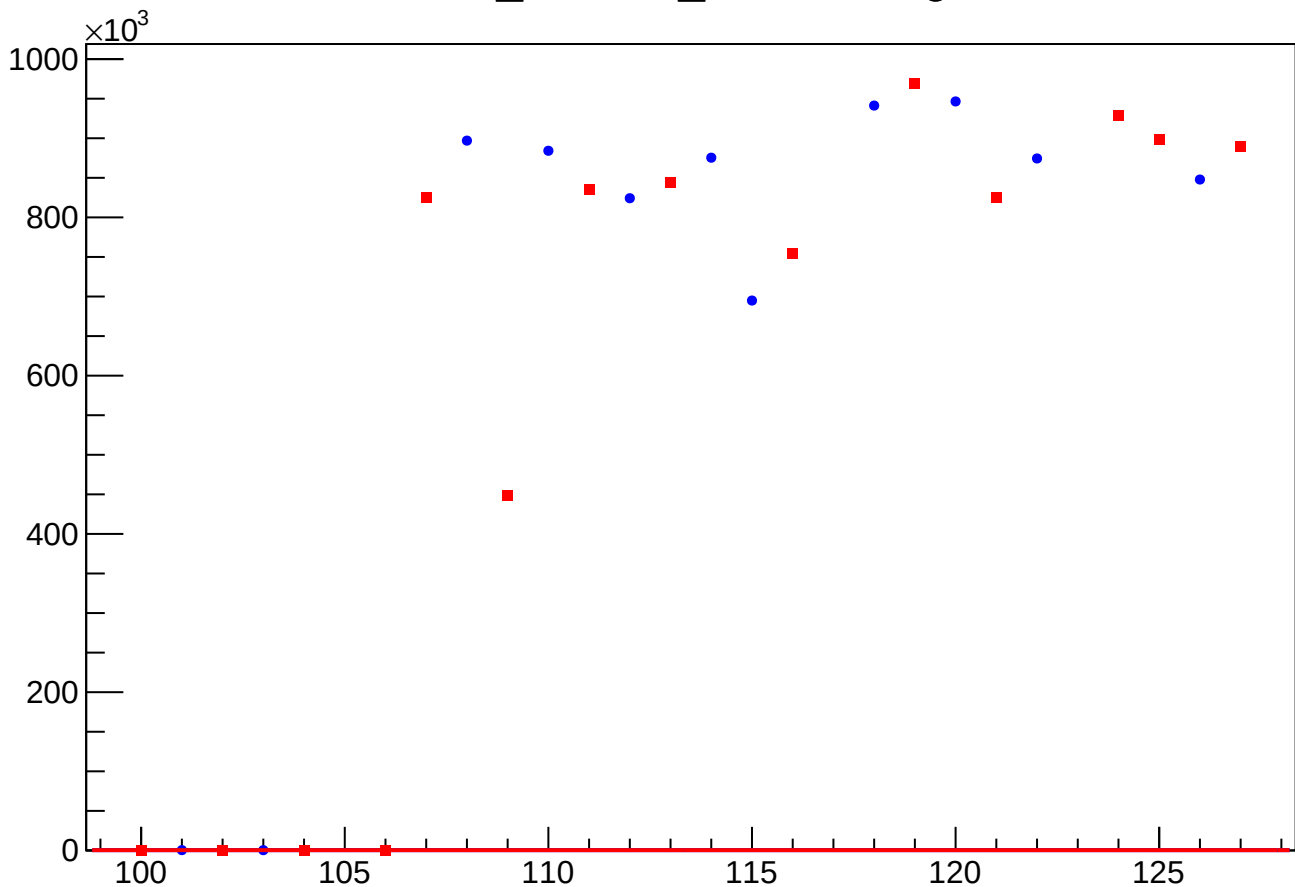
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.169 $\pm$ 0.241 χ^2 /NDF: 19.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_cav4bX_rms vs Slug



Right In: 398.586 $\pm$ 0.251 χ^2/NDF : 5616958.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 393.093 $\pm$ 0.232 χ^2/NDF : 5914672.4/13

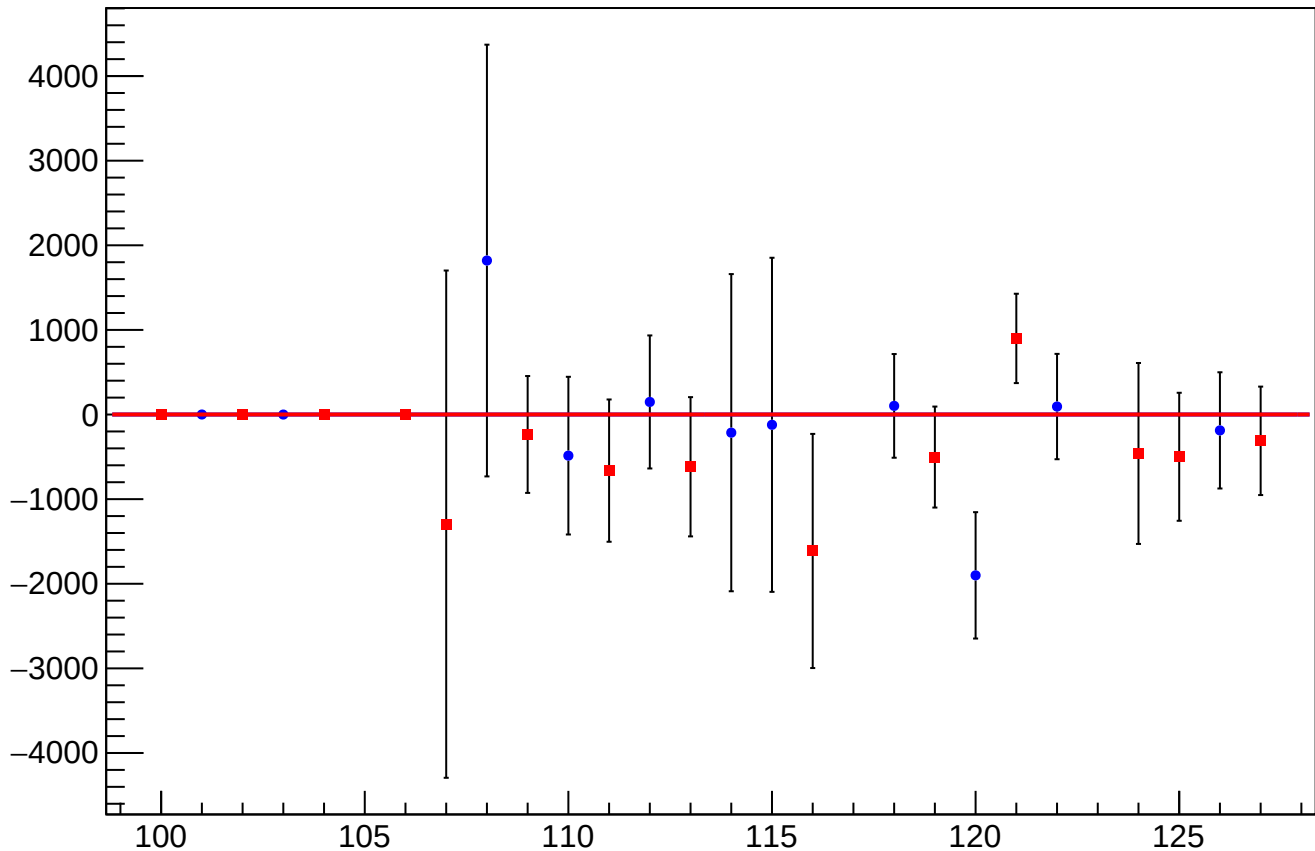
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 395.616 $\pm$ 0.170 χ^2/NDF : 11531888.9/24

- 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 : 8.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.598+/-0.324 χ^2/NDF : 7.4/13

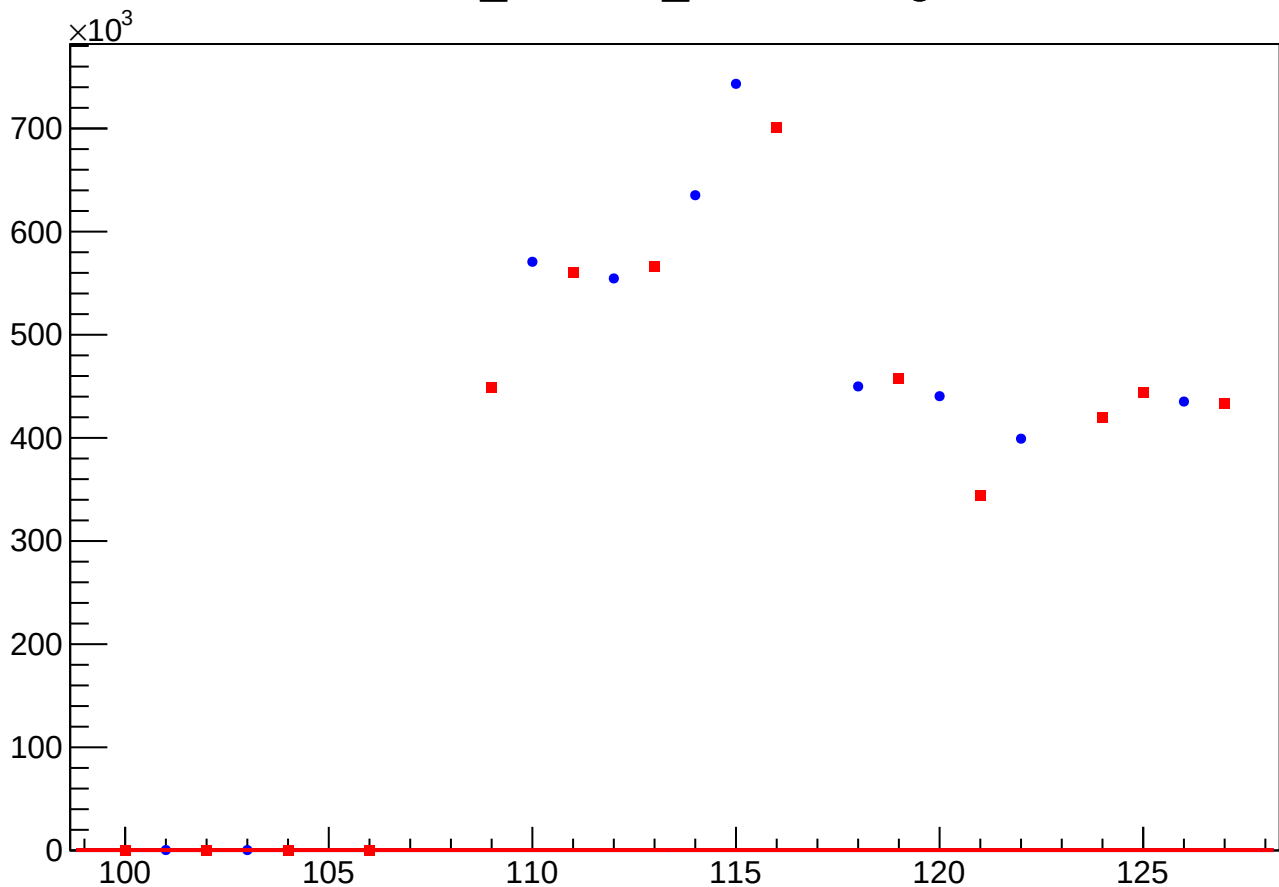
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.310+/-0.237 χ^2/NDF : 17.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_cav4bY_rms vs Slug



Right In: 389.372 $\pm$ 0.245 χ^2/NDF : 5662433.0/9

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 387.376 $\pm$ 0.229 χ^2/NDF : 7117049.1/12

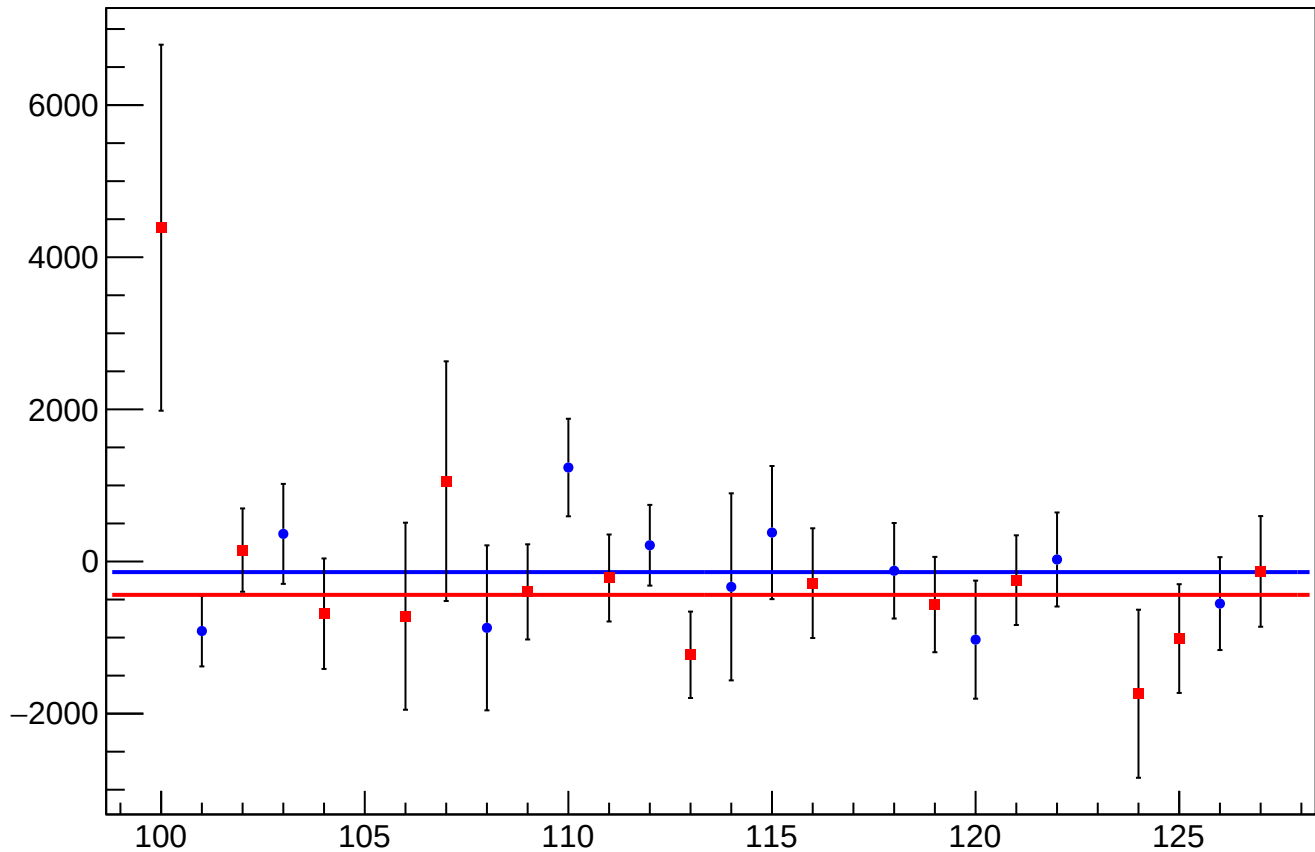
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 388.305 $\pm$ 0.167 χ^2/NDF : 12779517.5/22

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

diff_cav4cX_mean vs Slug



Right In: -139.292 $\pm$ 199.070 χ^2 /NDF: 11.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -438.542 $\pm$ 191.769 χ^2 /NDF: 10.7/13

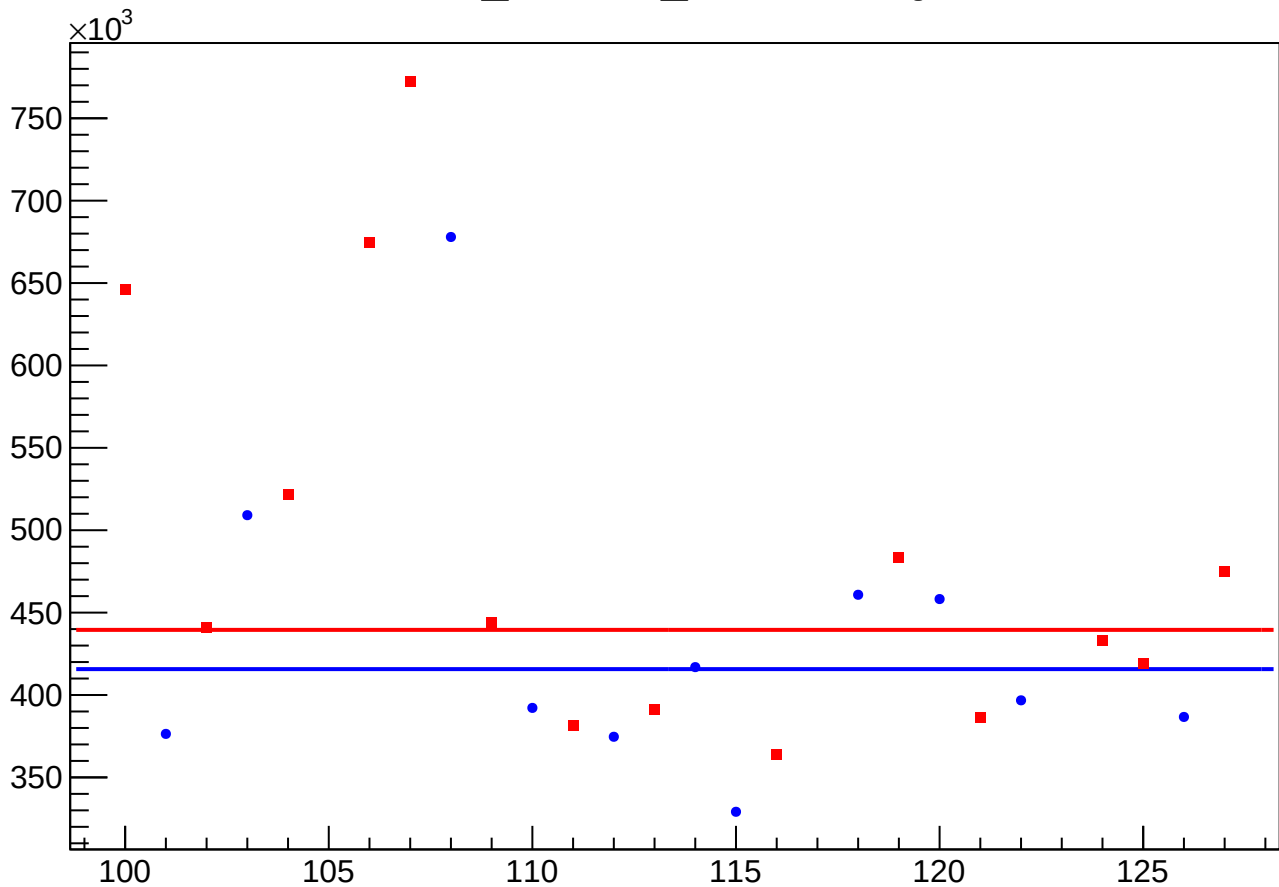
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -294.506 $\pm$ 138.110 χ^2 /NDF: 23.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_cav4cX_rms vs Slug



Right In: 415711.258 $\pm$ 140.764 χ^2 /NDF: 228614.5/10

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

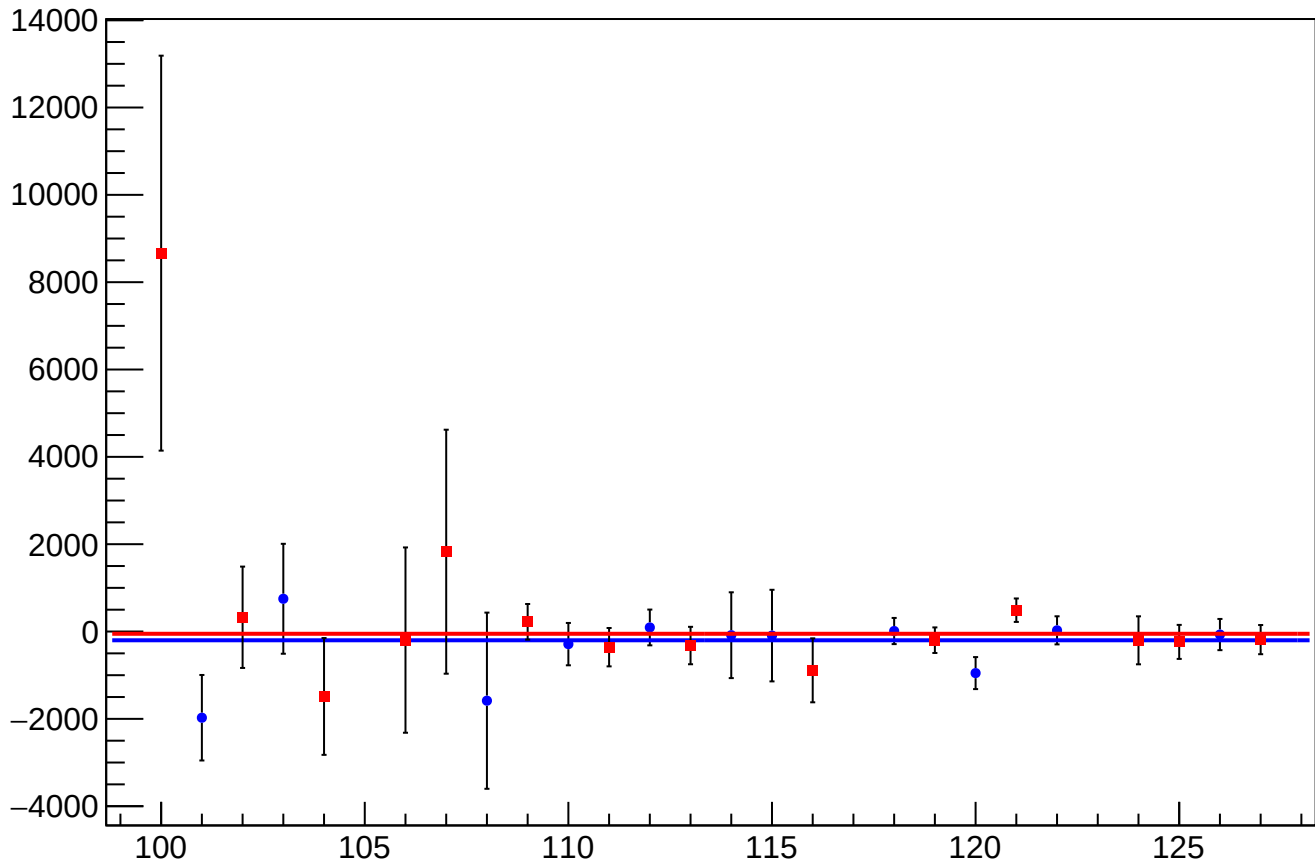
Right Out: 439526.311 $\pm$ 135.652 χ^2 /NDF: 289965.6/13

All: 428059.035 $\pm$ 97.678 χ^2 /NDF: 533420.9

- 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_cav4cY_mean vs Slug



Right In: -200.563+/-141.202 χ^2/NDF : 10.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -51.600+/-124.415 χ^2/NDF : 12.8/13

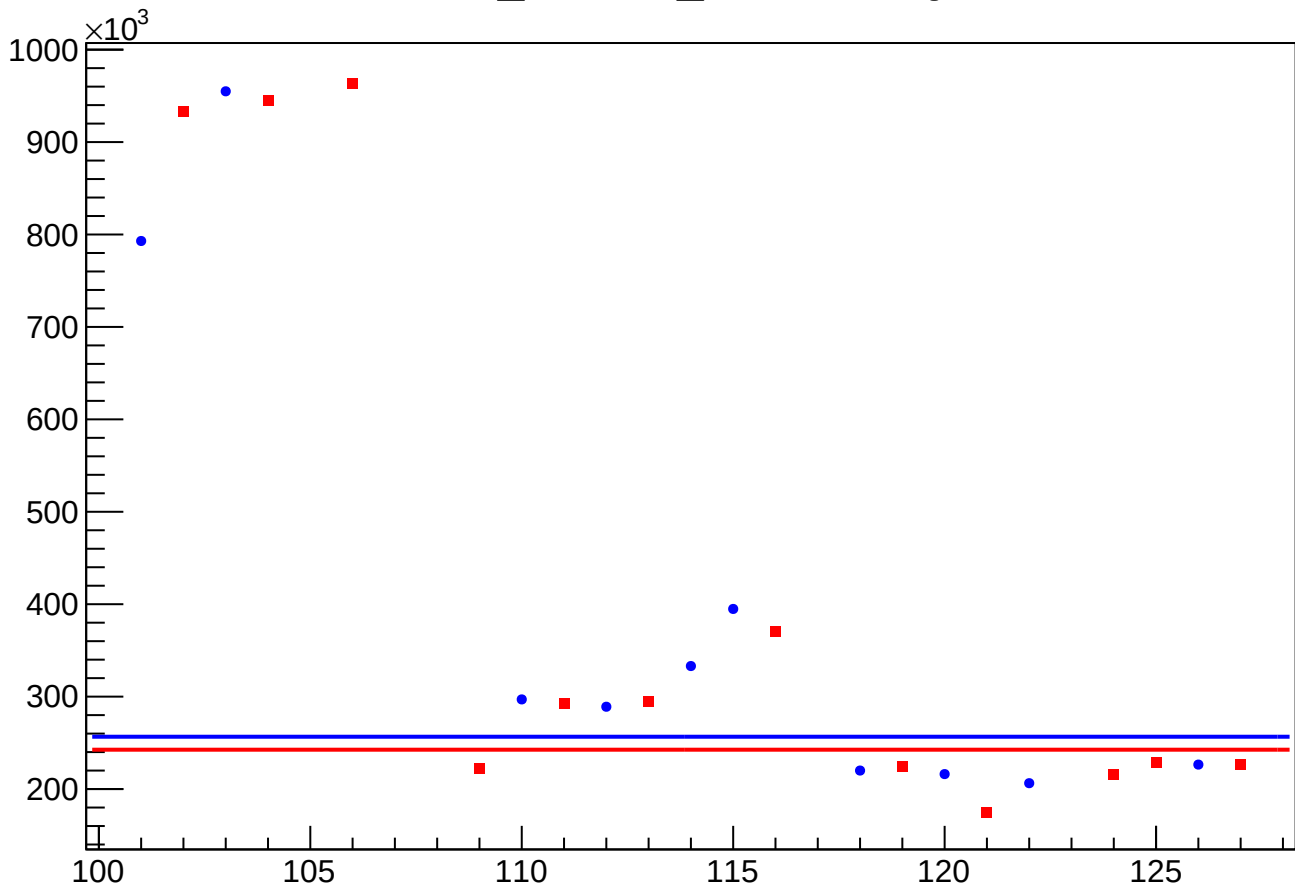
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -116.704+/-93.349 χ^2/NDF : 23.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_cav4cY_rms vs Slug



Right In: 256616.206 $\pm$ 100.292 χ^2 /NDF: 1210482.9/9

+ 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

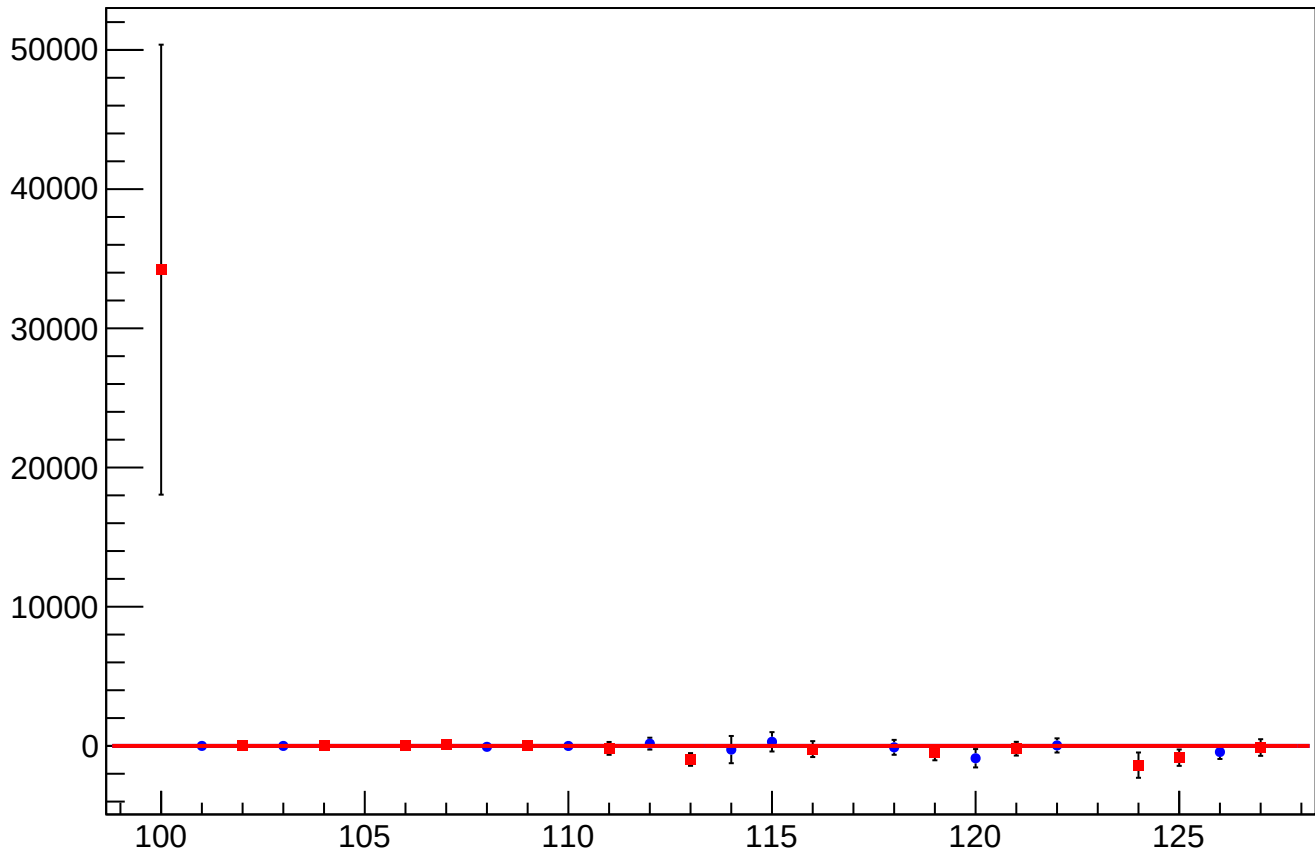
Right Out: 242578.064 $\pm$ 88.419 χ^2 /NDF: 1417561.0/11

All: 248717.402 $\pm$ 66.324 χ^2 /NDF: 2639067.

- 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 : 4.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.355 ± 0.160 χ^2/NDF : 15.6/13

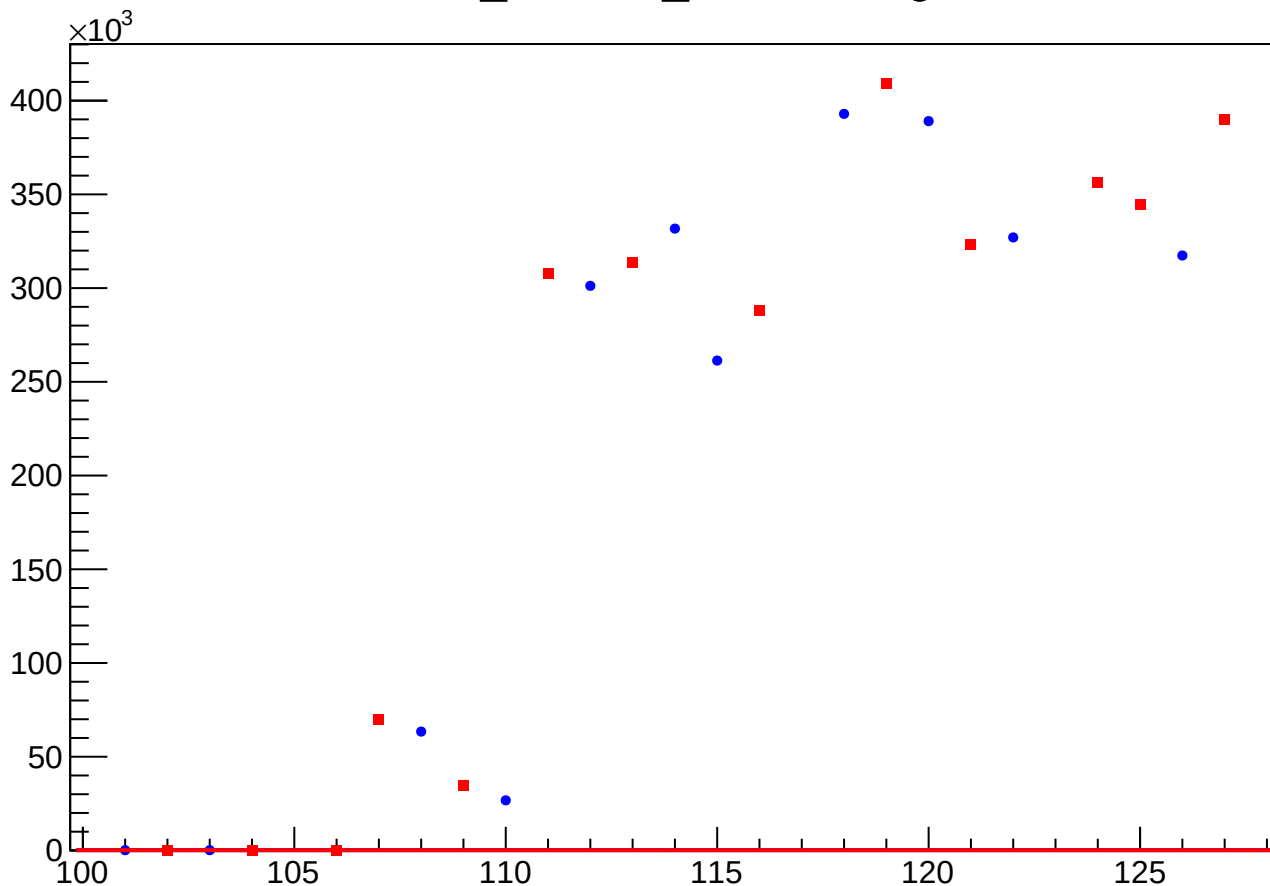
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.207 ± 0.117 χ^2/NDF : 21.5/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_cav4dX_rms vs Slug



Right In: 148.838 $\pm$ 0.122 χ^2/NDF : 5960454.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 149.226 $\pm$ 0.113 χ^2/NDF : 7320533.1/12

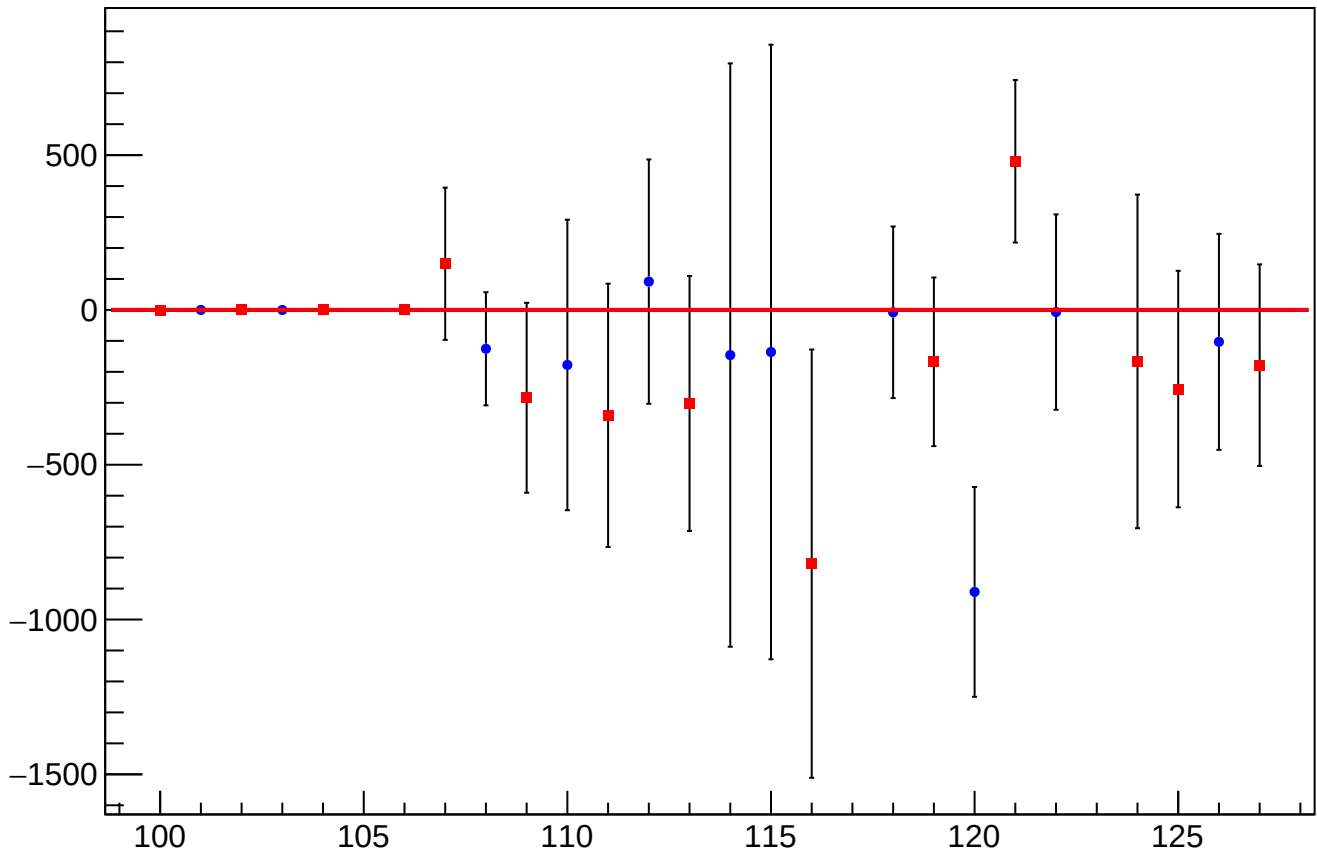
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 149.046 $\pm$ 0.083 χ^2/NDF : 13280993.2/23

- 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 : 8.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.126+/-0.166 χ^2/NDF : 8.6/13

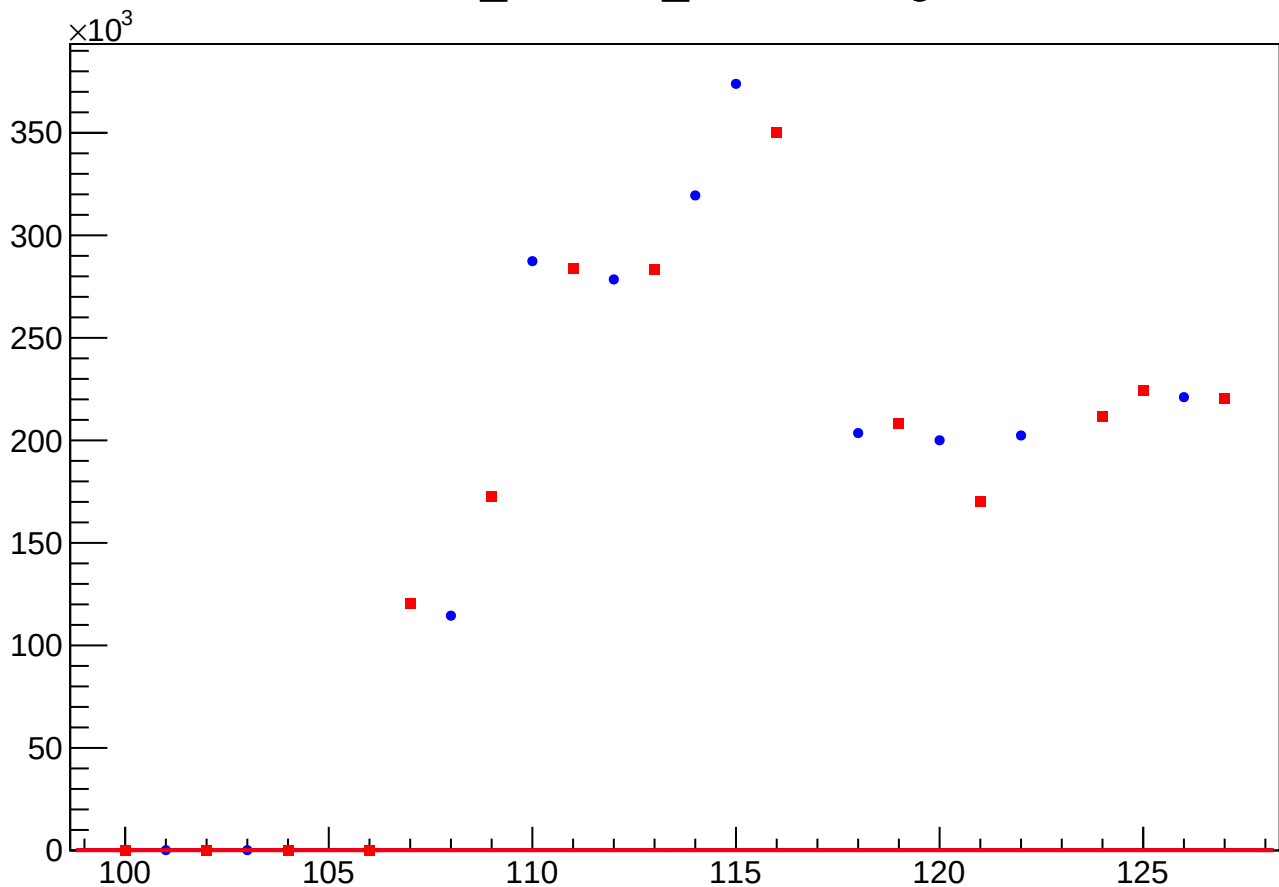
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.035+/-0.121 χ^2/NDF : 17.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_cav4dY_rms vs Slug



Right In: 153.001 $\pm$ 0.125 χ^2/NDF : 6440233.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 155.836 $\pm$ 0.118 χ^2/NDF : 7371472.0/13

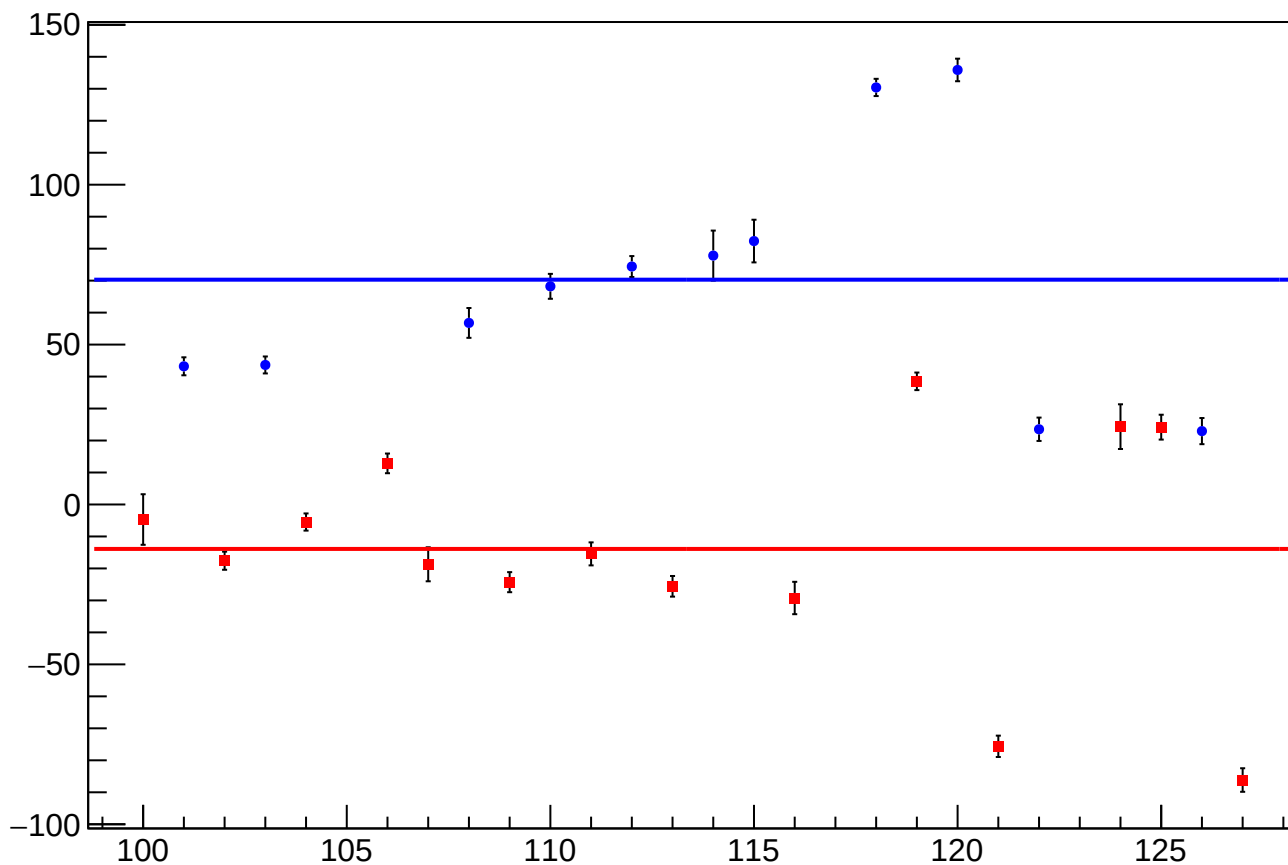
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 154.507 $\pm$ 0.086 χ^2/NDF : 13811977.1/24

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

diff_bpm0i01X_mean vs Slug



Right In: 70.296 $\pm$ 1.075 χ^2 /NDF: 1349.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -13.899 $\pm$ 0.946 χ^2 /NDF: 1340.0/13

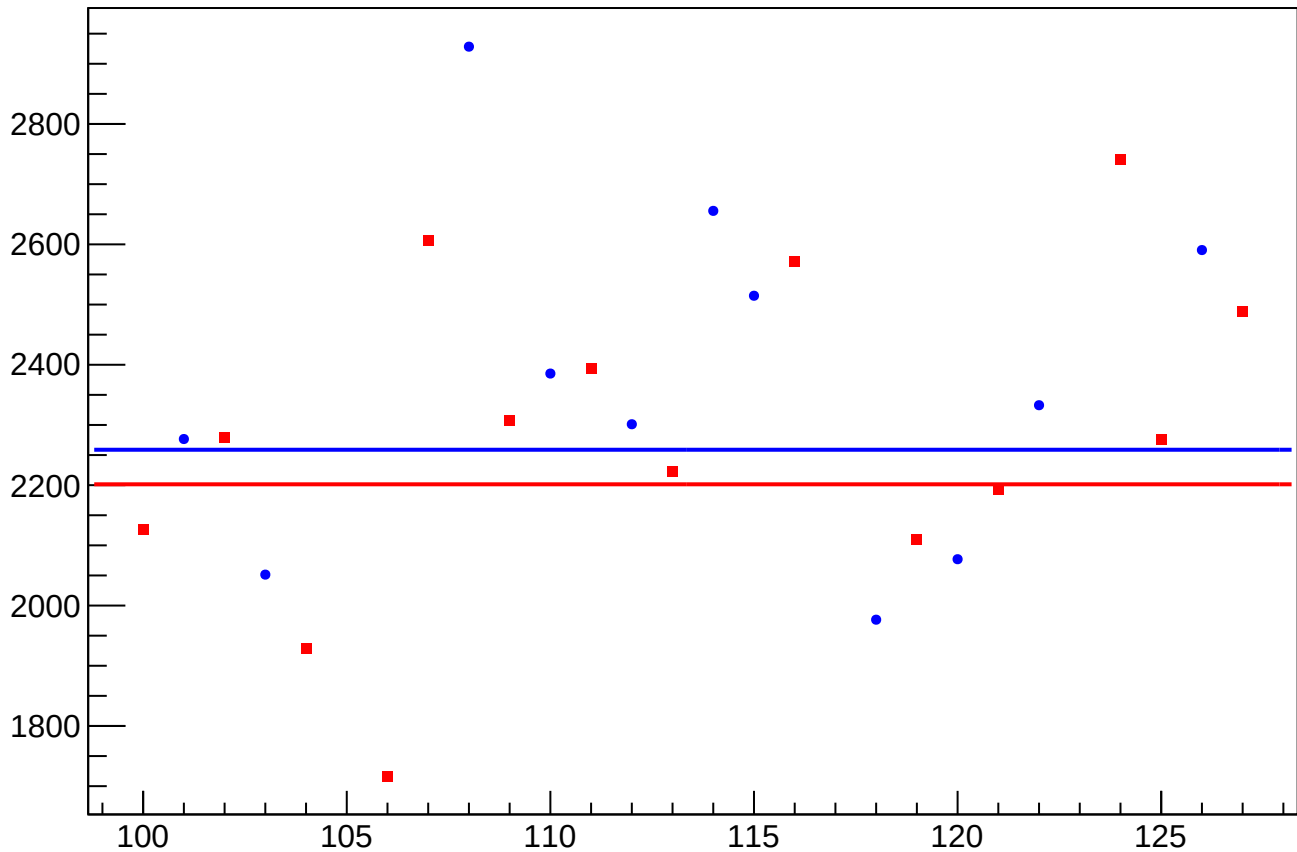
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.870 $\pm$ 0.710 χ^2 /NDF: 6147.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i01X_rms vs Slug



Right In: 2258.831+/-0.760 χ^2/NDF : 105332.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

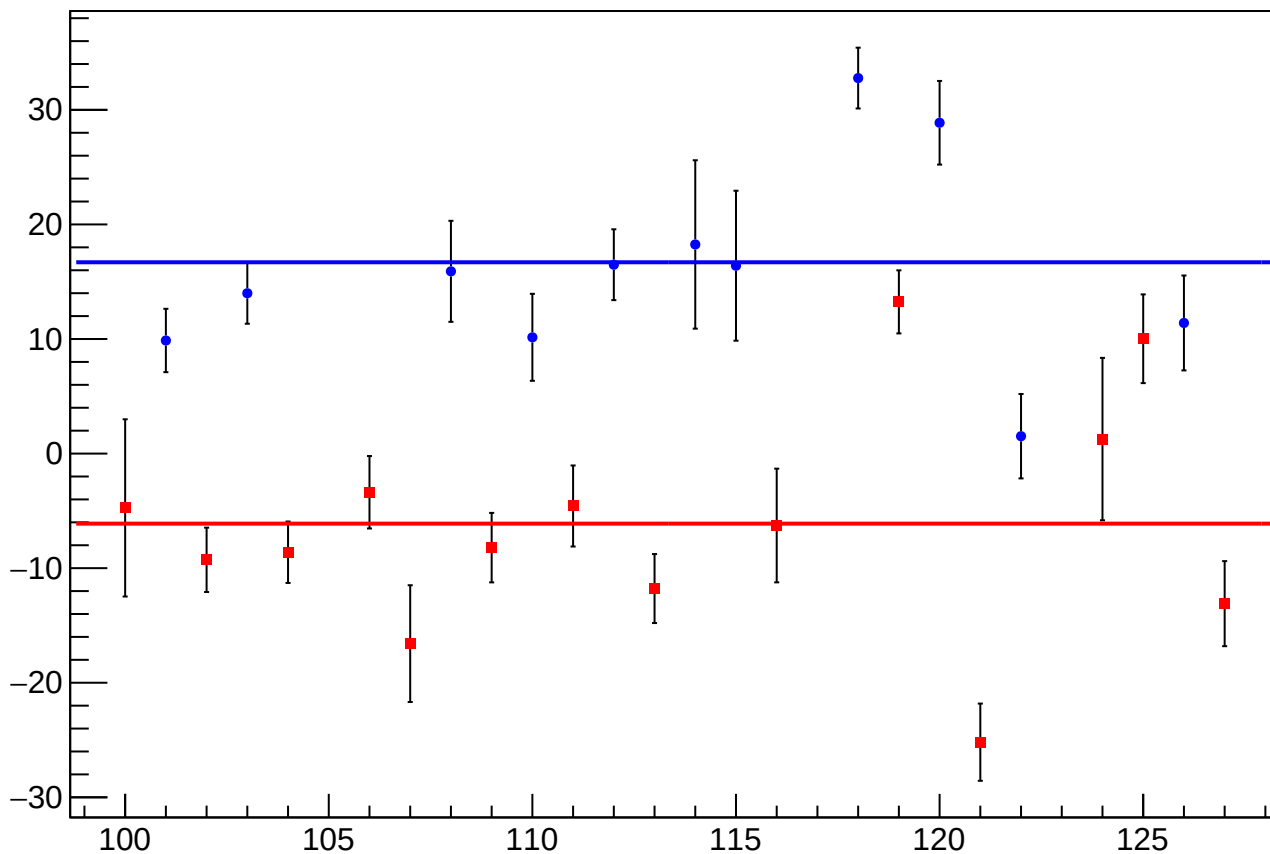
Right Out: 2201.422+/-0.669 χ^2/NDF : 129595.1/13

All: 2226.493+/-0.502 χ^2/NDF : 238142.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i01Y_mean vs Slug



Right In: 16.698 $\pm$ 1.061 χ^2 /NDF: 76.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -6.113 $\pm$ 0.937 χ^2 /NDF: 114.8/13

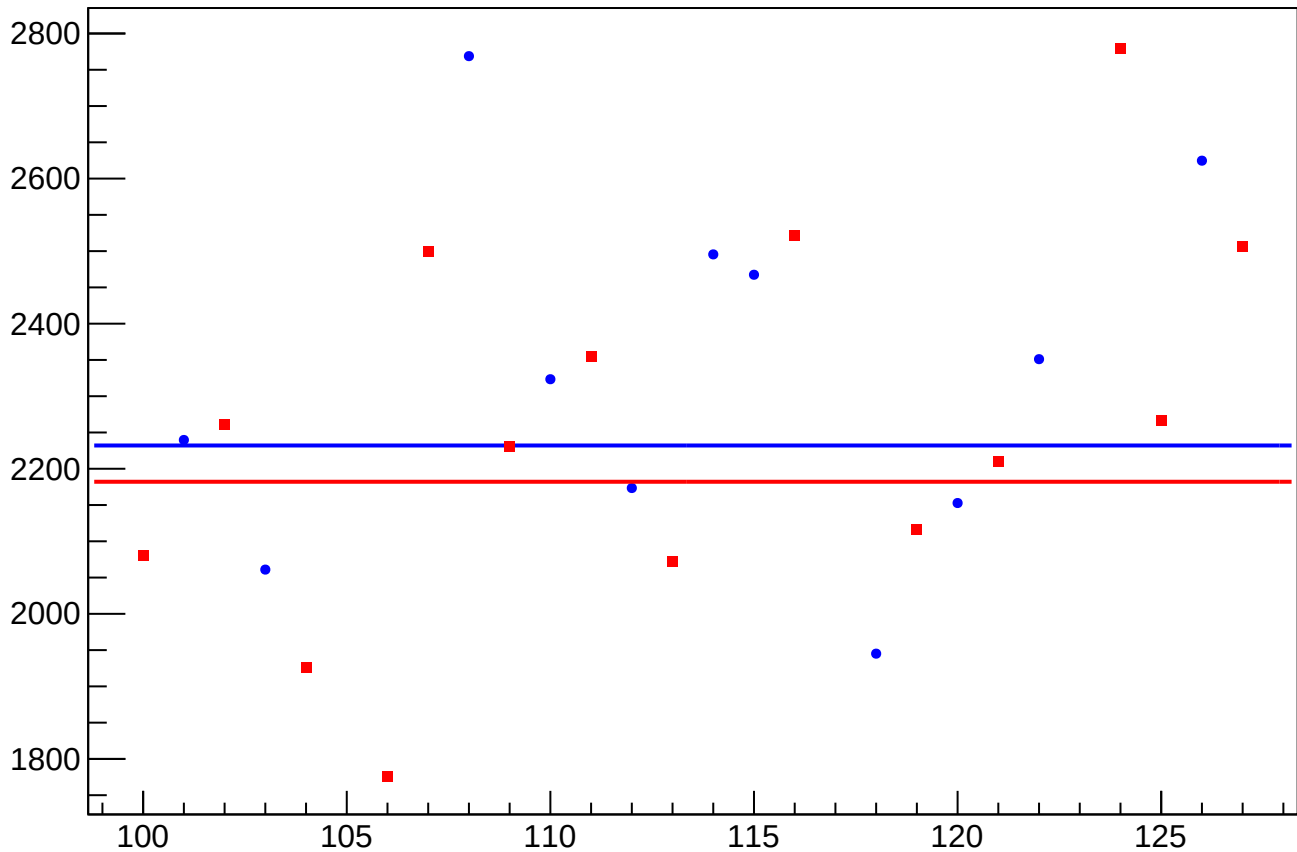
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.878 $\pm$ 0.702 χ^2 /NDF: 451.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i01Y_rms vs Slug



Right In: 2232.071+/-0.750 χ^2/NDF : 89347.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2182.078+/-0.662 χ^2/NDF : 109953.4/13

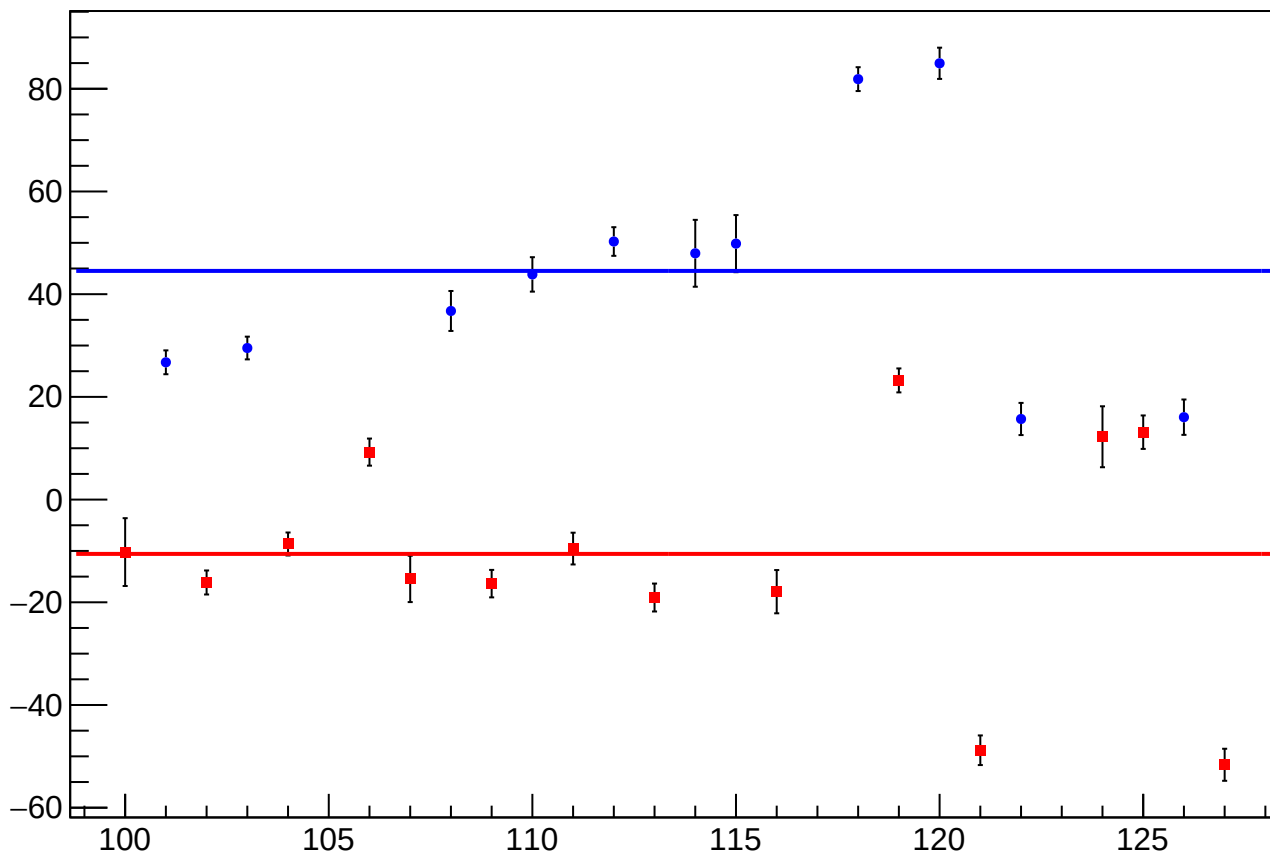
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2203.974+/-0.496 χ^2/NDF : 201796.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i01aX_mean vs Slug



Right In: 44.532 $\pm$ 0.909 χ^2 /NDF: 702.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -10.577 $\pm$ 0.800 χ^2 /NDF: 708.0/13

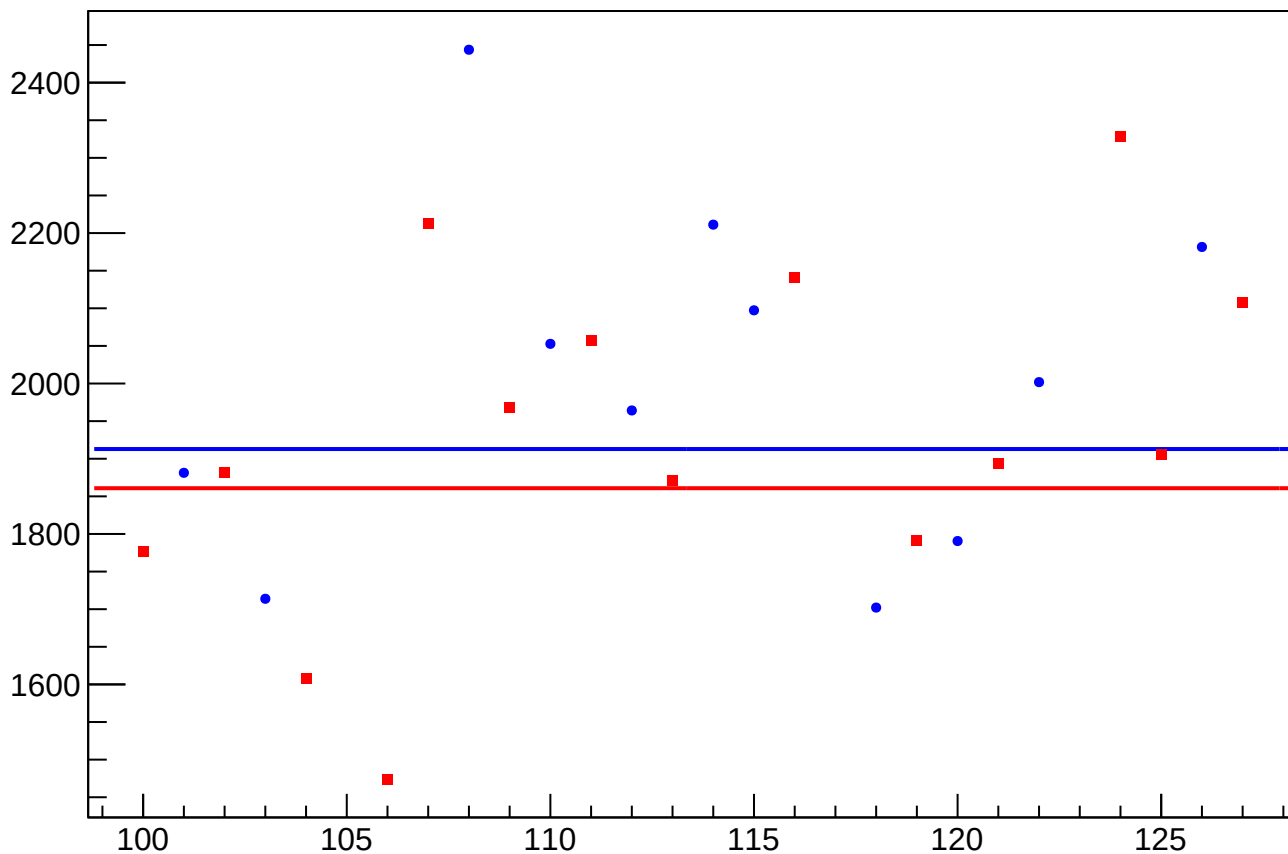
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13.453 $\pm$ 0.601 χ^2 /NDF: 3481.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i01aX_rms vs Slug



Right In: 1912.920+/-0.643 χ^2/NDF : 97827.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1860.829+/-0.565 χ^2/NDF : 128879.0/13

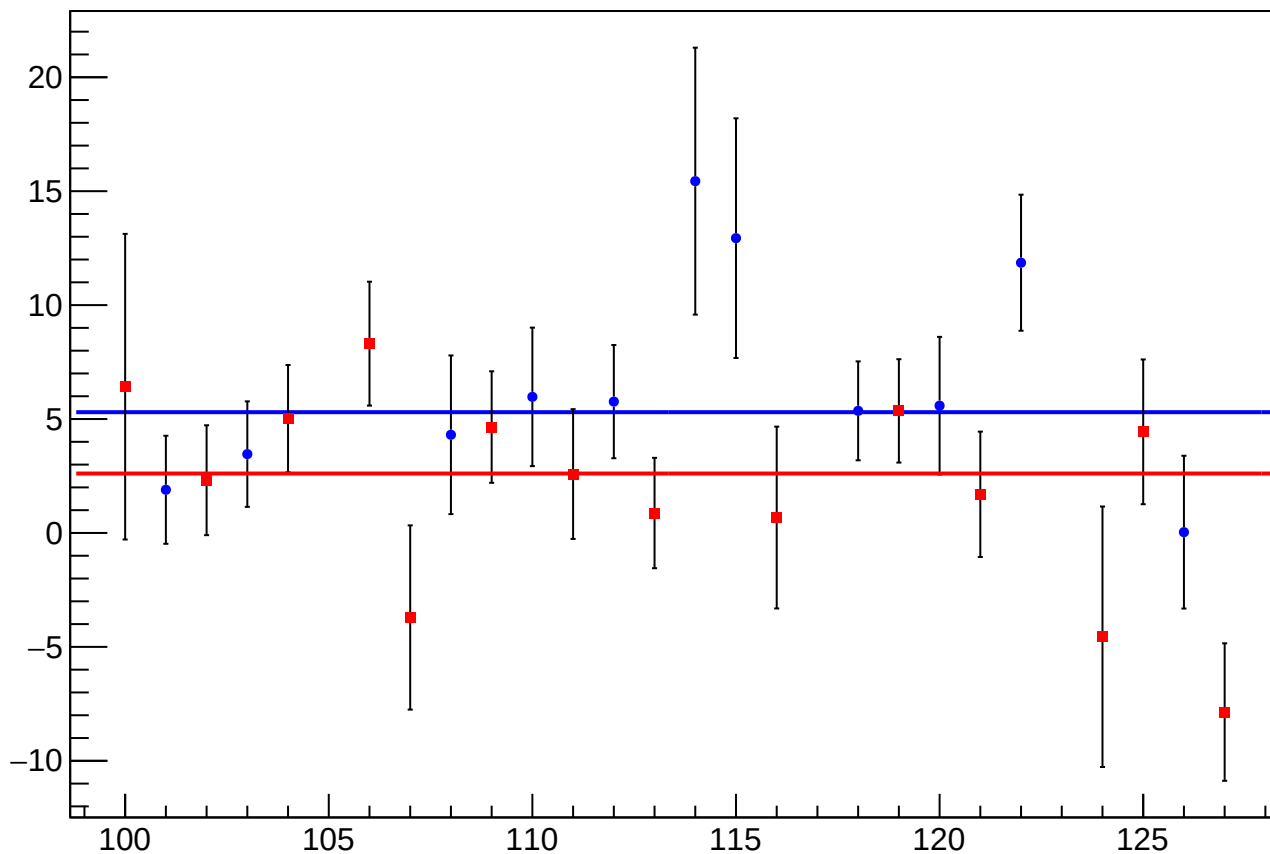
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1883.543+/-0.425 χ^2/NDF : 230406.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i01aY_mean vs Slug



Right In: 5.301 $\pm$ 0.875 χ^2 /NDF: 15.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.608 $\pm$ 0.776 χ^2 /NDF: 25.2/13

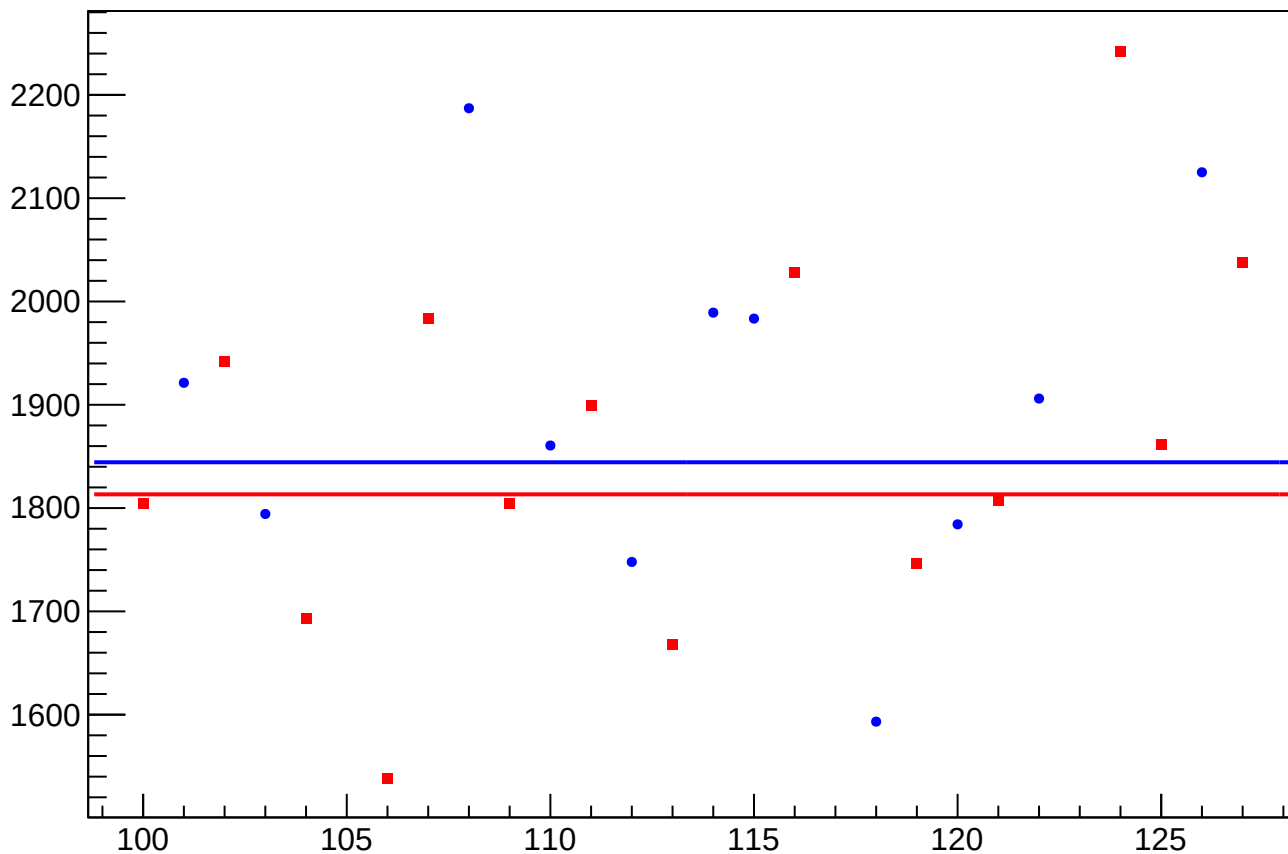
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.793 $\pm$ 0.581 χ^2 /NDF: 45.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i01aY_rms vs Slug



Right In: 1844.349 $\pm$ 0.619 χ^2 /NDF: 70546.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1813.293 $\pm$ 0.549 χ^2 /NDF: 74293.9/13

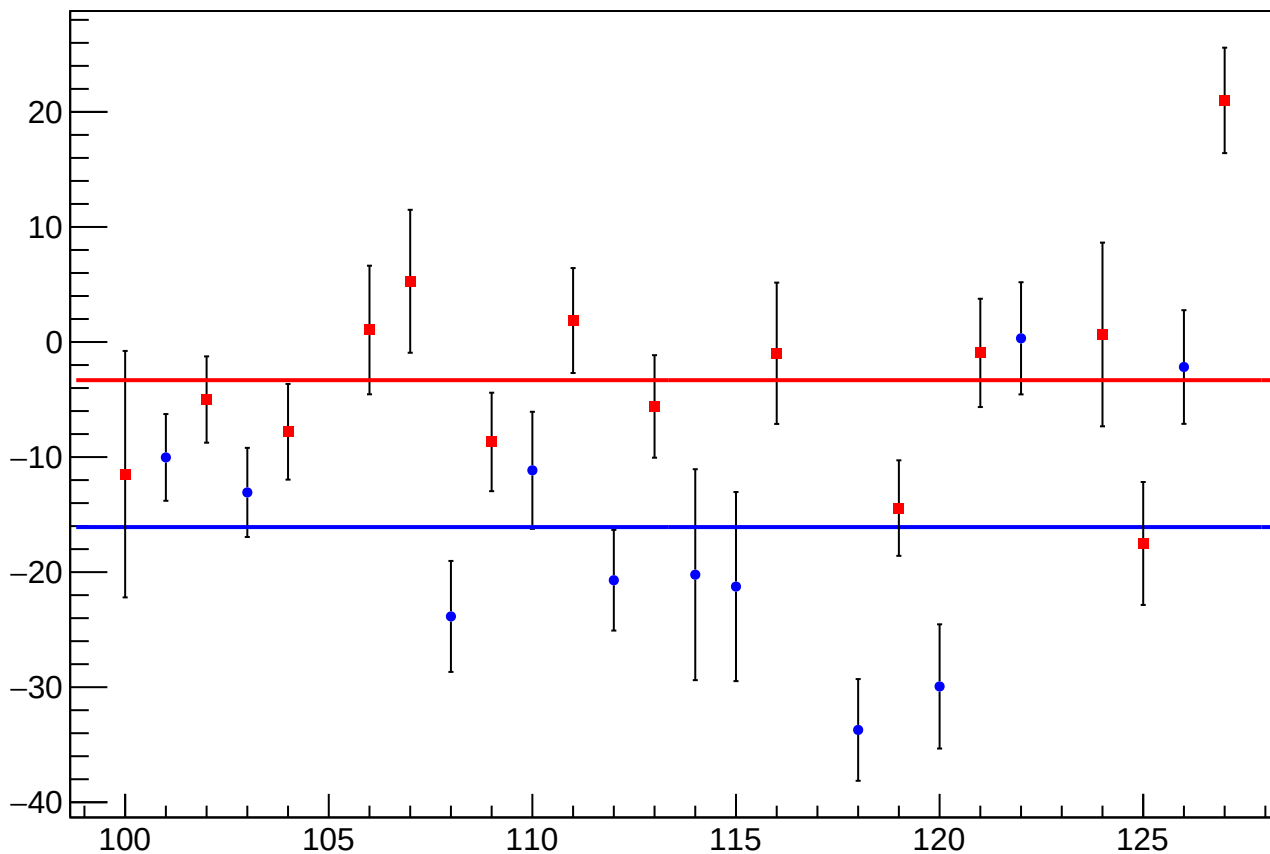
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1826.963 $\pm$ 0.411 χ^2 /NDF: 146250.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l01X_mean vs Slug



Right In: -16.084 ± 1.465 $\chi^2/\text{NDF}: 50.2/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -3.316 ± 1.317 $\chi^2/\text{NDF}: 50.6/13$

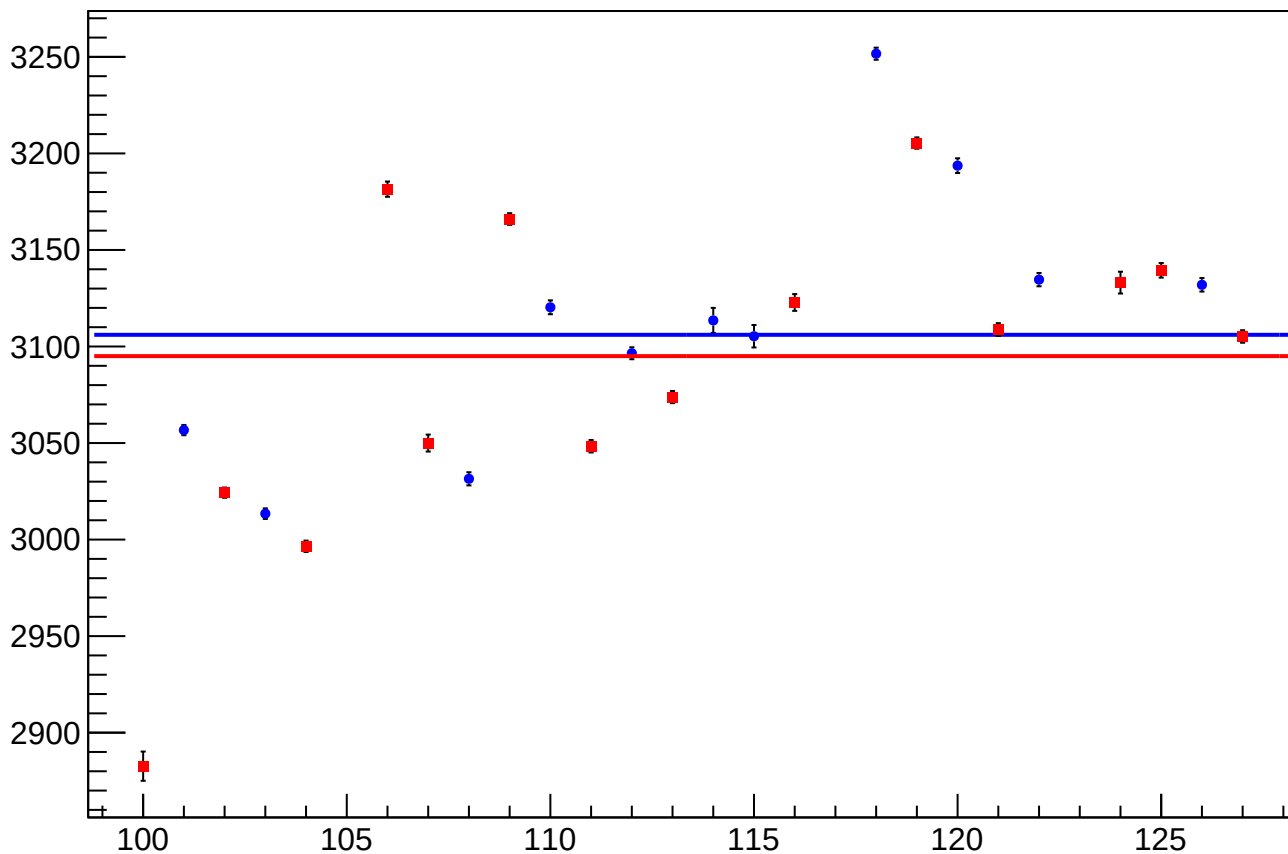
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -9.024 ± 0.979 $\chi^2/\text{NDF}: 142.8/24$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

diff_bpm0l01X_rms vs Slug



Right In: 3106.053+/-1.036 χ^2/NDF : 4811.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3095.016+/-0.931 χ^2/NDF : 5673.7/13

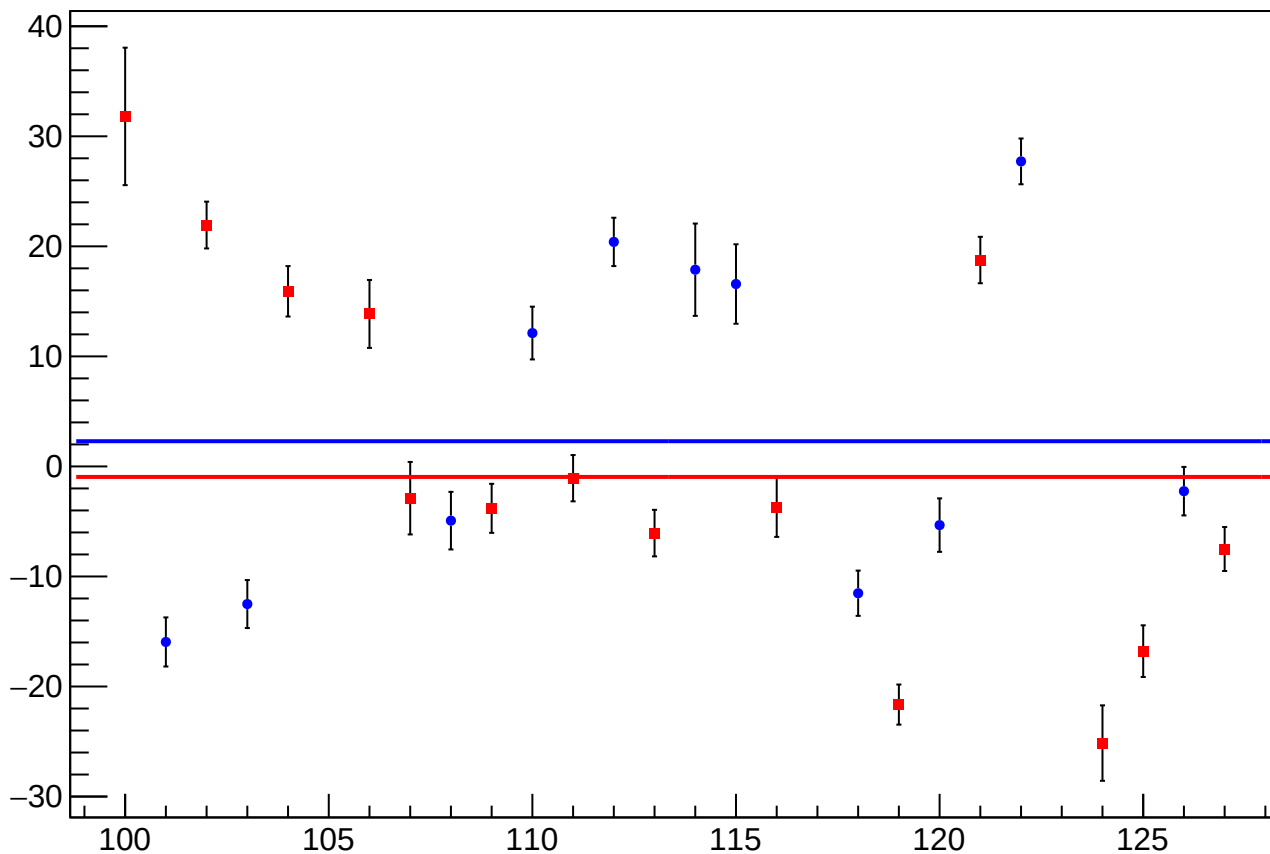
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3099.950+/-0.692 χ^2/NDF : 10547.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l01Y_mean vs Slug



Right In: 2.291+/-0.723 χ^2/NDF : 443.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.954+/-0.637 χ^2/NDF : 551.5/13

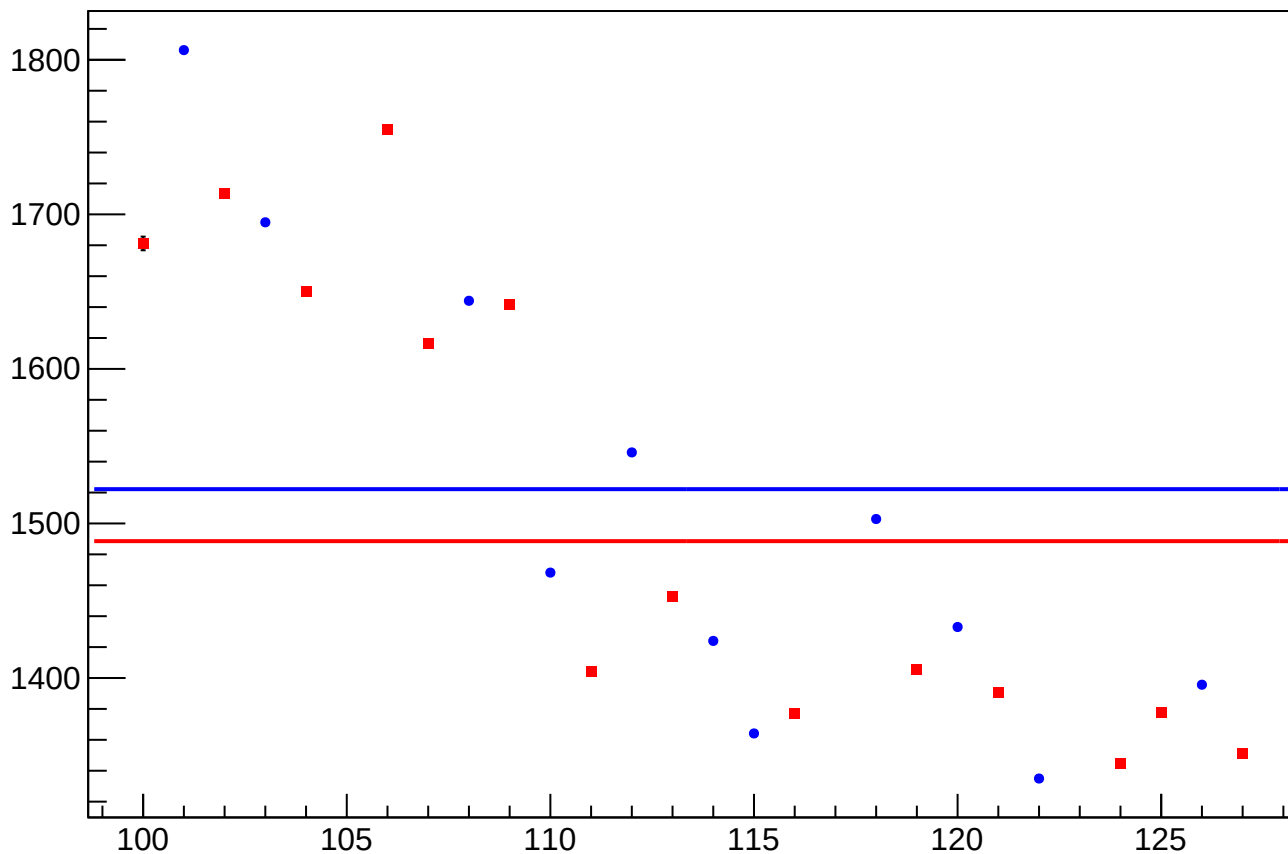
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.465+/-0.478 χ^2/NDF : 1006.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l01Y_rms vs Slug



Right In: 1522.189 $\pm$ 0.511 χ^2 /NDF: 81132.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1488.558 $\pm$ 0.450 χ^2 /NDF: 94579.5/13

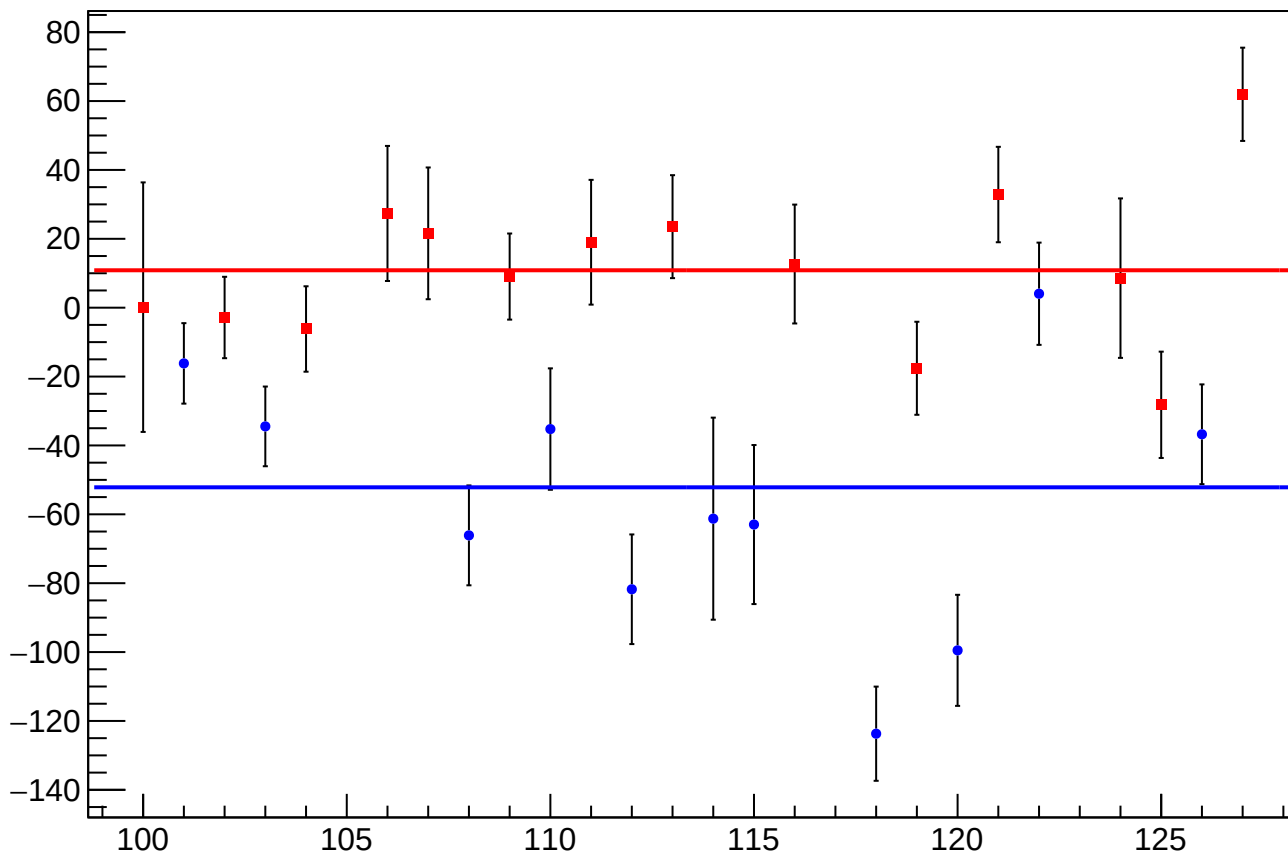
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1503.262 $\pm$ 0.338 χ^2 /NDF: 178149.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l02X_mean vs Slug



Right In: -52.160 ± 4.553 χ^2/NDF : 68.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 10.863 ± 4.108 χ^2/NDF : 32.9/13

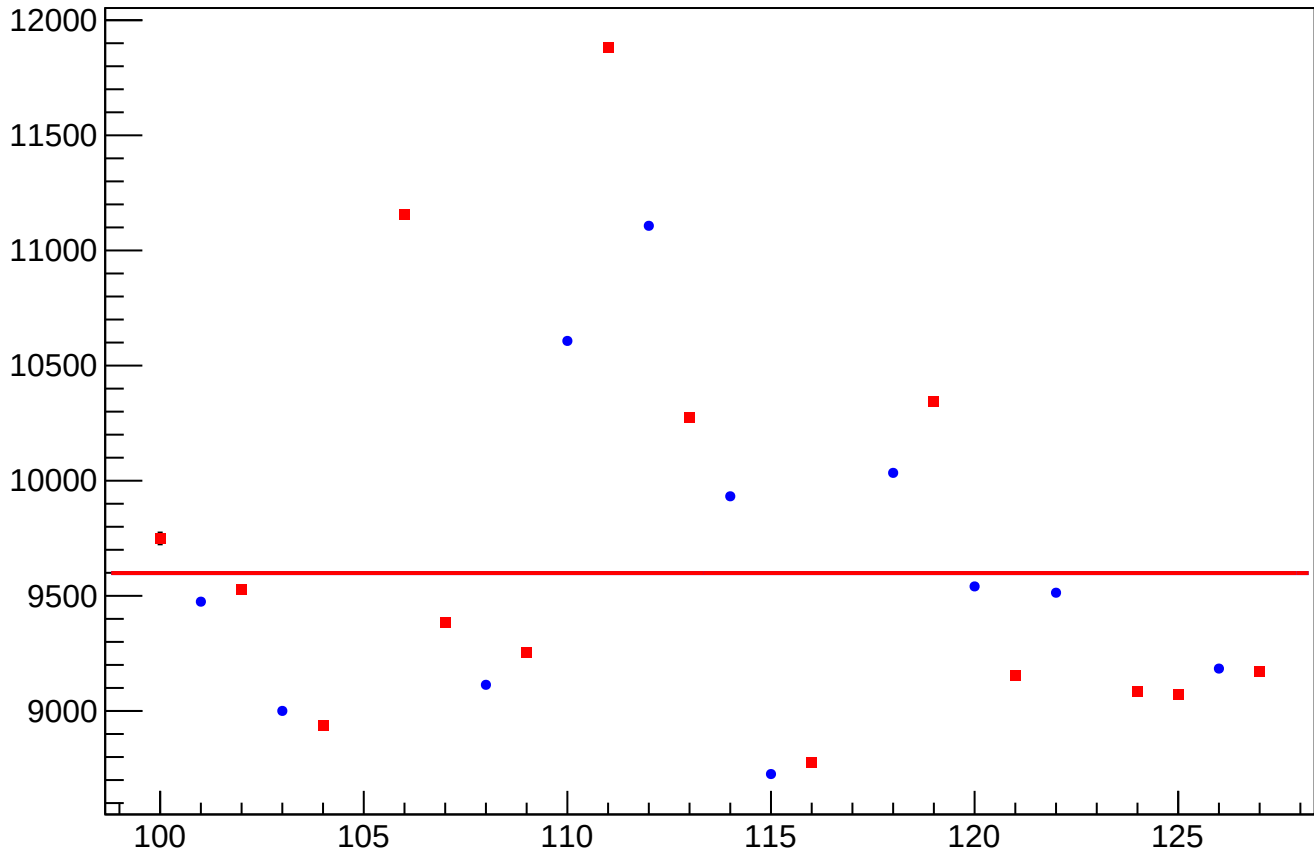
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -17.425 ± 3.050 χ^2/NDF : 207.4/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0l02X_rms vs Slug



Right In: 9598.869+/-3.219 χ^2/NDF : 39187.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9599.000+/-2.905 χ^2/NDF : 74129.5/13

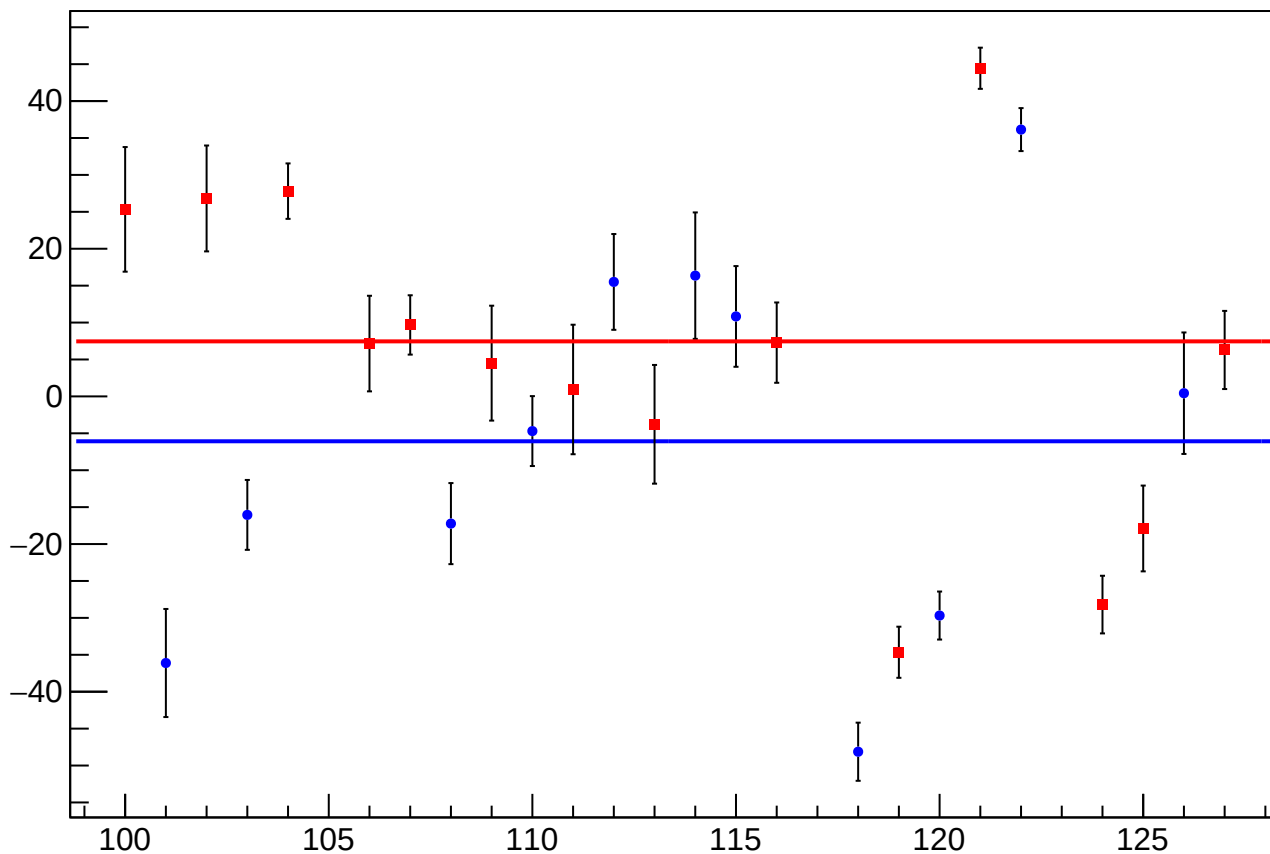
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9598.941+/-2.157 χ^2/NDF : 113317.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l02Y_mean vs Slug



Right In: -6.079+/-1.426 χ^2/NDF : 427.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.453+/-1.278 χ^2/NDF : 470.5/13

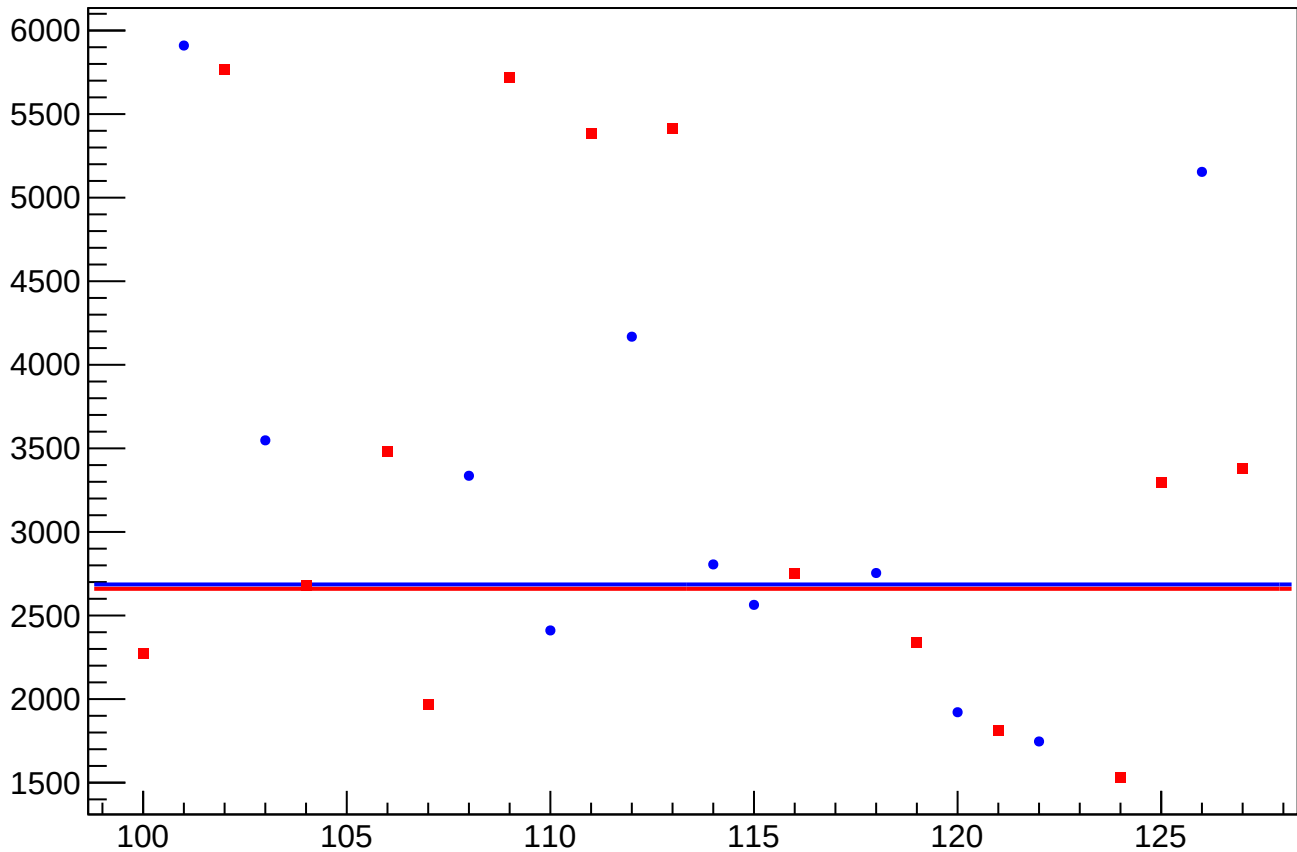
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.424+/-0.952 χ^2/NDF : 947.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l02Y_rms vs Slug



Right In: 2685.756 $\pm$ 1.008 χ^2 /NDF: 1094064.6/10

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

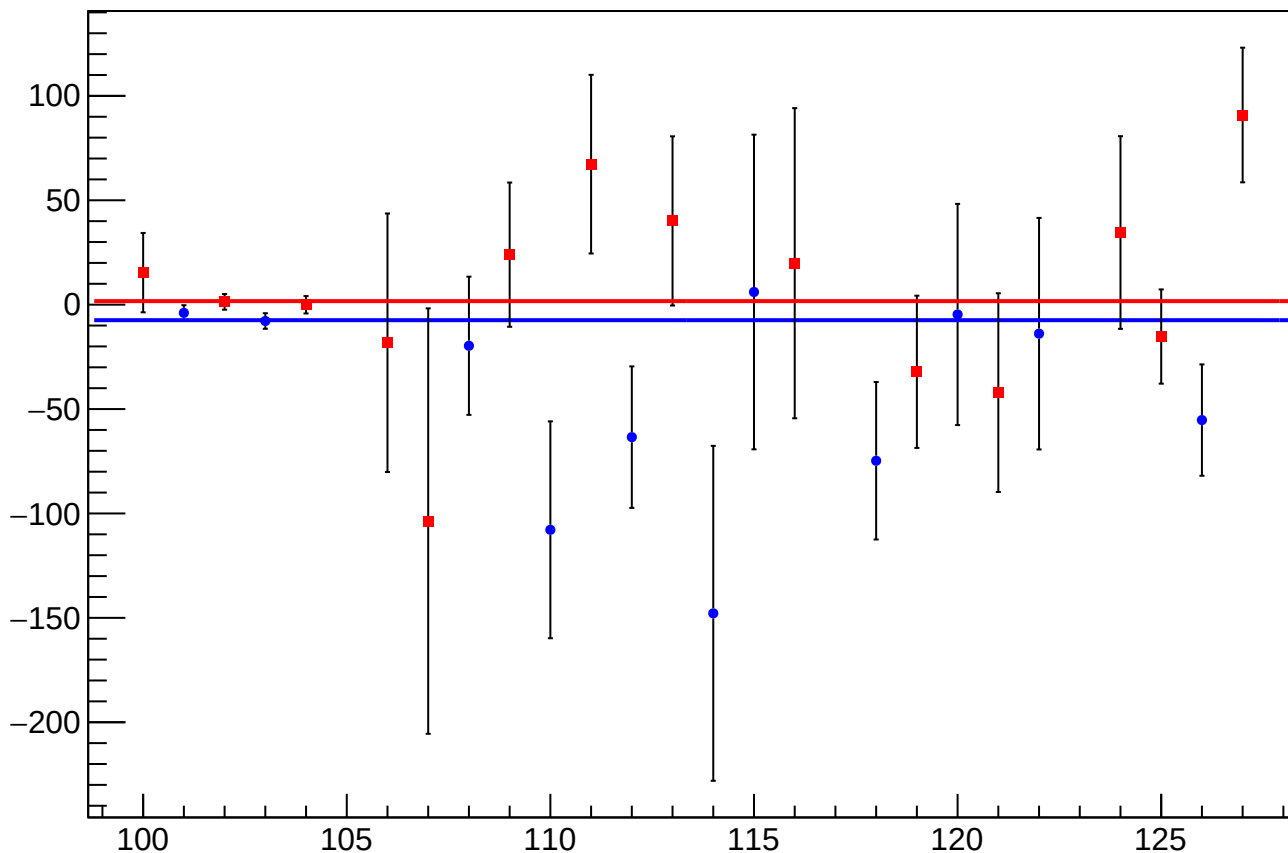
Right Out: 2659.700 $\pm$ 0.904 χ^2 /NDF: 1636825.8/13

All: 2671.310 $\pm$ 0.673 χ^2 /NDF: 2731260.6/24

- 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_bpm0l03X_mean vs Slug



Right In: -7.430+/-2.570 χ^2/NDF : 17.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.701+/-2.685 χ^2/NDF : 16.0/13

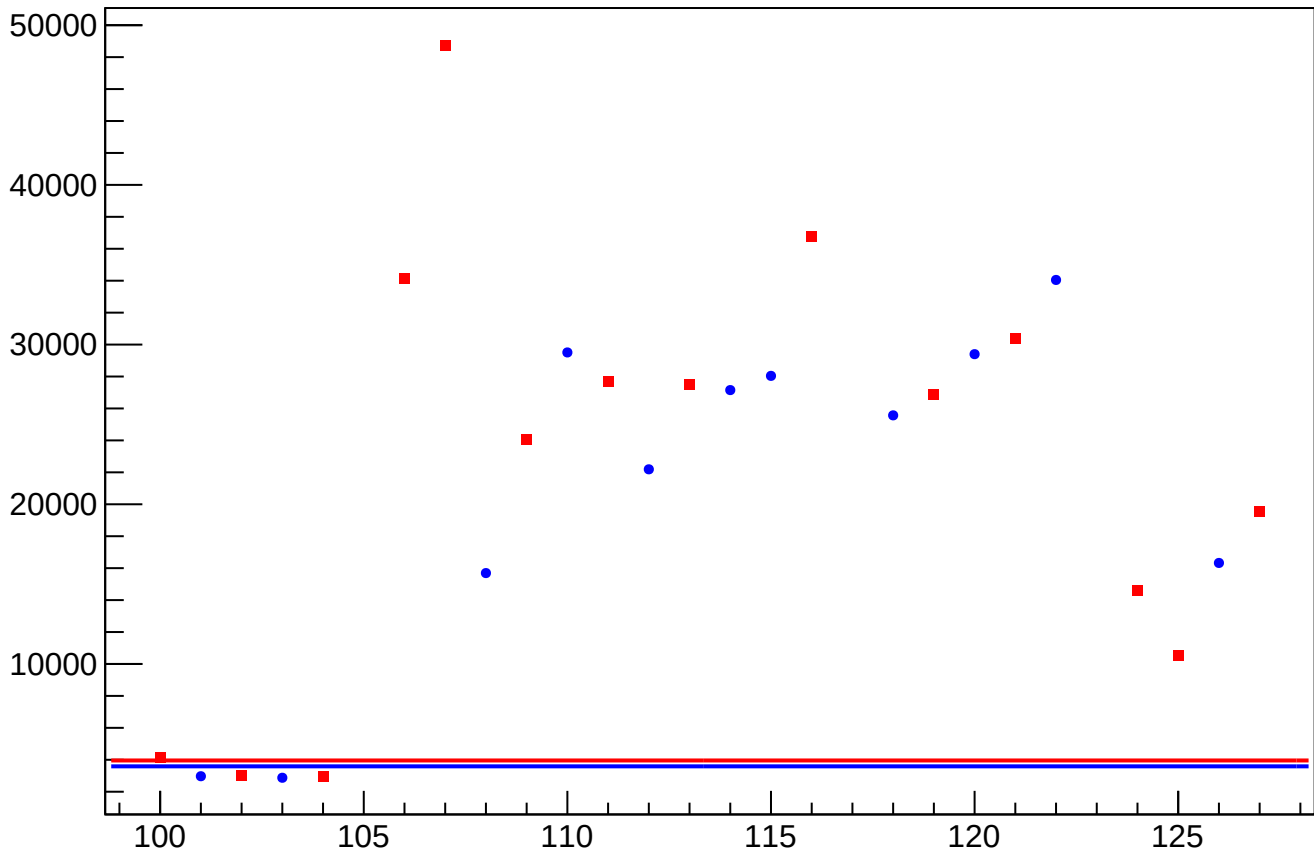
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.065+/-1.856 χ^2/NDF : 39.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l03X_rms vs Slug



Right In: 3589.074+/-1.817 χ^2/NDF : 4095431.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3957.463+/-1.898 χ^2/NDF : 5612505.0/13

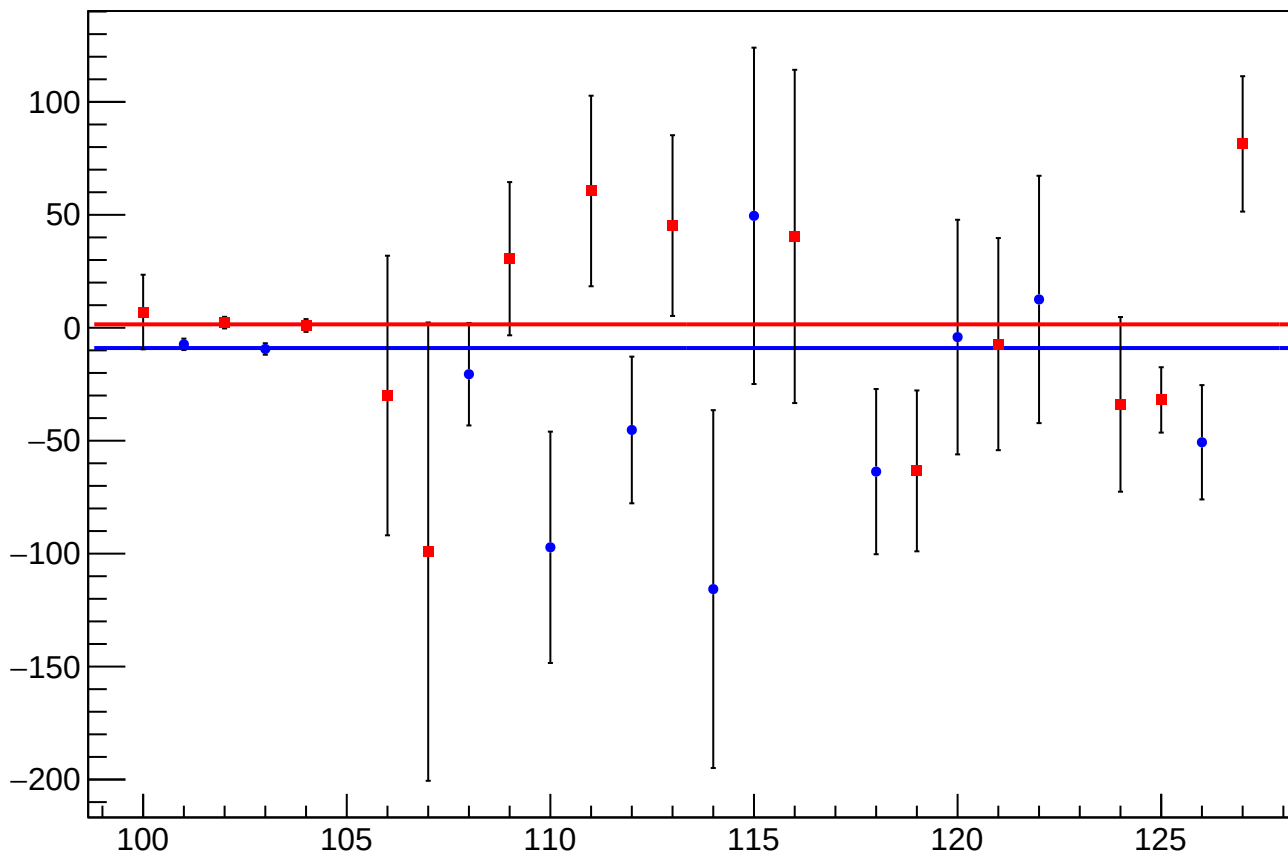
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3765.204+/-1.313 χ^2/NDF : 9727590.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l03Y_mean vs Slug



Right In: -8.975+/-1.771 χ^2/NDF : 12.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.513+/-1.856 χ^2/NDF : 22.3/13

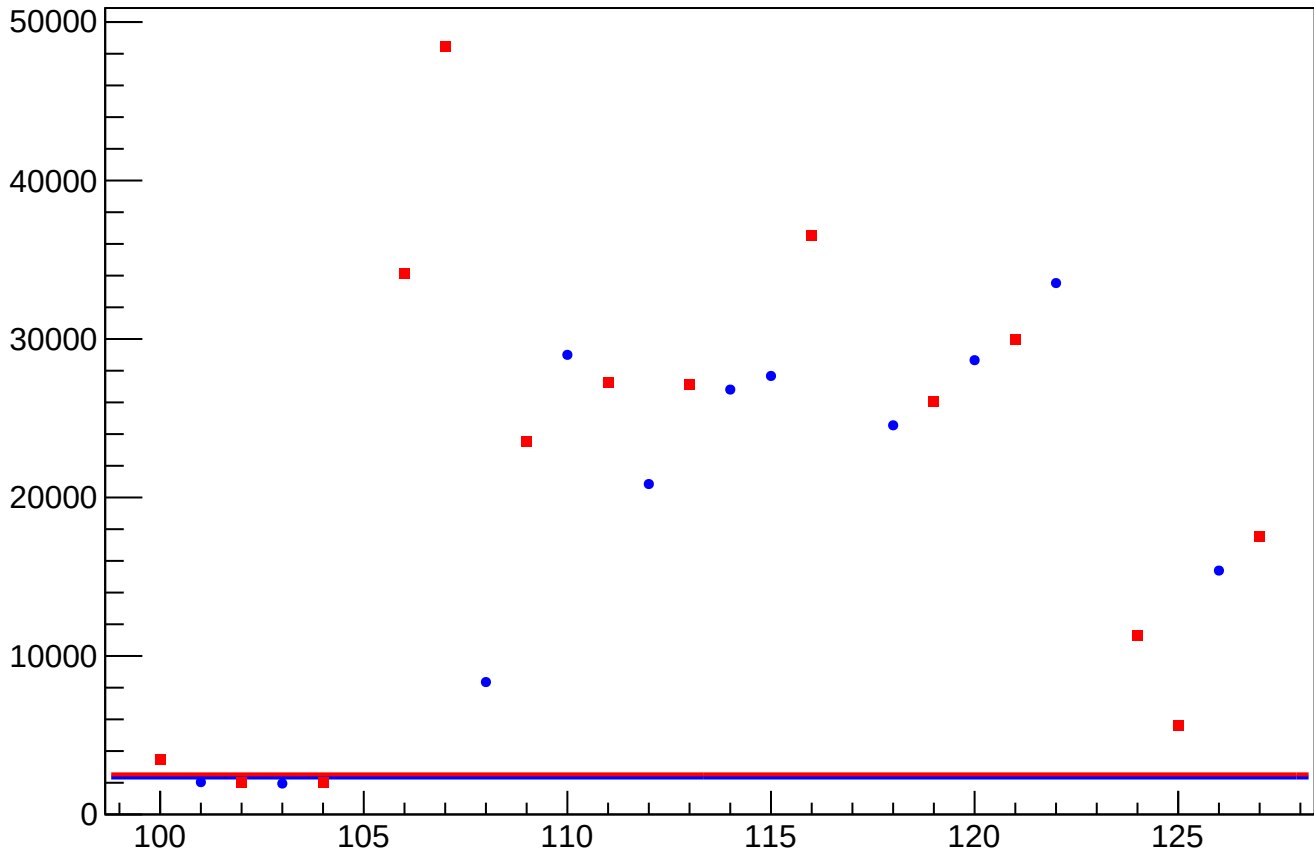
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.978+/-1.281 χ^2/NDF : 51.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l03Y_rms vs Slug



Right In: 2331.495+/-1.252 χ^2/NDF : 4262581.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2528.380+/-1.313 χ^2/NDF : 5964326.3/13

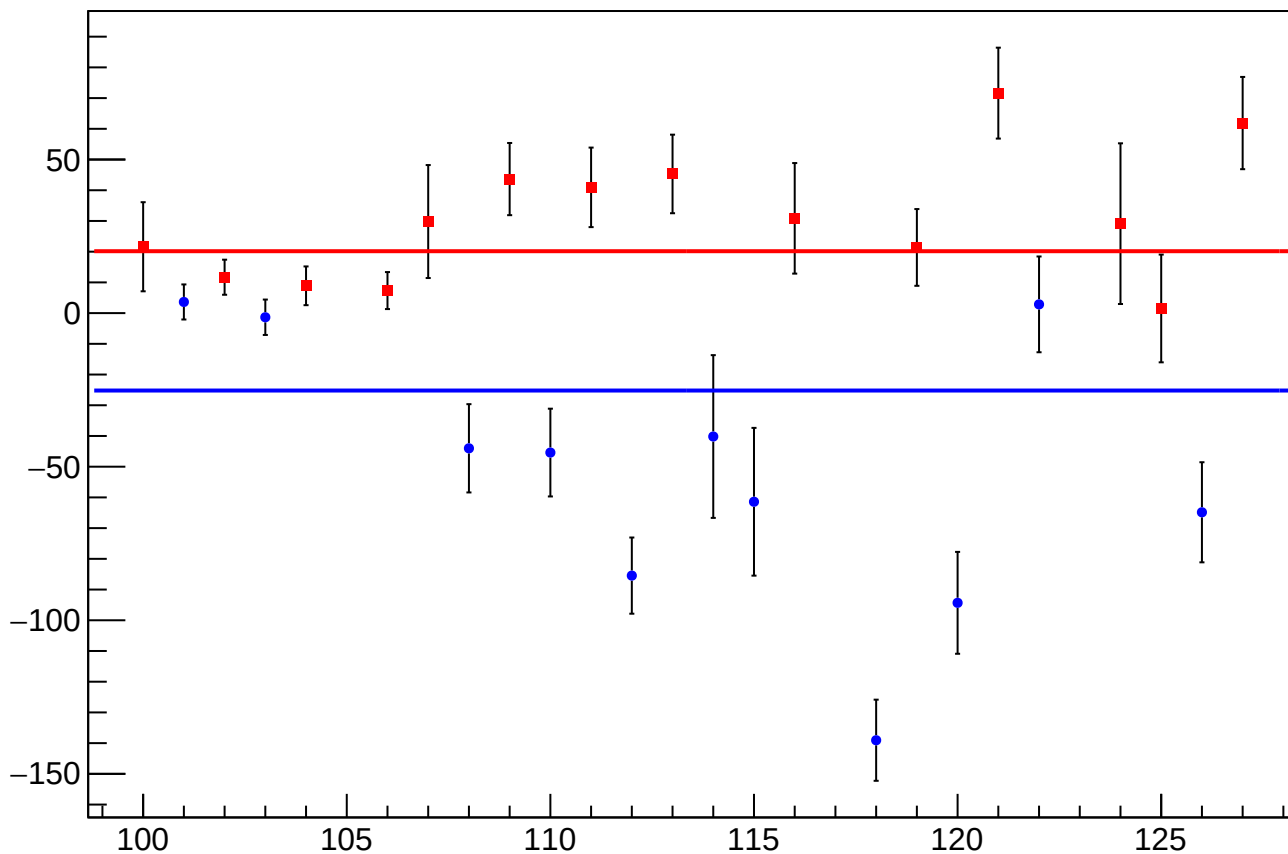
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2425.302+/-0.906 χ^2/NDF : 10238687.4/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l04X_mean vs Slug



Right In: -25.206 $\pm$ 3.203 χ^2 /NDF: 173.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.155 $\pm$ 2.735 χ^2 /NDF: 42.1/13

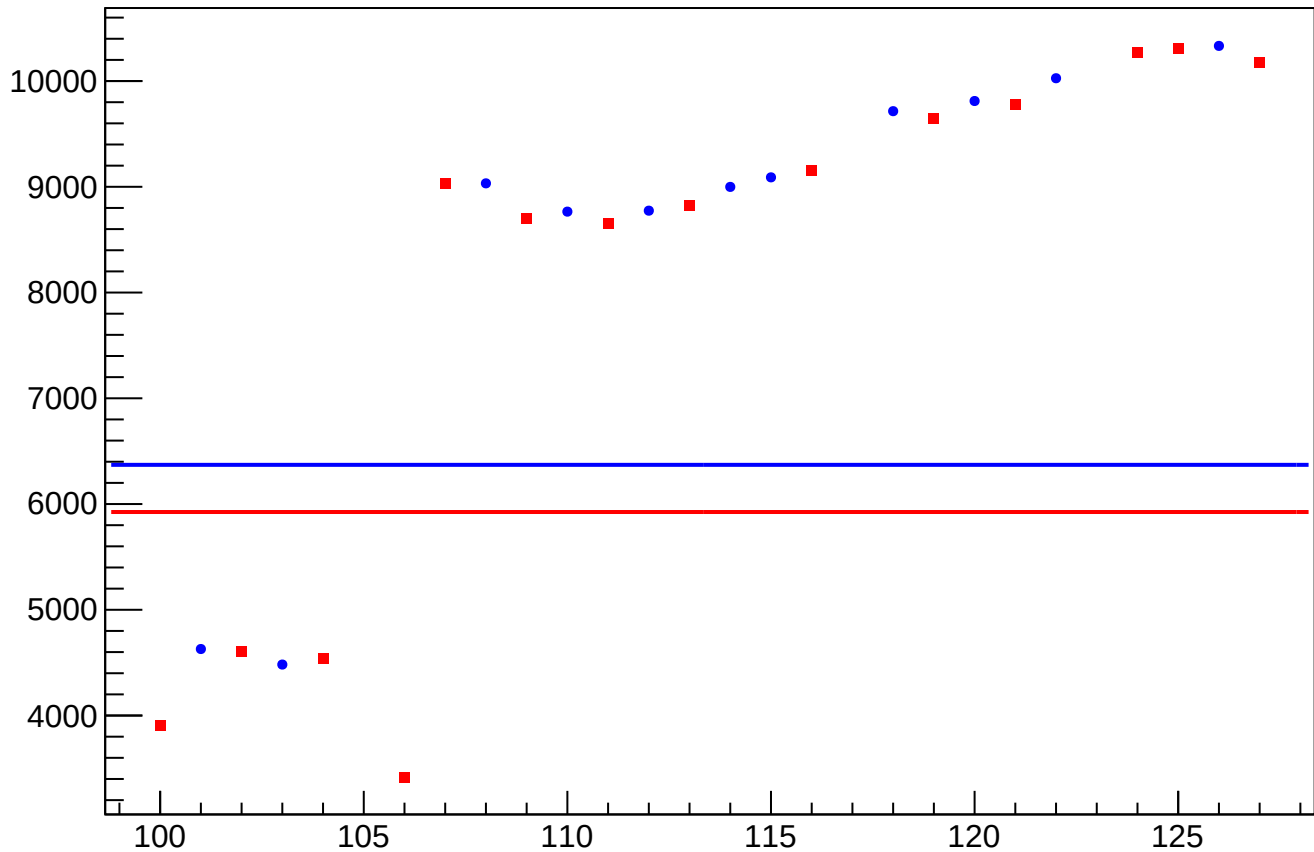
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.025 $\pm$ 2.080 χ^2 /NDF: 331.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l04X_rms vs Slug



Right In: 6370.670+/-2.265 χ^2/NDF : 1088810.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5924.663+/-1.934 χ^2/NDF : 1666902.0/13

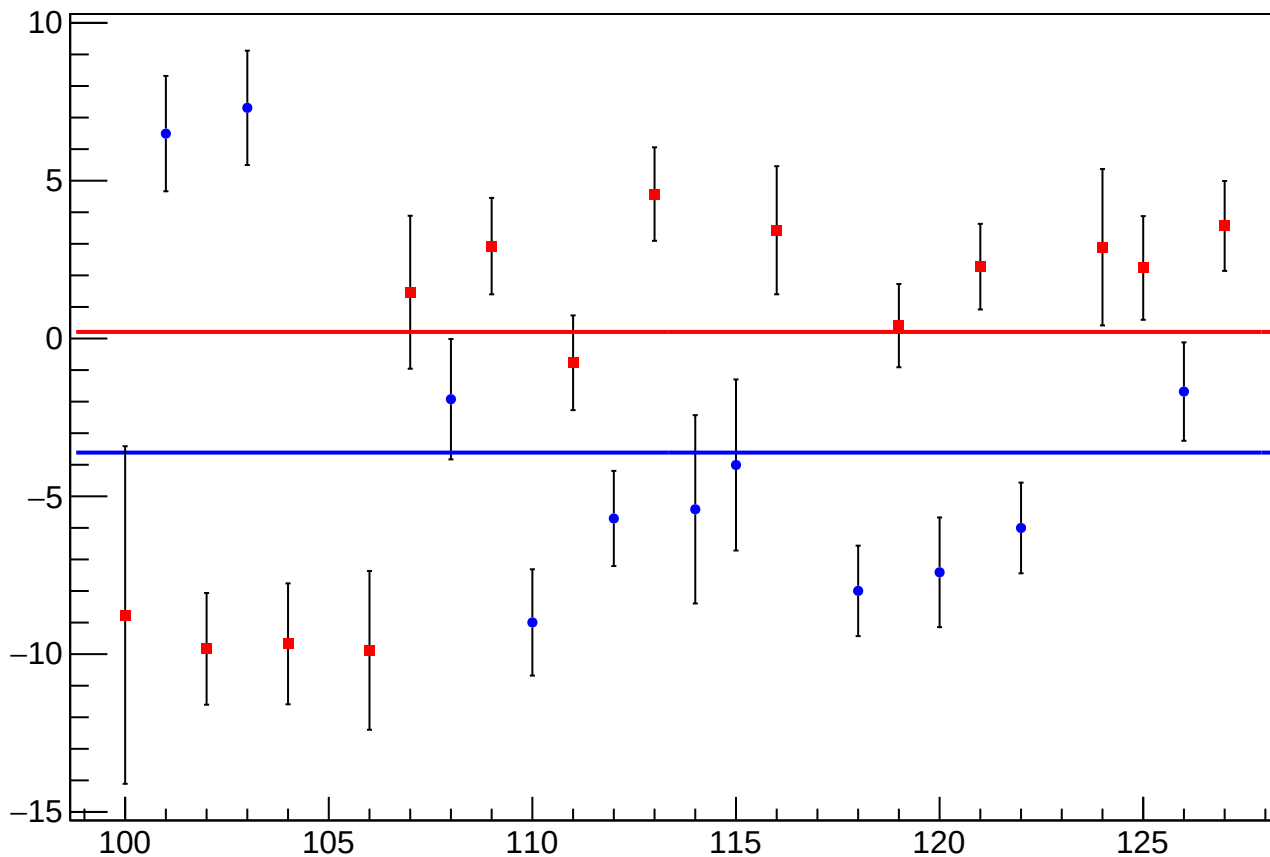
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6112.753+/-1.471 χ^2/NDF : 2778134.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l04Y_mean vs Slug



Right In: -3.614 $\pm$ 0.524 χ^2 /NDF: 98.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.208 $\pm$ 0.463 χ^2 /NDF: 103.4/13

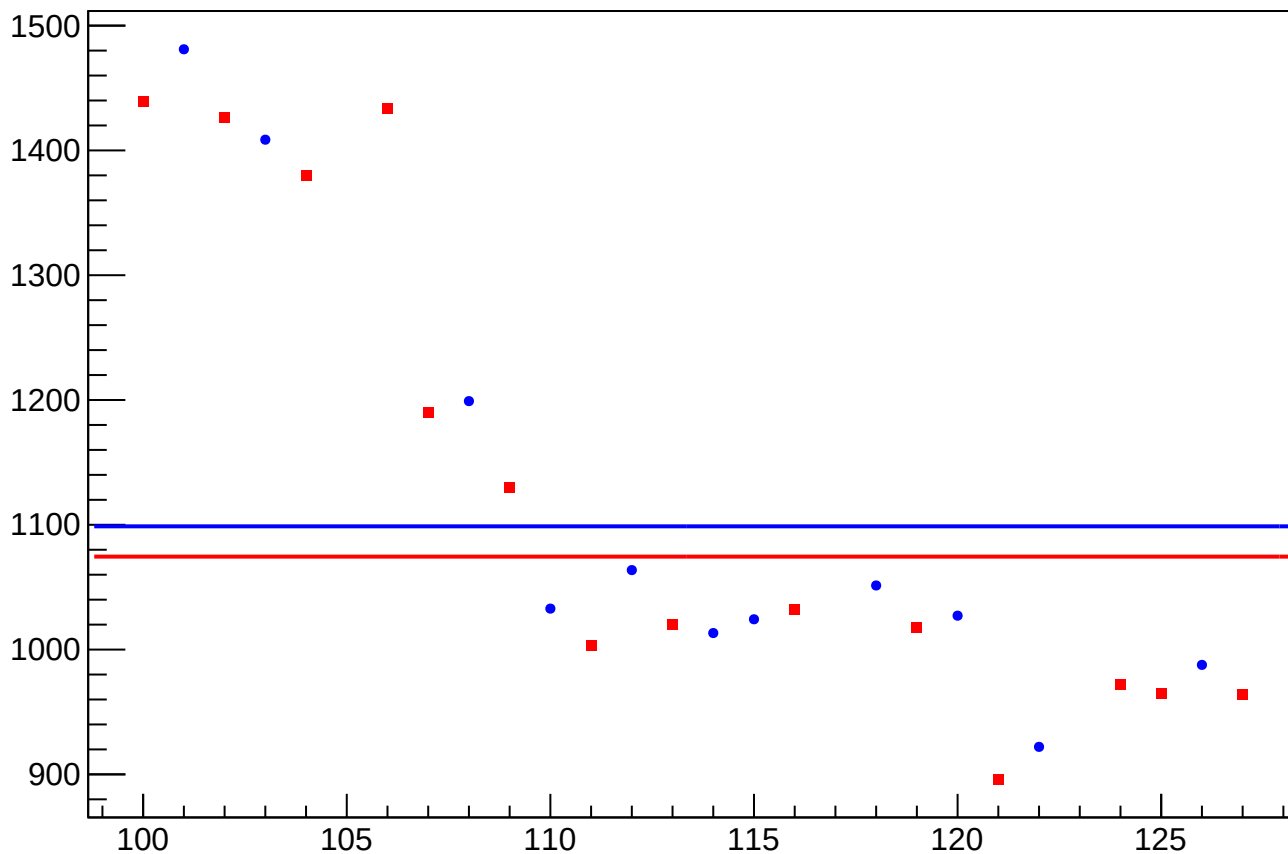
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.464 $\pm$ 0.347 χ^2 /NDF: 231.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l04Y_rms vs Slug



Right In: 1098.761 $\pm$ 0.371 χ^2 /NDF: 204919.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1074.496 $\pm$ 0.327 χ^2 /NDF: 258148.1/13

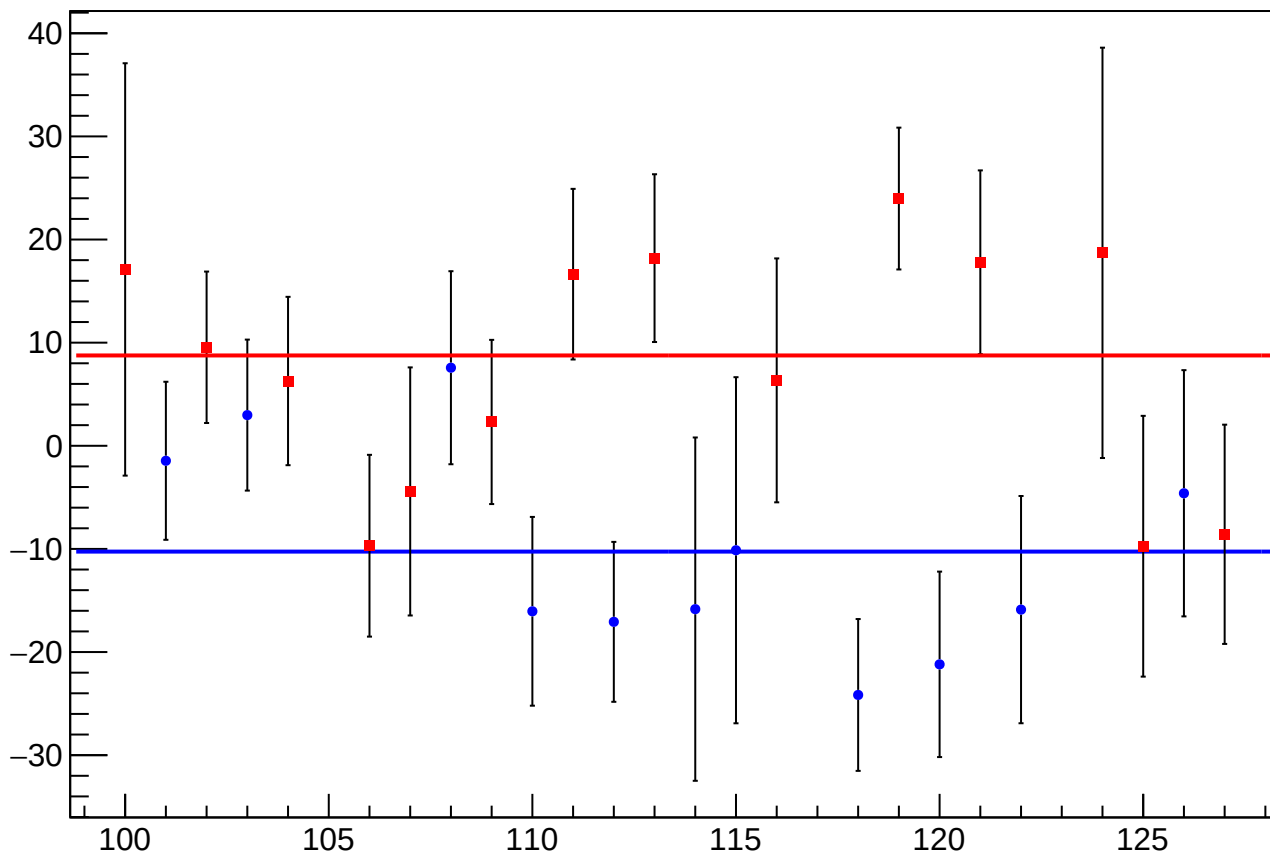
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1085.114 $\pm$ 0.245 χ^2 /NDF: 465474.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l05X_mean vs Slug



Right In: -10.260 ± 2.785 $\chi^2/\text{NDF}: 15.0/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 8.759 ± 2.501 $\chi^2/\text{NDF}: 19.8/13$

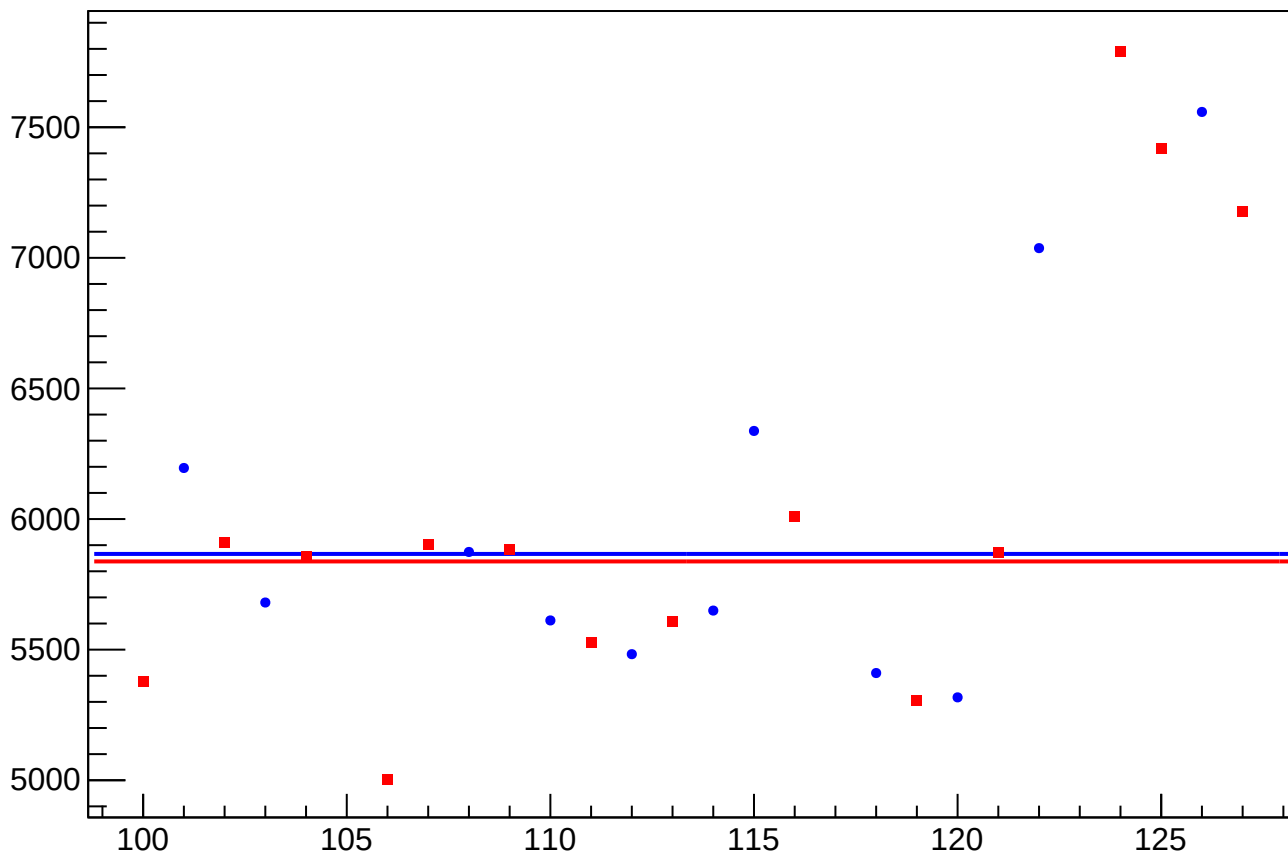
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.269 ± 1.861 $\chi^2/\text{NDF}: 60.6/24$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

diff_bpm0l05X_rms vs Slug



Right In: 5866.441 $\pm$ 1.969 χ^2 /NDF: 91240.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5837.728 $\pm$ 1.768 χ^2 /NDF: 118331.9/13

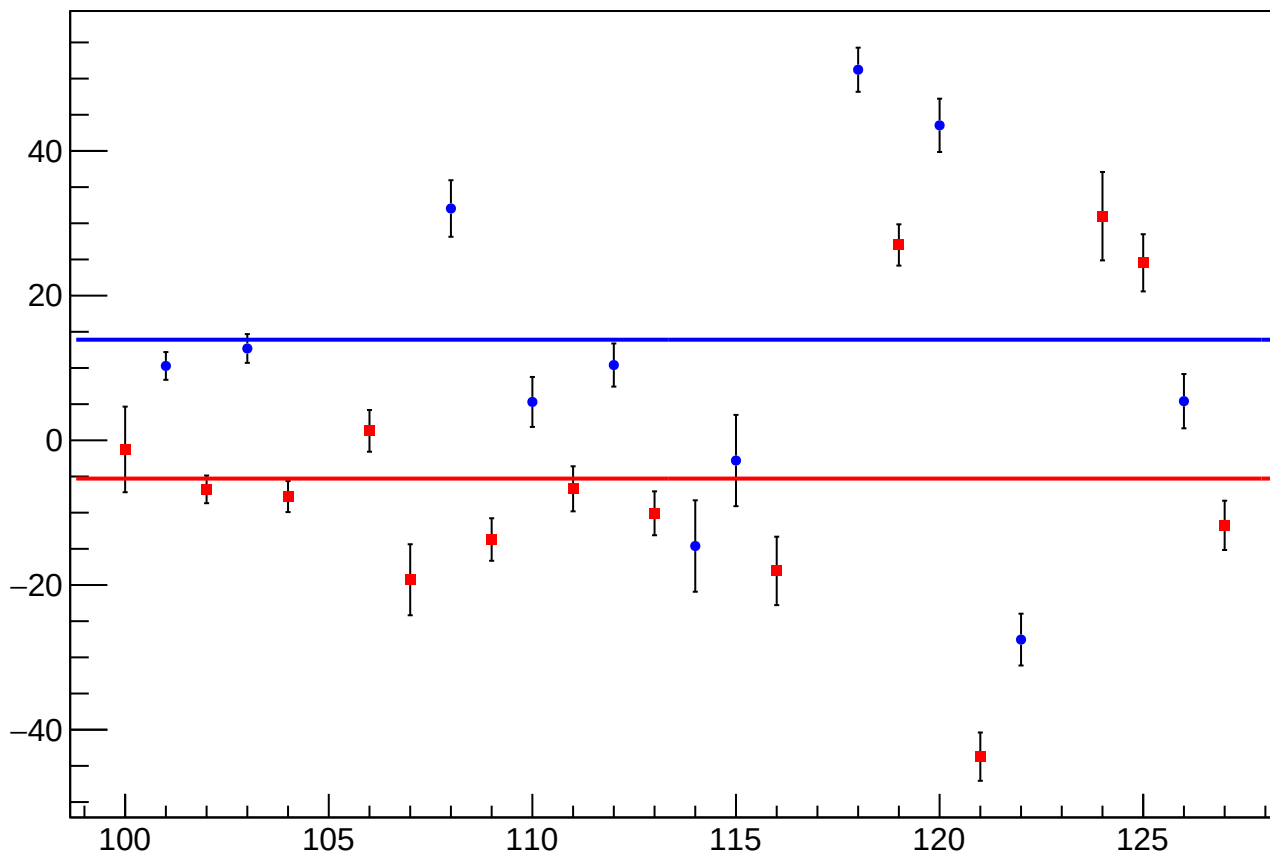
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5850.546 $\pm$ 1.316 χ^2 /NDF: 209690.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l05Y_mean vs Slug



Right In: 13.908+/-0.926 χ^2/NDF : 414.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.288+/-0.832 χ^2/NDF : 390.3/13

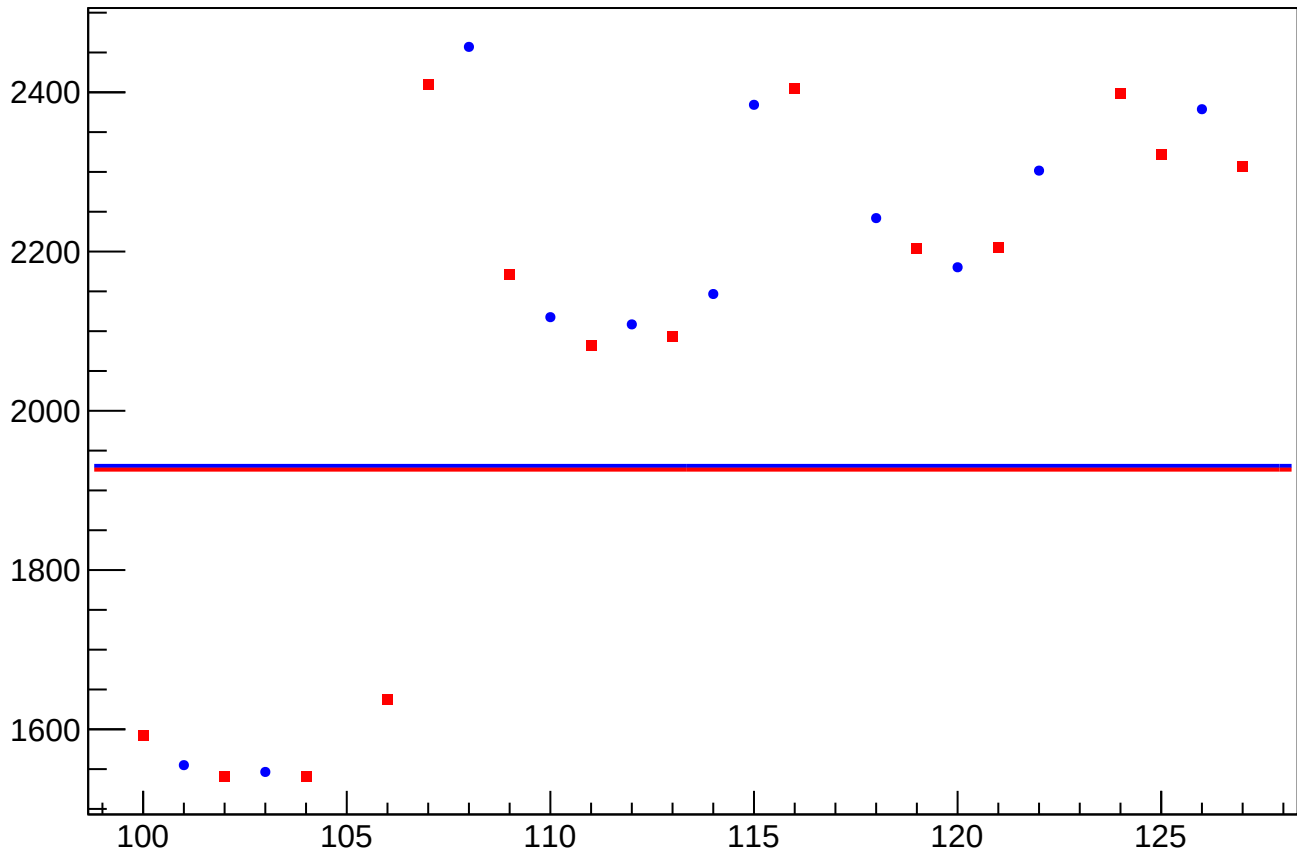
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.292+/-0.619 χ^2/NDF : 1042.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l05Y_rms vs Slug



Right In: 1930.814+/-0.654 χ^2/NDF : 293468.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

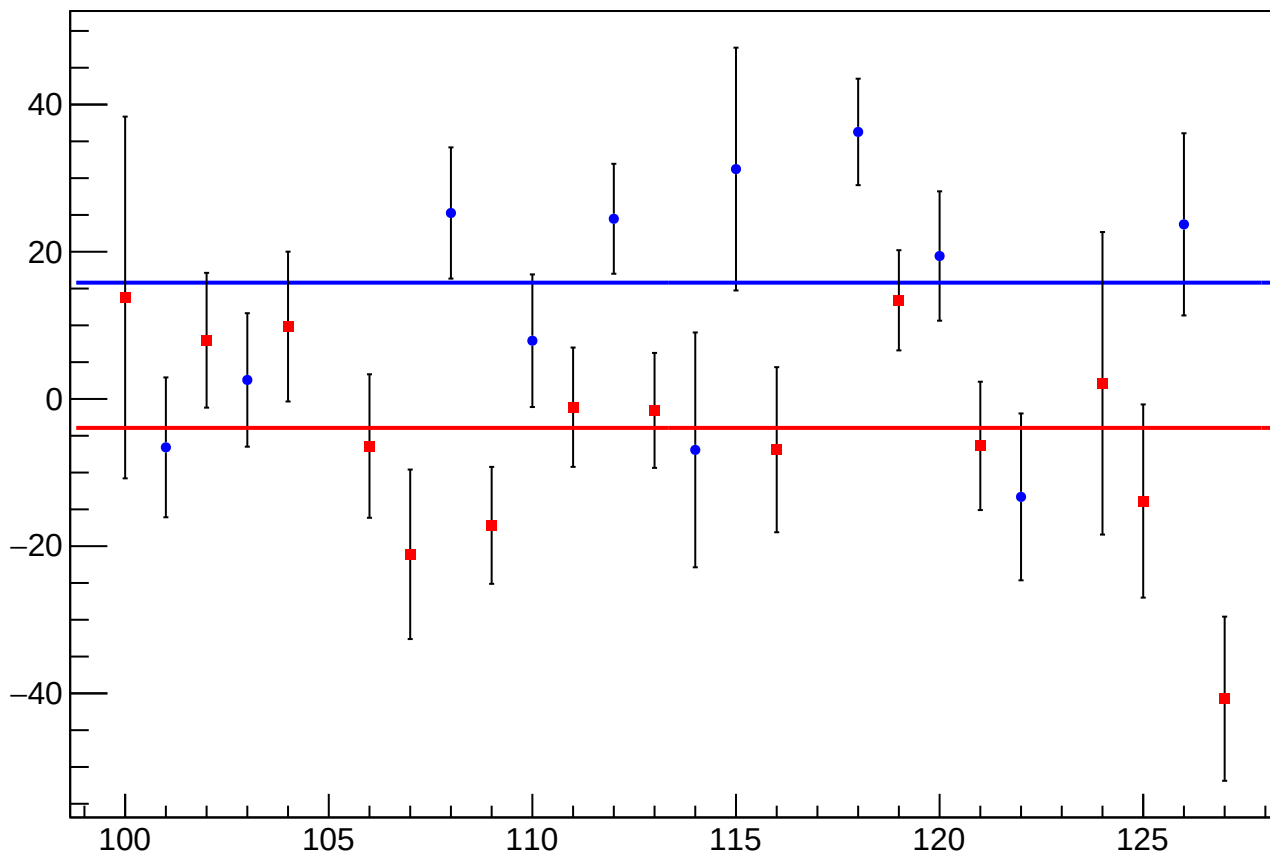
Right Out: 1926.108+/-0.588 χ^2/NDF : 327538.6/13

All: 1928.212+/-0.438 χ^2/NDF : 621035.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l06X_mean vs Slug



Right In: 15.800+/-2.886 χ^2/NDF : 29.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.932+/-2.602 χ^2/NDF : 27.5/13

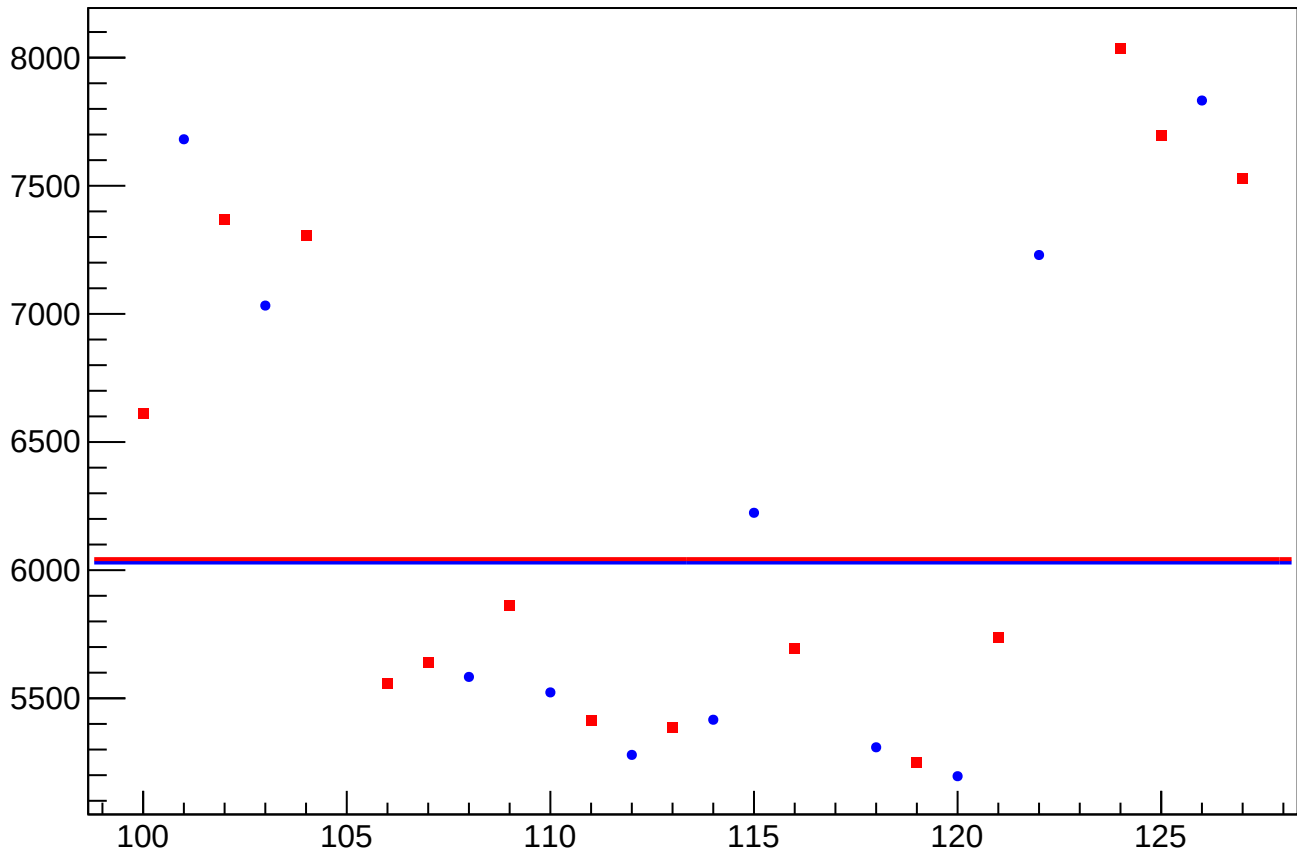
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.917+/-1.933 χ^2/NDF : 82.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l06X_rms vs Slug



Right In: 6029.822+/-2.041 χ^2 /NDF: 222423.1/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

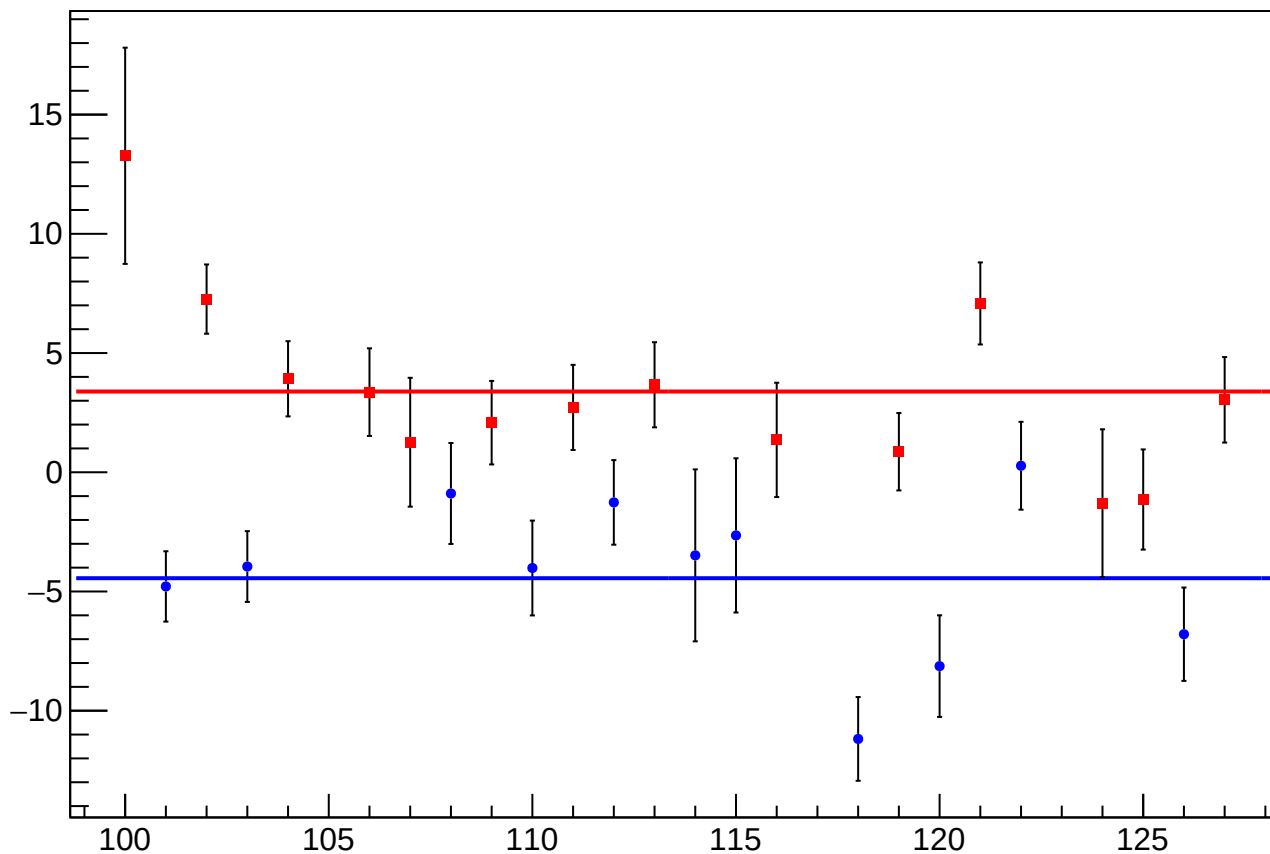
Right Out: 6043.090+/-1.840 χ^2 /NDF: 226004.9/13

All: 6037.140+/-1.367 χ^2 /NDF: 448451.3/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm0l06Y_mean vs Slug



Right In: -4.443 ± 0.579 χ^2/NDF : 32.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 3.387 ± 0.510 χ^2/NDF : 28.0/13

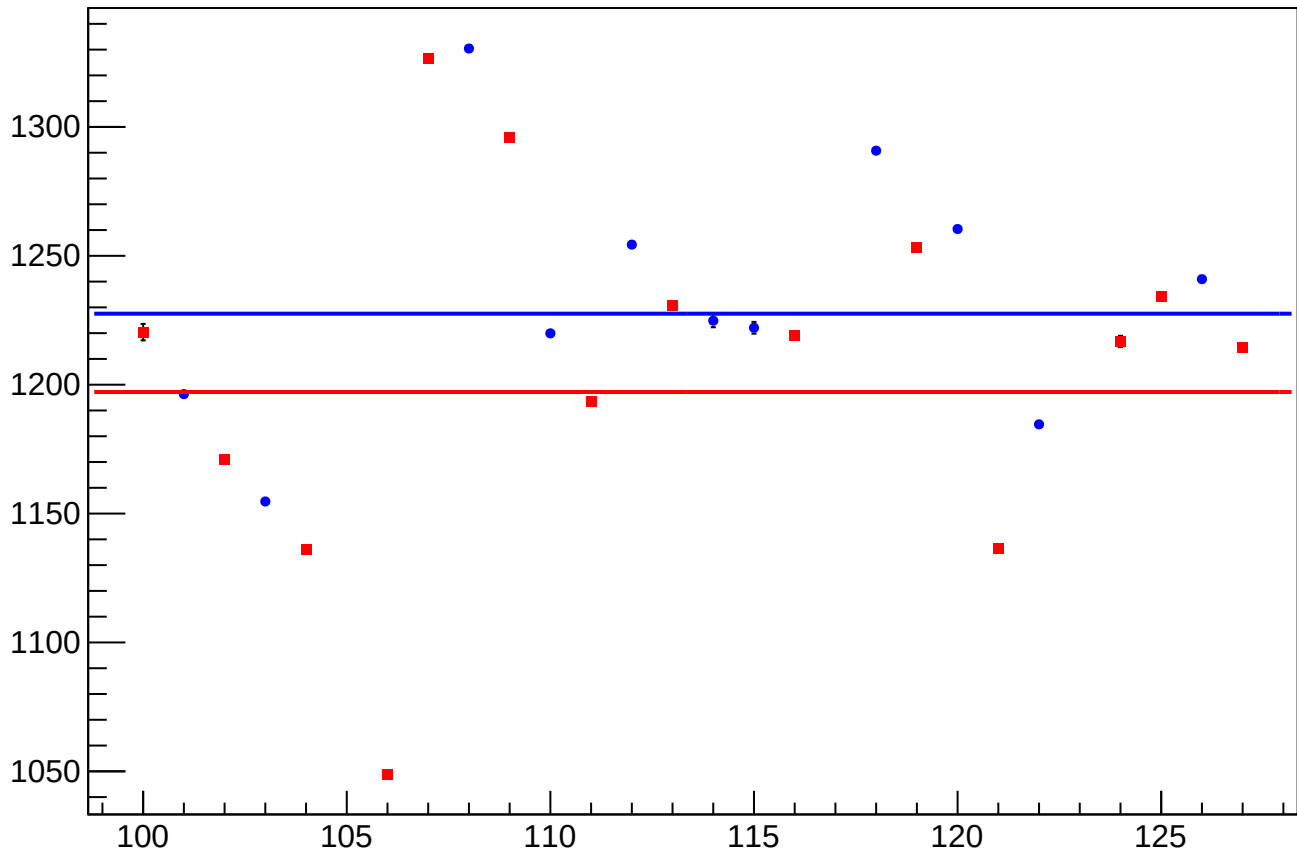
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.032 ± 0.383 χ^2/NDF : 163.3/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0l06Y_rms vs Slug



Right In: 1227.552 $\pm$ 0.410 χ^2 /NDF: 15181.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1197.160 $\pm$ 0.361 χ^2 /NDF: 34359.2/13

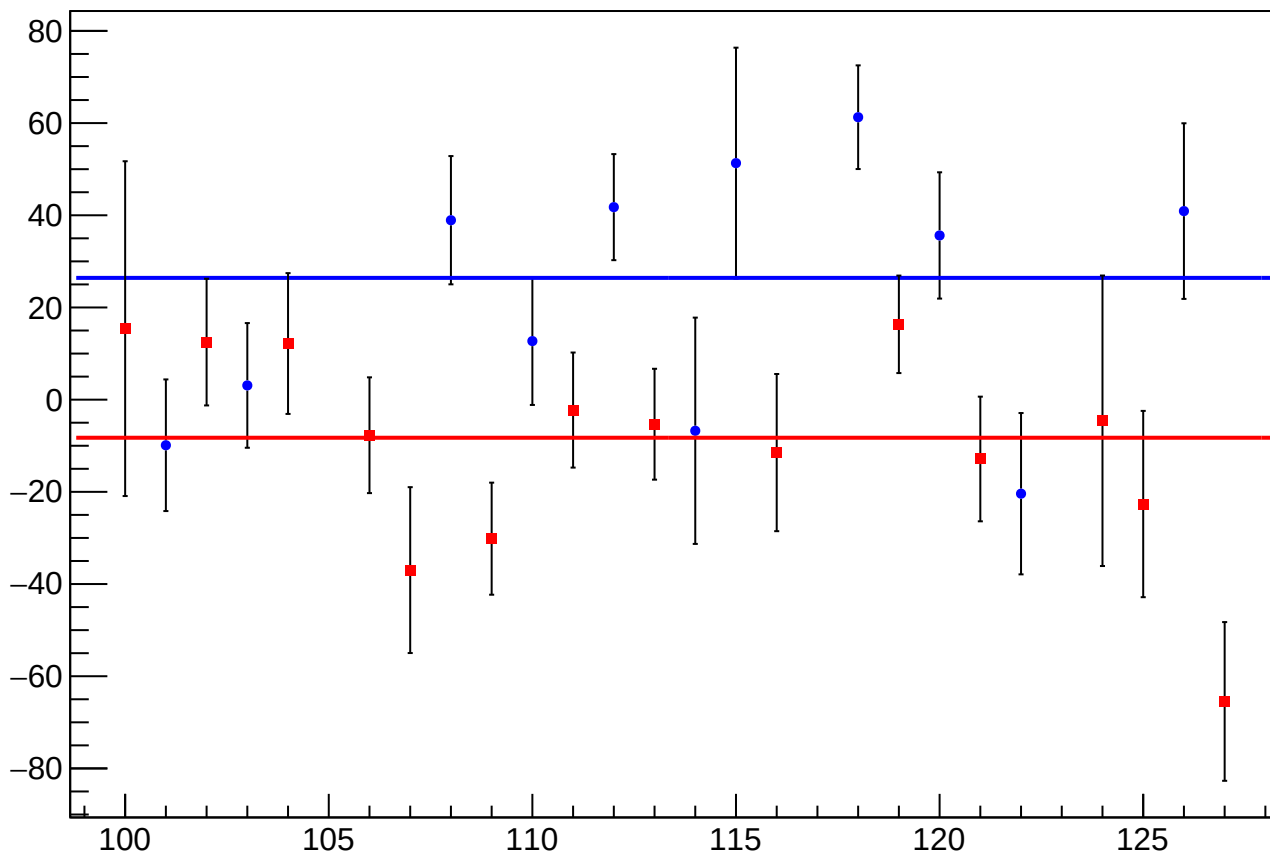
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1210.431 $\pm$ 0.271 χ^2 /NDF: 52641.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l07X_mean vs Slug



Right In: 26.420+/-4.436 χ^2 /NDF: 33.6/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -8.260+/-3.936 χ^2 /NDF: 27.7/13

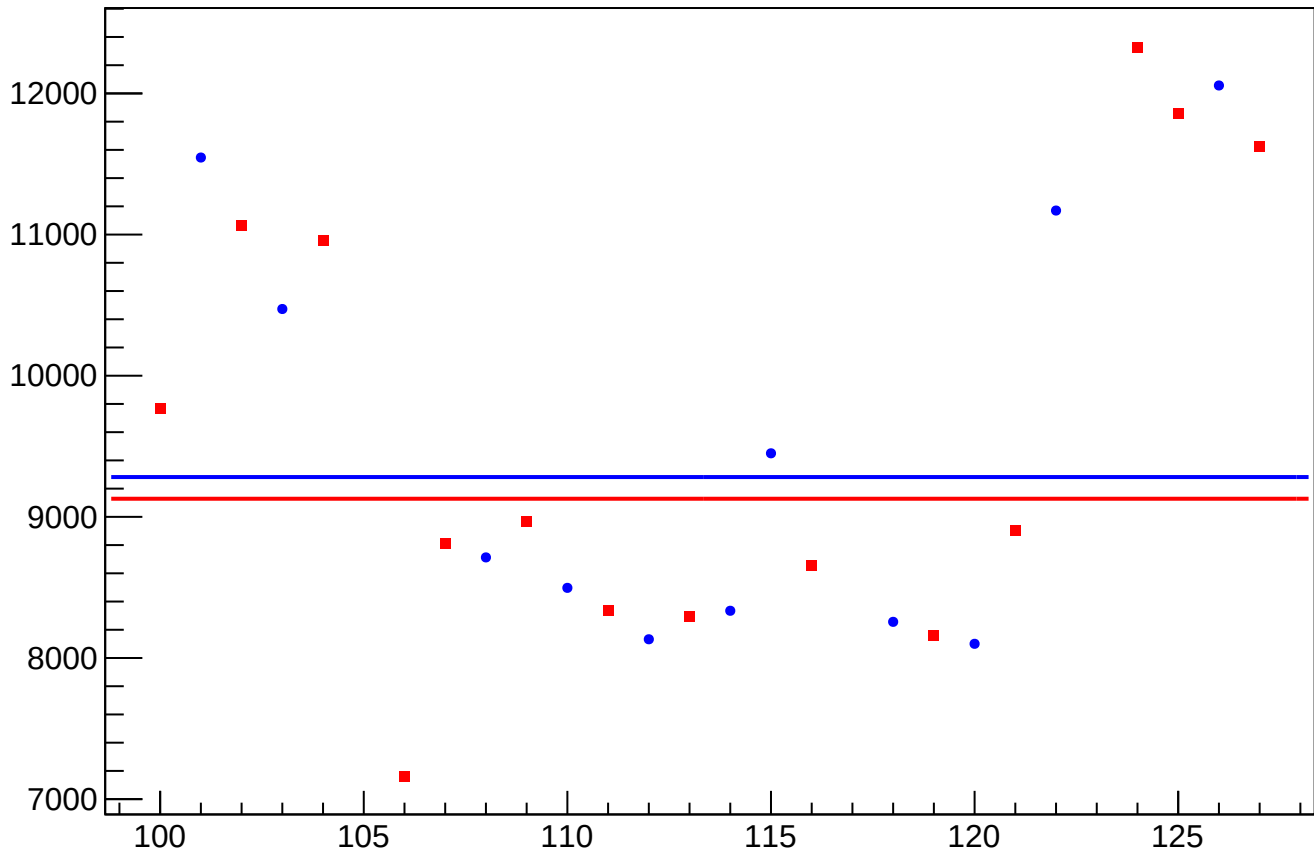
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 7.014+/-2.944 χ^2 /NDF: 95.5/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm0l07X_rms vs Slug



Right In: 9282.035+/-3.137 χ^2/NDF : 195783.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

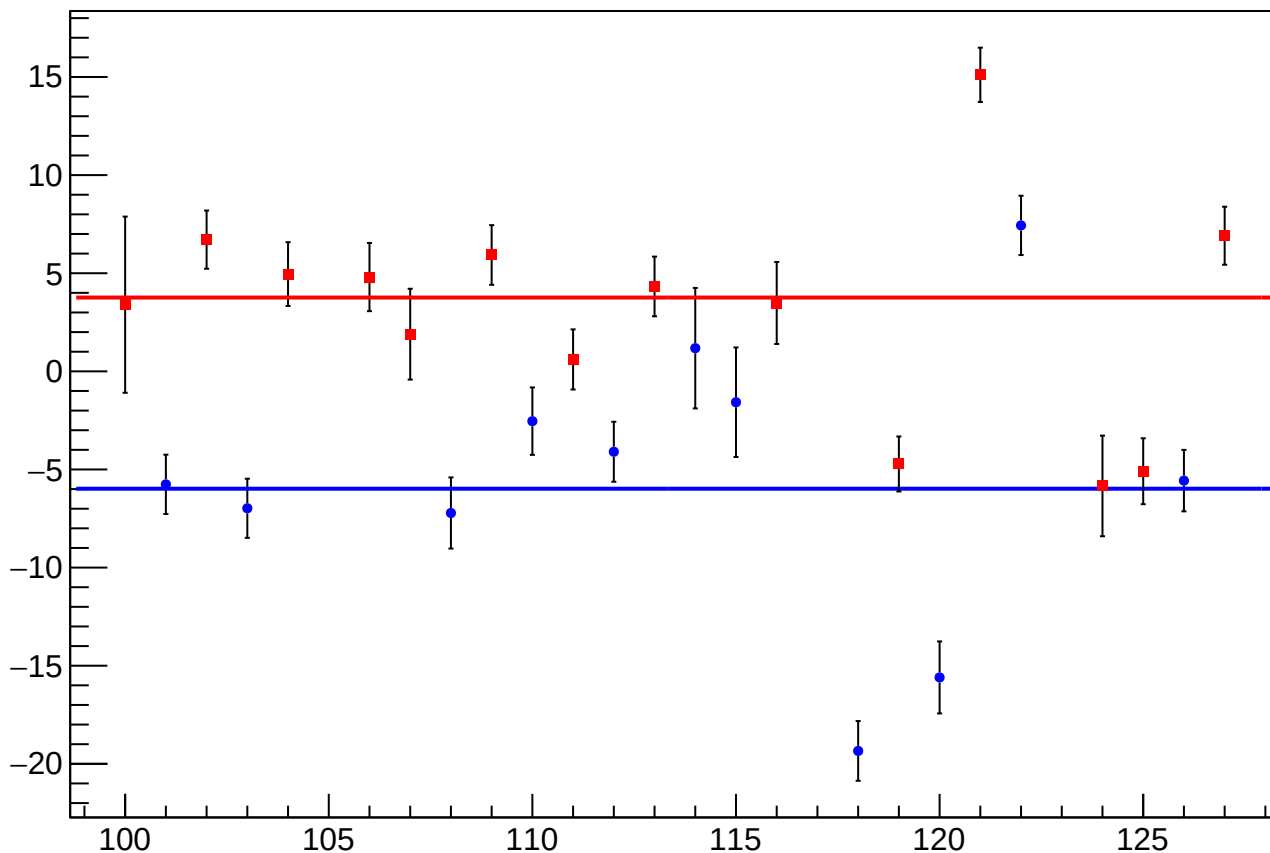
Right Out: 9128.380+/-2.783 χ^2/NDF : 254706.0/13

All: 9196.057+/-2.082 χ^2/NDF : 451832.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l07Y_mean vs Slug



Right In: -5.980+/-0.516 χ^2/NDF : 197.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.761+/-0.451 χ^2/NDF : 162.3/13

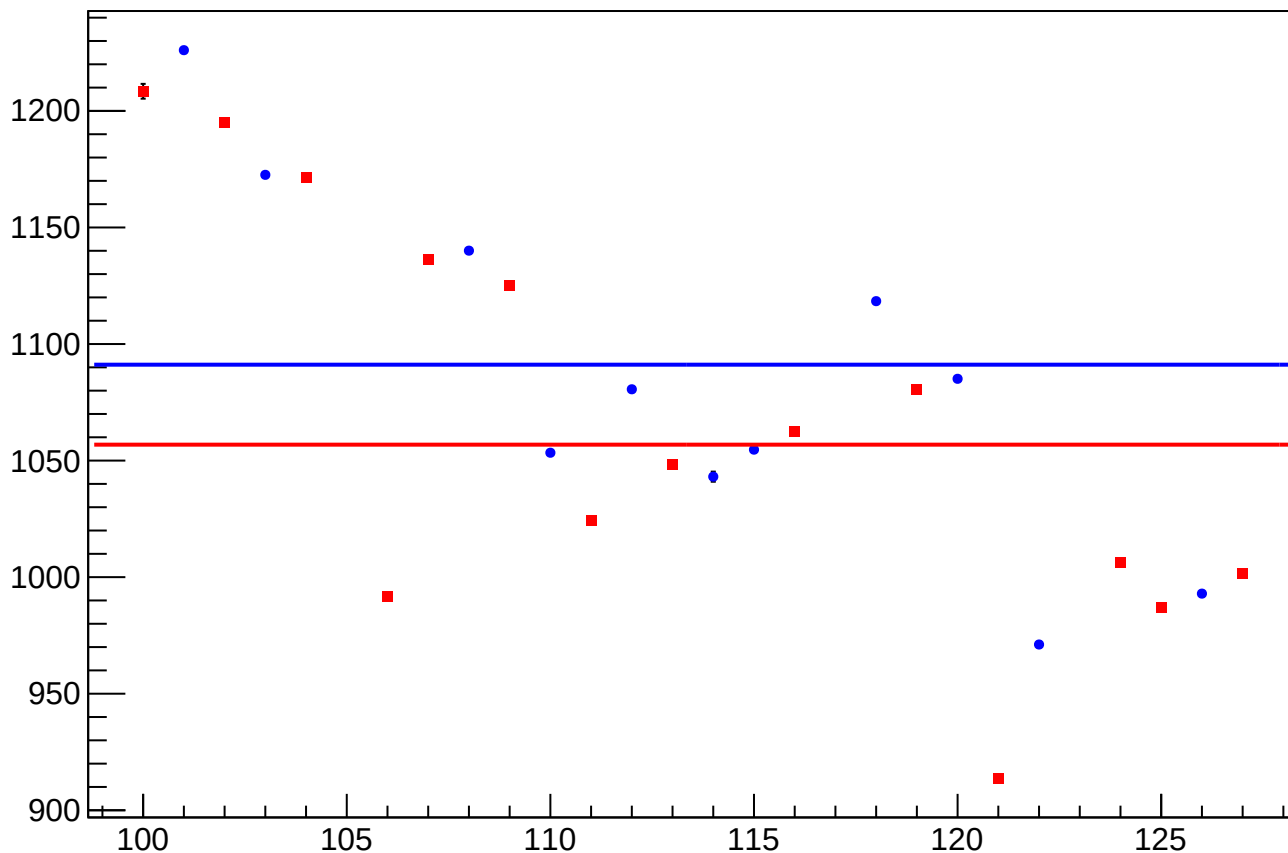
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.458+/-0.340 χ^2/NDF : 562.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l07Y_rms vs Slug



Right In: 1091.141 $\pm$ 0.365 χ^2 /NDF: 46260.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1056.833 $\pm$ 0.319 χ^2 /NDF: 68861.4/13

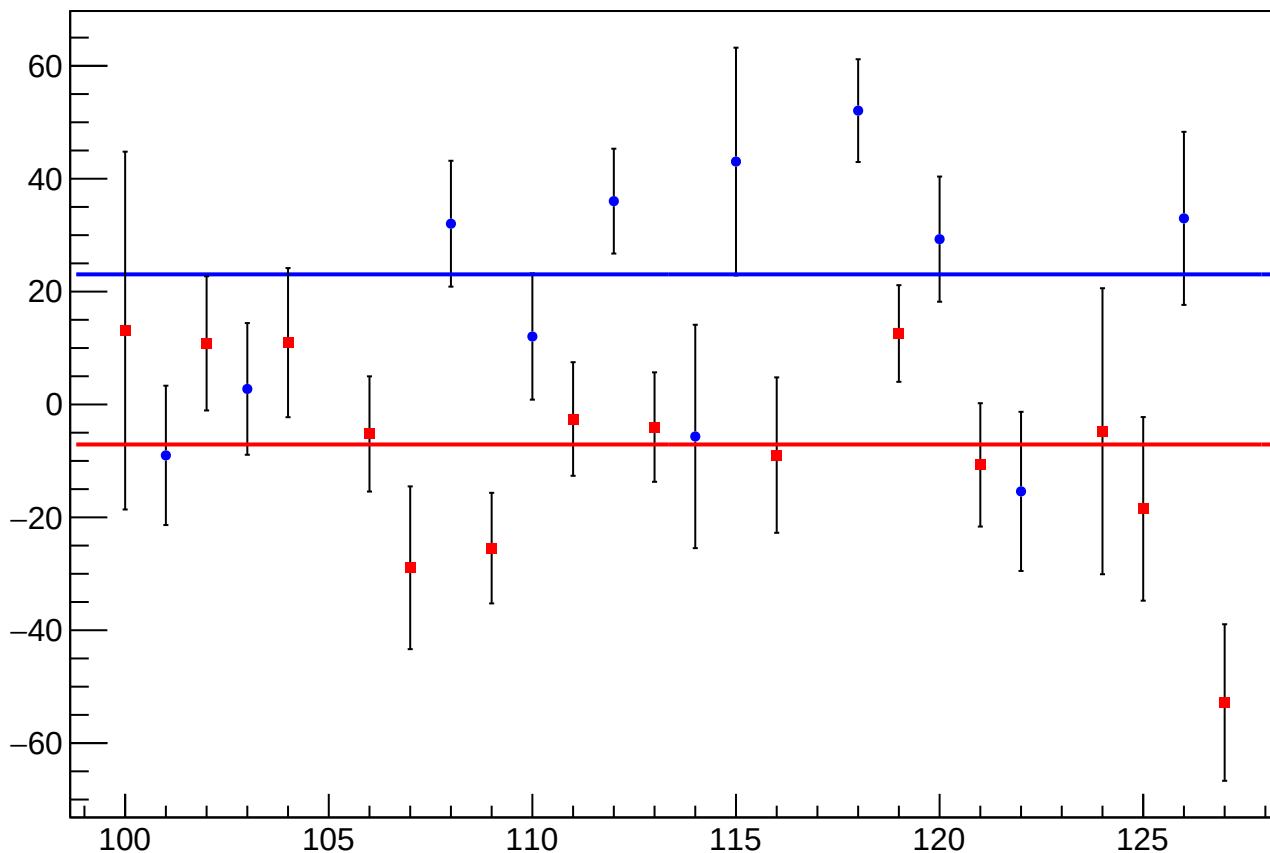
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1071.692 $\pm$ 0.240 χ^2 /NDF: 120136.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l08X_mean vs Slug



Right In: 23.054 $\pm$ 3.627 χ^2 /NDF: 34.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -7.088 $\pm$ 3.212 χ^2 /NDF: 27.5/13

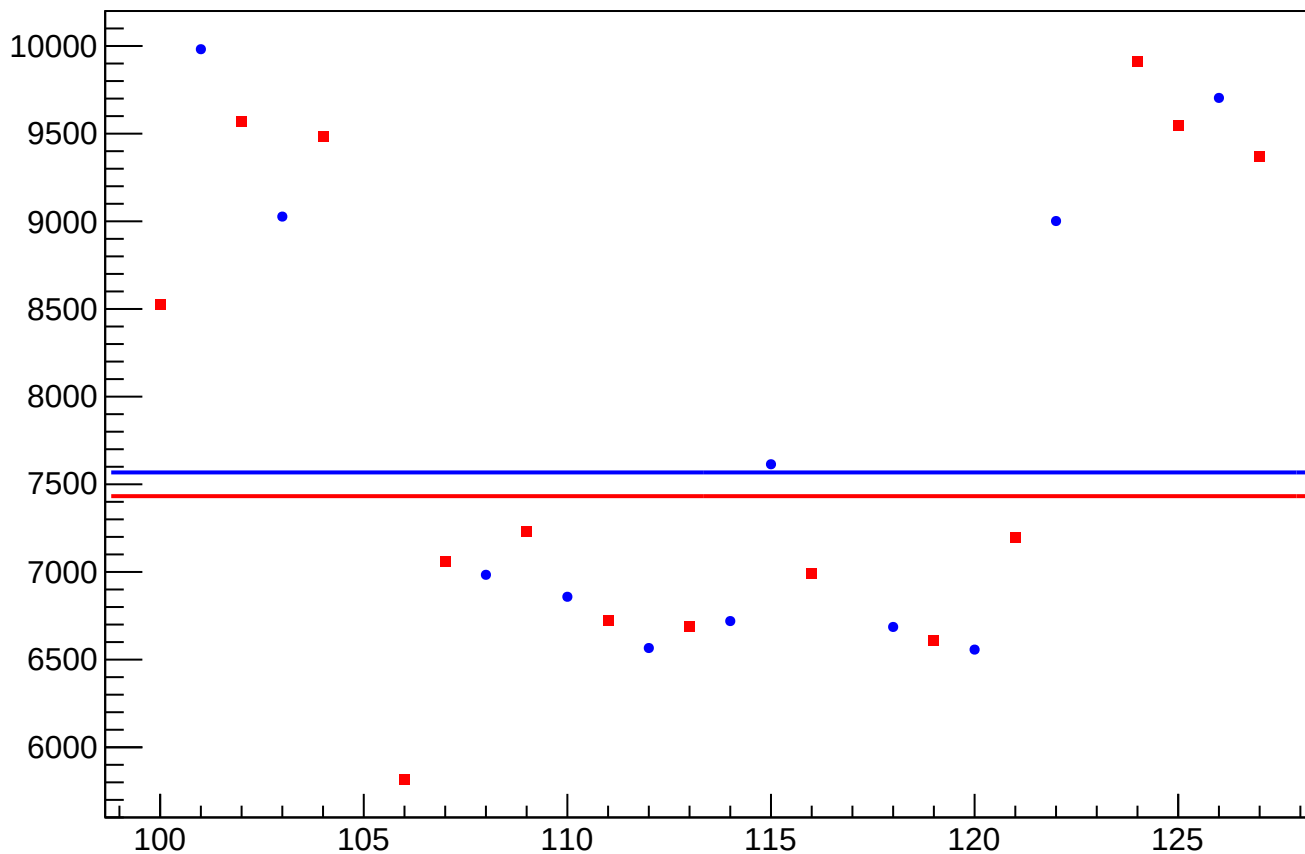
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.159 $\pm$ 2.405 χ^2 /NDF: 100.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l08X_rms vs Slug



Right In: 7567.673+/-2.565 χ^2/NDF : 243078.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7432.357+/-2.271 χ^2/NDF : 302514.5/13

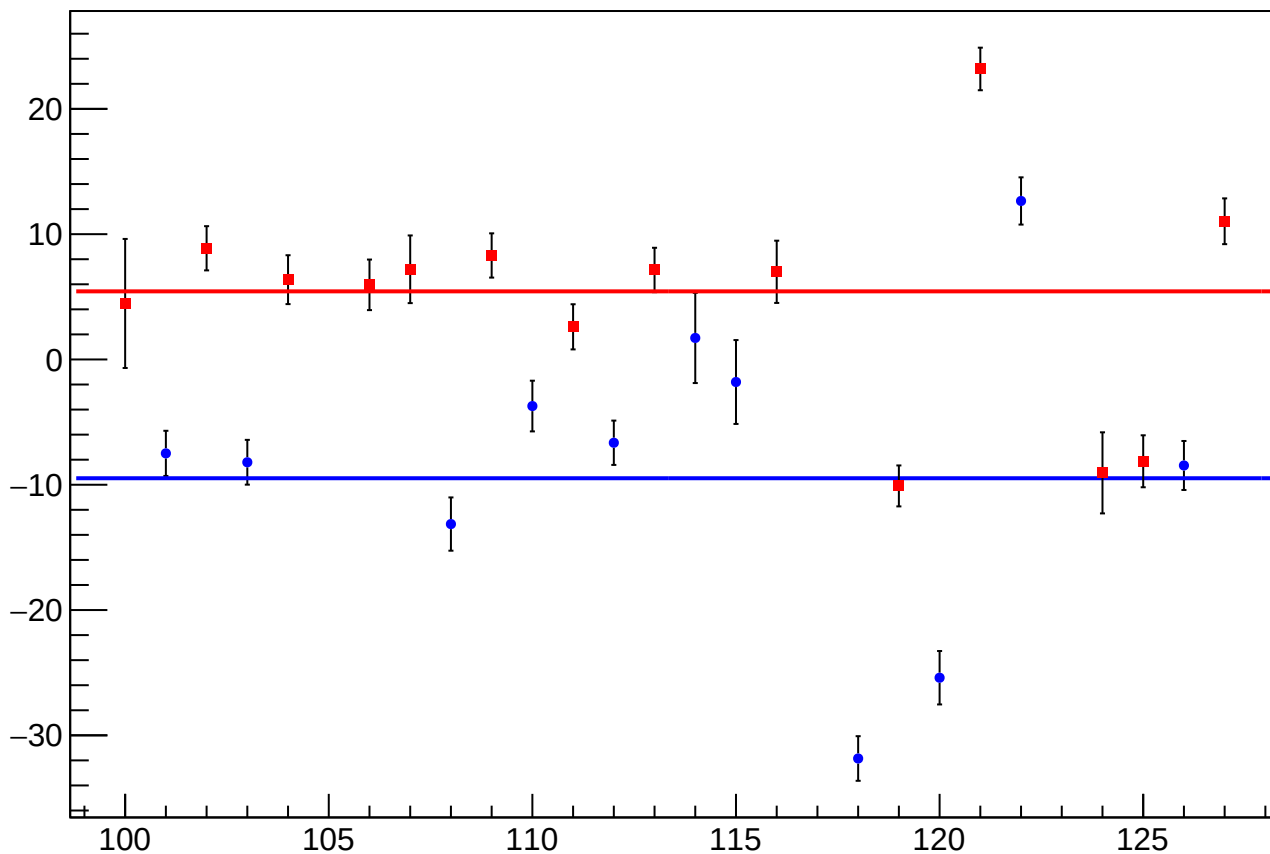
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7491.829+/-1.700 χ^2/NDF : 547152.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l08Y_mean vs Slug



Right In: -9.480+/-0.614 χ^2/NDF : 381.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.436+/-0.537 χ^2/NDF : 282.6/13

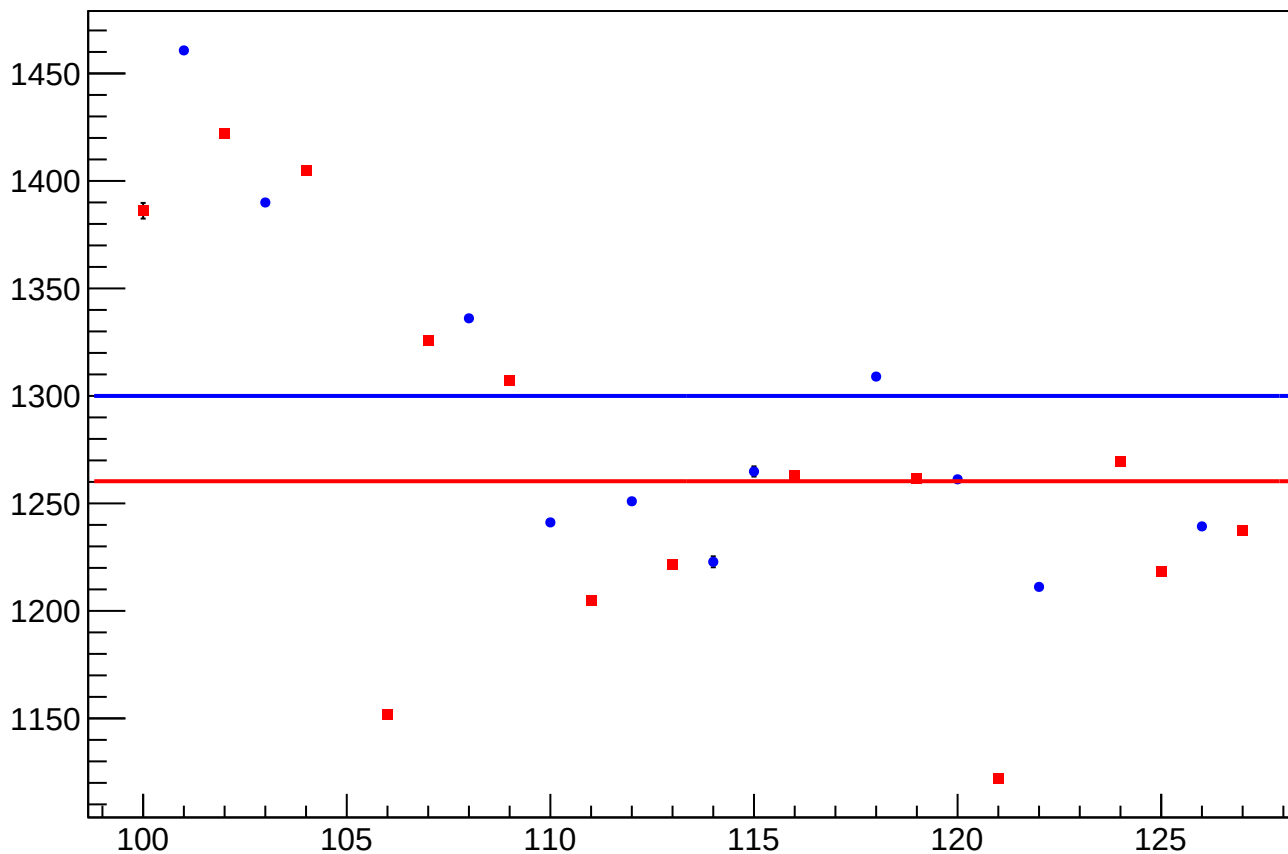
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.033+/-0.404 χ^2/NDF : 998.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l08Y_rms vs Slug



Right In: 1299.990 $\pm$ 0.434 χ^2 /NDF: 33010.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1260.323 $\pm$ 0.380 χ^2 /NDF: 54645.7/13

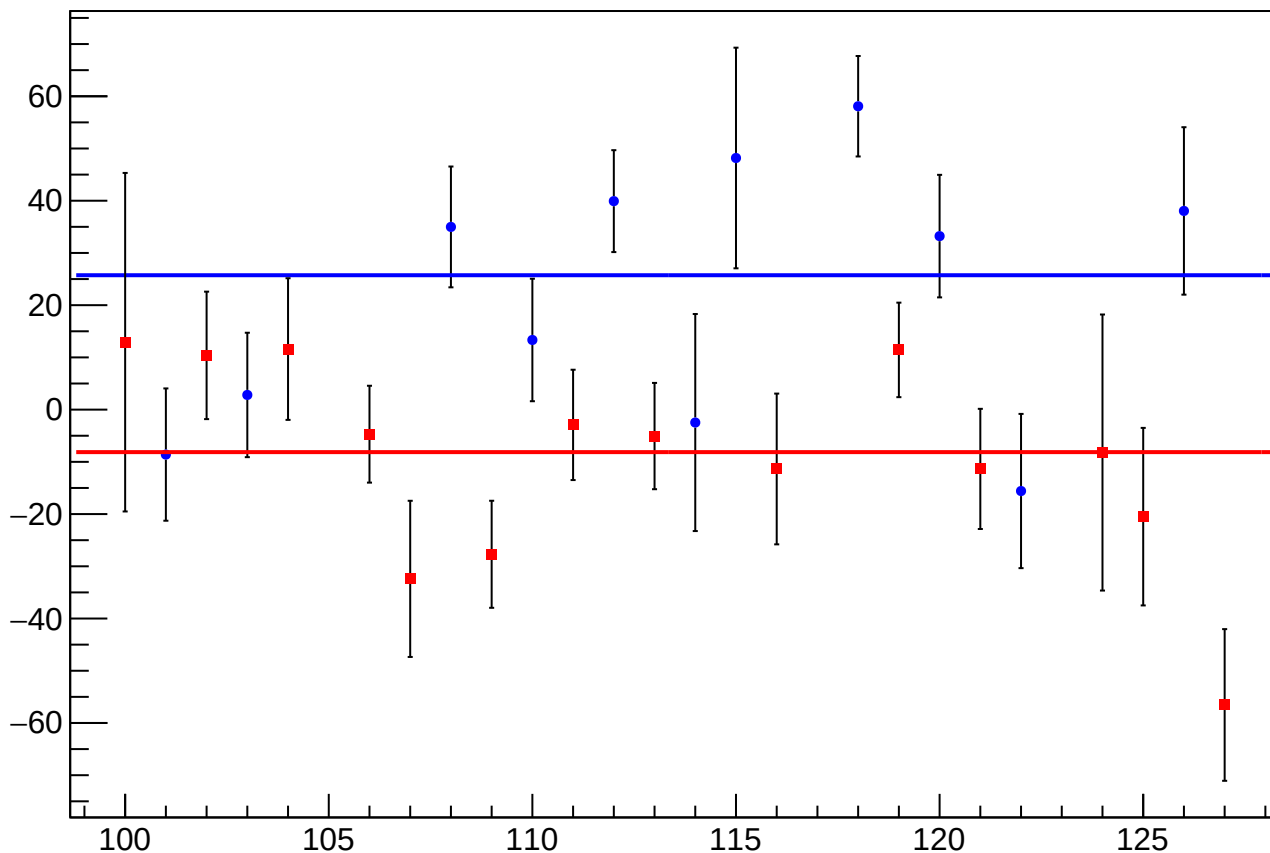
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1277.525 $\pm$ 0.286 χ^2 /NDF: 92381.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l09X_mean vs Slug



Right In: 25.734+/-3.789 χ^2 /NDF: 38.0/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -8.137+/-3.305 χ^2 /NDF: 28.0/13

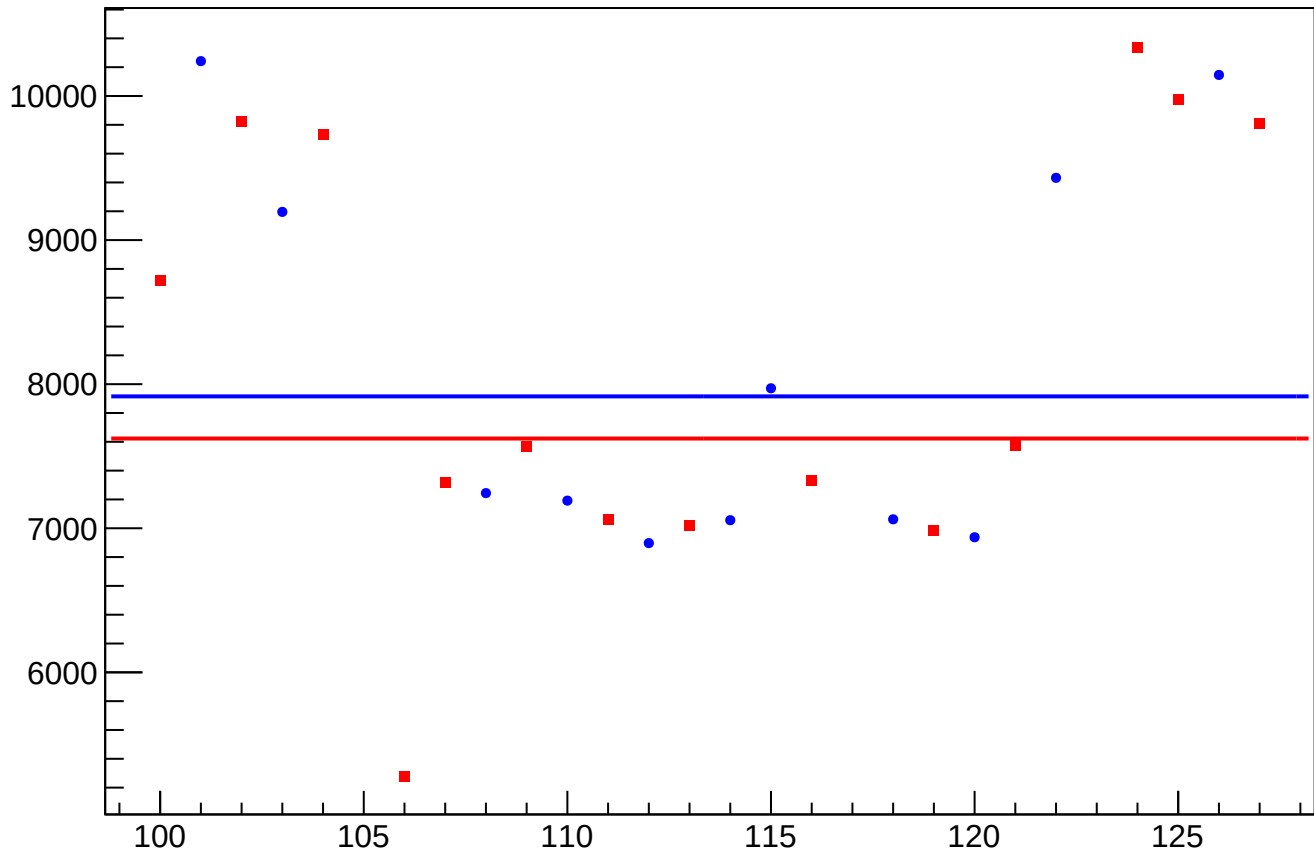
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 6.498+/-2.491 χ^2 /NDF: 111.5/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm0l09X_rms vs Slug



Right In: 7915.305 $\pm$ 2.679 χ^2 /NDF: 219652.4/10

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

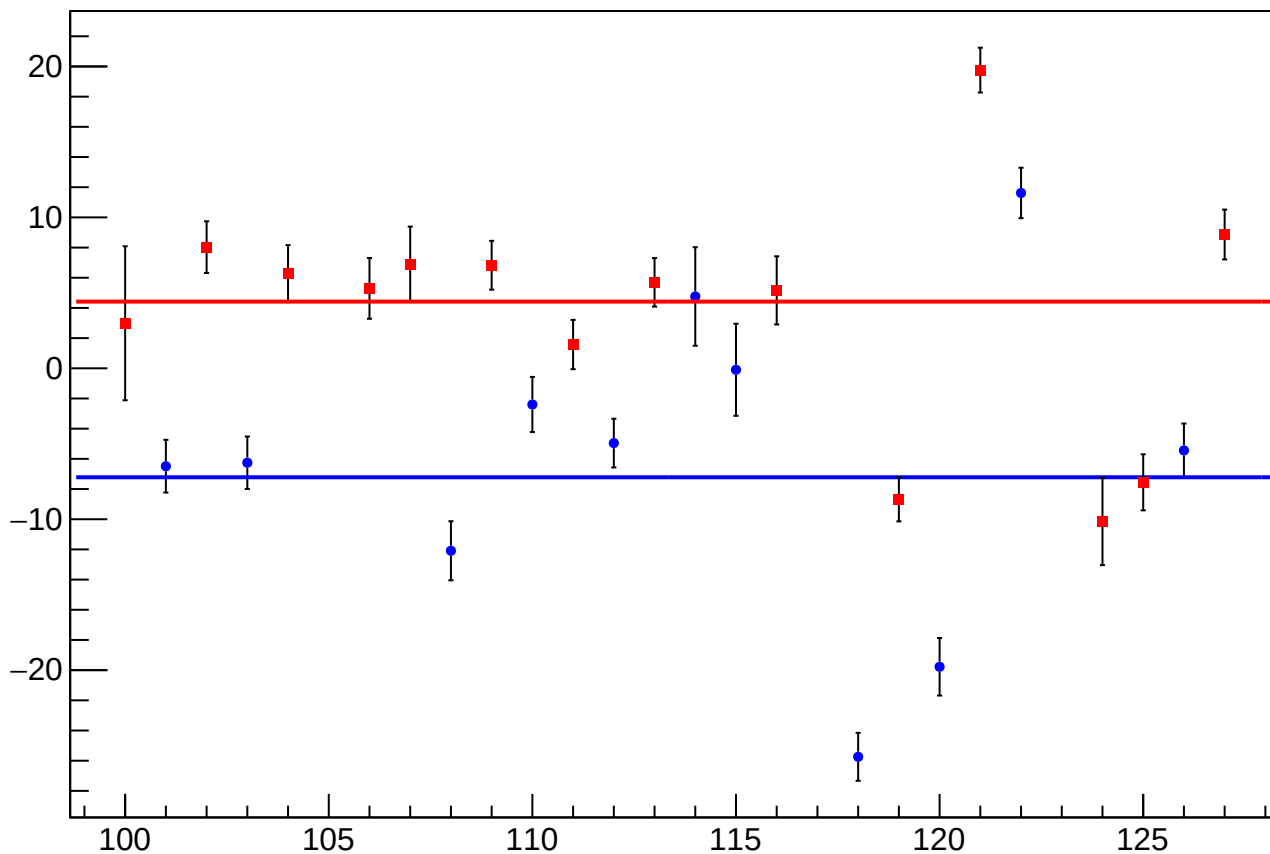
Right Out: 7622.783 $\pm$ 2.337 χ^2 /NDF: 373271.9/13

All: 7749.170 $\pm$ 1.761 χ^2 /NDF: 599693.5/24

- 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_bpm0l09Y_mean vs Slug



Right In: -7.220+/-0.564 χ^2/NDF : 341.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.420+/-0.493 χ^2/NDF : 274.2/13

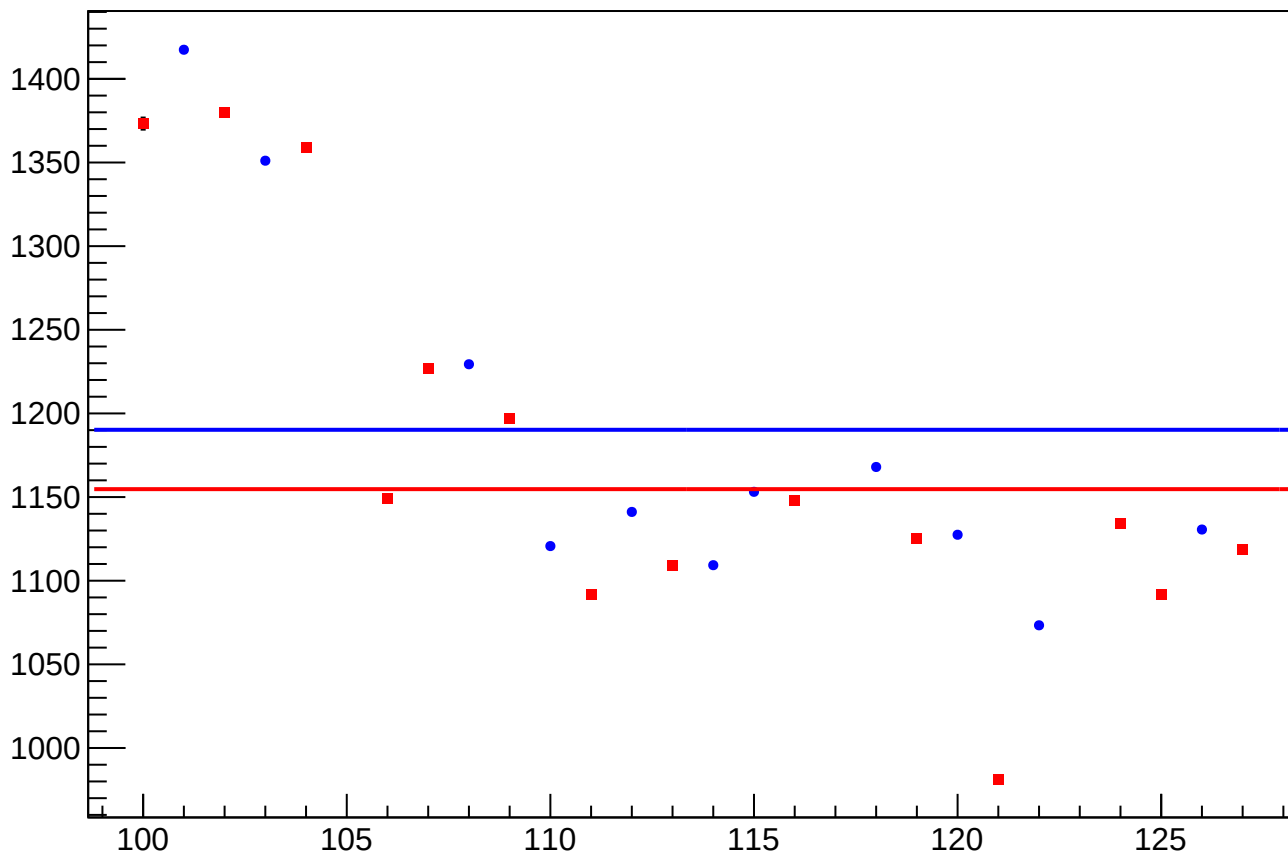
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.631+/-0.371 χ^2/NDF : 857.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l09Y_rms vs Slug



Right In: 1190.220+/-0.399 χ^2/NDF : 72580.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1154.736+/-0.349 χ^2/NDF : 100796.3/13

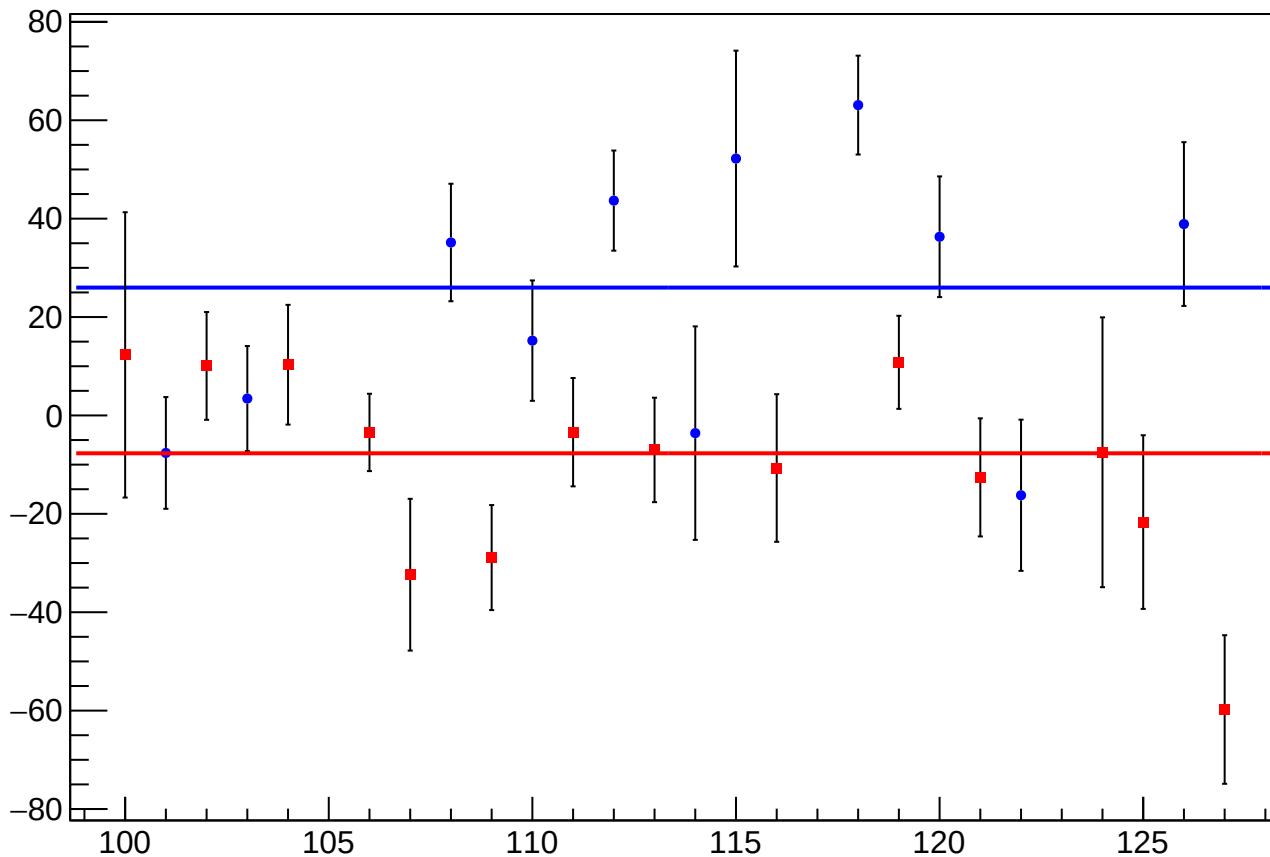
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1170.134+/-0.263 χ^2/NDF : 177864.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l10X_mean vs Slug



Right In: 25.988 $\pm$ 3.821 χ^2 /NDF: 43.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -7.694 $\pm$ 3.261 χ^2 /NDF: 28.8/13

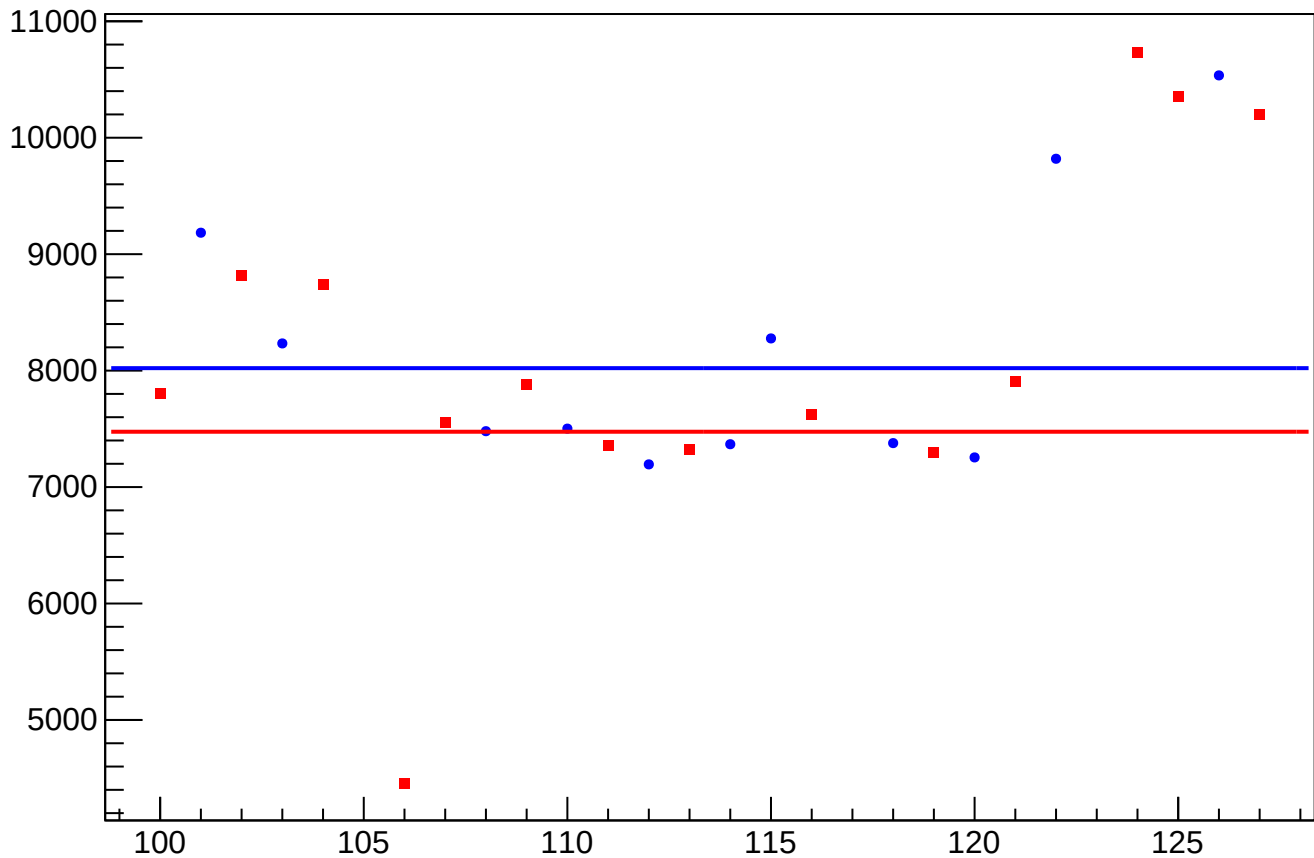
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.498 $\pm$ 2.481 χ^2 /NDF: 117.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l10X_rms vs Slug



Right In: 8021.260+/-2.702 χ^2/NDF : 133784.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

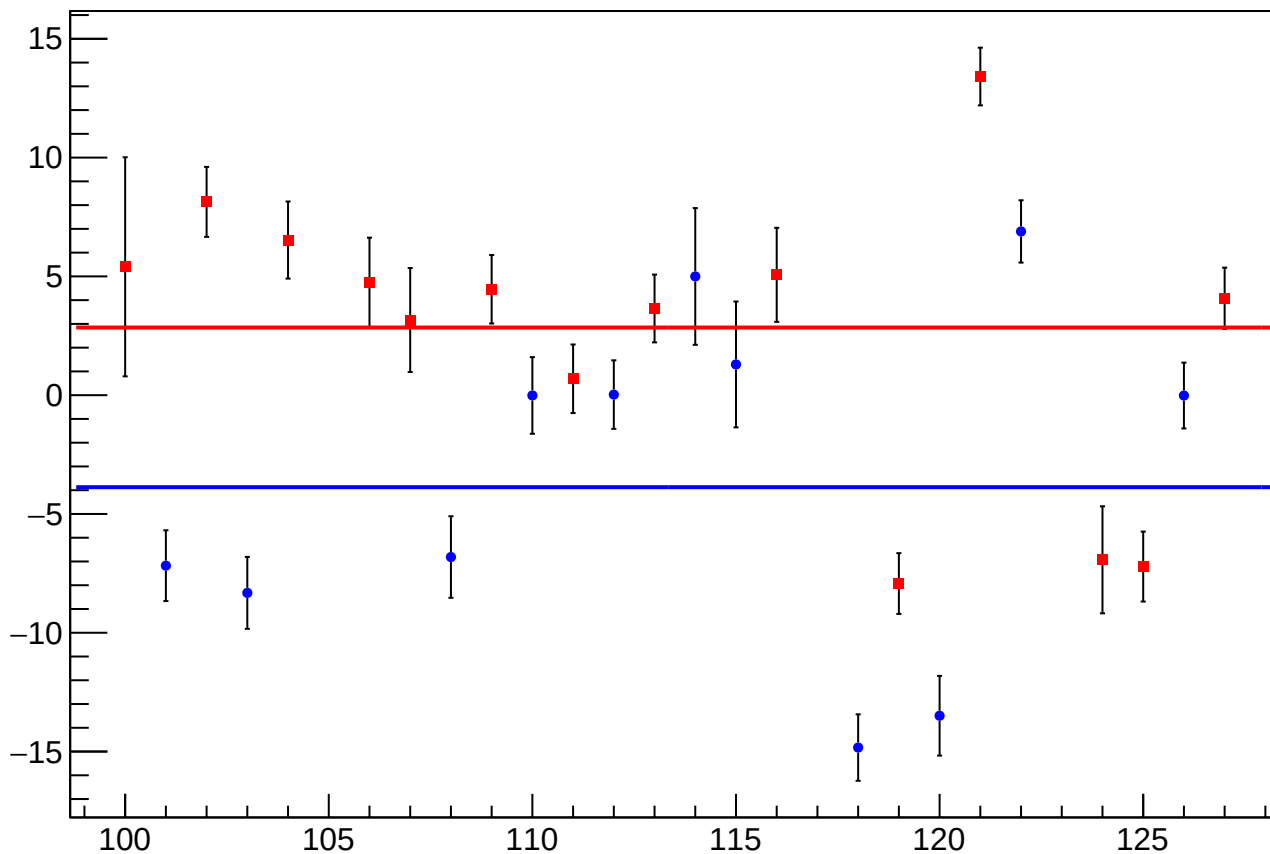
Right Out: 7475.185+/-2.306 χ^2/NDF : 500317.6/13

All: 7705.278+/-1.754 χ^2/NDF : 657734.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l10Y_mean vs Slug



Right In: -3.874+/-0.481 χ^2/NDF : 212.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.848+/-0.421 χ^2/NDF : 237.5/13

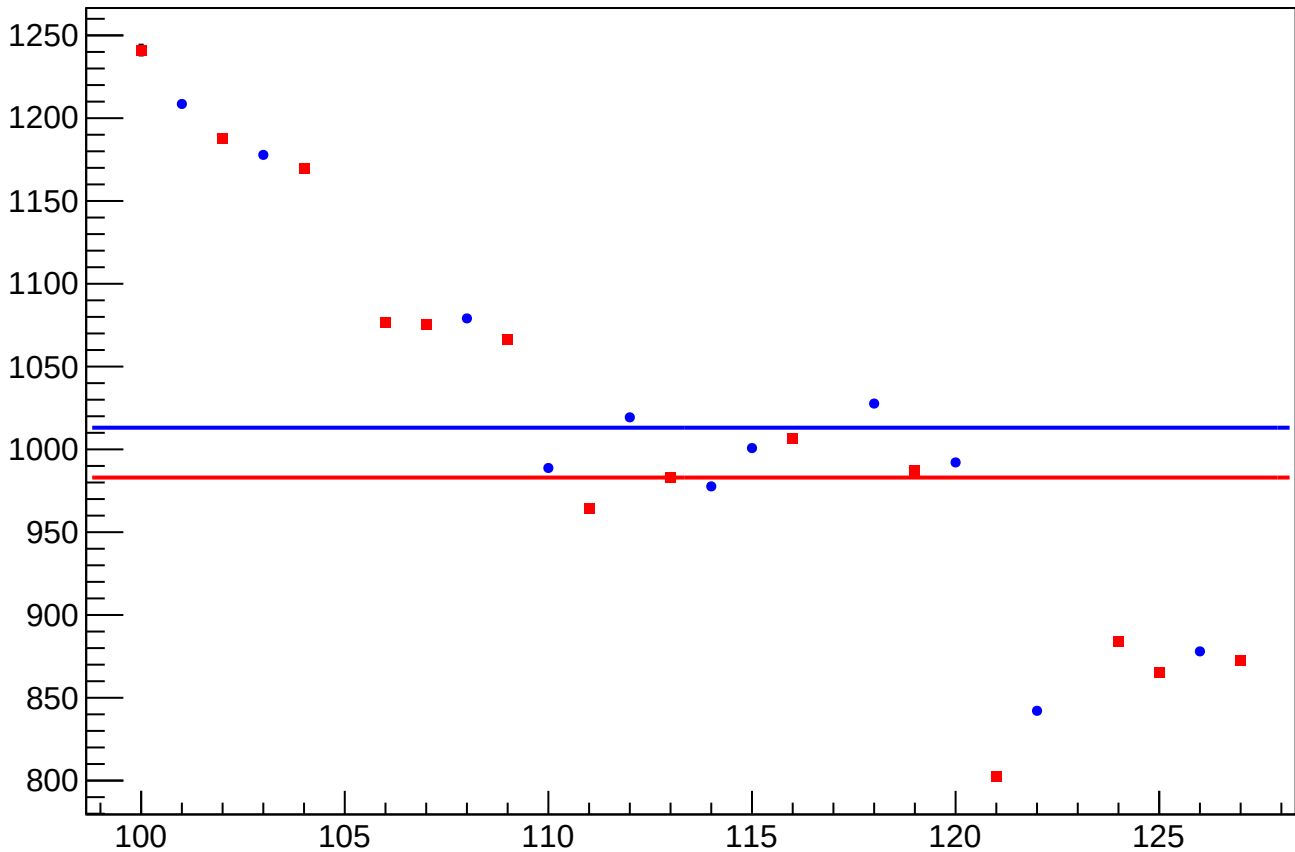
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.070+/-0.317 χ^2/NDF : 560.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l10Y_rms vs Slug



Right In: 1013.096 $\pm$ 0.340 χ^2 /NDF: 115451.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 982.988 $\pm$ 0.298 χ^2 /NDF: 162526.6/13

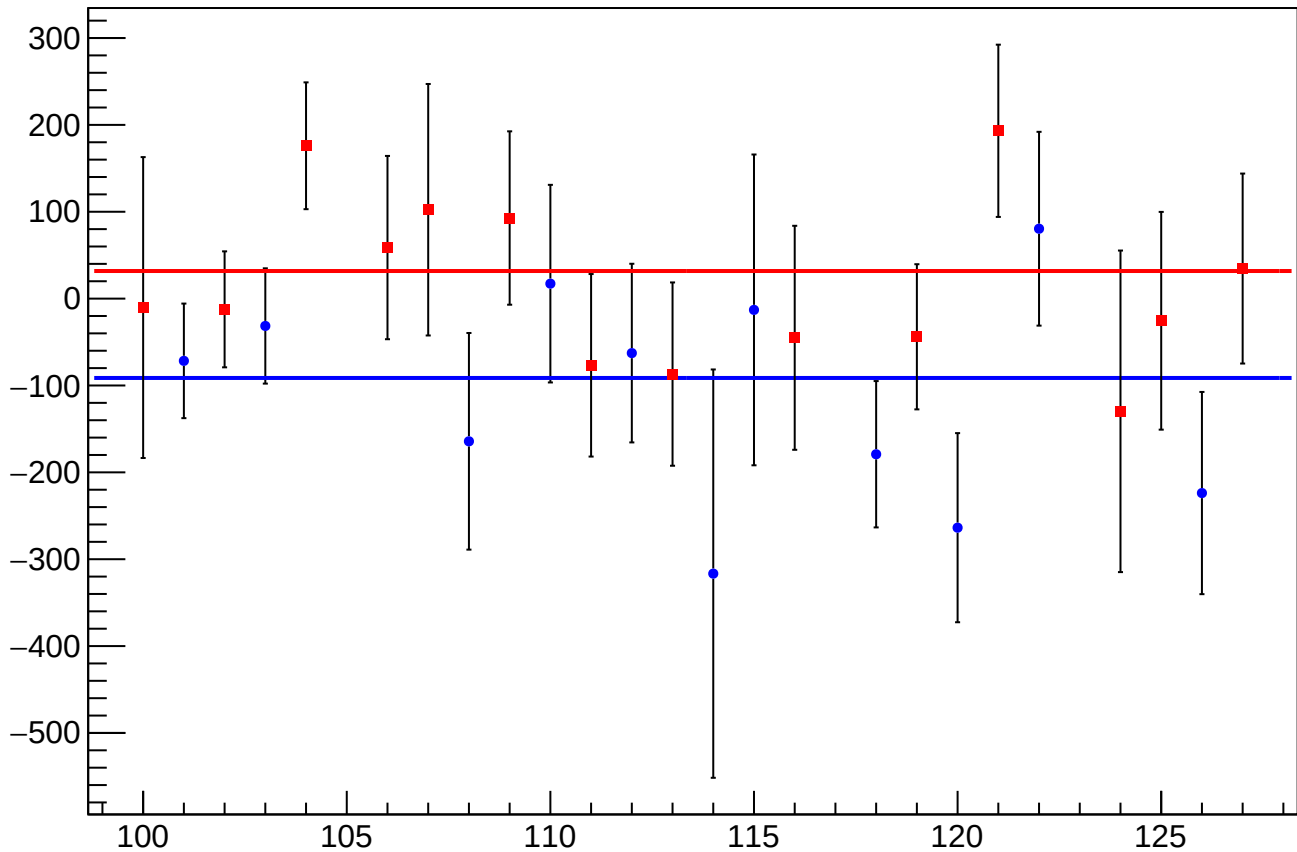
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 996.059 $\pm$ 0.224 χ^2 /NDF: 282413.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0r03X_mean vs Slug



Right In: -91.339 $\pm$ 29.854 χ^2 /NDF: 10.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 31.783 $\pm$ 27.264 χ^2 /NDF: 12.2/13

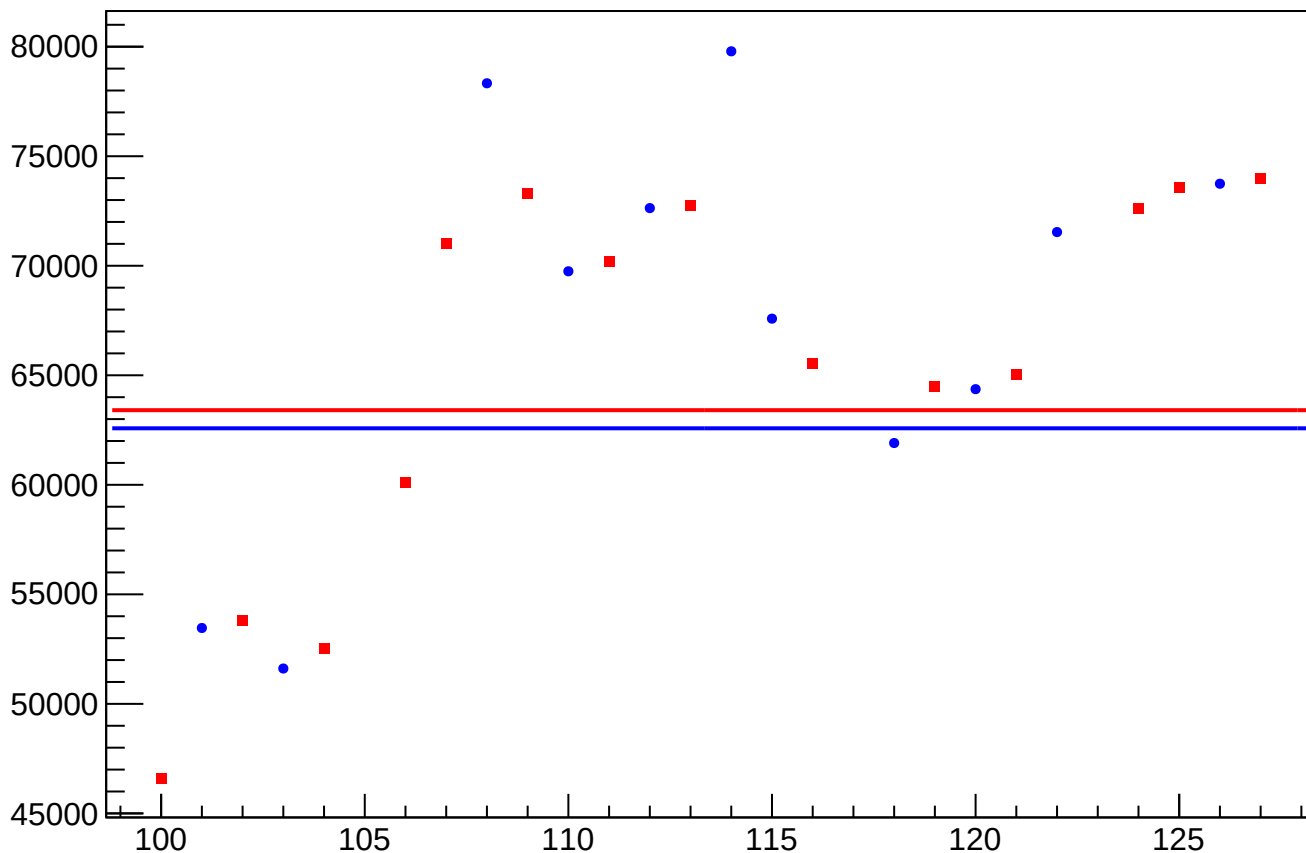
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -24.205 $\pm$ 20.132 χ^2 /NDF: 32.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0r03X_rms vs Slug



Right In: 62579.478+/-21.110 χ^2/NDF : 196032.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

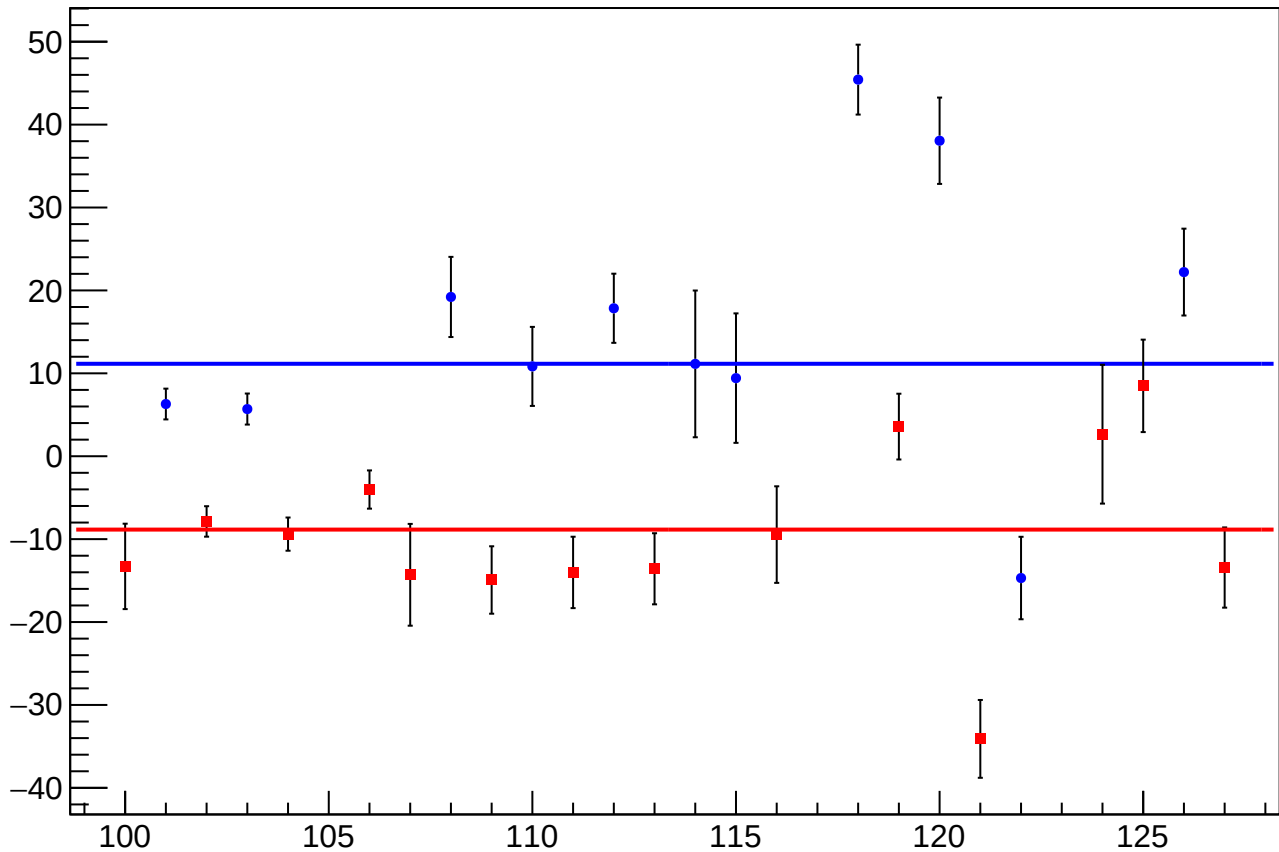
Right Out: 63407.044+/-19.278 χ^2/NDF : 194356.1/13

All: 63030.719+/-14.235 χ^2/NDF : 391226.5/26

- 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: 11.151 $\pm$ 1.043 χ^2 /NDF: 145.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -8.849 $\pm$ 0.915 χ^2 /NDF: 62.4/13

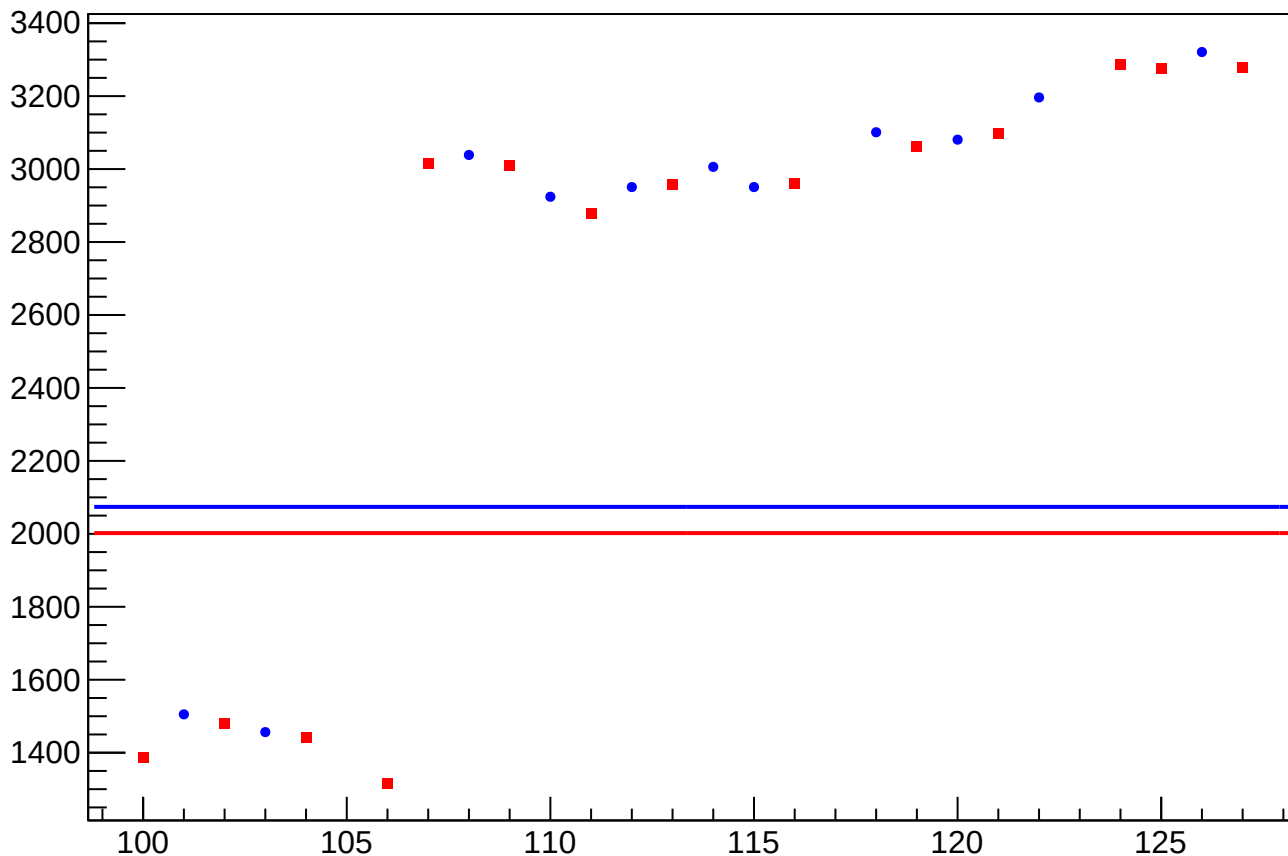
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.152 $\pm$ 0.688 χ^2 /NDF: 415.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0r03Y_rms vs Slug



Right In: 2073.920+/-0.738 χ^2/NDF : 1092945.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

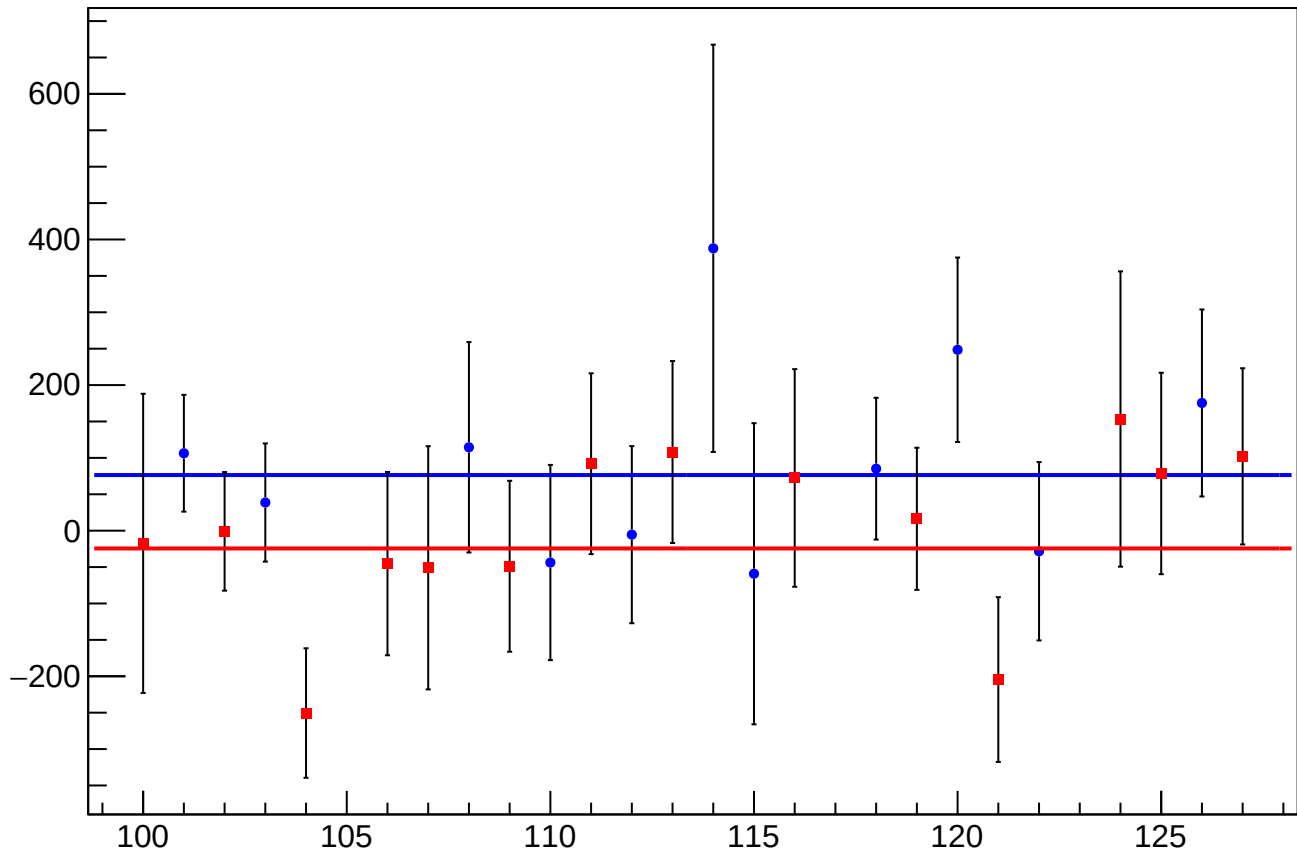
Right Out: 2002.094+/-0.647 χ^2/NDF : 1478783.2/13

All: 2033.327+/-0.486 χ^2/NDF : 2577087.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0r05X_mean vs Slug



Right In: 76.429 $\pm$ 35.149 χ^2 /NDF: 6.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -24.419 $\pm$ 32.047 χ^2 /NDF: 14.2/13

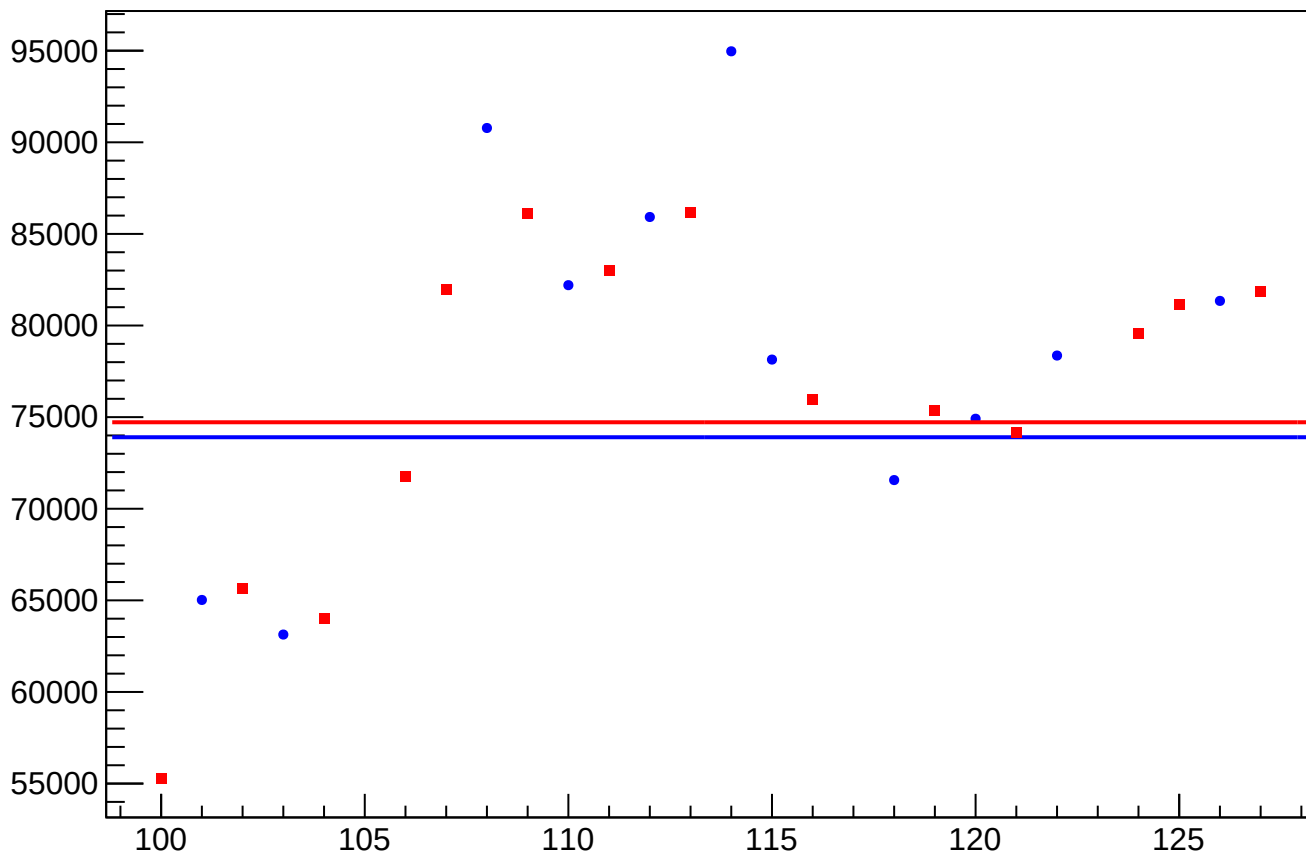
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.358 $\pm$ 23.682 χ^2 /NDF: 25.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0r05X_rms vs Slug



Right In: 73902.480 $\pm$ 24.854 χ^2/NDF : 137001.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 74719.949 $\pm$ 22.661 χ^2/NDF : 133914.8/13

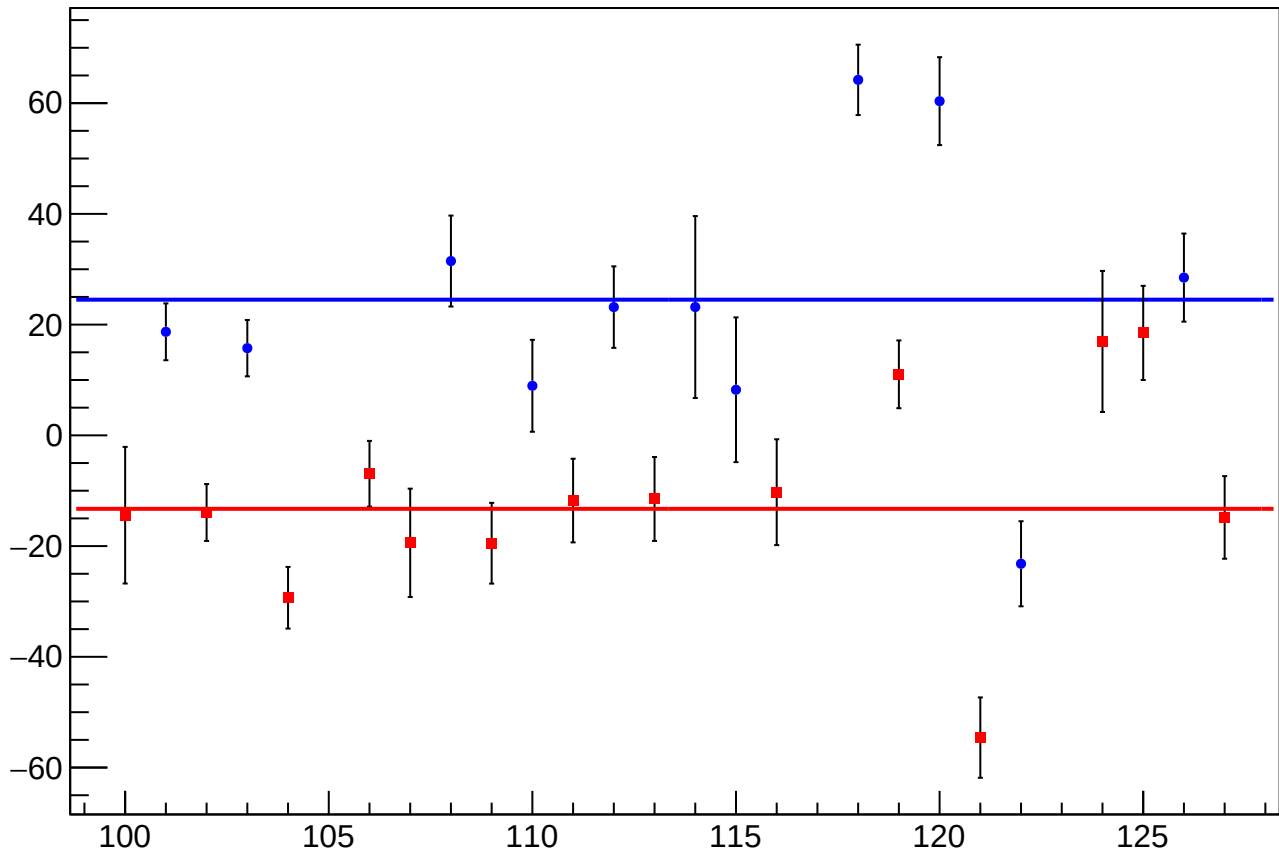
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 74348.877 $\pm$ 16.745 χ^2/NDF : 271507.1/27

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

diff_bpm0r05Y_mean vs Slug



Right In: 24.505 $\pm$ 2.197 χ^2 /NDF: 108.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -13.270 $\pm$ 1.947 χ^2 /NDF: 78.6/13

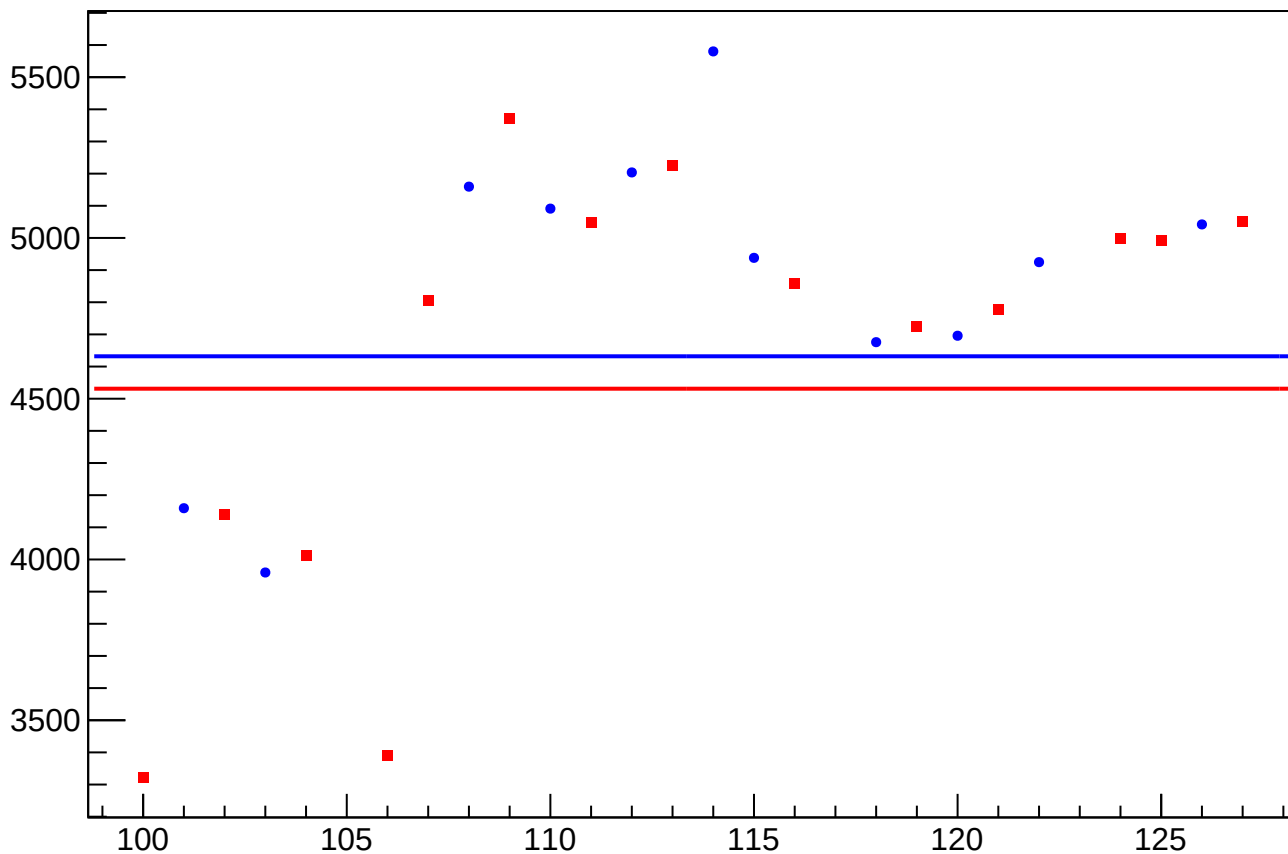
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.352 $\pm$ 1.457 χ^2 /NDF: 352.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0r05Y_rms vs Slug



Right In: 4631.920+/-1.553 χ^2/NDF : 94489.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

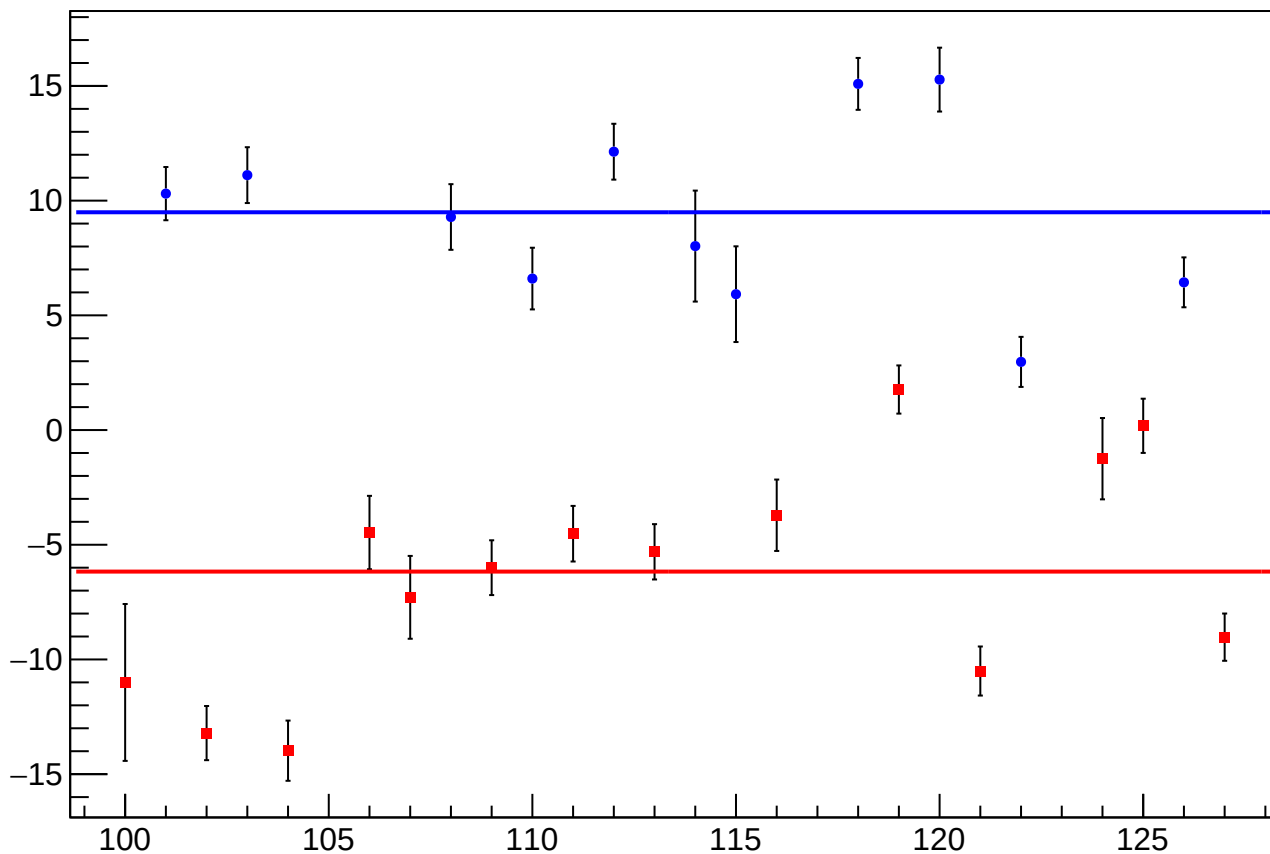
Right Out: 4531.121+/-1.377 χ^2/NDF : 201608.4/13

All: 4575.474+/-1.030 χ^2/NDF : 298456.8/24

- 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: 9.493+/-0.392 χ^2/NDF : 100.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.170+/-0.347 χ^2/NDF : 197.2/13

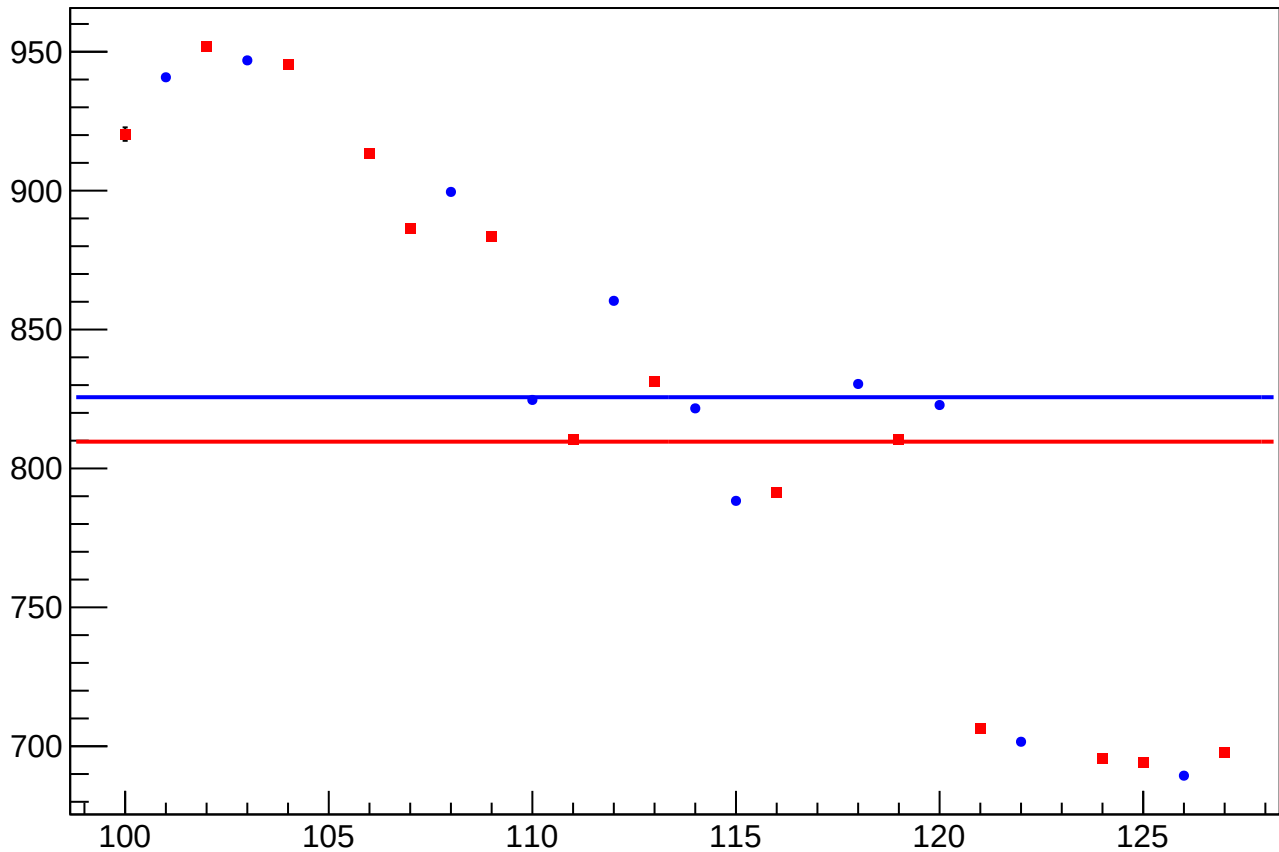
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.710+/-0.260 χ^2/NDF : 1194.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm2i01X_rms vs Slug



Right In: 825.645 $\pm$ 0.277 χ^2 /NDF: 104447.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 809.641 $\pm$ 0.245 χ^2 /NDF: 142664.1/13

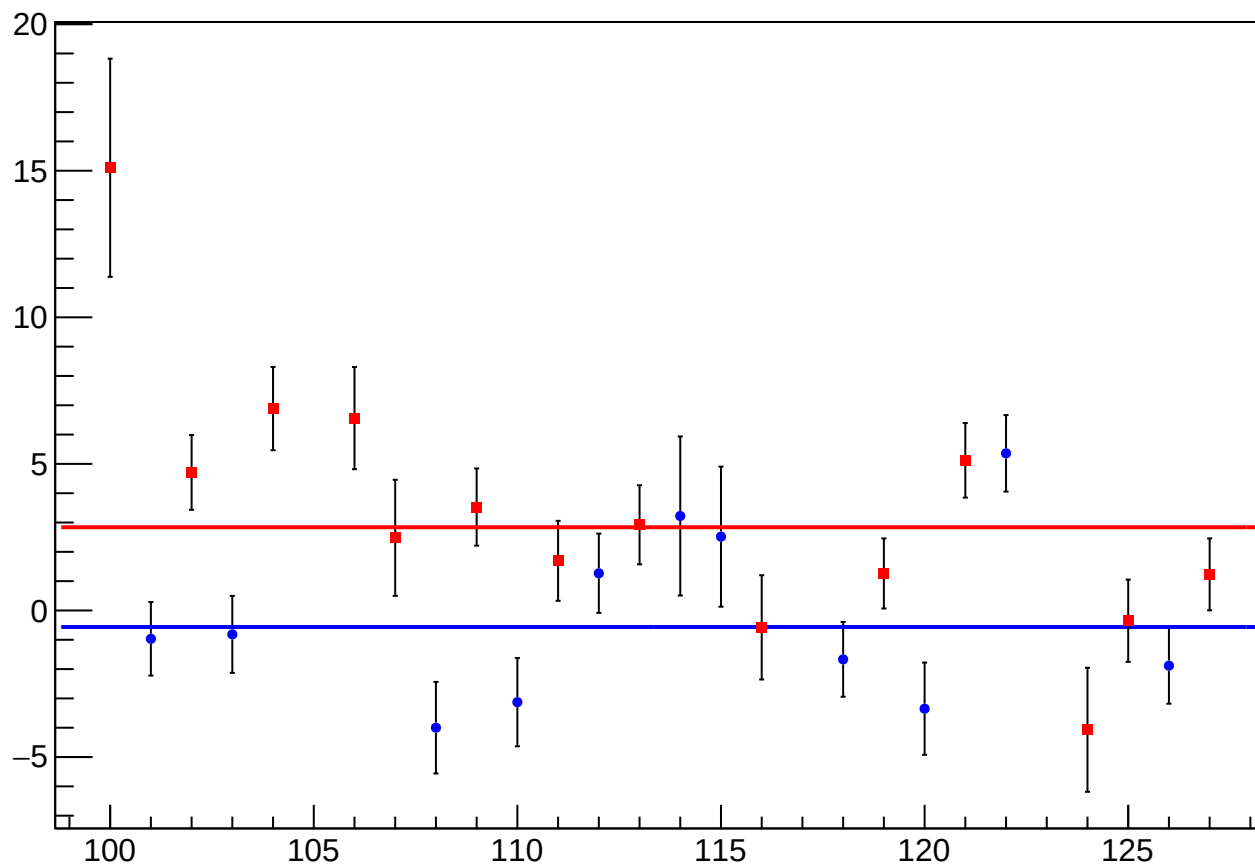
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 816.671 $\pm$ 0.184 χ^2 /NDF: 248984.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm2i01Y_mean vs Slug



Right In: -0.563 $\pm$ 0.442 χ^2 /NDF: 38.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.839 $\pm$ 0.393 χ^2 /NDF: 52.9/13

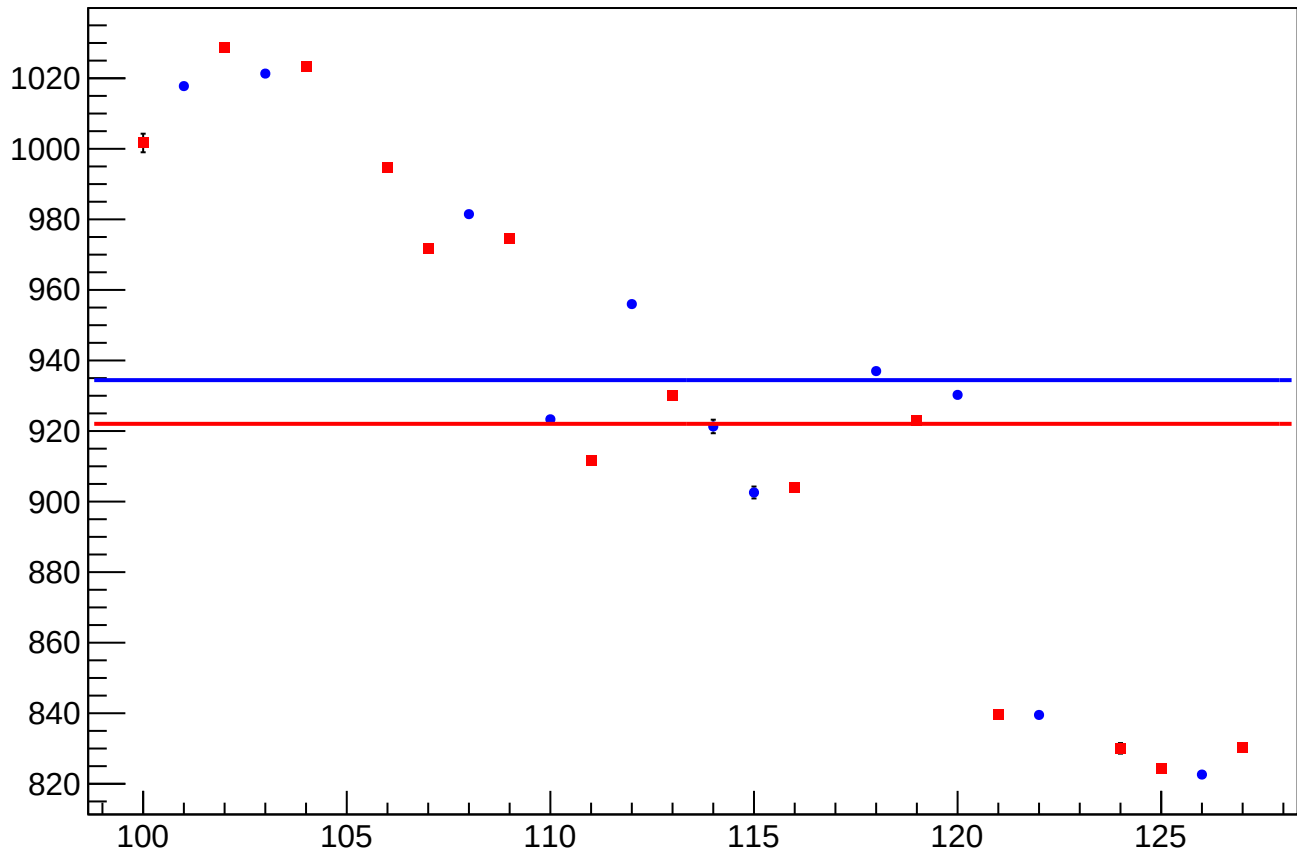
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.334 $\pm$ 0.294 χ^2 /NDF: 124.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm2i01Y_rms vs Slug



Right In: 934.428+/-0.312 χ^2/NDF : 45854.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 922.039+/-0.278 χ^2/NDF : 66434.8/13

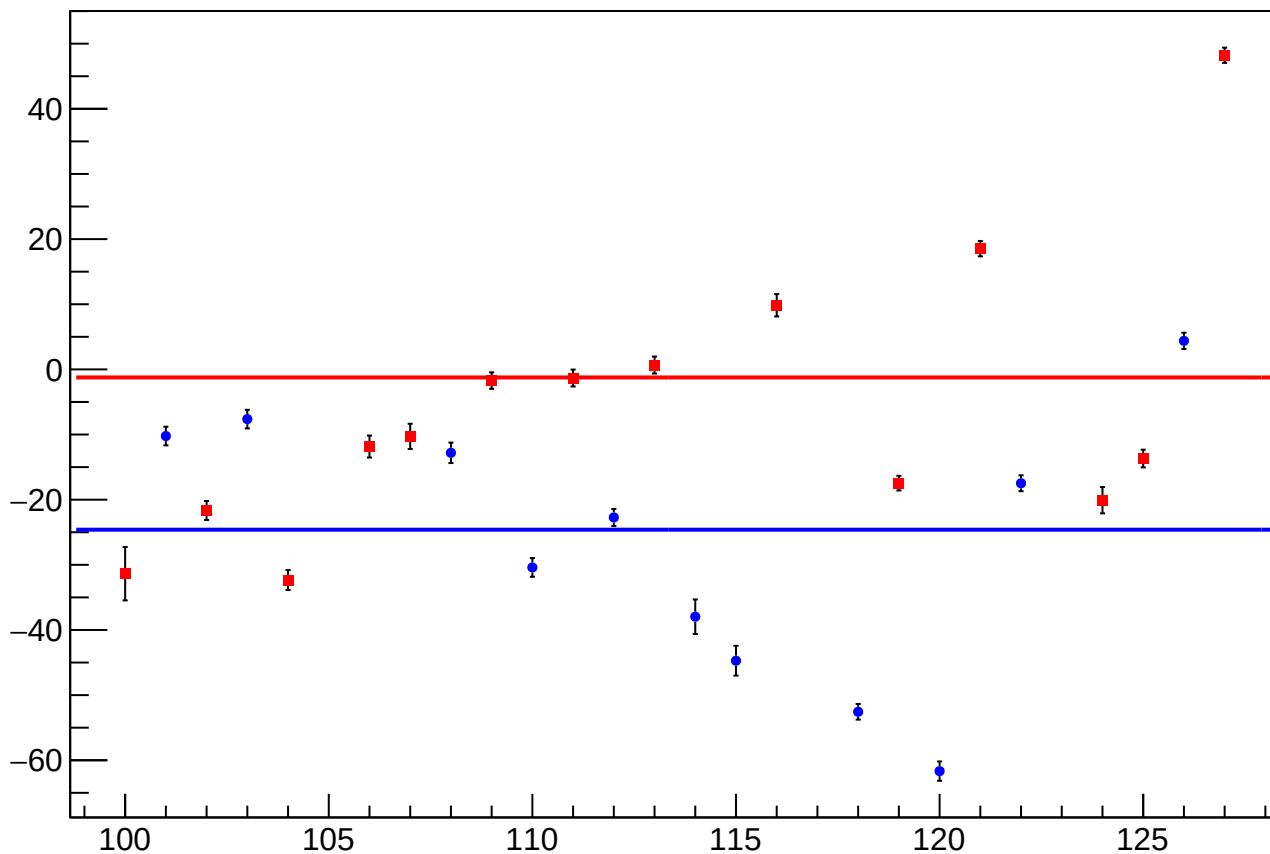
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 927.518+/-0.208 χ^2/NDF : 113166.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm2i02X_mean vs Slug



Right In: -24.606 $\pm$ 0.436 χ^2 /NDF: 2162.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.237 $\pm$ 0.385 χ^2 /NDF: 3214.8/13

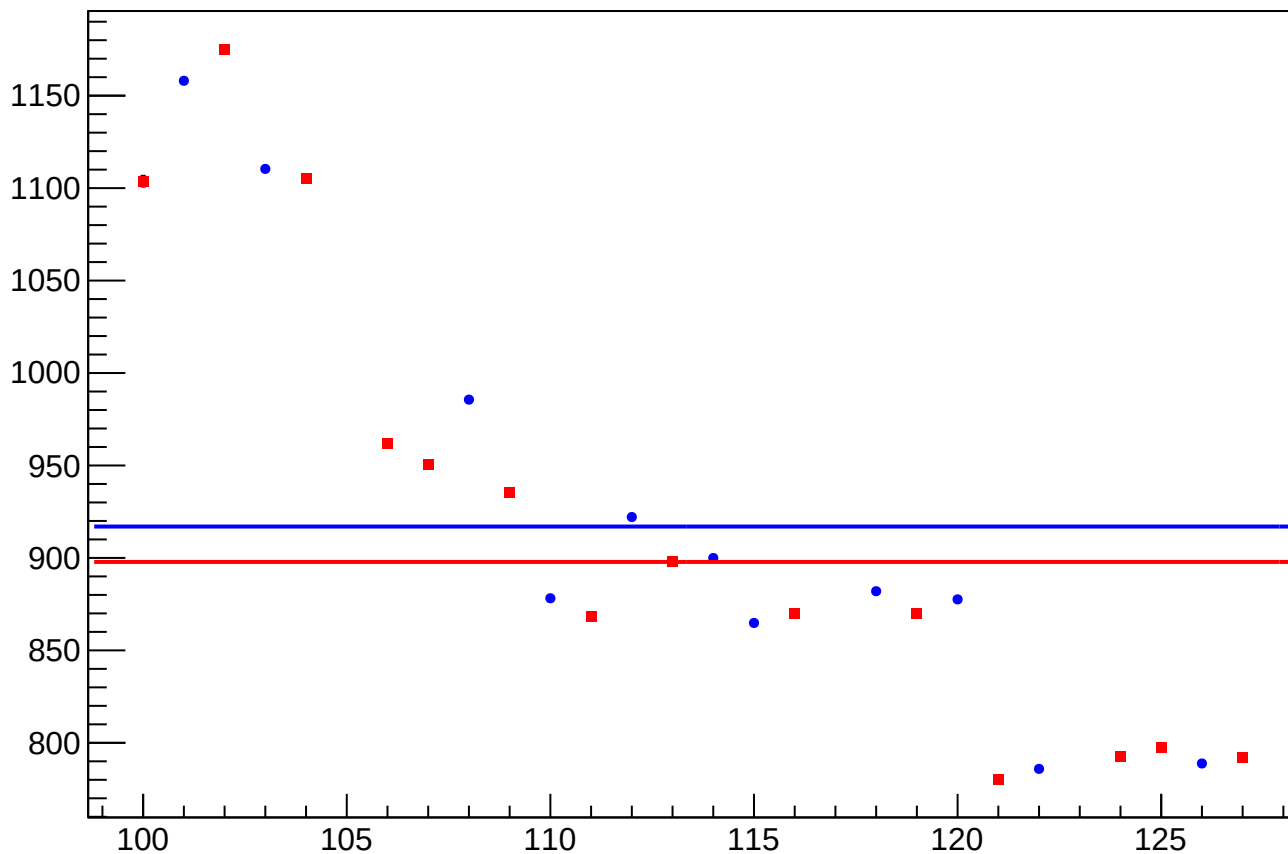
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -11.473 $\pm$ 0.289 χ^2 /NDF: 6991.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm2i02X_rms vs Slug



Right In: 916.977 $\pm$ 0.308 χ^2 /NDF: 147470.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 897.827 $\pm$ 0.272 χ^2 /NDF: 175325.2/13

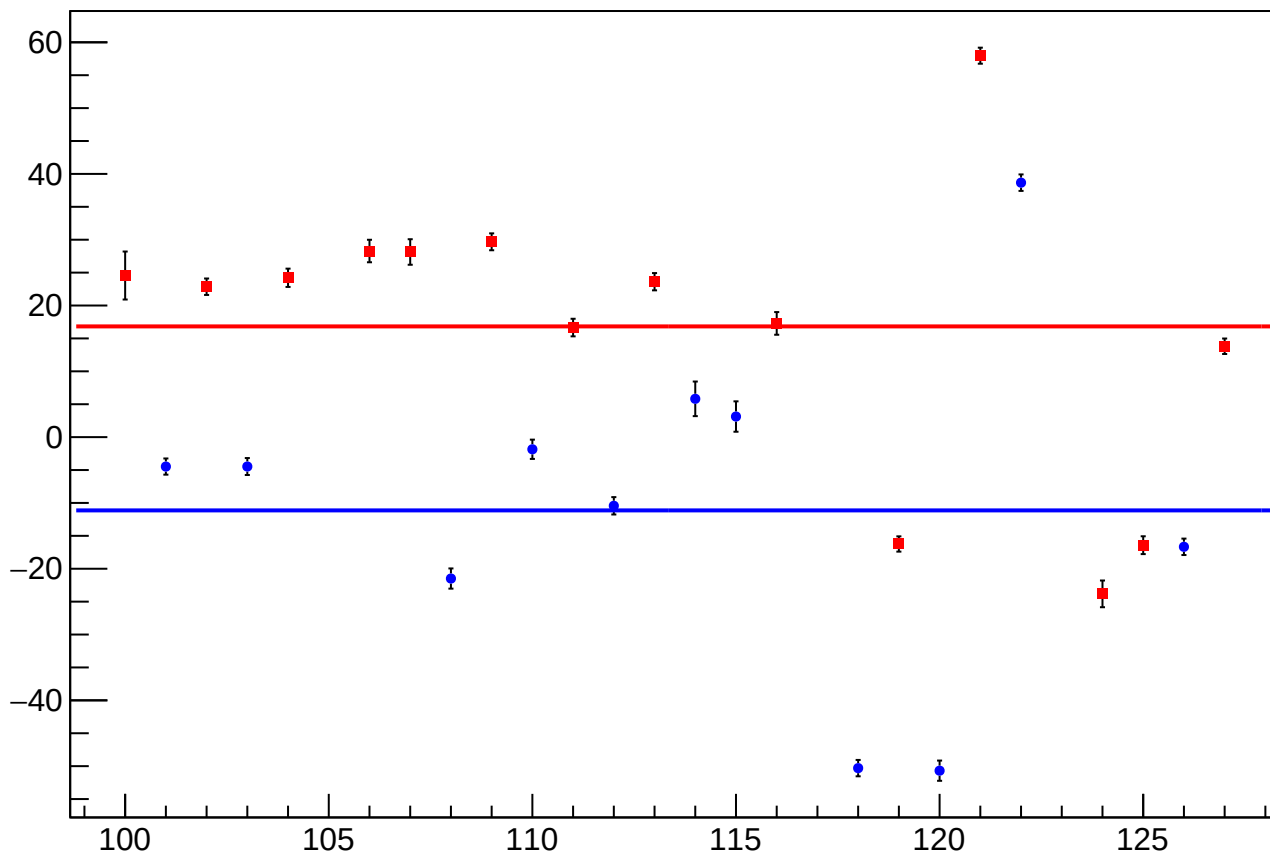
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 906.215 $\pm$ 0.204 χ^2 /NDF: 324963.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm2i02Y_mean vs Slug



Right In: -11.134 ± 0.430 $\chi^2/\text{NDF}: 3478.4/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 16.826 ± 0.382 $\chi^2/\text{NDF}: 3224.5/13$

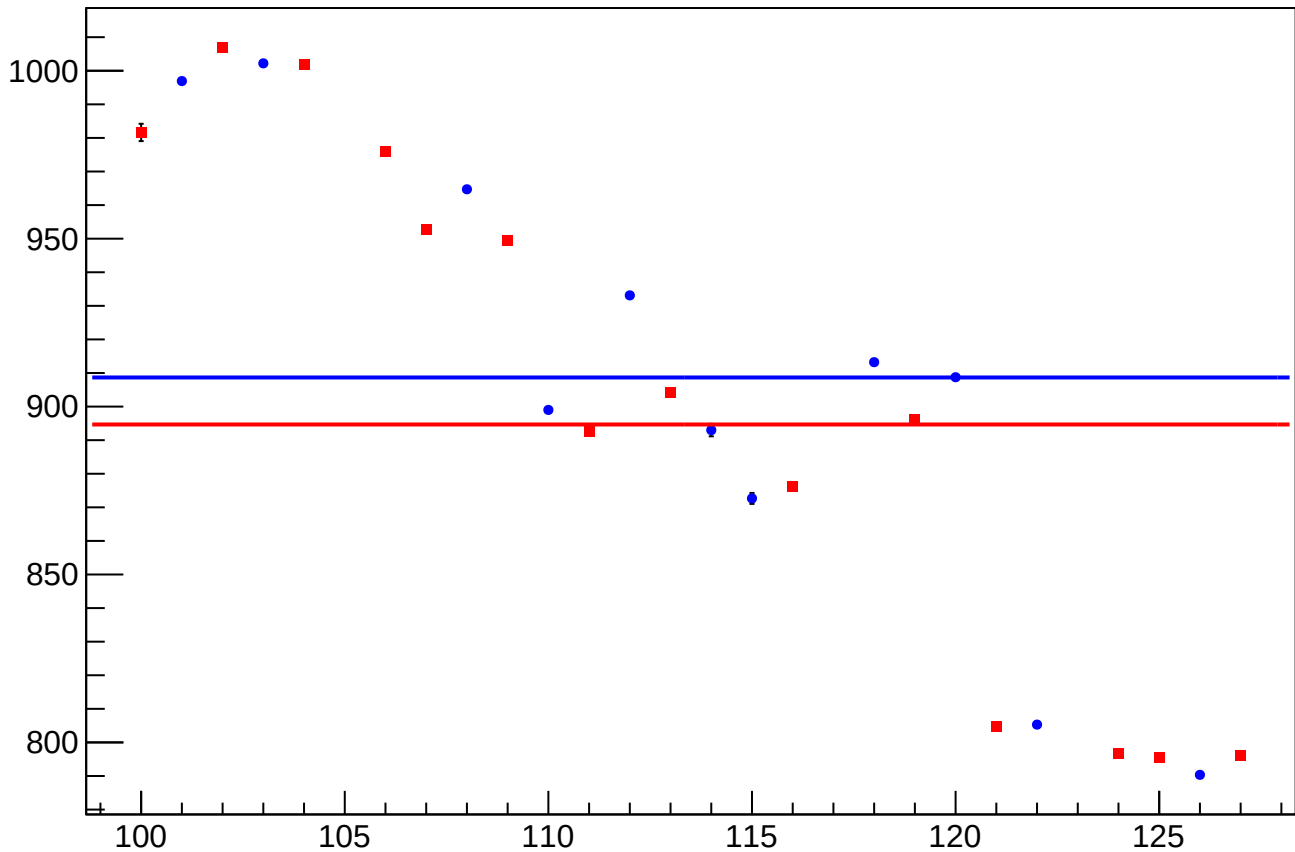
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 4.490 ± 0.286 $\chi^2/\text{NDF}: 9067.6/24$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

diff_bpm2i02Y_rms vs Slug



Right In: 908.671+/-0.304 χ^2/NDF : 56531.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 894.671+/-0.270 χ^2/NDF : 79790.8/13

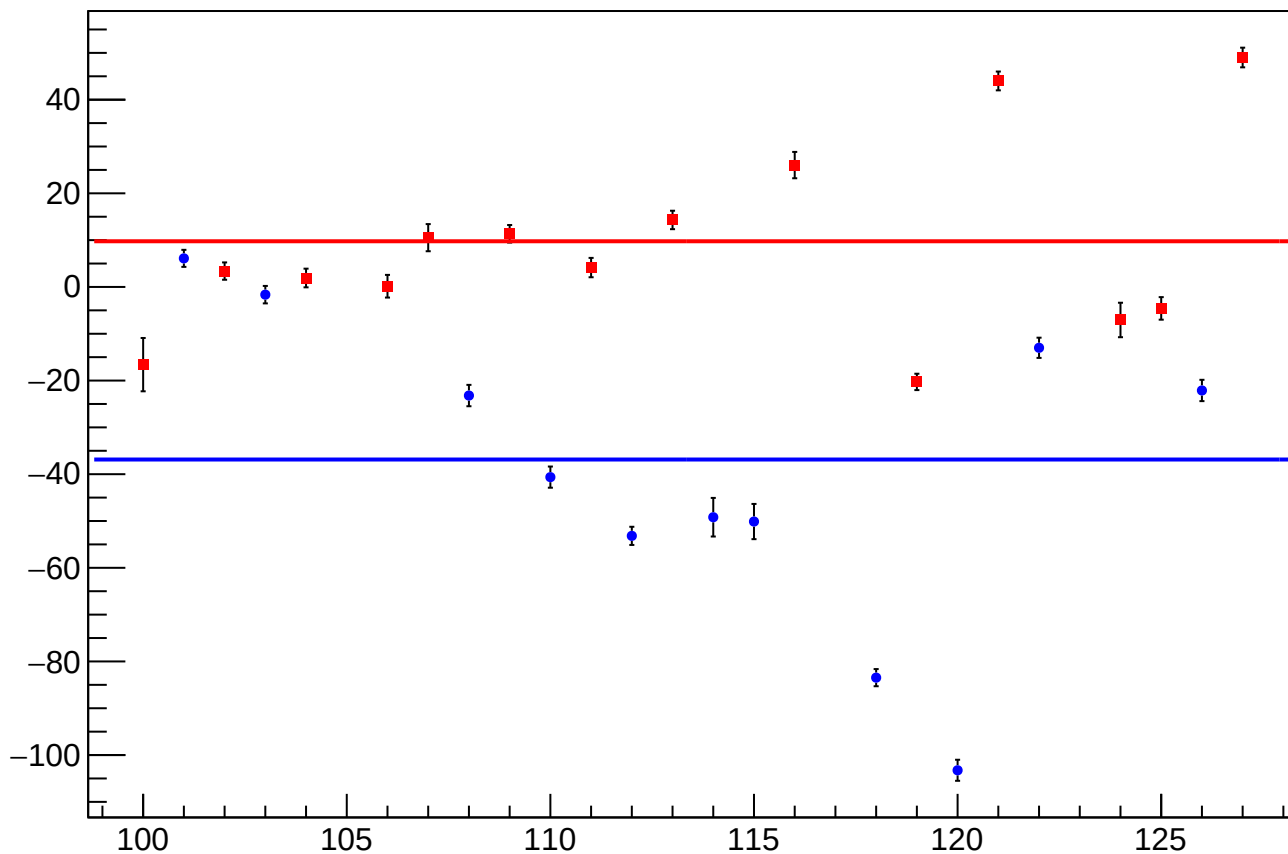
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 900.848+/-0.202 χ^2/NDF : 137508.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i02X_mean vs Slug



Right In: -36.865 ± 0.663 χ^2/NDF : 2726.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 9.759 ± 0.596 χ^2/NDF : 1103.4/13

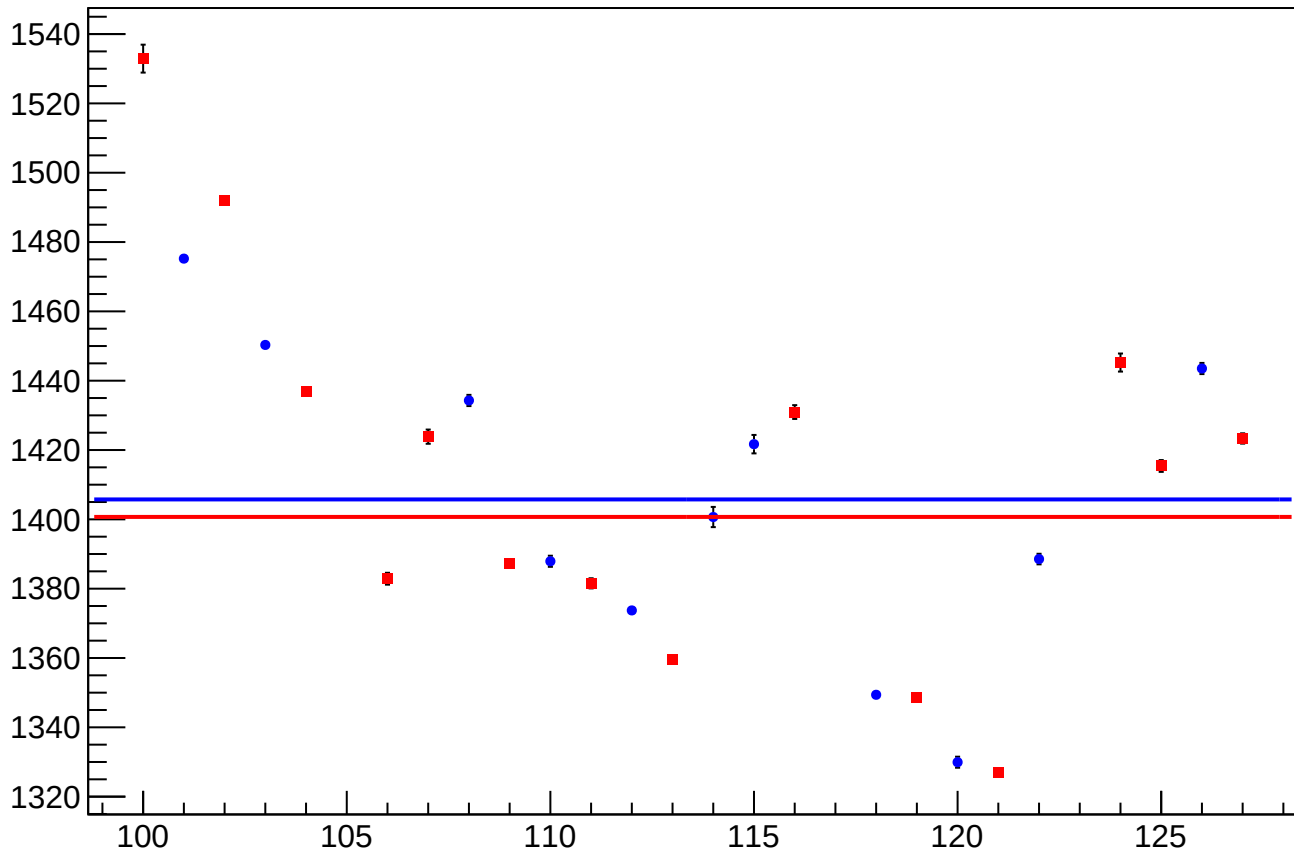
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.082 ± 0.443 χ^2/NDF : 6564.3/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0i02X_rms vs Slug



Right In: 1405.745+/-0.469 χ^2/NDF : 9919.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1400.700+/-0.422 χ^2/NDF : 13289.9/13

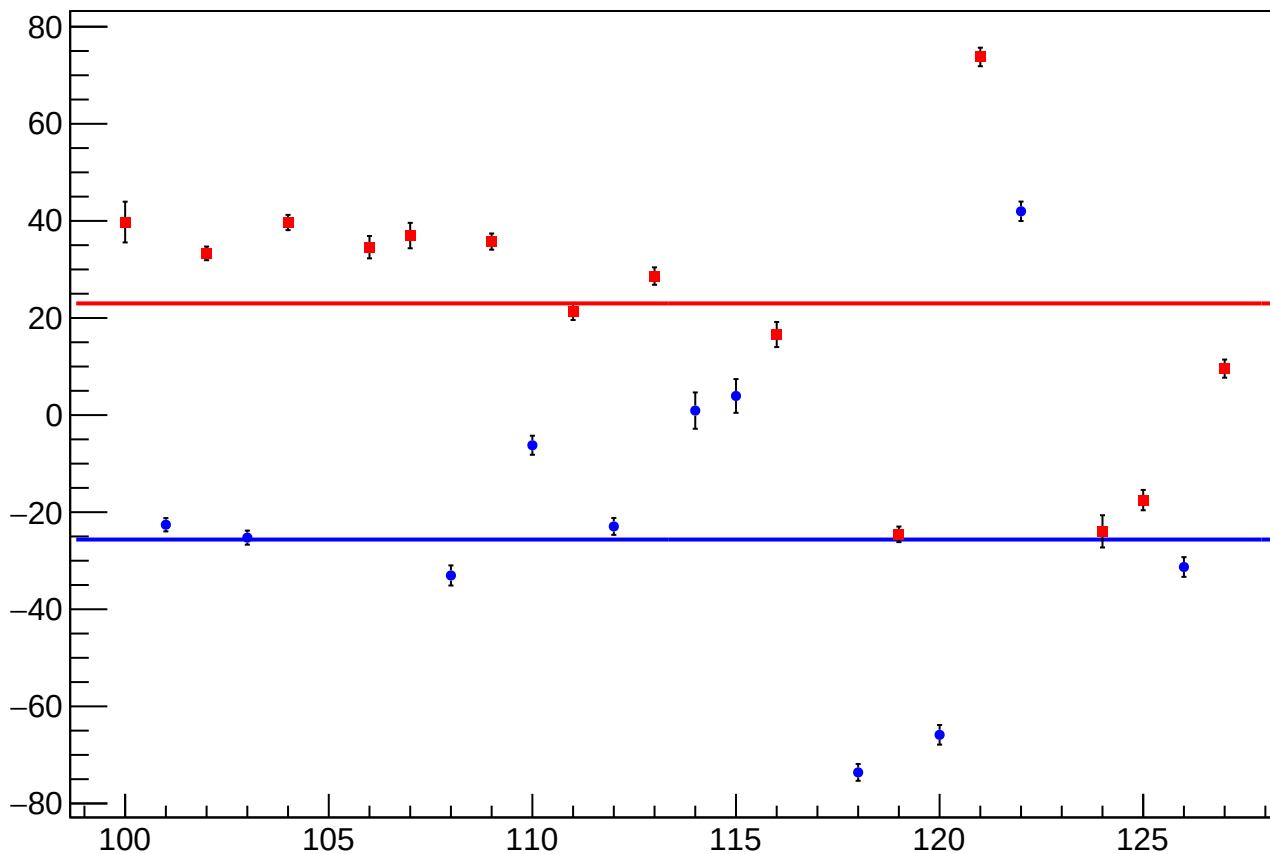
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1402.956+/-0.313 χ^2/NDF : 23273.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i02Y_mean vs Slug



Right In: -25.636 $\pm$ 0.572 χ^2 /NDF: 2549.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 23.001 $\pm$ 0.519 χ^2 /NDF: 2525.6/13

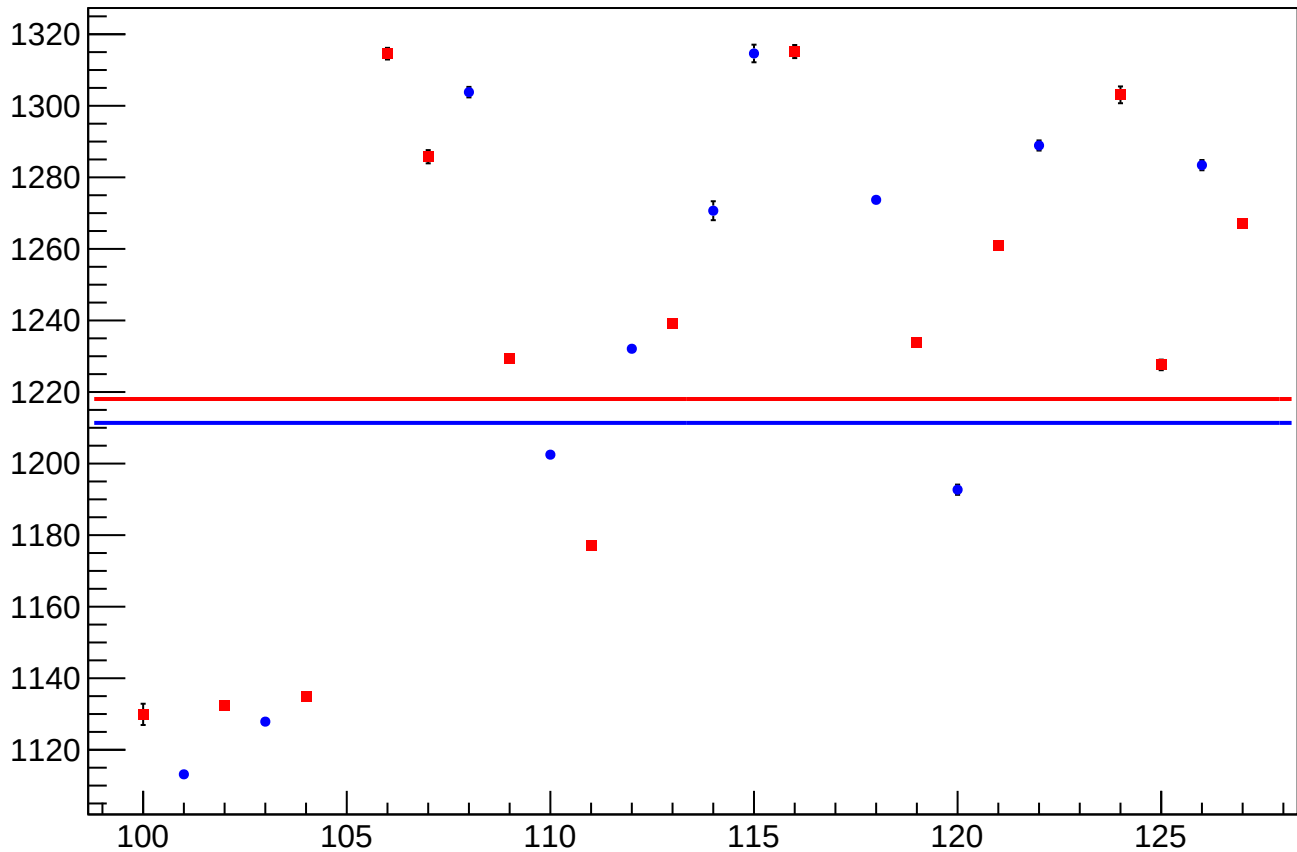
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.050 $\pm$ 0.384 χ^2 /NDF: 9038.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i02Y_rms vs Slug



Right In: 1211.372 $\pm$ 0.405 χ^2 /NDF: 31721.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1218.049 $\pm$ 0.367 χ^2 /NDF: 26975.0/13

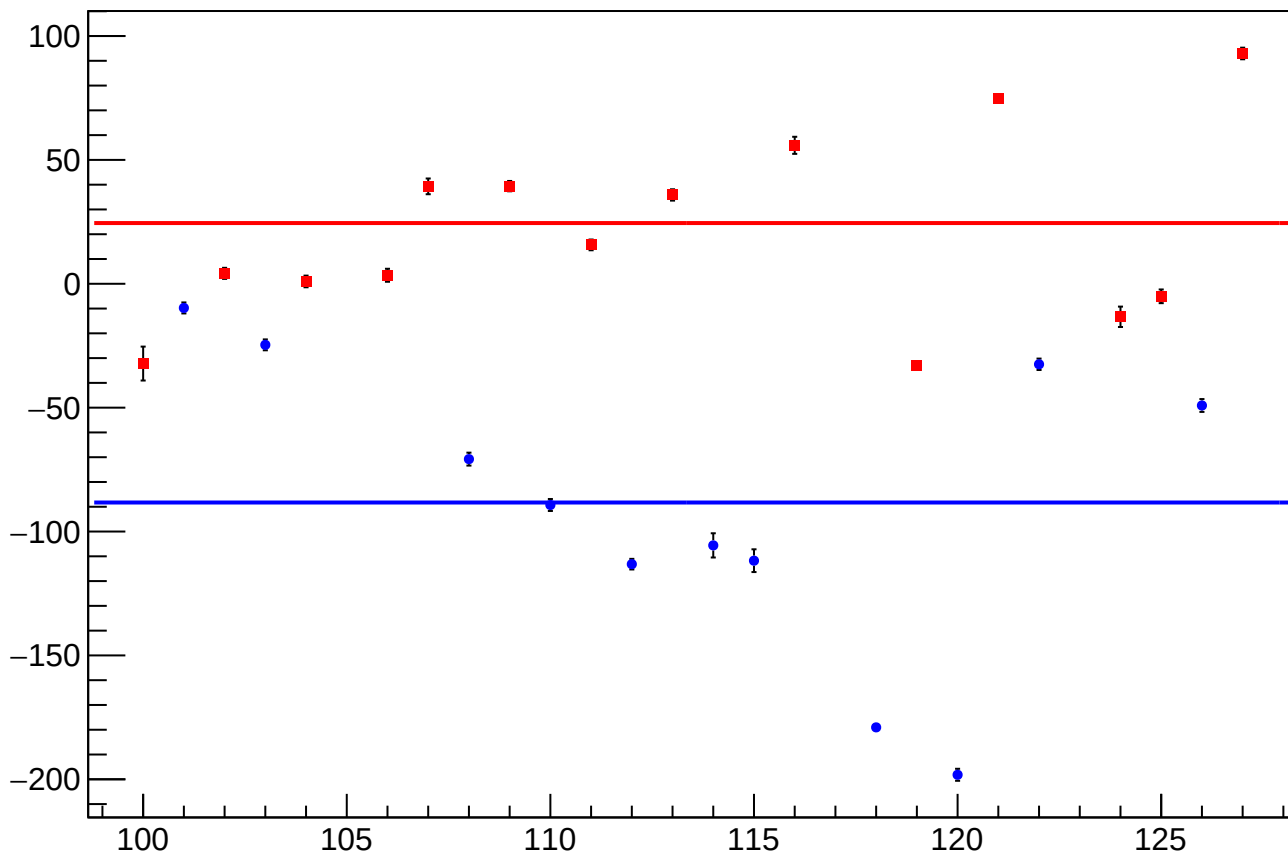
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1215.036 $\pm$ 0.272 χ^2 /NDF: 58845.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i02aX_mean vs Slug



Right In: -88.283 ± 0.749 χ^2/NDF : 7155.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 24.510 ± 0.668 χ^2/NDF : 3044.2/13

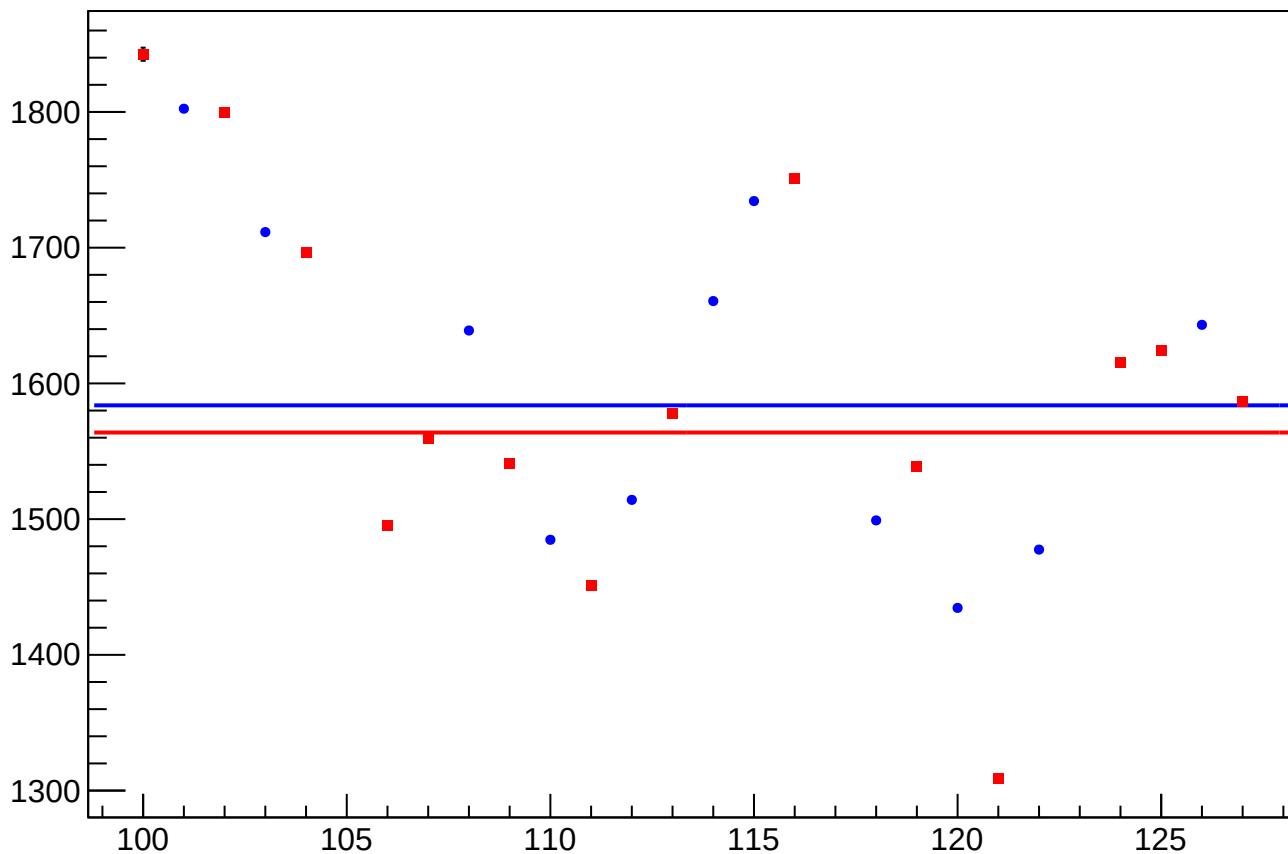
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -25.429 ± 0.498 χ^2/NDF : 22833.4/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0i02aX_rms vs Slug



Right In: 1583.831 $\pm$ 0.530 χ^2 /NDF: 51411.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1563.811 $\pm$ 0.472 χ^2 /NDF: 79924.5/13

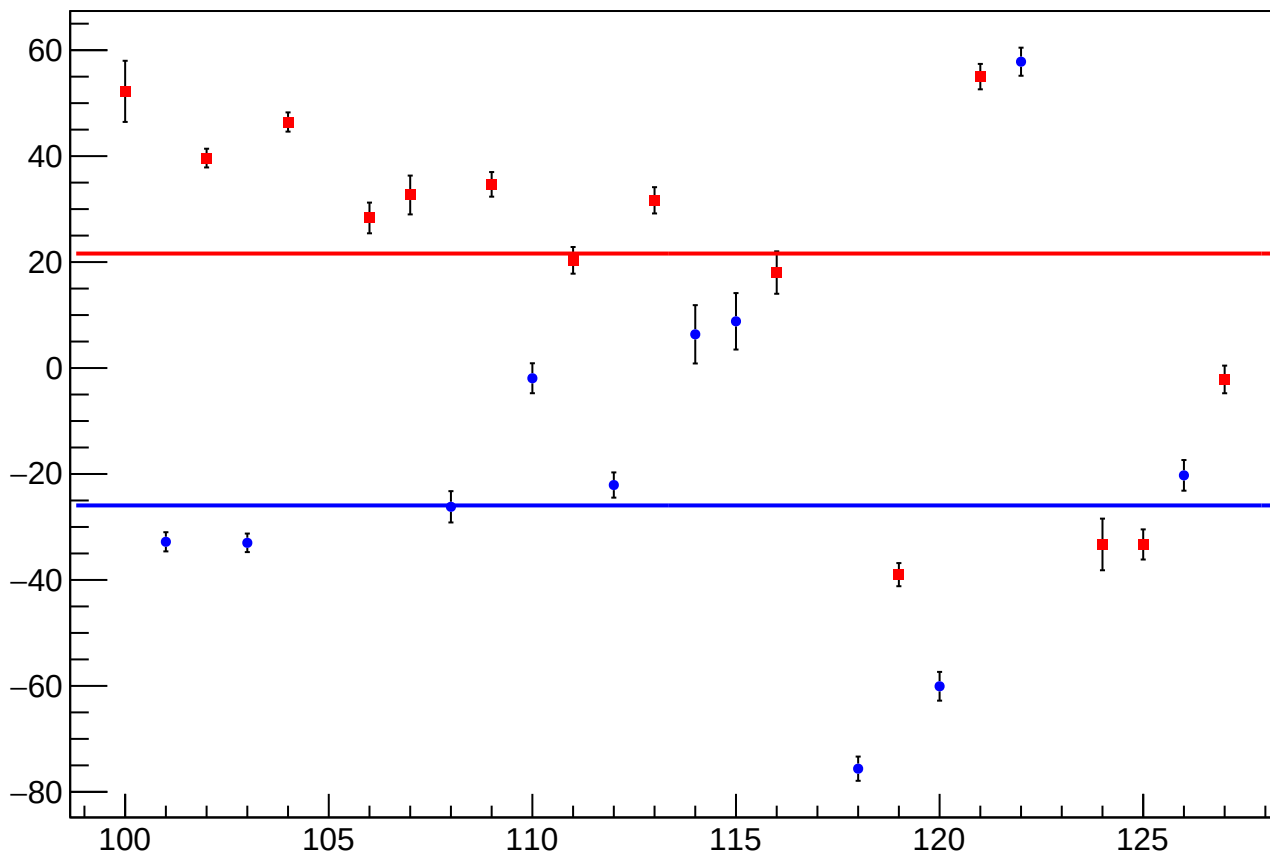
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1572.675 $\pm$ 0.352 χ^2 /NDF: 132132.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i02aY_mean vs Slug



Right In: -25.936 ± 0.766 χ^2/NDF : 1815.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 21.611 ± 0.688 χ^2/NDF : 1930.1/13

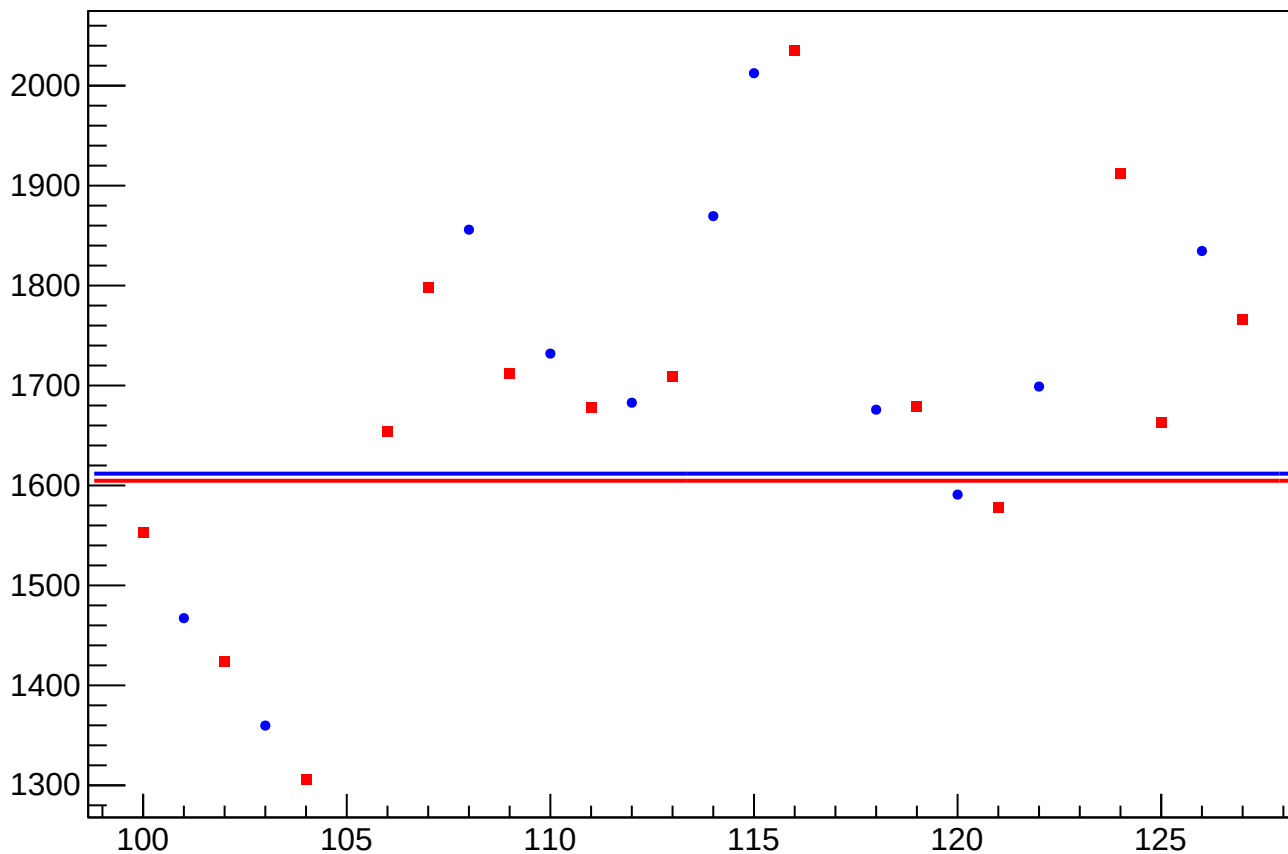
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.370 ± 0.512 χ^2/NDF : 5878.9/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0i02aY_rms vs Slug



Right In: 1611.821+/-0.541 χ^2/NDF : 104707.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1604.732+/-0.487 χ^2/NDF : 133149.9/13

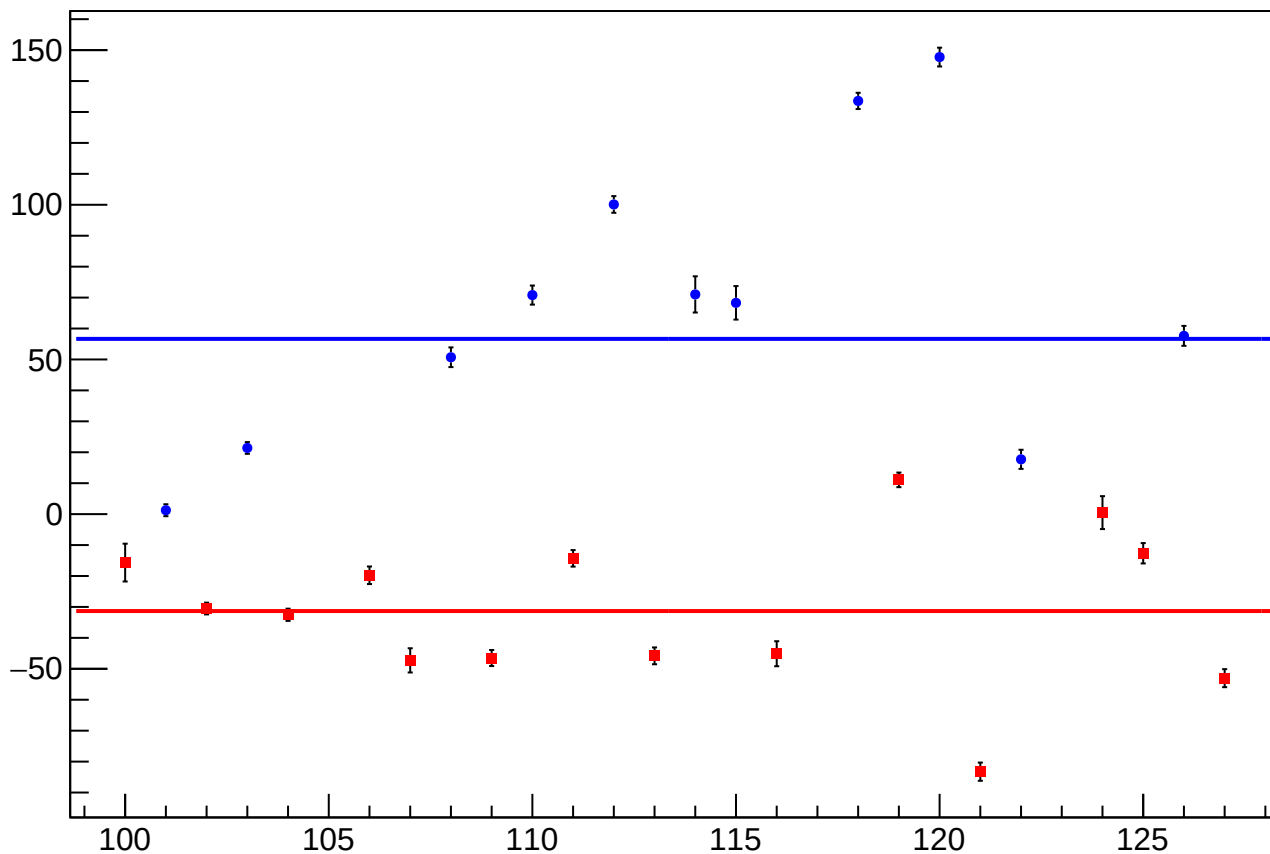
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1607.899+/-0.362 χ^2/NDF : 237952.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i05X_mean vs Slug



Right In: 56.653 $\pm$ 0.843 χ^2 /NDF: 3382.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -31.329 $\pm$ 0.751 χ^2 /NDF: 913.3/13

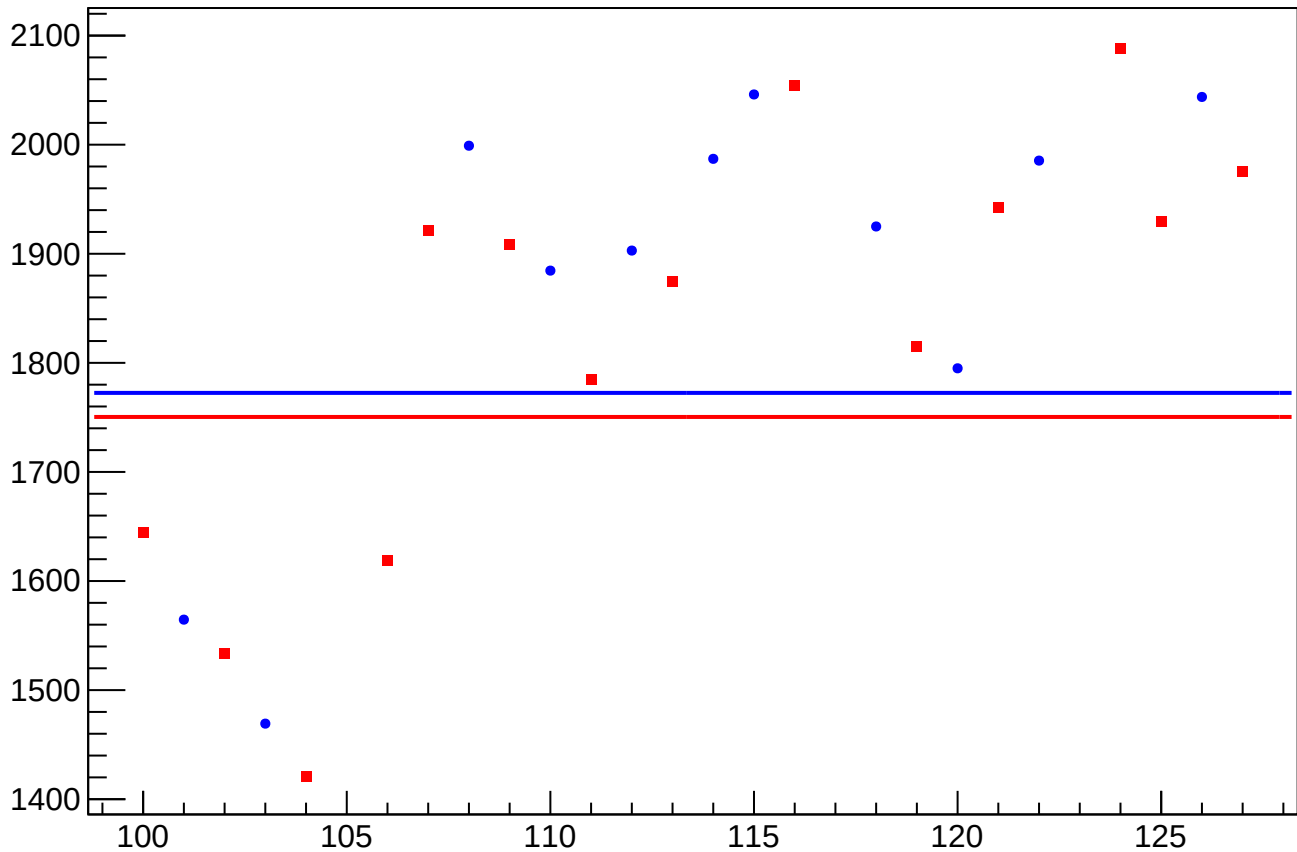
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.582 $\pm$ 0.561 χ^2 /NDF: 10372.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i05X_rms vs Slug



Right In: 1772.465+/-0.596 χ^2/NDF : 130448.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

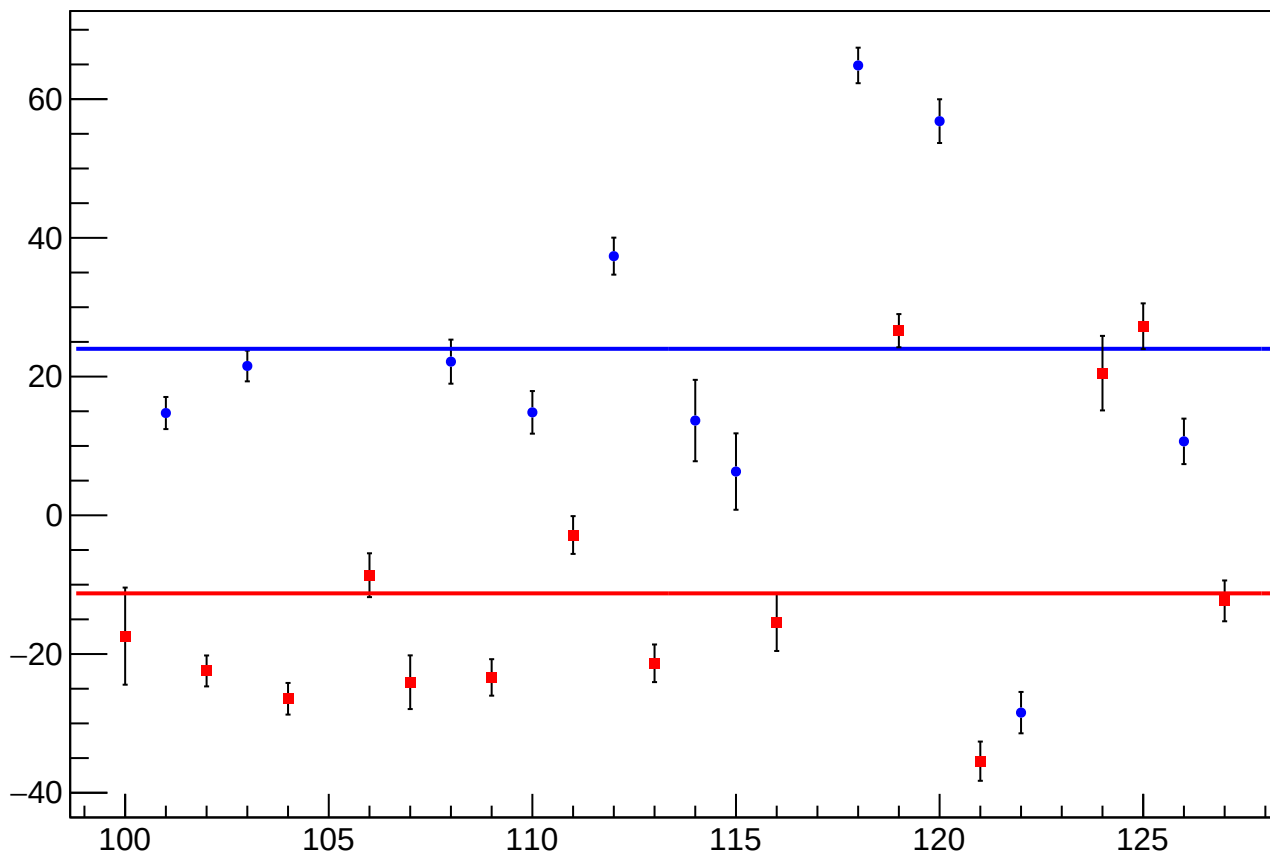
Right Out: 1750.407+/-0.531 χ^2/NDF : 149645.5/13

All: 1760.162+/-0.396 χ^2/NDF : 280857.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i05Y_mean vs Slug



Right In: 24.004 $\pm$ 0.892 χ^2 /NDF: 753.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -11.253 $\pm$ 0.792 χ^2 /NDF: 623.1/13

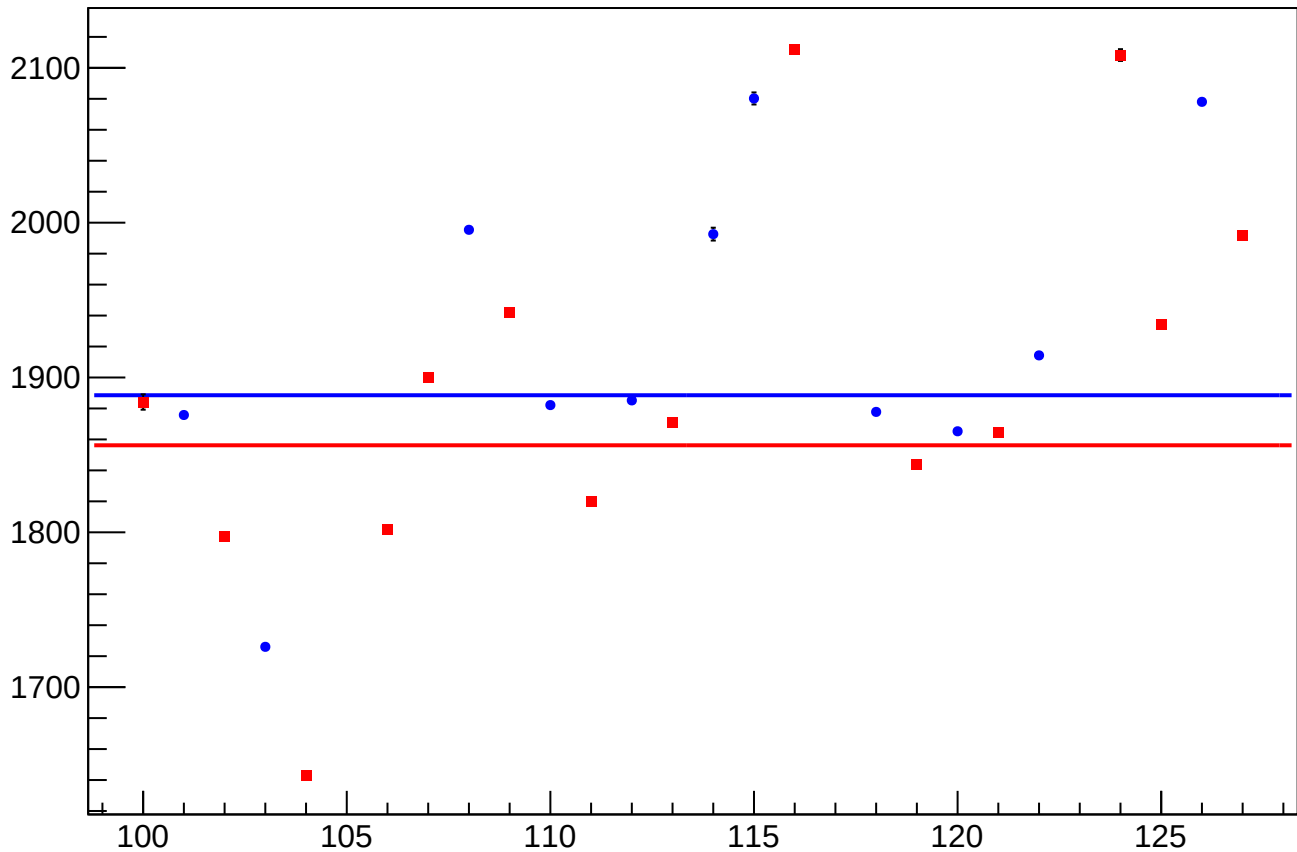
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.273 $\pm$ 0.592 χ^2 /NDF: 2250.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i05Y_rms vs Slug



Right In: 1888.541+/-0.631 χ^2/NDF : 23080.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1856.212+/-0.560 χ^2/NDF : 39713.9/13

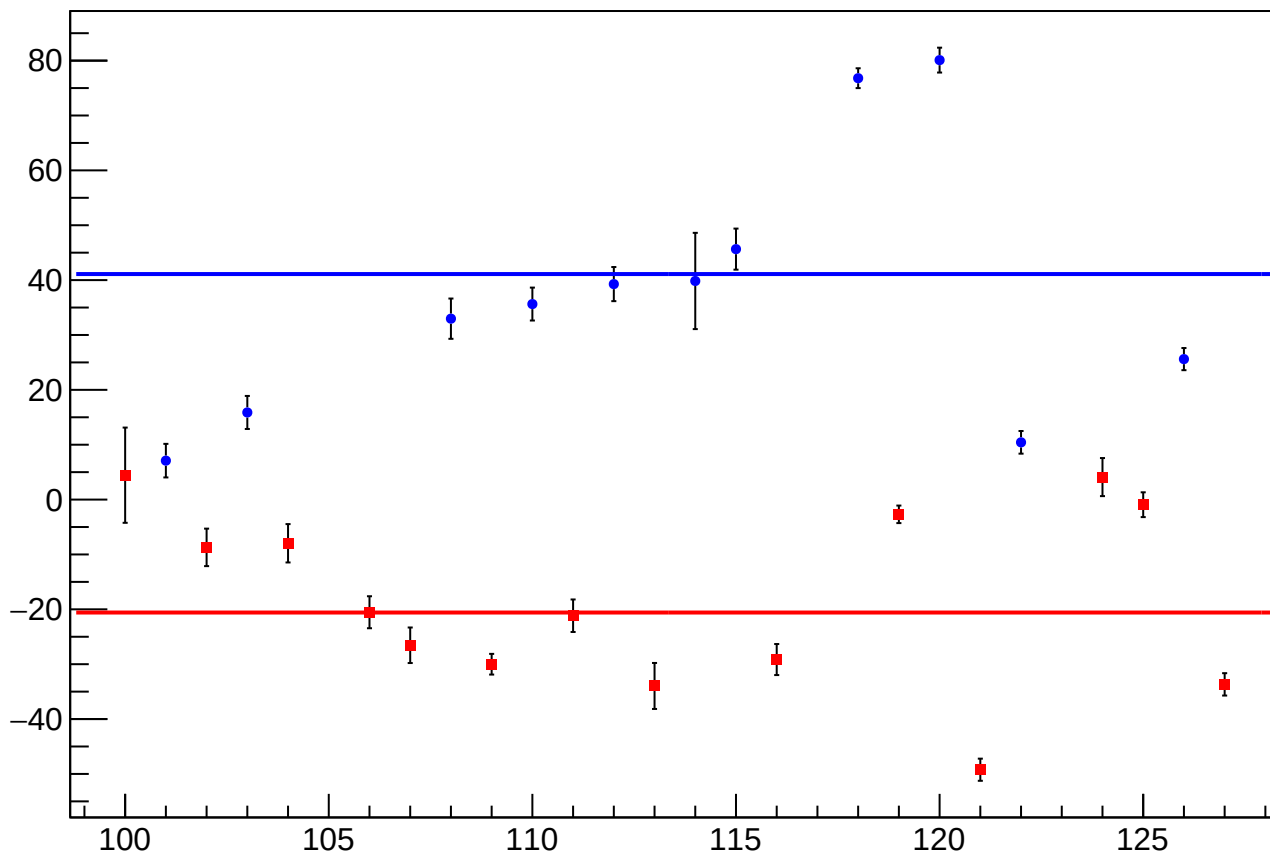
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1870.448+/-0.419 χ^2/NDF : 64263.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i07X_mean vs Slug



Right In: 41.103+/-0.798 χ^2 /NDF: 1169.8/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -20.584+/-0.686 χ^2 /NDF: 575.9/13

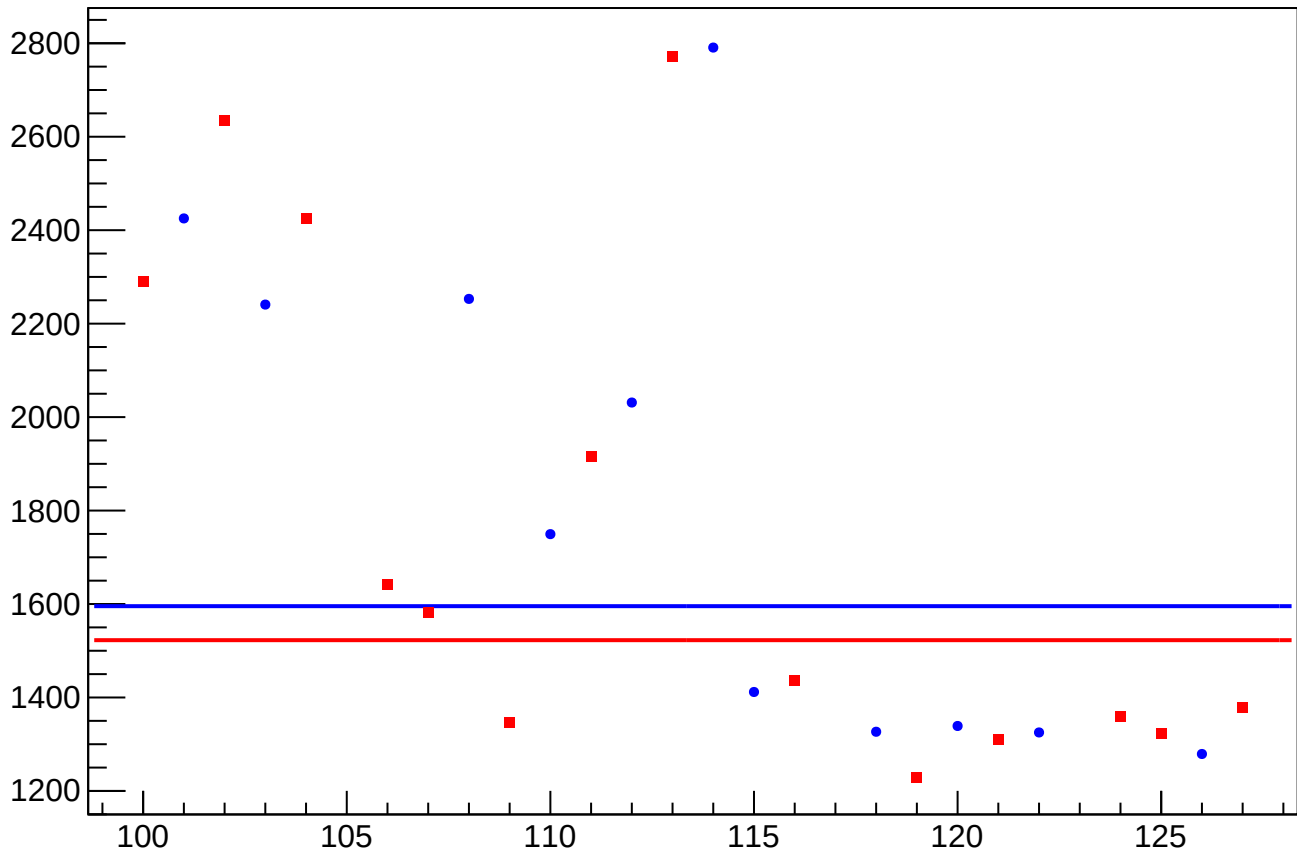
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 5.620+/-0.520 χ^2 /NDF: 5185.4/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm0i07X_rms vs Slug



Right In: 1595.423+/-0.564 χ^2/NDF : 543009.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

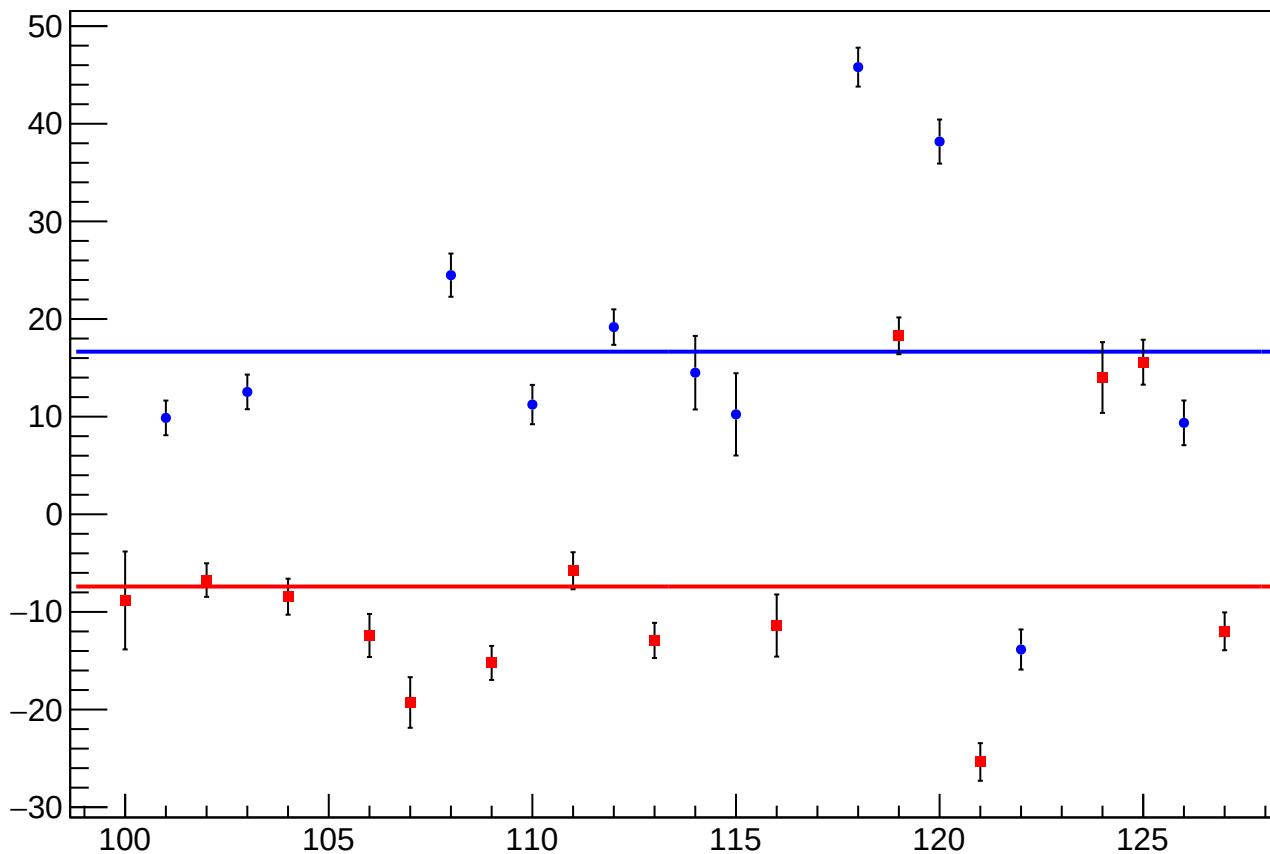
Right Out: 1522.653+/-0.485 χ^2/NDF : 716889.0/13

All: 1553.565+/-0.368 χ^2/NDF : 1269472.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i07Y_mean vs Slug



Right In: 16.656+/-0.647 χ^2/NDF : 579.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.400+/-0.566 χ^2/NDF : 471.4/13

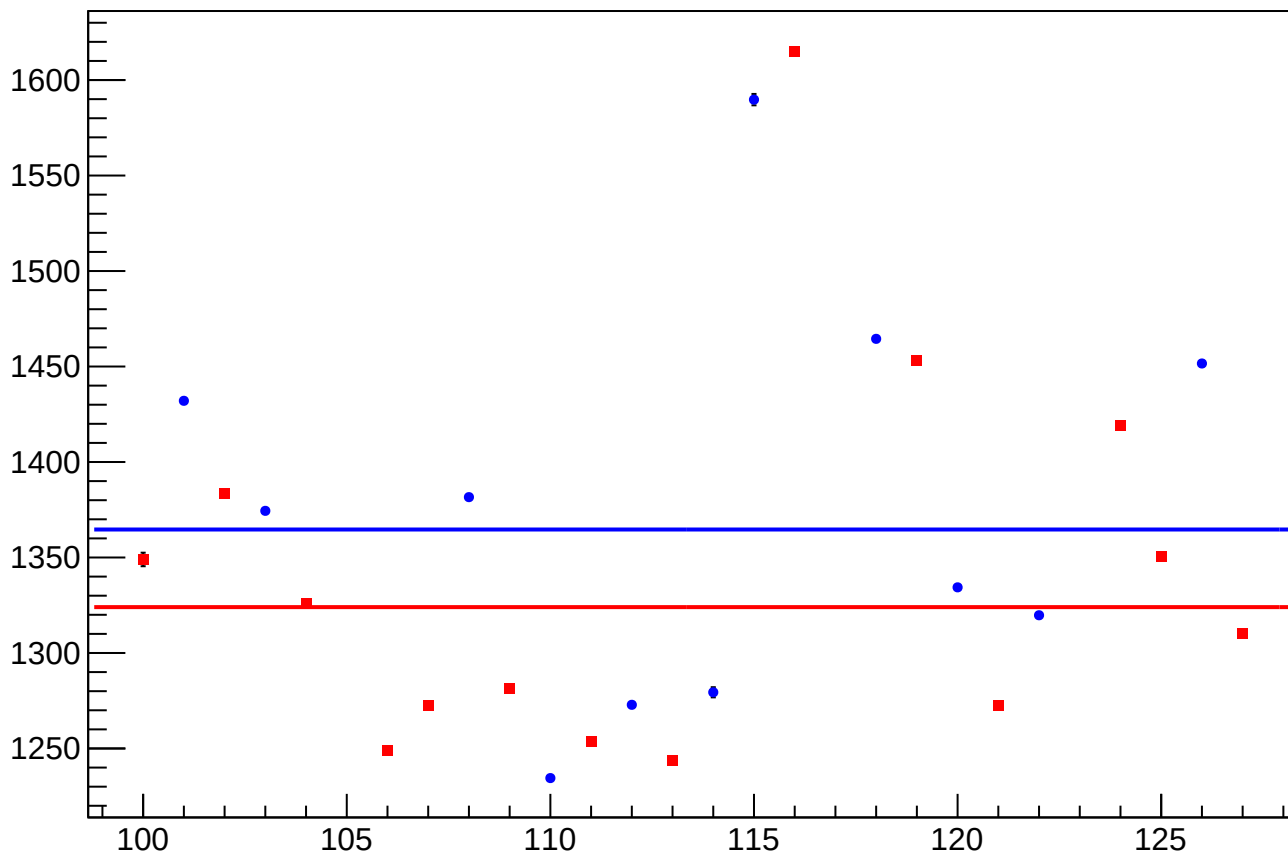
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.034+/-0.426 χ^2/NDF : 1835.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i07Y_rms vs Slug



Right In: 1364.657 $\pm$ 0.457 χ^2 /NDF: 32453.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1324.017 $\pm$ 0.400 χ^2 /NDF: 42752.7/13

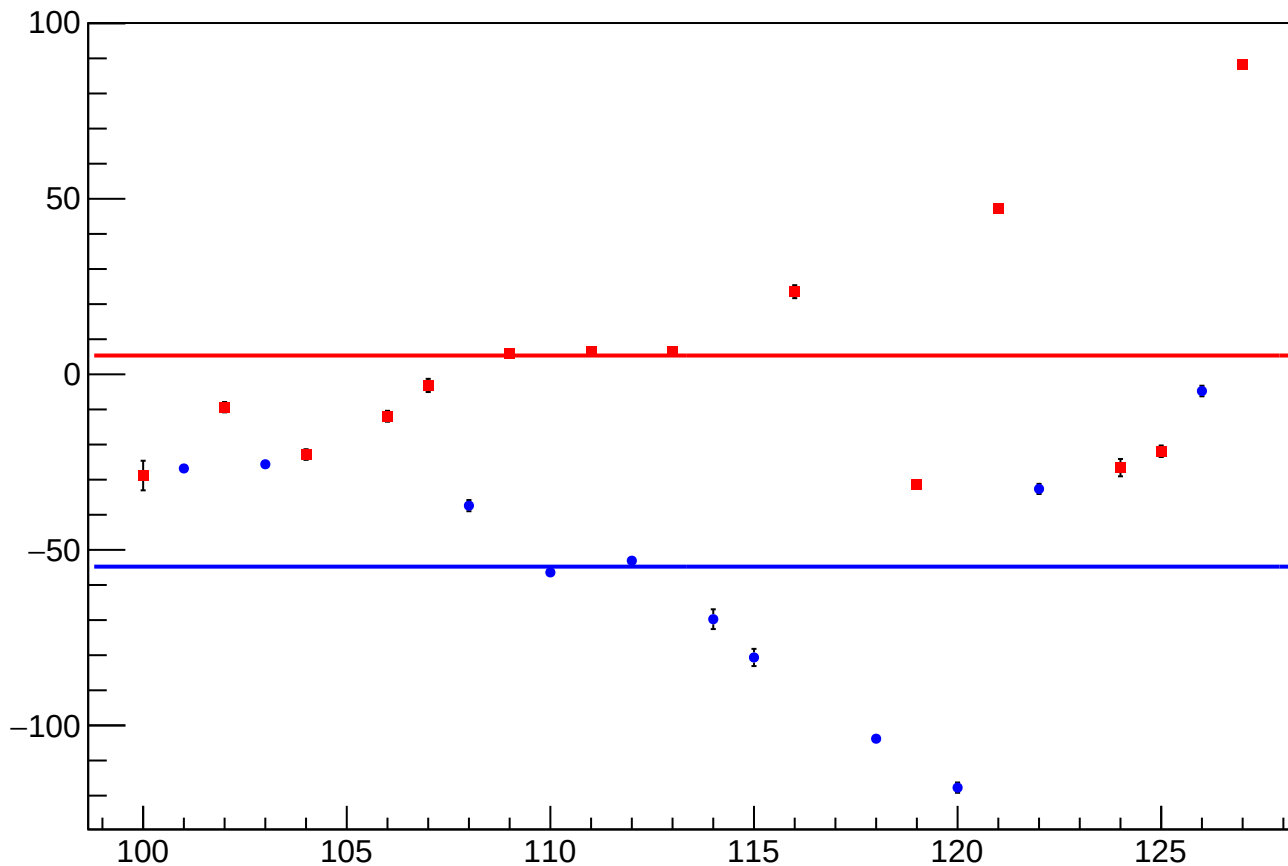
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1341.644 $\pm$ 0.301 χ^2 /NDF: 79679.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i02X_mean vs Slug



Right In: -54.774 $\pm$ 0.454 χ^2 /NDF: 5847.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5.361 $\pm$ 0.406 χ^2 /NDF: 6588.7/13

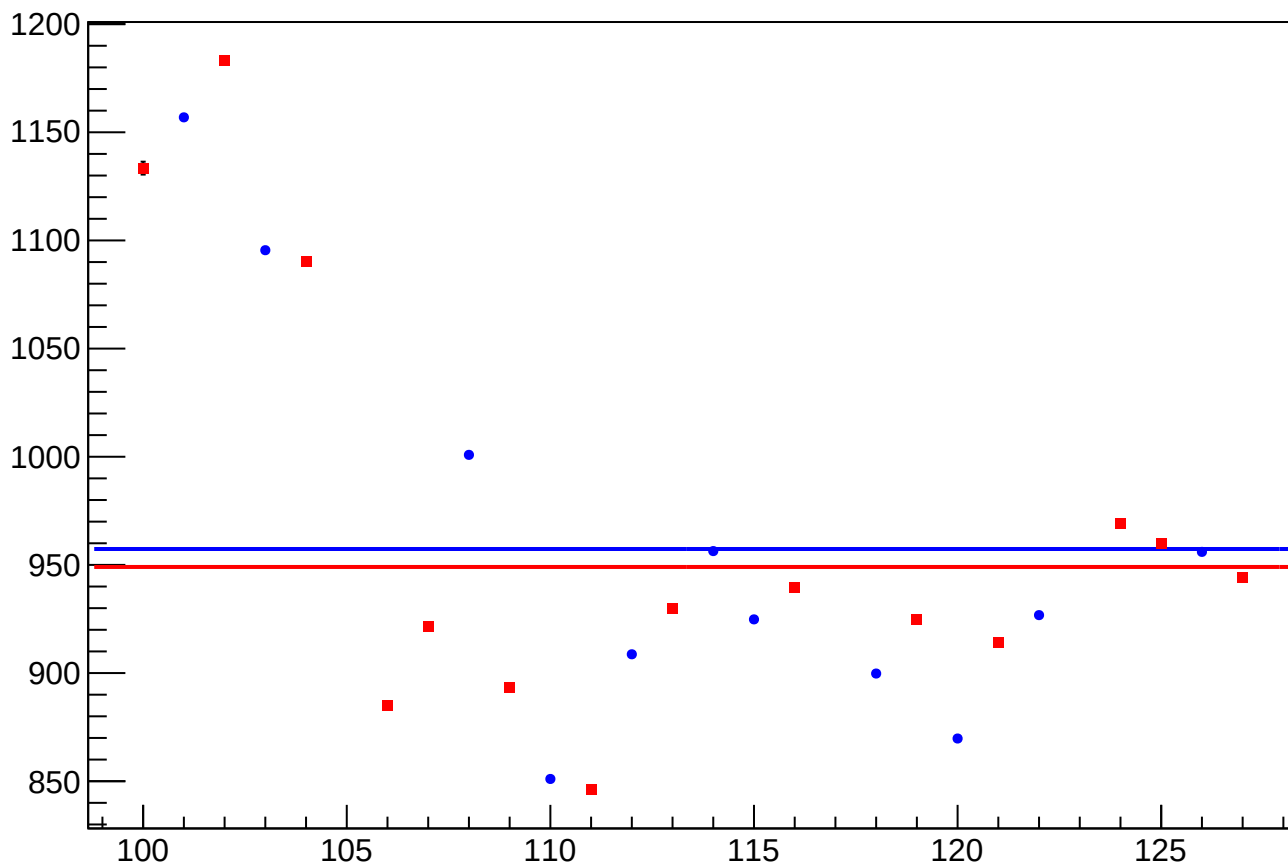
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -21.344 $\pm$ 0.302 χ^2 /NDF: 22199.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i02X_rms vs Slug



Right In: 957.354 $\pm$ 0.321 χ^2 /NDF: 87140.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 949.048 $\pm$ 0.287 χ^2 /NDF: 96093.5/13

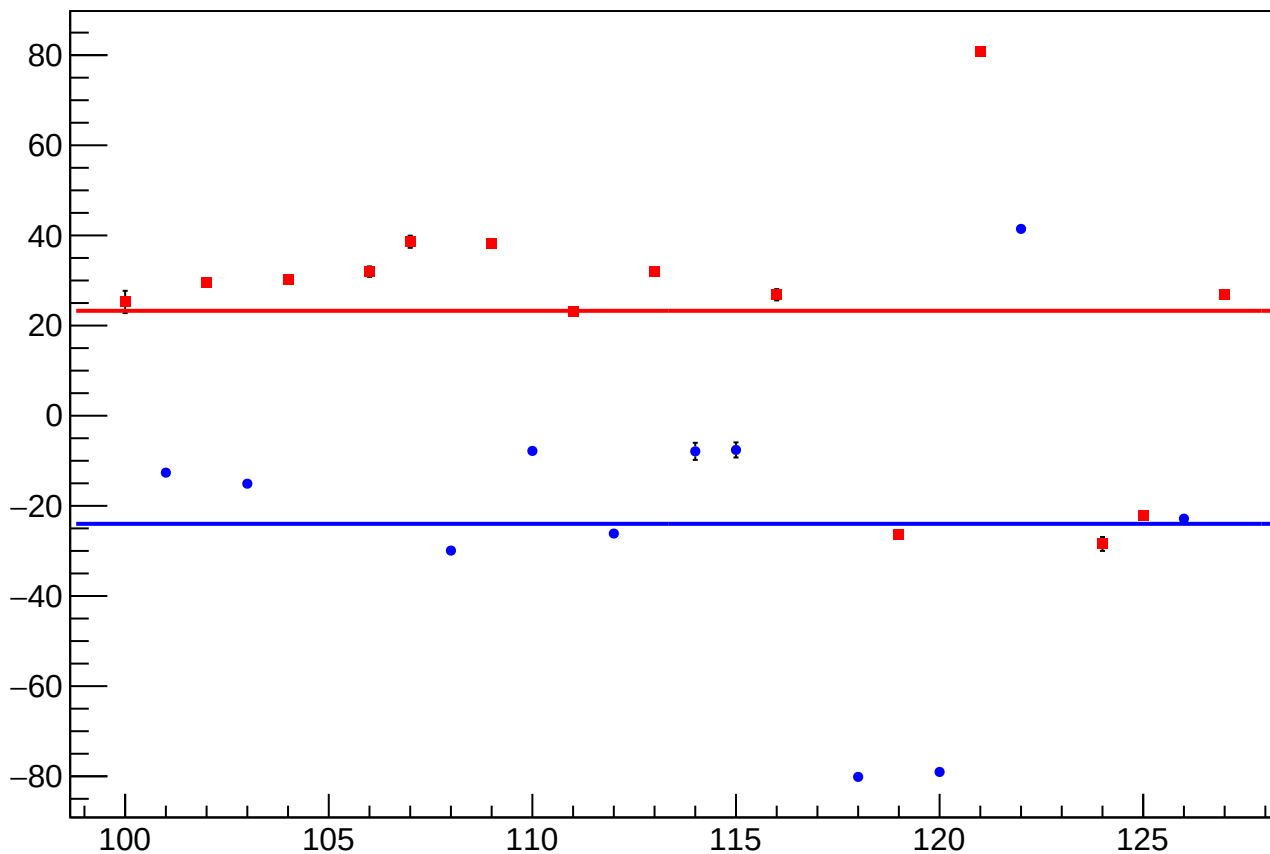
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 952.736 $\pm$ 0.214 χ^2 /NDF: 183606.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i02Y_mean vs Slug



Right In: -23.987+/-0.305 χ^2/NDF : 12338.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.275+/-0.272 χ^2/NDF : 11557.8/13

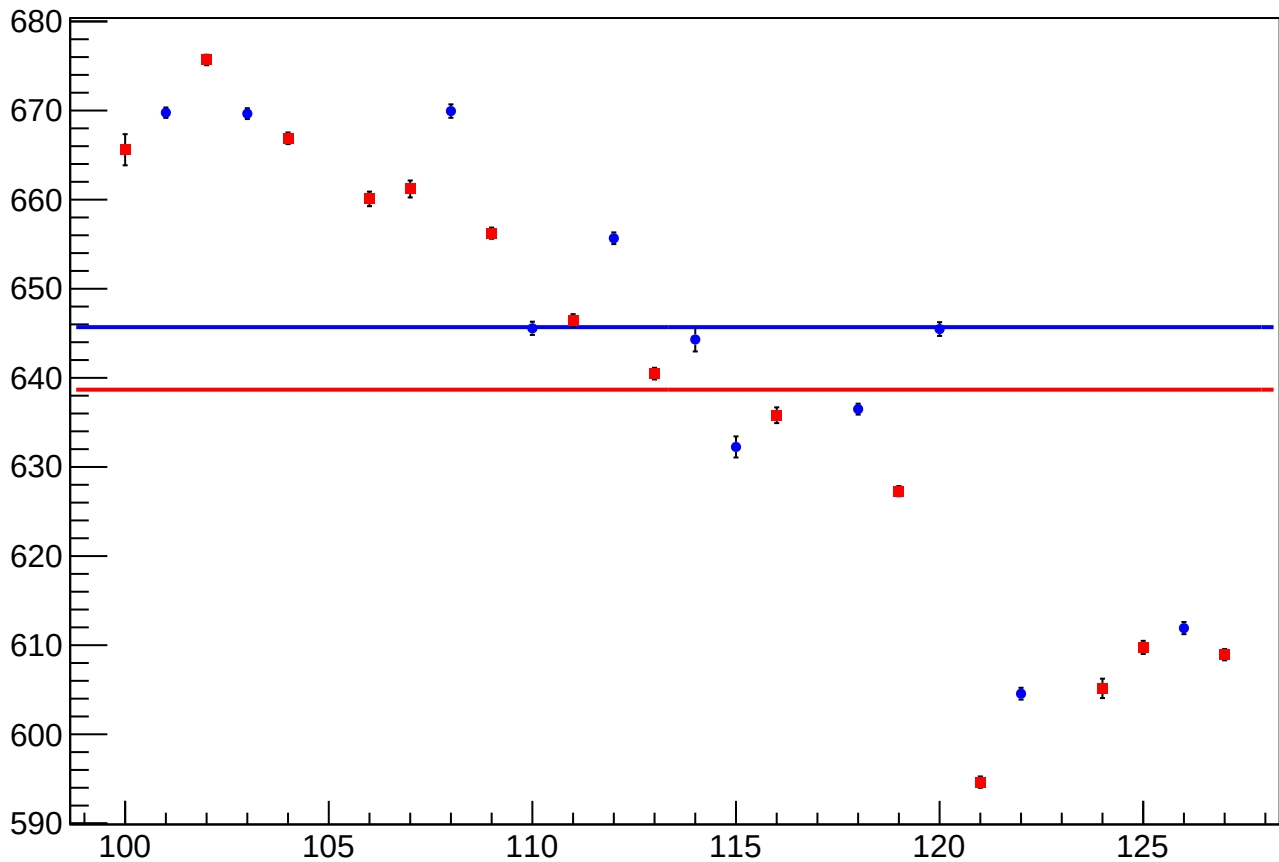
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.320+/-0.203 χ^2/NDF : 37298.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1i02Y_rms vs Slug



Right In: 645.692 $\pm$ 0.215 χ^2 /NDF: 11153.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 638.673 $\pm$ 0.192 χ^2 /NDF: 18042.6/13

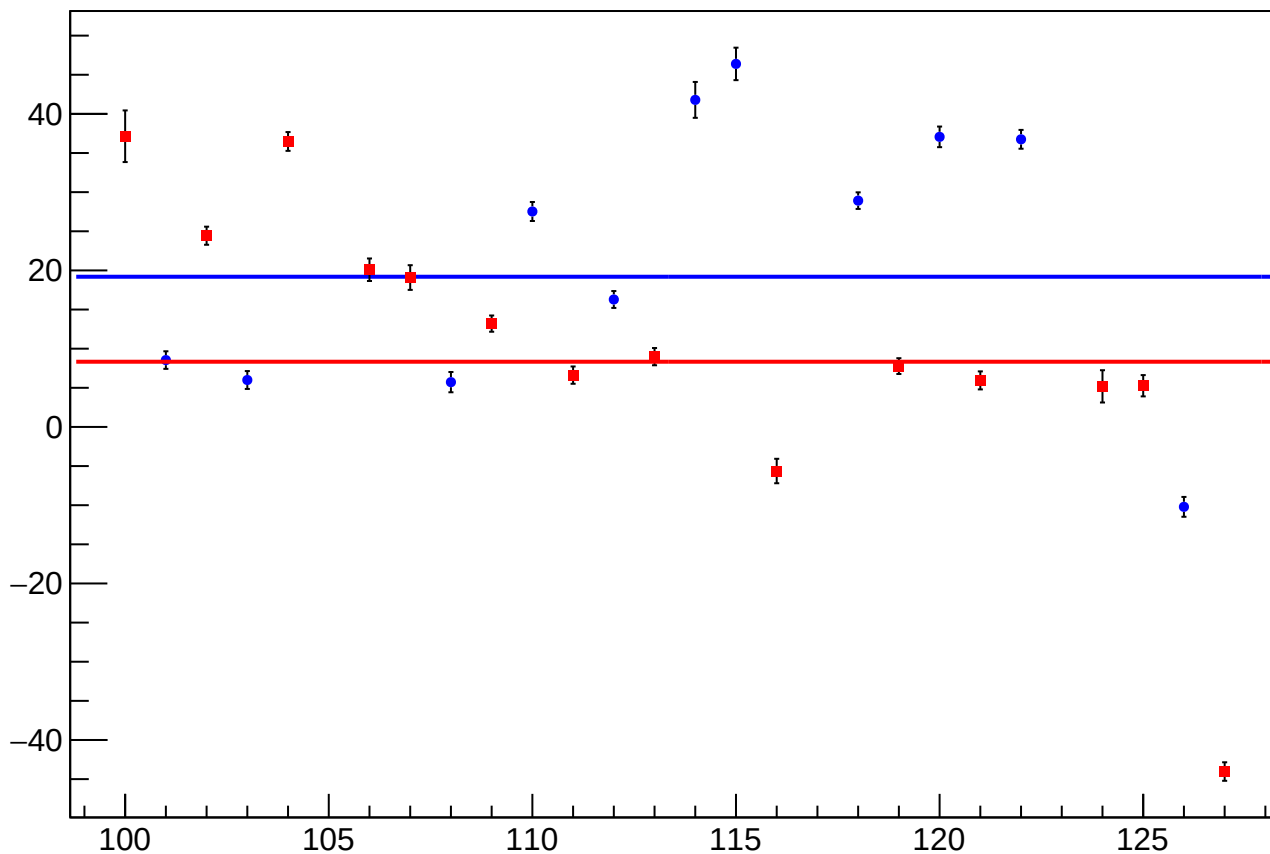
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 641.785 $\pm$ 0.143 χ^2 /NDF: 29786.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i04X_mean vs Slug



Right In: 19.192+/-0.381 χ^2/NDF : 1673.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.332+/-0.340 χ^2/NDF : 3008.4/13

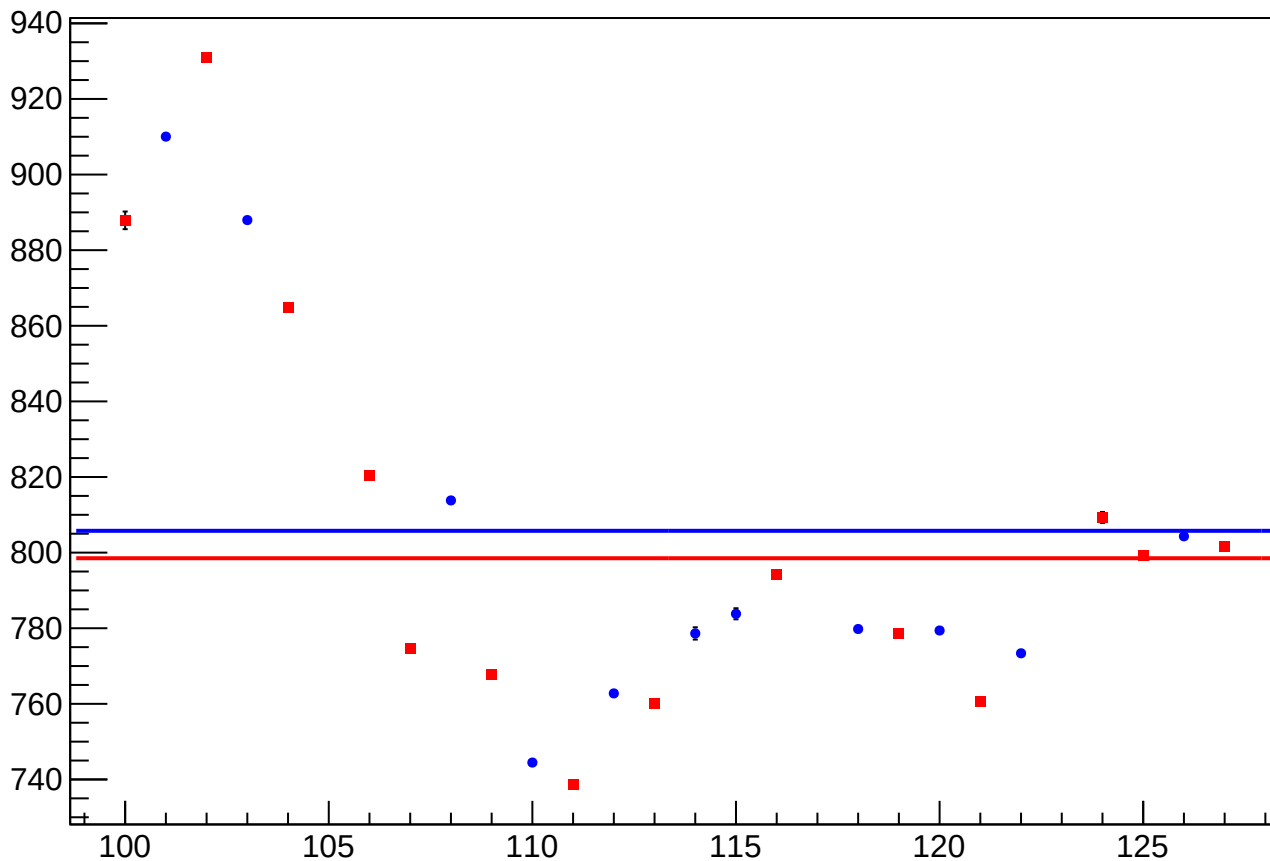
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.156+/-0.254 χ^2/NDF : 5133.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1i04X_rms vs Slug



Right In: 805.769 $\pm$ 0.269 χ^2 /NDF: 39921.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 798.515 $\pm$ 0.241 χ^2 /NDF: 47841.1/13

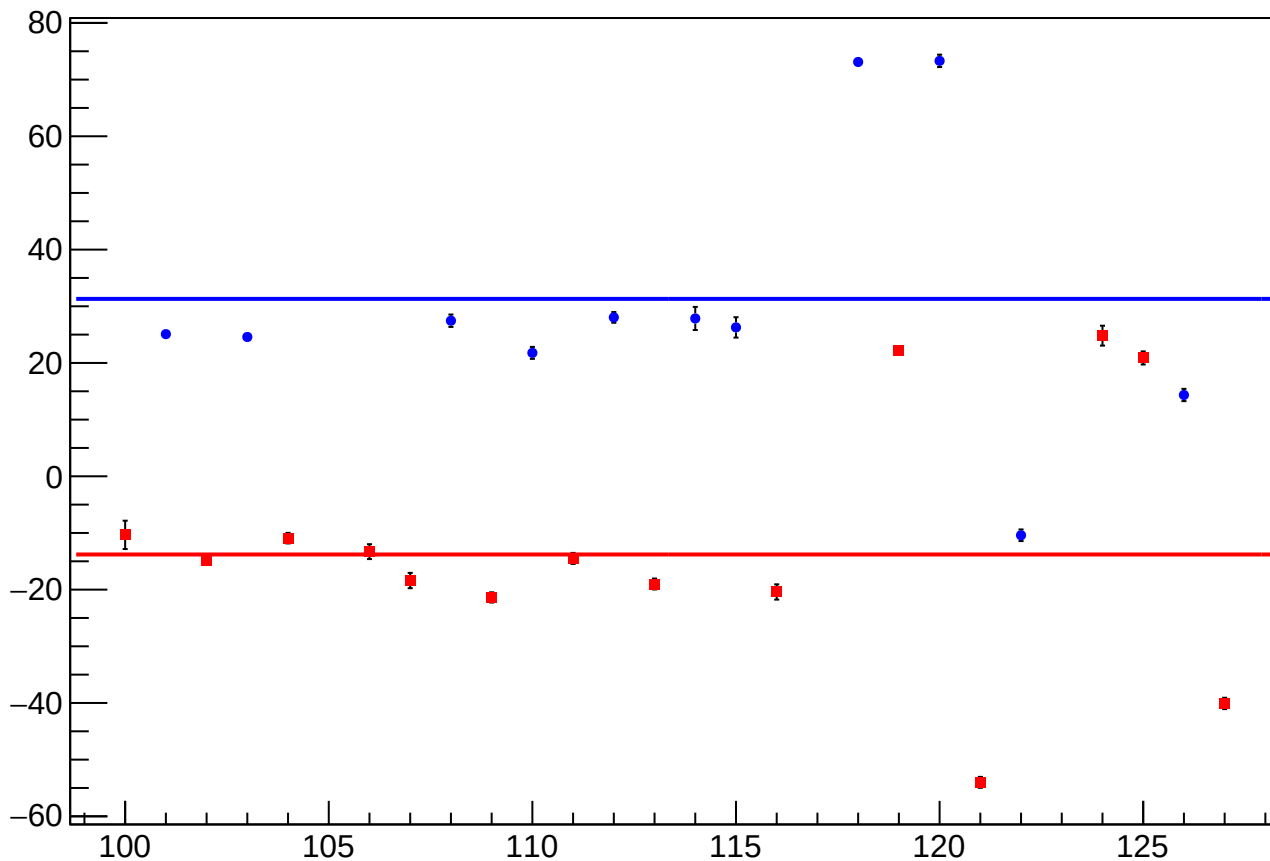
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 801.737 $\pm$ 0.179 χ^2 /NDF: 88165.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i04Y_mean vs Slug



Right In: 31.305 $\pm$ 0.315 χ^2 /NDF: 5880.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -13.799 $\pm$ 0.286 χ^2 /NDF: 5768.9/13

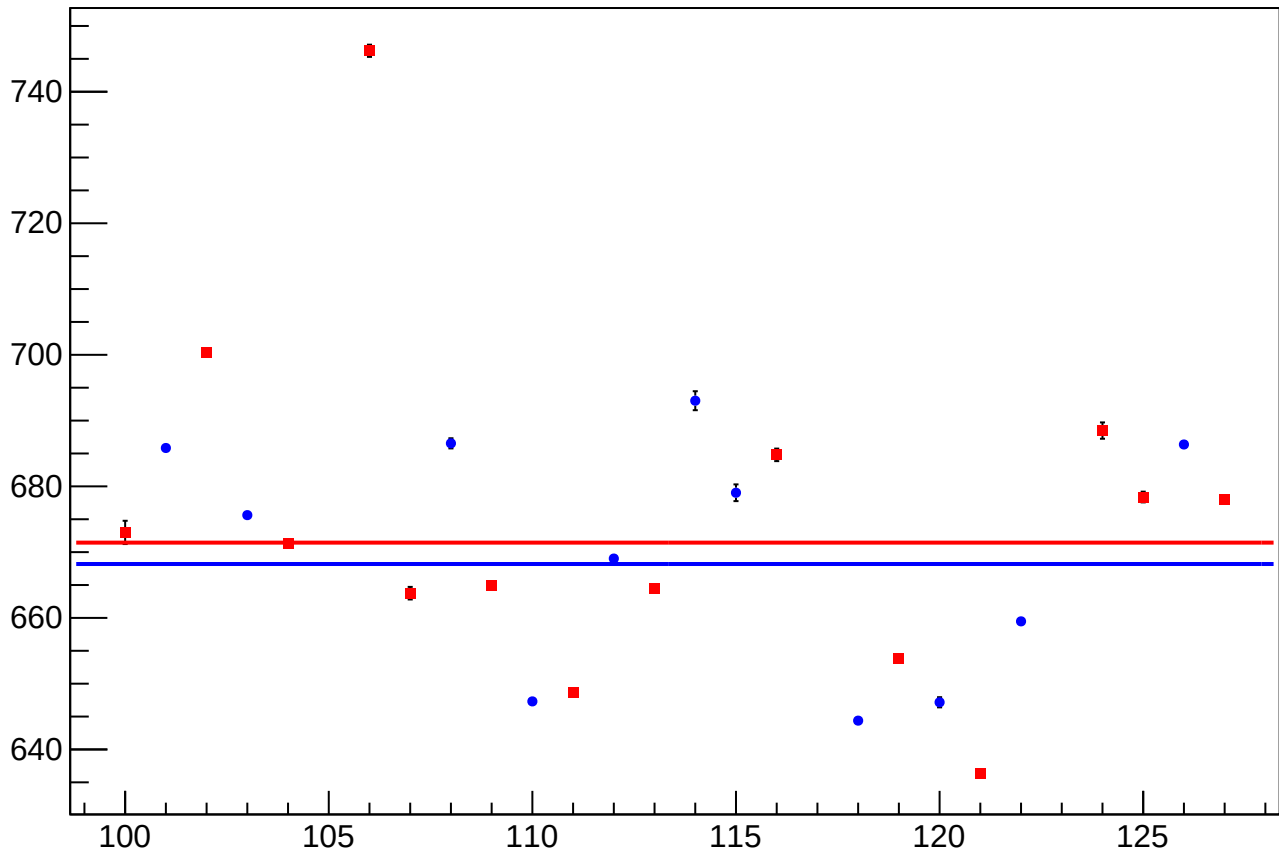
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.559 $\pm$ 0.212 χ^2 /NDF: 22886.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i04Y_rms vs Slug



Right In: 668.195 $\pm$ 0.223 χ^2 /NDF: 5658.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 671.446 $\pm$ 0.202 χ^2 /NDF: 14156.9/13

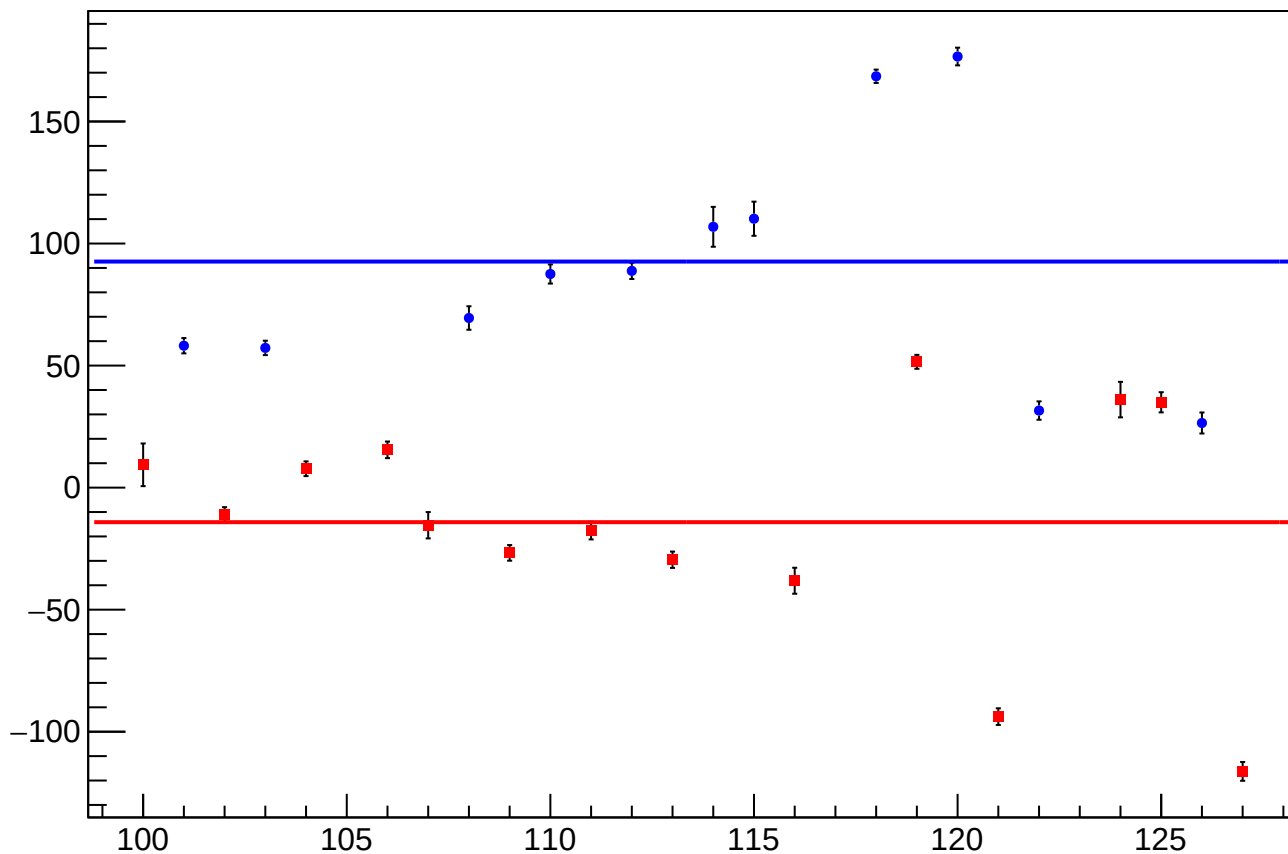
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 669.978 $\pm$ 0.150 χ^2 /NDF: 19932.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i06X_mean vs Slug



Right In: 92.617+/-1.129 χ^2/NDF : 2105.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.153+/-1.003 χ^2/NDF : 2159.2/13

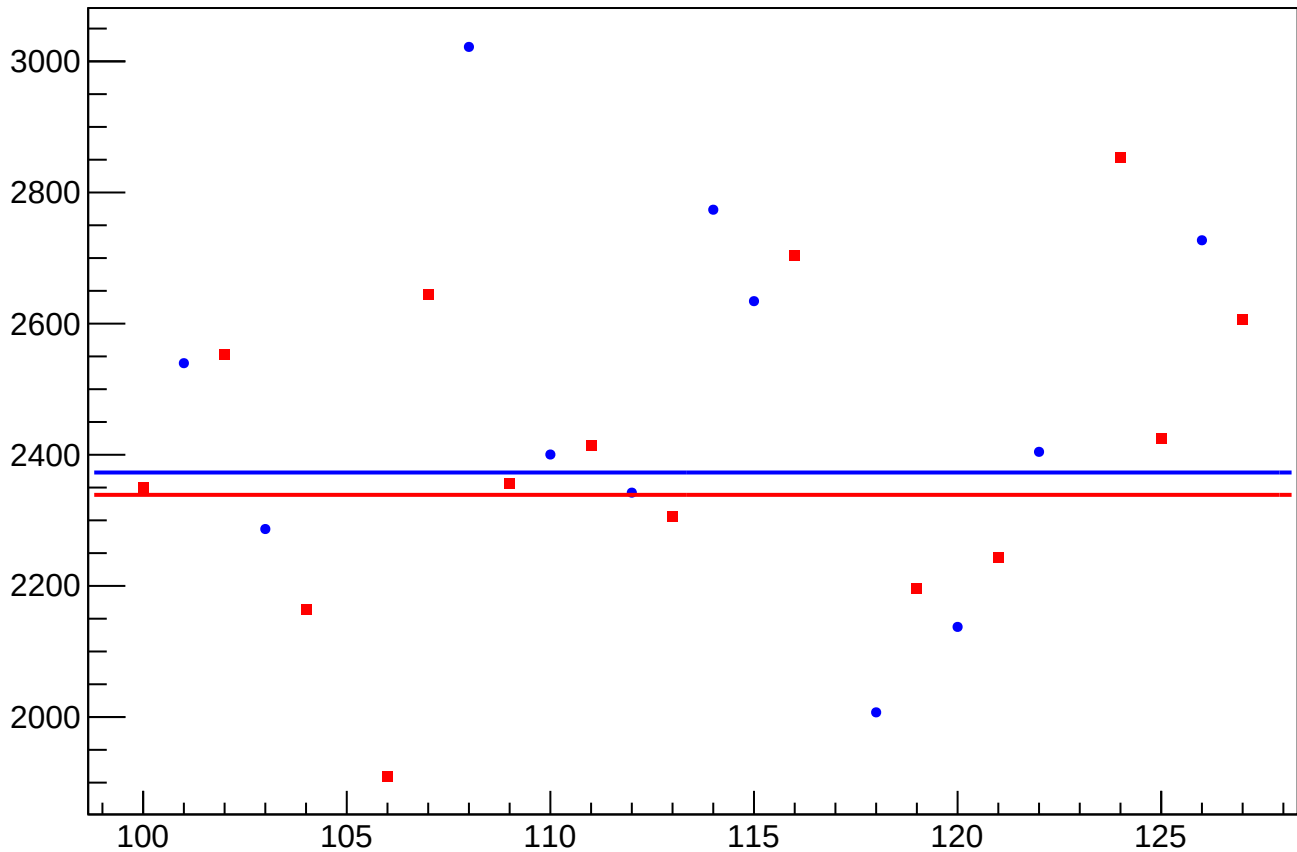
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.927+/-0.750 χ^2/NDF : 9264.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1i06X_rms vs Slug



Right In: 2372.956 $\pm$ 0.798 χ^2 /NDF: 109510.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2338.866 $\pm$ 0.709 χ^2 /NDF: 91795.5/13

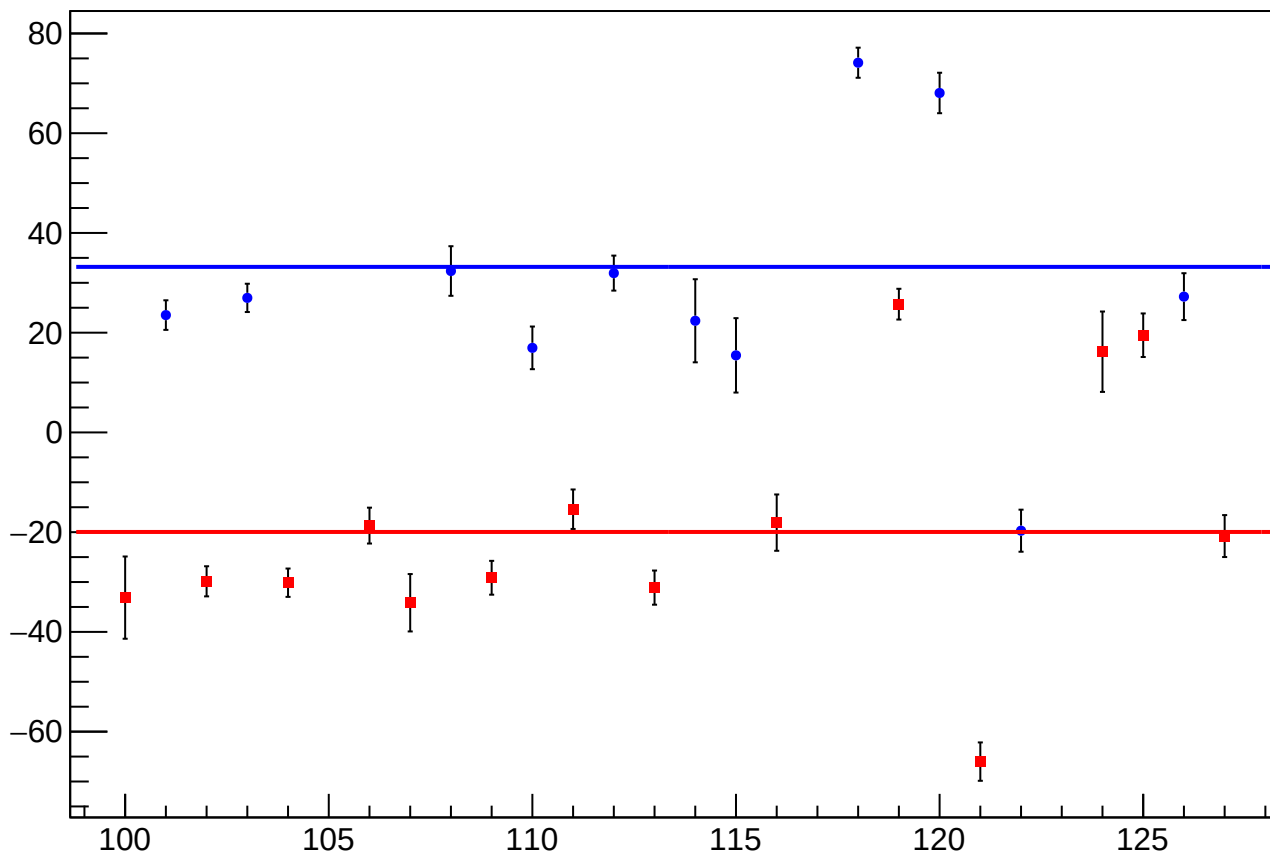
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2353.898 $\pm$ 0.530 χ^2 /NDF: 202324.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i06Y_mean vs Slug



Right In: 33.195+/-1.180 χ^2 /NDF: 454.2/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -19.959+/-1.043 χ^2 /NDF: 516.1/13

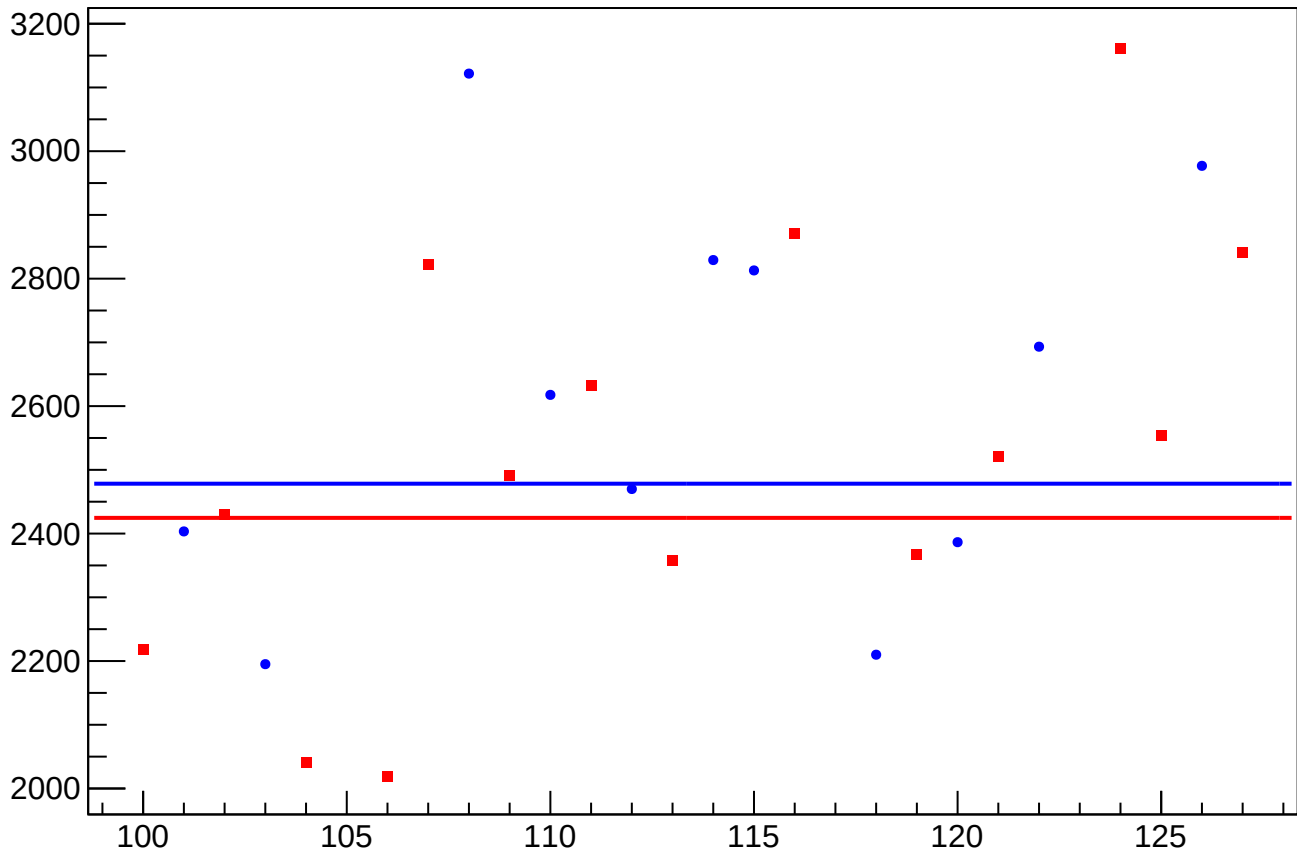
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 3.354+/-0.781 χ^2 /NDF: 2110.2/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm1i06Y_rms vs Slug



Right In: 2478.268+/-0.834 χ^2/NDF : 108995.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

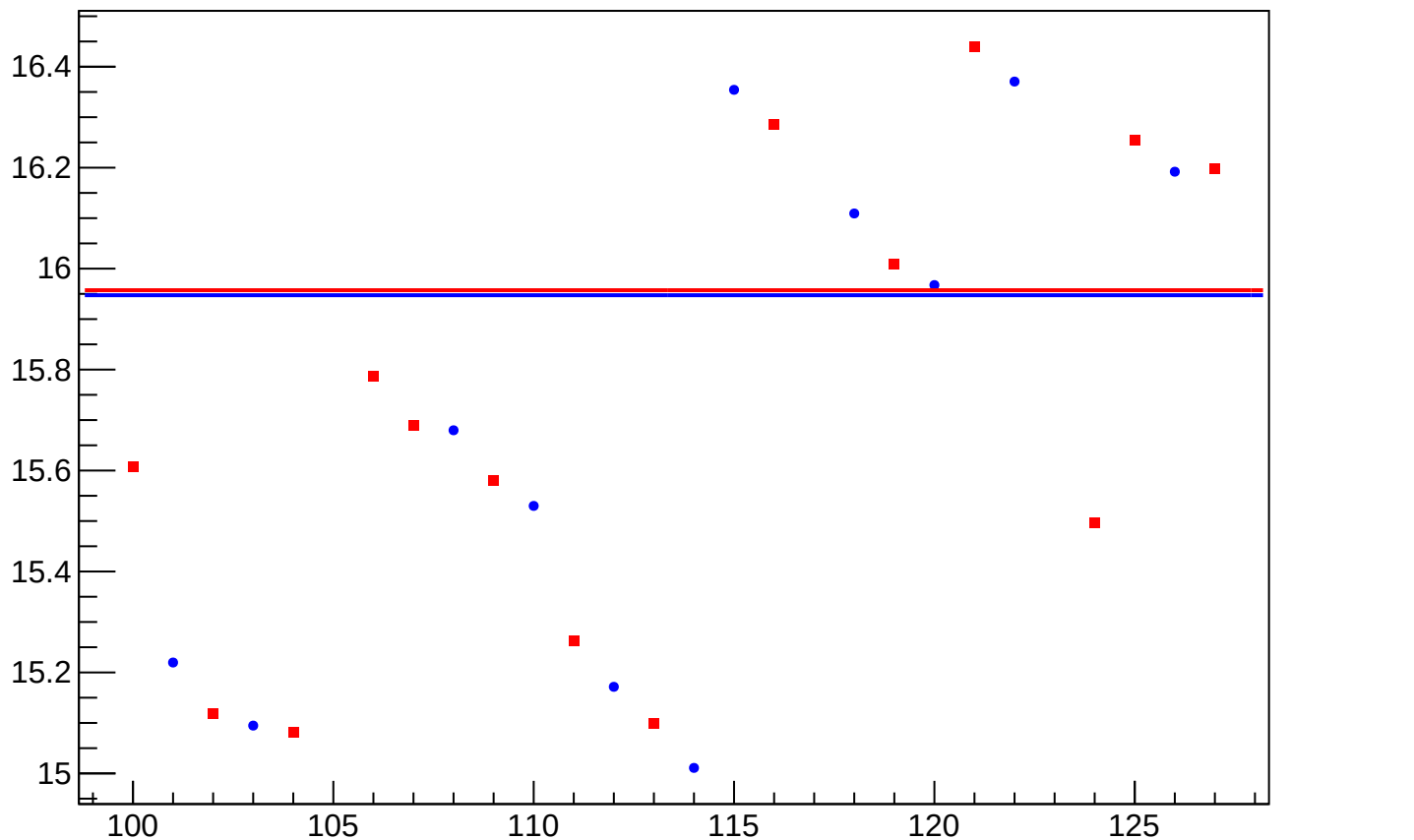
Right Out: 2424.638+/-0.737 χ^2/NDF : 132110.5/13

All: 2448.160+/-0.552 χ^2/NDF : 243426.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam1_mean vs Slug



Right In: 15.947+/-0.000 χ^2/NDF : 2418725953.9/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

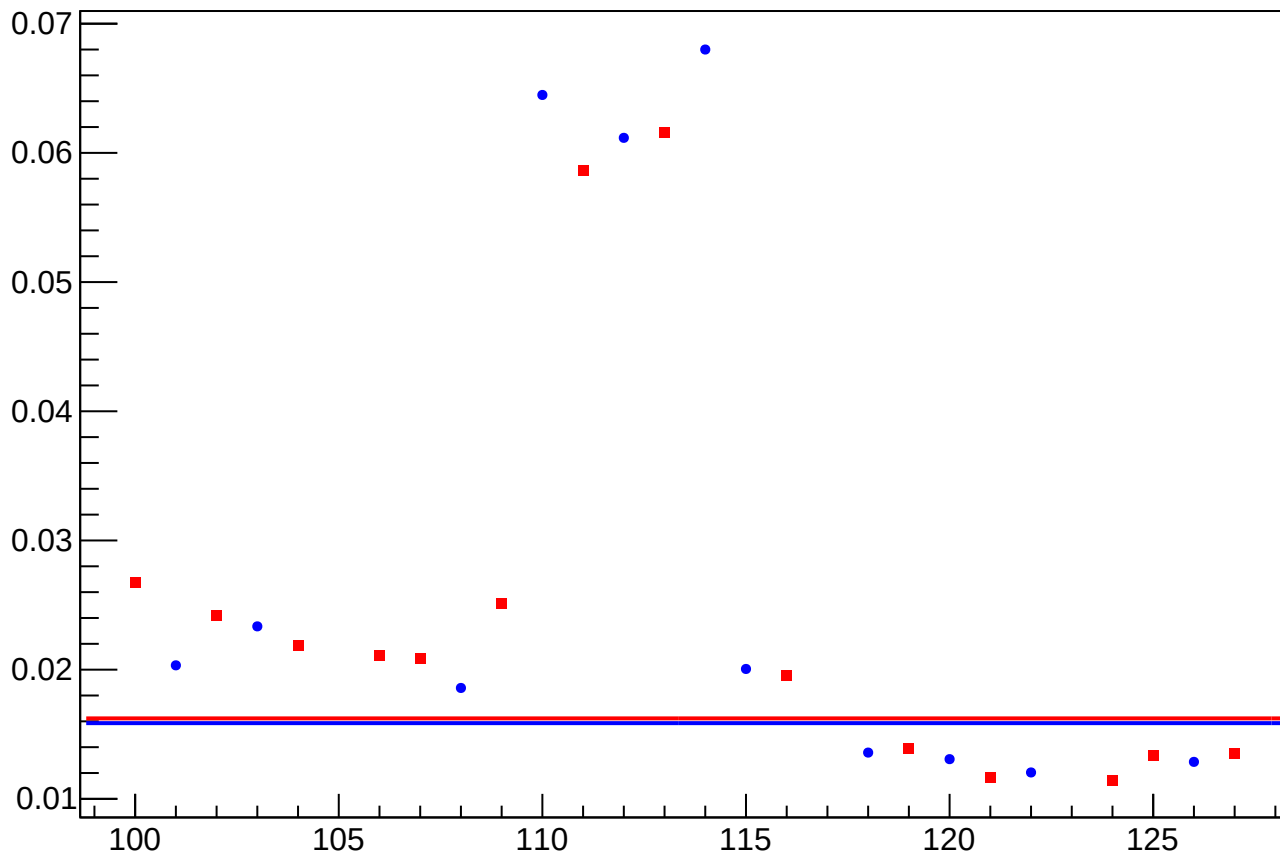
Right Out: 15.957+/-0.000 χ^2/NDF : 3105724980.0/13

All: 15.953+/-0.000 χ^2/NDF : 5525174976.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam1_rms vs Slug



Right In: 0.016+/-0.000 χ^2/NDF : 1391283.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 1563021.1/13

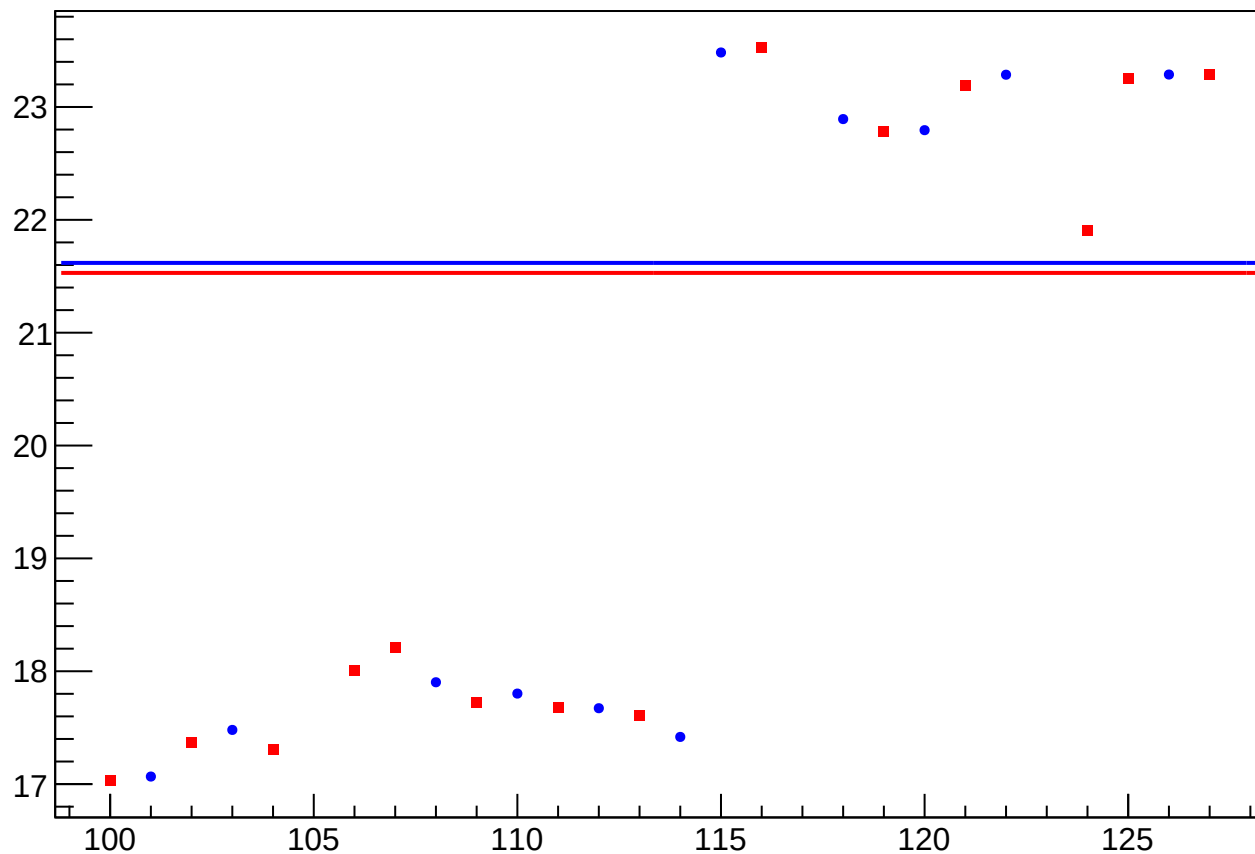
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 2956294.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam2_mean vs Slug



Right In: 21.618+/-0.000 χ^2/NDF : 898519322.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.530+/-0.000 χ^2/NDF : 957906978.9/13

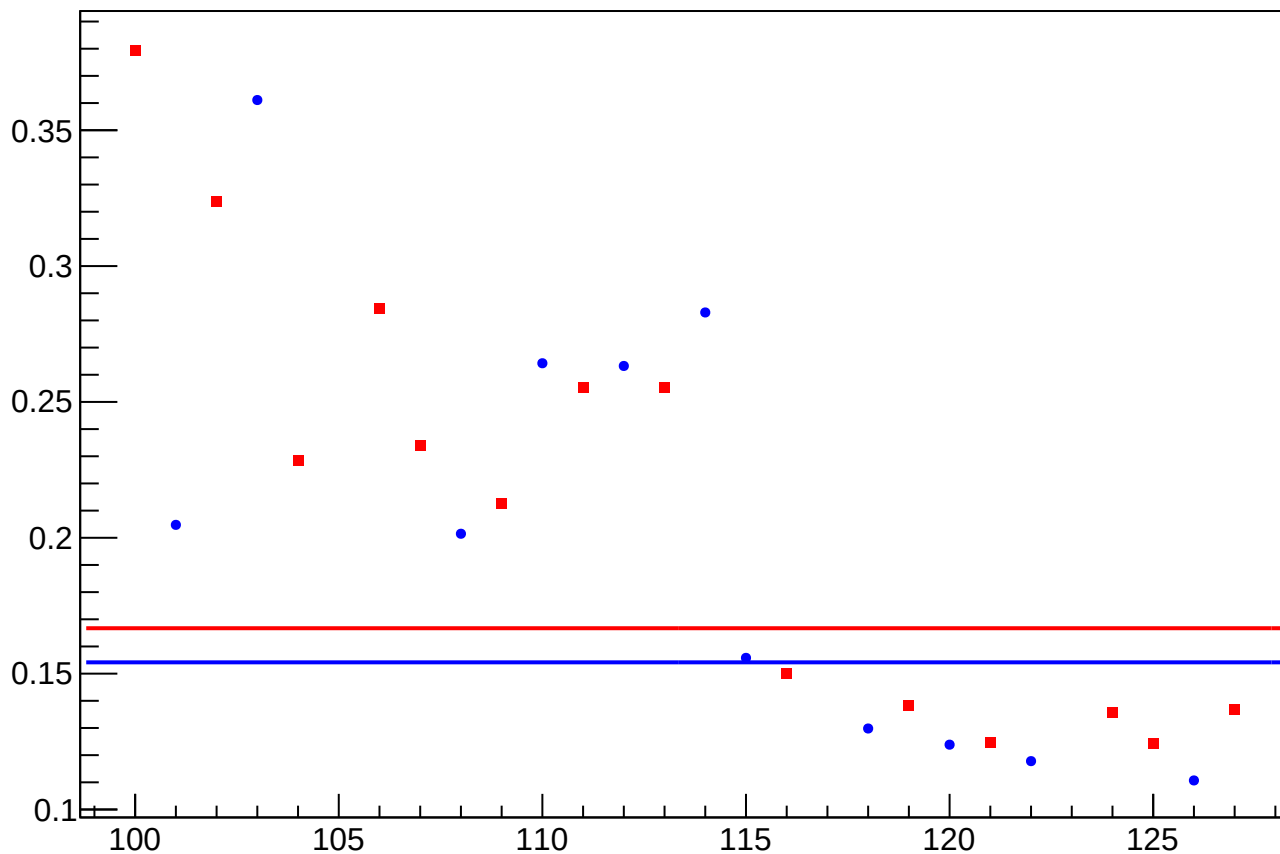
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.572+/-0.000 χ^2/NDF : 1857019133.1/2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam2_rms vs Slug



Right In: 0.154+/-0.000 χ^2/NDF : 1053003.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.167+/-0.000 χ^2/NDF : 1013065.9/13

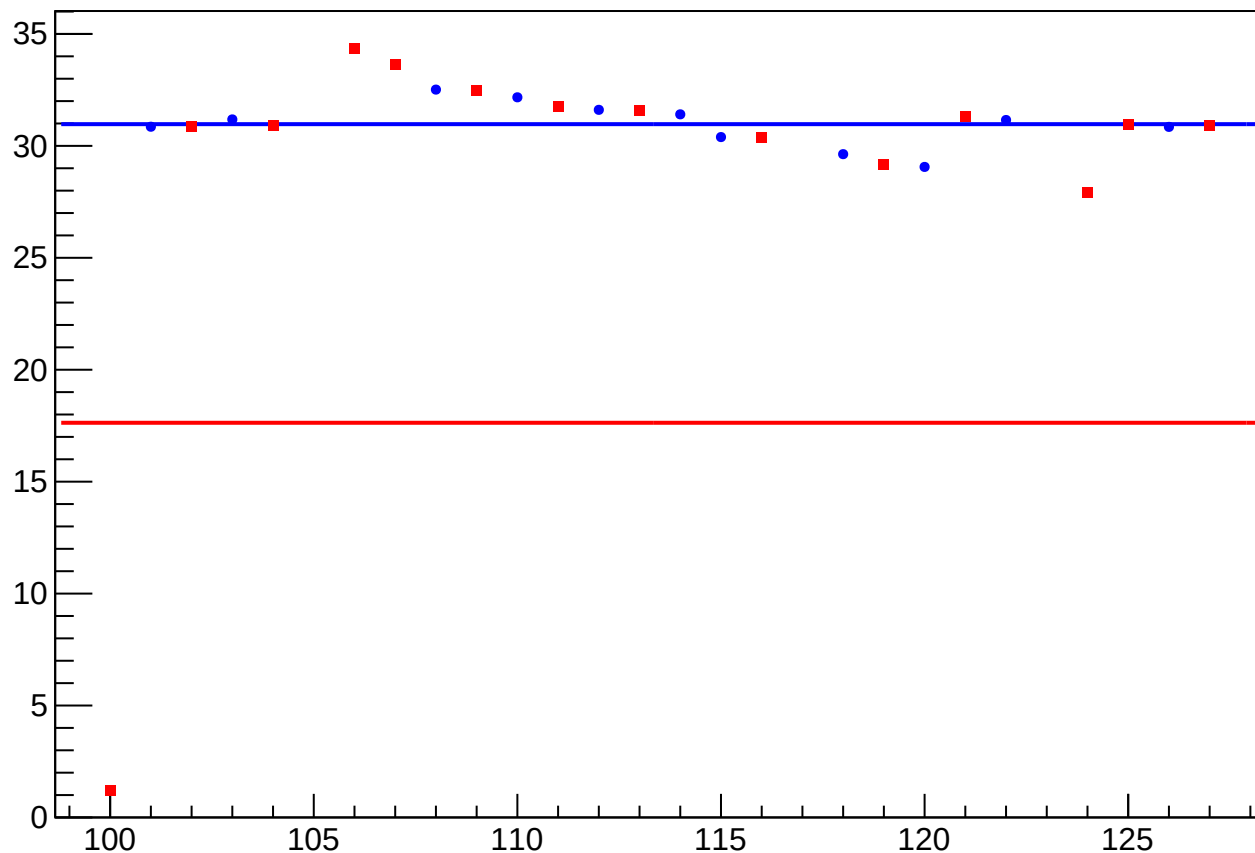
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.161+/-0.000 χ^2/NDF : 2089825.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam3_mean vs Slug



Right In: 30.970+/-0.000 χ^2/NDF : 348469209.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.631+/-0.000 χ^2/NDF : 192957356767.6/13

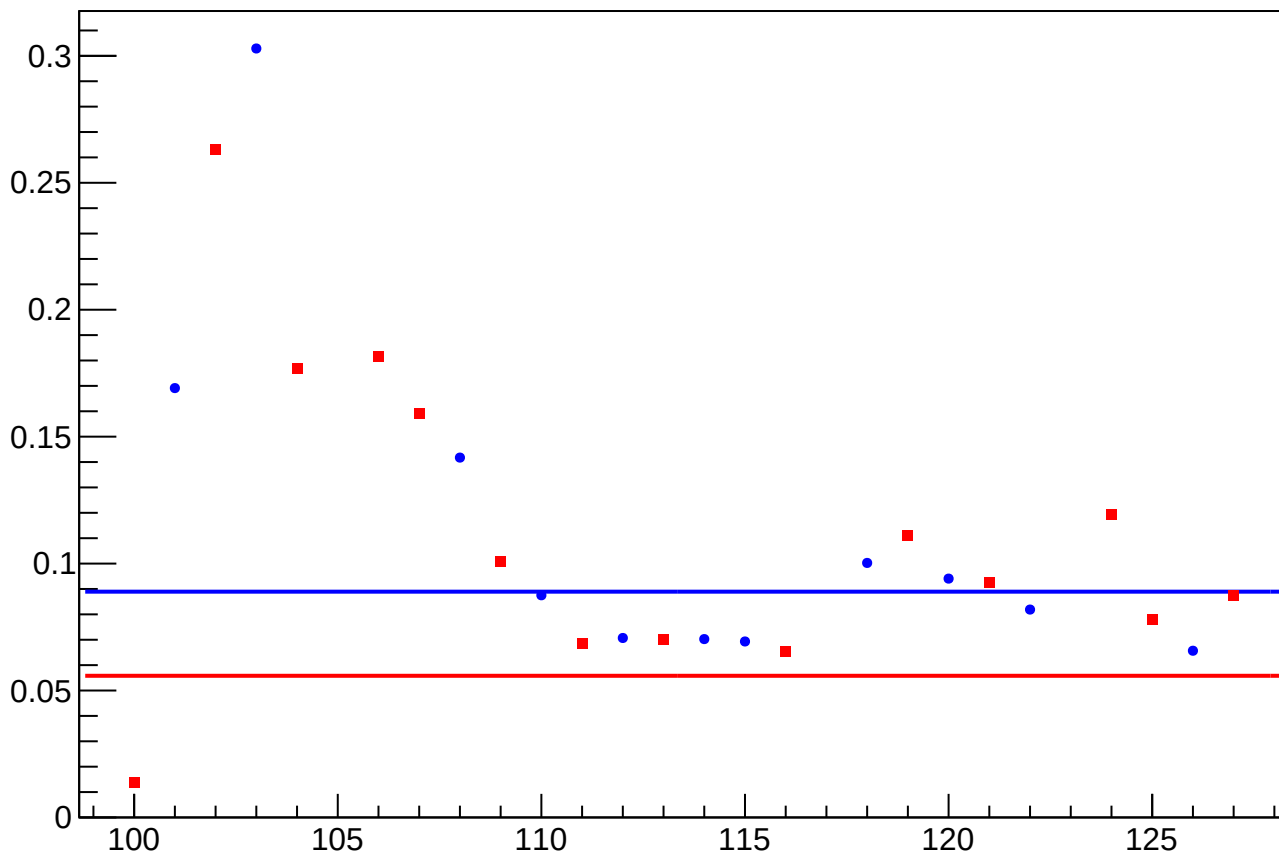
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.901+/-0.000 χ^2/NDF : 242514829450.

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam3_rms vs Slug



Right In: 0.089+/-0.000 χ^2/NDF : 1094091.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.056+/-0.000 χ^2/NDF : 3675949.8/13

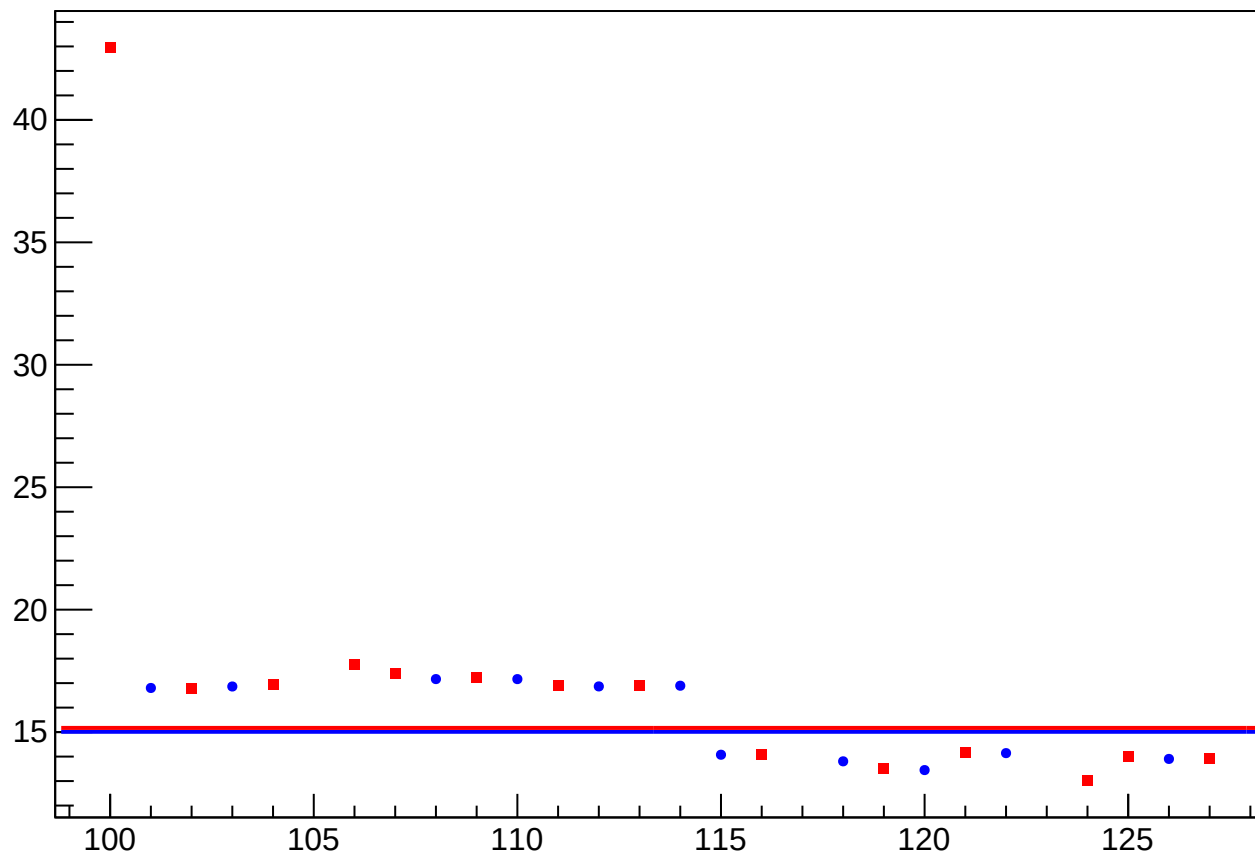
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.066+/-0.000 χ^2/NDF : 5377388.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam4_mean vs Slug



Right In: 15.013+/-0.000 χ^2/NDF : 1053891157.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.171+/-0.000 χ^2/NDF : 1596264061.4/13

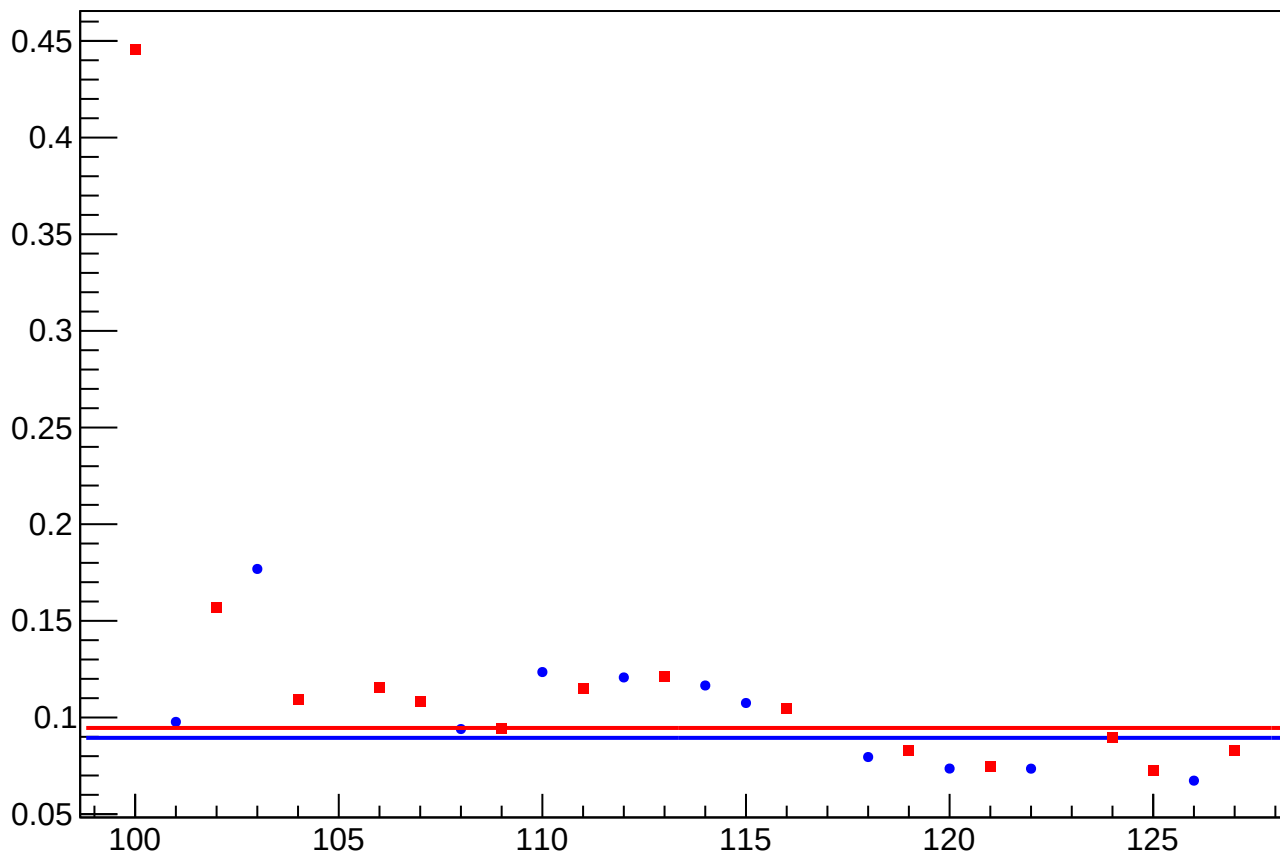
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.096+/-0.000 χ^2/NDF : 2656174907.2/20

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam4_rms vs Slug



Right In: 0.089+/-0.000 χ^2/NDF : 577945.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.095+/-0.000 χ^2/NDF : 531765.9/13

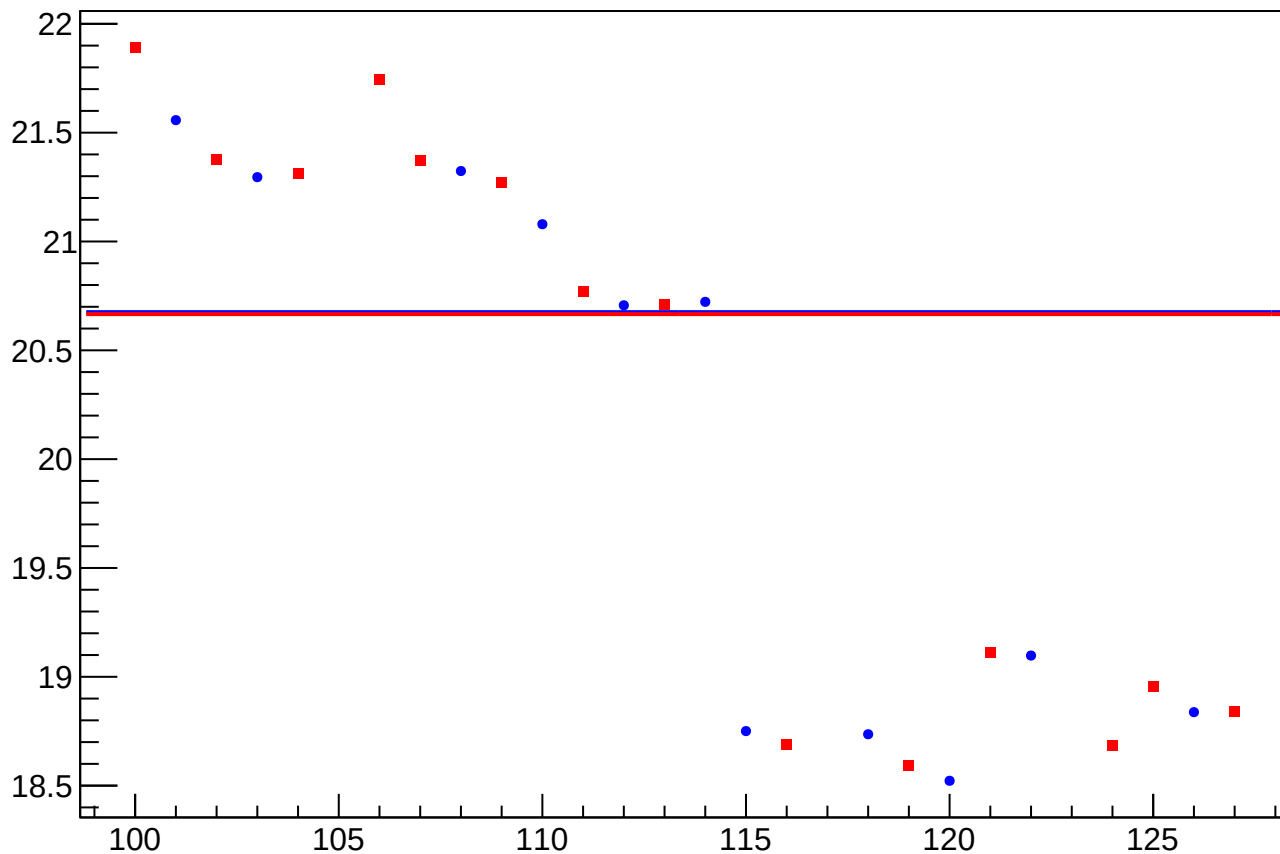
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.092+/-0.000 χ^2/NDF : 1122406.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam5_mean vs Slug



Right In: 20.675+/-0.000 χ^2/NDF : 5557519064.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.666+/-0.000 χ^2/NDF : 6171276631.3/13

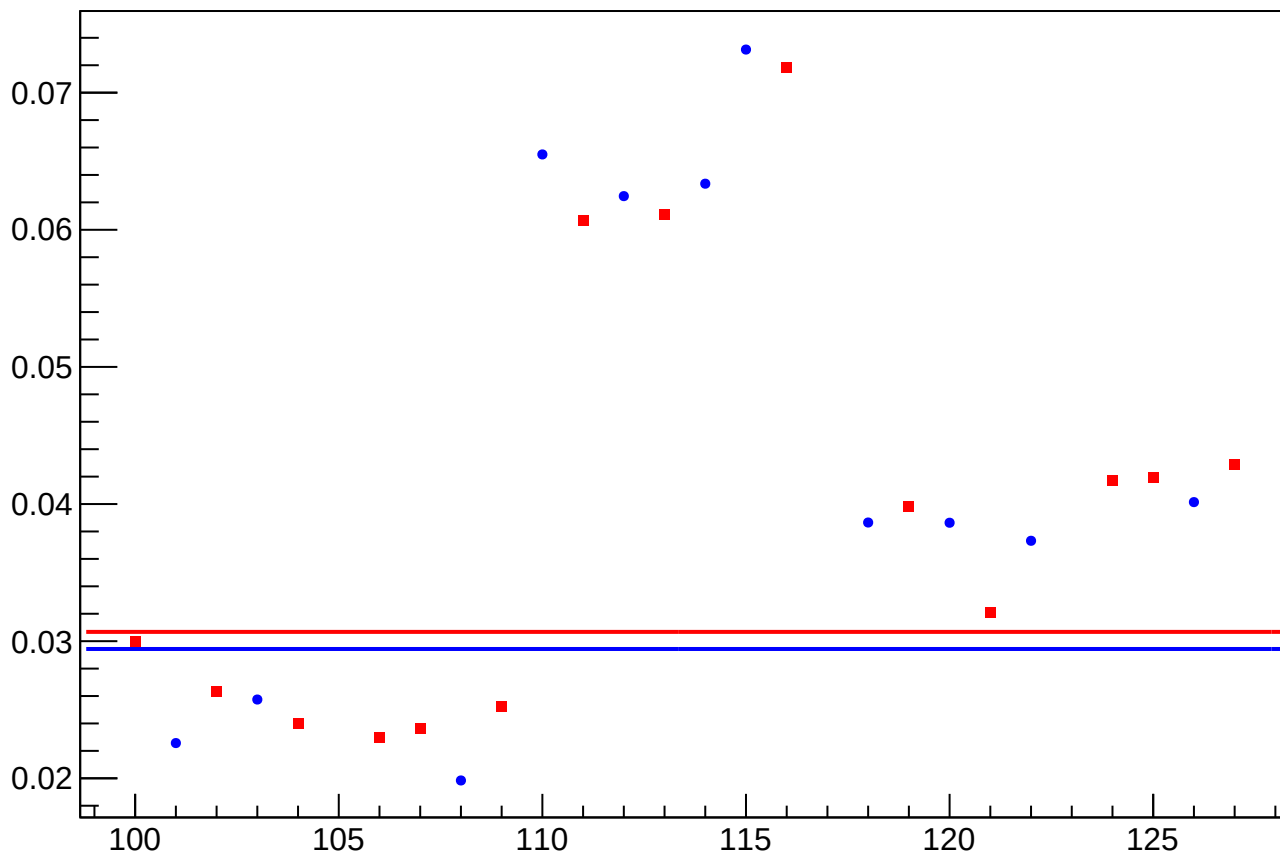
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.671+/-0.000 χ^2/NDF : 11728978450.3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam5_rms vs Slug



Right In: 0.029+/-0.000 χ^2/NDF : 1092044.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.031+/-0.000 χ^2/NDF : 1024373.6/13

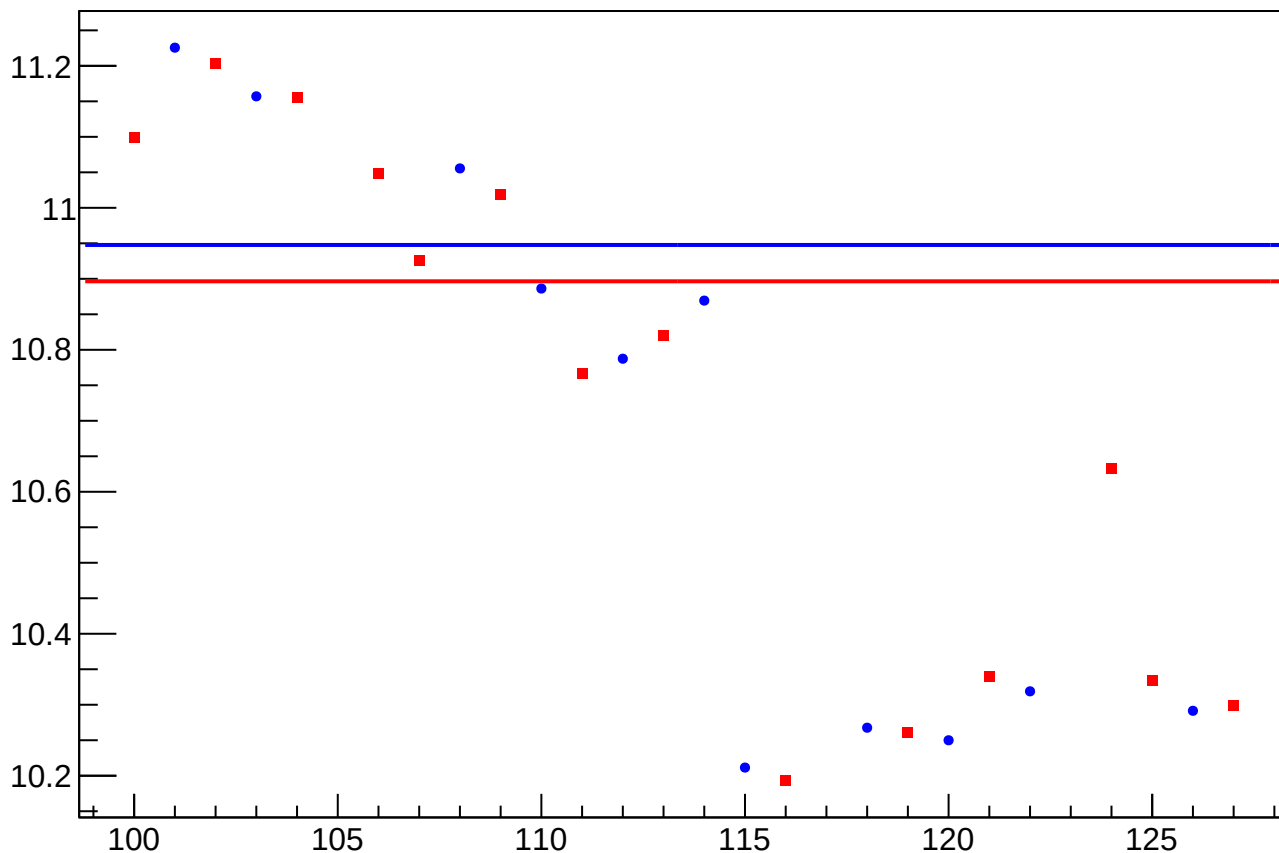
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.030+/-0.000 χ^2/NDF : 2123315.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam6_mean vs Slug



Right In: 10.948+/-0.000 χ^2/NDF : 2627779493.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.896+/-0.000 χ^2/NDF : 2279881149.9/13

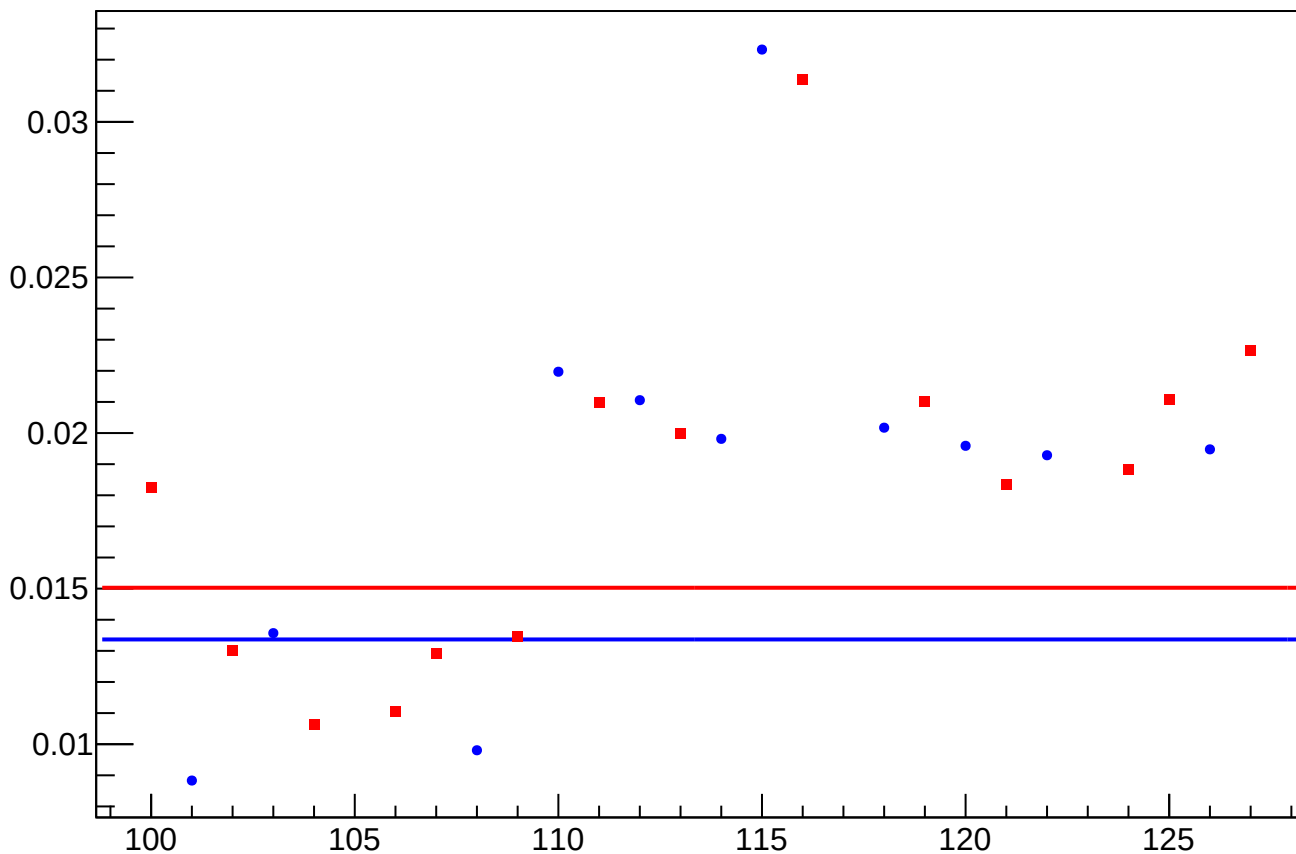
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.922+/-0.000 χ^2/NDF : 4933906898.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam6_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF : 1045761.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 815602.3/13

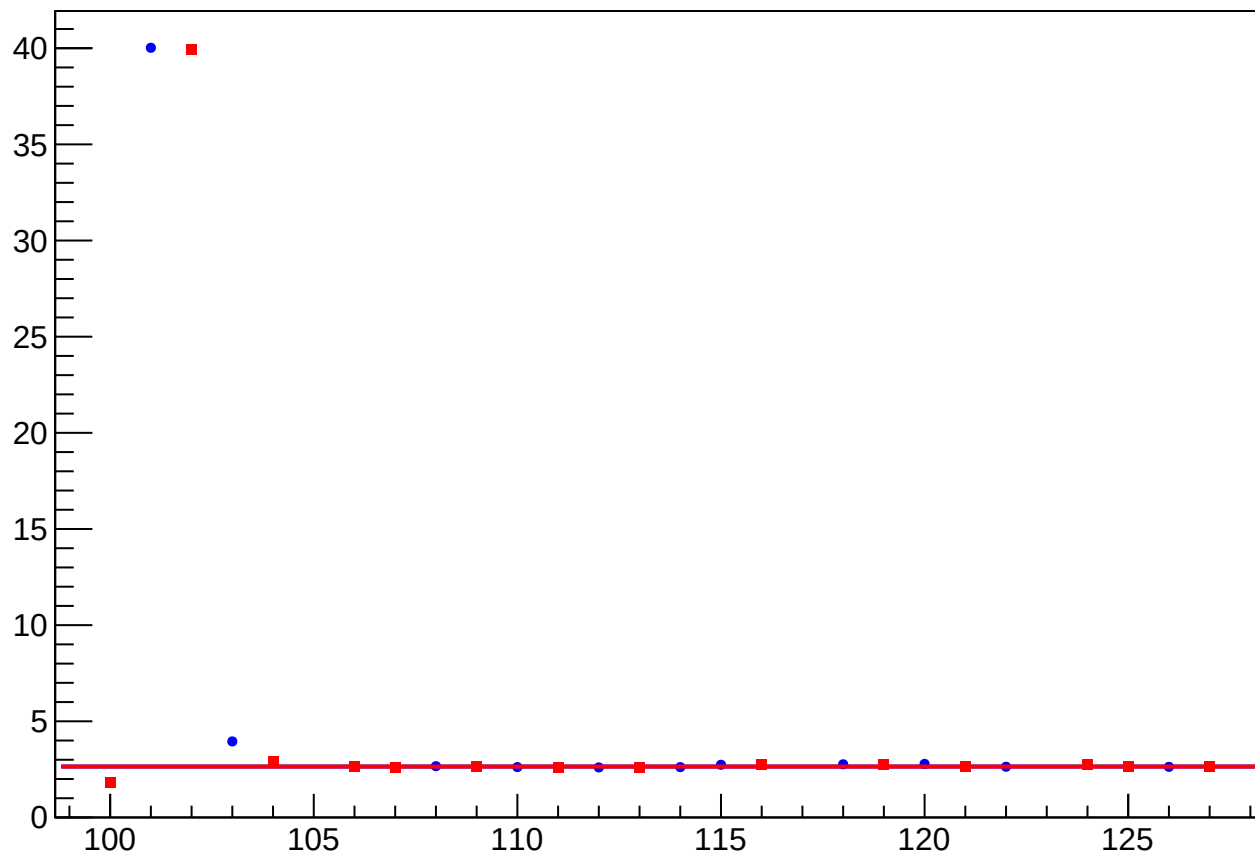
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 1916682.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam7_mean vs Slug



Right In: 2.648+/-0.000 χ^2/NDF : 64570746309.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.646+/-0.000 χ^2/NDF : 63159367892.6/13

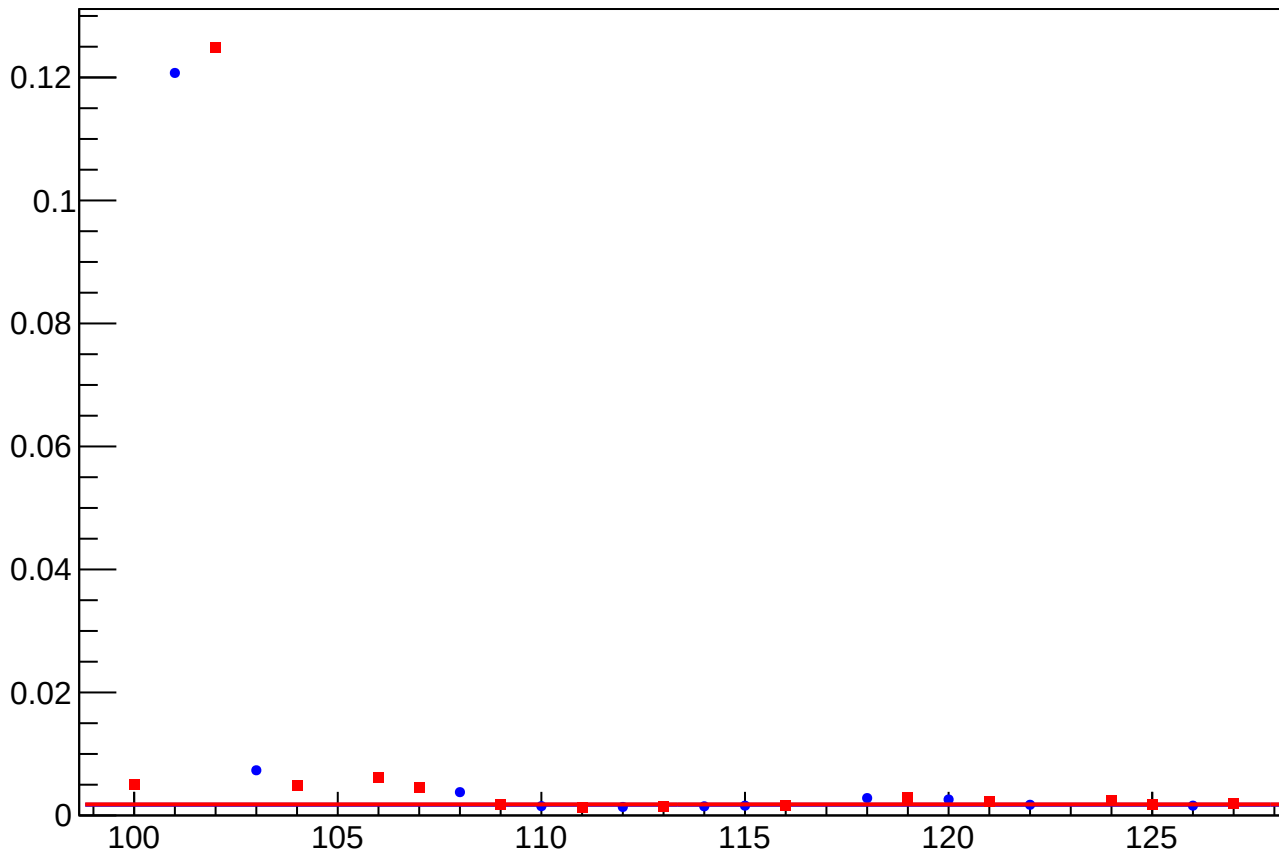
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.646+/-0.000 χ^2/NDF : 127732360732.6

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam7_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 1767149.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2357875.1/13

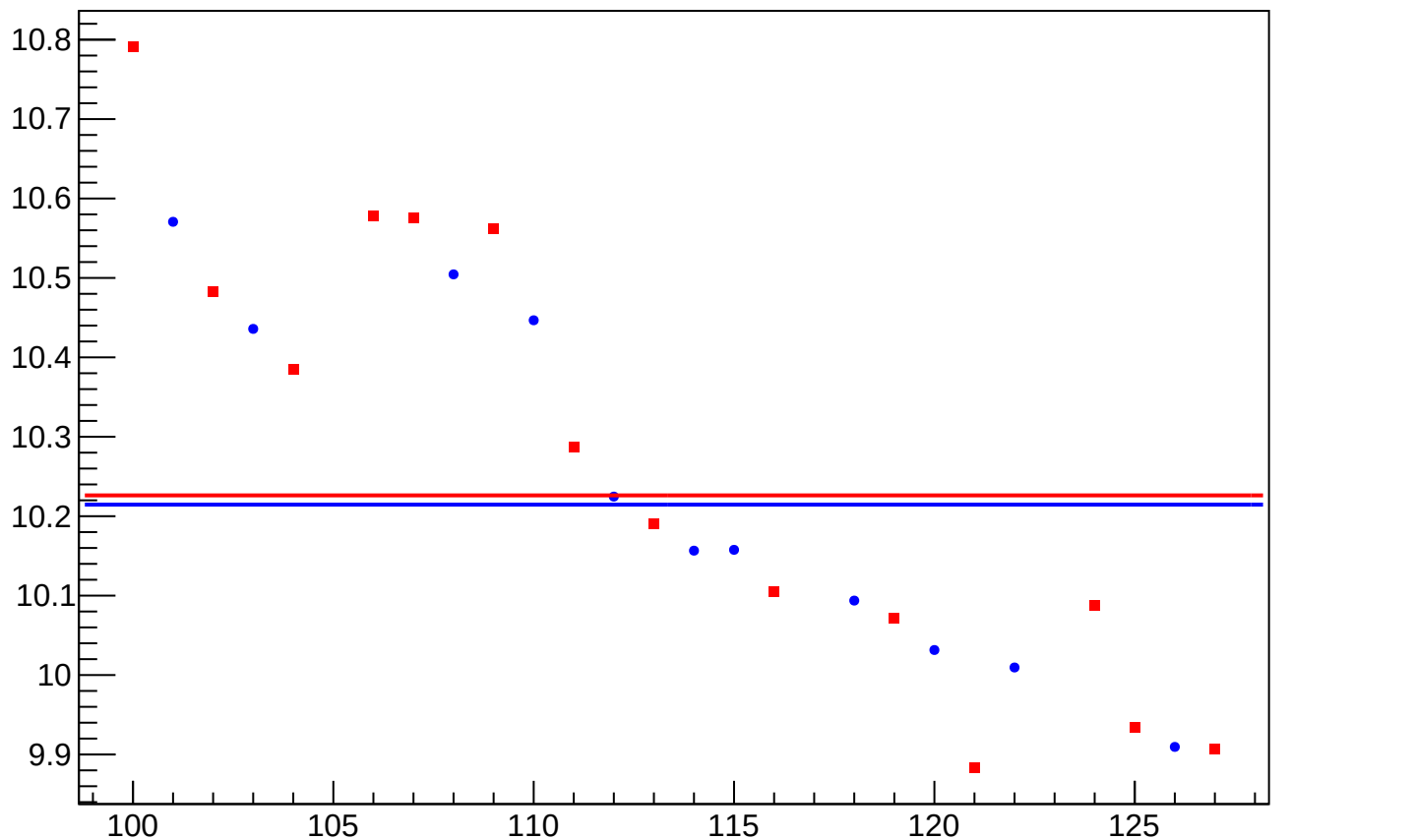
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4129154.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam8_mean vs Slug



Right In: 10.215+/-0.000 χ^2/NDF : 4554511520.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.226+/-0.000 χ^2/NDF : 6342501839.5/13

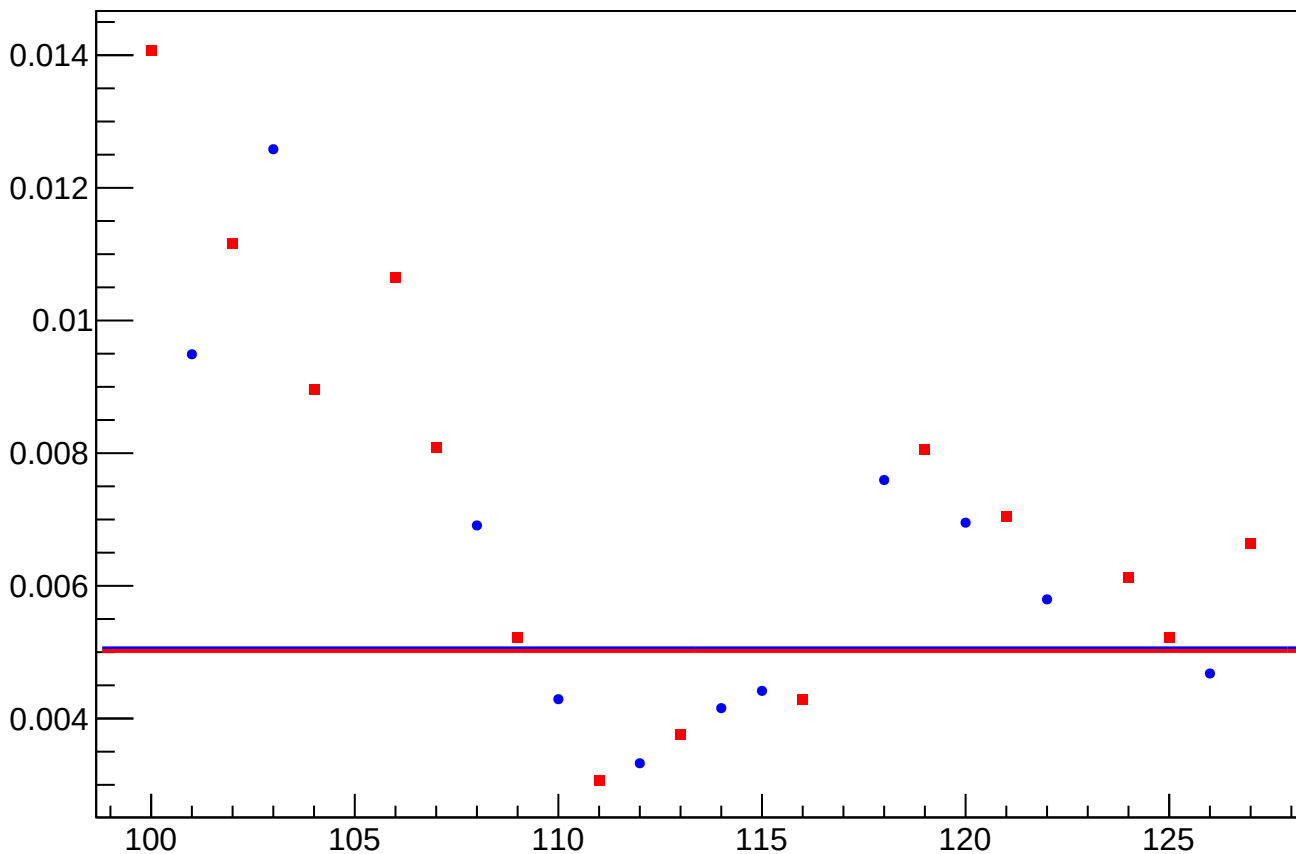
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.221+/-0.000 χ^2/NDF : 10906663387.0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam8_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 1147462.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1534658.0/13

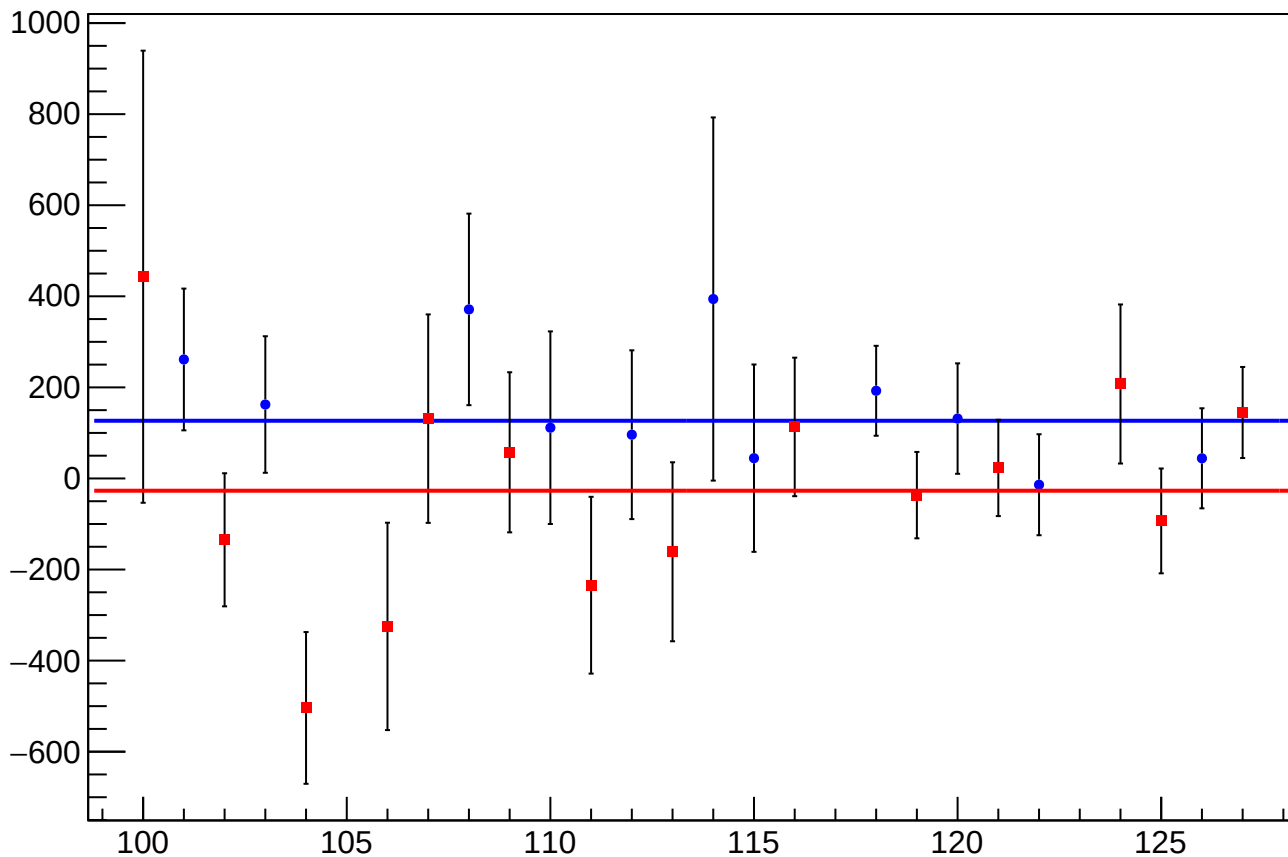
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2682333.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_mean vs Slug



Right In: 126.706+/-43.663 χ^2/NDF : 5.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -26.912+/-38.864 χ^2/NDF : 19.8/13

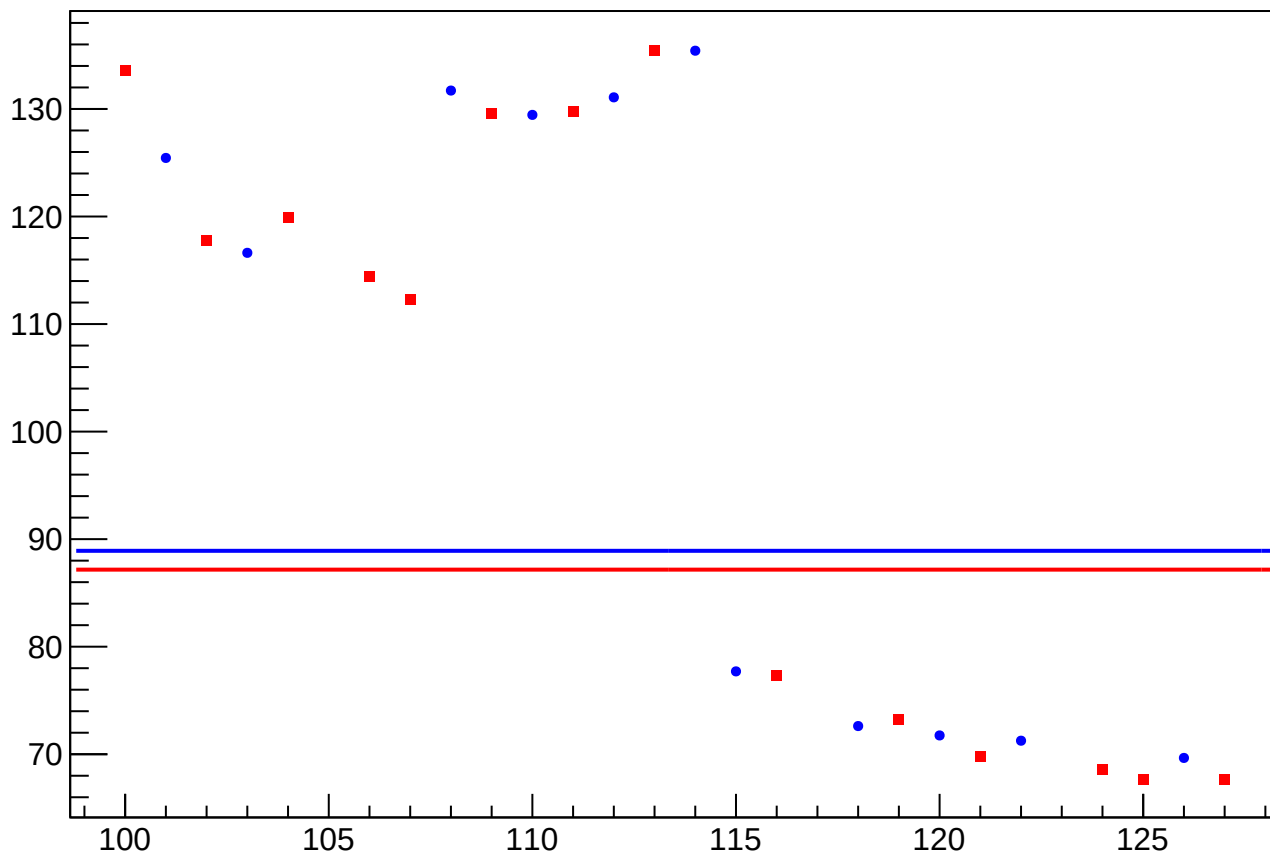
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.995+/-29.030 χ^2/NDF : 32.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_rms vs Slug



Right In: 88.915+/-0.031 χ^2/NDF : 678205.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.165+/-0.027 χ^2/NDF : 830625.7/13

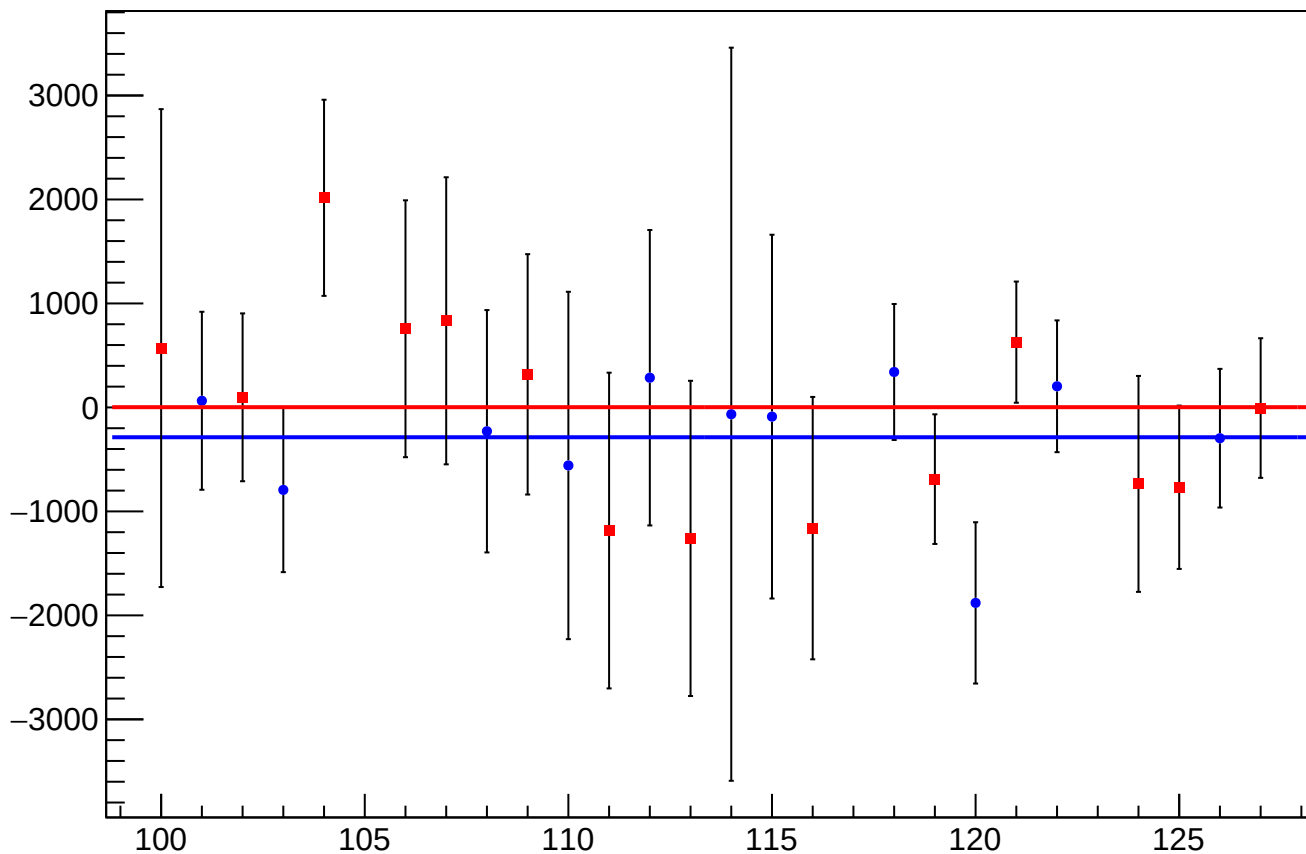
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.938+/-0.021 χ^2/NDF : 1510623.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_reg_correction_mean vs Slug



Right In: -286.842 ± 270.170 χ^2/NDF : 6.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.235 ± 245.736 χ^2/NDF : 11.4/13

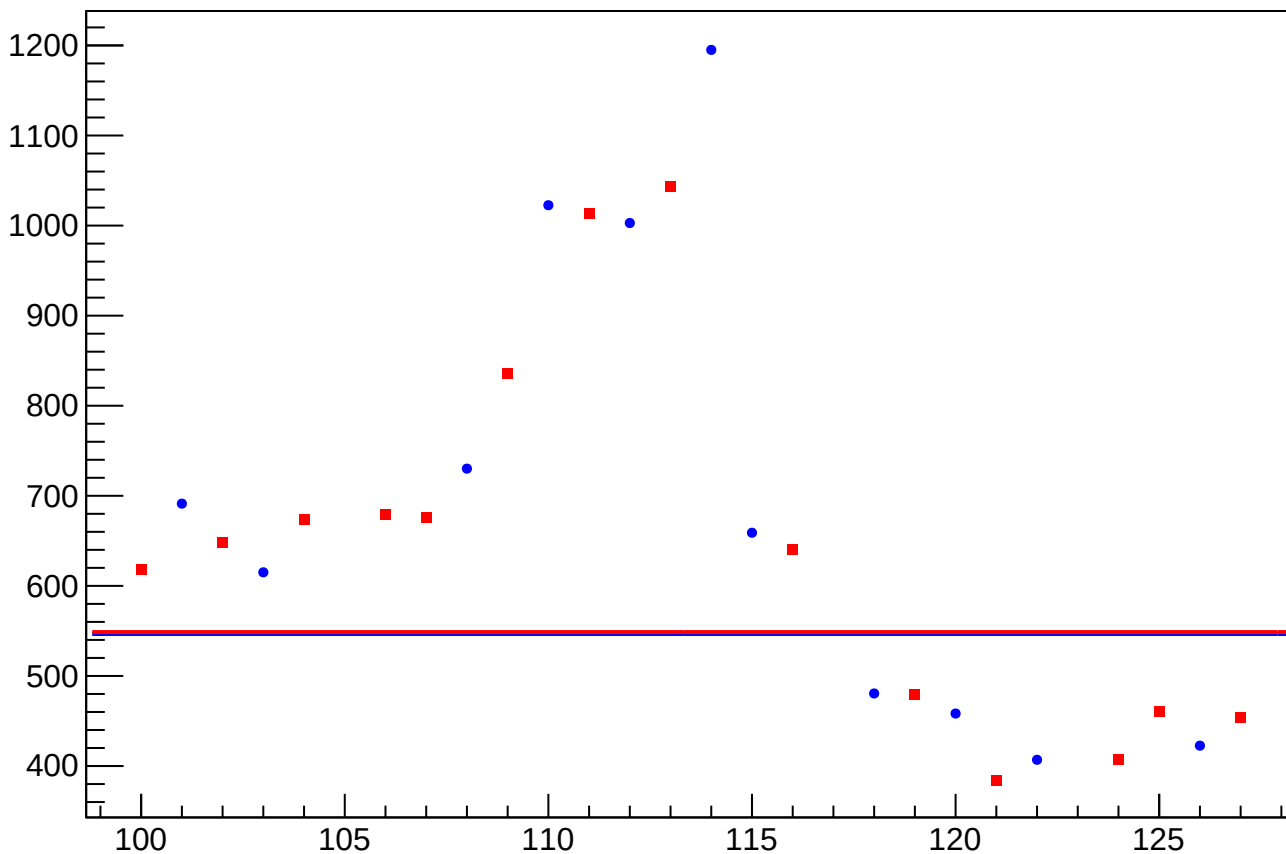
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -128.643 ± 181.787 χ^2/NDF : 18.6/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam1_reg_correction_rms vs Slug



Right In: 546.581+/-0.191 χ^2/NDF : 778872.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 548.715+/-0.174 χ^2/NDF : 926817.6/13

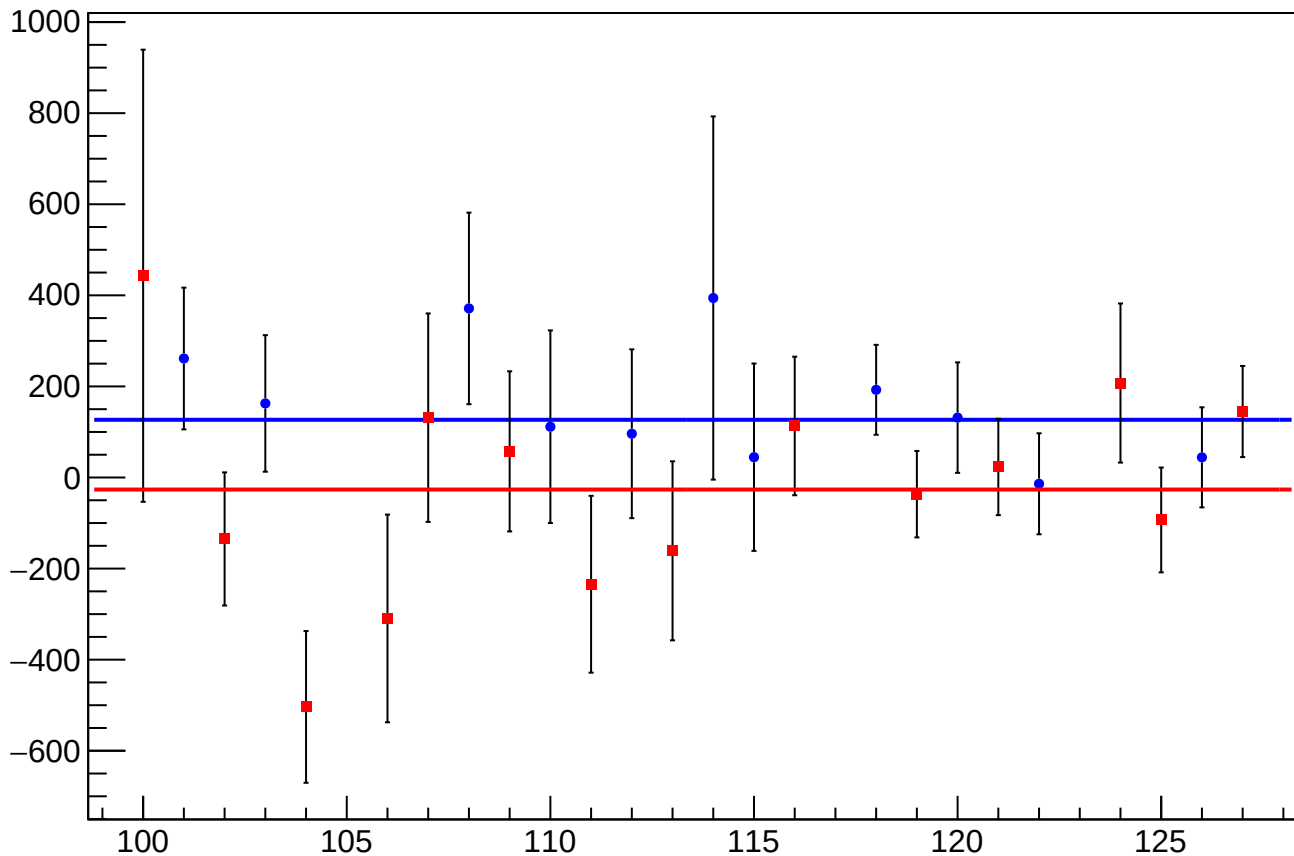
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 547.749+/-0.129 χ^2/NDF : 1705758.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam1_mean vs Slug



Right In: 126.733 $\pm$ 43.663 χ^2 /NDF: 5.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -26.450 $\pm$ 38.866 χ^2 /NDF: 19.6/13

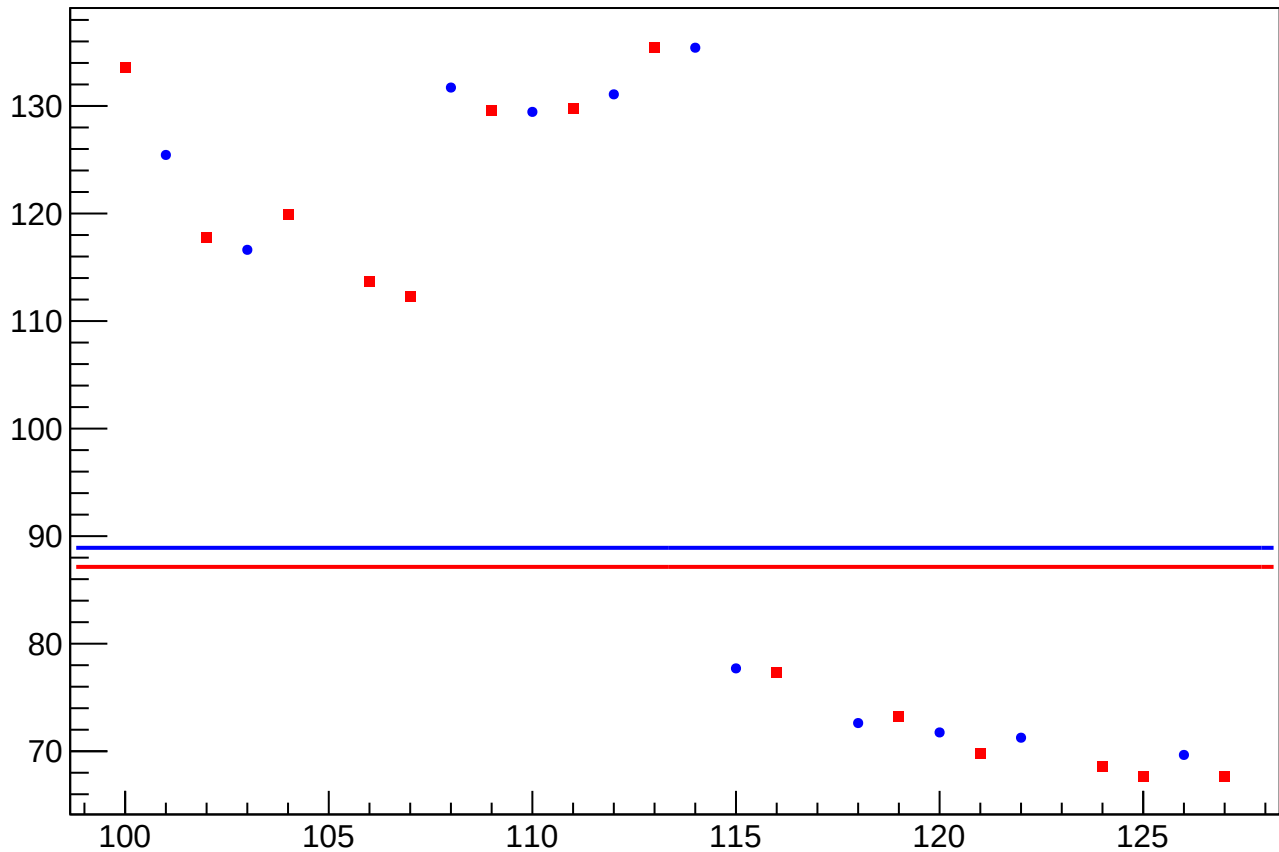
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 41.268 $\pm$ 29.031 χ^2 /NDF: 31.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam1_rms vs Slug



Right In: 88.915 $\pm$ 0.031 χ^2 /NDF: 678205.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 87.142 $\pm$ 0.027 χ^2 /NDF: 829073.7/13

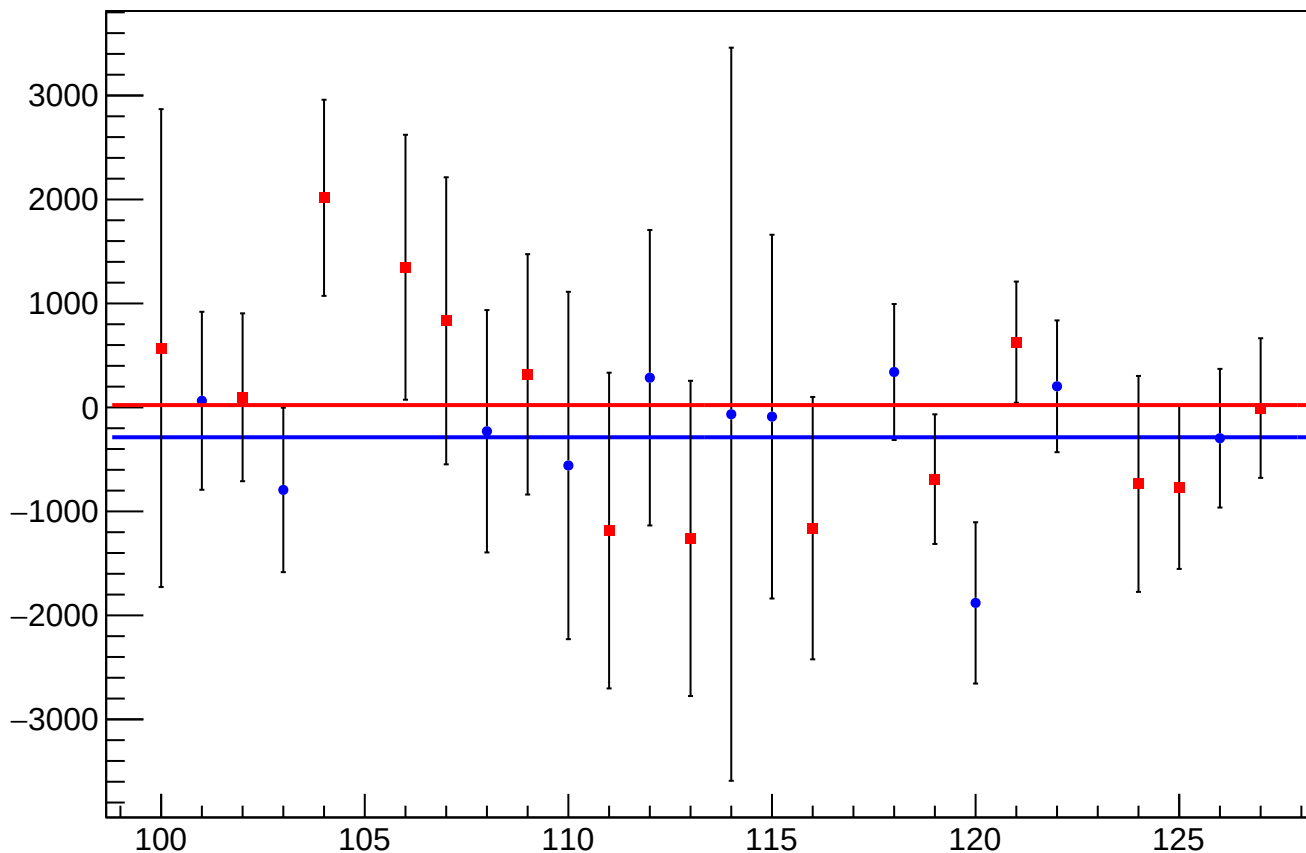
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 87.926 $\pm$ 0.021 χ^2 /NDF: 1509119.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_cor_correction_mean vs Slug



Right In: -286.839 ± 270.170 χ^2/NDF : 6.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 22.554 ± 246.029 χ^2/NDF : 12.2/13

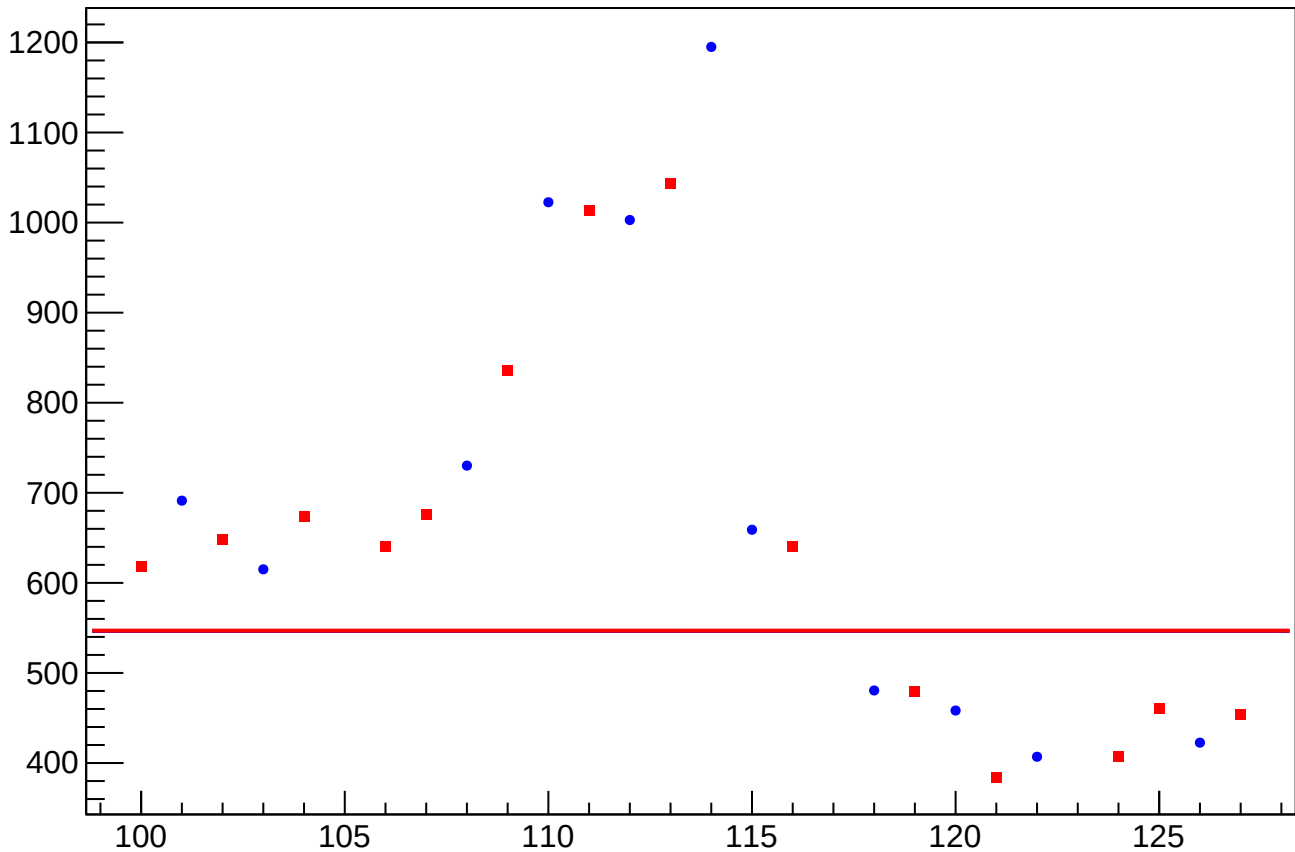
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -117.705 ± 181.906 χ^2/NDF : 19.4/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam1_cor_correction_rms vs Slug



Right In: 546.581+/-0.191 χ^2/NDF : 778872.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 546.940+/-0.174 χ^2/NDF : 914609.5/13

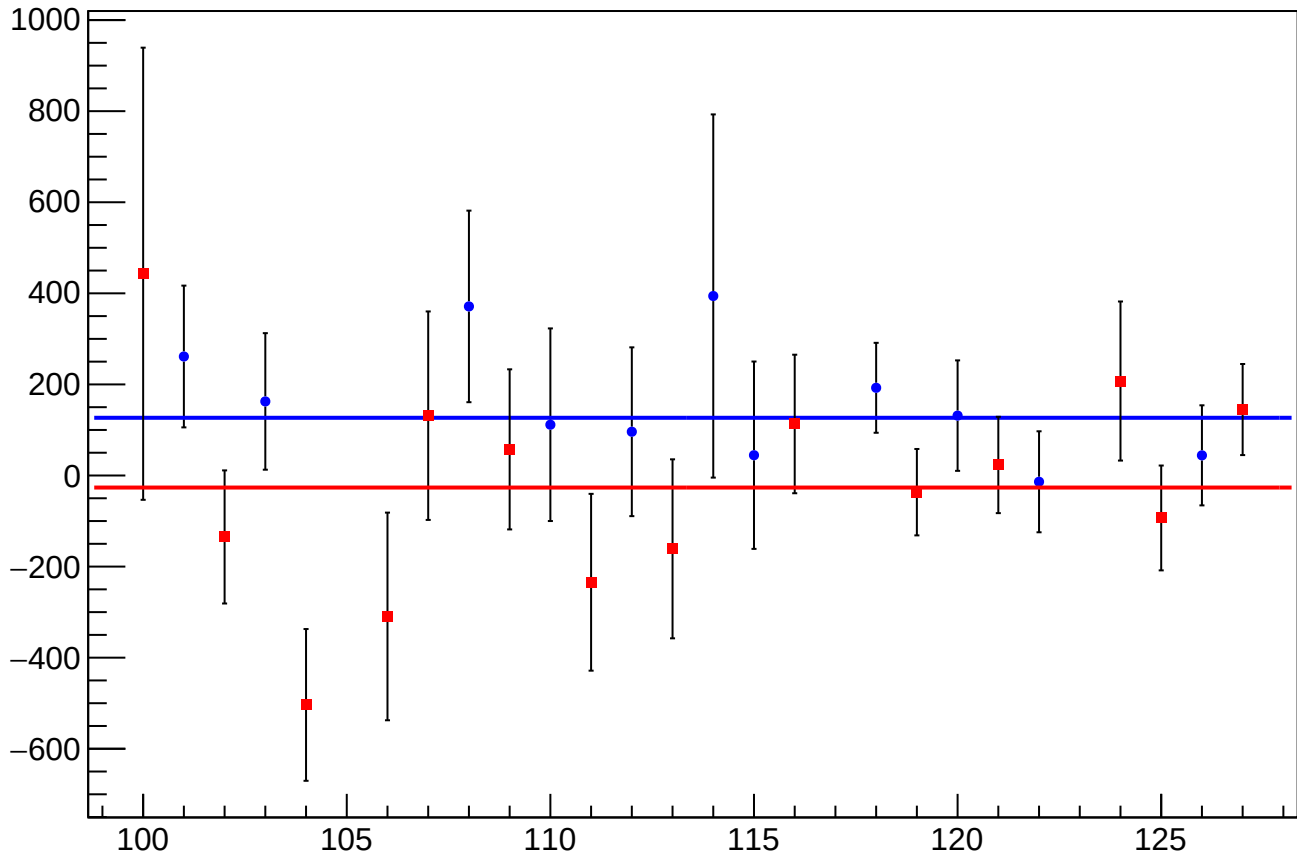
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 546.777+/-0.129 χ^2/NDF : 1693484.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam1_mean vs Slug



Right In: 126.733 $\pm$ 43.663 χ^2 /NDF: 5.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -26.450 $\pm$ 38.866 χ^2 /NDF: 19.6/13

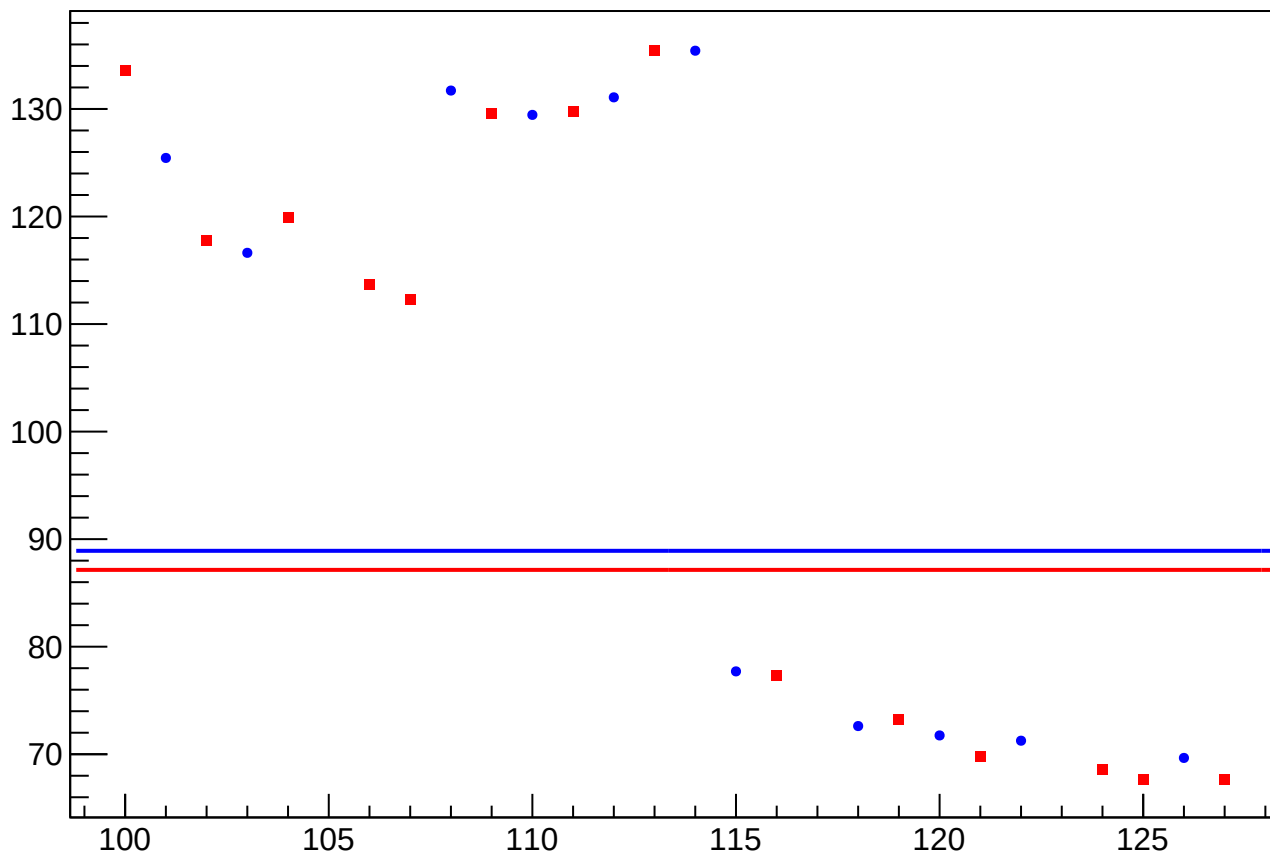
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 41.268 $\pm$ 29.031 χ^2 /NDF: 31.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam1_rms vs Slug



Right In: 88.915 $\pm$ 0.031 χ^2 /NDF: 678205.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 87.142 $\pm$ 0.027 χ^2 /NDF: 829073.7/13

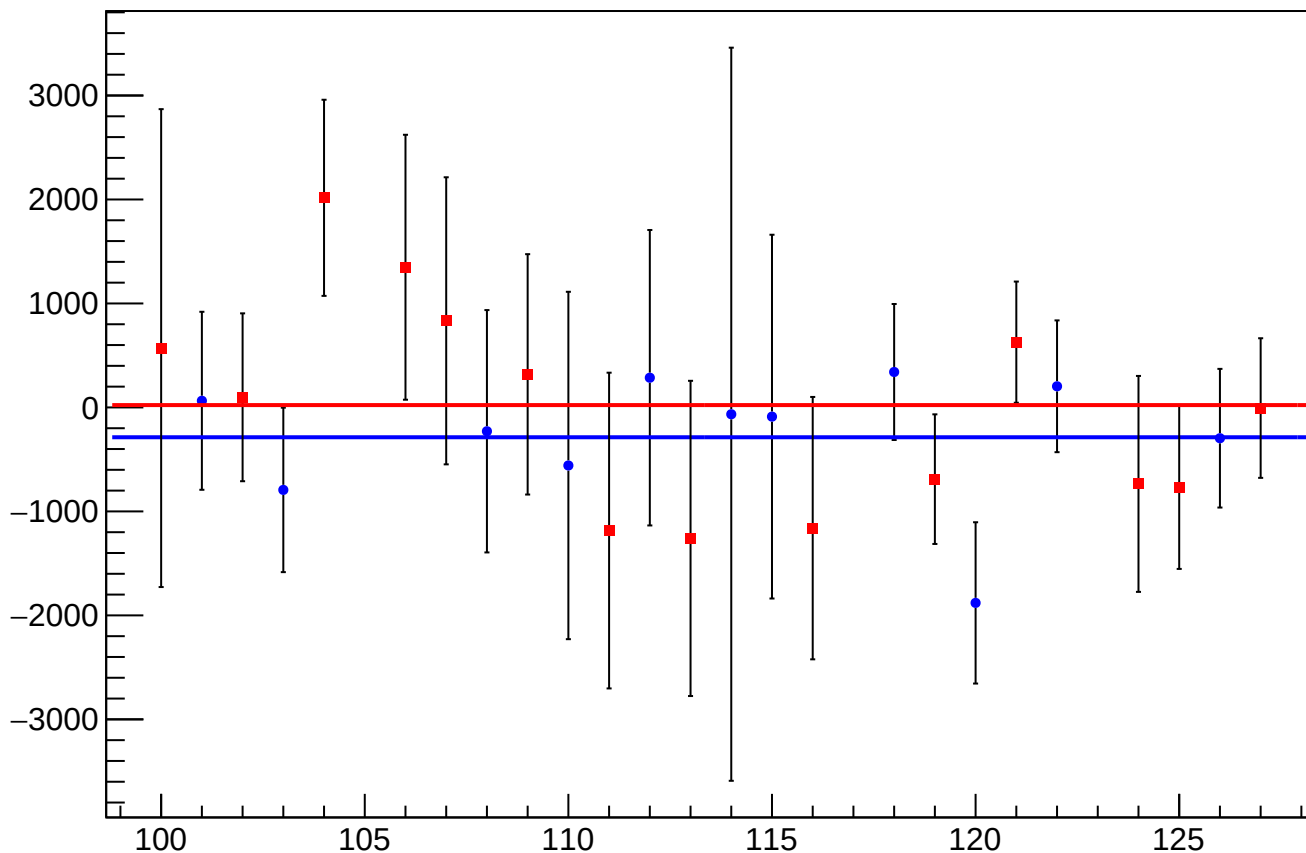
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 87.926 $\pm$ 0.021 χ^2 /NDF: 1509119.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_eigen_cor_correction_mean vs Slug



Right In: -286.839+/-270.170 χ^2/NDF : 6.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.554+/-246.029 χ^2/NDF : 12.2/13

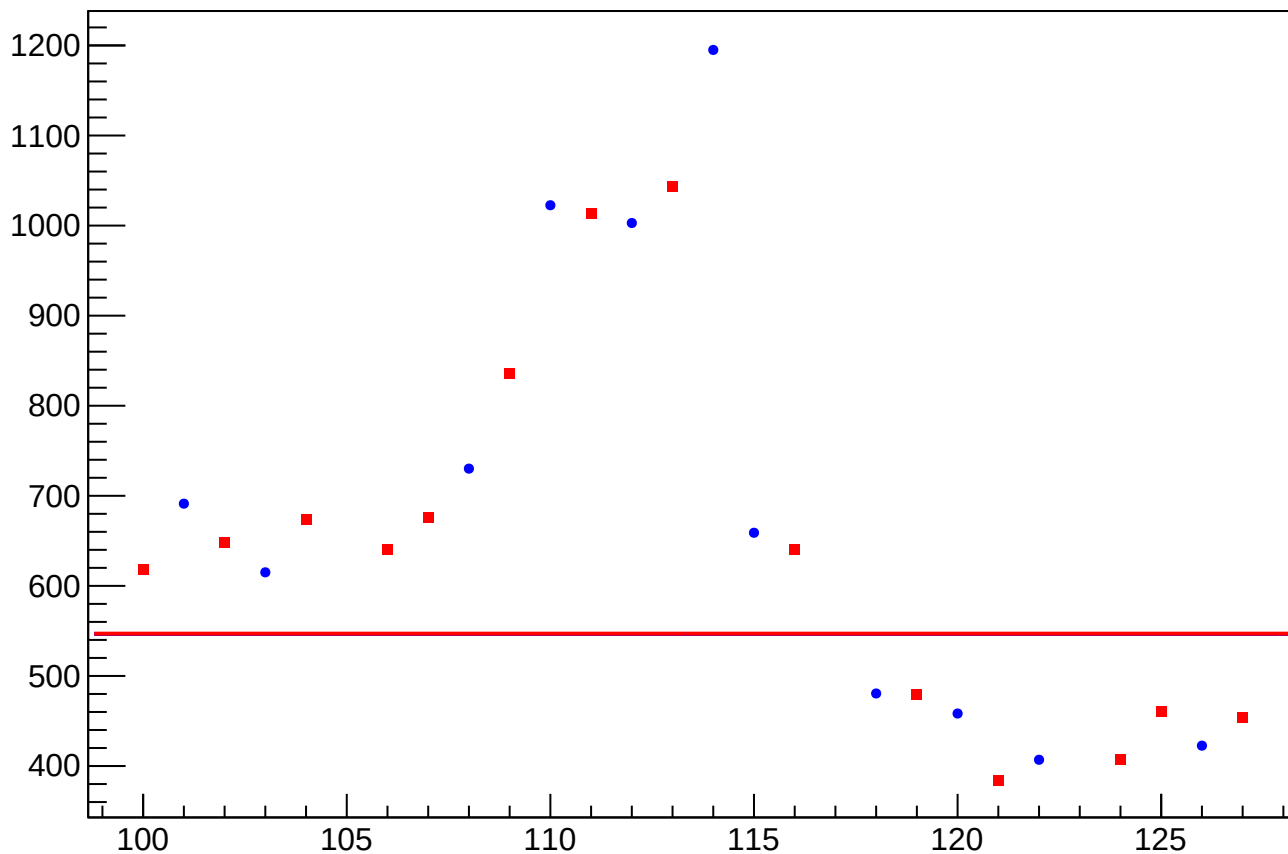
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -117.705+/-181.906 χ^2/NDF : 19.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_cor_correction_rms vs Slug



Right In: 546.581+/-0.191 χ^2/NDF : 778872.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 546.940+/-0.174 χ^2/NDF : 914609.5/13

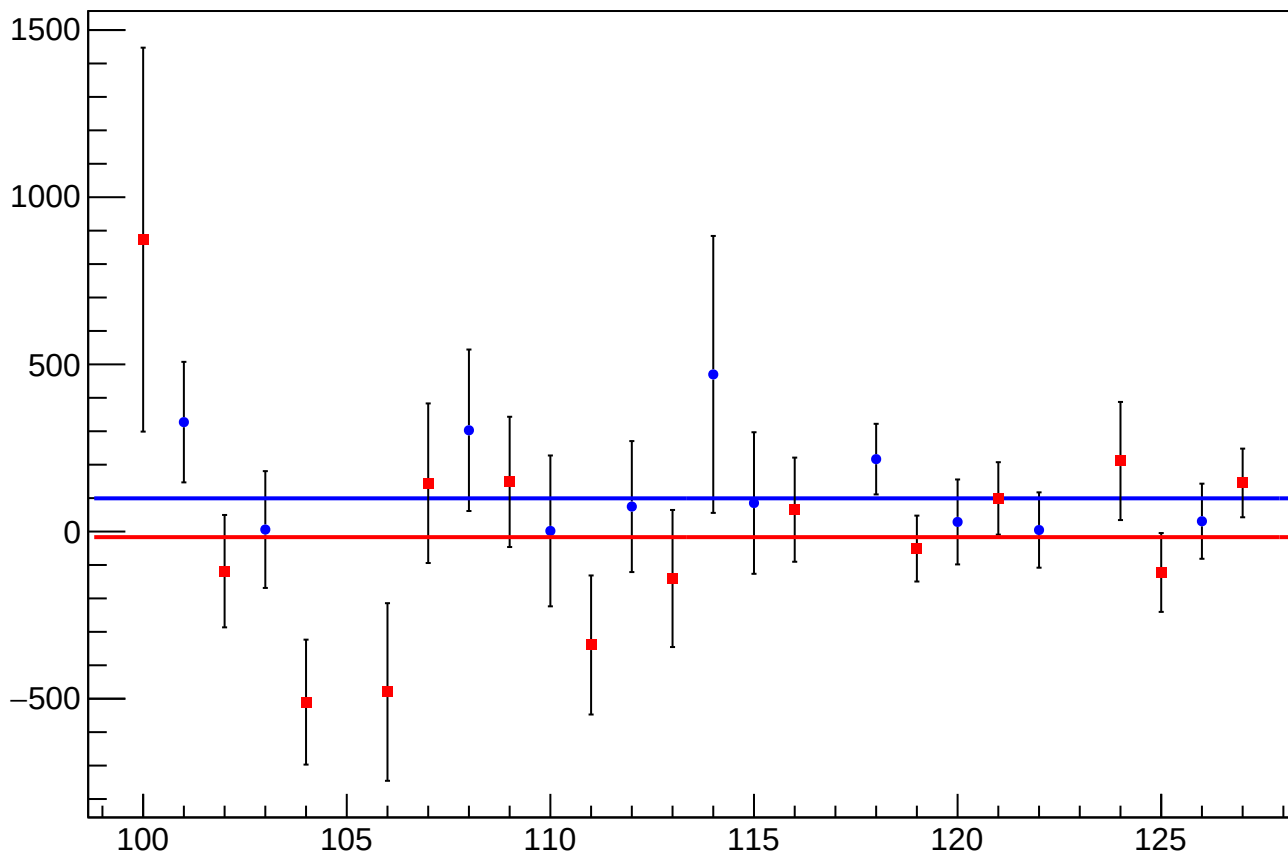
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 546.777+/-0.129 χ^2/NDF : 1693484.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam1_mean vs Slug



Right In: 99.344+/-46.412 χ^2/NDF : 6.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.732+/-40.816 χ^2/NDF : 23.2/13

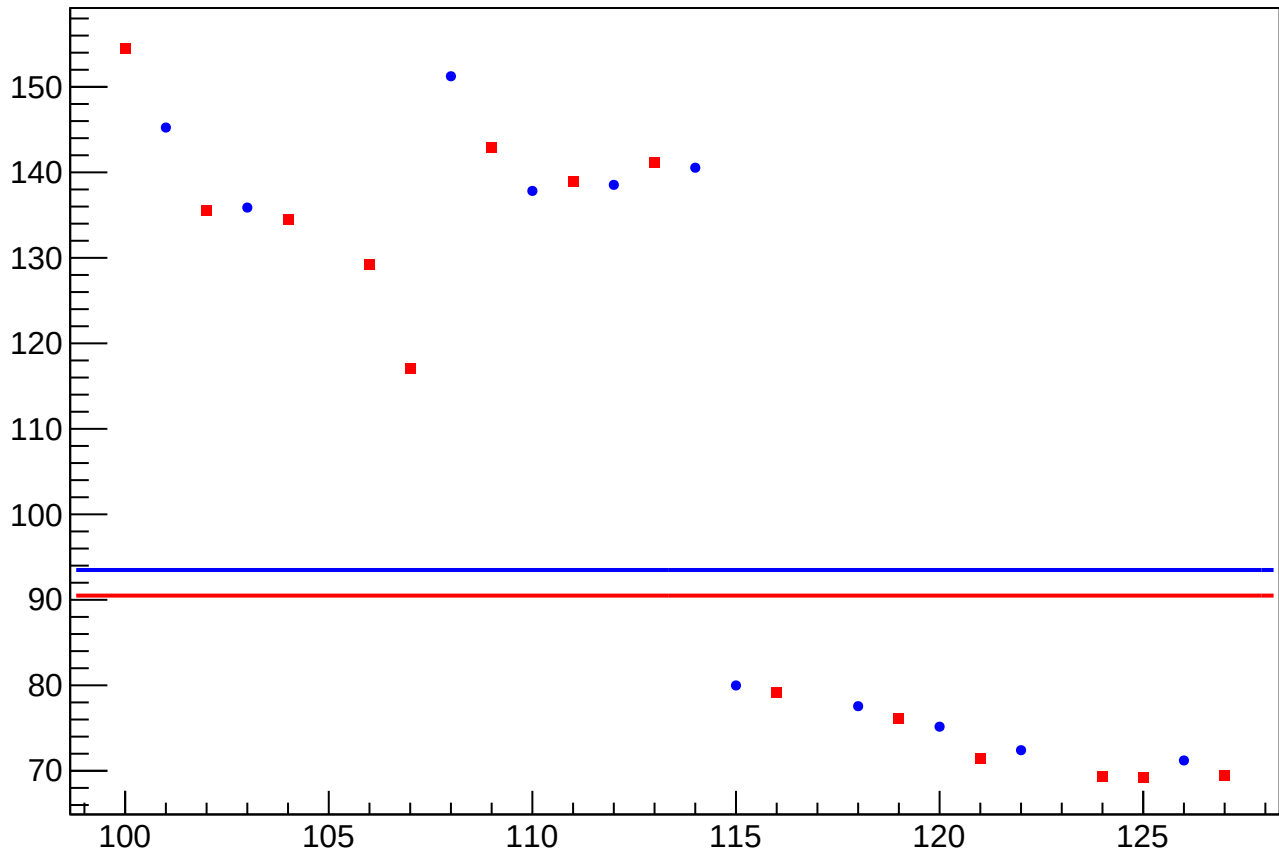
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.890+/-30.650 χ^2/NDF : 33.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam1_rms vs Slug



Right In: 93.490+/-0.033 χ^2/NDF : 849880.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.496+/-0.029 χ^2/NDF : 1014208.4/13

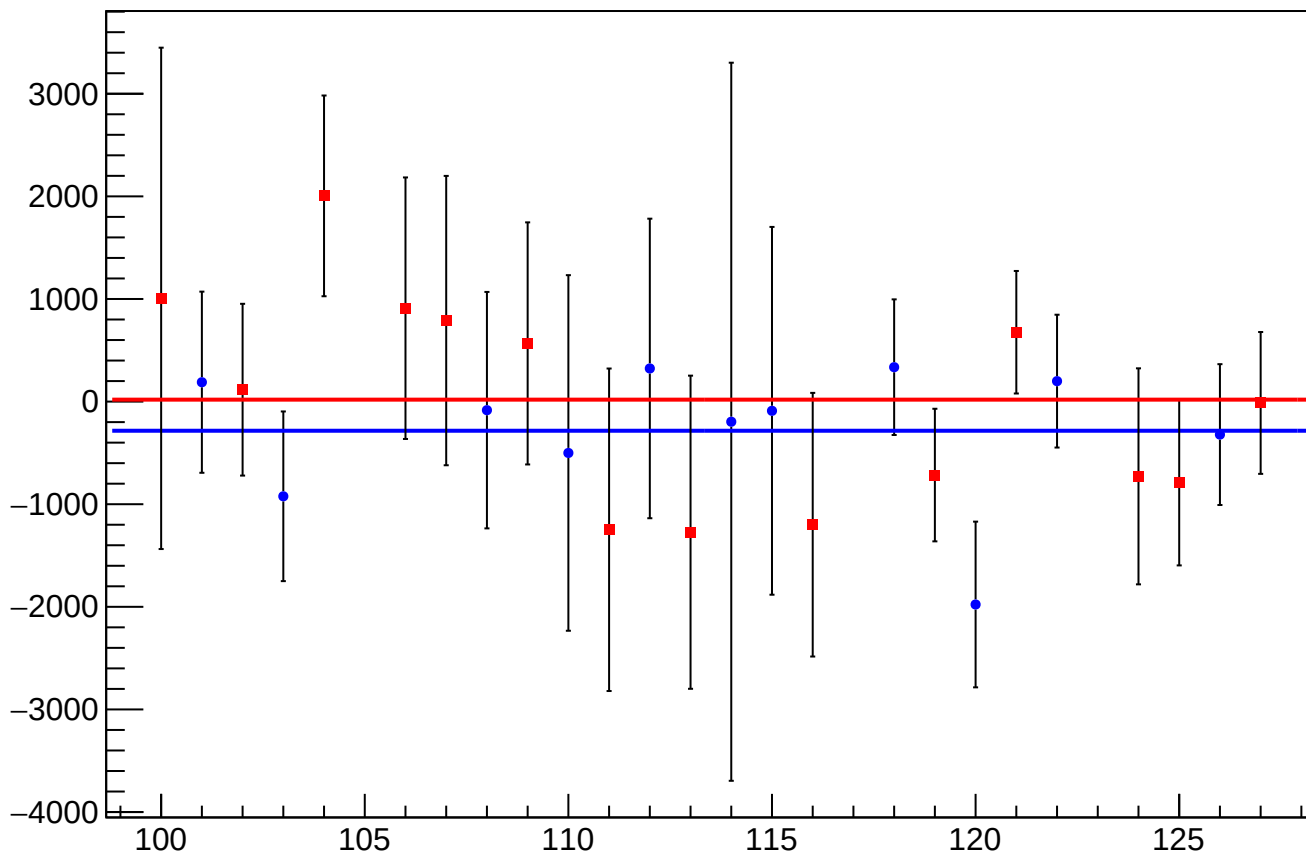
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.802+/-0.022 χ^2/NDF : 1868782.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_dit_correction_mean vs Slug



Right In: -284.052+/-277.038 χ^2/NDF : 7.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.003+/-252.760 χ^2/NDF : 11.6/13

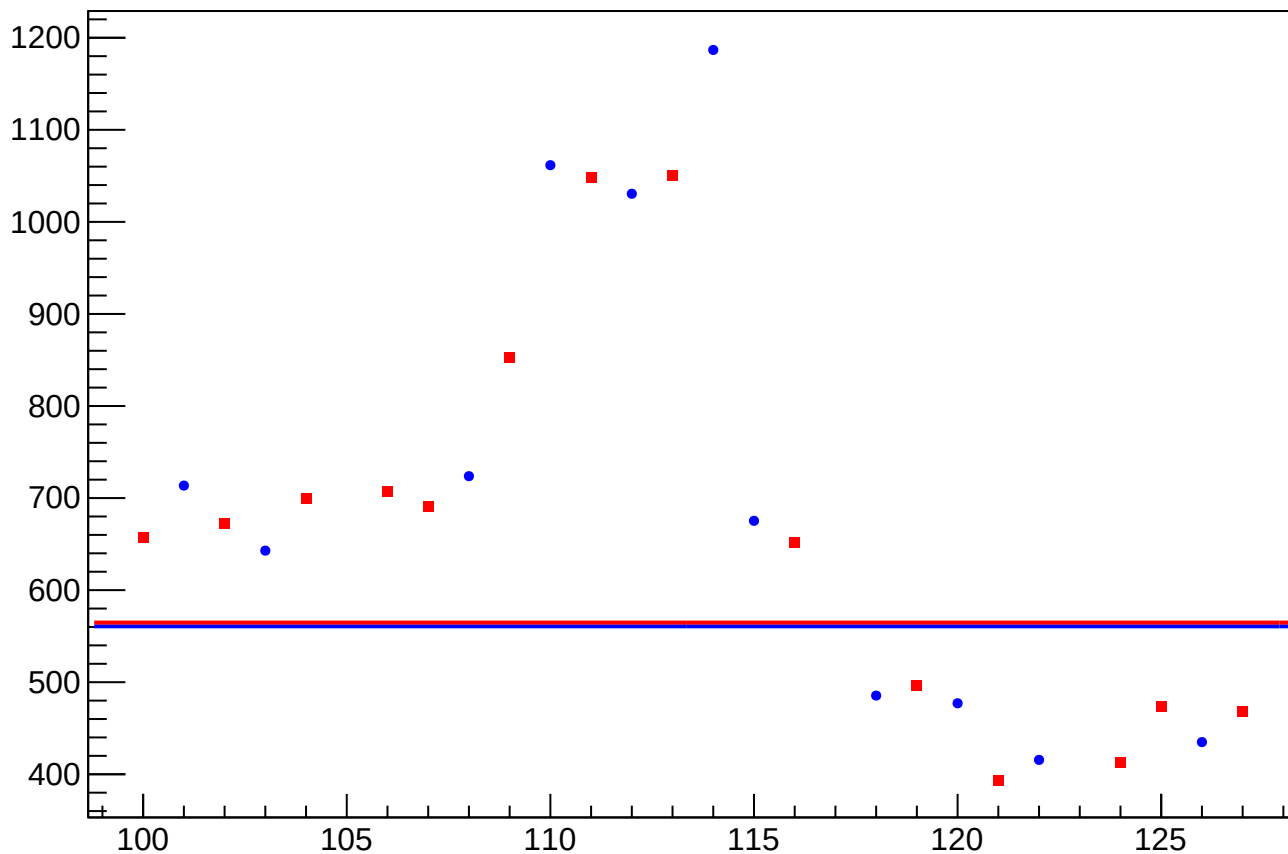
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -118.667+/-186.722 χ^2/NDF : 19.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_dit_correction_rms vs Slug



Right In: 560.676 $\pm$ 0.196 χ^2 /NDF: 781401.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 564.794 $\pm$ 0.179 χ^2 /NDF: 928449.2/13

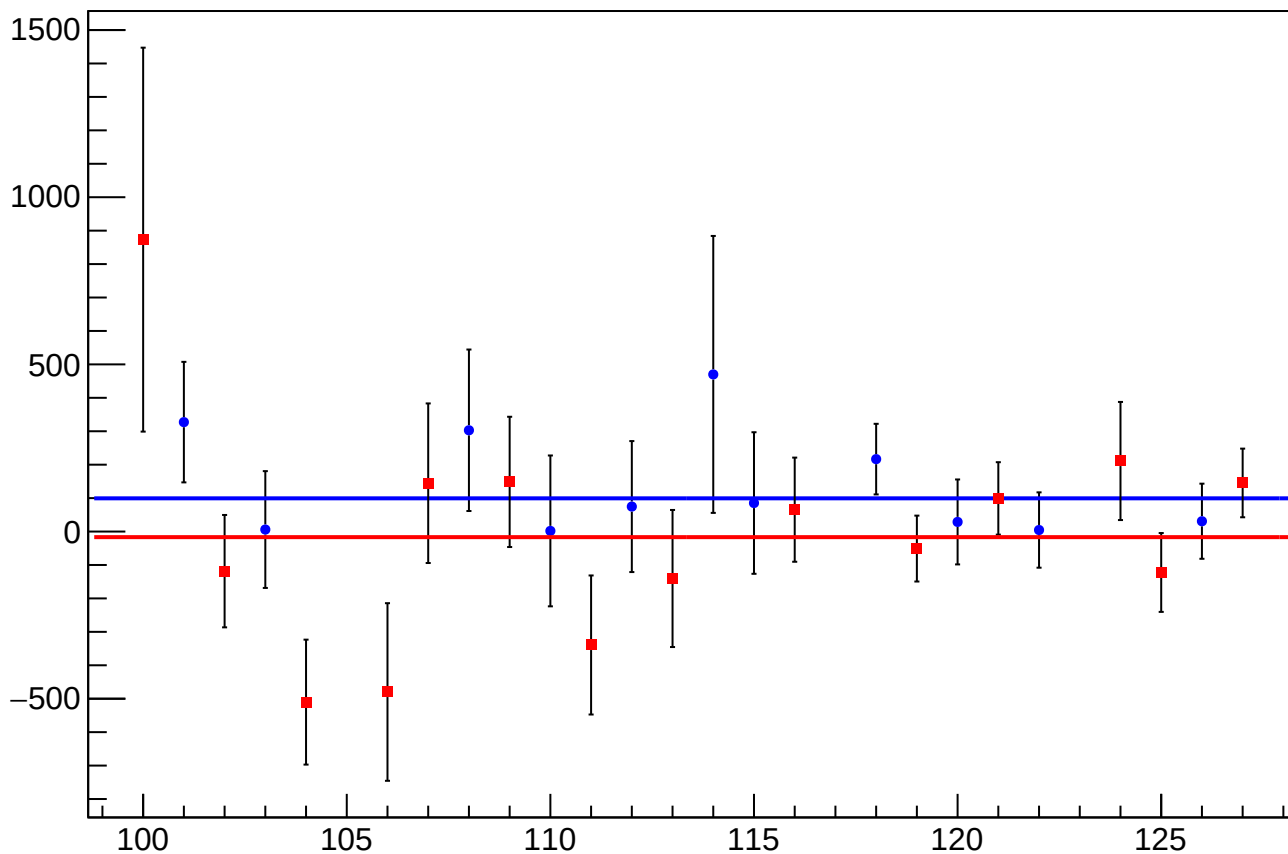
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 562.924 $\pm$ 0.132 χ^2 /NDF: 1710091.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam1_mean vs Slug



Right In: 99.344+/-46.412 χ^2/NDF : 6.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.731+/-40.816 χ^2/NDF : 23.2/13

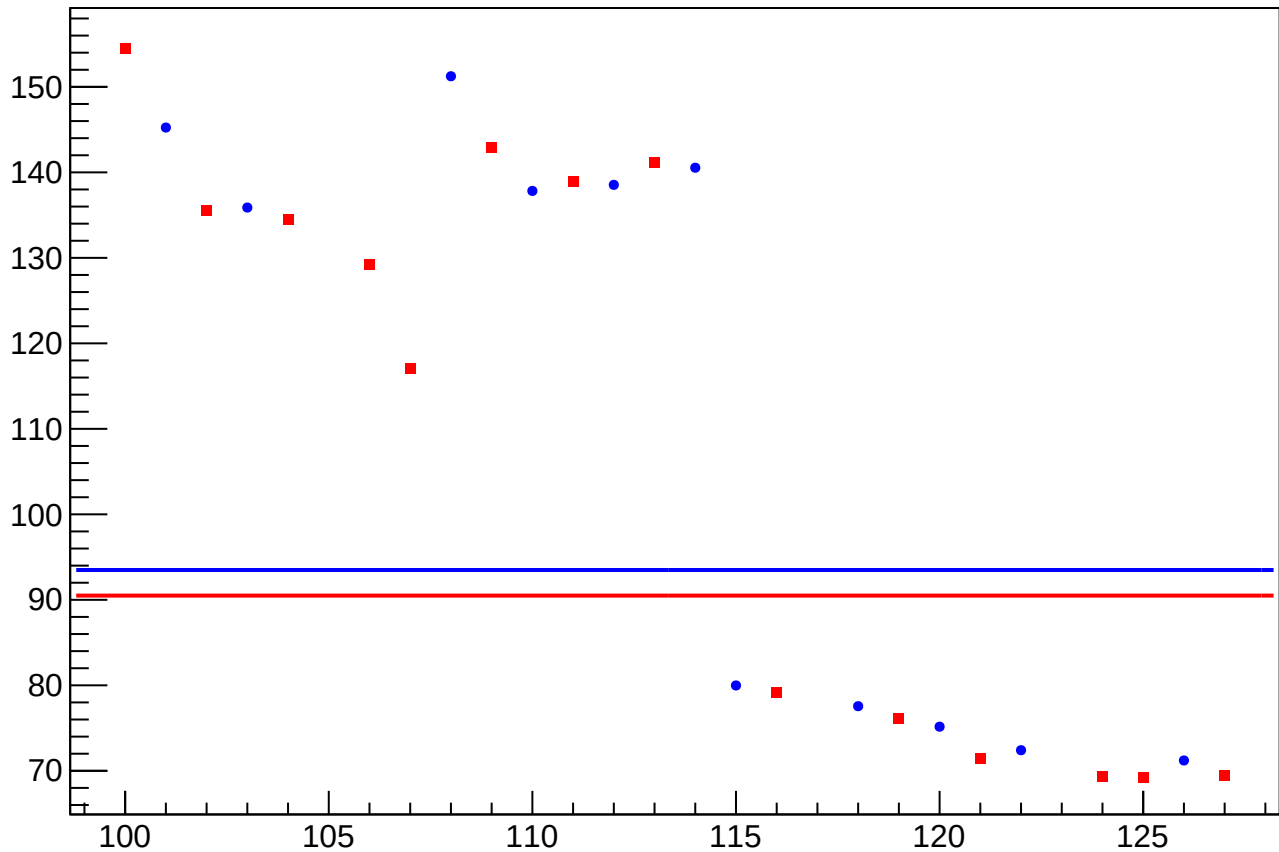
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.891+/-30.650 χ^2/NDF : 33.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam1_rms vs Slug



Right In: 93.490+/-0.033 χ^2/NDF : 849881.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.496+/-0.029 χ^2/NDF : 1014208.3/13

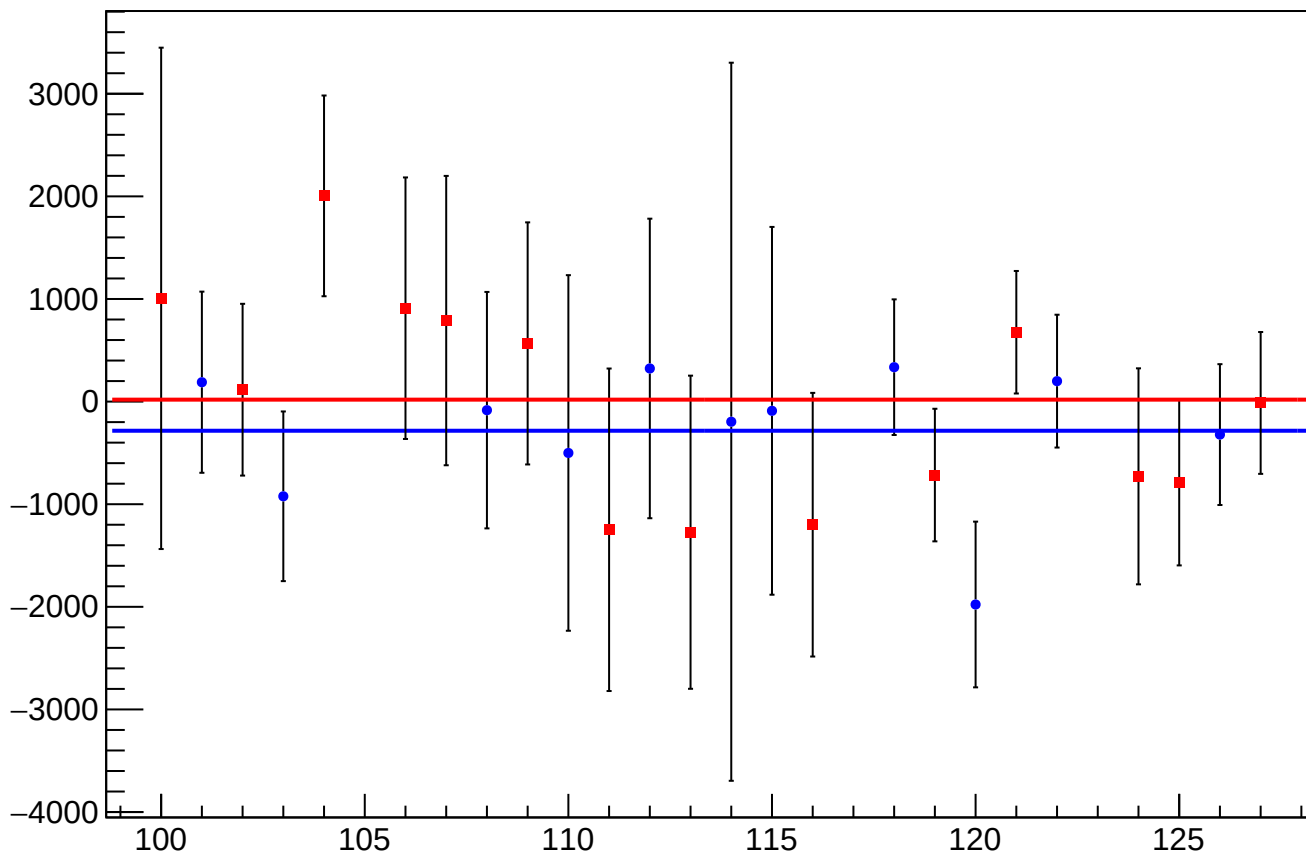
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.802+/-0.022 χ^2/NDF : 1868782.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_dit_correction_mean vs Slug



Right In: -284.052+/-277.037 χ^2/NDF : 7.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.003+/-252.760 χ^2/NDF : 11.6/13

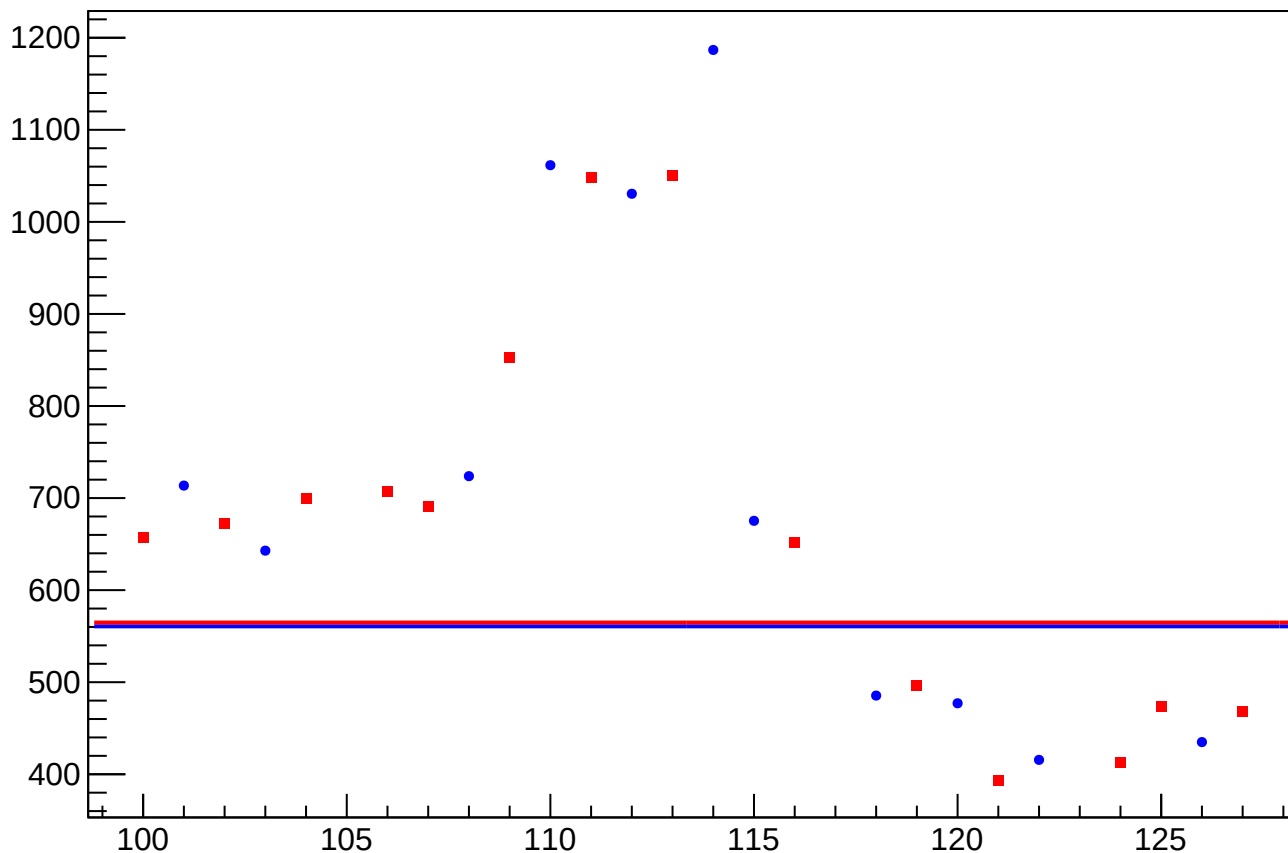
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -118.666+/-186.722 χ^2/NDF : 19.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_dit_correction_rms vs Slug



Right In: 560.676+/-0.196 χ^2/NDF : 781402.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 564.793+/-0.179 χ^2/NDF : 928450.5/13

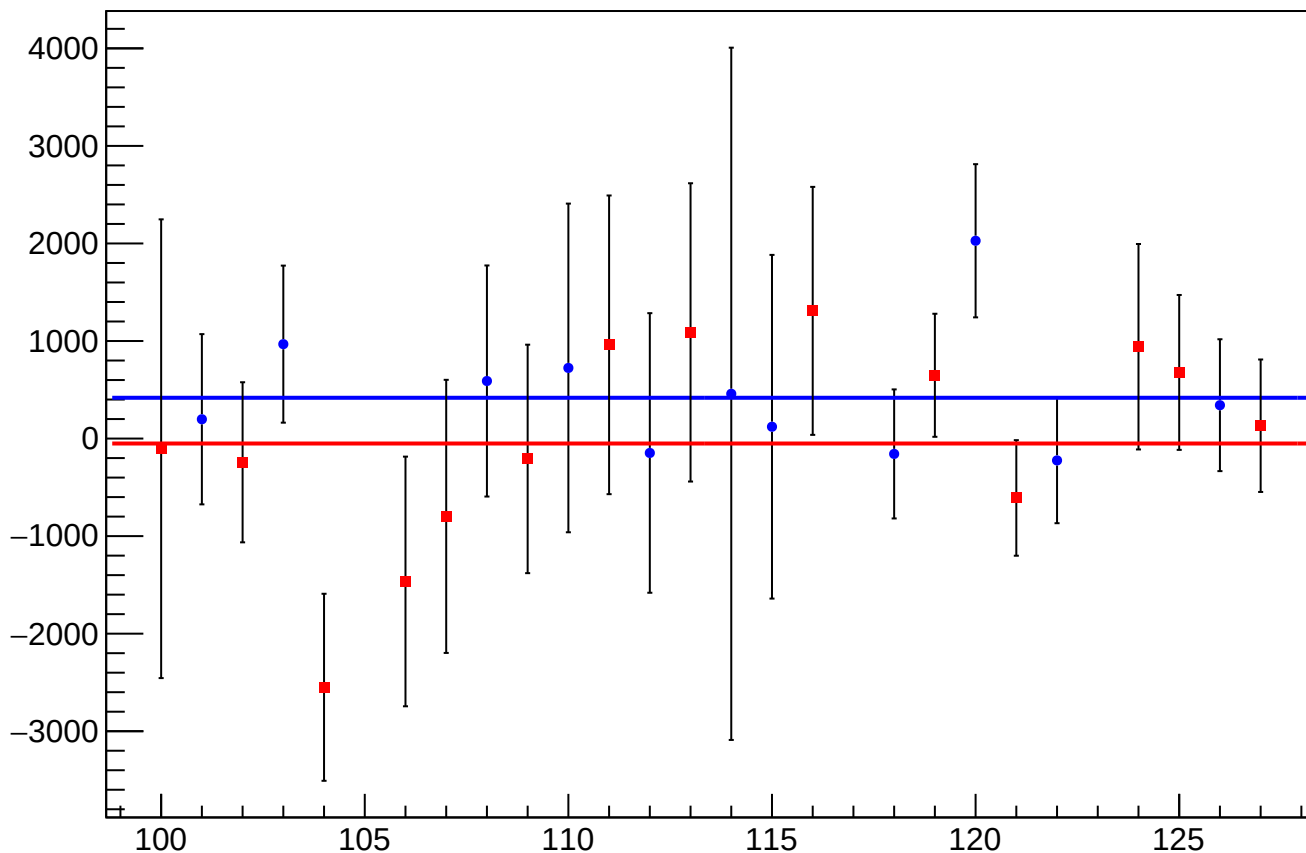
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 562.923+/-0.132 χ^2/NDF : 1710094.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_mean vs Slug



Right In: 418.172+/-273.992 χ^2/NDF : 6.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -50.718+/-249.221 χ^2/NDF : 14.4/13

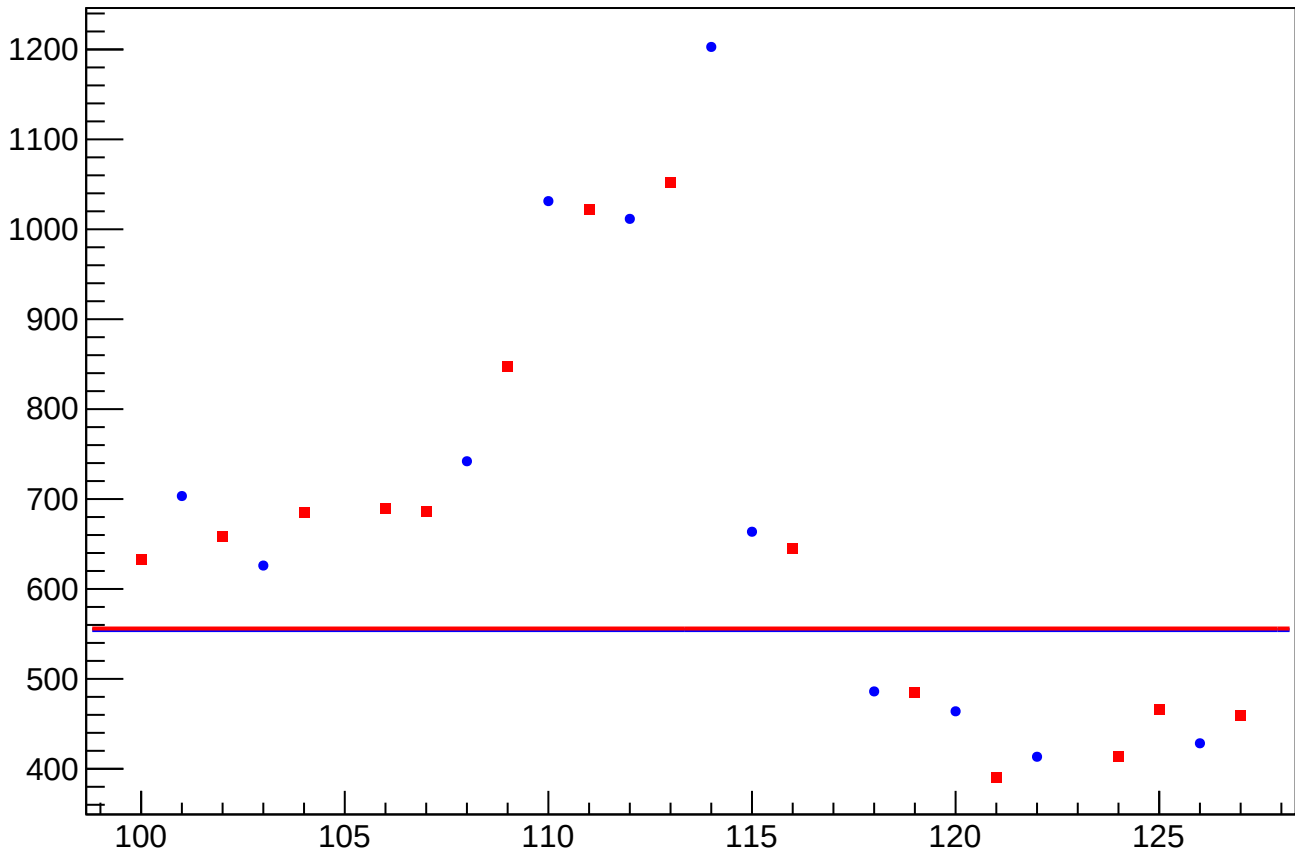
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.578+/-184.363 χ^2/NDF : 22.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_rms vs Slug



Right In: 554.273+/-0.194 χ^2/NDF : 776039.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 556.022+/-0.176 χ^2/NDF : 922527.7/13

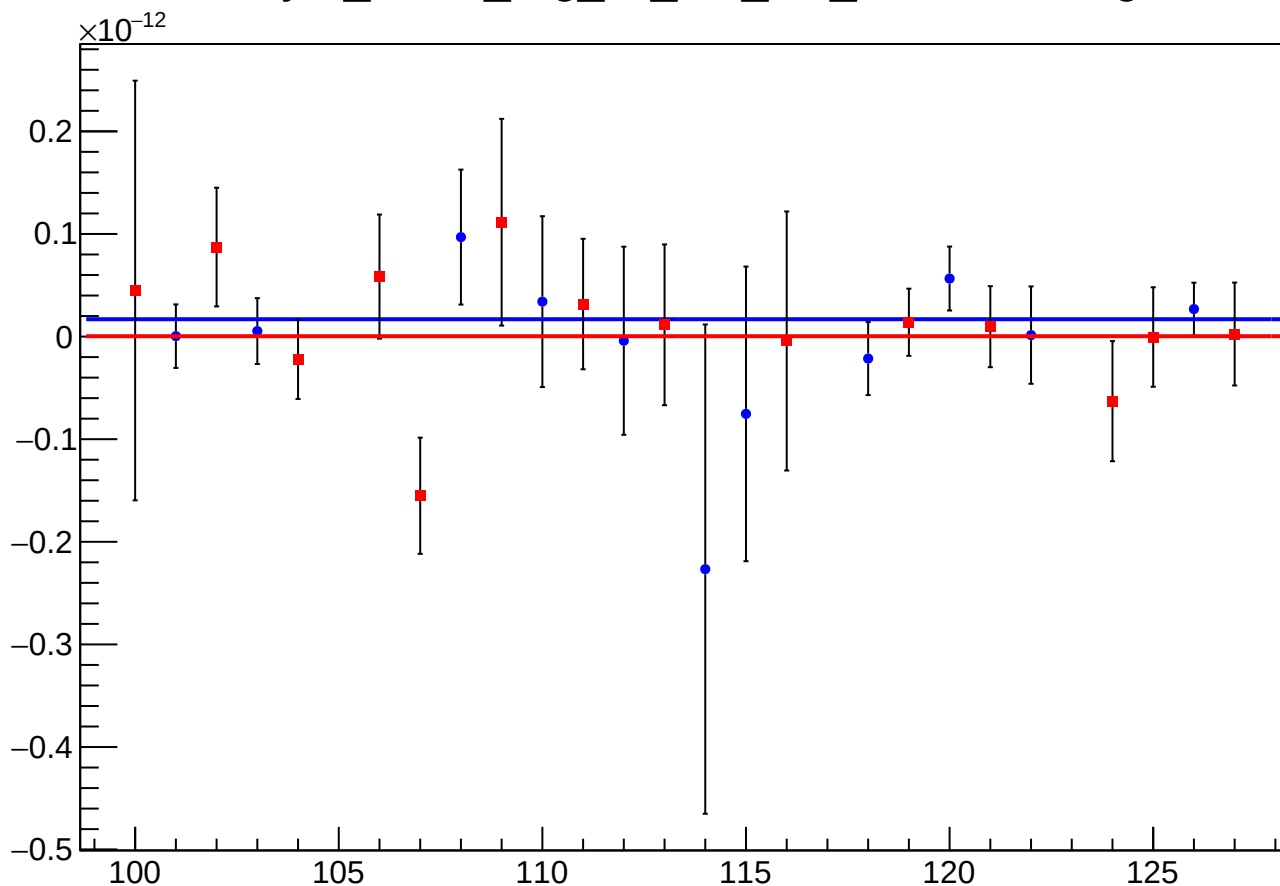
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 555.230+/-0.130 χ^2/NDF : 1698612.2/24

- sign 0.000+/-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: 6.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.0/13

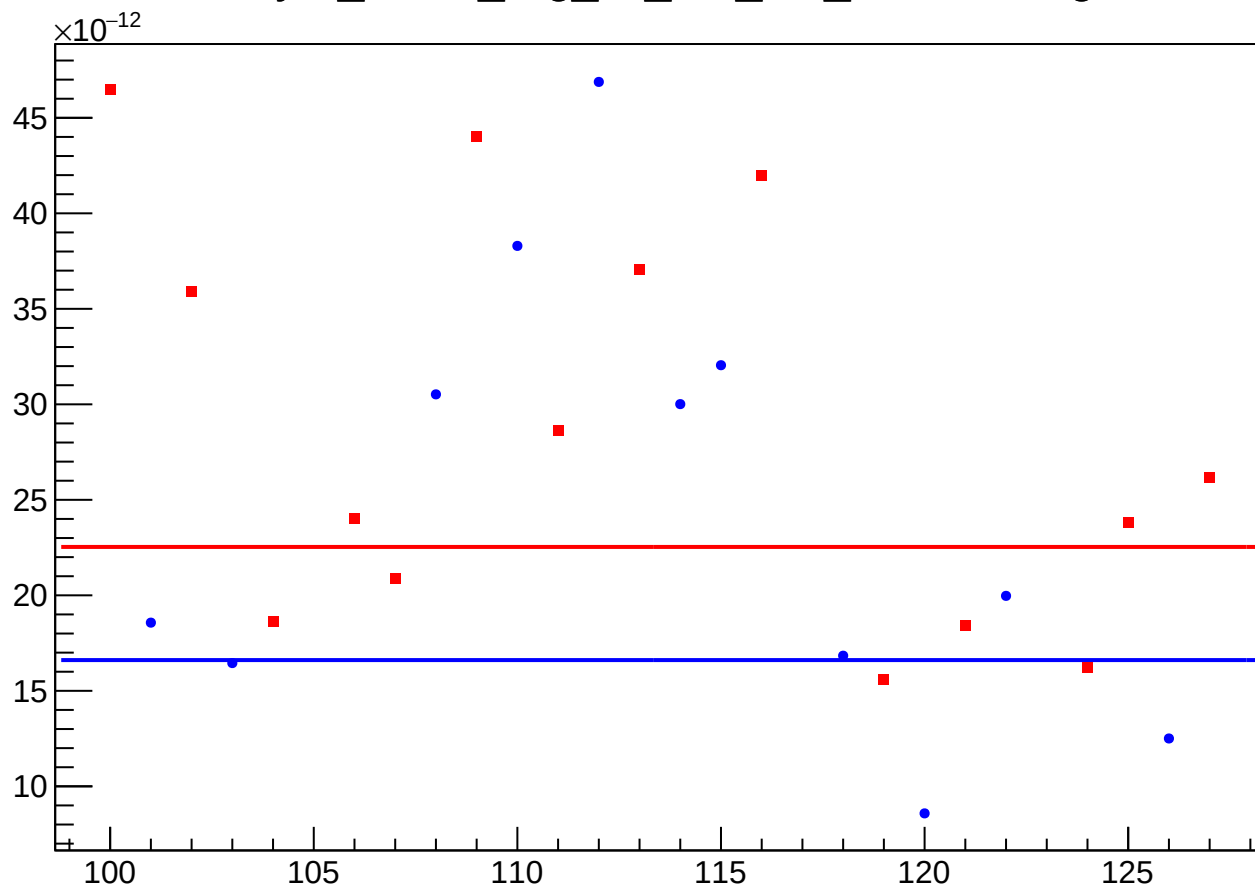
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 21.2/24

- 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 : 674794.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 530898.7/13

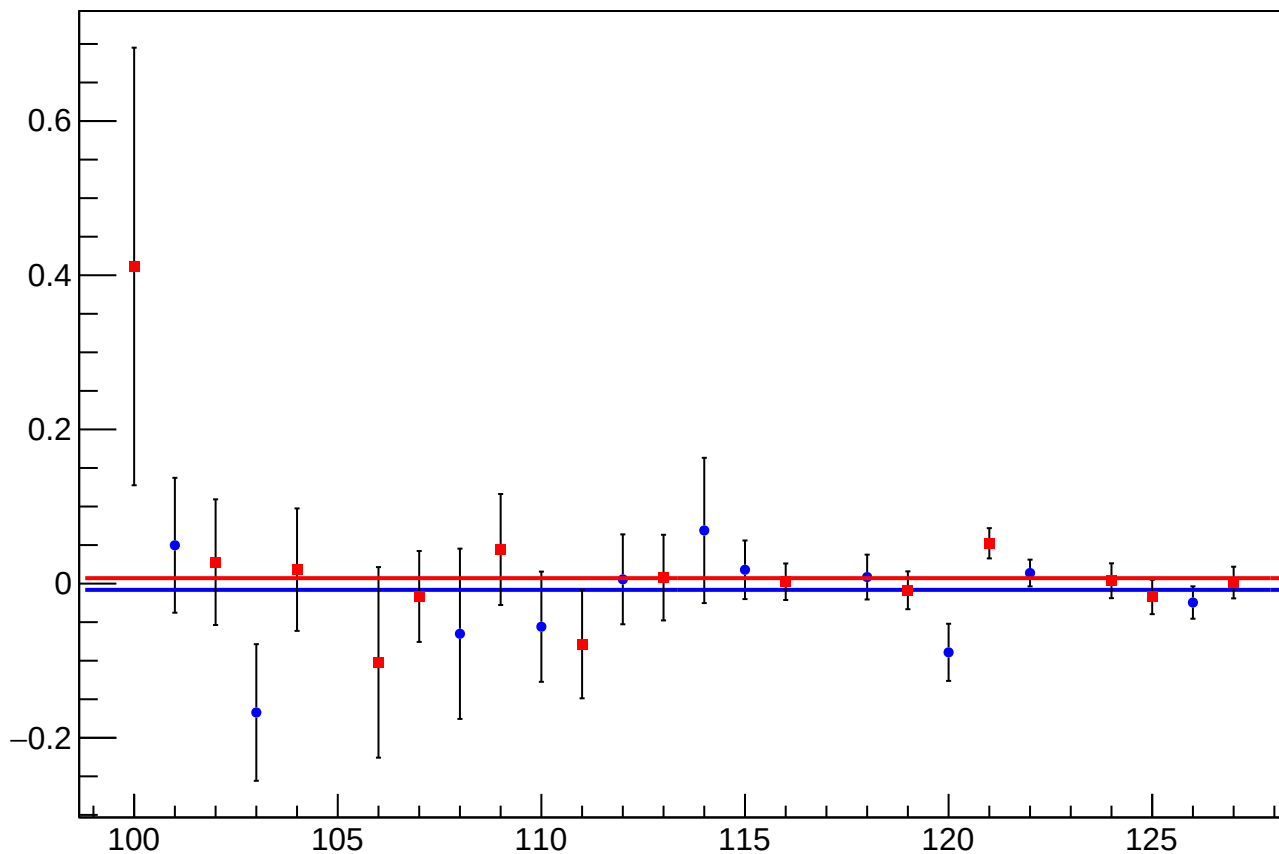
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1398681.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_dit_vs_cor_diff_mean vs Slug



Right In: -0.008 ± 0.010 χ^2/NDF : 12.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.007 ± 0.009 χ^2/NDF : 11.9/13

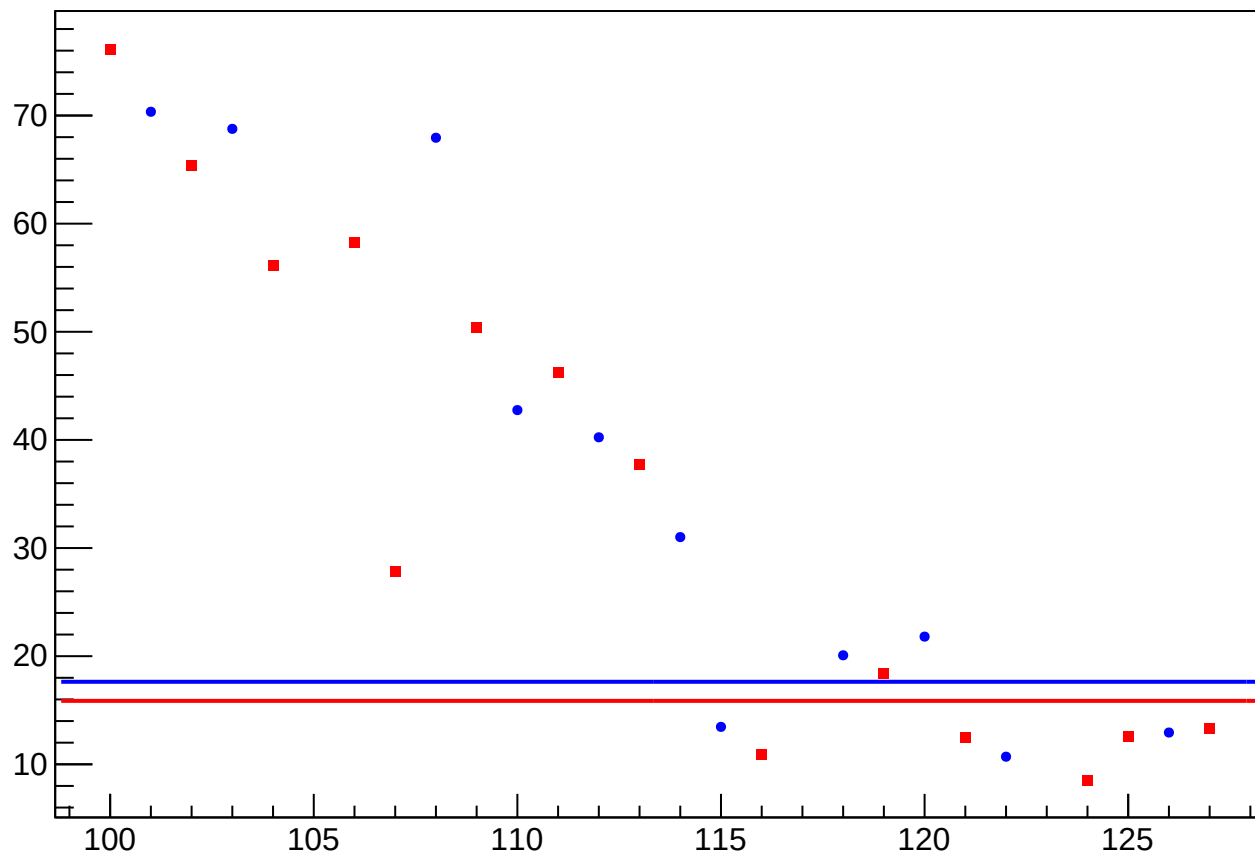
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.001 ± 0.007 χ^2/NDF : 26.0/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam1_dit_vs_cor_diff_rms vs Slug



Right In: 17.632 $\pm$ 0.007 χ^2 /NDF: 2877731.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 15.867 $\pm$ 0.006 χ^2 /NDF: 3257326.4/13

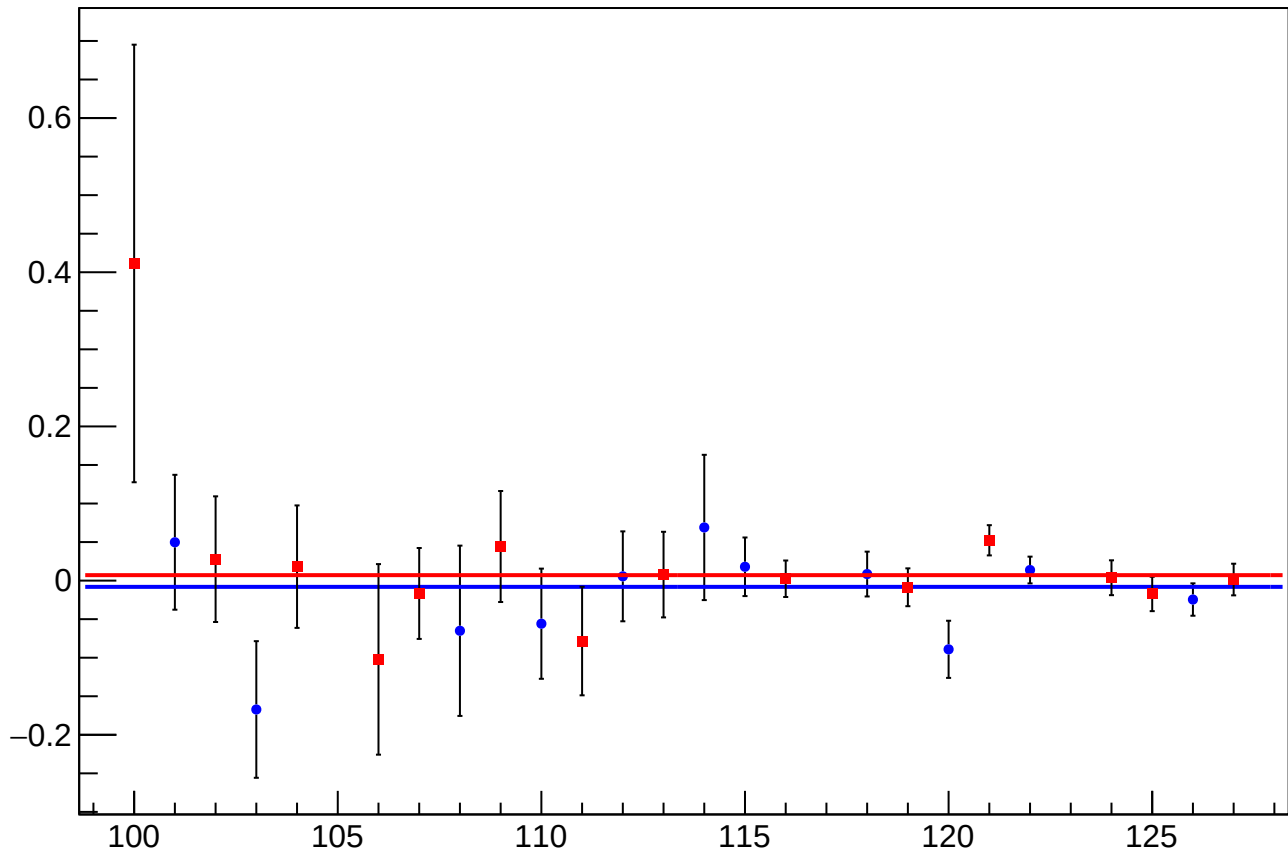
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.570 $\pm$ 0.005 χ^2 /NDF: 6169316.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.008 ± 0.010 χ^2/NDF : 12.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.007 ± 0.009 χ^2/NDF : 11.9/13

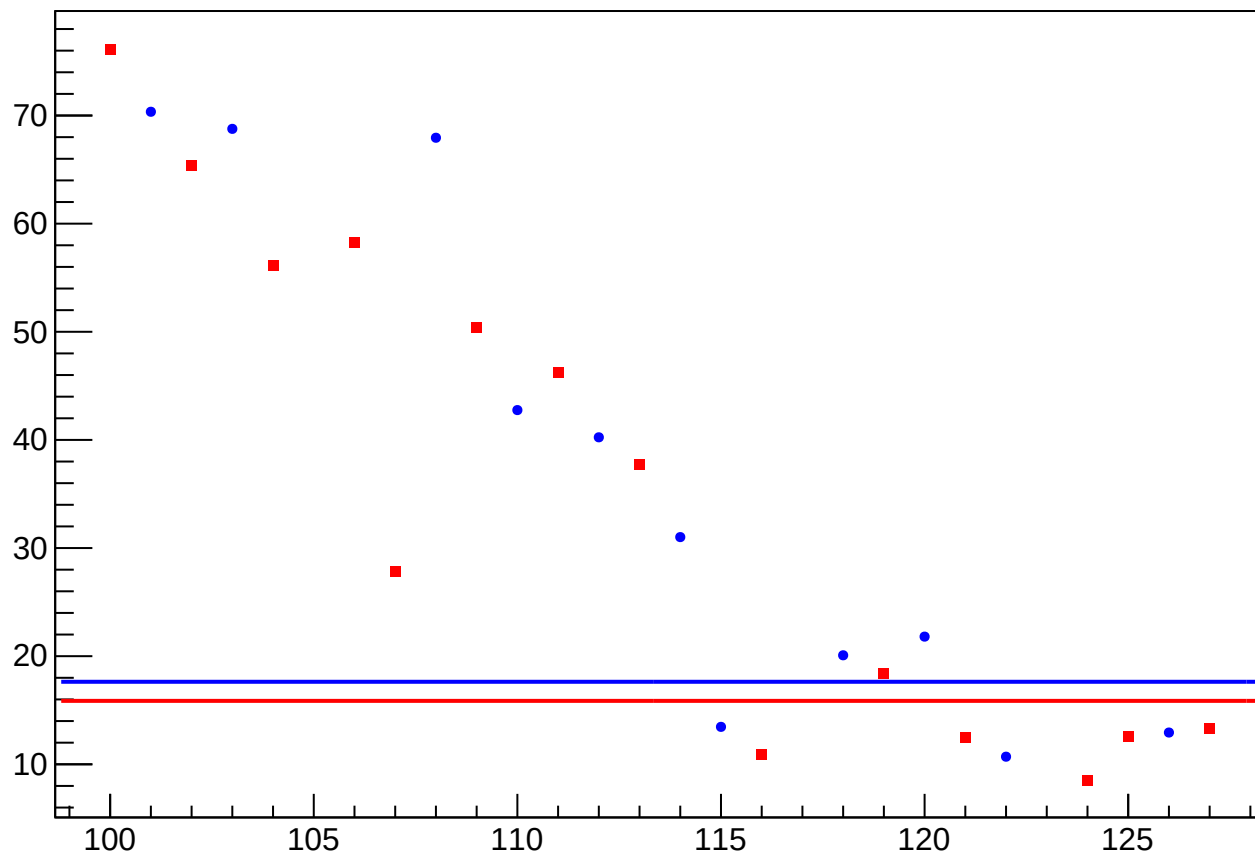
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.001 ± 0.007 χ^2/NDF : 26.0/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam1_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 17.632+/-0.007 χ^2/NDF : 2877731.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.867+/-0.006 χ^2/NDF : 3257326.4/13

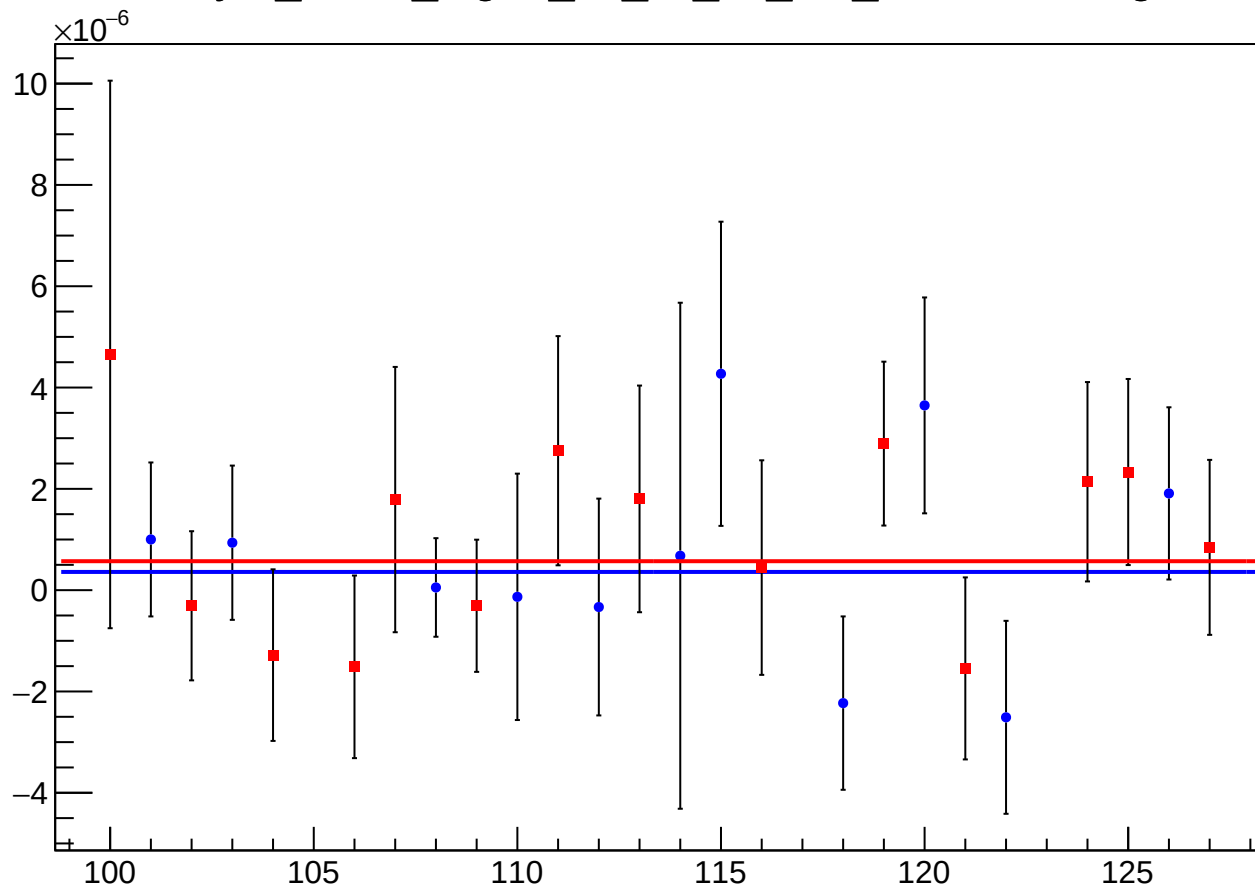
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.570+/-0.005 χ^2/NDF : 6169316.5/24

- sign 0.000+/-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: 10.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.4/13

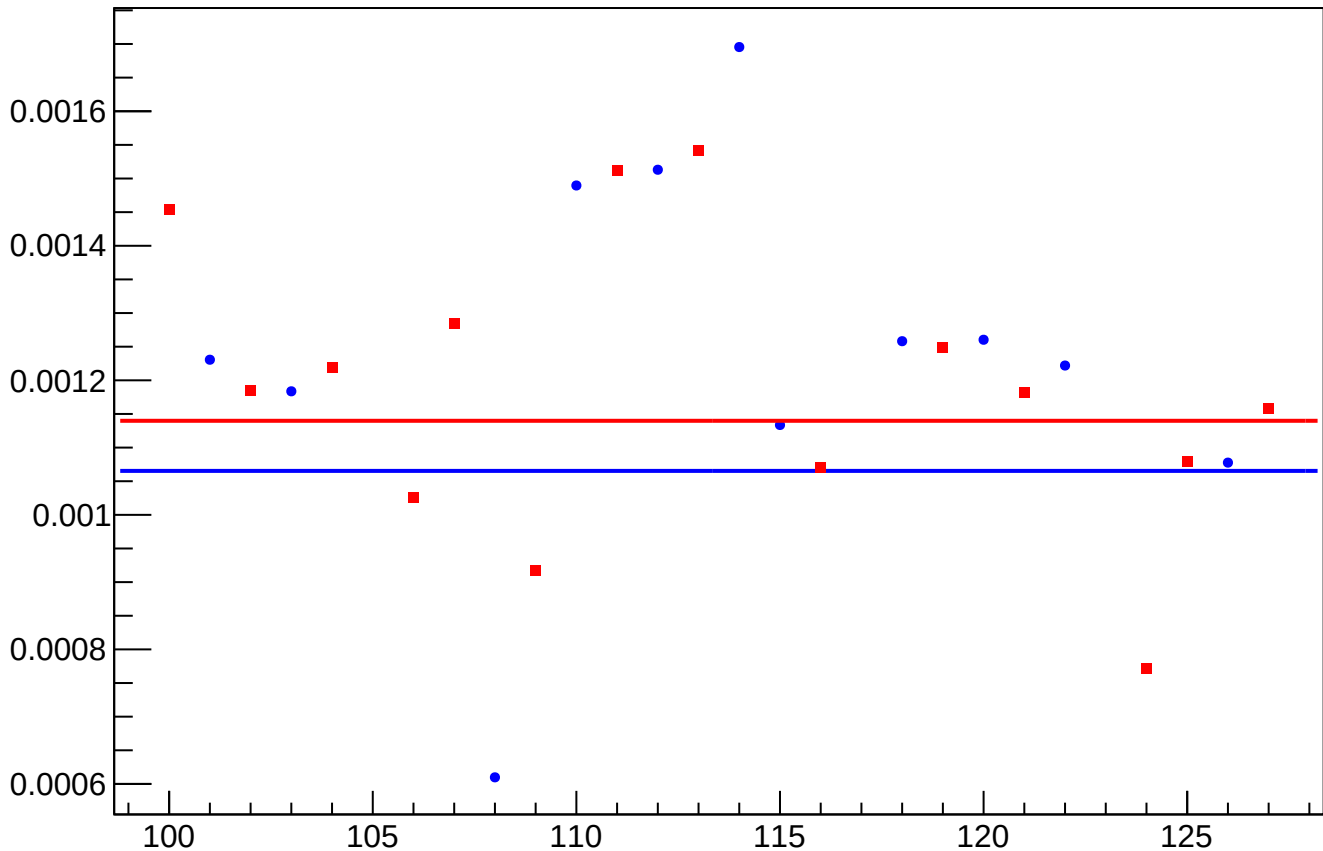
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 20.5/24

- 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 : 711134.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 288799.7/13

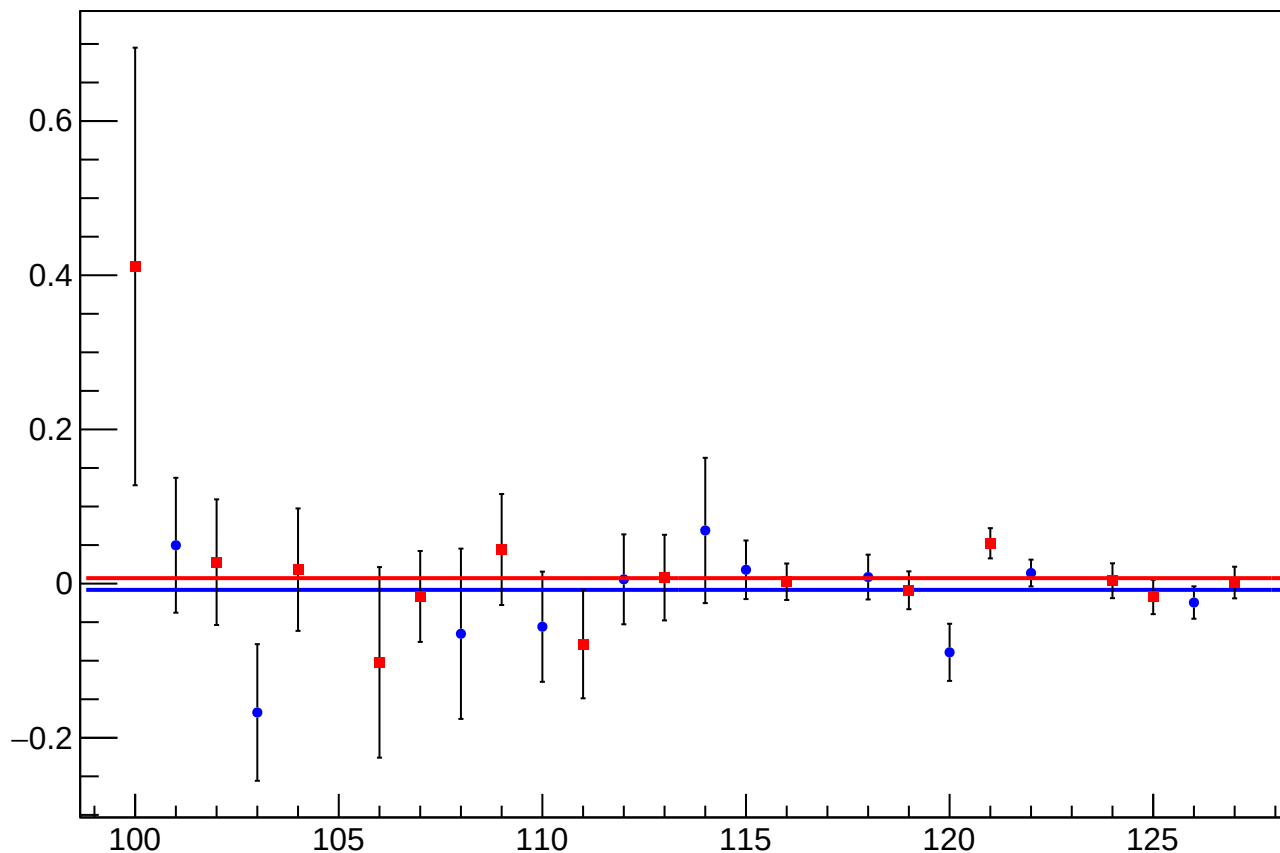
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1021301.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.008 ± 0.010 χ^2/NDF : 12.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.007 ± 0.009 χ^2/NDF : 11.9/13

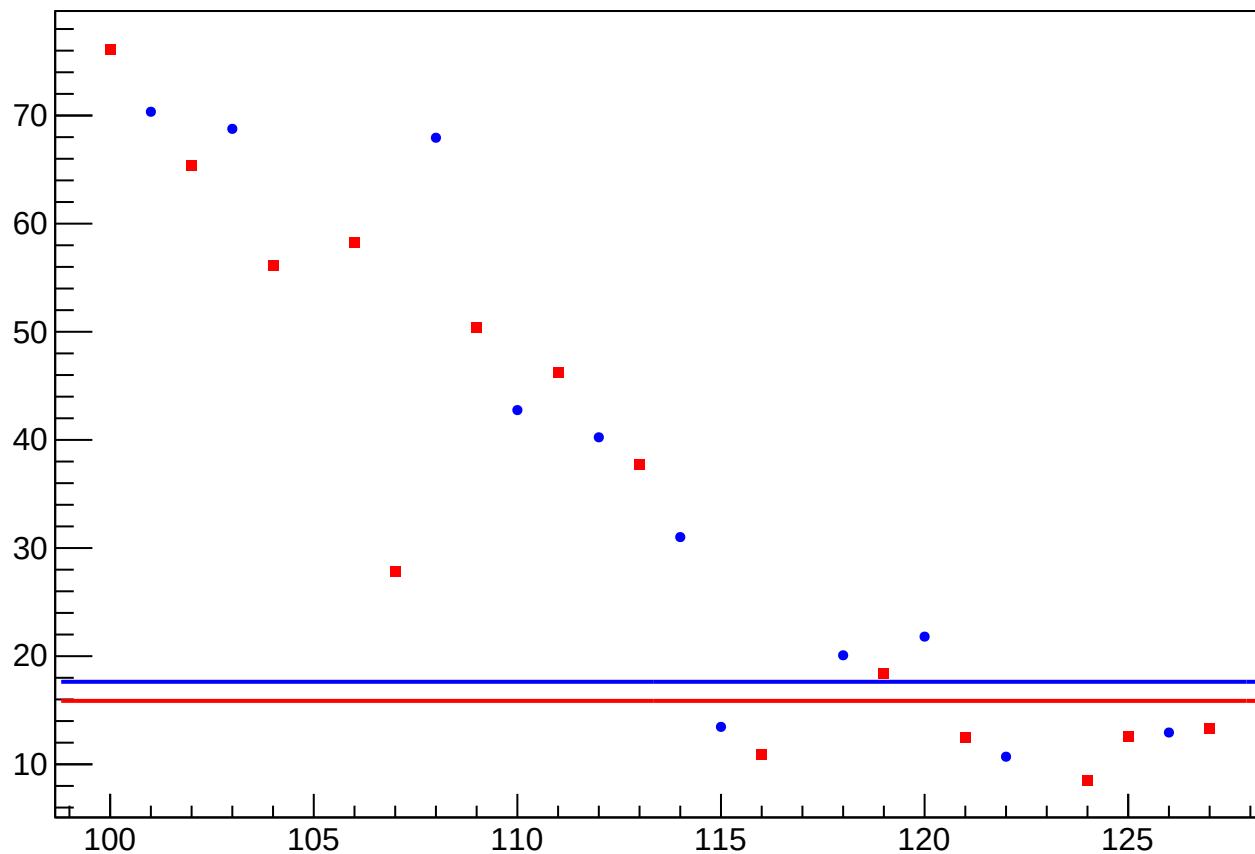
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.001 ± 0.007 χ^2/NDF : 26.0/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 17.631+/-0.007 χ^2/NDF : 2877821.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.866+/-0.006 χ^2/NDF : 3257348.9/13

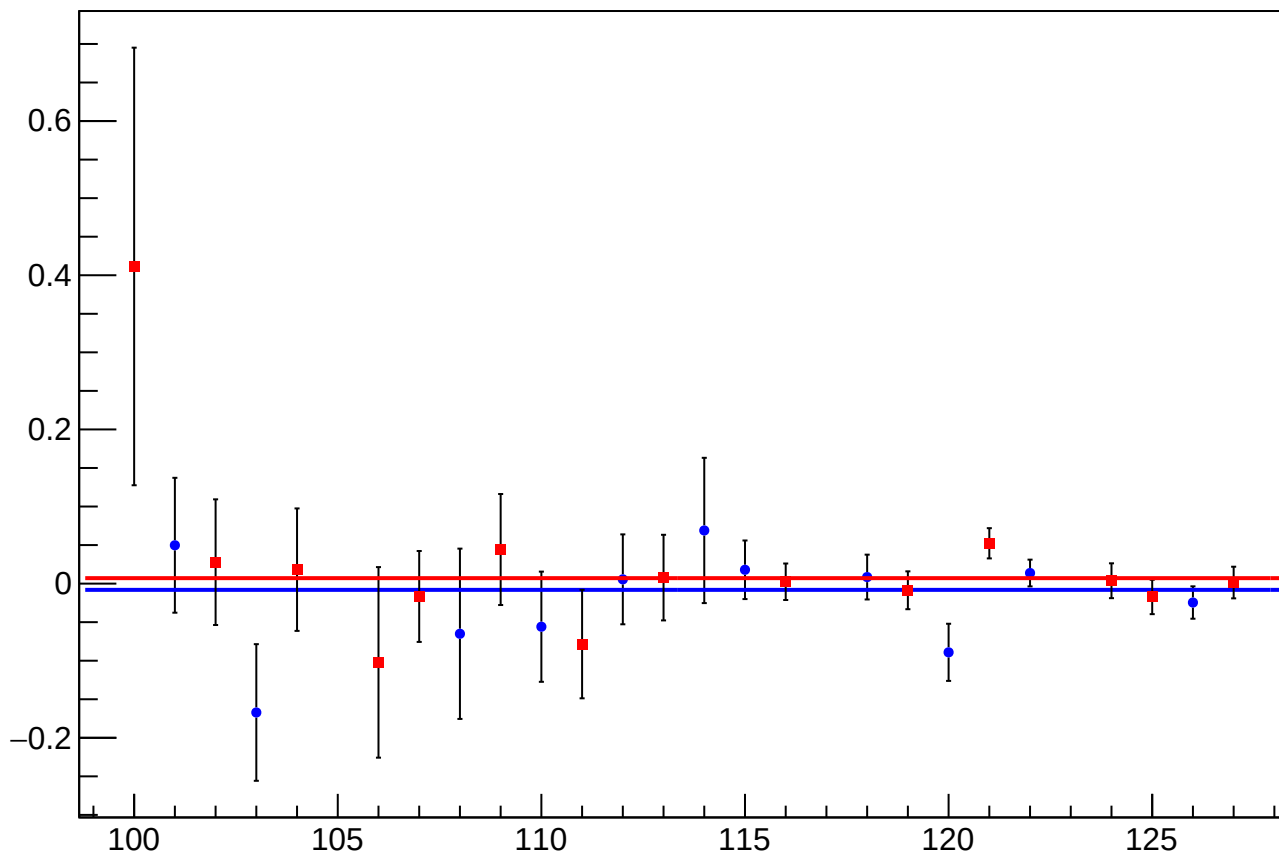
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.570+/-0.005 χ^2/NDF : 6169415.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.008 $\pm$ 0.010 χ^2 /NDF: 12.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.007 $\pm$ 0.009 χ^2 /NDF: 11.9/13

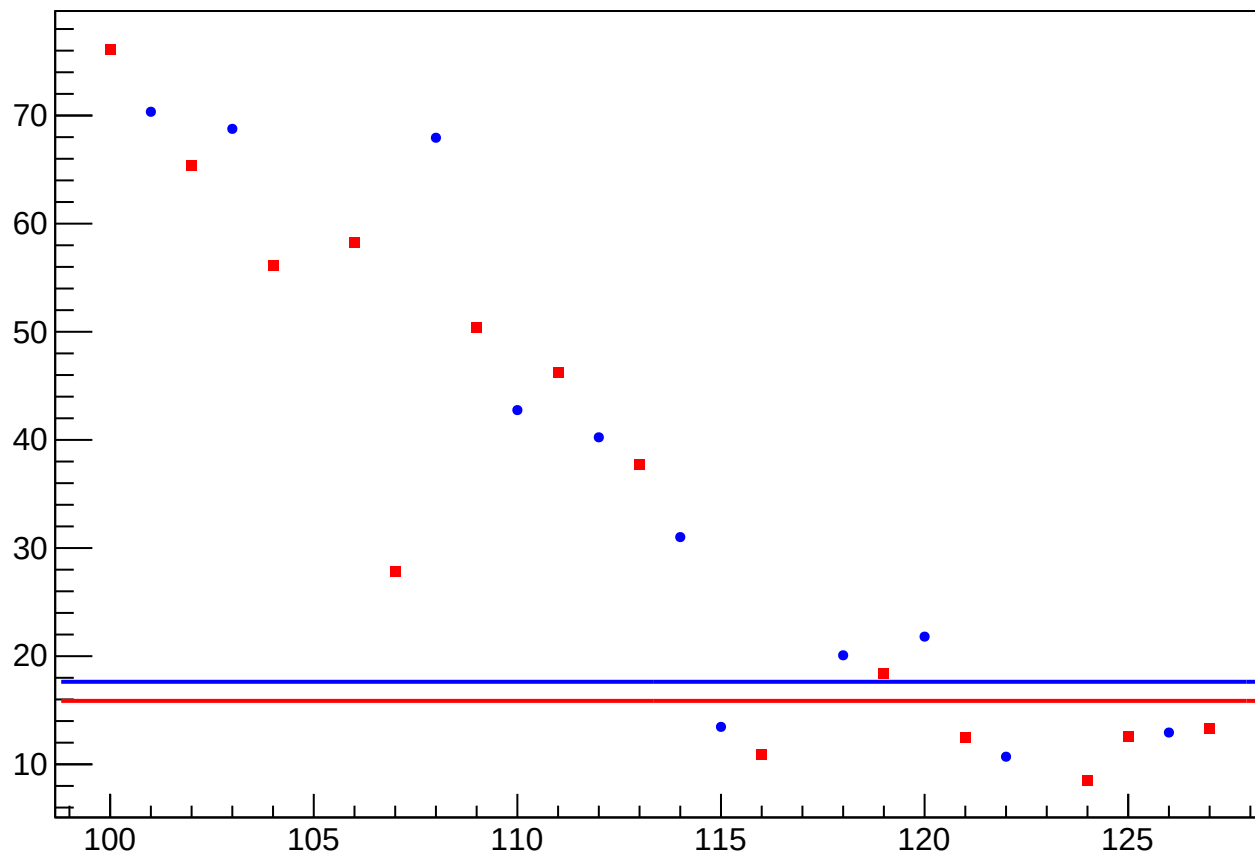
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.001 $\pm$ 0.007 χ^2 /NDF: 26.0/24

- 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: 17.631+/-0.007 χ^2/NDF : 2877821.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.866+/-0.006 χ^2/NDF : 3257348.9/13

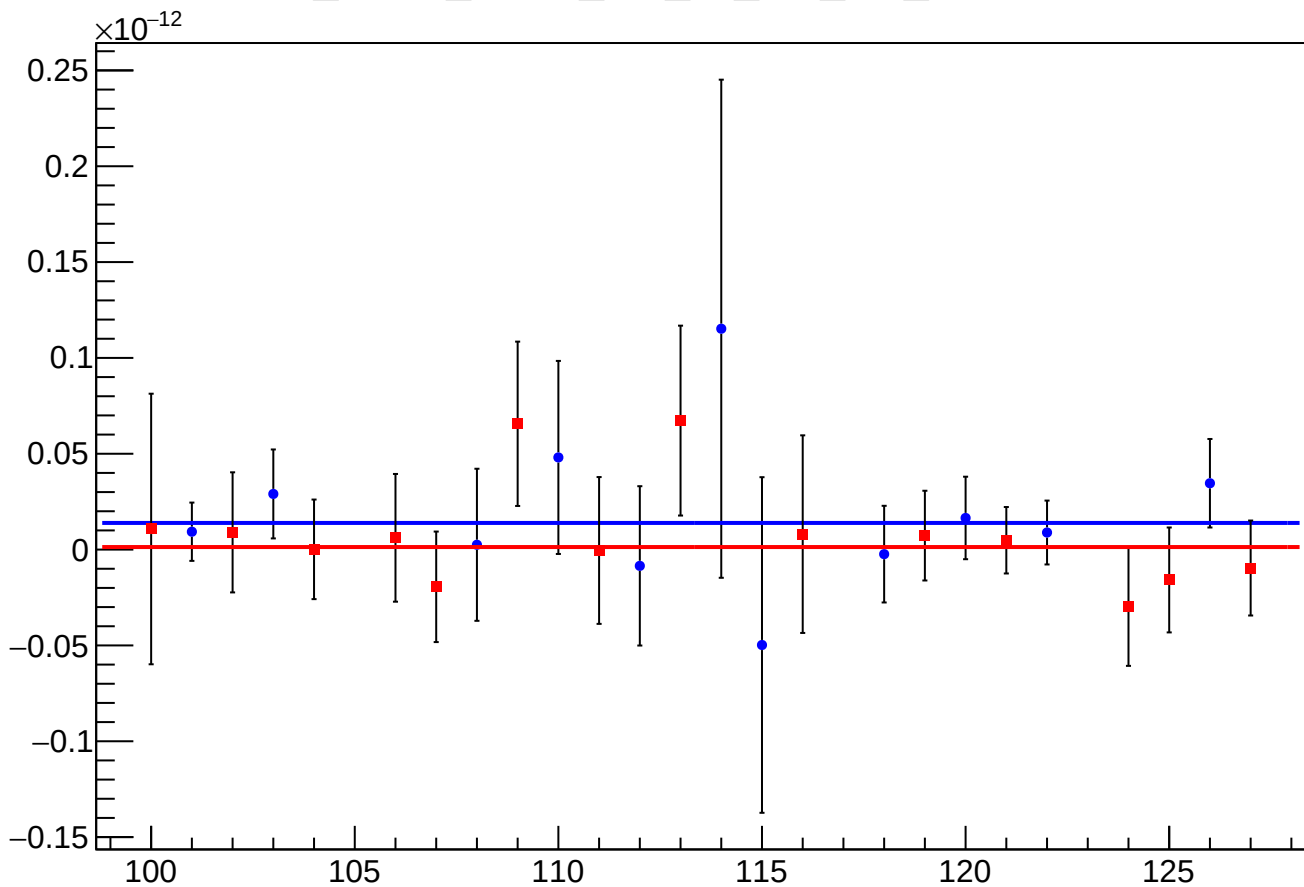
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.570+/-0.005 χ^2/NDF : 6169415.1/24

- sign 0.000+/-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: 3.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.4/13

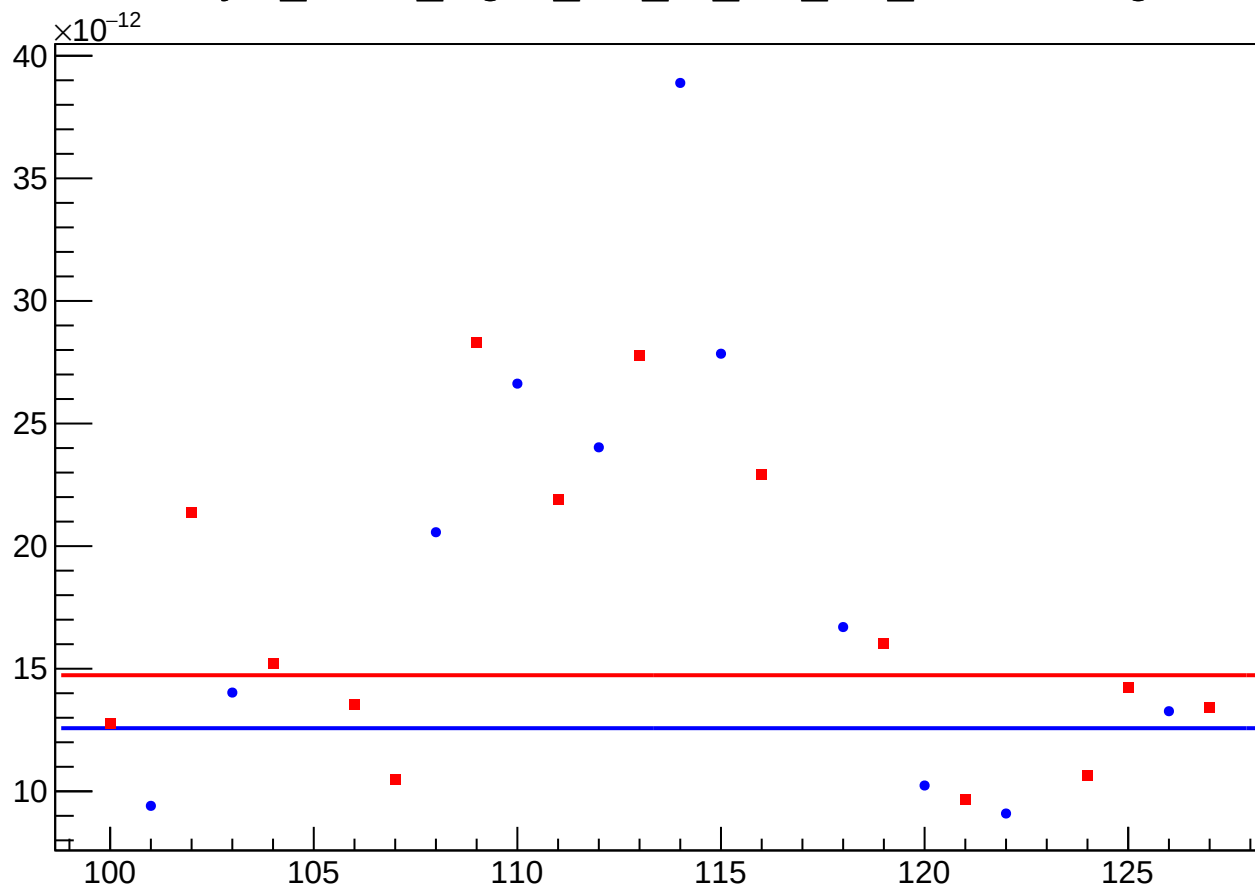
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.5/24

- 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 : 792566.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 816433.5/13

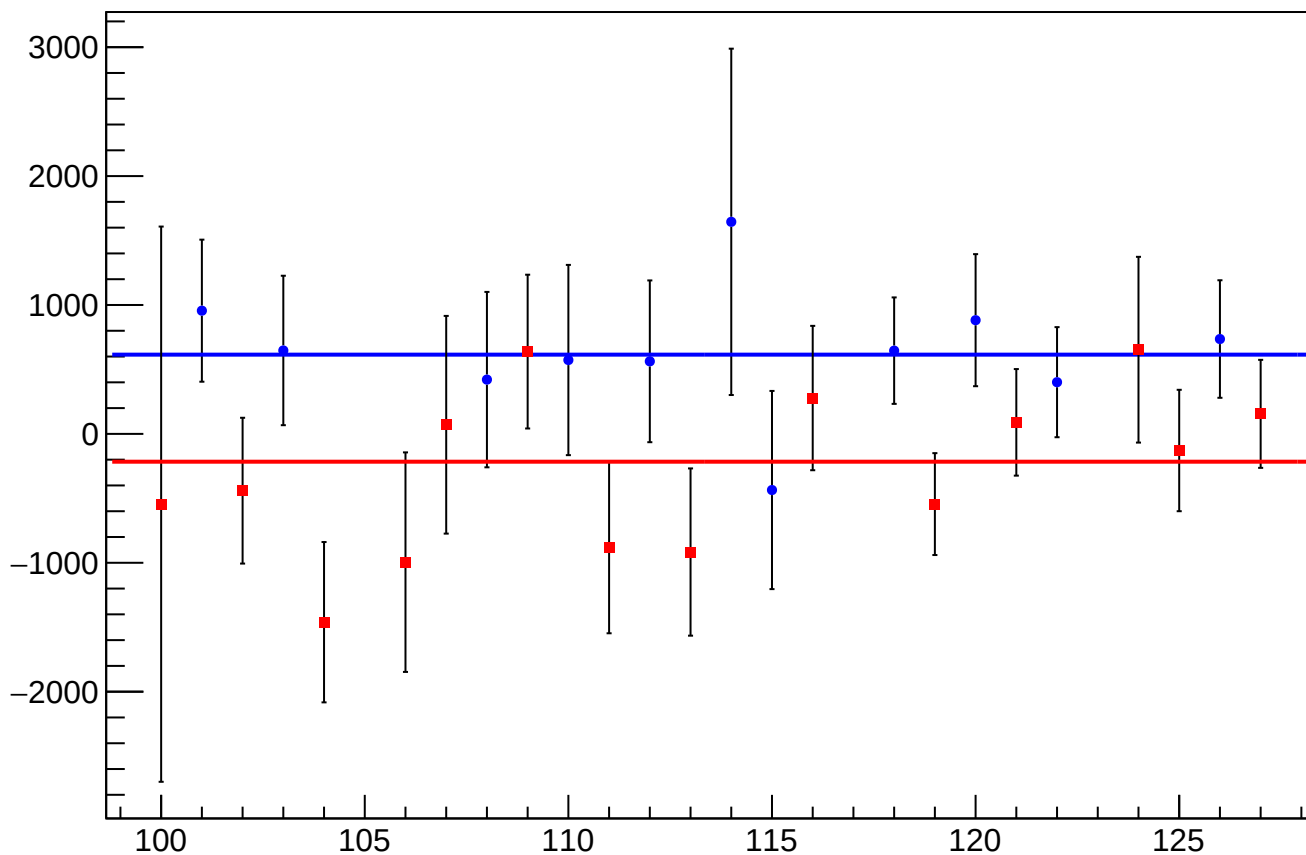
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1686285.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_mean vs Slug



Right In: 614.742 $\pm$ 168.981 χ^2 /NDF: 3.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -215.763 $\pm$ 151.224 χ^2 /NDF: 13.6/13

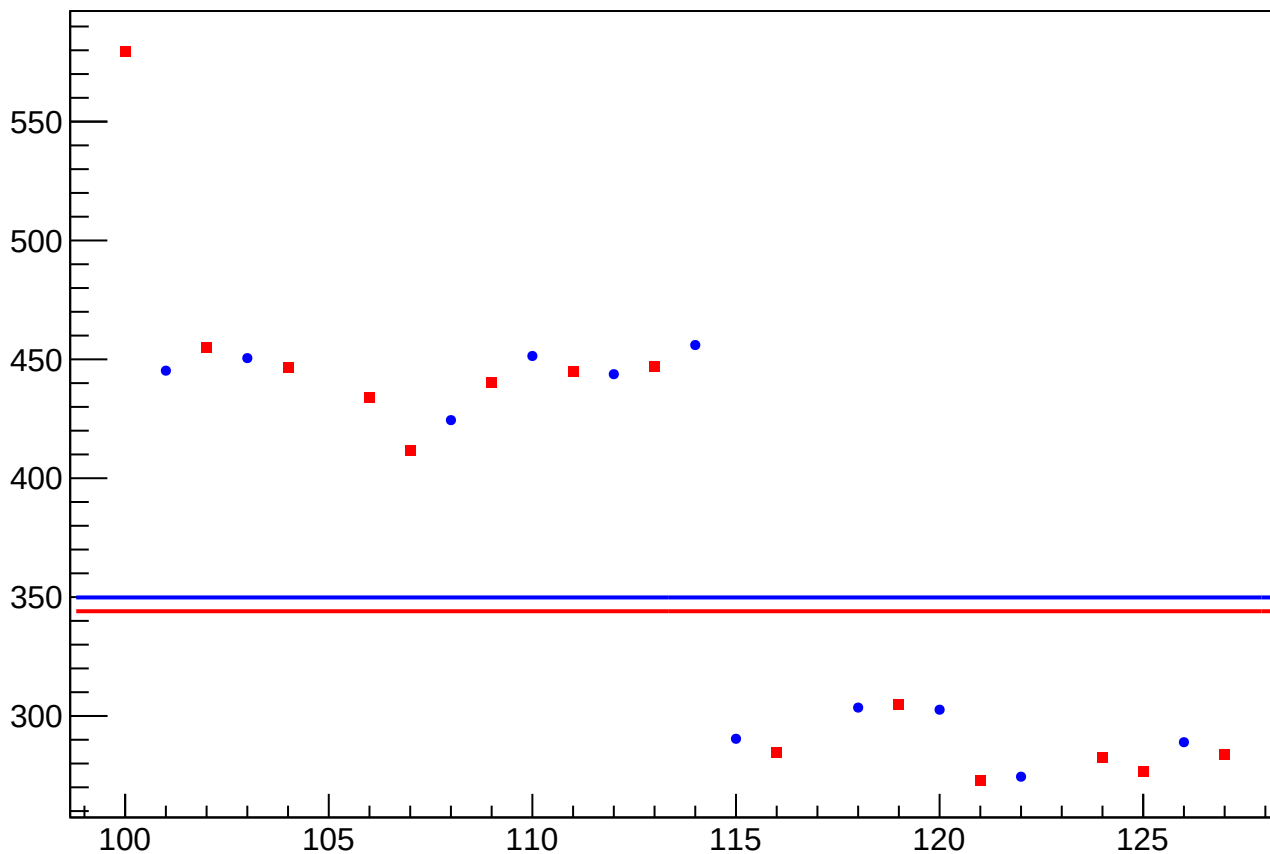
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 153.574 $\pm$ 112.688 χ^2 /NDF: 30.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam2_rms vs Slug



Right In: 349.860 $\pm$ 0.119 χ^2 /NDF: 391559.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 344.057 $\pm$ 0.107 χ^2 /NDF: 537291.4/13

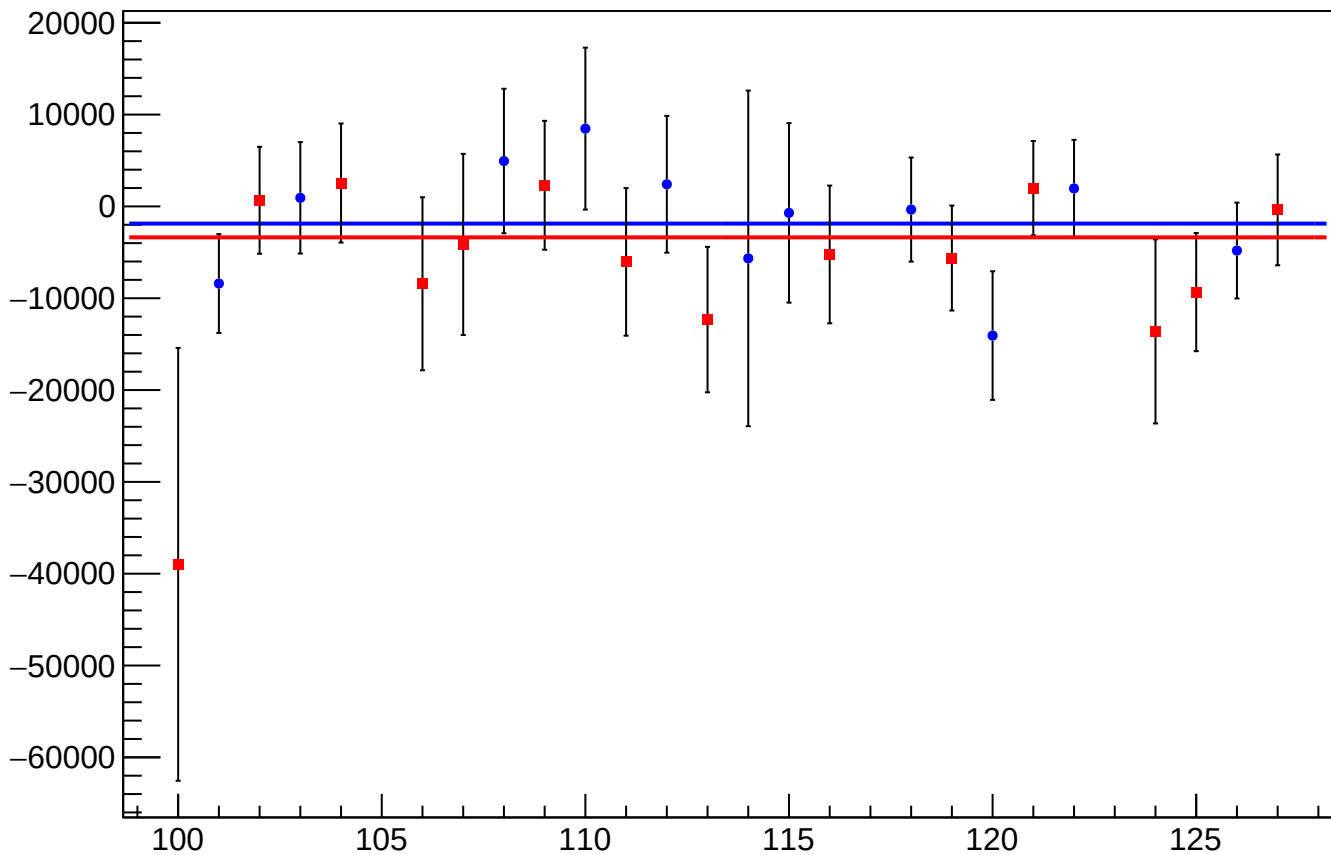
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 346.637 $\pm$ 0.080 χ^2 /NDF: 930160.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_reg_correction_mean vs Slug



Right In: -1871.909 $\pm$ 2015.363 χ^2 /NDF: 8.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3370.354 $\pm$ 1902.461 χ^2 /NDF: 9.4/13

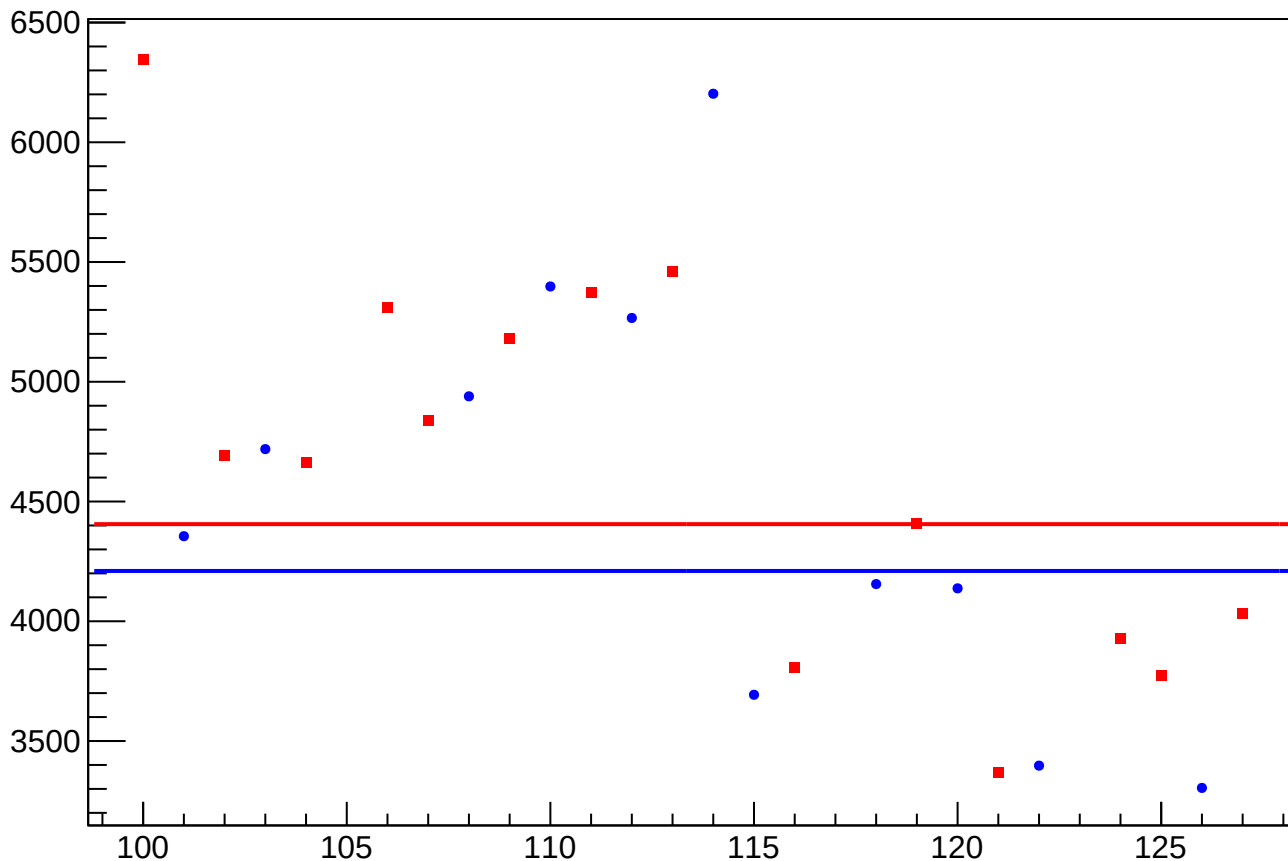
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2664.277 $\pm$ 1383.435 χ^2 /NDF: 17.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_reg_correction_rms vs Slug



Right In: 4210.057 $\pm$ 1.425 χ^2 /NDF: 246480.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4405.548 $\pm$ 1.345 χ^2 /NDF: 258372.9/13

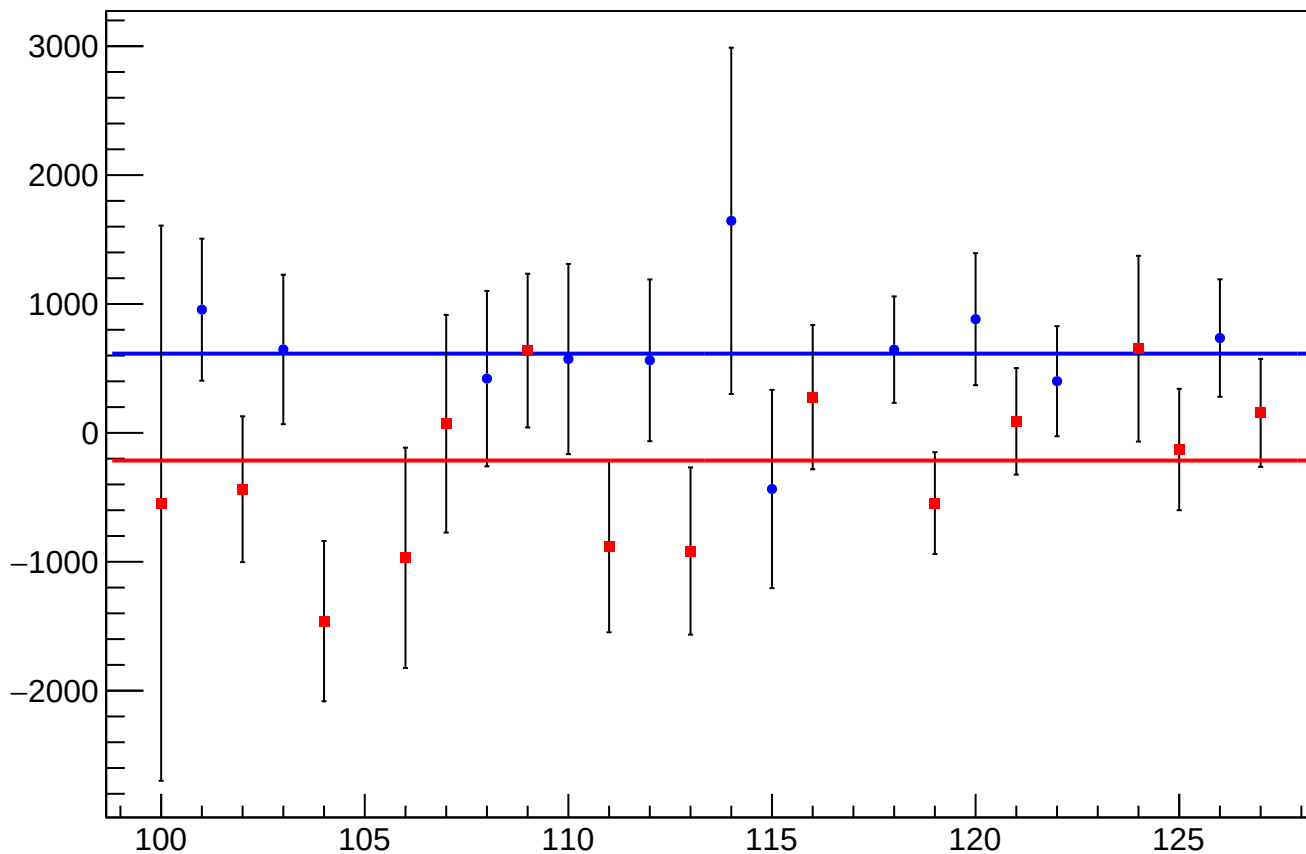
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4313.431 $\pm$ 0.978 χ^2 /NDF: 514804.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam2_mean vs Slug



Right In: 614.738 ± 168.981 χ^2/NDF : 3.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -214.477 ± 151.246 χ^2/NDF : 13.6/13

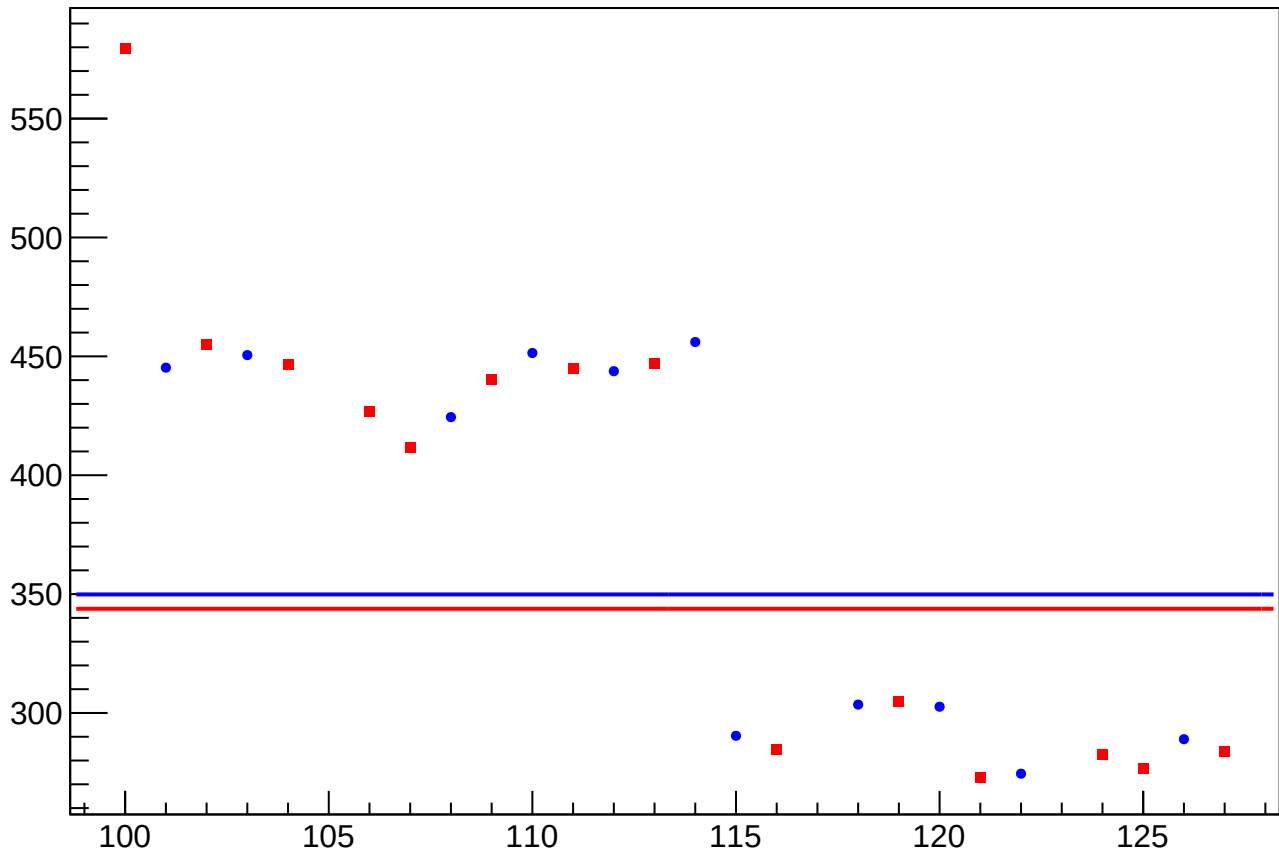
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 154.347 ± 112.697 χ^2/NDF : 30.5/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_sam2_rms vs Slug



Right In: 349.860 $\pm$ 0.119 χ^2 /NDF: 391560.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 343.829 $\pm$ 0.107 χ^2 /NDF: 534103.8/13

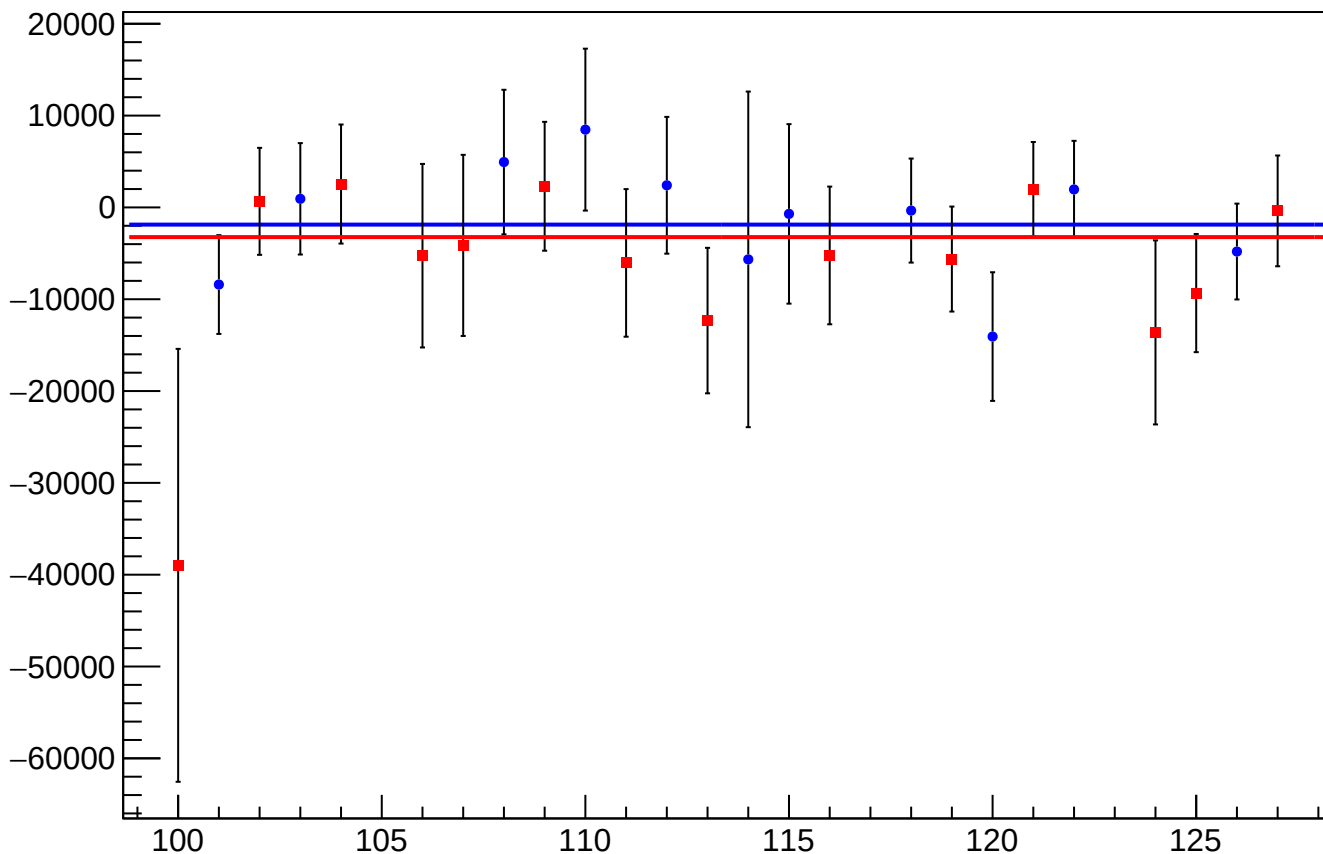
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 346.512 $\pm$ 0.080 χ^2 /NDF: 927078.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_cor_correction_mean vs Slug



Right In: -1871.720+/-2015.372 χ^2 /NDF: 8.1/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -3233.201+/-1906.906 χ^2 /NDF: 9.1/13

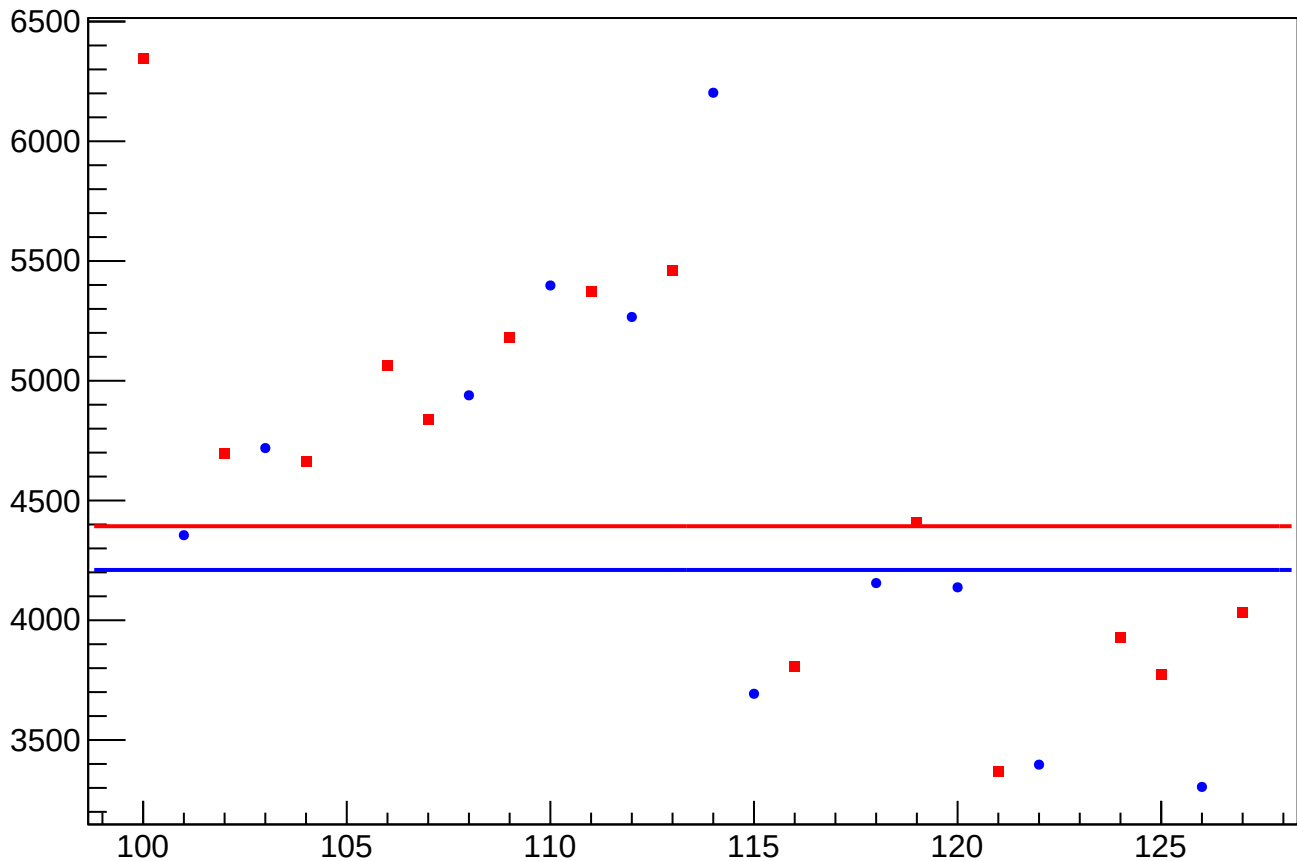
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -2590.082+/-1385.145 χ^2 /NDF: 17.5/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam2_cor_correction_rms vs Slug



Right In: 4210.071+/-1.425 χ^2/NDF : 246489.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

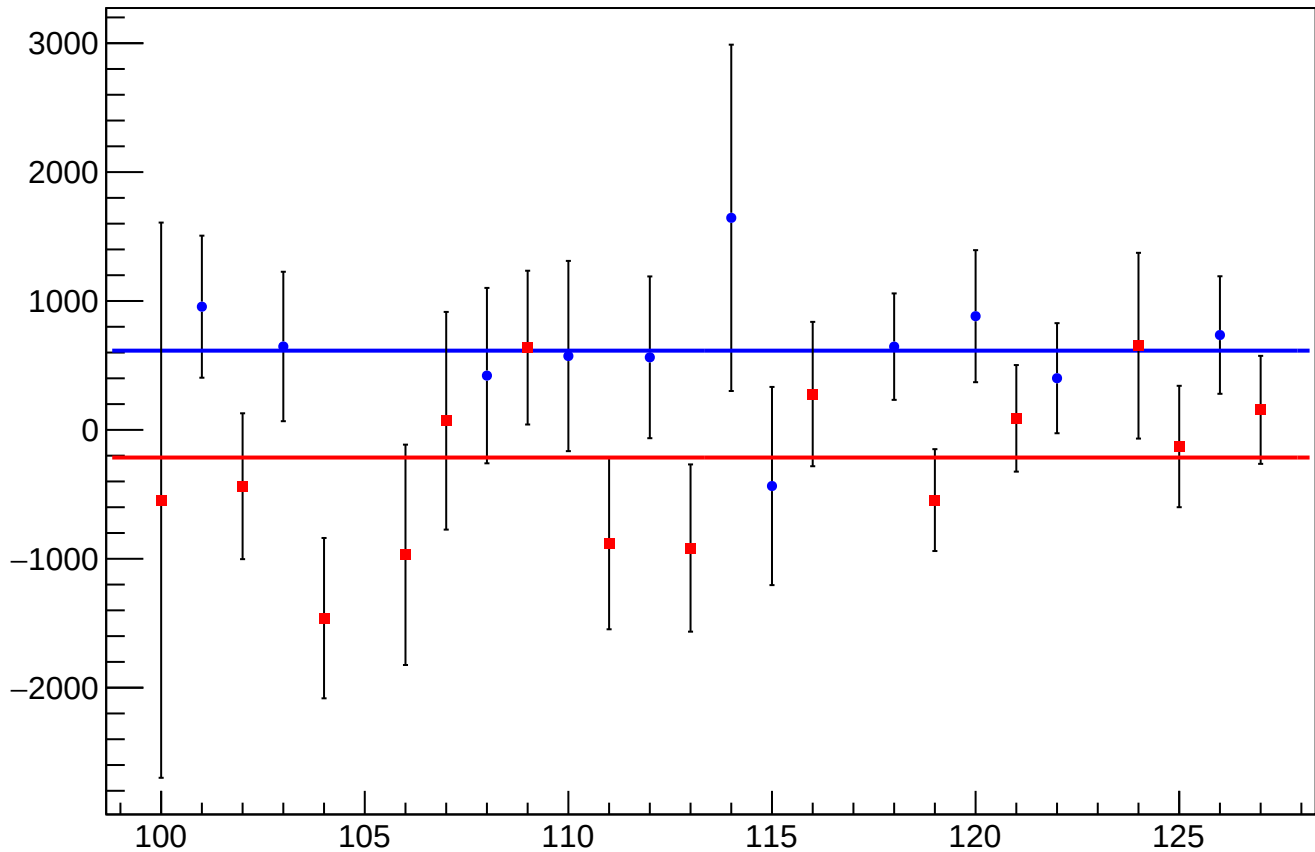
Right Out: 4392.697+/-1.348 χ^2/NDF : 248606.3/13

All: 4306.430+/-0.979 χ^2/NDF : 503761.0/24

- 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_sam2_mean vs Slug



Right In: 614.738 $\pm$ 168.981 χ^2 /NDF: 3.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -214.477 $\pm$ 151.246 χ^2 /NDF: 13.6/13

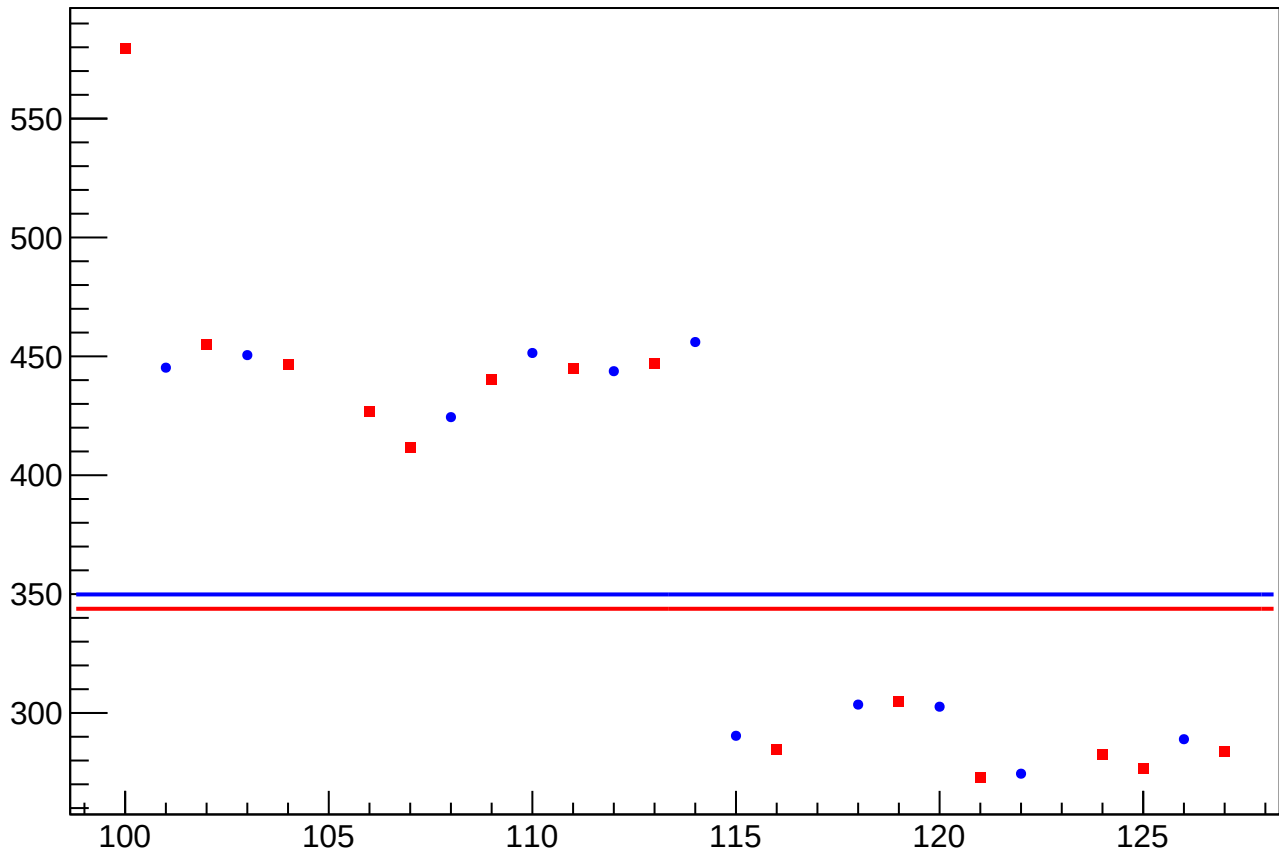
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 154.347 $\pm$ 112.697 χ^2 /NDF: 30.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam2_rms vs Slug



Right In: 349.860 $\pm$ 0.119 χ^2 /NDF: 391560.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 343.829 $\pm$ 0.107 χ^2 /NDF: 534103.8/13

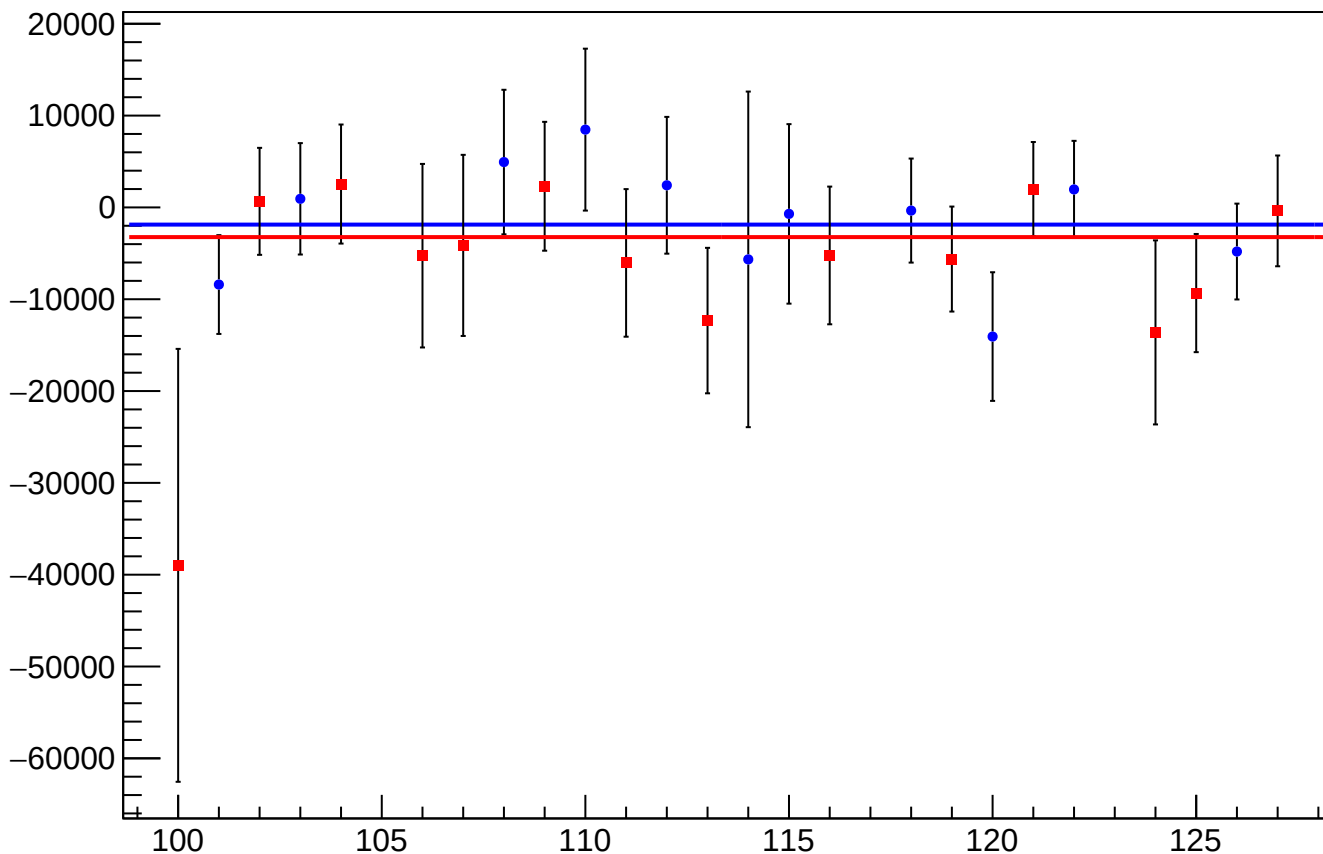
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 346.512 $\pm$ 0.080 χ^2 /NDF: 927078.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_eigen_cor_correction_mean vs Slug



Right In: -1871.720+/-2015.372 χ^2/NDF : 8.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3233.201+/-1906.906 χ^2/NDF : 9.1/13

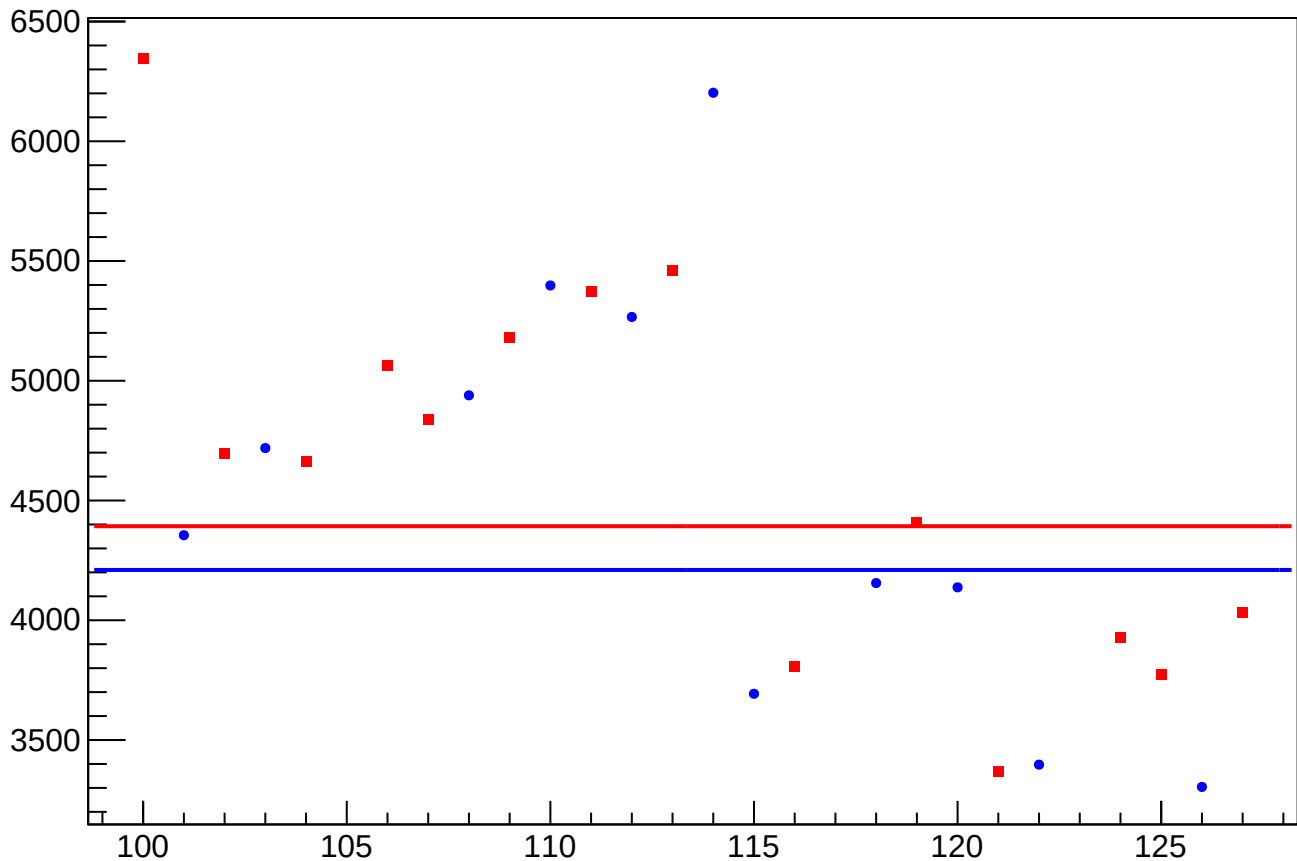
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2590.082+/-1385.145 χ^2/NDF : 17.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_cor_correction_rms vs Slug



Right In: 4210.071+/-1.425 χ^2/NDF : 246489.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

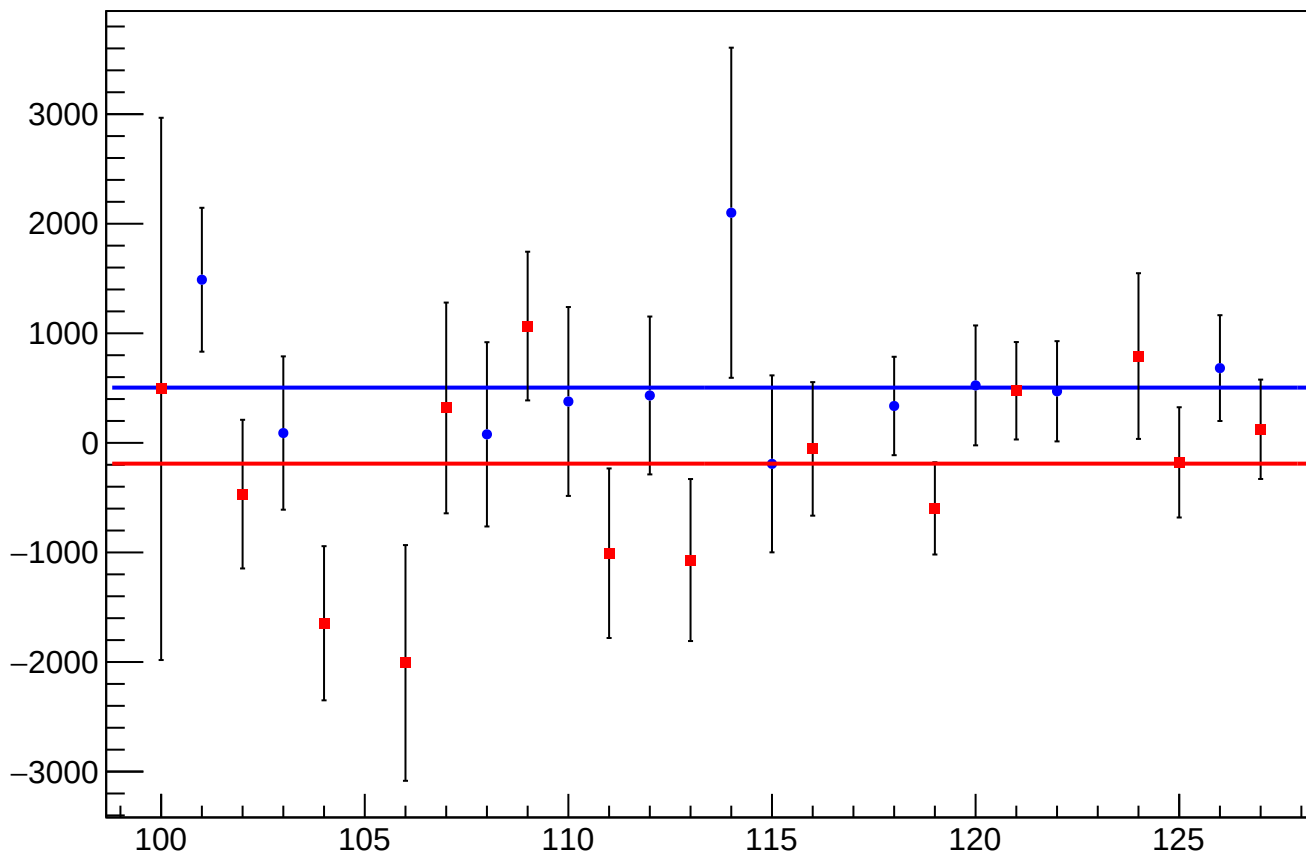
Right Out: 4392.697+/-1.348 χ^2/NDF : 248606.3/13

All: 4306.430+/-0.979 χ^2/NDF : 503761.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam2_mean vs Slug



Right In: 504.418 $\pm$ 187.682 χ^2 /NDF: 5.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -189.572 $\pm$ 166.821 χ^2 /NDF: 19.0/13

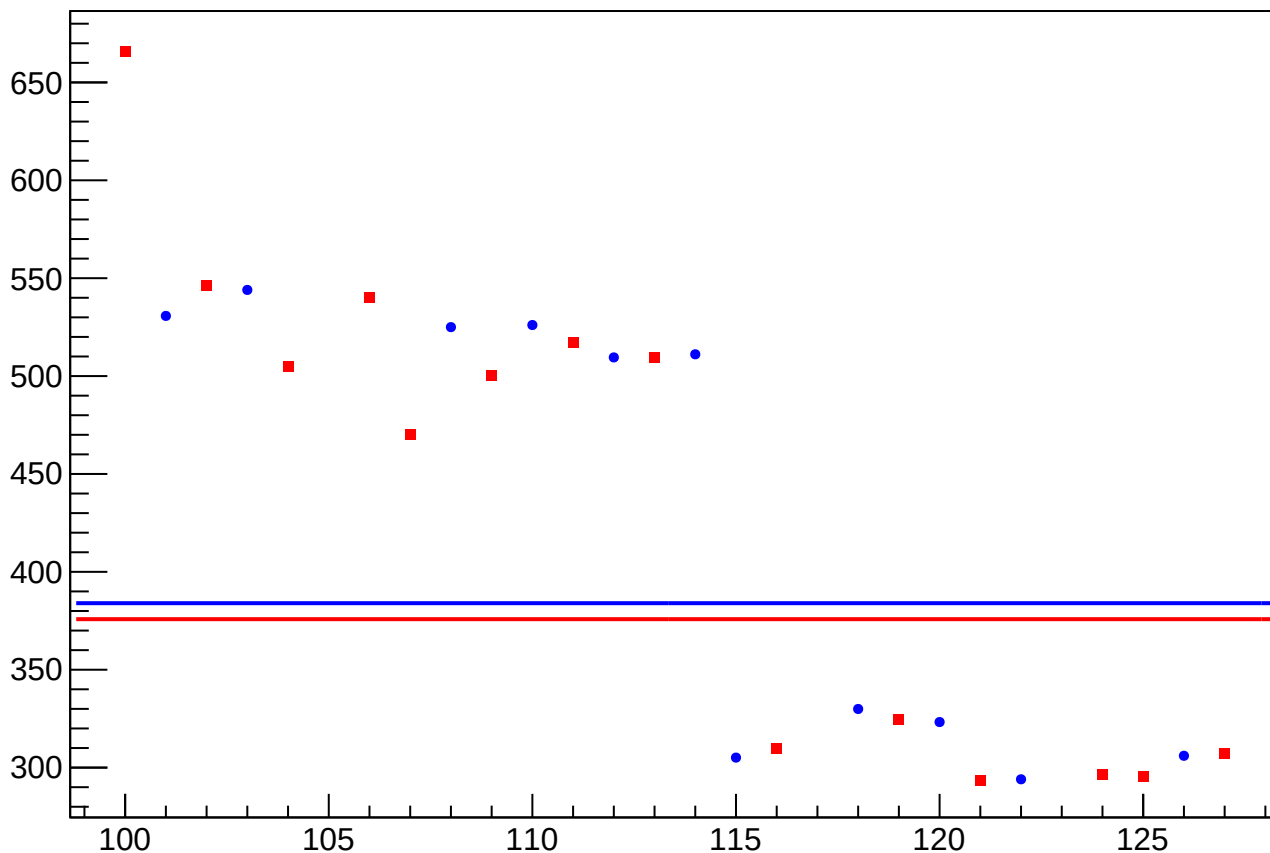
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 116.726 $\pm$ 124.686 χ^2 /NDF: 31.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam2_rms vs Slug



Right In: 383.989+/-0.133 χ^2/NDF : 592188.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 375.823+/-0.118 χ^2/NDF : 727177.3/13

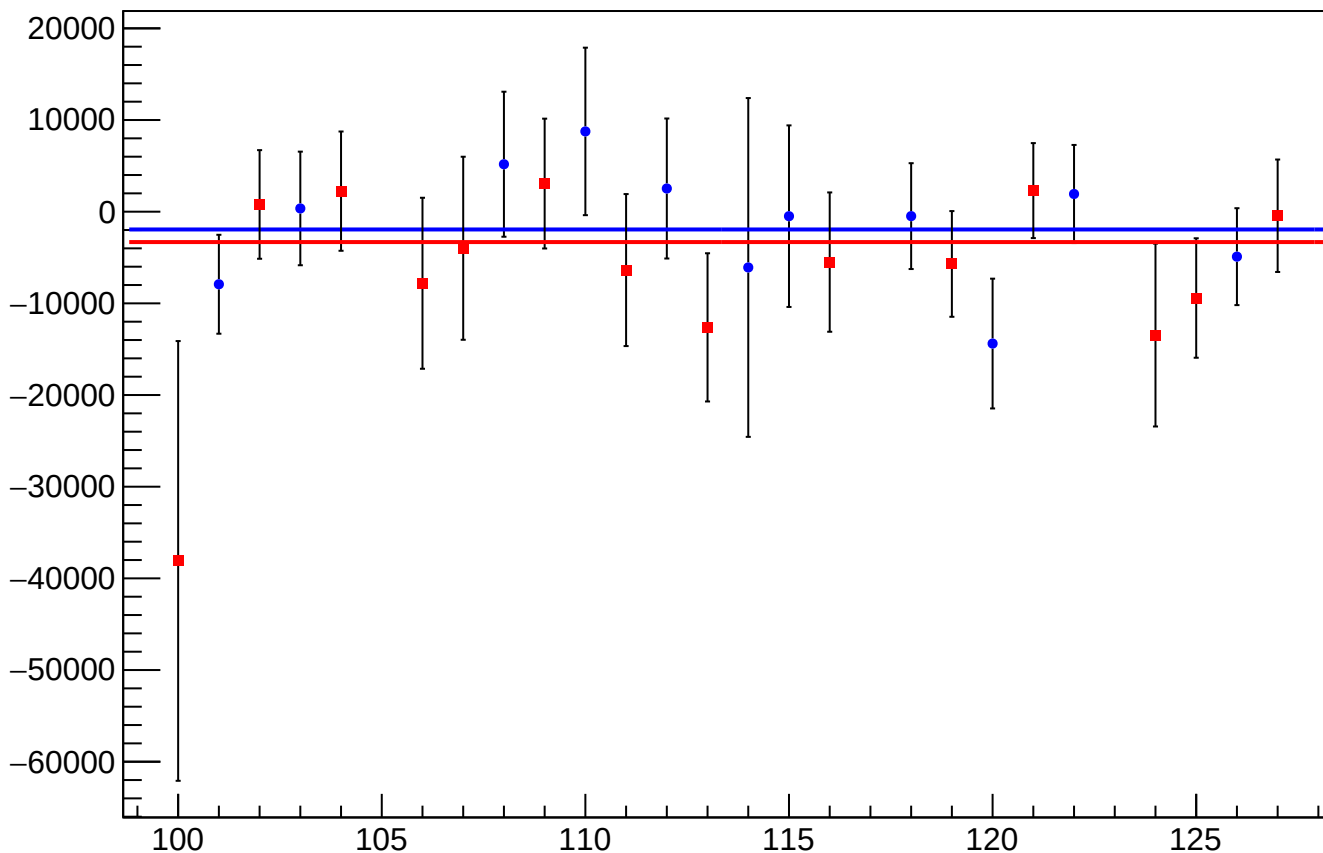
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 379.427+/-0.088 χ^2/NDF : 1321481.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_dit_correction_mean vs Slug



Right In: -1339.712 $\pm$ 2044.146 χ^2 /NDF: 8.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3314.380 $\pm$ 1924.458 χ^2 /NDF: 9.4/13

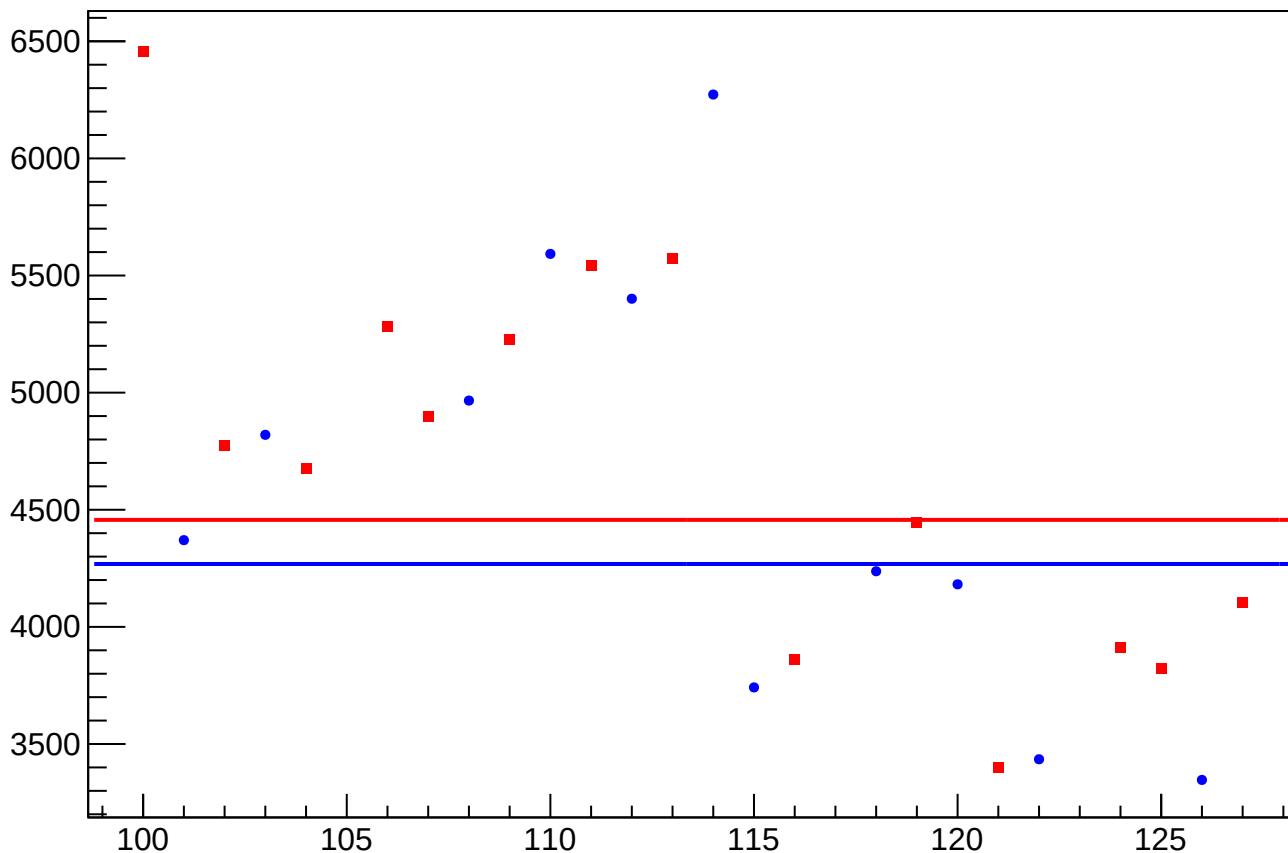
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2668.466 $\pm$ 1401.200 χ^2 /NDF: 17.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_dit_correction_rms vs Slug



Right In: 4268.506 $\pm$ 1.445 χ^2 /NDF: 257017.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4456.848 $\pm$ 1.361 χ^2 /NDF: 264896.8/13

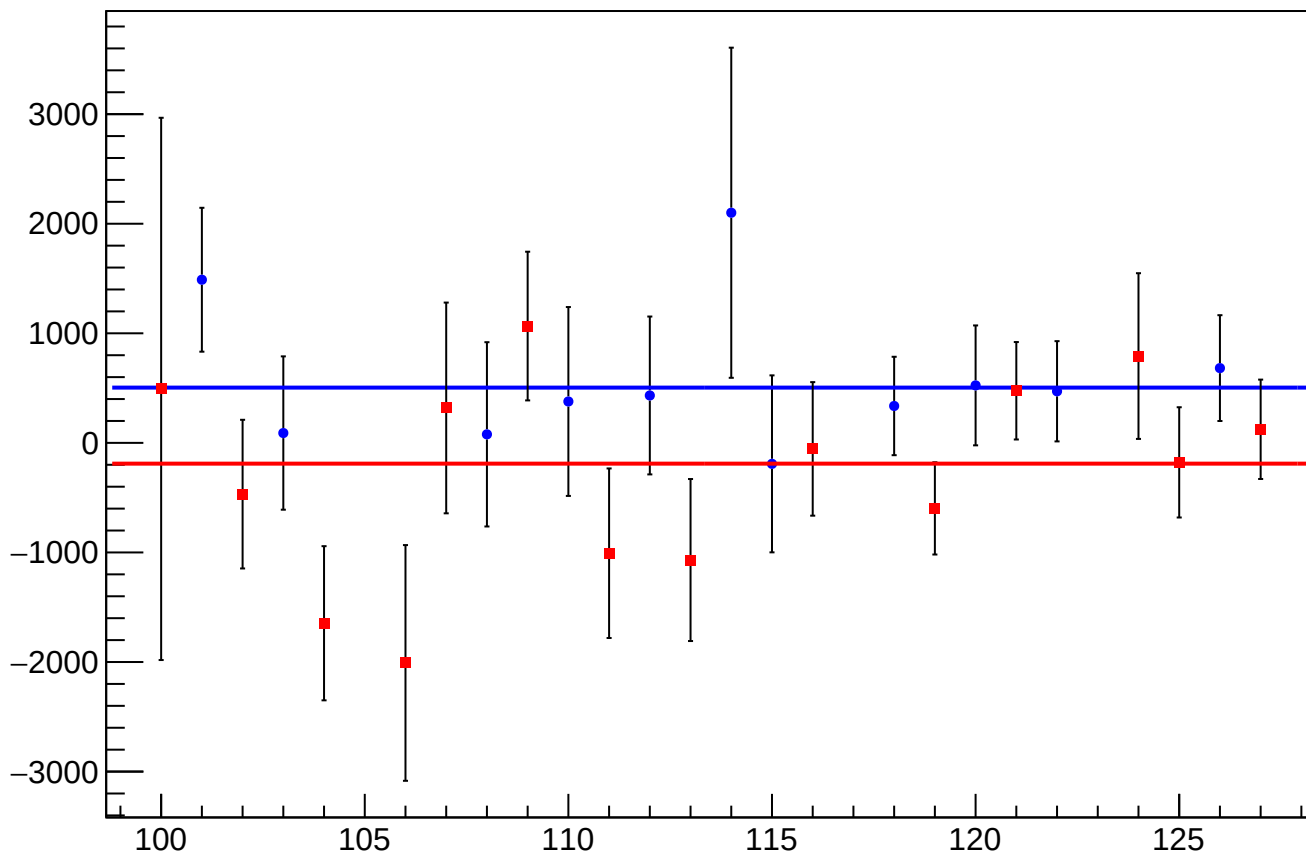
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4368.352 $\pm$ 0.991 χ^2 /NDF: 530914.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam2_mean vs Slug



Right In: 504.421+/-187.682 χ^2/NDF : 5.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -189.568+/-166.821 χ^2/NDF : 19.0/13

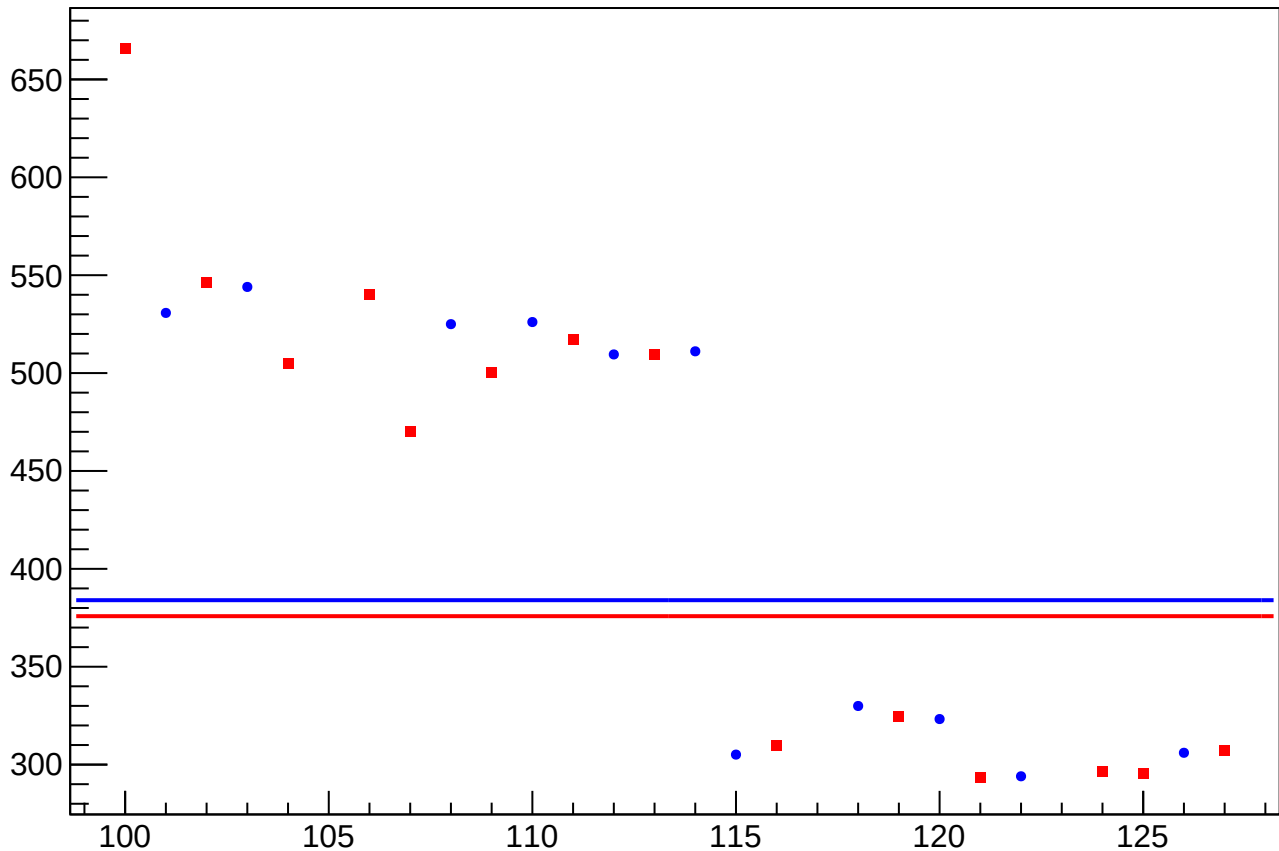
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.729+/-124.686 χ^2/NDF : 31.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam2_rms vs Slug



Right In: 383.988+/-0.133 χ^2/NDF : 592176.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 375.822+/-0.118 χ^2/NDF : 727162.6/13

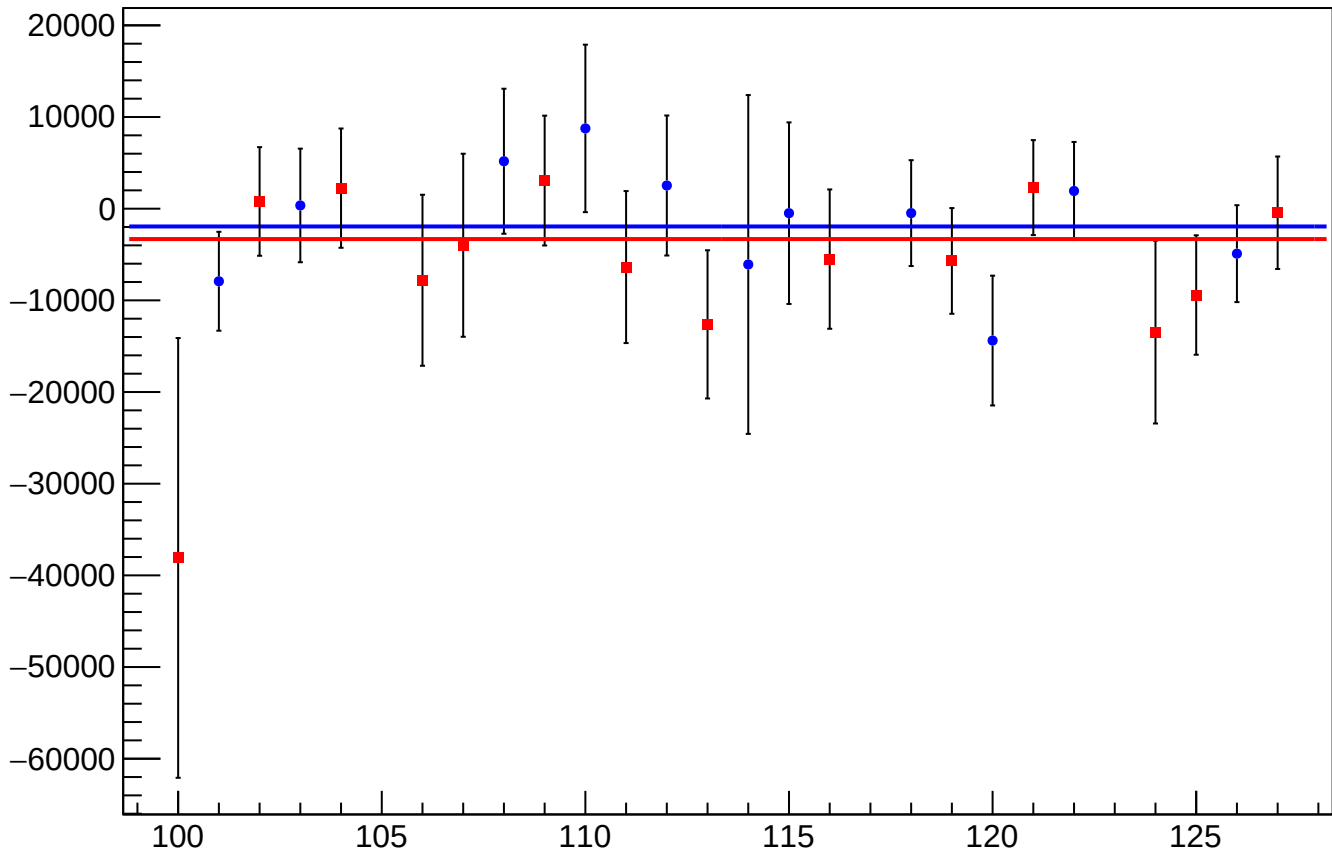
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 379.426+/-0.088 χ^2/NDF : 1321454.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_dit_correction_mean vs Slug



Right In: -1939.707+/-2044.143 χ^2 /NDF: 8.0/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -3314.372+/-1924.454 χ^2 /NDF: 9.4/13

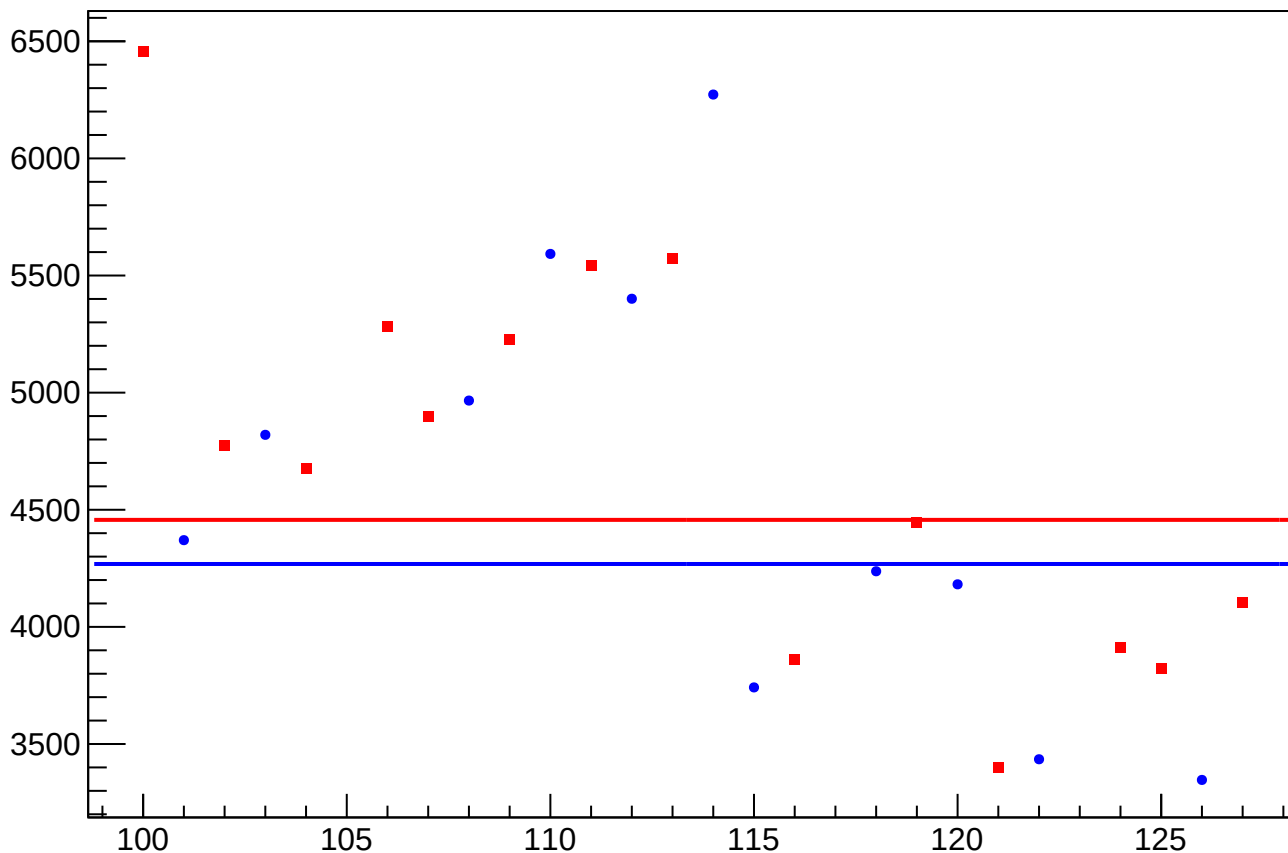
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -2668.460+/-1401.198 χ^2 /NDF: 17.6/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam2_eigen_dit_correction_rms vs Slug



Right In: 4268.500+/-1.445 χ^2/NDF : 257011.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

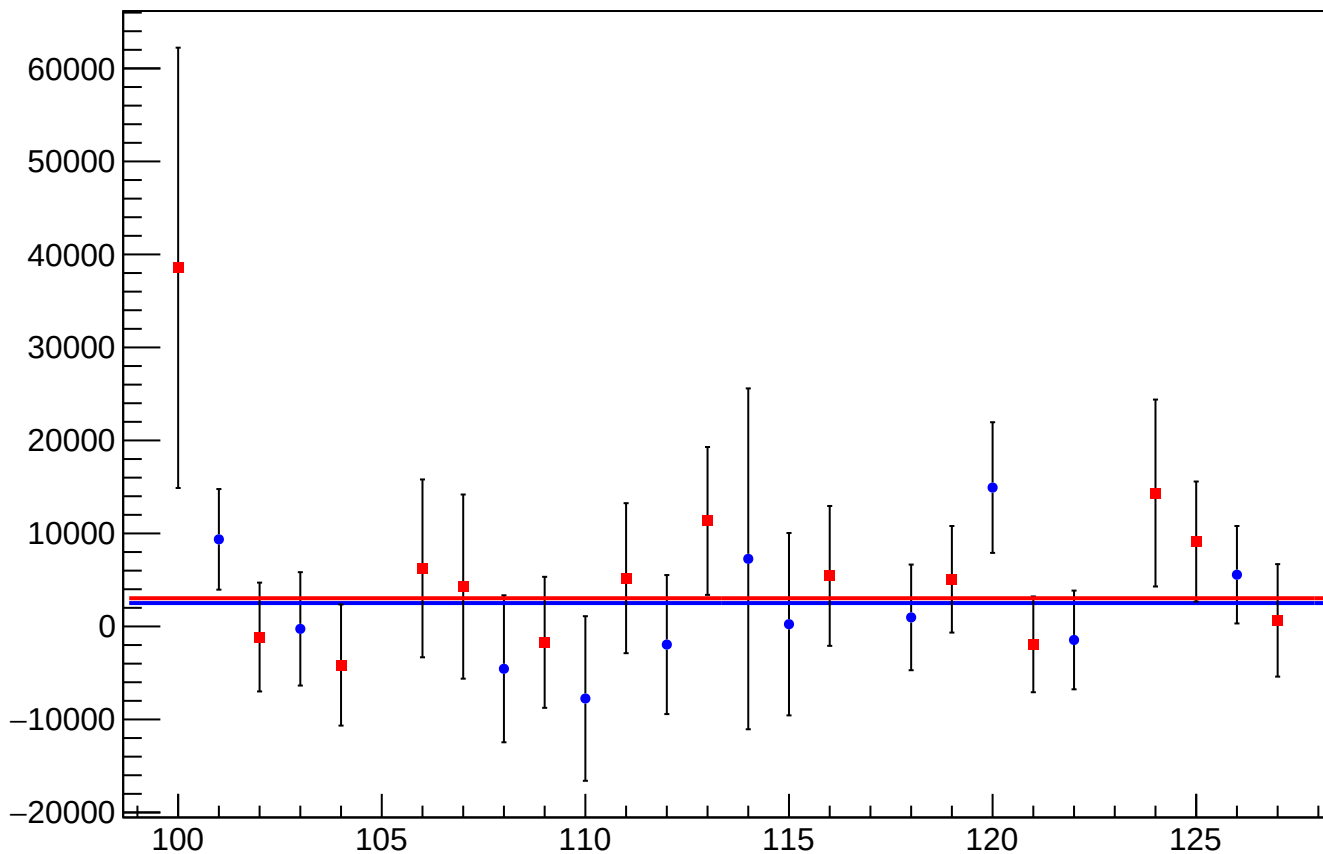
Right Out: 4456.840+/-1.361 χ^2/NDF : 264892.3/13

All: 4368.345+/-0.991 χ^2/NDF : 530904.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_mean vs Slug



Right In: 2513.624 $\pm$ 2023.003 χ^2 /NDF: 8.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3032.673 $\pm$ 1909.800 χ^2 /NDF: 9.2/13

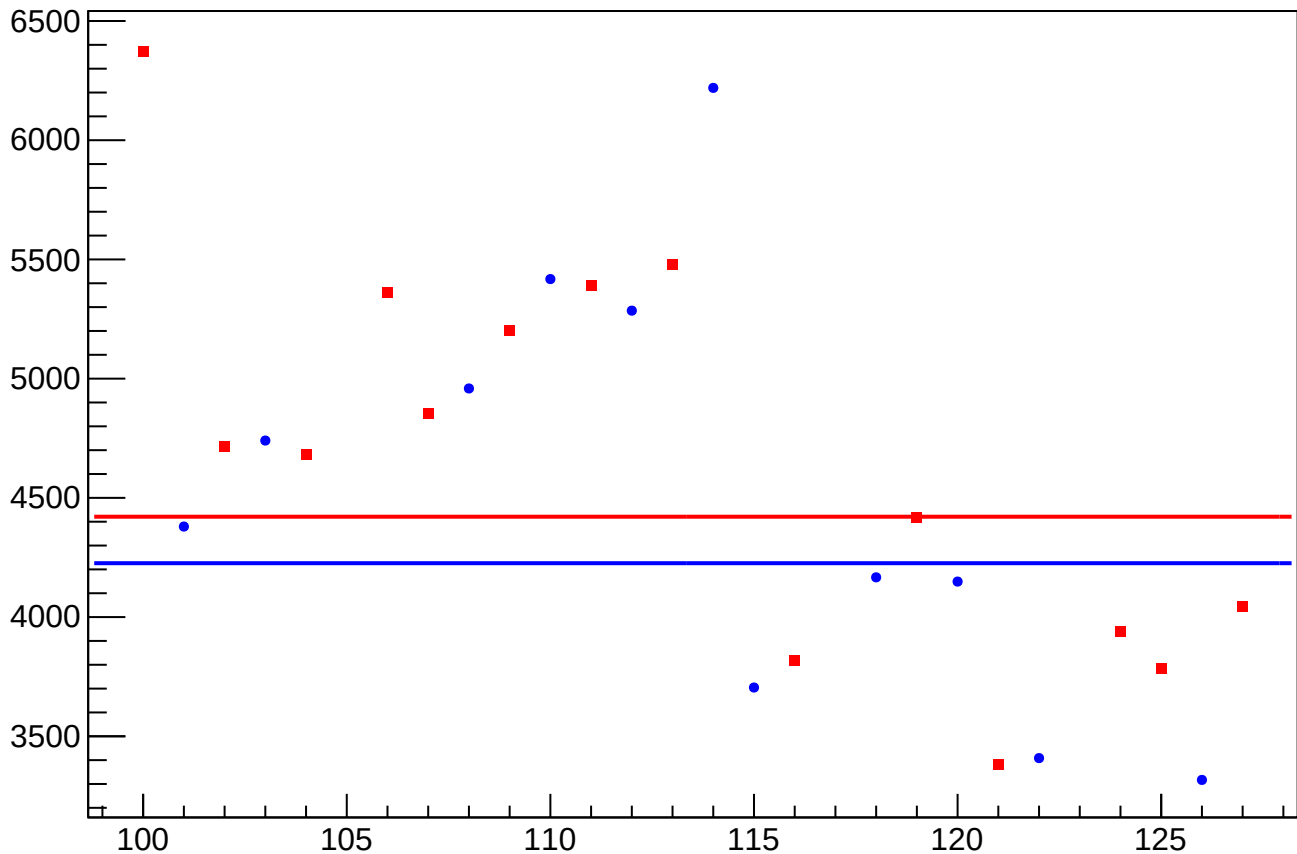
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2788.077 $\pm$ 1388.729 χ^2 /NDF: 17.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_rms vs Slug



Right In: 4225.982 ± 1.430 χ^2/NDF : 246920.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 4420.933 ± 1.350 χ^2/NDF : 260300.8/13

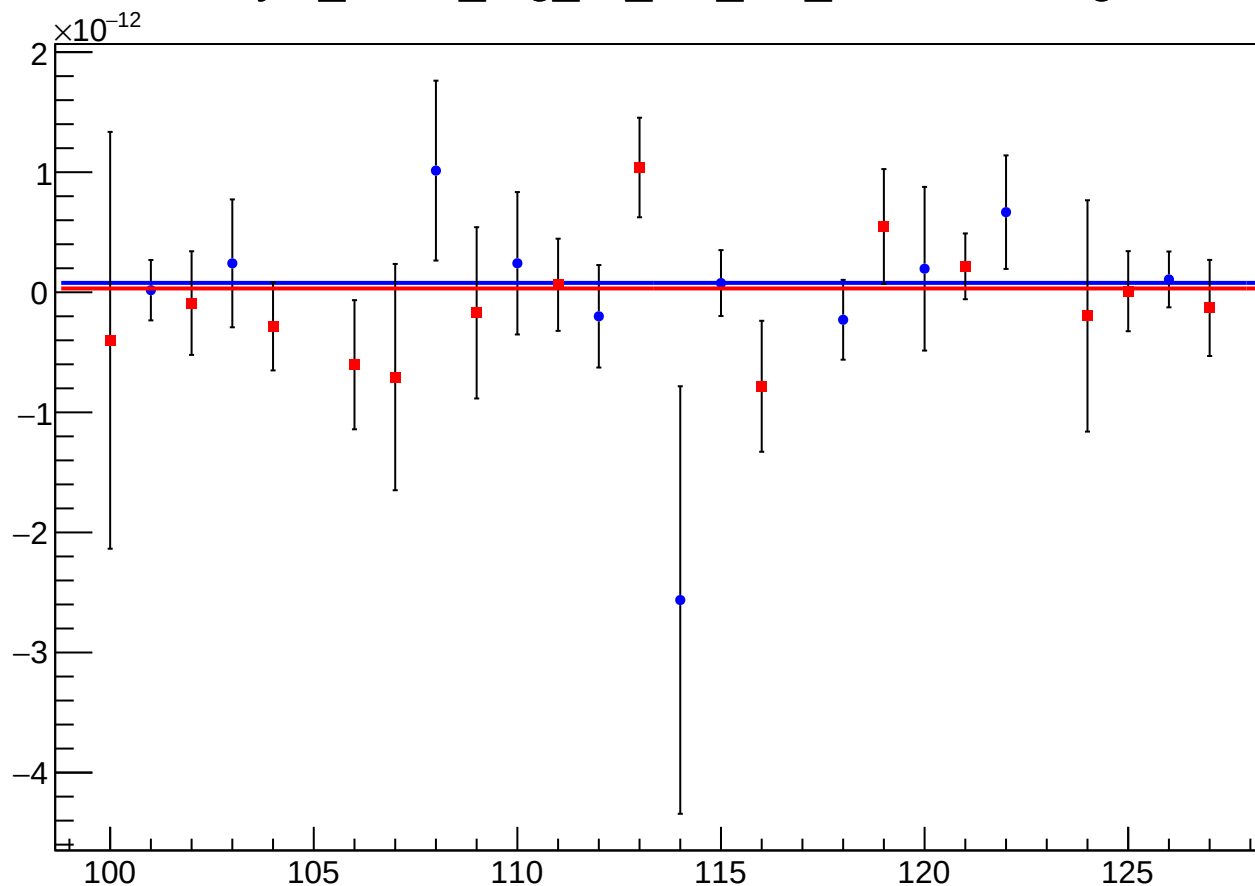
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 4329.064 ± 0.982 χ^2/NDF : 517042.5/24

- 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 : 6.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 13.0/13

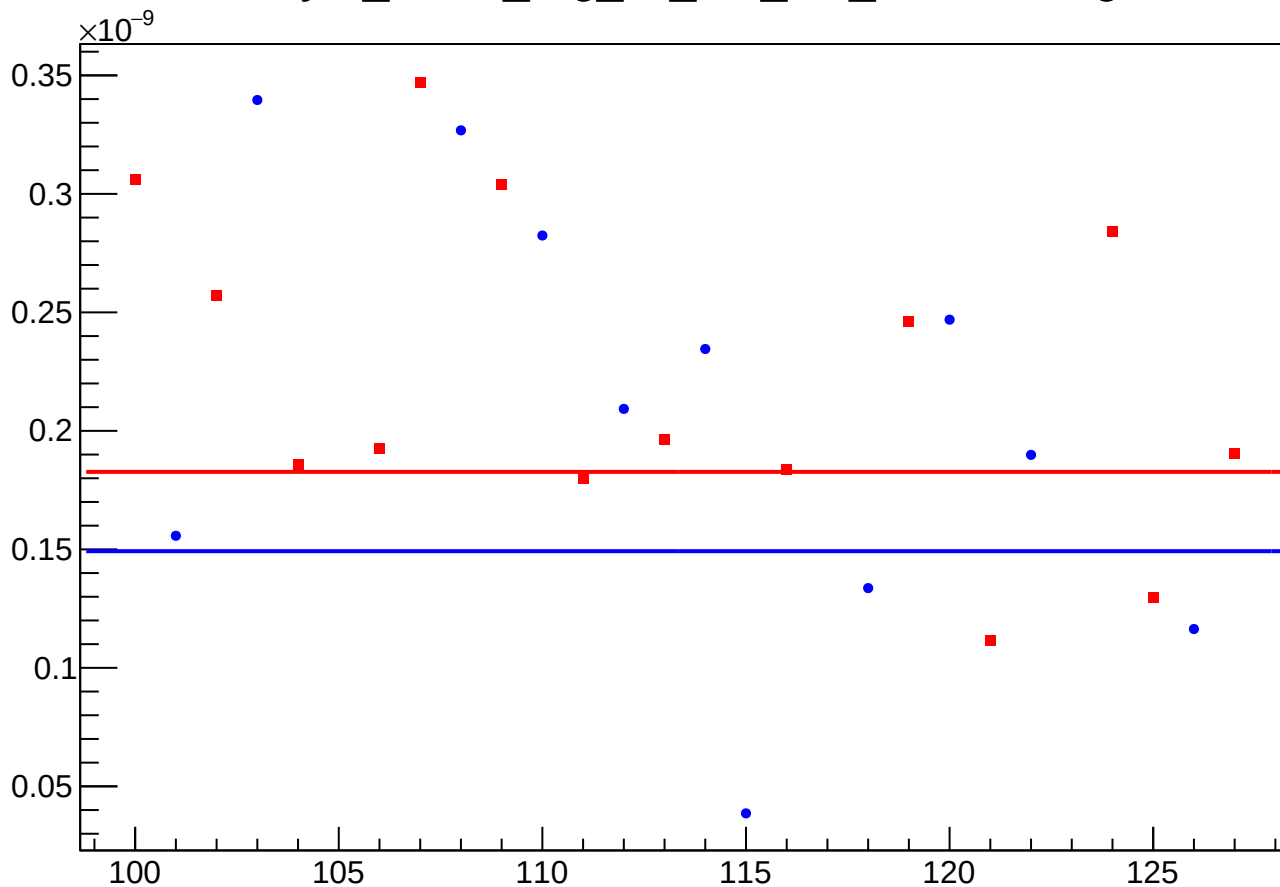
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 19.9/24

- 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+/-0.000 χ^2/NDF : 939817.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 435029.1/13

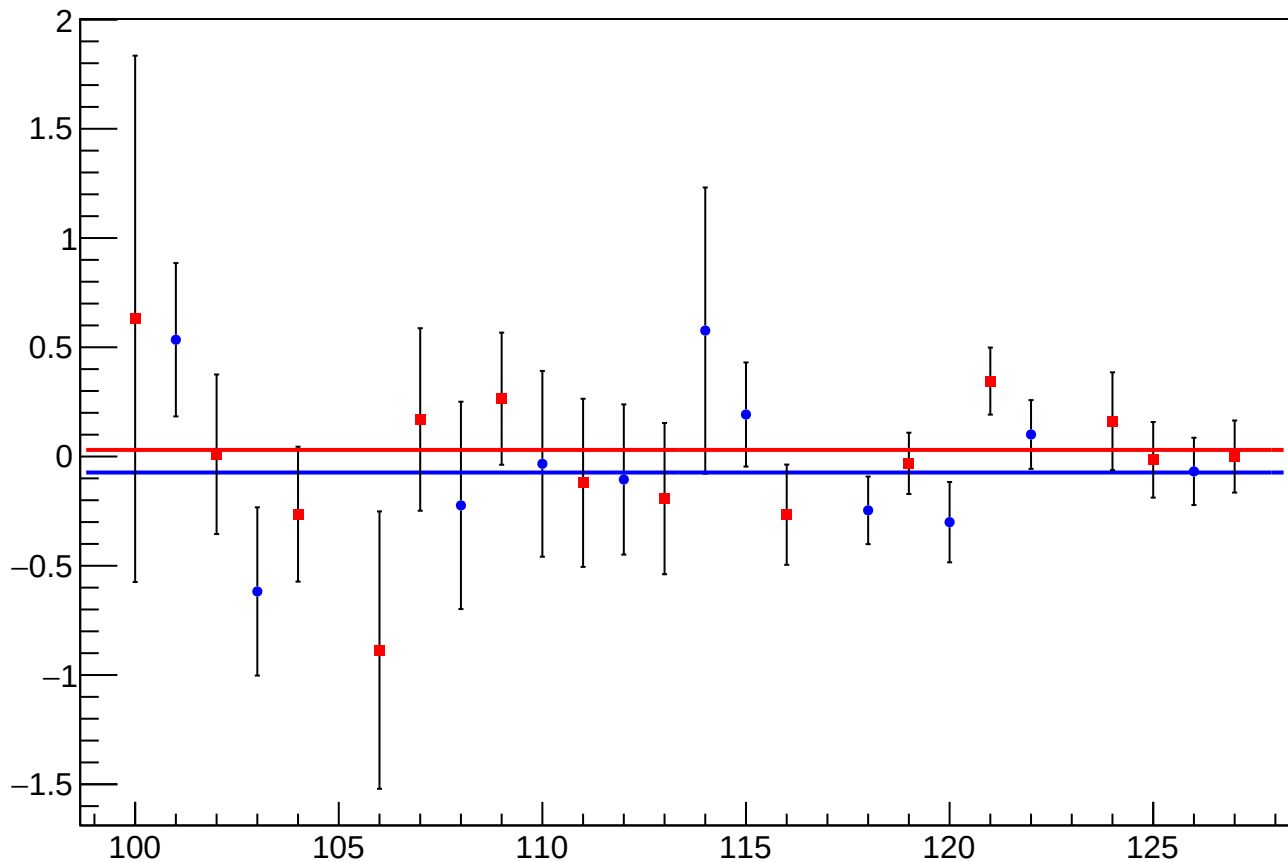
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1456878.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_dit_vs_cor_diff_mean vs Slug



Right In: -0.073 ± 0.069 χ^2/NDF : 11.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.030 ± 0.063 χ^2/NDF : 11.0/13

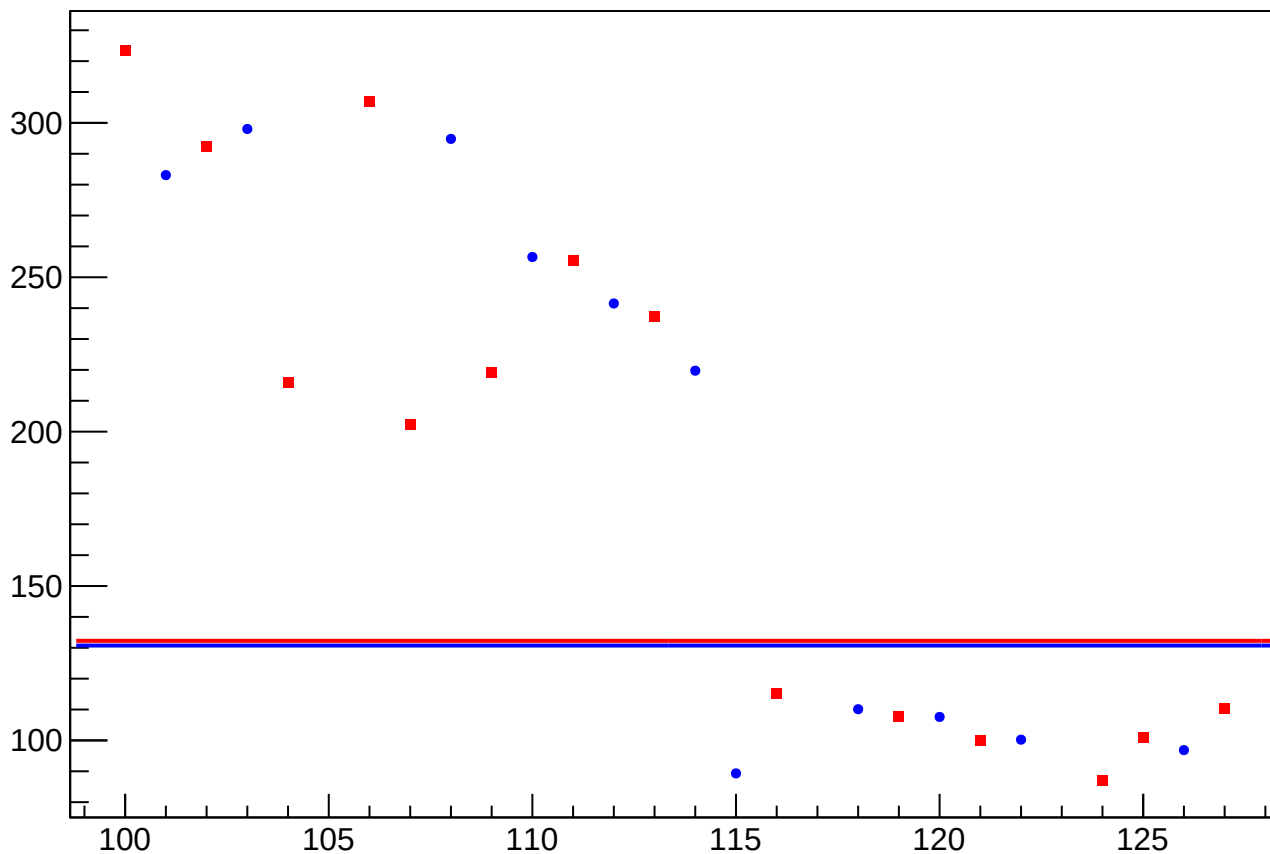
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.016 ± 0.046 χ^2/NDF : 23.6/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam2_dit_vs_cor_diff_rms vs Slug



Right In: 130.725+/-0.049 χ^2/NDF : 1713333.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 132.255+/-0.044 χ^2/NDF : 1687919.2/13

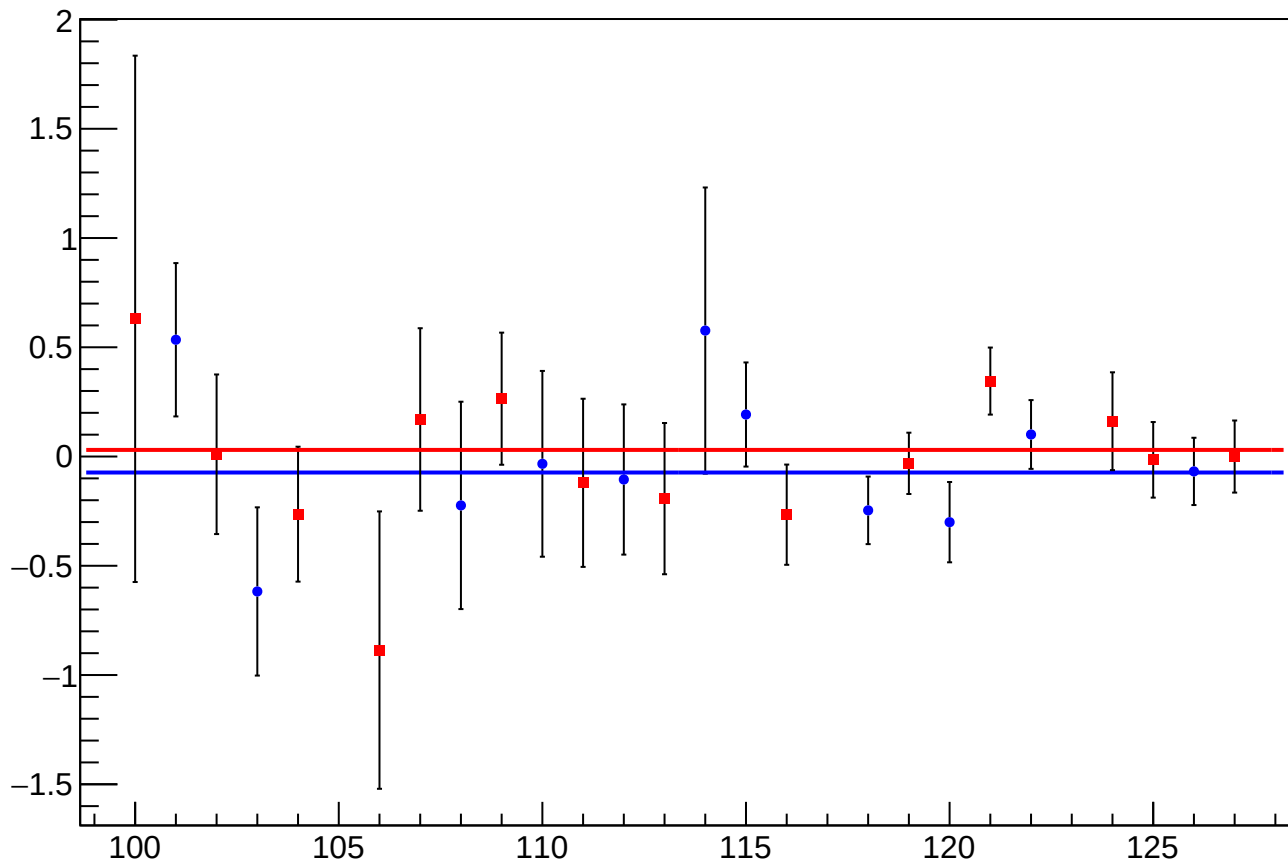
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.570+/-0.033 χ^2/NDF : 3401788.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.073 ± 0.069 χ^2/NDF : 11.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.030 ± 0.063 χ^2/NDF : 11.0/13

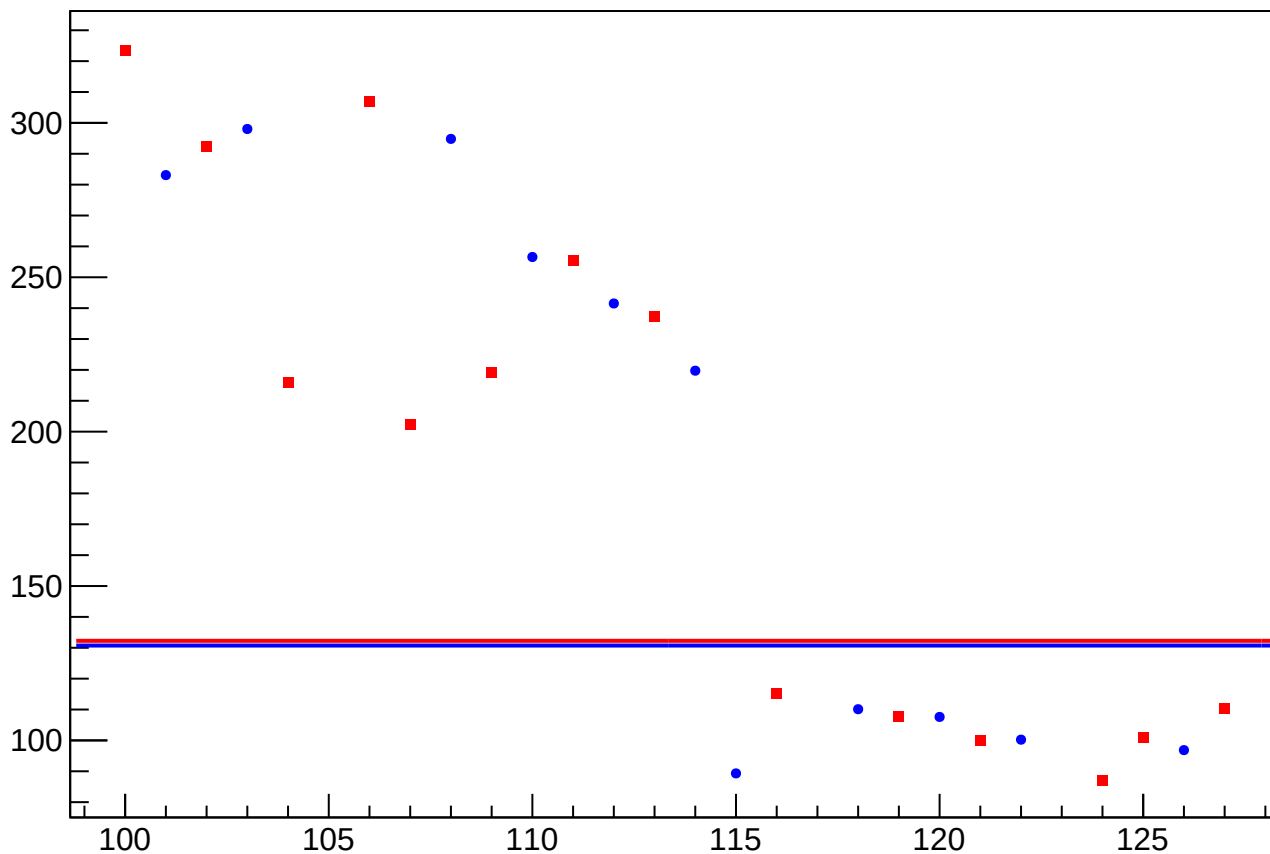
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.016 ± 0.046 χ^2/NDF : 23.6/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam2_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 130.725+/-0.049 χ^2/NDF : 1713333.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 132.255+/-0.044 χ^2/NDF : 1687919.2/13

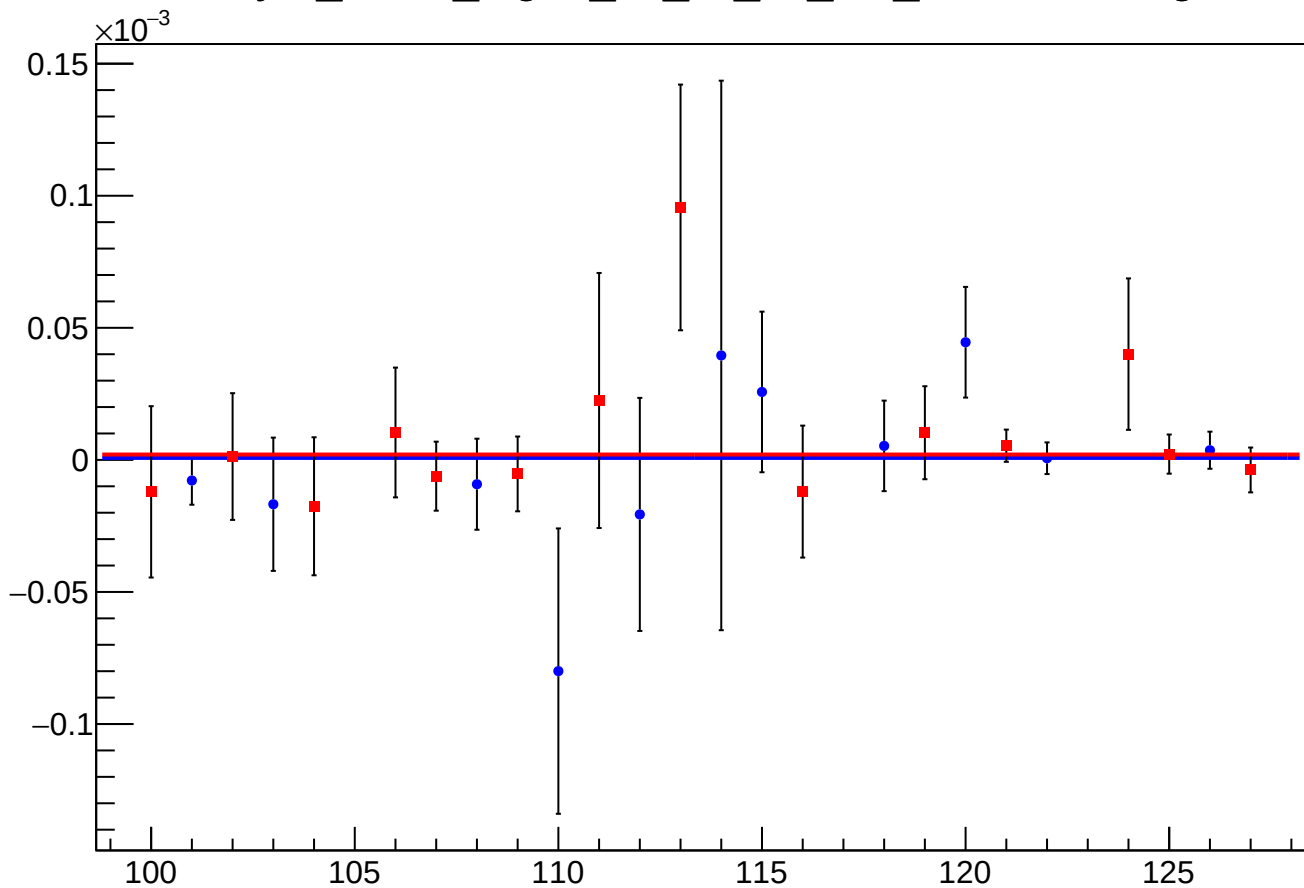
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.570+/-0.033 χ^2/NDF : 3401788.8/24

- 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 $\pm$ 0.000 χ^2 /NDF: 9.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.8/13

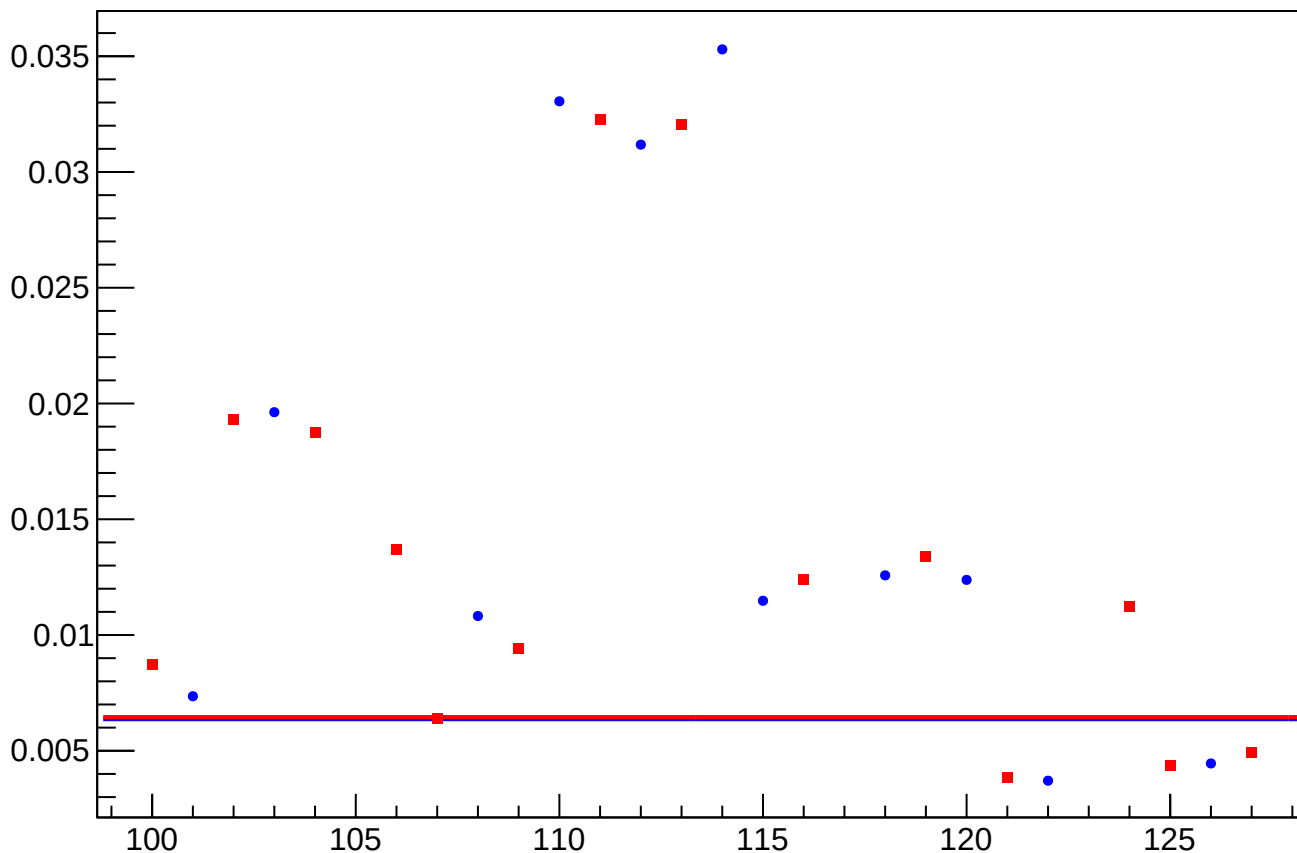
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 3011151.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 3537265.9/13

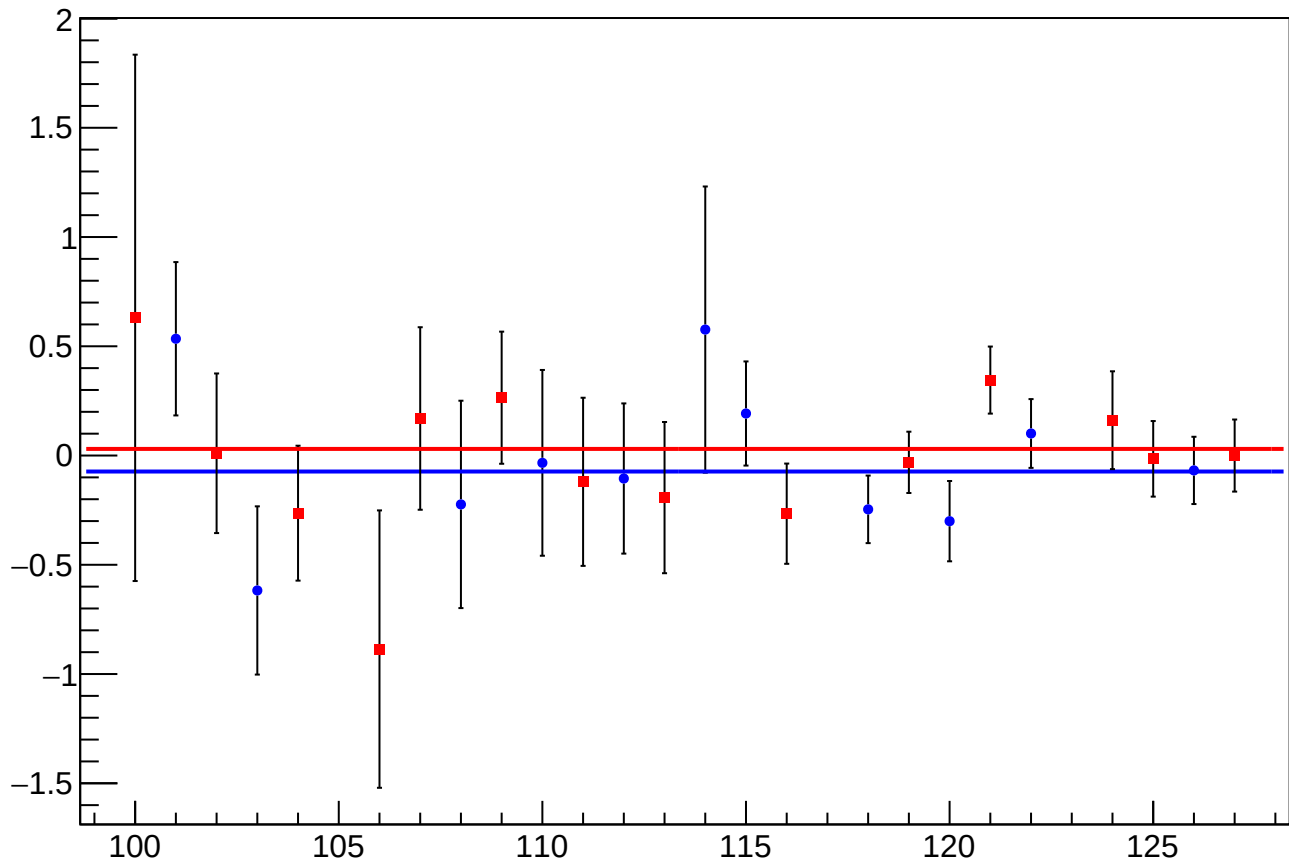
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 6549098.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.073+/-0.069 χ^2/NDF : 11.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.030+/-0.063 χ^2/NDF : 11.0/13

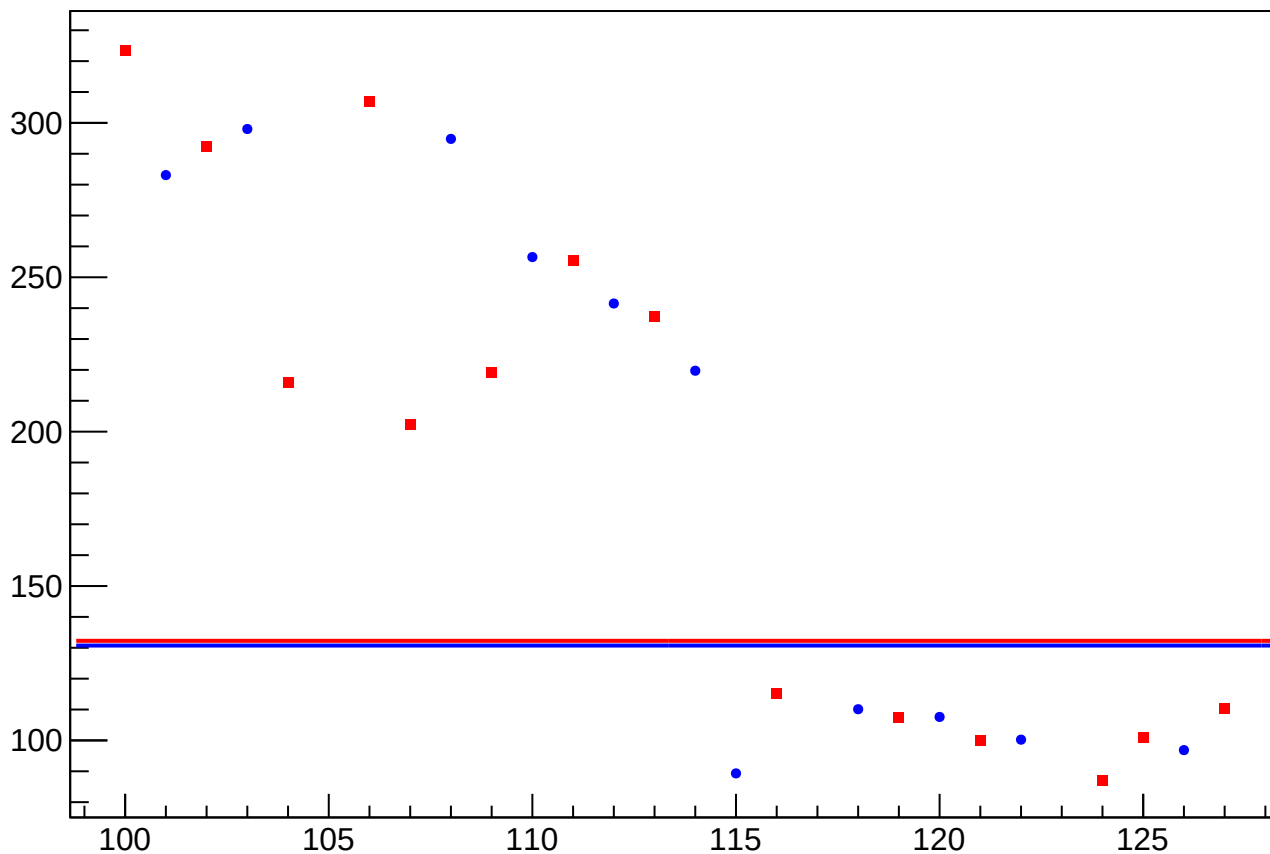
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.046 χ^2/NDF : 23.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 130.724+/-0.049 χ^2/NDF : 1713268.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 132.254+/-0.044 χ^2/NDF : 1687863.9/13

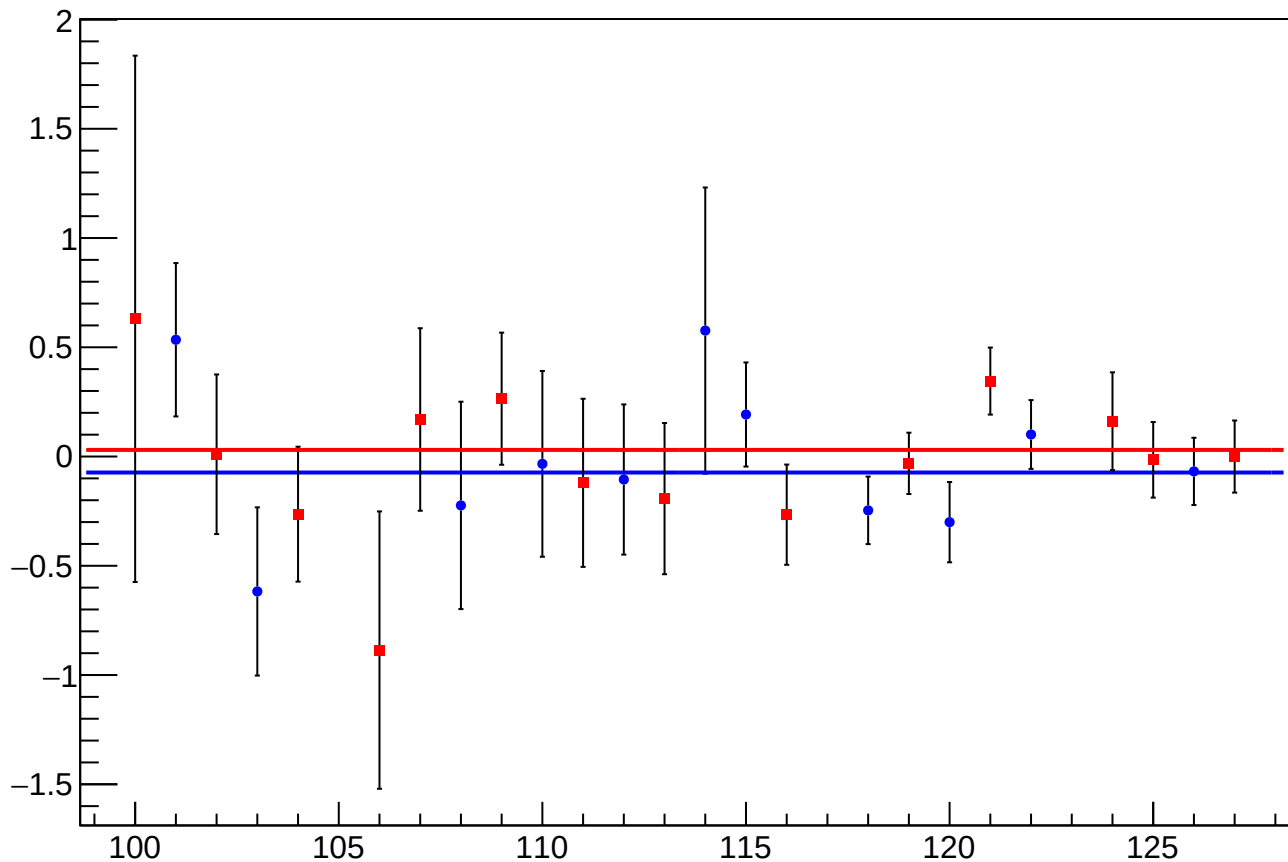
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.569+/-0.033 χ^2/NDF : 3401668.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.073+/-0.069 χ^2/NDF : 11.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.030+/-0.063 χ^2/NDF : 11.0/13

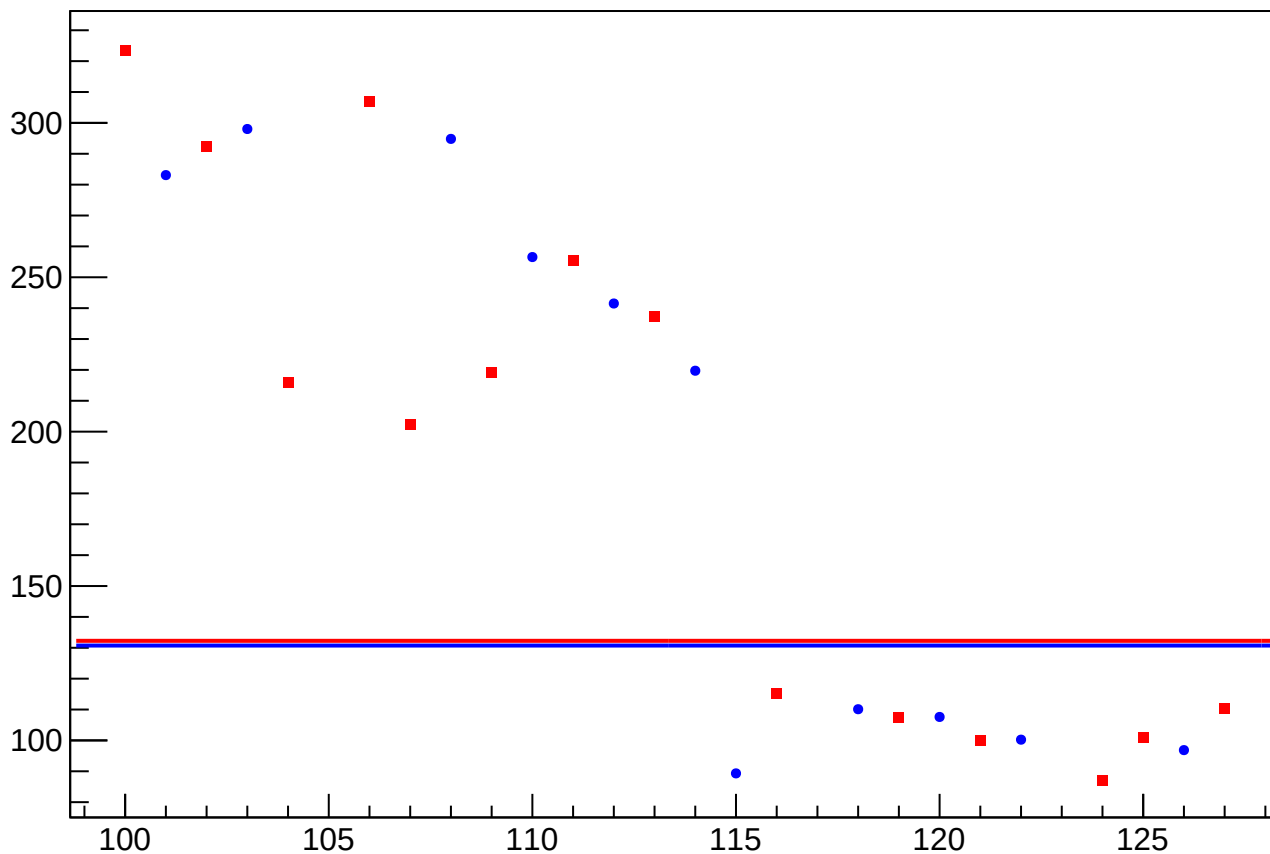
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.046 χ^2/NDF : 23.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 130.724+/-0.049 χ^2/NDF : 1713268.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 132.254+/-0.044 χ^2/NDF : 1687863.9/13

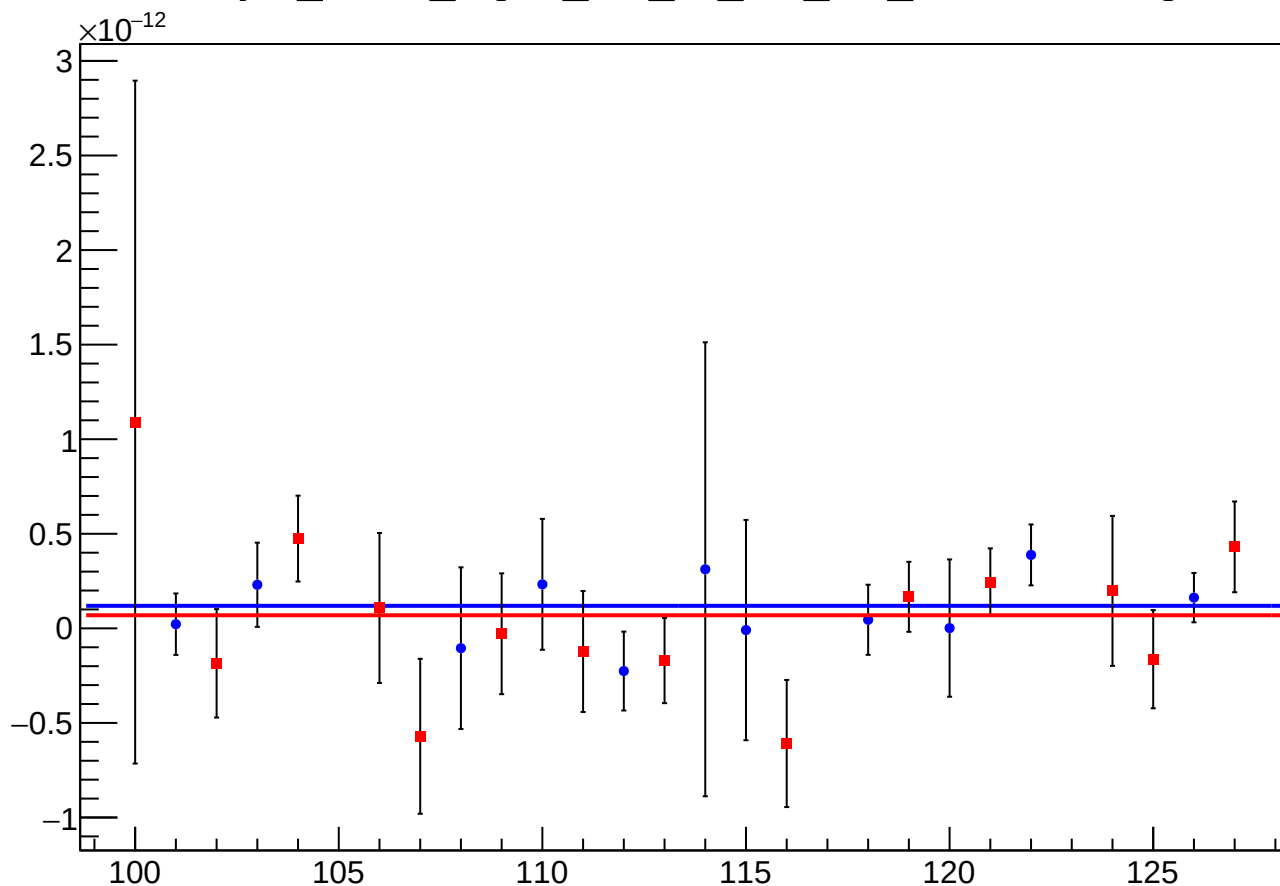
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.569+/-0.033 χ^2/NDF : 3401668.1/24

- 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 : 7.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.8/13

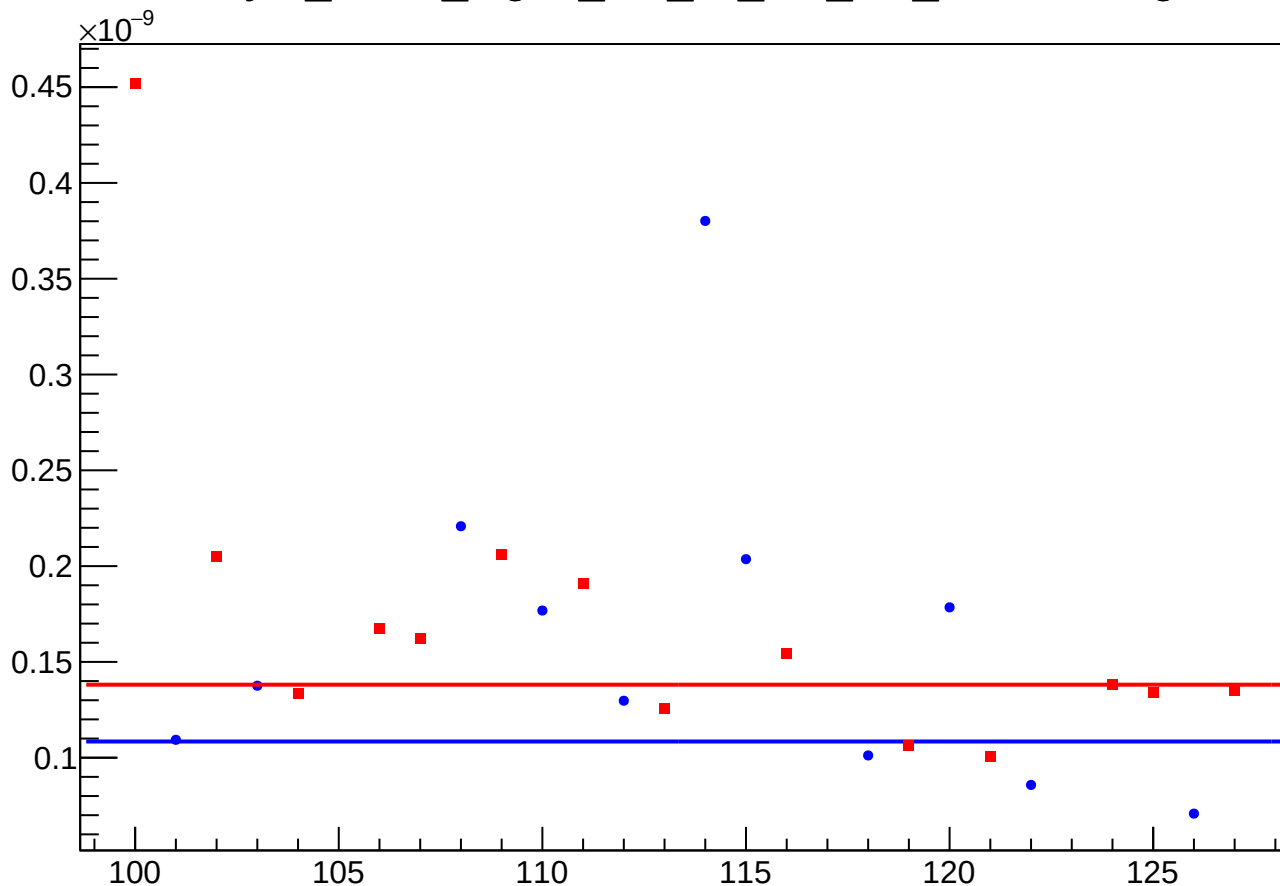
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.1/24

- 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 : 710957.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 493200.1/13

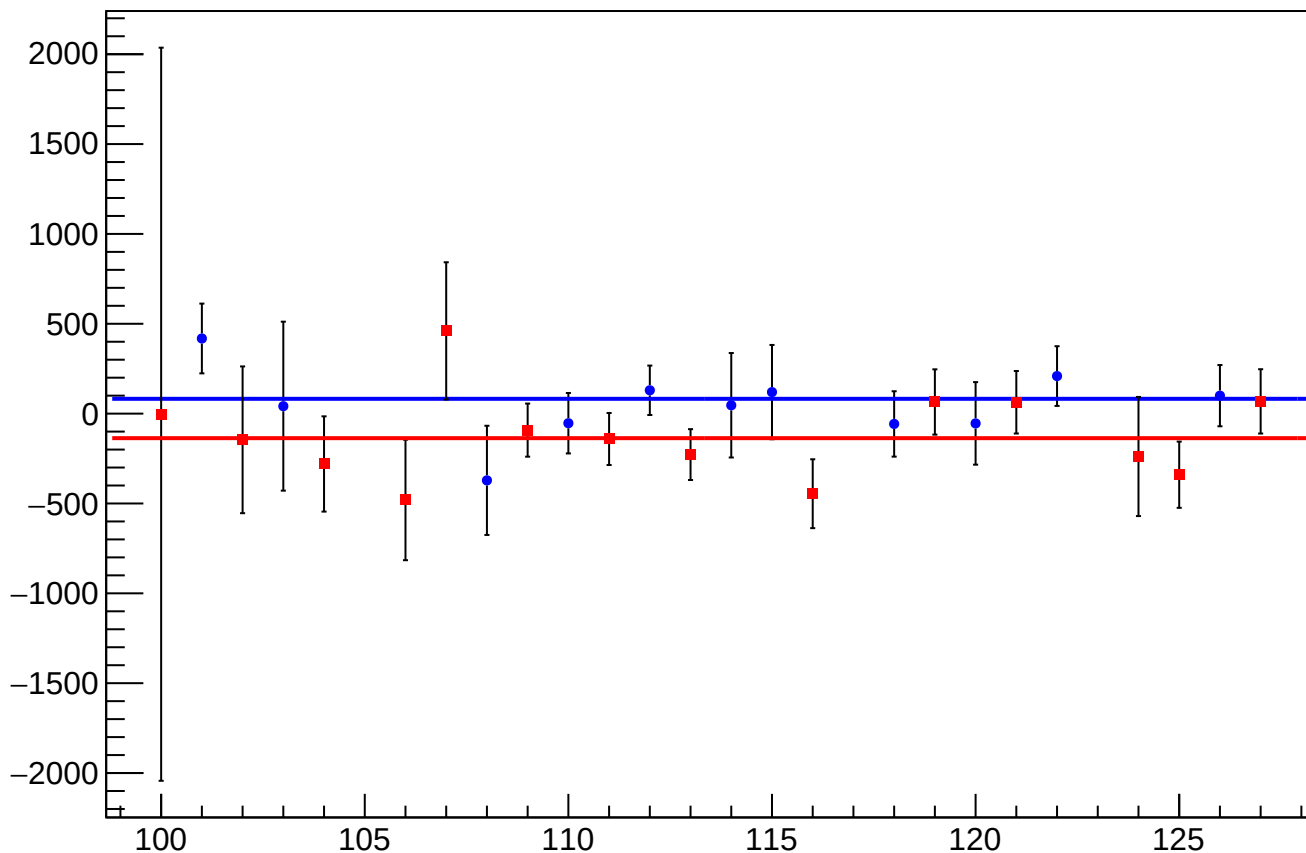
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1388957.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_mean vs Slug



Right In: 82.451+/-60.154 χ^2/NDF : 7.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -136.534+/-54.226 χ^2/NDF : 12.1/13

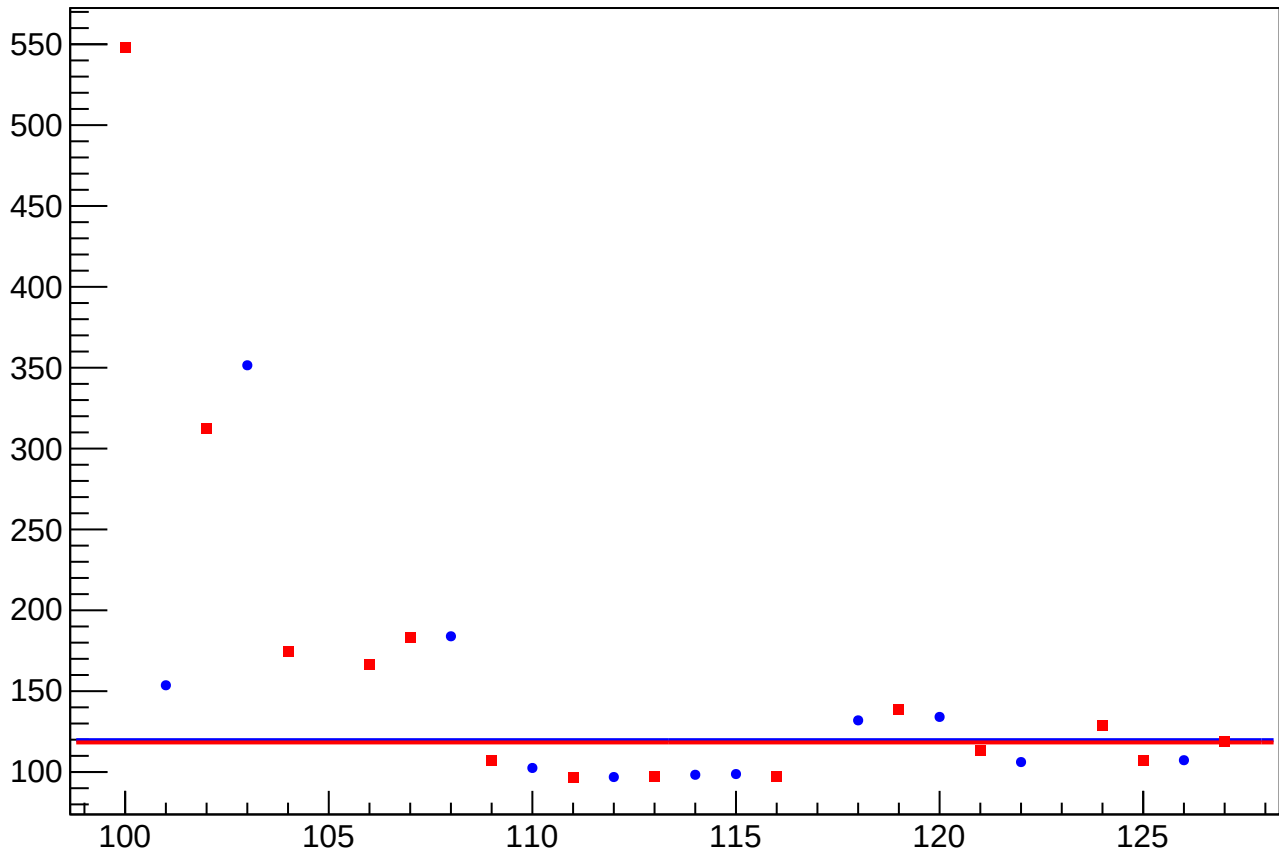
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.361+/-40.277 χ^2/NDF : 27.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_rms vs Slug



Right In: 119.706 $\pm$ 0.043 χ^2 /NDF: 776946.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 118.303 $\pm$ 0.038 χ^2 /NDF: 890264.0/13

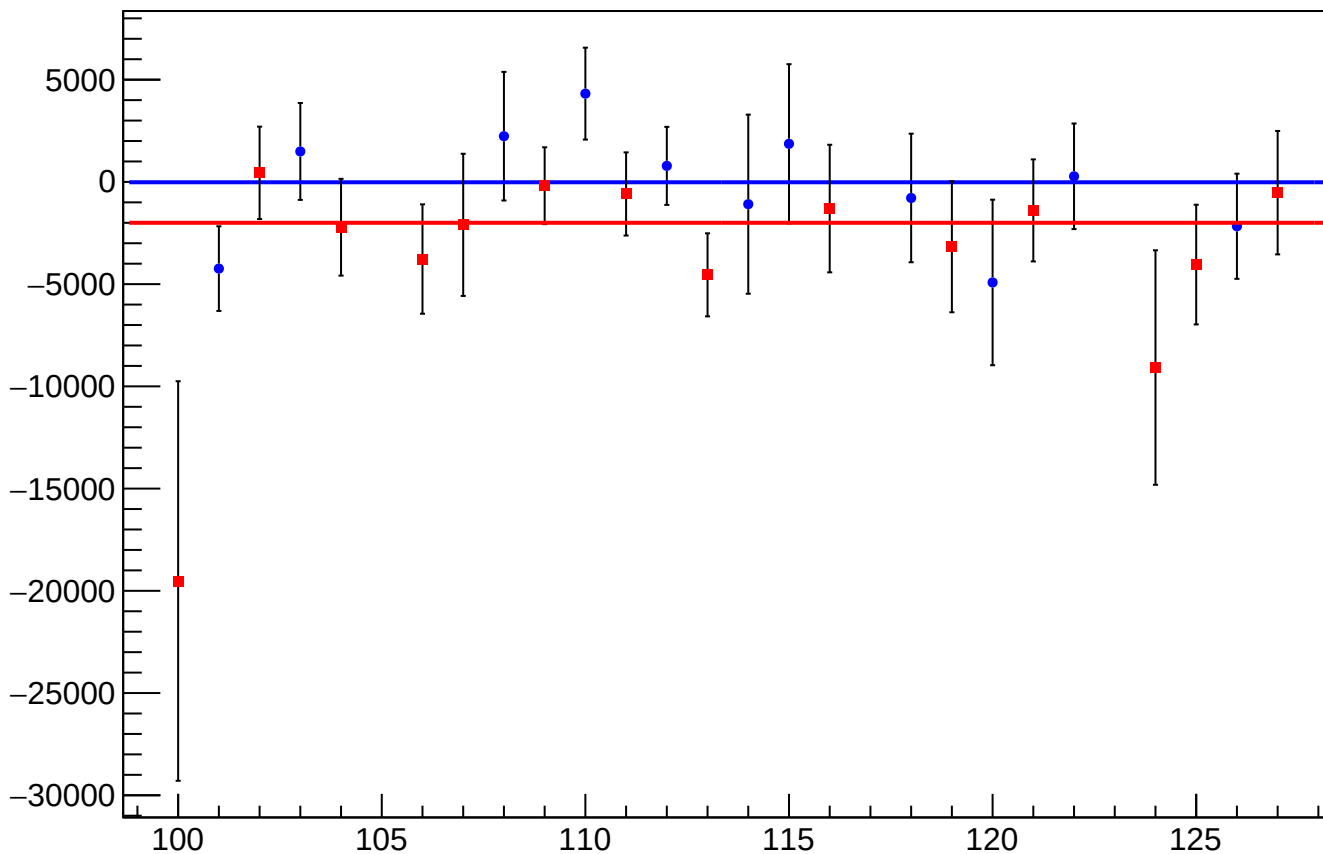
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 118.932 $\pm$ 0.028 χ^2 /NDF: 1667811.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_reg_correction_mean vs Slug



Right In: -17.834 ± 799.023 χ^2/NDF : 11.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1999.510 ± 708.478 χ^2/NDF : 10.3/13

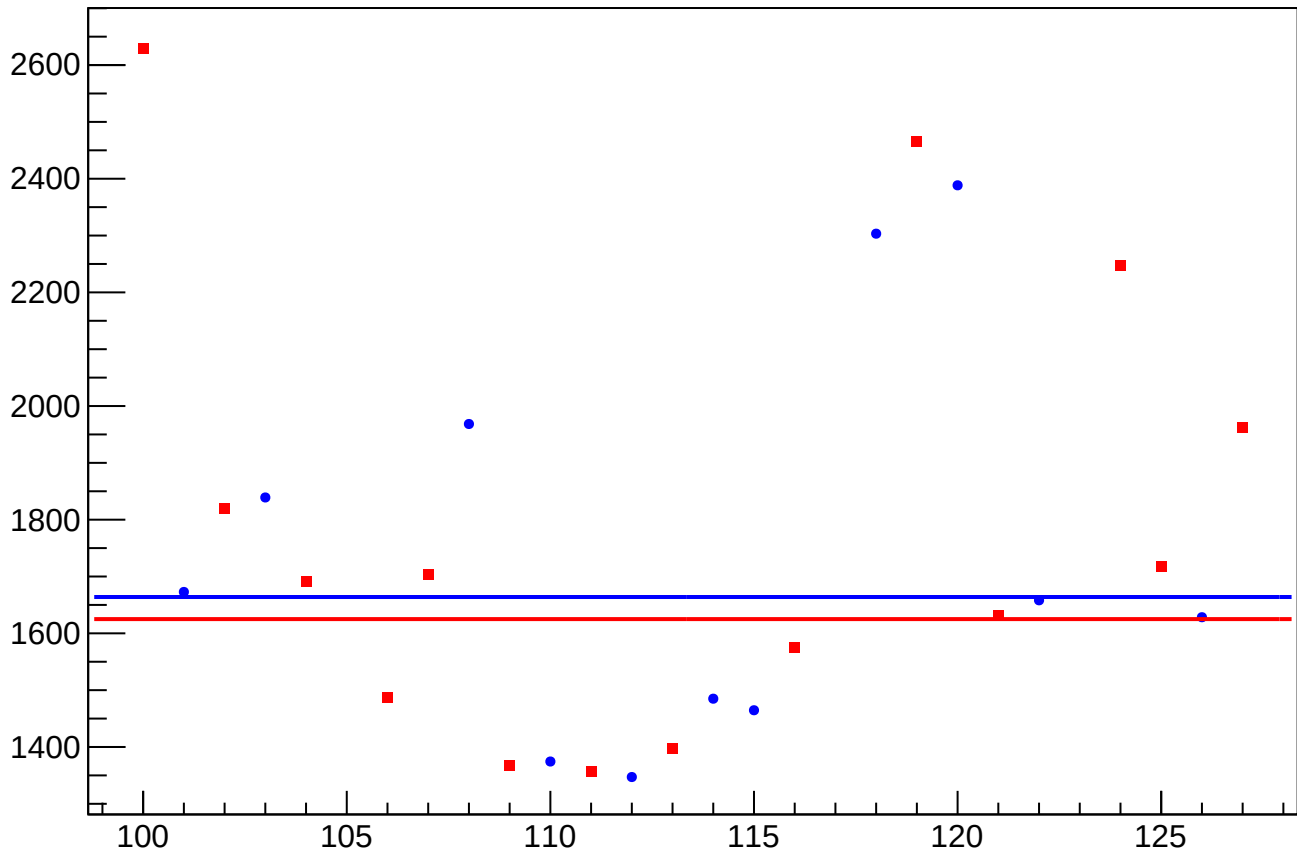
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1127.270 ± 530.104 χ^2/NDF : 25.3/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam3_reg_correction_rms vs Slug



Right In: 1663.933+/-0.565 χ^2/NDF : 273738.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1625.053+/-0.501 χ^2/NDF : 329781.4/13

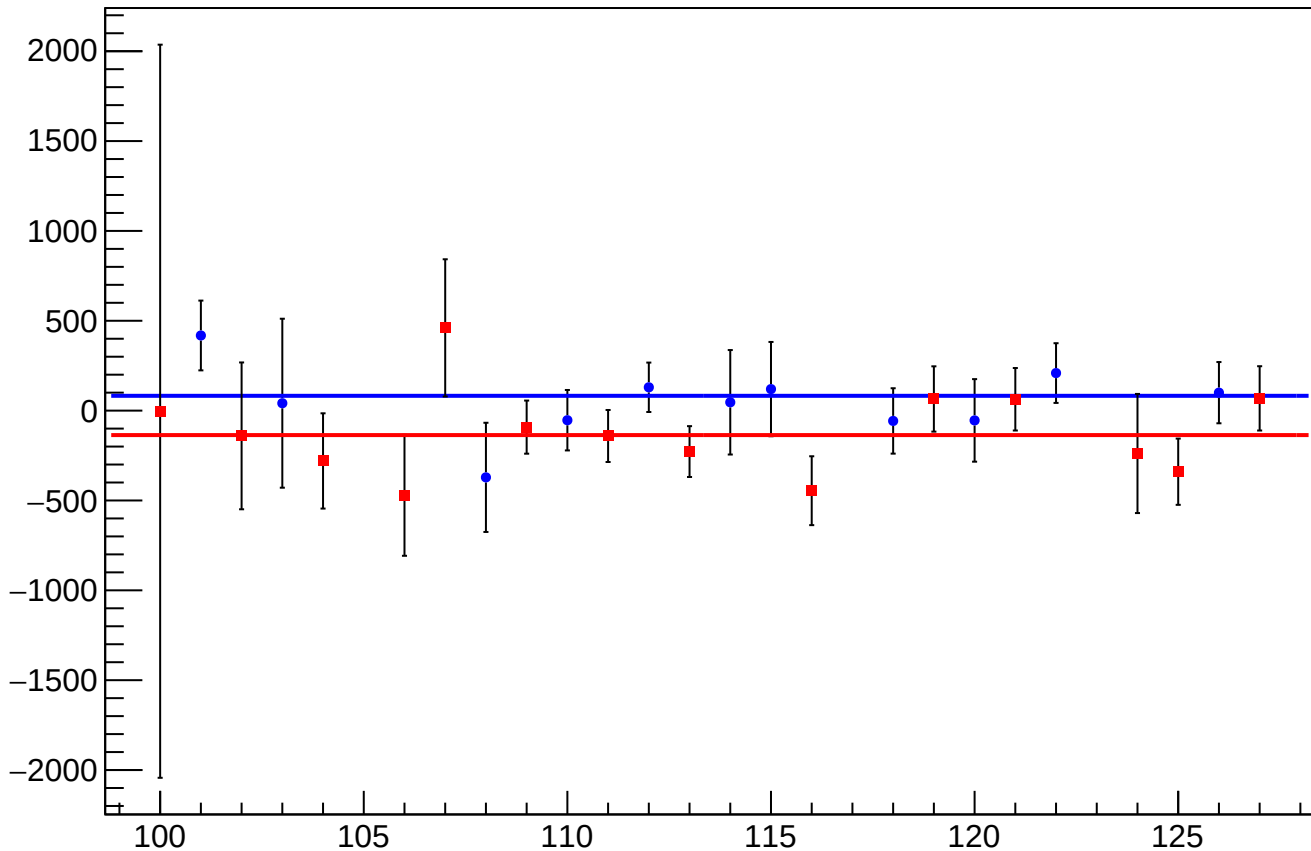
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1642.166+/-0.375 χ^2/NDF : 606171.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam3_mean vs Slug



Right In: 82.432 $\pm$ 60.154 χ^2 /NDF: 7.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -136.136 $\pm$ 54.231 χ^2 /NDF: 12.0/13

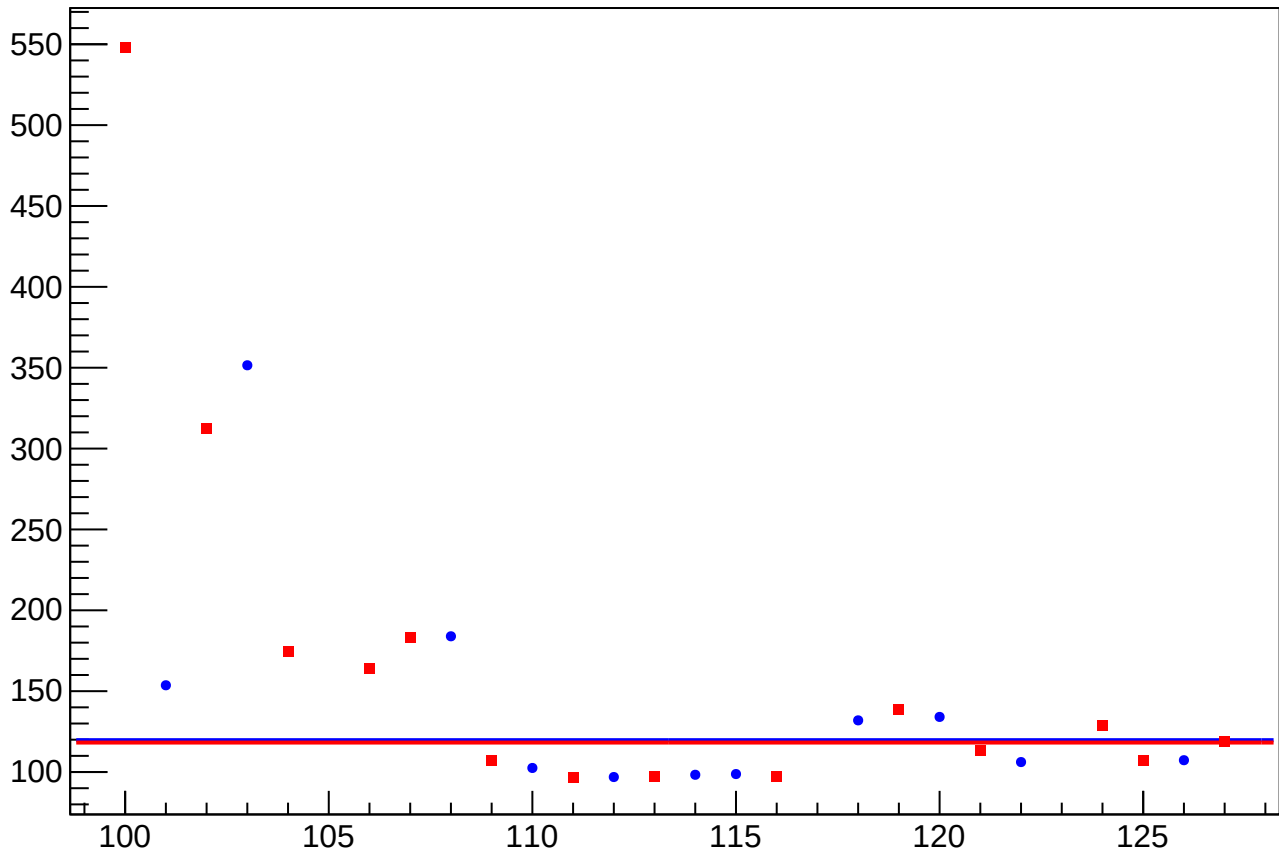
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -38.140 $\pm$ 40.279 χ^2 /NDF: 26.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam3_rms vs Slug



Right In: 119.706 $\pm$ 0.043 χ^2 /NDF: 776949.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 118.230 $\pm$ 0.038 χ^2 /NDF: 886093.0/13

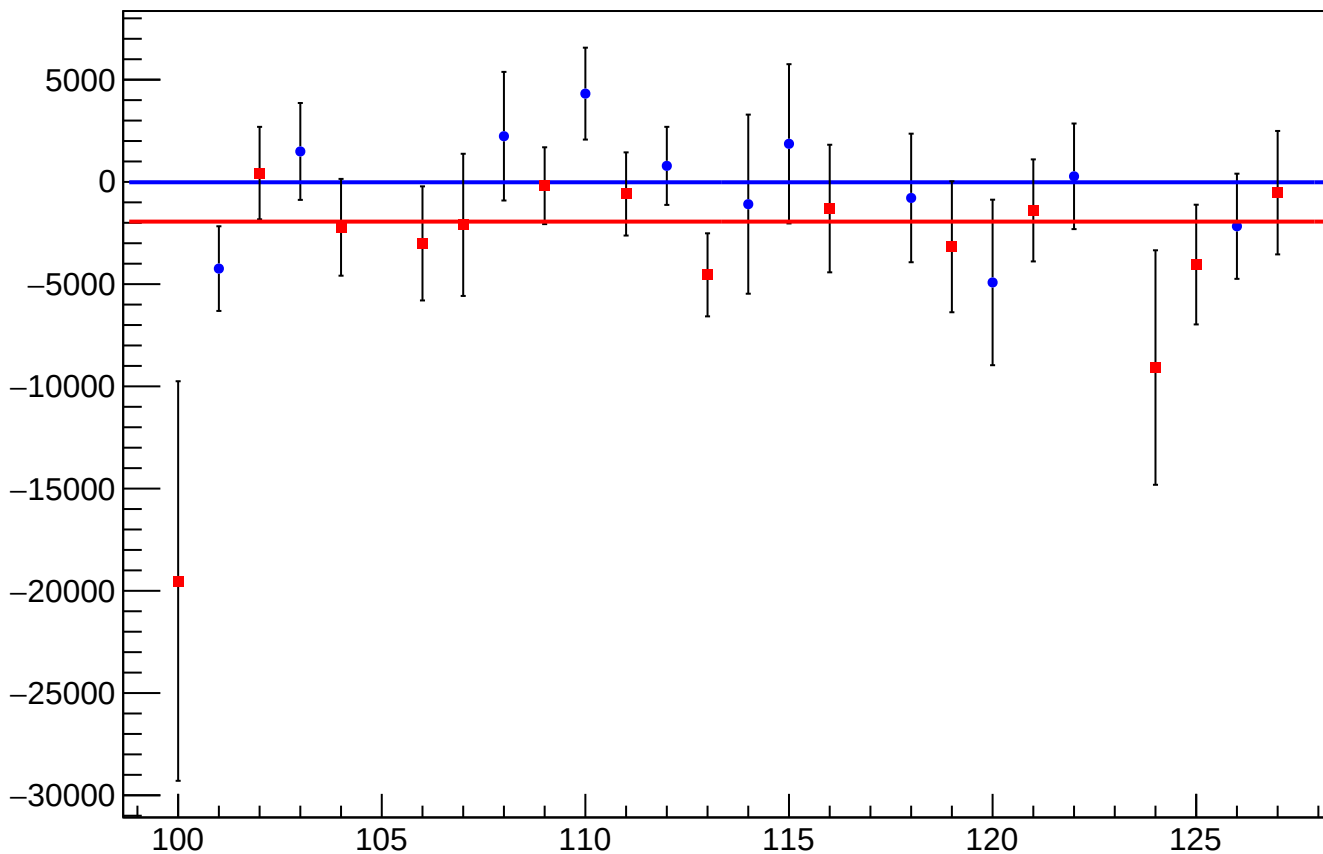
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 118.892 $\pm$ 0.028 χ^2 /NDF: 1663706.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_cor_correction_mean vs Slug



Right In: -17.800 ± 799.033 χ^2/NDF : 11.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1941.685 ± 710.557 χ^2/NDF : 10.0/13

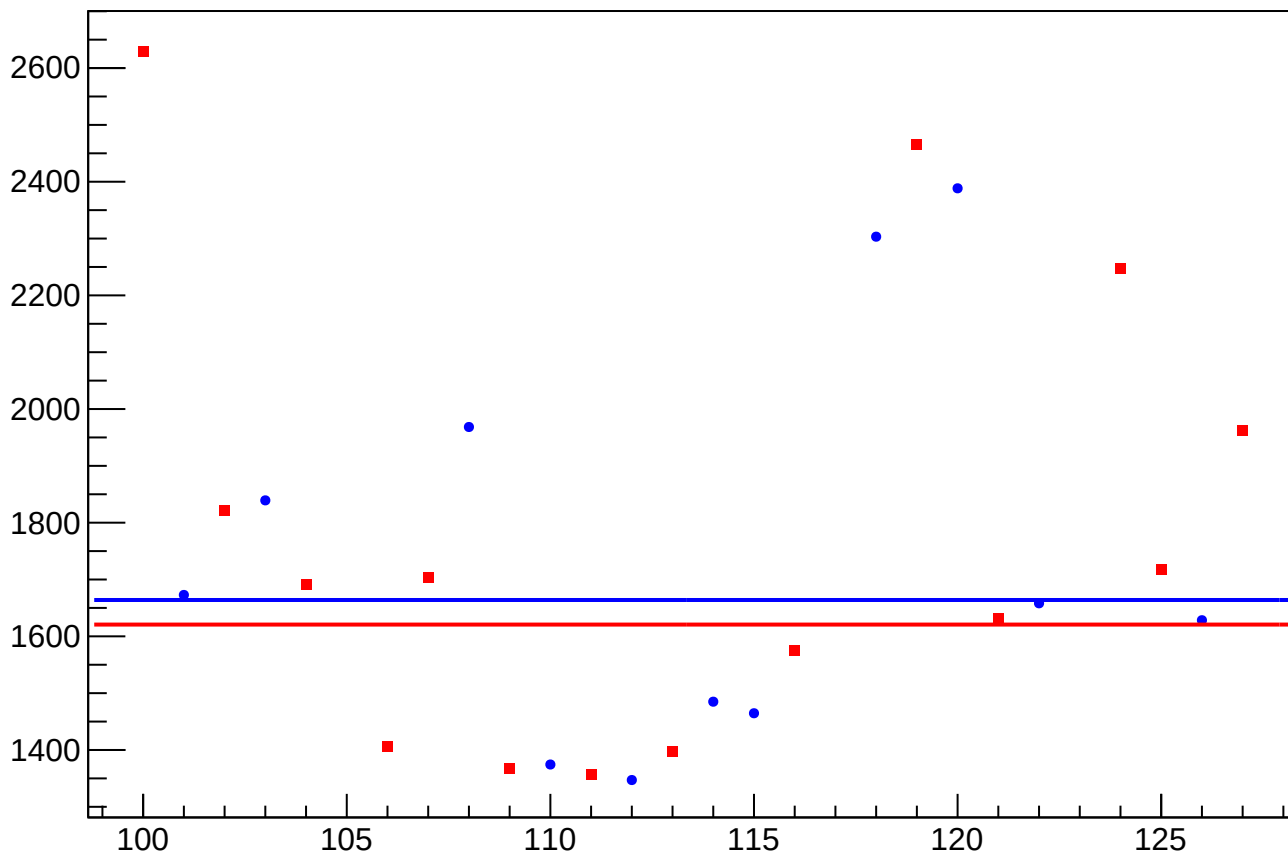
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1092.114 ± 530.976 χ^2/NDF : 24.7/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam3_cor_correction_rms vs Slug



Right In: 1663.950+/-0.565 χ^2/NDF : 273761.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1620.697+/-0.502 χ^2/NDF : 336903.5/13

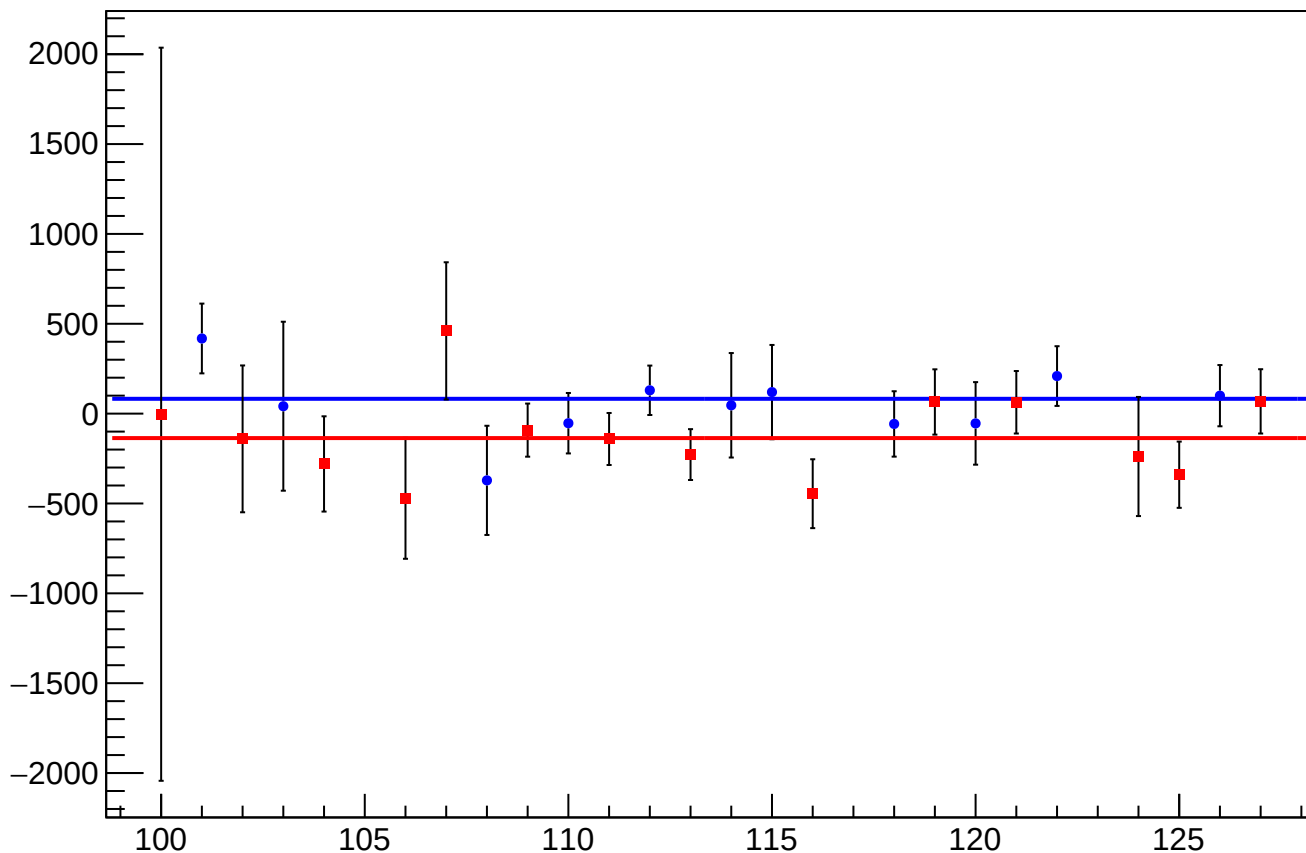
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1639.797+/-0.375 χ^2/NDF : 613937.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam3_mean vs Slug



Right In: 82.432 $\pm$ 60.154 χ^2 /NDF: 7.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -136.136 $\pm$ 54.231 χ^2 /NDF: 12.0/13

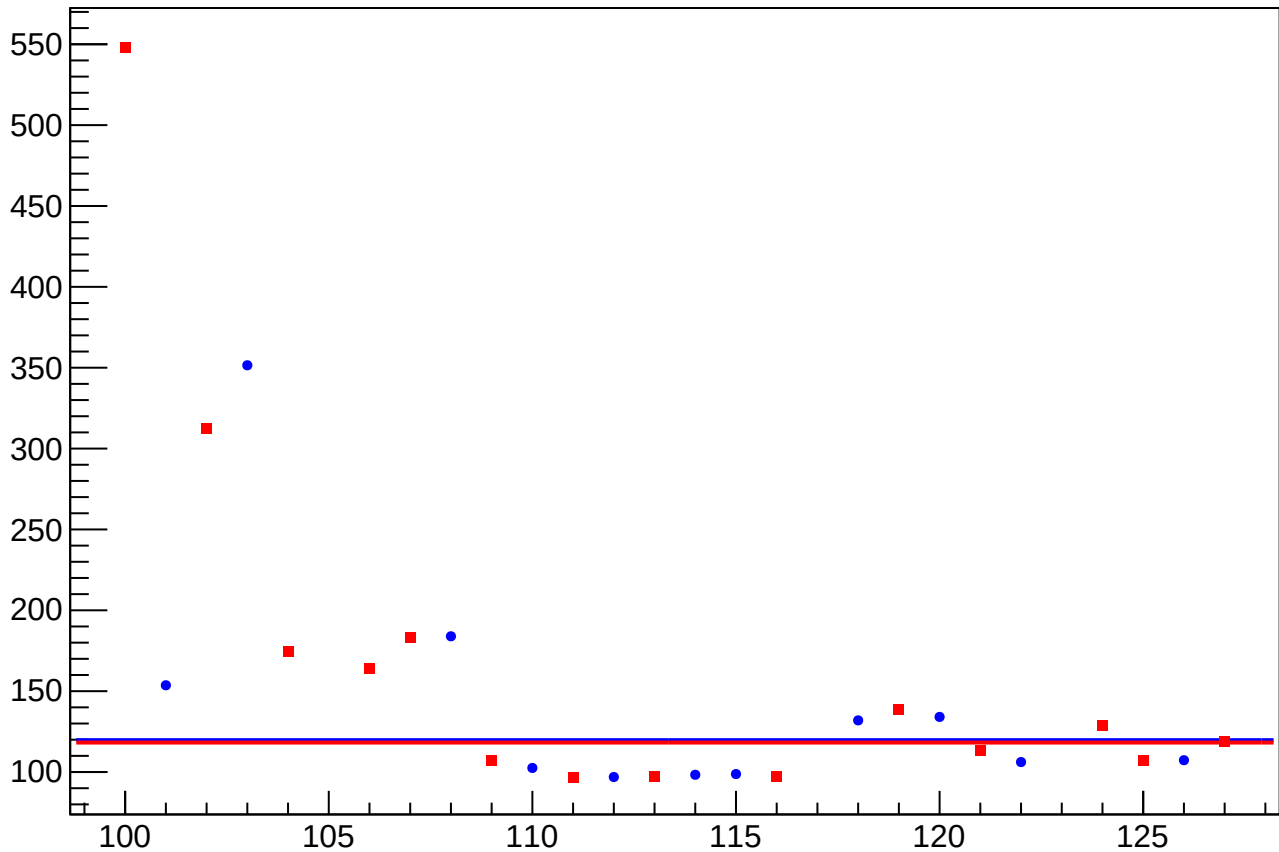
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -38.140 $\pm$ 40.279 χ^2 /NDF: 26.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam3_rms vs Slug



Right In: 119.706 $\pm$ 0.043 χ^2 /NDF: 776949.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 118.230 $\pm$ 0.038 χ^2 /NDF: 886093.0/13

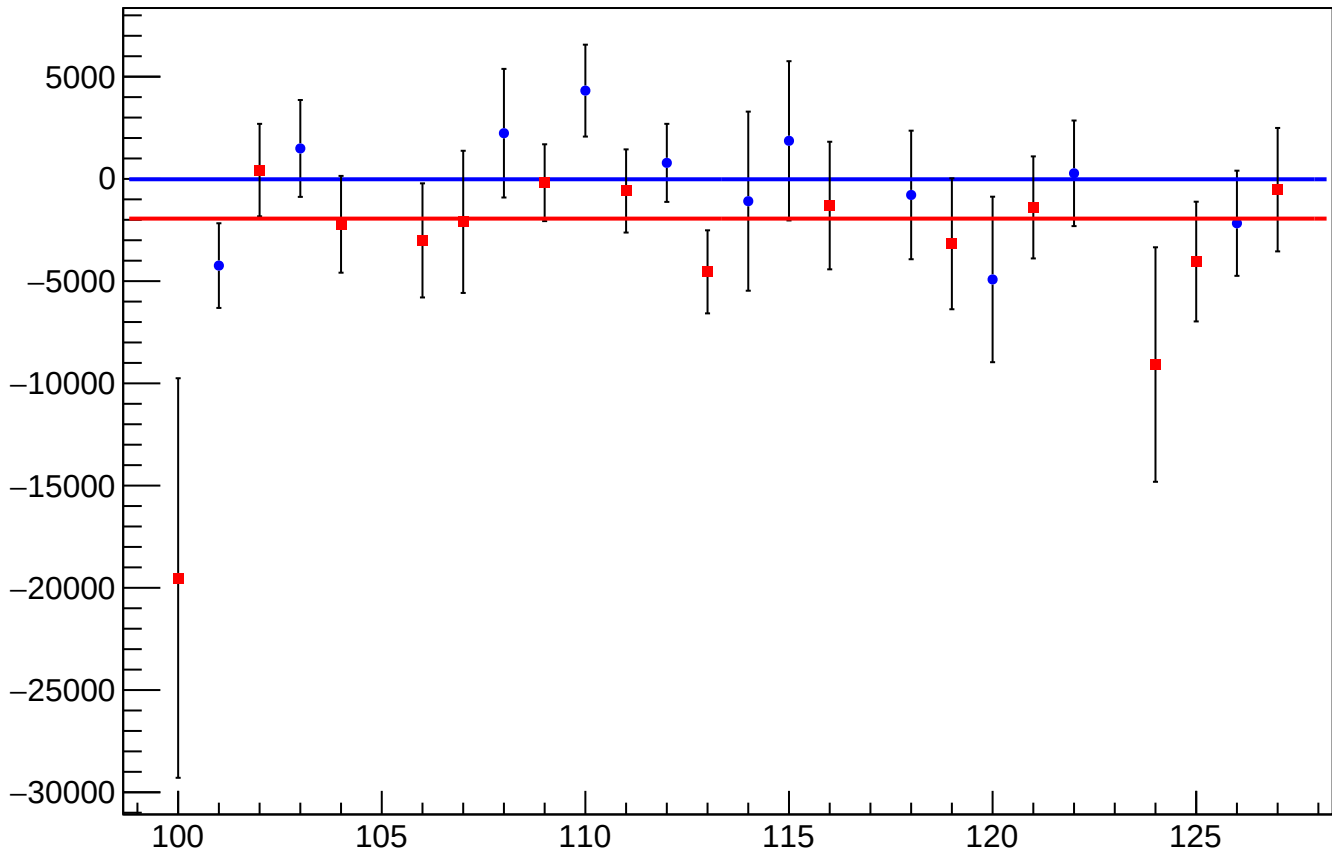
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 118.892 $\pm$ 0.028 χ^2 /NDF: 1663706.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_eigen_cor_correction_mean vs Slug



Right In: -17.800+/-799.033 χ^2/NDF : 11.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1941.685+/-710.557 χ^2/NDF : 10.0/13

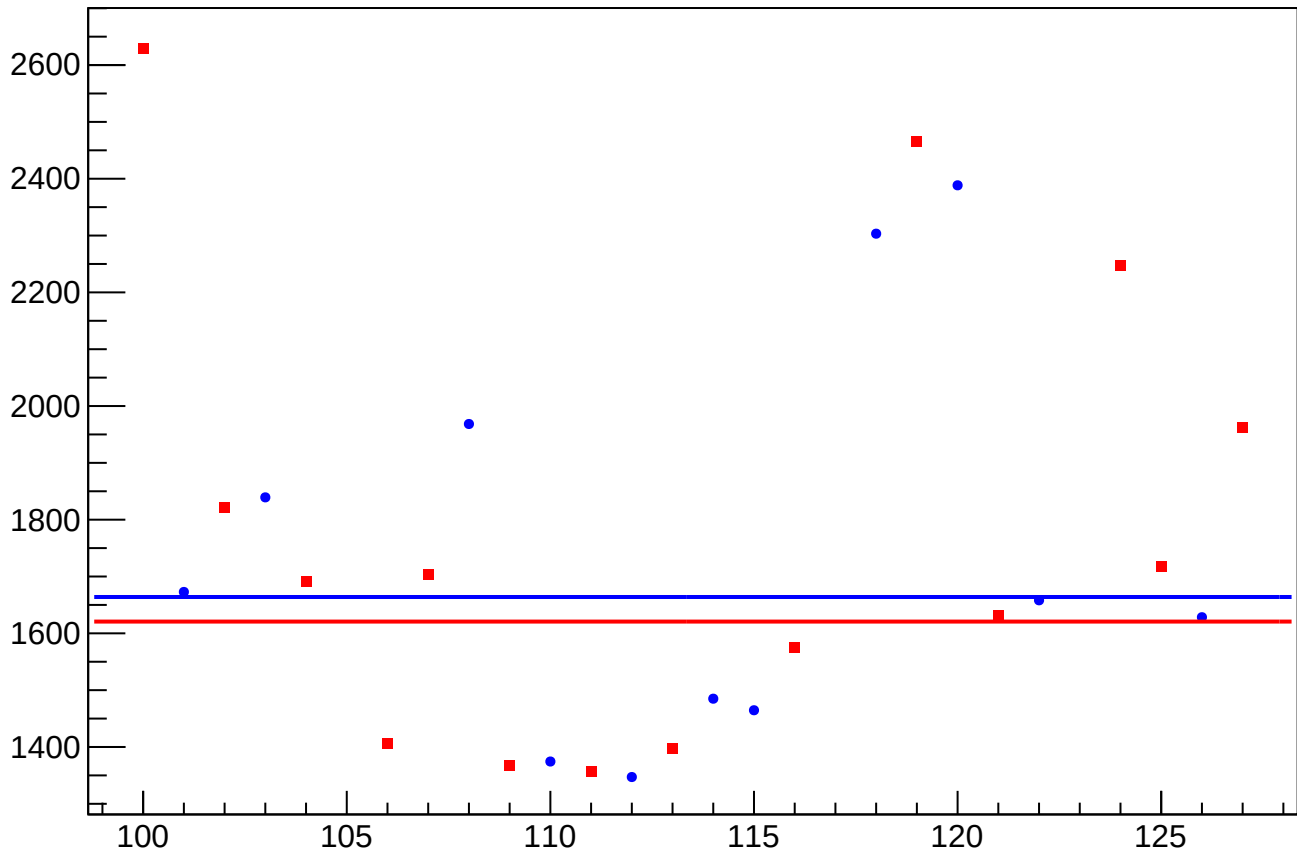
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1092.114+/-530.976 χ^2/NDF : 24.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_cor_correction_rms vs Slug



Right In: 1663.950+/-0.565 χ^2/NDF : 273761.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

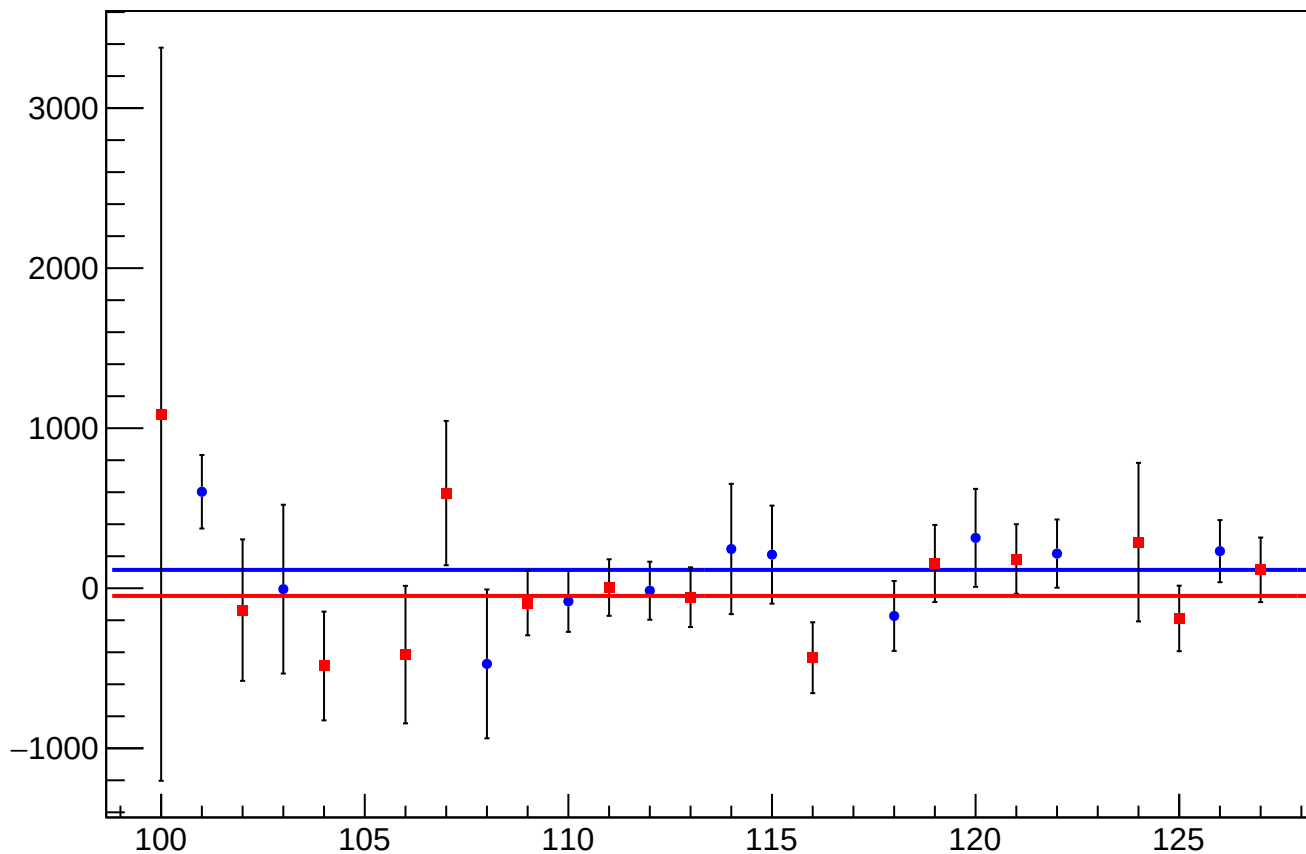
Right Out: 1620.697+/-0.502 χ^2/NDF : 336903.5/13

All: 1639.797+/-0.375 χ^2/NDF : 613937.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam3_mean vs Slug



Right In: 114.753 $\pm$ 74.129 χ^2 /NDF: 10.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -47.889 $\pm$ 67.267 χ^2 /NDF: 11.3/13

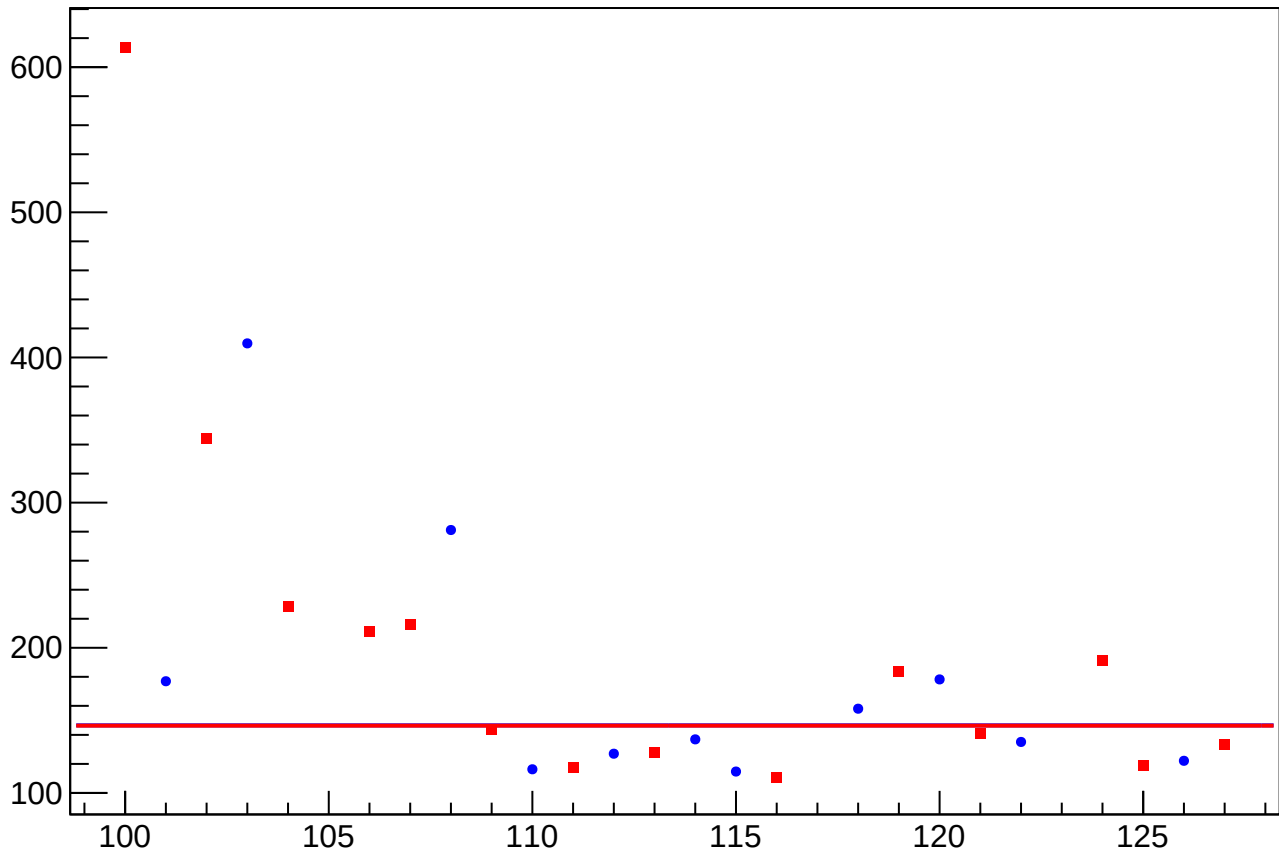
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 25.557 $\pm$ 49.815 χ^2 /NDF: 24.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam3_rms vs Slug



Right In: 146.560 $\pm$ 0.052 χ^2 /NDF: 860874.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 146.354 $\pm$ 0.048 χ^2 /NDF: 928674.2/13

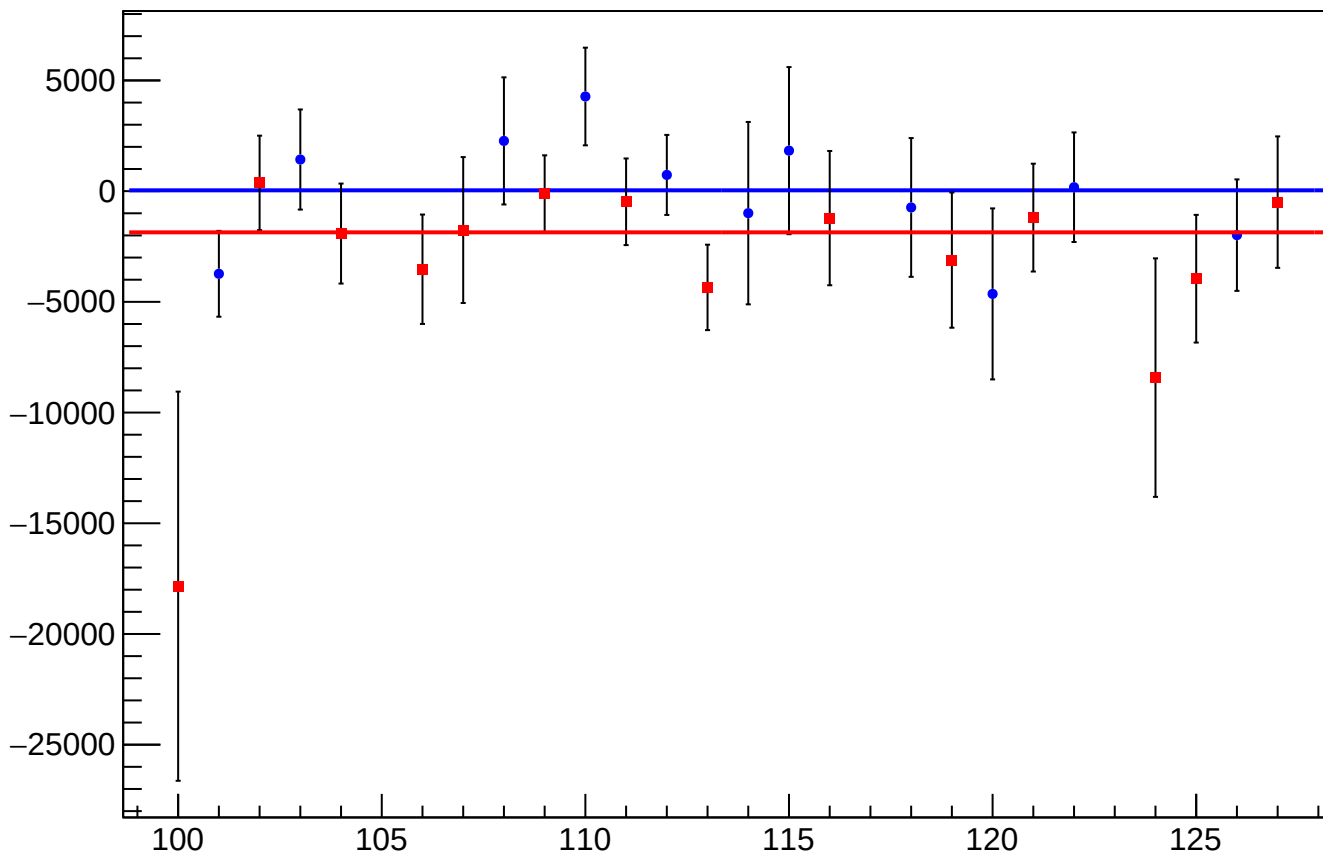
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 146.447 $\pm$ 0.035 χ^2 /NDF: 1789557.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_dit_correction_mean vs Slug



Right In: 37.174+/-763.762 χ^2/NDF : 11.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1860.538+/-674.513 χ^2/NDF : 10.5/13

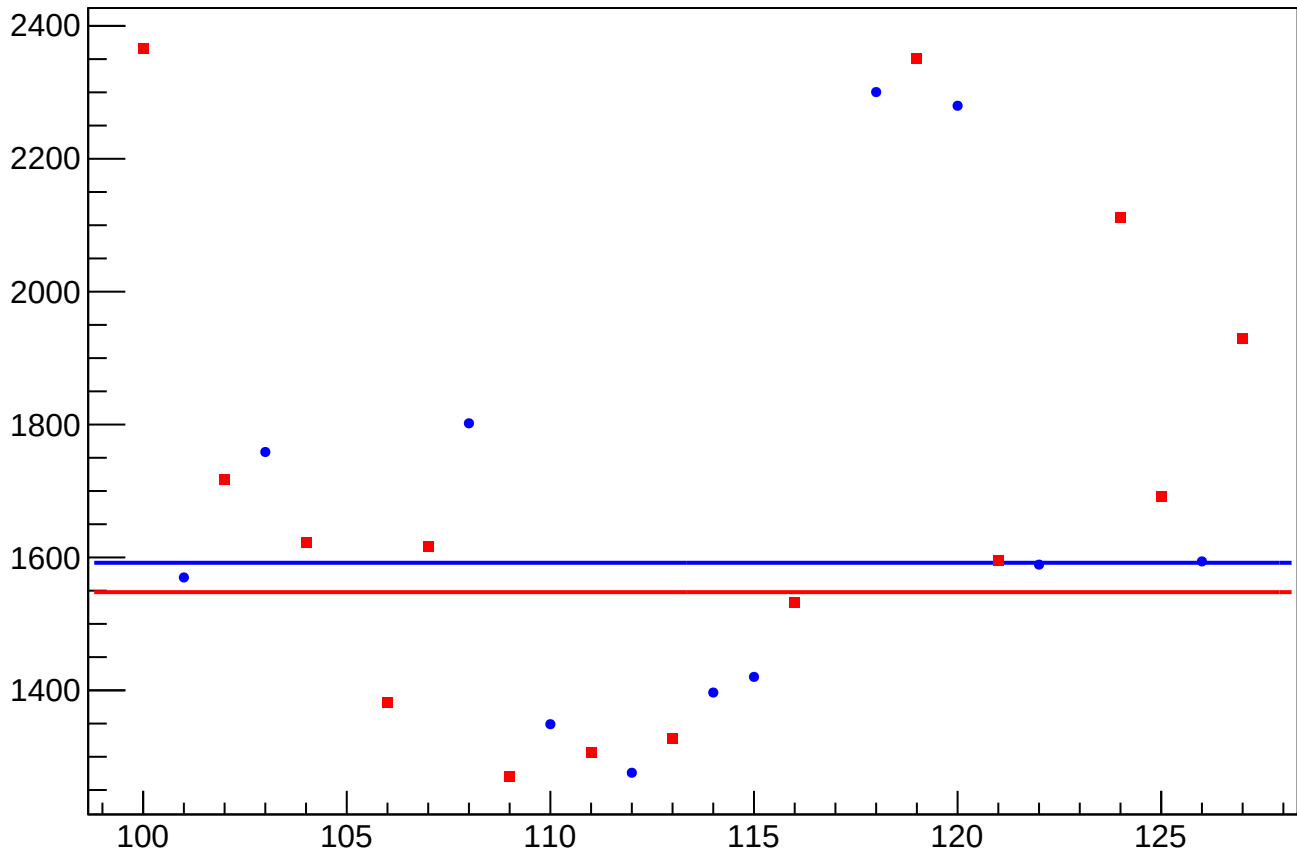
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1028.989+/-505.577 χ^2/NDF : 25.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_dit_correction_rms vs Slug



Right In: 1591.986+/-0.540 χ^2/NDF : 281578.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1547.766+/-0.477 χ^2/NDF : 348829.7/13

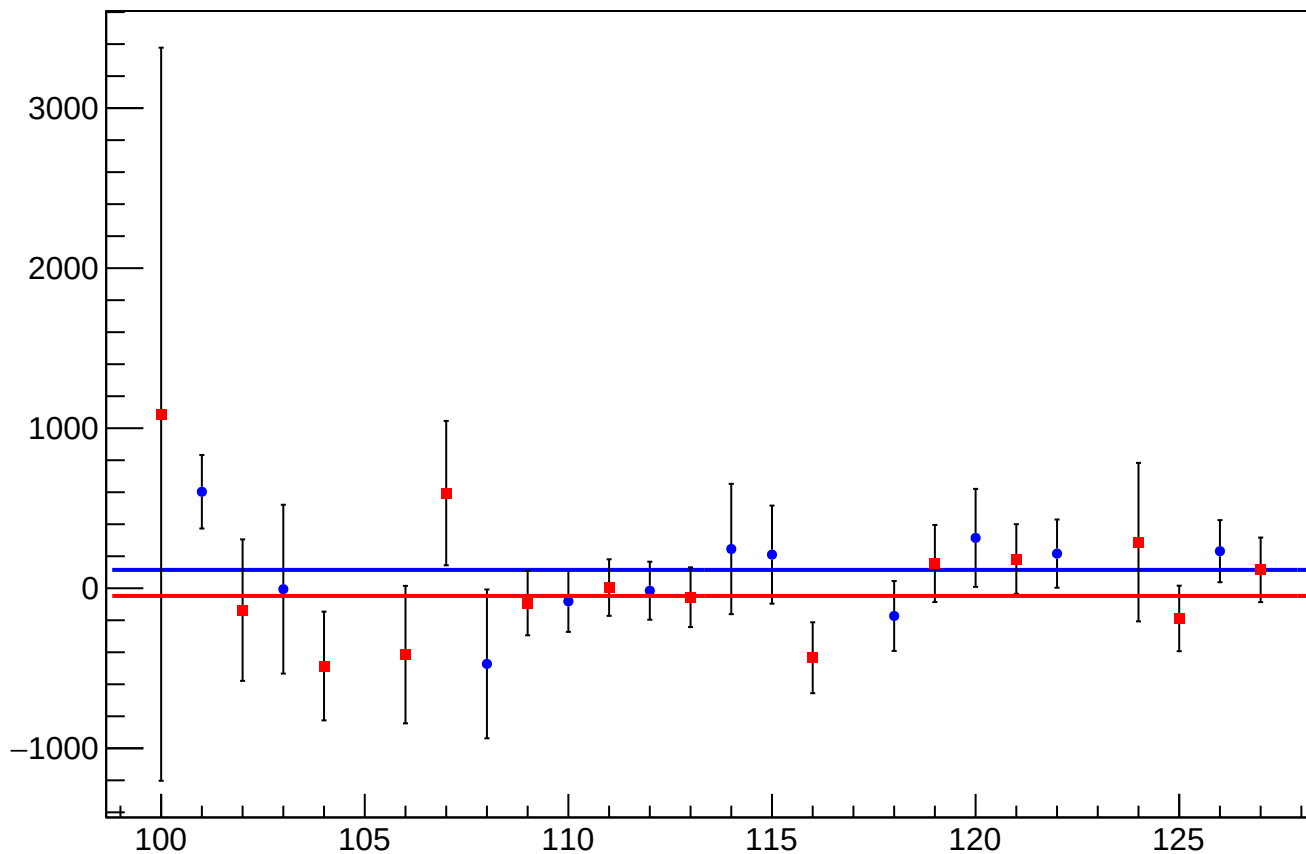
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1567.143+/-0.357 χ^2/NDF : 634174.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam3_mean vs Slug



Right In: 114.752 $\pm$ 74.130 χ^2 /NDF: 10.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -47.885 $\pm$ 67.267 χ^2 /NDF: 11.3/13

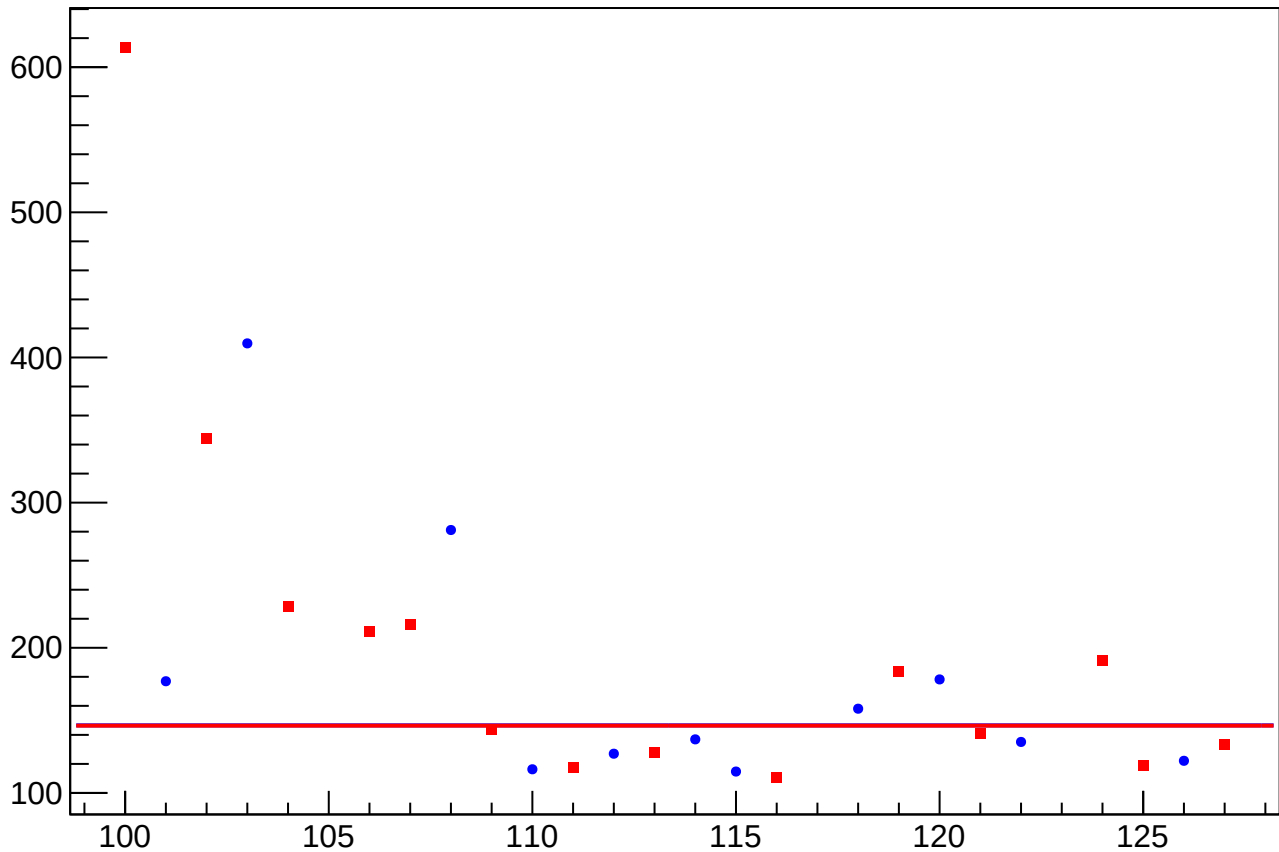
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 25.559 $\pm$ 49.815 χ^2 /NDF: 24.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam3_rms vs Slug



Right In: 146.561 $\pm$ 0.052 χ^2 /NDF: 860864.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 146.355 $\pm$ 0.048 χ^2 /NDF: 928668.7/13

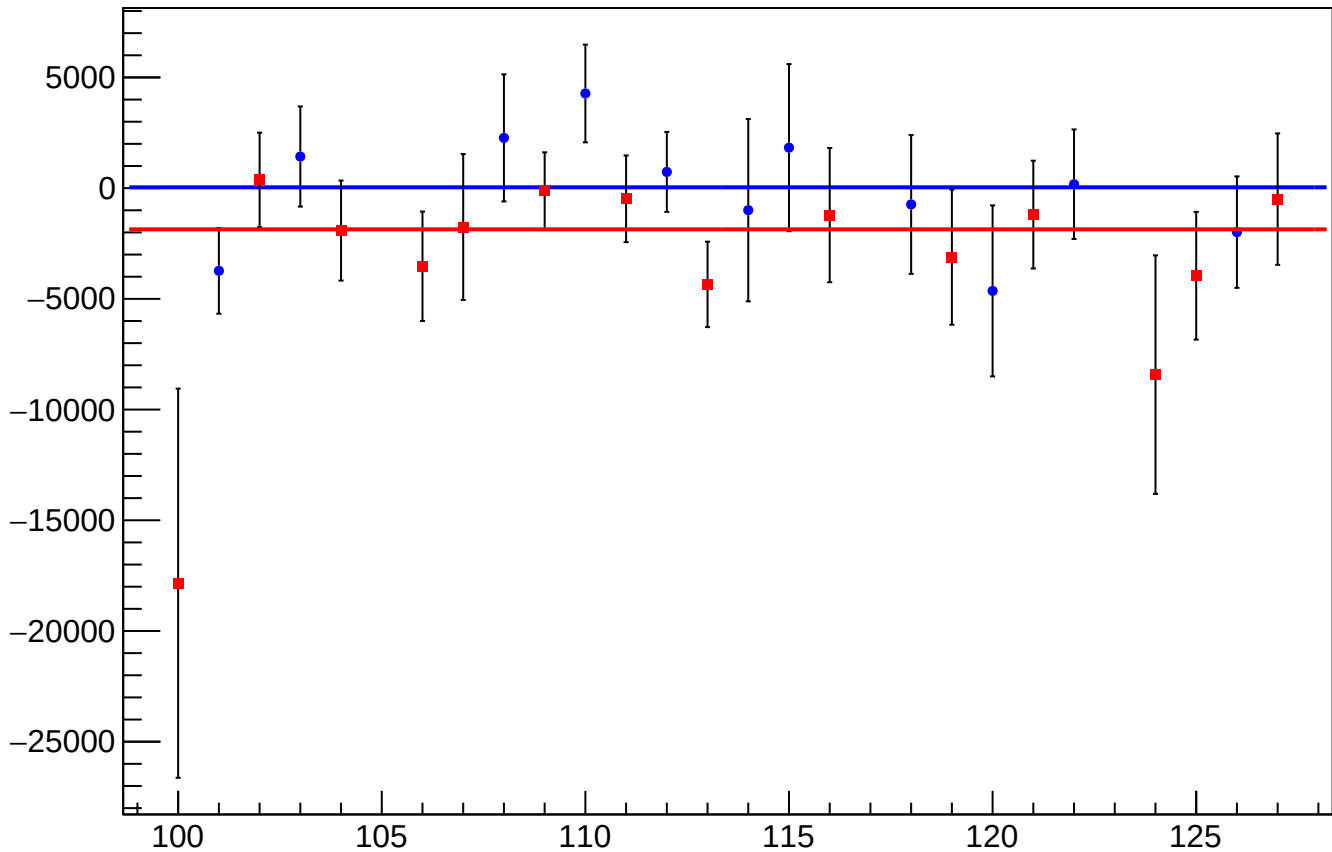
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 146.448 $\pm$ 0.035 χ^2 /NDF: 1789541.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_eigen_dit_correction_mean vs Slug



Right In: 37.174+/-763.761 χ^2 /NDF: 11.1/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1860.535+/-674.512 χ^2 /NDF: 10.5/13

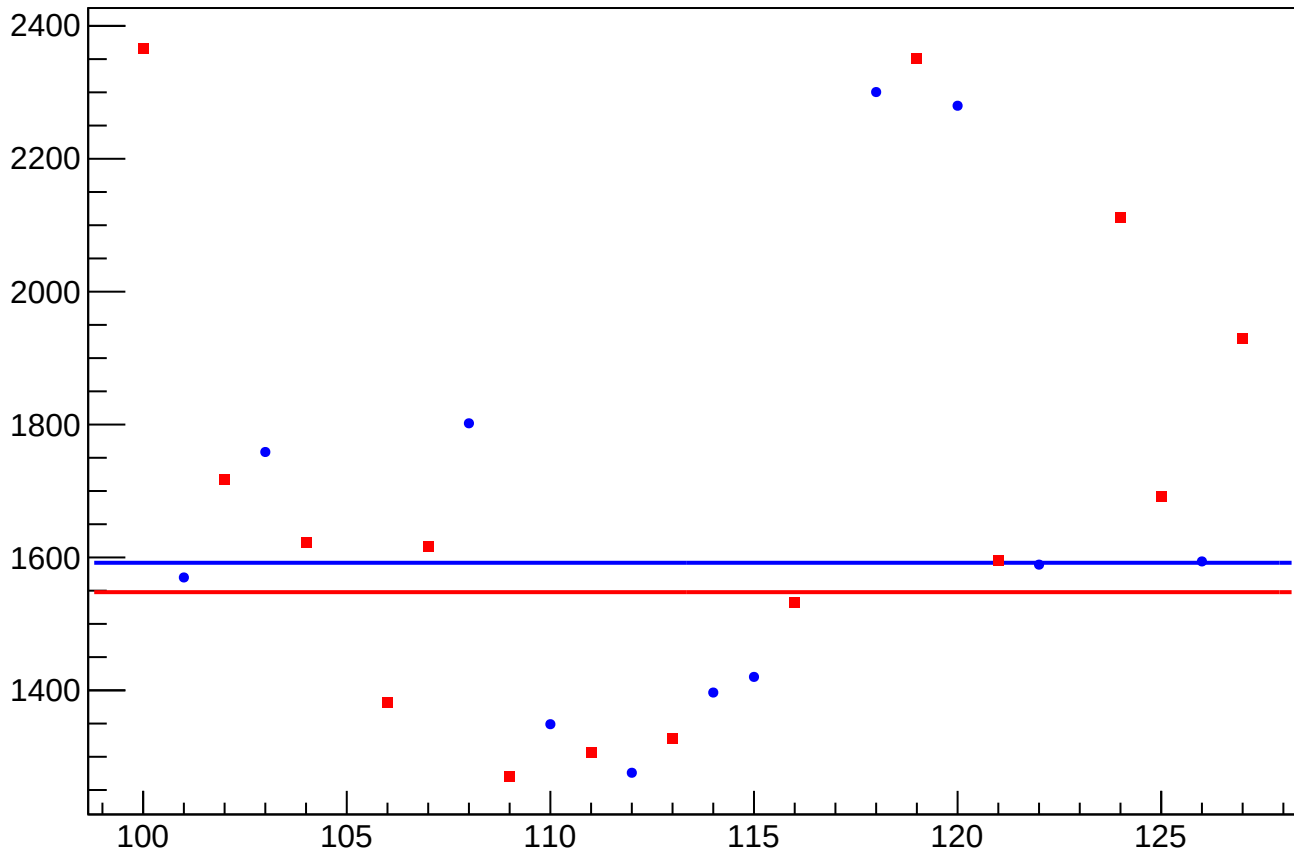
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1028.987+/-505.576 χ^2 /NDF: 25.1/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam3_eigen_dit_correction_rms vs Slug



Right In: 1591.983+/-0.540 χ^2/NDF : 281580.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

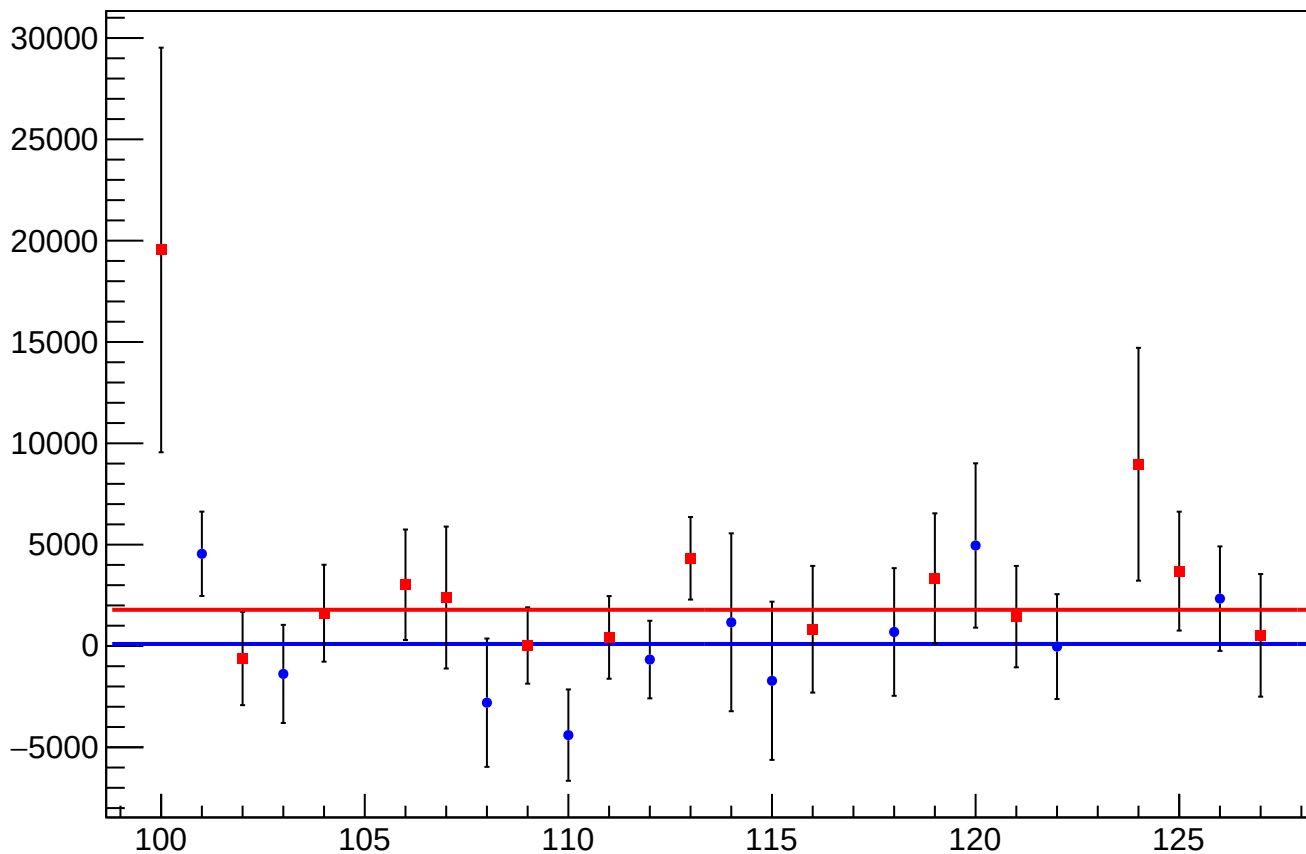
Right Out: 1547.763+/-0.477 χ^2/NDF : 348828.6/13

All: 1567.139+/-0.357 χ^2/NDF : 634175.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_mean vs Slug



Right In: 97.843+/-803.237 χ^2/NDF : 12.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1784.981+/-712.957 χ^2/NDF : 9.9/13

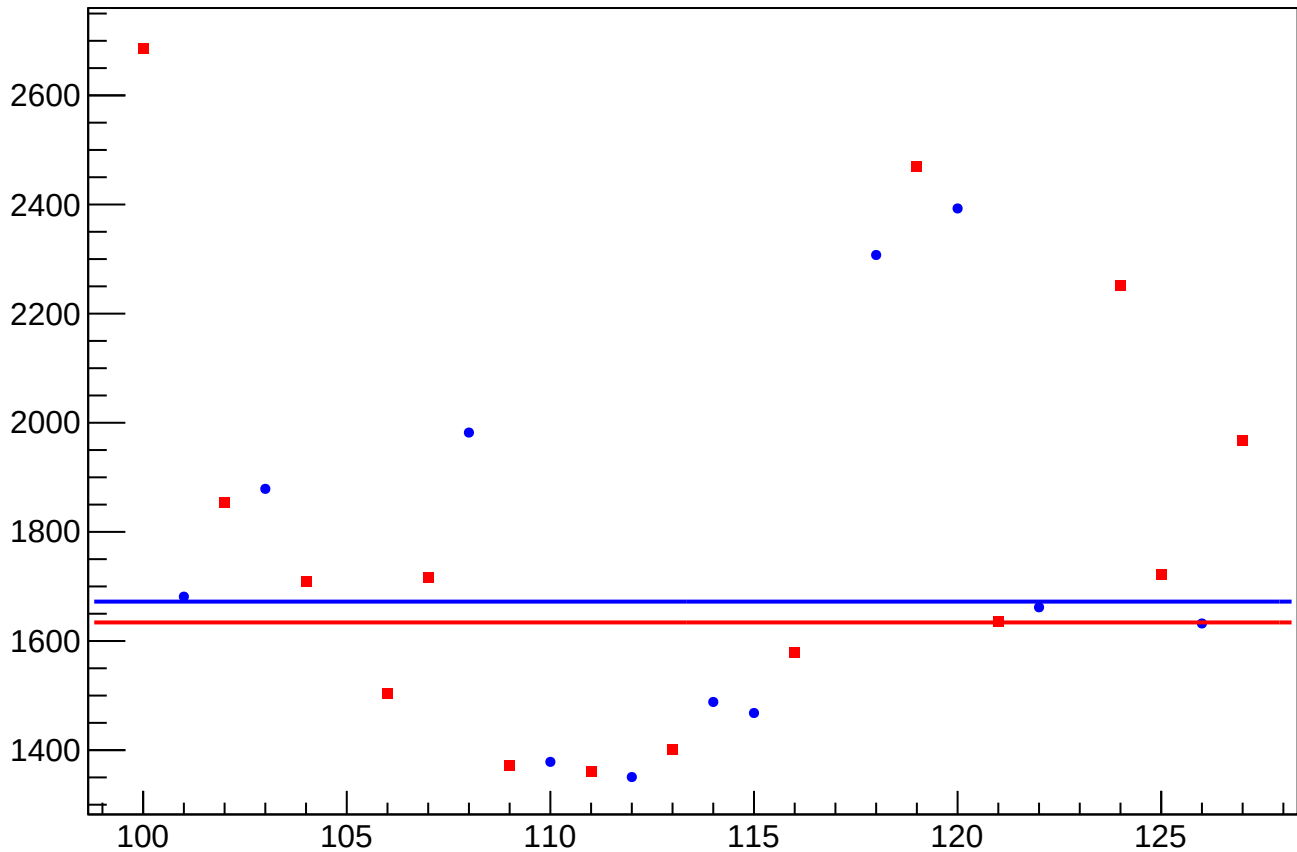
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1041.516+/-533.210 χ^2/NDF : 24.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_rms vs Slug



Right In: 1672.215+/-0.568 χ^2/NDF : 278173.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

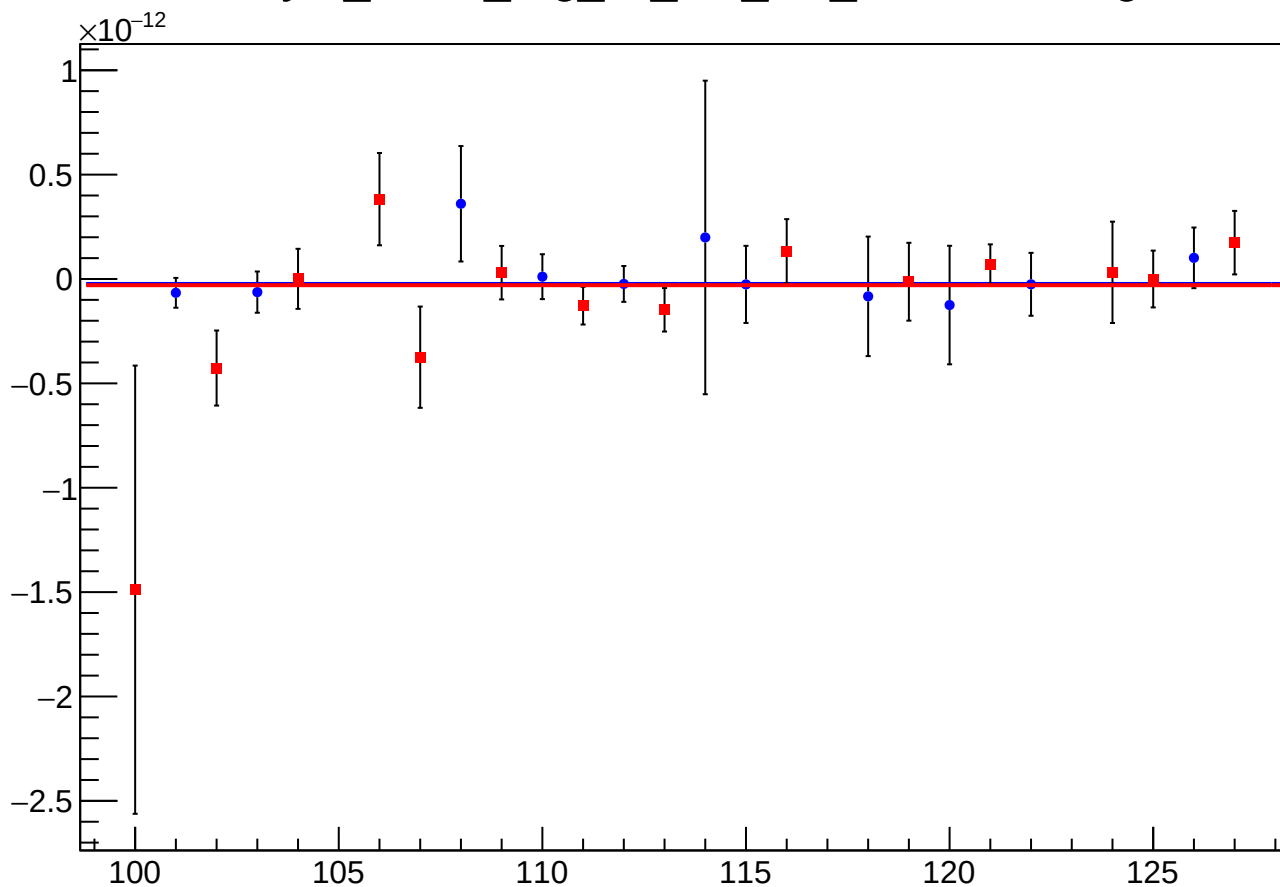
Right Out: 1634.038+/-0.504 χ^2/NDF : 334248.1/13

All: 1650.861+/-0.377 χ^2/NDF : 614948.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 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: 3.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 18.9/13

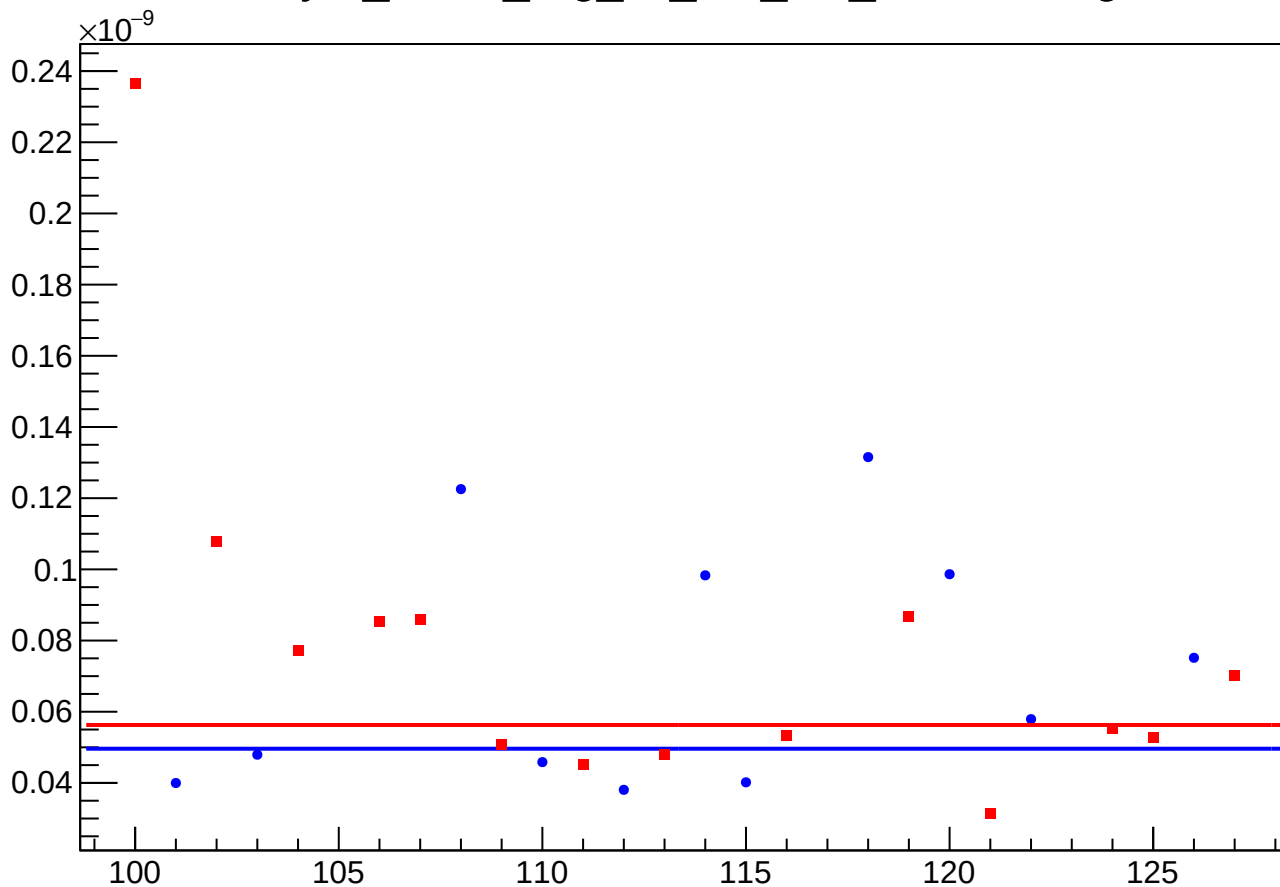
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 22.5/24

- 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 $\pm$ 0.000 χ^2/NDF : 519698.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 573205.5/13

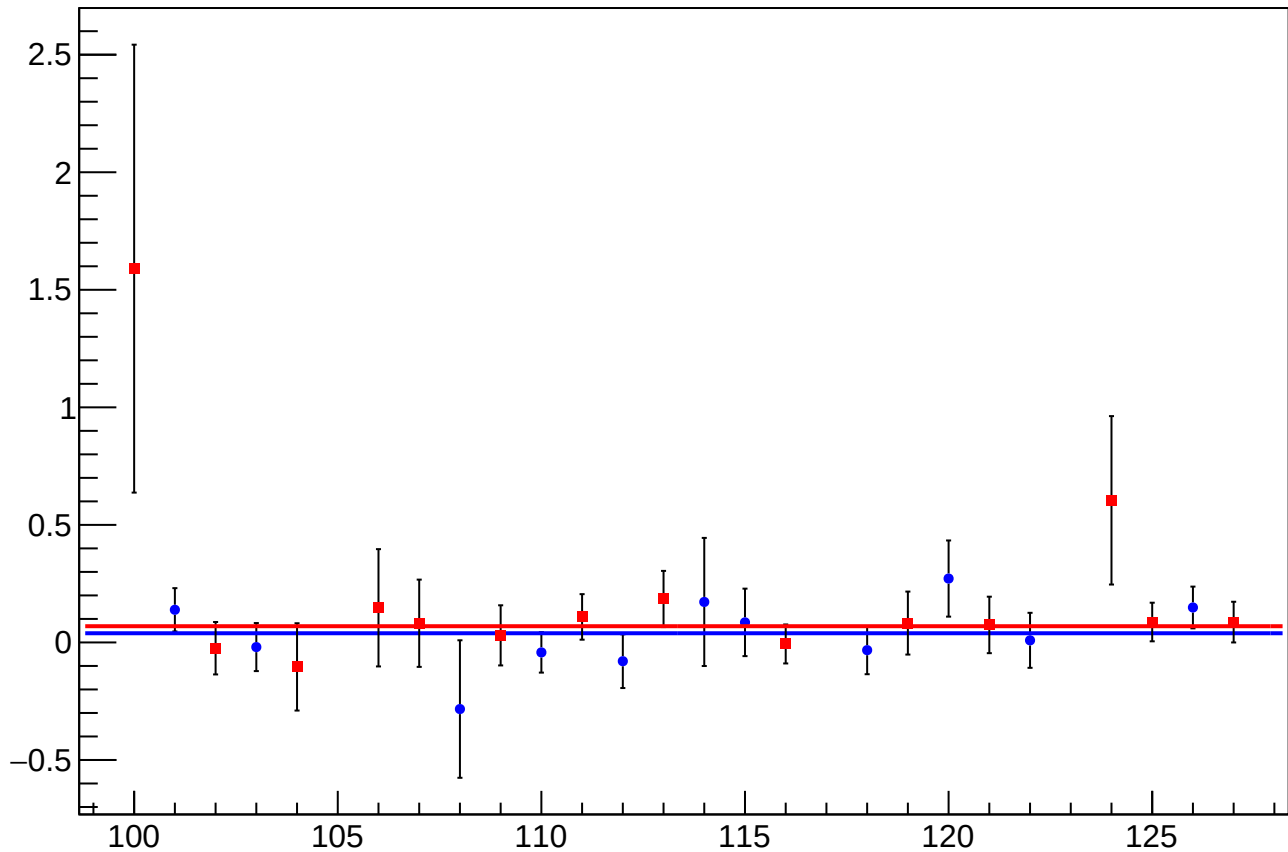
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 1123150.1/24

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam3_dit_vs_cor_diff_mean vs Slug



Right In: 0.039 $\pm$ 0.035 χ^2 /NDF: 9.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.069 $\pm$ 0.032 χ^2 /NDF: 8.6/13

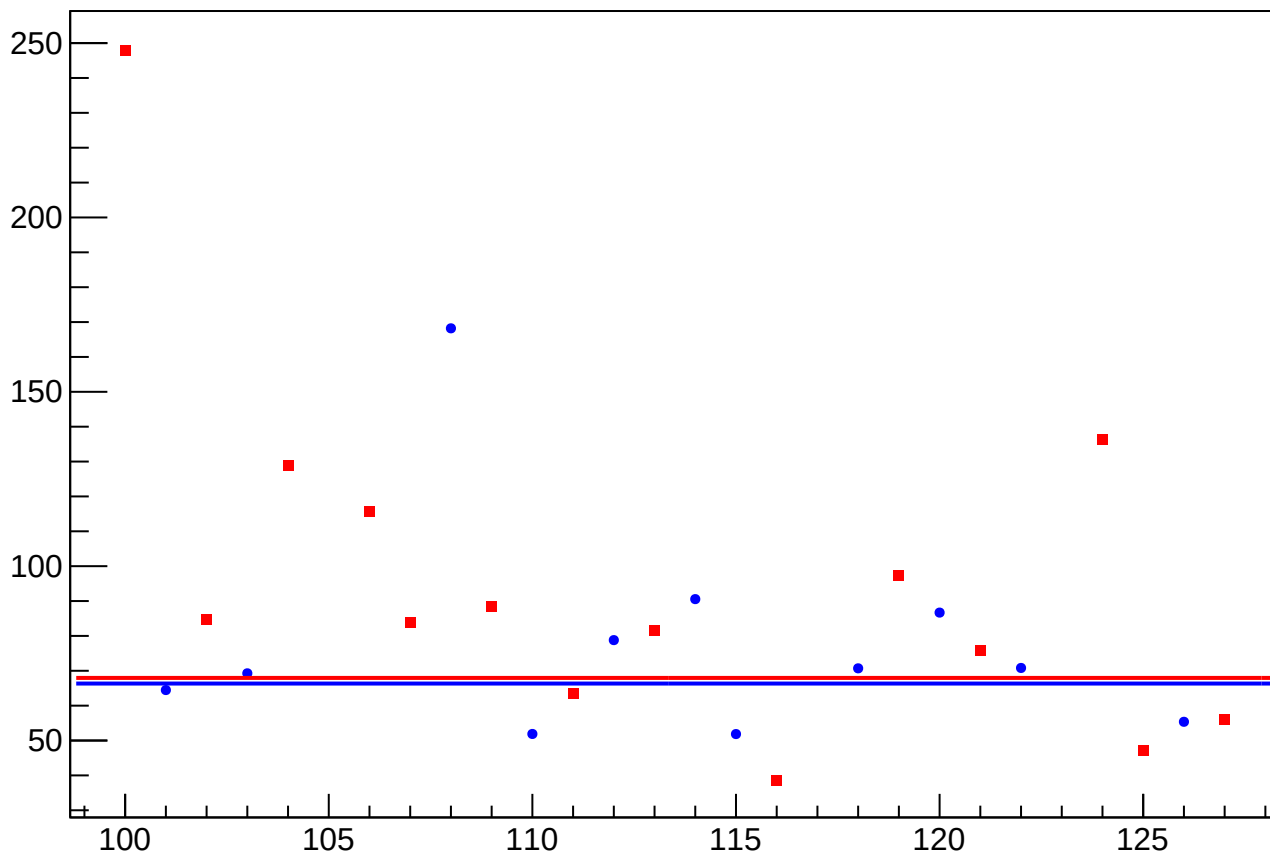
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.055 $\pm$ 0.024 χ^2 /NDF: 18.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_dit_vs_cor_diff_rms vs Slug



Right In: 66.340+/-0.025 χ^2/NDF : 430197.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.956+/-0.023 χ^2/NDF : 1098233.9/13

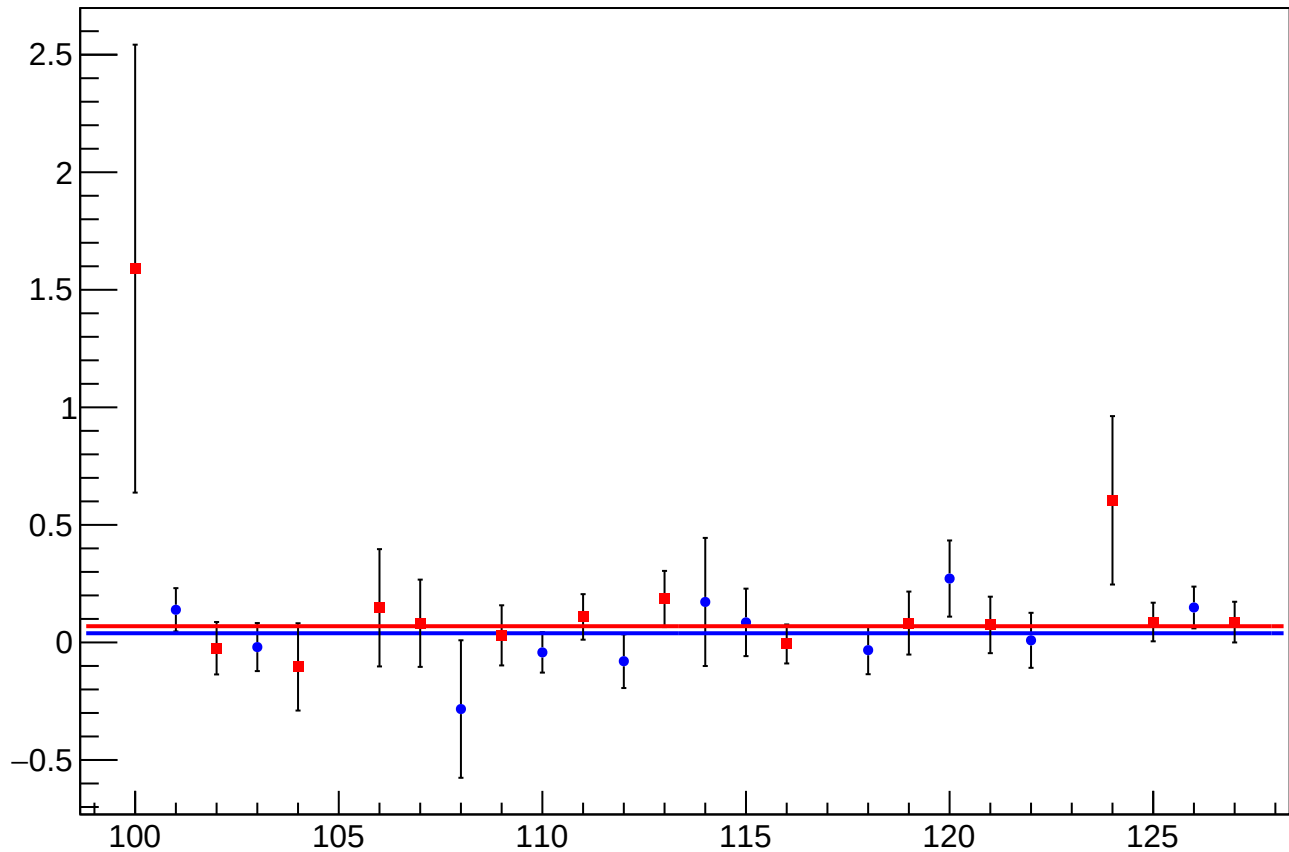
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.202+/-0.017 χ^2/NDF : 1530752.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.039+/-0.035 χ^2/NDF : 9.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.069+/-0.032 χ^2/NDF : 8.6/13

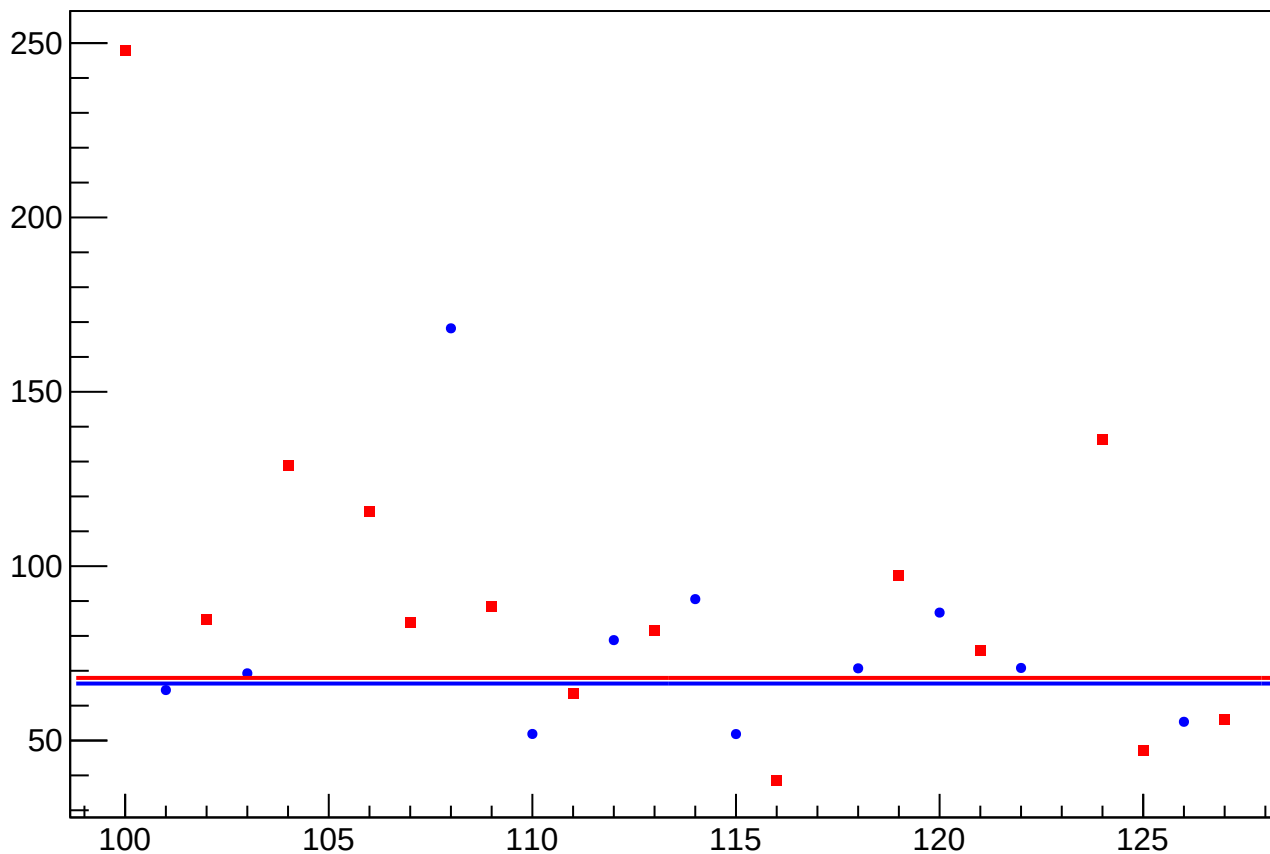
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.055+/-0.024 χ^2/NDF : 18.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 66.340+/-0.025 χ^2/NDF : 430197.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.956+/-0.023 χ^2/NDF : 1098233.9/13

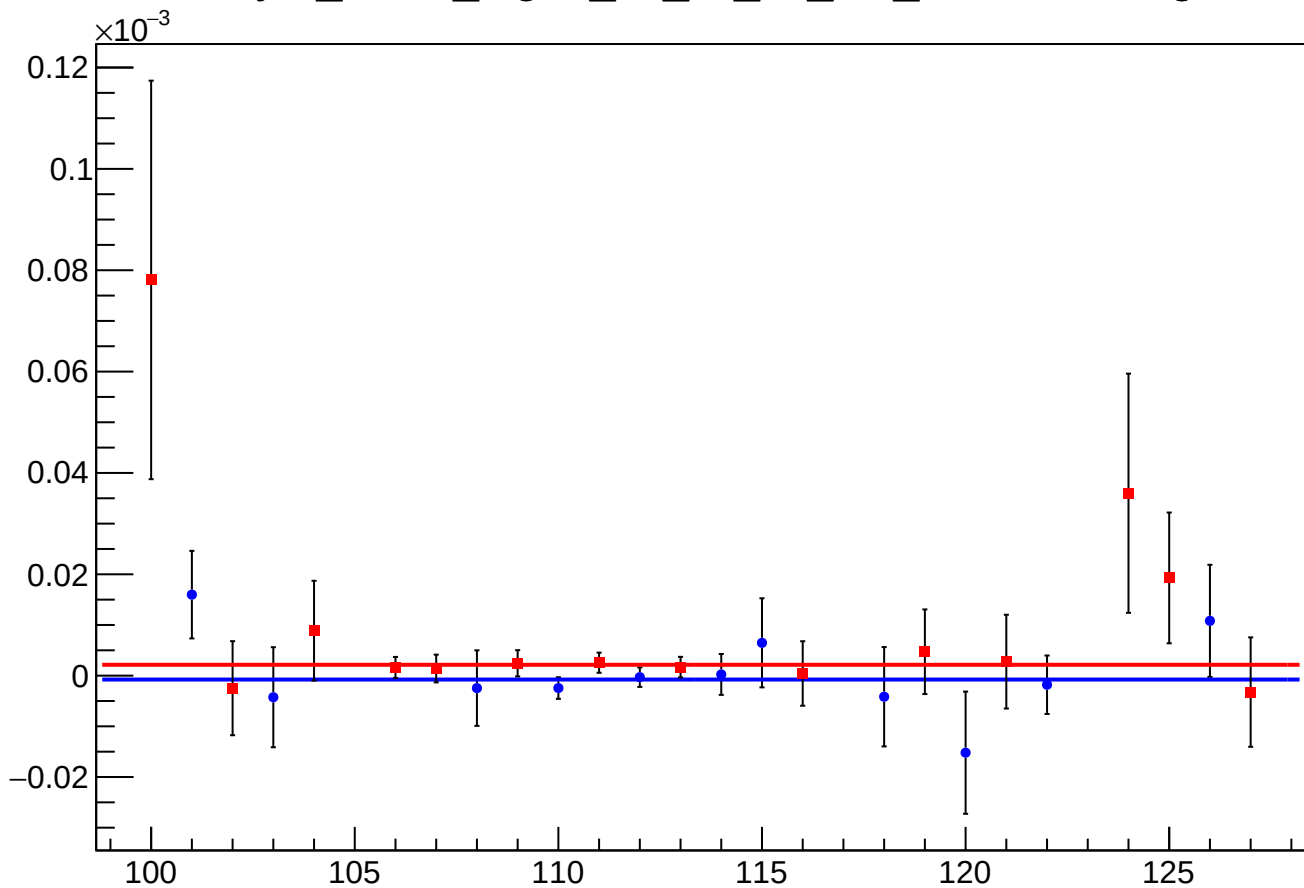
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.202+/-0.017 χ^2/NDF : 1530752.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2/NDF : 8.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 8.9/13

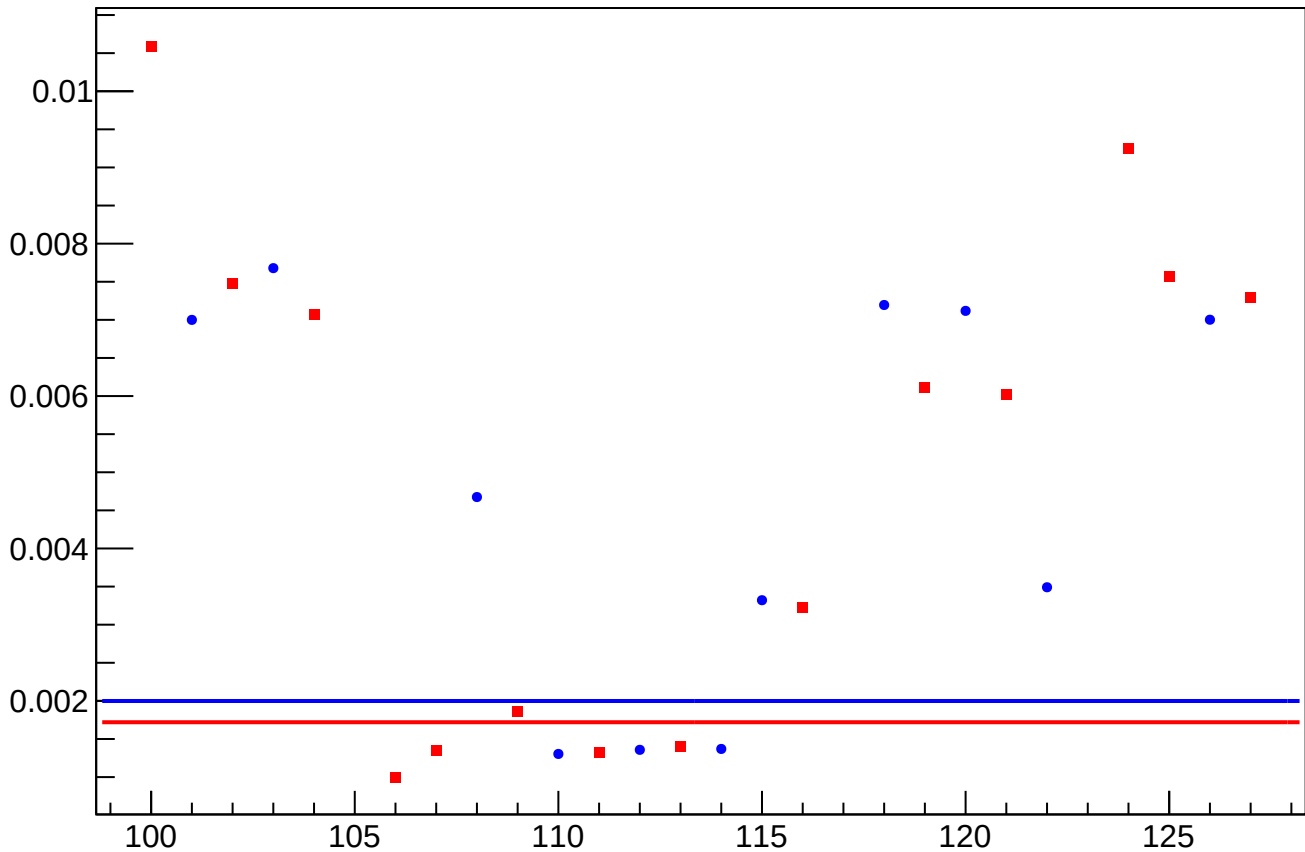
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 20.5/24

- sign 0.000 $\pm$ 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 : 3584627.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 4120525.6/13

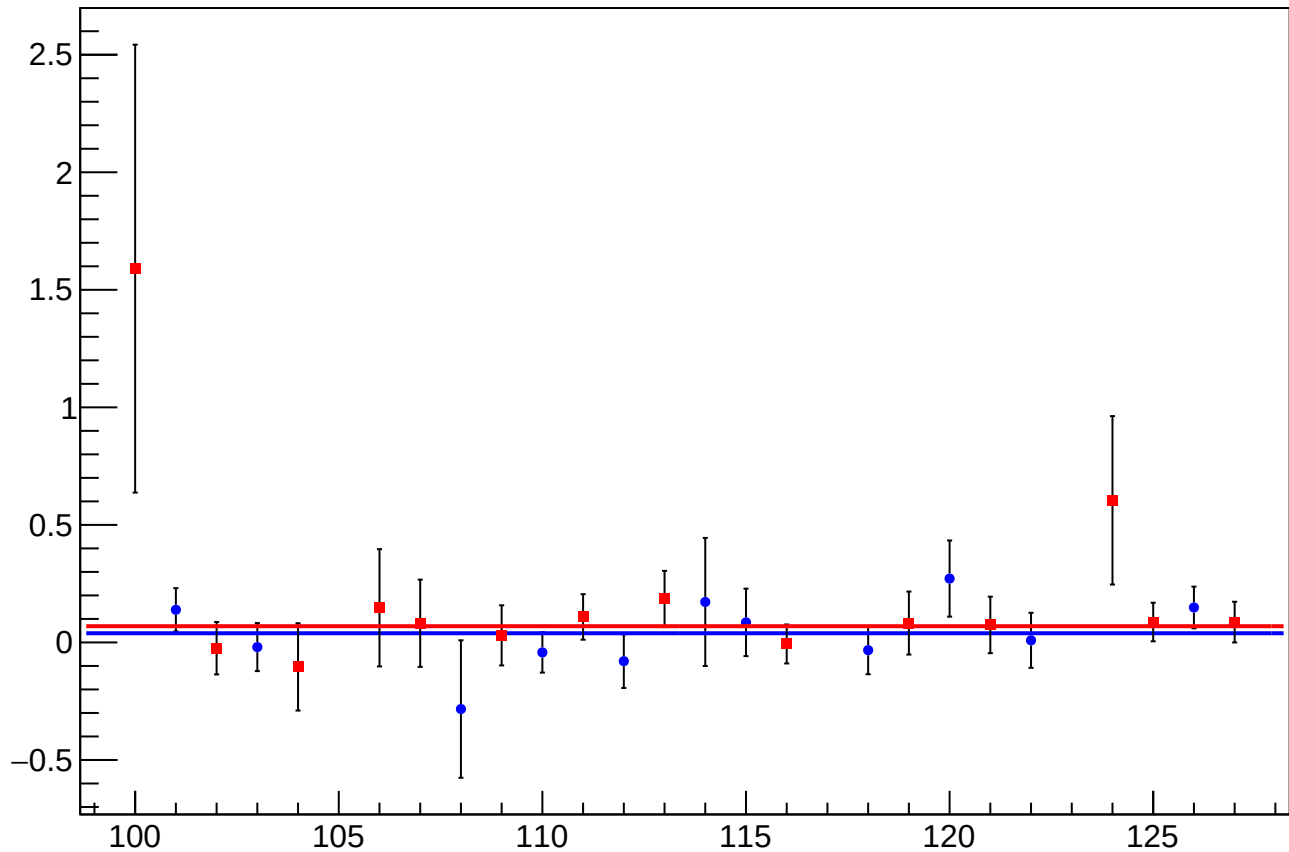
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 7769387.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.039 $\pm$ 0.035 χ^2 /NDF: 9.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.069 $\pm$ 0.032 χ^2 /NDF: 8.6/13

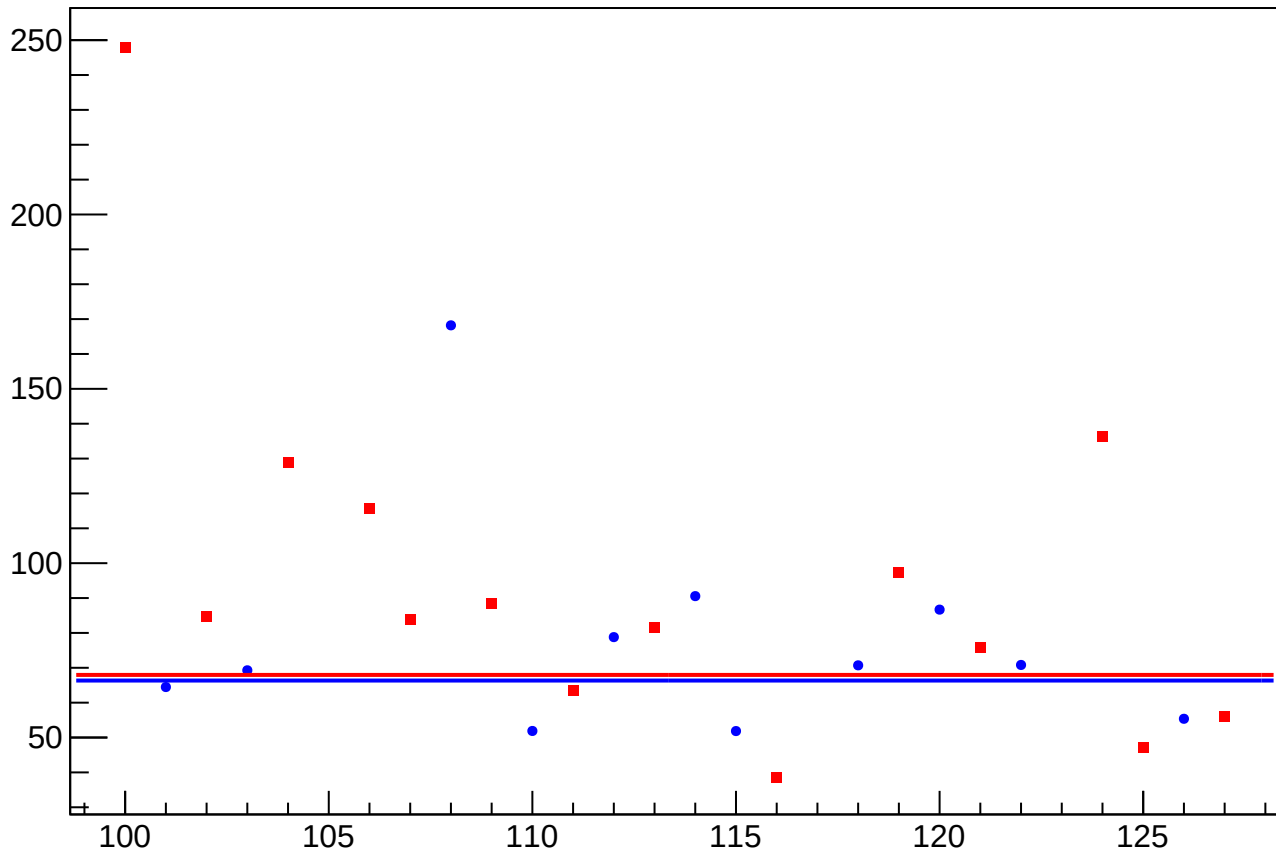
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.055 $\pm$ 0.024 χ^2 /NDF: 18.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 66.343+/-0.025 χ^2/NDF : 430151.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.958+/-0.023 χ^2/NDF : 1098197.9/13

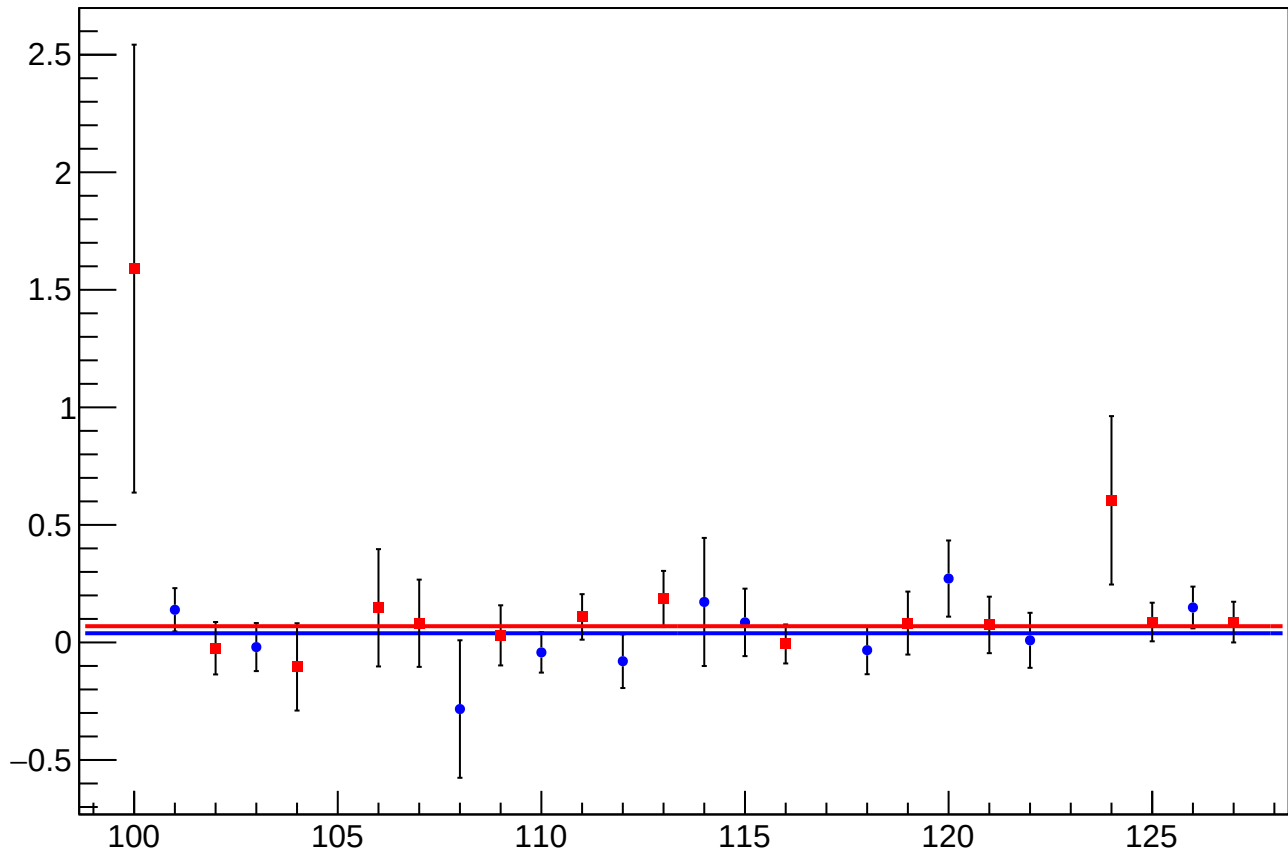
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.205+/-0.017 χ^2/NDF : 1530667.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.039 $\pm$ 0.035 χ^2 /NDF: 9.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.069 $\pm$ 0.032 χ^2 /NDF: 8.6/13

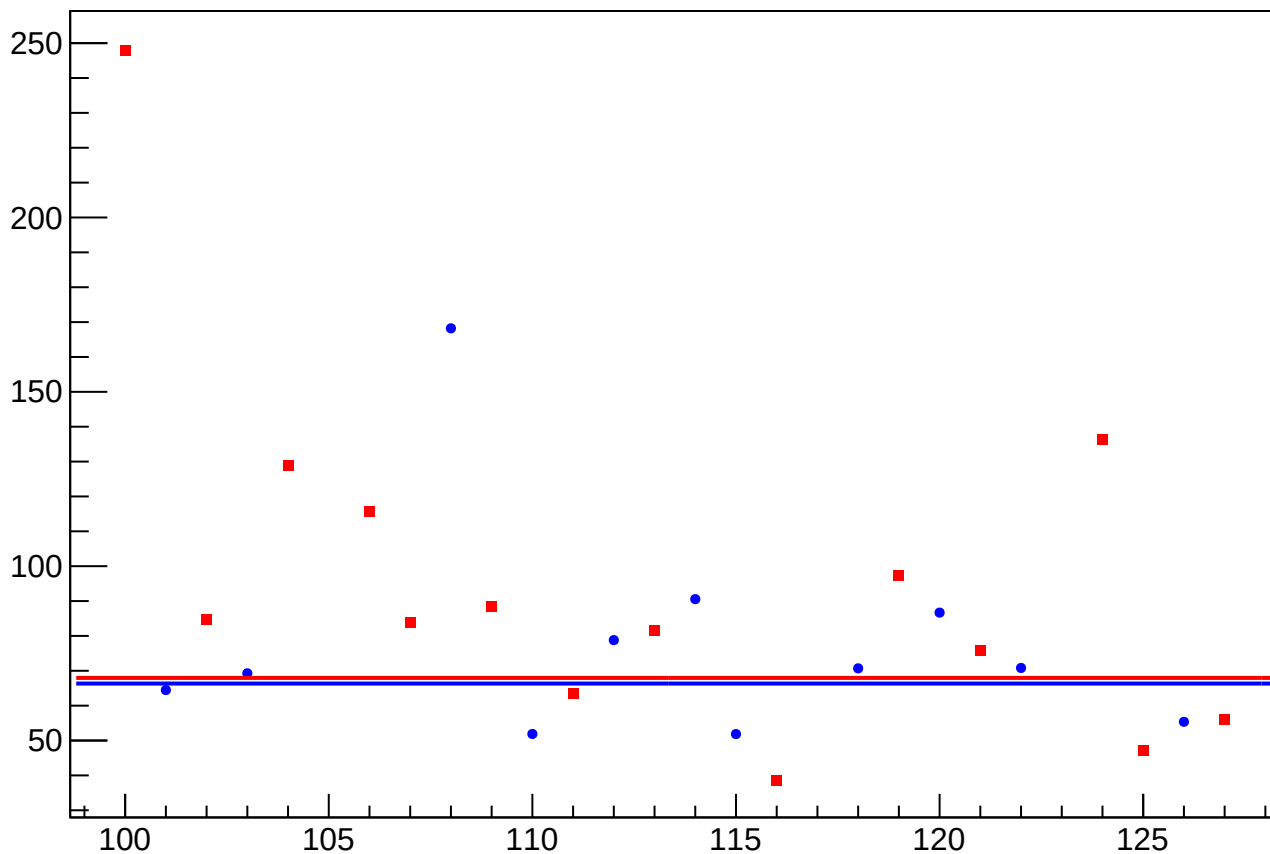
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.055 $\pm$ 0.024 χ^2 /NDF: 18.2/24

- 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: 66.343+/-0.025 χ^2/NDF : 430151.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.958+/-0.023 χ^2/NDF : 1098197.9/13

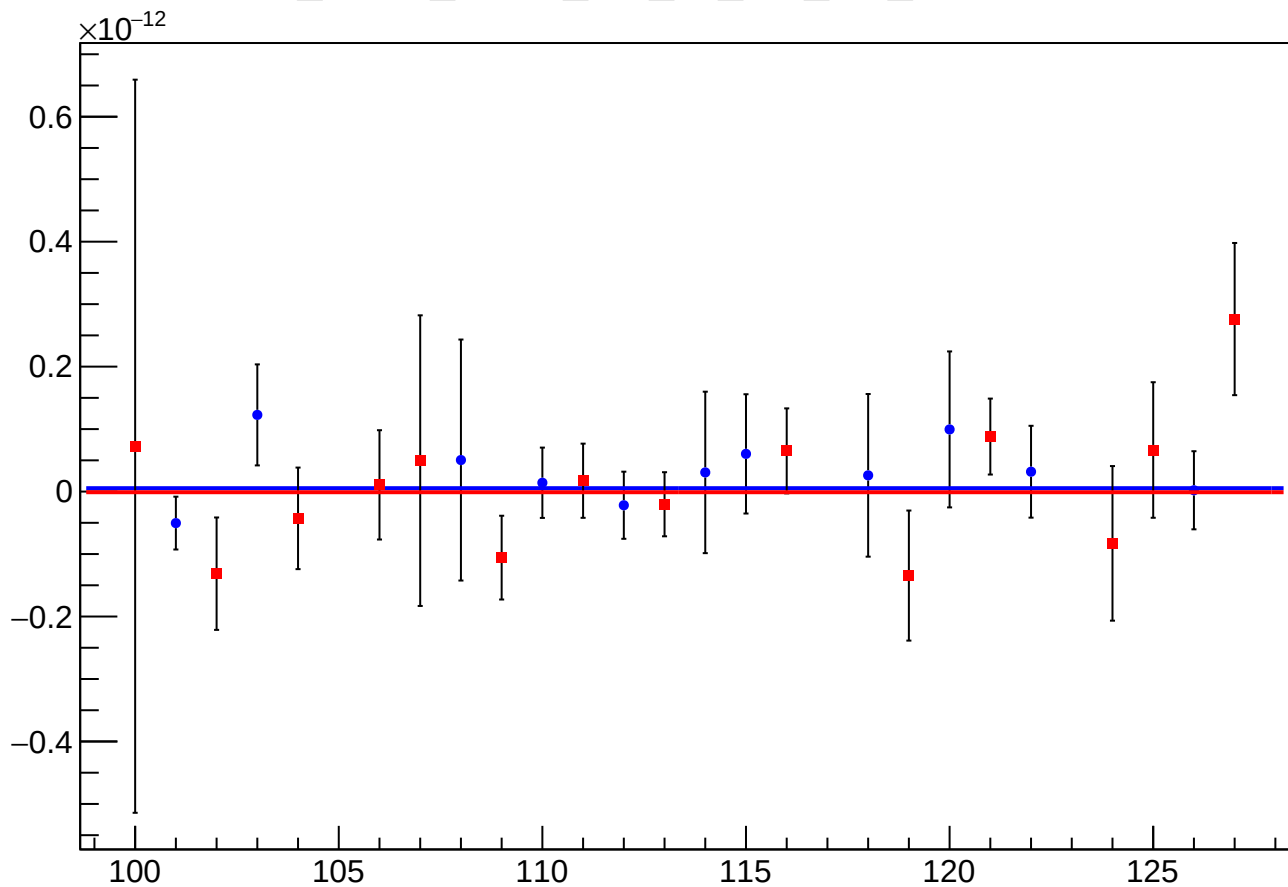
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.205+/-0.017 χ^2/NDF : 1530667.9/24

- 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 : 5.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.9/13

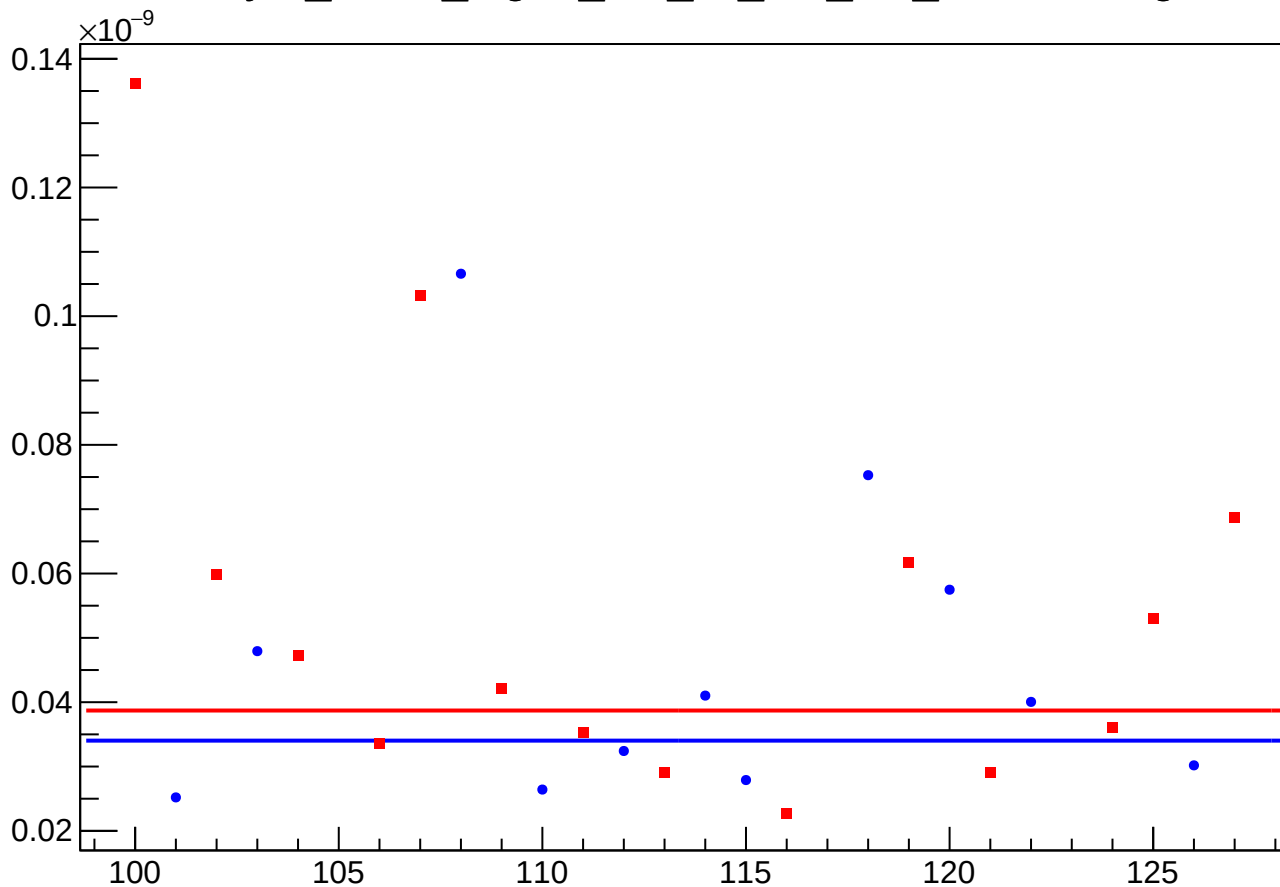
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.2/24

- 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 : 774341.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 846115.3/13

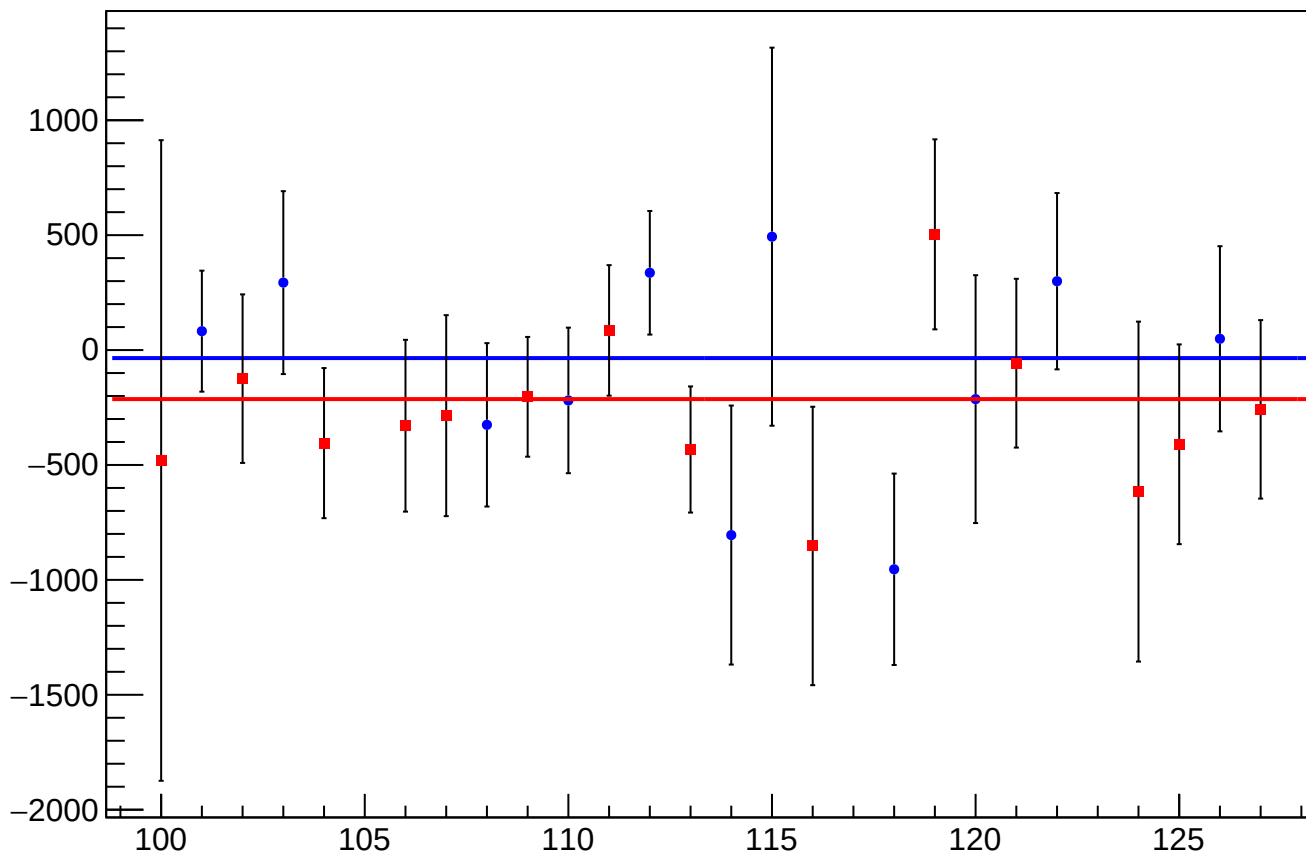
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1666947.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_mean vs Slug



Right In: -34.983 ± 112.325 χ^2/NDF : 11.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -213.388 ± 100.065 χ^2/NDF : 7.1/13

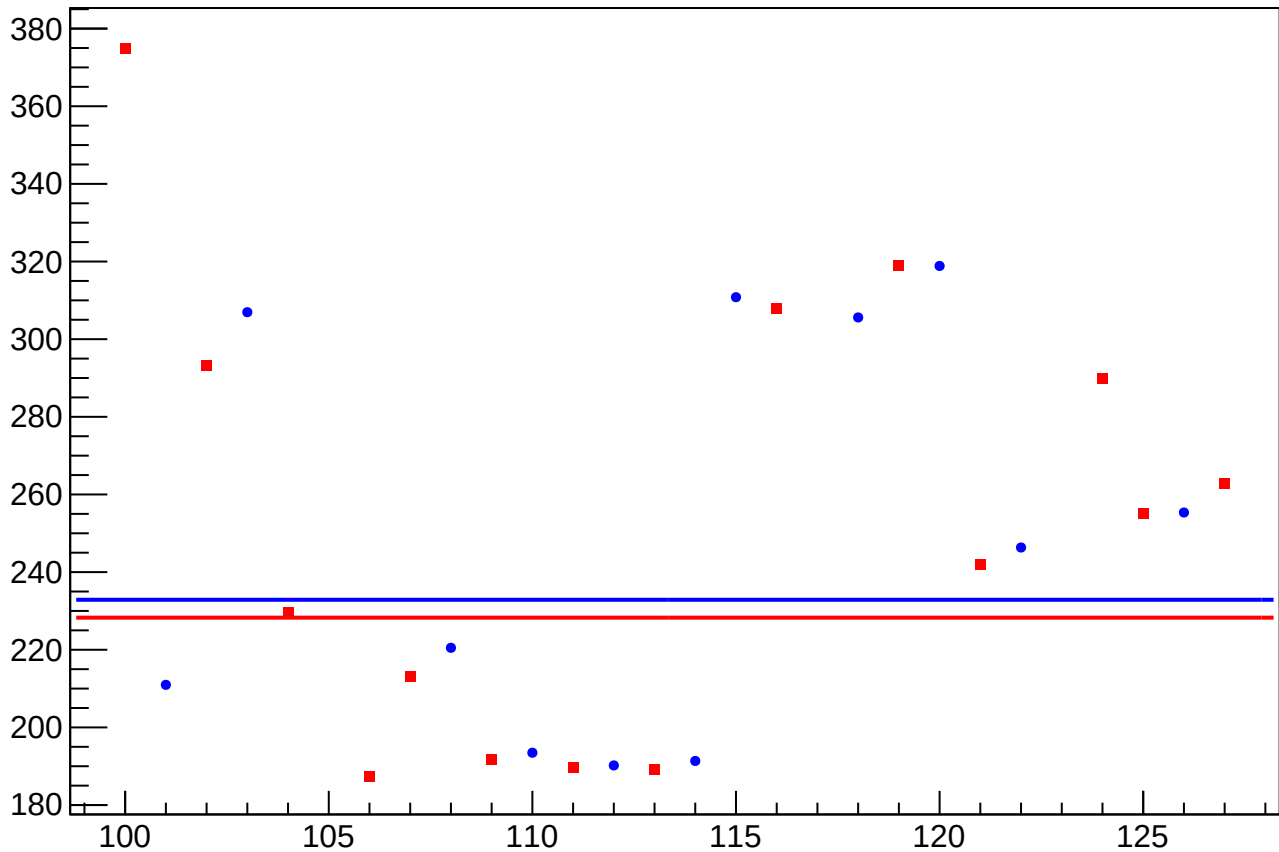
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -134.450 ± 74.717 χ^2/NDF : 20.4/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_rms vs Slug



Right In: 232.878+/-0.079 χ^2/NDF : 316223.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 228.271+/-0.071 χ^2/NDF : 399046.5/13

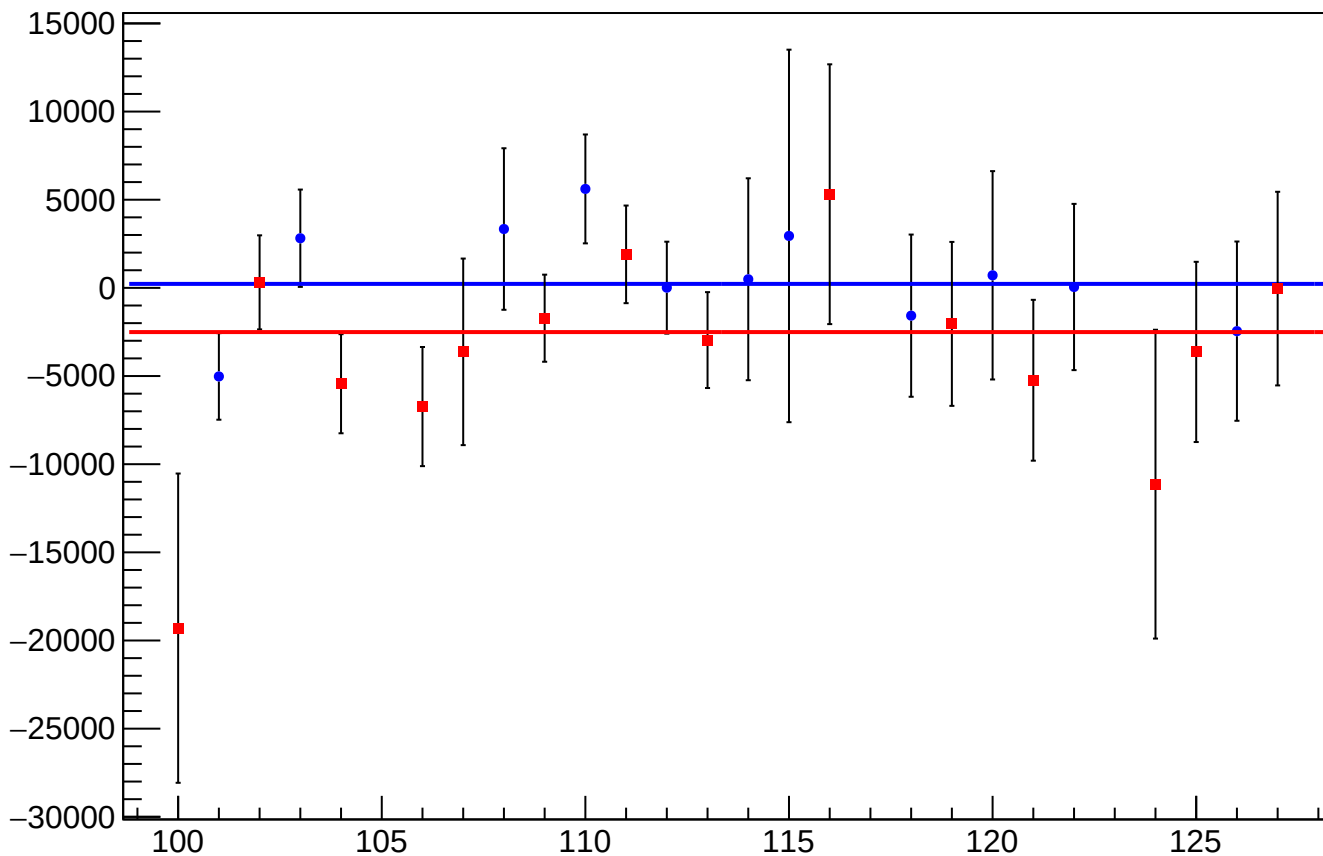
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 230.310+/-0.053 χ^2/NDF : 717145.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_reg_correction_mean vs Slug



Right In: 226.149+/-1120.903 χ^2/NDF : 9.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2506.867+/-985.160 χ^2/NDF : 12.9/13

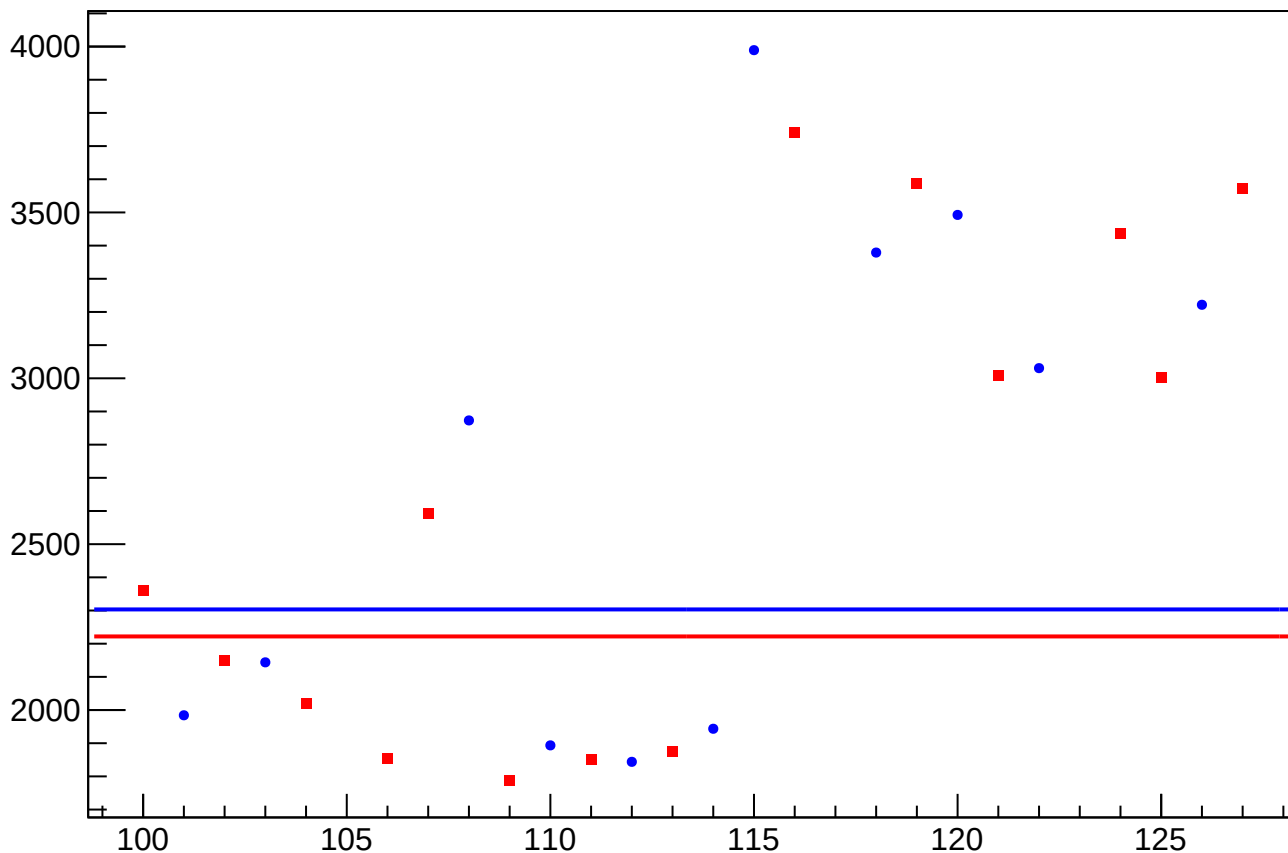
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1315.782+/-739.977 χ^2/NDF : 25.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_reg_correction_rms vs Slug



Right In: 2303.294+/-0.793 χ^2/NDF : 530842.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2221.869+/-0.697 χ^2/NDF : 699339.4/13

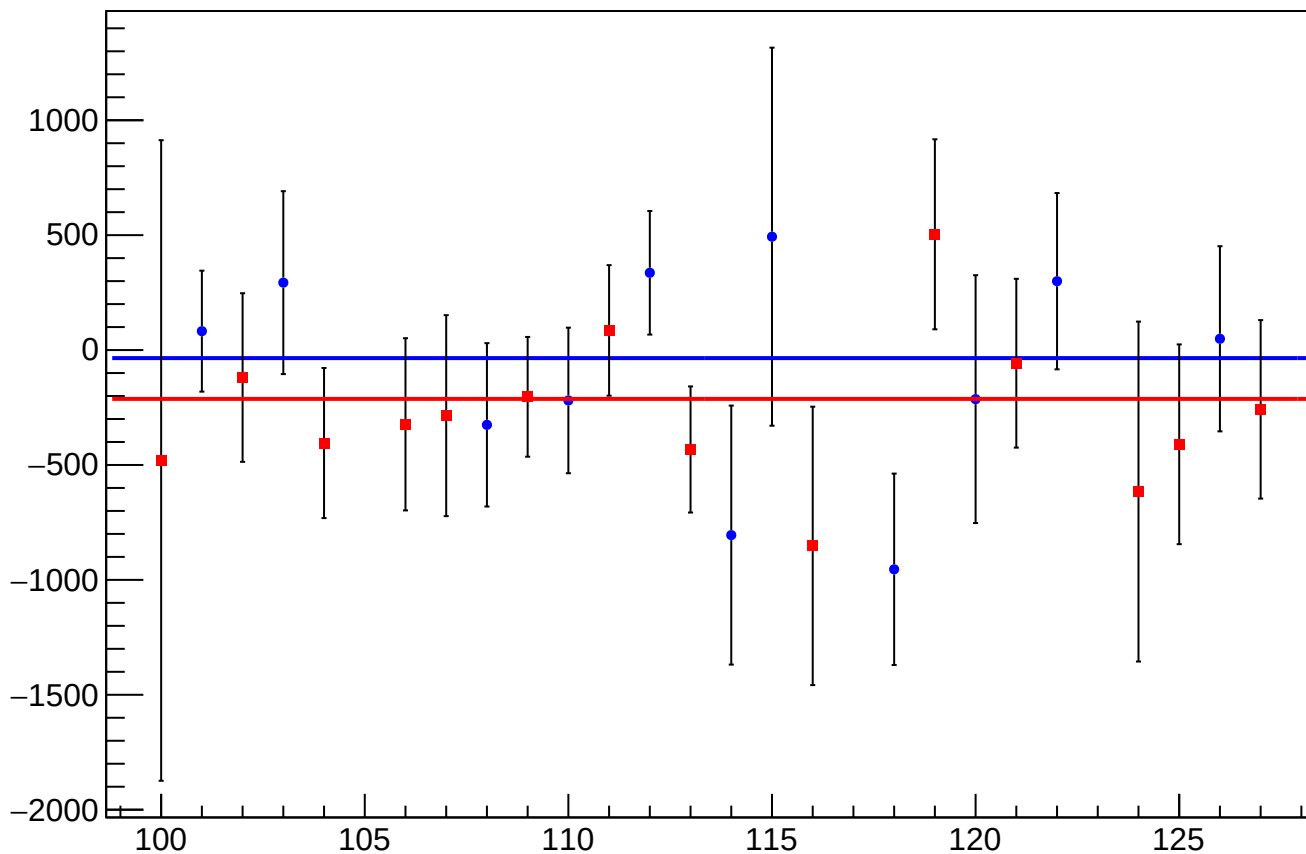
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2257.355+/-0.523 χ^2/NDF : 1236135.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam4_mean vs Slug



Right In: -35.020 ± 112.326 χ^2/NDF : 11.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -212.529 ± 100.085 χ^2/NDF : 7.1/13

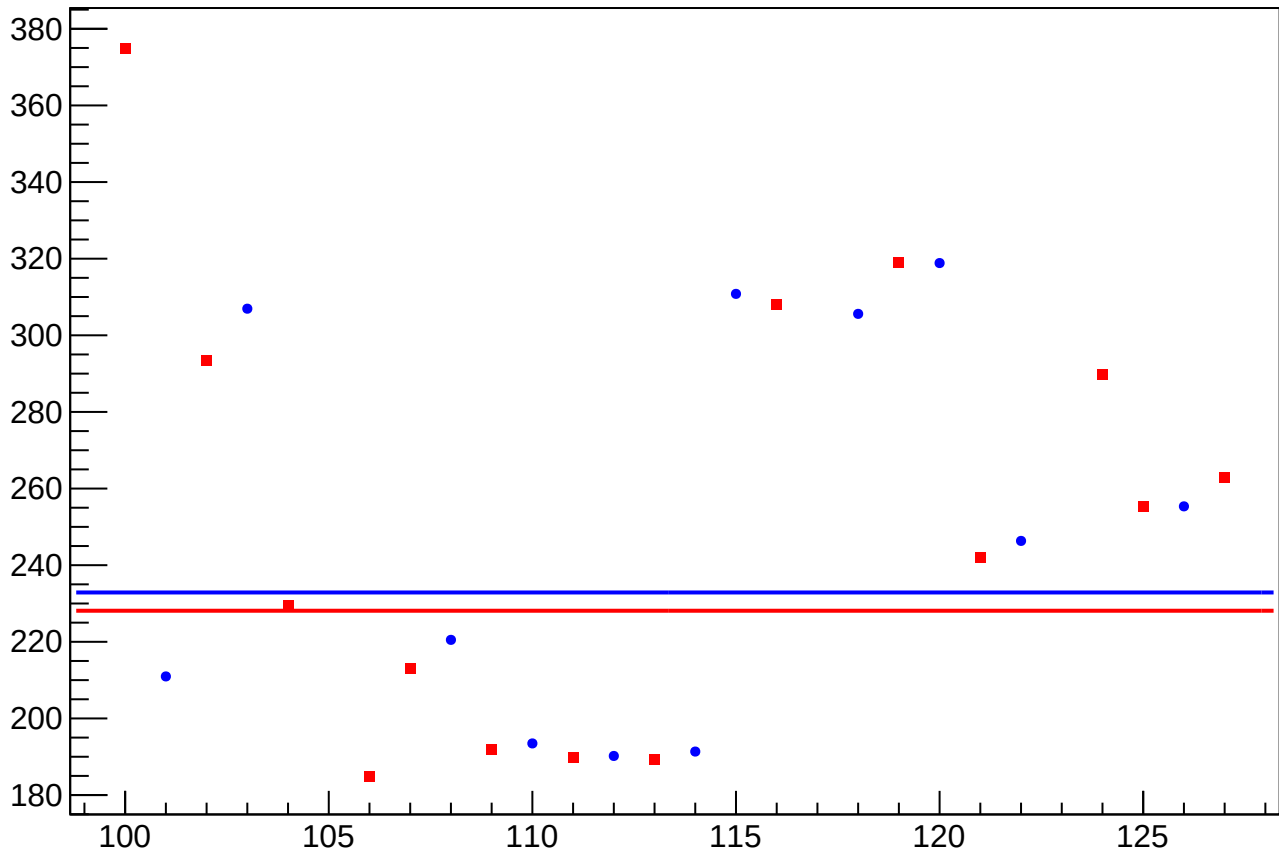
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -133.970 ± 74.725 χ^2/NDF : 20.4/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_sam4_rms vs Slug



Right In: 232.878 $\pm$ 0.079 χ^2 /NDF: 316226.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 228.111 $\pm$ 0.071 χ^2 /NDF: 402150.0/13

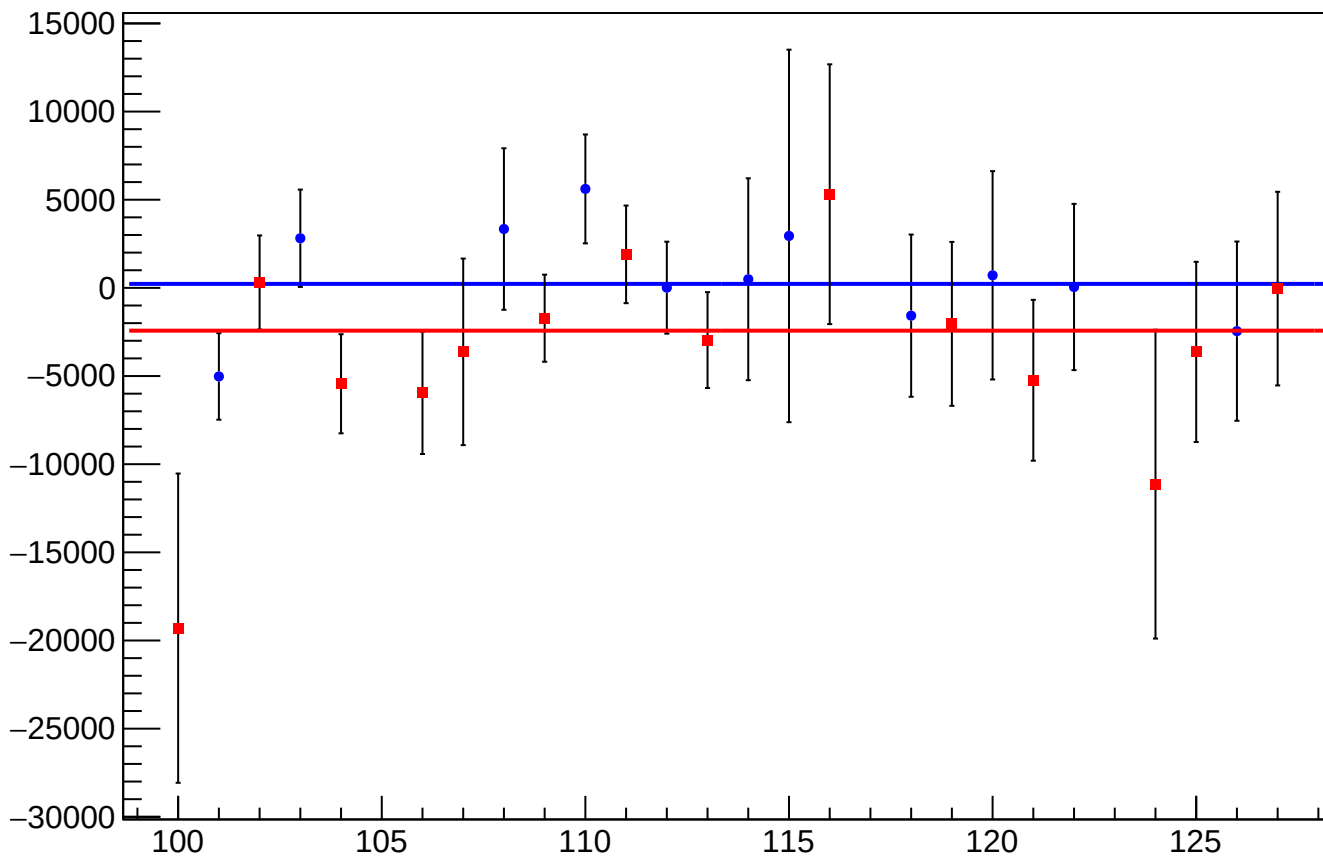
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 230.221 $\pm$ 0.053 χ^2 /NDF: 720384.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_cor_correction_mean vs Slug



Right In: 225.910+/-1120.917 χ^2/NDF : 9.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2426.571+/-987.423 χ^2/NDF : 12.3/13

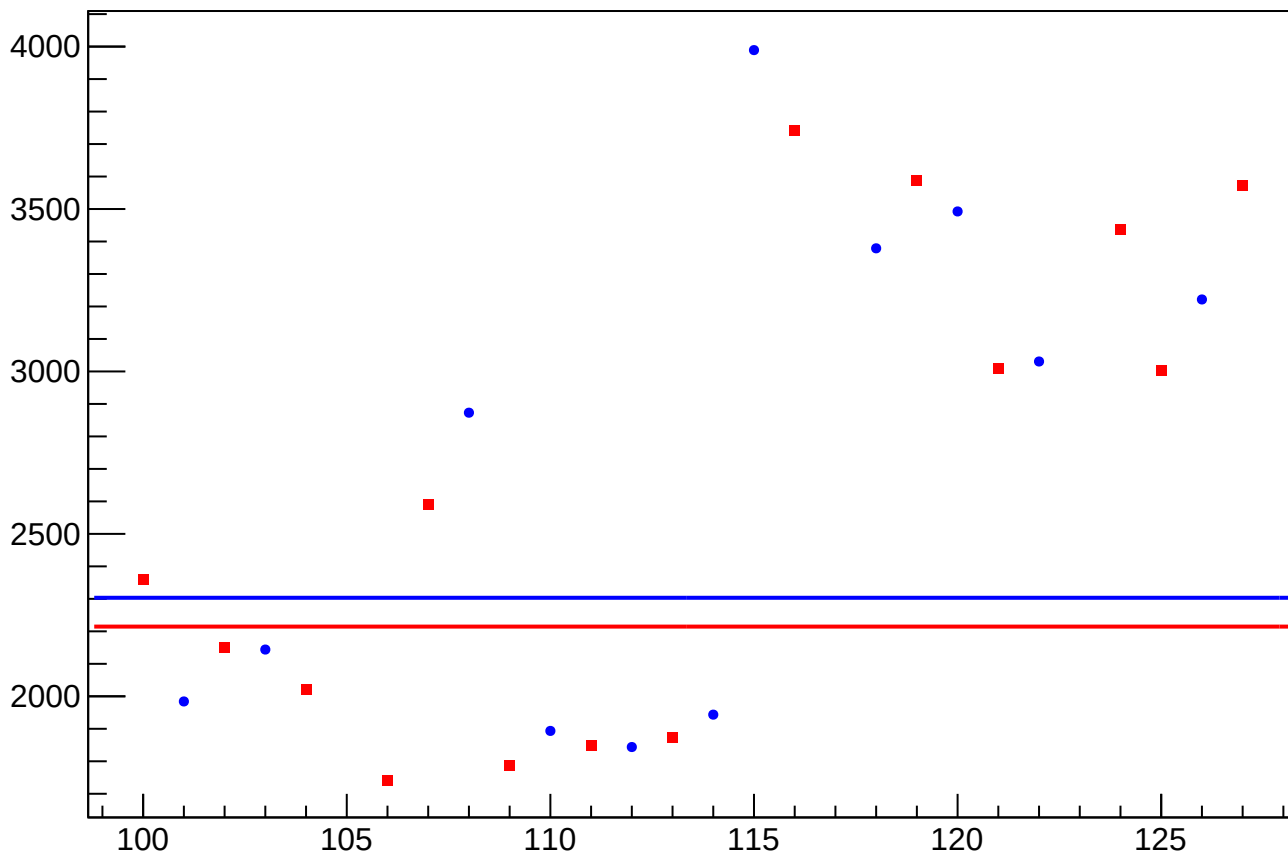
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1267.607+/-740.939 χ^2/NDF : 24.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_cor_correction_rms vs Slug



Right In: 2303.325+/-0.793 χ^2/NDF : 530826.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2214.615+/-0.698 χ^2/NDF : 713656.4/13

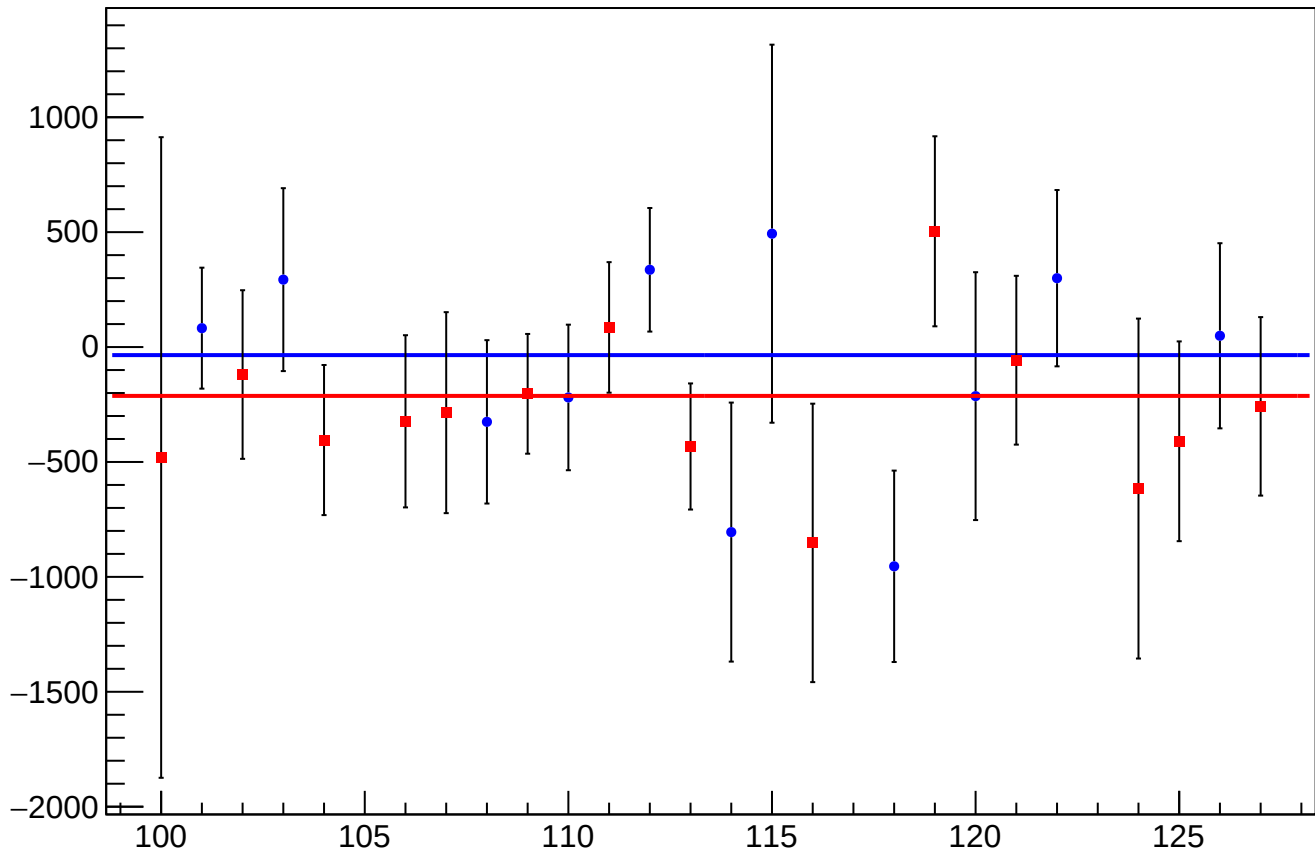
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2253.376+/-0.524 χ^2/NDF : 1251535.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam4_mean vs Slug



Right In: -35.020 ± 112.326 χ^2/NDF : 11.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -212.529 ± 100.085 χ^2/NDF : 7.1/13

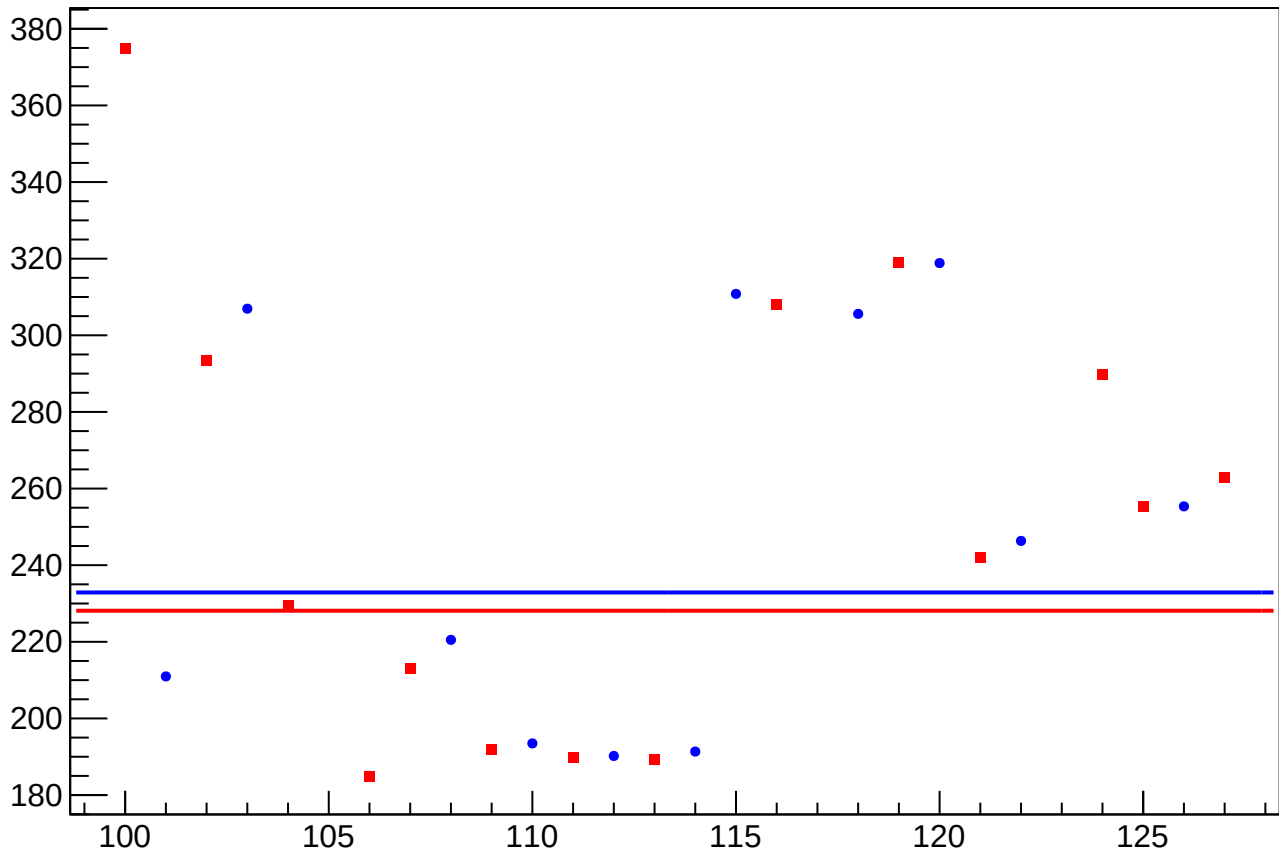
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -133.970 ± 74.725 χ^2/NDF : 20.4/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam4_rms vs Slug



Right In: 232.878+/-0.079 χ^2/NDF : 316226.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 228.111+/-0.071 χ^2/NDF : 402150.0/13

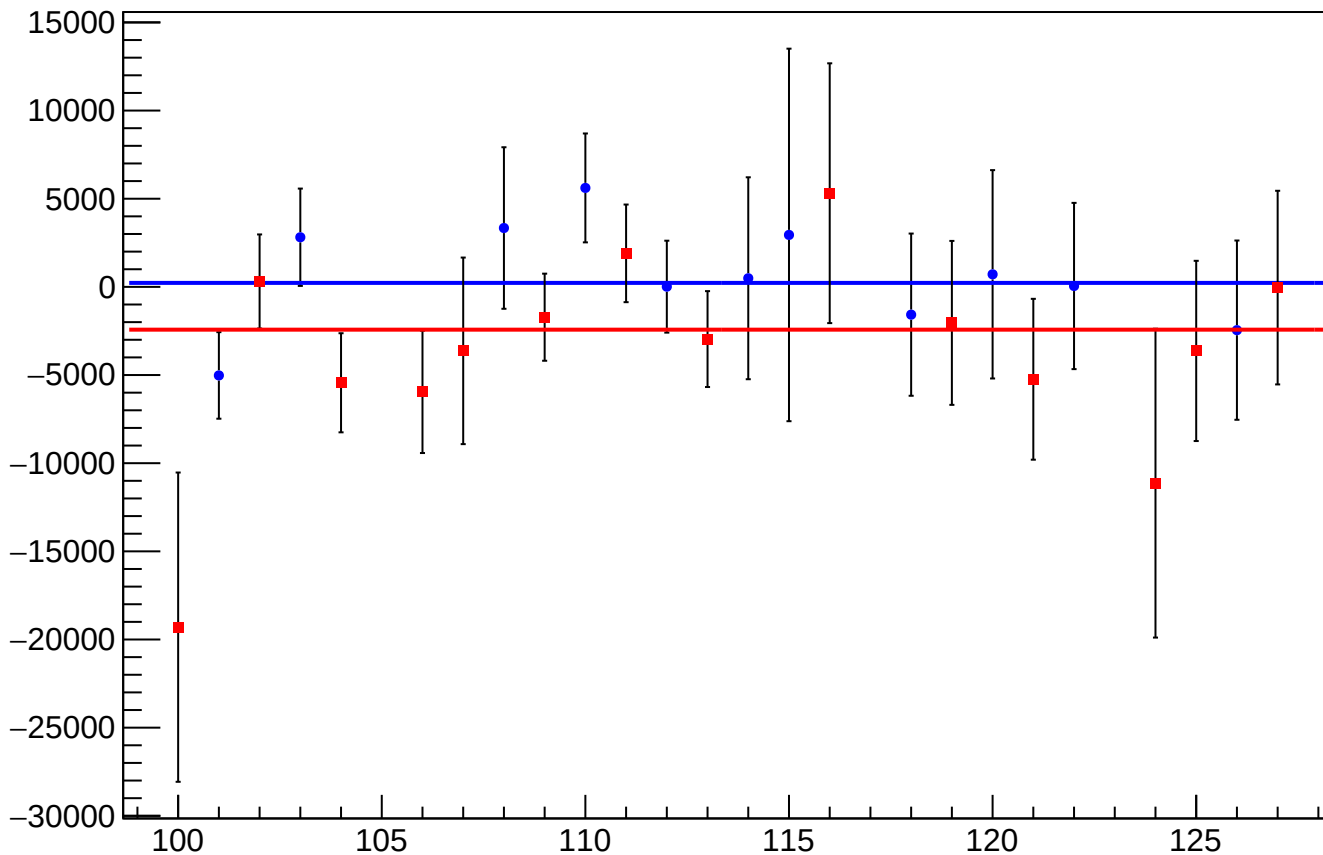
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 230.221+/-0.053 χ^2/NDF : 720384.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_eigen_cor_correction_mean vs Slug



Right In: 225.910+/-1120.917 χ^2/NDF : 9.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2426.571+/-987.423 χ^2/NDF : 12.3/13

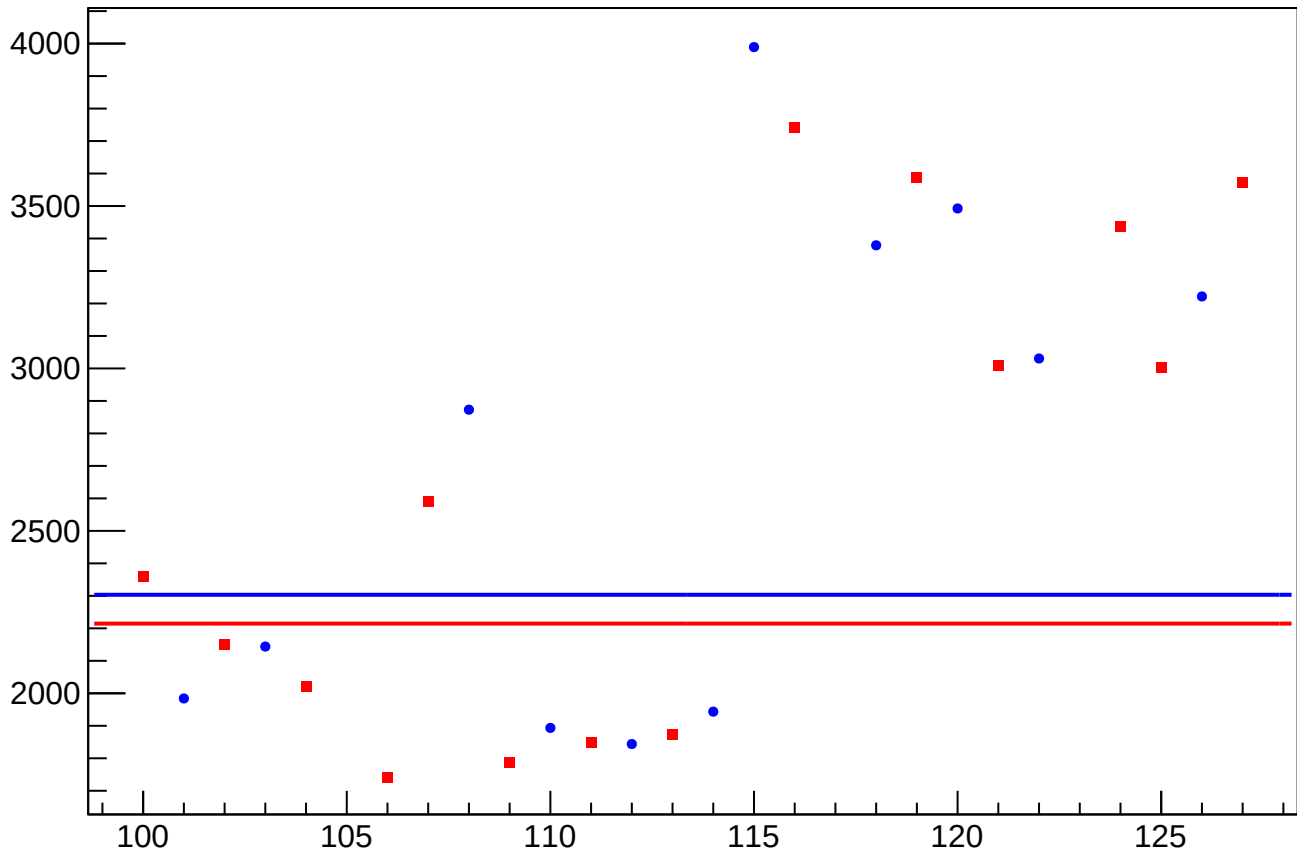
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1267.607+/-740.939 χ^2/NDF : 24.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_eigen_cor_correction_rms vs Slug



Right In: 2303.325+/-0.793 χ^2/NDF : 530826.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

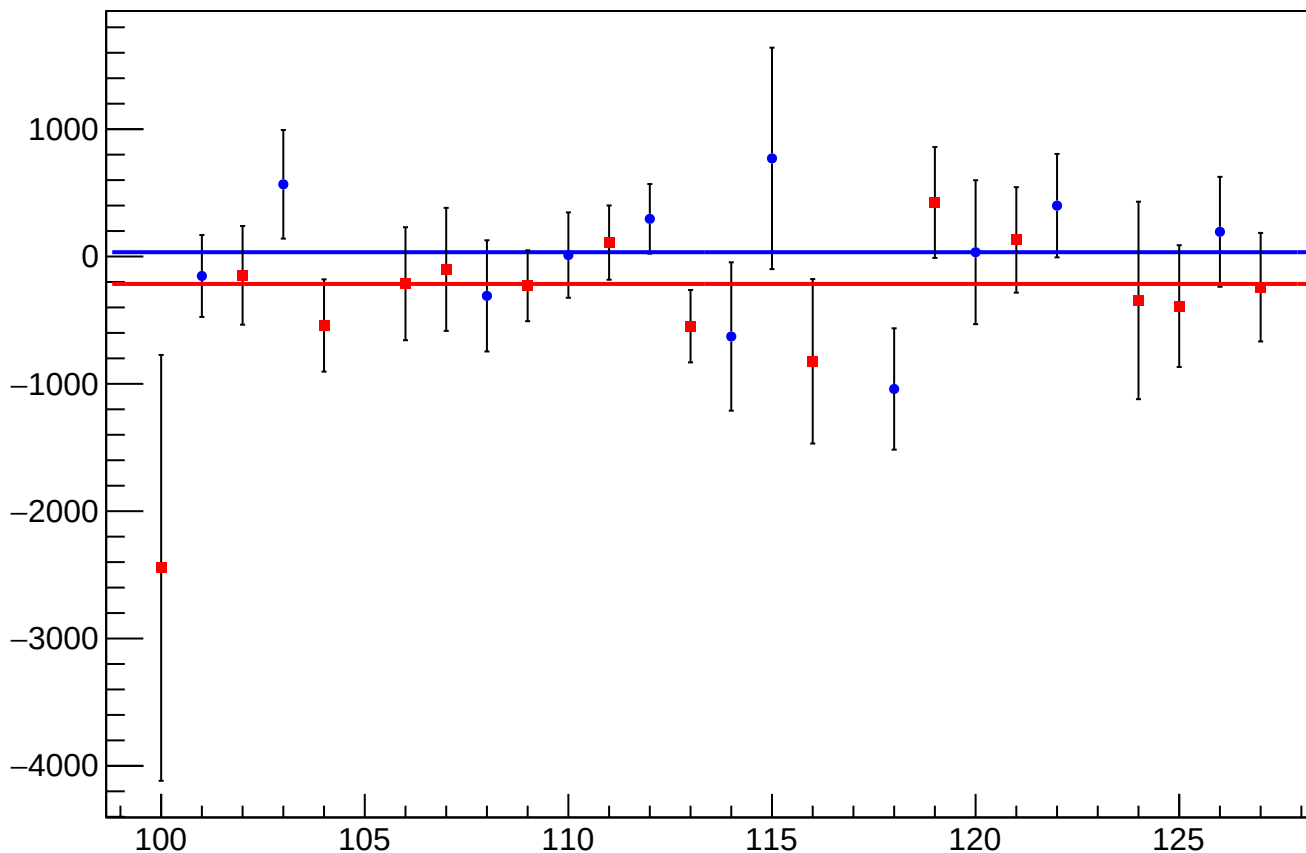
Right Out: 2214.615+/-0.698 χ^2/NDF : 713656.4/13

All: 2253.376+/-0.524 χ^2/NDF : 1251535.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam4_mean vs Slug



Right In: 33.786 $\pm$ 123.163 χ^2 /NDF: 11.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -215.382 $\pm$ 107.770 χ^2 /NDF: 9.2/13

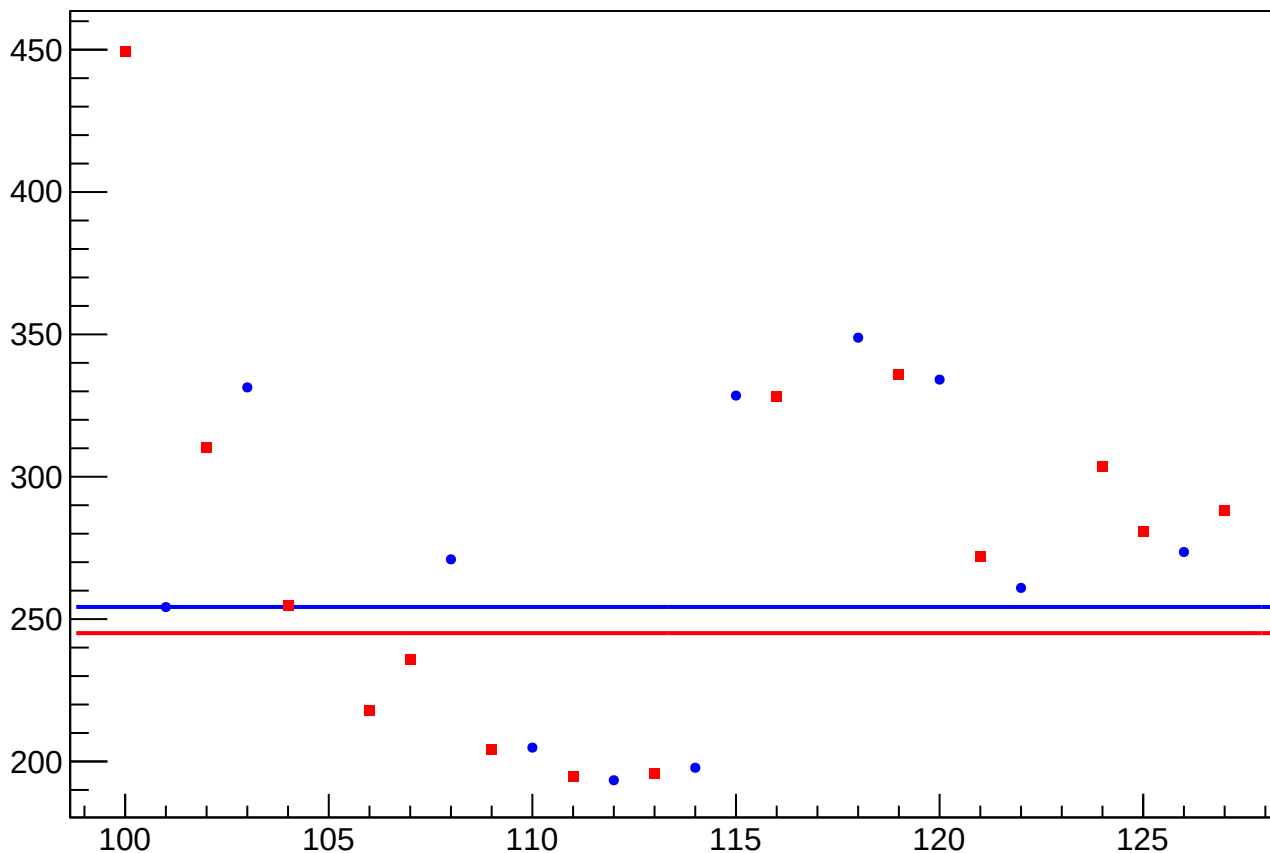
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -107.333 $\pm$ 81.104 χ^2 /NDF: 23.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam4_rms vs Slug



Right In: 254.270 $\pm$ 0.087 χ^2 /NDF: 367507.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 245.084 $\pm$ 0.076 χ^2 /NDF: 431034.9/13

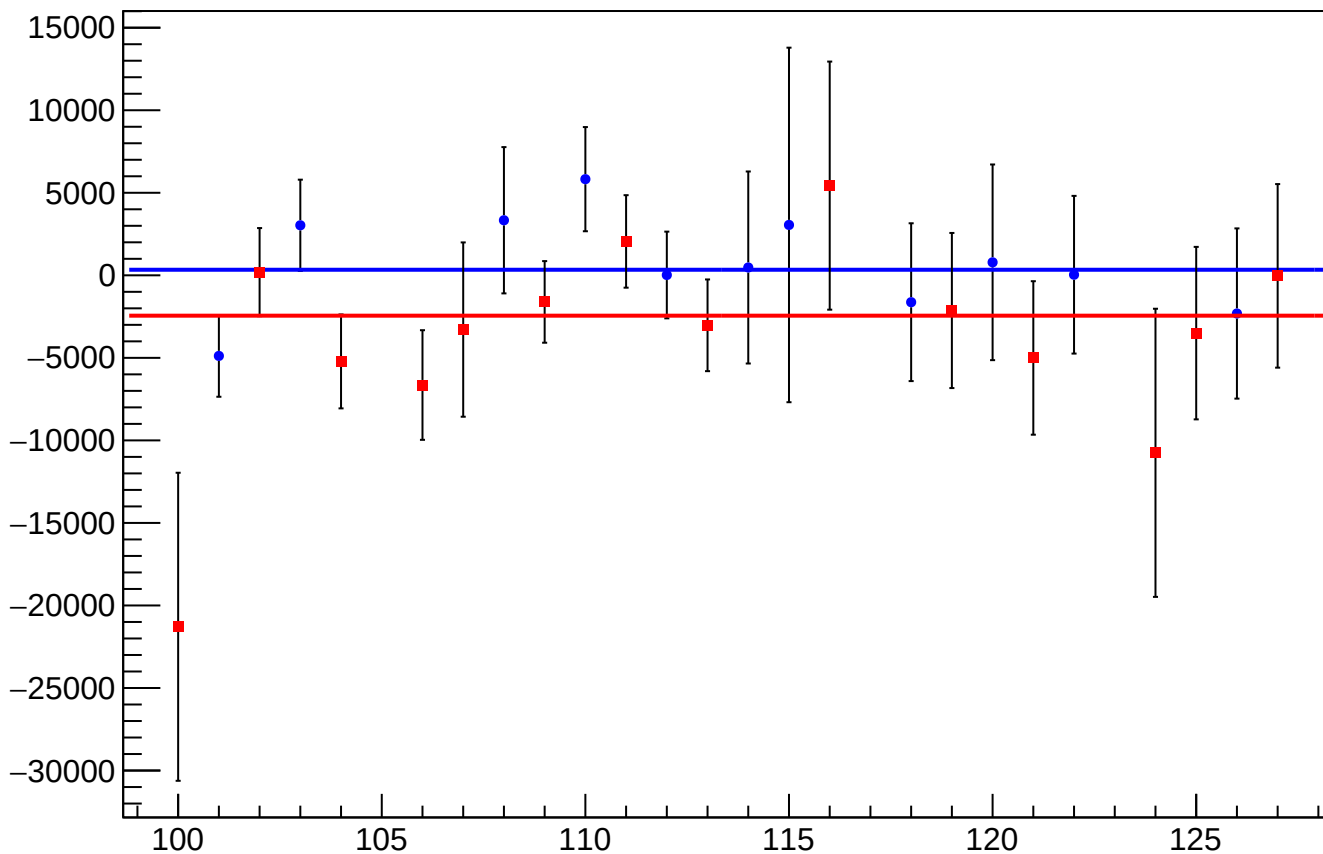
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 249.068 $\pm$ 0.057 χ^2 /NDF: 804843.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_dit_correction_mean vs Slug



Right In: 337.344+/-1130.429 χ^2/NDF : 9.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2444.703+/-993.059 χ^2/NDF : 12.9/13

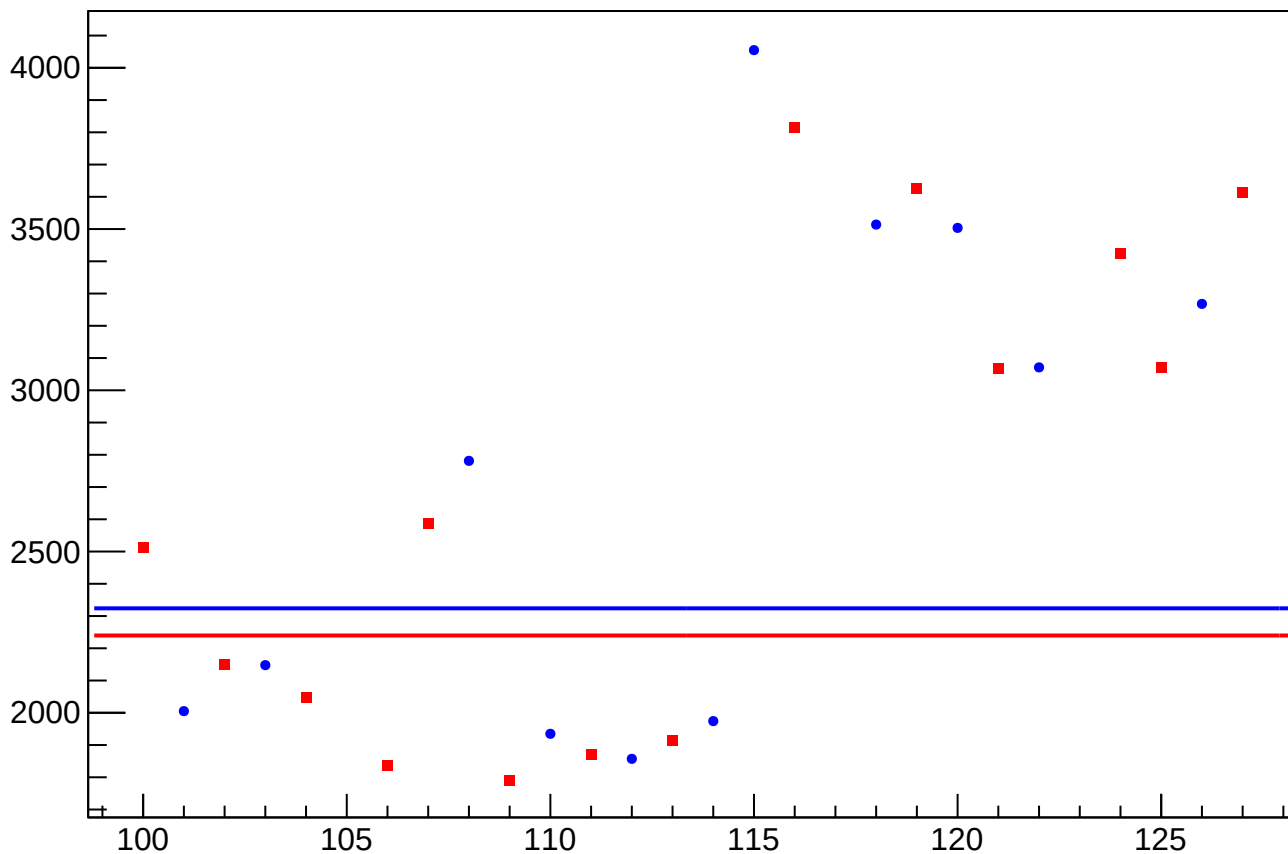
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1232.902+/-746.065 χ^2/NDF : 25.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_dit_correction_rms vs Slug



Right In: 2323.889+/-0.799 χ^2/NDF : 534536.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2239.615+/-0.702 χ^2/NDF : 713911.0/13

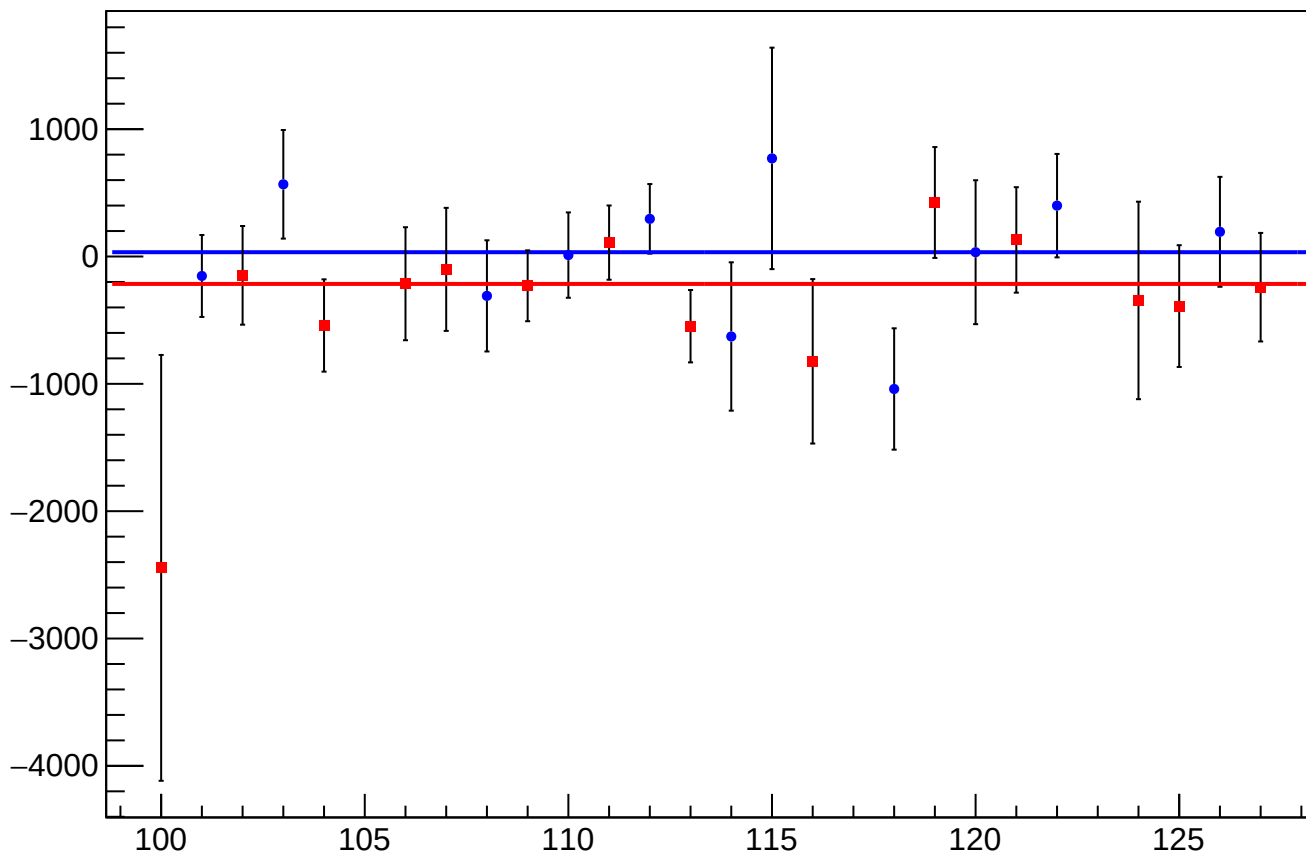
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2276.323+/-0.528 χ^2/NDF : 1254721.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam4_mean vs Slug



Right In: 33.786 $\pm$ 123.163 χ^2 /NDF: 11.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -215.382 $\pm$ 107.770 χ^2 /NDF: 9.2/13

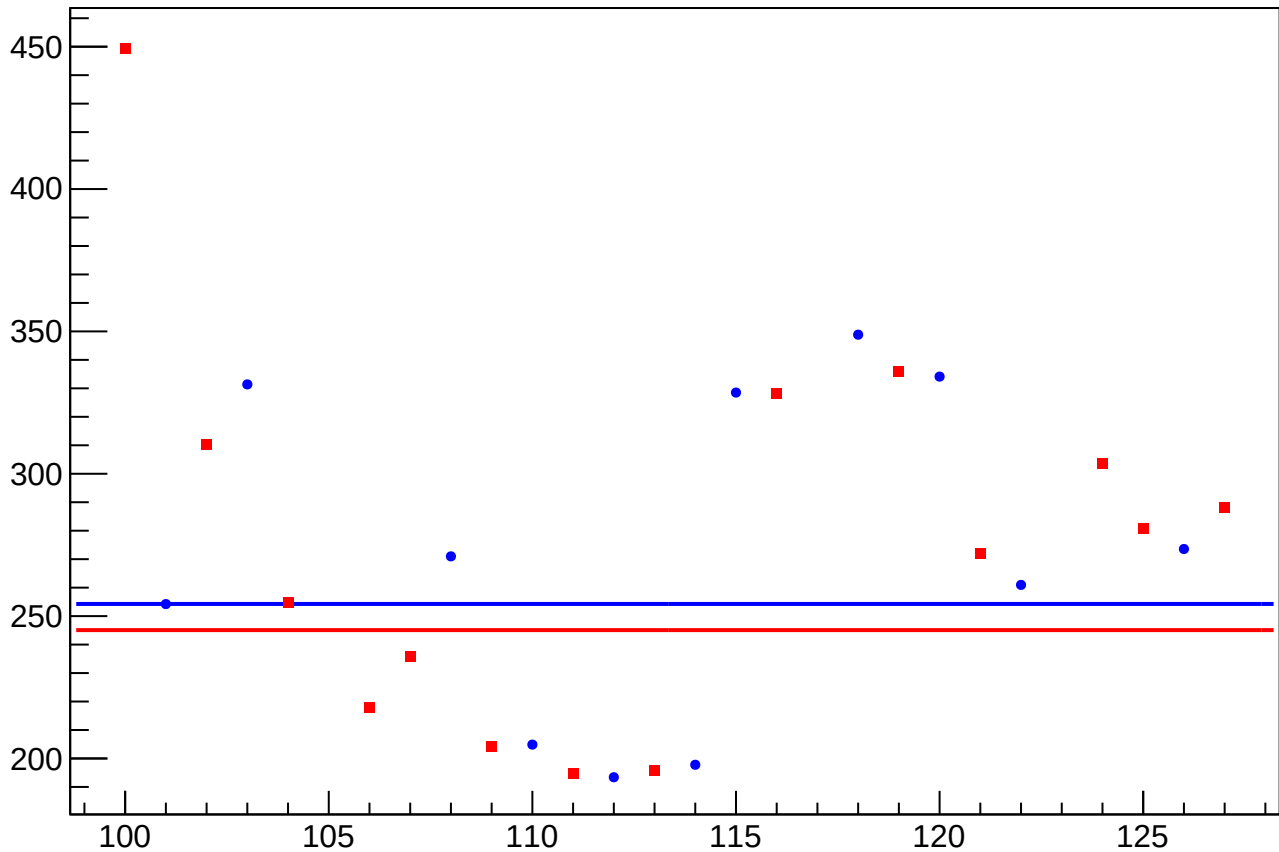
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -107.333 $\pm$ 81.104 χ^2 /NDF: 23.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam4_rms vs Slug



Right In: 254.270 $\pm$ 0.087 χ^2 /NDF: 367512.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 245.084 $\pm$ 0.076 χ^2 /NDF: 431035.4/13

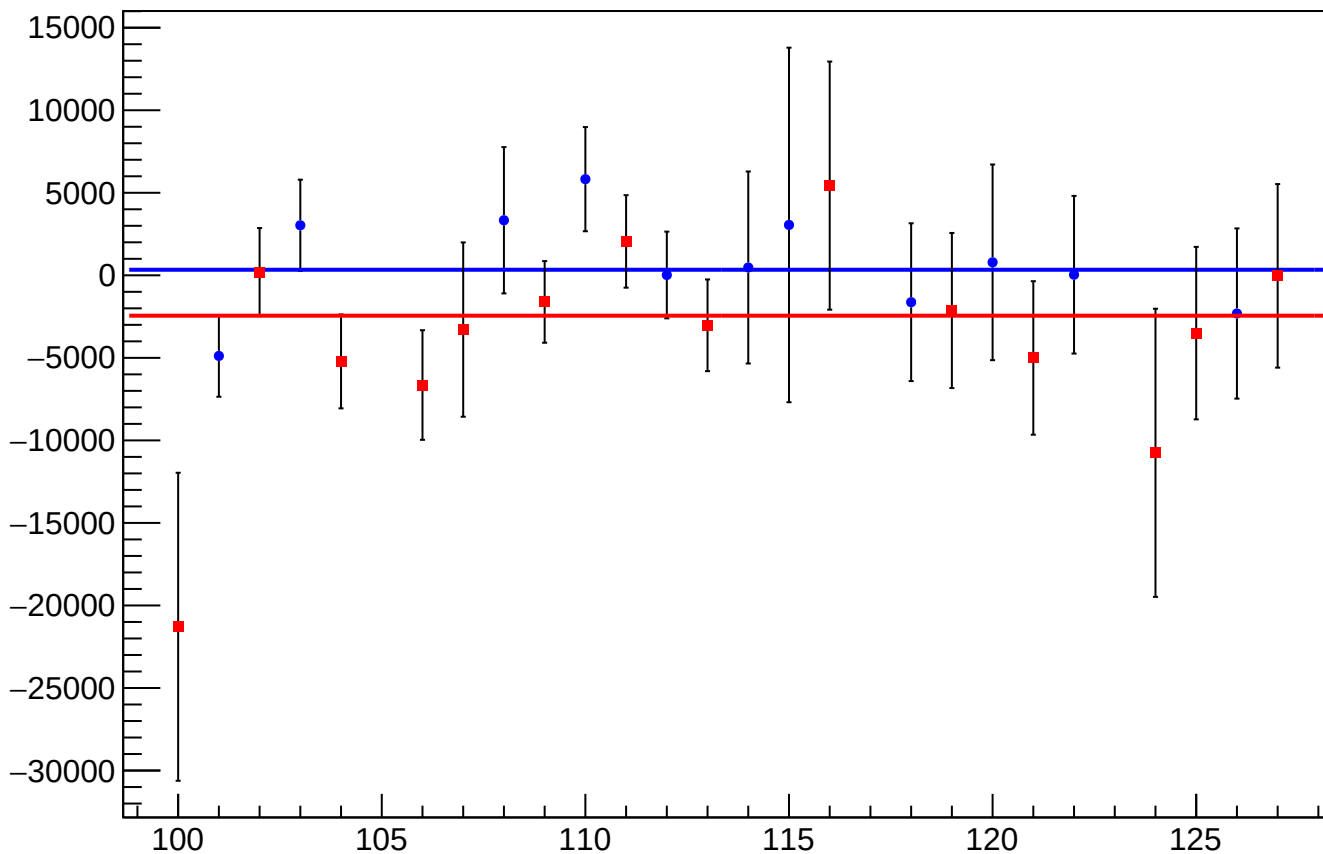
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 249.067 $\pm$ 0.057 χ^2 /NDF: 804848.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_eigen_dit_correction_mean vs Slug



Right In: 337.345+/-1130.429 χ^2 /NDF: 9.4/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2444.701+/-993.058 χ^2 /NDF: 12.9/13

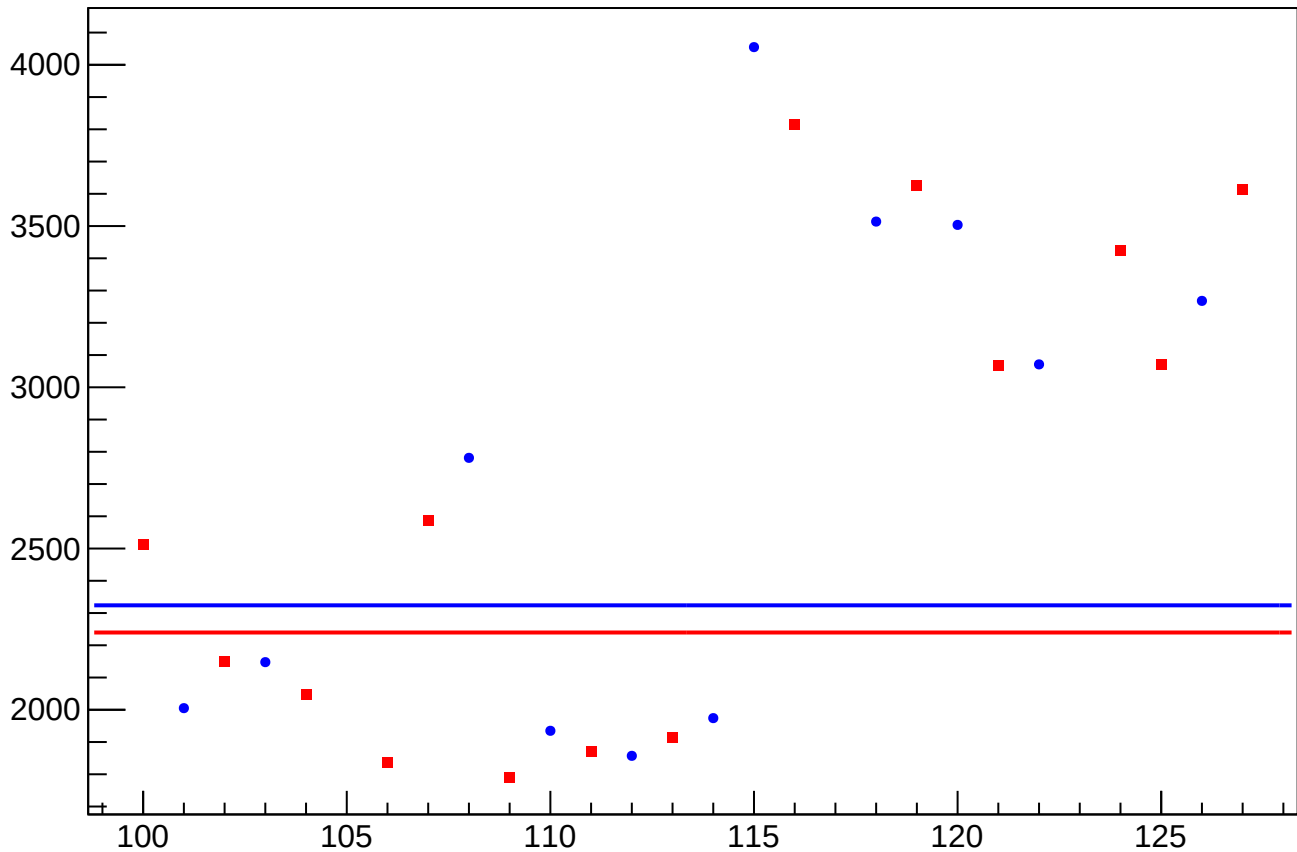
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1232.901+/-746.065 χ^2 /NDF: 25.7/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam4_eigen_dit_correction_rms vs Slug



Right In: 2323.888+/-0.799 χ^2/NDF : 534537.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2239.614+/-0.702 χ^2/NDF : 713912.7/13

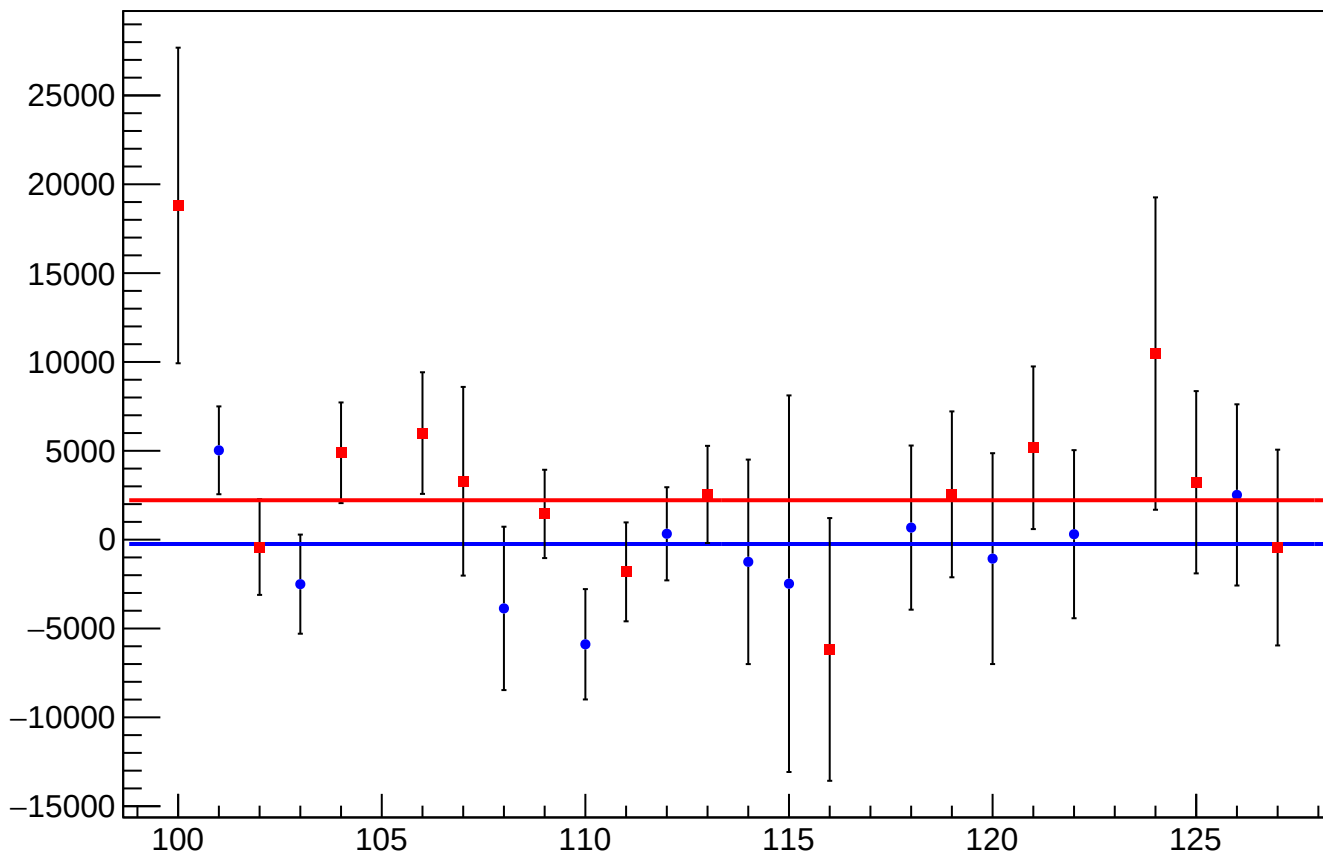
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2276.322+/-0.528 χ^2/NDF : 1254724.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_mean vs Slug



Right In: -244.467+/-1127.708 χ^2/NDF : 9.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2218.452+/-991.704 χ^2/NDF : 11.7/13

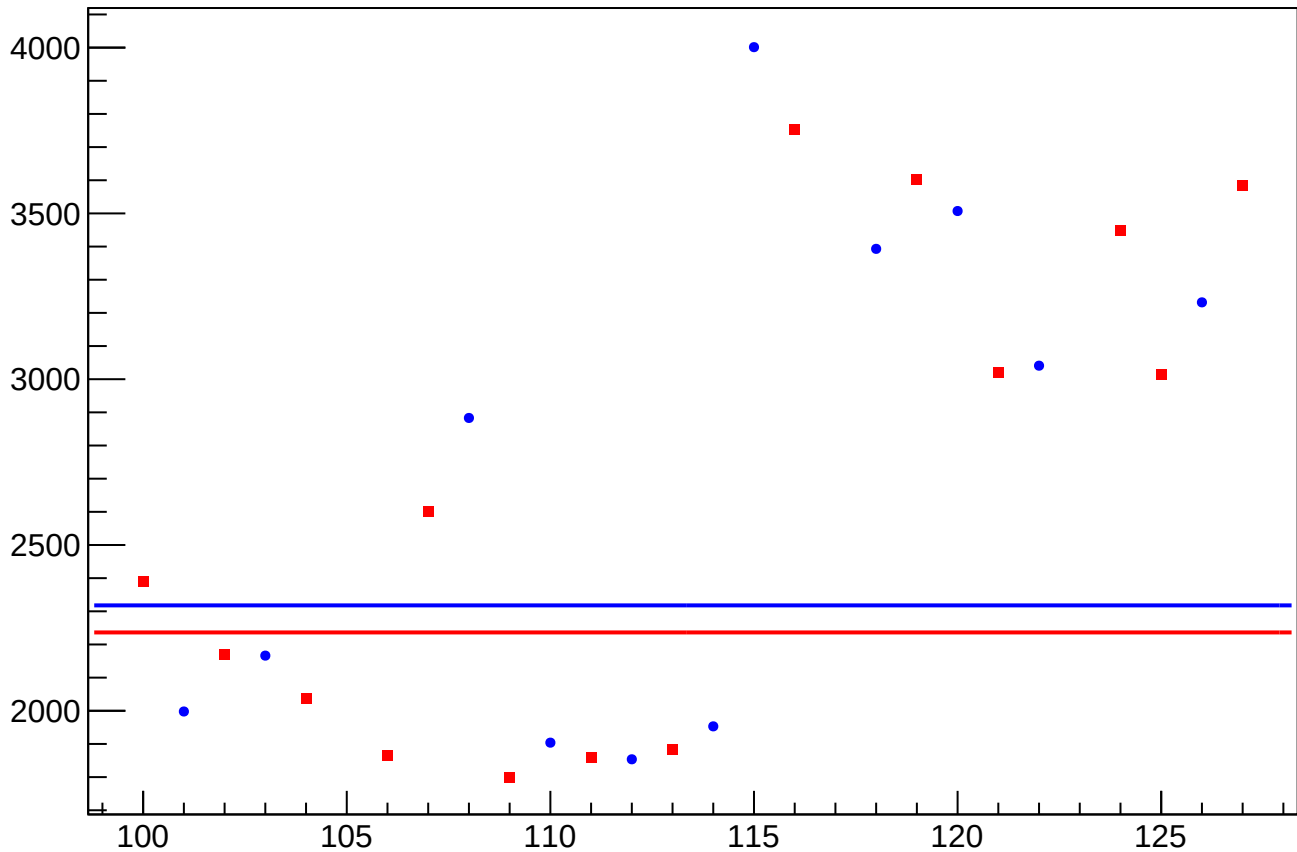
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1144.392+/-744.708 χ^2/NDF : 24.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_rms vs Slug



Right In: 2317.899+/-0.797 χ^2/NDF : 526127.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2236.305+/-0.701 χ^2/NDF : 694217.0/13

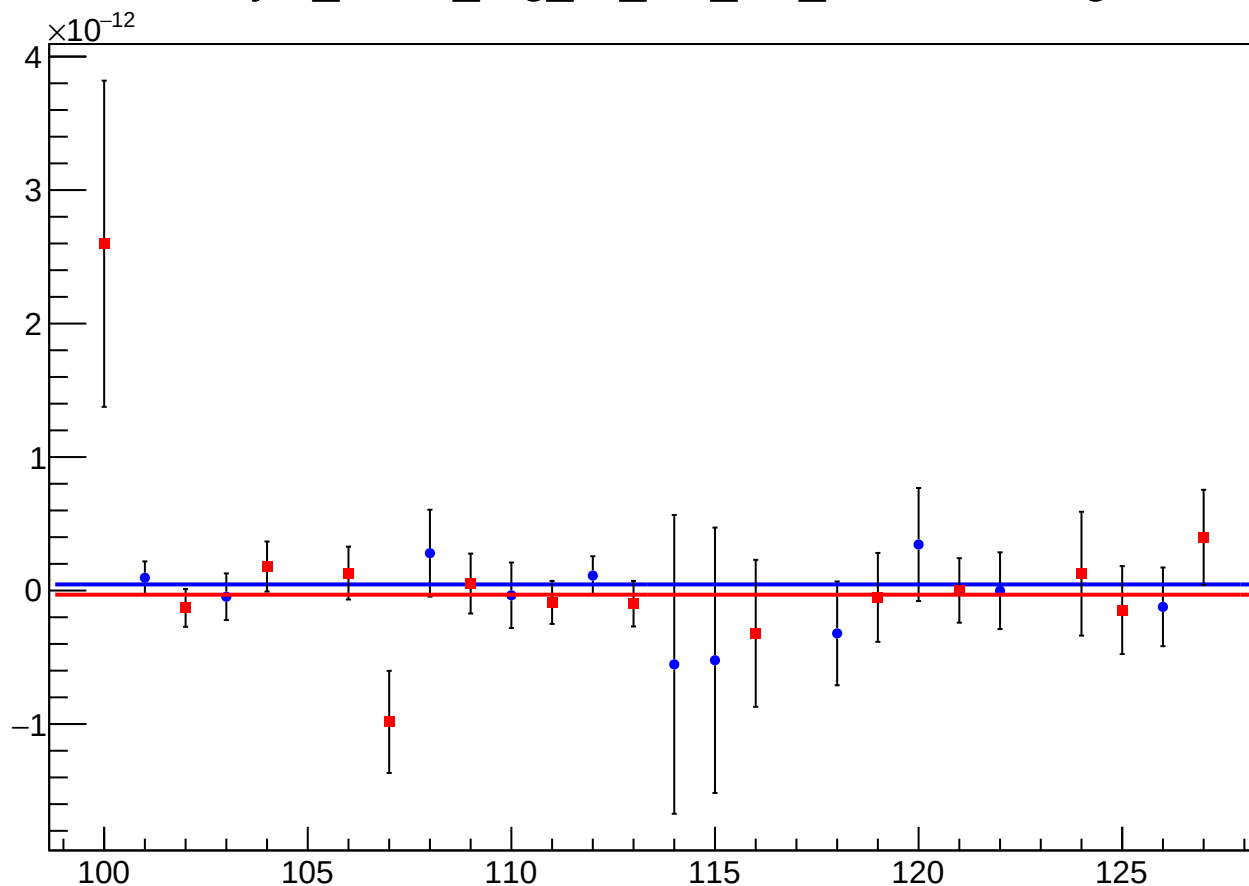
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2271.888+/-0.527 χ^2/NDF : 1226248.9/24

- sign 0.000+/-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: 3.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.7/13

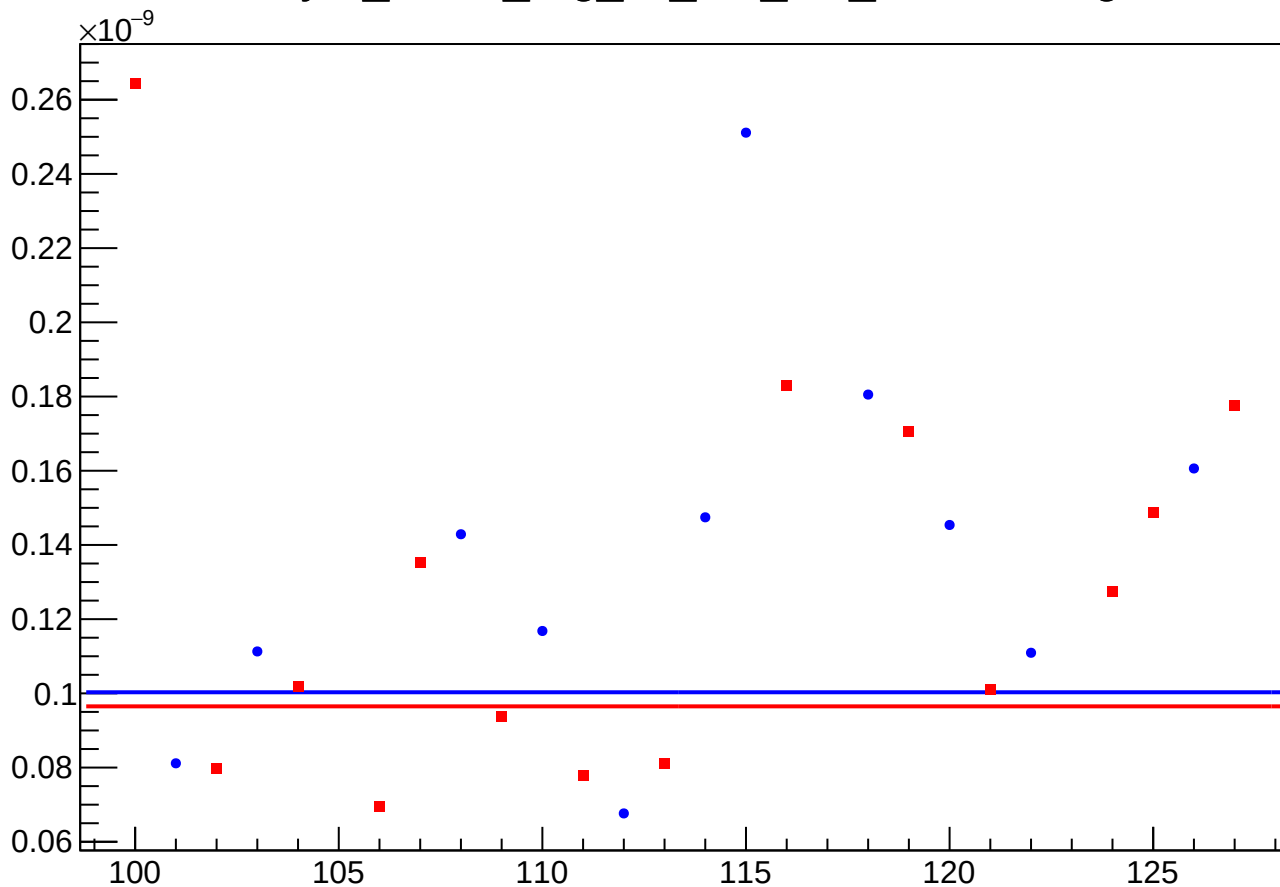
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 20.0/24

- 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 $\pm$ 0.000 χ^2 /NDF: 445821.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 479659.7/13

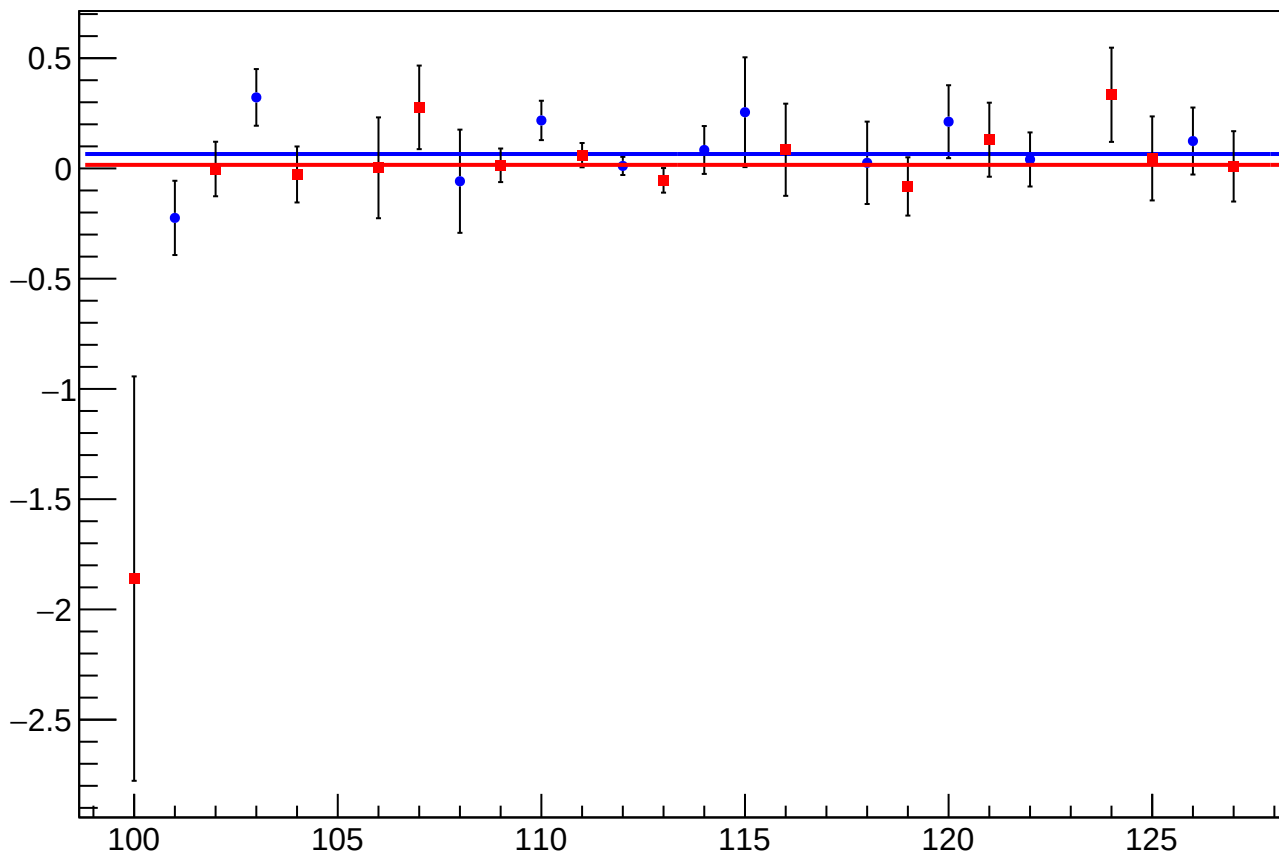
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 928809.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_dit_vs_cor_diff_mean vs Slug



Right In: 0.065+/-0.030 χ^2/NDF : 13.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.029 χ^2/NDF : 11.8/13

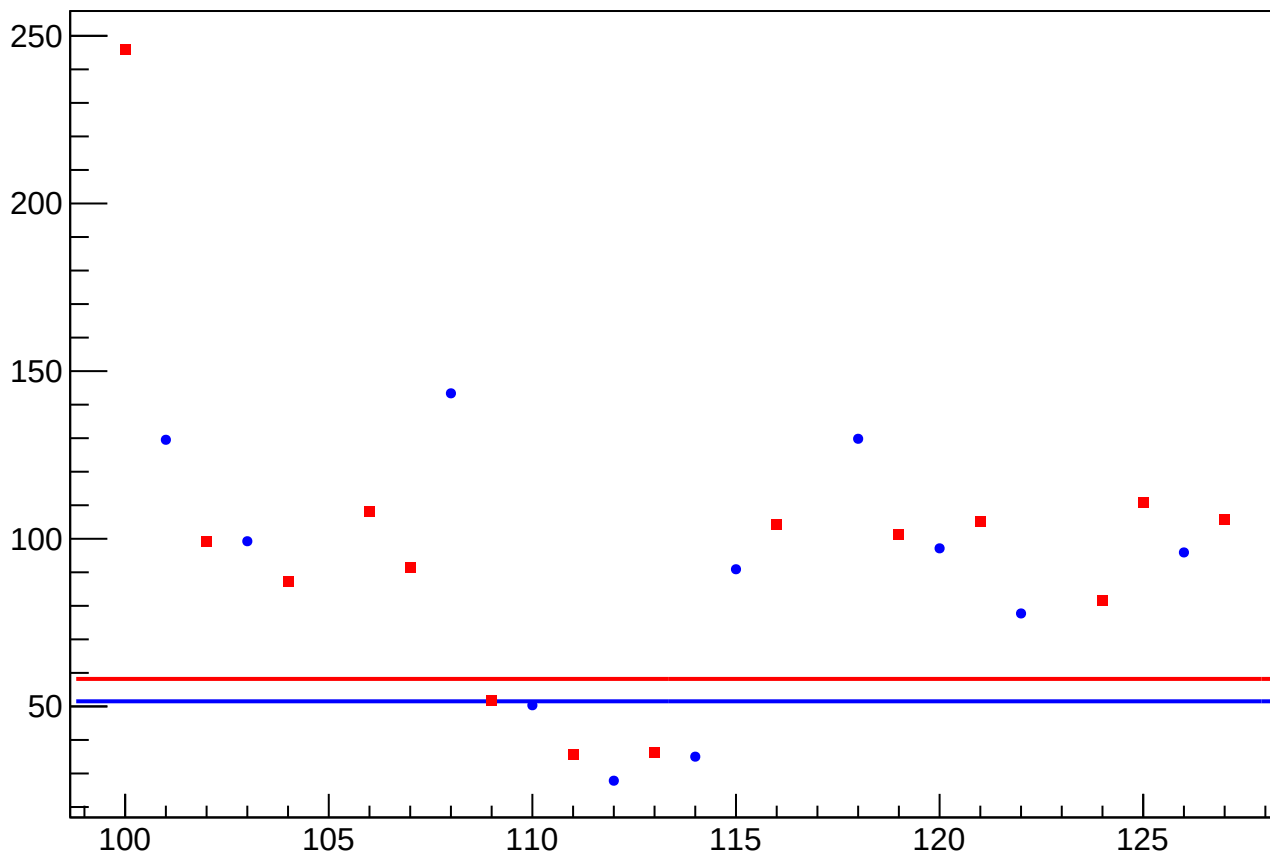
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.040+/-0.021 χ^2/NDF : 26.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_dit_vs_cor_diff_rms vs Slug



Right In: 51.527+/-0.021 χ^2/NDF : 2537996.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.203+/-0.020 χ^2/NDF : 2047379.4/13

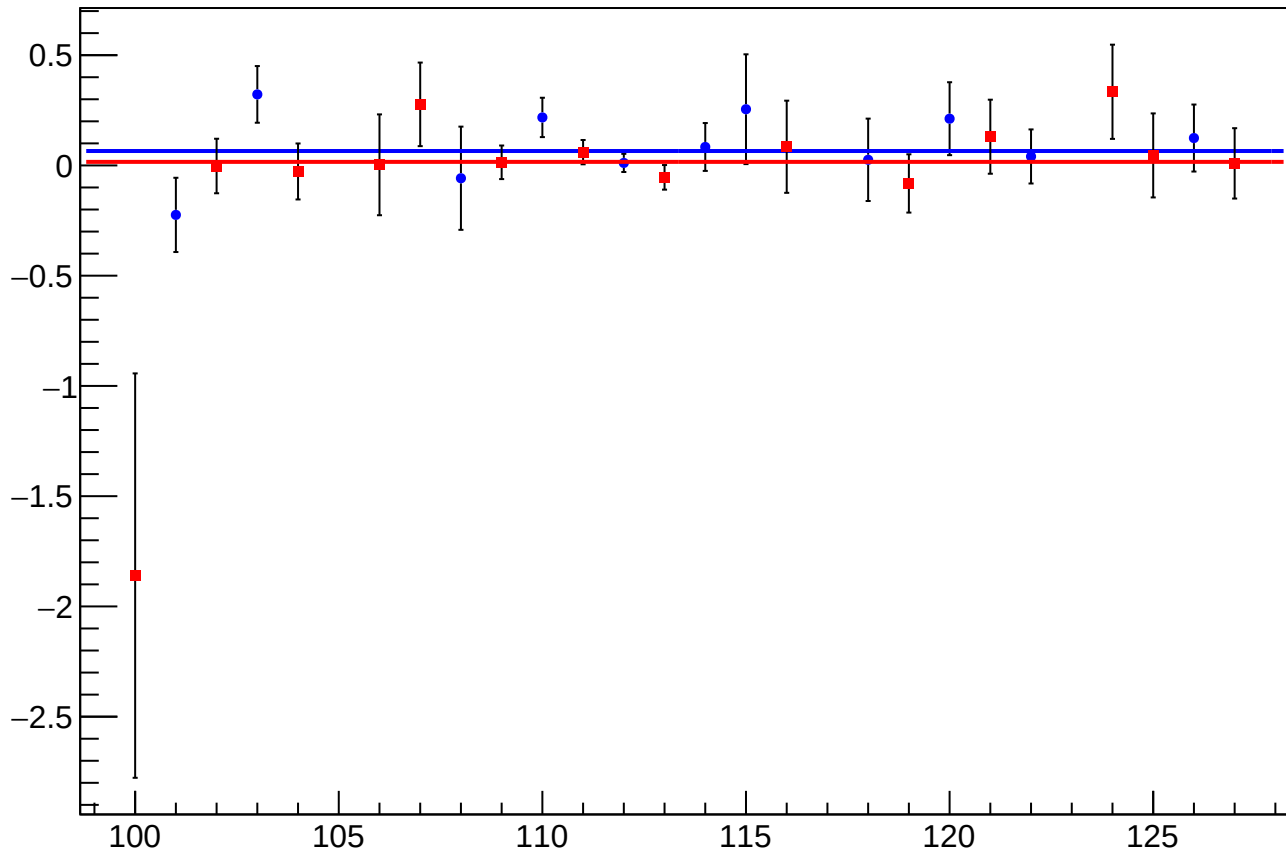
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.005+/-0.015 χ^2/NDF : 4636753.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.065+/-0.030 χ^2/NDF : 13.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.029 χ^2/NDF : 11.8/13

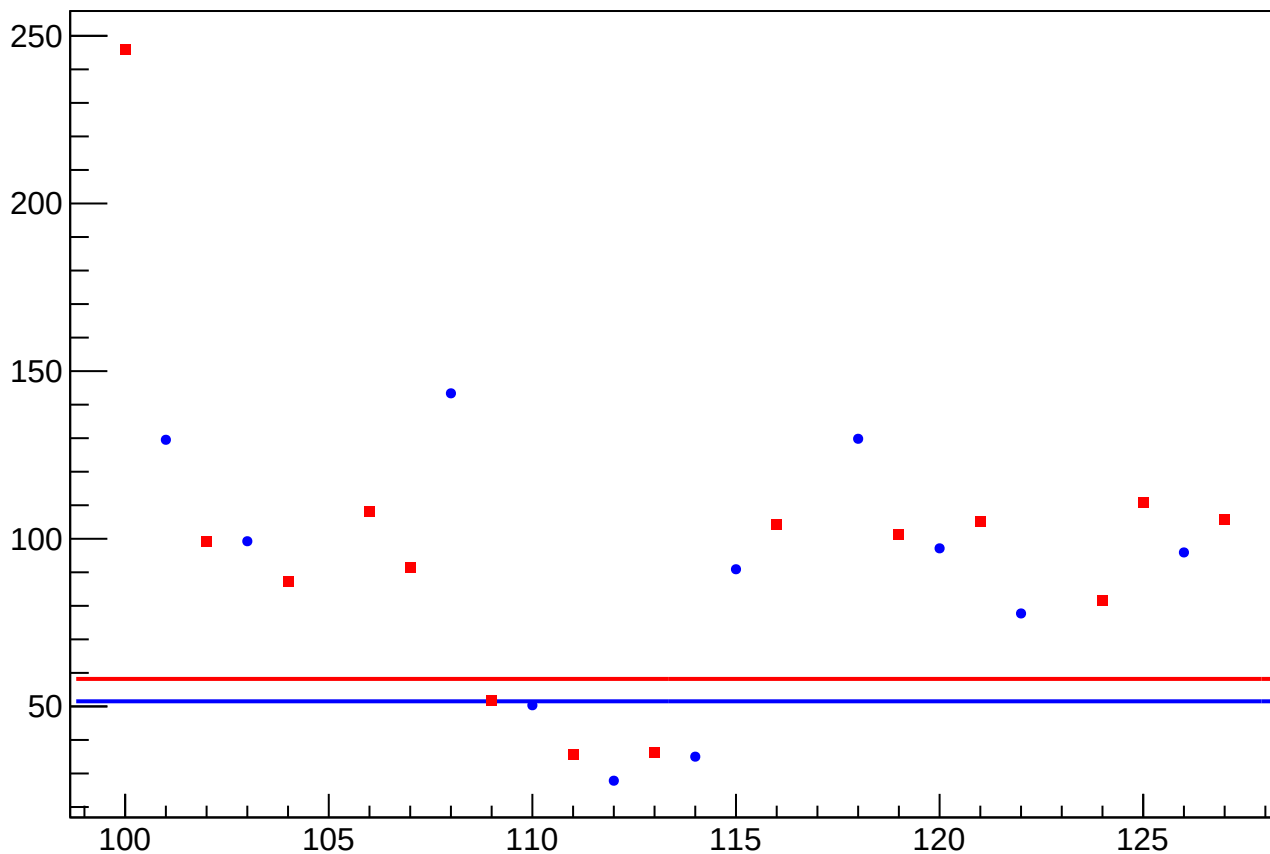
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.040+/-0.021 χ^2/NDF : 26.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 51.527+/-0.021 χ^2/NDF : 2537996.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.203+/-0.020 χ^2/NDF : 2047379.4/13

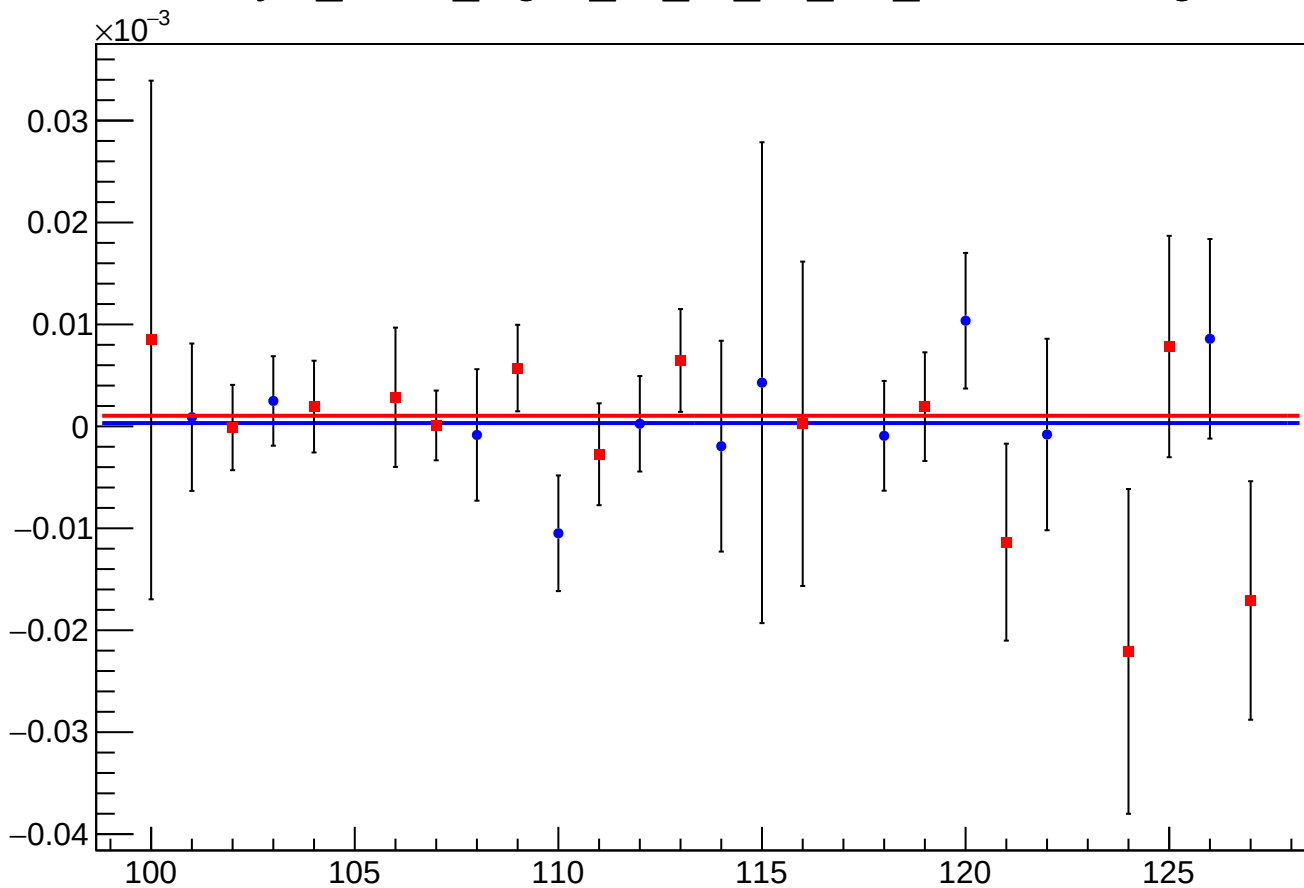
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.005+/-0.015 χ^2/NDF : 4636753.6/24

- 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+/-0.000 χ^2/NDF : 7.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.9/13

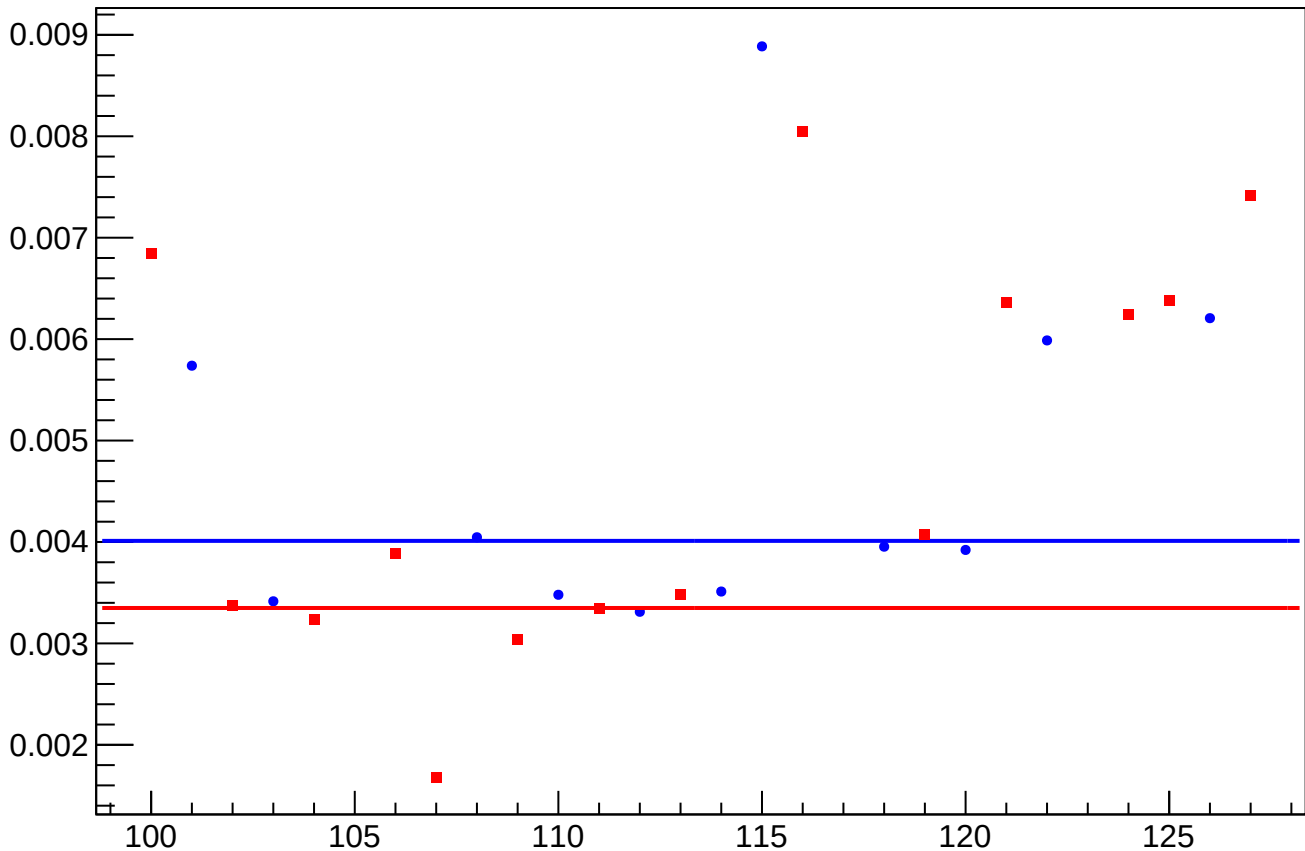
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.0/24

- sign 0.000+/-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 : 493055.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1409756.9/13

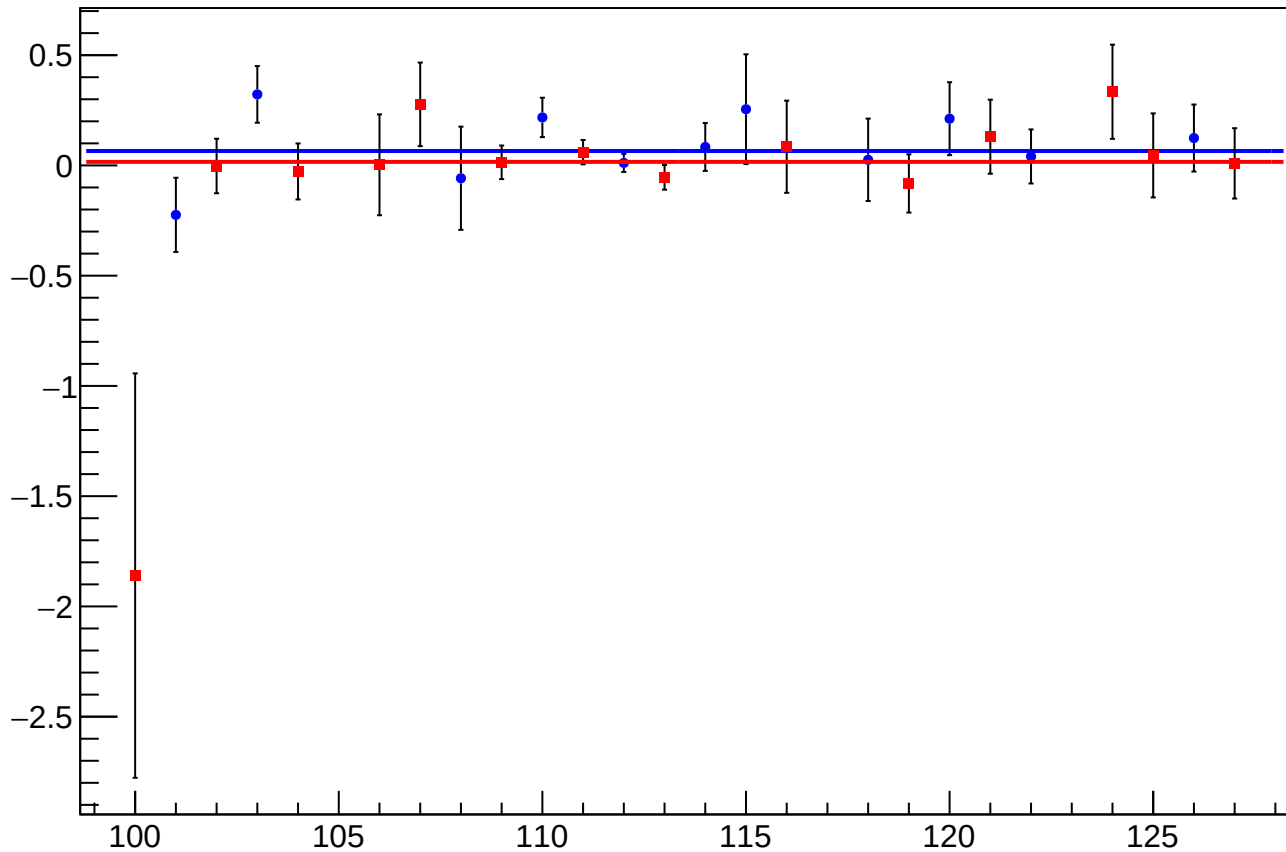
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 2043909.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.065+/-0.030 χ^2/NDF : 13.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.029 χ^2/NDF : 11.8/13

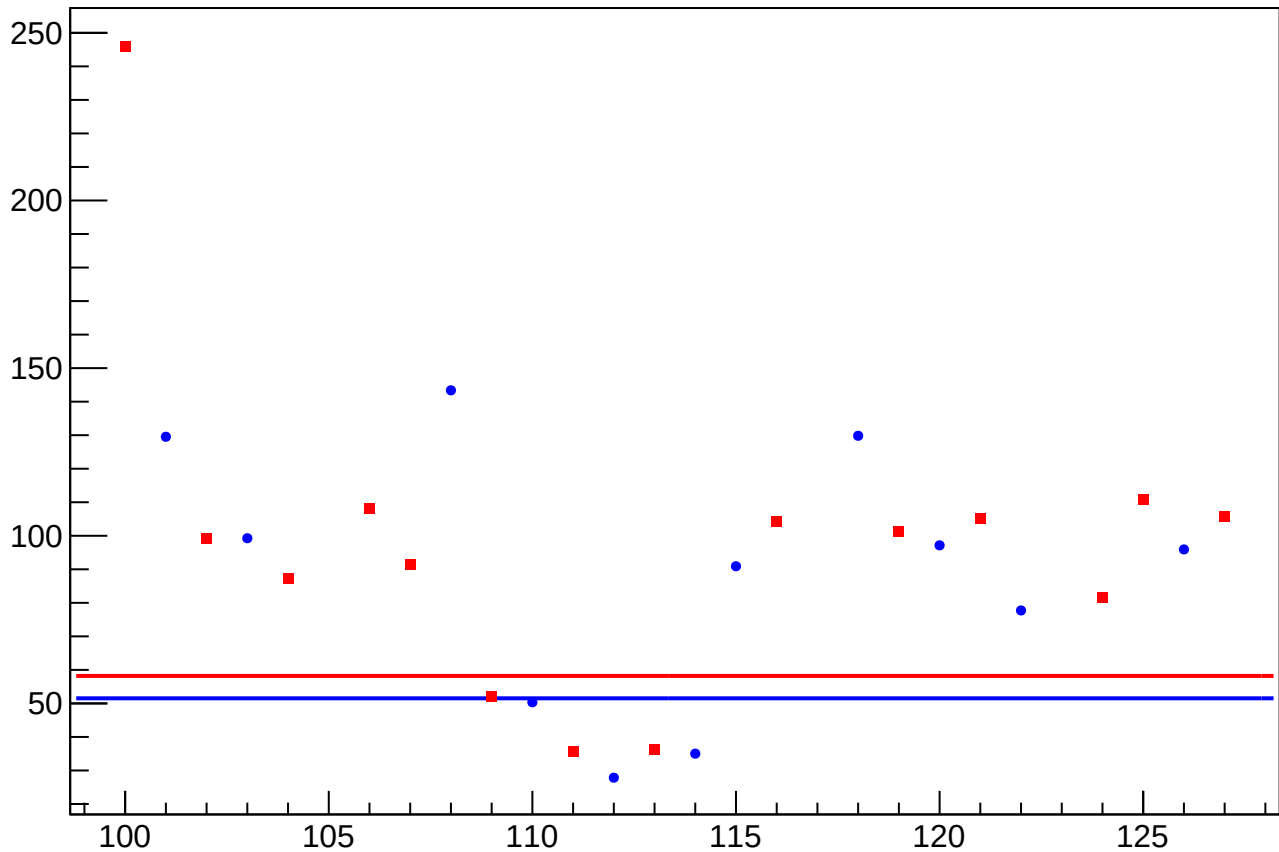
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.040+/-0.021 χ^2/NDF : 26.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 51.525+/-0.021 χ^2/NDF : 2538154.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.201+/-0.020 χ^2/NDF : 2047547.6/13

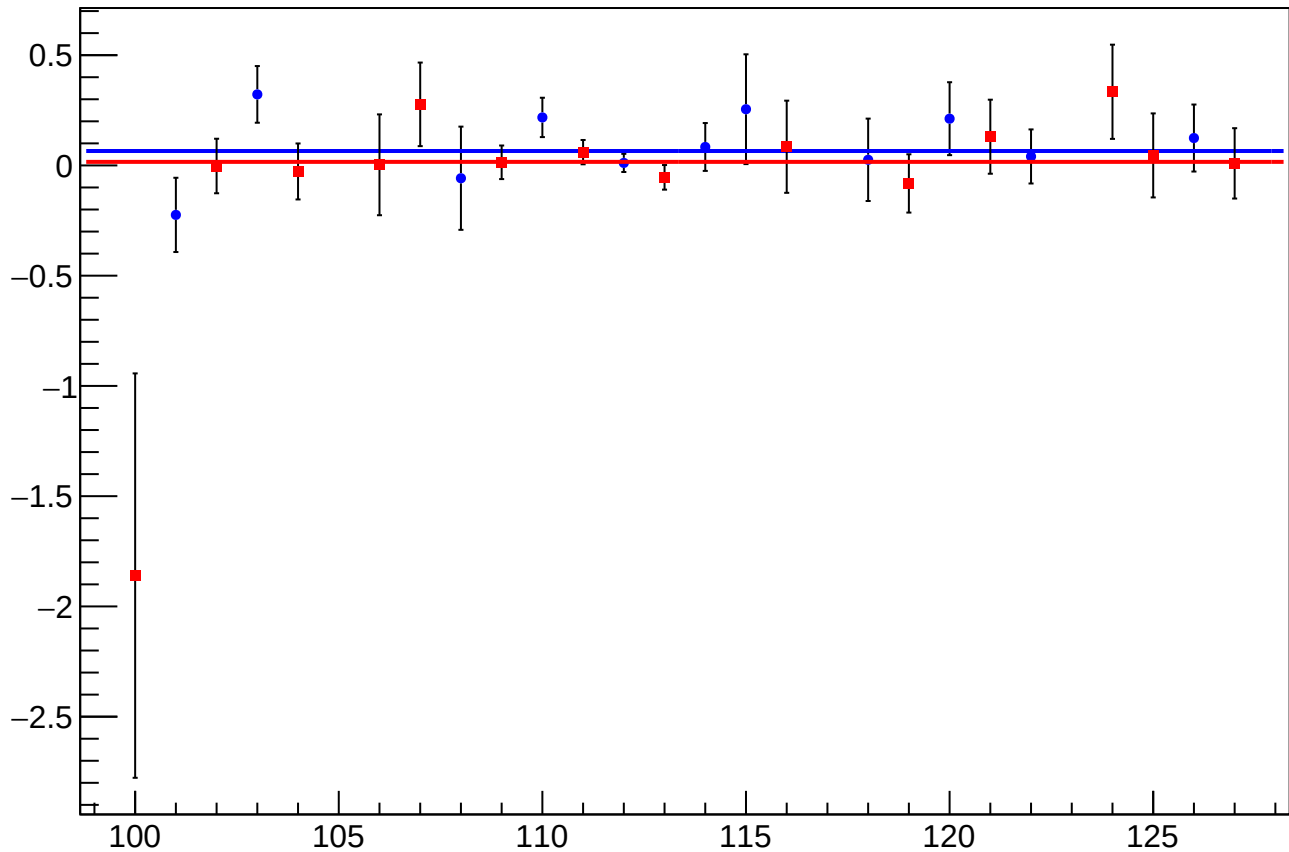
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.003+/-0.015 χ^2/NDF : 4637085.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.065+/-0.030 χ^2/NDF : 13.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.029 χ^2/NDF : 11.8/13

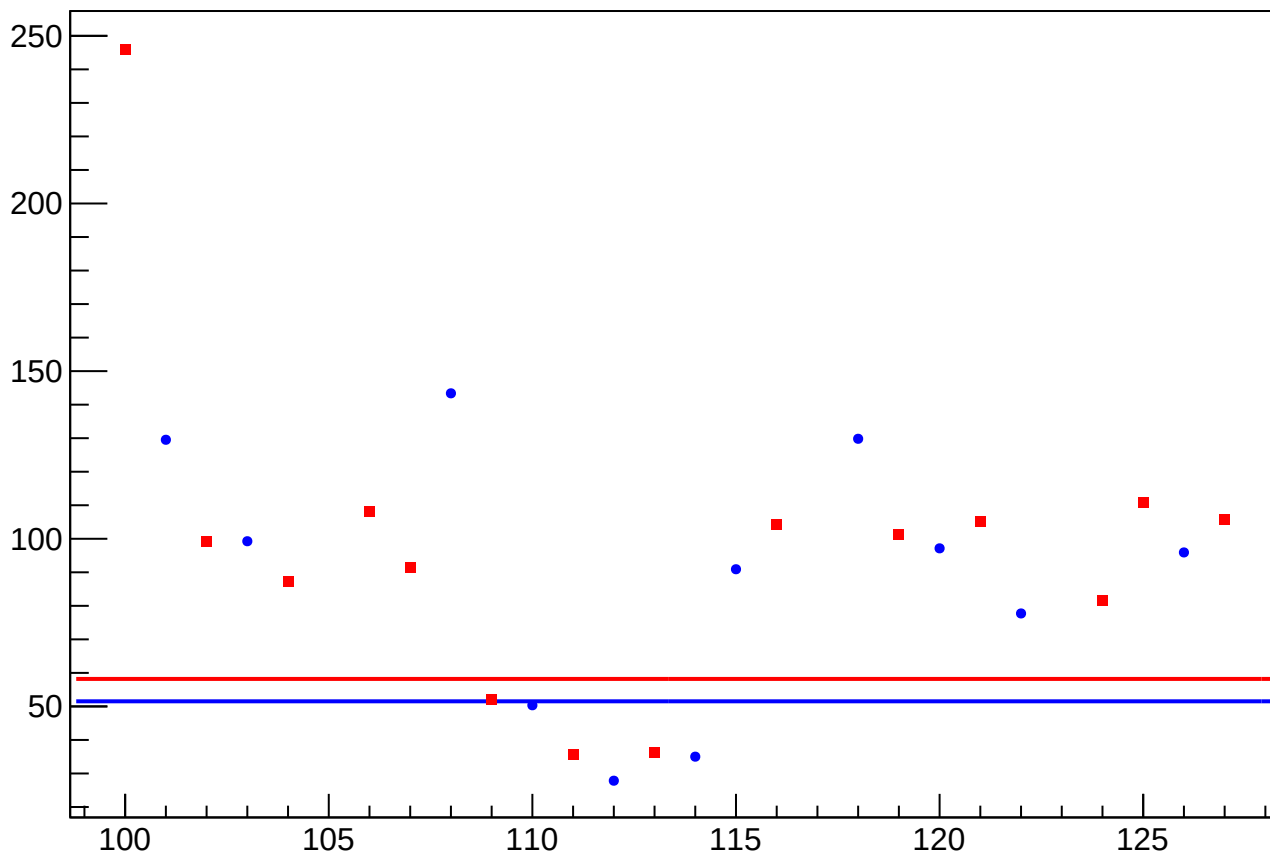
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.040+/-0.021 χ^2/NDF : 26.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 51.525+/-0.021 χ^2/NDF : 2538154.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.201+/-0.020 χ^2/NDF : 2047547.6/13

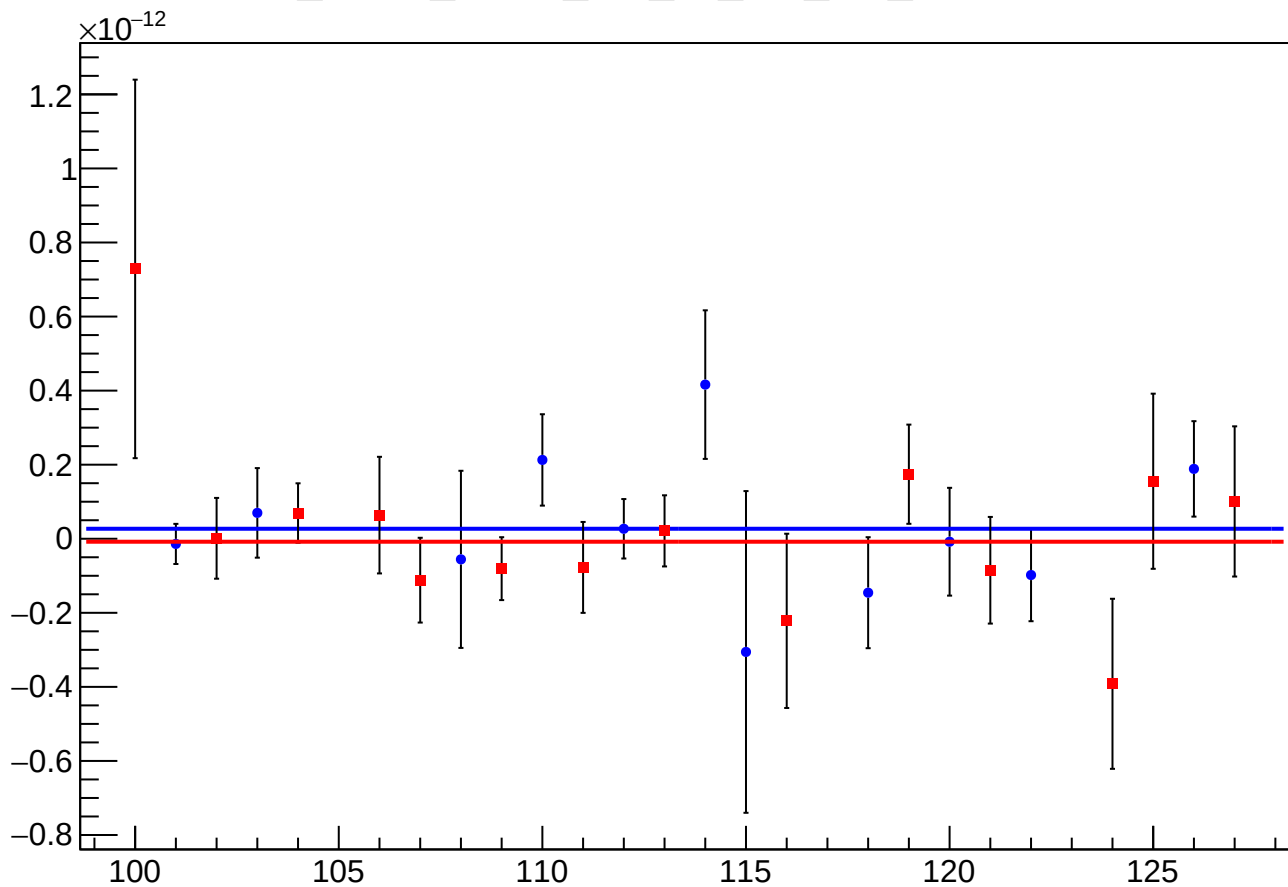
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.003+/-0.015 χ^2/NDF : 4637085.5/24

- sign 0.000+/-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: 11.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.7/13

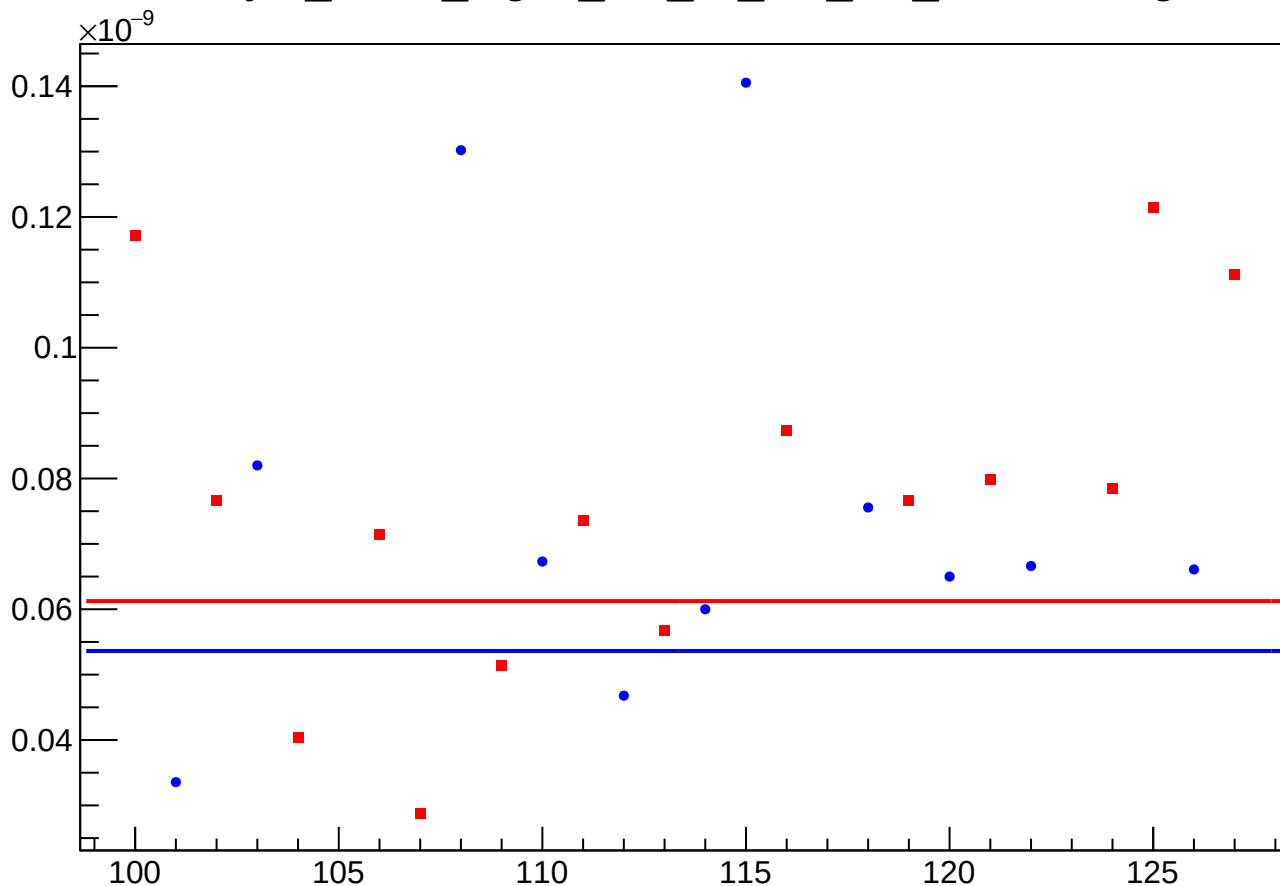
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.7/24

- 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 : 806336.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 765941.4/13

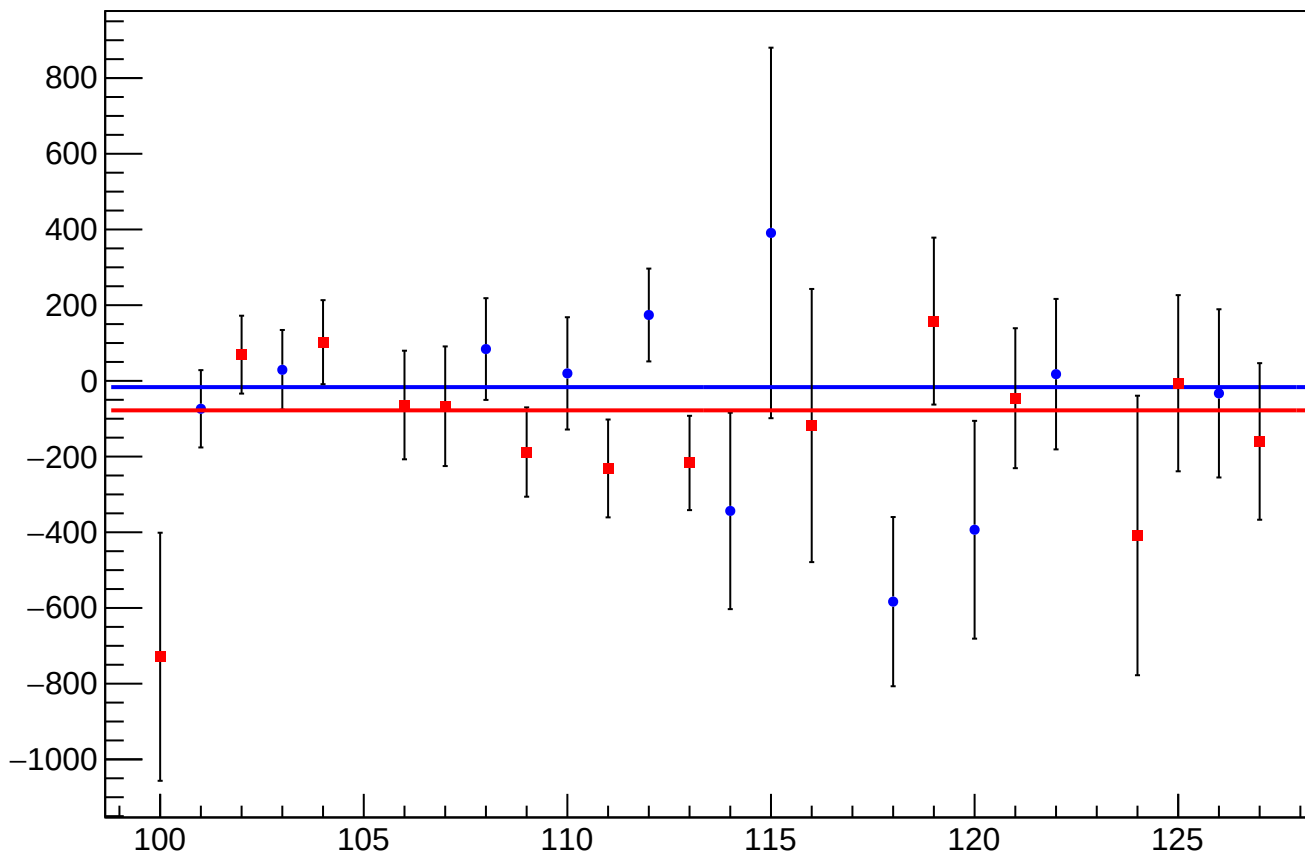
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1623216.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_mean vs Slug



Right In: -16.493+/-47.138 χ^2/NDF : 14.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -77.905+/-41.656 χ^2/NDF : 14.4/13

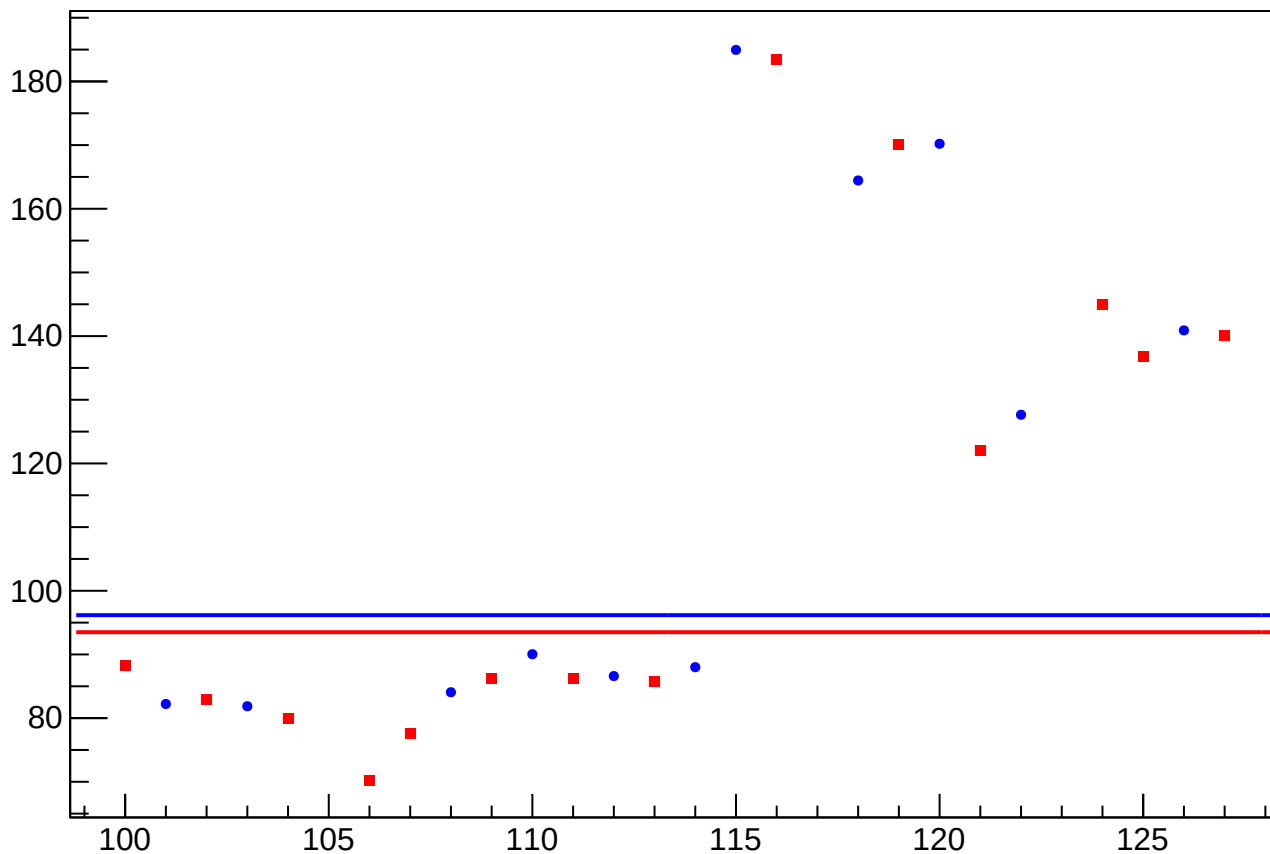
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.977+/-31.214 χ^2/NDF : 29.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_rms vs Slug



Right In: 96.169+/-0.033 χ^2/NDF : 623946.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.493+/-0.029 χ^2/NDF : 769053.0/13

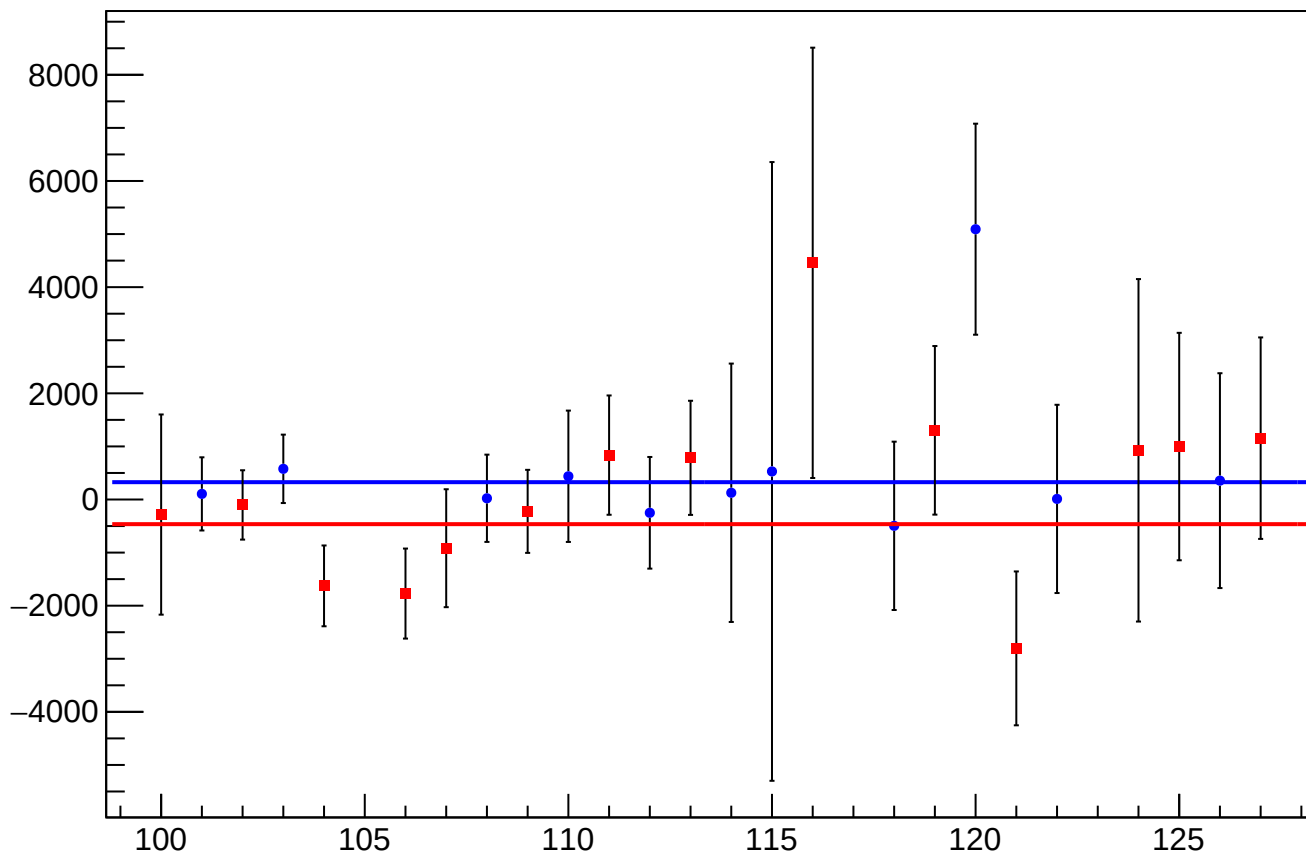
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.667+/-0.022 χ^2/NDF : 1396617.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_reg_correction_mean vs Slug



Right In: 326.527+/-334.017 χ^2/NDF : 6.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -464.262+/-296.549 χ^2/NDF : 14.7/13

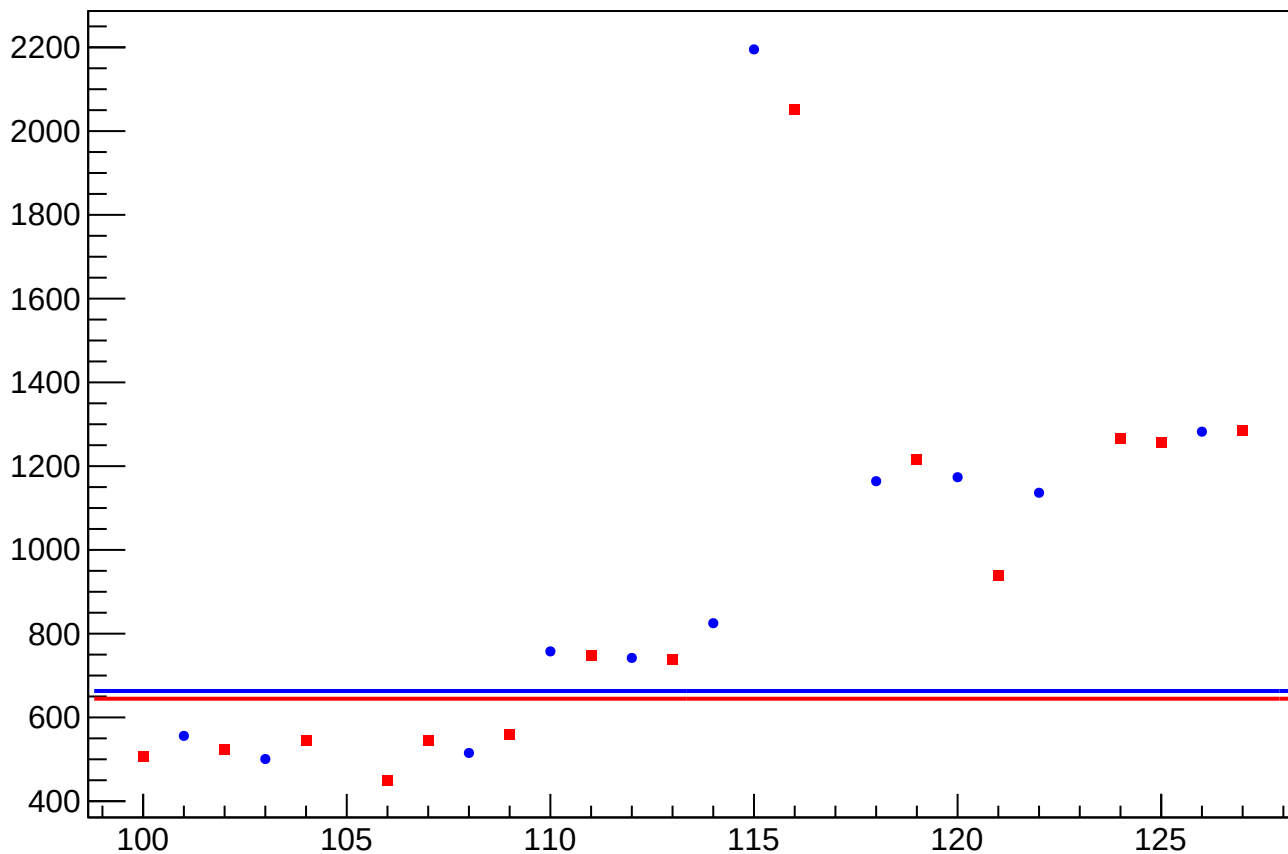
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -115.691+/-221.761 χ^2/NDF : 24.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_reg_correction_rms vs Slug



Right In: 663.130+/-0.236 χ^2/NDF : 1071650.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

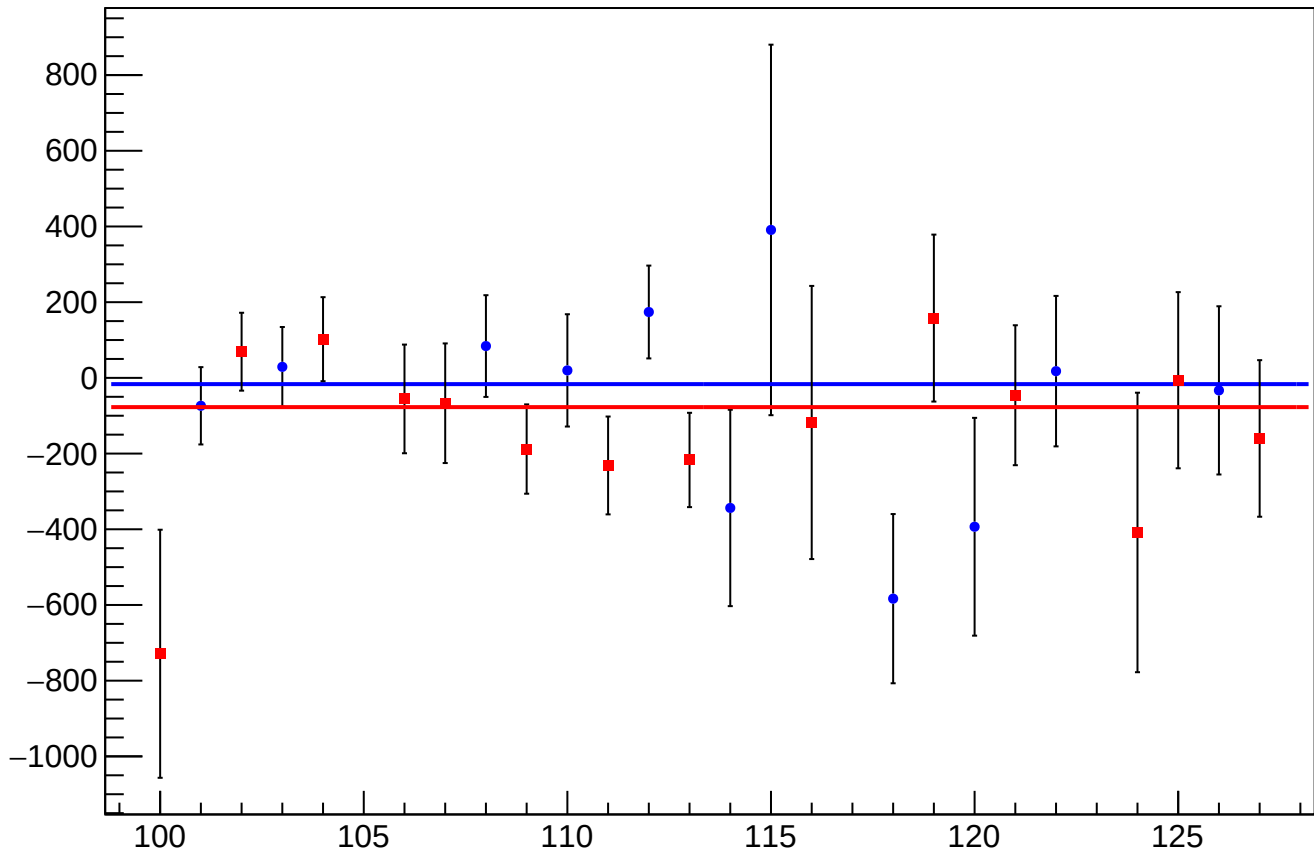
Right Out: 644.663+/-0.210 χ^2/NDF : 1338254.8/13

All: 652.803+/-0.157 χ^2/NDF : 2413324.4/24

- 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_sam5_mean vs Slug



Right In: -16.511+/-47.138 χ^2/NDF : 14.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -77.257+/-41.659 χ^2/NDF : 14.4/13

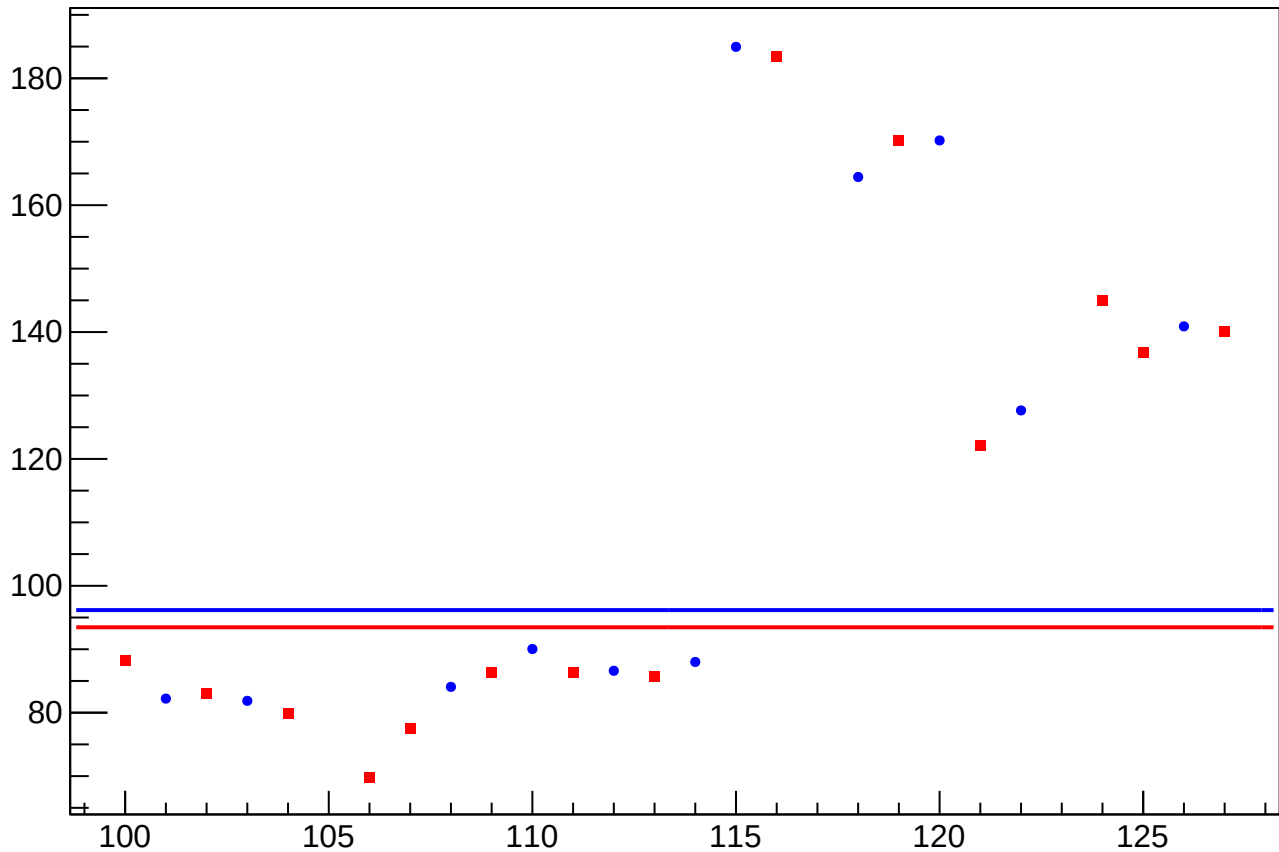
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.618+/-31.216 χ^2/NDF : 29.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam5_rms vs Slug



Right In: 96.169+/-0.033 χ^2/NDF : 623945.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.463+/-0.029 χ^2/NDF : 770832.8/13

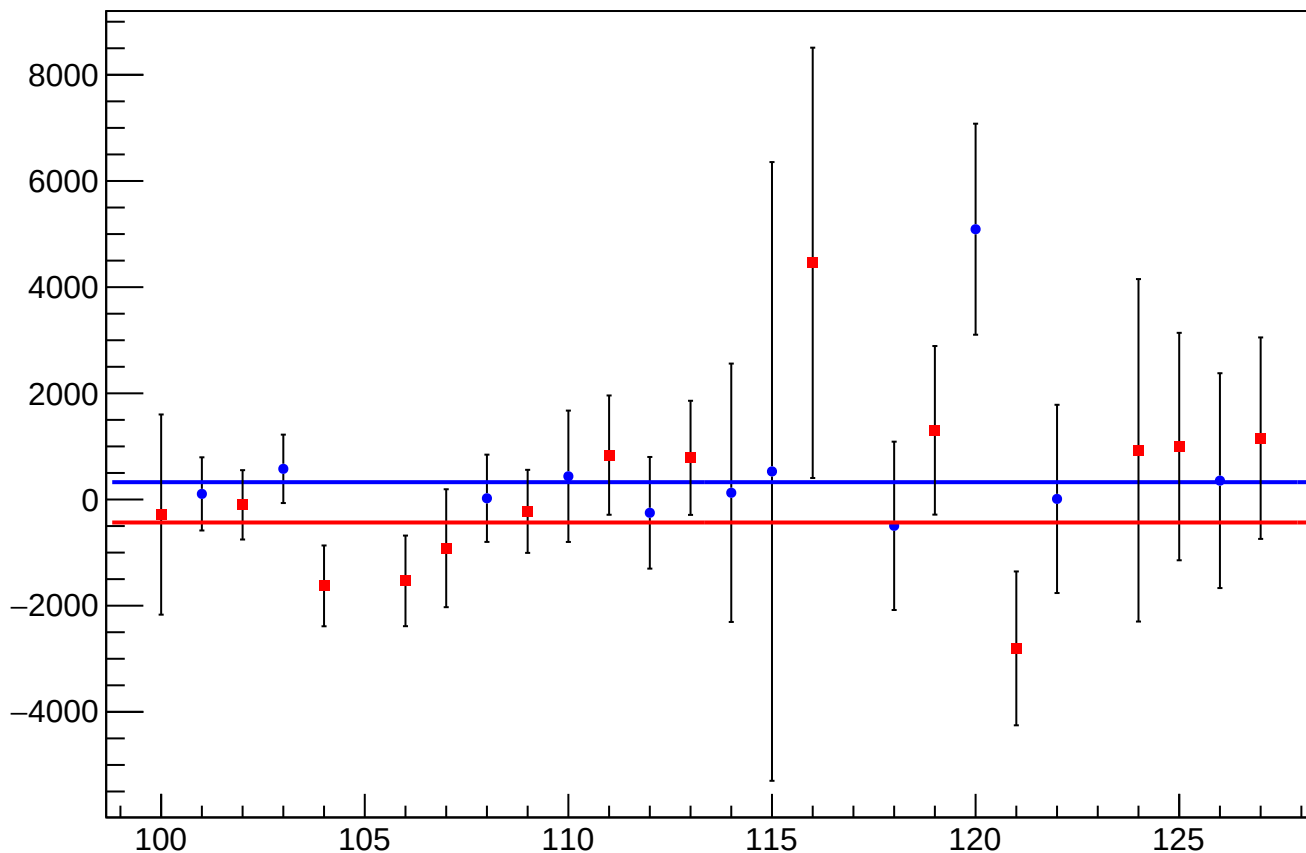
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.650+/-0.022 χ^2/NDF : 1398478.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_cor_correction_mean vs Slug



Right In: 326.528+/-334.017 χ^2/NDF : 6.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -432.917+/-296.786 χ^2/NDF : 13.9/13

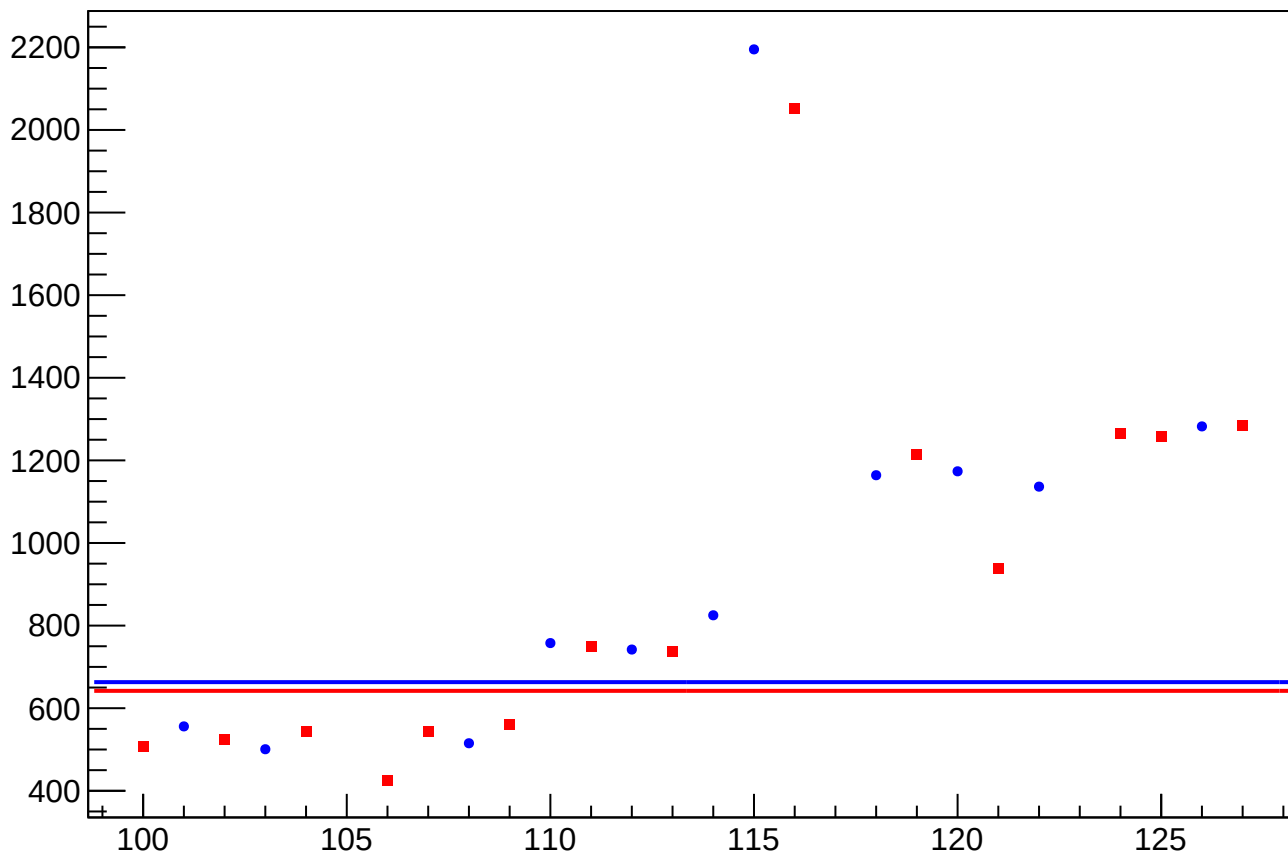
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -97.863+/-221.859 χ^2/NDF : 23.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_cor_correction_rms vs Slug



Right In: 663.129+/-0.236 χ^2/NDF : 1071650.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 642.025+/-0.210 χ^2/NDF : 1364543.1/13

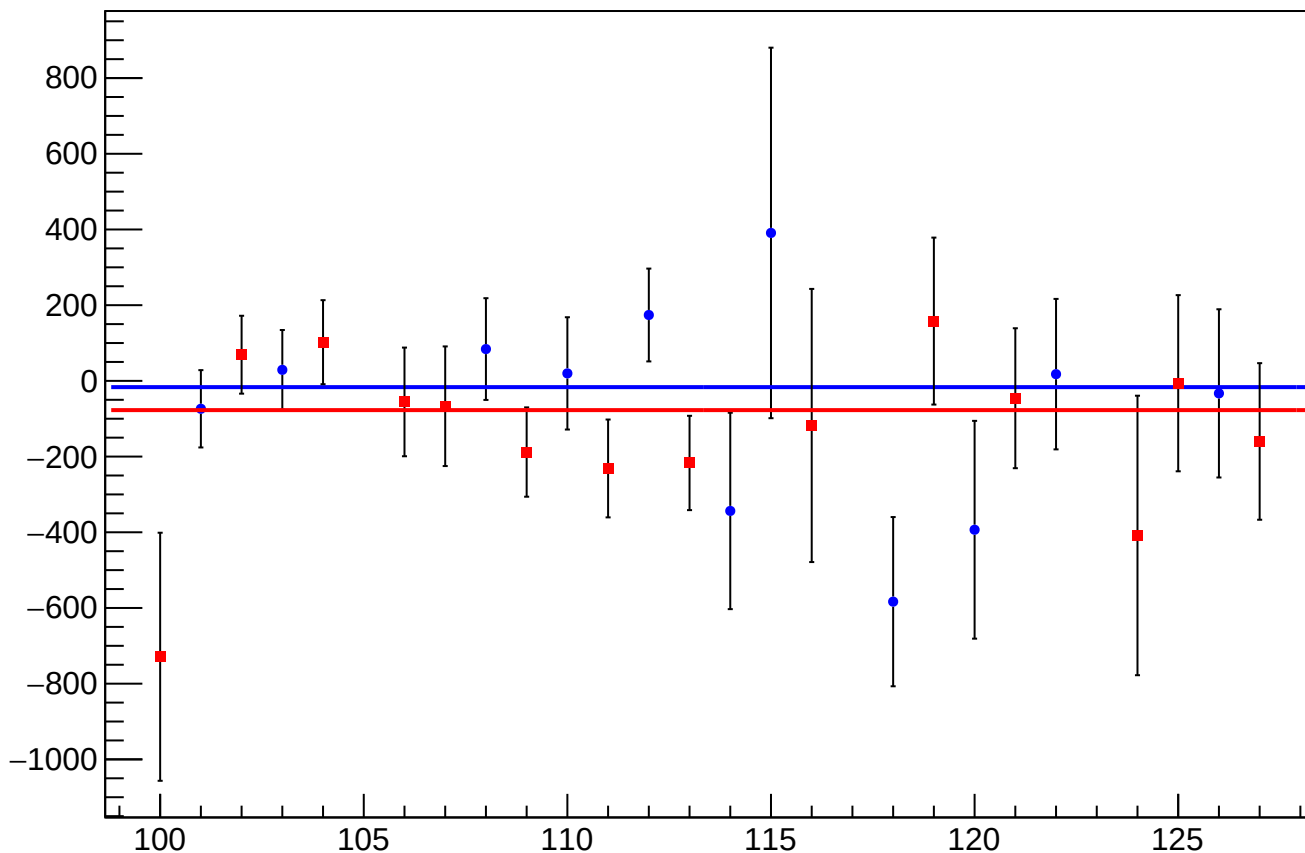
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 651.336+/-0.157 χ^2/NDF : 2440655.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam5_mean vs Slug



Right In: -16.511+/-47.138 χ^2/NDF : 14.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -77.257+/-41.659 χ^2/NDF : 14.4/13

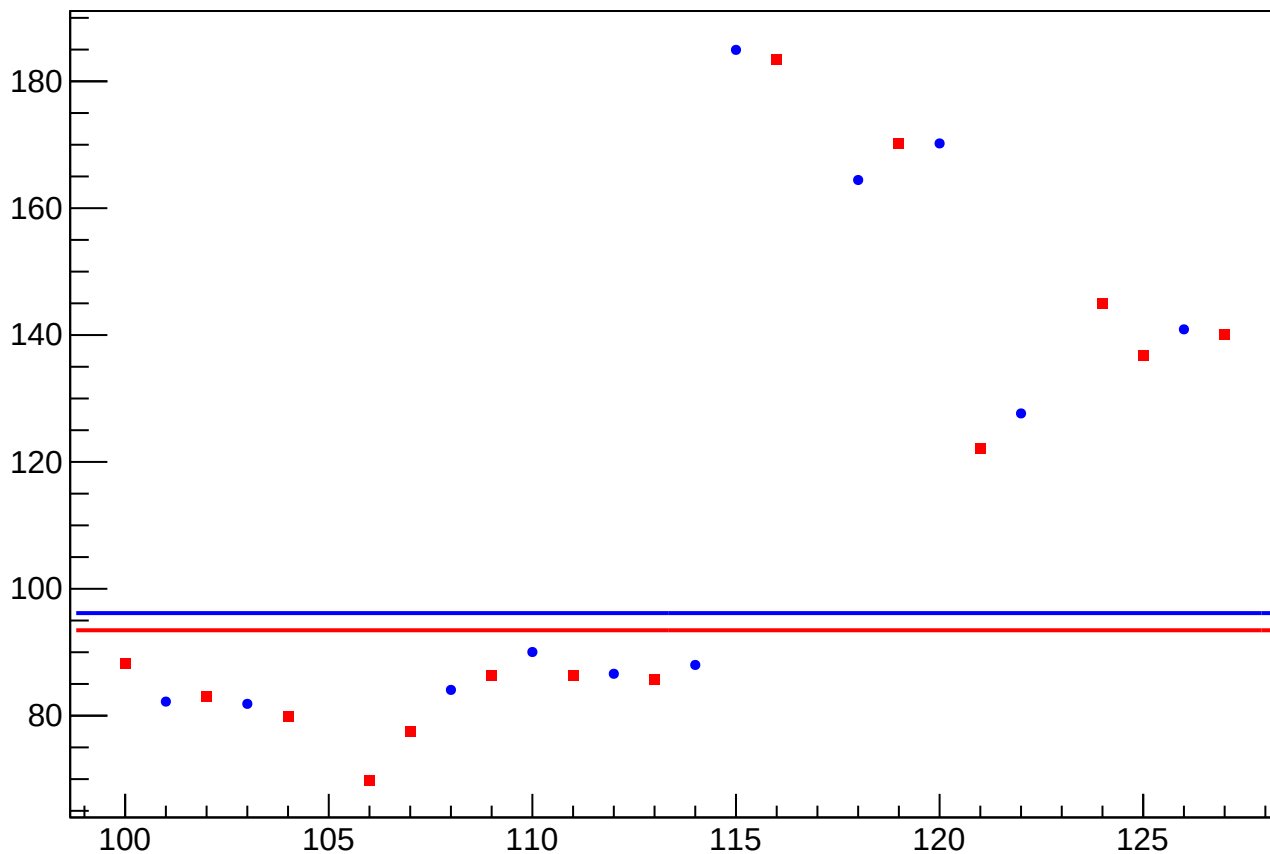
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.618+/-31.216 χ^2/NDF : 29.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam5_rms vs Slug



Right In: 96.169+/-0.033 χ^2/NDF : 623945.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.463+/-0.029 χ^2/NDF : 770832.8/13

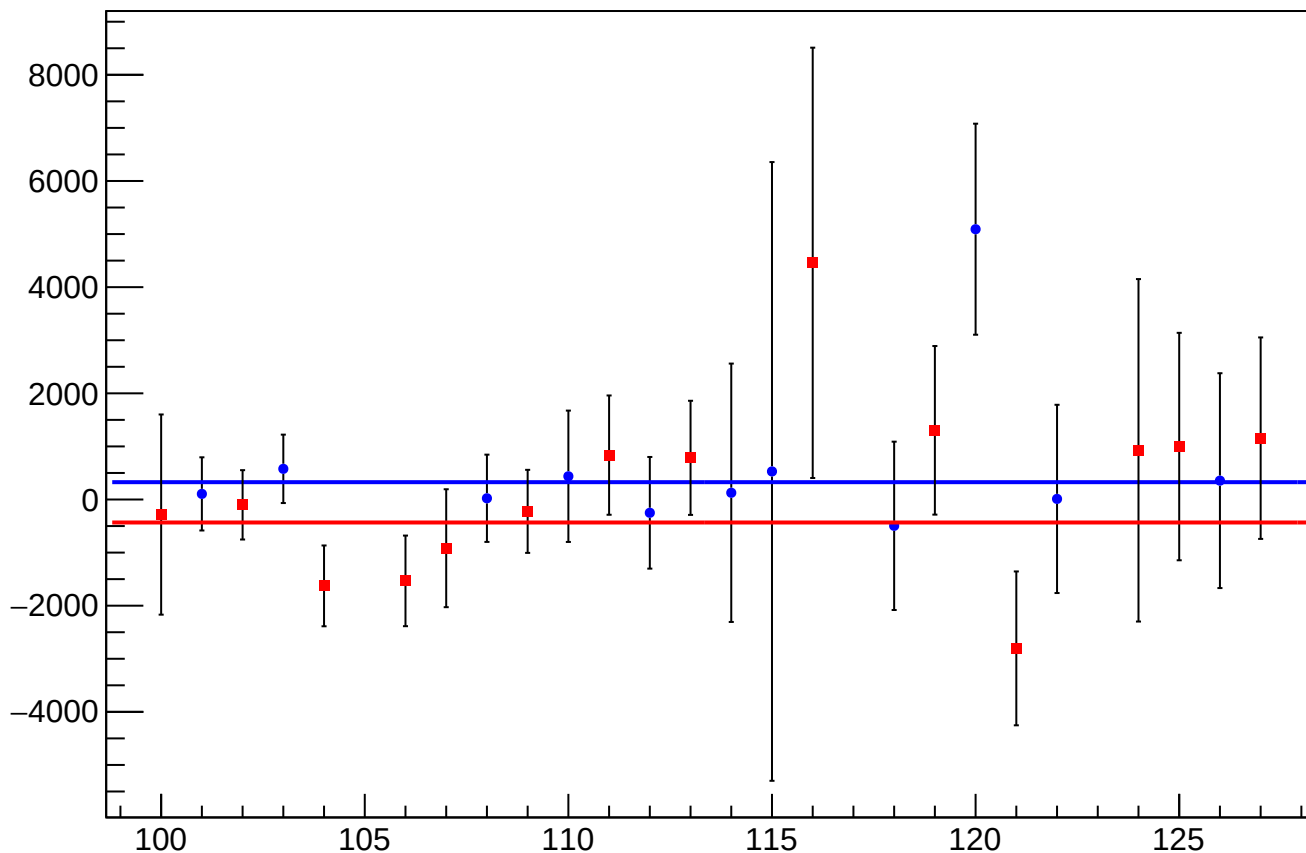
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.650+/-0.022 χ^2/NDF : 1398478.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_eigen_cor_correction_mean vs Slug



Right In: 326.528+/-334.017 χ^2/NDF : 6.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -432.917+/-296.786 χ^2/NDF : 13.9/13

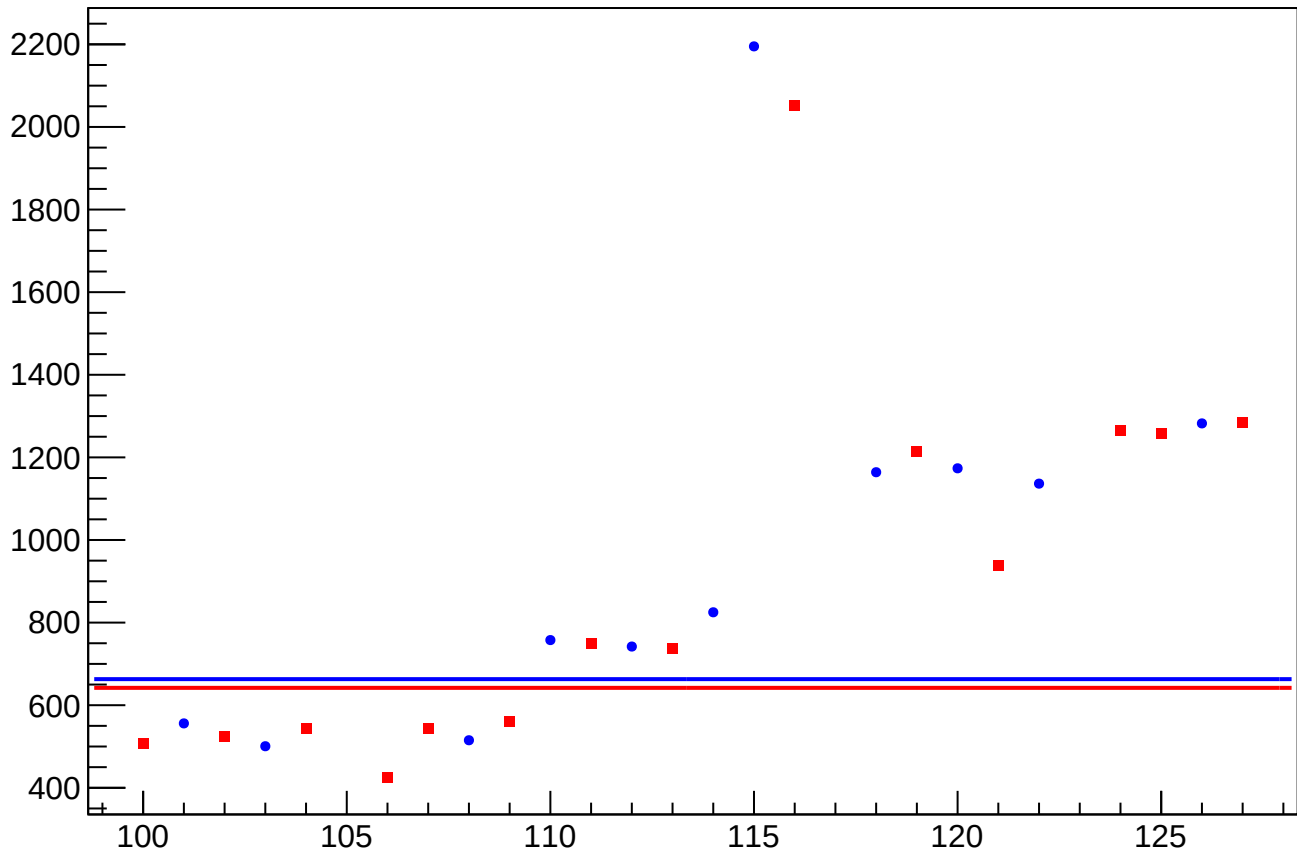
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -97.863+/-221.859 χ^2/NDF : 23.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_eigen_cor_correction_rms vs Slug



Right In: 663.129+/-0.236 χ^2/NDF : 1071650.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

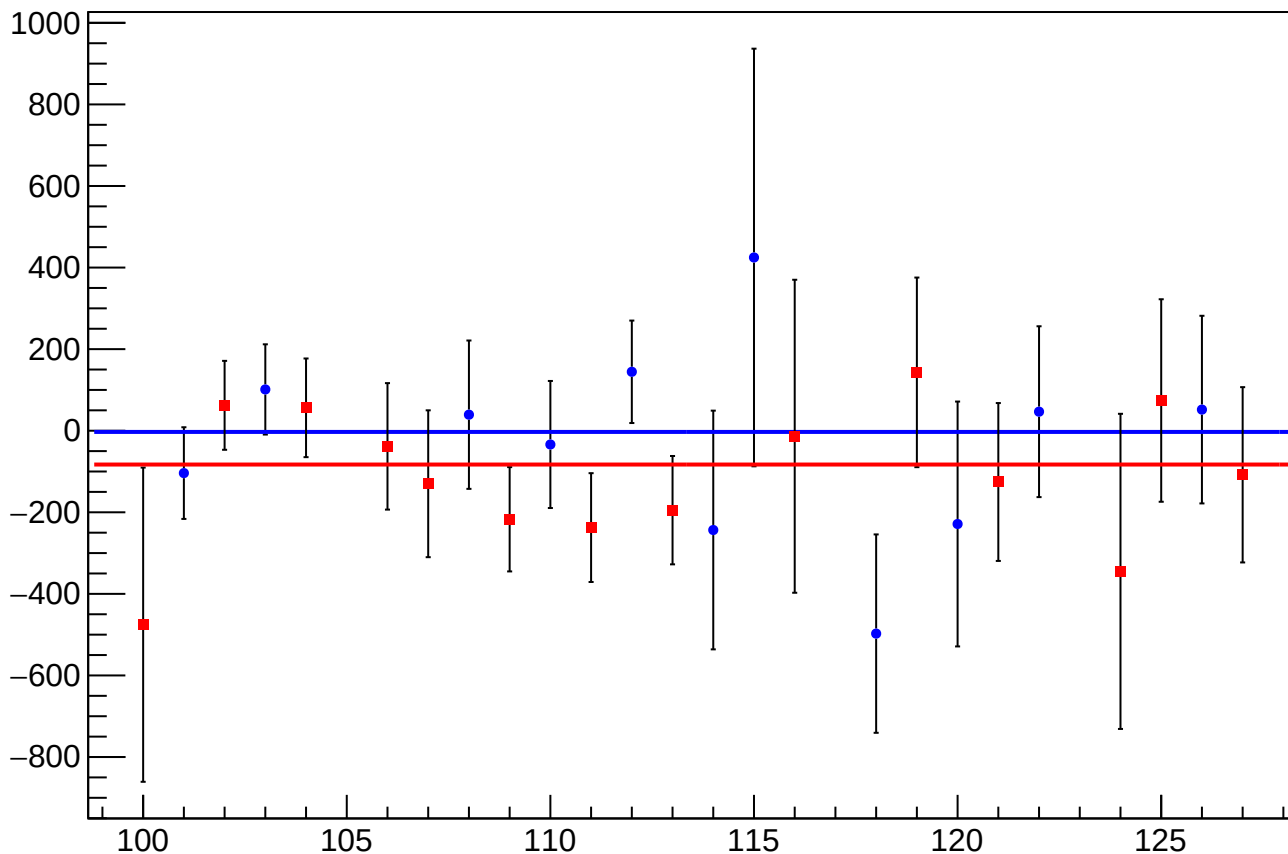
Right Out: 642.025+/-0.210 χ^2/NDF : 1364543.1/13

All: 651.336+/-0.157 χ^2/NDF : 2440655.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam5_mean vs Slug



Right In: -2.963+/-51.234 χ^2/NDF : 9.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -82.916+/-44.619 χ^2/NDF : 9.3/13

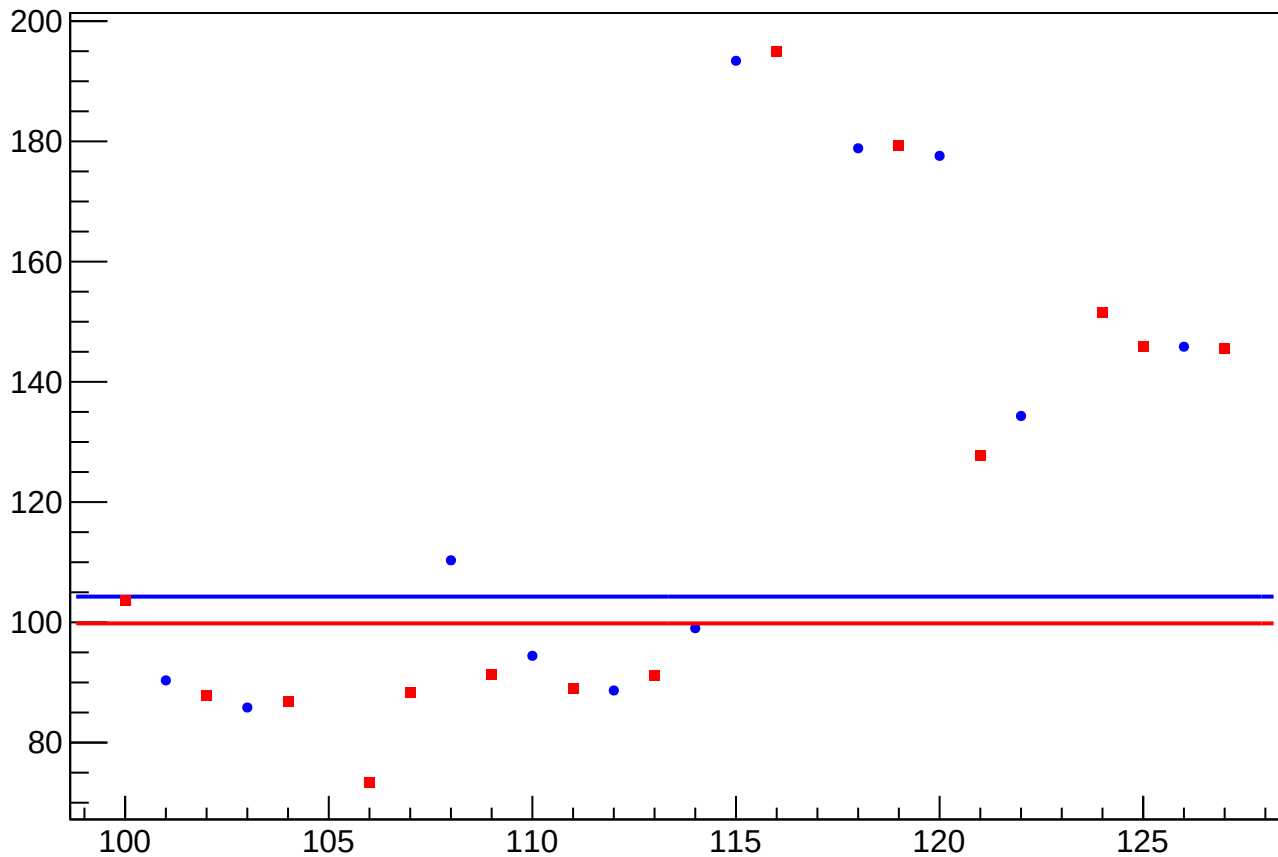
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.431+/-33.648 χ^2/NDF : 20.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam5_rms vs Slug



Right In: 104.280 $\pm$ 0.036 χ^2 /NDF: 602568.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 99.828 $\pm$ 0.032 χ^2 /NDF: 737651.8/13

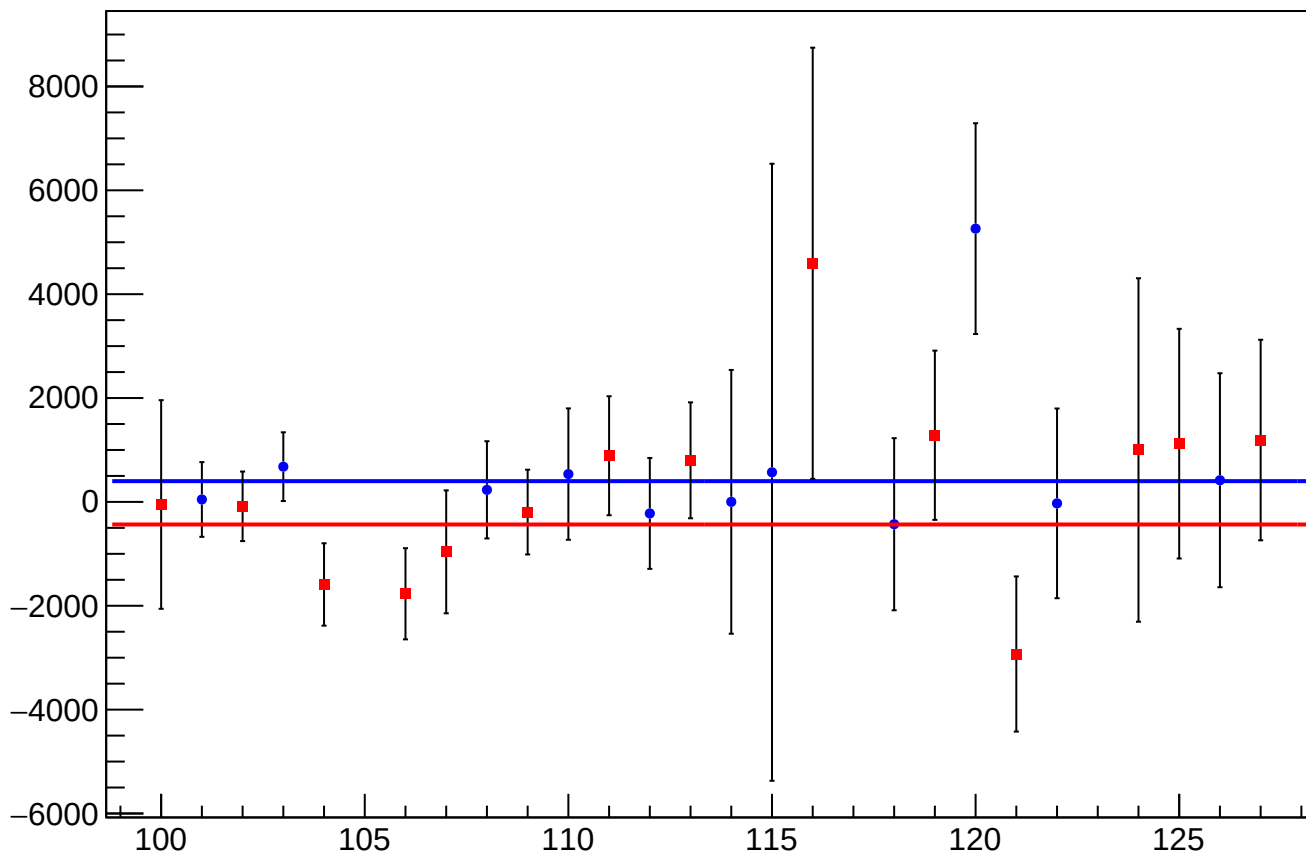
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 101.748 $\pm$ 0.024 χ^2 /NDF: 1348807.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_dit_correction_mean vs Slug



Right In: 399.786+/-349.587 χ^2/NDF : 6.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -434.819+/-307.278 χ^2/NDF : 14.3/13

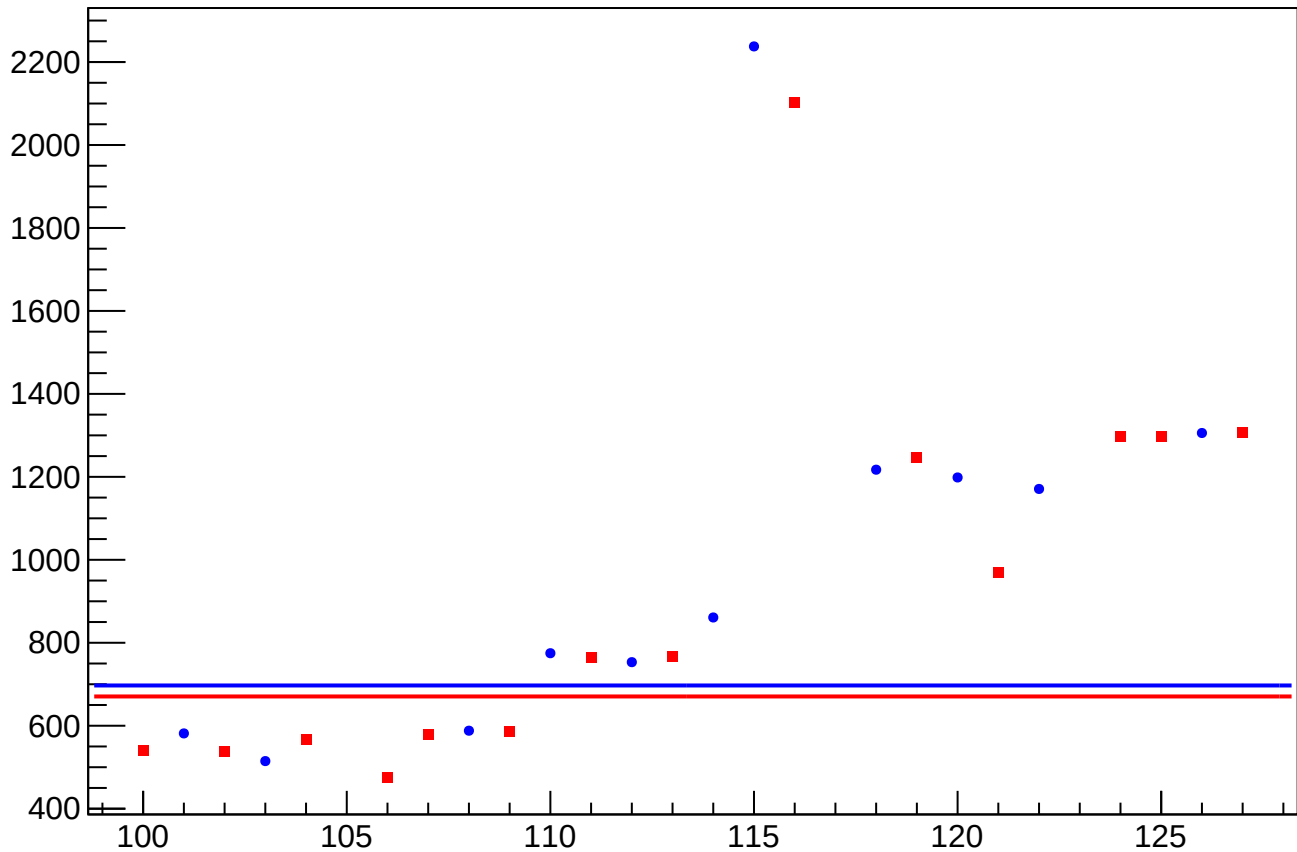
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -71.052+/-230.795 χ^2/NDF : 24.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_dit_correction_rms vs Slug



Right In: 697.052+/-0.247 χ^2/NDF : 1014617.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

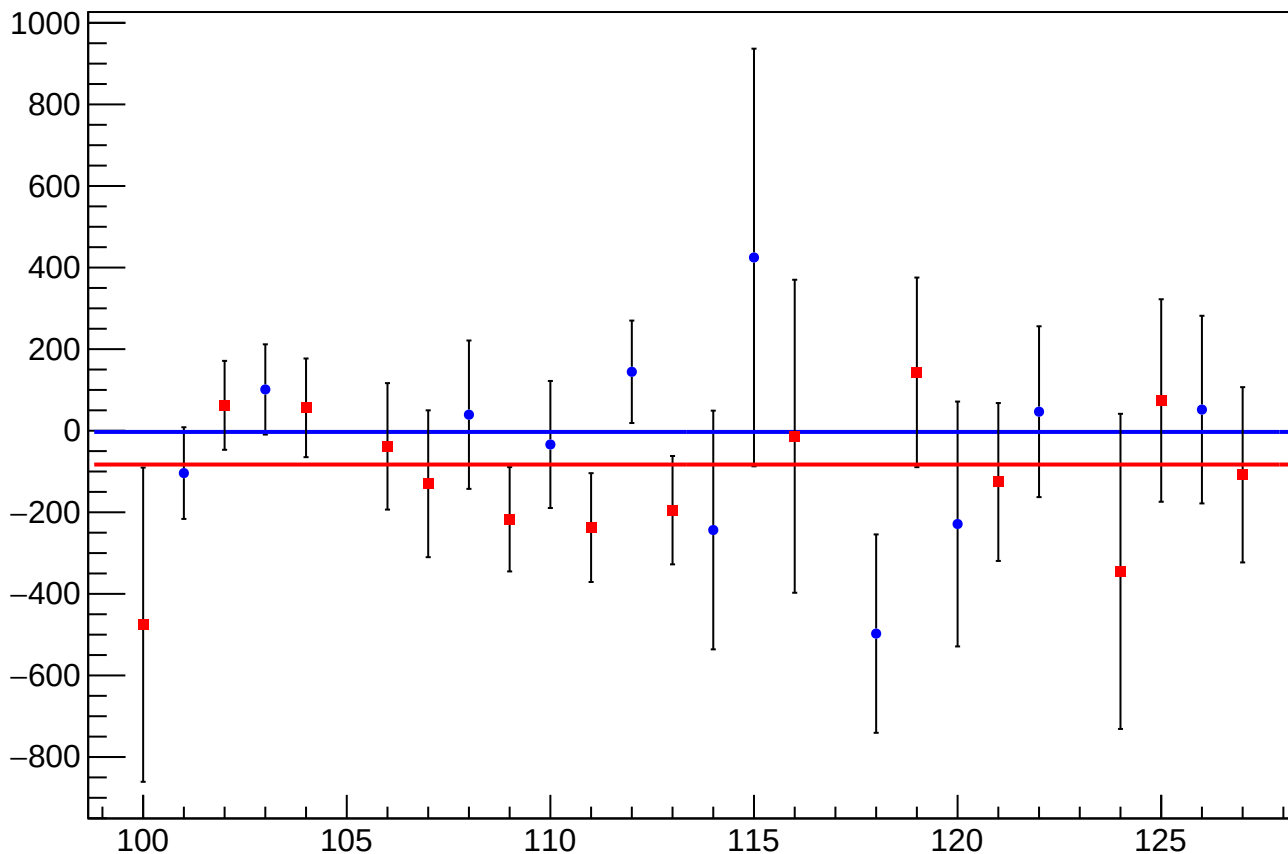
Right Out: 670.565+/-0.217 χ^2/NDF : 1299924.9/13

All: 682.109+/-0.163 χ^2/NDF : 2321019.6/24

- 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_sam5_mean vs Slug



Right In: -2.964+/-51.234 χ^2/NDF : 9.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -82.917+/-44.619 χ^2/NDF : 9.3/13

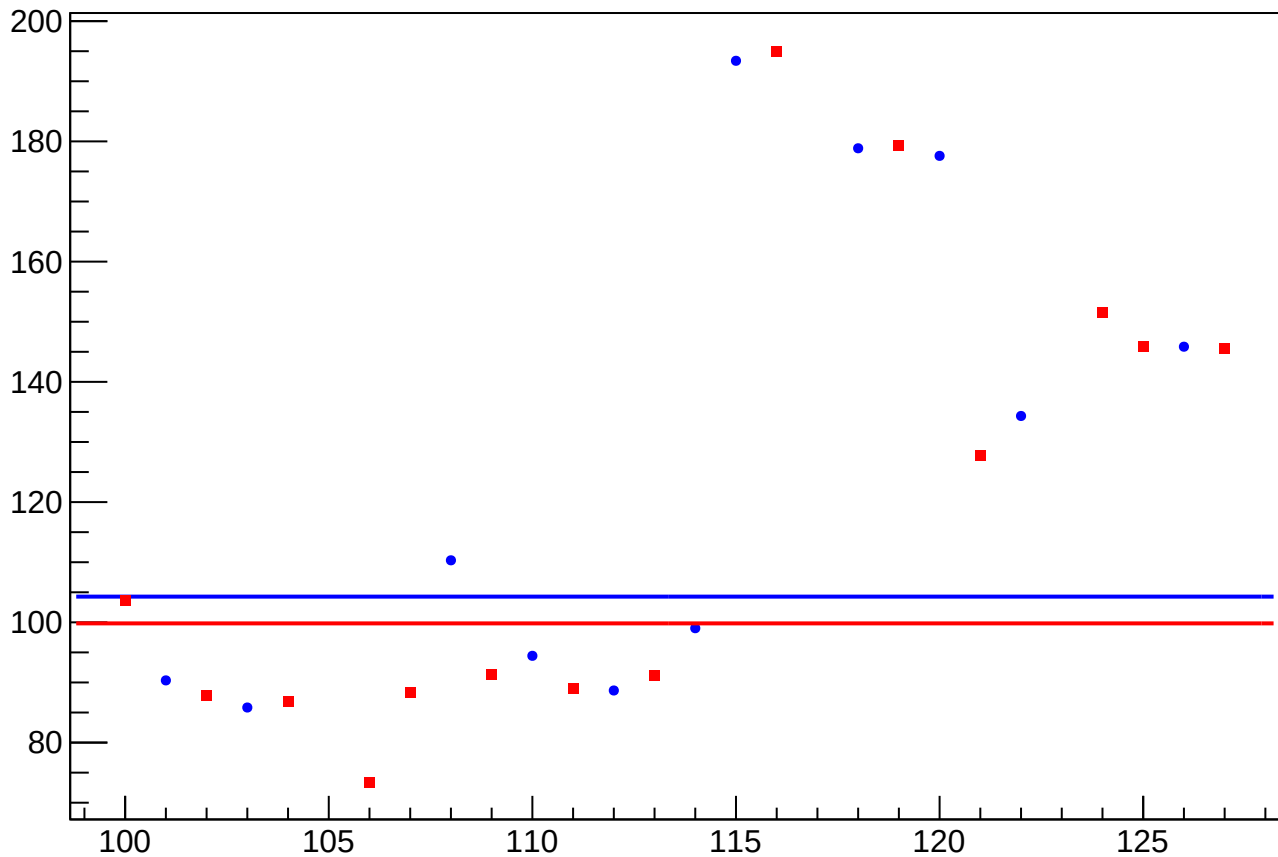
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.432+/-33.648 χ^2/NDF : 20.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam5_rms vs Slug



Right In: 104.279+/-0.036 χ^2/NDF : 602569.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.828+/-0.032 χ^2/NDF : 737647.8/13

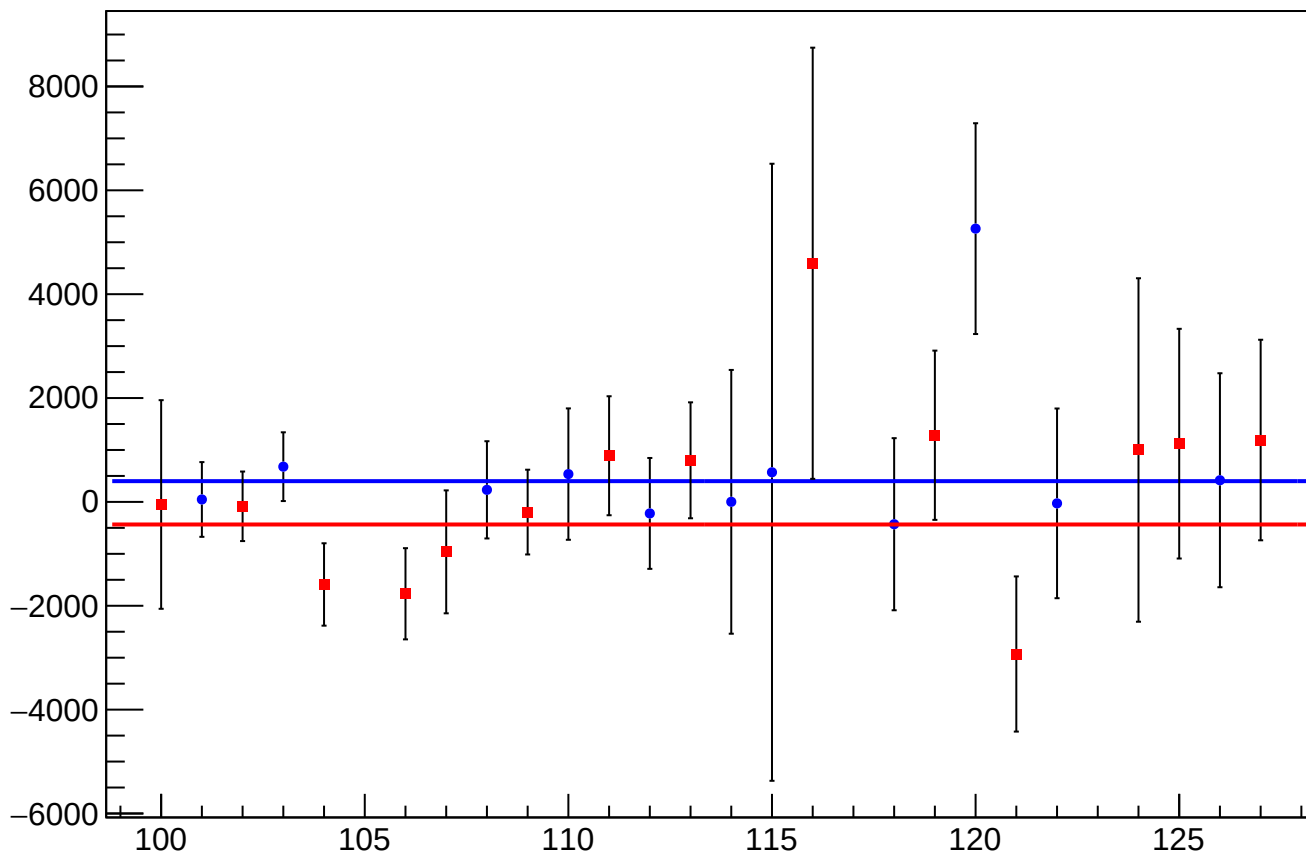
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.748+/-0.024 χ^2/NDF : 1348804.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_eigen_dit_correction_mean vs Slug



Right In: 399.785 $\pm$ 349.587 χ^2 /NDF: 6.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -434.819 $\pm$ 307.277 χ^2 /NDF: 14.3/13

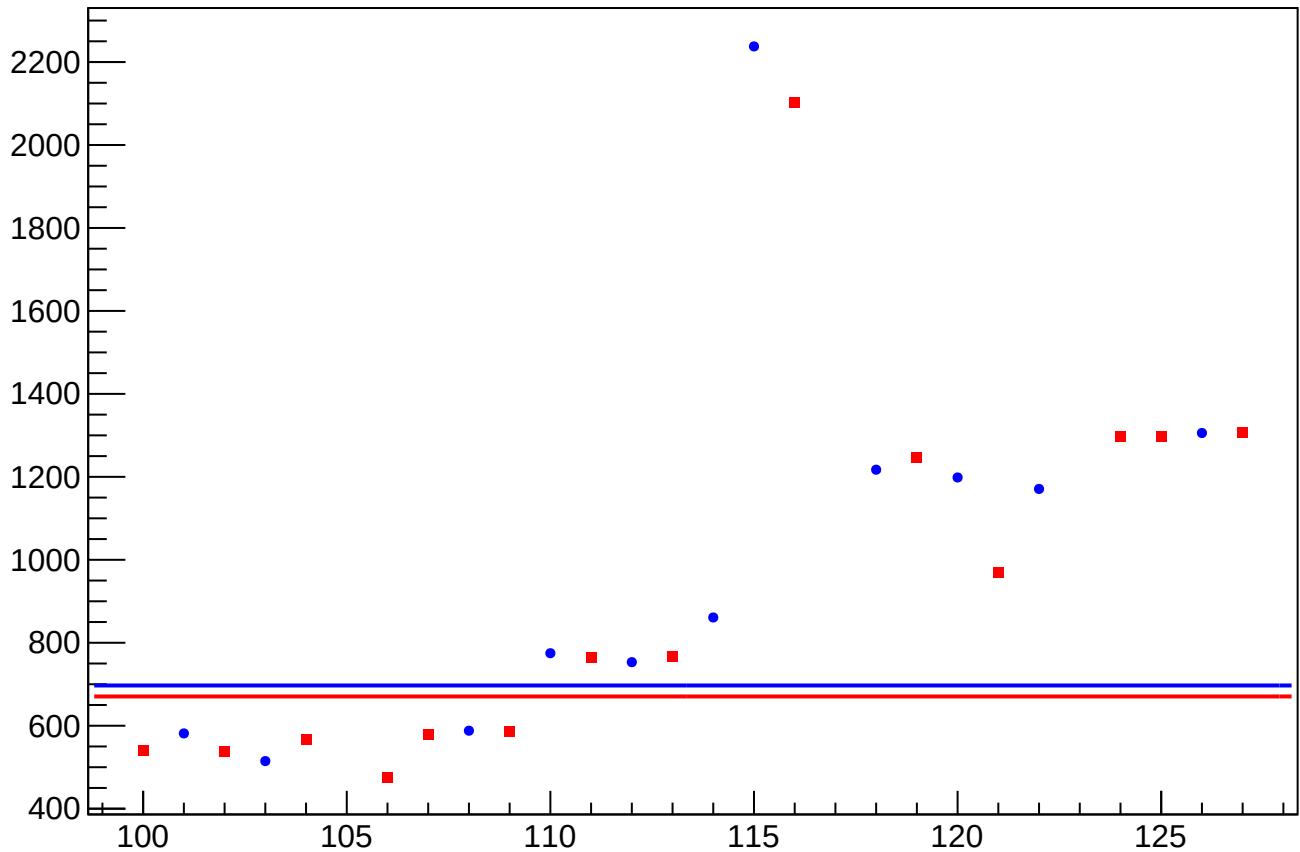
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -71.053 $\pm$ 230.795 χ^2 /NDF: 24.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_eigen_dit_correction_rms vs Slug



Right In: 697.051+/-0.247 χ^2/NDF : 1014617.4/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

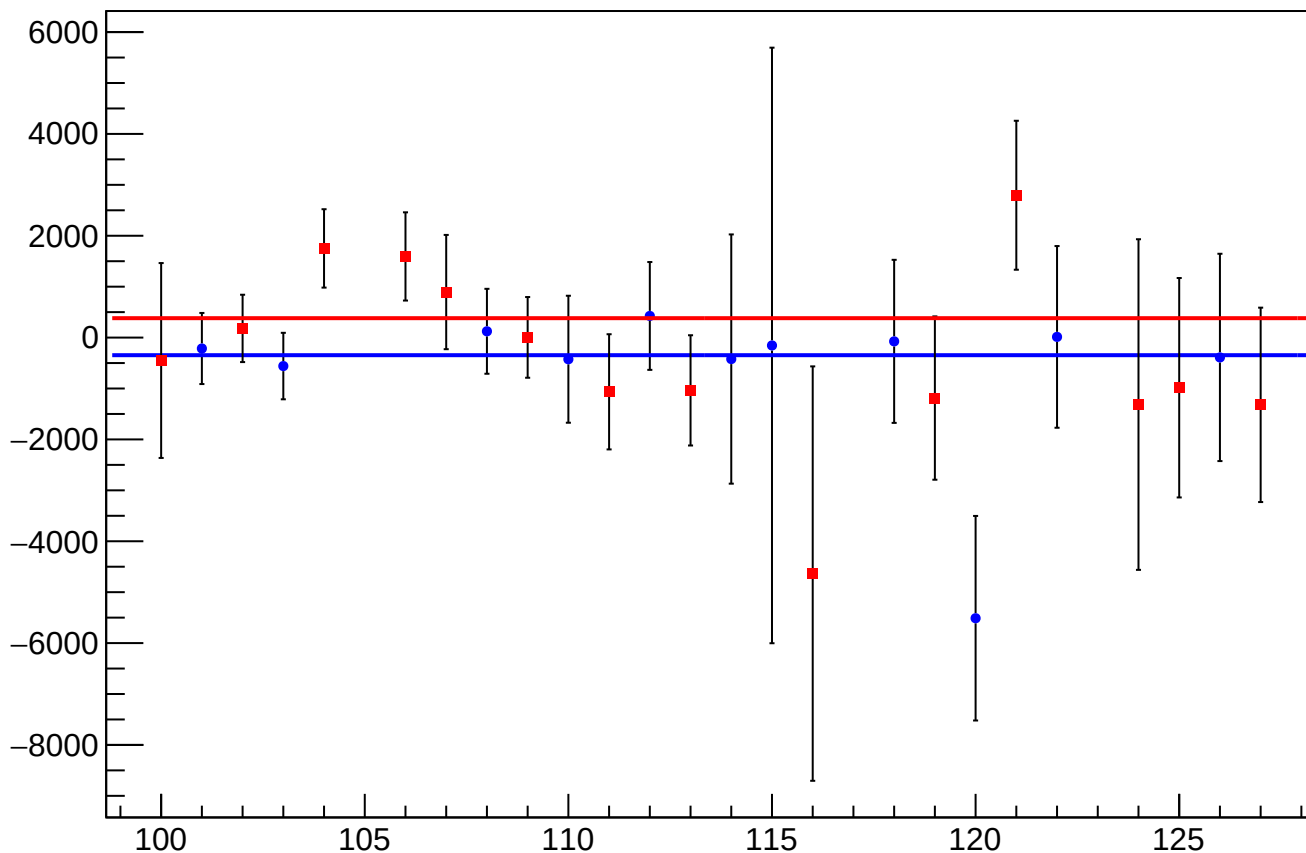
Right Out: 670.564+/-0.217 χ^2/NDF : 1299921.3/13

All: 682.109+/-0.163 χ^2/NDF : 2321015.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

asym_sam5_mean vs Slug



Right In: -345.670+/-337.885 χ^2/NDF : 7.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 381.258+/-300.130 χ^2/NDF : 15.9/13

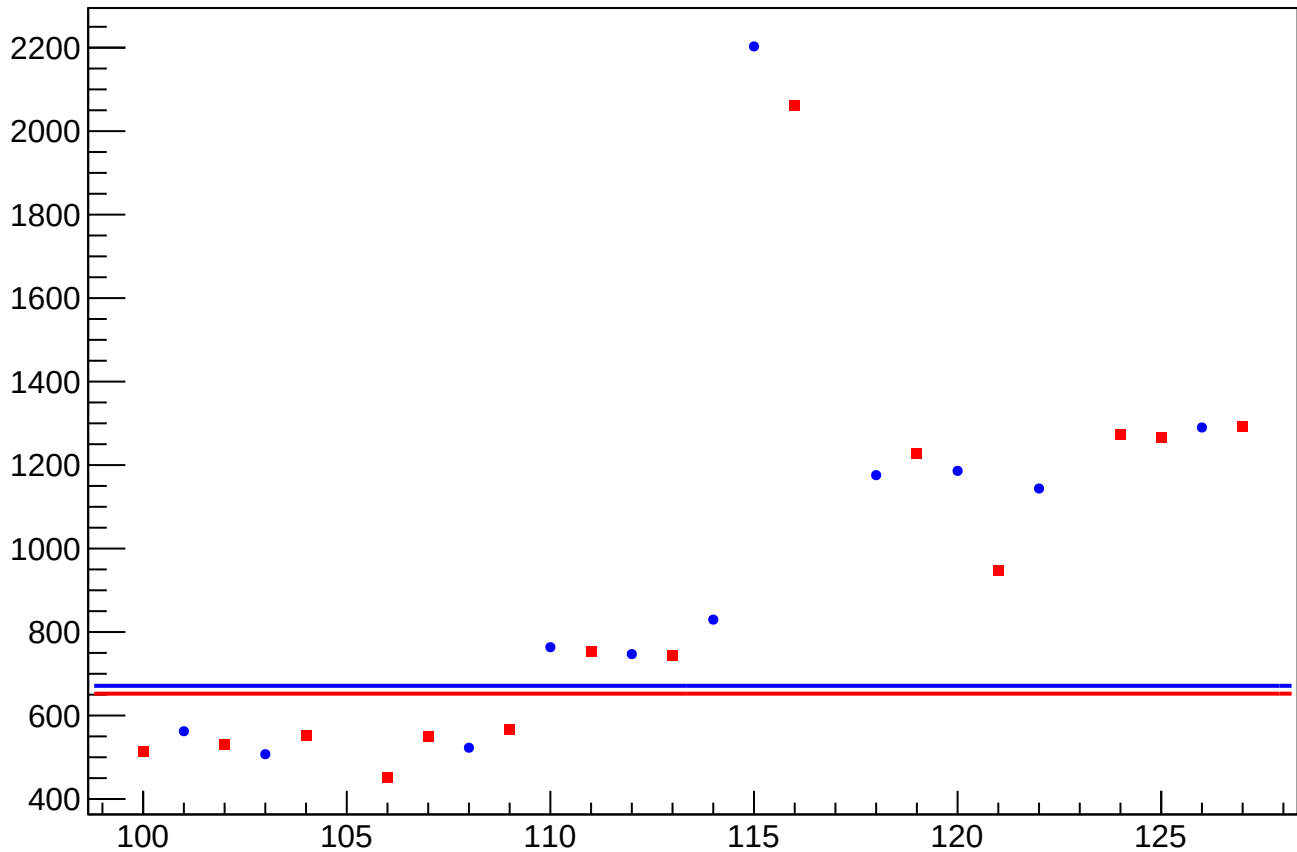
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.660+/-224.390 χ^2/NDF : 26.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_rms vs Slug



Right In: 671.179+/-0.239 χ^2/NDF : 1059963.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

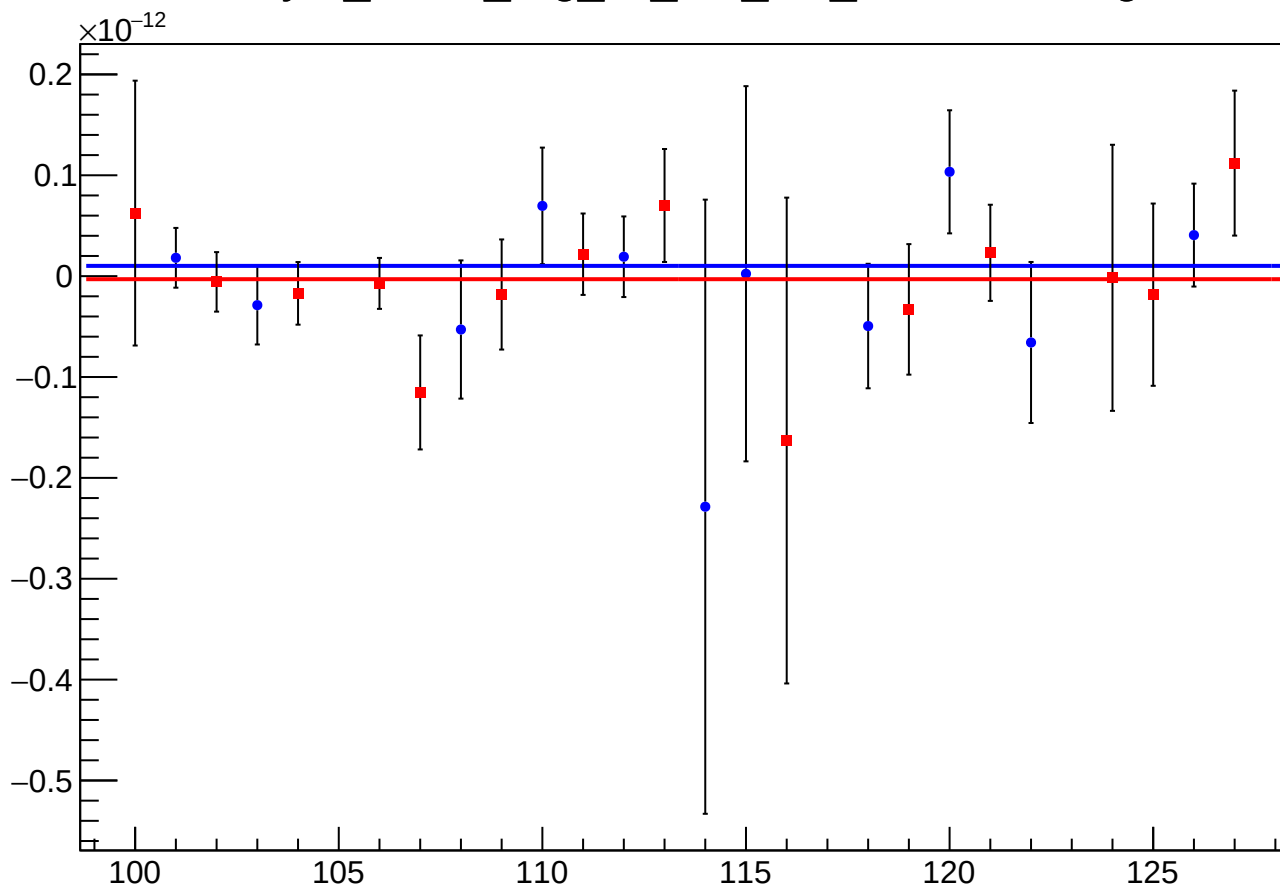
Right Out: 652.341+/-0.212 χ^2/NDF : 1327673.5/13

All: 660.650+/-0.159 χ^2/NDF : 2391111.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 8.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 10.1/13

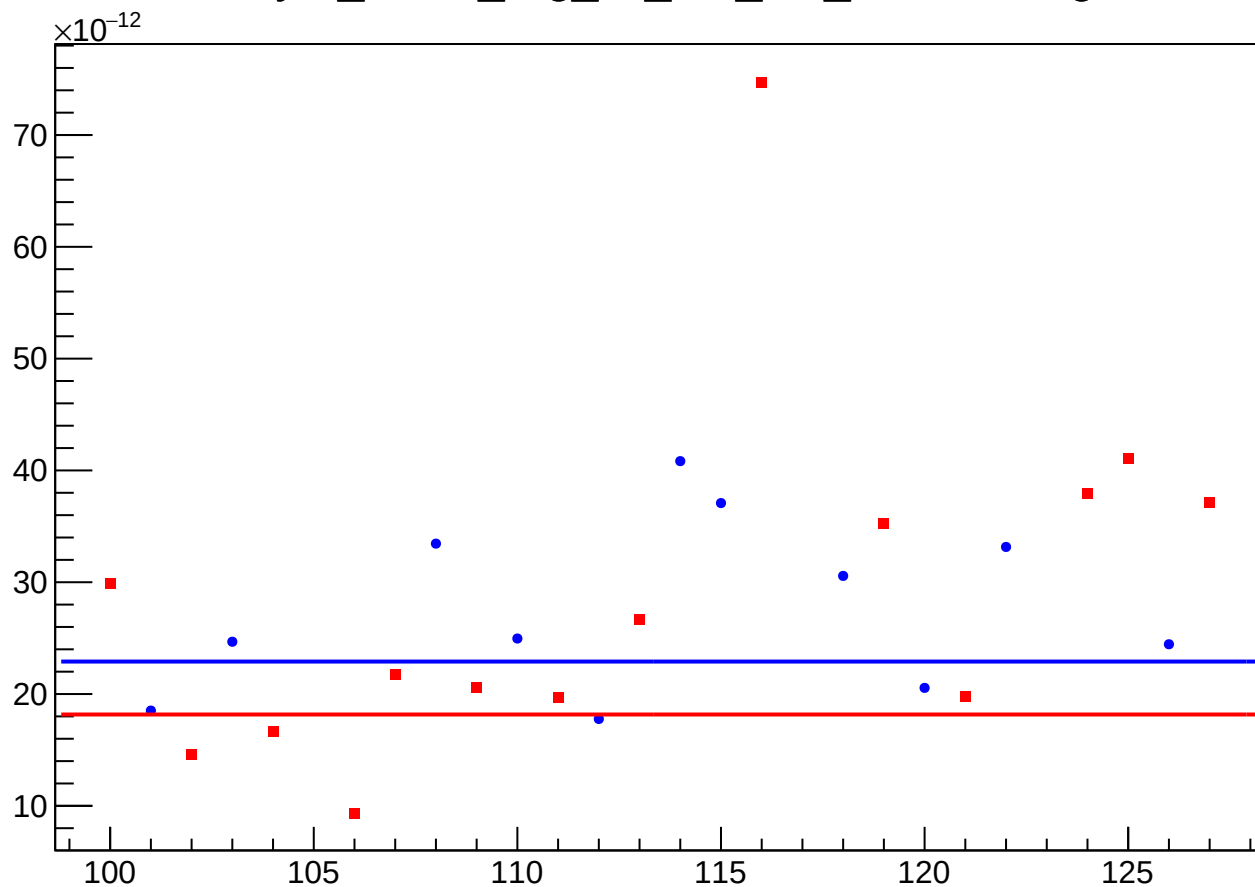
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 18.8/24

- sign 0.000 ± 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 : 218107.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 922594.9/13

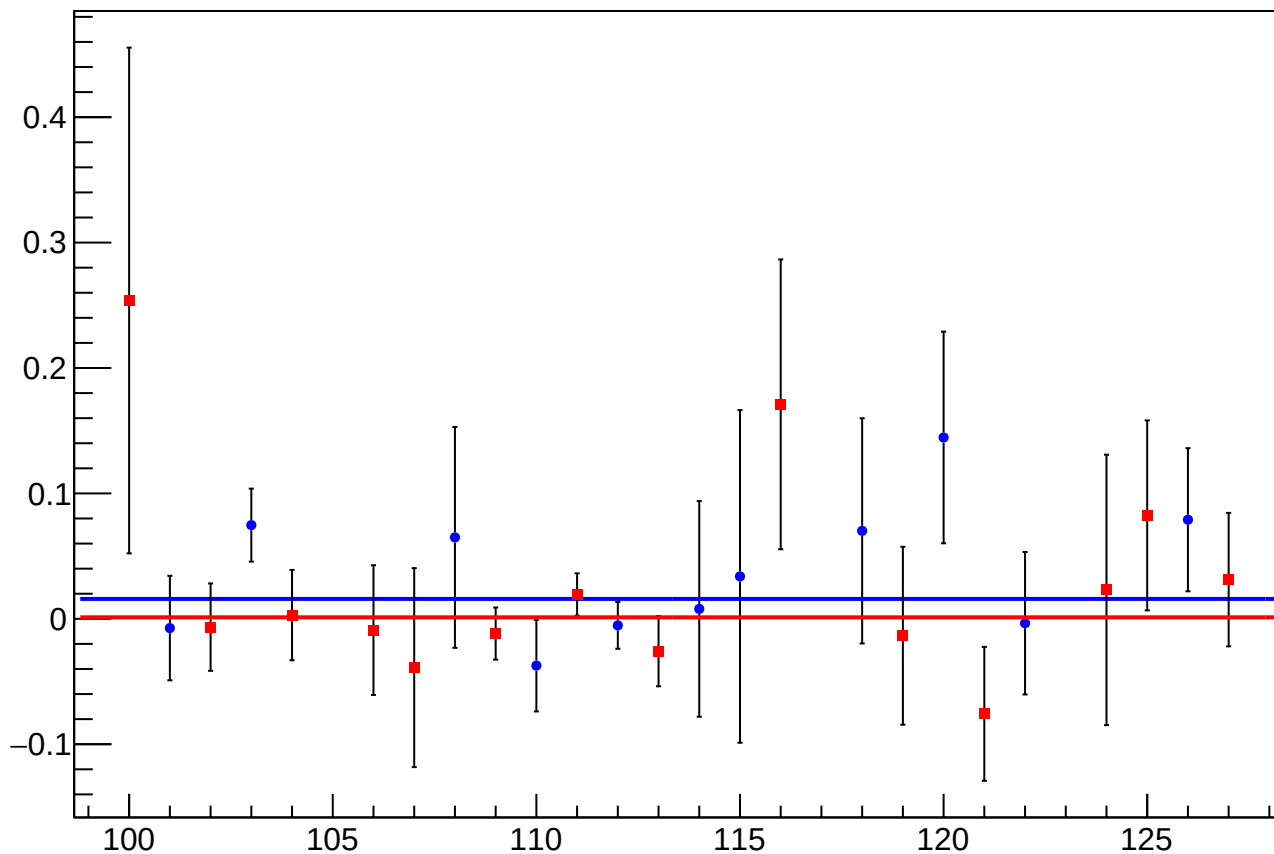
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1252354.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_dit_vs_cor_diff_mean vs Slug



Right In: 0.016 $\pm$ 0.012 χ^2 /NDF: 12.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.001 $\pm$ 0.010 χ^2 /NDF: 10.2/13

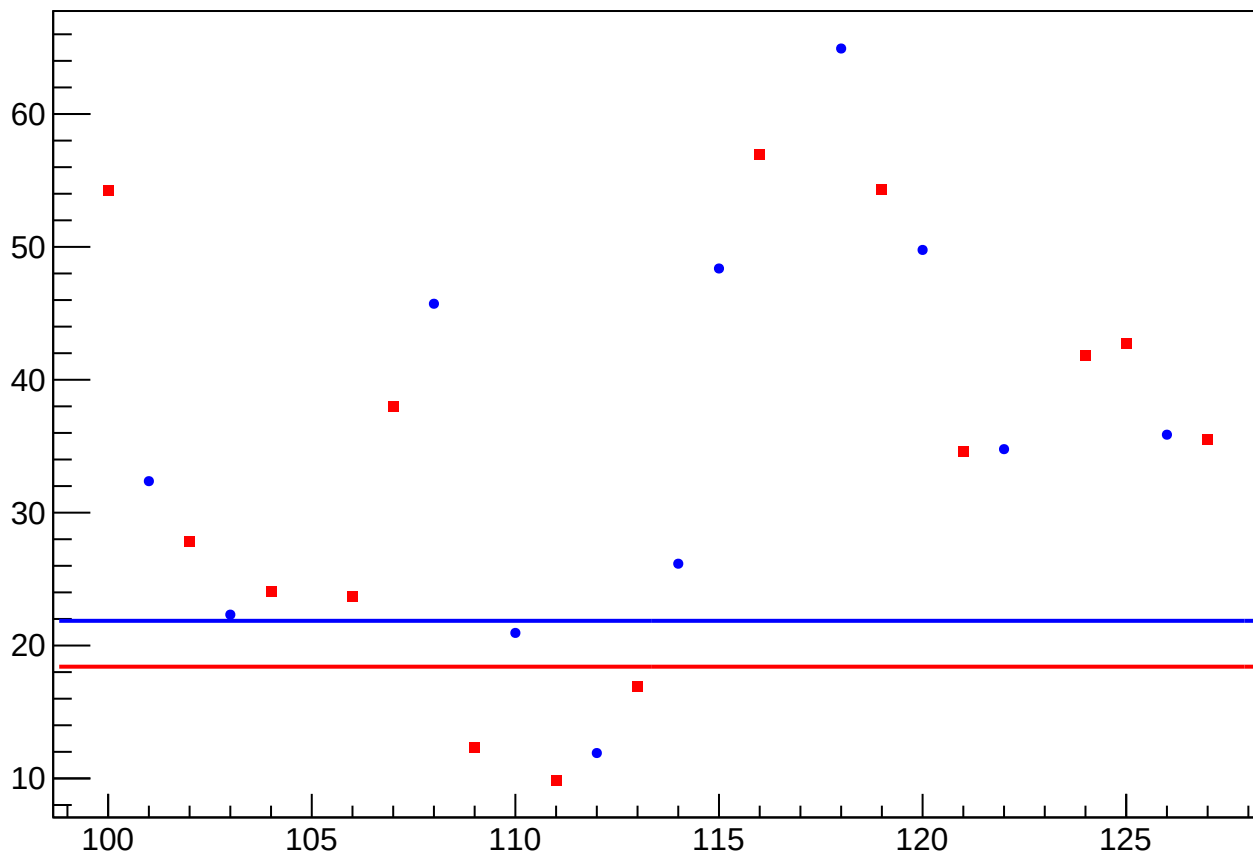
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.008 χ^2 /NDF: 23.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_dit_vs_cor_diff_rms vs Slug



Right In: 21.860 $\pm$ 0.009 χ^2 /NDF: 1833950.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 18.409 $\pm$ 0.007 χ^2 /NDF: 2520462.9/13

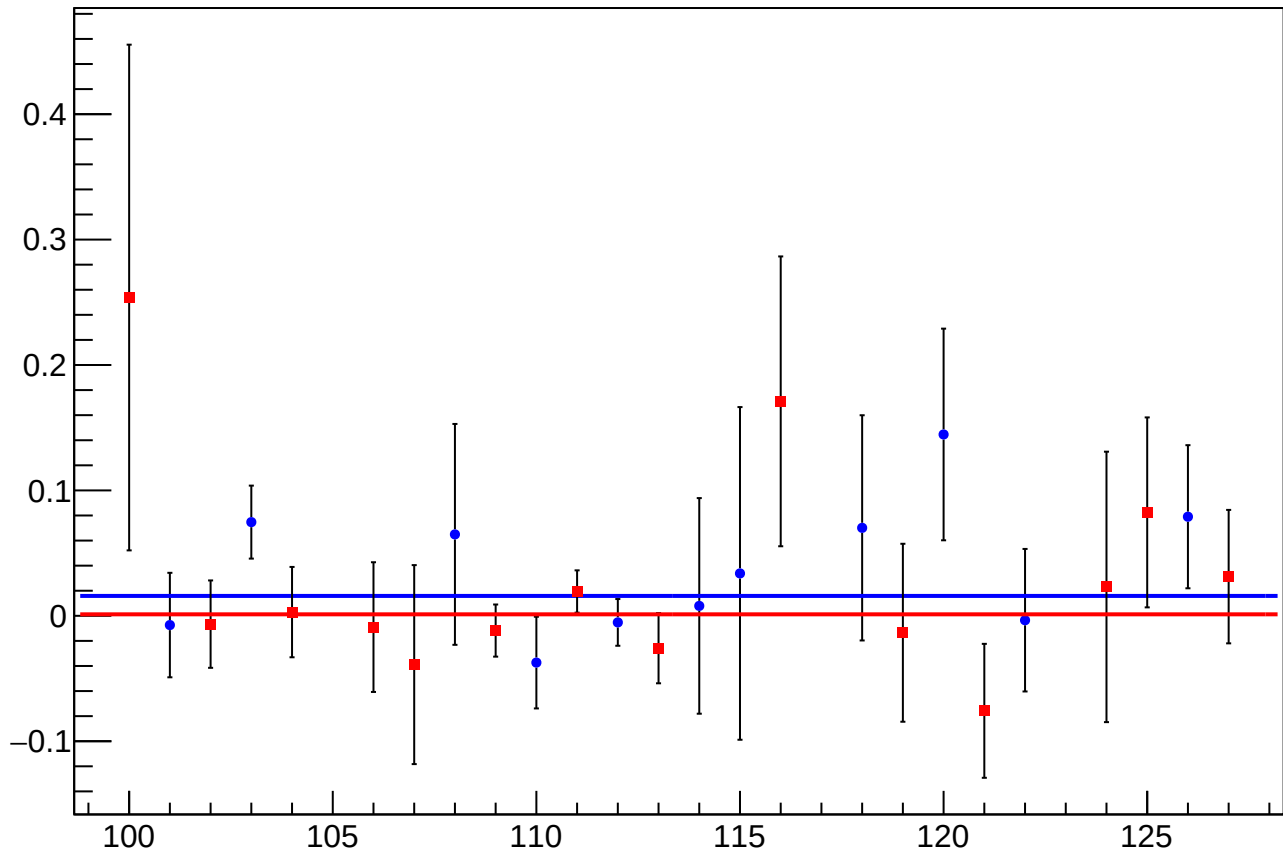
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.740 $\pm$ 0.005 χ^2 /NDF: 4450834.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.016 $\pm$ 0.012 χ^2 /NDF: 12.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.001 $\pm$ 0.010 χ^2 /NDF: 10.2/13

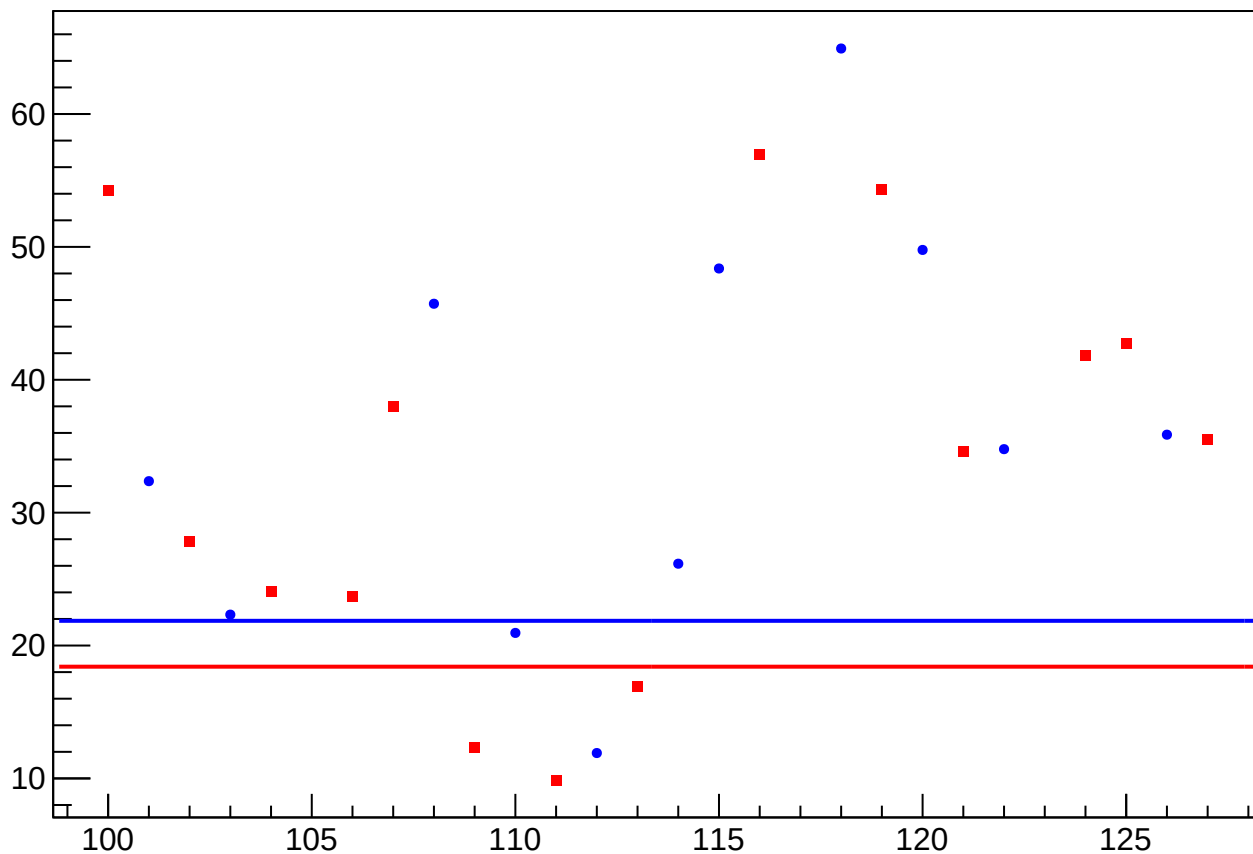
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.008 χ^2 /NDF: 23.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 21.860 $\pm$ 0.009 χ^2 /NDF: 1833950.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 18.409 $\pm$ 0.007 χ^2 /NDF: 2520462.9/13

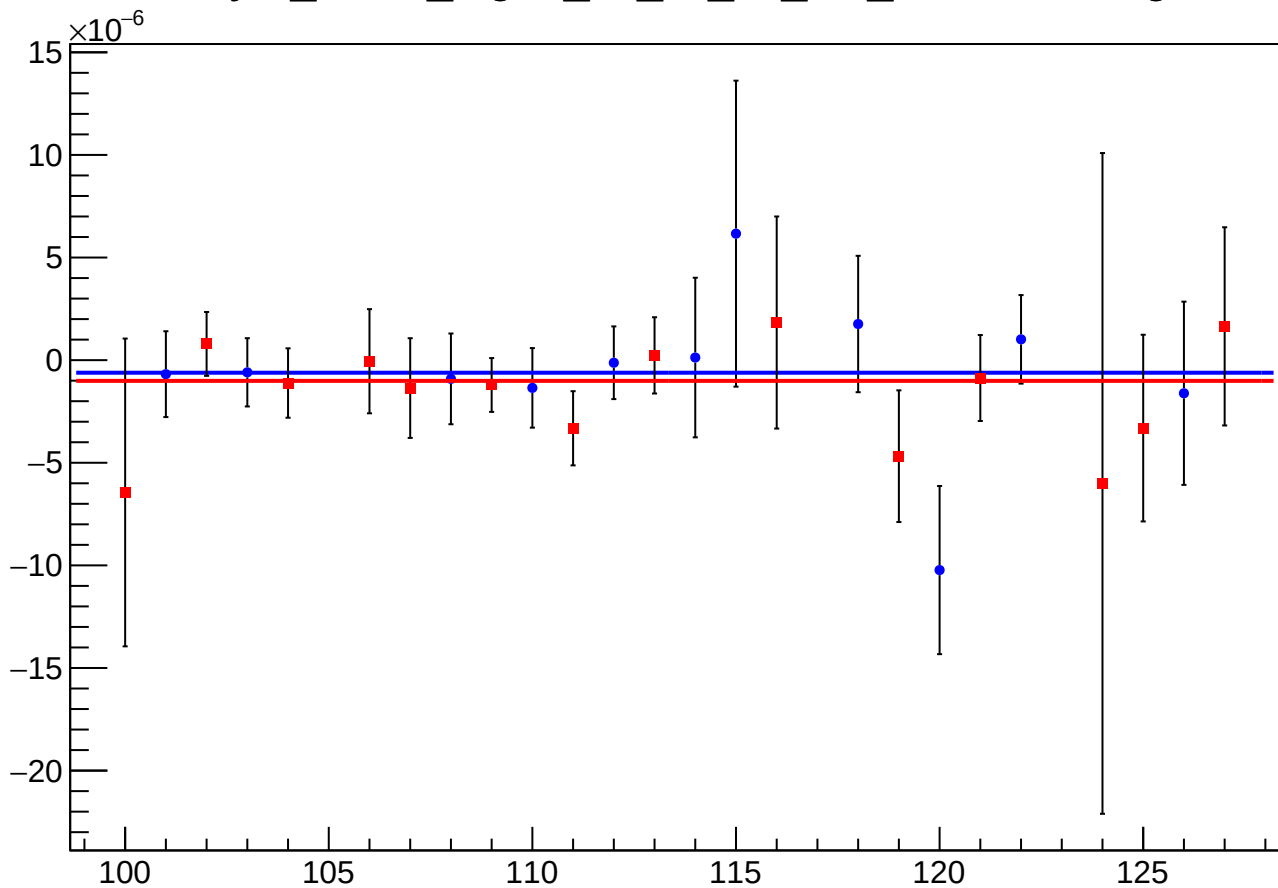
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.740 $\pm$ 0.005 χ^2 /NDF: 4450834.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 7.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.4/13

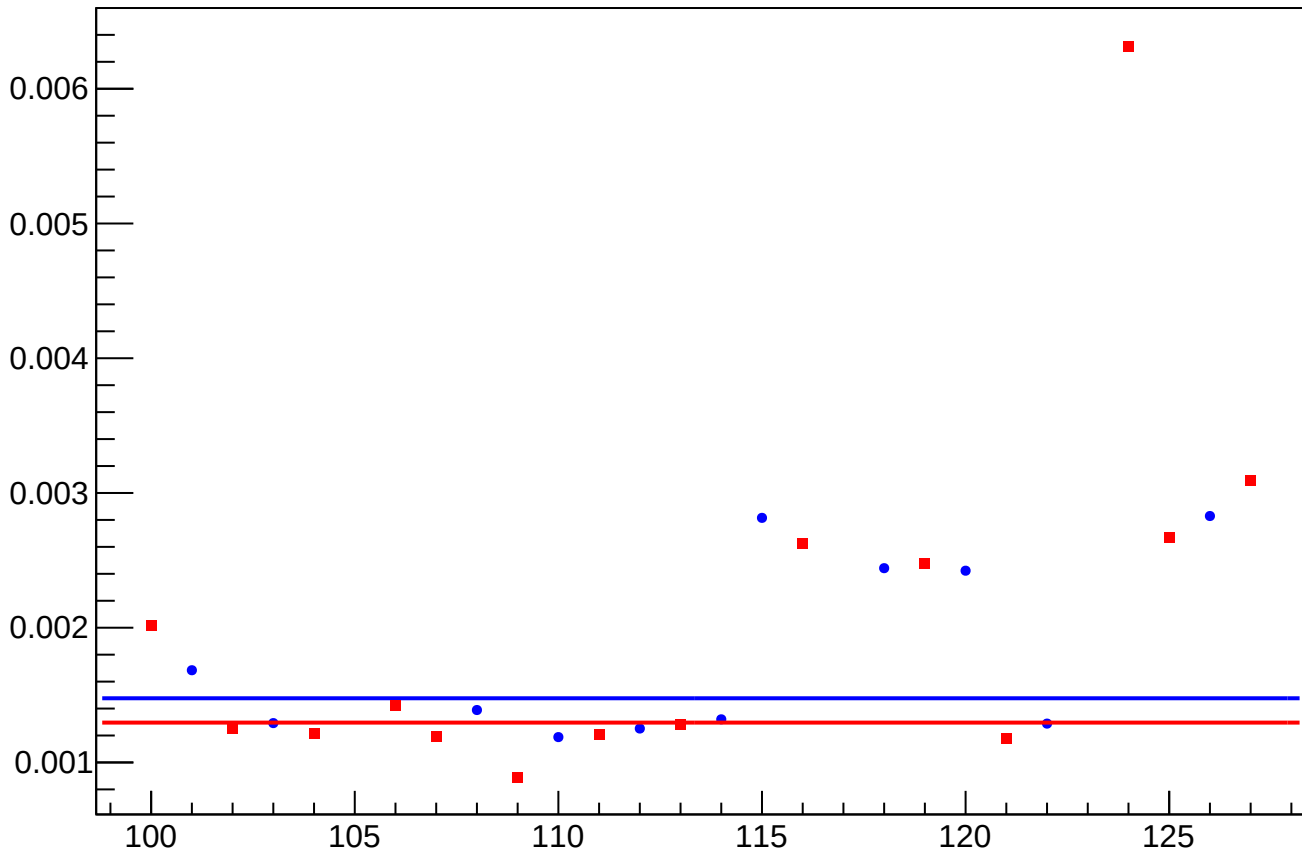
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 14.3/24

- sign 0.000 $\pm$ 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 : 666107.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1297025.3/13

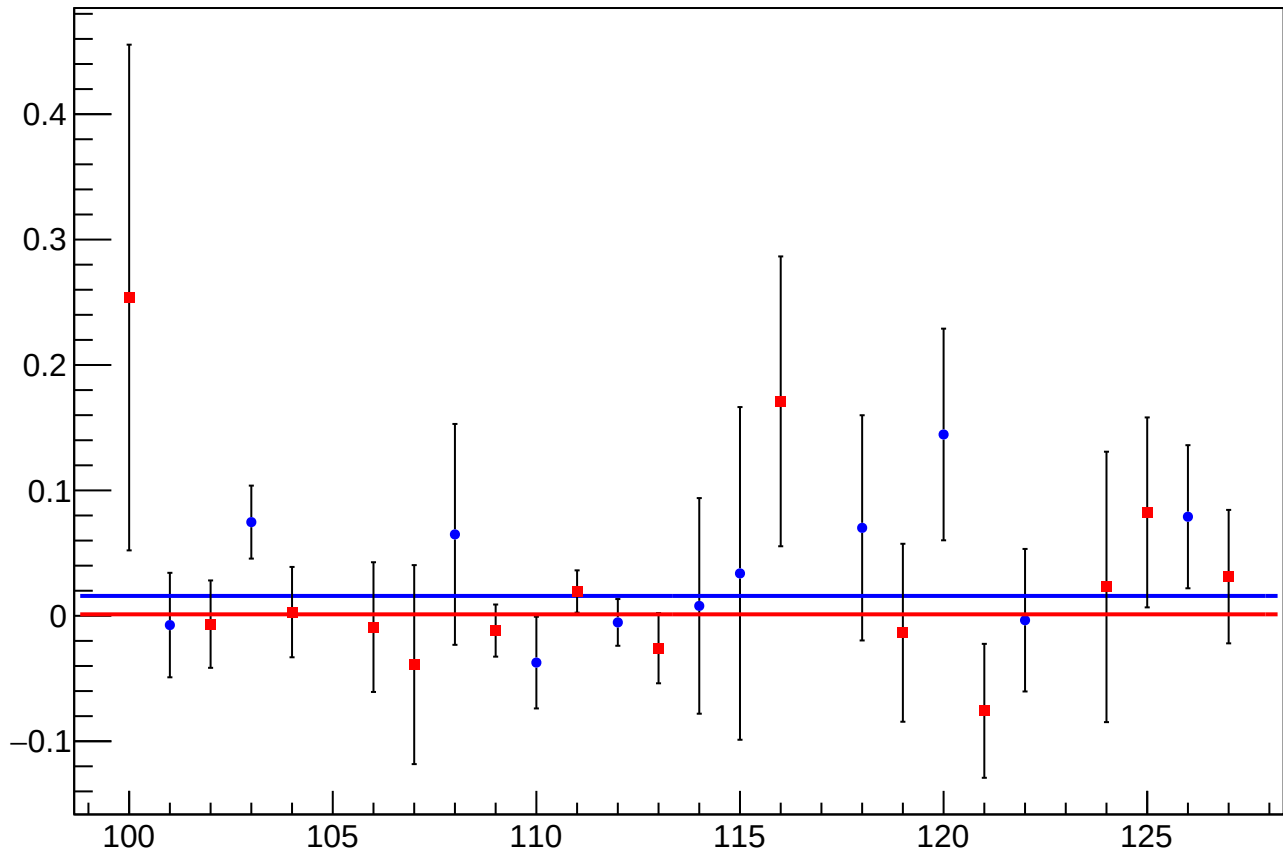
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2035833.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.016+/-0.012 χ^2/NDF : 12.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.010 χ^2/NDF : 10.2/13

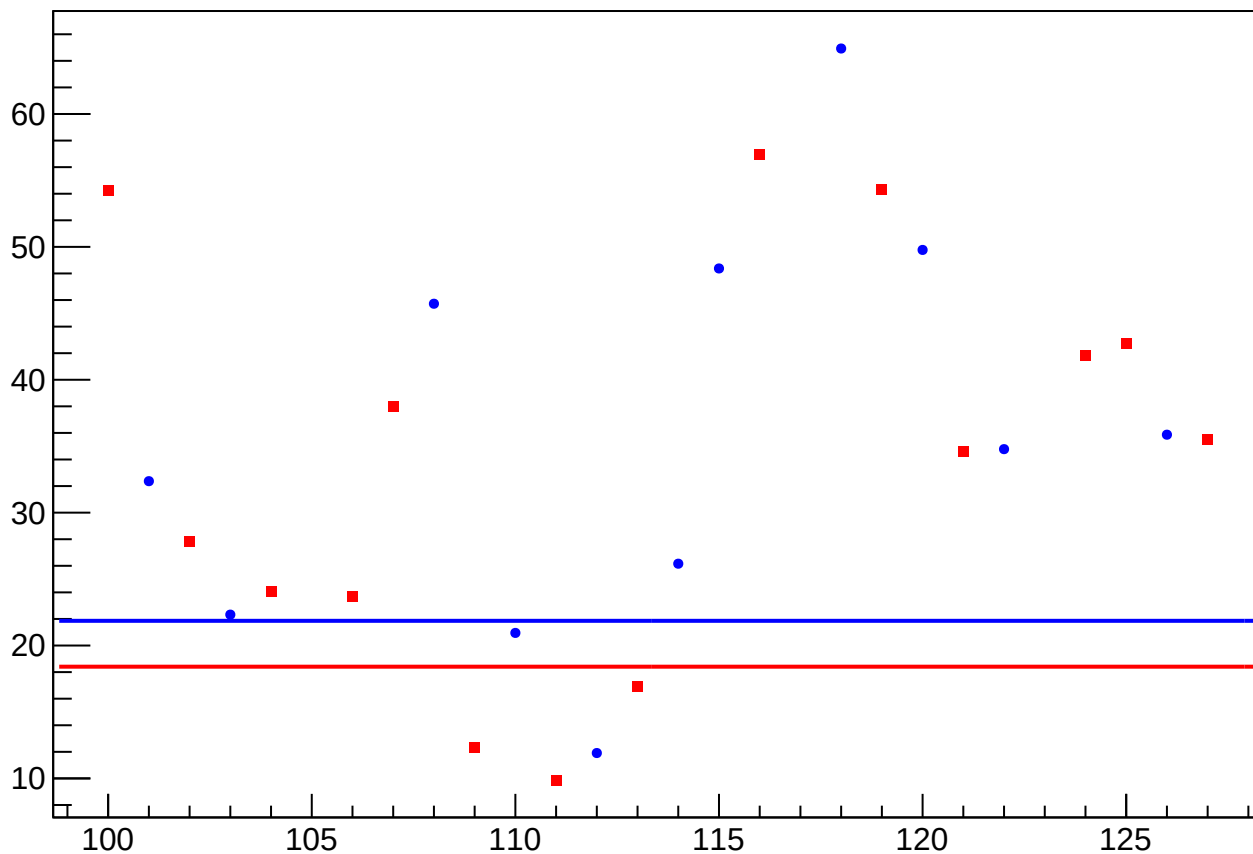
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.008 χ^2/NDF : 23.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 21.860 $\pm$ 0.009 χ^2 /NDF: 1833938.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 18.408 $\pm$ 0.007 χ^2 /NDF: 2520473.4/13

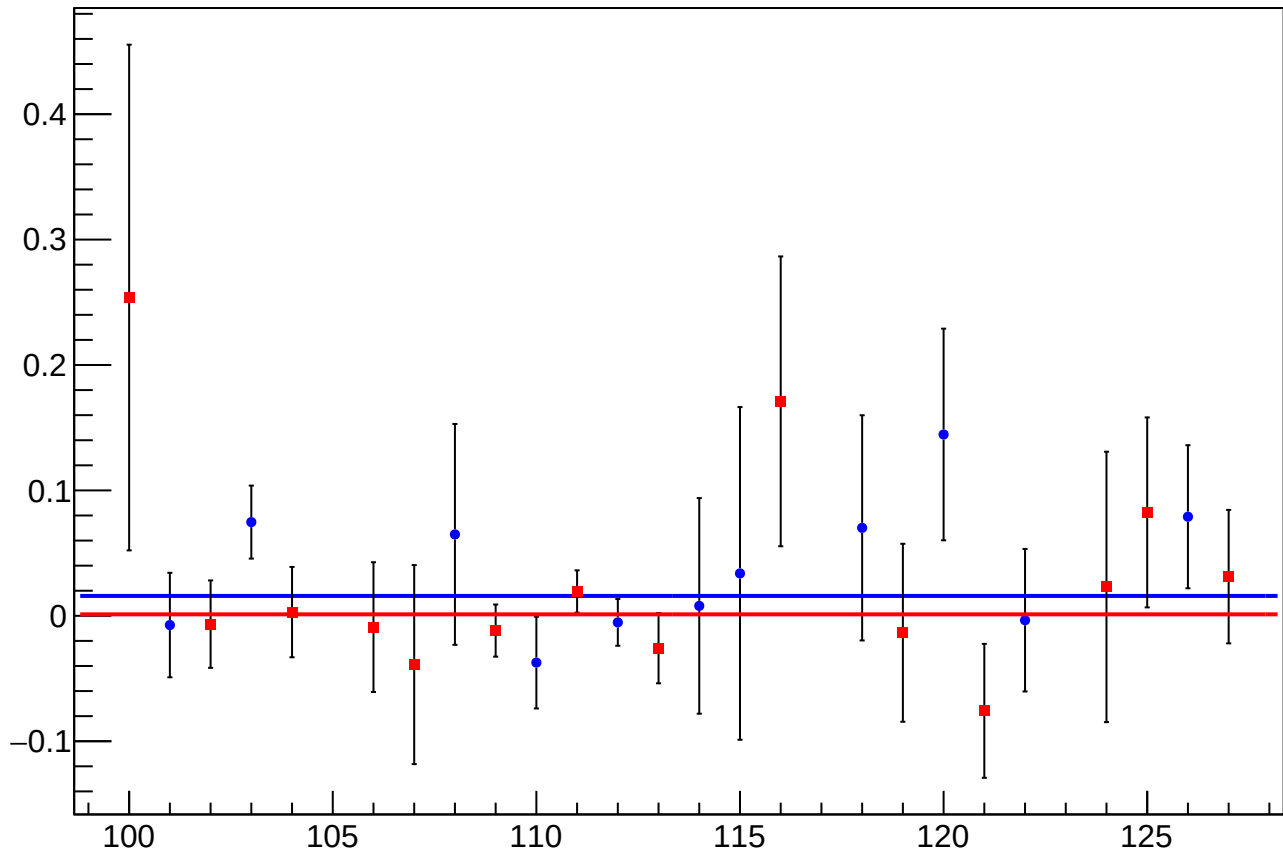
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.739 $\pm$ 0.005 χ^2 /NDF: 4450843.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.016 $\pm$ 0.012 χ^2 /NDF: 12.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.001 $\pm$ 0.010 χ^2 /NDF: 10.2/13

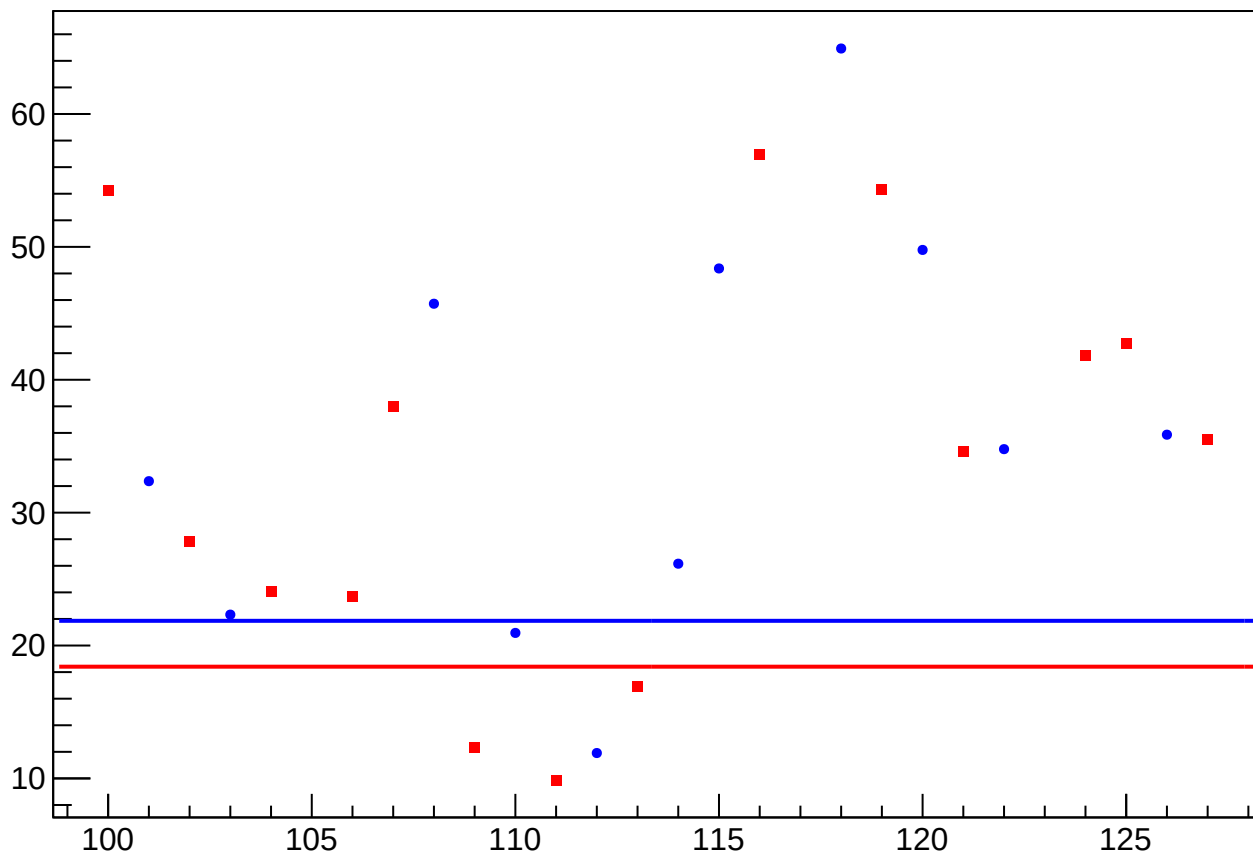
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.008 χ^2 /NDF: 23.2/24

- 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: 21.860 $\pm$ 0.009 χ^2 /NDF: 1833938.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 18.408 $\pm$ 0.007 χ^2 /NDF: 2520473.4/13

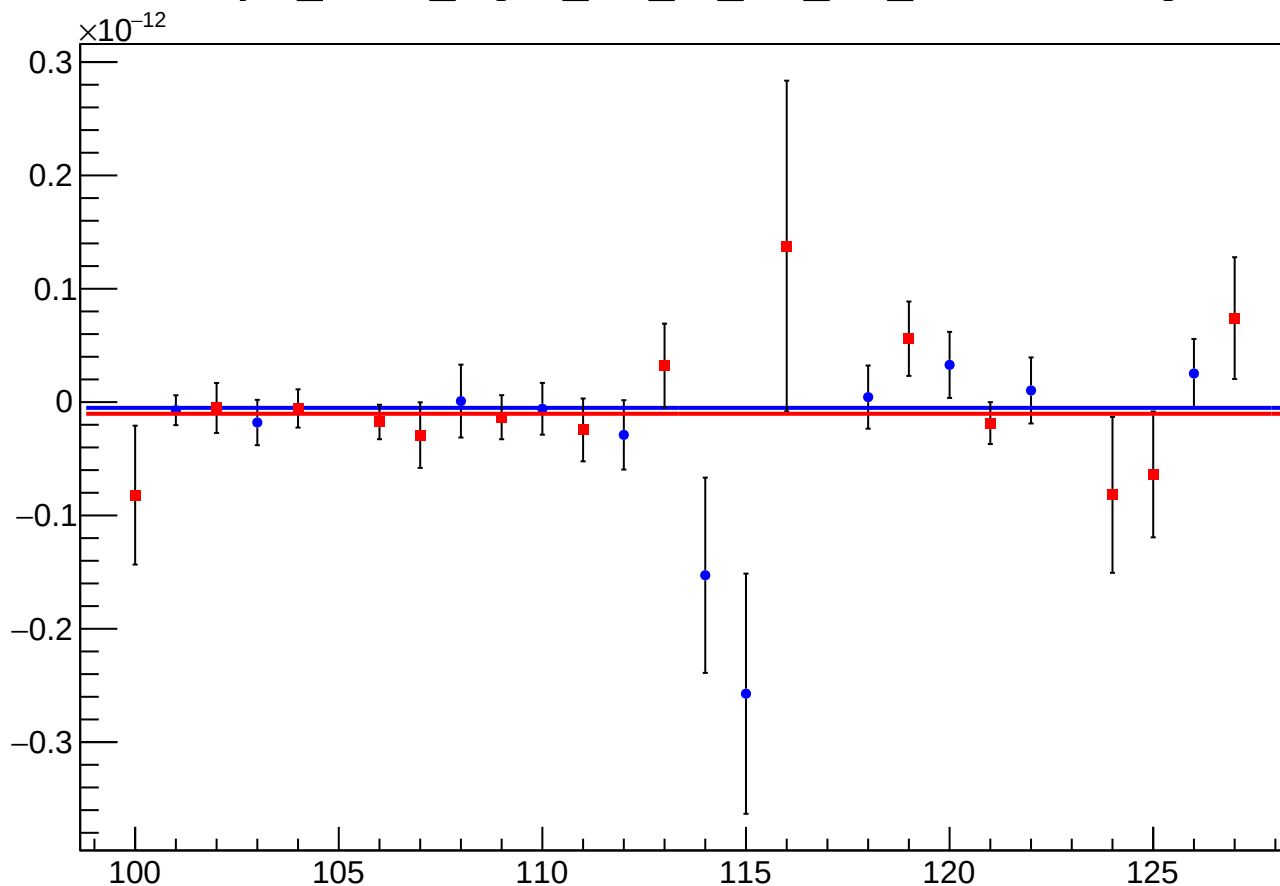
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.739 $\pm$ 0.005 χ^2 /NDF: 4450843.0/24

- sign 0.000 $\pm$ 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 : 12.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 13.6/13

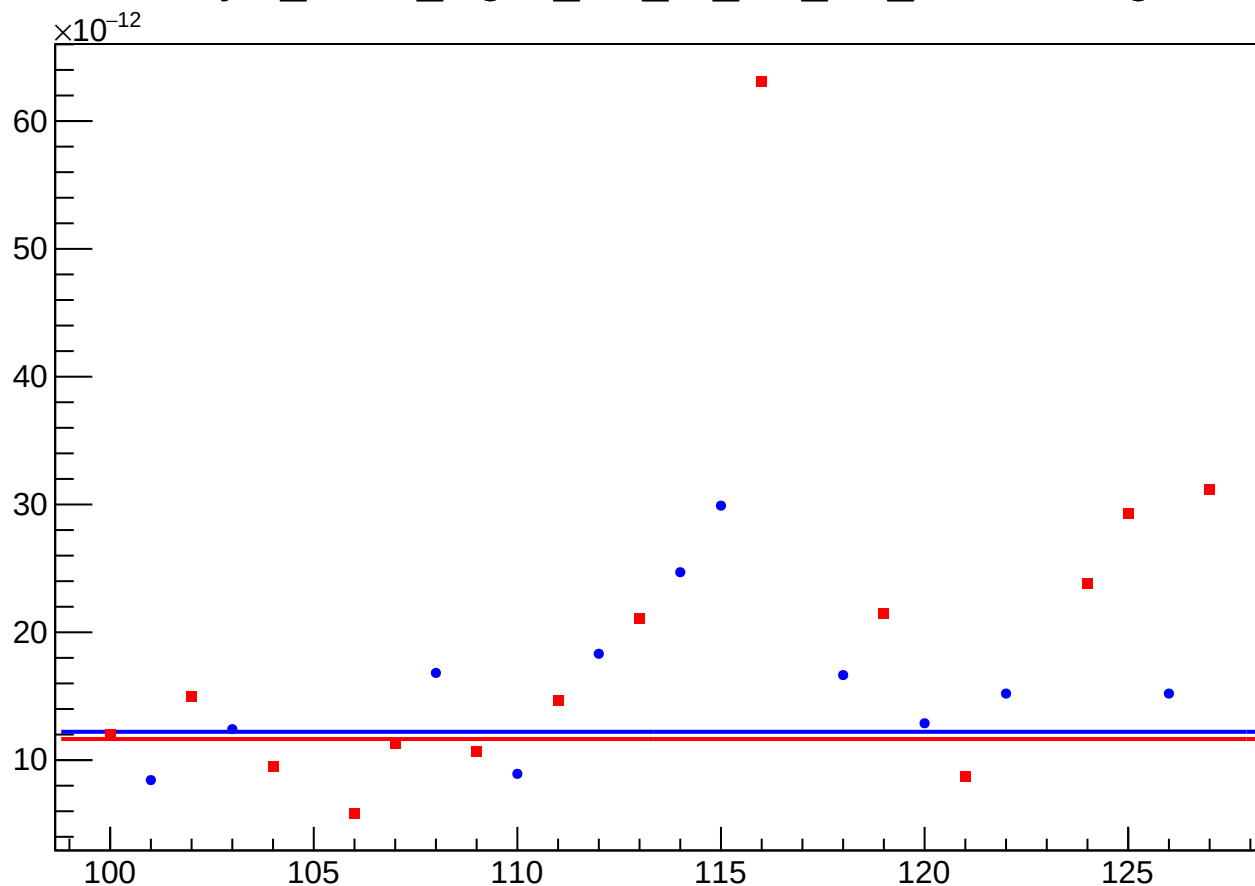
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 26.6/24

- 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 : 516295.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1538700.7/13

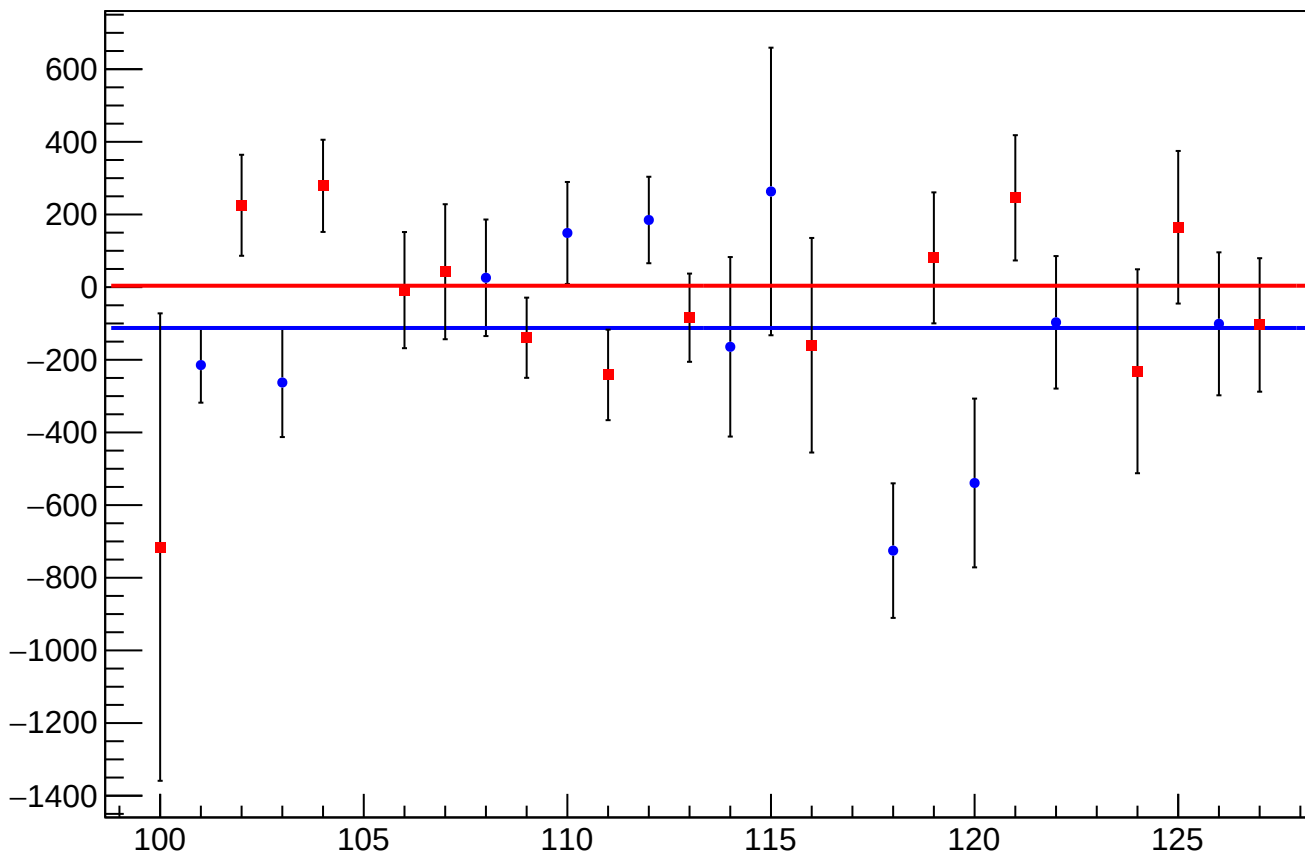
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2061008.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_mean vs Slug



Right In: -112.434+/-48.561 χ^2/NDF : 27.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.877+/-43.055 χ^2/NDF : 18.7/13

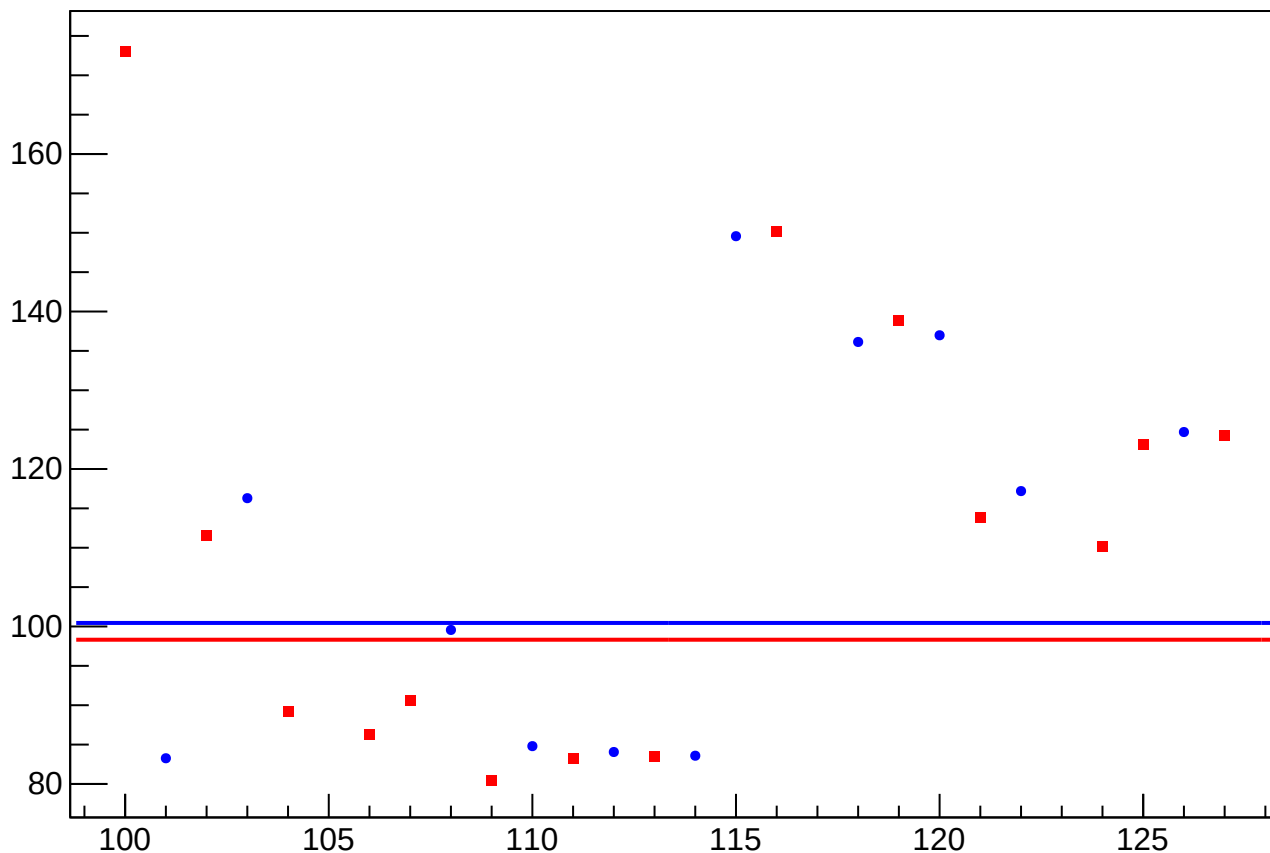
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.313+/-32.216 χ^2/NDF : 49.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_rms vs Slug



Right In: 100.449+/-0.034 χ^2/NDF : 351182.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.318+/-0.030 χ^2/NDF : 431676.8/13

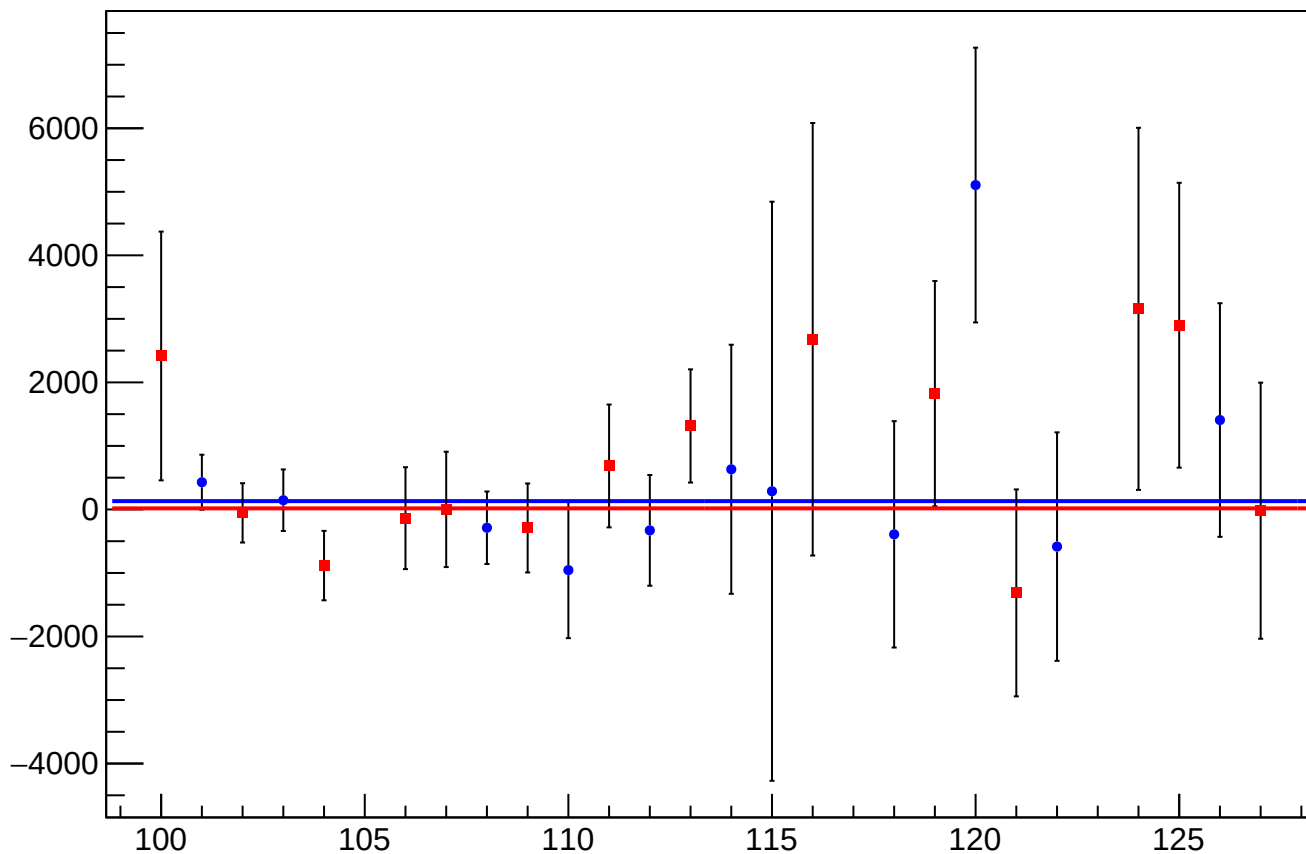
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.256+/-0.023 χ^2/NDF : 785014.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_reg_correction_mean vs Slug



Right In: 130.925+/-247.728 χ^2/NDF : 8.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.875+/-244.839 χ^2/NDF : 12.3/13

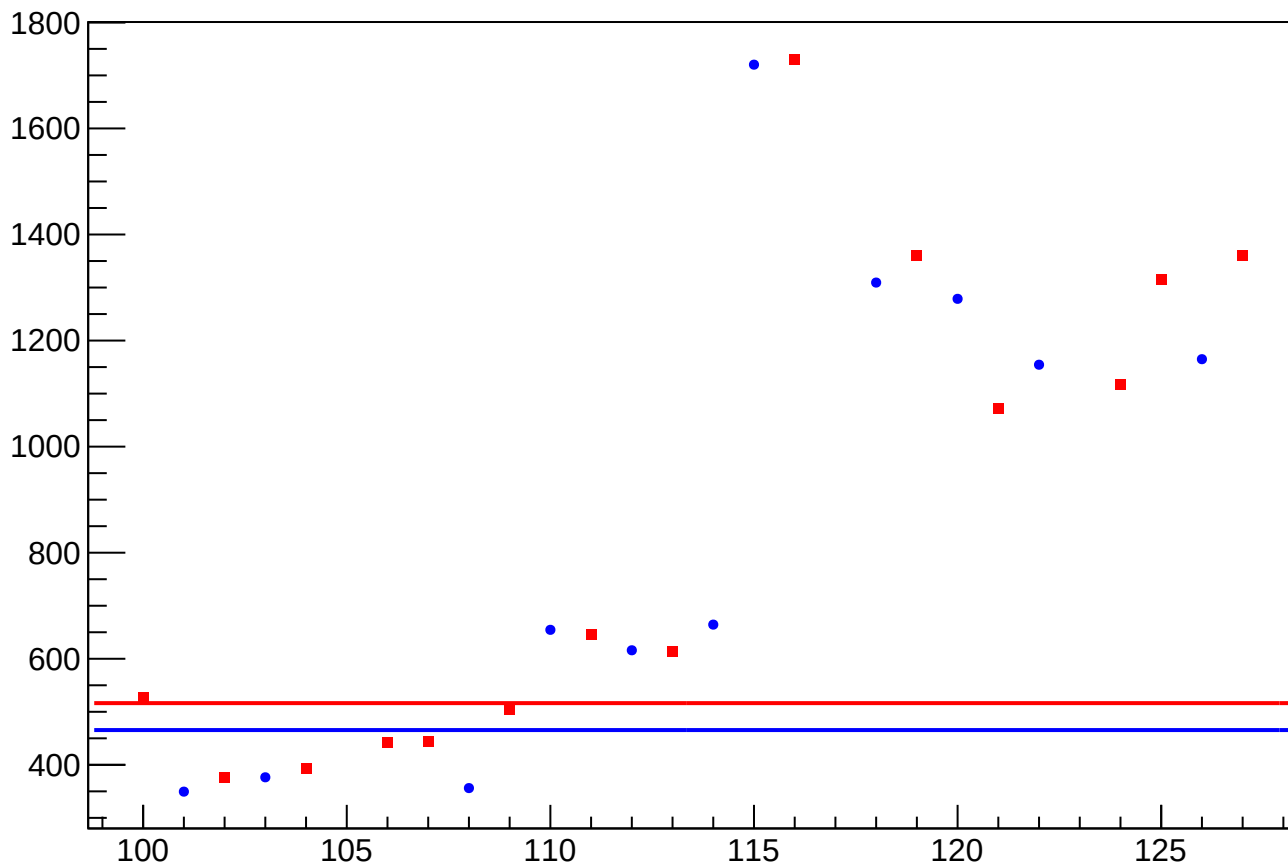
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.231+/-174.140 χ^2/NDF : 20.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_reg_correction_rms vs Slug



Right In: 465.574+/-0.175 χ^2/NDF : 1892898.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 516.358+/-0.173 χ^2/NDF : 2008298.9/13

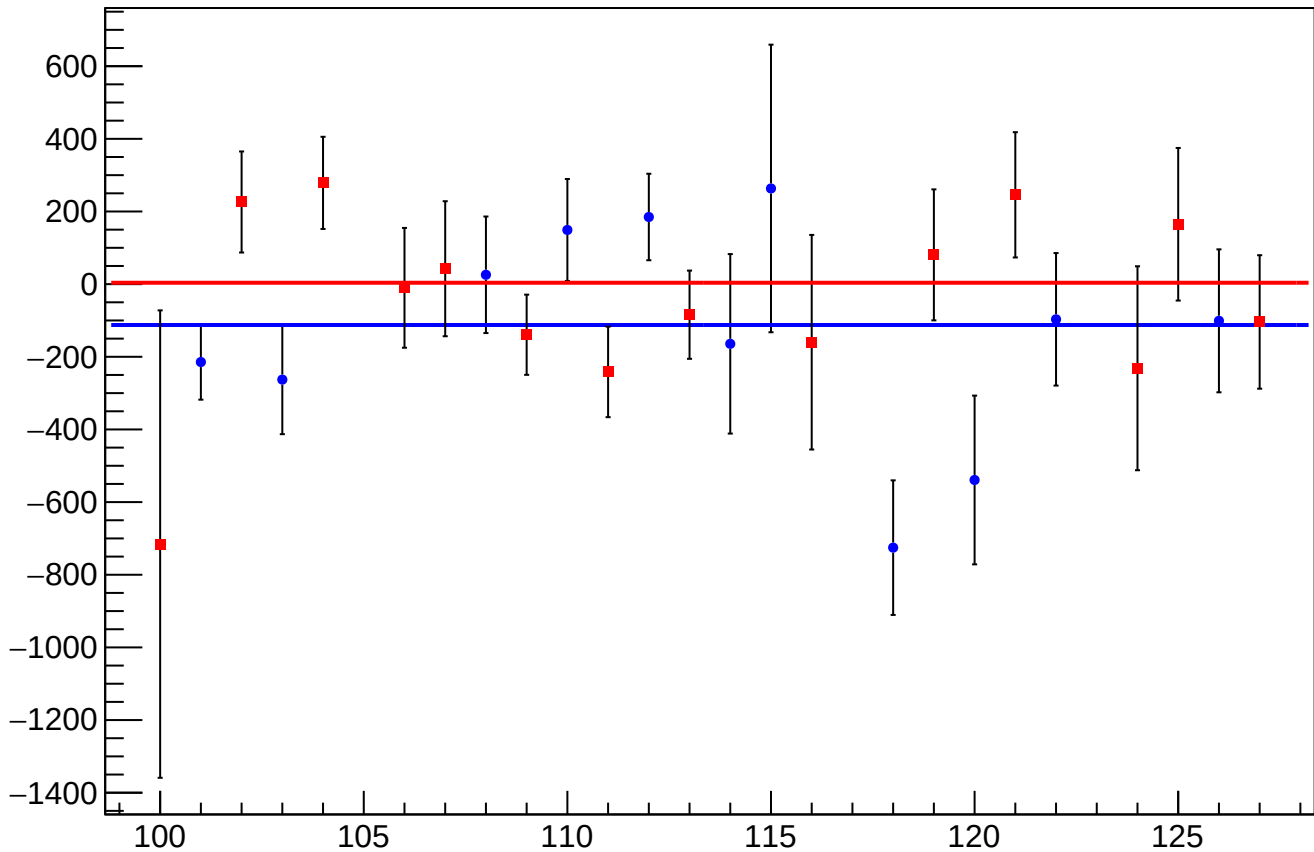
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 491.264+/-0.123 χ^2/NDF : 3943715.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam6_mean vs Slug



Right In: -112.470+/-48.561 χ^2/NDF : 27.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.847+/-43.150 χ^2/NDF : 18.7/13

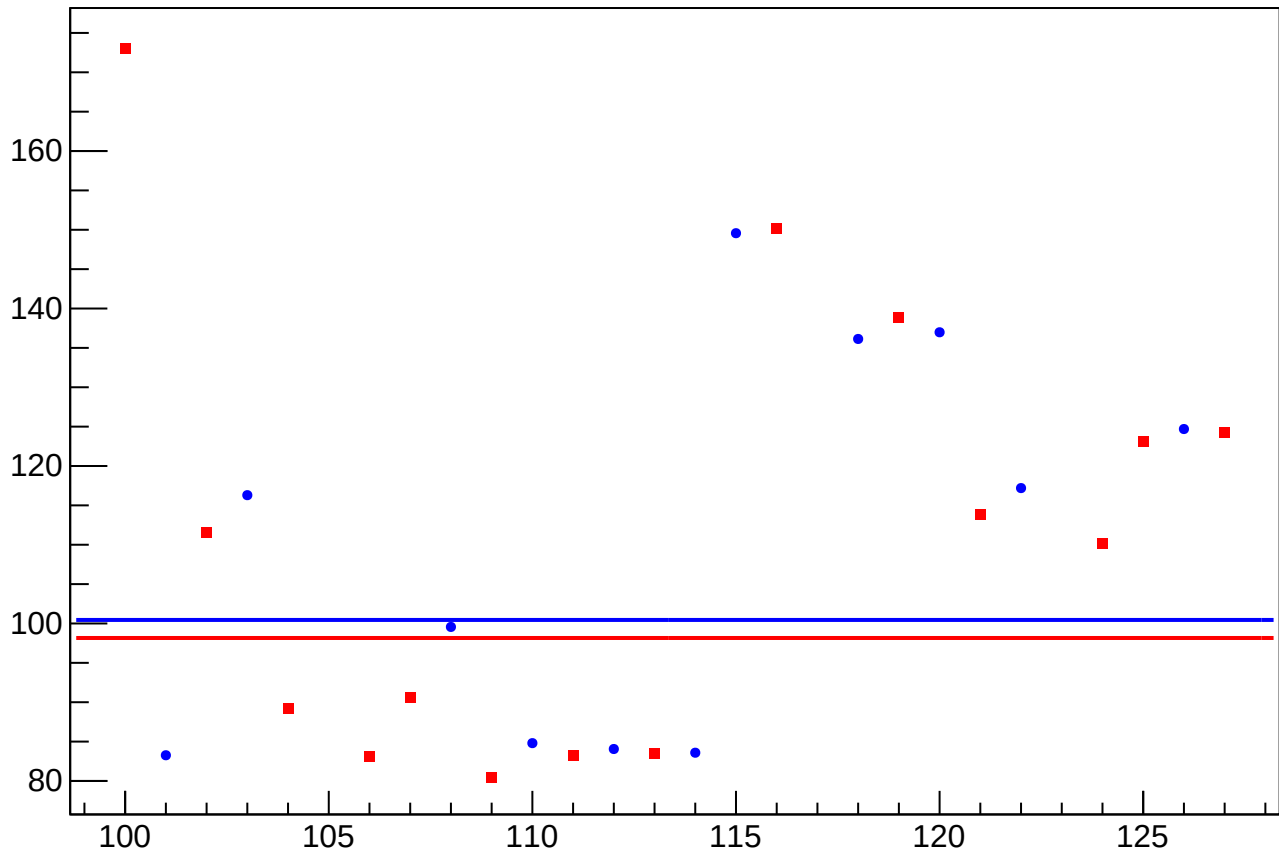
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.472+/-32.256 χ^2/NDF : 49.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam6_rms vs Slug



Right In: 100.449+/-0.034 χ^2/NDF : 351184.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.158+/-0.031 χ^2/NDF : 437393.9/13

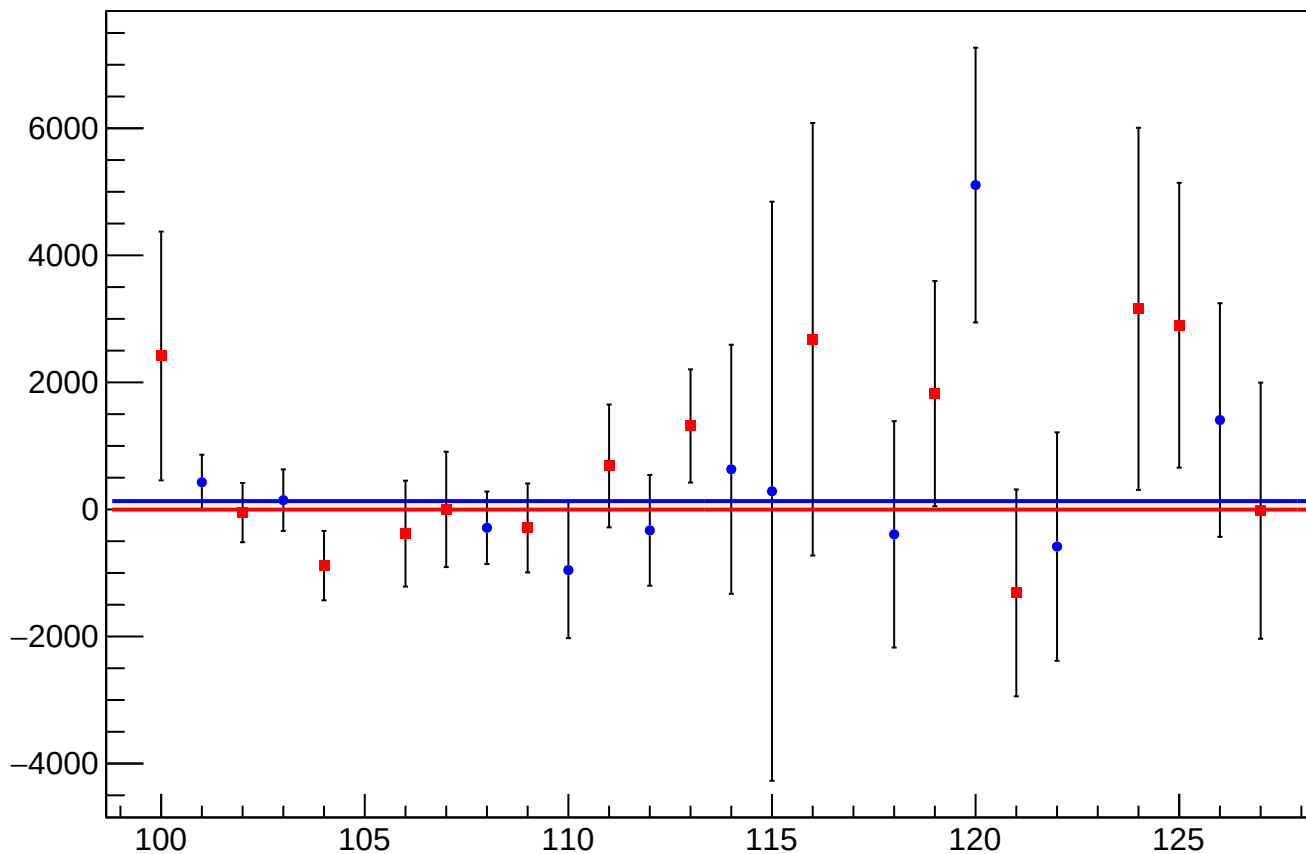
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.168+/-0.023 χ^2/NDF : 791066.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_cor_correction_mean vs Slug



Right In: 131.096 $\pm$ 247.719 χ^2 /NDF: 8.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.301 $\pm$ 245.574 χ^2 /NDF: 12.4/13

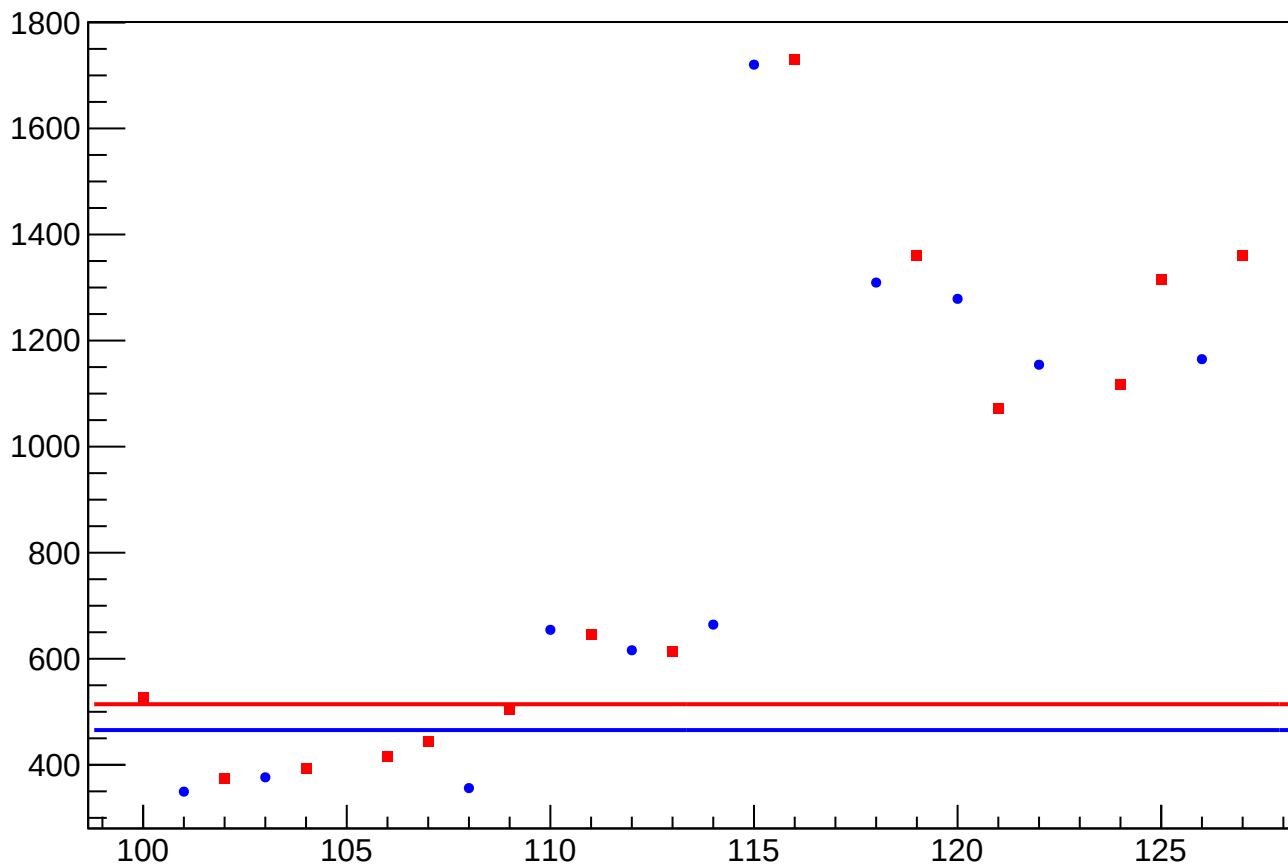
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 63.817 $\pm$ 174.401 χ^2 /NDF: 21.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_cor_correction_rms vs Slug



Right In: 465.554+/-0.175 χ^2/NDF : 1892994.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 514.325+/-0.174 χ^2/NDF : 2022144.0/13

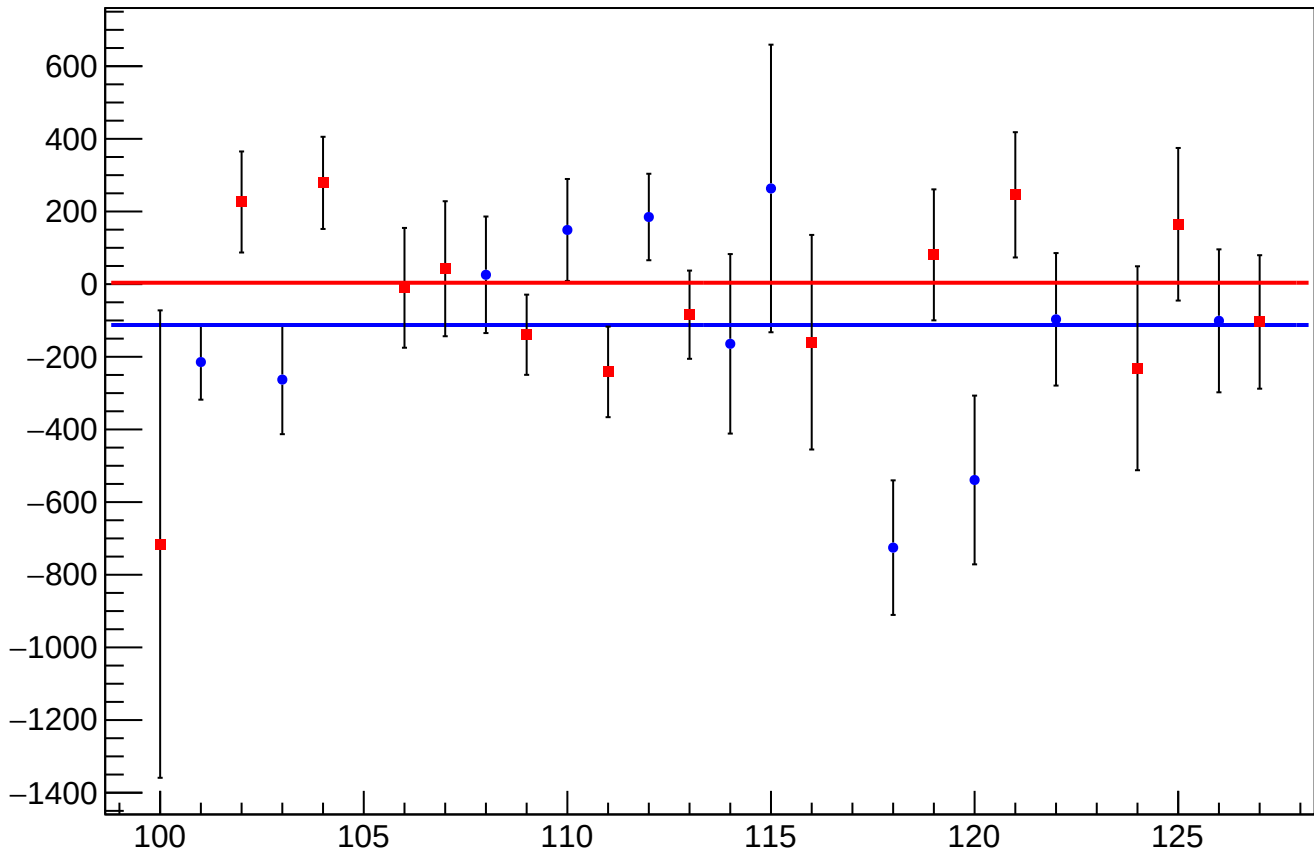
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 490.152+/-0.123 χ^2/NDF : 3954238.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam6_mean vs Slug



Right In: -112.470+/-48.561 χ^2/NDF : 27.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.847+/-43.150 χ^2/NDF : 18.7/13

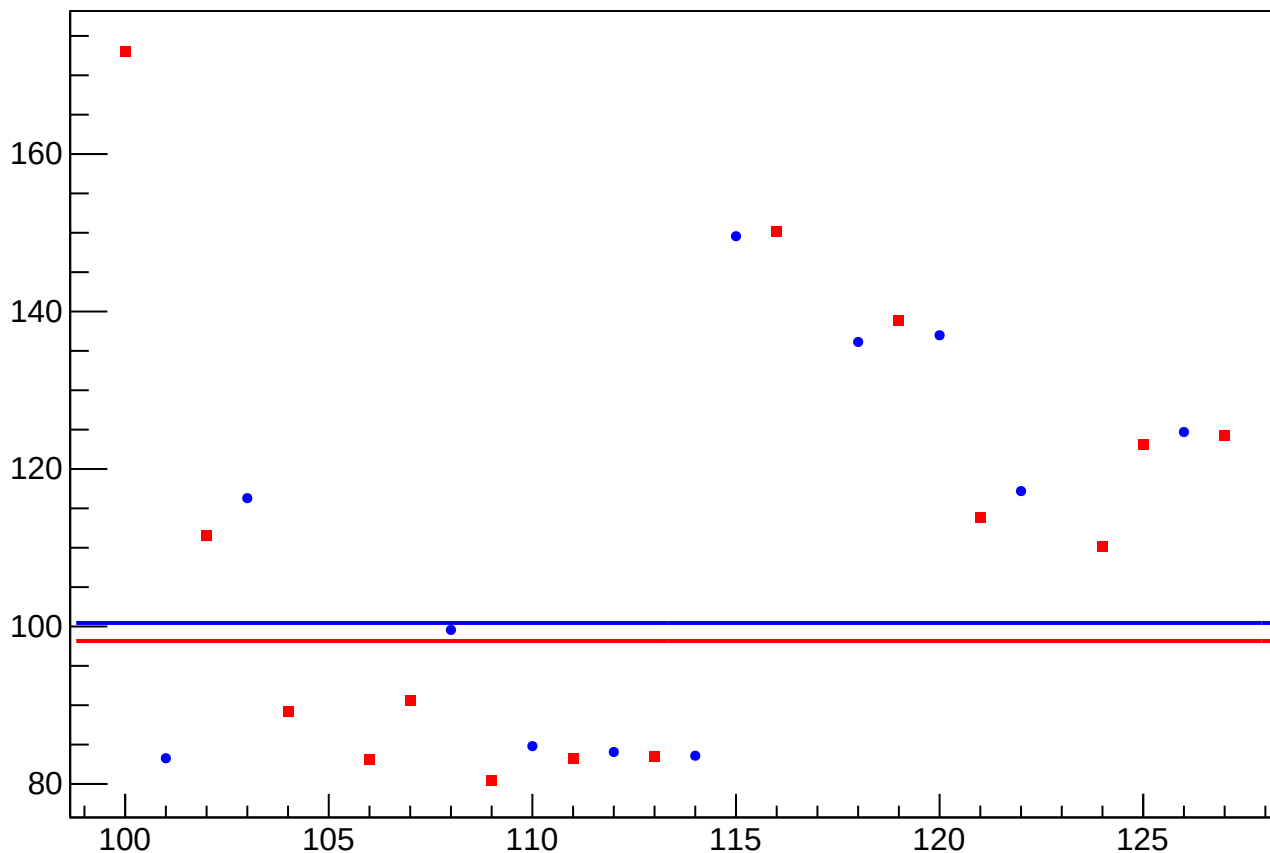
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.472+/-32.256 χ^2/NDF : 49.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam6_rms vs Slug



Right In: 100.449+/-0.034 χ^2/NDF : 351184.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.158+/-0.031 χ^2/NDF : 437393.9/13

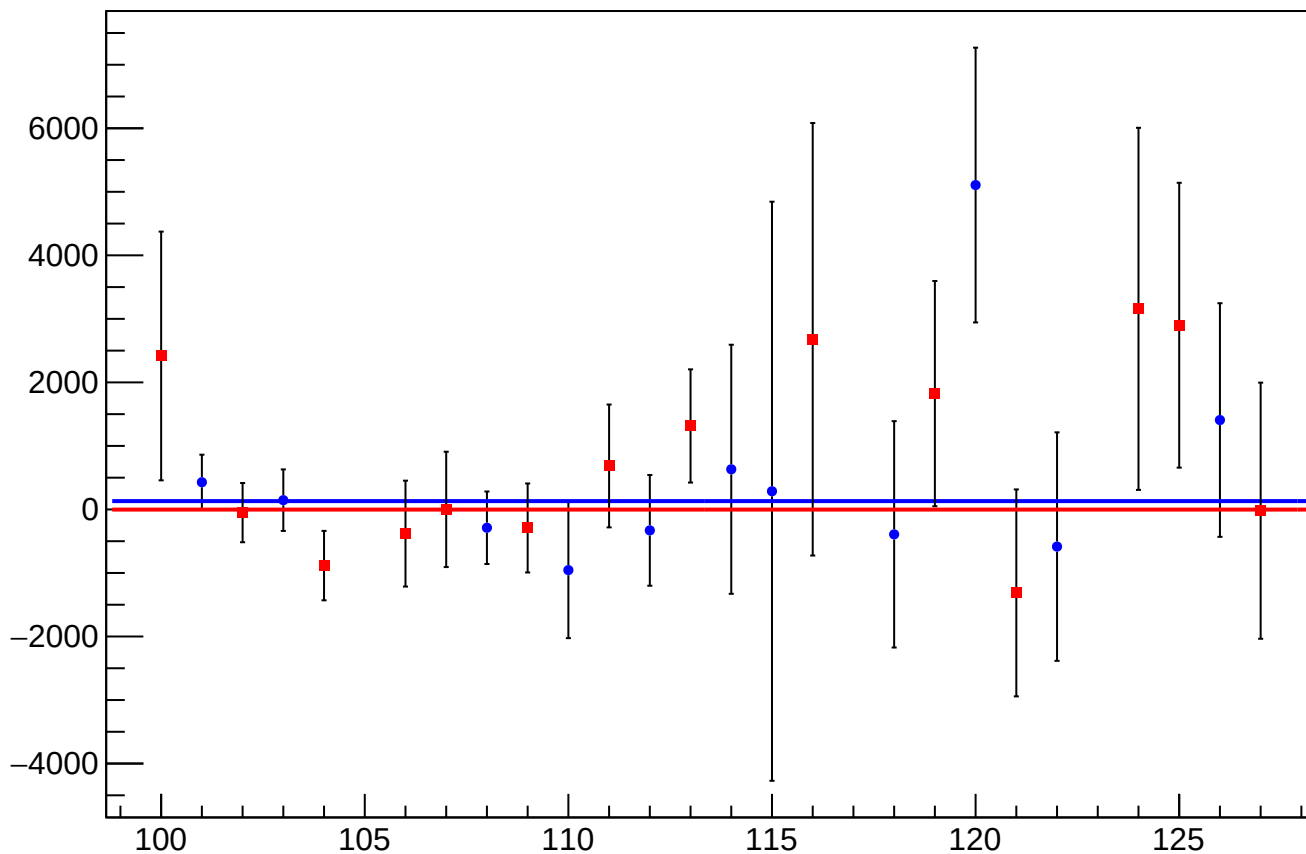
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.168+/-0.023 χ^2/NDF : 791066.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_eigen_cor_correction_mean vs Slug



Right In: 131.096+/-247.719 χ^2/NDF : 8.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.301+/-245.574 χ^2/NDF : 12.4/13

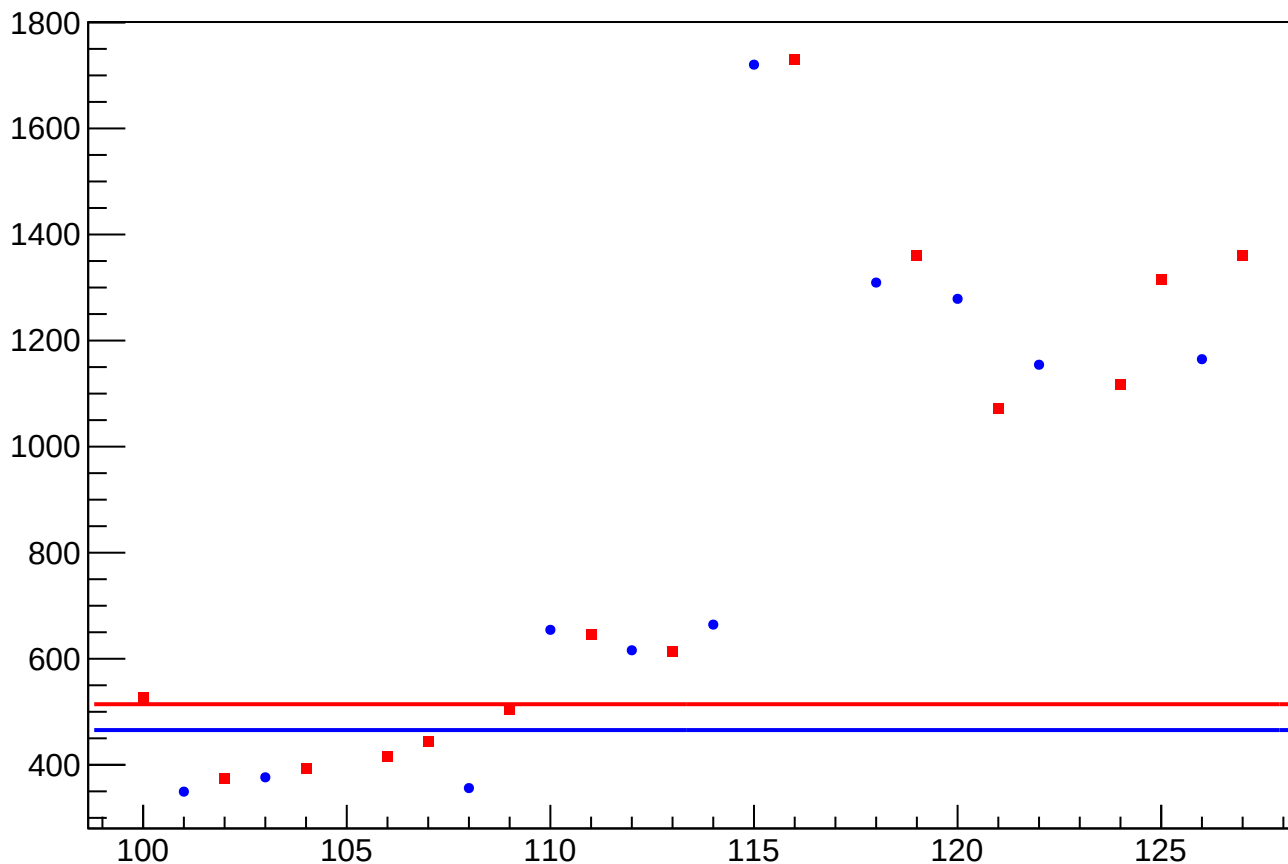
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.817+/-174.401 χ^2/NDF : 21.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_eigen_cor_correction_rms vs Slug



Right In: 465.554+/-0.175 χ^2/NDF : 1892994.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 514.325+/-0.174 χ^2/NDF : 2022144.0/13

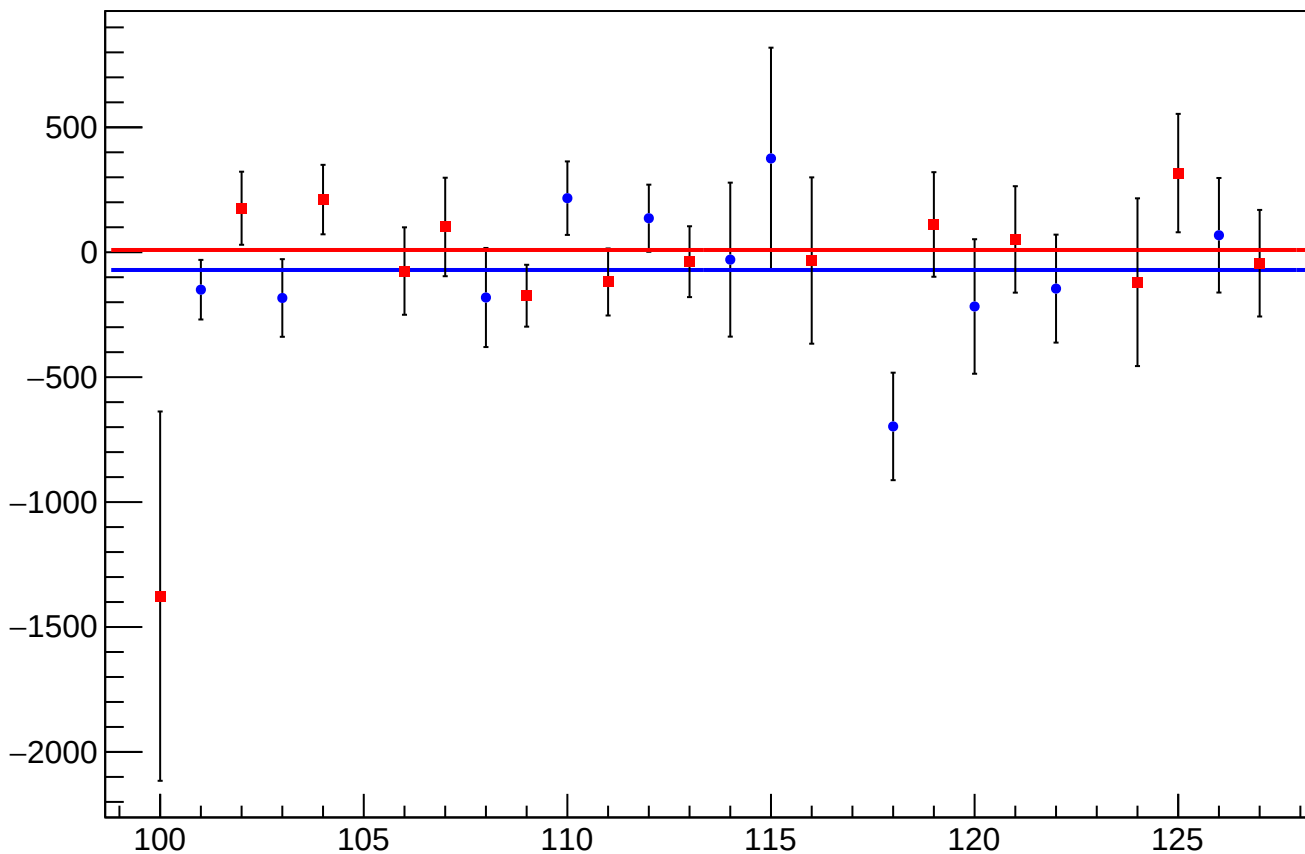
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 490.152+/-0.123 χ^2/NDF : 3954238.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam6_mean vs Slug



Right In: -71.016 ± 55.025 χ^2/NDF : 17.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 9.029 ± 48.122 χ^2/NDF : 12.8/13

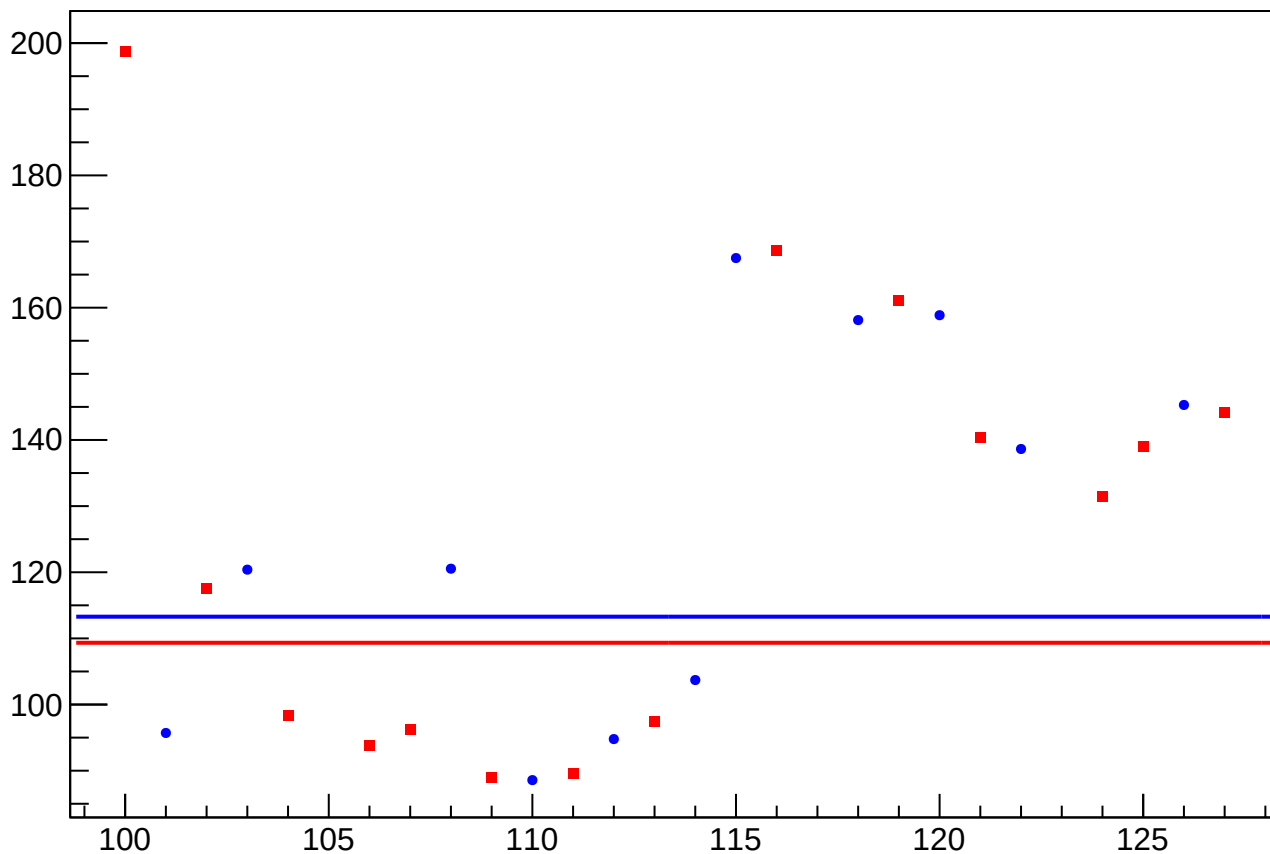
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -25.661 ± 36.224 χ^2/NDF : 31.7/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam6_rms vs Slug



Right In: 113.284 $\pm$ 0.039 χ^2 /NDF: 387312.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 109.339 $\pm$ 0.034 χ^2 /NDF: 506006.3/13

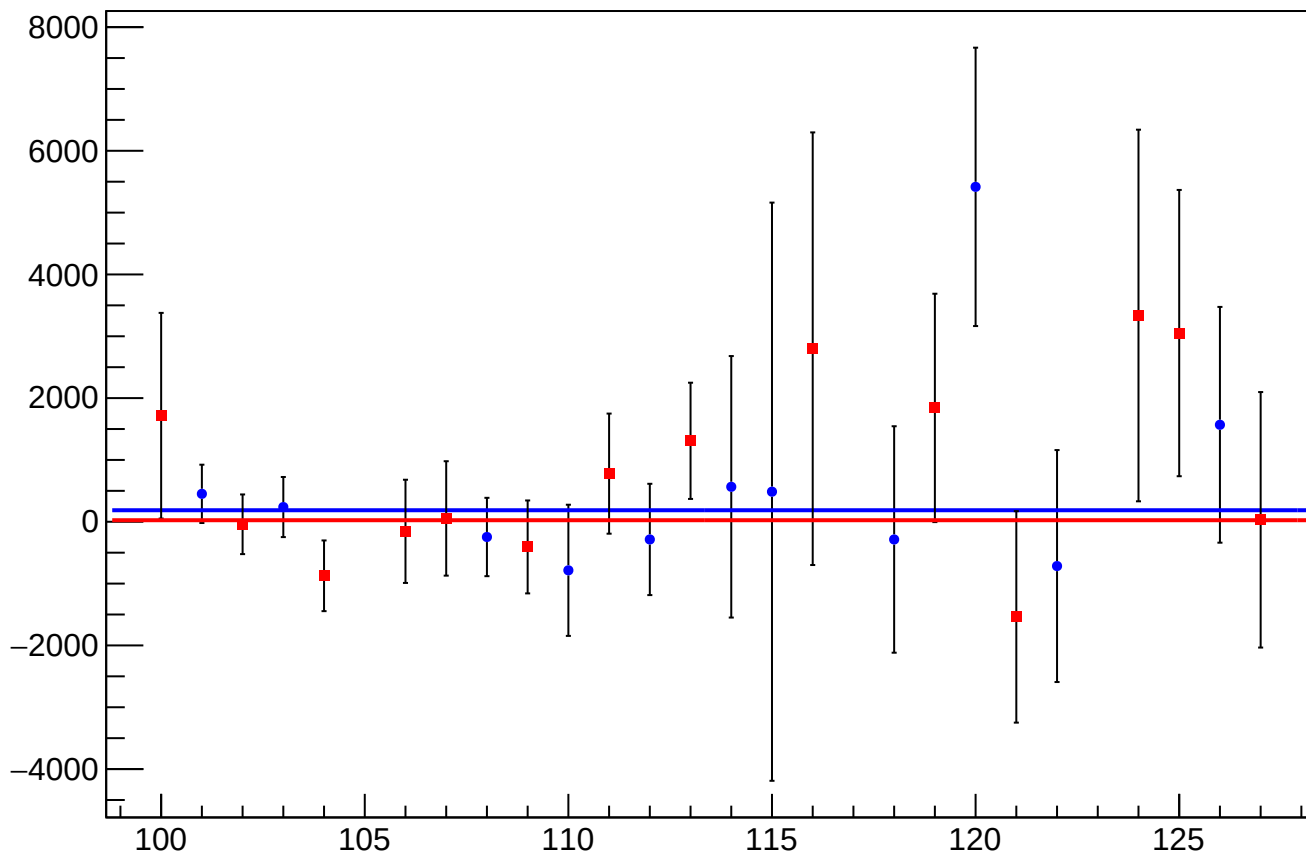
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 111.048 $\pm$ 0.026 χ^2 /NDF: 899144.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_dit_correction_mean vs Slug



Right In: 186.399 $\pm$ 261.097 χ^2 /NDF: 8.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 24.937 $\pm$ 253.758 χ^2 /NDF: 11.7/13

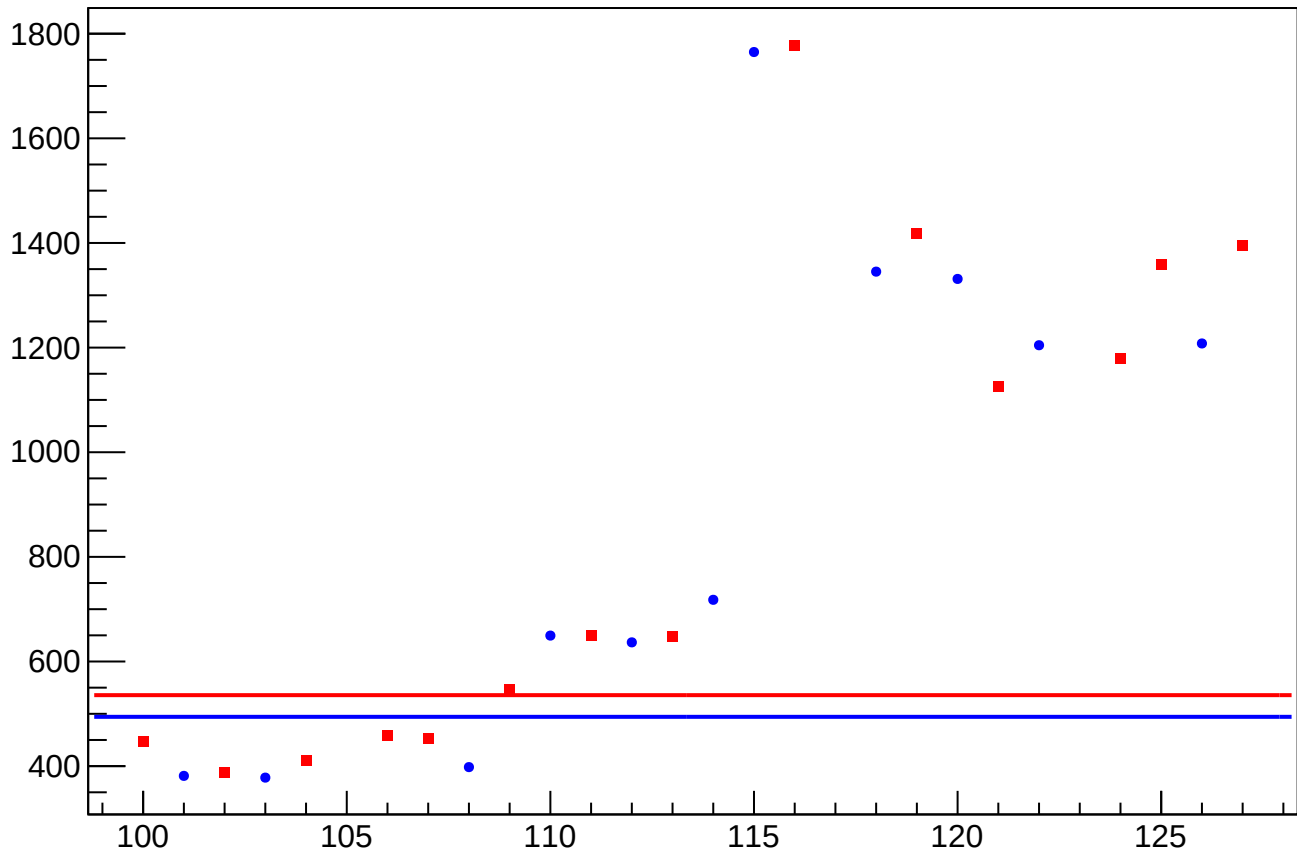
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 103.367 $\pm$ 181.973 χ^2 /NDF: 20.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_dit_correction_rms vs Slug



Right In: 494.252+/-0.185 χ^2/NDF : 1813099.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 535.677+/-0.179 χ^2/NDF : 2013147.1/13

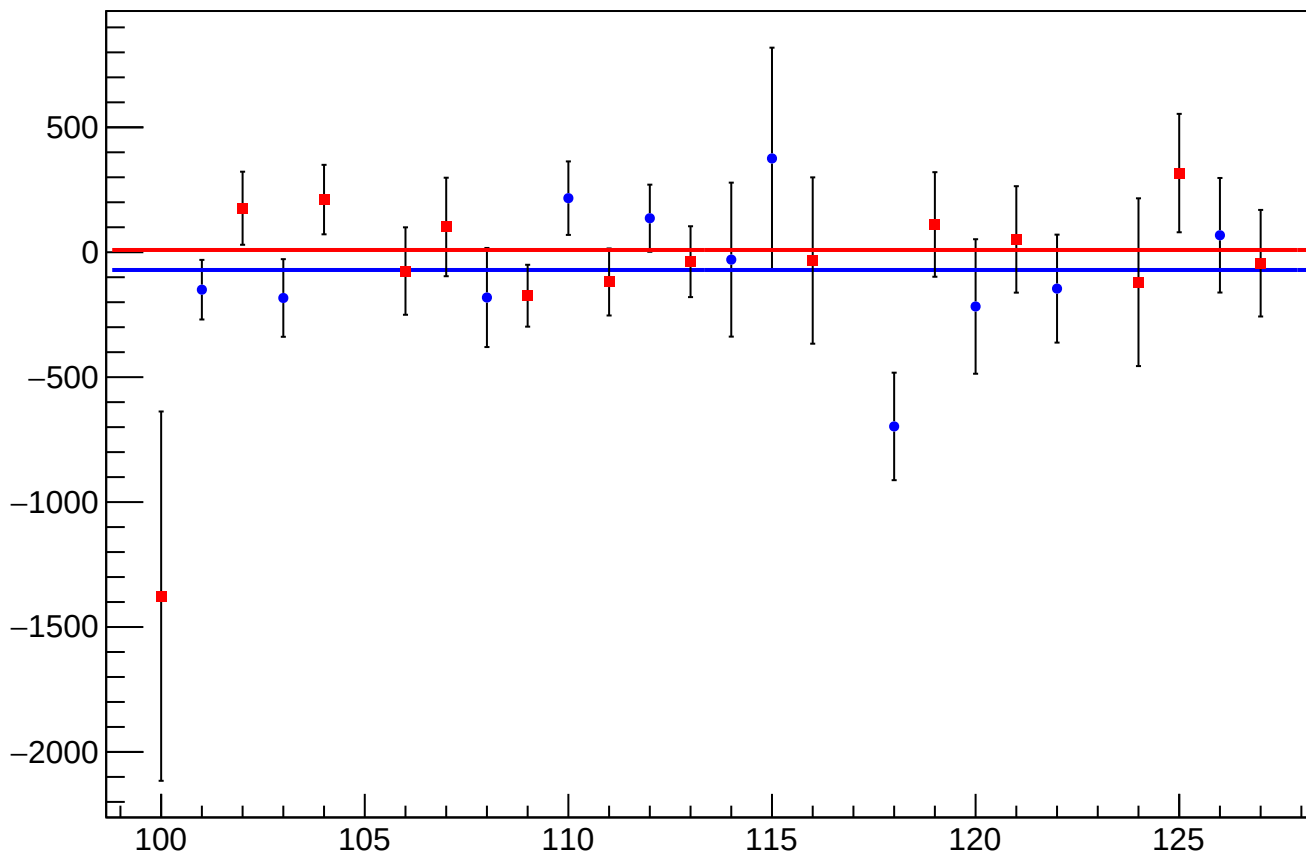
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 515.555+/-0.129 χ^2/NDF : 3852135.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam6_mean vs Slug



Right In: -71.017 ± 55.025 χ^2/NDF : 17.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 9.027 ± 48.122 χ^2/NDF : 12.8/13

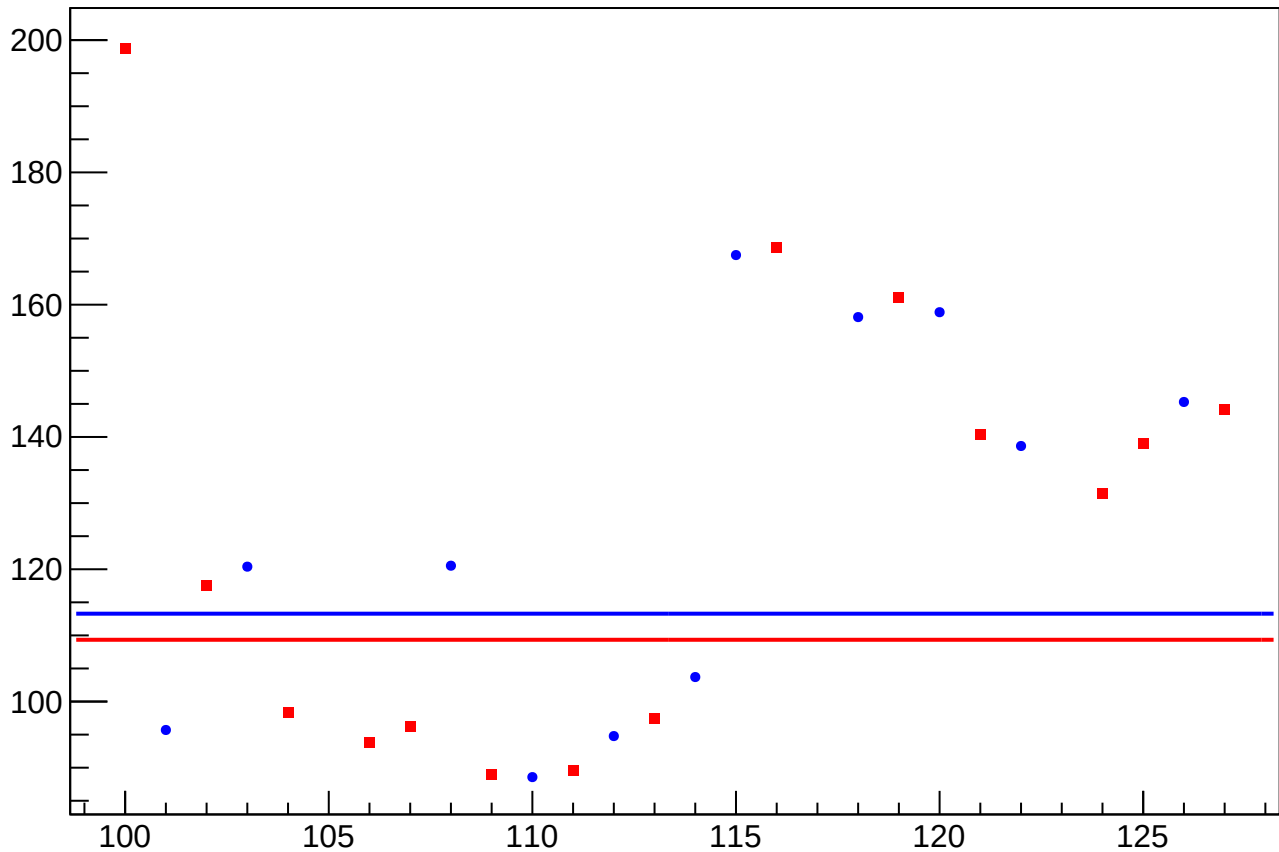
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -25.663 ± 36.224 χ^2/NDF : 31.7/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam6_rms vs Slug



Right In: 113.284 $\pm$ 0.039 χ^2 /NDF: 387314.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 109.338 $\pm$ 0.034 χ^2 /NDF: 506005.8/13

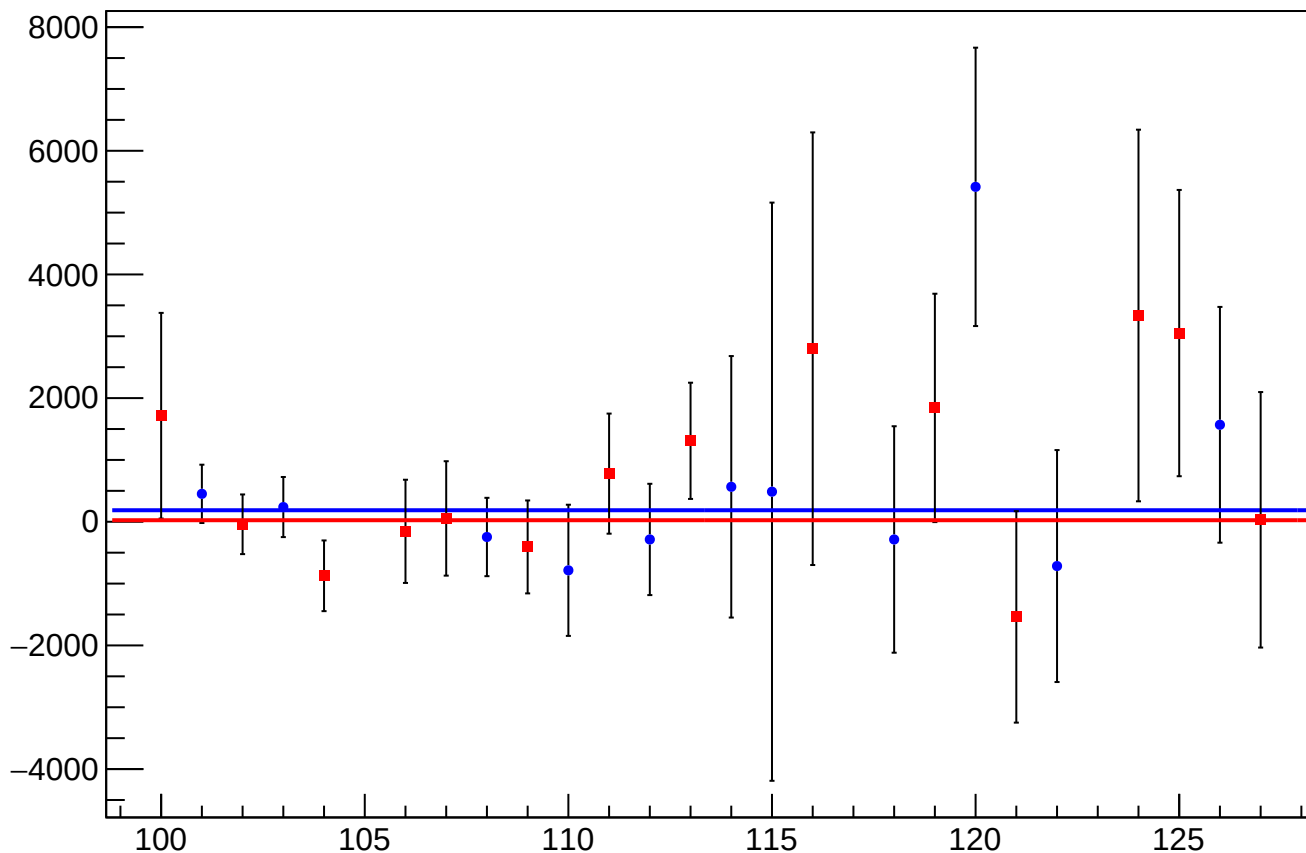
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 111.048 $\pm$ 0.026 χ^2 /NDF: 899146.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_dit_correction_mean vs Slug



Right In: 186.399 $\pm$ 261.096 χ^2 /NDF: 8.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 24.935 $\pm$ 253.758 χ^2 /NDF: 11.7/13

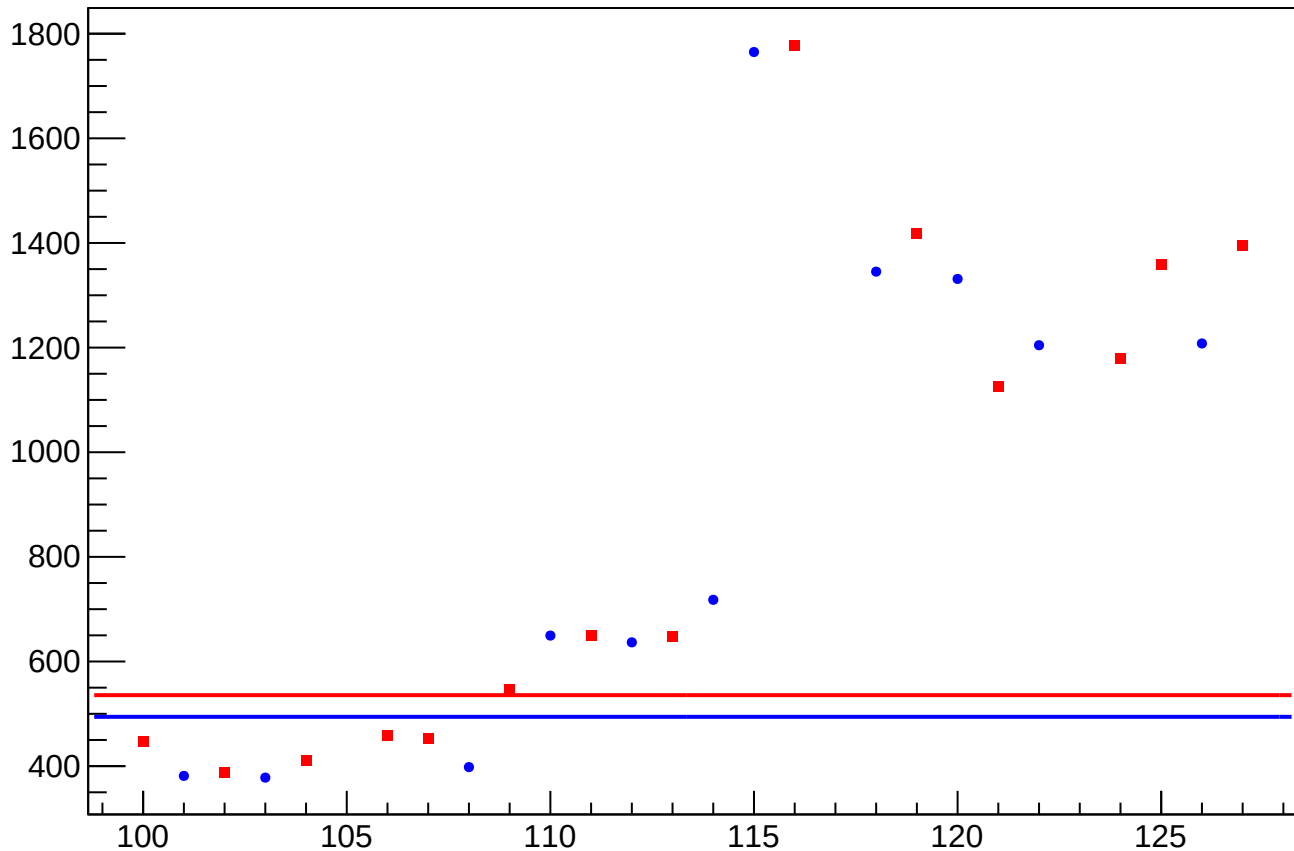
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 103.366 $\pm$ 181.973 χ^2 /NDF: 20.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_dit_correction_rms vs Slug



Right In: 494.251+/-0.185 χ^2/NDF : 1813101.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

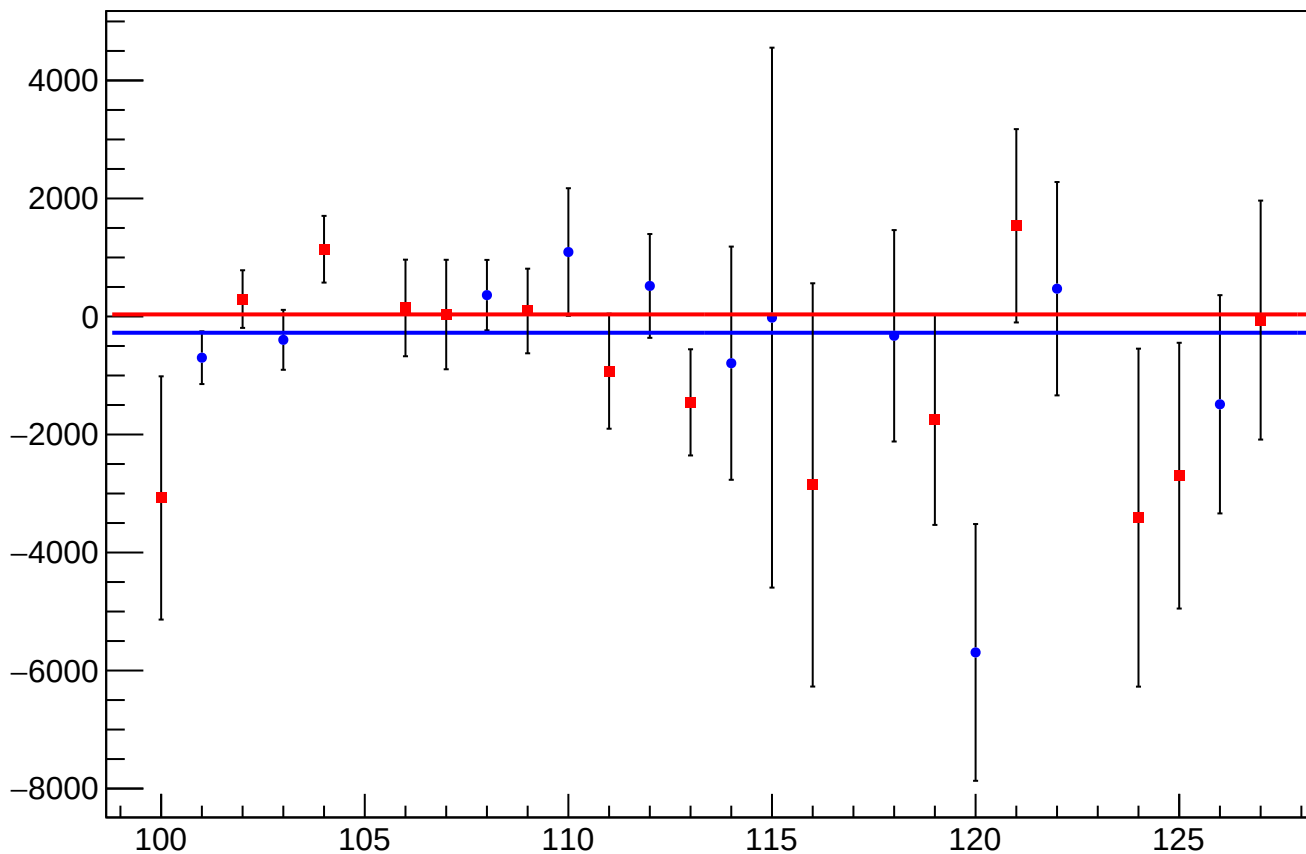
Right Out: 535.676+/-0.179 χ^2/NDF : 2013147.4/13

All: 515.554+/-0.129 χ^2/NDF : 3852138.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_mean vs Slug



Right In: -275.600 ± 255.889 χ^2/NDF : 11.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 35.257 ± 251.731 χ^2/NDF : 15.6/13

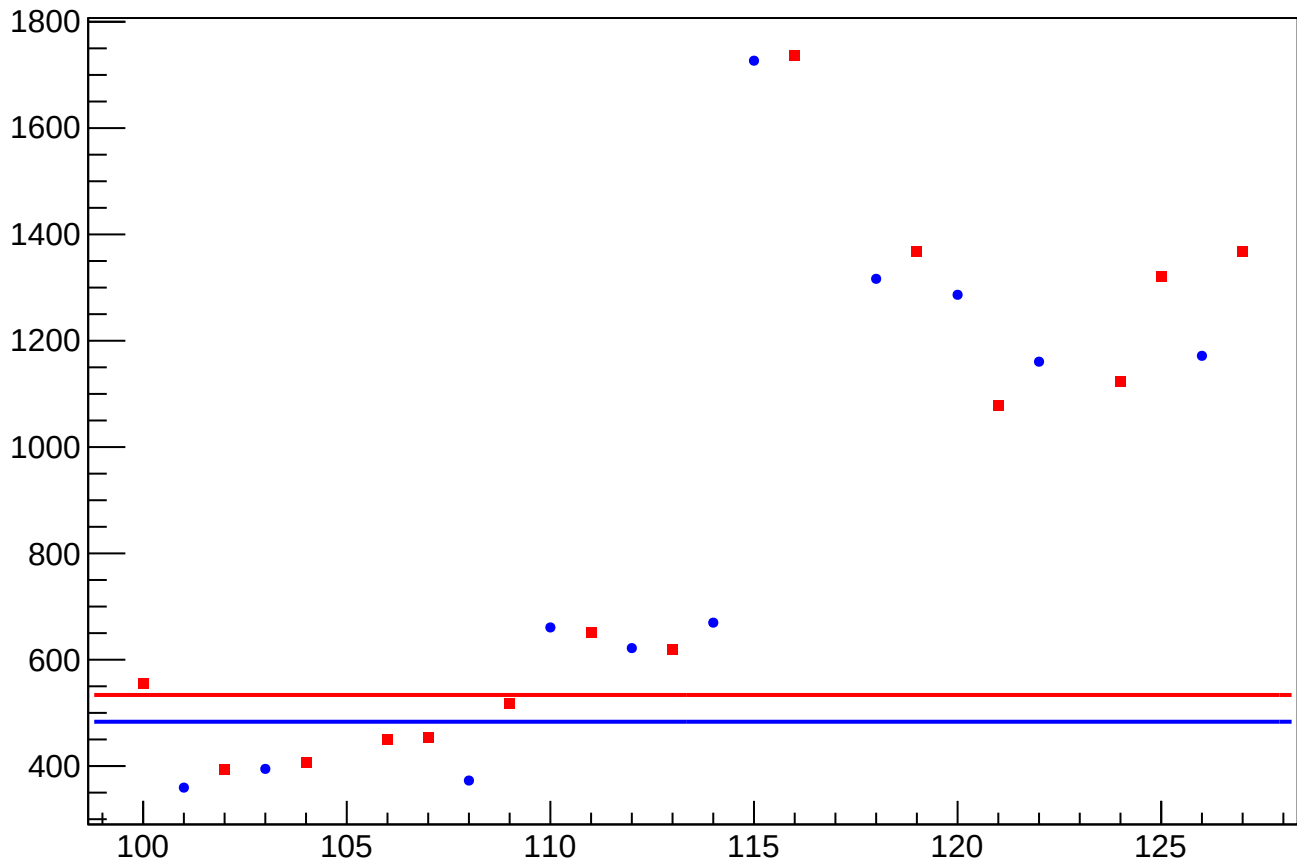
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -117.625 ± 179.453 χ^2/NDF : 27.7/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam6_rms vs Slug



Right In: 483.331 ± 0.181 $\chi^2/\text{NDF}: 1815434.2/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

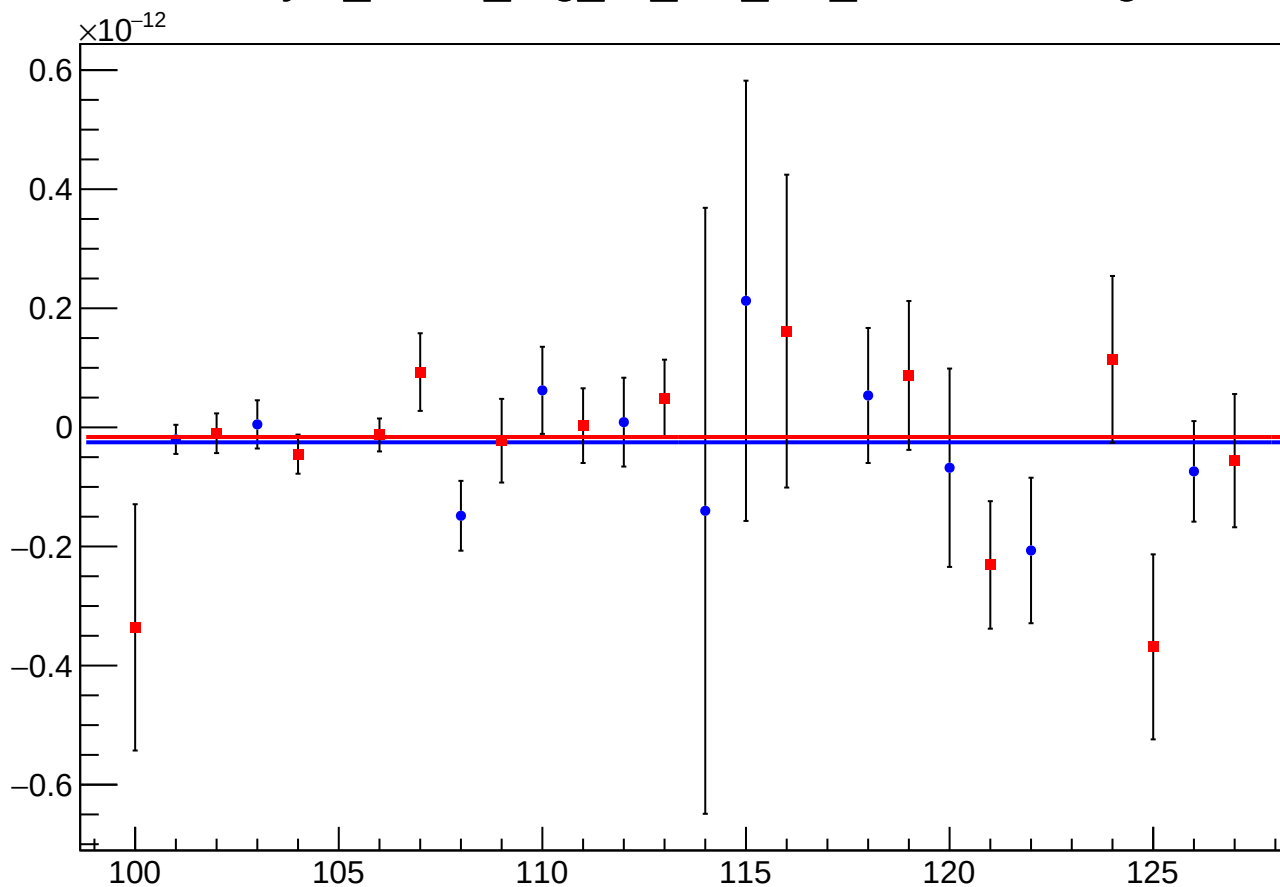
Right Out: 533.684 ± 0.178 $\chi^2/\text{NDF}: 1925478.7/13$

All: 508.920 ± 0.127 $\chi^2/\text{NDF}: 3780268.2/24$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam6_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 10.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 18.4/13

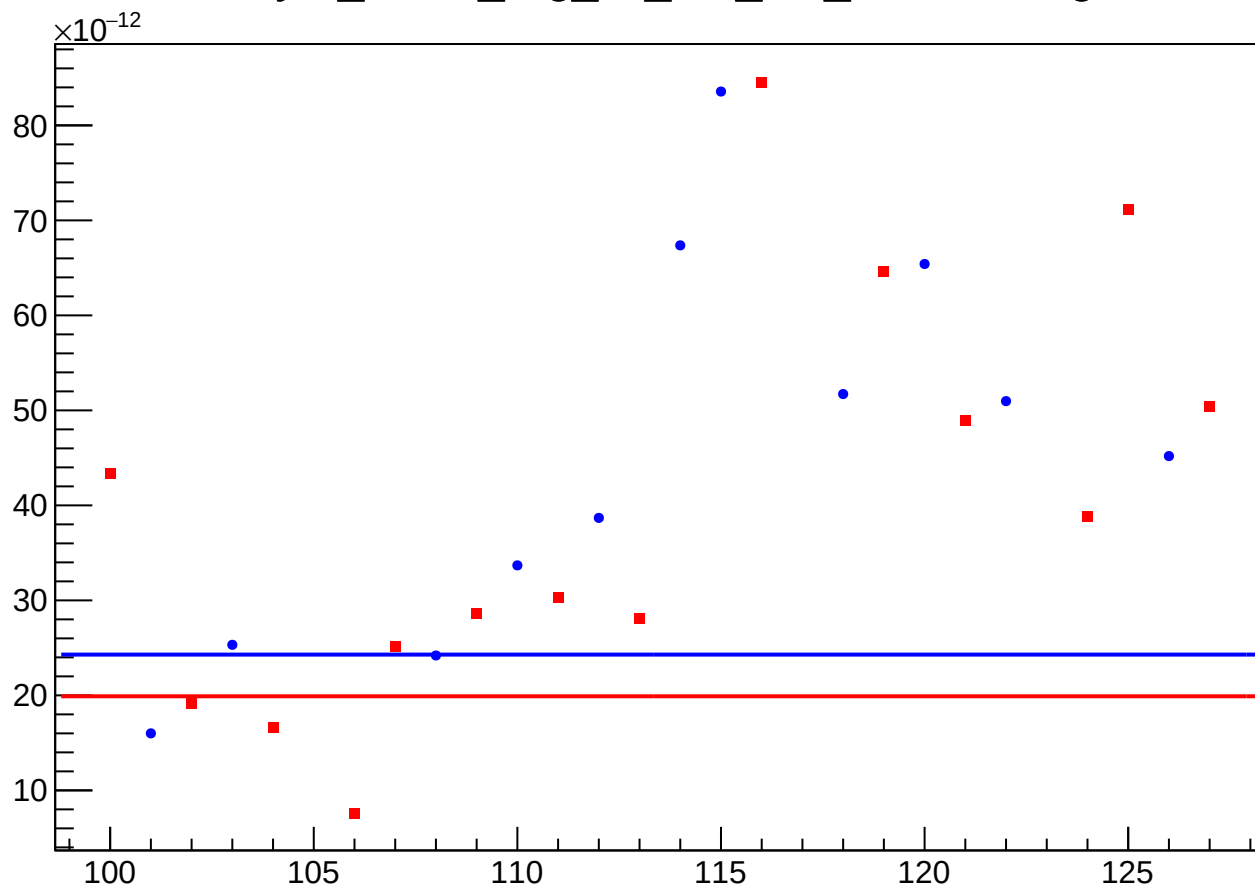
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 28.8/24

- 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 : 861158.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1501991.7/13

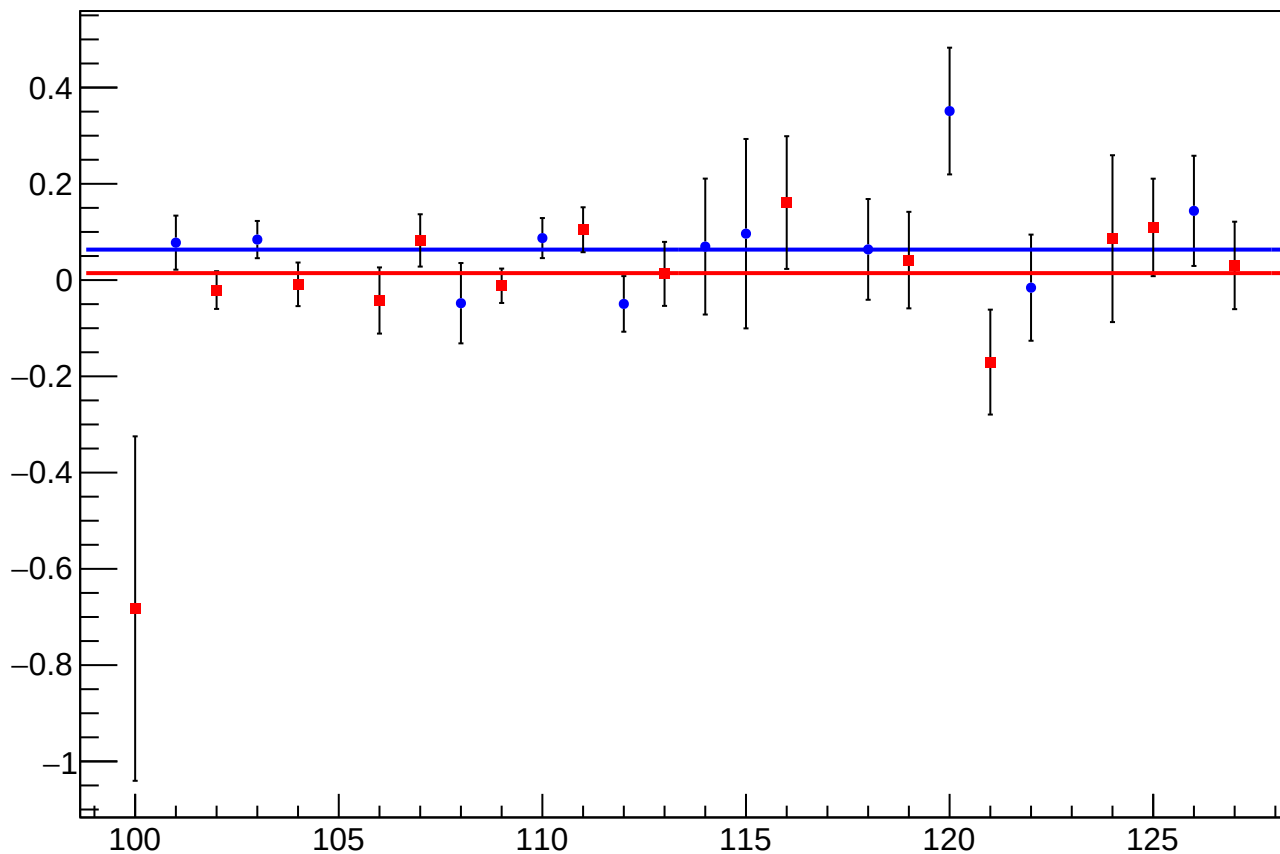
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2435600.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_dit_vs_cor_diff_mean vs Slug



Right In: 0.063 $\pm$ 0.020 χ^2 /NDF: 12.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.014 $\pm$ 0.017 χ^2 /NDF: 16.5/13

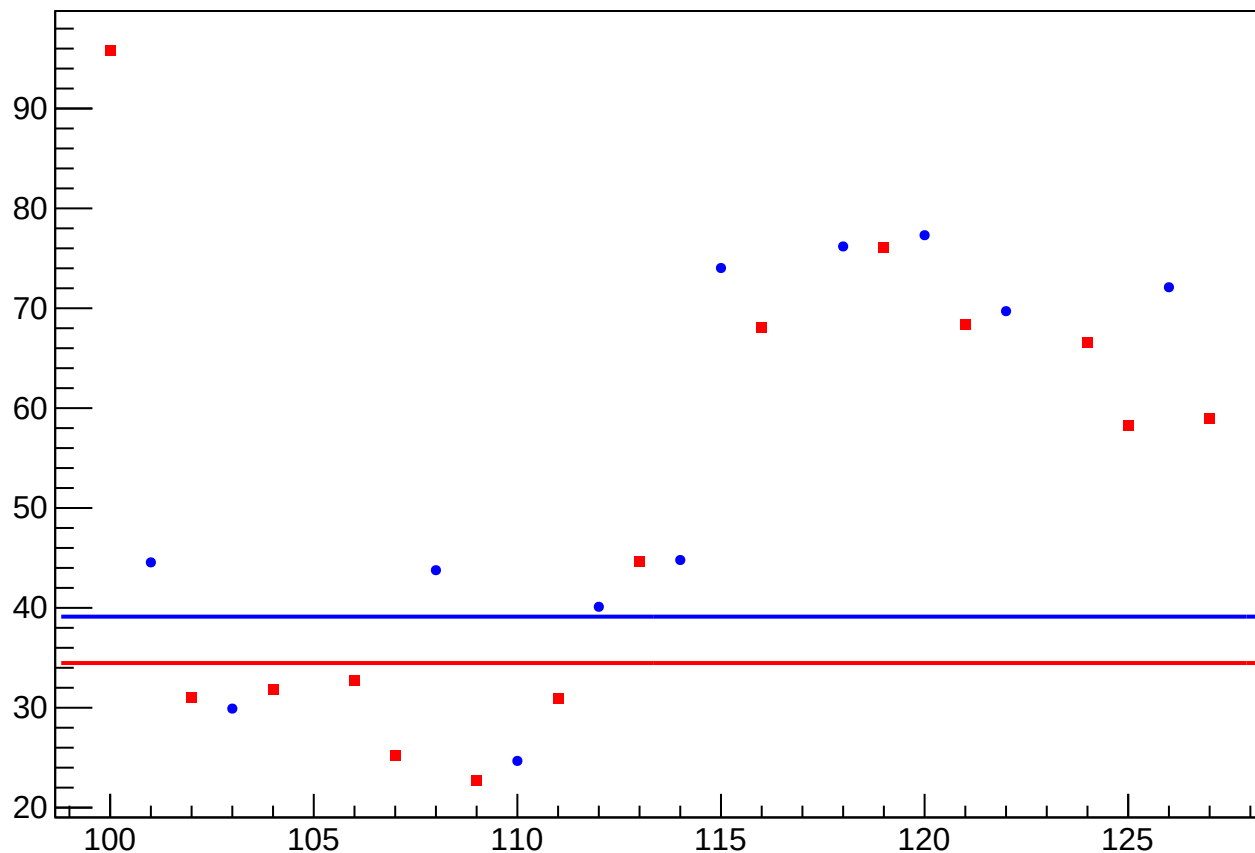
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.034 $\pm$ 0.013 χ^2 /NDF: 32.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_dit_vs_cor_diff_rms vs Slug



Right In: 39.121+/-0.014 χ^2/NDF : 1185037.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.477+/-0.012 χ^2/NDF : 1396792.4/13

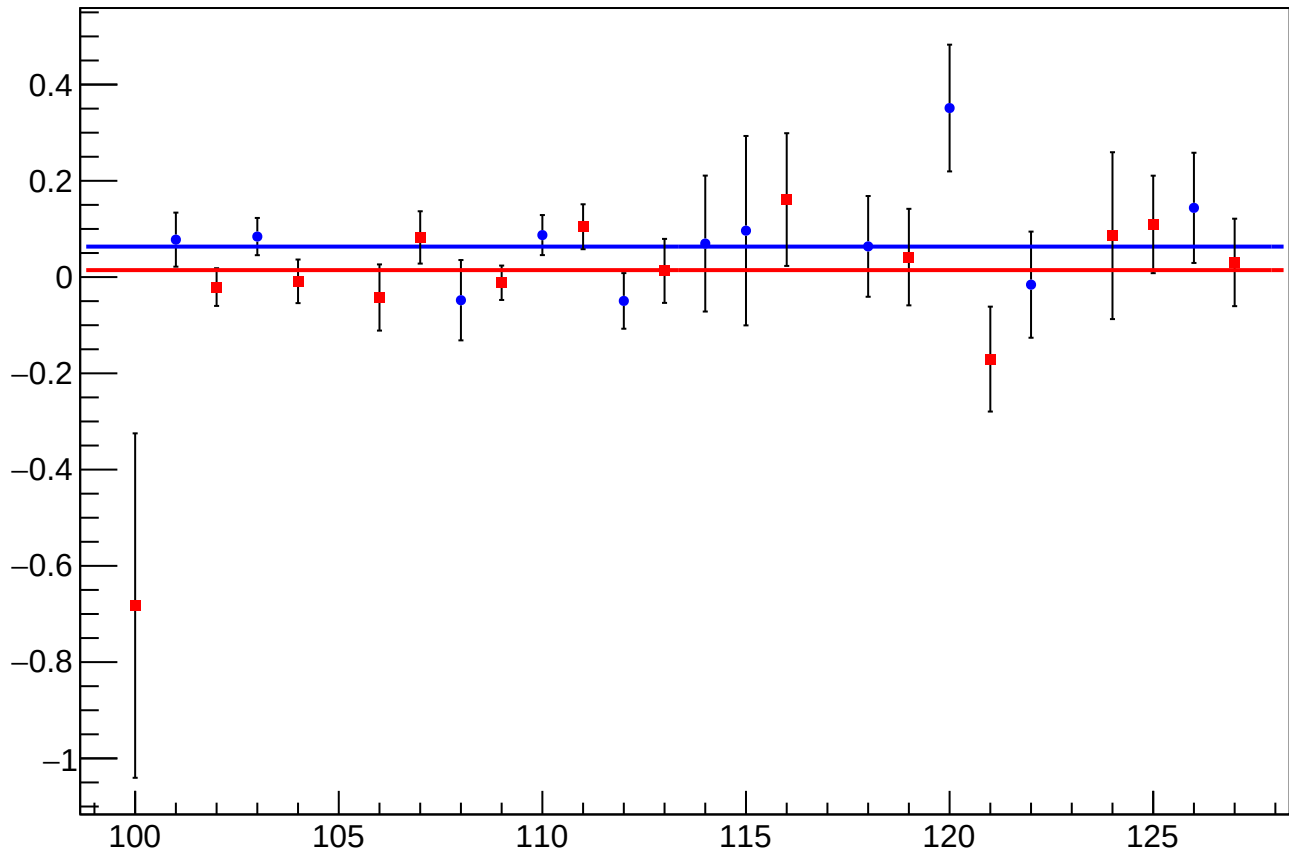
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.313+/-0.009 χ^2/NDF : 2644145.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.063 $\pm$ 0.020 χ^2 /NDF: 12.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.014 $\pm$ 0.017 χ^2 /NDF: 16.5/13

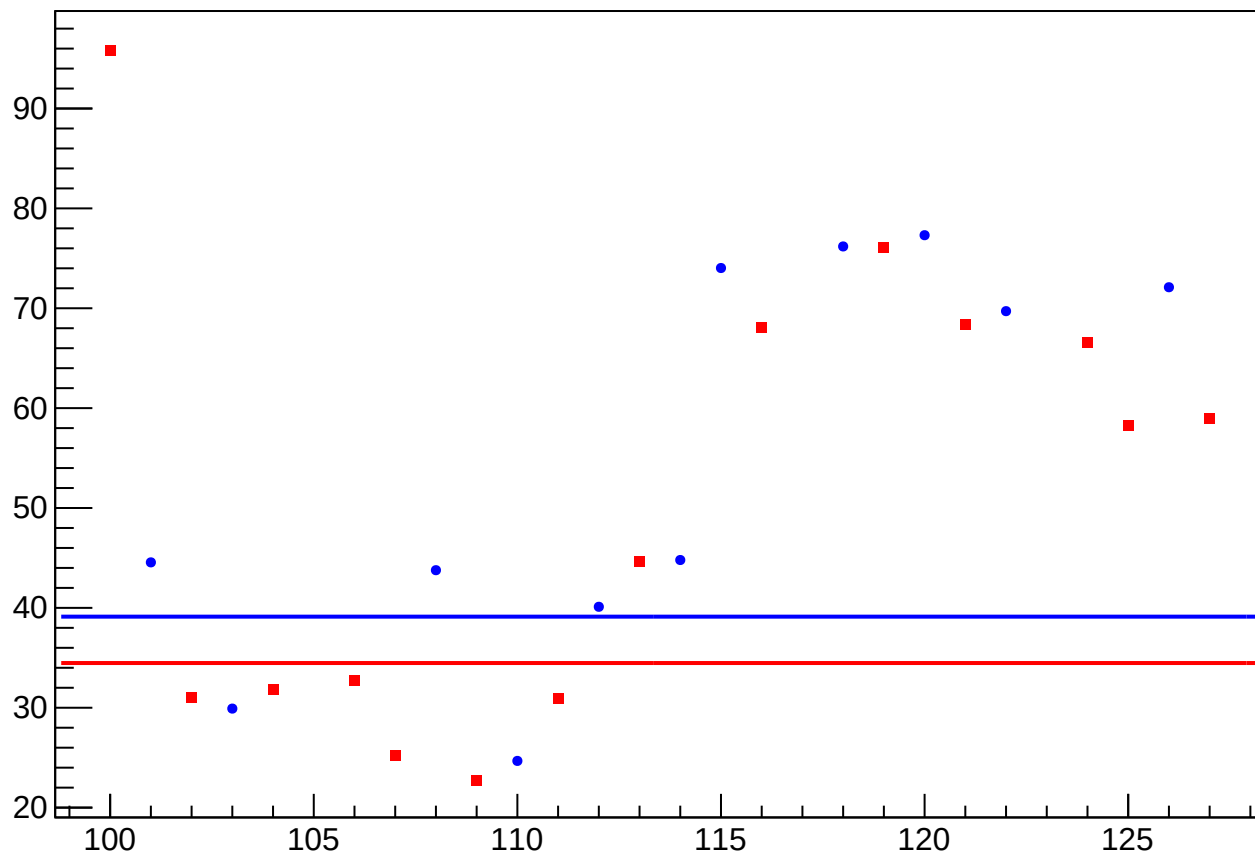
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.034 $\pm$ 0.013 χ^2 /NDF: 32.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 39.121 $\pm$ 0.014 χ^2 /NDF: 1185037.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 34.477 $\pm$ 0.012 χ^2 /NDF: 1396792.4/13

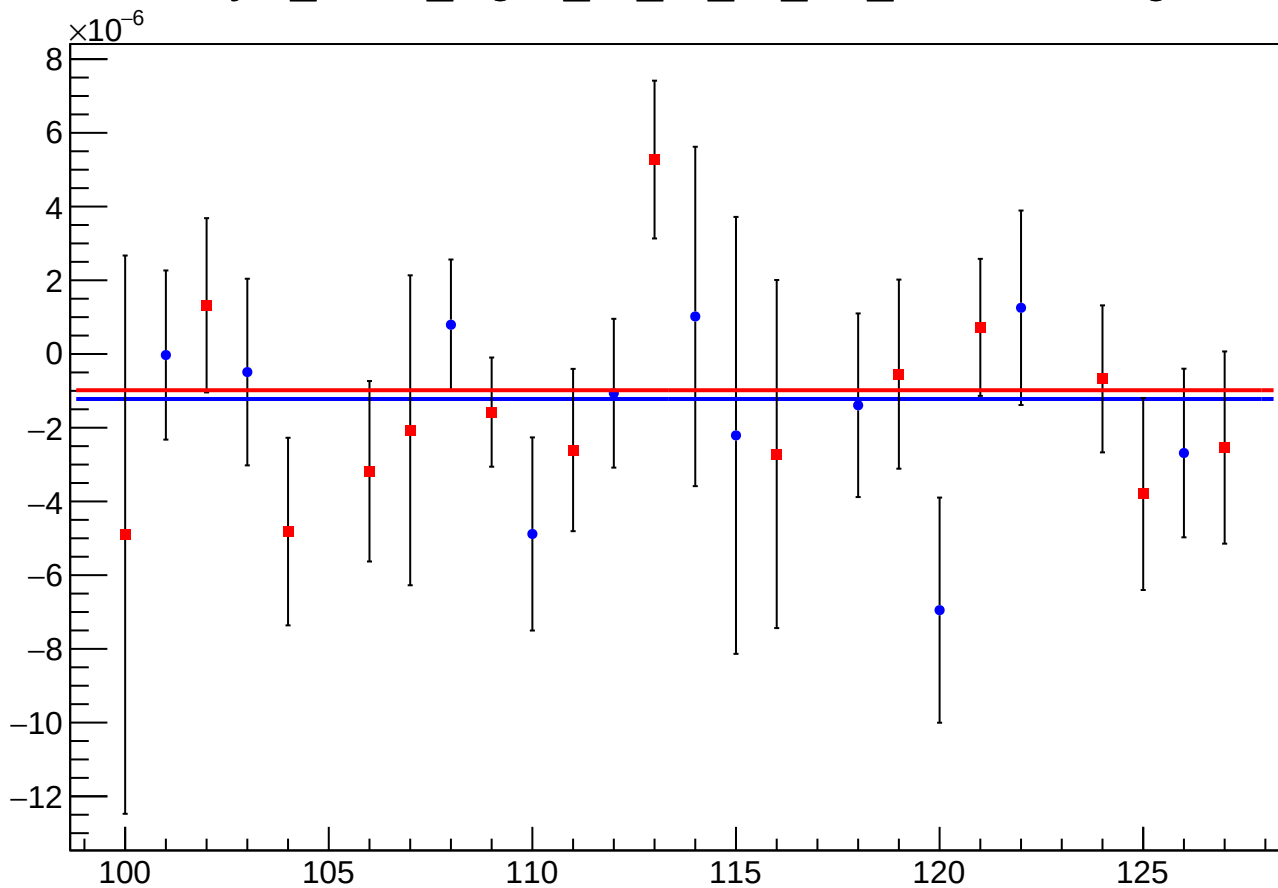
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.313 $\pm$ 0.009 χ^2 /NDF: 2644145.7/24

- 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 : 8.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.2/13

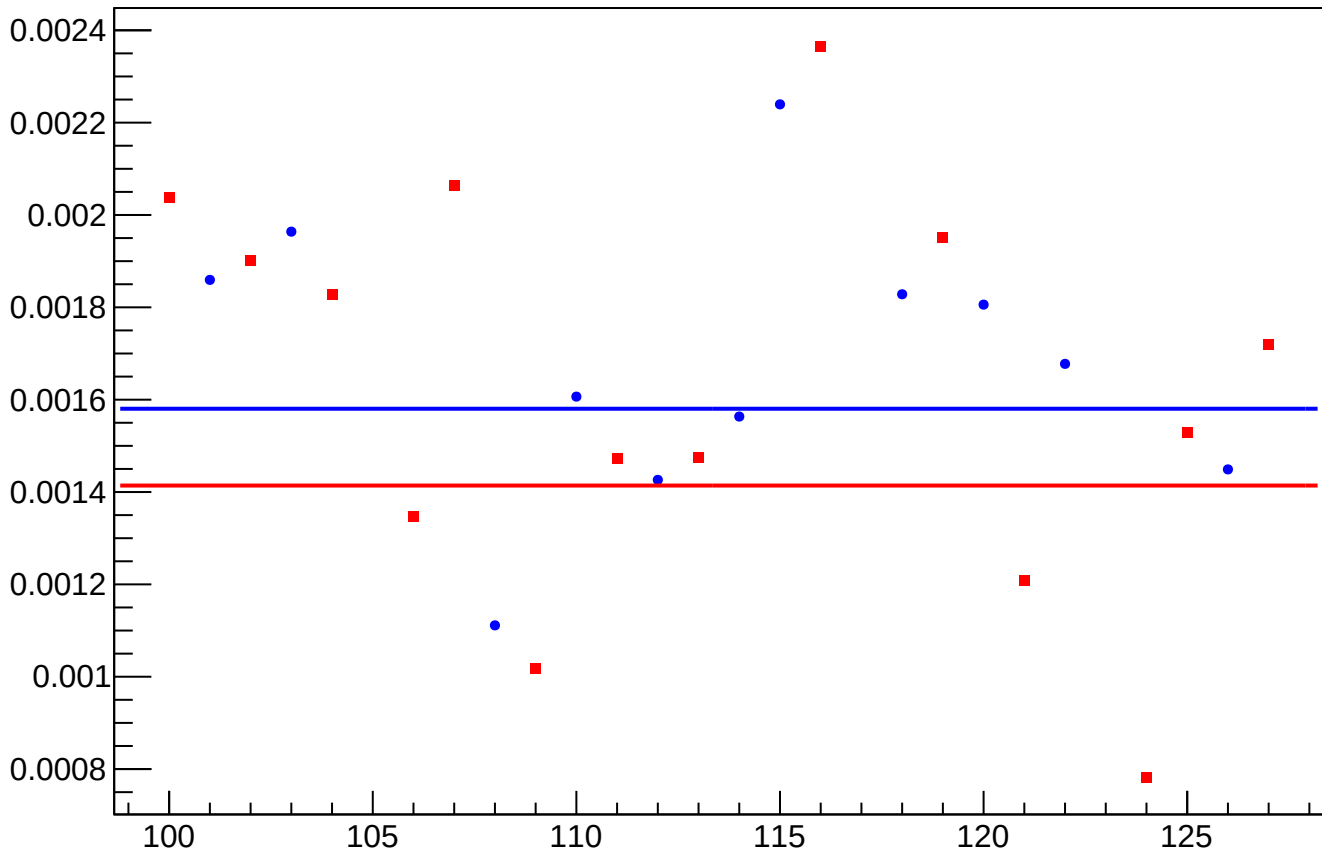
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.9/24

- 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+/-0.000 χ^2/NDF : 292648.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 772296.7/13

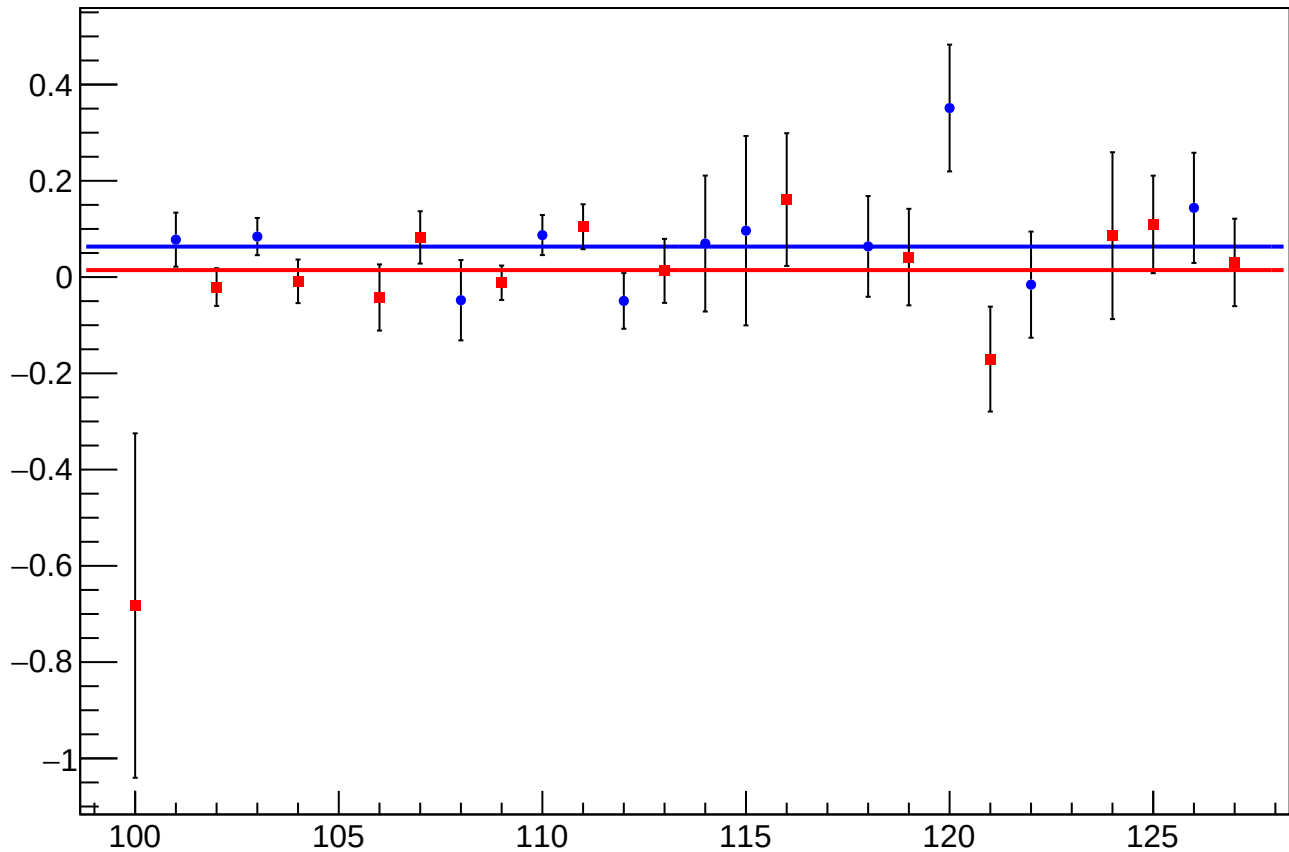
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1121509.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.063 $\pm$ 0.020 χ^2 /NDF: 12.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.014 $\pm$ 0.017 χ^2 /NDF: 16.5/13

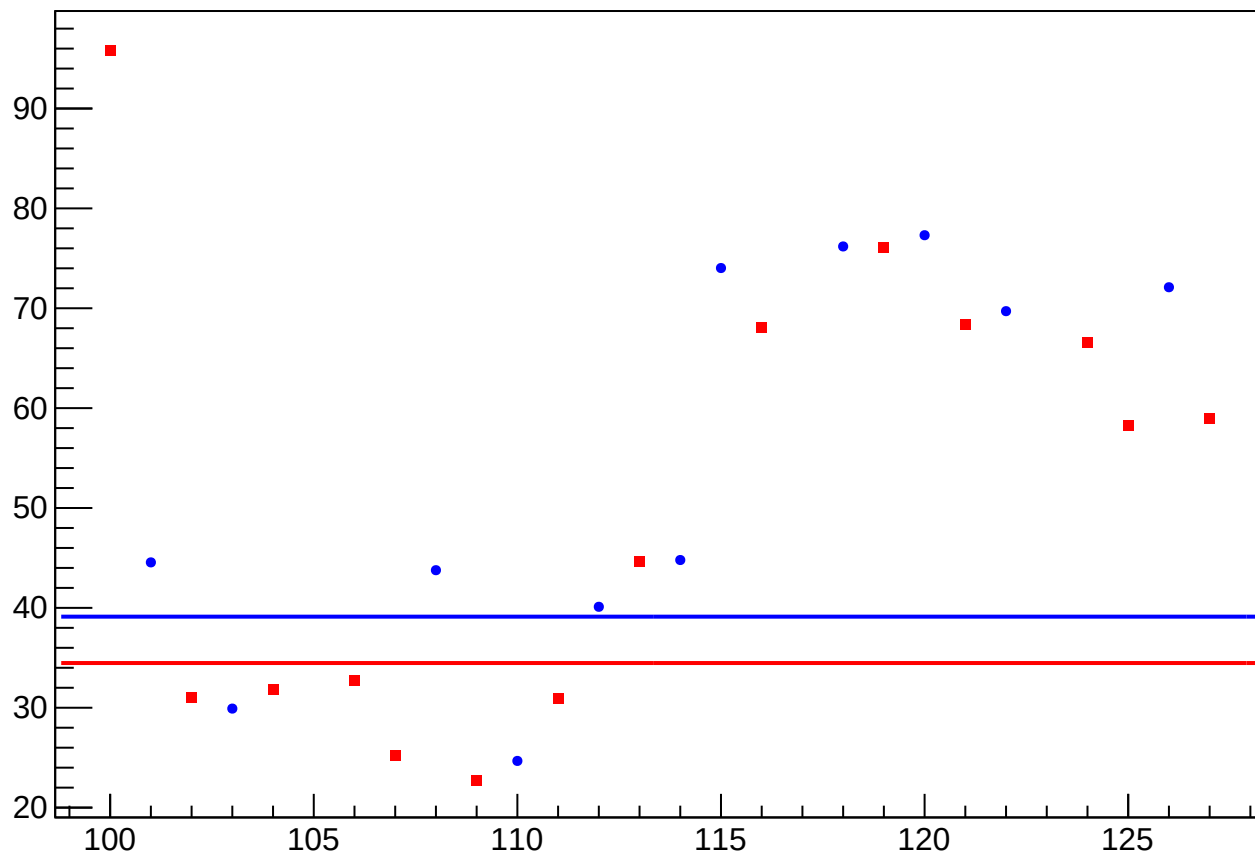
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.034 $\pm$ 0.013 χ^2 /NDF: 32.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 39.121+/-0.014 χ^2/NDF : 1185047.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.477+/-0.012 χ^2/NDF : 1396789.2/13

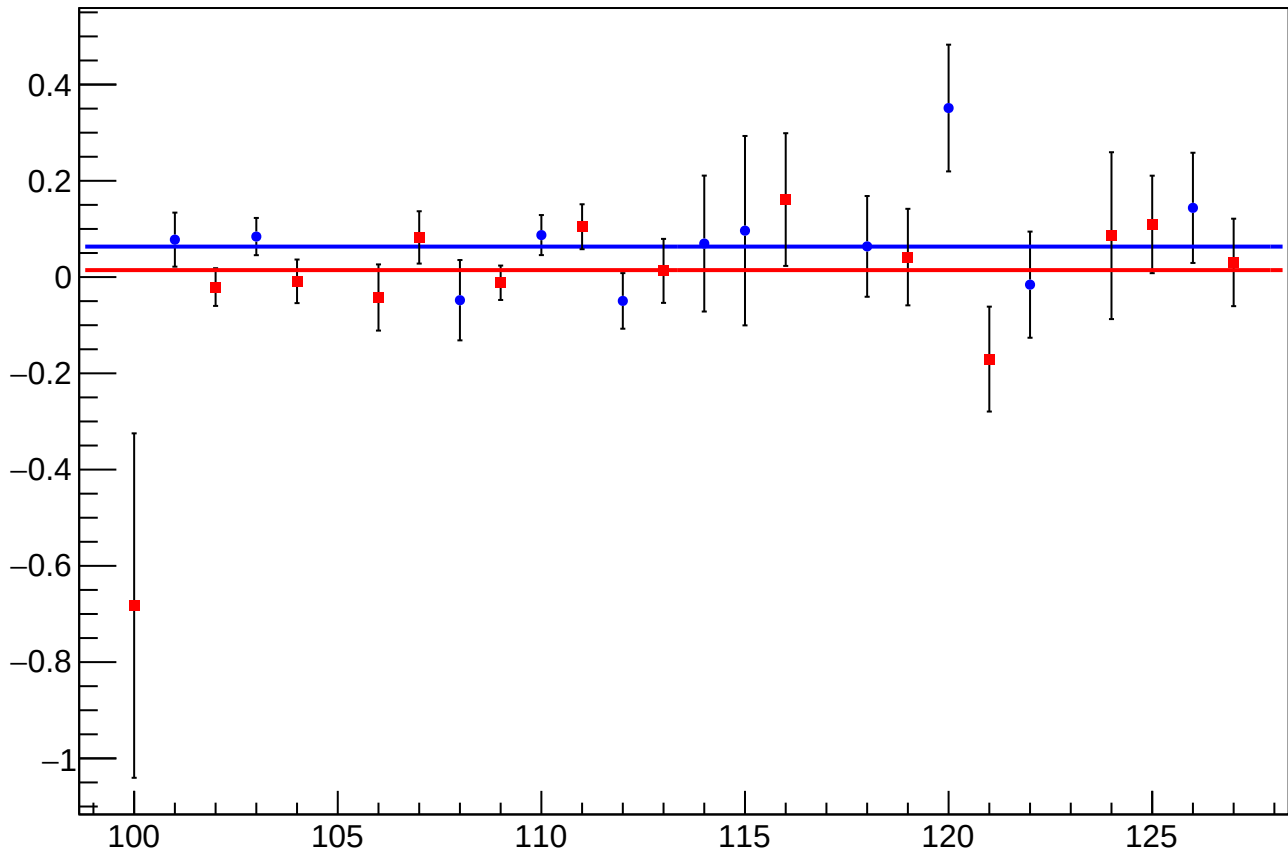
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.313+/-0.009 χ^2/NDF : 2644146.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.063 $\pm$ 0.020 χ^2 /NDF: 12.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.014 $\pm$ 0.017 χ^2 /NDF: 16.5/13

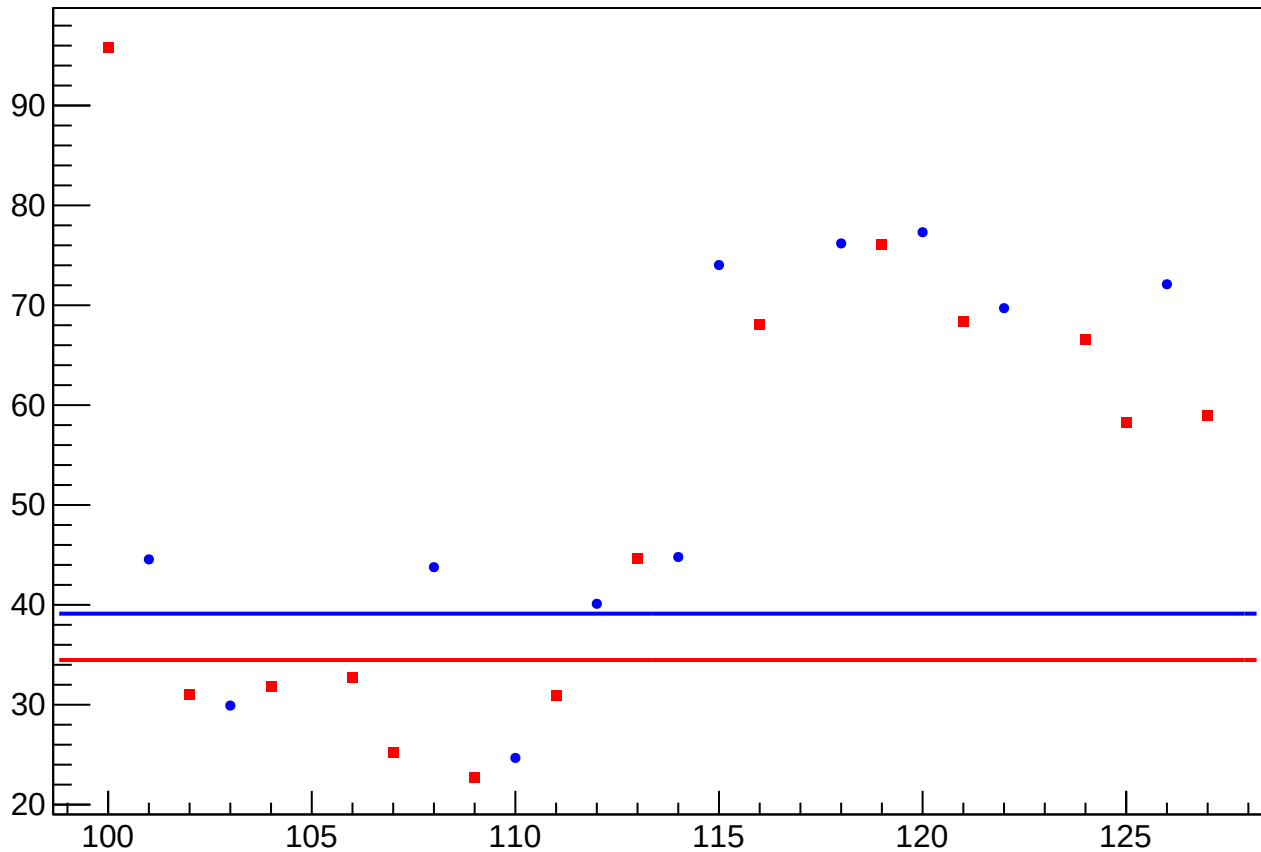
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.034 $\pm$ 0.013 χ^2 /NDF: 32.1/24

- 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: 39.121+/-0.014 χ^2/NDF : 1185047.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.477+/-0.012 χ^2/NDF : 1396789.2/13

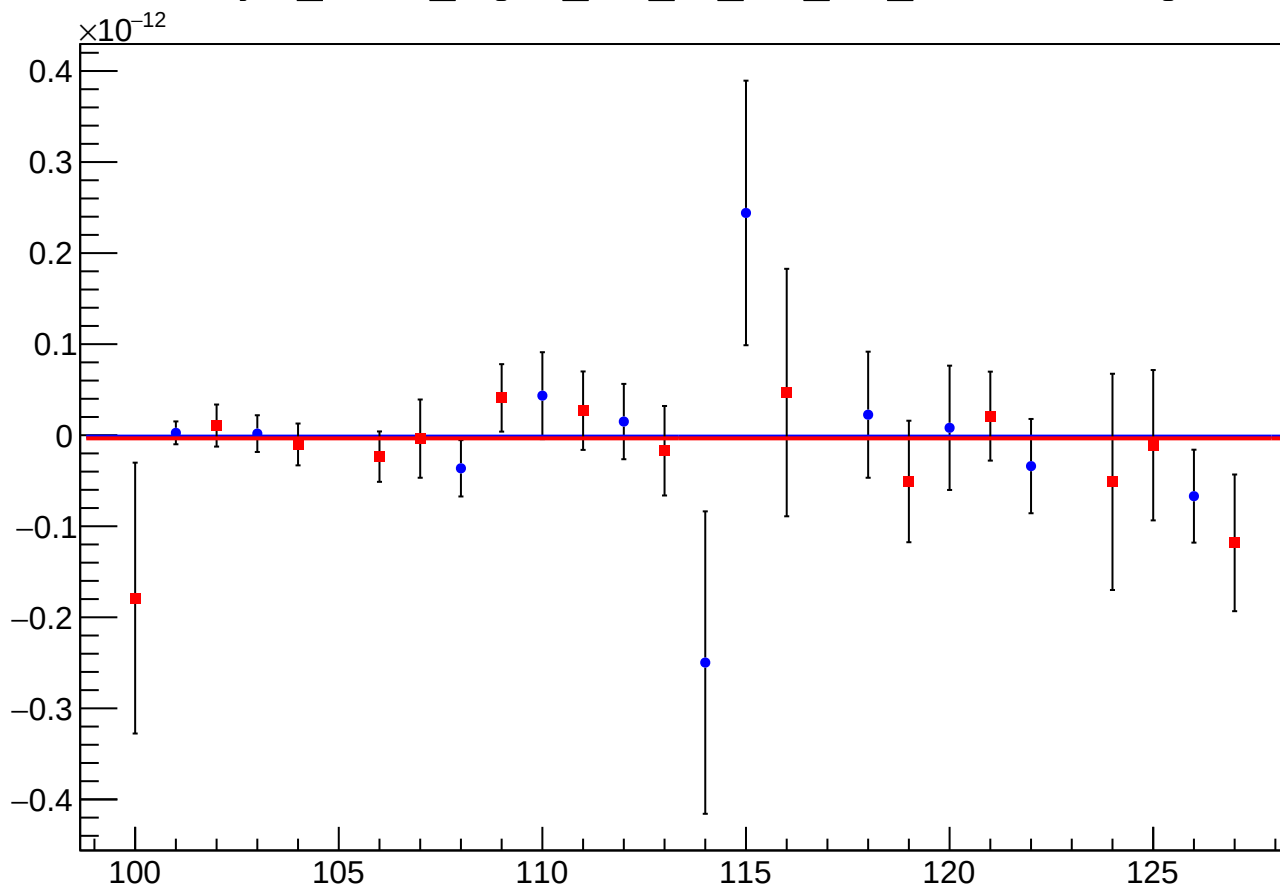
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.313+/-0.009 χ^2/NDF : 2644146.4/24

- sign 0.000+/-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: 9.7/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 7.8/13

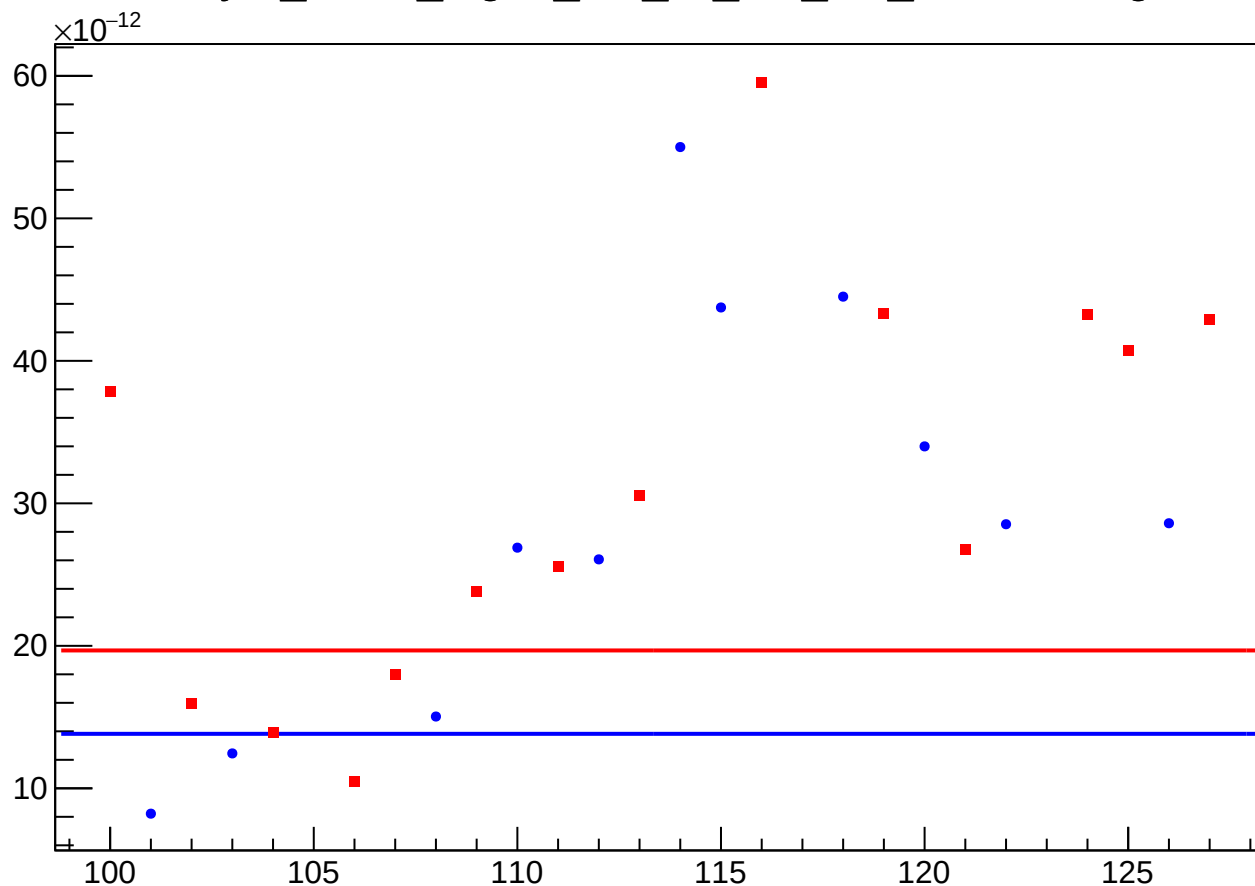
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 17.5/24

- 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 : 1840684.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1457865.0/13

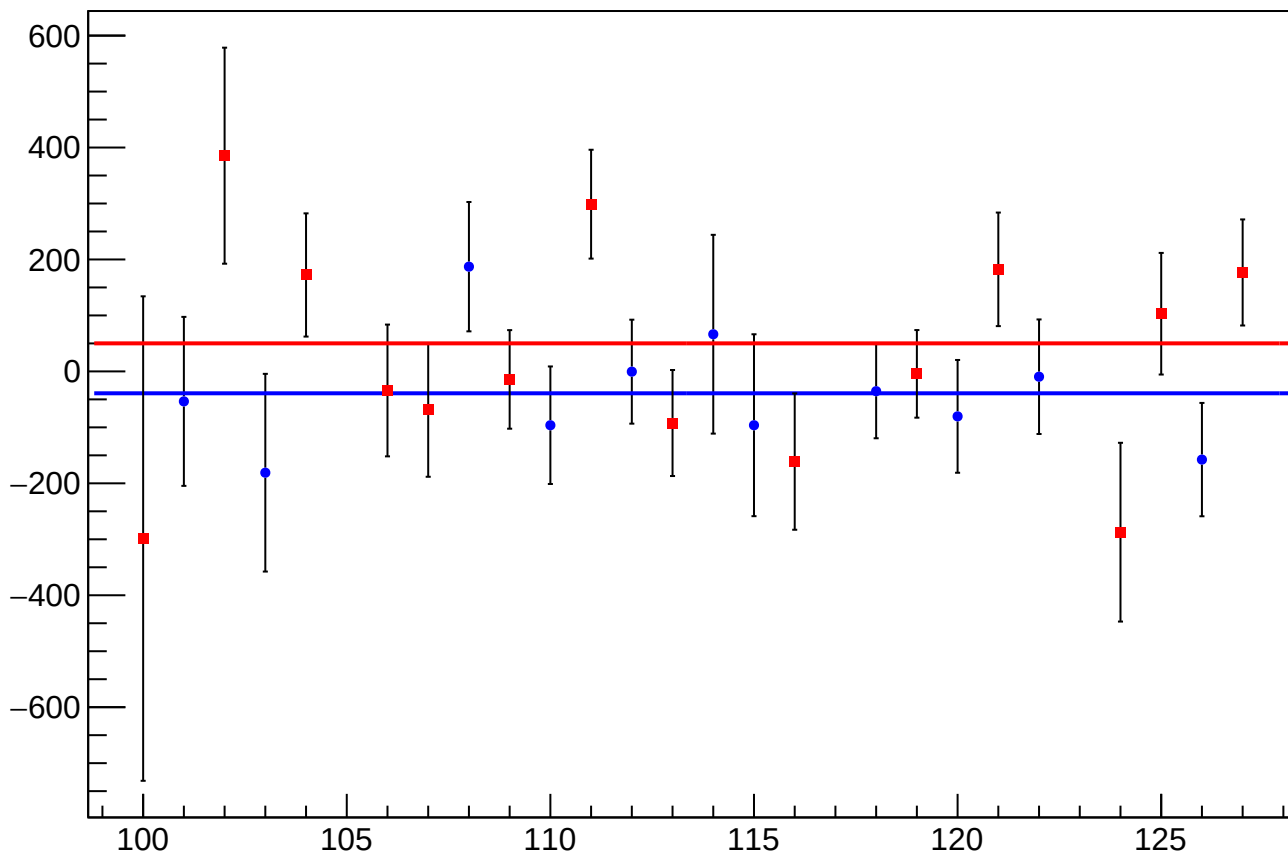
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3639456.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_mean vs Slug



Right In: -39.125 ± 34.107 χ^2/NDF : 7.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 50.102 ± 29.283 χ^2/NDF : 27.4/13

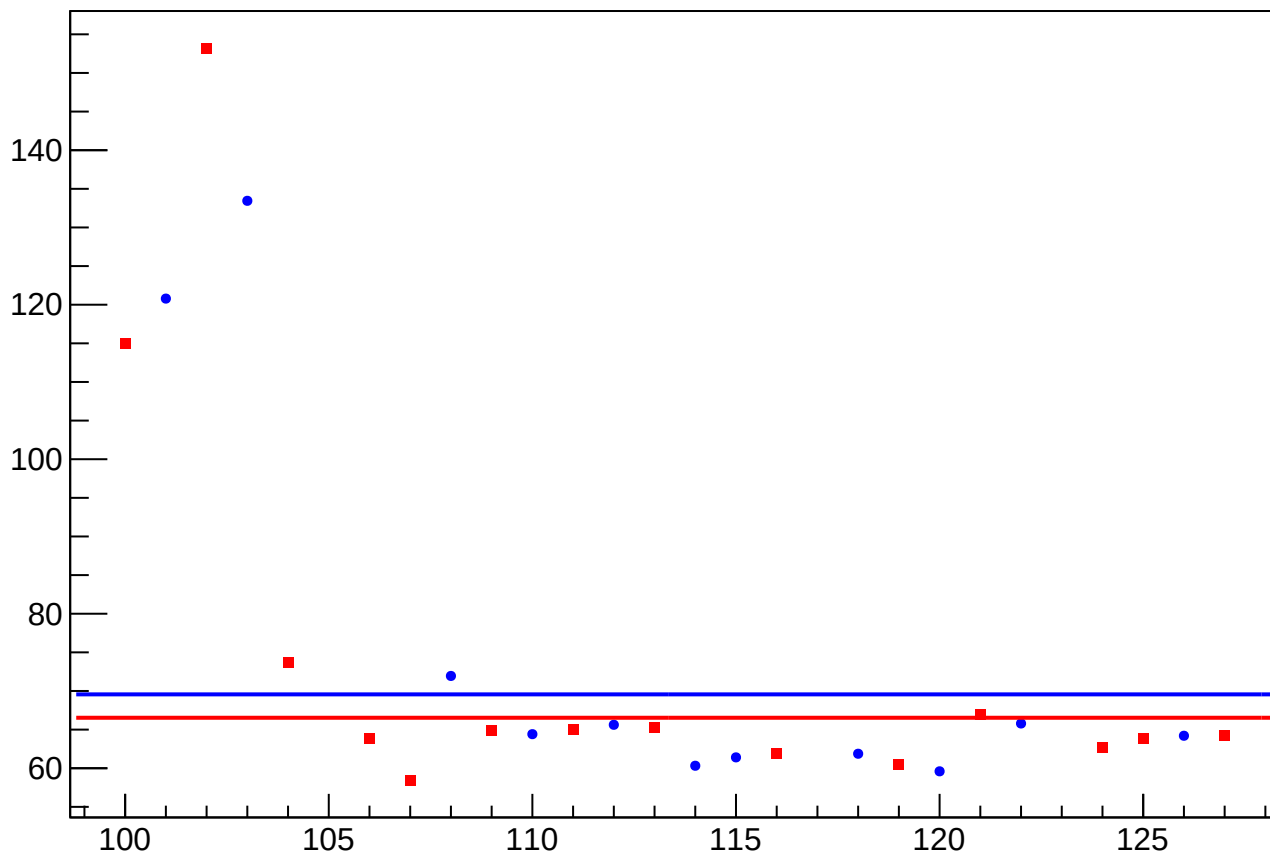
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 12.239 ± 22.218 χ^2/NDF : 38.4/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_rms vs Slug



Right In: 69.562 $\pm$ 0.024 χ^2 /NDF: 556175.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 66.534 $\pm$ 0.021 χ^2 /NDF: 466413.6/13

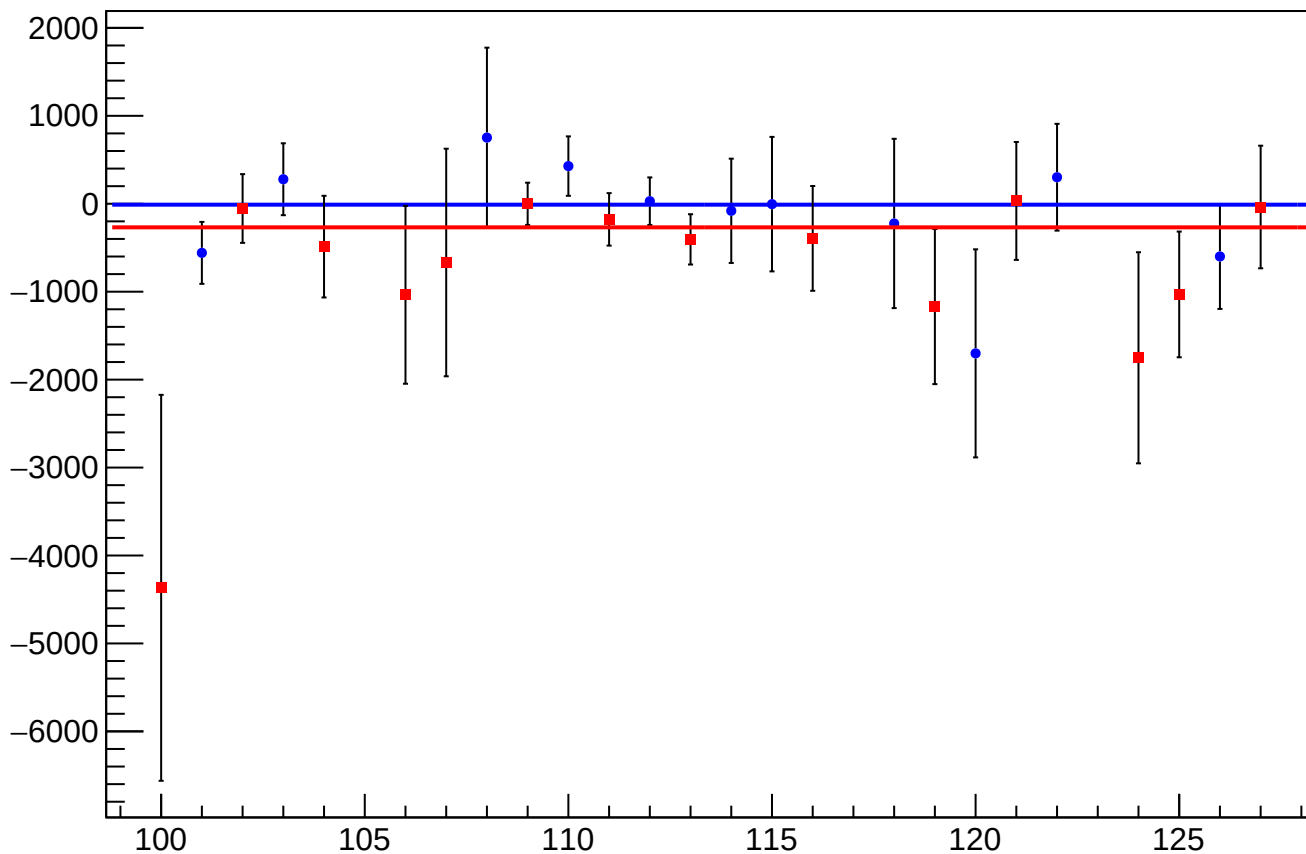
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 67.819 $\pm$ 0.016 χ^2 /NDF: 1031659.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_reg_correction_mean vs Slug



Right In: -10.500 ± 142.379 χ^2/NDF : 8.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -268.136 ± 125.819 χ^2/NDF : 10.2/13

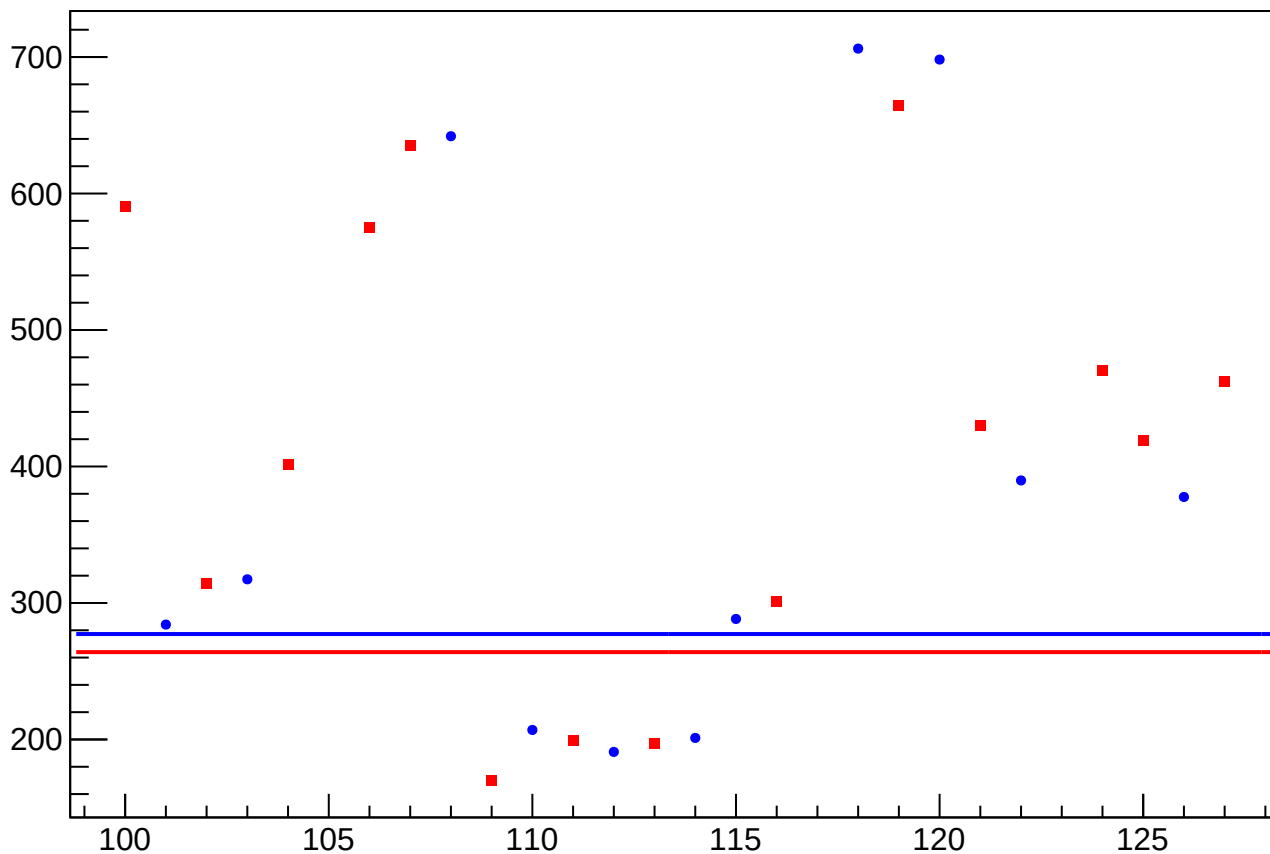
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -155.166 ± 94.281 χ^2/NDF : 20.6/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam7_reg_correction_rms vs Slug



Right In: 277.243+/-0.101 χ^2/NDF : 1374211.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 264.008+/-0.089 χ^2/NDF : 1913199.5/13

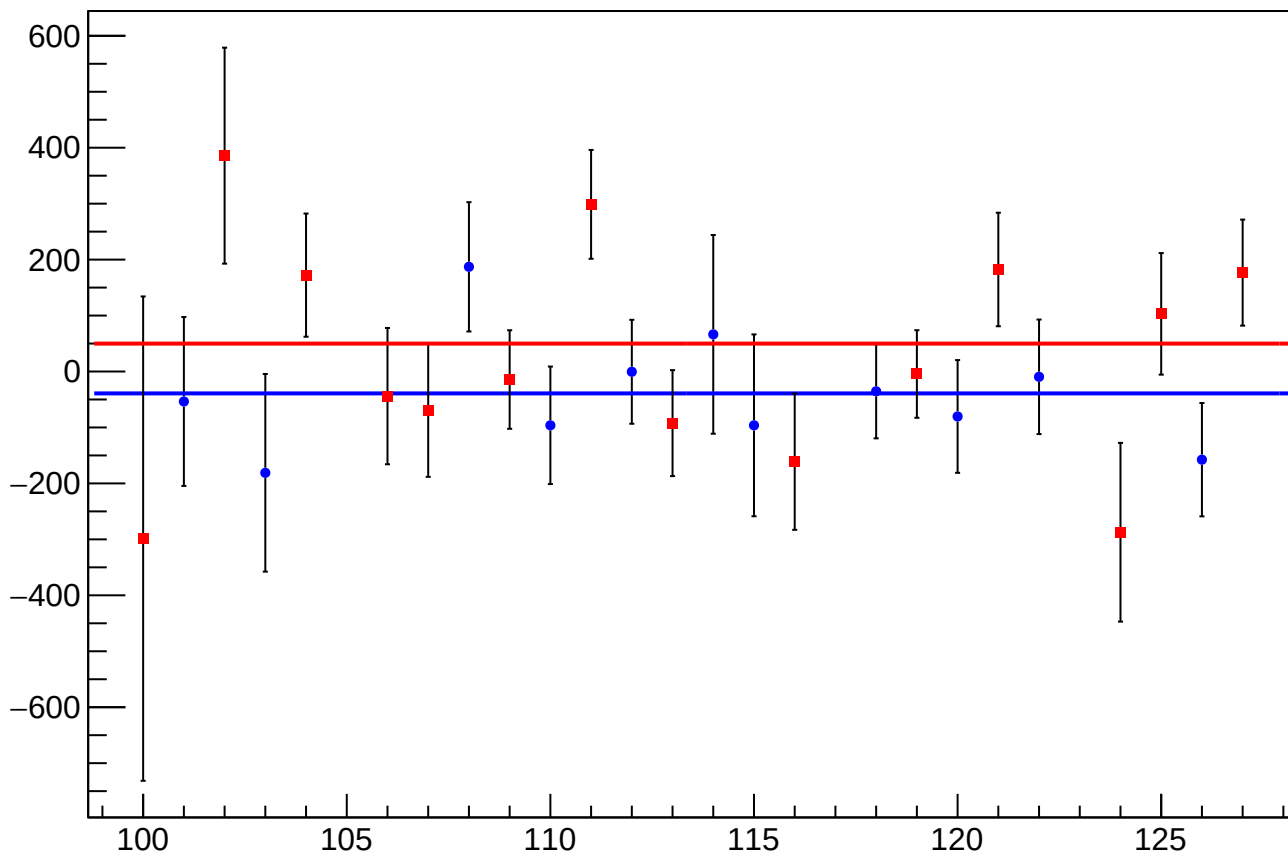
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 269.811+/-0.067 χ^2/NDF : 3297115.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam7_mean vs Slug



Right In: -39.126 ± 34.107 χ^2/NDF : 7.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 49.872 ± 29.343 χ^2/NDF : 27.5/13

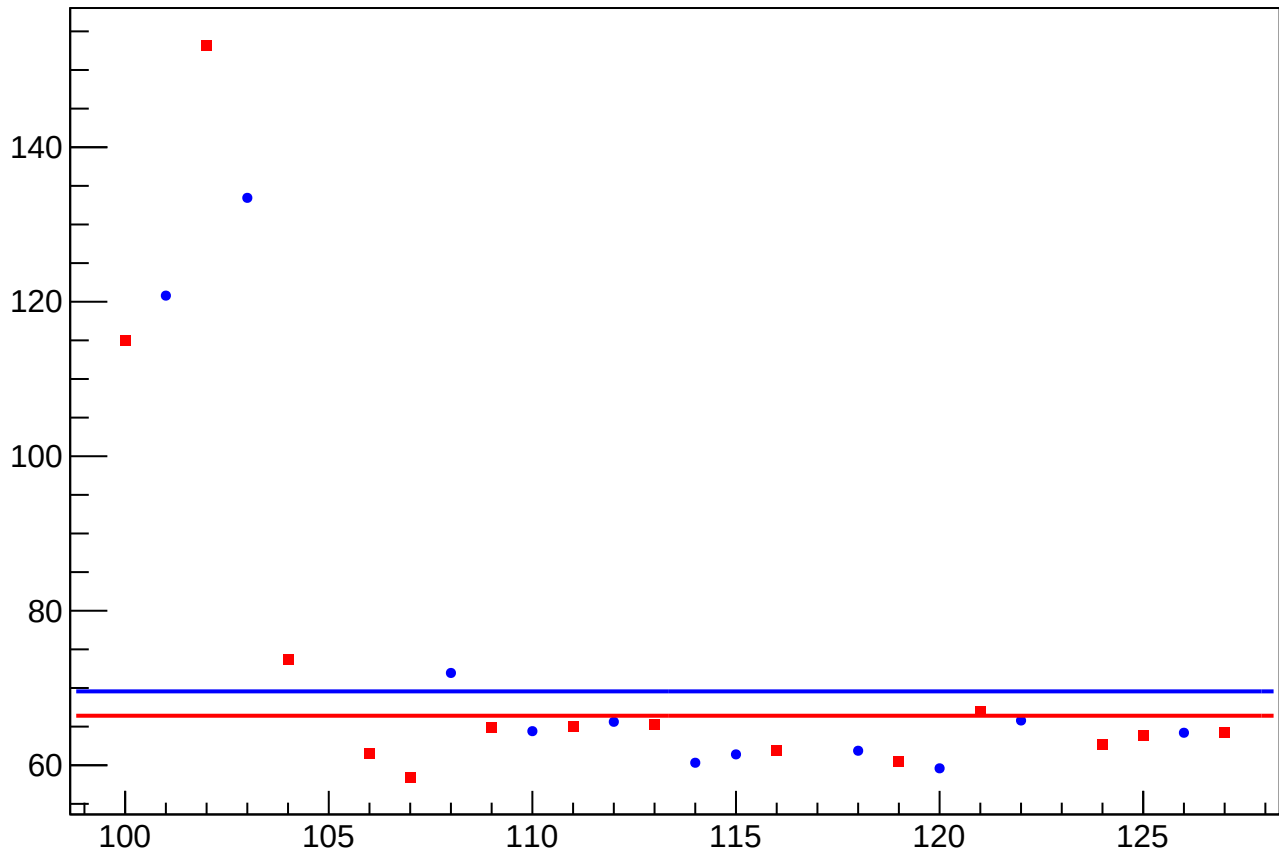
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 12.017 ± 22.244 χ^2/NDF : 38.5/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_sam7_rms vs Slug



Right In: 69.562 $\pm$ 0.024 χ^2 /NDF: 556175.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 66.408 $\pm$ 0.021 χ^2 /NDF: 468754.7/13

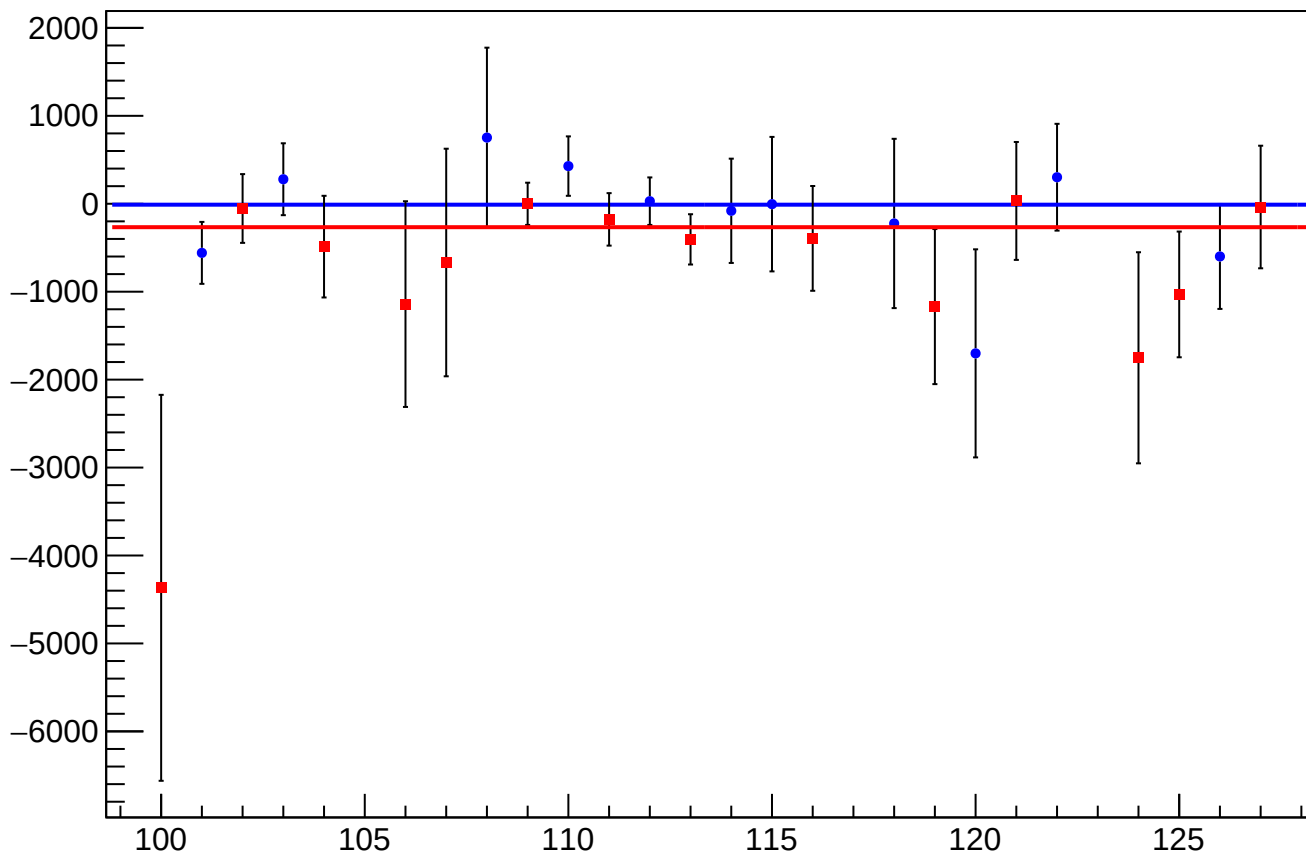
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 67.749 $\pm$ 0.016 χ^2 /NDF: 1034756.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_cor_correction_mean vs Slug



Right In: -10.495 ± 142.381 χ^2/NDF : 8.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -266.371 ± 126.071 χ^2/NDF : 10.2/13

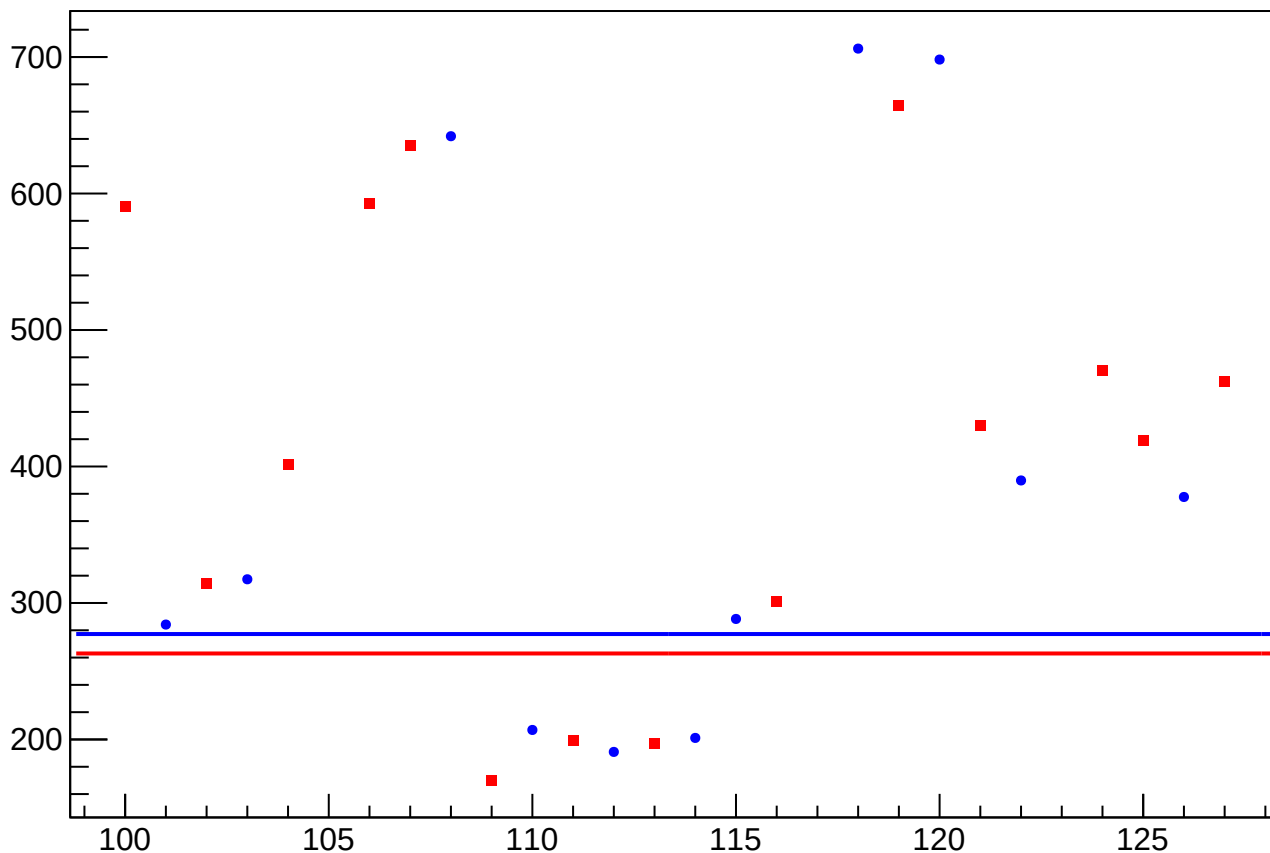
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -153.922 ± 94.388 χ^2/NDF : 20.6/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam7_cor_correction_rms vs Slug



Right In: 277.245+/-0.101 χ^2/NDF : 1374229.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 263.007+/-0.089 χ^2/NDF : 1882241.2/13

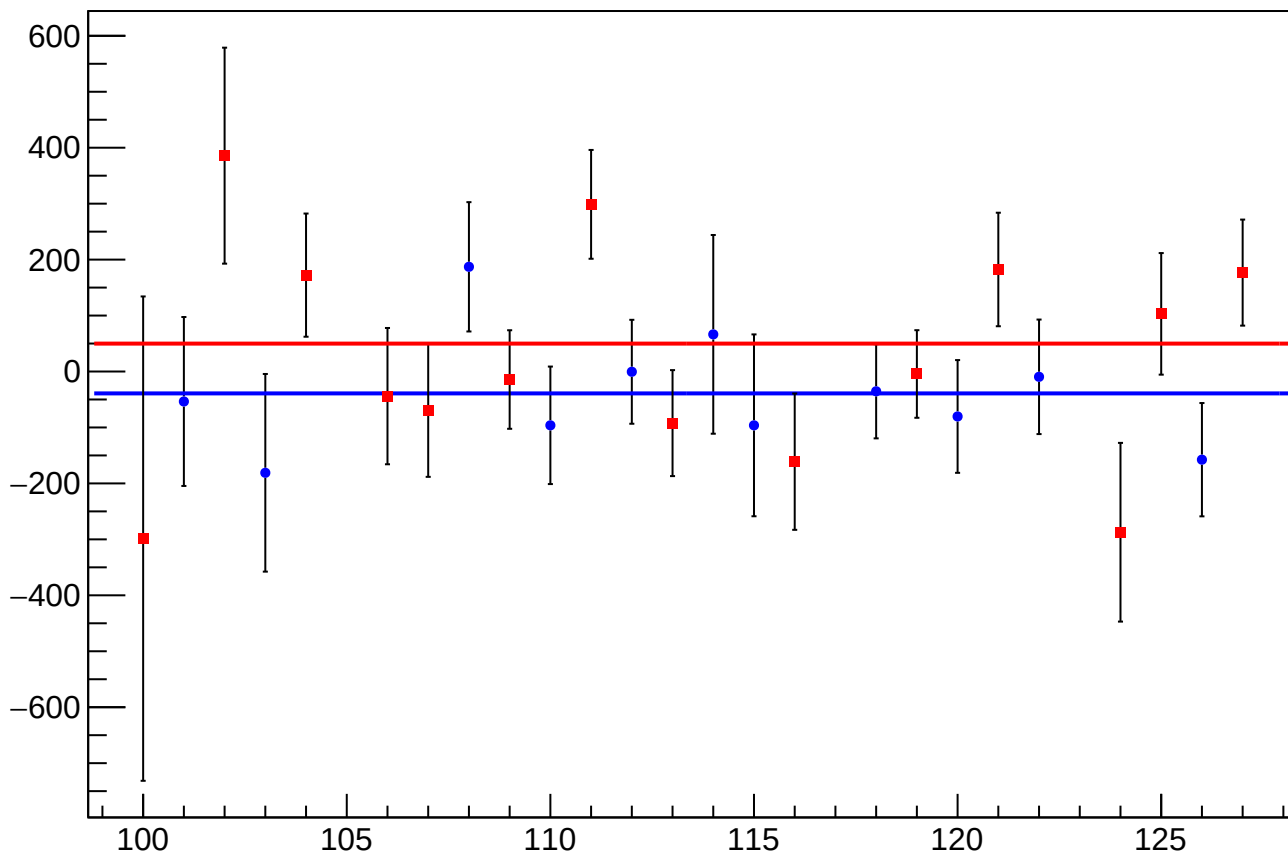
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 269.264+/-0.067 χ^2/NDF : 3267681.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam7_mean vs Slug



Right In: -39.126 ± 34.107 χ^2/NDF : 7.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 49.872 ± 29.343 χ^2/NDF : 27.5/13

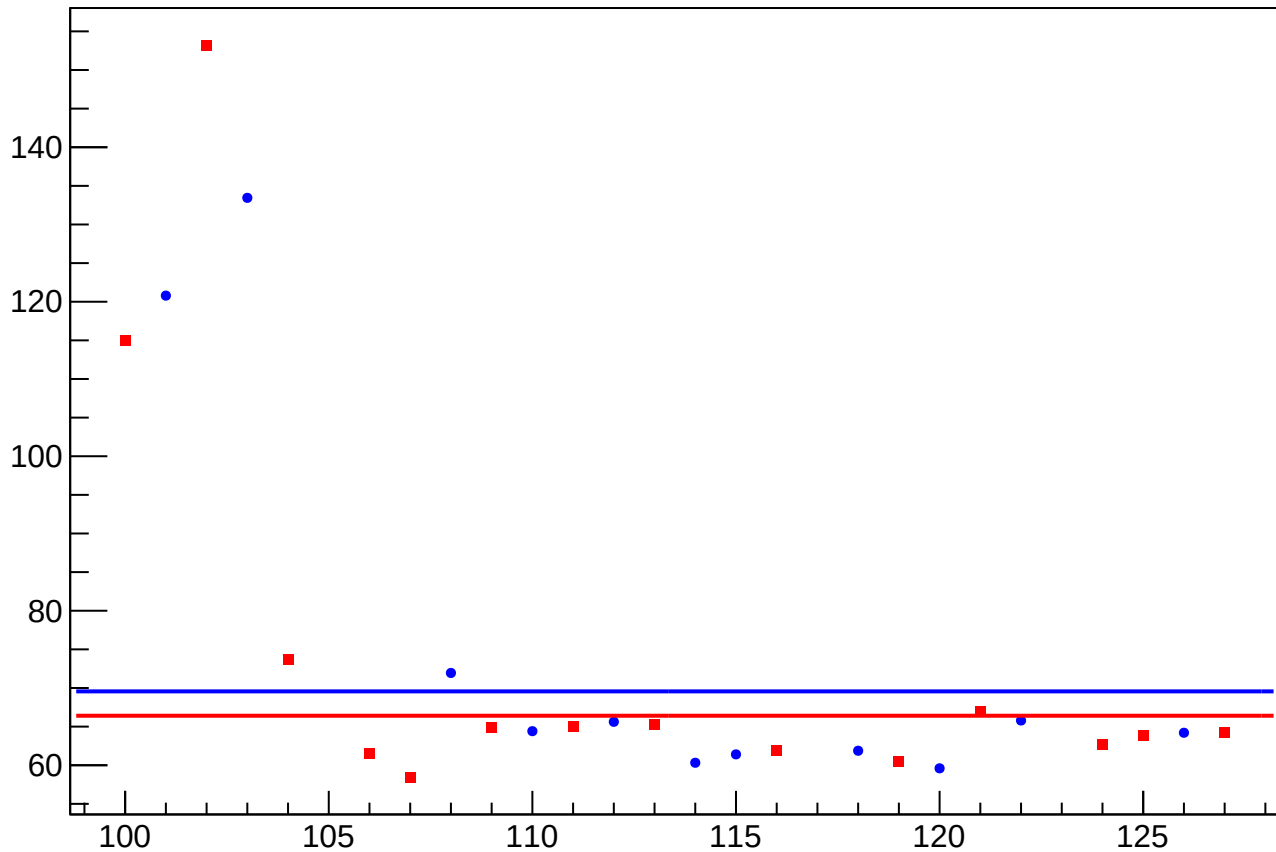
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 12.017 ± 22.244 χ^2/NDF : 38.5/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam7_rms vs Slug



Right In: 69.562 $\pm$ 0.024 χ^2 /NDF: 556175.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 66.408 $\pm$ 0.021 χ^2 /NDF: 468754.7/13

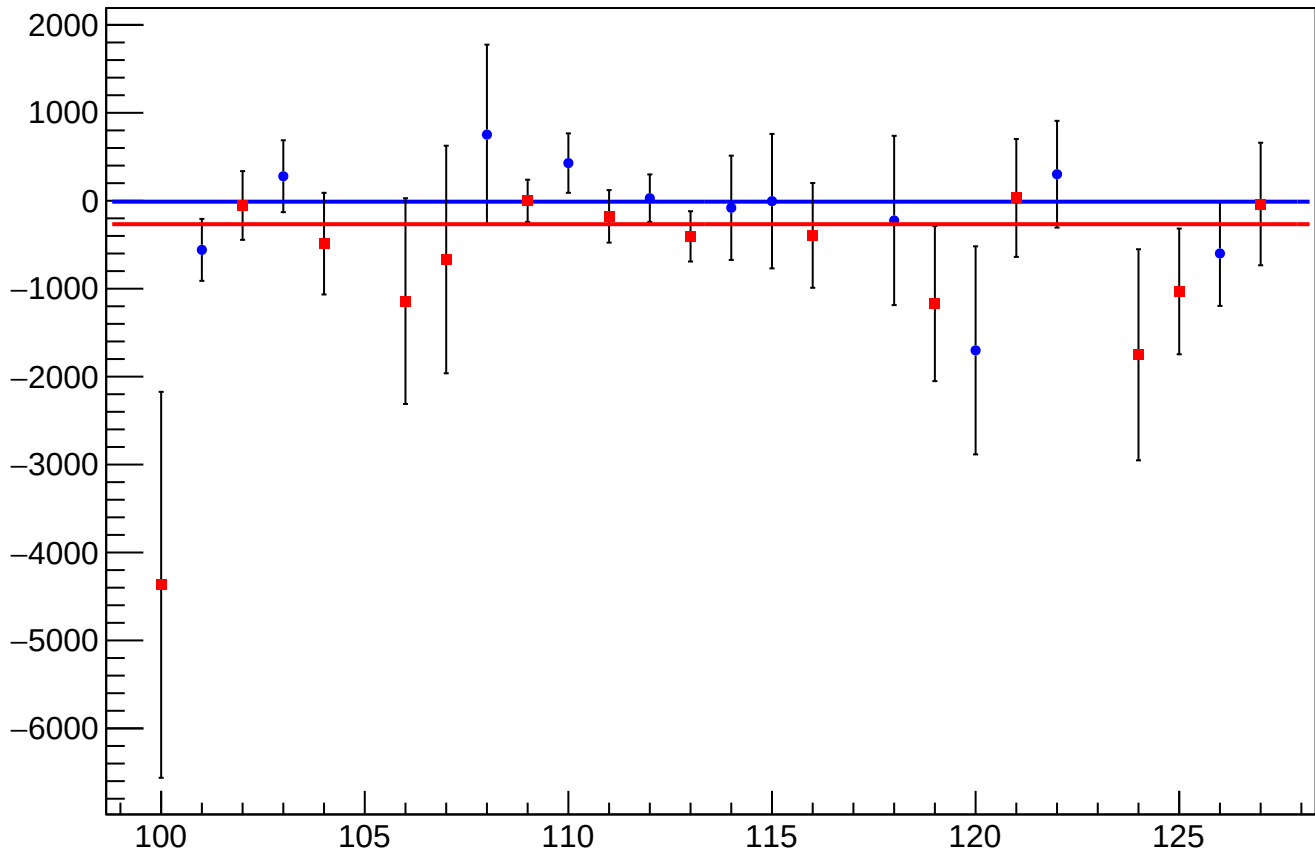
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 67.749 $\pm$ 0.016 χ^2 /NDF: 1034756.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_eigen_cor_correction_mean vs Slug



Right In: -10.495 $\pm$ 142.381 χ^2 /NDF: 8.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -266.371 $\pm$ 126.071 χ^2 /NDF: 10.2/13

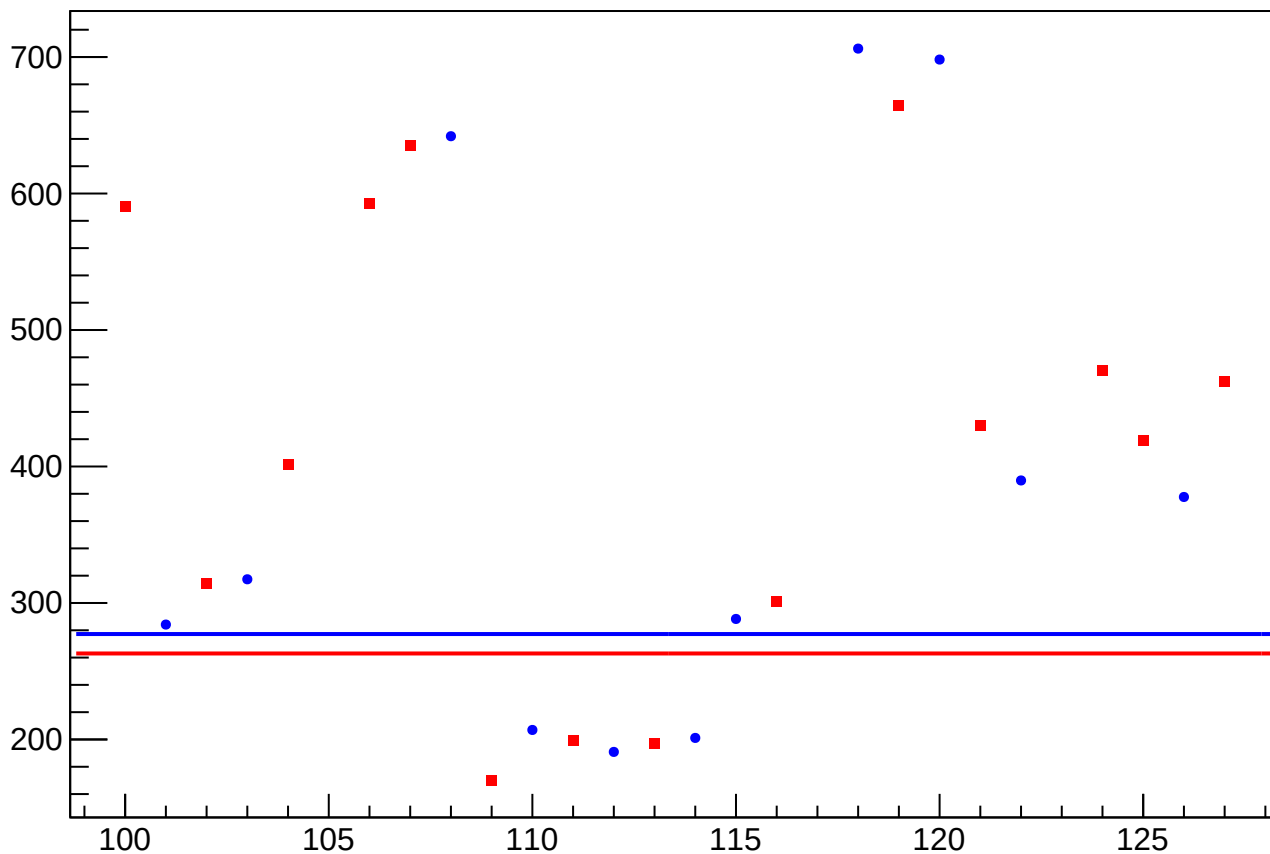
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -153.922 $\pm$ 94.388 χ^2 /NDF: 20.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_eigen_cor_correction_rms vs Slug



Right In: 277.245+/-0.101 χ^2/NDF : 1374229.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 263.007+/-0.089 χ^2/NDF : 1882241.2/13

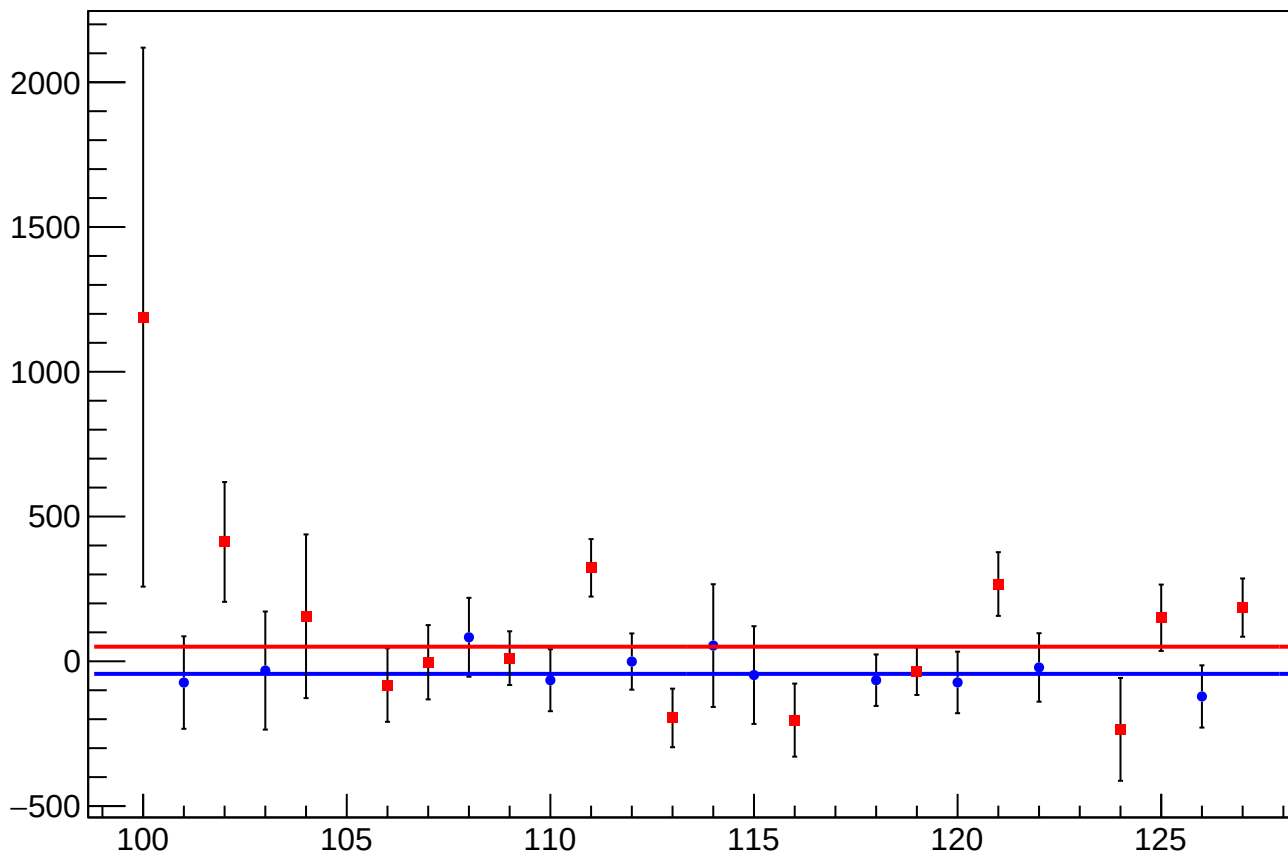
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 269.264+/-0.067 χ^2/NDF : 3267681.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam7_mean vs Slug



Right In: -43.432 $\pm$ 36.740 χ^2 /NDF: 2.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 50.447 $\pm$ 32.032 χ^2 /NDF: 33.7/13

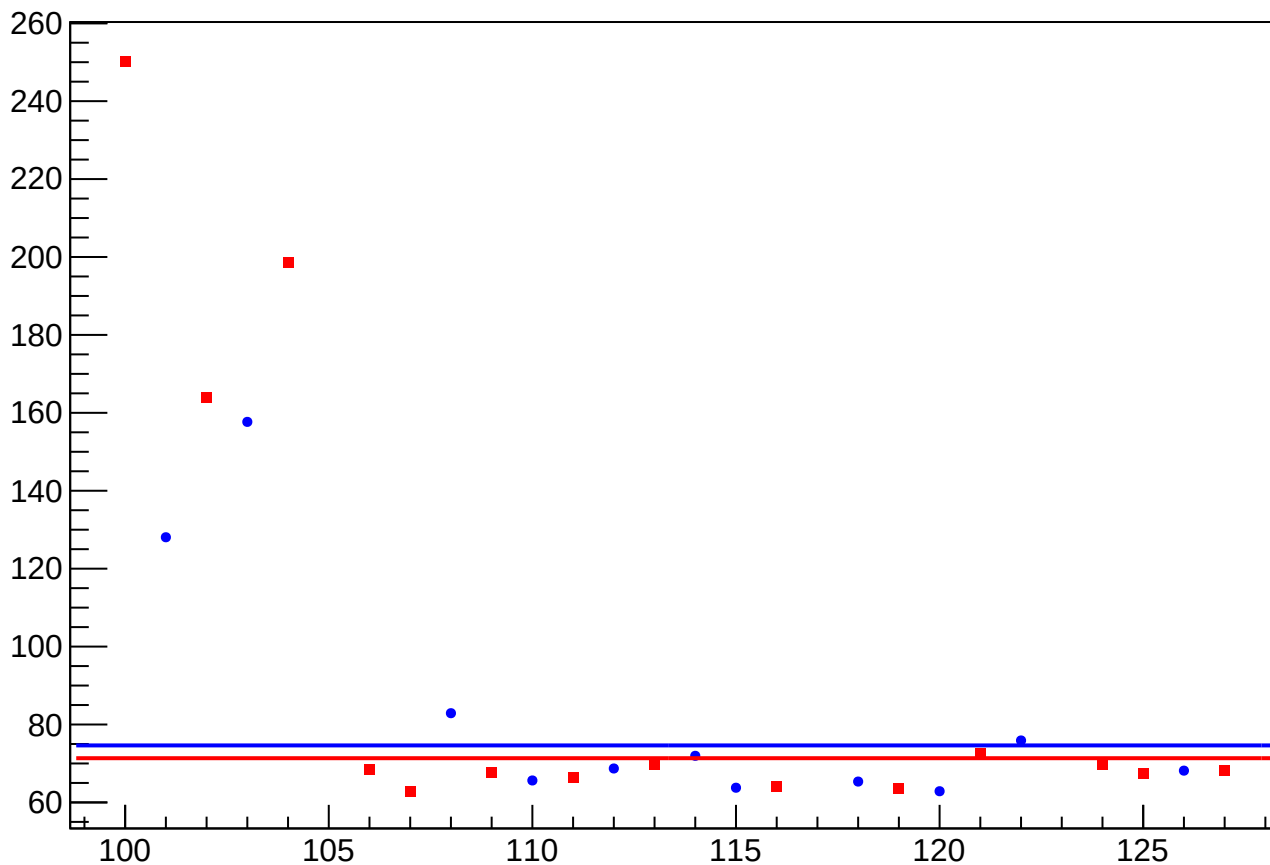
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.903 $\pm$ 24.144 χ^2 /NDF: 39.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam7_rms vs Slug



Right In: 74.632+/-0.026 χ^2/NDF : 646782.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.350+/-0.023 χ^2/NDF : 927820.4/13

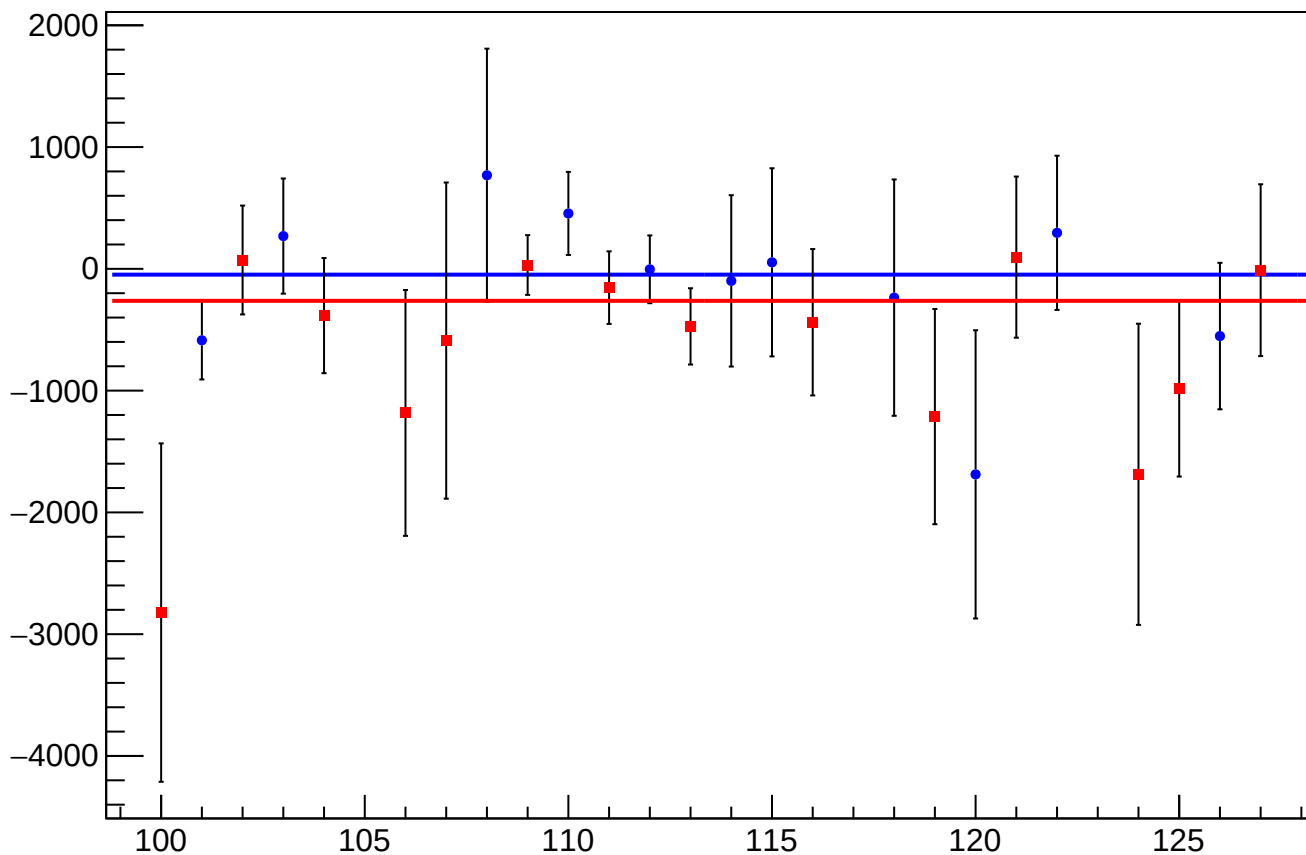
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.768+/-0.017 χ^2/NDF : 1583673.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_dit_correction_mean vs Slug



Right In: -47.599 $\pm$ 145.397 χ^2 /NDF: 9.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -262.704 $\pm$ 128.547 χ^2 /NDF: 10.9/13

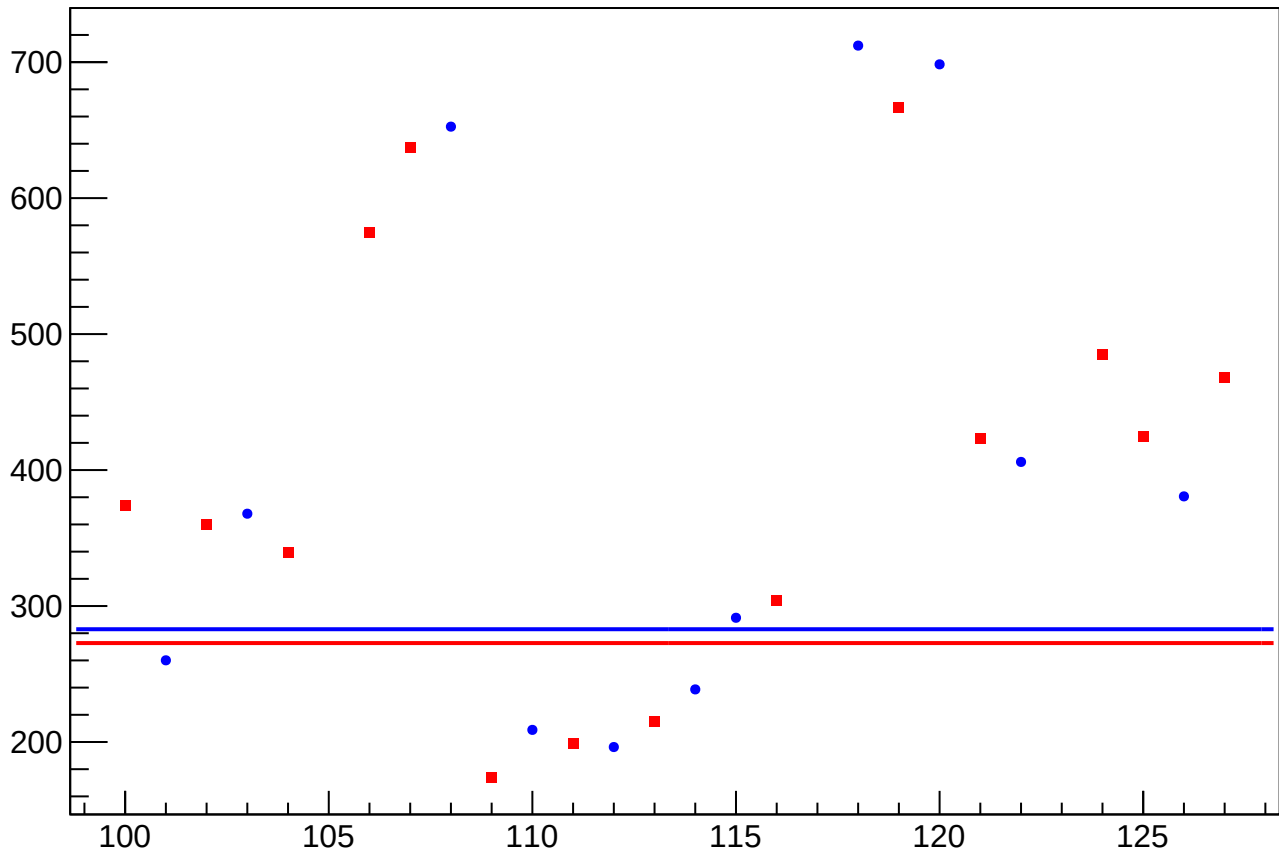
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -168.332 $\pm$ 96.305 χ^2 /NDF: 21.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_dit_correction_rms vs Slug



Right In: 282.938+/-0.103 χ^2/NDF : 1389864.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 272.756+/-0.091 χ^2/NDF : 1782487.7/13

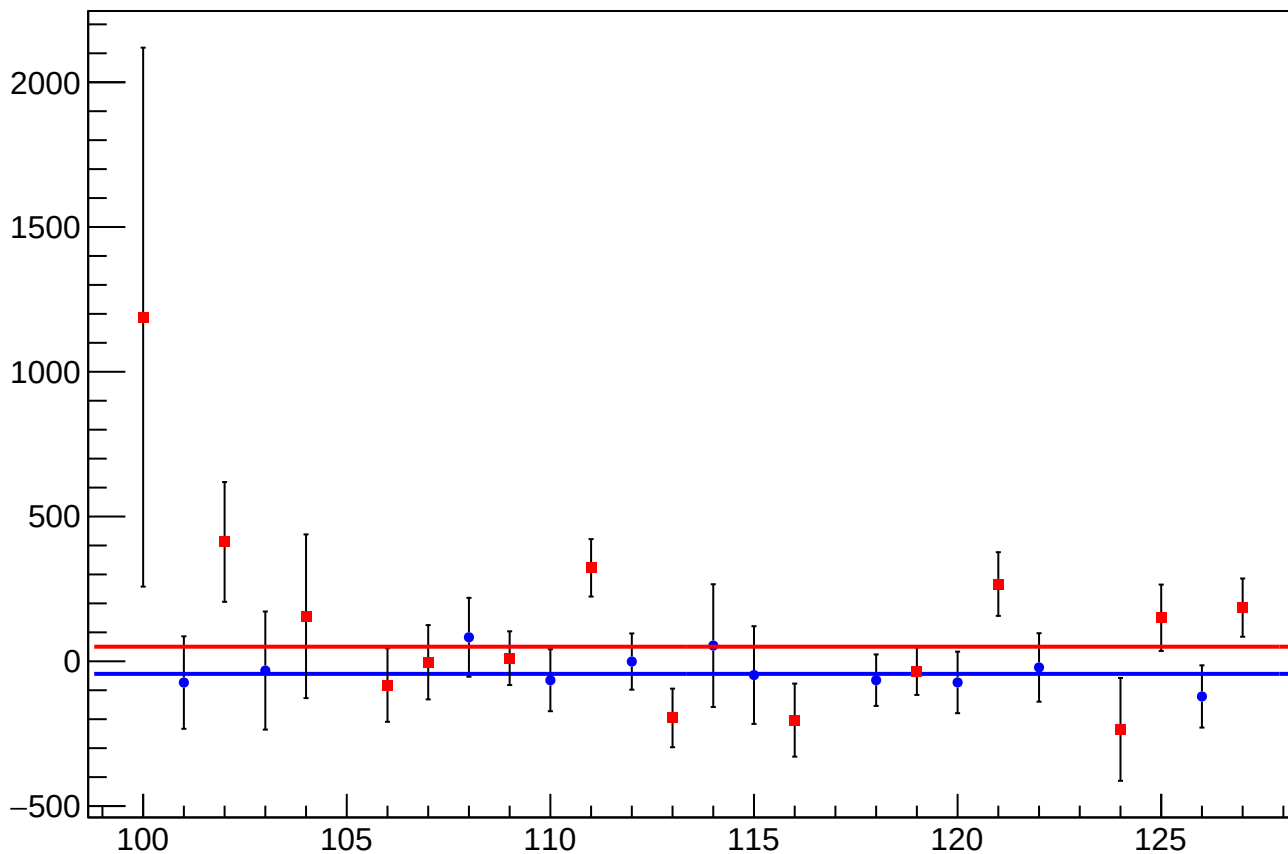
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 277.223+/-0.068 χ^2/NDF : 3177857.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam7_mean vs Slug



Right In: -43.431 $\pm$ 36.739 χ^2 /NDF: 2.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 50.449 $\pm$ 32.032 χ^2 /NDF: 33.7/13

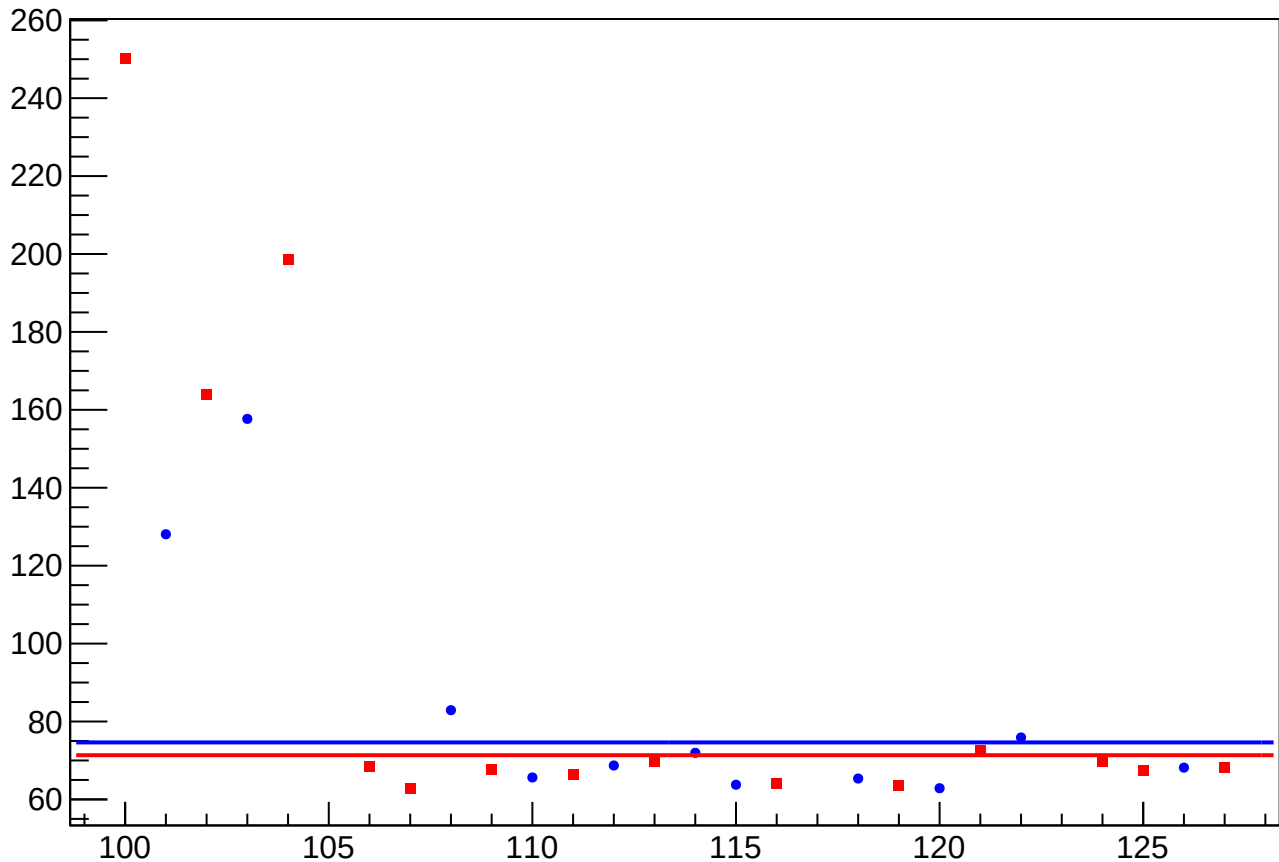
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.905 $\pm$ 24.144 χ^2 /NDF: 39.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam7_rms vs Slug



Right In: 74.632+/-0.026 χ^2/NDF : 646784.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.350+/-0.023 χ^2/NDF : 927820.8/13

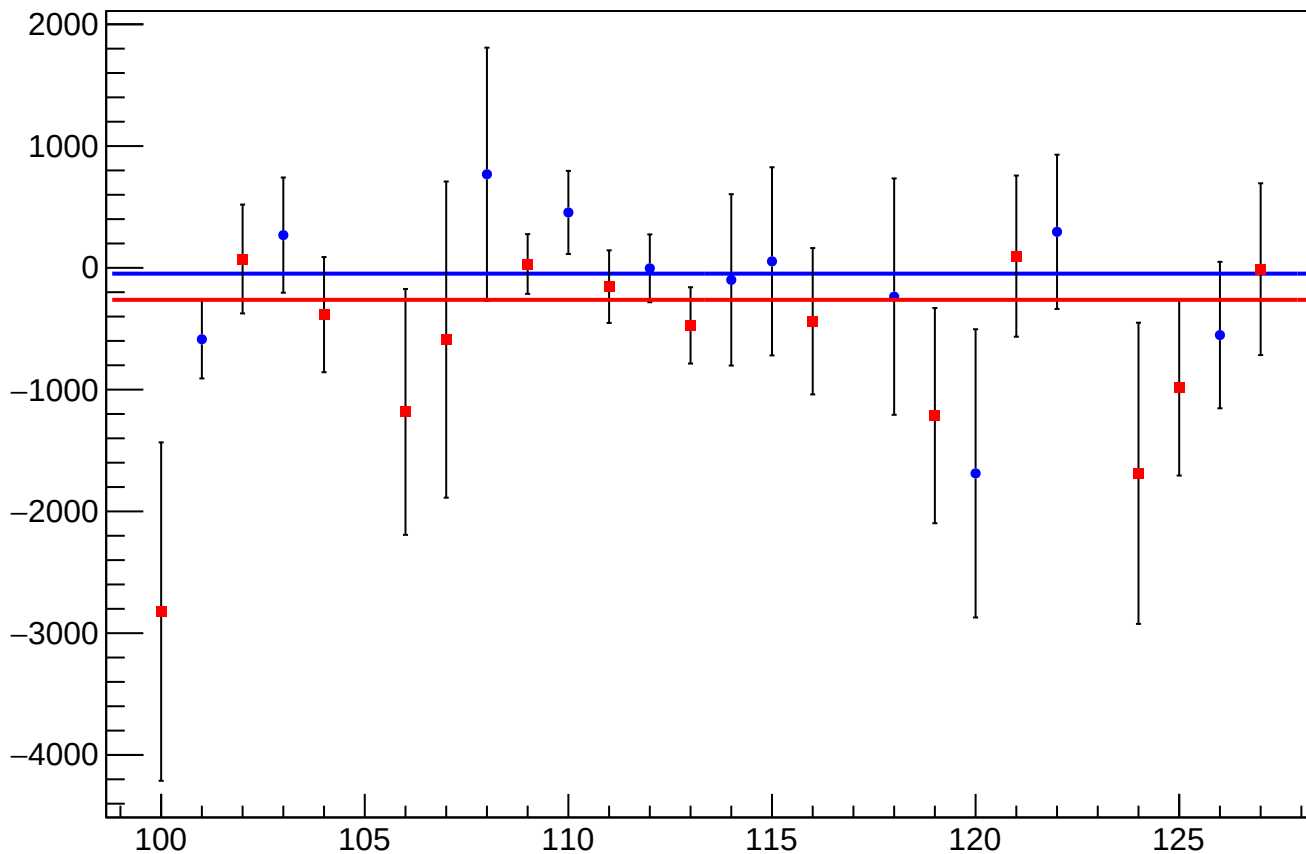
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.767+/-0.017 χ^2/NDF : 1583675.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_dit_correction_mean vs Slug



Right In: -47.599 $\pm$ 145.395 χ^2 /NDF: 9.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -262.703 $\pm$ 128.546 χ^2 /NDF: 10.9/13

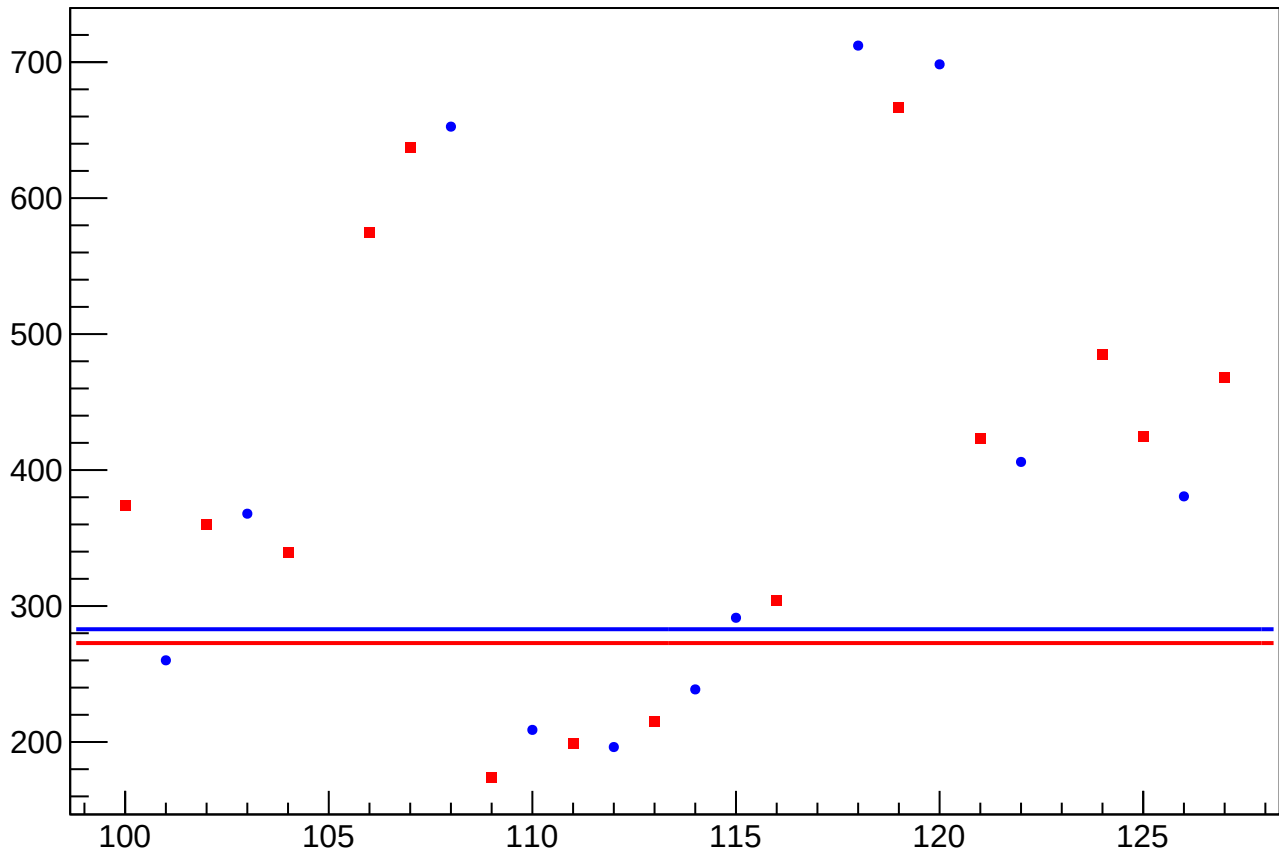
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -168.331 $\pm$ 96.305 χ^2 /NDF: 21.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_eigen_dit_correction_rms vs Slug



Right In: 282.936+/-0.103 χ^2/NDF : 1389883.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 272.755+/-0.091 χ^2/NDF : 1782493.8/13

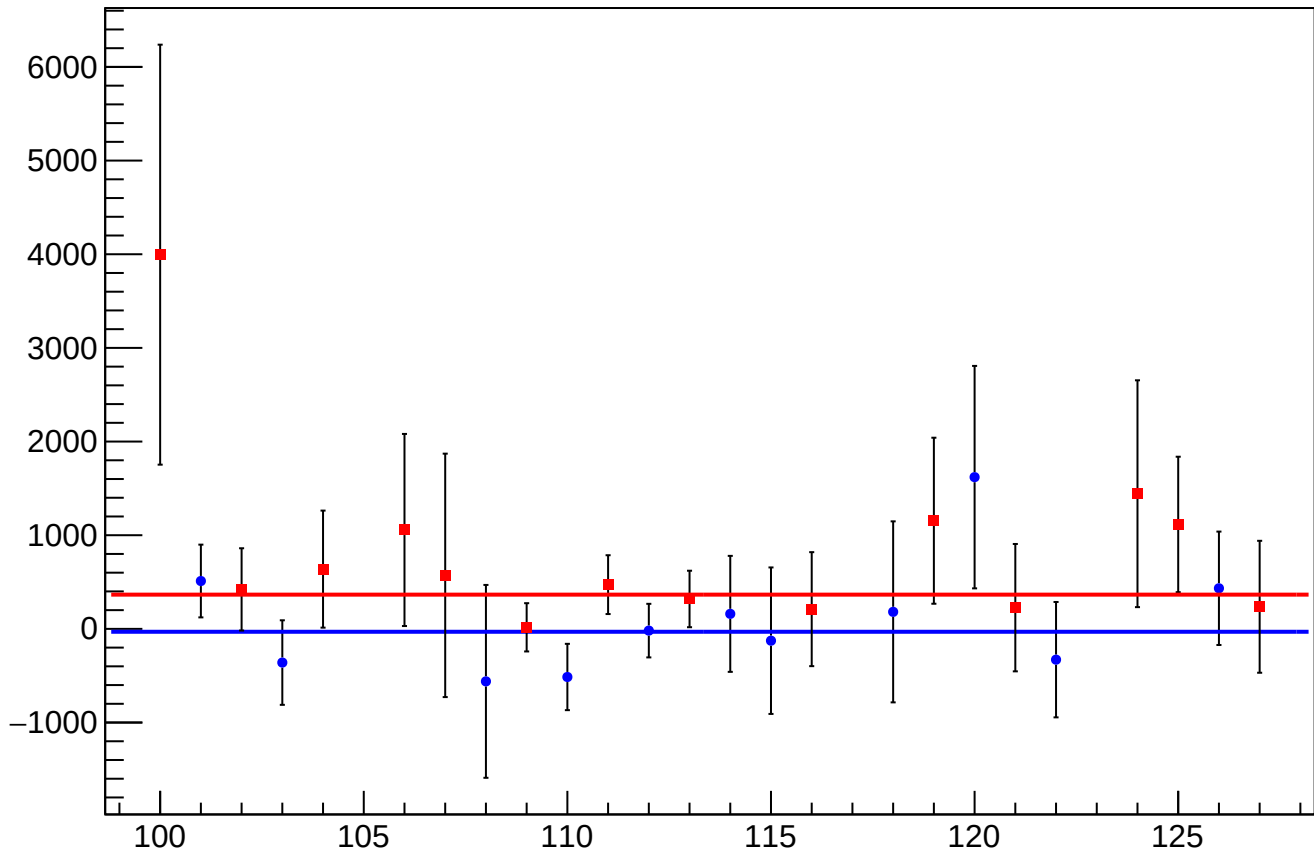
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 277.222+/-0.068 χ^2/NDF : 3177881.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_mean vs Slug



Right In: -30.917 ± 150.634 χ^2/NDF : 7.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 365.518 ± 133.124 χ^2/NDF : 8.1/13

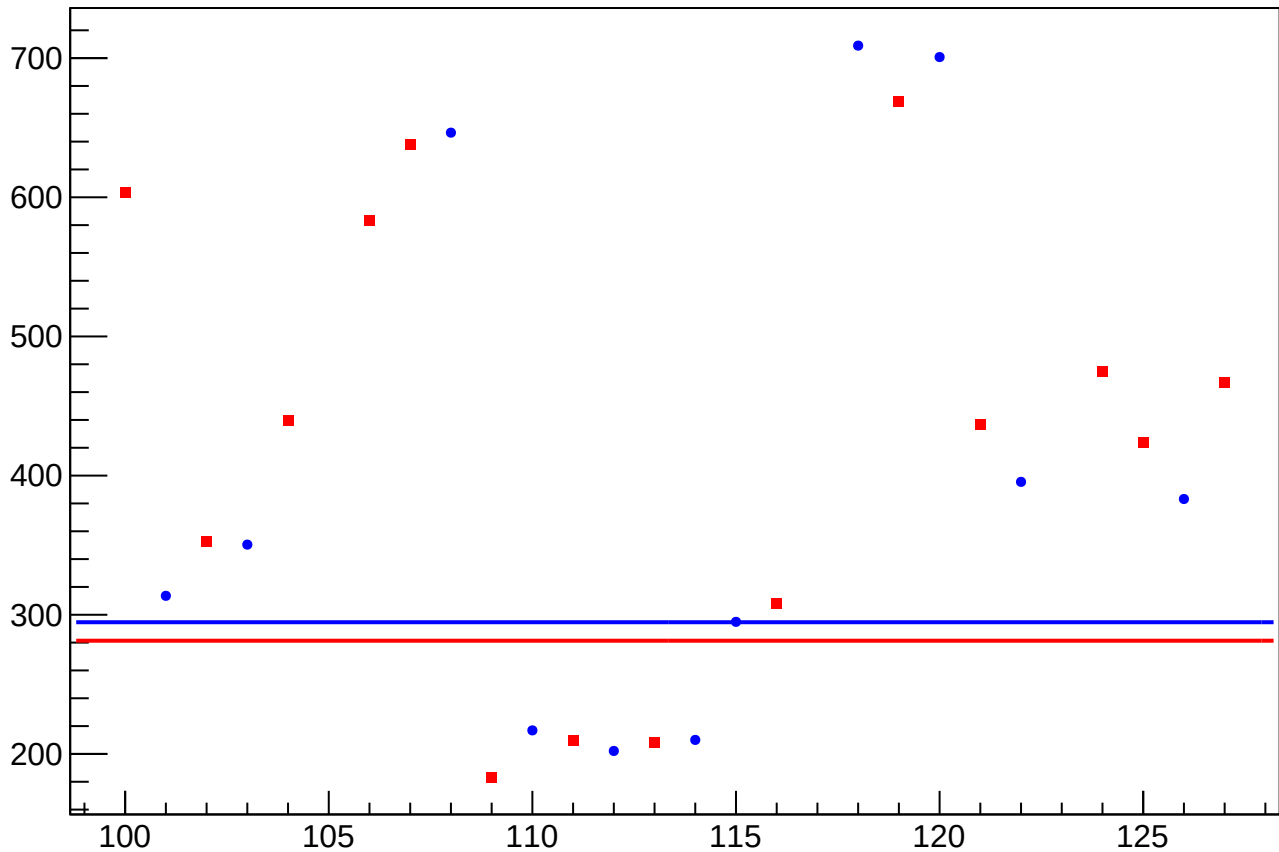
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 191.670 ± 99.752 χ^2/NDF : 19.5/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam7_rms vs Slug



Right In: 294.636+/-0.107 χ^2/NDF : 1309661.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

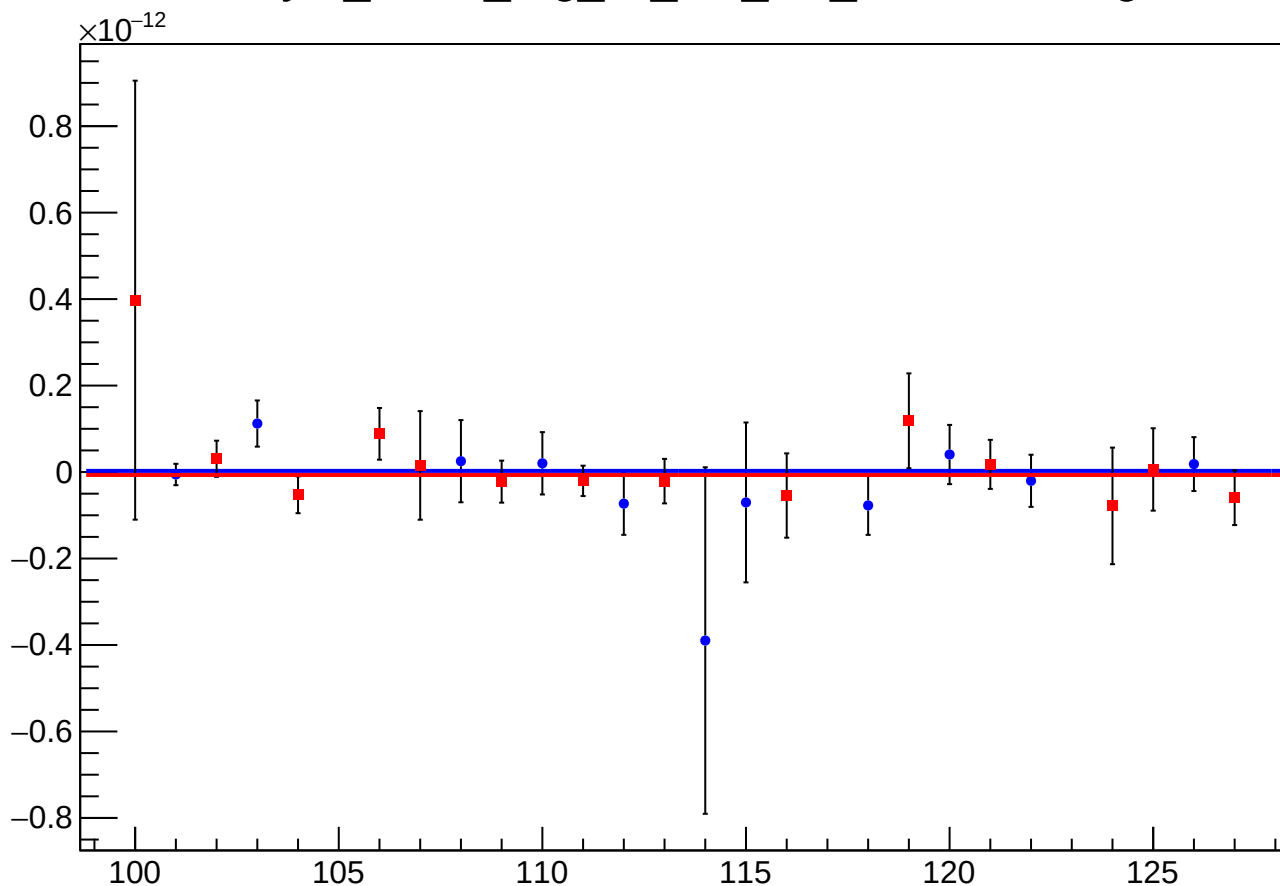
Right Out: 281.359+/-0.094 χ^2/NDF : 1817072.4/13

All: 287.181+/-0.071 χ^2/NDF : 3135457.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-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: 8.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.2/13

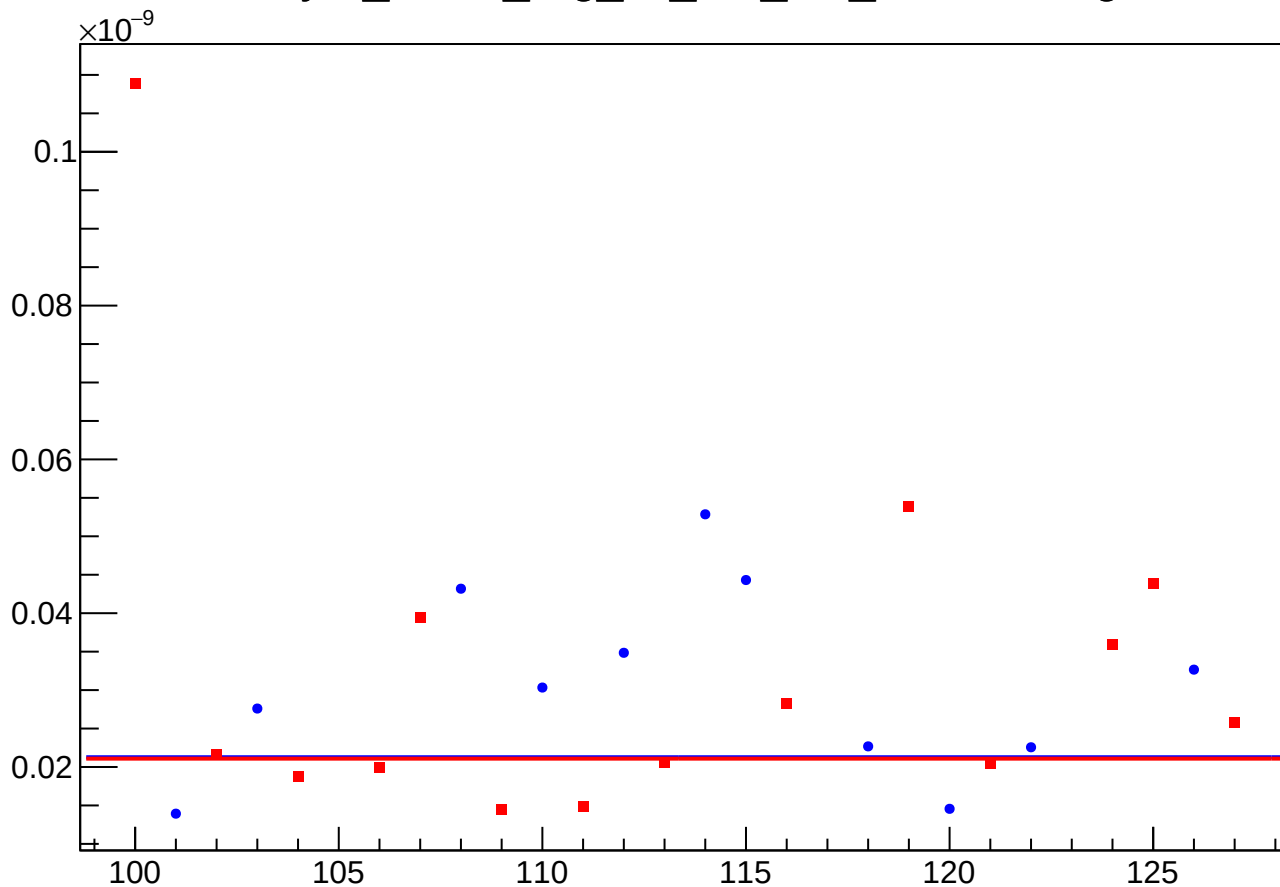
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 16.9/24

- 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 : 544846.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 548220.4/13

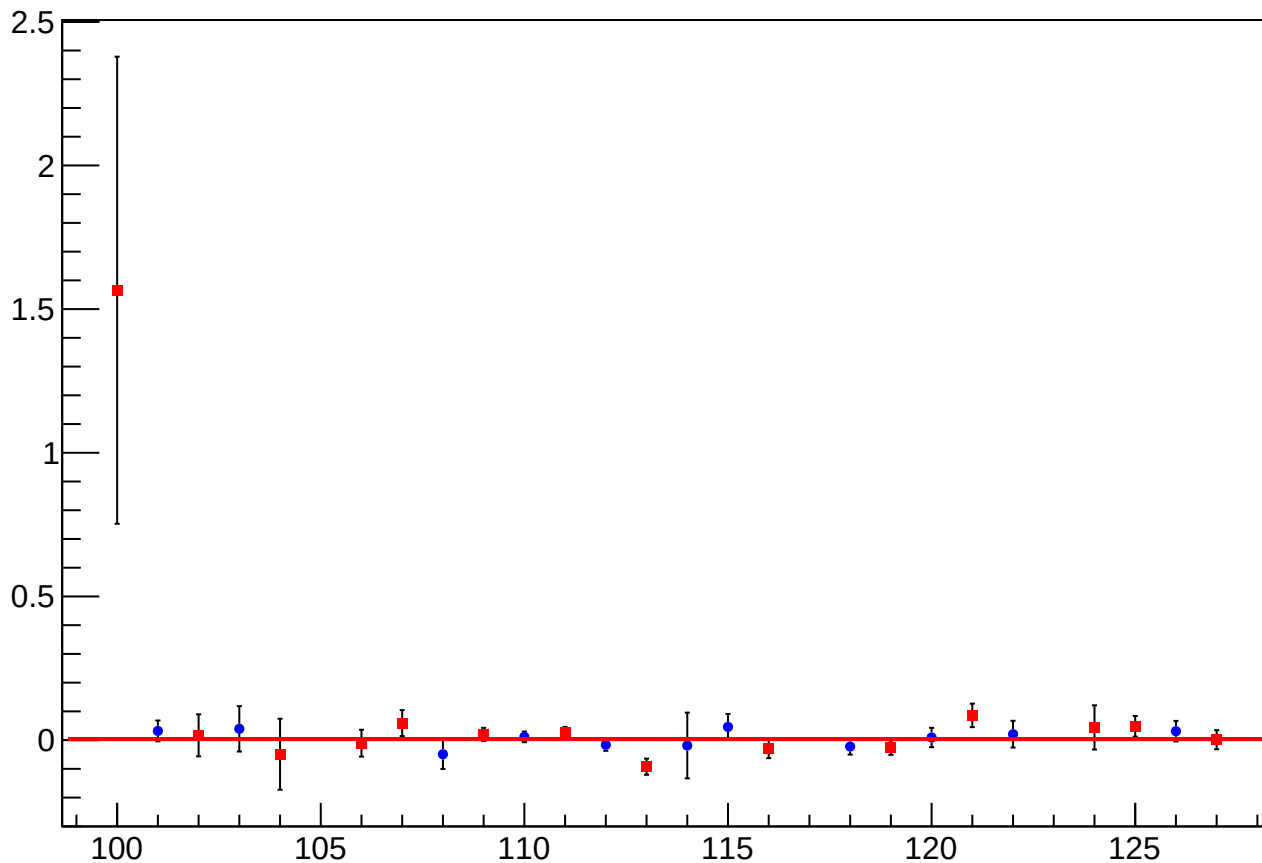
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1093189.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_dit_vs_cor_diff_mean vs Slug



Right In: 0.004 $\pm$ 0.010 χ^2 /NDF: 5.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.009 χ^2 /NDF: 27.3/13

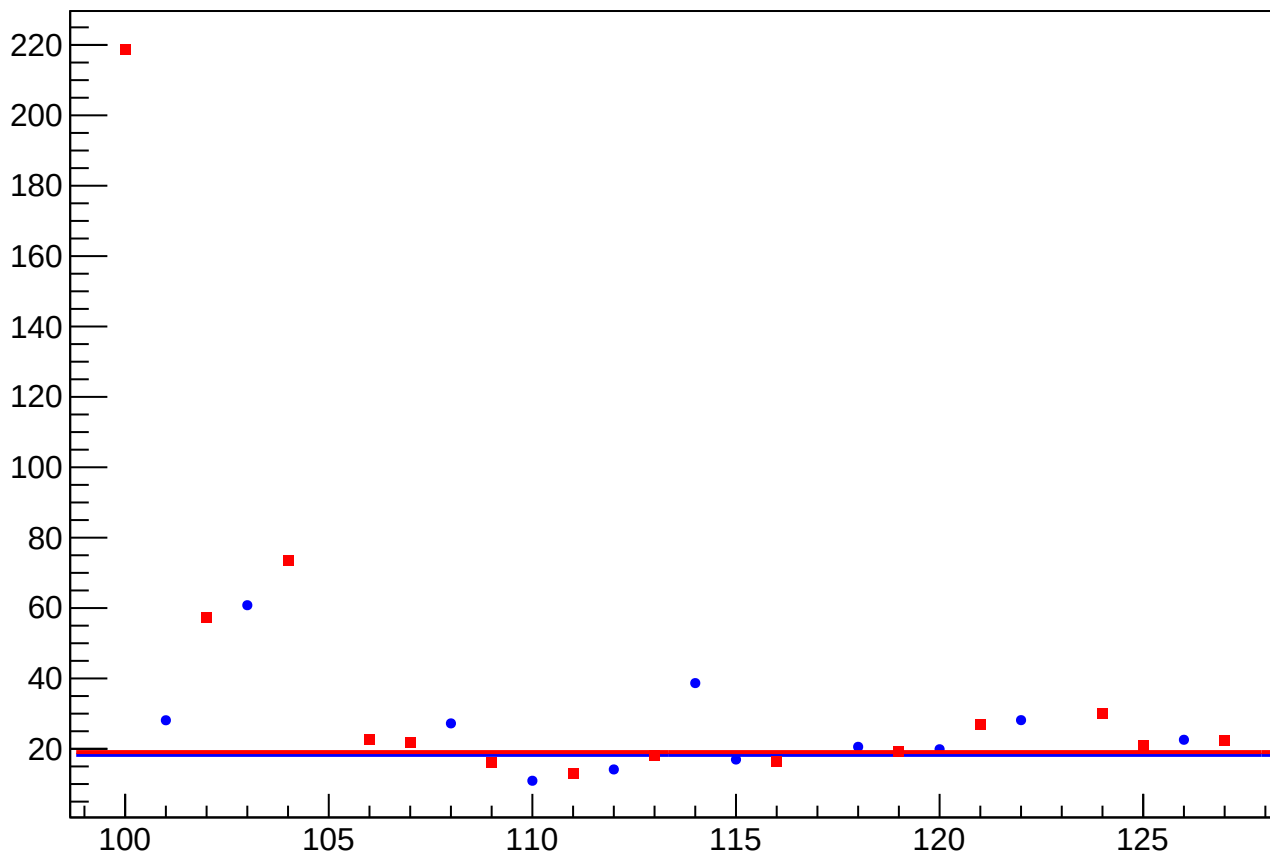
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.007 χ^2 /NDF: 32.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_dit_vs_cor_diff_rms vs Slug



Right In: 18.286+/-0.007 χ^2/NDF : 1381002.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

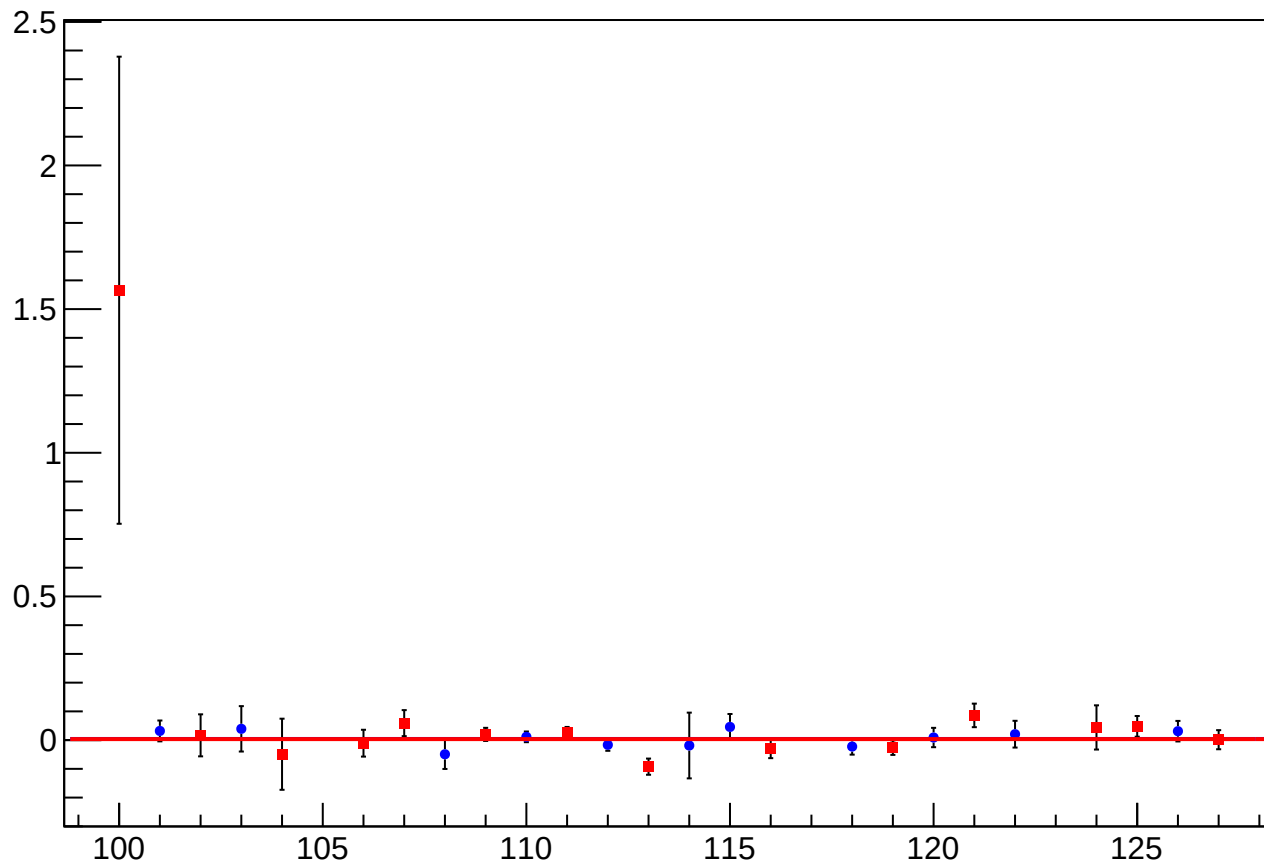
Right Out: 19.078+/-0.006 χ^2/NDF : 1456651.0/13

All: 18.708+/-0.005 χ^2/NDF : 2844650.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.004 $\pm$ 0.010 χ^2 /NDF: 5.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.009 χ^2 /NDF: 27.3/13

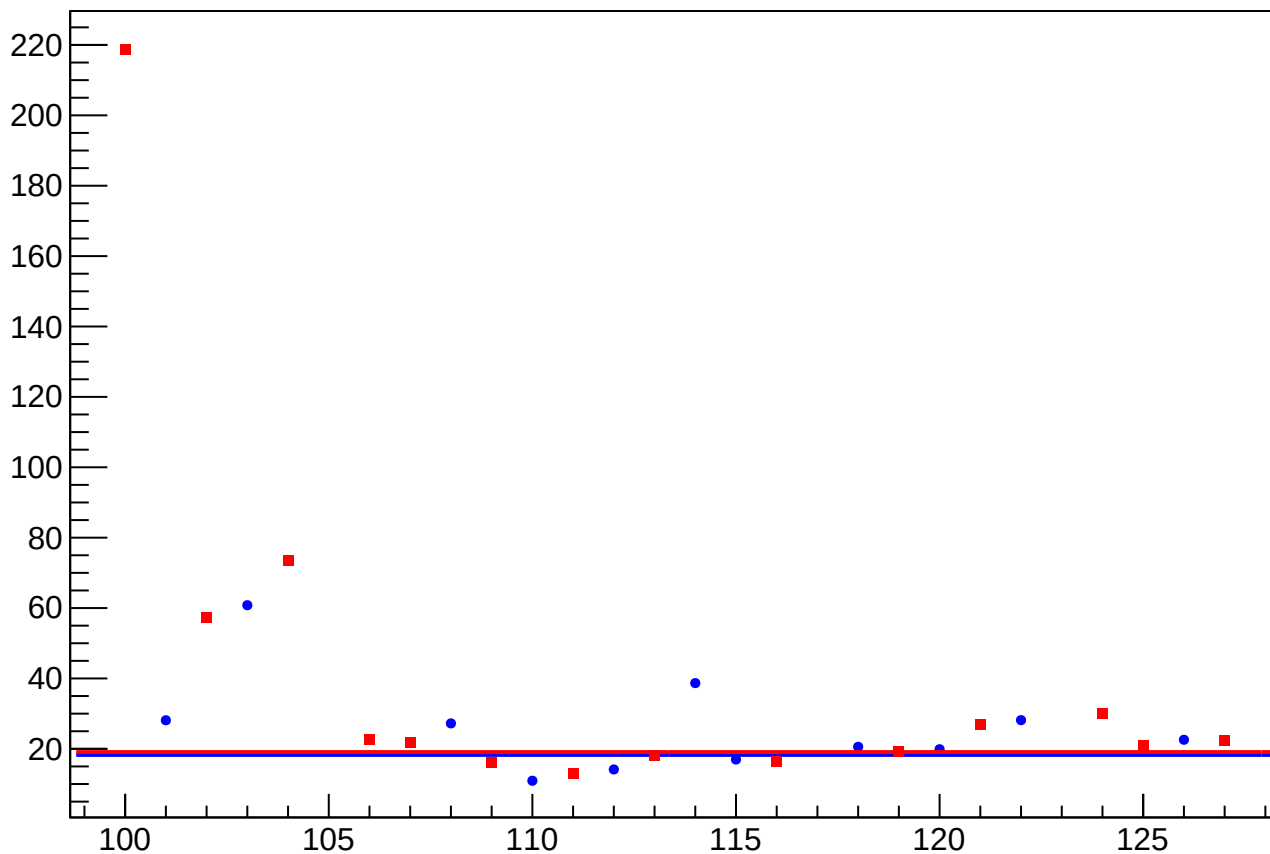
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.007 χ^2 /NDF: 32.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 18.286+/-0.007 χ^2/NDF : 1381002.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

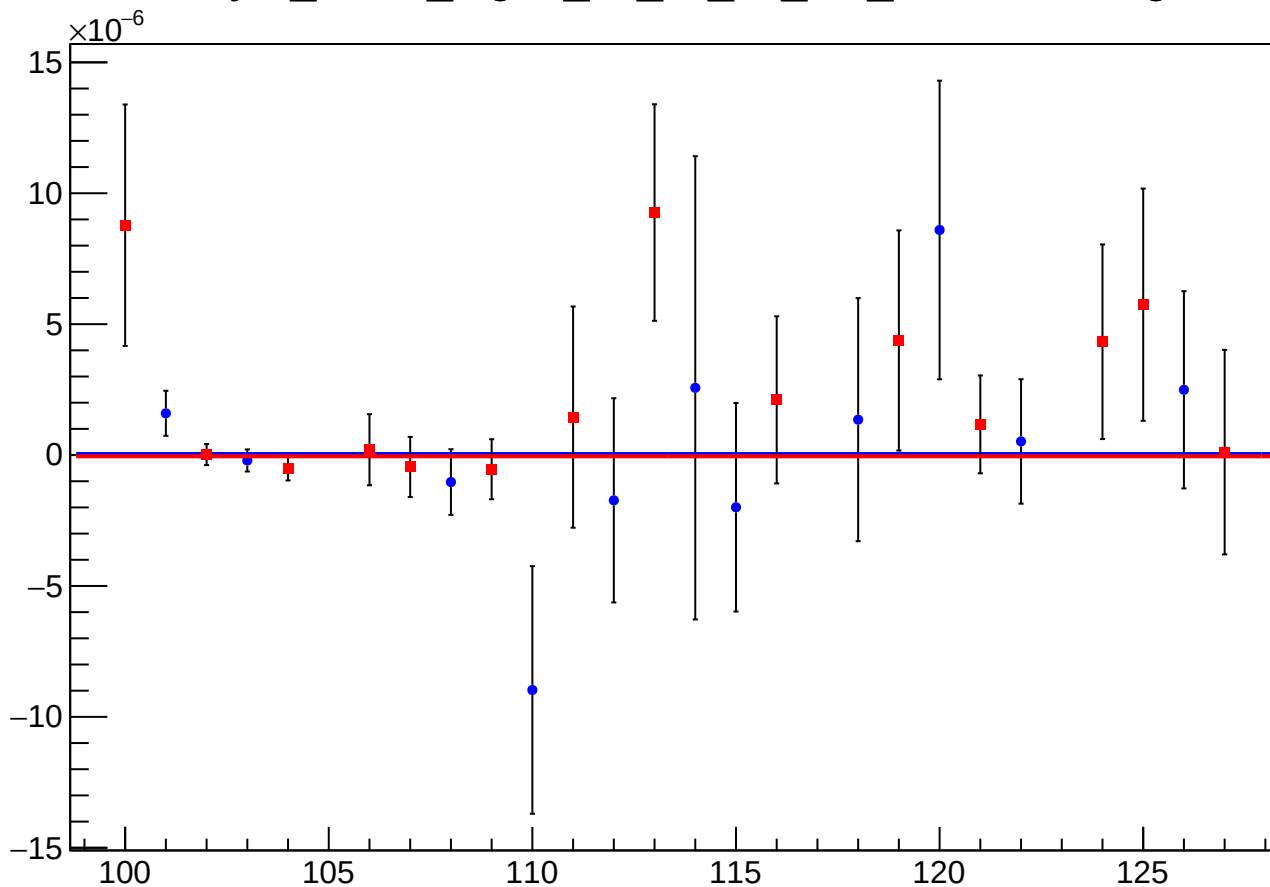
Right Out: 19.078+/-0.006 χ^2/NDF : 1456651.0/13

All: 18.708+/-0.005 χ^2/NDF : 2844650.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.4/13

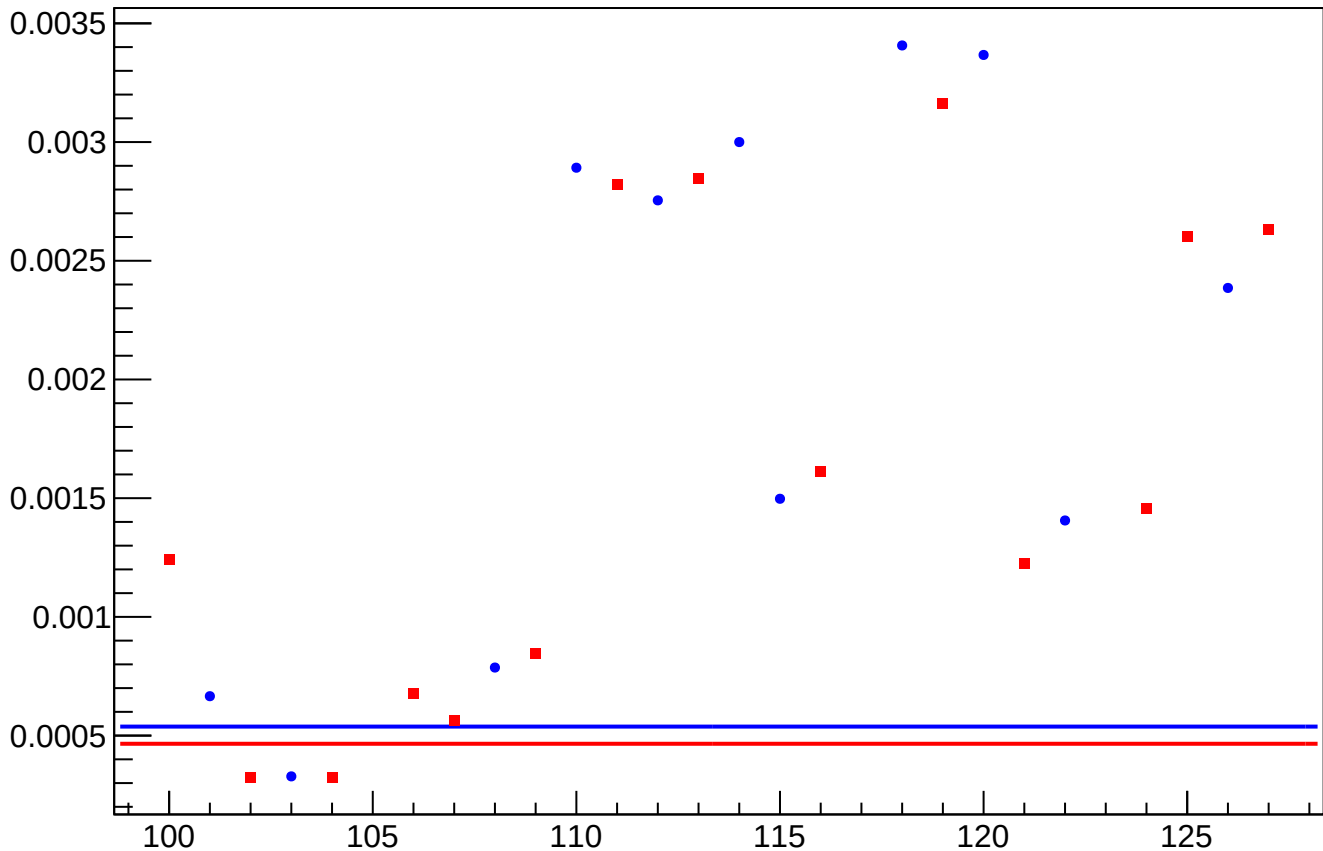
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 26.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 4033551.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4708779.6/13

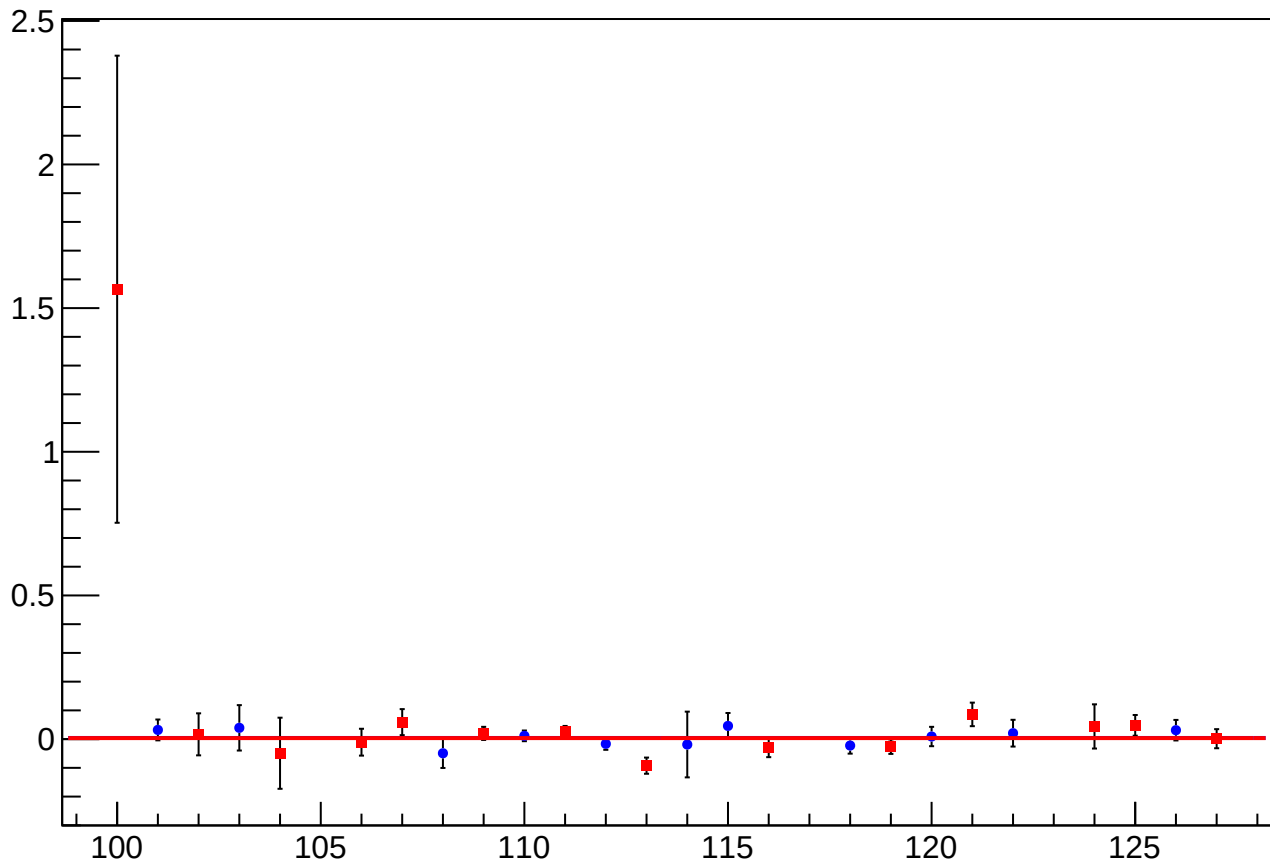
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8796144.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.004 $\pm$ 0.010 χ^2 /NDF: 5.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.004 $\pm$ 0.009 χ^2 /NDF: 27.3/13

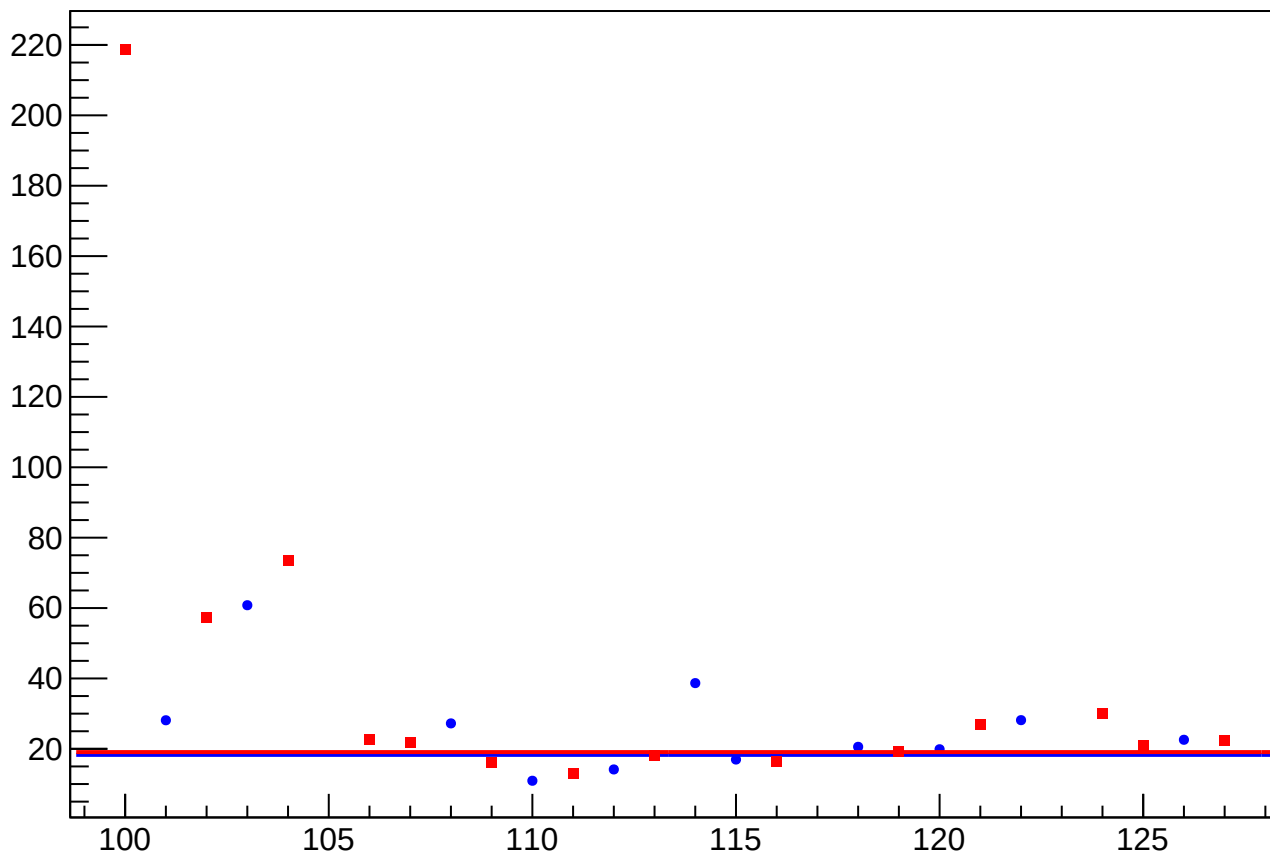
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.007 χ^2 /NDF: 32.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 18.287+/-0.007 χ^2/NDF : 1380881.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

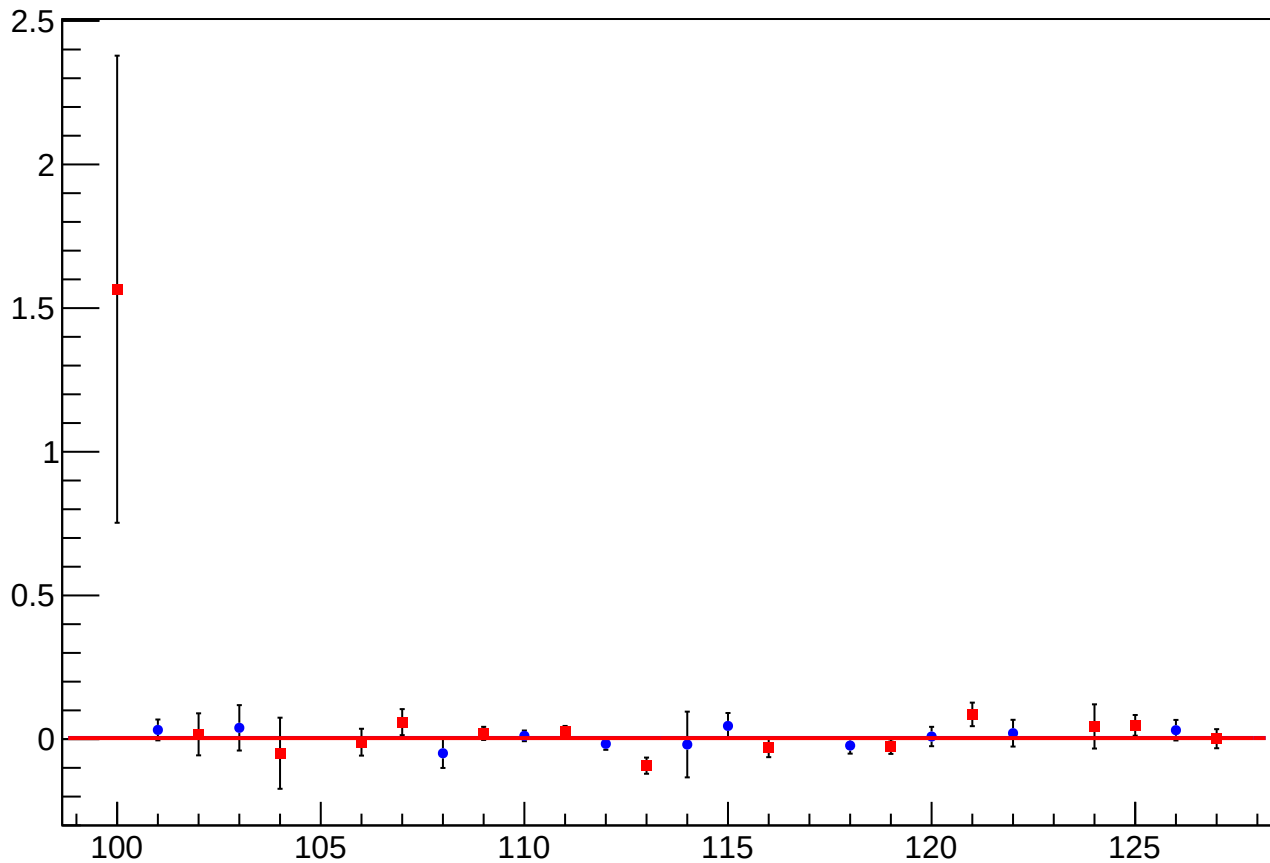
Right Out: 19.078+/-0.006 χ^2/NDF : 1456586.0/13

All: 18.709+/-0.005 χ^2/NDF : 2844456.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.004 $\pm$ 0.010 χ^2 /NDF: 5.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.009 χ^2 /NDF: 27.3/13

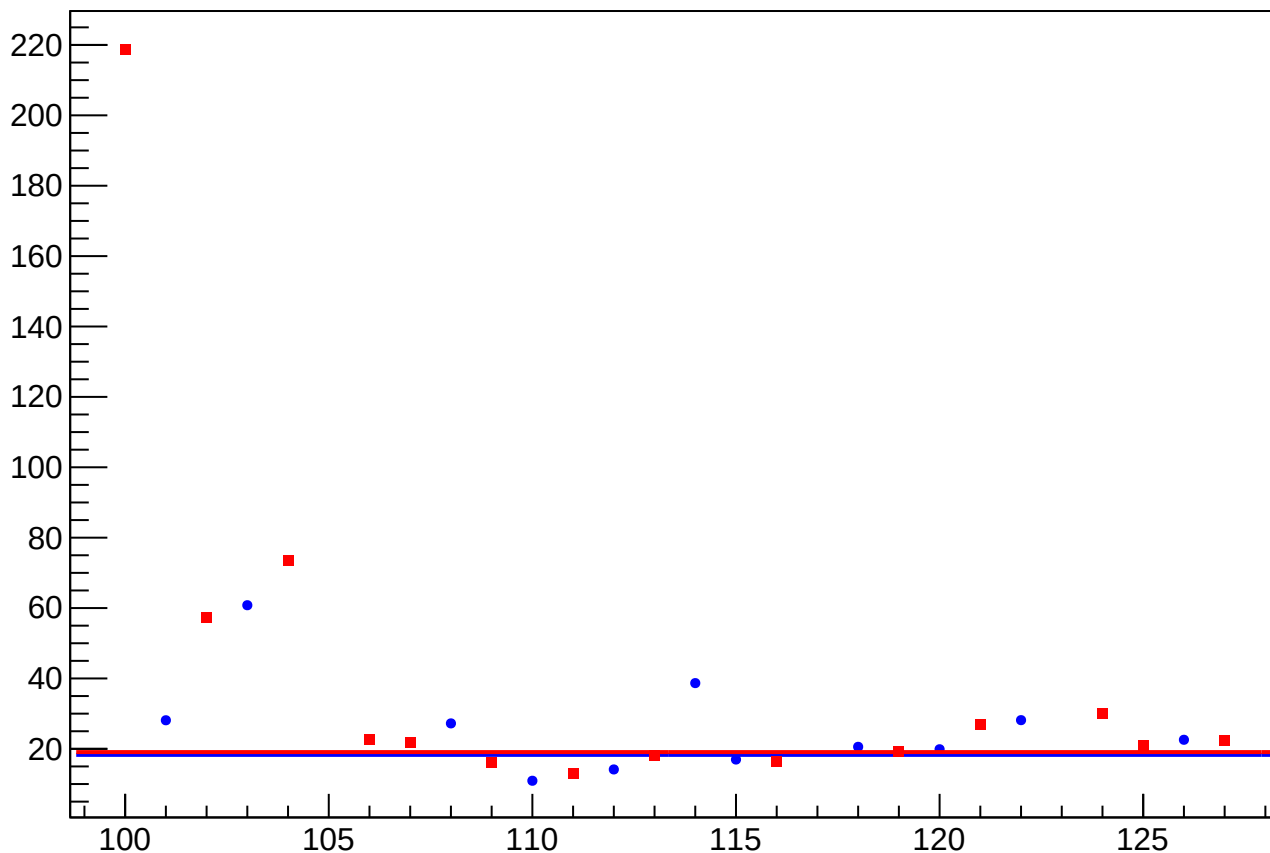
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.007 χ^2 /NDF: 32.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 18.287+/-0.007 χ^2/NDF : 1380881.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

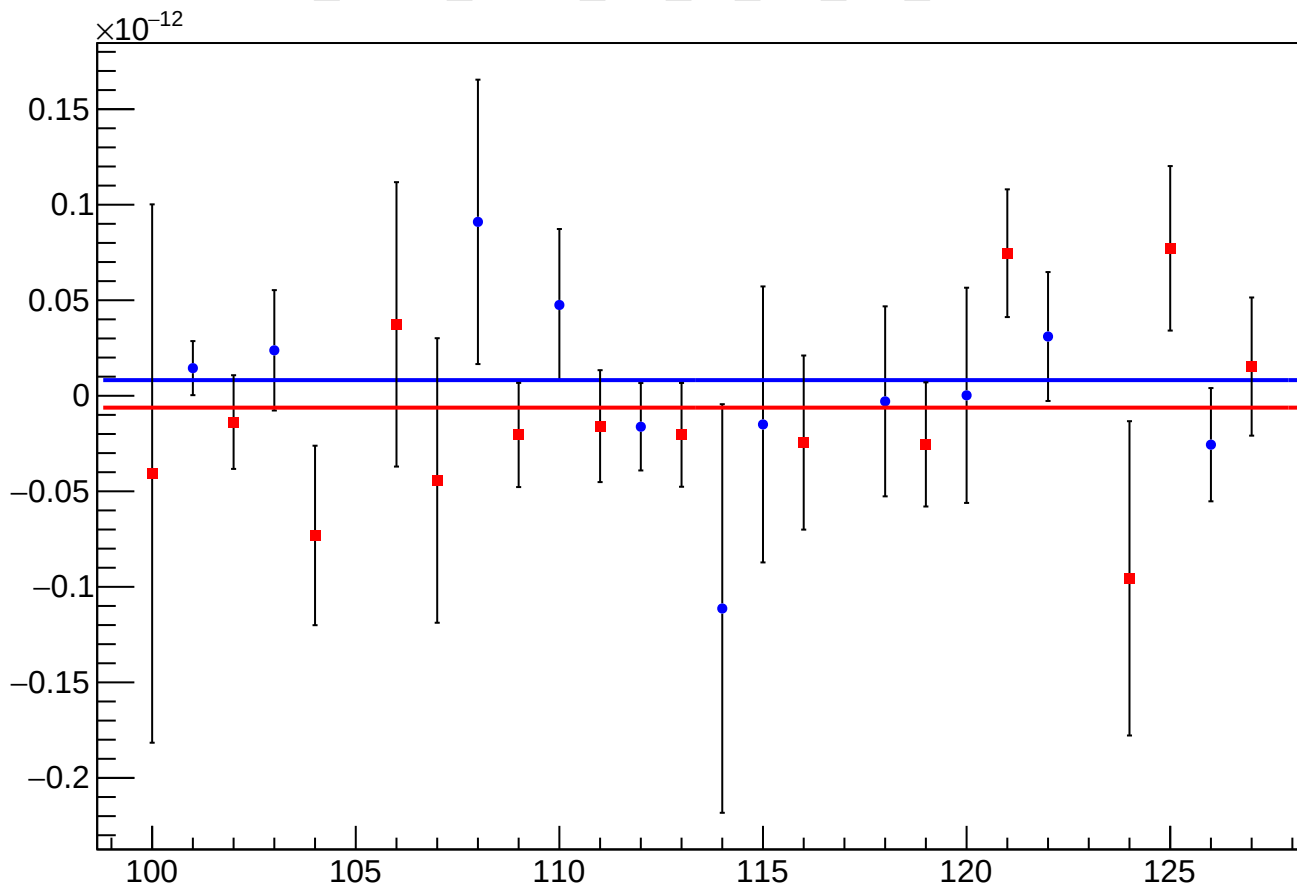
Right Out: 19.078+/-0.006 χ^2/NDF : 1456586.0/13

All: 18.709+/-0.005 χ^2/NDF : 2844456.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-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 : 7.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.1/13

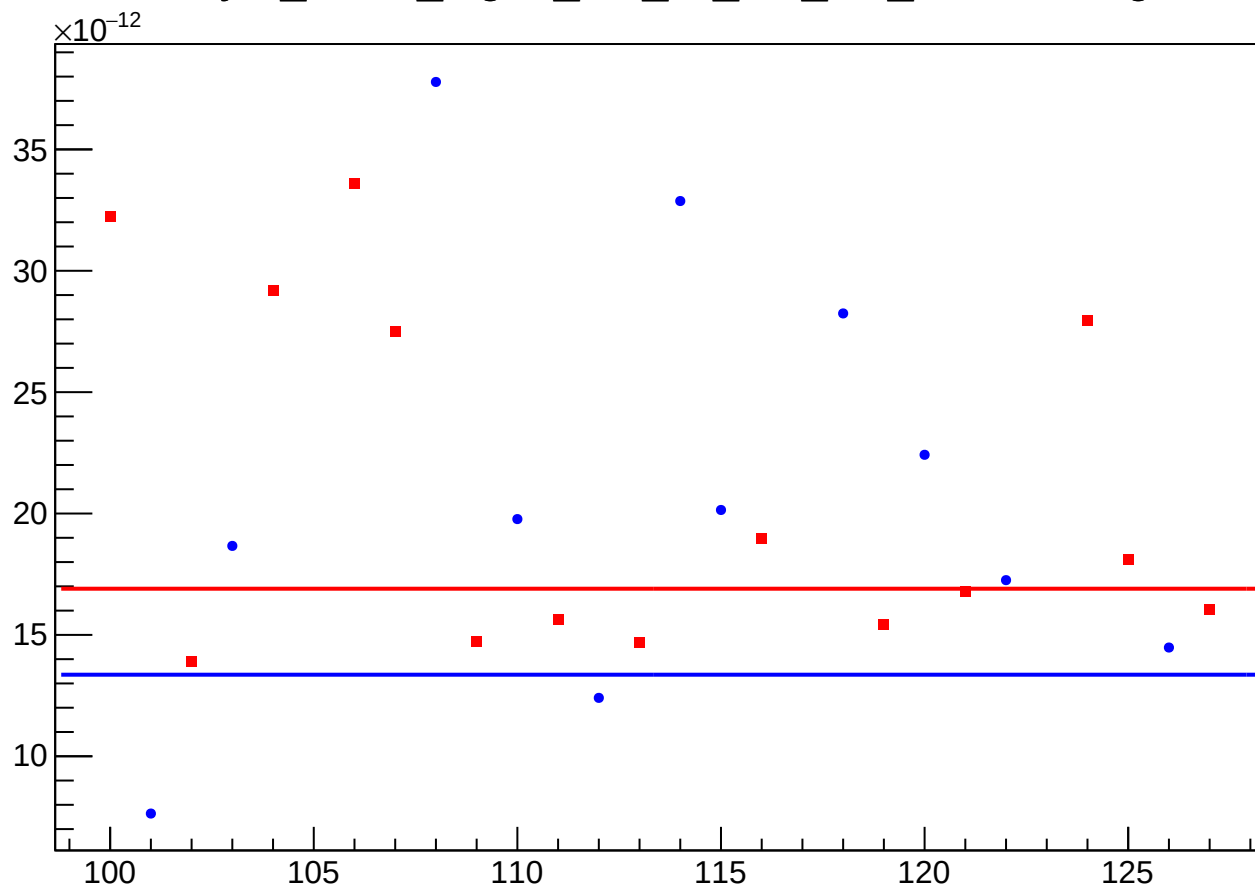
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.2/24

- 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+/-0.000 χ^2/NDF : 999091.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 408739.7/13

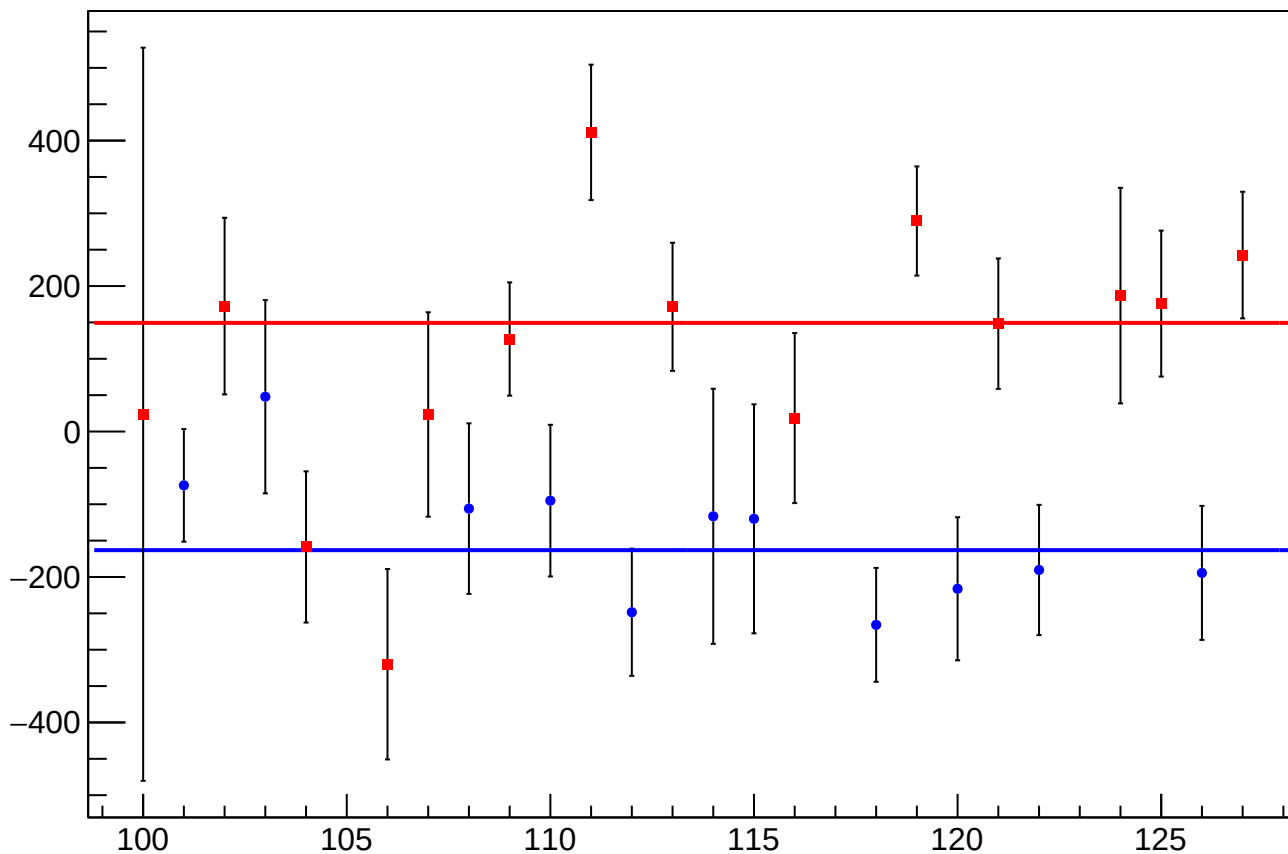
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1544622.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_mean vs Slug



Right In: -163.126+/-30.140 χ^2/NDF : 7.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.365+/-27.375 χ^2/NDF : 36.6/13

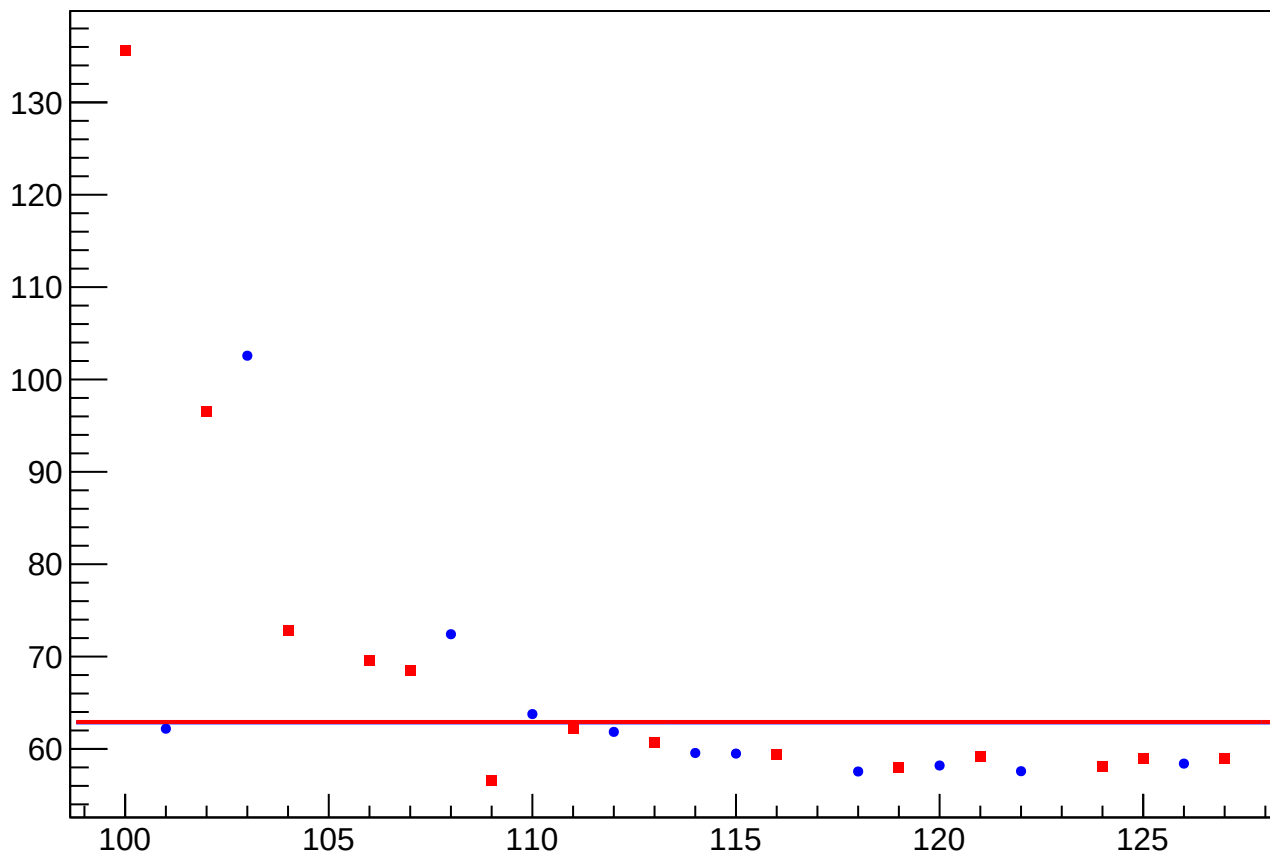
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.107+/-20.264 χ^2/NDF : 103.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_rms vs Slug



Right In: 62.873+/-0.021 χ^2/NDF : 219391.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.921+/-0.019 χ^2/NDF : 259199.1/13

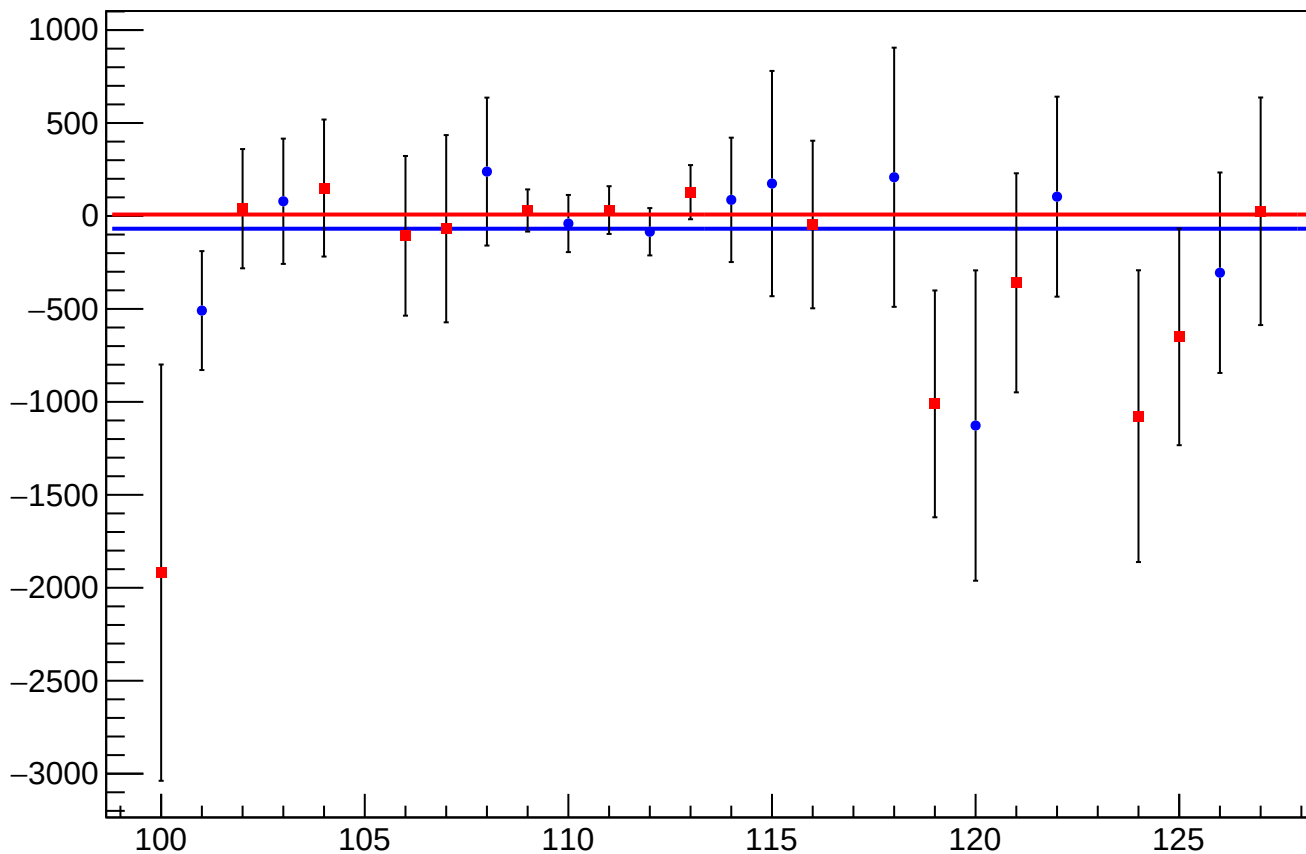
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.899+/-0.014 χ^2/NDF : 478593.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_reg_correction_mean vs Slug



Right In: -68.640 $\pm$ 81.381 χ^2 /NDF: 5.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7.729 $\pm$ 65.855 χ^2 /NDF: 10.3/13

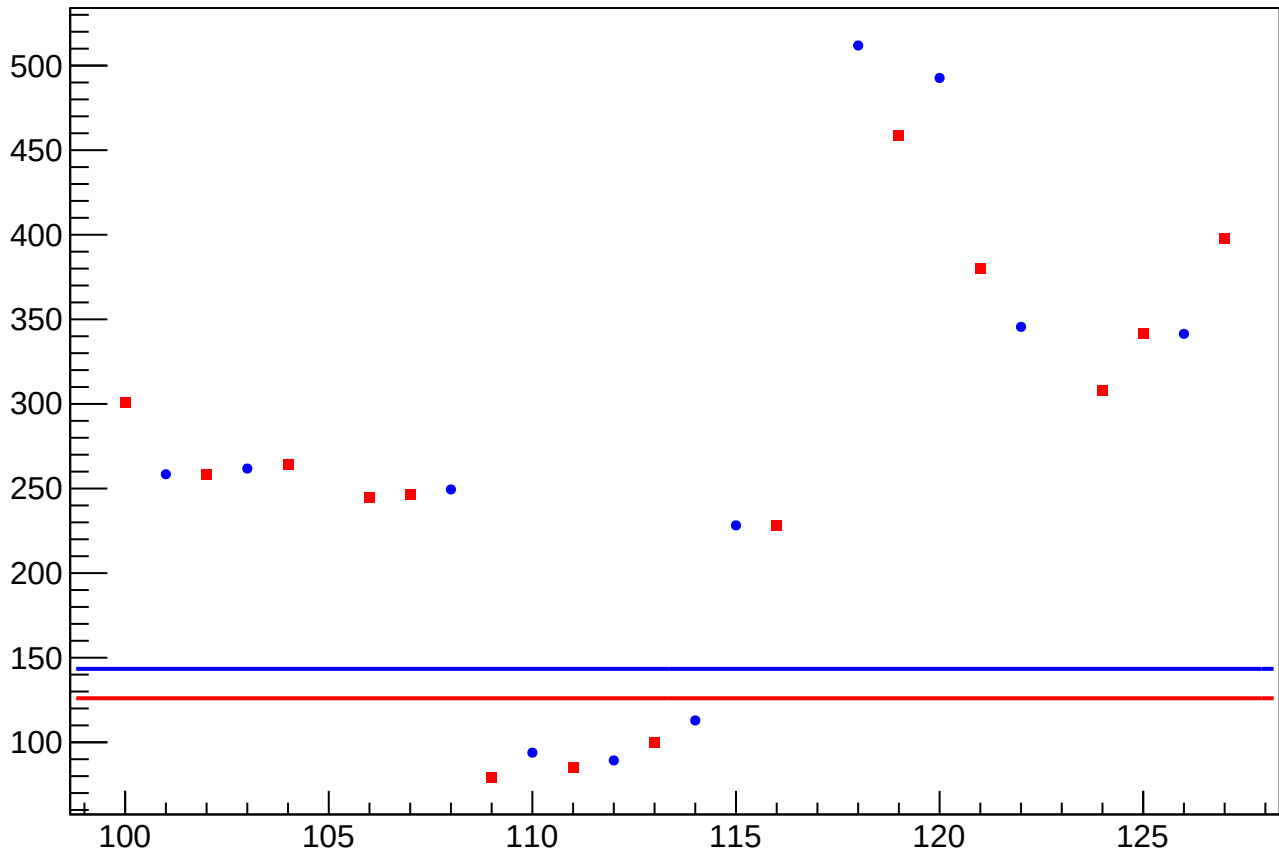
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -22.490 $\pm$ 51.193 χ^2 /NDF: 16.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_reg_correction_rms vs Slug



Right In: 143.403 $\pm$ 0.058 χ^2 /NDF: 2734519.9/10

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

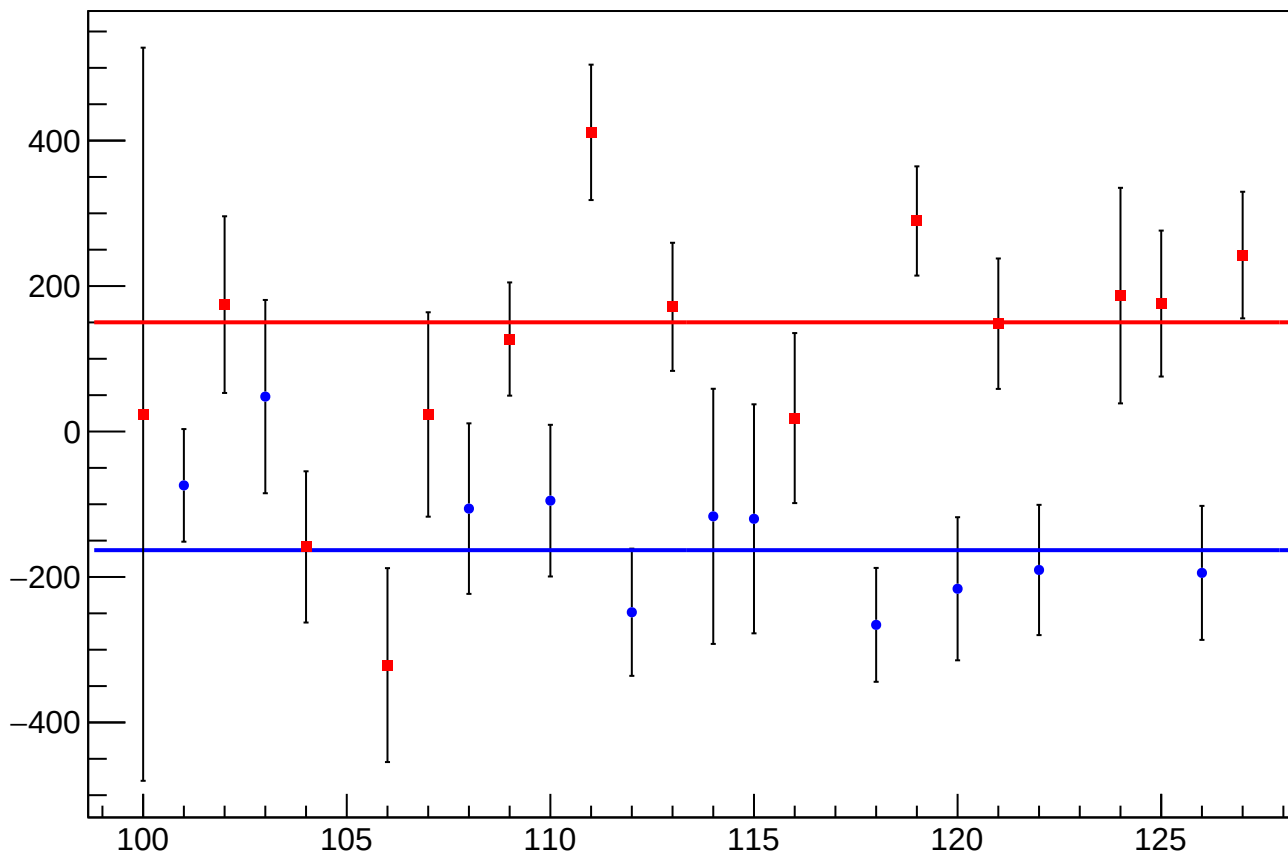
Right Out: 126.036 $\pm$ 0.047 χ^2 /NDF: 3391336.6/13

All: 132.908 $\pm$ 0.036 χ^2 /NDF: 6180893.9/24

- 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_sam8_mean vs Slug



Right In: -163.125 ± 30.140 χ^2/NDF : 7.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 150.156 ± 27.397 χ^2/NDF : 36.2/13

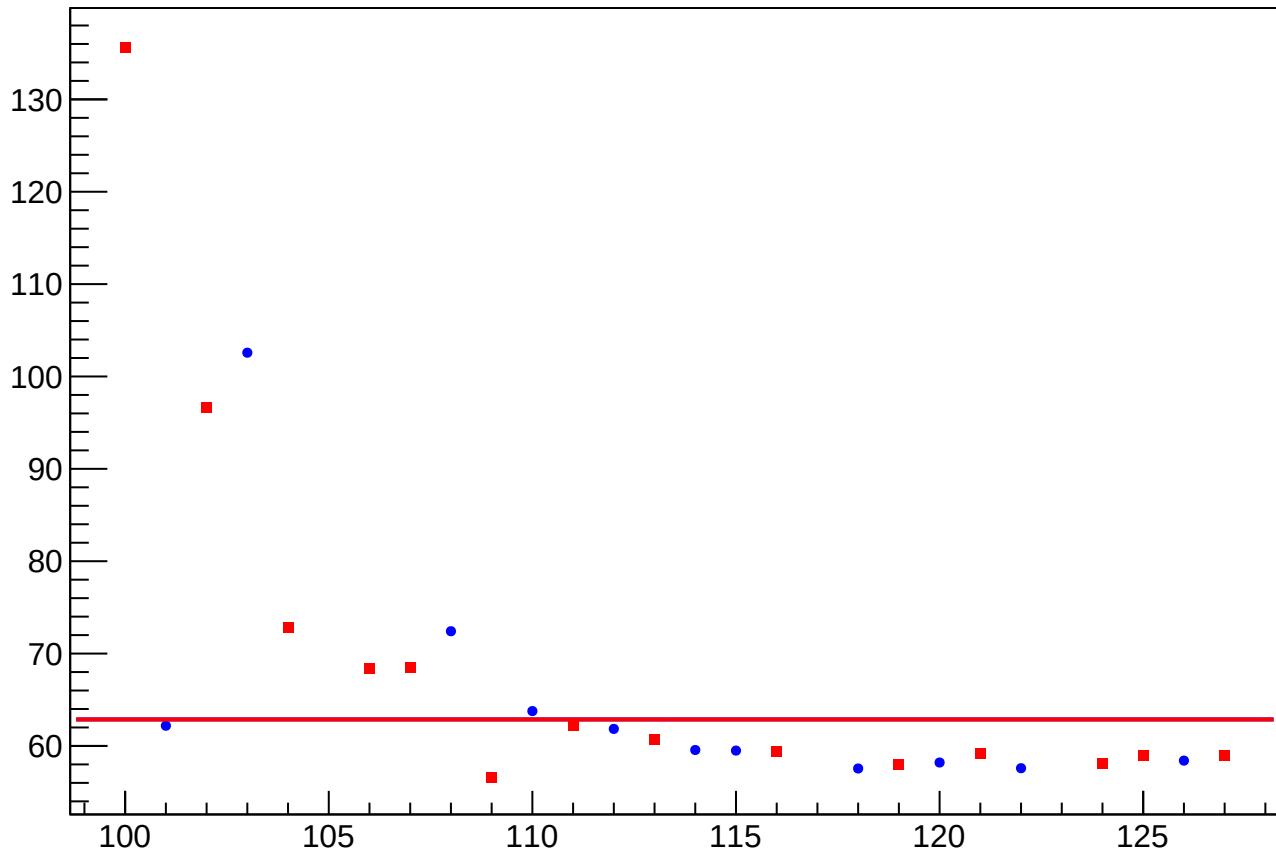
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 8.416 ± 20.273 χ^2/NDF : 103.2/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_sam8_rms vs Slug



Right In: 62.873+/-0.021 χ^2/NDF : 219393.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.861+/-0.019 χ^2/NDF : 257598.6/13

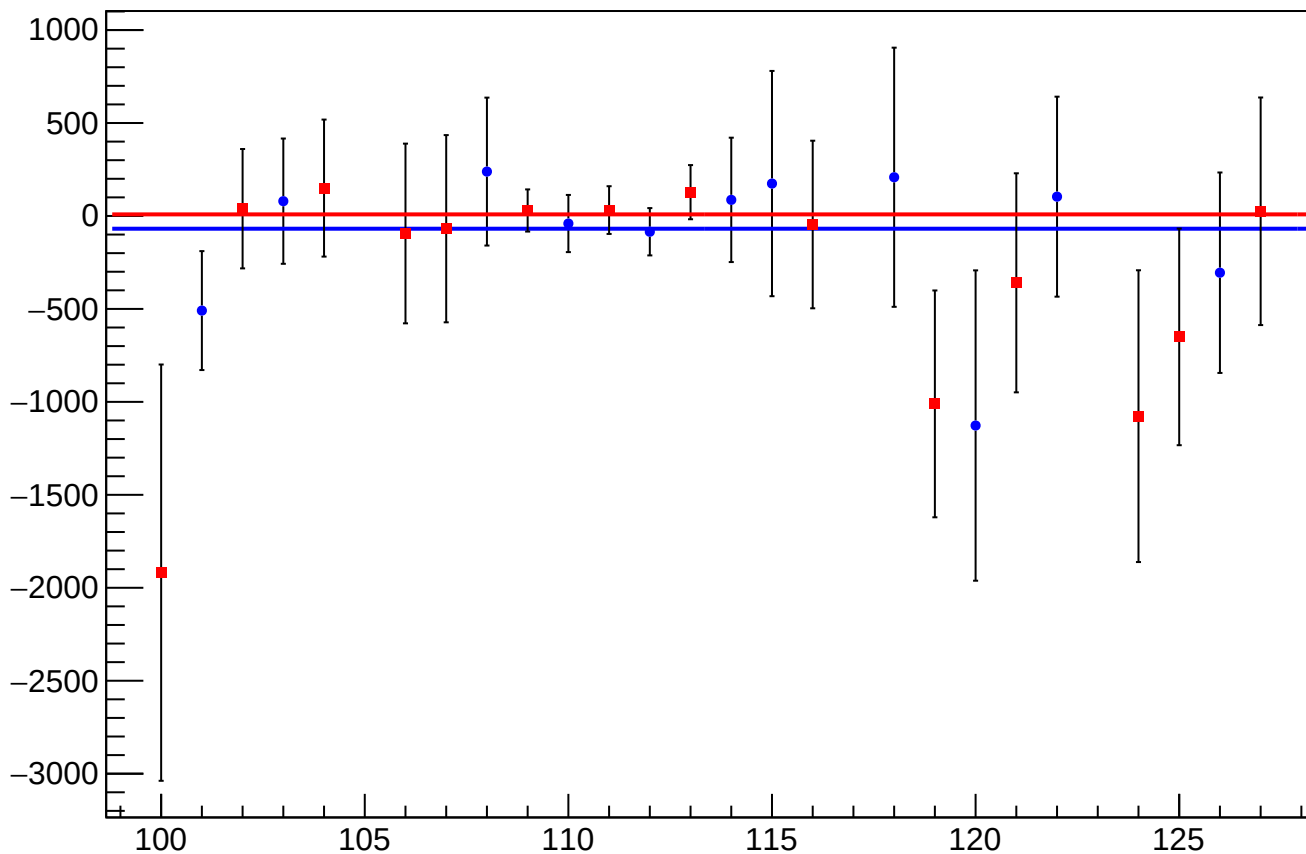
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.867+/-0.014 χ^2/NDF : 476992.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_cor_correction_mean vs Slug



Right In: -68.619 ± 81.382 χ^2/NDF : 5.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 8.511 ± 66.021 χ^2/NDF : 10.3/13

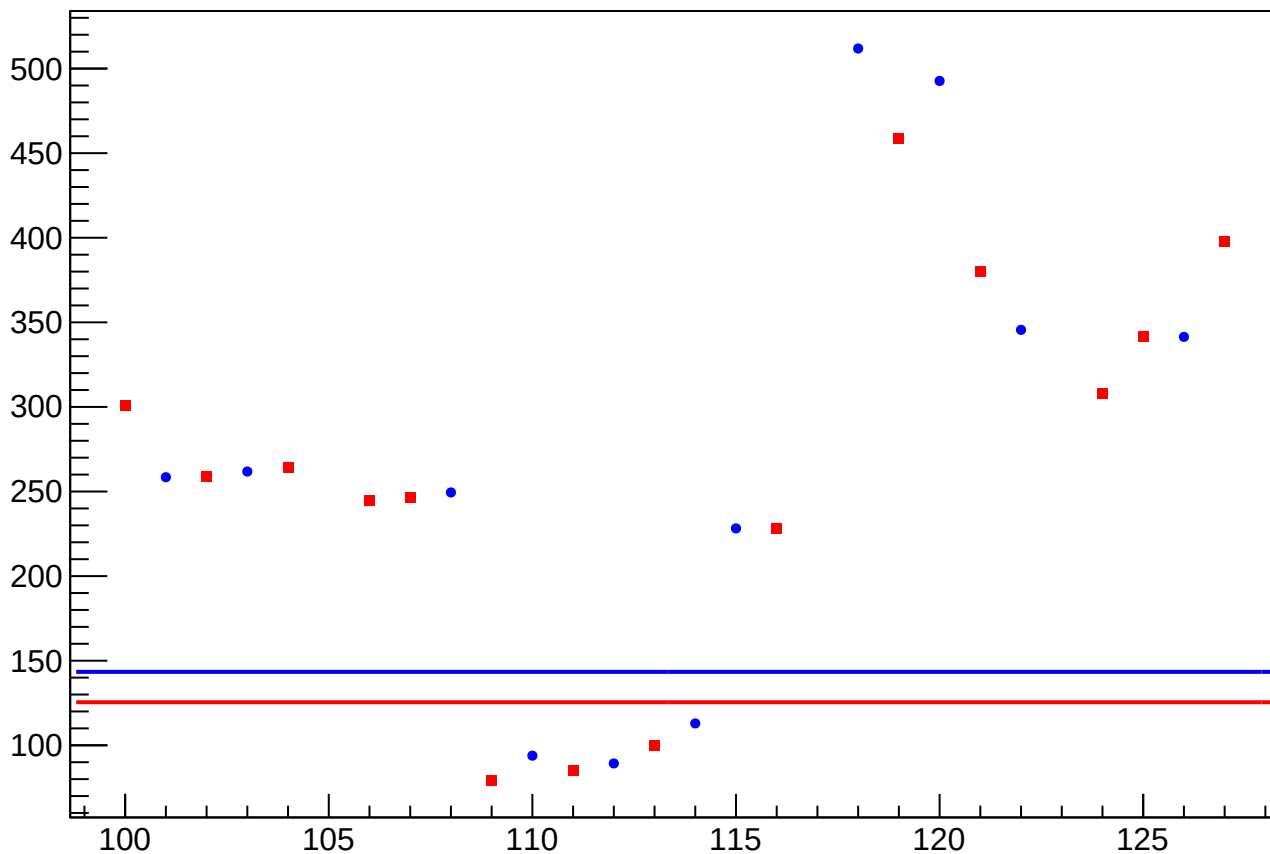
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -22.103 ± 51.271 χ^2/NDF : 16.0/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam8_cor_correction_rms vs Slug



Right In: 143.403+/-0.058 χ^2/NDF : 2734576.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.449+/-0.047 χ^2/NDF : 3360272.5/13

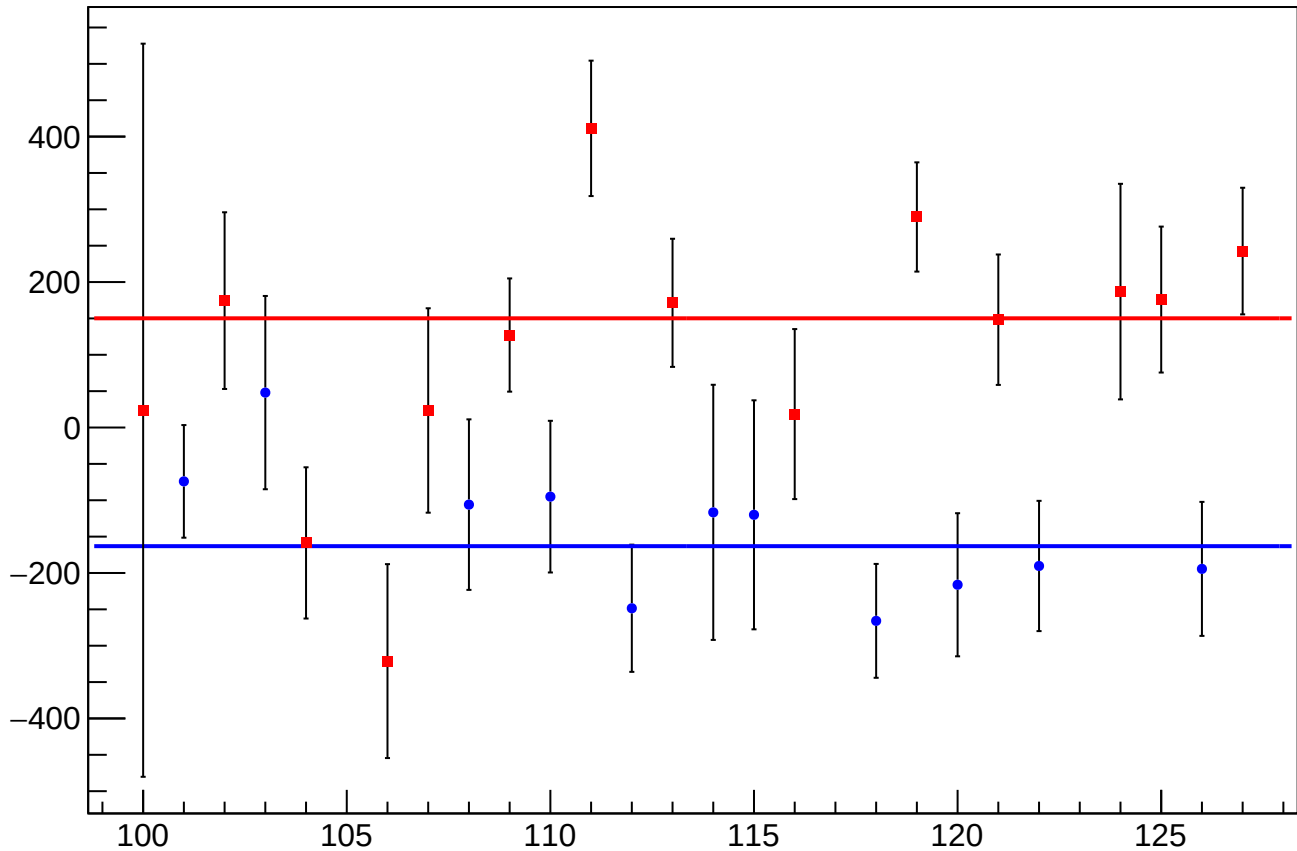
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.575+/-0.036 χ^2/NDF : 6153554.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam8_mean vs Slug



Right In: -163.125 $\pm$ 30.140 χ^2 /NDF: 7.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 150.156 $\pm$ 27.397 χ^2 /NDF: 36.2/13

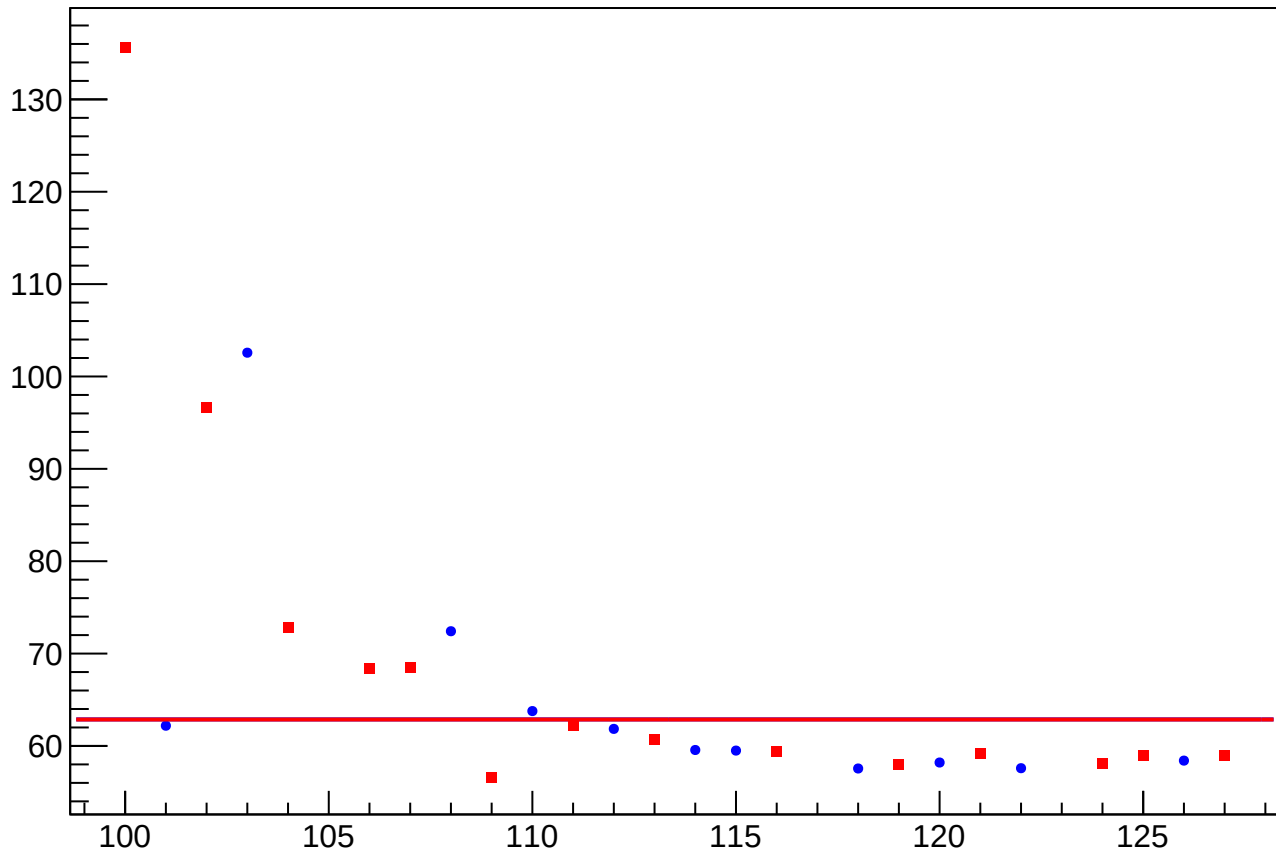
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.416 $\pm$ 20.273 χ^2 /NDF: 103.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam8_rms vs Slug



Right In: 62.873+/-0.021 χ^2/NDF : 219393.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.861+/-0.019 χ^2/NDF : 257598.6/13

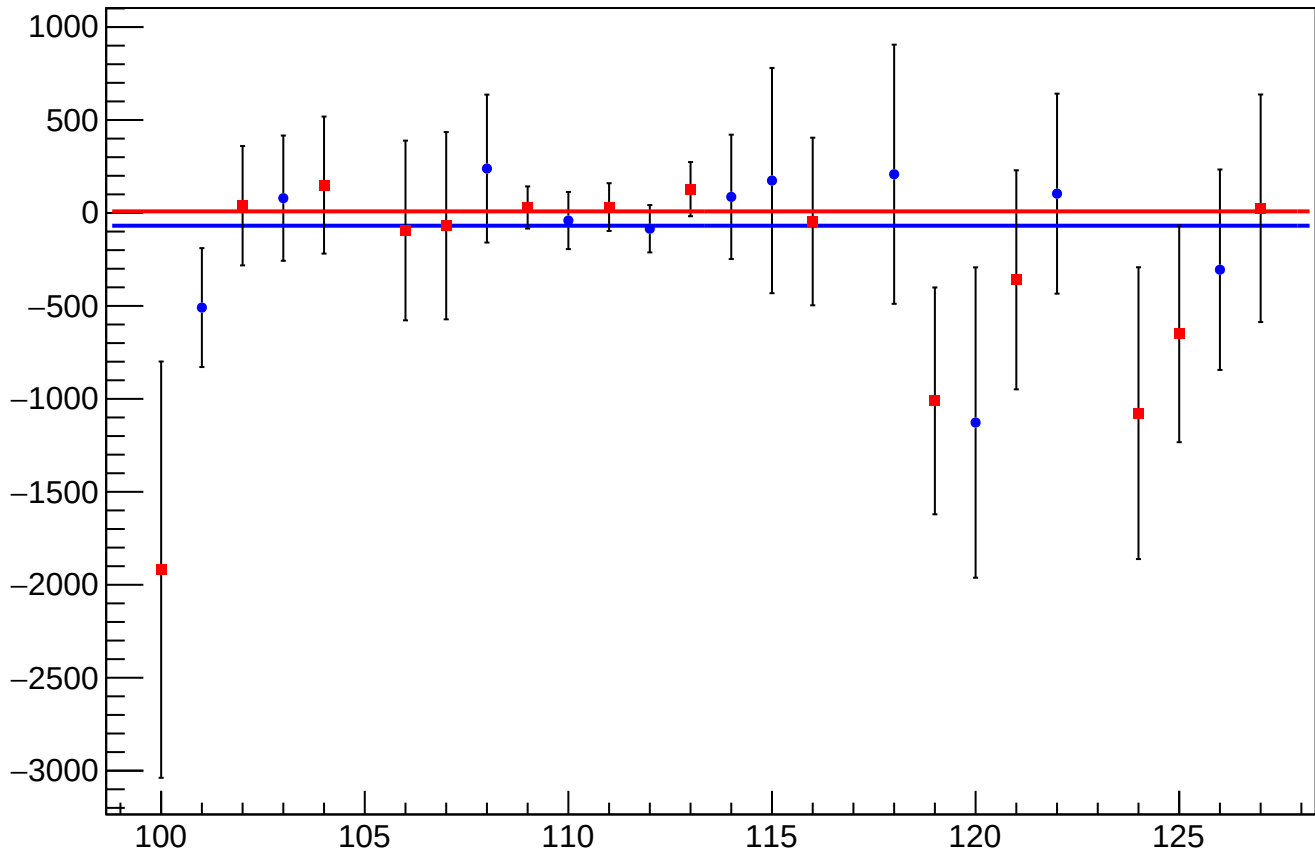
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.867+/-0.014 χ^2/NDF : 476992.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_cor_correction_mean vs Slug



Right In: -68.619+/-81.382 χ^2/NDF : 5.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.511+/-66.021 χ^2/NDF : 10.3/13

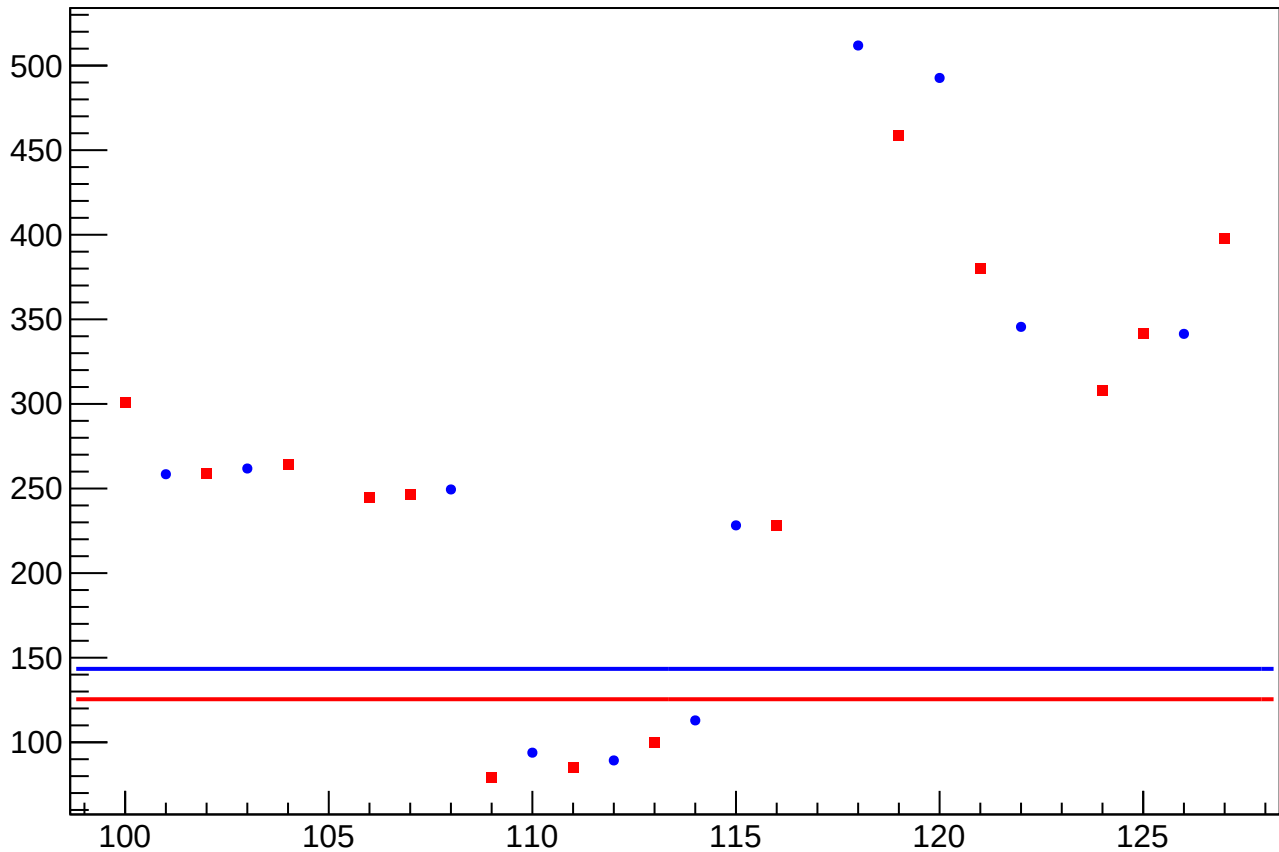
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.103+/-51.271 χ^2/NDF : 16.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_cor_correction_rms vs Slug



Right In: 143.403 $\pm$ 0.058 χ^2 /NDF: 2734576.5/10

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

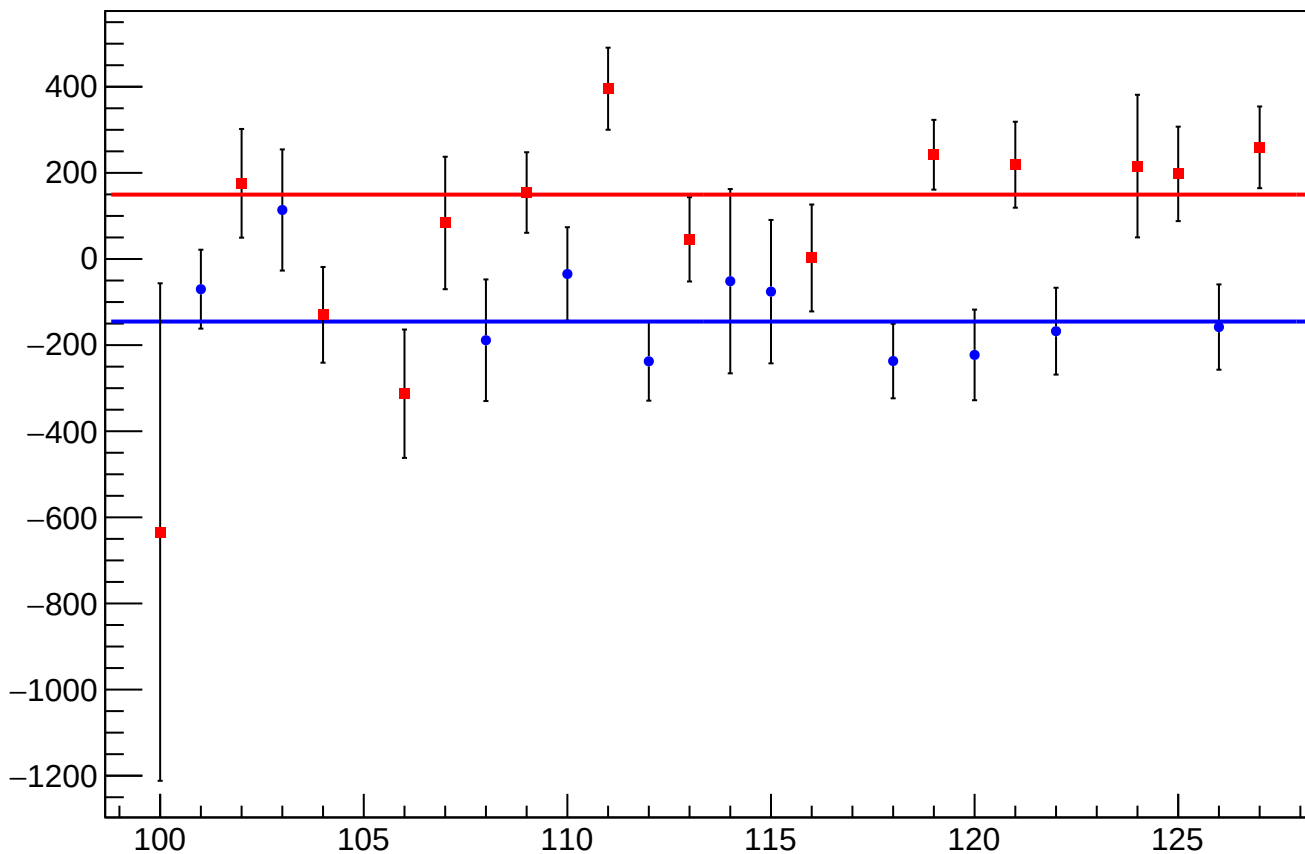
Right Out: 125.449 $\pm$ 0.047 χ^2 /NDF: 3360272.5/13

All: 132.575 $\pm$ 0.036 χ^2 /NDF: 6153554.4/24

- 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

dit_asym_sam8_mean vs Slug



Right In: -145.268+/-33.221 χ^2/NDF : 8.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.529+/-30.003 χ^2/NDF : 30.7/13

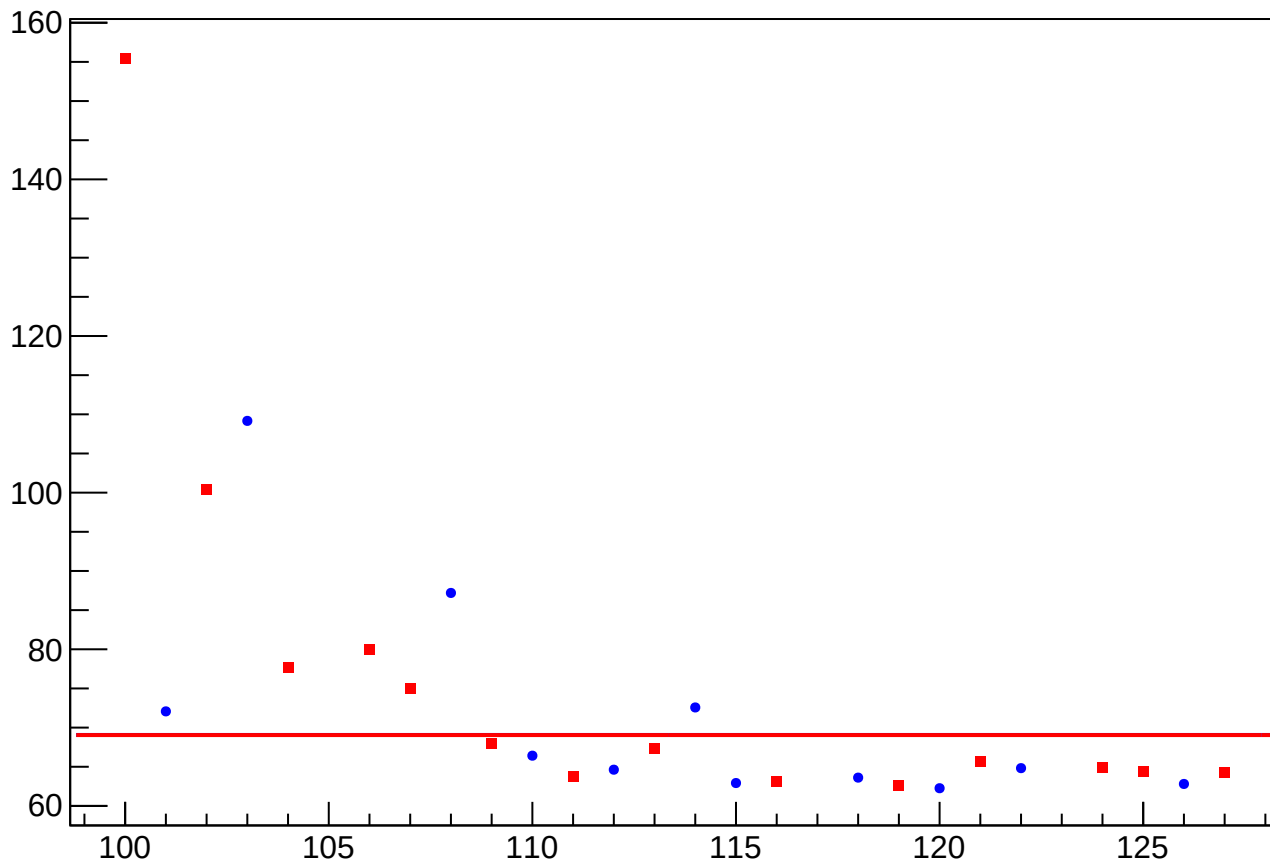
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.098+/-22.266 χ^2/NDF : 82.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam8_rms vs Slug



Right In: 69.060 $\pm$ 0.023 χ^2 /NDF: 234526.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 69.047 $\pm$ 0.021 χ^2 /NDF: 231007.9/13

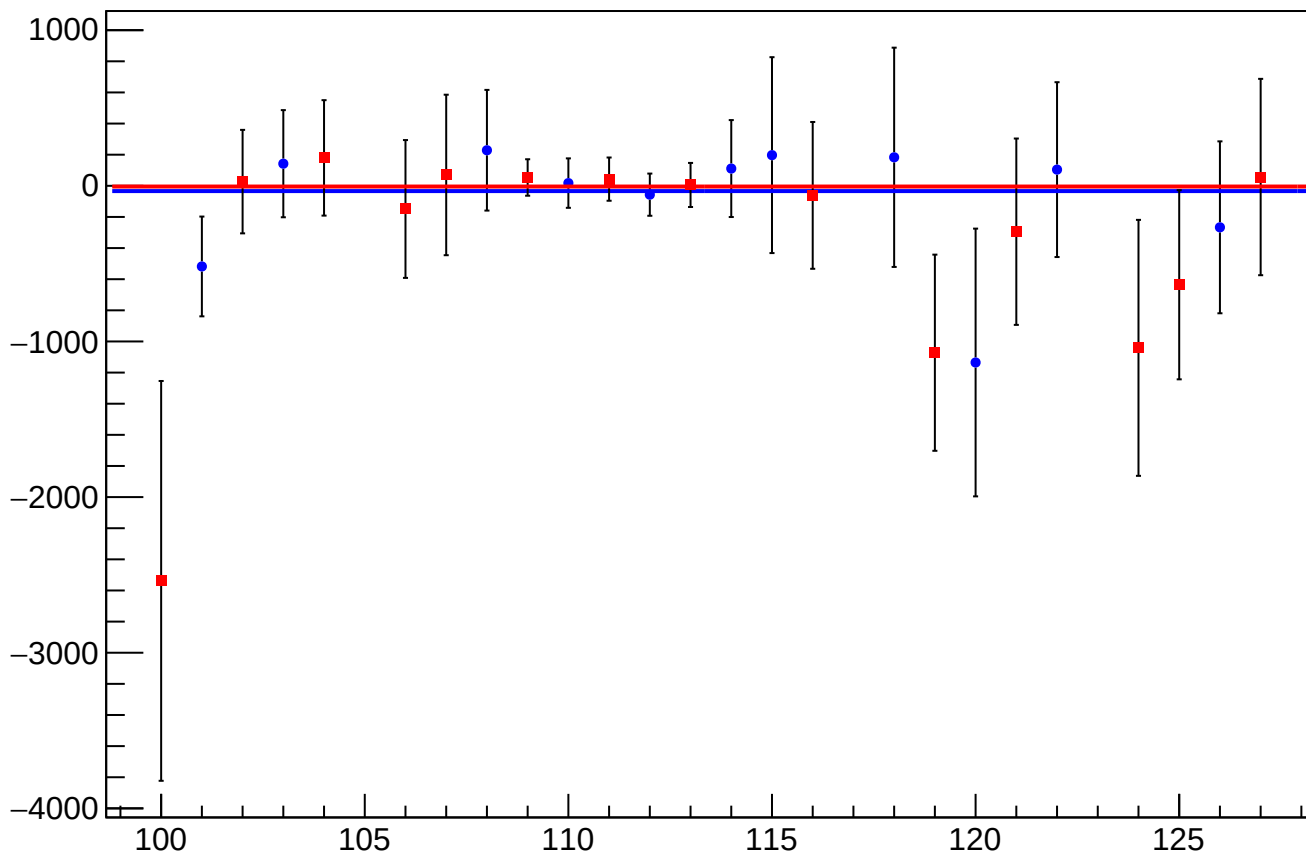
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 69.053 $\pm$ 0.016 χ^2 /NDF: 465534.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_dit_correction_mean vs Slug



Right In: -33.877 $\pm$ 84.061 χ^2 /NDF: 5.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4.614 $\pm$ 67.910 χ^2 /NDF: 10.4/13

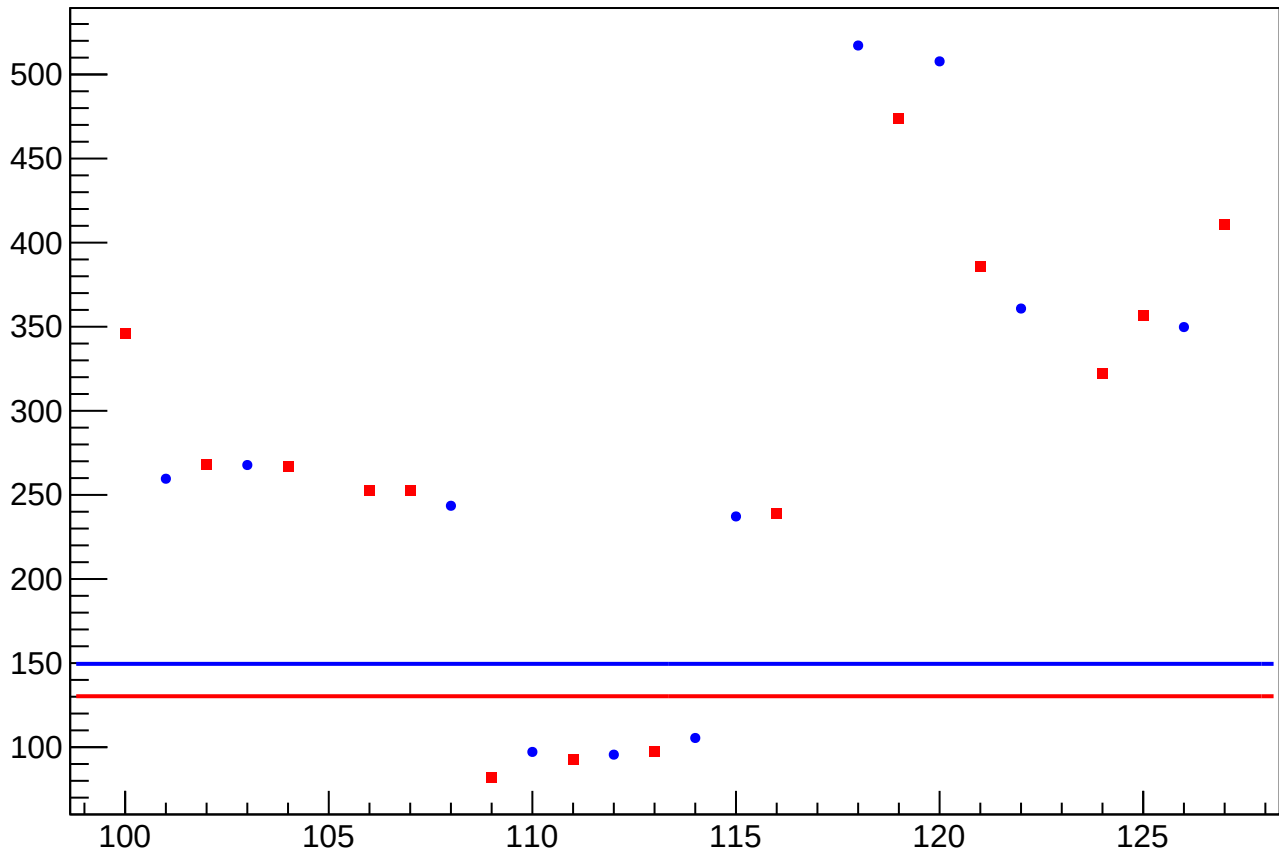
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -16.171 $\pm$ 52.826 χ^2 /NDF: 16.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_dit_correction_rms vs Slug



Right In: 149.549 $\pm$ 0.059 χ^2 /NDF: 2640226.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 130.296 $\pm$ 0.048 χ^2 /NDF: 3378989.1/13

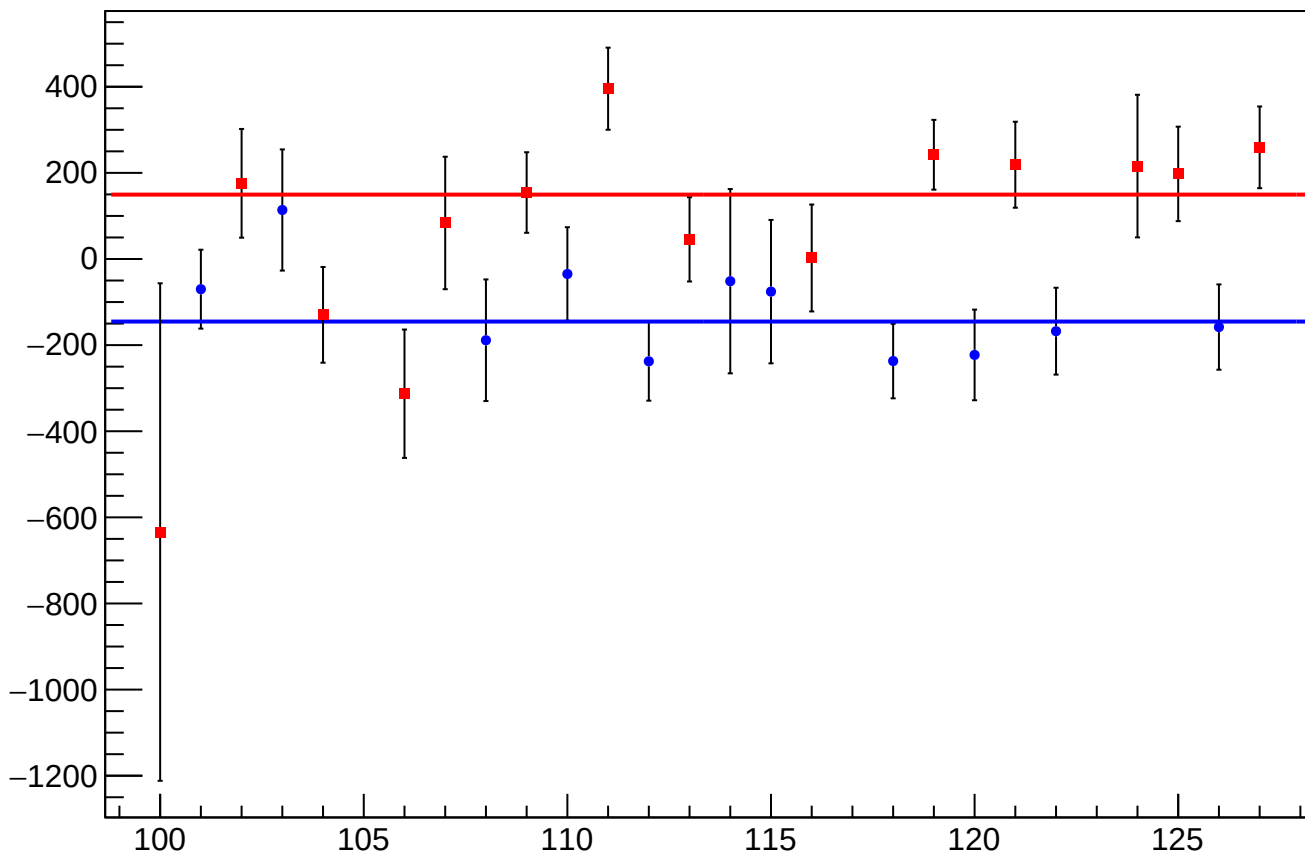
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 137.899 $\pm$ 0.037 χ^2 /NDF: 6082700.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam8_mean vs Slug



Right In: -145.268+/-33.221 χ^2/NDF : 8.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.531+/-30.003 χ^2/NDF : 30.7/13

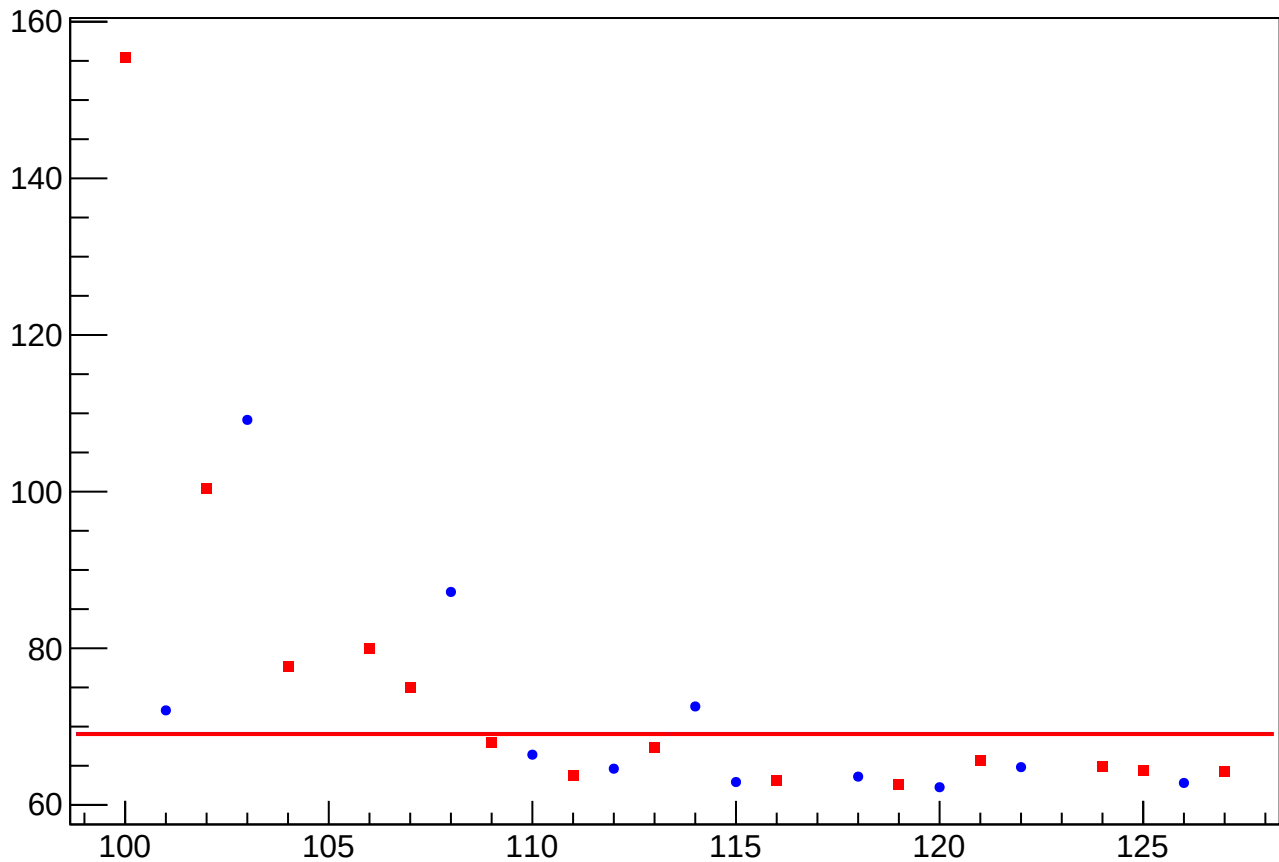
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.099+/-22.266 χ^2/NDF : 82.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam8_rms vs Slug



Right In: 69.060 $\pm$ 0.023 χ^2 /NDF: 234528.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 69.047 $\pm$ 0.021 χ^2 /NDF: 231010.6/13

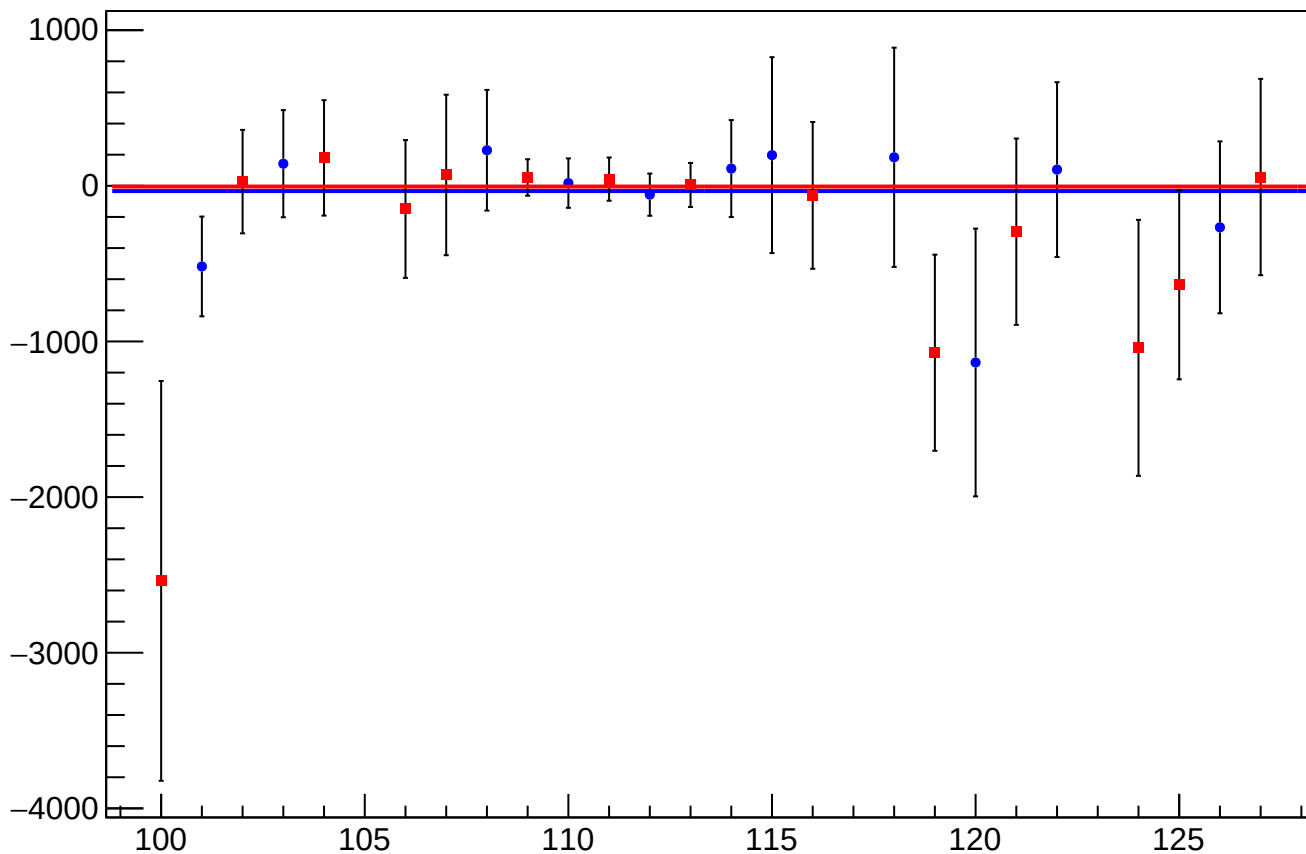
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 69.053 $\pm$ 0.016 χ^2 /NDF: 465538.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_eigen_dit_correction_mean vs Slug



Right In: -33.876 $\pm$ 84.060 χ^2 /NDF: 5.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4.613 $\pm$ 67.910 χ^2 /NDF: 10.4/13

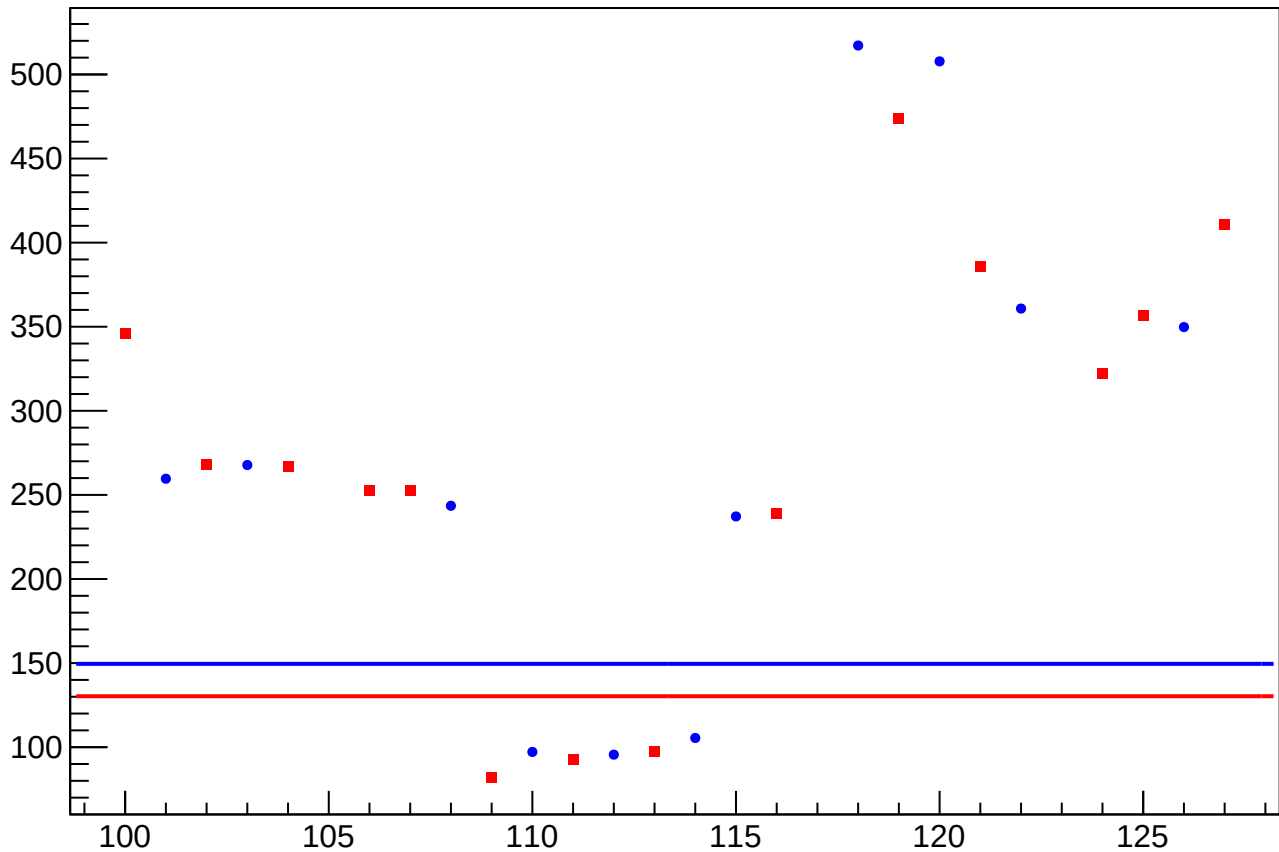
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -16.169 $\pm$ 52.825 χ^2 /NDF: 16.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_eigen_dit_correction_rms vs Slug



Right In: 149.548 $\pm$ 0.059 χ^2 /NDF: 2640237.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 130.295 $\pm$ 0.048 χ^2 /NDF: 3378973.7/13

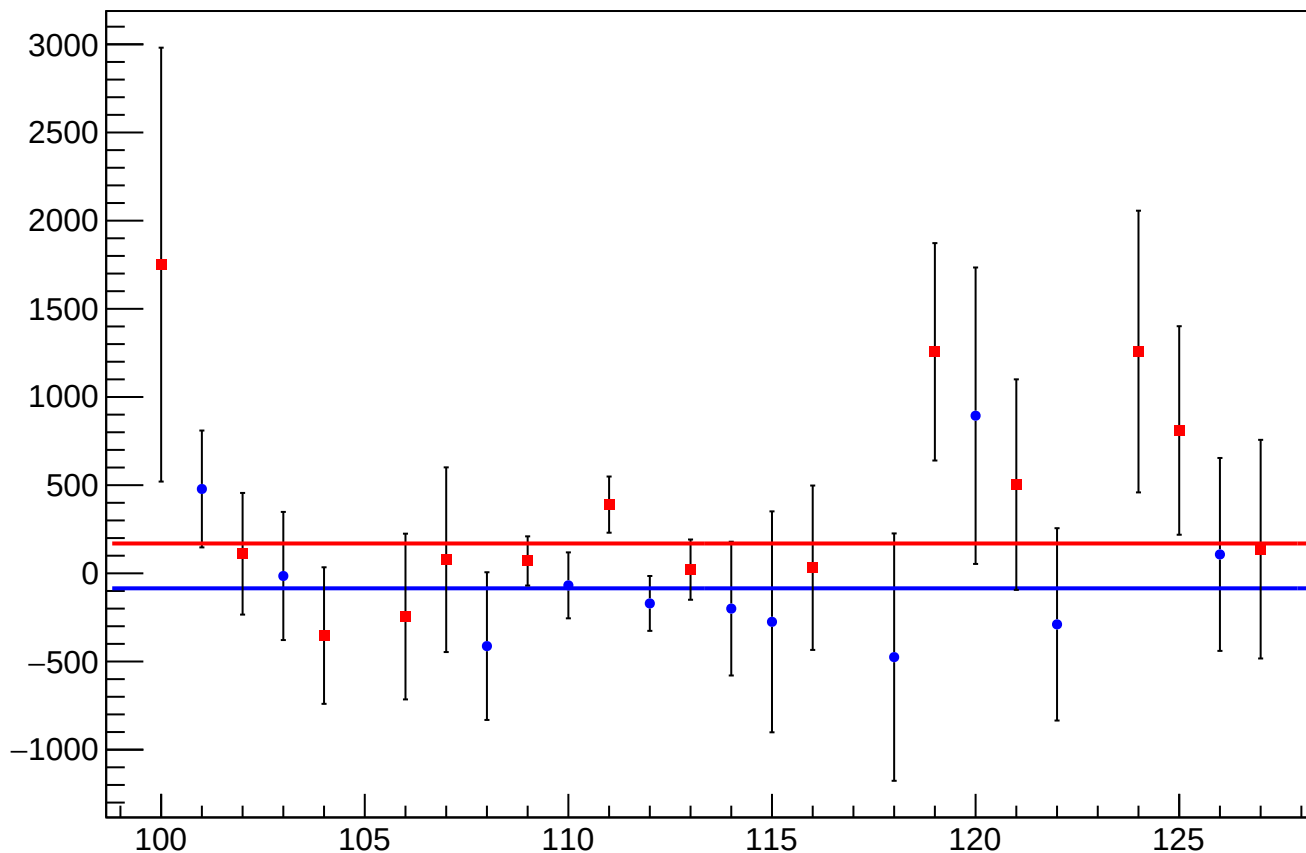
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 137.898 $\pm$ 0.037 χ^2 /NDF: 6082691.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_mean vs Slug



Right In: -84.965 ± 94.510 χ^2/NDF : 6.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 169.289 ± 77.601 χ^2/NDF : 14.0/13

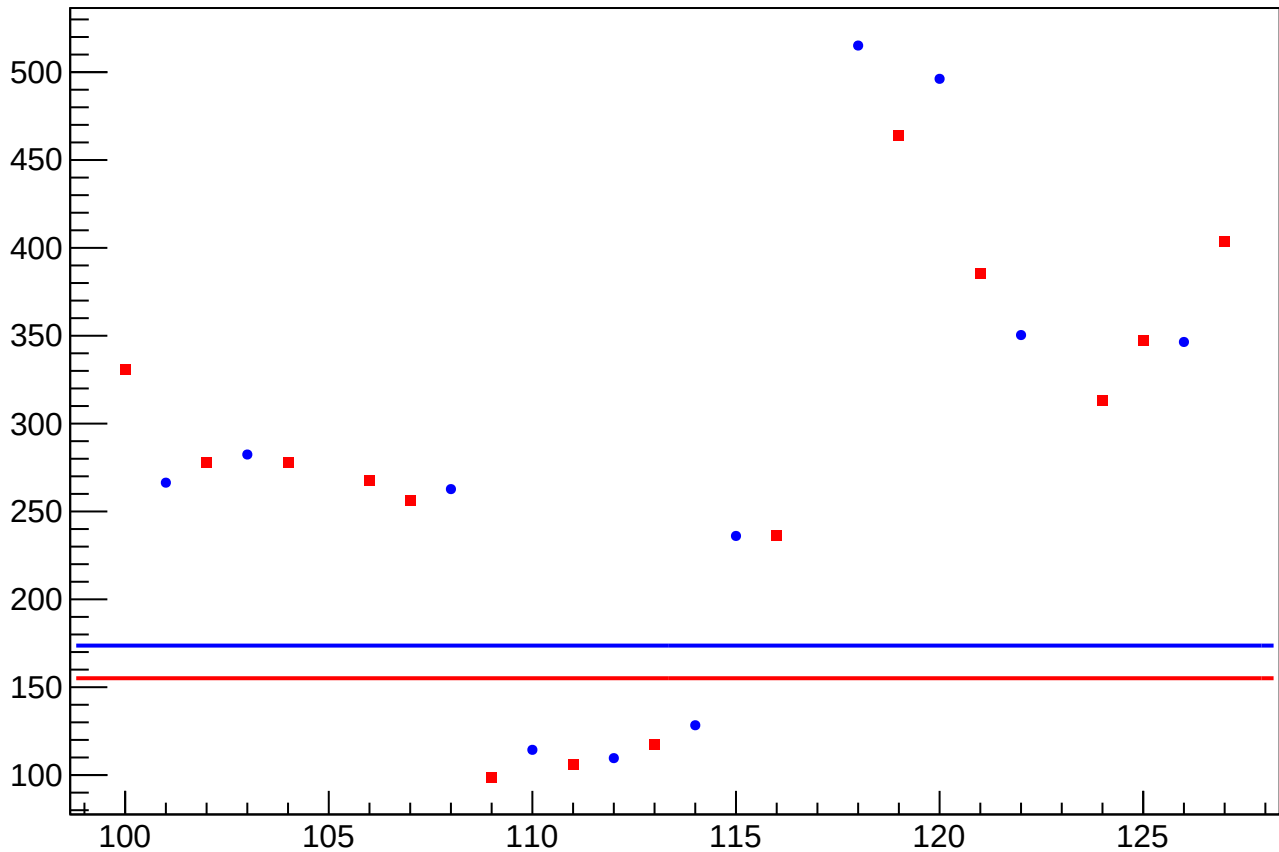
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 66.903 ± 59.975 χ^2/NDF : 24.3/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam8_rms vs Slug



Right In: 173.677 $\pm$ 0.067 χ^2 /NDF: 2192685.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 155.099 $\pm$ 0.055 χ^2 /NDF: 2770682.6/13

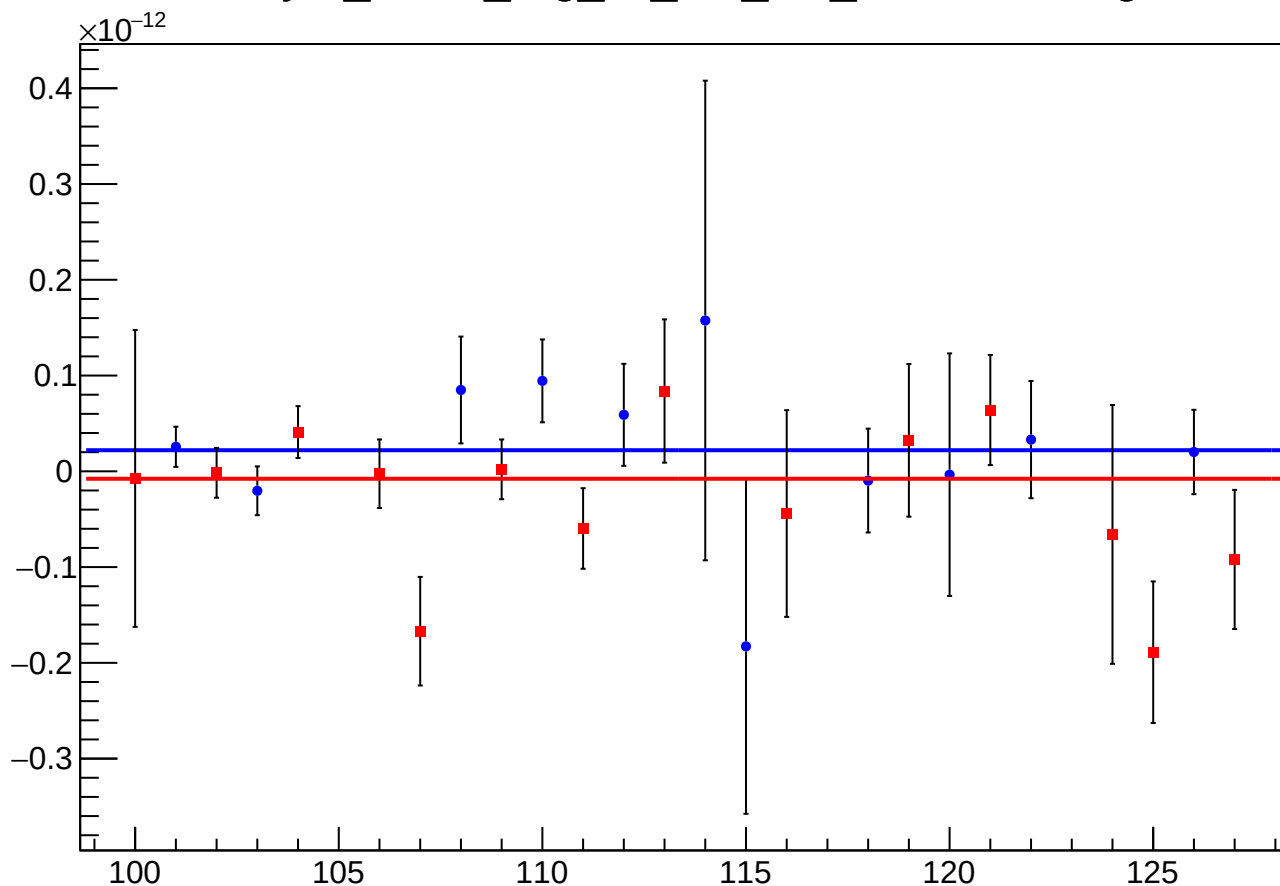
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 162.581 $\pm$ 0.042 χ^2 /NDF: 5009529.0/24

- 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 $\pm$ 0.000 χ^2 /NDF: 9.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 23.8/13

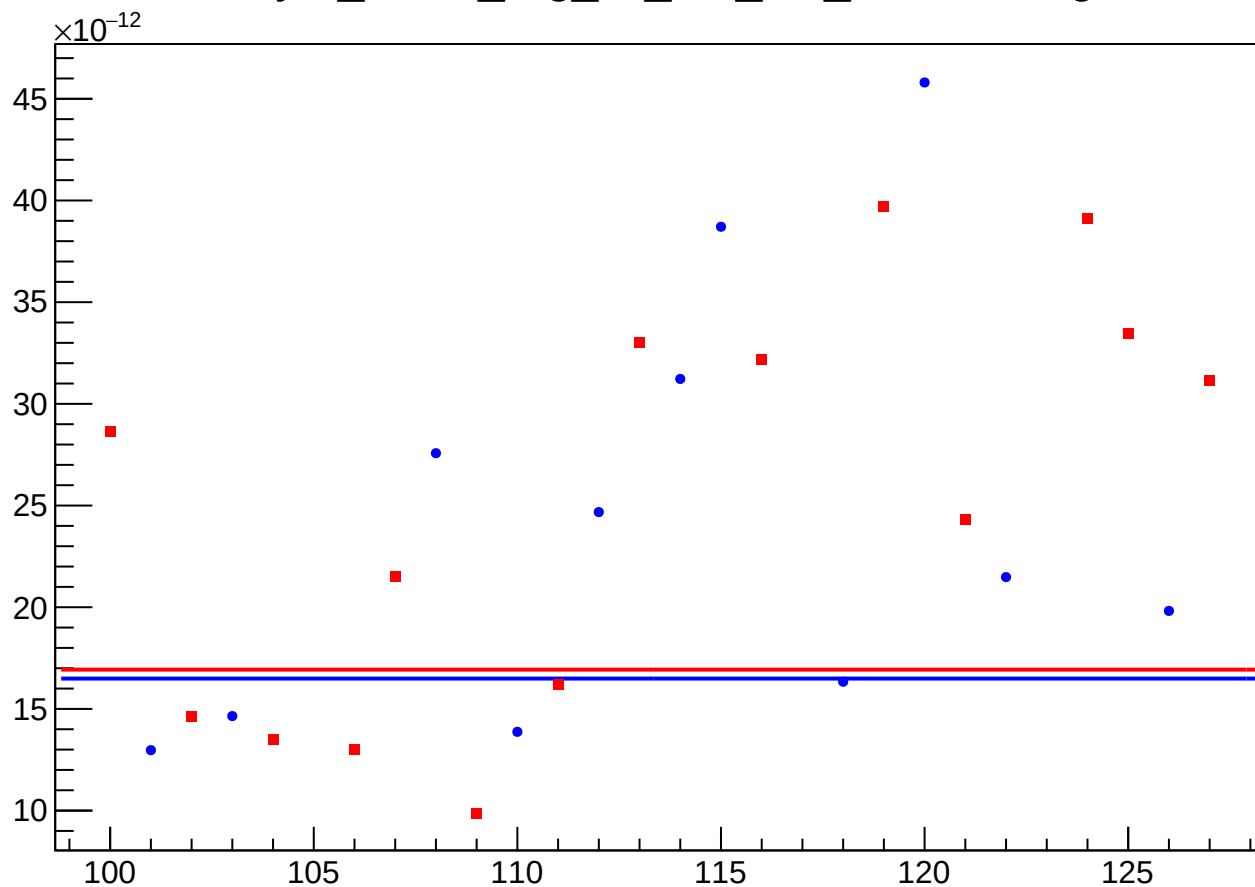
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 36.1/24

- sign 0.000 $\pm$ 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 : 371491.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 759402.1/13

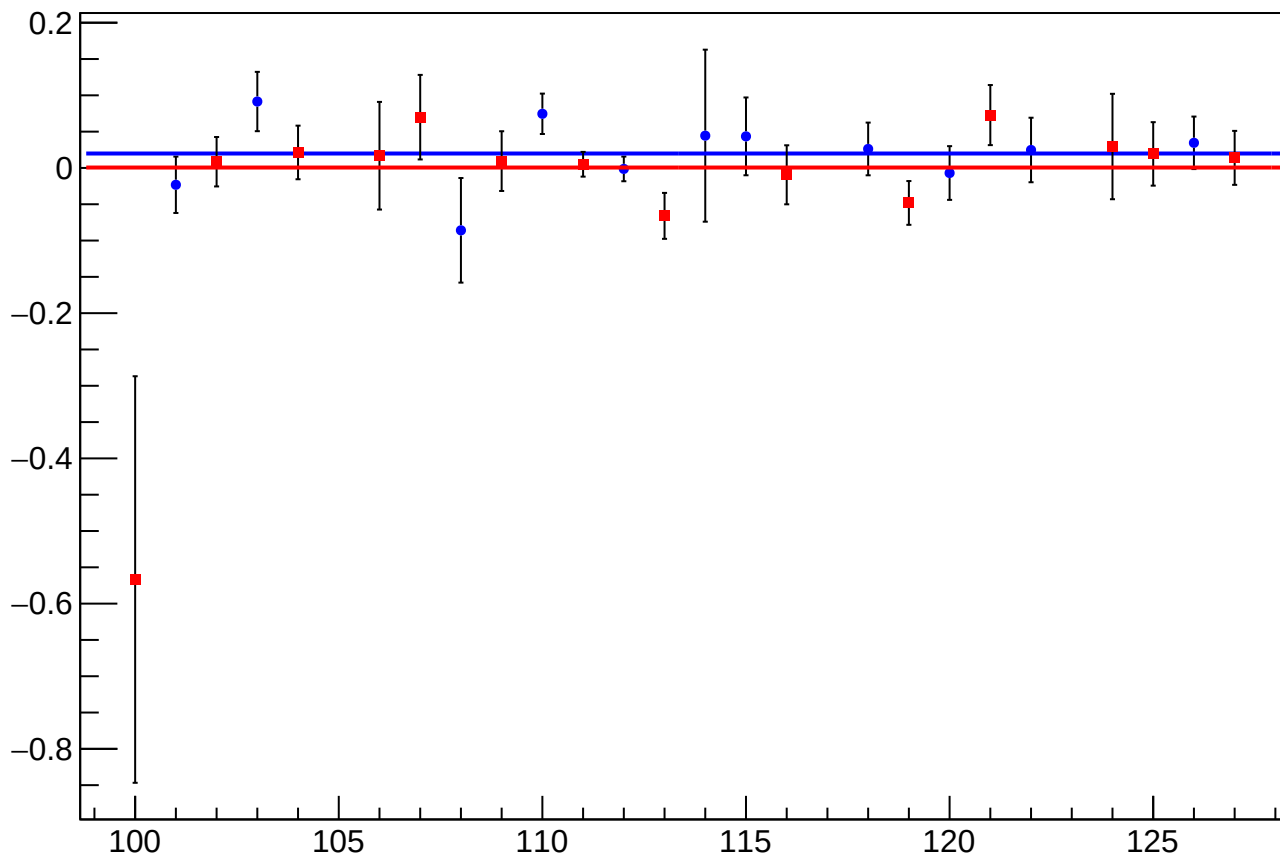
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1132148.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_dit_vs_cor_diff_mean vs Slug



Right In: 0.020+/-0.010 χ^2/NDF : 12.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.010 χ^2/NDF : 16.7/13

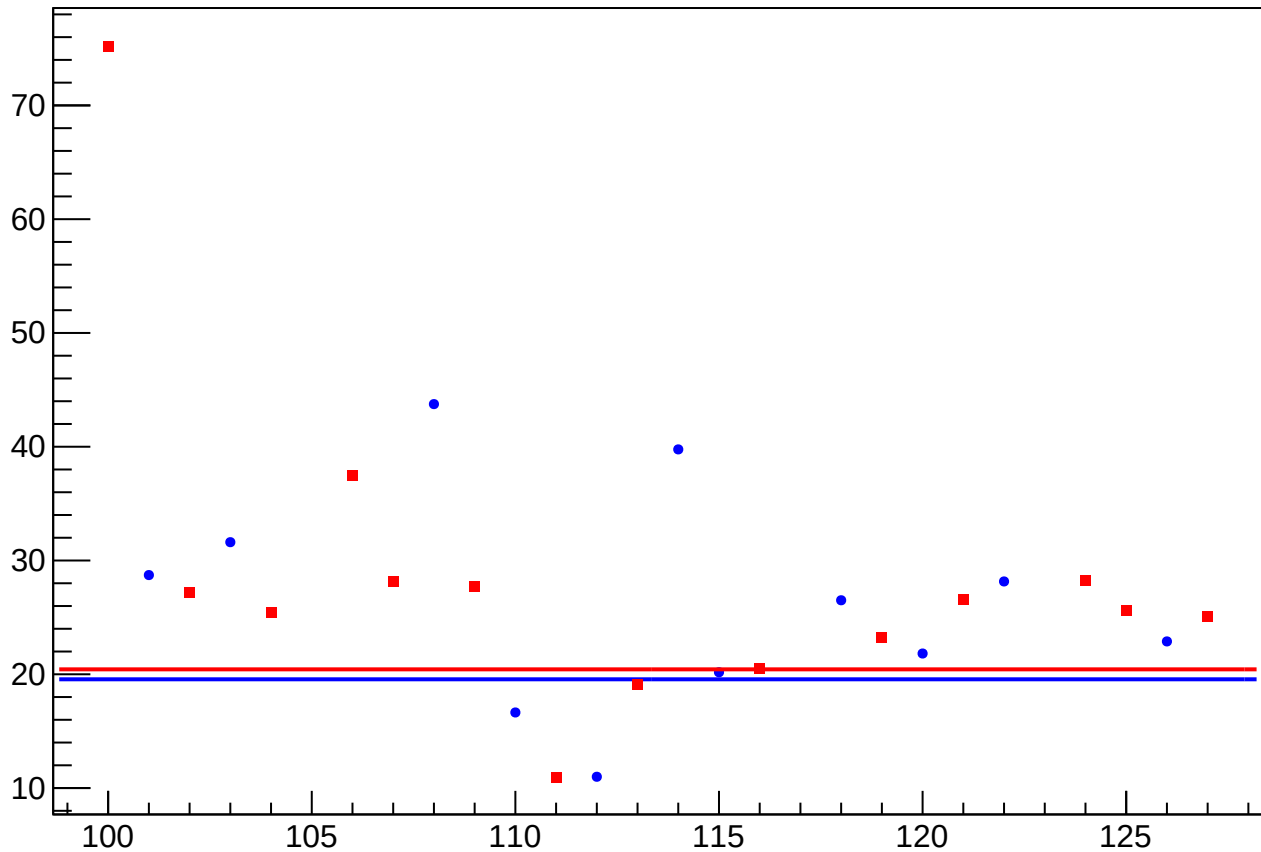
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.007 χ^2/NDF : 31.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_dit_vs_cor_diff_rms vs Slug



Right In: 19.559+/-0.007 χ^2/NDF : 1272771.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.434+/-0.007 χ^2/NDF : 1166944.3/13

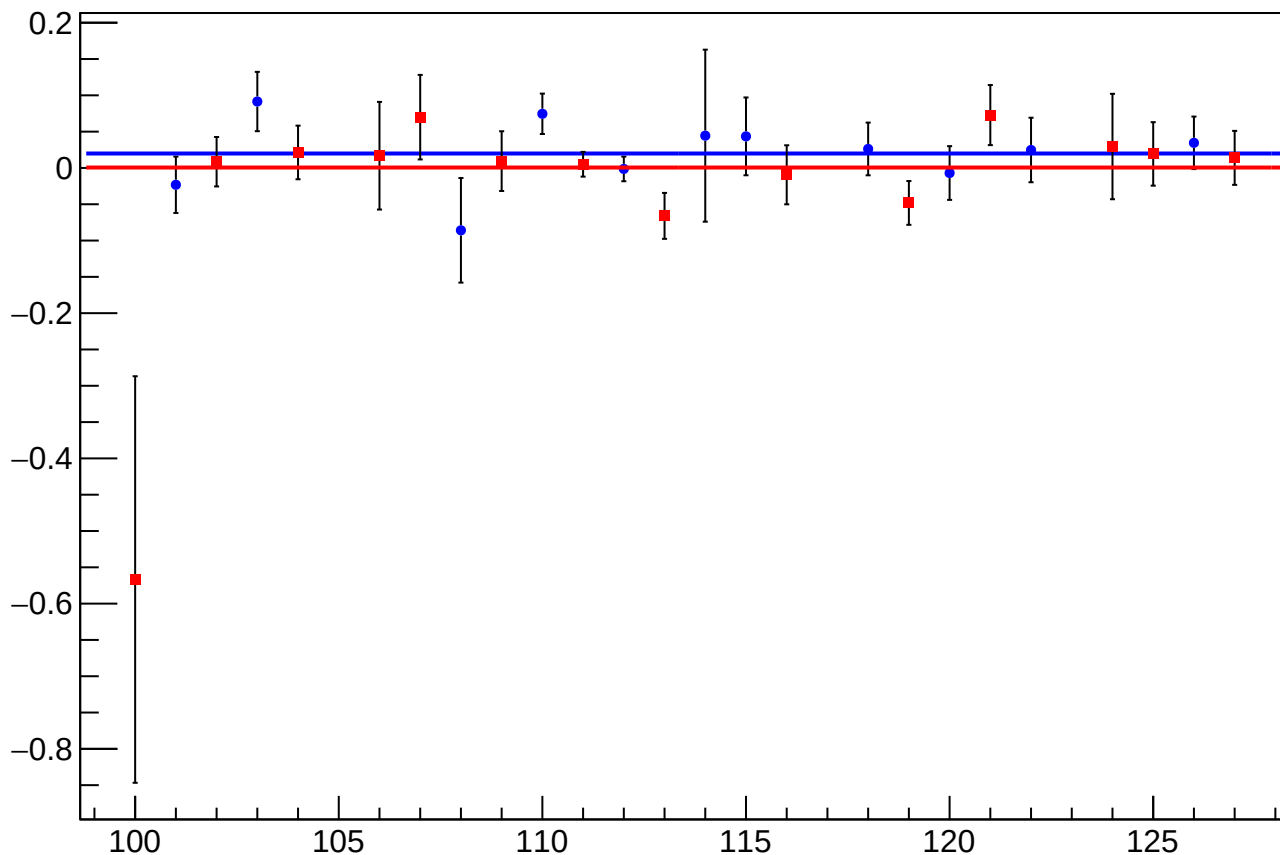
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.028+/-0.005 χ^2/NDF : 2447428.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.020+/-0.010 χ^2/NDF : 12.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.010 χ^2/NDF : 16.7/13

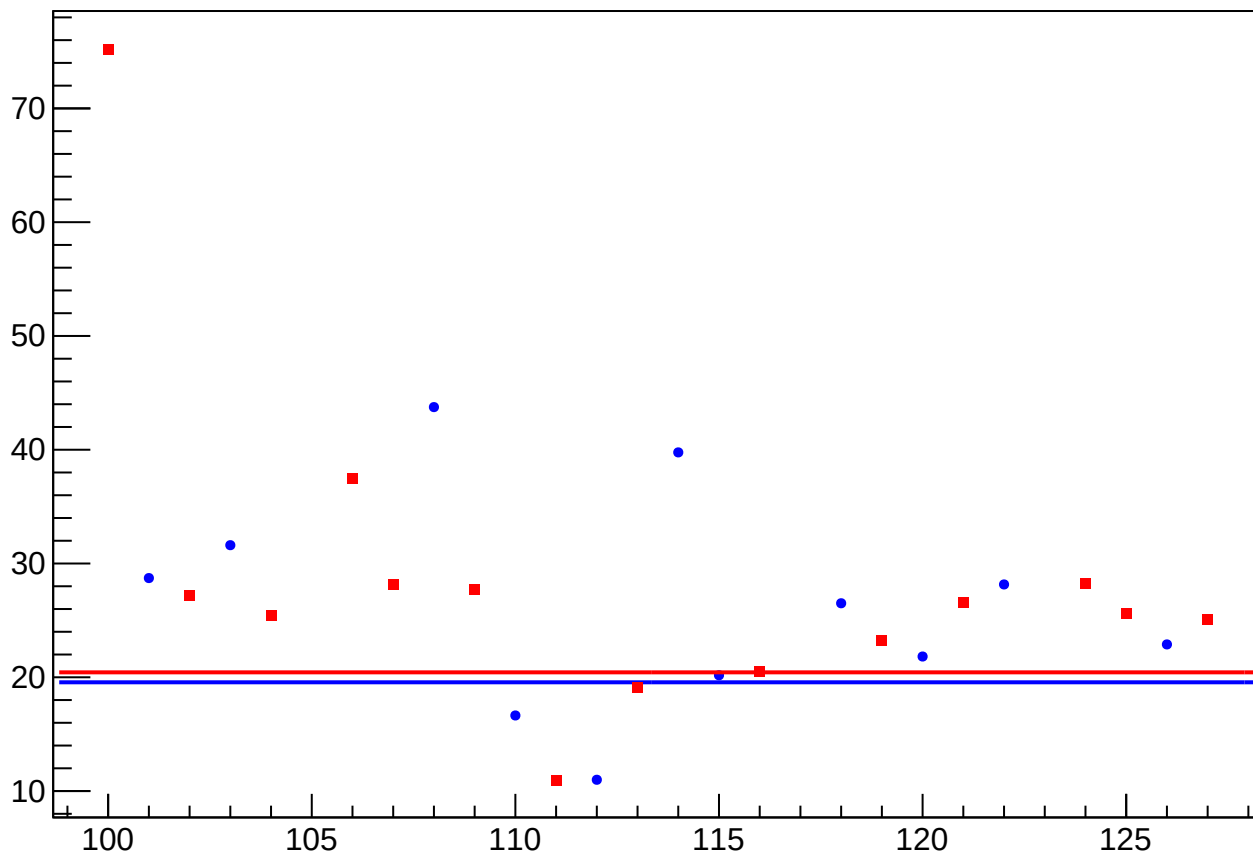
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.007 χ^2/NDF : 31.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 19.559+/-0.007 χ^2/NDF : 1272771.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.434+/-0.007 χ^2/NDF : 1166944.3/13

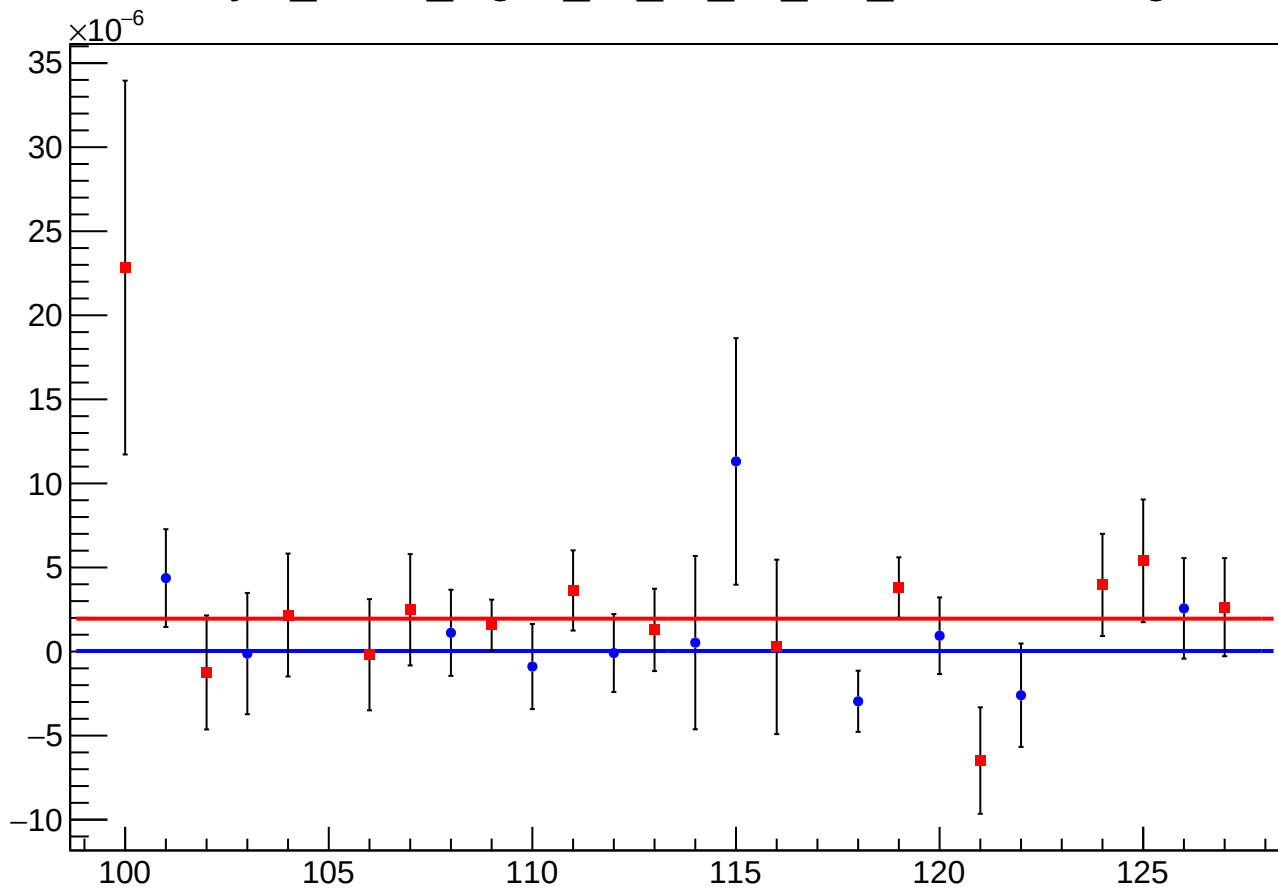
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.028+/-0.005 χ^2/NDF : 2447428.2/24

- 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 $\pm$ 0.000 χ^2 /NDF: 9.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.2/13

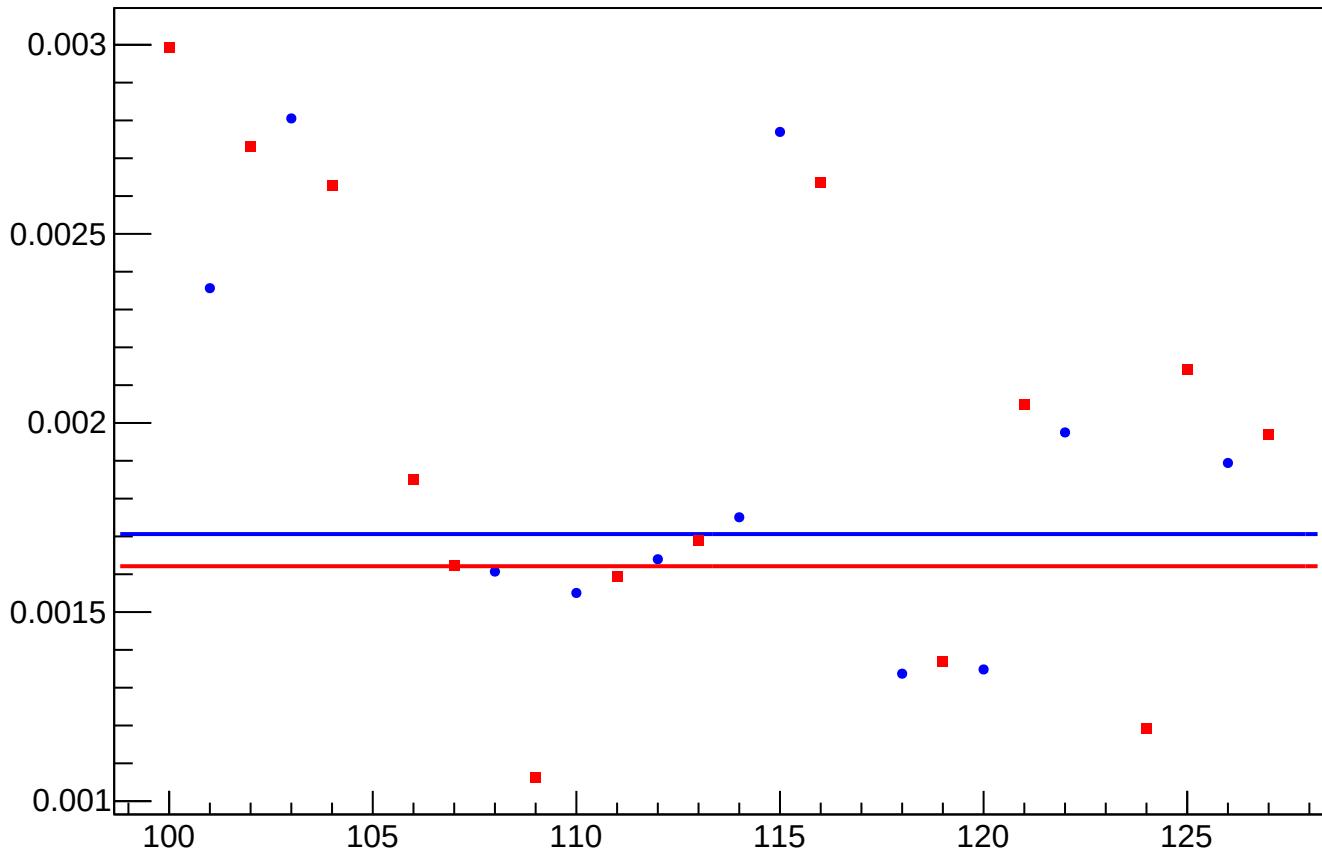
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 27.4/24

- sign 0.000 $\pm$ 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: 494785.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 944264.5/13

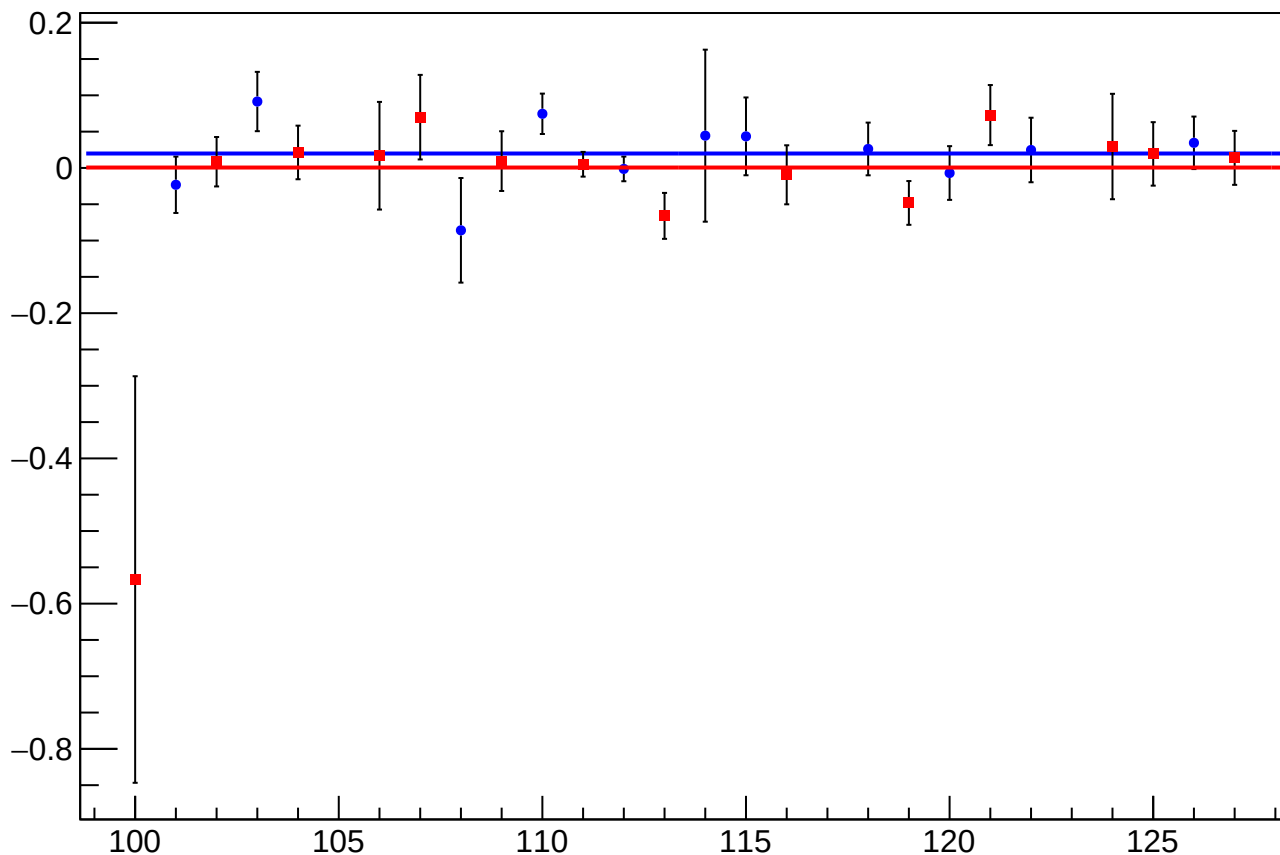
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 1450912.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.020 $\pm$ 0.010 χ^2 /NDF: 12.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.001 $\pm$ 0.010 χ^2 /NDF: 16.7/13

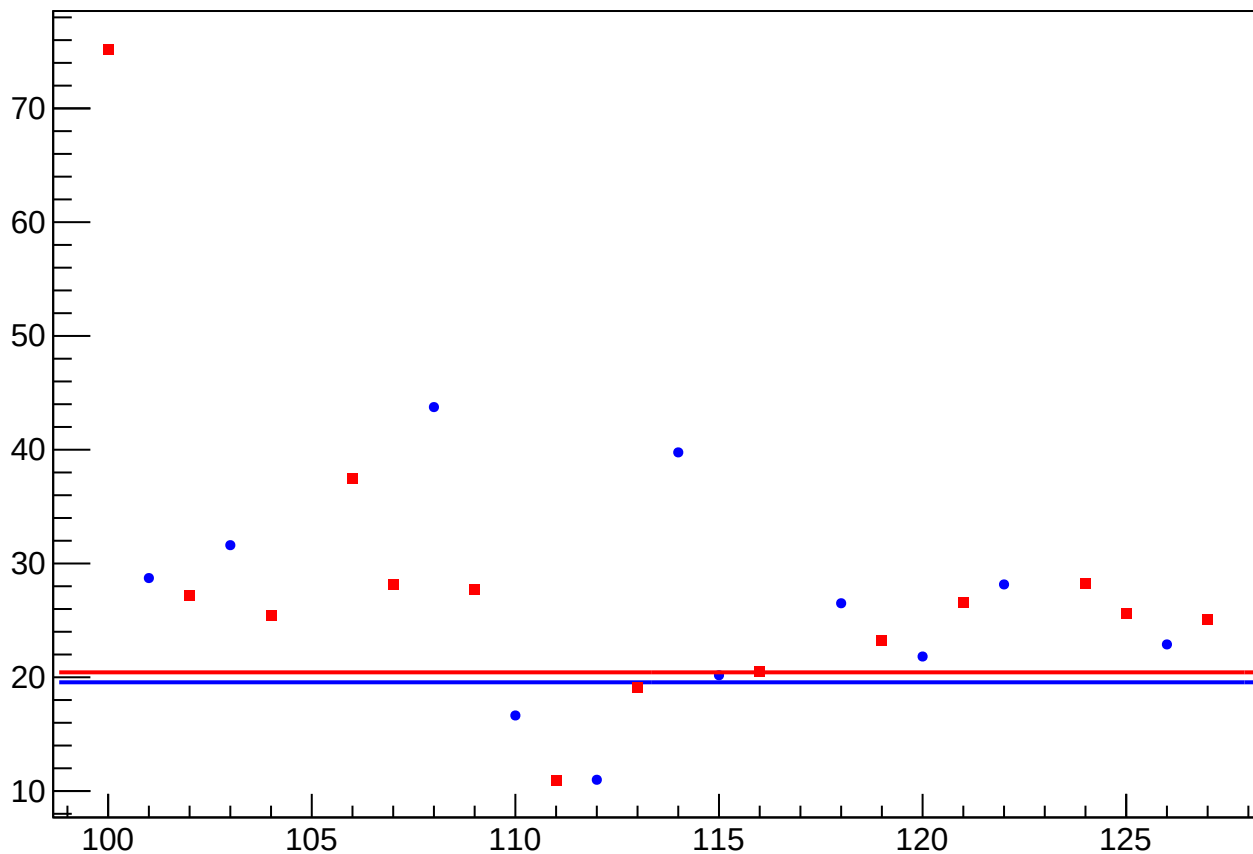
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.007 χ^2 /NDF: 31.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 19.558+/-0.007 χ^2/NDF : 1272912.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.433+/-0.007 χ^2/NDF : 1167085.1/13

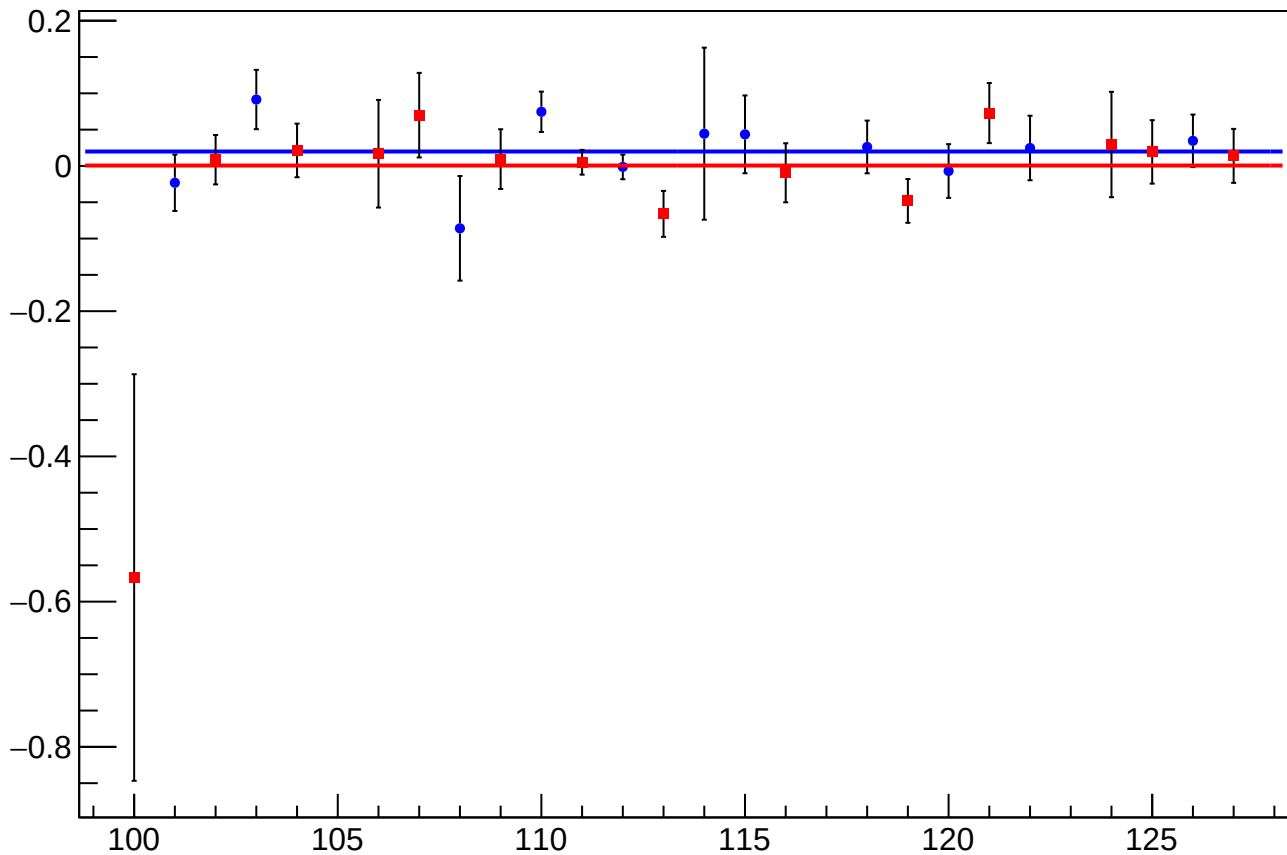
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.027+/-0.005 χ^2/NDF : 2447712.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.020+/-0.010 χ^2/NDF : 12.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.010 χ^2/NDF : 16.7/13

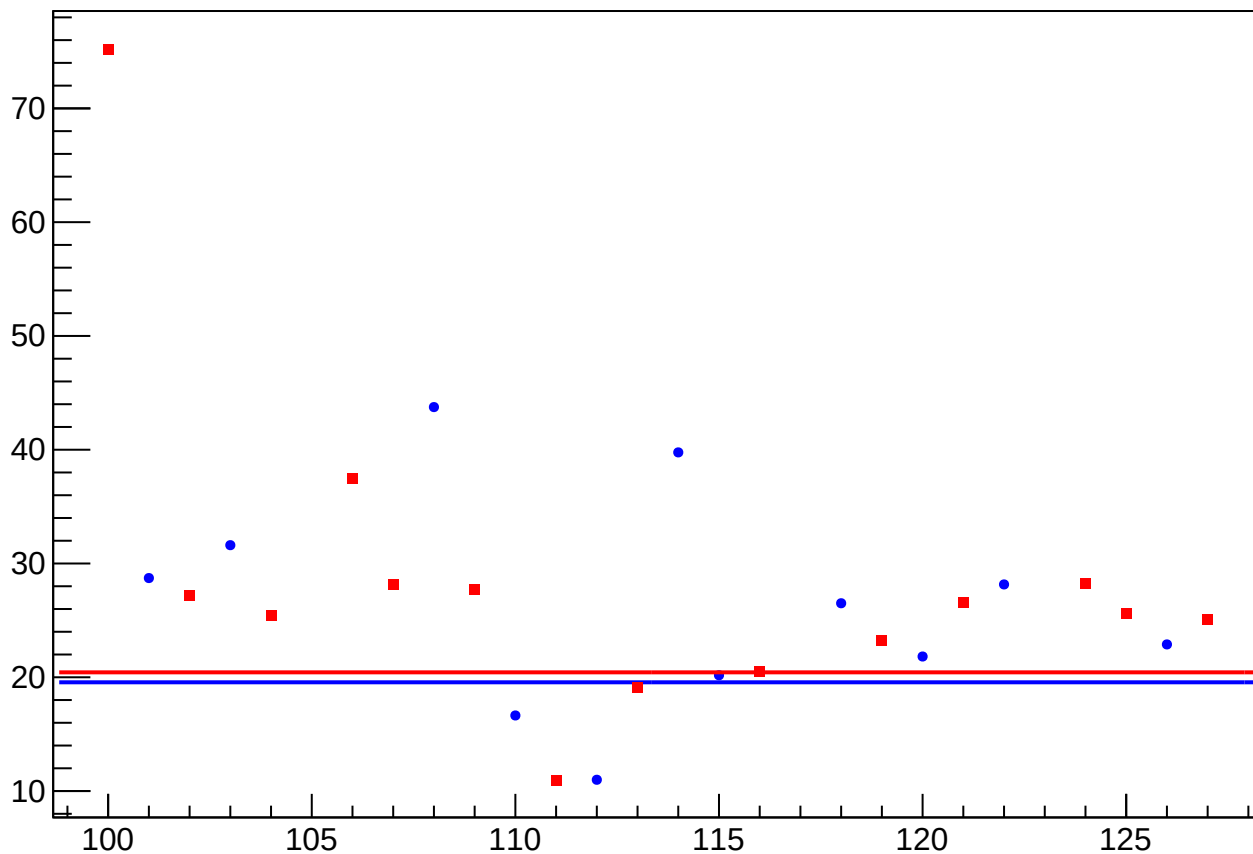
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.007 χ^2/NDF : 31.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 19.558+/-0.007 χ^2/NDF : 1272912.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.433+/-0.007 χ^2/NDF : 1167085.1/13

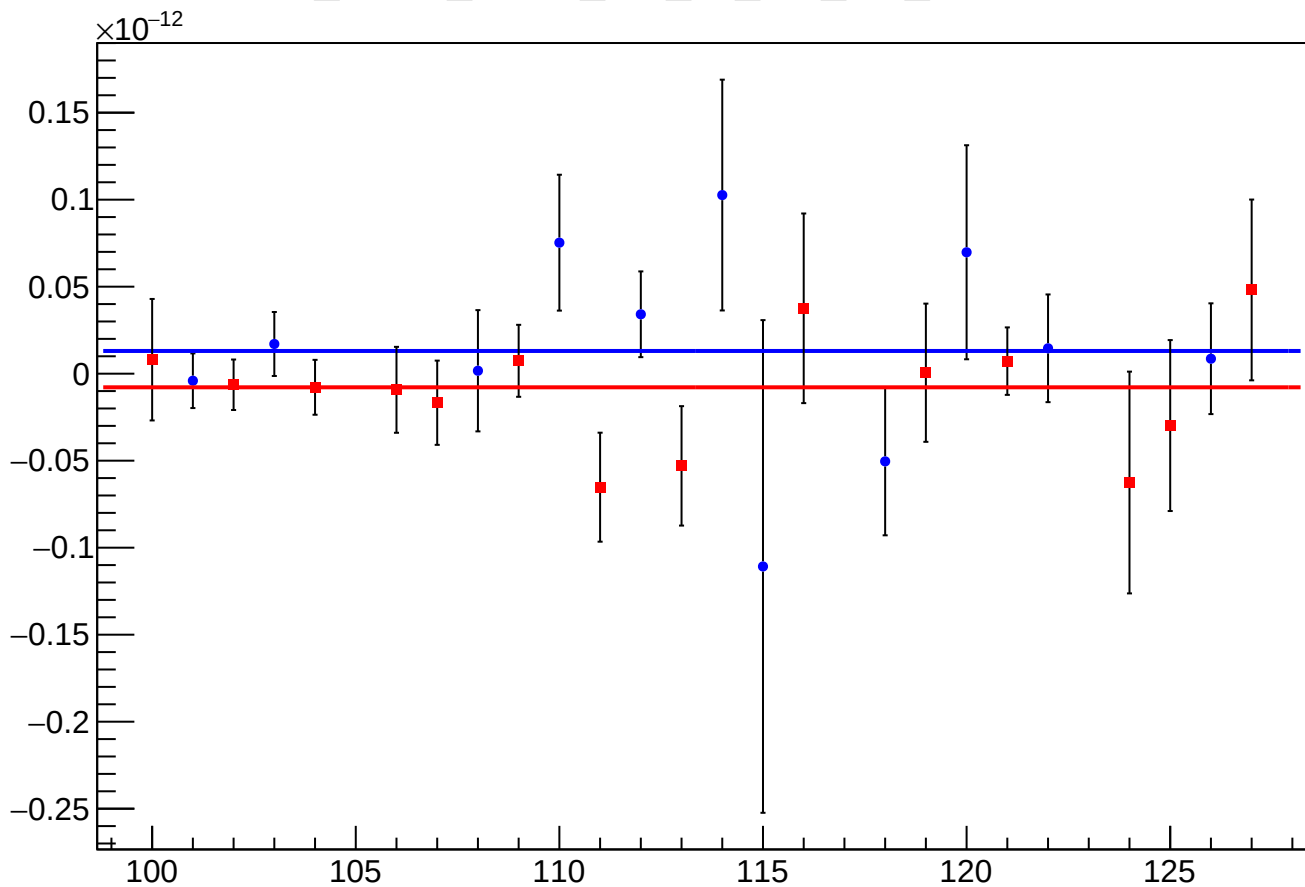
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.027+/-0.005 χ^2/NDF : 2447712.3/24

- 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 : 10.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.4/13

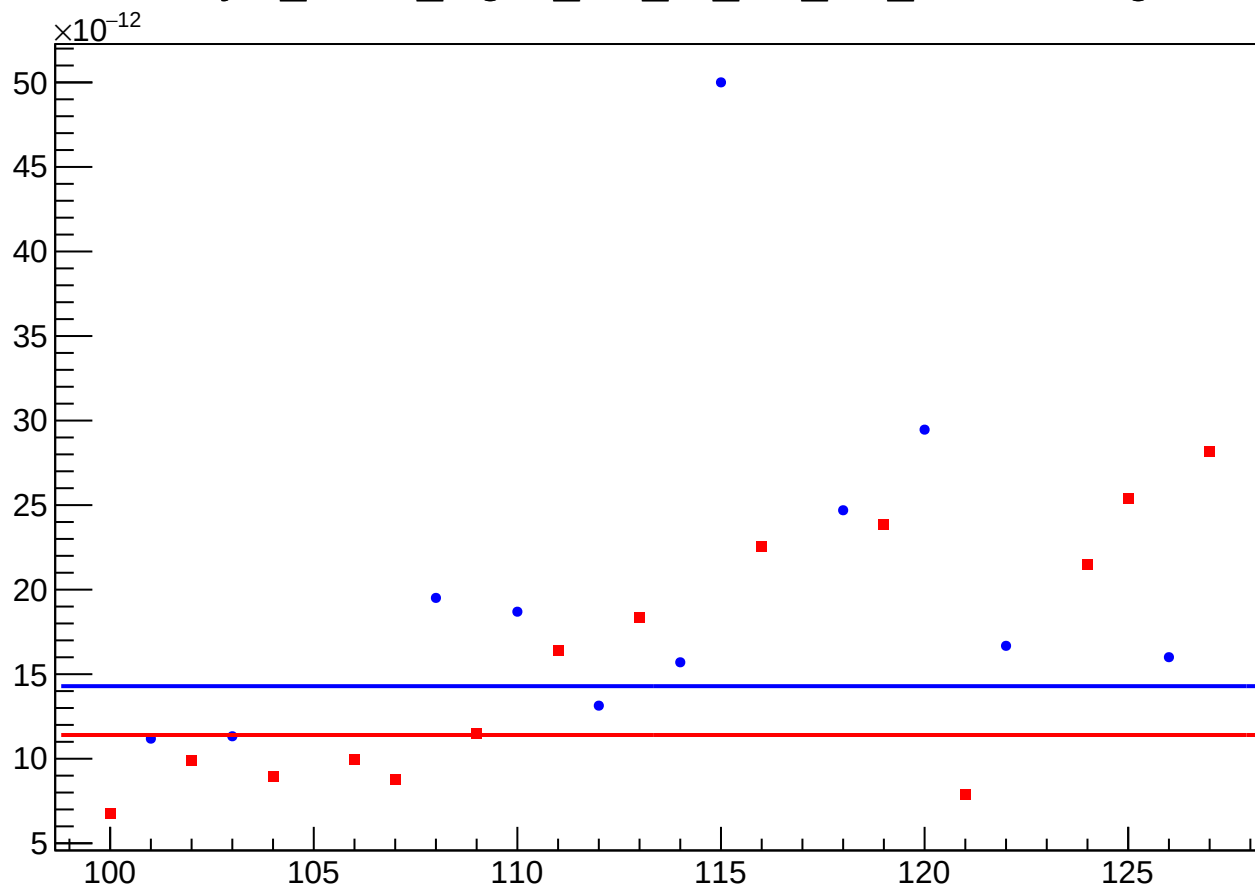
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.3/24

- 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 : 592162.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1037115.5/13

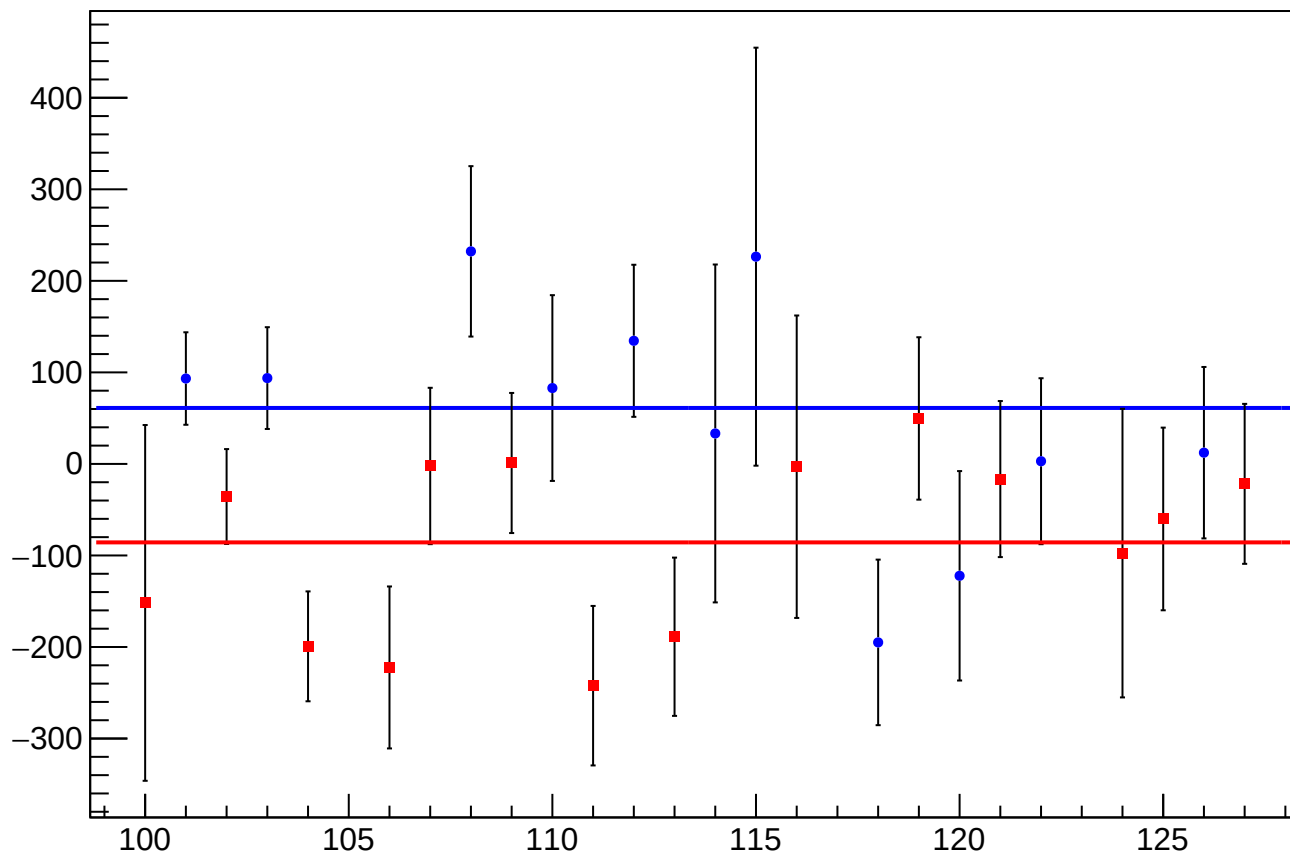
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1766893.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_mean vs Slug



Right In: 61.147+/-25.352 χ^2/NDF : 16.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -85.724+/-22.643 χ^2/NDF : 17.7/13

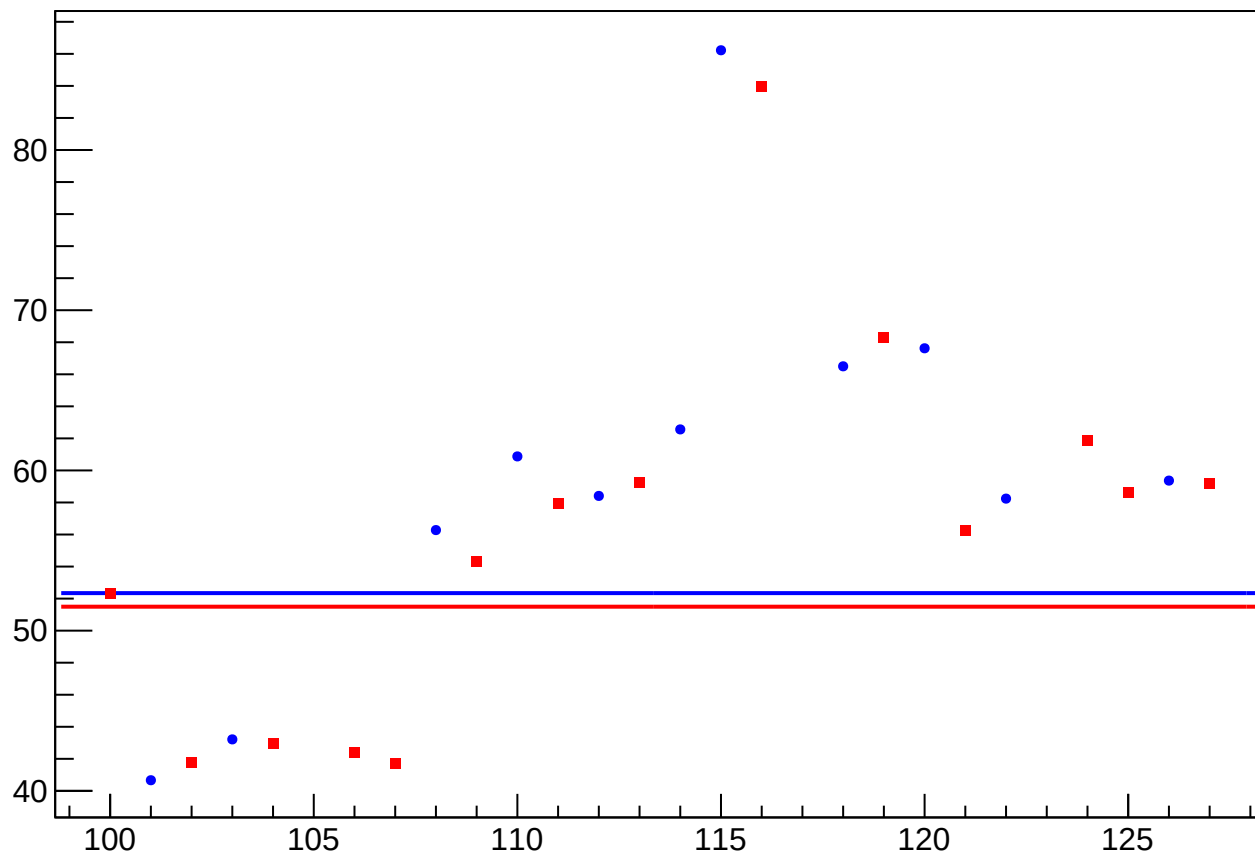
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.552+/-16.888 χ^2/NDF : 53.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_rms vs Slug



Right In: 52.343 ± 0.018 χ^2/NDF : 343785.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 51.496 ± 0.016 χ^2/NDF : 377628.5/13

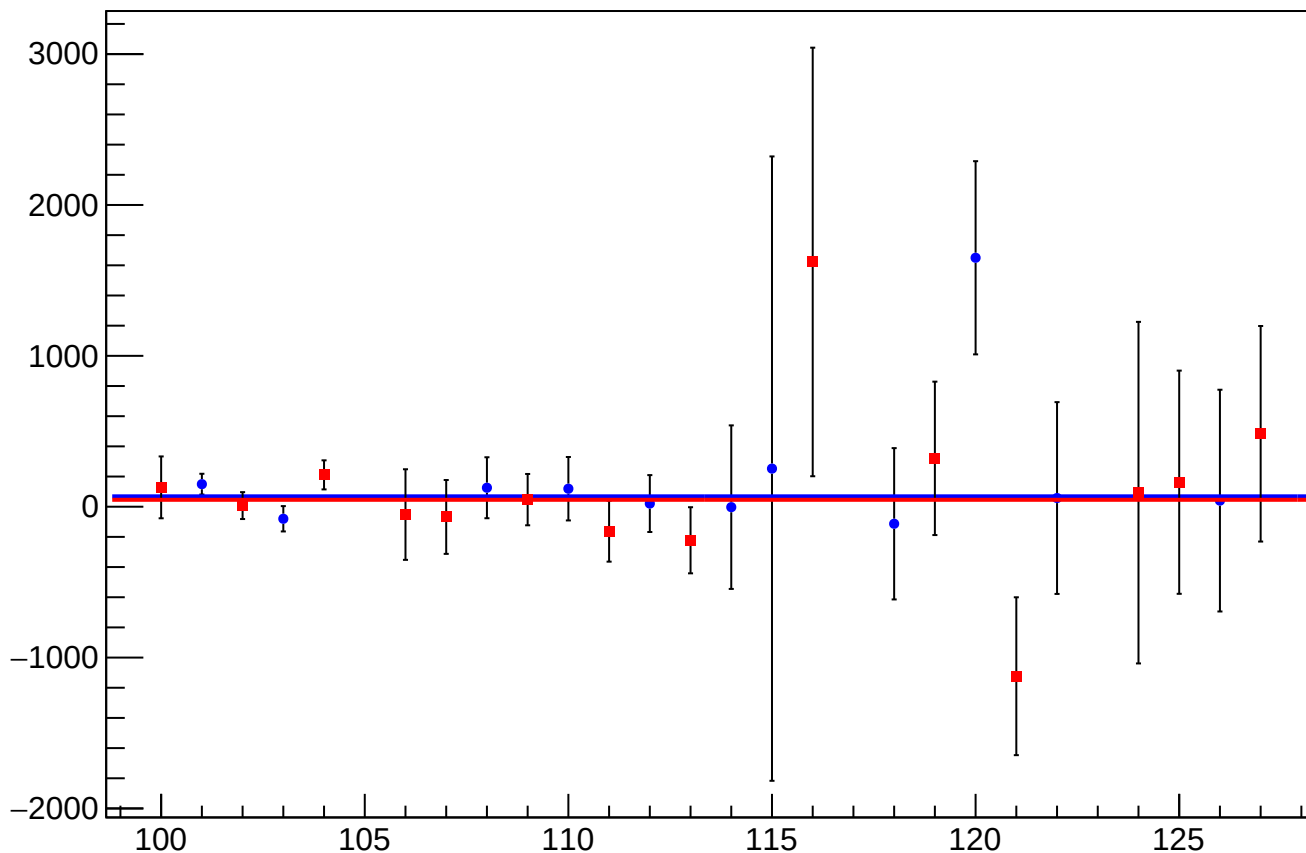
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 51.872 ± 0.012 χ^2/NDF : 722656.5/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_reg_correction_mean vs Slug



Right In: 68.793+/-47.526 χ^2/NDF : 11.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.794+/-51.455 χ^2/NDF : 13.1/13

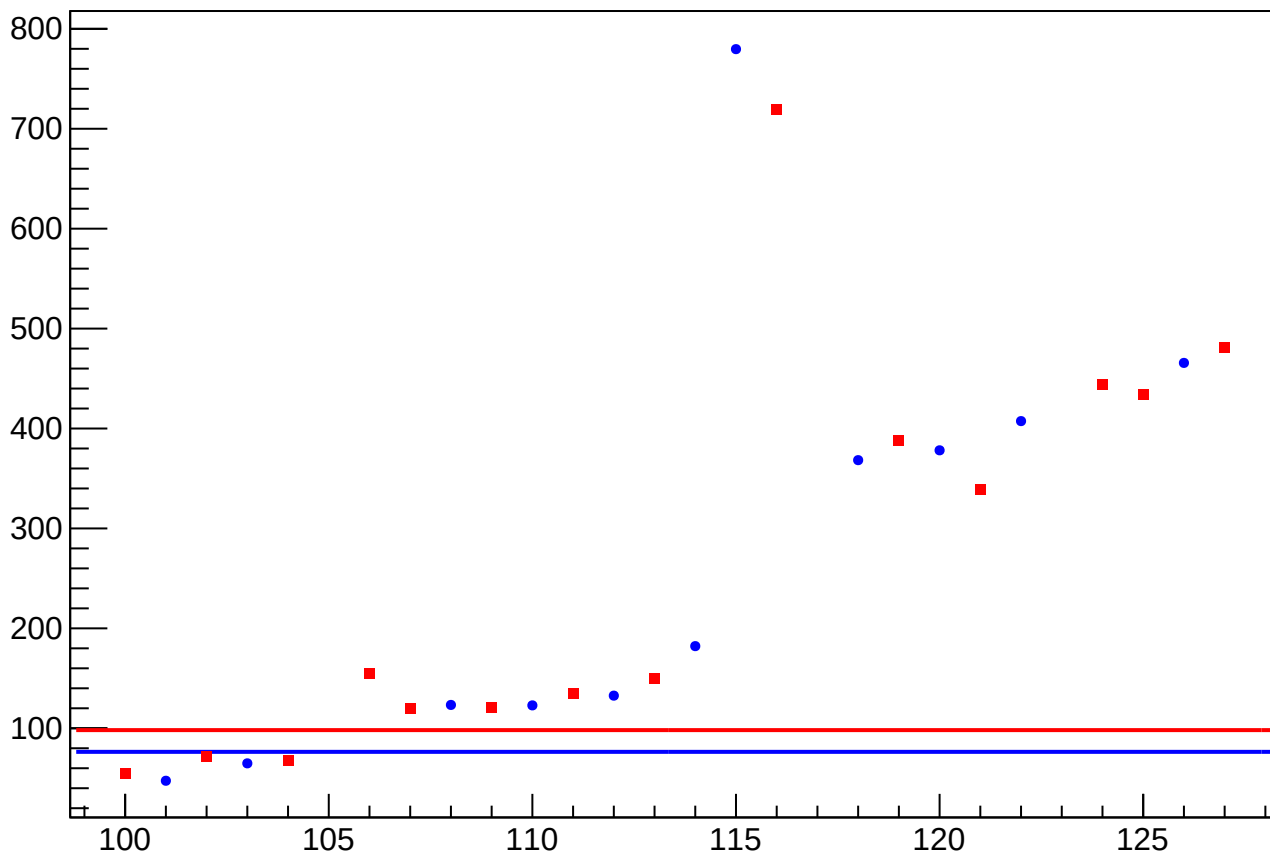
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.205+/-34.912 χ^2/NDF : 24.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_reg_correction_rms vs Slug



Right In: 76.407+/-0.034 χ^2/NDF : 3307517.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.154+/-0.036 χ^2/NDF : 3405701.2/13

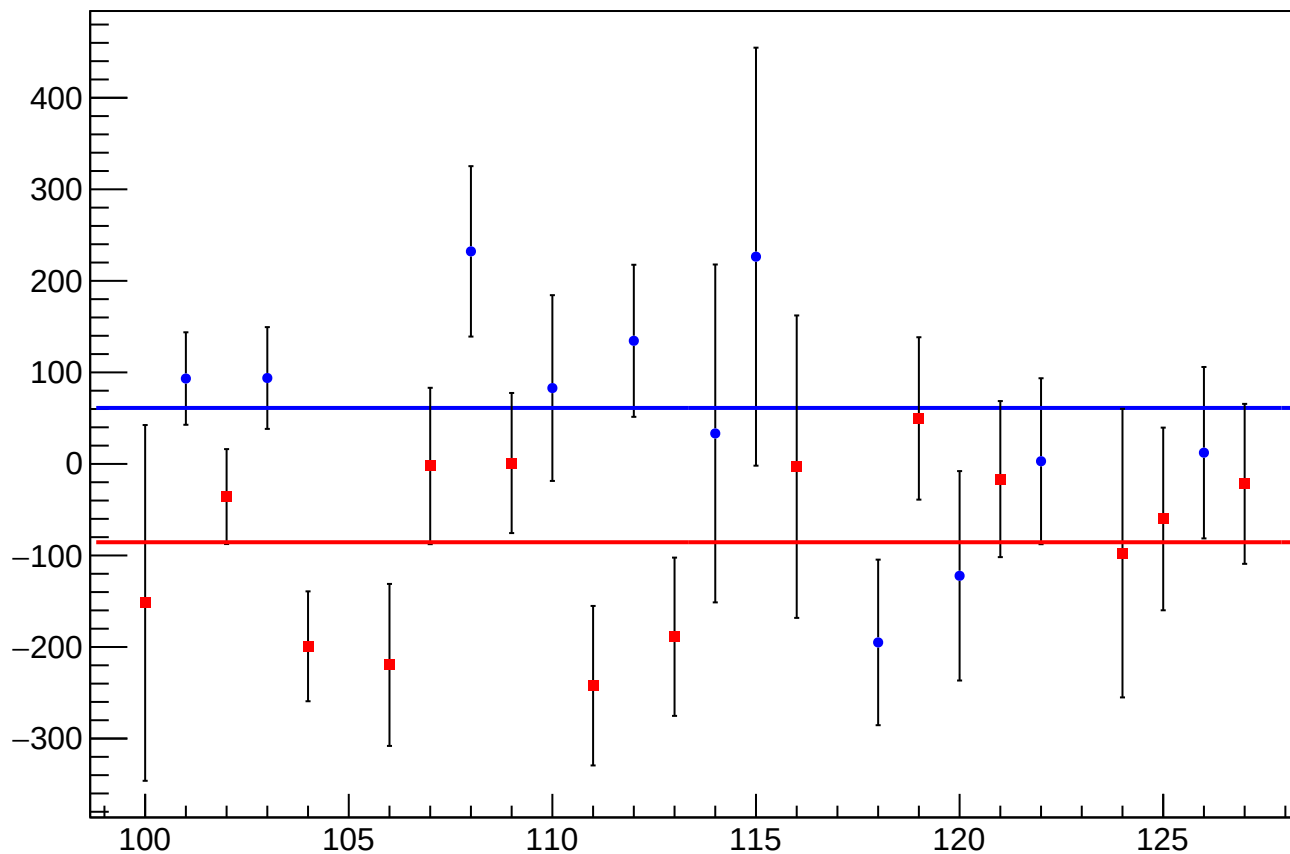
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.419+/-0.025 χ^2/NDF : 6905999.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_avg_mean vs Slug



Right In: 61.165+/-25.352 χ^2/NDF : 16.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -85.546+/-22.645 χ^2/NDF : 17.6/13

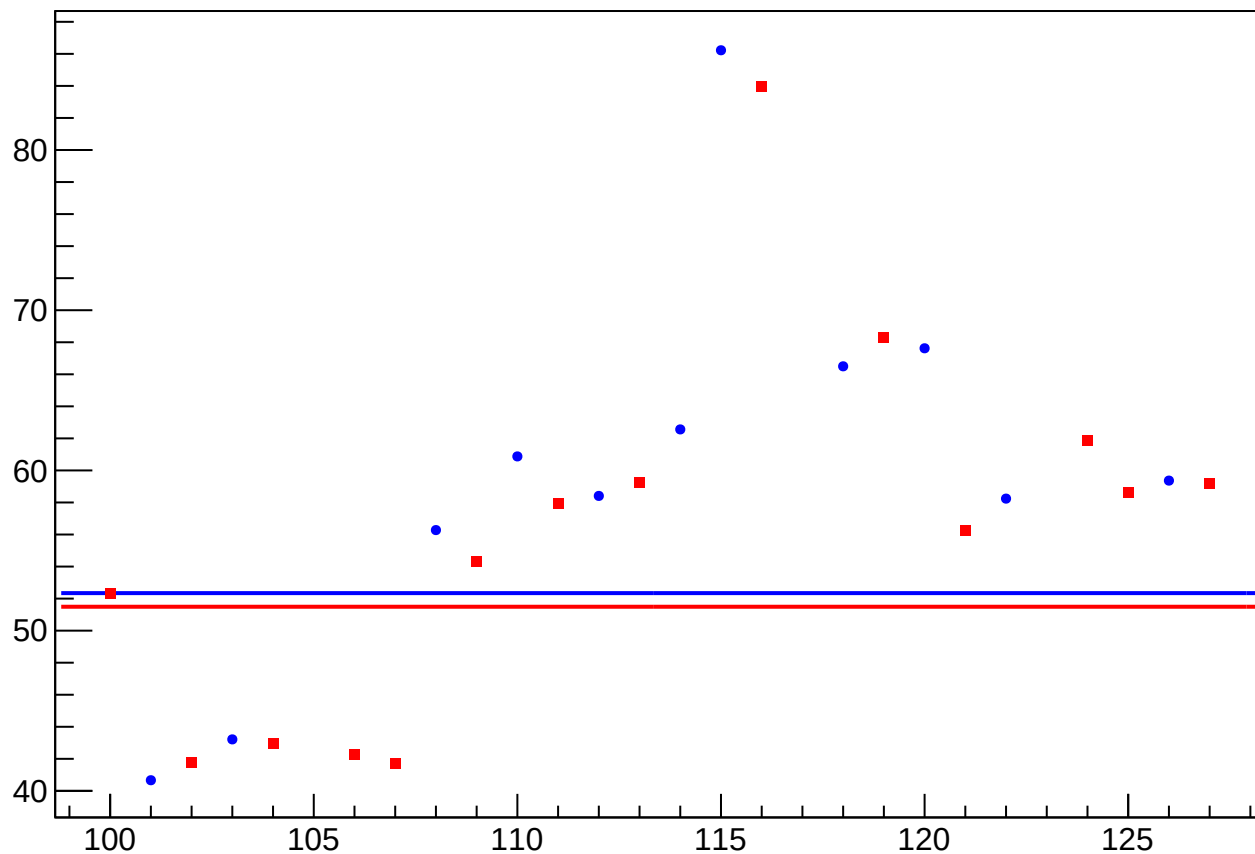
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.438+/-16.889 χ^2/NDF : 53.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_avg_rms vs Slug



Right In: 52.343 ± 0.018 χ^2/NDF : 343784.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 51.492 ± 0.016 χ^2/NDF : 377902.8/13

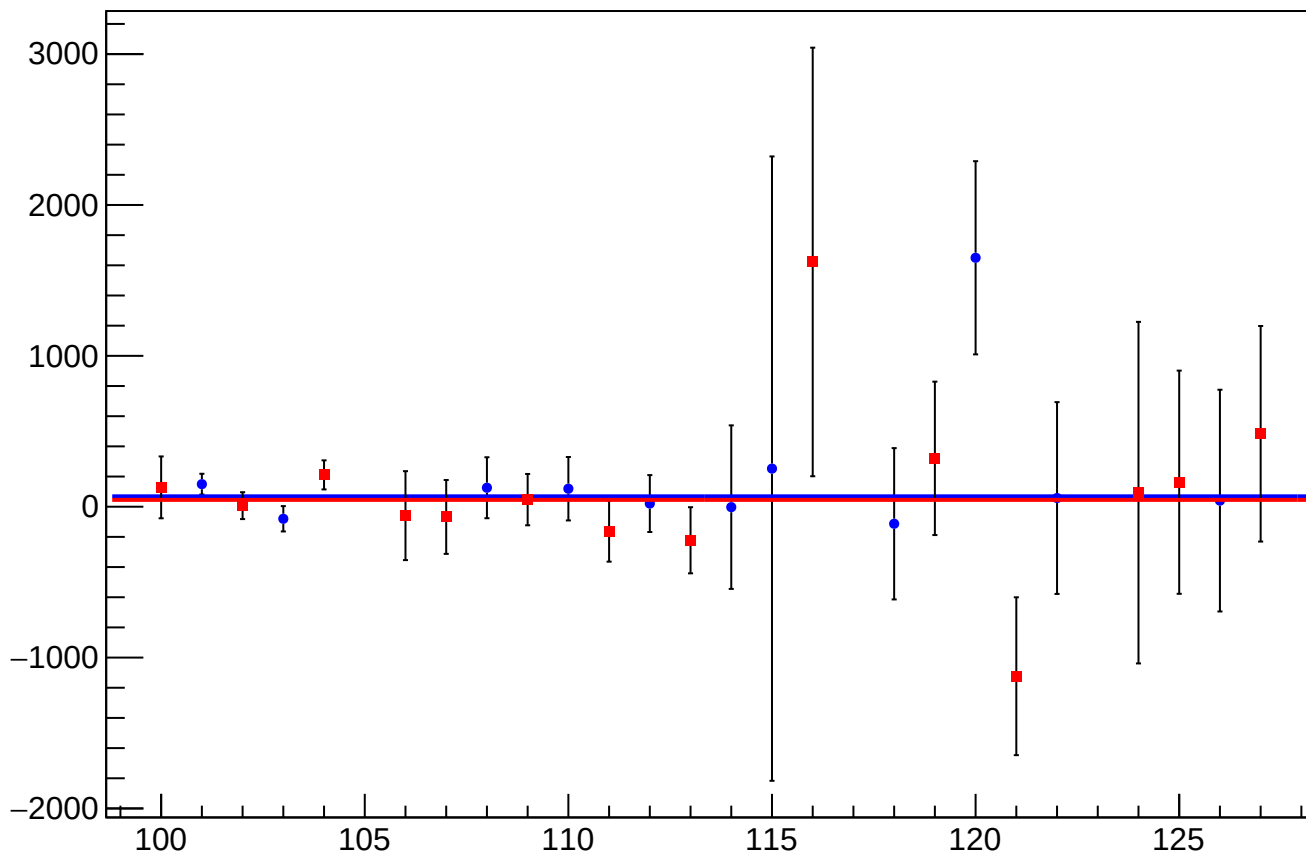
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 51.870 ± 0.012 χ^2/NDF : 722939.7/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_cor_correction_mean vs Slug



Right In: 68.797+/-47.525 χ^2/NDF : 11.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.298+/-51.409 χ^2/NDF : 13.1/13

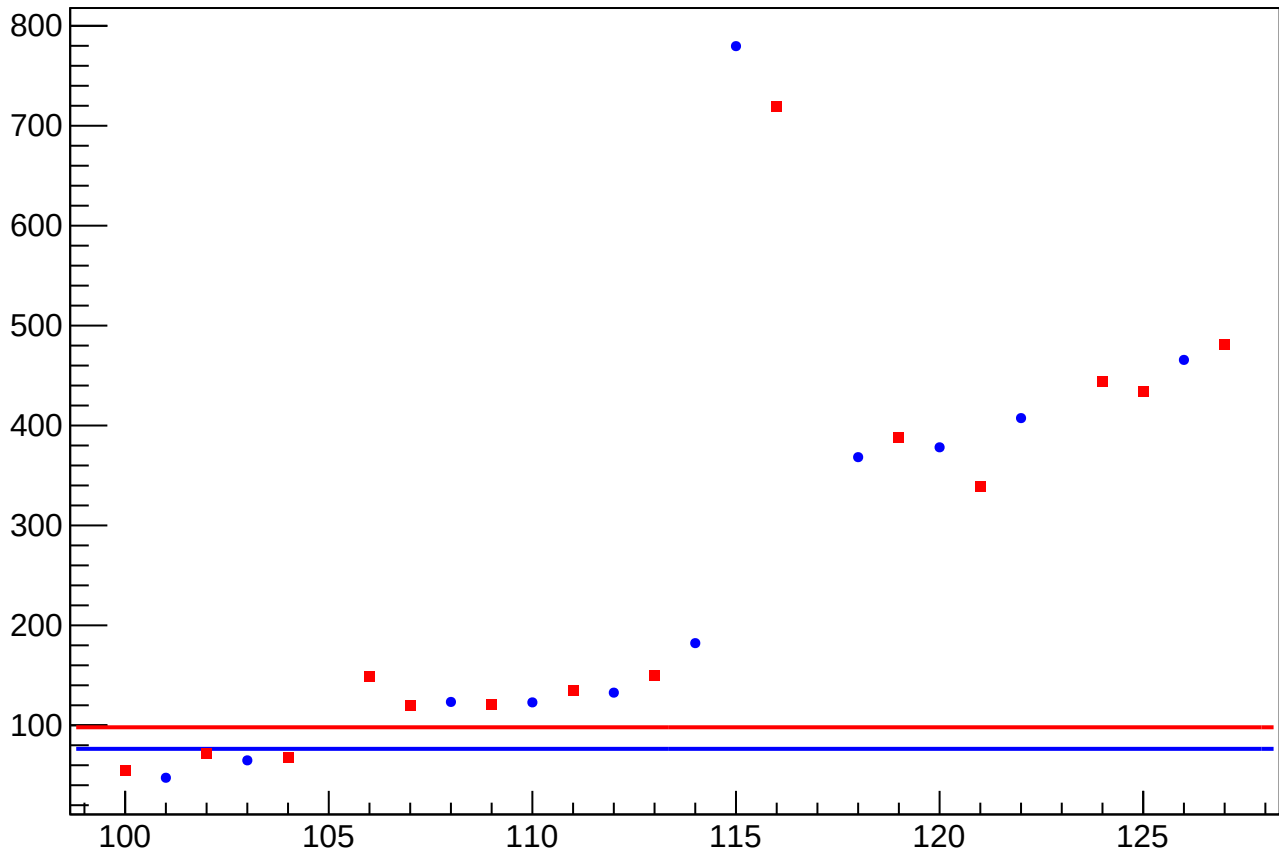
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.969+/-34.898 χ^2/NDF : 24.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_cor_correction_rms vs Slug



Right In: 76.405+/-0.034 χ^2/NDF : 3307546.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.985+/-0.036 χ^2/NDF : 3394972.9/13

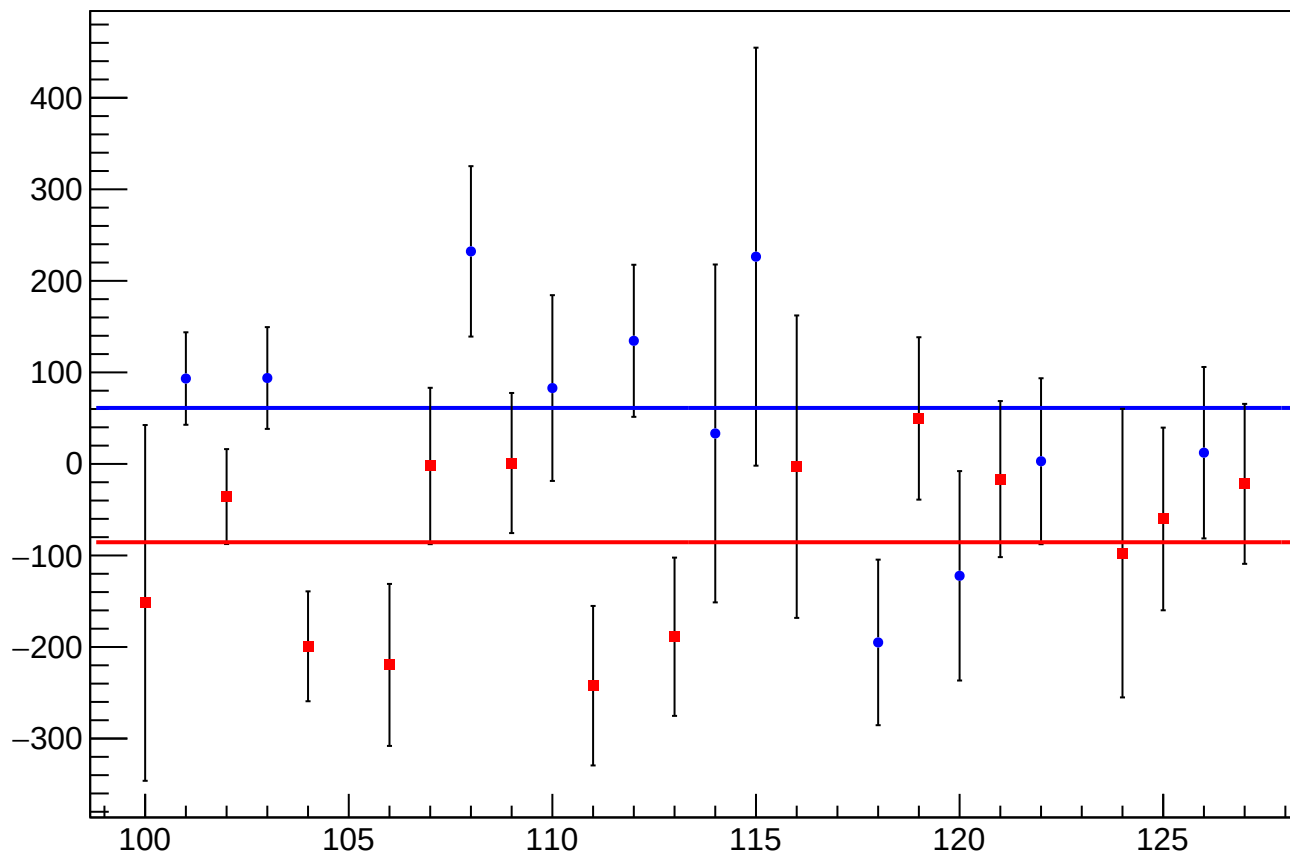
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.349+/-0.025 χ^2/NDF : 6892543.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_avg_mean vs Slug



Right In: 61.165+/-25.352 χ^2/NDF : 16.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -85.546+/-22.645 χ^2/NDF : 17.6/13

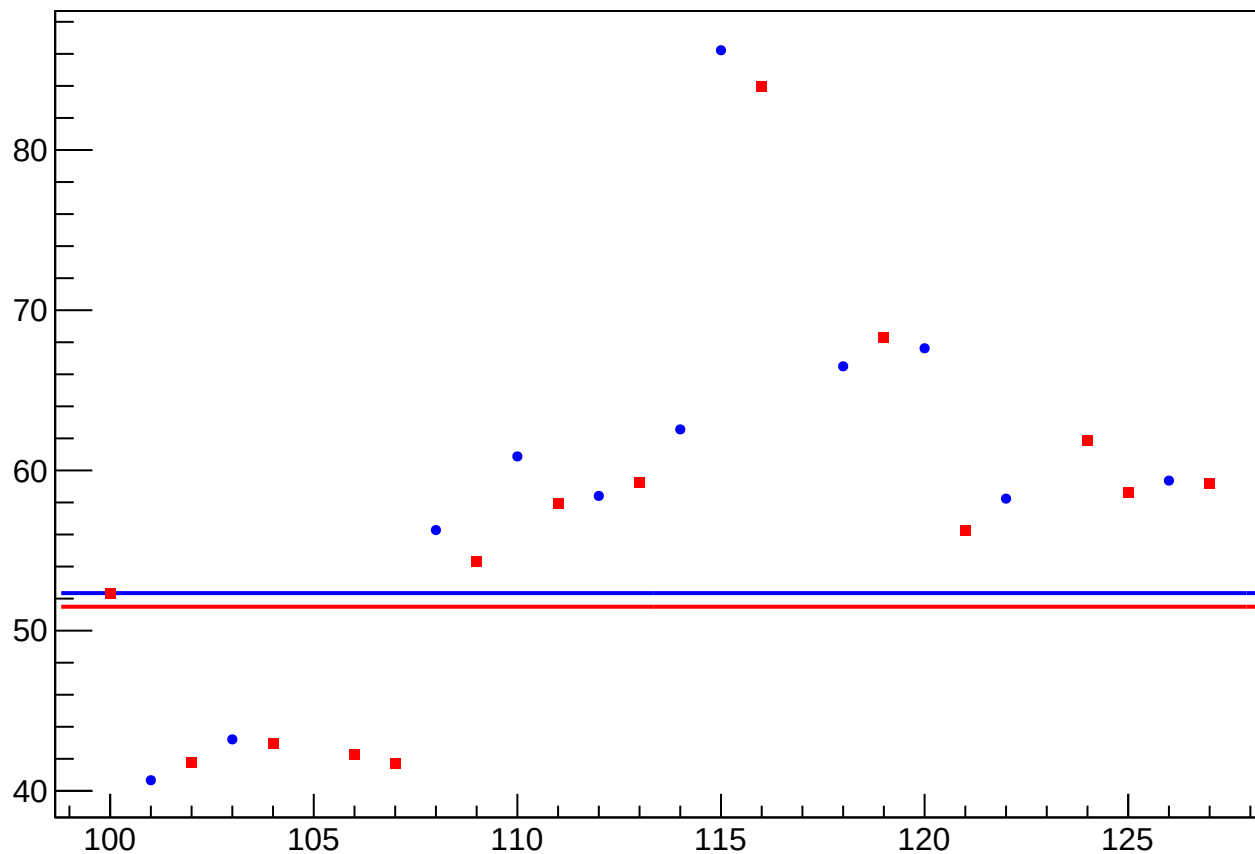
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.438+/-16.889 χ^2/NDF : 53.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_avg_rms vs Slug



Right In: 52.343+/-0.018 χ^2/NDF : 343784.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.492+/-0.016 χ^2/NDF : 377902.8/13

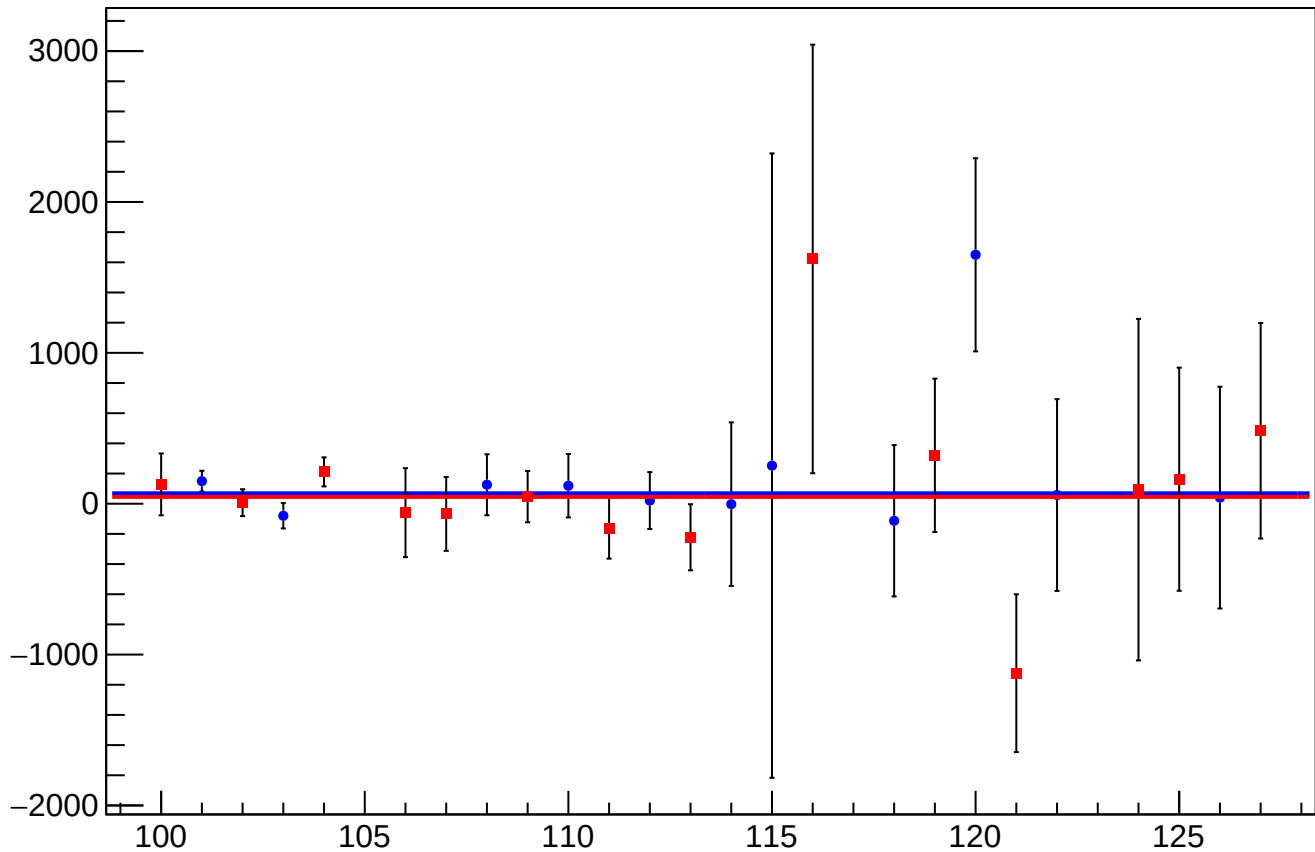
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.870+/-0.012 χ^2/NDF : 722939.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_eigen_cor_correction_mean vs Slug



Right In: 68.797+/-47.525 χ^2/NDF : 11.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.298+/-51.409 χ^2/NDF : 13.1/13

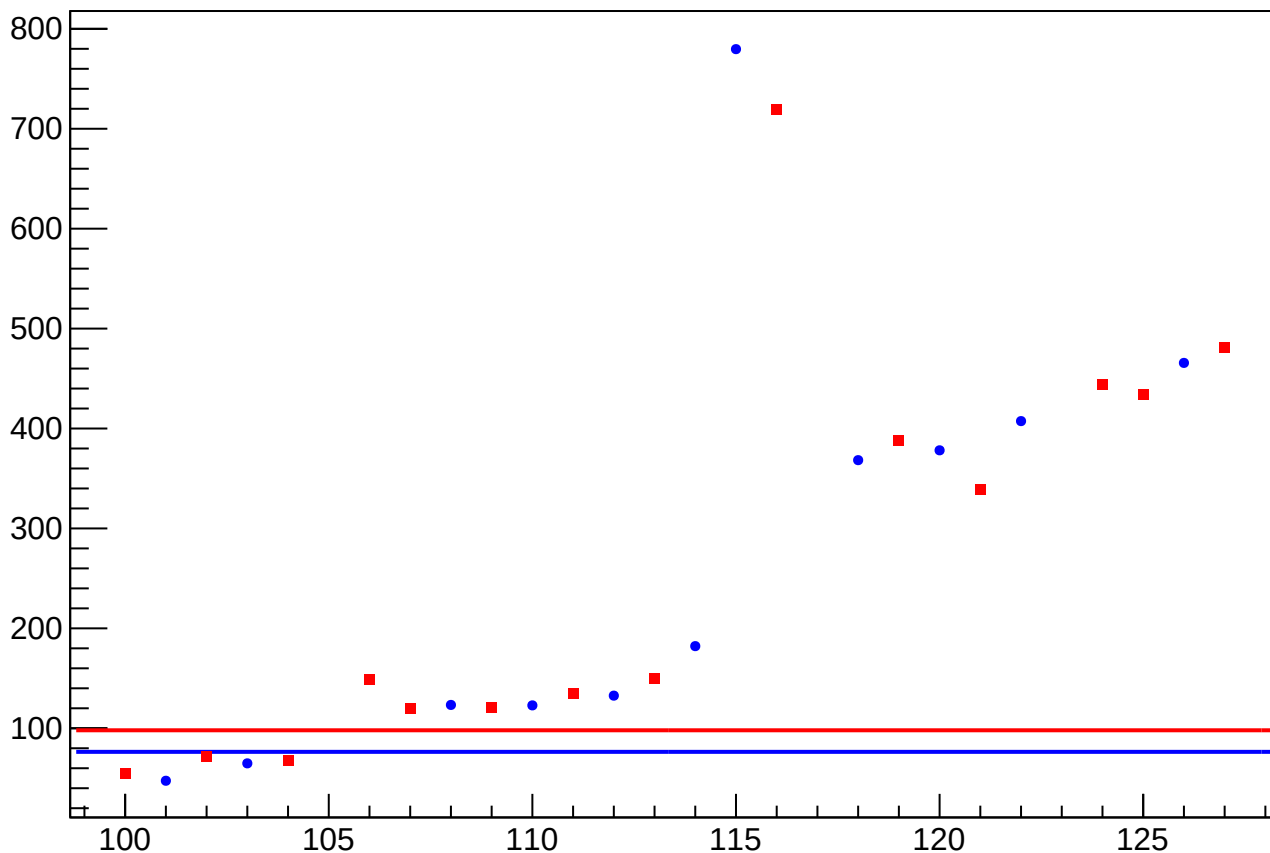
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.969+/-34.898 χ^2/NDF : 24.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_eigen_cor_correction_rms vs Slug



Right In: 76.405+/-0.034 χ^2/NDF : 3307546.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.985+/-0.036 χ^2/NDF : 3394972.9/13

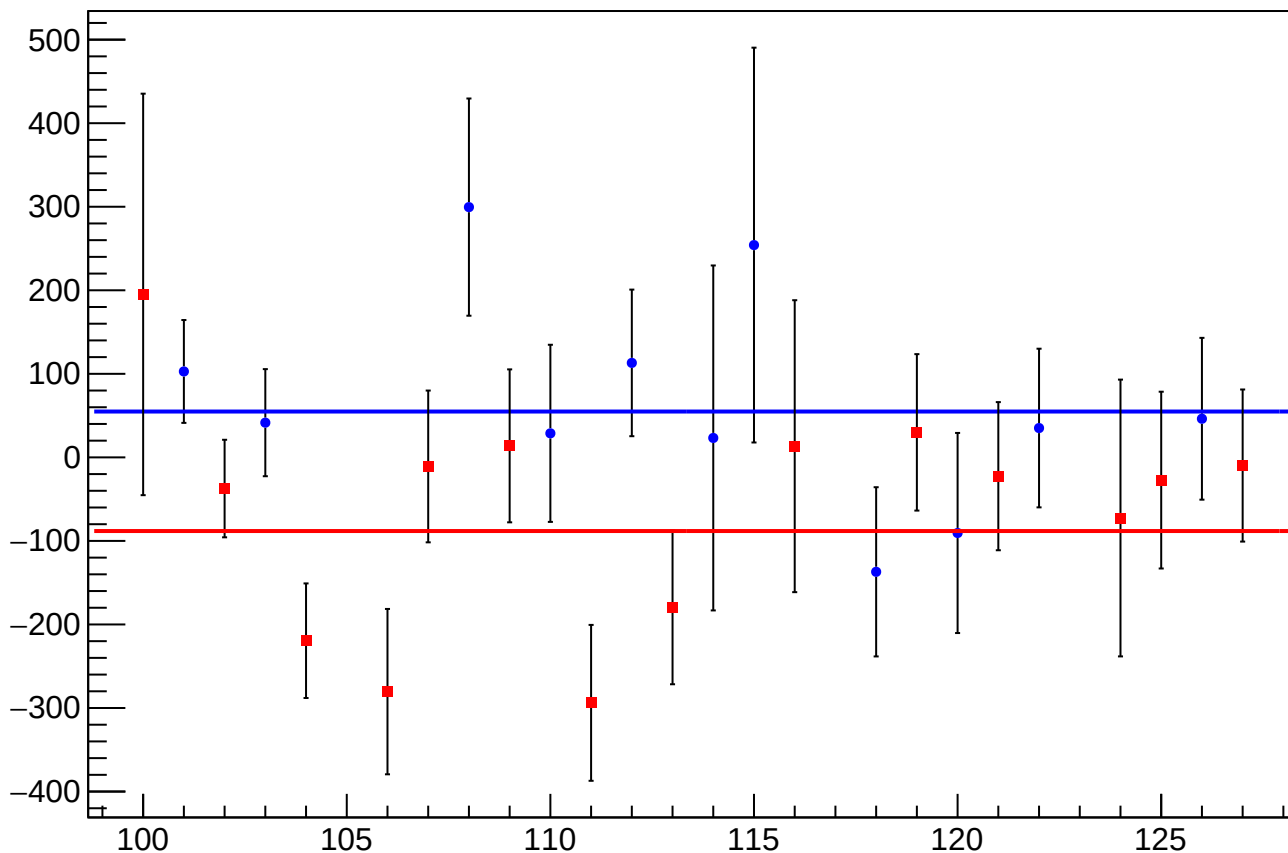
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.349+/-0.025 χ^2/NDF : 6892543.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_avg_mean vs Slug



Right In: 54.873+/-28.731 χ^2/NDF : 10.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -88.172+/-24.849 χ^2/NDF : 21.0/13

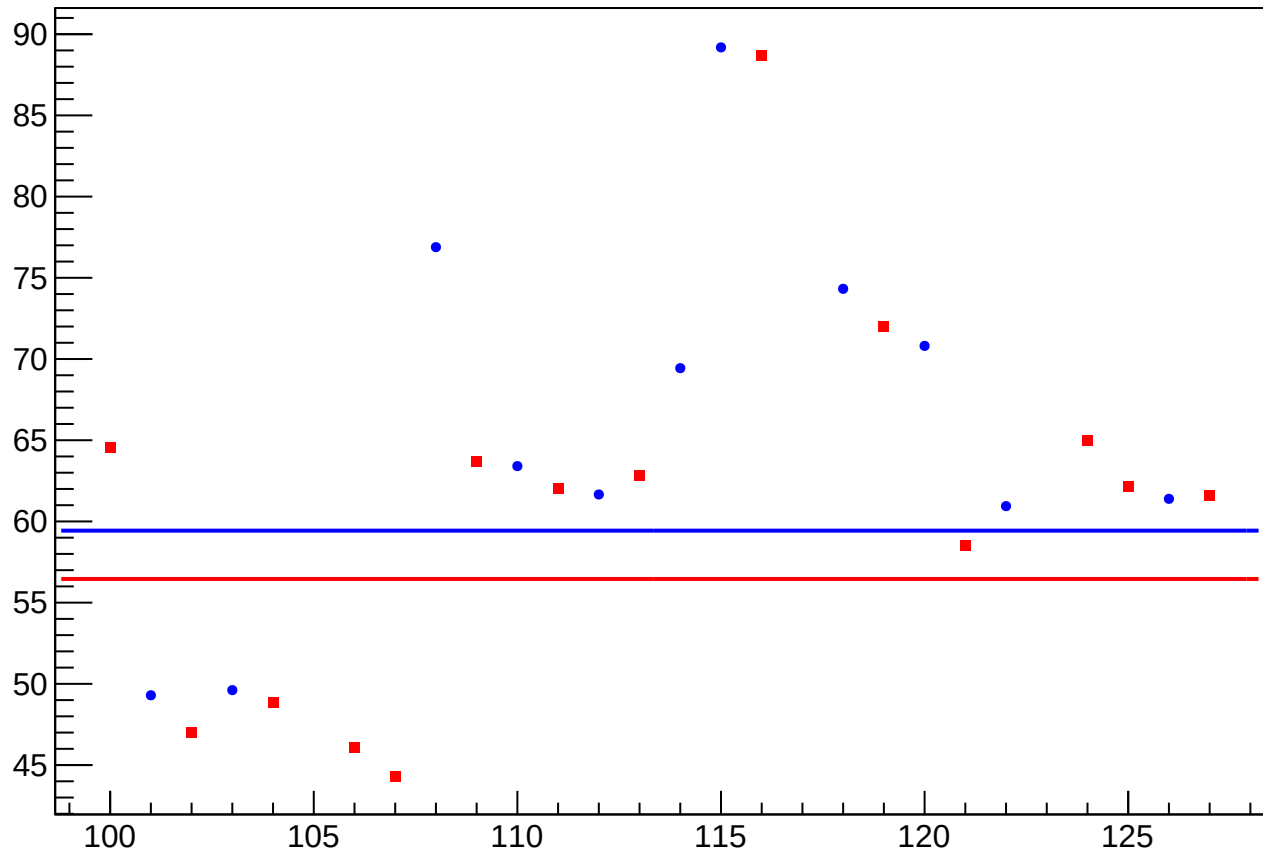
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.961+/-18.794 χ^2/NDF : 45.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_avg_rms vs Slug



Right In: 59.433+/-0.020 χ^2/NDF : 240313.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.458+/-0.018 χ^2/NDF : 308448.8/13

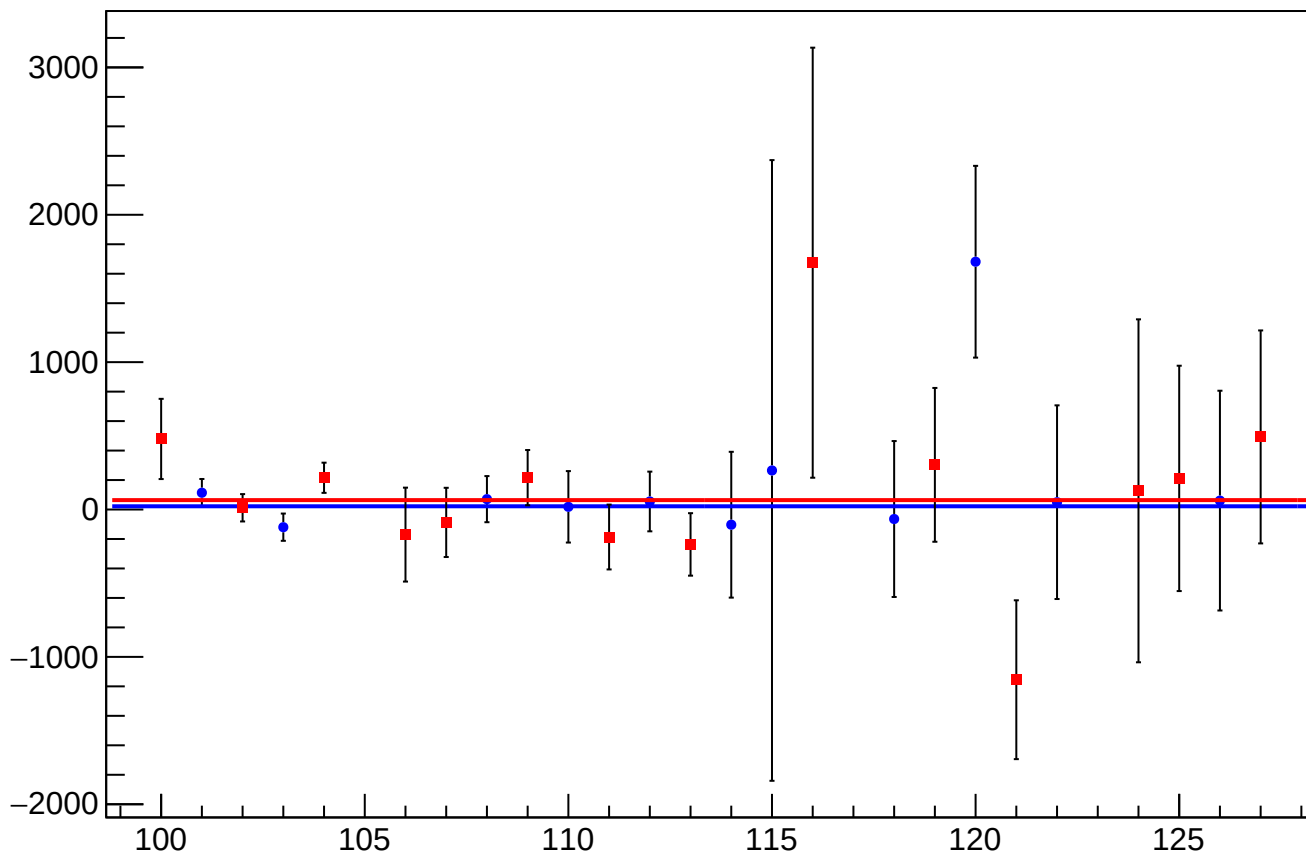
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.731+/-0.013 χ^2/NDF : 561033.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_dit_correction_mean vs Slug



Right In: 21.918 $\pm$ 55.178 χ^2 /NDF: 10.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 63.806 $\pm$ 54.533 χ^2 /NDF: 16.7/13

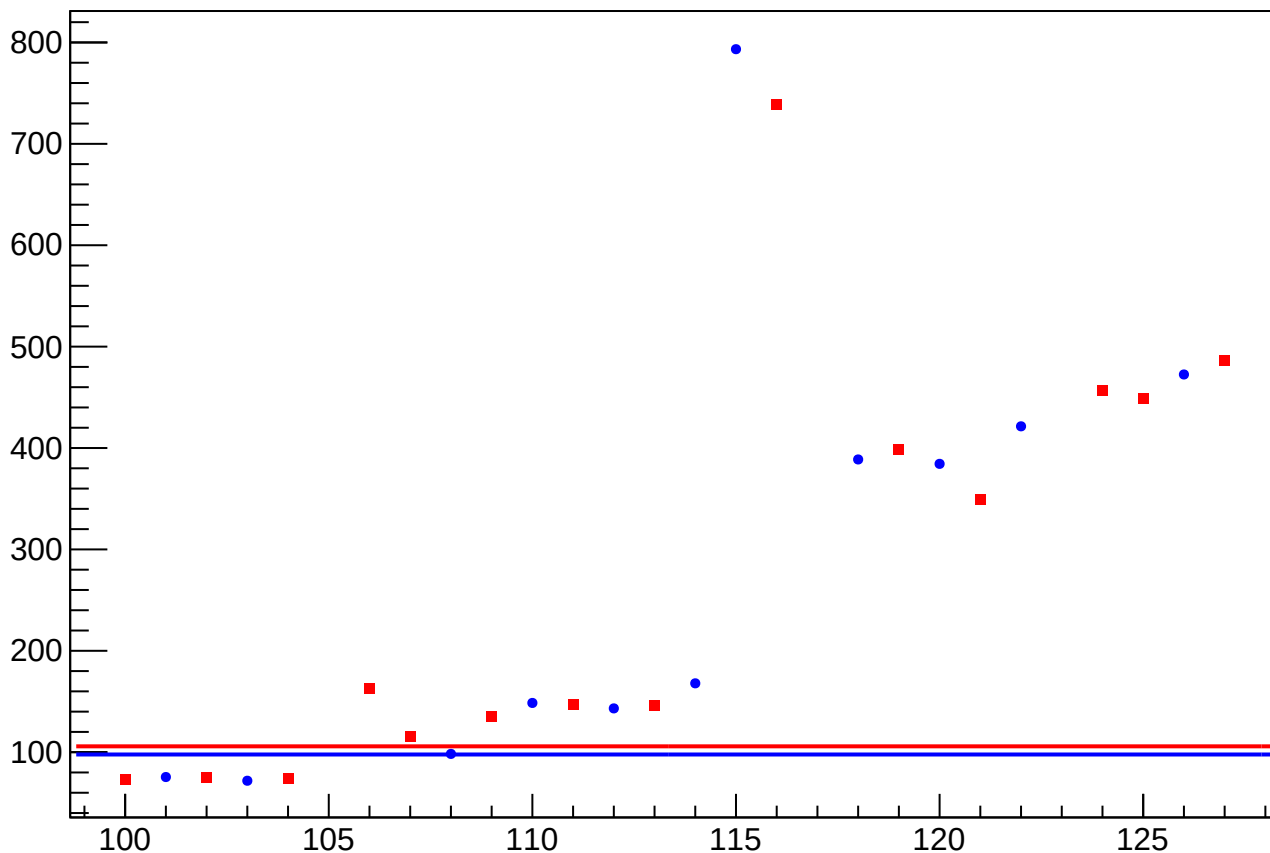
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 43.108 $\pm$ 38.787 χ^2 /NDF: 27.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_dit_correction_rms vs Slug



Right In: 97.731+/-0.039 χ^2/NDF : 2701489.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 105.780+/-0.039 χ^2/NDF : 3263913.5/13

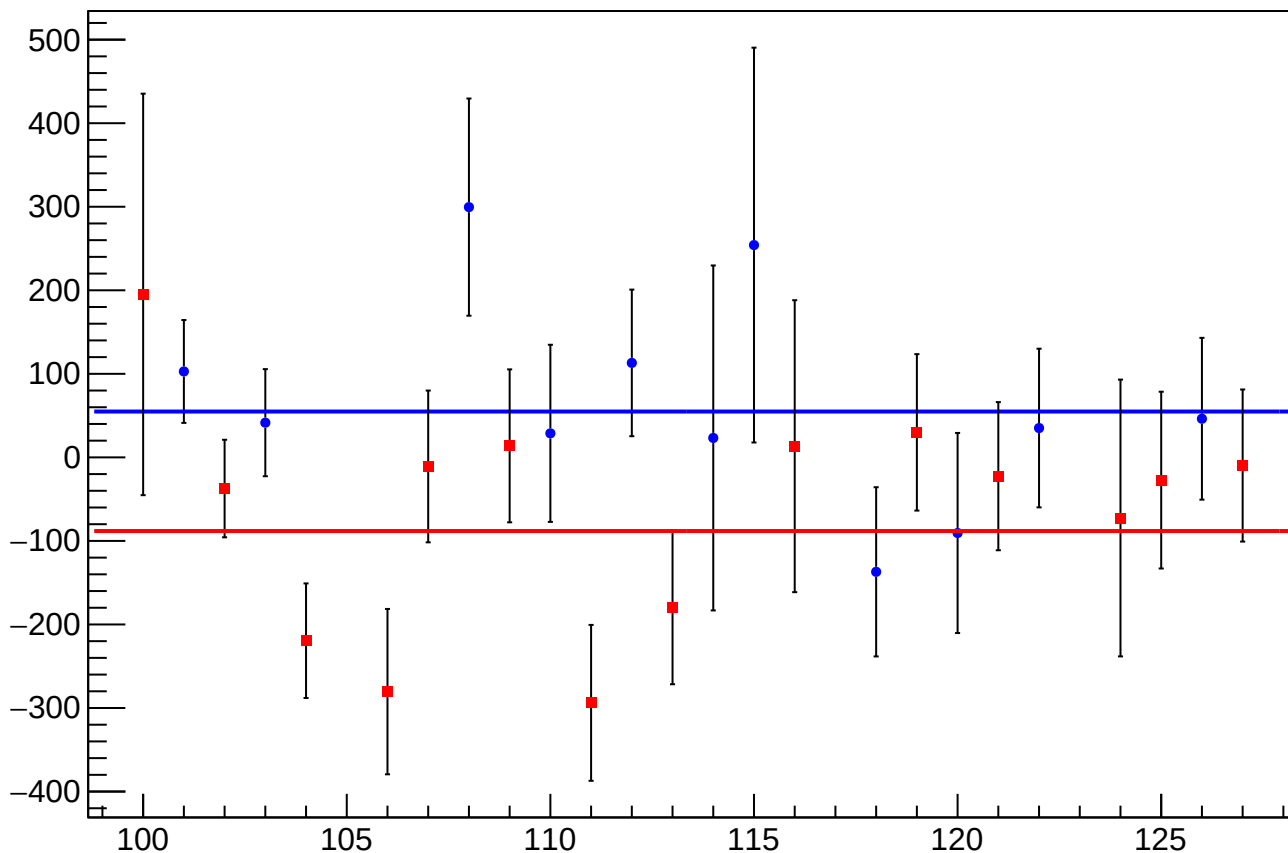
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.803+/-0.027 χ^2/NDF : 5986930.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_15_avg_mean vs Slug



Right In: 54.872 $\pm$ 28.731 χ^2 /NDF: 10.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -88.172 $\pm$ 24.849 χ^2 /NDF: 21.0/13

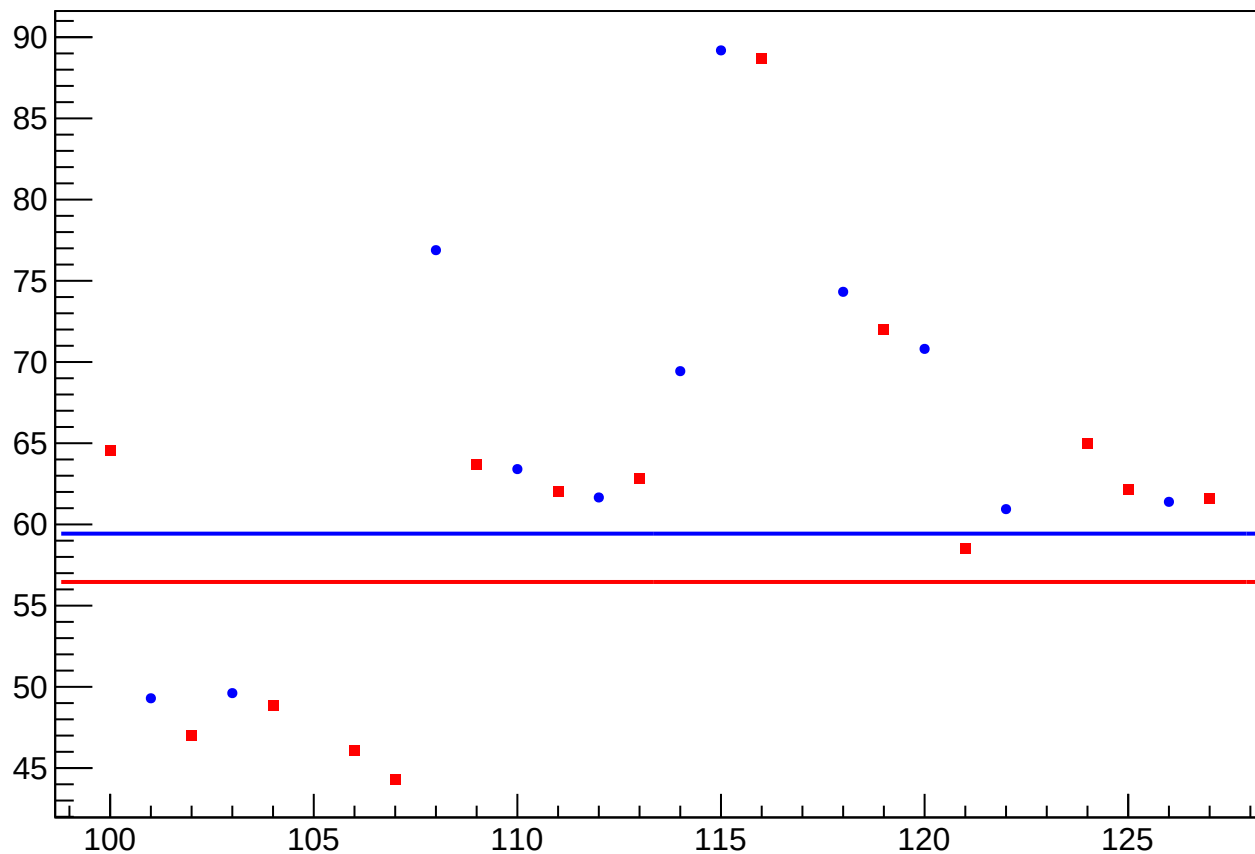
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -26.961 $\pm$ 18.794 χ^2 /NDF: 45.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_15_avg_rms vs Slug



Right In: 59.433 ± 0.020 χ^2/NDF : 240314.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 56.458 ± 0.018 χ^2/NDF : 308448.0/13

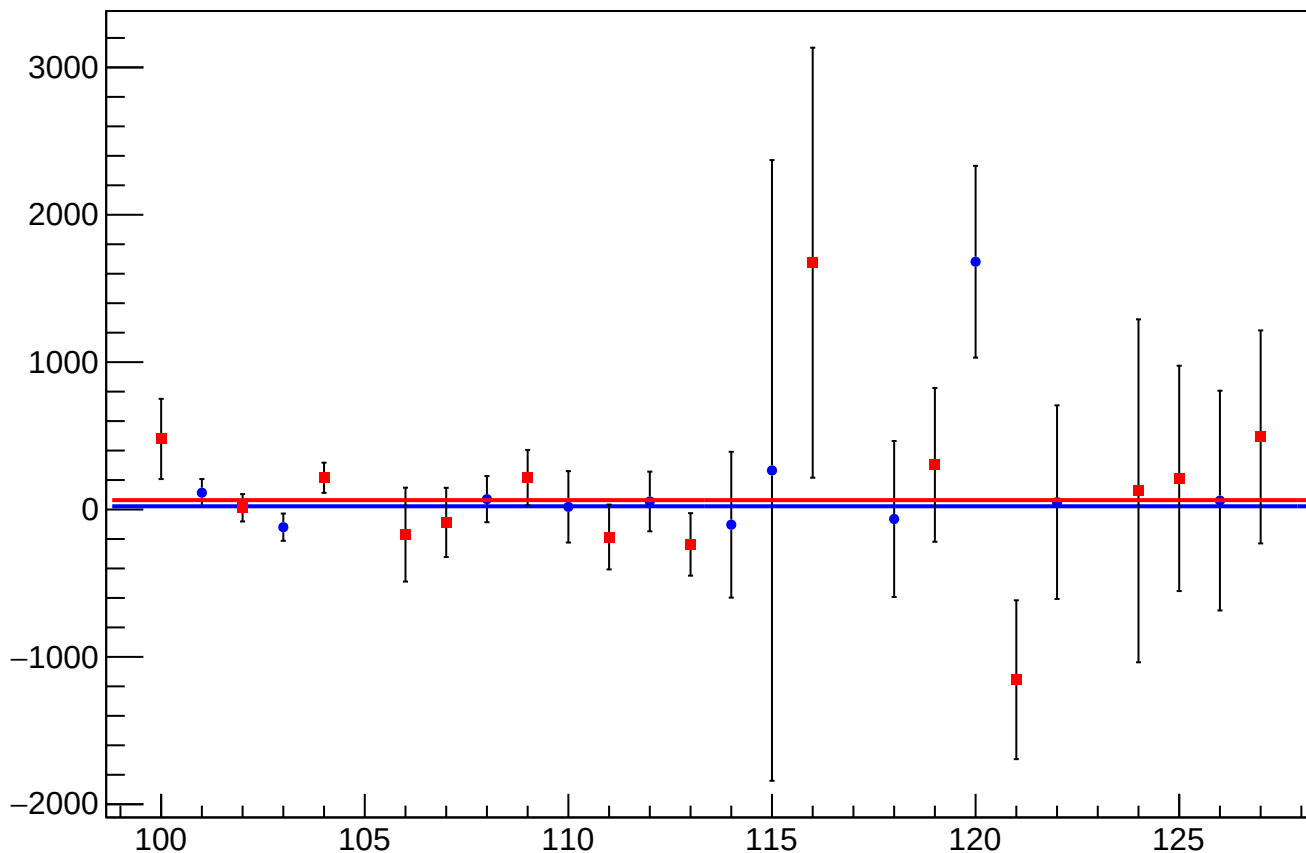
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 57.731 ± 0.013 χ^2/NDF : 561033.8/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_eigen_dit_correction_mean vs Slug



Right In: 21.917+/-55.178 χ^2/NDF : 10.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.806+/-54.533 χ^2/NDF : 16.7/13

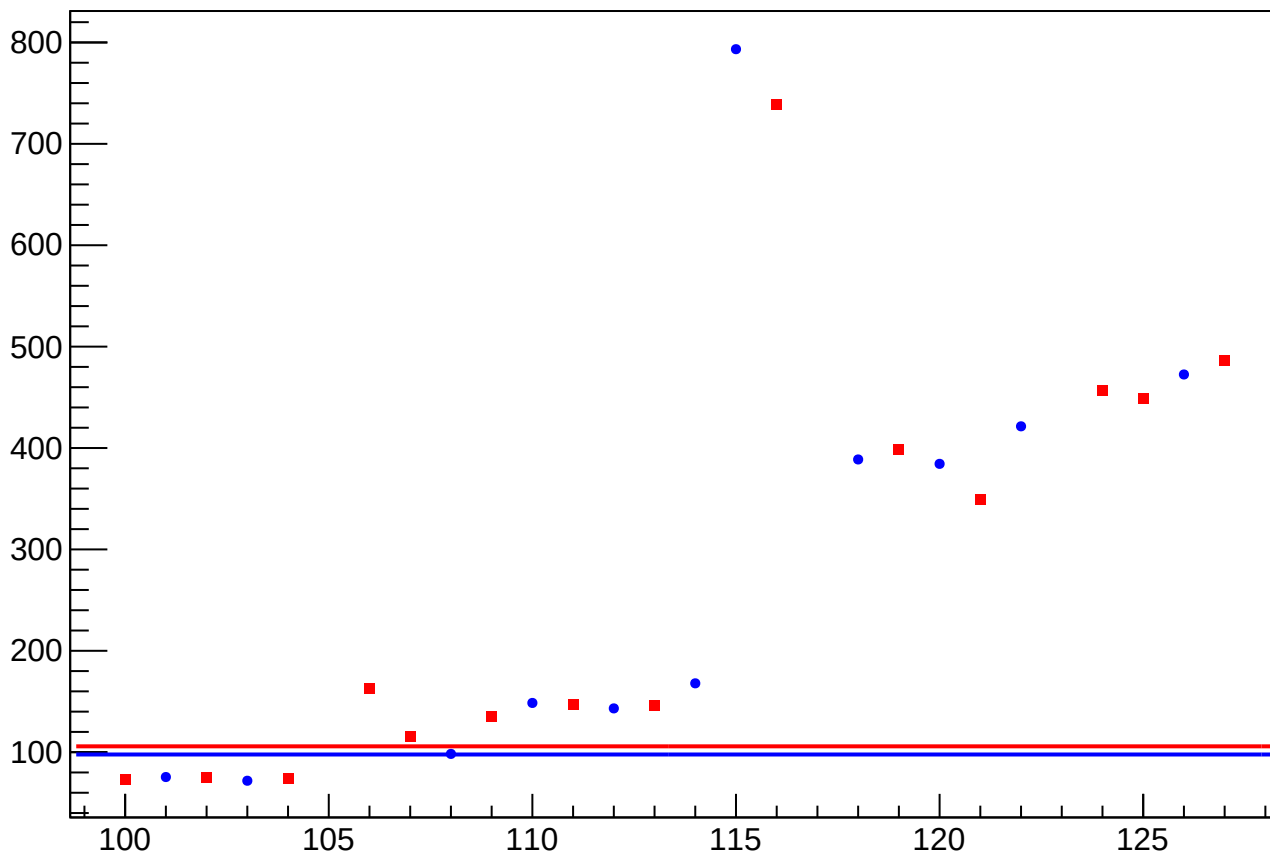
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.108+/-38.787 χ^2/NDF : 27.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_eigen_dit_correction_rms vs Slug



Right In: 97.731+/-0.039 χ^2/NDF : 2701492.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

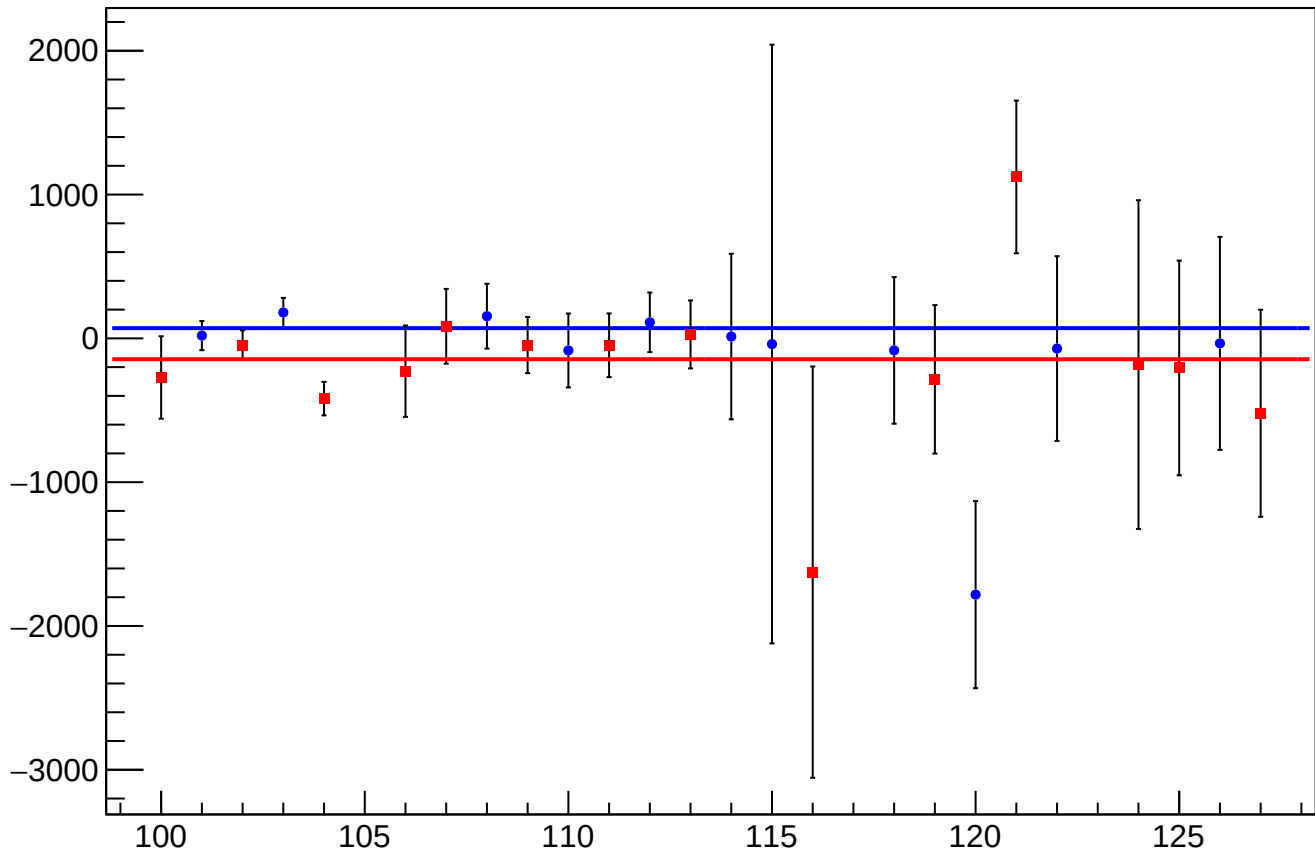
Right Out: 105.779+/-0.039 χ^2/NDF : 3263919.0/13

All: 101.802+/-0.027 χ^2/NDF : 5986938.1/24

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_mean vs Slug



Right In: 71.113+/-61.314 χ^2/NDF : 10.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -145.168+/-59.680 χ^2/NDF : 15.6/13

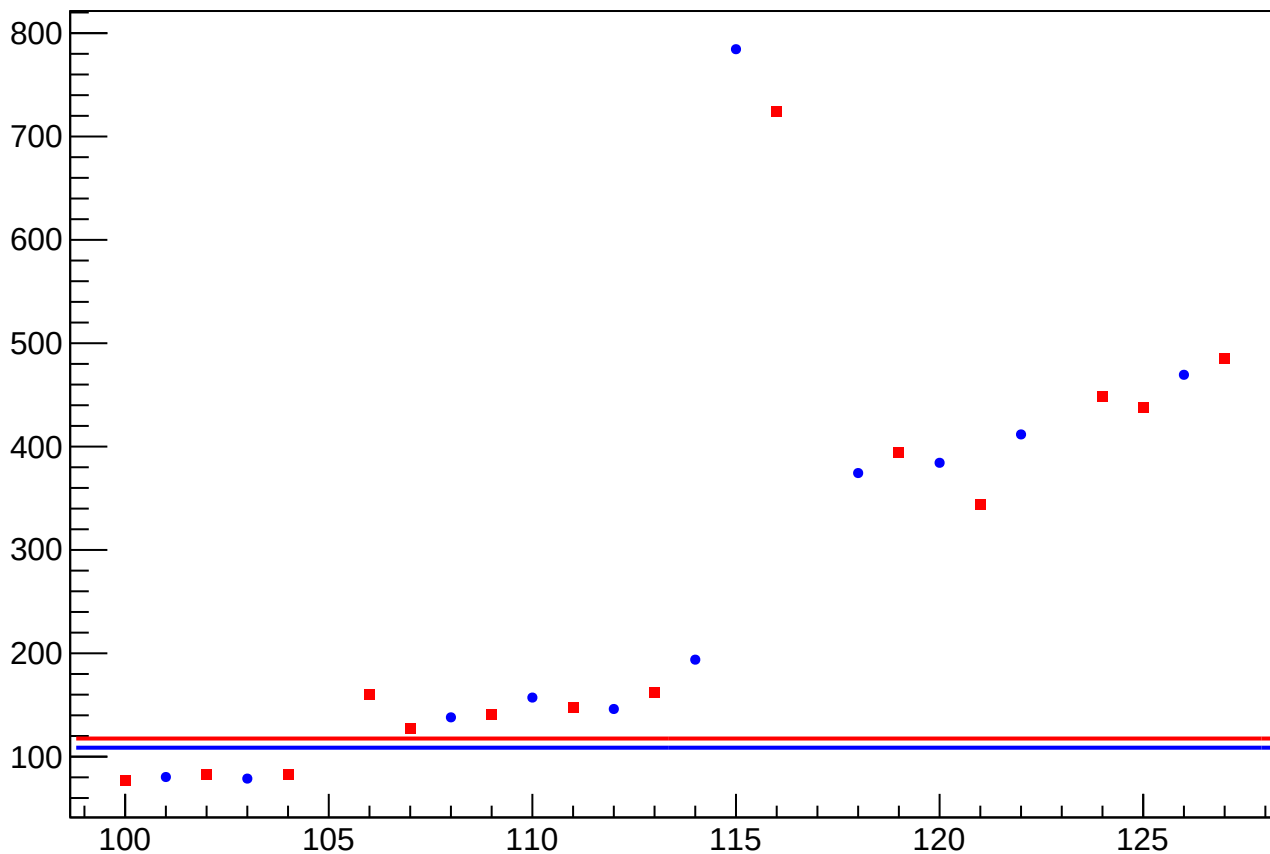
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.947+/-42.766 χ^2/NDF : 32.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_rms vs Slug



Right In: 108.693+/-0.043 χ^2/NDF : 2576661.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

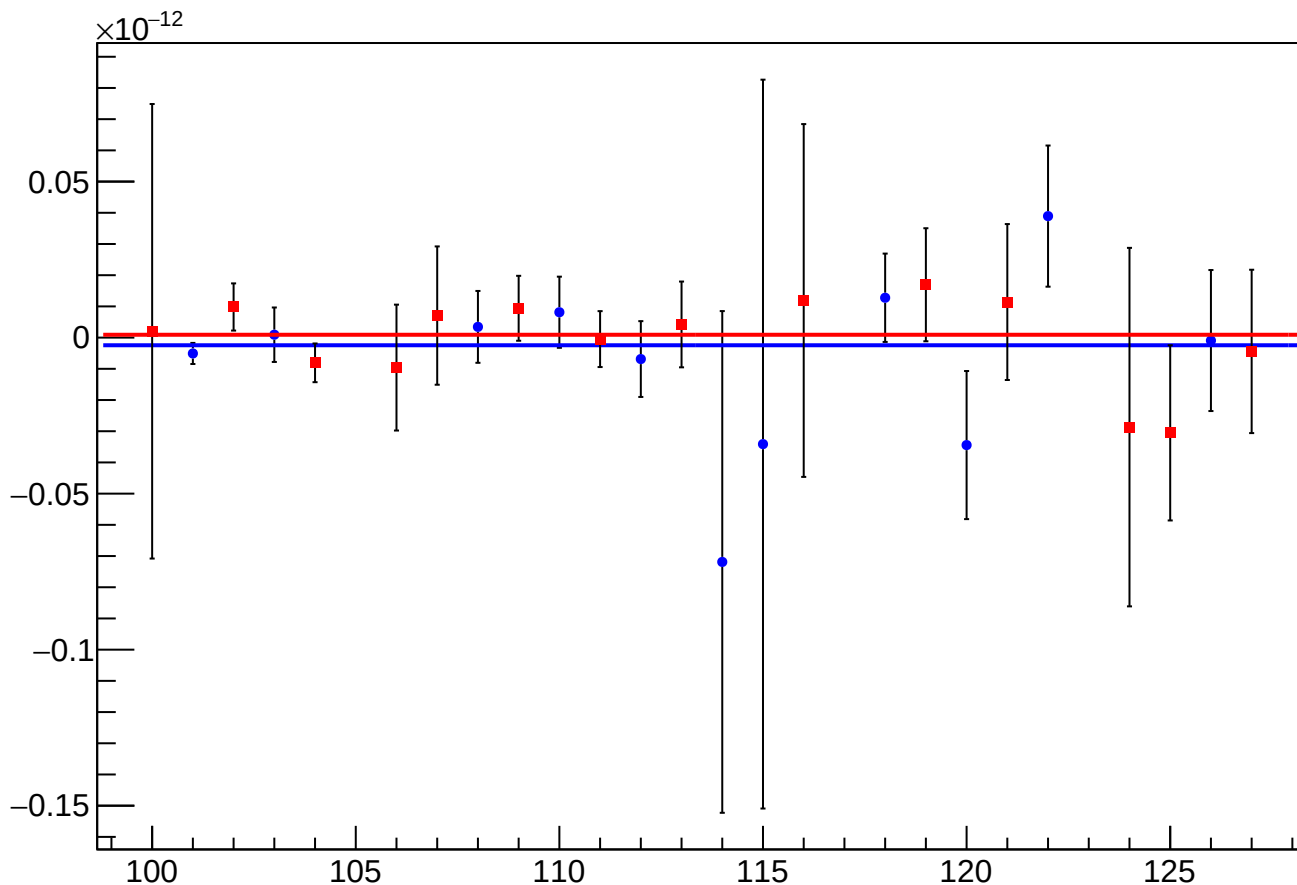
Right Out: 117.557+/-0.042 χ^2/NDF : 2972998.4/13

All: 113.245+/-0.030 χ^2/NDF : 5571125.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 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 : 9.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.1/13

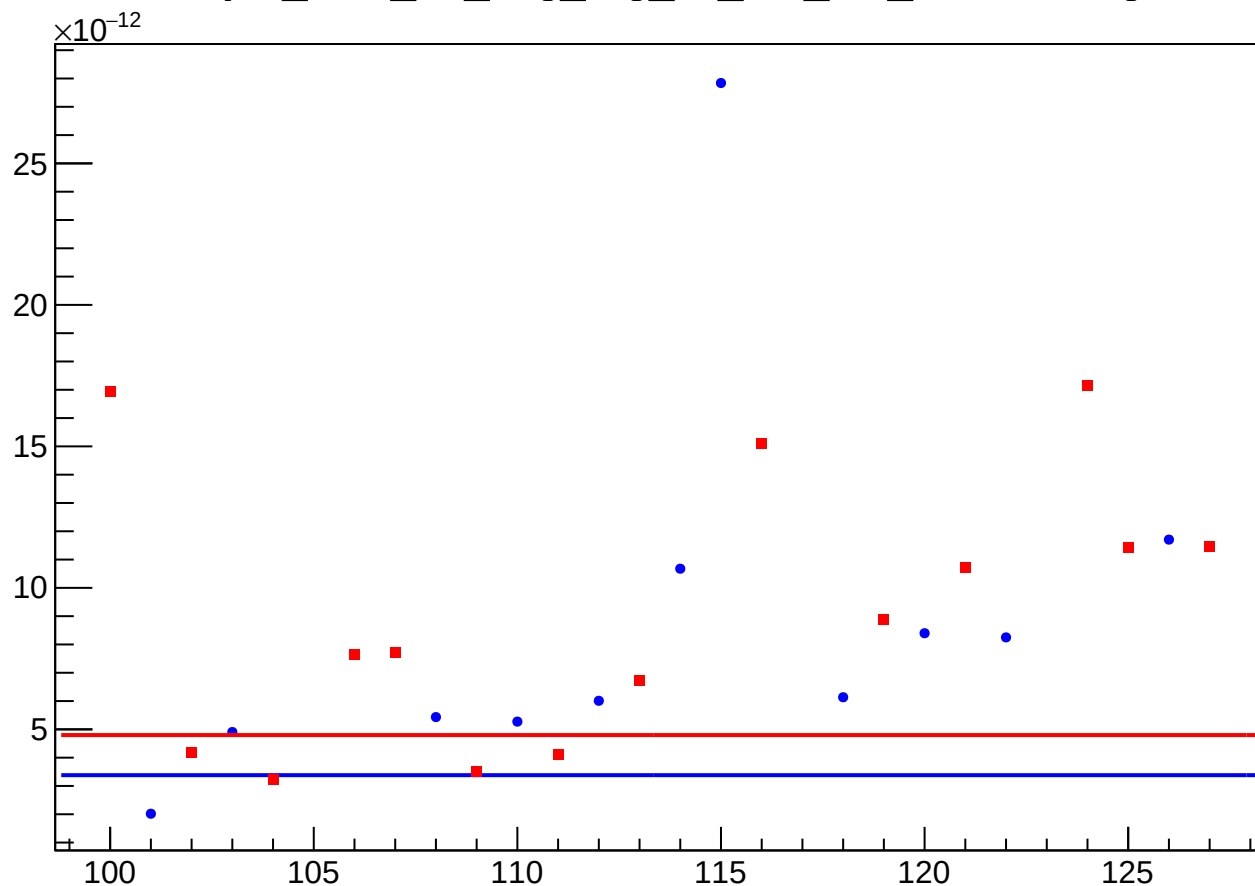
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.9/24

- 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 : 1231985.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 970271.5/13

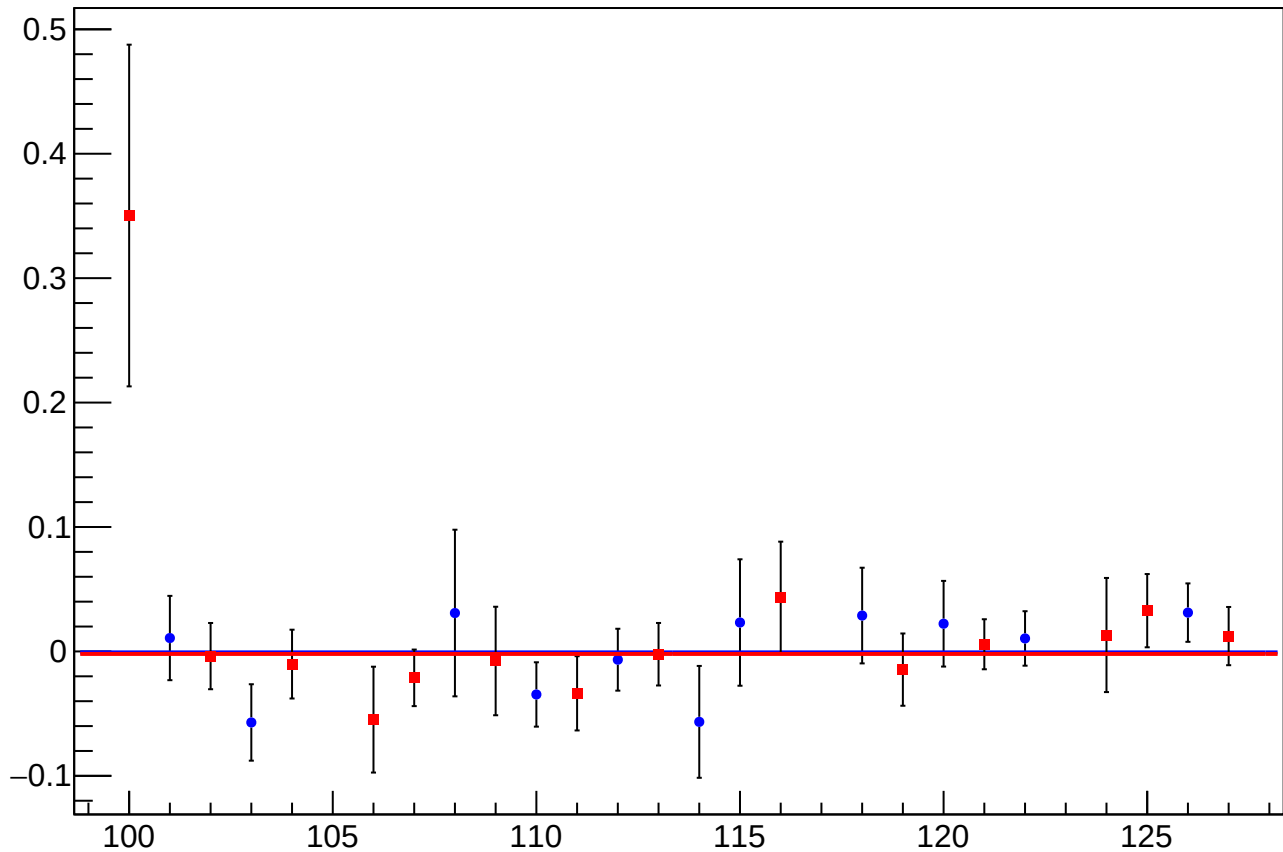
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2408183.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.001 ± 0.009 χ^2/NDF : 10.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.002 ± 0.008 χ^2/NDF : 13.3/13

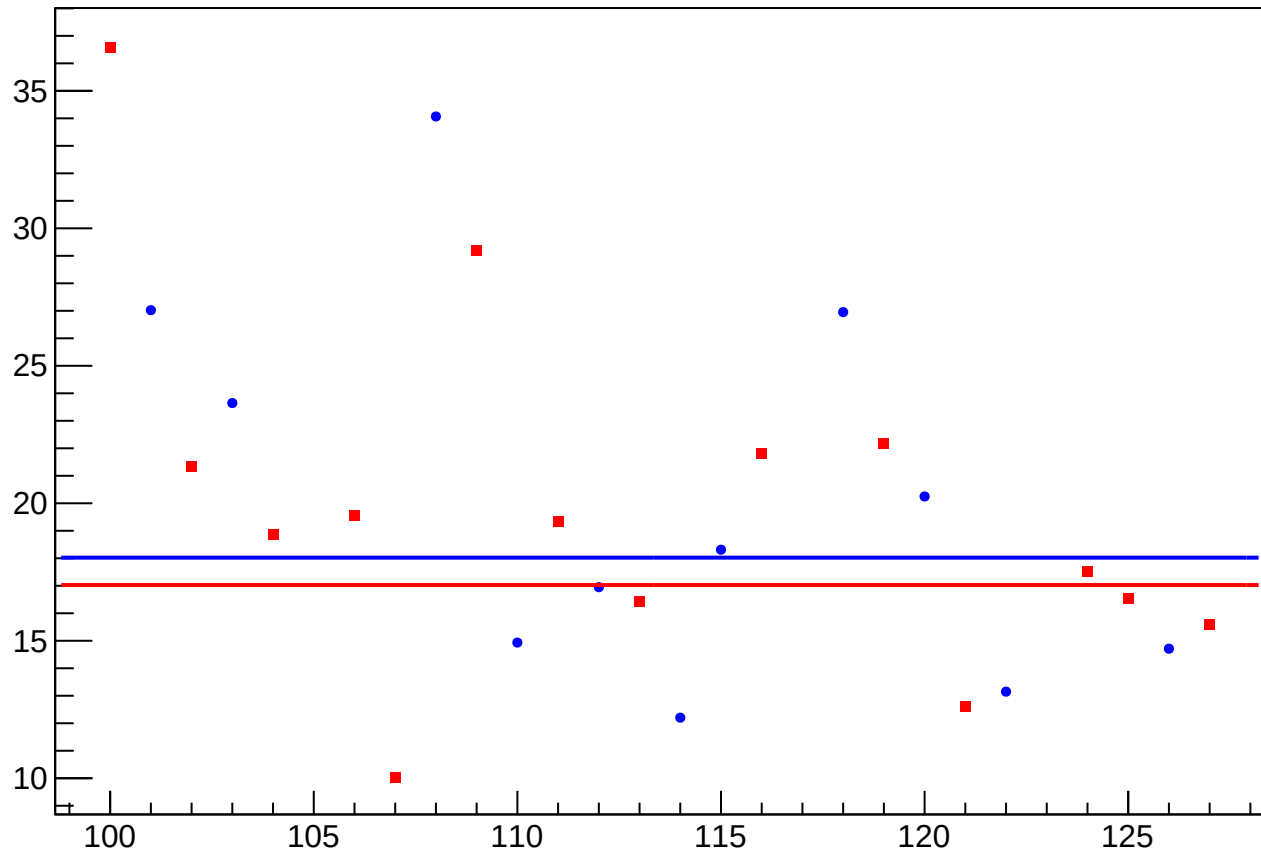
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.001 ± 0.006 χ^2/NDF : 23.7/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_dit_vs_cor_diff_rms vs Slug



Right In: 18.023+/-0.007 χ^2/NDF : 644061.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.026+/-0.006 χ^2/NDF : 657344.8/13

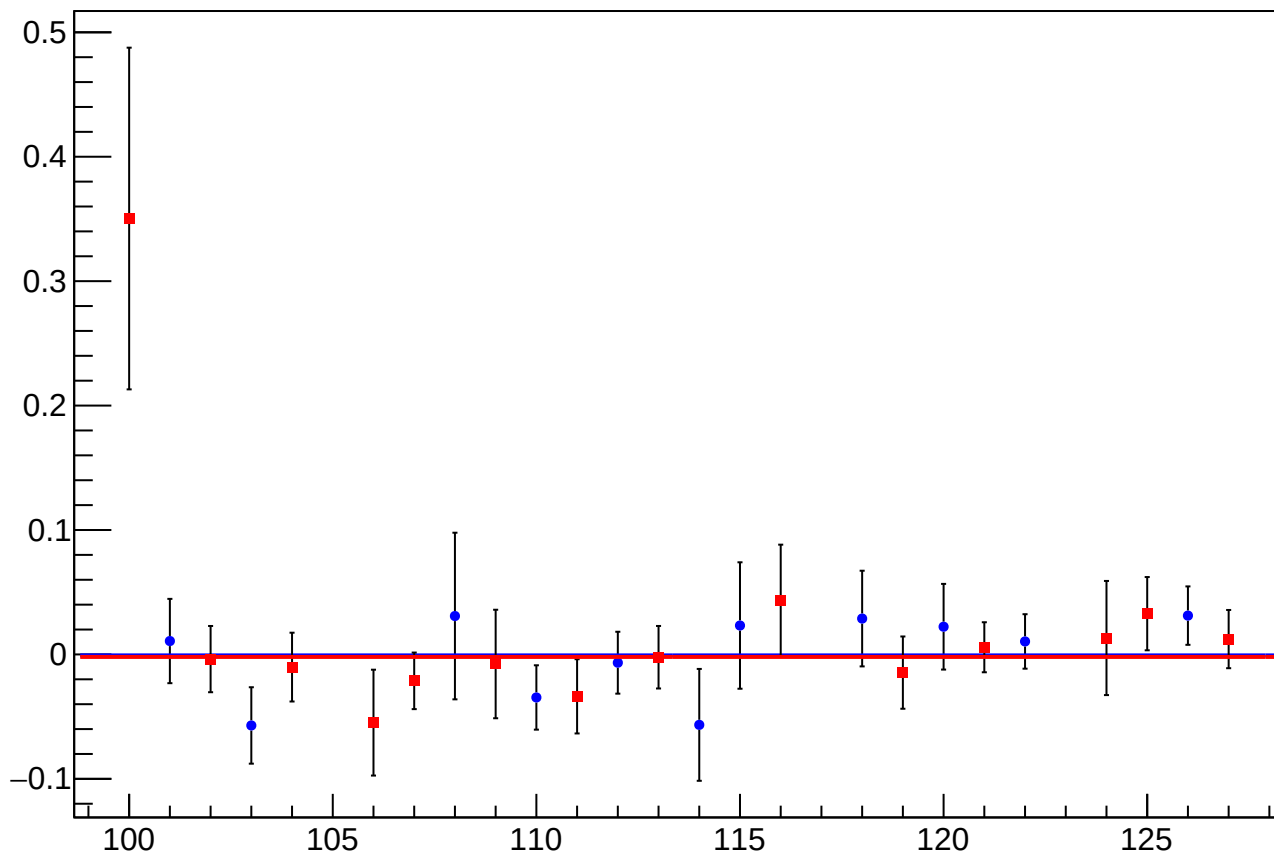
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.443+/-0.004 χ^2/NDF : 1314775.0/24

- 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: -0.001 $\pm$ 0.009 χ^2 /NDF: 10.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.002 $\pm$ 0.008 χ^2 /NDF: 13.3/13

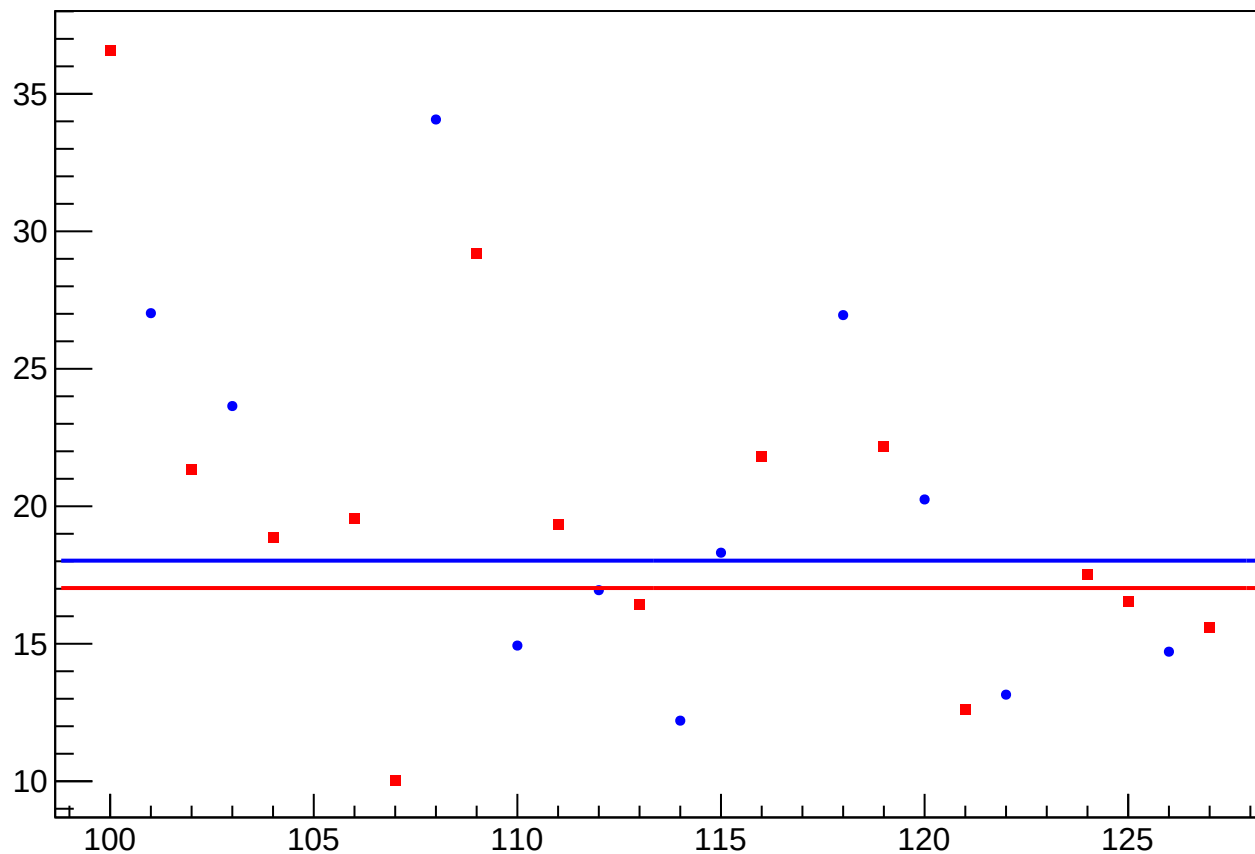
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.001 $\pm$ 0.006 χ^2 /NDF: 23.7/24

- 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: 18.023+/-0.007 χ^2/NDF : 644061.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.026+/-0.006 χ^2/NDF : 657344.8/13

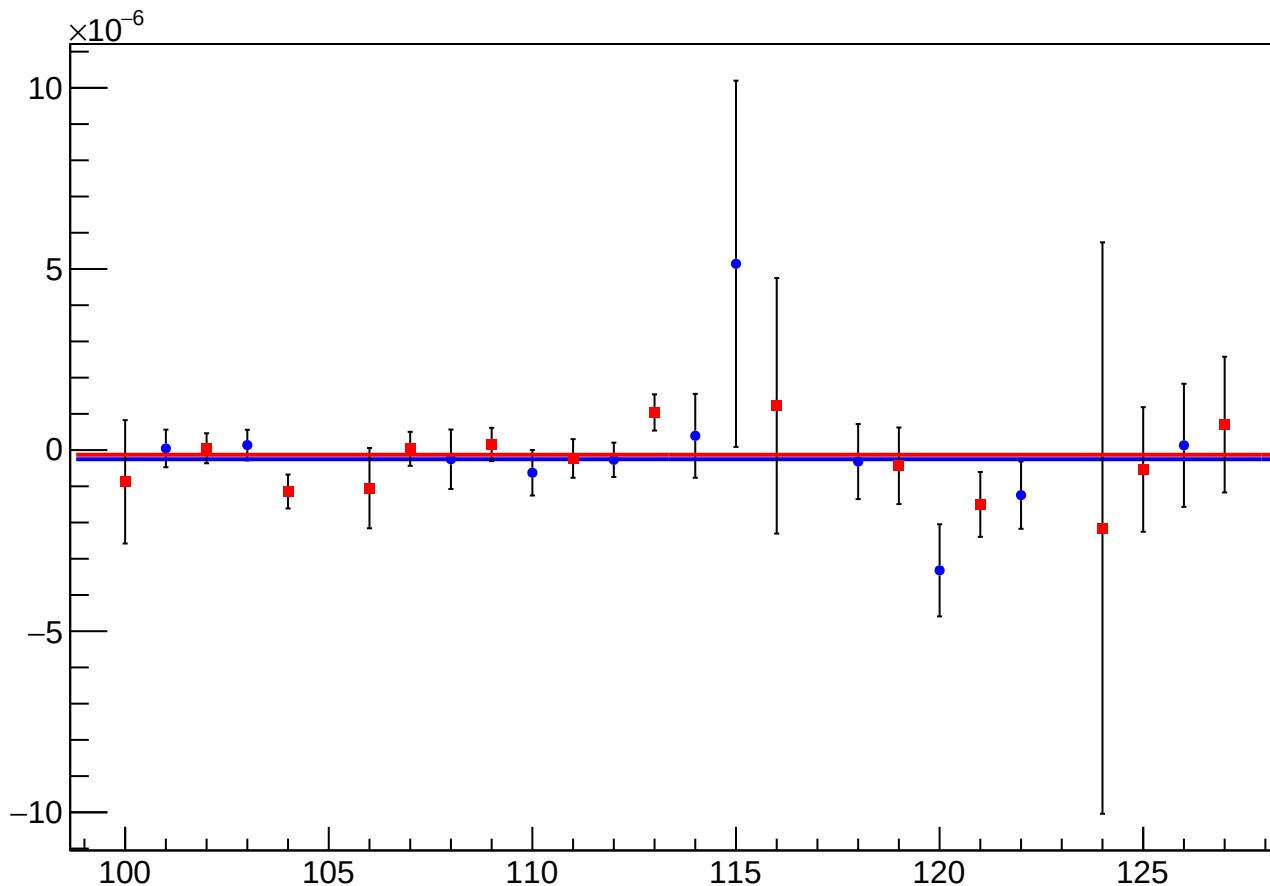
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.443+/-0.004 χ^2/NDF : 1314775.0/24

- 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: 10.0/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 14.7/13

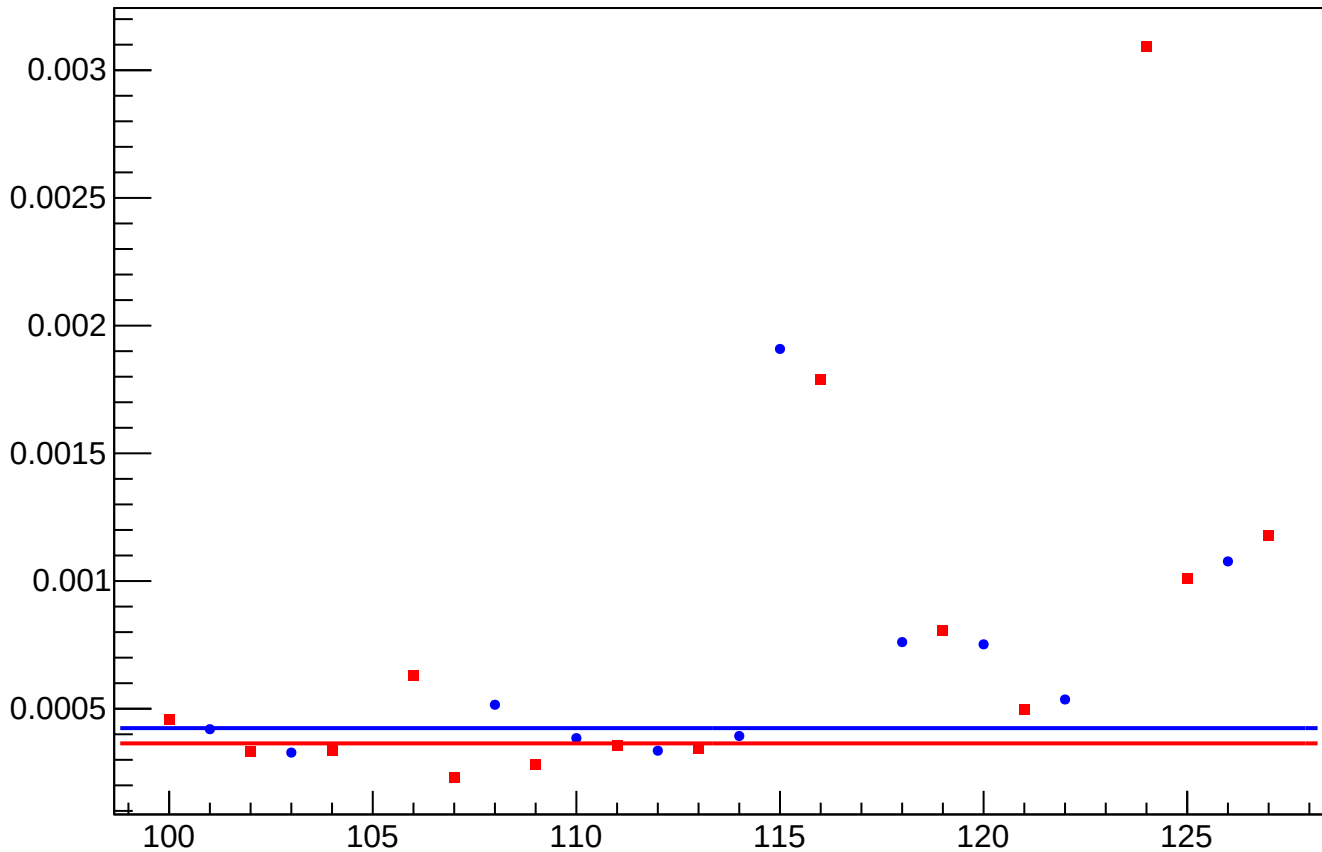
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 24.8/24

- 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 : 1047123.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1986914.0/13

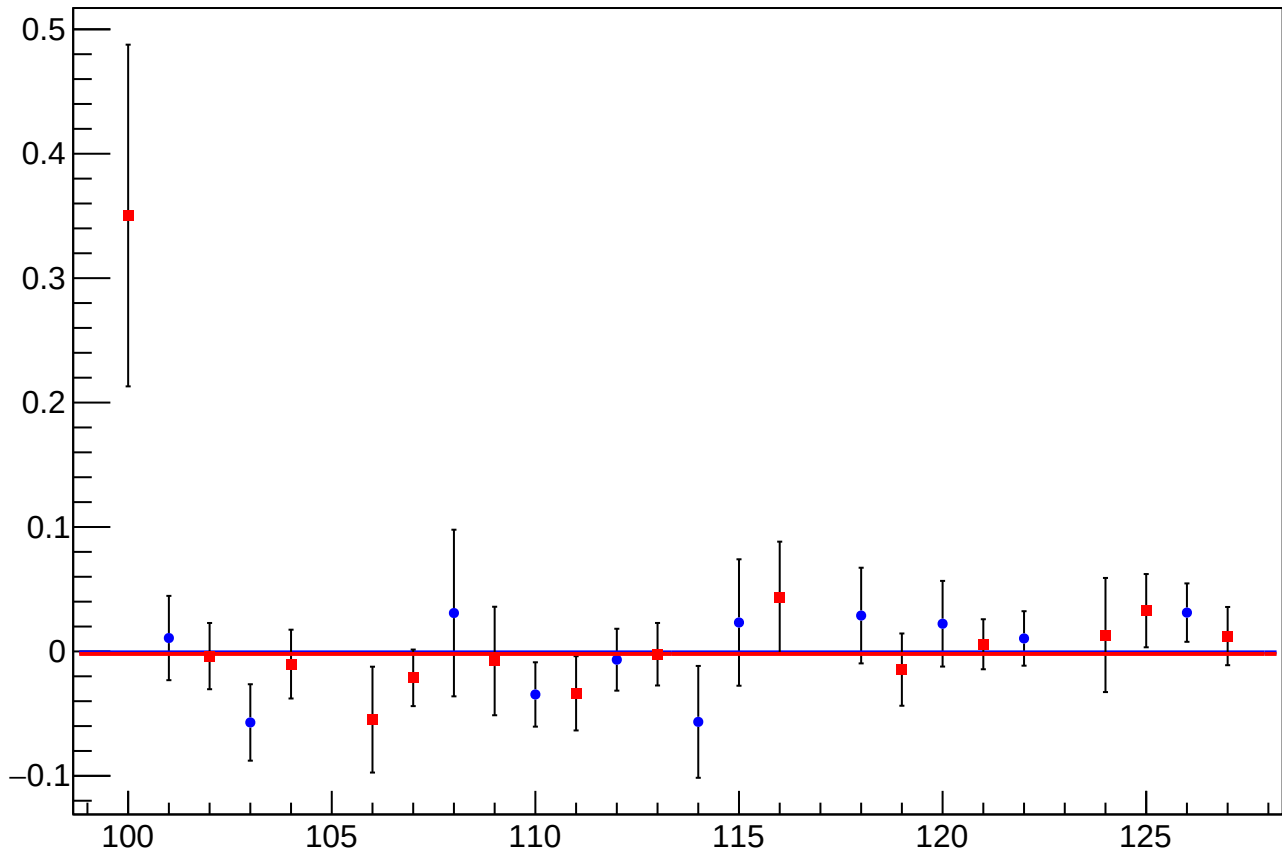
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3125182.7/24

- 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: -0.001 $\pm$ 0.009 χ^2 /NDF: 10.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.002 $\pm$ 0.008 χ^2 /NDF: 13.3/13

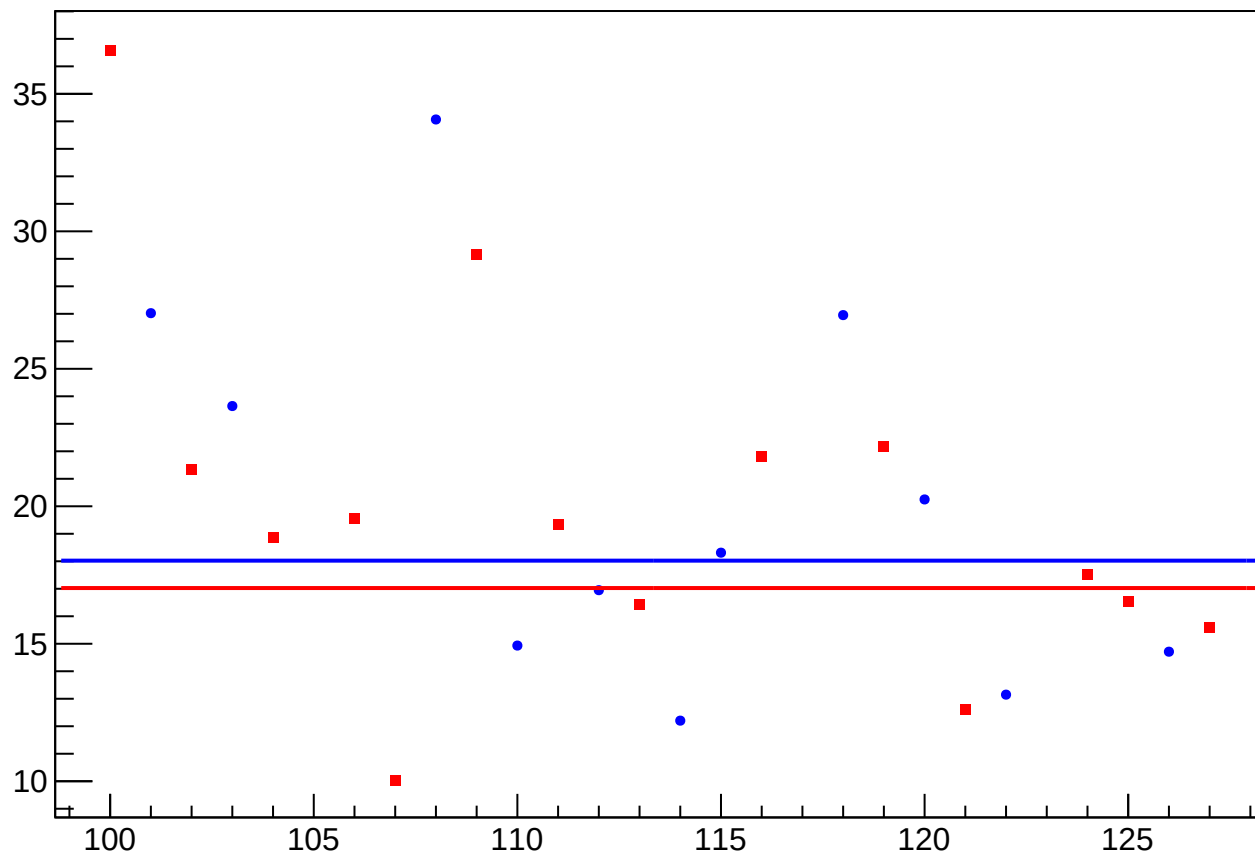
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.001 $\pm$ 0.006 χ^2 /NDF: 23.7/24

- 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: 18.023+/-0.007 χ^2/NDF : 644061.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.026+/-0.006 χ^2/NDF : 657361.8/13

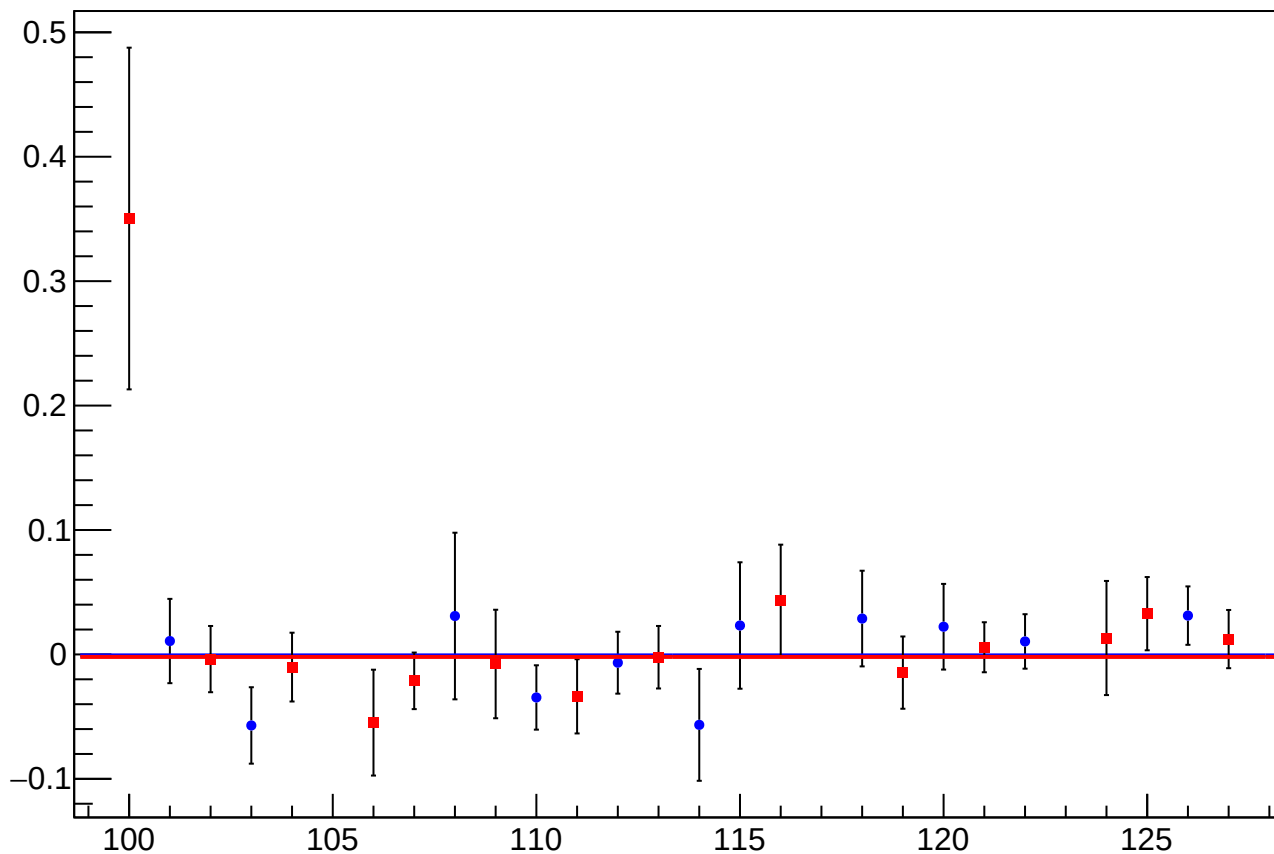
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.443+/-0.004 χ^2/NDF : 1314795.5/24

- 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: -0.001 $\pm$ 0.009 χ^2 /NDF: 10.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.002 $\pm$ 0.008 χ^2 /NDF: 13.3/13

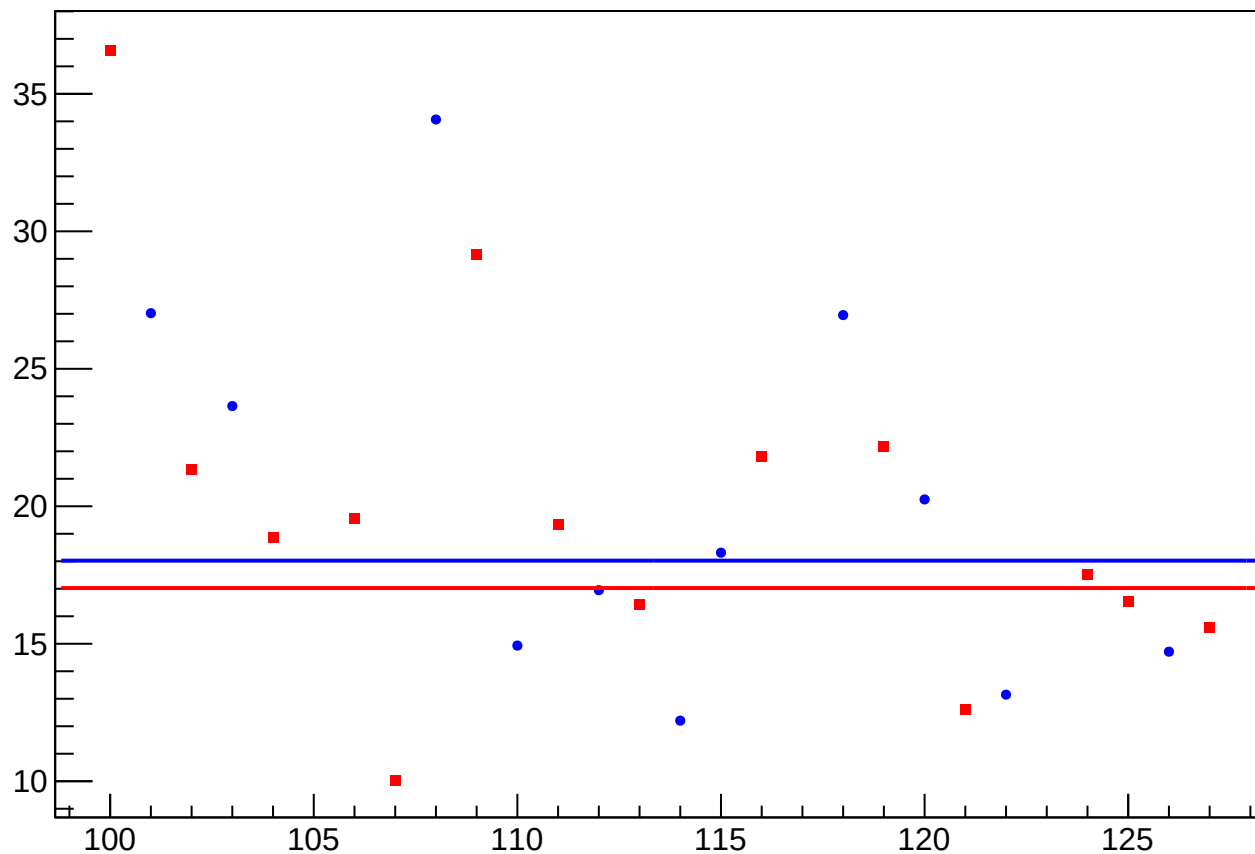
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.001 $\pm$ 0.006 χ^2 /NDF: 23.7/24

- 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: 18.023+/-0.007 χ^2/NDF : 644061.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.026+/-0.006 χ^2/NDF : 657361.8/13

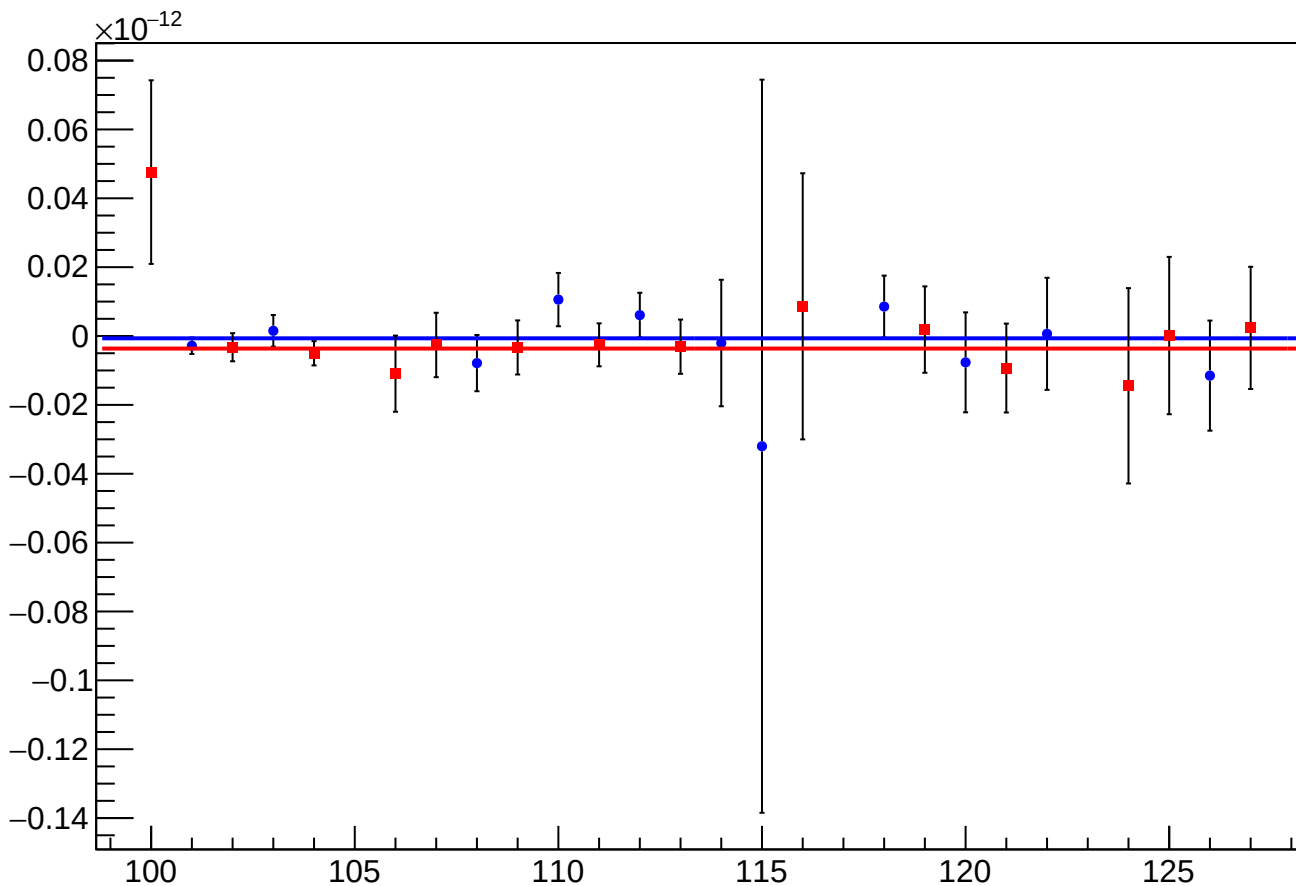
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.443+/-0.004 χ^2/NDF : 1314795.5/24

- sign 0.000+/-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 : 6.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.1/13

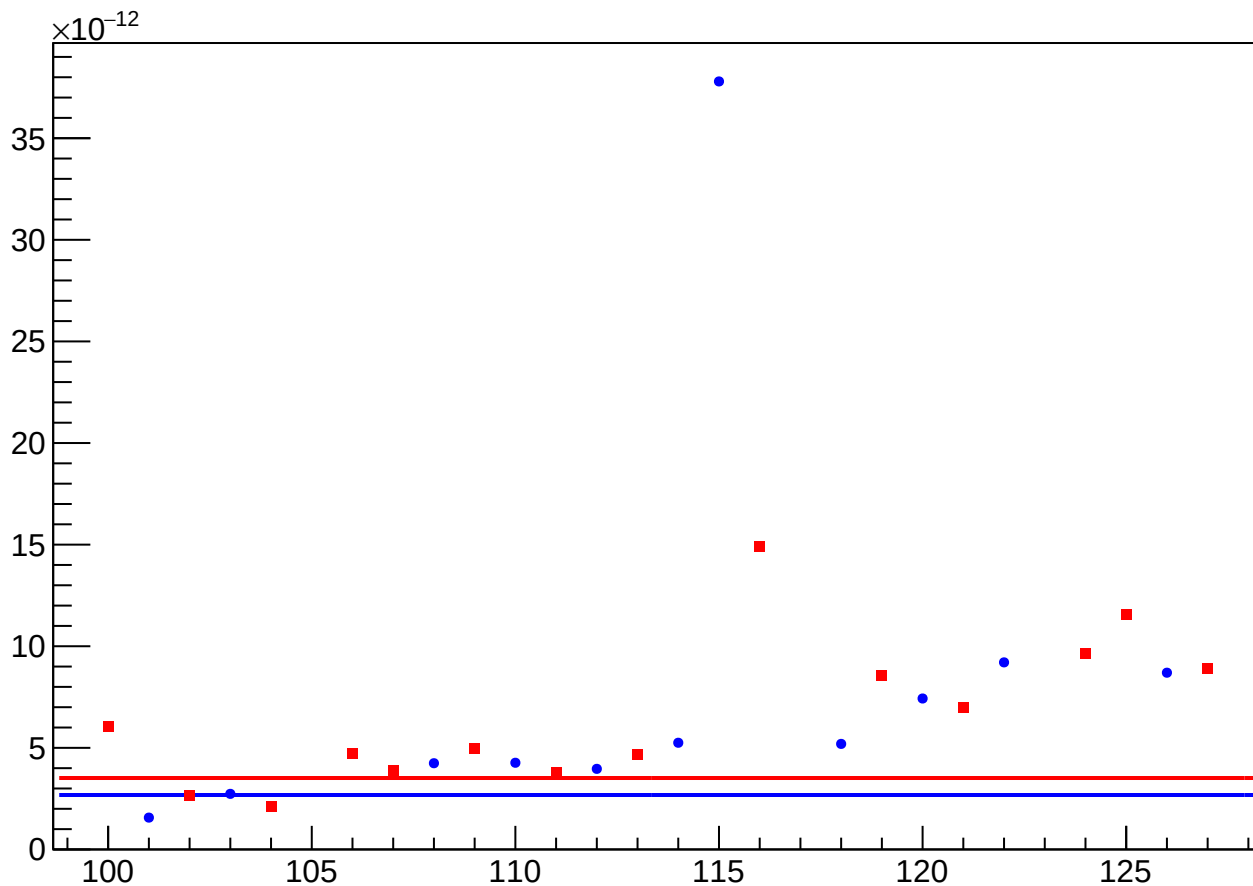
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.1/24

- 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 : 1904019.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1740588.3/13

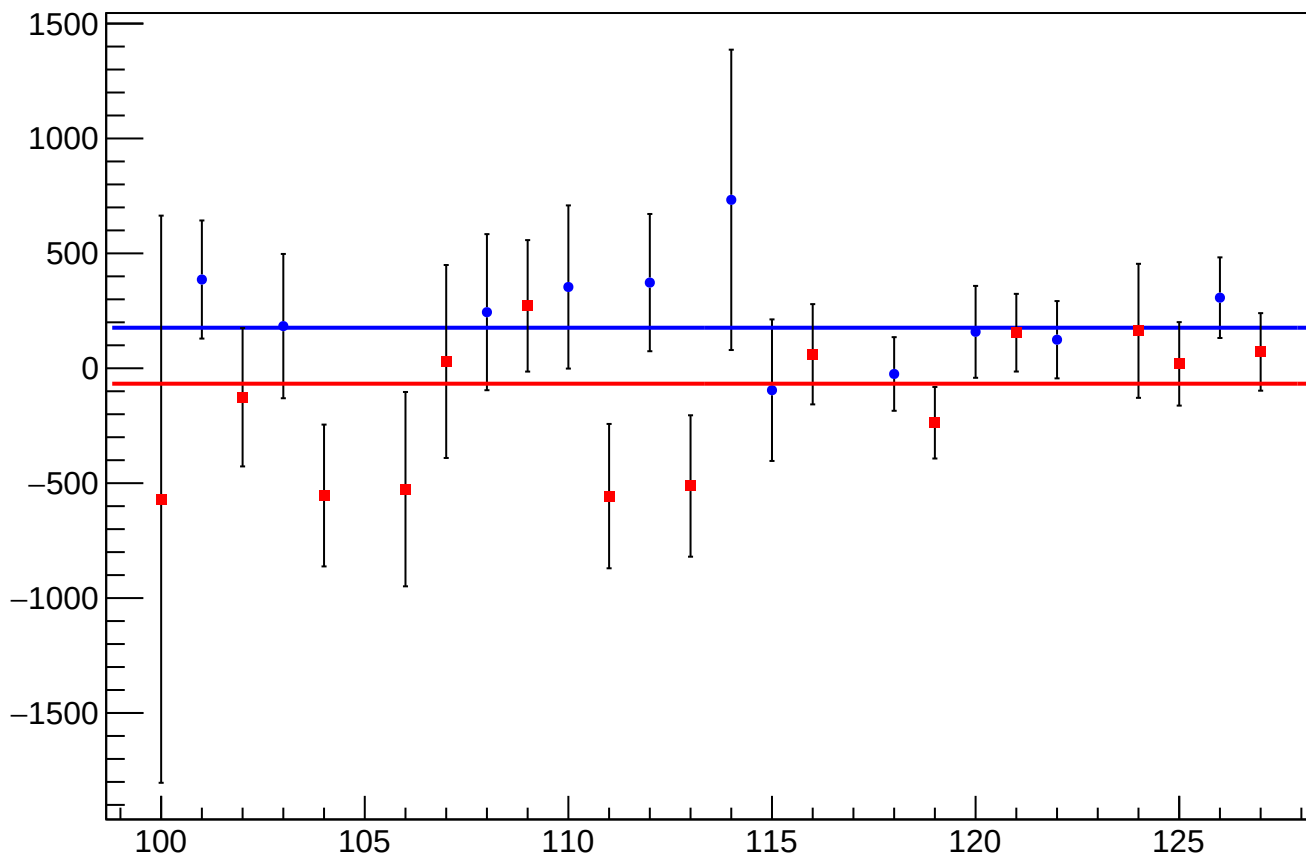
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3832602.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_mean vs Slug



Right In: 176.438 $\pm$ 71.104 χ^2 /NDF: 5.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -67.128 $\pm$ 64.432 χ^2 /NDF: 14.6/13

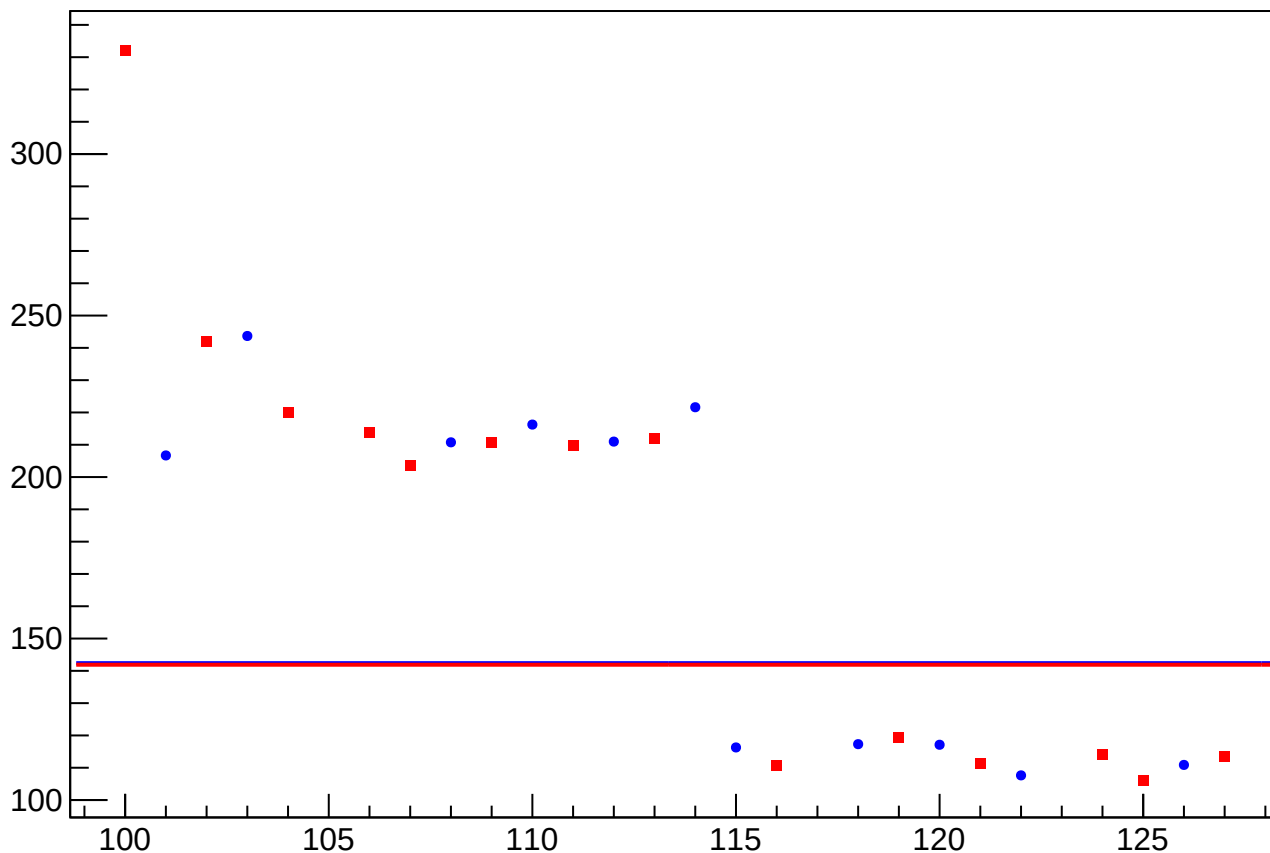
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 42.695 $\pm$ 47.745 χ^2 /NDF: 26.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_avg_rms vs Slug



Right In: 142.378+/-0.050 χ^2/NDF : 881193.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 141.896+/-0.046 χ^2/NDF : 1109923.0/13

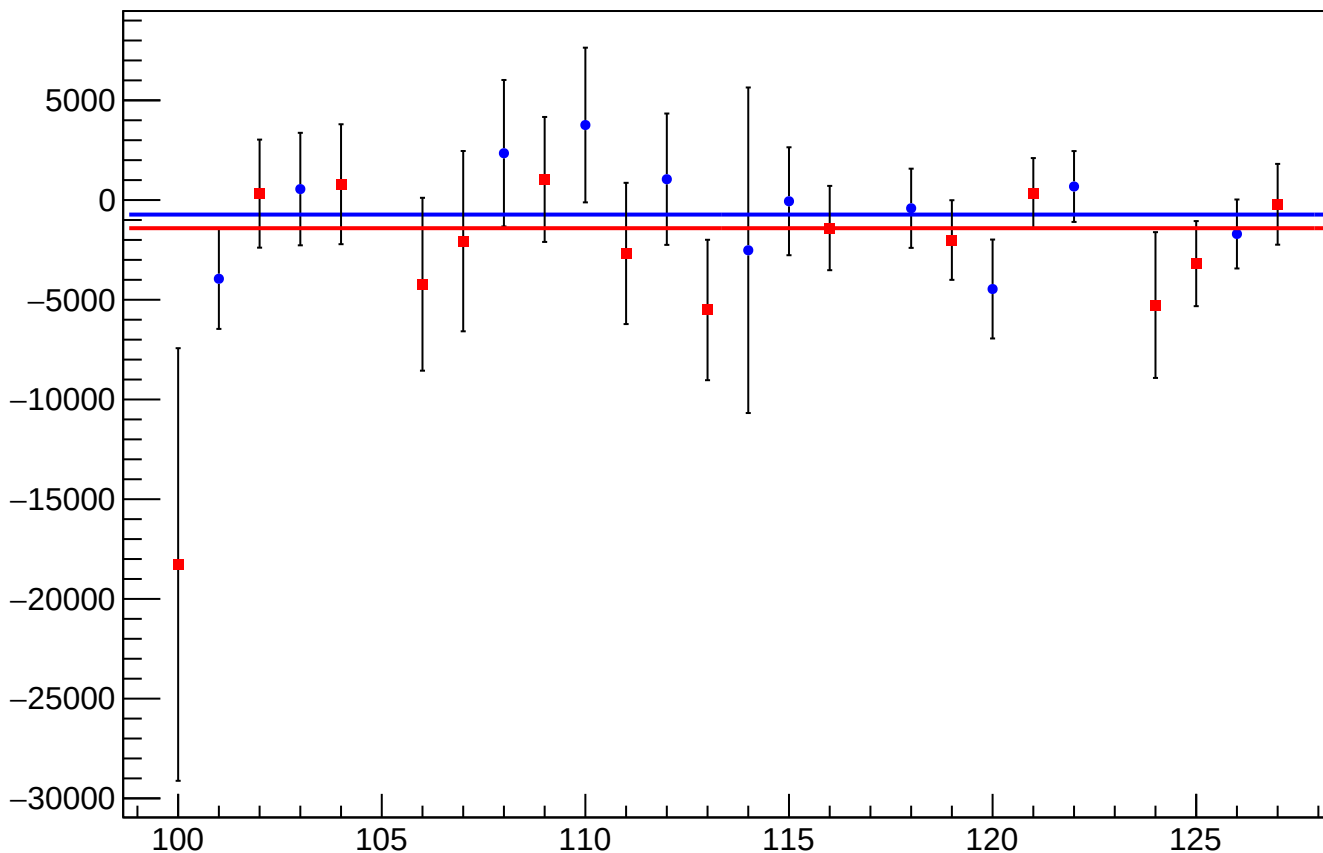
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.113+/-0.034 χ^2/NDF : 1991166.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_reg_correction_mean vs Slug



Right In: -728.611+/-759.005 χ^2/NDF : 7.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1411.473+/-715.421 χ^2/NDF : 9.1/13

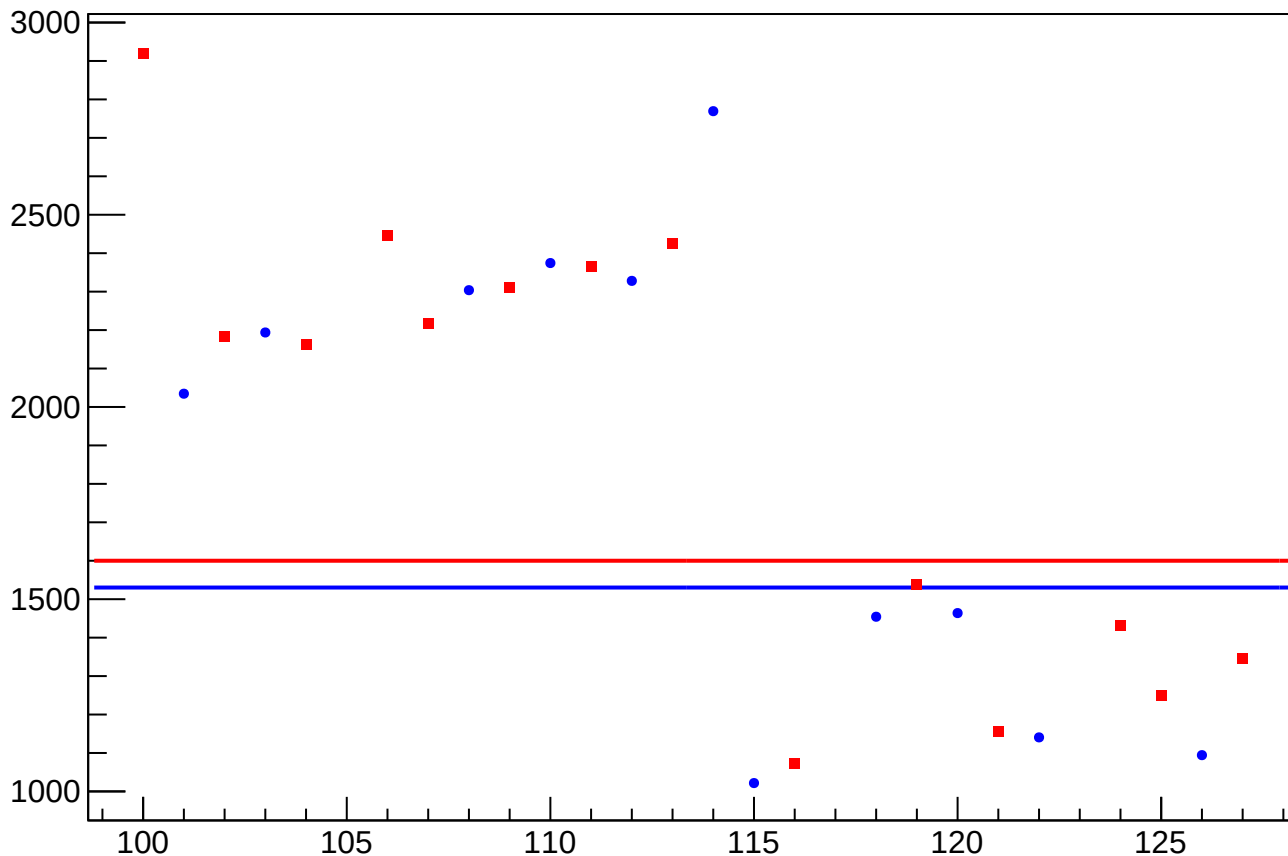
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1090.209+/-520.605 χ^2/NDF : 17.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_reg_correction_rms vs Slug



Right In: 1530.332+/-0.537 χ^2/NDF : 836418.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1600.025+/-0.506 χ^2/NDF : 955803.5/13

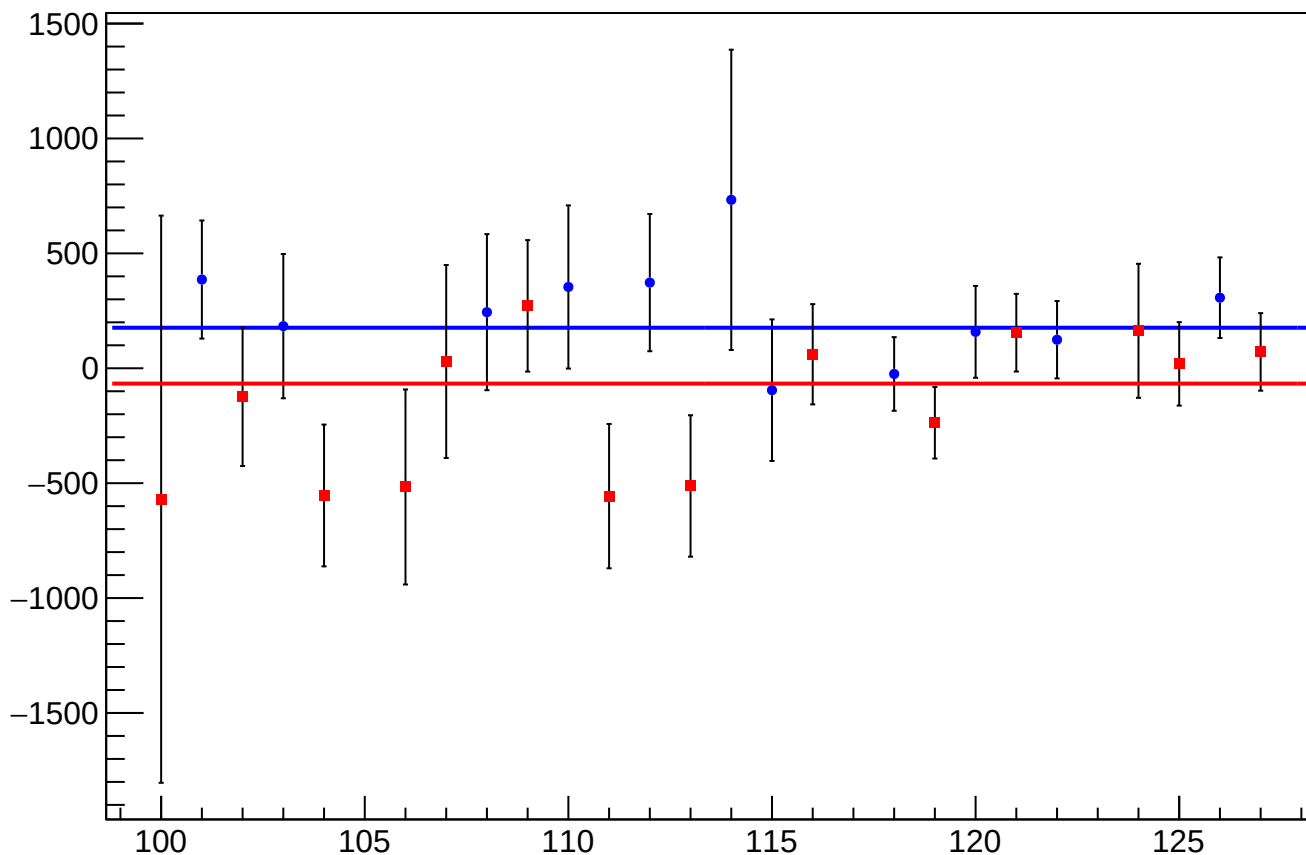
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1567.237+/-0.368 χ^2/NDF : 1801151.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_26_avg_mean vs Slug



Right In: 176.426+/-71.104 χ^2/NDF : 5.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -66.736+/-64.439 χ^2/NDF : 14.6/13

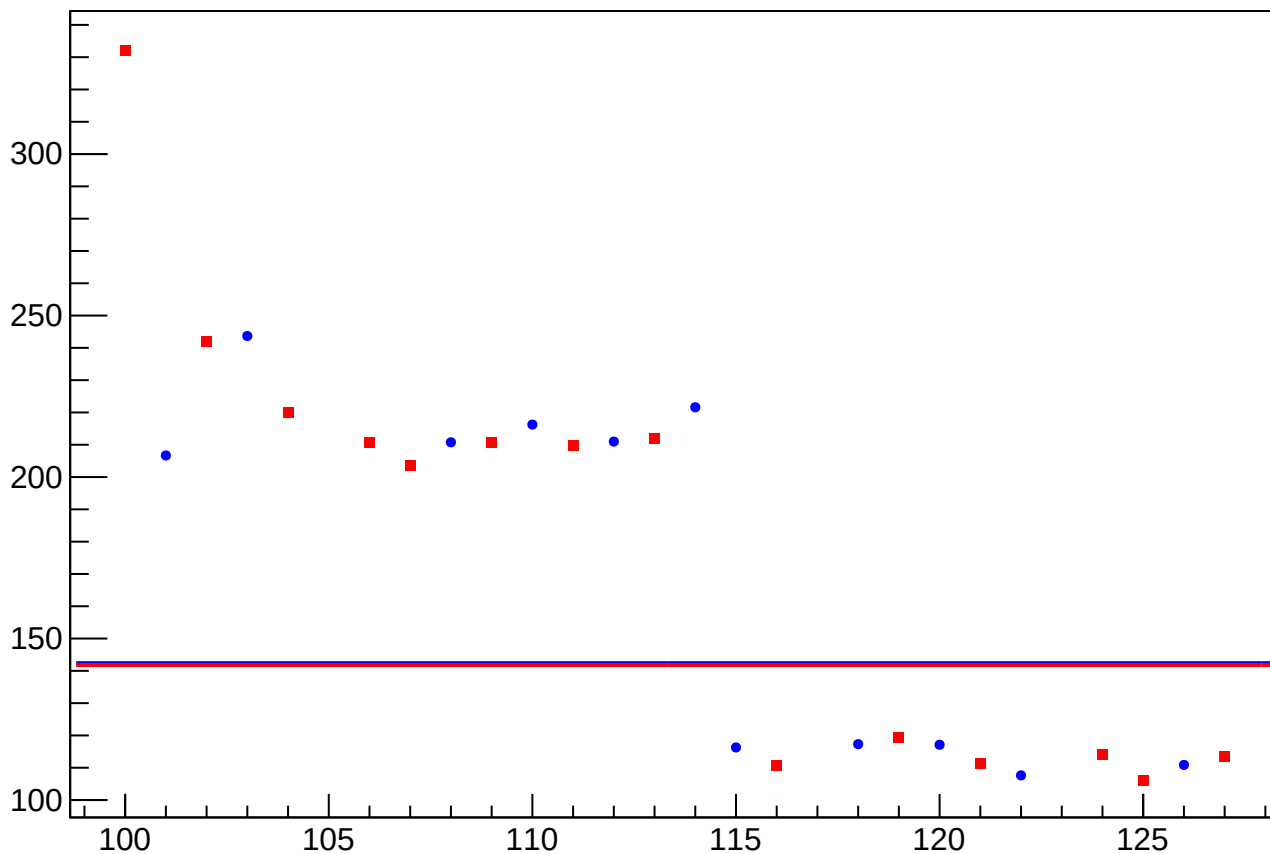
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.918+/-47.748 χ^2/NDF : 26.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_26_avg_rms vs Slug



Right In: 142.378+/-0.050 χ^2/NDF : 881195.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 141.814+/-0.046 χ^2/NDF : 1105014.4/13

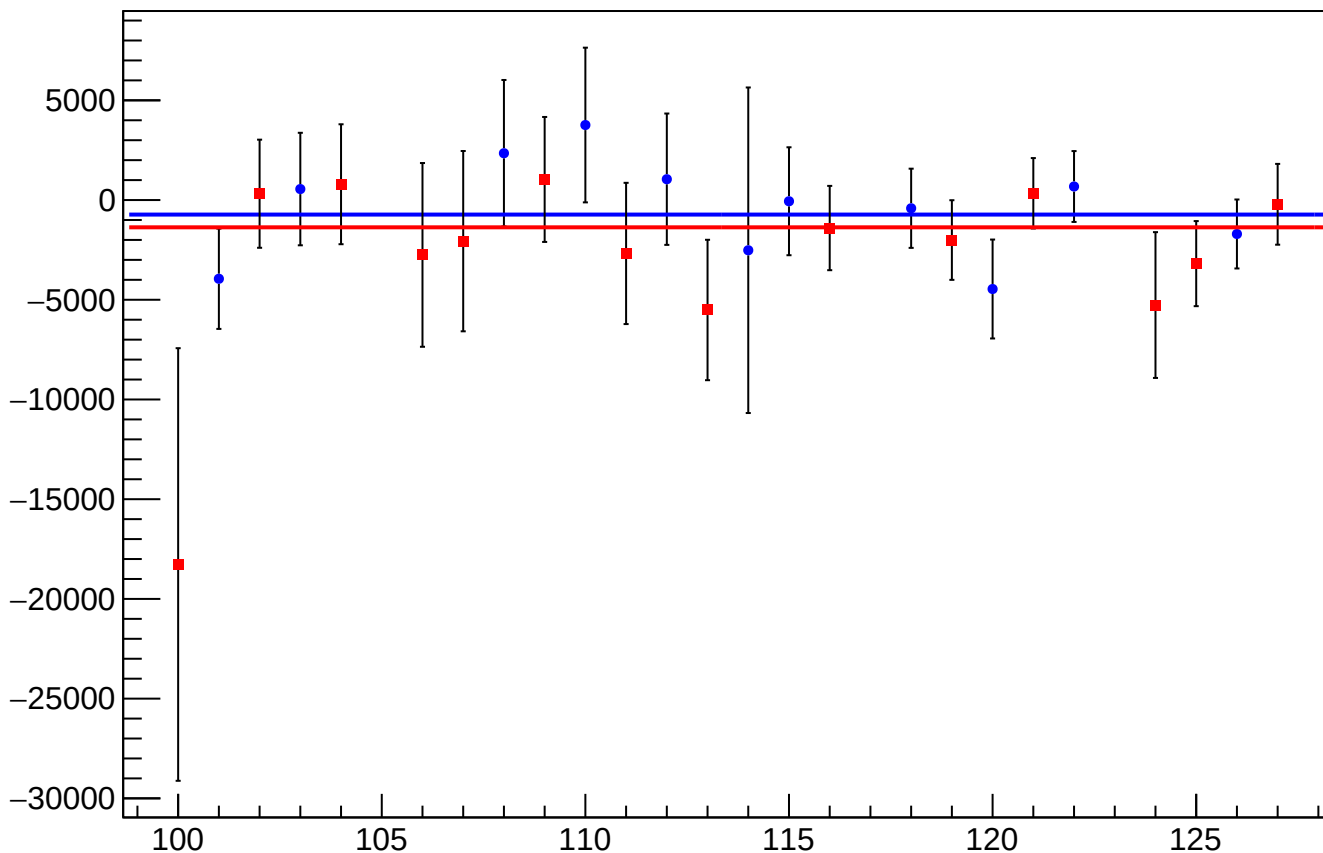
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.068+/-0.034 χ^2/NDF : 1986279.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_cor_correction_mean vs Slug



Right In: -728.545+/-759.008 χ^2/NDF : 7.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1367.594+/-716.576 χ^2/NDF : 8.8/13

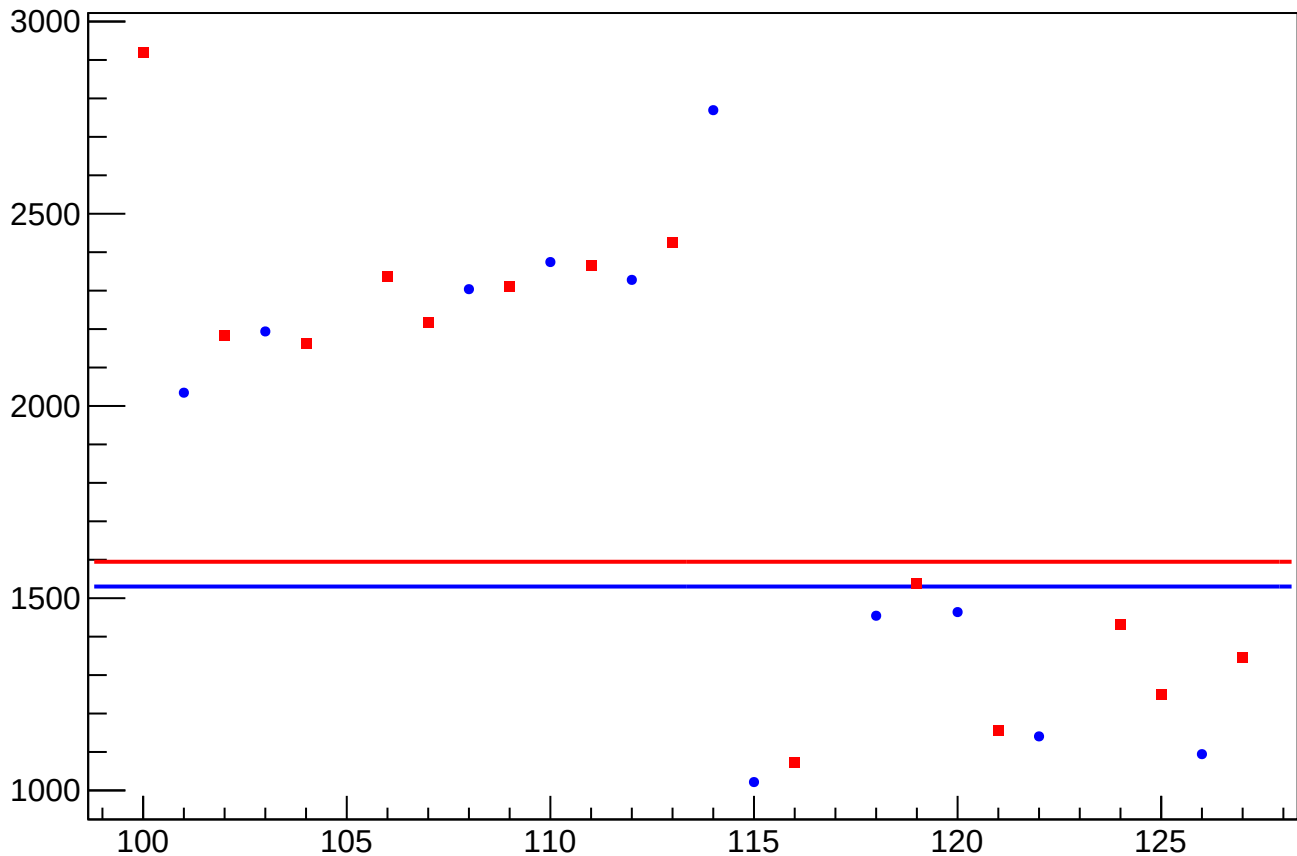
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1066.430+/-521.051 χ^2/NDF : 16.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_cor_correction_rms vs Slug



Right In: 1530.334+/-0.537 χ^2/NDF : 836446.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1594.777+/-0.507 χ^2/NDF : 931020.6/13

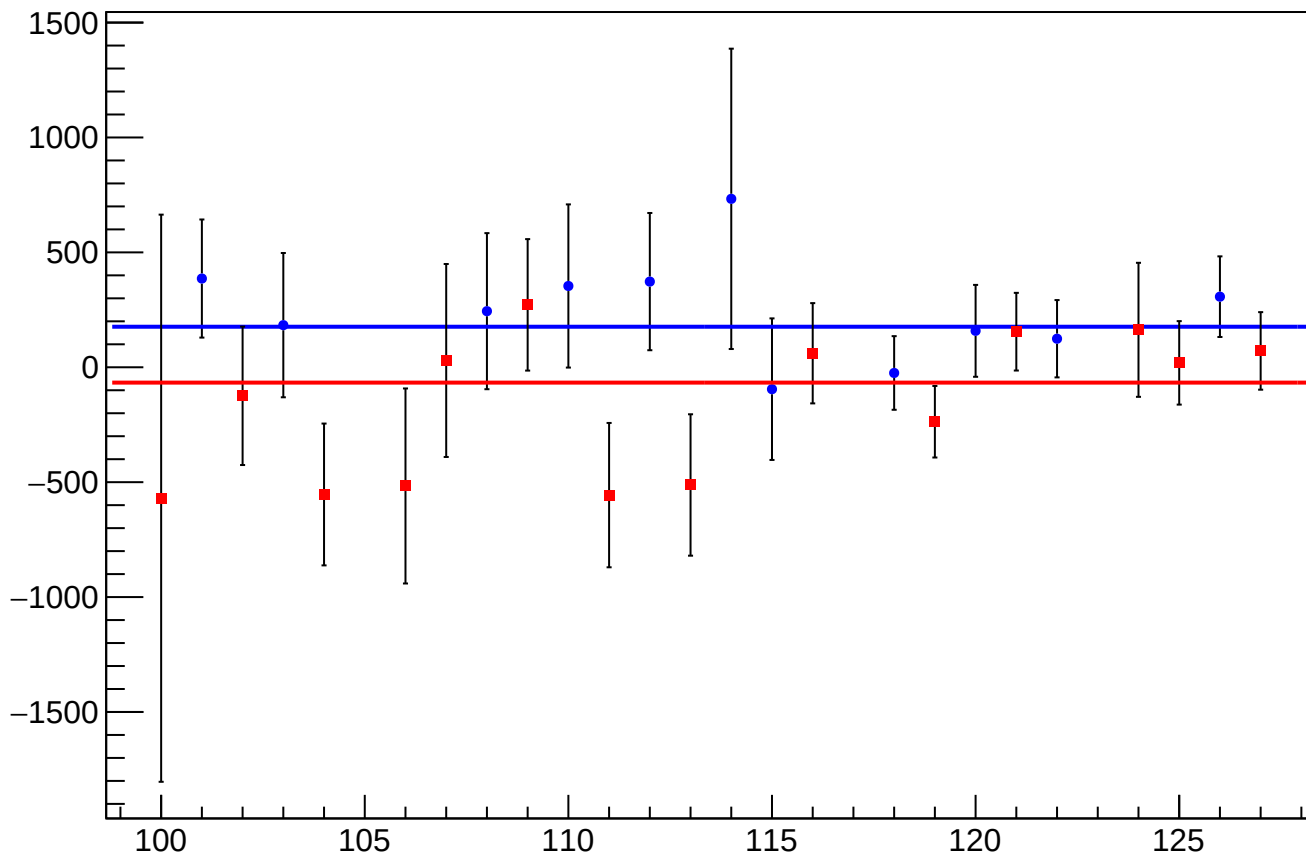
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1564.407+/-0.368 χ^2/NDF : 1775089.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_26_avg_mean vs Slug



Right In: 176.426 $\pm$ 71.104 χ^2 /NDF: 5.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -66.736 $\pm$ 64.439 χ^2 /NDF: 14.6/13

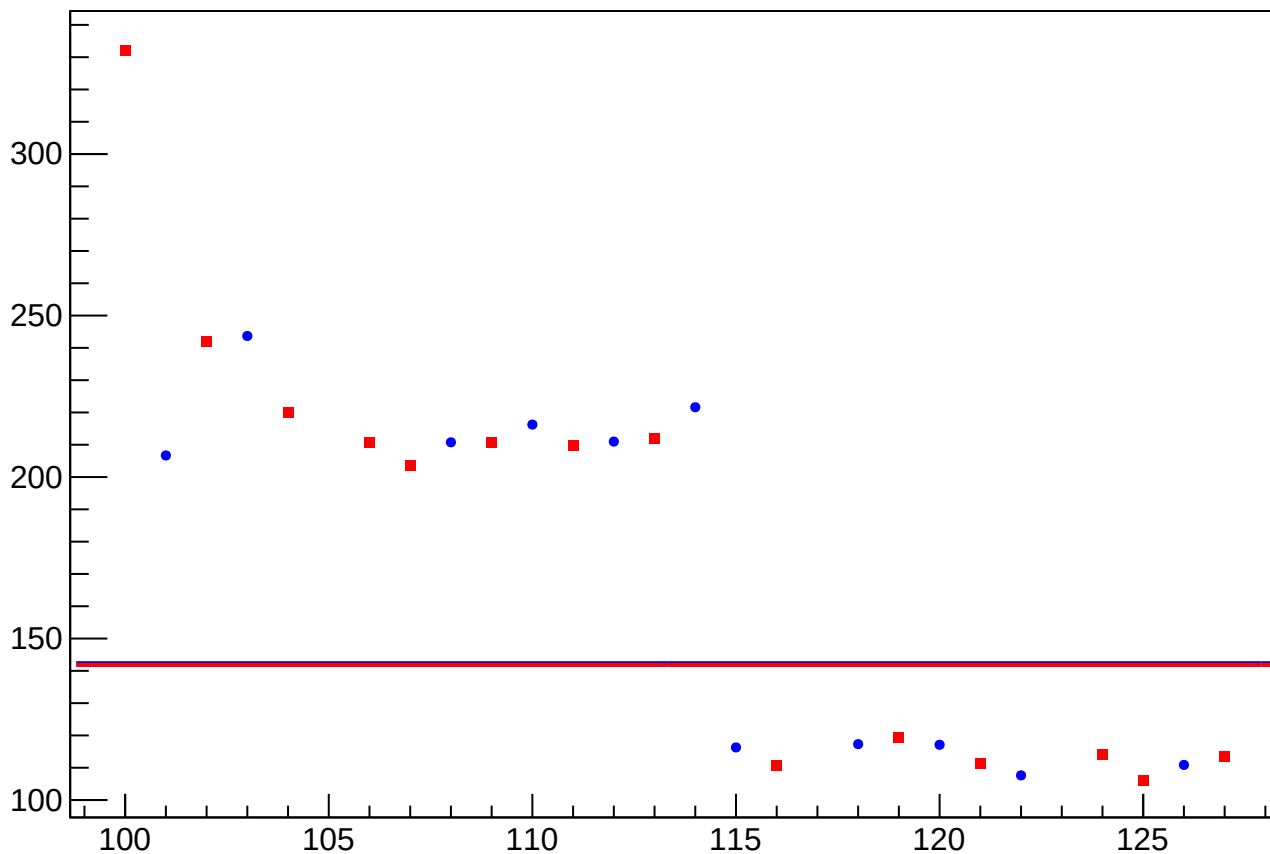
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 42.918 $\pm$ 47.748 χ^2 /NDF: 26.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_26_avg_rms vs Slug



Right In: 142.378+/-0.050 χ^2/NDF : 881195.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 141.814+/-0.046 χ^2/NDF : 1105014.4/13

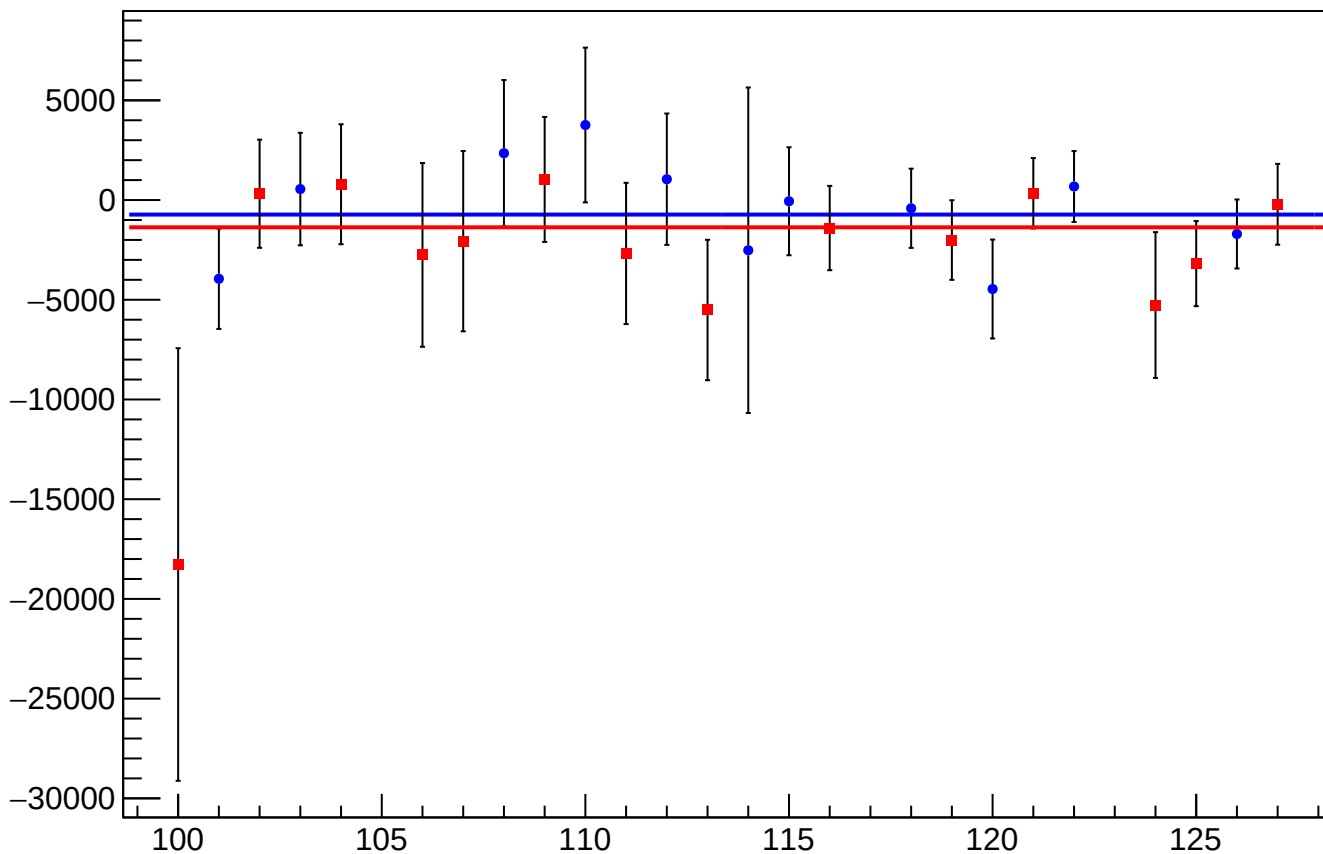
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.068+/-0.034 χ^2/NDF : 1986279.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_eigen_cor_correction_mean vs Slug



Right In: -728.545+/-759.008 χ^2/NDF : 7.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1367.594+/-716.576 χ^2/NDF : 8.8/13

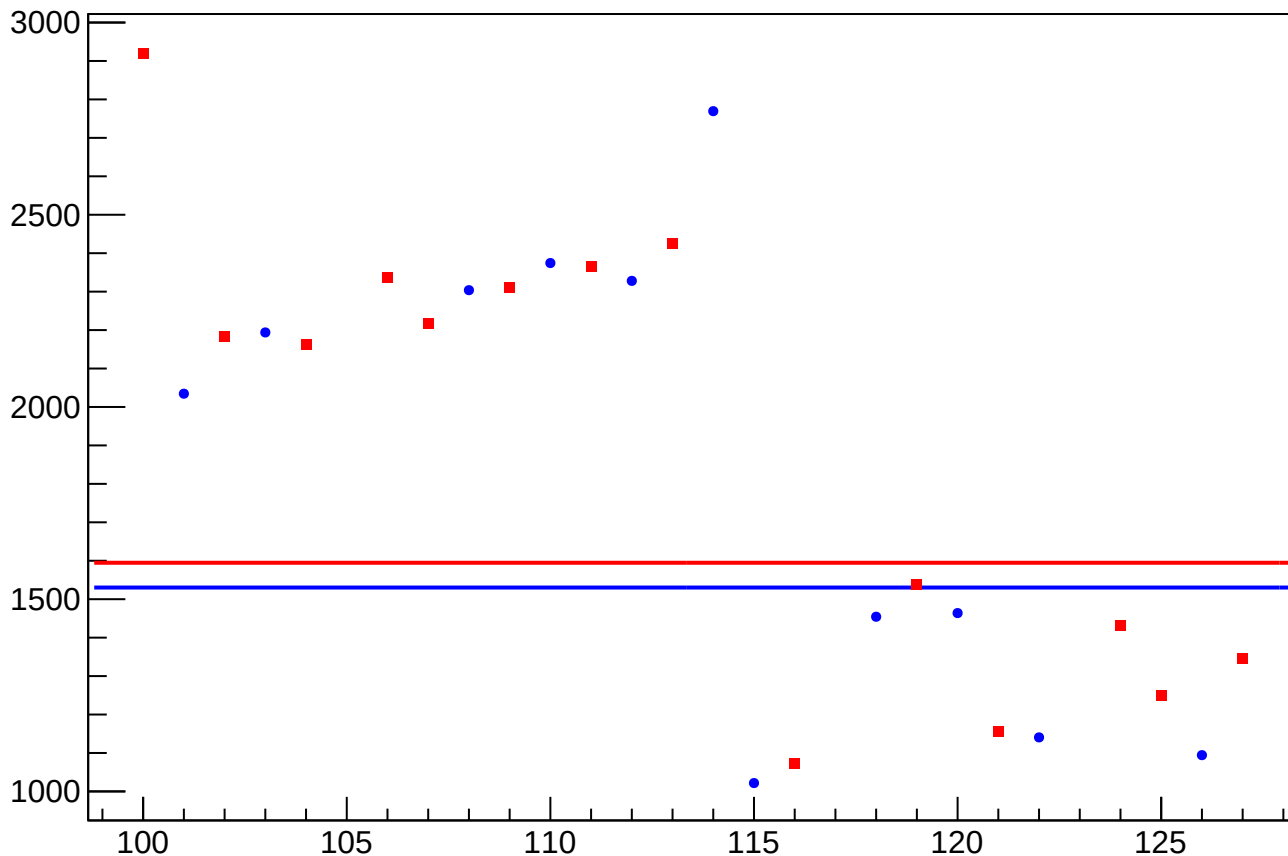
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1066.430+/-521.051 χ^2/NDF : 16.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_eigen_cor_correction_rms vs Slug



Right In: 1530.334+/-0.537 χ^2/NDF : 836446.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1594.777+/-0.507 χ^2/NDF : 931020.6/13

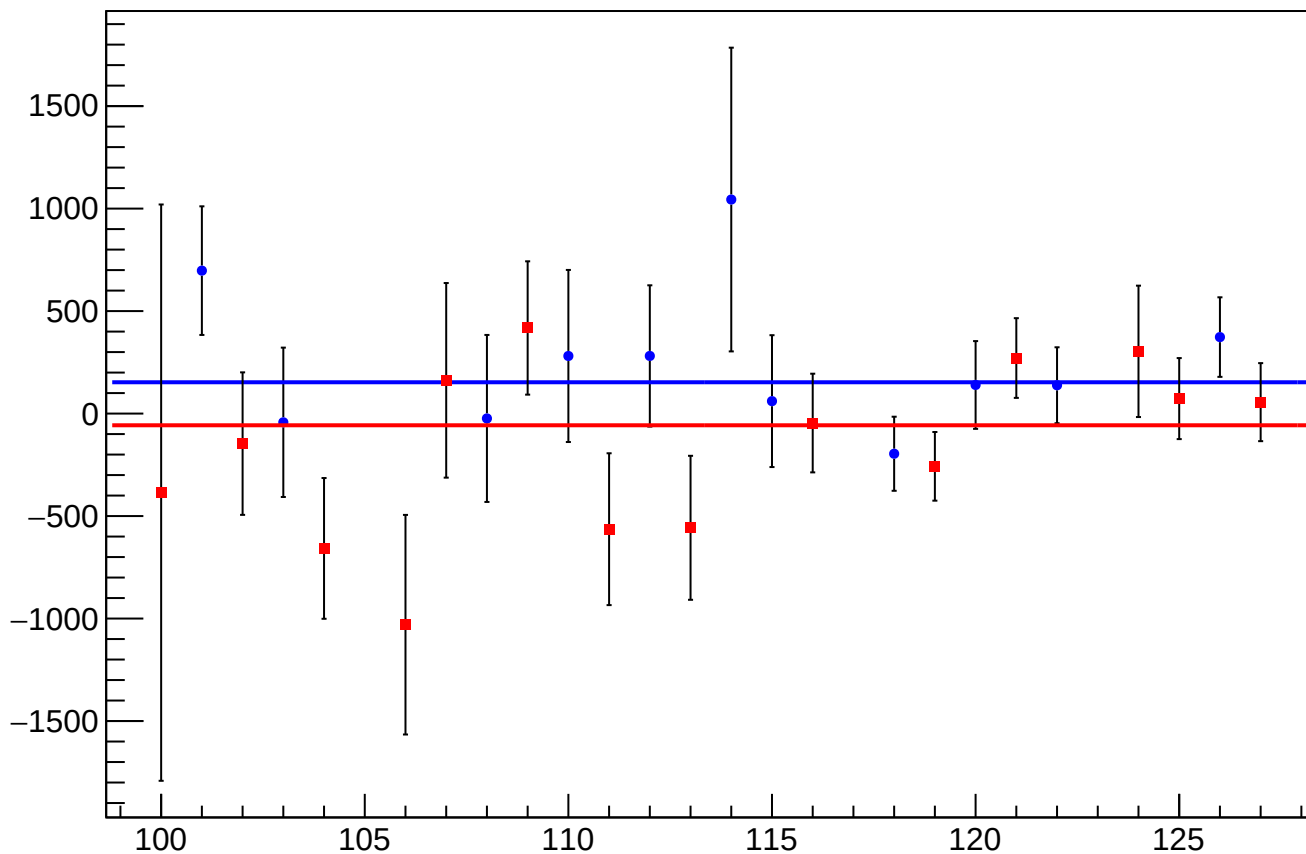
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1564.407+/-0.368 χ^2/NDF : 1775089.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_avg_mean vs Slug



Right In: 152.759 $\pm$ 79.693 χ^2 /NDF: 10.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -57.087 $\pm$ 72.110 χ^2 /NDF: 19.1/13

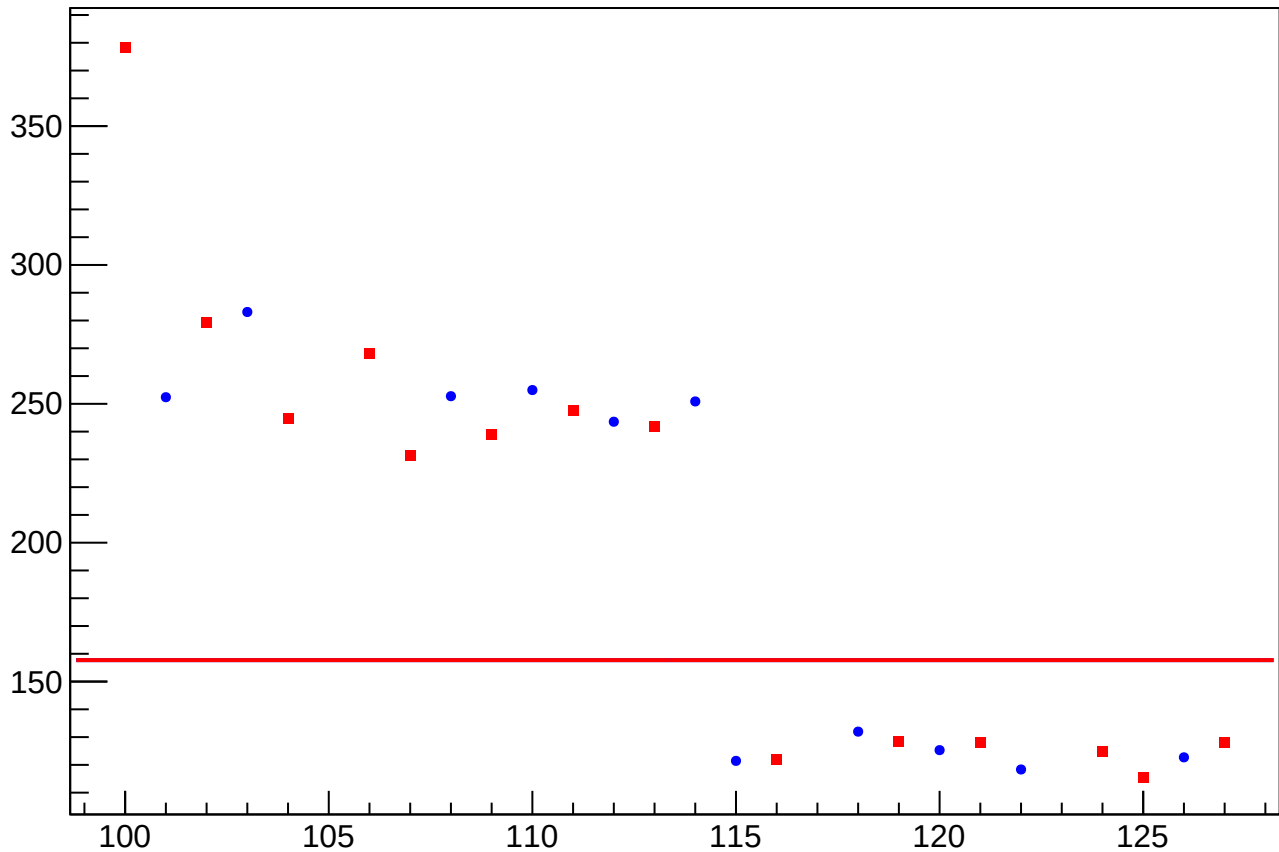
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 37.379 $\pm$ 53.470 χ^2 /NDF: 33.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_26_avg_rms vs Slug



Right In: 157.714 $\pm$ 0.056 χ^2 /NDF: 1058018.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 157.721 $\pm$ 0.051 χ^2 /NDF: 1225771.6/13

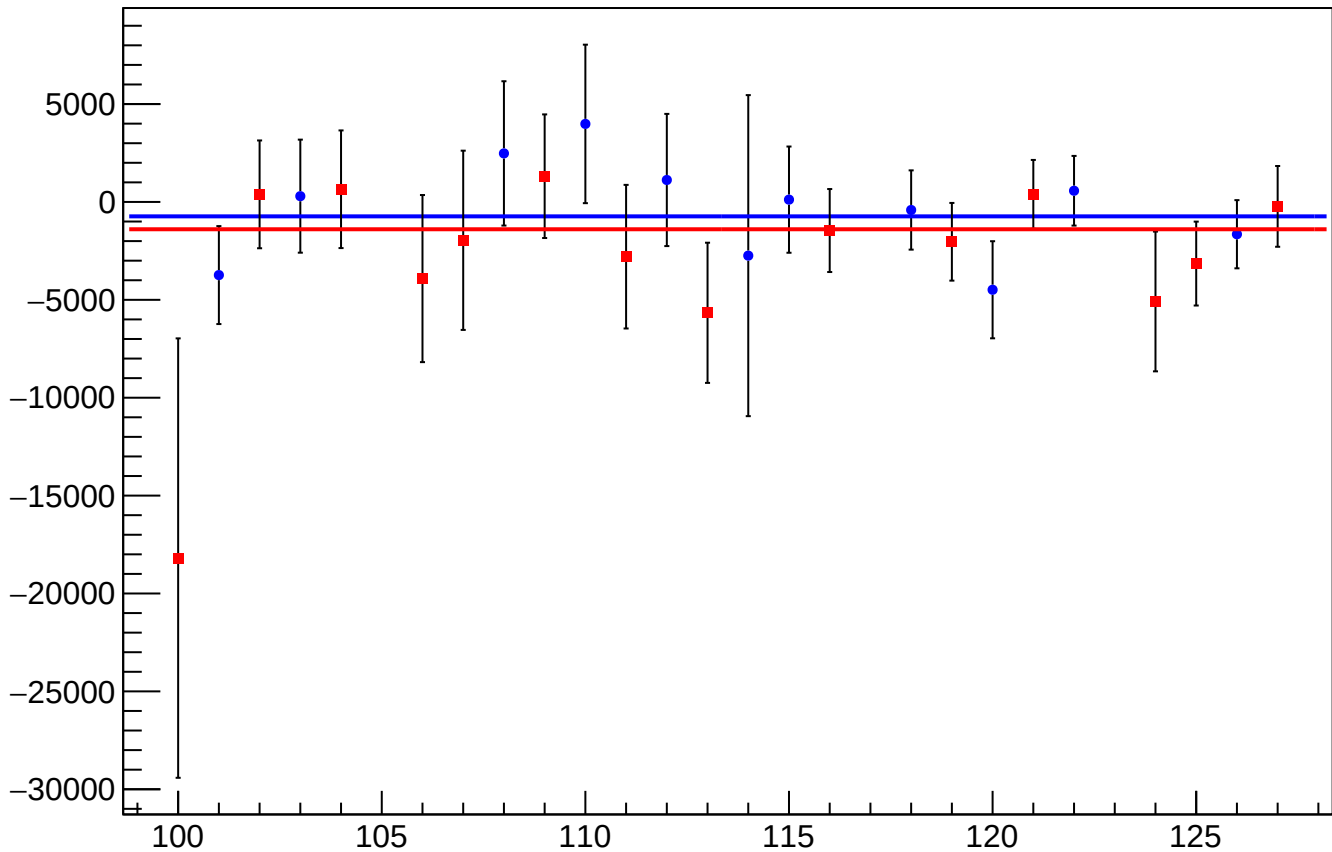
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 157.718 $\pm$ 0.038 χ^2 /NDF: 2283789.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_dit_correction_mean vs Slug



Right In: -736.091+/-765.836 χ^2 /NDF: 7.3/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1395.294+/-718.574 χ^2 /NDF: 9.0/13

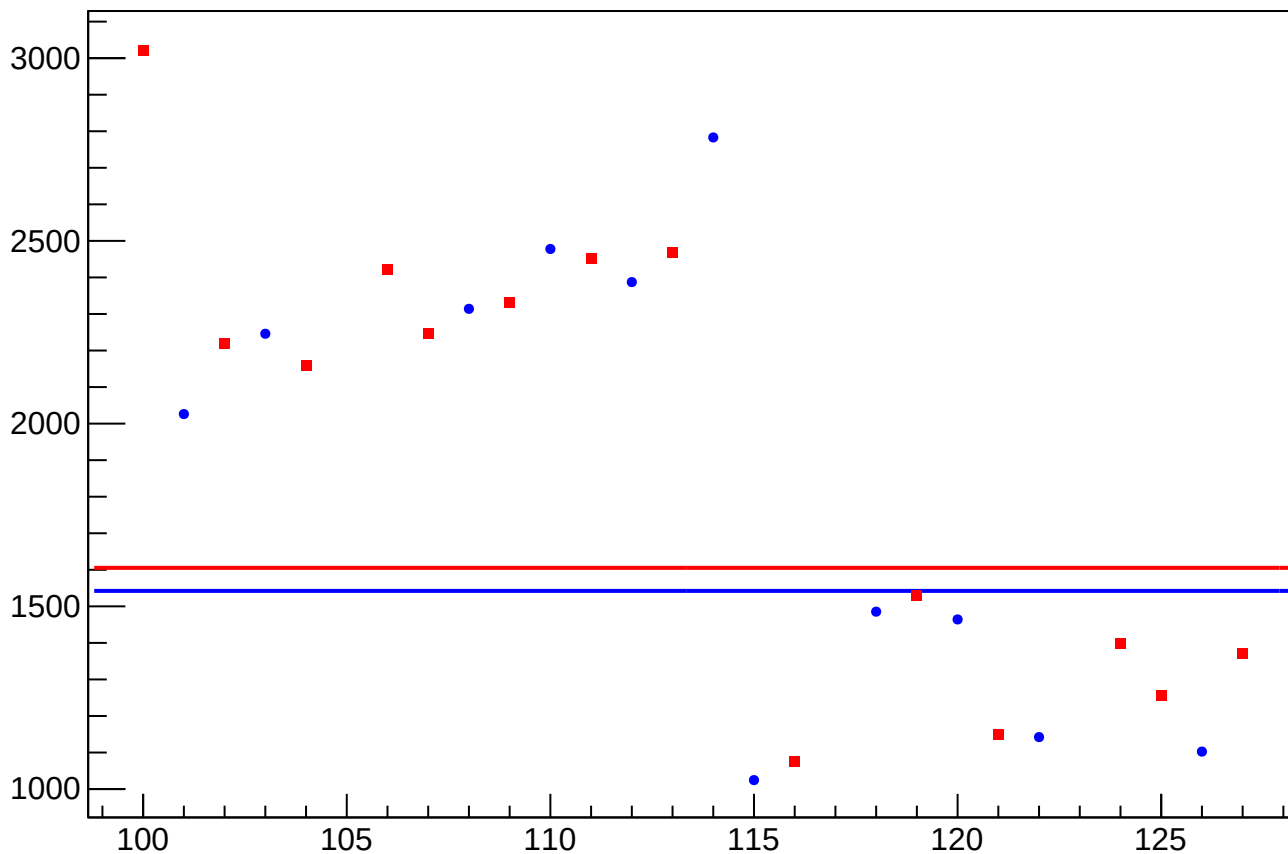
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1086.659+/-524.021 χ^2 /NDF: 16.6/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_dit_correction_rms vs Slug



Right In: 1542.285+/-0.542 χ^2/NDF : 864236.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1605.432+/-0.508 χ^2/NDF : 987128.3/13

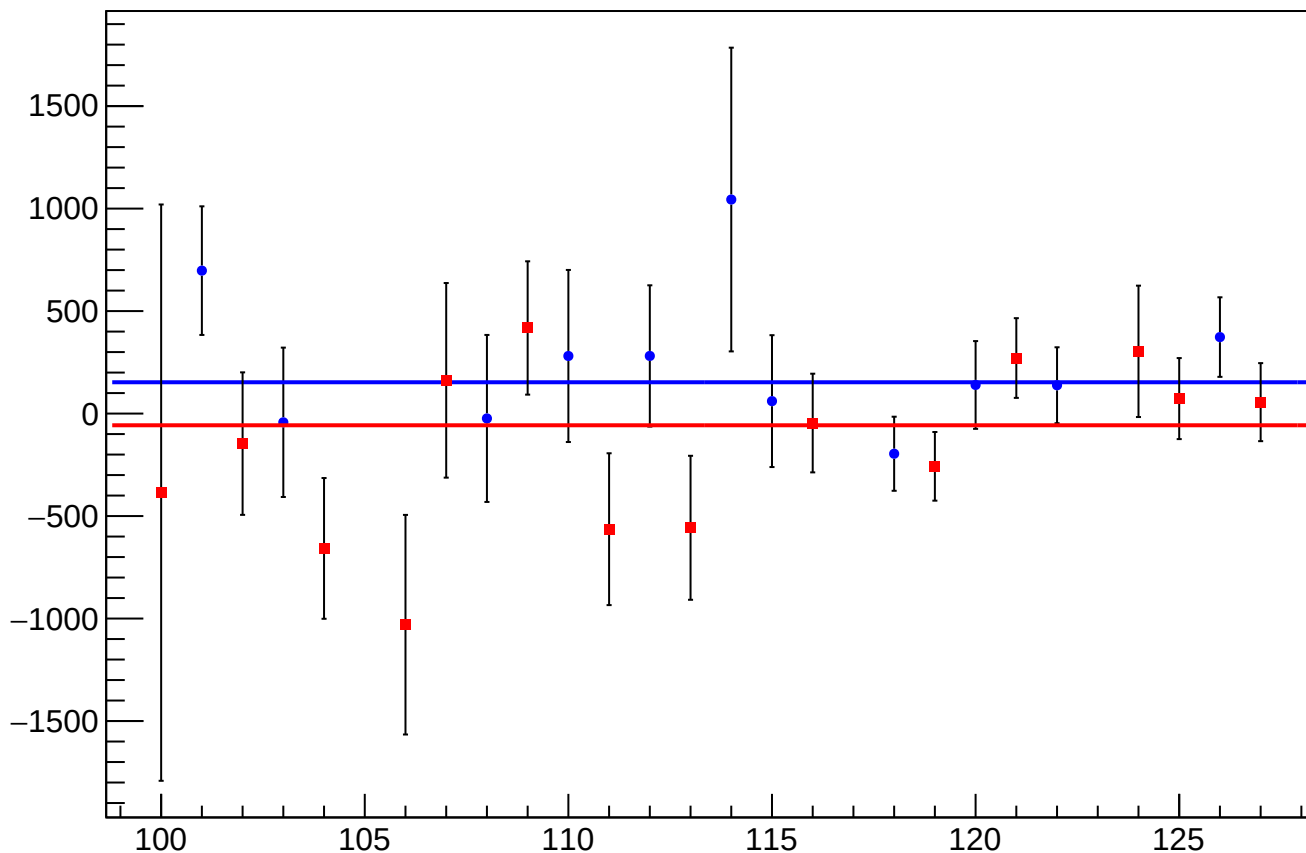
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1575.867+/-0.371 χ^2/NDF : 1858596.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_26_avg_mean vs Slug



Right In: 152.762 $\pm$ 79.693 χ^2 /NDF: 10.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -57.087 $\pm$ 72.110 χ^2 /NDF: 19.1/13

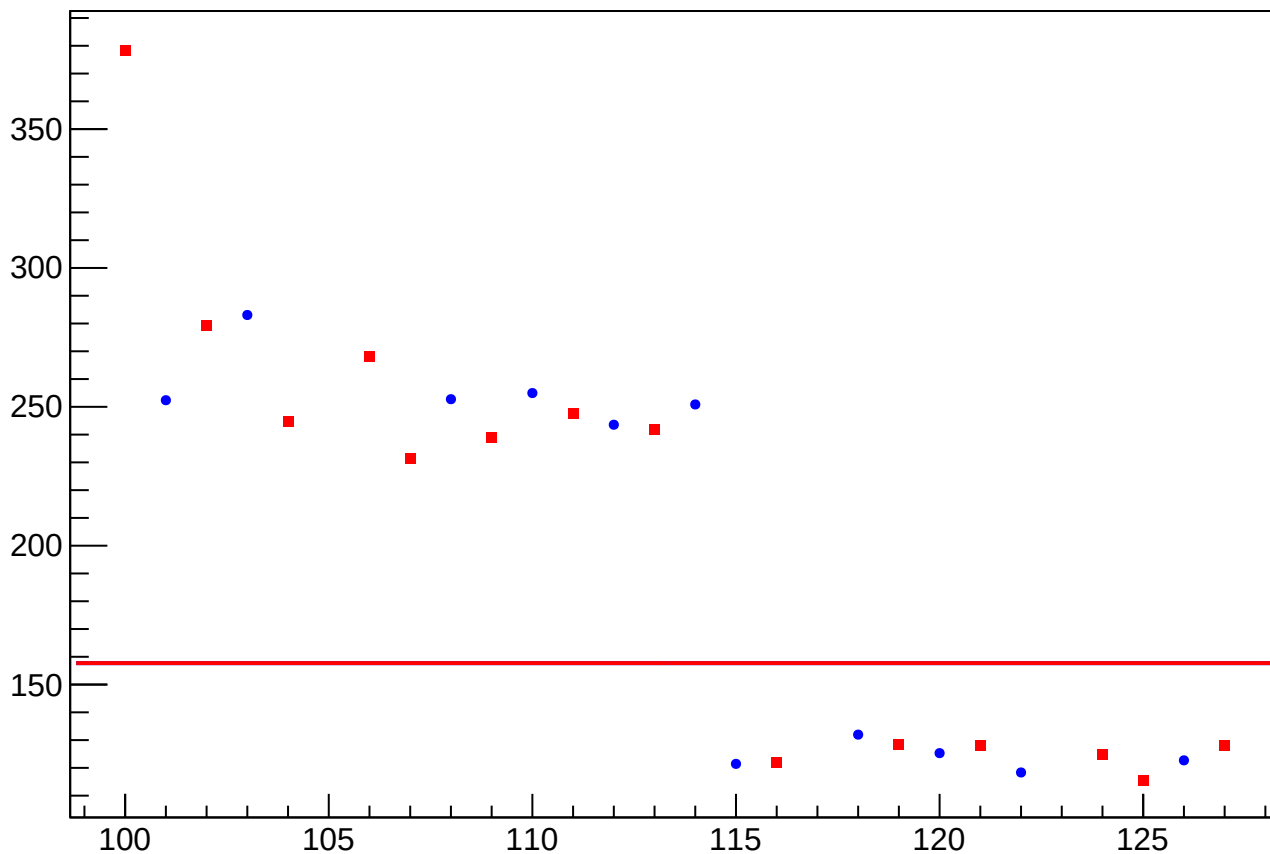
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 37.380 $\pm$ 53.470 χ^2 /NDF: 33.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_26_avg_rms vs Slug



Right In: 157.714+/-0.056 χ^2/NDF : 1058000.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.721+/-0.051 χ^2/NDF : 1225749.3/13

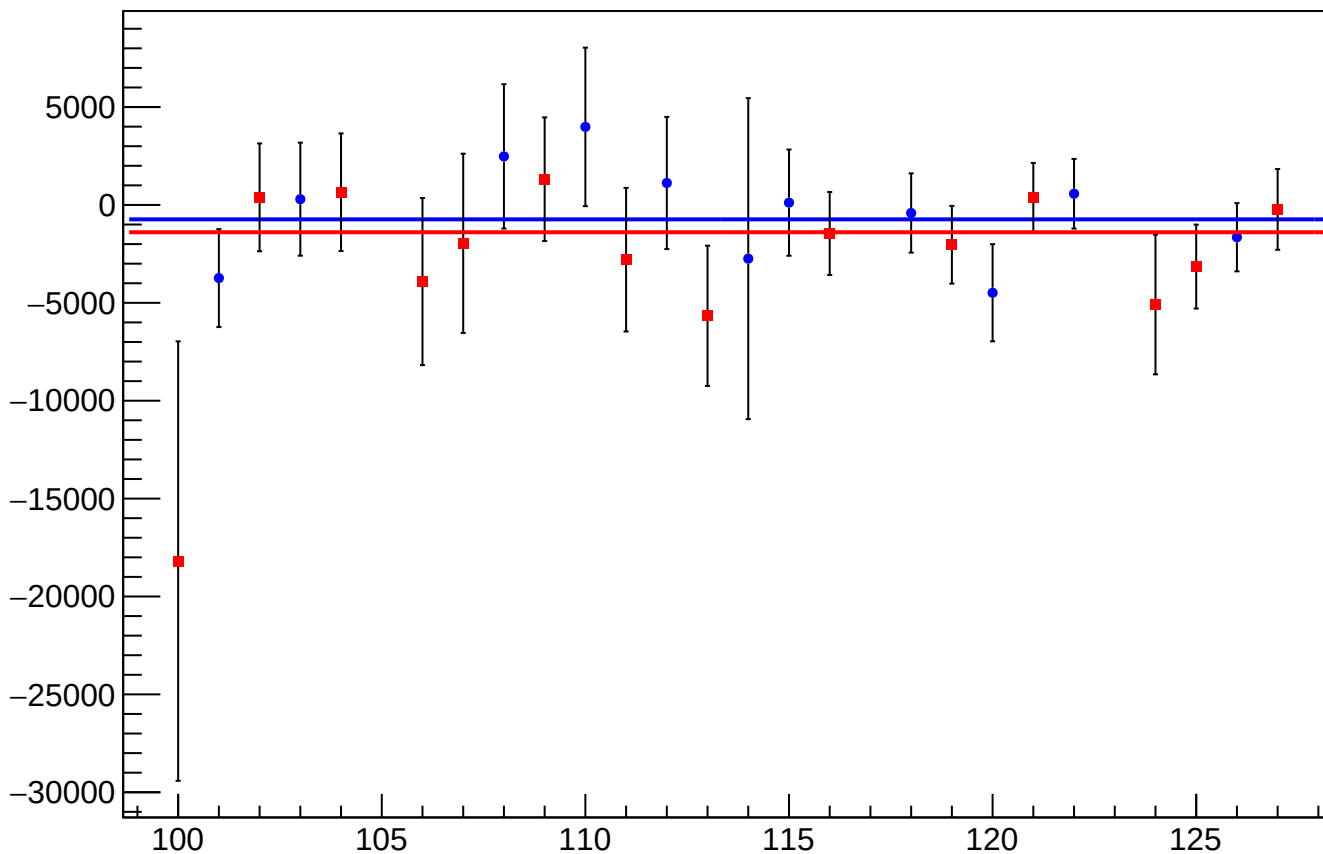
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.718+/-0.038 χ^2/NDF : 2283750.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_eigen_dit_correction_mean vs Slug



Right In: -736.089+/-765.835 χ^2/NDF : 7.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1395.293+/-718.573 χ^2/NDF : 9.0/13

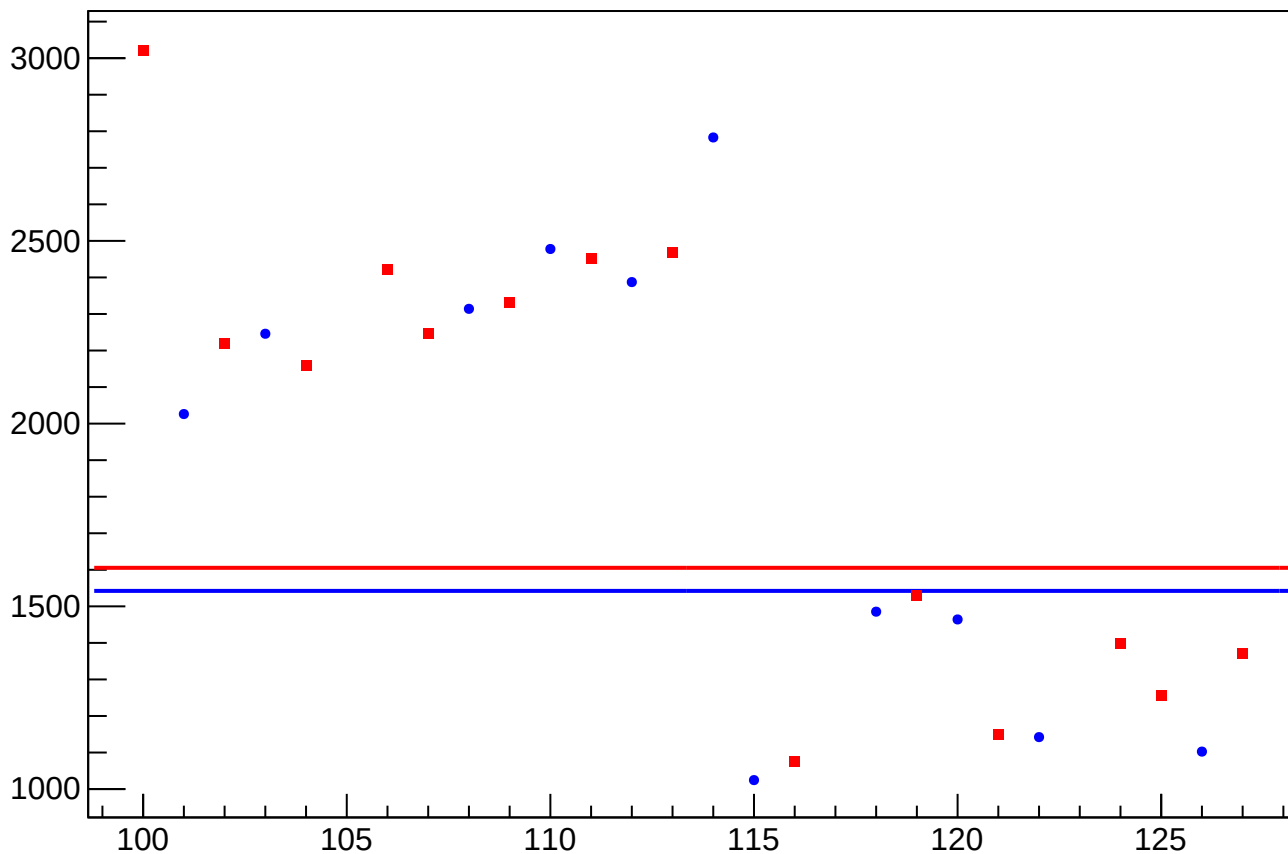
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1086.658+/-524.020 χ^2/NDF : 16.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_eigen_dit_correction_rms vs Slug



Right In: 1542.284+/-0.542 χ^2/NDF : 864224.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1605.430+/-0.508 χ^2/NDF : 987117.1/13

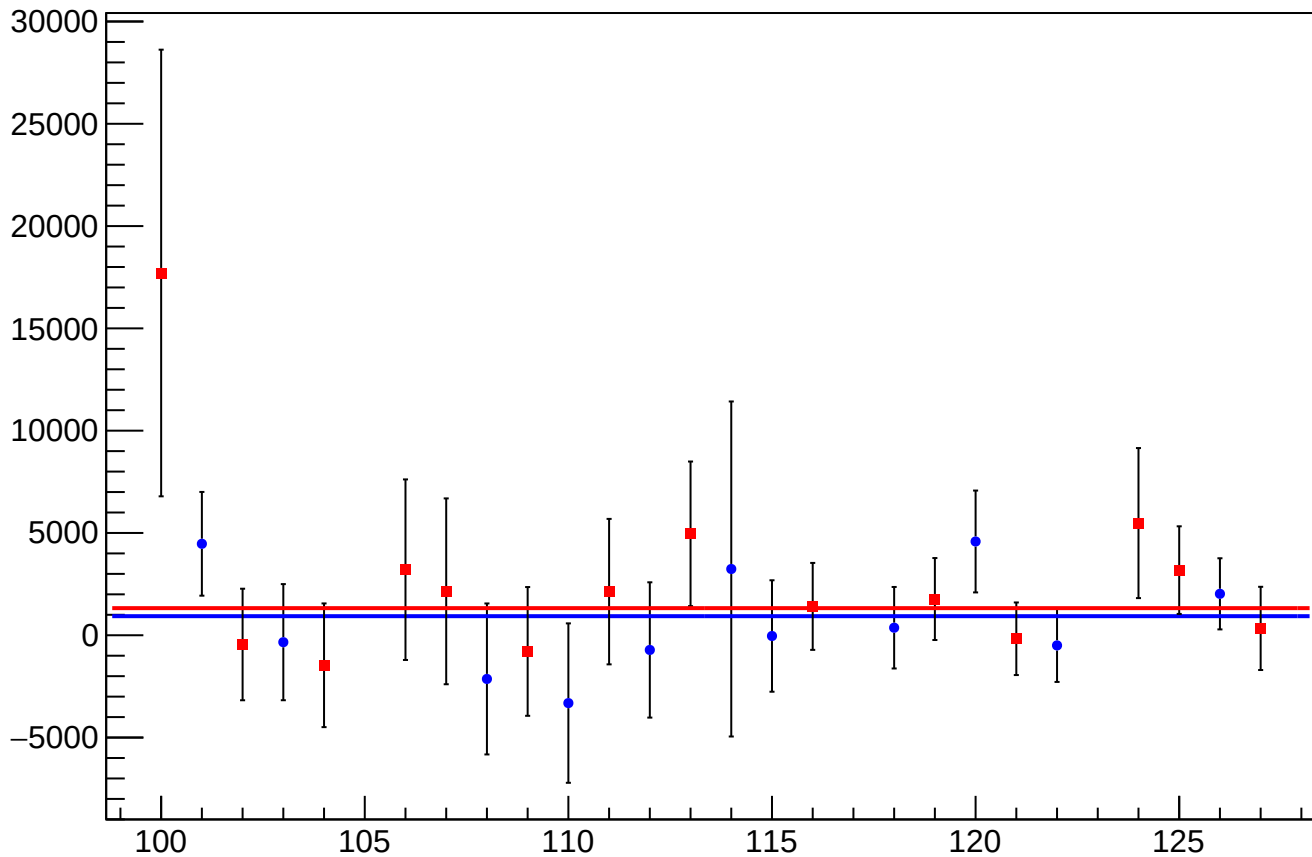
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1575.866+/-0.371 χ^2/NDF : 1858573.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_mean vs Slug



Right In: 932.394+/-762.887 χ^2/NDF : 7.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1325.048+/-718.887 χ^2/NDF : 8.3/13

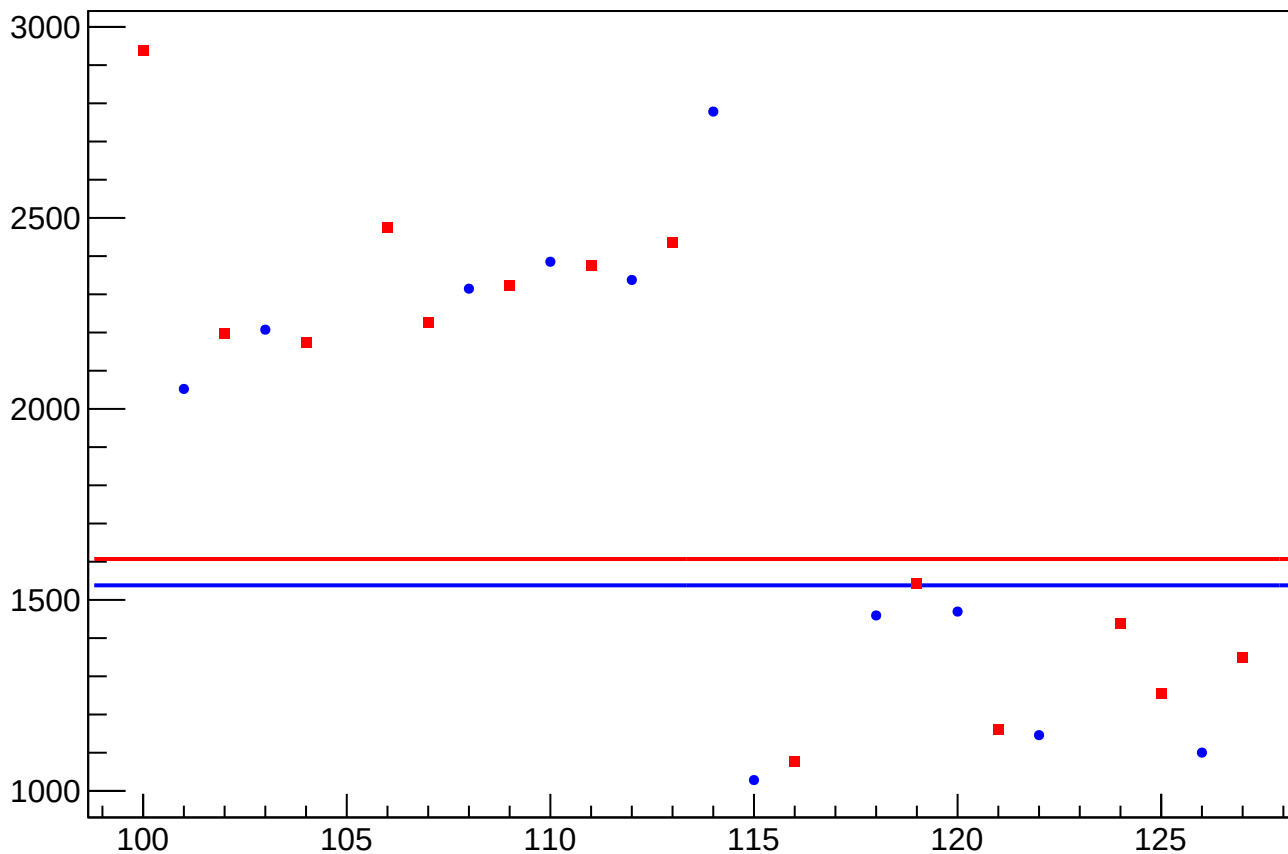
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1140.370+/-523.194 χ^2/NDF : 16.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_rms vs Slug



Right In: 1538.140+/-0.539 χ^2/NDF : 837549.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1607.079+/-0.508 χ^2/NDF : 957452.2/13

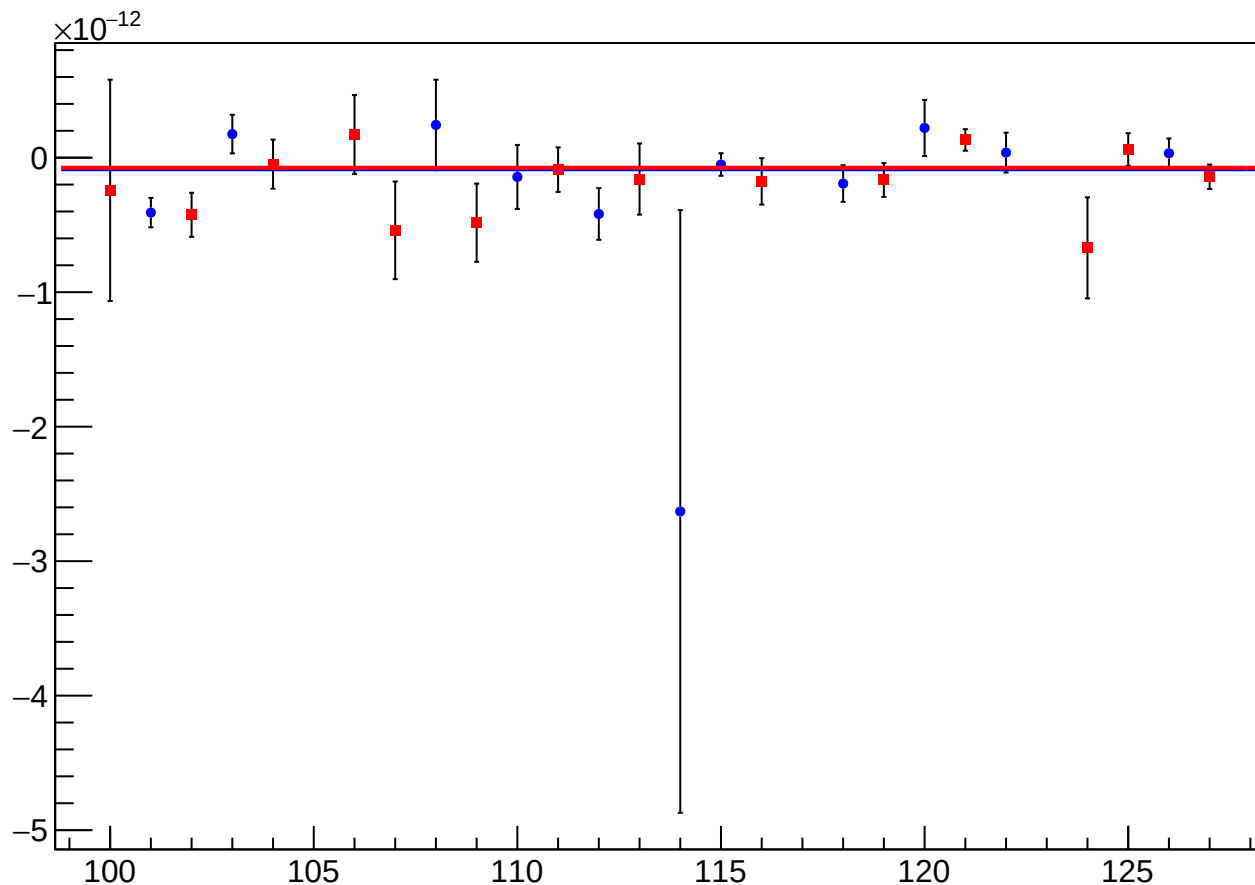
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1574.655+/-0.370 χ^2/NDF : 1803652.0/24

- 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: 22.1/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 20.9/13

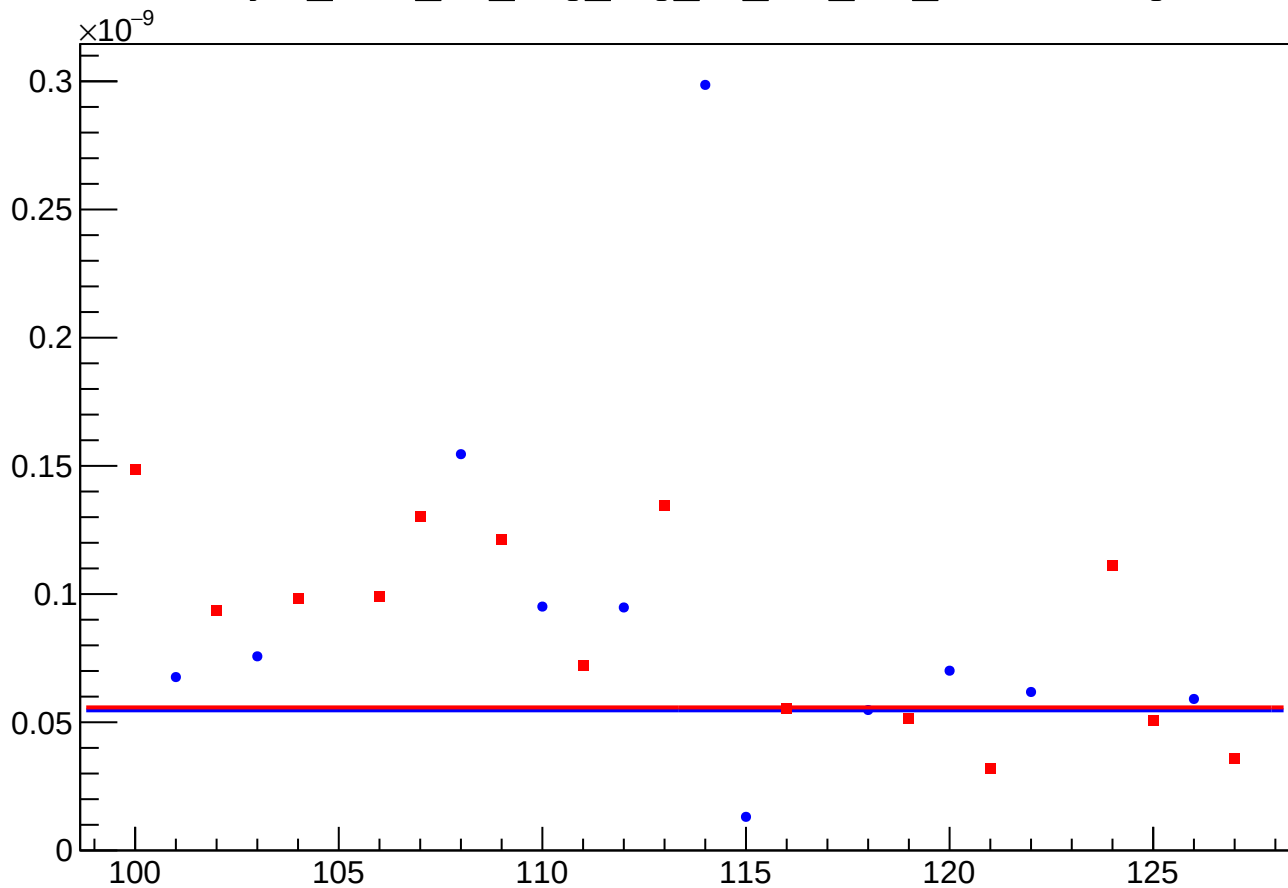
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 43.0/24

- 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 $\pm$ 0.000 χ^2 /NDF: 925415.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 989041.1/13

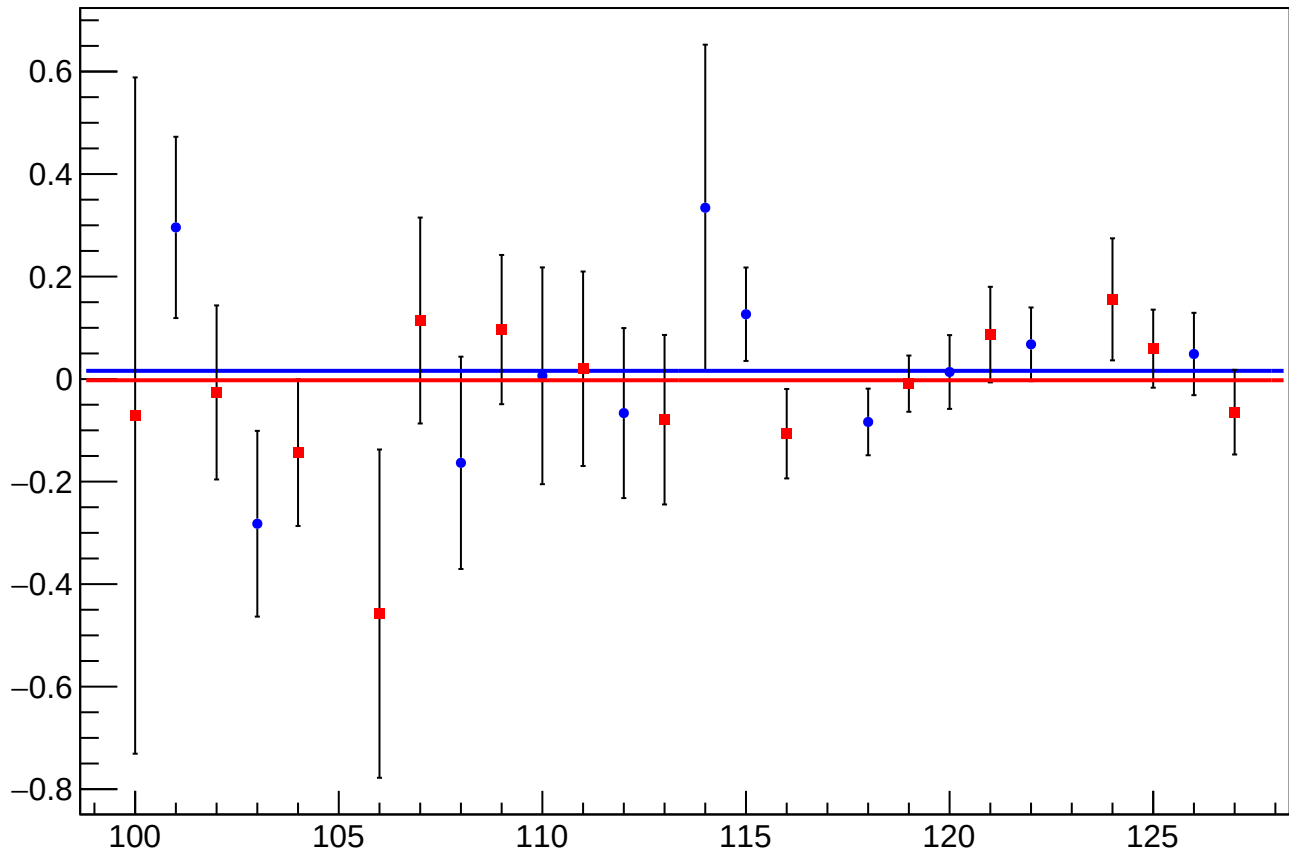
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1915188.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.016+/-0.031 χ^2/NDF : 11.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.002+/-0.029 χ^2/NDF : 9.4/13

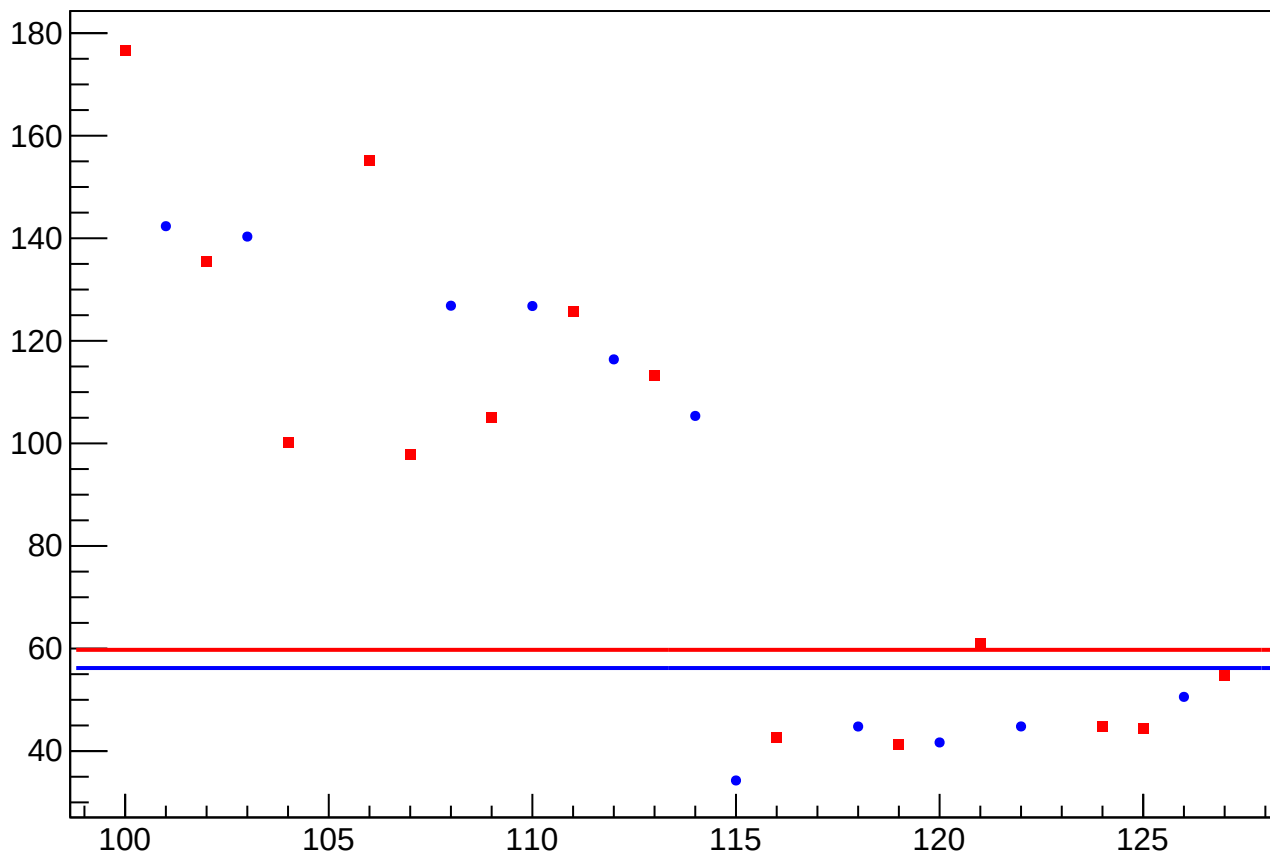
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.021 χ^2/NDF : 21.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_dit_vs_cor_diff_rms vs Slug



Right In: 56.197+/-0.022 χ^2/NDF : 1991624.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.745+/-0.020 χ^2/NDF : 1938730.4/13

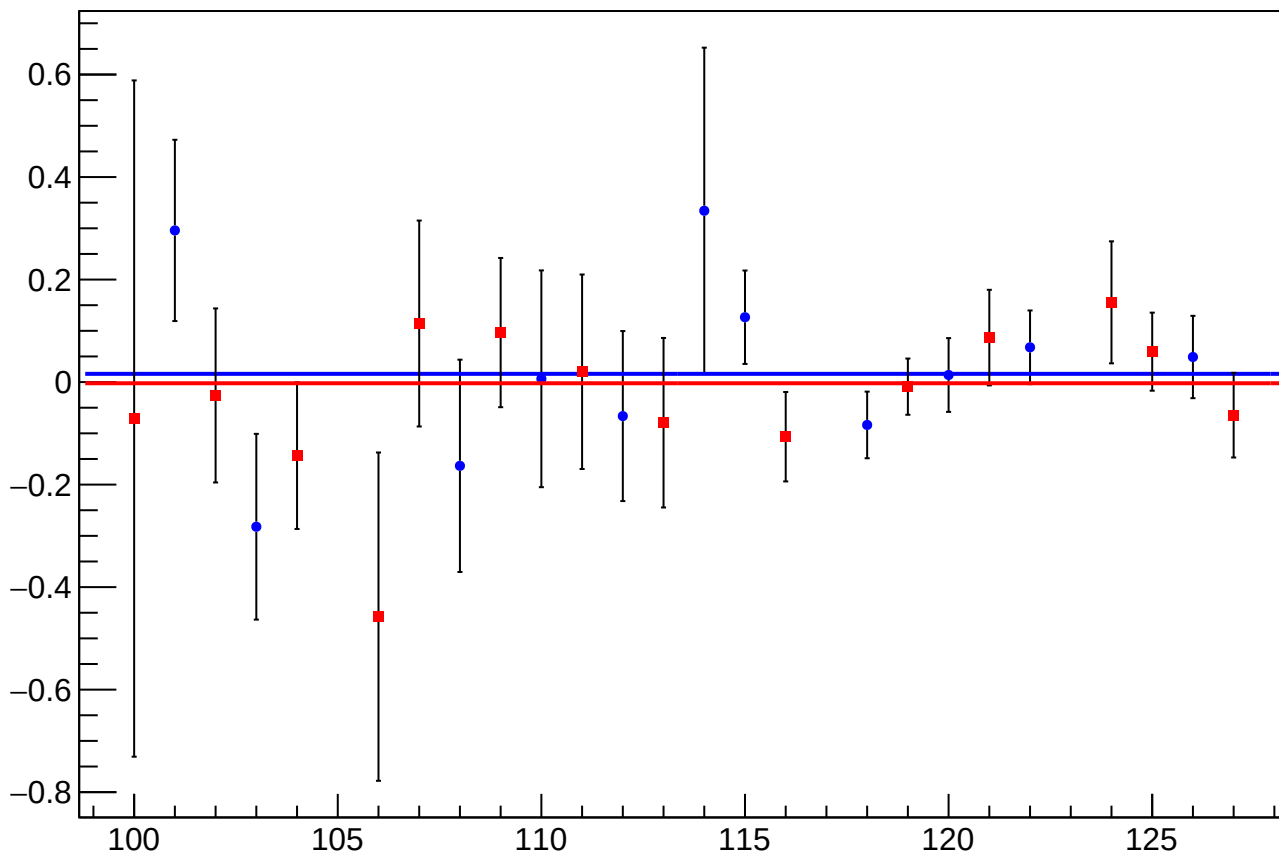
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.087+/-0.015 χ^2/NDF : 3944485.2/24

- 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: 0.016+/-0.031 χ^2/NDF : 11.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.002+/-0.029 χ^2/NDF : 9.4/13

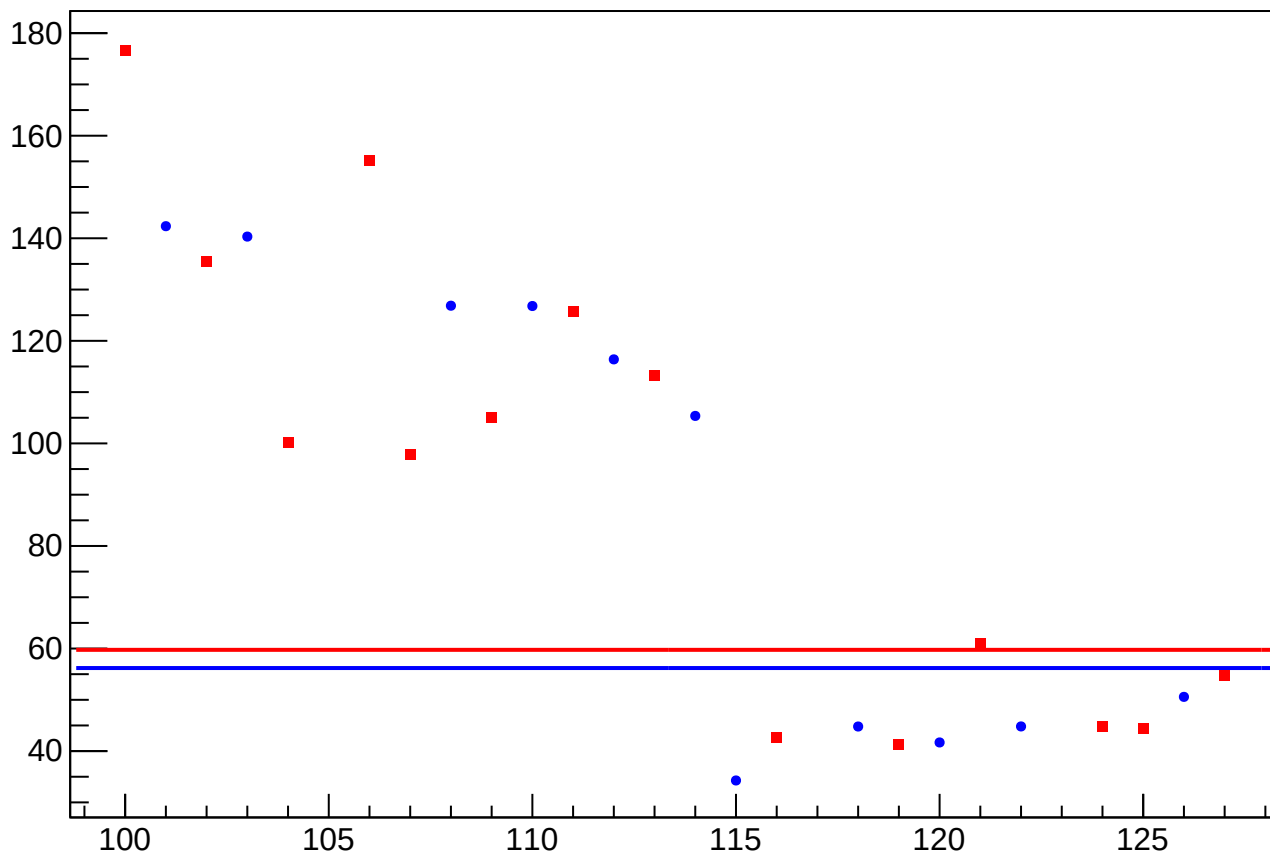
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.021 χ^2/NDF : 21.3/24

- 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: 56.197+/-0.022 χ^2/NDF : 1991624.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.745+/-0.020 χ^2/NDF : 1938730.4/13

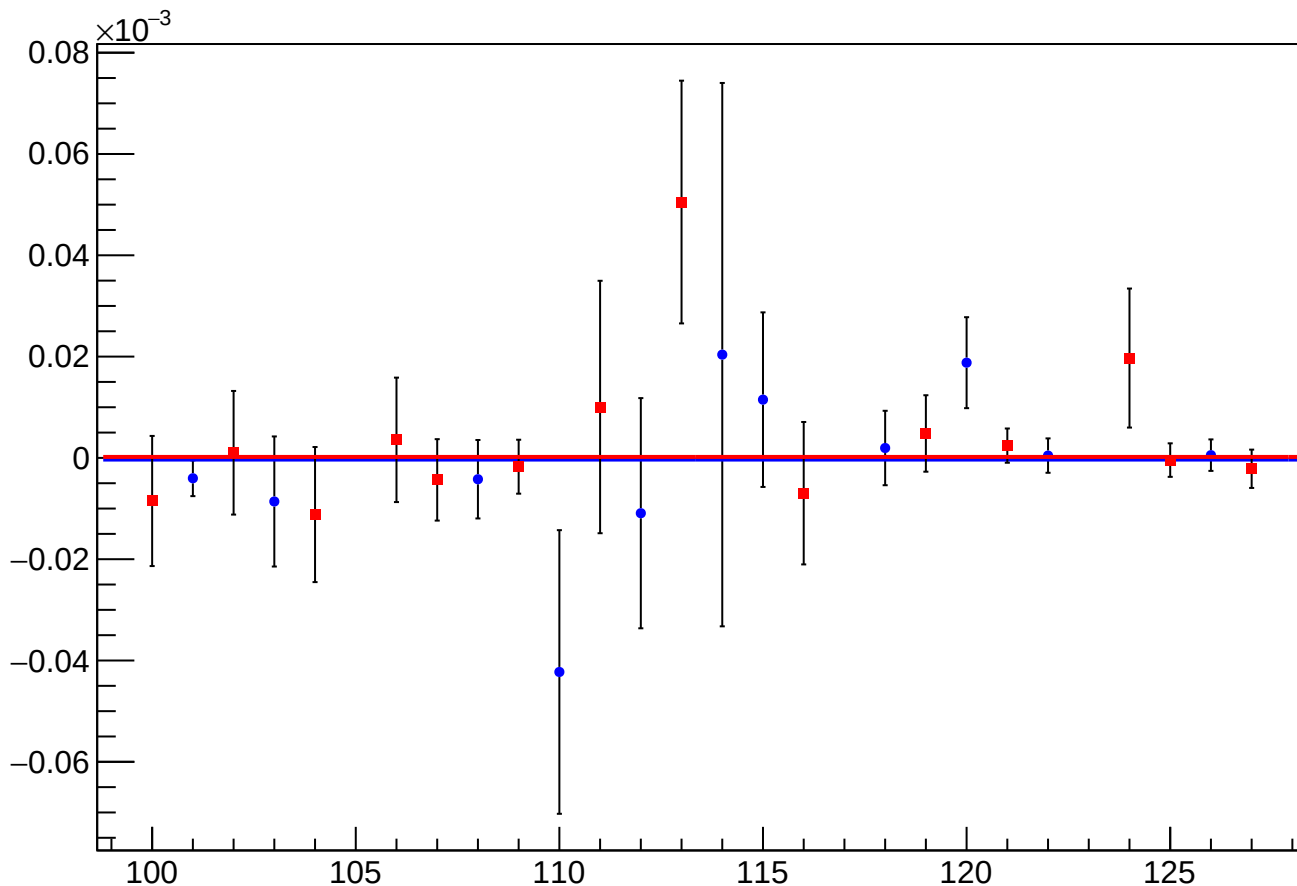
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.087+/-0.015 χ^2/NDF : 3944485.2/24

- 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: 9.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.8/13

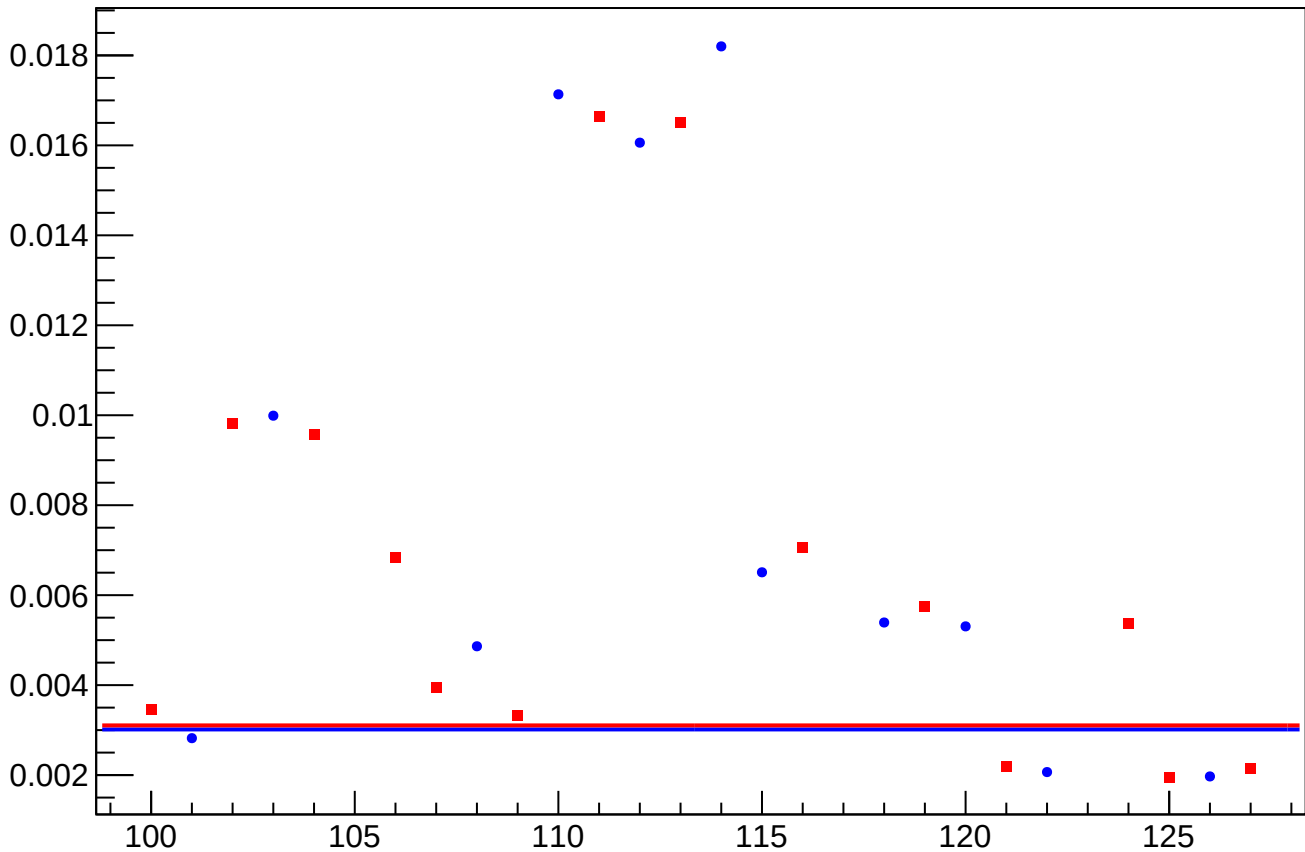
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 19.4/24

- 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: 0.003+/-0.000 χ^2/NDF : 2841700.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 3482013.1/13

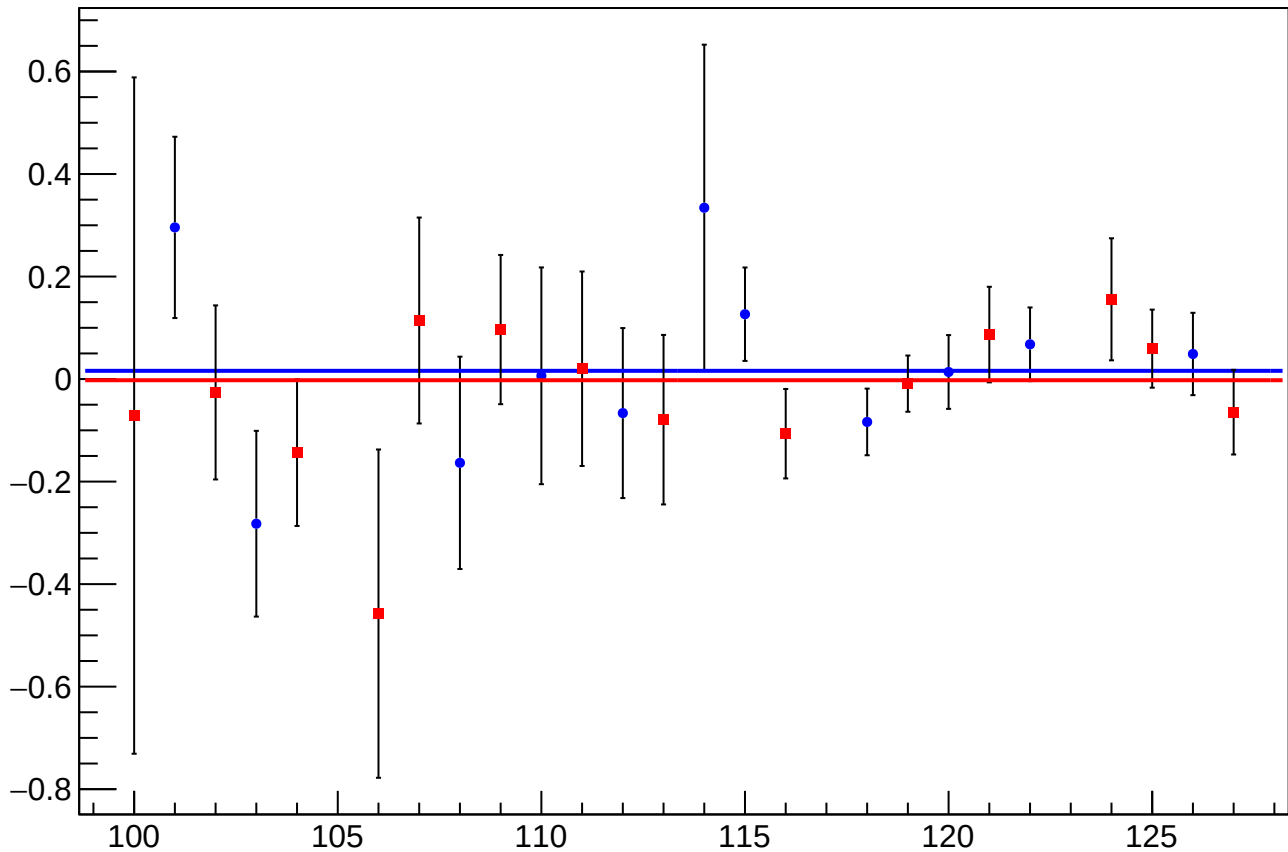
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 6326473.5/24

- 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: 0.016 $\pm$ 0.031 χ^2 /NDF: 11.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.002 $\pm$ 0.029 χ^2 /NDF: 9.4/13

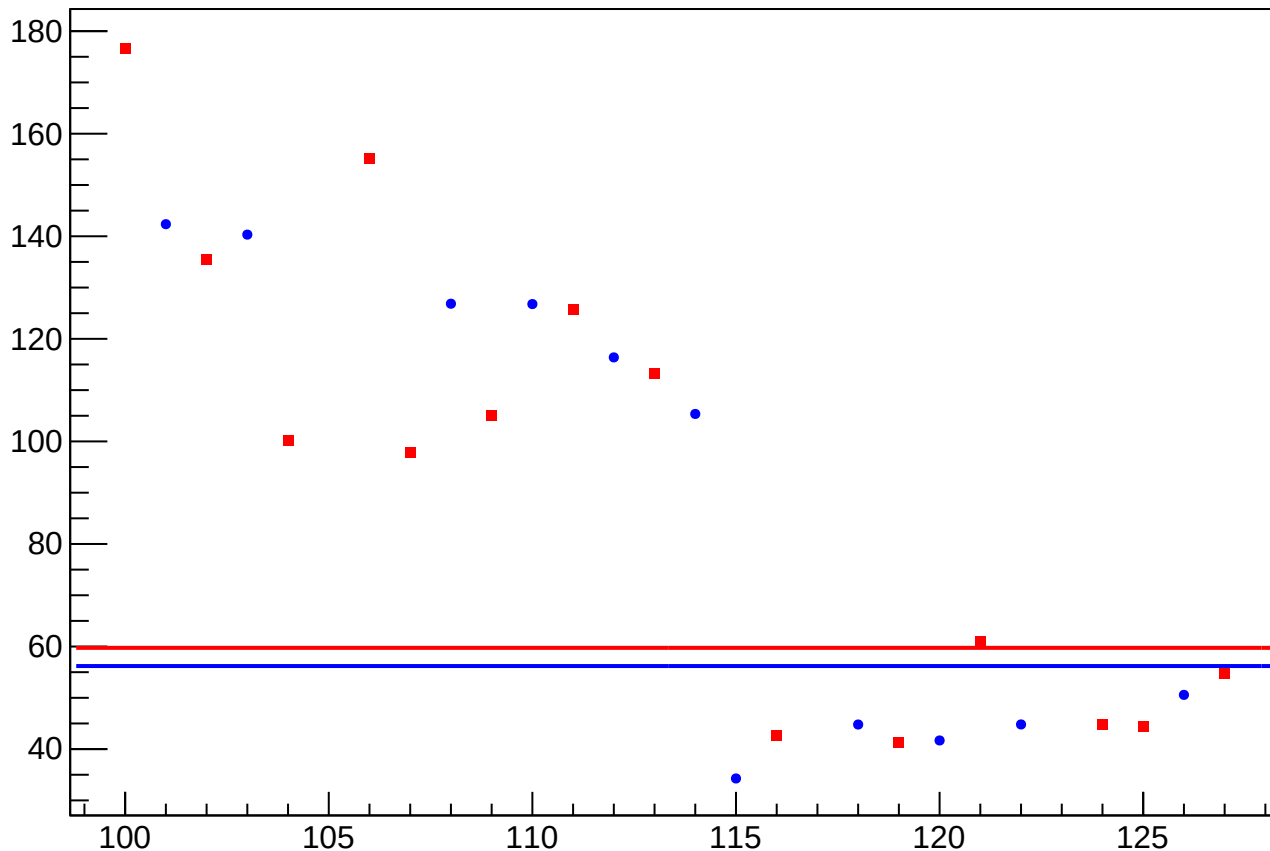
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.006 $\pm$ 0.021 χ^2 /NDF: 21.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 56.197+/-0.022 χ^2/NDF : 1991524.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.745+/-0.020 χ^2/NDF : 1938631.7/13

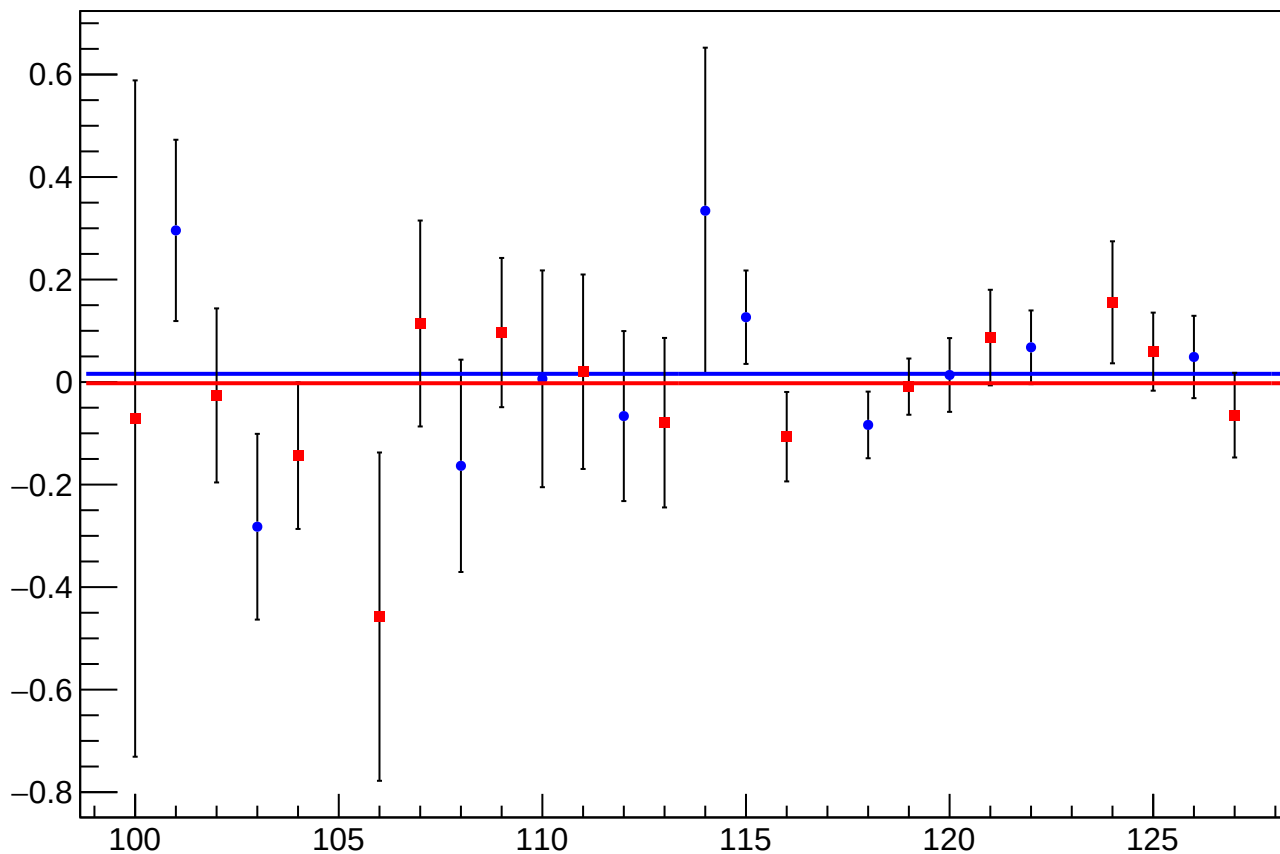
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.087+/-0.015 χ^2/NDF : 3944282.0/24

- 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: 0.016+/-0.031 χ^2/NDF : 11.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.002+/-0.029 χ^2/NDF : 9.4/13

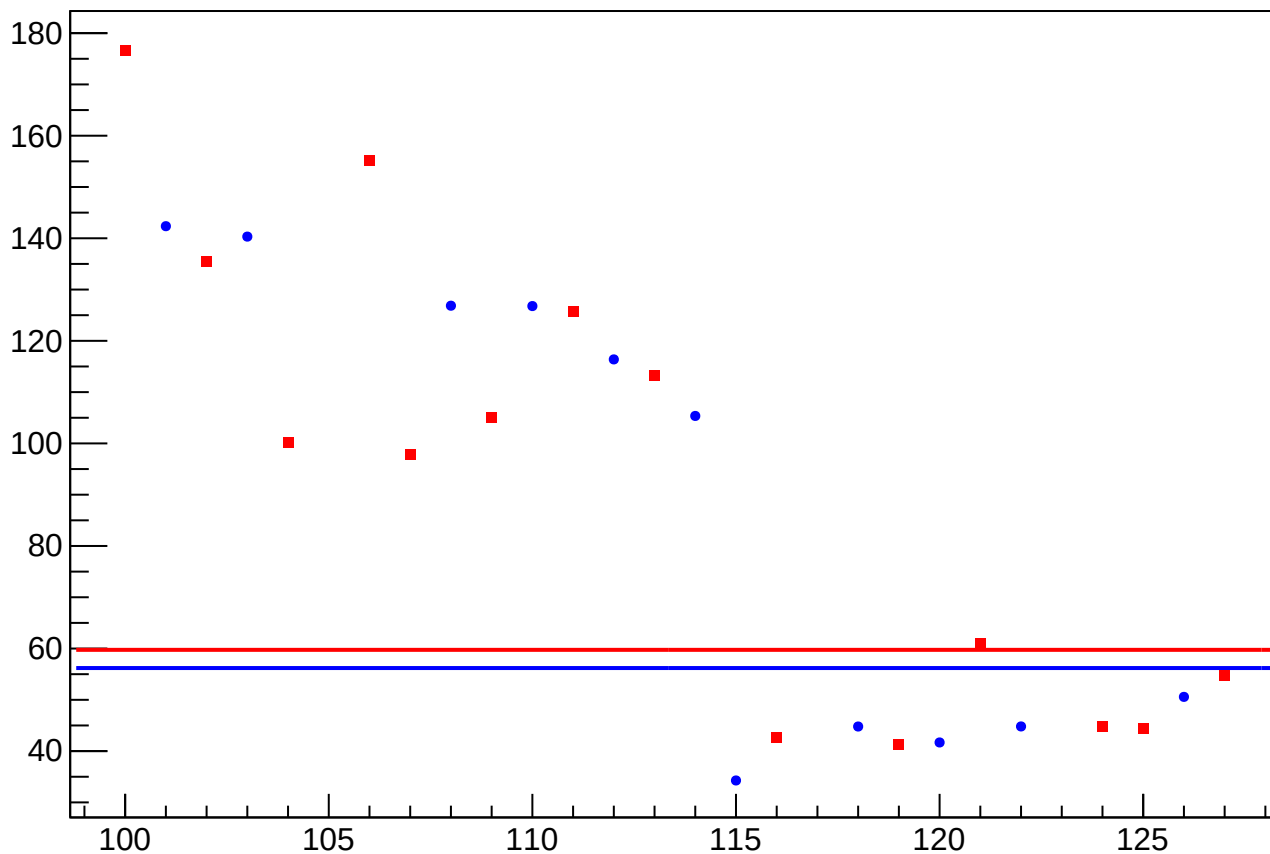
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.021 χ^2/NDF : 21.3/24

- 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: 56.197+/-0.022 χ^2/NDF : 1991524.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.745+/-0.020 χ^2/NDF : 1938631.7/13

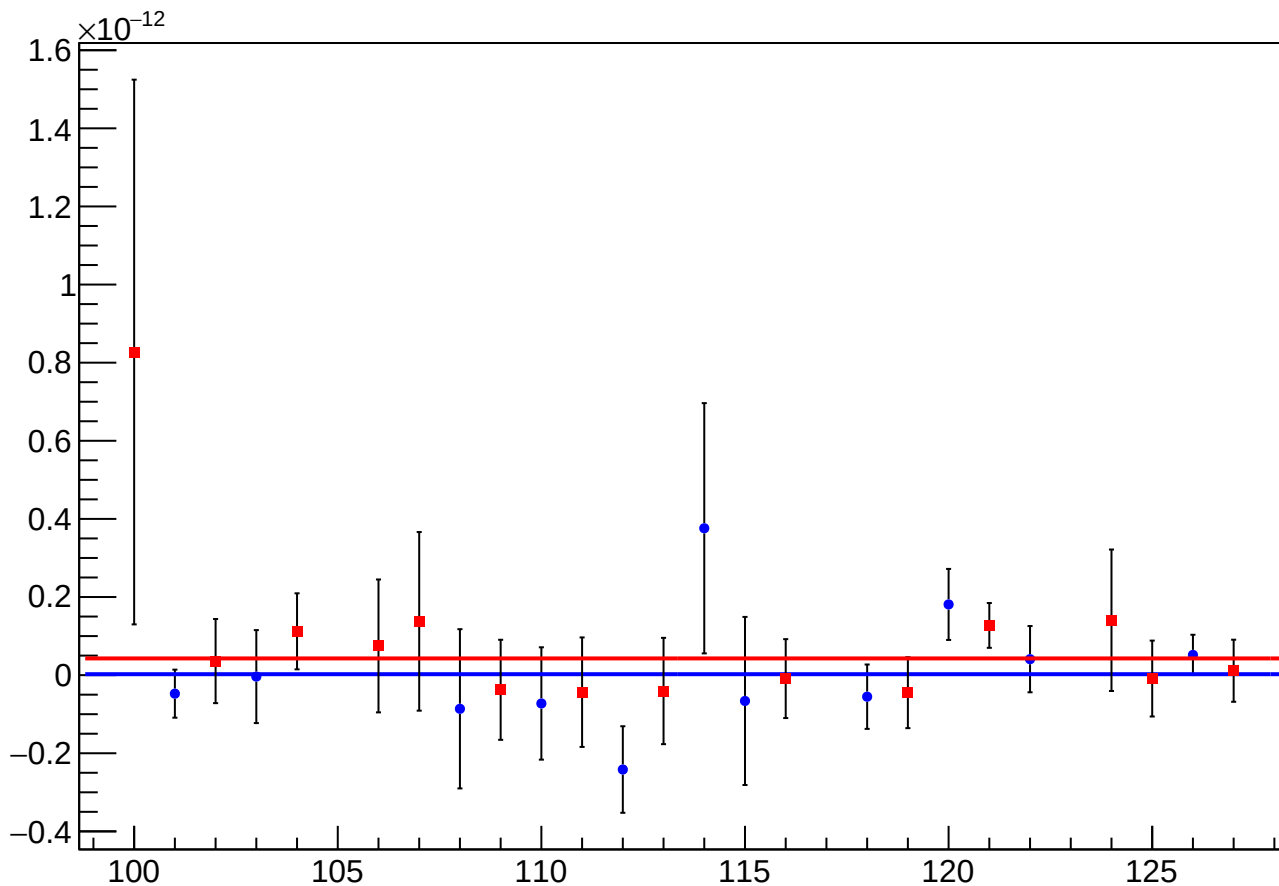
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.087+/-0.015 χ^2/NDF : 3944282.0/24

- 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+/-0.000 χ^2/NDF : 12.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.2/13

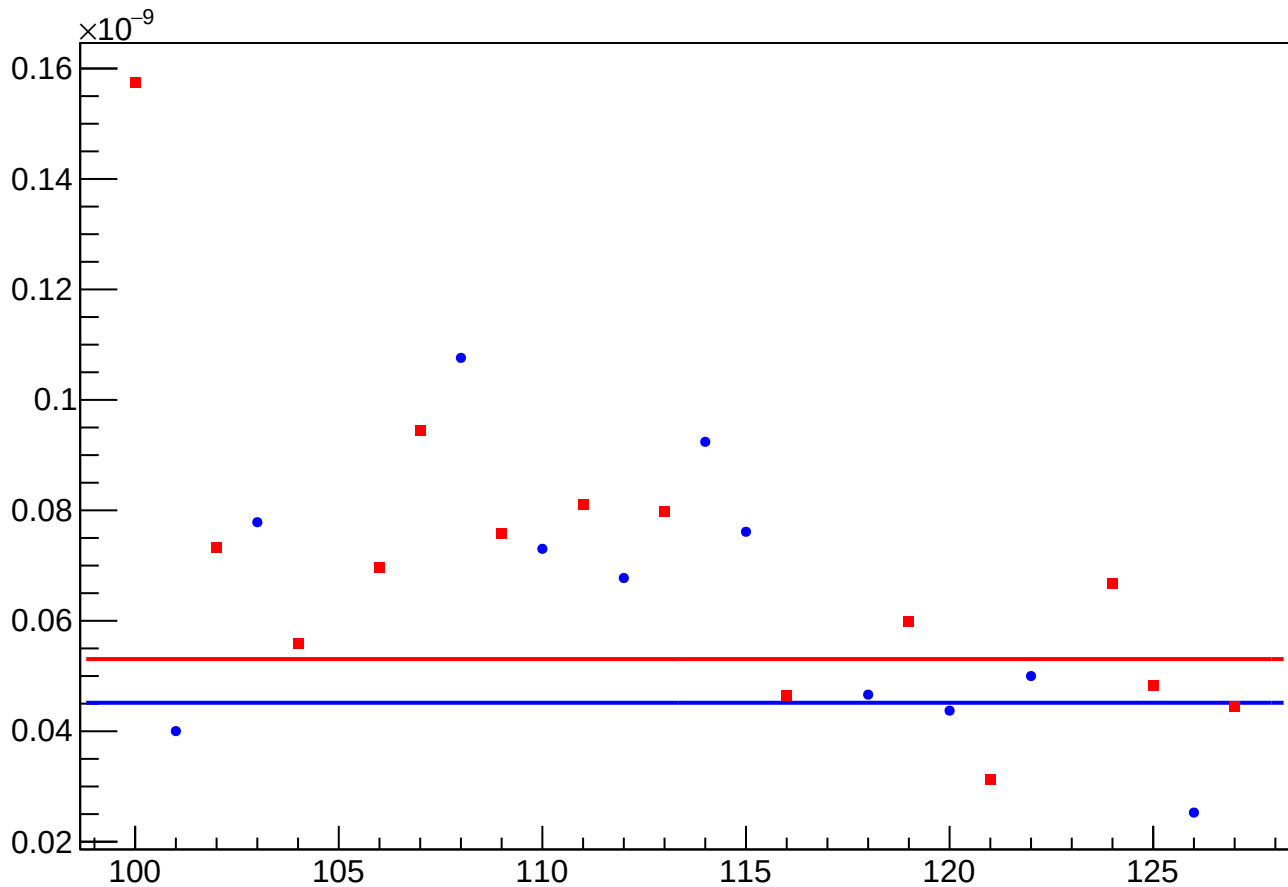
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.2/24

- sign 0.000+/-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 : 900825.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 768917.4/13

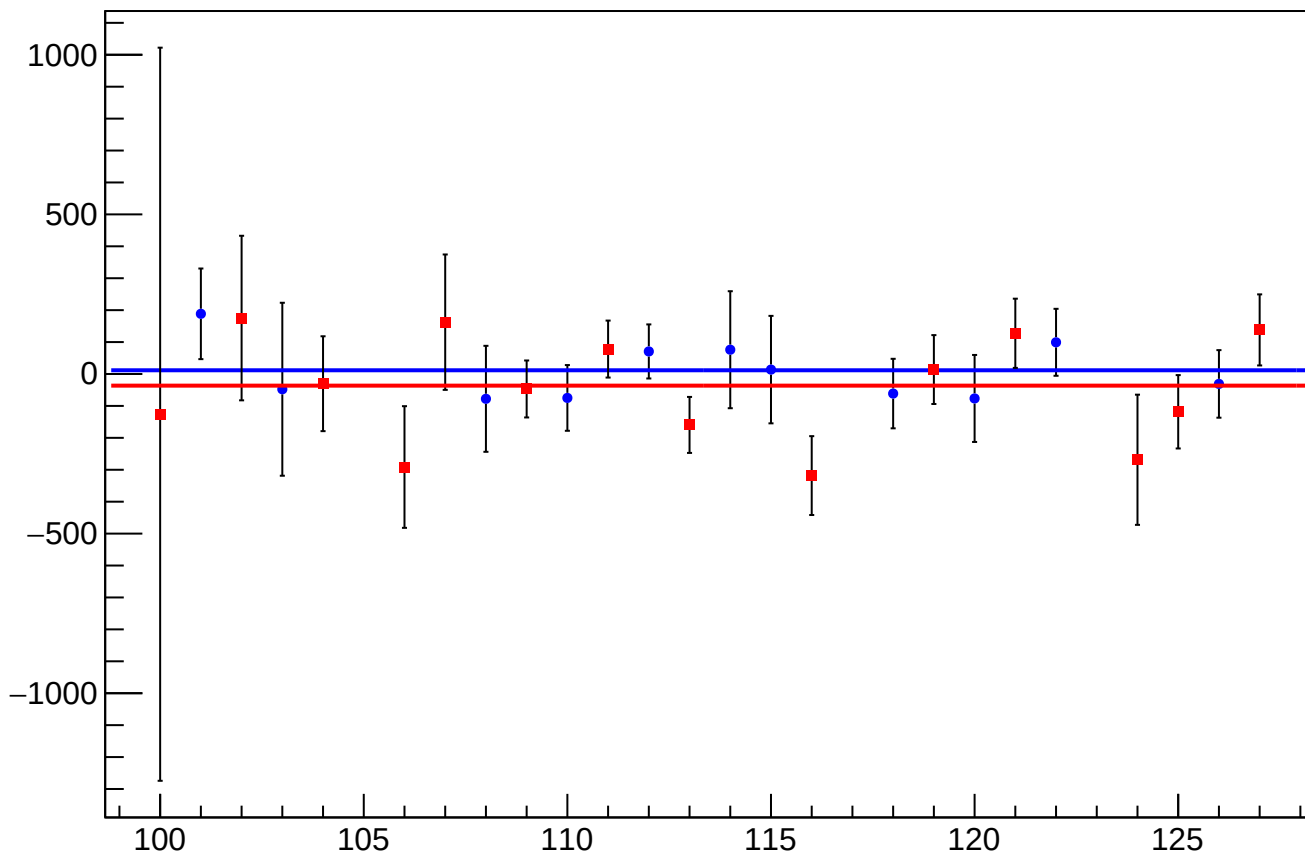
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1748962.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_mean vs Slug



Right In: 11.667+/-37.350 χ^2/NDF : 4.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.474+/-33.168 χ^2/NDF : 19.0/13

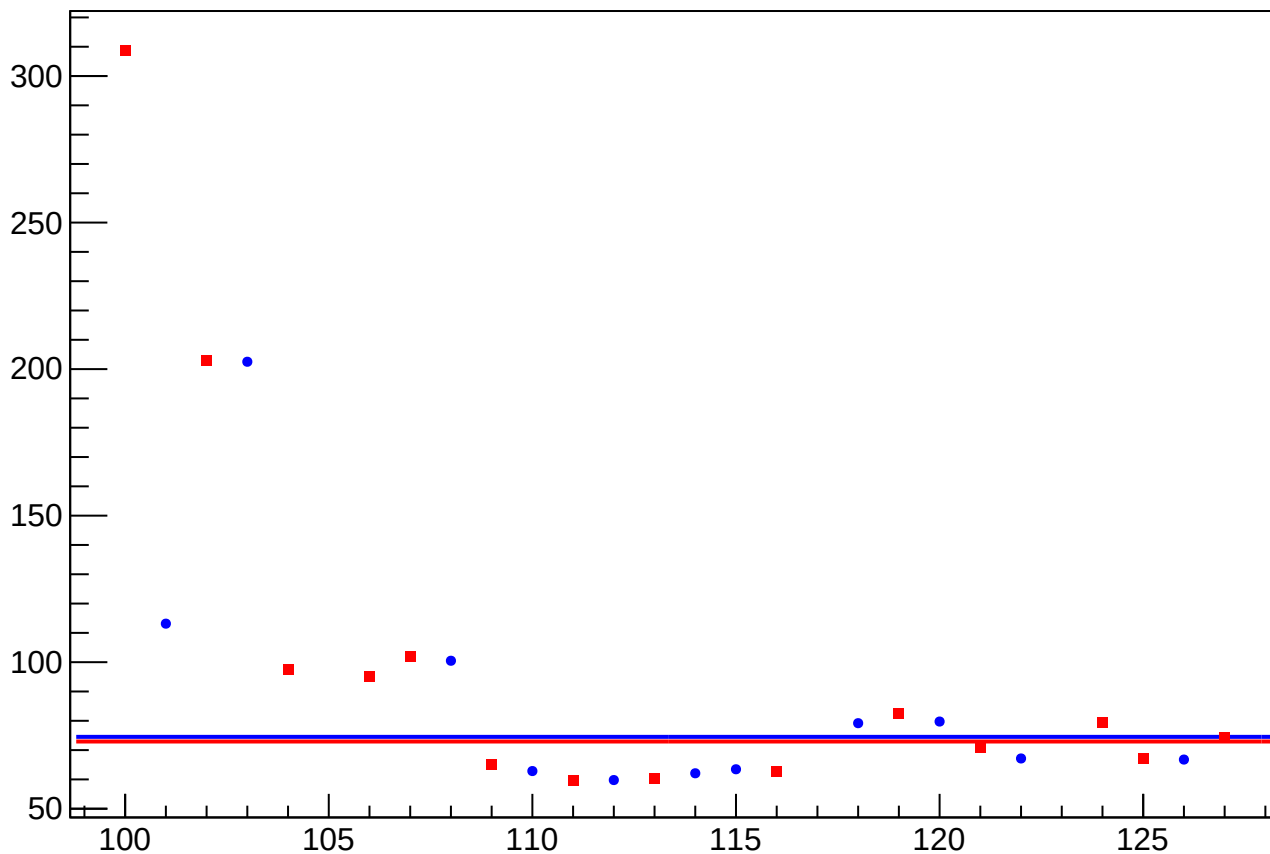
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.248+/-24.801 χ^2/NDF : 24.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_rms vs Slug



Right In: 74.520+/-0.026 χ^2/NDF : 774737.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.936+/-0.023 χ^2/NDF : 849131.8/13

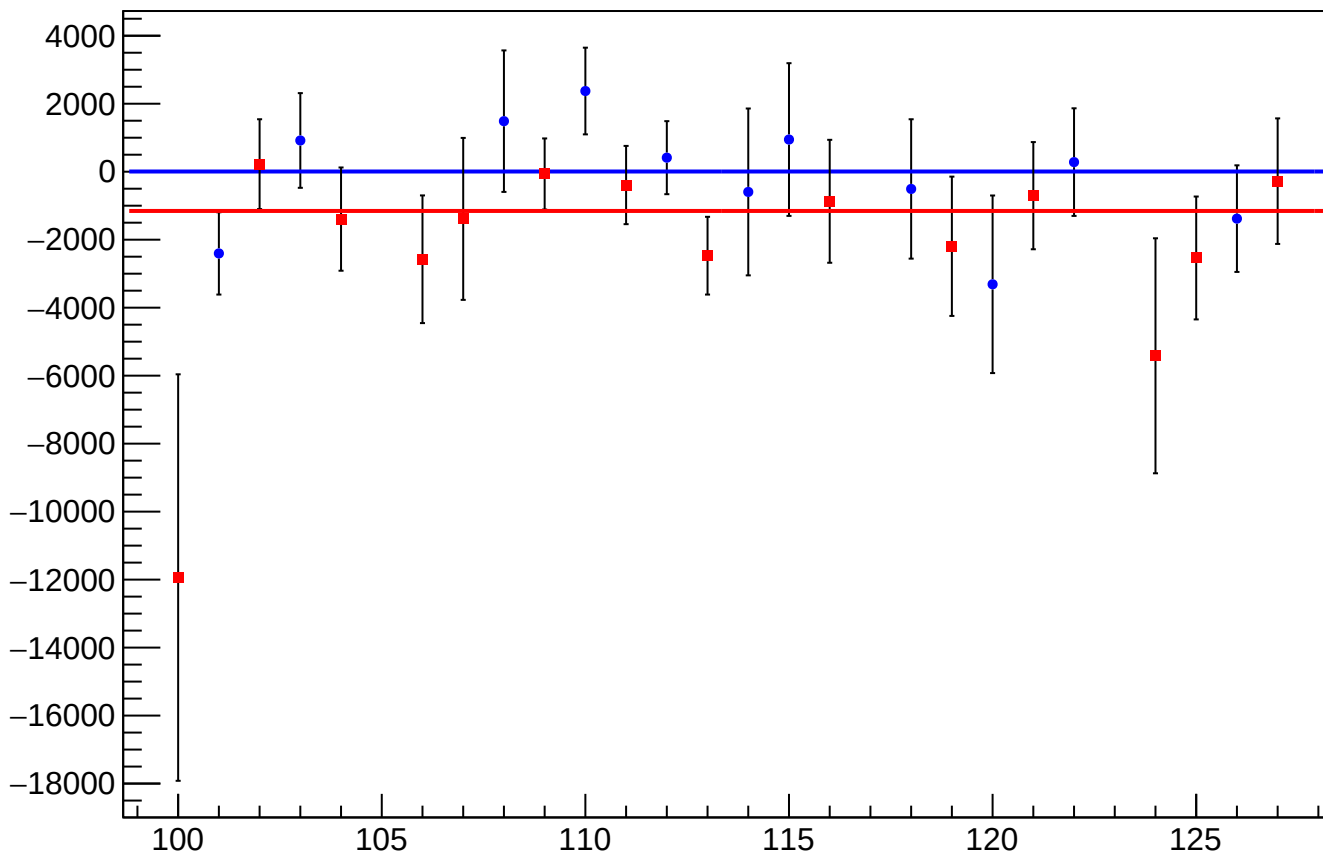
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.634+/-0.018 χ^2/NDF : 1625882.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_reg_correction_mean vs Slug



Right In: 5.973+/-473.270 χ^2/NDF : 11.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1154.721+/-424.212 χ^2/NDF : 10.5/13

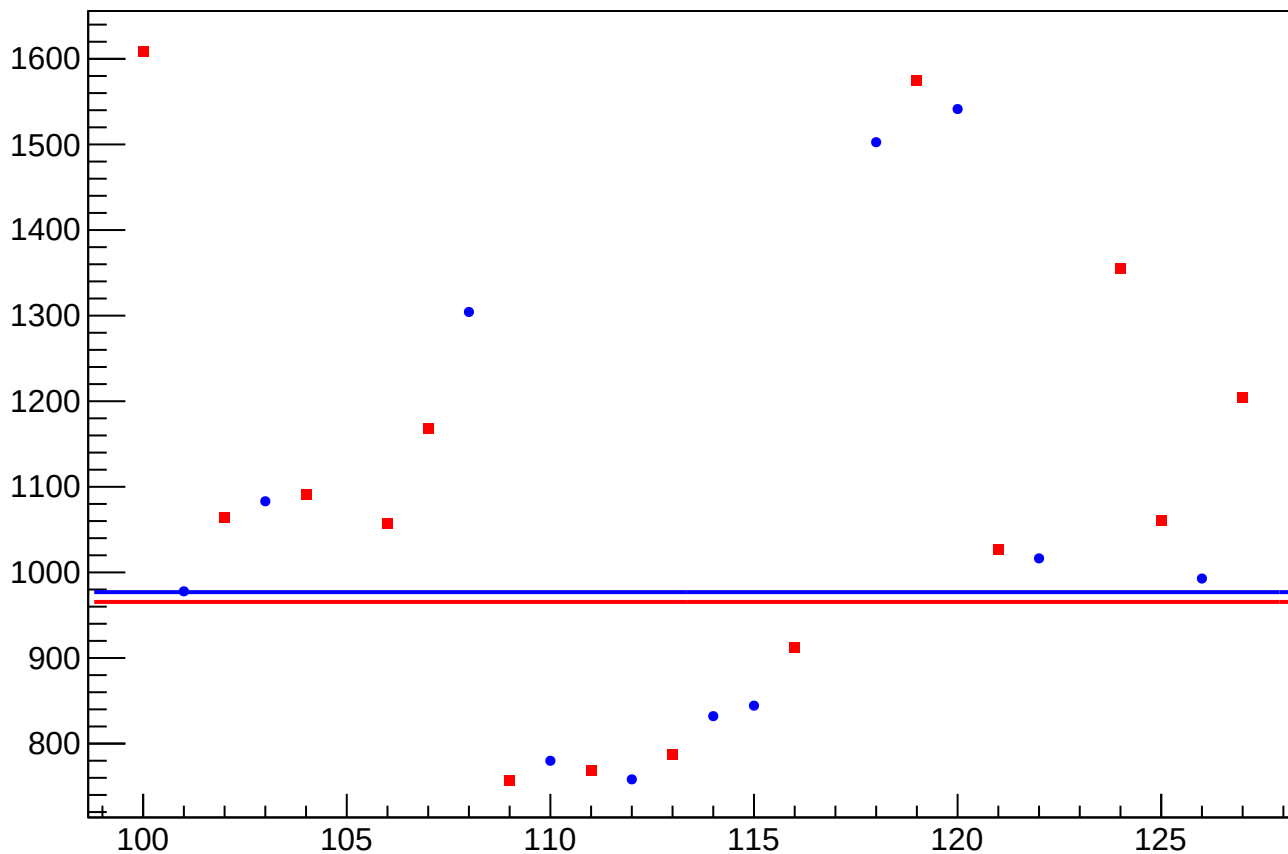
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -637.631+/-315.888 χ^2/NDF : 25.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_reg_correction_rms vs Slug



Right In: 976.937+/-0.335 χ^2/NDF : 431957.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 965.518+/-0.300 χ^2/NDF : 499715.5/13

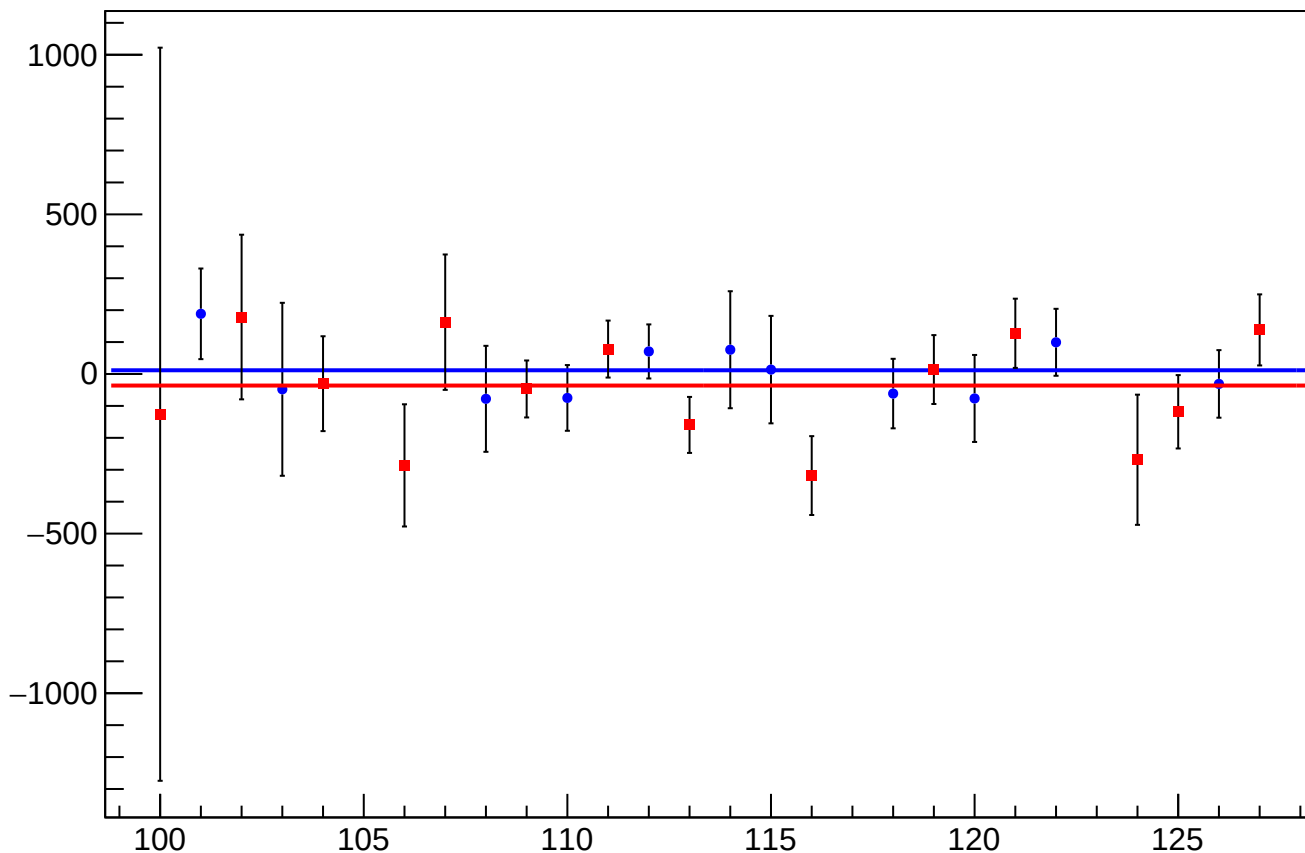
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 970.605+/-0.223 χ^2/NDF : 932318.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_37_avg_mean vs Slug



Right In: 11.657+/-37.350 χ^2/NDF : 4.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.199+/-33.173 χ^2/NDF : 18.9/13

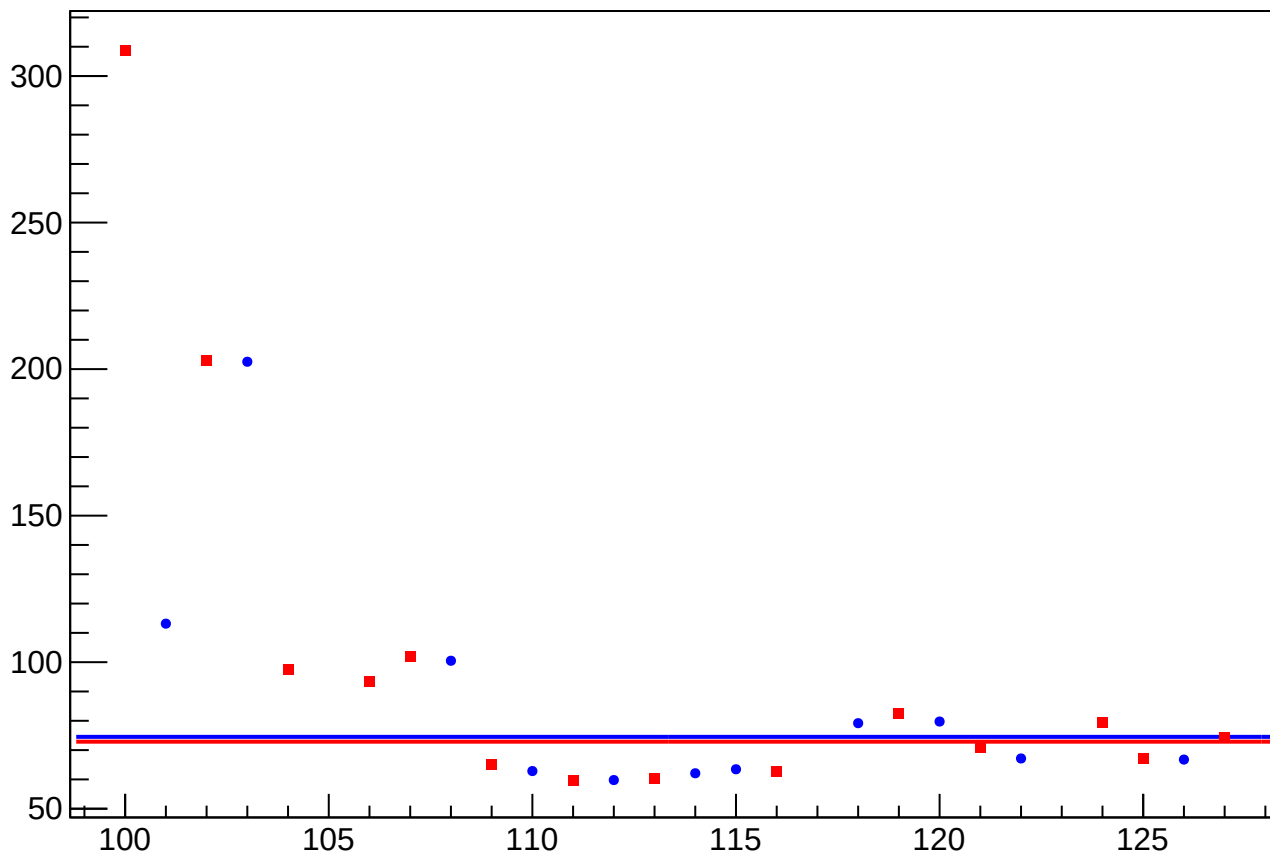
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.096+/-24.803 χ^2/NDF : 24.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_37_avg_rms vs Slug



Right In: 74.520+/-0.026 χ^2 /NDF: 774739.7/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 72.878+/-0.023 χ^2 /NDF: 845162.8/13

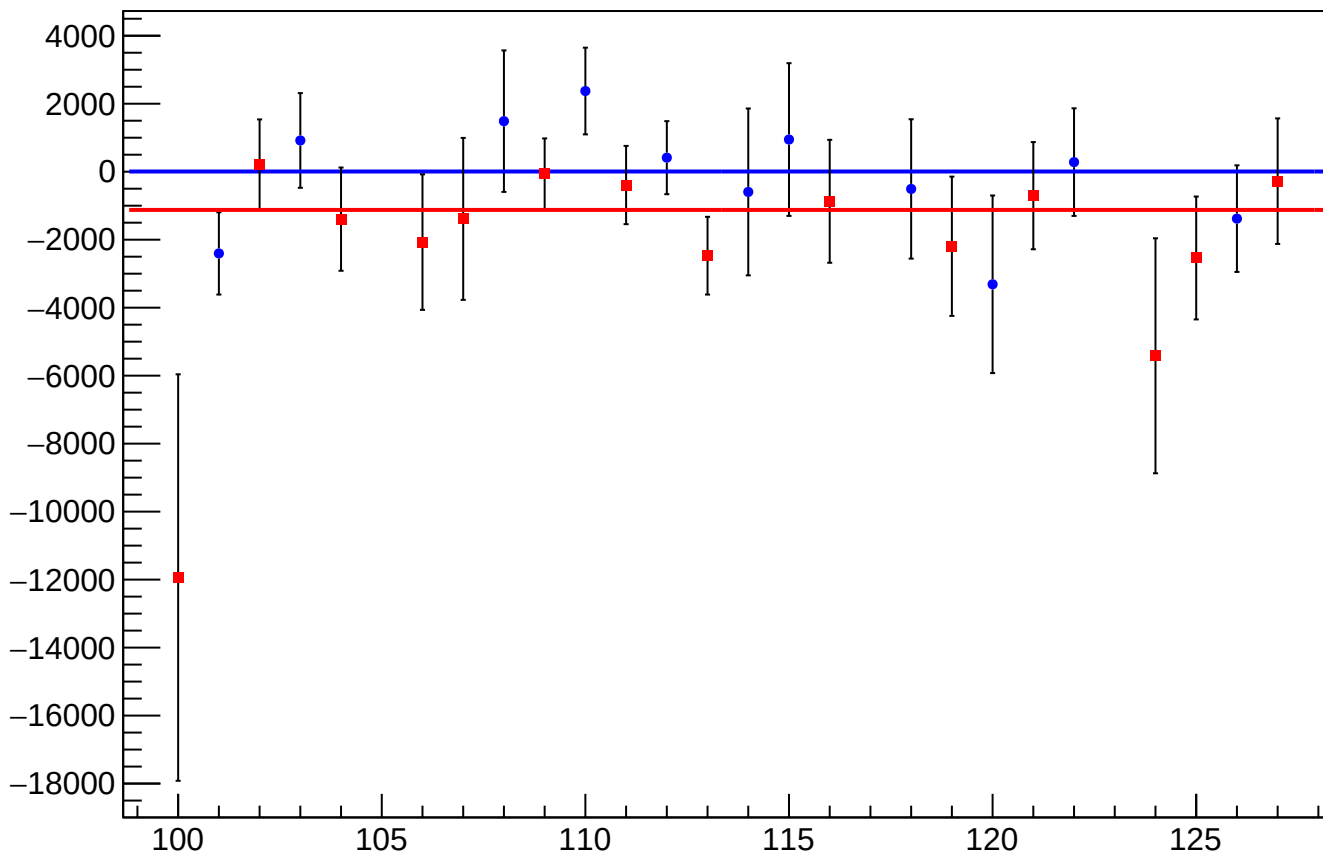
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 73.602+/-0.018 χ^2 /NDF: 1622062.6/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_cor_correction_mean vs Slug



Right In: 5.999+/-473.276 χ^2/NDF : 11.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1124.404+/-425.476 χ^2/NDF : 10.1/13

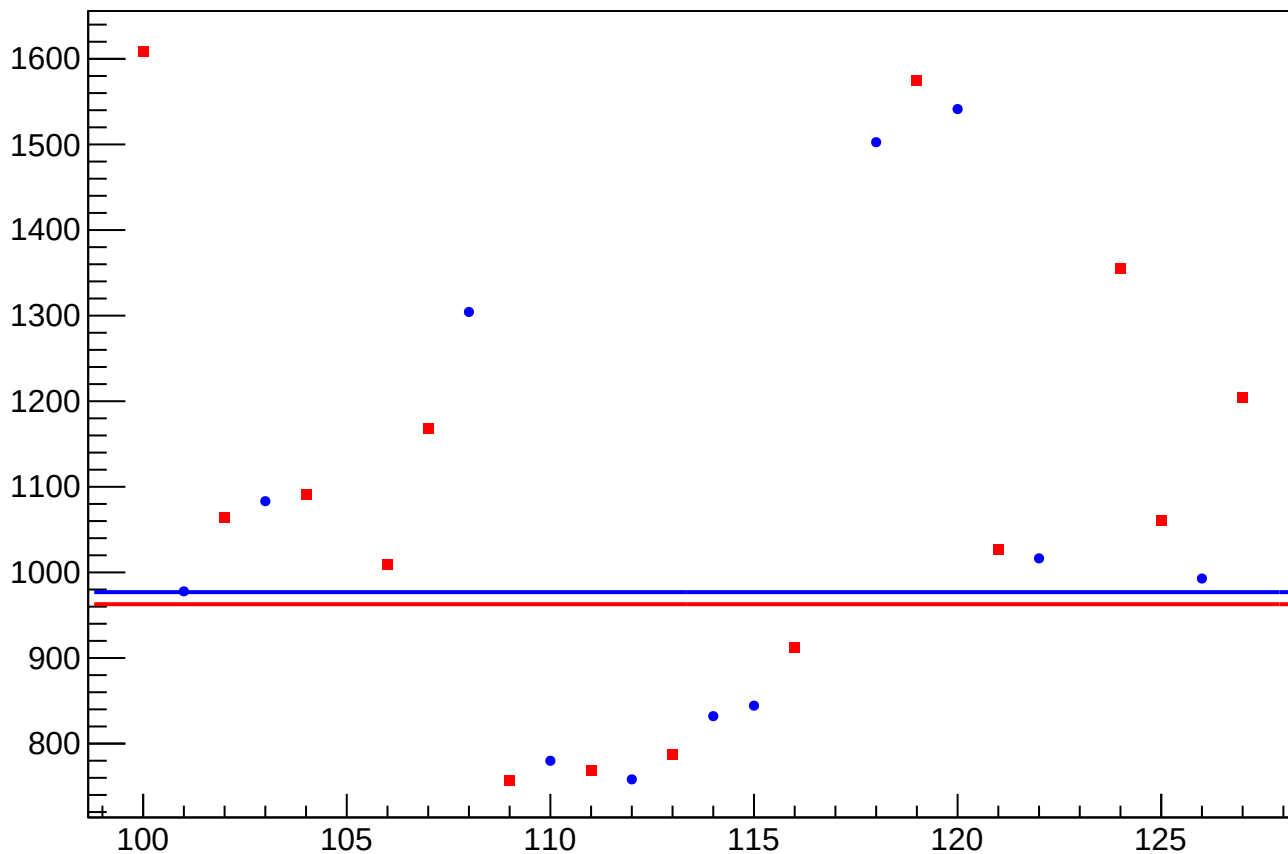
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -619.153+/-316.411 χ^2/NDF : 24.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_cor_correction_rms vs Slug



Right In: 976.947 $\pm$ 0.335 χ^2 /NDF: 431980.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 962.857 $\pm$ 0.301 χ^2 /NDF: 495972.4/13

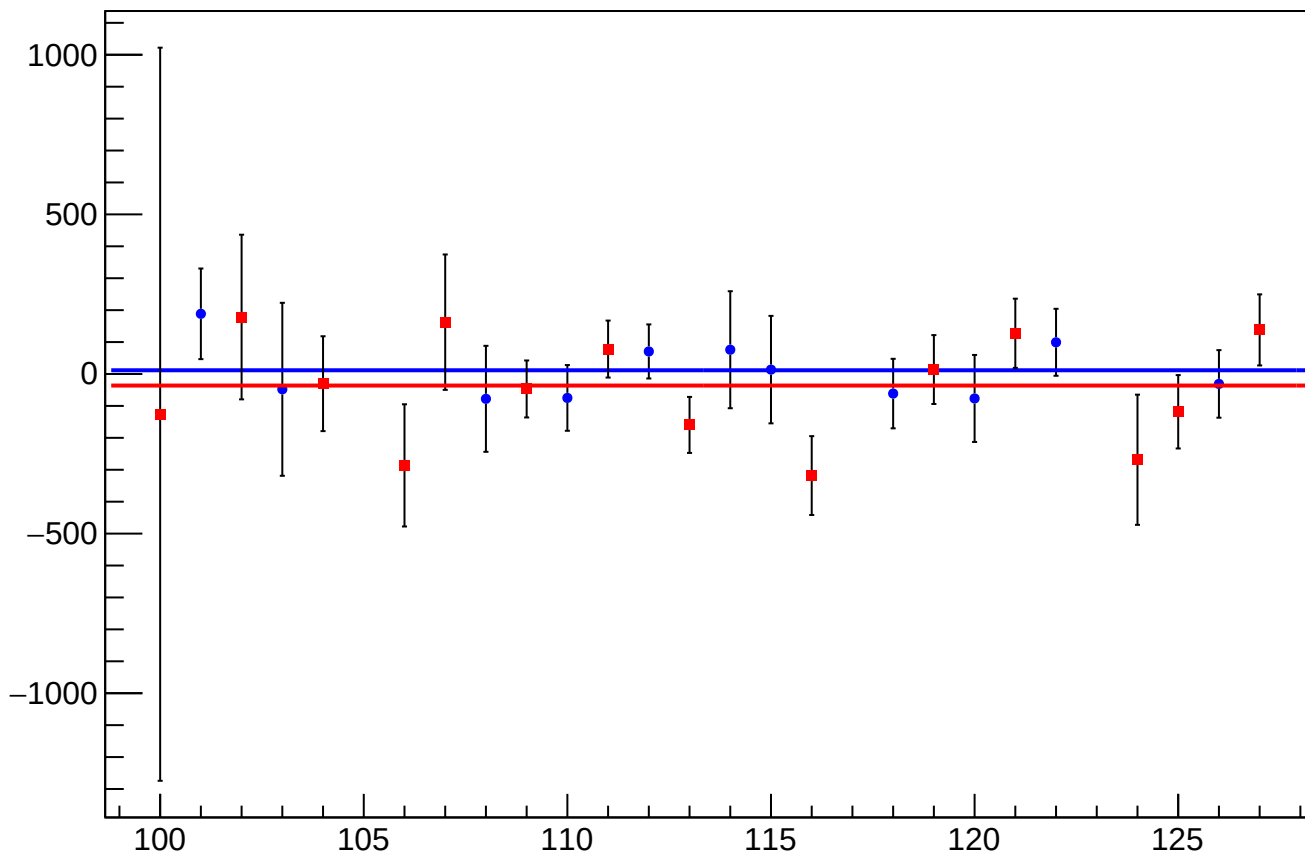
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 969.155 $\pm$ 0.224 χ^2 /NDF: 928933.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_37_avg_mean vs Slug



Right In: 11.657+/-37.350 χ^2/NDF : 4.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.199+/-33.173 χ^2/NDF : 18.9/13

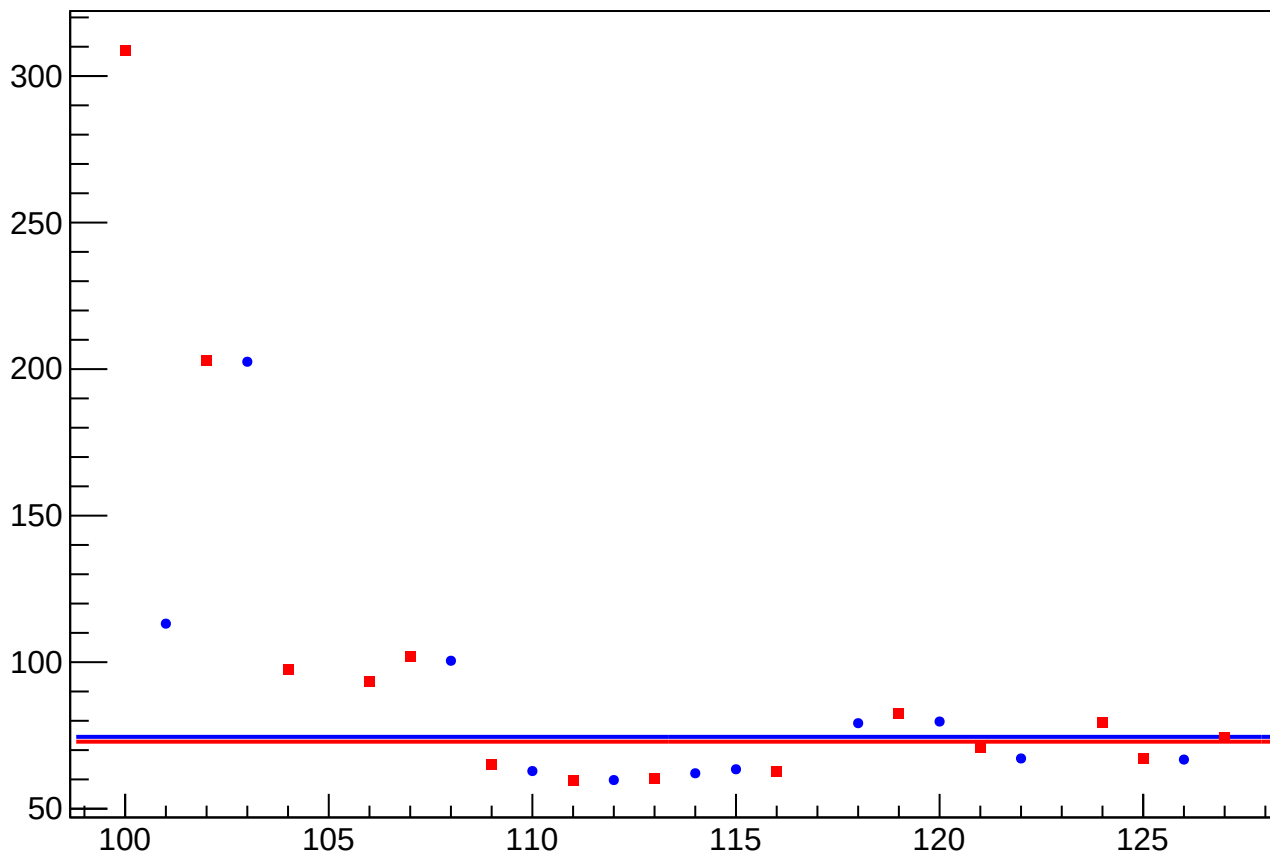
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.096+/-24.803 χ^2/NDF : 24.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_37_avg_rms vs Slug



Right In: 74.520+/-0.026 χ^2/NDF : 774739.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.878+/-0.023 χ^2/NDF : 845162.8/13

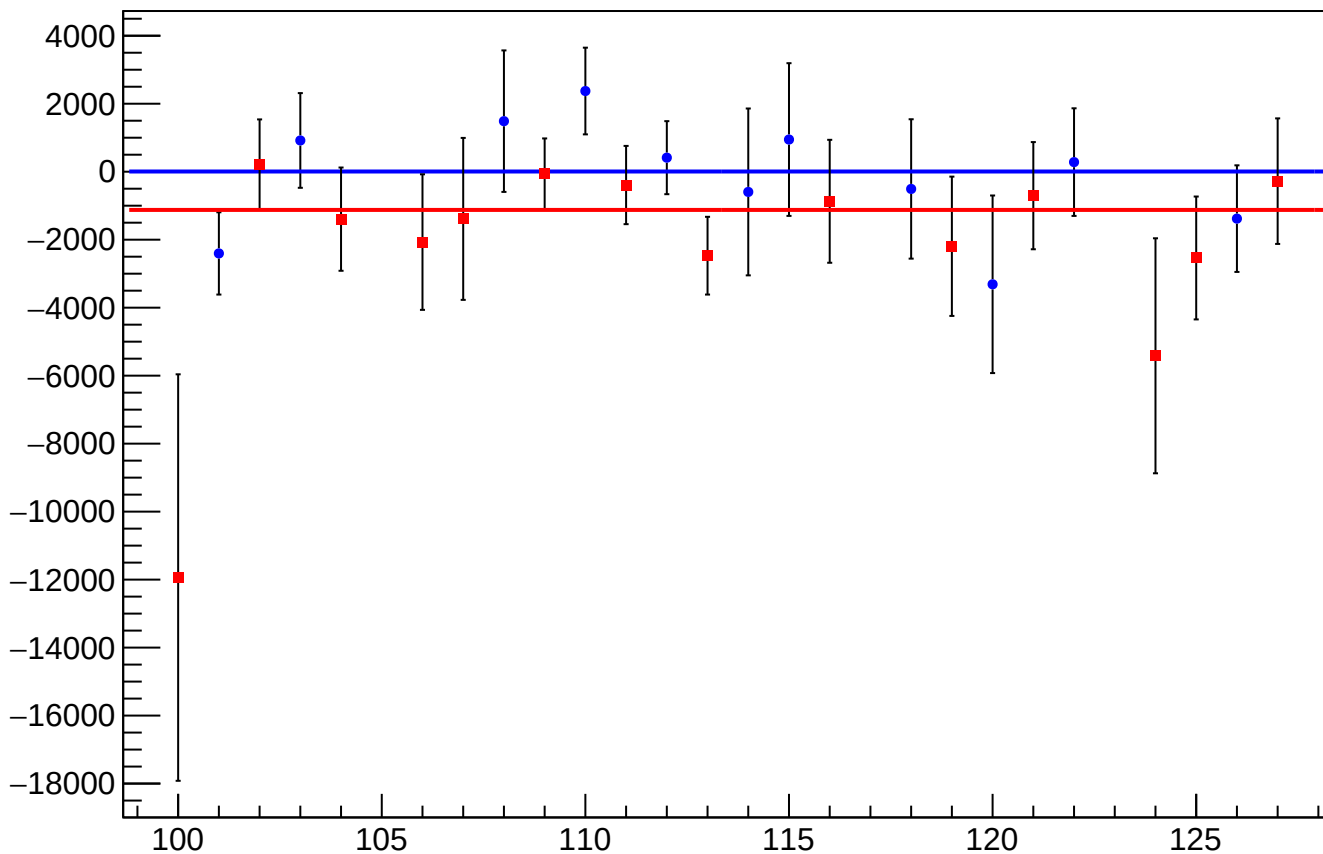
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.602+/-0.018 χ^2/NDF : 1622062.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_eigen_cor_correction_mean vs Slug



Right In: 5.999 $\pm$ 473.276 χ^2 /NDF: 11.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1124.404 $\pm$ 425.476 χ^2 /NDF: 10.1/13

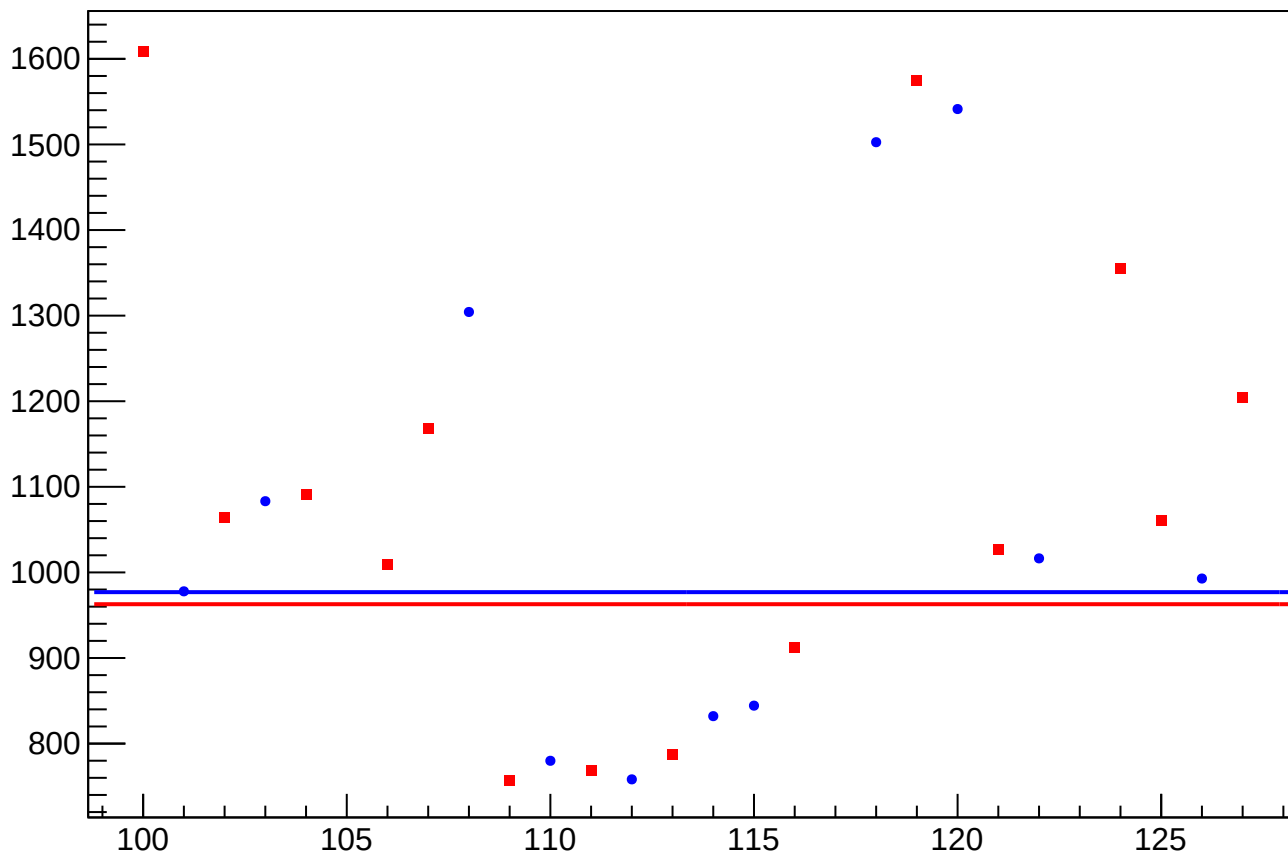
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -619.153 $\pm$ 316.411 χ^2 /NDF: 24.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_eigen_cor_correction_rms vs Slug



Right In: 976.947 $\pm$ 0.335 χ^2 /NDF: 431980.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 962.857 $\pm$ 0.301 χ^2 /NDF: 495972.4/13

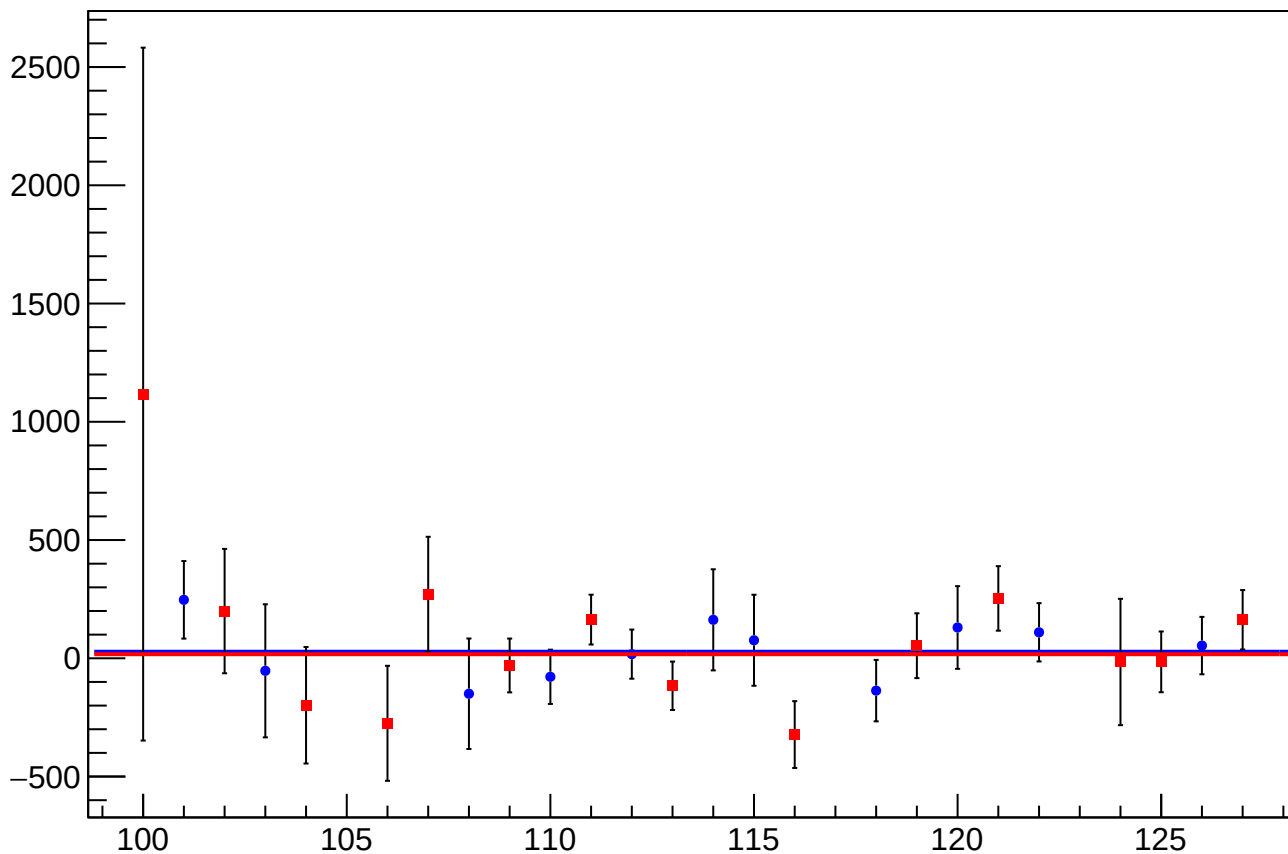
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 969.155 $\pm$ 0.224 χ^2 /NDF: 928933.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_37_avg_mean vs Slug



Right In: 27.587 $\pm$ 44.224 χ^2 /NDF: 6.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.262 $\pm$ 40.057 χ^2 /NDF: 18.4/13

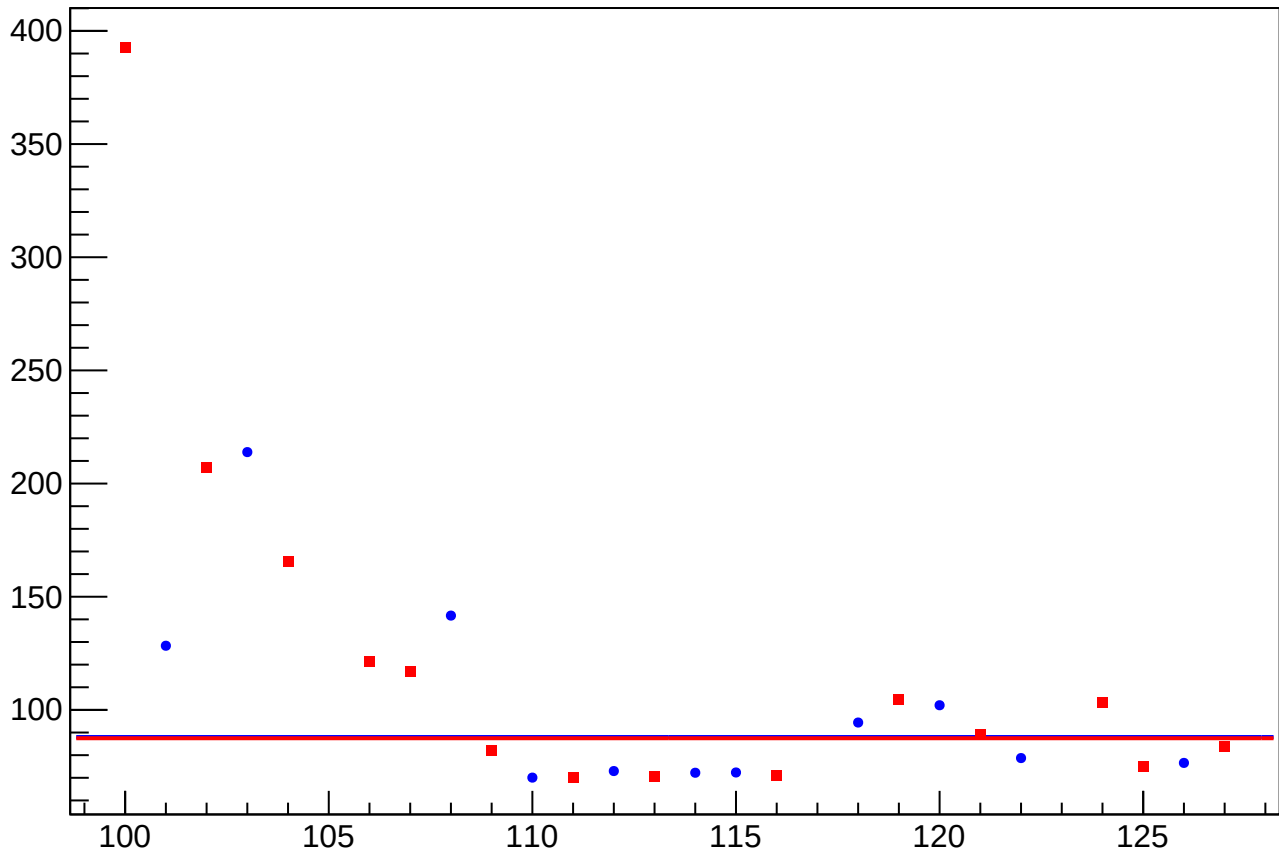
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.915 $\pm$ 29.689 χ^2 /NDF: 24.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_37_avg_rms vs Slug



Right In: 88.016 $\pm$ 0.031 χ^2 /NDF: 788485.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 87.479 $\pm$ 0.028 χ^2 /NDF: 971296.8/13

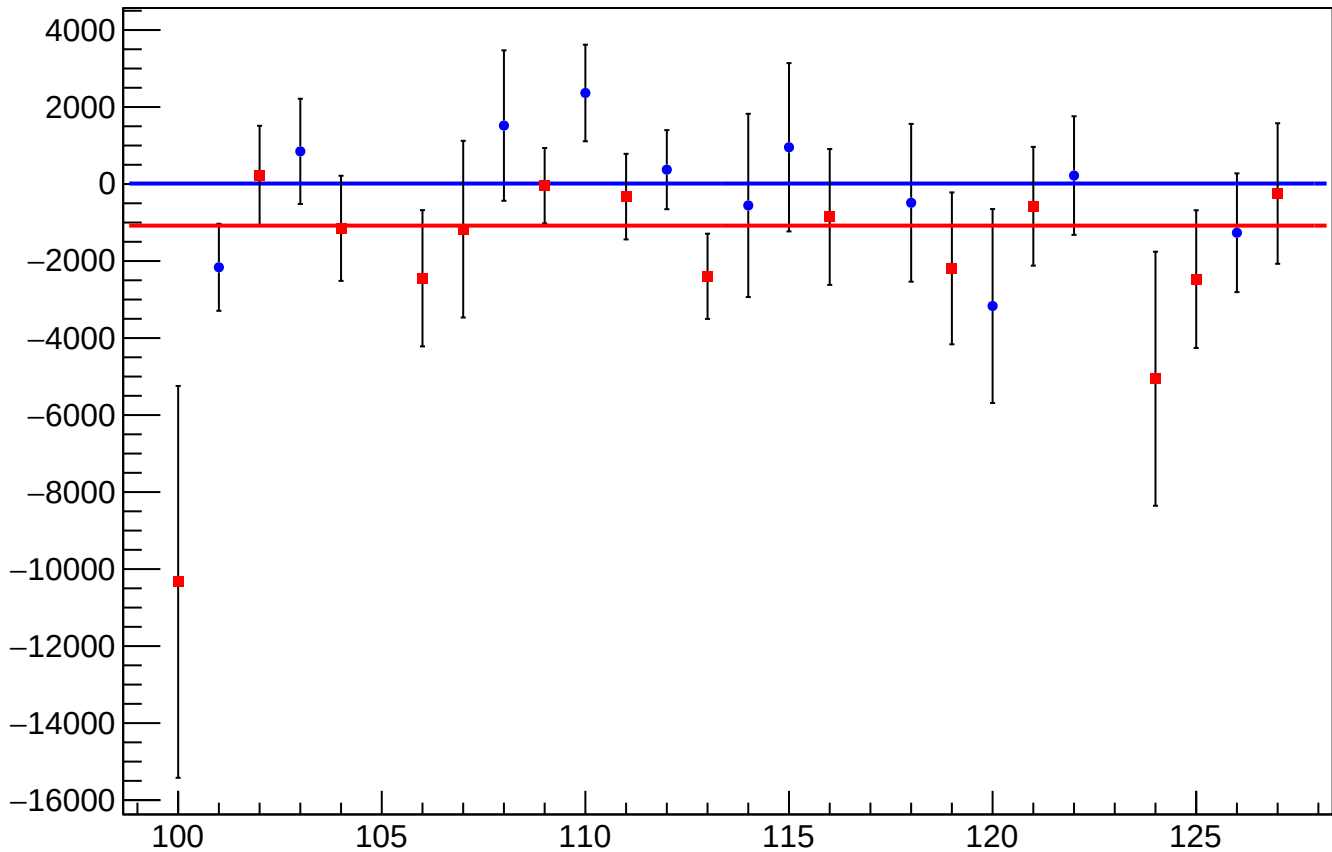
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 87.721 $\pm$ 0.021 χ^2 /NDF: 1759944.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_dit_correction_mean vs Slug



Right In: 13.166+/-456.987 χ^2/NDF : 10.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1079.914+/-406.250 χ^2/NDF : 10.6/13

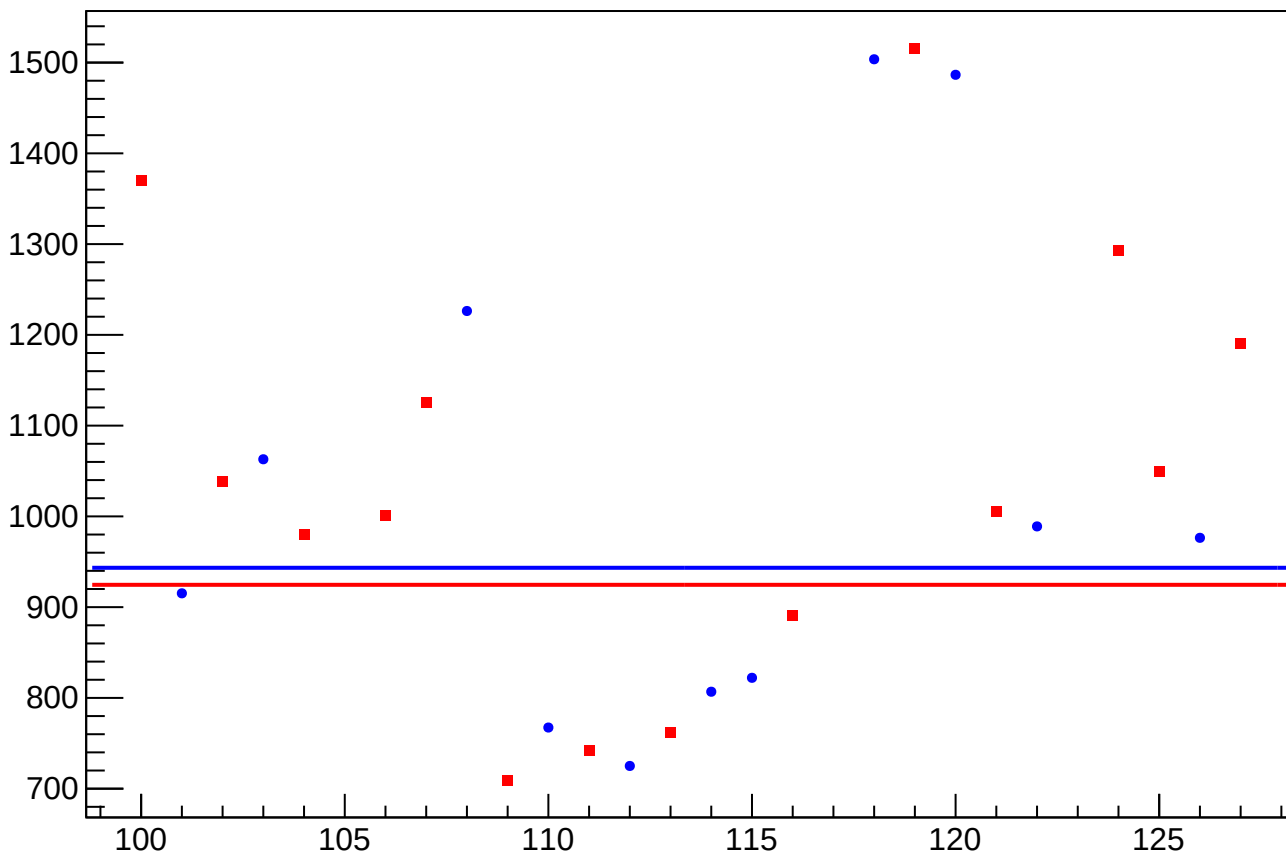
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -597.399+/-303.622 χ^2/NDF : 24.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_dit_correction_rms vs Slug



Right In: 943.377+/-0.323 χ^2/NDF : 446320.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 924.604+/-0.287 χ^2/NDF : 510113.4/13

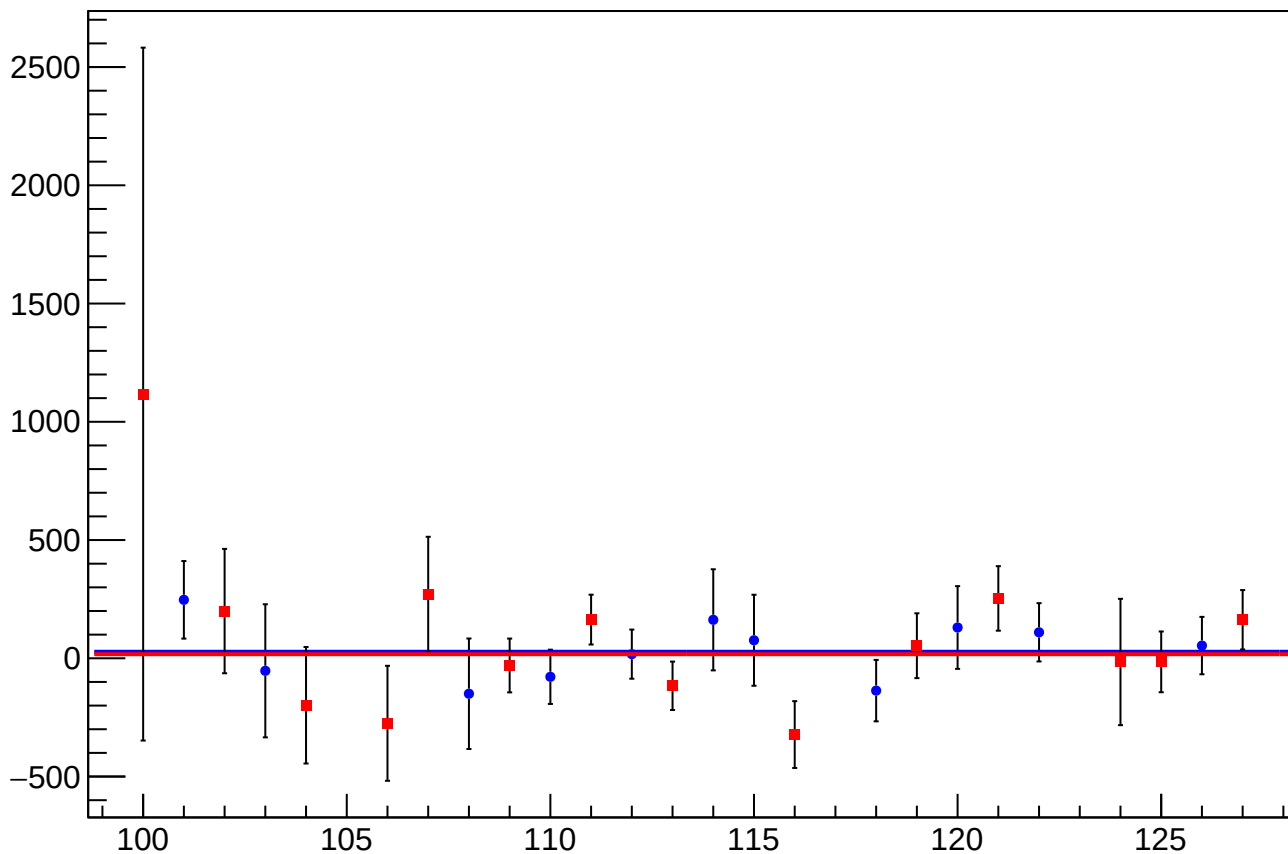
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 932.891+/-0.215 χ^2/NDF : 958319.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_37_avg_mean vs Slug



Right In: 27.586 $\pm$ 44.225 χ^2 /NDF: 6.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.266 $\pm$ 40.058 χ^2 /NDF: 18.4/13

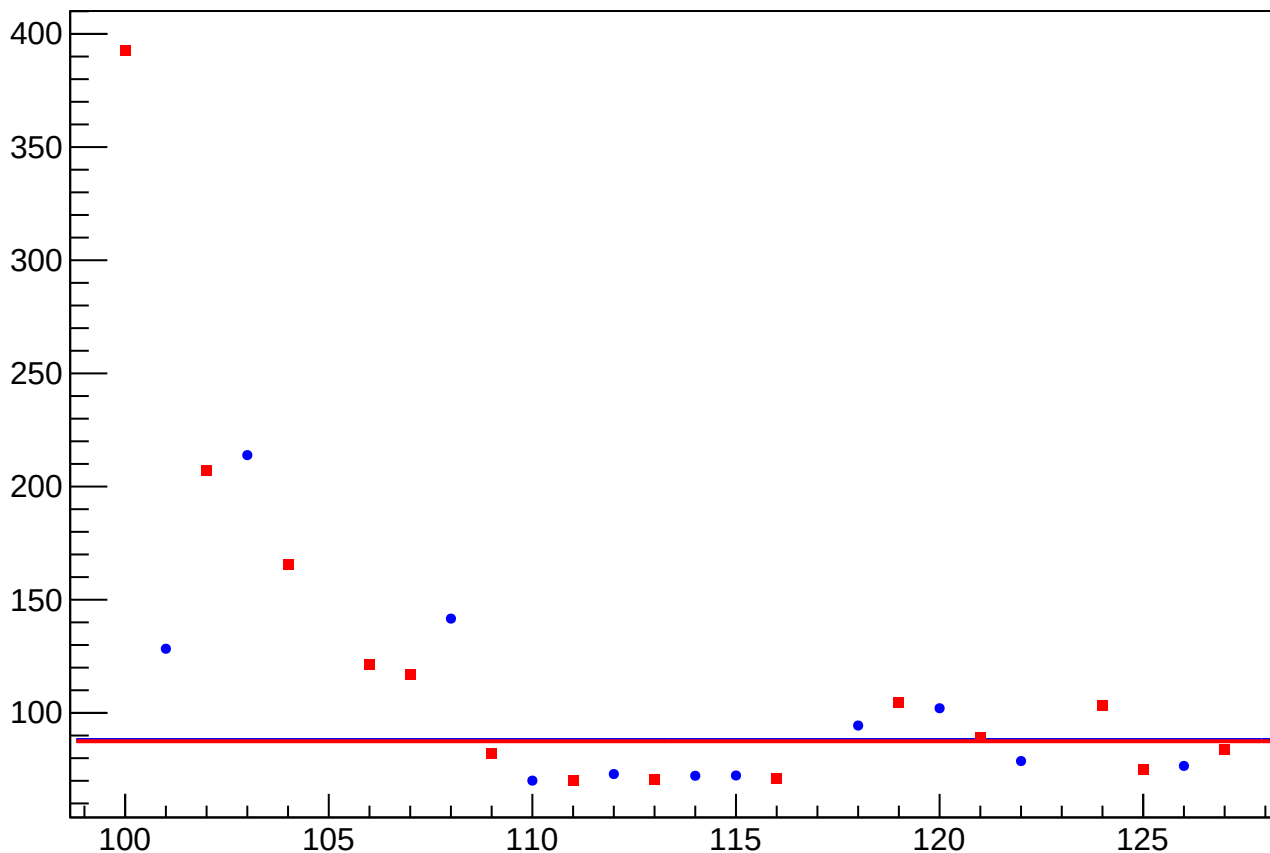
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.917 $\pm$ 29.689 χ^2 /NDF: 24.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_37_avg_rms vs Slug



Right In: 88.017 $\pm$ 0.031 χ^2 /NDF: 788471.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 87.480 $\pm$ 0.028 χ^2 /NDF: 971288.6/13

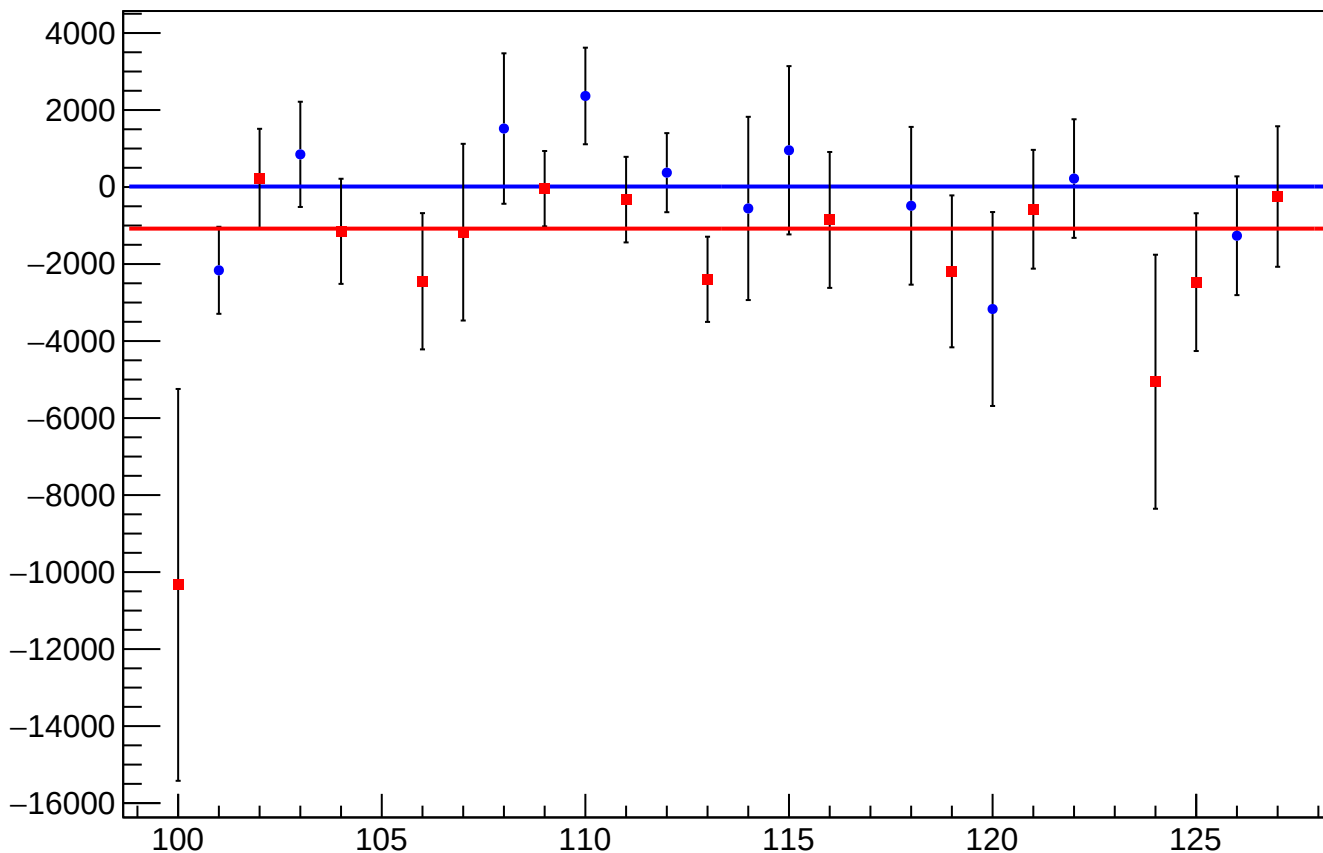
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 87.722 $\pm$ 0.021 χ^2 /NDF: 1759921.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_eigen_dit_correction_mean vs Slug



Right In: 13.166+/-456.985 χ^2/NDF : 10.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1079.912+/-406.249 χ^2/NDF : 10.6/13

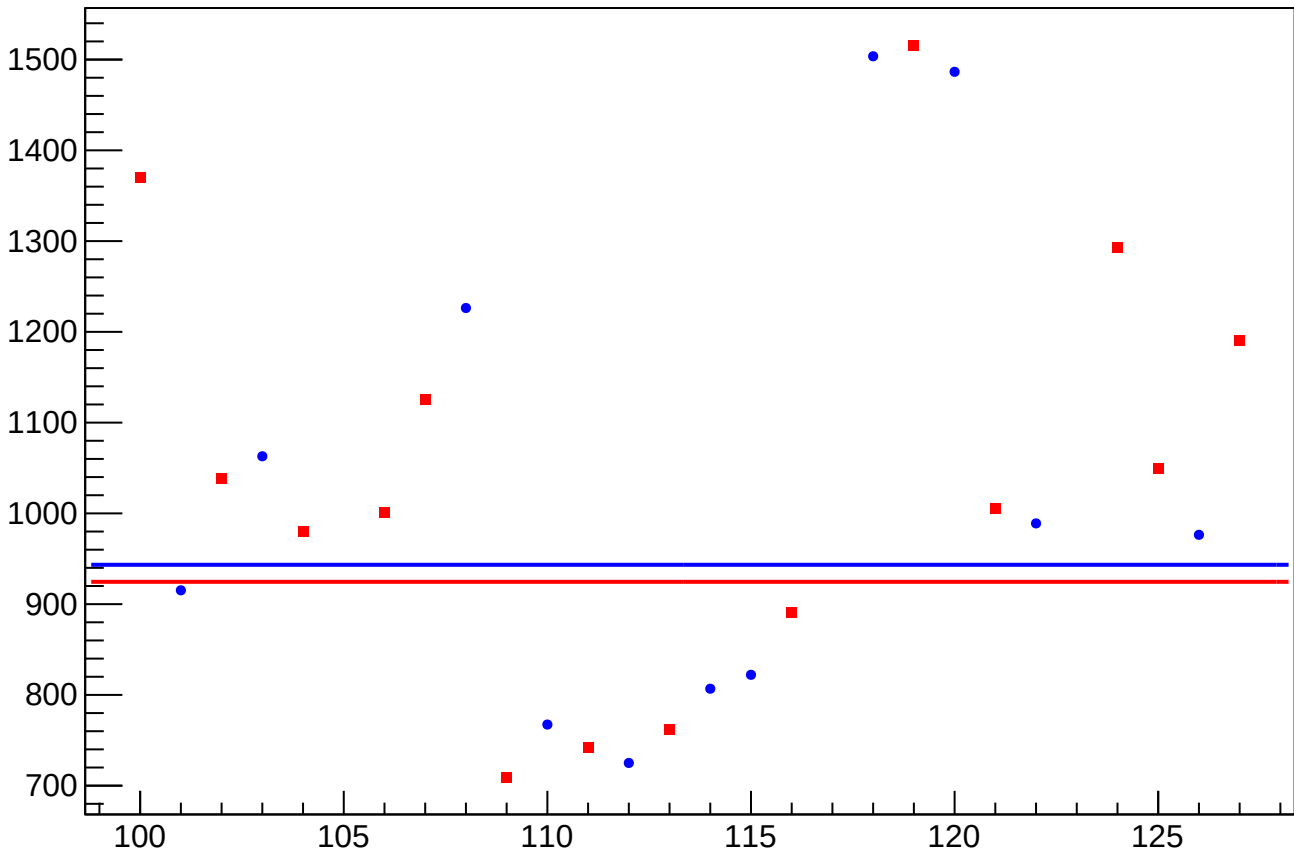
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -597.398+/-303.621 χ^2/NDF : 24.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_eigen_dit_correction_rms vs Slug



Right In: 943.374 $\pm$ 0.323 χ^2 /NDF: 446323.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 924.602 $\pm$ 0.287 χ^2 /NDF: 510112.5/13

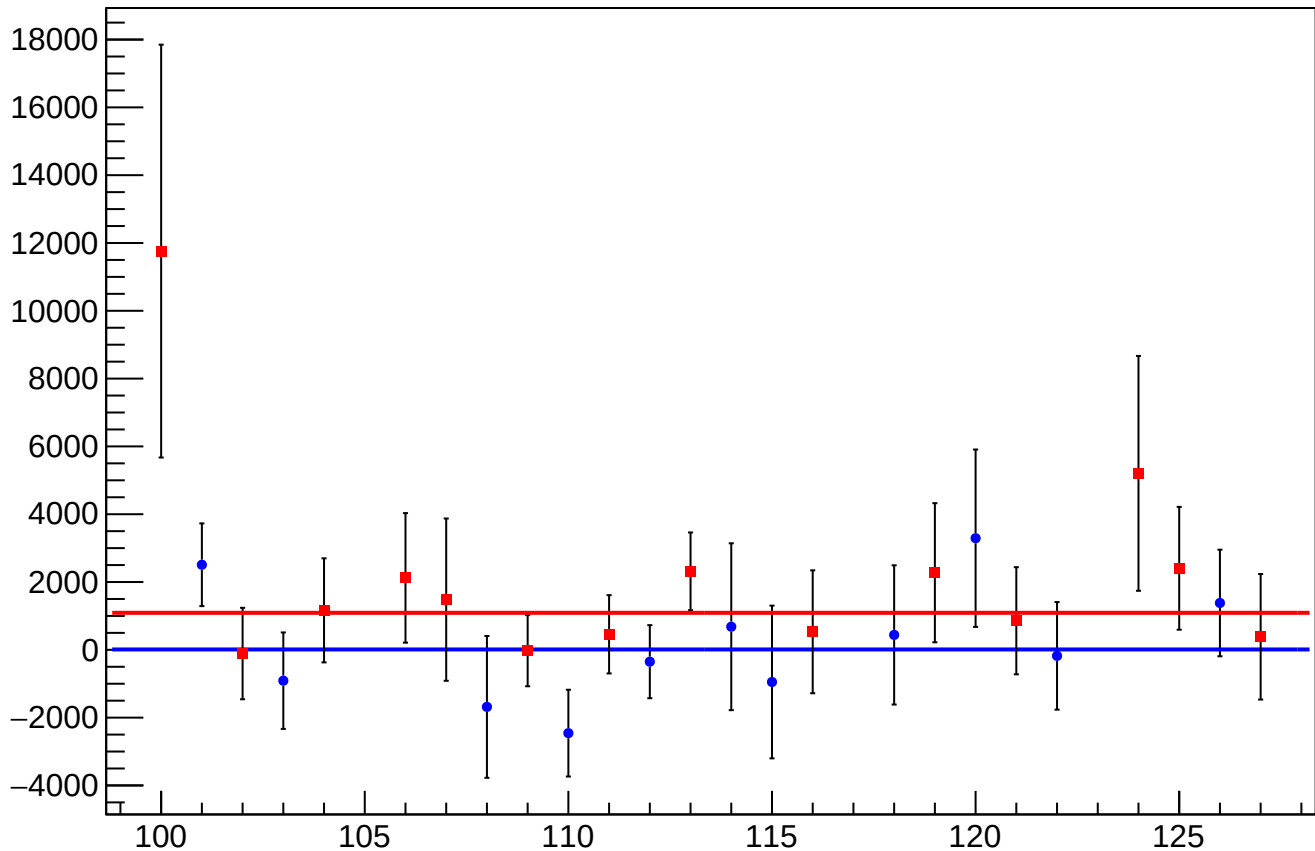
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 932.888 $\pm$ 0.215 χ^2 /NDF: 958321.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_mean vs Slug



Right In: 11.063+/-475.996 χ^2/NDF : 11.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1092.271+/-426.816 χ^2/NDF : 9.3/13

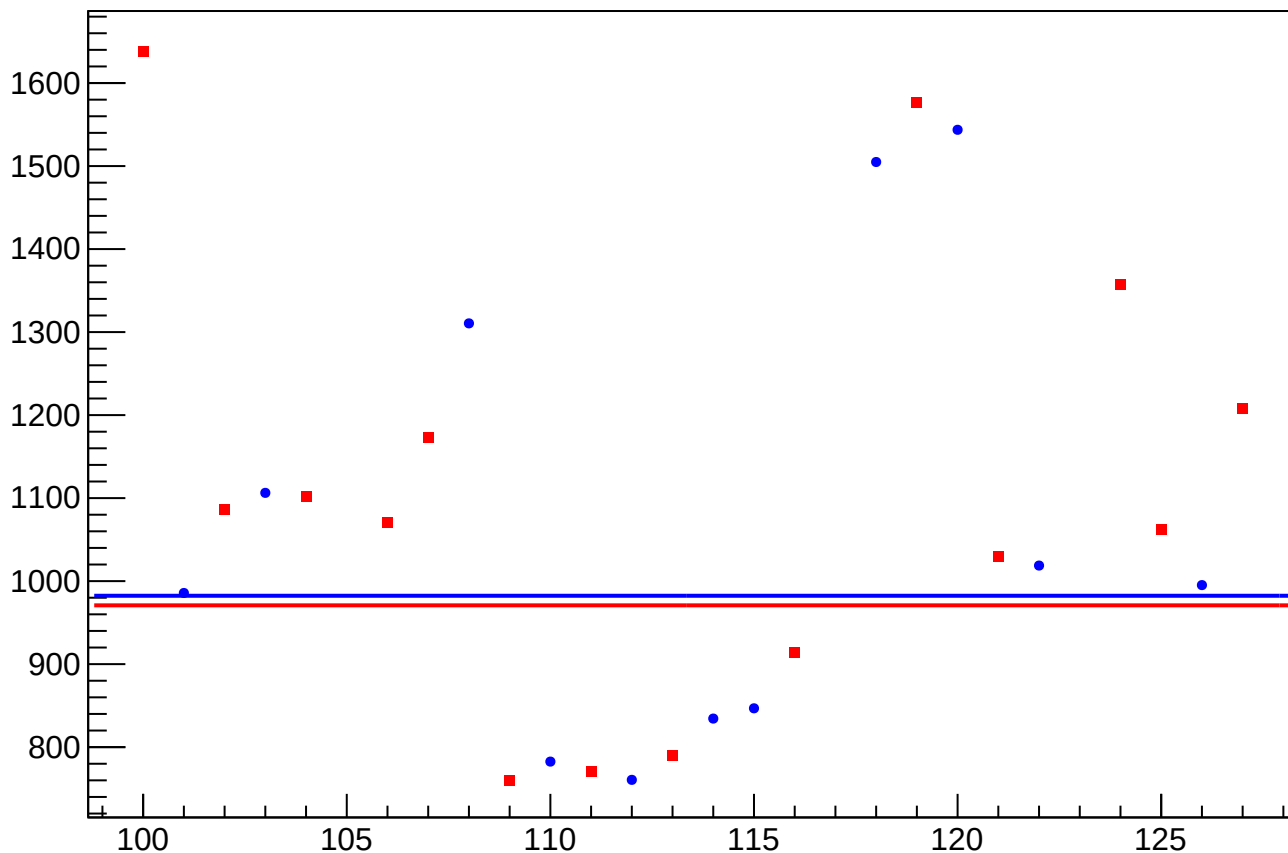
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 610.390+/-317.774 χ^2/NDF : 23.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_rms vs Slug



Right In: 982.373+/-0.337 χ^2/NDF : 435129.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 970.829+/-0.302 χ^2/NDF : 505598.2/13

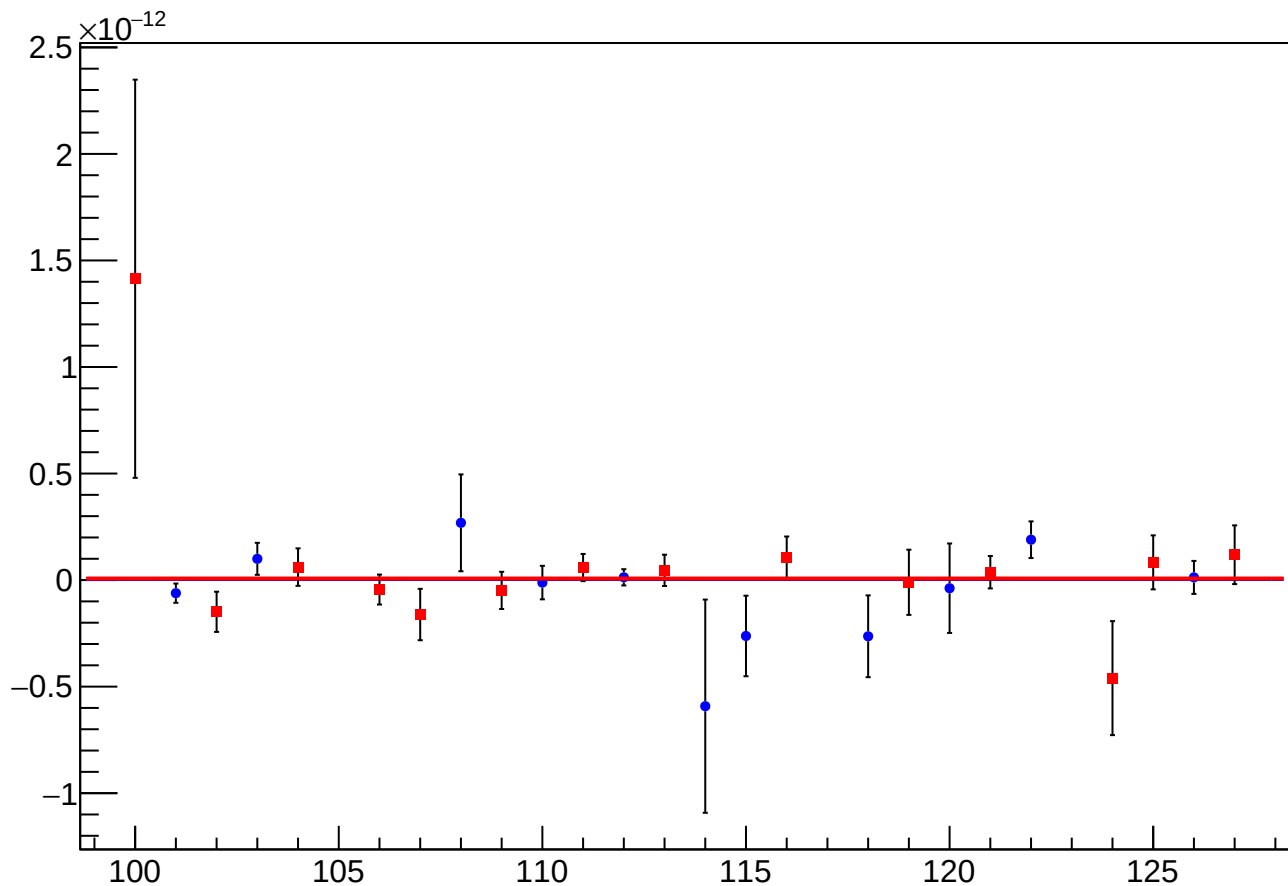
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 975.974+/-0.225 χ^2/NDF : 941379.5/24

- 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: 15.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.4/13

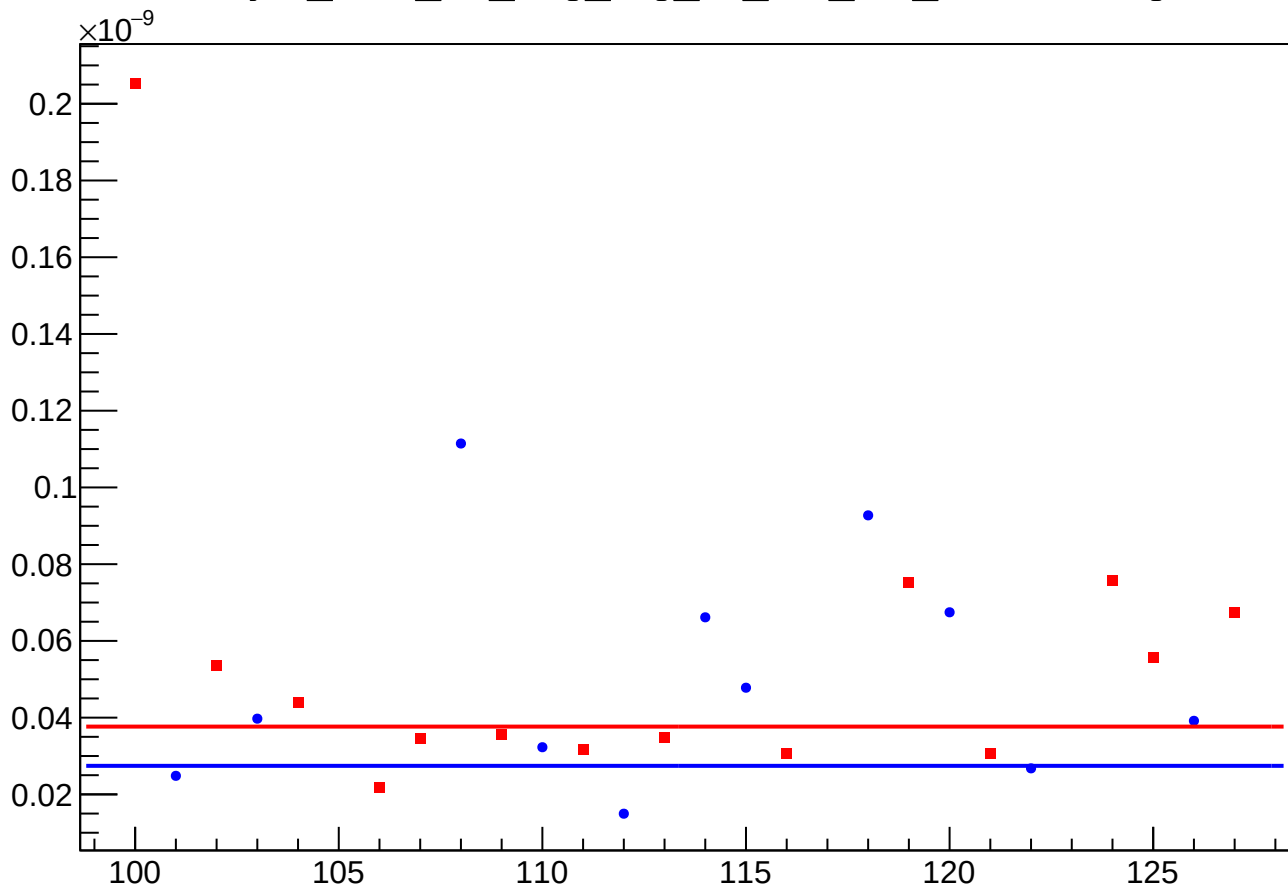
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 29.7/24

- 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 : 940975.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 578477.3/13

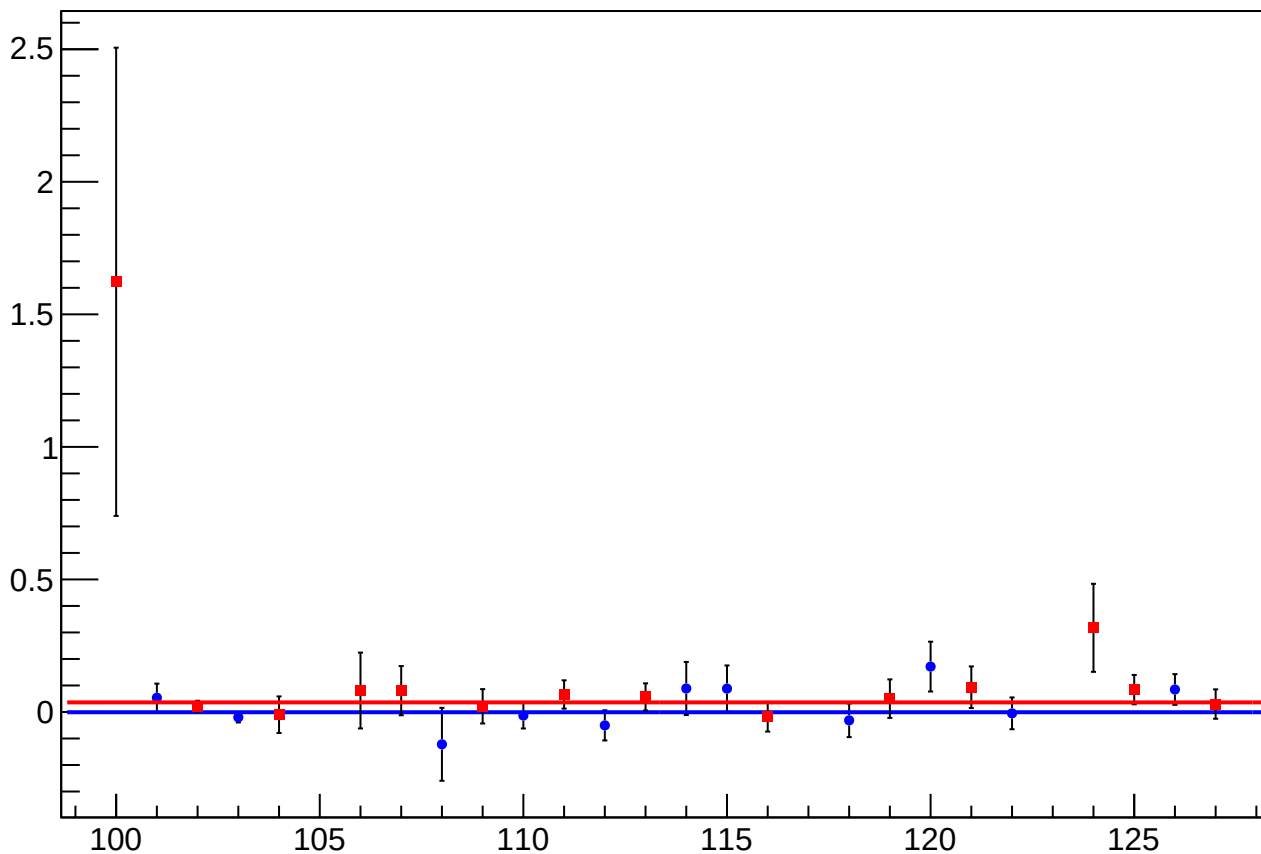
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1697247.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.001+/-0.014 χ^2/NDF : 11.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.036+/-0.014 χ^2/NDF : 10.2/13

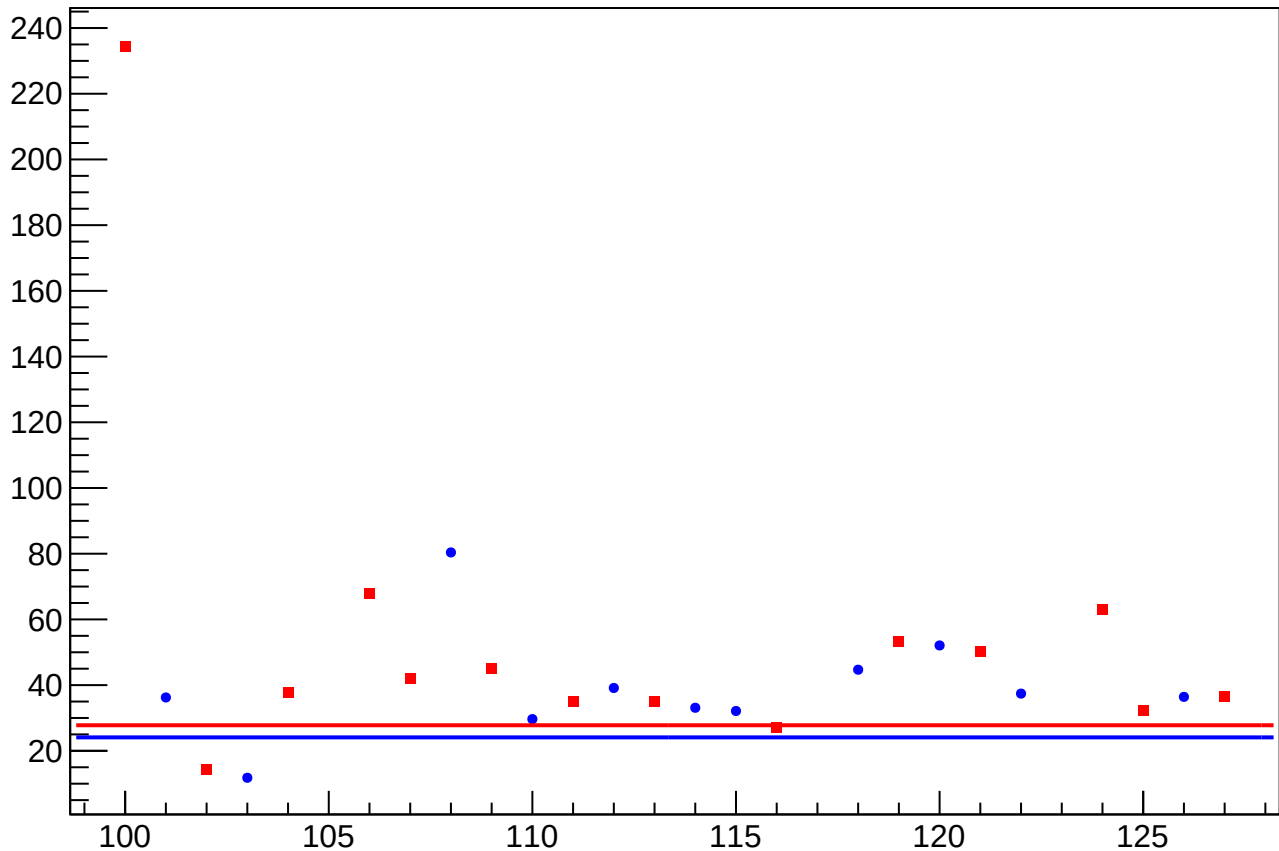
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.010 χ^2/NDF : 24.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_dit_vs_cor_diff_rms vs Slug



Right In: 24.094+/-0.010 χ^2/NDF : 1998766.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.787+/-0.010 χ^2/NDF : 1928403.6/13

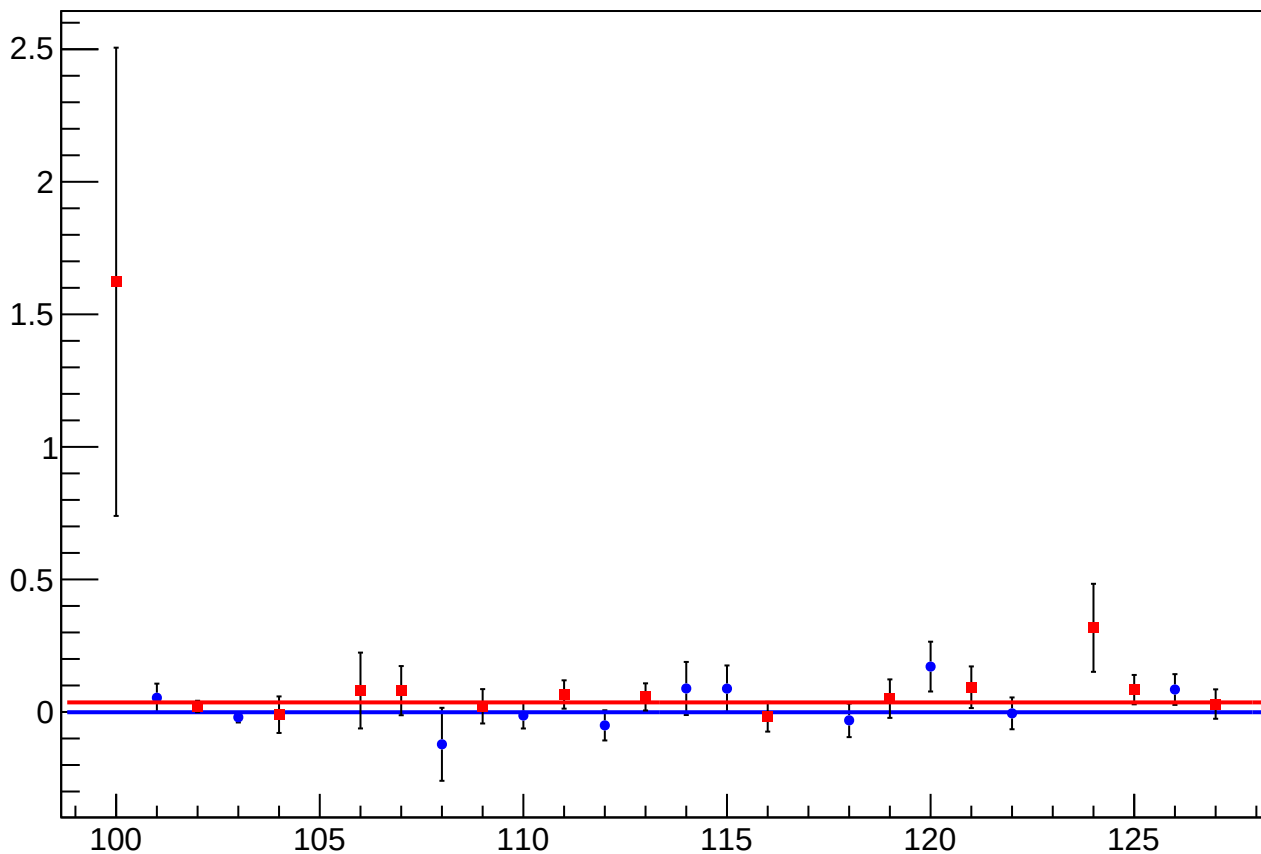
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.933+/-0.007 χ^2/NDF : 3993693.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.001 $\pm$ 0.014 χ^2 /NDF: 11.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.036 $\pm$ 0.014 χ^2 /NDF: 10.2/13

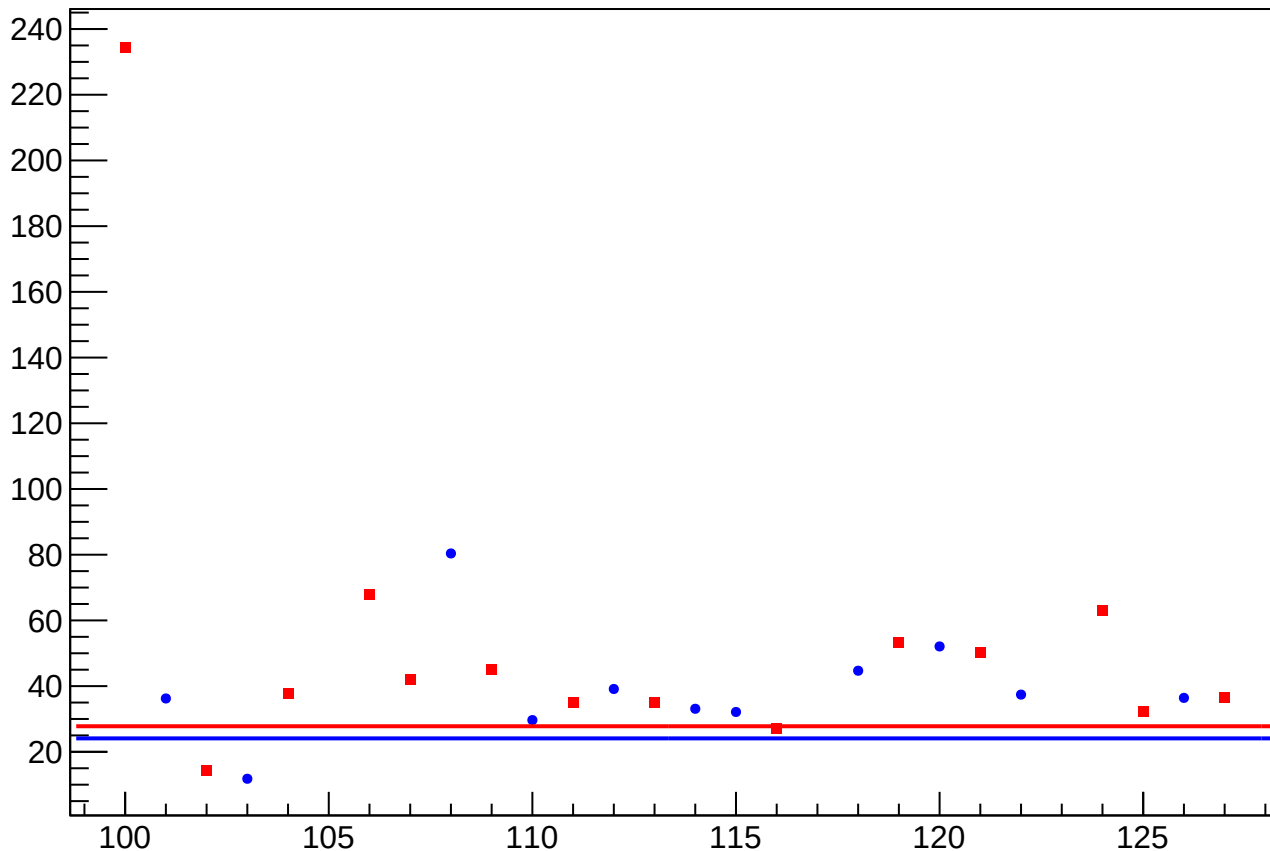
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.018 $\pm$ 0.010 χ^2 /NDF: 24.8/24

- 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: 24.094+/-0.010 χ^2/NDF : 1998766.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.787+/-0.010 χ^2/NDF : 1928403.6/13

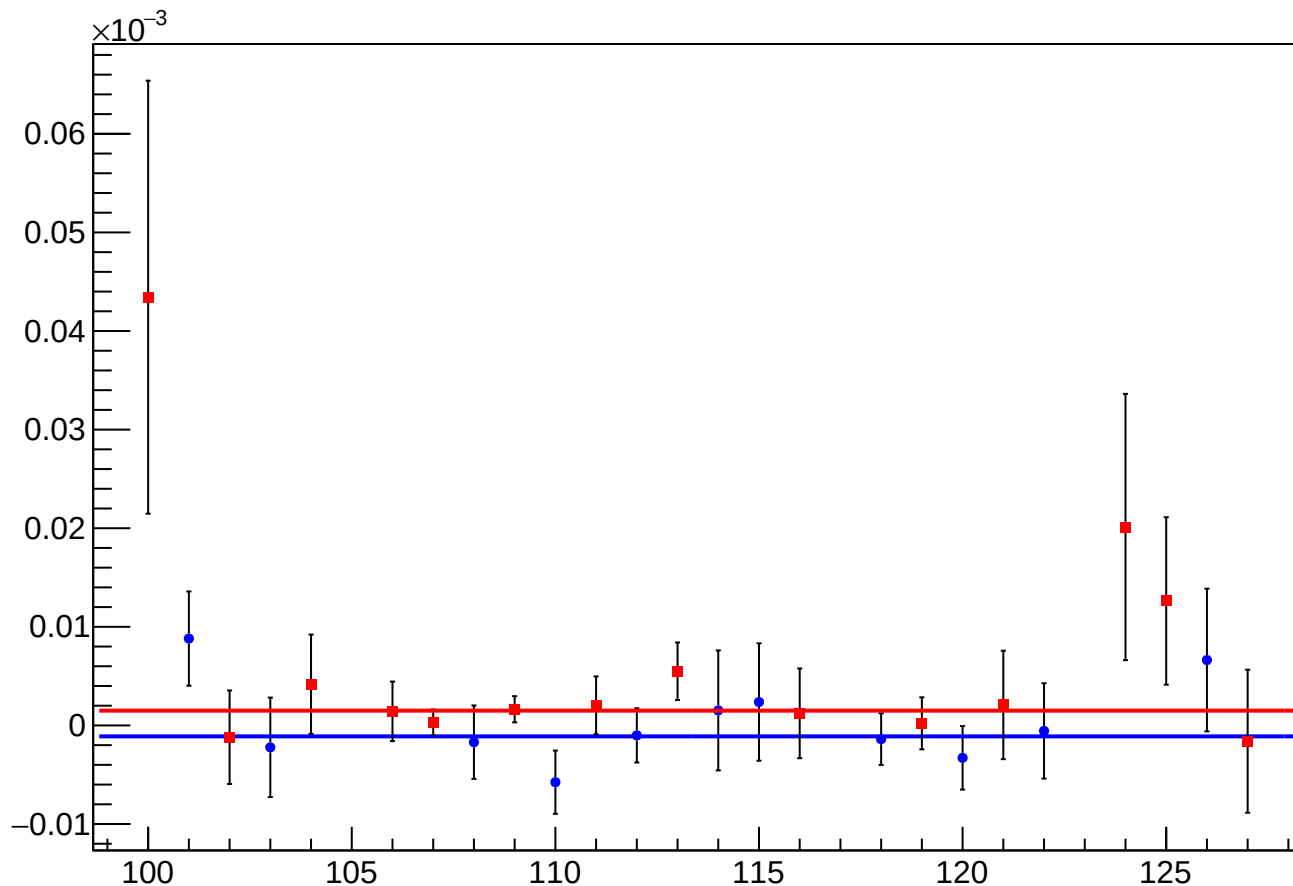
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.933+/-0.007 χ^2/NDF : 3993693.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 8.6/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 11.1/13

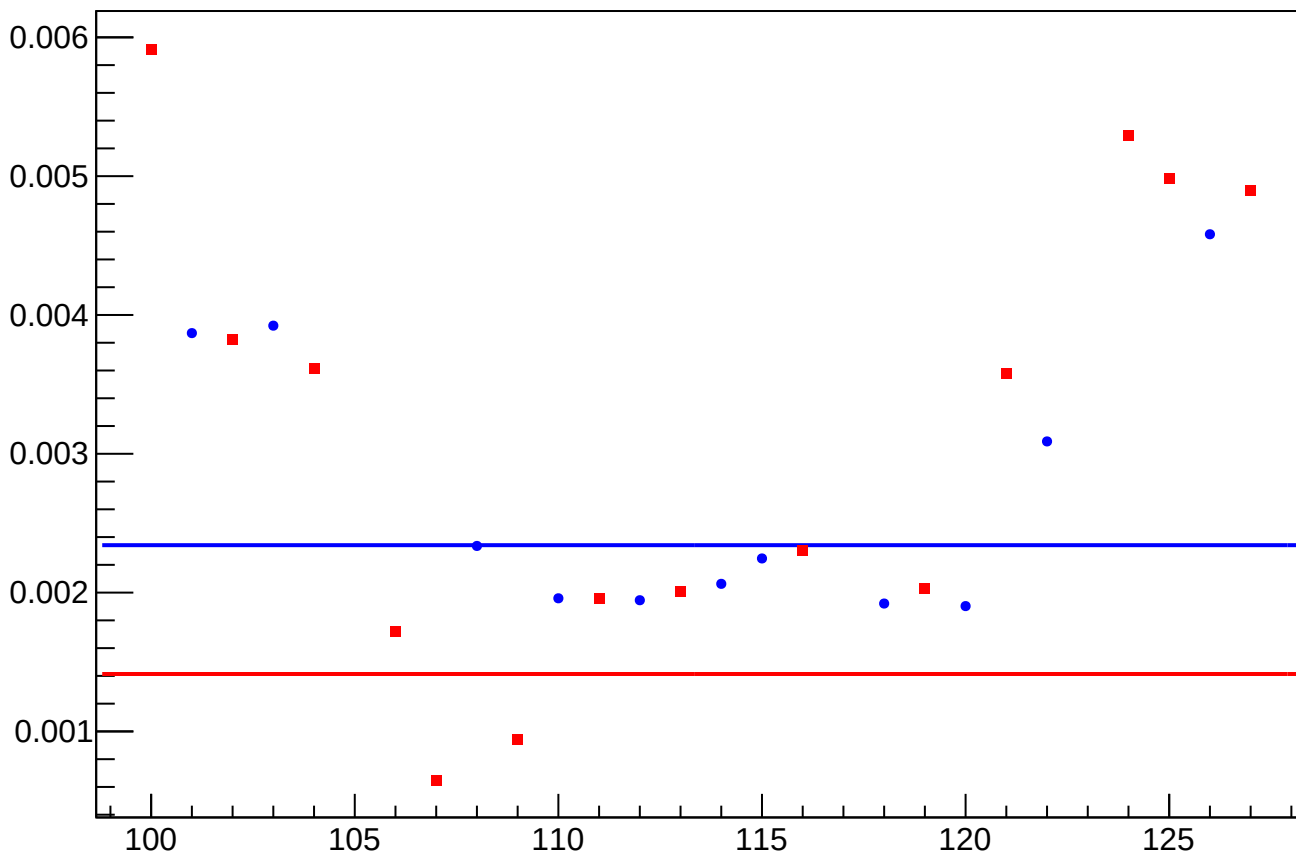
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 23.3/24

- sign 0.000+/-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 : 803804.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3563227.1/13

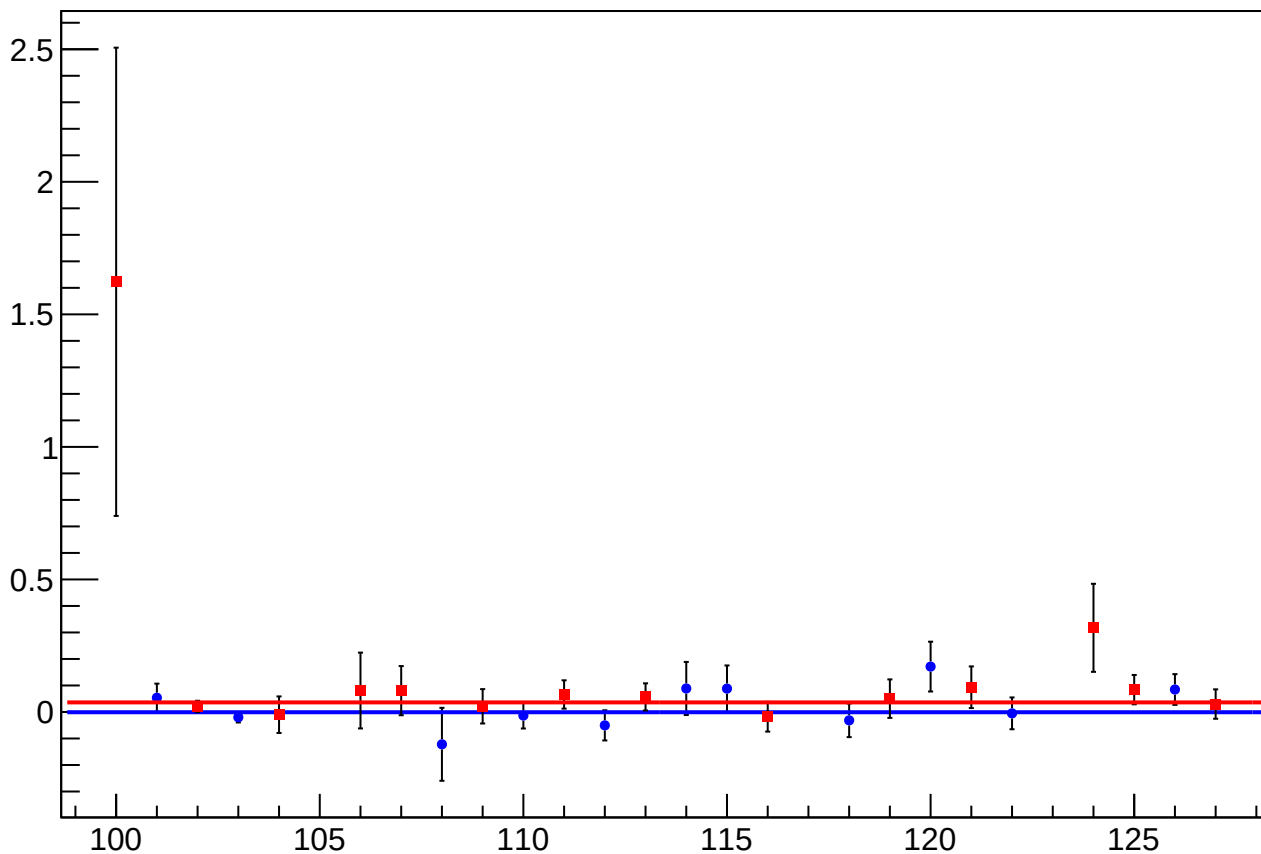
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5279286.9/24

- 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: -0.001 ± 0.014 χ^2/NDF : 11.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.036 ± 0.014 χ^2/NDF : 10.2/13

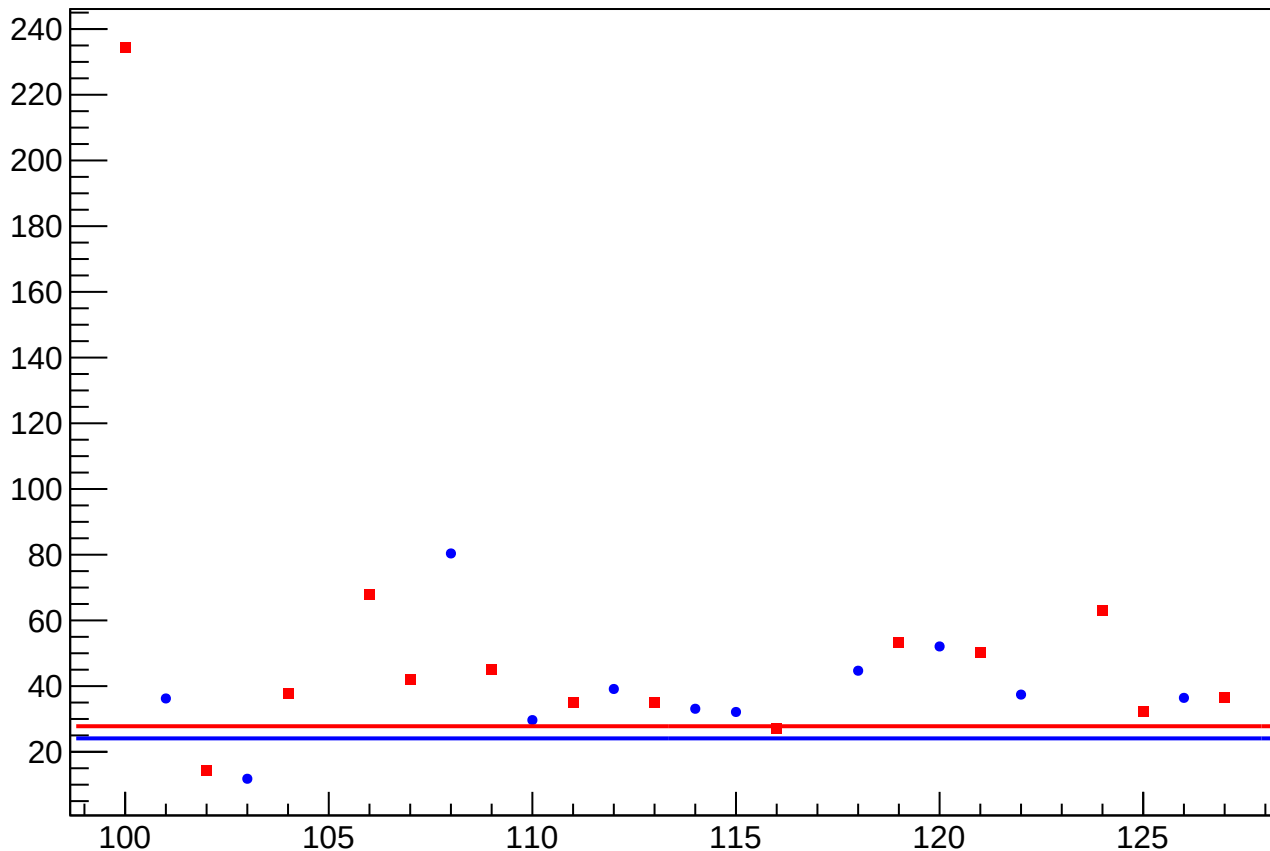
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.018 ± 0.010 χ^2/NDF : 24.8/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 24.093 $\pm$ 0.010 χ^2 /NDF: 1999060.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 27.790 $\pm$ 0.010 χ^2 /NDF: 1927890.7/13

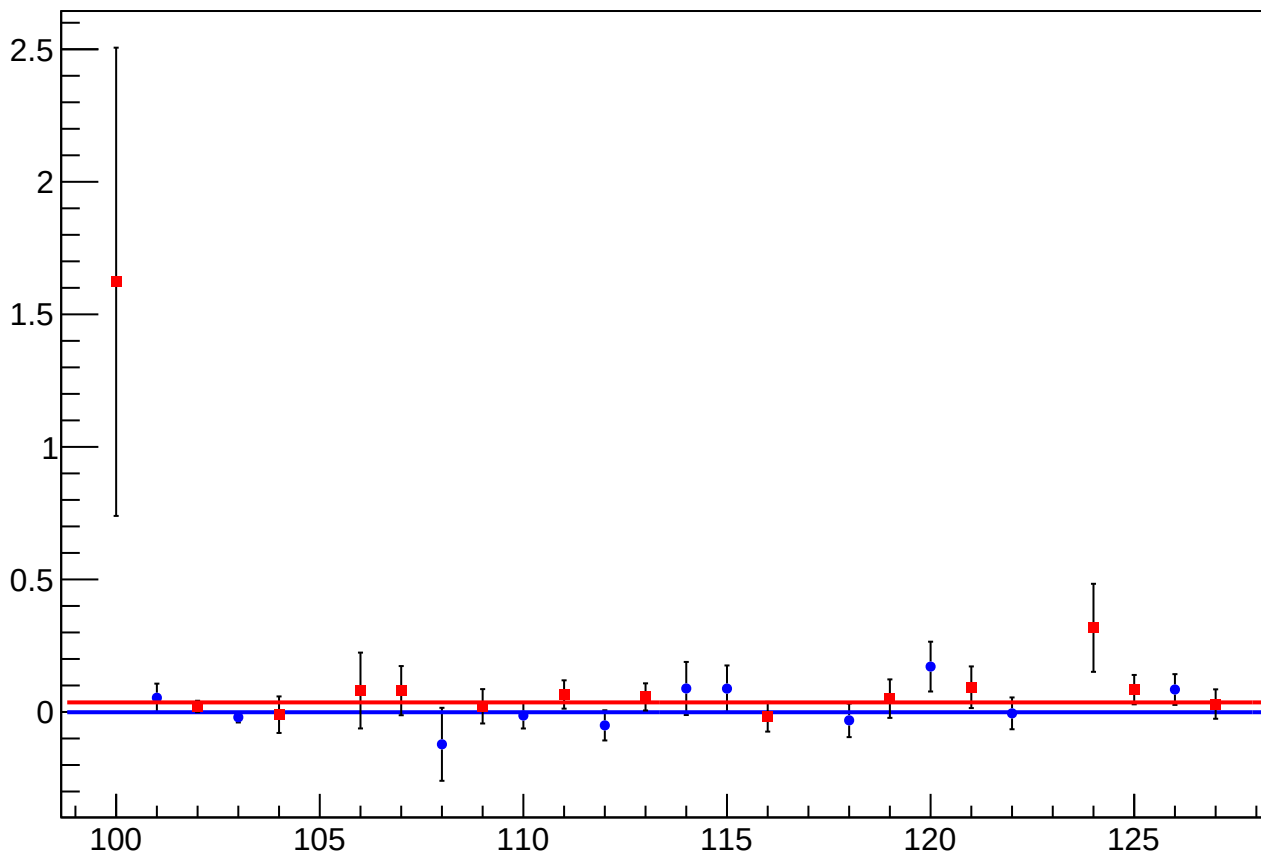
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 25.935 $\pm$ 0.007 χ^2 /NDF: 3993624.1/24

- 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: -0.001 $\pm$ 0.014 χ^2 /NDF: 11.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.036 $\pm$ 0.014 χ^2 /NDF: 10.2/13

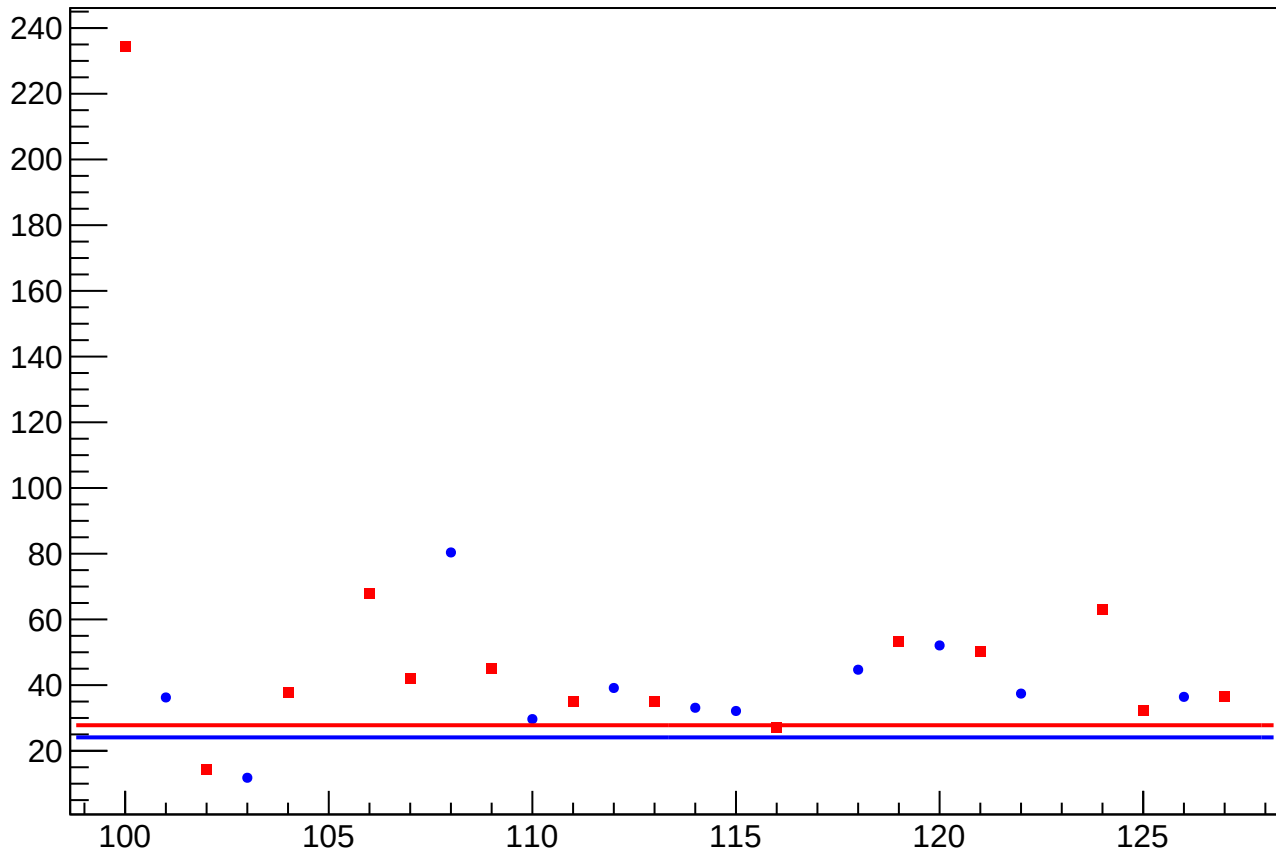
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.018 $\pm$ 0.010 χ^2 /NDF: 24.8/24

- 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: 24.093+/-0.010 χ^2/NDF : 1999060.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.790+/-0.010 χ^2/NDF : 1927890.7/13

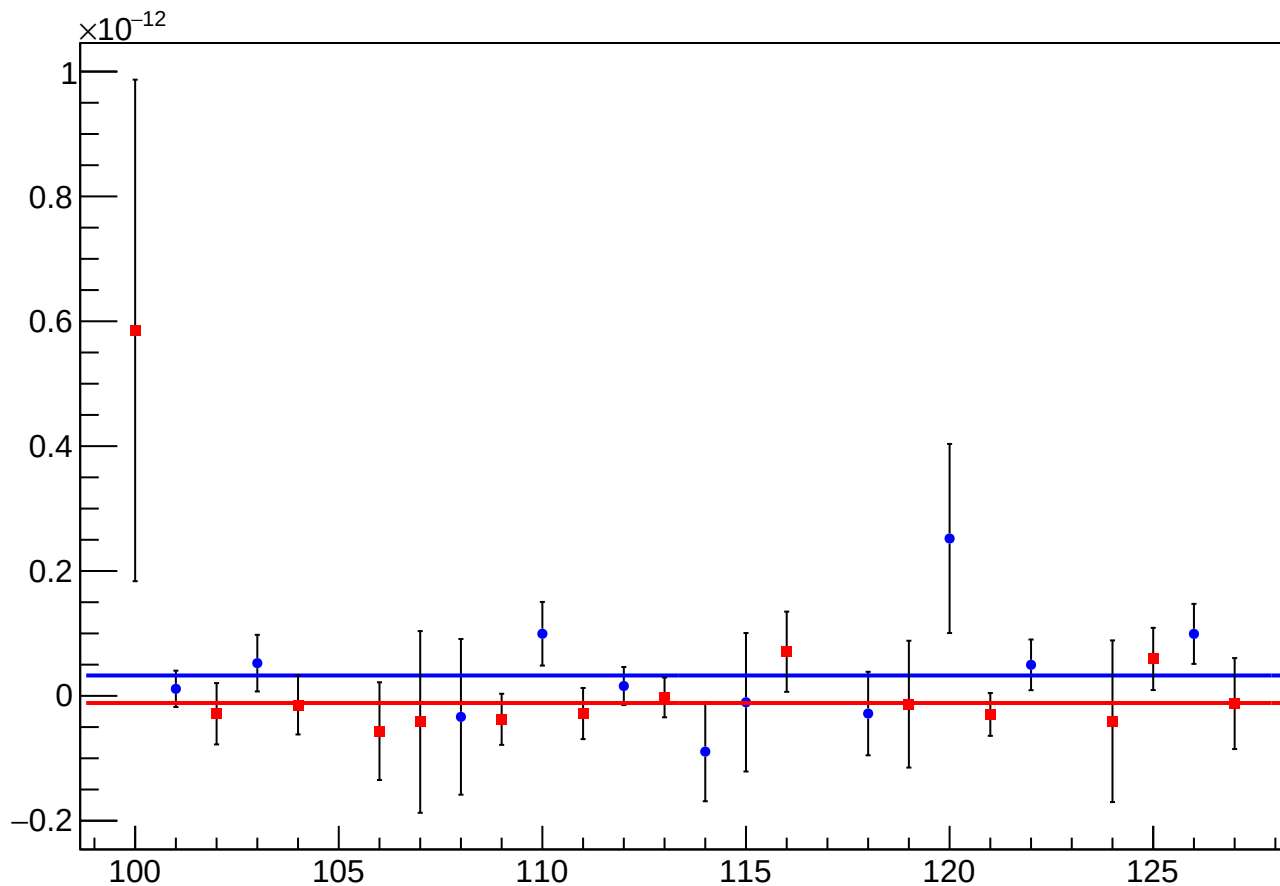
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.935+/-0.007 χ^2/NDF : 3993624.1/24

- sign 0.000+/-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: 10.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 7.3/13

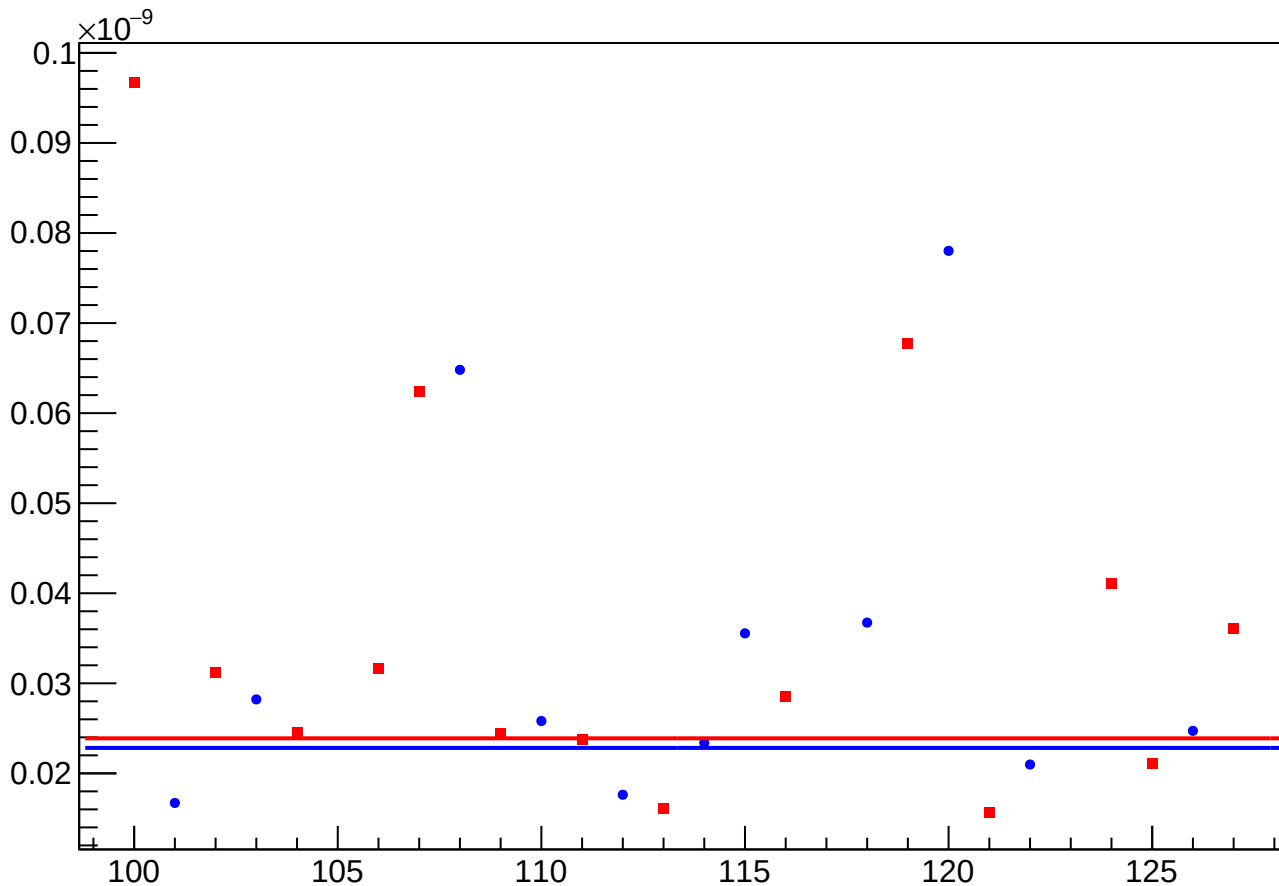
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 22.7/24

- 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+/-0.000 χ^2/NDF : 794145.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 986749.2/13

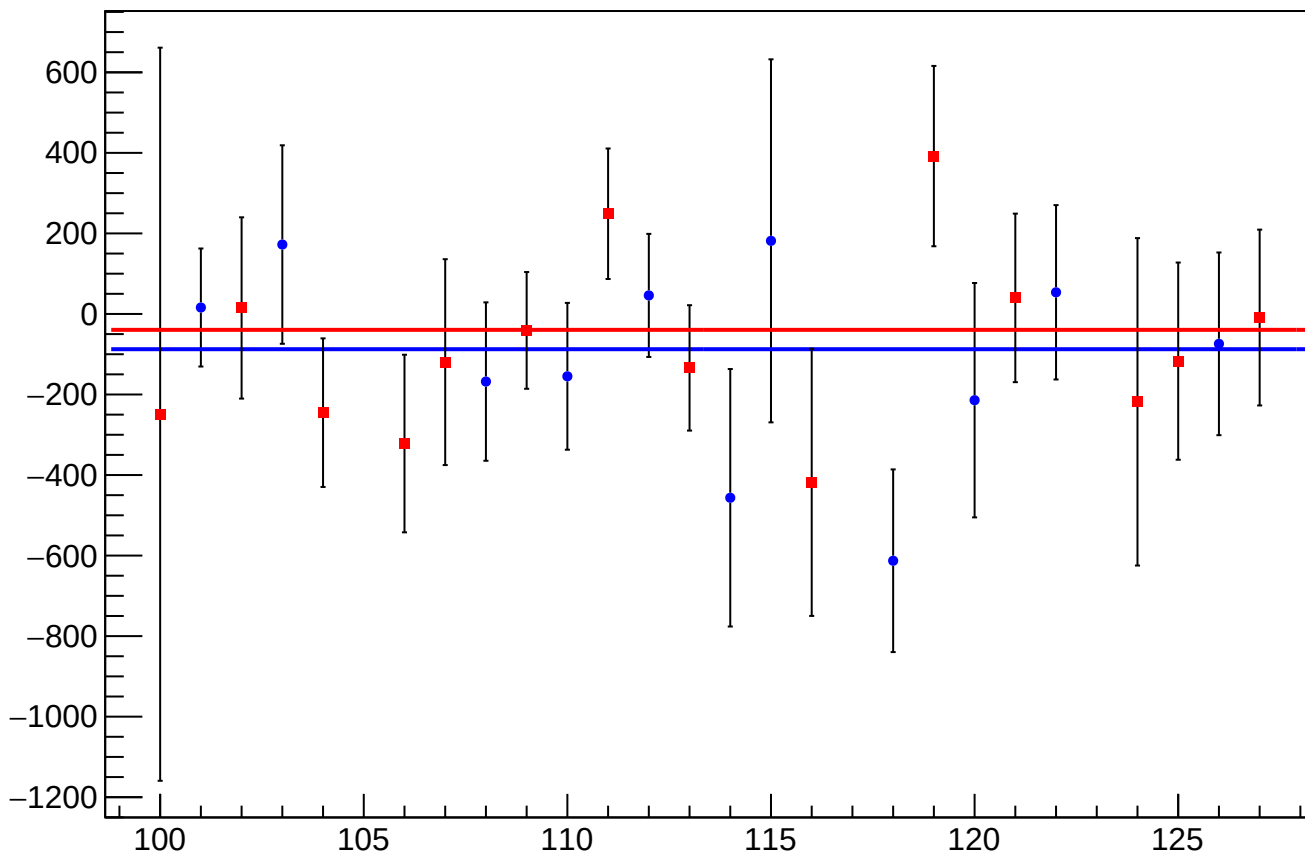
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1786480.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_avg_mean vs Slug



Right In: -87.531 $\pm$ 63.434 χ^2 /NDF: 10.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -39.465 $\pm$ 56.916 χ^2 /NDF: 12.1/13

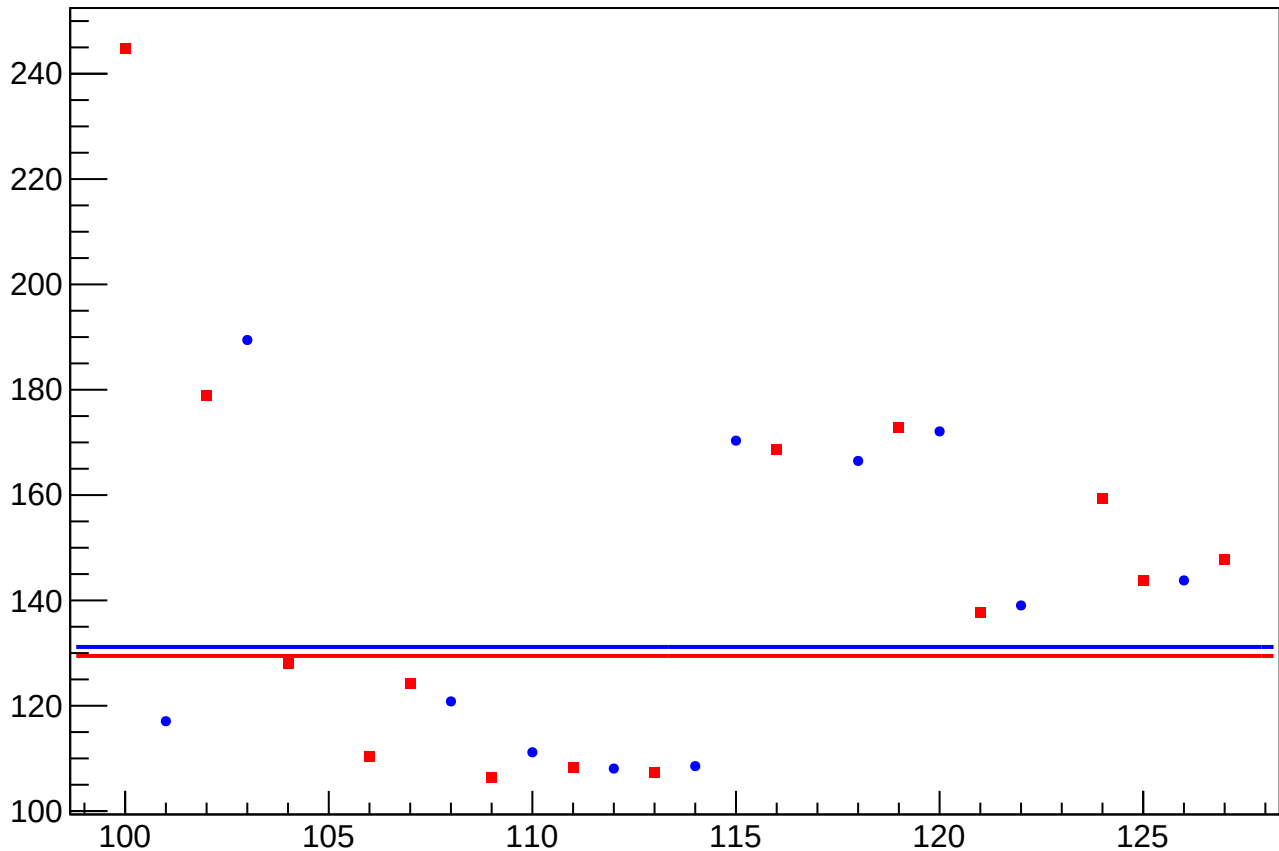
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -60.903 $\pm$ 42.363 χ^2 /NDF: 22.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_avg_rms vs Slug



Right In: 131.165+/-0.045 χ^2/NDF : 327625.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.456+/-0.040 χ^2/NDF : 407732.9/13

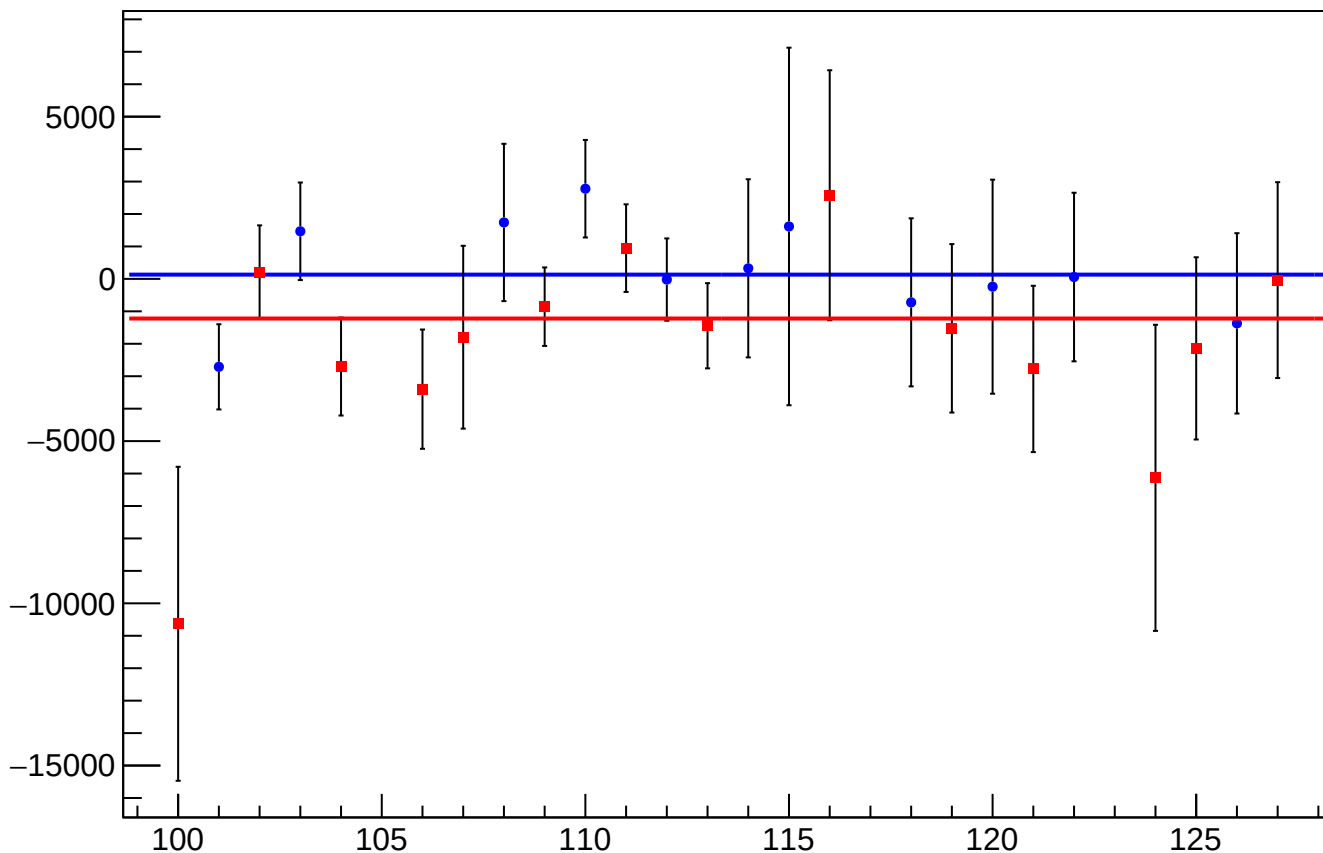
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.219+/-0.030 χ^2/NDF : 736163.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_reg_correction_mean vs Slug



Right In: 131.621+/-583.065 χ^2/NDF : 9.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1221.601+/-509.846 χ^2/NDF : 12.6/13

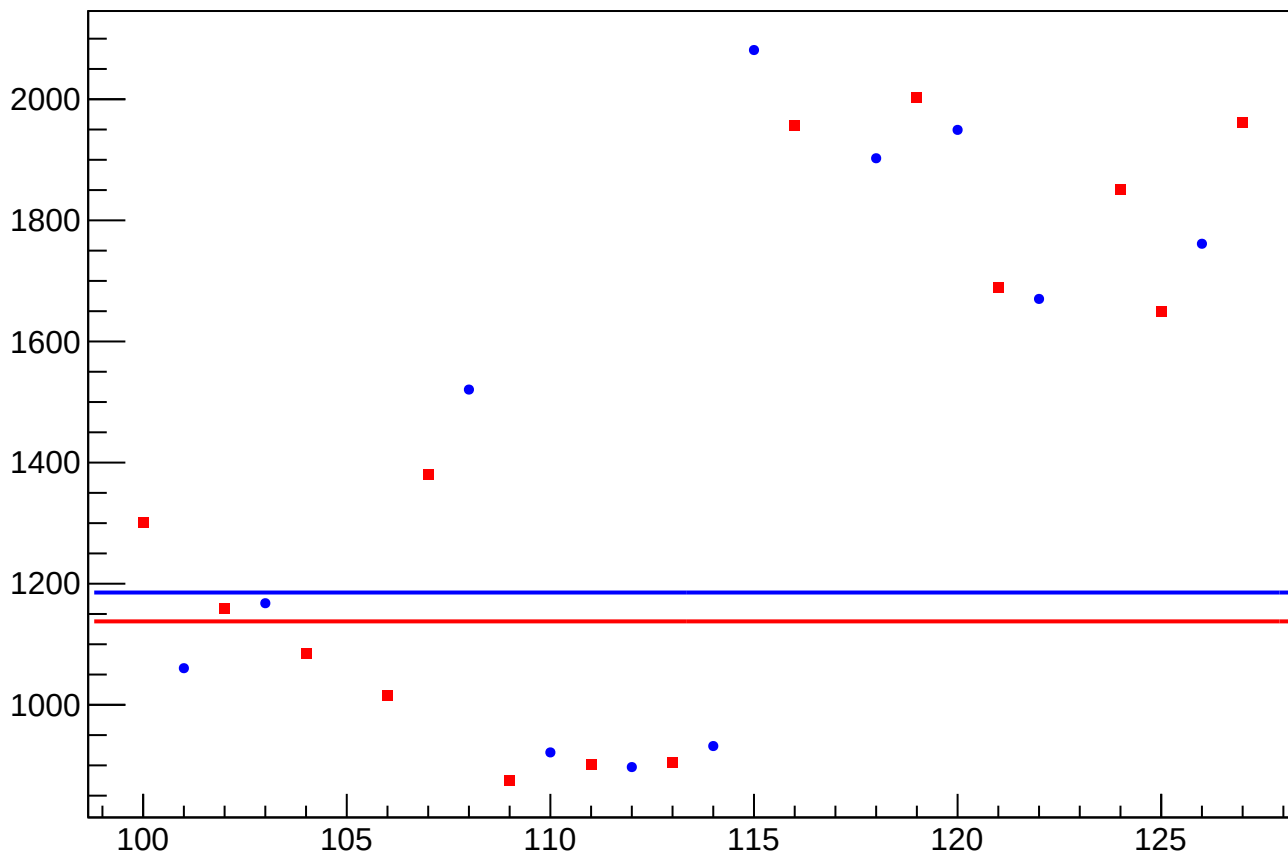
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -635.243+/-383.808 χ^2/NDF : 25.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_reg_correction_rms vs Slug



Right In: 1185.442+/-0.412 χ^2/NDF : 707618.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1137.780+/-0.361 χ^2/NDF : 913009.7/13

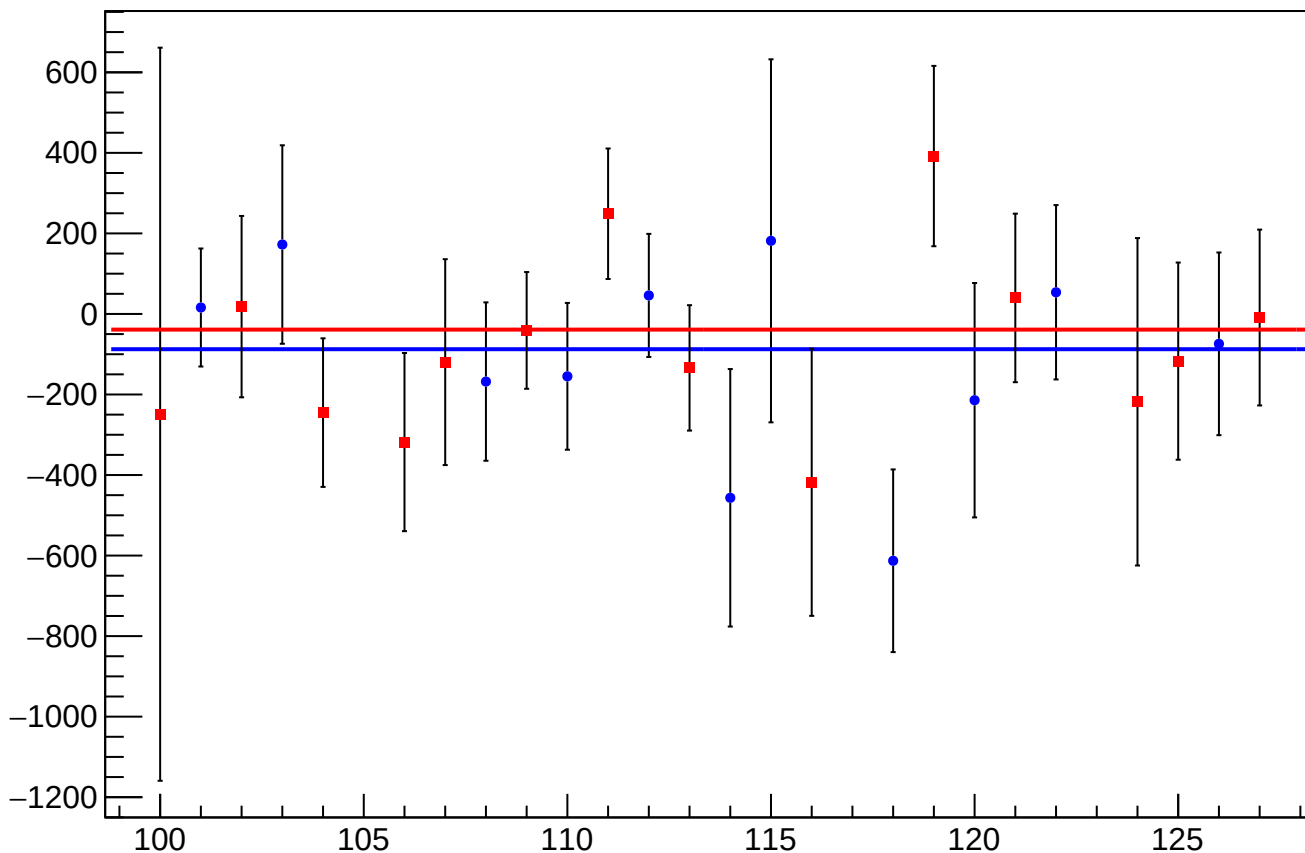
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1158.432+/-0.271 χ^2/NDF : 1628200.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_48_avg_mean vs Slug



Right In: -87.549+/-63.434 χ^2/NDF : 10.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.889+/-56.930 χ^2/NDF : 12.1/13

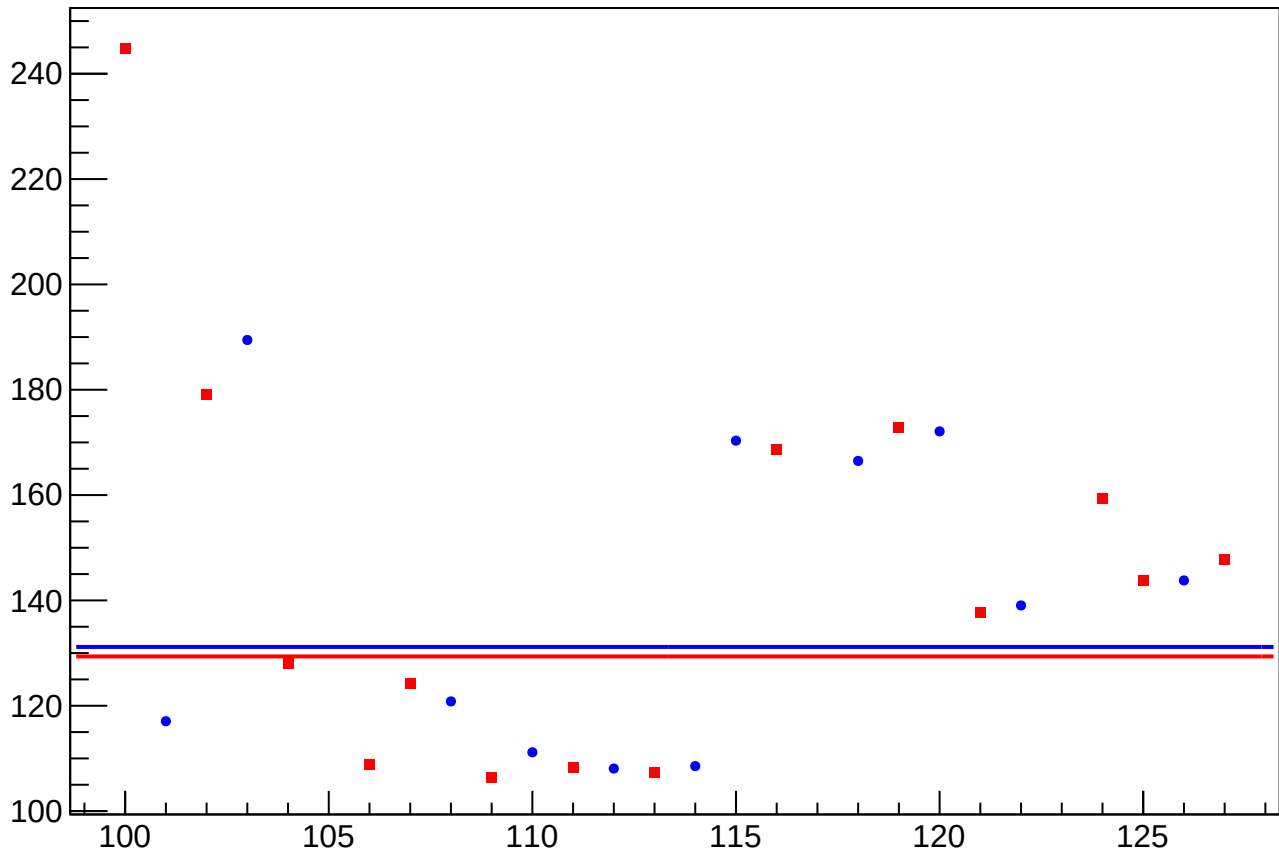
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -60.598+/-42.369 χ^2/NDF : 22.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_48_avg_rms vs Slug



Right In: 131.165+/-0.045 χ^2/NDF : 327629.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.360+/-0.040 χ^2/NDF : 410447.2/13

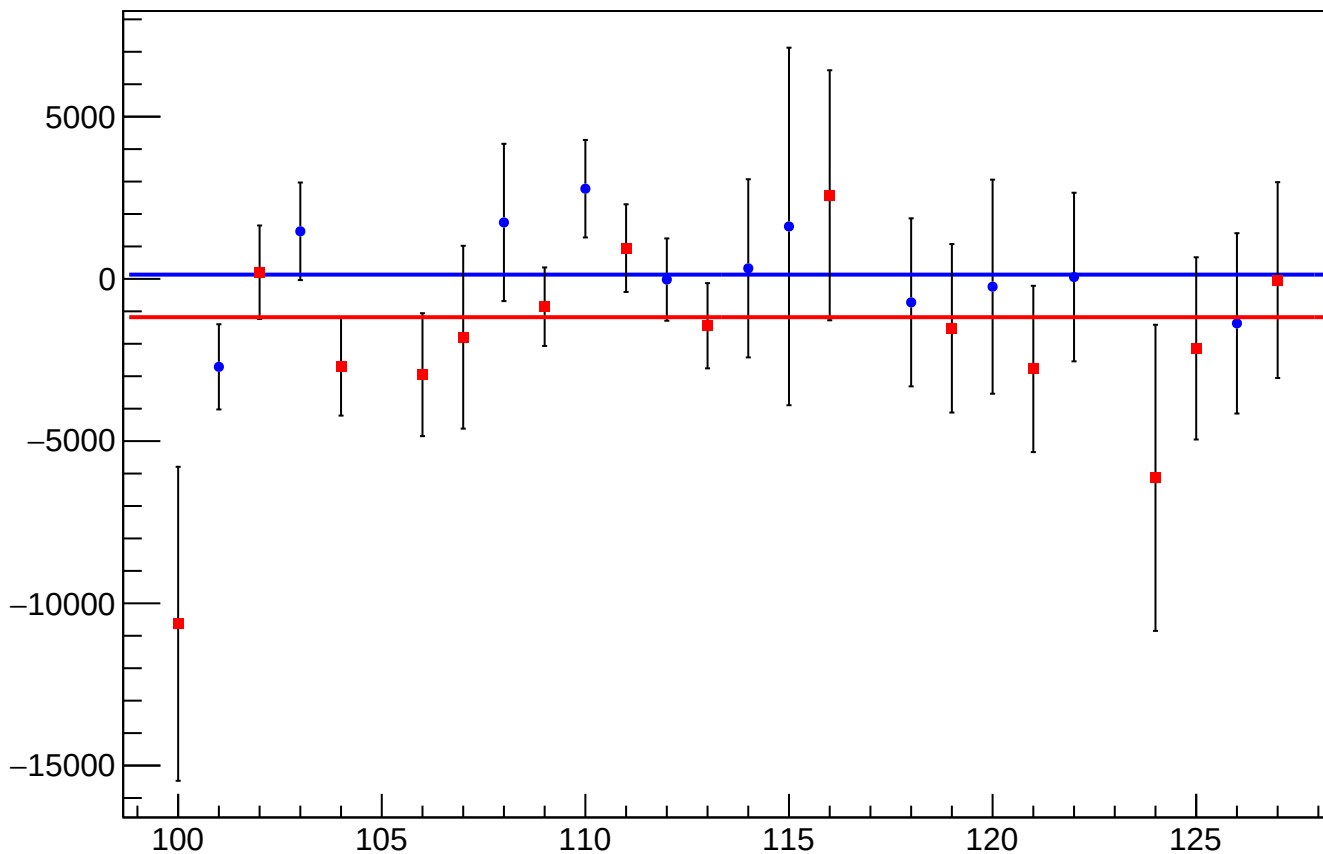
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.166+/-0.030 χ^2/NDF : 738973.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_cor_correction_mean vs Slug



Right In: 131.529+/-583.073 χ^2/NDF : 9.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1180.195+/-511.038 χ^2/NDF : 12.0/13

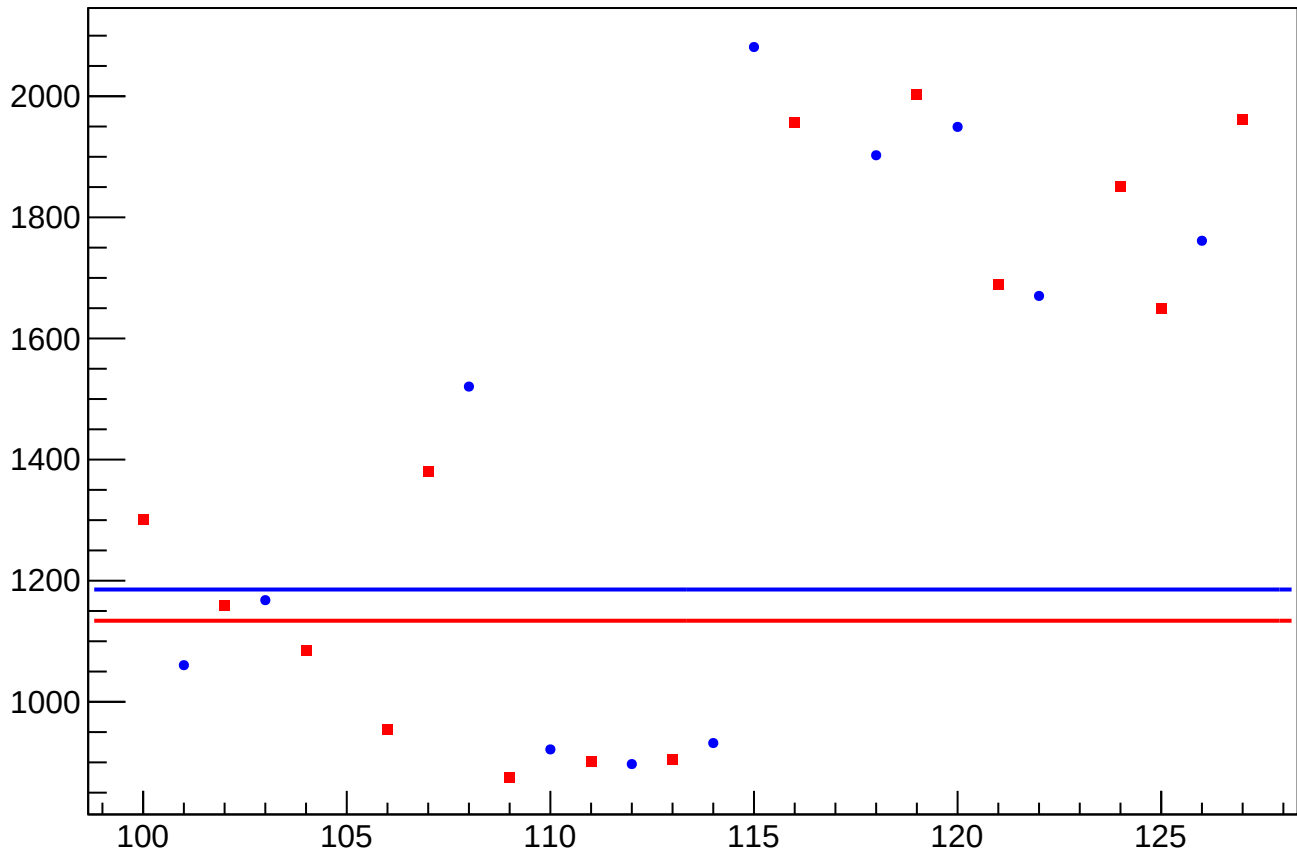
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -610.323+/-384.318 χ^2/NDF : 24.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_cor_correction_rms vs Slug



Right In: 1185.458+/-0.412 χ^2/NDF : 707613.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

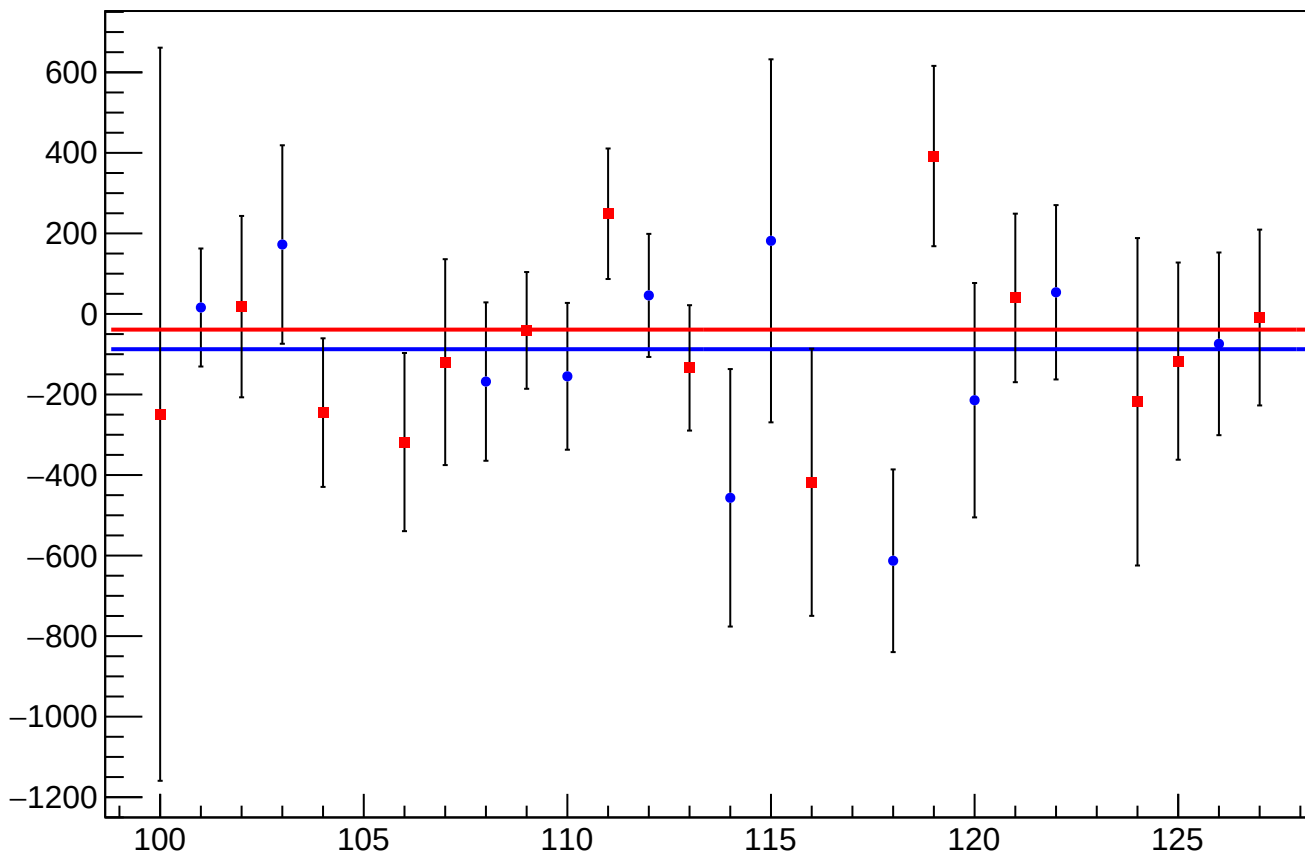
Right Out: 1133.906+/-0.361 χ^2/NDF : 922937.1/13

All: 1156.302+/-0.272 χ^2/NDF : 1639392.4/24

- 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_sam_48_avg_mean vs Slug



Right In: -87.549 $\pm$ 63.434 χ^2 /NDF: 10.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -38.889 $\pm$ 56.930 χ^2 /NDF: 12.1/13

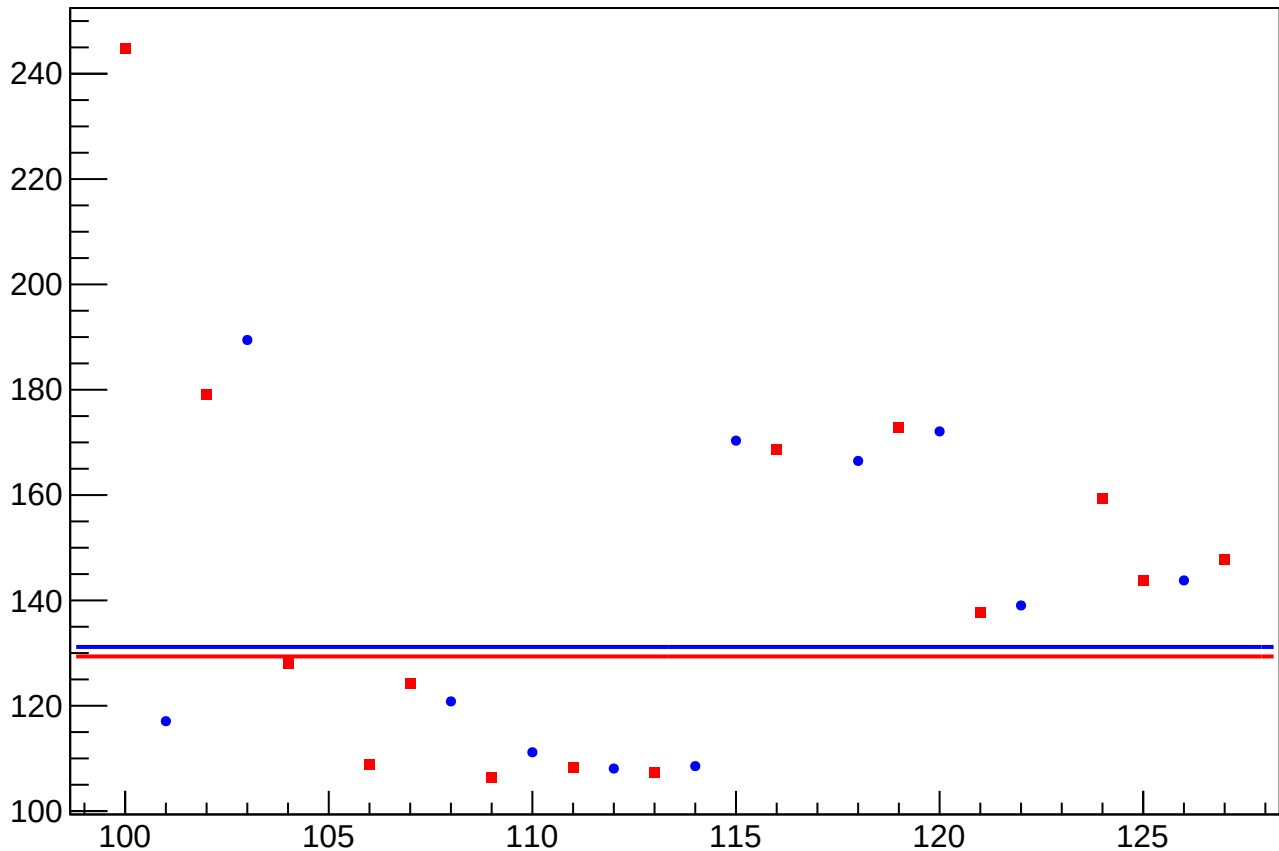
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -60.598 $\pm$ 42.369 χ^2 /NDF: 22.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_48_avg_rms vs Slug



Right In: 131.165+/-0.045 χ^2/NDF : 327629.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.360+/-0.040 χ^2/NDF : 410447.2/13

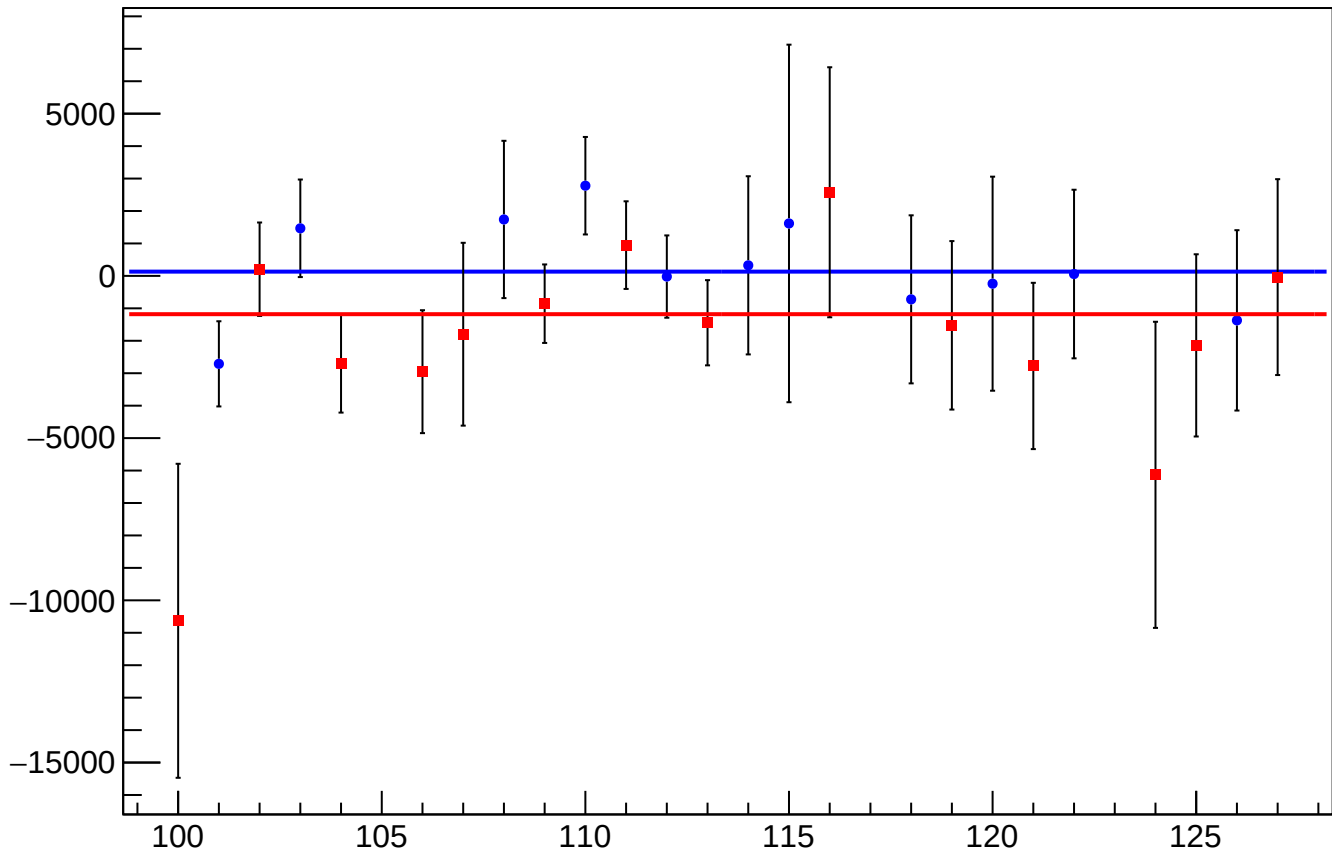
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.166+/-0.030 χ^2/NDF : 738973.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_eigen_cor_correction_mean vs Slug



Right In: 131.529+/-583.073 χ^2/NDF : 9.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1180.195+/-511.038 χ^2/NDF : 12.0/13

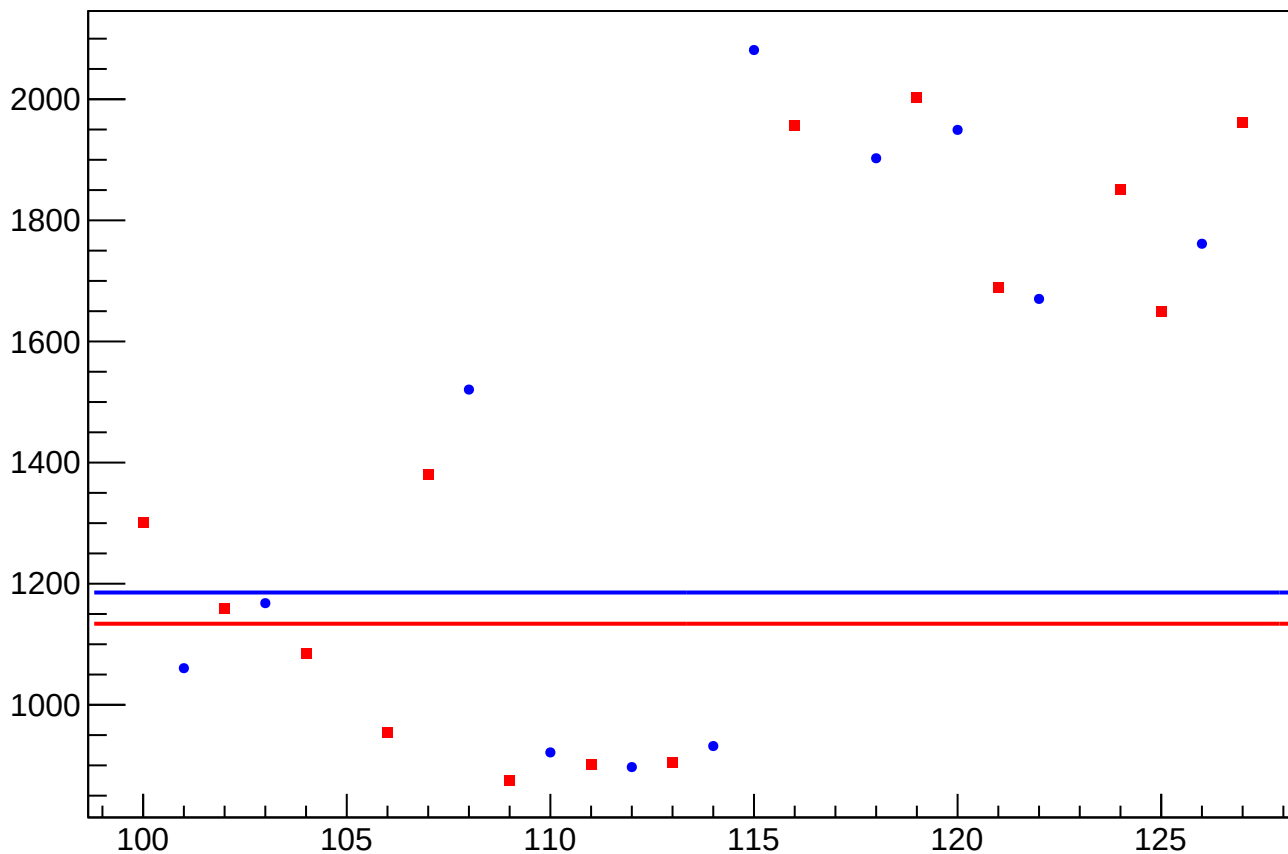
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -610.323+/-384.318 χ^2/NDF : 24.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_eigen_cor_correction_rms vs Slug



Right In: 1185.458+/-0.412 χ^2/NDF : 707613.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1133.906+/-0.361 χ^2/NDF : 922937.1/13

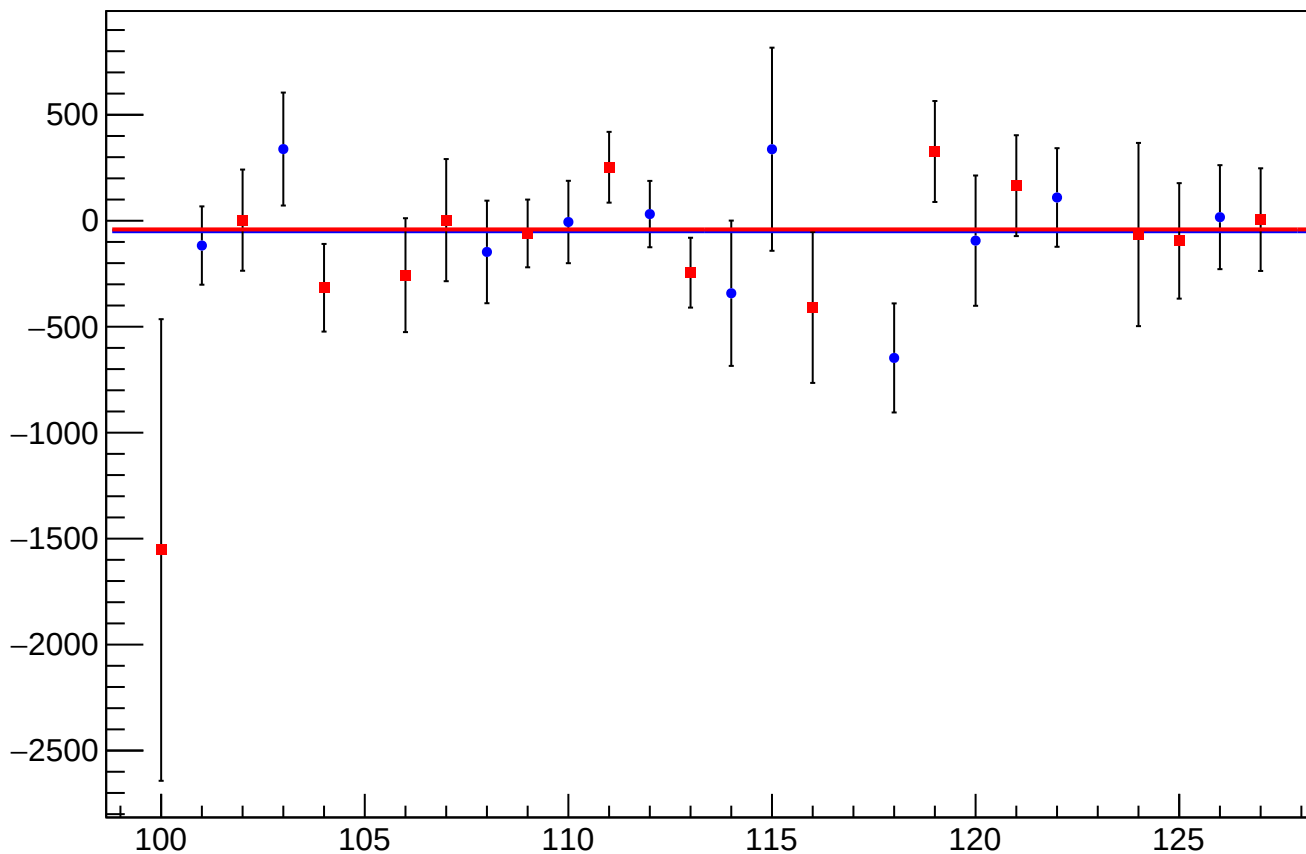
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1156.302+/-0.272 χ^2/NDF : 1639392.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_avg_mean vs Slug



Right In: -49.402 ± 70.477 χ^2/NDF : 10.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -40.885 ± 62.195 χ^2/NDF : 13.3/13

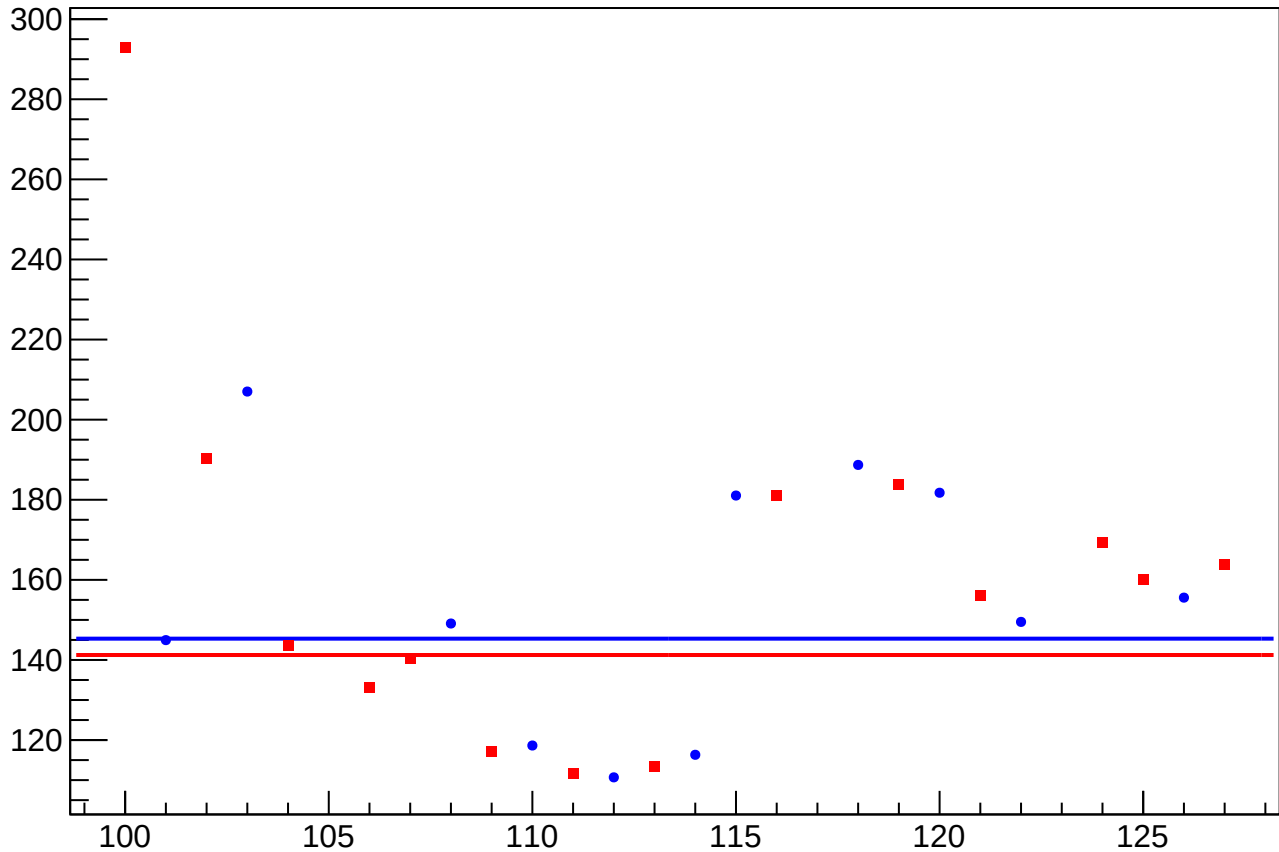
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -44.614 ± 46.633 χ^2/NDF : 23.4/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_avg_rms vs Slug



Right In: 145.321+/-0.050 χ^2/NDF : 357713.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 141.237+/-0.044 χ^2/NDF : 423196.5/13

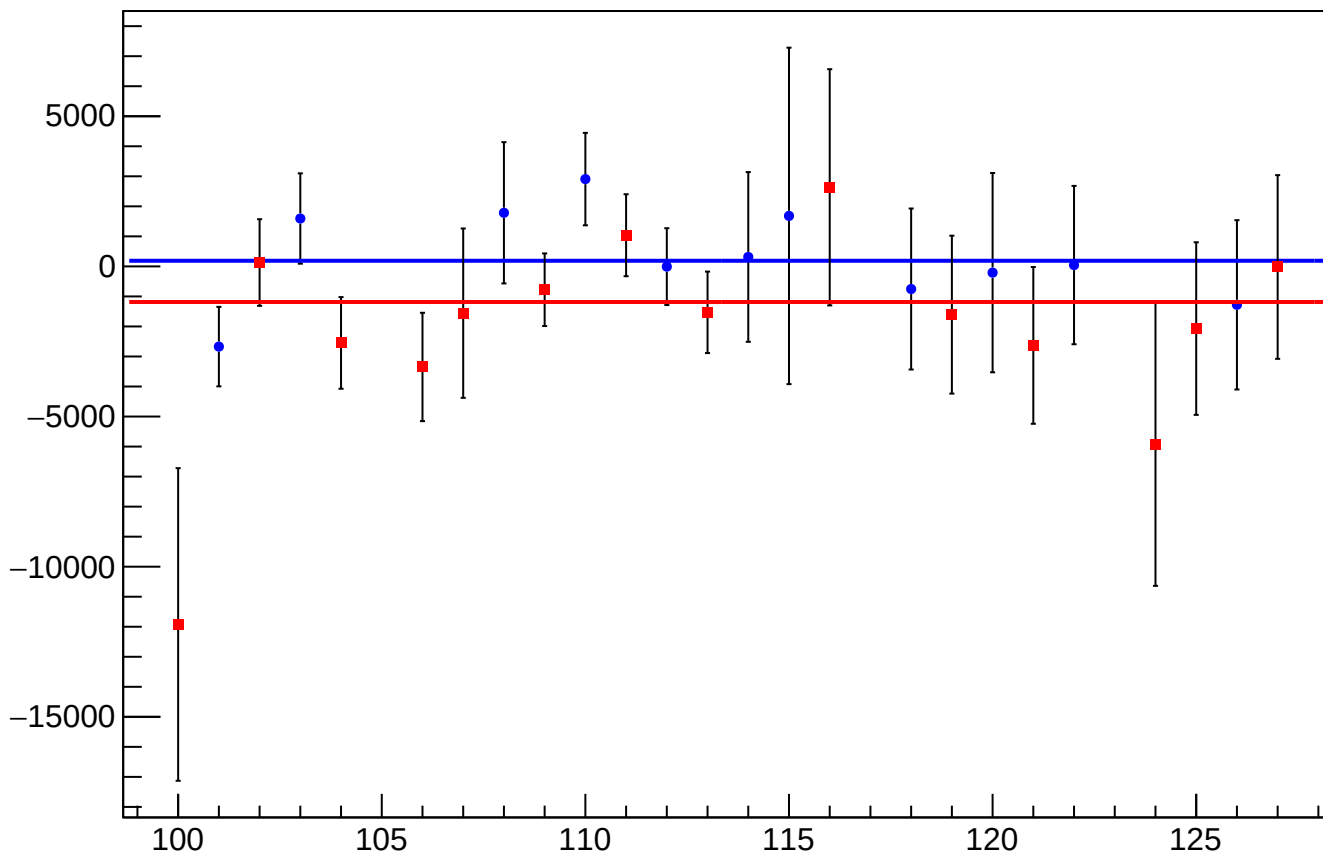
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.025+/-0.033 χ^2/NDF : 784685.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_dit_correction_mean vs Slug



Right In: 187.400+/-588.931 χ^2/NDF : 9.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1185.061+/-514.852 χ^2/NDF : 12.7/13

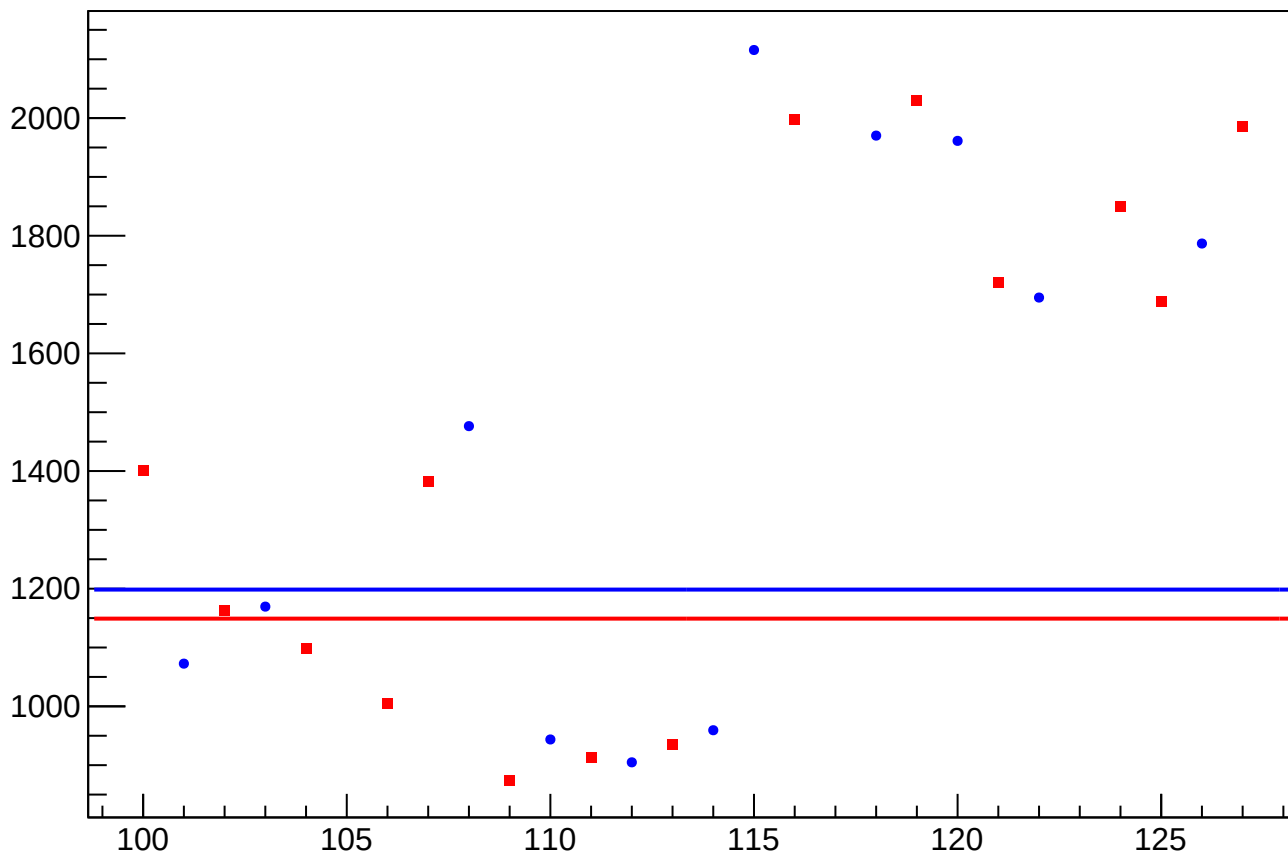
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -590.528+/-387.616 χ^2/NDF : 25.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_dit_correction_rms vs Slug



Right In: 1198.473+/-0.416 χ^2/NDF : 704206.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

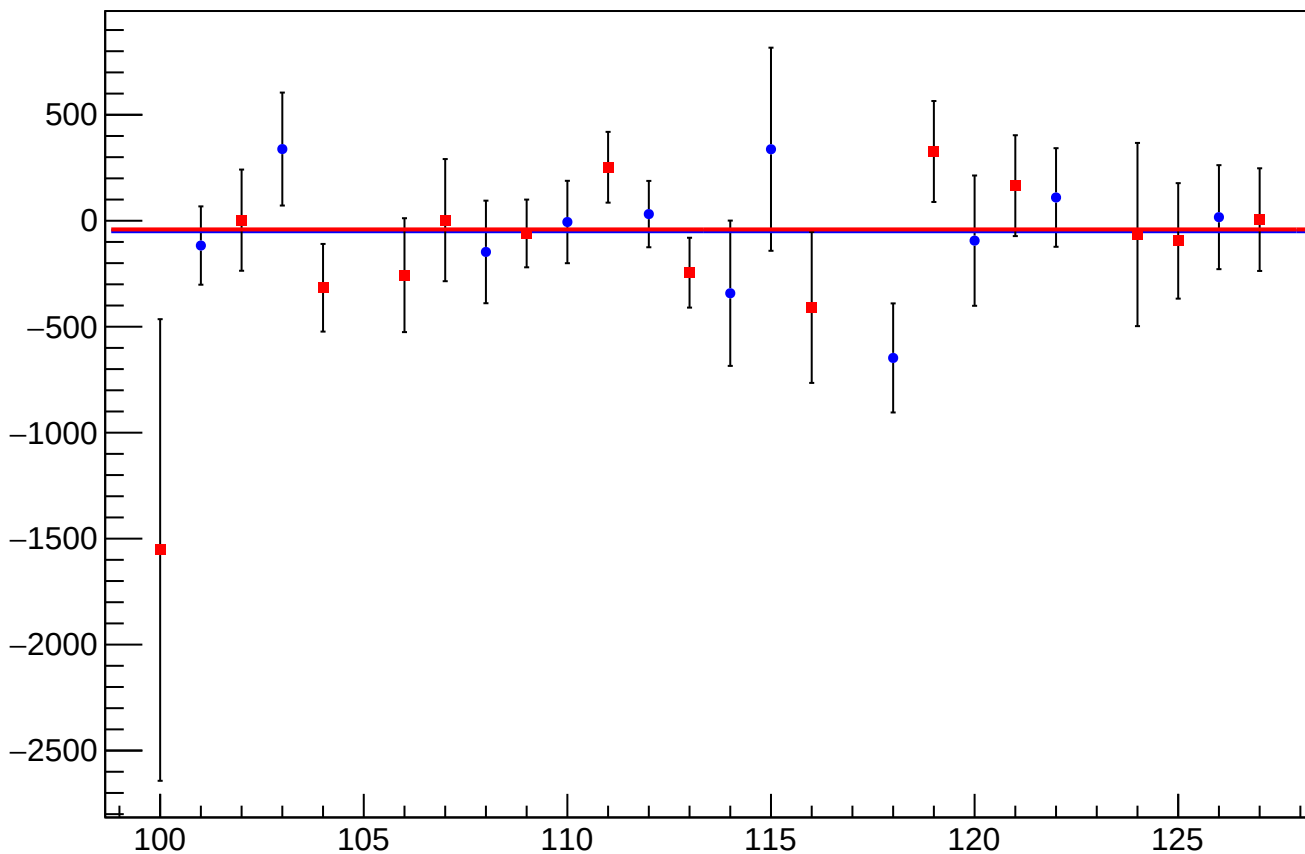
Right Out: 1149.102+/-0.364 χ^2/NDF : 923861.9/13

All: 1170.489+/-0.274 χ^2/NDF : 1636034.6/24

- 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_sam_48_avg_mean vs Slug



Right In: -49.402 ± 70.477 χ^2/NDF : 10.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -40.884 ± 62.195 χ^2/NDF : 13.3/13

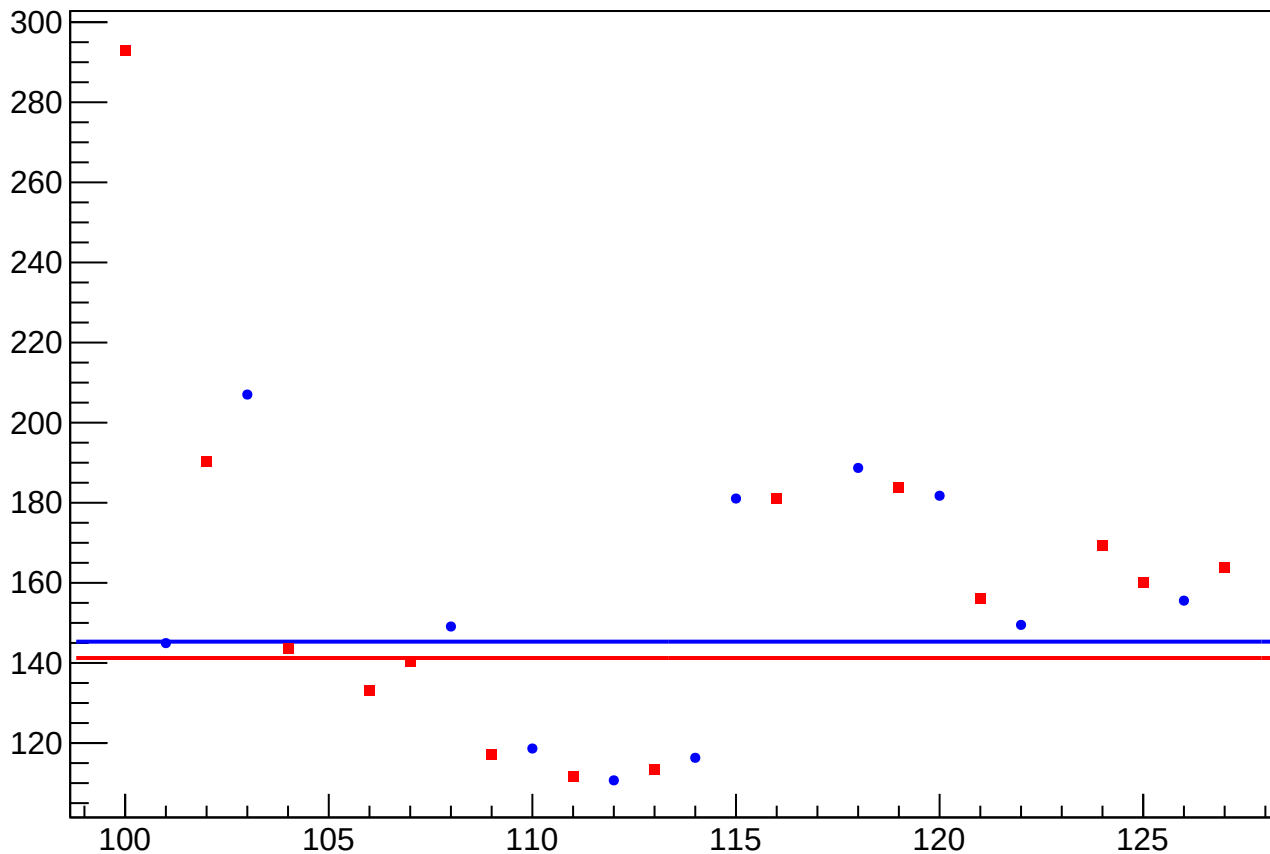
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -44.613 ± 46.633 χ^2/NDF : 23.4/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_48_avg_rms vs Slug



Right In: 145.321+/-0.050 χ^2/NDF : 357717.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

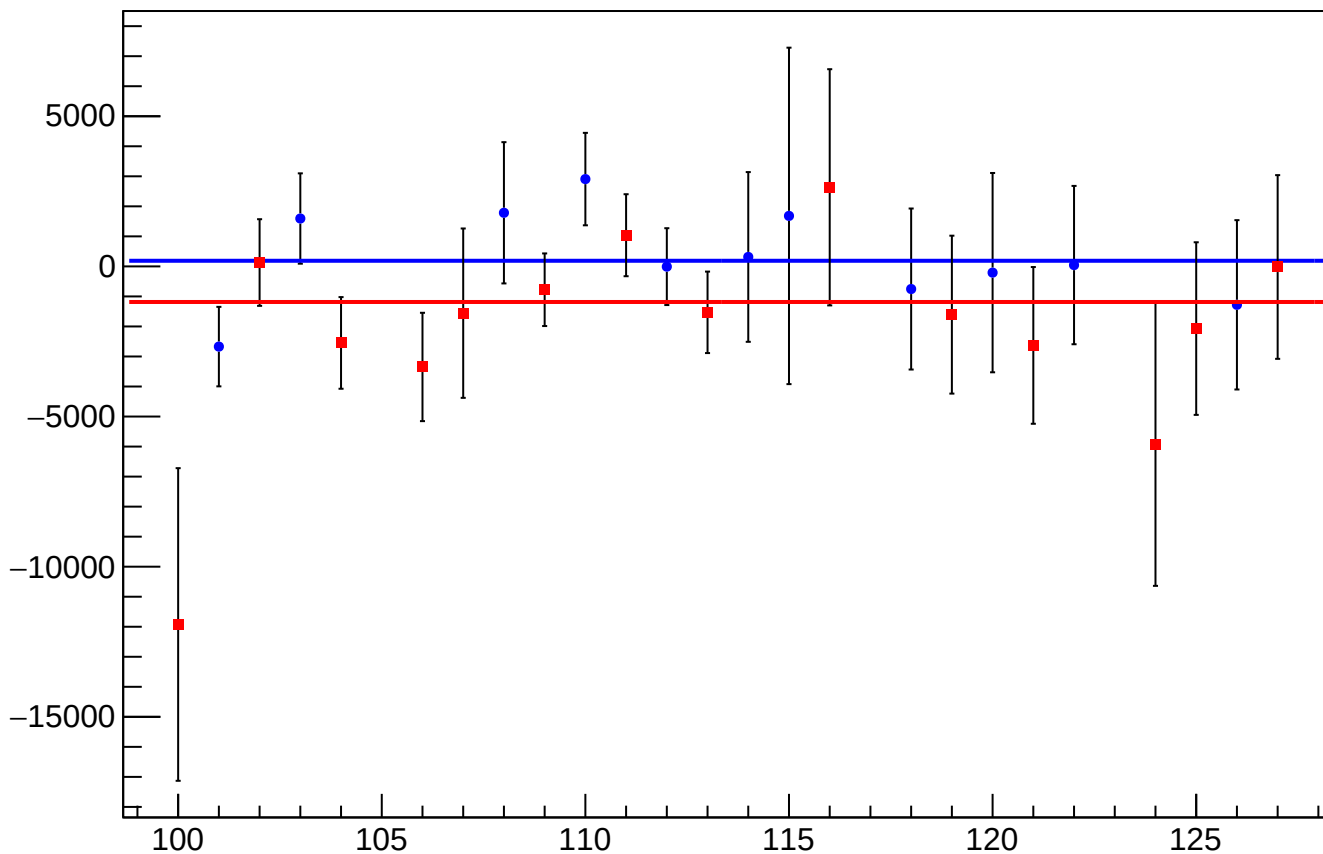
Right Out: 141.237+/-0.044 χ^2/NDF : 423197.8/13

All: 143.025+/-0.033 χ^2/NDF : 784691.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_eigen_dit_correction_mean vs Slug



Right In: 187.400+/-588.930 χ^2/NDF : 9.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1185.060+/-514.851 χ^2/NDF : 12.7/13

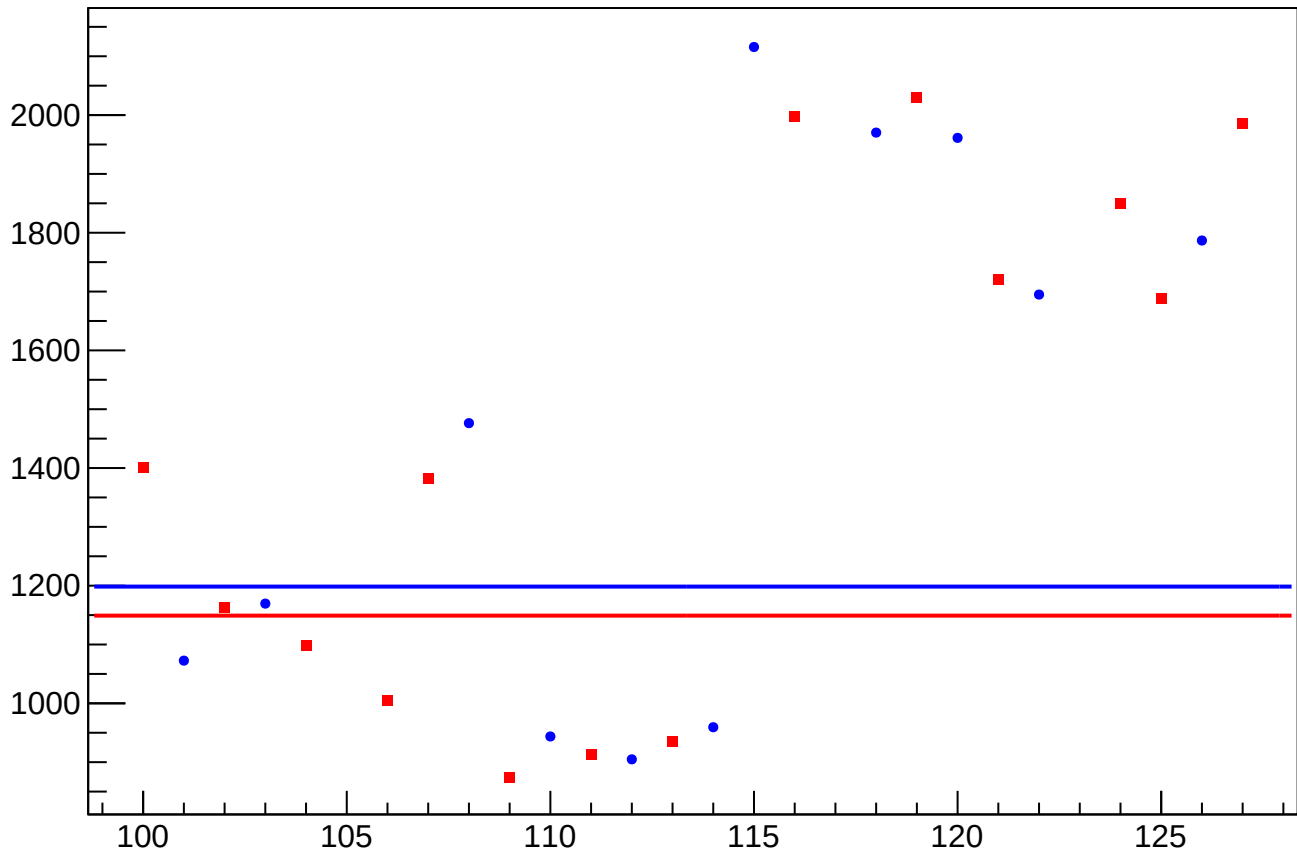
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -590.527+/-387.616 χ^2/NDF : 25.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_eigen_dit_correction_rms vs Slug



Right In: 1198.472+/-0.416 χ^2/NDF : 704208.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

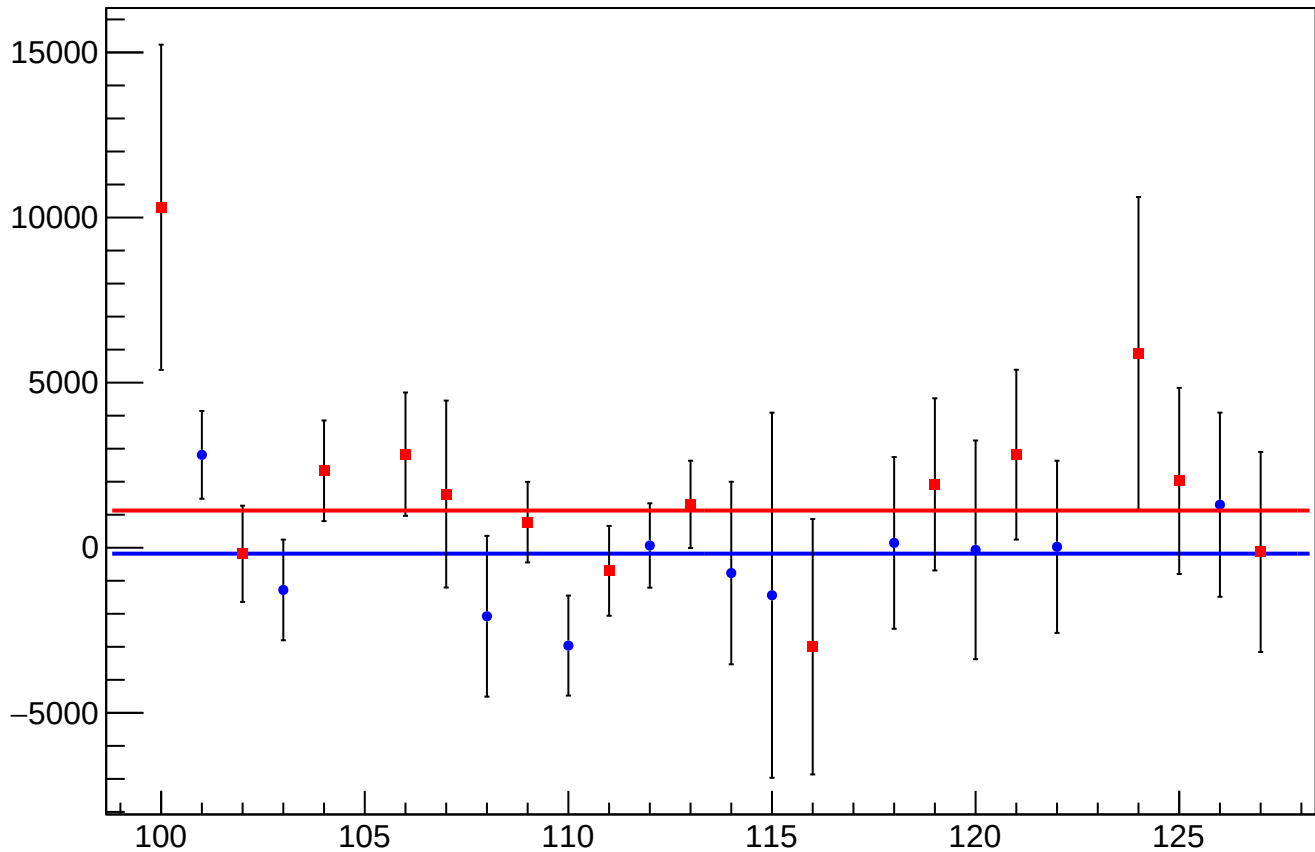
Right Out: 1149.101+/-0.364 χ^2/NDF : 923864.2/13

All: 1170.488+/-0.274 χ^2/NDF : 1636039.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_mean vs Slug



Right In: -178.733+/-587.993 χ^2/NDF : 10.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1126.787+/-514.110 χ^2/NDF : 10.6/13

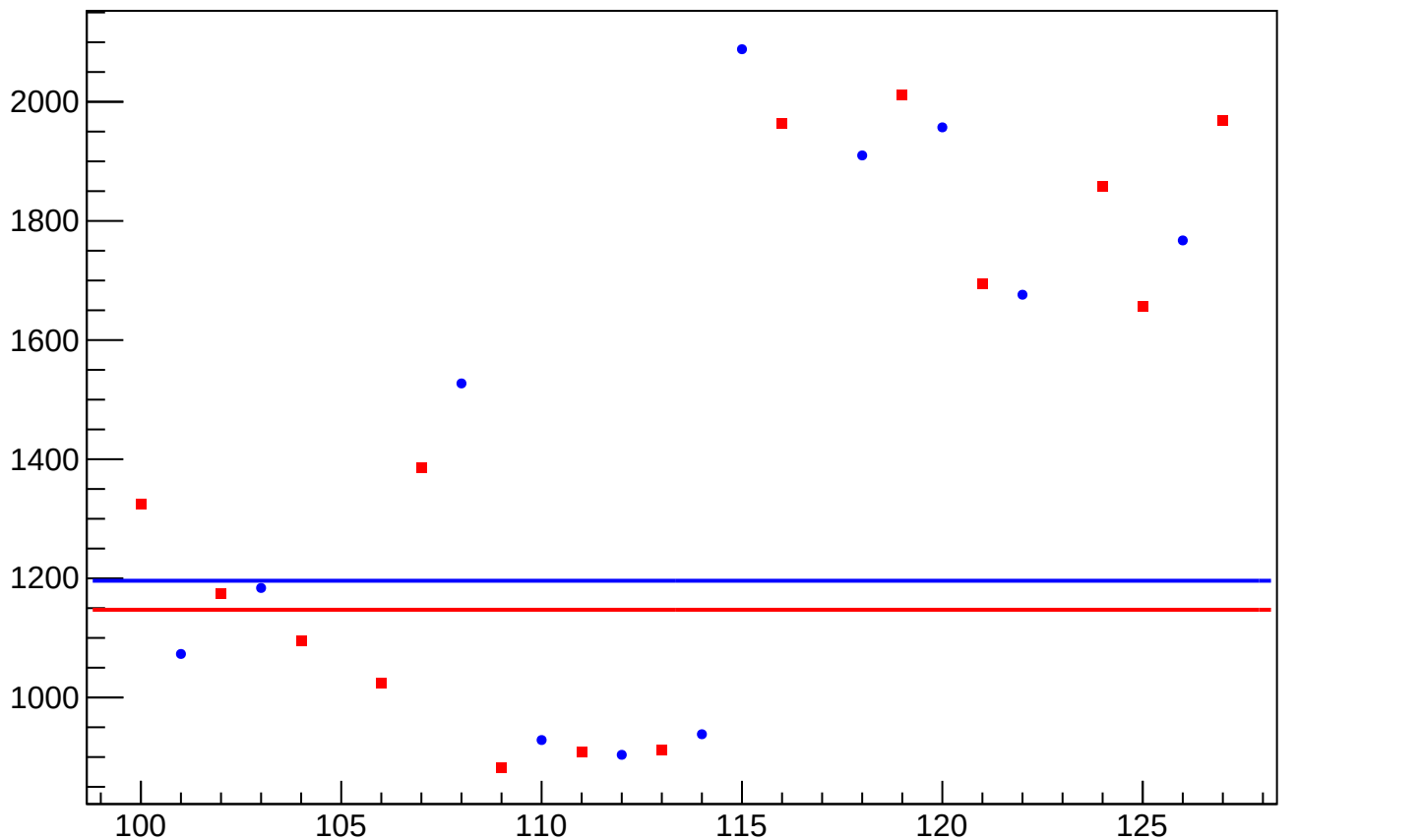
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 561.155+/-387.033 χ^2/NDF : 23.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_rms vs Slug



Right In: 1195.981+/-0.416 χ^2/NDF : 698909.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1147.249+/-0.364 χ^2/NDF : 904873.8/13

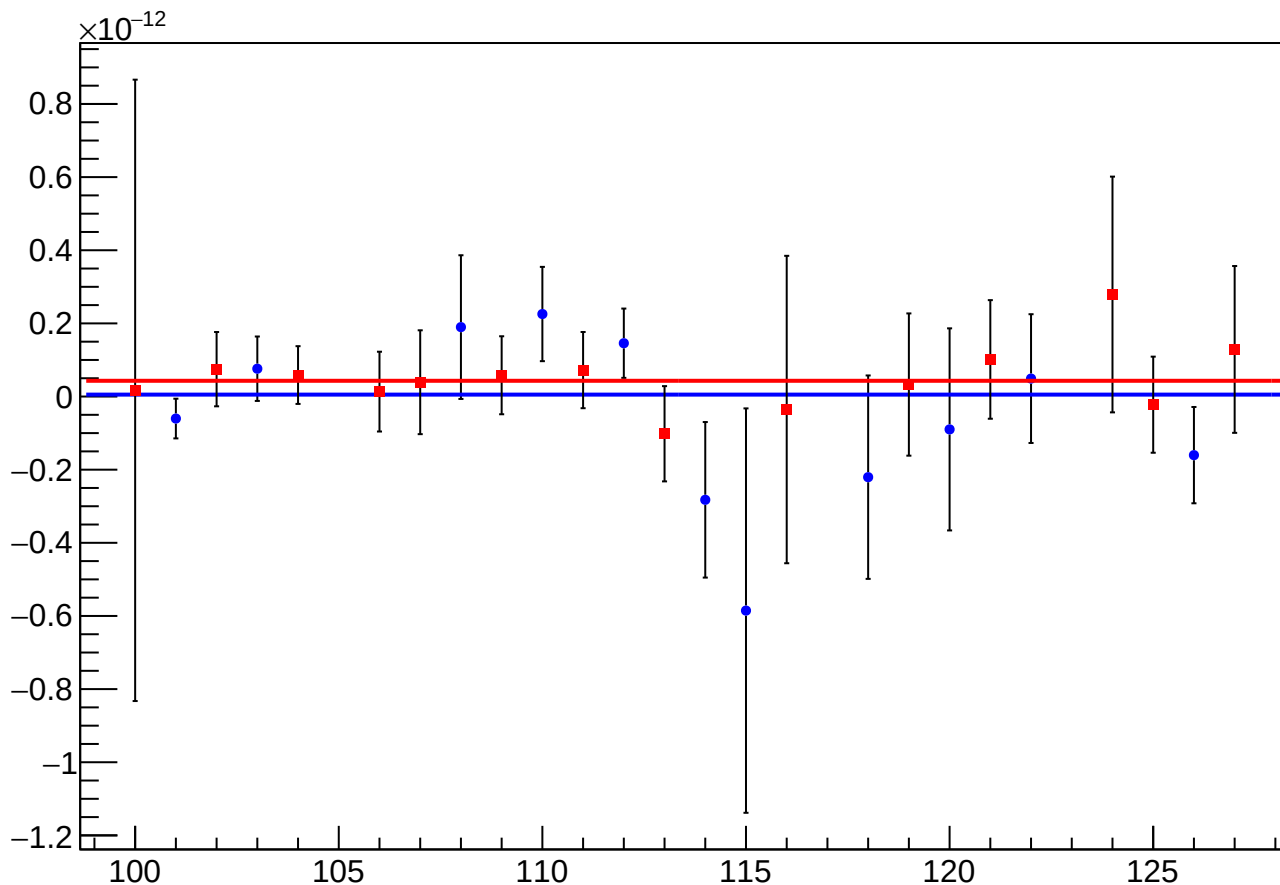
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1168.363+/-0.274 χ^2/NDF : 1611569.2/24

- 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: 13.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.6/13

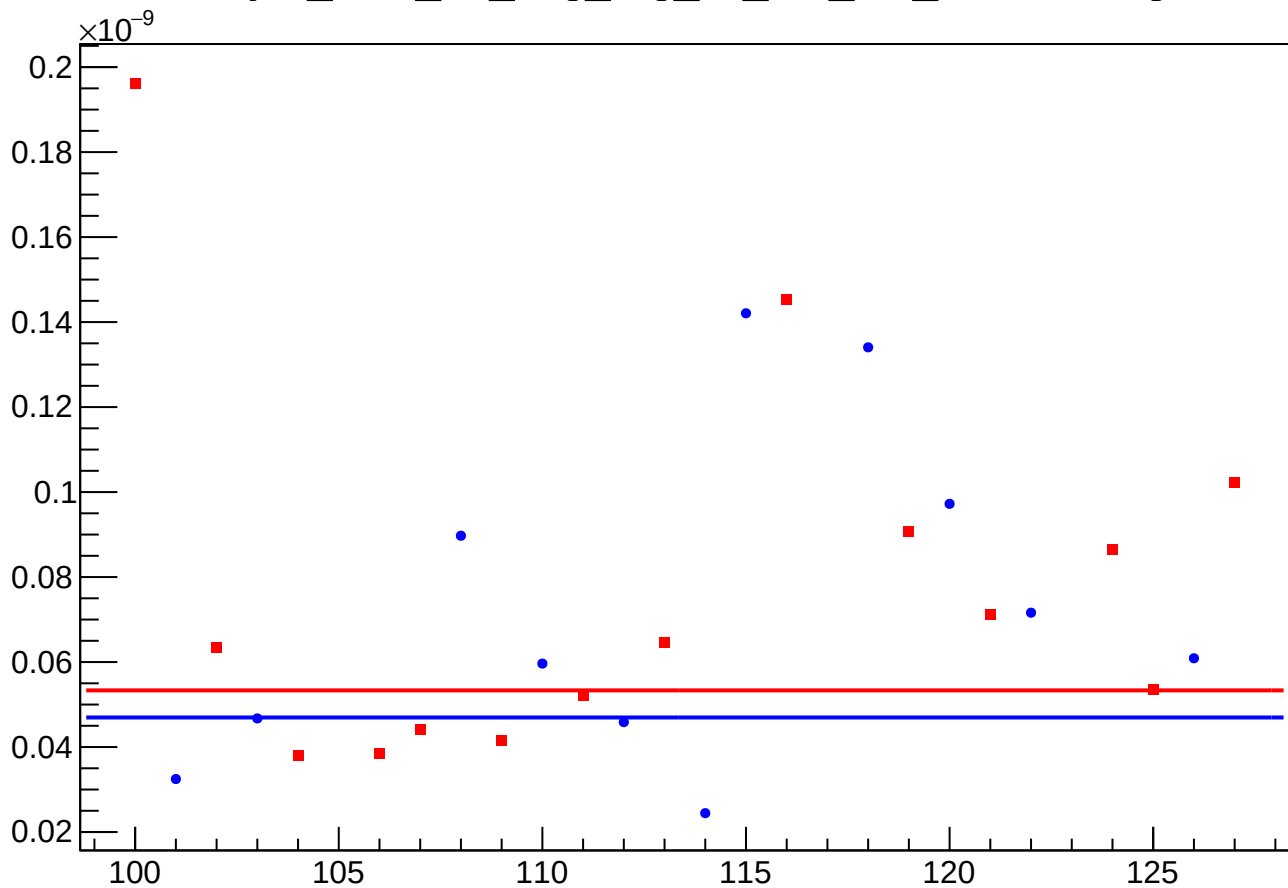
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.7/24

- 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 : 662451.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 543557.7/13

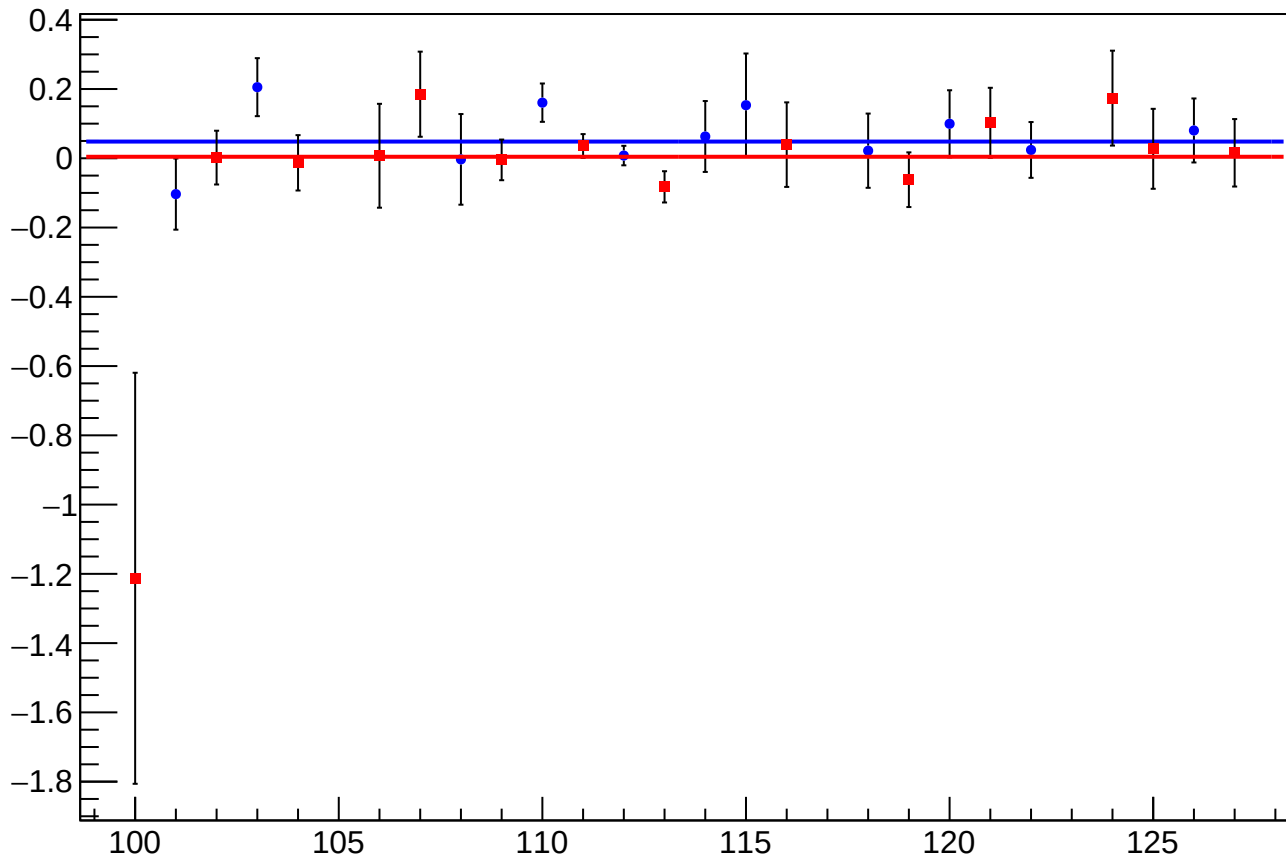
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1238463.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.048 $\pm$ 0.020 χ^2 /NDF: 13.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.004 $\pm$ 0.020 χ^2 /NDF: 14.3/13

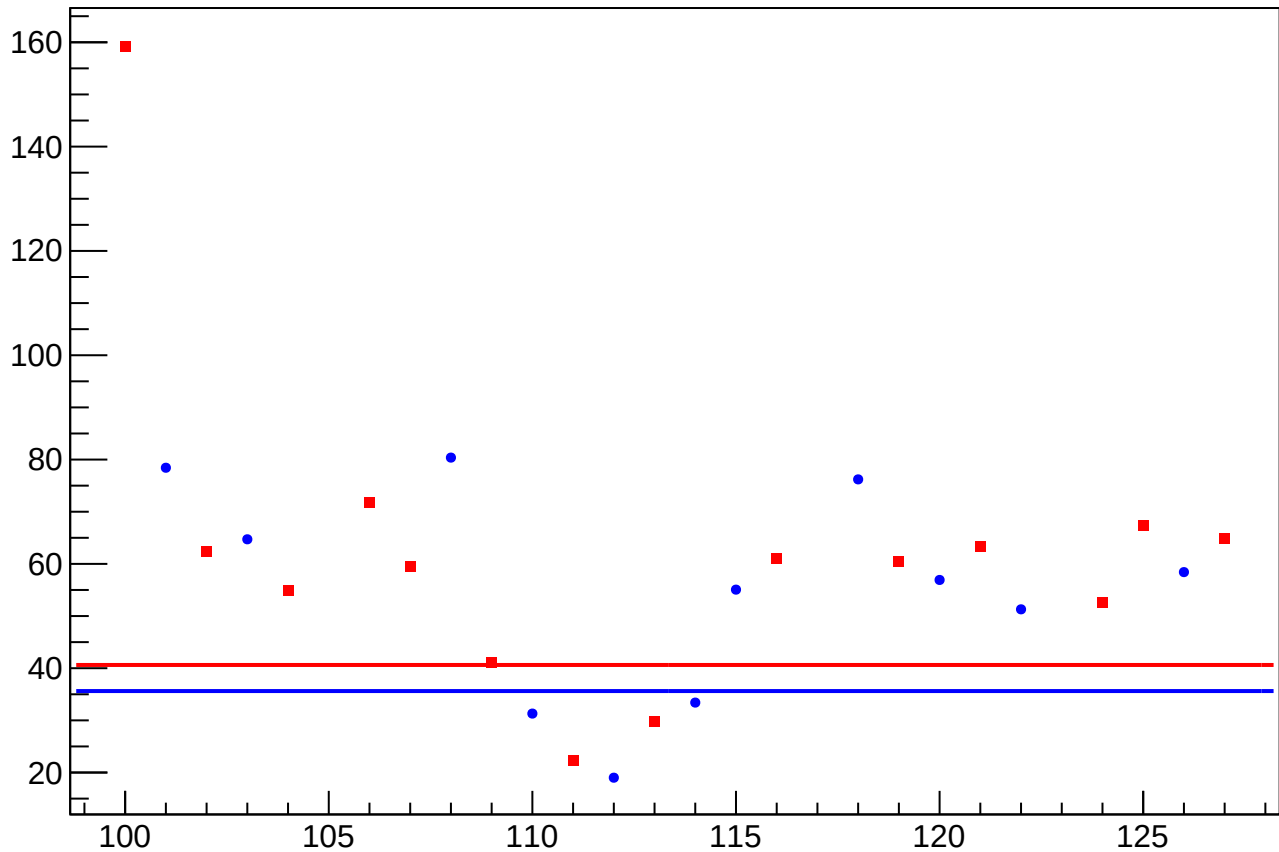
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.026 $\pm$ 0.014 χ^2 /NDF: 29.8/24

- 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: 35.620+/-0.014 χ^2/NDF : 2146925.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.621+/-0.014 χ^2/NDF : 1652358.9/13

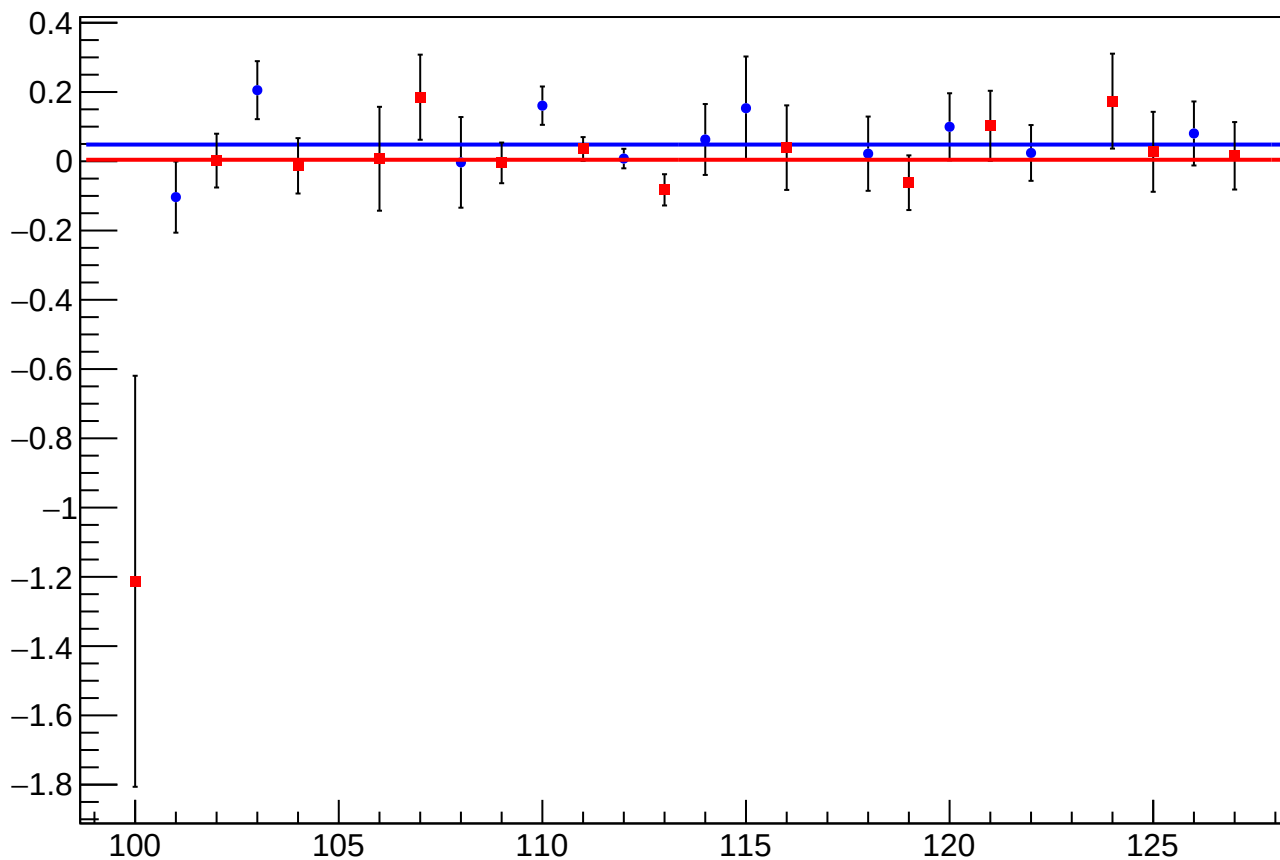
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.187+/-0.010 χ^2/NDF : 3863194.7/24

- 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: 0.048 $\pm$ 0.020 χ^2 /NDF: 13.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.004 $\pm$ 0.020 χ^2 /NDF: 14.3/13

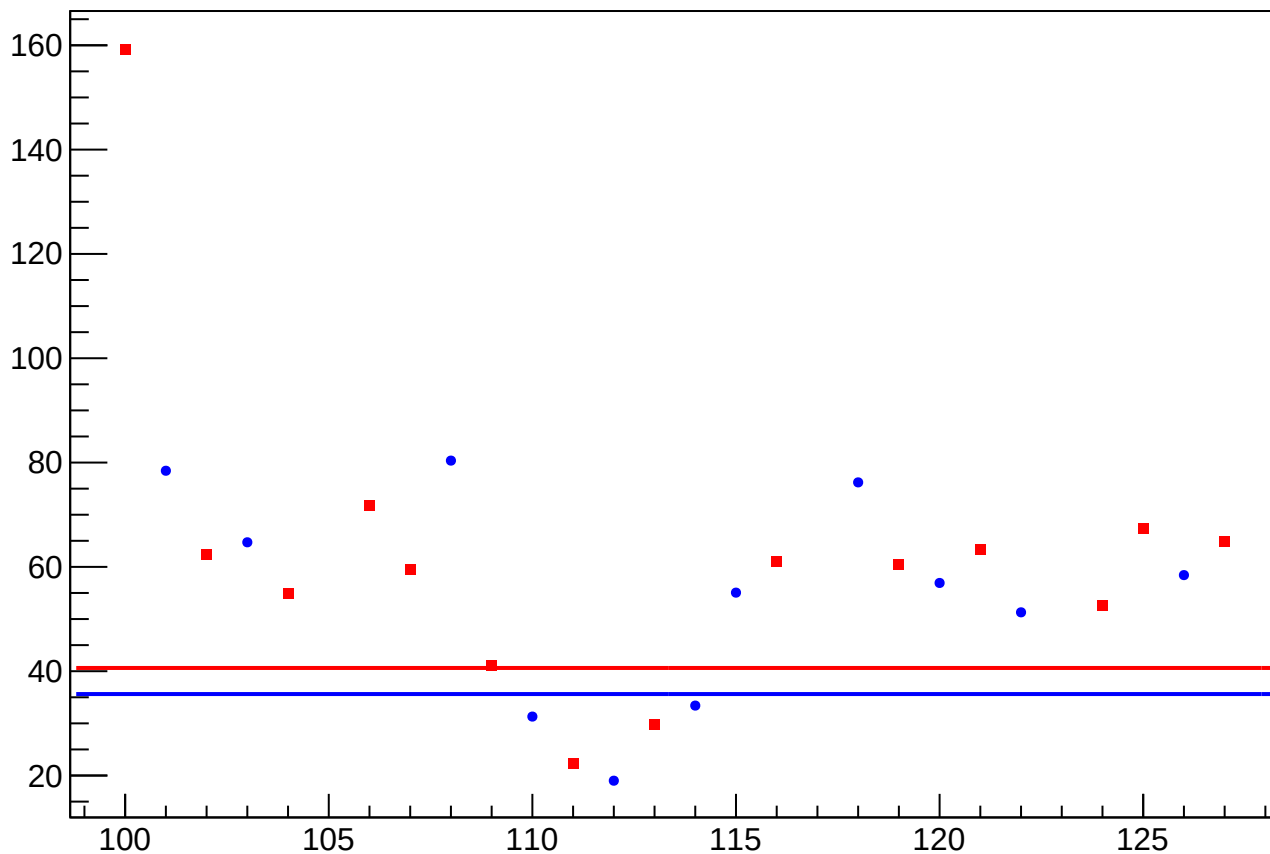
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.026 $\pm$ 0.014 χ^2 /NDF: 29.8/24

- 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: 35.620+/-0.014 χ^2/NDF : 2146925.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.621+/-0.014 χ^2/NDF : 1652358.9/13

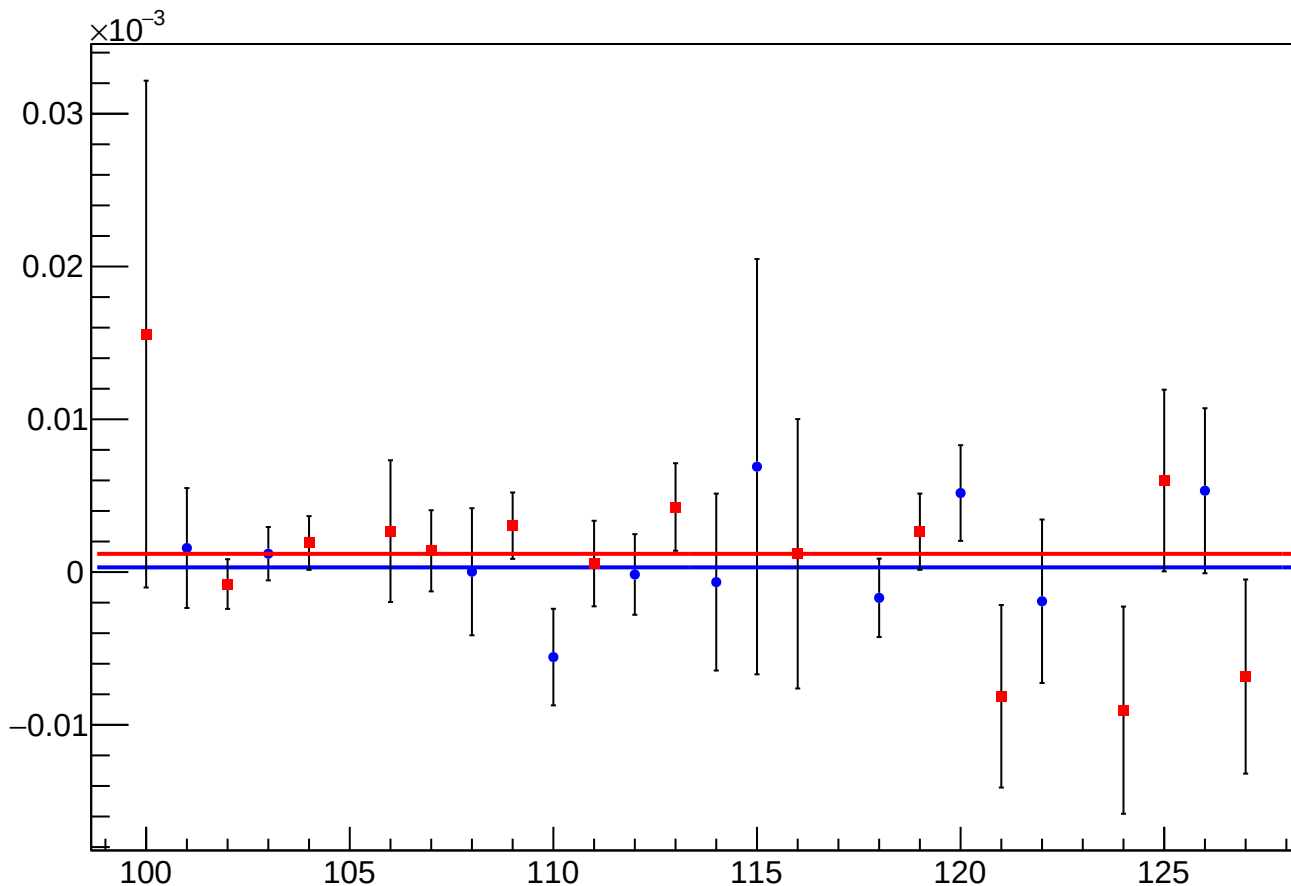
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.187+/-0.010 χ^2/NDF : 3863194.7/24

- 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: 8.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.7/13

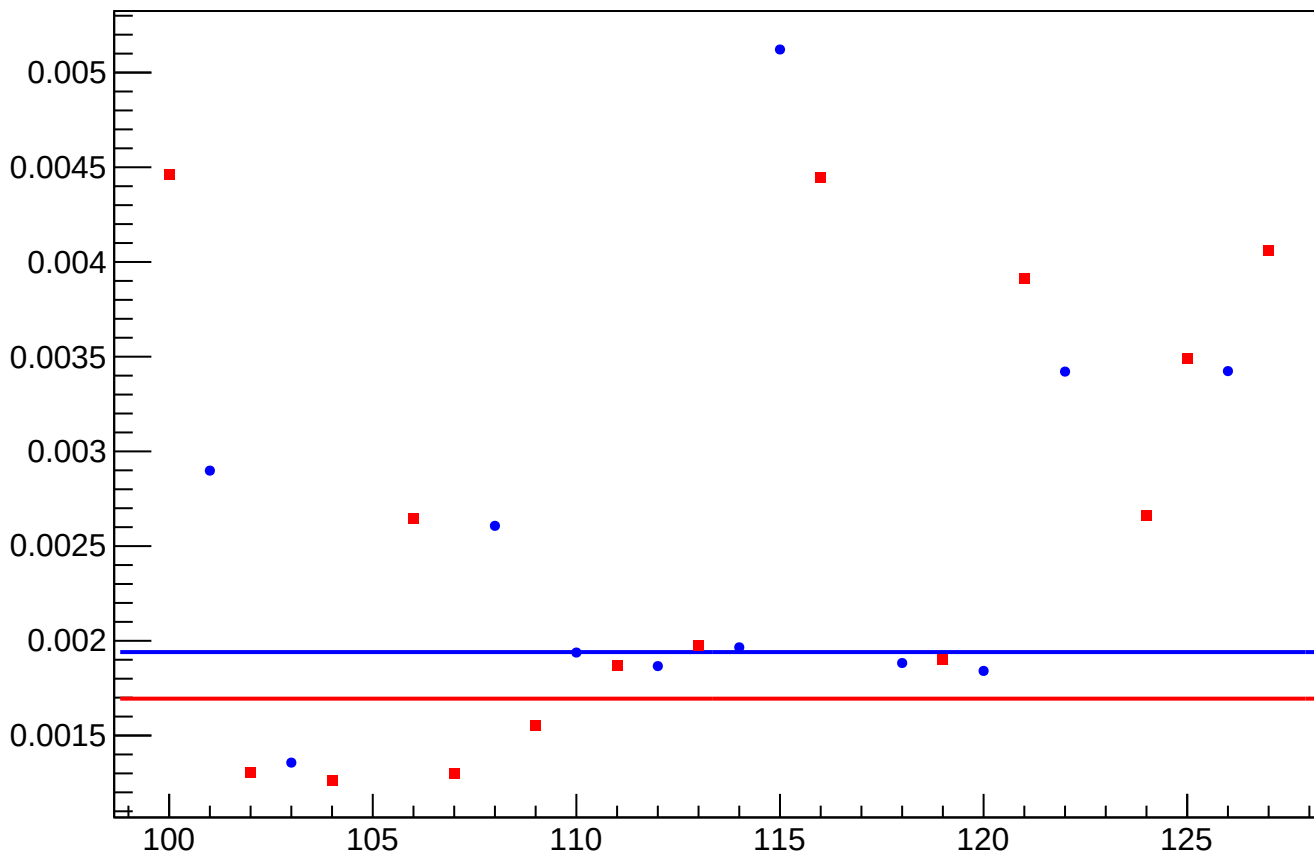
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 20.4/24

- 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 : 812260.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1439765.5/13

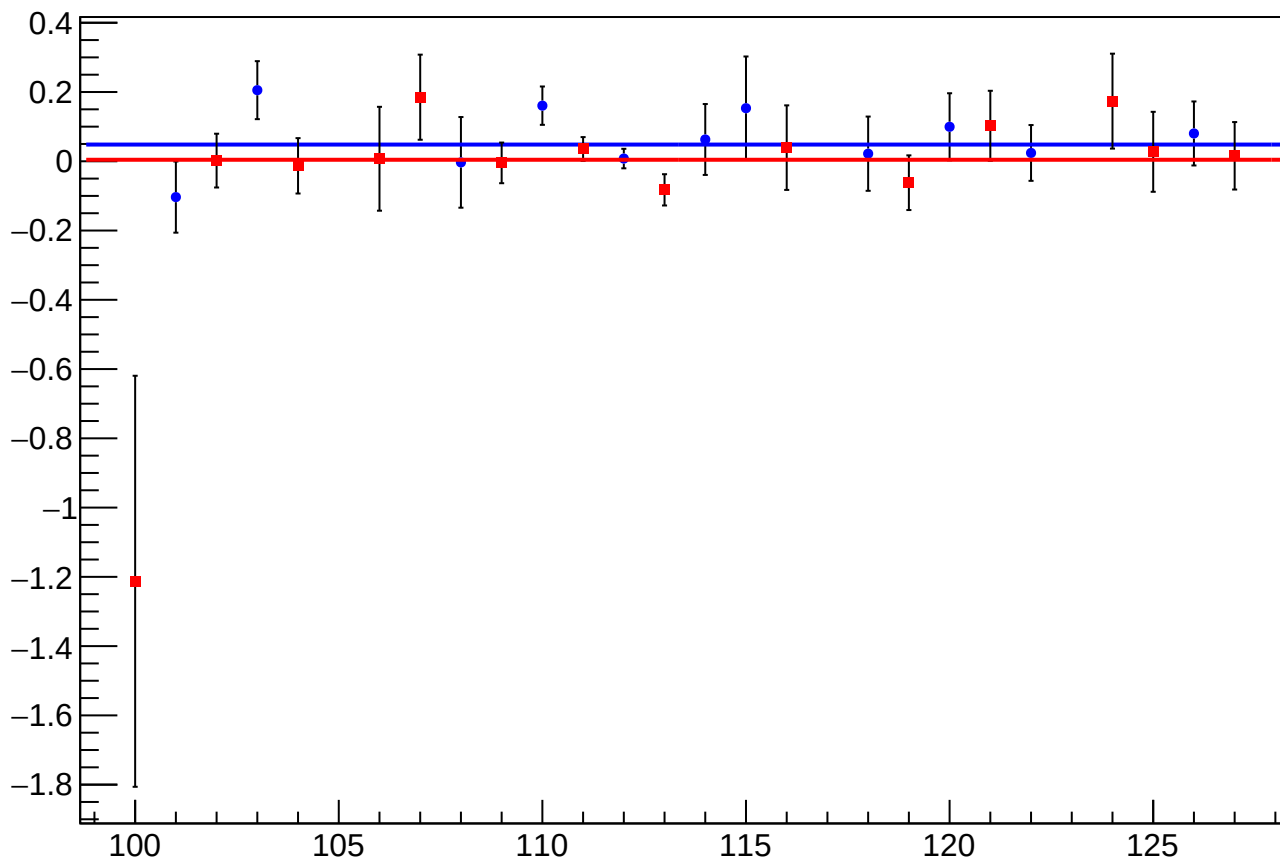
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2329357.5/24

- 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: 0.048 $\pm$ 0.020 χ^2 /NDF: 13.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.004 $\pm$ 0.020 χ^2 /NDF: 14.3/13

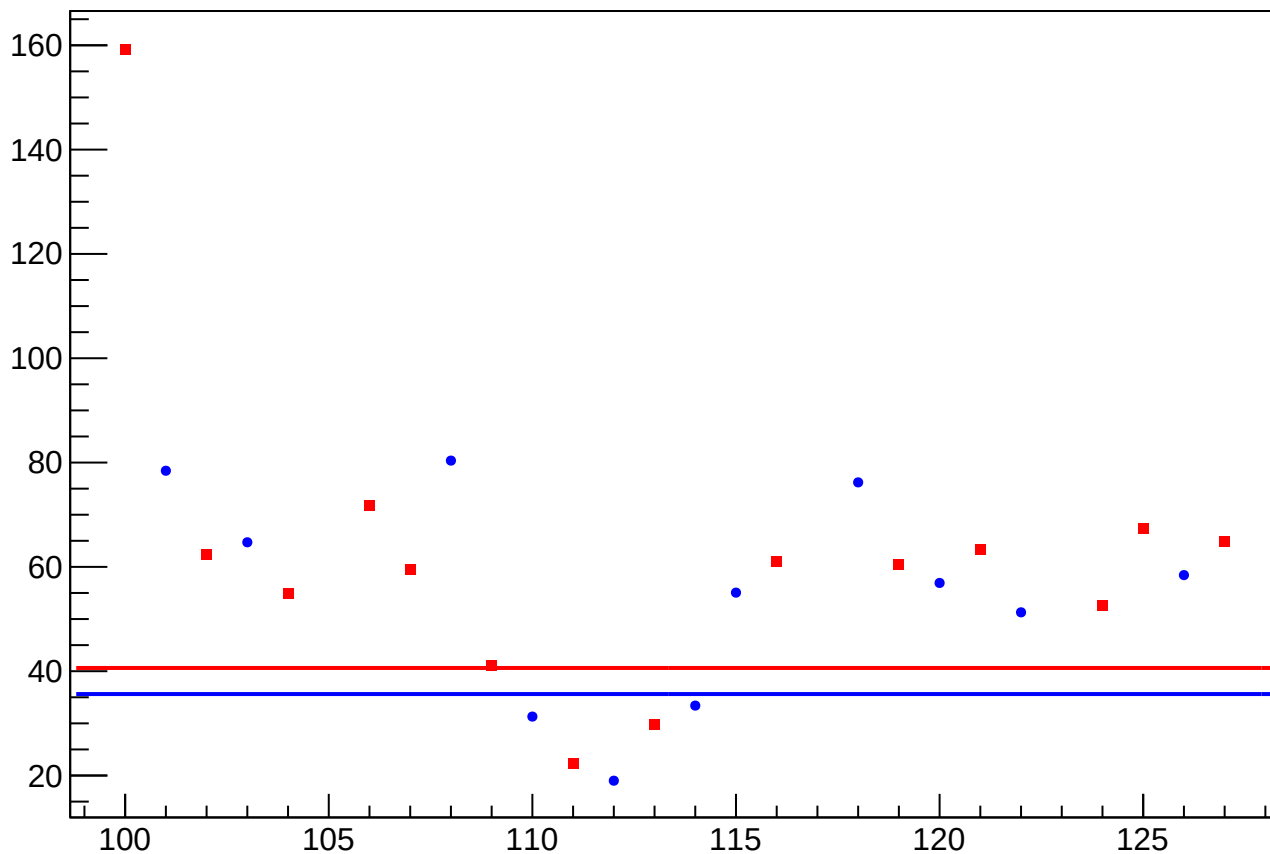
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.026 $\pm$ 0.014 χ^2 /NDF: 29.8/24

- 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: 35.619+/-0.014 χ^2/NDF : 2147042.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.620+/-0.014 χ^2/NDF : 1652481.5/13

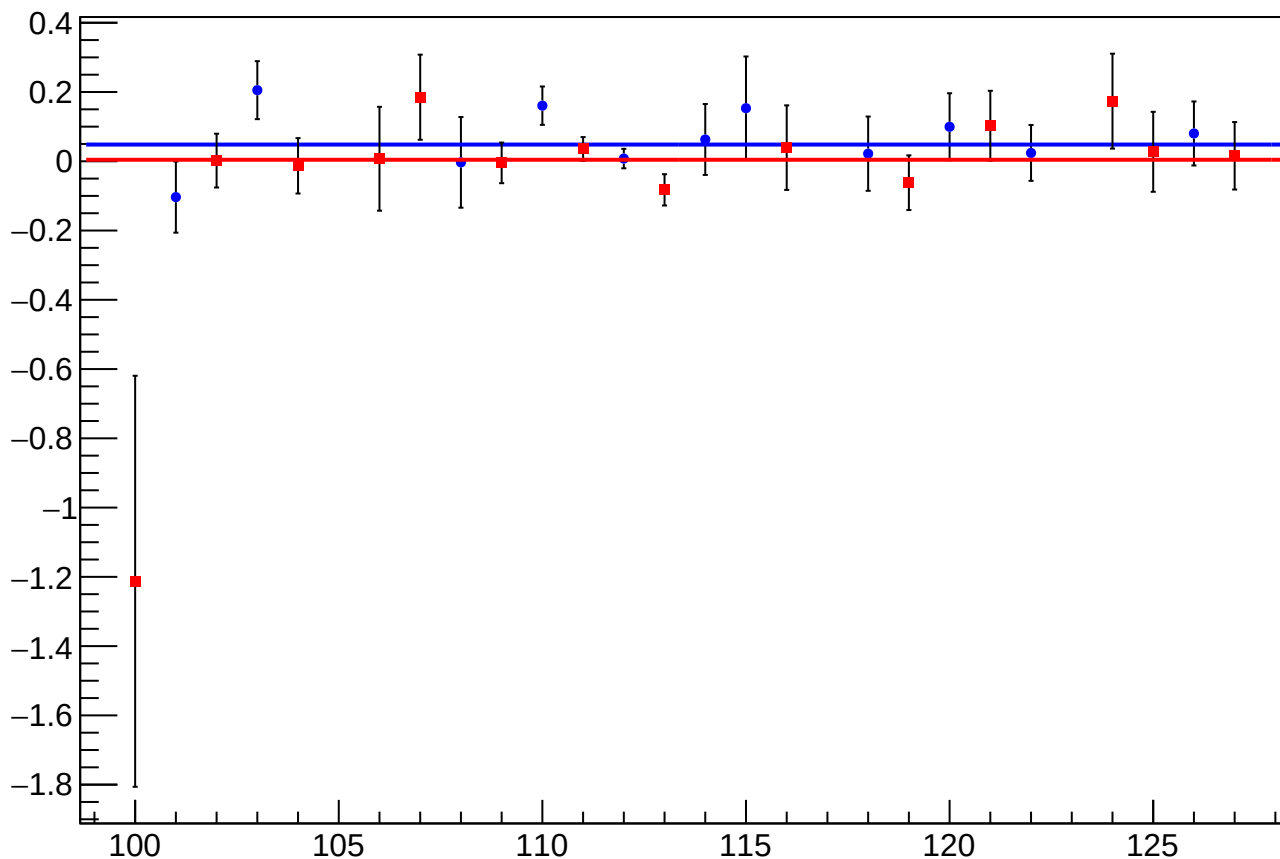
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.186+/-0.010 χ^2/NDF : 3863436.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.048 $\pm$ 0.020 χ^2 /NDF: 13.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.004 $\pm$ 0.020 χ^2 /NDF: 14.3/13

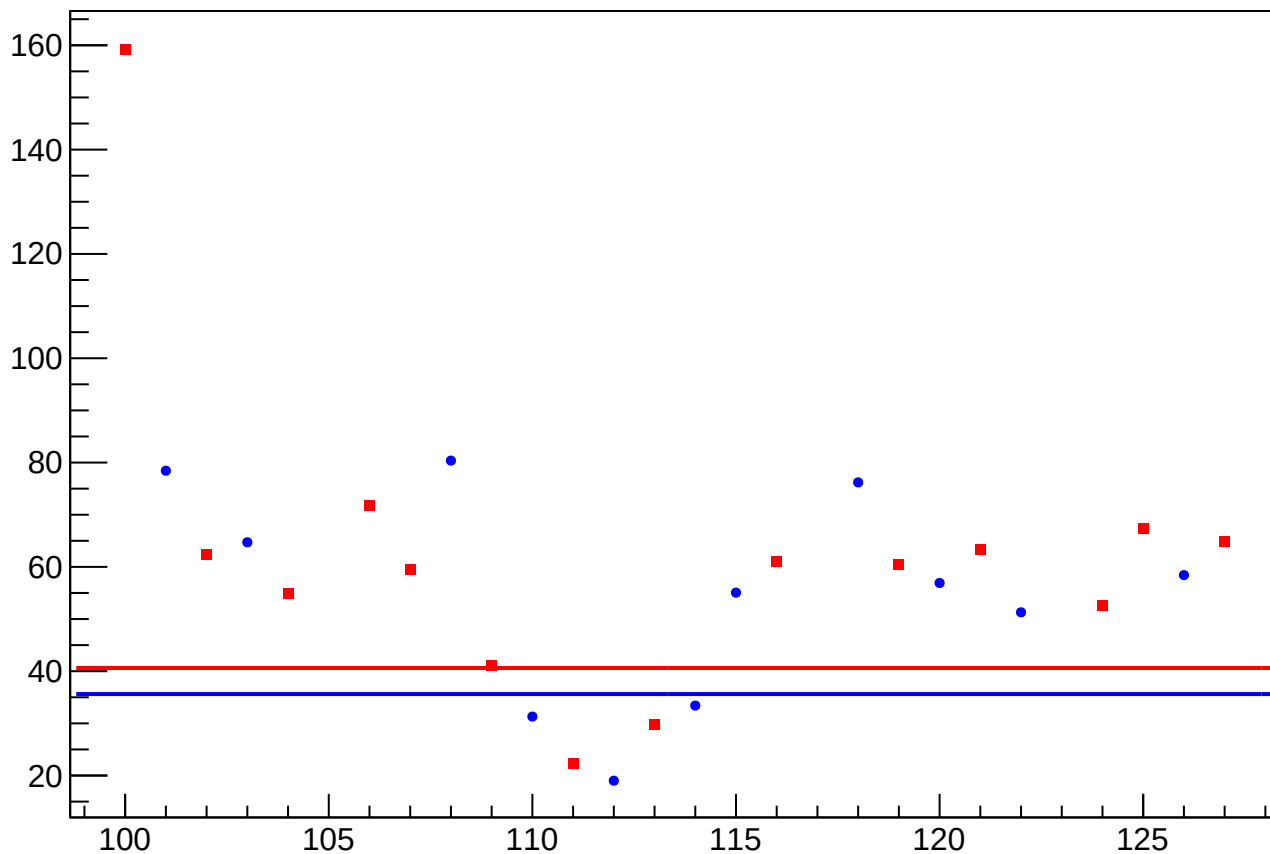
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.026 $\pm$ 0.014 χ^2 /NDF: 29.8/24

- 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: 35.619 $\pm$ 0.014 χ^2 /NDF: 2147042.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 40.620 $\pm$ 0.014 χ^2 /NDF: 1652481.5/13

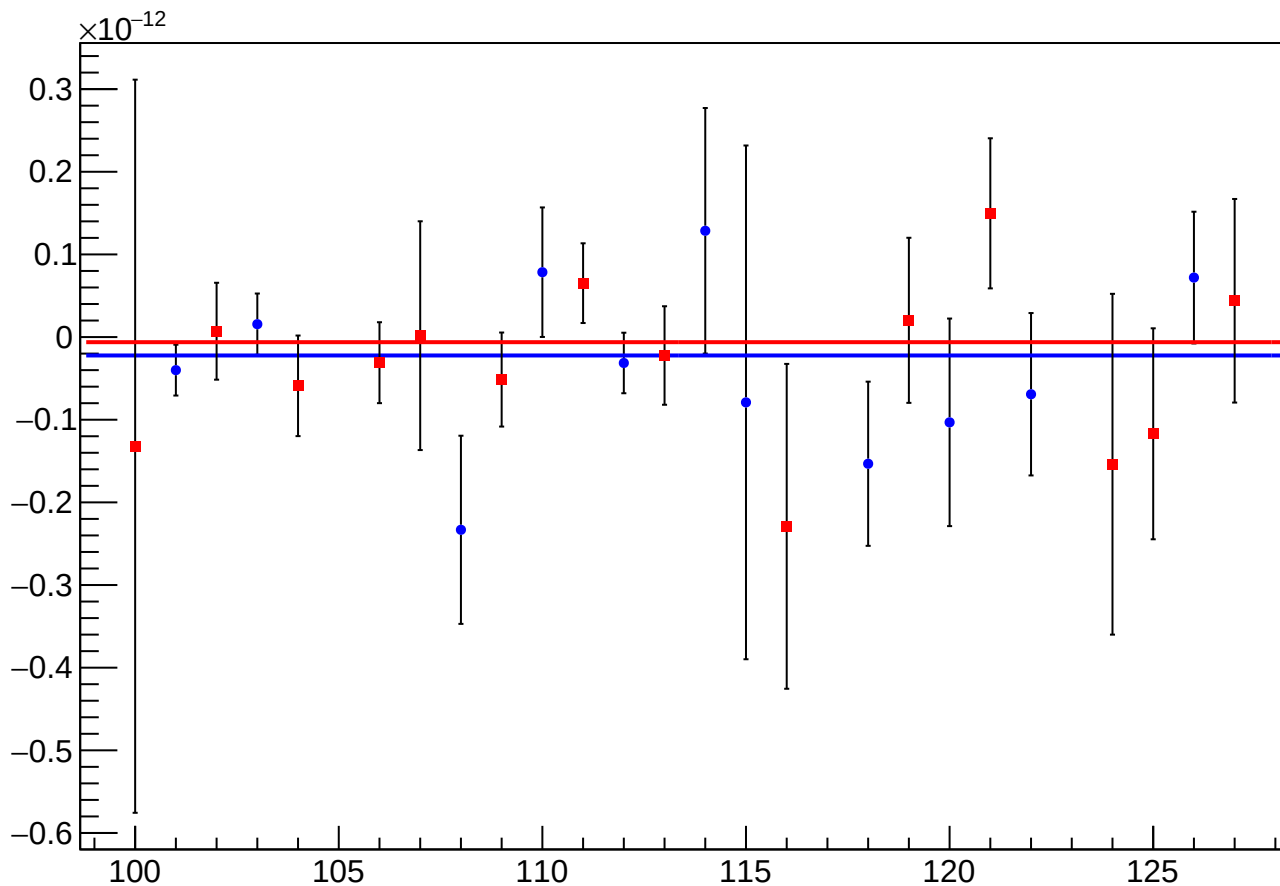
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 38.186 $\pm$ 0.010 χ^2 /NDF: 3863436.0/24

- sign 0.000 $\pm$ 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: 11.4/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 9.8/13

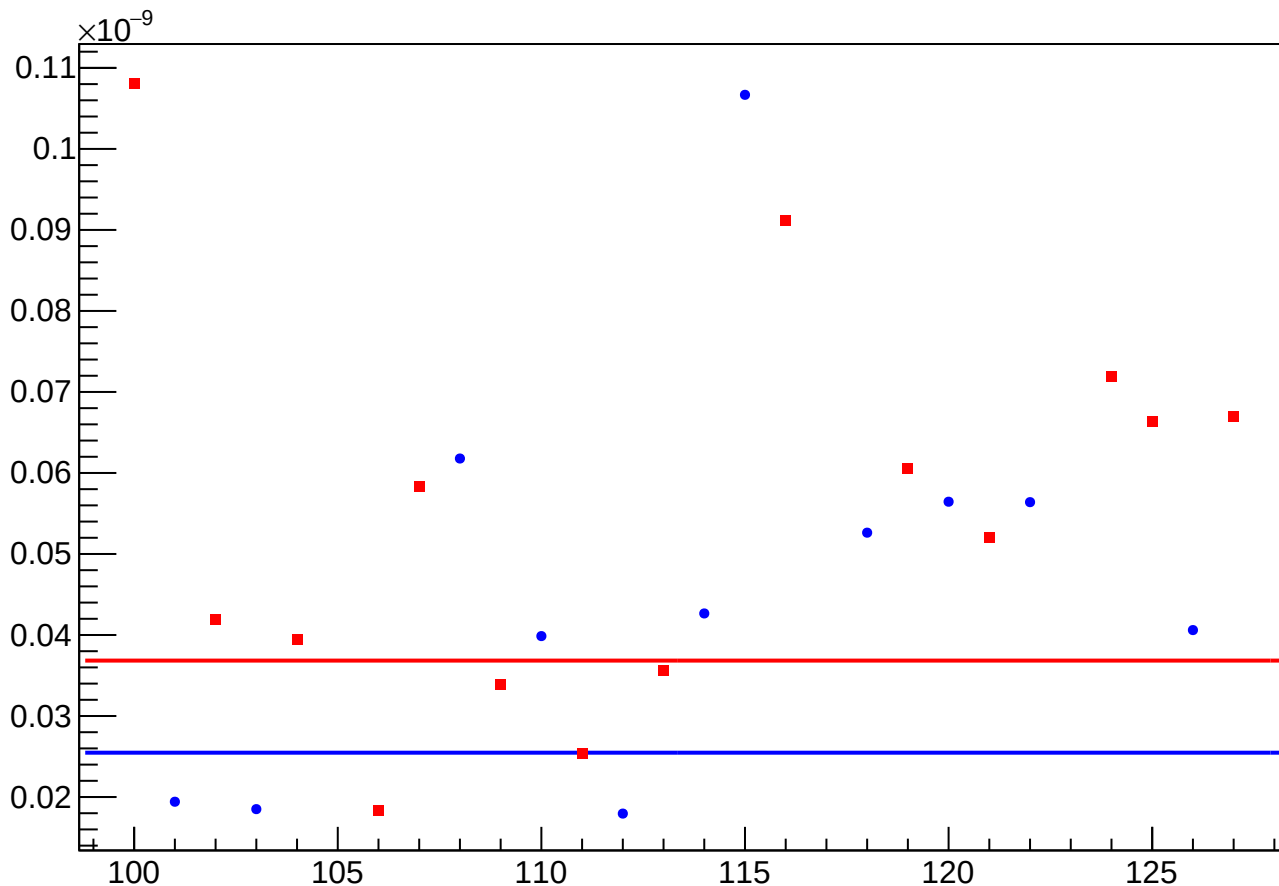
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 21.5/24

- 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 : 1208287.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1130898.2/13

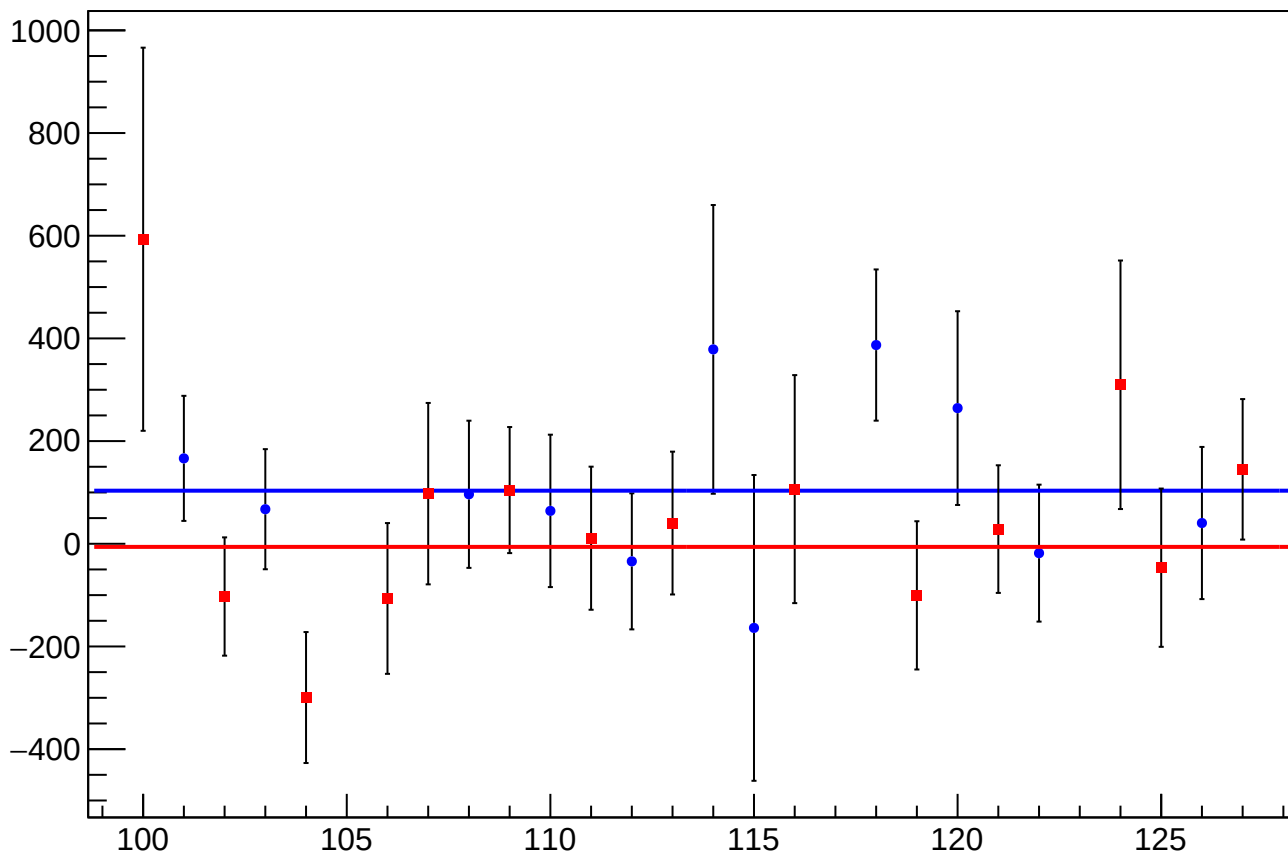
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2700755.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_mean vs Slug



Right In: 103.407 $\pm$ 45.110 χ^2 /NDF: 8.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -6.057 $\pm$ 39.605 χ^2 /NDF: 14.1/13

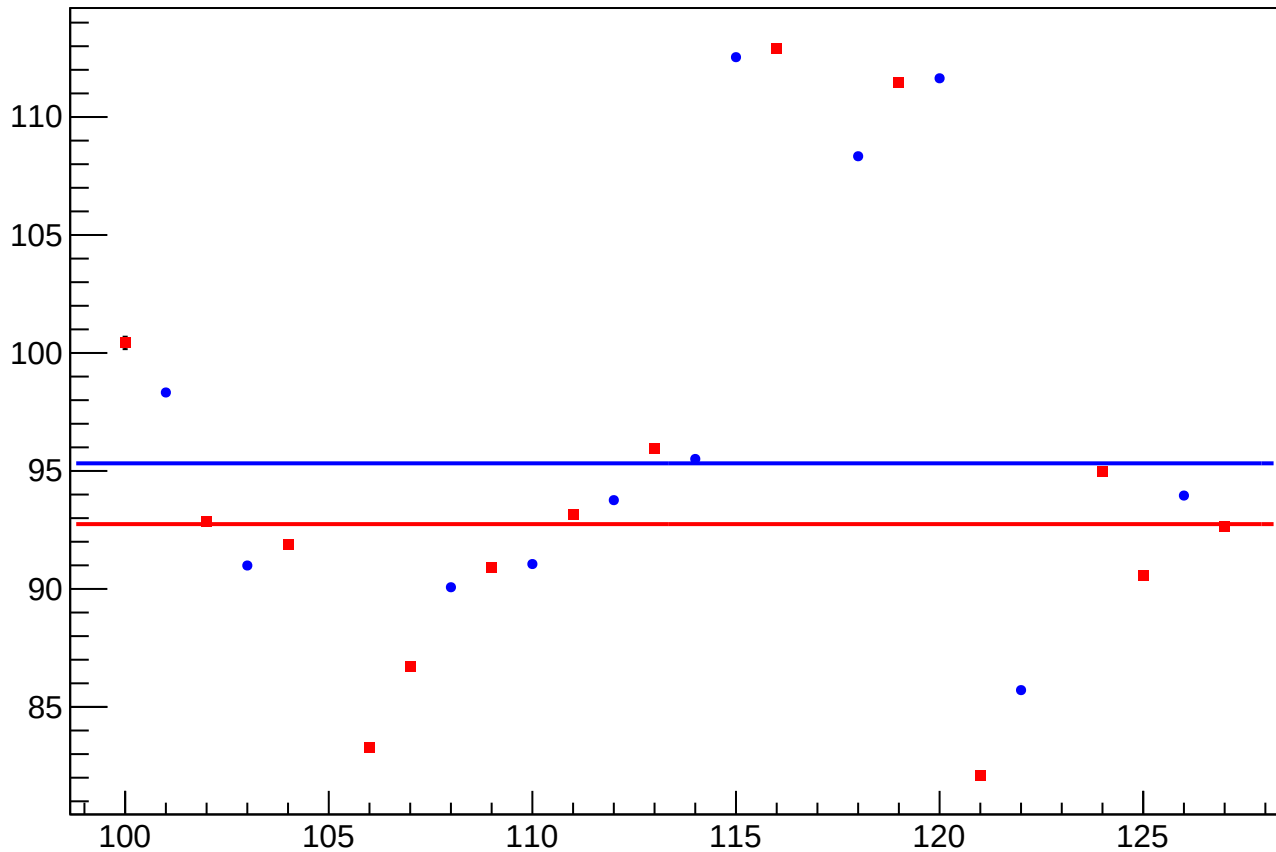
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 41.592 $\pm$ 29.762 χ^2 /NDF: 26.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_dd_rms vs Slug



Right In: 95.323+/-0.032 χ^2/NDF : 56389.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.747+/-0.028 χ^2/NDF : 78519.6/13

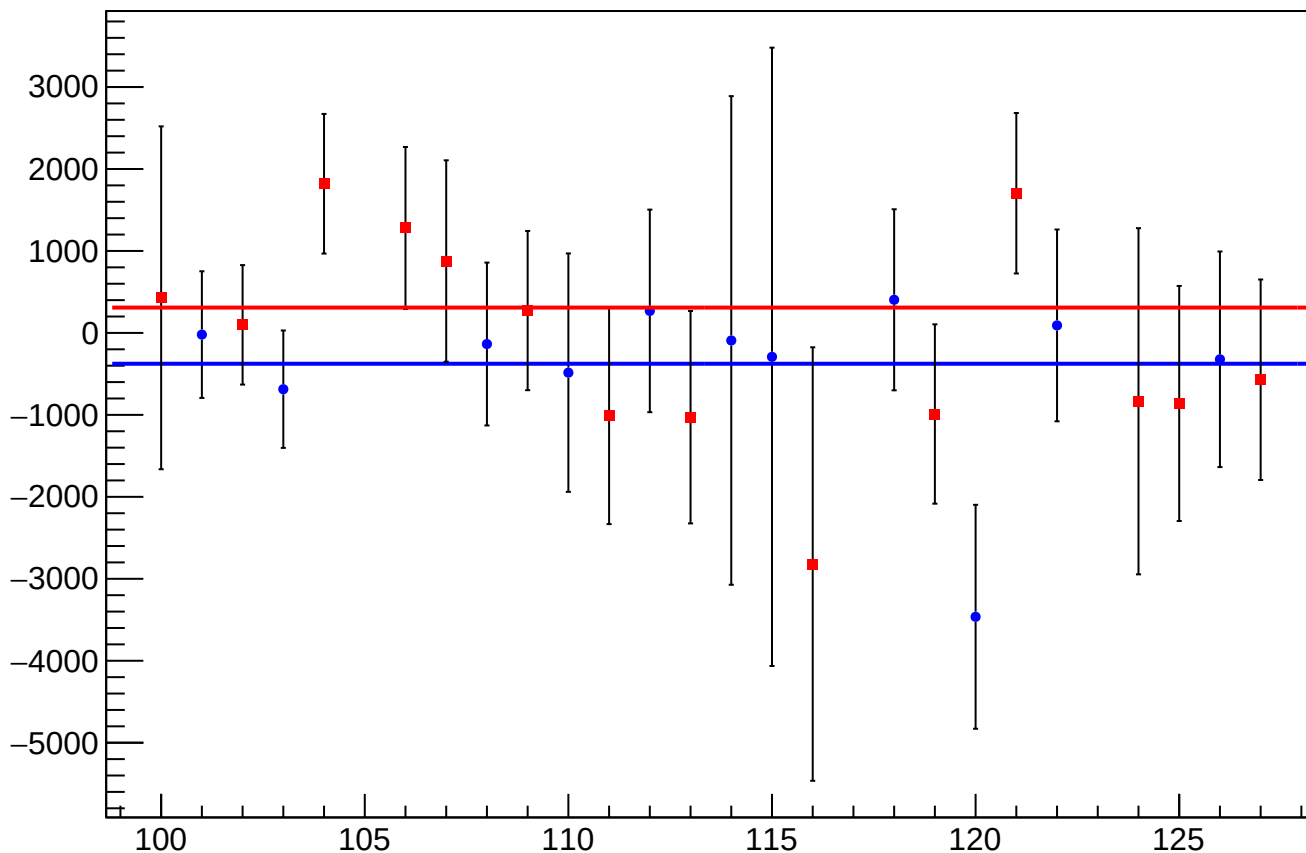
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.868+/-0.021 χ^2/NDF : 138592.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_reg_correction_mean vs Slug



Right In: -376.087+/-340.771 χ^2/NDF : 6.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 309.130+/-304.223 χ^2/NDF : 12.8/13

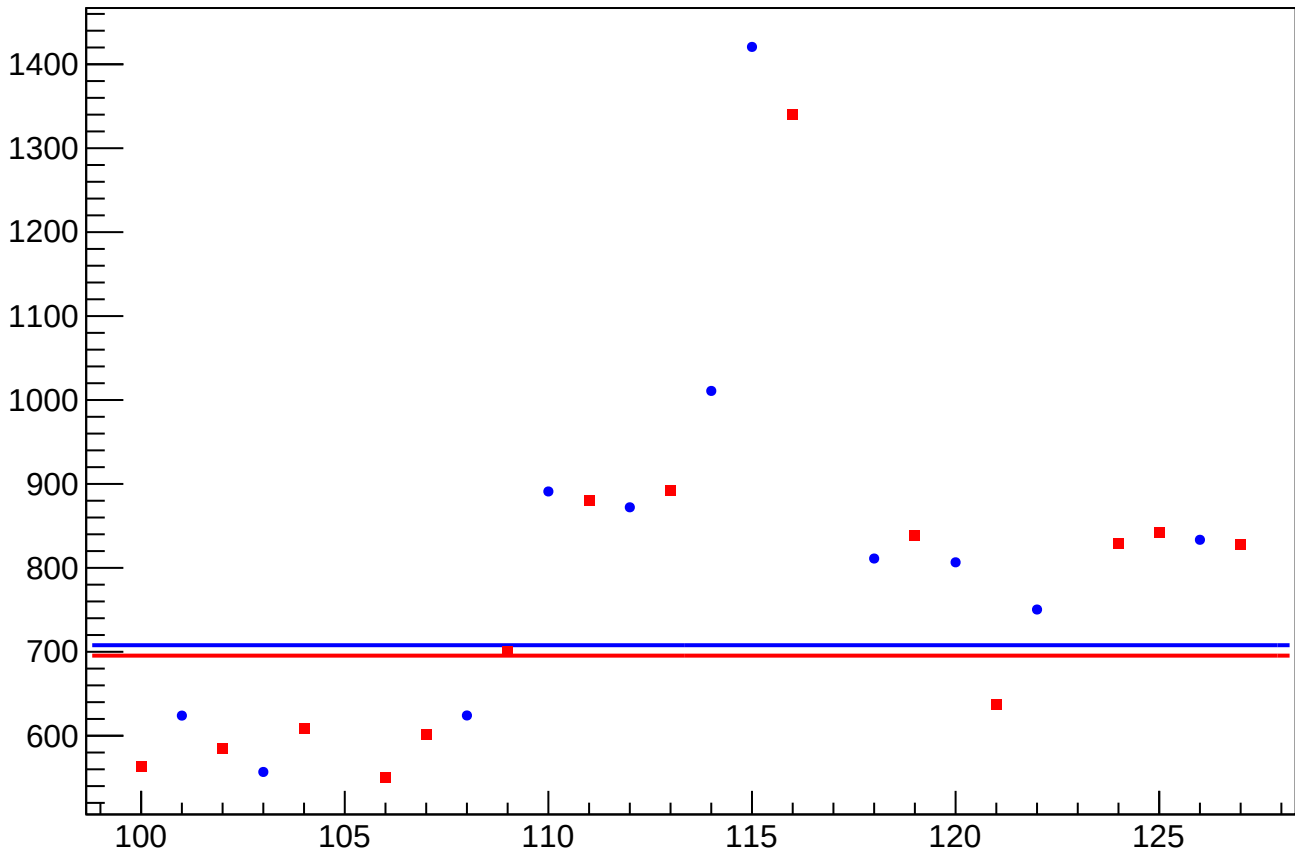
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.224+/-226.944 χ^2/NDF : 21.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_reg_correction_rms vs Slug



Right In: 707.859+/-0.241 χ^2/NDF : 334658.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 695.438+/-0.215 χ^2/NDF : 426278.2/13

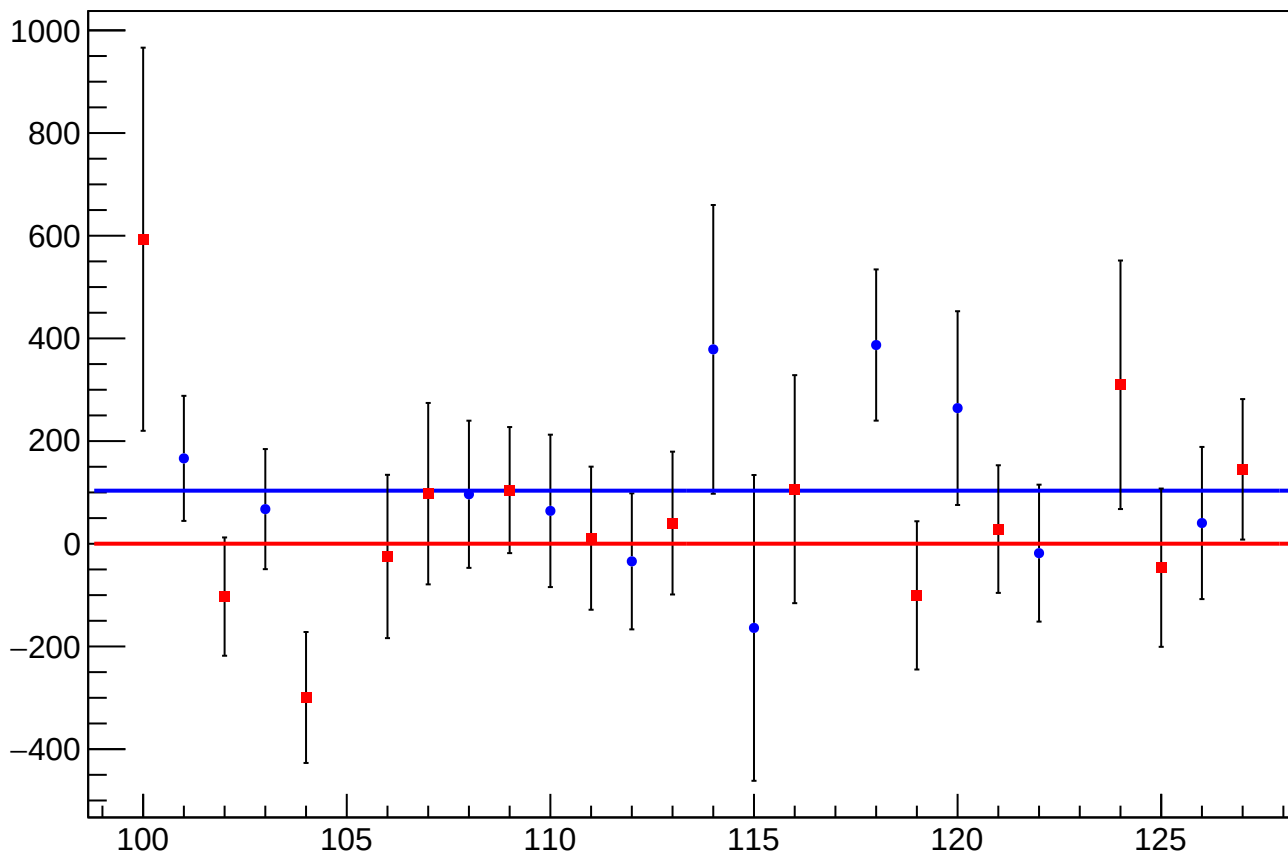
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 700.947+/-0.160 χ^2/NDF : 762415.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_dd_mean vs Slug



Right In: 103.438 $\pm$ 45.110 χ^2 /NDF: 8.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.148 $\pm$ 39.819 χ^2 /NDF: 13.6/13

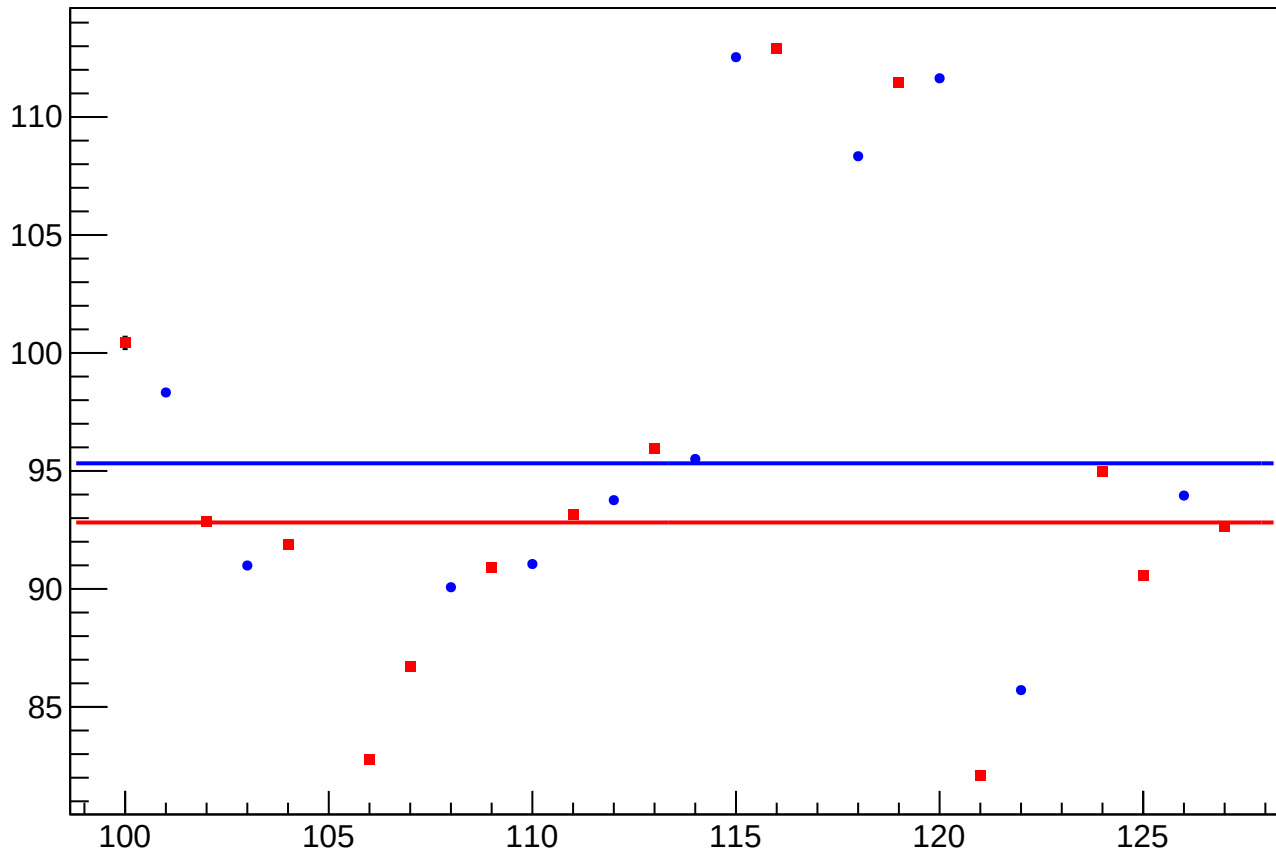
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 45.384 $\pm$ 29.853 χ^2 /NDF: 25.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_15_dd_rms vs Slug



Right In: 95.323+/-0.032 χ^2/NDF : 56389.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.817+/-0.028 χ^2/NDF : 78110.9/13

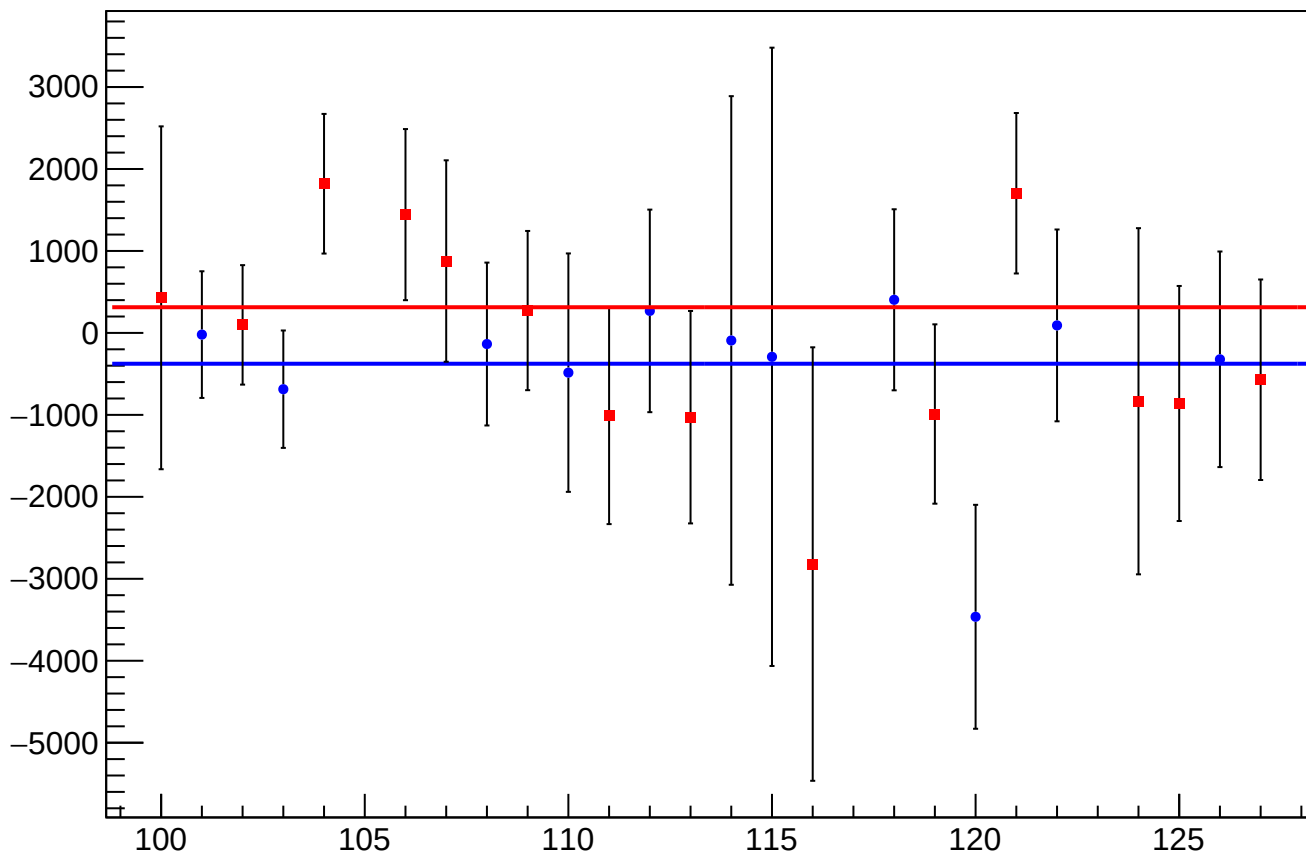
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.914+/-0.021 χ^2/NDF : 137970.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_cor_correction_mean vs Slug



Right In: -376.080+/-340.770 χ^2/NDF : 6.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 313.327+/-305.738 χ^2/NDF : 13.0/13

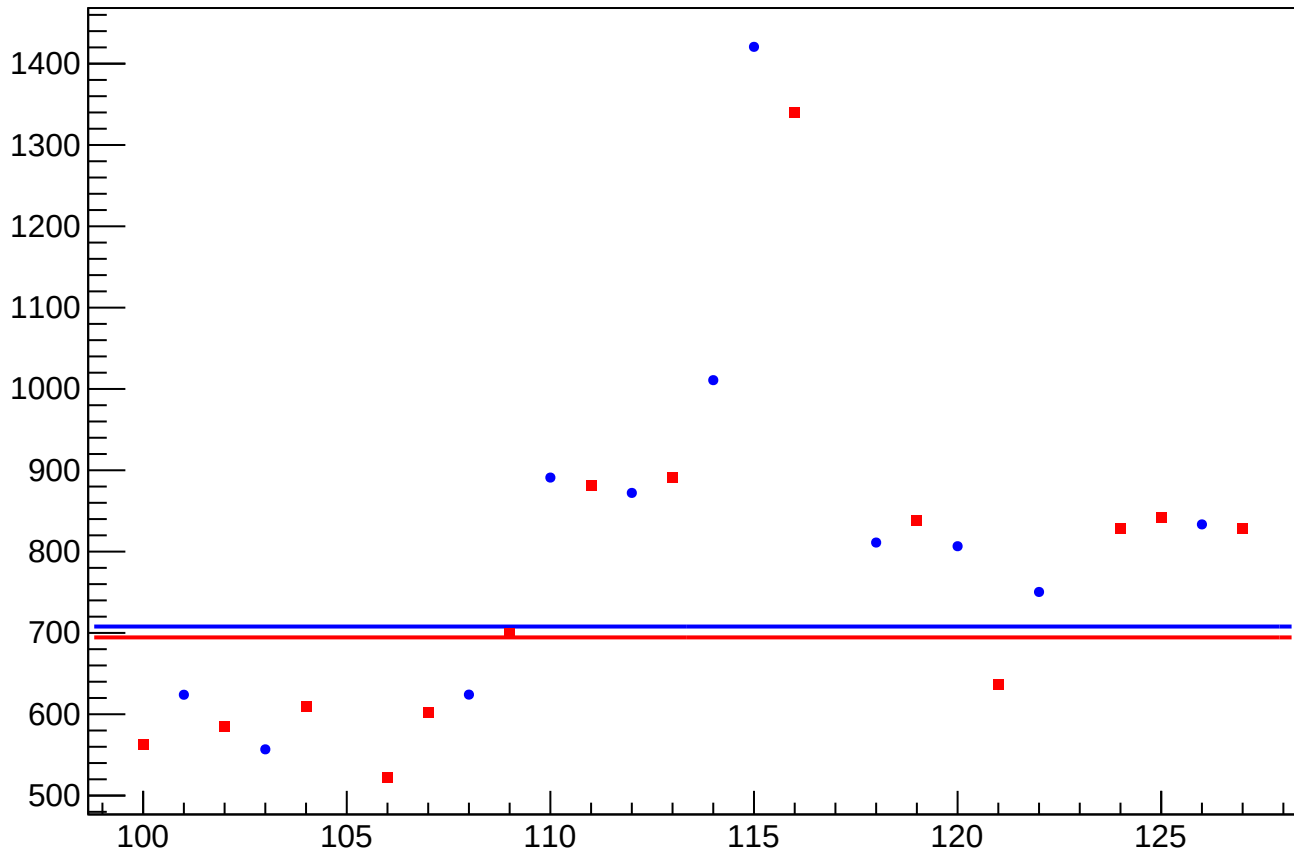
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.870+/-227.570 χ^2/NDF : 21.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_cor_correction_rms vs Slug



Right In: 707.858+/-0.241 χ^2/NDF : 334662.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 694.491+/-0.216 χ^2/NDF : 438058.7/13

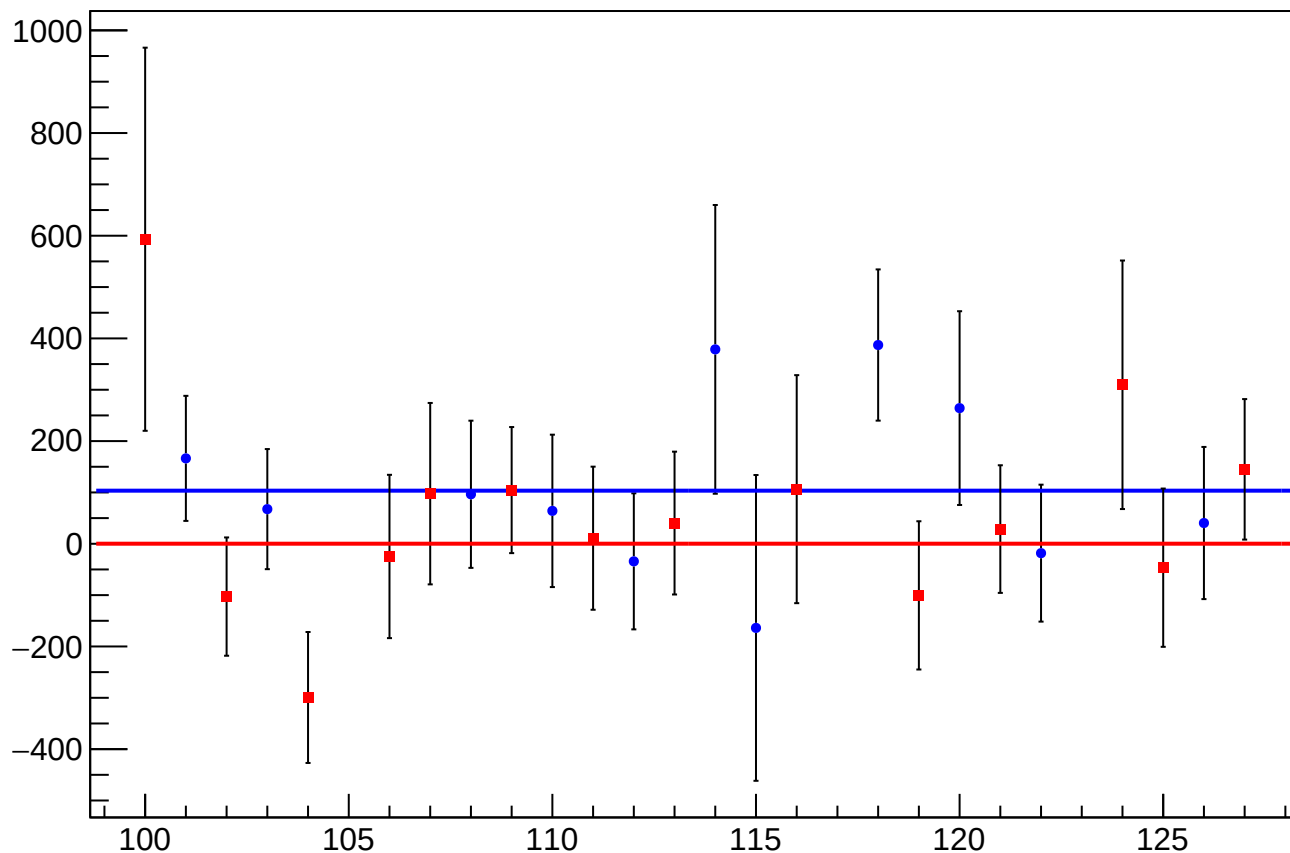
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 700.453+/-0.161 χ^2/NDF : 774426.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_dd_mean vs Slug



Right In: 103.438 $\pm$ 45.110 χ^2 /NDF: 8.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.148 $\pm$ 39.819 χ^2 /NDF: 13.6/13

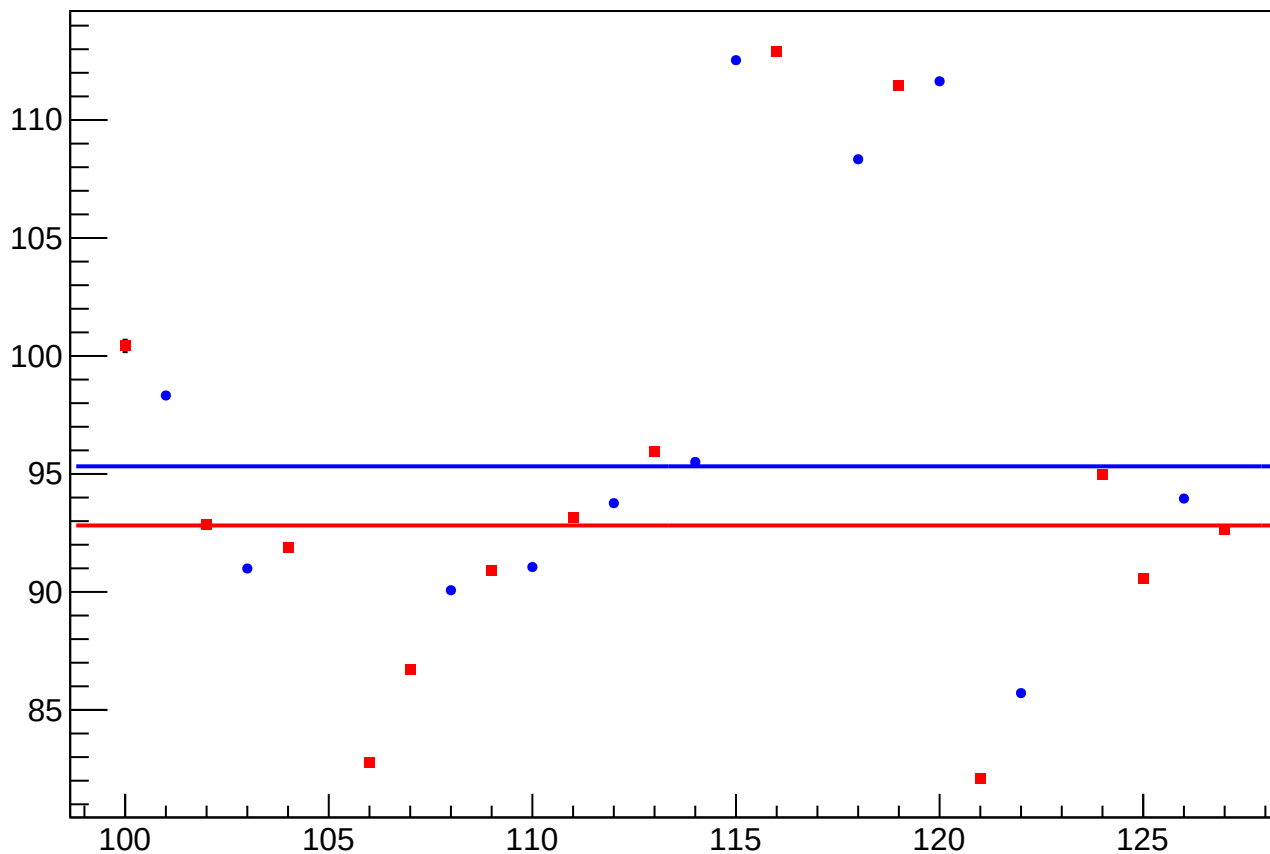
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 45.384 $\pm$ 29.853 χ^2 /NDF: 25.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_15_dd_rms vs Slug



Right In: 95.323+/-0.032 χ^2/NDF : 56389.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.817+/-0.028 χ^2/NDF : 78110.9/13

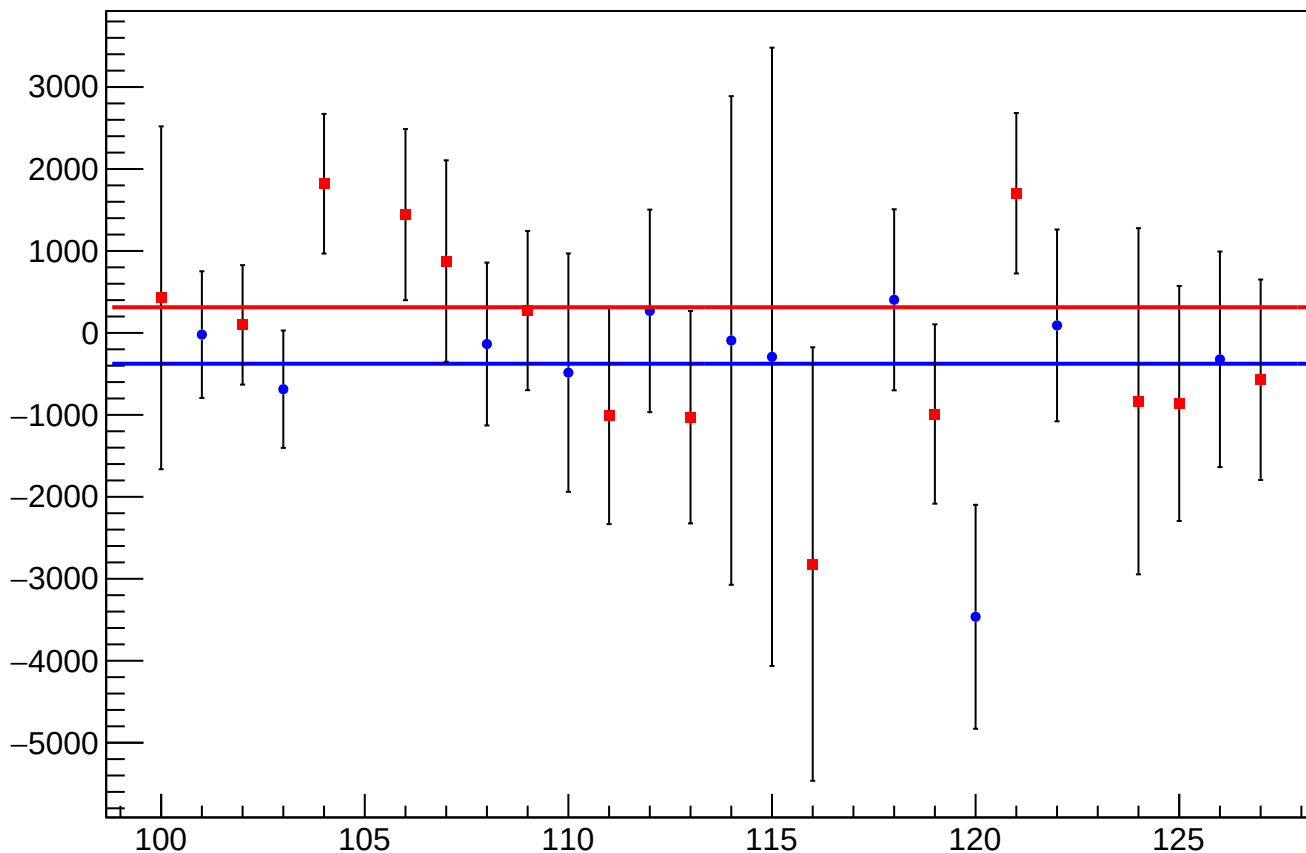
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.914+/-0.021 χ^2/NDF : 137970.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_eigen_cor_correction_mean vs Slug



Right In: -376.080+/-340.770 χ^2/NDF : 6.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 313.327+/-305.738 χ^2/NDF : 13.0/13

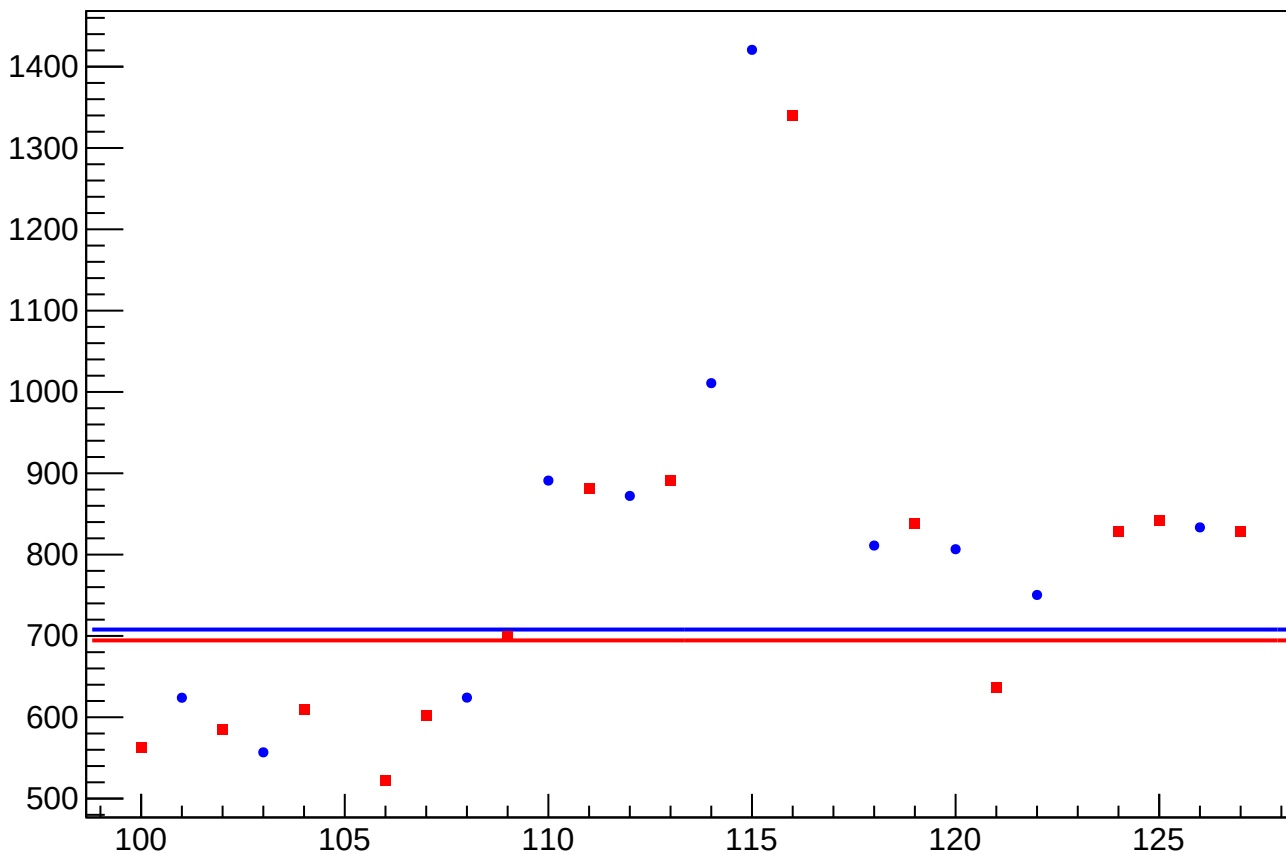
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.870+/-227.570 χ^2/NDF : 21.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_eigen_cor_correction_rms vs Slug



Right In: 707.858+/-0.241 χ^2/NDF : 334662.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

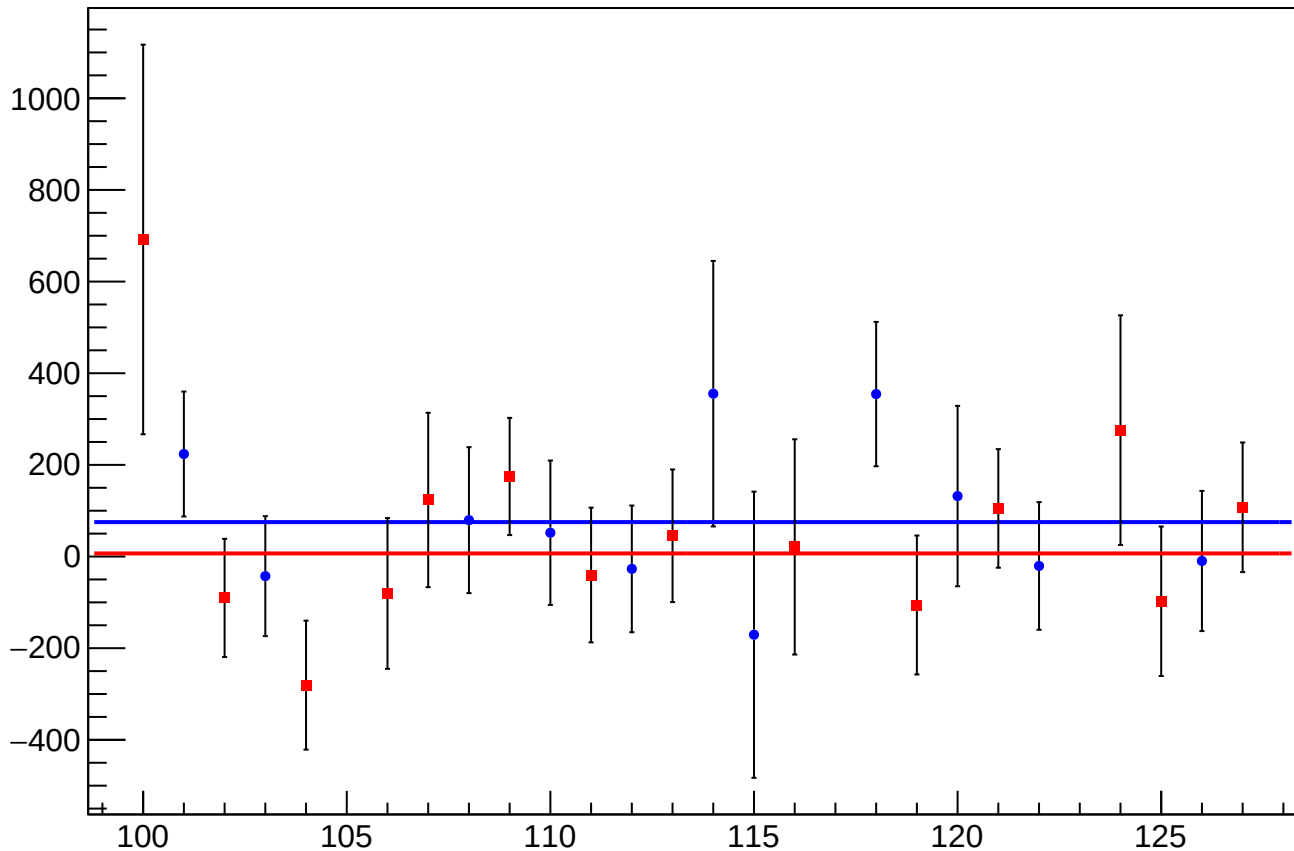
Right Out: 694.491+/-0.216 χ^2/NDF : 438058.7/13

All: 700.453+/-0.161 χ^2/NDF : 774426.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_dd_mean vs Slug



Right In: 75.137 $\pm$ 48.402 χ^2 /NDF: 8.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.767 $\pm$ 42.227 χ^2 /NDF: 13.1/13

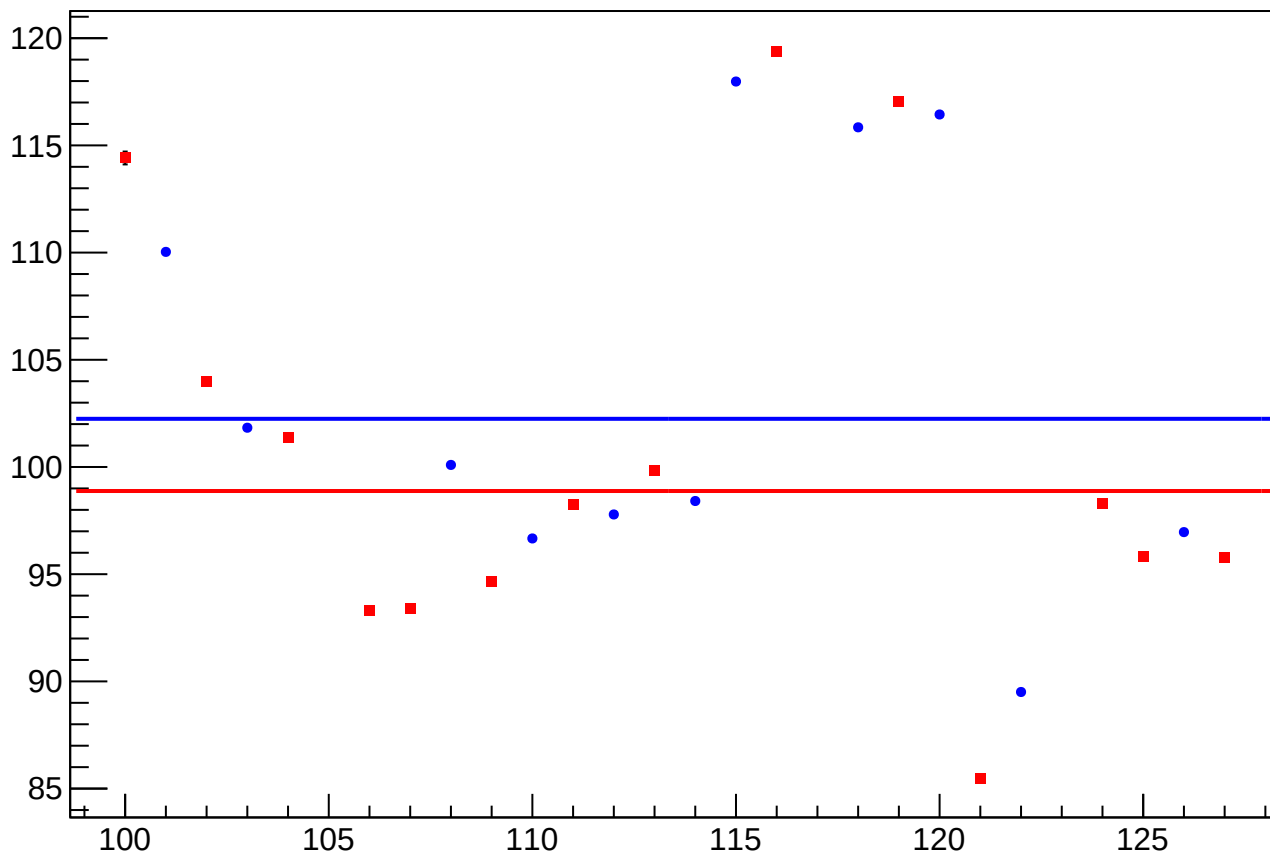
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.316 $\pm$ 31.820 χ^2 /NDF: 22.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_15_dd_rms vs Slug



Right In: 102.247 $\pm$ 0.034 χ^2 /NDF: 61352.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 98.880 $\pm$ 0.030 χ^2 /NDF: 79931.9/13

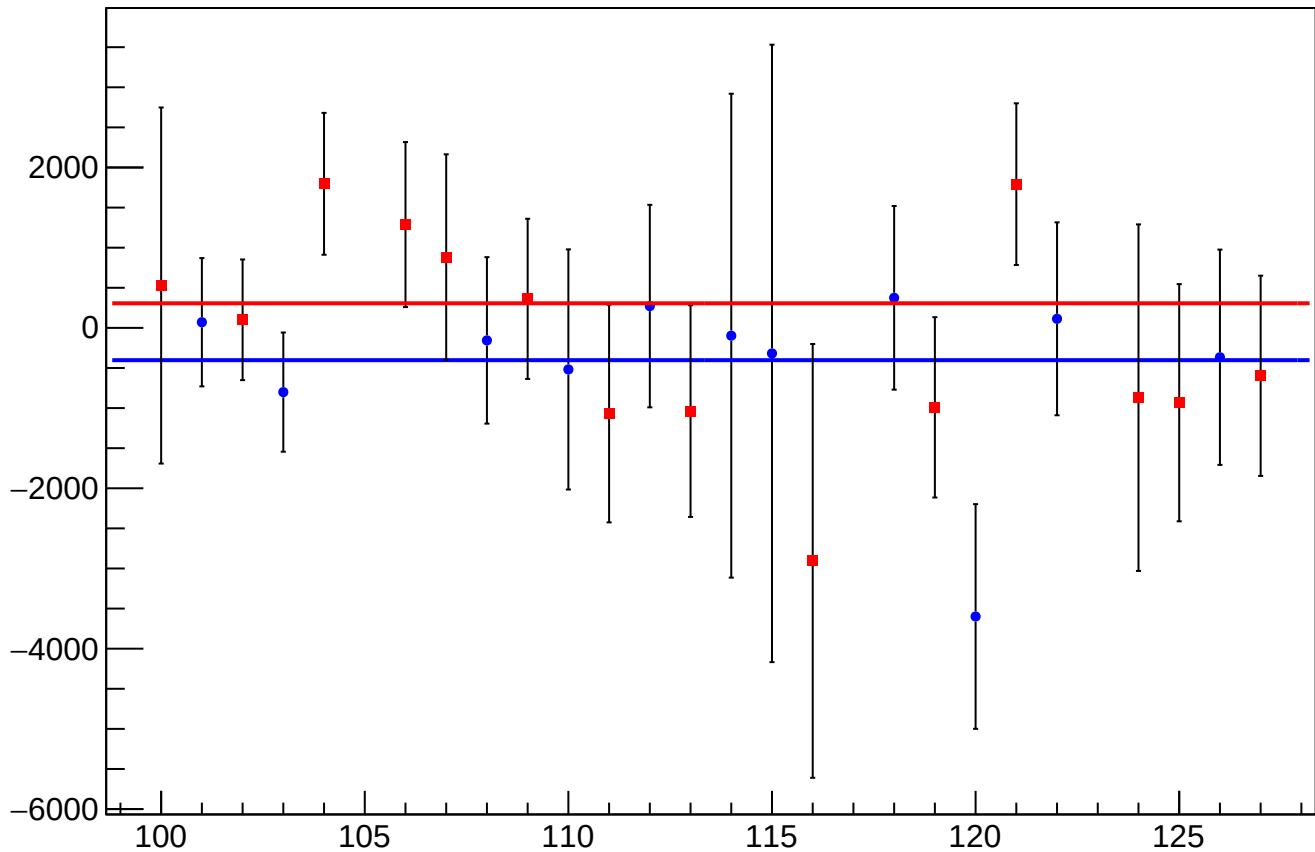
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 100.335 $\pm$ 0.022 χ^2 /NDF: 146780.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_dit_correction_mean vs Slug



Right In: -402.673 ± 351.993 χ^2/NDF : 6.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 306.683 ± 313.926 χ^2/NDF : 12.5/13

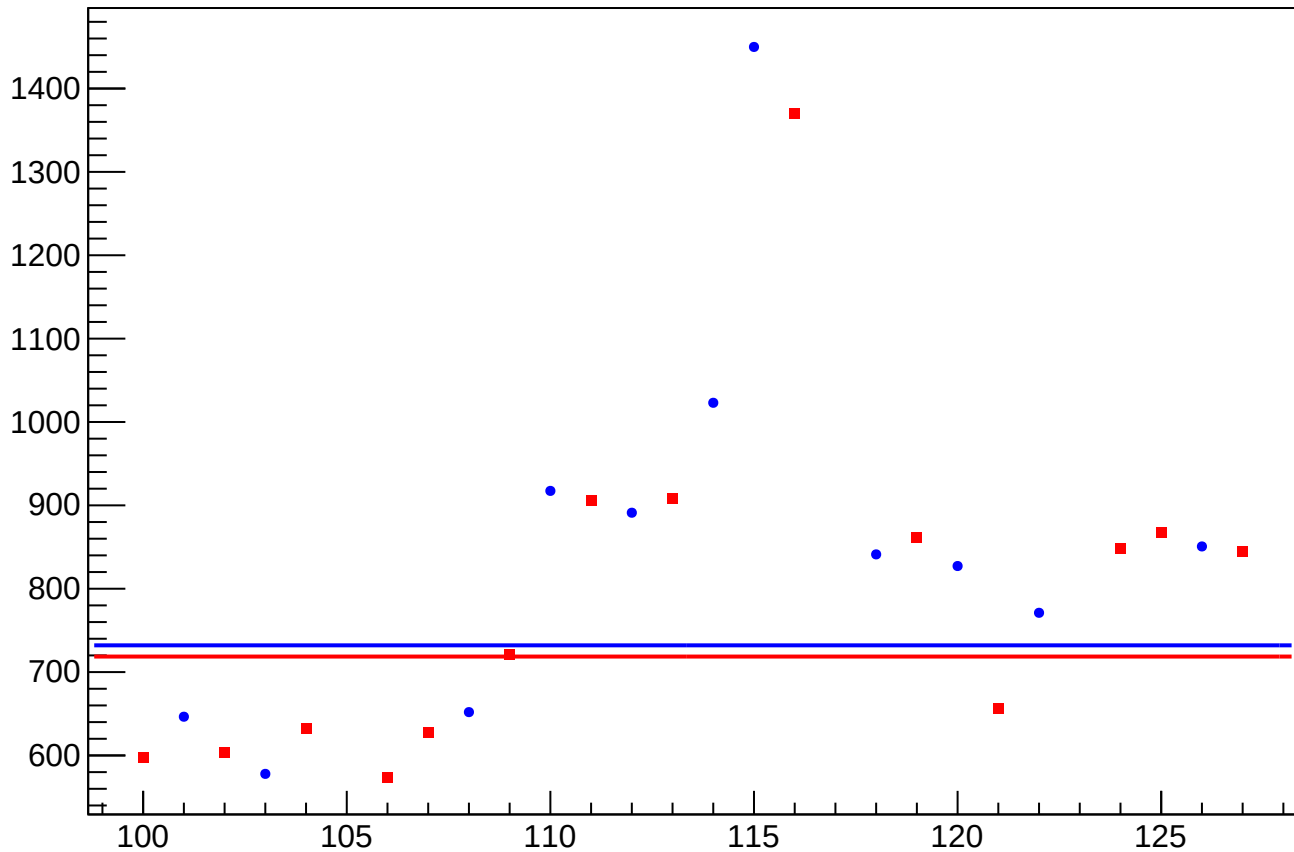
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.578 ± 234.286 χ^2/NDF : 21.6/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_dit_correction_rms vs Slug



Right In: 732.088+/-0.249 χ^2/NDF : 316520.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 718.635+/-0.222 χ^2/NDF : 404186.5/13

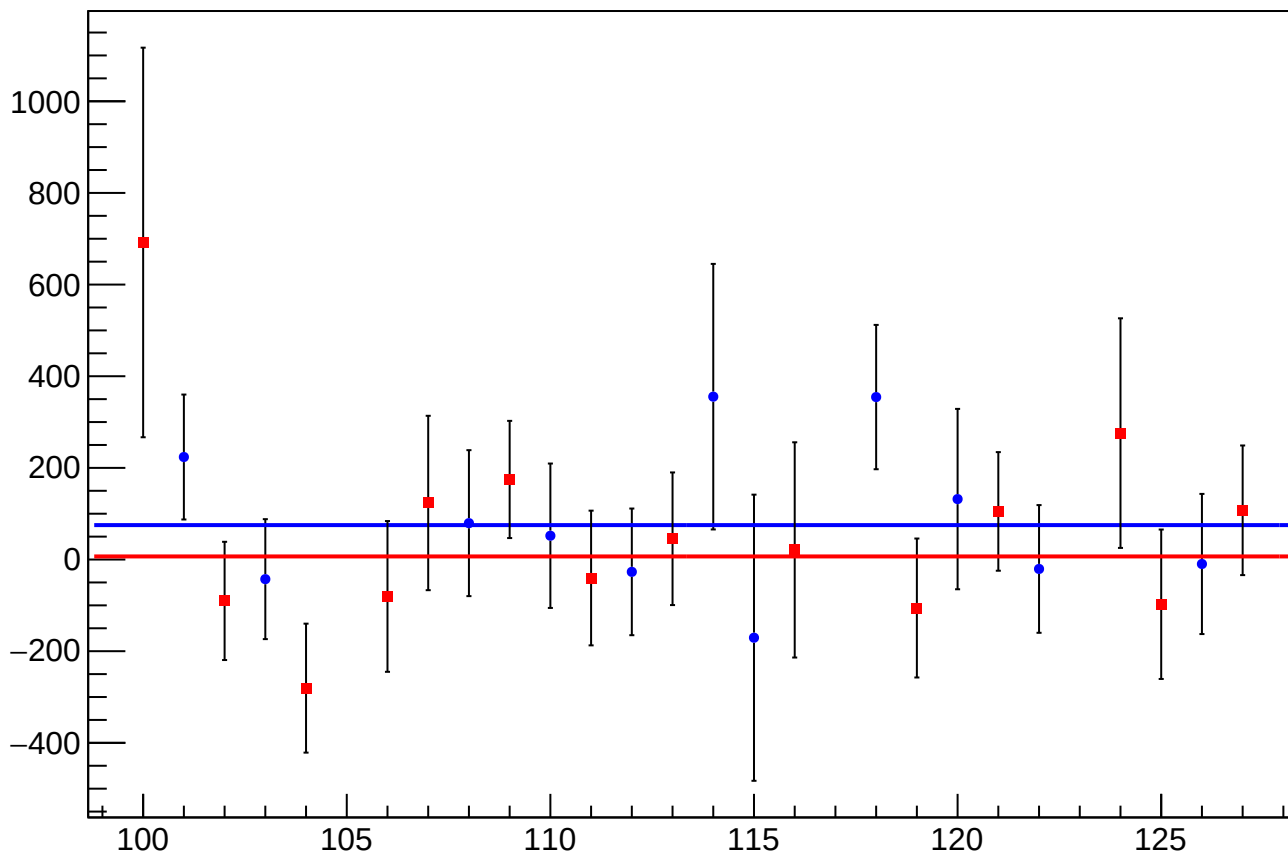
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 724.595+/-0.166 χ^2/NDF : 722333.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_15_dd_mean vs Slug



Right In: 75.138+/-48.402 χ^2/NDF : 8.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.768+/-42.227 χ^2/NDF : 13.1/13

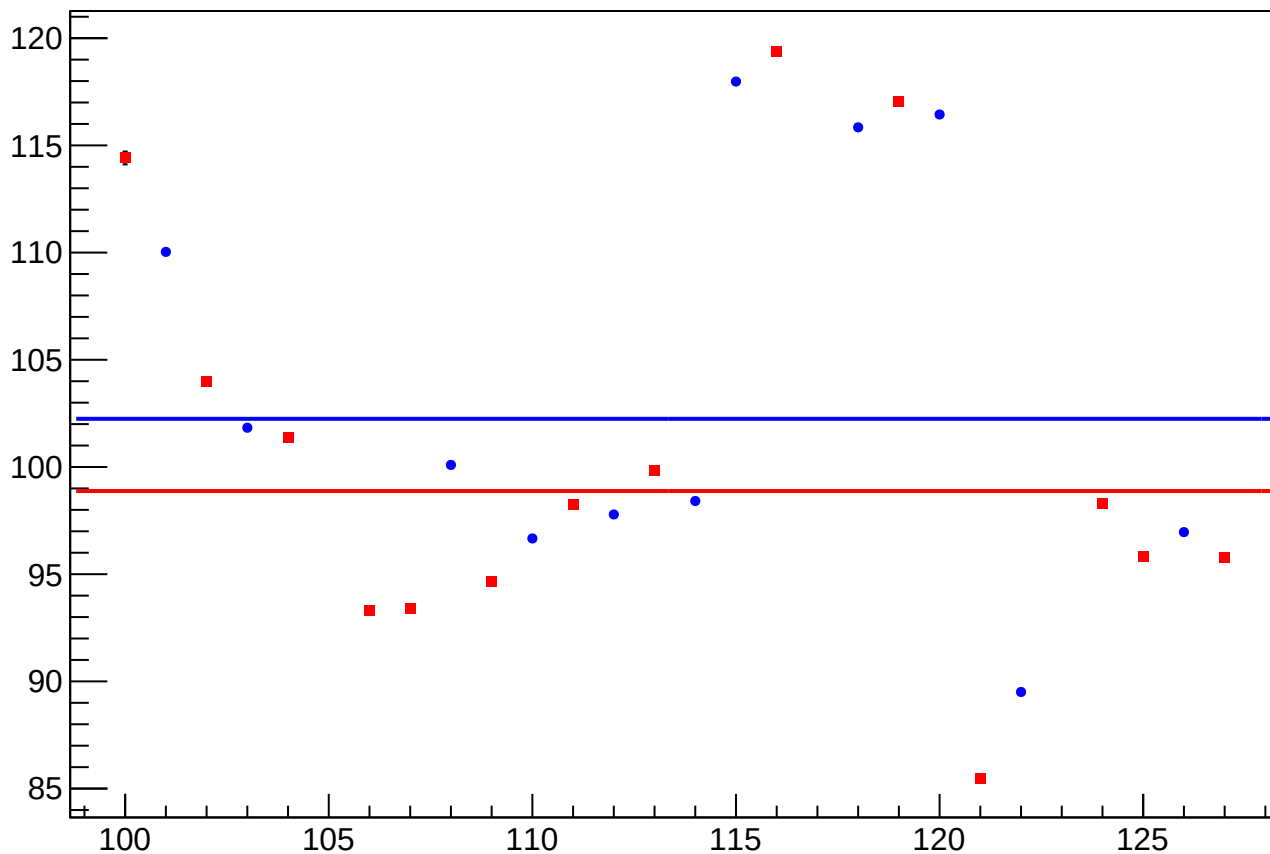
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.316+/-31.820 χ^2/NDF : 22.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_15_dd_rms vs Slug



Right In: 102.247 $\pm$ 0.034 χ^2 /NDF: 61351.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 98.879 $\pm$ 0.030 χ^2 /NDF: 79932.9/13

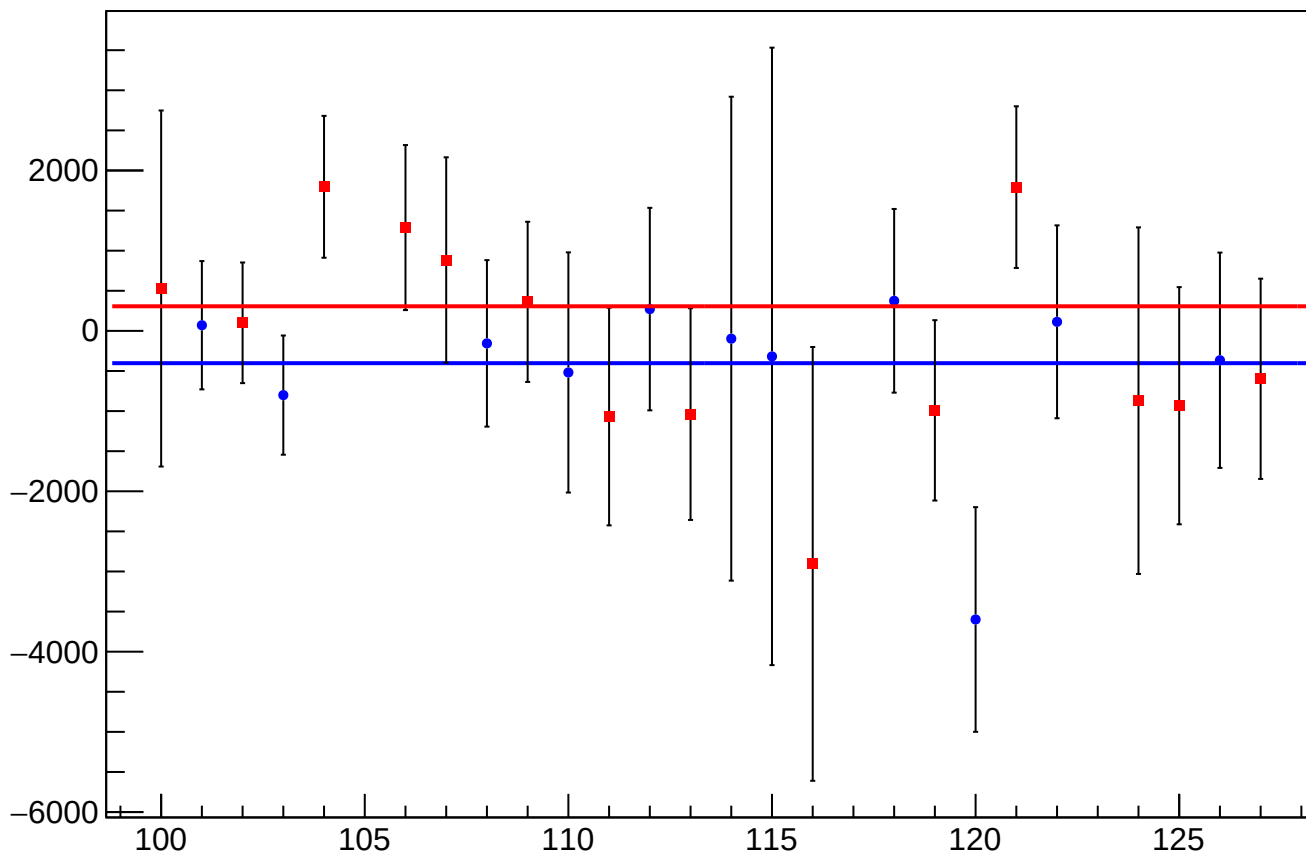
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 100.335 $\pm$ 0.022 χ^2 /NDF: 146781.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_eigen_dit_correction_mean vs Slug



Right In: -402.672 ± 351.992 χ^2/NDF : 6.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 306.683 ± 313.925 χ^2/NDF : 12.5/13

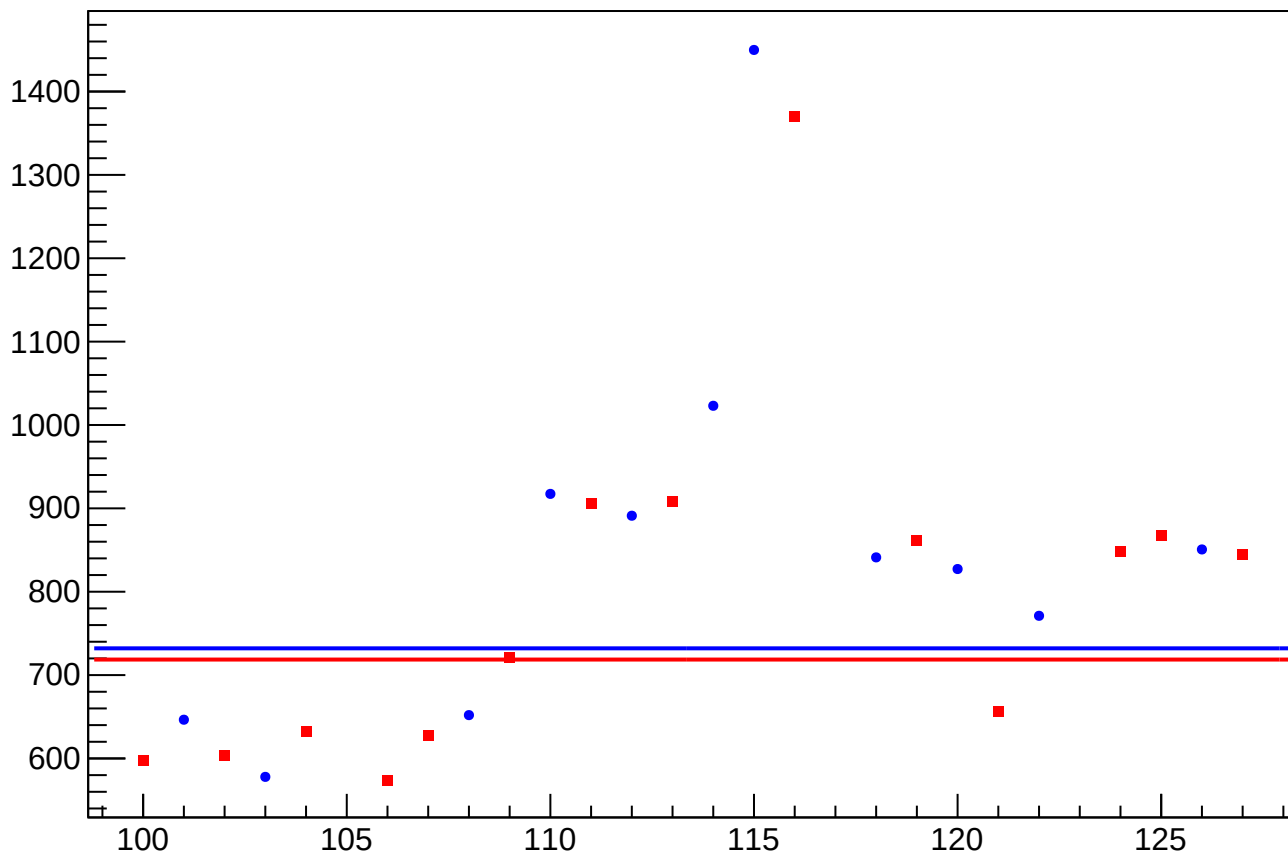
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.577 ± 234.286 χ^2/NDF : 21.6/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_eigen_dit_correction_rms vs Slug



Right In: 732.087+/-0.249 χ^2/NDF : 316519.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 718.634+/-0.222 χ^2/NDF : 404185.7/13

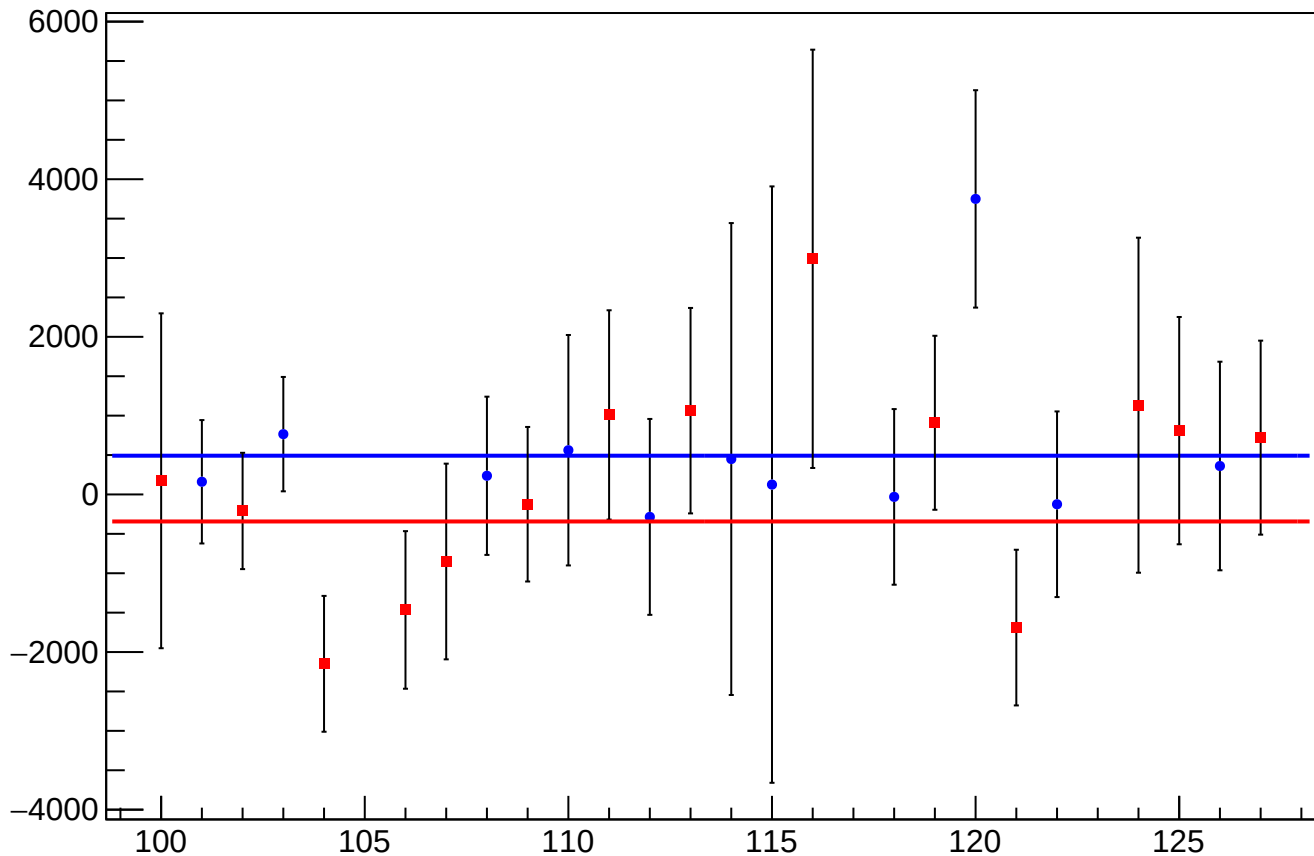
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 724.594+/-0.166 χ^2/NDF : 722332.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_mean vs Slug



Right In: 491.549+/-344.196 χ^2/NDF : 6.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -342.965+/-307.188 χ^2/NDF : 14.8/13

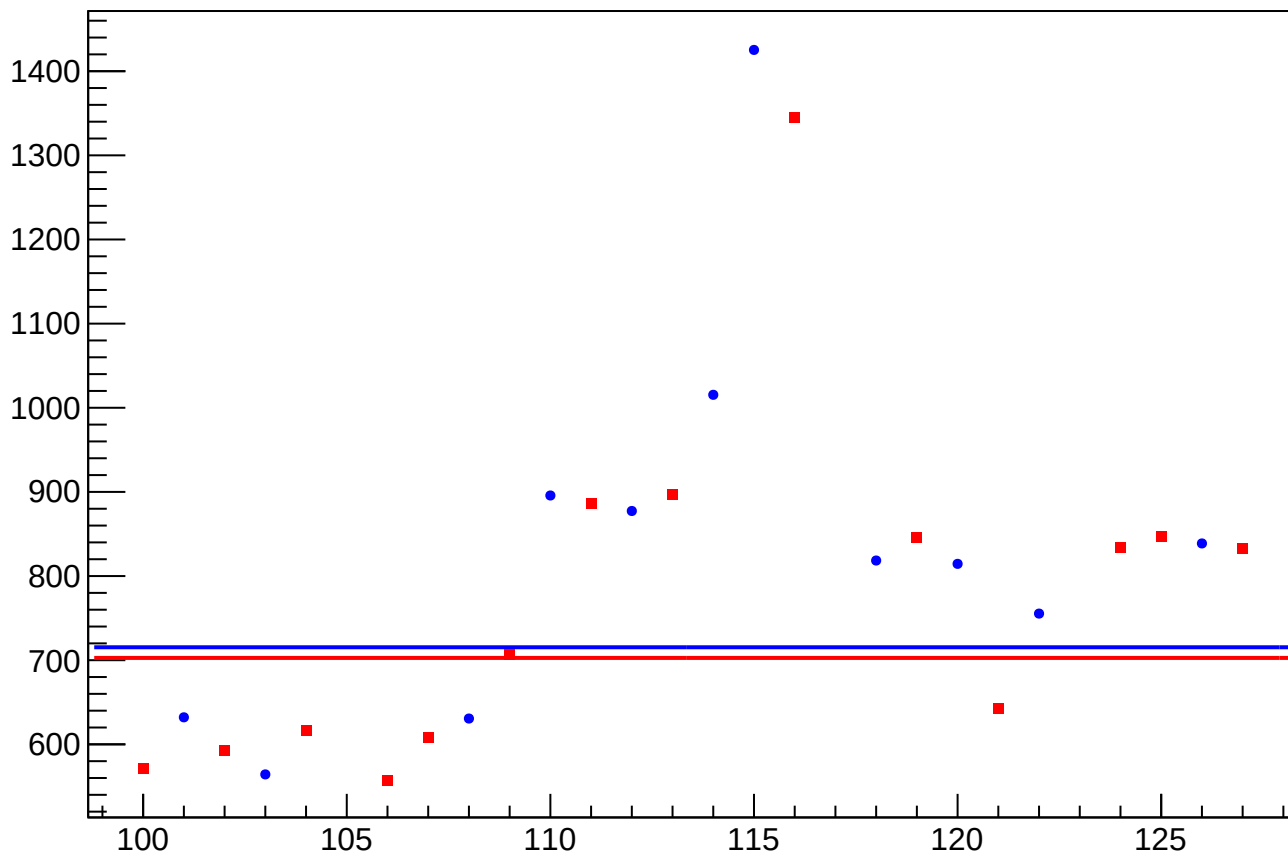
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.031+/-229.186 χ^2/NDF : 24.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_rms vs Slug



Right In: 715.358+/-0.243 χ^2/NDF : 325566.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 702.709+/-0.217 χ^2/NDF : 416318.3/13

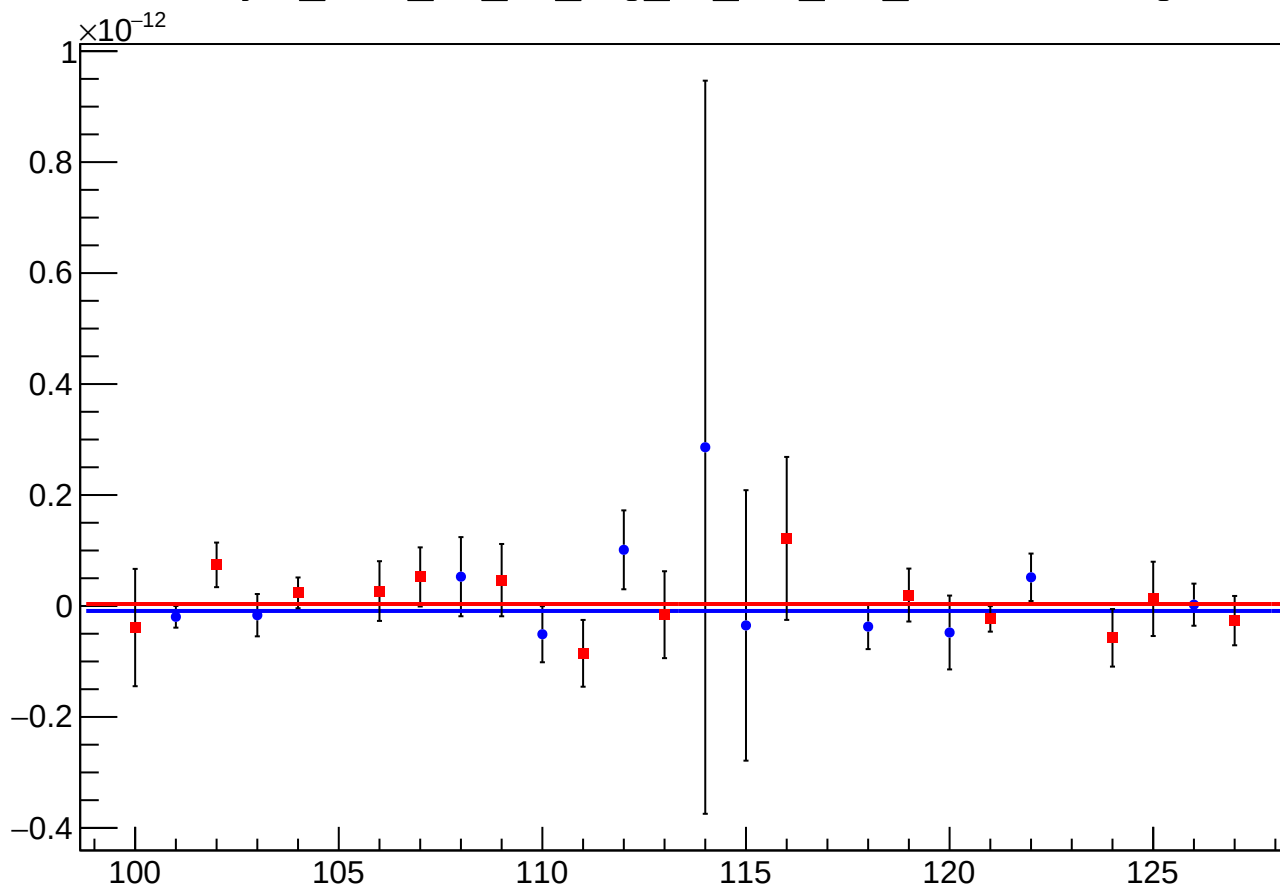
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

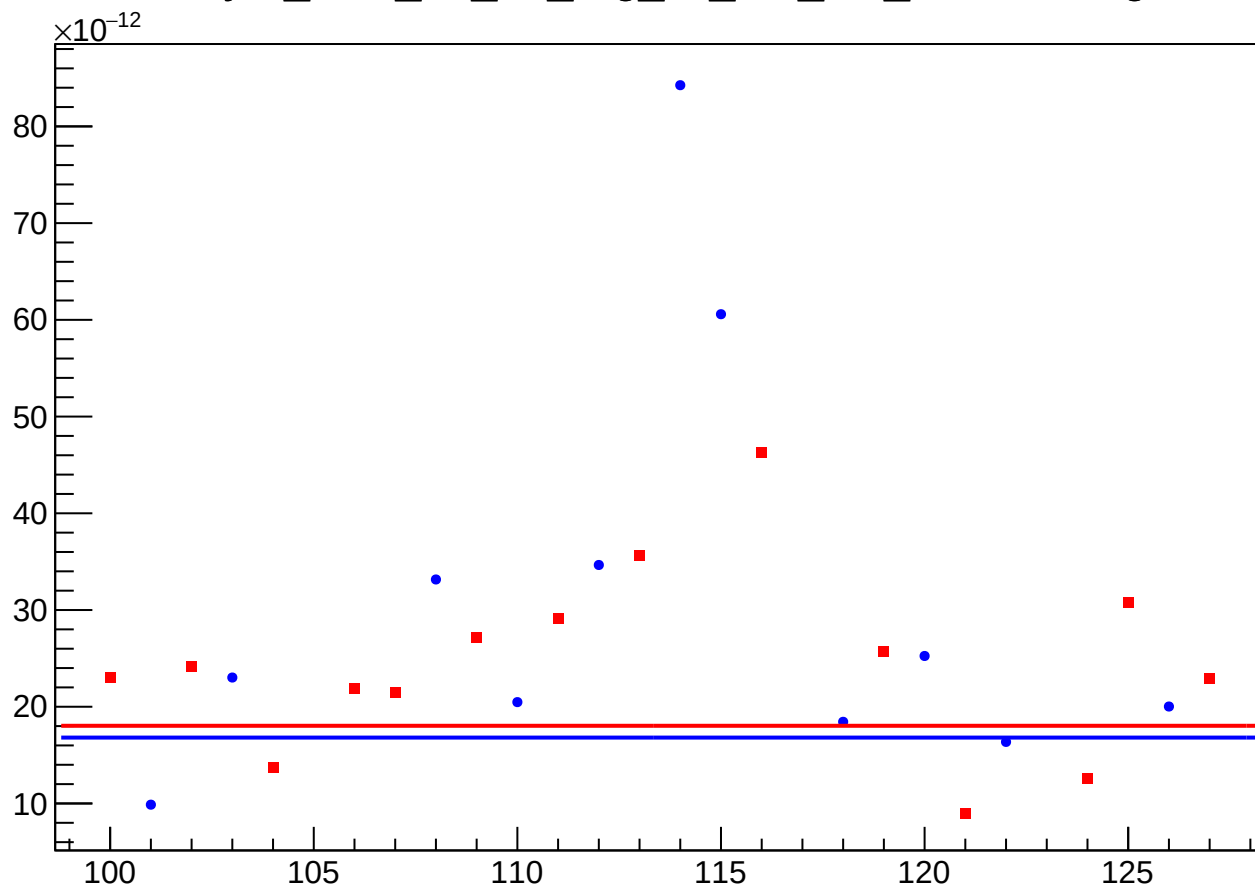
All: 708.317+/-0.162 χ^2/NDF : 743388.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_reg_vs_cor_diff_mean vs Slug



asym_sam_15_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 682569.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 882094.7/13

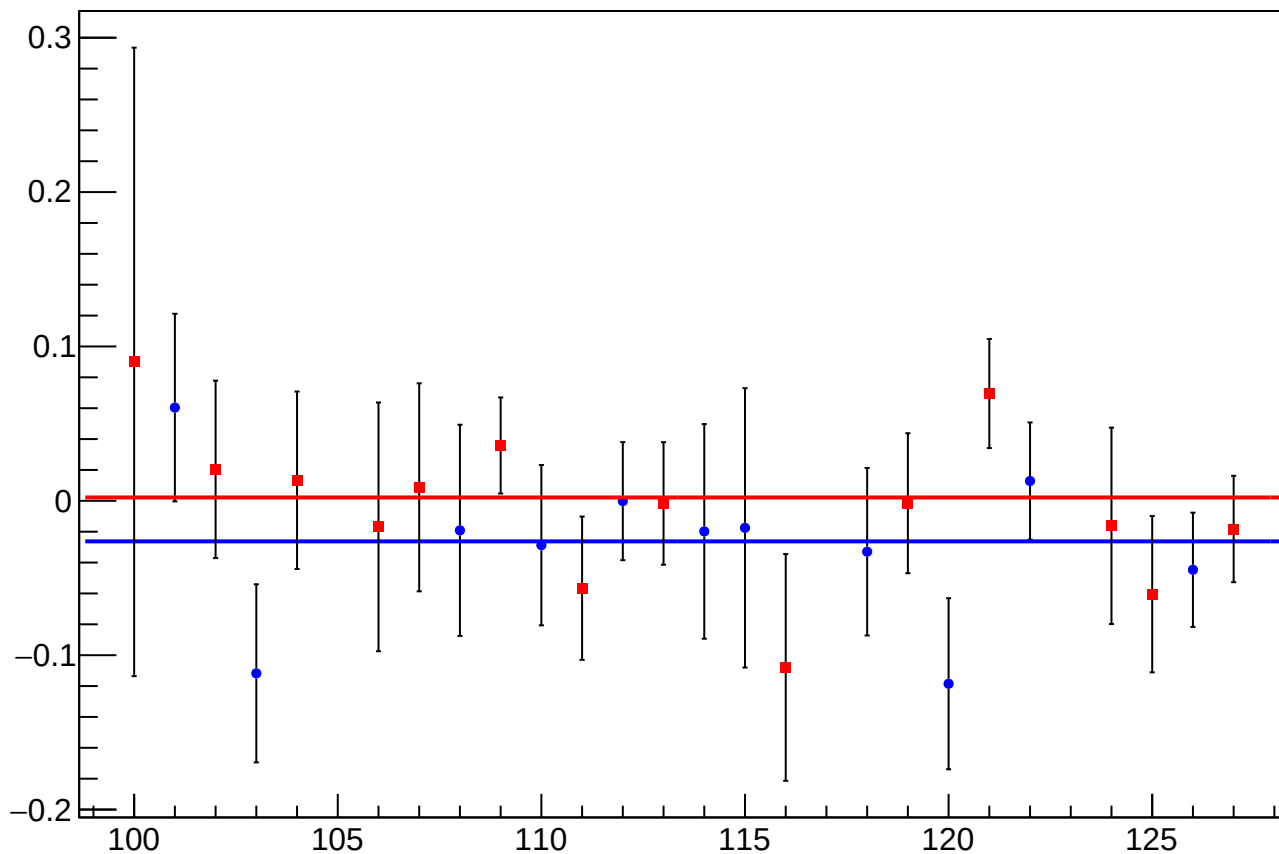
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1574344.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.026 $\pm$ 0.015 χ^2 /NDF: 8.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.013 χ^2 /NDF: 11.0/13

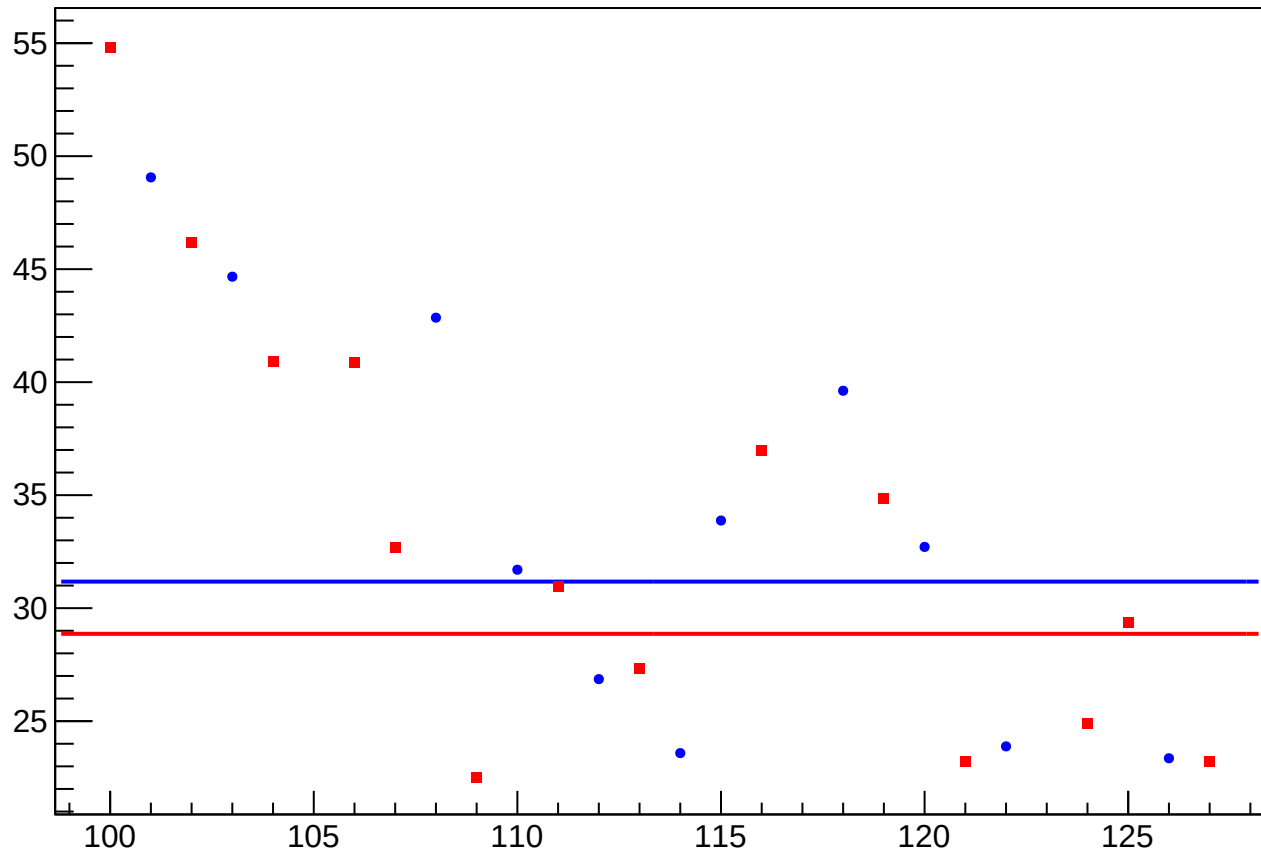
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.010 $\pm$ 0.010 χ^2 /NDF: 21.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_dit_vs_cor_diff_rms vs Slug



Right In: 31.175+/-0.011 χ^2/NDF : 605328.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.864+/-0.009 χ^2/NDF : 615652.6/13

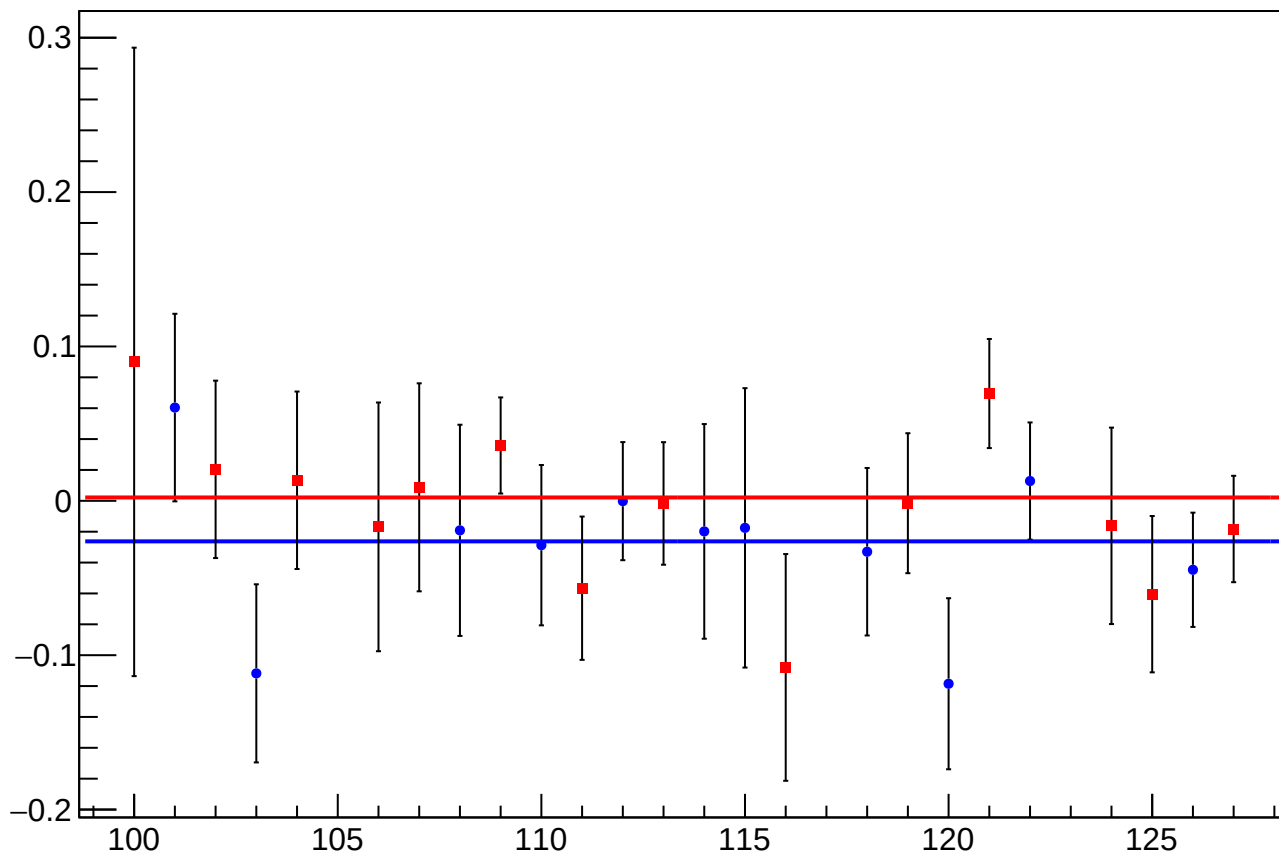
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.815+/-0.007 χ^2/NDF : 1247736.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.026 ± 0.015 $\chi^2/\text{NDF}: 8.8/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.002 ± 0.013 $\chi^2/\text{NDF}: 11.0/13$

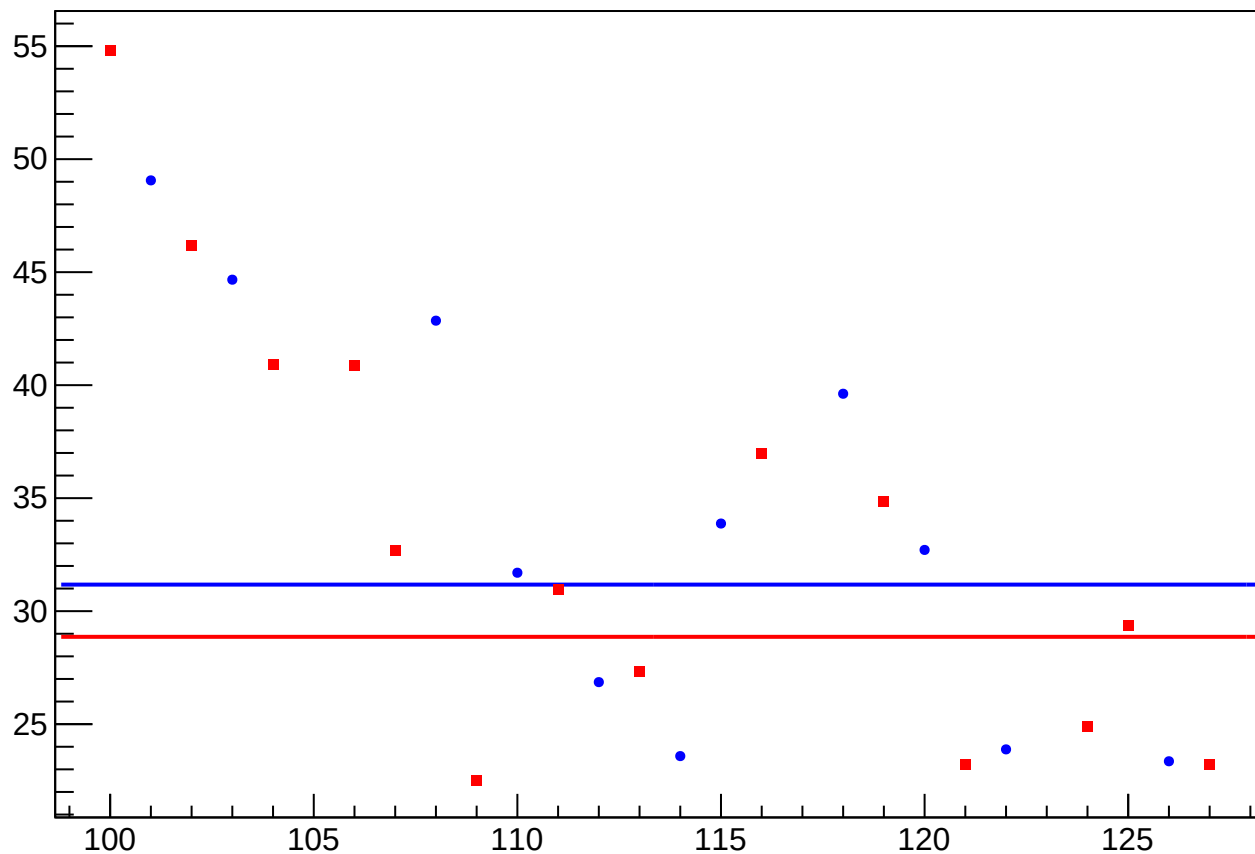
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.010 ± 0.010 $\chi^2/\text{NDF}: 21.9/24$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam_15_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 31.175+/-0.011 χ^2/NDF : 605328.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.864+/-0.009 χ^2/NDF : 615652.6/13

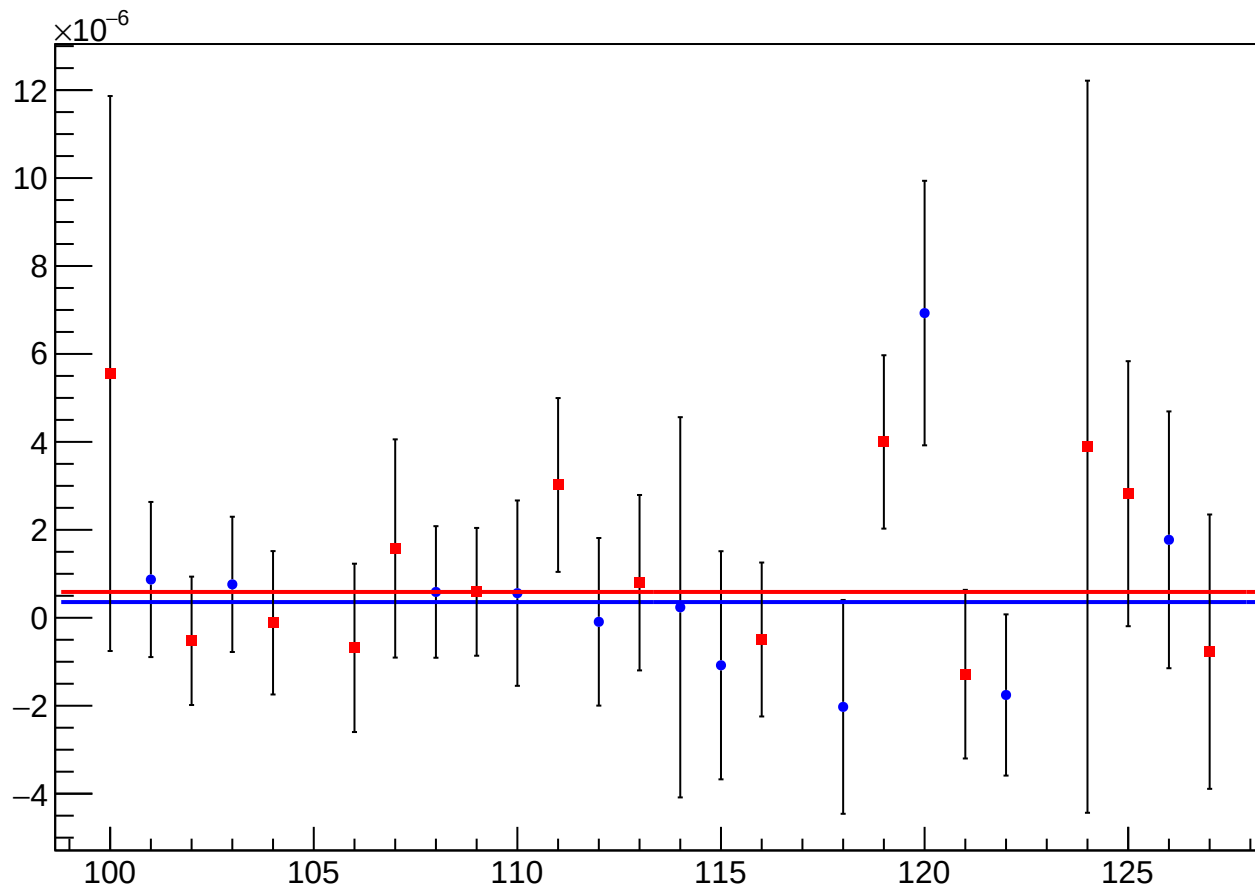
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.815+/-0.007 χ^2/NDF : 1247736.4/24

- sign 0.000+/-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: 7.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.7/13

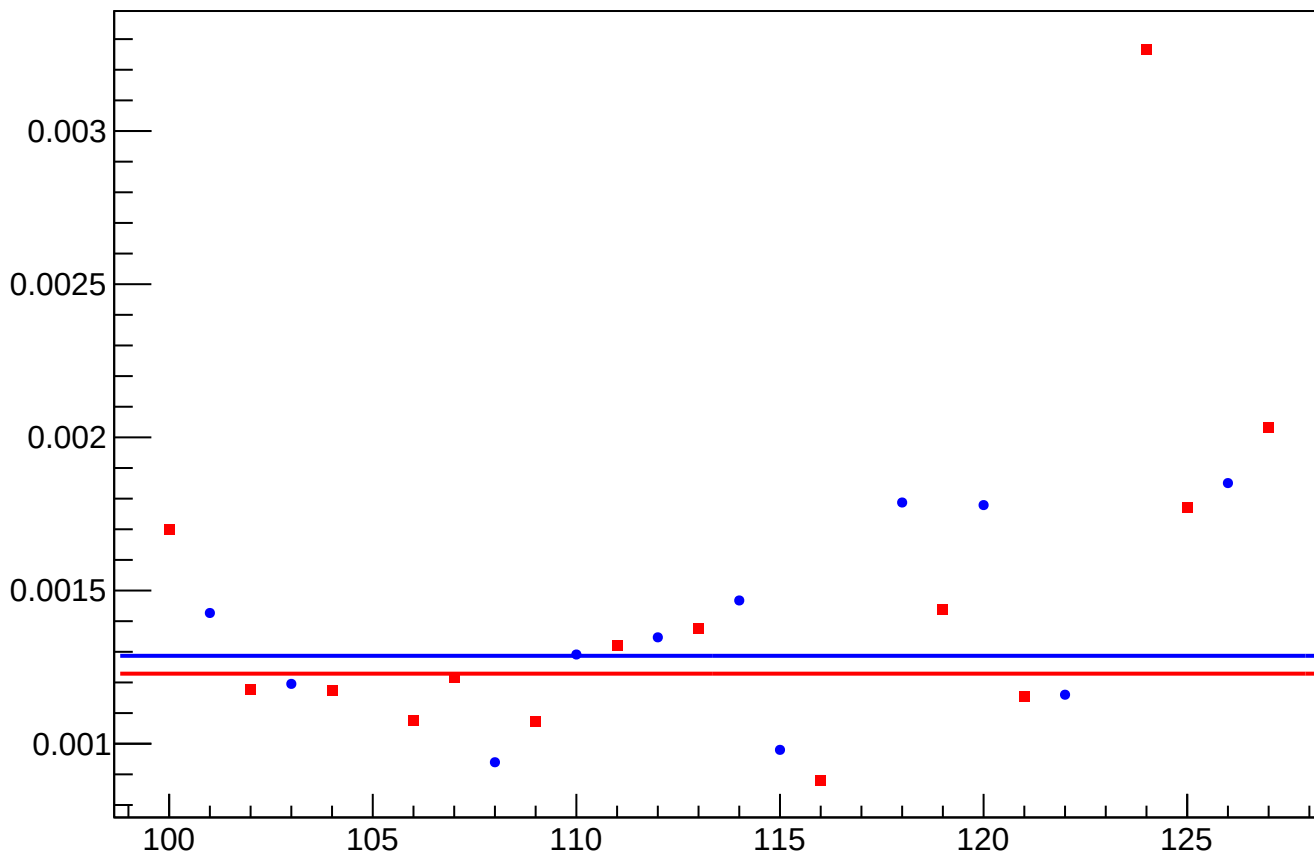
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.7/24

- 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 : 383450.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 489251.1/13

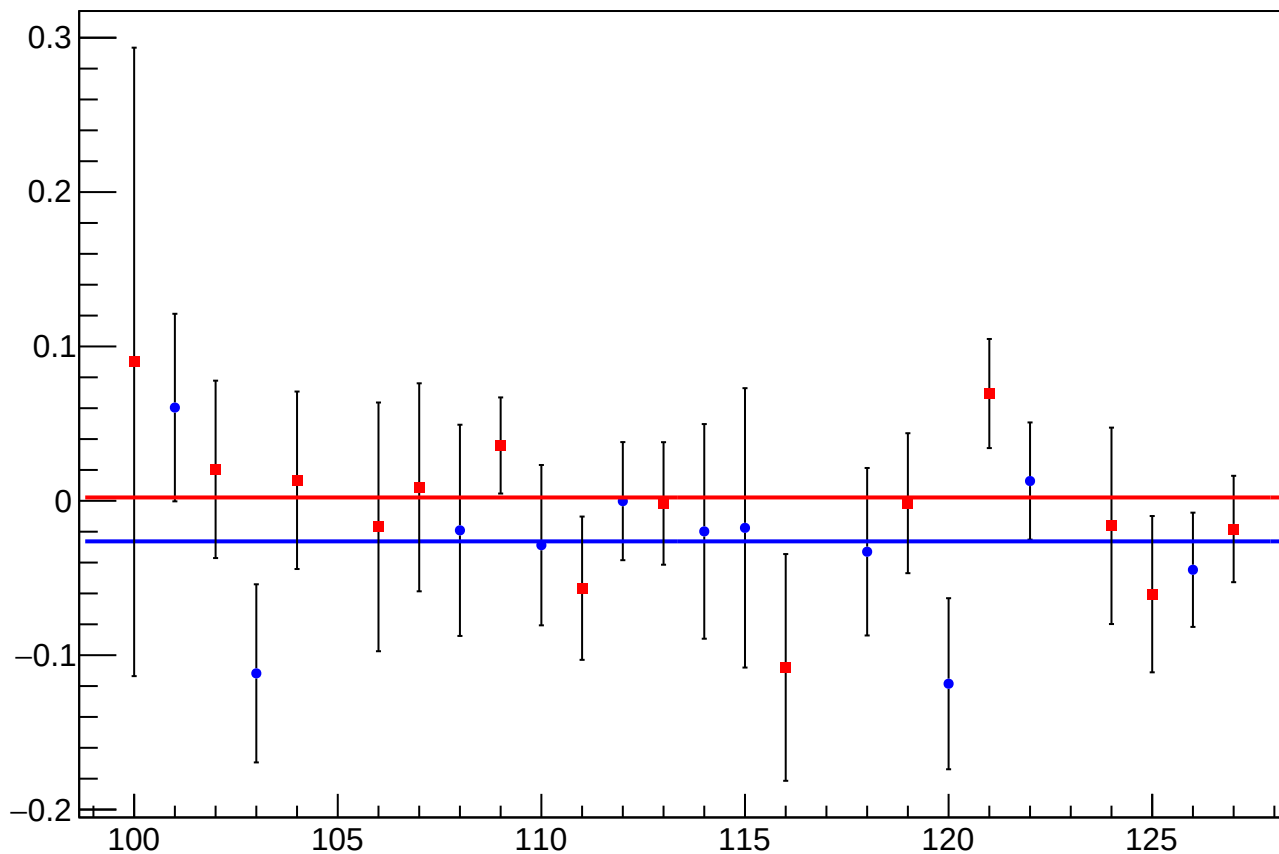
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 882642.7/24

- 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: -0.026 $\pm$ 0.015 χ^2/NDF : 8.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.002 $\pm$ 0.013 χ^2/NDF : 11.0/13

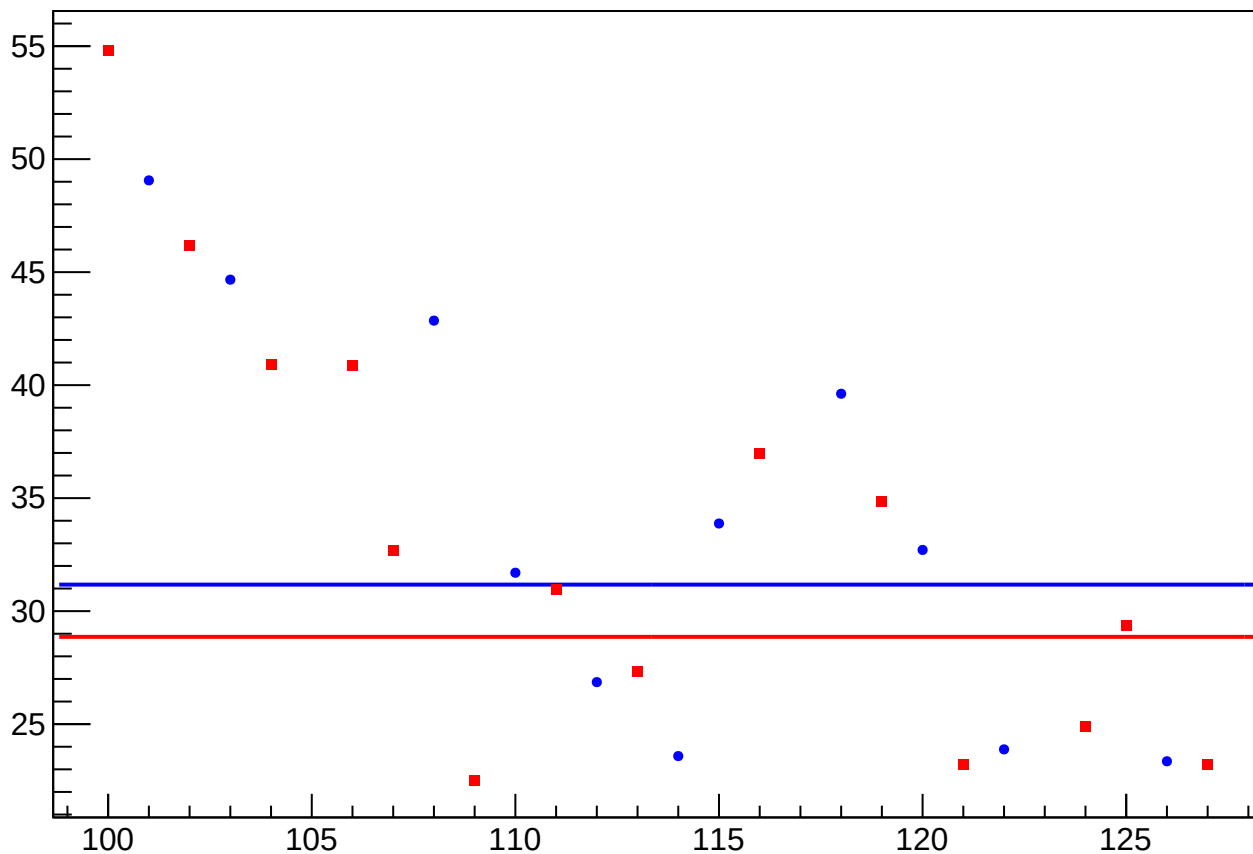
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.010 $\pm$ 0.010 χ^2/NDF : 21.9/24

- 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: 31.174+/-0.011 χ^2/NDF : 605357.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.863+/-0.009 χ^2/NDF : 615729.2/13

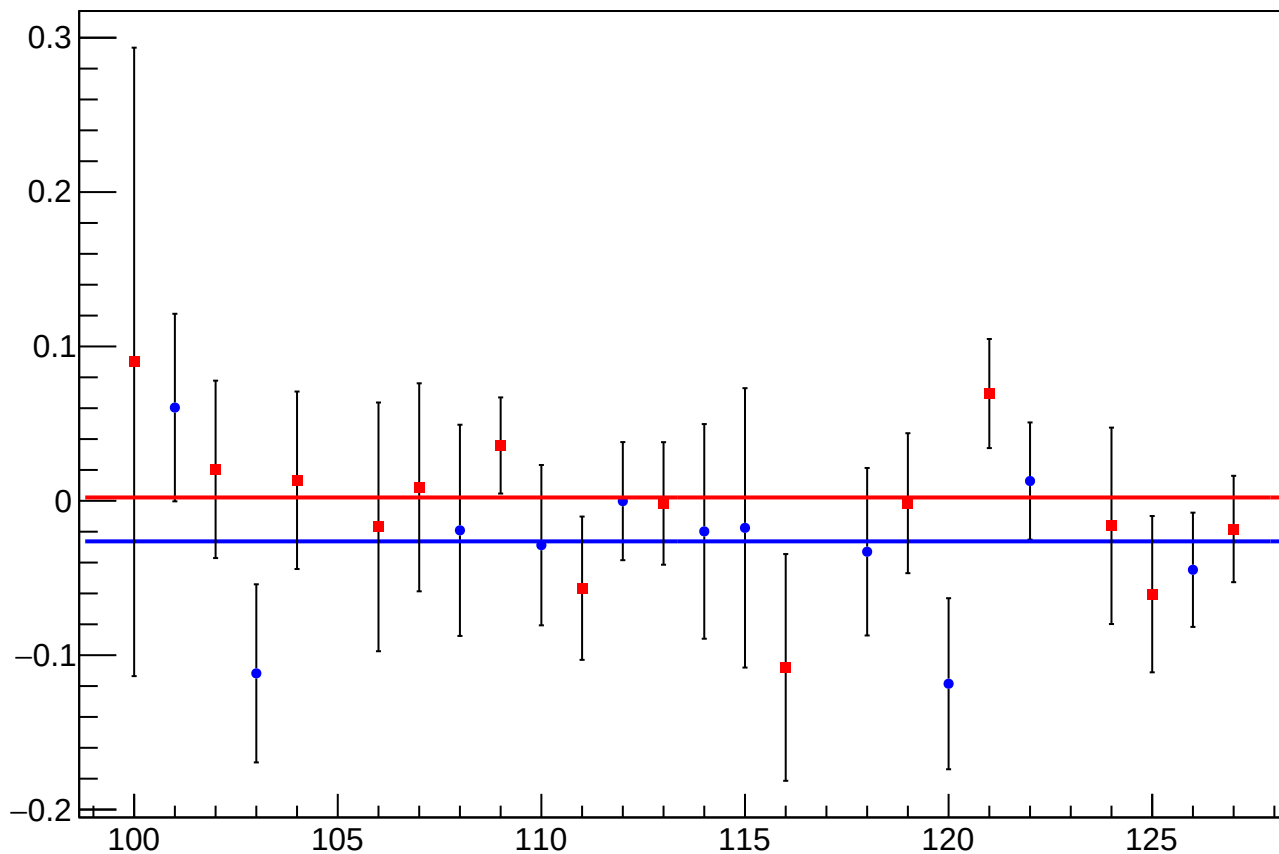
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.814+/-0.007 χ^2/NDF : 1247852.3/24

- 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: -0.026 $\pm$ 0.015 χ^2/NDF : 8.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.002 $\pm$ 0.013 χ^2/NDF : 11.0/13

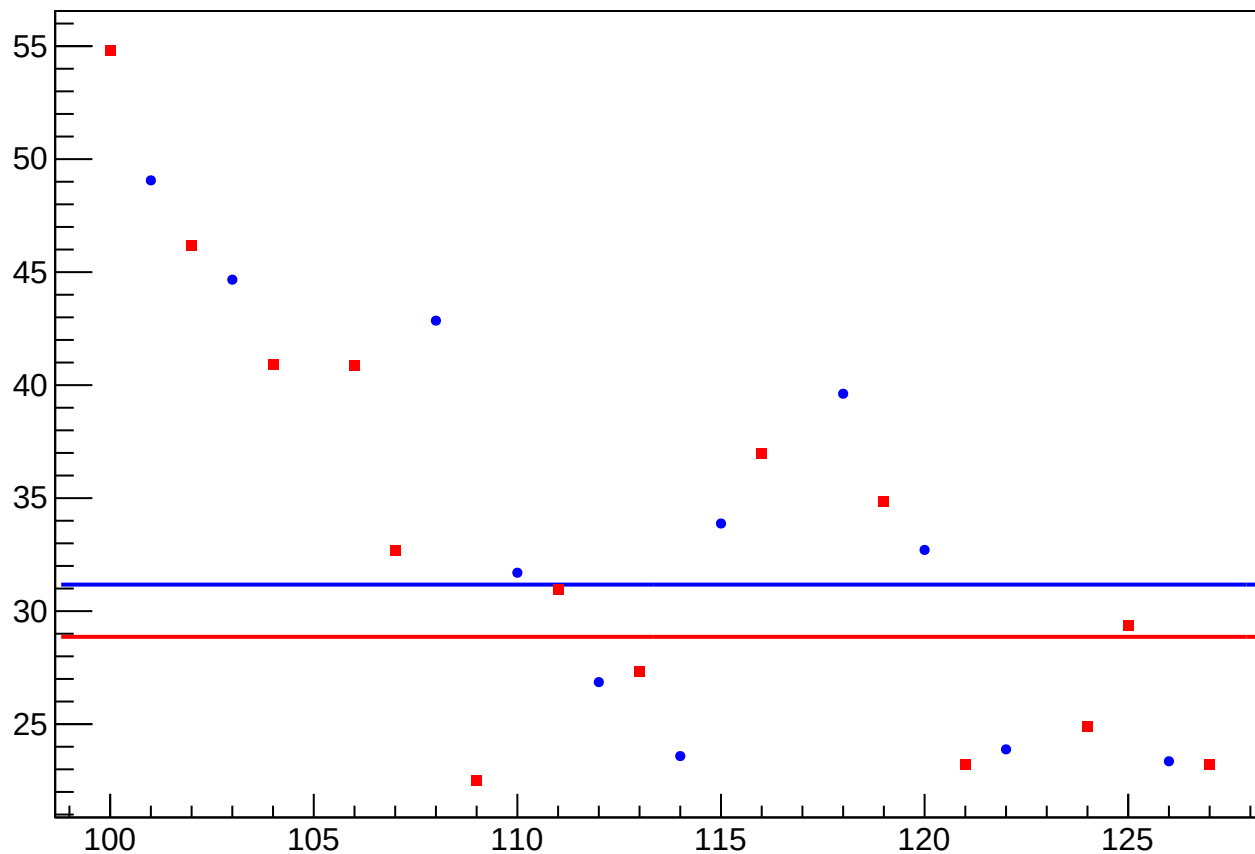
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.010 $\pm$ 0.010 χ^2/NDF : 21.9/24

- 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: 31.174 $\pm$ 0.011 χ^2 /NDF: 605357.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 28.863 $\pm$ 0.009 χ^2 /NDF: 615729.2/13

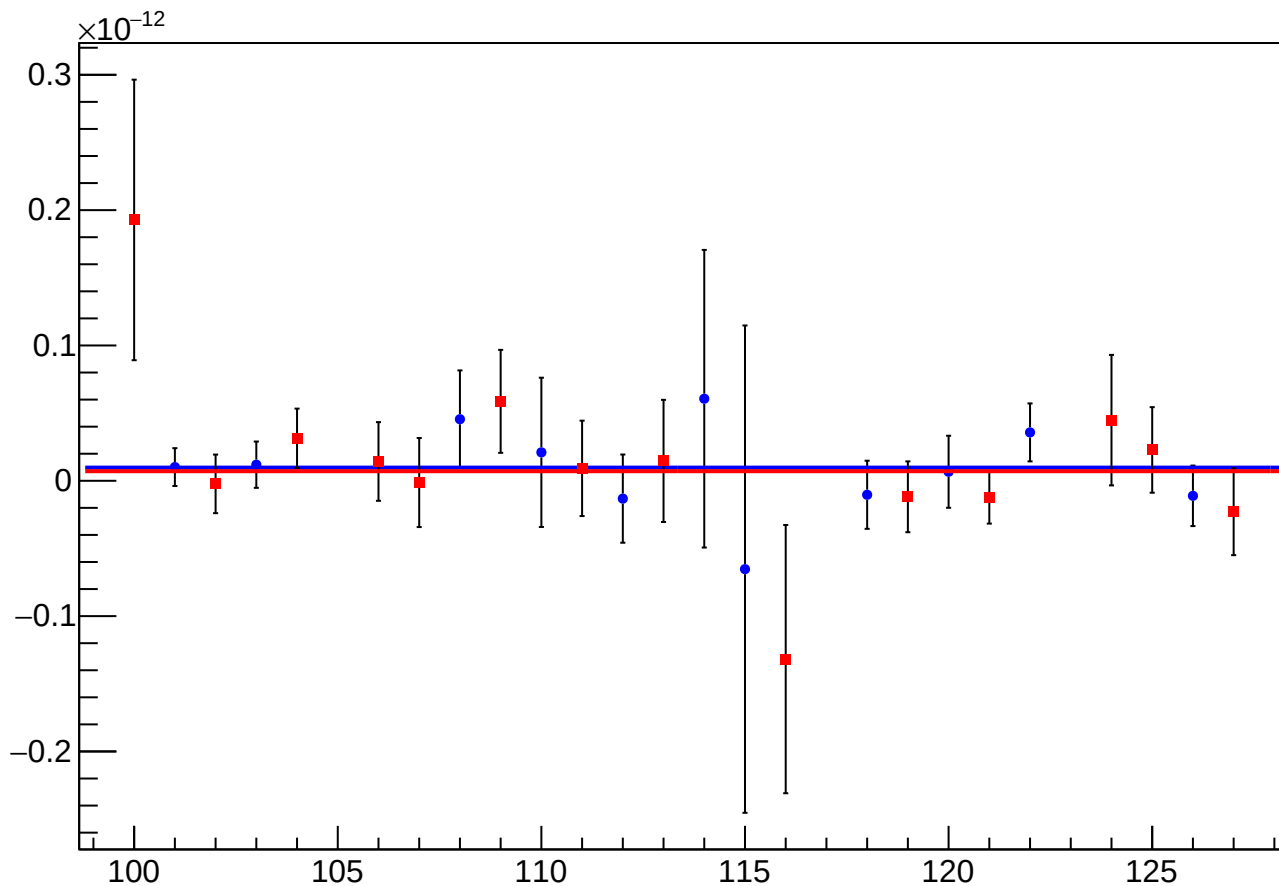
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 29.814 $\pm$ 0.007 χ^2 /NDF: 1247852.3/24

- sign 0.000 $\pm$ 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: 4.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.8/13

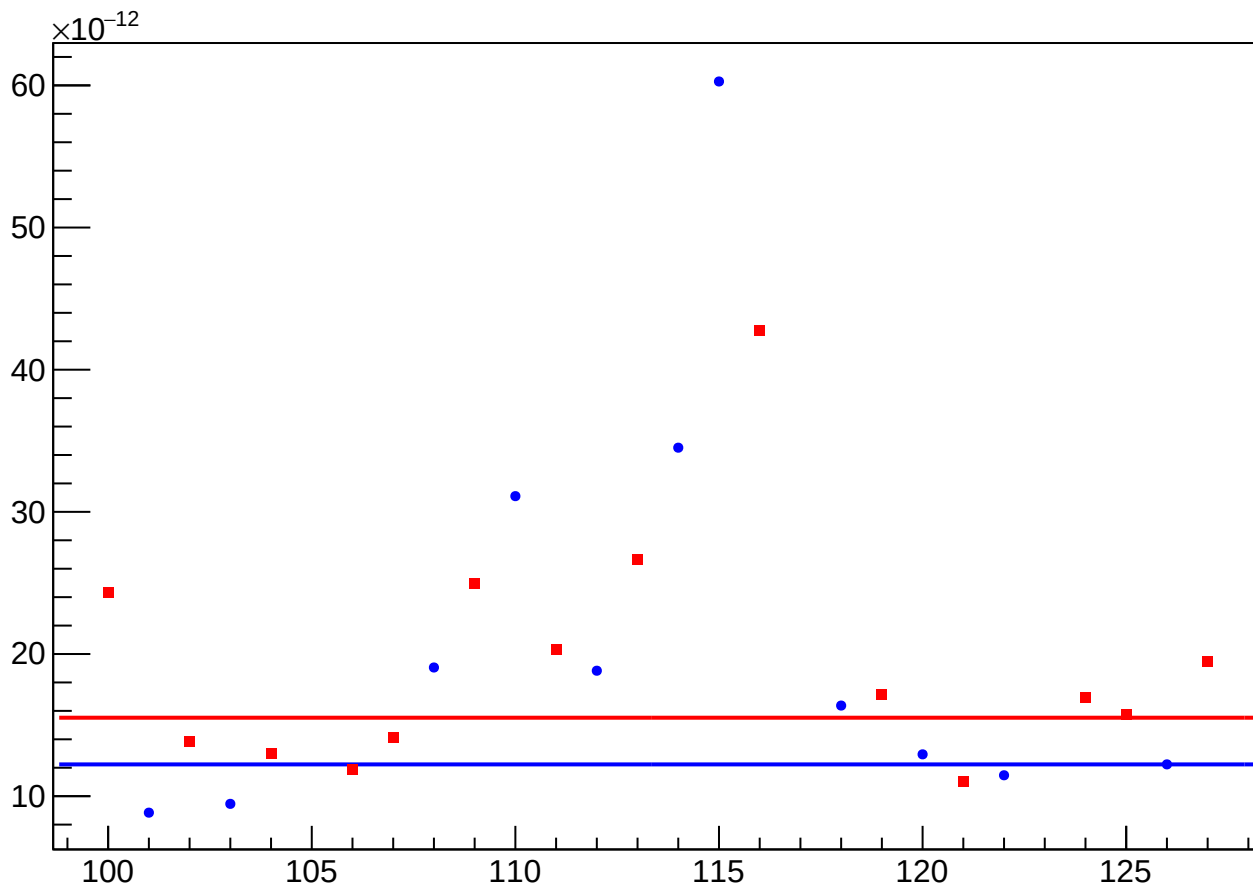
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.8/24

- 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 : 840366.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 669482.0/13

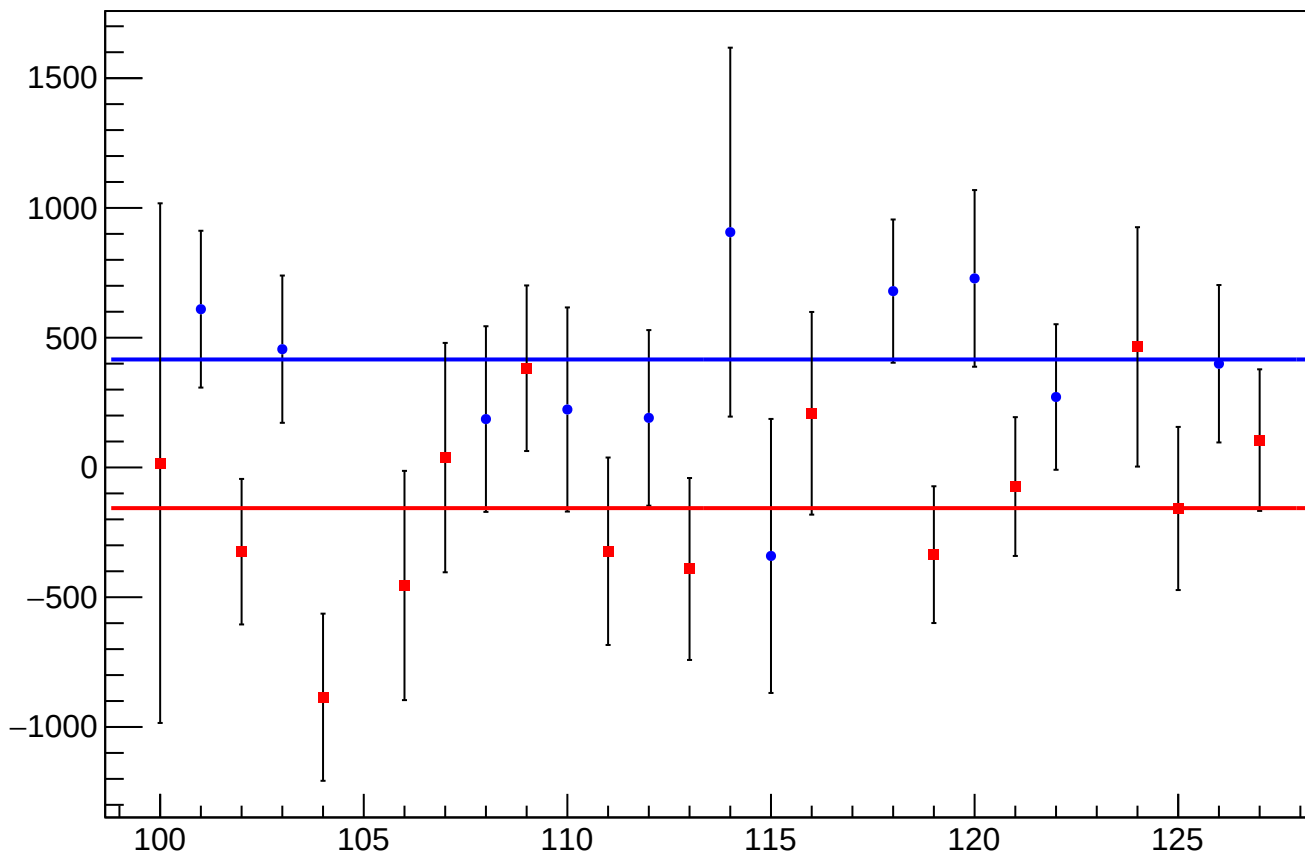
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1685862.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_dd_mean vs Slug



Right In: 416.102 $\pm$ 101.372 χ^2 /NDF: 6.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -156.712 $\pm$ 90.370 χ^2 /NDF: 13.8/13

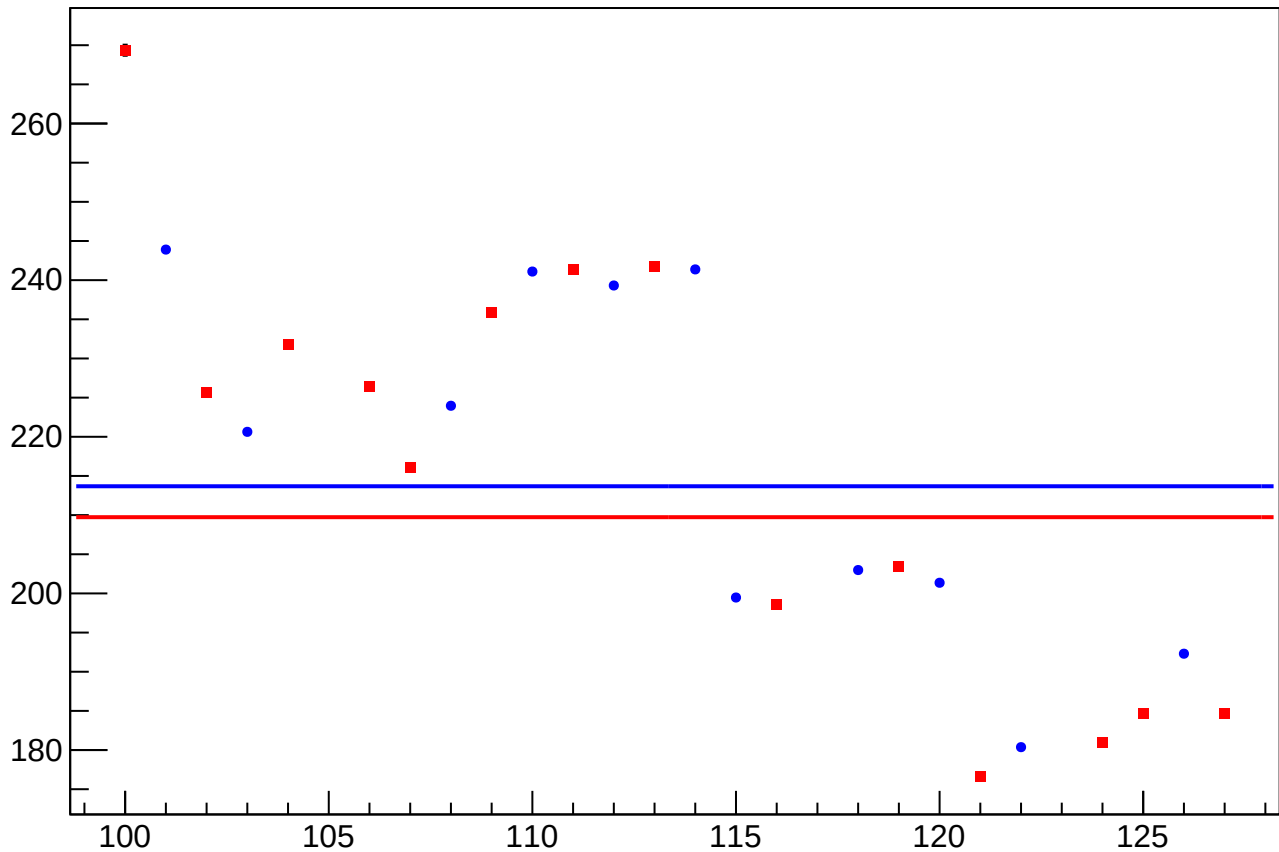
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 96.936 $\pm$ 67.457 χ^2 /NDF: 37.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_dd_rms vs Slug



Right In: 213.683+/-0.072 χ^2/NDF : 92333.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 209.735+/-0.064 χ^2/NDF : 142376.4/13

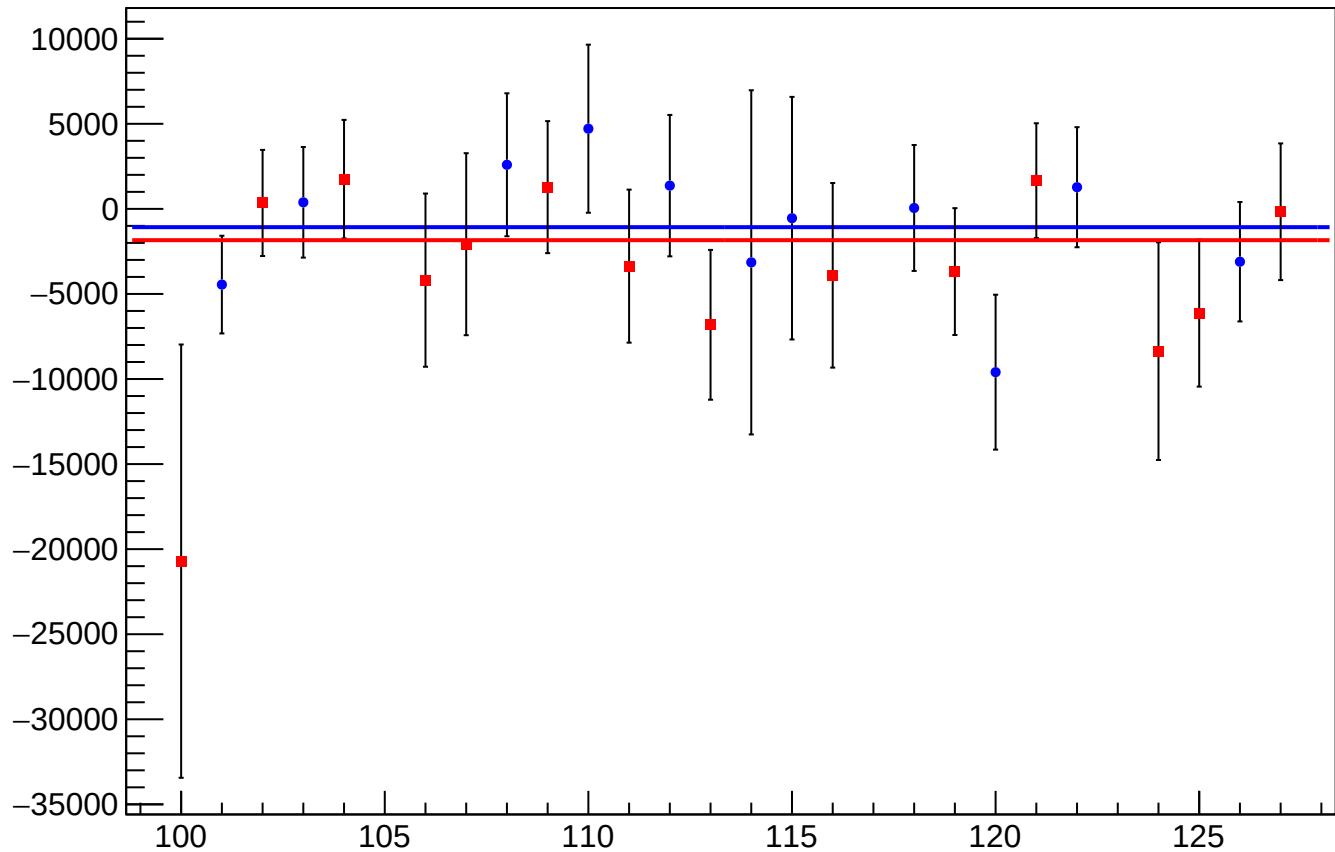
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 211.483+/-0.048 χ^2/NDF : 236400.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_reg_correction_mean vs Slug



Right In: -1074.574+/-1209.414 χ^2 /NDF: 8.5/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1840.074+/-1142.469 χ^2 /NDF: 9.7/13

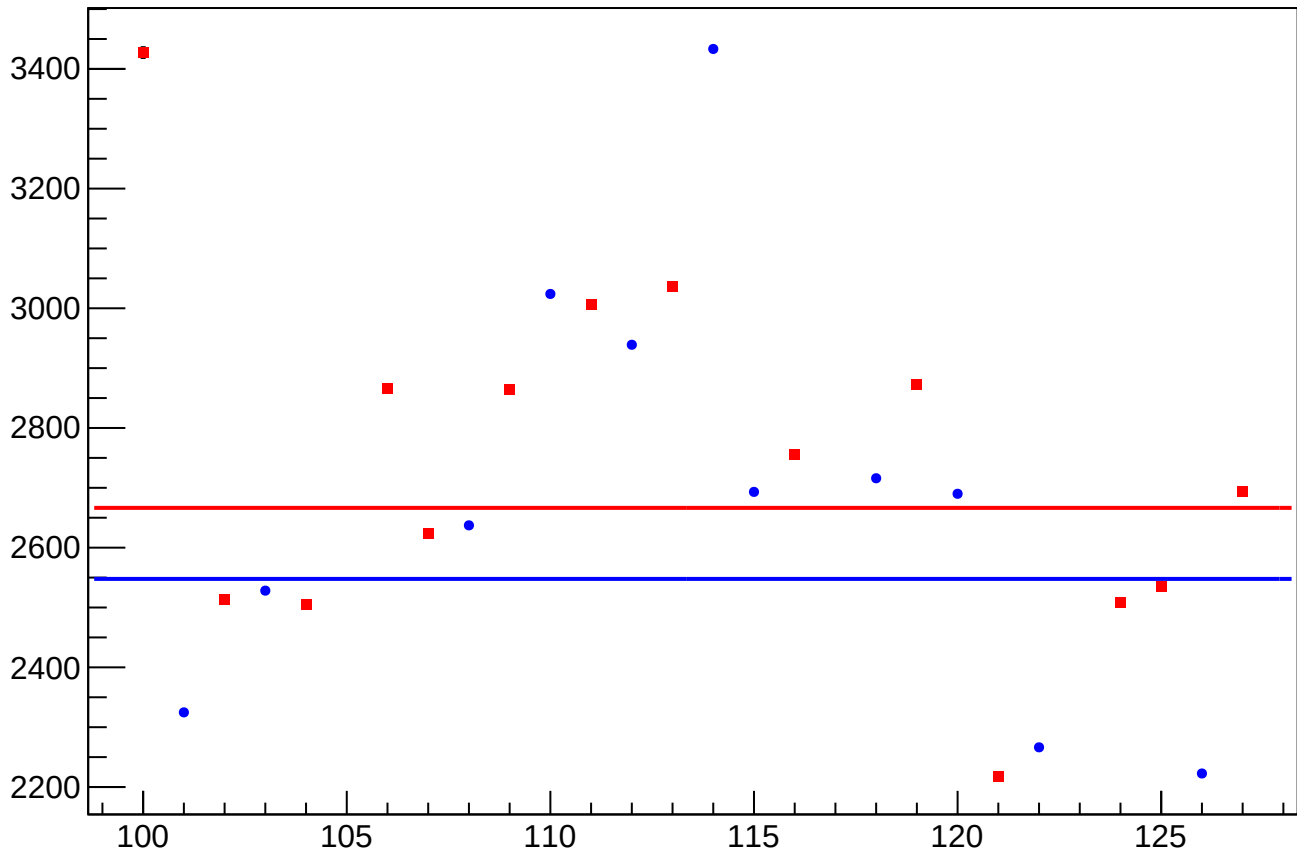
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1479.096+/-830.506 χ^2 /NDF: 18.4/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_reg_correction_rms vs Slug



Right In: 2547.793+/-0.855 χ^2/NDF : 101486.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

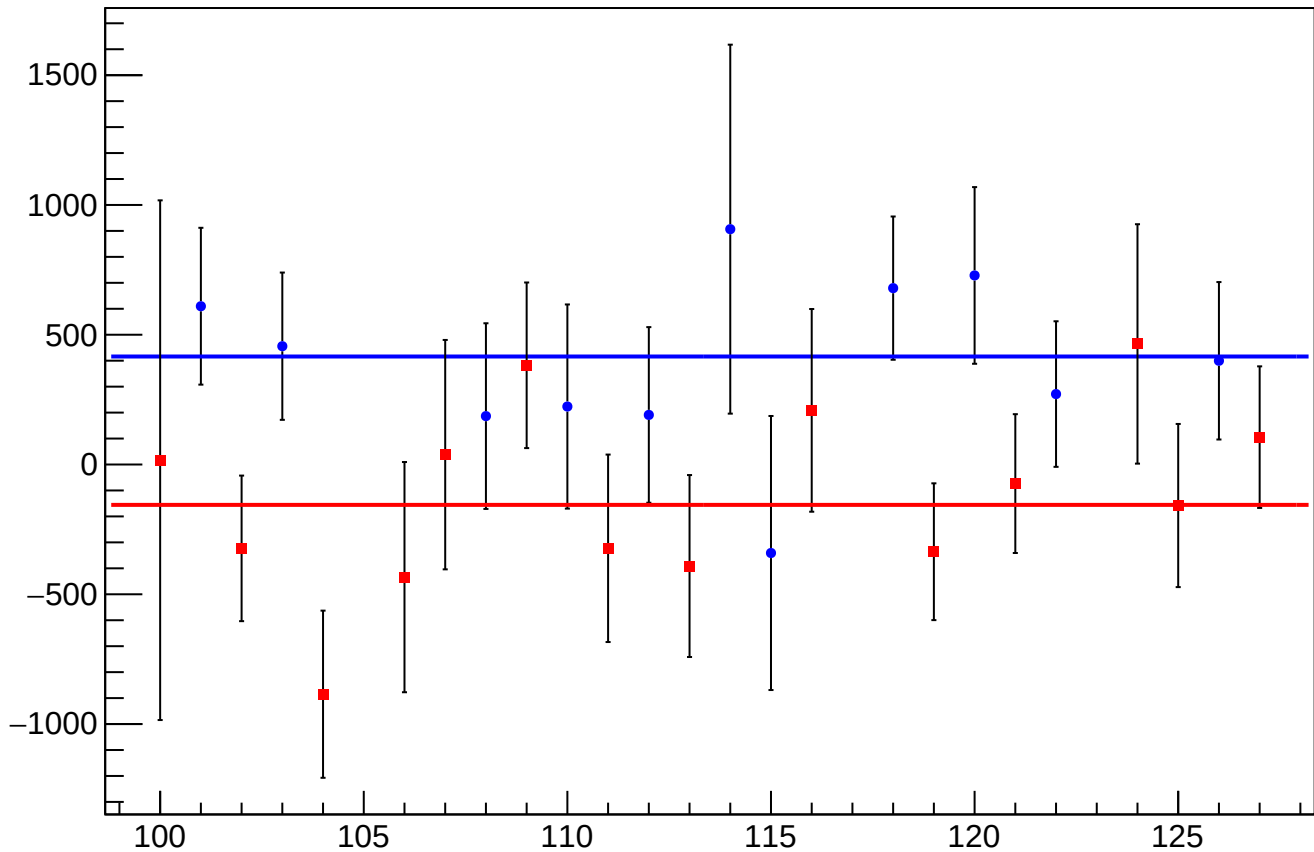
Right Out: 2666.480+/-0.808 χ^2/NDF : 95410.2/13

All: 2610.512+/-0.587 χ^2/NDF : 207074.8/24

- 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_sam_26_dd_mean vs Slug



Right In: 416.120+/-101.372 χ^2/NDF : 6.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -155.563+/-90.388 χ^2/NDF : 13.8/13

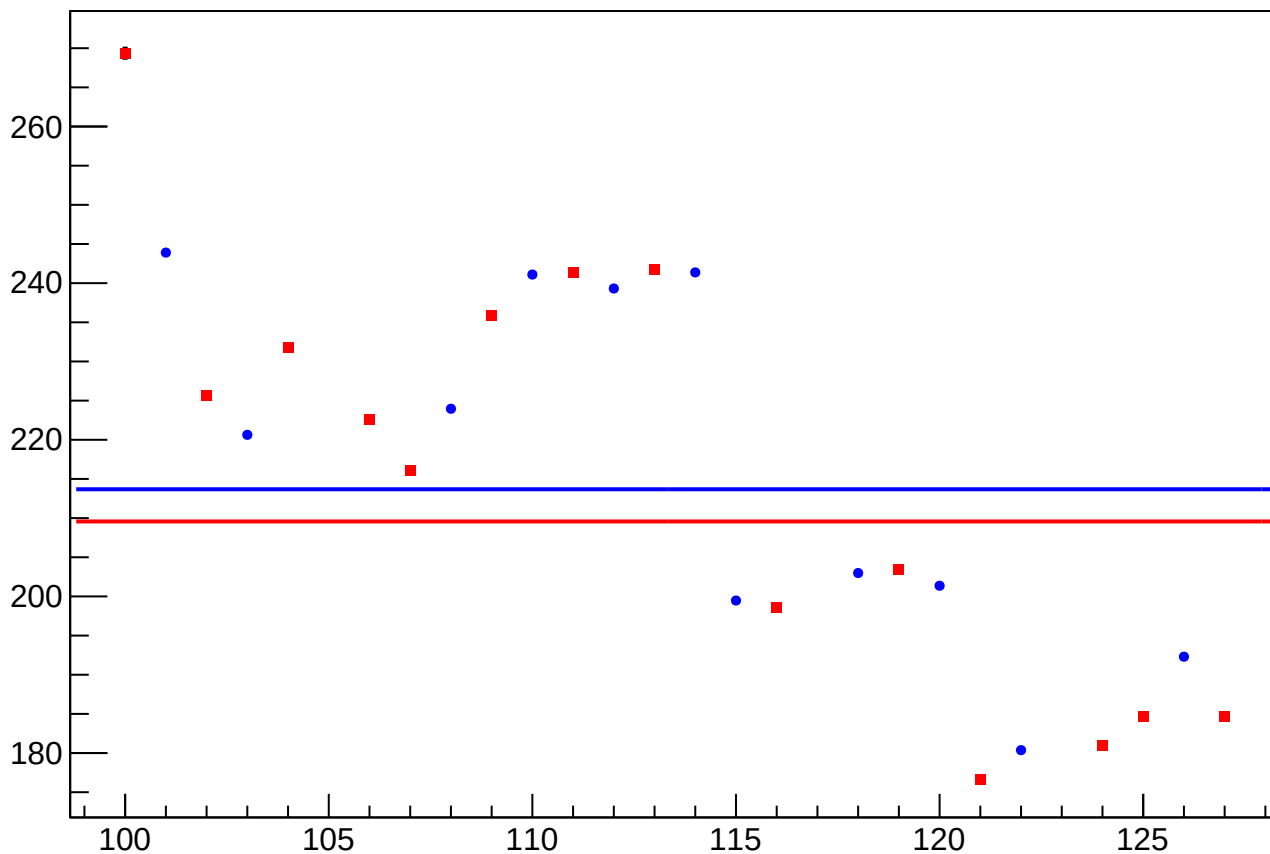
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.640+/-67.464 χ^2/NDF : 37.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_26_dd_rms vs Slug



Right In: 213.683 $\pm$ 0.072 χ^2 /NDF: 92333.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 209.571 $\pm$ 0.064 χ^2 /NDF: 141214.6/13

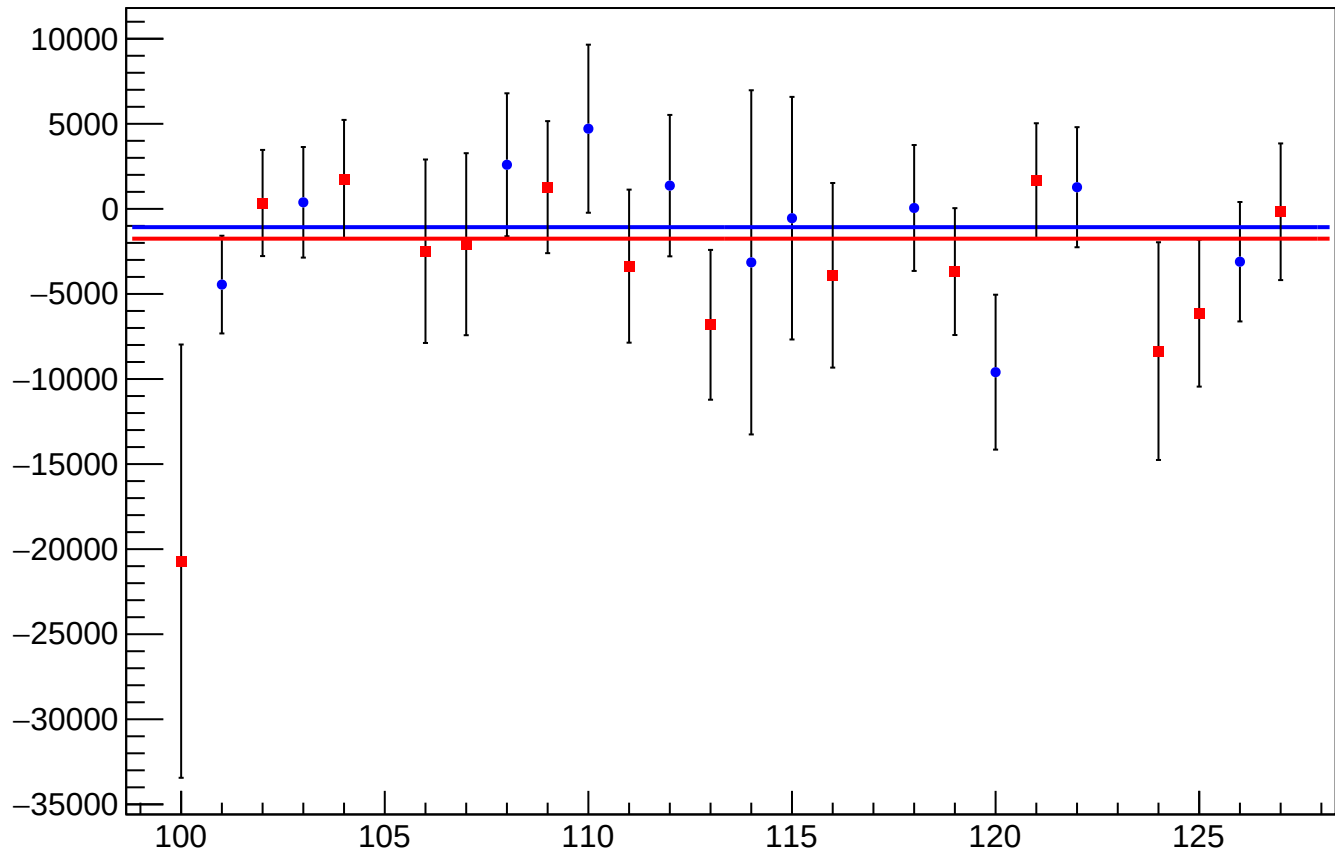
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 211.392 $\pm$ 0.048 χ^2 /NDF: 235381.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_cor_correction_mean vs Slug



Right In: -1074.477 $\pm$ 1209.418 χ^2 /NDF: 8.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1750.937 $\pm$ 1145.665 χ^2 /NDF: 9.5/13

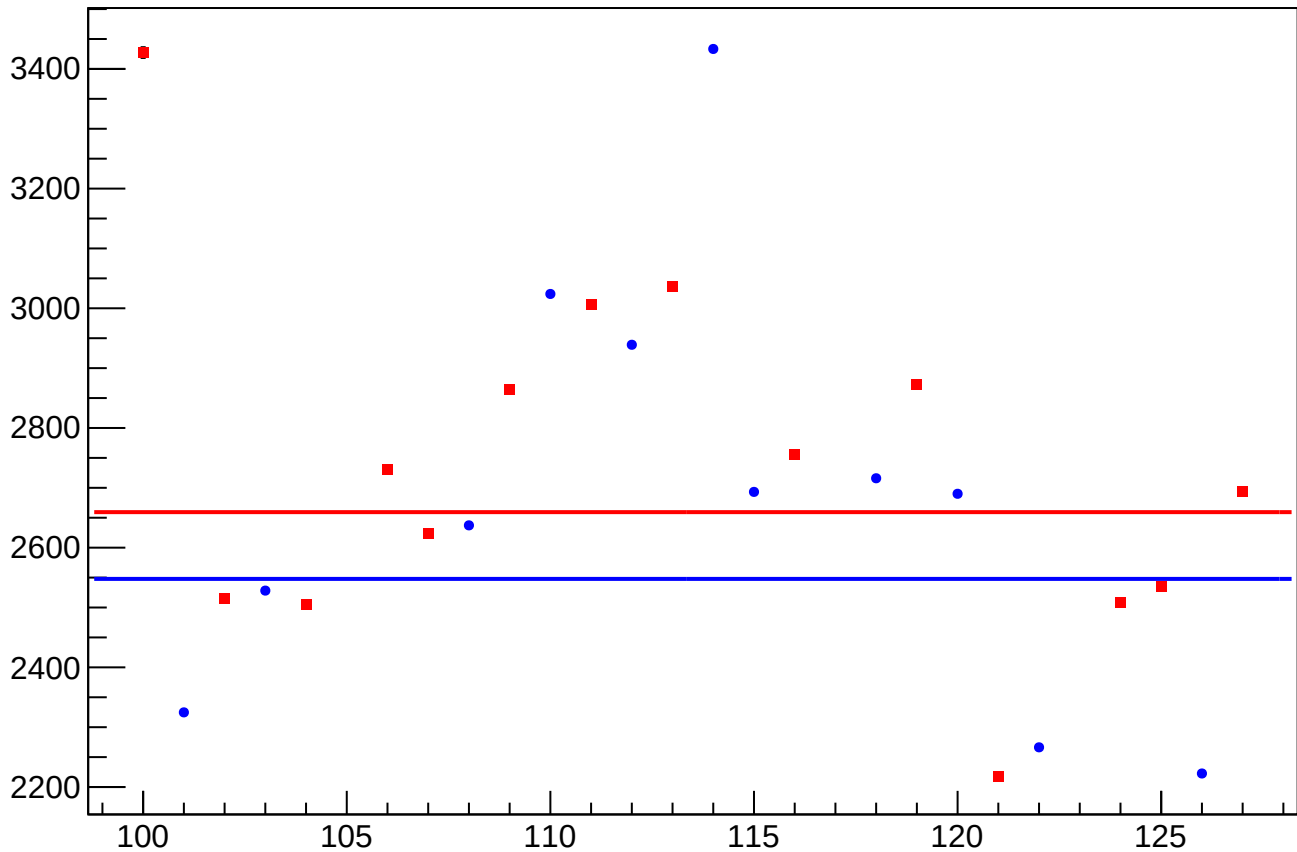
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1431.006 $\pm$ 831.733 χ^2 /NDF: 18.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_cor_correction_rms vs Slug



Right In: 2547.802 $\pm$ 0.855 χ^2 /NDF: 101485.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2659.364 $\pm$ 0.810 χ^2 /NDF: 92456.5/13

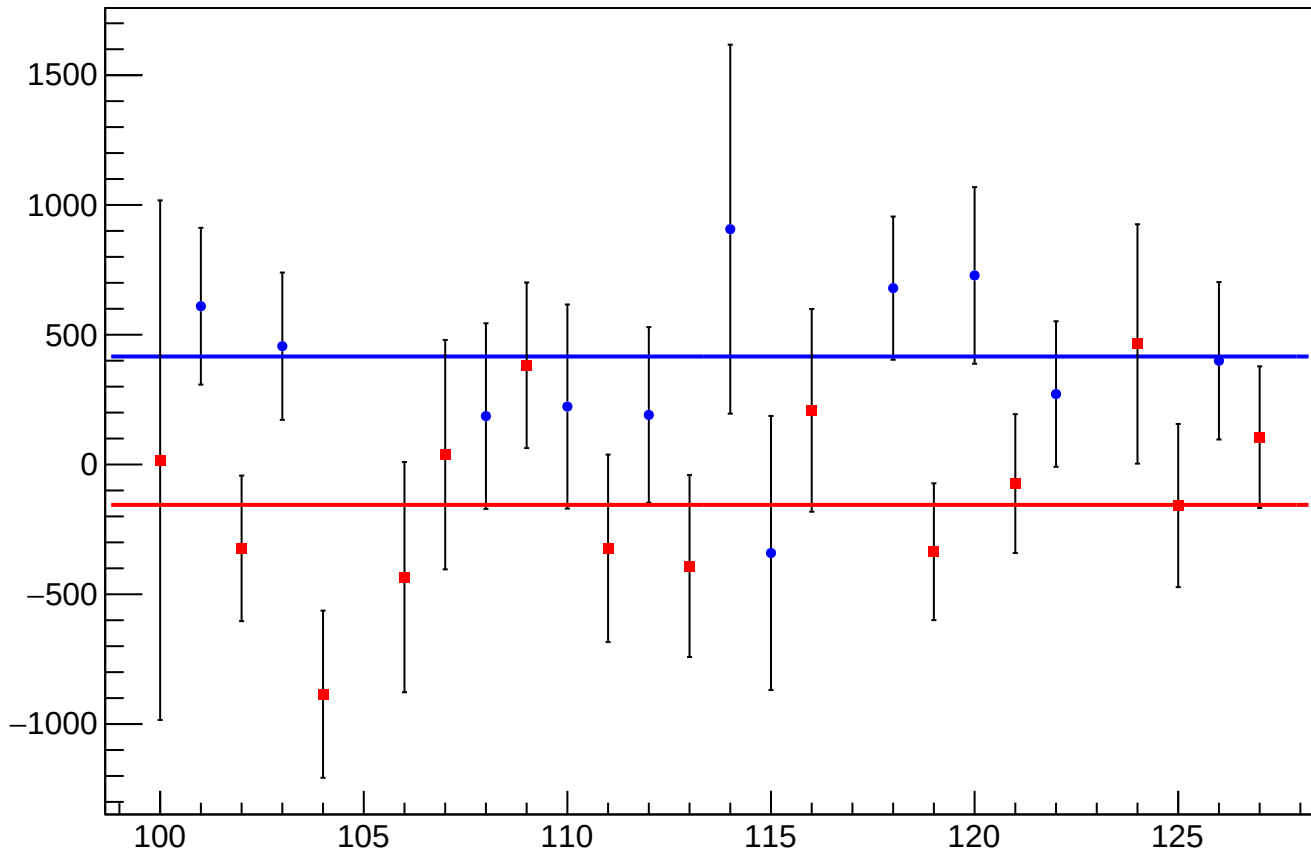
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2606.601 $\pm$ 0.588 χ^2 /NDF: 202911.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_26_dd_mean vs Slug



Right In: 416.120+/-101.372 χ^2 /NDF: 6.1/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -155.563+/-90.388 χ^2 /NDF: 13.8/13

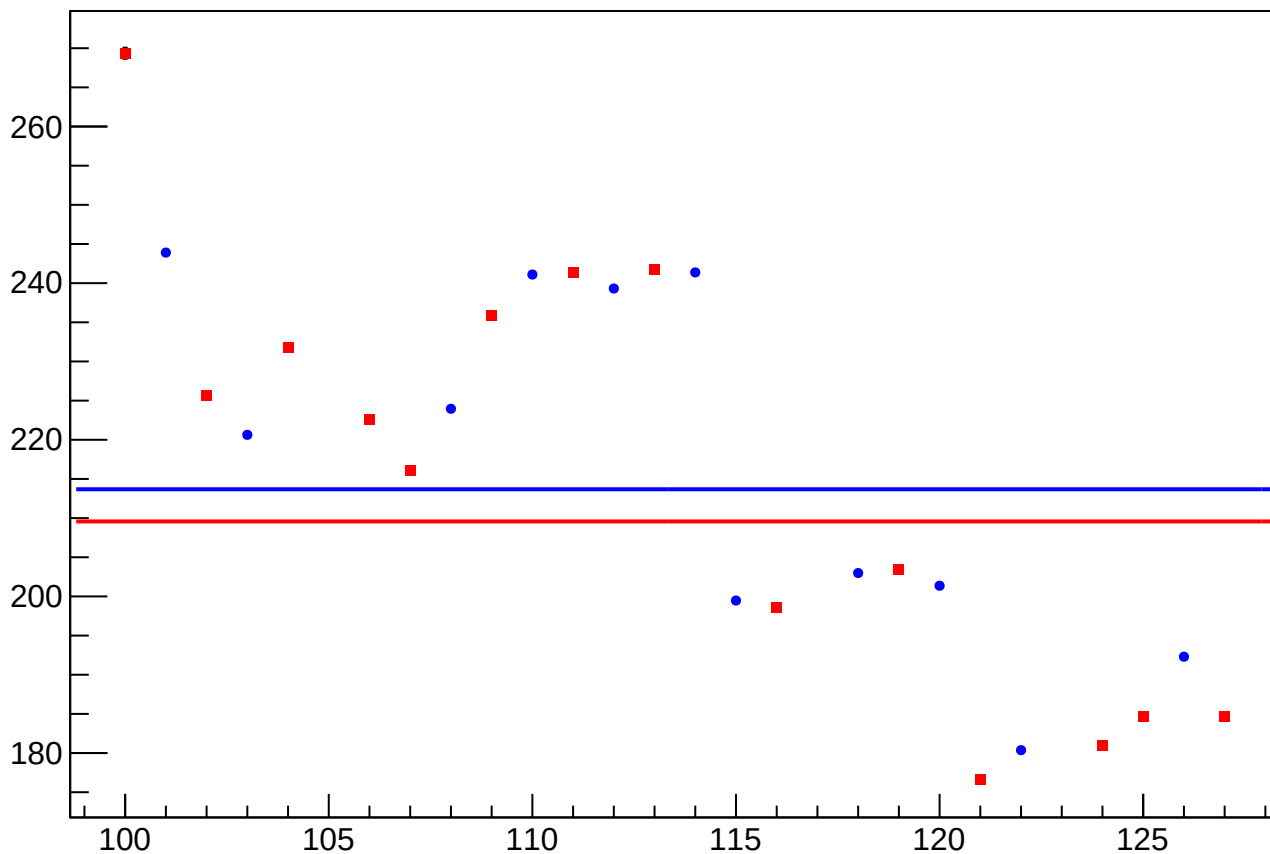
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 97.640+/-67.464 χ^2 /NDF: 37.6/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_26_dd_rms vs Slug



Right In: 213.683 $\pm$ 0.072 χ^2 /NDF: 92333.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 209.571 $\pm$ 0.064 χ^2 /NDF: 141214.6/13

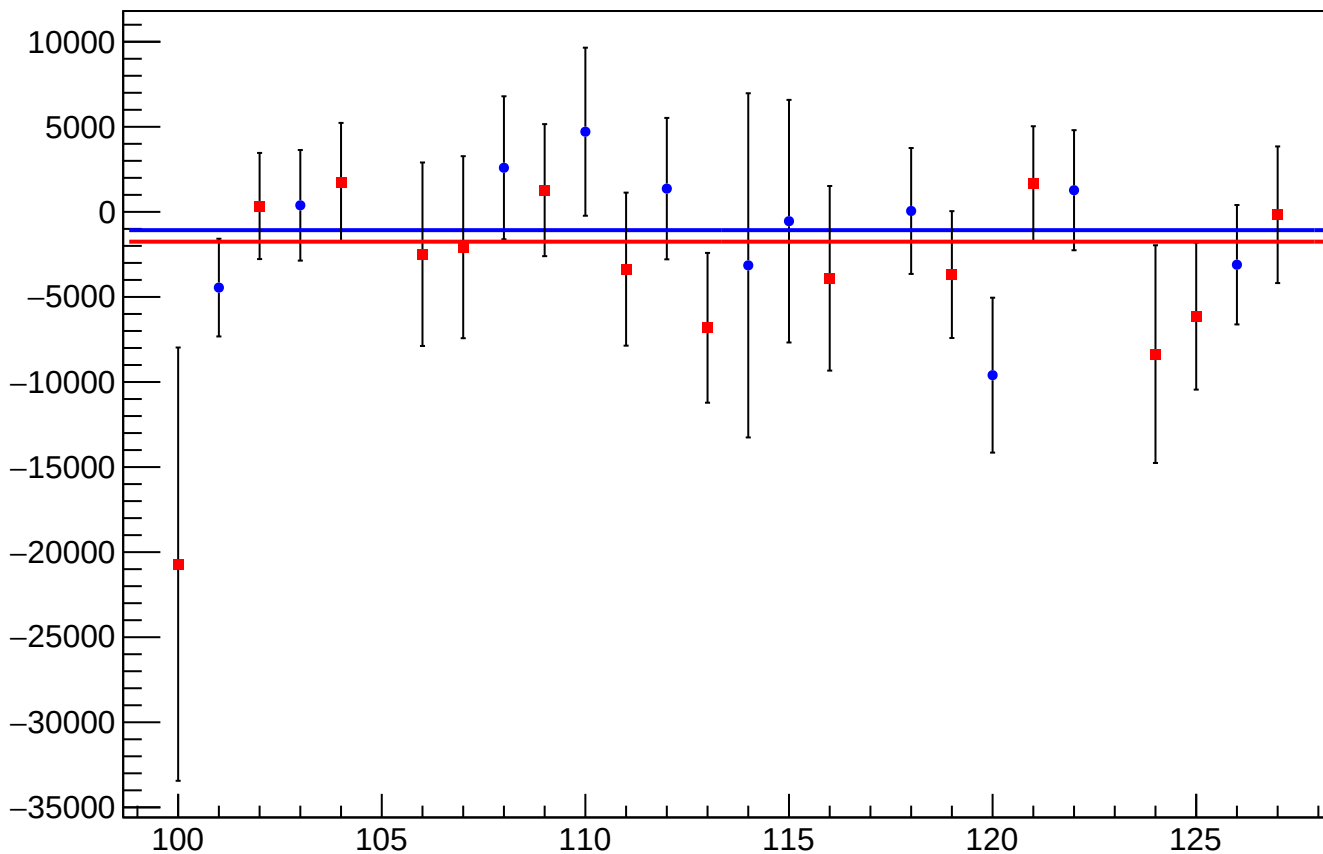
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 211.392 $\pm$ 0.048 χ^2 /NDF: 235381.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_eigen_cor_correction_mean vs Slug



Right In: -1074.477 ± 1209.418 χ^2/NDF : 8.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1750.937 ± 1145.665 χ^2/NDF : 9.5/13

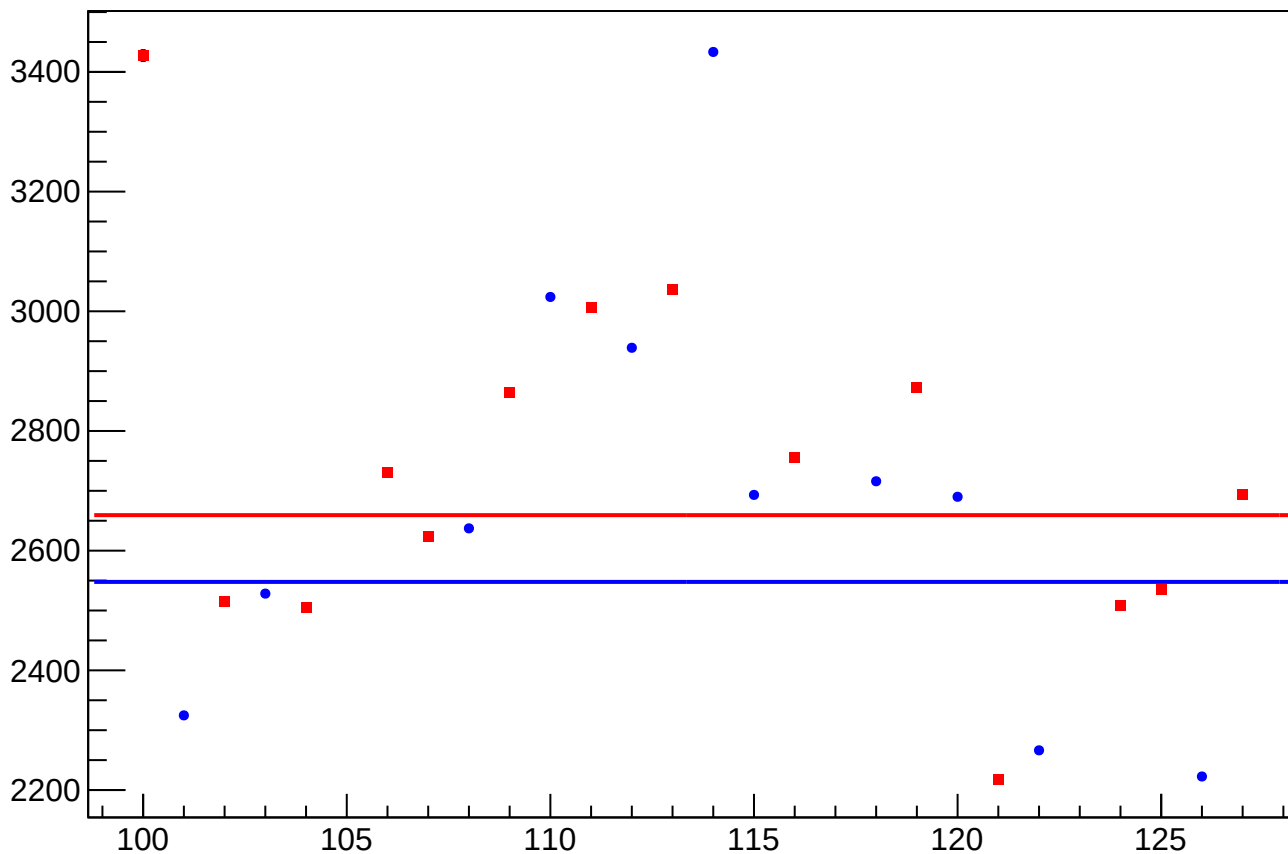
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1431.006 ± 831.733 χ^2/NDF : 18.1/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_eigen_cor_correction_rms vs Slug



Right In: 2547.802 $\pm$ 0.855 χ^2 /NDF: 101485.7/10

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

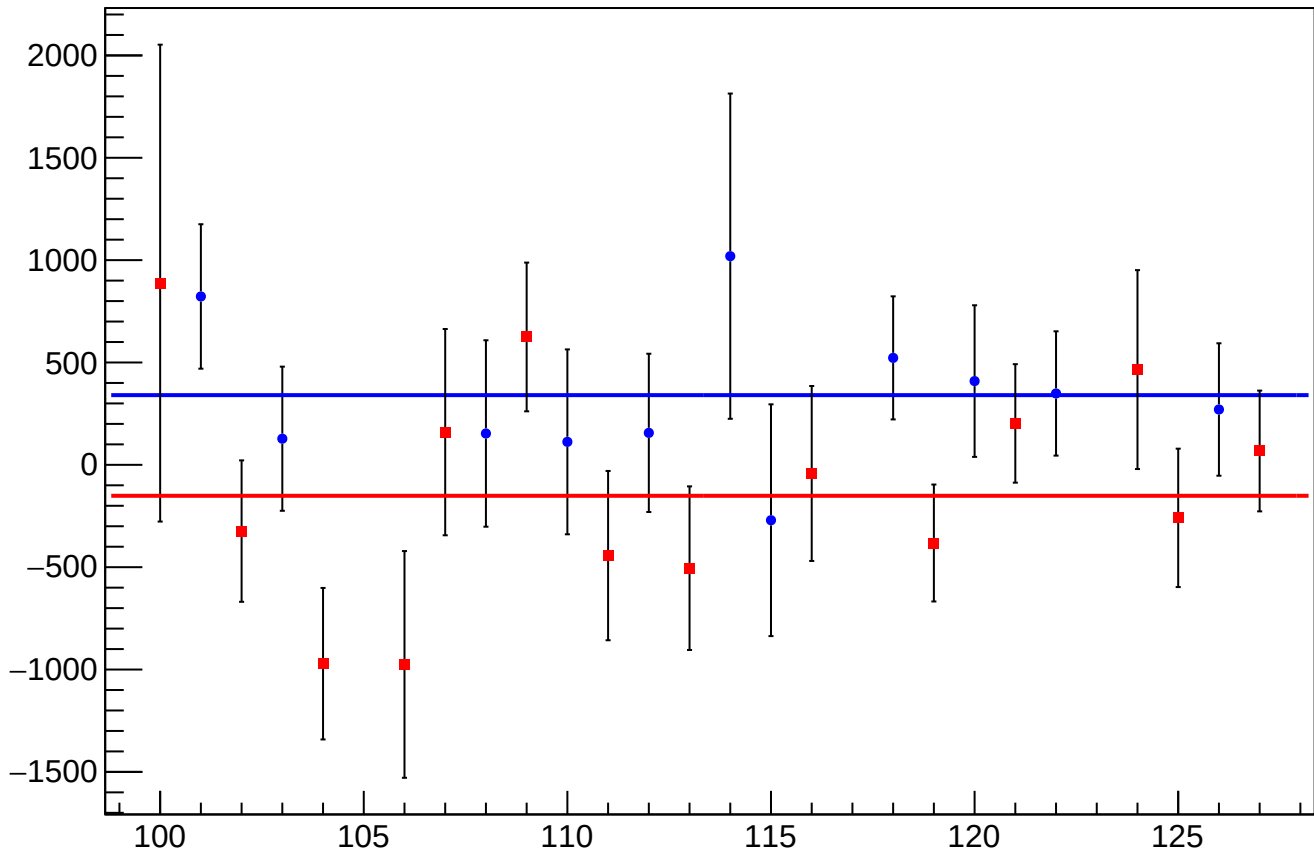
Right Out: 2659.364 $\pm$ 0.810 χ^2 /NDF: 92456.5/13

All: 2606.601 $\pm$ 0.588 χ^2 /NDF: 202911.7/24

- 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

dit_asym_sam_26_dd_mean vs Slug



Right In: 340.523+/-114.724 χ^2/NDF : 5.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -151.179+/-101.293 χ^2/NDF : 18.9/13

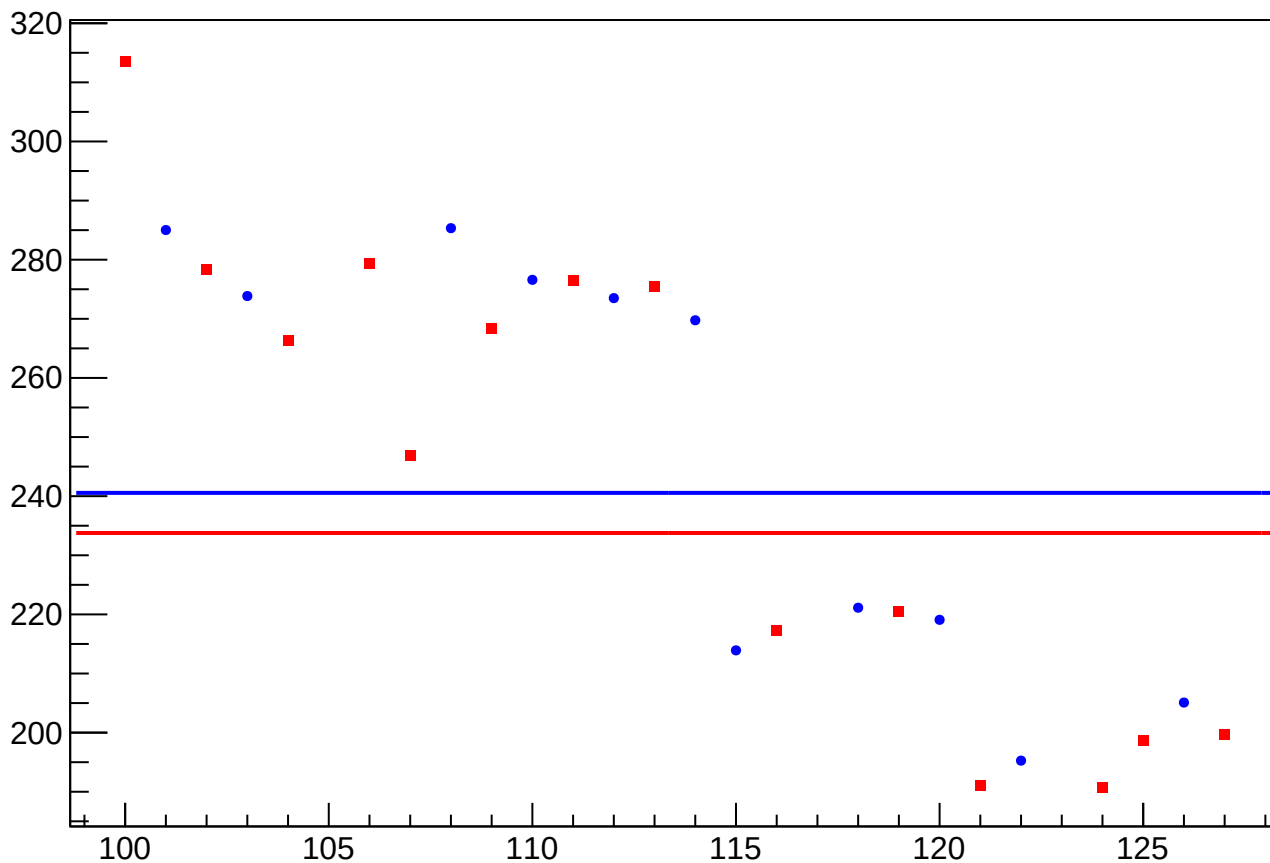
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.219+/-75.932 χ^2/NDF : 34.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_dd_rms vs Slug



Right In: 240.557 $\pm$ 0.081 χ^2 /NDF: 186987.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 233.771 $\pm$ 0.072 χ^2 /NDF: 249041.5/13

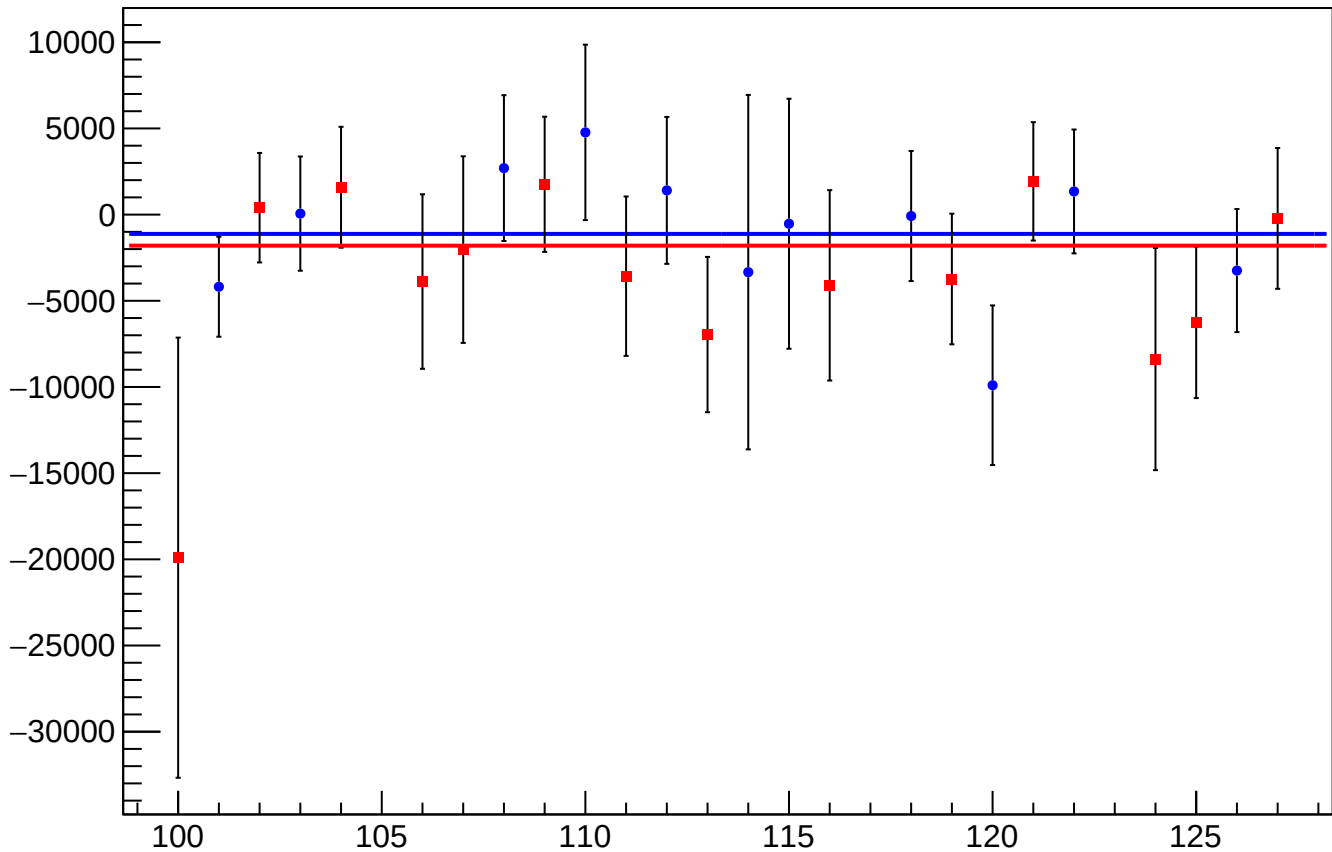
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 236.744 $\pm$ 0.054 χ^2 /NDF: 439960.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_dit_correction_mean vs Slug



Right In: -1119.038+/-1230.281 χ^2/NDF : 8.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1800.424+/-1159.625 χ^2/NDF : 9.7/13

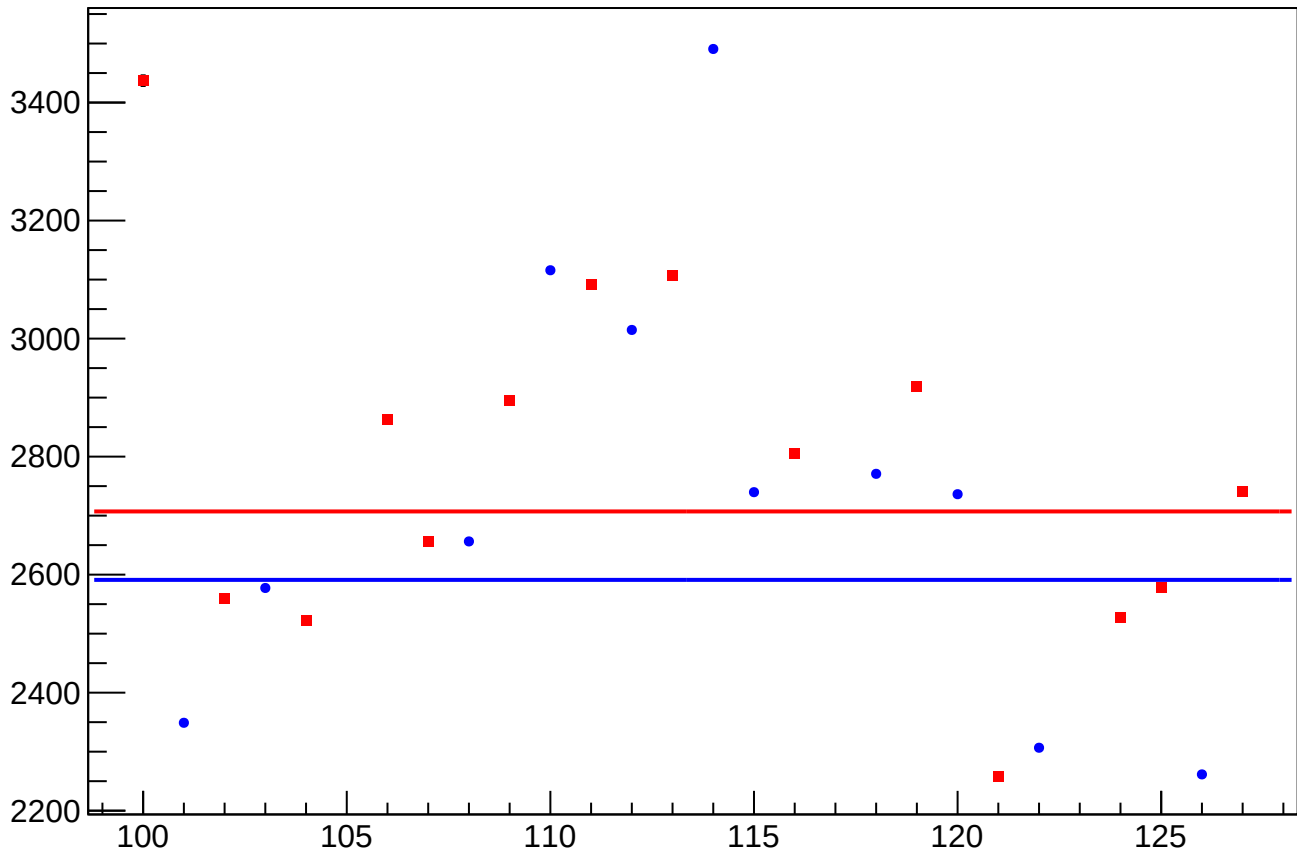
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1479.858+/-843.852 χ^2/NDF : 18.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_dit_correction_rms vs Slug



Right In: 2591.118 $\pm$ 0.870 χ^2 /NDF: 107681.0/10

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

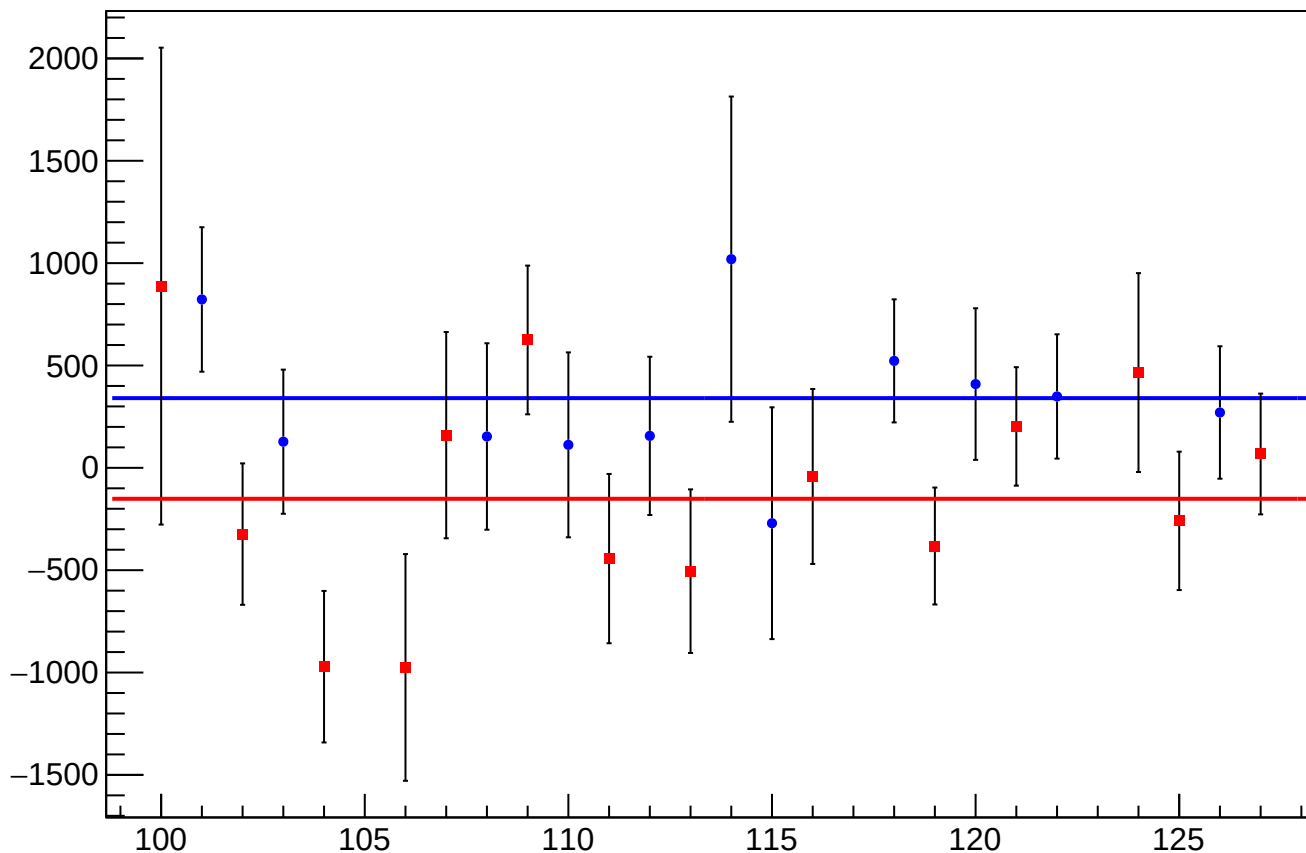
Right Out: 2707.099 $\pm$ 0.820 χ^2 /NDF: 97009.7/13

All: 2652.534 $\pm$ 0.597 χ^2 /NDF: 214102.9/24

- 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_sam_26_dd_mean vs Slug



Right In: 340.524 ± 114.723 χ^2/NDF : 5.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -151.175 ± 101.293 χ^2/NDF : 18.9/13

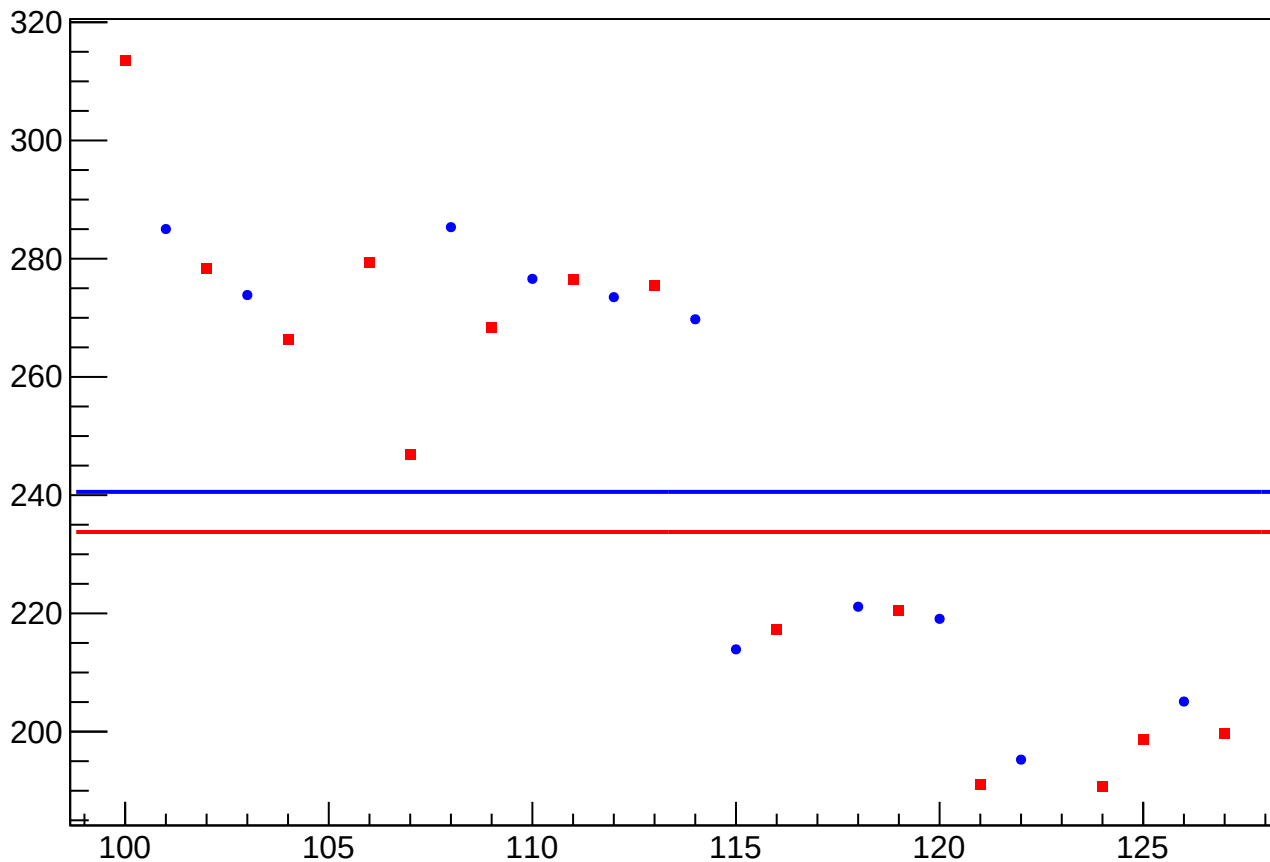
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 64.221 ± 75.931 χ^2/NDF : 34.4/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_26_dd_rms vs Slug



Right In: 240.556 $\pm$ 0.081 χ^2 /NDF: 186981.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 233.770 $\pm$ 0.072 χ^2 /NDF: 249035.0/13

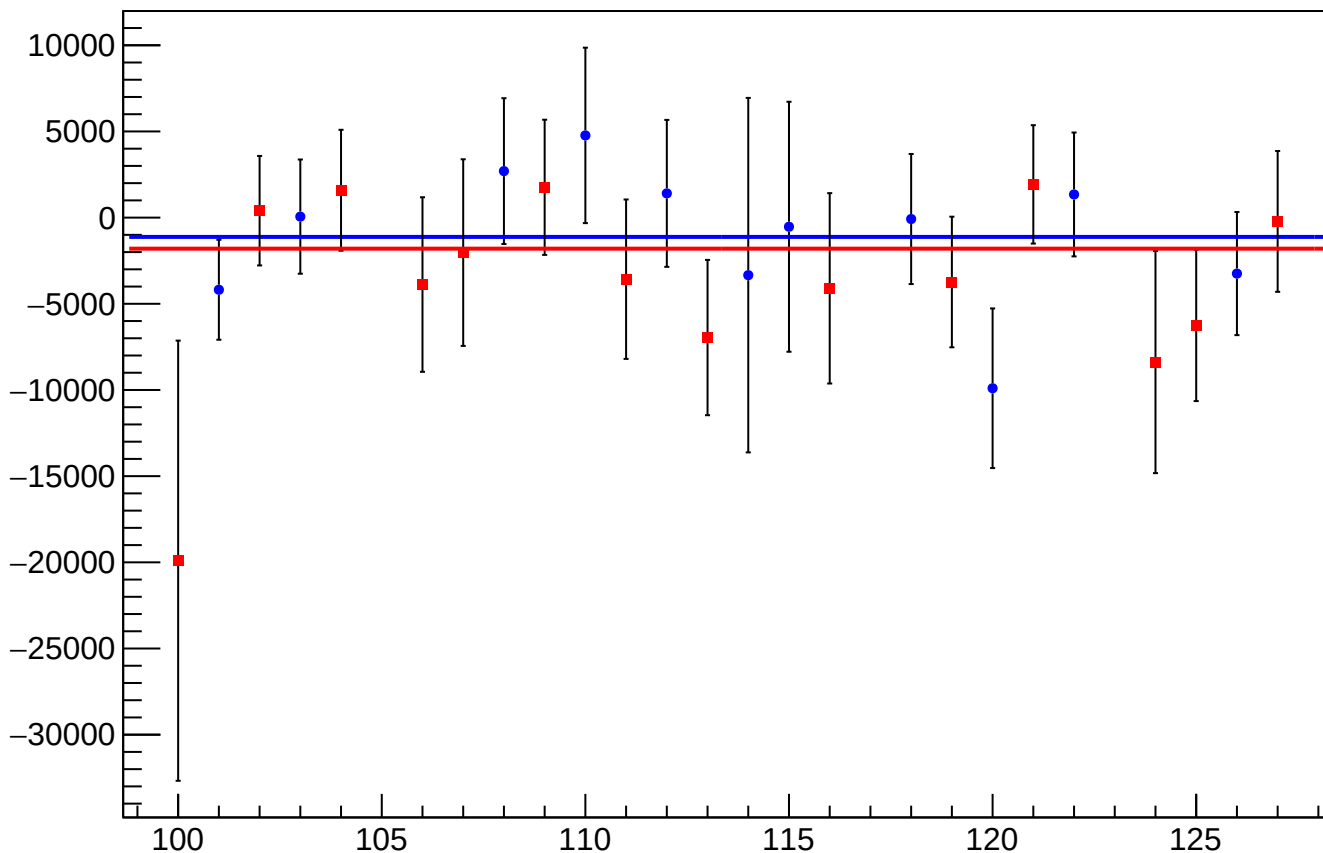
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 236.743 $\pm$ 0.054 χ^2 /NDF: 439948.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_eigen_dit_correction_mean vs Slug



Right In: -1119.035 $\pm$ 1230.278 χ^2 /NDF: 8.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1800.419 $\pm$ 1159.622 χ^2 /NDF: 9.7/13

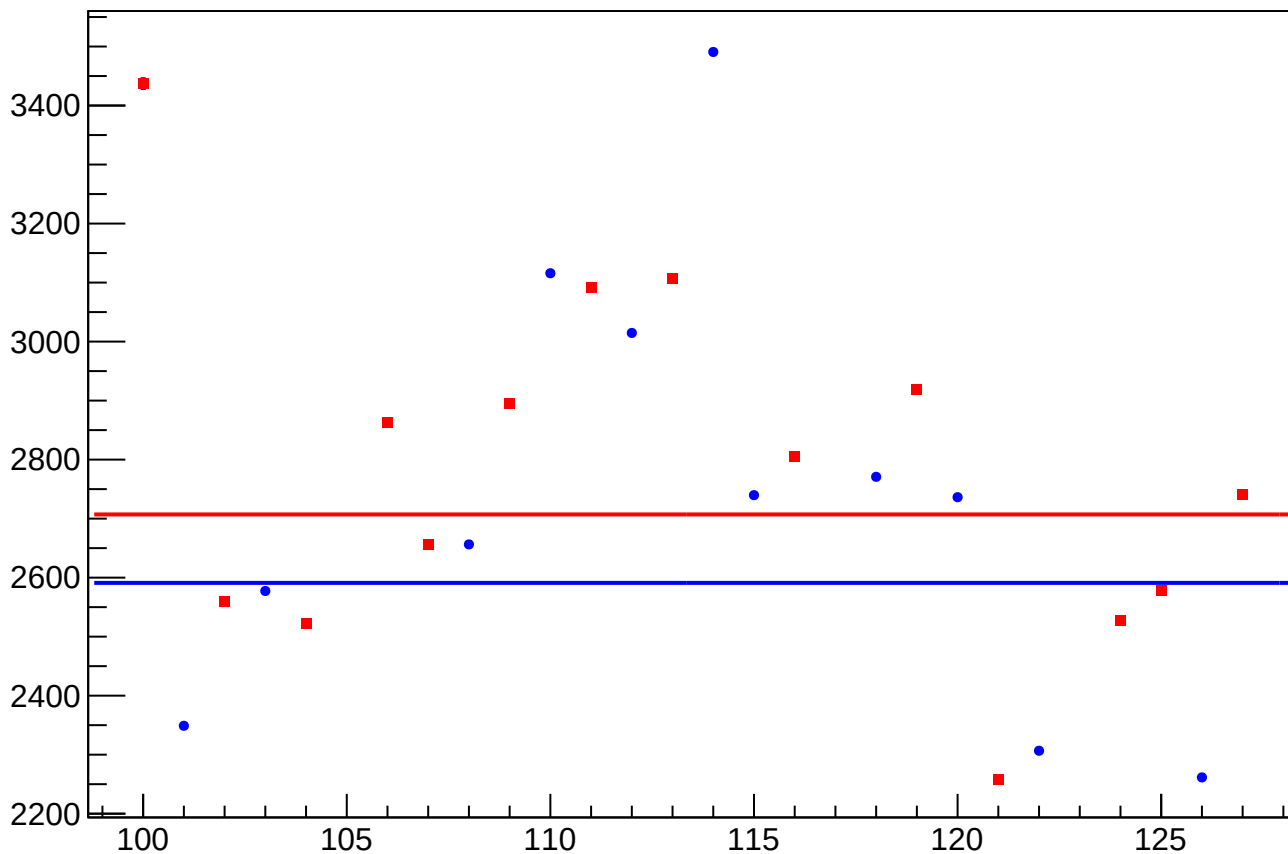
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1479.854 $\pm$ 843.850 χ^2 /NDF: 18.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_eigen_dit_correction_rms vs Slug



Right In: 2591.113+/-0.870 χ^2/NDF : 107678.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2707.093+/-0.820 χ^2/NDF : 97008.3/13

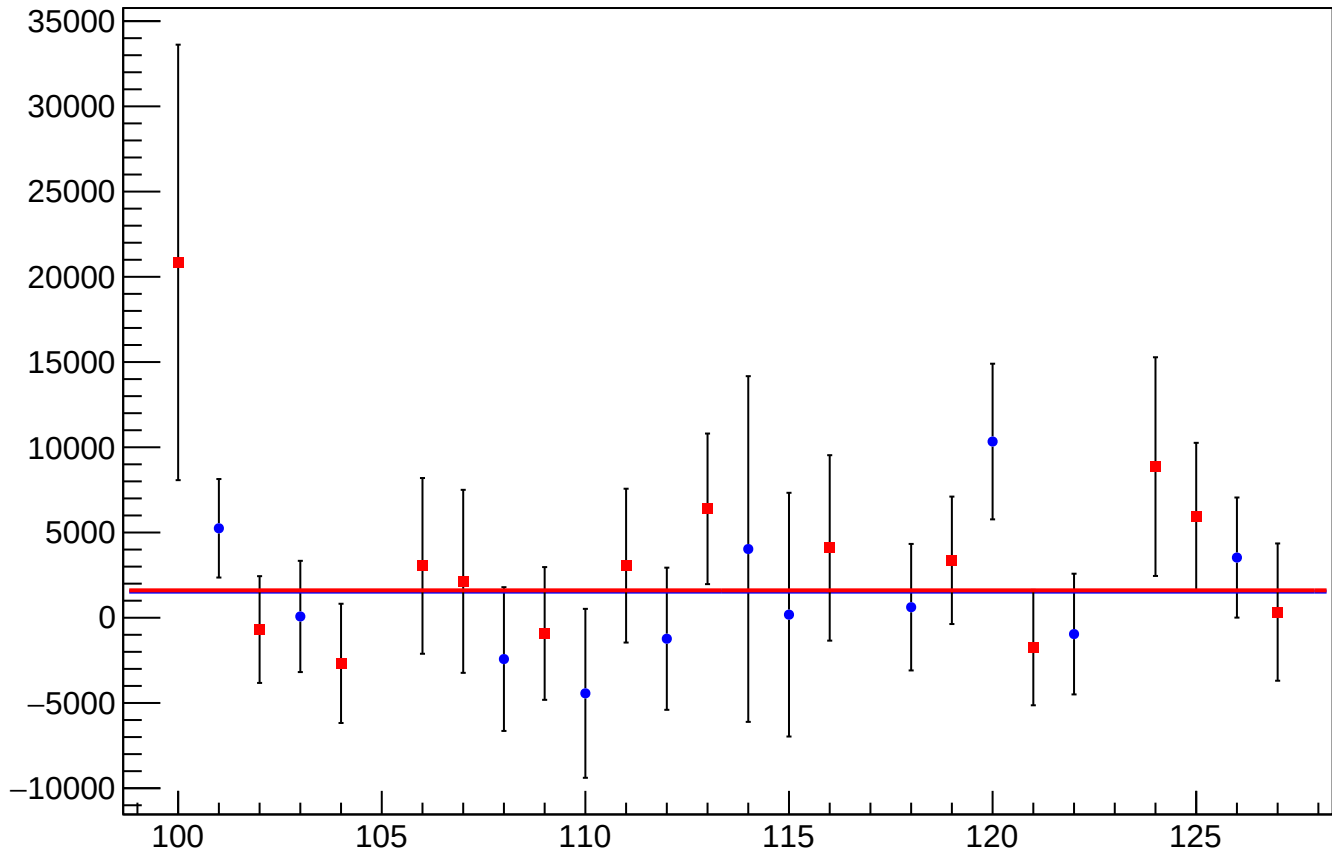
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2652.529+/-0.597 χ^2/NDF : 214098.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_mean vs Slug



Right In: 1532.637+/-1214.117 χ^2/NDF : 9.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1607.207+/-1146.765 χ^2/NDF : 9.9/13

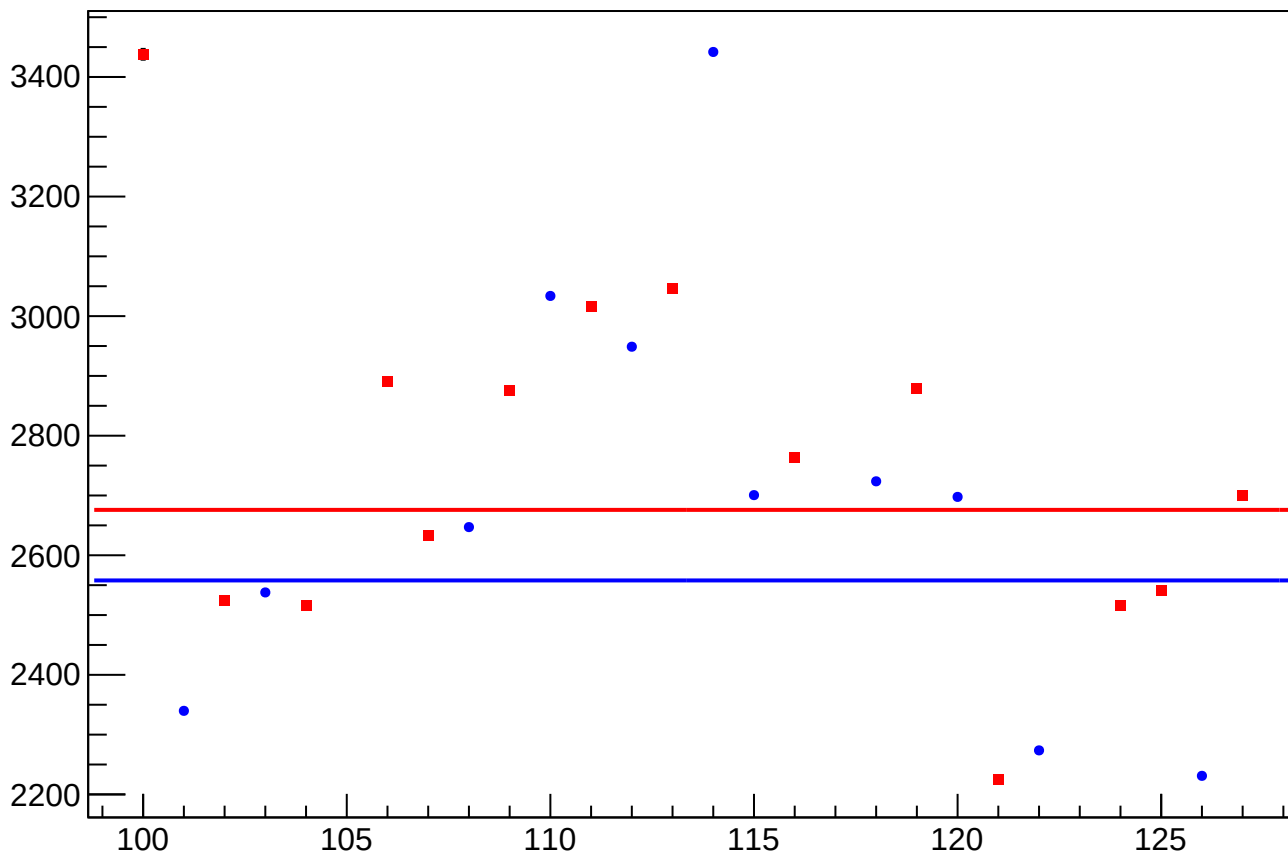
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1572.048+/-833.679 χ^2/NDF : 19.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_rms vs Slug



Right In: 2557.905+/-0.859 χ^2/NDF : 100356.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2675.925+/-0.811 χ^2/NDF : 95431.4/13

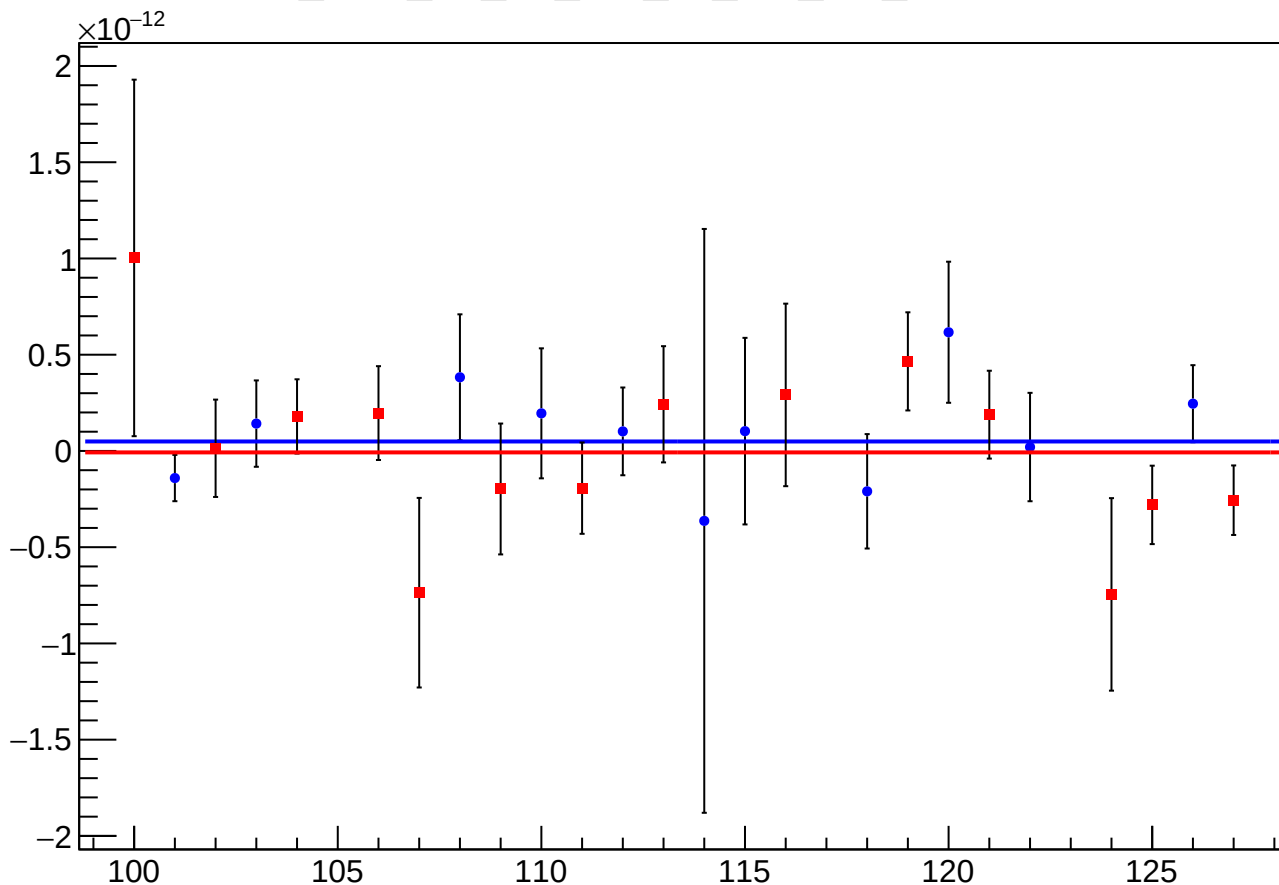
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2620.279+/-0.590 χ^2/NDF : 205775.9/24

- 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 $\pm$ 0.000 χ^2 /NDF: 8.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 17.1/13

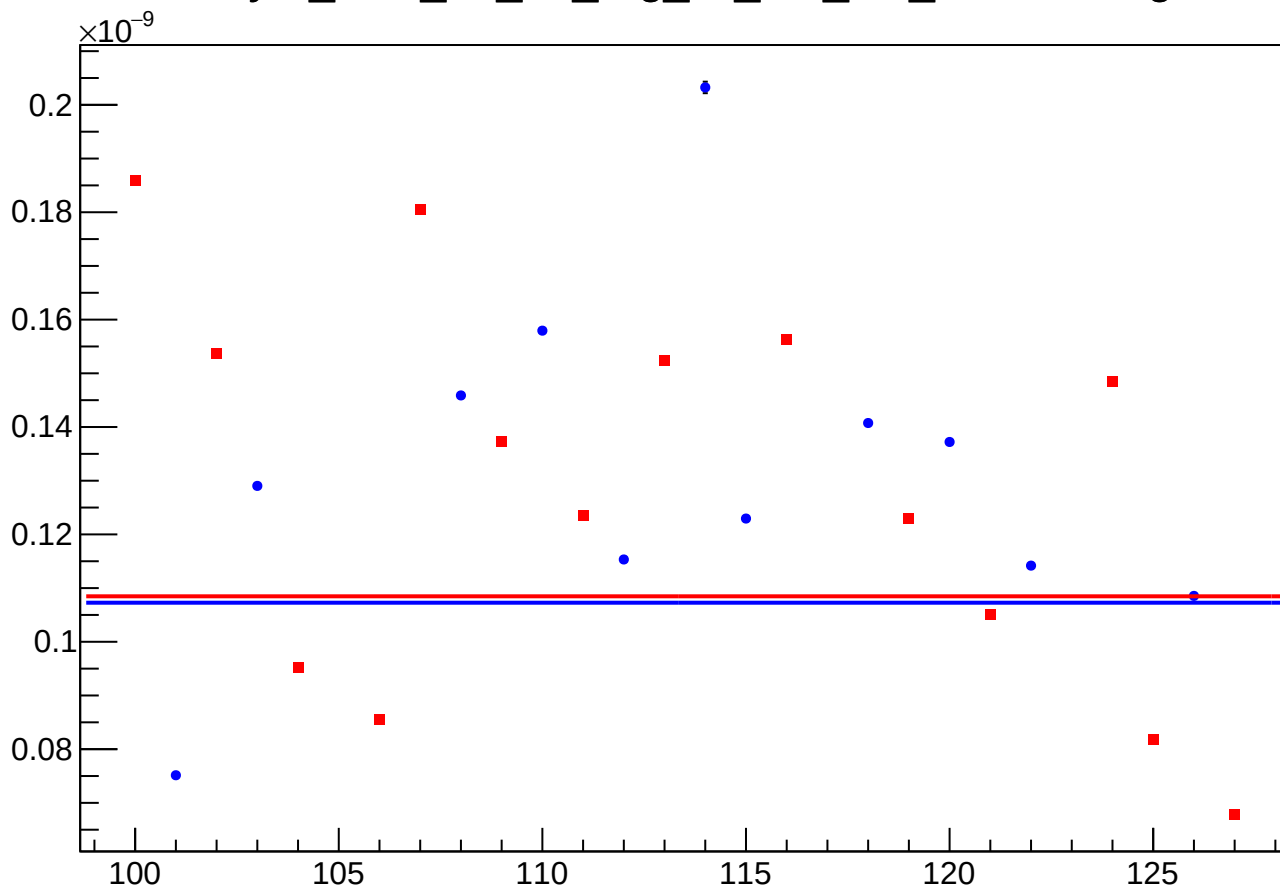
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 25.6/24

- sign 0.000 $\pm$ 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 : 287069.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 388331.4/13

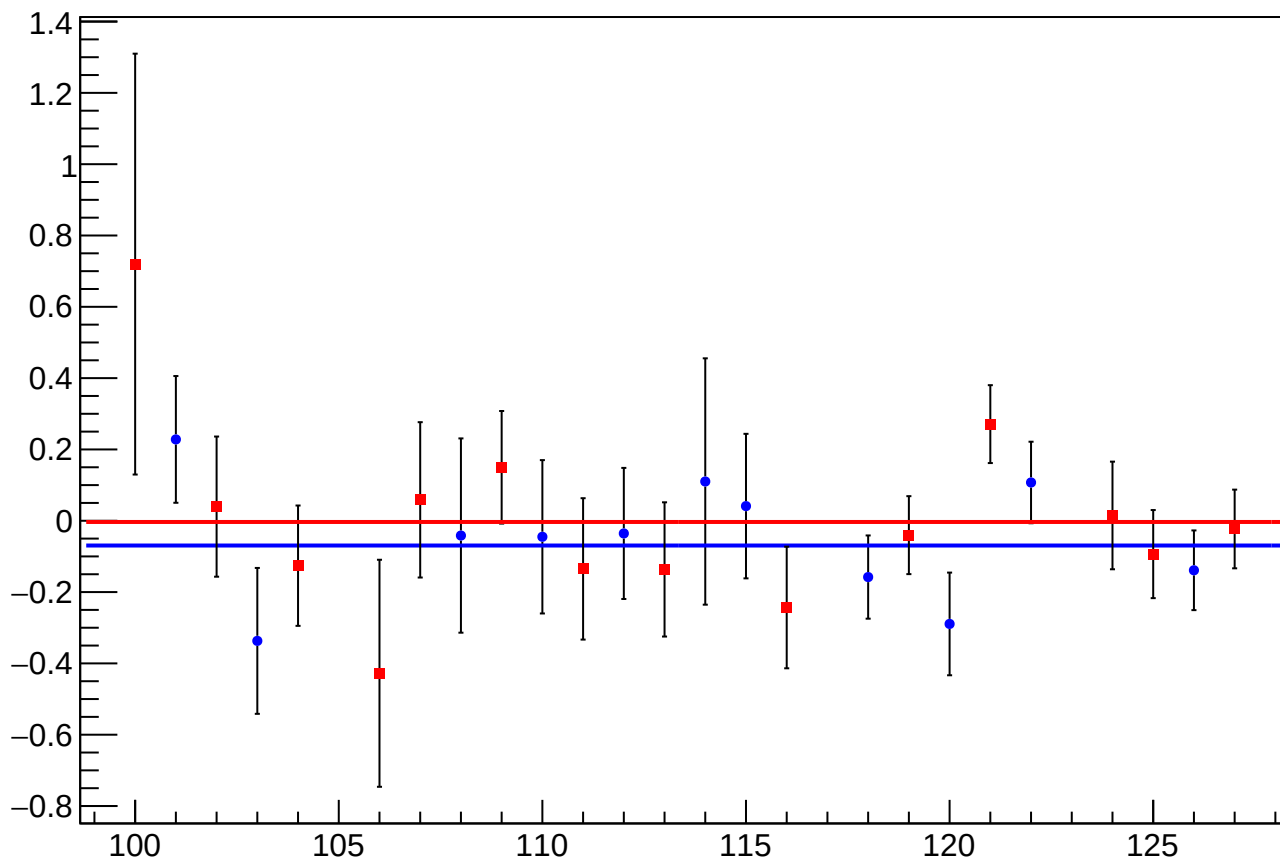
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 675676.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.069±0.048 χ^2/NDF : 10.8/10

Left Out: 0.000±0.000 χ^2/NDF : 0.0/0

Right Out: -0.003±0.041 χ^2/NDF : 14.8/13

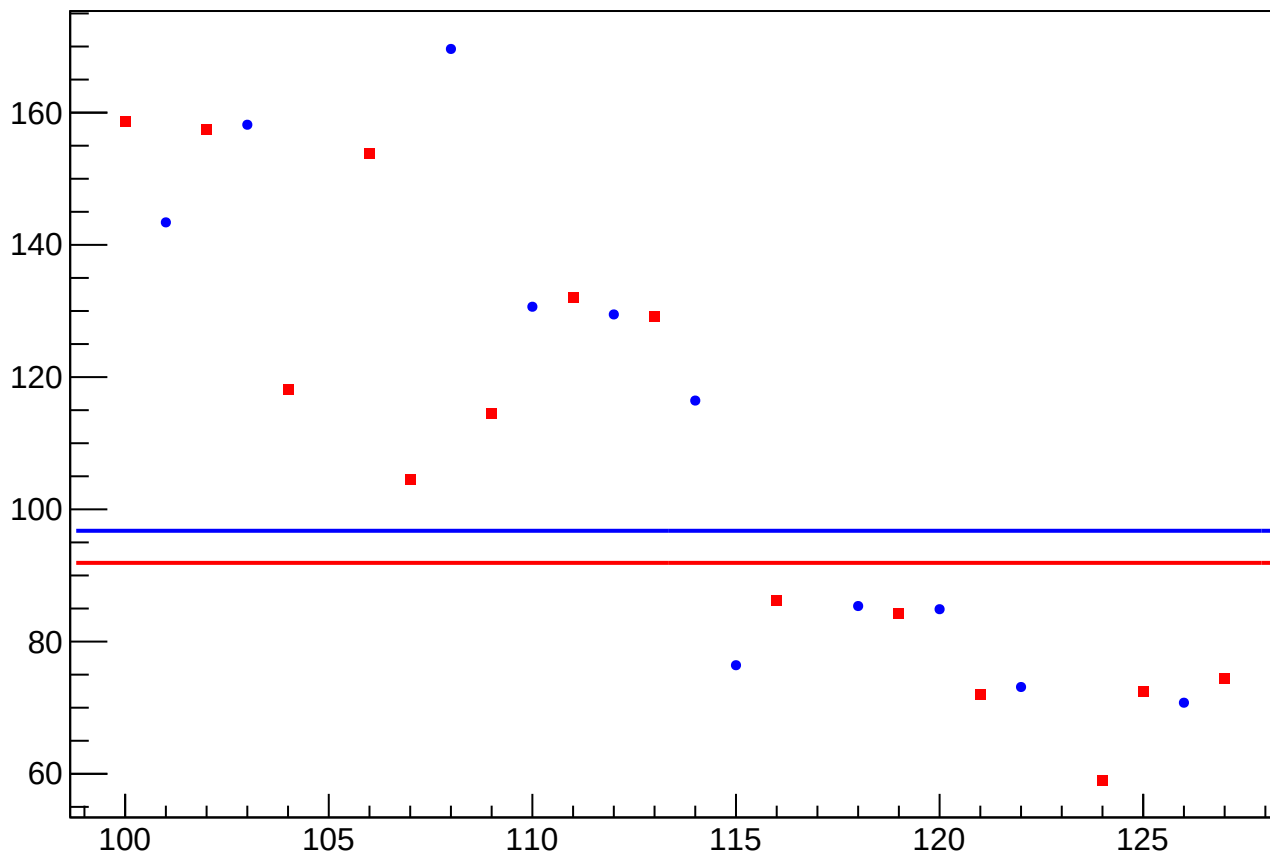
Left In: 0.000±0.000 χ^2/NDF : 0.0/0

+ sign 0.000±0.000 χ^2/NDF : 0.0/0

All: -0.031±0.031 χ^2/NDF : 26.7/24

- sign 0.000±0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_dit_vs_cor_diff_rms vs Slug



Right In: 96.758 $\pm$ 0.034 χ^2 /NDF: 827073.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 91.905 $\pm$ 0.029 χ^2 /NDF: 853115.6/13

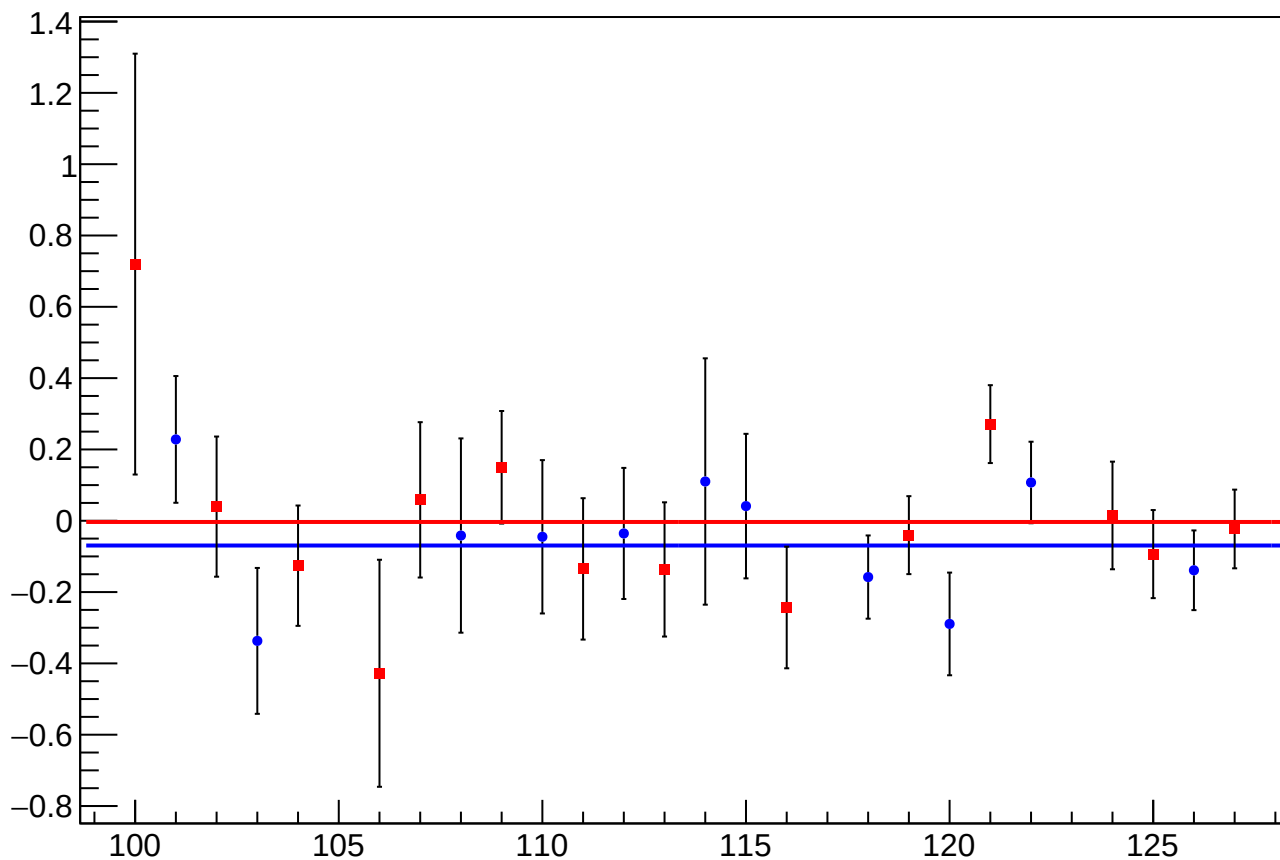
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 93.971 $\pm$ 0.022 χ^2 /NDF: 1691855.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.069 $\pm$ 0.048 χ^2 /NDF: 10.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.003 $\pm$ 0.041 χ^2 /NDF: 14.8/13

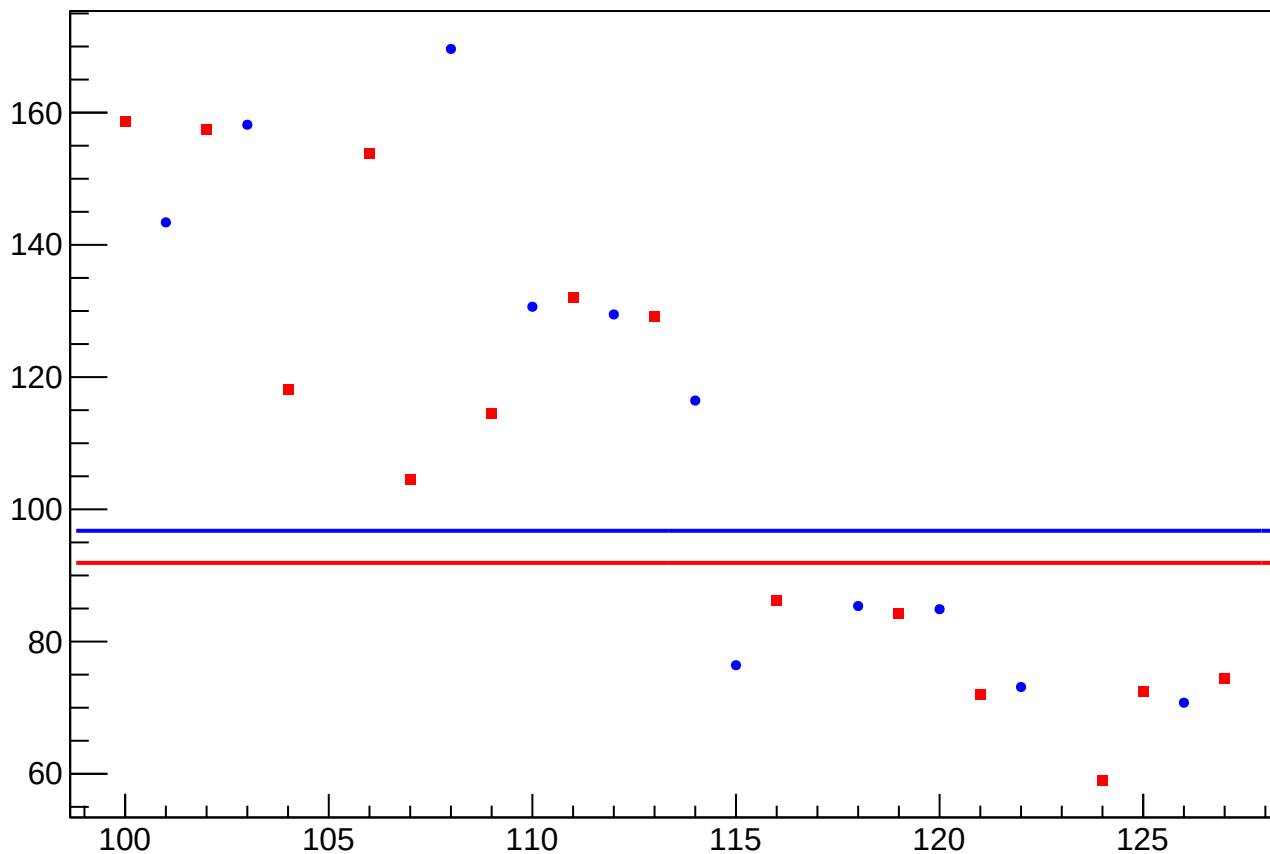
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.031 $\pm$ 0.031 χ^2 /NDF: 26.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 96.758 $\pm$ 0.034 χ^2 /NDF: 827073.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 91.905 $\pm$ 0.029 χ^2 /NDF: 853115.6/13

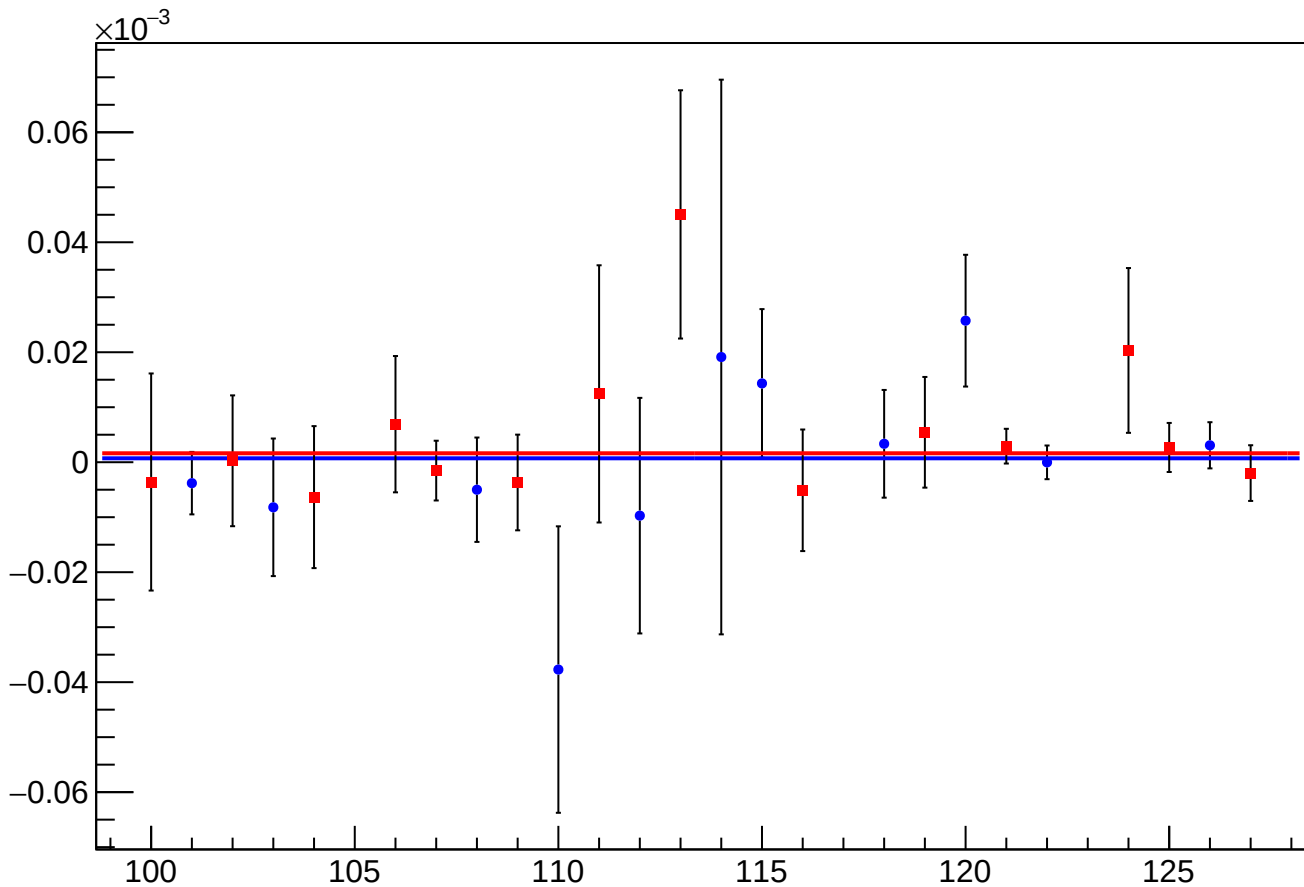
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 93.971 $\pm$ 0.022 χ^2 /NDF: 1691855.0/24

- 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 $\pm$ 0.000 χ^2 /NDF: 9.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.1/13

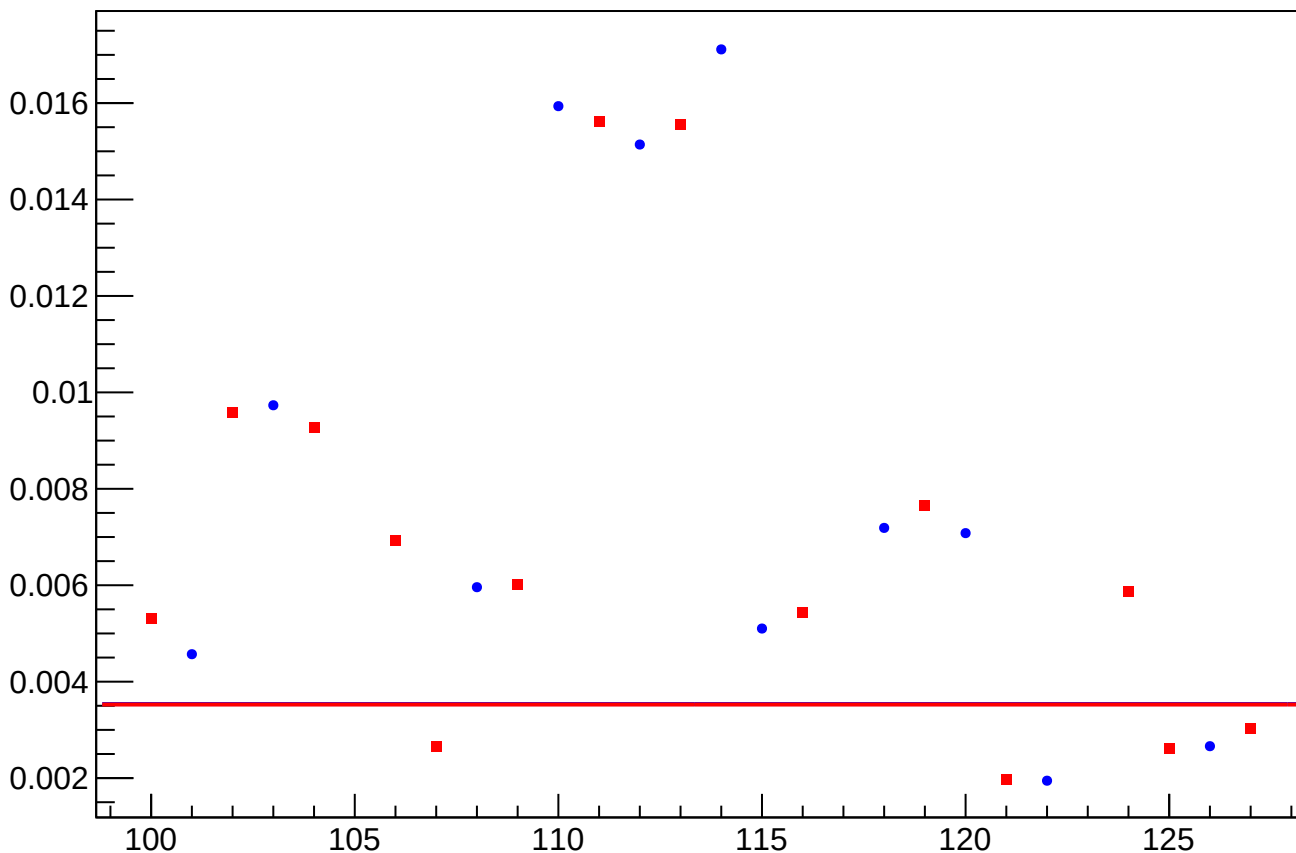
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 2978096.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 3428074.5/13

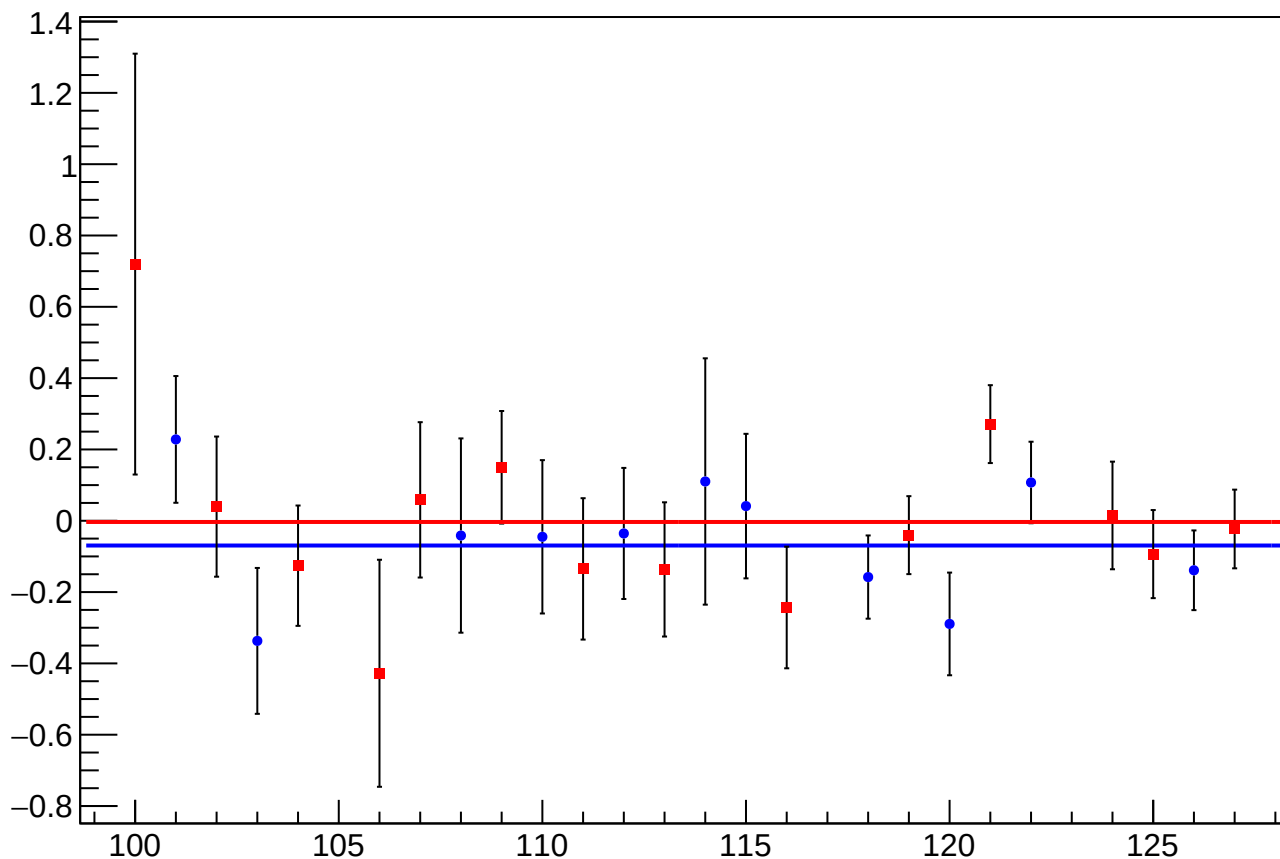
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 6406191.2/24

- 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: -0.069 $\pm$ 0.048 χ^2 /NDF: 10.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.003 $\pm$ 0.041 χ^2 /NDF: 14.8/13

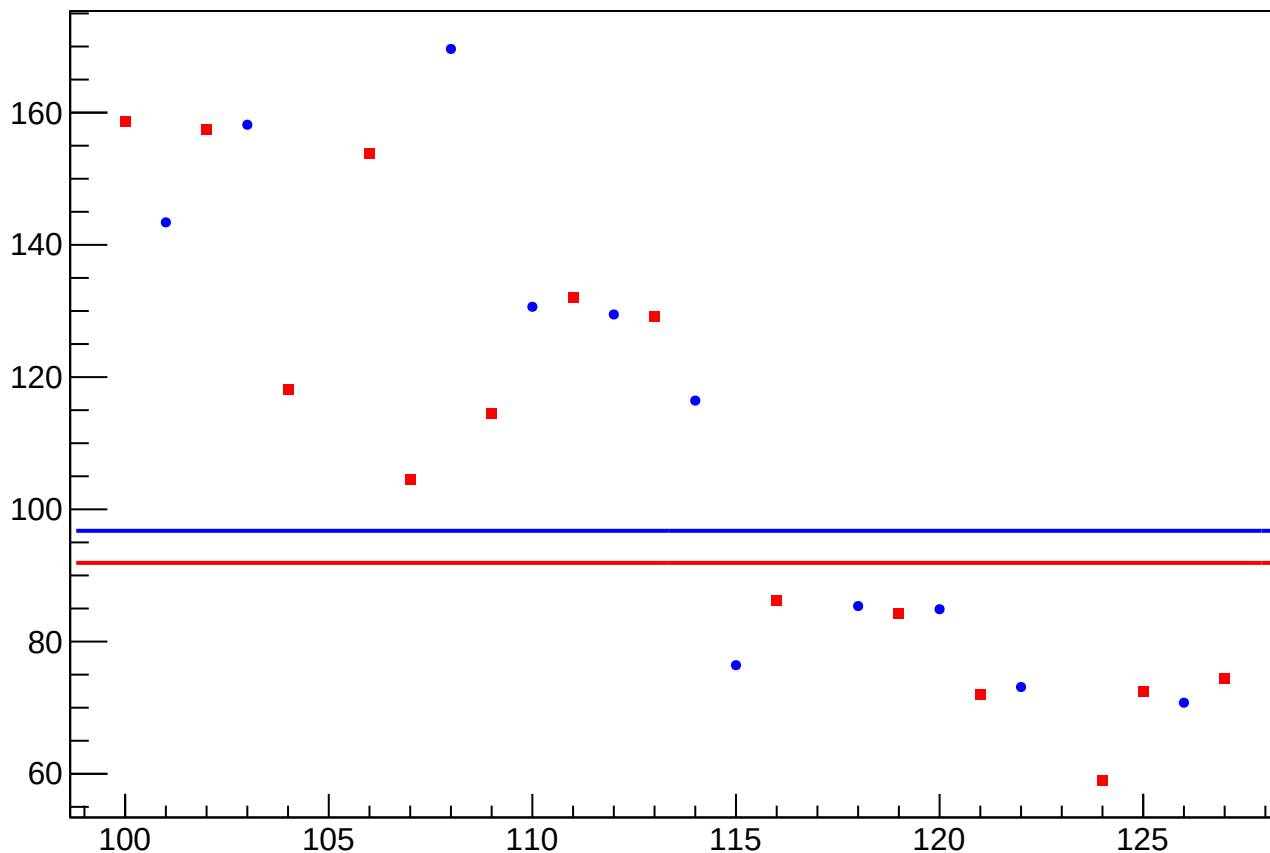
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.031 $\pm$ 0.031 χ^2 /NDF: 26.7/24

- 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: 96.756 $\pm$ 0.034 χ^2 /NDF: 827035.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 91.903 $\pm$ 0.029 χ^2 /NDF: 853094.7/13

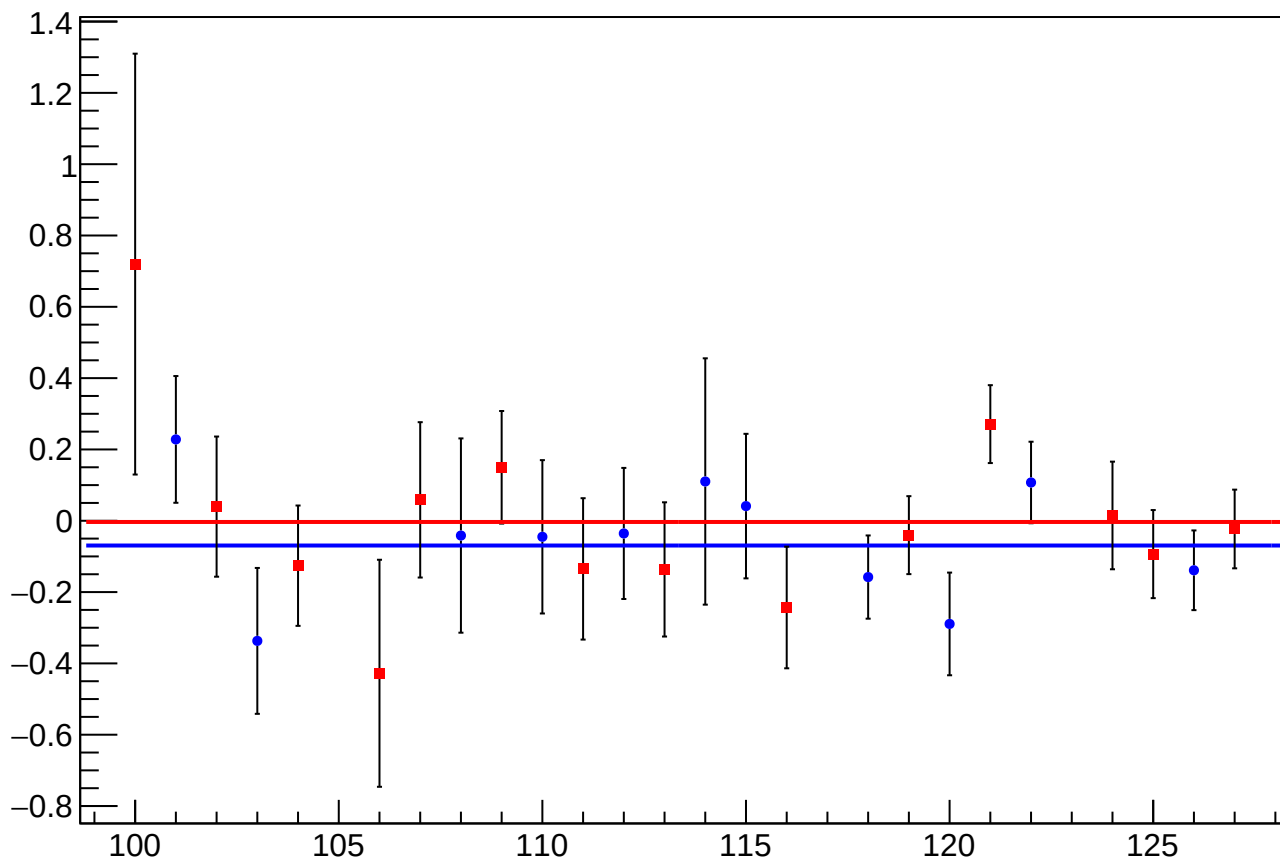
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 93.969 $\pm$ 0.022 χ^2 /NDF: 1691798.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.069+/-0.048 χ^2/NDF : 10.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.003+/-0.041 χ^2/NDF : 14.8/13

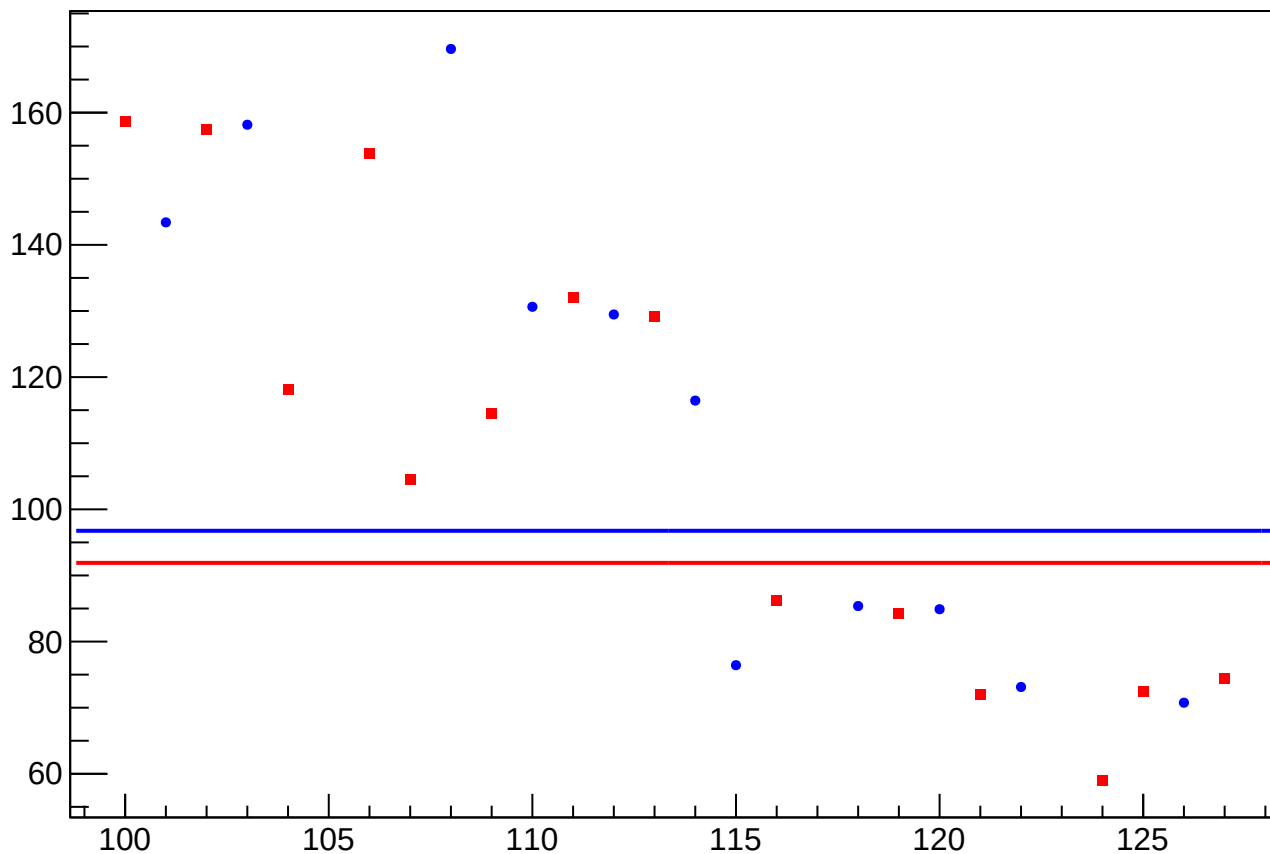
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.031+/-0.031 χ^2/NDF : 26.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 96.756 $\pm$ 0.034 χ^2 /NDF: 827035.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 91.903 $\pm$ 0.029 χ^2 /NDF: 853094.7/13

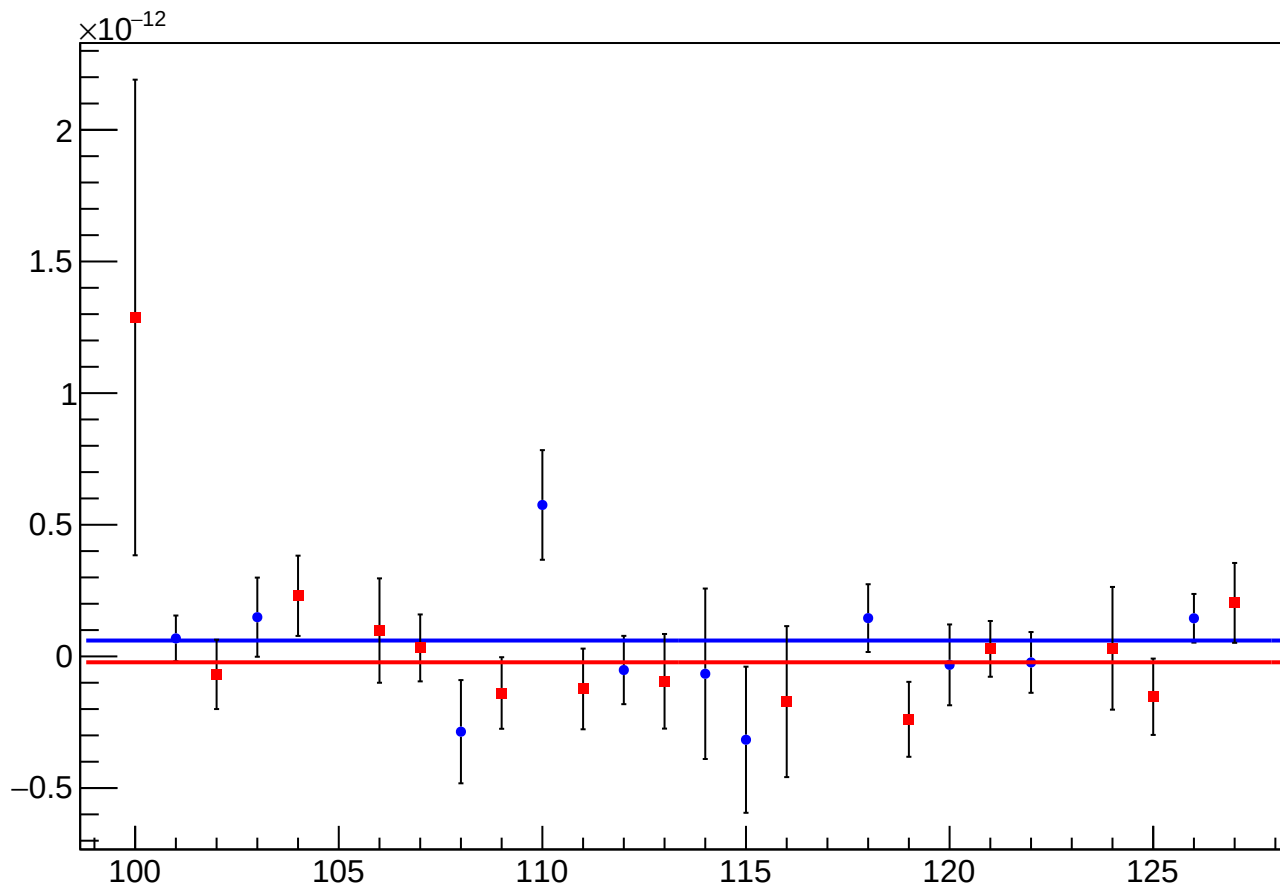
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 93.969 $\pm$ 0.022 χ^2 /NDF: 1691798.5/24

- 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 : 14.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.8/13

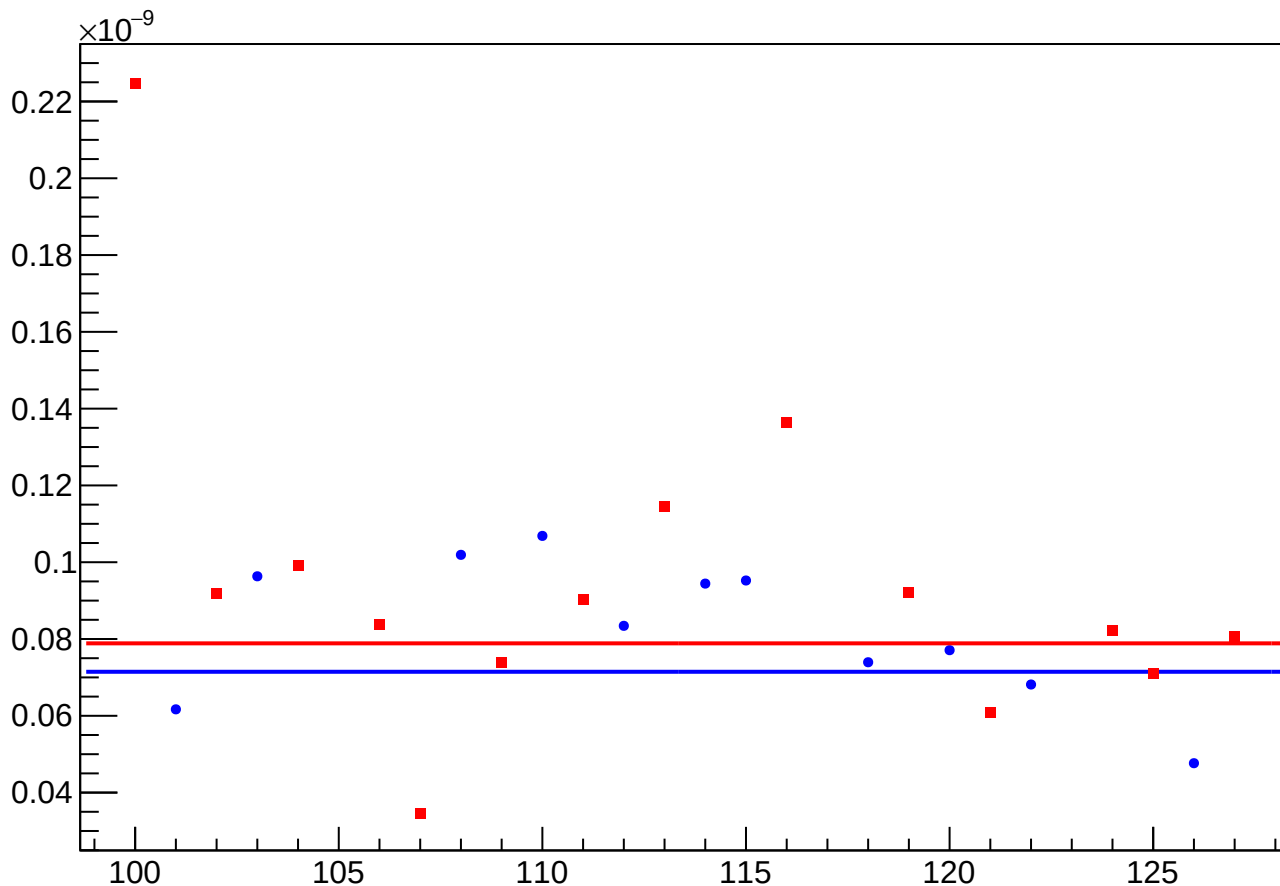
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.3/24

- 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: 365913.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 605490.5/13

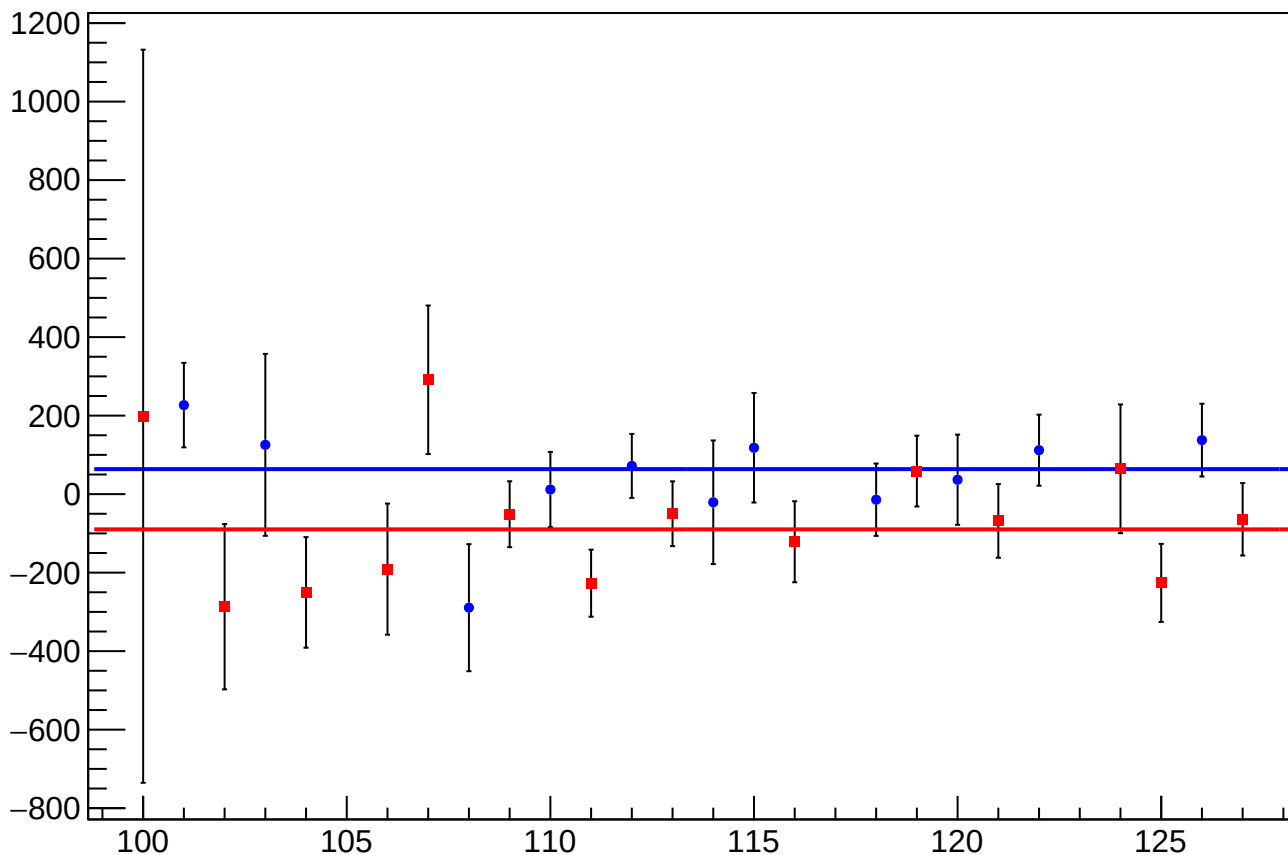
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1003732.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_dd_mean vs Slug



Right In: 63.722+/-32.858 χ^2/NDF : 9.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -89.750+/-29.490 χ^2/NDF : 15.4/13

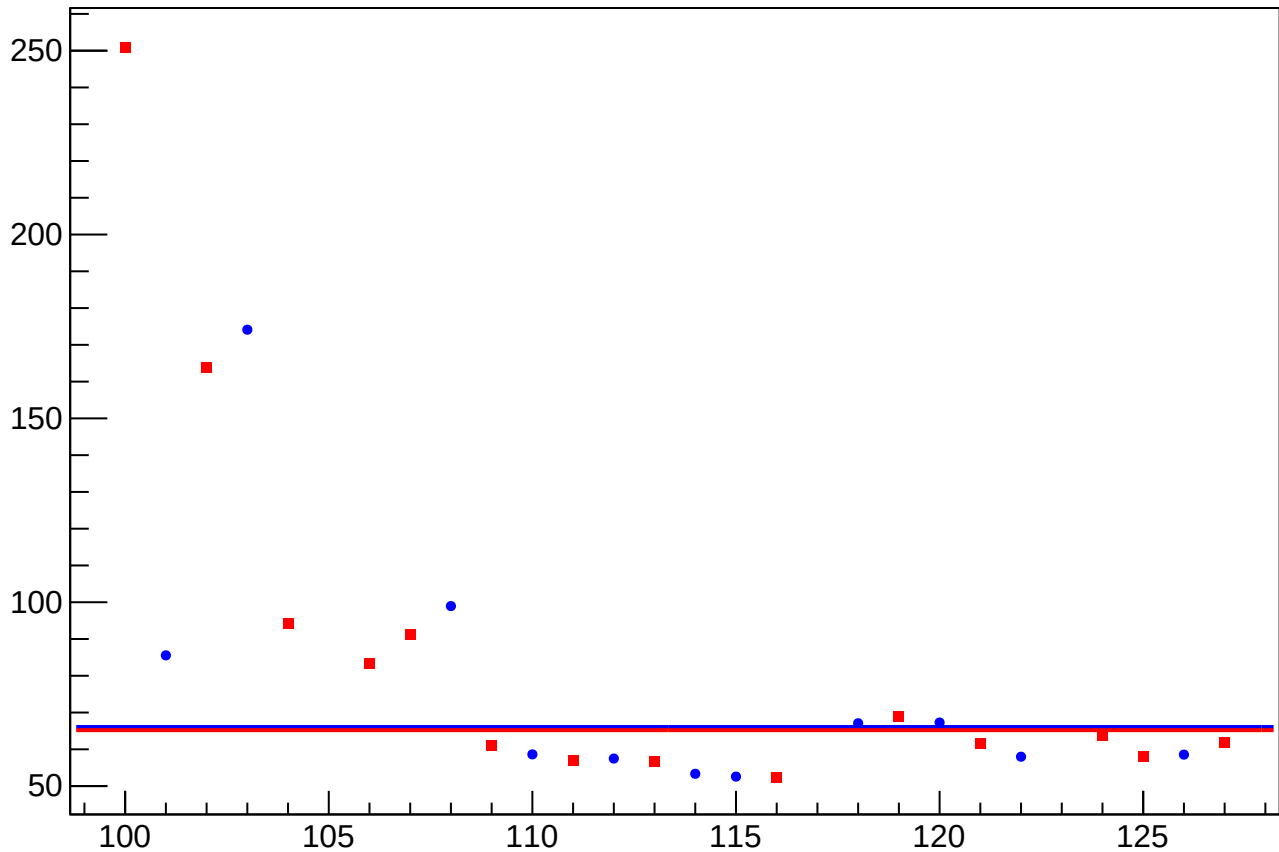
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.280+/-21.947 χ^2/NDF : 37.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_rms vs Slug



Right In: 66.064 $\pm$ 0.023 χ^2 /NDF: 678600.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 65.210 $\pm$ 0.021 χ^2 /NDF: 758857.0/13

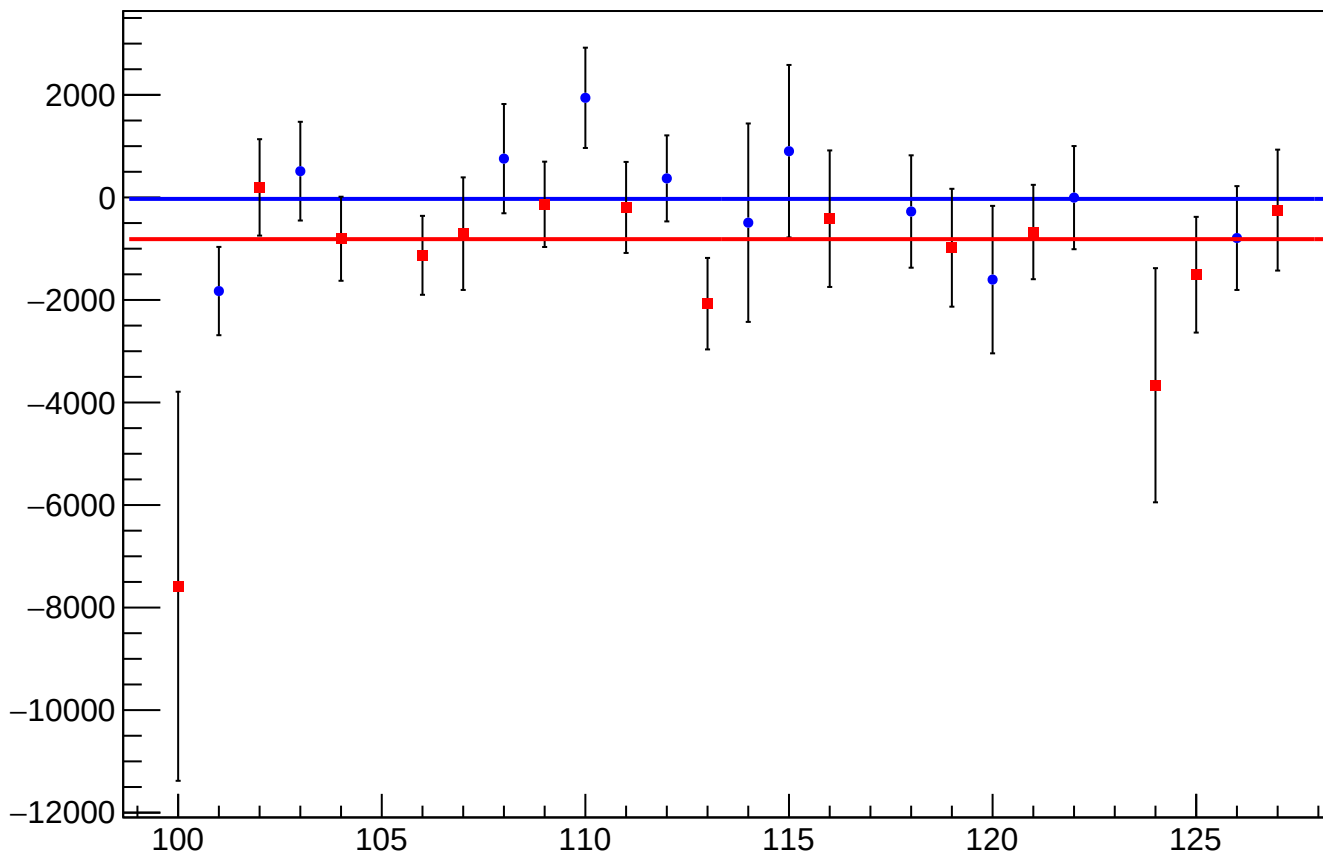
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 65.591 $\pm$ 0.016 χ^2 /NDF: 1438204.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_reg_correction_mean vs Slug



Right In: -28.915 $\pm$ 321.539 χ^2 /NDF: 11.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -813.733 $\pm$ 273.486 χ^2 /NDF: 10.0/13

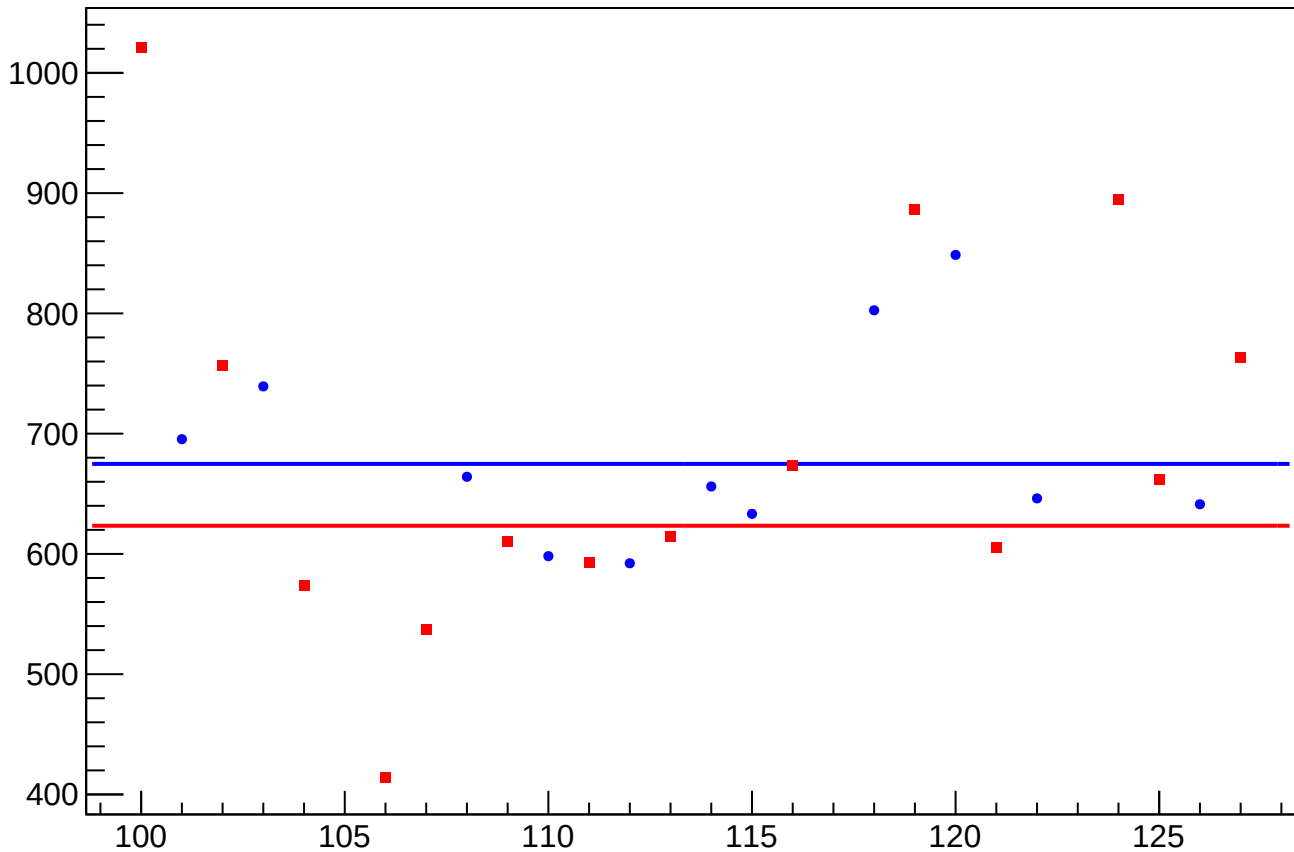
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -484.294 $\pm$ 208.323 χ^2 /NDF: 25.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_reg_correction_rms vs Slug



Right In: 674.846+/-0.227 χ^2/NDF : 103571.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 623.442+/-0.193 χ^2/NDF : 399415.8/13

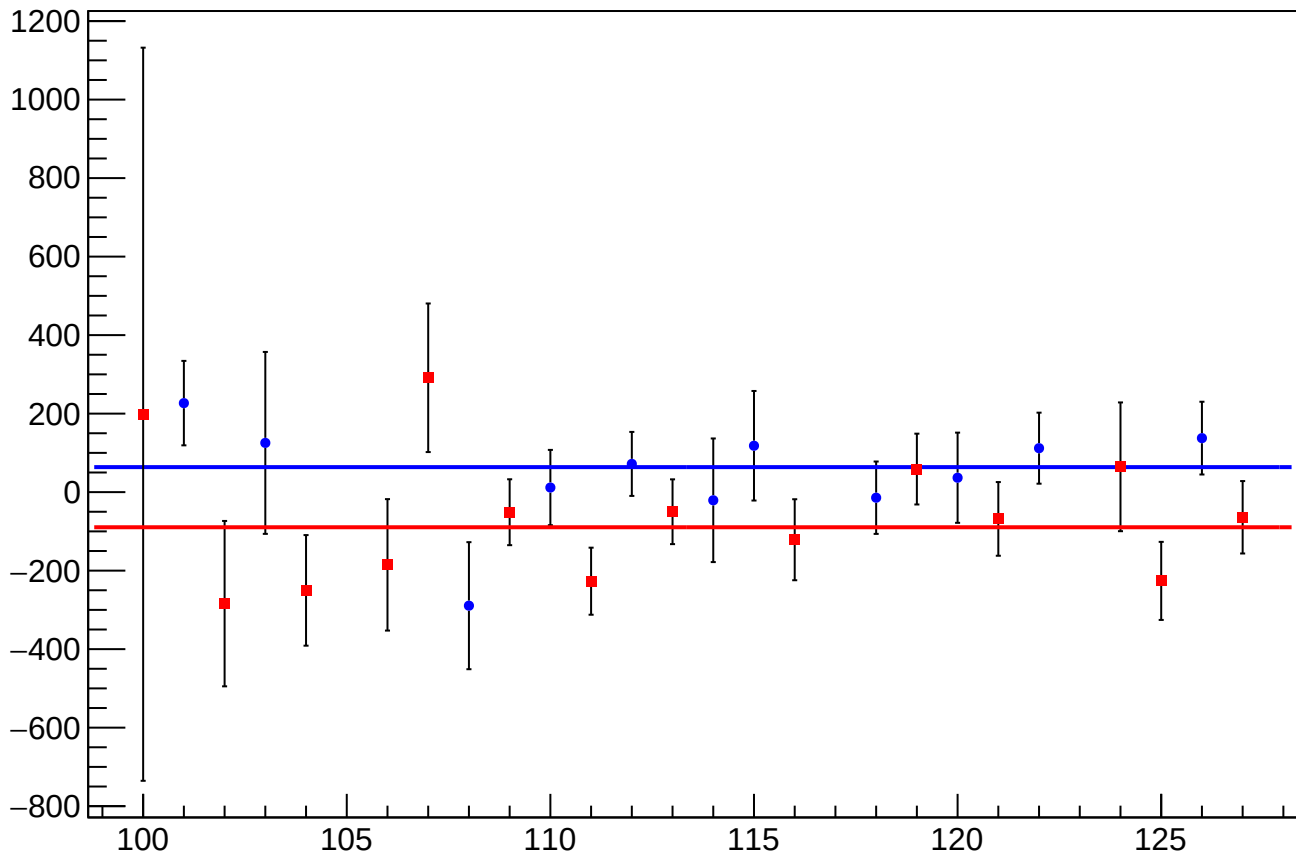
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 645.019+/-0.147 χ^2/NDF : 532645.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_37_dd_mean vs Slug



Right In: 63.712 $\pm$ 32.858 χ^2 /NDF: 9.6/10

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -89.487 $\pm$ -29.493 χ^2 /NDF: 15.3/13

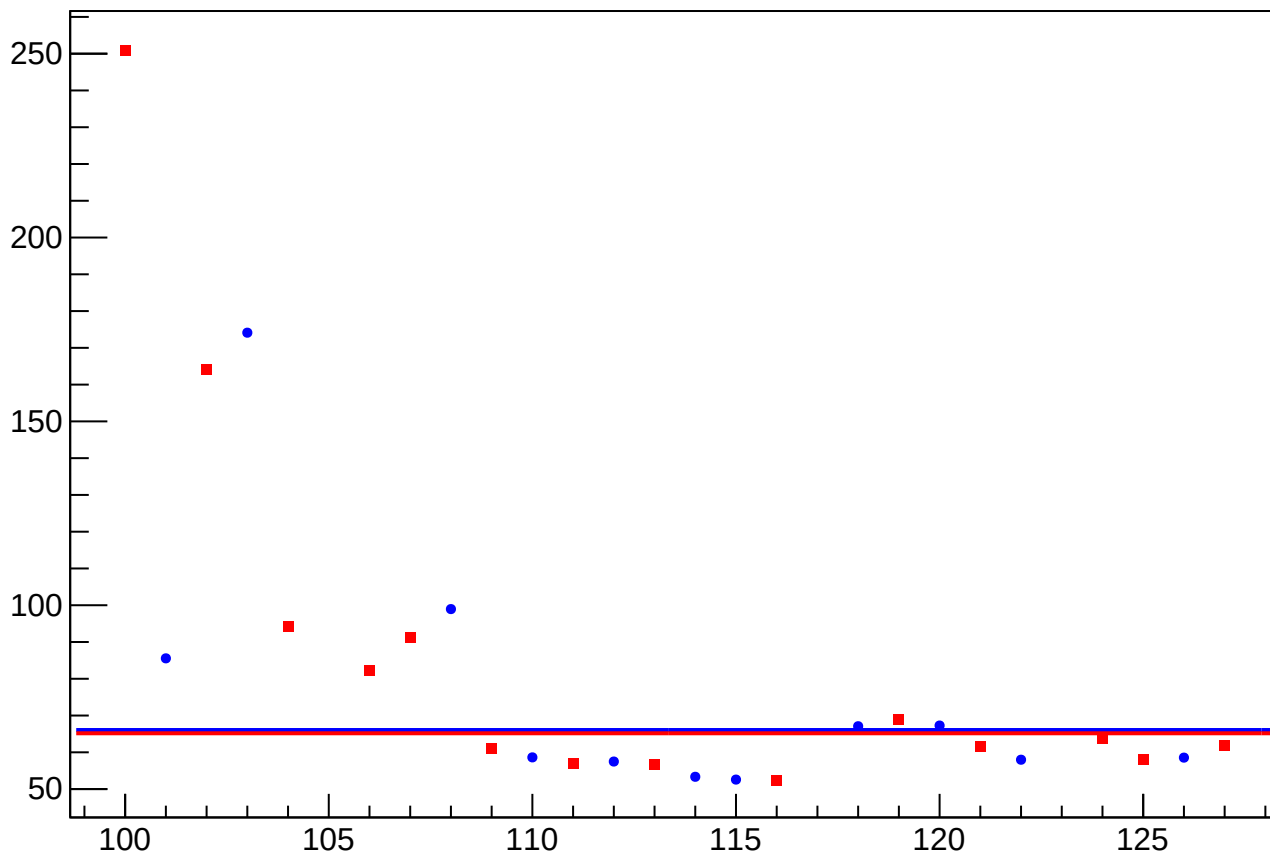
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

All: -21.131 $\pm$ -21.948 χ^2 /NDF: 36.9/24

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_37_dd_rms vs Slug



Right In: 66.064+/-0.023 χ^2/NDF : 678602.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.176+/-0.021 χ^2/NDF : 756352.1/13

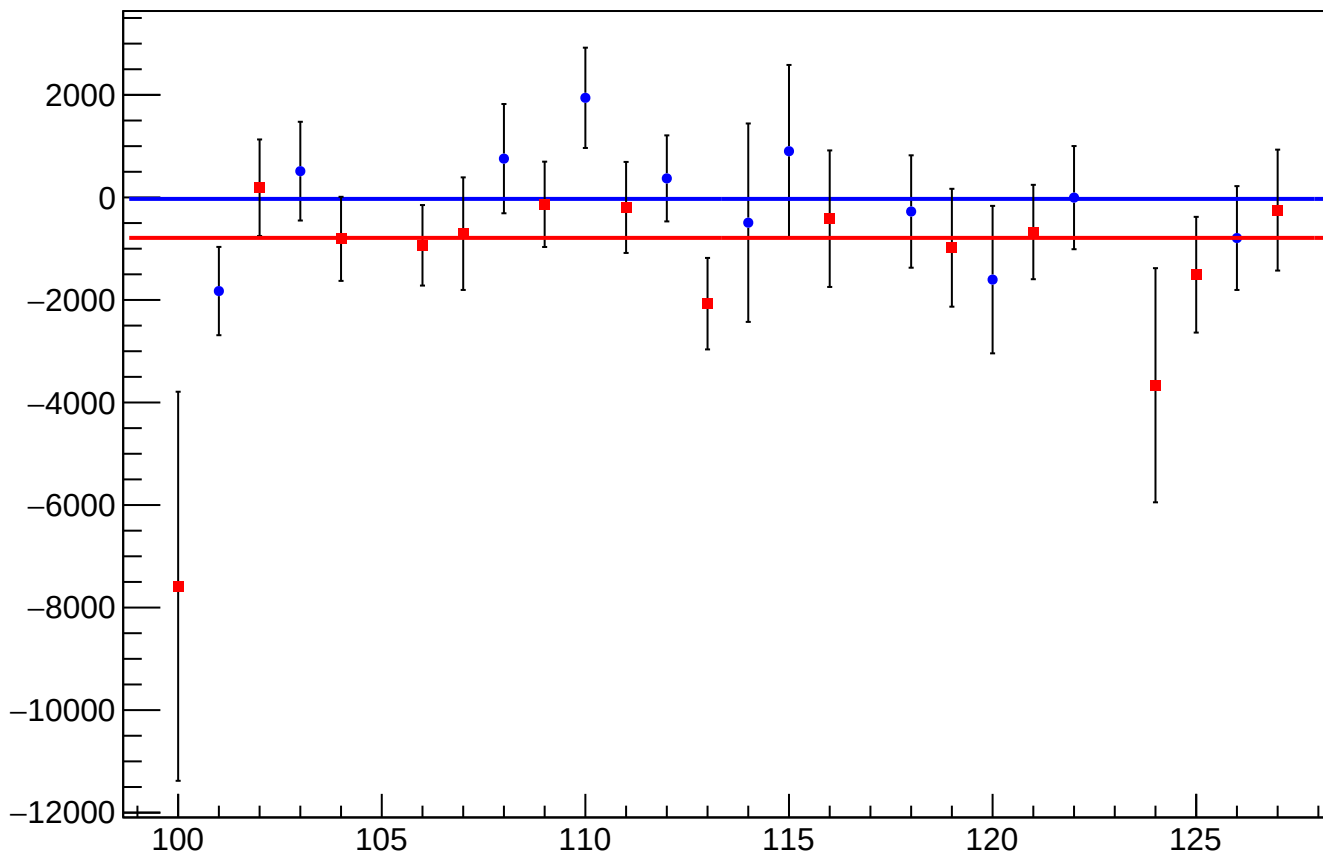
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.572+/-0.016 χ^2/NDF : 1435764.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_cor_correction_mean vs Slug



Right In: -28.909 $\pm$ 321.543 χ^2 /NDF: 11.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -789.235 $\pm$ 274.187 χ^2 /NDF: 9.8/13

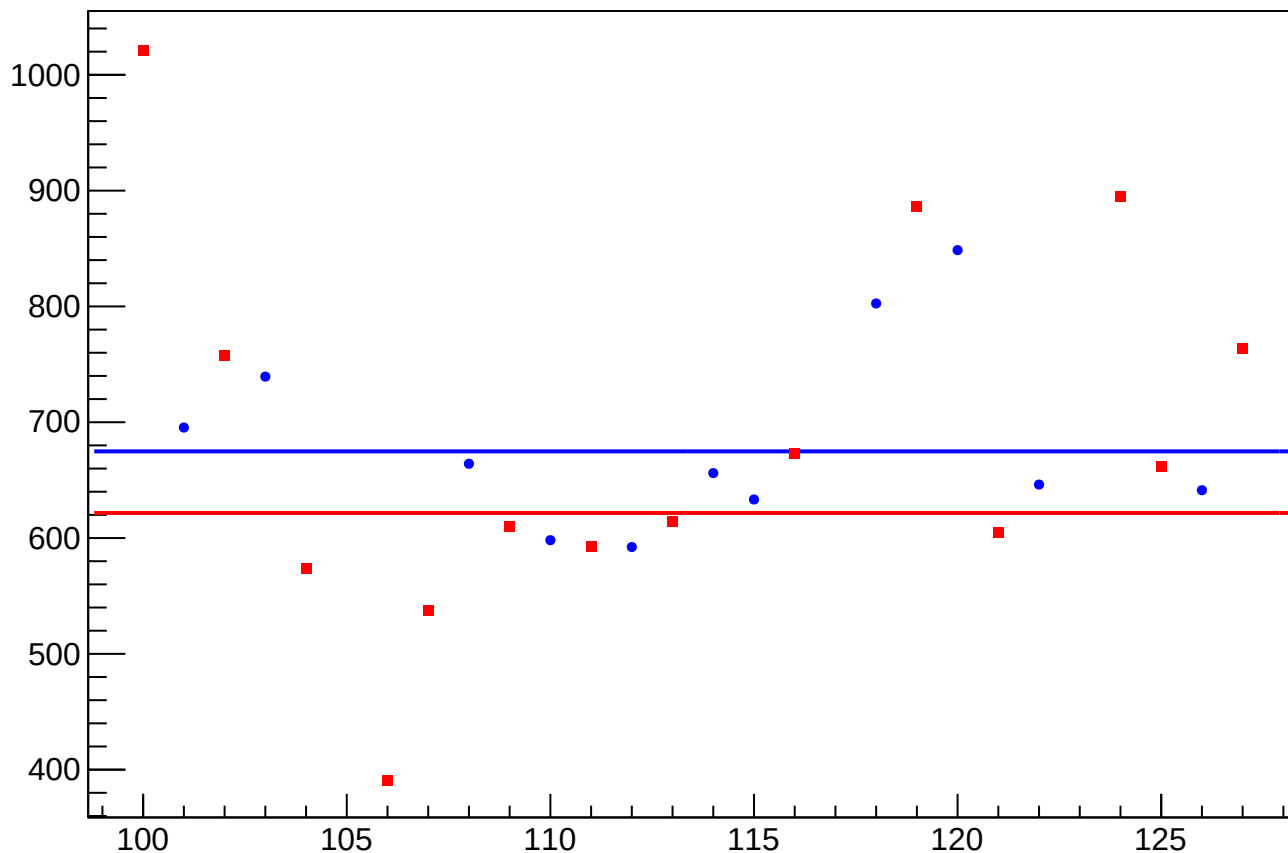
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -469.133 $\pm$ 208.633 χ^2 /NDF: 24.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_cor_correction_rms vs Slug



Right In: 674.853+/-0.227 χ^2/NDF : 103591.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 621.663+/-0.194 χ^2/NDF : 427465.8/13

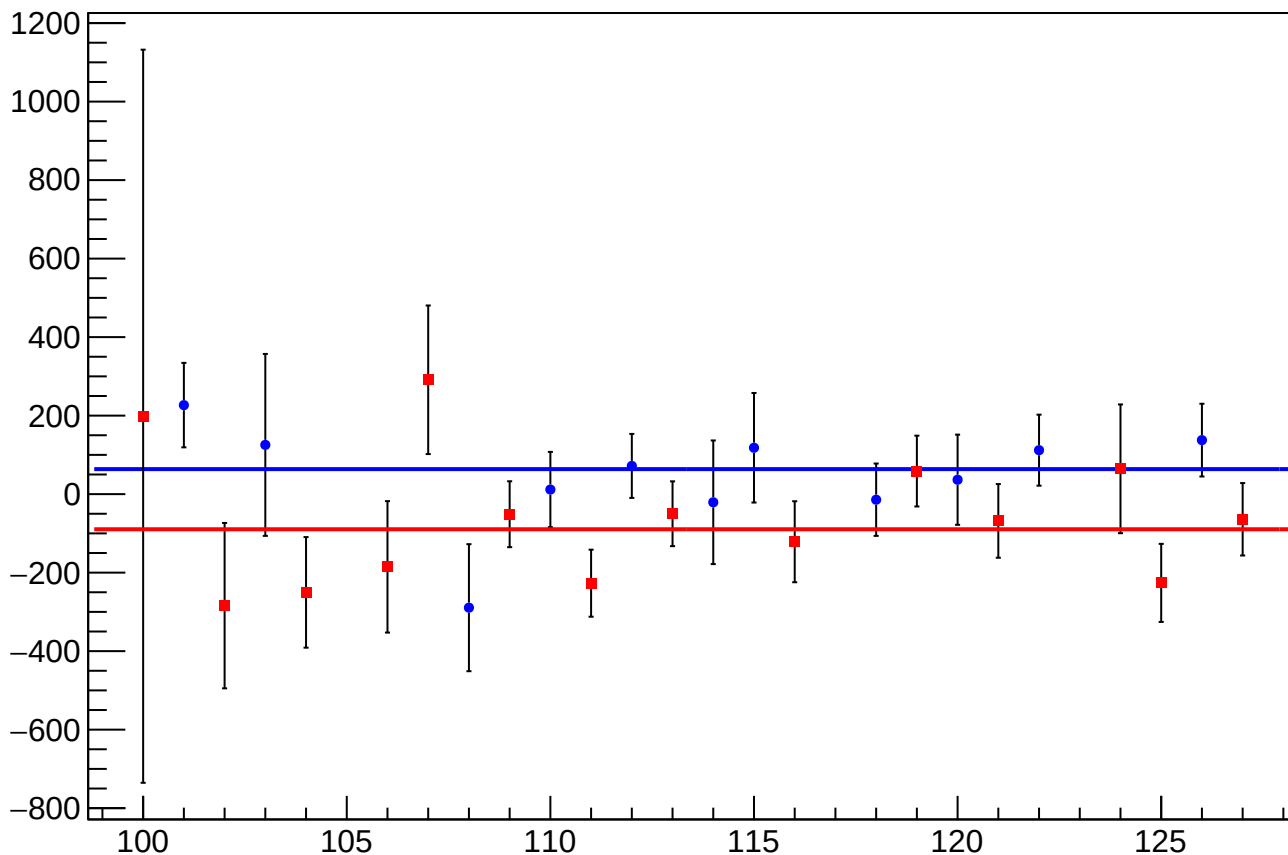
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 644.056+/-0.148 χ^2/NDF : 562744.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_37_dd_mean vs Slug



Right In: 63.712 $\pm$ 32.858 χ^2 /NDF: 9.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -89.487 $\pm$ 29.493 χ^2 /NDF: 15.3/13

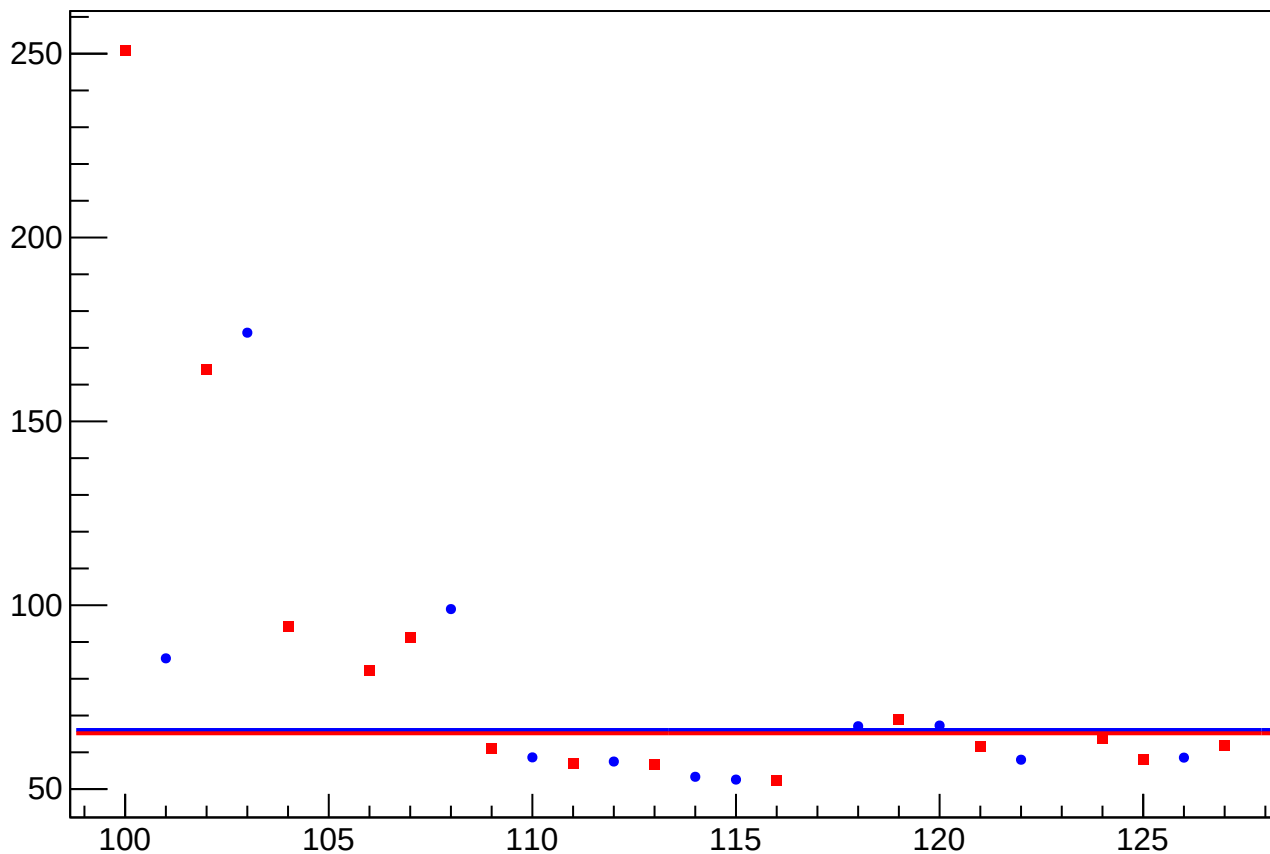
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -21.131 $\pm$ 21.948 χ^2 /NDF: 36.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_37_dd_rms vs Slug



Right In: 66.064 $\pm$ 0.023 χ^2 /NDF: 678602.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 65.176 $\pm$ 0.021 χ^2 /NDF: 756352.1/13

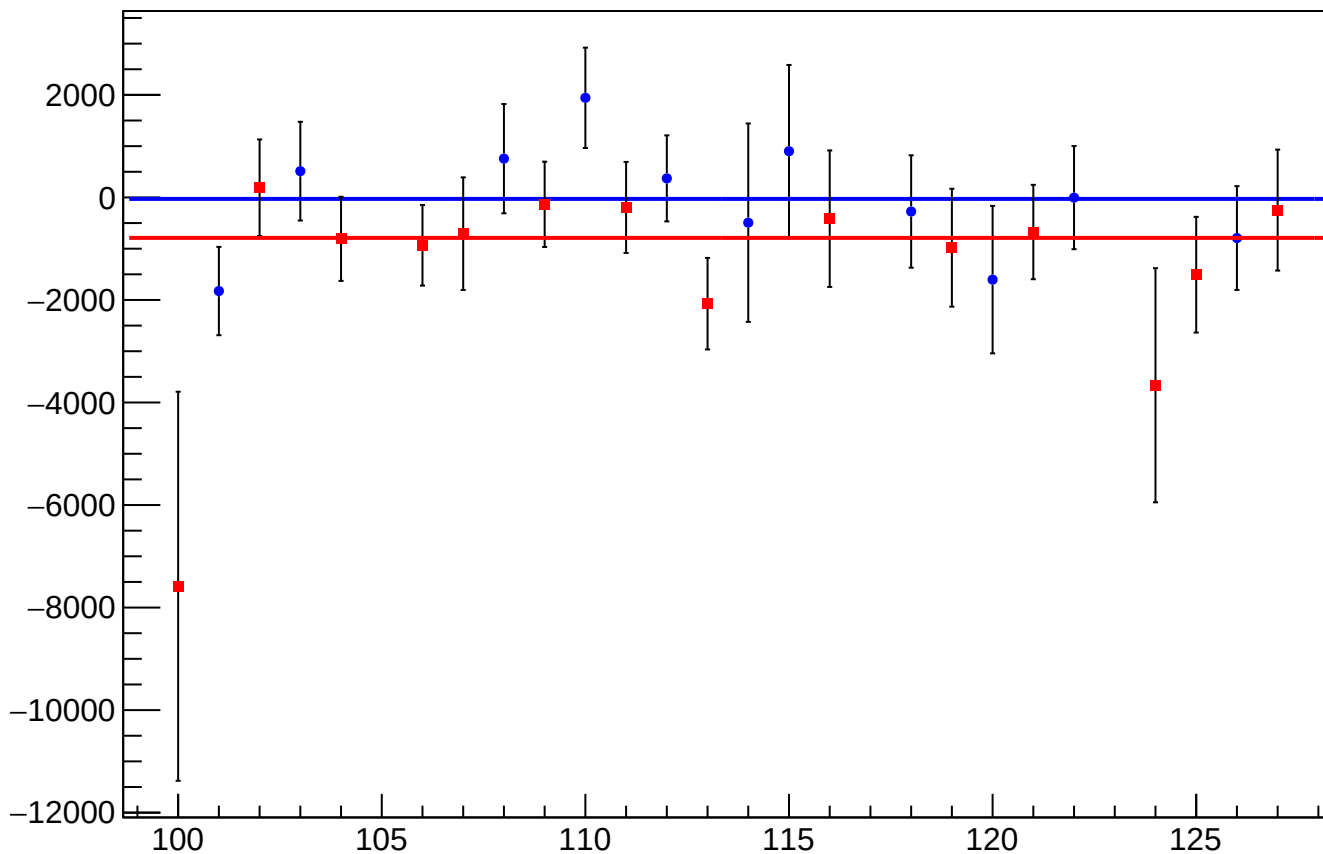
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 65.572 $\pm$ 0.016 χ^2 /NDF: 1435764.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_cor_correction_mean vs Slug



Right In: -28.909 $\pm$ 321.543 χ^2 /NDF: 11.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -789.235 $\pm$ 274.187 χ^2 /NDF: 9.8/13

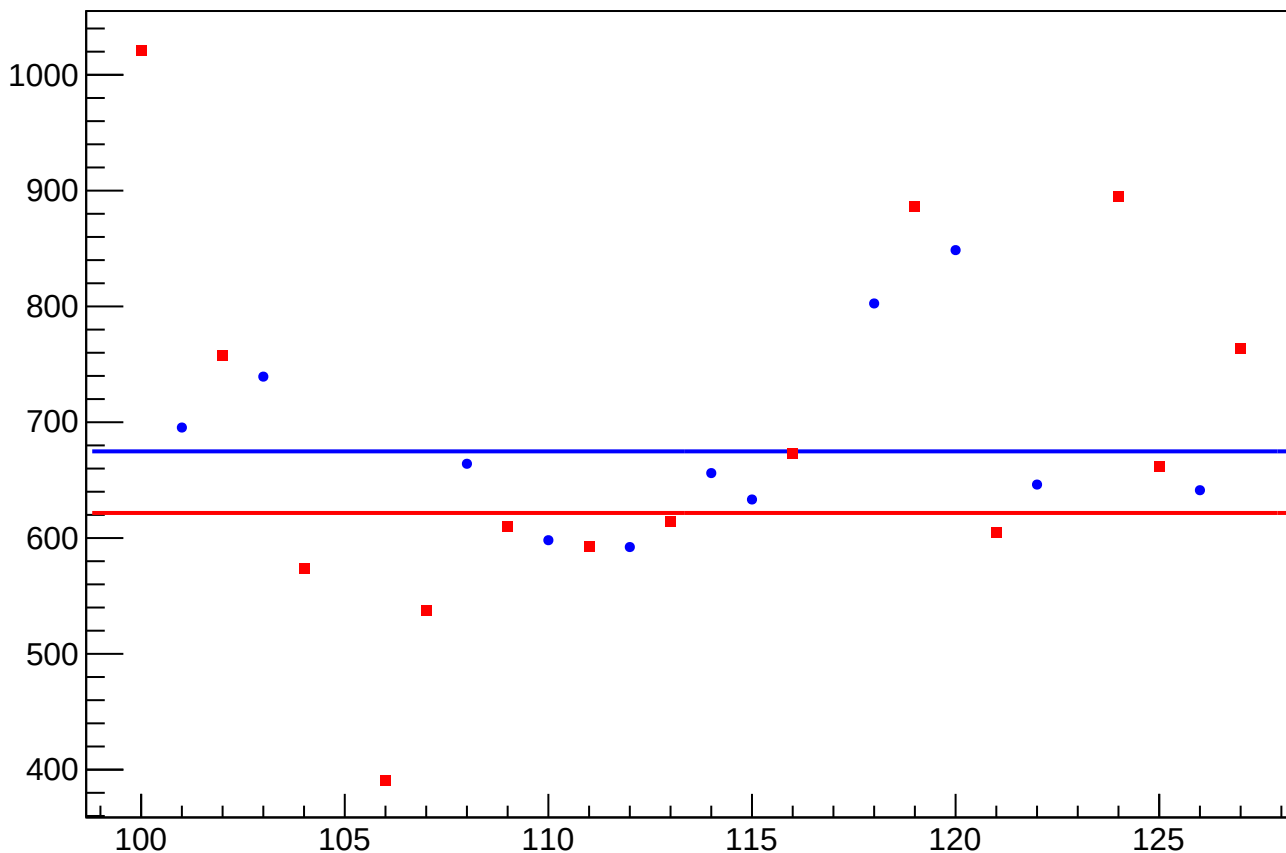
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -469.133 $\pm$ 208.633 χ^2 /NDF: 24.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_cor_correction_rms vs Slug



Right In: 674.853+/-0.227 χ^2/NDF : 103591.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 621.663+/-0.194 χ^2/NDF : 427465.8/13

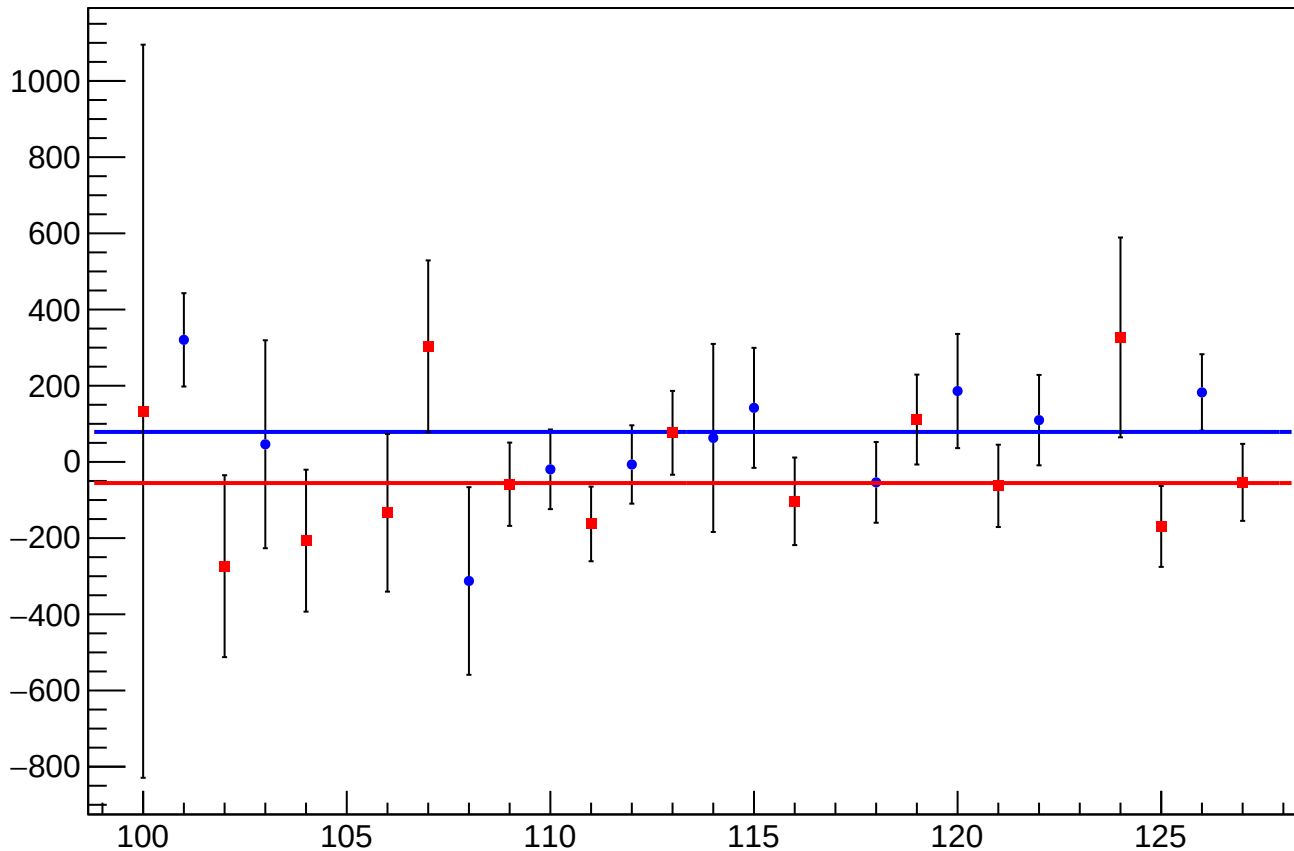
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 644.056+/-0.148 χ^2/NDF : 562744.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_dd_mean vs Slug



Right In: 78.716+/-39.426 χ^2/NDF : 11.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -55.406+/-35.462 χ^2/NDF : 12.3/13

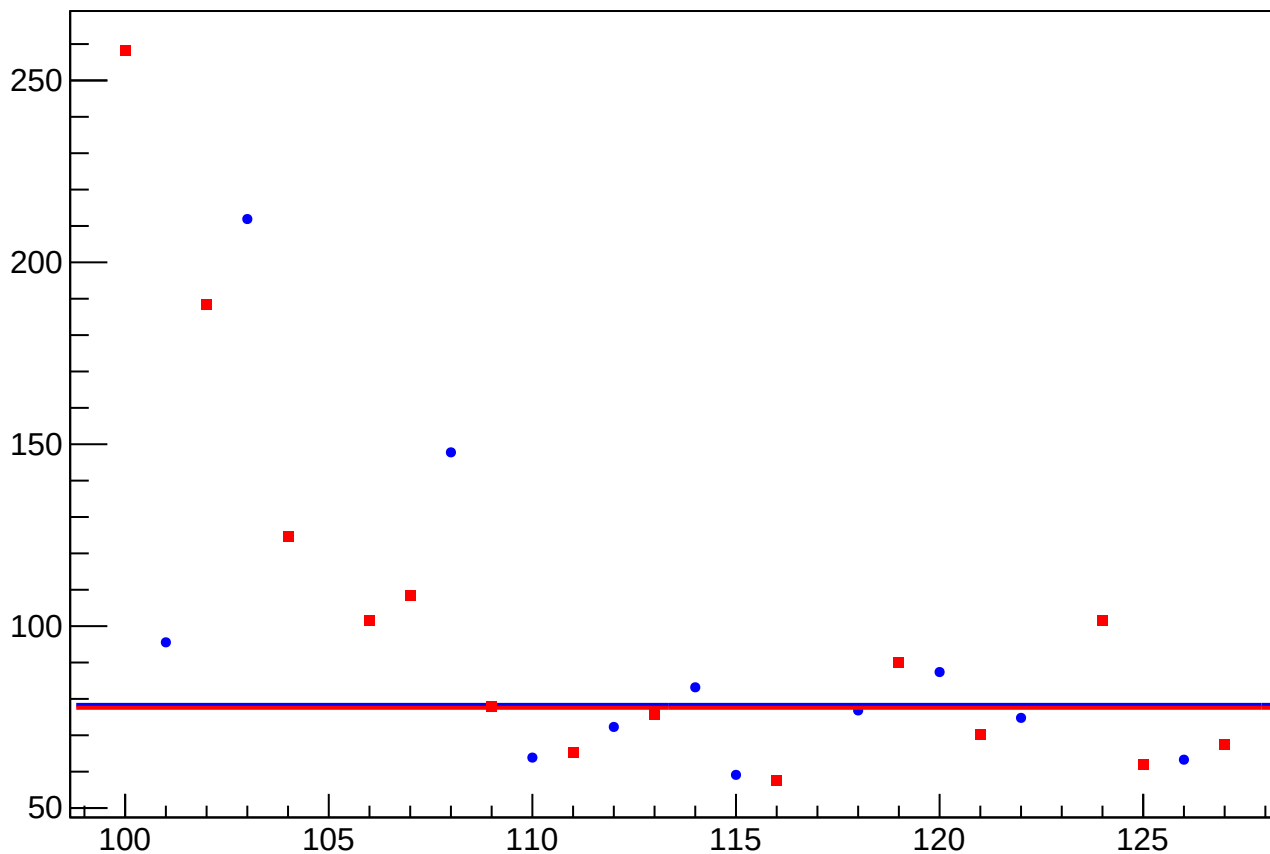
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.575+/-26.366 χ^2/NDF : 30.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_dd_rms vs Slug



Right In: 78.360 $\pm$ 0.028 χ^2 /NDF: 807730.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 77.557 $\pm$ 0.025 χ^2 /NDF: 898332.8/13

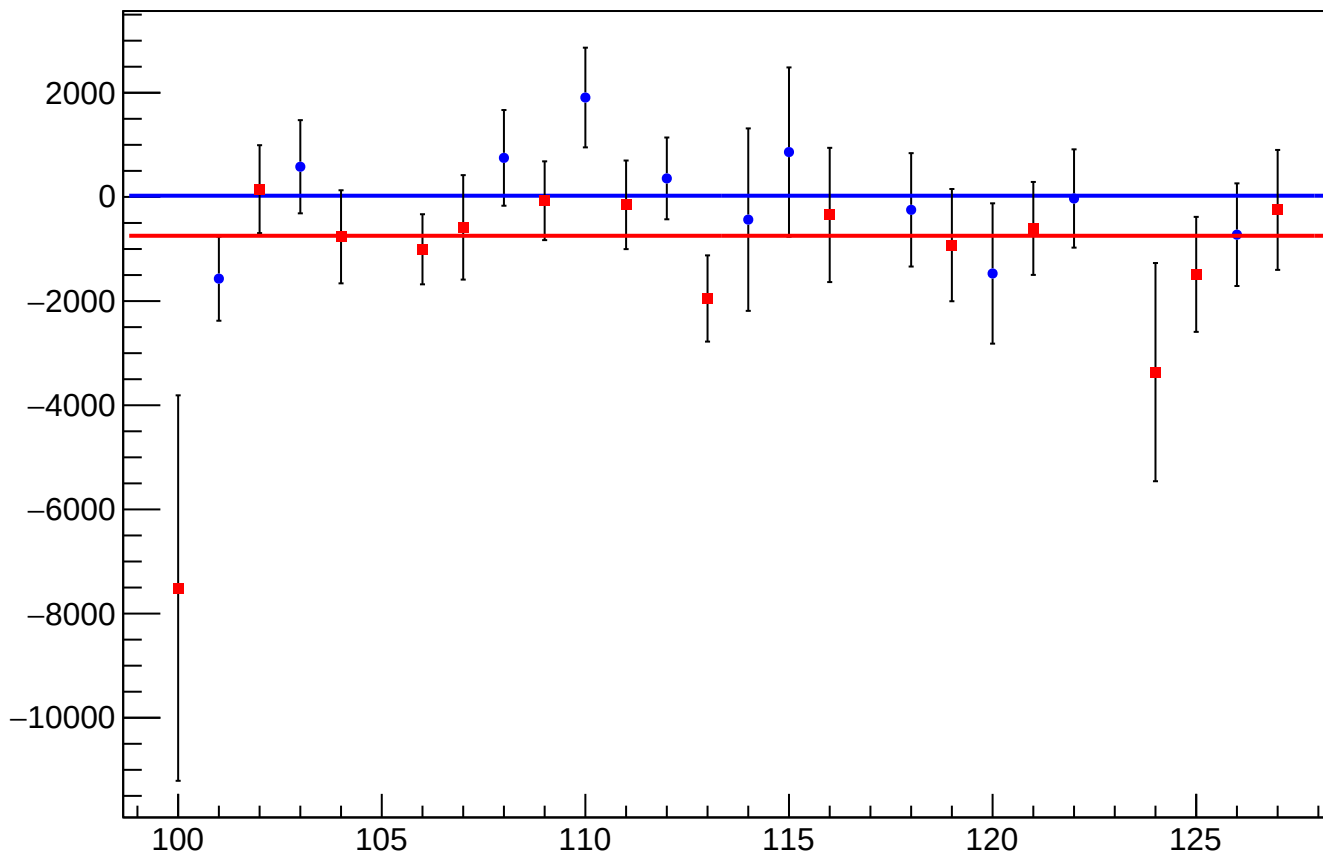
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 77.916 $\pm$ 0.019 χ^2 /NDF: 1706522.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_dit_correction_mean vs Slug



Right In: 23.151 $\pm$ 302.448 χ^2 /NDF: 11.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -745.914 $\pm$ 257.838 χ^2 /NDF: 10.4/13

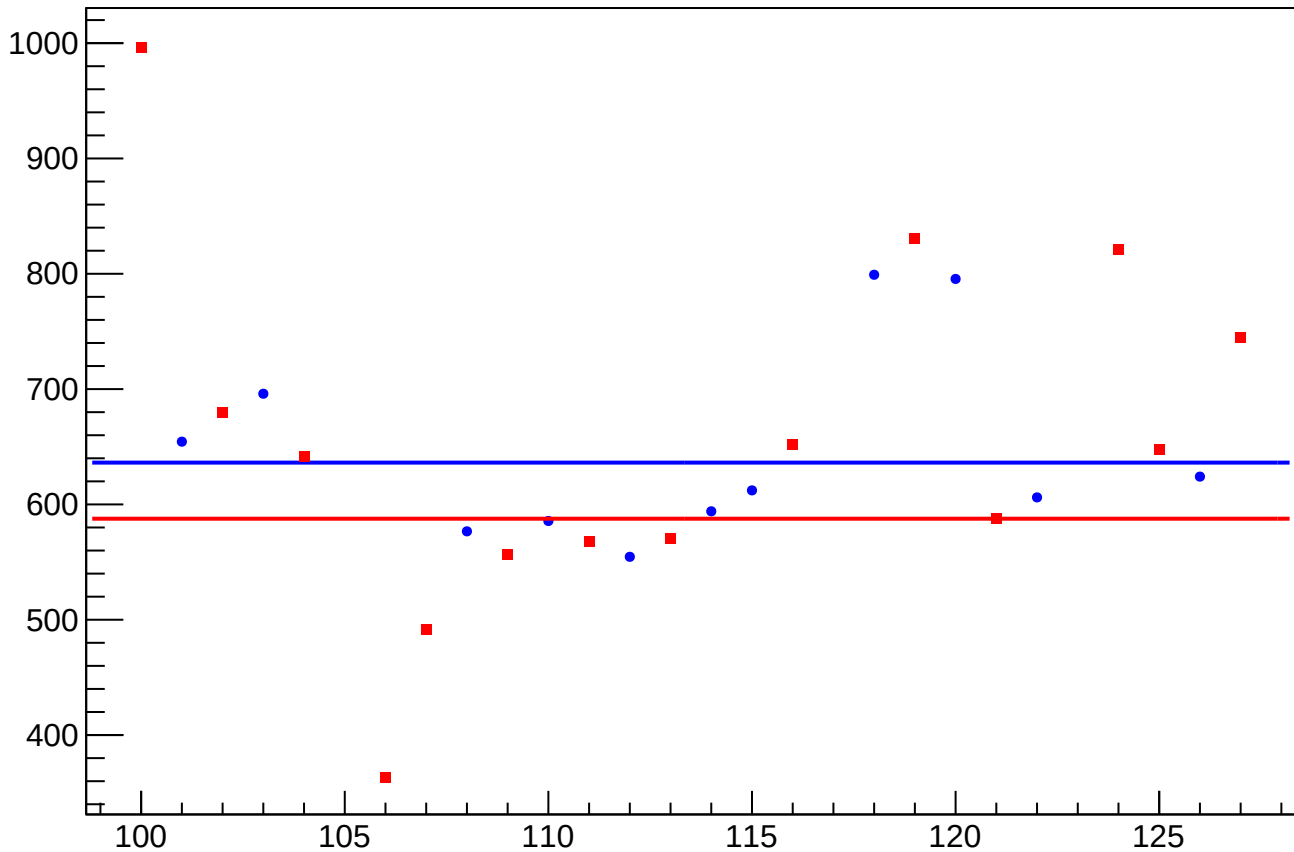
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -422.229 $\pm$ 196.214 χ^2 /NDF: 25.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_dit_correction_rms vs Slug



Right In: 636.260+/-0.214 χ^2/NDF : 122251.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 587.617+/-0.182 χ^2/NDF : 476183.2/13

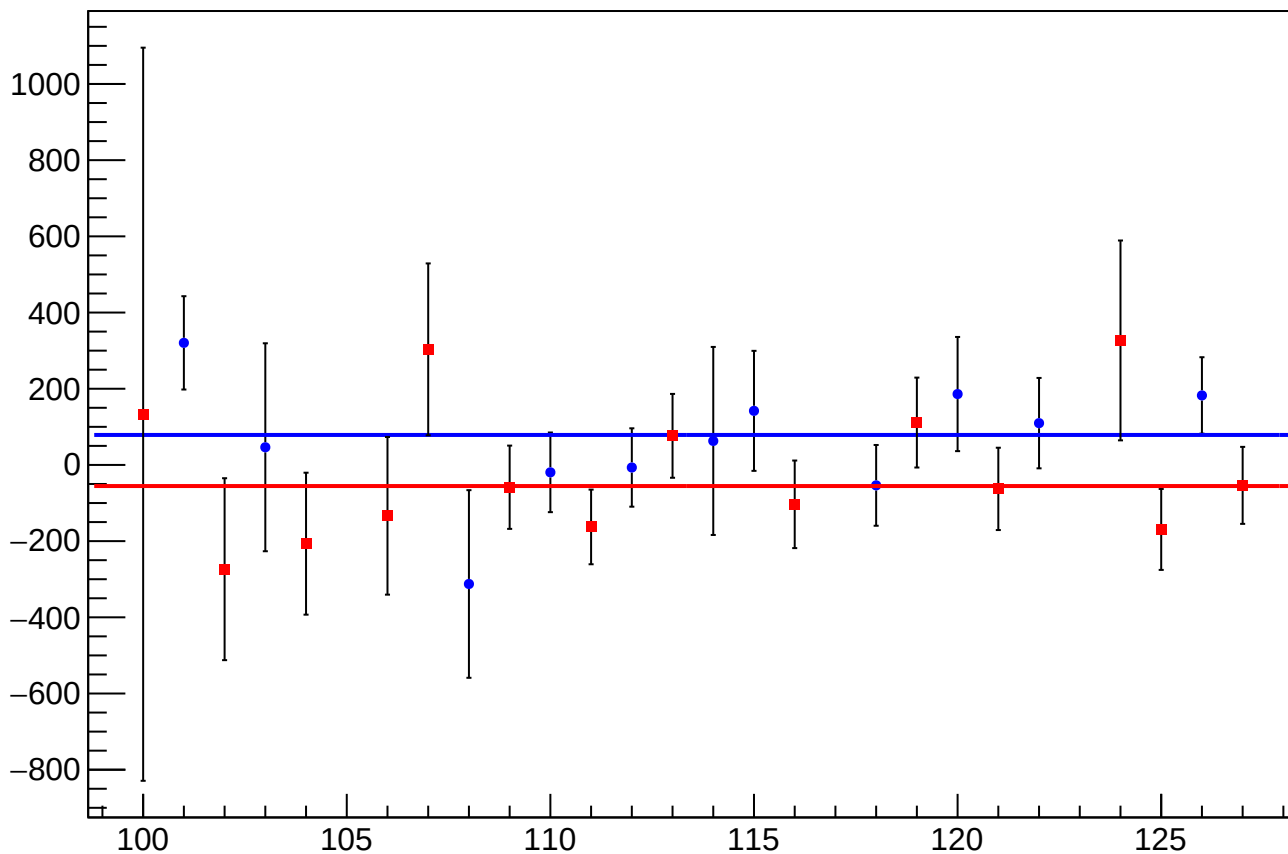
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 608.090+/-0.139 χ^2/NDF : 628393.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_37_dd_mean vs Slug



Right In: 78.716+/-39.426 χ^2/NDF : 11.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -55.404+/-35.462 χ^2/NDF : 12.3/13

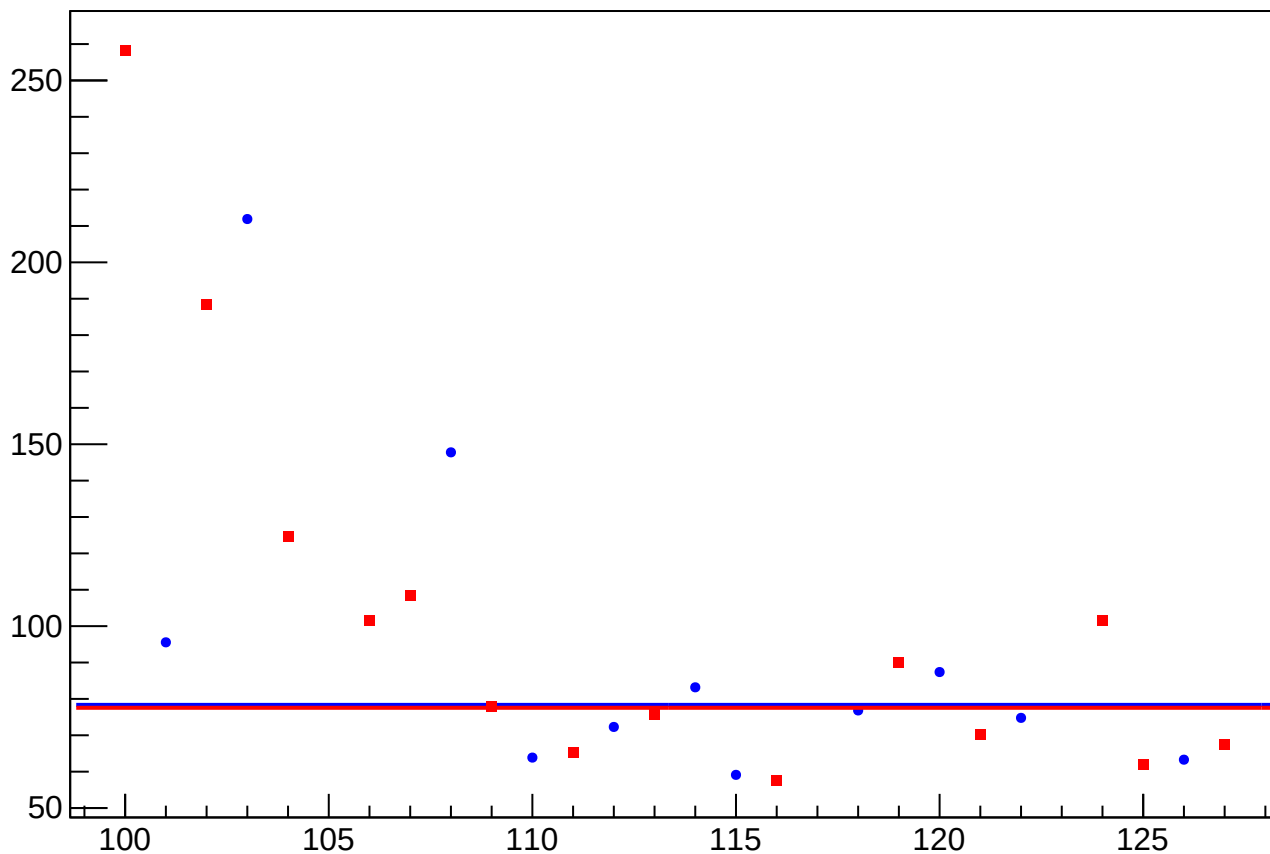
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.576+/-26.366 χ^2/NDF : 30.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_37_dd_rms vs Slug



Right In: 78.360+/-0.028 χ^2/NDF : 807727.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.557+/-0.025 χ^2/NDF : 898317.3/13

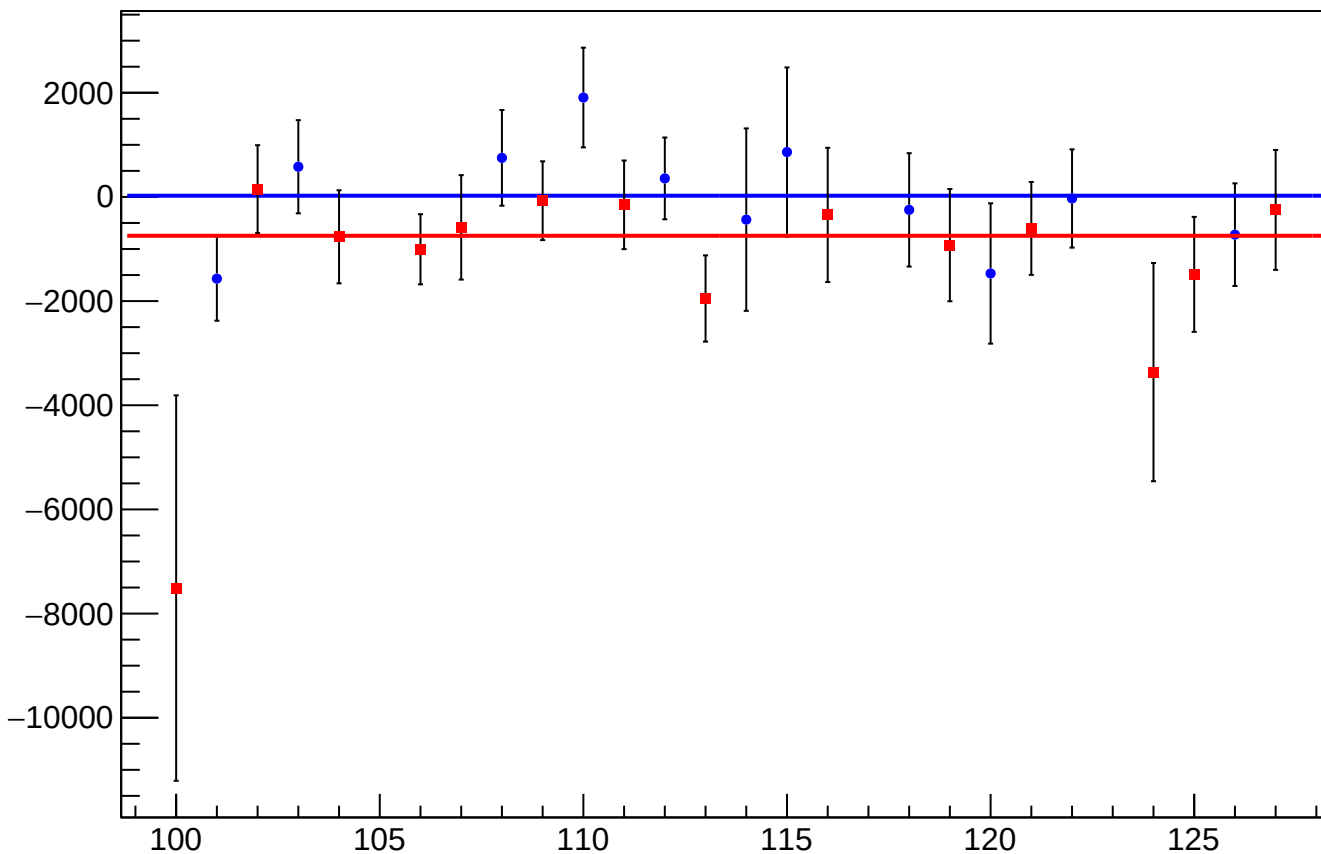
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.916+/-0.019 χ^2/NDF : 1706503.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_eigen_dit_correction_mean vs Slug



Right In: 23.151 $\pm$ 302.447 χ^2 /NDF: 11.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -745.913 $\pm$ 257.837 χ^2 /NDF: 10.4/13

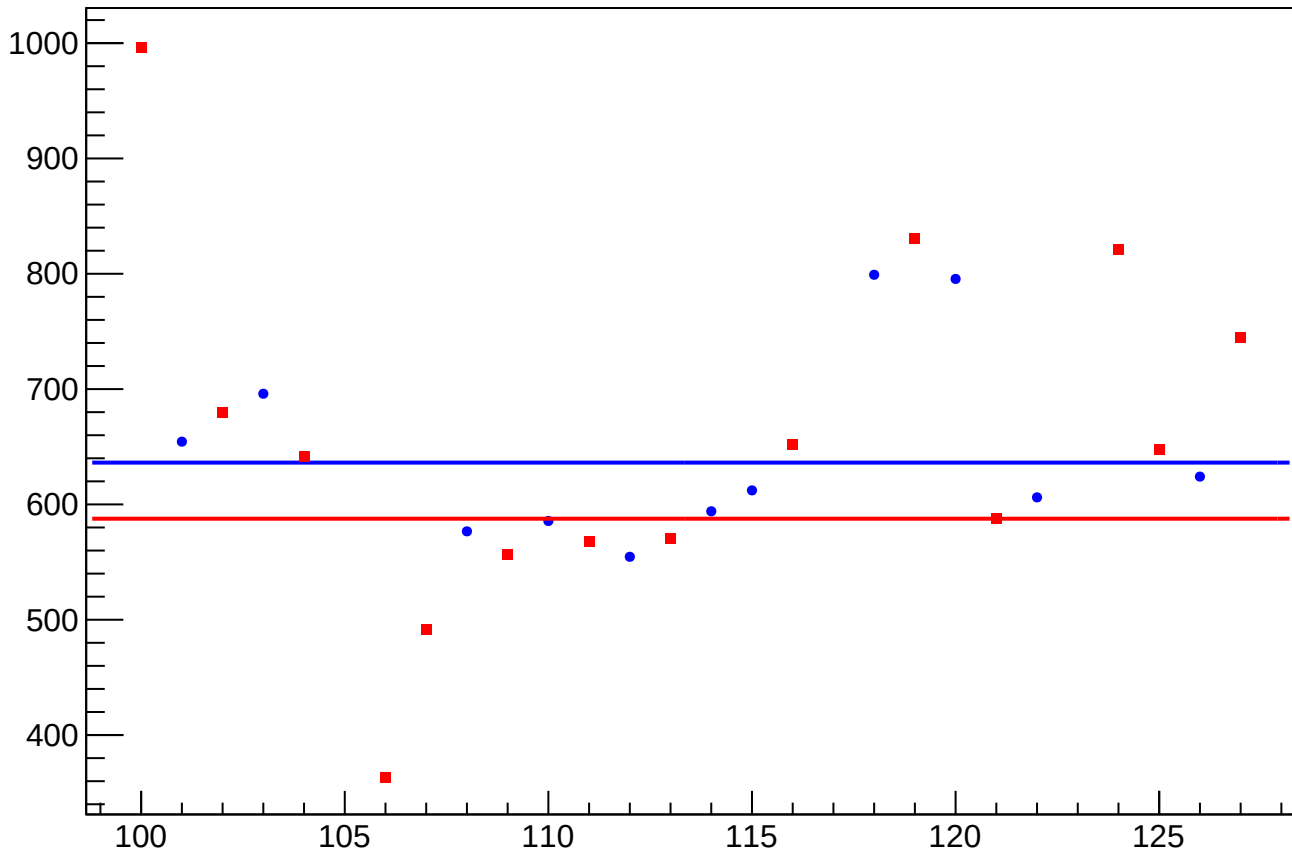
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -422.228 $\pm$ 196.214 χ^2 /NDF: 25.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_dit_correction_rms vs Slug



Right In: 636.259 $\pm$ 0.214 χ^2 /NDF: 122253.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 587.616 $\pm$ 0.182 χ^2 /NDF: 476183.6/13

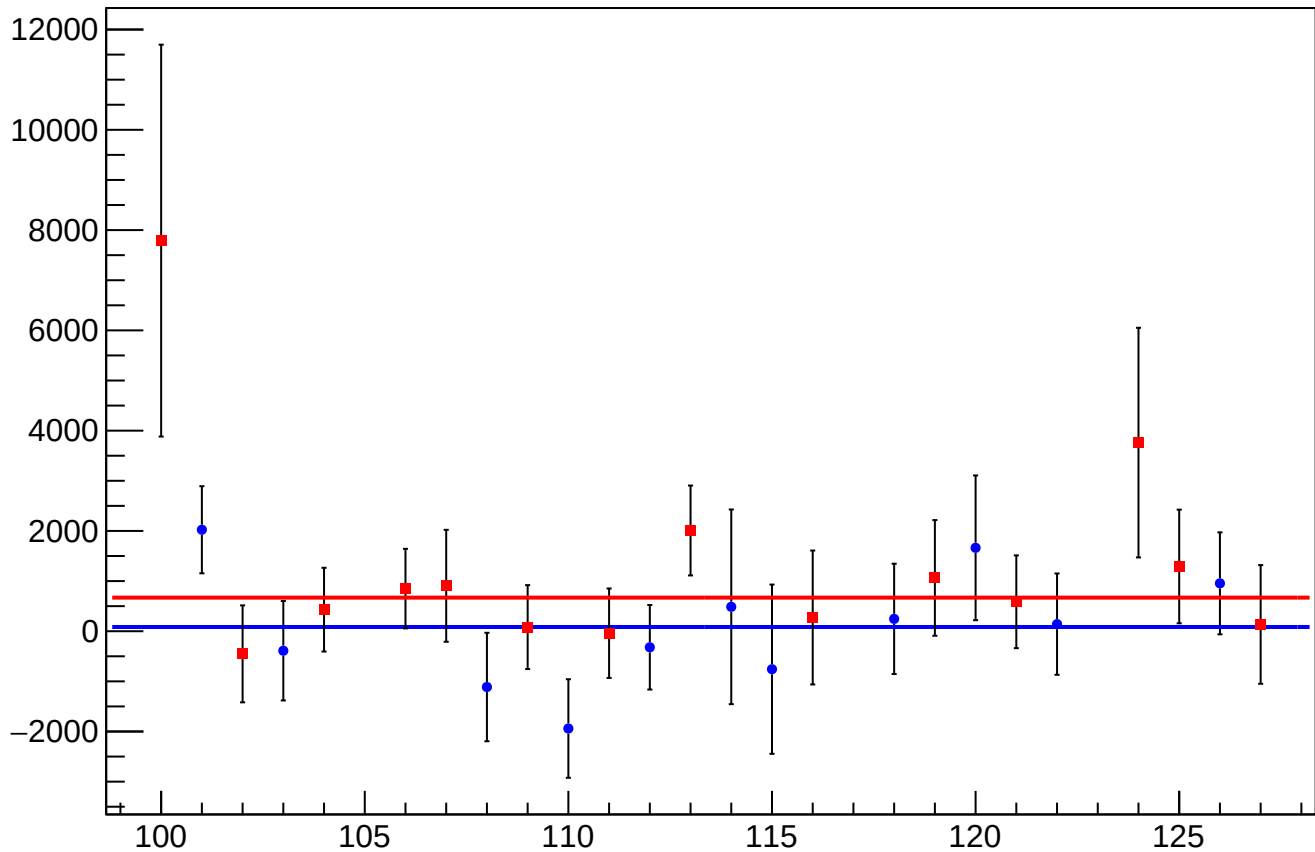
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 608.089 $\pm$ 0.139 χ^2 /NDF: 628397.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_mean vs Slug



Right In: 84.330+/-324.319 χ^2/NDF : 13.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 670.142+/-276.781 χ^2/NDF : 10.7/13

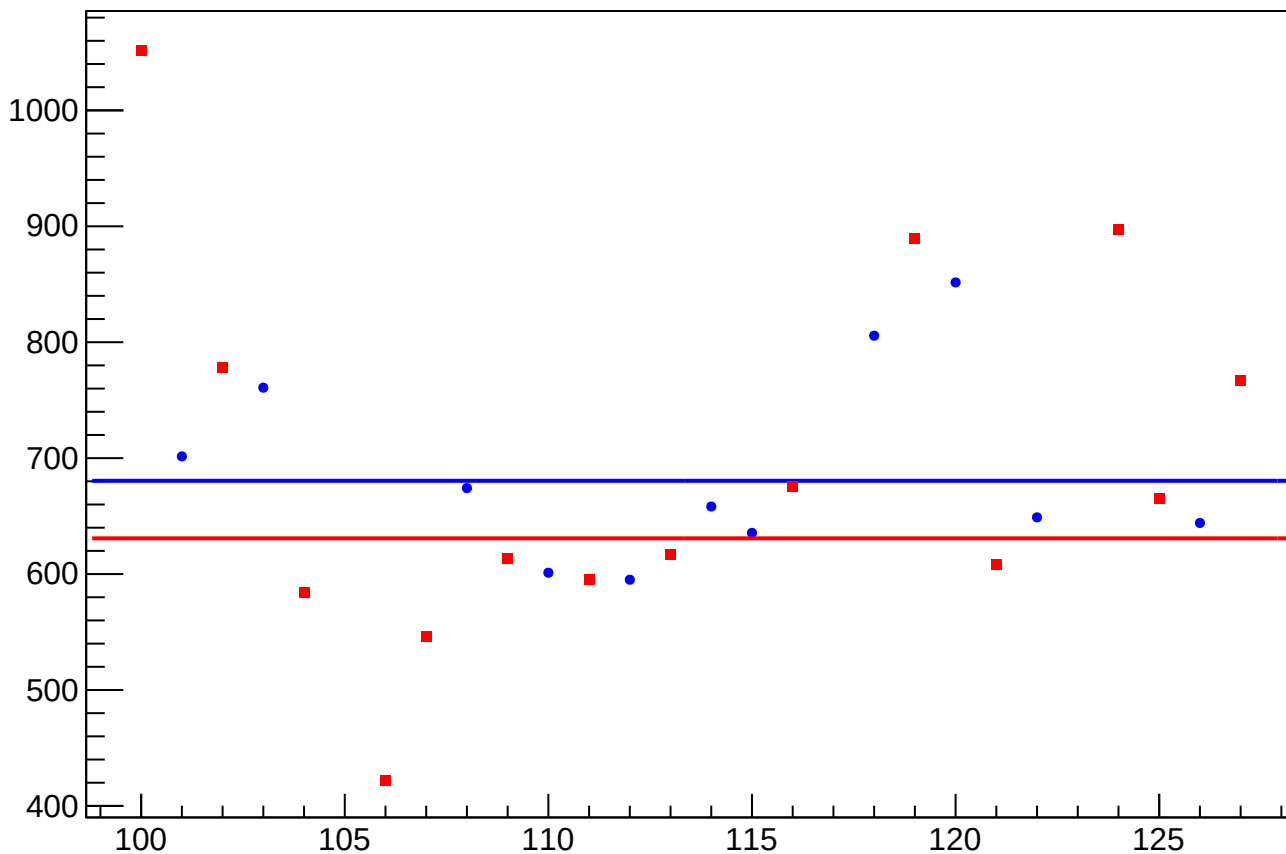
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 423.277+/-210.534 χ^2/NDF : 25.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_rms vs Slug



Right In: 680.456 $\pm$ 0.229 χ^2 /NDF: 108060.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 630.817 $\pm$ 0.196 χ^2 /NDF: 389047.0/13

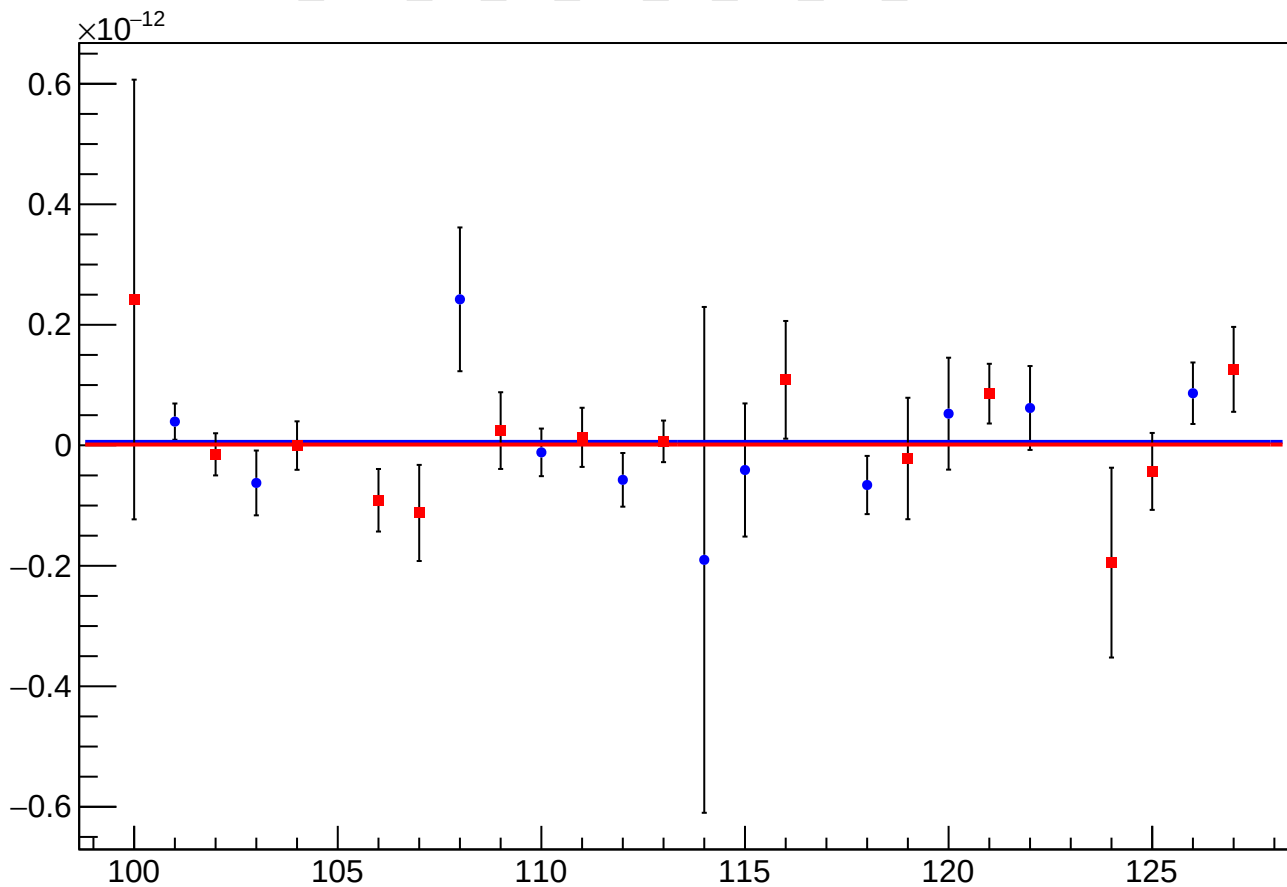
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 651.735 $\pm$ 0.149 χ^2 /NDF: 524216.2/24

- 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 $\pm$ 0.000 χ^2 /NDF: 15.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.4/13

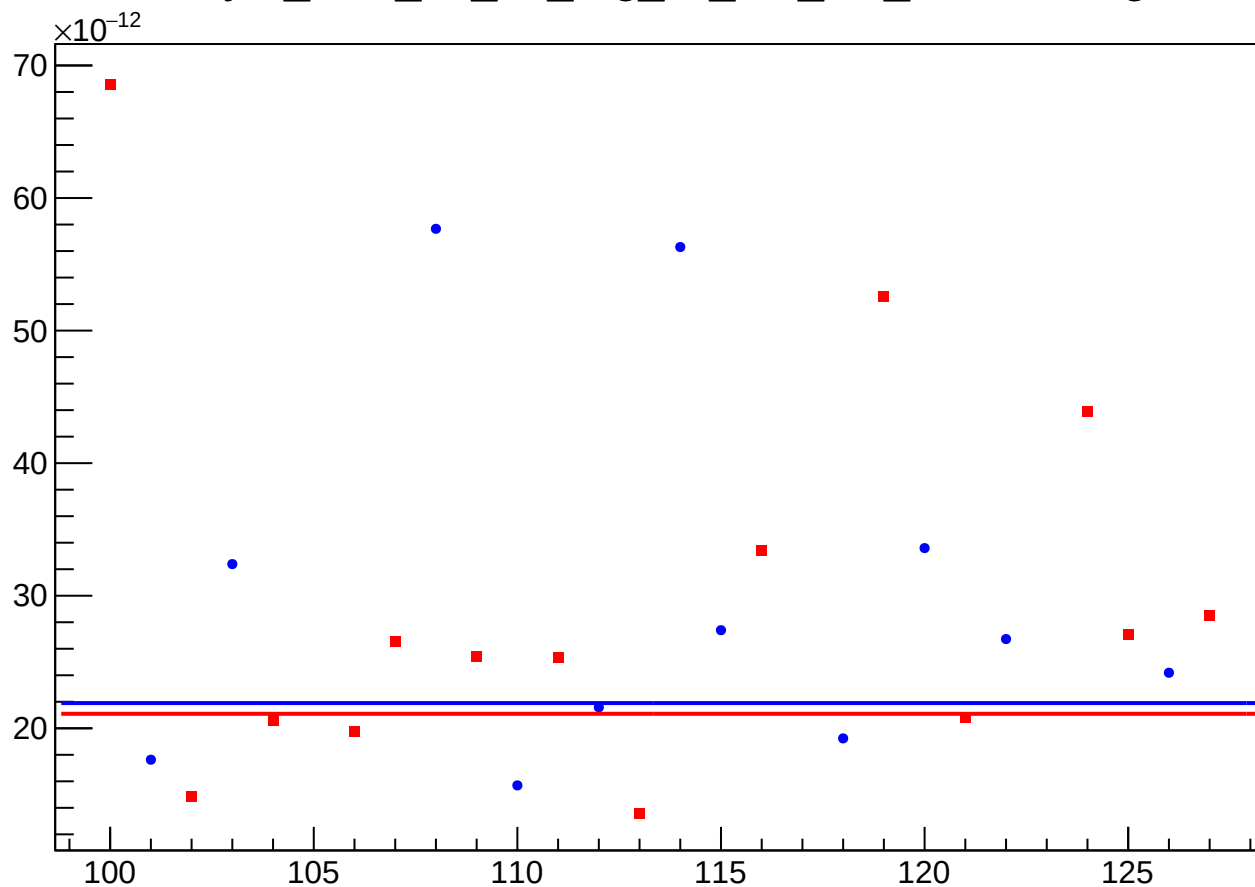
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 30.4/24

- sign 0.000 $\pm$ 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 : 415553.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 535527.8/13

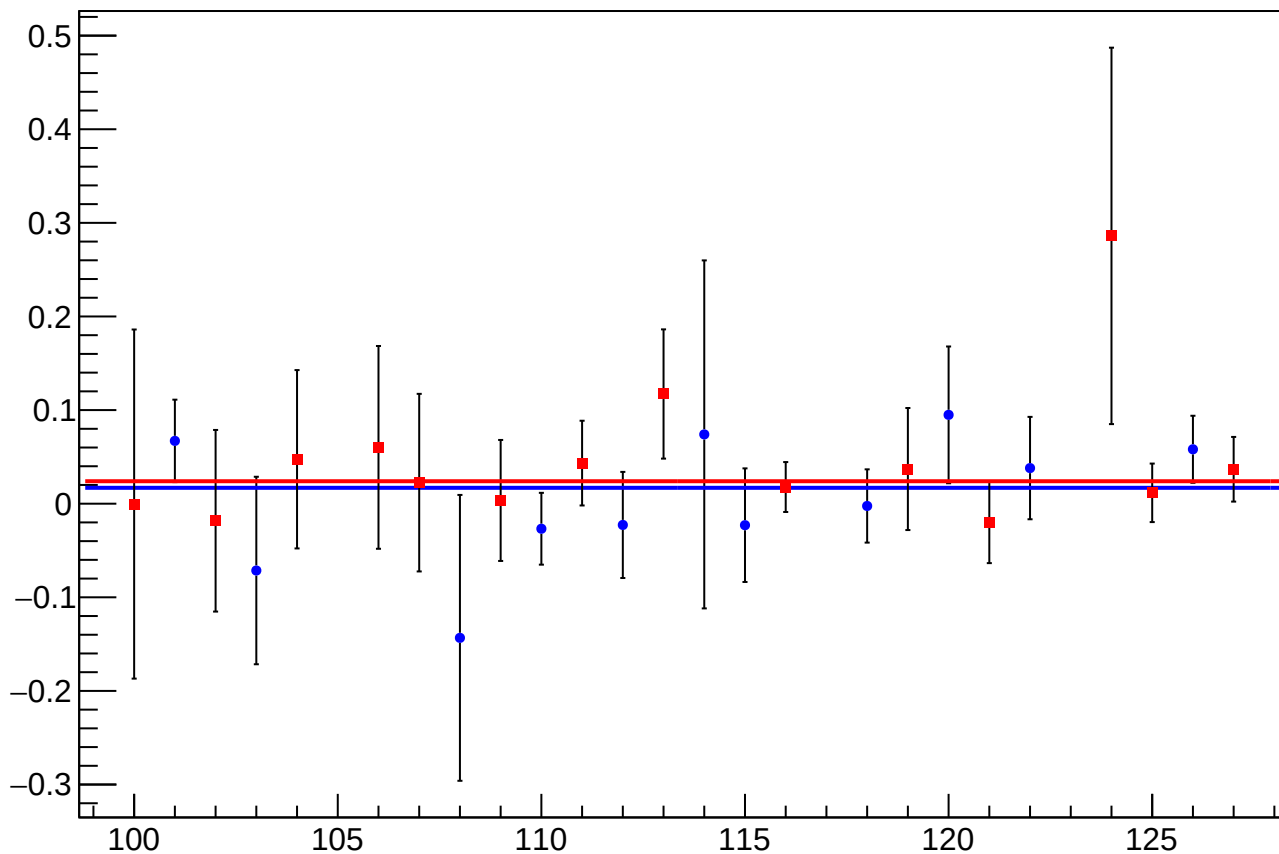
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 953840.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.017 $\pm$ 0.016 χ^2 /NDF: 8.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.024 $\pm$ 0.014 χ^2 /NDF: 5.6/13

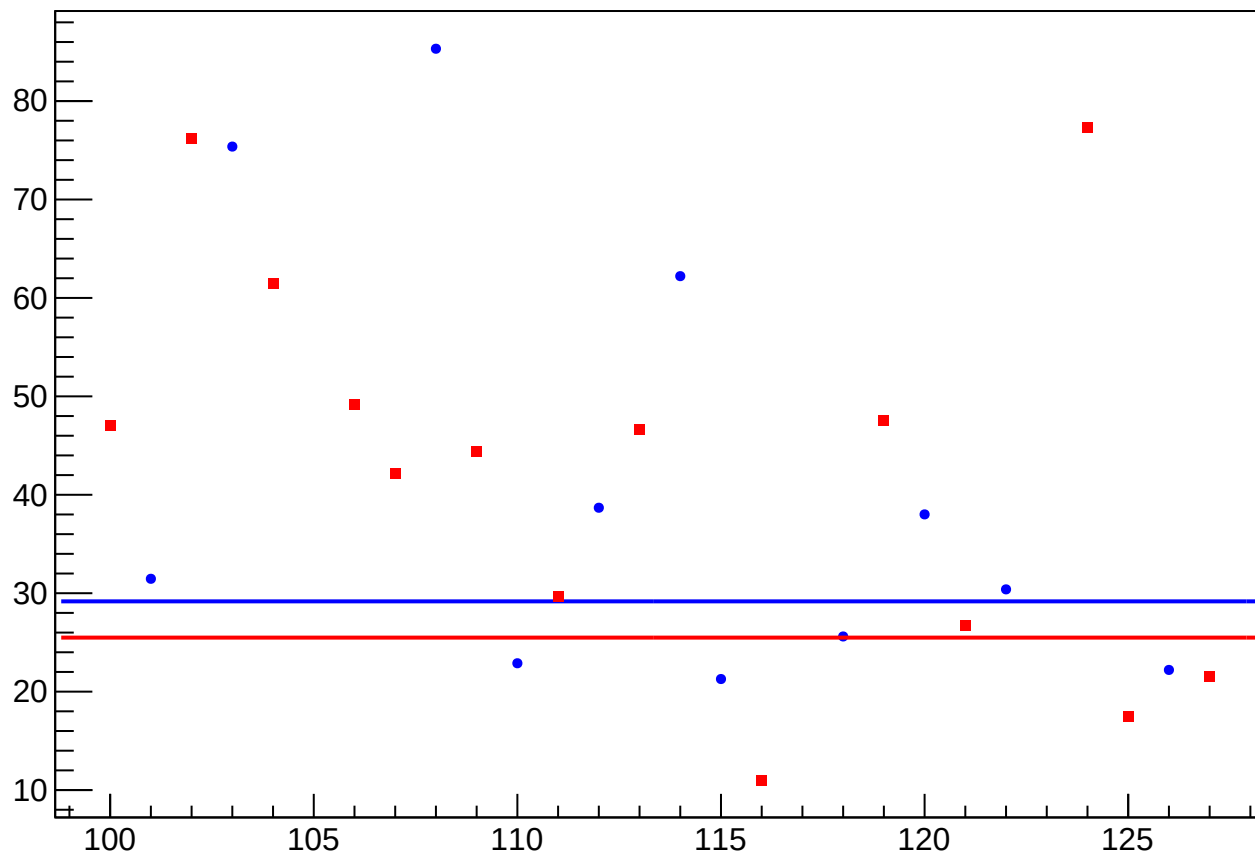
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.021 $\pm$ 0.010 χ^2 /NDF: 14.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_dit_vs_cor_diff_rms vs Slug



Right In: 29.172 $\pm$ 0.011 χ^2 /NDF: 1031268.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 25.489 $\pm$ 0.010 χ^2 /NDF: 2506042.4/13

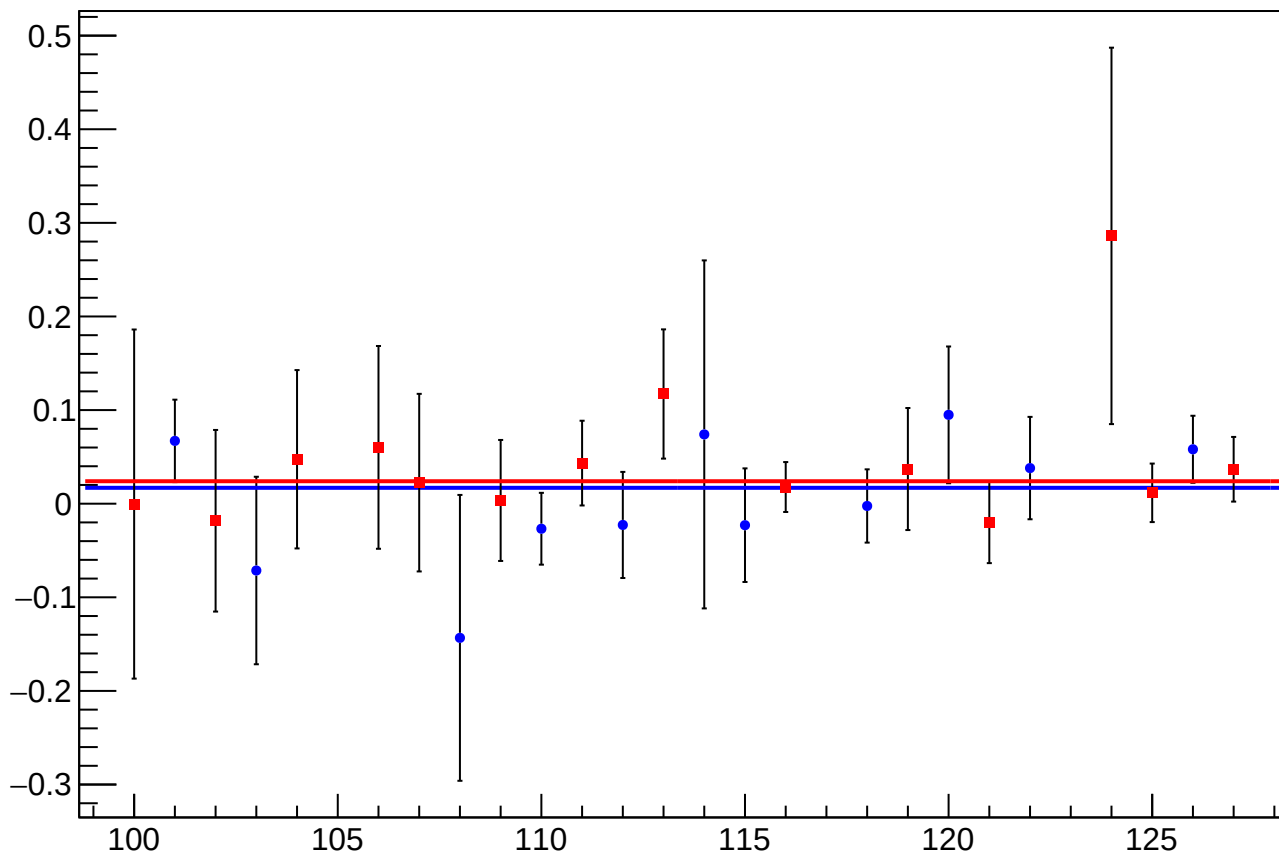
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.029 $\pm$ 0.007 χ^2 /NDF: 3598961.3/24

- 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: 0.017 $\pm$ 0.016 χ^2 /NDF: 8.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.024 $\pm$ 0.014 χ^2 /NDF: 5.6/13

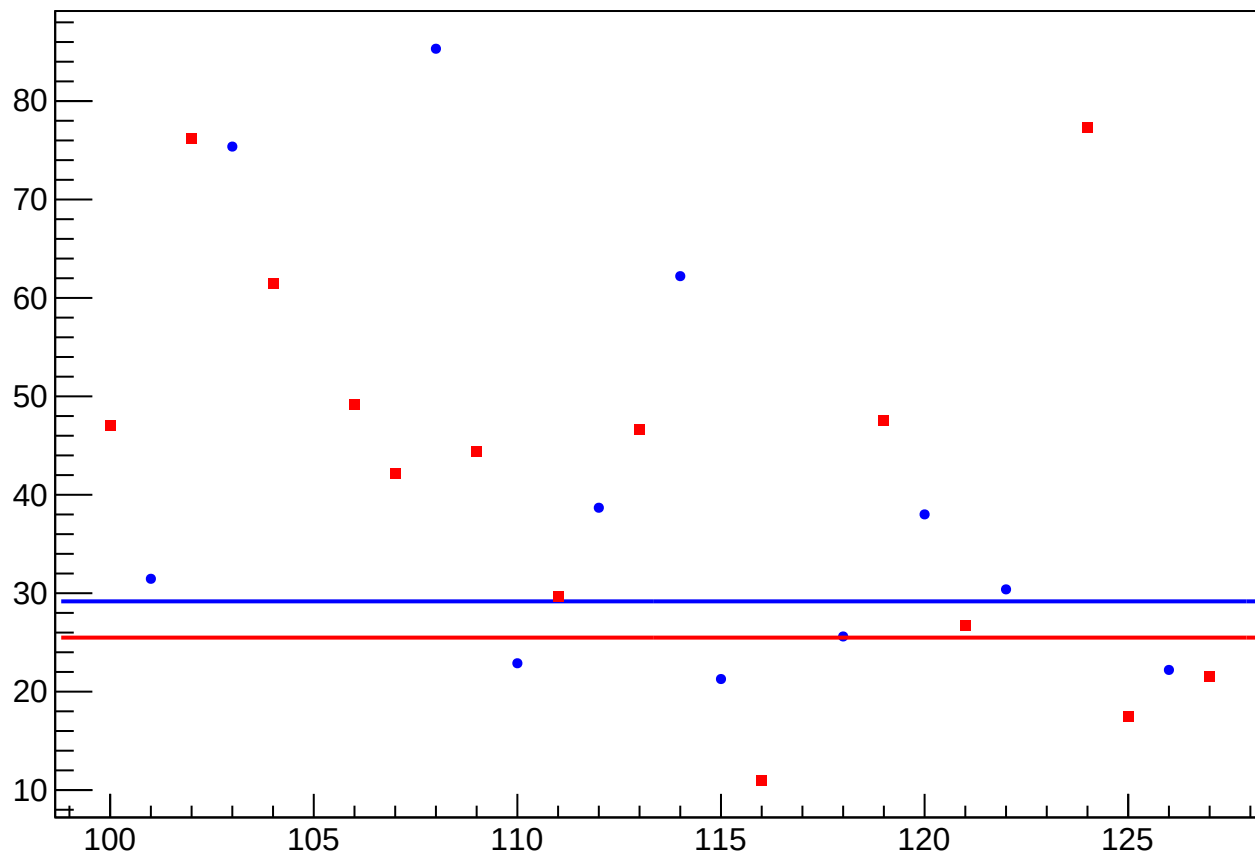
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.021 $\pm$ 0.010 χ^2 /NDF: 14.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 29.172 $\pm$ 0.011 χ^2 /NDF: 1031268.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 25.489 $\pm$ 0.010 χ^2 /NDF: 2506042.4/13

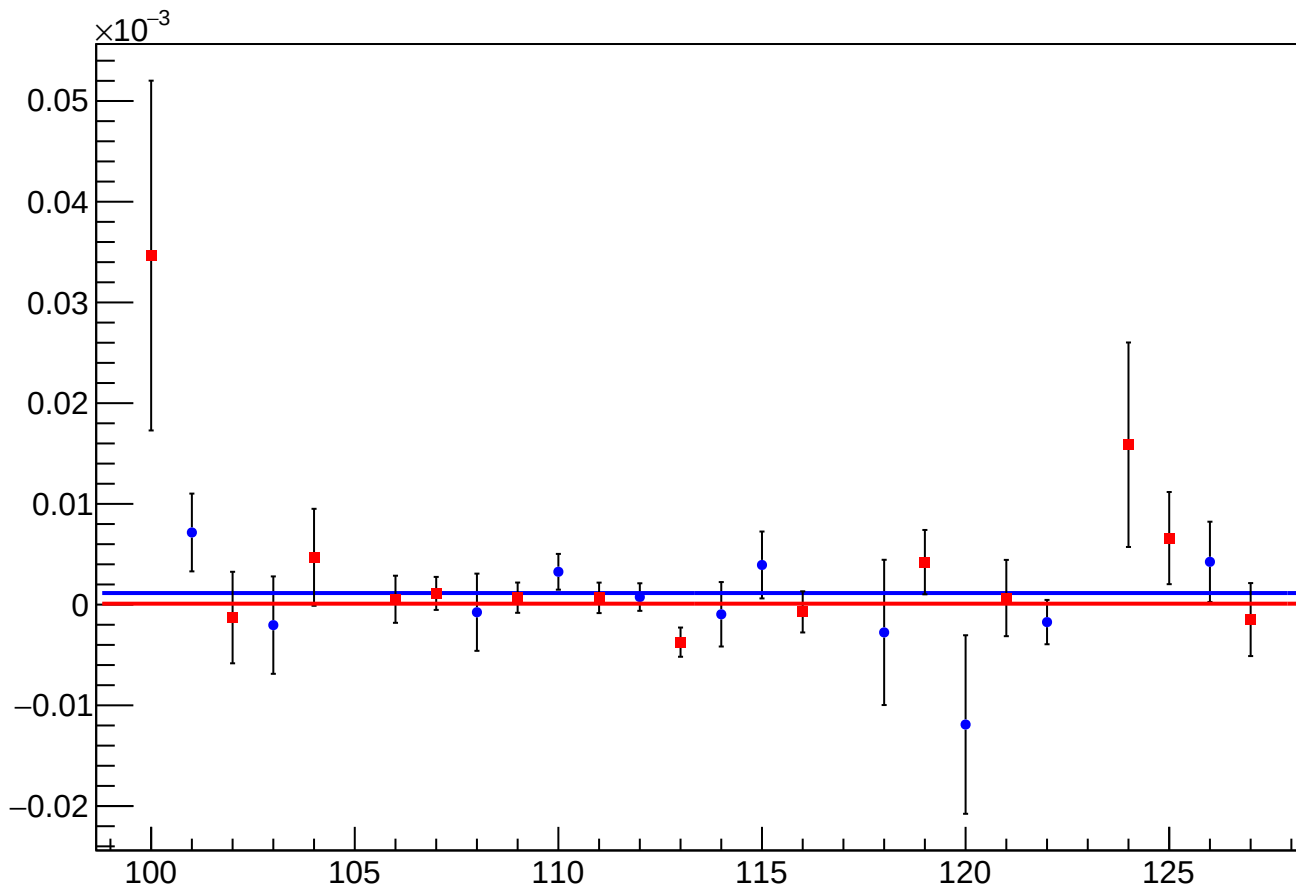
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.029 $\pm$ 0.007 χ^2 /NDF: 3598961.3/24

- 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 $\pm$ 0.000 χ^2 /NDF: 10.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.1/13

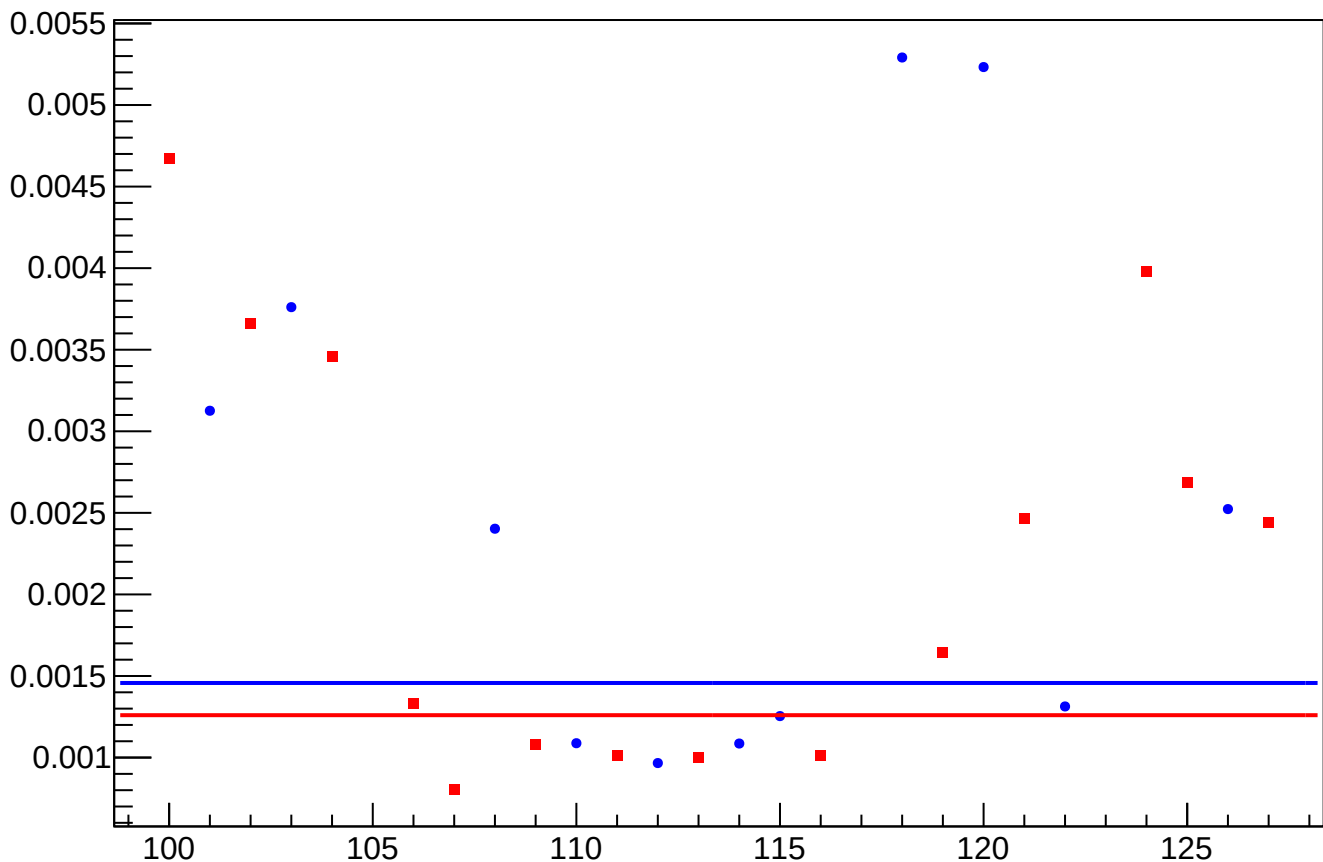
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 30.7/24

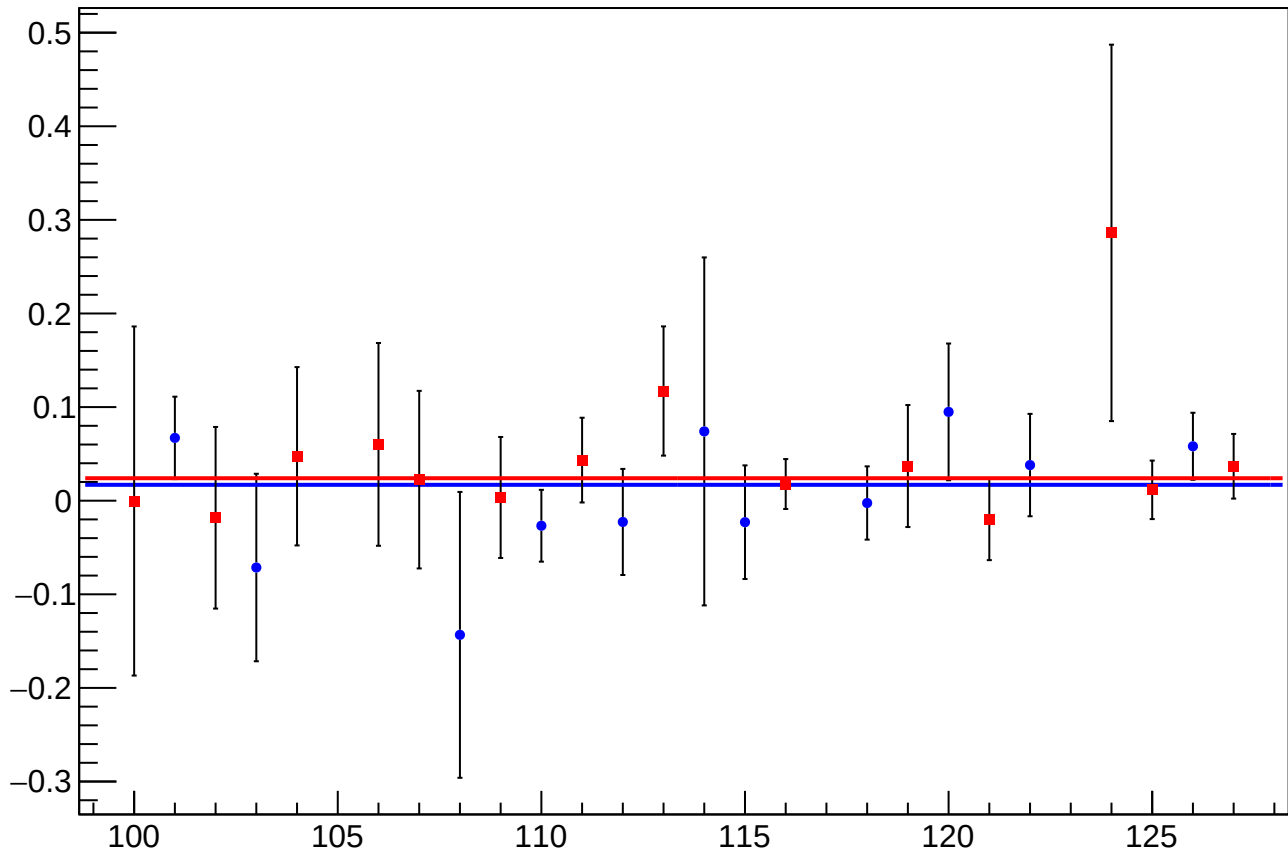
- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000	χ^2/NDF : 2407994.8/10	+ sign 0.000+/-0.000	χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000	χ^2/NDF : 0.0/0	All: 0.001+/-0.000	χ^2/NDF : 4648383.0/24
Right Out: 0.001+/-0.000	χ^2/NDF : 2166206.9/13	- sign 0.000+/-0.000	χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000	χ^2/NDF : 0.0/0		

asym_sam_37_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.017 $\pm$ 0.016 χ^2 /NDF: 8.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.024 $\pm$ 0.014 χ^2 /NDF: 5.6/13

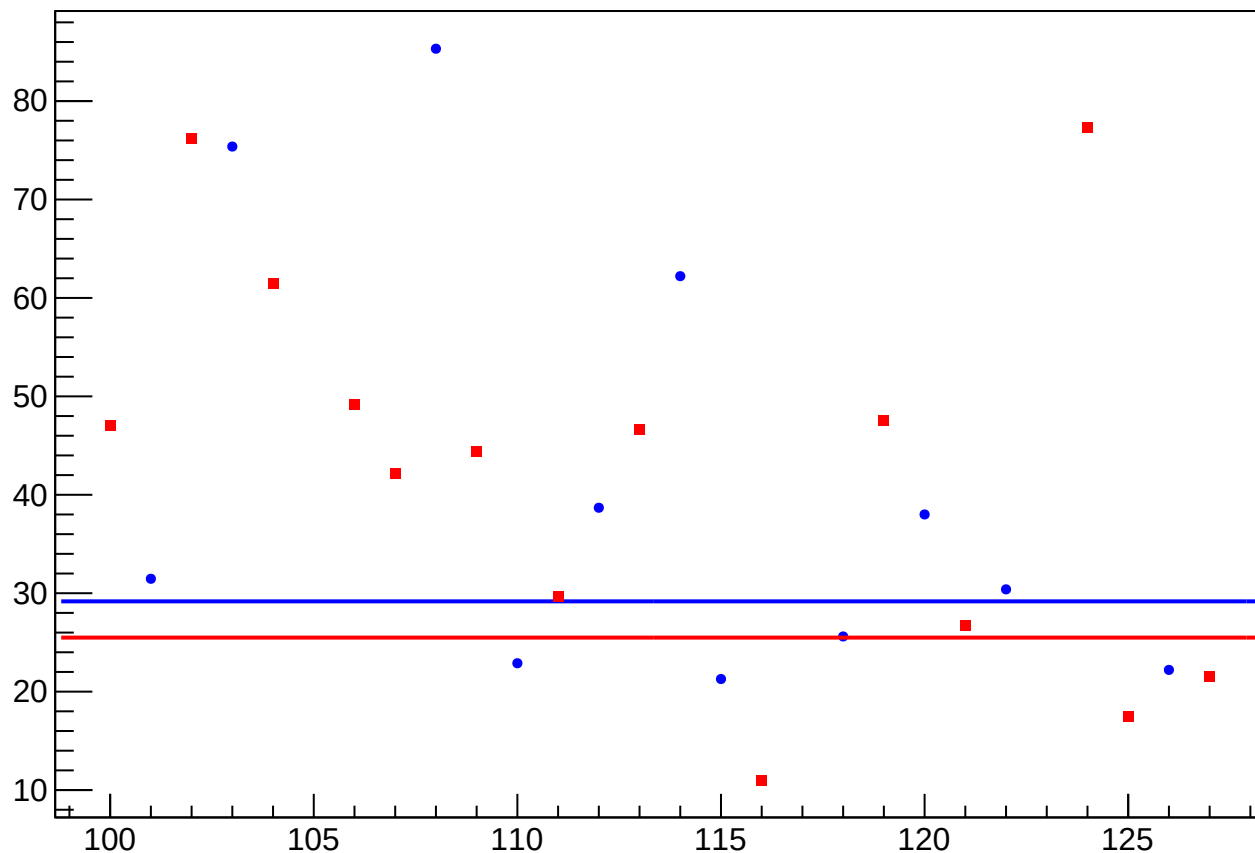
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.021 $\pm$ 0.010 χ^2 /NDF: 14.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 29.174 $\pm$ 0.011 χ^2 /NDF: 1031180.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 25.490 $\pm$ 0.010 χ^2 /NDF: 2505851.7/13

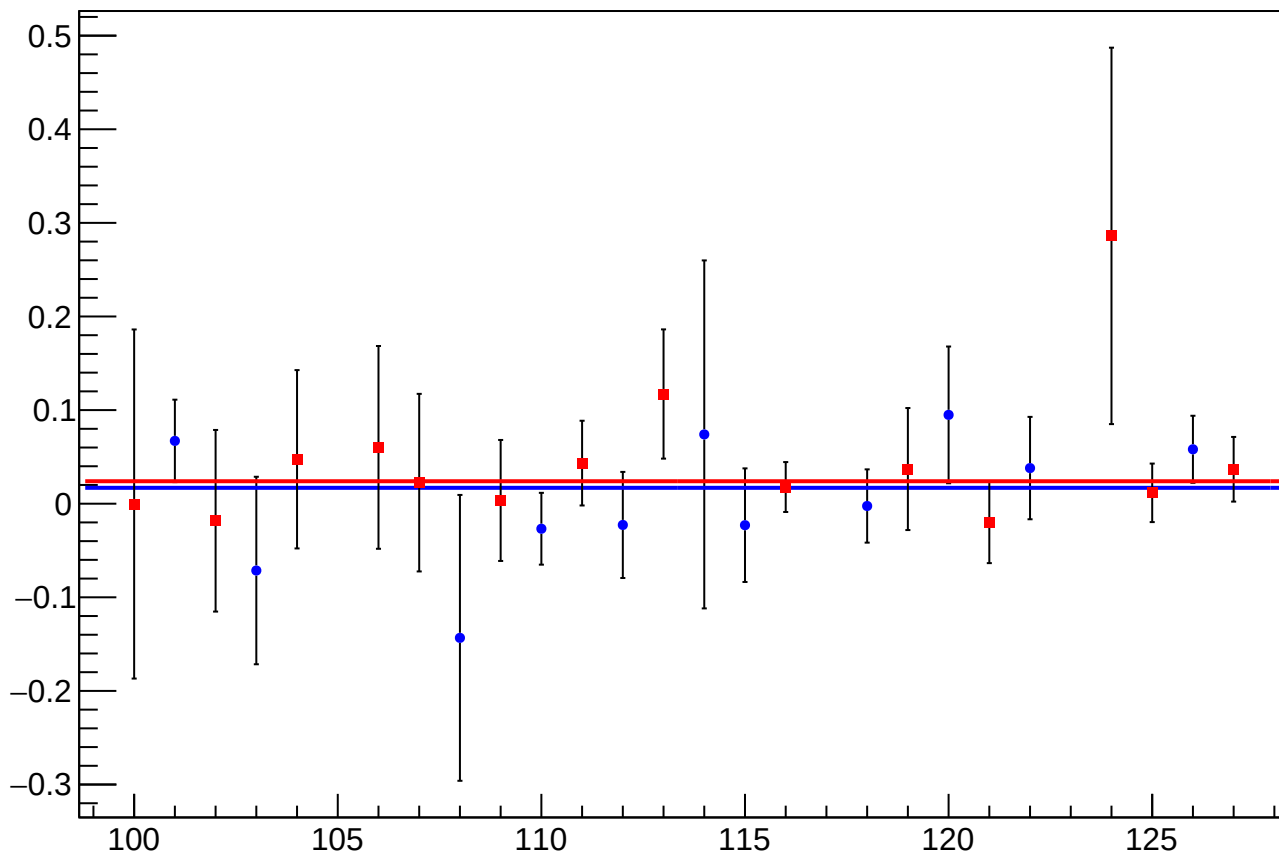
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.030 $\pm$ 0.007 χ^2 /NDF: 3598683.2/24

- 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: 0.017+/-0.016 χ^2/NDF : 8.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.024+/-0.014 χ^2/NDF : 5.6/13

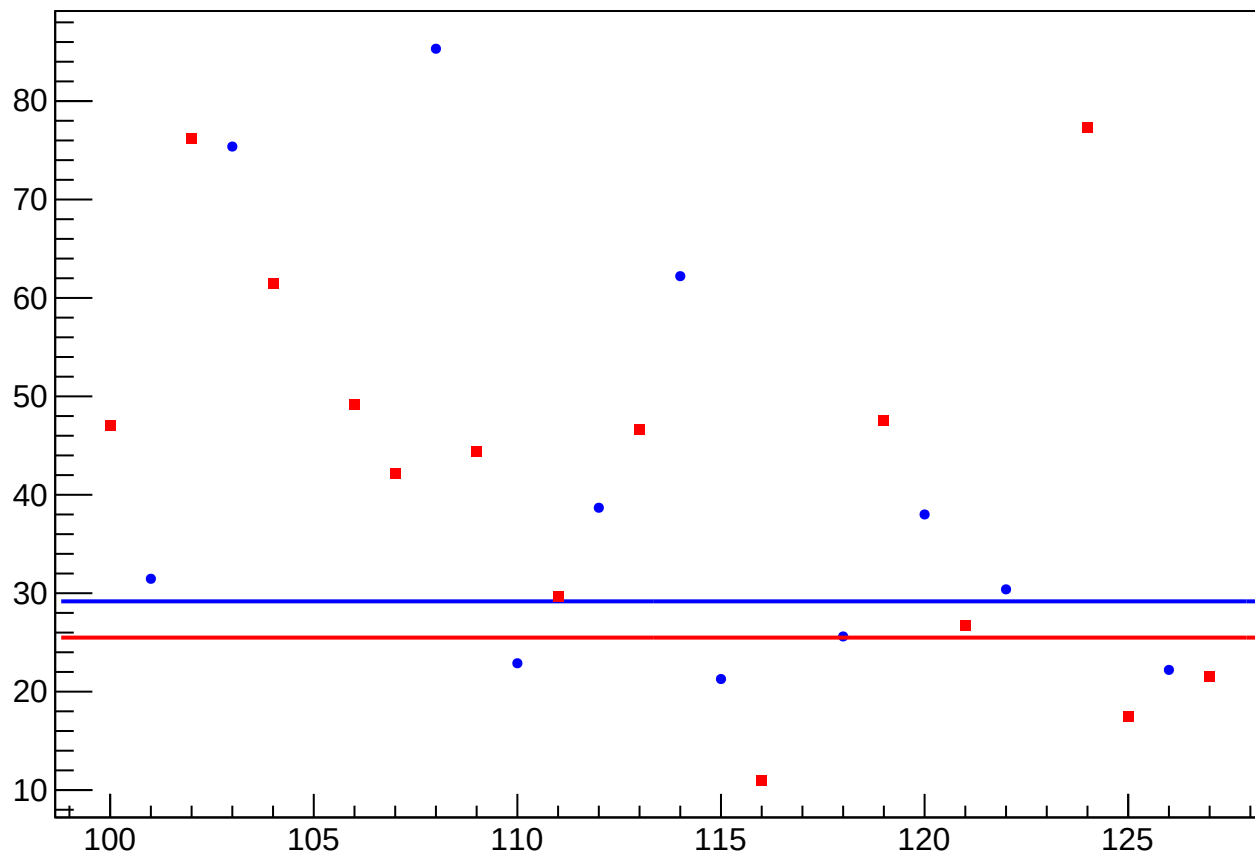
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.021+/-0.010 χ^2/NDF : 14.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 29.174+/-0.011 χ^2/NDF : 1031180.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.490+/-0.010 χ^2/NDF : 2505851.7/13

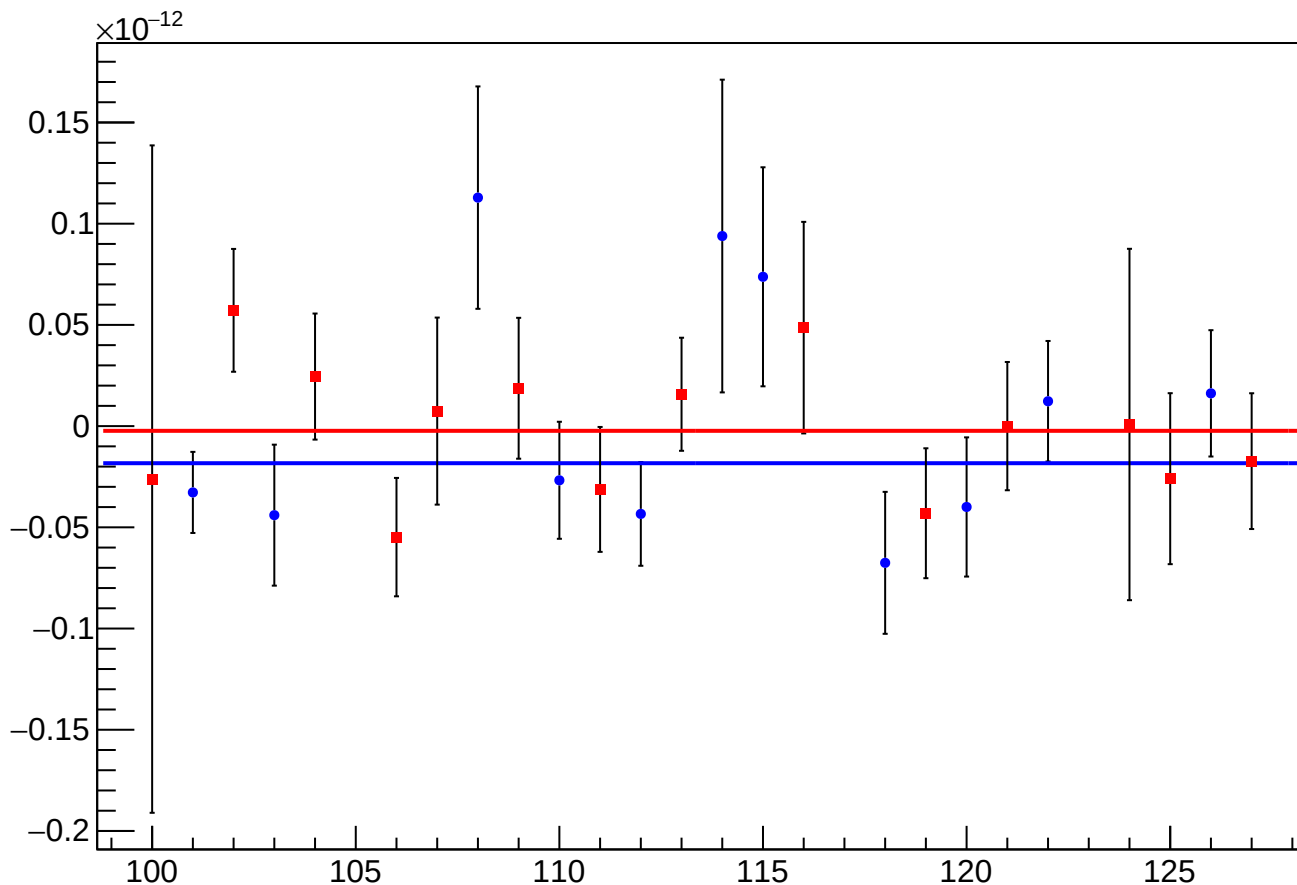
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.030+/-0.007 χ^2/NDF : 3598683.2/24

- sign 0.000+/-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: 17.5/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 12.6/13

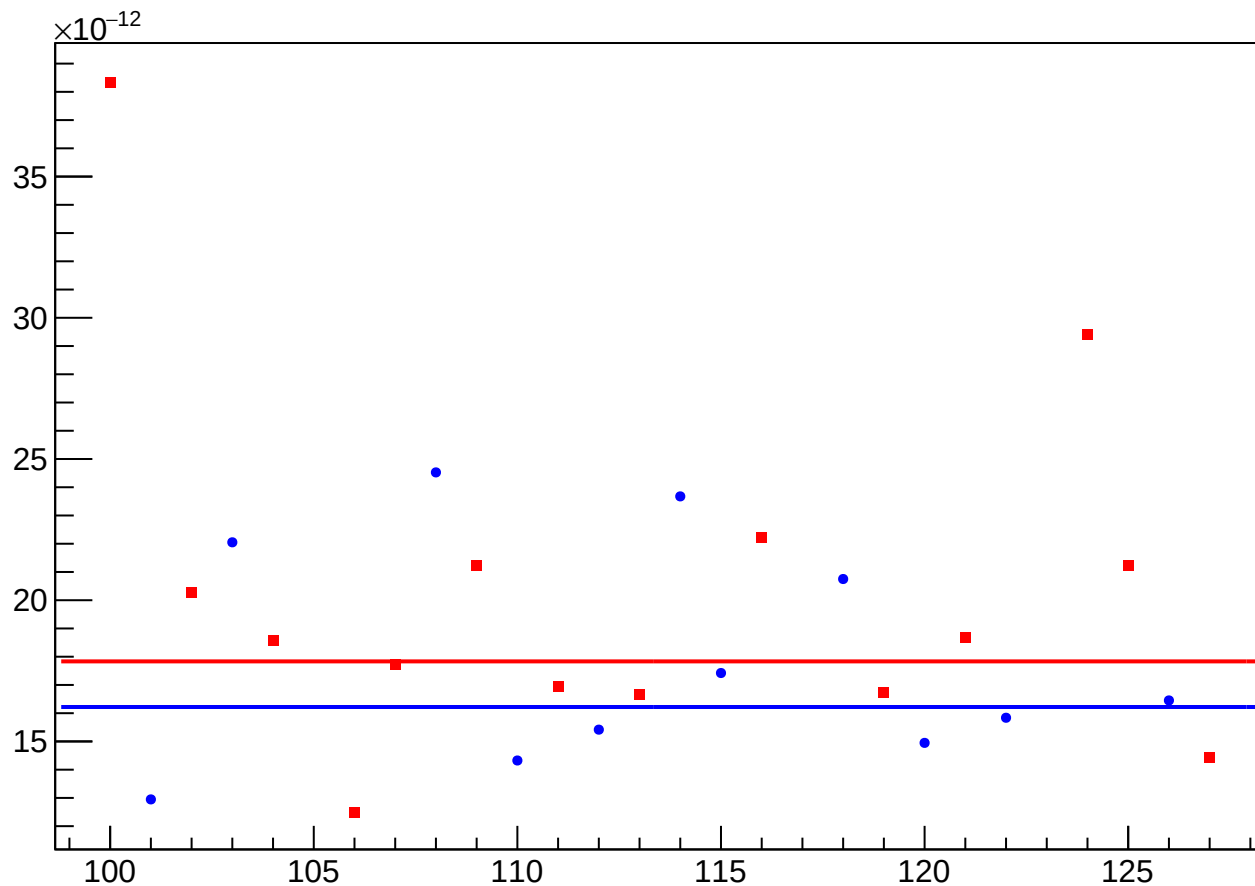
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 31.5/24

- 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 : 221910.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 222971.6/13

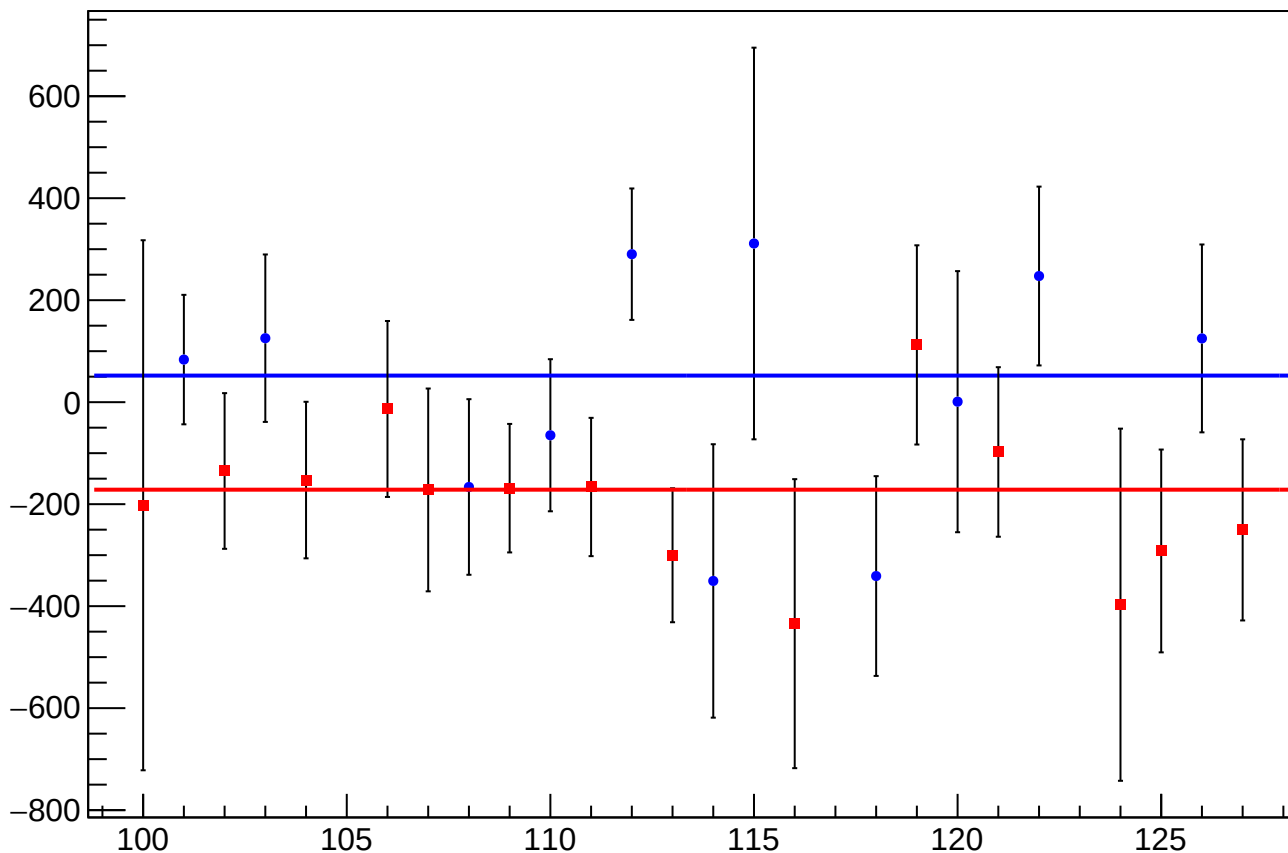
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 472989.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_mean vs Slug



Right In: 52.138+/-52.552 χ^2/NDF : 14.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -171.591+/-46.448 χ^2/NDF : 6.0/13

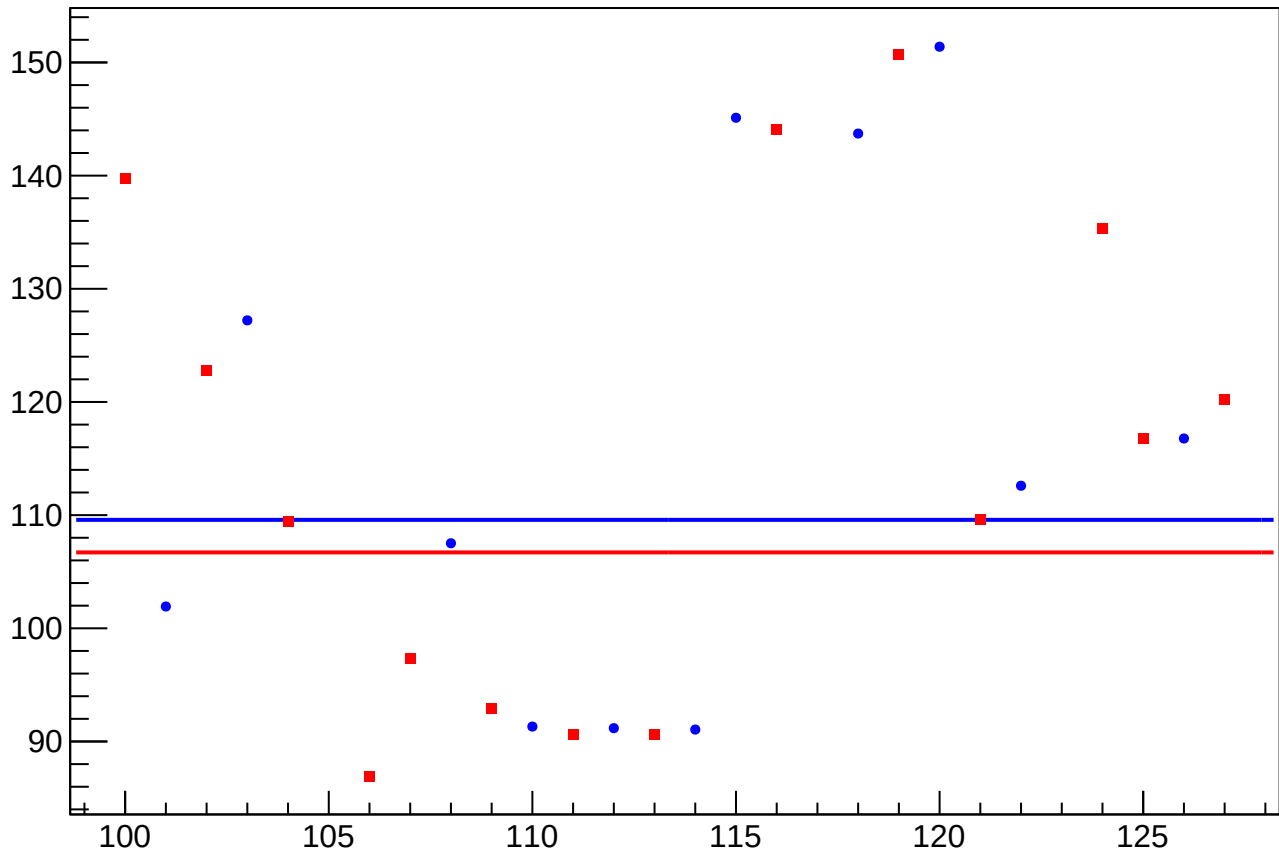
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -73.468+/-34.802 χ^2/NDF : 30.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_rms vs Slug



Right In: 109.584+/-0.037 χ^2/NDF : 245829.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.706+/-0.033 χ^2/NDF : 311264.1/13

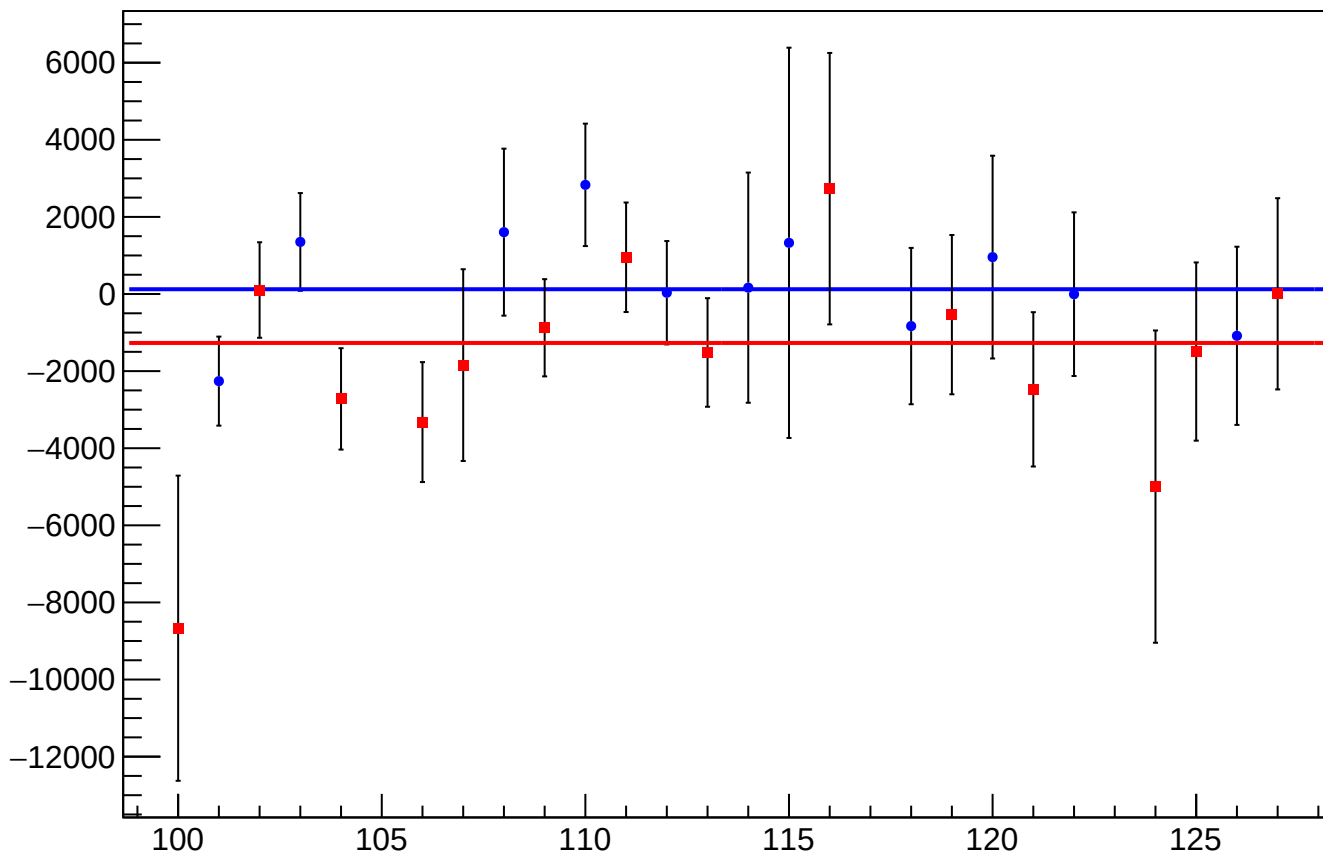
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.968+/-0.025 χ^2/NDF : 560460.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_reg_correction_mean vs Slug



Right In: 124.100+/-535.517 χ^2/NDF : 9.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1269.482+/-472.804 χ^2/NDF : 13.2/13

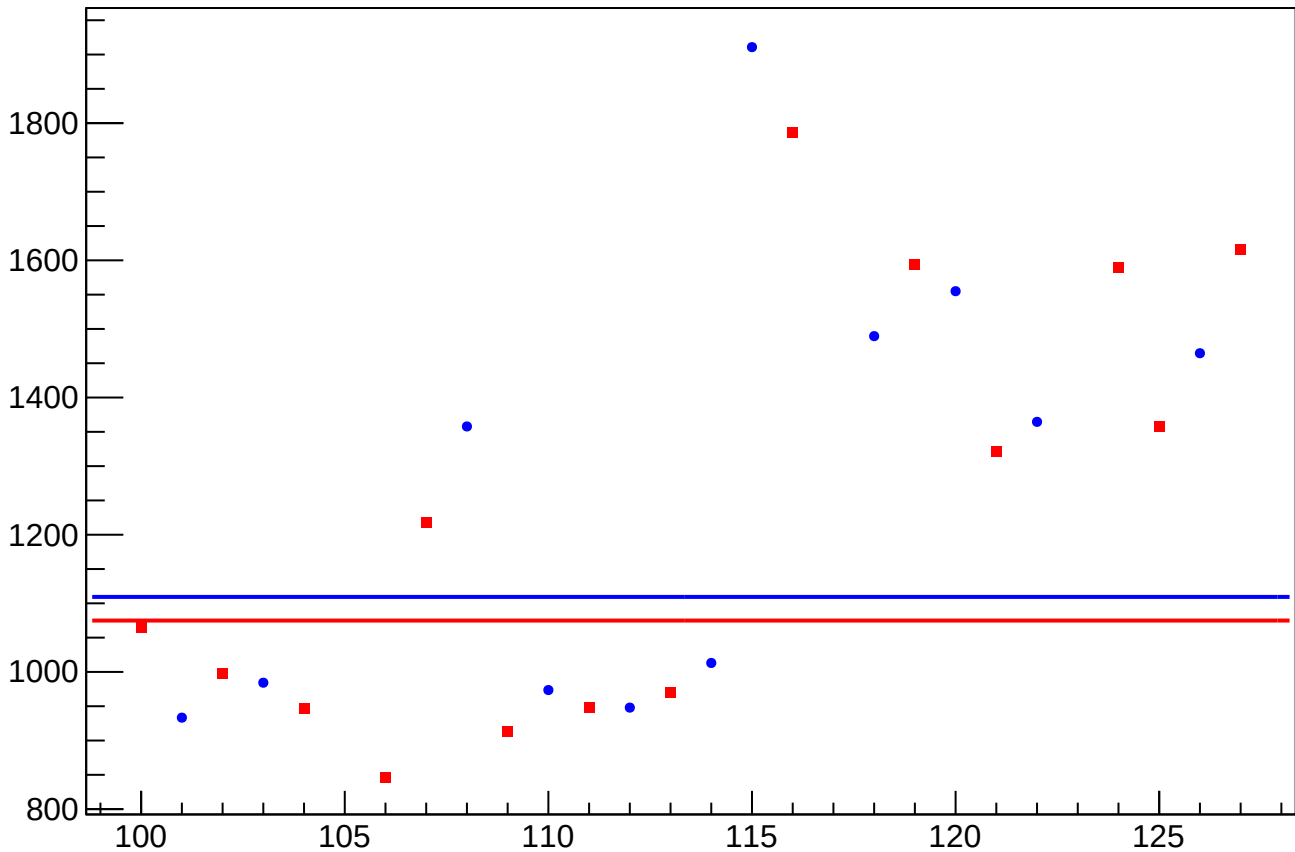
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -659.030+/-354.431 χ^2/NDF : 26.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_reg_correction_rms vs Slug



Right In: 1109.354+/-0.379 χ^2/NDF : 391990.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

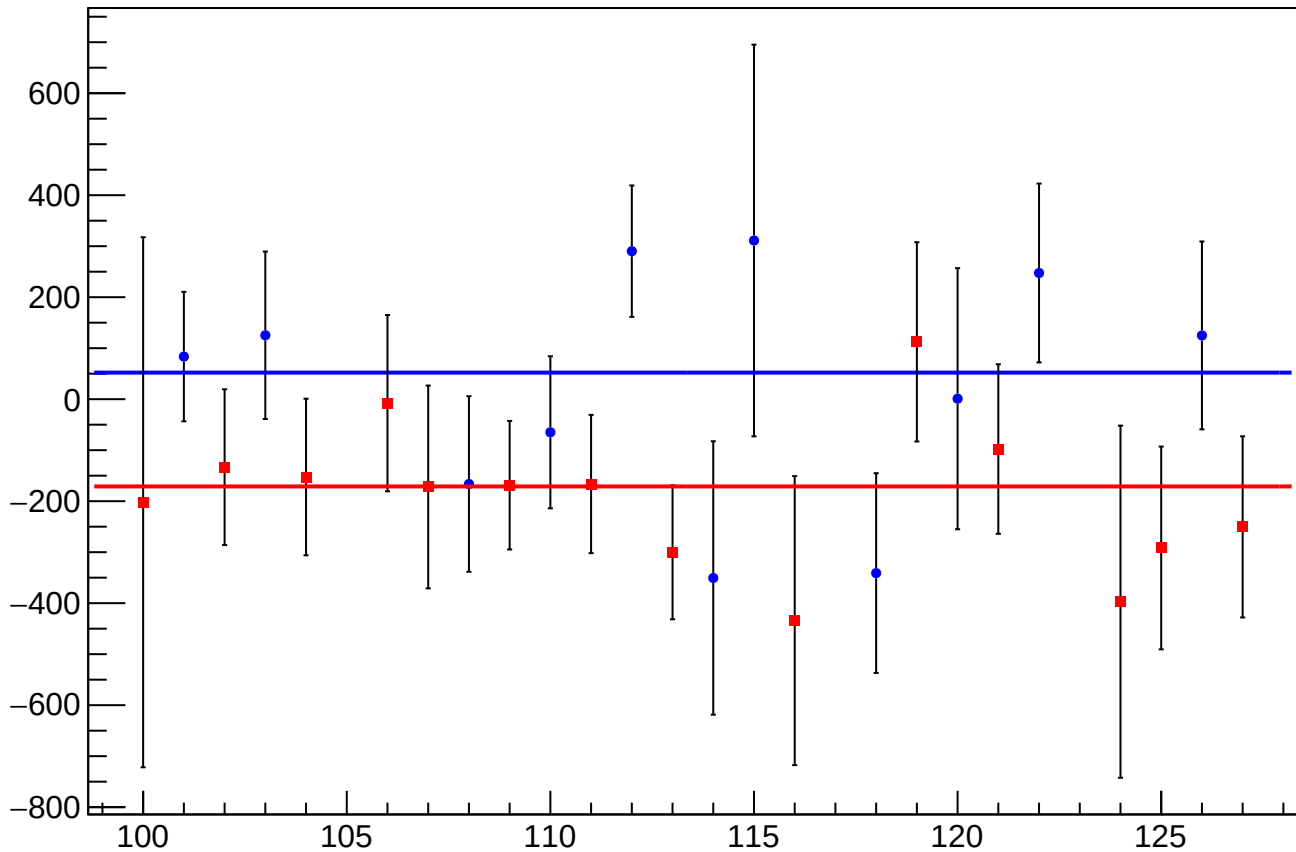
Right Out: 1074.891+/-0.334 χ^2/NDF : 531401.3/13

All: 1089.987+/-0.251 χ^2/NDF : 928046.3/24

- 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_sam_48_dd_mean vs Slug



Right In: 52.117 $\pm$ 52.552 χ^2 /NDF: 14.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -171.073 $\pm$ 46.456 χ^2 /NDF: 6.1/13

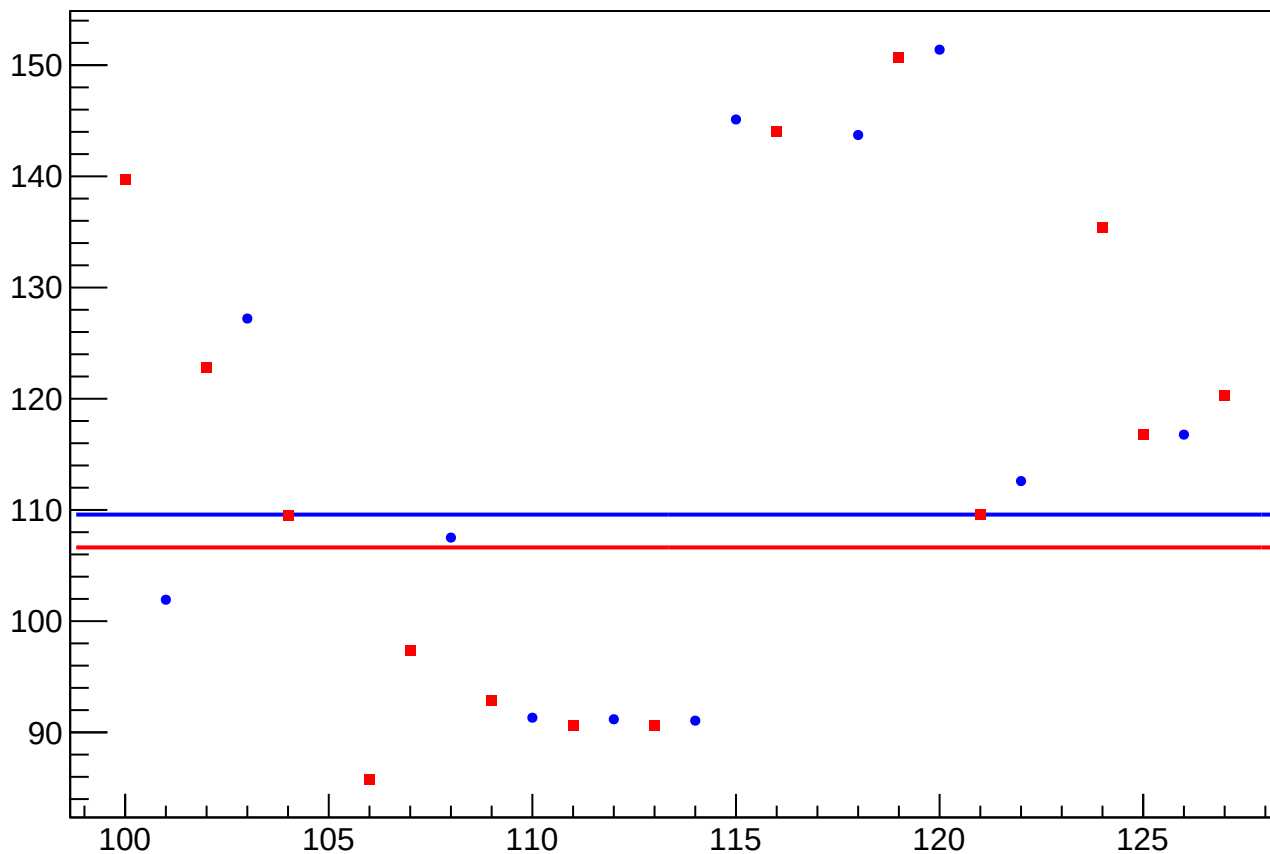
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -73.167 $\pm$ 34.806 χ^2 /NDF: 30.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_48_dd_rms vs Slug



Right In: 109.584 $\pm$ 0.037 χ^2 /NDF: 245831.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 106.632 $\pm$ 0.033 χ^2 /NDF: 314394.9/13

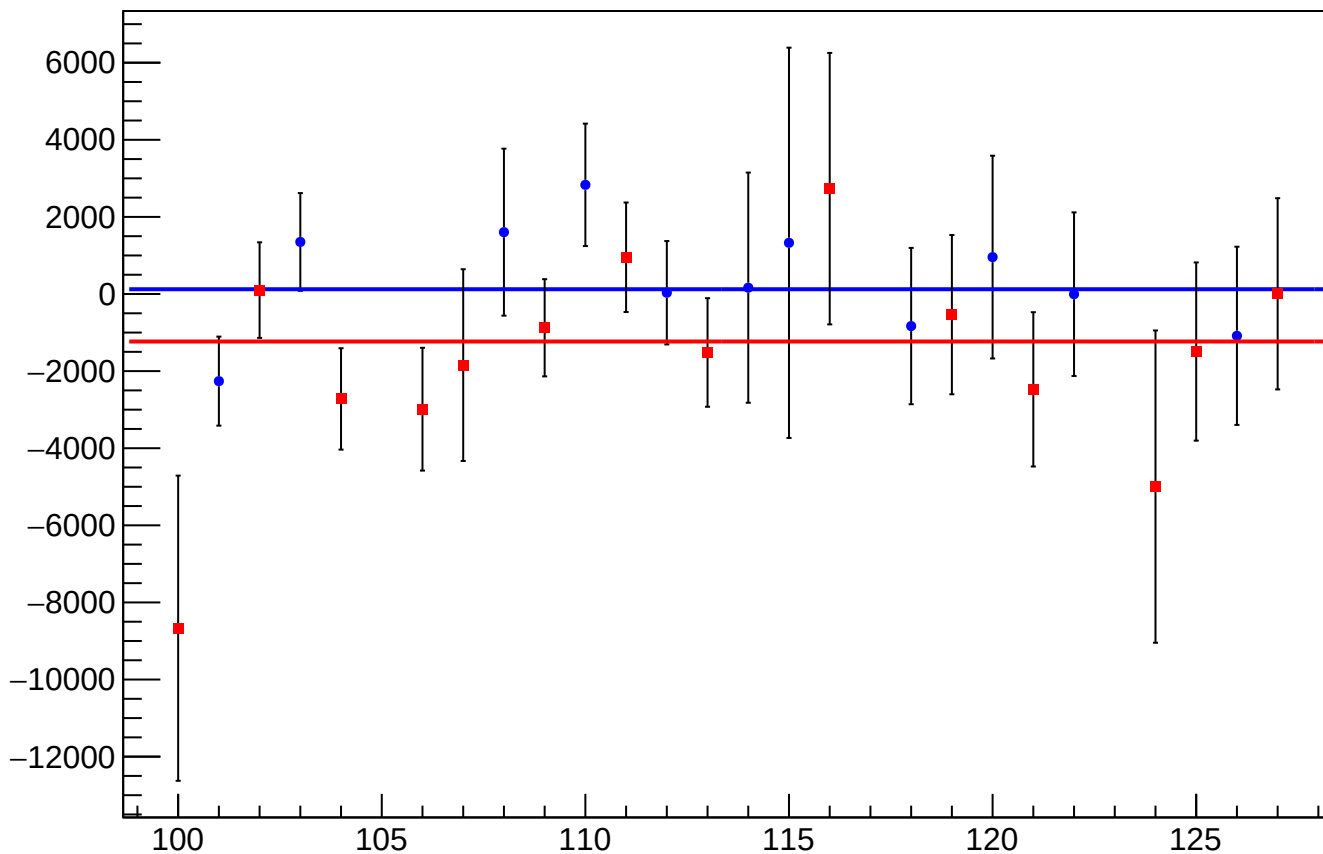
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 107.927 $\pm$ 0.025 χ^2 /NDF: 563767.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_cor_correction_mean vs Slug



Right In: 123.964+/-535.522 χ^2/NDF : 9.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1231.706+/-473.831 χ^2/NDF : 12.6/13

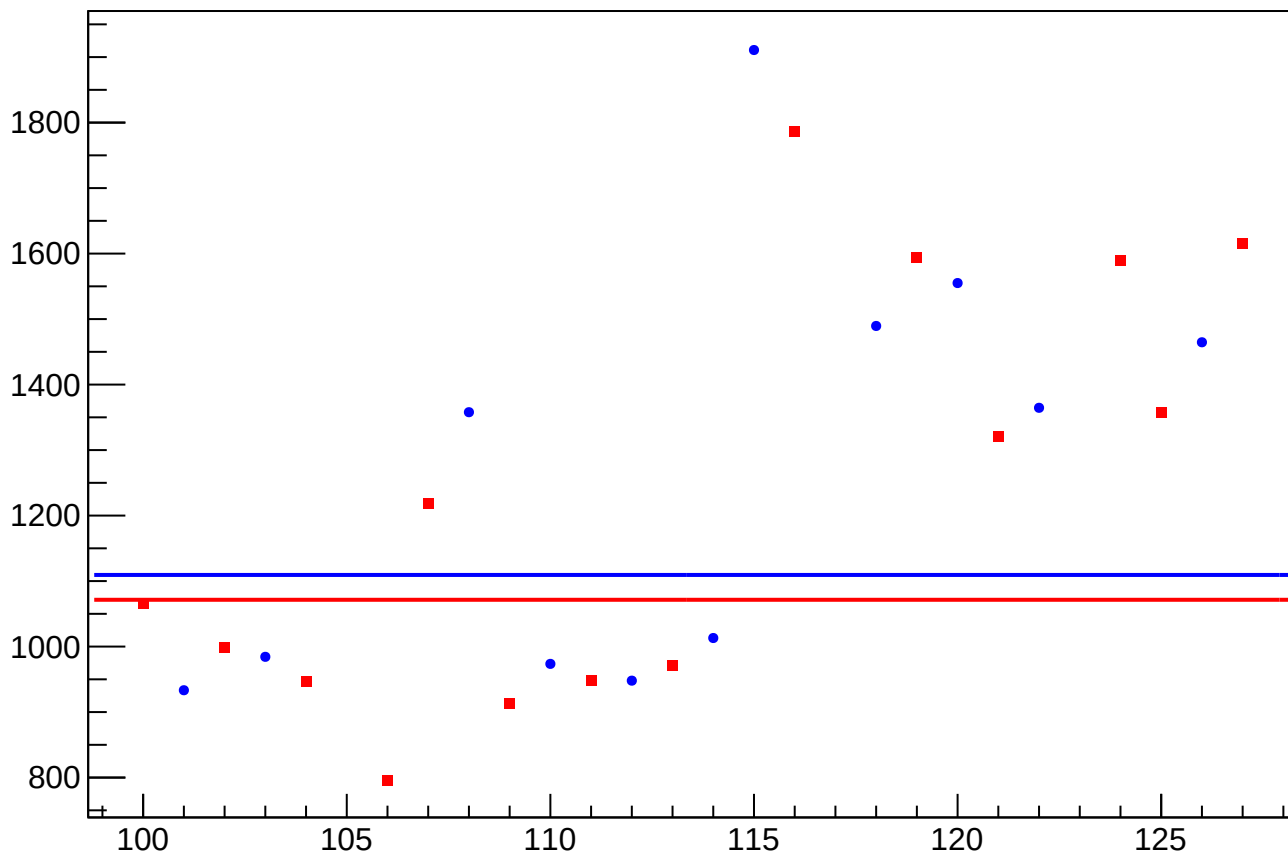
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -636.419+/-354.865 χ^2/NDF : 25.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_cor_correction_rms vs Slug



Right In: 1109.367+/-0.379 χ^2/NDF : 391968.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1071.441+/-0.335 χ^2/NDF : 549456.1/13

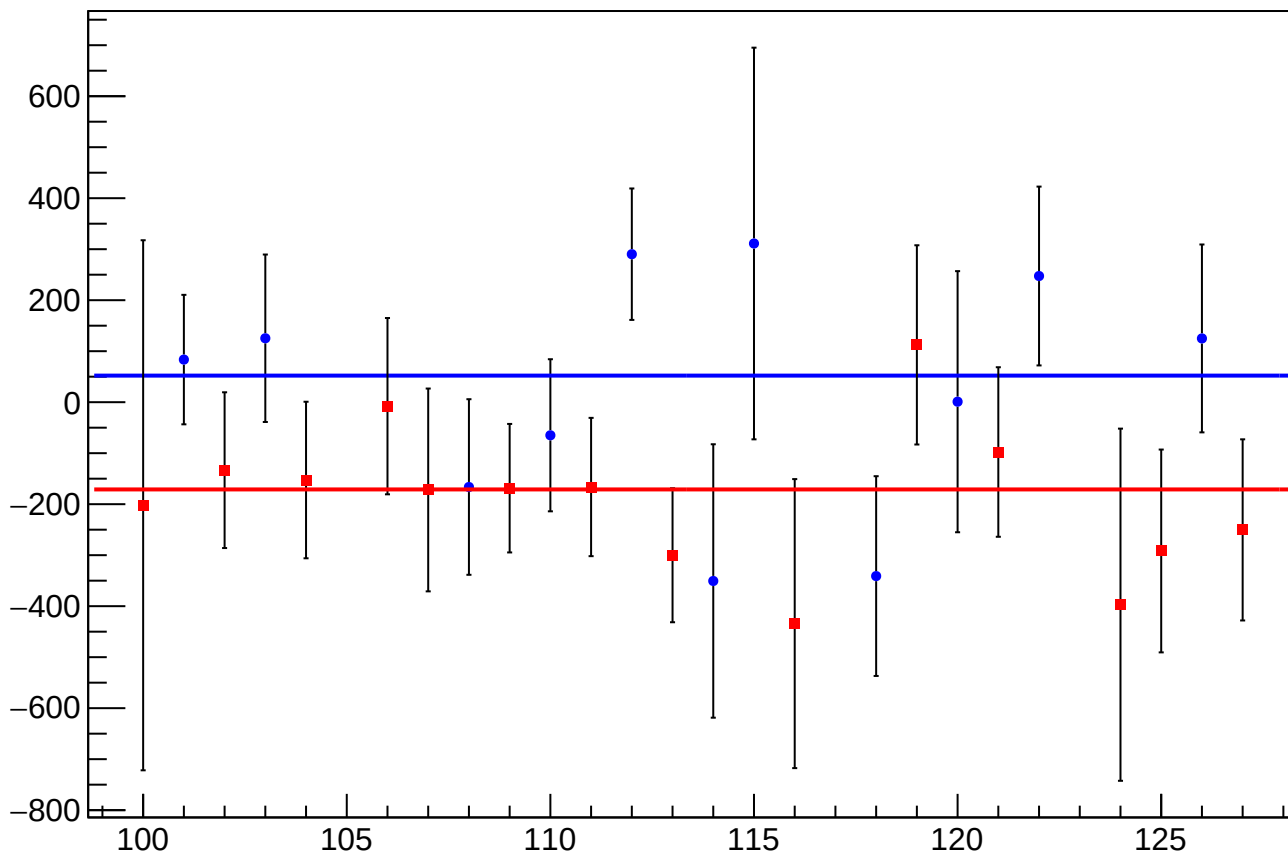
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1088.095+/-0.251 χ^2/NDF : 947050.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_48_dd_mean vs Slug



Right In: 52.117+/-52.552 χ^2/NDF : 14.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -171.073+/-46.456 χ^2/NDF : 6.1/13

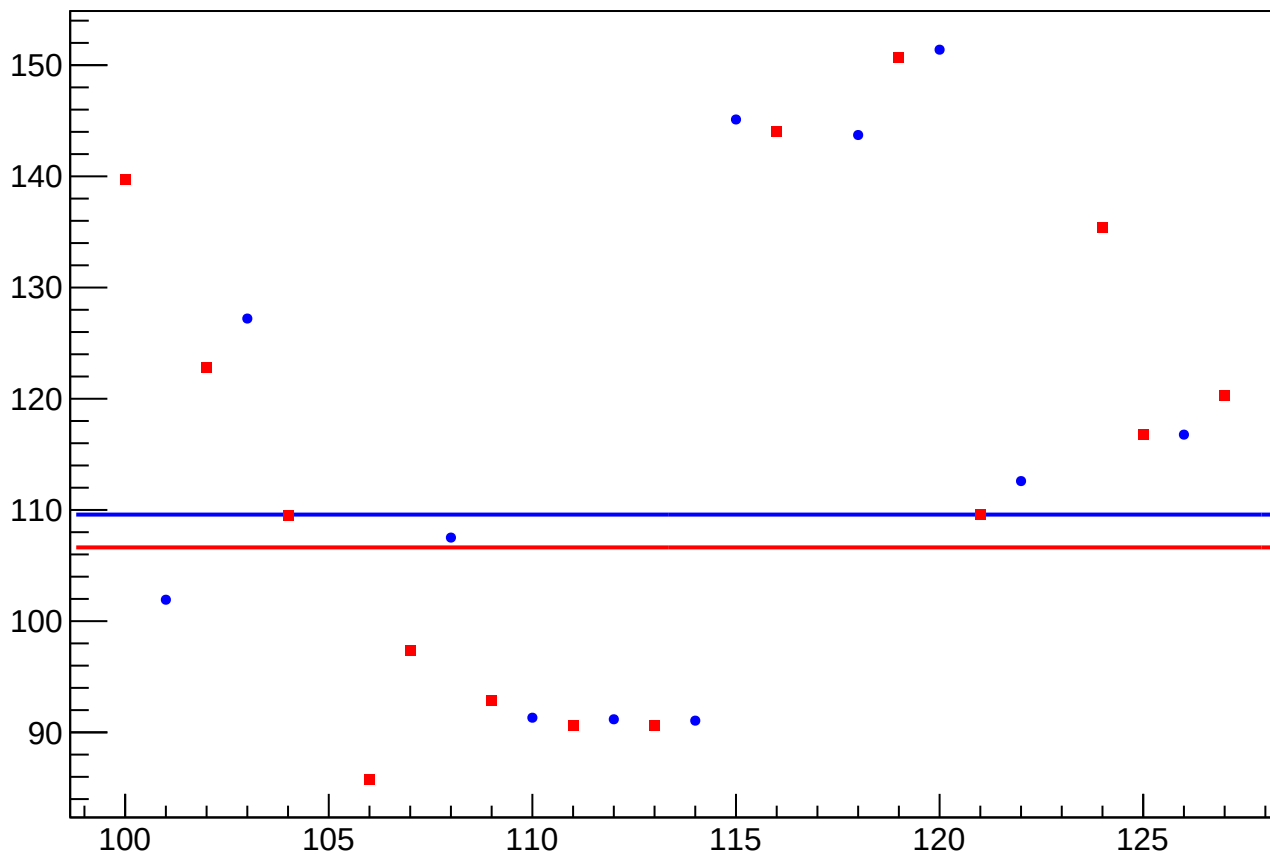
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -73.167+/-34.806 χ^2/NDF : 30.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_48_dd_rms vs Slug



Right In: 109.584 $\pm$ 0.037 χ^2 /NDF: 245831.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 106.632 $\pm$ 0.033 χ^2 /NDF: 314394.9/13

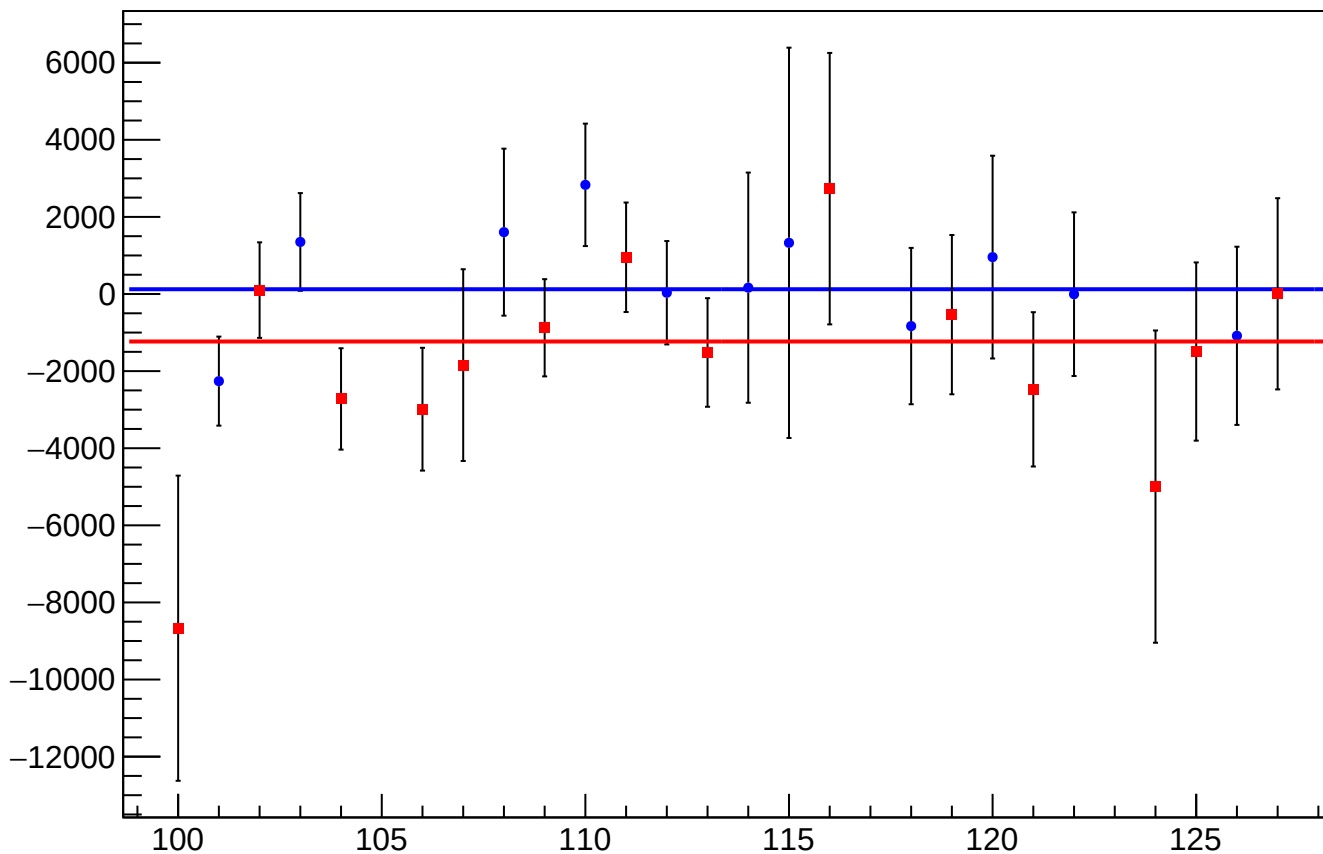
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 107.927 $\pm$ 0.025 χ^2 /NDF: 563767.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_eigen_cor_correction_mean vs Slug



Right In: 123.964+/-535.522 χ^2/NDF : 9.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1231.706+/-473.831 χ^2/NDF : 12.6/13

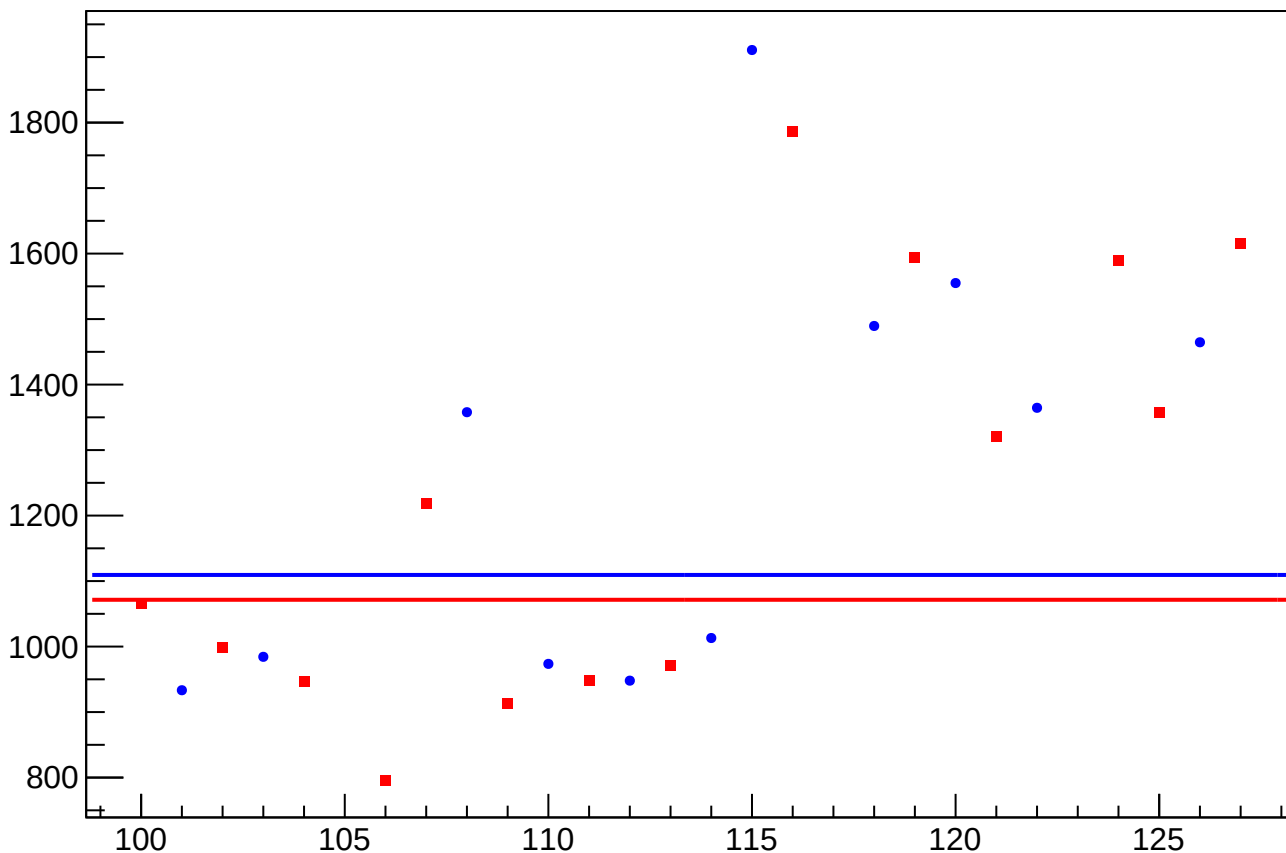
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -636.419+/-354.865 χ^2/NDF : 25.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_eigen_cor_correction_rms vs Slug



Right In: 1109.367+/-0.379 χ^2/NDF : 391968.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

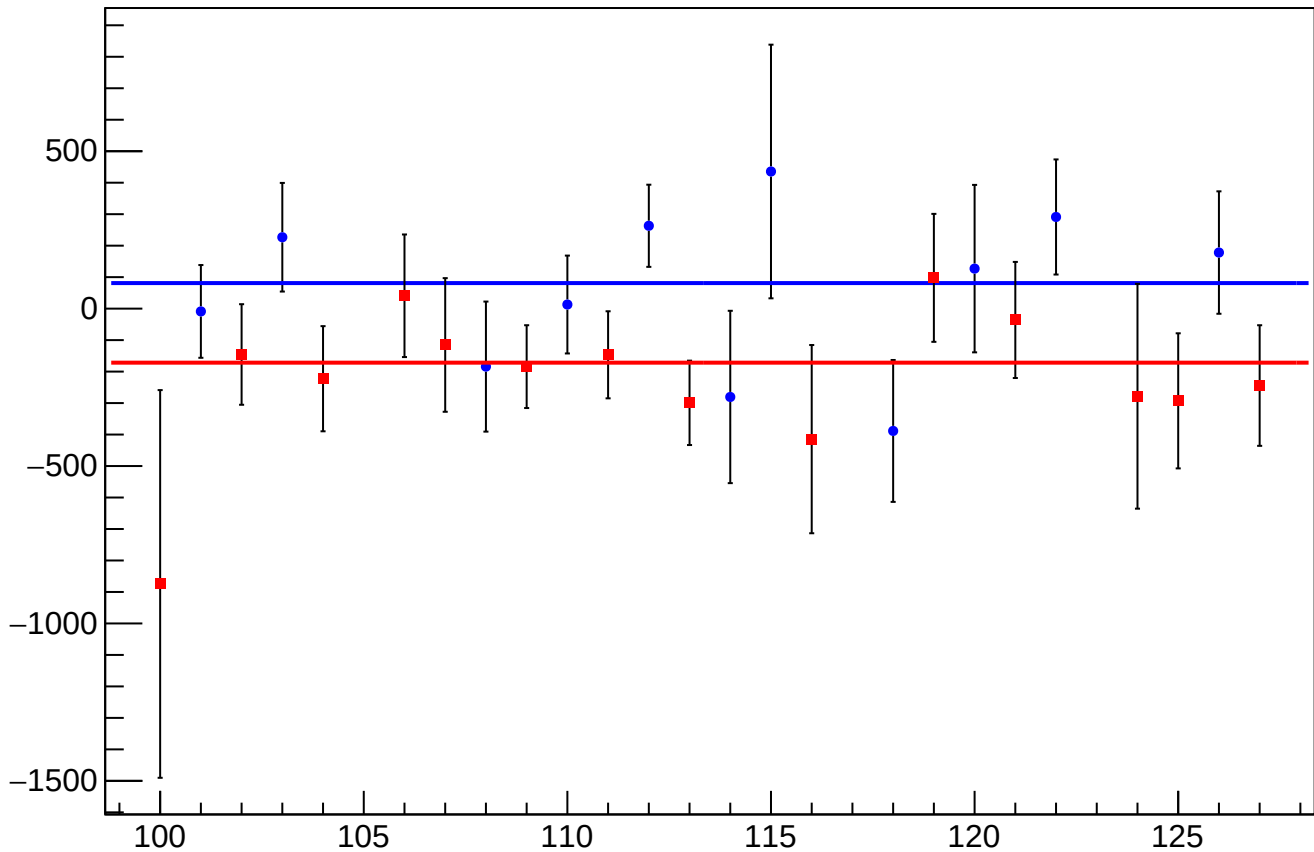
Right Out: 1071.441+/-0.335 χ^2/NDF : 549456.1/13

All: 1088.095+/-0.251 χ^2/NDF : 947050.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_dd_mean vs Slug



Right In: 81.144+/-56.528 χ^2/NDF : 13.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -171.642+/-49.165 χ^2/NDF : 7.1/13

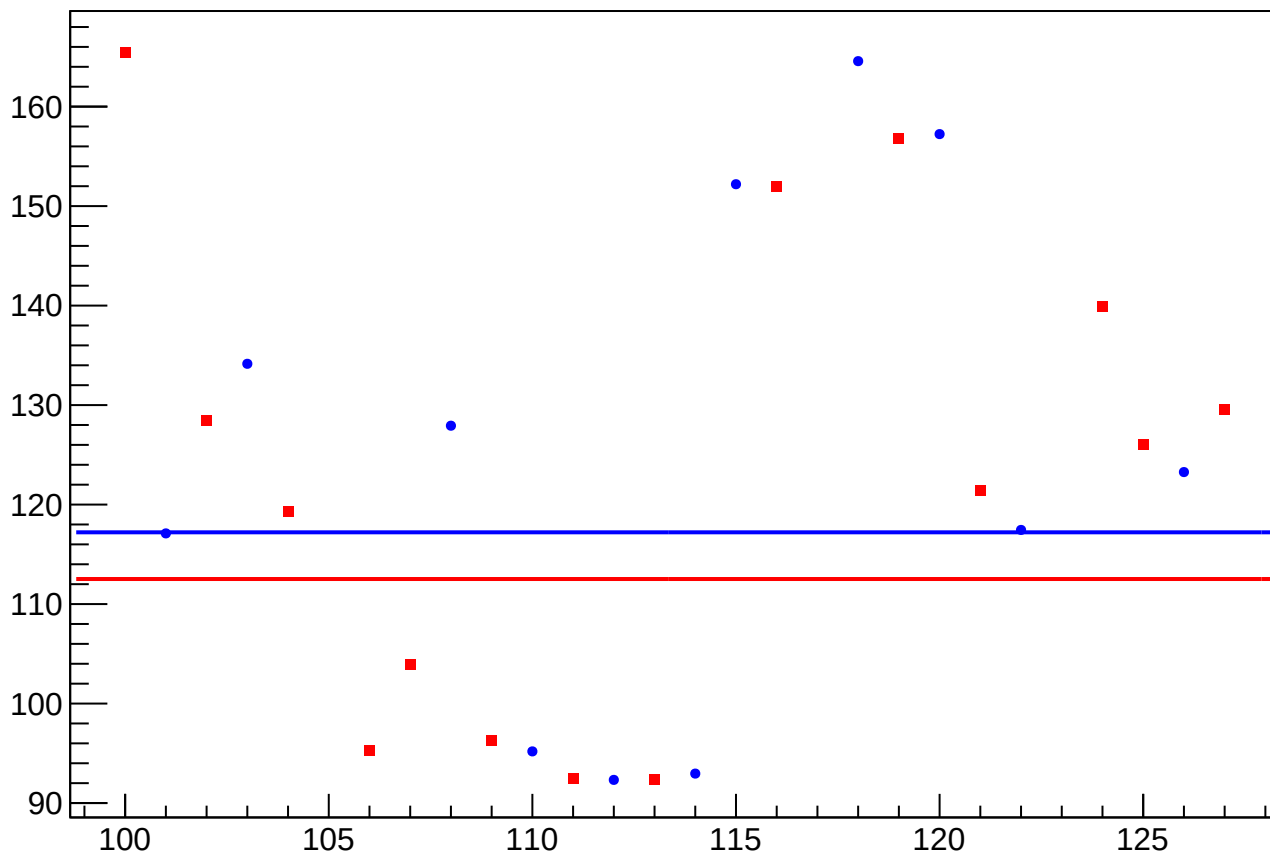
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -62.774+/-37.097 χ^2/NDF : 31.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_dd_rms vs Slug



Right In: 117.212 $\pm$ 0.040 χ^2 /NDF: 303856.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 112.519 $\pm$ 0.035 χ^2 /NDF: 344688.2/13

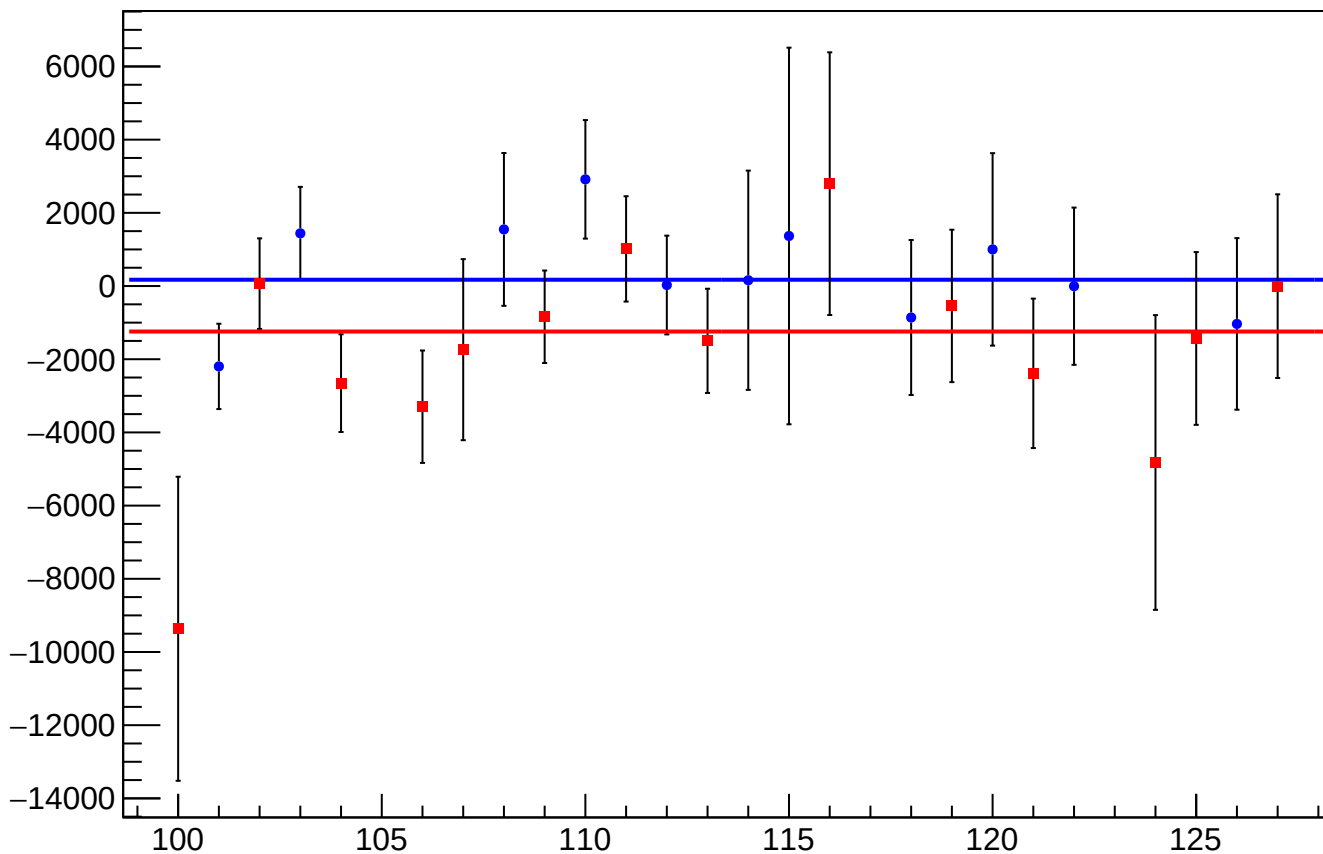
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 114.540 $\pm$ 0.026 χ^2 /NDF: 656393.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_dit_correction_mean vs Slug



Right In: 172.202+/-539.873 χ^2/NDF : 9.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1243.198+/-476.162 χ^2/NDF : 13.2/13

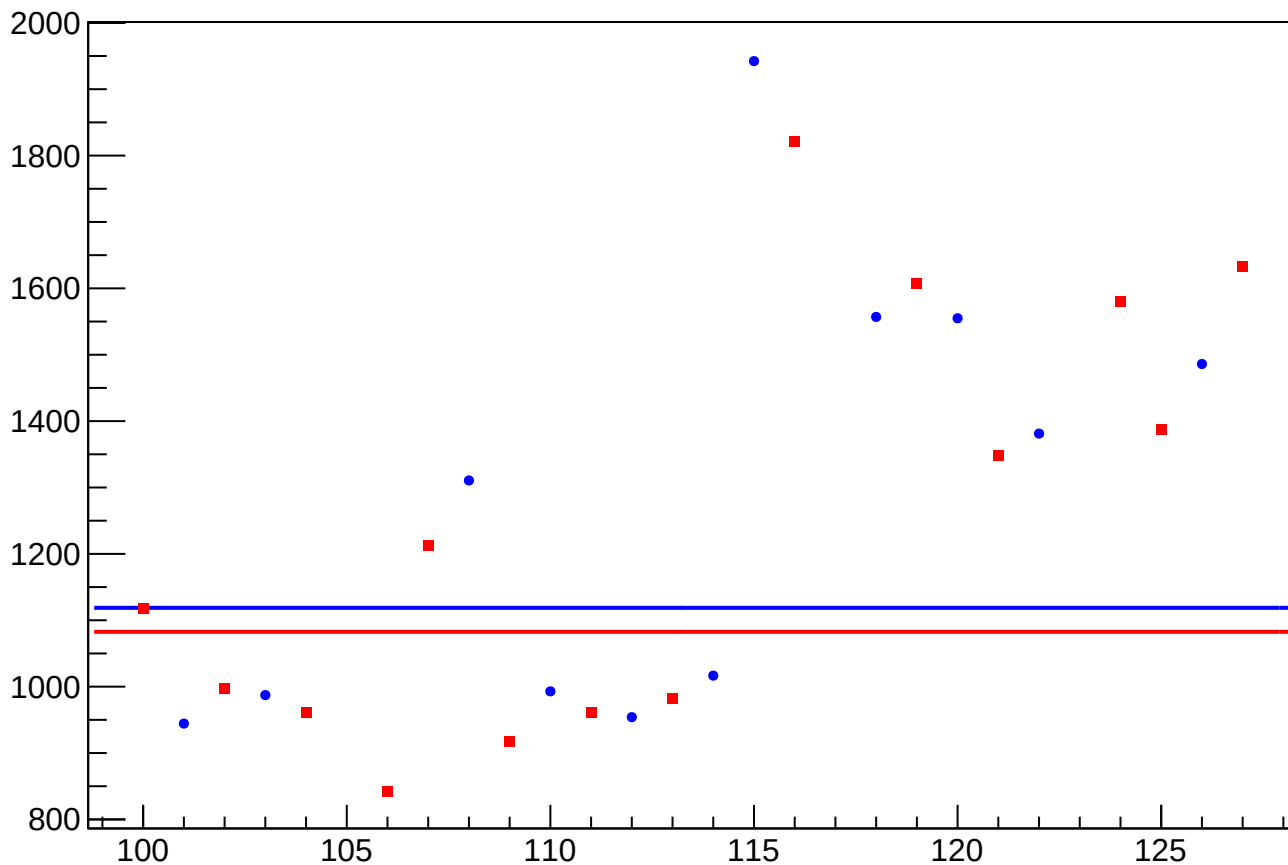
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -623.904+/-357.109 χ^2/NDF : 26.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_dit_correction_rms vs Slug



Right In: 1118.743+/-0.382 χ^2/NDF : 398085.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

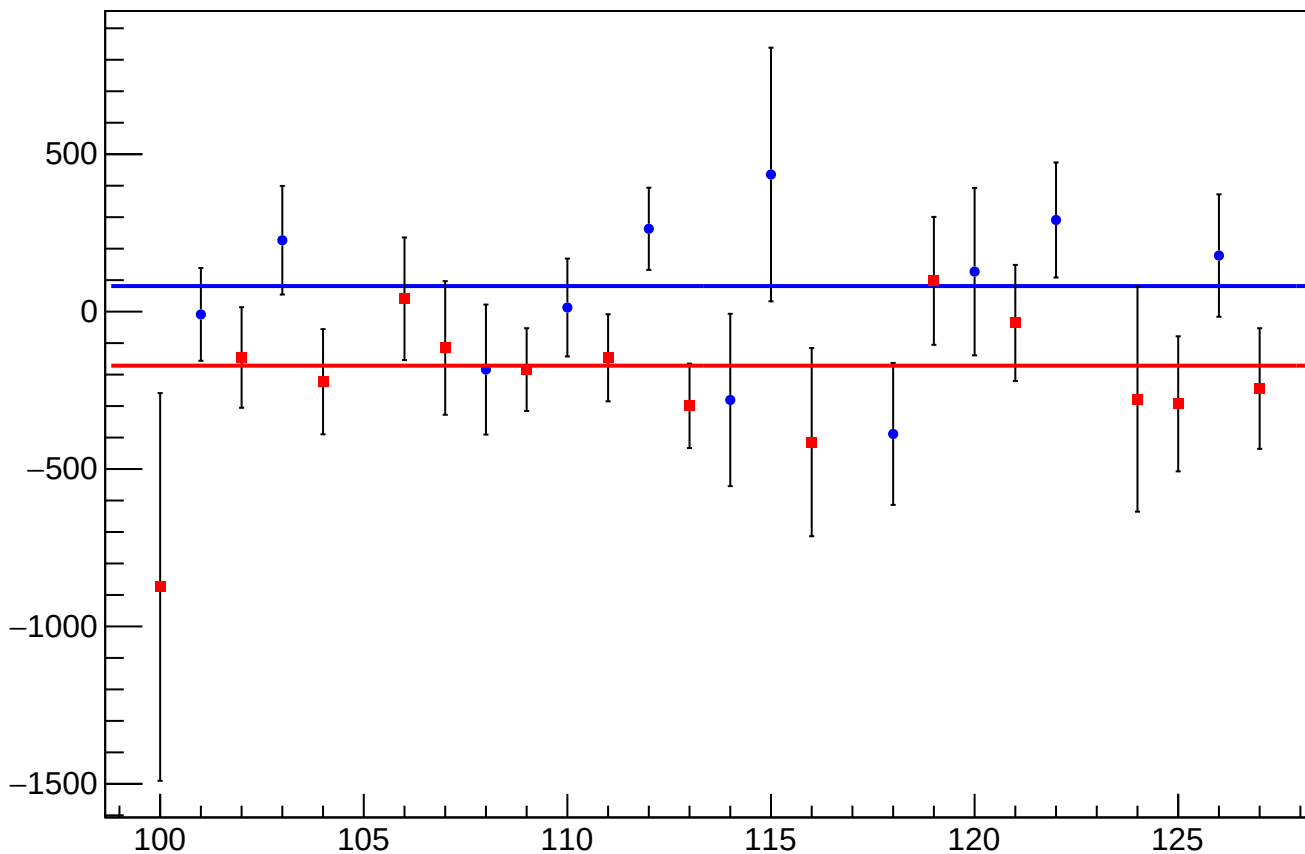
Right Out: 1082.616+/-0.337 χ^2/NDF : 544603.5/13

All: 1098.423+/-0.253 χ^2/NDF : 947726.4/24

- 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_sam_48_dd_mean vs Slug



Right In: 81.144 $\pm$ 56.528 χ^2 /NDF: 13.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -171.642 $\pm$ 49.165 χ^2 /NDF: 7.1/13

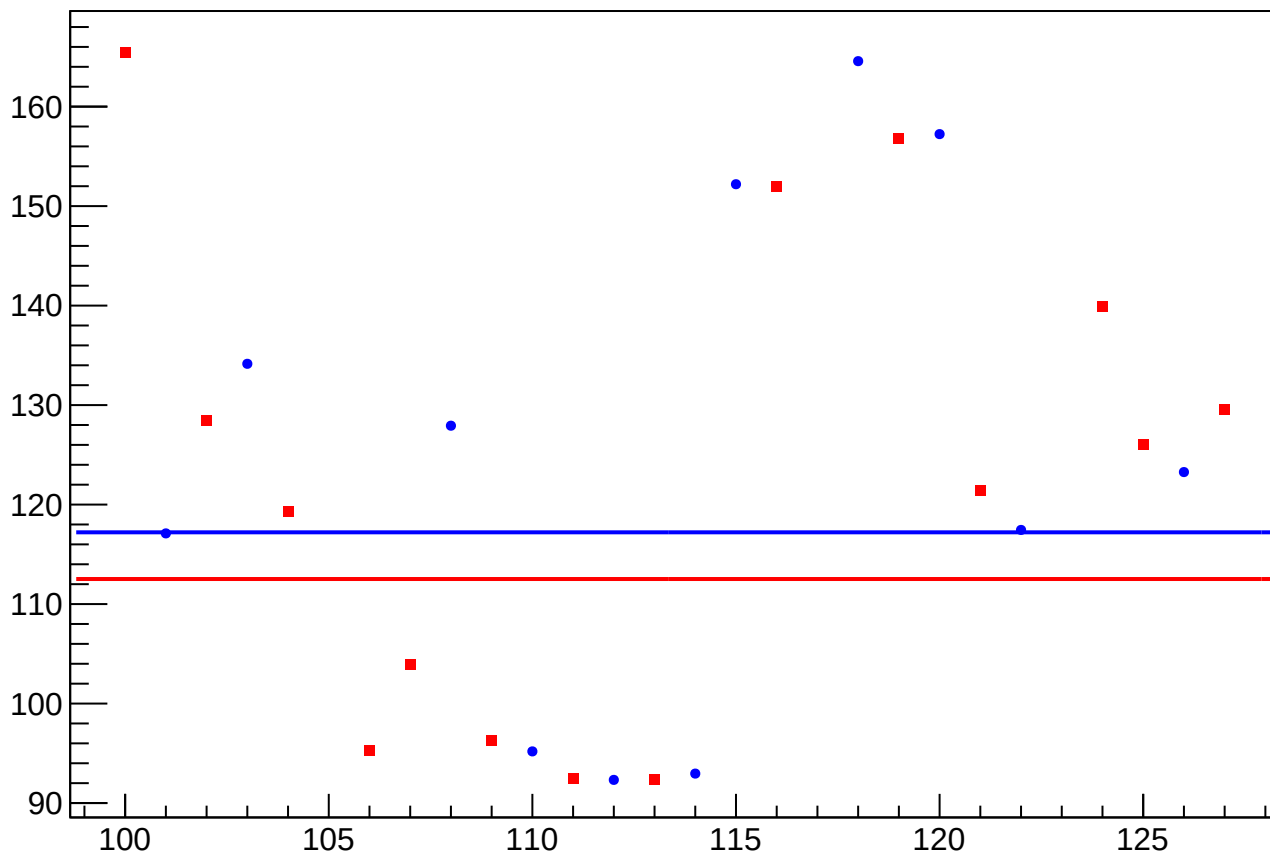
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -62.775 $\pm$ 37.097 χ^2 /NDF: 31.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_48_dd_rms vs Slug



Right In: 117.212 $\pm$ 0.040 χ^2 /NDF: 303860.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 112.519 $\pm$ 0.035 χ^2 /NDF: 344688.7/13

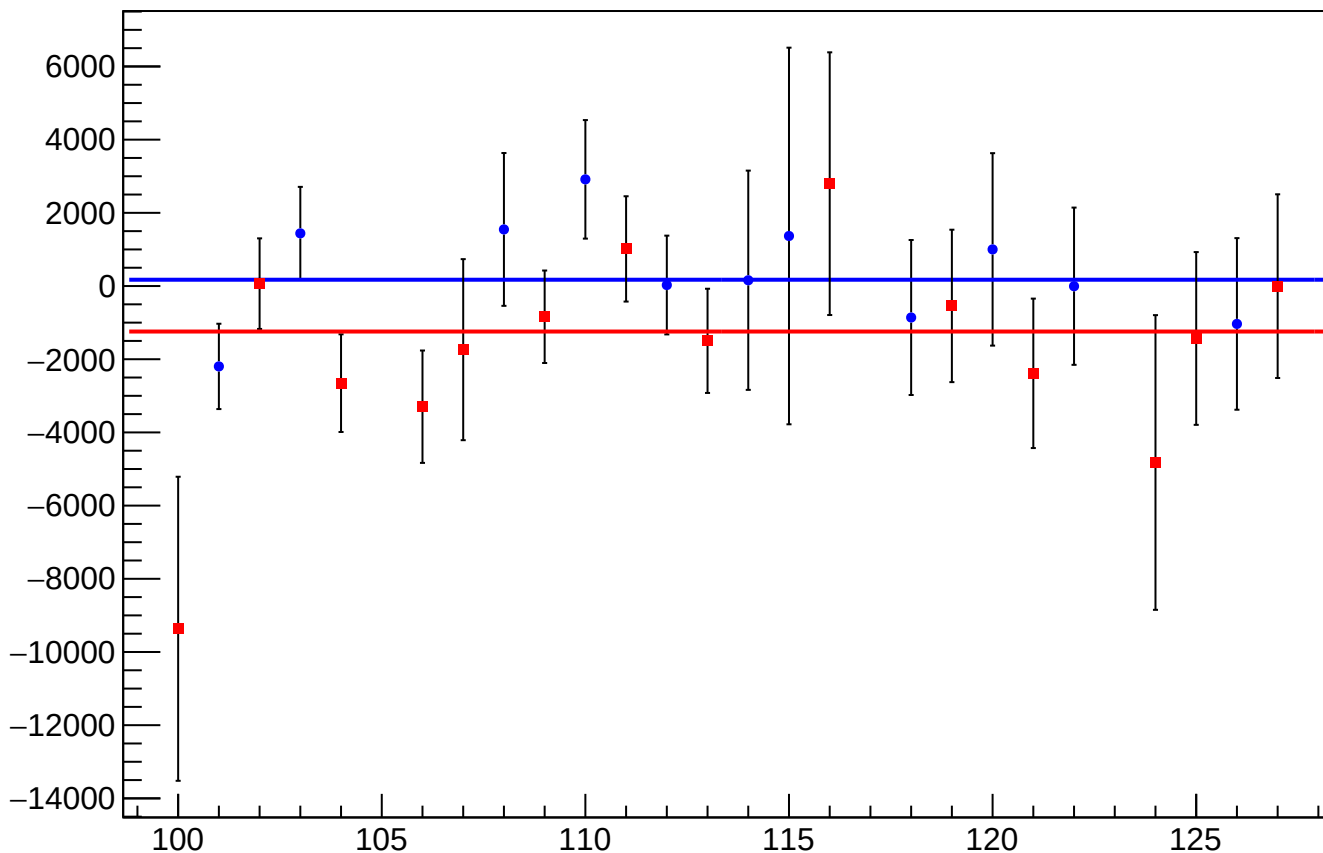
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 114.540 $\pm$ 0.026 χ^2 /NDF: 656398.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_eigen_dit_correction_mean vs Slug



Right In: 172.203+/-539.873 χ^2/NDF : 9.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1243.198+/-476.162 χ^2/NDF : 13.2/13

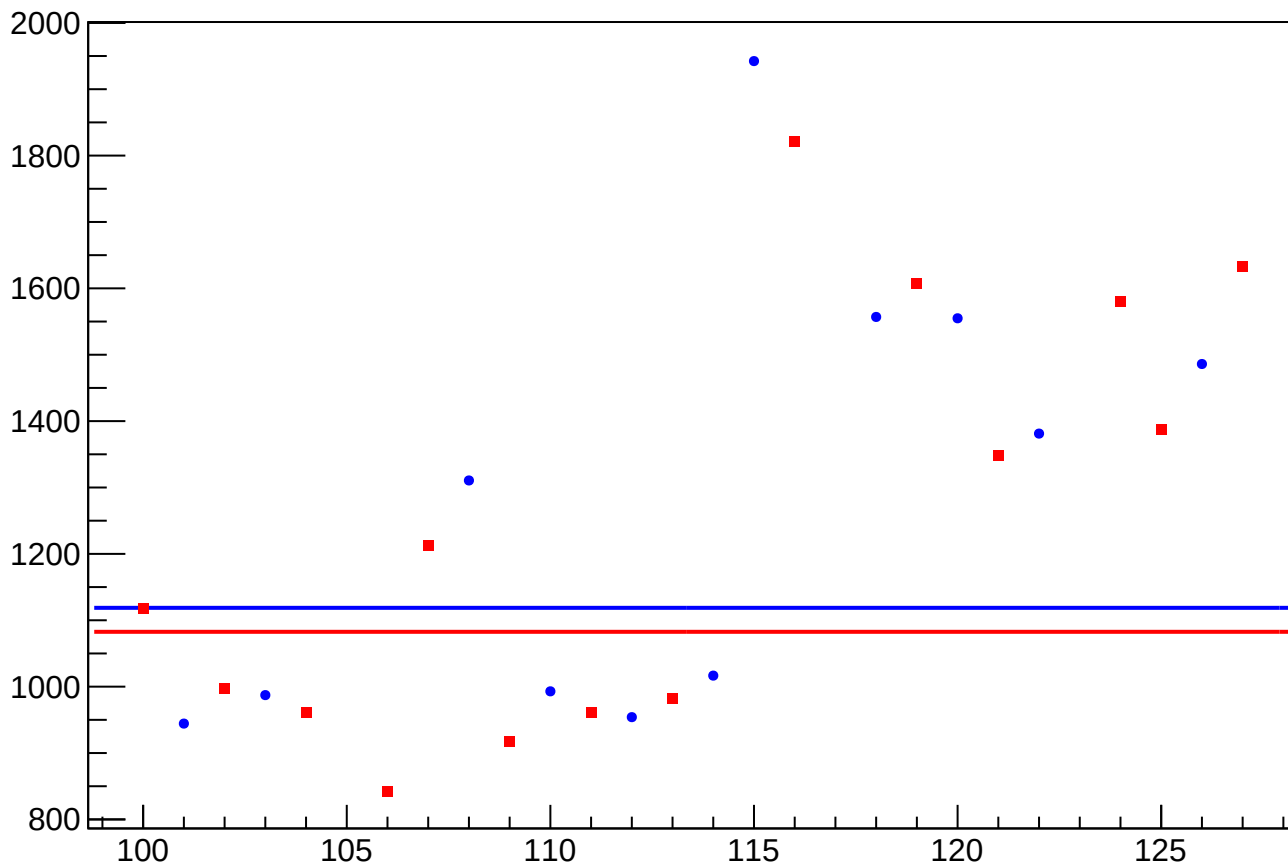
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -623.903+/-357.109 χ^2/NDF : 26.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_eigen_dit_correction_rms vs Slug



Right In: 1118.743+/-0.382 χ^2/NDF : 398085.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

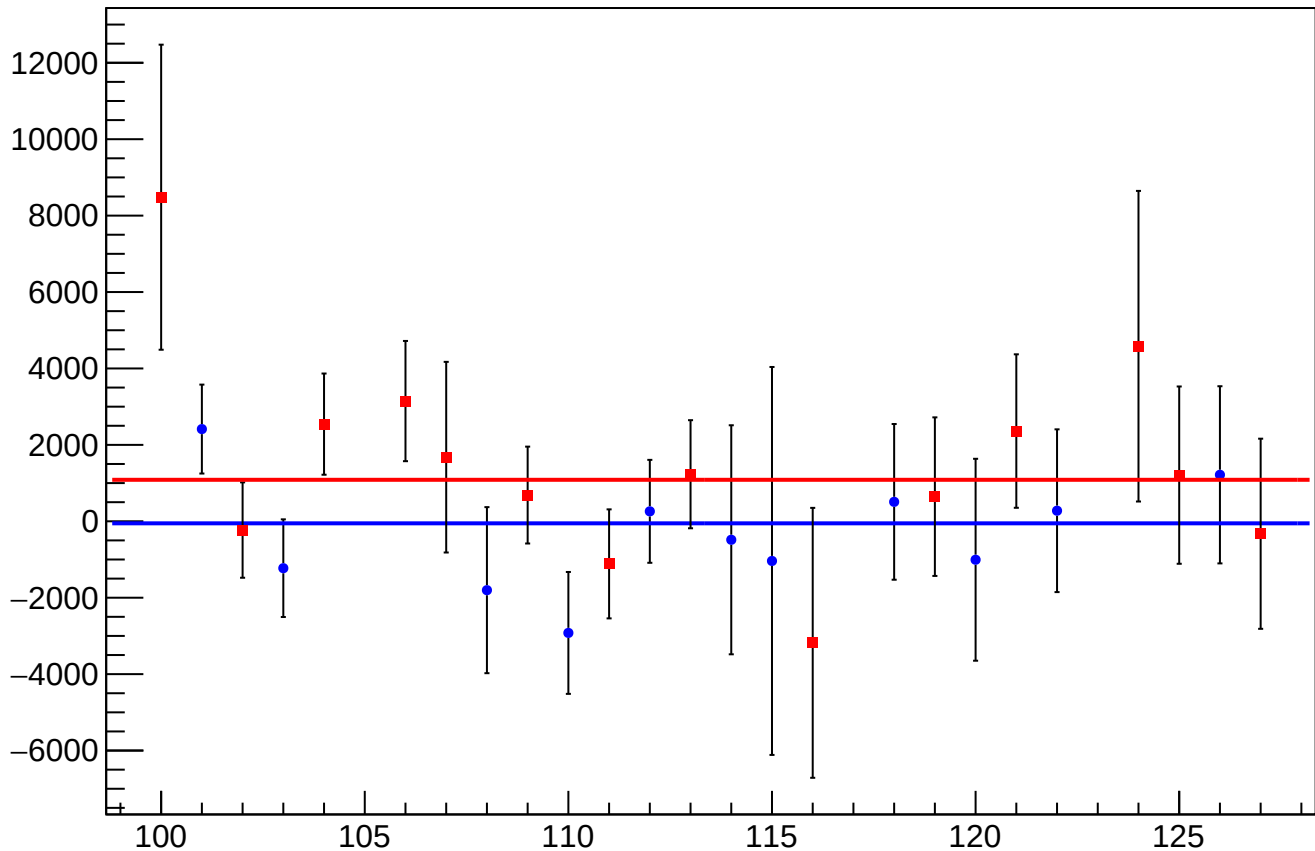
Right Out: 1082.616+/-0.337 χ^2/NDF : 544604.0/13

All: 1098.423+/-0.253 χ^2/NDF : 947726.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_mean vs Slug



Right In: -53.218+/-538.570 χ^2/NDF : 9.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1085.988+/-475.598 χ^2/NDF : 13.0/13

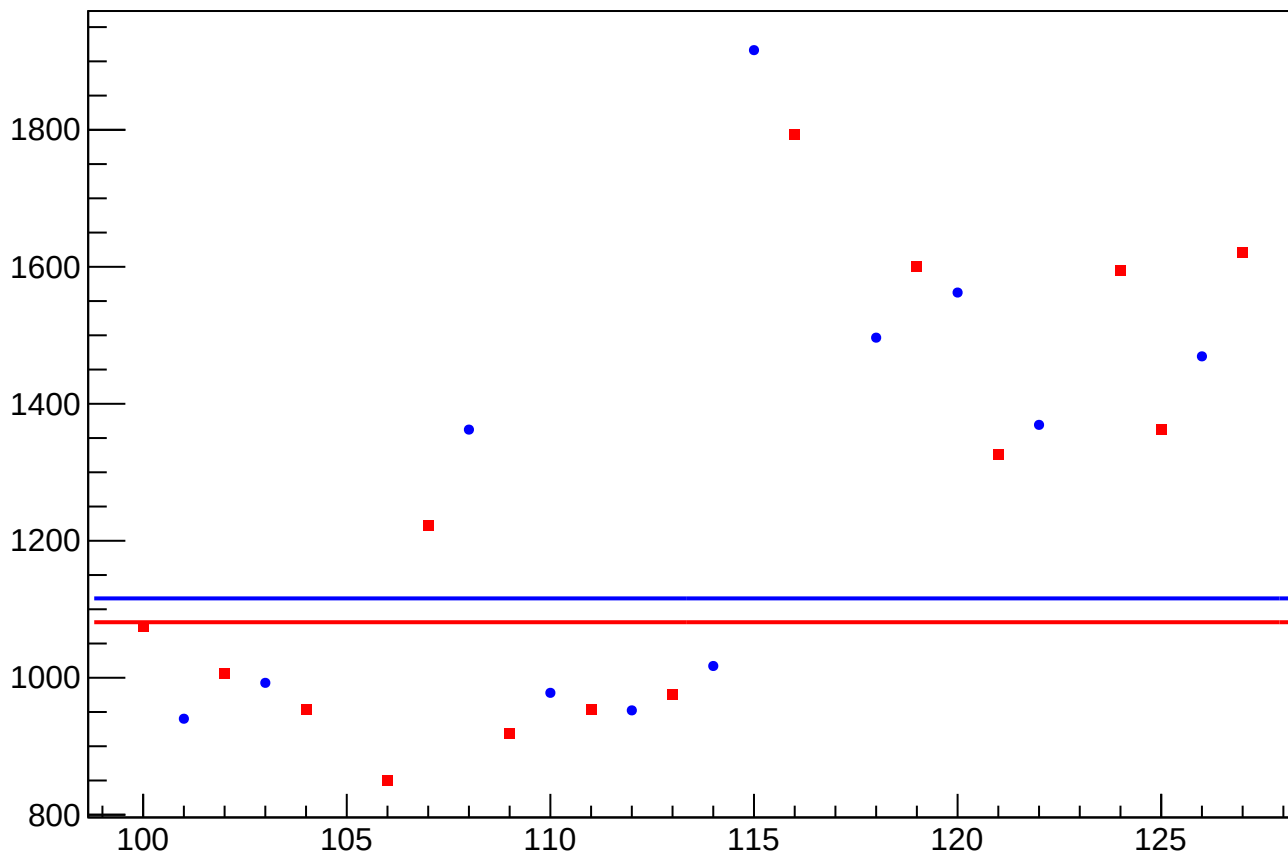
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 586.850+/-356.494 χ^2/NDF : 25.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_rms vs Slug



Right In: 1115.876+/-0.381 χ^2/NDF : 387963.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1081.089+/-0.336 χ^2/NDF : 527495.8/13

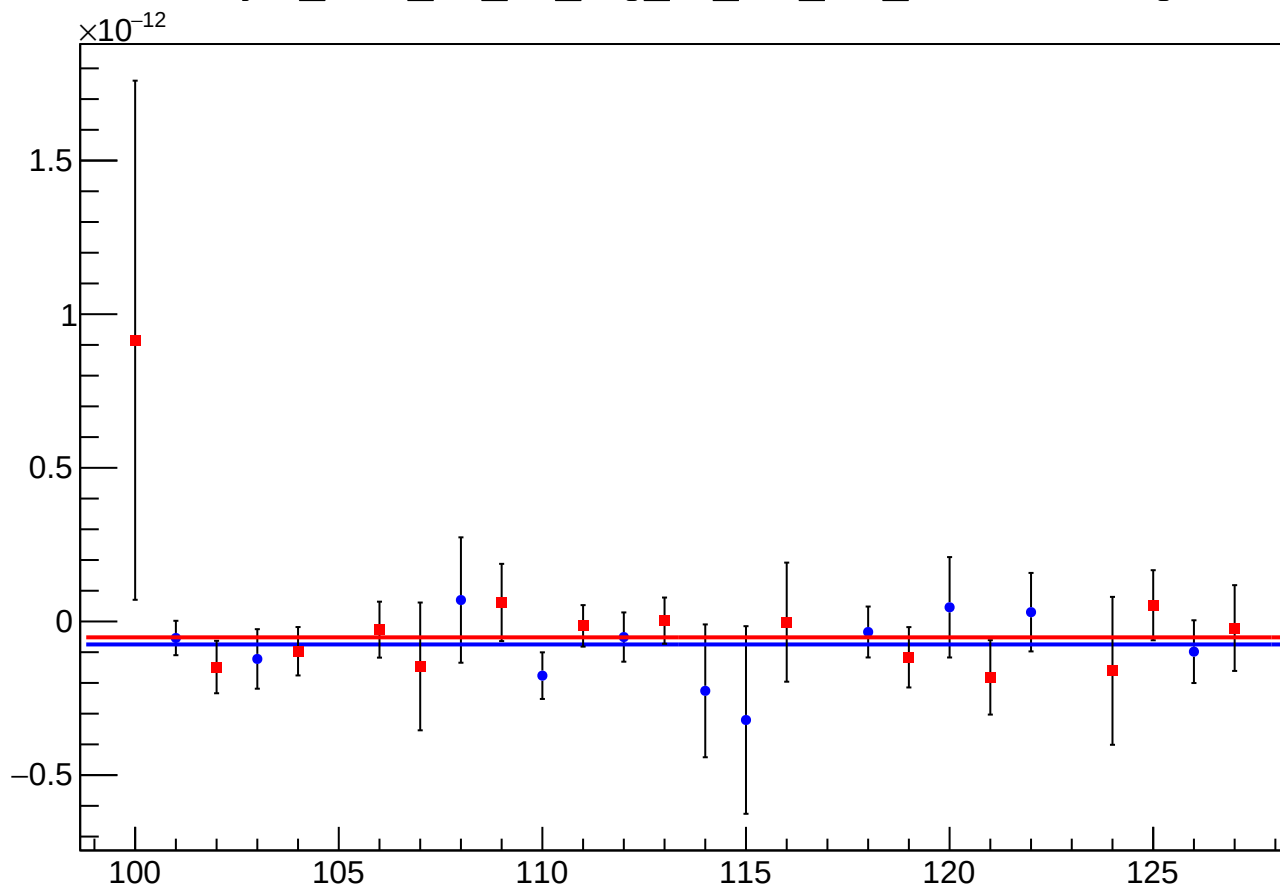
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1096.331+/-0.252 χ^2/NDF : 920147.2/24

- sign 0.000+/-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 : 5.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 7.6/13

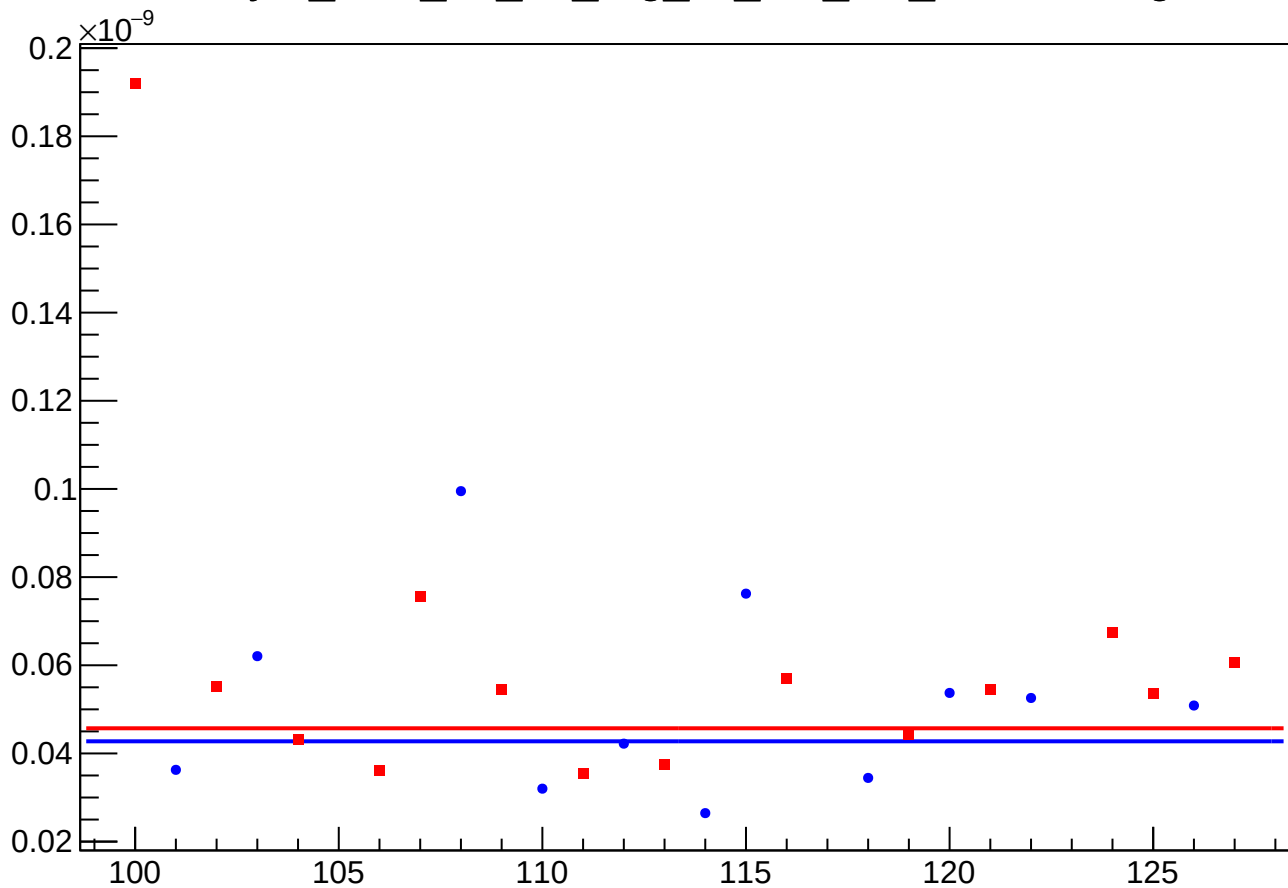
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 13.3/24

- 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 $\pm$ 0.000 χ^2 /NDF: 390262.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 296455.1/13

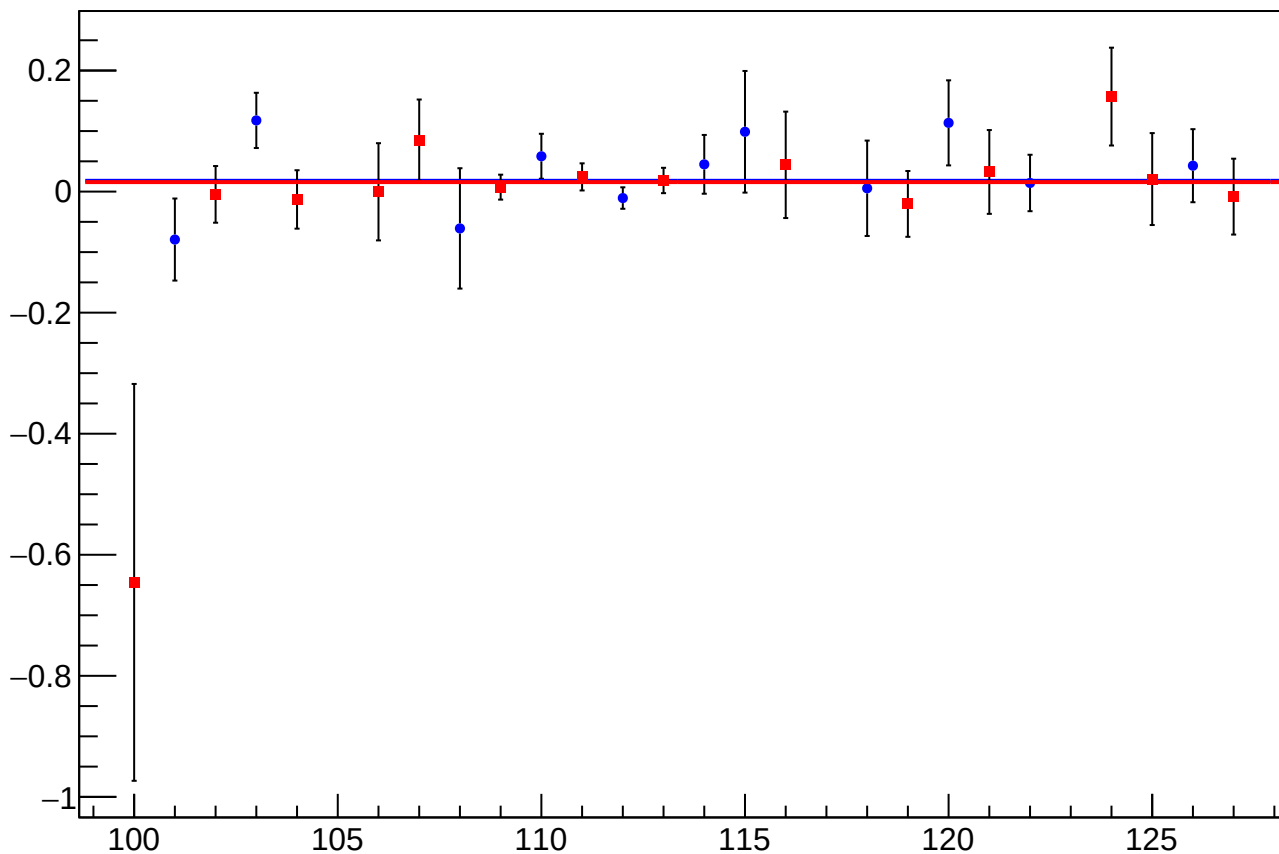
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 697168.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.018 $\pm$ 0.013 χ^2 /NDF: 14.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.016 $\pm$ 0.010 χ^2 /NDF: 9.8/13

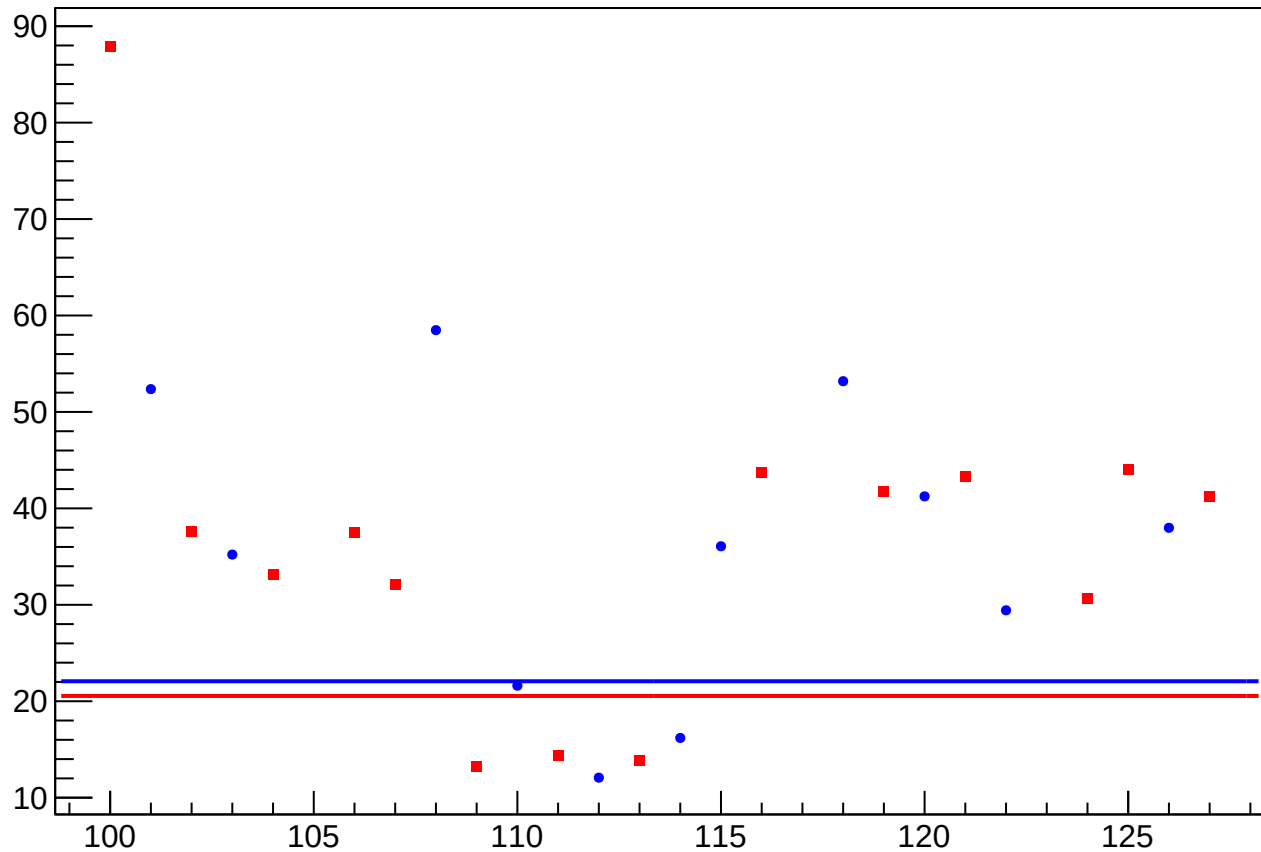
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.017 $\pm$ 0.008 χ^2 /NDF: 24.1/24

- 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: 22.071+/-0.009 χ^2/NDF : 2187387.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.549+/-0.007 χ^2/NDF : 2340636.2/13

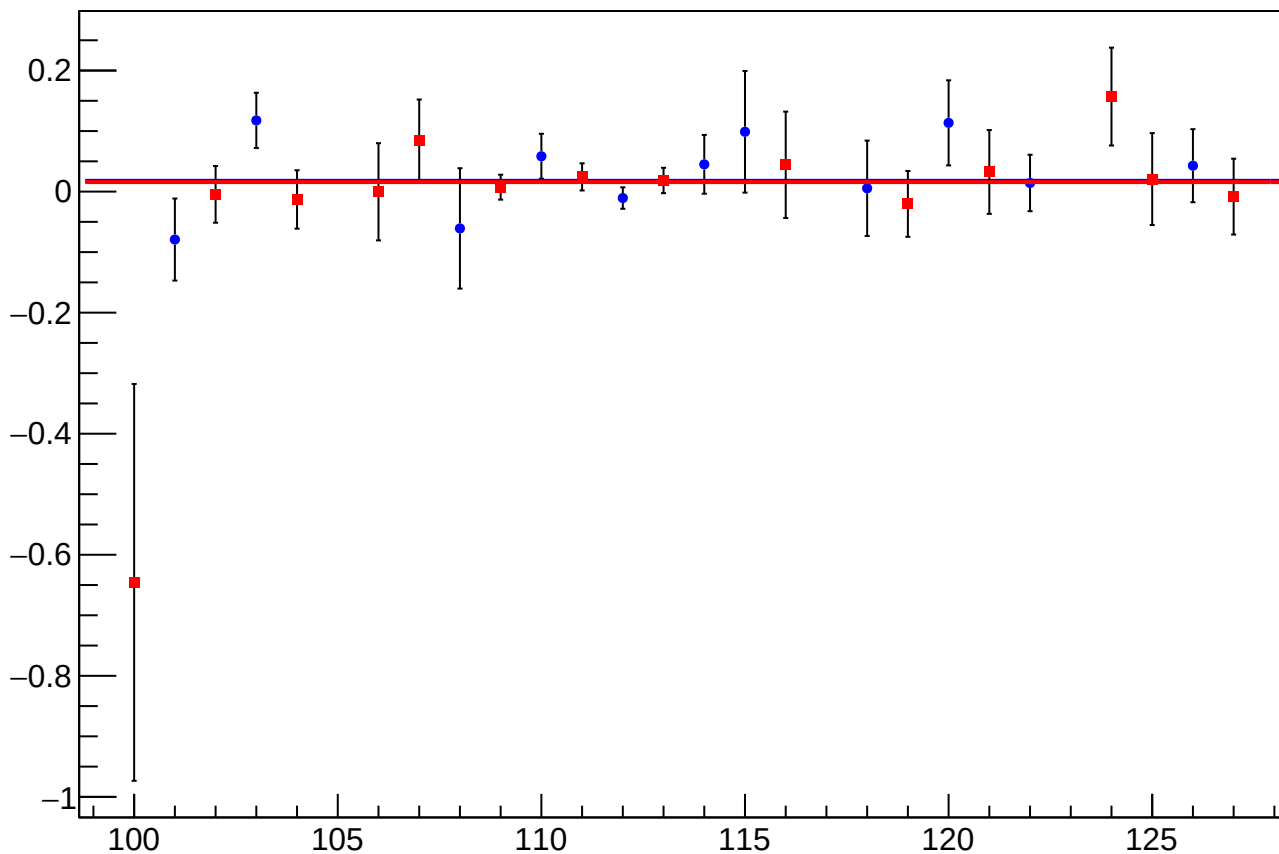
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.171+/-0.006 χ^2/NDF : 4545363.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.018 $\pm$ 0.013 χ^2 /NDF: 14.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.016 $\pm$ 0.010 χ^2 /NDF: 9.8/13

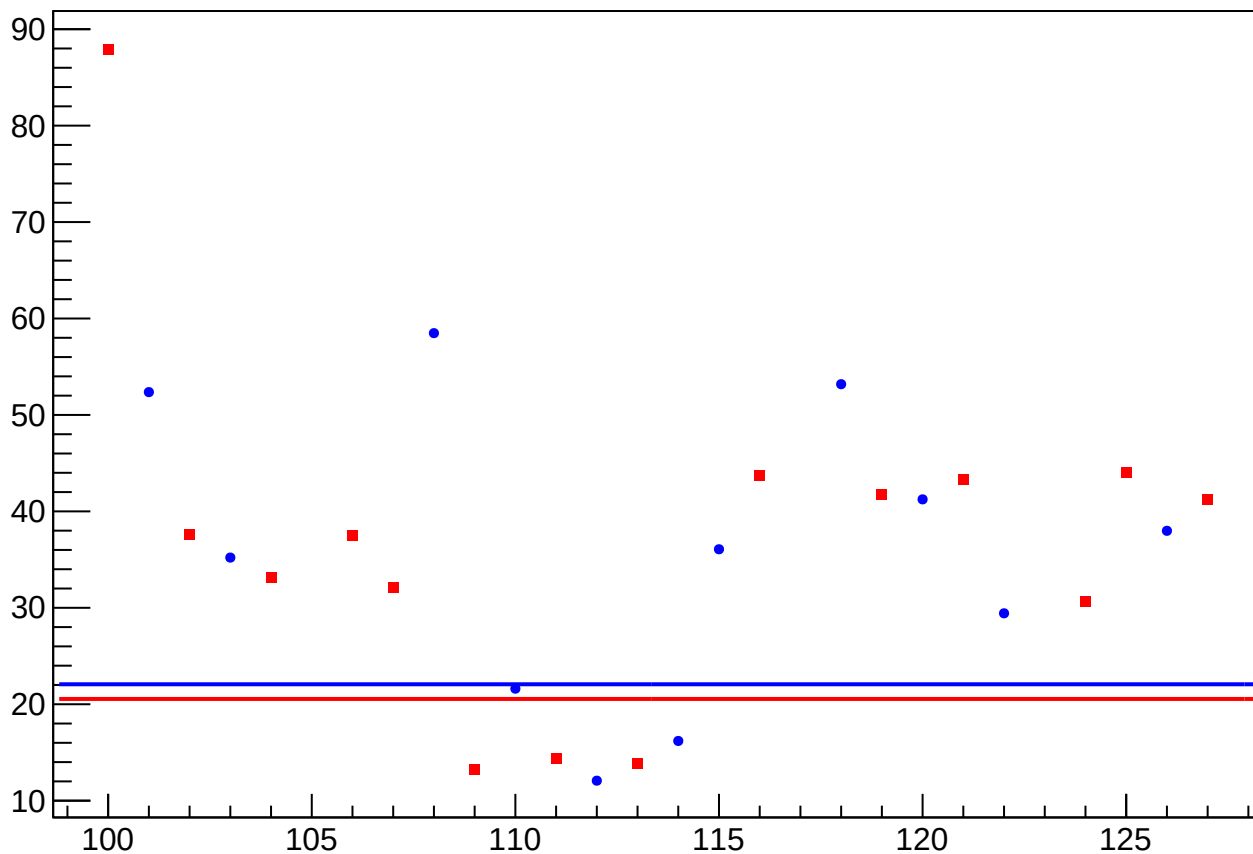
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.017 $\pm$ 0.008 χ^2 /NDF: 24.1/24

- 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: 22.071+/-0.009 χ^2/NDF : 2187387.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.549+/-0.007 χ^2/NDF : 2340636.2/13

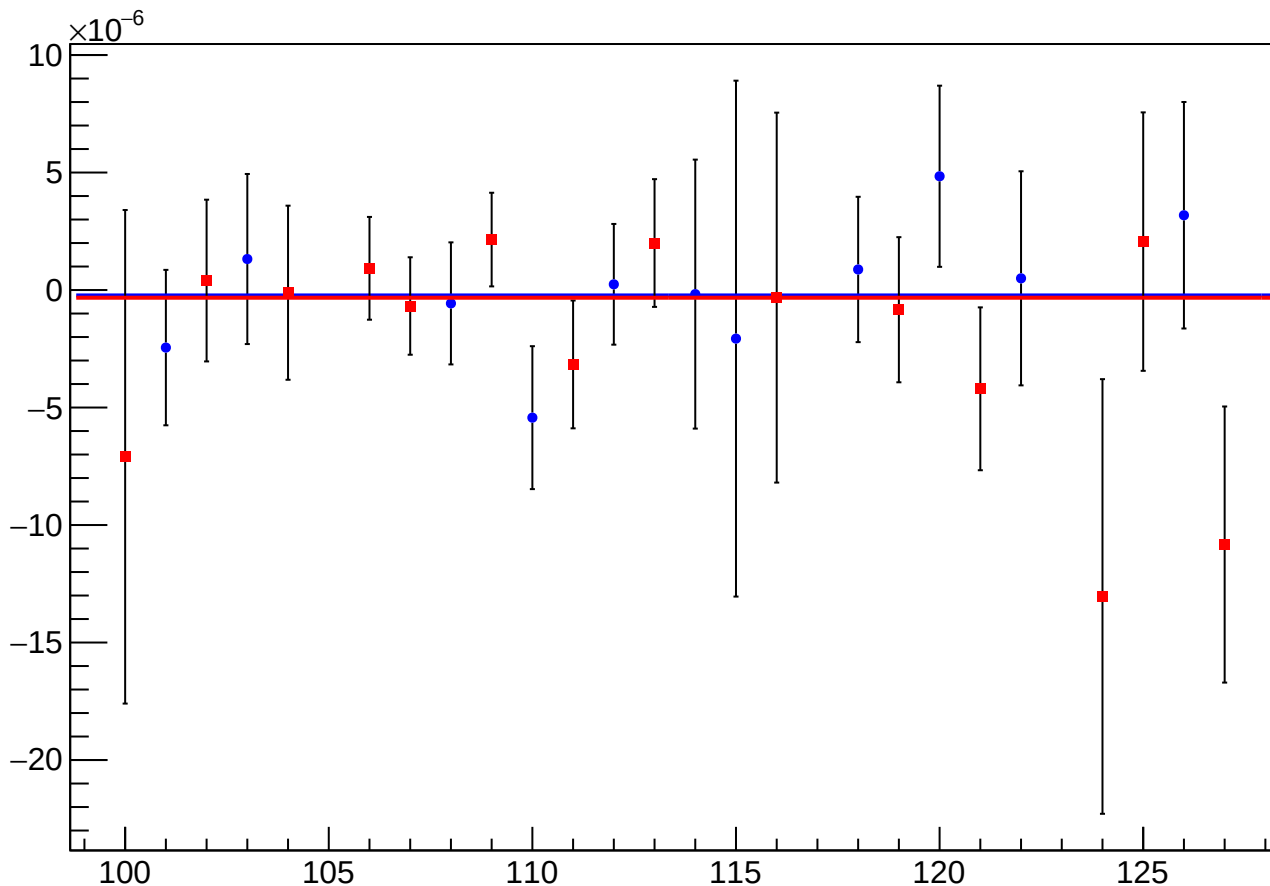
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.171+/-0.006 χ^2/NDF : 4545363.1/24

- sign 0.000+/-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: 6.0/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 10.7/13

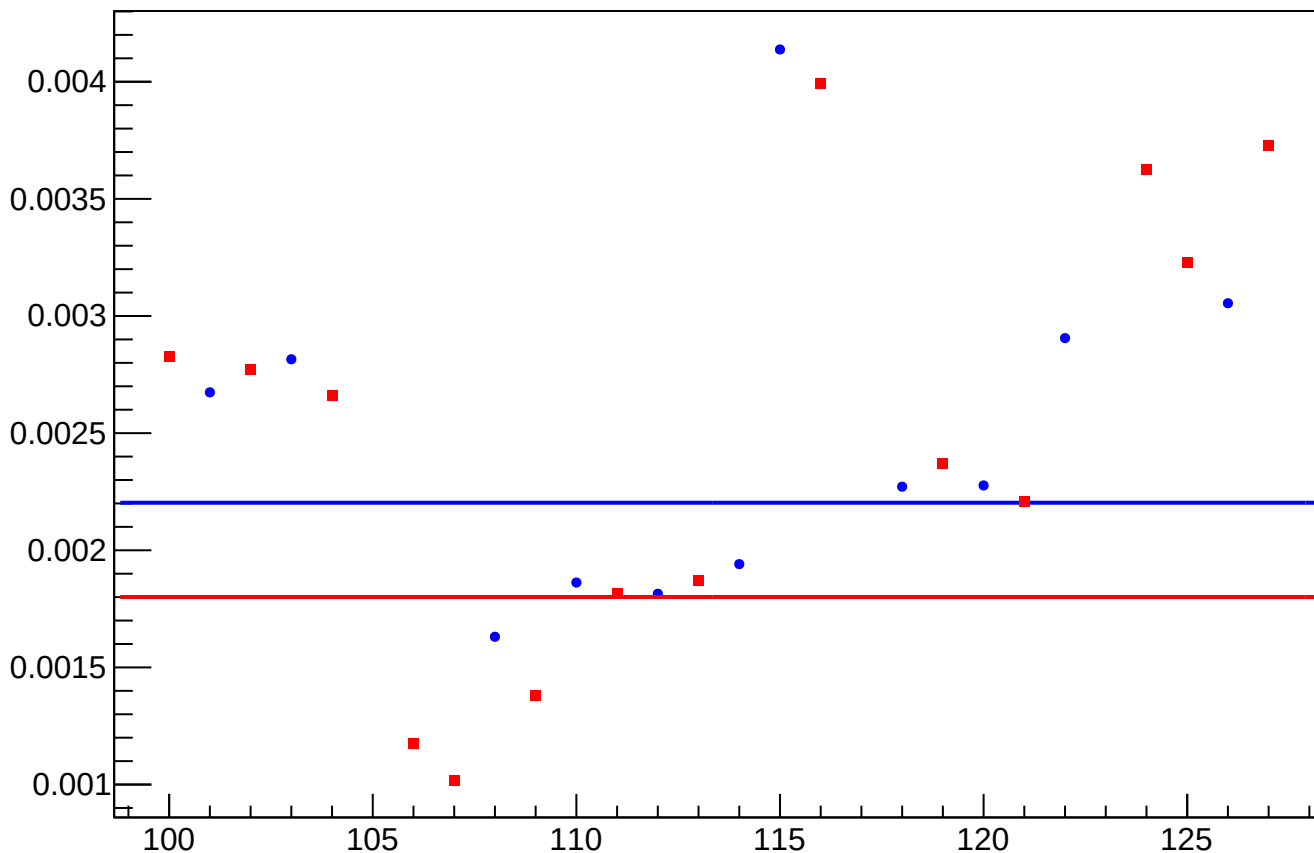
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 16.8/24

- 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 : 443922.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1505092.7/13

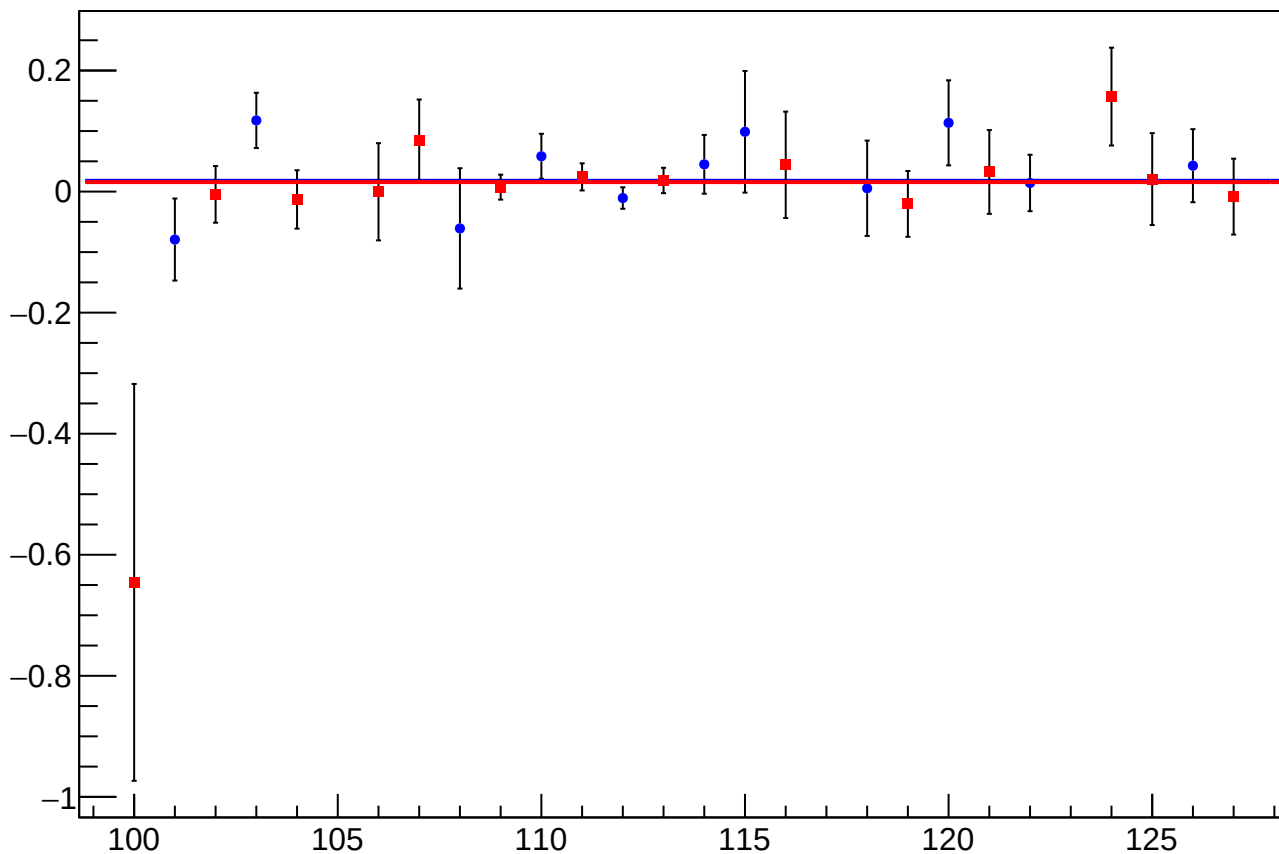
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2124094.3/24

- 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: 0.018 $\pm$ 0.013 χ^2 /NDF: 14.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.016 $\pm$ 0.010 χ^2 /NDF: 9.8/13

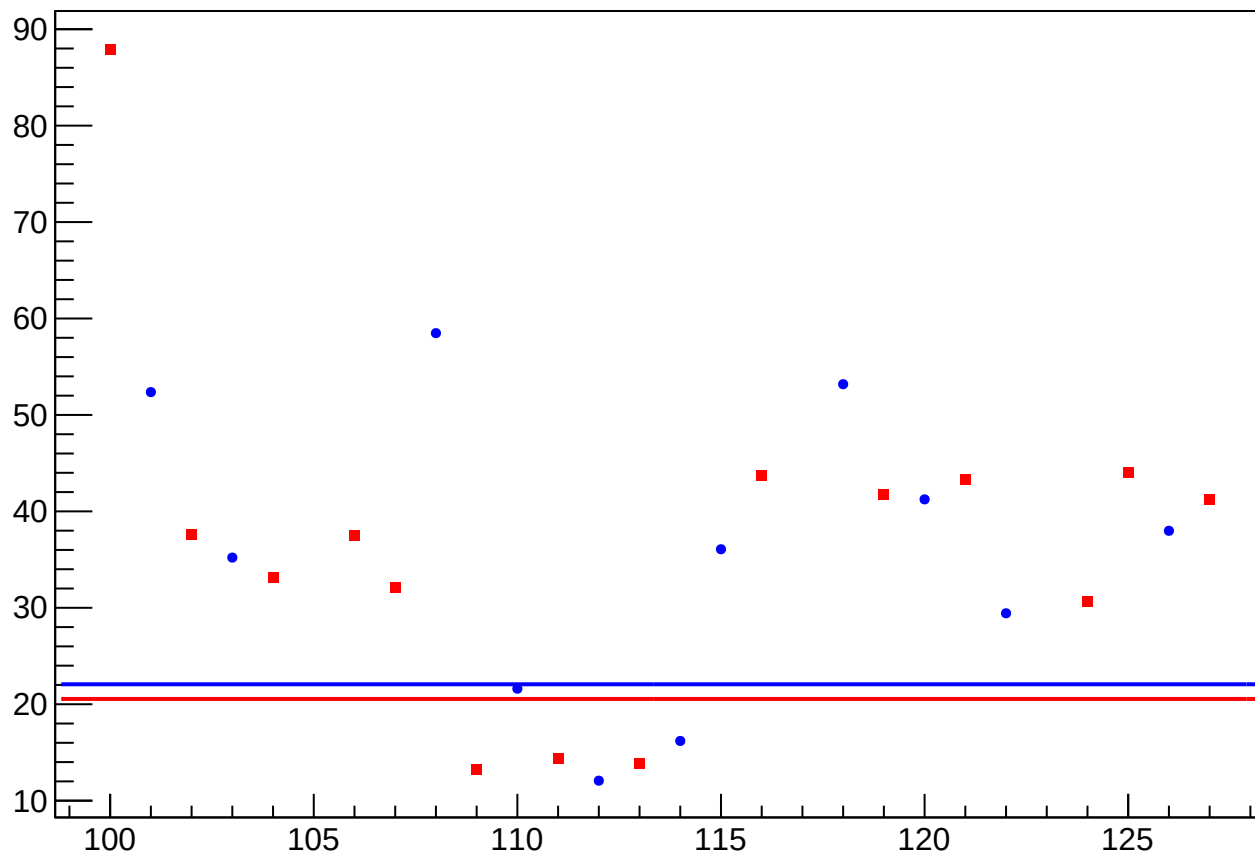
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.017 $\pm$ 0.008 χ^2 /NDF: 24.1/24

- 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: 22.069+/-0.009 χ^2/NDF : 2187647.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.548+/-0.007 χ^2/NDF : 2340663.4/13

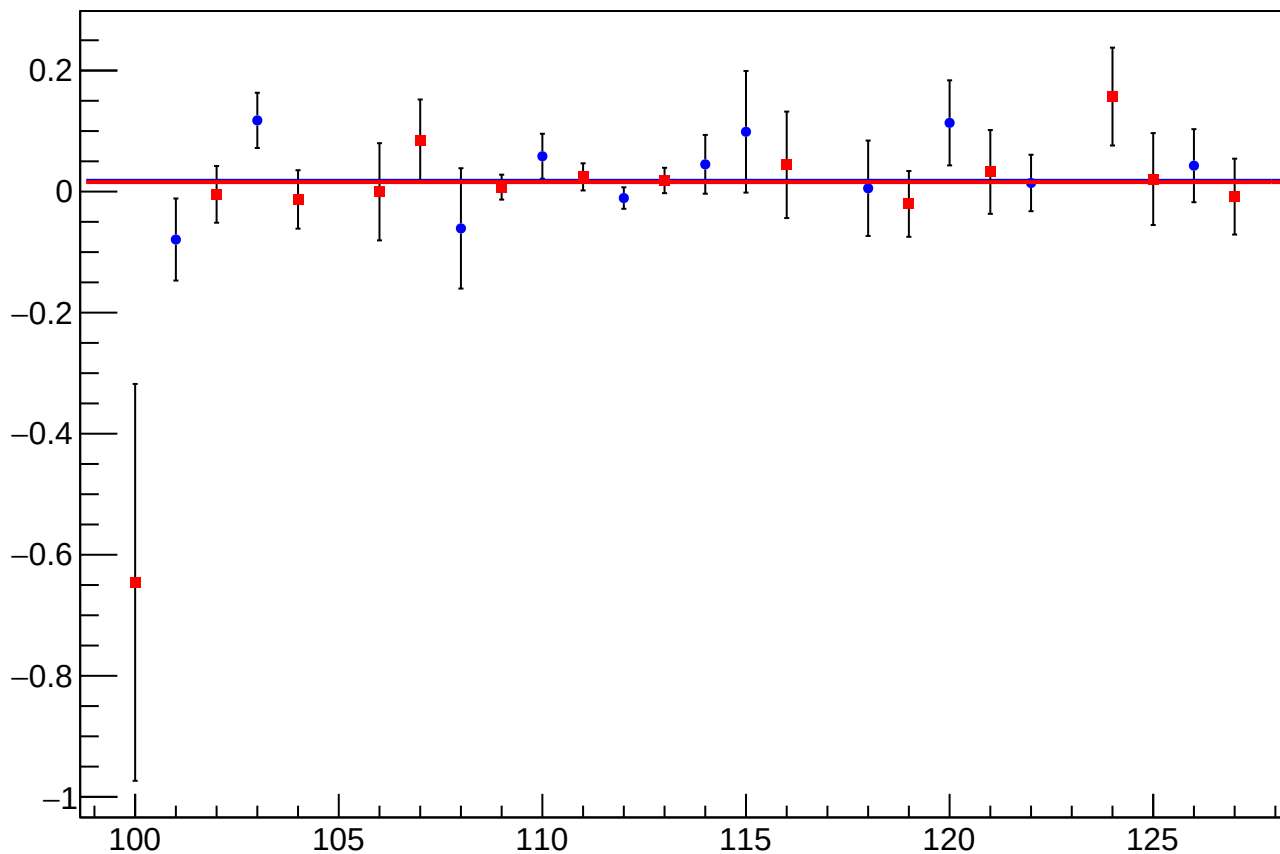
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.170+/-0.006 χ^2/NDF : 4545625.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.018 $\pm$ 0.013 χ^2 /NDF: 14.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.016 $\pm$ 0.010 χ^2 /NDF: 9.8/13

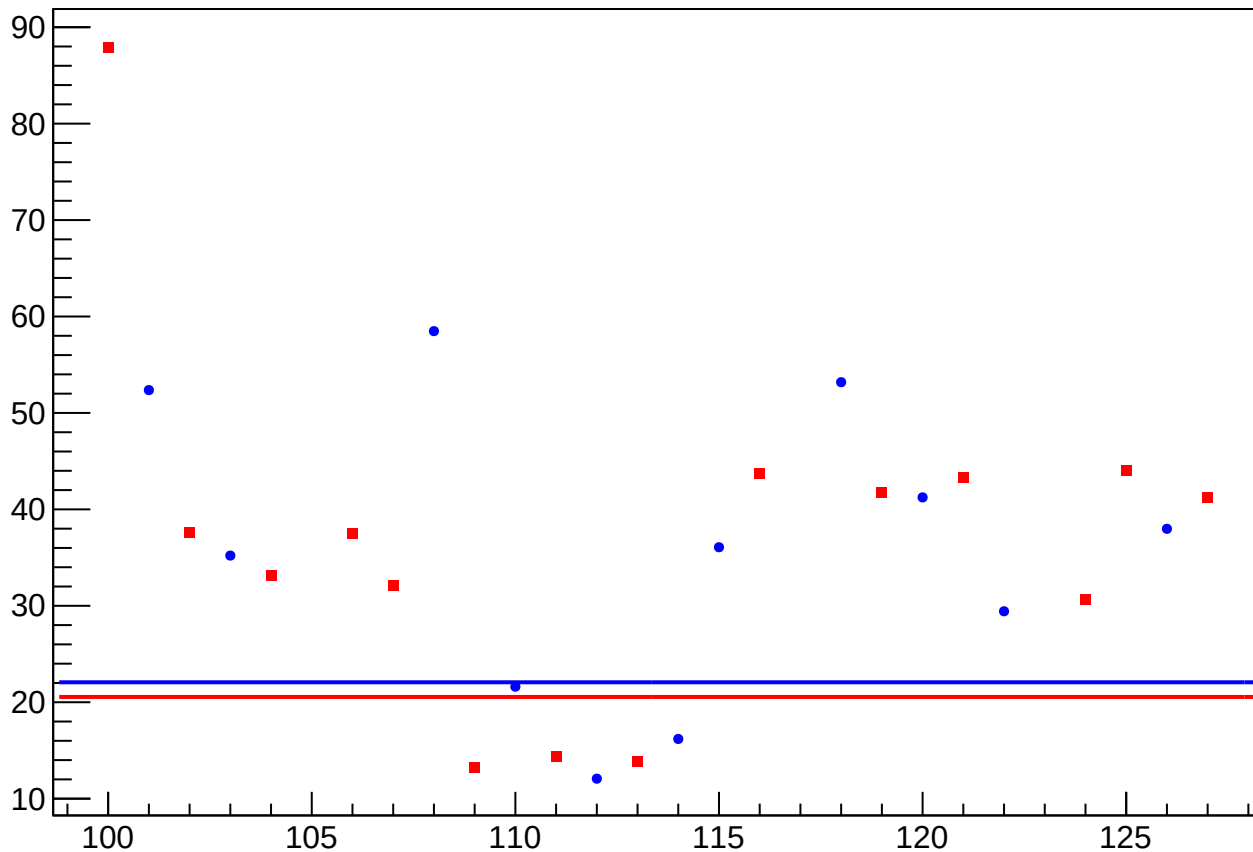
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.017 $\pm$ 0.008 χ^2 /NDF: 24.1/24

- 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: 22.069+/-0.009 χ^2/NDF : 2187647.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.548+/-0.007 χ^2/NDF : 2340663.4/13

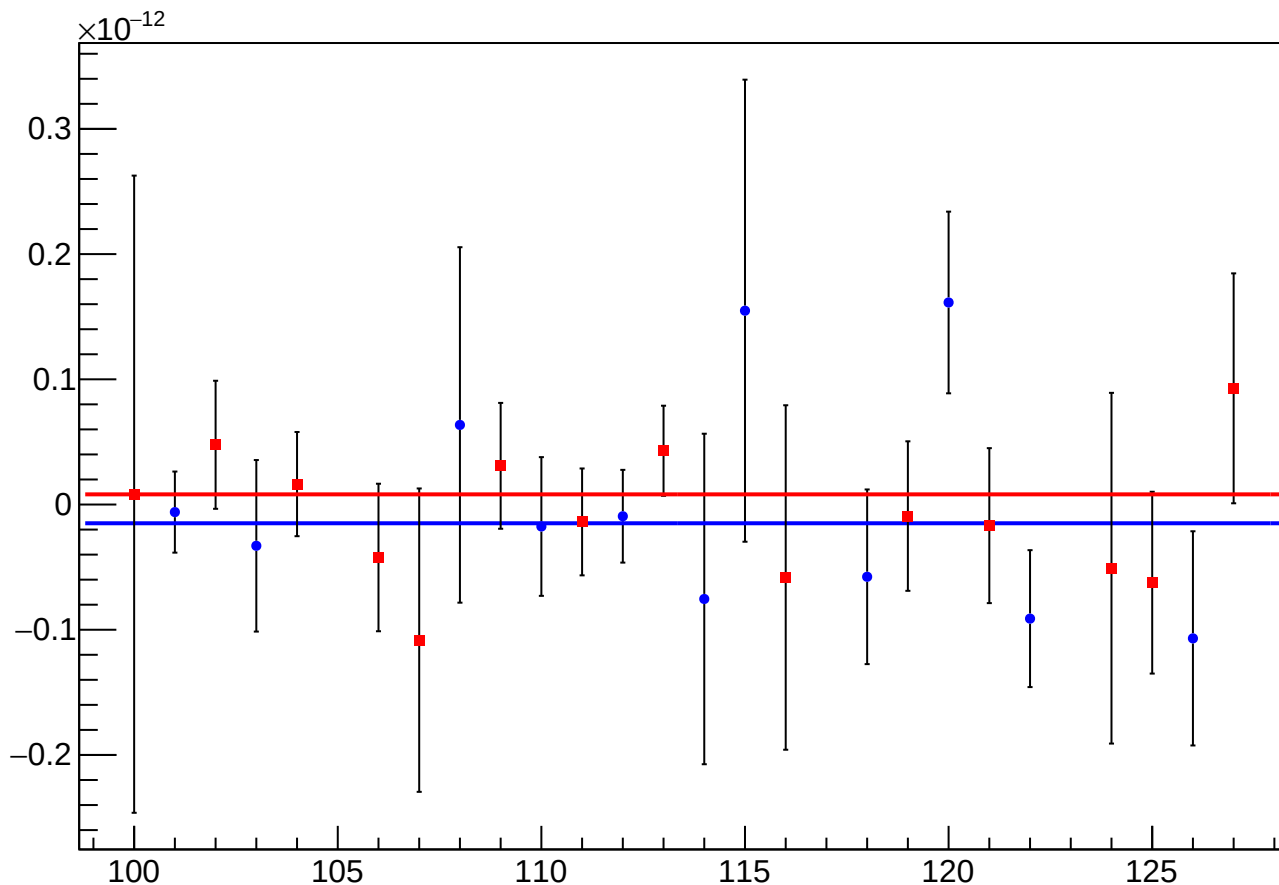
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.170+/-0.006 χ^2/NDF : 4545625.0/24

- 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 : 10.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.2/13

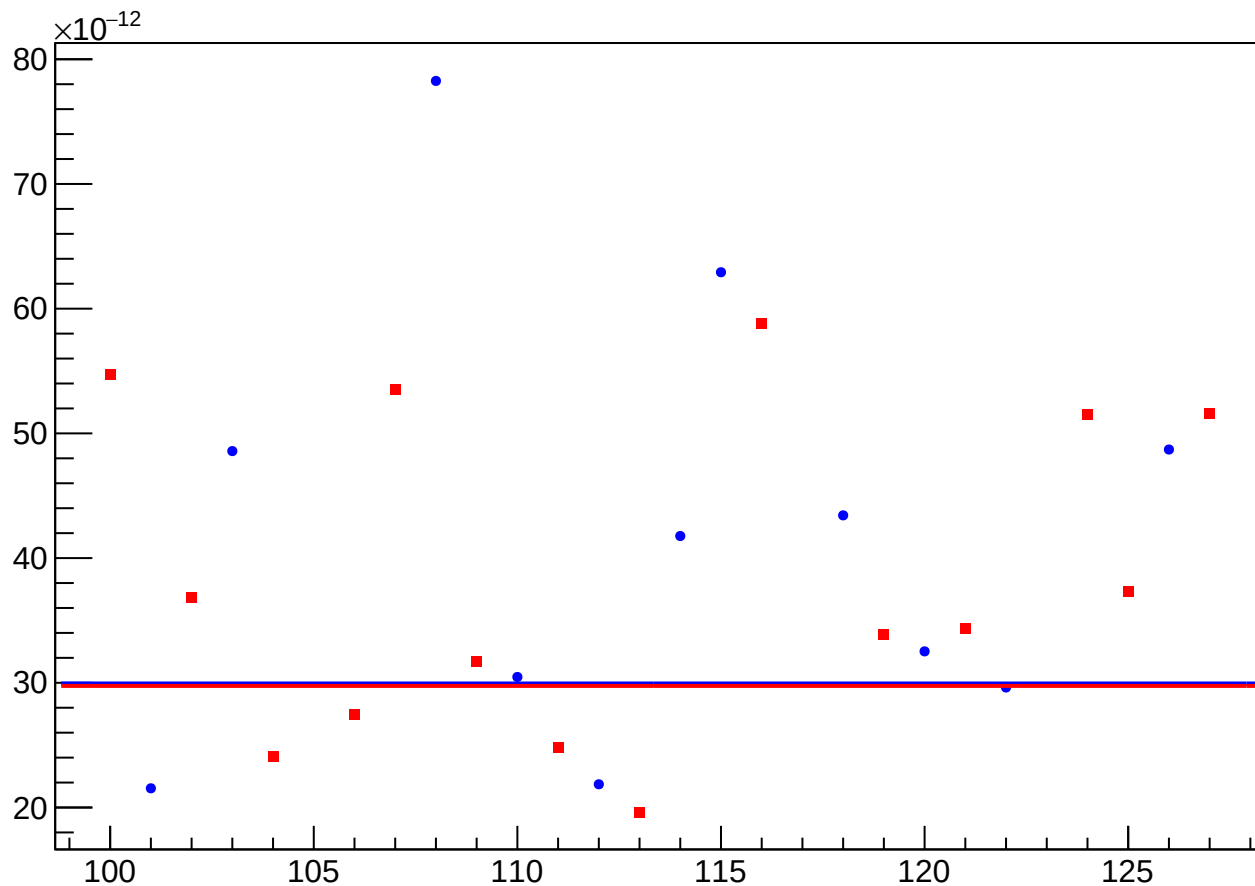
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.0/24

- 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 : 863407.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 657394.9/13

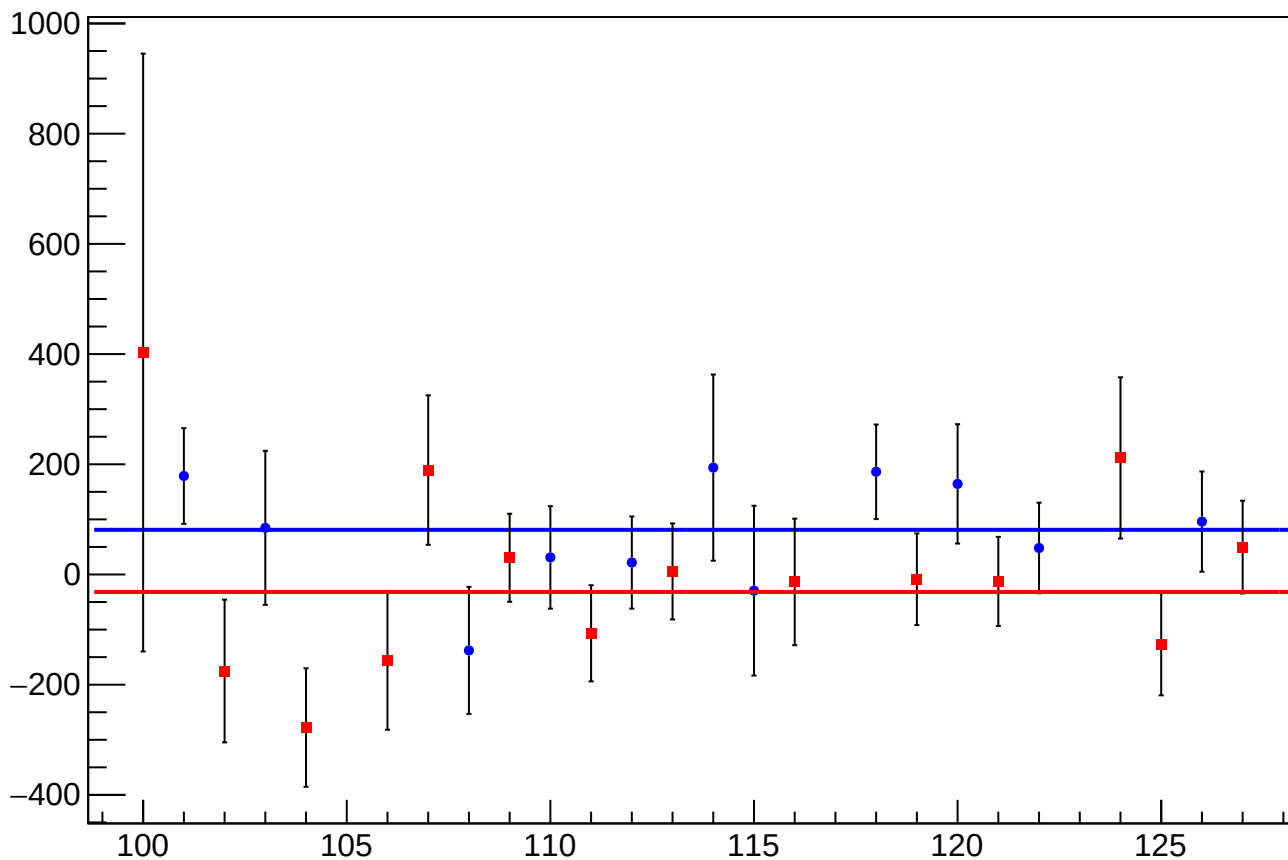
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1520935.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_mean vs Slug



Right In: 81.079 $\pm$ 30.363 χ^2 /NDF: 8.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -31.672 $\pm$ 27.078 χ^2 /NDF: 17.2/13

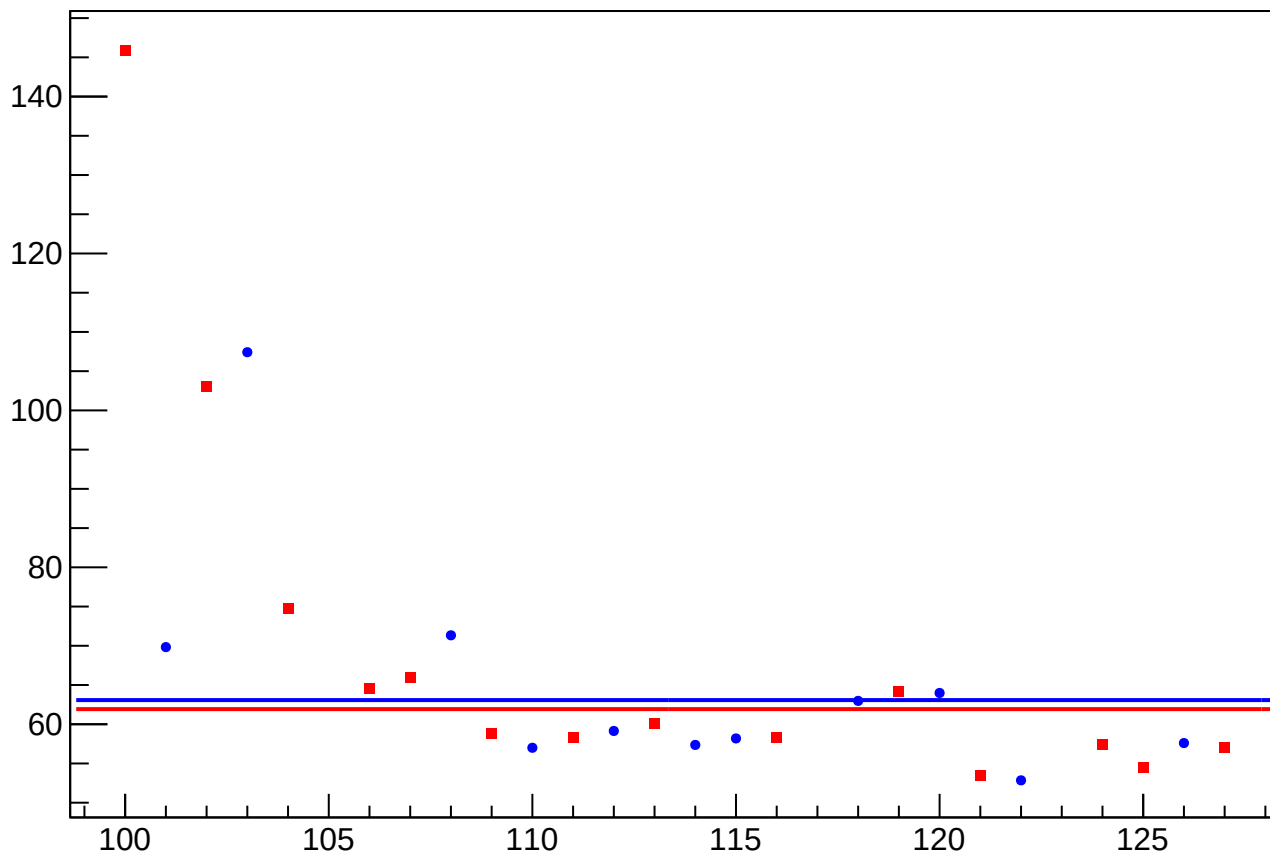
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.276 $\pm$ 20.209 χ^2 /NDF: 33.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_13_57_dd_rms vs Slug



Right In: 63.079+/-0.021 χ^2/NDF : 279176.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.927+/-0.019 χ^2/NDF : 335357.0/13

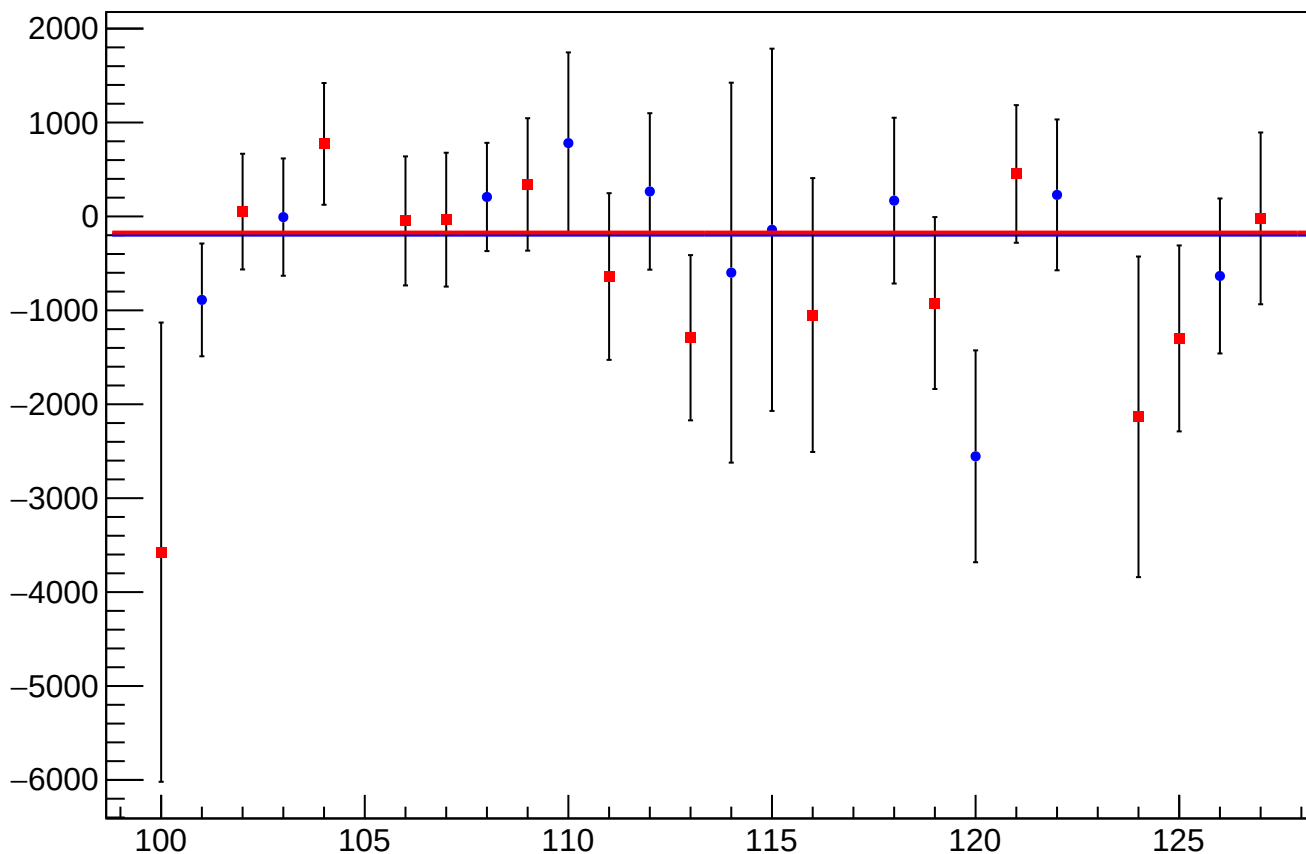
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.437+/-0.014 χ^2/NDF : 616137.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_reg_correction_mean vs Slug



Right In: -193.693+/-246.455 χ^2/NDF : 8.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -171.771+/-224.003 χ^2/NDF : 11.1/13

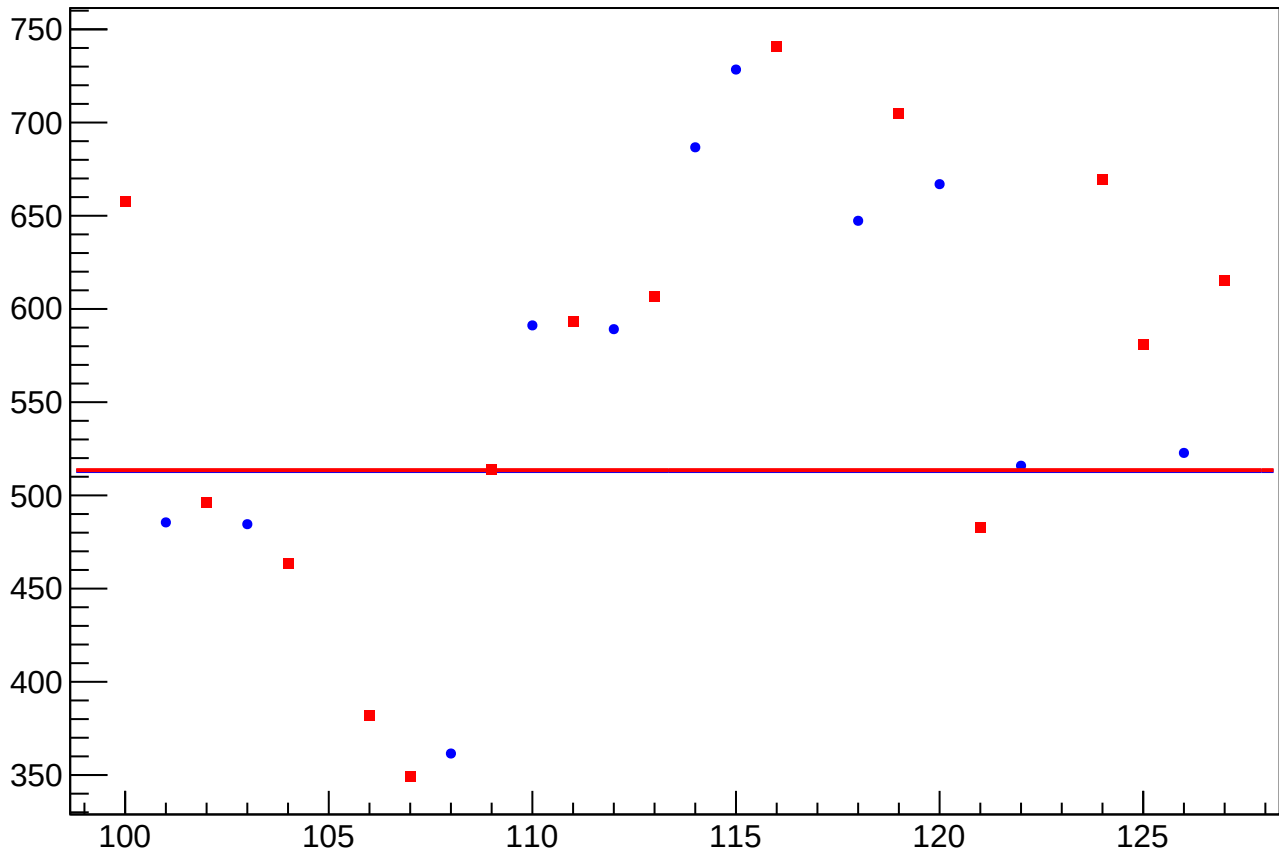
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -181.688+/-165.764 χ^2/NDF : 19.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_reg_correction_rms vs Slug



Right In: 513.062 $\pm$ 0.174 χ^2 /NDF: 299891.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 513.545 $\pm$ 0.158 χ^2 /NDF: 429125.7/13

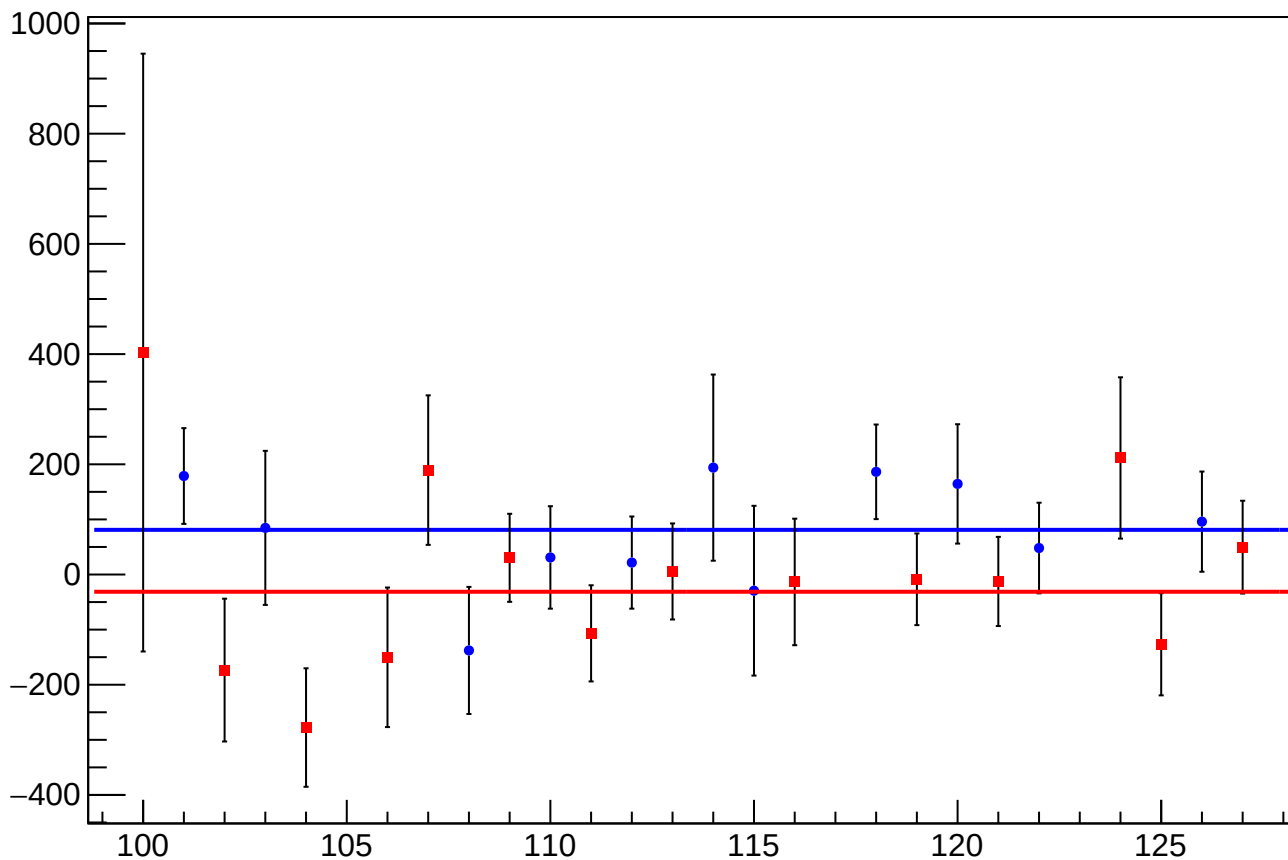
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 513.326 $\pm$ 0.117 χ^2 /NDF: 729021.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_13_57_dd_mean vs Slug



Right In: 81.079 $\pm$ 30.363 χ^2 /NDF: 8.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -31.267 $\pm$ 27.085 χ^2 /NDF: 17.0/13

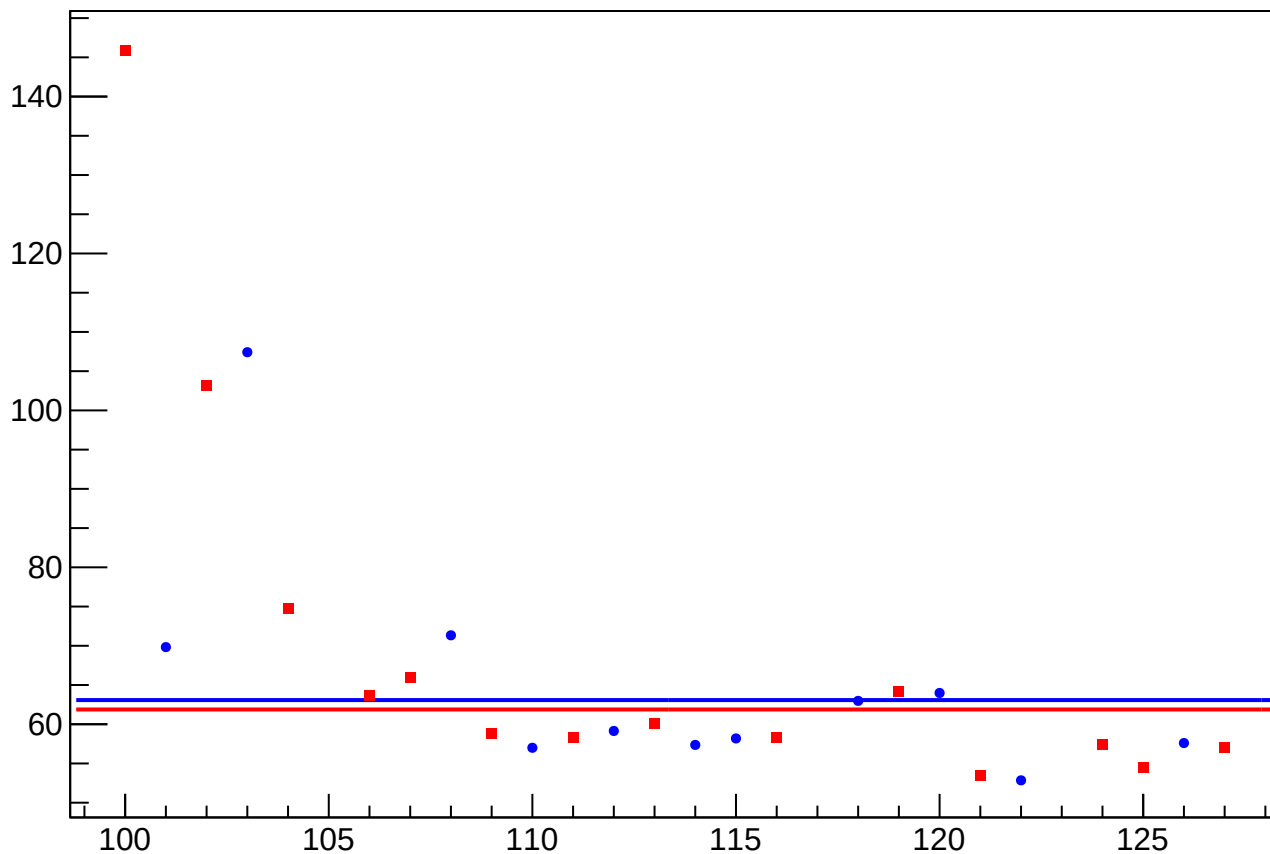
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.517 $\pm$ 20.212 χ^2 /NDF: 33.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_13_57_dd_rms vs Slug



Right In: 63.079+/-0.021 χ^2/NDF : 279178.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.880+/-0.019 χ^2/NDF : 335031.9/13

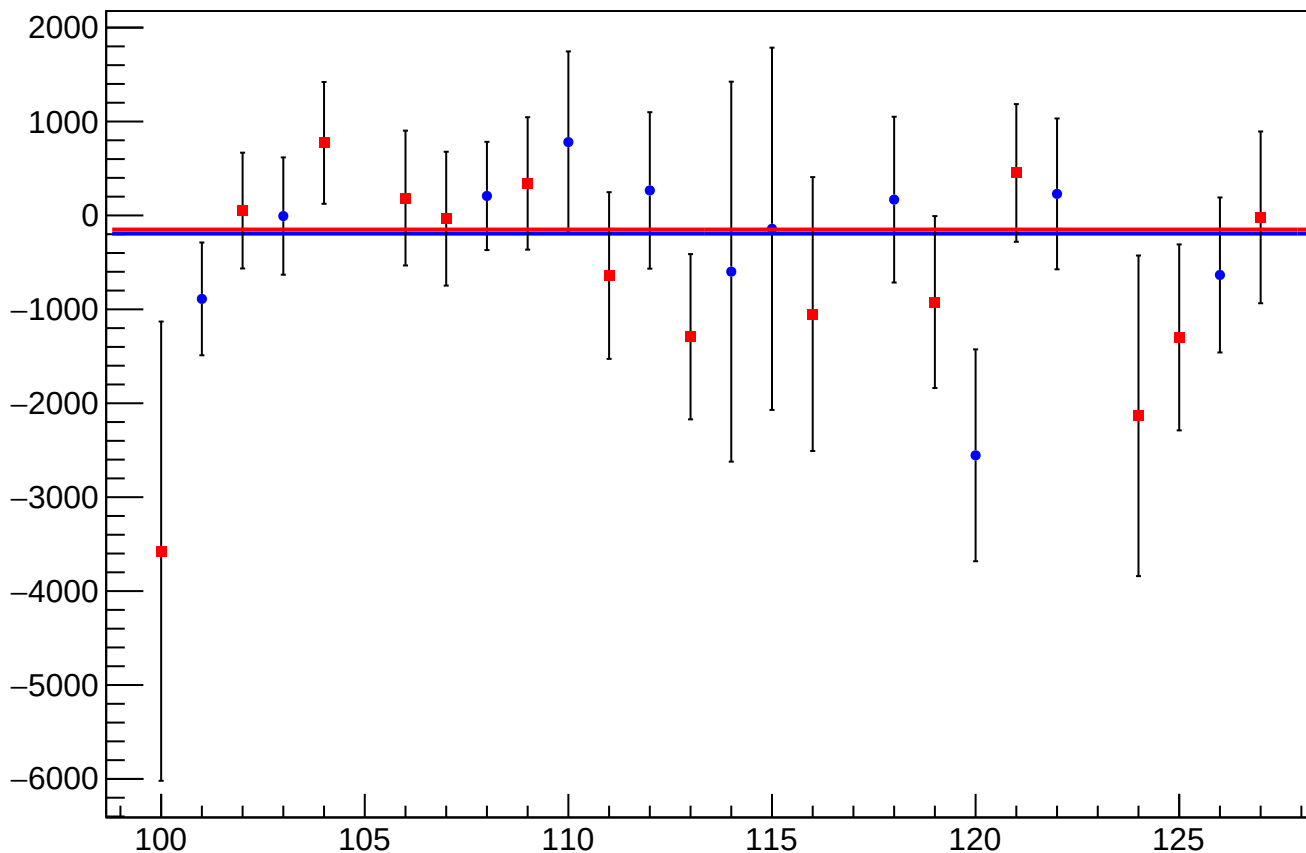
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.411+/-0.014 χ^2/NDF : 615945.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_cor_correction_mean vs Slug



Right In: -193.620+/-246.458 χ^2/NDF : 8.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -150.071+/-225.040 χ^2/NDF : 11.3/13

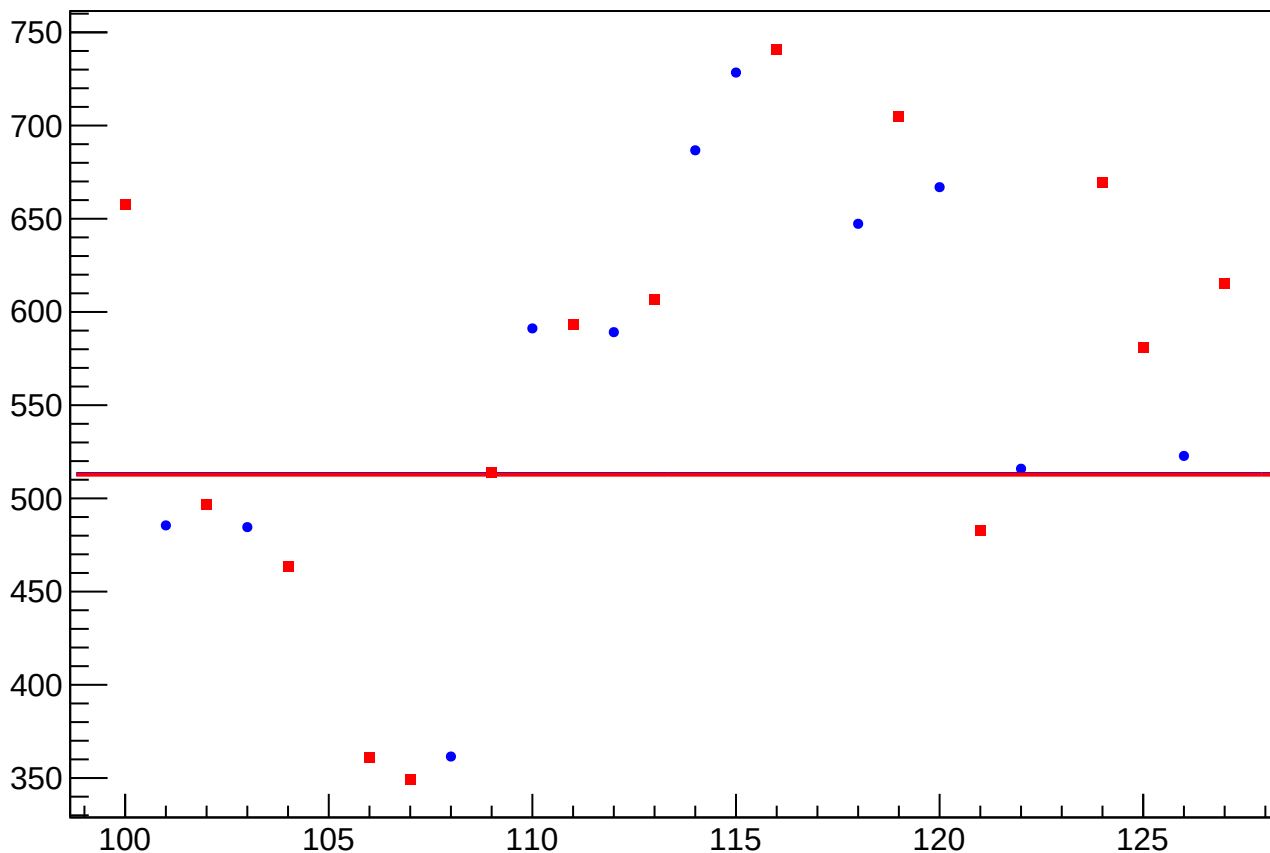
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -169.871+/-166.184 χ^2/NDF : 19.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_cor_correction_rms vs Slug



Right In: 513.067+/-0.174 χ^2/NDF : 299881.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 512.747+/-0.159 χ^2/NDF : 445927.0/13

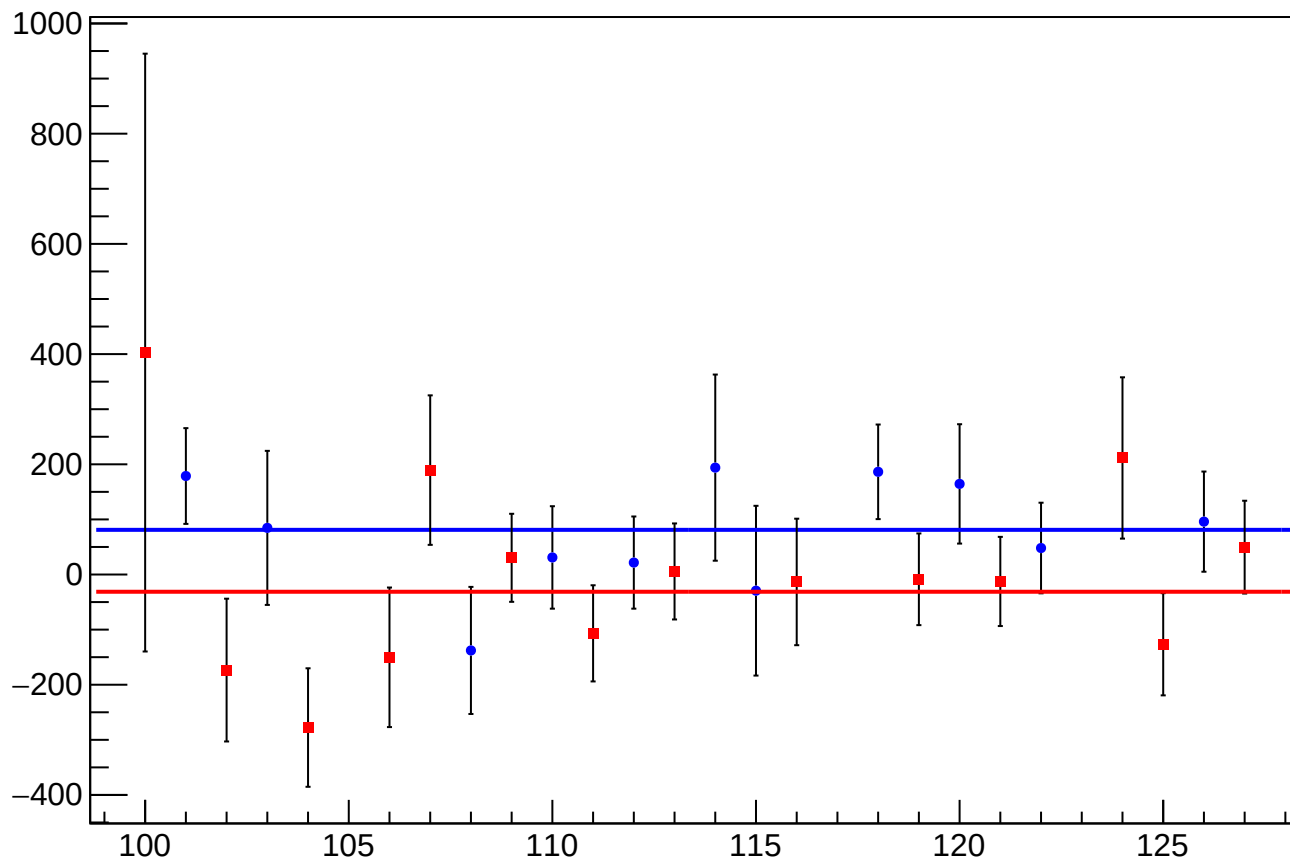
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 512.892+/-0.118 χ^2/NDF : 745810.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_13_57_dd_mean vs Slug



Right In: 81.079 $\pm$ 30.363 χ^2 /NDF: 8.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -31.267 $\pm$ 27.085 χ^2 /NDF: 17.0/13

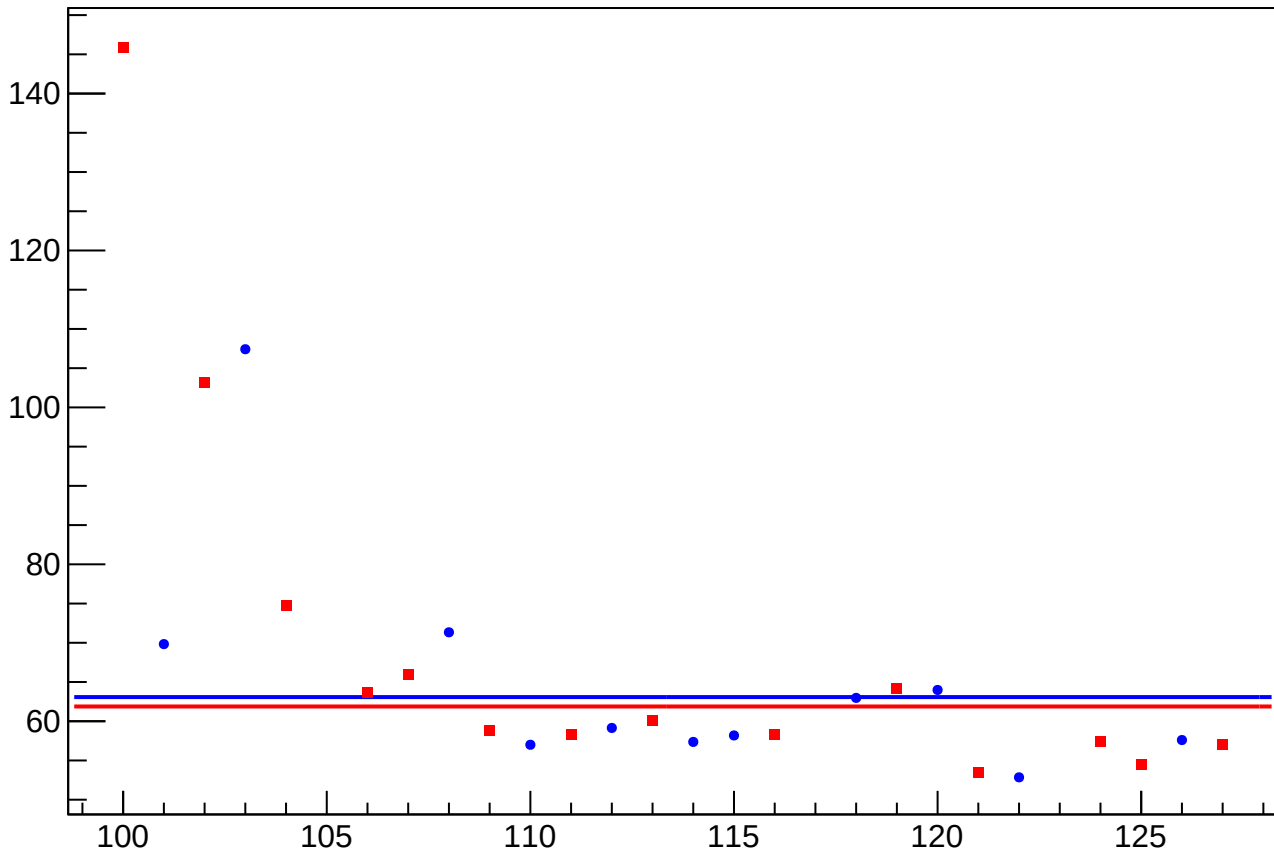
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.517 $\pm$ 20.212 χ^2 /NDF: 33.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_13_57_dd_rms vs Slug



Right In: 63.079 $\pm$ 0.021 χ^2 /NDF: 279178.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 61.880 $\pm$ 0.019 χ^2 /NDF: 335031.9/13

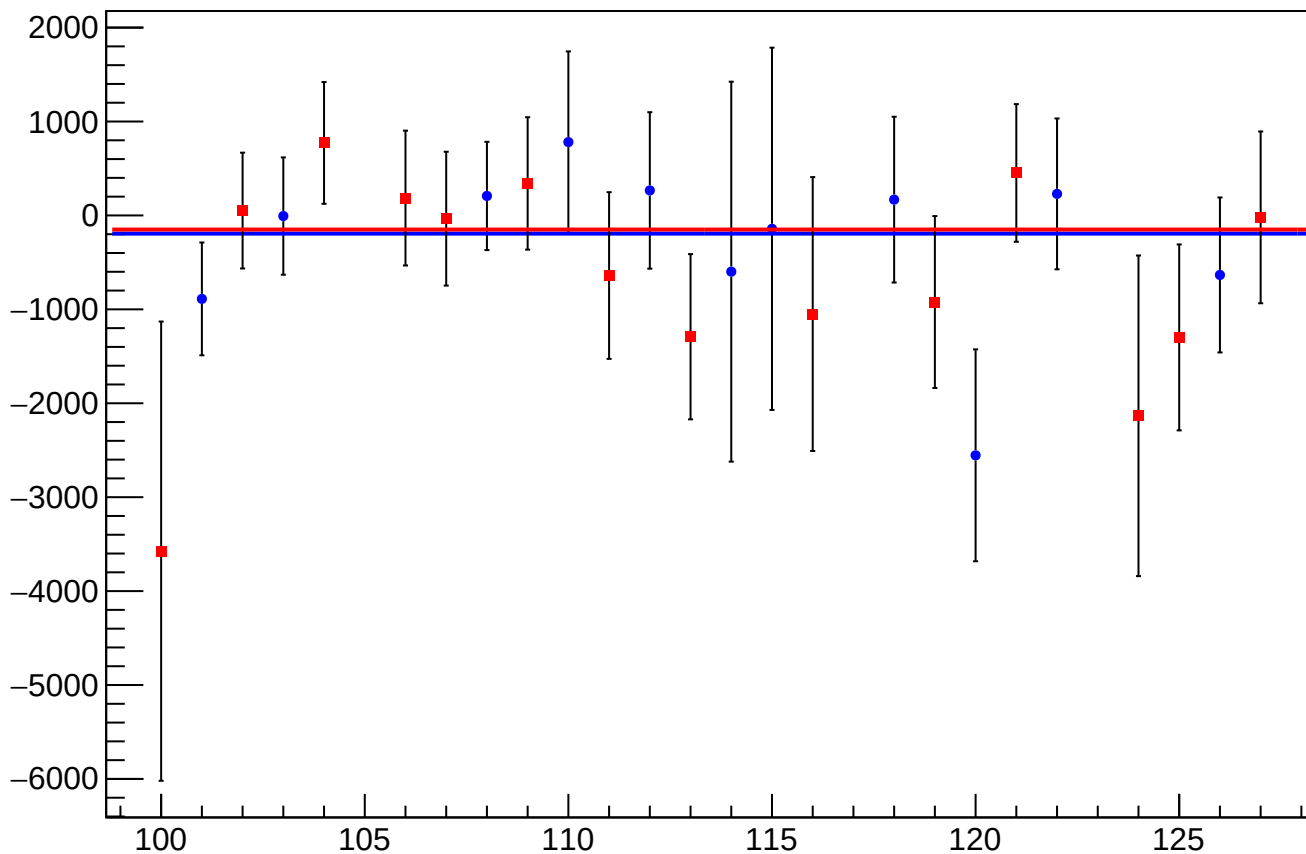
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 62.411 $\pm$ 0.014 χ^2 /NDF: 615945.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_cor_correction_mean vs Slug



Right In: -193.620+/-246.458 χ^2/NDF : 8.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -150.071+/-225.040 χ^2/NDF : 11.3/13

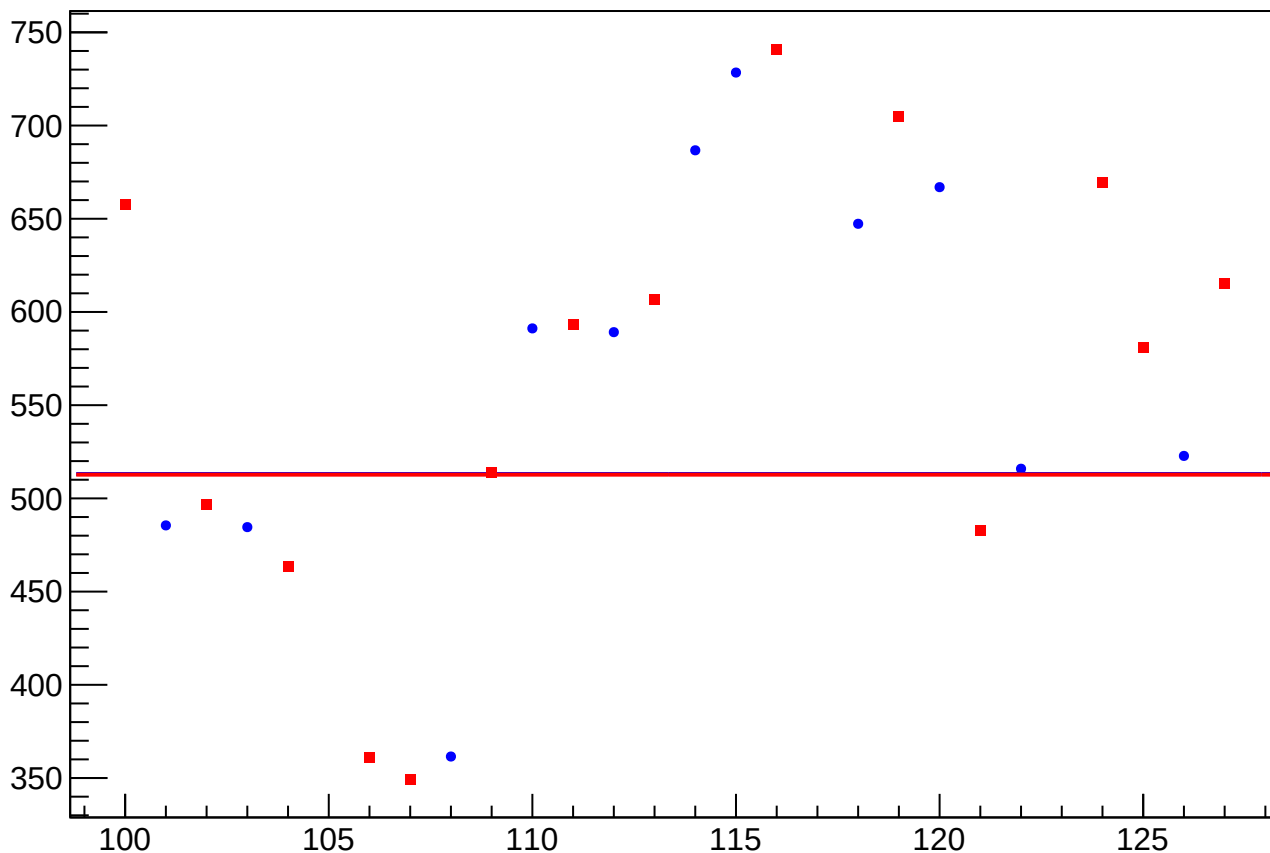
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -169.871+/-166.184 χ^2/NDF : 19.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_eigen_cor_correction_rms vs Slug



Right In: 513.067+/-0.174 χ^2/NDF : 299881.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 512.747+/-0.159 χ^2/NDF : 445927.0/13

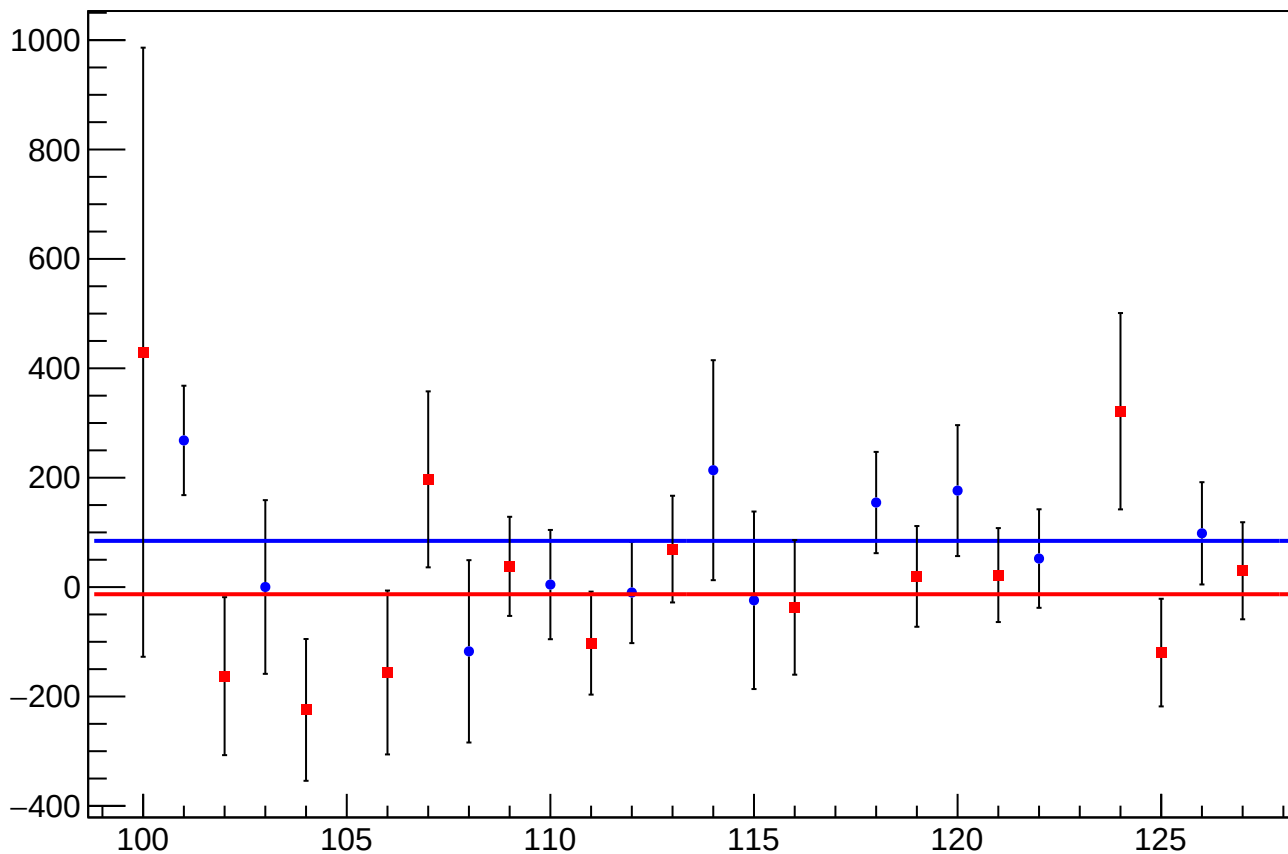
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 512.892+/-0.118 χ^2/NDF : 745810.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_13_57_dd_mean vs Slug



Right In: 84.508 $\pm$ 33.720 χ^2 /NDF: 9.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -13.032 $\pm$ 29.954 χ^2 /NDF: 14.1/13

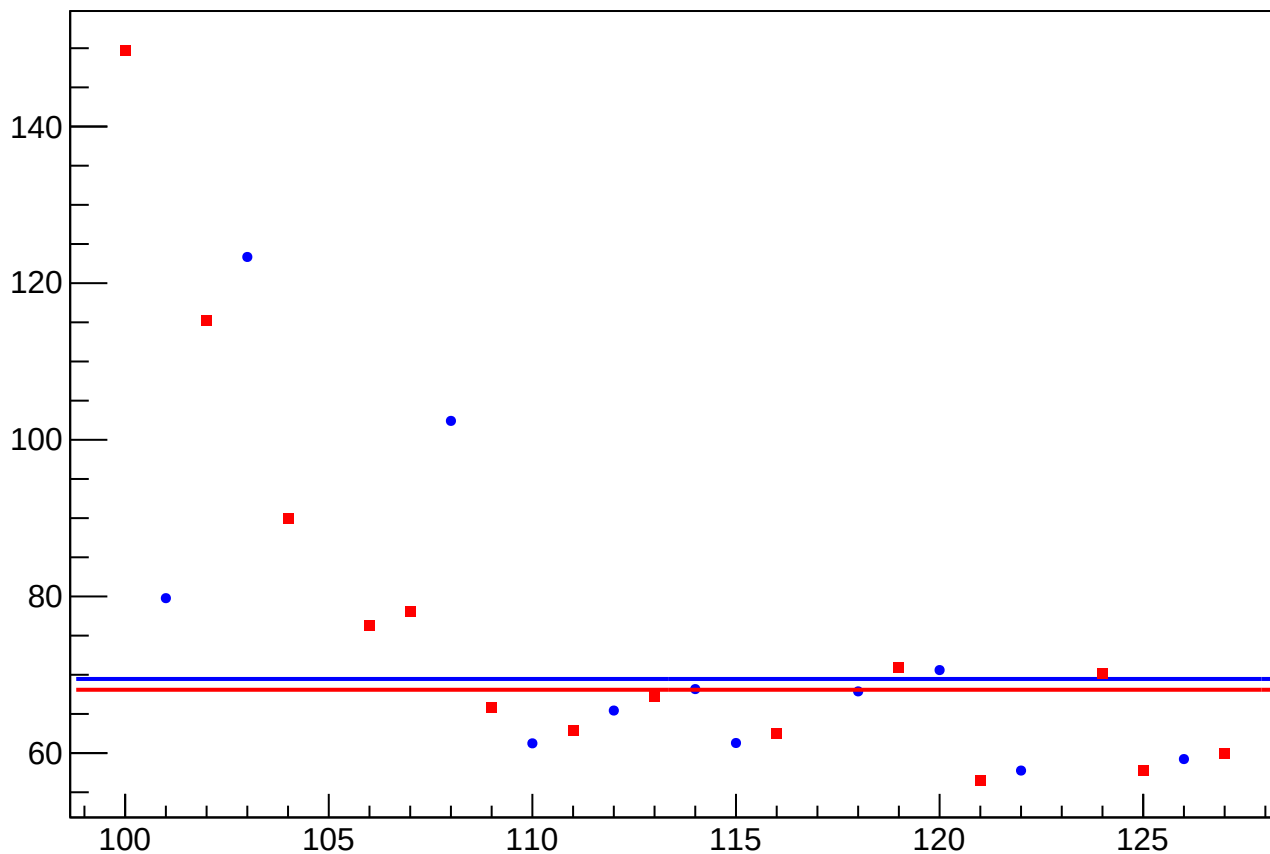
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 29.988 $\pm$ 22.394 χ^2 /NDF: 27.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_13_57_dd_rms vs Slug



Right In: 69.466+/-0.024 χ^2/NDF : 410639.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.085+/-0.021 χ^2/NDF : 415858.7/13

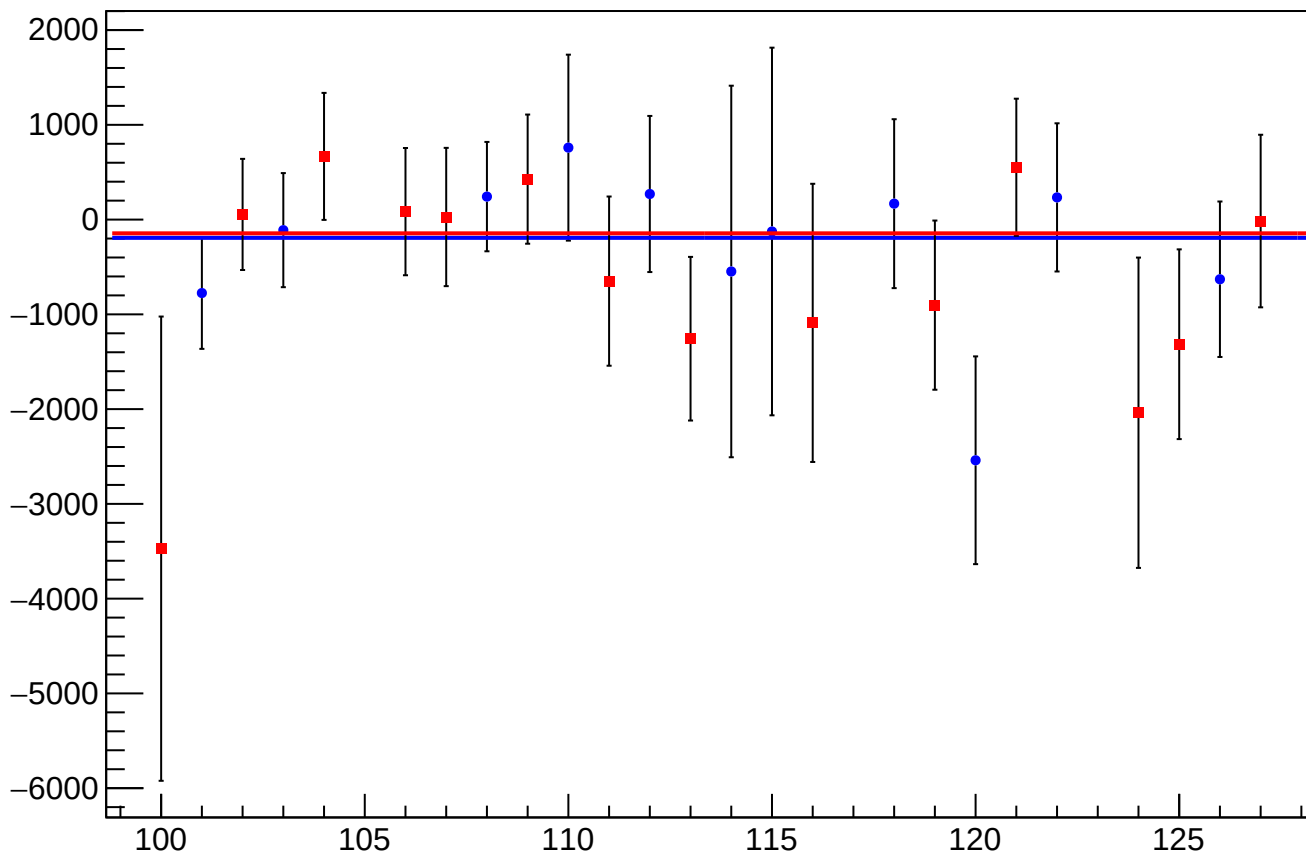
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.694+/-0.016 χ^2/NDF : 828373.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_dit_correction_mean vs Slug



Right In: -192.577 ± 243.298 χ^2/NDF : 8.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -145.032 ± 221.641 χ^2/NDF : 11.1/13

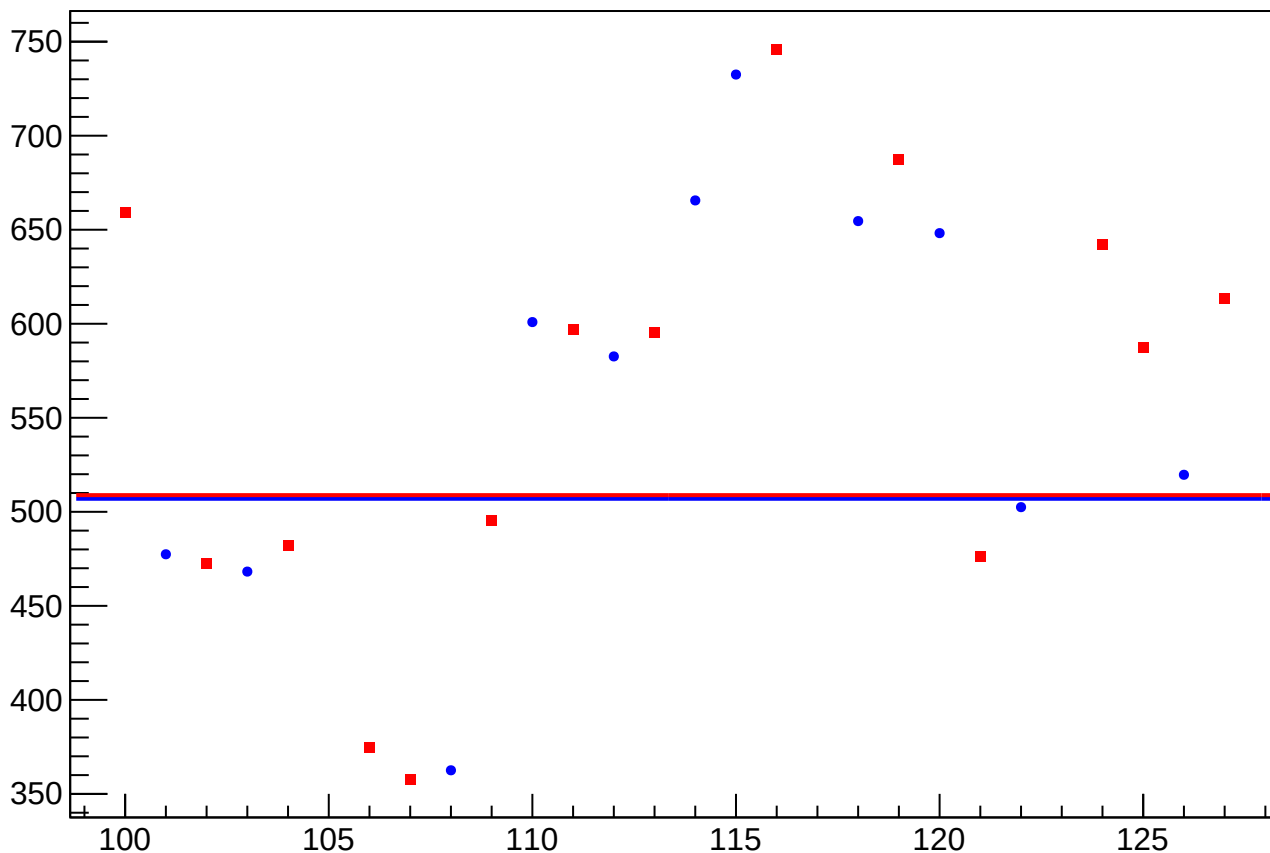
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -166.595 ± 163.846 χ^2/NDF : 19.3/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_dit_correction_rms vs Slug



Right In: 506.941 $\pm$ 0.172 χ^2 /NDF: 302530.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 508.870 $\pm$ 0.157 χ^2 /NDF: 412729.2/13

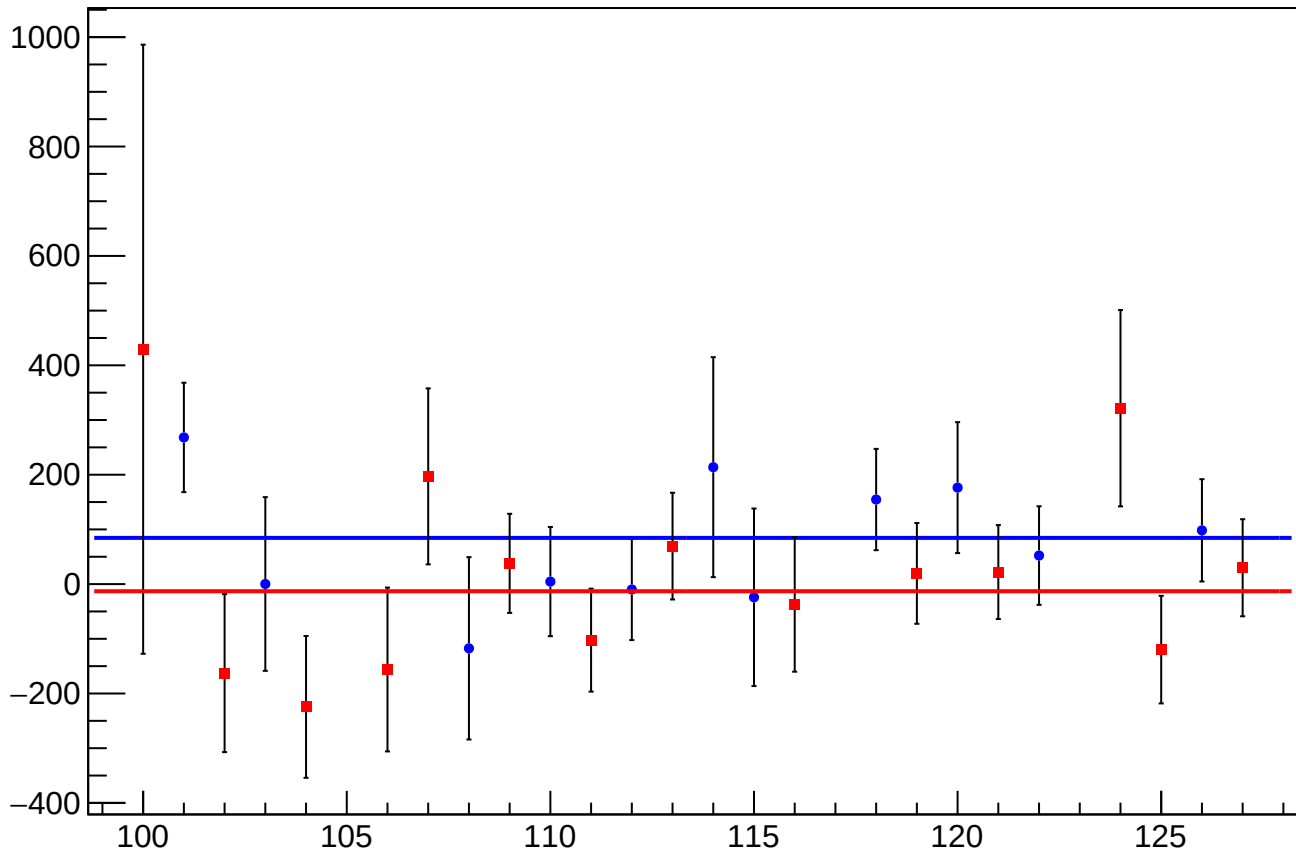
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 507.995 $\pm$ 0.116 χ^2 /NDF: 715327.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_13_57_dd_mean vs Slug



Right In: 84.508 $\pm$ 33.720 χ^2 /NDF: 9.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -13.031 $\pm$ 29.954 χ^2 /NDF: 14.1/13

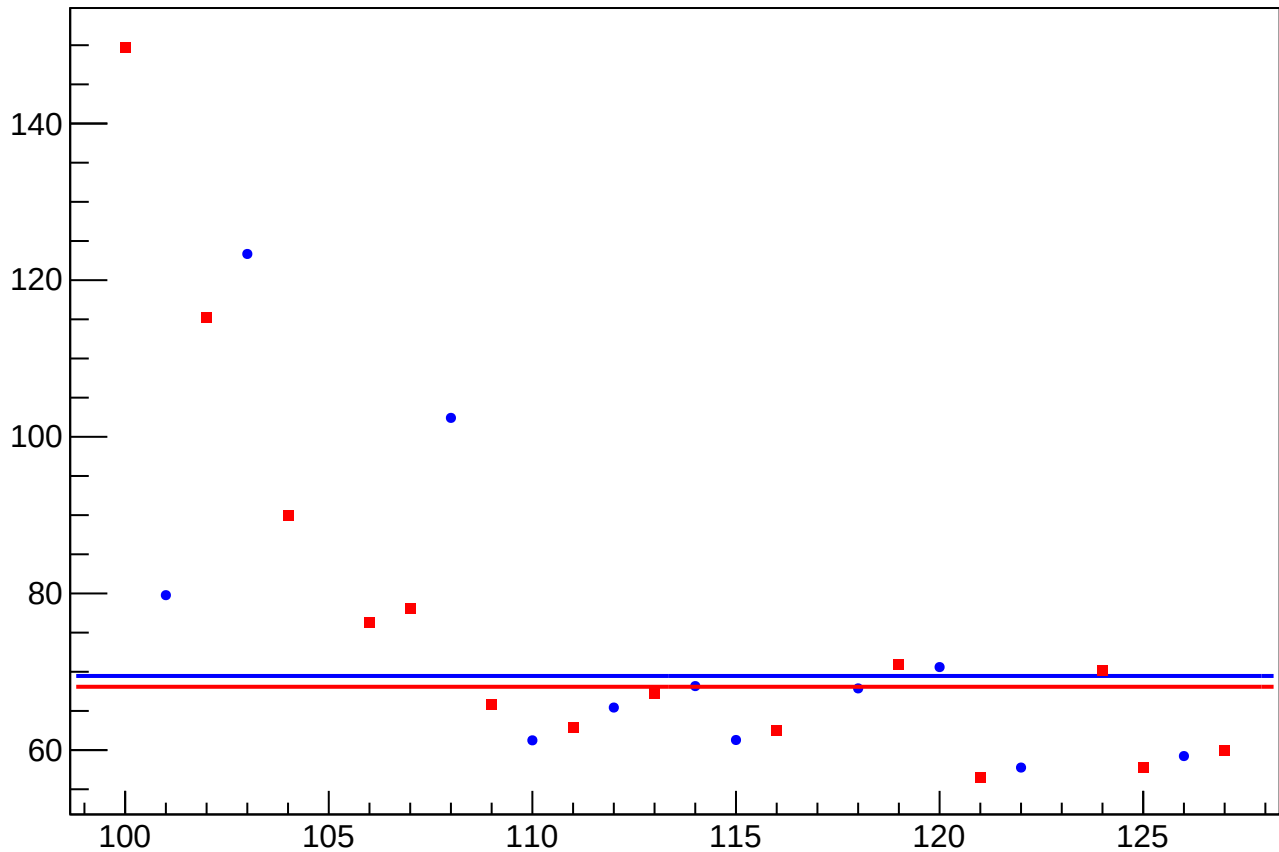
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 29.989 $\pm$ 22.394 χ^2 /NDF: 27.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_13_57_dd_rms vs Slug



Right In: 69.466+/-0.024 χ^2/NDF : 410643.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.085+/-0.021 χ^2/NDF : 415857.1/13

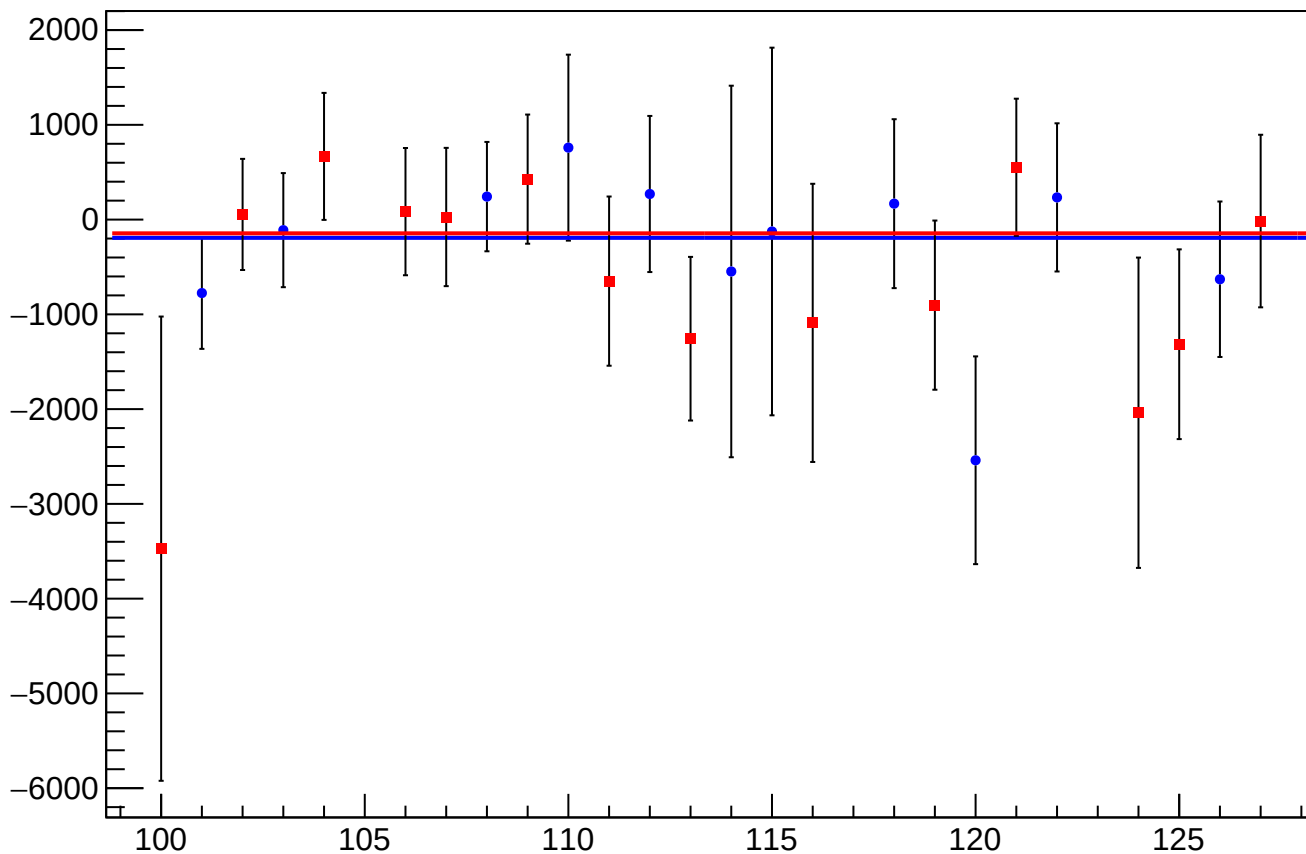
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.694+/-0.016 χ^2/NDF : 828374.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_eigen_dit_correction_mean vs Slug



Right In: -192.577 ± 243.297 χ^2/NDF : 8.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -145.031 ± 221.641 χ^2/NDF : 11.1/13

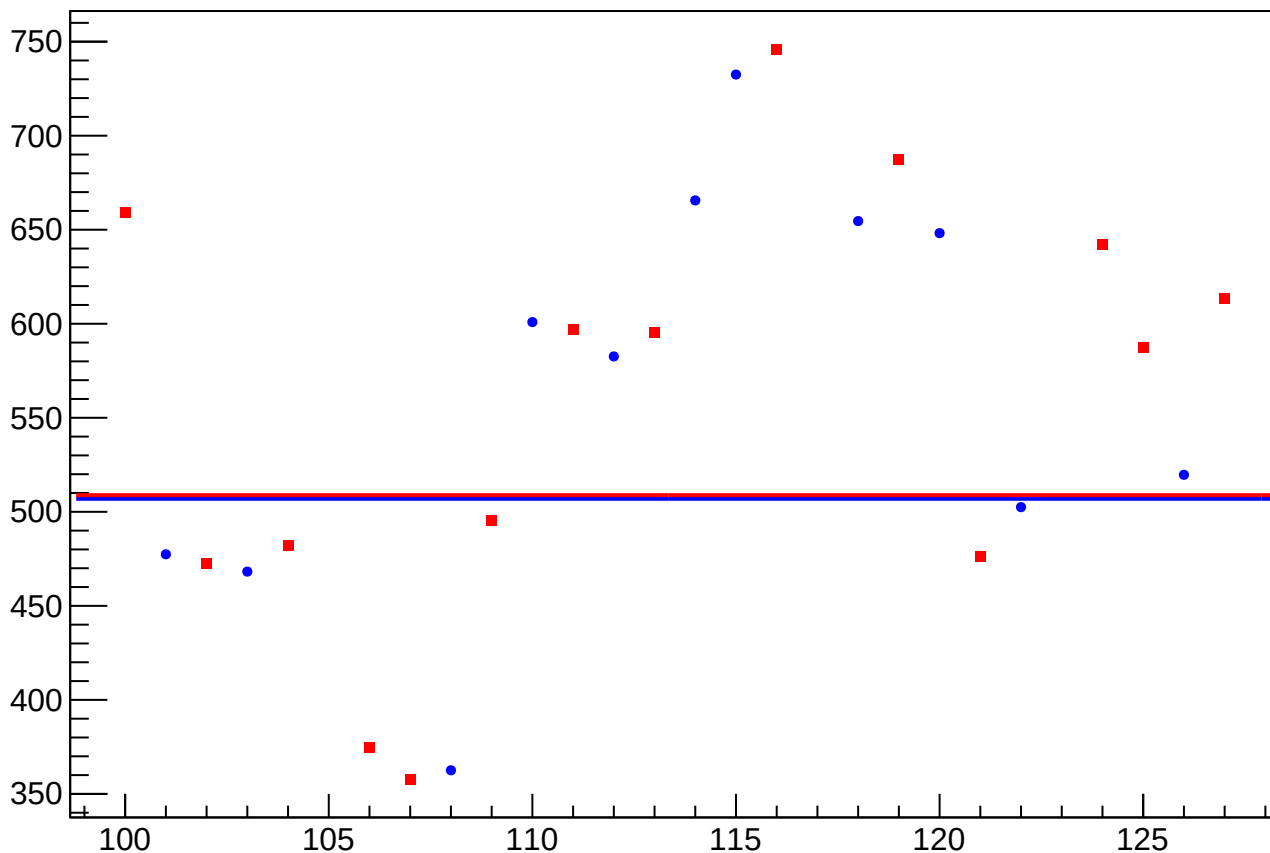
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -166.594 ± 163.846 χ^2/NDF : 19.3/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_eigen_dit_correction_rms vs Slug



Right In: 506.940 $\pm$ 0.172 χ^2 /NDF: 302533.8/10

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

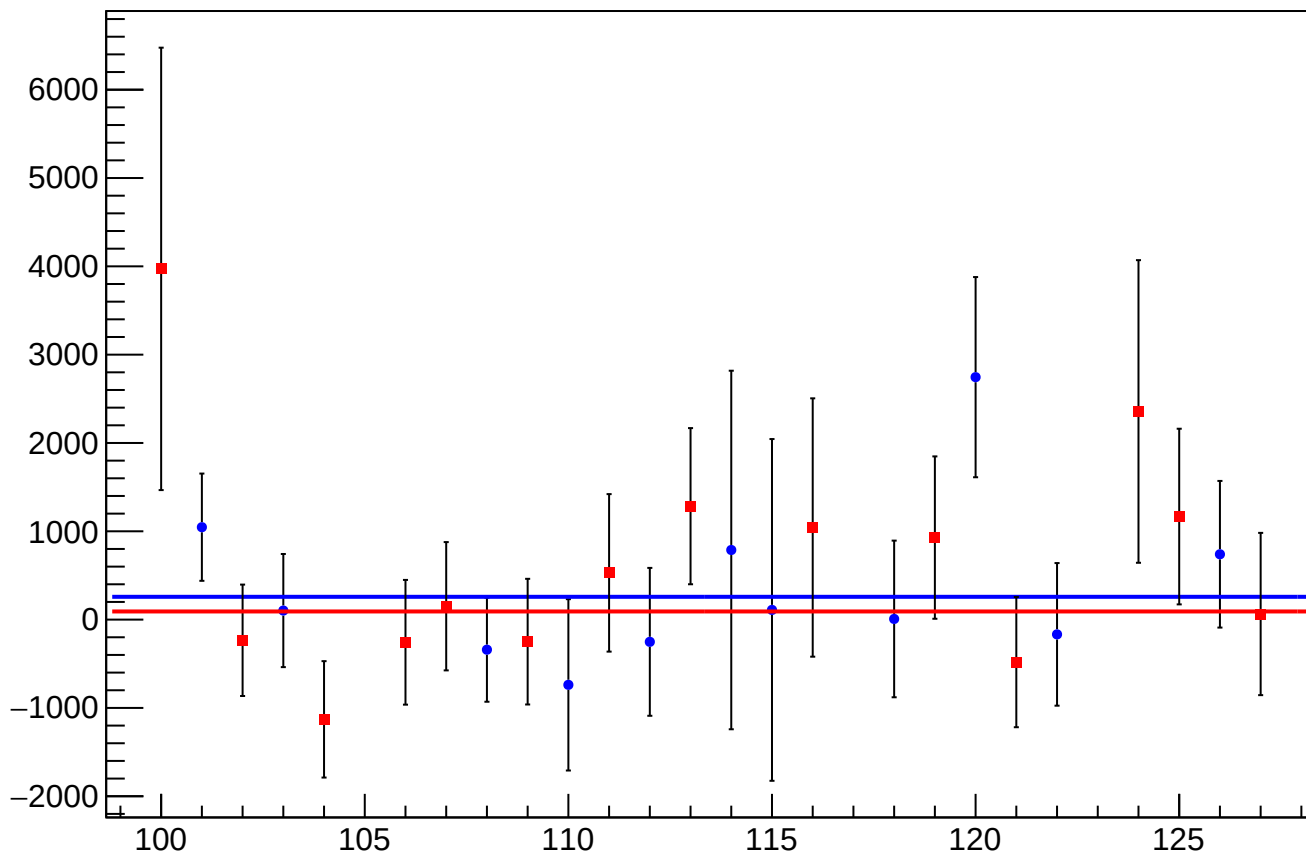
Right Out: 508.869 $\pm$ 0.157 χ^2 /NDF: 412730.8/13

All: 507.994 $\pm$ 0.116 χ^2 /NDF: 715333.3/24

- 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_sam_13_57_dd_mean vs Slug



Right In: 258.168 $\pm$ 249.515 χ^2 /NDF: 9.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 92.235 $\pm$ 226.947 χ^2 /NDF: 13.4/13

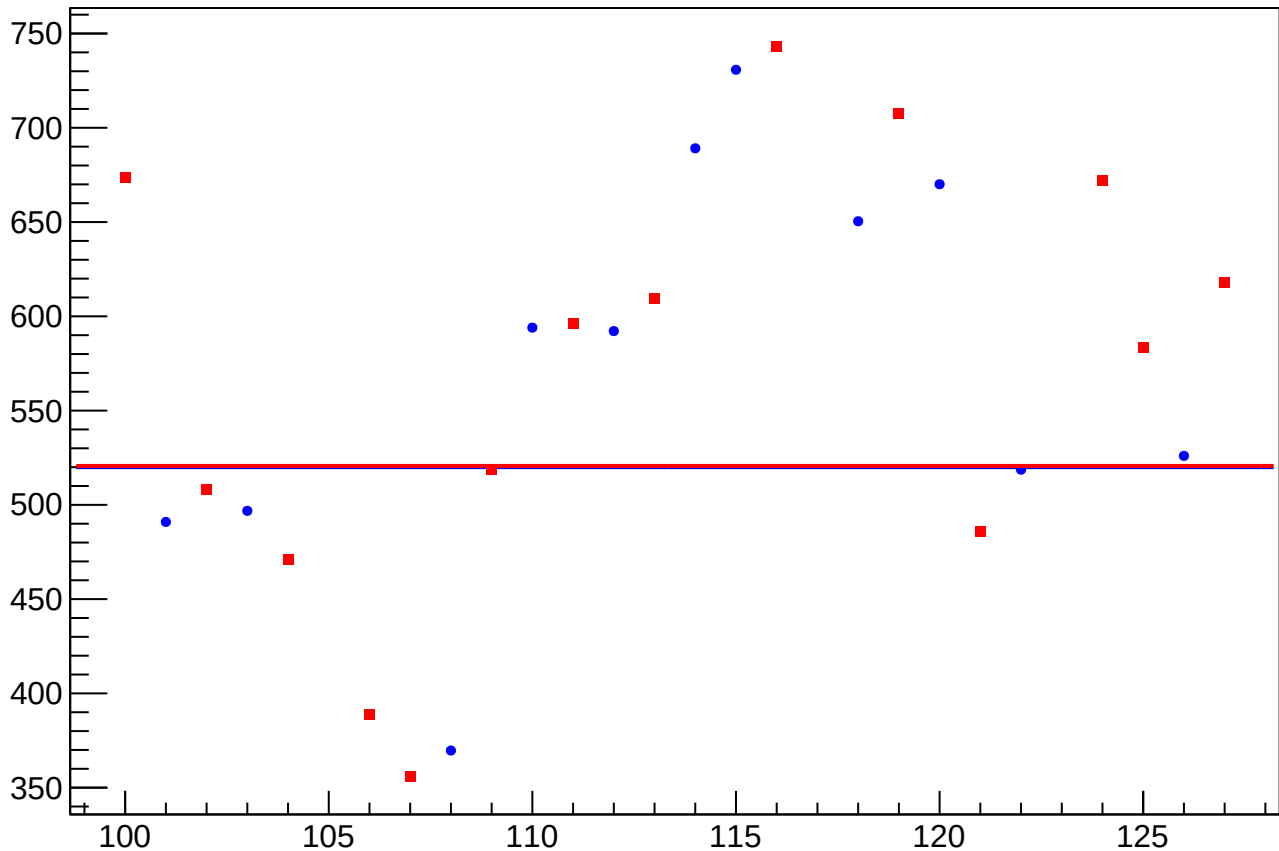
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 167.360 $\pm$ 167.889 χ^2 /NDF: 23.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_rms vs Slug



Right In: 520.016+/-0.176 χ^2/NDF : 279815.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 520.637+/-0.160 χ^2/NDF : 406509.2/13

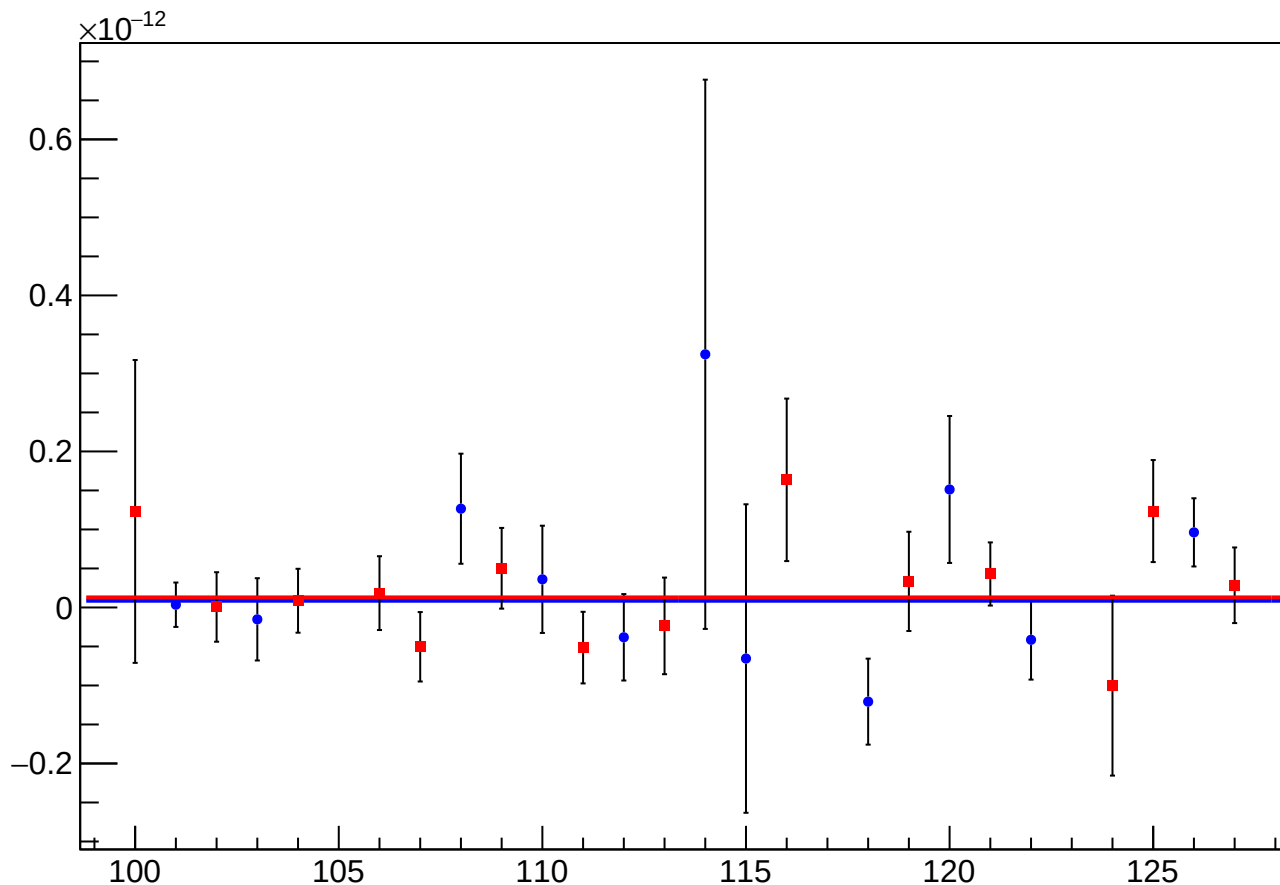
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 520.356+/-0.119 χ^2/NDF : 686331.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 17.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 12.0/13

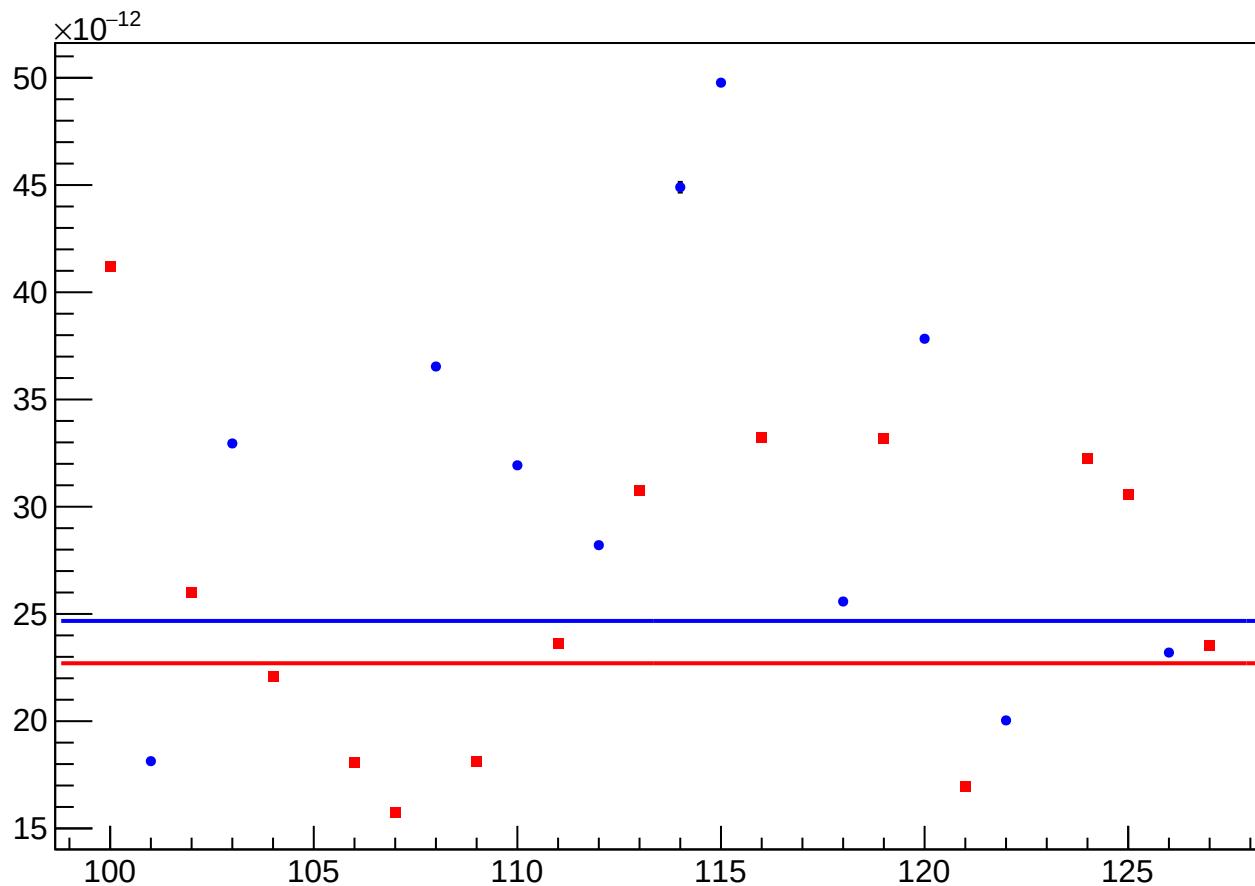
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 29.6/24

- sign 0.000 $\pm$ 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 : 339134.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 306455.8/13

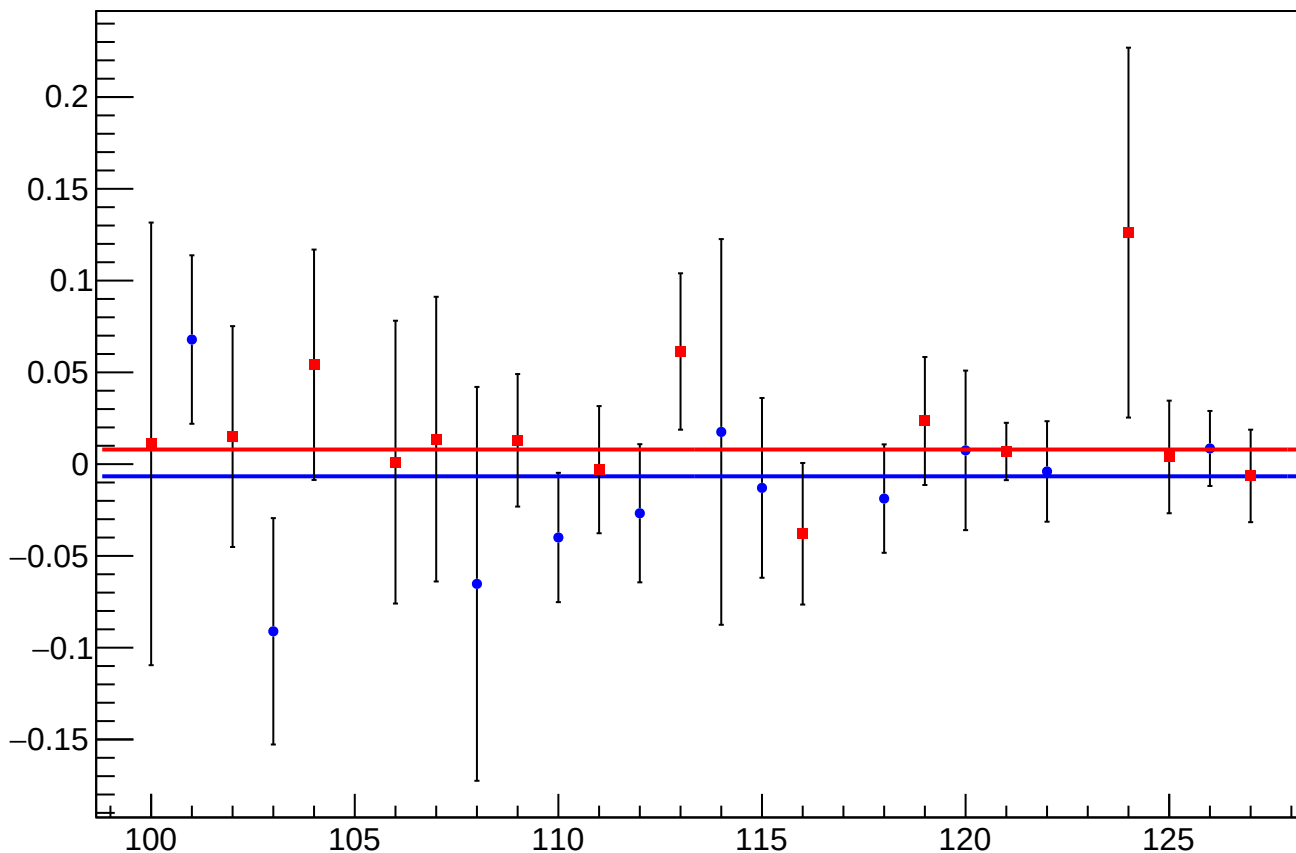
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 662018.0/24

- 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: -0.007 $\pm$ 0.011 χ^2 /NDF: 6.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.008 $\pm$ 0.009 χ^2 /NDF: 5.6/13

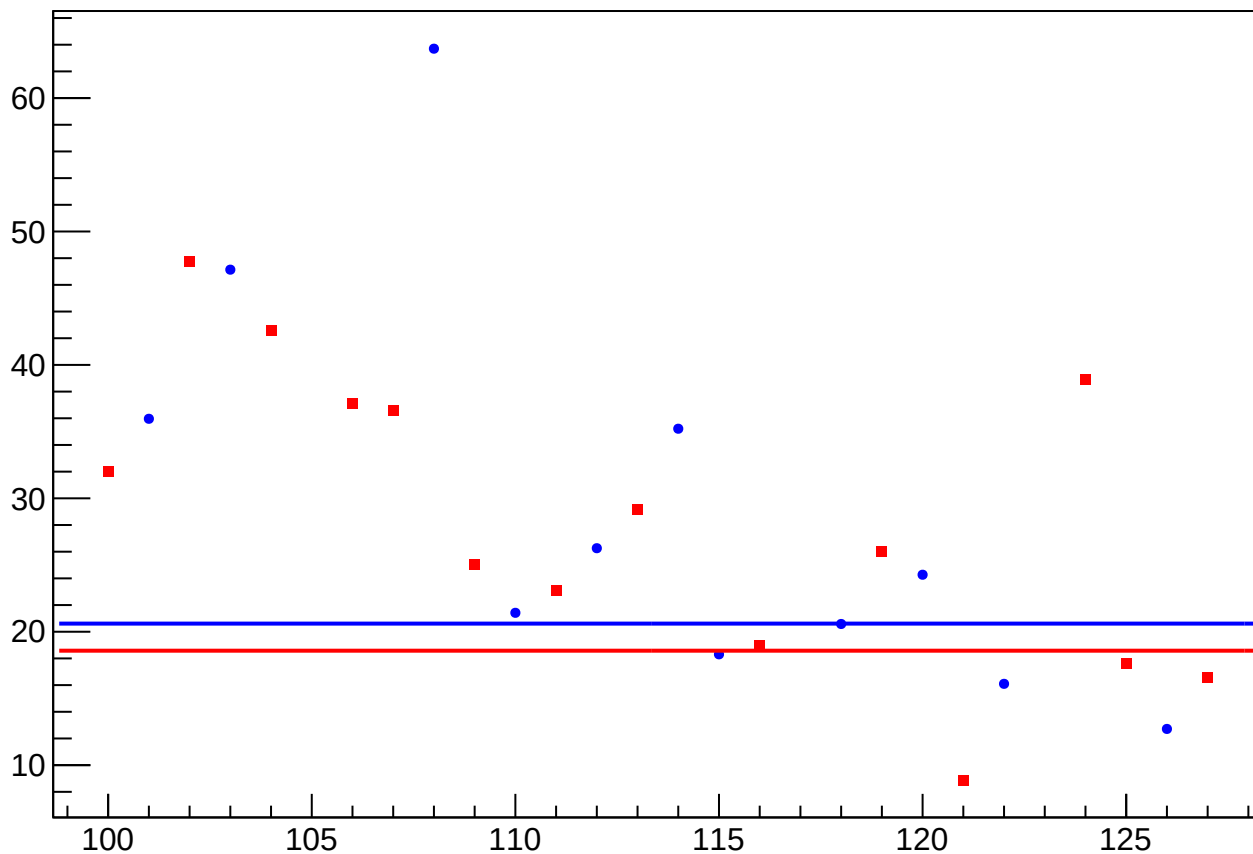
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.007 χ^2 /NDF: 13.5/24

- 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: 20.610+/-0.008 χ^2/NDF : 1372657.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.579+/-0.007 χ^2/NDF : 2196413.2/13

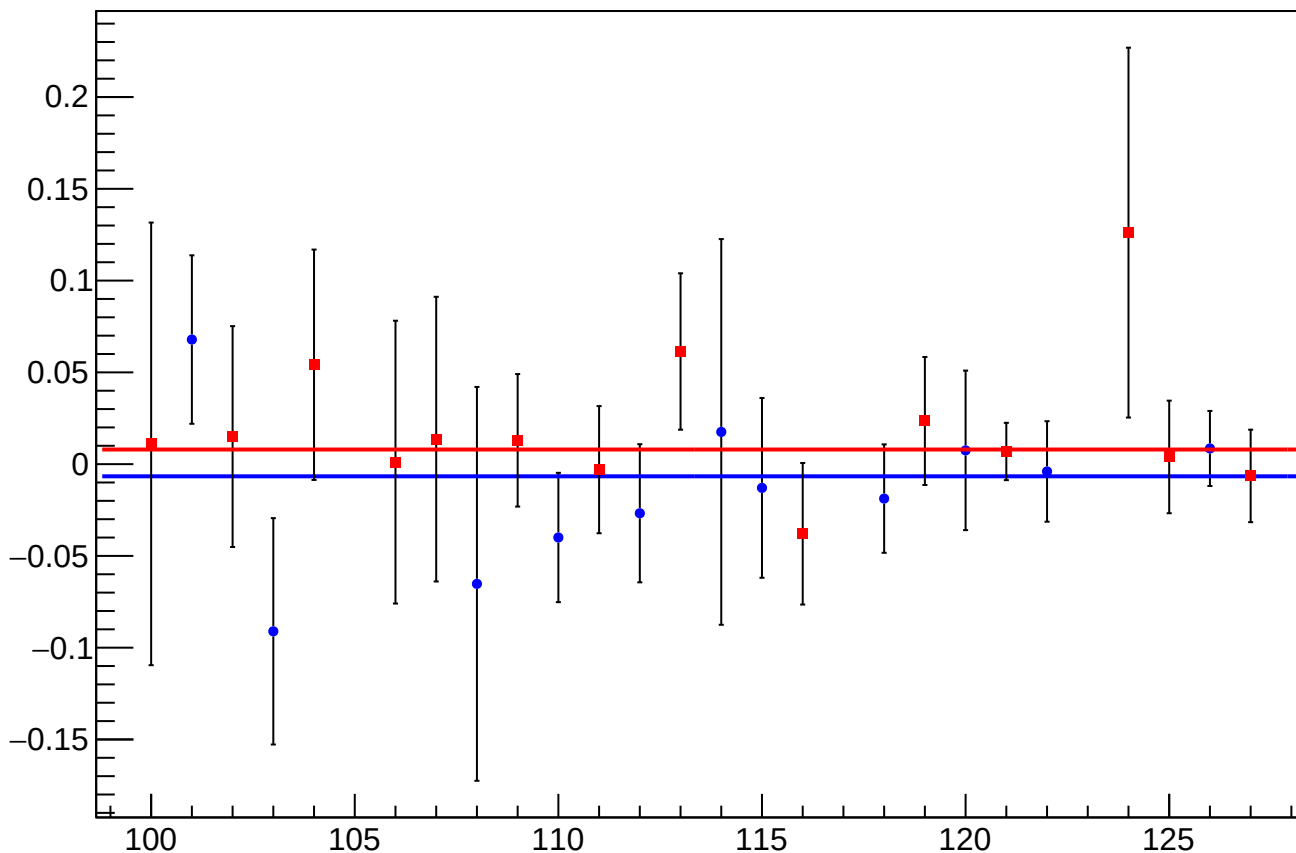
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.431+/-0.005 χ^2/NDF : 3608548.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.007 $\pm$ 0.011 χ^2 /NDF: 6.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.008 $\pm$ 0.009 χ^2 /NDF: 5.6/13

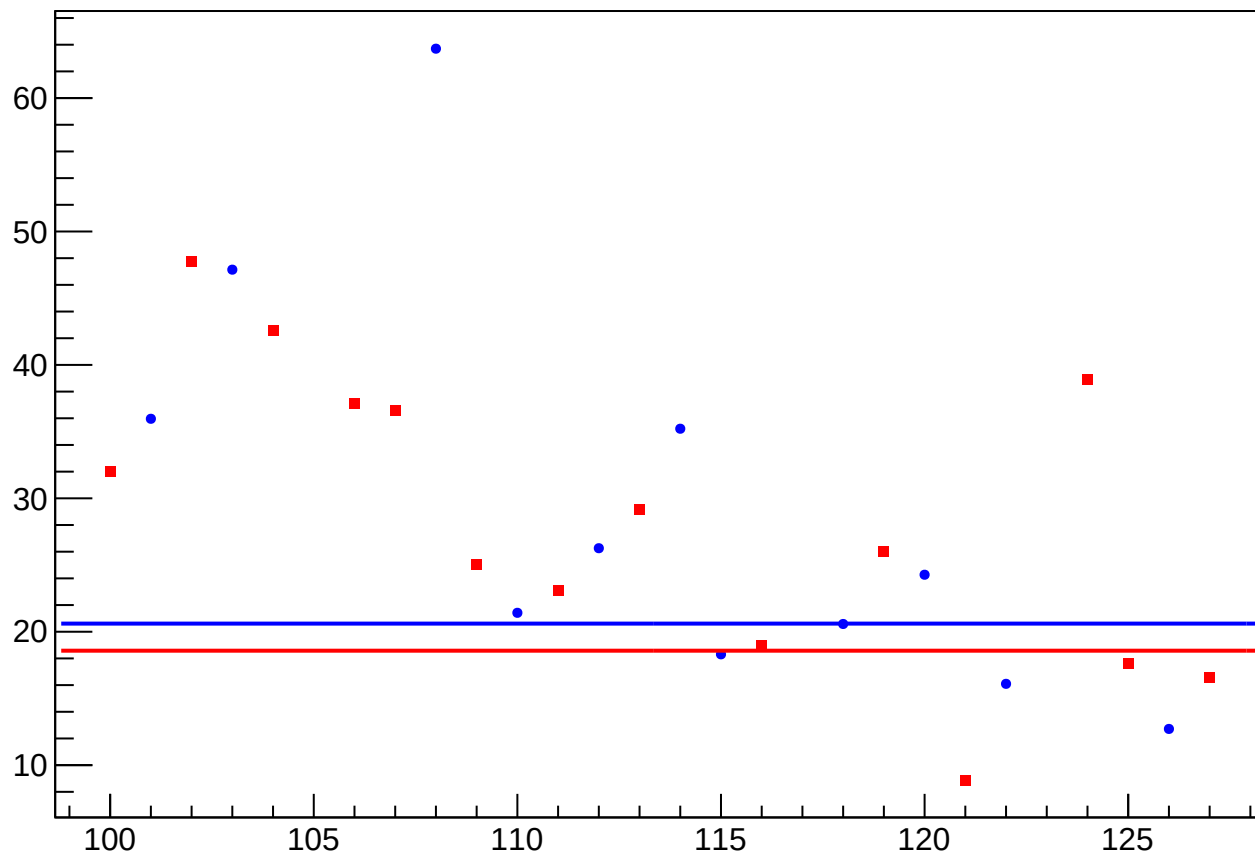
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.007 χ^2 /NDF: 13.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 20.610 $\pm$ 0.008 χ^2 /NDF: 1372657.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 18.579 $\pm$ 0.007 χ^2 /NDF: 2196413.2/13

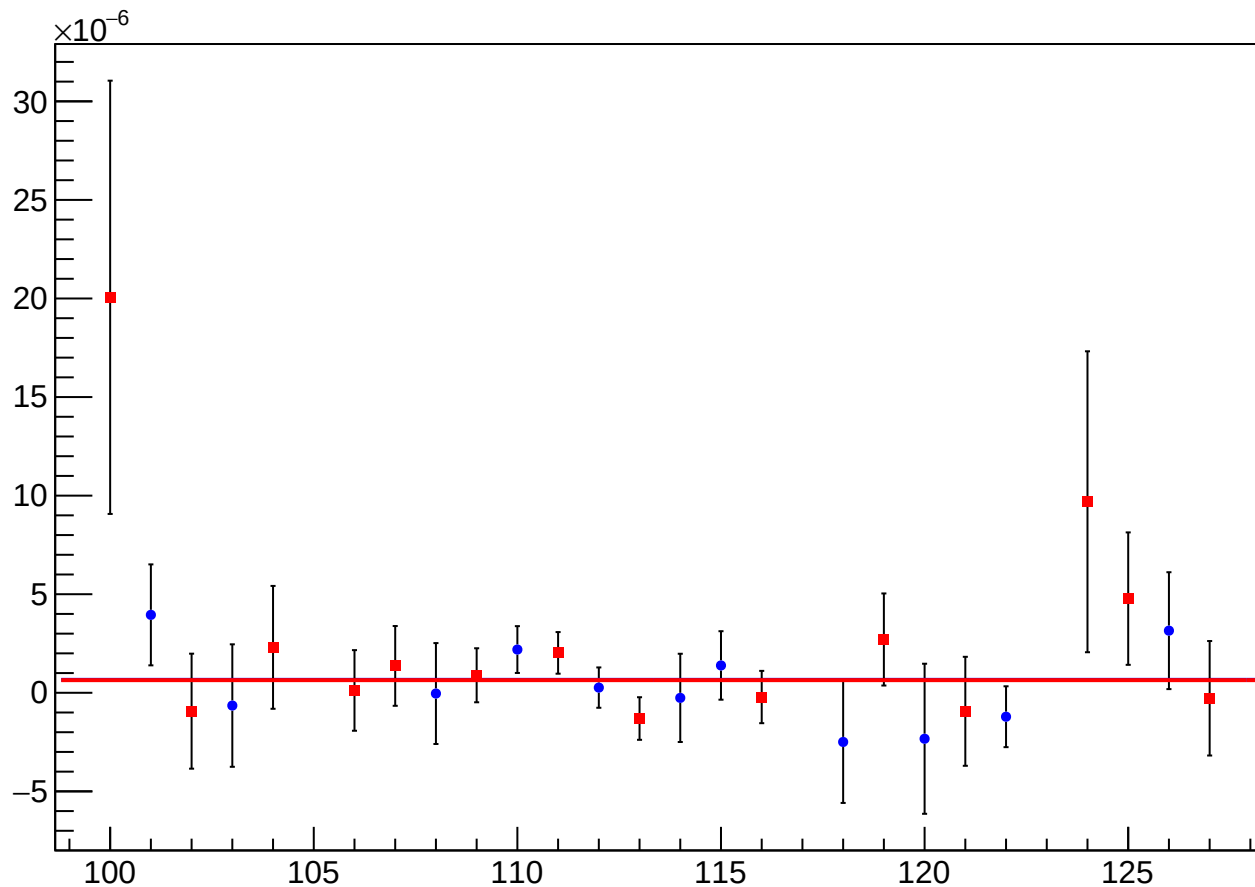
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.431 $\pm$ 0.005 χ^2 /NDF: 3608548.0/24

- 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+/-0.000 χ^2/NDF : 7.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.4/13

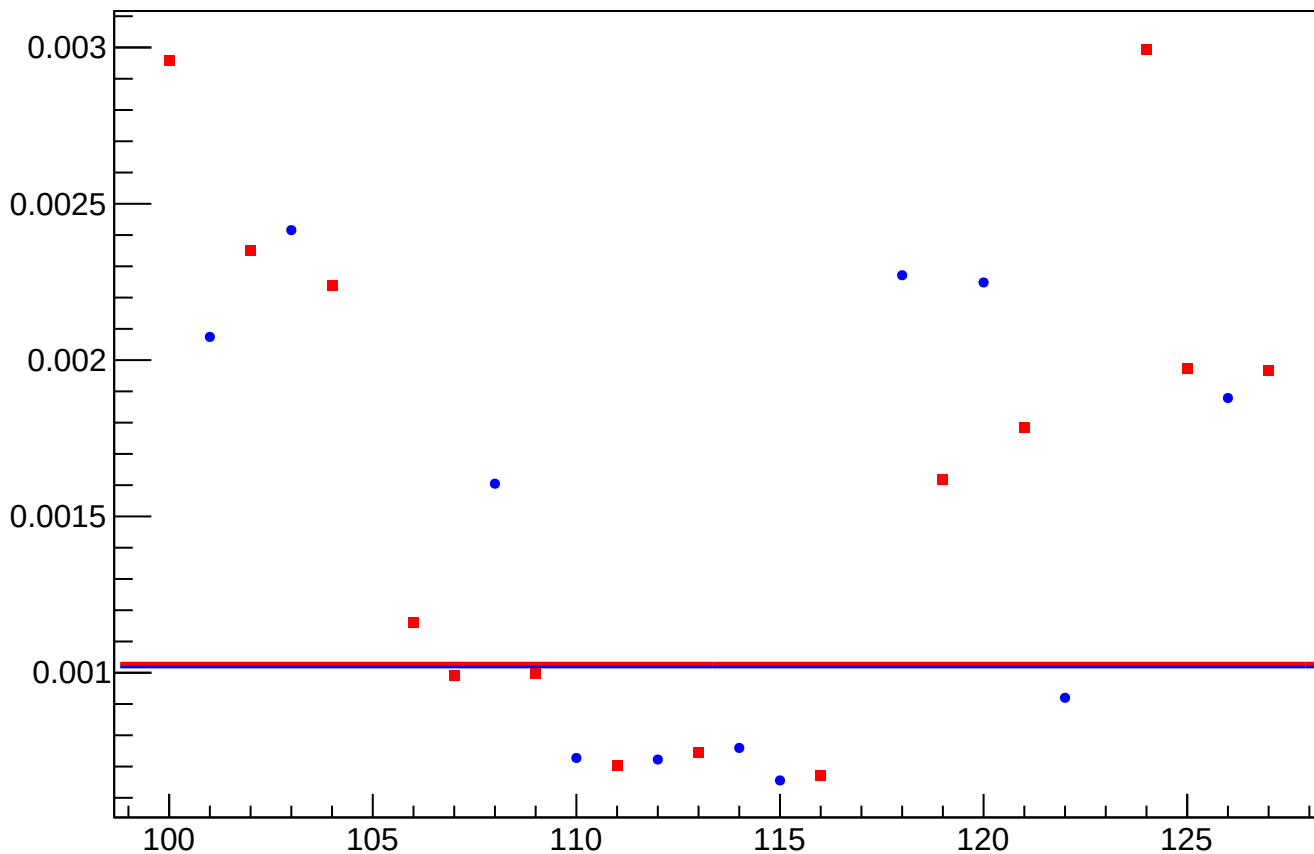
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.3/24

- sign 0.000+/-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 : 1964862.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2029333.0/13

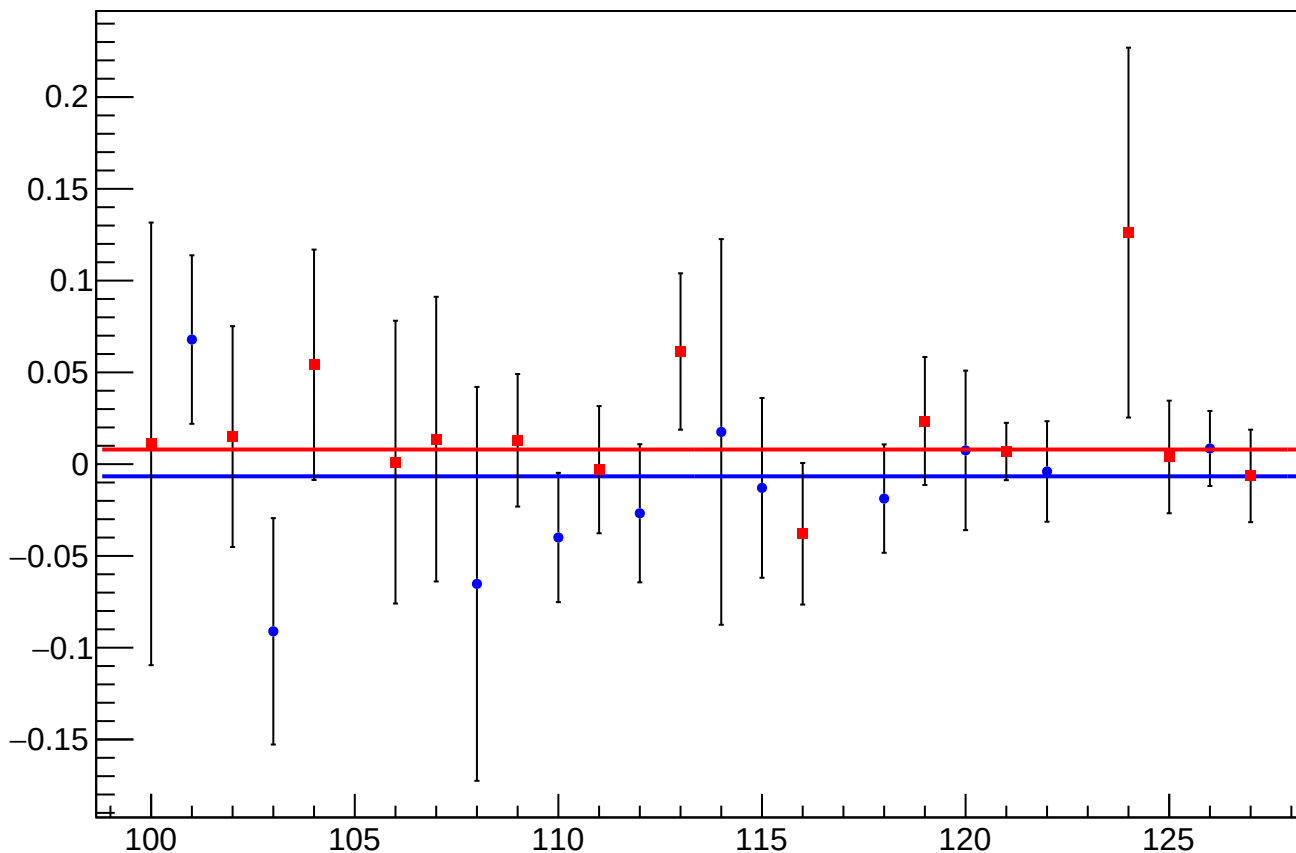
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3994456.6/24

- 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: -0.007 $\pm$ 0.011 χ^2 /NDF: 6.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.008 $\pm$ 0.009 χ^2 /NDF: 5.6/13

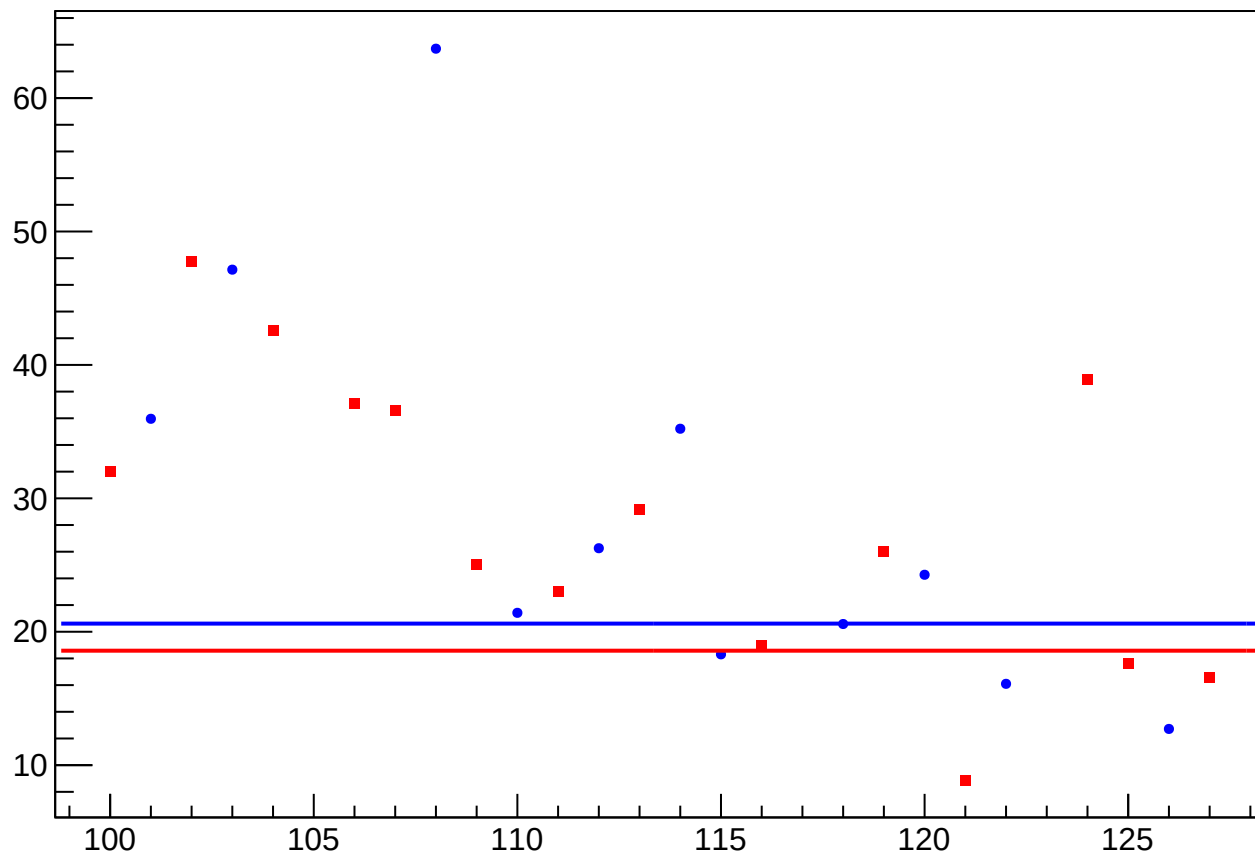
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.007 χ^2 /NDF: 13.5/24

- 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: 20.611+/-0.008 χ^2/NDF : 1372514.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.580+/-0.007 χ^2/NDF : 2196114.8/13

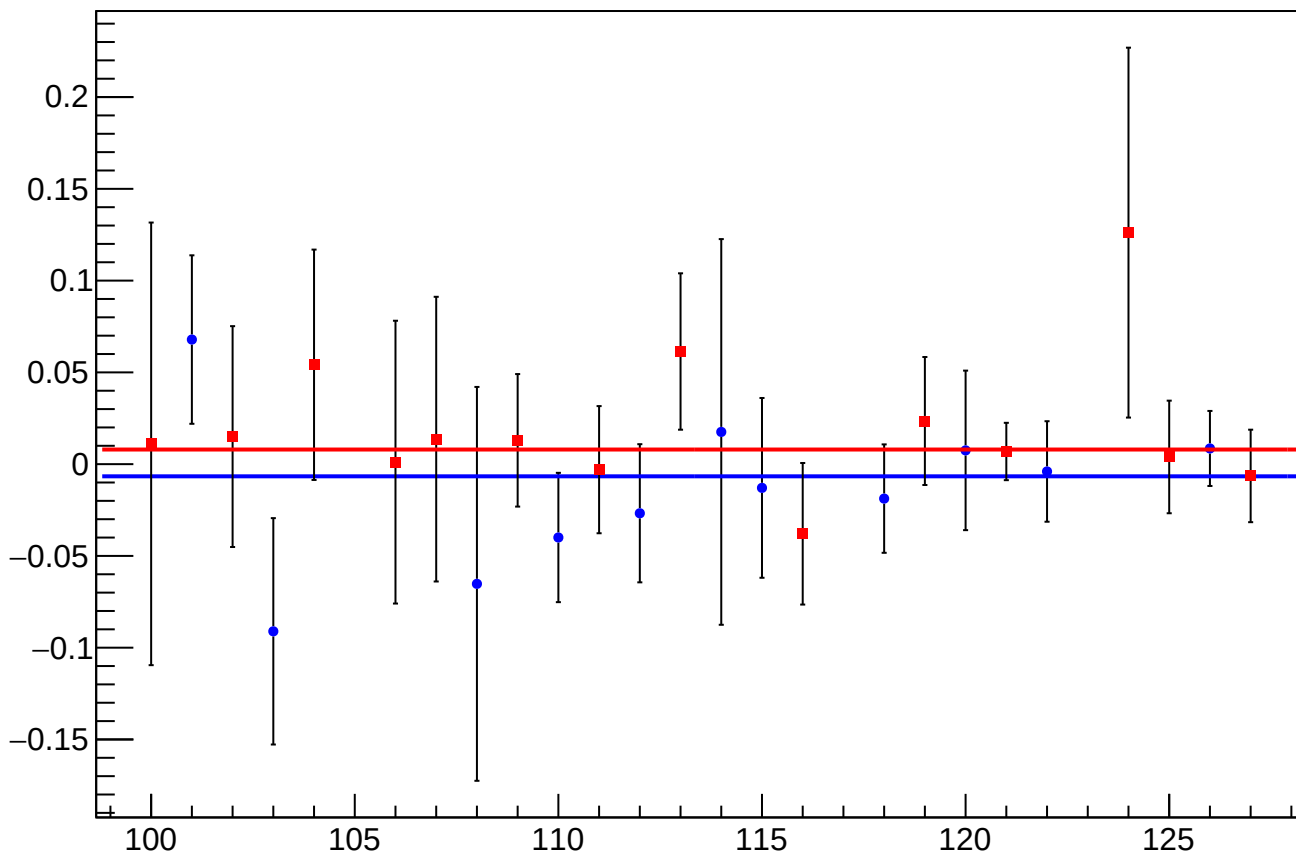
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.432+/-0.005 χ^2/NDF : 3608094.6/24

- 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: -0.007 $\pm$ 0.011 χ^2 /NDF: 6.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.008 $\pm$ 0.009 χ^2 /NDF: 5.6/13

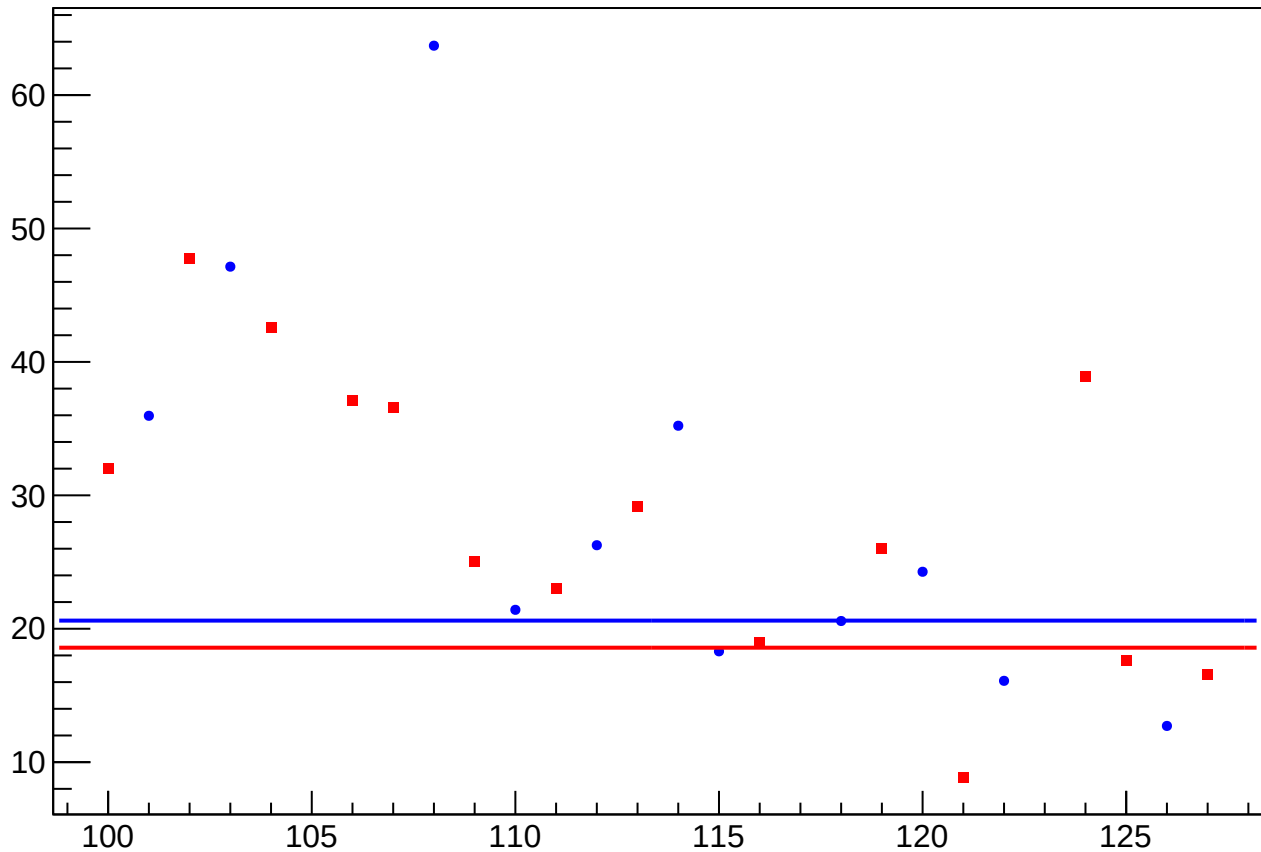
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.007 χ^2 /NDF: 13.5/24

- 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: 20.611+/-0.008 χ^2/NDF : 1372514.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.580+/-0.007 χ^2/NDF : 2196114.8/13

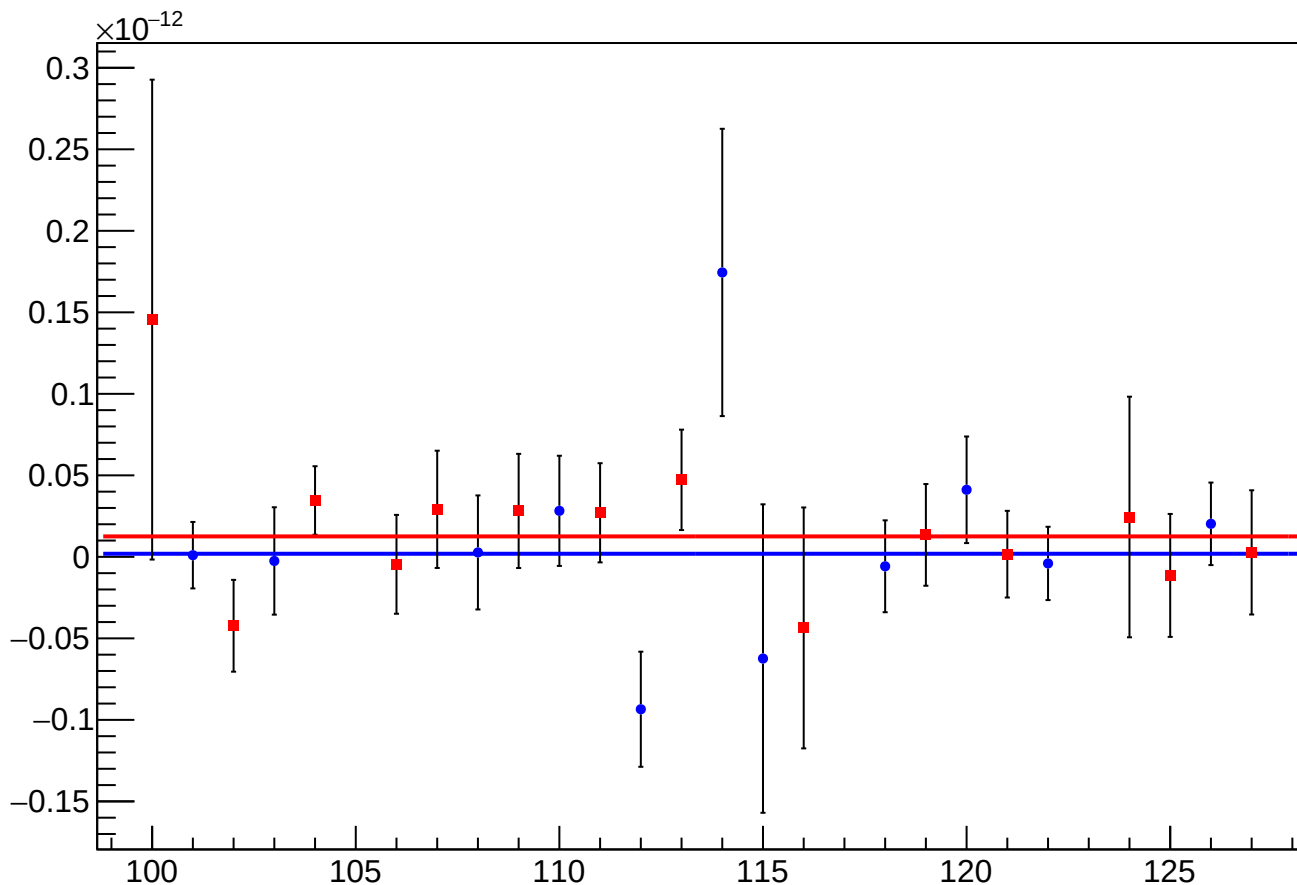
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.432+/-0.005 χ^2/NDF : 3608094.6/24

- sign 0.000+/-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: 14.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.2/13

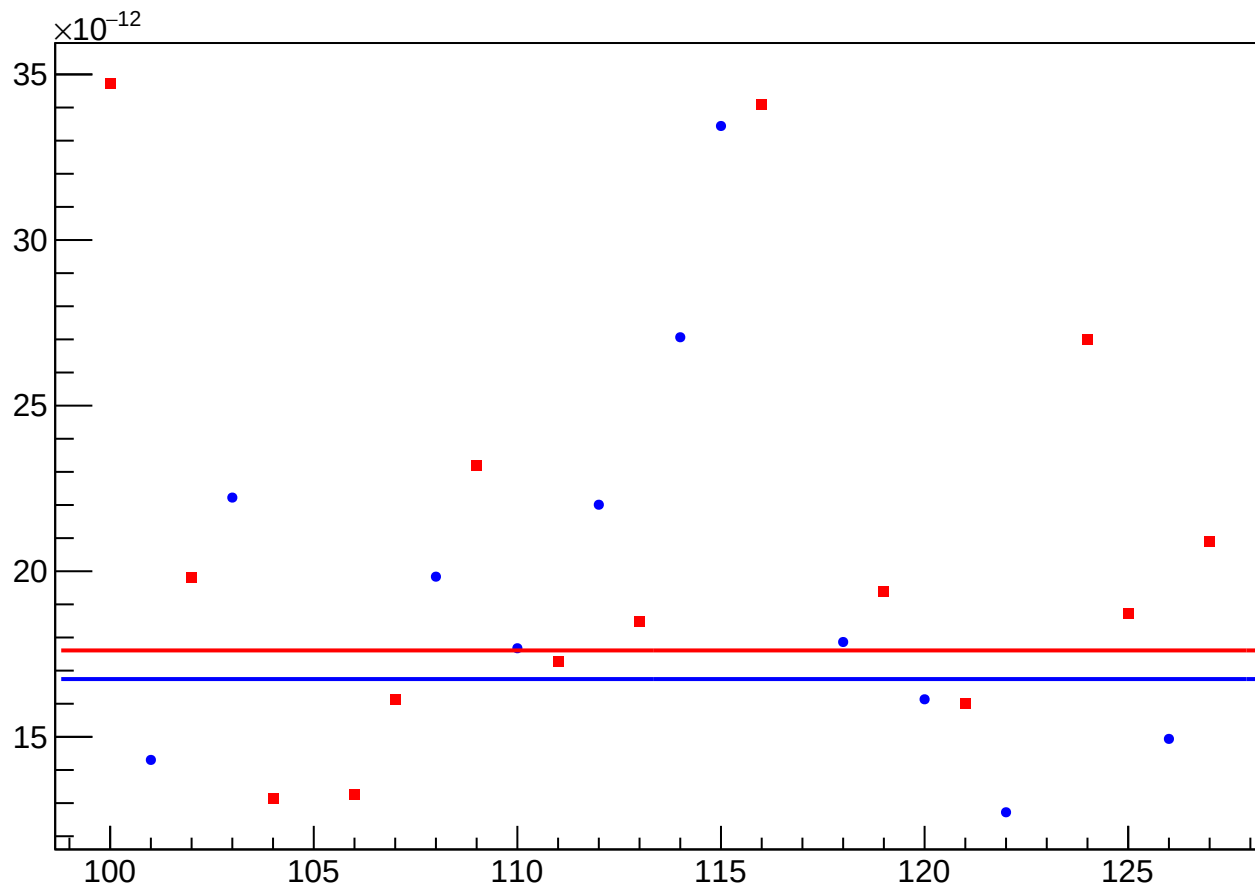
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 24.2/24

- 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 : 313375.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 389557.9/13

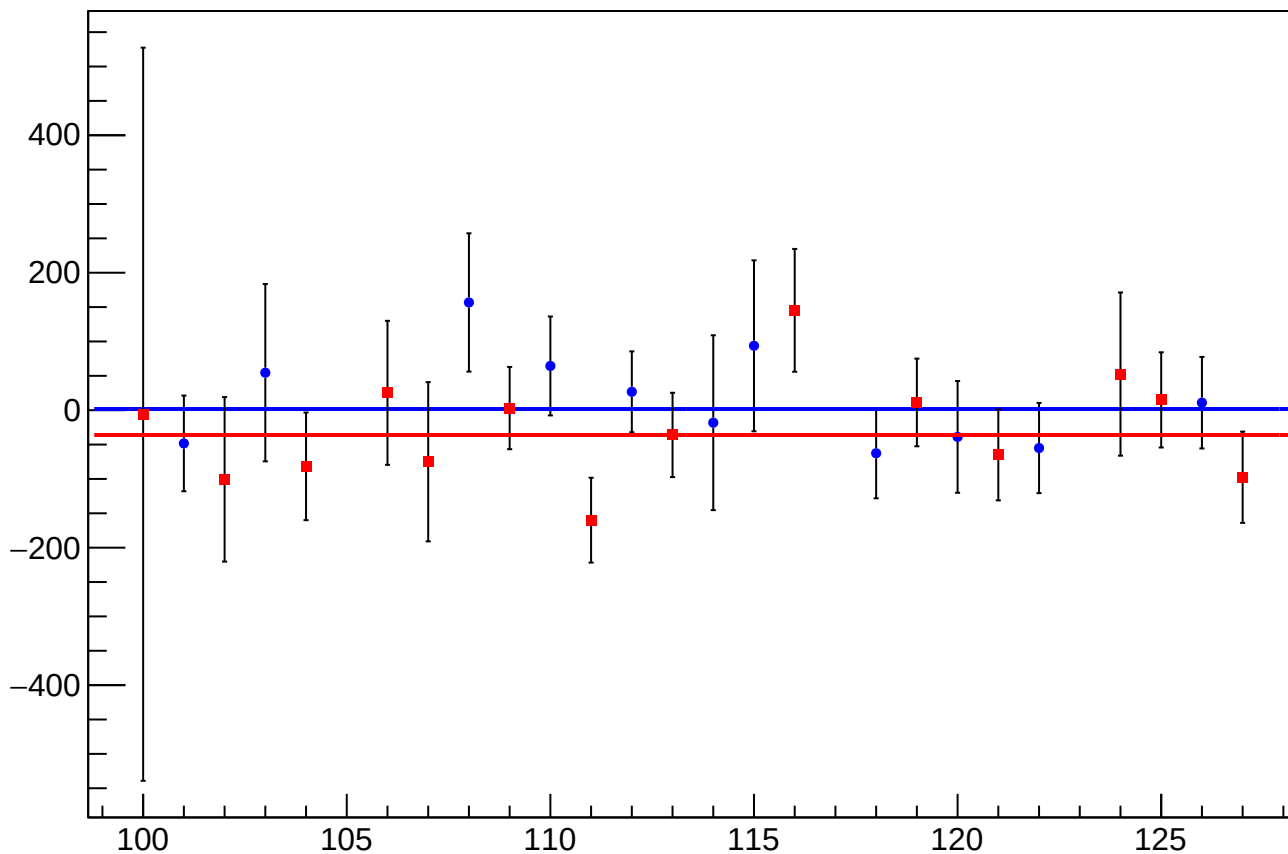
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 712036.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_37_dd_mean vs Slug



Right In: 1.723+/-23.468 χ^2/NDF : 6.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.063+/-20.780 χ^2/NDF : 12.4/13

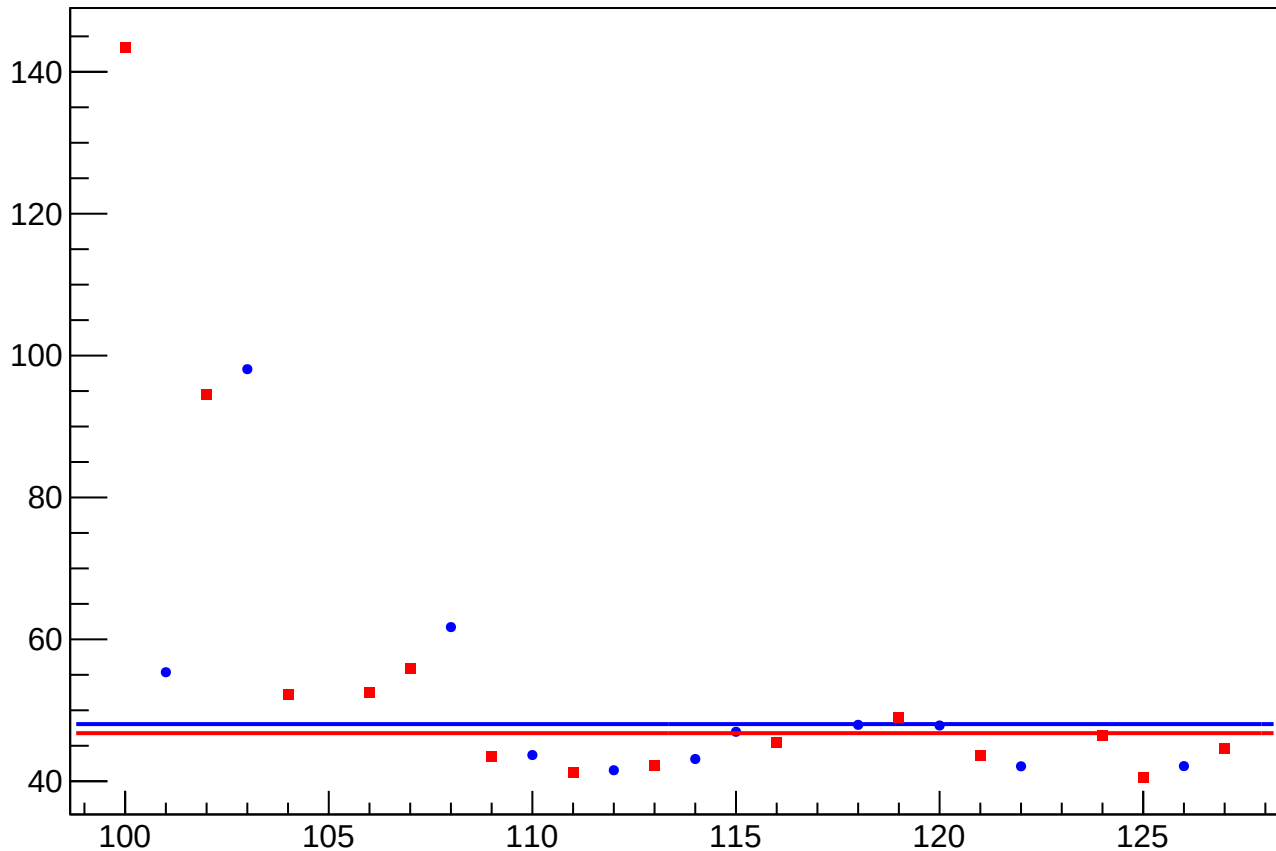
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.457+/-15.558 χ^2/NDF : 20.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_37_dd_rms vs Slug



Right In: 48.055+/-0.017 χ^2/NDF : 427226.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.776+/-0.015 χ^2/NDF : 471981.7/13

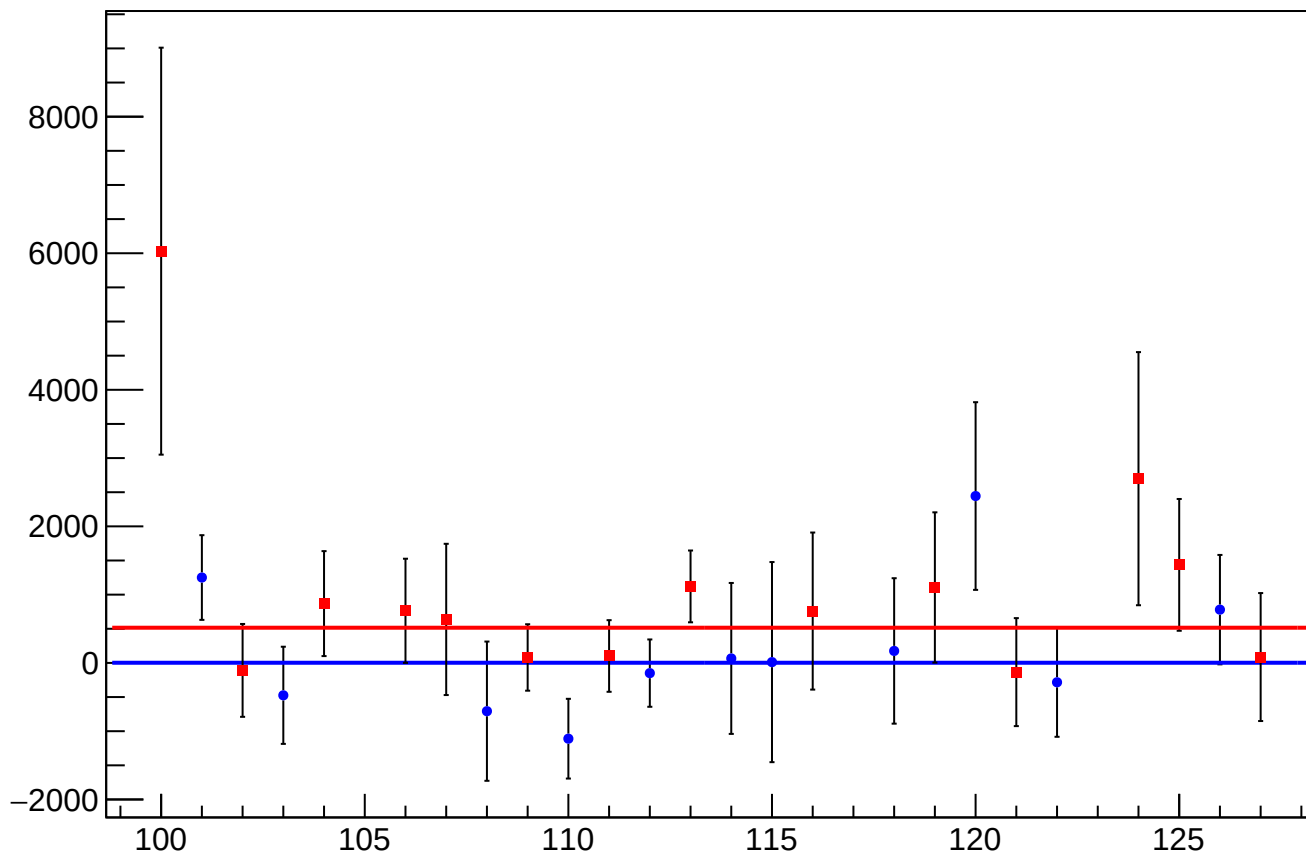
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.339+/-0.011 χ^2/NDF : 902538.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_reg_correction_mean vs Slug



Right In: 2.445 $\pm$ 233.109 χ^2 /NDF: 13.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 515.502 $\pm$ 205.575 χ^2 /NDF: 10.9/13

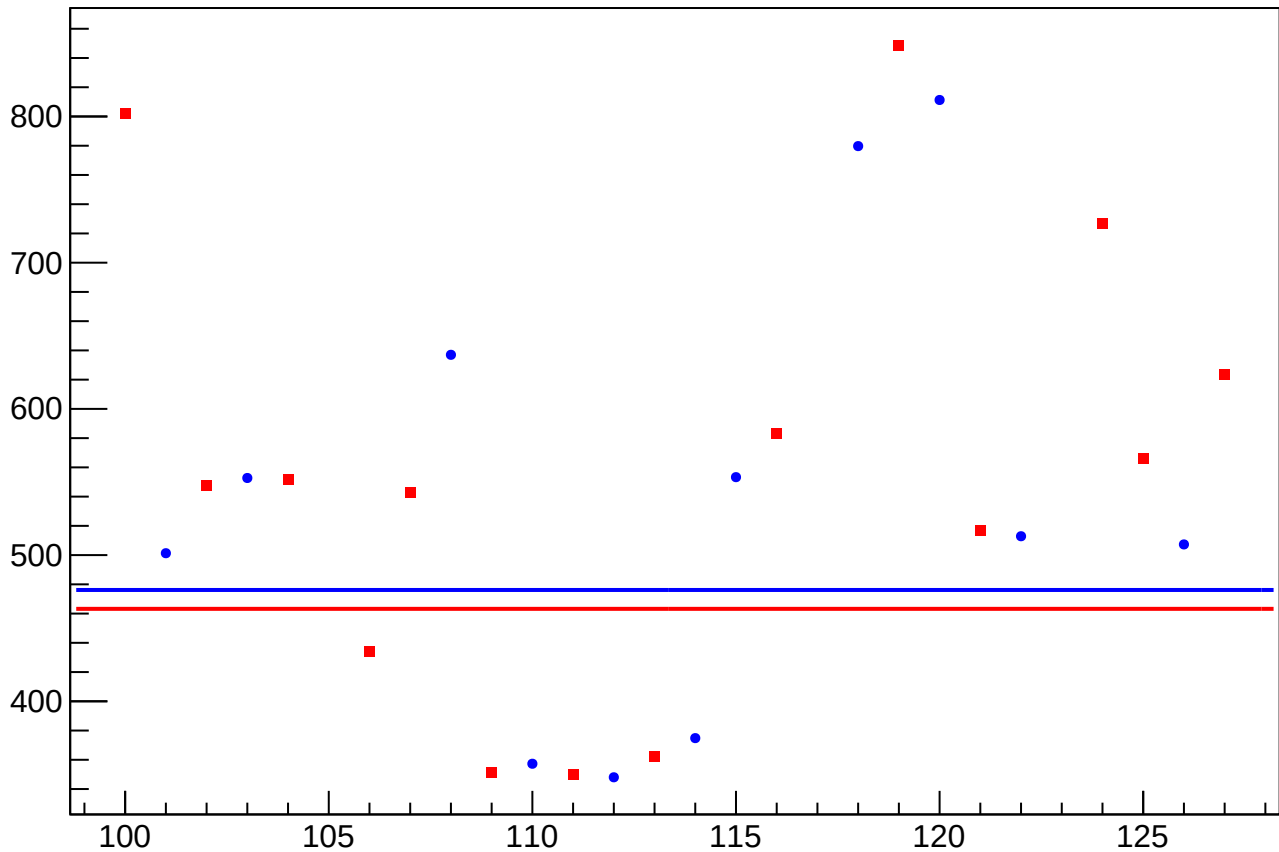
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 291.049 $\pm$ 154.184 χ^2 /NDF: 26.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_reg_correction_rms vs Slug



Right In: 476.146 $\pm$ 0.165 χ^2 /NDF: 605157.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 463.238 $\pm$ 0.145 χ^2 /NDF: 766280.6/13

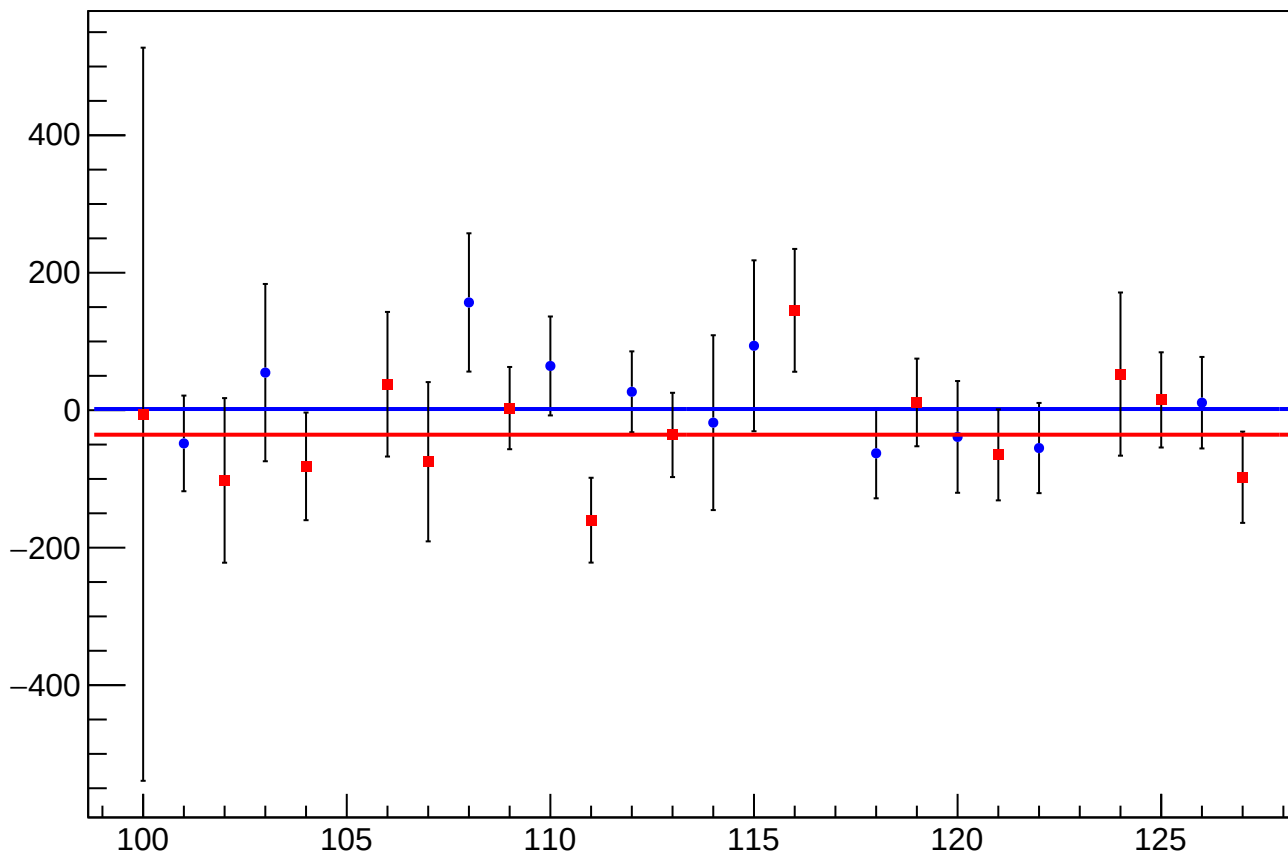
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 468.885 $\pm$ 0.109 χ^2 /NDF: 1374887.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_15_37_dd_mean vs Slug



Right In: 1.731+/-23.468 χ^2/NDF : 6.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -35.644+/-20.784 χ^2/NDF : 12.5/13

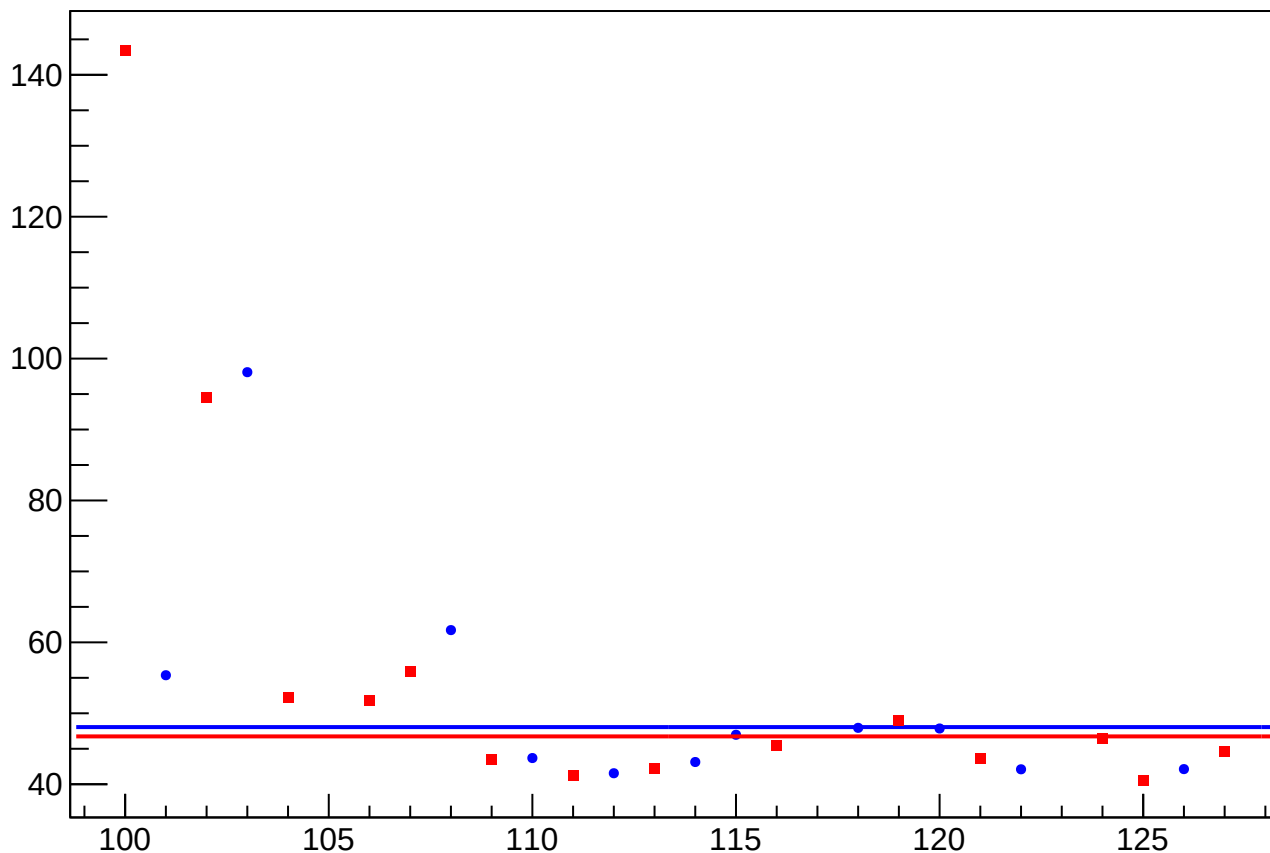
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.214+/-15.559 χ^2/NDF : 20.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_37_dd_rms vs Slug



Right In: 48.055+/-0.017 χ^2/NDF : 427229.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.742+/-0.015 χ^2/NDF : 470586.9/13

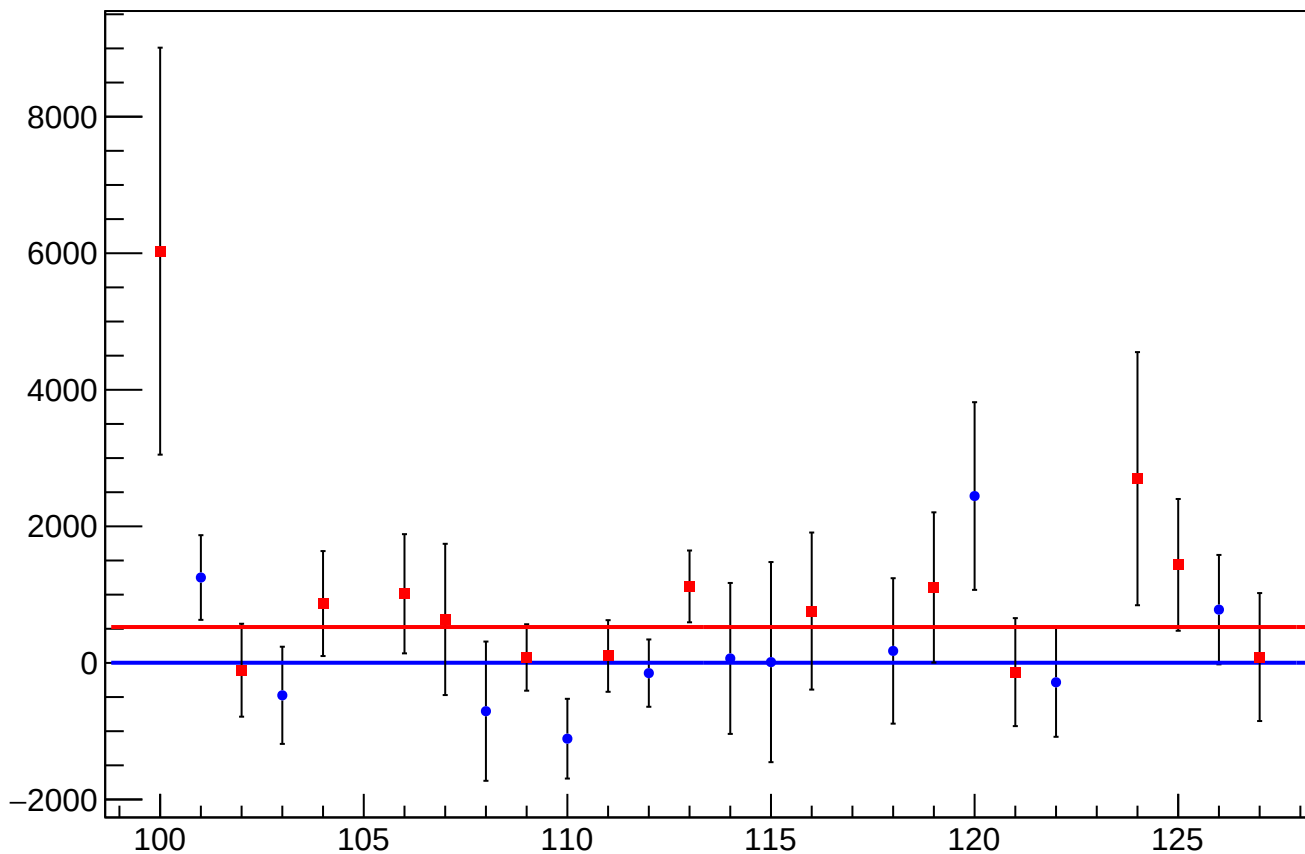
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.320+/-0.011 χ^2/NDF : 901325.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_cor_correction_mean vs Slug



Right In: 2.448 $\pm$ 233.111 χ^2 /NDF: 13.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 525.614 $\pm$ 207.378 χ^2 /NDF: 11.1/13

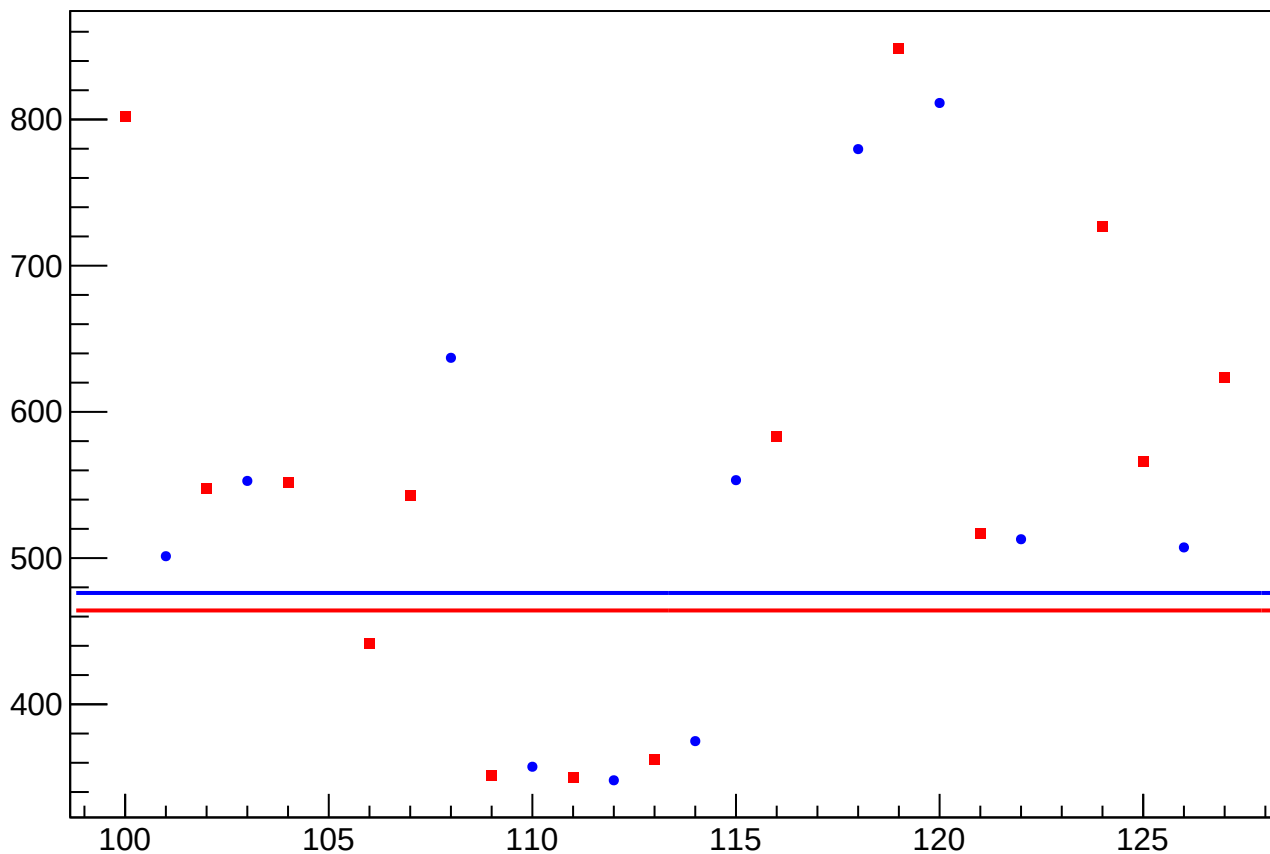
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 294.490 $\pm$ 154.941 χ^2 /NDF: 26.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_cor_correction_rms vs Slug



Right In: 476.150+/-0.165 χ^2/NDF : 605187.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 464.185+/-0.147 χ^2/NDF : 764822.9/13

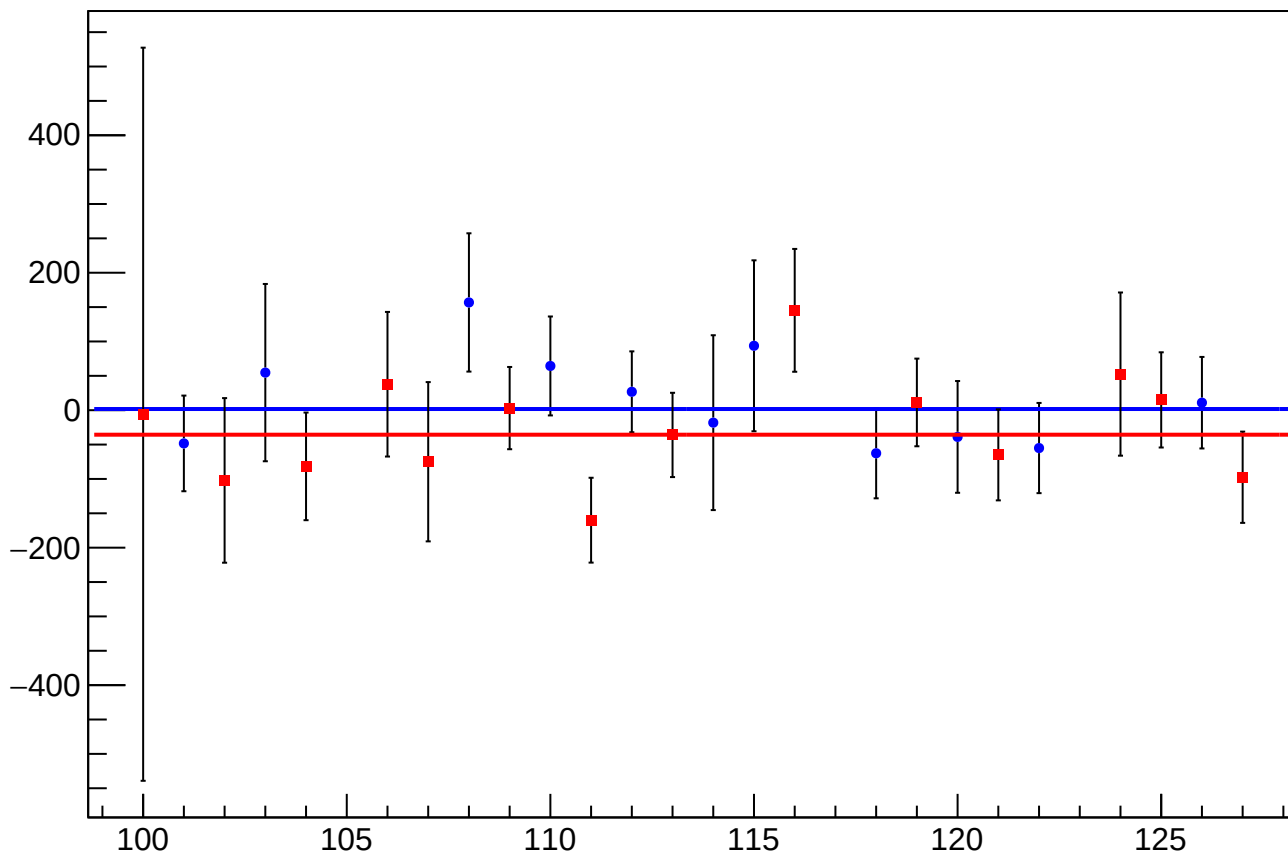
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 469.471+/-0.110 χ^2/NDF : 1372951.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_37_dd_mean vs Slug



Right In: 1.731+/-23.468 χ^2 /NDF: 6.6/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -35.644+/-20.784 χ^2 /NDF: 12.5/13

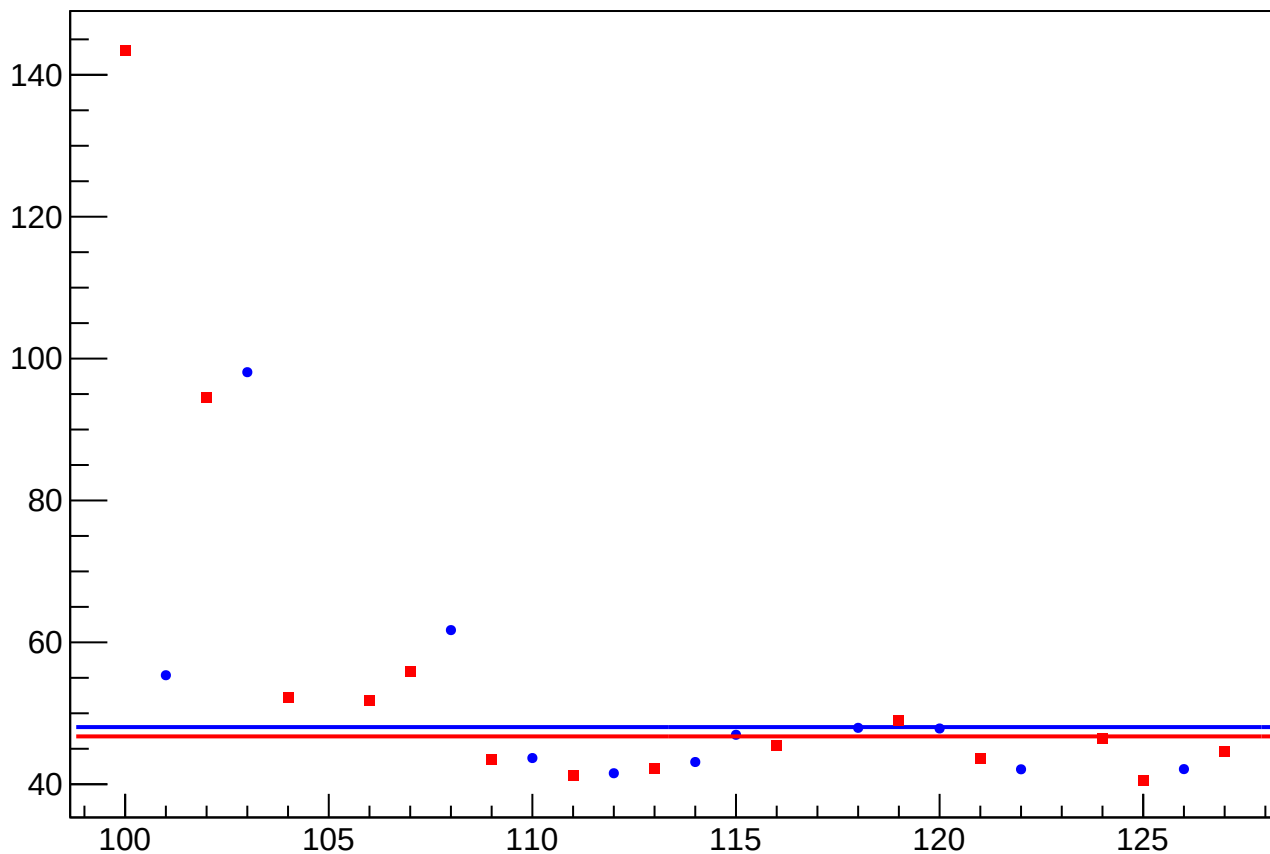
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -19.214+/-15.559 χ^2 /NDF: 20.5/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_15_37_dd_rms vs Slug



Right In: 48.055+/-0.017 χ^2/NDF : 427229.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.742+/-0.015 χ^2/NDF : 470586.9/13

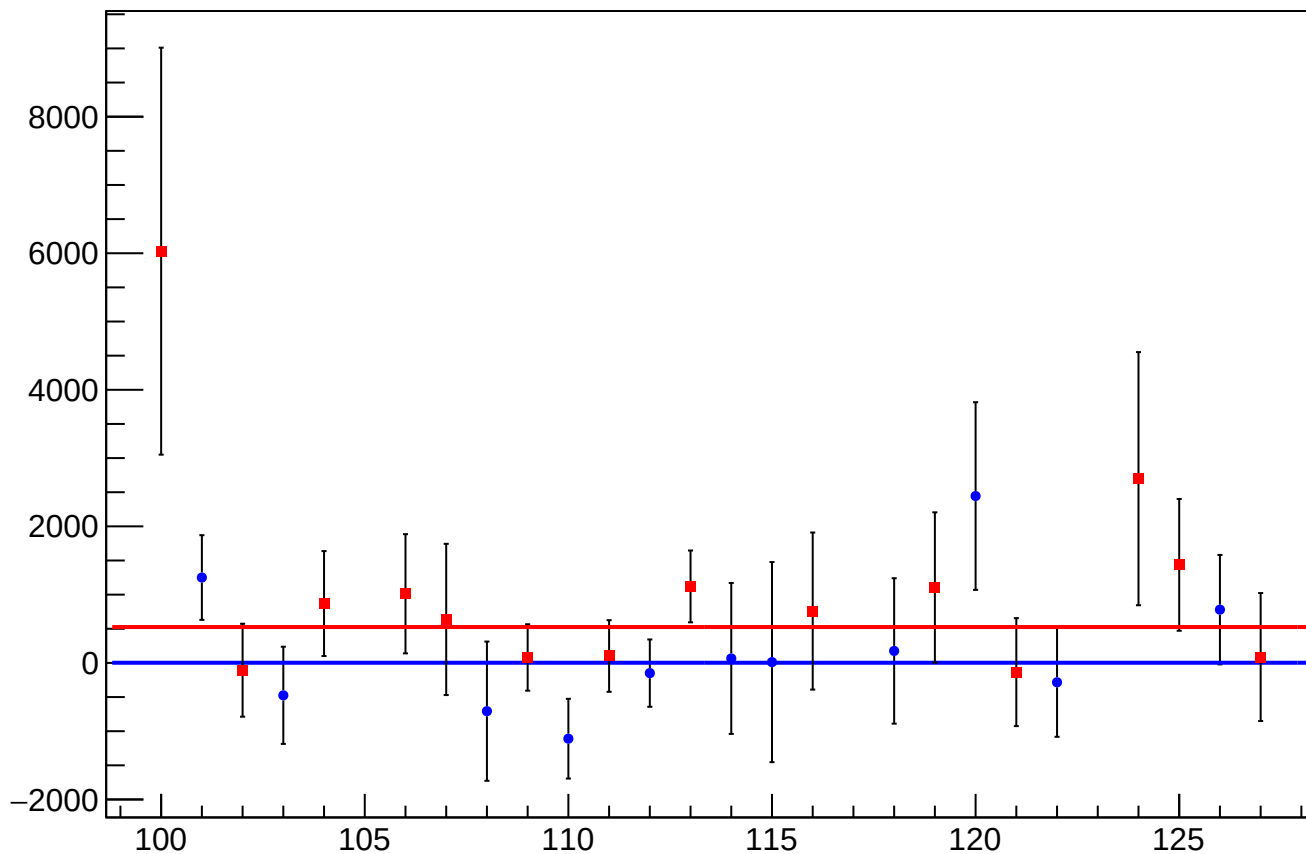
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.320+/-0.011 χ^2/NDF : 901325.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_eigen_cor_correction_mean vs Slug



Right In: 2.448+/-233.111 χ^2/NDF : 13.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 525.614+/-207.378 χ^2/NDF : 11.1/13

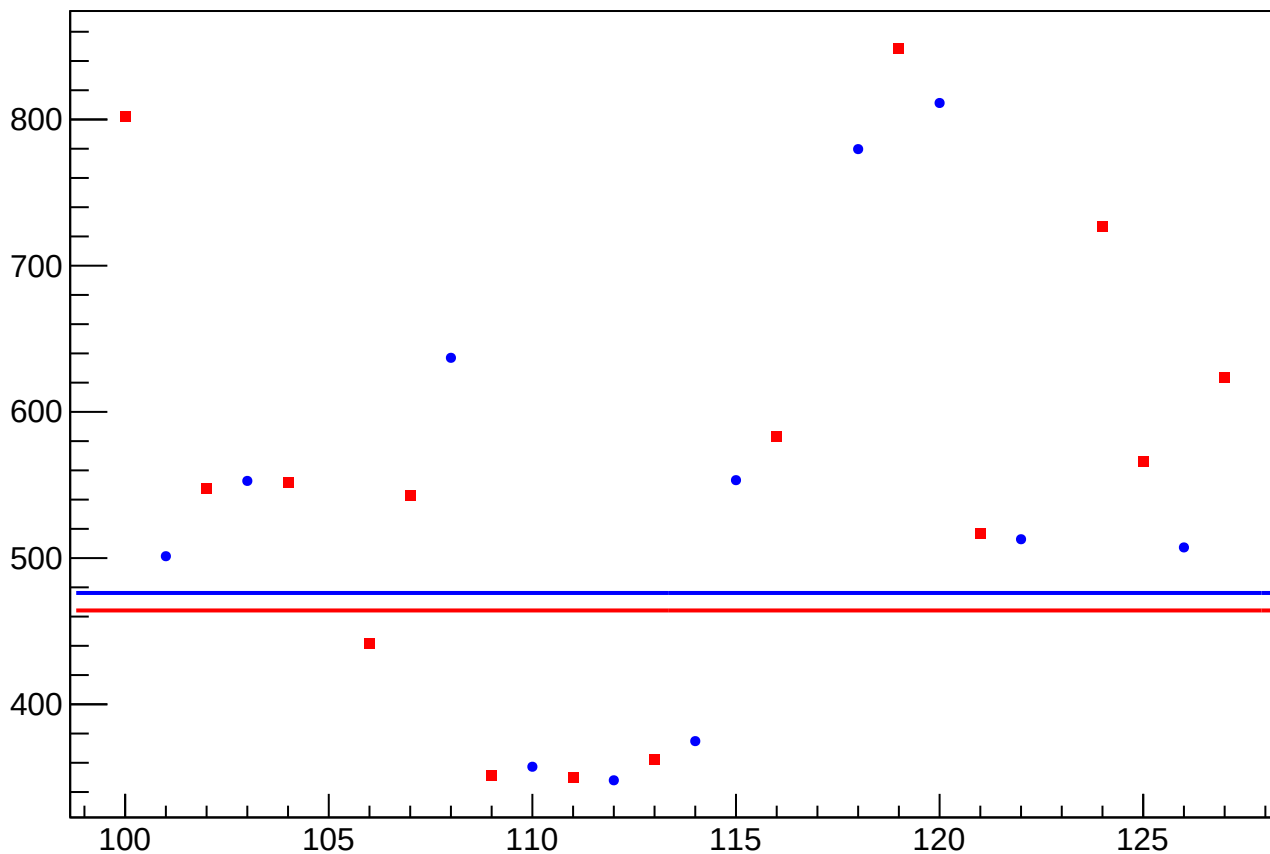
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 294.490+/-154.941 χ^2/NDF : 26.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_eigen_cor_correction_rms vs Slug



Right In: 476.150+/-0.165 χ^2/NDF : 605187.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 464.185+/-0.147 χ^2/NDF : 764822.9/13

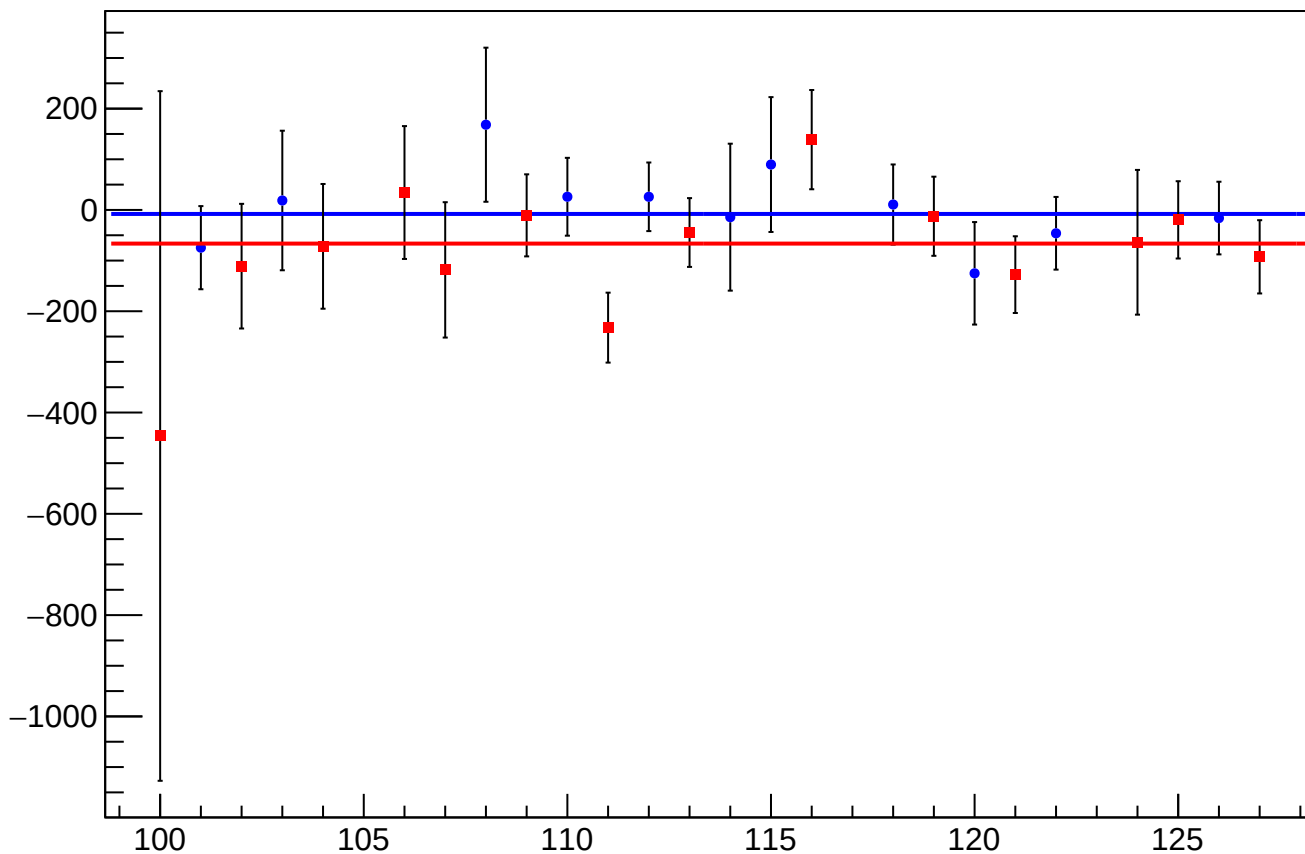
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 469.471+/-0.110 χ^2/NDF : 1372951.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_37_dd_mean vs Slug



Right In: -7.919 ± 26.902 χ^2/NDF : 4.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -66.452 ± 24.387 χ^2/NDF : 13.6/13

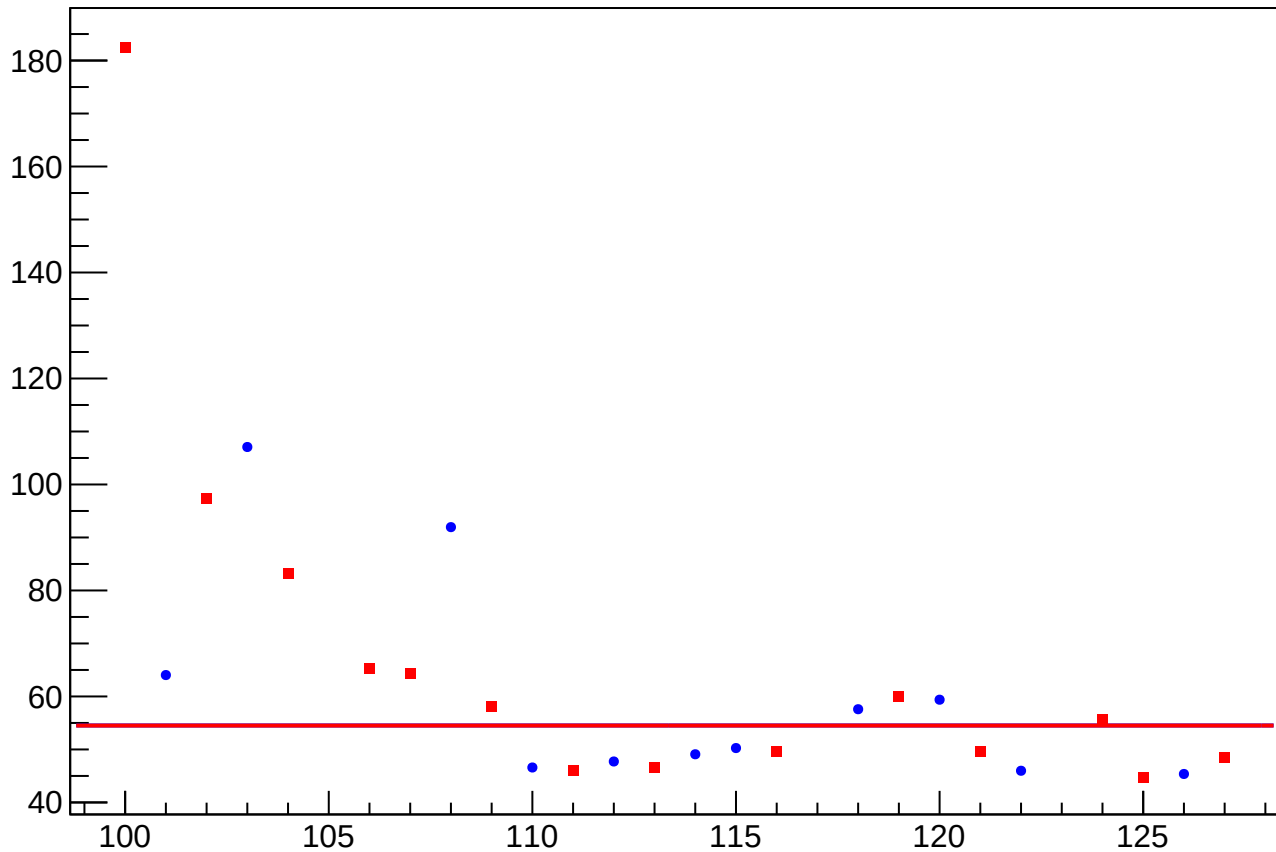
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -40.049 ± 18.068 χ^2/NDF : 20.9/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_37_dd_rms vs Slug



Right In: 54.526+/-0.019 χ^2/NDF : 553725.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.507+/-0.017 χ^2/NDF : 577388.8/13

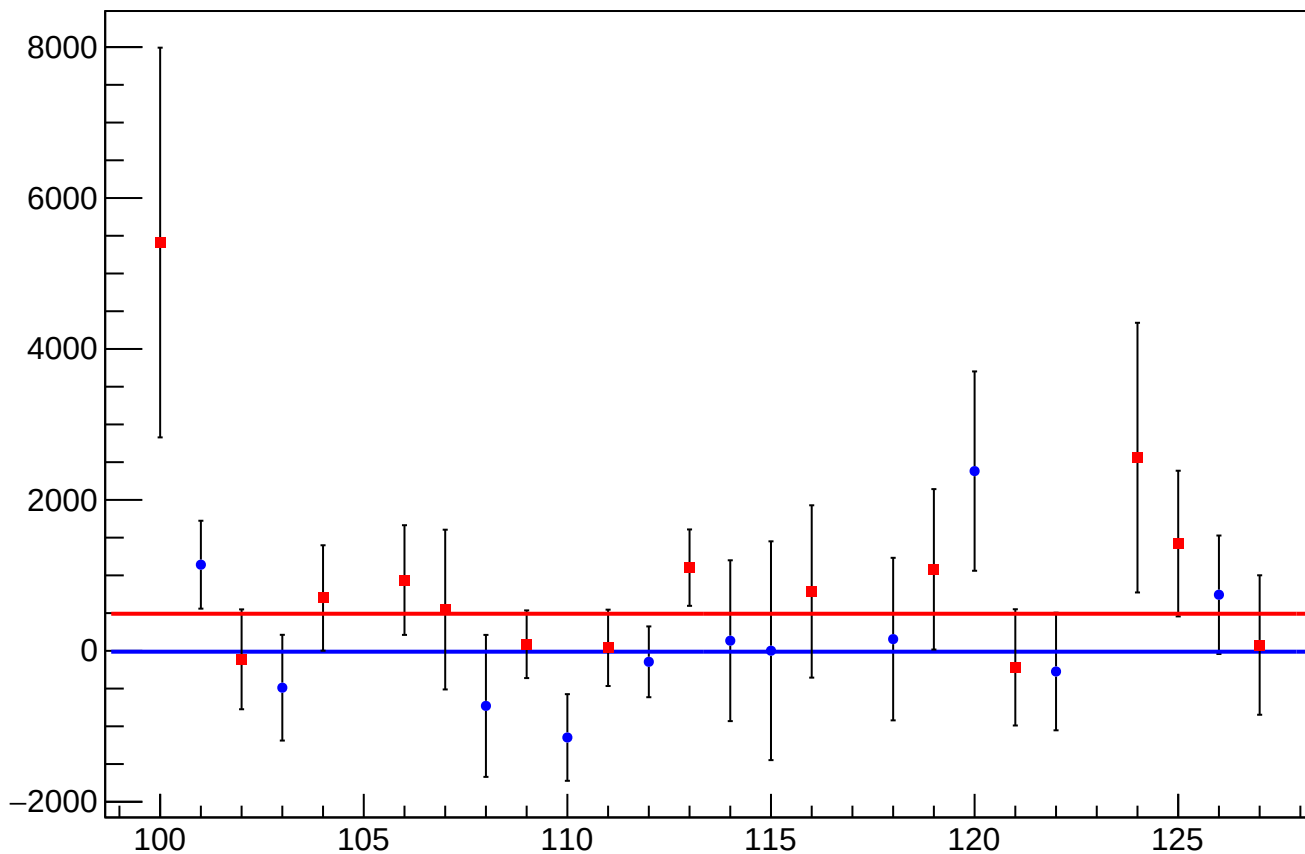
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.516+/-0.013 χ^2/NDF : 1131115.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_dit_correction_mean vs Slug



Right In: -11.302 $\pm$ 224.968 χ^2 /NDF: 13.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 491.565 $\pm$ 196.288 χ^2 /NDF: 11.7/13

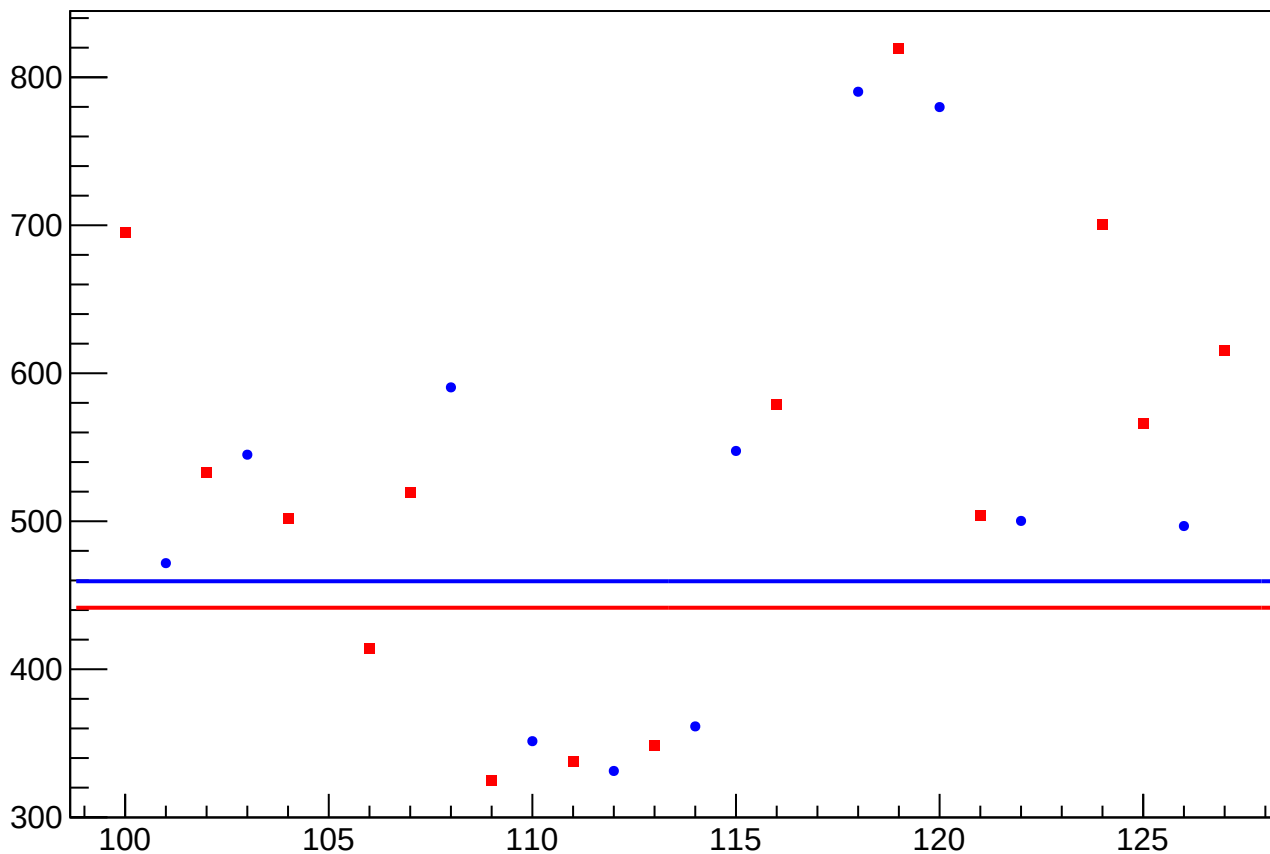
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 274.210 $\pm$ 147.904 χ^2 /NDF: 27.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_dit_correction_rms vs Slug



Right In: 459.467+/-0.159 χ^2/NDF : 630436.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 441.569+/-0.139 χ^2/NDF : 813700.7/13

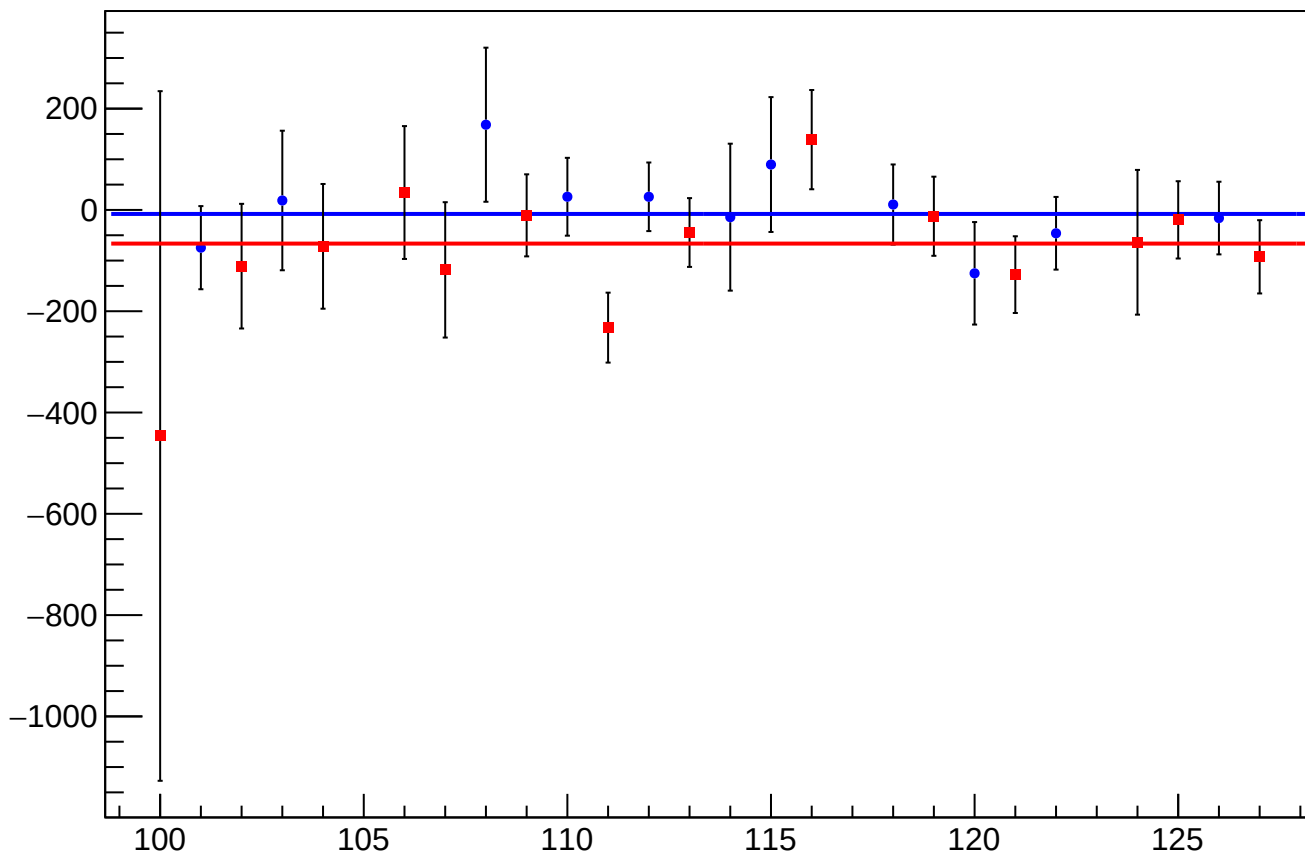
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 449.305+/-0.105 χ^2/NDF : 1451324.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_15_37_dd_mean vs Slug



Right In: -7.919±26.902 χ^2/NDF : 4.7/10

Left Out: 0.000±0.000 χ^2/NDF : 0.0/0

Right Out: -66.454±24.387 χ^2/NDF : 13.6/13

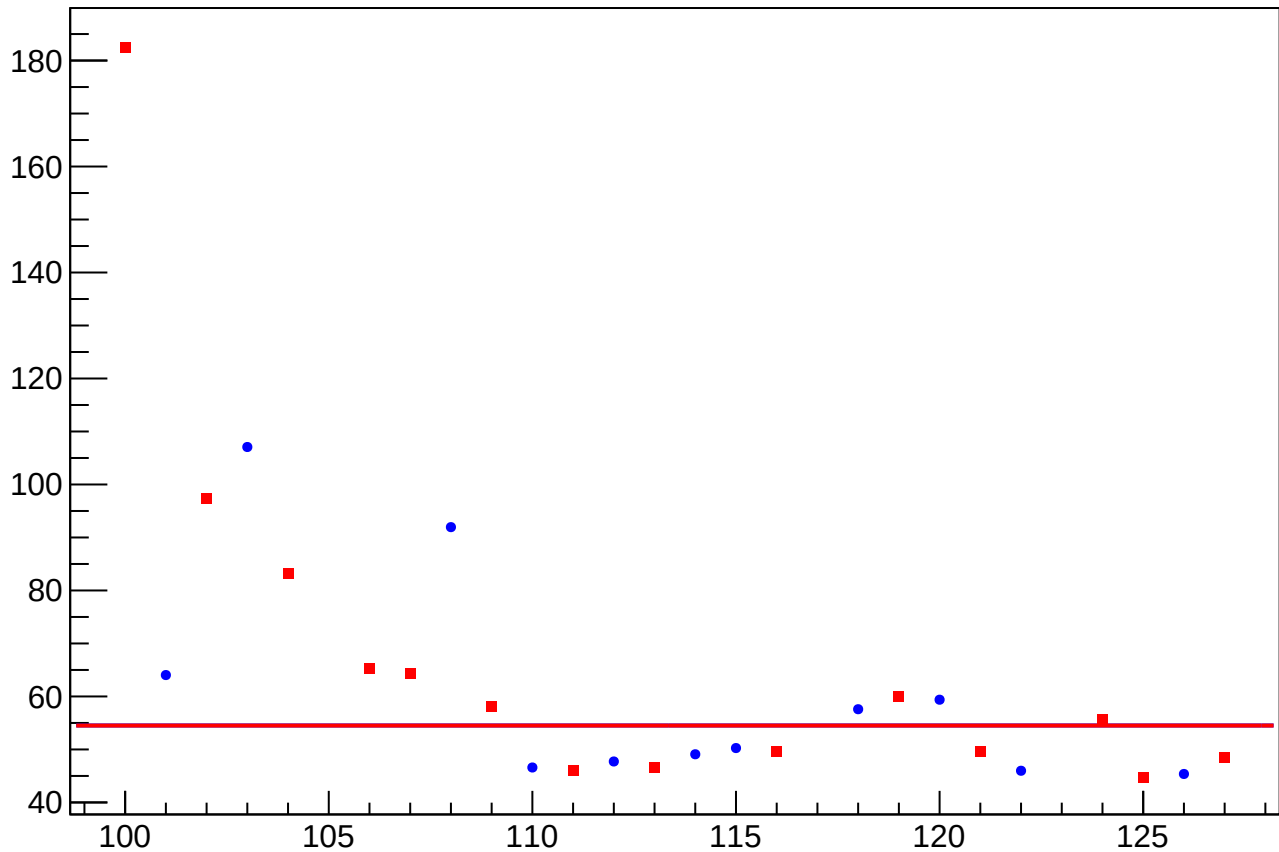
Left In: 0.000±0.000 χ^2/NDF : 0.0/0

+ sign 0.000±0.000 χ^2/NDF : 0.0/0

All: -40.050±18.068 χ^2/NDF : 20.9/24

- sign 0.000±0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_15_37_dd_rms vs Slug



Right In: 54.526+/-0.019 χ^2/NDF : 553717.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.507+/-0.017 χ^2/NDF : 577383.8/13

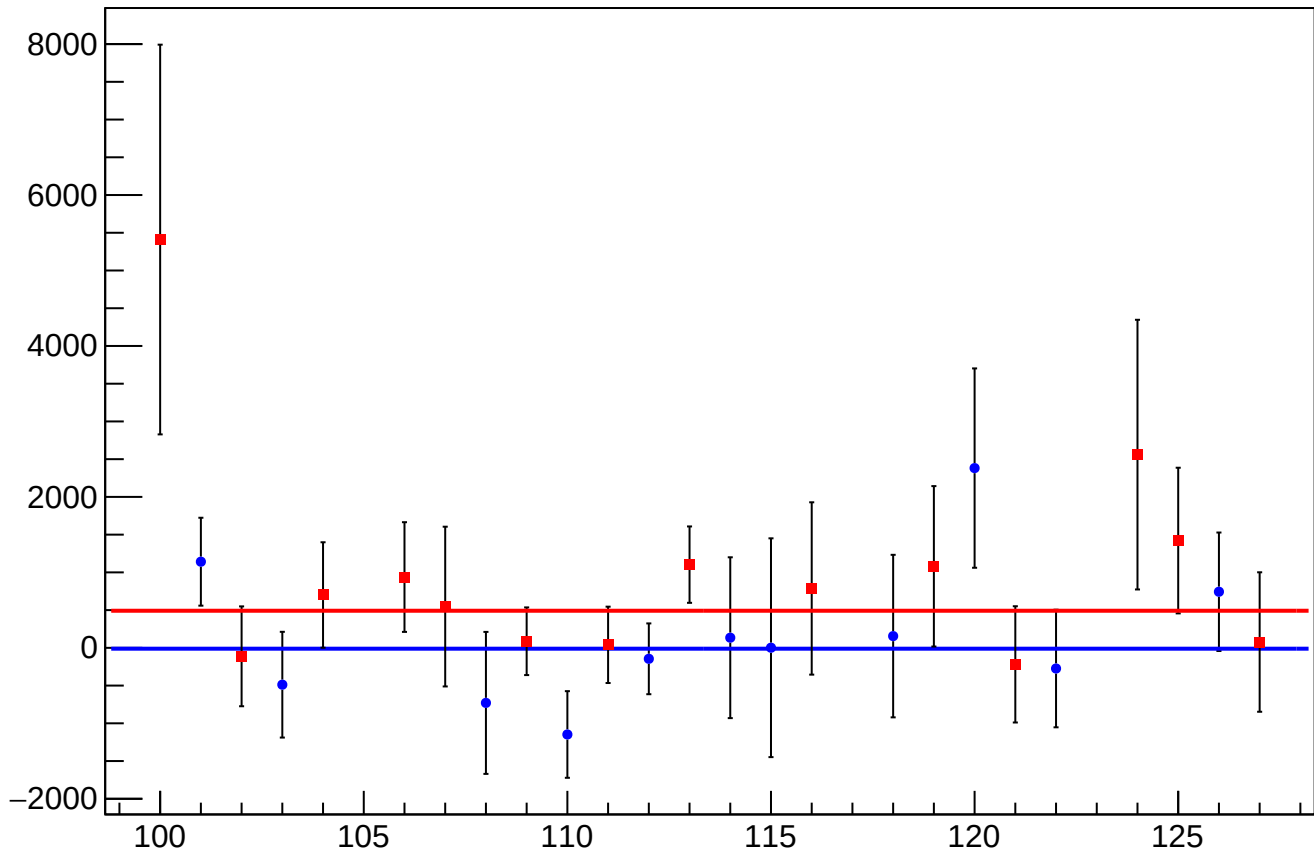
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.516+/-0.013 χ^2/NDF : 1131101.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_eigen_dit_correction_mean vs Slug



Right In: -11.302 ± 224.967 χ^2/NDF : 13.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 491.564 ± 196.287 χ^2/NDF : 11.7/13

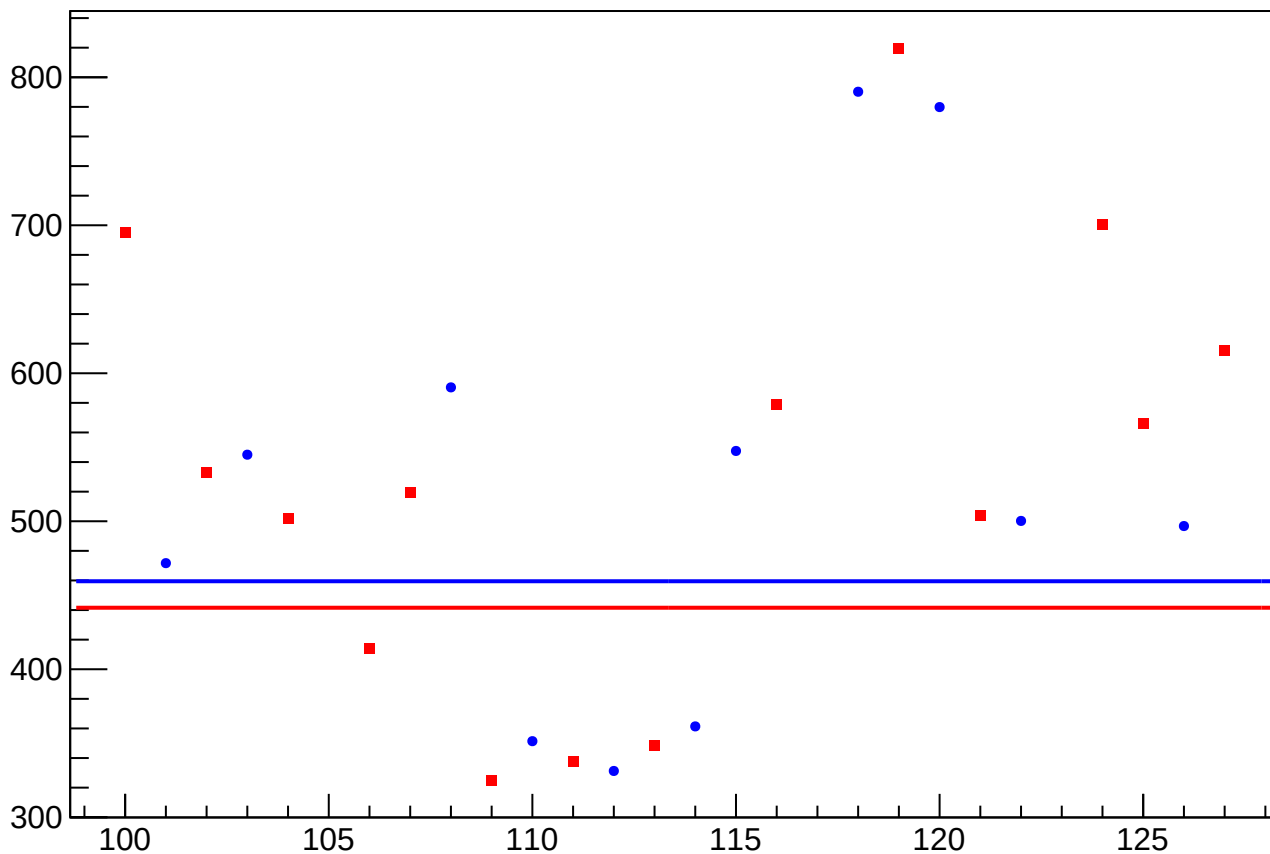
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 274.209 ± 147.903 χ^2/NDF : 27.9/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_eigen_dit_correction_rms vs Slug



Right In: 459.465+/-0.159 χ^2/NDF : 630439.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

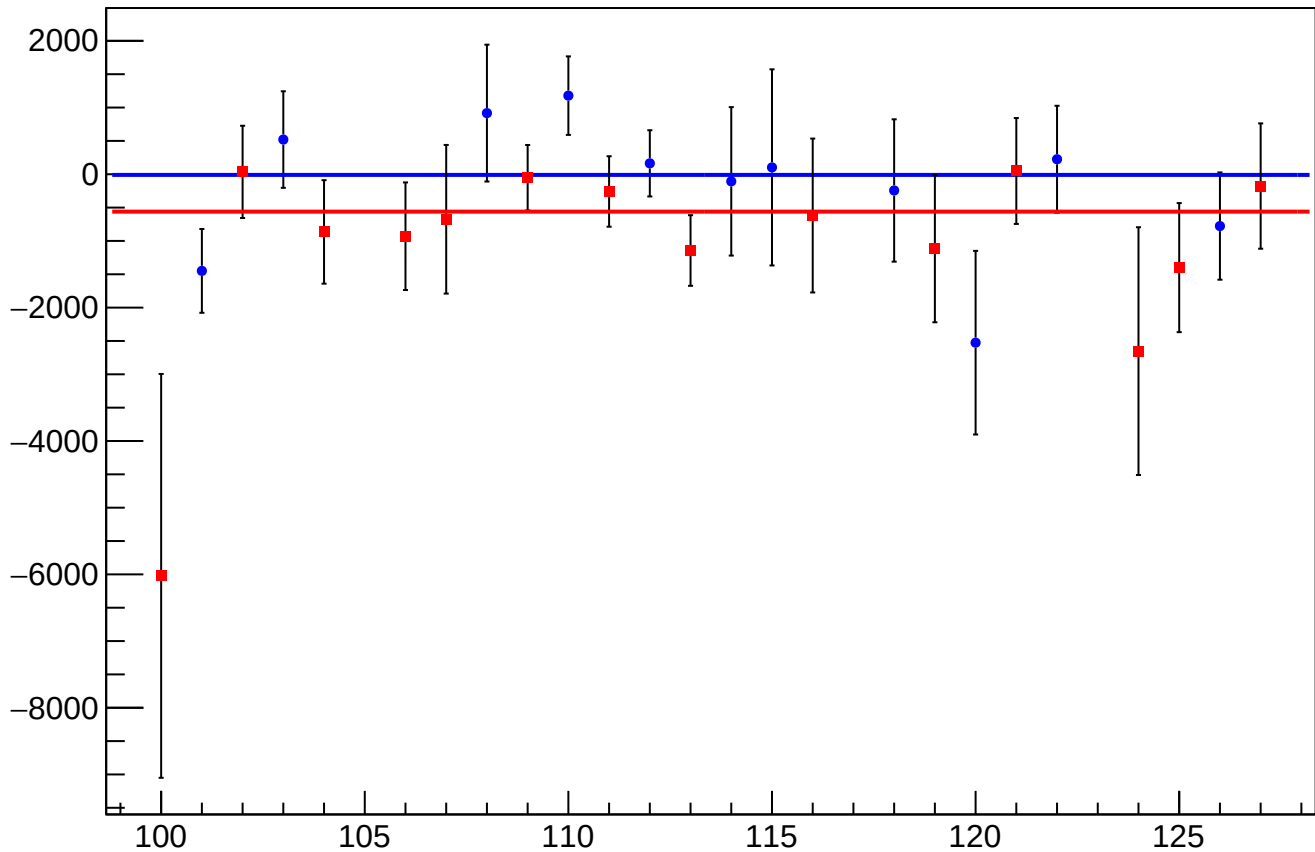
Right Out: 441.568+/-0.139 χ^2/NDF : 813698.3/13

All: 449.304+/-0.105 χ^2/NDF : 1451324.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_mean vs Slug



Right In: -9.930 ± 234.991 χ^2/NDF : 15.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -560.672 ± 207.816 χ^2/NDF : 10.0/13

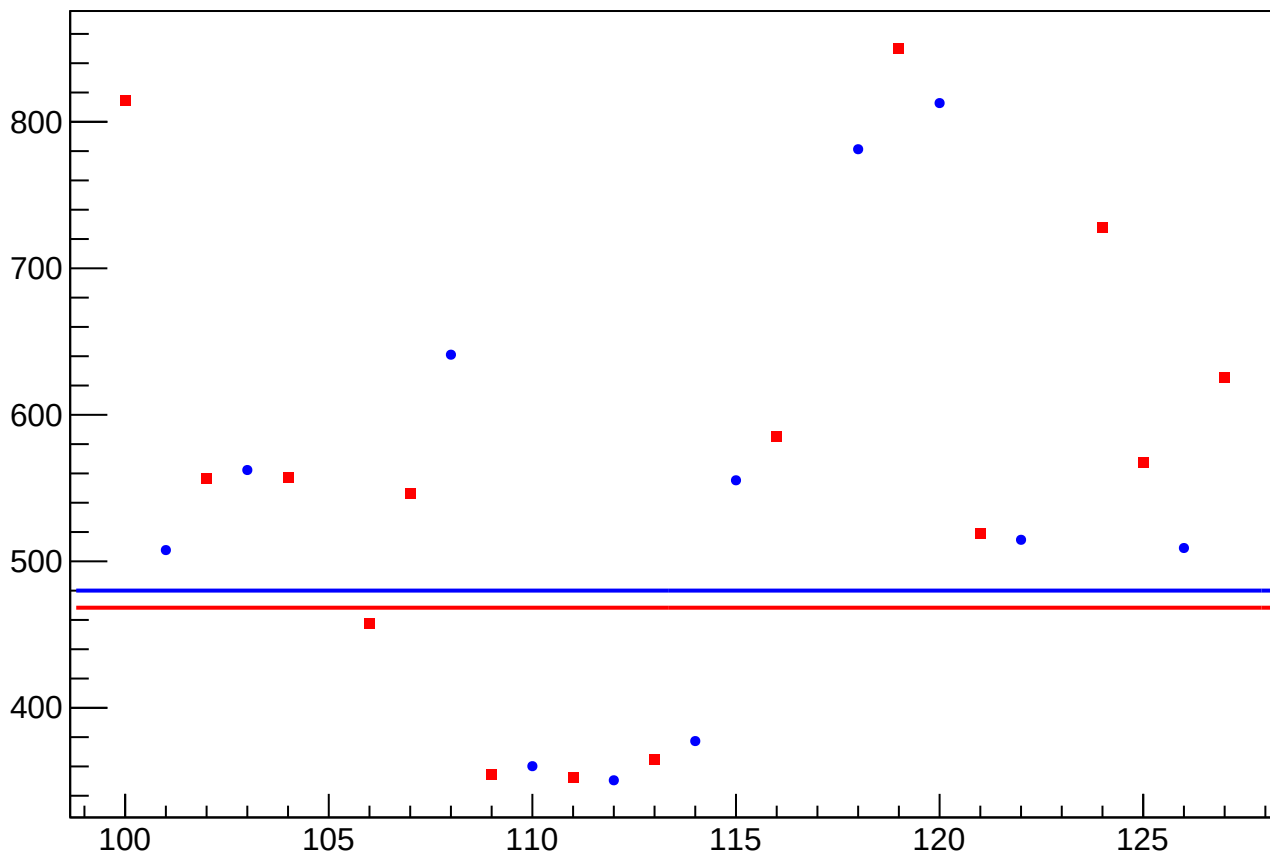
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -318.973 ± 155.673 χ^2/NDF : 28.3/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_rms vs Slug



Right In: 480.032 ± 0.166 χ^2/NDF : 602631.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 468.352 ± 0.147 χ^2/NDF : 758793.2/13

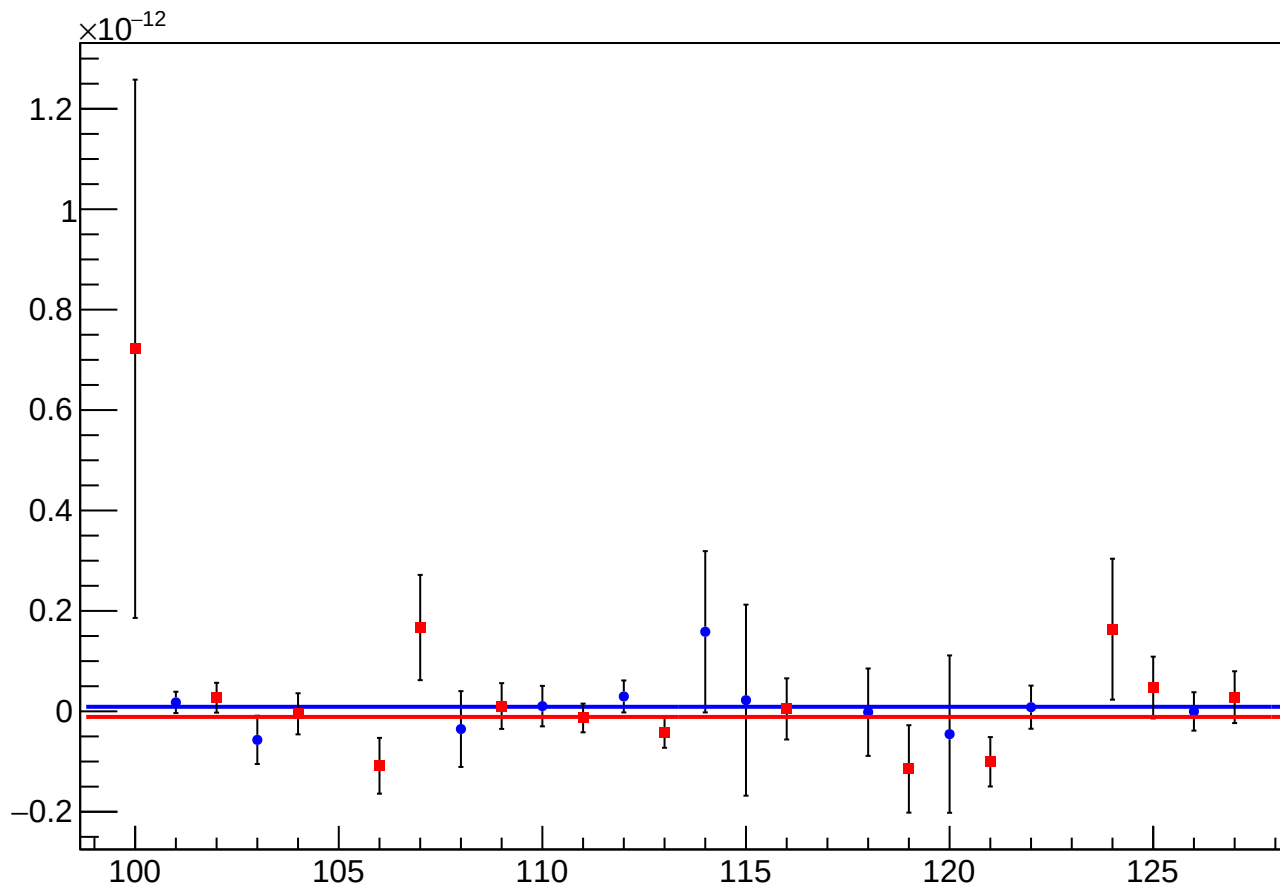
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 473.478 ± 0.110 χ^2/NDF : 1364197.2/24

- 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 : 3.9/10

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 +/- 0.000 χ^2/NDF : 18.7/13

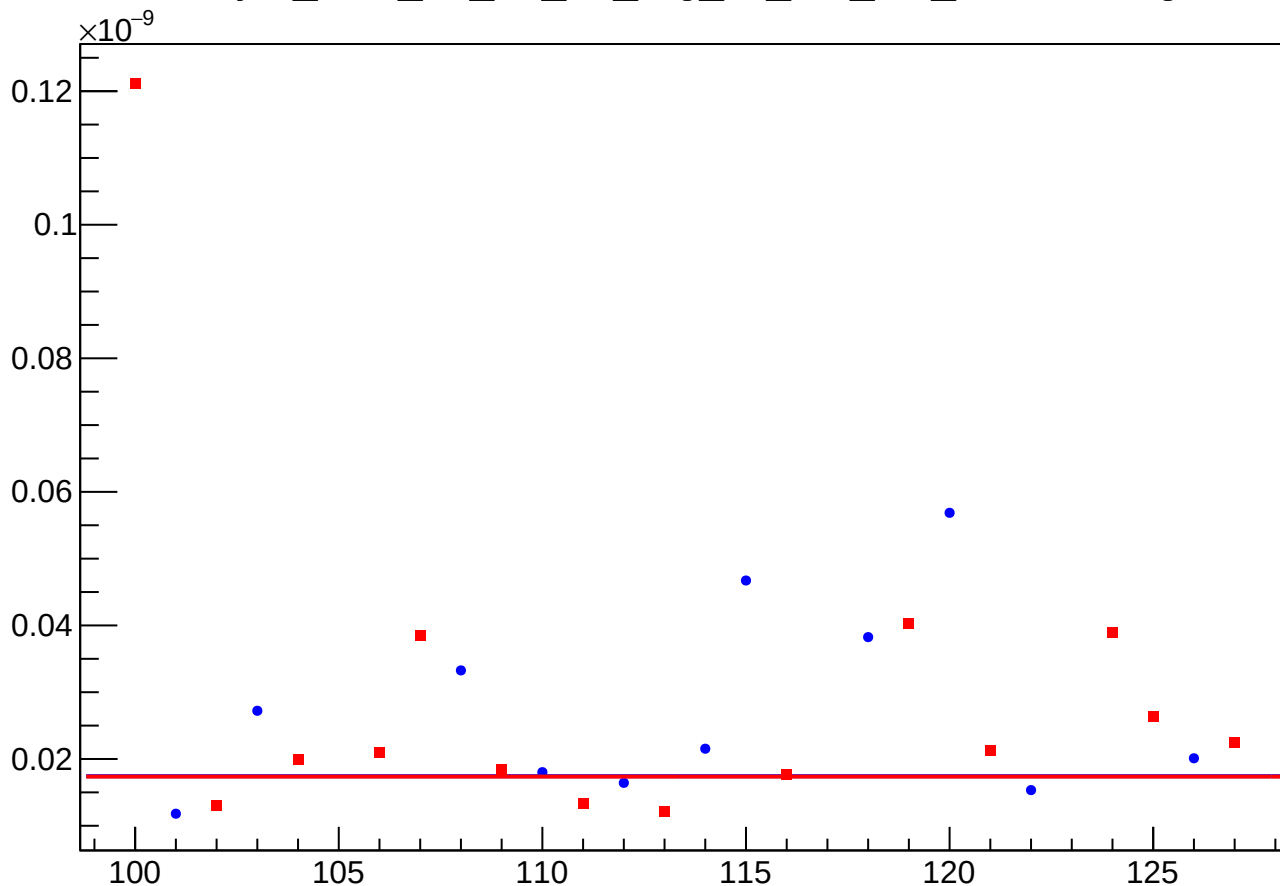
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -0.000 +/- 0.000 χ^2/NDF : 23.8/24

- 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: 617554.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 574205.6/13

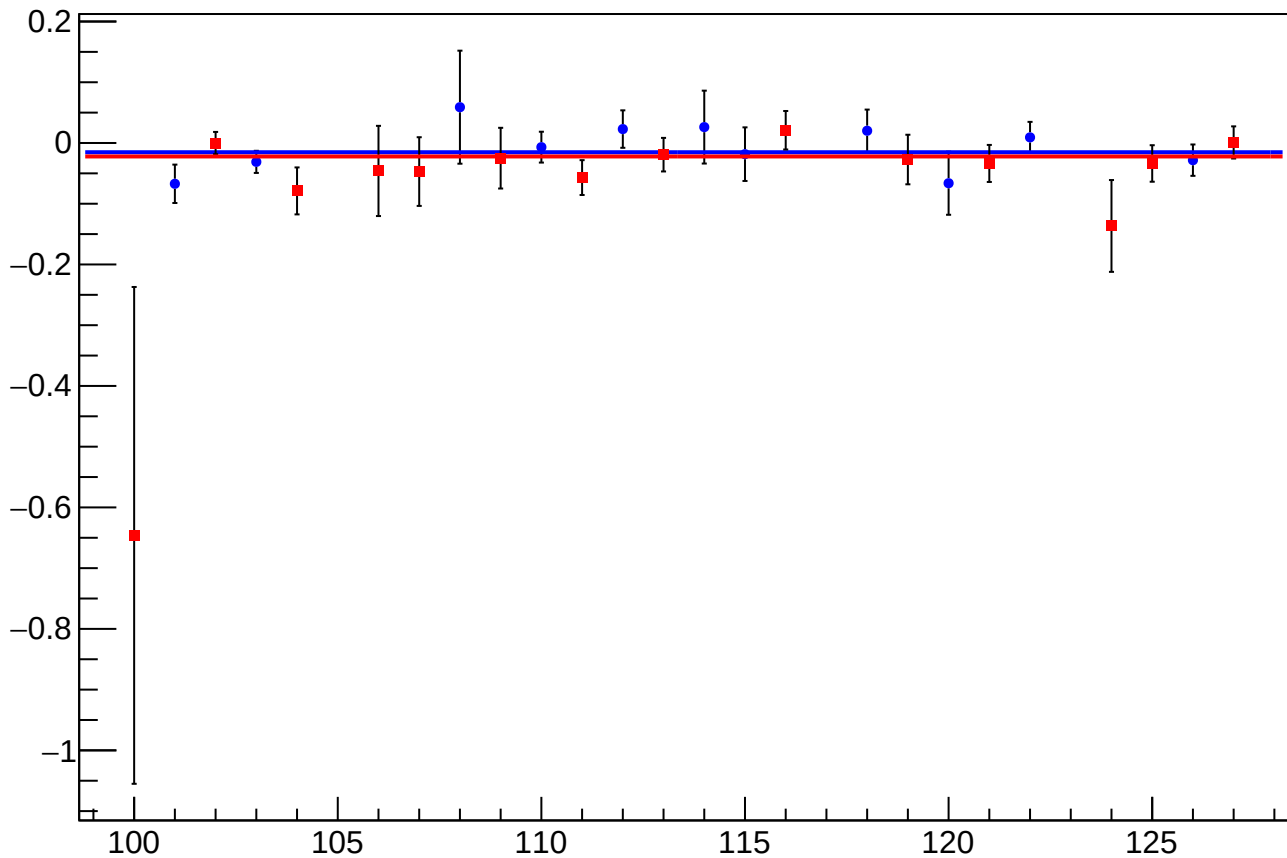
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1191780.7/24

- 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 $\pm$ 0.009 χ^2 /NDF: 9.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.022 $\pm$ 0.009 χ^2 /NDF: 12.9/13

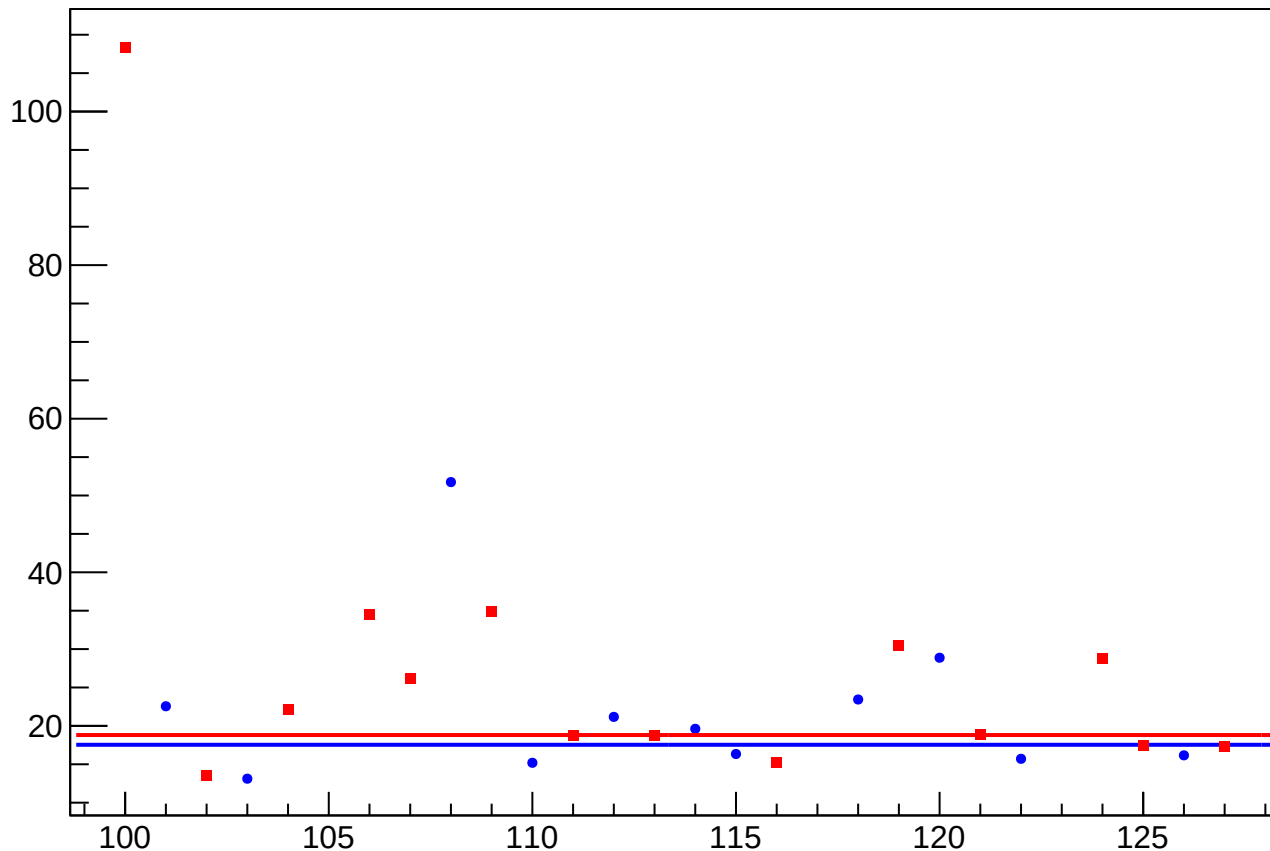
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.019 $\pm$ 0.006 χ^2 /NDF: 22.6/24

- 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: 17.538+/-0.007 χ^2/NDF : 655214.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.809+/-0.006 χ^2/NDF : 834366.0/13

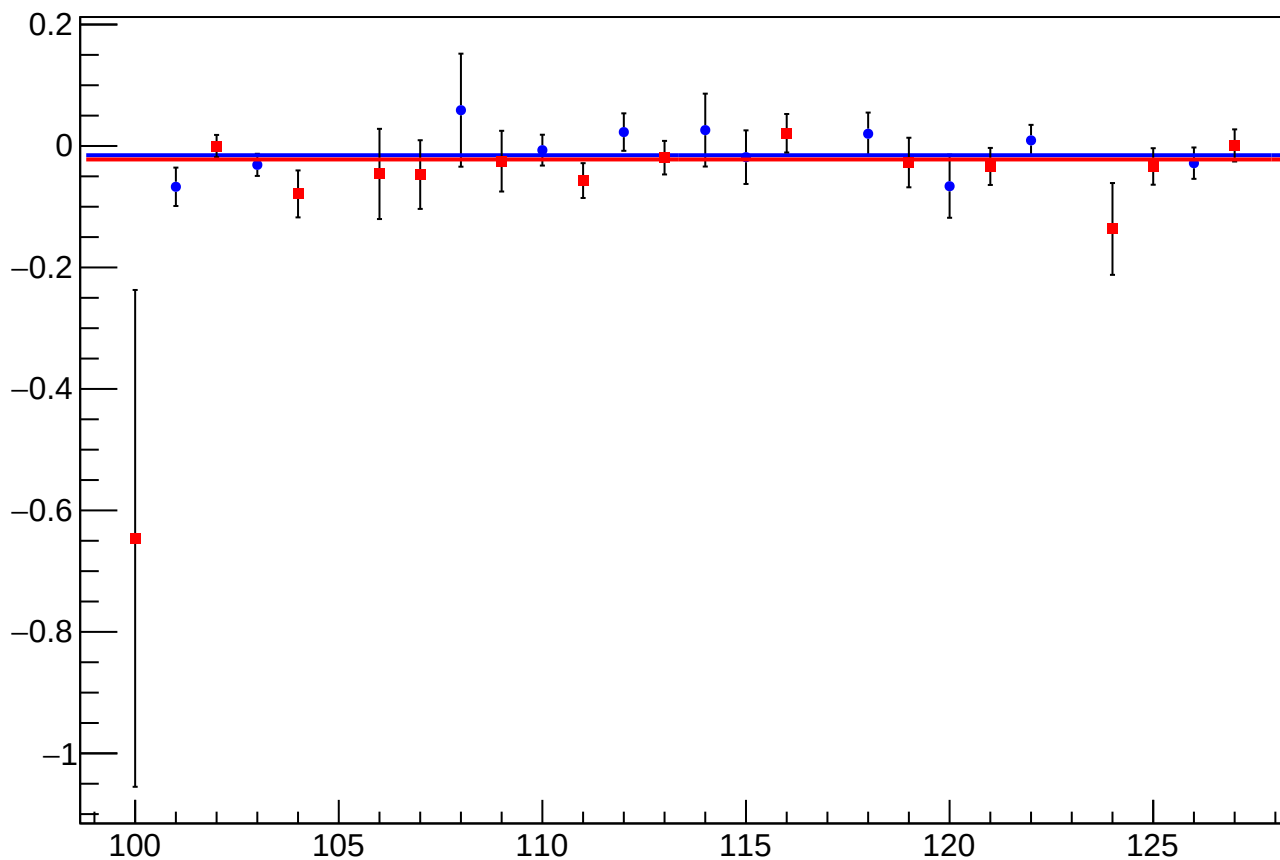
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.192+/-0.005 χ^2/NDF : 1509103.4/24

- 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+/-0.009 χ^2/NDF : 9.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.022+/-0.009 χ^2/NDF : 12.9/13

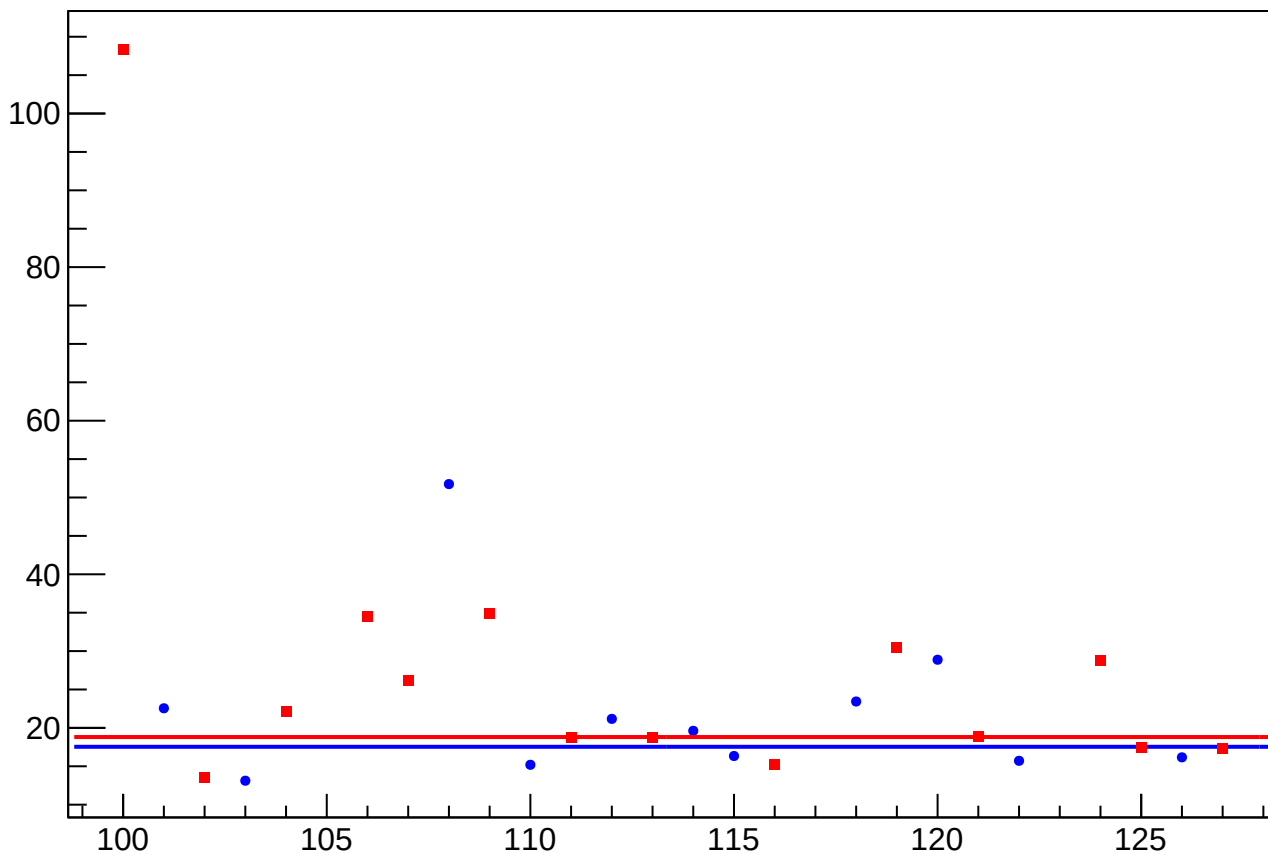
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.019+/-0.006 χ^2/NDF : 22.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 17.538+/-0.007 χ^2/NDF : 655214.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.809+/-0.006 χ^2/NDF : 834366.0/13

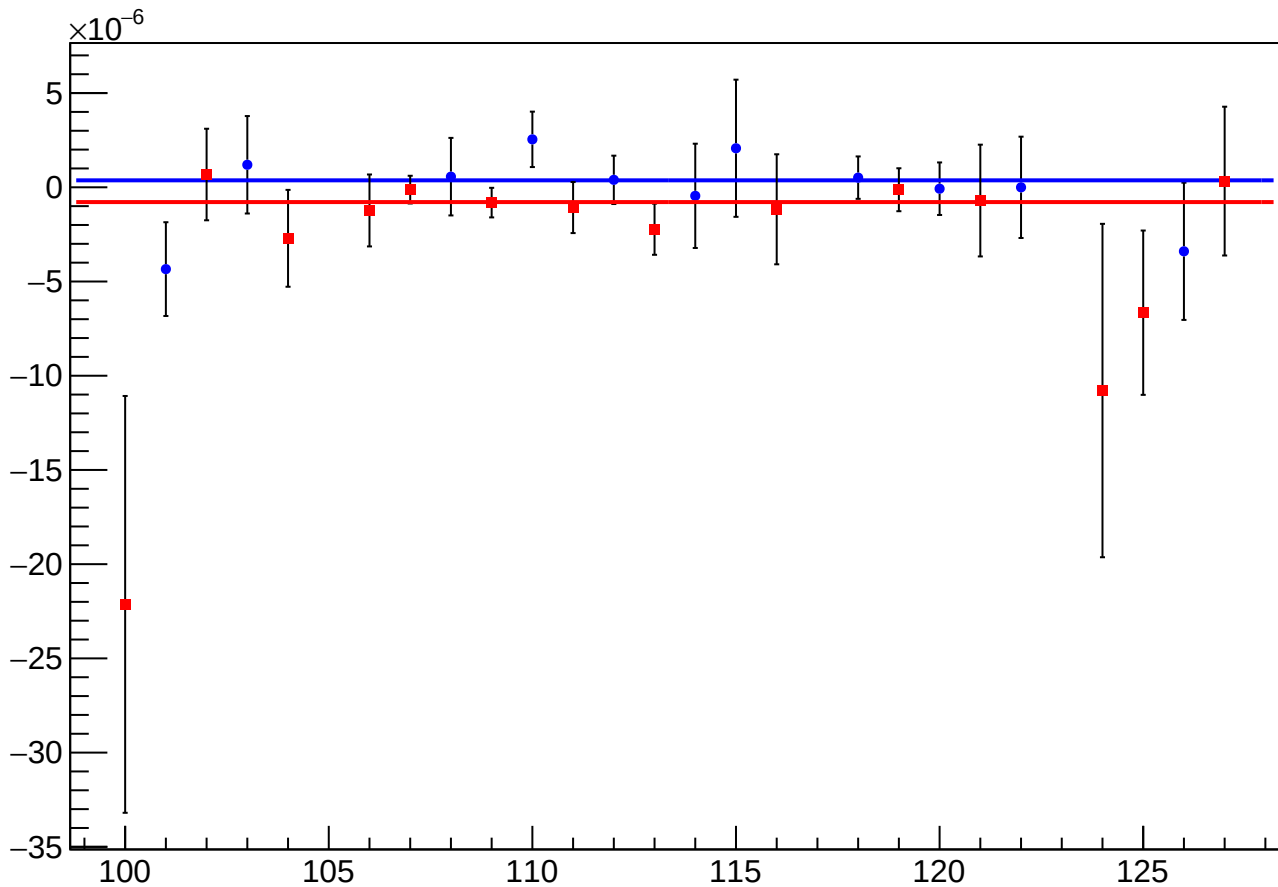
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.192+/-0.005 χ^2/NDF : 1509103.4/24

- 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 ± 0.000 χ^2/NDF : 7.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 10.2/13

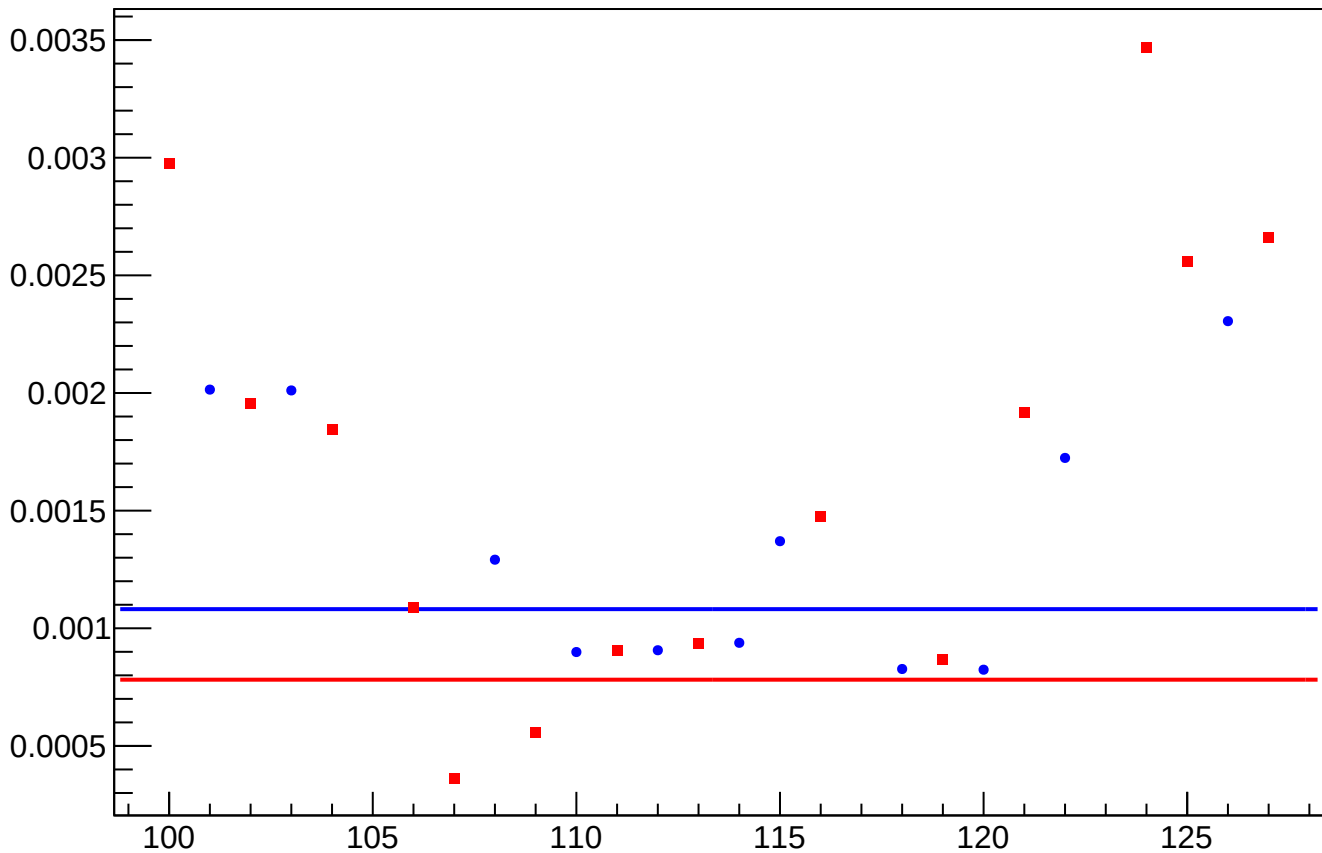
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 20.5/24

- sign 0.000 ± 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 : 1157215.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3186392.0/13

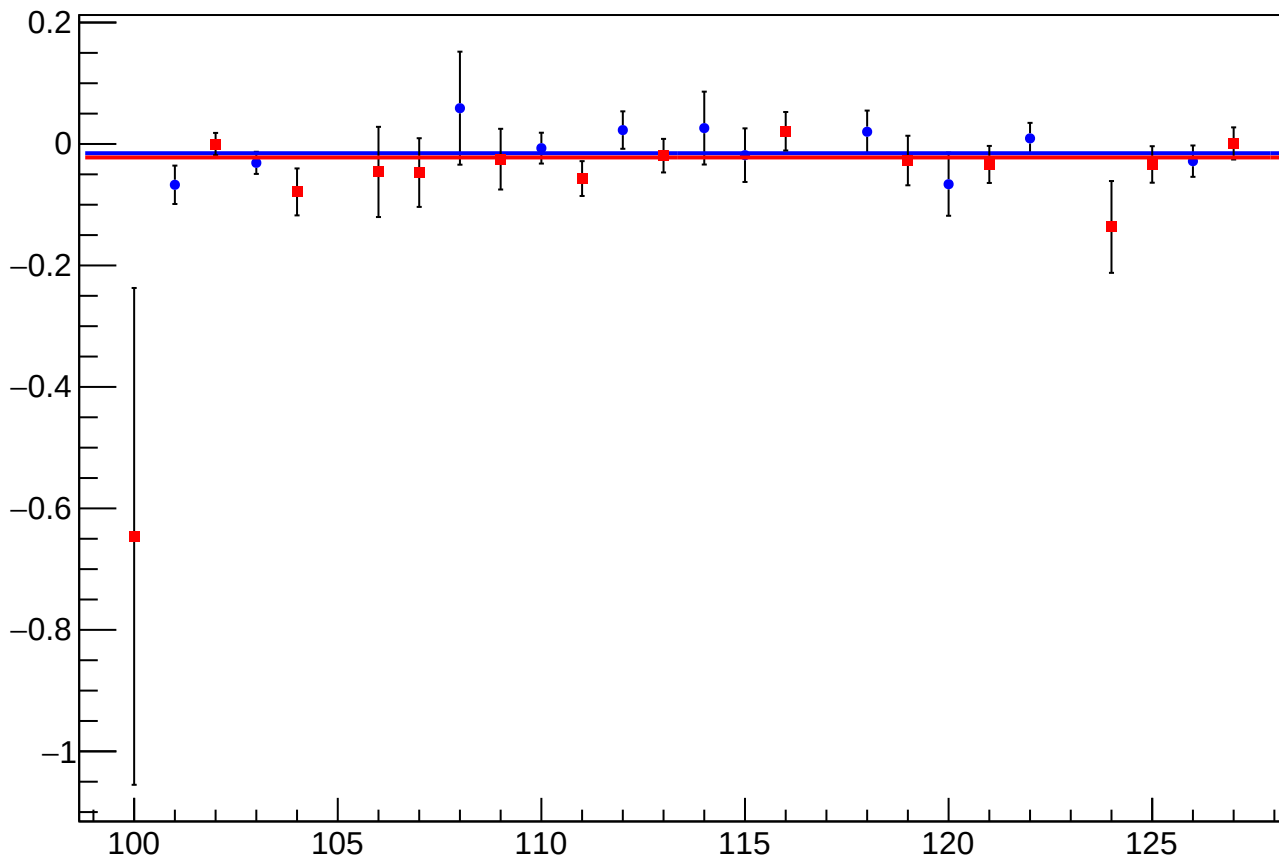
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4736040.2/24

- 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 $\pm$ 0.009 χ^2 /NDF: 9.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.022 $\pm$ 0.009 χ^2 /NDF: 12.9/13

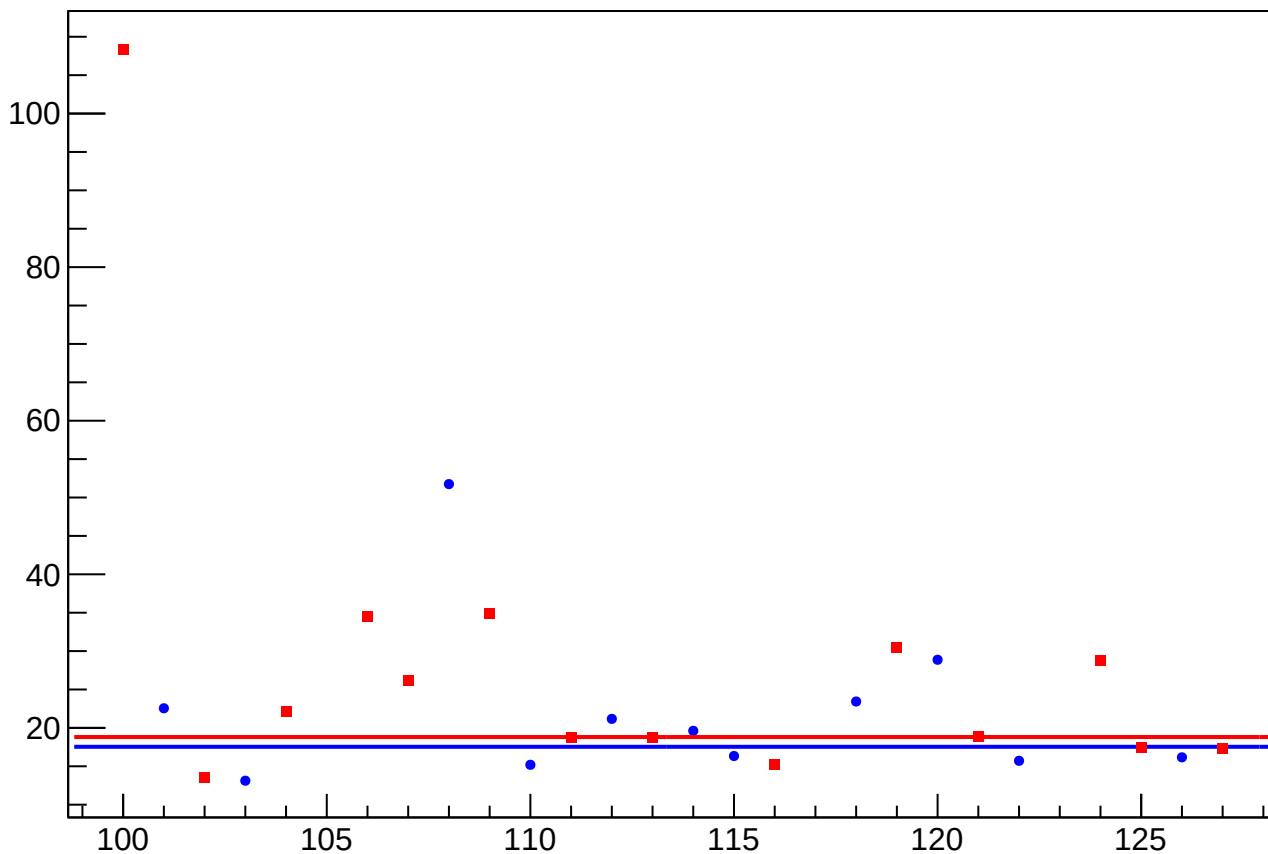
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.019 $\pm$ 0.006 χ^2 /NDF: 22.6/24

- 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: 17.539+/-0.007 χ^2/NDF : 655151.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.810+/-0.006 χ^2/NDF : 834242.9/13

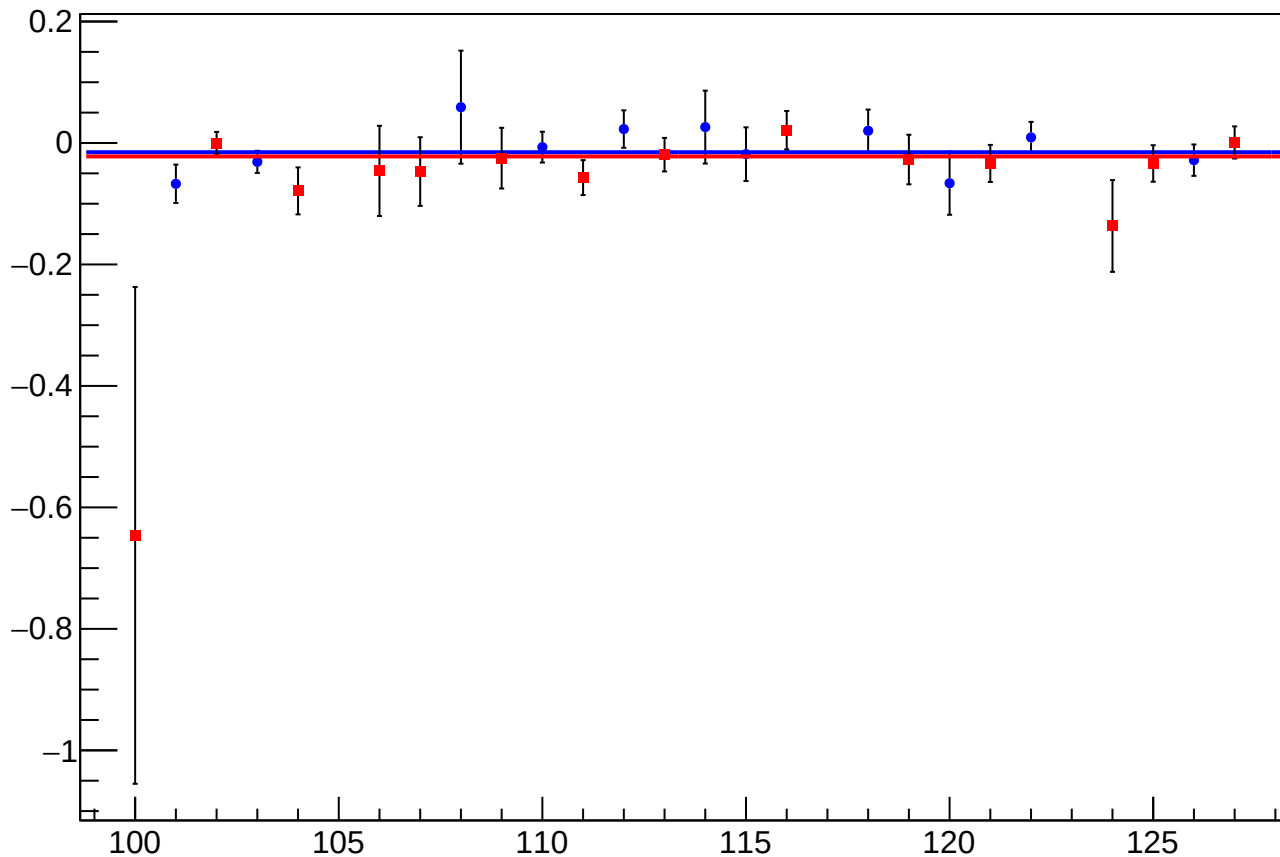
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.193+/-0.005 χ^2/NDF : 1508918.6/24

- 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 $\pm$ 0.009 χ^2 /NDF: 9.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.022 $\pm$ 0.009 χ^2 /NDF: 12.9/13

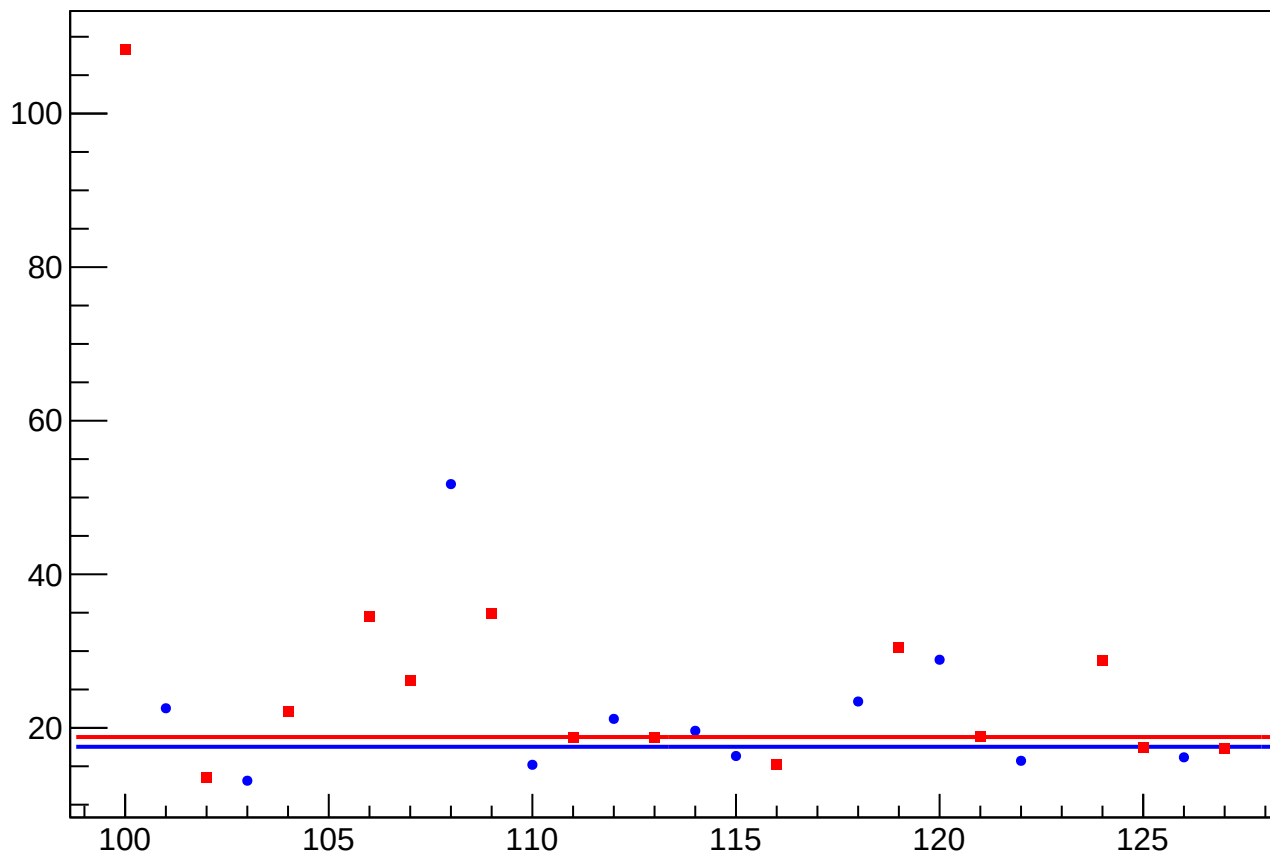
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.019 $\pm$ 0.006 χ^2 /NDF: 22.6/24

- 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: 17.539+/-0.007 χ^2/NDF : 655151.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.810+/-0.006 χ^2/NDF : 834242.9/13

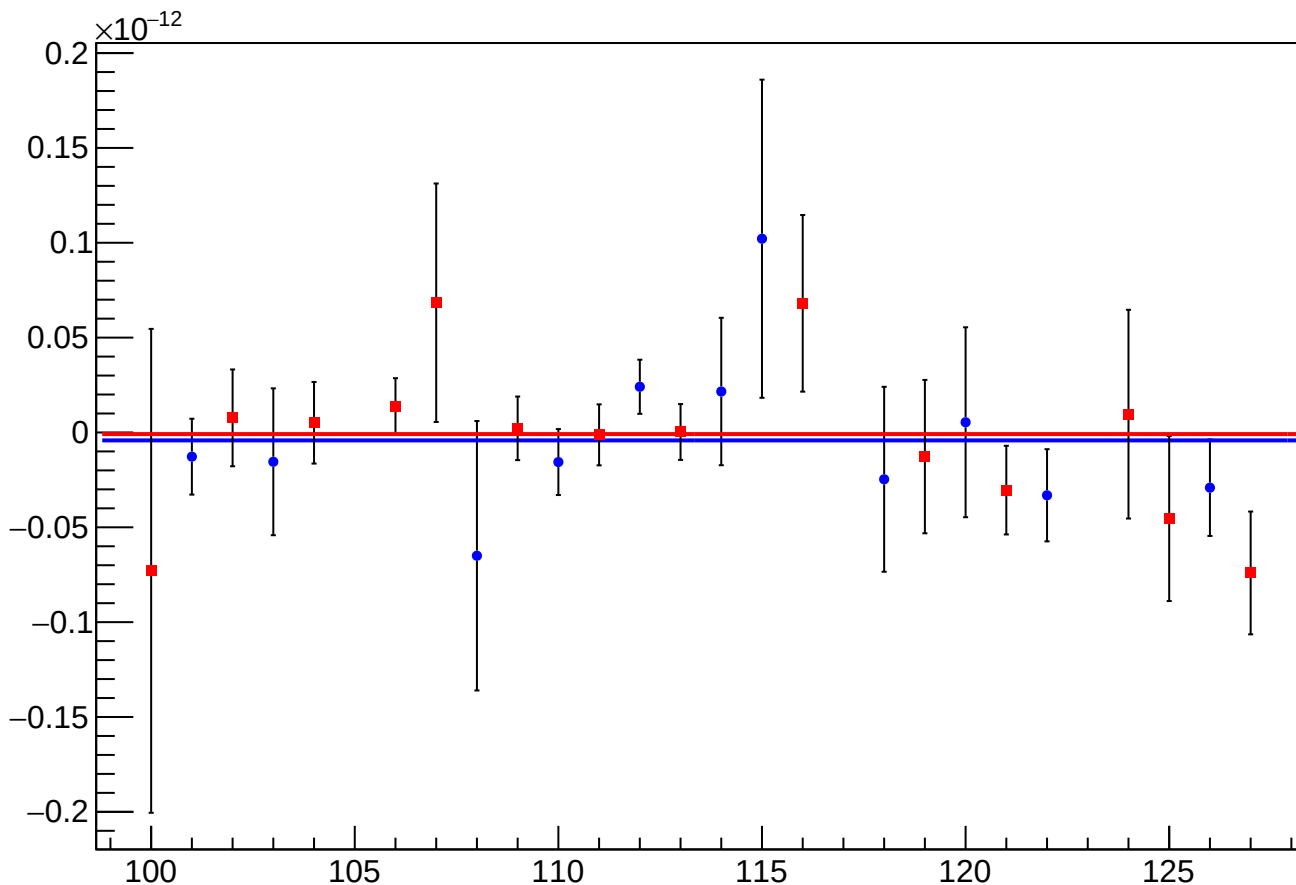
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.193+/-0.005 χ^2/NDF : 1508918.6/24

- 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: 10.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.8/13

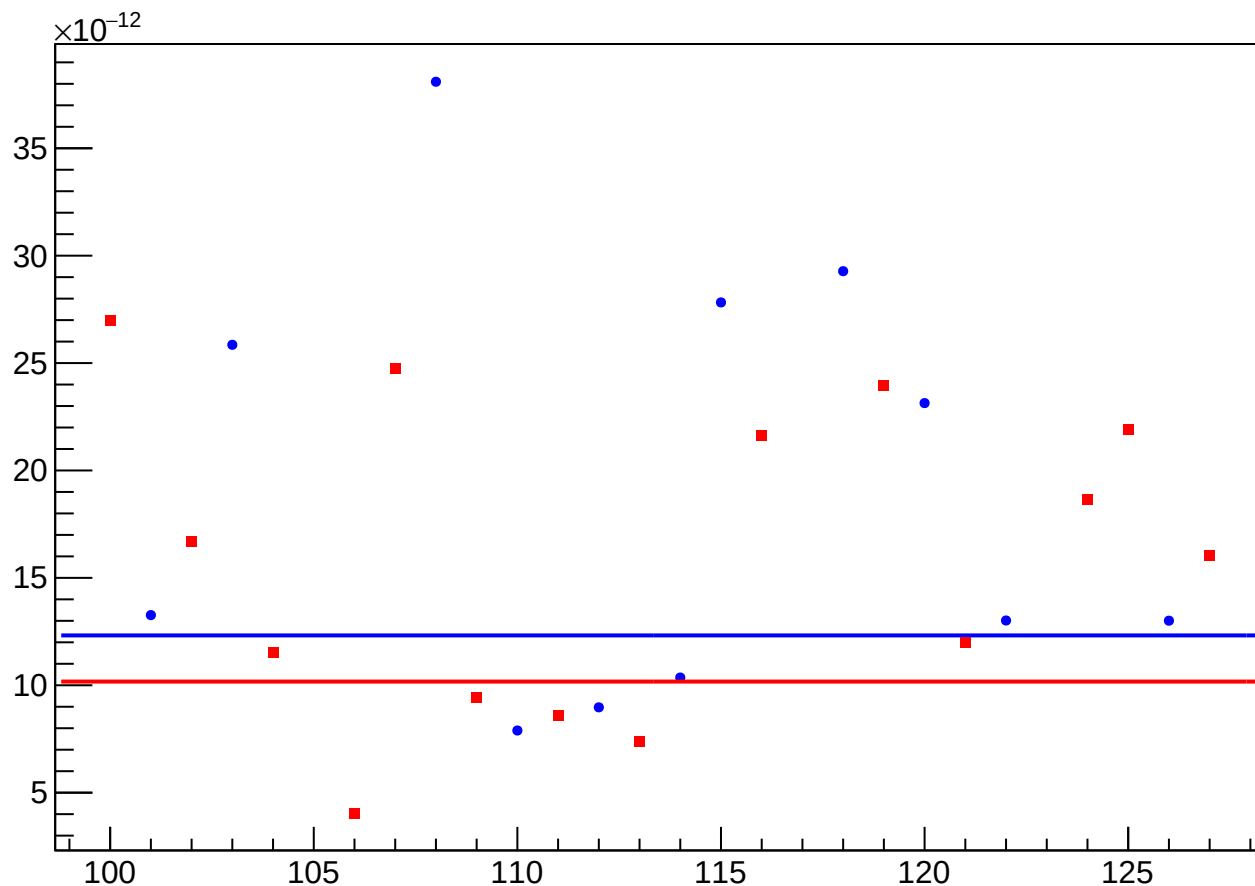
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 22.9/24

- 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 : 1163870.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1342735.3/13

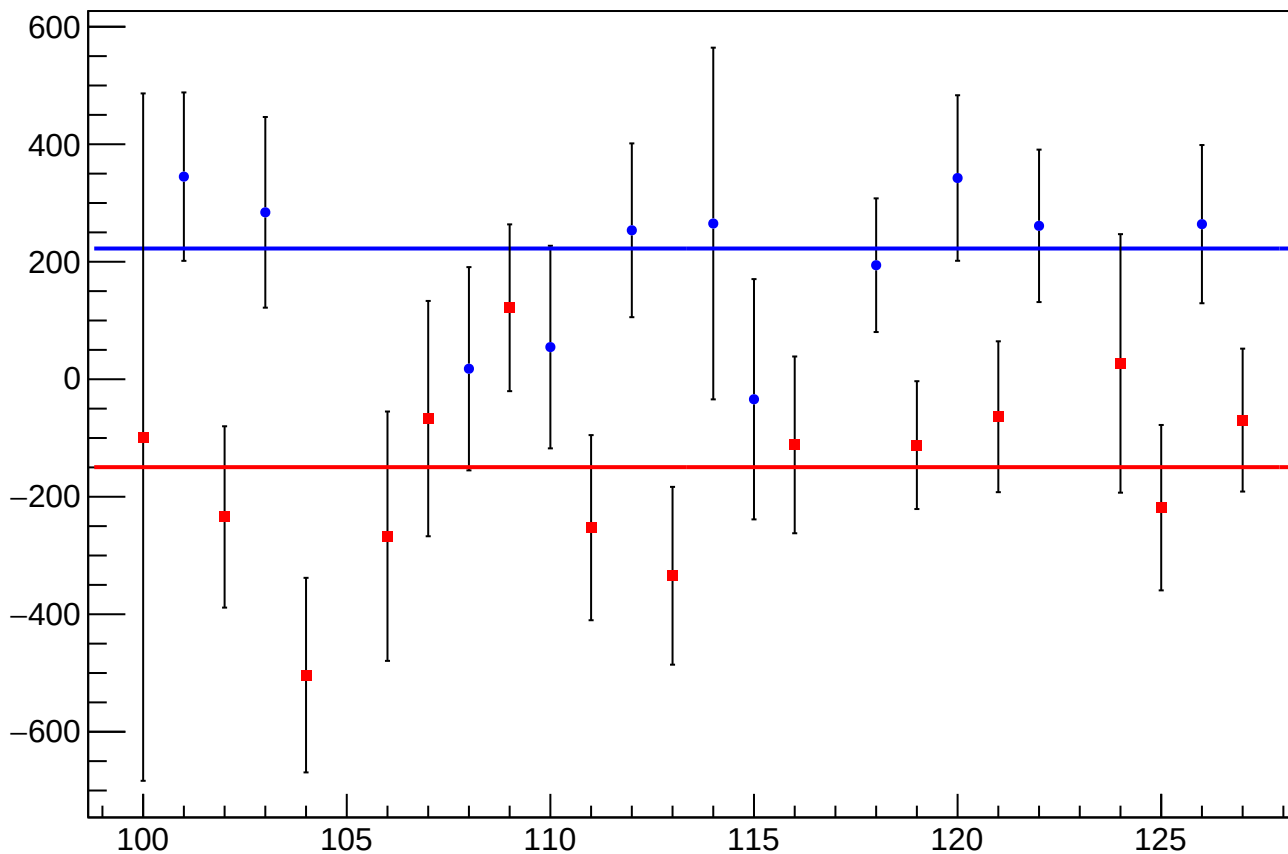
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2598665.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_24_68_dd_mean vs Slug



Right In: 222.537 $\pm$ 45.800 χ^2 /NDF: 5.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -149.605 $\pm$ 41.164 χ^2 /NDF: 12.9/13

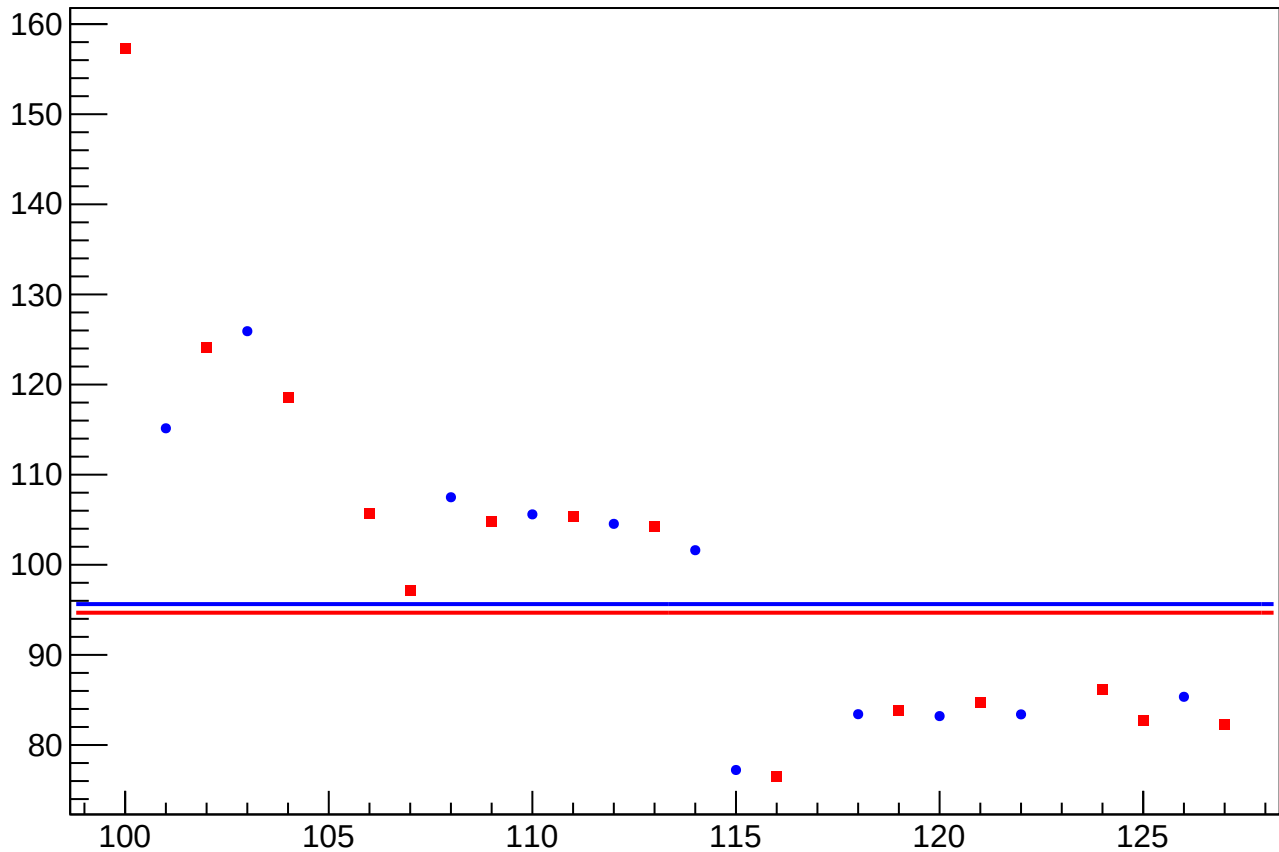
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.681 $\pm$ 30.615 χ^2 /NDF: 55.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_24_68_dd_rms vs Slug



Right In: 95.637+/-0.032 χ^2/NDF : 215137.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.680+/-0.029 χ^2/NDF : 269376.3/13

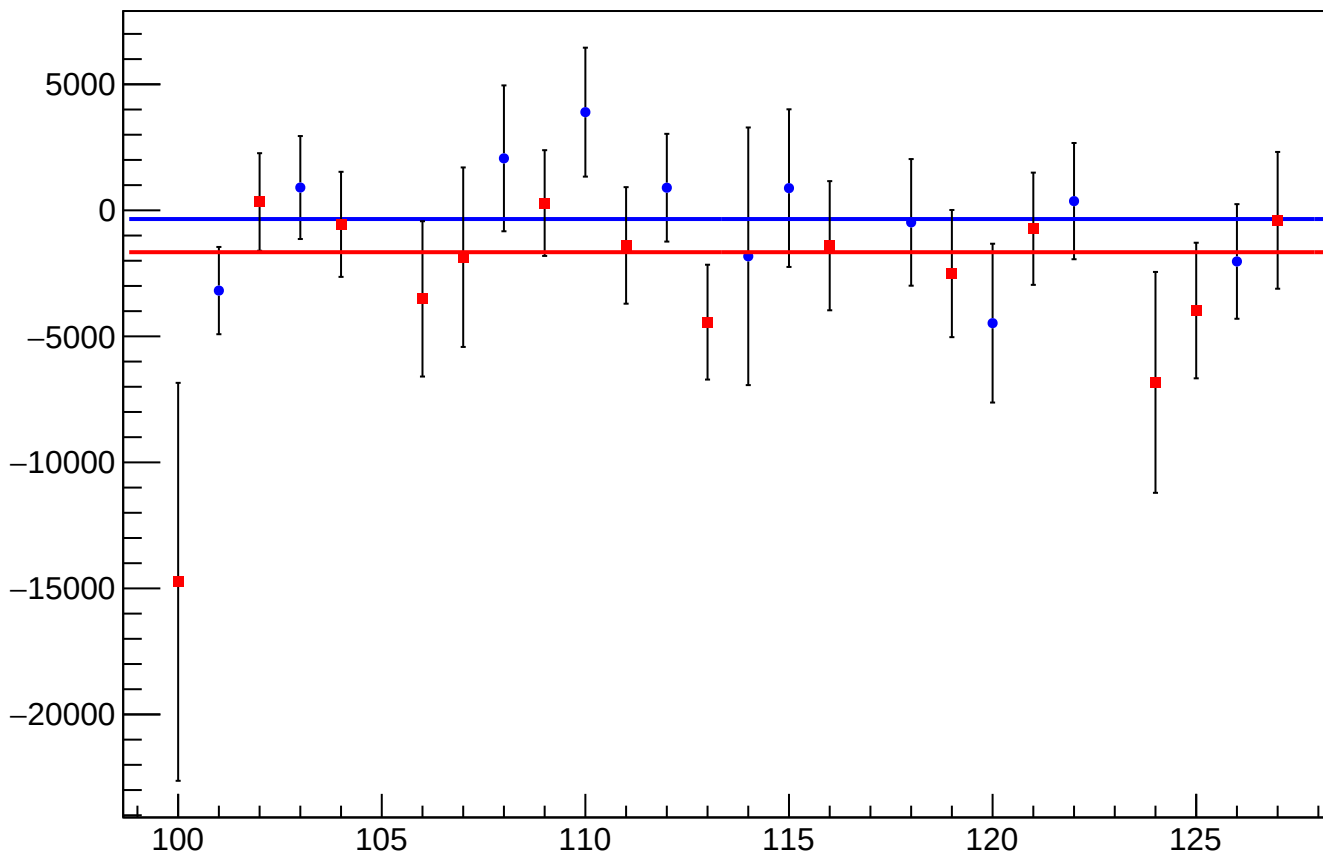
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.108+/-0.022 χ^2/NDF : 484996.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_reg_correction_mean vs Slug



Right In: -345.171+/-736.066 χ^2/NDF : 9.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1660.527+/-683.345 χ^2/NDF : 9.5/13

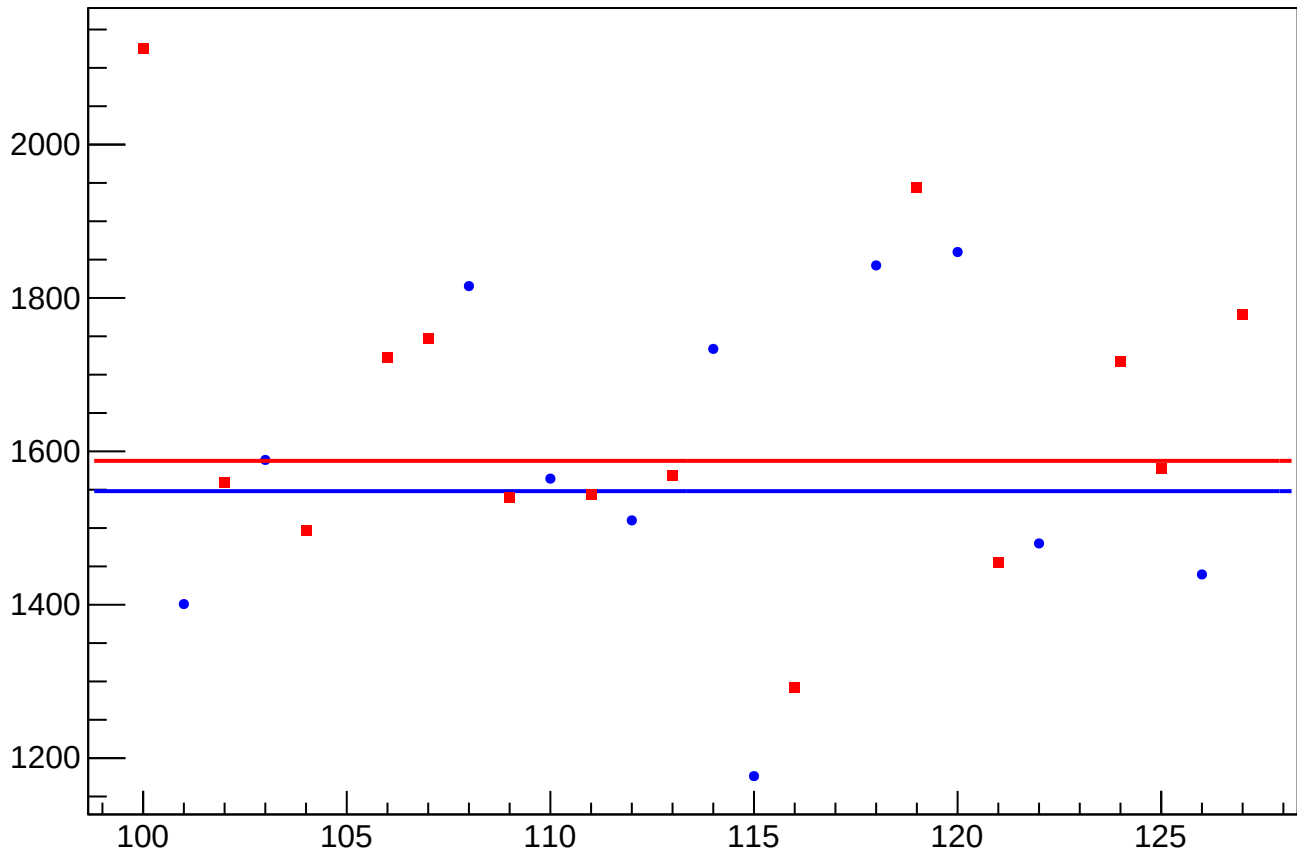
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1051.638+/-500.800 χ^2/NDF : 20.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_reg_correction_rms vs Slug



Right In: 1548.143 $\pm$ 0.520 χ^2 /NDF: 117261.3/10

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

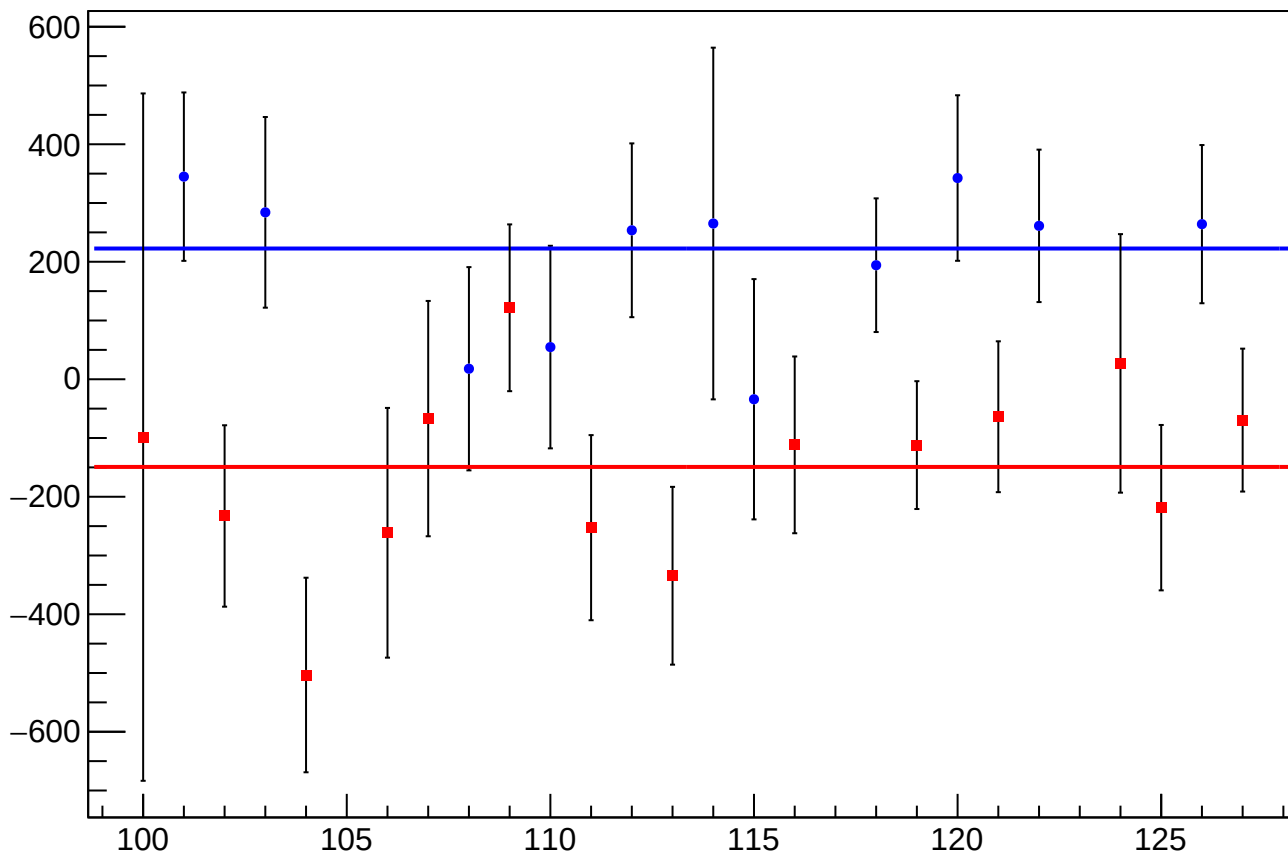
Right Out: 1587.619 $\pm$ 0.483 χ^2 /NDF: 108490.2/13

All: 1569.345 $\pm$ 0.354 χ^2 /NDF: 228841.3/24

- 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_sam_24_68_dd_mean vs Slug



Right In: 222.534 $\pm$ 45.800 χ^2 /NDF: 5.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -149.232 $\pm$ 41.167 χ^2 /NDF: 12.8/13

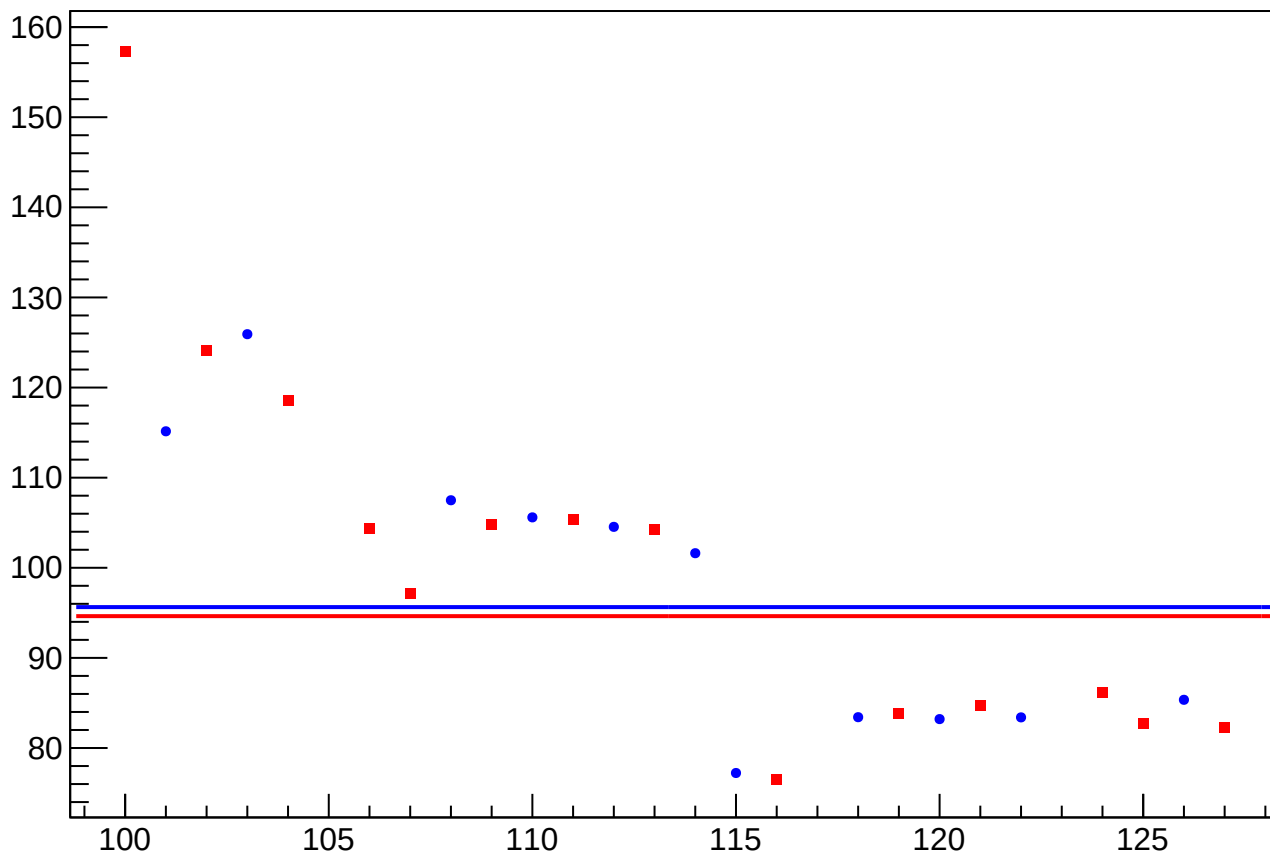
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.903 $\pm$ 30.617 χ^2 /NDF: 55.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_24_68_dd_rms vs Slug



Right In: 95.637 $\pm$ 0.032 χ^2 /NDF: 215139.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 94.633 $\pm$ 0.029 χ^2 /NDF: 268396.6/13

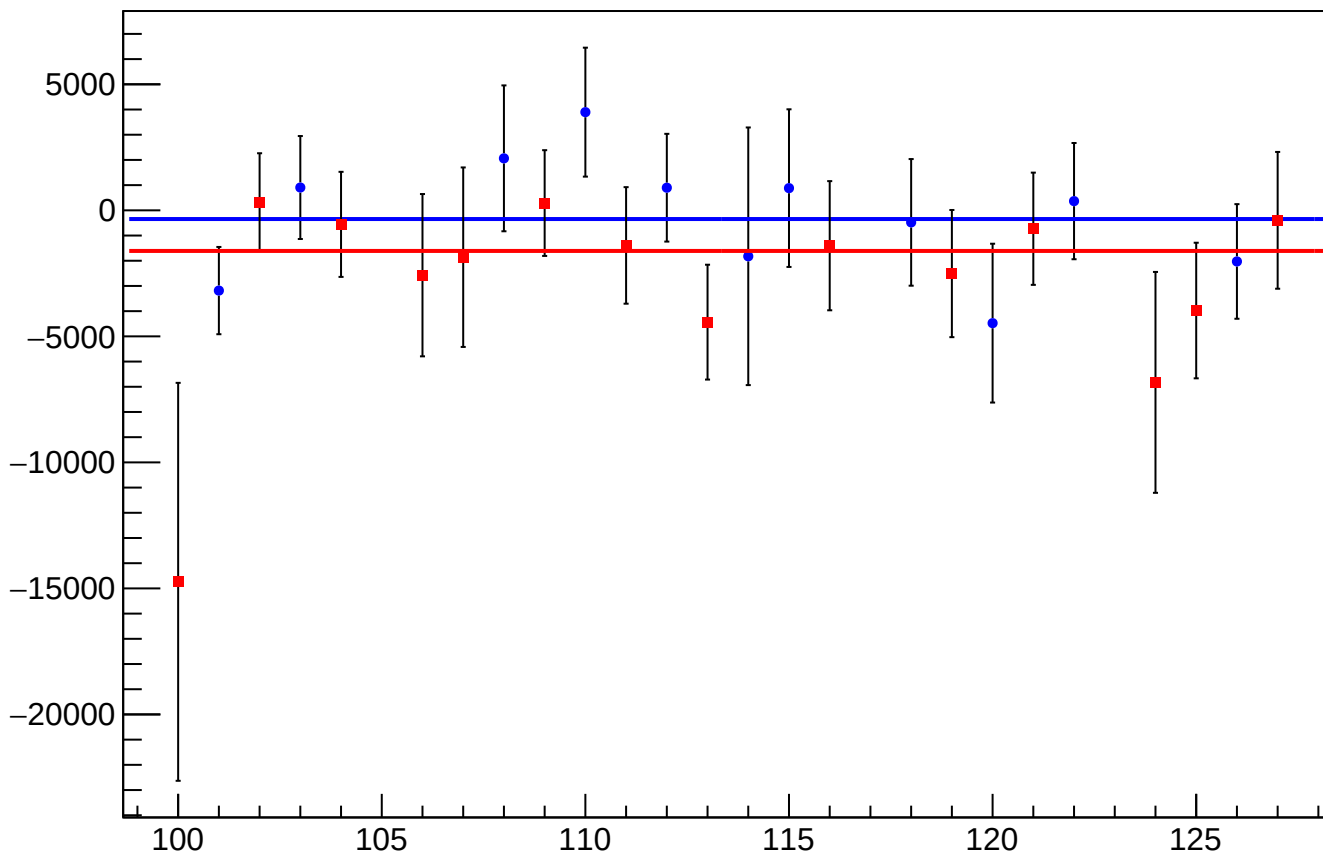
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 95.081 $\pm$ 0.022 χ^2 /NDF: 484067.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_cor_correction_mean vs Slug



Right In: -345.120+/-736.070 χ^2/NDF : 9.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1610.938+/-684.798 χ^2/NDF : 9.2/13

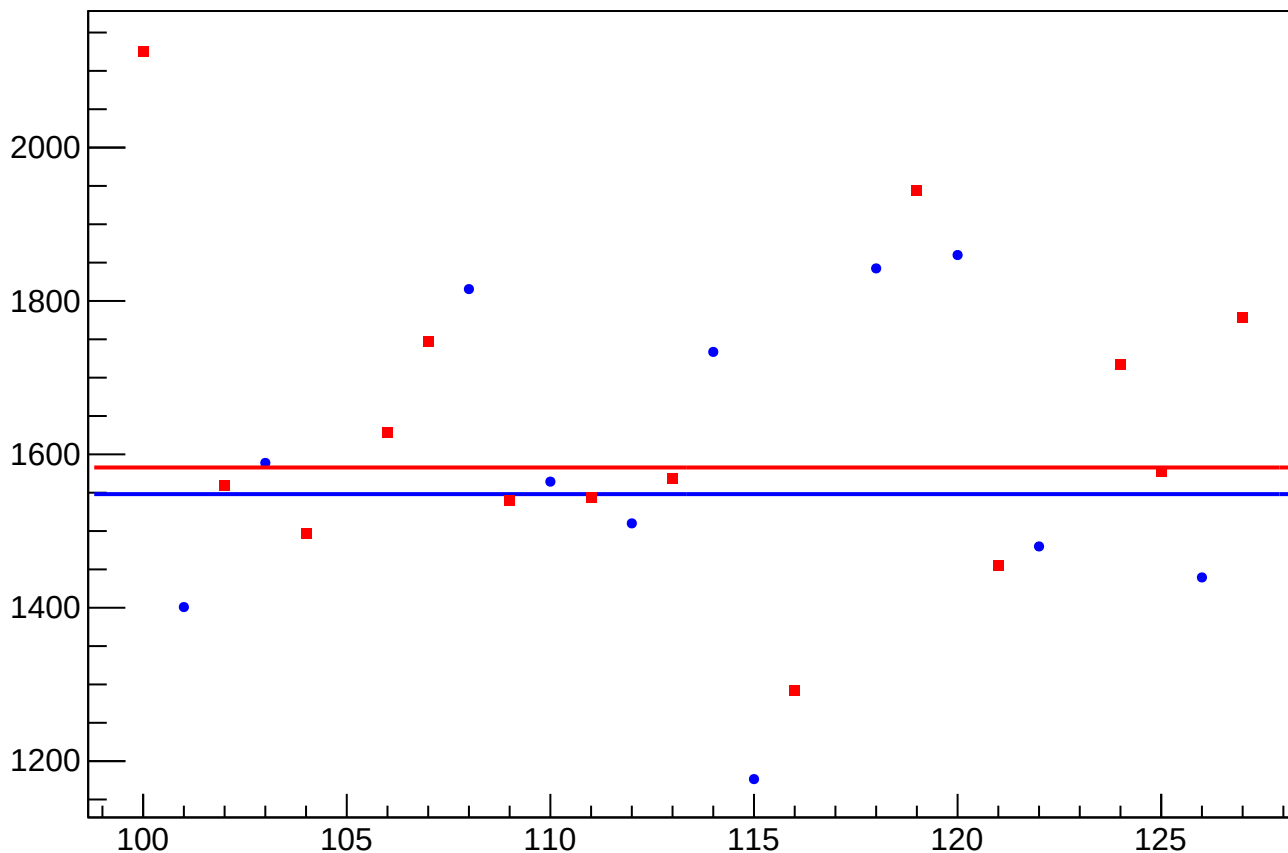
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1023.646+/-501.372 χ^2/NDF : 20.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_cor_correction_rms vs Slug



Right In: 1548.151+/-0.520 χ^2/NDF : 117263.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1582.888+/-0.484 χ^2/NDF : 104870.2/13

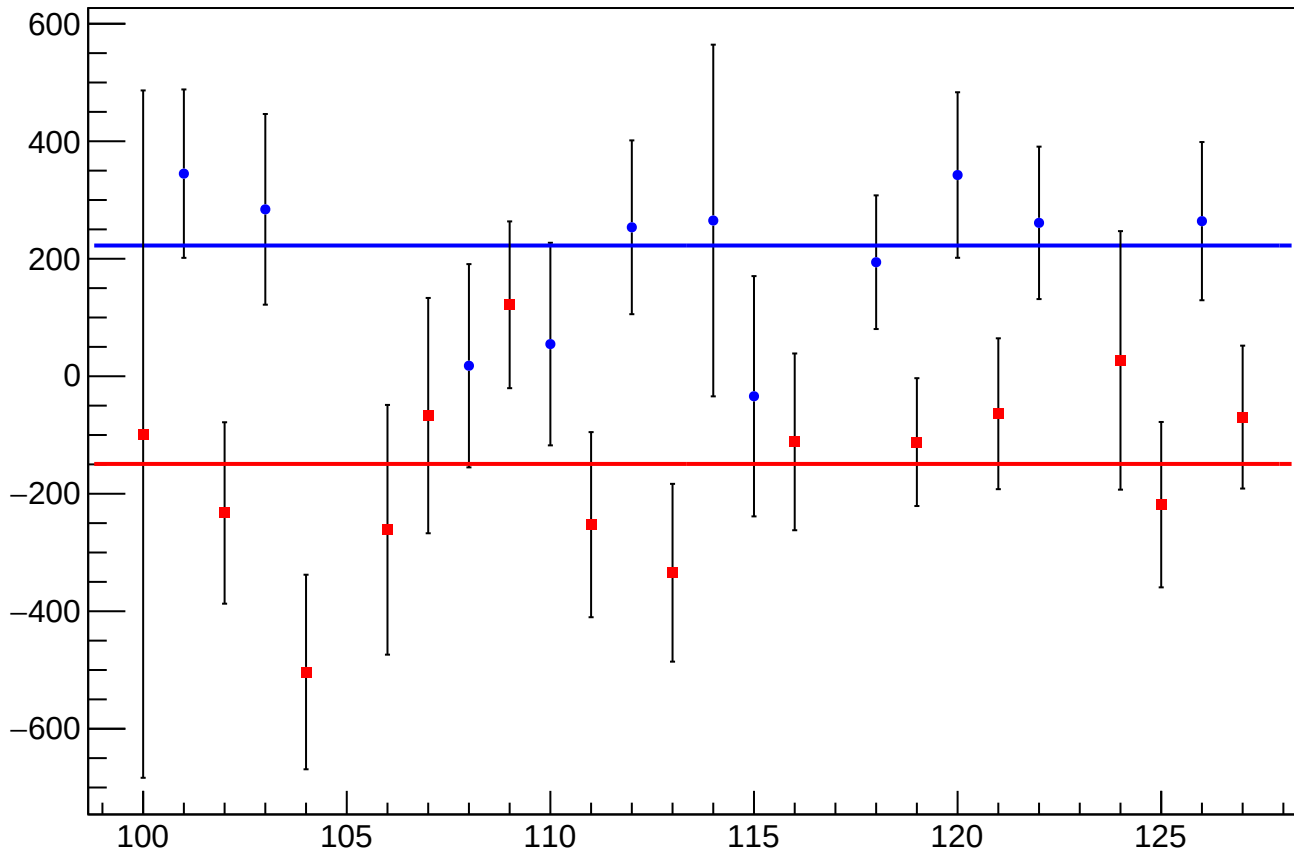
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1566.771+/-0.355 χ^2/NDF : 224521.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_24_68_dd_mean vs Slug



Right In: 222.534 $\pm$ 45.800 χ^2 /NDF: 5.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -149.232 $\pm$ 41.167 χ^2 /NDF: 12.8/13

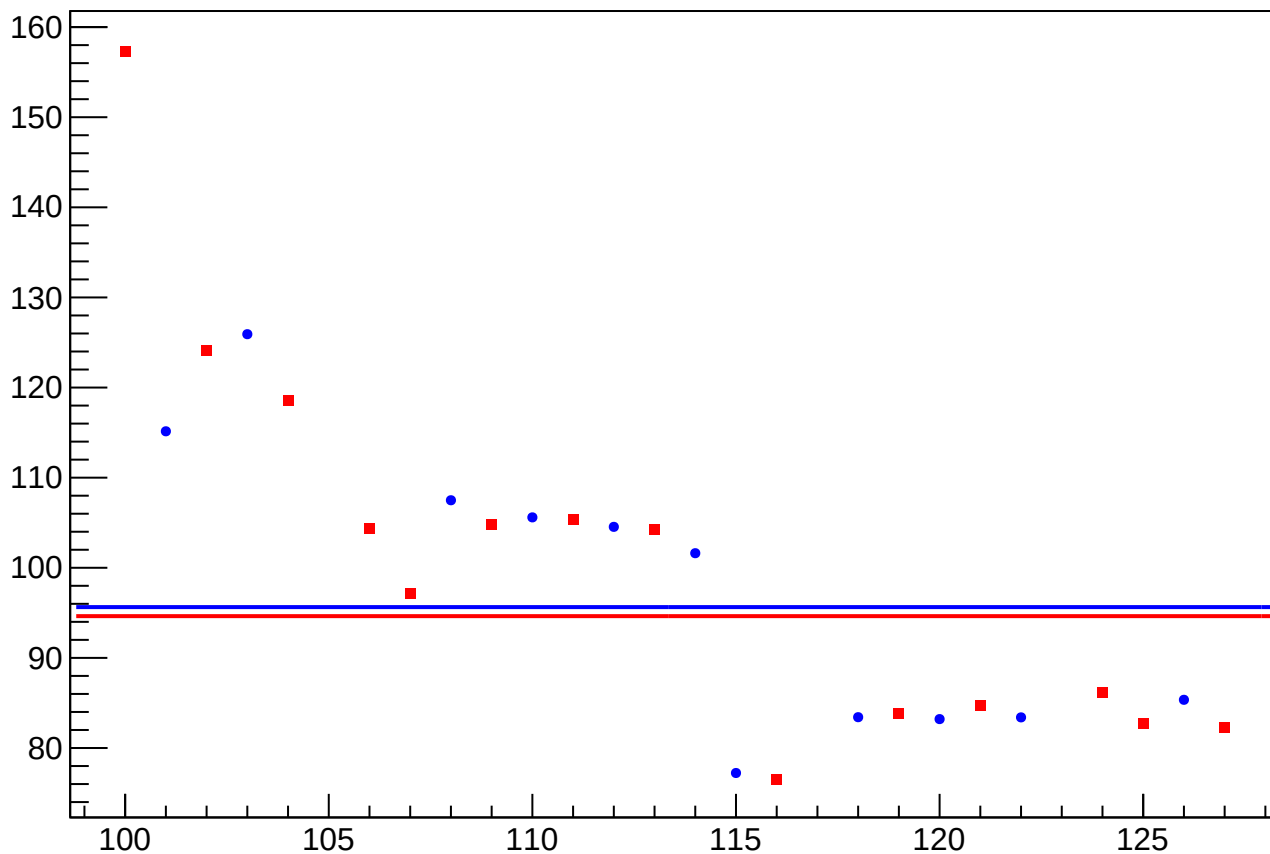
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.903 $\pm$ 30.617 χ^2 /NDF: 55.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_24_68_dd_rms vs Slug



Right In: 95.637 $\pm$ 0.032 χ^2 /NDF: 215139.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 94.633 $\pm$ 0.029 χ^2 /NDF: 268396.6/13

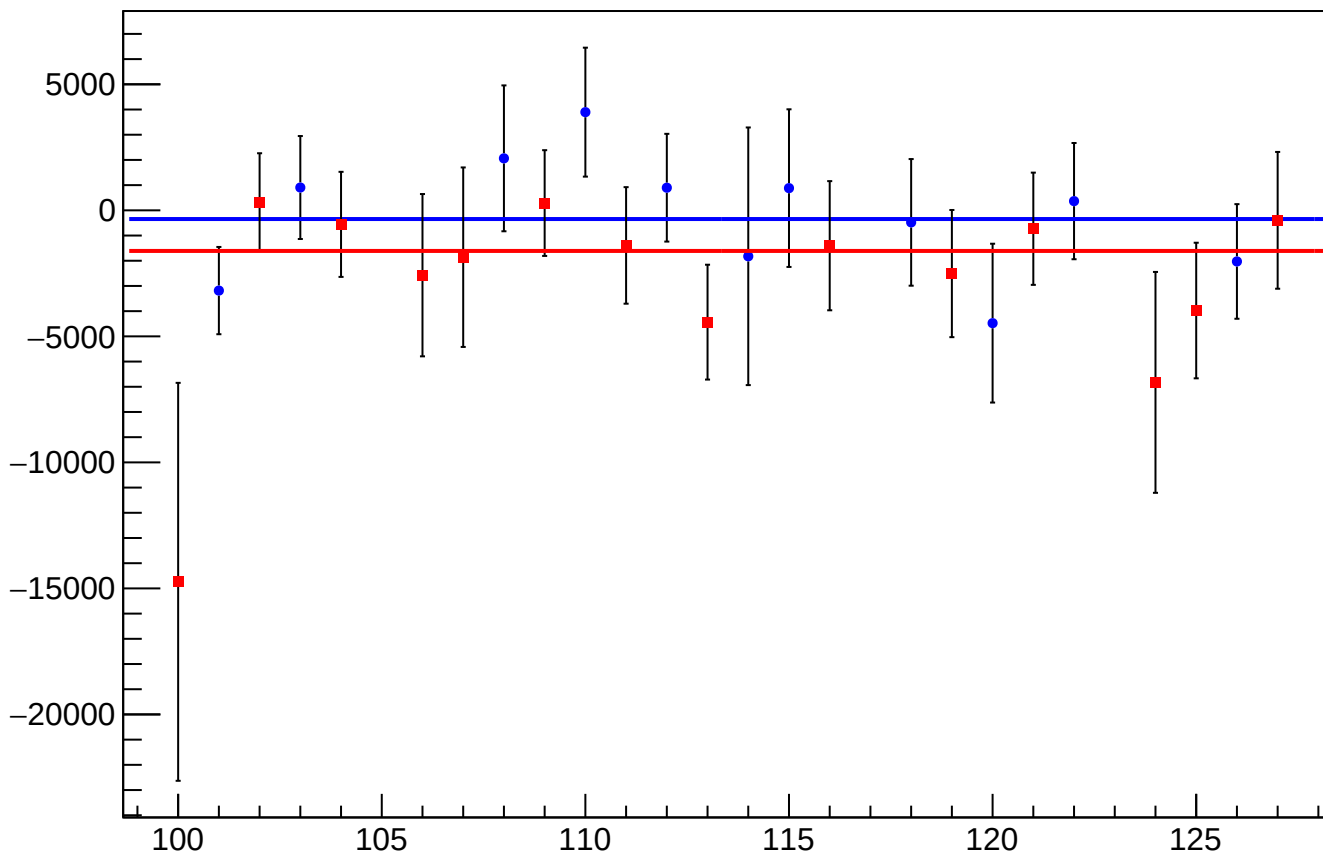
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 95.081 $\pm$ 0.022 χ^2 /NDF: 484067.2/24

- 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: -345.120+/-736.070 χ^2/NDF : 9.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1610.938+/-684.798 χ^2/NDF : 9.2/13

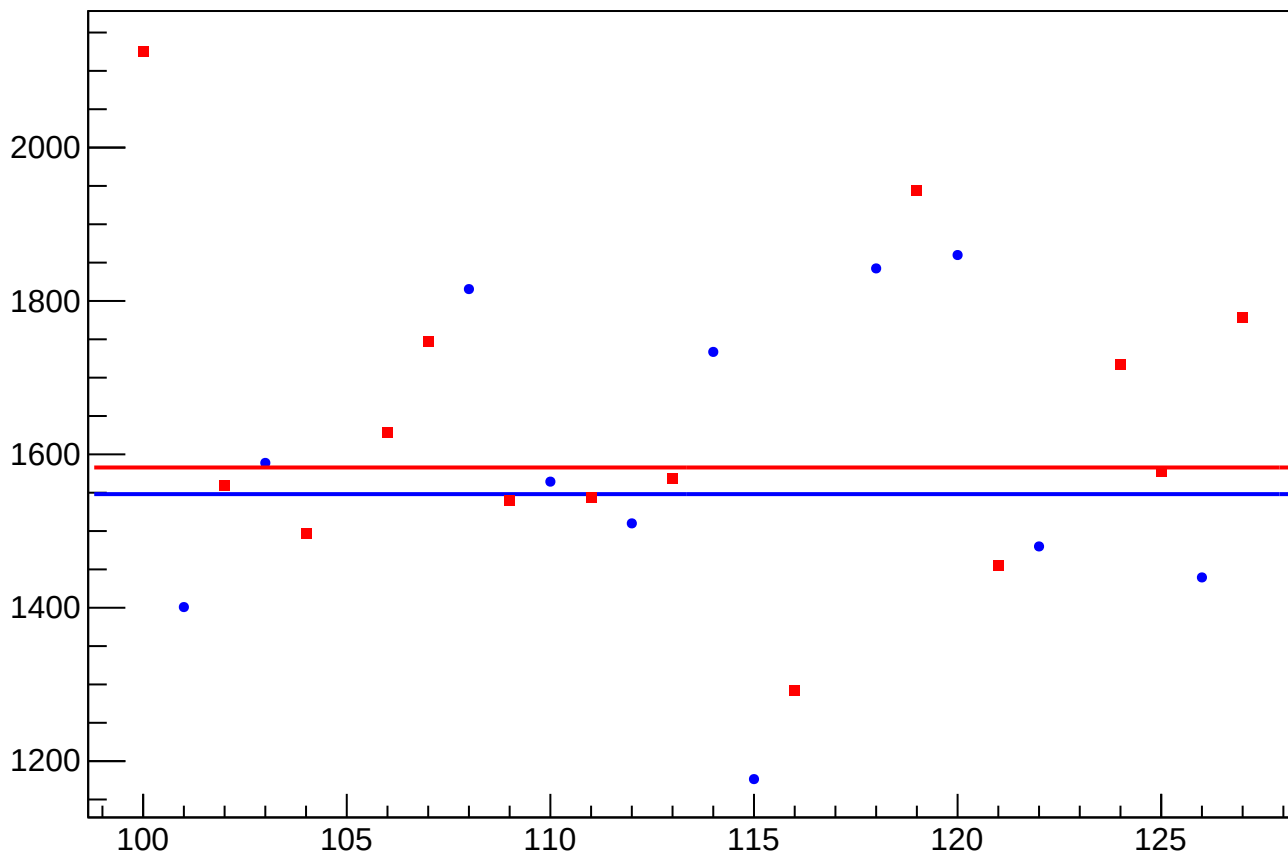
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1023.646+/-501.372 χ^2/NDF : 20.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_eigen_cor_correction_rms vs Slug



Right In: 1548.151+/-0.520 χ^2/NDF : 117263.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1582.888+/-0.484 χ^2/NDF : 104870.2/13

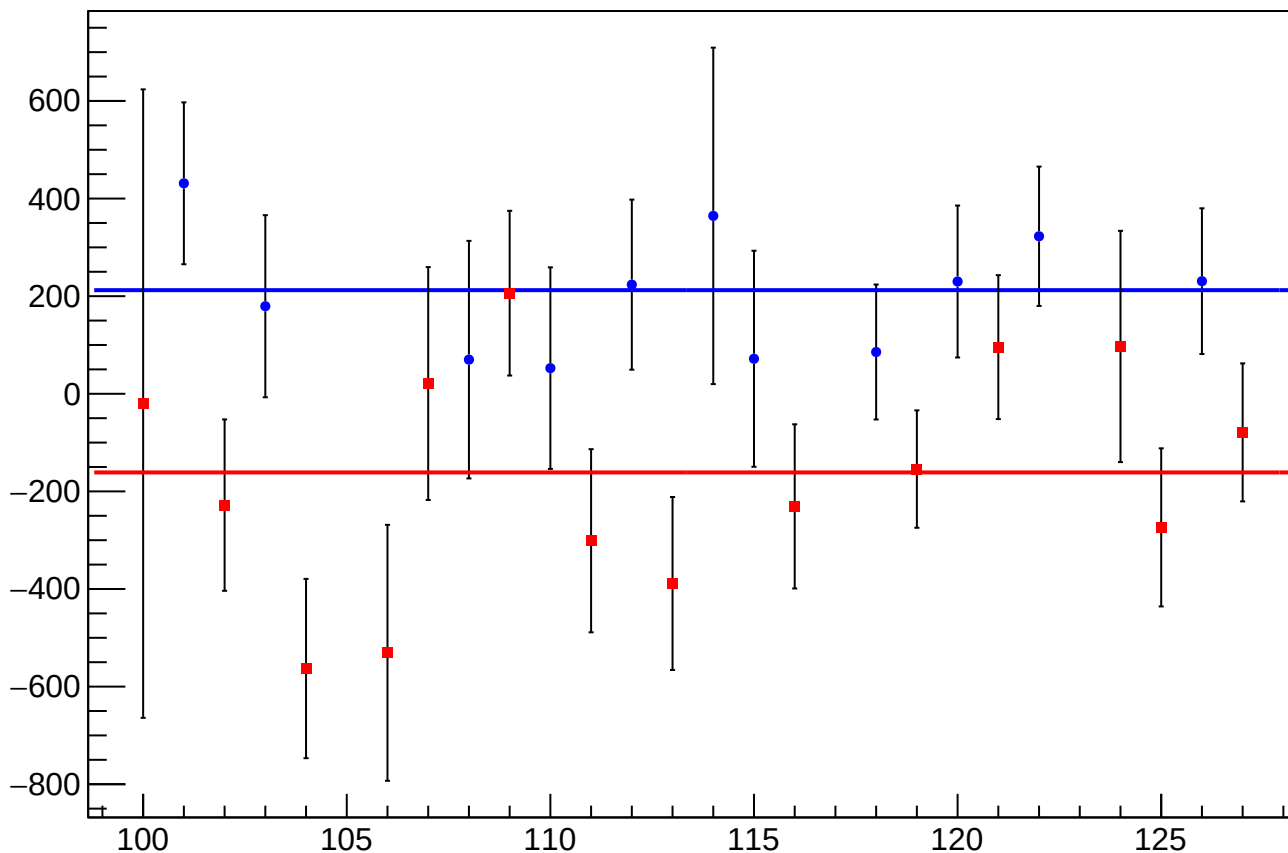
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1566.771+/-0.355 χ^2/NDF : 224521.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_24_68_dd_mean vs Slug



Right In: 212.324 $\pm$ 53.094 χ^2 /NDF: 4.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -161.155 $\pm$ 47.228 χ^2 /NDF: 19.7/13

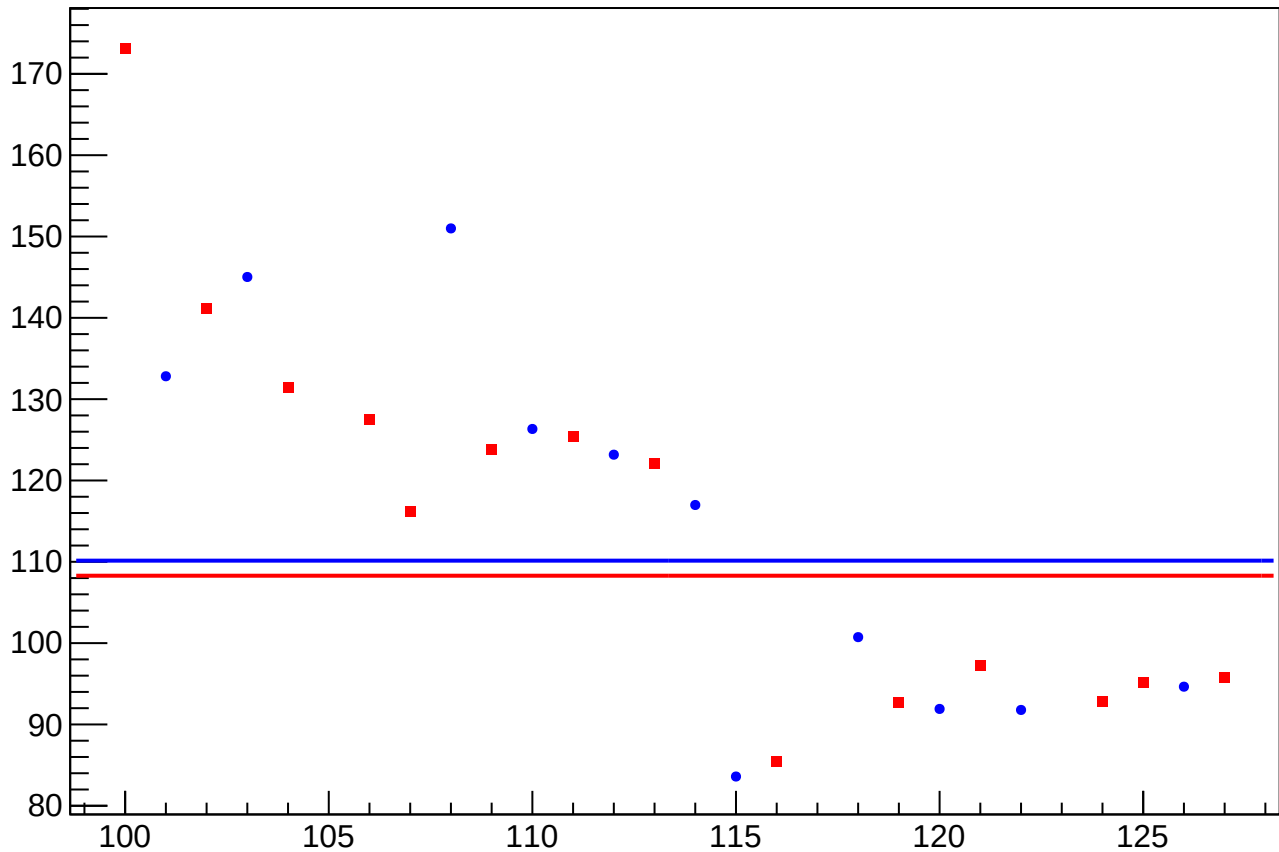
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.822 $\pm$ 35.287 χ^2 /NDF: 52.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_24_68_dd_rms vs Slug



Right In: 110.142 $\pm$ 0.038 χ^2 /NDF: 308062.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 108.290 $\pm$ 0.033 χ^2 /NDF: 299915.0/13

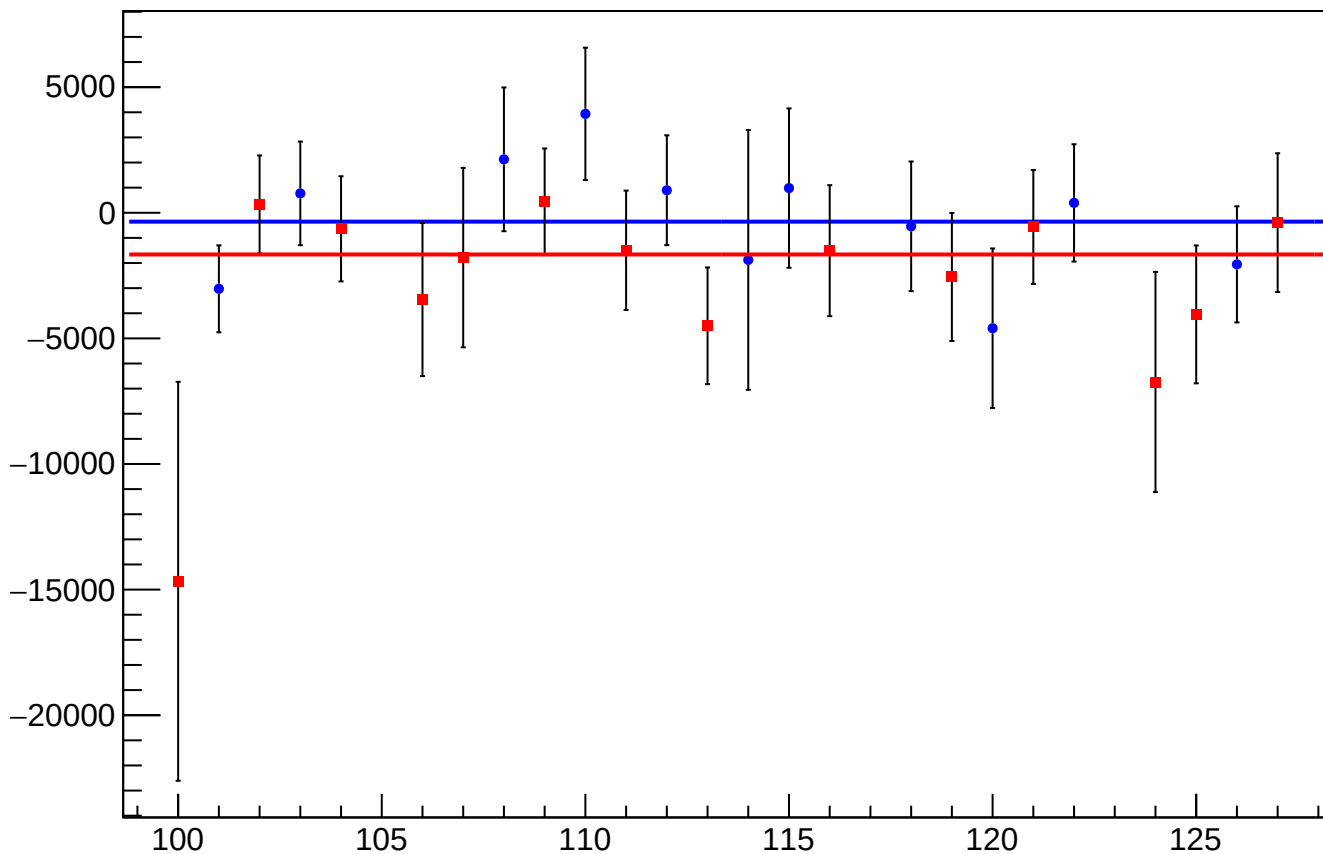
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 109.108 $\pm$ 0.025 χ^2 /NDF: 609336.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_dit_correction_mean vs Slug



Right In: -353.283+/-745.100 χ^2/NDF : 9.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1660.291+/-691.822 χ^2/NDF : 9.5/13

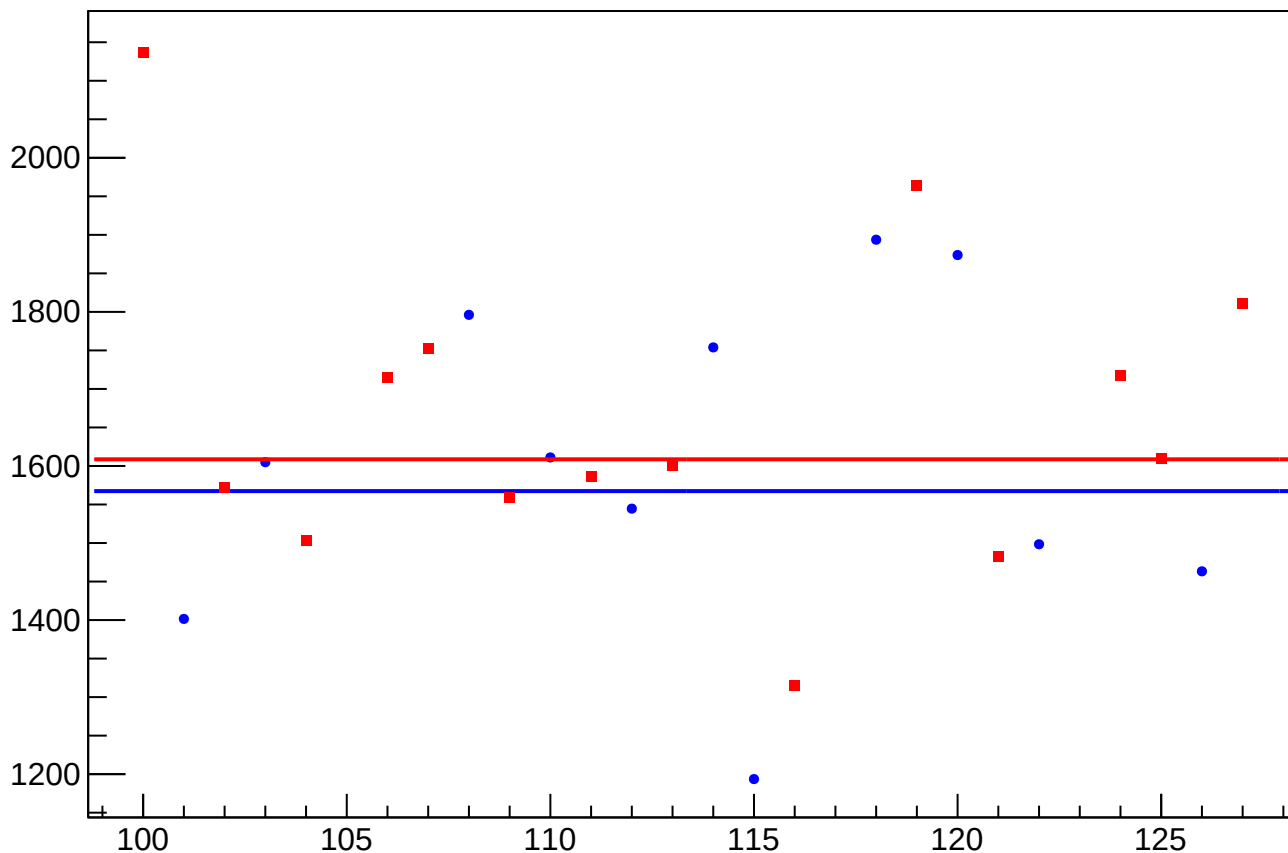
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1055.181+/-506.982 χ^2/NDF : 20.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_dit_correction_rms vs Slug



Right In: 1567.391+/-0.527 χ^2/NDF : 119394.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1608.647+/-0.489 χ^2/NDF : 104079.7/13

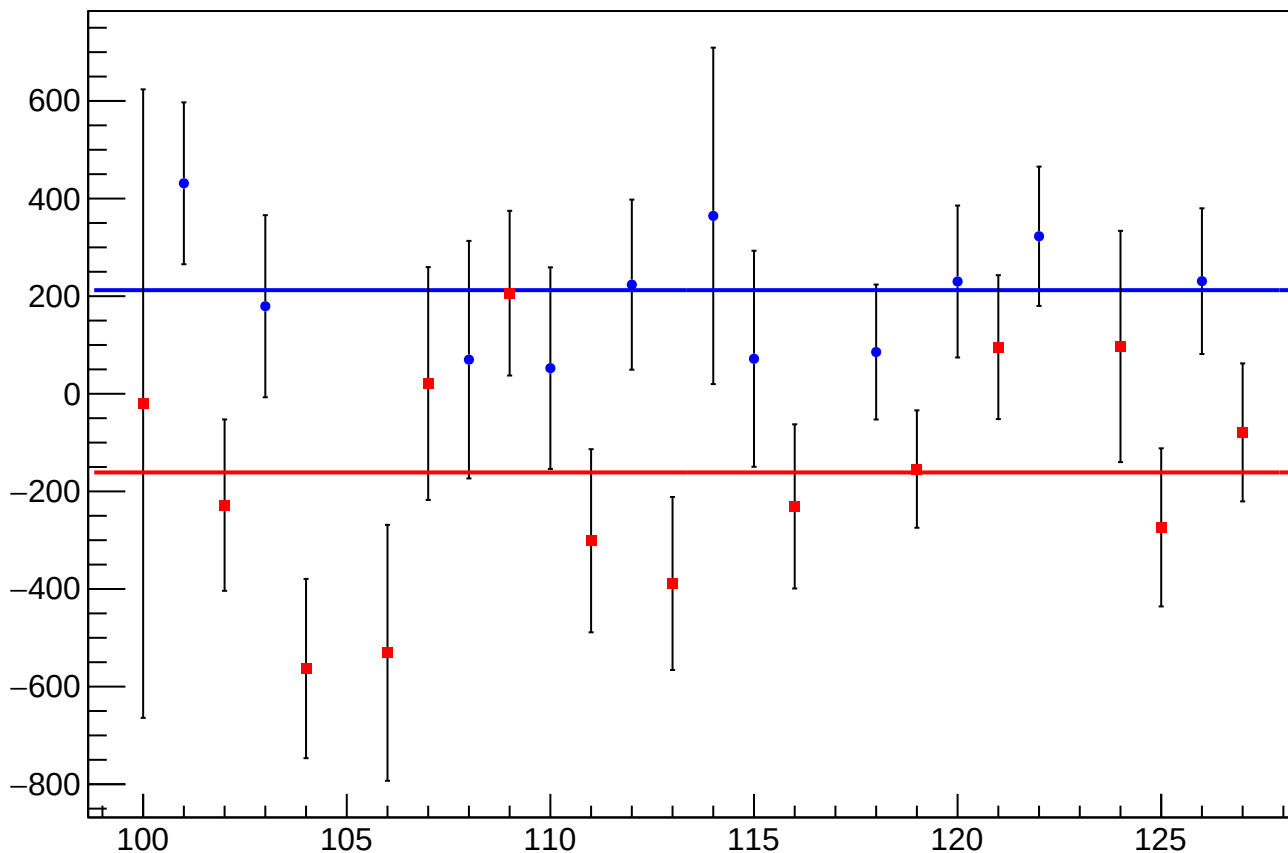
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1589.547+/-0.358 χ^2/NDF : 226766.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_24_68_dd_mean vs Slug



Right In: 212.323 $\pm$ 53.093 χ^2 /NDF: 4.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -161.152 $\pm$ 47.228 χ^2 /NDF: 19.7/13

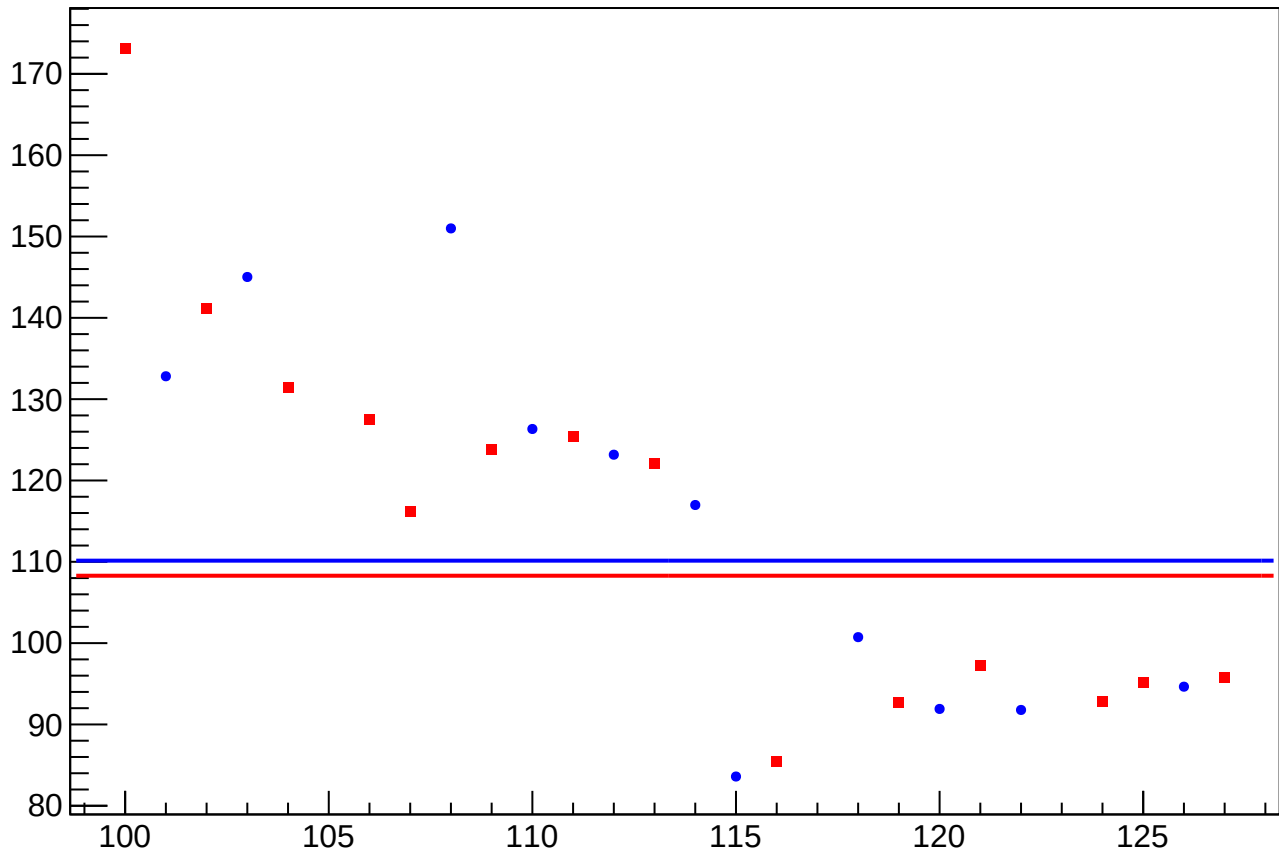
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.823 $\pm$ 35.287 χ^2 /NDF: 52.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_24_68_dd_rms vs Slug



Right In: 110.141+/-0.038 χ^2/NDF : 308059.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.289+/-0.033 χ^2/NDF : 299912.3/13

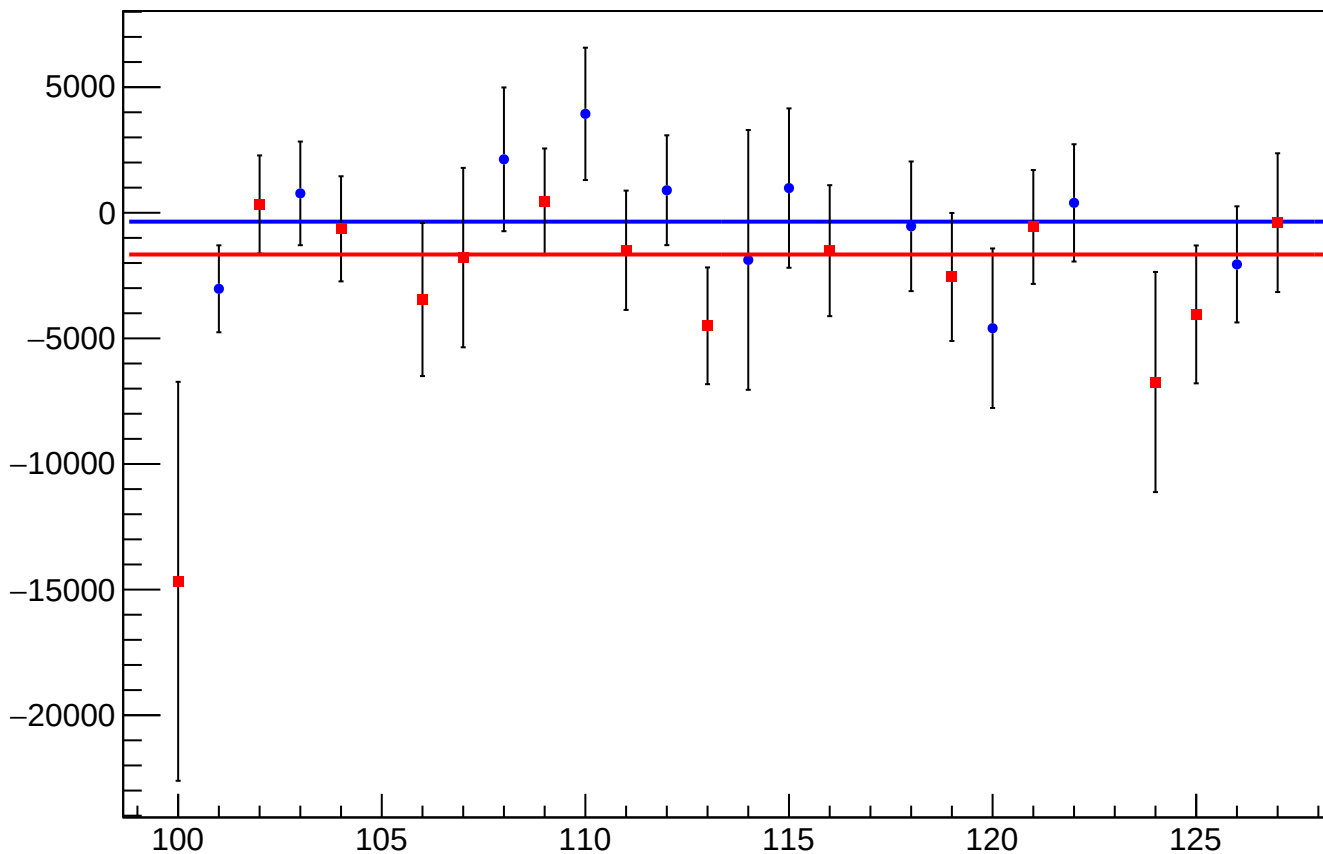
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.107+/-0.025 χ^2/NDF : 609331.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_eigen_dit_correction_mean vs Slug



Right In: -353.280 ± 745.098 χ^2/NDF : 9.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1660.289 ± 691.821 χ^2/NDF : 9.5/13

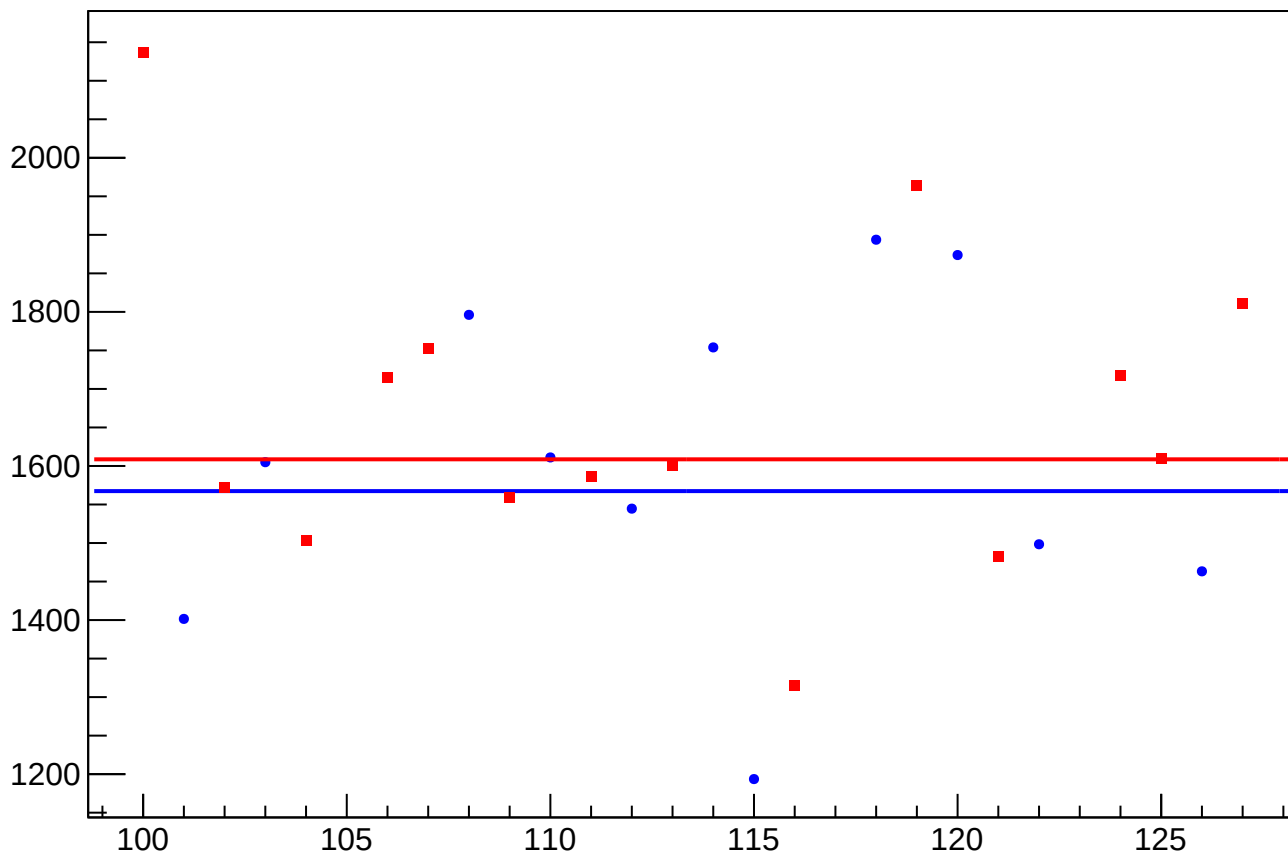
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1055.178 ± 506.981 χ^2/NDF : 20.2/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_eigen_dit_correction_rms vs Slug



Right In: 1567.388 $\pm$ 0.527 χ^2 /NDF: 119393.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1608.644 $\pm$ 0.489 χ^2 /NDF: 104079.9/13

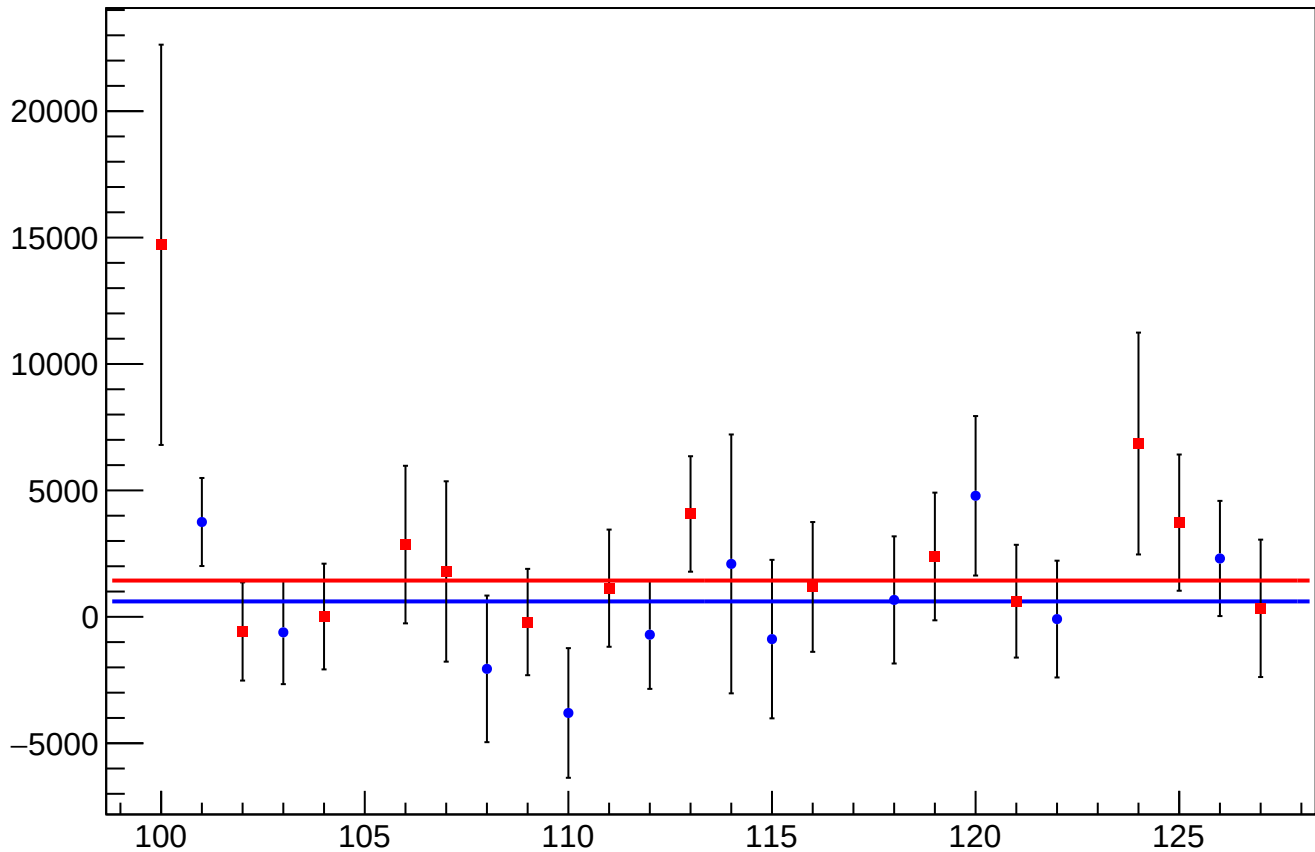
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1589.544 $\pm$ 0.358 χ^2 /NDF: 226765.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_mean vs Slug



Right In: 609.414 $\pm$ 738.080 χ^2 /NDF: 10.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1434.809 $\pm$ 685.138 χ^2 /NDF: 9.2/13

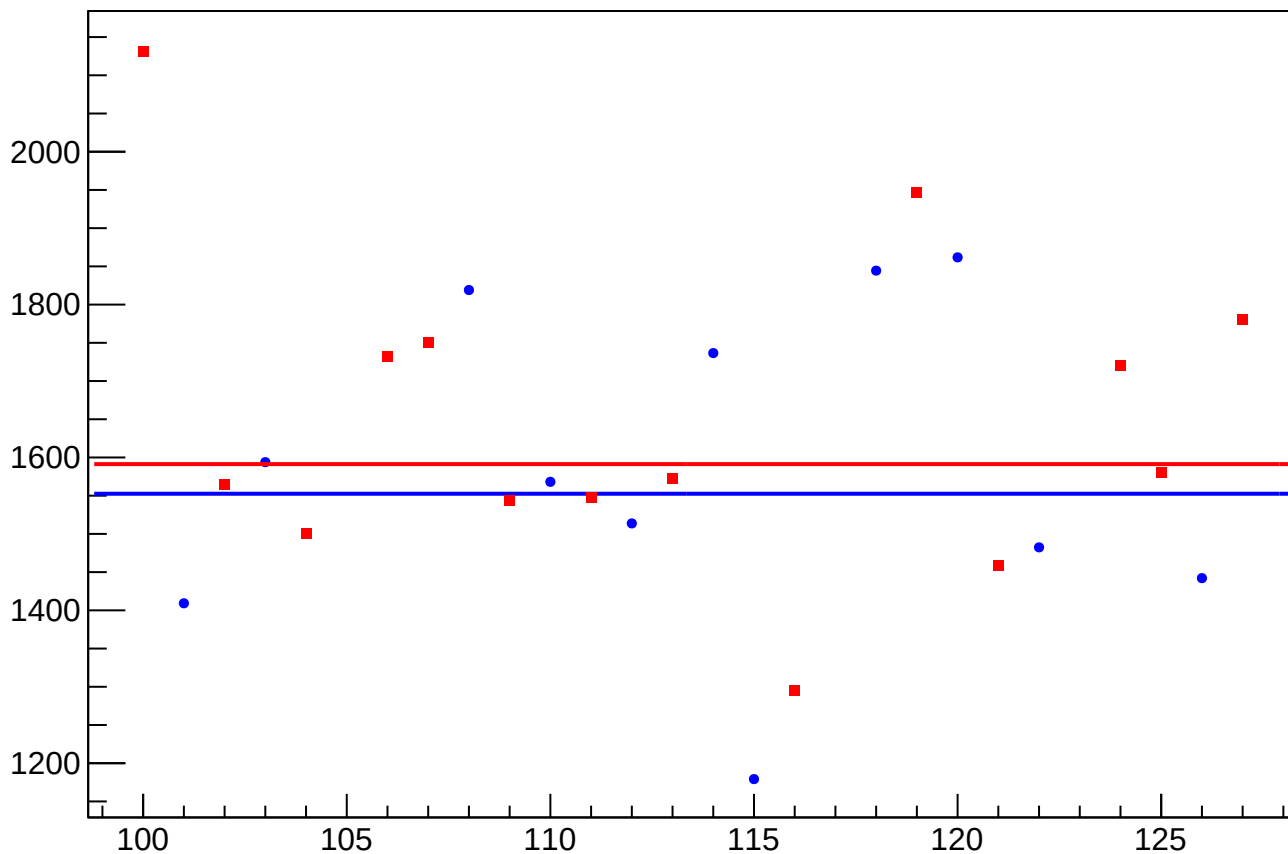
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1052.773 $\pm$ 502.140 χ^2 /NDF: 20.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_rms vs Slug



Right In: 1552.555+/-0.522 χ^2/NDF : 115665.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1591.316+/-0.484 χ^2/NDF : 108076.8/13

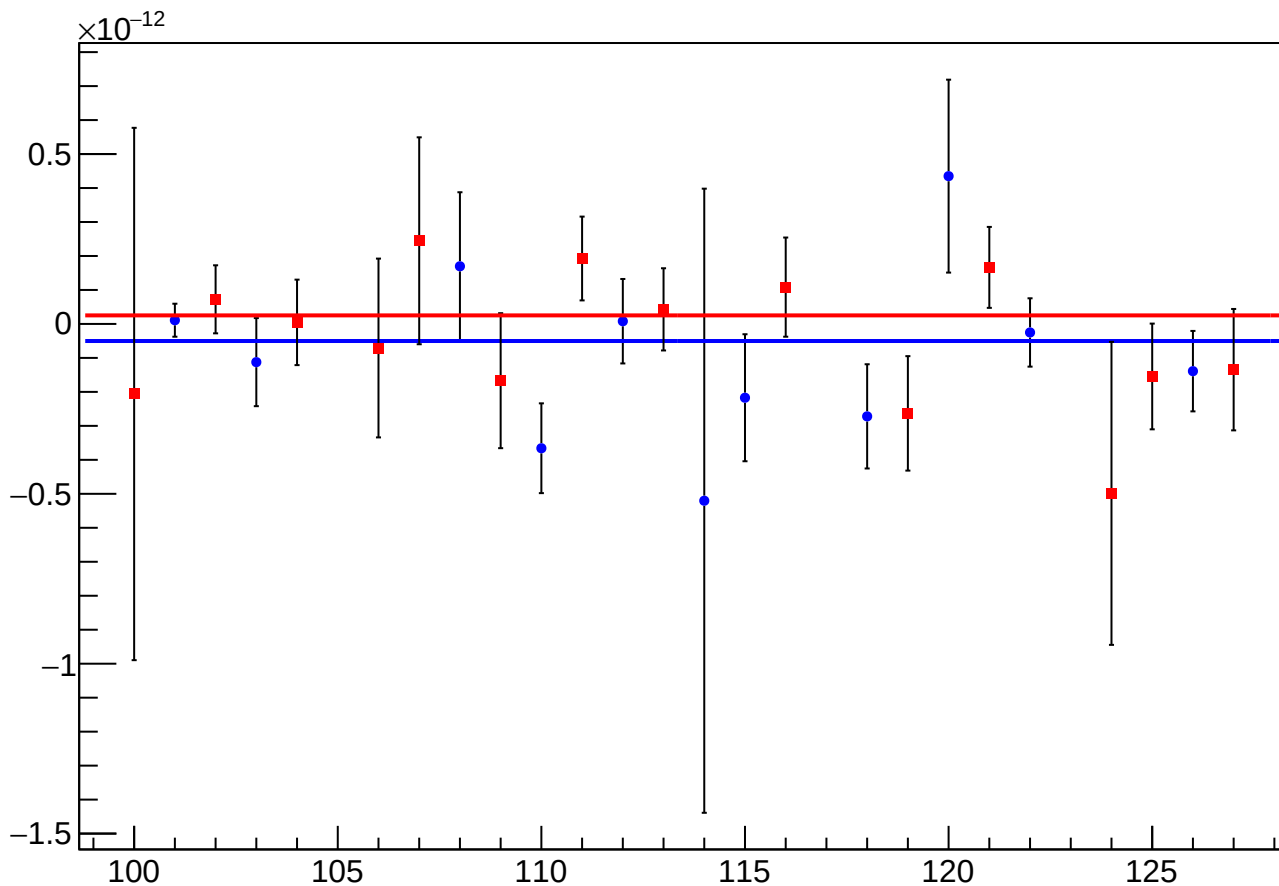
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1573.375+/-0.355 χ^2/NDF : 226705.2/24

- sign 0.000+/-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: 15.5/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 12.0/13

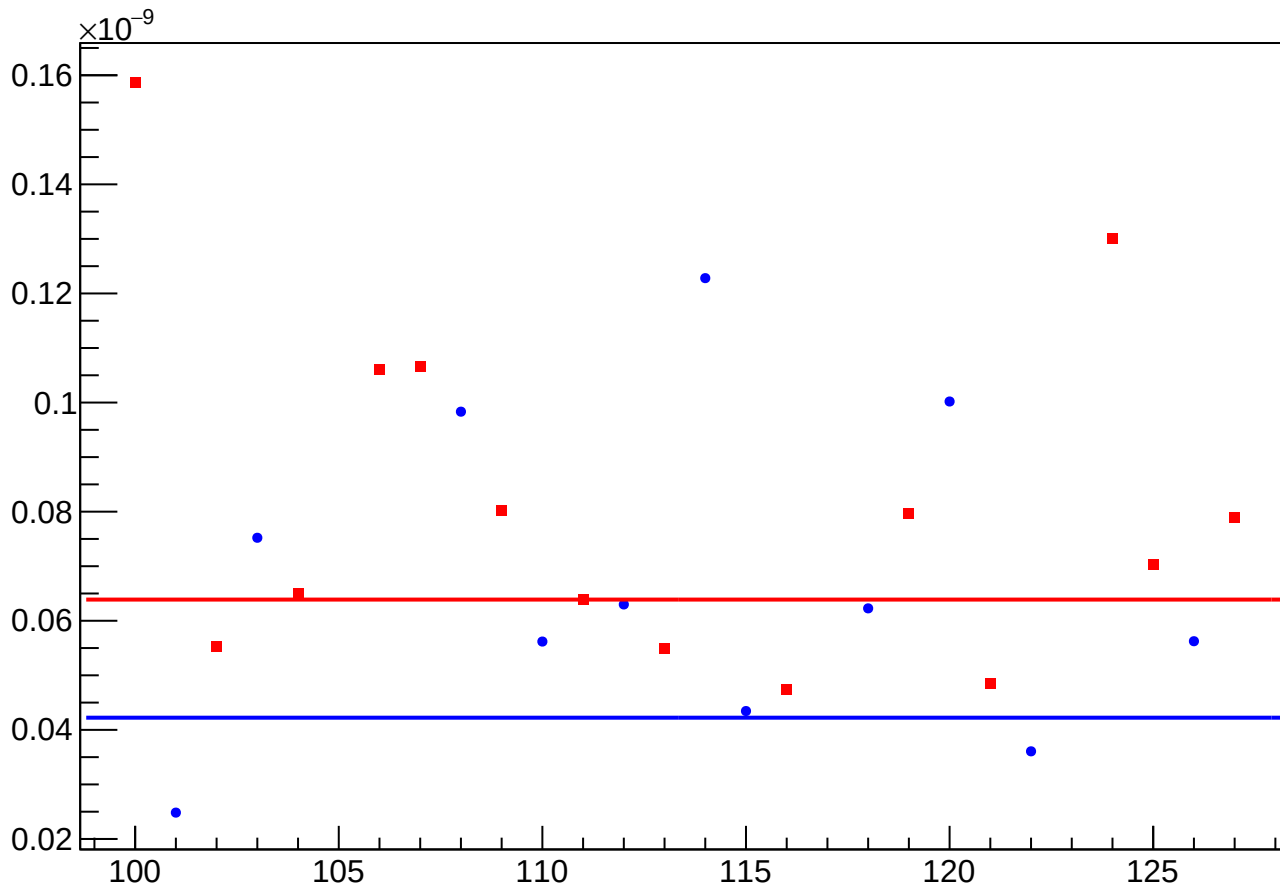
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 29.4/24

- 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: 765519.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 296908.3/13

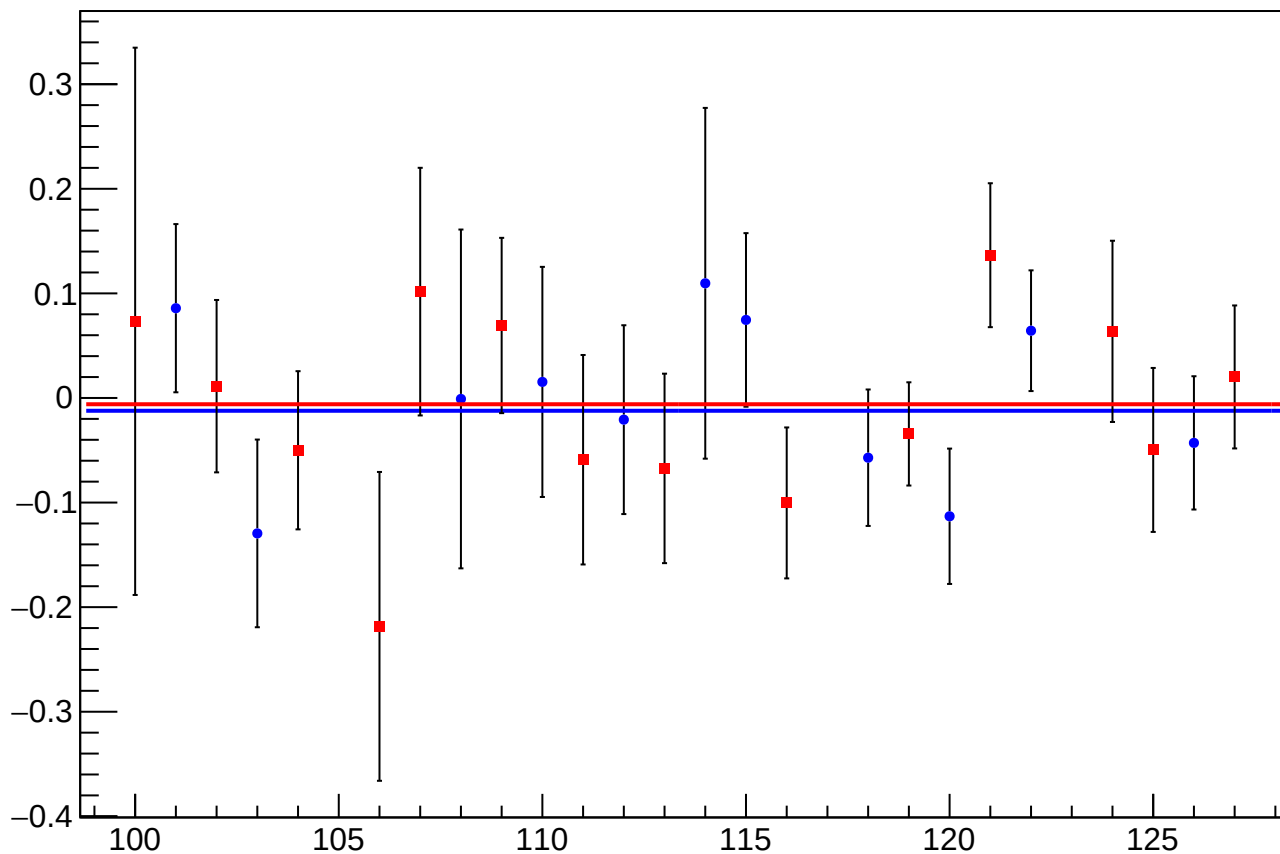
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1390237.2/24

- 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: -0.012 ± 0.024 χ^2/NDF : 9.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.006 ± 0.022 χ^2/NDF : 12.3/13

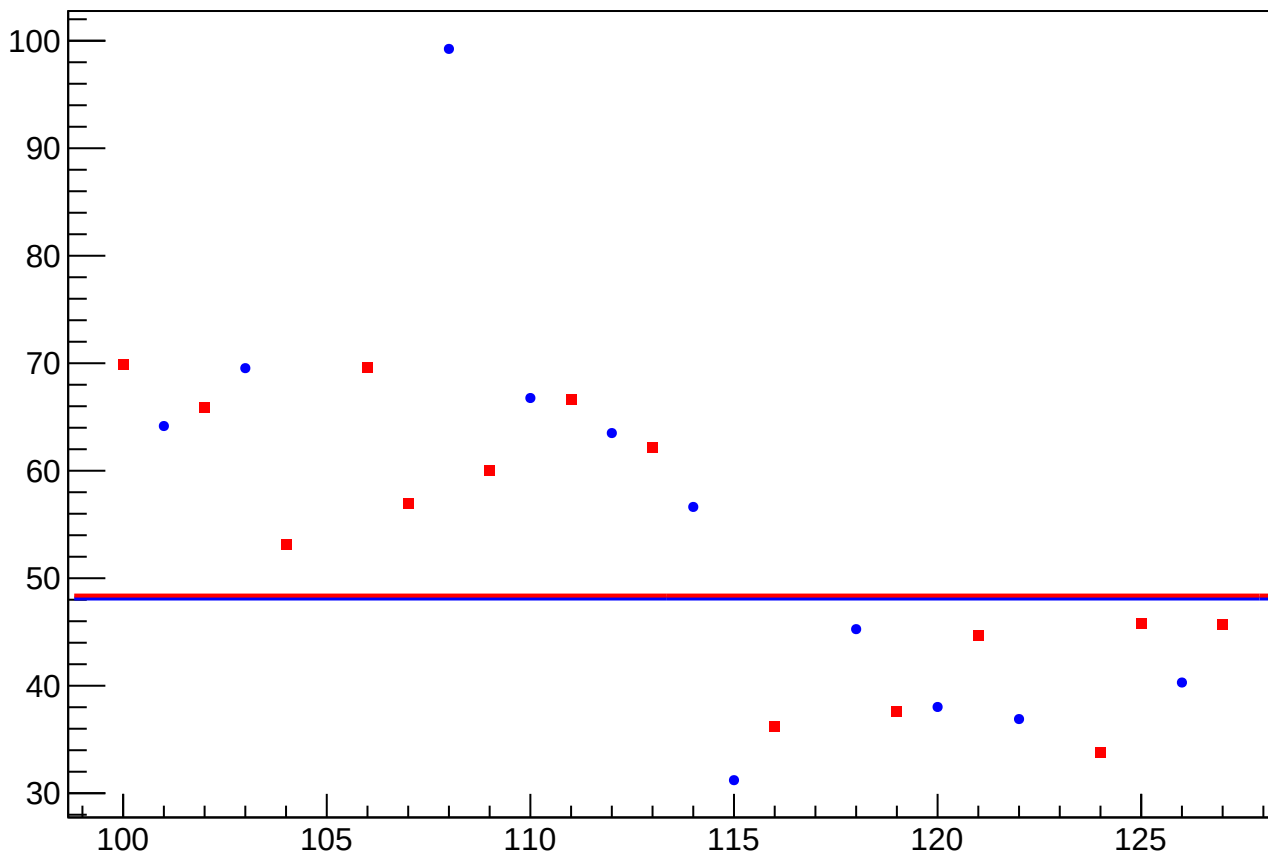
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.016 χ^2/NDF : 22.2/24

- 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: 48.113+/-0.017 χ^2/NDF : 754771.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.387+/-0.015 χ^2/NDF : 534858.4/13

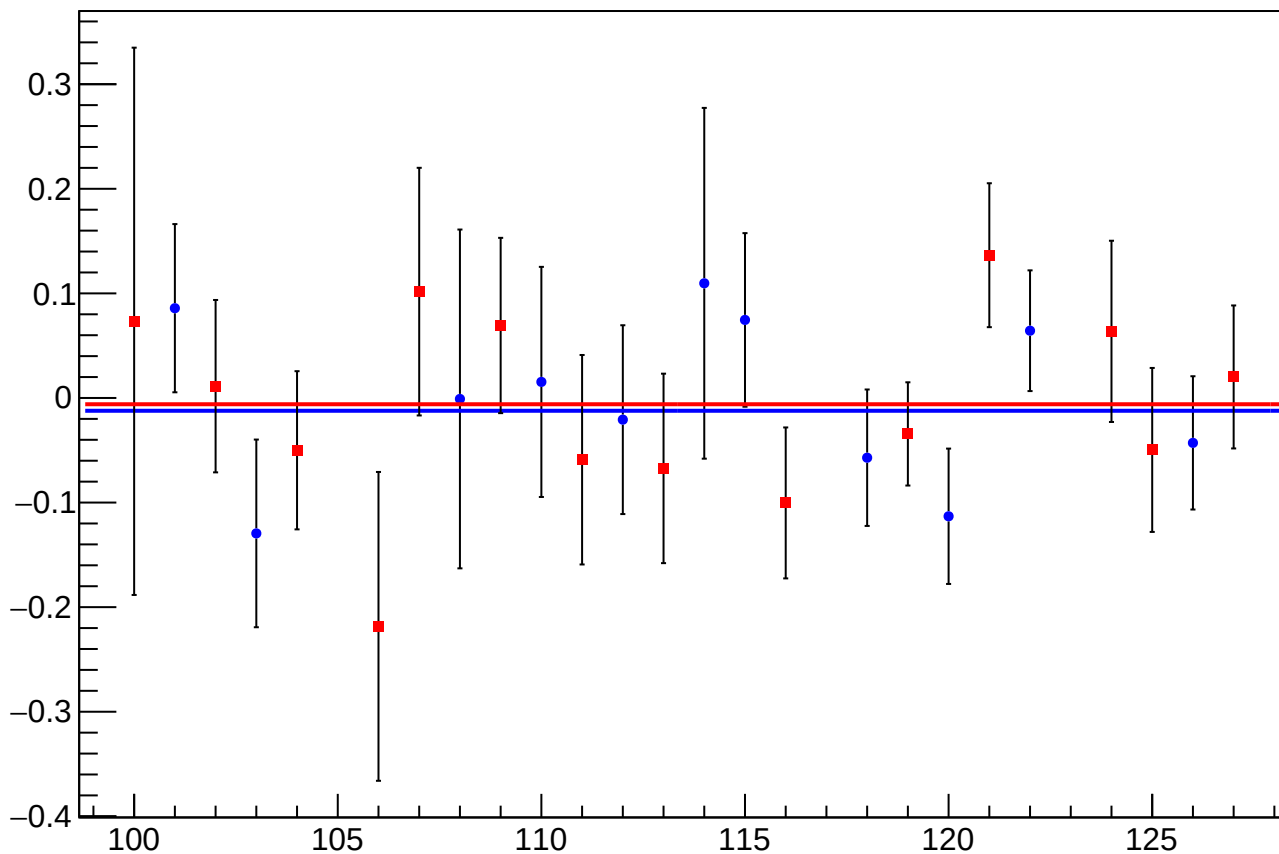
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.265+/-0.011 χ^2/NDF : 1289773.4/24

- 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: -0.012 $\pm$ 0.024 χ^2 /NDF: 9.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.006 $\pm$ 0.022 χ^2 /NDF: 12.3/13

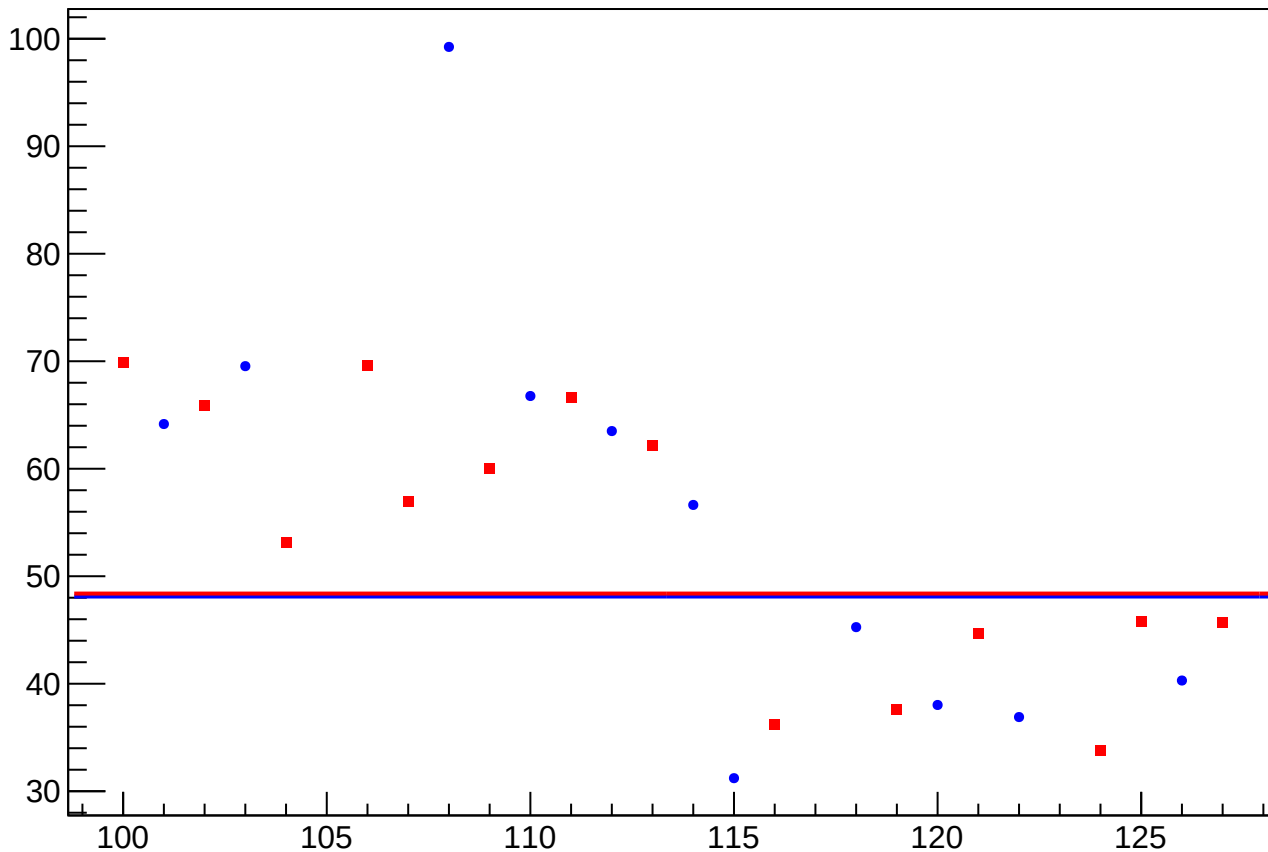
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.009 $\pm$ 0.016 χ^2 /NDF: 22.2/24

- 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: 48.113+/-0.017 χ^2/NDF : 754771.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.387+/-0.015 χ^2/NDF : 534858.4/13

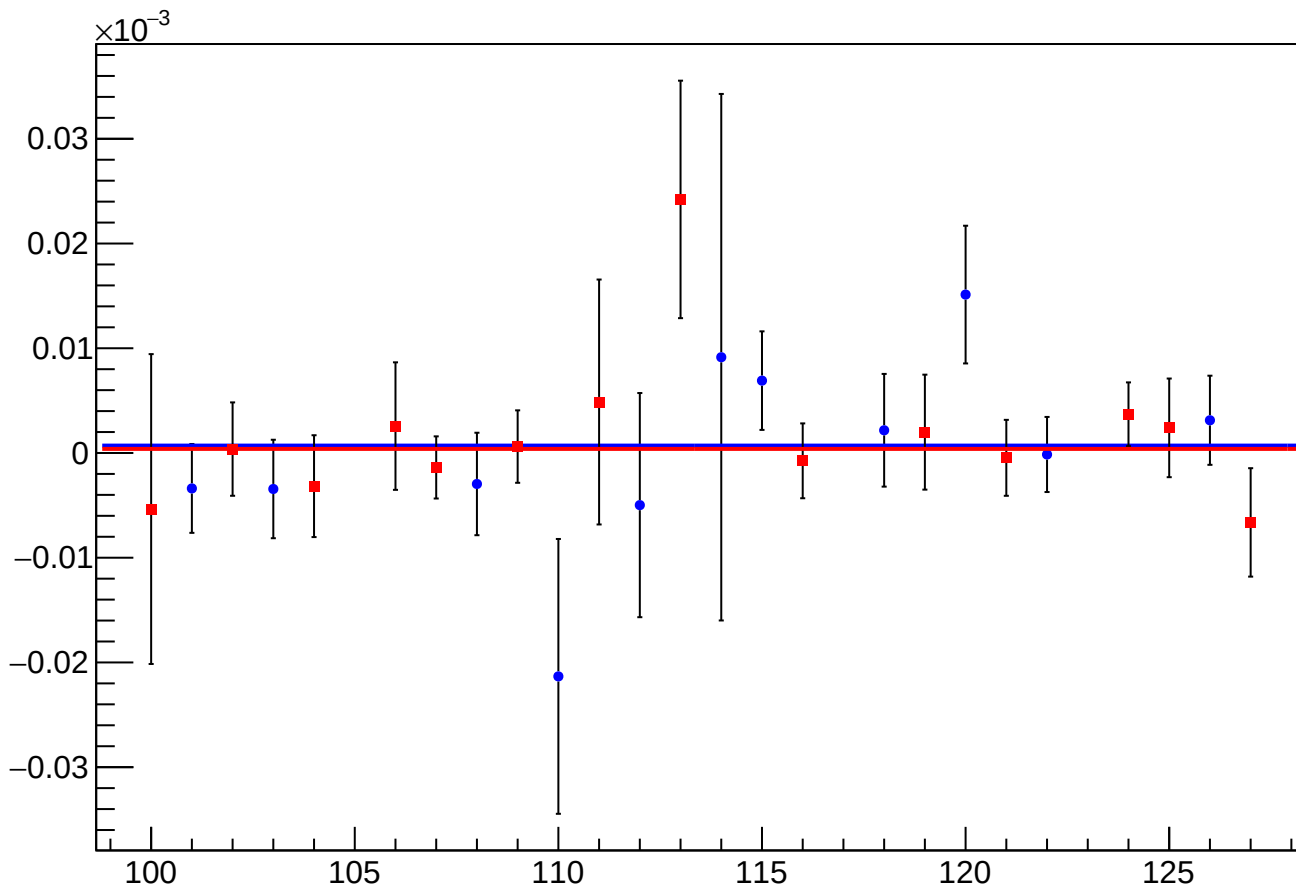
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.265+/-0.011 χ^2/NDF : 1289773.4/24

- 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: 12.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.2/13

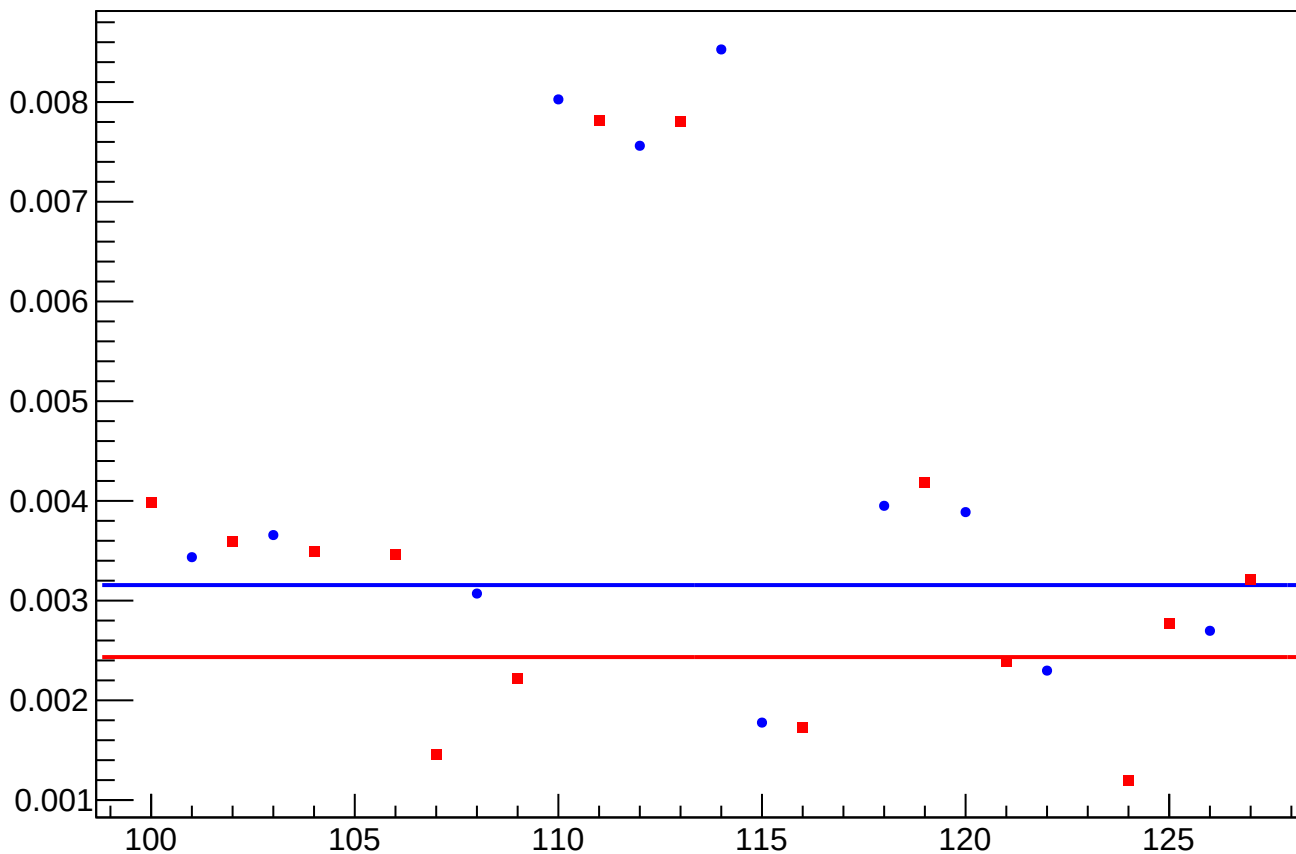
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 21.7/24

- 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 : 1115876.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2072695.7/13

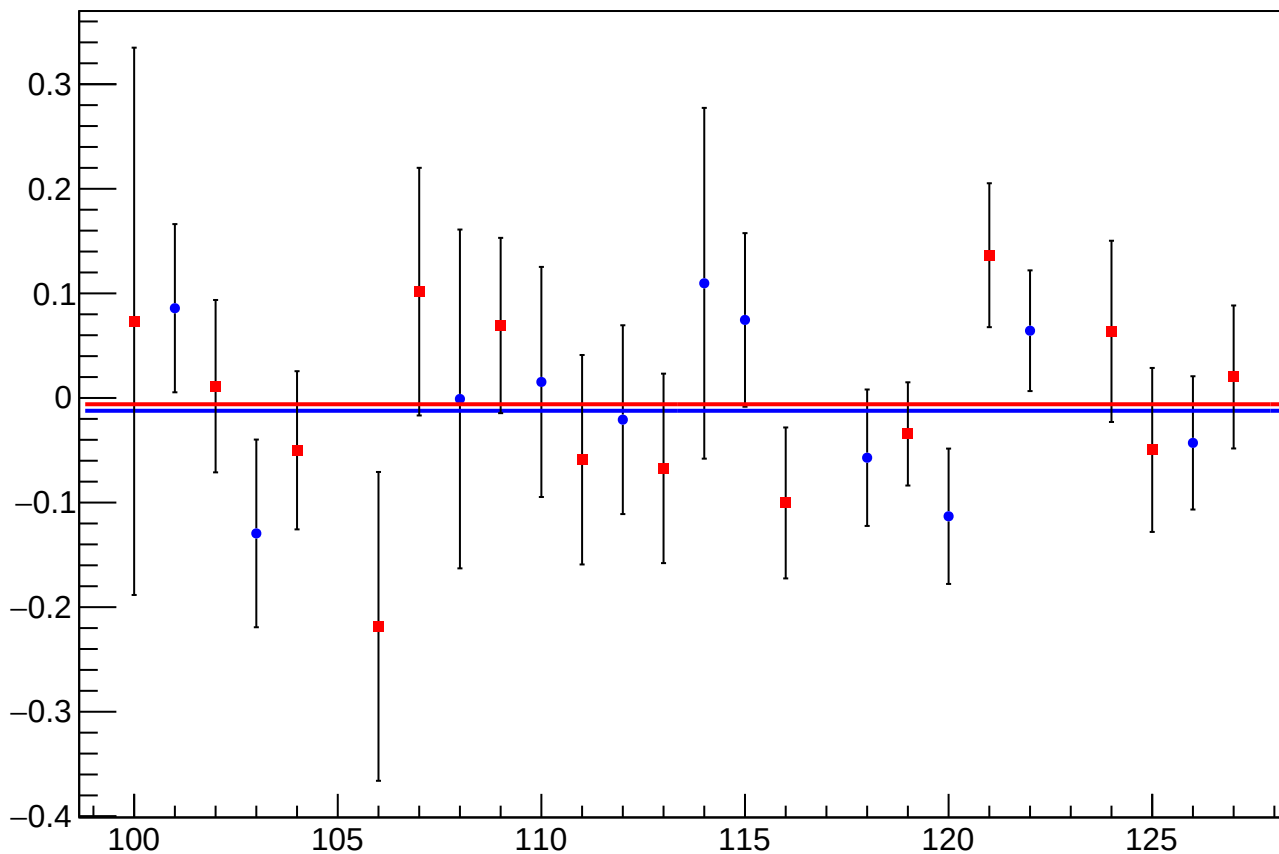
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3453463.9/24

- 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: -0.012 ± 0.024 χ^2/NDF : 9.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.006 ± 0.022 χ^2/NDF : 12.3/13

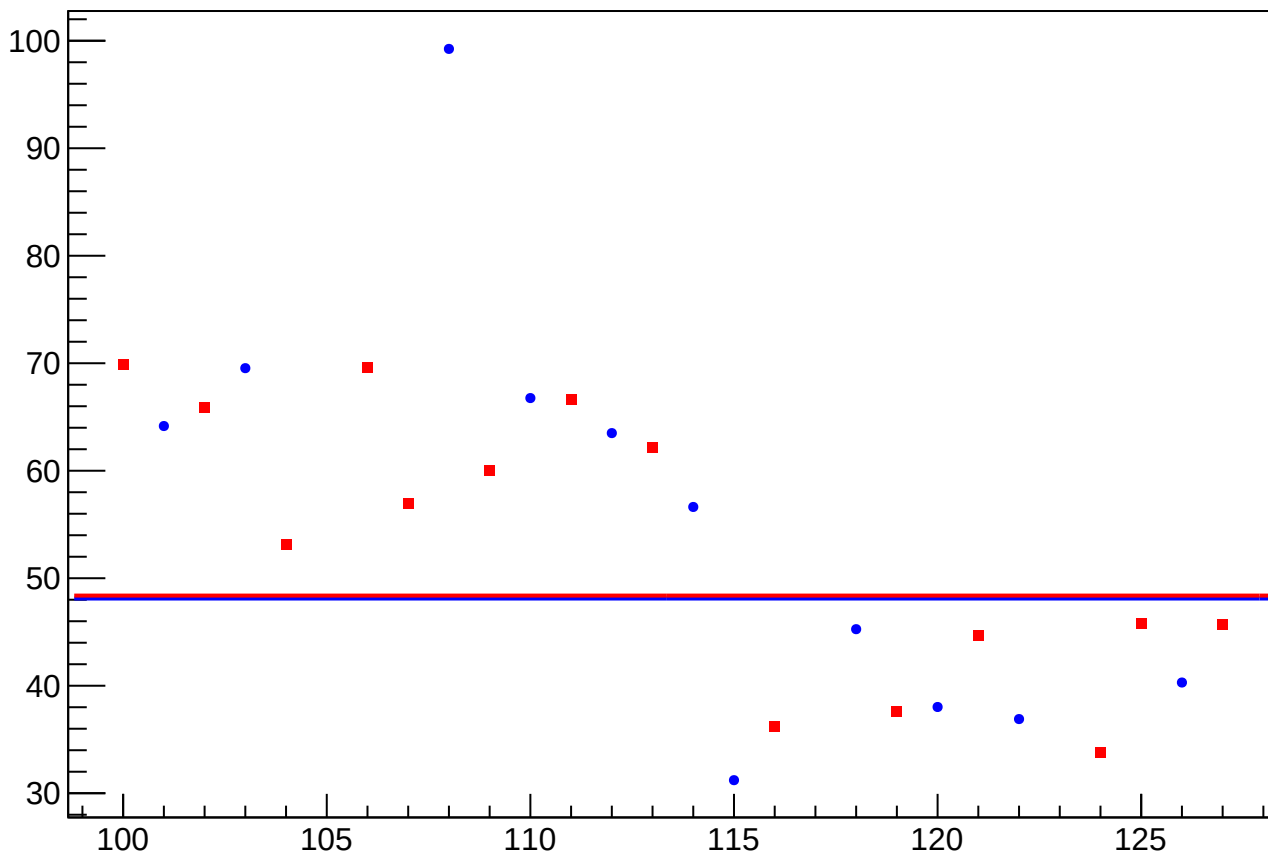
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.016 χ^2/NDF : 22.2/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 48.112 $\pm$ 0.017 χ^2 /NDF: 754754.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 48.386 $\pm$ 0.015 χ^2 /NDF: 534853.4/13

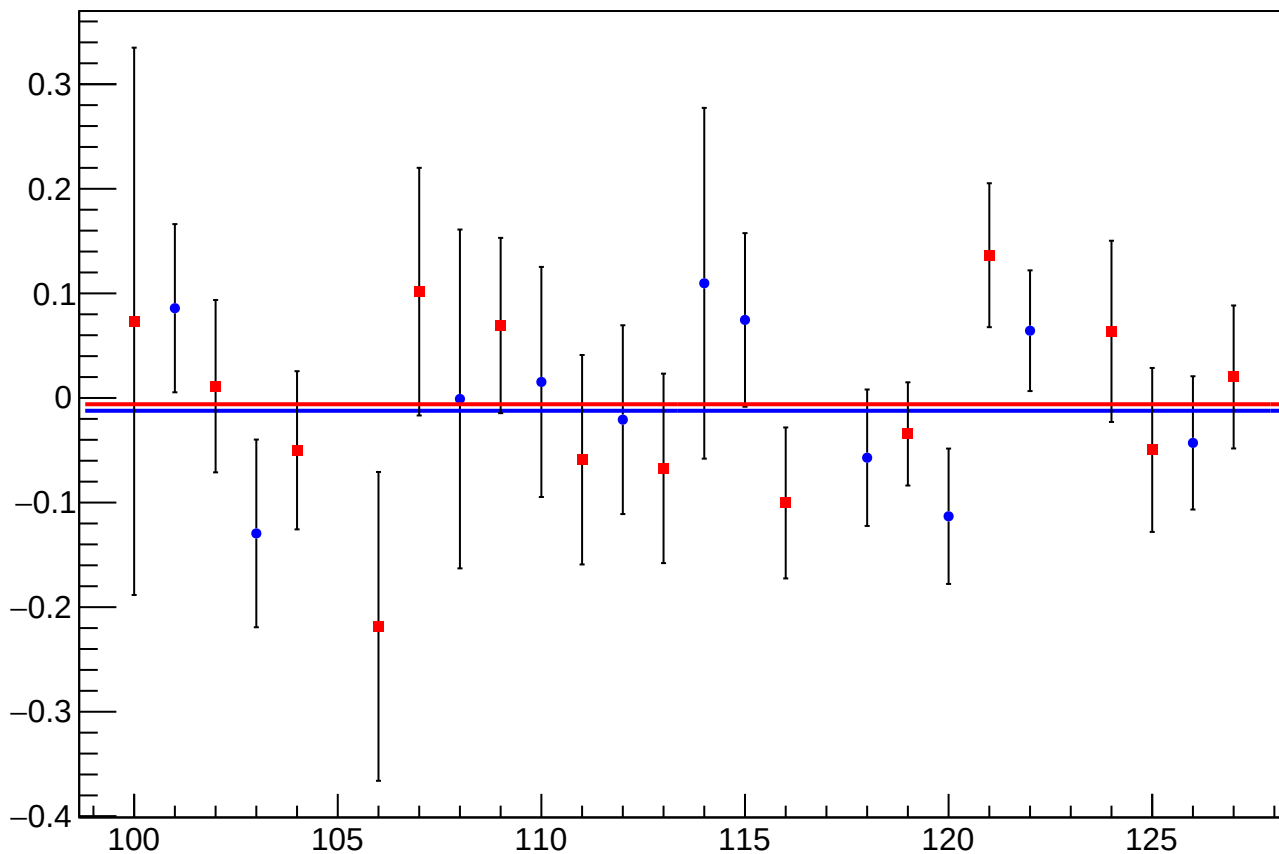
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 48.264 $\pm$ 0.011 χ^2 /NDF: 1289750.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.012 $\pm$ 0.024 χ^2 /NDF: 9.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.006 $\pm$ 0.022 χ^2 /NDF: 12.3/13

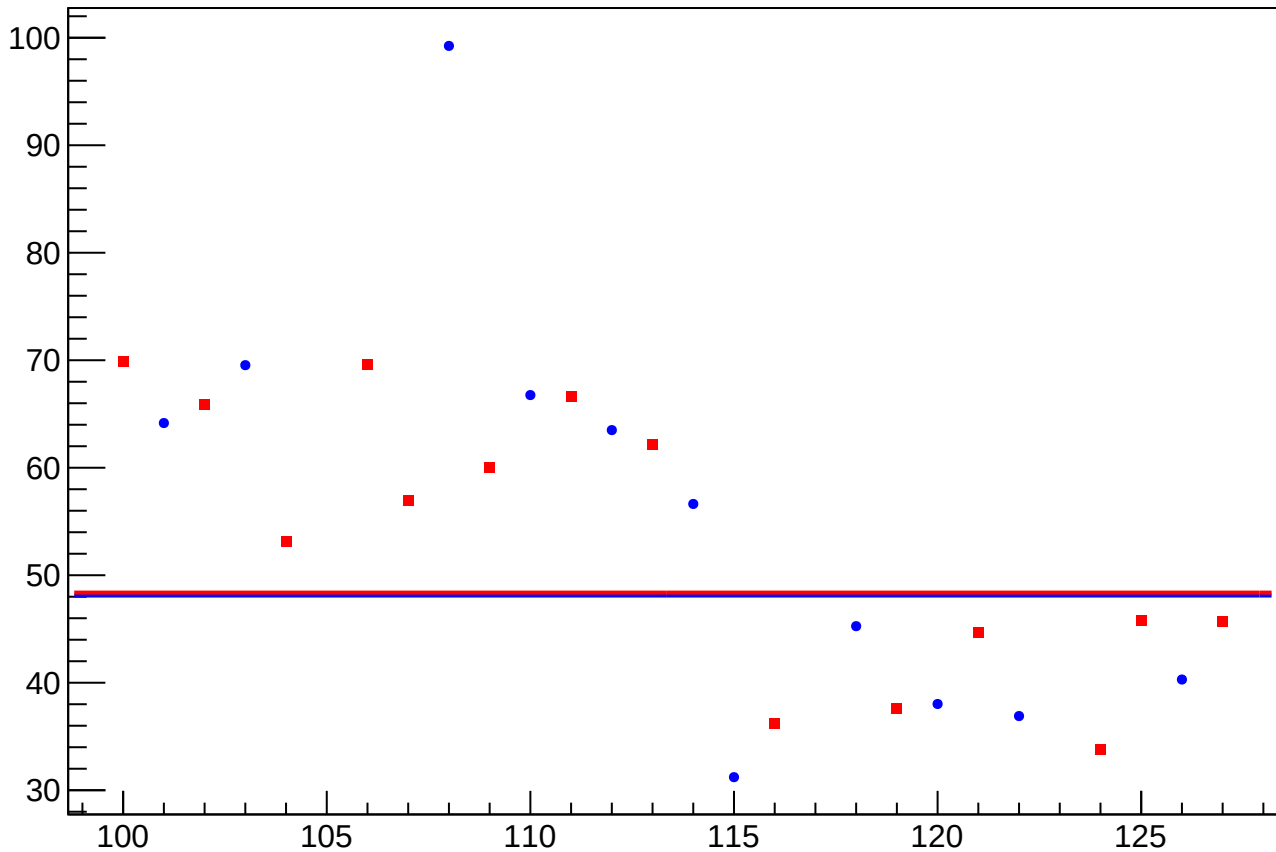
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.009 $\pm$ 0.016 χ^2 /NDF: 22.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 48.112 $\pm$ 0.017 χ^2 /NDF: 754754.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 48.386 $\pm$ 0.015 χ^2 /NDF: 534853.4/13

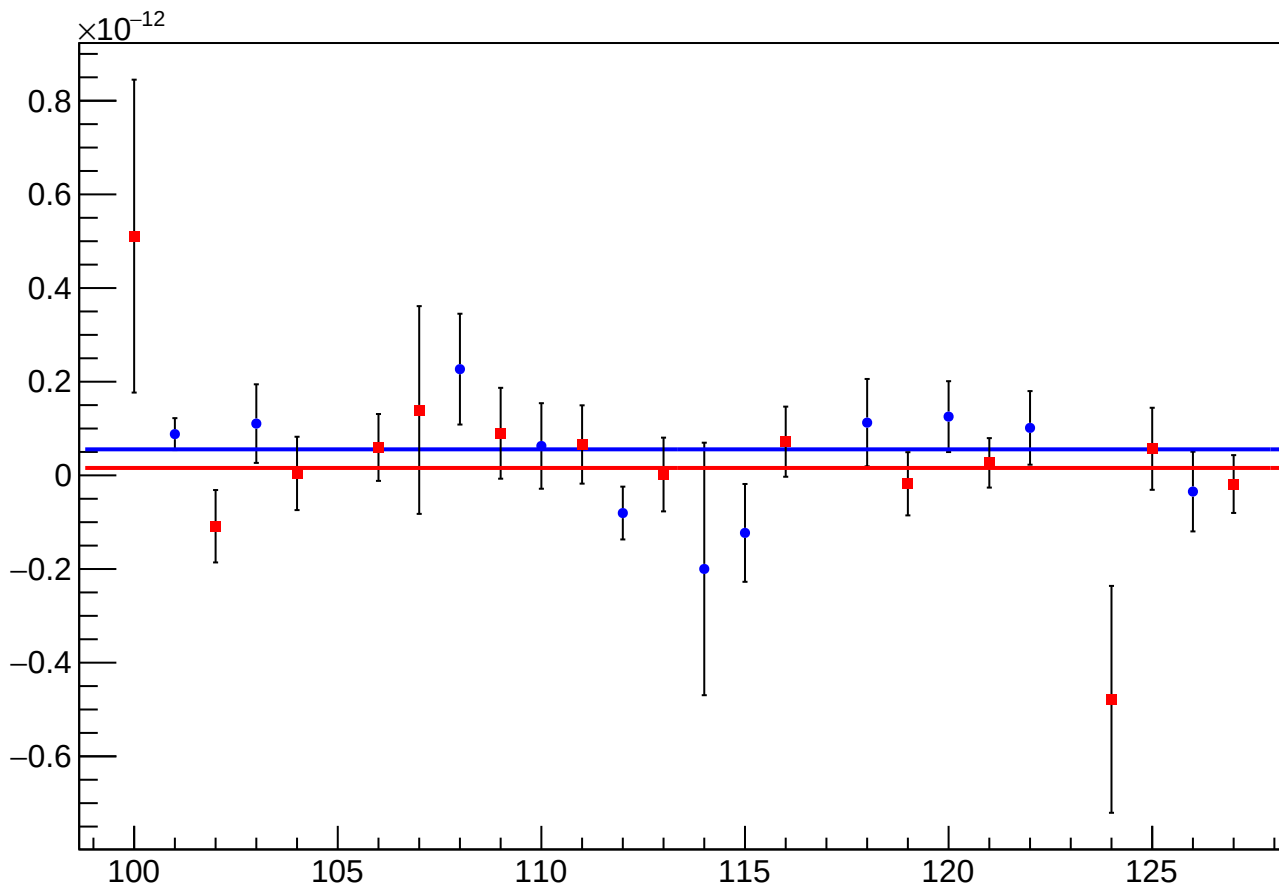
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 48.264 $\pm$ 0.011 χ^2 /NDF: 1289750.8/24

- sign 0.000 $\pm$ 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: 15.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.0/13

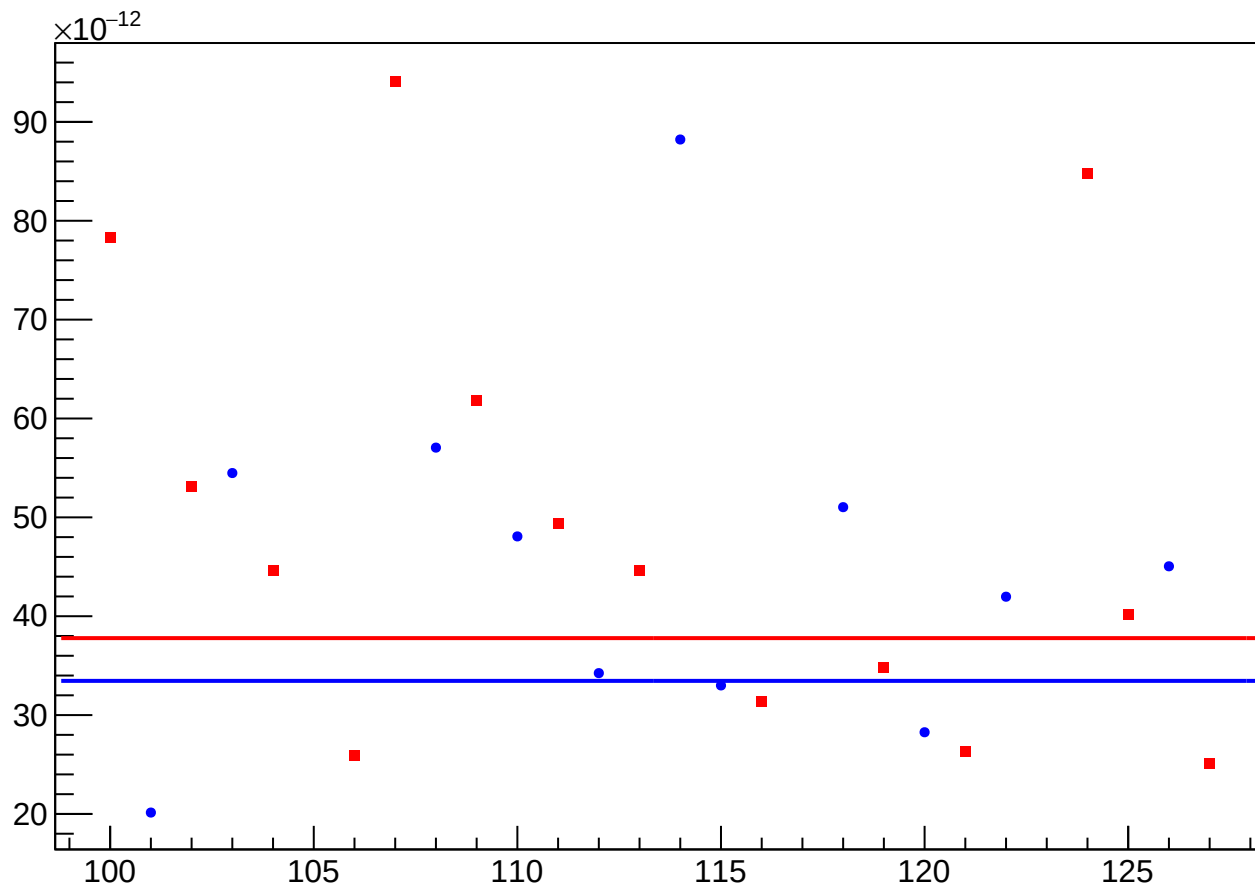
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 29.5/24

- 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 : 785621.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 758288.0/13

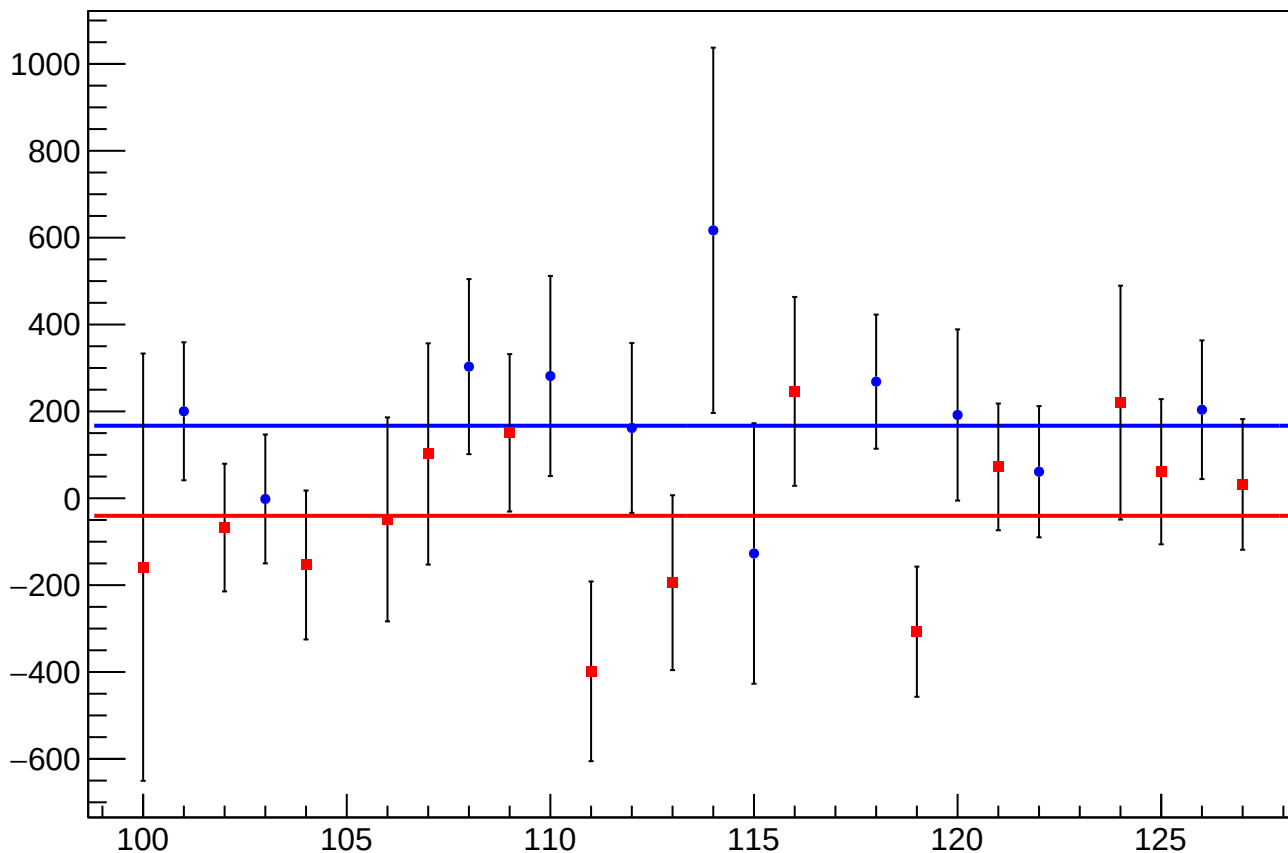
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1584445.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_48_dd_mean vs Slug



Right In: 167.024 $\pm$ 55.712 χ^2 /NDF: 5.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -40.381 $\pm$ 49.819 χ^2 /NDF: 12.6/13

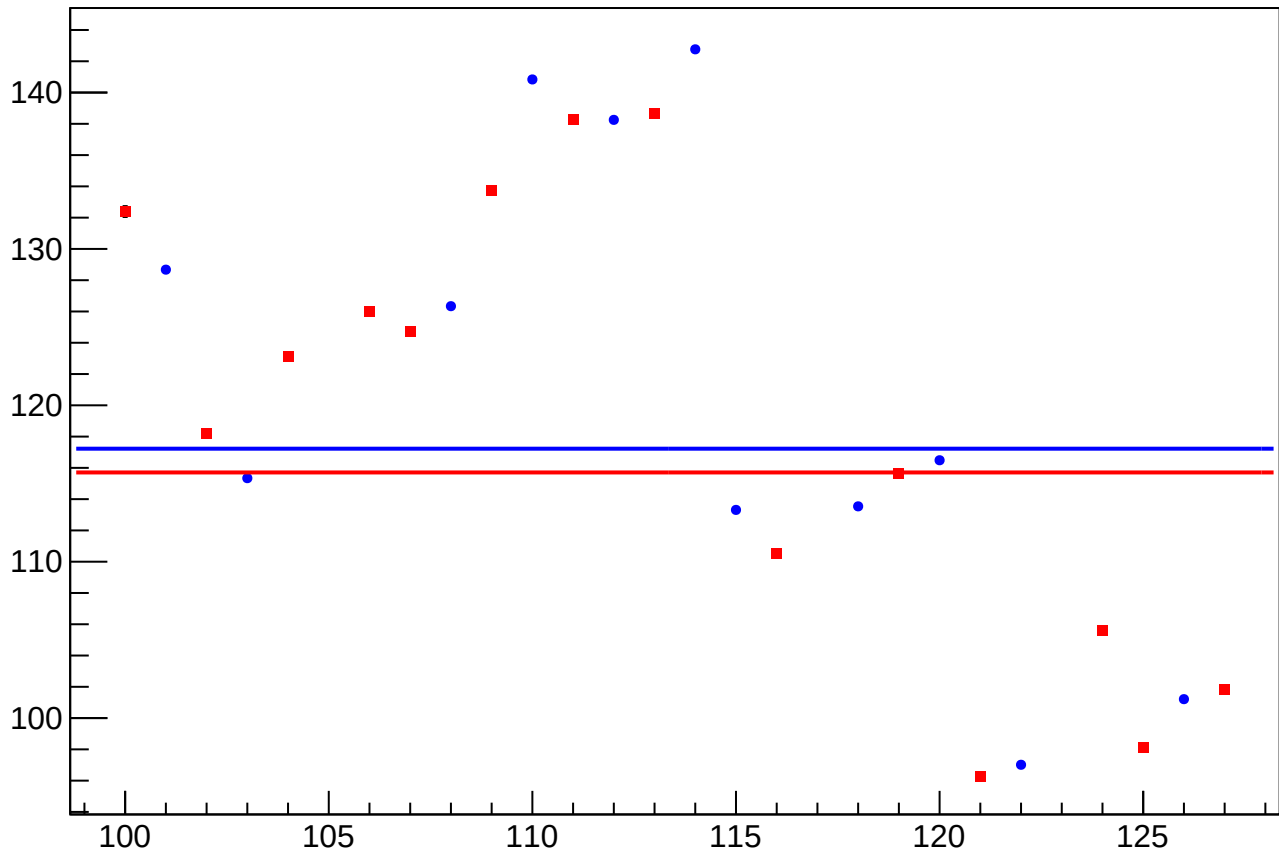
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 51.775 $\pm$ 37.137 χ^2 /NDF: 25.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_48_dd_rms vs Slug



Right In: 117.226+/-0.039 χ^2/NDF : 123756.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.707+/-0.035 χ^2/NDF : 161178.2/13

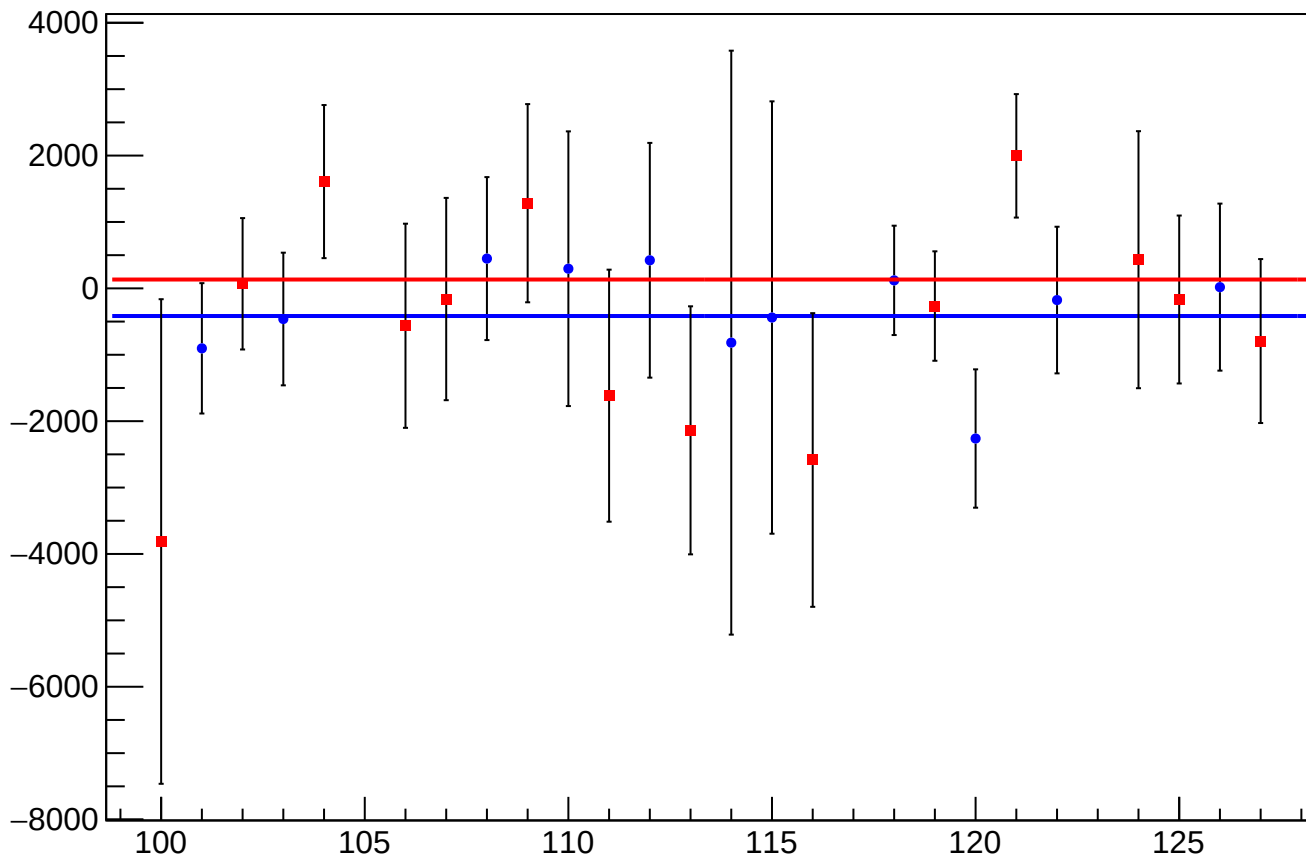
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.382+/-0.026 χ^2/NDF : 285760.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_reg_correction_mean vs Slug



Right In: -416.317+/-371.351 χ^2/NDF : 4.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.288+/-351.420 χ^2/NDF : 12.4/13

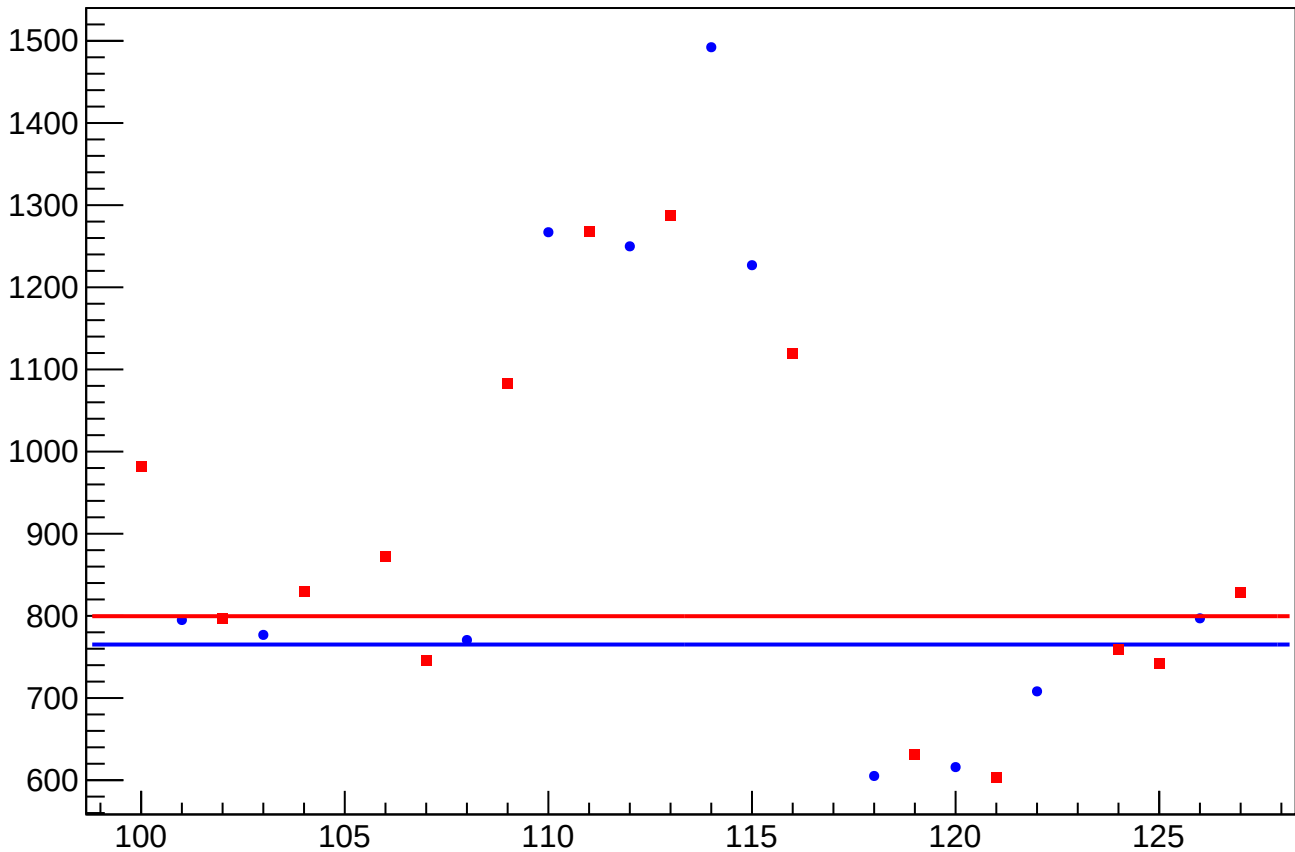
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -126.370+/-255.247 χ^2/NDF : 18.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_reg_correction_rms vs Slug



Right In: 765.124+/-0.263 χ^2/NDF : 488356.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 799.621+/-0.248 χ^2/NDF : 564107.9/13

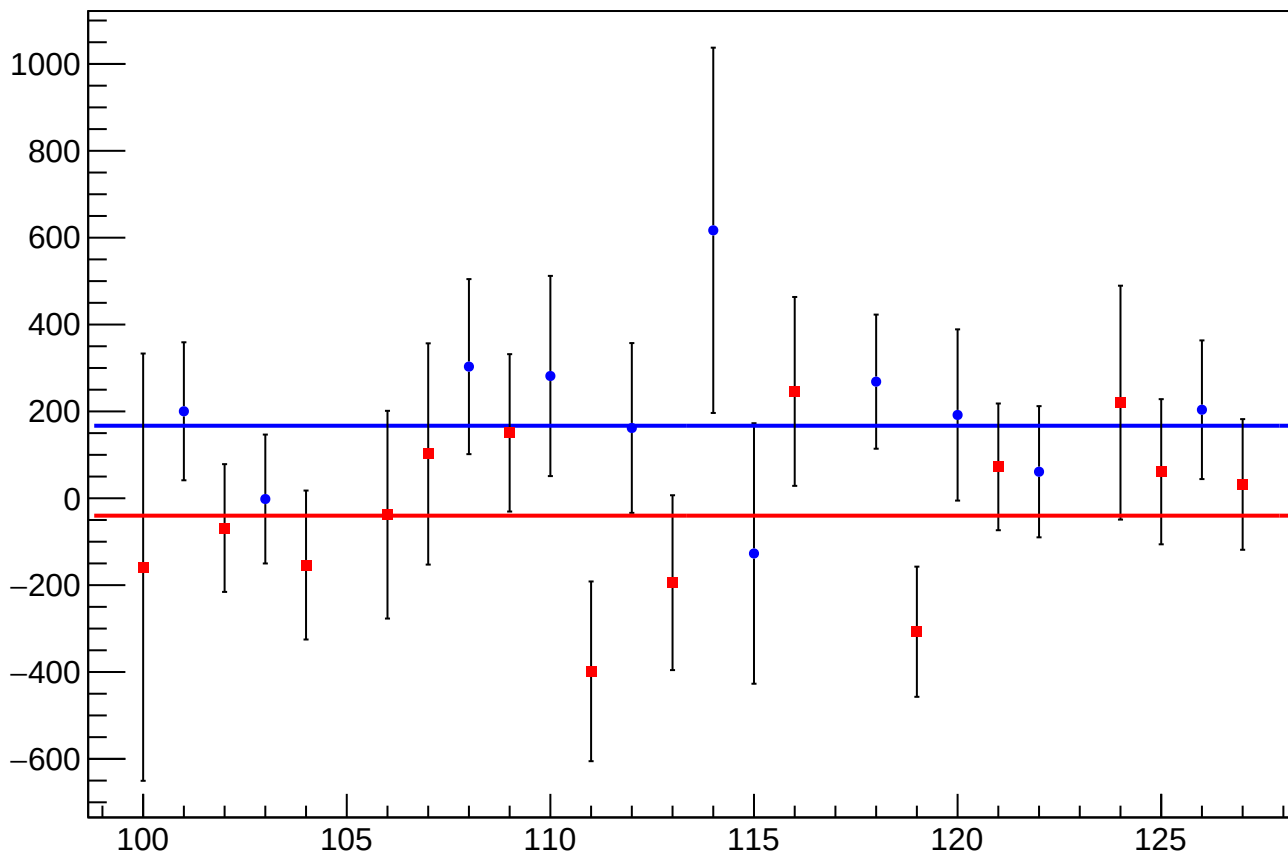
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 783.323+/-0.180 χ^2/NDF : 1061569.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_26_48_dd_mean vs Slug



Right In: 167.015 $\pm$ 55.712 χ^2 /NDF: 5.1/10

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -40.024 $\pm$ -49.861 χ^2 /NDF: 12.6/13

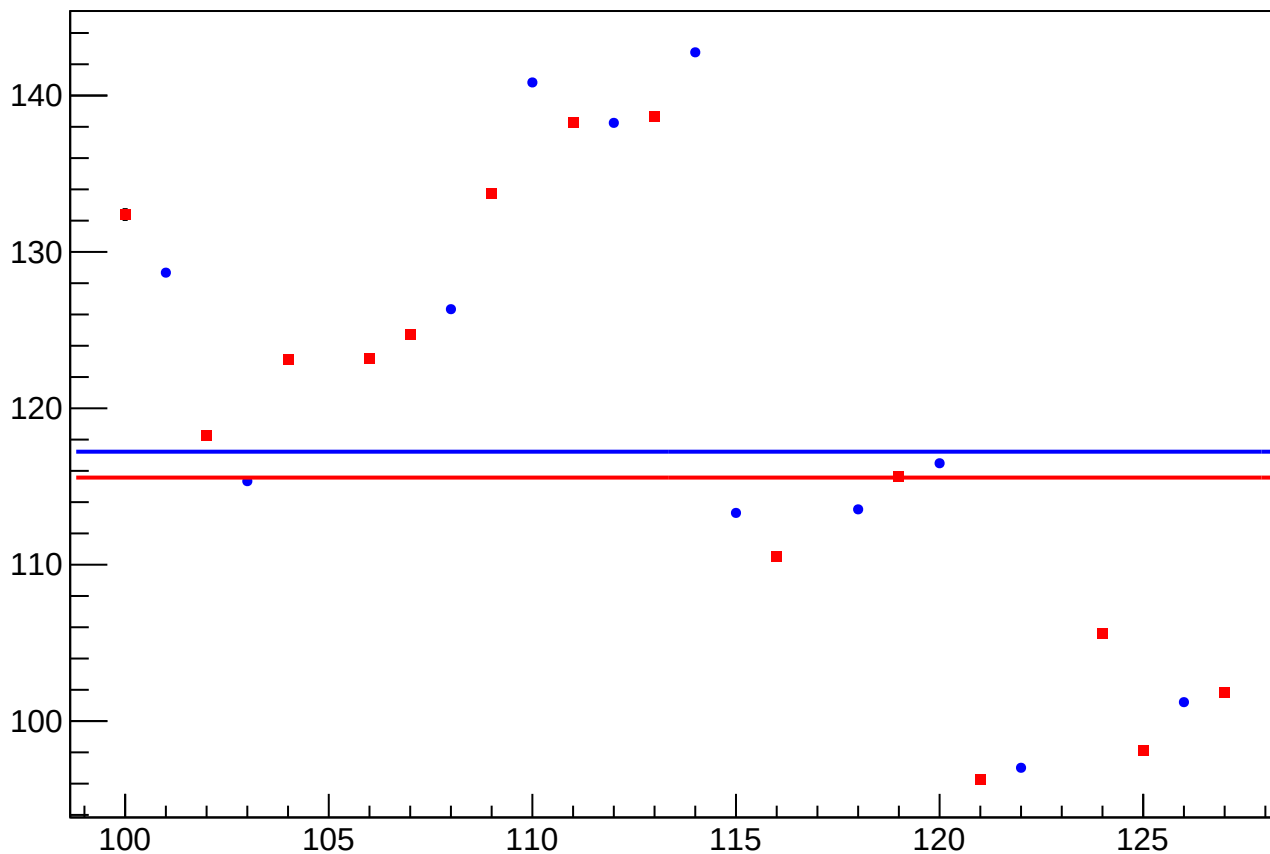
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

All: 52.056 $\pm$ -37.154 χ^2 /NDF: 25.4/24

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_26_48_dd_rms vs Slug



Right In: 117.226 $\pm$ 0.039 χ^2 /NDF: 123756.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 115.571 $\pm$ 0.035 χ^2 /NDF: 159274.3/13

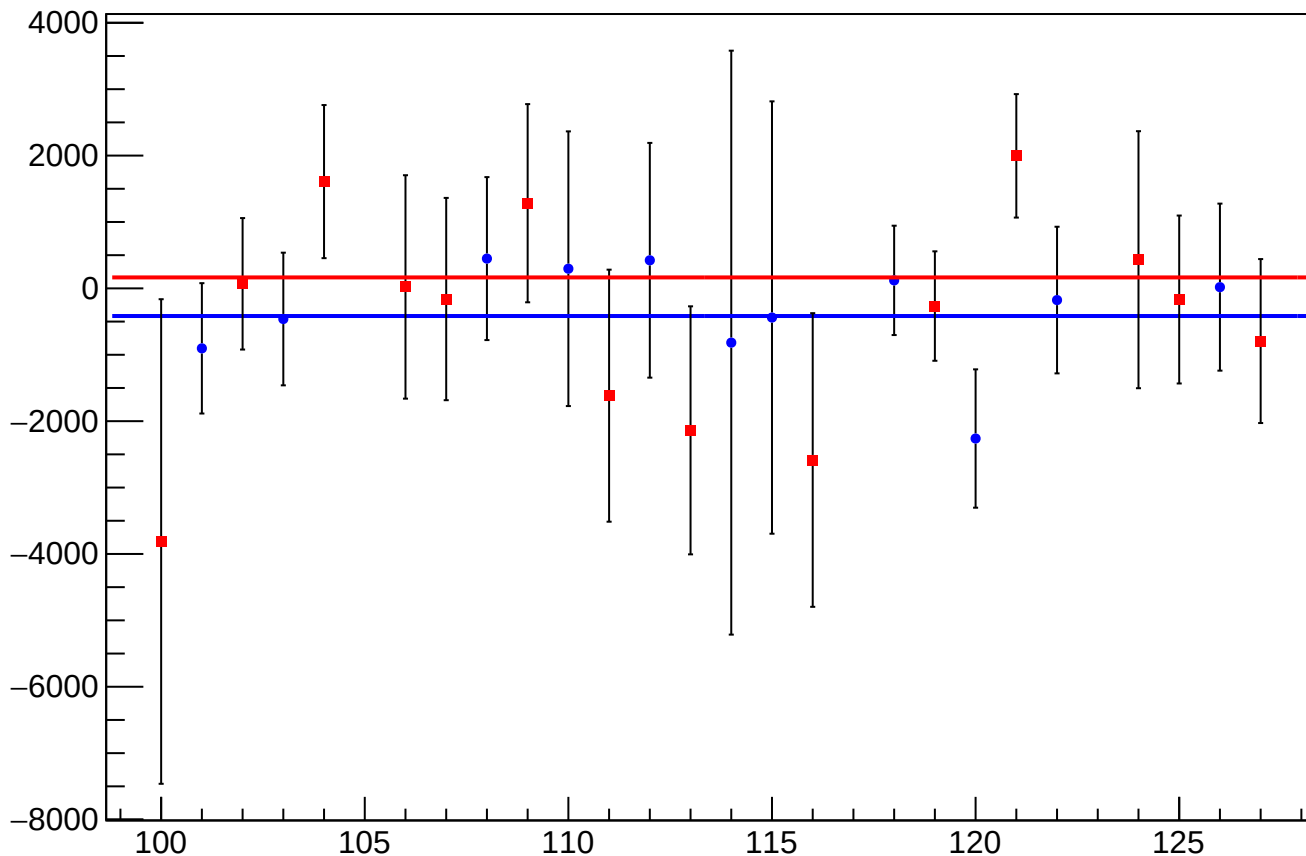
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 116.307 $\pm$ 0.026 χ^2 /NDF: 284010.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_cor_correction_mean vs Slug



Right In: -416.287 ± 371.352 χ^2/NDF : 4.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 165.049 ± 352.975 χ^2/NDF : 12.2/13

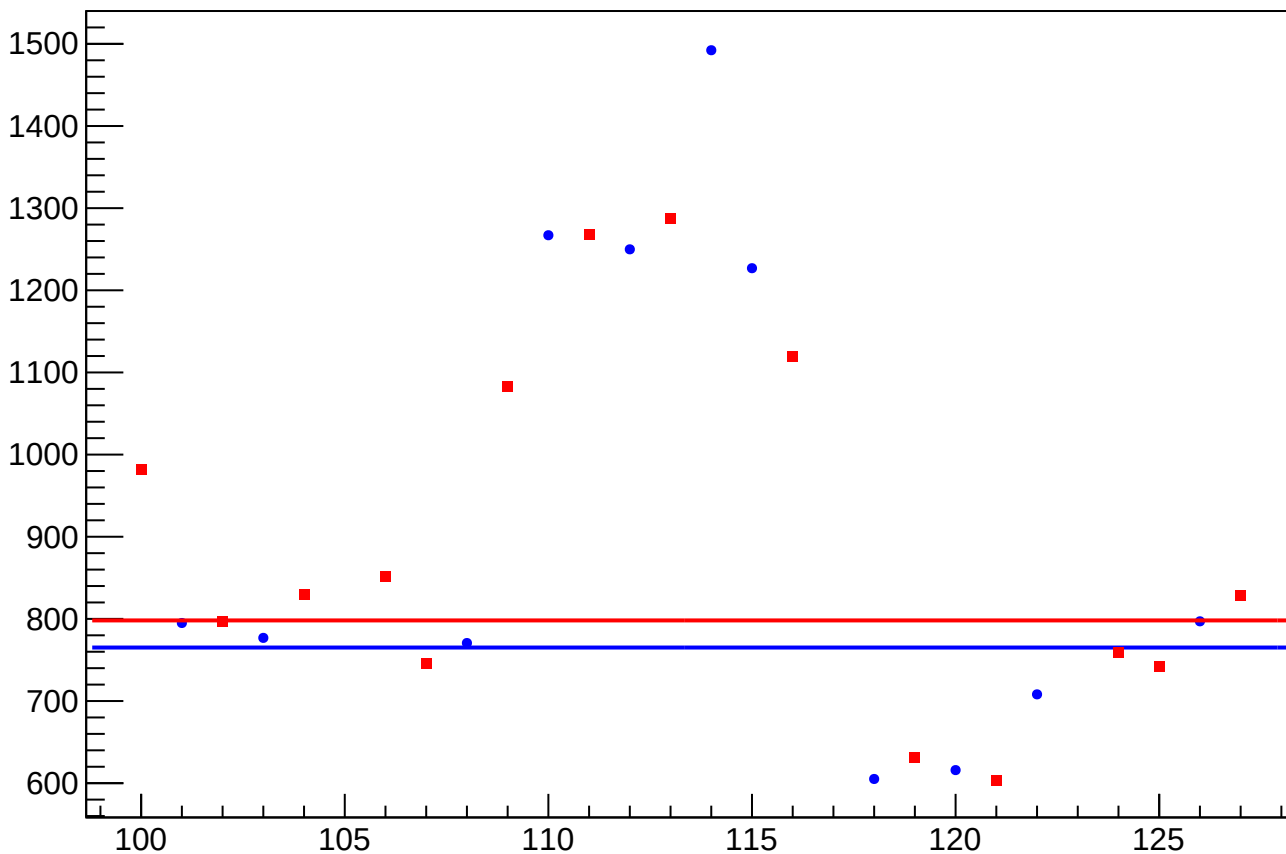
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -110.879 ± 255.841 χ^2/NDF : 18.3/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_cor_correction_rms vs Slug



Right In: 765.126+/-0.263 χ^2/NDF : 488363.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 798.130+/-0.250 χ^2/NDF : 561471.5/13

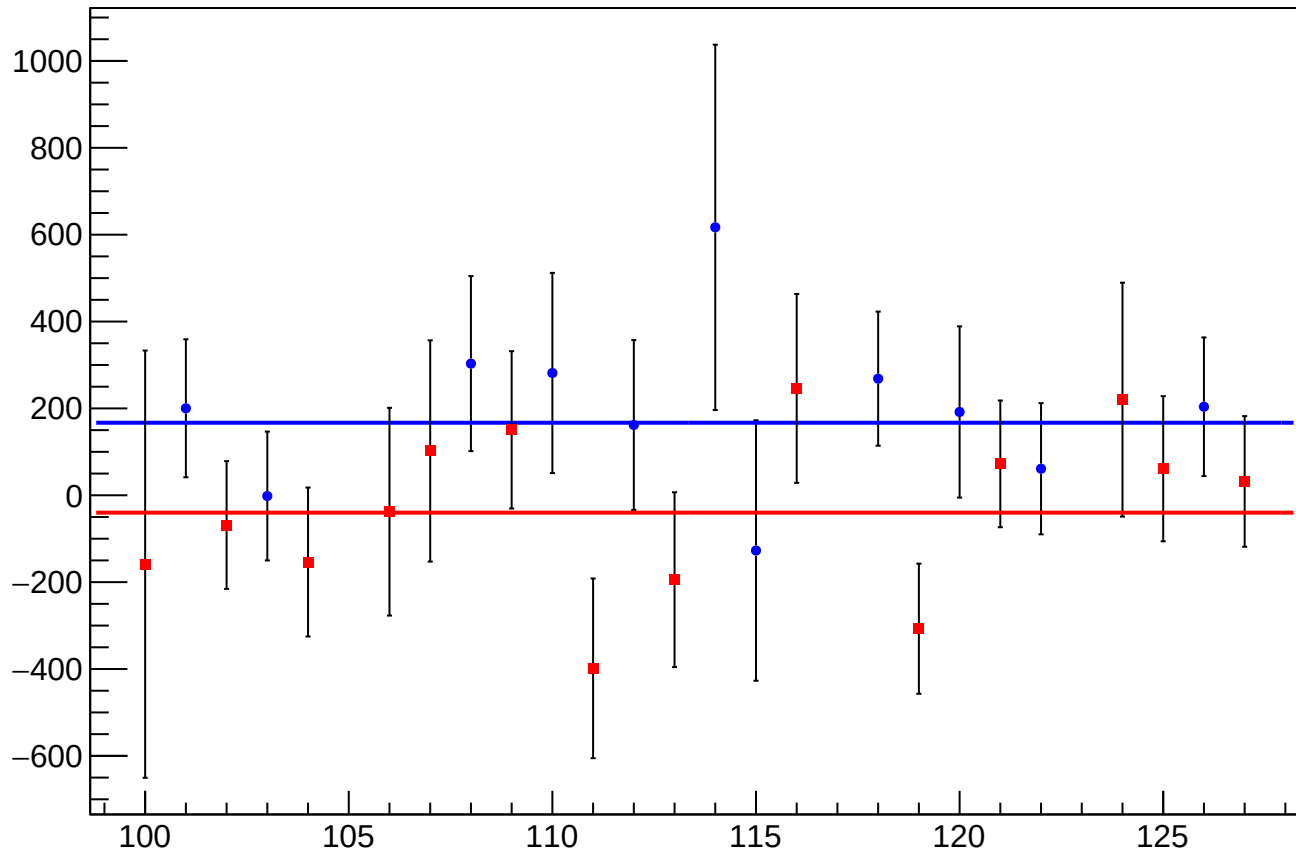
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 782.465+/-0.181 χ^2/NDF : 1058134.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_26_48_dd_mean vs Slug



Right In: 167.015 $\pm$ 55.712 χ^2/NDF : 5.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -40.024 $\pm$ 49.861 χ^2/NDF : 12.6/13

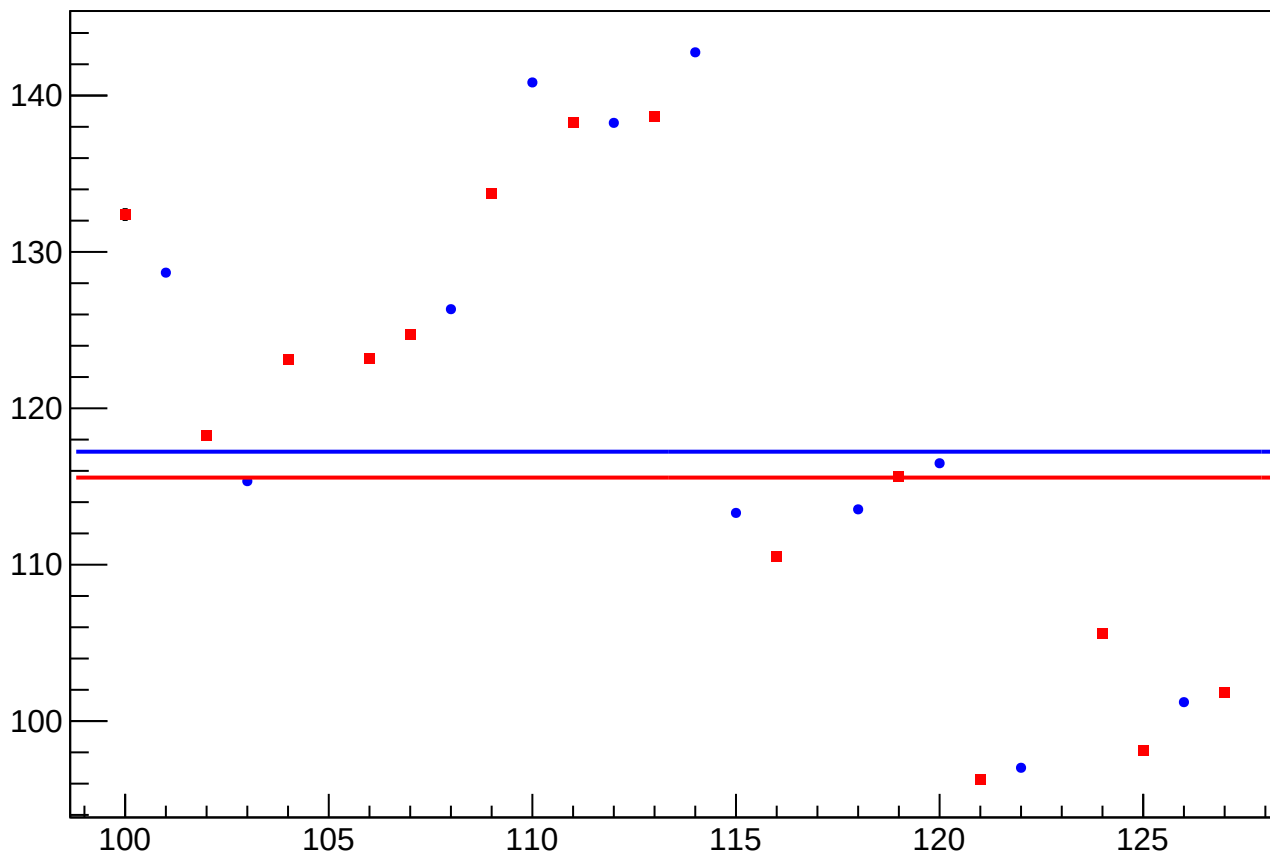
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 52.056 $\pm$ 37.154 χ^2/NDF : 25.4/24

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_26_48_dd_rms vs Slug



Right In: 117.226 $\pm$ 0.039 χ^2 /NDF: 123756.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 115.571 $\pm$ 0.035 χ^2 /NDF: 159274.3/13

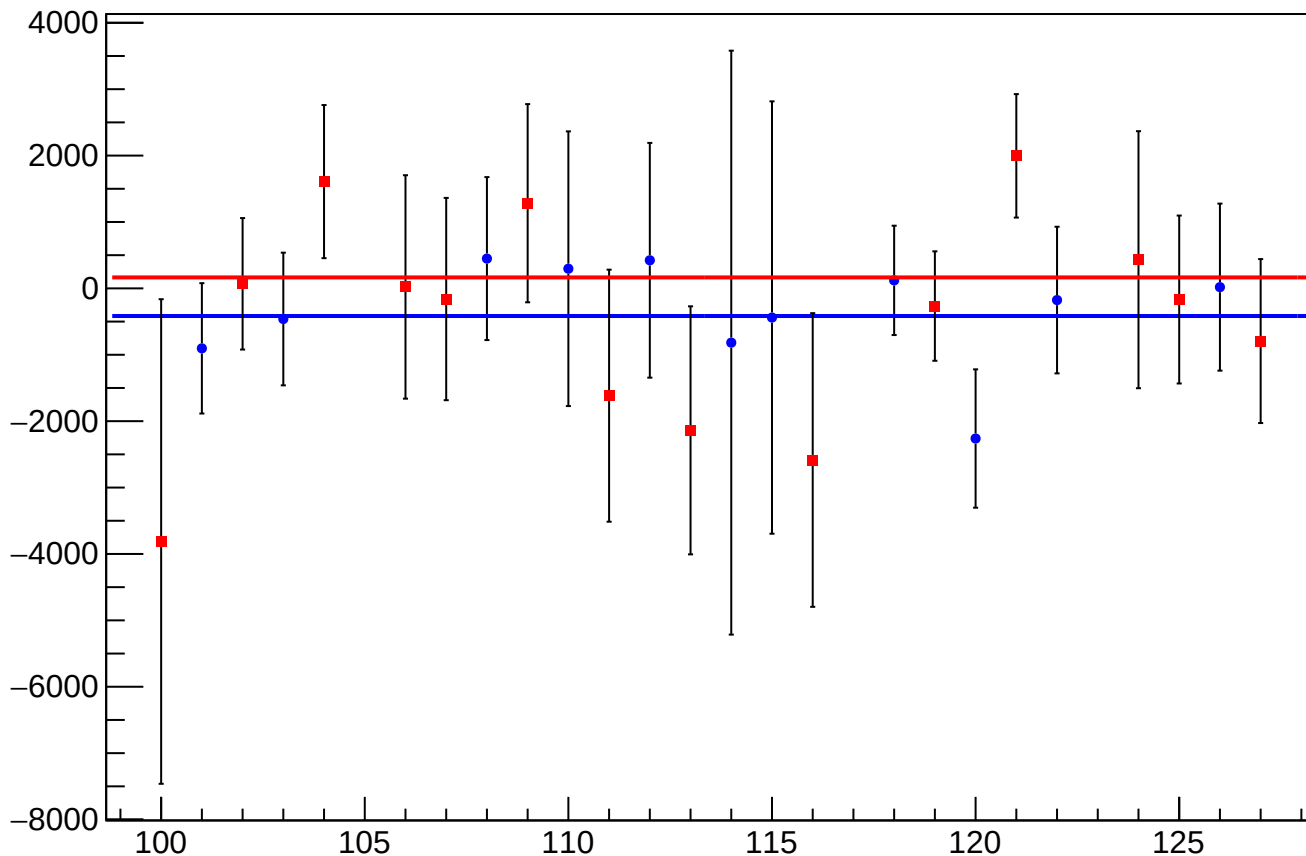
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 116.307 $\pm$ 0.026 χ^2 /NDF: 284010.9/24

- 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: -416.287+/-371.352 χ^2/NDF : 4.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.049+/-352.975 χ^2/NDF : 12.2/13

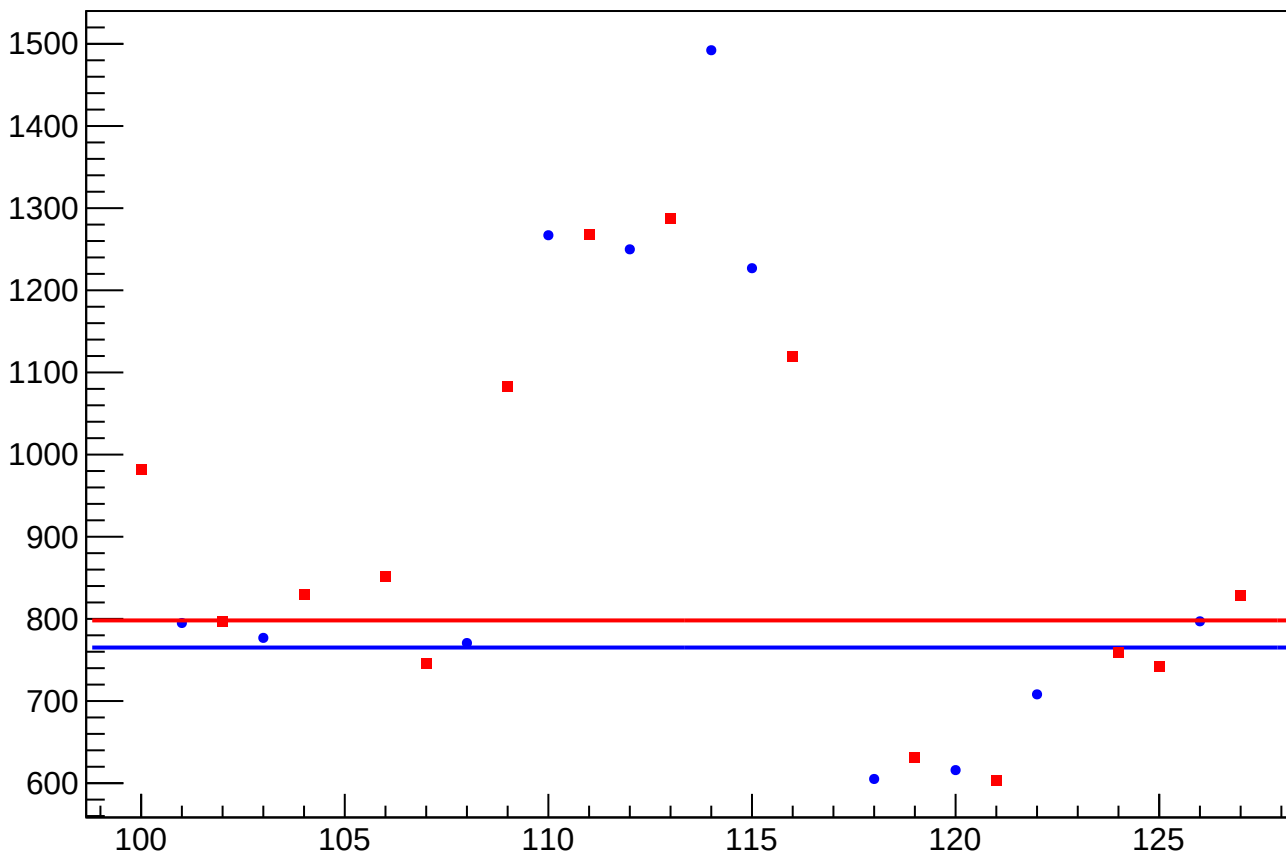
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -110.879+/-255.841 χ^2/NDF : 18.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_eigen_cor_correction_rms vs Slug



Right In: 765.126+/-0.263 χ^2/NDF : 488363.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 798.130+/-0.250 χ^2/NDF : 561471.5/13

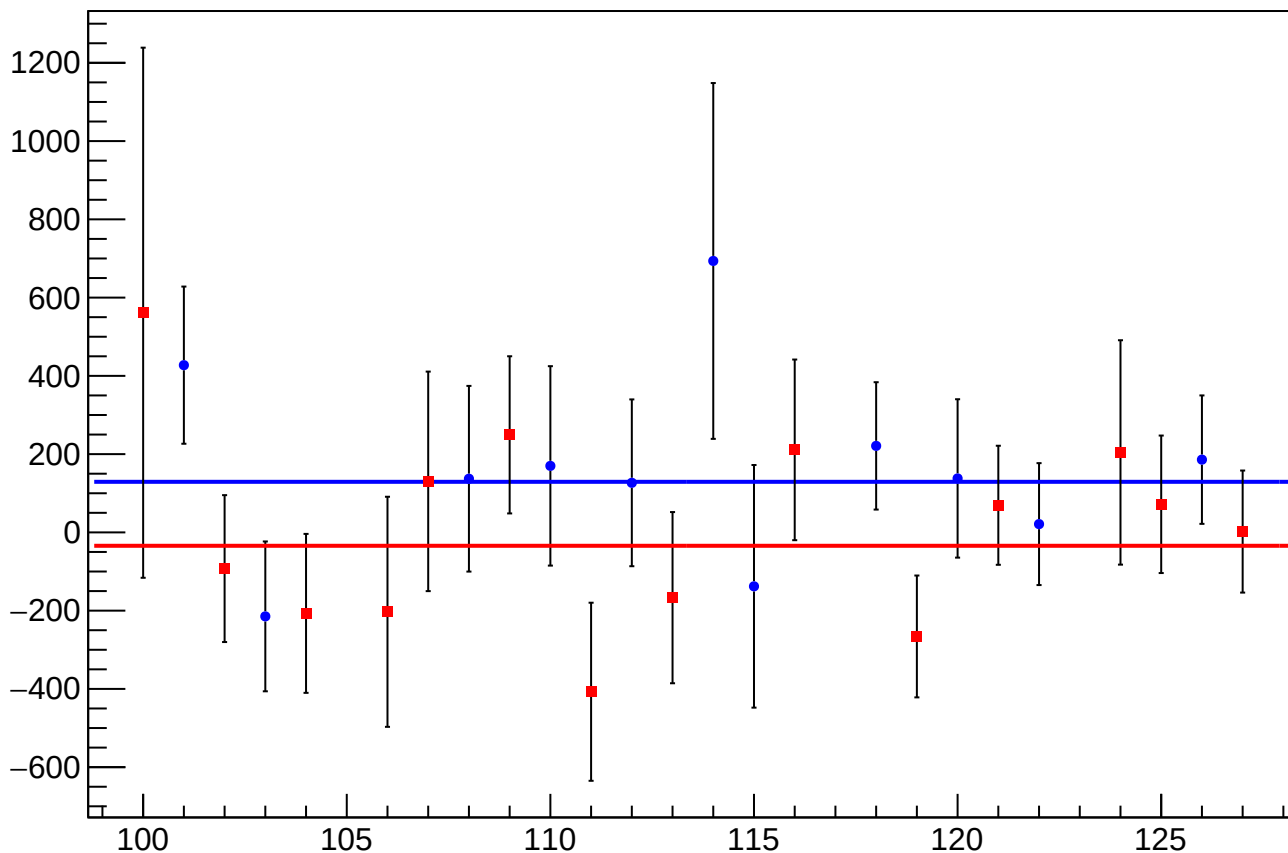
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 782.465+/-0.181 χ^2/NDF : 1058134.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_48_dd_mean vs Slug



Right In: 129.250 $\pm$ 61.663 χ^2 /NDF: 8.7/10

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

Right Out: -34.231 $\pm$ 54.801 χ^2 /NDF: 12.2/13

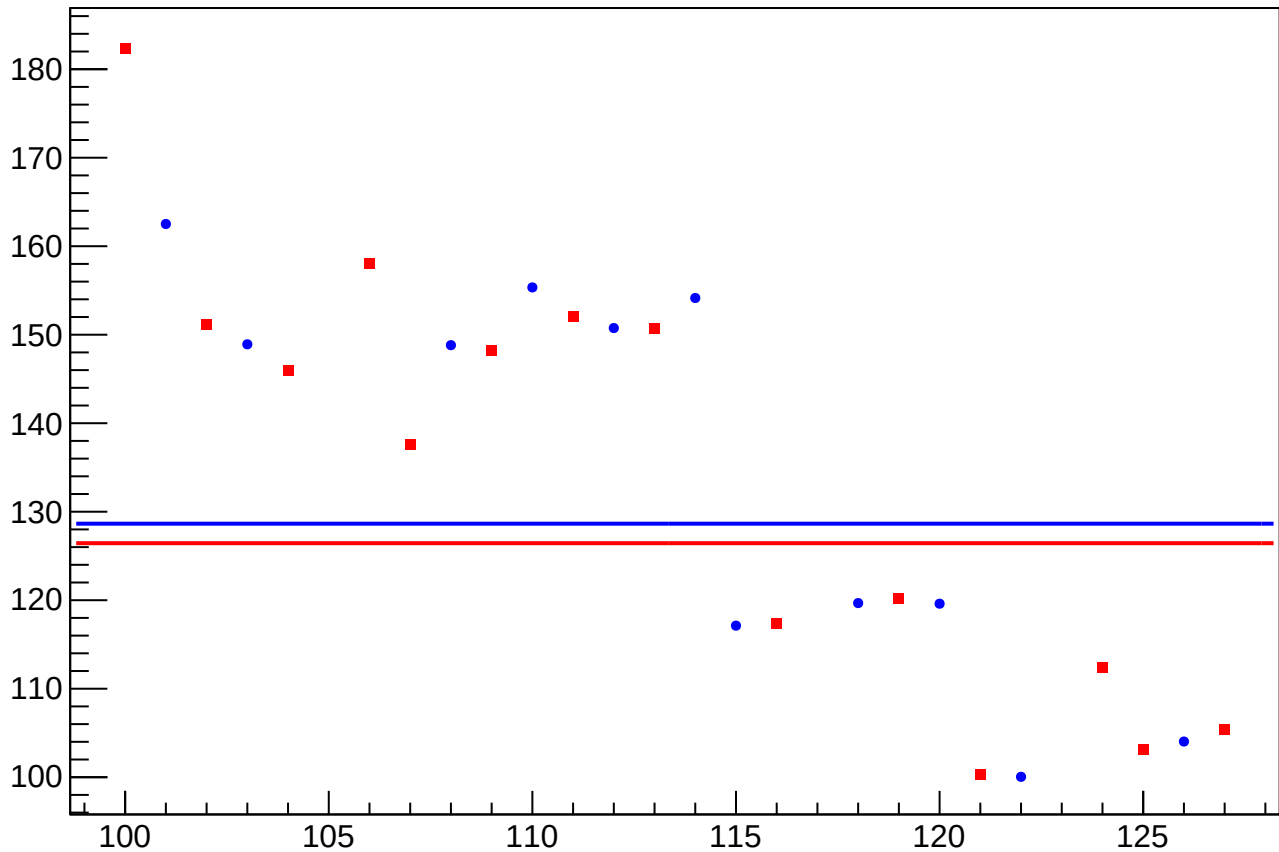
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

All: 37.910 $\pm$ 40.962 χ^2 /NDF: 24.8/24

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_26_48_dd_rms vs Slug



Right In: 128.647 $\pm$ 0.044 χ^2 /NDF: 268746.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 126.441 $\pm$ 0.039 χ^2 /NDF: 308073.5/13

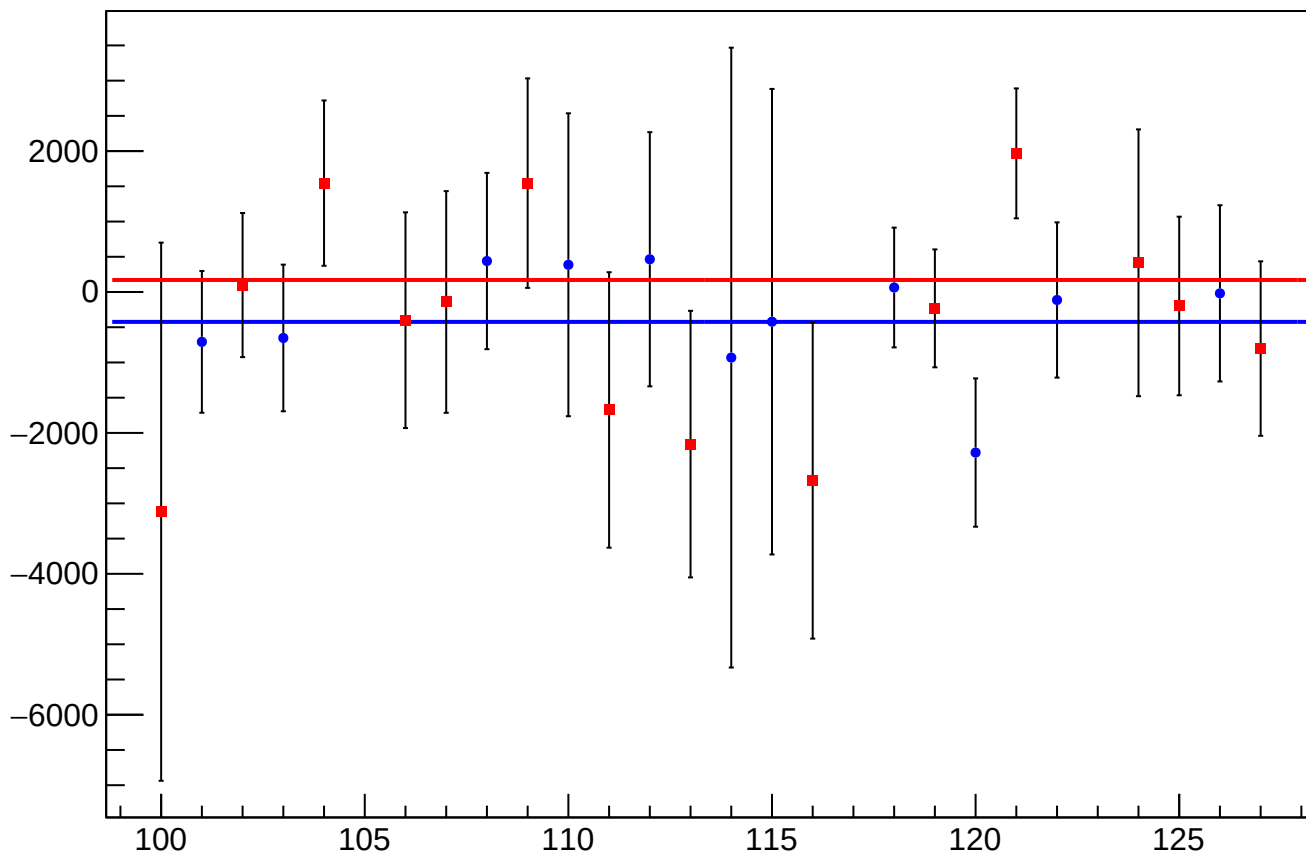
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 127.415 $\pm$ 0.029 χ^2 /NDF: 578249.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_dit_correction_mean vs Slug



Right In: -424.041 ± 378.857 χ^2/NDF : 4.6/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 170.850 ± 355.064 χ^2/NDF : 11.9/13

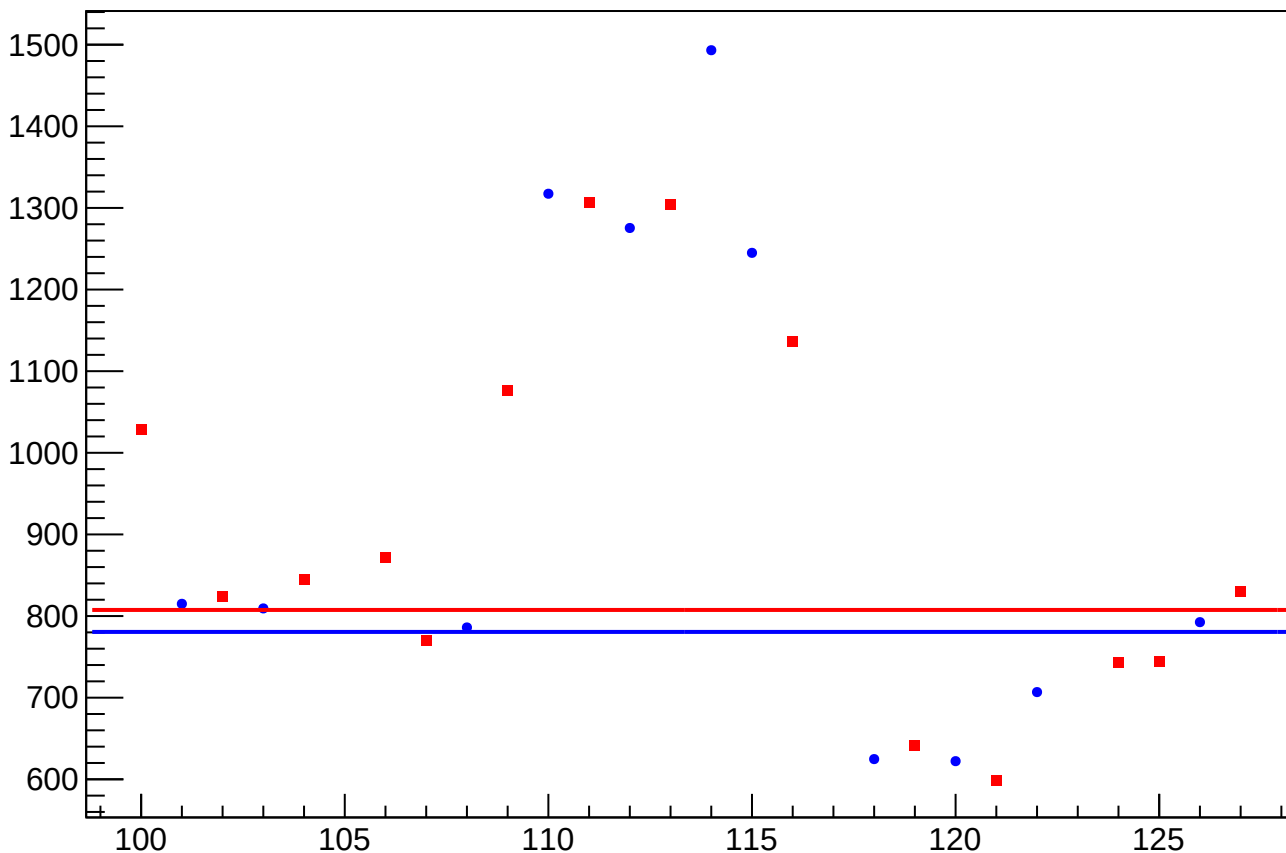
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -107.331 ± 259.072 χ^2/NDF : 17.9/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_dit_correction_rms vs Slug



Right In: 780.562+/-0.268 χ^2/NDF : 492750.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 807.477+/-0.251 χ^2/NDF : 579651.4/13

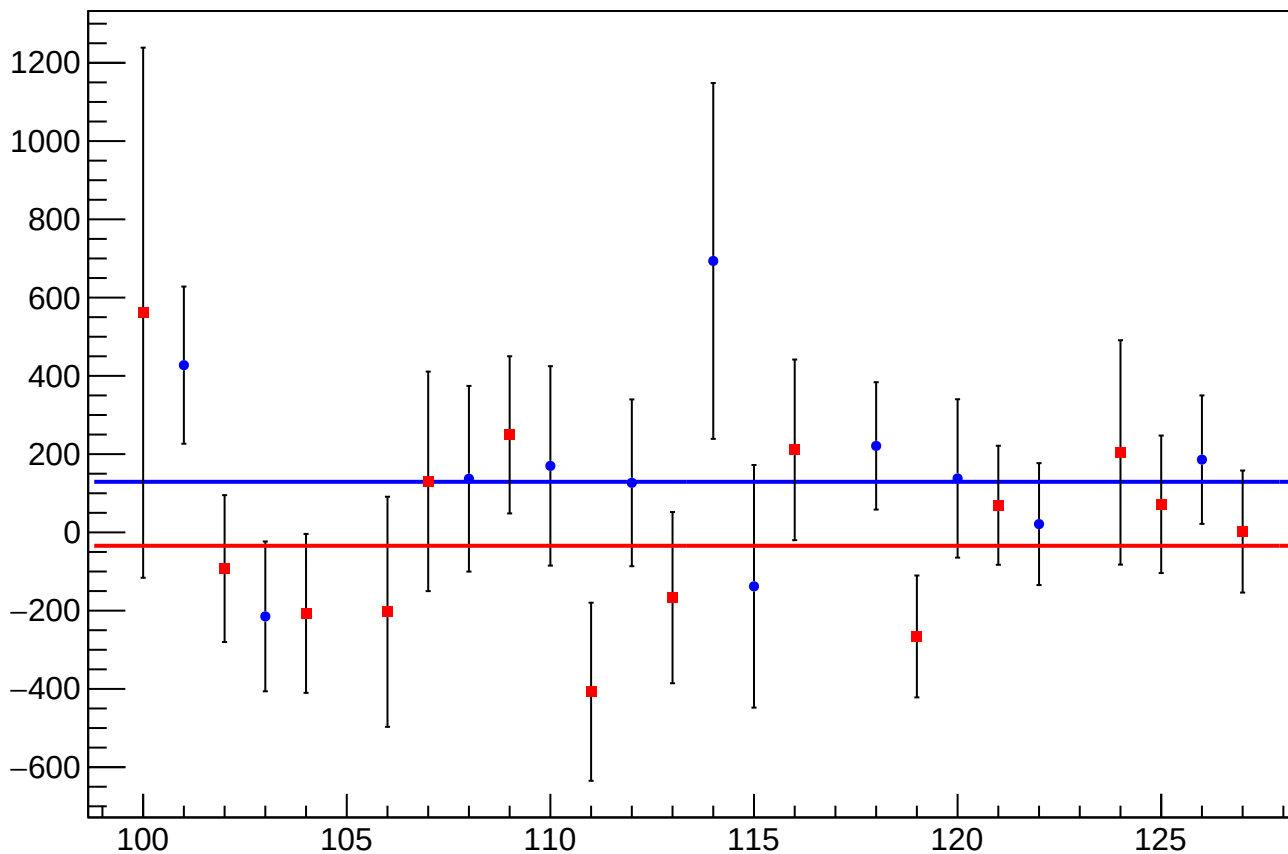
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 794.891+/-0.183 χ^2/NDF : 1077776.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_26_48_dd_mean vs Slug



Right In: 129.249 $\pm$ 61.663 χ^2 /NDF: 8.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -34.230 $\pm$ 54.801 χ^2 /NDF: 12.2/13

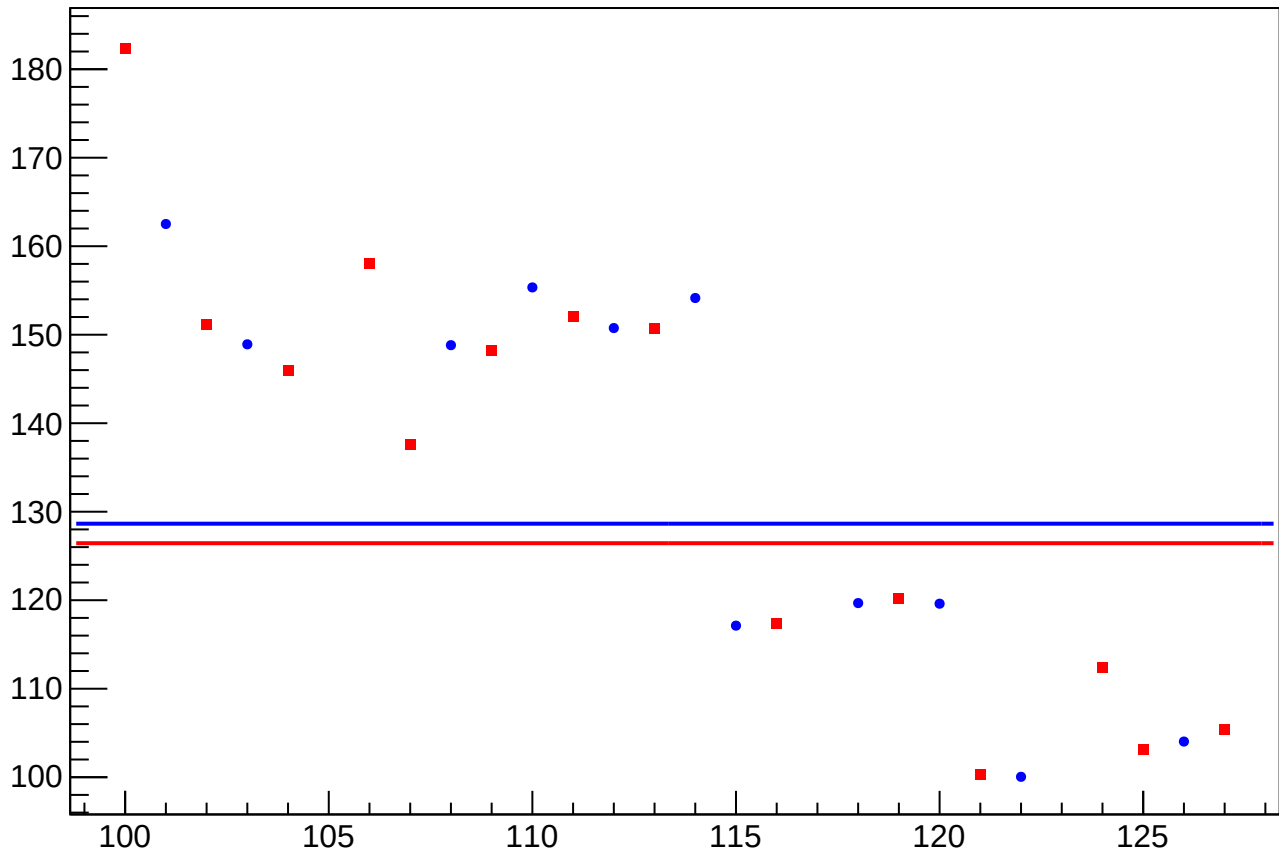
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 37.911 $\pm$ 40.962 χ^2 /NDF: 24.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_26_48_dd_rms vs Slug



Right In: 128.647 $\pm$ 0.044 χ^2 /NDF: 268740.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 126.441 $\pm$ 0.039 χ^2 /NDF: 308068.0/13

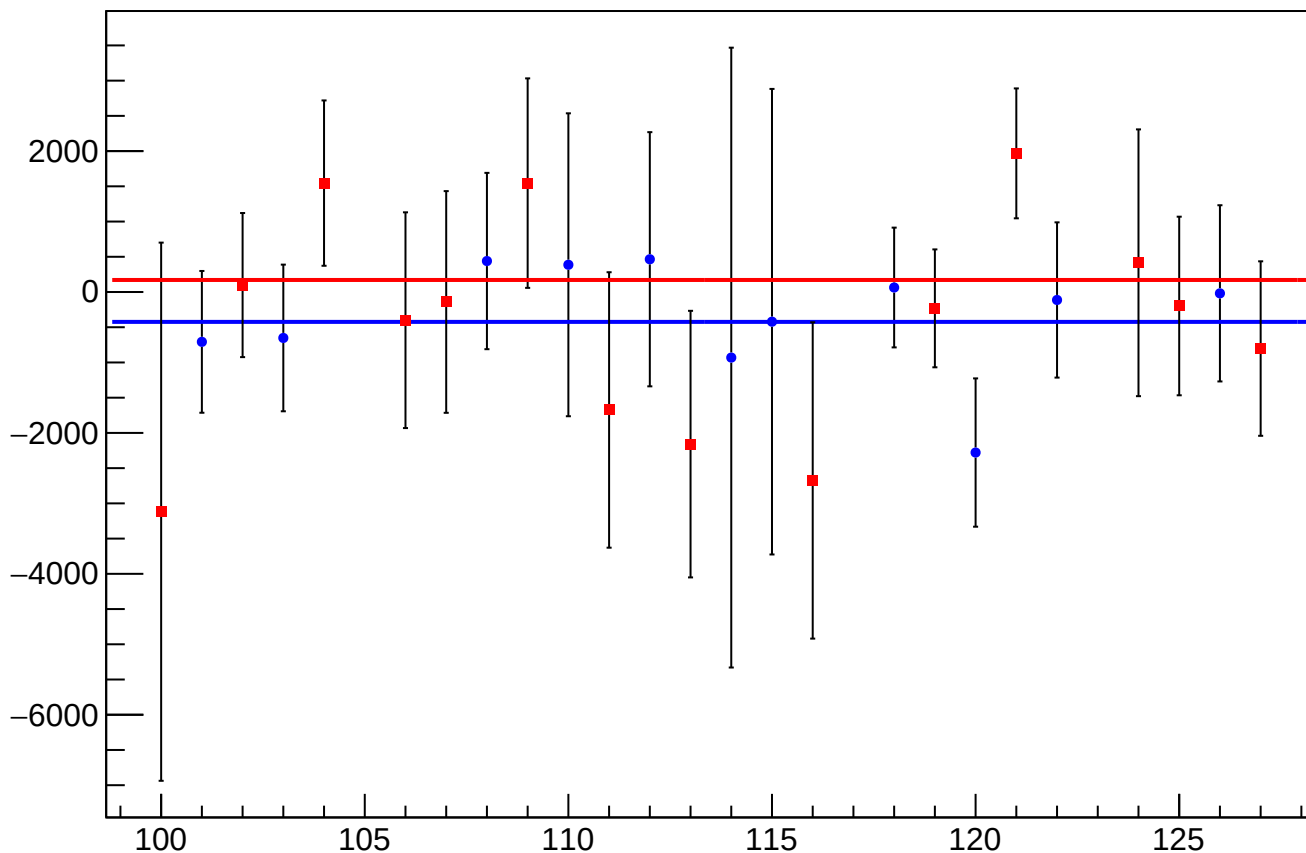
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 127.415 $\pm$ 0.029 χ^2 /NDF: 578238.1/24

- 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: -424.041 $\pm$ 378.857 χ^2 /NDF: 4.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 170.850 $\pm$ 355.064 χ^2 /NDF: 11.9/13

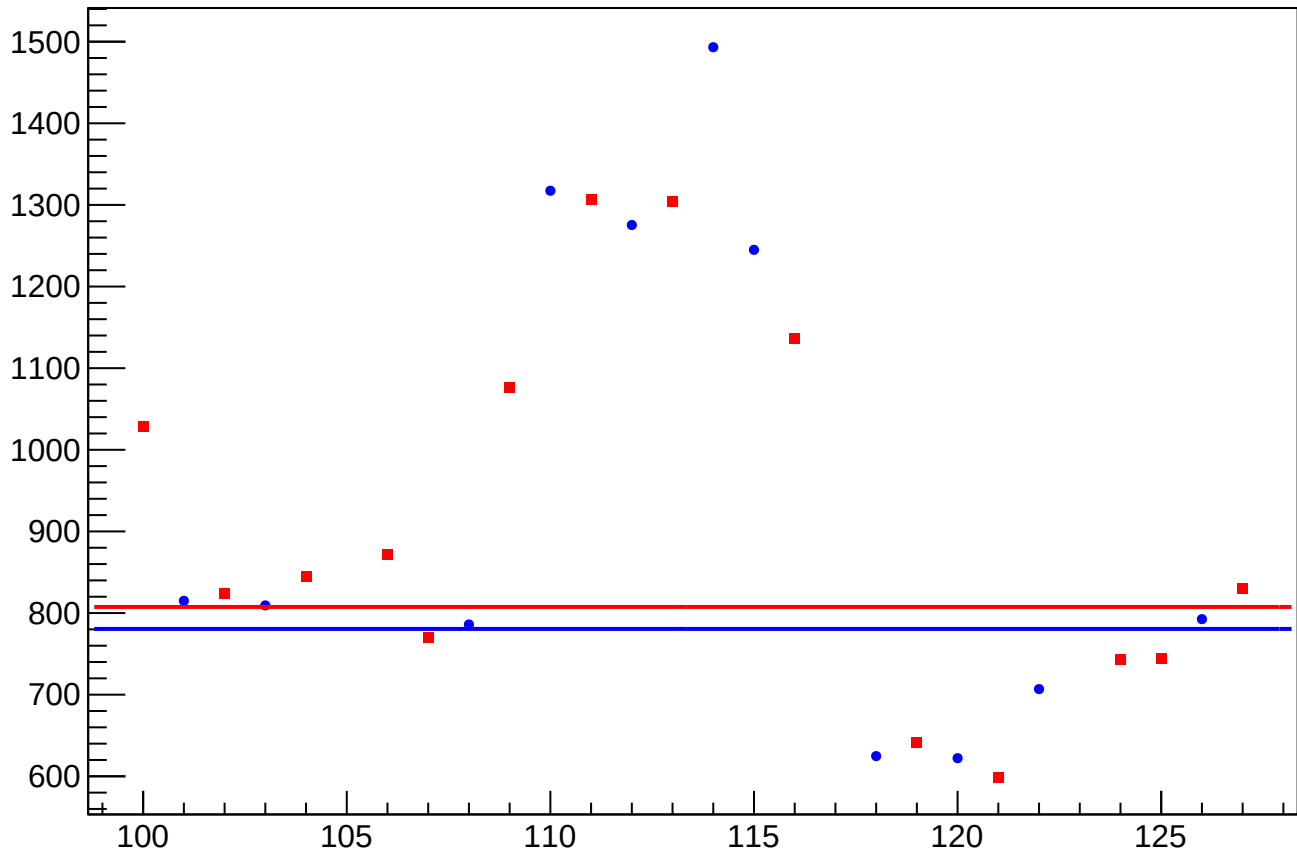
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -107.330 $\pm$ 259.071 χ^2 /NDF: 17.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_eigen_dit_correction_rms vs Slug



Right In: 780.561+/-0.268 χ^2/NDF : 492745.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 807.476+/-0.251 χ^2/NDF : 579644.4/13

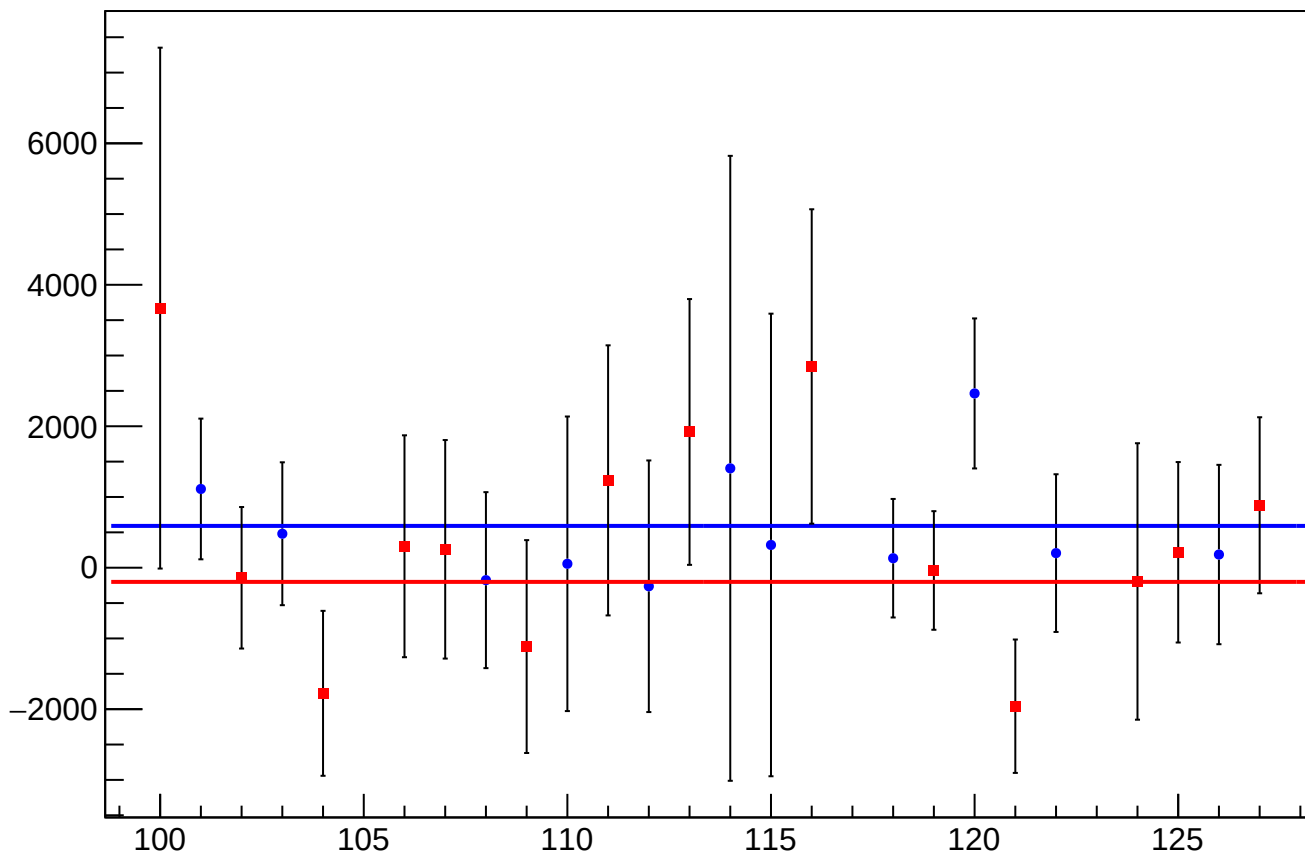
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 794.890+/-0.183 χ^2/NDF : 1077763.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_mean vs Slug



Right In: 591.116+/-376.130 χ^2/NDF : 4.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -200.419+/-355.677 χ^2/NDF : 11.6/13

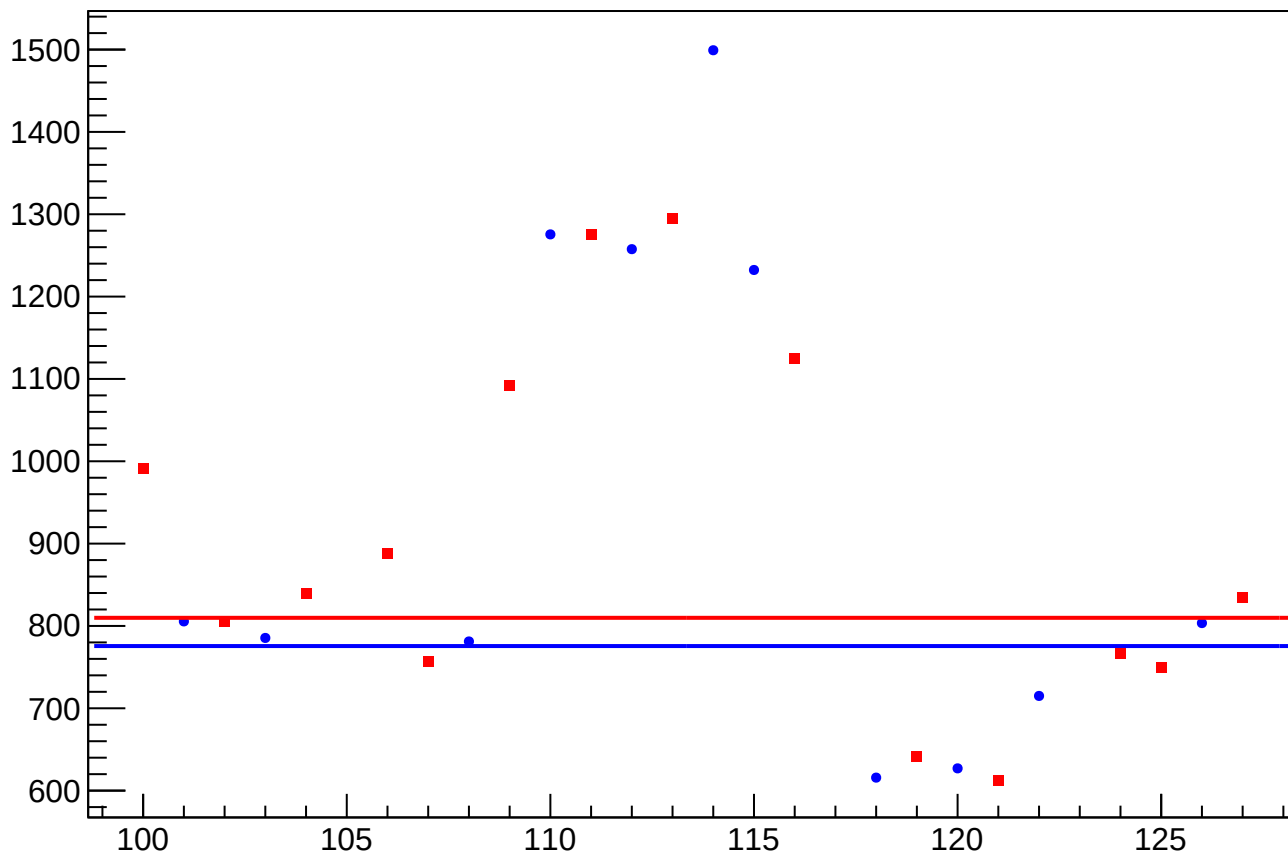
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.243+/-258.430 χ^2/NDF : 18.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_rms vs Slug



Right In: 775.581+/-0.266 χ^2/NDF : 475731.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 809.878+/-0.252 χ^2/NDF : 550665.1/13

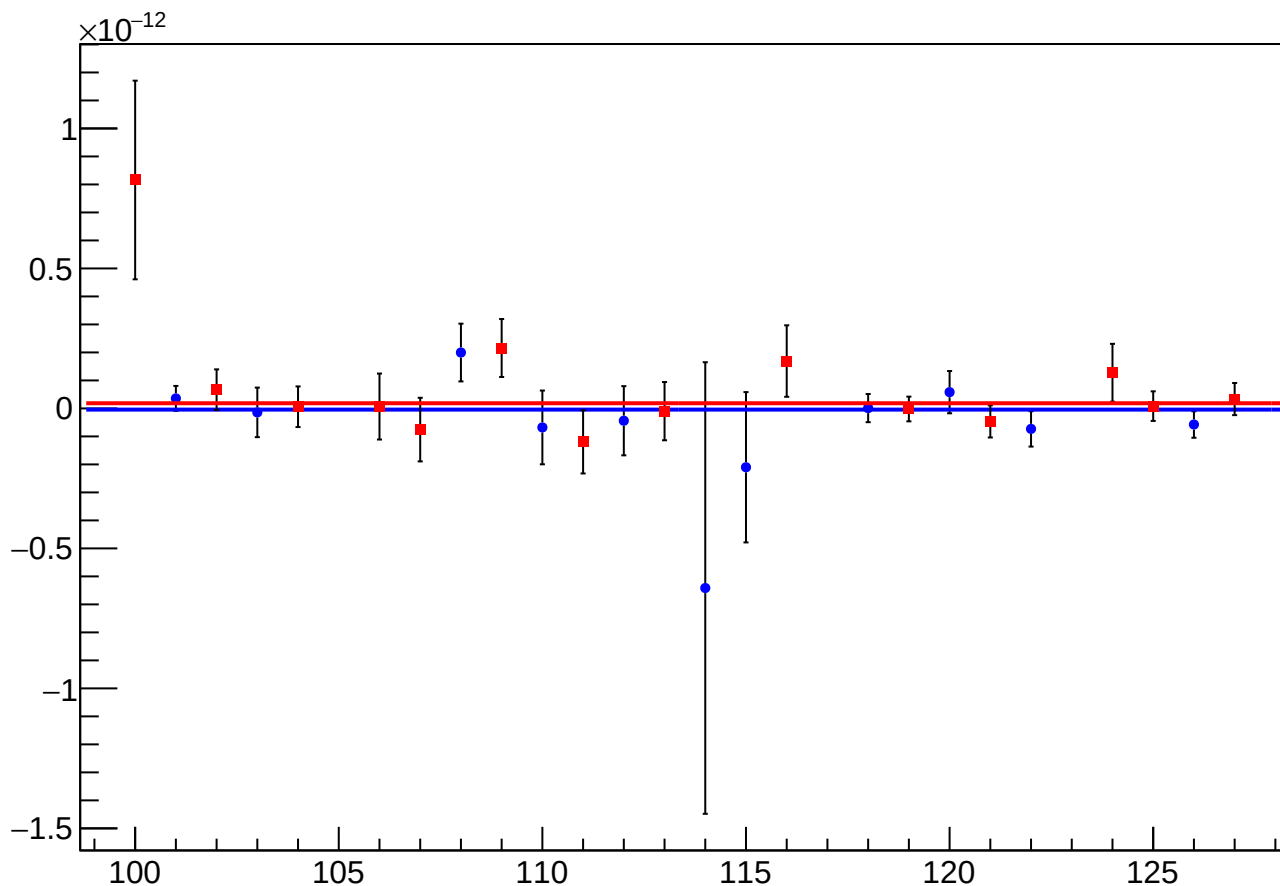
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 793.688+/-0.183 χ^2/NDF : 1035175.6/24

- 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+/-0.000 χ^2/NDF : 9.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.5/13

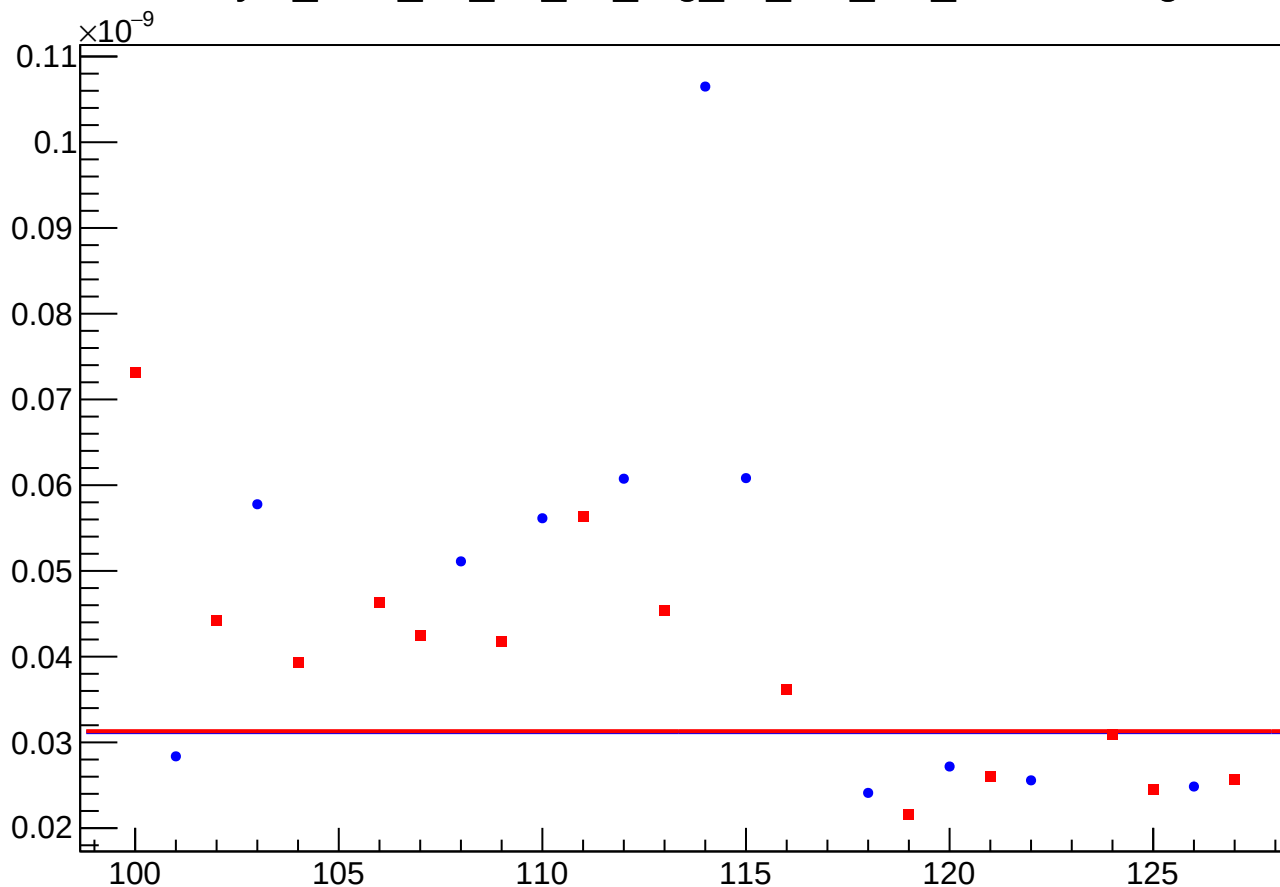
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.5/24

- sign 0.000+/-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 : 588098.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 492003.5/13

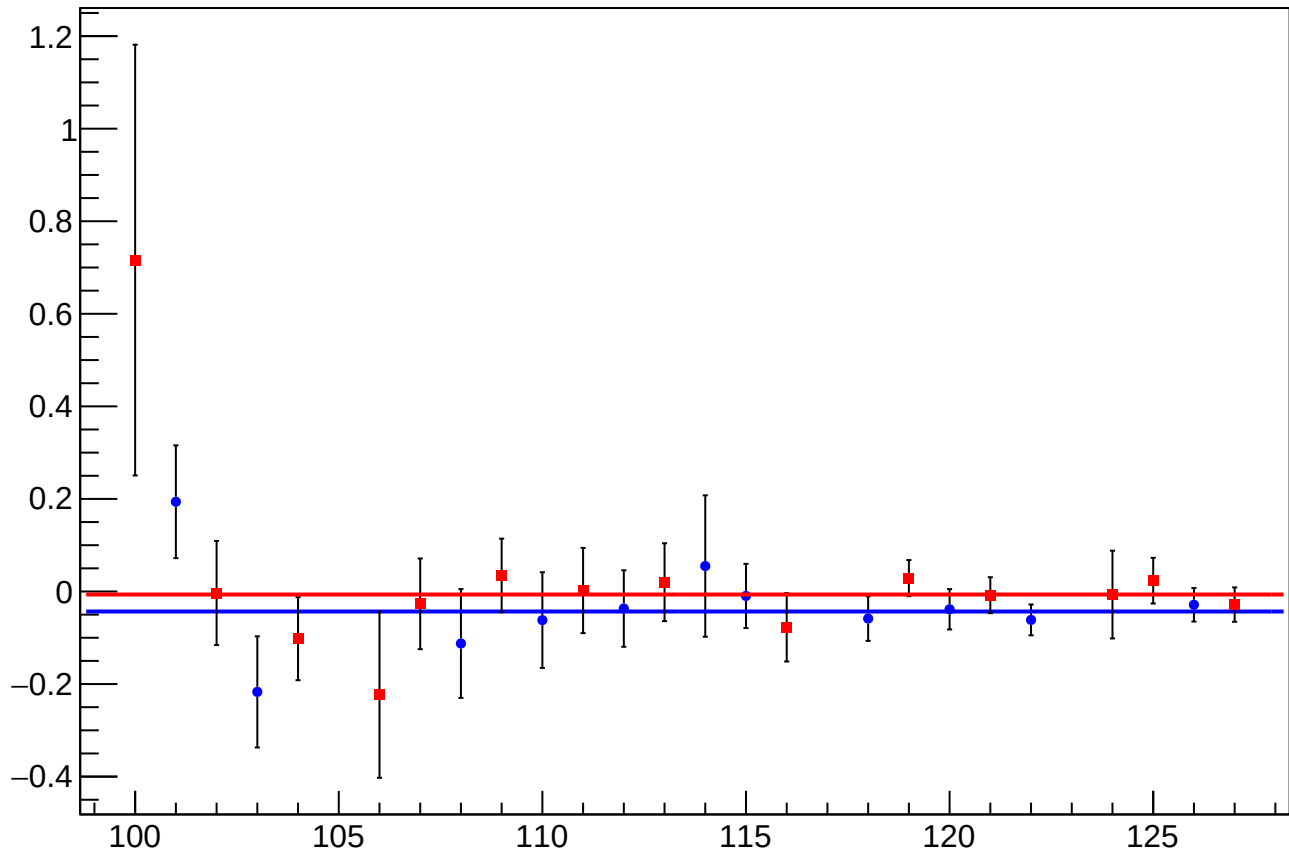
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1080131.0/24

- 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: -0.043 ± 0.017 χ^2/NDF : 7.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.007 ± 0.017 χ^2/NDF : 7.9/13

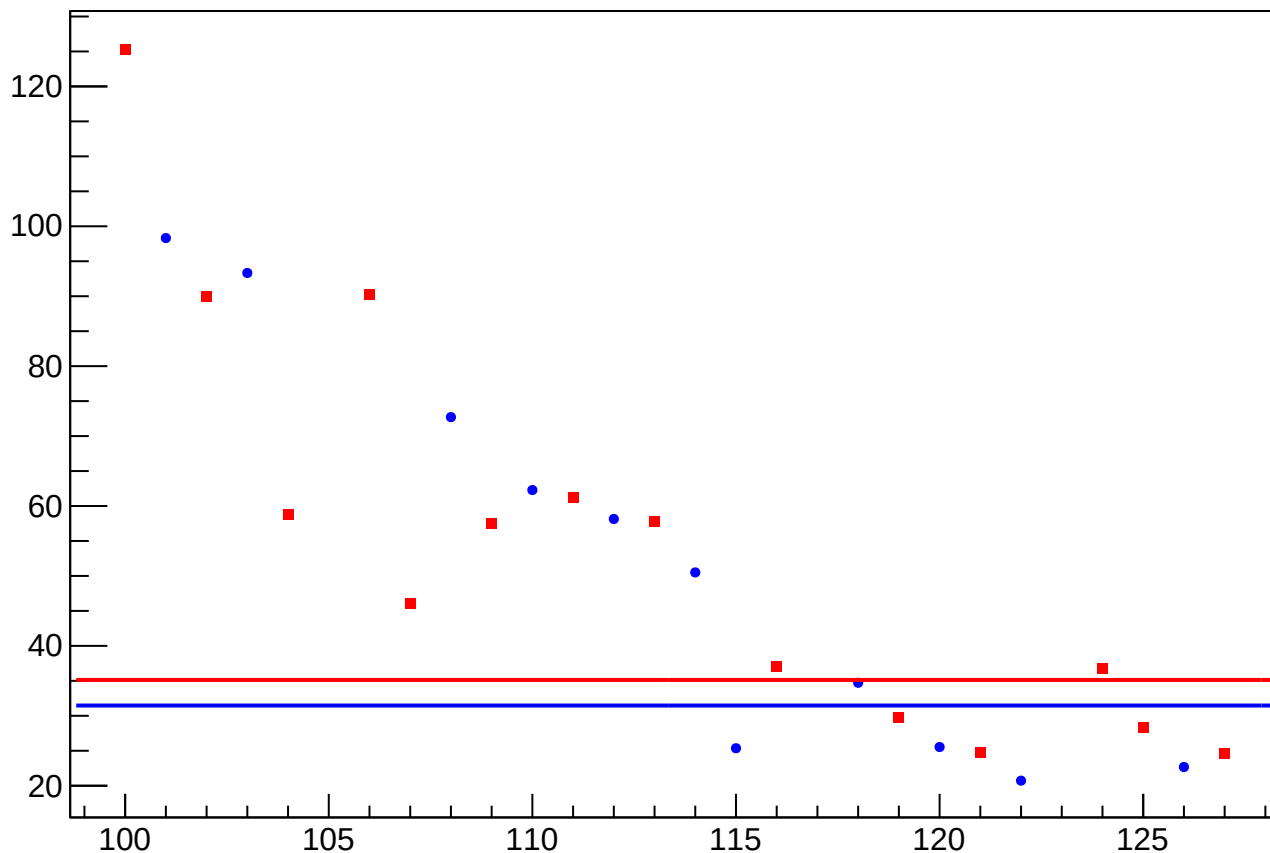
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.024 ± 0.012 χ^2/NDF : 17.7/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_dit_vs_cor_diff_rms vs Slug



Right In: 31.468+/-0.012 χ^2/NDF : 2183423.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.128+/-0.012 χ^2/NDF : 1748422.8/13

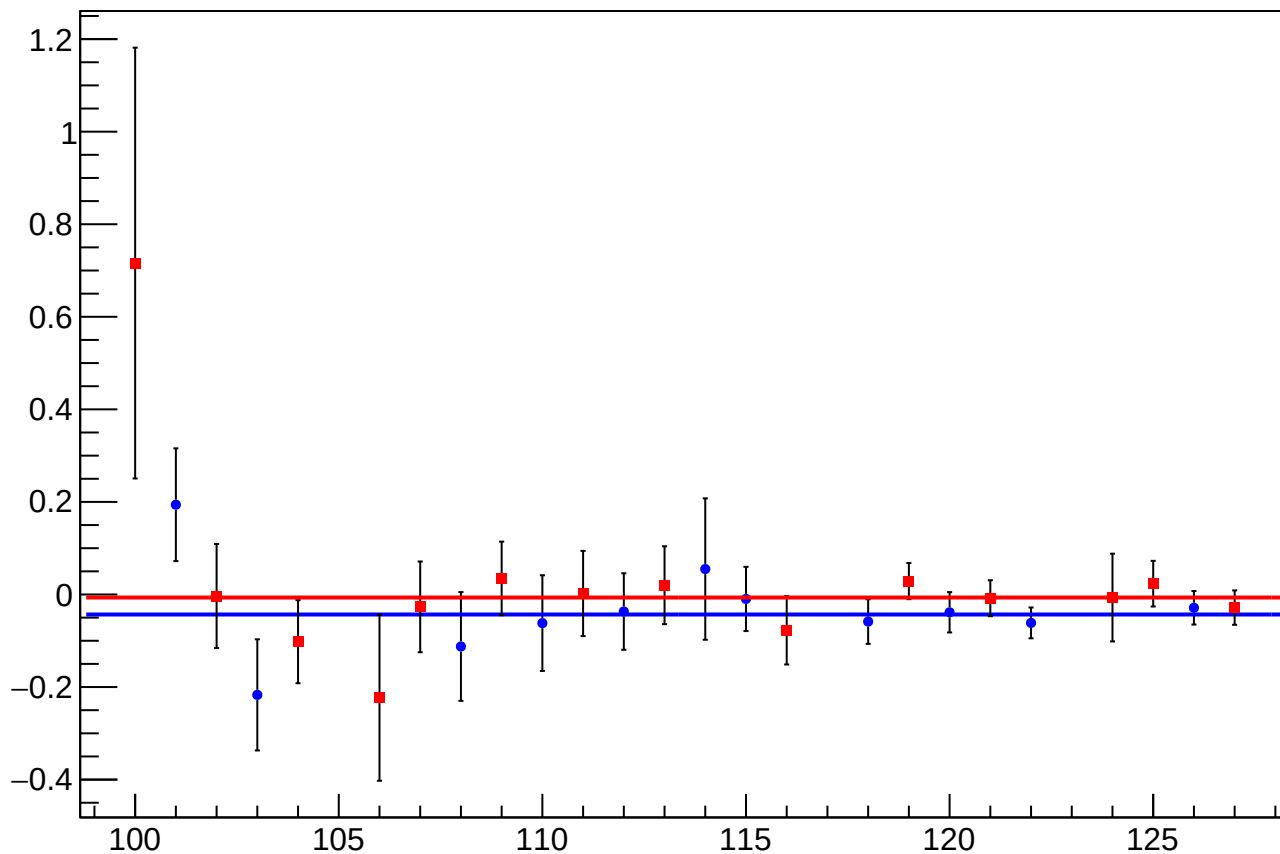
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.348+/-0.009 χ^2/NDF : 3977564.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.043 ± 0.017 χ^2/NDF : 7.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.007 ± 0.017 χ^2/NDF : 7.9/13

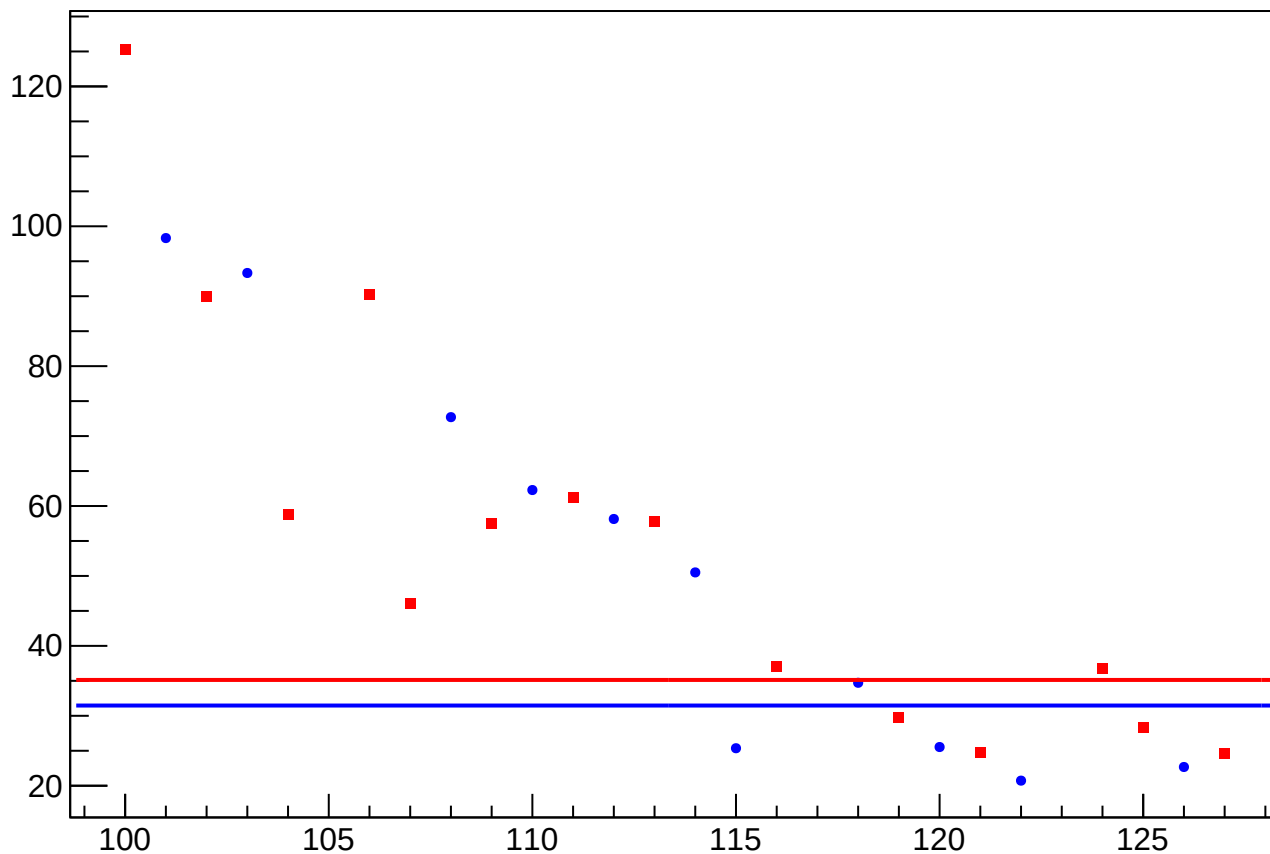
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.024 ± 0.012 χ^2/NDF : 17.7/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 31.468+/-0.012 χ^2/NDF : 2183423.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.128+/-0.012 χ^2/NDF : 1748422.8/13

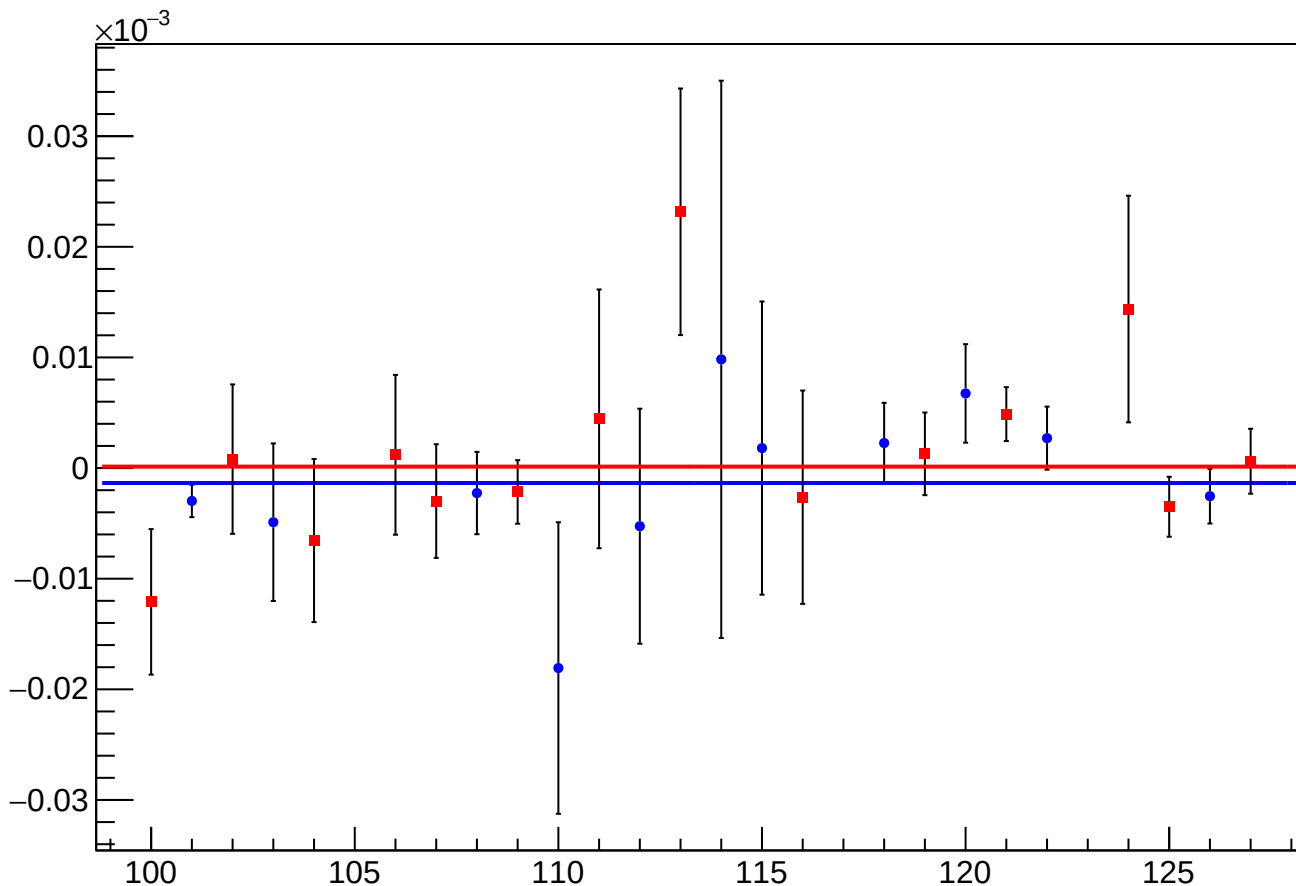
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.348+/-0.009 χ^2/NDF : 3977564.0/24

- sign 0.000+/-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: 10.1/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 17.4/13

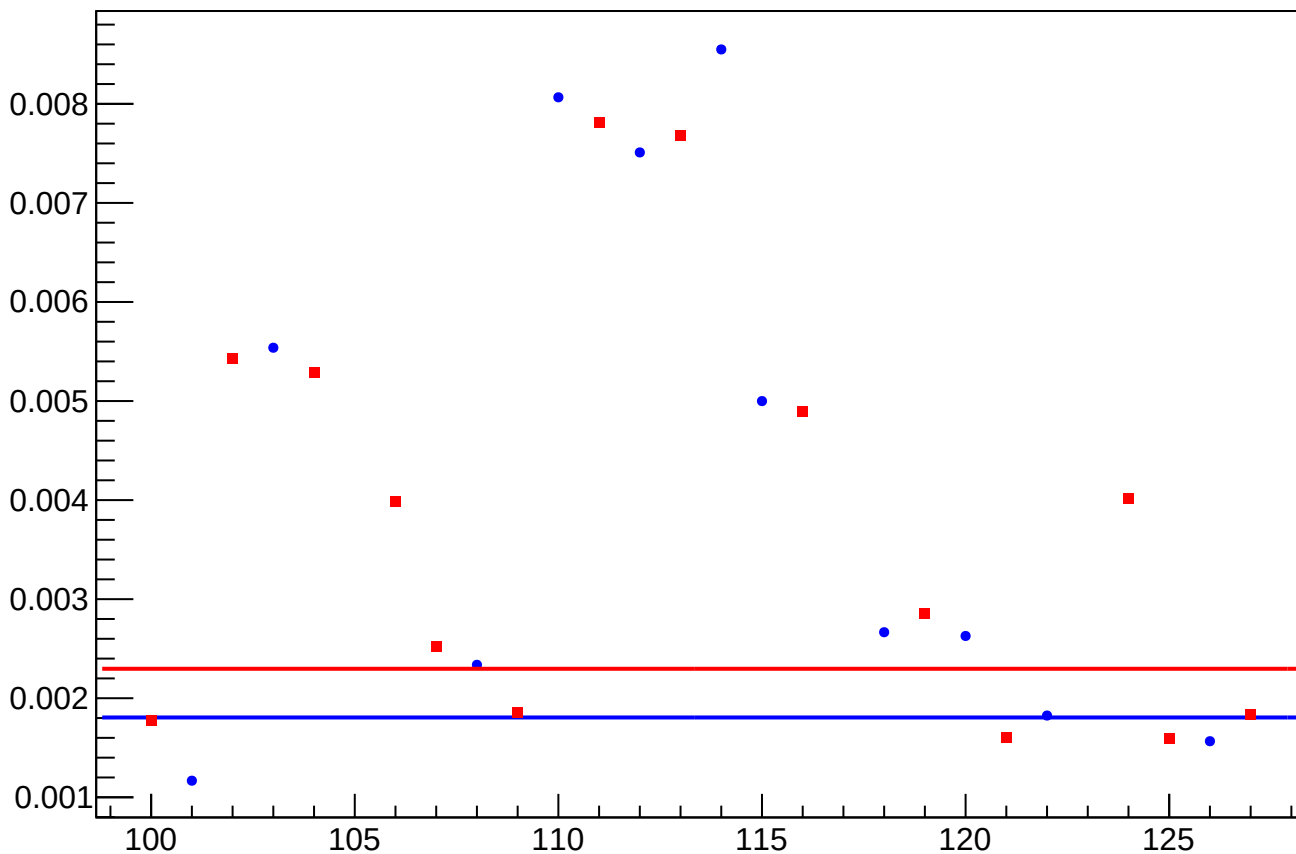
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 28.5/24

- 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 : 2457165.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2439650.1/13

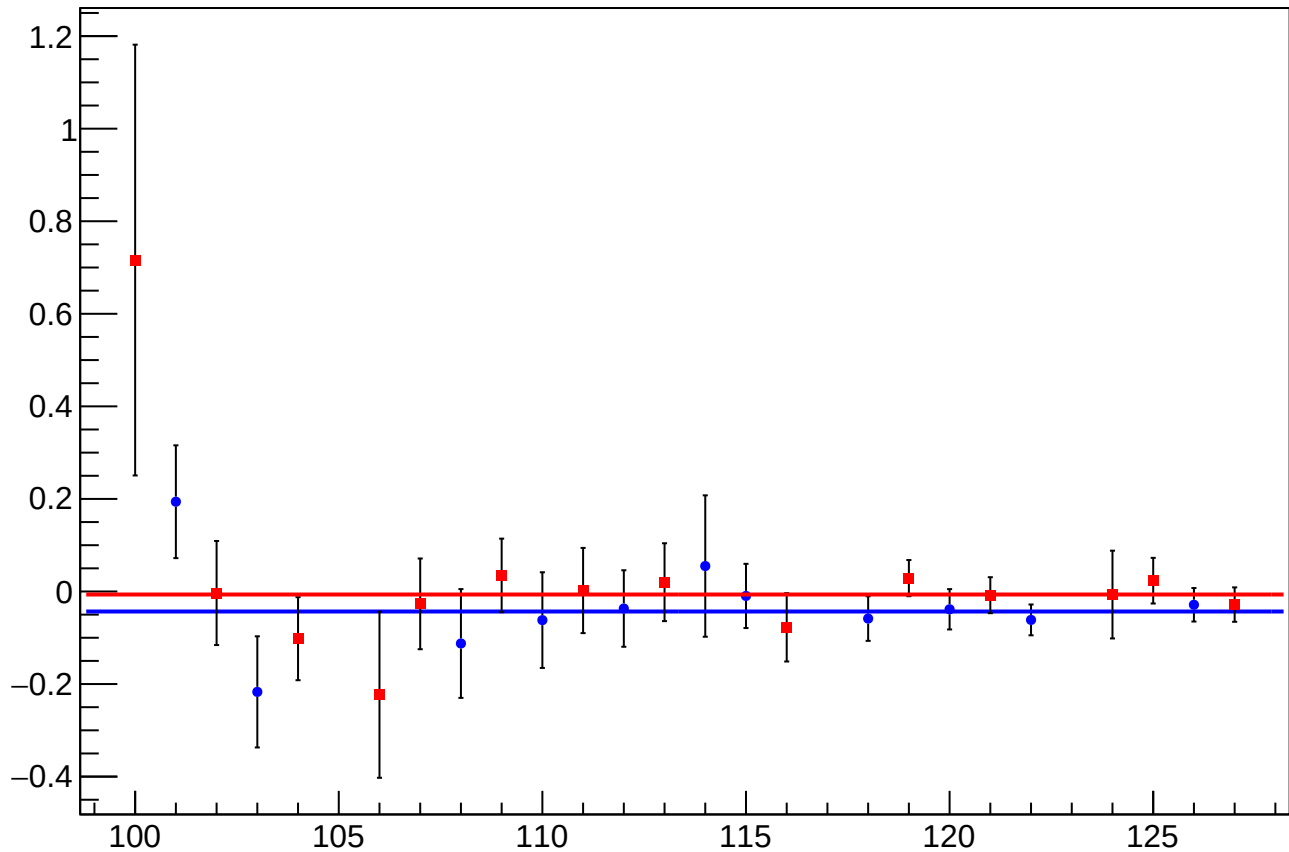
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5106324.5/24

- 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: -0.043 $\pm$ 0.017 χ^2 /NDF: 7.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.007 $\pm$ 0.017 χ^2 /NDF: 7.9/13

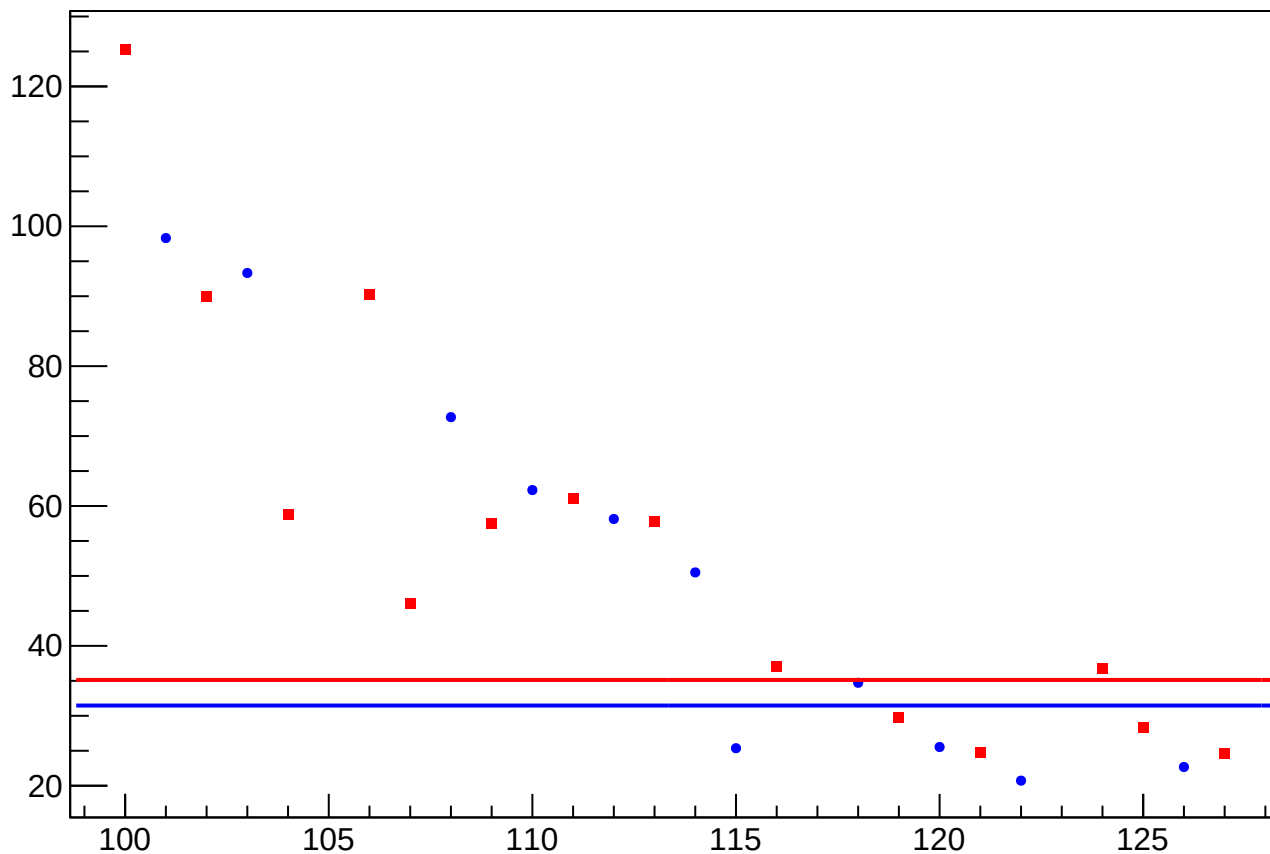
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.024 $\pm$ 0.012 χ^2 /NDF: 17.7/24

- 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: 31.468+/-0.012 χ^2/NDF : 2183395.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.128+/-0.012 χ^2/NDF : 1748364.3/13

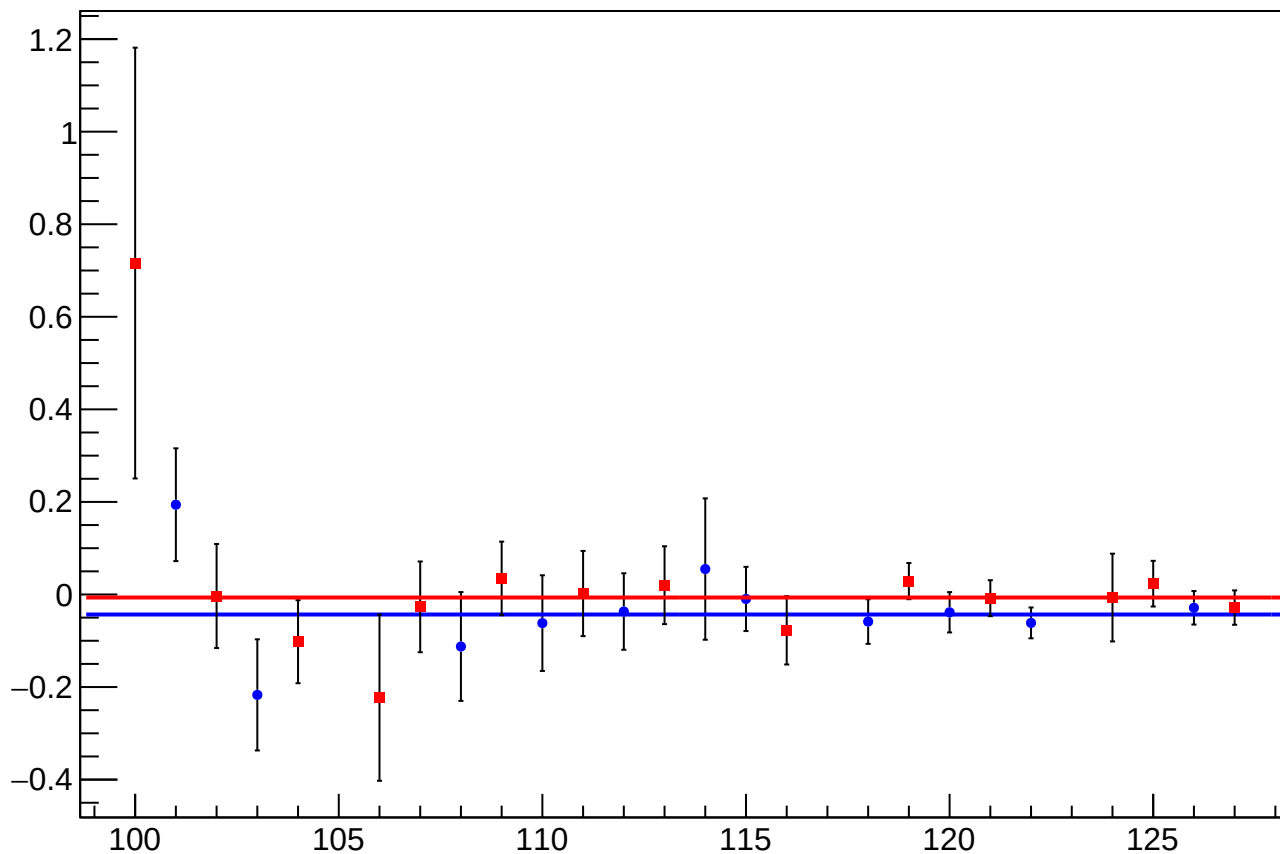
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.348+/-0.009 χ^2/NDF : 3977476.6/24

- 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: -0.043 $\pm$ 0.017 χ^2 /NDF: 7.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.007 $\pm$ 0.017 χ^2 /NDF: 7.9/13

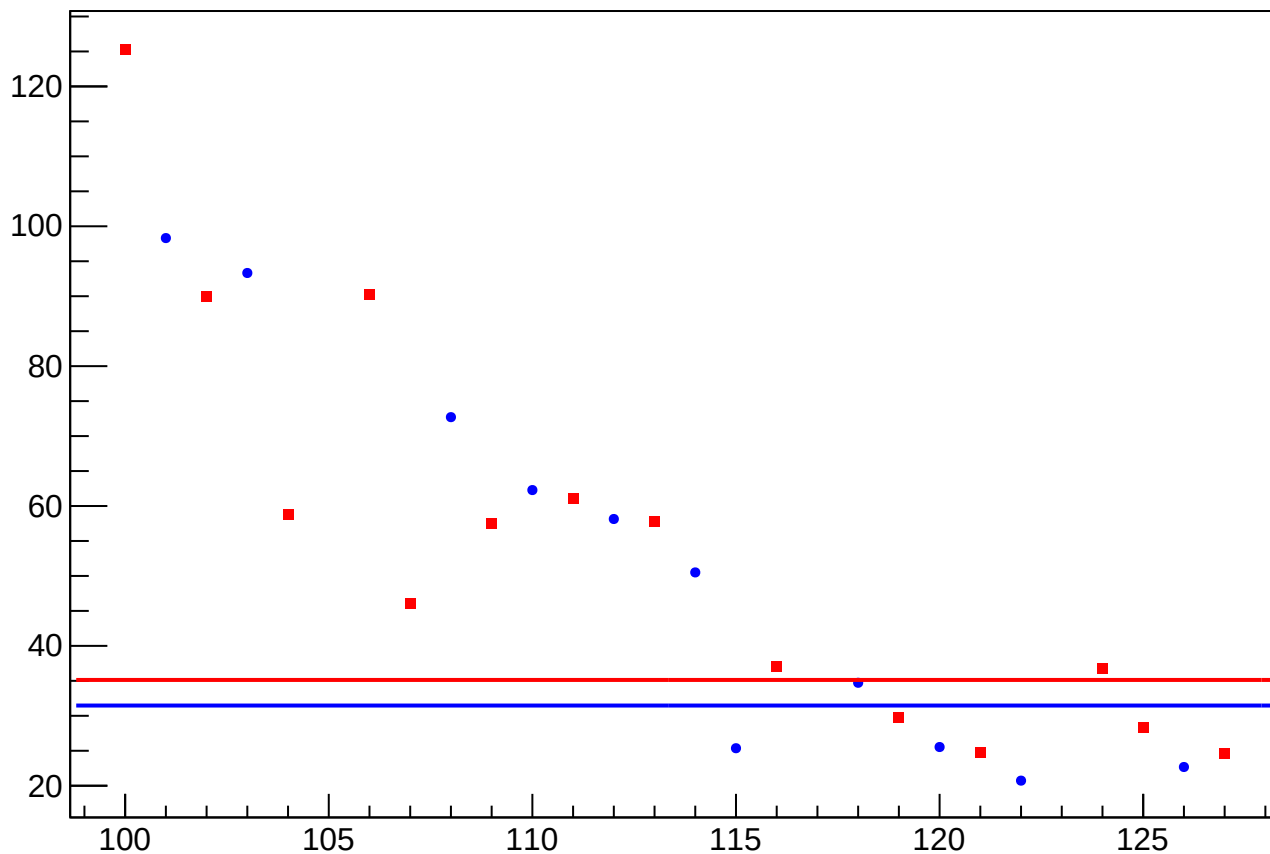
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.024 $\pm$ 0.012 χ^2 /NDF: 17.7/24

- 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: 31.468+/-0.012 χ^2/NDF : 2183395.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.128+/-0.012 χ^2/NDF : 1748364.3/13

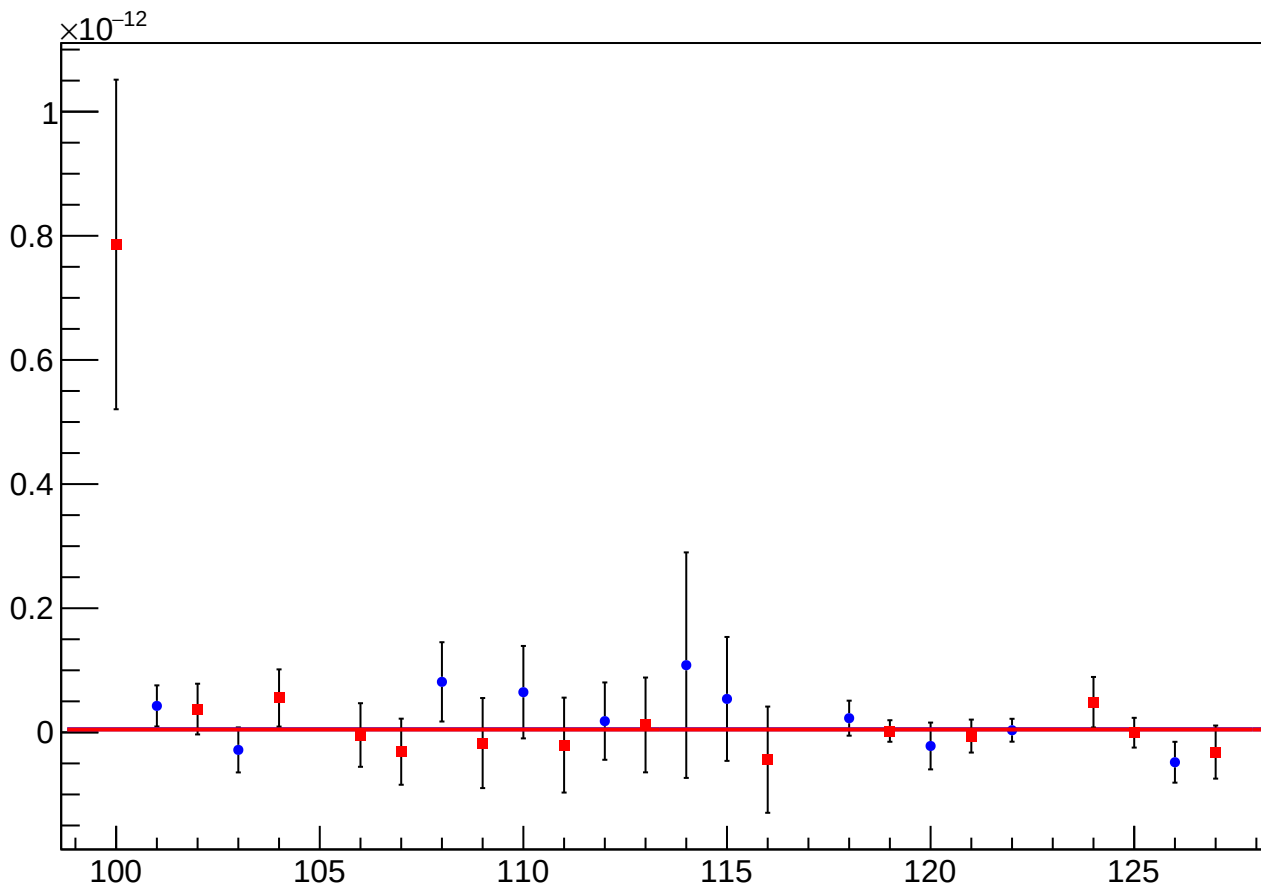
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.348+/-0.009 χ^2/NDF : 3977476.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.7/13

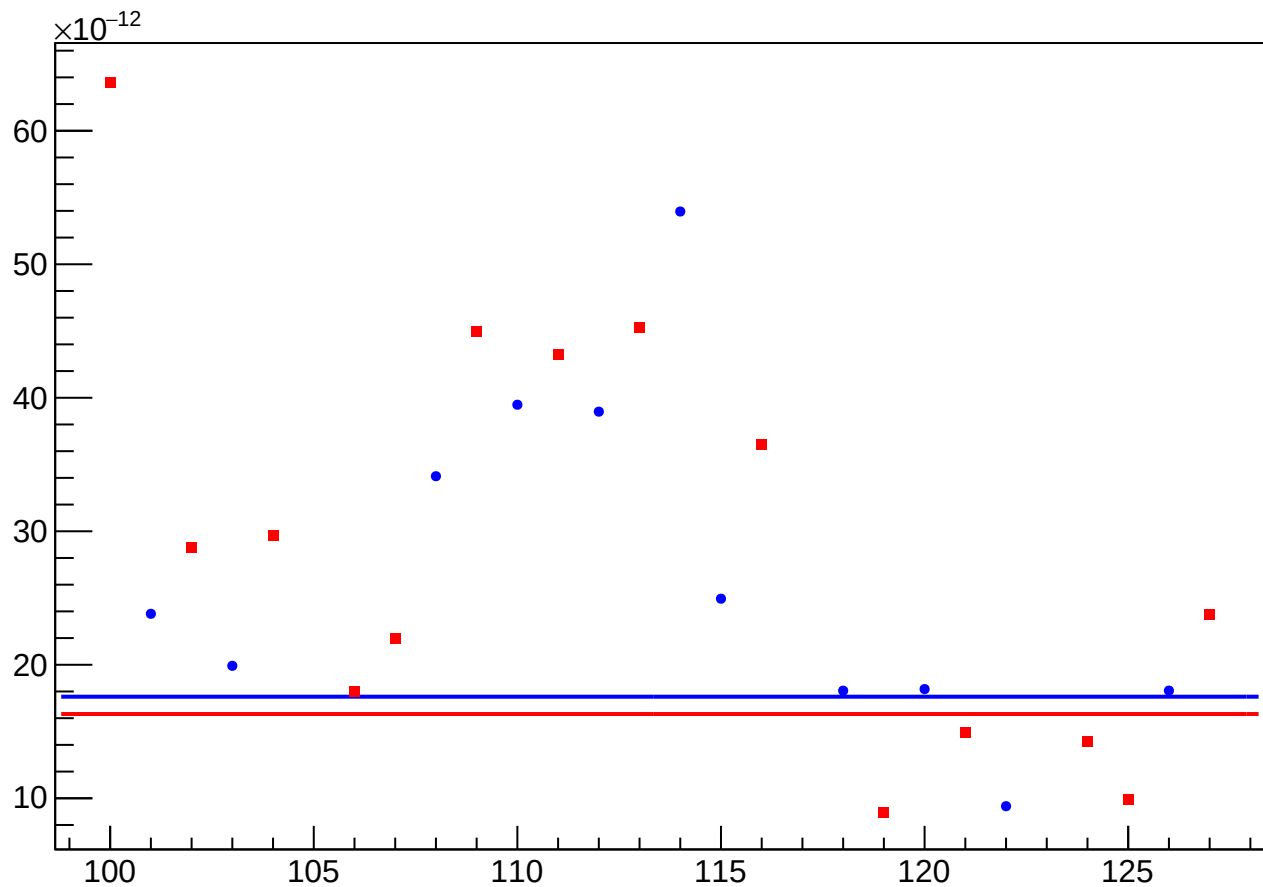
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 22.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1107931.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1977830.3/13

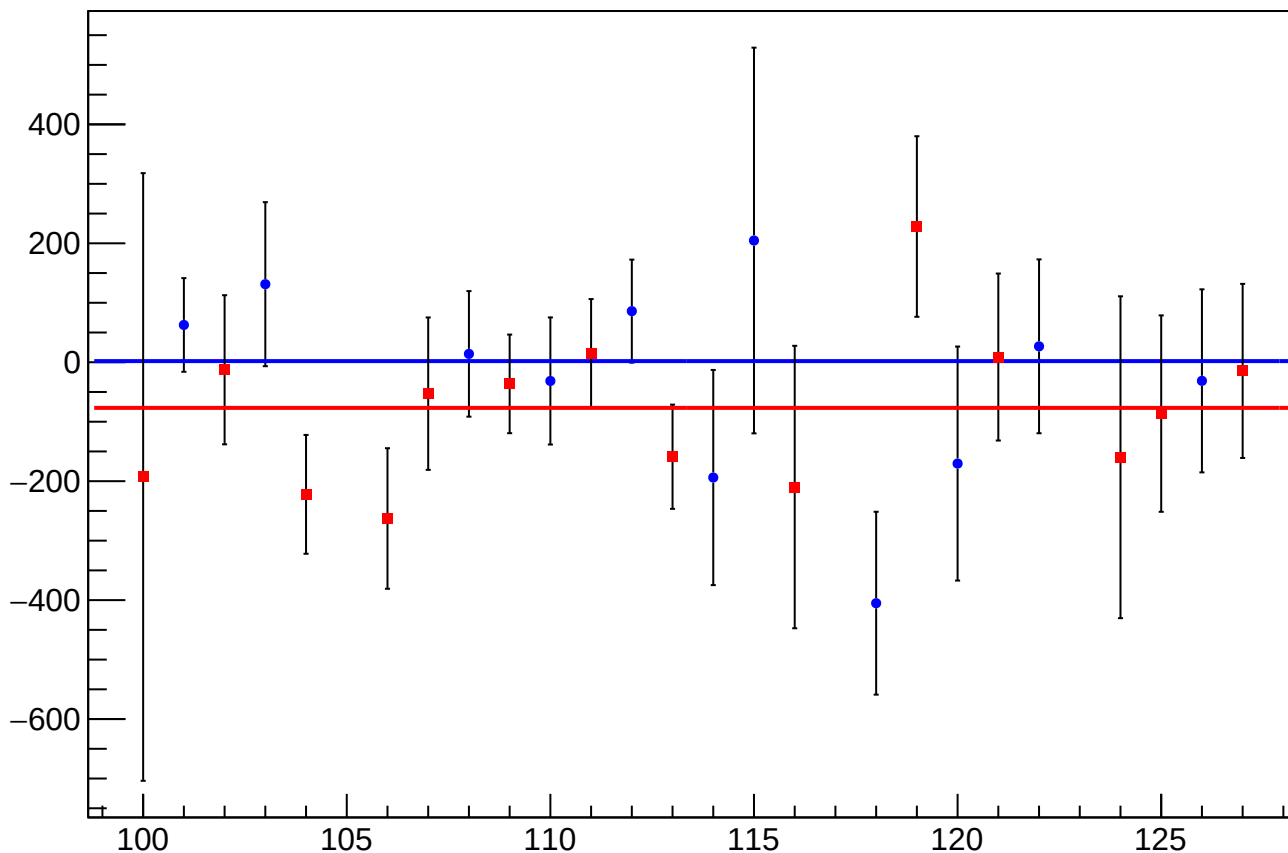
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3101143.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_mean vs Slug



Right In: 1.920 $\pm$ 37.229 χ^2 /NDF: 11.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -76.727 $\pm$ 33.247 χ^2 /NDF: 12.1/13

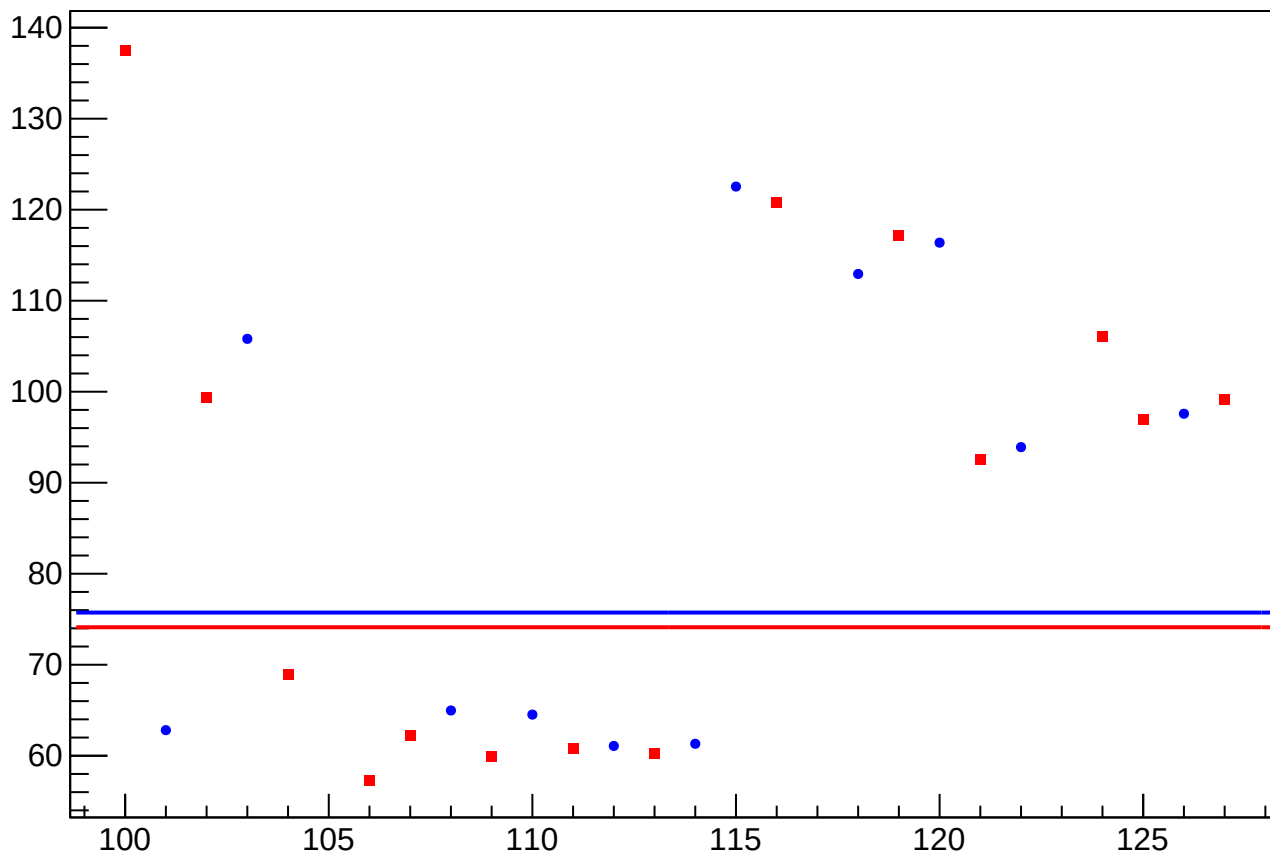
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -41.833 $\pm$ 24.798 χ^2 /NDF: 26.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1548_avg_rms vs Slug



Right In: 75.734+/-0.026 χ^2/NDF : 576994.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.119+/-0.024 χ^2/NDF : 722808.2/13

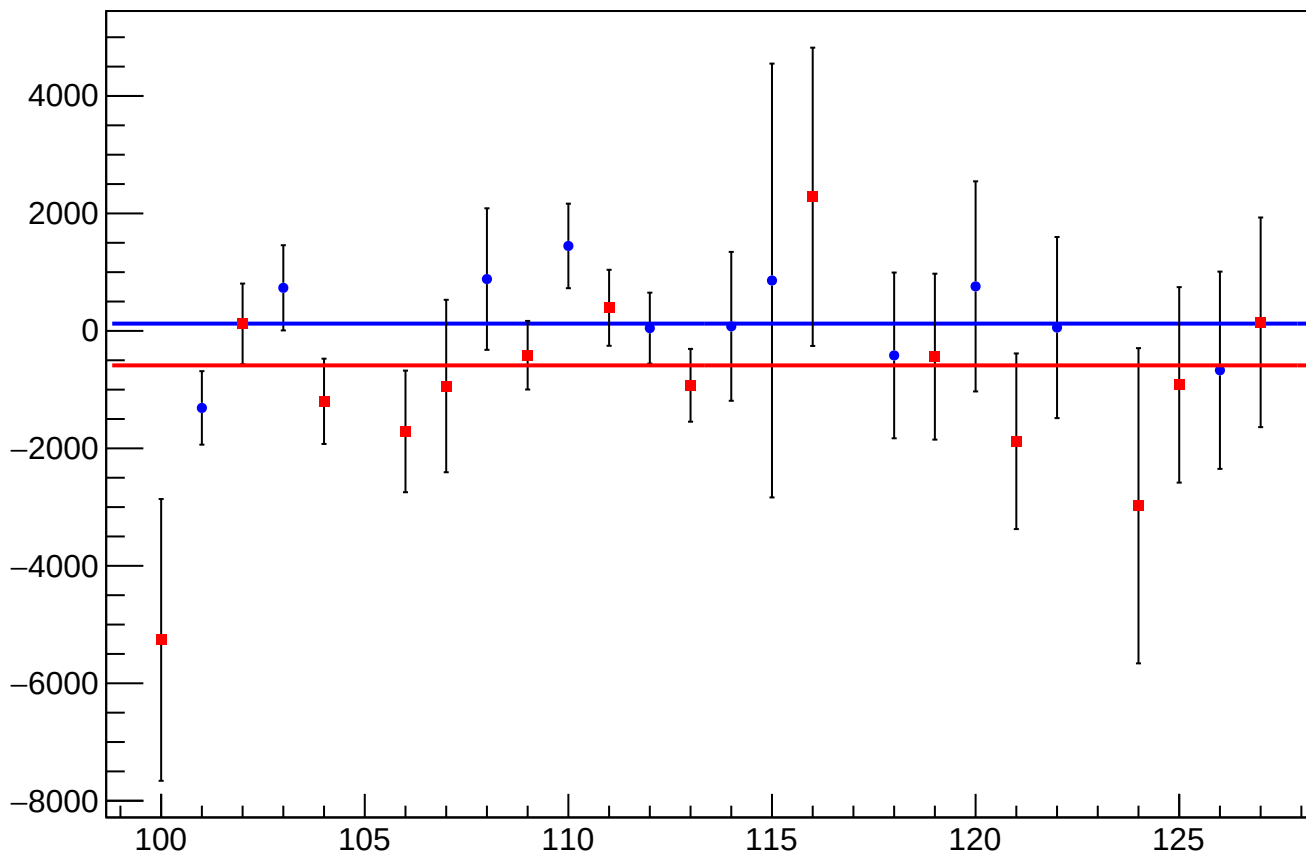
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.835+/-0.018 χ^2/NDF : 1301896.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_reg_correction_mean vs Slug



Right In: 124.059+/-287.472 χ^2/NDF : 10.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -587.080+/-254.579 χ^2/NDF : 12.5/13

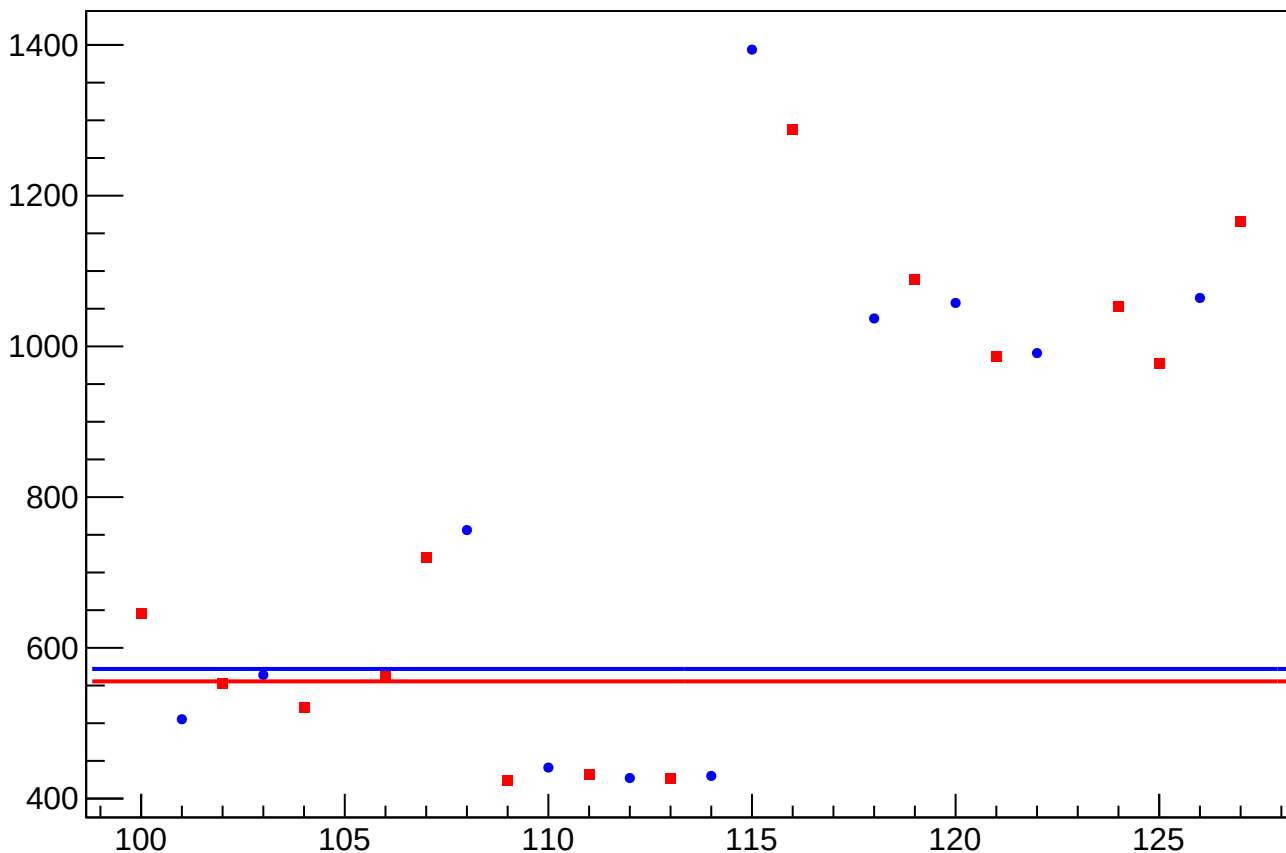
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -274.507+/-190.588 χ^2/NDF : 26.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_reg_correction_rms vs Slug



Right In: 571.997 $\pm$ 0.203 χ^2 /NDF: 1059263.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 555.518 $\pm$ 0.180 χ^2 /NDF: 1341584.6/13

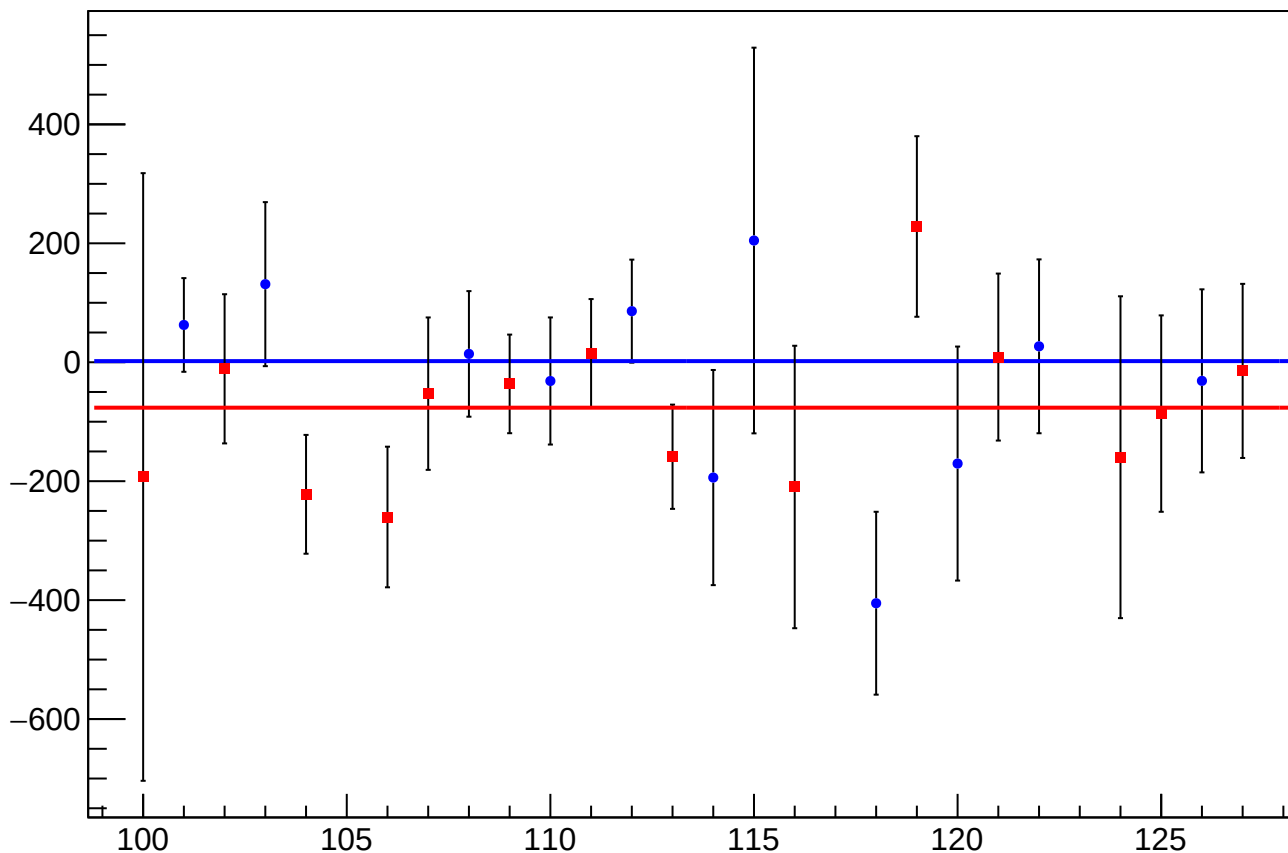
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 562.761 $\pm$ 0.135 χ^2 /NDF: 2404531.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_1548_avg_mean vs Slug



Right In: 1.915 $\pm$ 37.229 χ^2 /NDF: 11.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -76.398 $\pm$ 33.250 χ^2 /NDF: 12.0/13

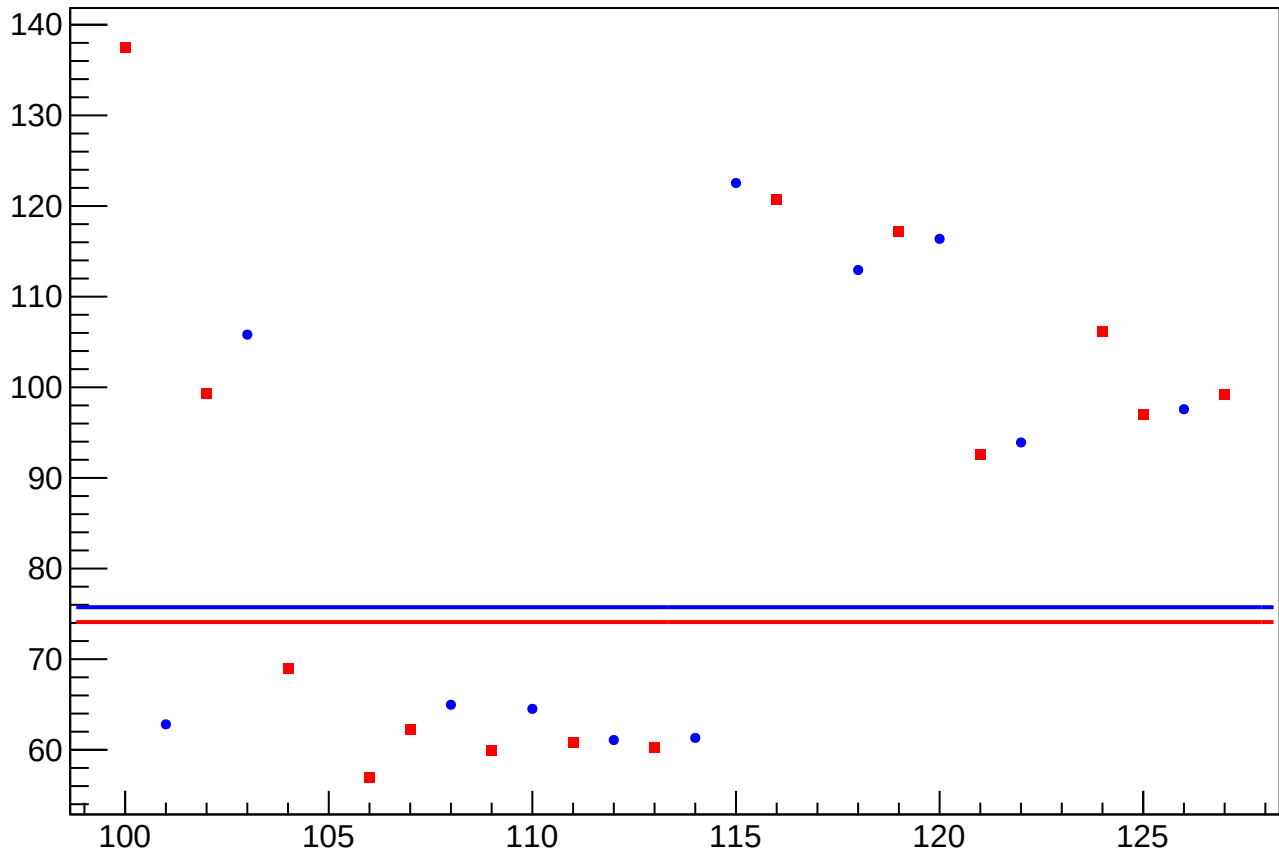
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -41.649 $\pm$ 24.799 χ^2 /NDF: 26.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_1548_avg_rms vs Slug



Right In: 75.734+/-0.026 χ^2/NDF : 576996.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.095+/-0.024 χ^2/NDF : 724593.6/13

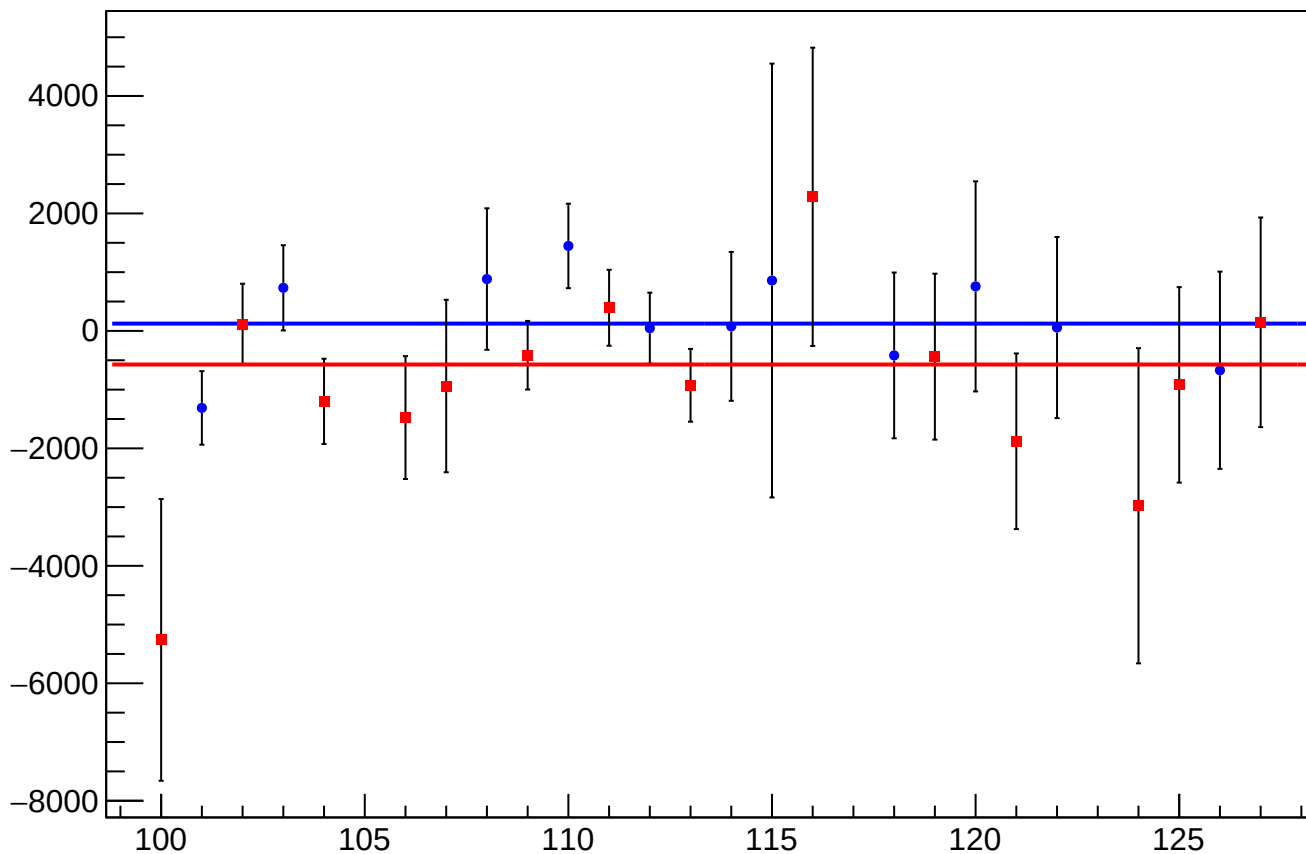
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.822+/-0.018 χ^2/NDF : 1303745.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_cor_correction_mean vs Slug



Right In: 124.027+/-287.477 χ^2/NDF : 10.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -572.361+/-254.759 χ^2/NDF : 12.1/13

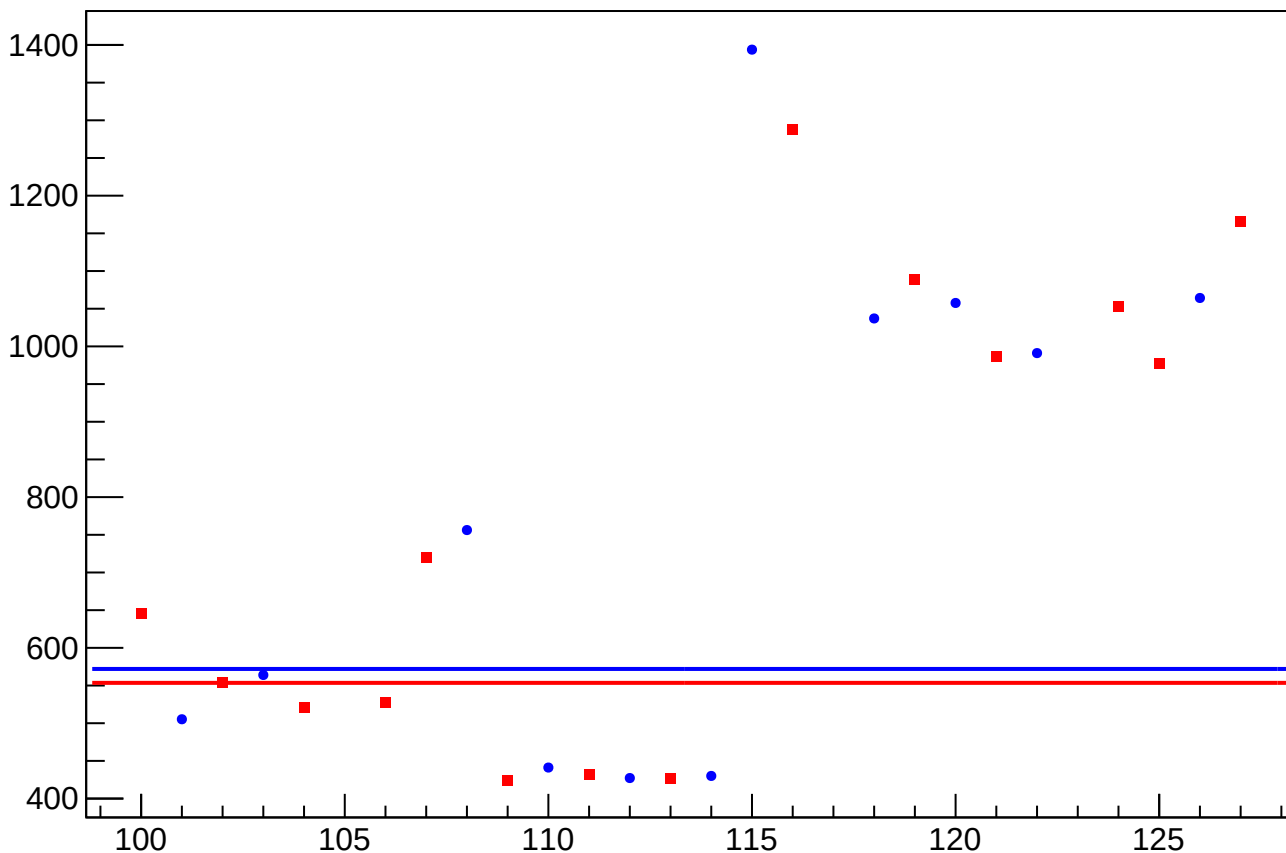
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -266.035+/-190.664 χ^2/NDF : 25.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_cor_correction_rms vs Slug



Right In: 572.006 $\pm$ 0.203 χ^2 /NDF: 1059257.5/10

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

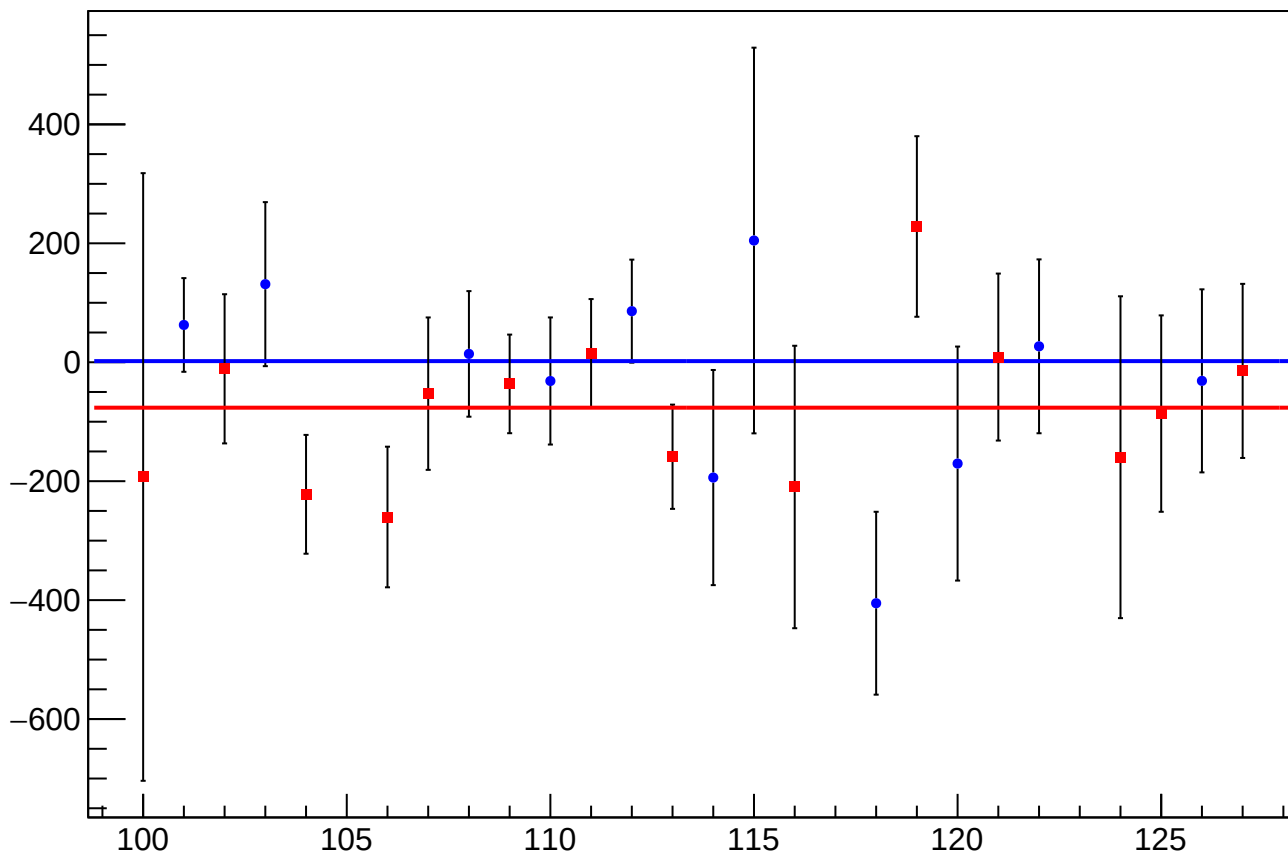
Right Out: 553.539 $\pm$ 0.180 χ^2 /NDF: 1342832.3/13

All: 561.662 $\pm$ 0.135 χ^2 /NDF: 2406713.0/24

- 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_sam_1548_avg_mean vs Slug



Right In: 1.915+/-37.229 χ^2 /NDF: 11.9/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -76.398+/-33.250 χ^2 /NDF: 12.0/13

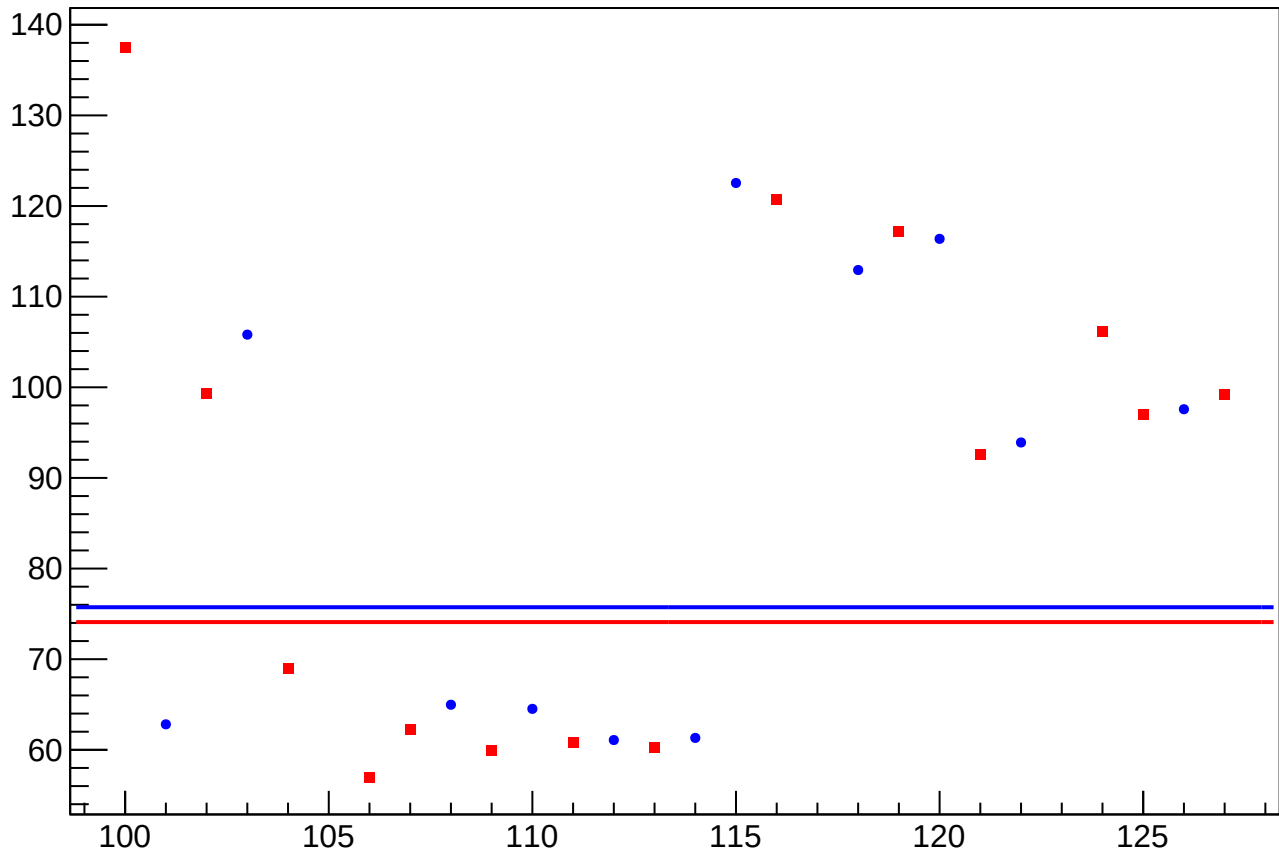
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -41.649+/-24.799 χ^2 /NDF: 26.4/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_1548_avg_rms vs Slug



Right In: 75.734 $\pm$ 0.026 χ^2 /NDF: 576996.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 74.095 $\pm$ 0.024 χ^2 /NDF: 724593.6/13

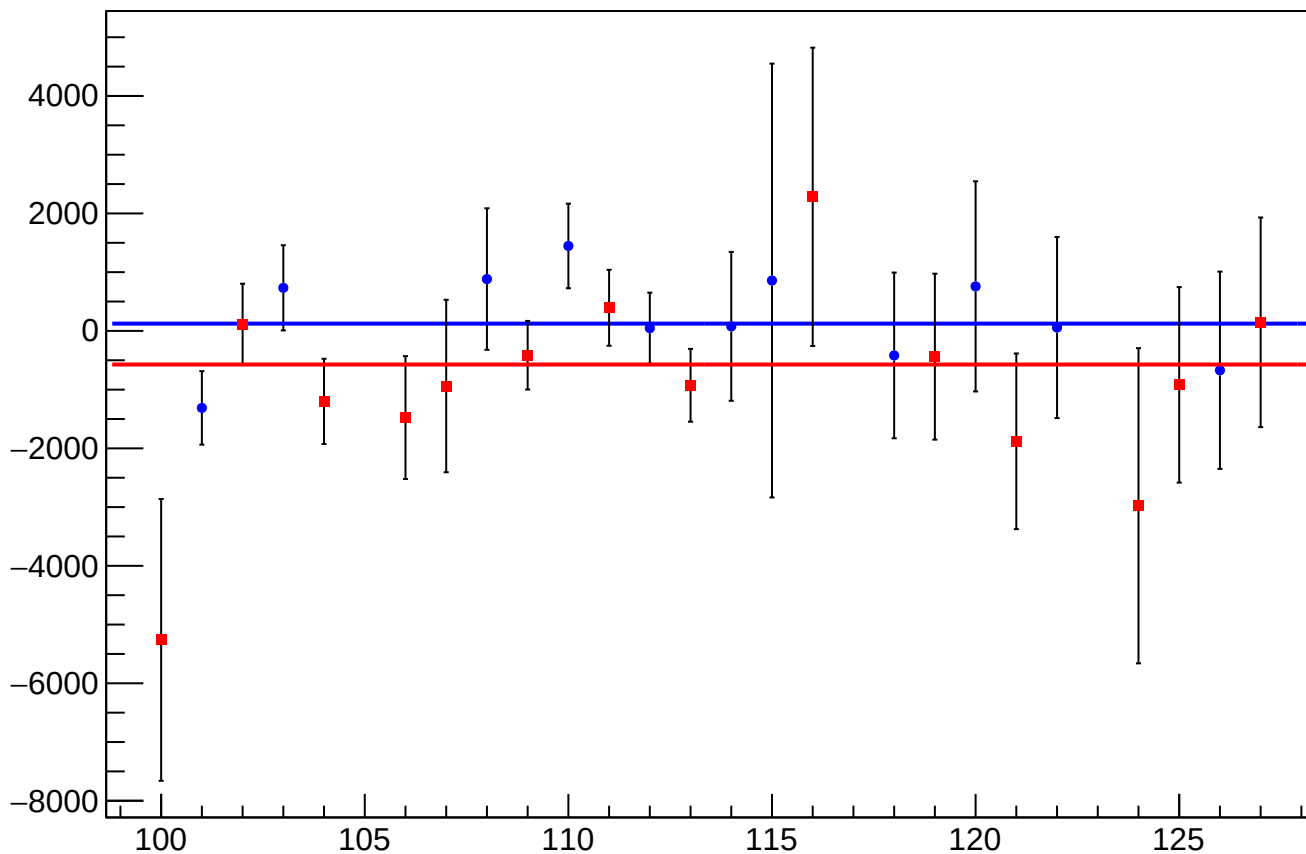
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 74.822 $\pm$ 0.018 χ^2 /NDF: 1303745.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_eigen_cor_correction_mean vs Slug



Right In: 124.027+/-287.477 χ^2/NDF : 10.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -572.361+/-254.759 χ^2/NDF : 12.1/13

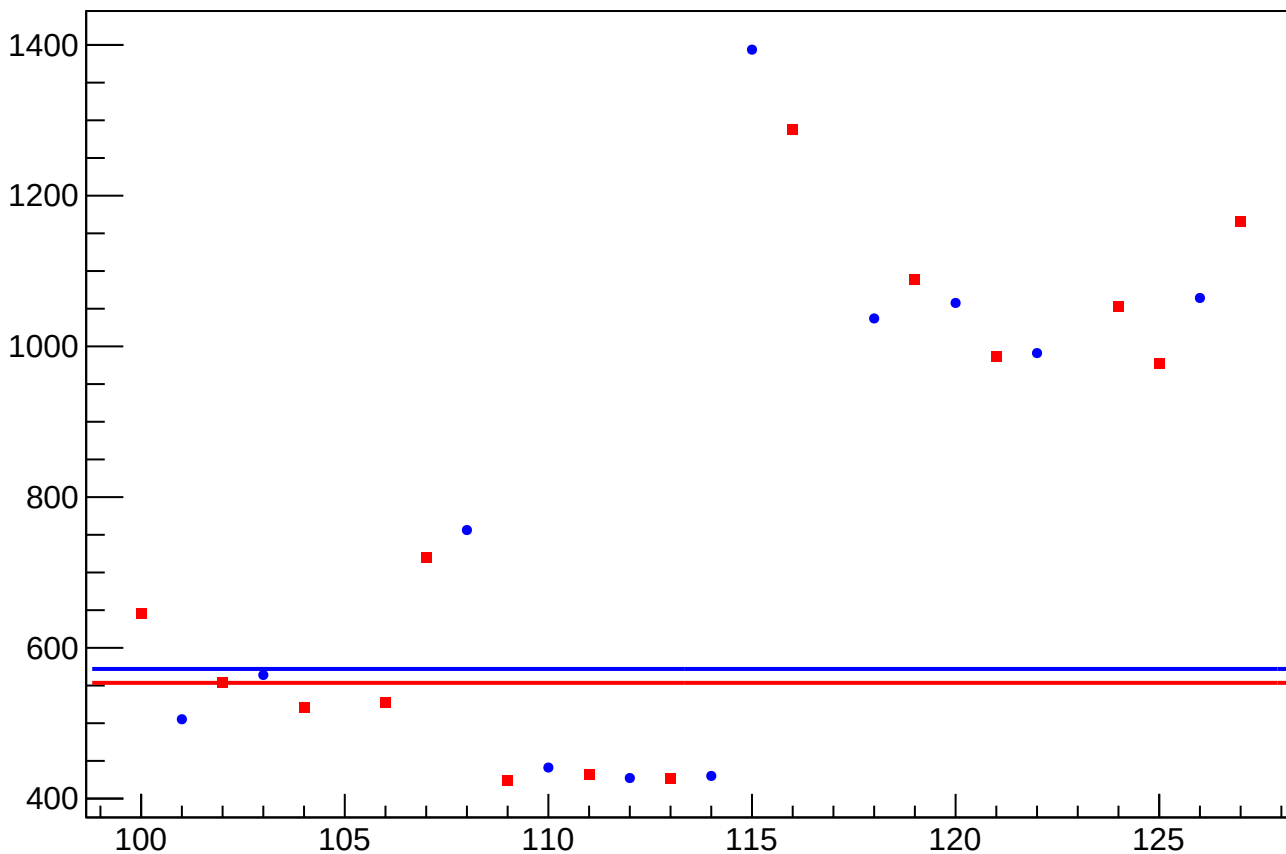
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -266.035+/-190.664 χ^2/NDF : 25.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_eigen_cor_correction_rms vs Slug



Right In: 572.006+/-0.203 χ^2/NDF : 1059257.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 553.539+/-0.180 χ^2/NDF : 1342832.3/13

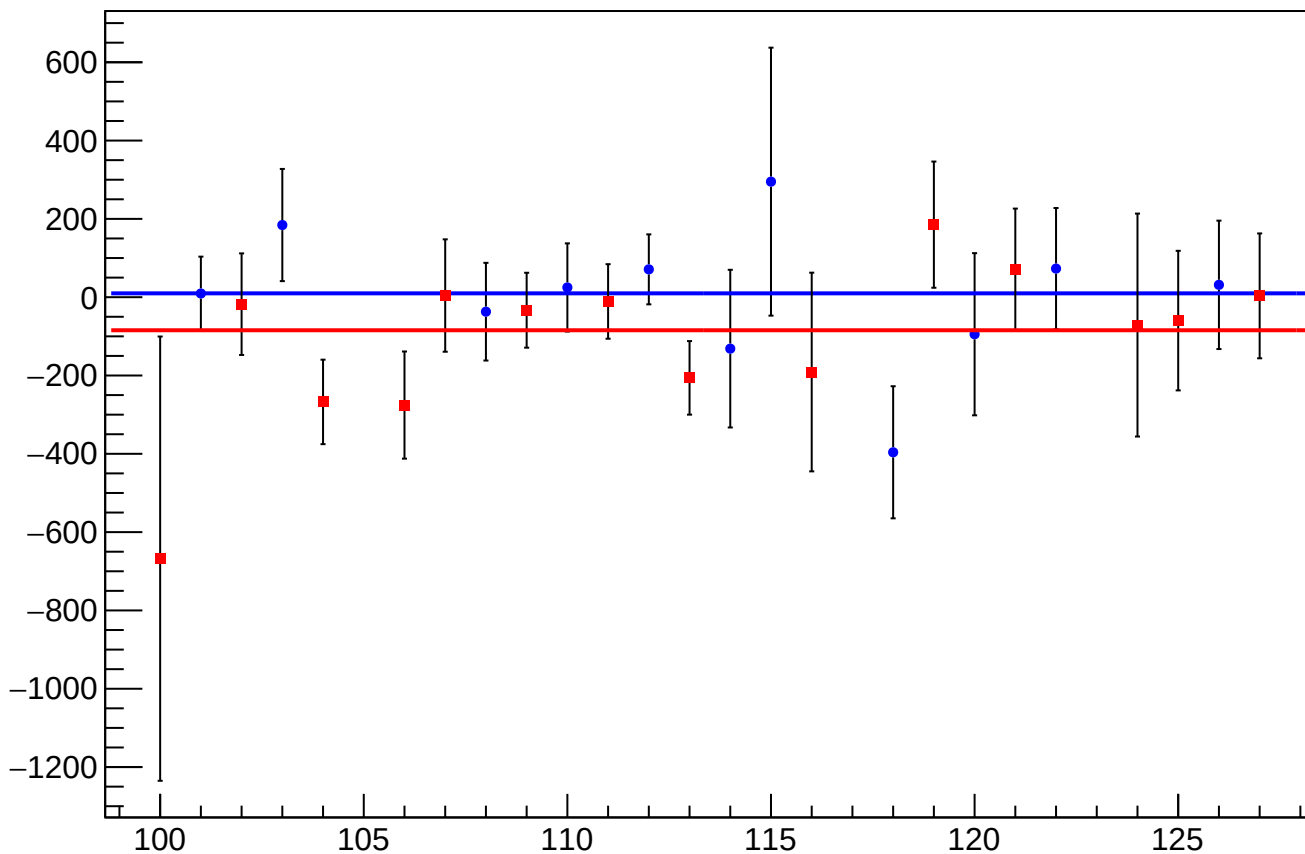
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 561.662+/-0.135 χ^2/NDF : 2406713.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1548_avg_mean vs Slug



Right In: 9.833+/-40.802 χ^2/NDF : 9.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -84.446+/-36.224 χ^2/NDF : 13.4/13

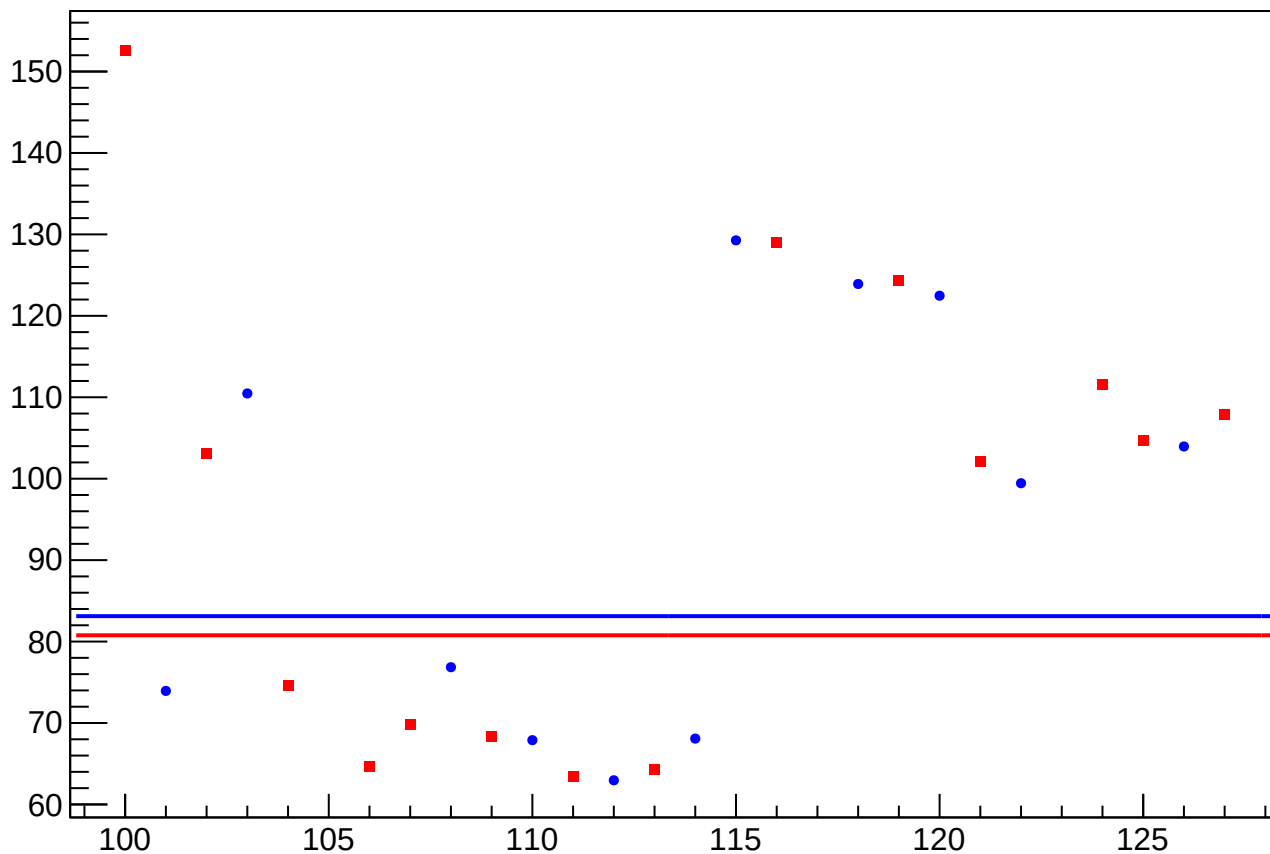
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.890+/-27.089 χ^2/NDF : 25.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1548_avg_rms vs Slug



Right In: 83.118 ± 0.029 $\chi^2/\text{NDF}: 526597.8/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 80.767 ± 0.026 $\chi^2/\text{NDF}: 672040.1/13$

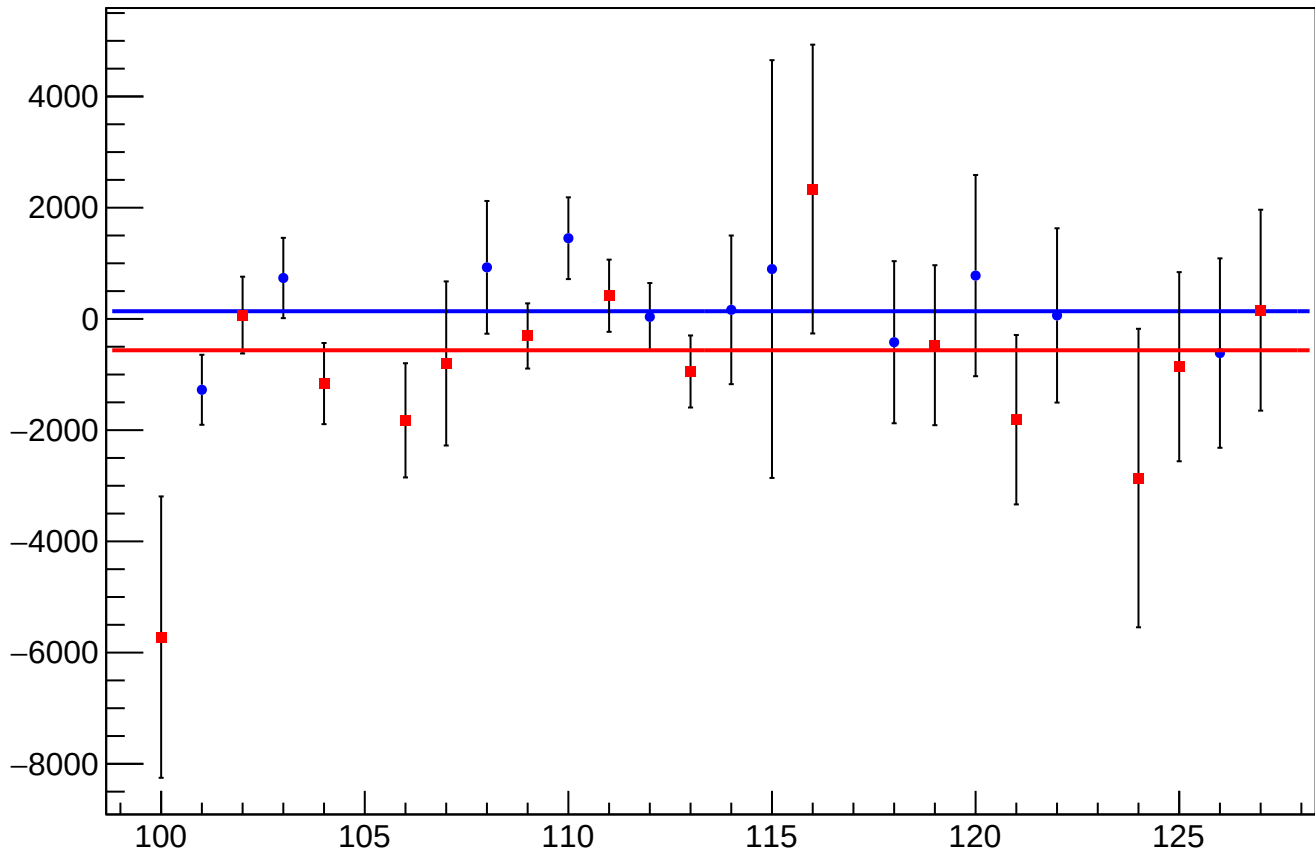
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 81.804 ± 0.019 $\chi^2/\text{NDF}: 1202350.5/24$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam_1548_avg_dit_correction_mean vs Slug



Right In: 138.416 $\pm$ 290.320 χ^2 /NDF: 9.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -563.876 $\pm$ 257.653 χ^2 /NDF: 12.9/13

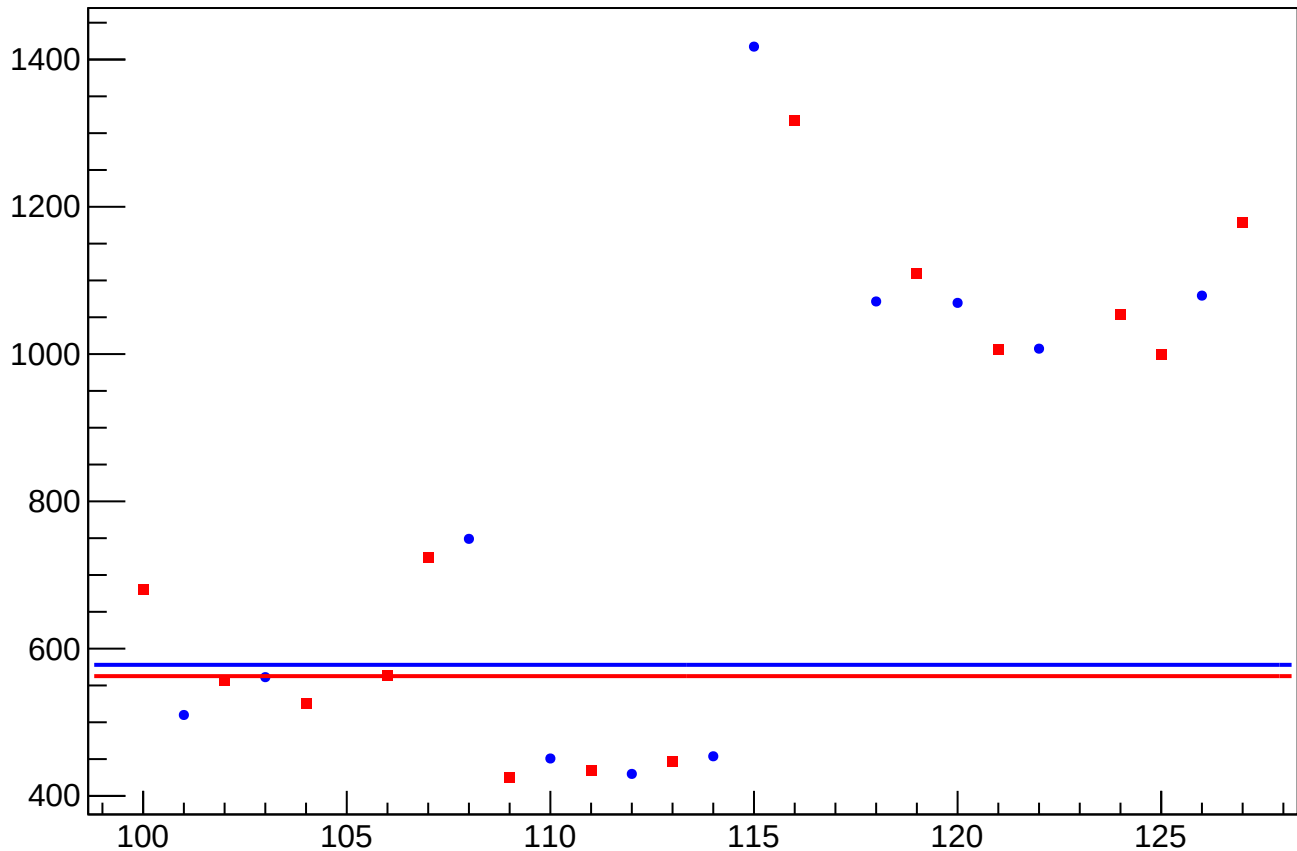
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -254.449 $\pm$ 192.707 χ^2 /NDF: 26.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_dit_correction_rms vs Slug



Right In: 577.999+/-0.205 χ^2/NDF : 1061909.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 562.666+/-0.182 χ^2/NDF : 1344275.7/13

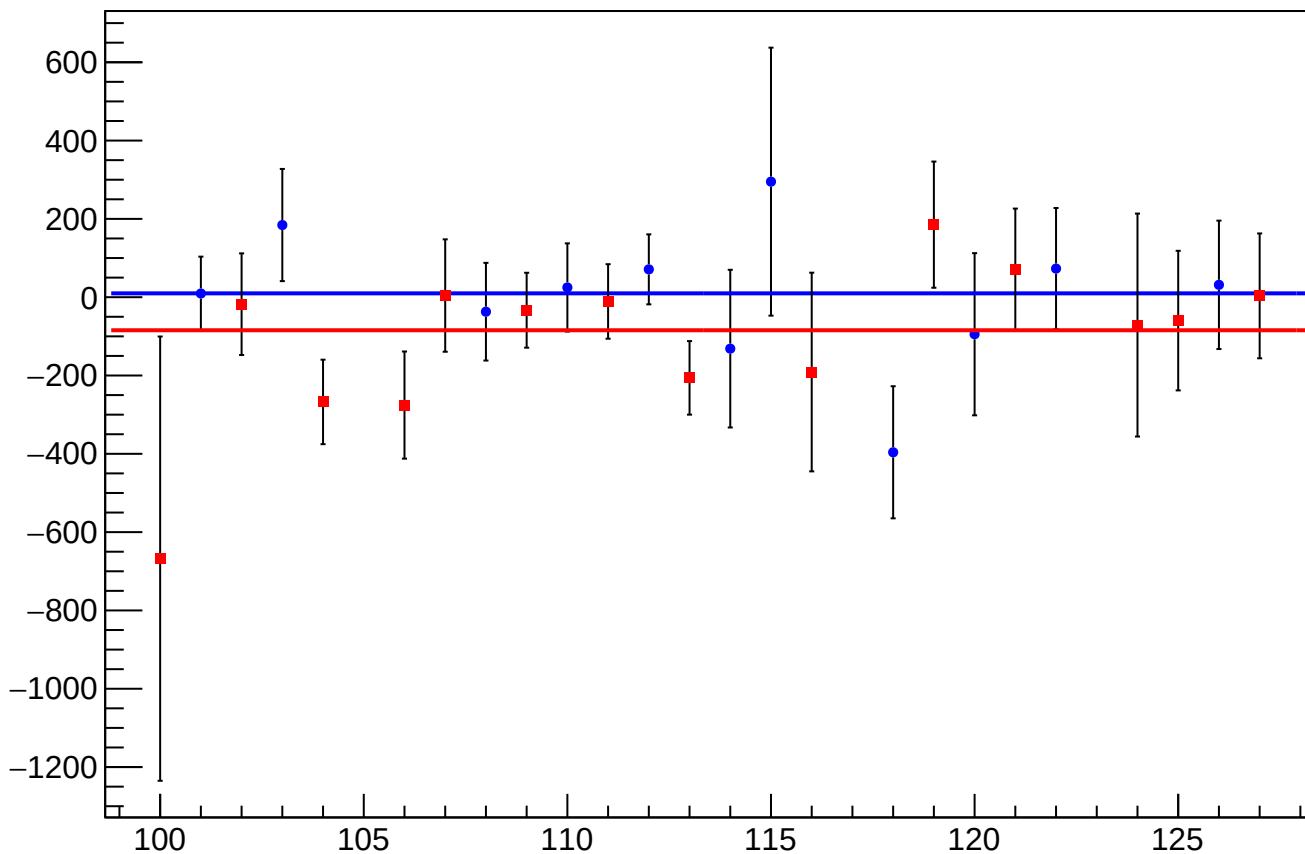
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 569.422+/-0.136 χ^2/NDF : 2409306.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1548_avg_mean vs Slug



Right In: 9.833+/-40.802 χ^2/NDF : 9.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -84.445+/-36.224 χ^2/NDF : 13.4/13

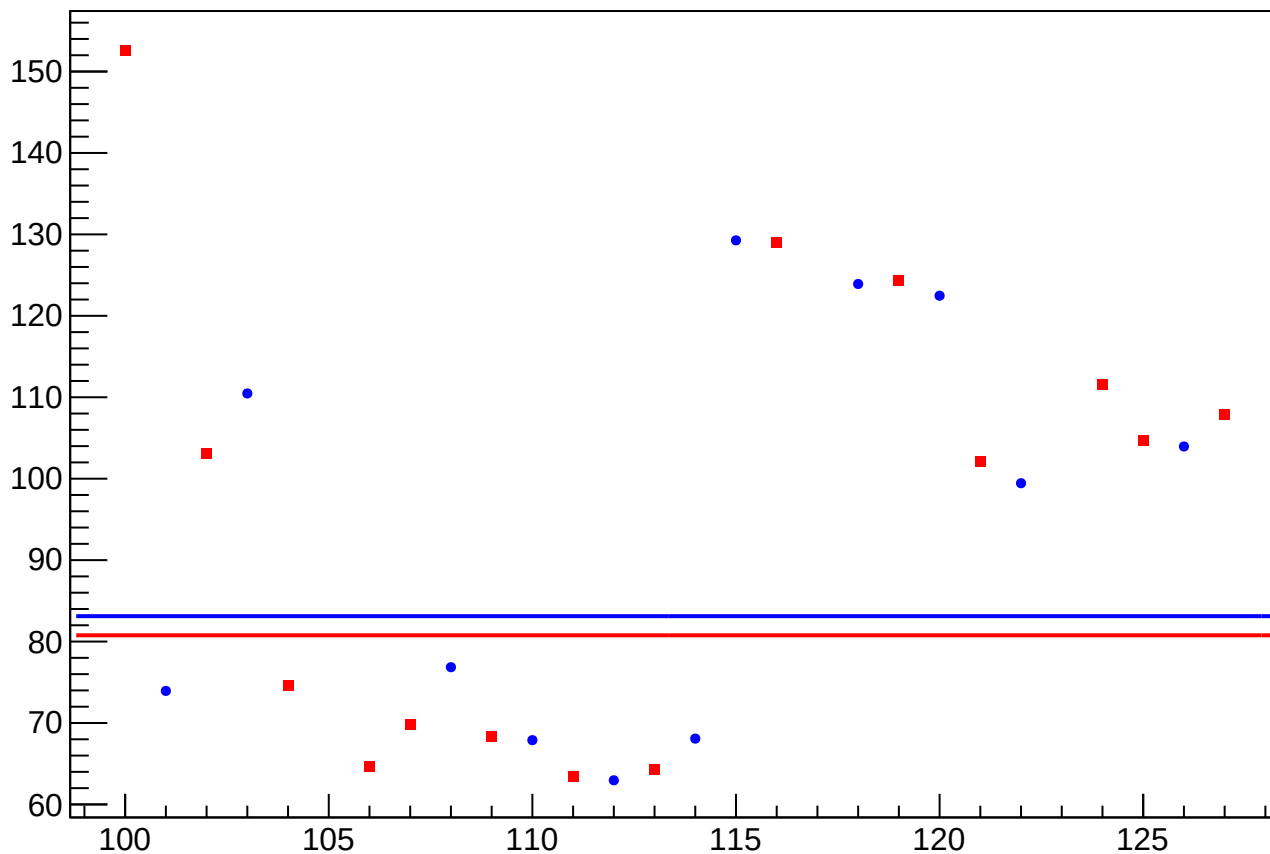
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.890+/-27.089 χ^2/NDF : 25.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1548_avg_rms vs Slug



Right In: 83.118+/-0.029 χ^2/NDF : 526599.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.767+/-0.026 χ^2/NDF : 672040.1/13

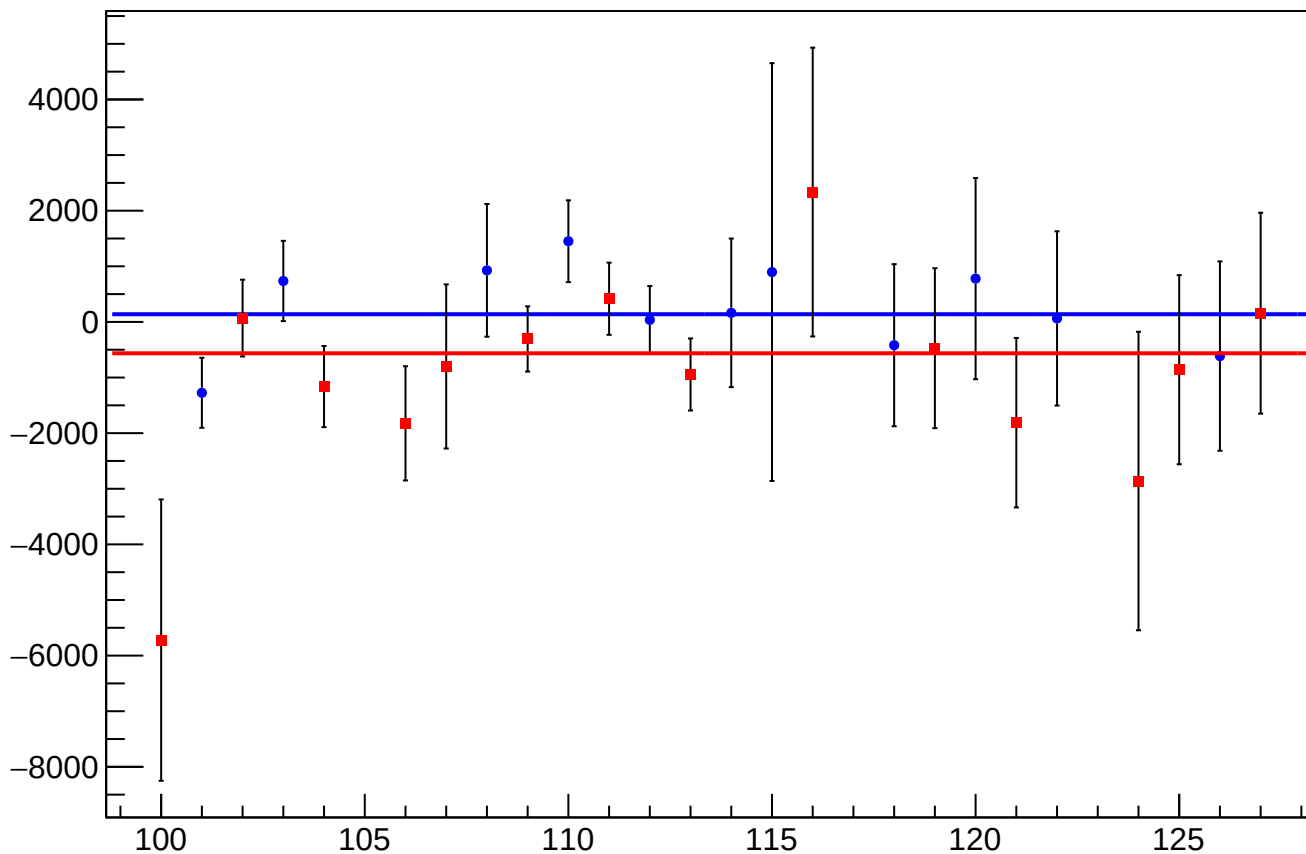
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.804+/-0.019 χ^2/NDF : 1202352.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_eigen_dit_correction_mean vs Slug



Right In: 138.416+/-290.320 χ^2/NDF : 9.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -563.875+/-257.652 χ^2/NDF : 12.9/13

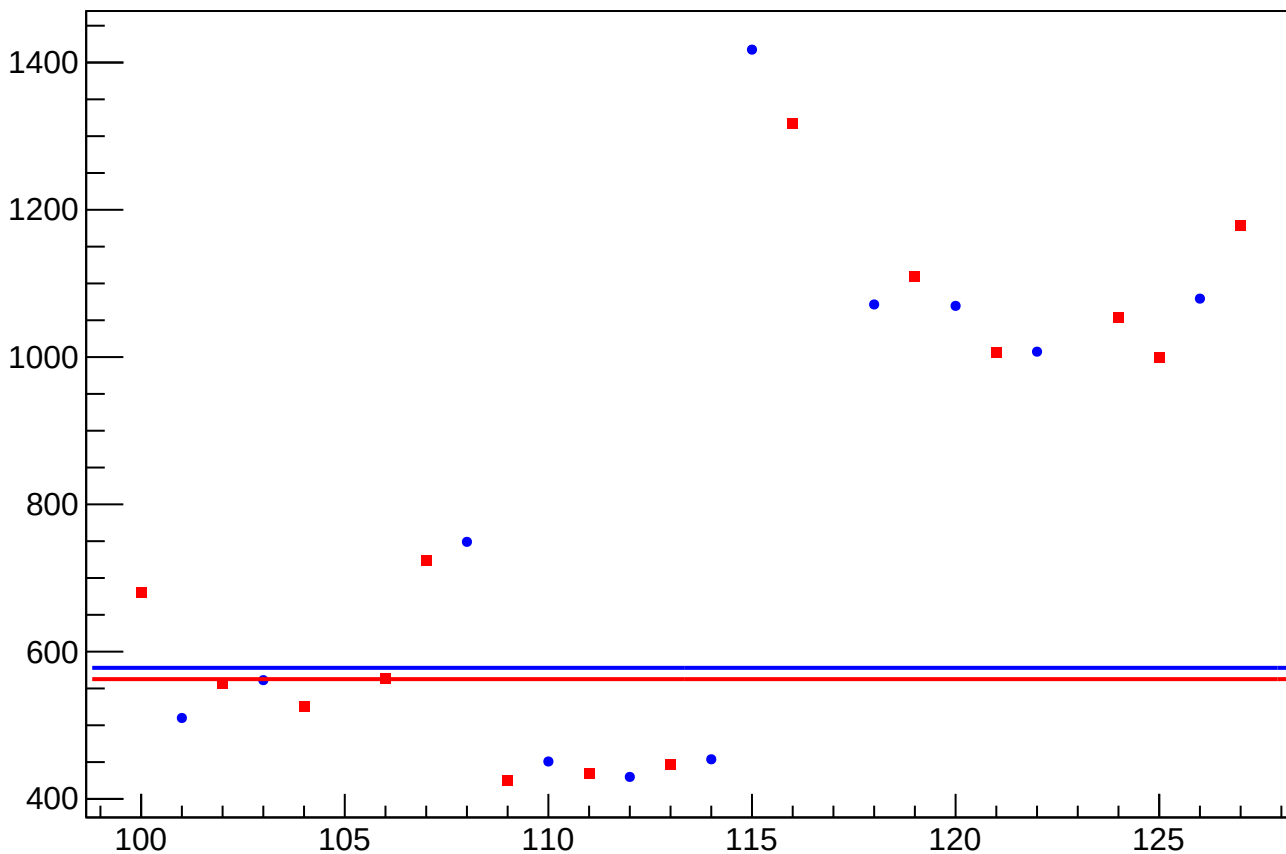
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -254.448+/-192.707 χ^2/NDF : 26.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_eigen_dit_correction_rms vs Slug



Right In: 577.998+/-0.205 χ^2/NDF : 1061913.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 562.665+/-0.182 χ^2/NDF : 1344278.3/13

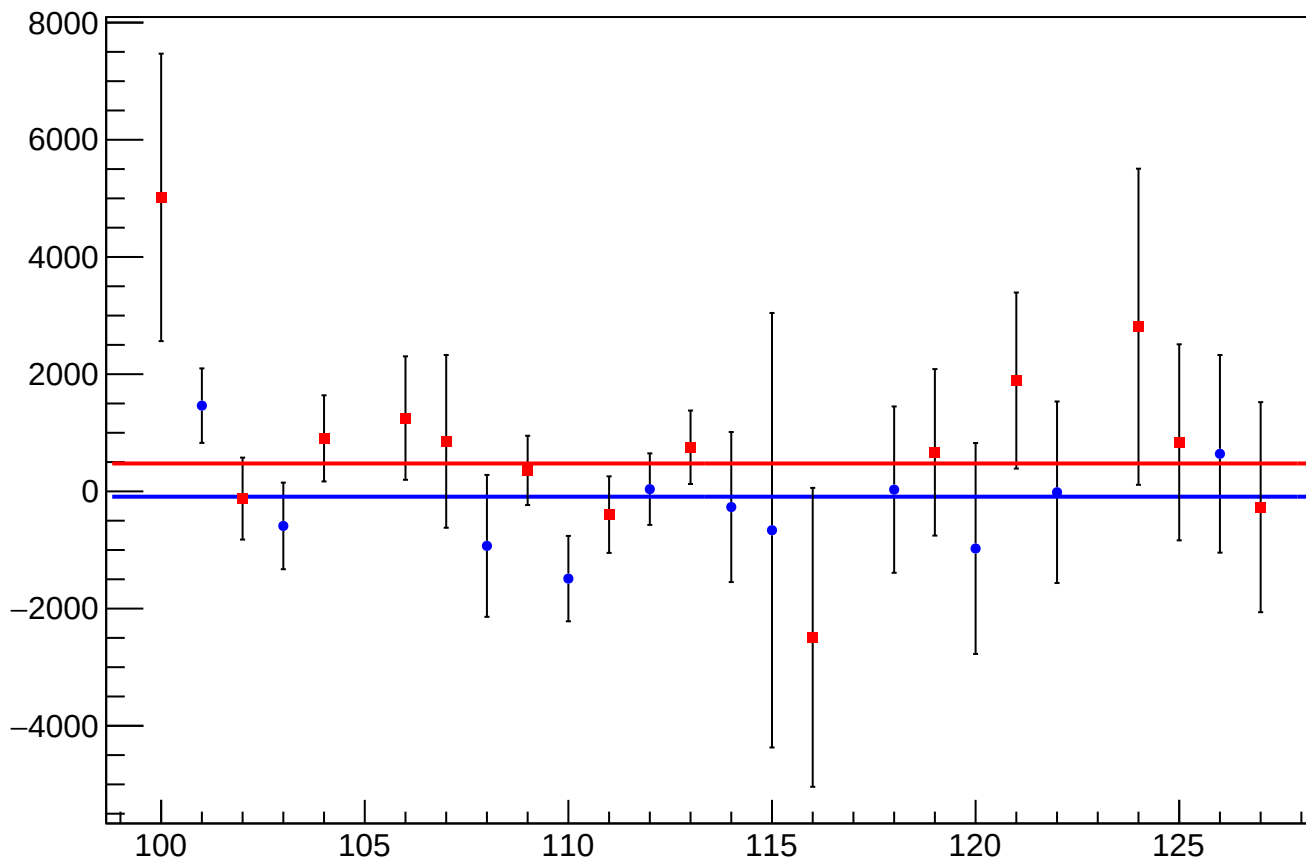
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 569.421+/-0.136 χ^2/NDF : 2409312.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_mean vs Slug



Right In: -90.694 ± 290.973 χ^2/NDF : 11.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 476.163 ± 257.578 χ^2/NDF : 10.4/13

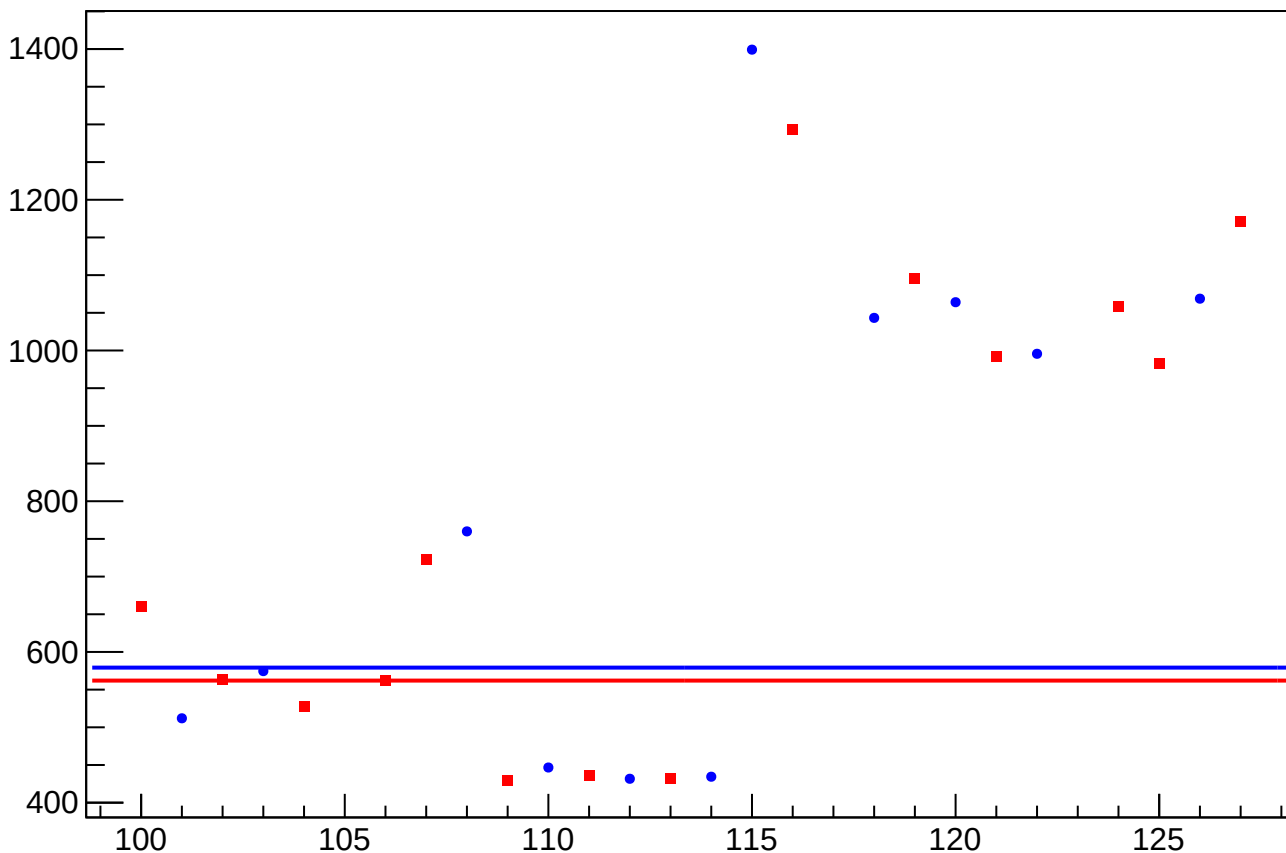
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 227.116 ± 192.866 χ^2/NDF : 23.6/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_rms vs Slug



Right In: 579.213+/-0.206 χ^2/NDF : 1045508.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 561.999+/-0.182 χ^2/NDF : 1326673.8/13

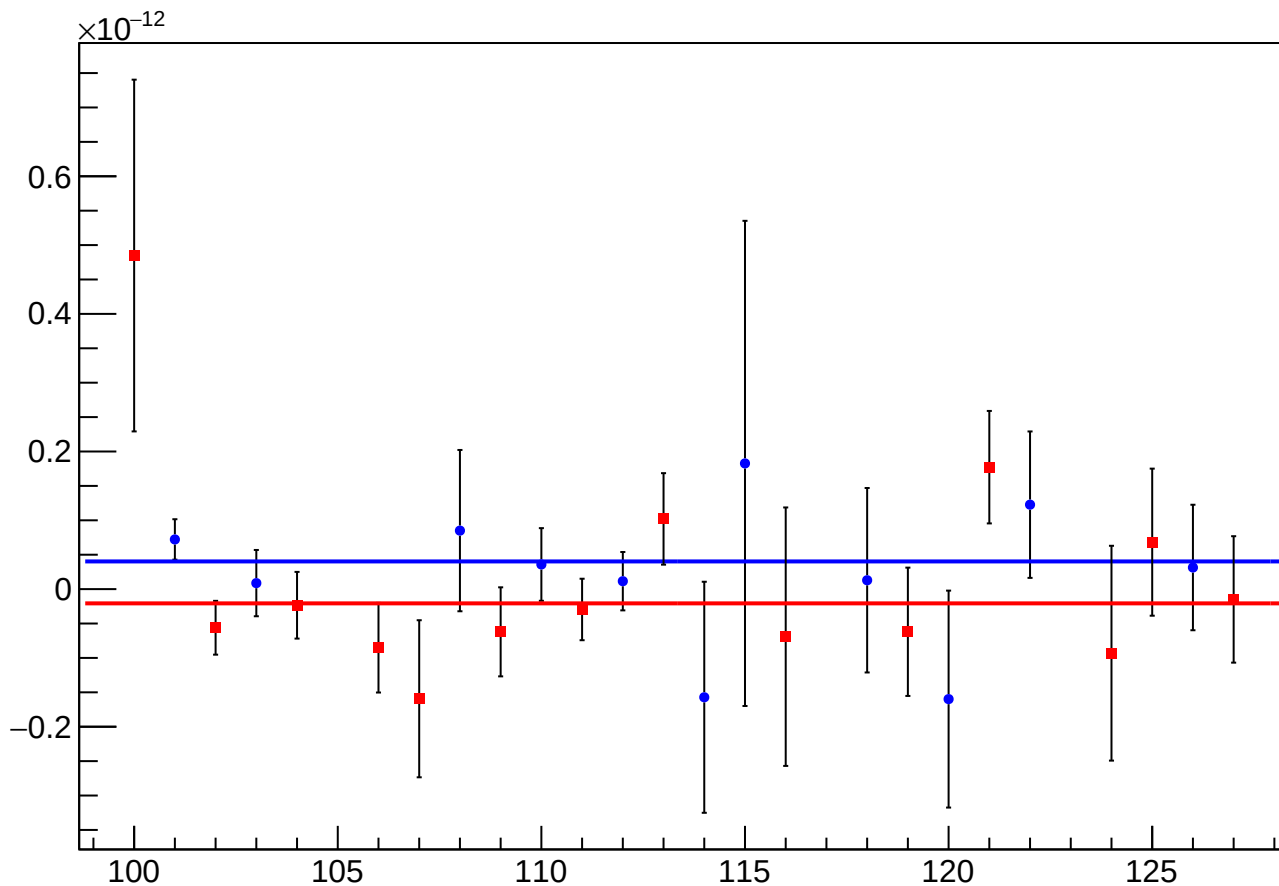
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 569.562+/-0.136 χ^2/NDF : 2376106.6/24

- 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: 6.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 18.1/13

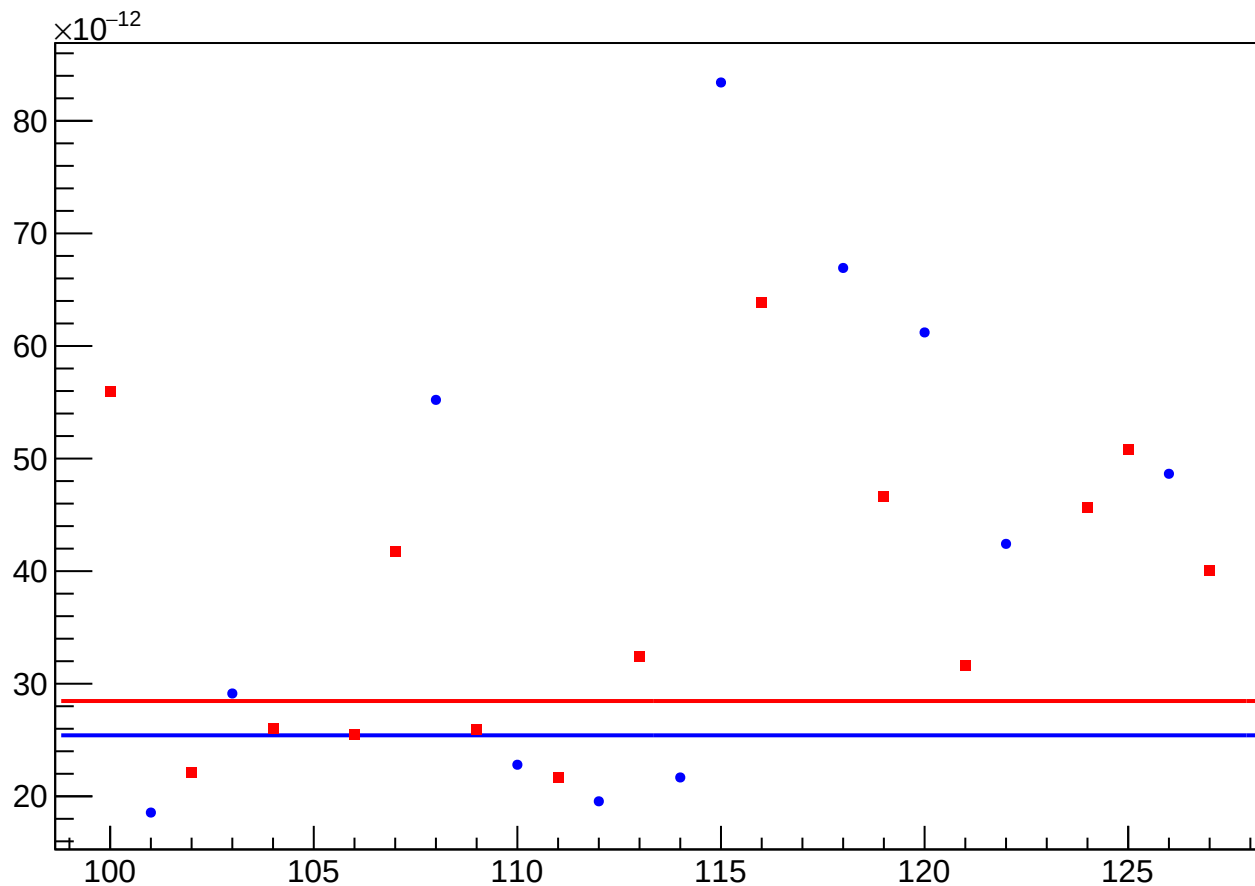
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 29.5/24

- 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 : 824297.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 462271.0/13

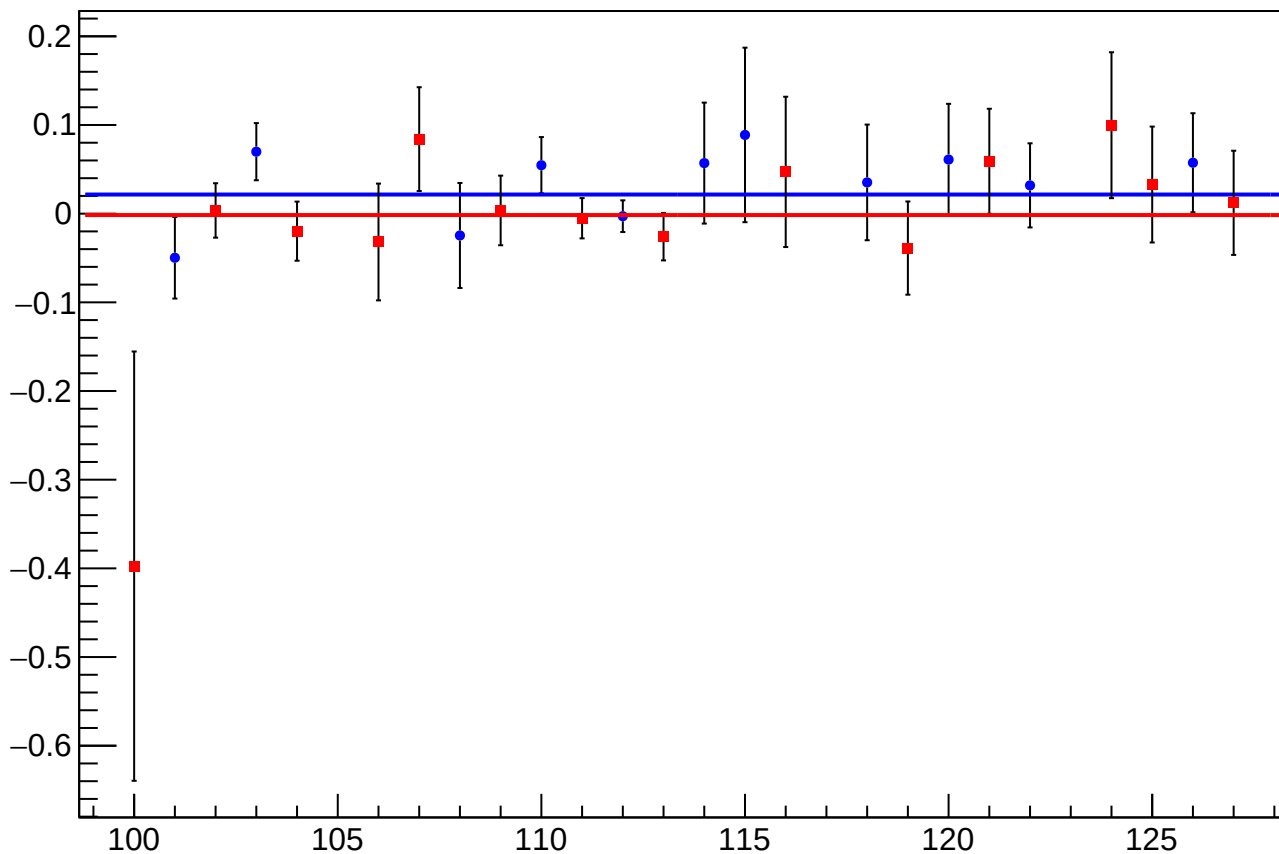
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1313680.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.022 $\pm$ 0.012 χ^2 /NDF: 9.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.002 $\pm$ 0.011 χ^2 /NDF: 10.0/13

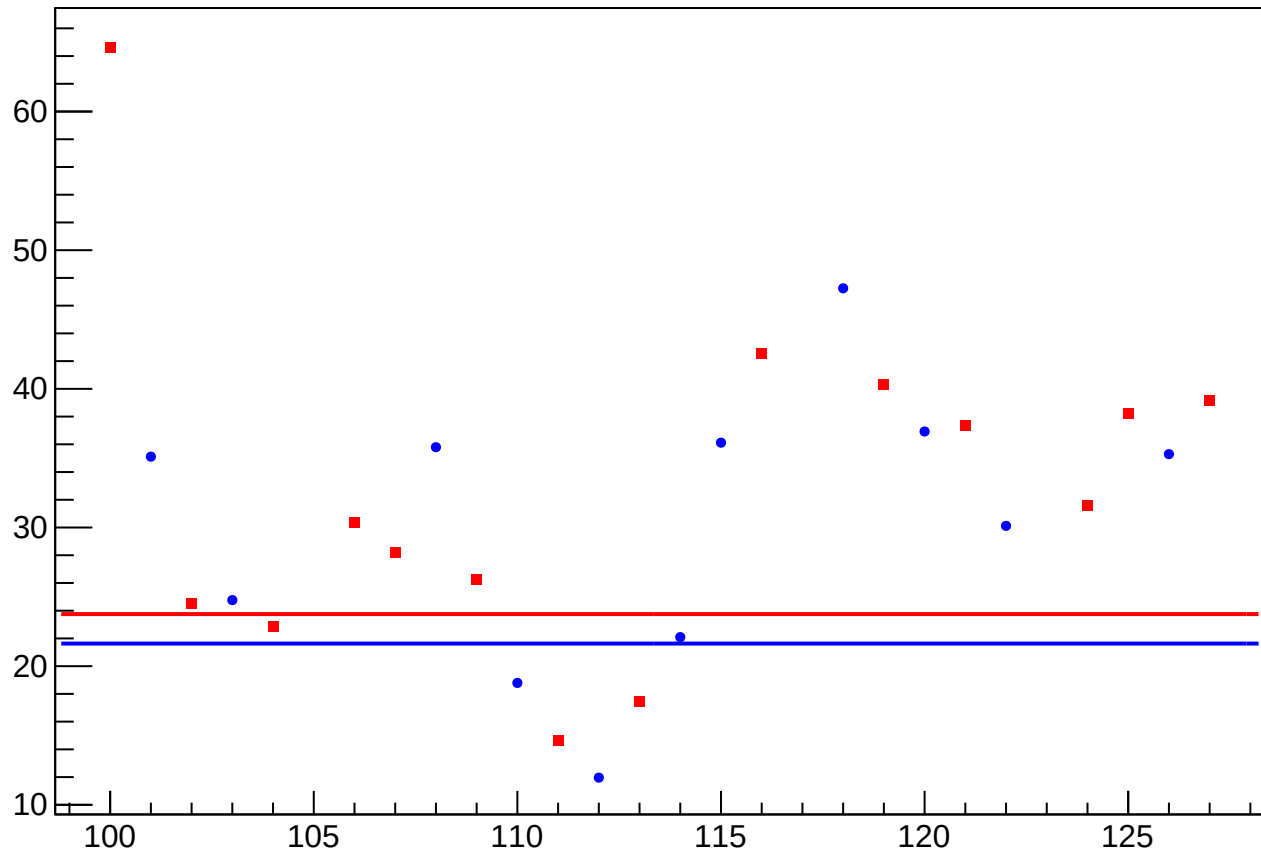
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.008 χ^2 /NDF: 21.9/24

- 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: 21.630+/-0.008 χ^2/NDF : 1560534.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.756+/-0.008 χ^2/NDF : 1190959.6/13

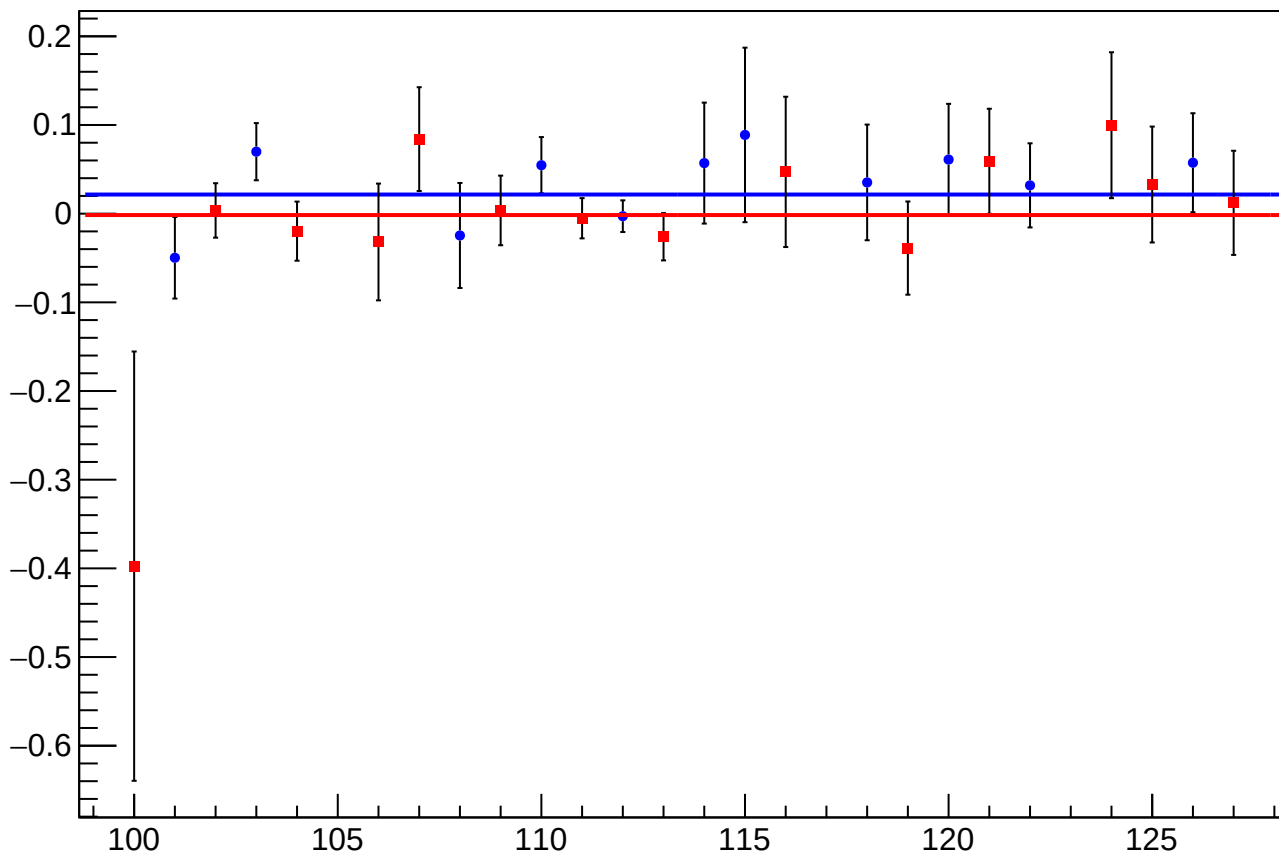
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.731+/-0.006 χ^2/NDF : 2786179.4/24

- 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: 0.022 $\pm$ 0.012 χ^2 /NDF: 9.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.002 $\pm$ 0.011 χ^2 /NDF: 10.0/13

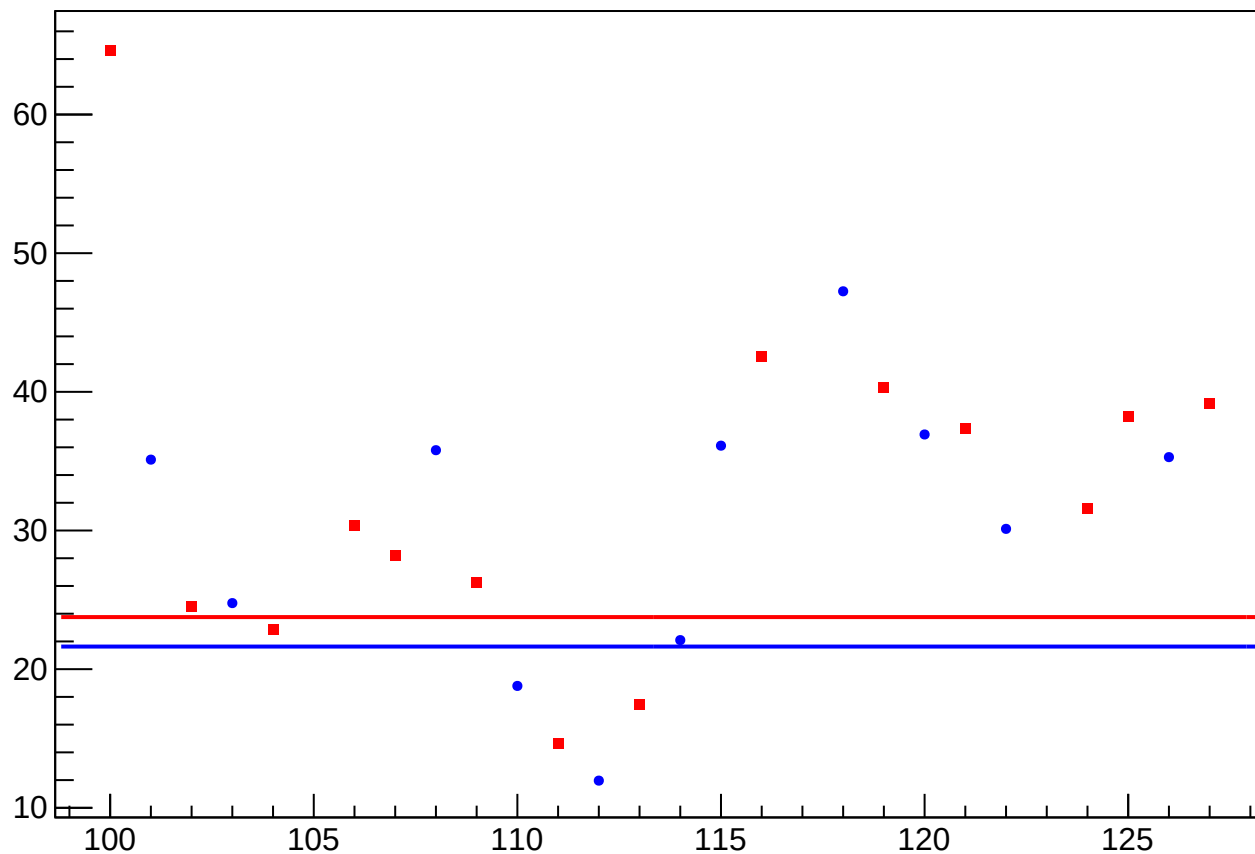
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.008 χ^2 /NDF: 21.9/24

- 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: 21.630 $\pm$ 0.008 χ^2 /NDF: 1560534.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 23.756 $\pm$ 0.008 χ^2 /NDF: 1190959.6/13

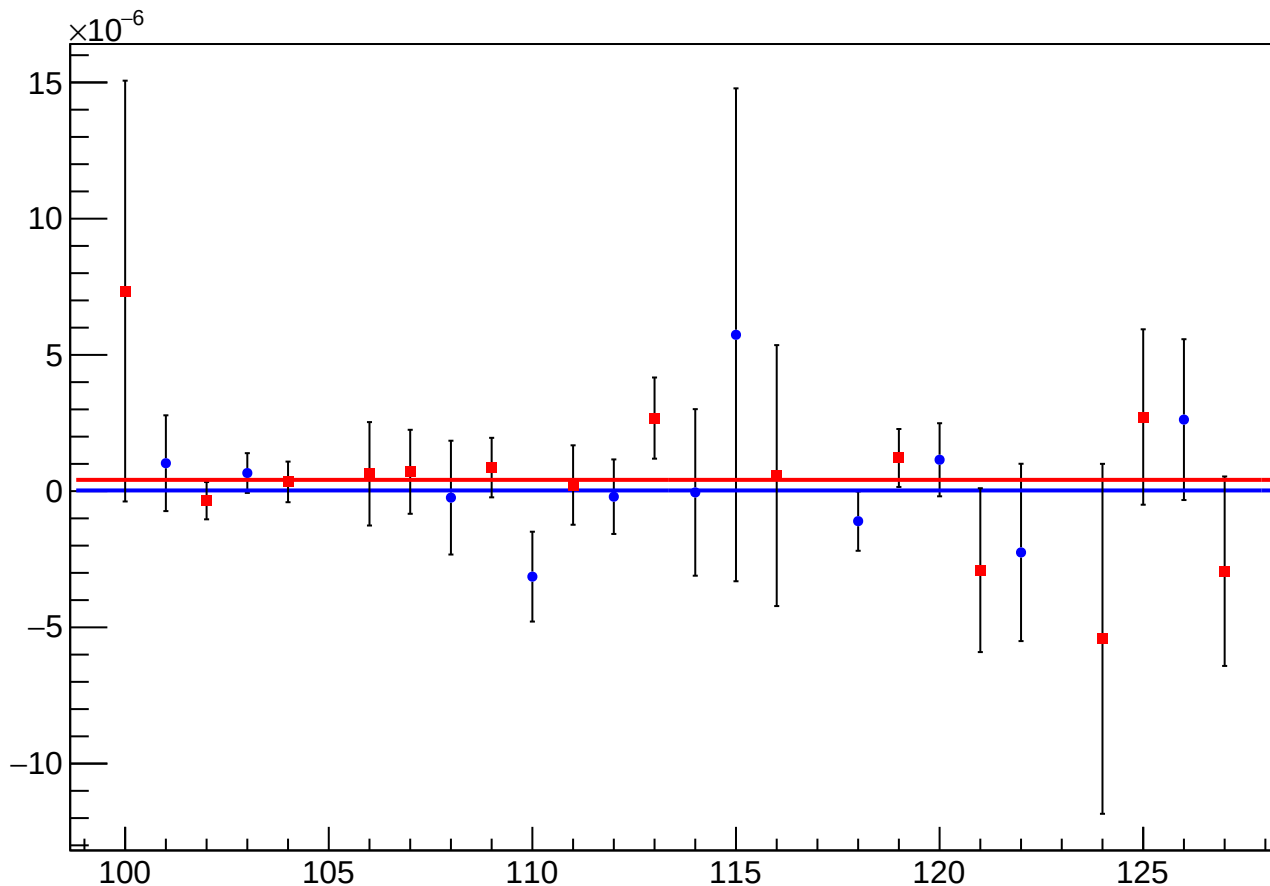
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.731 $\pm$ 0.006 χ^2 /NDF: 2786179.4/24

- sign 0.000 $\pm$ 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: 8.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.7/13

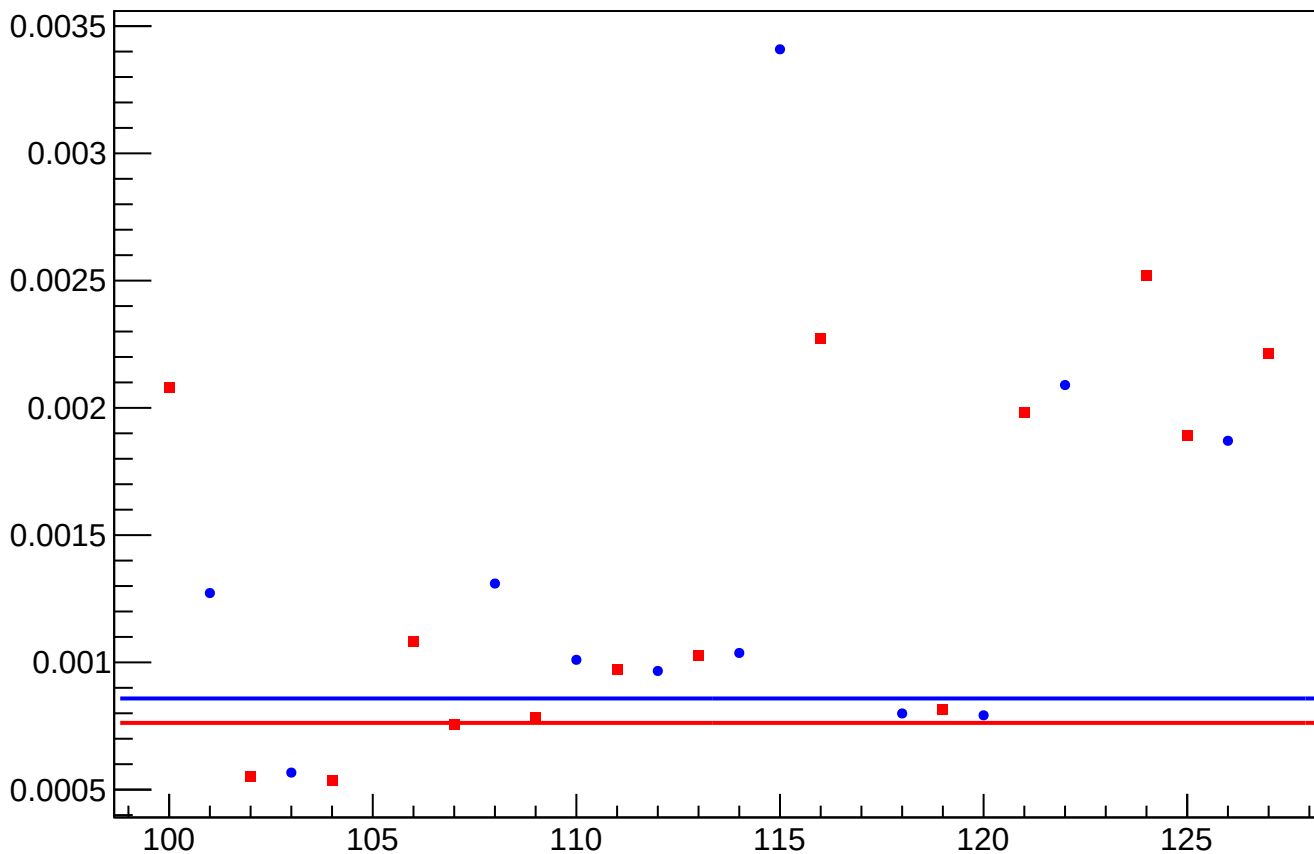
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.4/24

- 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 : 1251550.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1875409.5/13

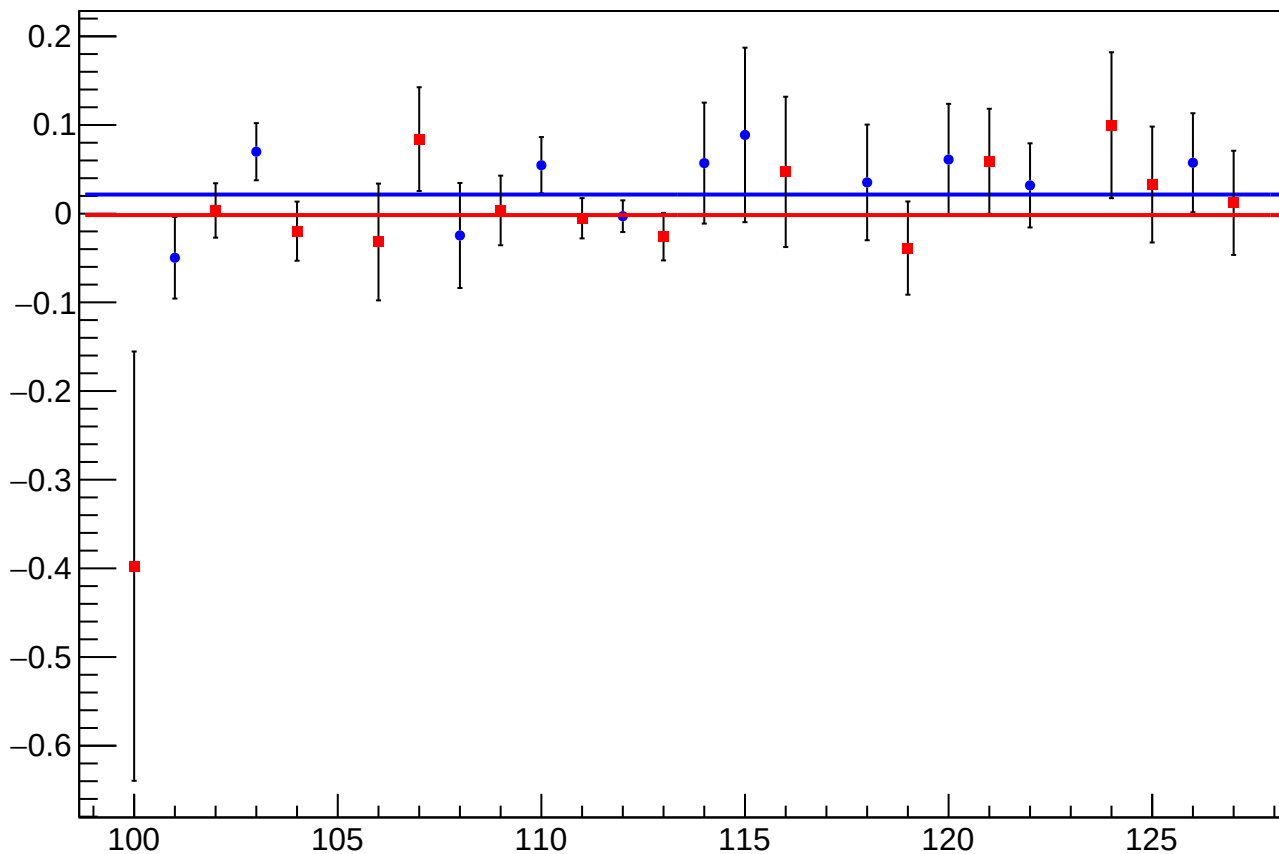
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3183057.7/24

- 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: 0.022 $\pm$ 0.012 χ^2 /NDF: 9.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.002 $\pm$ 0.011 χ^2 /NDF: 10.0/13

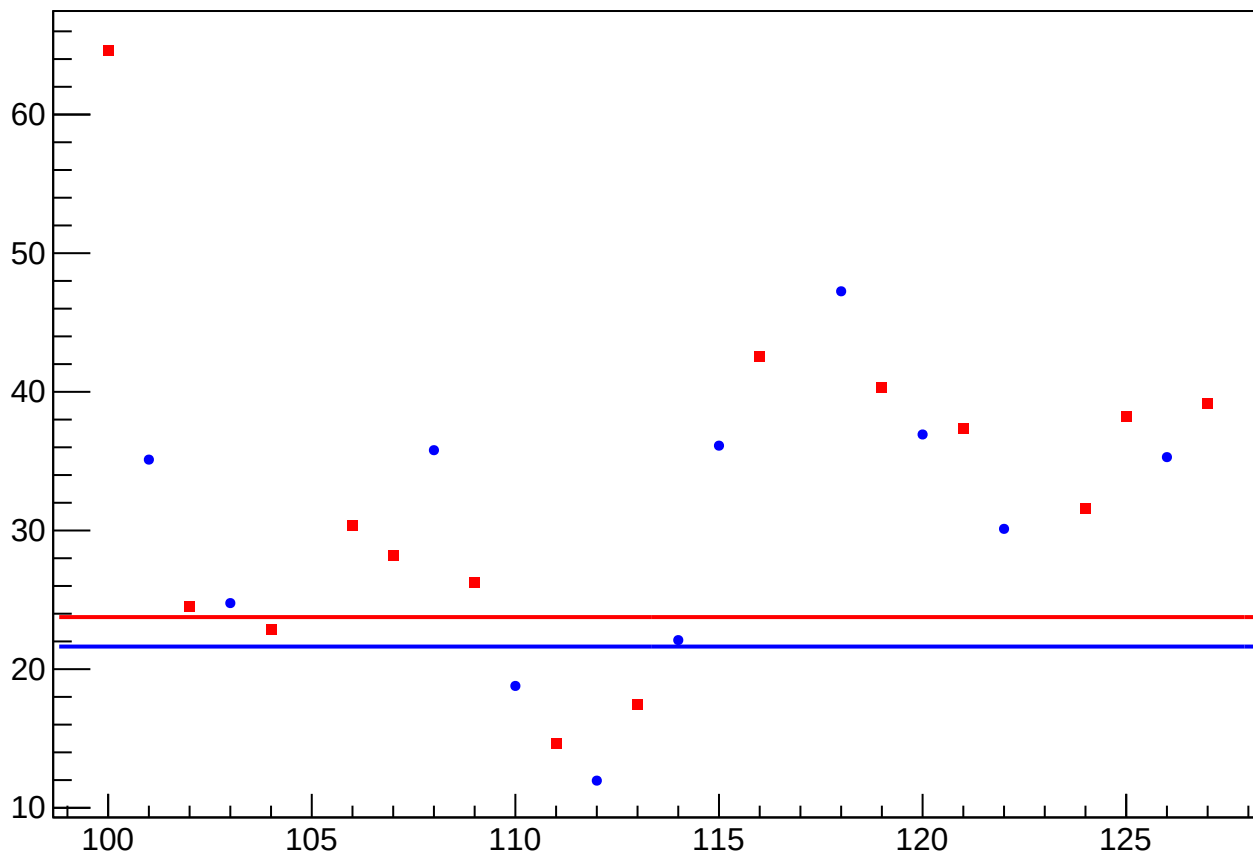
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.008 χ^2 /NDF: 21.9/24

- 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: 21.630+/-0.008 χ^2/NDF : 1560659.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.756+/-0.008 χ^2/NDF : 1191057.2/13

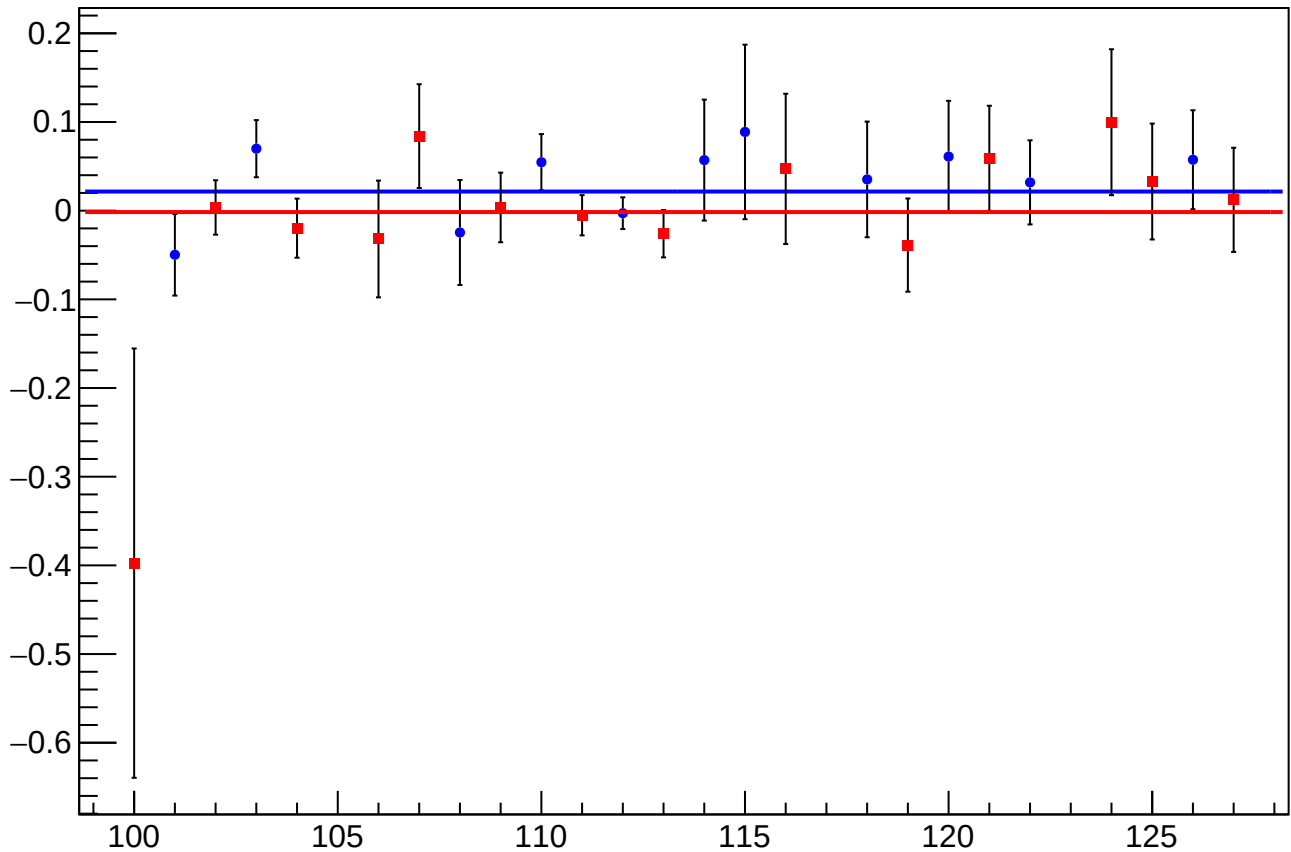
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.730+/-0.006 χ^2/NDF : 2786406.7/24

- 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: 0.022 $\pm$ 0.012 χ^2 /NDF: 9.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.002 $\pm$ 0.011 χ^2 /NDF: 10.0/13

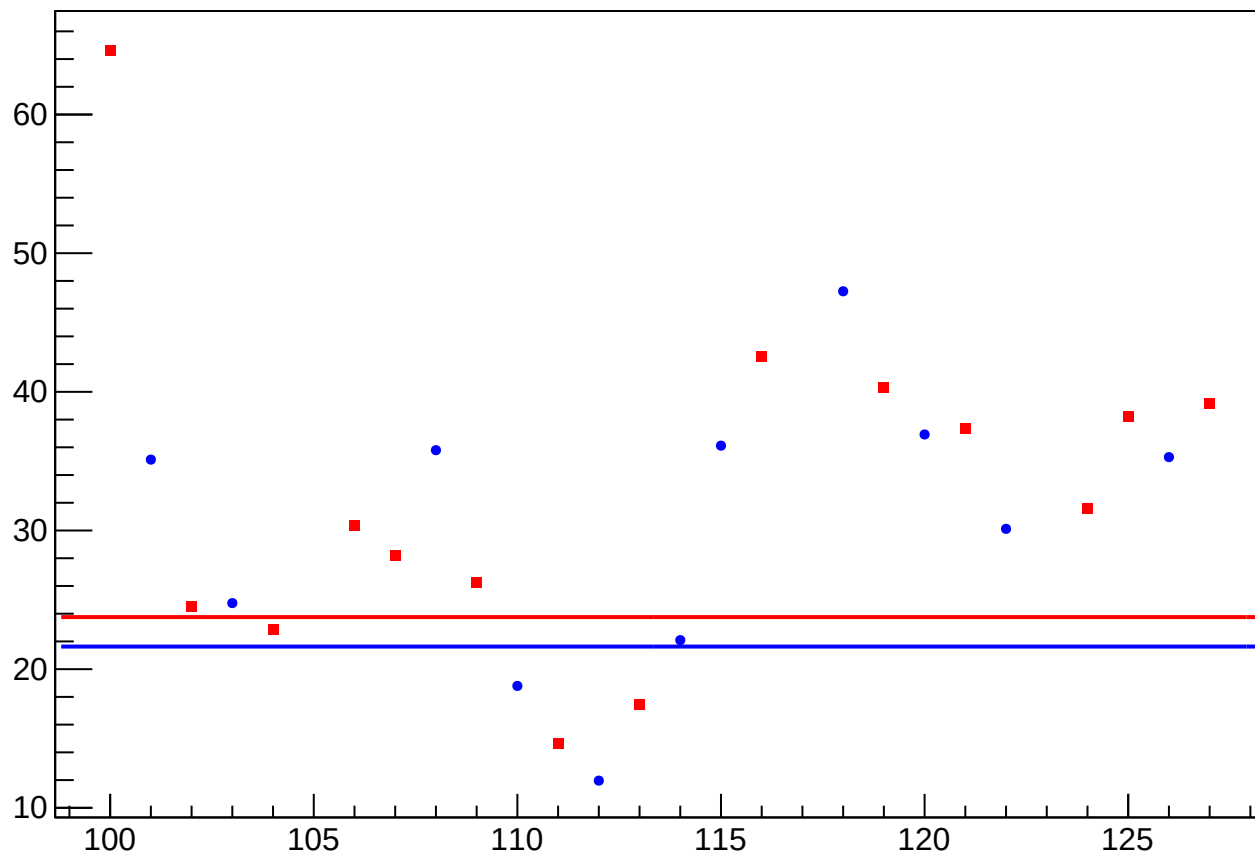
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.008 χ^2 /NDF: 21.9/24

- 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: 21.630 $\pm$ 0.008 χ^2 /NDF: 1560659.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 23.756 $\pm$ 0.008 χ^2 /NDF: 1191057.2/13

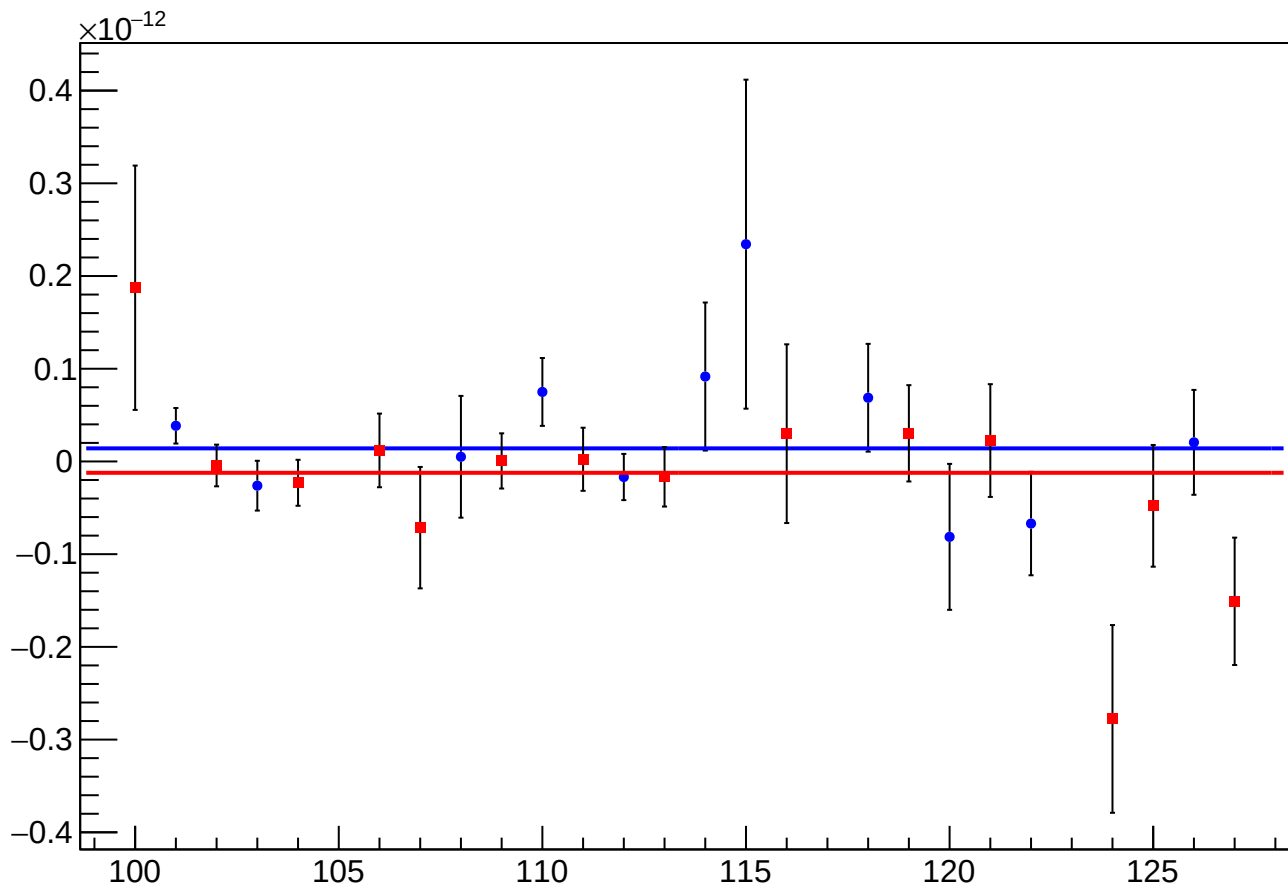
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.730 $\pm$ 0.006 χ^2 /NDF: 2786406.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 16.6/13

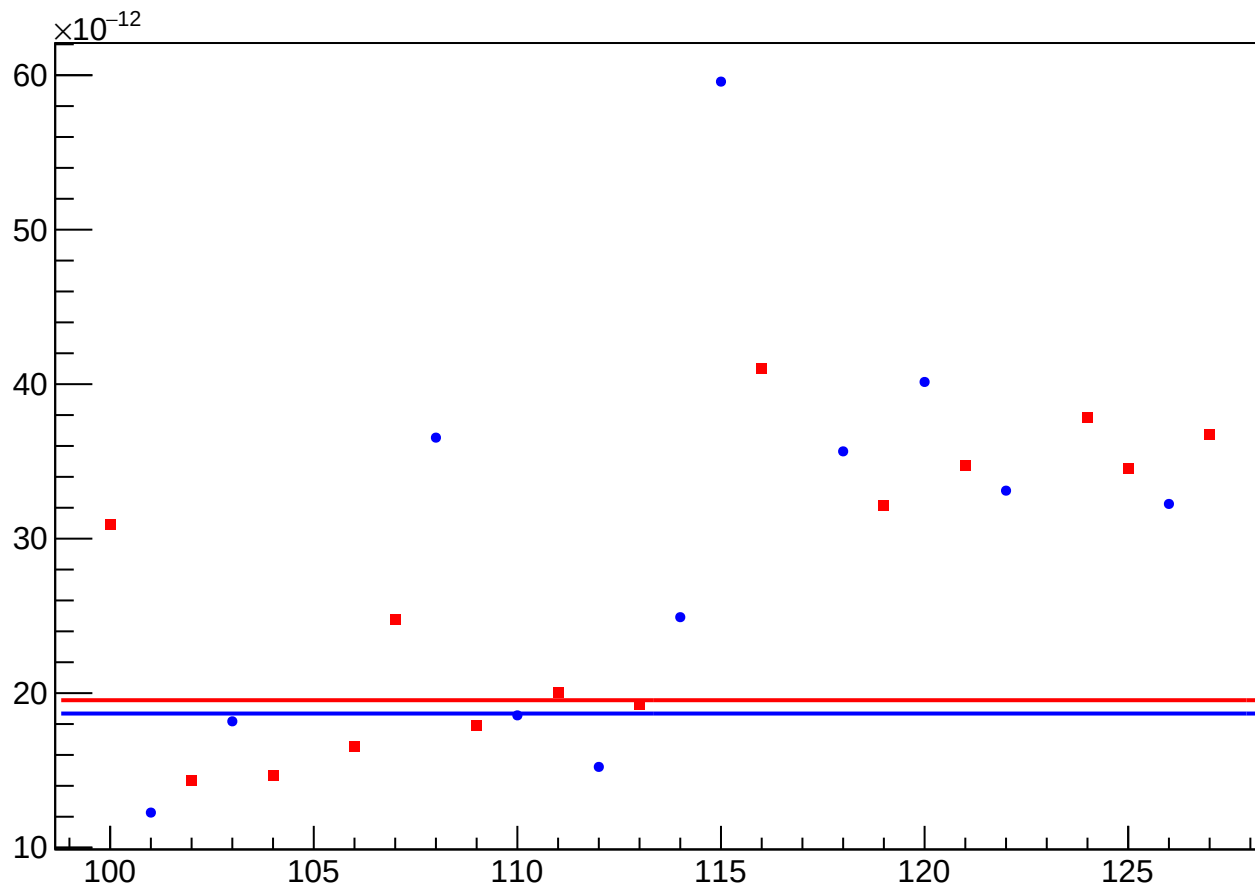
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 34.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1097173.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 869169.7/13

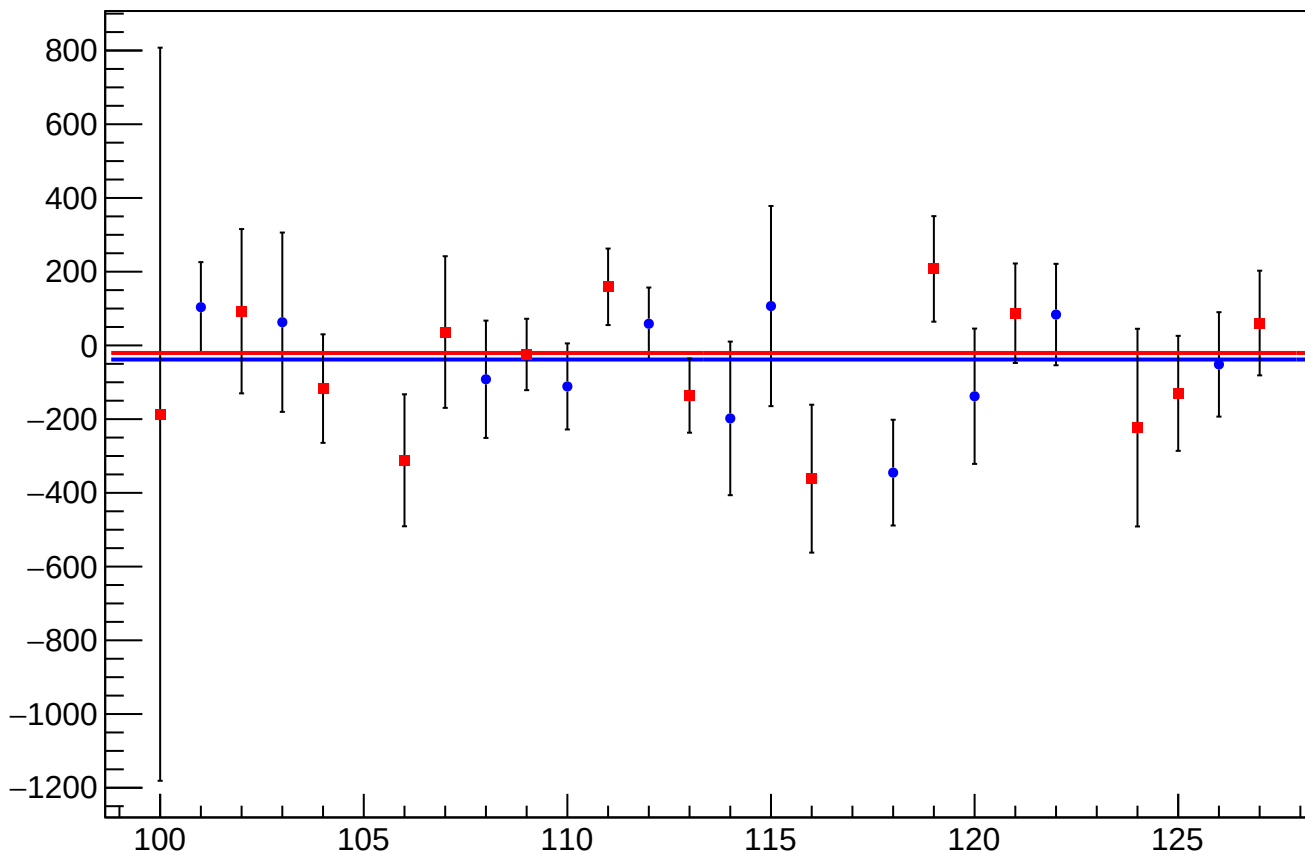
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1972569.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_mean vs Slug



Right In: -38.281+/-43.942 χ^2 /NDF: 9.5/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -20.496+/-39.115 χ^2 /NDF: 15.2/13

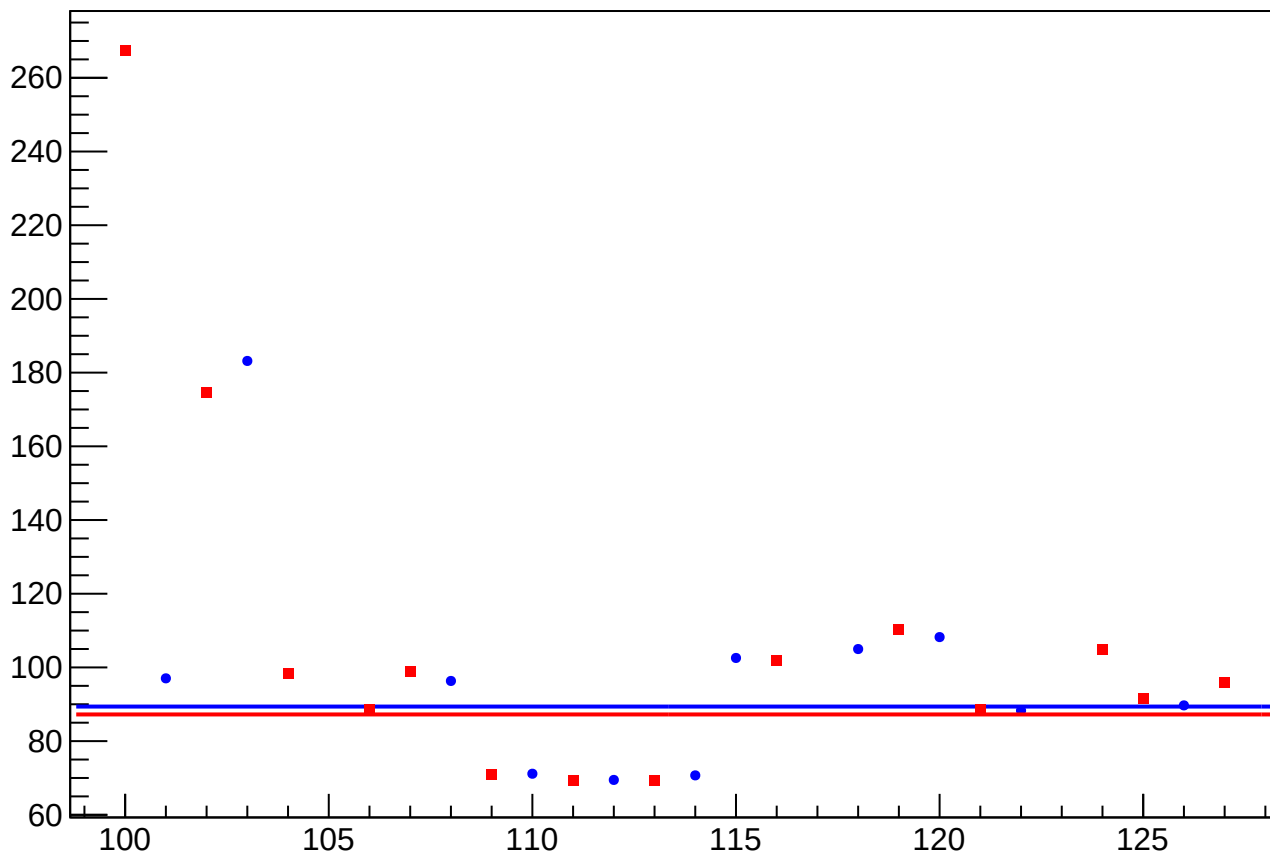
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -28.358+/-29.217 χ^2 /NDF: 24.8/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3748_avg_rms vs Slug



Right In: 89.379+/-0.031 χ^2 /NDF: 505622.7/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 87.239+/-0.028 χ^2 /NDF: 651623.9/13

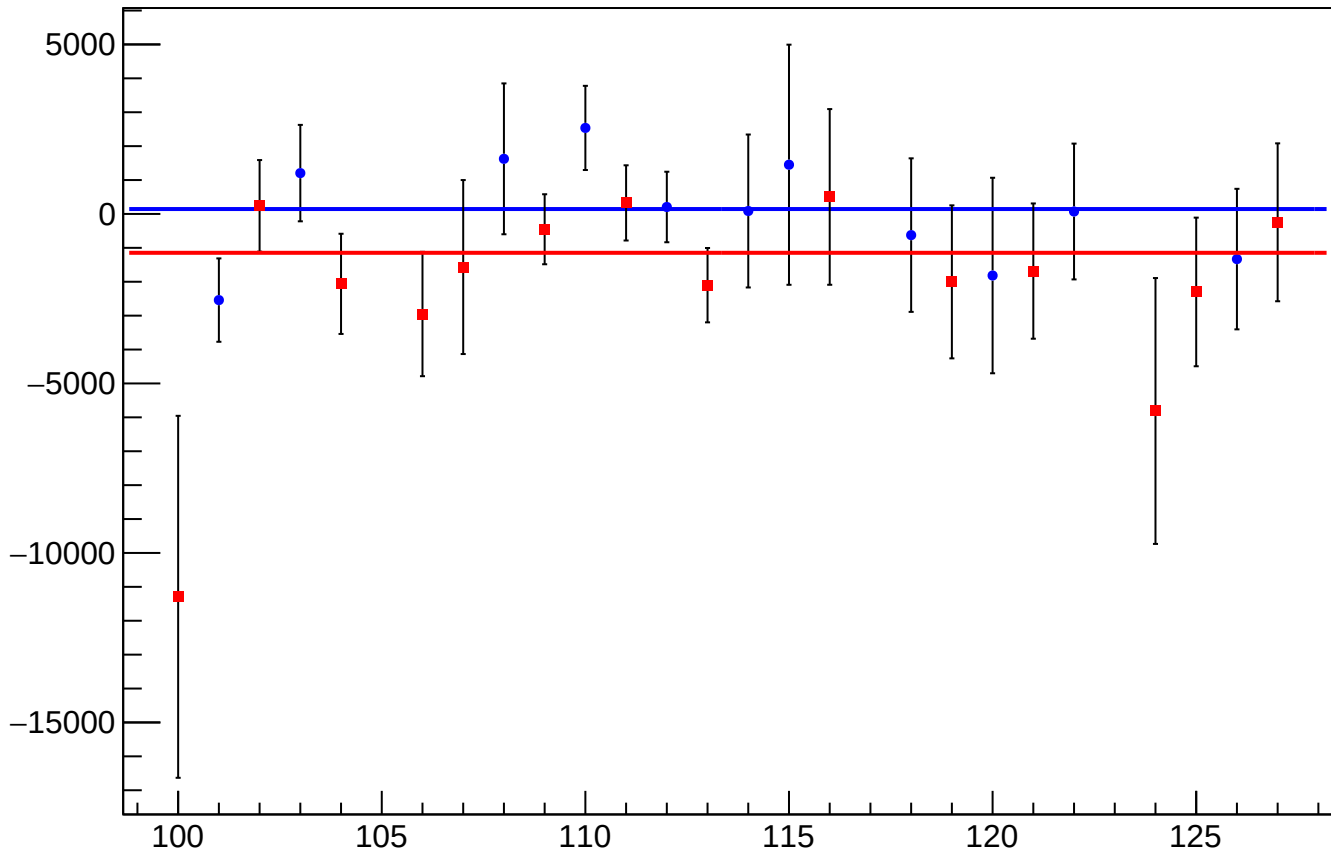
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 88.185+/-0.021 χ^2 /NDF: 1159891.7/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_reg_correction_mean vs Slug



Right In: 144.709+/-499.740 χ^2/NDF : 10.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1146.310+/-441.701 χ^2/NDF : 11.5/13

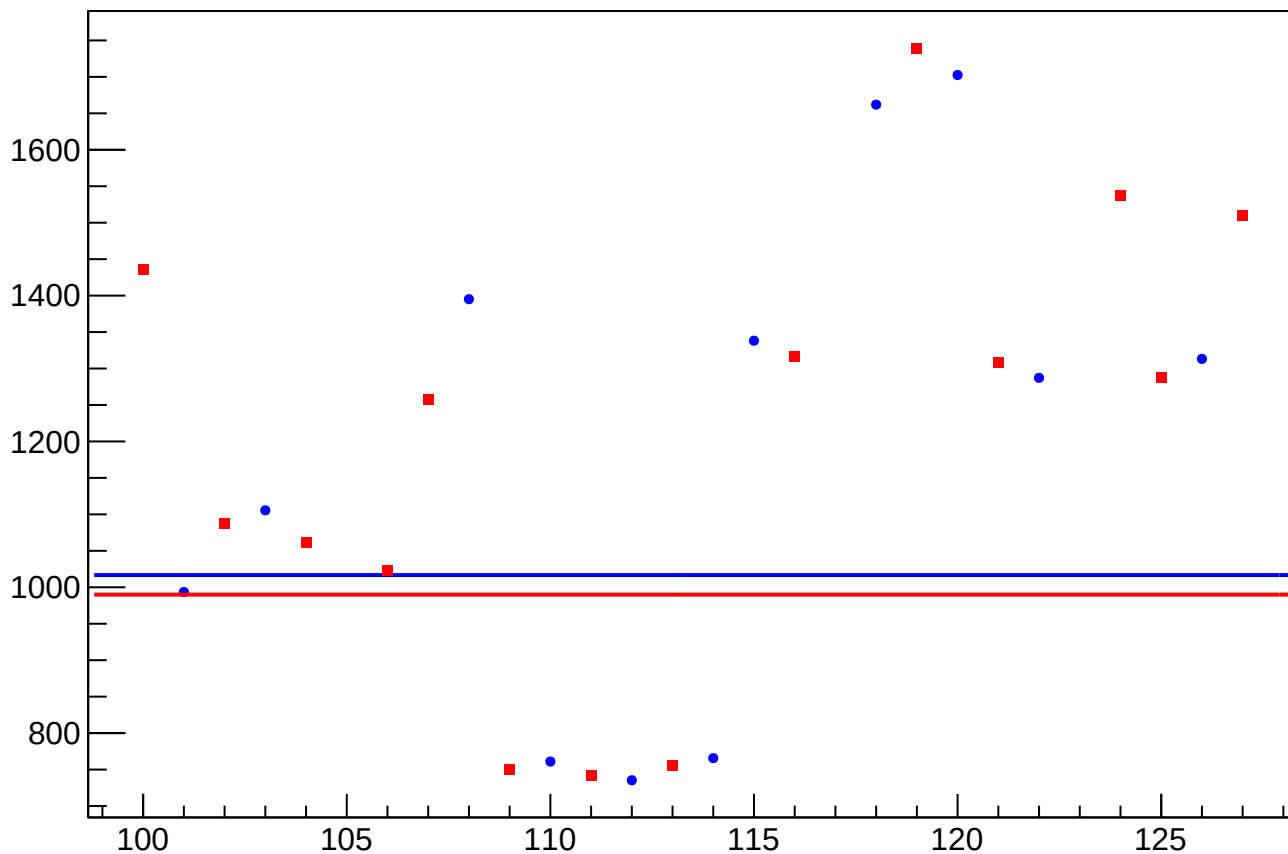
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -580.089+/-330.956 χ^2/NDF : 25.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_reg_correction_rms vs Slug



Right In: 1016.725 $\pm$ 0.353 χ^2 /NDF: 691683.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 989.927 $\pm$ 0.312 χ^2 /NDF: 829200.1/13

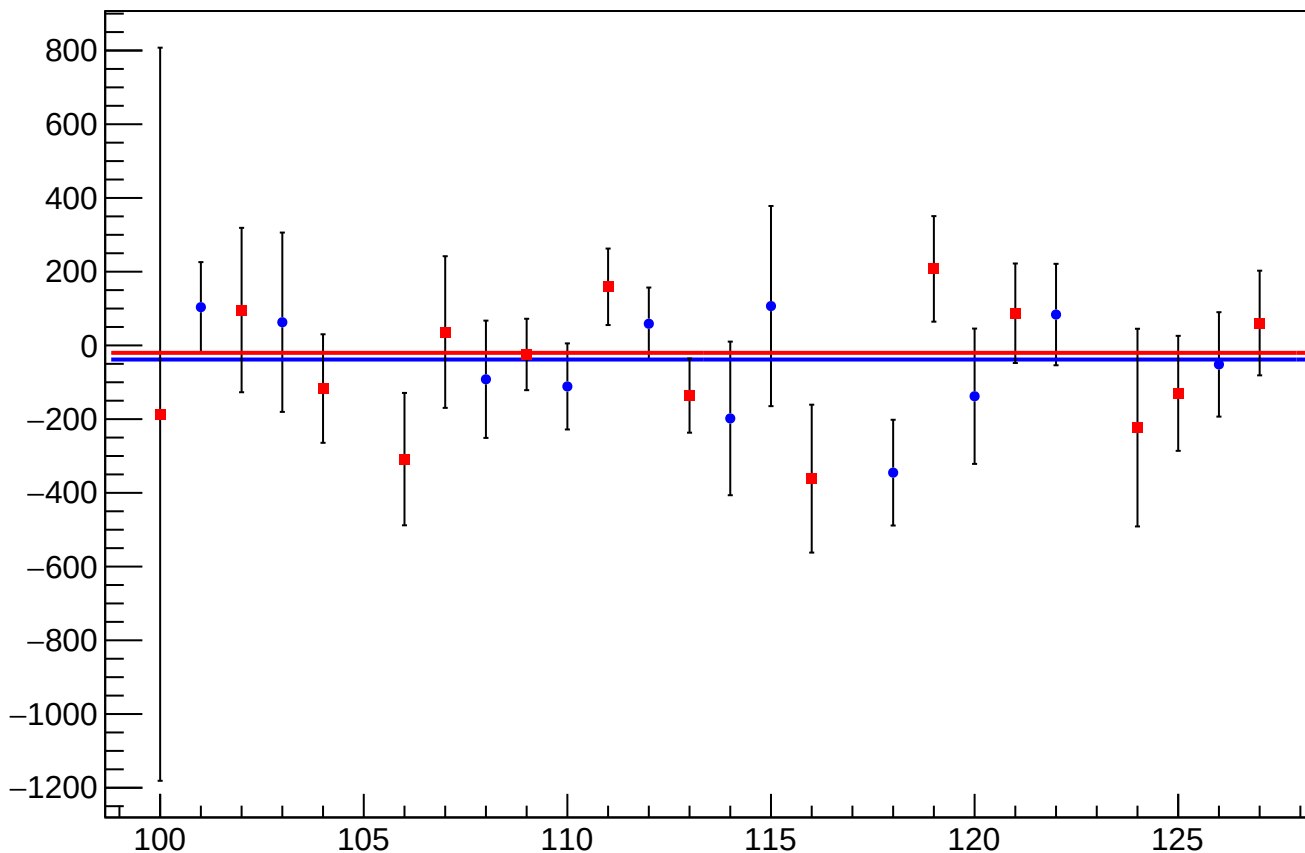
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1001.680 $\pm$ 0.234 χ^2 /NDF: 1524112.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_3748_avg_mean vs Slug



Right In: -38.299+/-43.942 χ^2 /NDF: 9.5/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -20.161+/-39.122 χ^2 /NDF: 15.1/13

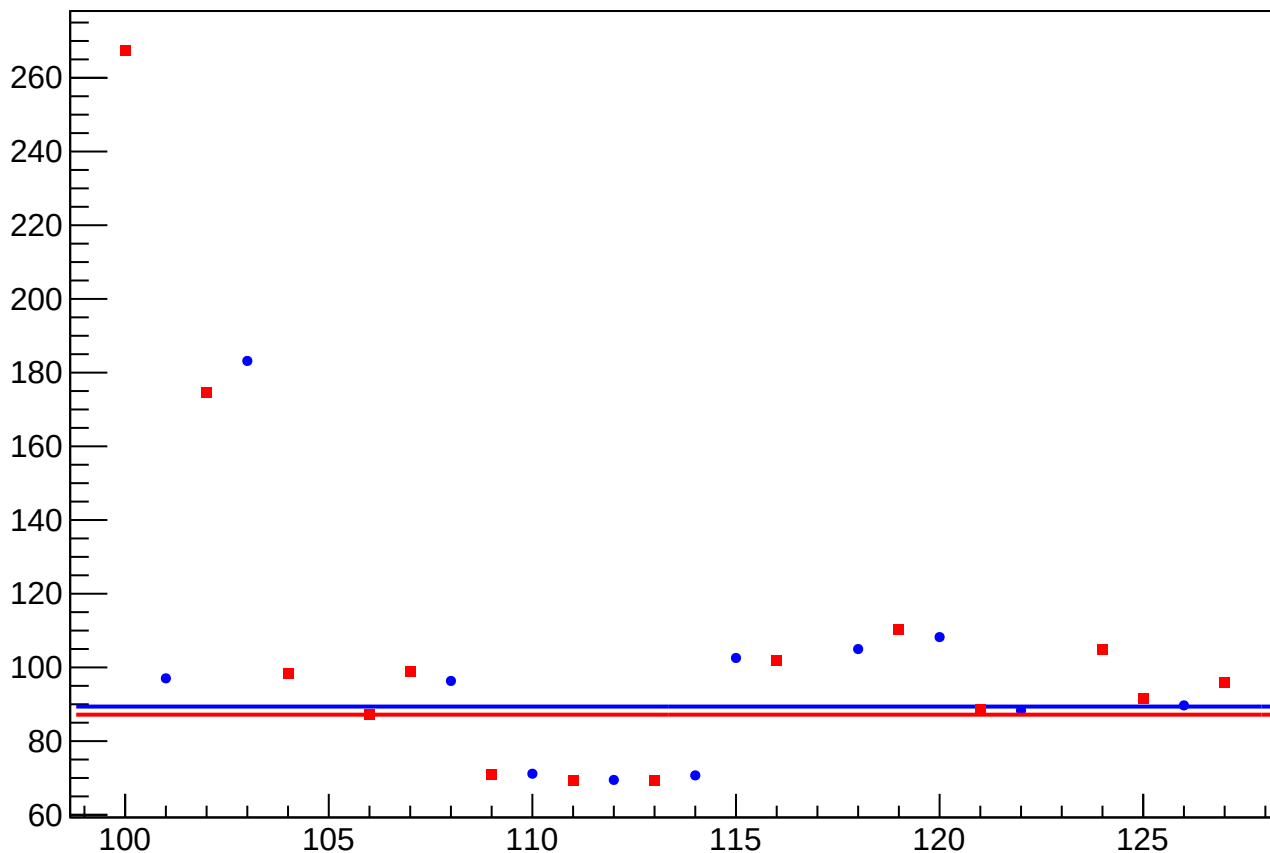
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -28.181+/-29.219 χ^2 /NDF: 24.8/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_3748_avg_rms vs Slug



Right In: 89.379+/-0.031 χ^2/NDF : 505625.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.177+/-0.028 χ^2/NDF : 651740.9/13

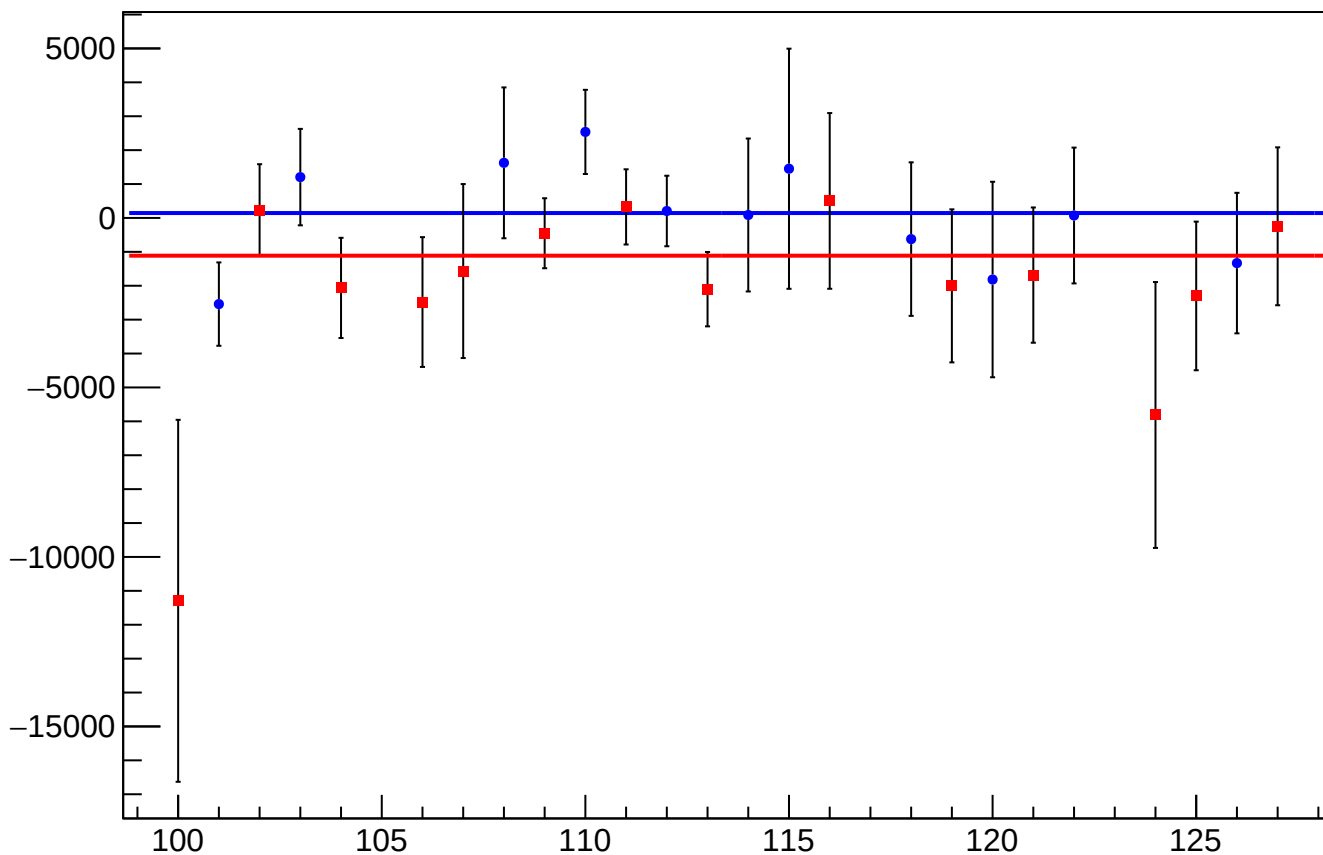
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.150+/-0.021 χ^2/NDF : 1160168.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_cor_correction_mean vs Slug



Right In: 144.684 $\pm$ 499.746 χ^2 /NDF: 10.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1113.417 $\pm$ 442.784 χ^2 /NDF: 11.0/13

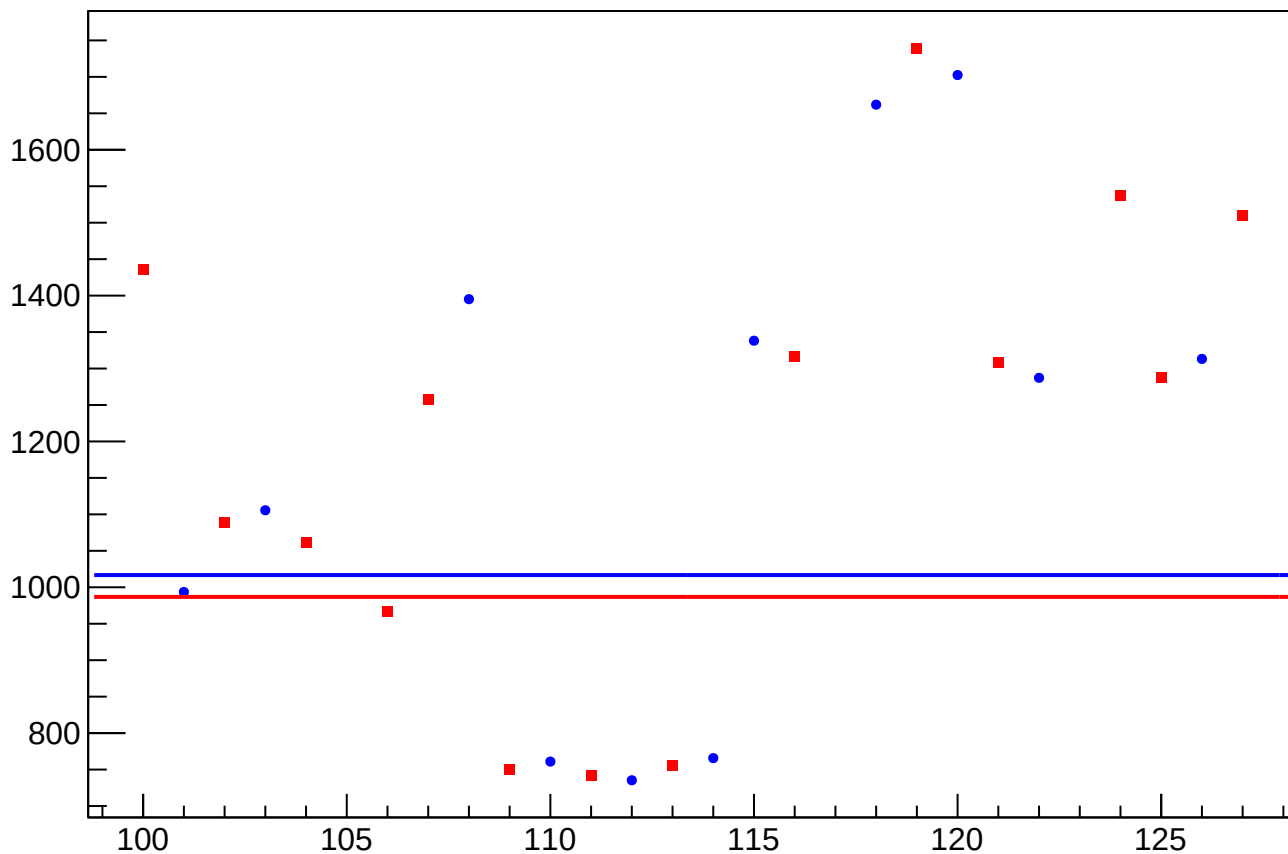
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -560.124 $\pm$ 331.413 χ^2 /NDF: 25.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_cor_correction_rms vs Slug



Right In: 1016.736 $\pm$ 0.353 χ^2 /NDF: 691701.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 986.789 $\pm$ 0.313 χ^2 /NDF: 828852.0/13

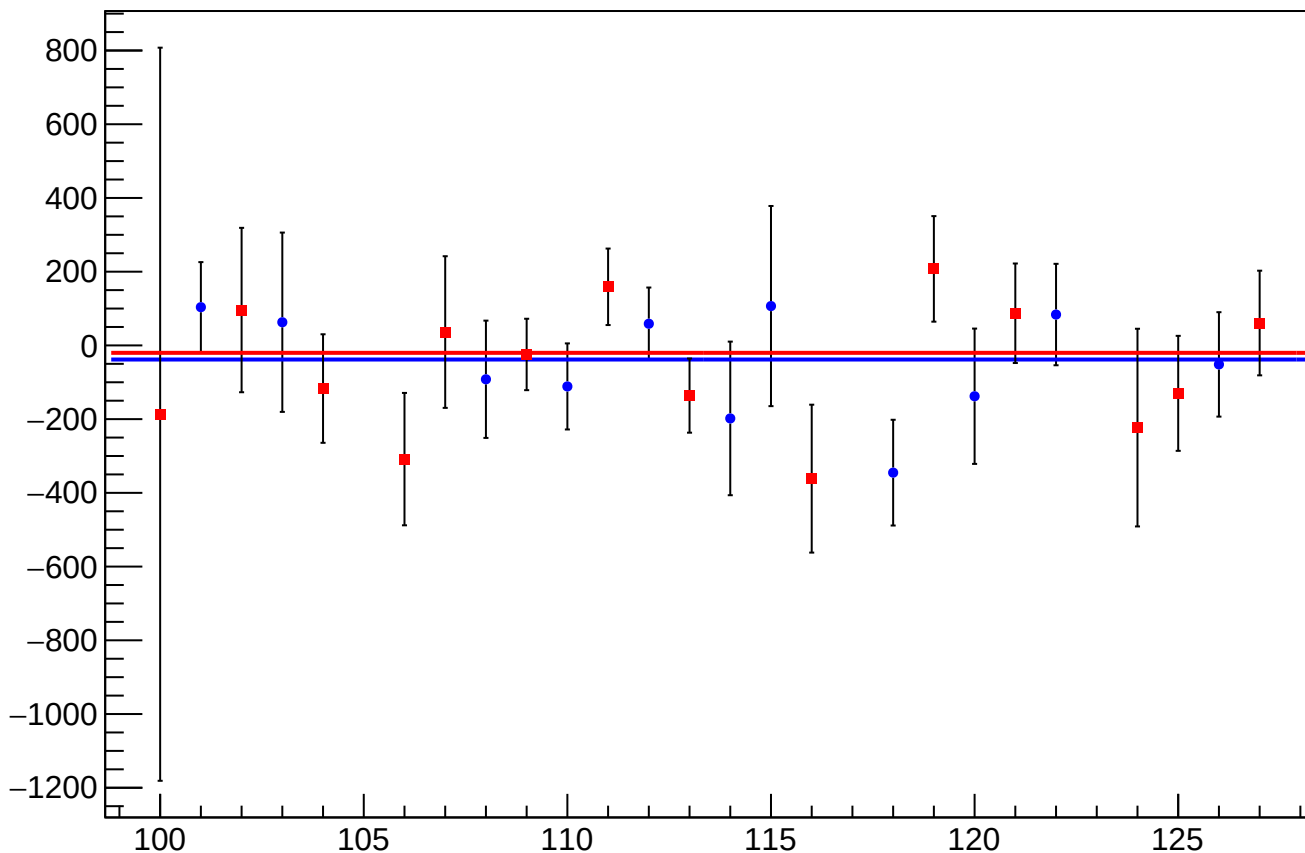
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 999.959 $\pm$ 0.234 χ^2 /NDF: 1524577.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_3748_avg_mean vs Slug



Right In: -38.299+/-43.942 χ^2 /NDF: 9.5/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -20.161+/-39.122 χ^2 /NDF: 15.1/13

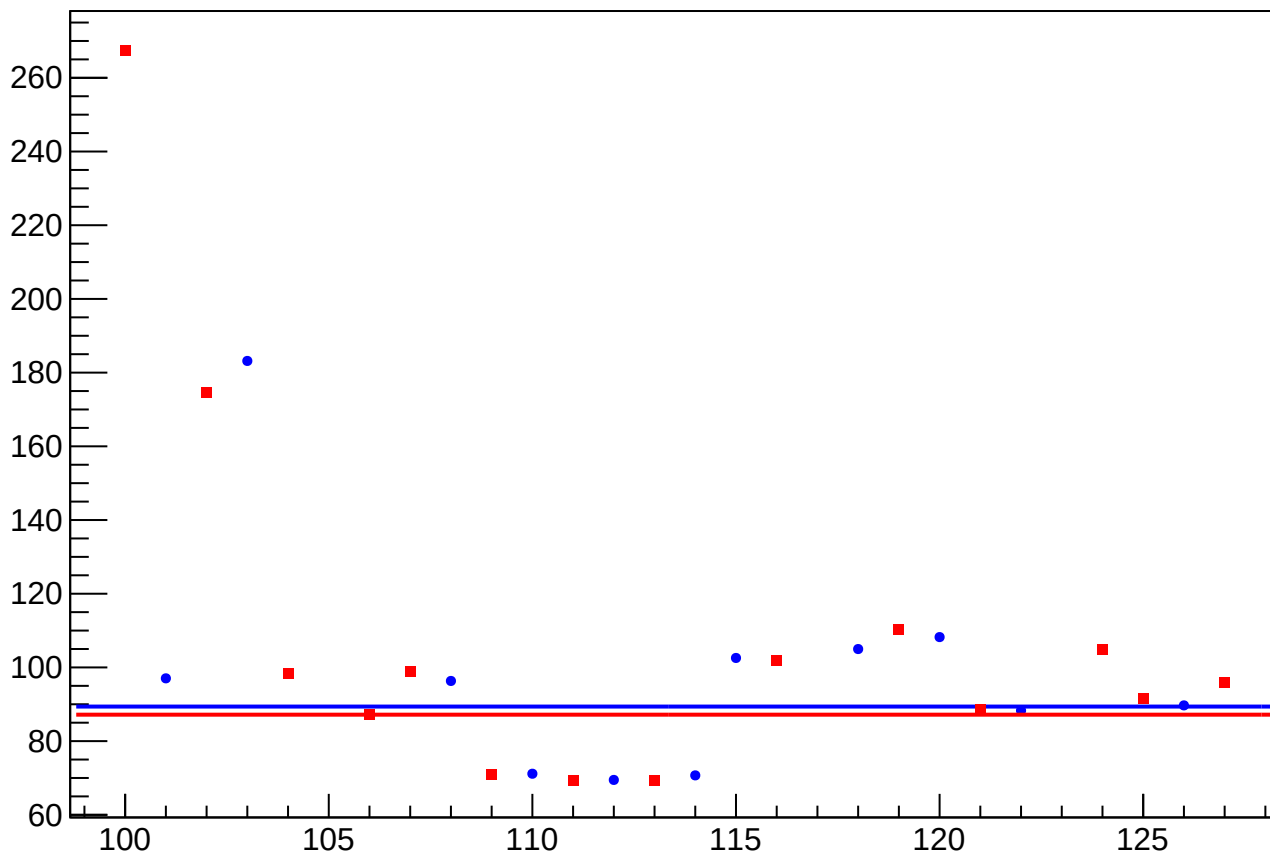
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -28.181+/-29.219 χ^2 /NDF: 24.8/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_3748_avg_rms vs Slug



Right In: 89.379+/-0.031 χ^2/NDF : 505625.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.177+/-0.028 χ^2/NDF : 651740.9/13

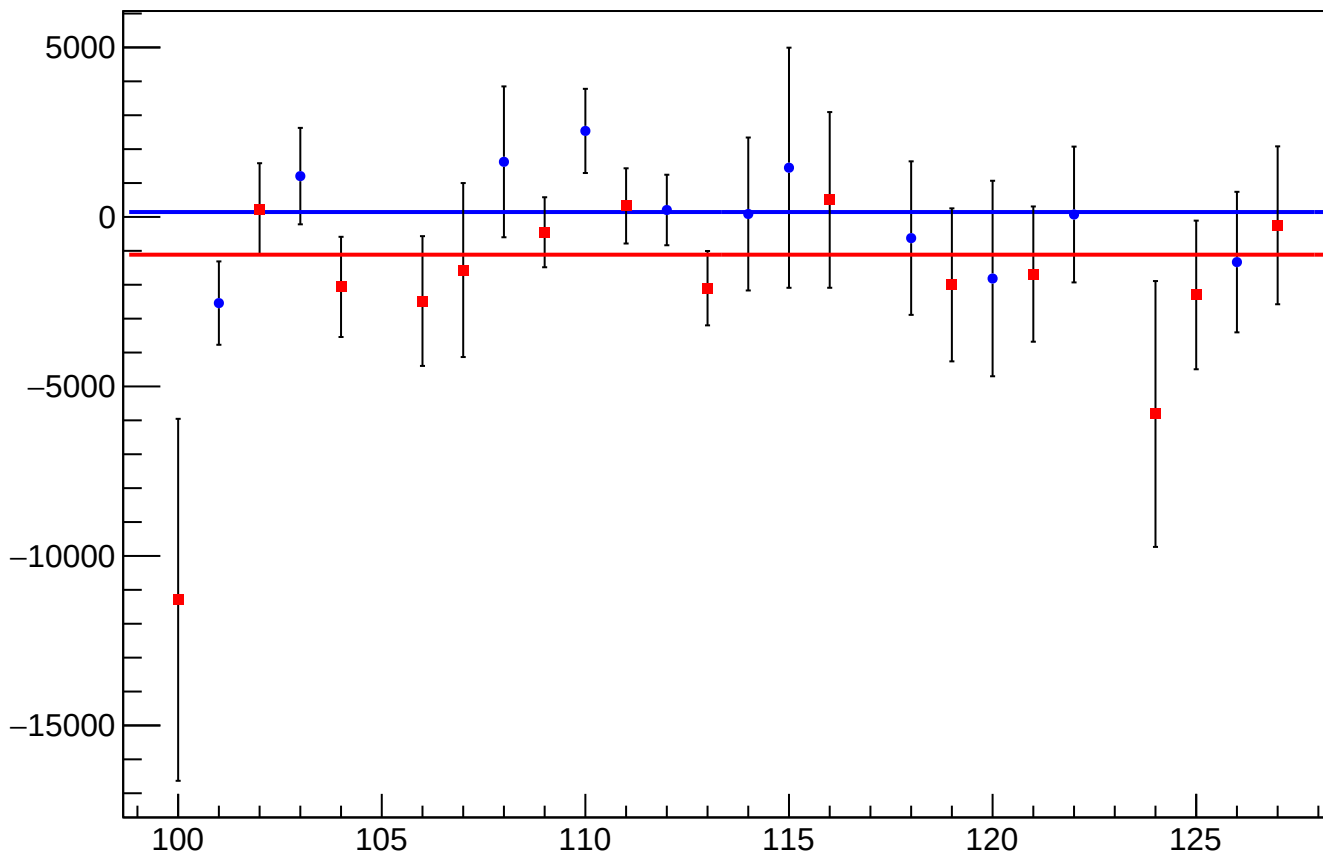
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.150+/-0.021 χ^2/NDF : 1160168.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_eigen_cor_correction_mean vs Slug



Right In: 144.684 $\pm$ 499.746 χ^2 /NDF: 10.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1113.417 $\pm$ 442.784 χ^2 /NDF: 11.0/13

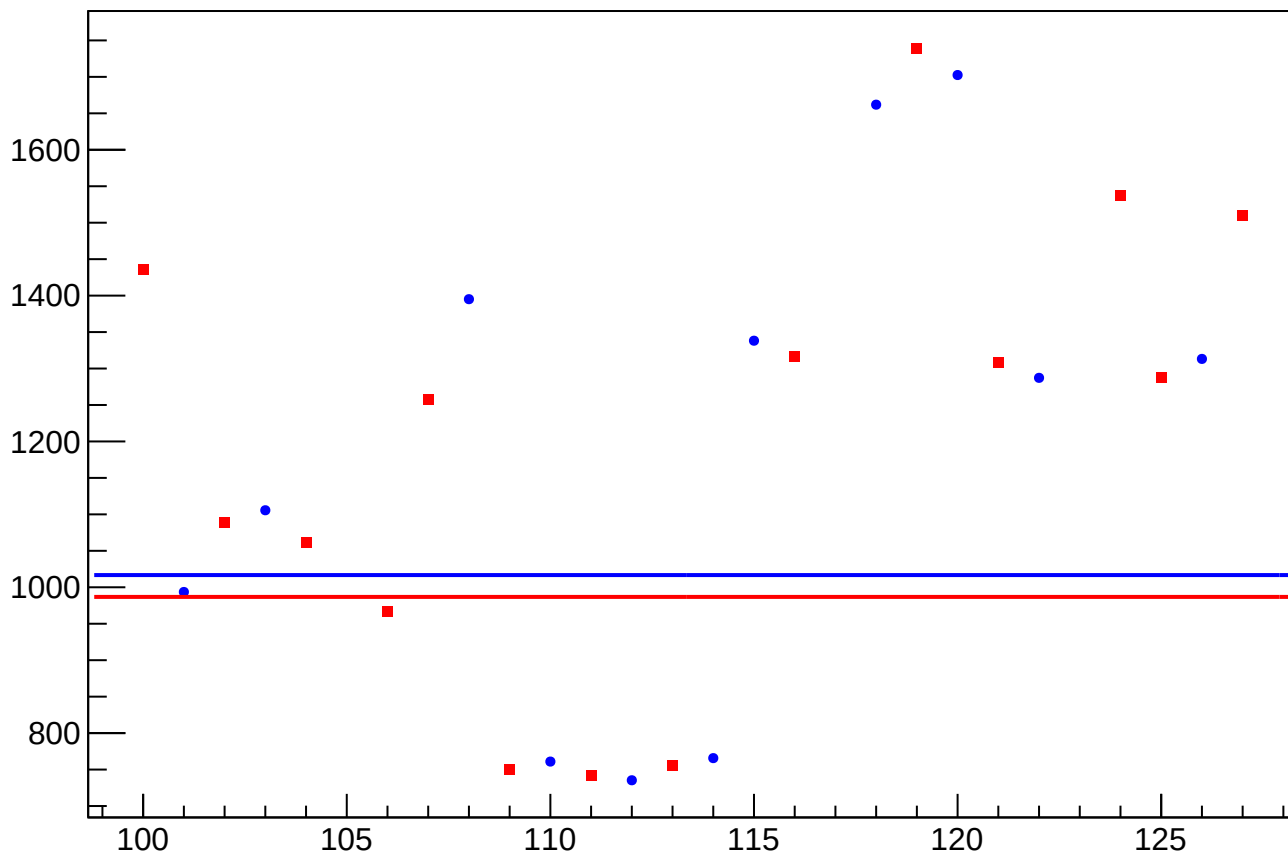
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -560.124 $\pm$ 331.413 χ^2 /NDF: 25.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_eigen_cor_correction_rms vs Slug



Right In: 1016.736 $\pm$ 0.353 χ^2 /NDF: 691701.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 986.789 $\pm$ 0.313 χ^2 /NDF: 828852.0/13

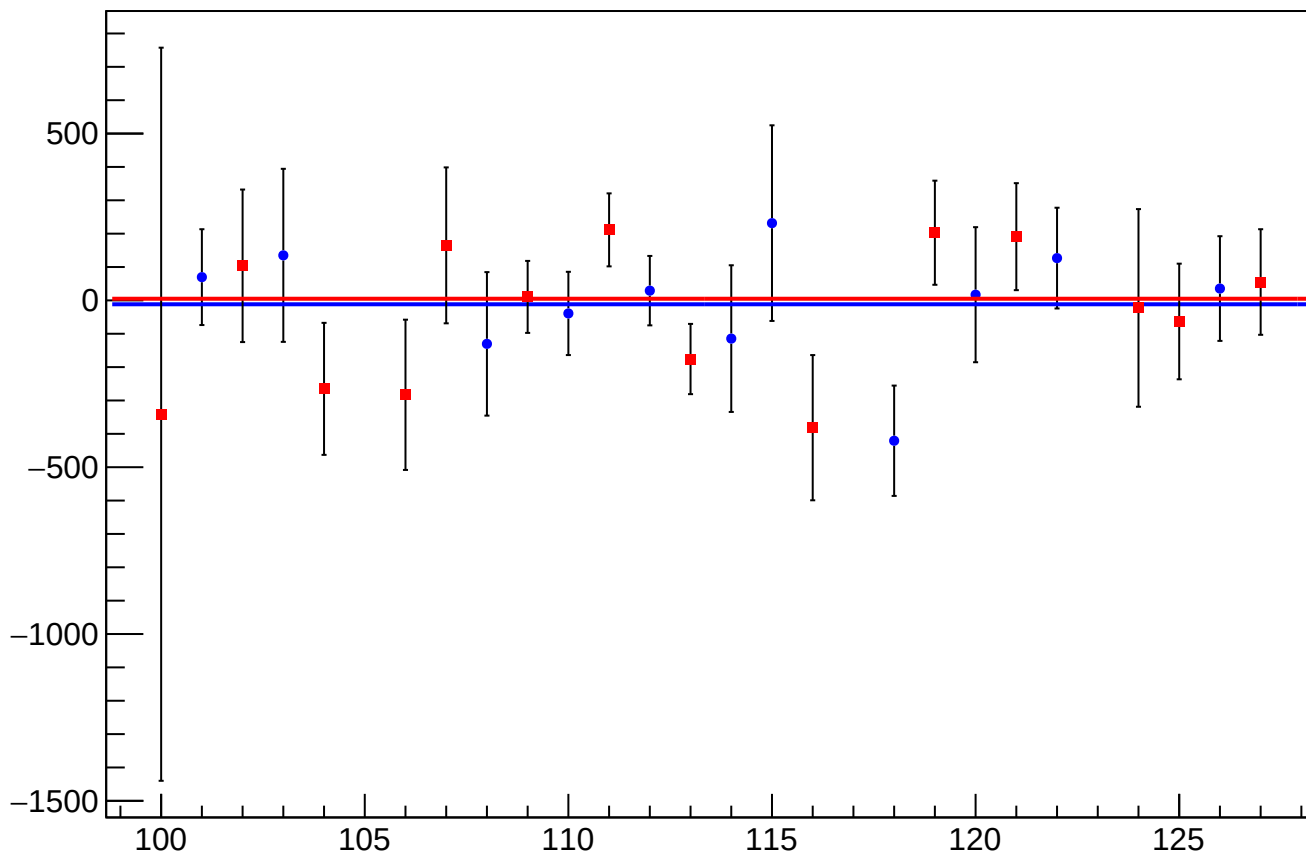
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 999.959 $\pm$ 0.234 χ^2 /NDF: 1524577.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_3748_avg_mean vs Slug



Right In: -11.677 $\pm$ 48.831 χ^2 /NDF: 9.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.936 $\pm$ 43.482 χ^2 /NDF: 17.1/13

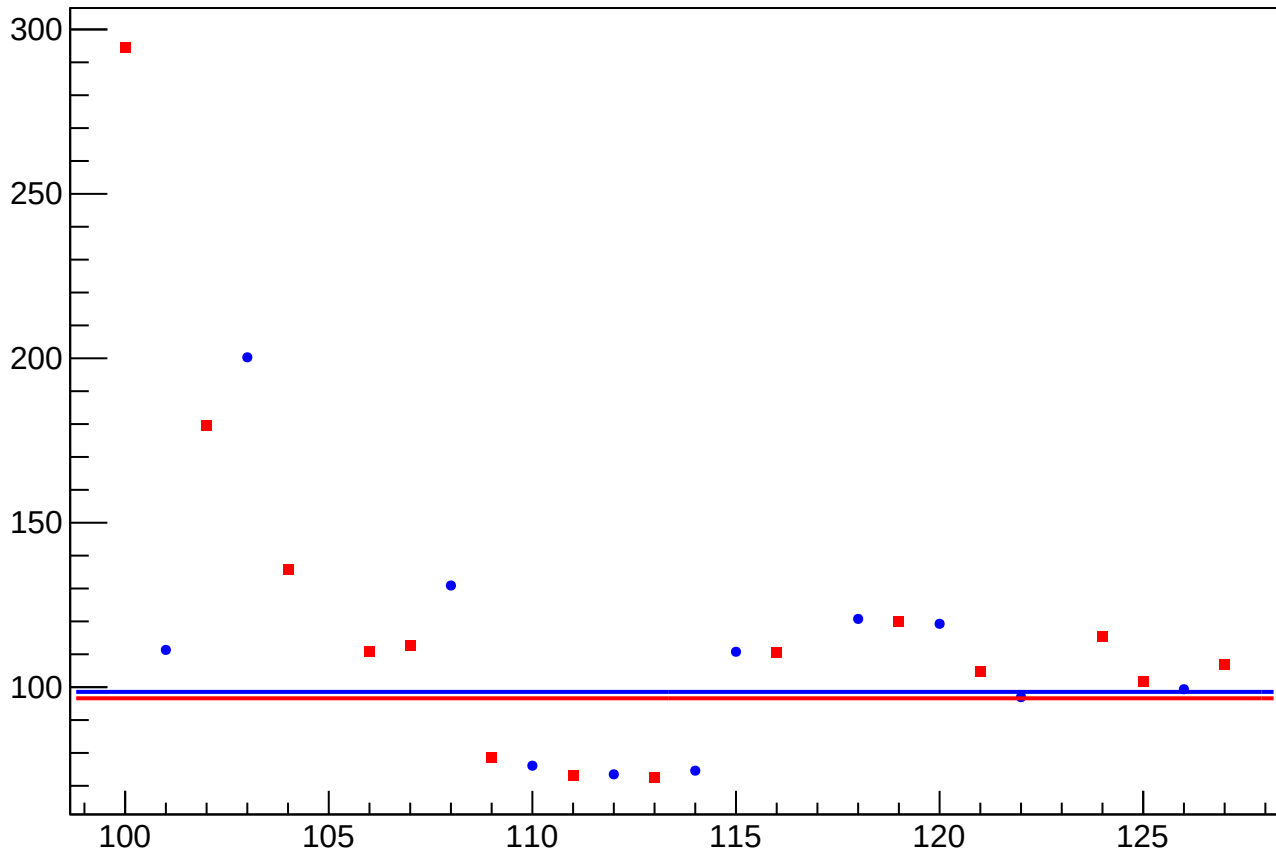
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2.411 $\pm$ 32.474 χ^2 /NDF: 26.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_3748_avg_rms vs Slug



Right In: 98.565+/-0.035 χ^2/NDF : 633999.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.616+/-0.031 χ^2/NDF : 755383.3/13

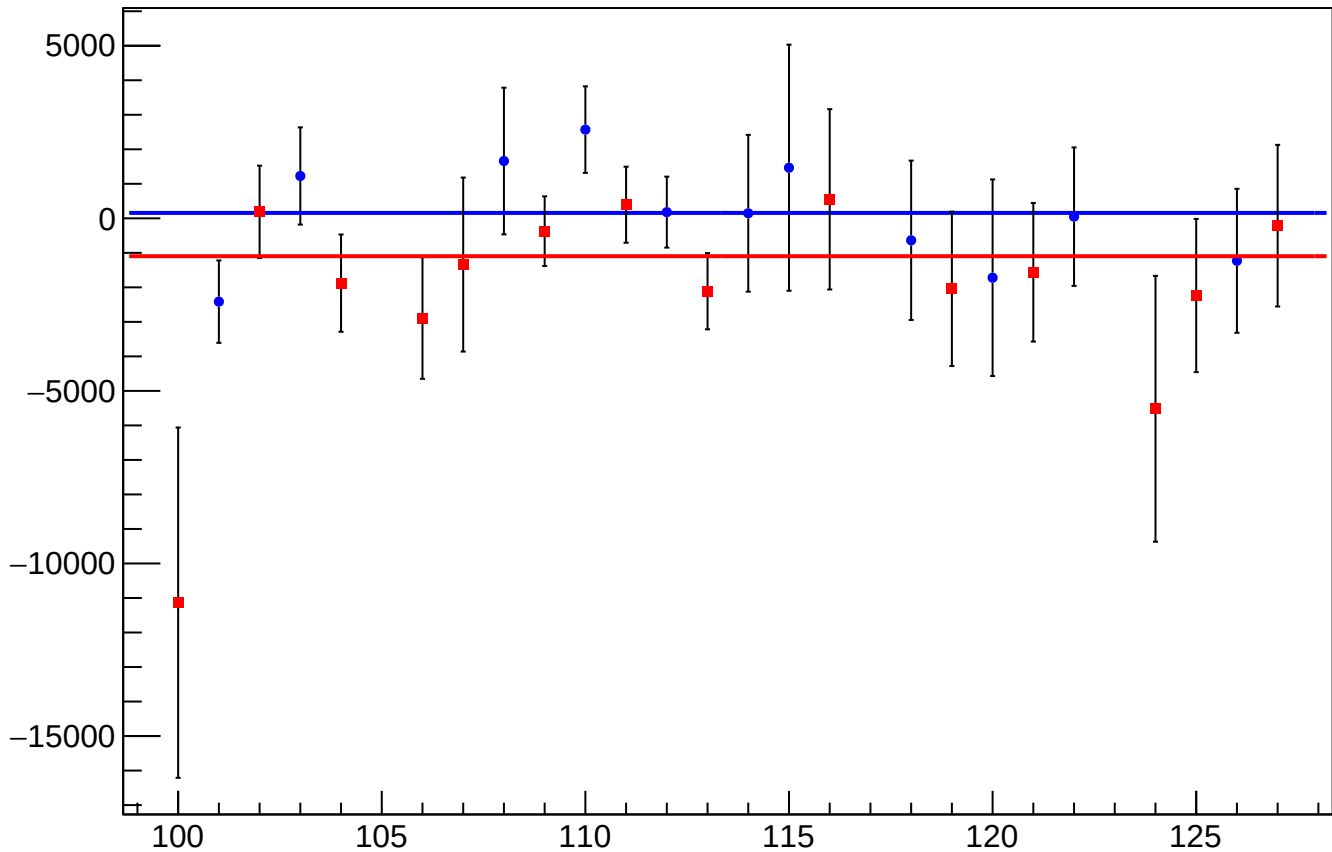
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.478+/-0.023 χ^2/NDF : 1391160.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_dit_correction_mean vs Slug



Right In: 156.943+/-495.651 χ^2/NDF : 10.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1097.439+/-436.235 χ^2/NDF : 11.7/13

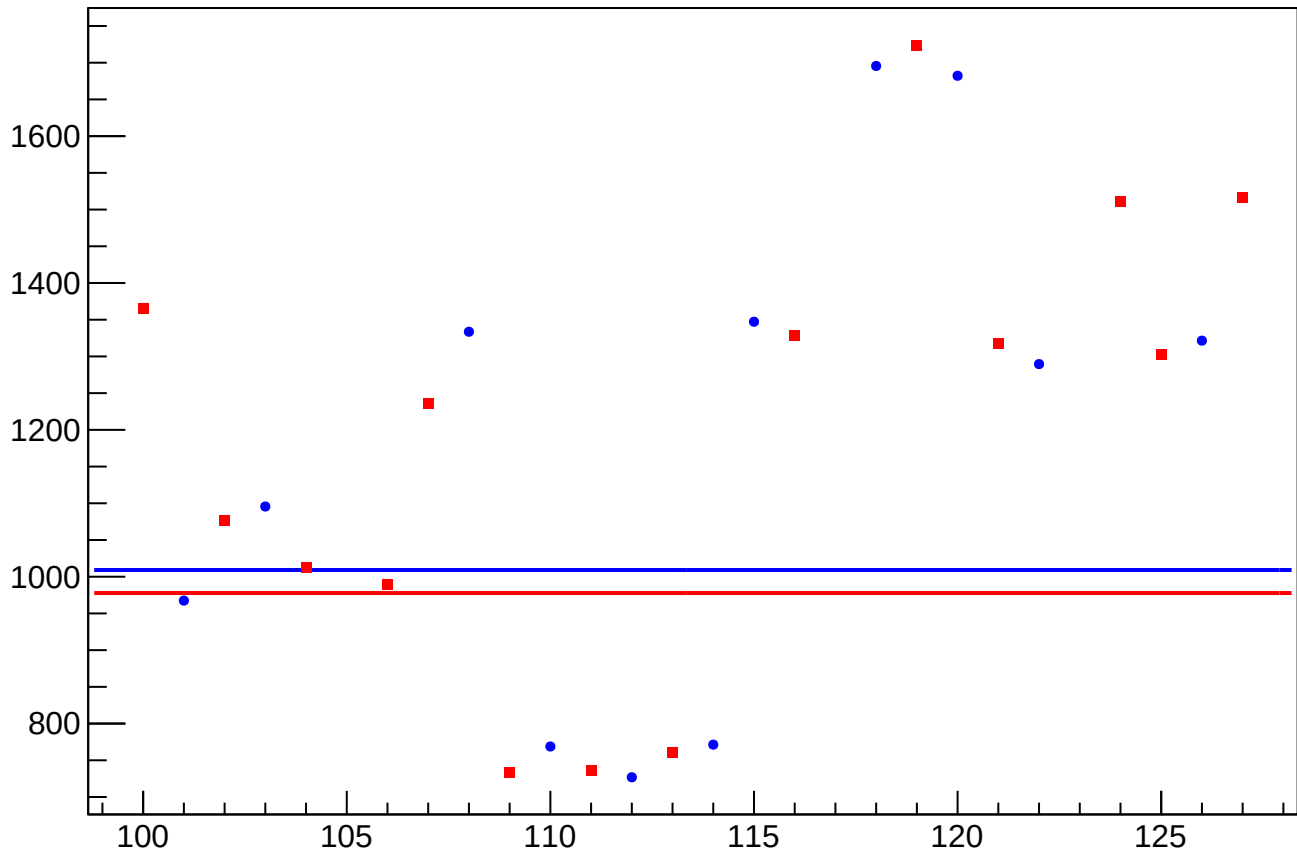
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -549.903+/-327.467 χ^2/NDF : 25.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_dit_correction_rms vs Slug



Right In: 1009.142+/-0.350 χ^2/NDF : 693167.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 977.755+/-0.308 χ^2/NDF : 838246.6/13

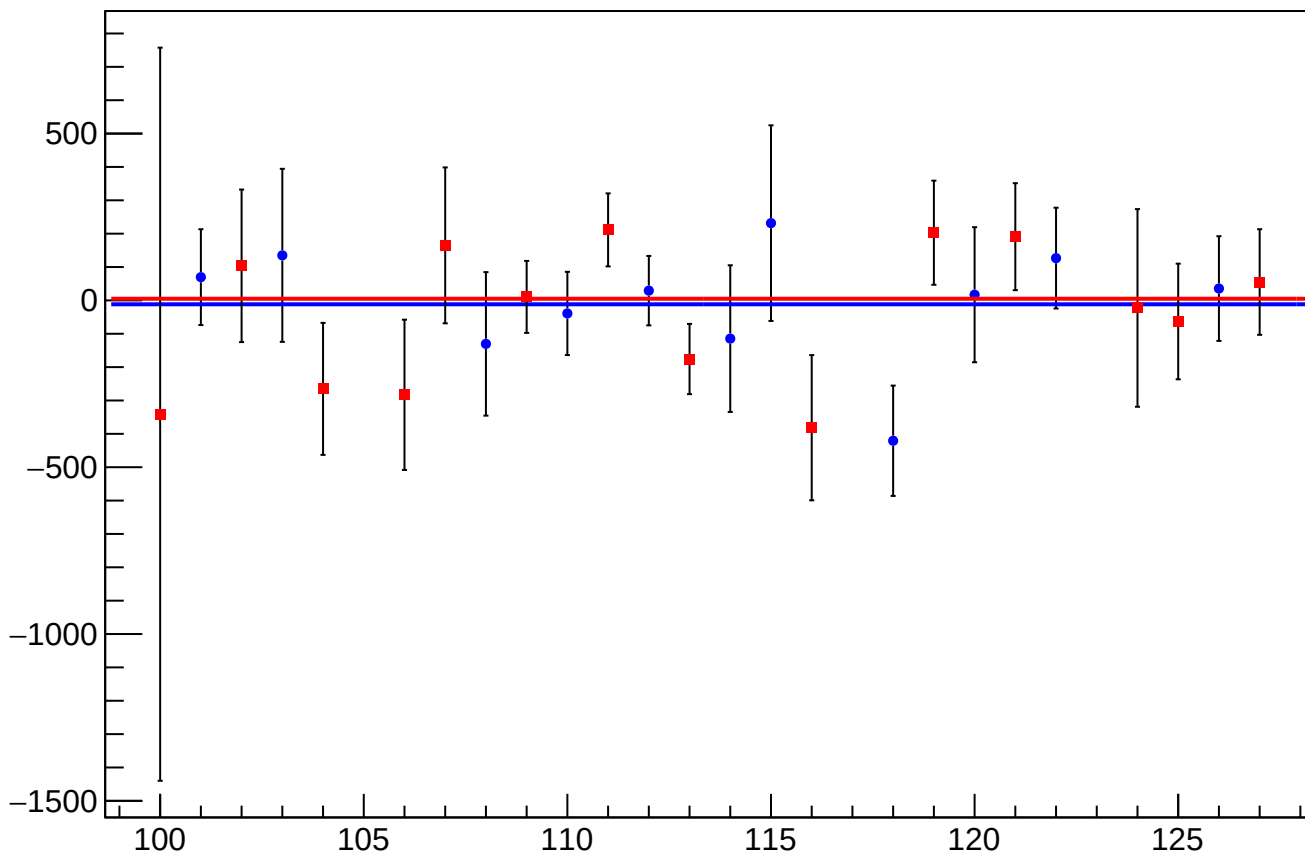
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 991.455+/-0.232 χ^2/NDF : 1535933.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_3748_avg_mean vs Slug



Right In: -11.677 $\pm$ 48.831 χ^2 /NDF: 9.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4.939 $\pm$ 43.482 χ^2 /NDF: 17.1/13

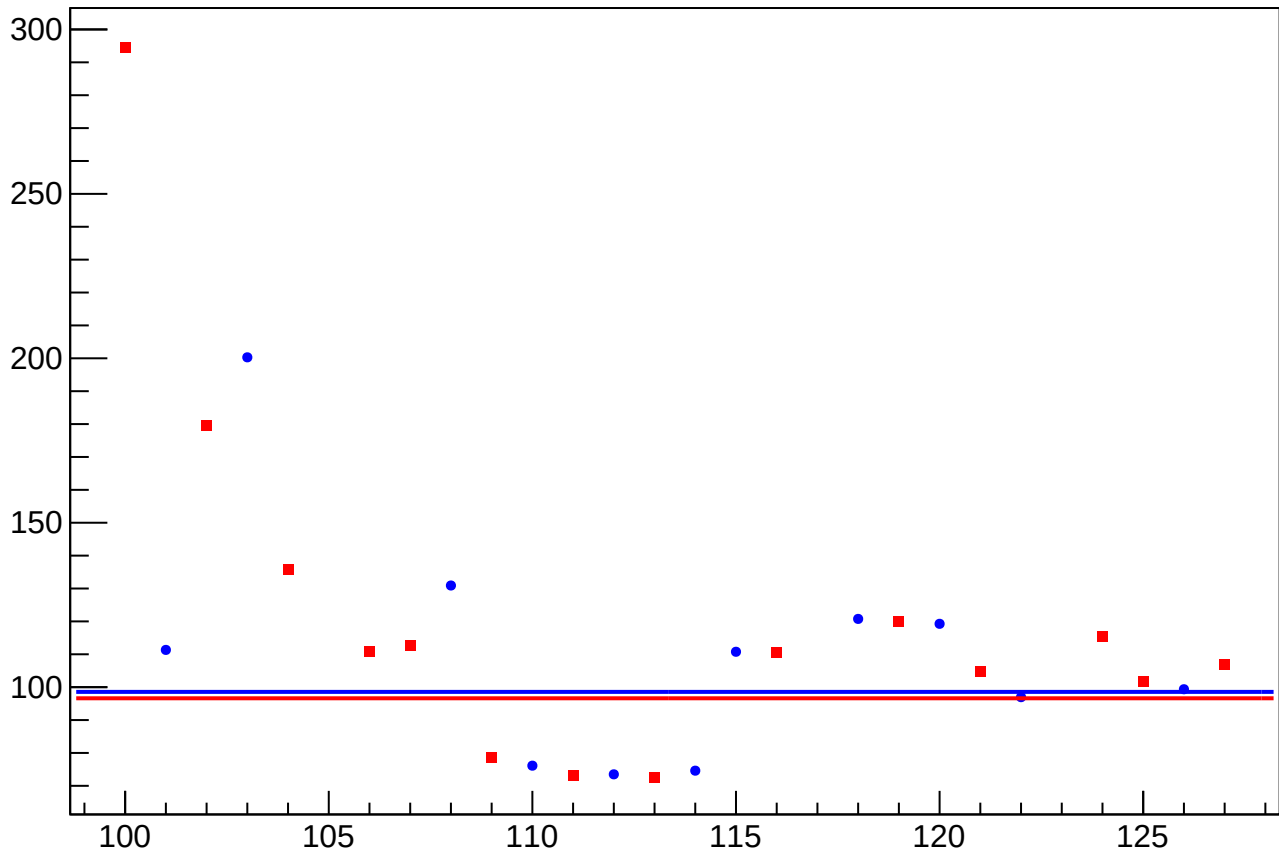
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2.410 $\pm$ 32.474 χ^2 /NDF: 26.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_3748_avg_rms vs Slug



Right In: 98.565+/-0.035 χ^2/NDF : 634001.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.616+/-0.031 χ^2/NDF : 755383.0/13

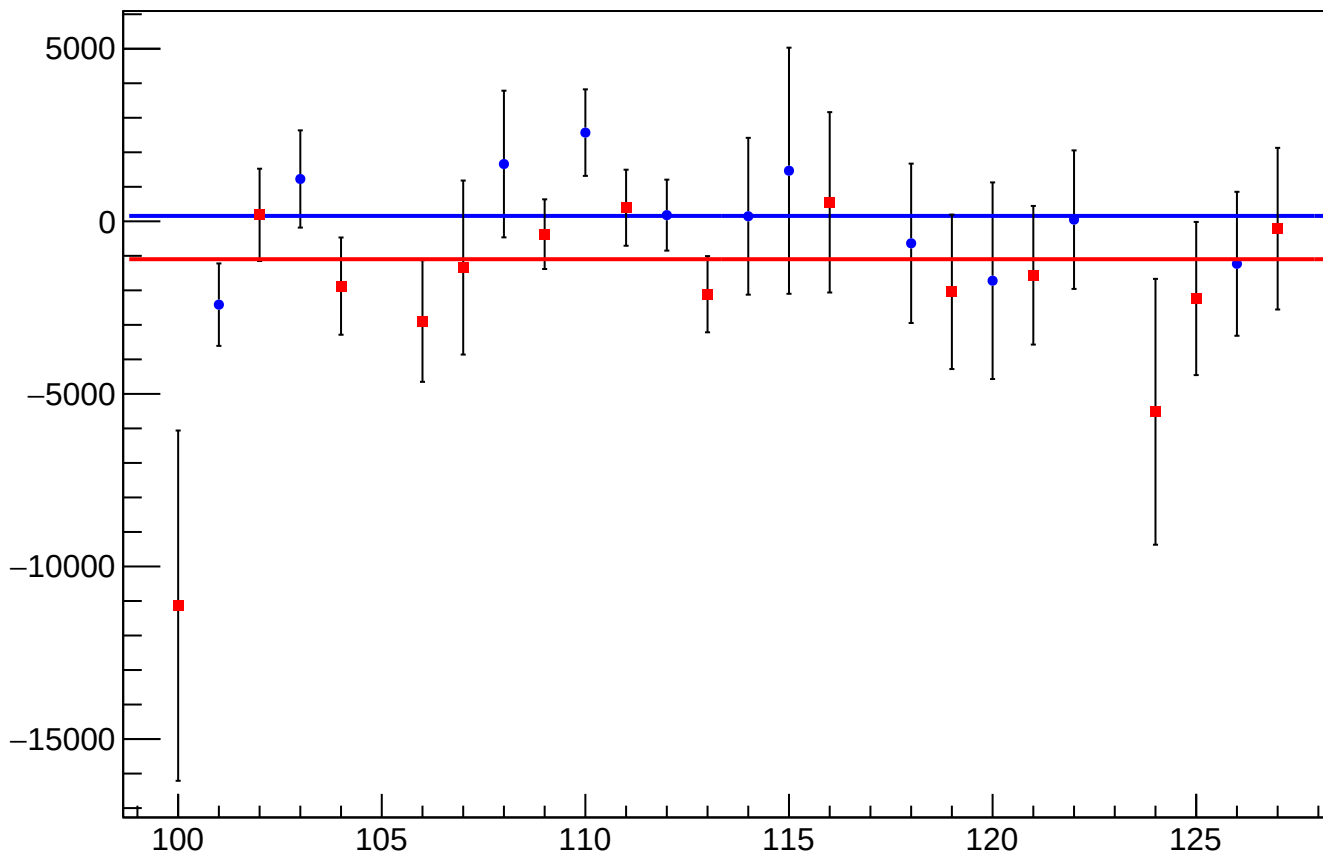
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.478+/-0.023 χ^2/NDF : 1391161.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_eigen_dit_correction_mean vs Slug



Right In: 156.943 $\pm$ 495.650 χ^2 /NDF: 10.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1097.437 $\pm$ 436.234 χ^2 /NDF: 11.7/13

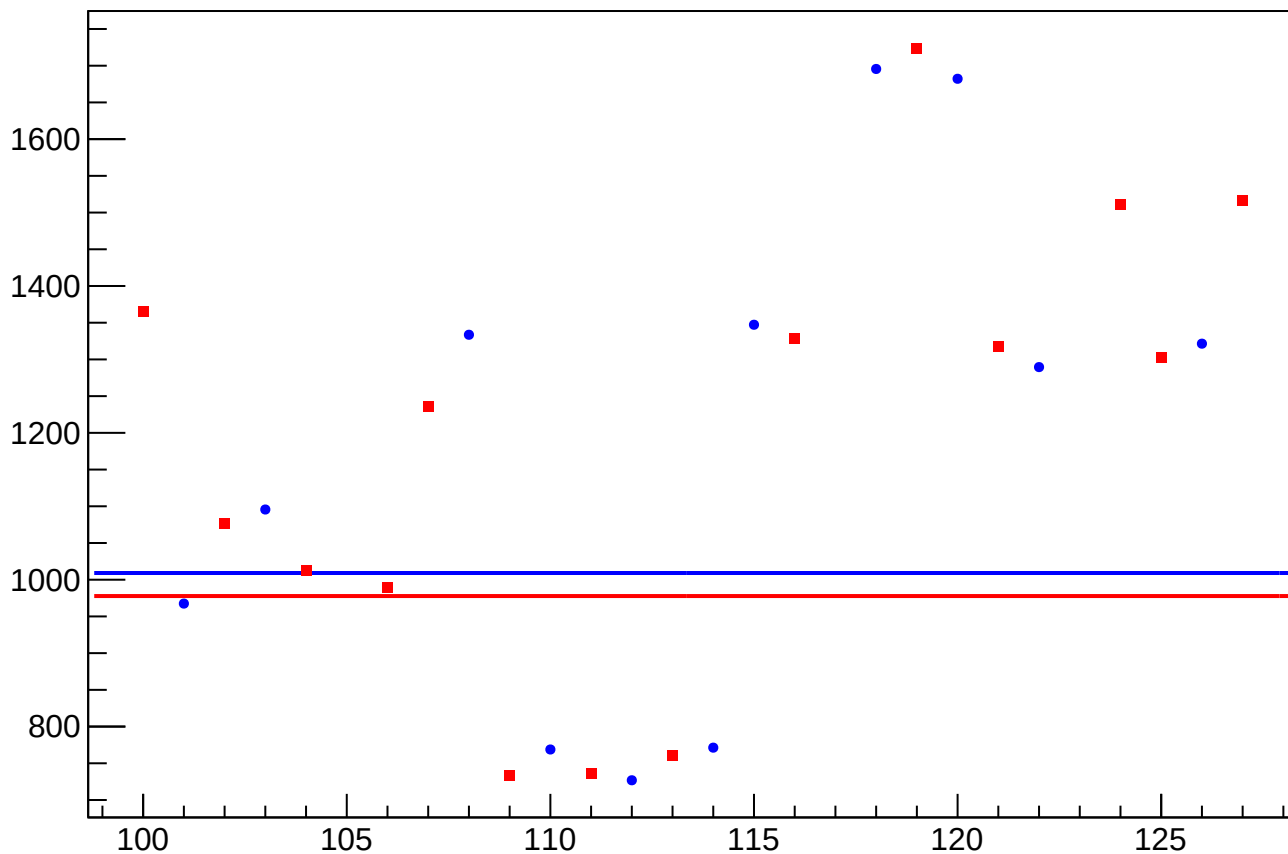
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -549.902 $\pm$ 327.466 χ^2 /NDF: 25.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_eigen_dit_correction_rms vs Slug



Right In: 1009.140+/-0.350 χ^2/NDF : 693171.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 977.753+/-0.308 χ^2/NDF : 838248.0/13

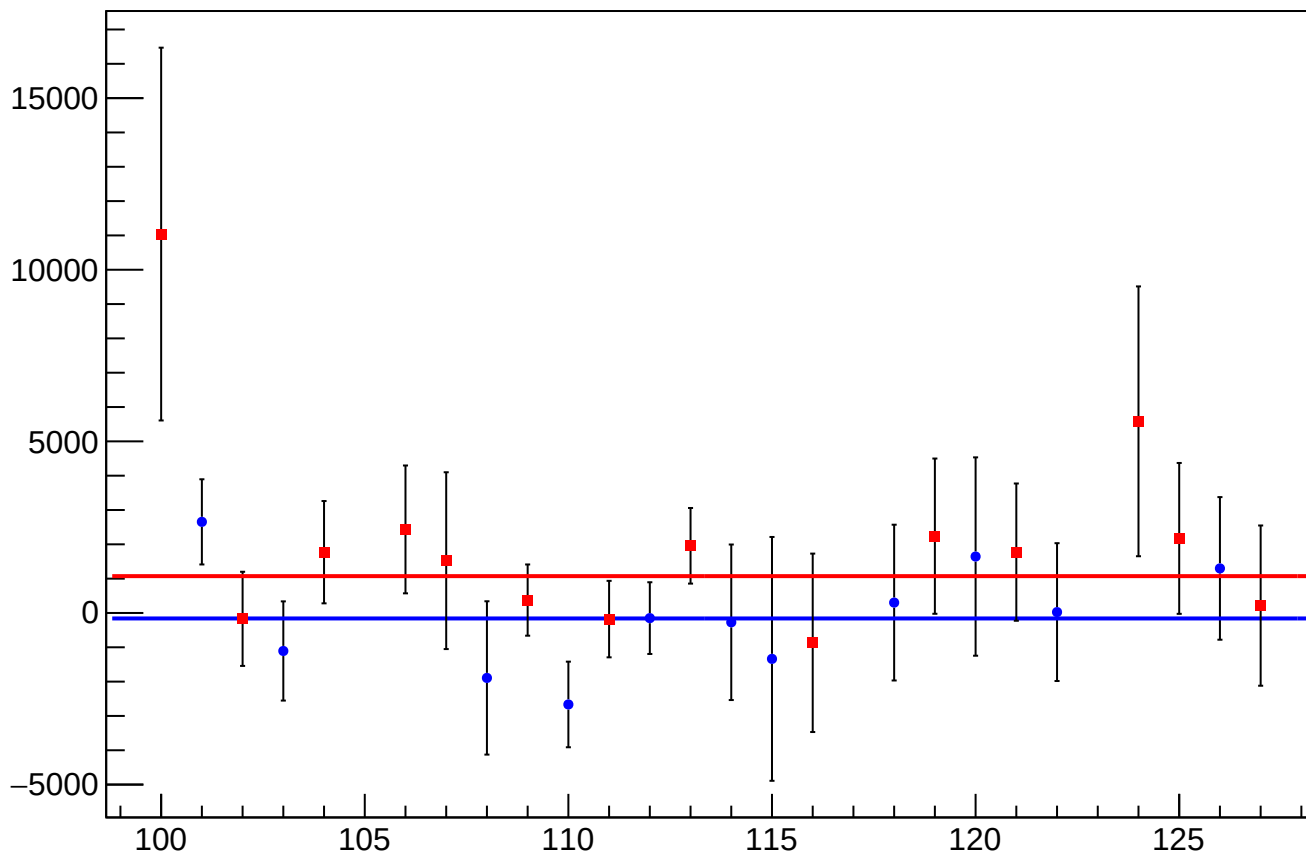
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 991.453+/-0.232 χ^2/NDF : 1535938.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_mean vs Slug



Right In: -159.970+/-502.826 χ^2/NDF : 11.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1073.178+/-444.463 χ^2/NDF : 10.0/13

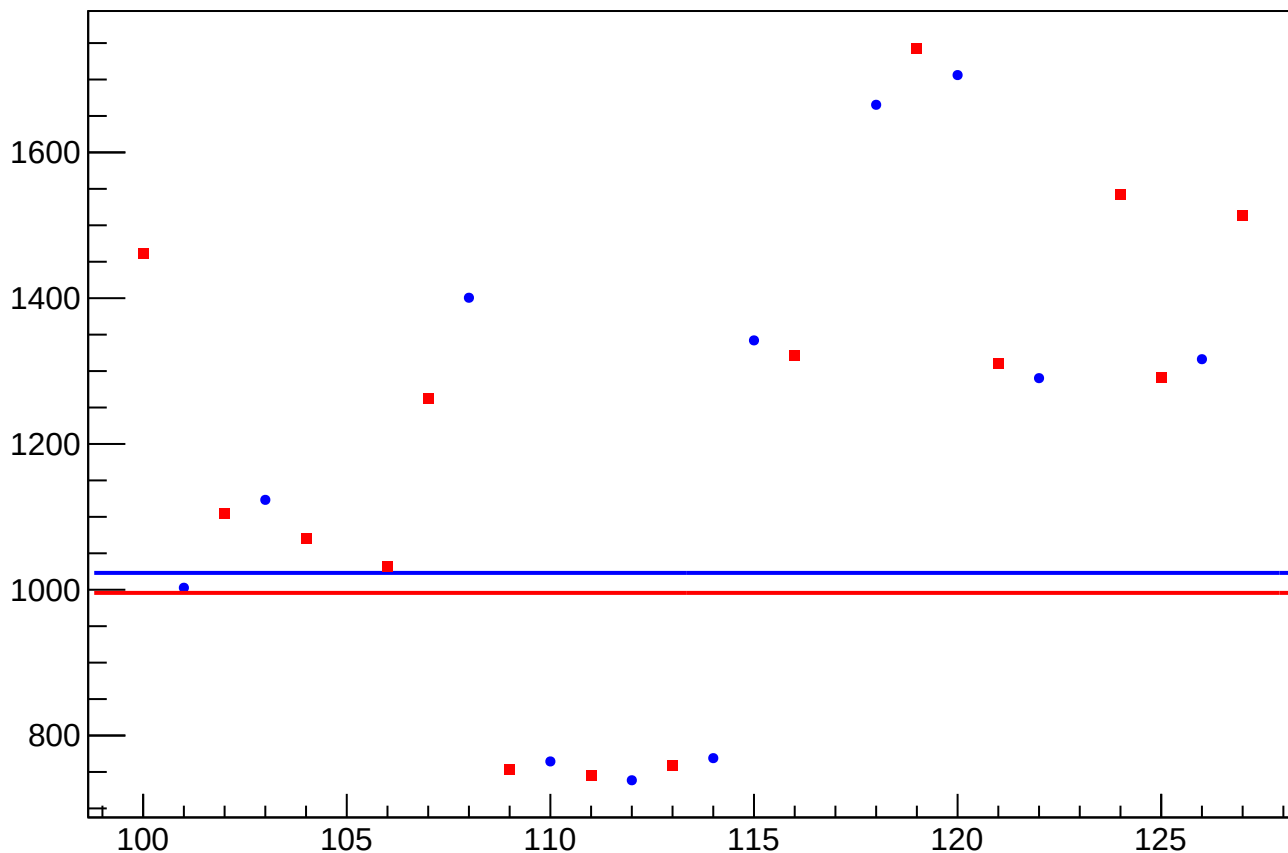
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 532.292+/-333.014 χ^2/NDF : 24.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_rms vs Slug



Right In: 1023.112 ± 0.356 χ^2/NDF : 690030.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 995.682 ± 0.314 χ^2/NDF : 828987.6/13

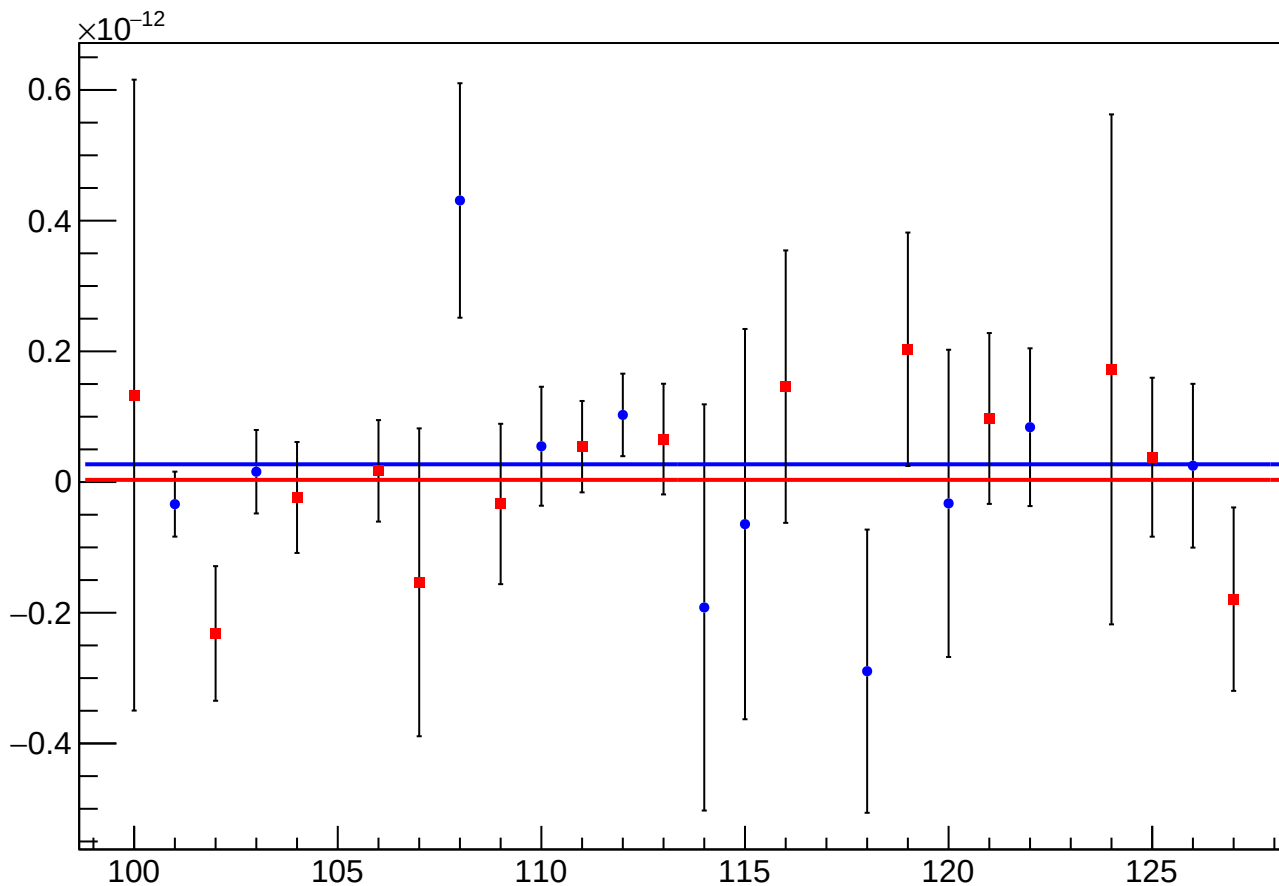
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1007.713 ± 0.235 χ^2/NDF : 1522358.9/24

- 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+/-0.000 χ^2/NDF : 11.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.2/13

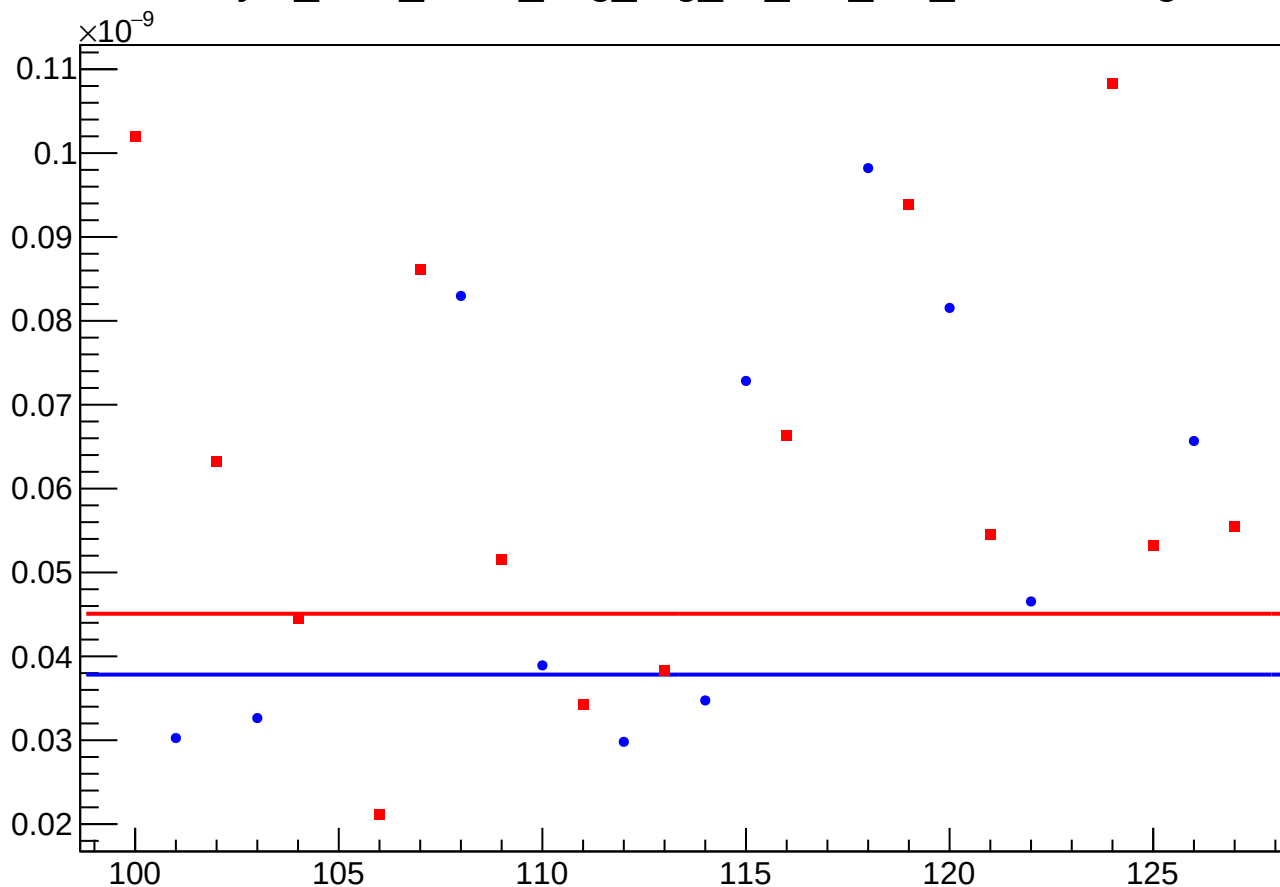
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.7/24

- sign 0.000+/-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 : 580085.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 658983.4/13

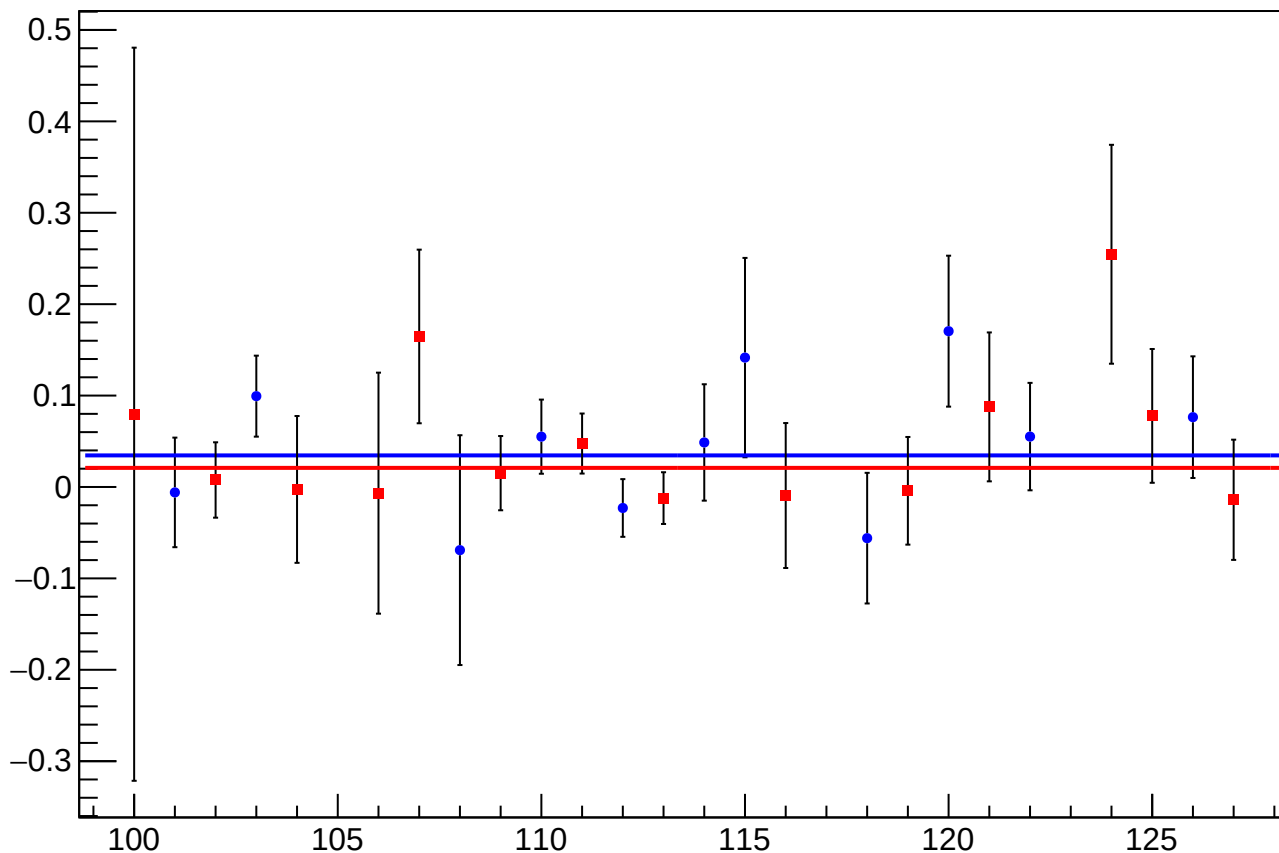
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1299669.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.035 $\pm$ 0.017 χ^2 /NDF: 12.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.021 $\pm$ 0.014 χ^2 /NDF: 10.3/13

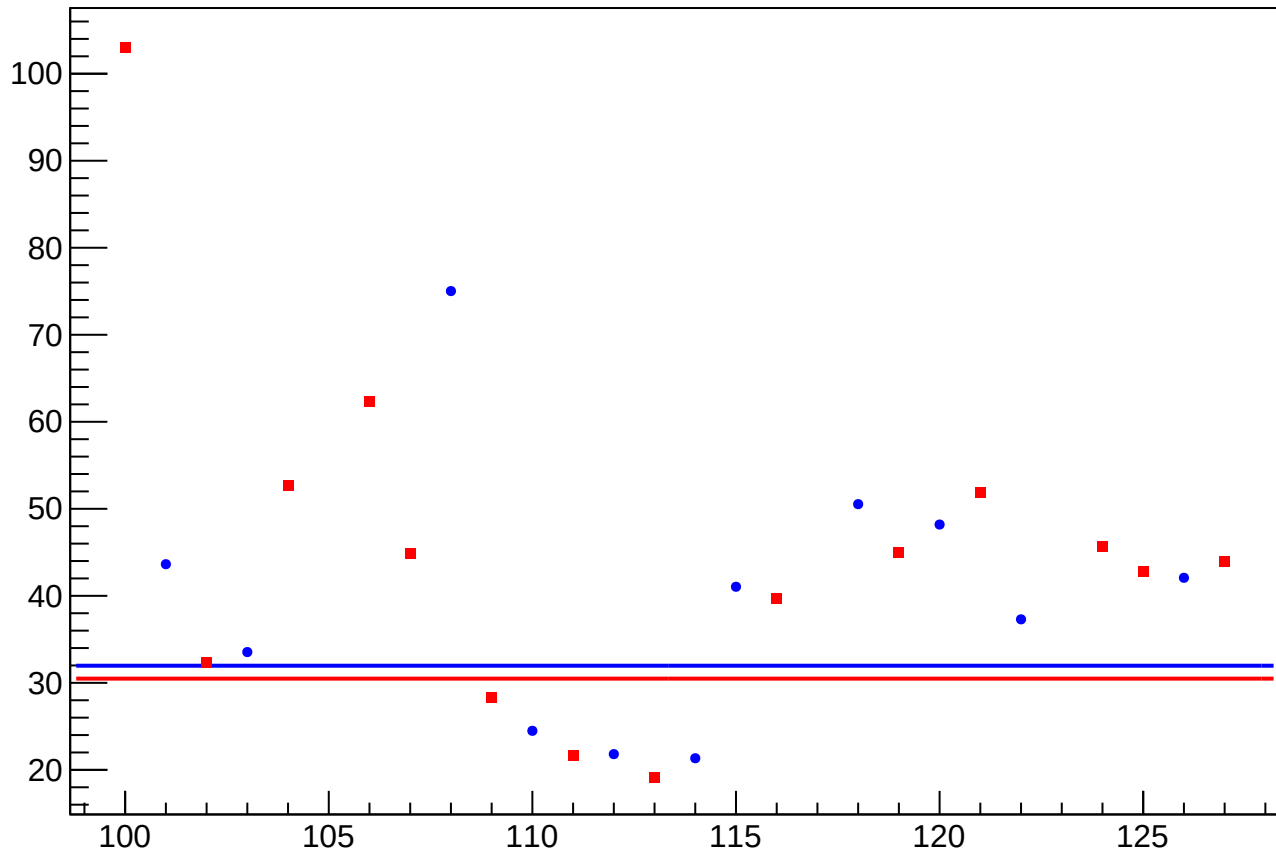
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.027 $\pm$ 0.011 χ^2 /NDF: 23.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_dit_vs_cor_diff_rms vs Slug



Right In: 31.970+/-0.012 χ^2/NDF : 932597.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.487+/-0.010 χ^2/NDF : 1315713.5/13

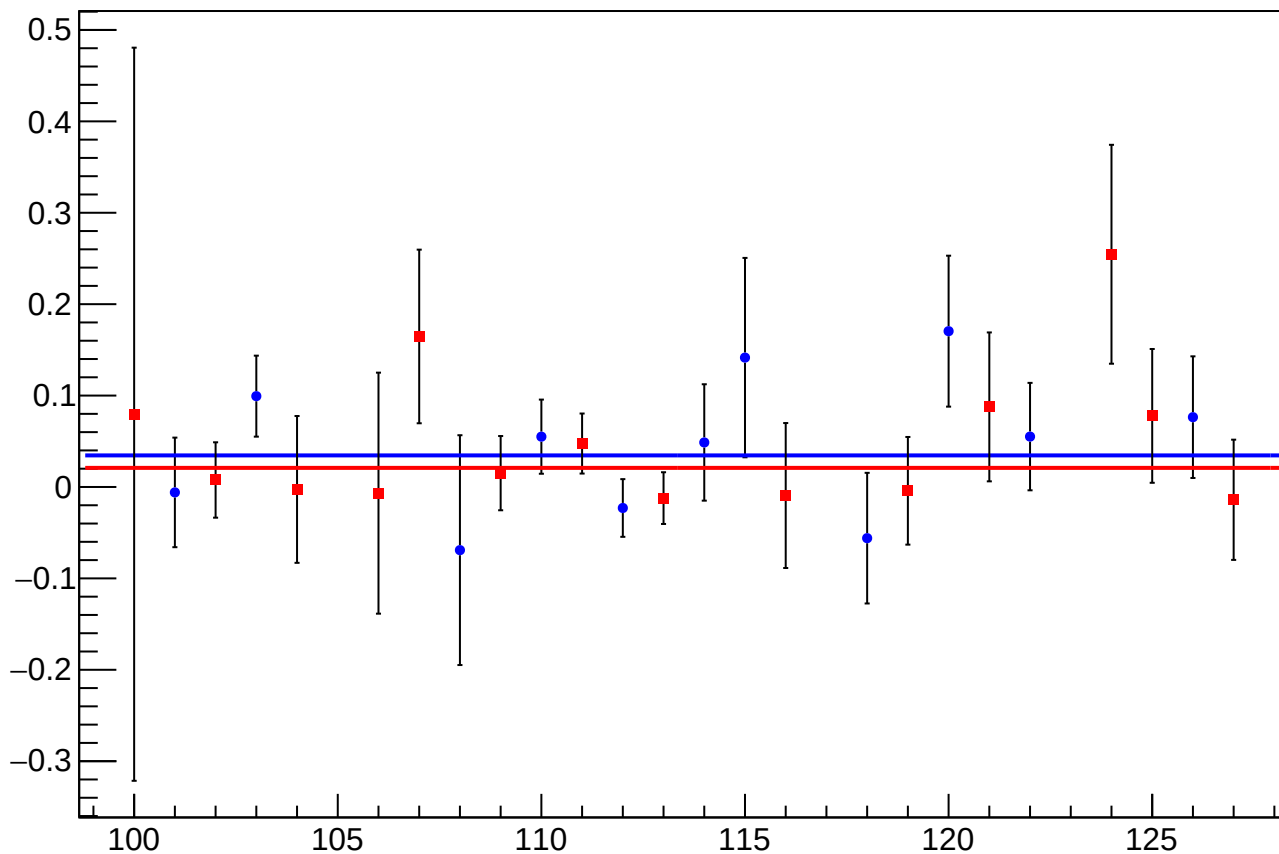
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.129+/-0.008 χ^2/NDF : 2257425.1/24

- 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: 0.035 $\pm$ 0.017 χ^2 /NDF: 12.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.021 $\pm$ 0.014 χ^2 /NDF: 10.3/13

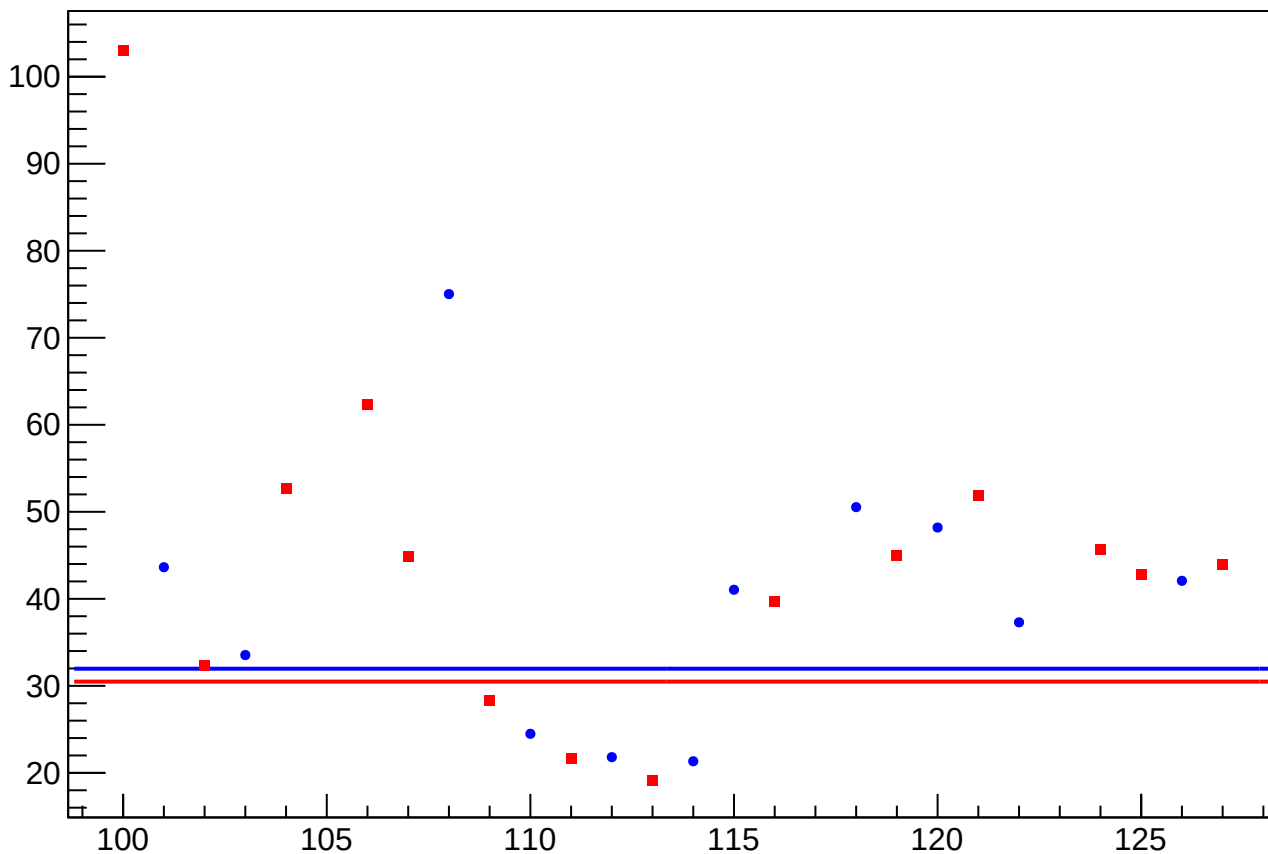
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.027 $\pm$ 0.011 χ^2 /NDF: 23.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 31.970 $\pm$ 0.012 χ^2 /NDF: 932597.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 30.487 $\pm$ 0.010 χ^2 /NDF: 1315713.5/13

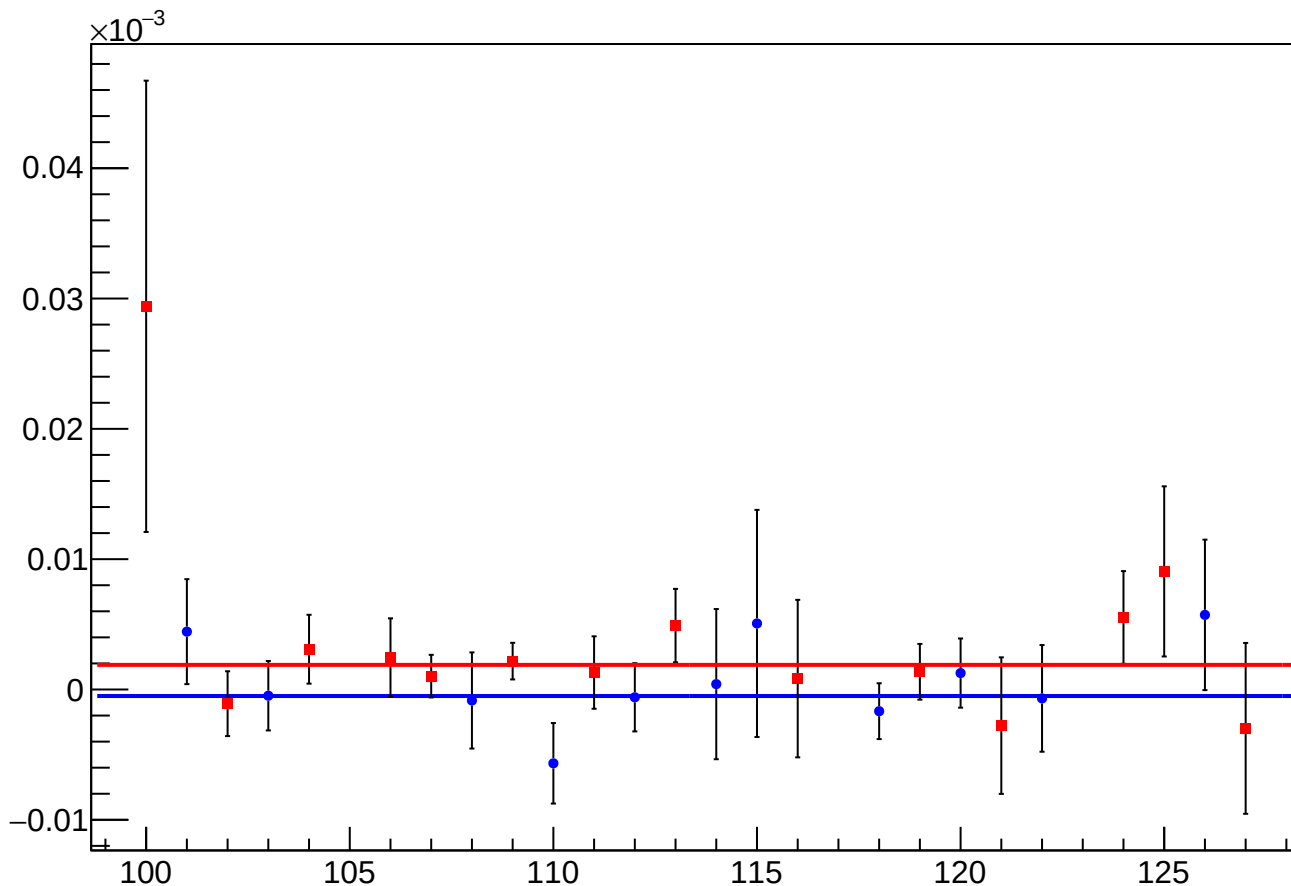
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 31.129 $\pm$ 0.008 χ^2 /NDF: 2257425.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 6.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.4/13

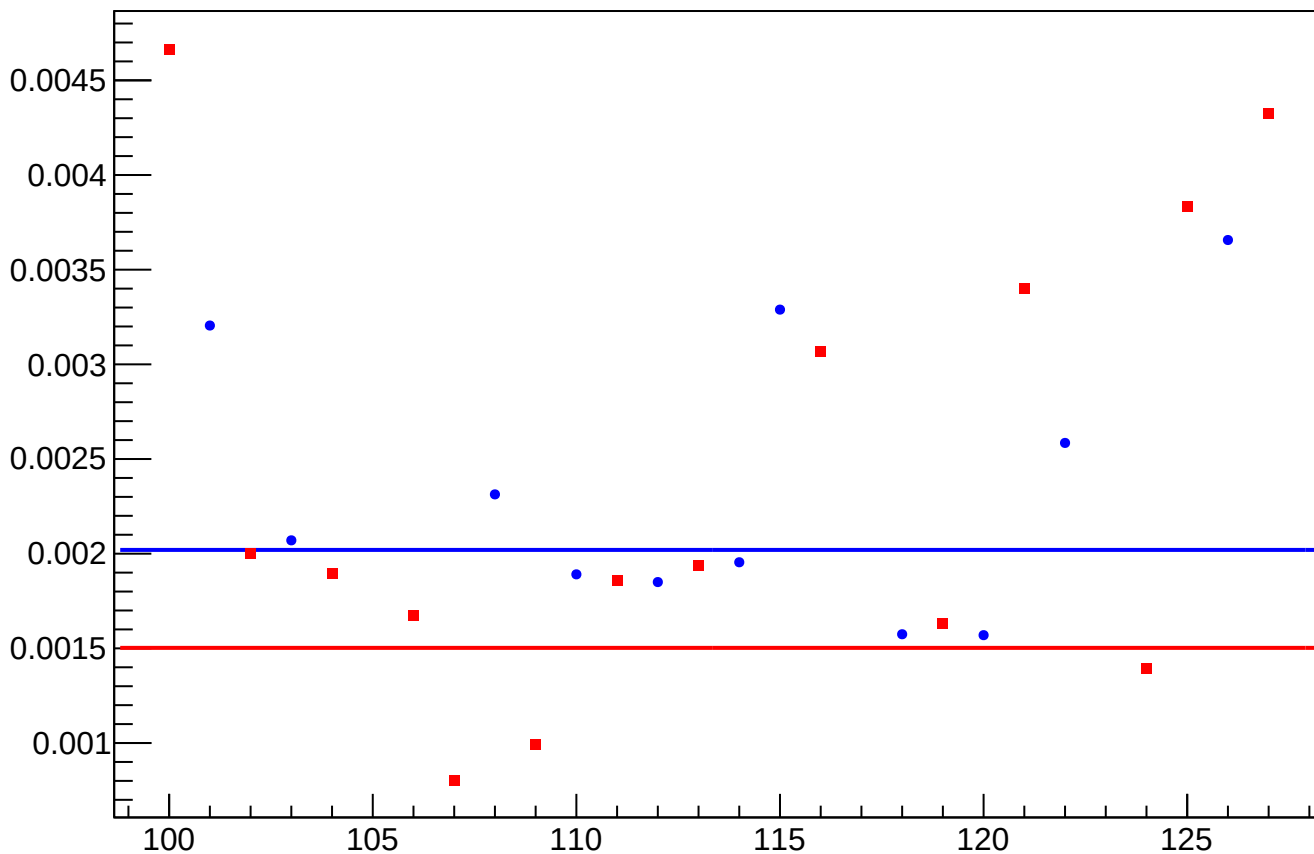
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.9/24

- sign 0.000+/-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: 583963.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 1940301.4/13

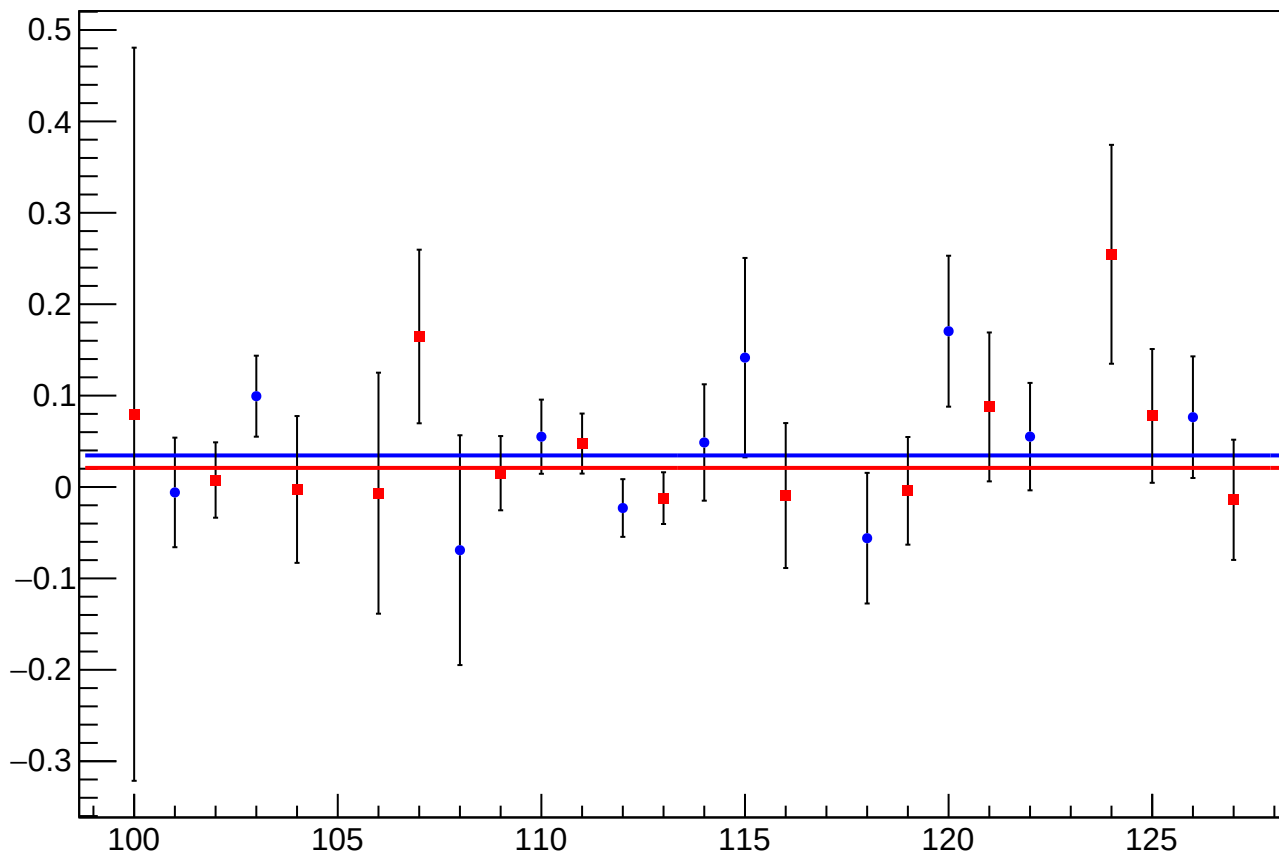
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 2883558.6/24

- 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: 0.035 $\pm$ 0.017 χ^2 /NDF: 12.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.021 $\pm$ 0.014 χ^2 /NDF: 10.3/13

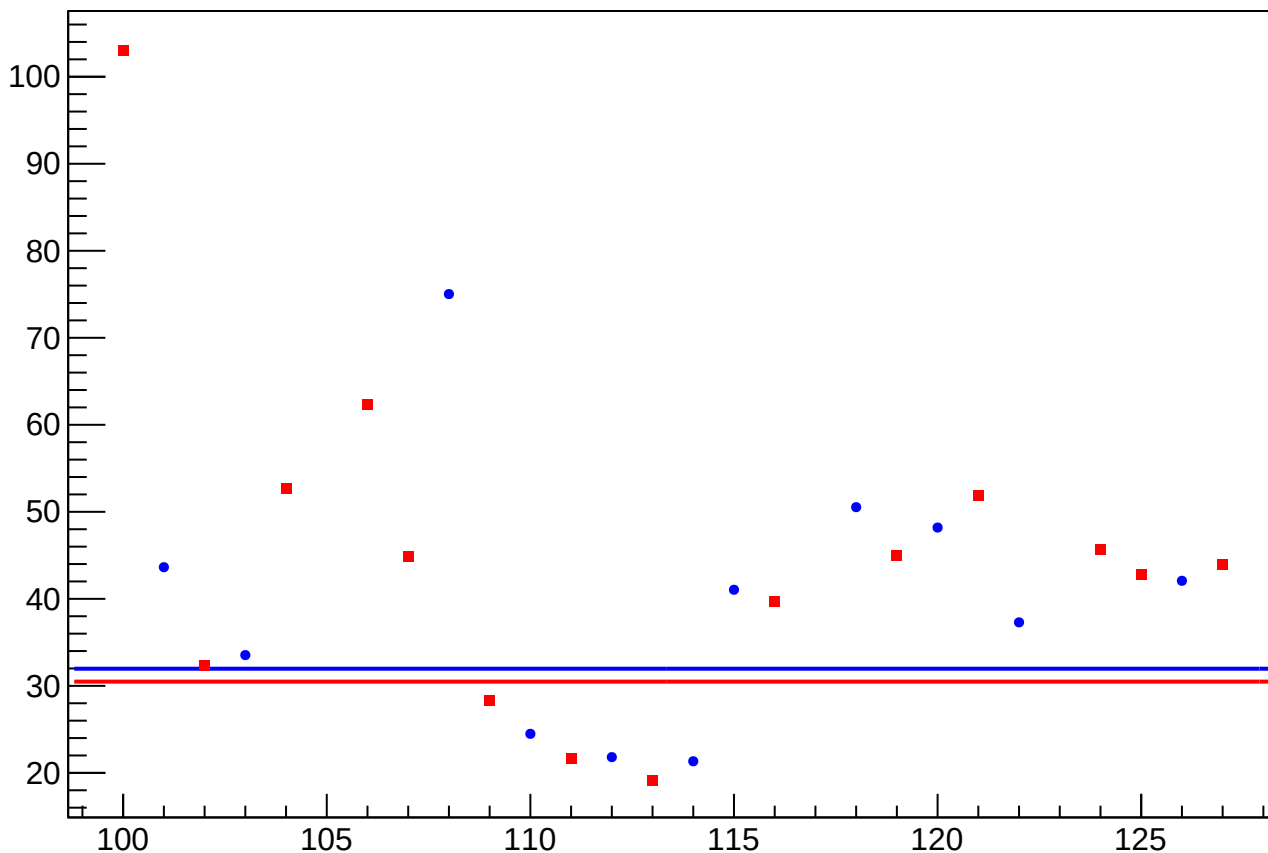
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.027 $\pm$ 0.011 χ^2 /NDF: 23.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 31.970 $\pm$ 0.012 χ^2 /NDF: 932586.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 30.487 $\pm$ 0.010 χ^2 /NDF: 1315686.5/13

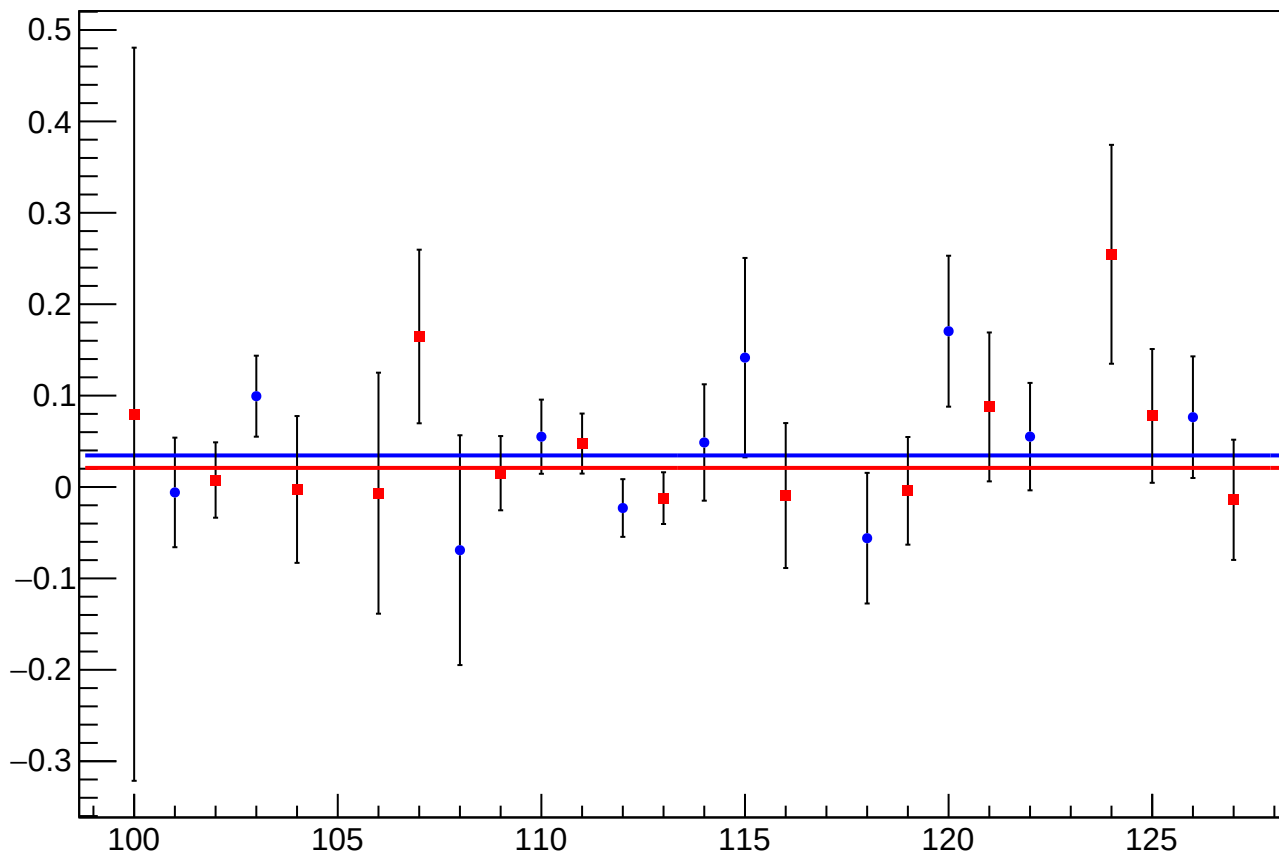
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 31.129 $\pm$ 0.008 χ^2 /NDF: 2257387.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.035+/-0.017 χ^2/NDF : 12.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-0.014 χ^2/NDF : 10.3/13

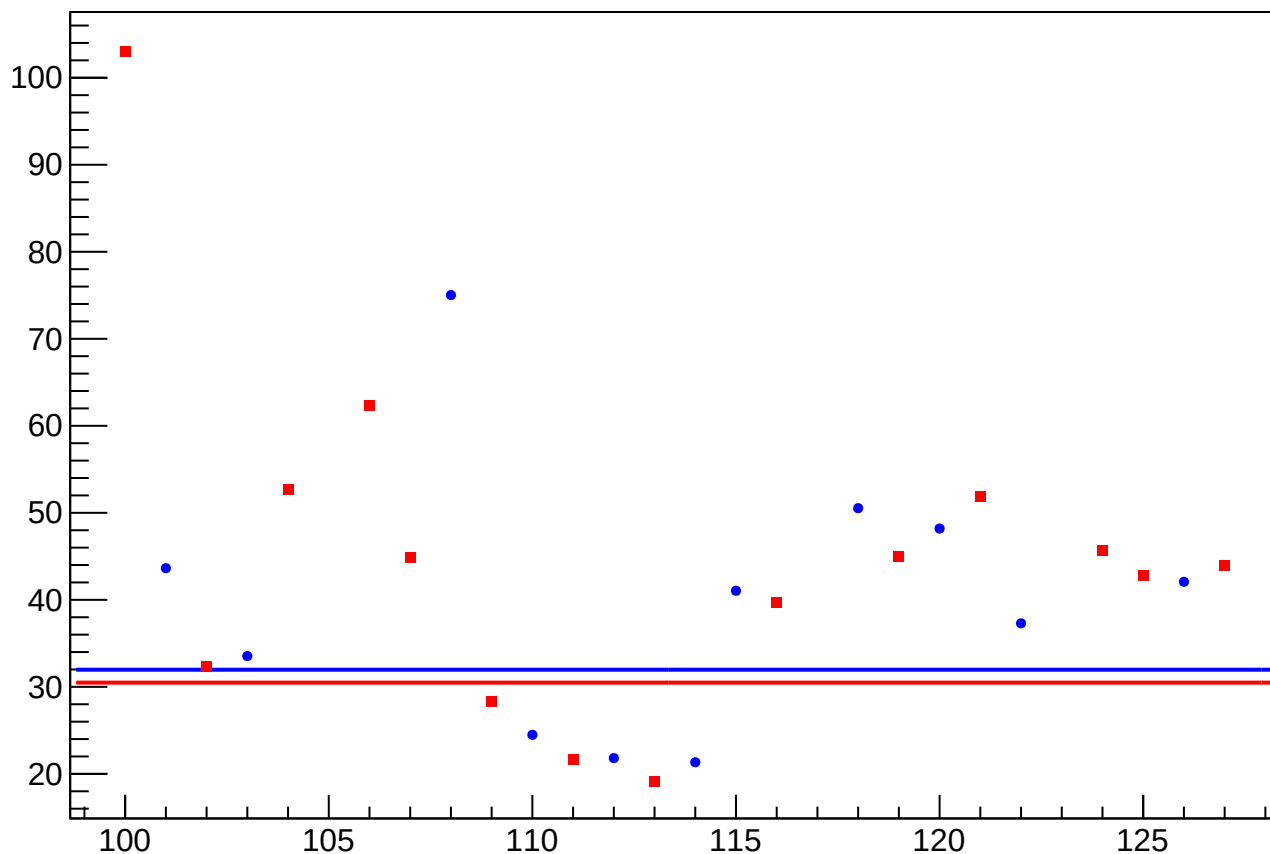
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.027+/-0.011 χ^2/NDF : 23.4/24

- 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: 31.970 $\pm$ 0.012 χ^2 /NDF: 932586.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 30.487 $\pm$ 0.010 χ^2 /NDF: 1315686.5/13

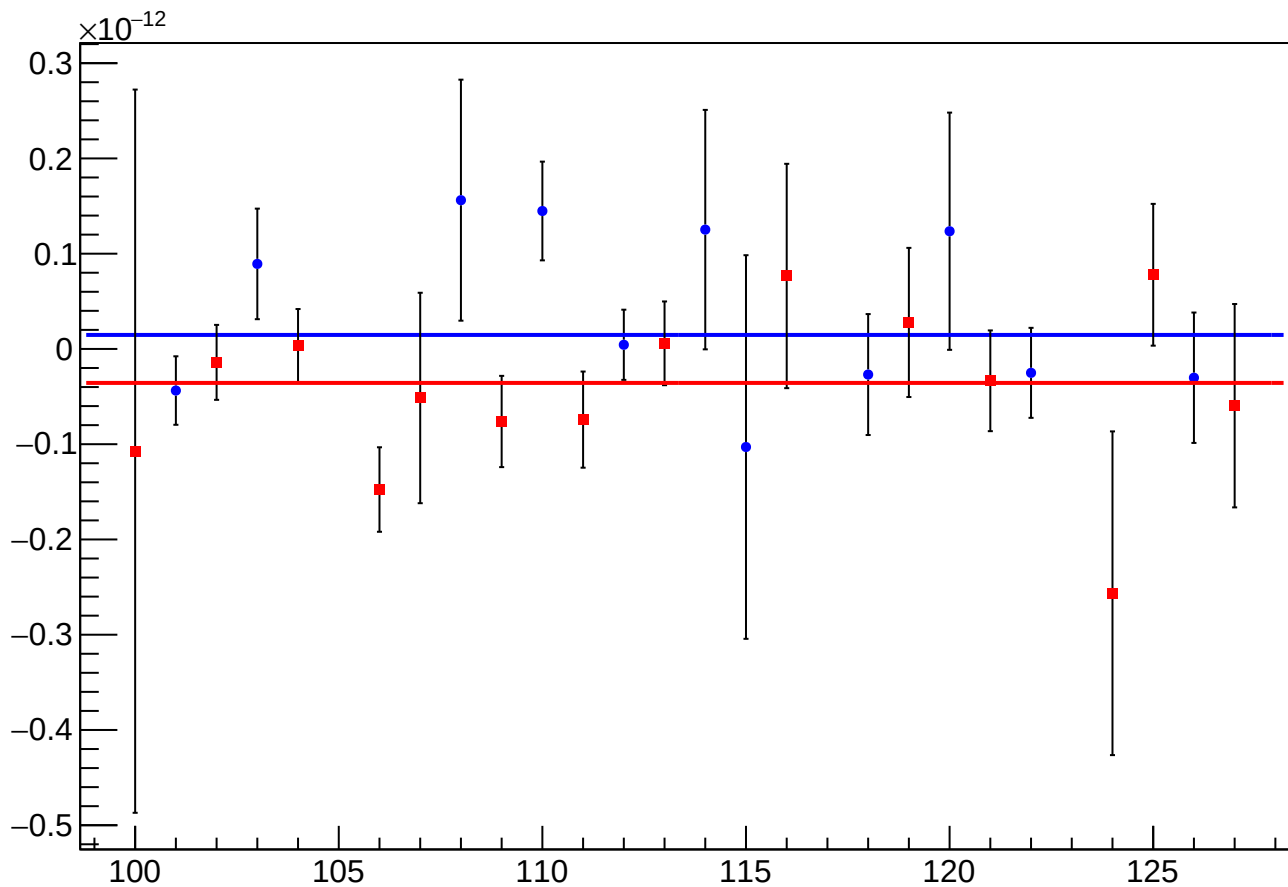
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 31.129 $\pm$ 0.008 χ^2 /NDF: 2257387.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.6/13

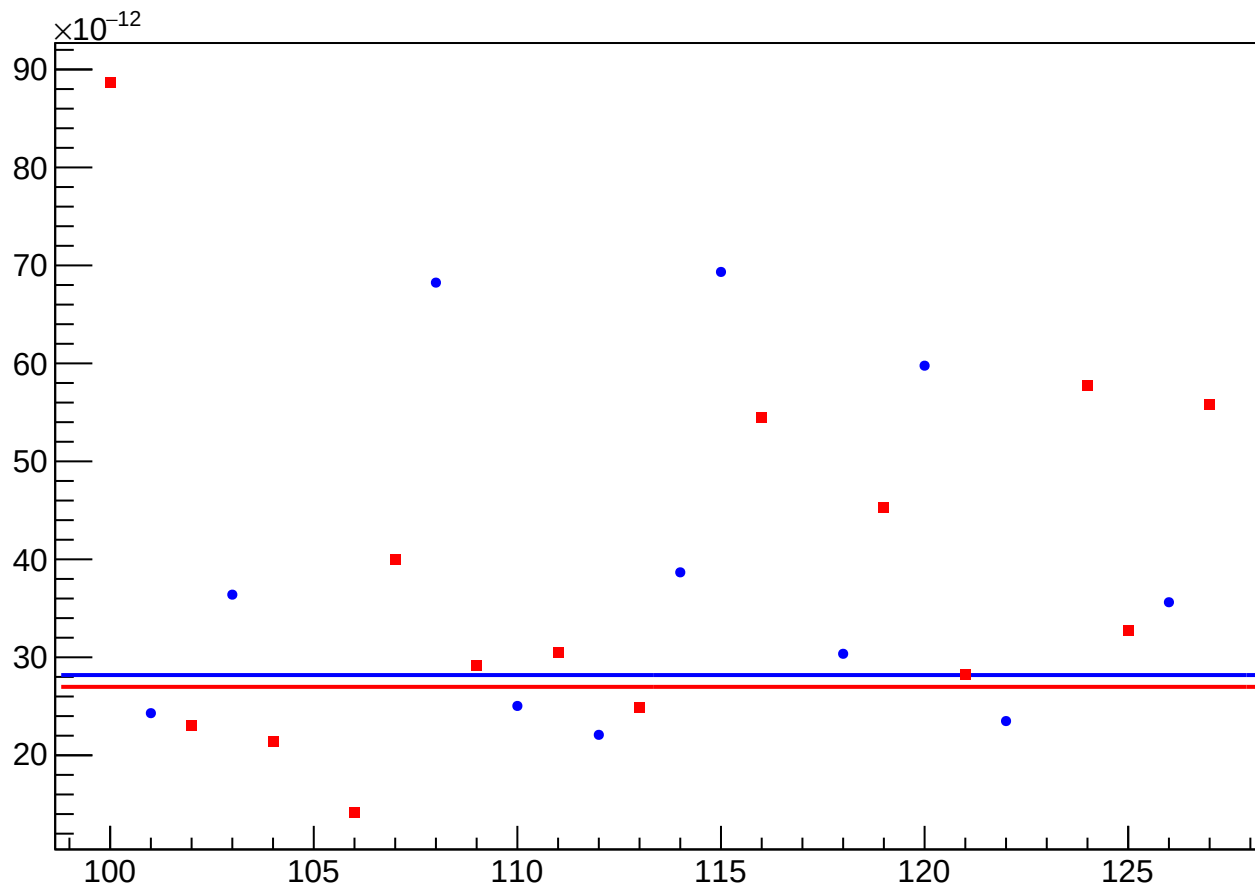
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 35.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 597886.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 771194.8/13

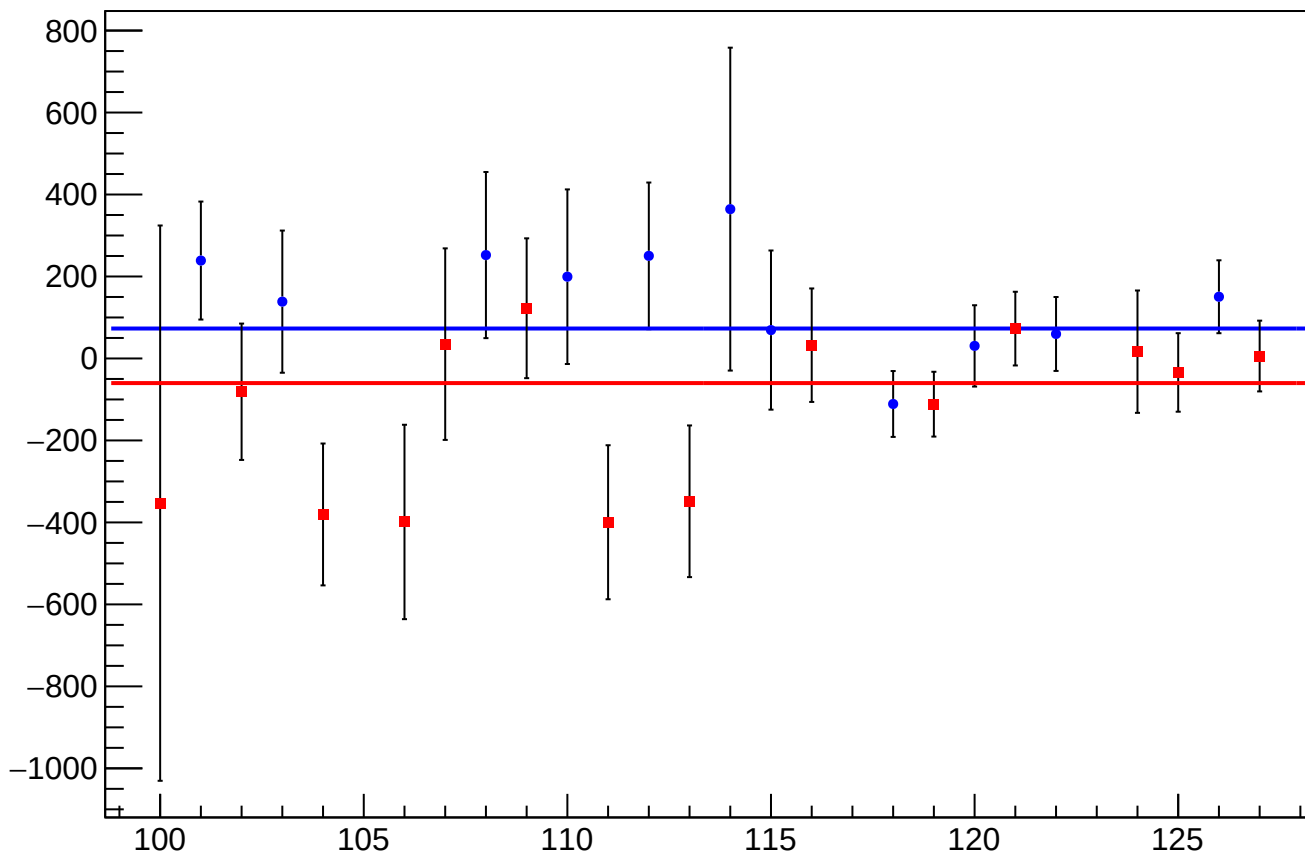
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1374420.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1526_avg_mean vs Slug



Right In: 73.045+/-37.853 χ^2/NDF : 10.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -60.066+/-34.842 χ^2/NDF : 16.7/13

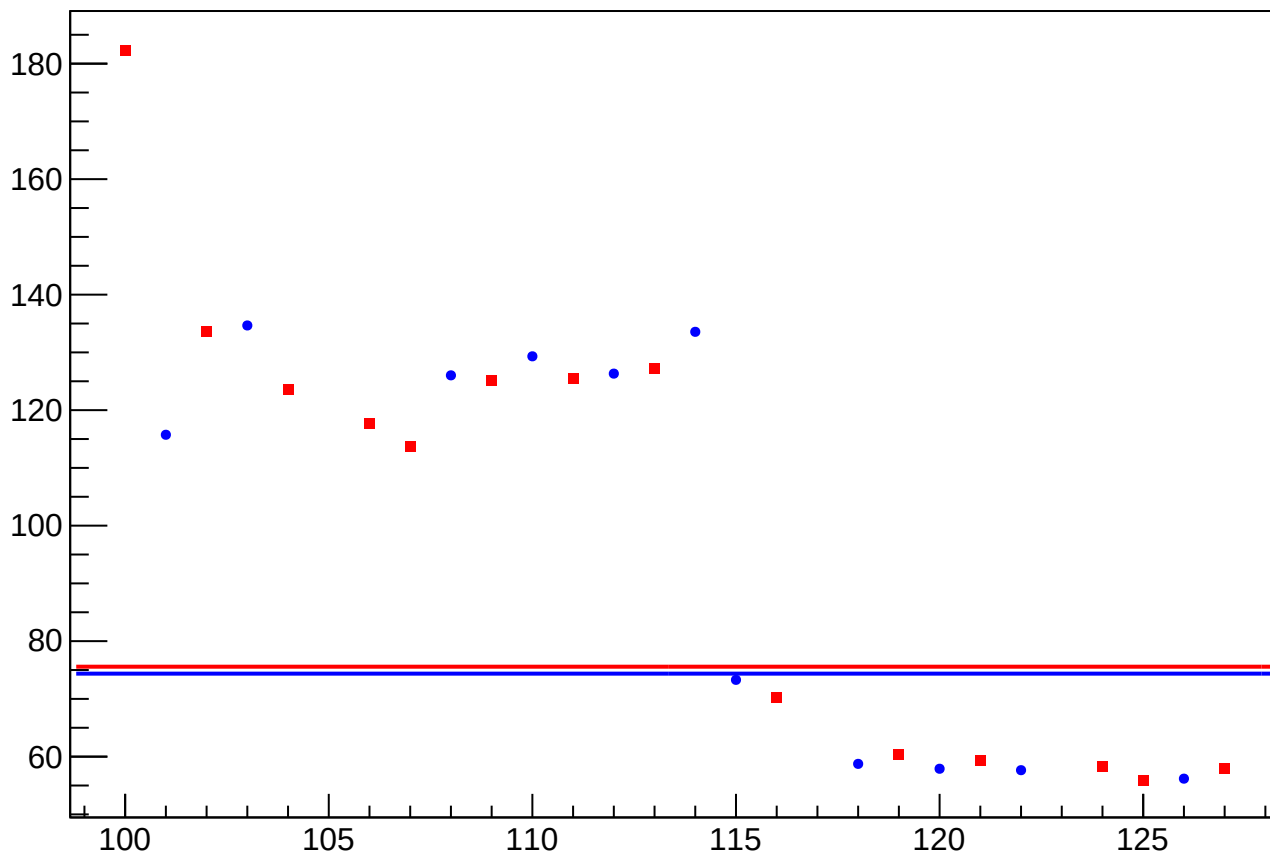
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.984+/-25.635 χ^2/NDF : 33.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_rms vs Slug



Right In: 74.373+/-0.027 χ^2/NDF : 1166772.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.575+/-0.025 χ^2/NDF : 1365851.7/13

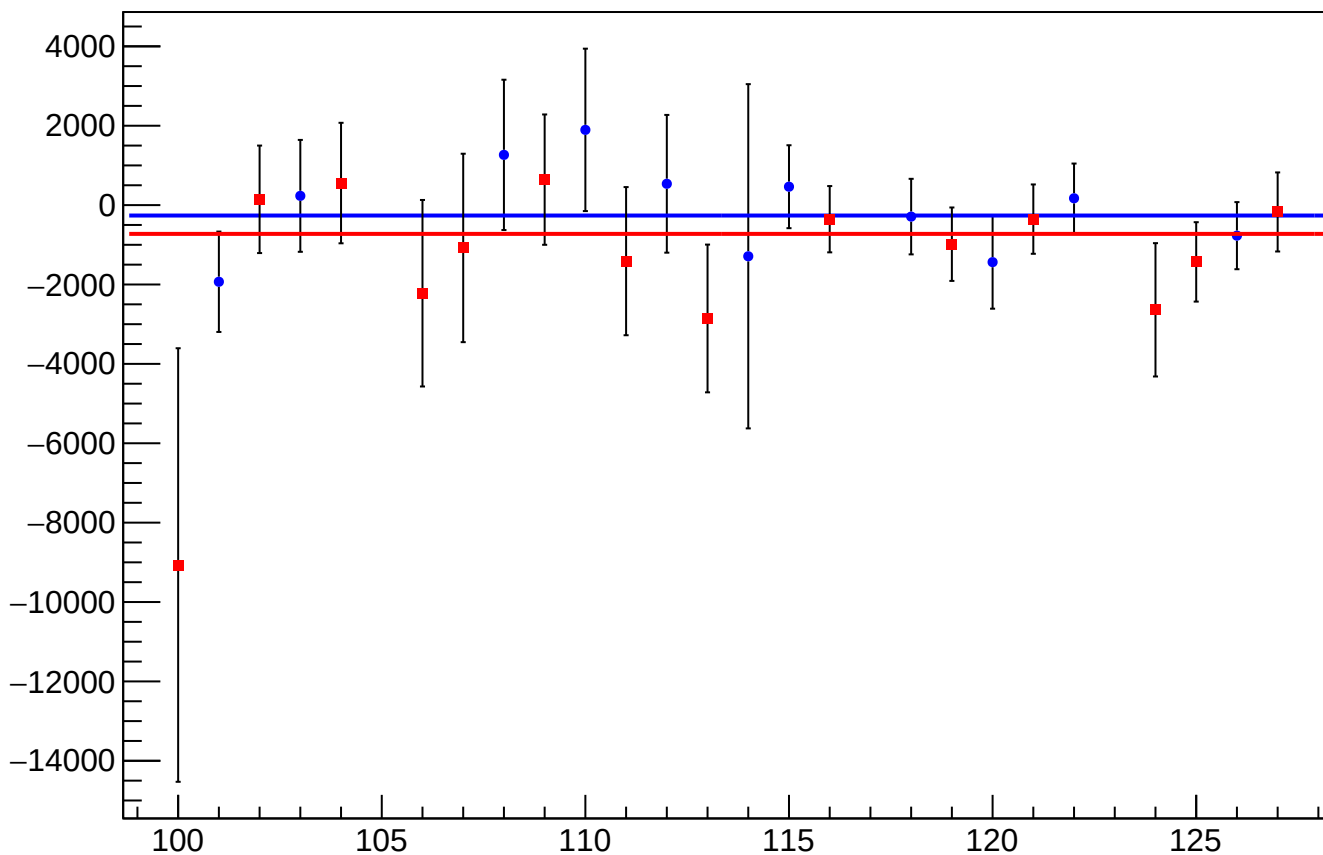
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.024+/-0.018 χ^2/NDF : 2533715.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_reg_correction_mean vs Slug



Right In: -262.461+/-365.506 χ^2/NDF : 6.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -724.986+/-341.118 χ^2/NDF : 8.6/13

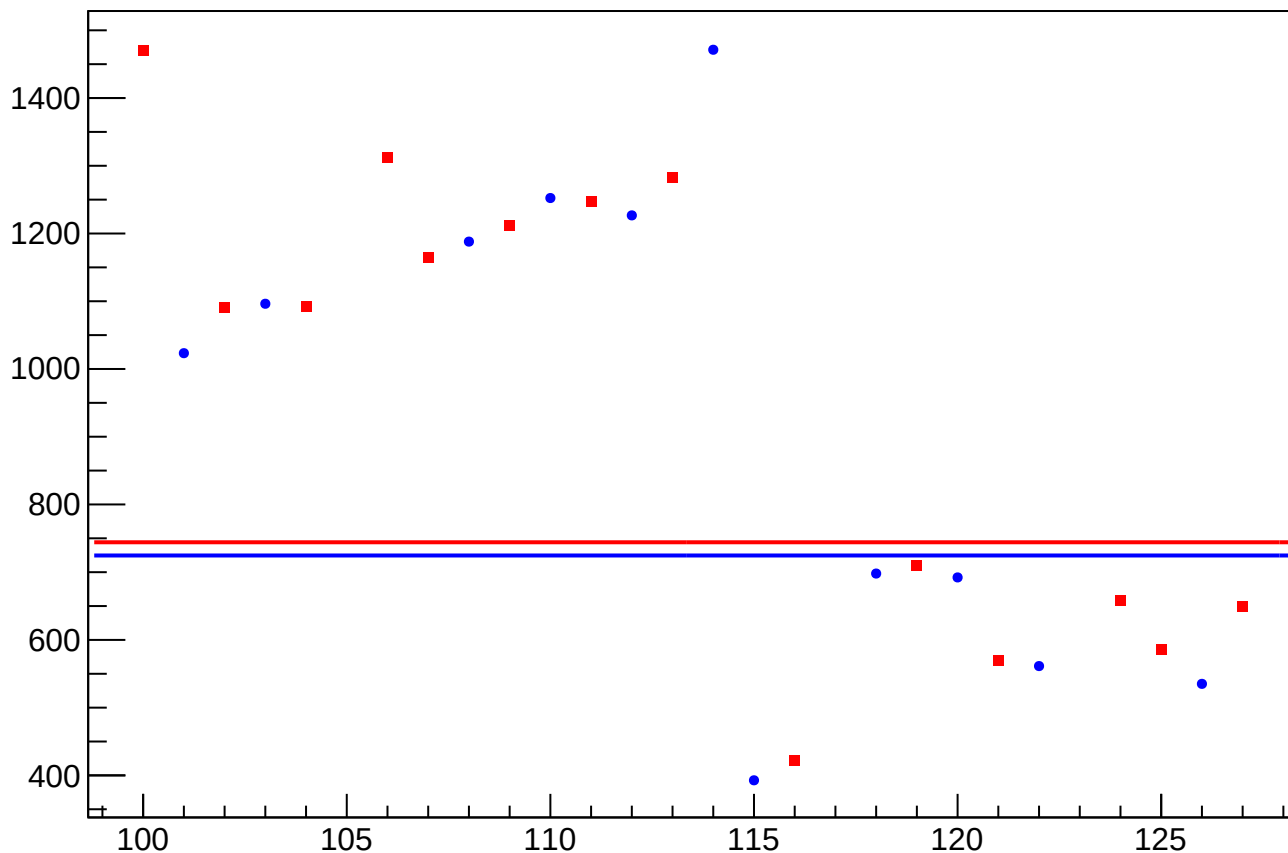
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -509.668+/-249.383 χ^2/NDF : 15.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_reg_correction_rms vs Slug



Right In: 724.645+/-0.258 χ^2/NDF : 1105495.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 744.151+/-0.241 χ^2/NDF : 1380555.8/13

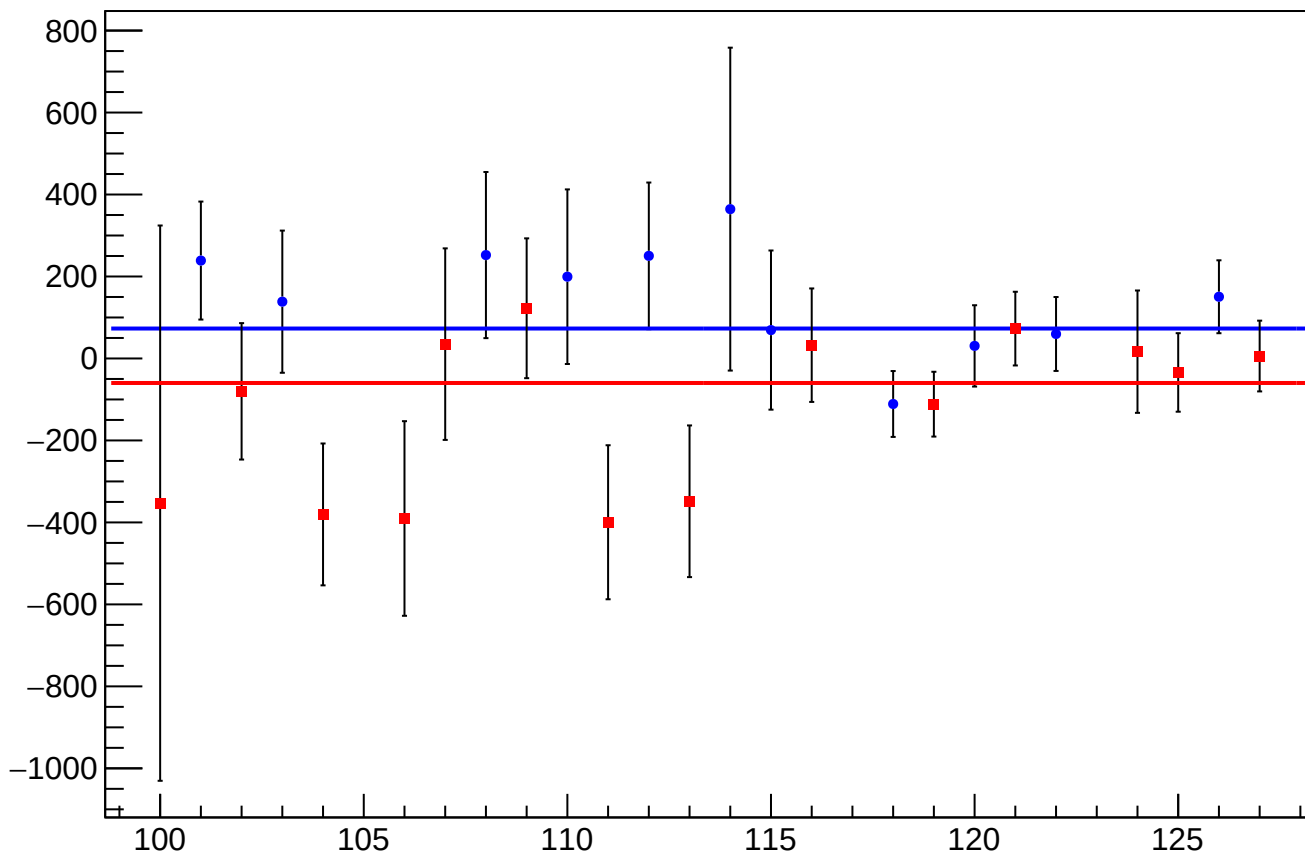
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 735.071+/-0.176 χ^2/NDF : 2489095.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_1526_avg_mean vs Slug



Right In: 73.038+/-37.853 χ^2/NDF : 10.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -59.810+/-34.843 χ^2/NDF : 16.5/13

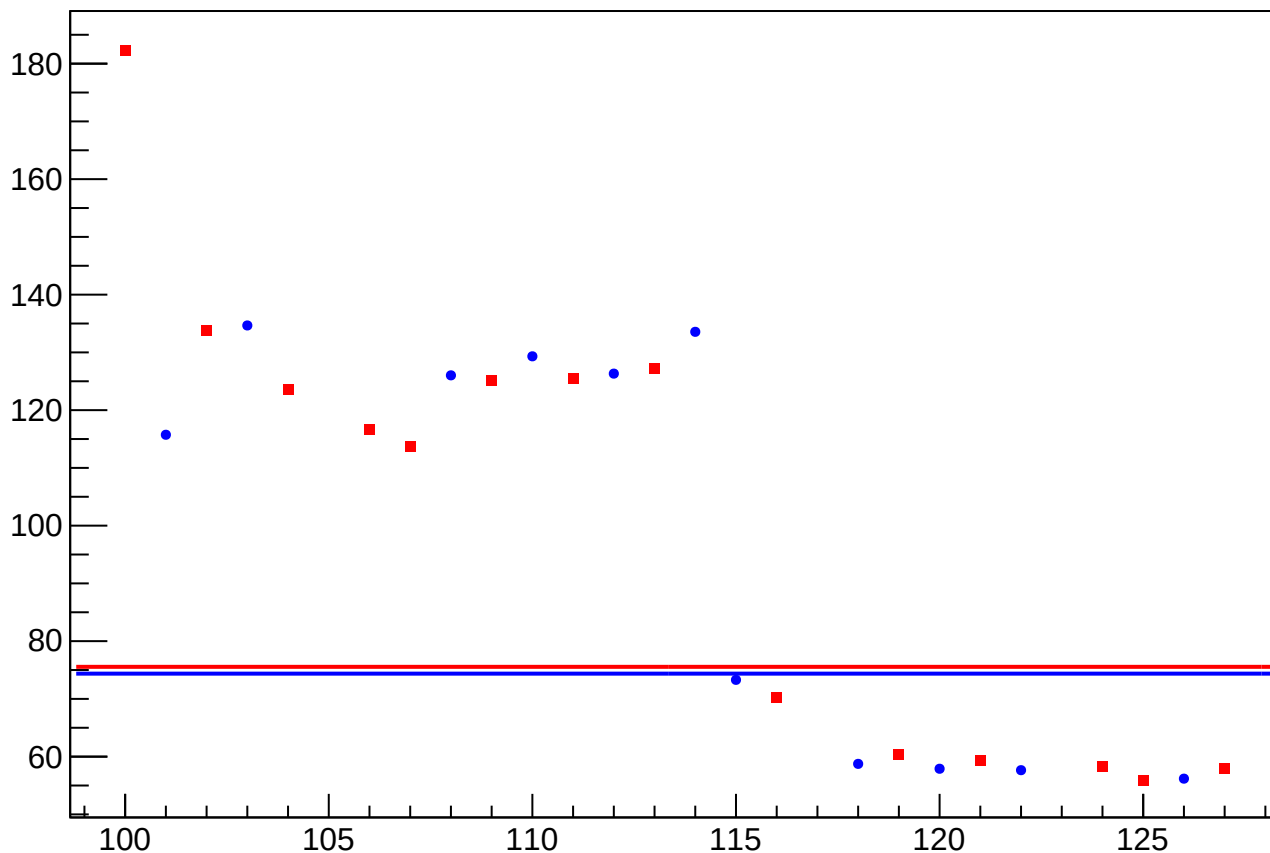
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.123+/-25.636 χ^2/NDF : 33.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_1526_avg_rms vs Slug



Right In: 74.373+/-0.027 χ^2/NDF : 1166774.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.551+/-0.025 χ^2/NDF : 1363053.3/13

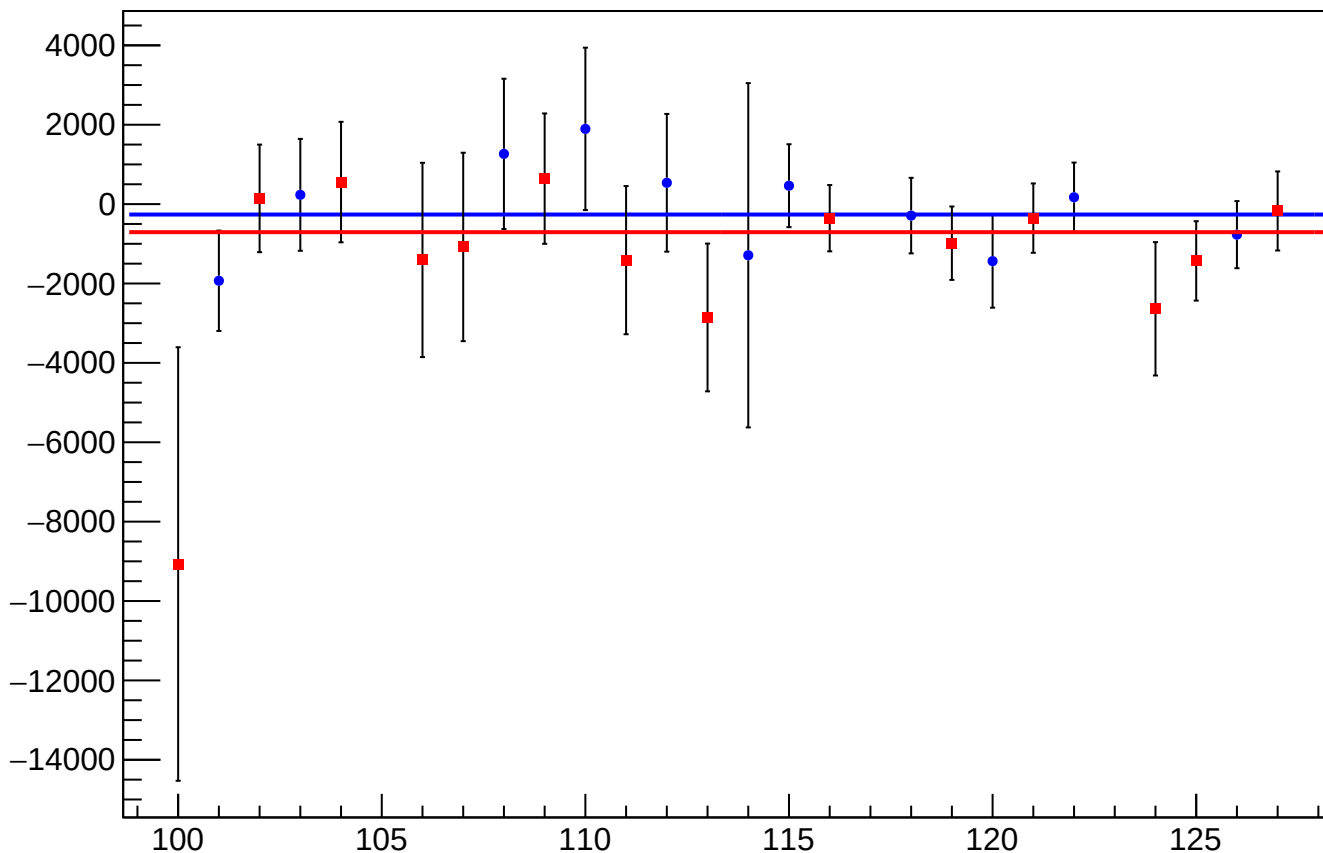
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.011+/-0.018 χ^2/NDF : 2530877.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_cor_correction_mean vs Slug



Right In: -262.423+/-365.507 χ^2 /NDF: 6.0/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -706.903+/-341.416 χ^2 /NDF: 8.3/13

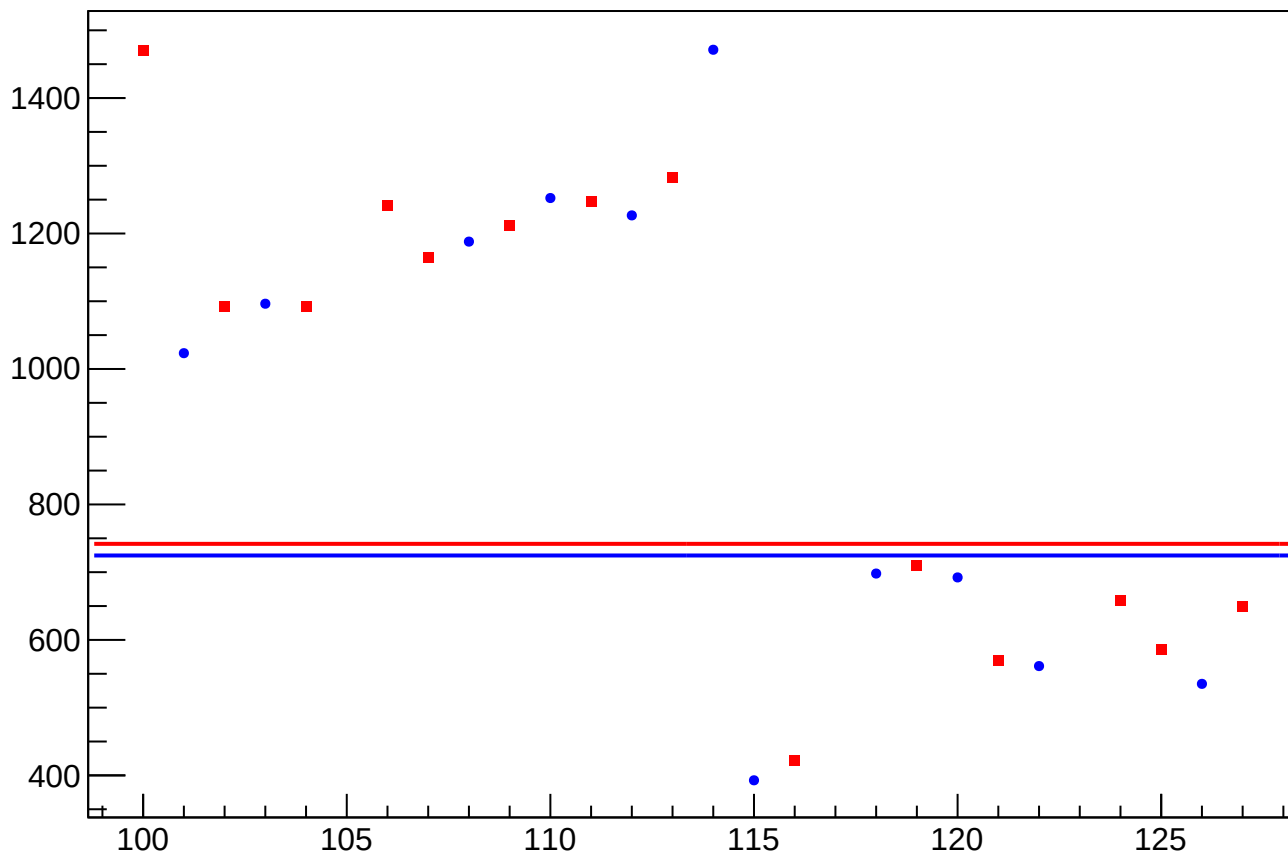
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -499.793+/-249.500 χ^2 /NDF: 15.0/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_cor_correction_rms vs Slug



Right In: 724.646 $\pm$ 0.258 χ^2 /NDF: 1105529.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 741.825 $\pm$ 0.241 χ^2 /NDF: 1346051.5/13

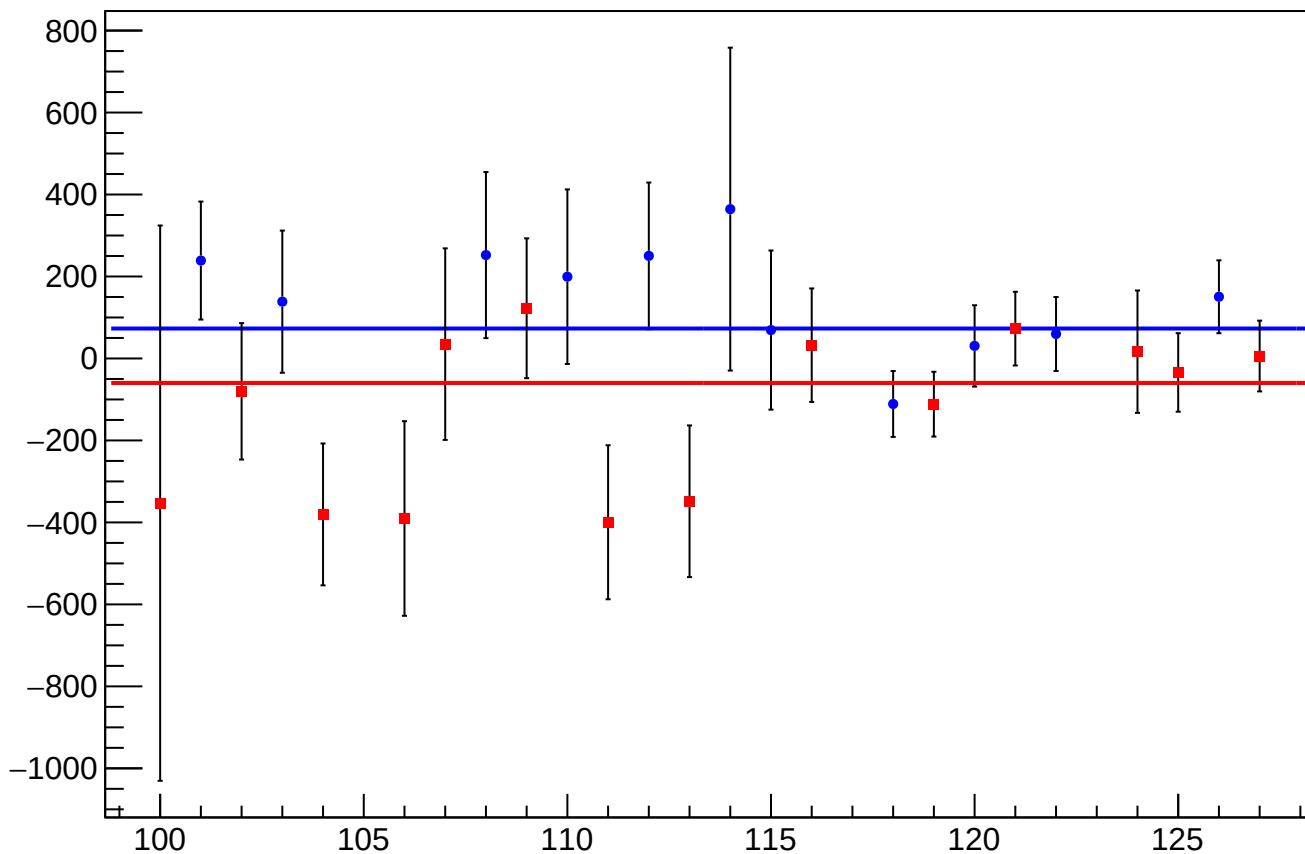
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 733.820 $\pm$ 0.176 χ^2 /NDF: 2453940.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_1526_avg_mean vs Slug



Right In: 73.038+/-37.853 χ^2/NDF : 10.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -59.810+/-34.843 χ^2/NDF : 16.5/13

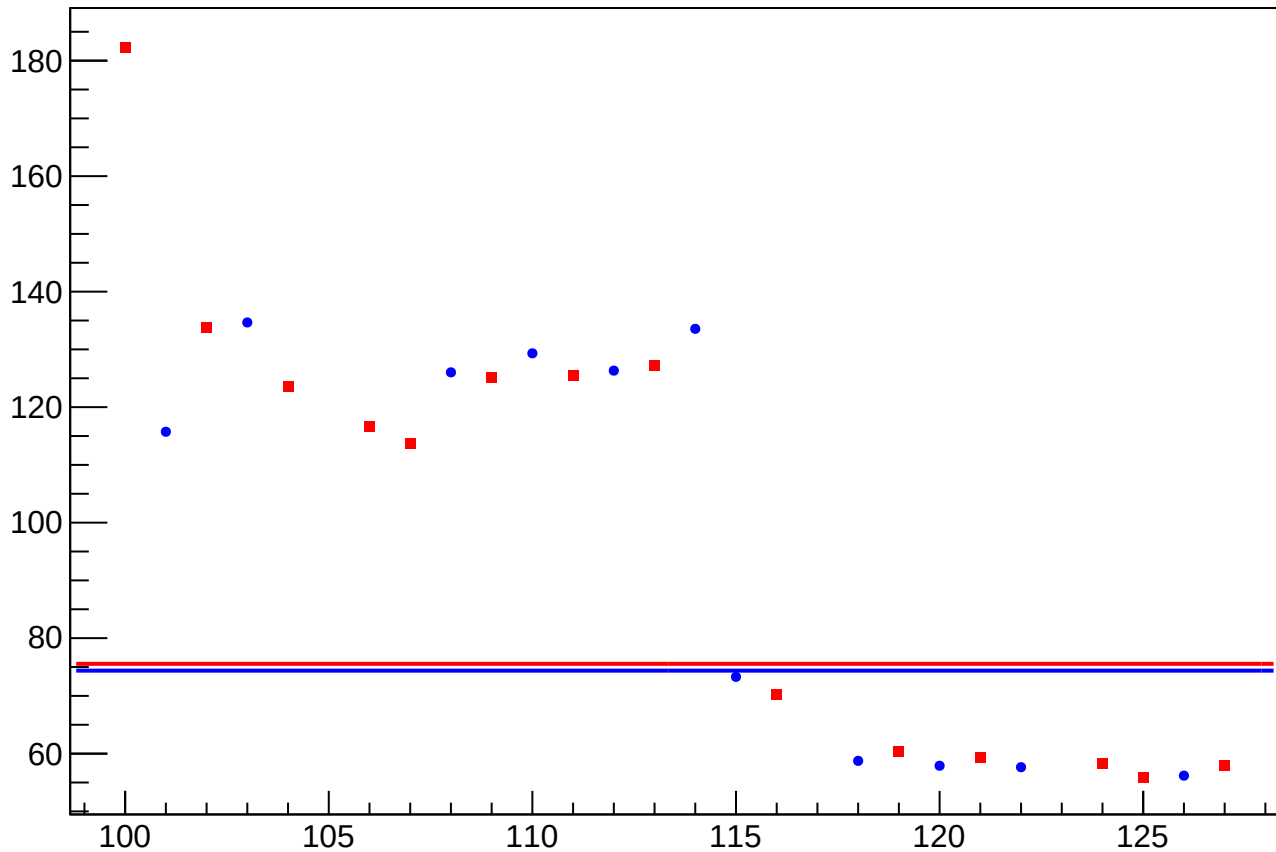
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.123+/-25.636 χ^2/NDF : 33.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_1526_avg_rms vs Slug



Right In: 74.373+/-0.027 χ^2/NDF : 1166774.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.551+/-0.025 χ^2/NDF : 1363053.3/13

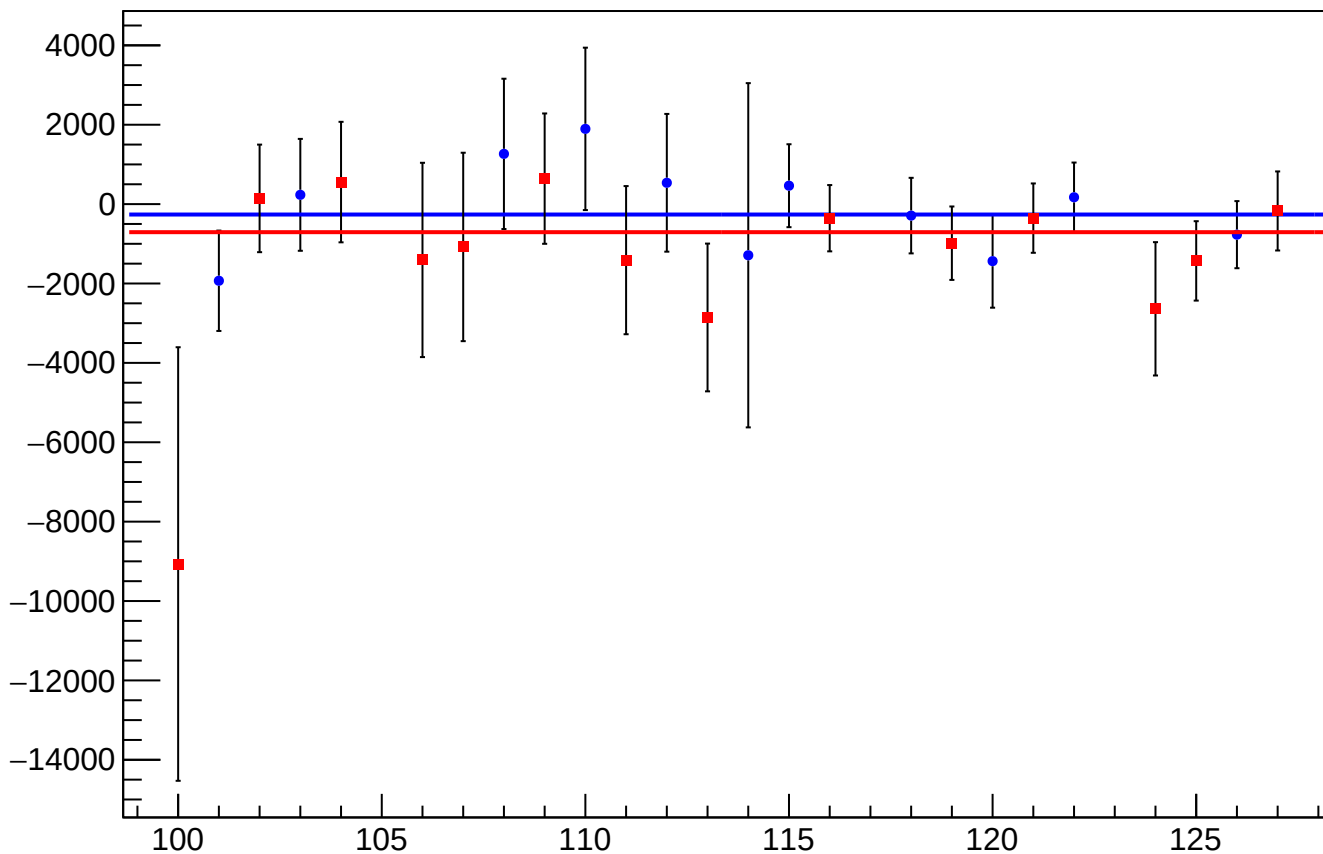
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.011+/-0.018 χ^2/NDF : 2530877.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_eigen_cor_correction_mean vs Slug



Right In: -262.423+/-365.507 χ^2/NDF : 6.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -706.903+/-341.416 χ^2/NDF : 8.3/13

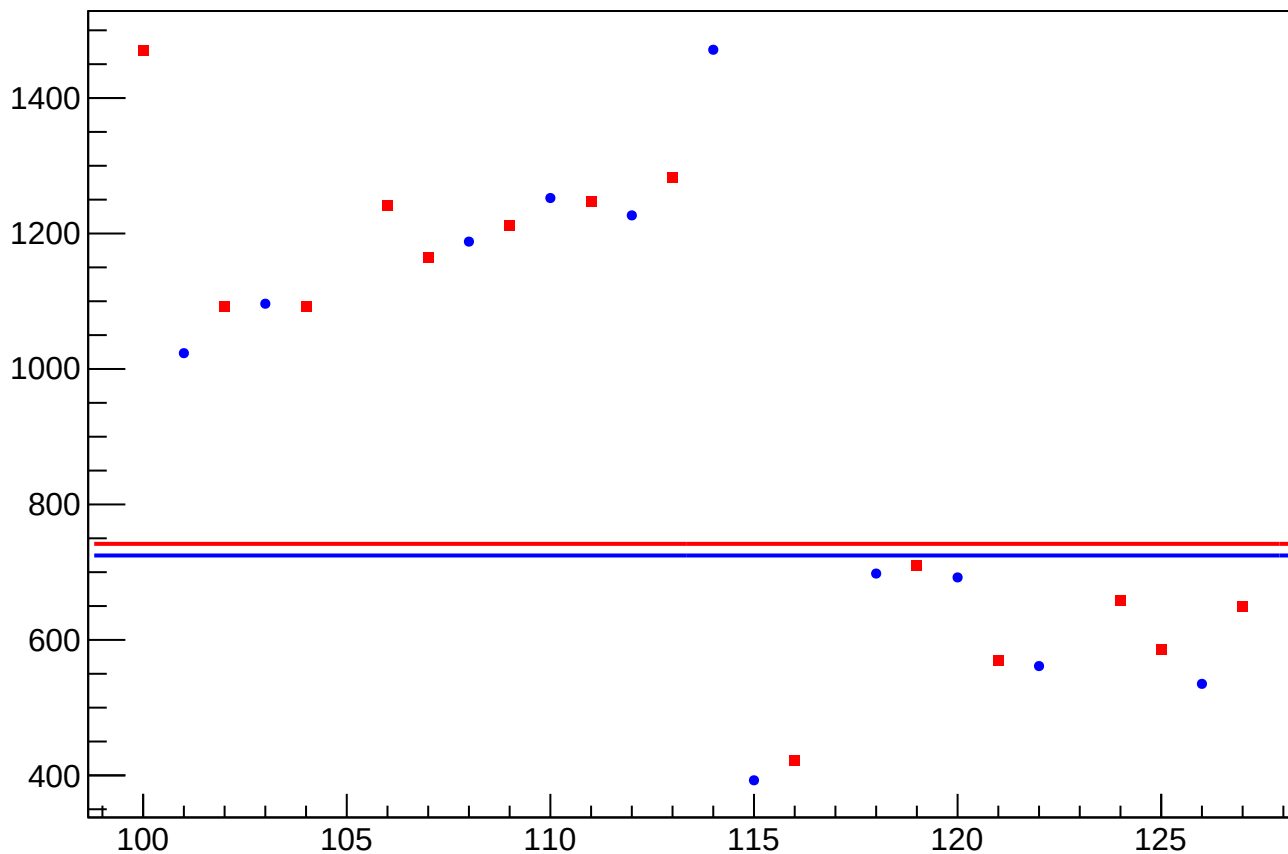
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -499.793+/-249.500 χ^2/NDF : 15.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_eigen_cor_correction_rms vs Slug



Right In: 724.646 $\pm$ 0.258 χ^2 /NDF: 1105529.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 741.825 $\pm$ 0.241 χ^2 /NDF: 1346051.5/13

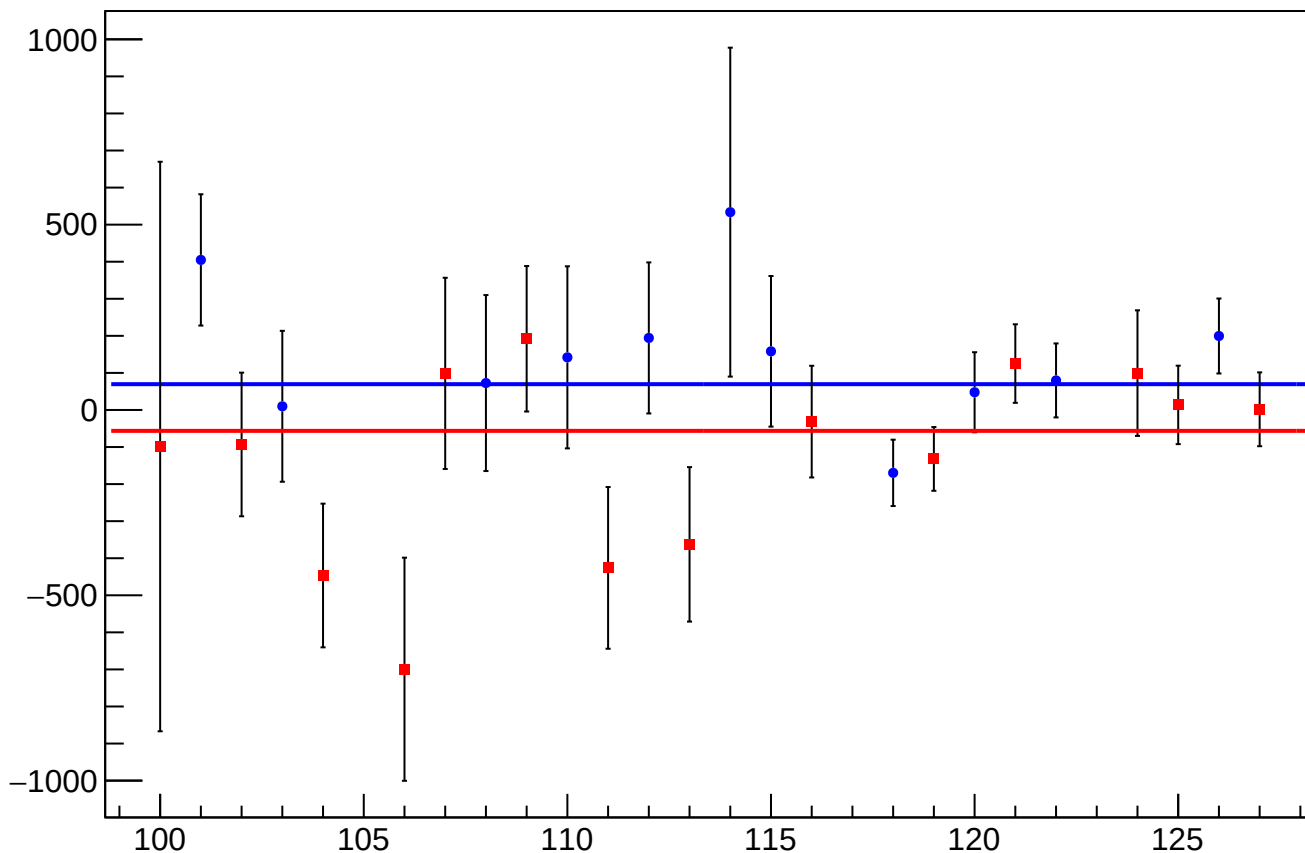
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 733.820 $\pm$ 0.176 χ^2 /NDF: 2453940.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_1526_avg_mean vs Slug



Right In: 69.603 $\pm$ 42.541 χ^2 /NDF: 14.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -56.349 $\pm$ 39.399 χ^2 /NDF: 21.0/13

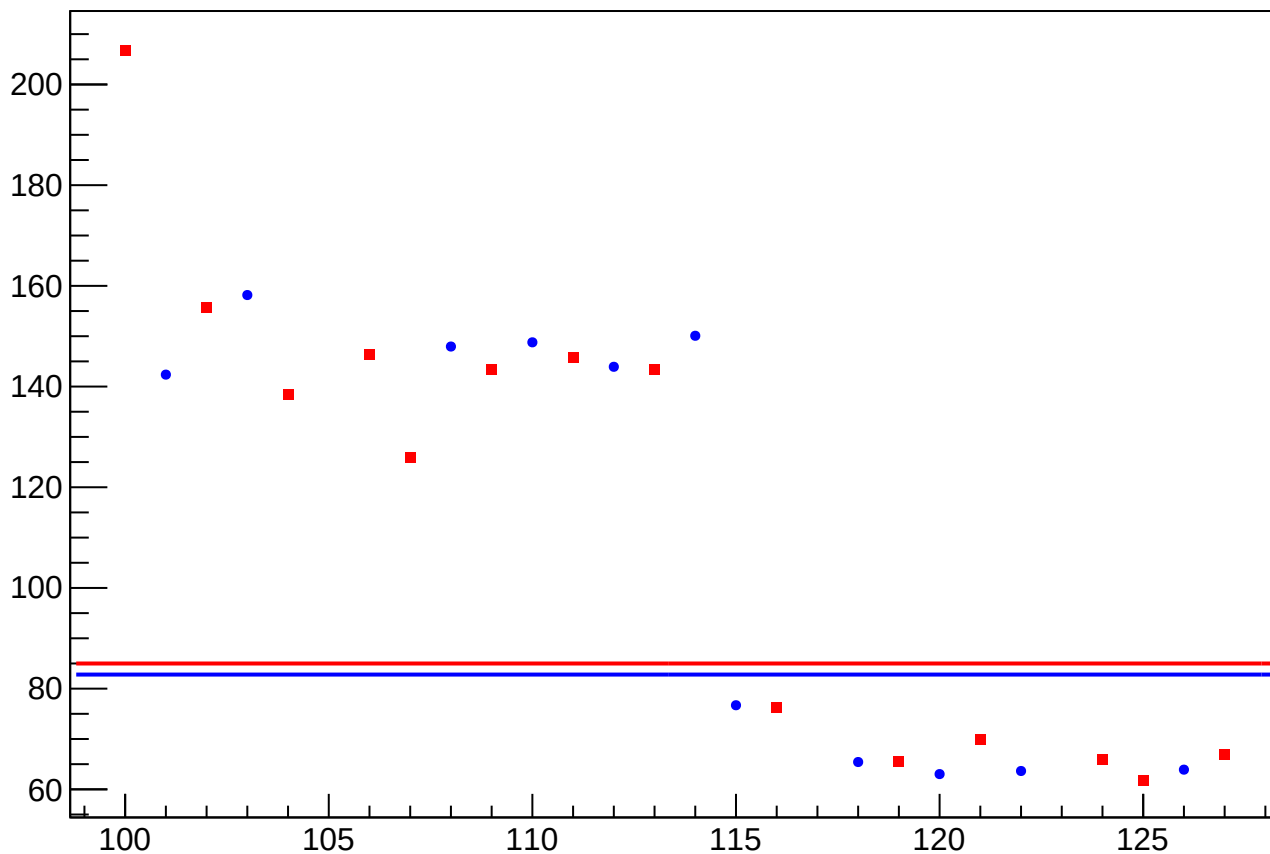
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.804 $\pm$ 28.906 χ^2 /NDF: 40.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_1526_avg_rms vs Slug



Right In: 82.796+/-0.030 χ^2/NDF : 1309041.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.994+/-0.028 χ^2/NDF : 1427928.8/13

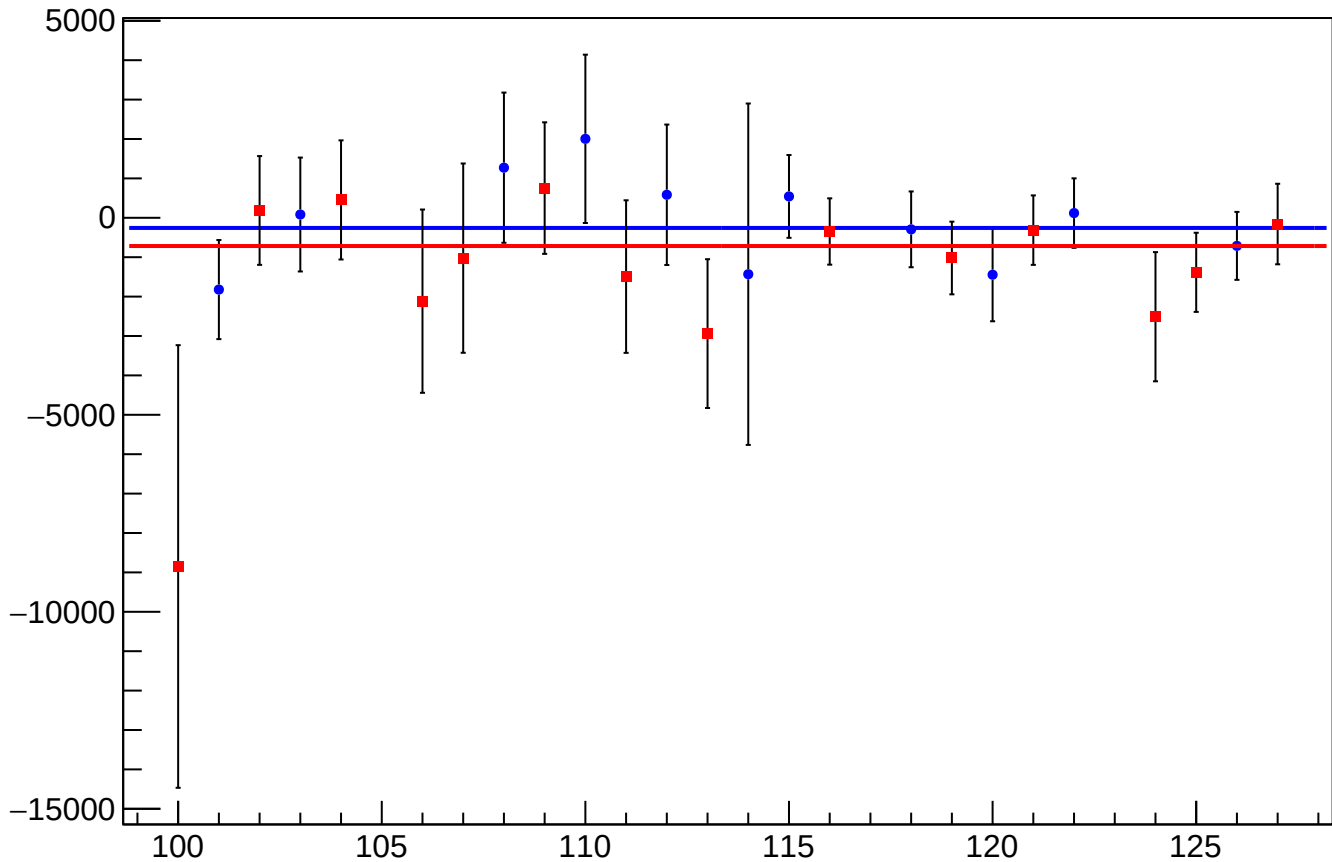
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.979+/-0.020 χ^2/NDF : 2739844.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_dit_correction_mean vs Slug



Right In: -257.350+/-369.884 χ^2 /NDF: 5.7/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -716.310+/-343.939 χ^2 /NDF: 8.3/13

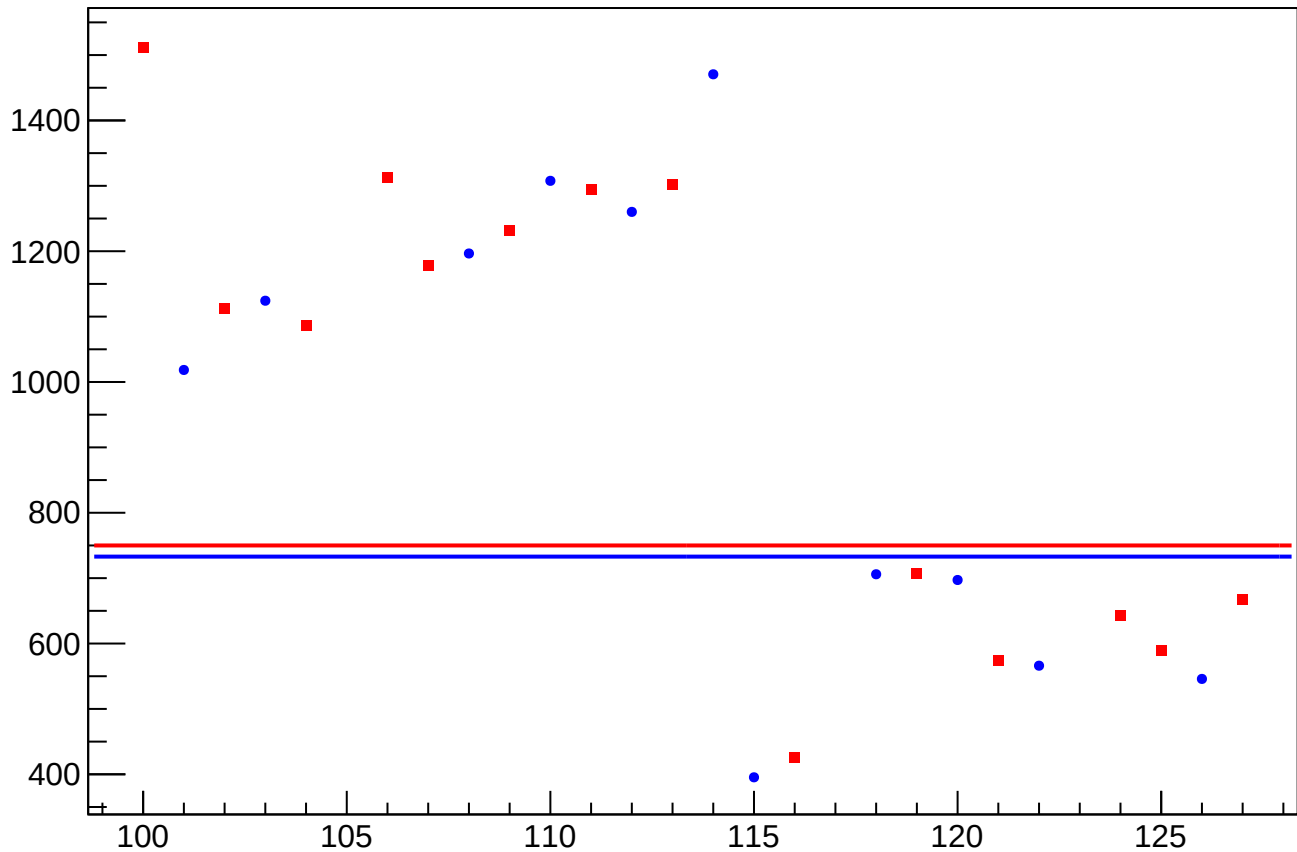
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -503.490+/-251.875 χ^2 /NDF: 14.8/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_dit_correction_rms vs Slug



Right In: 732.944+/-0.262 χ^2/NDF : 1121425.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 749.987+/-0.243 χ^2/NDF : 1404887.7/13

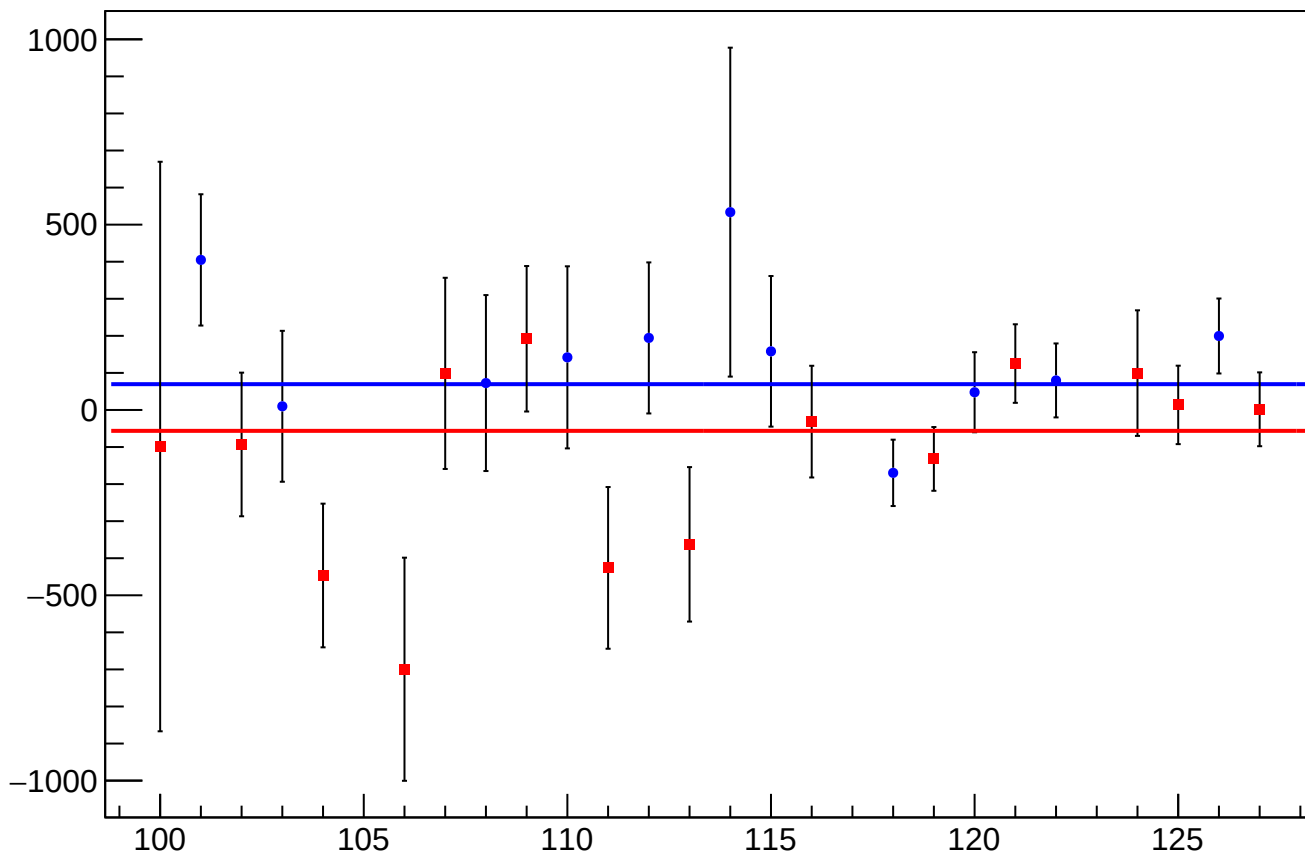
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 742.084+/-0.178 χ^2/NDF : 2528590.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1526_avg_mean vs Slug



Right In: 69.604+/-42.541 χ^2/NDF : 14.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -56.349+/-39.399 χ^2/NDF : 21.0/13

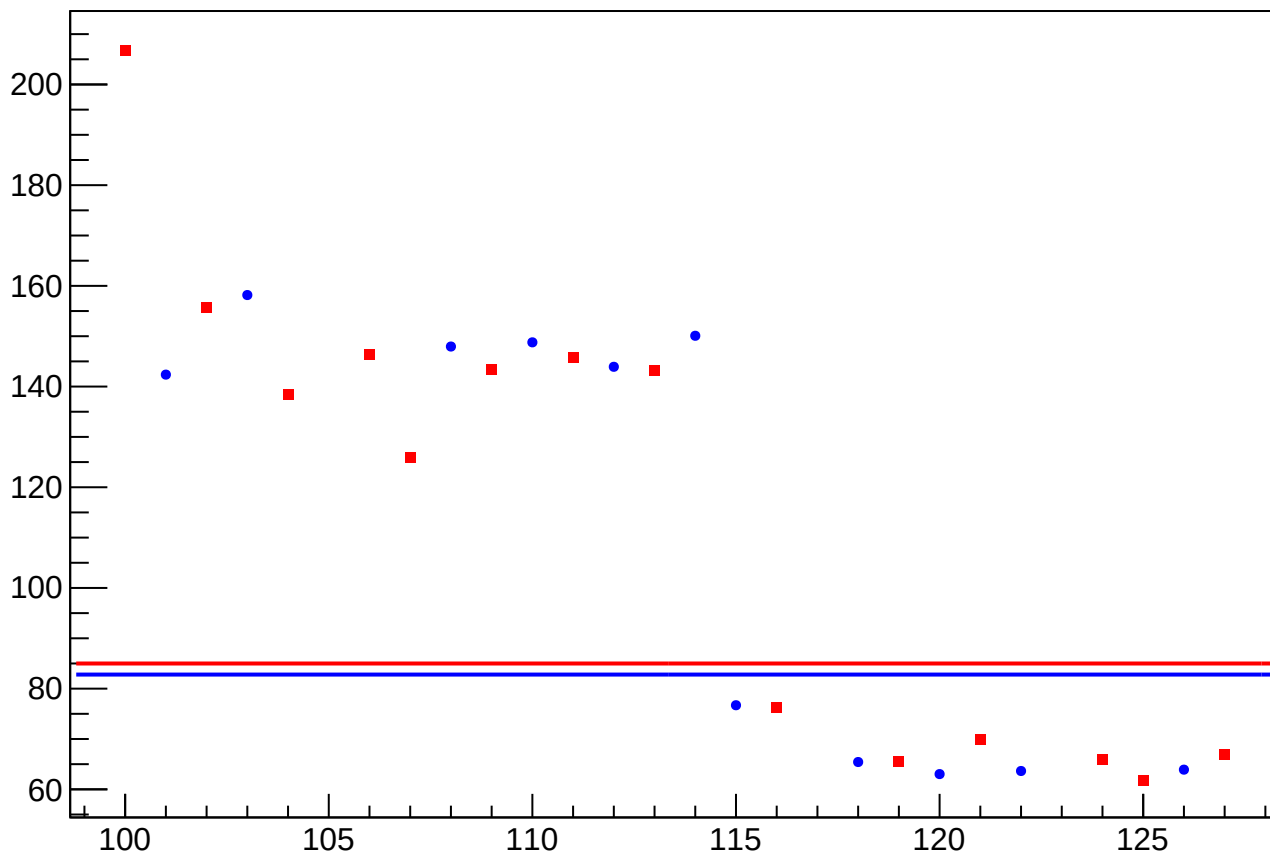
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.804+/-28.906 χ^2/NDF : 40.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1526_avg_rms vs Slug



Right In: 82.796+/-0.030 χ^2/NDF : 1309030.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.994+/-0.028 χ^2/NDF : 1427920.5/13

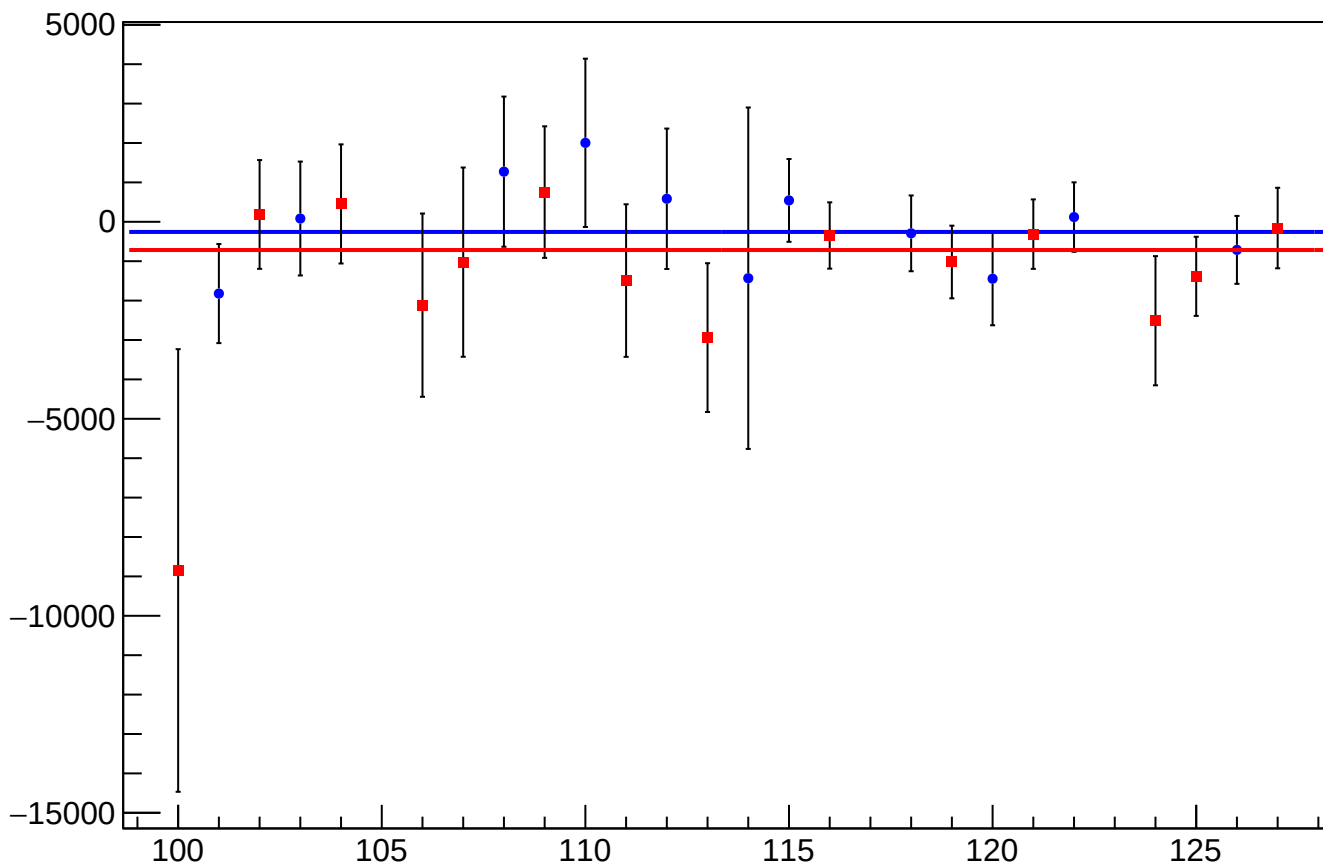
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.979+/-0.020 χ^2/NDF : 2739825.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_eigen_dit_correction_mean vs Slug



Right In: -257.350+/-369.884 χ^2 /NDF: 5.7/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -716.310+/-343.938 χ^2 /NDF: 8.3/13

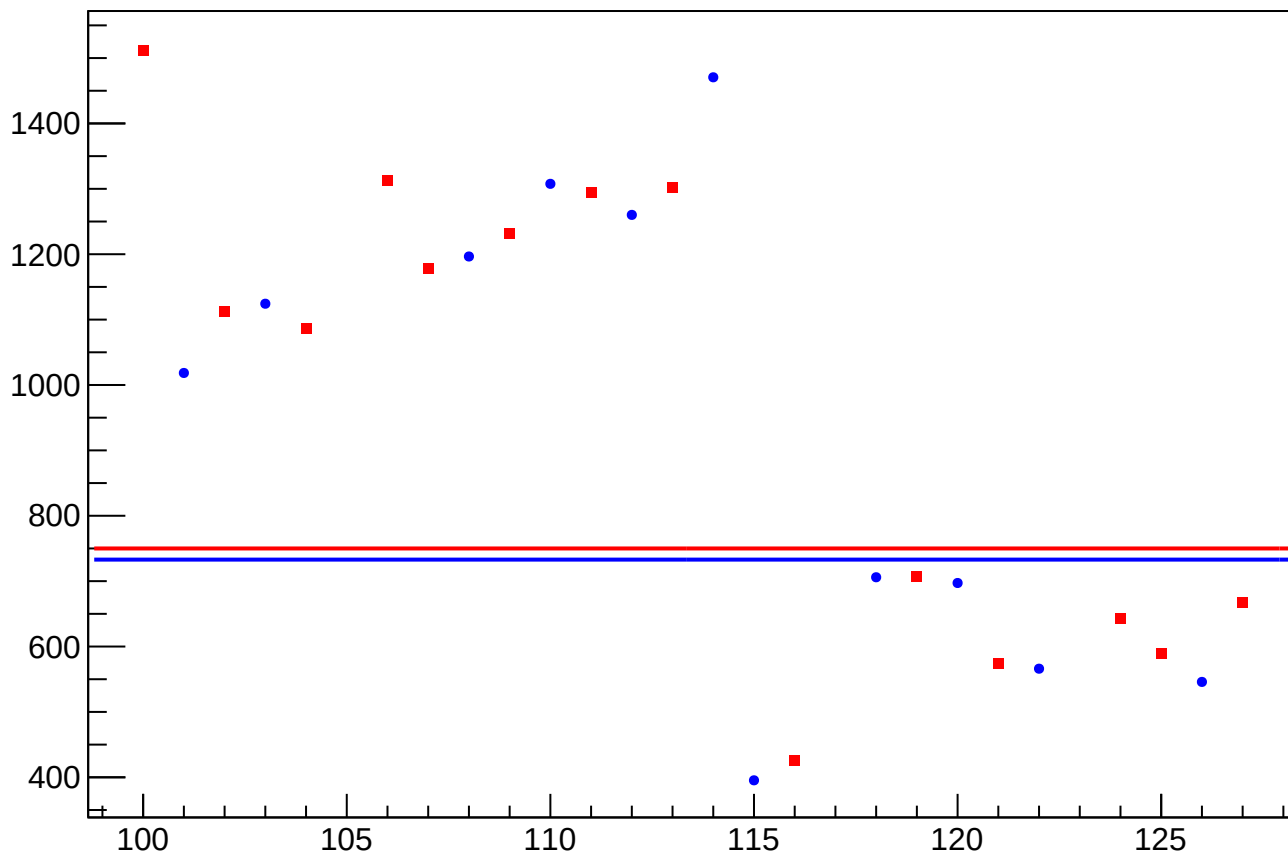
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -503.490+/-251.874 χ^2 /NDF: 14.8/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_eigen_dit_correction_rms vs Slug



Right In: 732.944+/-0.262 χ^2/NDF : 1121412.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 749.986+/-0.243 χ^2/NDF : 1404874.2/13

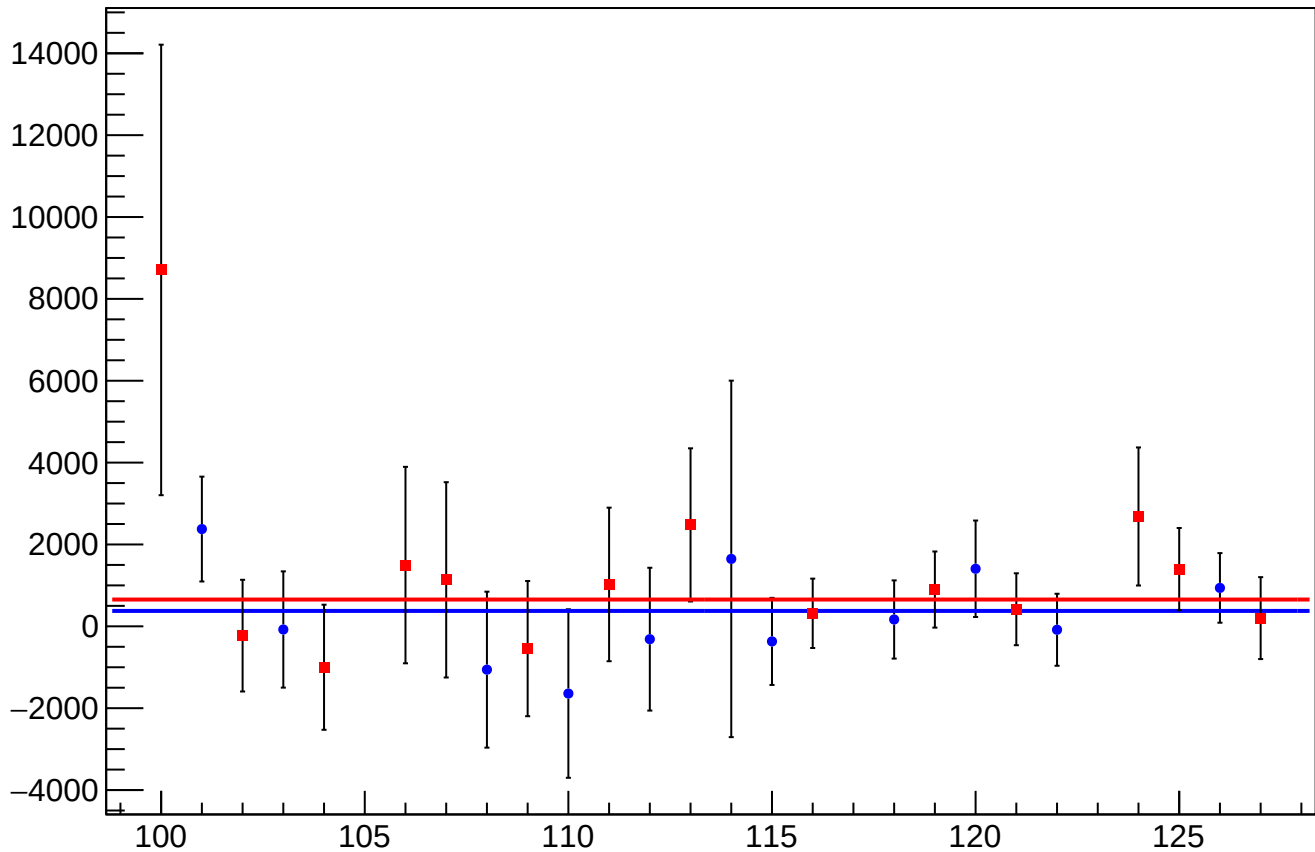
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 742.084+/-0.178 χ^2/NDF : 2528563.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_mean vs Slug



Right In: 376.261+/-368.260 χ^2/NDF : 6.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 654.775+/-343.635 χ^2/NDF : 7.9/13

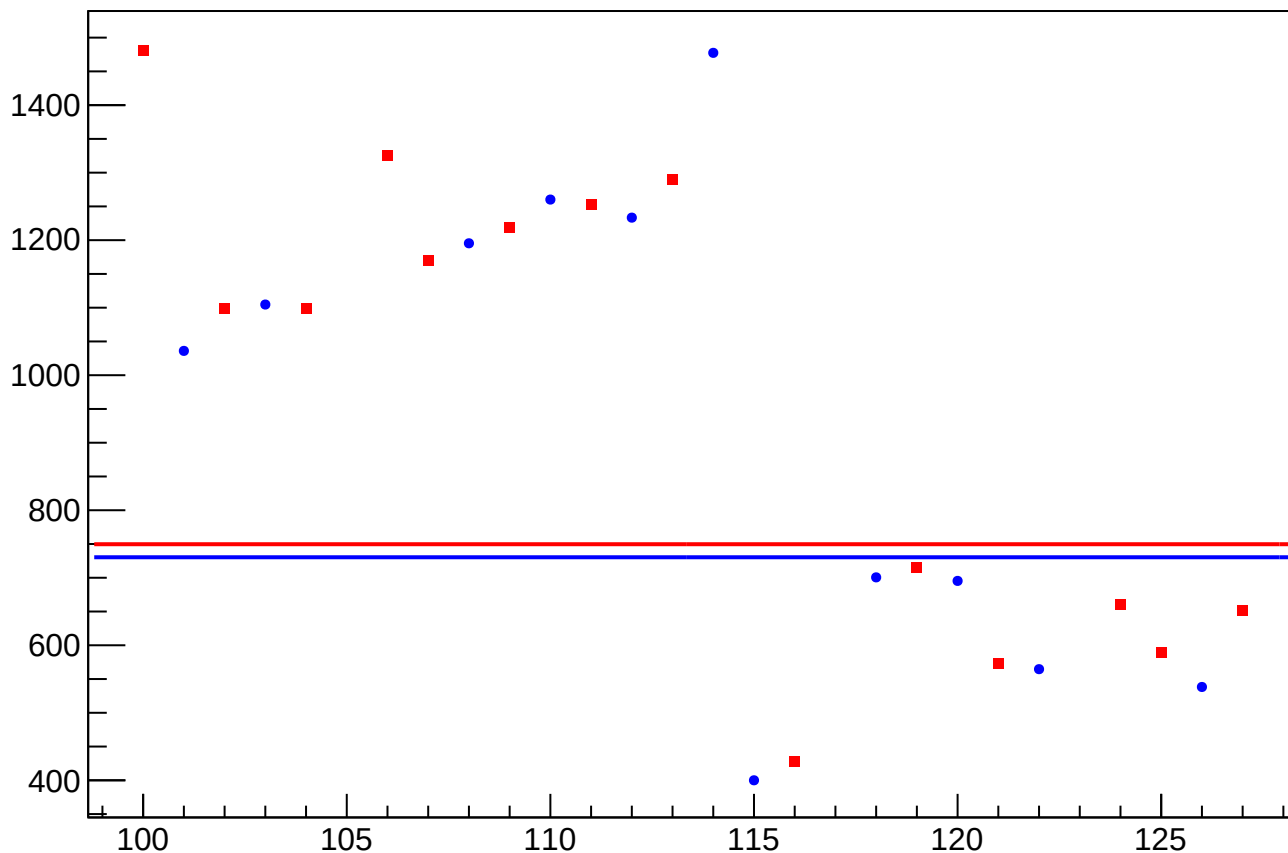
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 525.140+/-251.241 χ^2/NDF : 14.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_rms vs Slug



Right In: 730.357+/-0.260 χ^2/NDF : 1099396.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 749.676+/-0.243 χ^2/NDF : 1367819.6/13

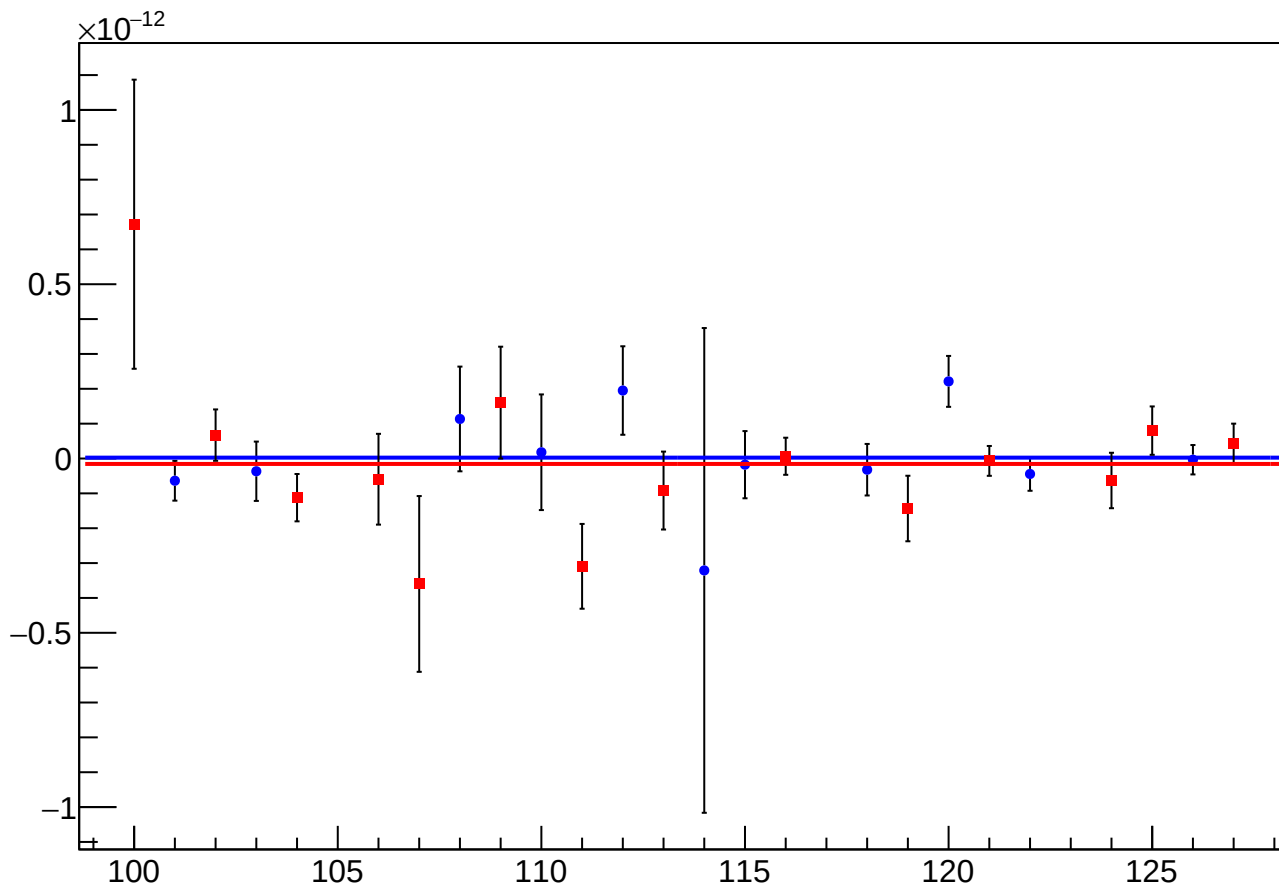
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 740.684+/-0.178 χ^2/NDF : 2470158.4/24

- 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 $\pm$ 0.000 χ^2 /NDF: 14.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 20.9/13

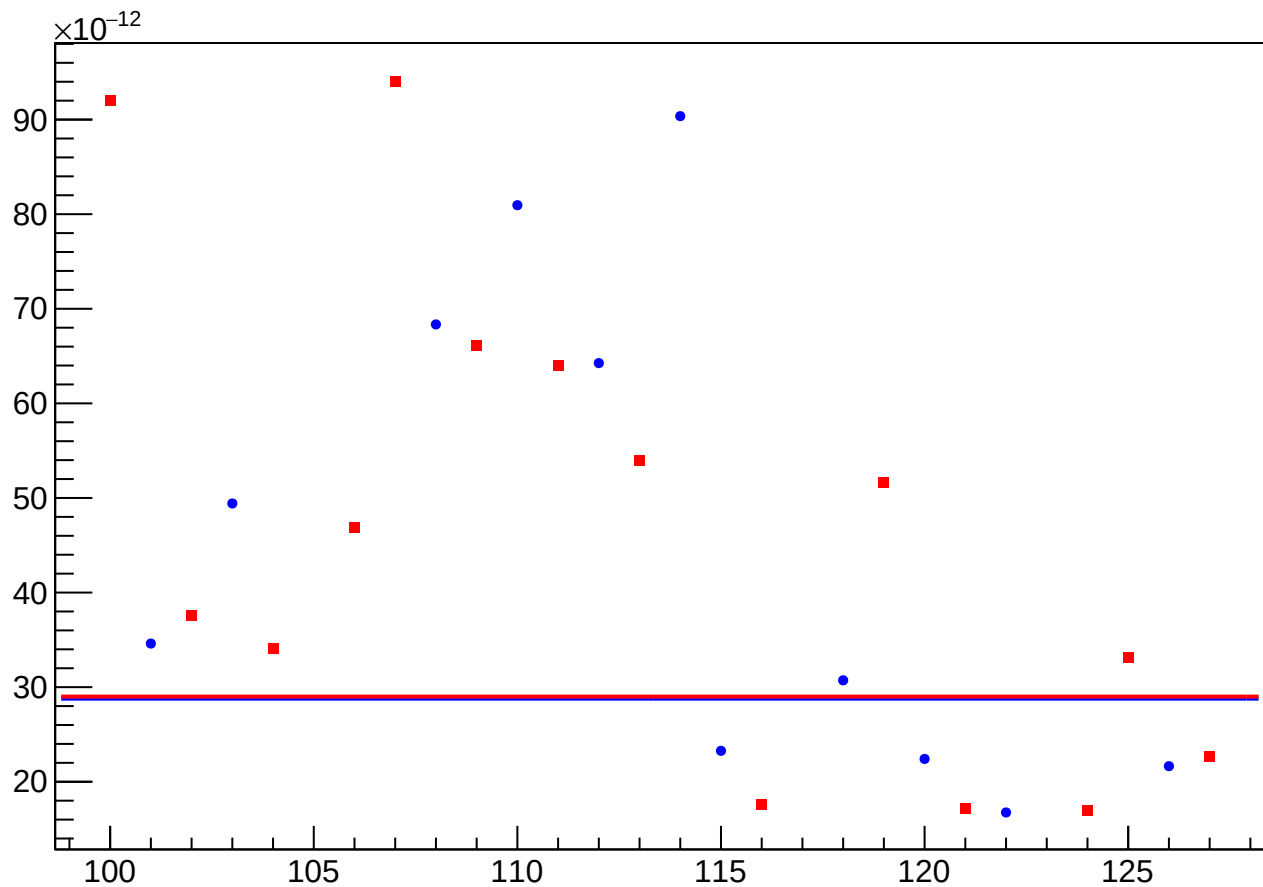
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 36.1/24

- sign 0.000 $\pm$ 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 : 851684.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1065548.0/13

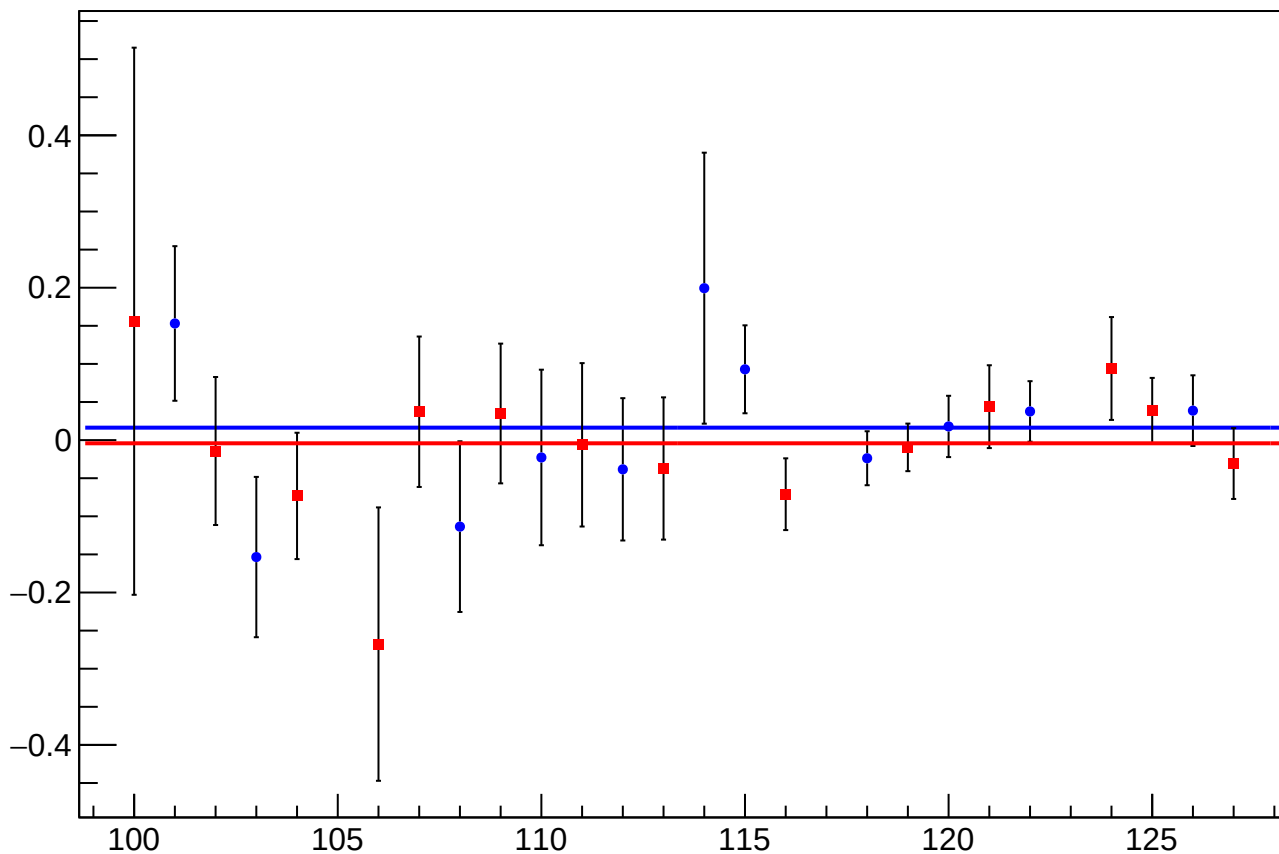
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1917337.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.016 $\pm$ 0.017 χ^2 /NDF: 10.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.016 χ^2 /NDF: 9.8/13

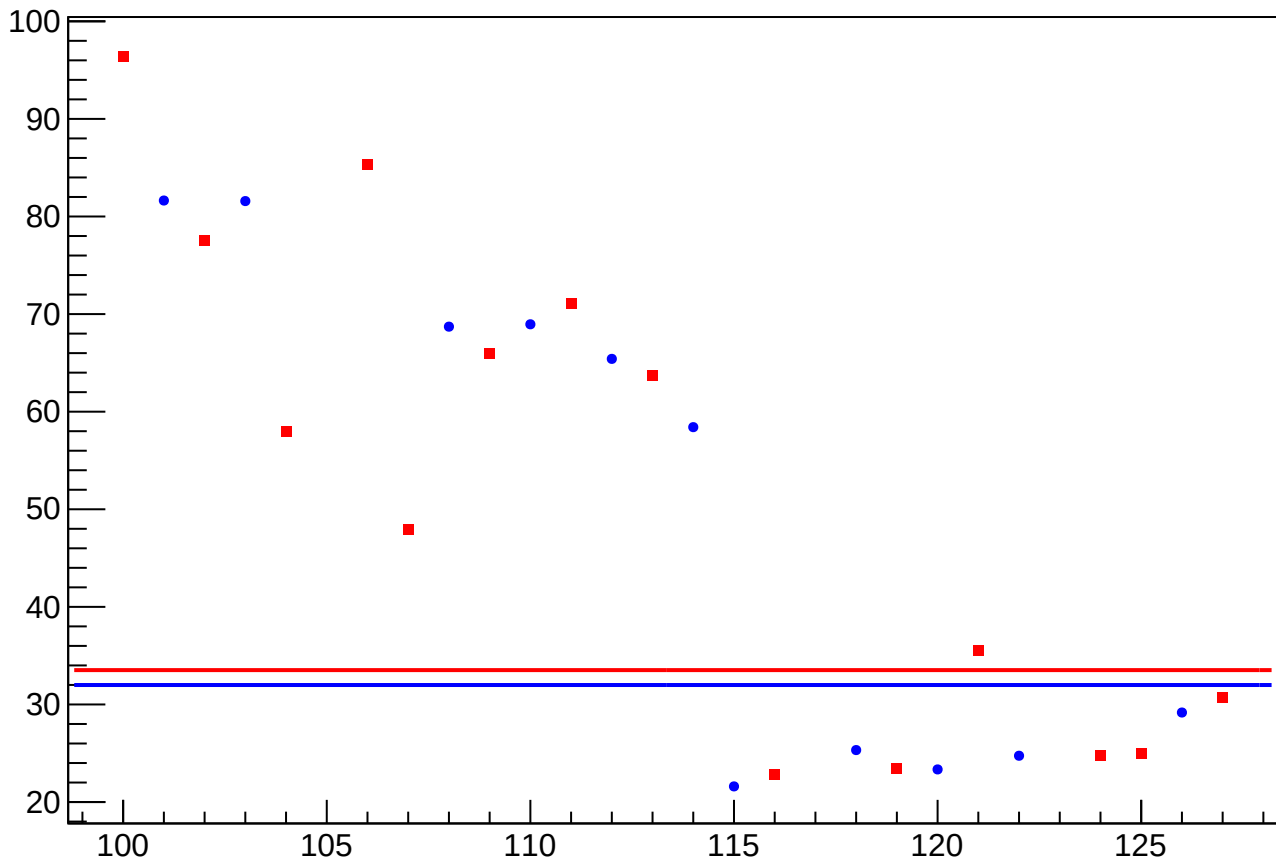
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.005 $\pm$ 0.012 χ^2 /NDF: 21.4/24

- 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: 31.993+/-0.012 χ^2/NDF : 1946498.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.520+/-0.012 χ^2/NDF : 1995564.6/13

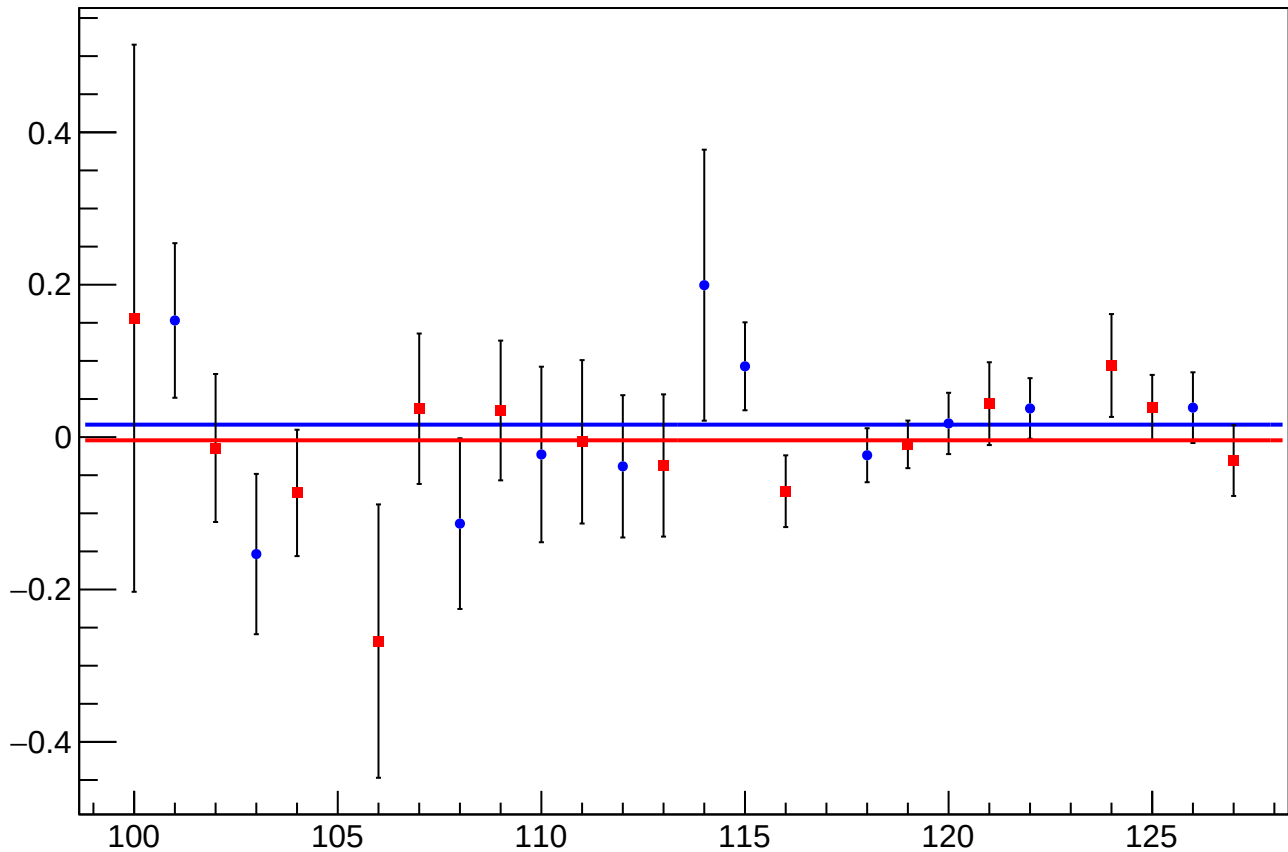
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.805+/-0.008 χ^2/NDF : 3950262.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.016 $\pm$ 0.017 χ^2 /NDF: 10.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.016 χ^2 /NDF: 9.8/13

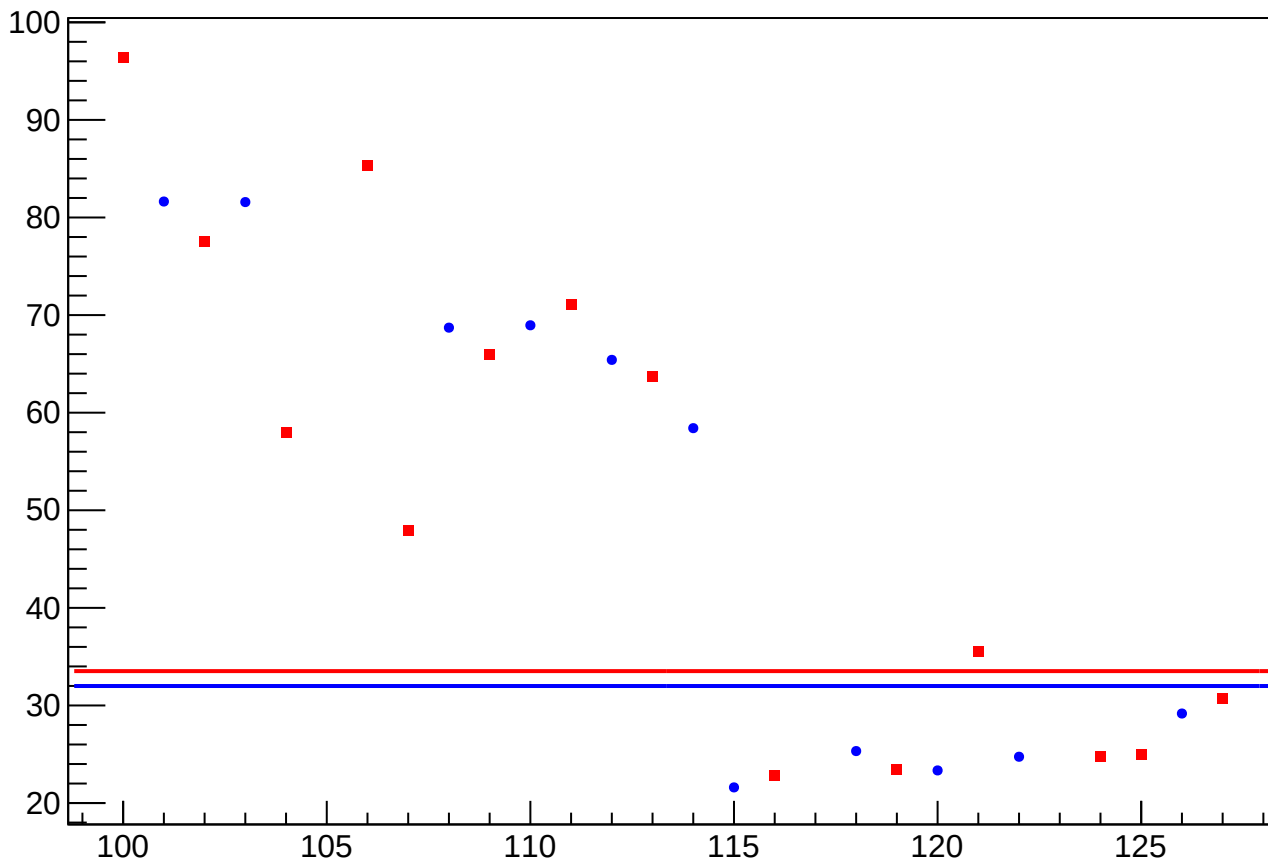
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.005 $\pm$ 0.012 χ^2 /NDF: 21.4/24

- 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: 31.993 ± 0.012 χ^2/NDF : 1946498.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 33.520 ± 0.012 χ^2/NDF : 1995564.6/13

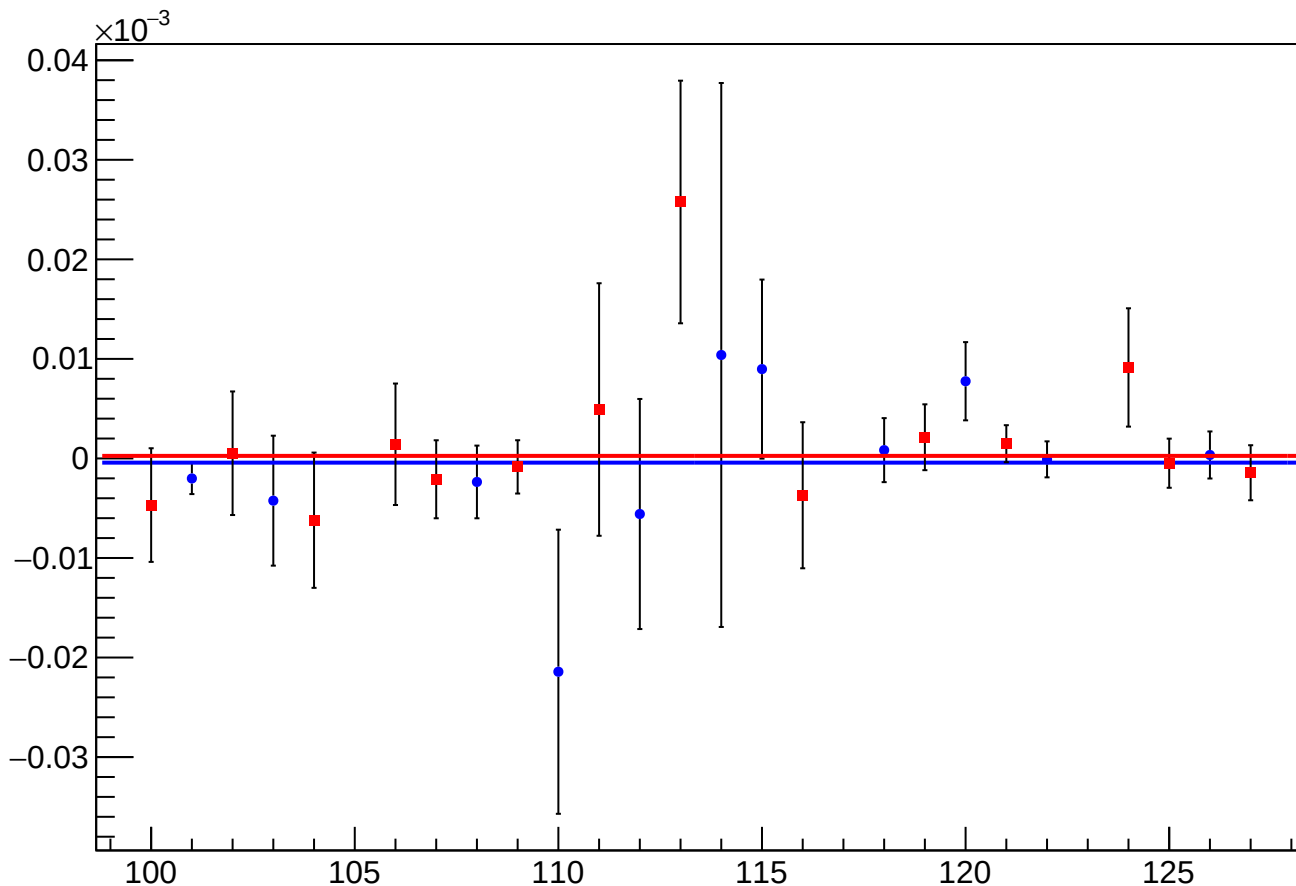
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 32.805 ± 0.008 χ^2/NDF : 3950262.6/24

- sign 0.000 ± 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 : 9.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.5/13

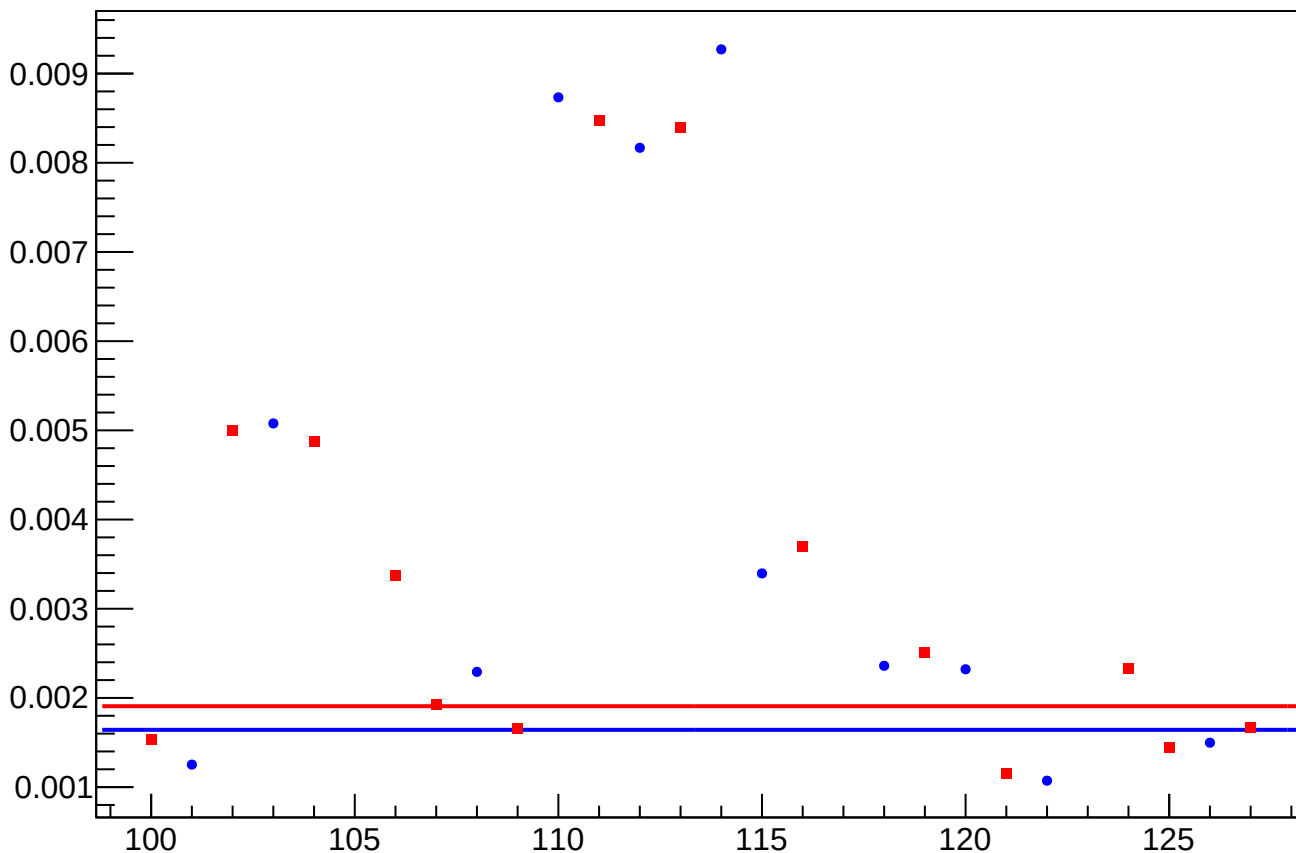
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.6/24

- 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 : 2470001.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2729046.4/13

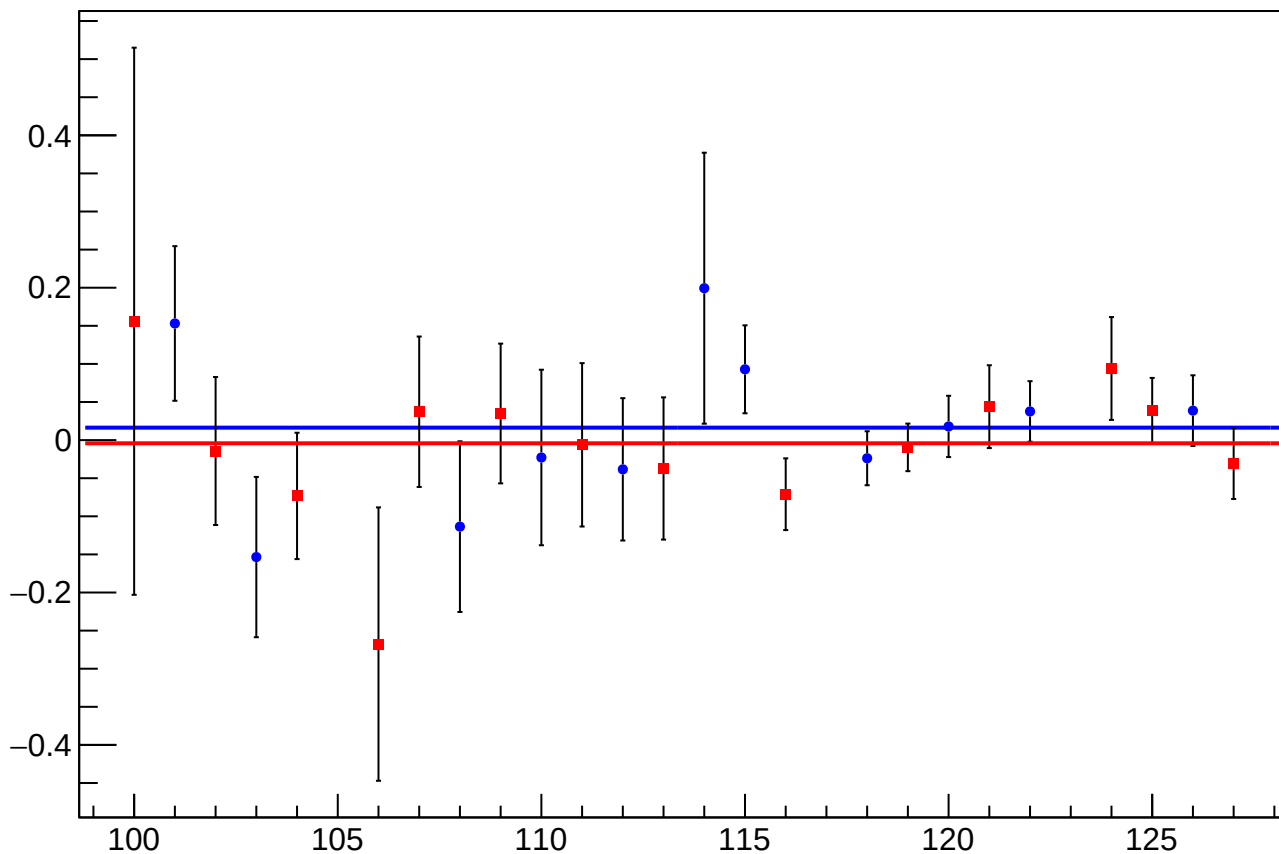
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5276734.8/24

- 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: 0.016 $\pm$ 0.017 χ^2 /NDF: 10.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.016 χ^2 /NDF: 9.8/13

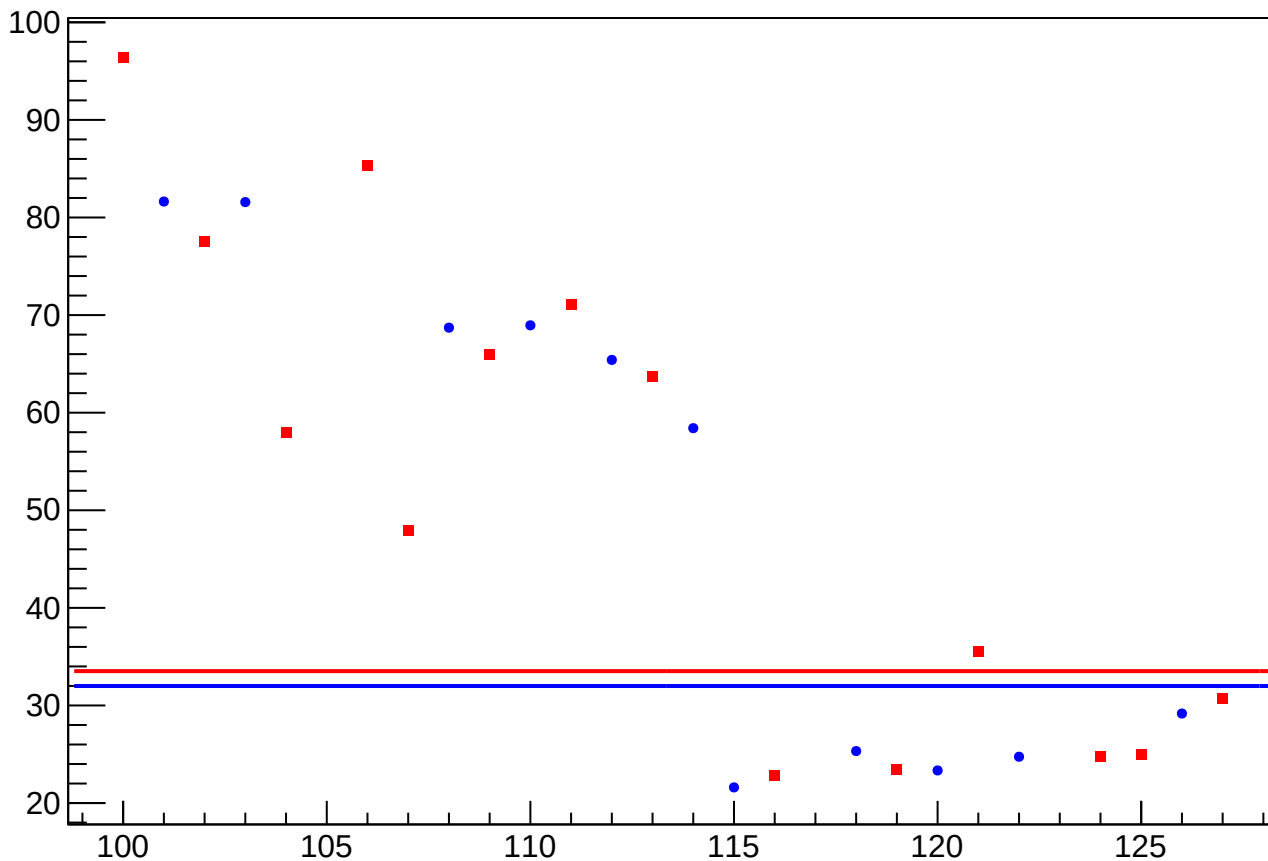
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.005 $\pm$ 0.012 χ^2 /NDF: 21.4/24

- 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: 31.993+/-0.012 χ^2/NDF : 1946432.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.520+/-0.012 χ^2/NDF : 1995504.2/13

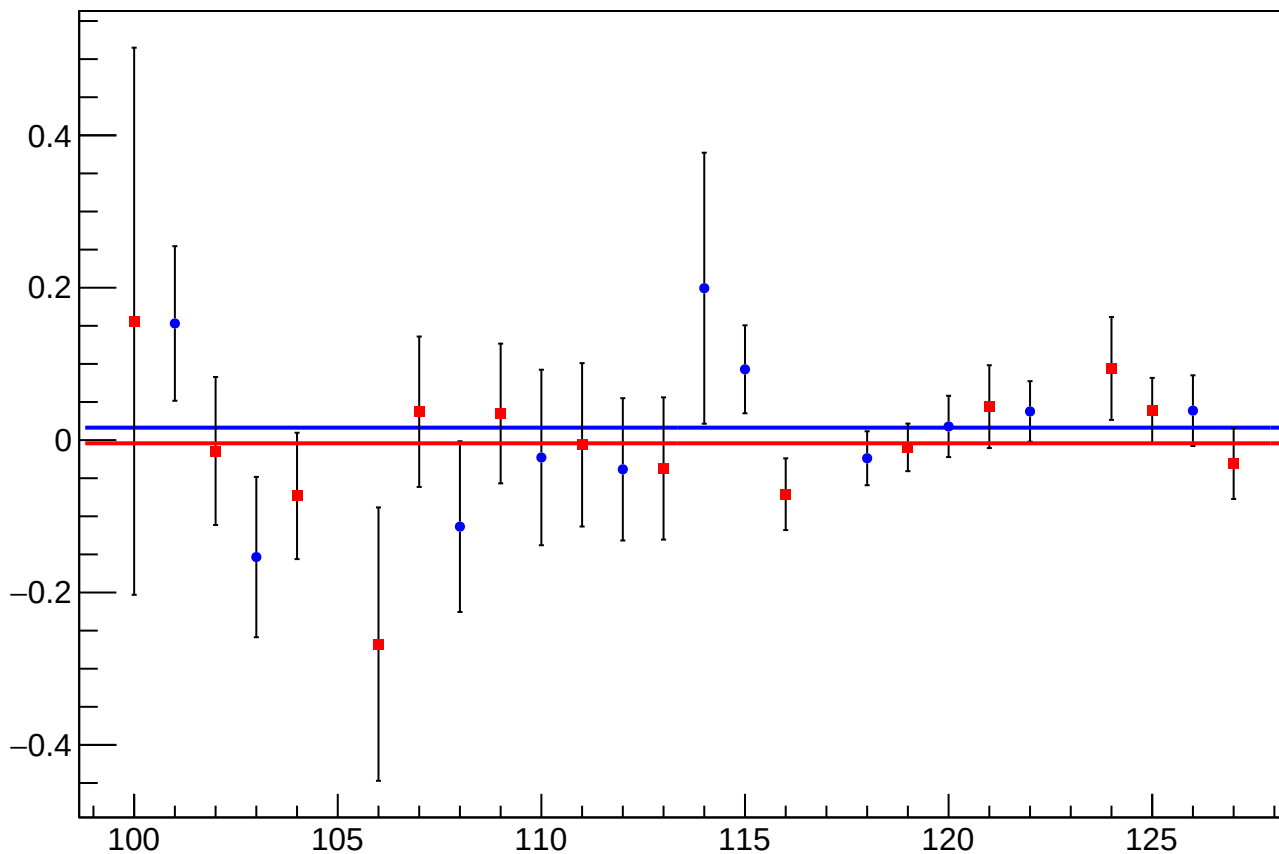
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.805+/-0.008 χ^2/NDF : 3950133.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.016 $\pm$ 0.017 χ^2 /NDF: 10.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.016 χ^2 /NDF: 9.8/13

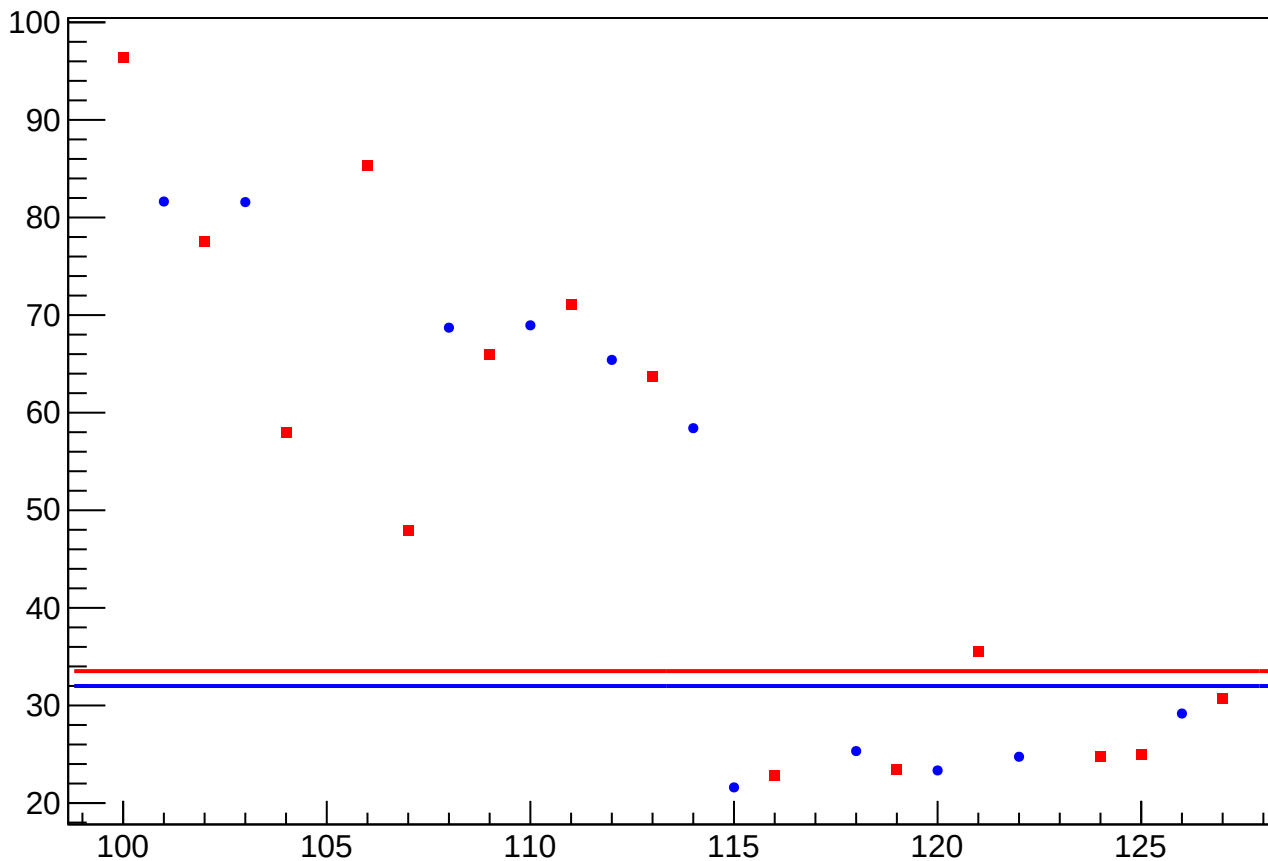
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.005 $\pm$ 0.012 χ^2 /NDF: 21.4/24

- 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: 31.993+/-0.012 χ^2/NDF : 1946432.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.520+/-0.012 χ^2/NDF : 1995504.2/13

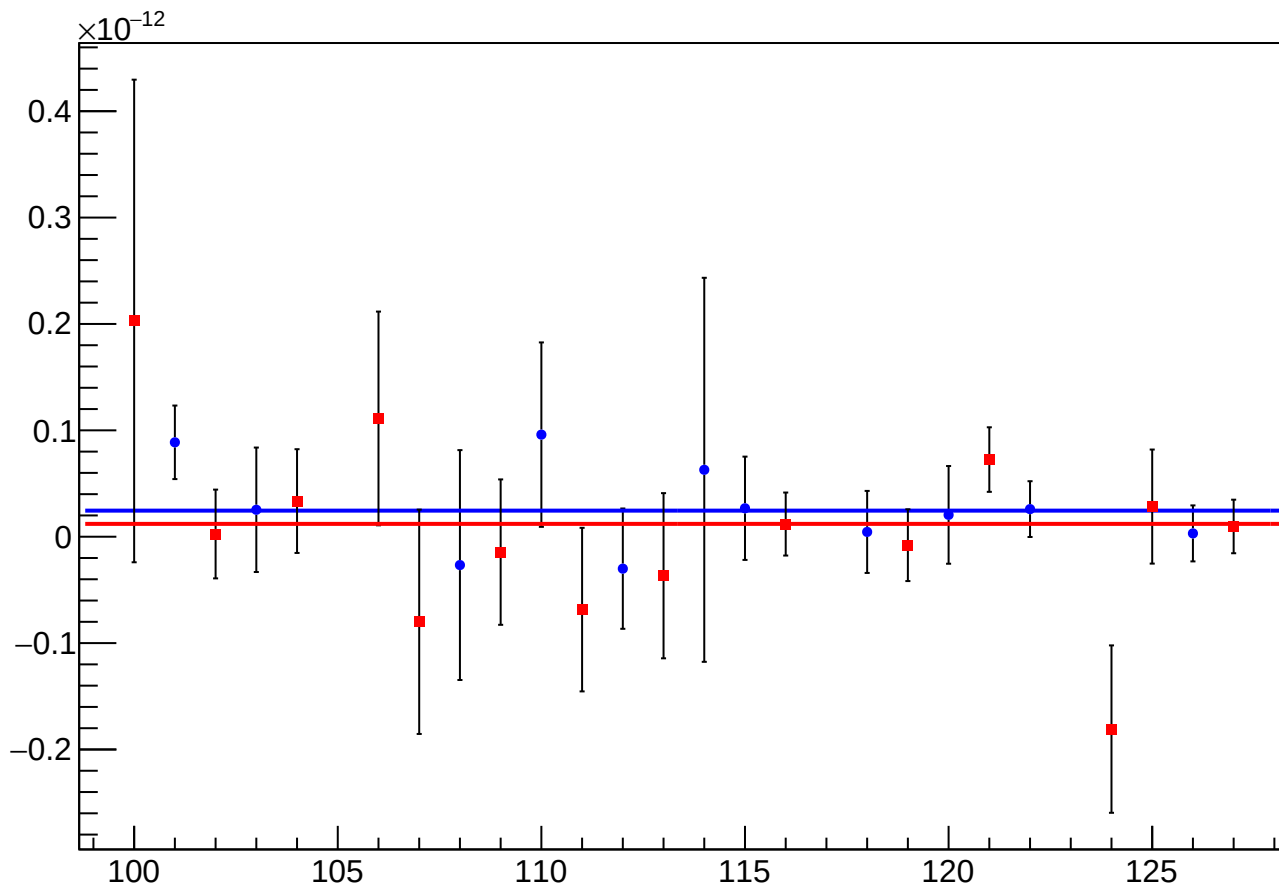
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.805+/-0.008 χ^2/NDF : 3950133.0/24

- sign 0.000+/-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: 6.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.8/13

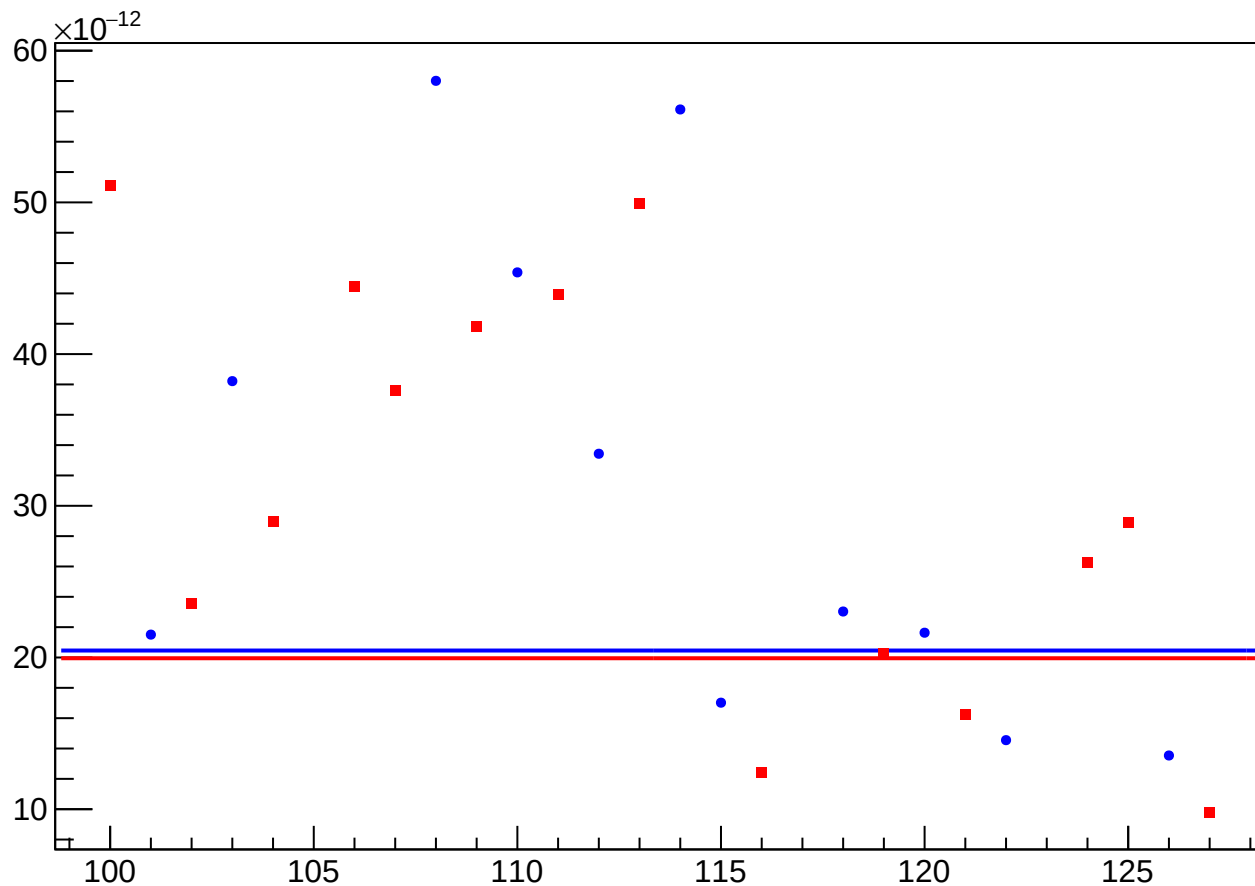
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 21.5/24

- 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 $\pm$ 0.000 χ^2 /NDF: 1036561.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1549542.9/13

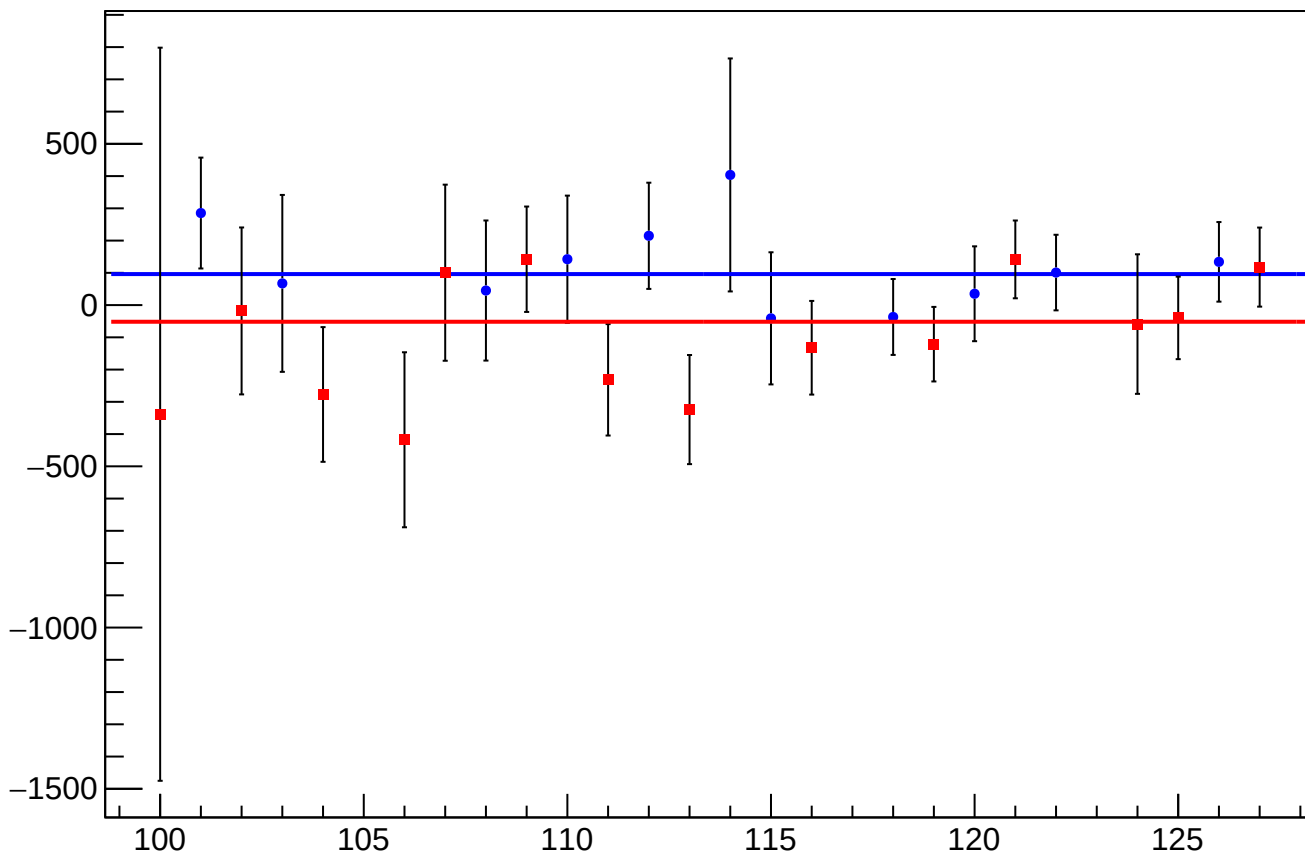
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2587797.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3726_avg_mean vs Slug



Right In: 96.153+/-48.836 χ^2/NDF : 4.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -51.671+/-44.216 χ^2/NDF : 13.6/13

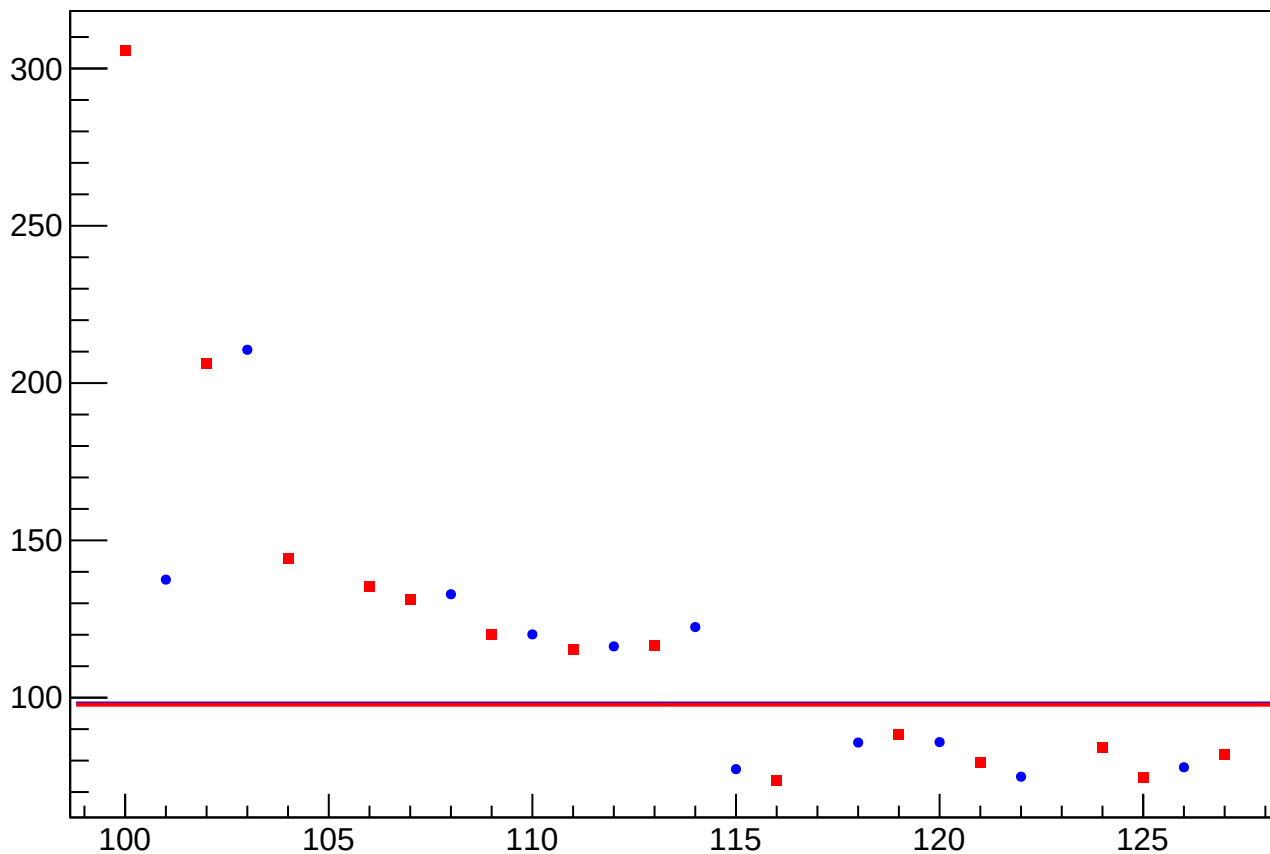
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.919+/-32.777 χ^2/NDF : 23.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_rms vs Slug



Right In: 98.139+/-0.035 χ^2/NDF : 740045.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.778+/-0.031 χ^2/NDF : 889911.9/13

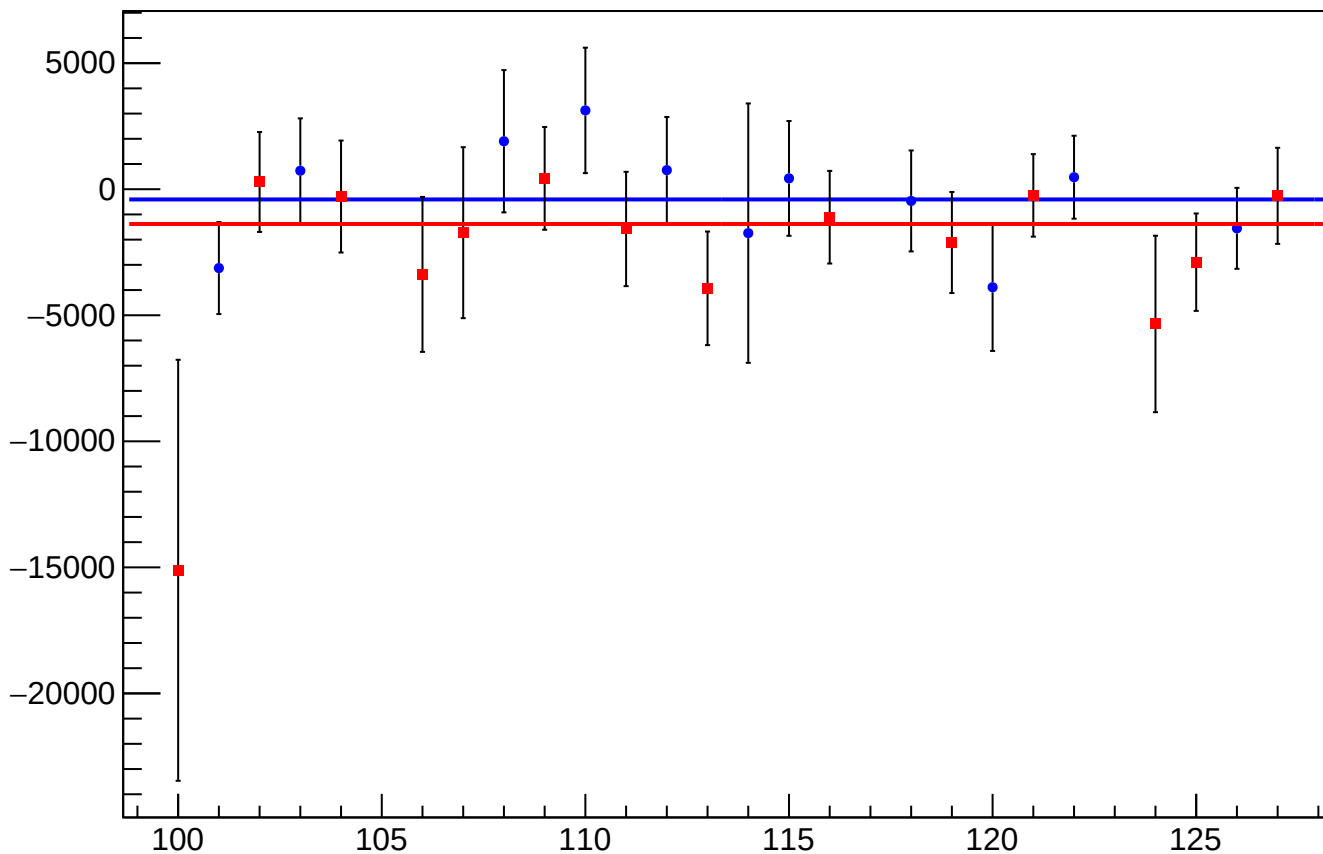
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.941+/-0.023 χ^2/NDF : 1630017.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_reg_correction_mean vs Slug



Right In: -405.417+/-640.345 χ^2/NDF : 8.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1379.148+/-593.422 χ^2/NDF : 9.0/13

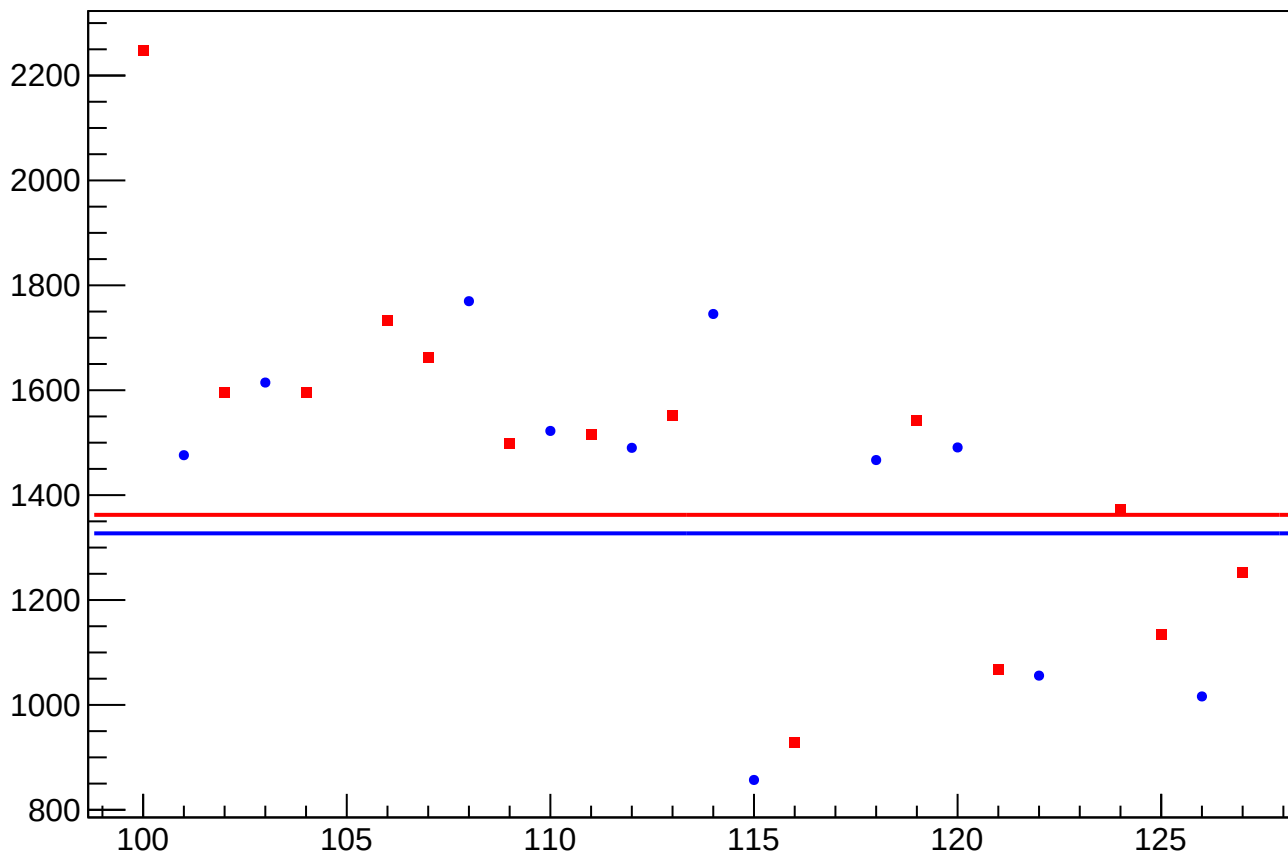
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -929.262+/-435.257 χ^2/NDF : 18.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_reg_correction_rms vs Slug



Right In: 1327.114+/-0.453 χ^2/NDF : 371282.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1362.380+/-0.420 χ^2/NDF : 376829.3/13

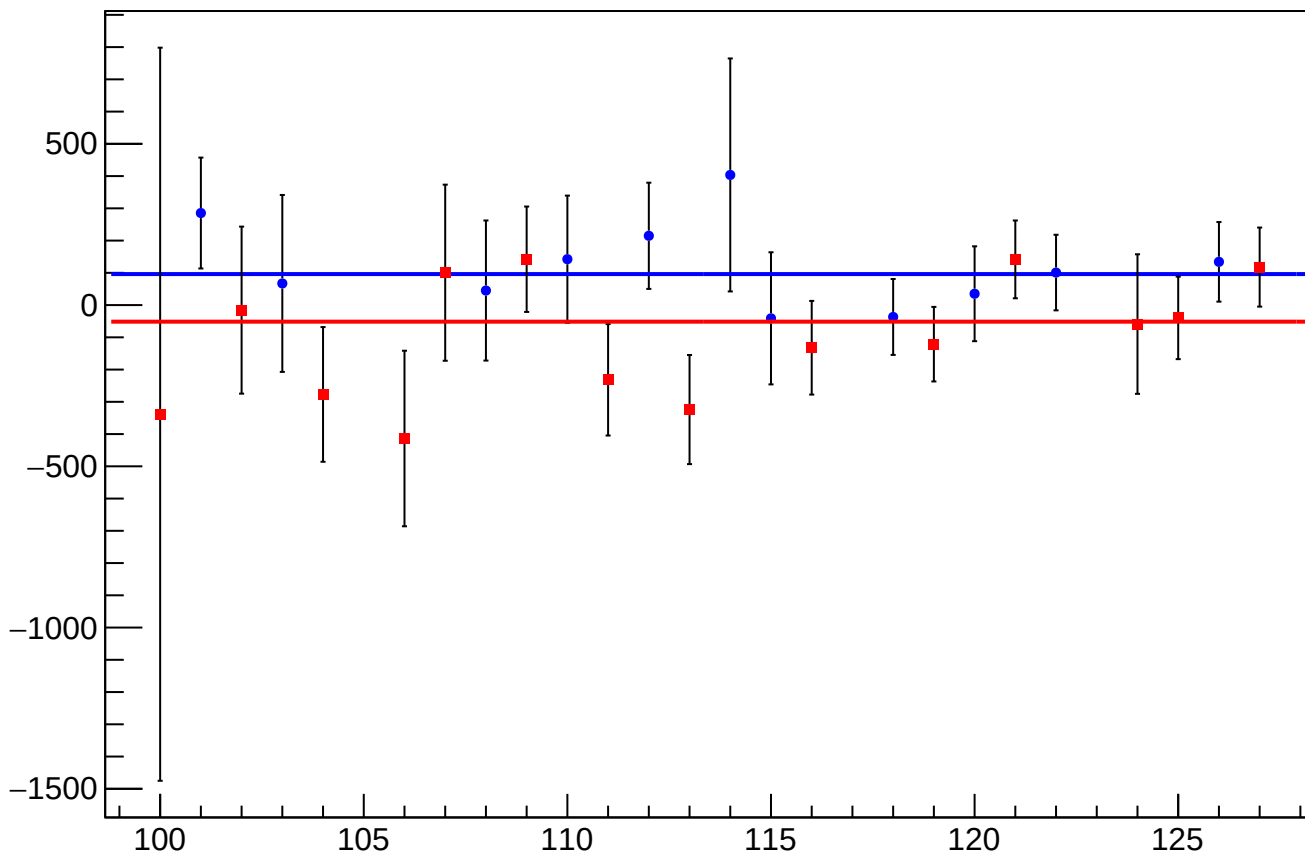
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1346.086+/-0.308 χ^2/NDF : 751375.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_3726_avg_mean vs Slug



Right In: 96.143+/-48.836 χ^2/NDF : 4.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -51.427+/-44.220 χ^2/NDF : 13.6/13

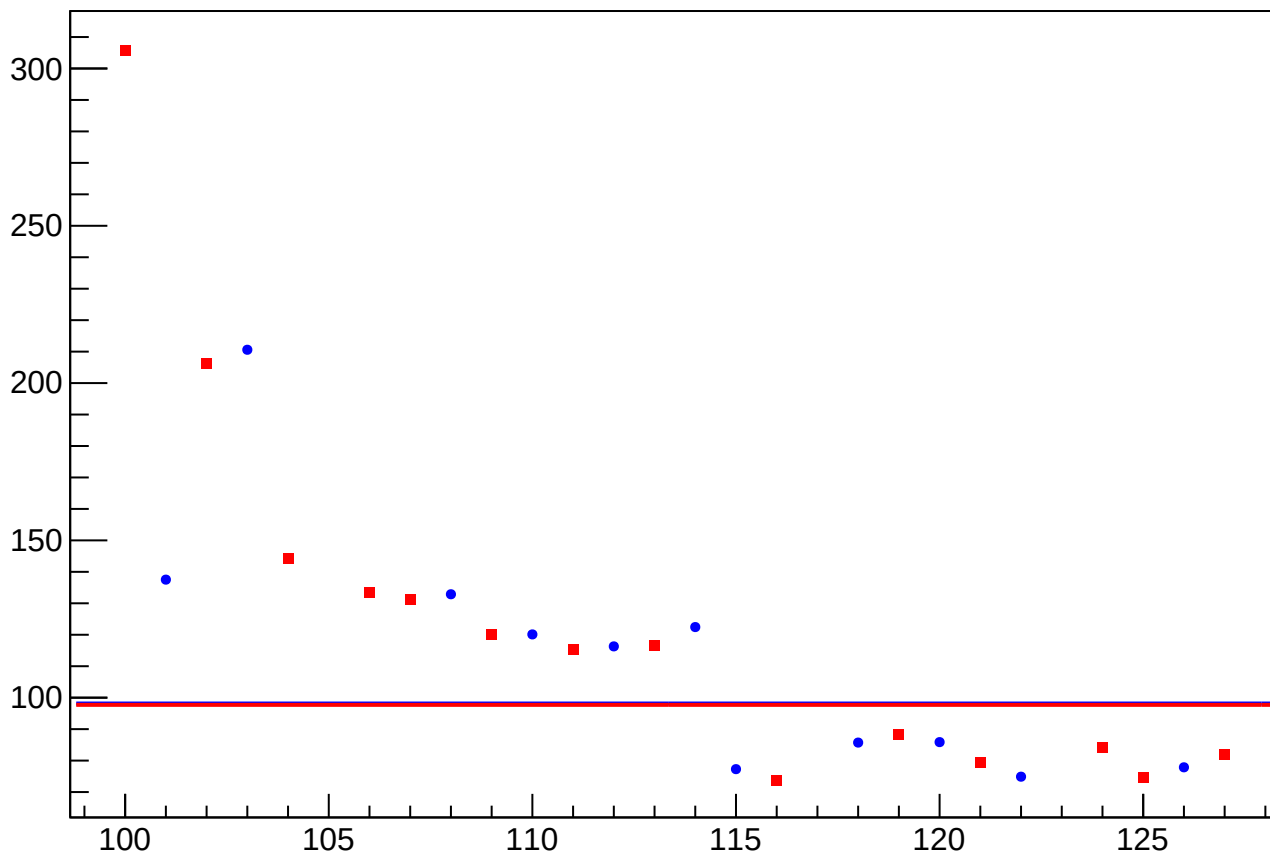
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.055+/-32.779 χ^2/NDF : 23.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_3726_avg_rms vs Slug



Right In: 98.139+/-0.035 χ^2/NDF : 740048.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.720+/-0.031 χ^2/NDF : 886136.2/13

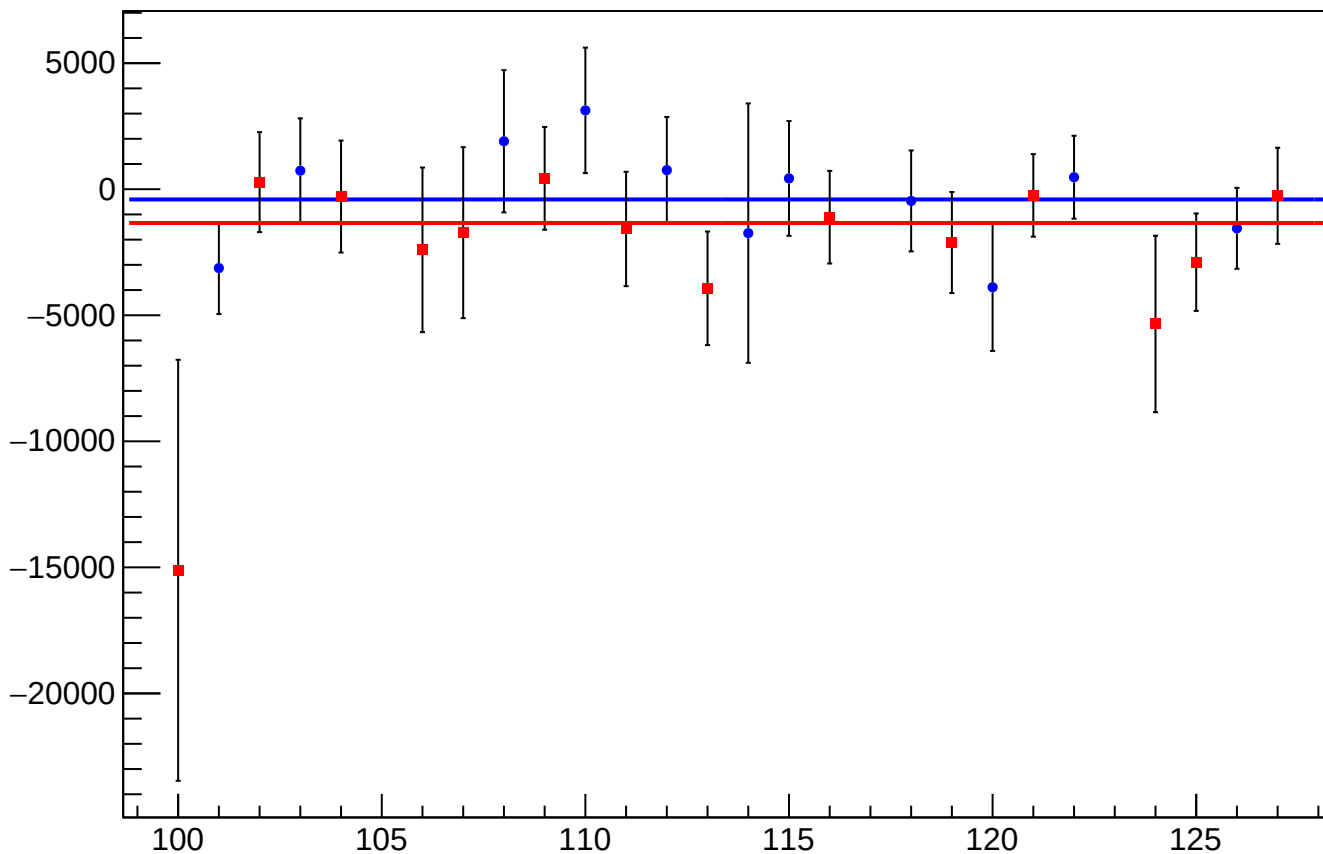
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.909+/-0.023 χ^2/NDF : 1626266.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_cor_correction_mean vs Slug



Right In: -405.347+/-640.349 χ^2/NDF : 8.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1339.078+/-594.724 χ^2/NDF : 8.7/13

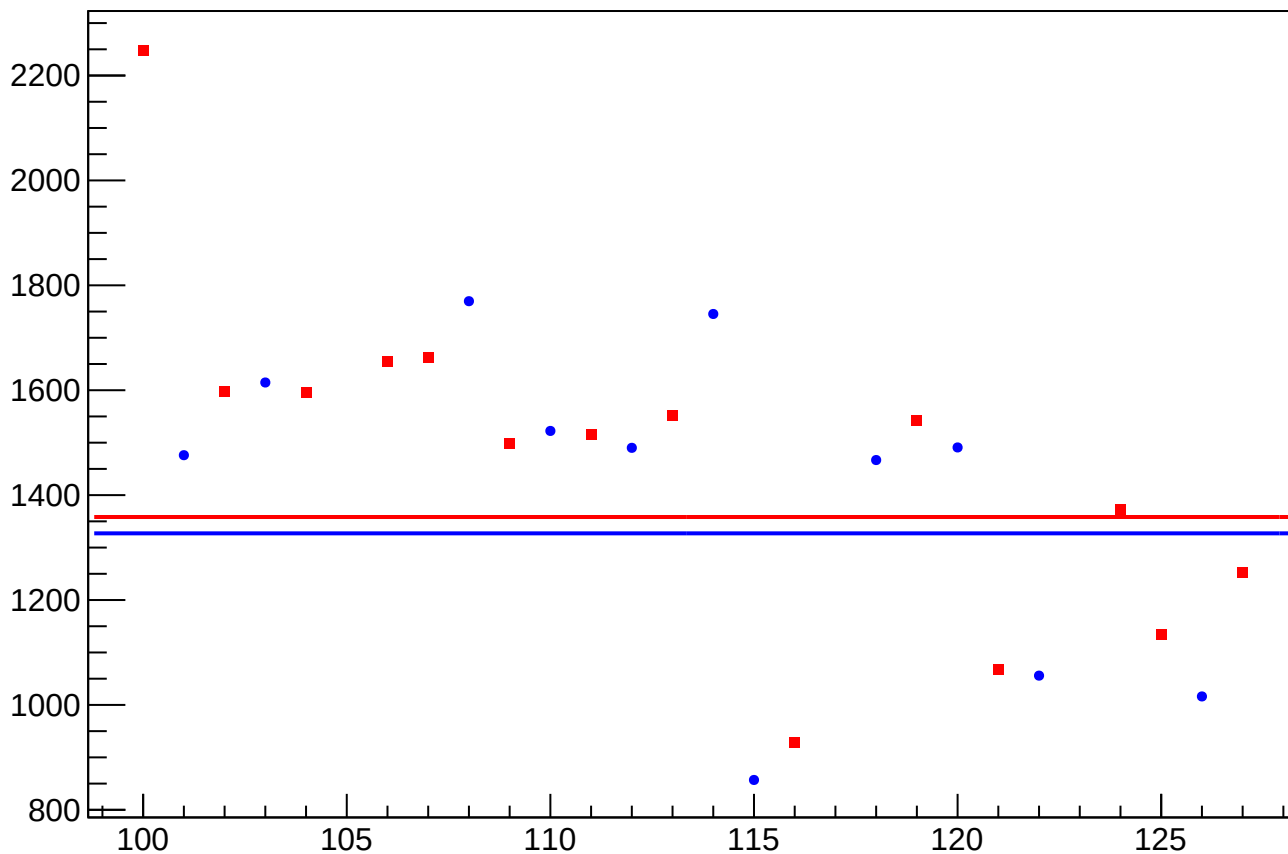
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -906.659+/-435.771 χ^2/NDF : 18.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_cor_correction_rms vs Slug



Right In: 1327.120+/-0.453 χ^2/NDF : 371307.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1358.284+/-0.421 χ^2/NDF : 363938.0/13

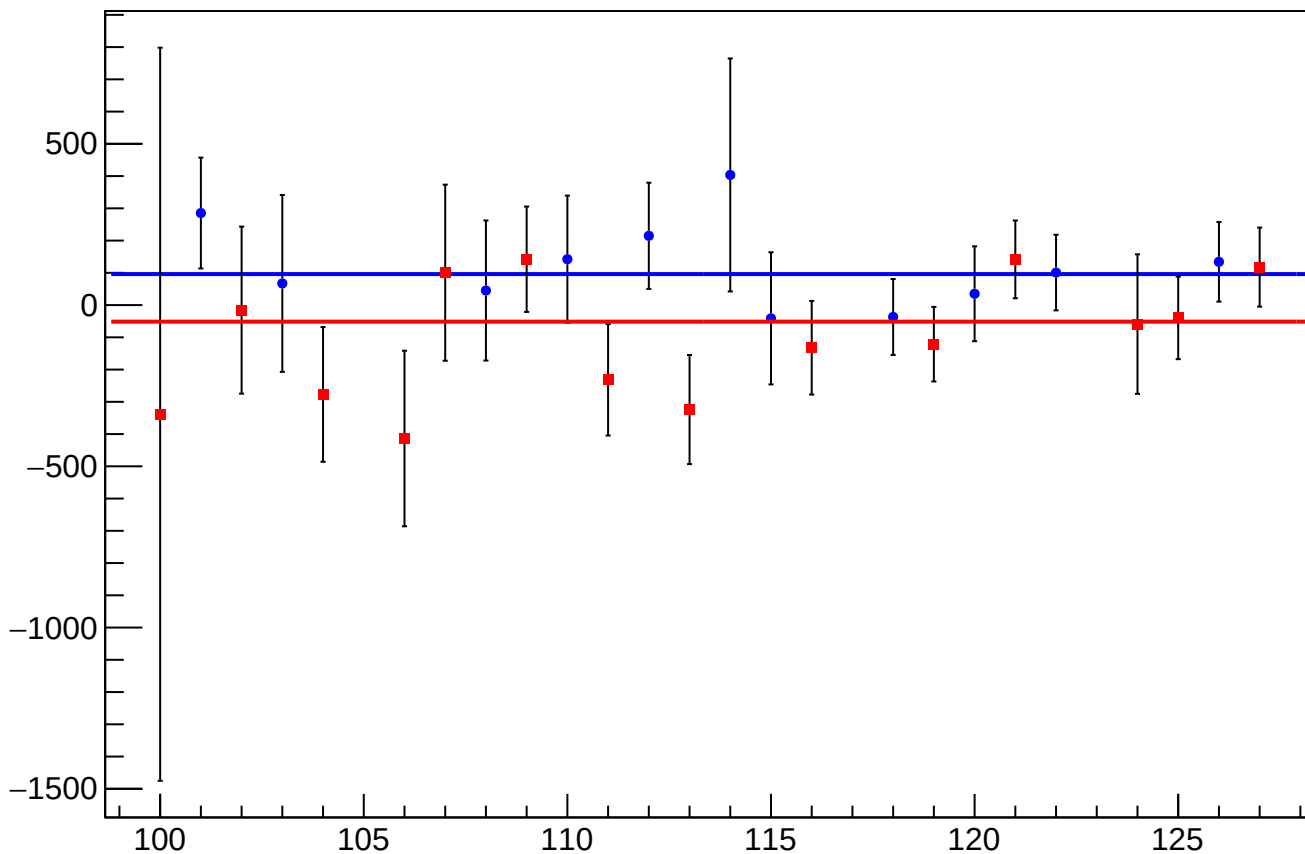
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1343.851+/-0.308 χ^2/NDF : 737788.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_3726_avg_mean vs Slug



Right In: 96.143+/-48.836 χ^2/NDF : 4.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -51.427+/-44.220 χ^2/NDF : 13.6/13

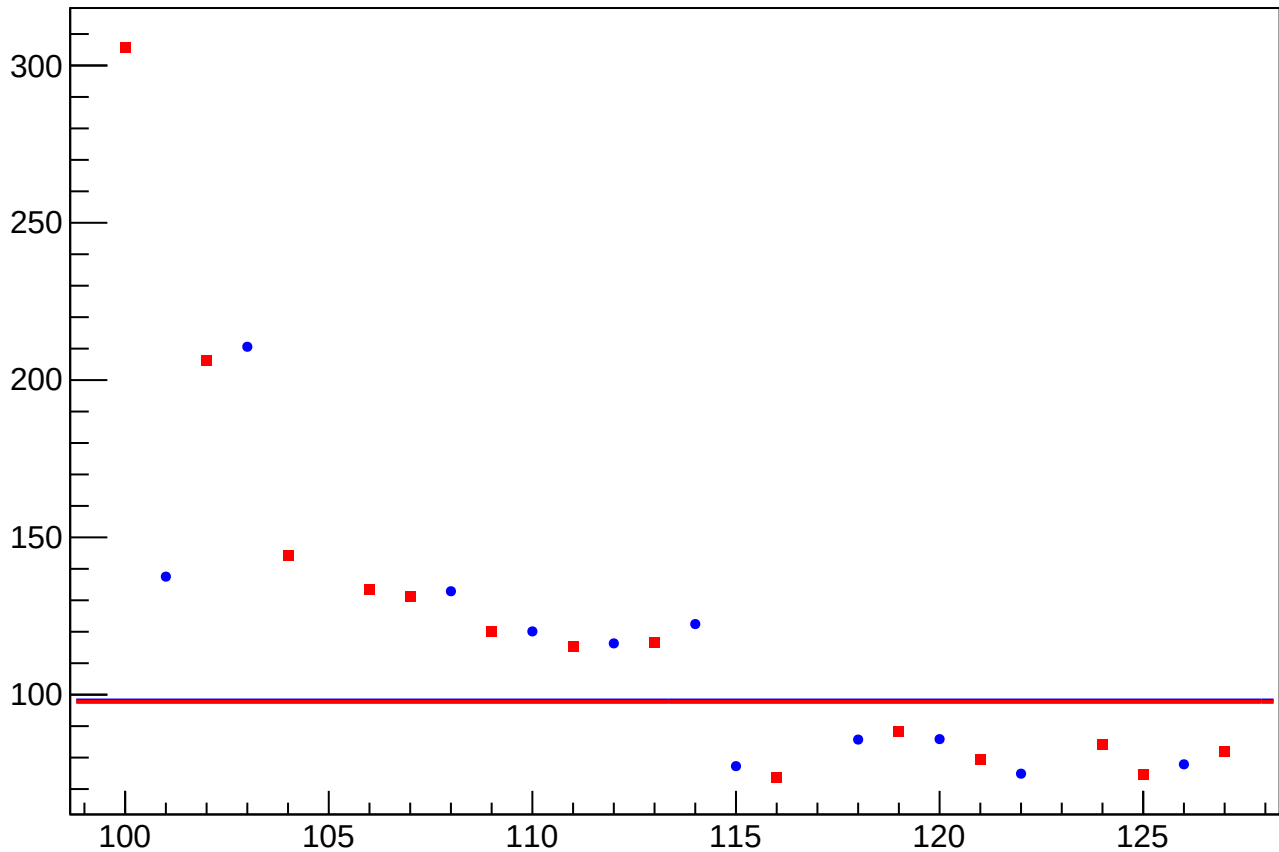
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.055+/-32.779 χ^2/NDF : 23.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_3726_avg_rms vs Slug



Right In: 98.139+/-0.035 χ^2/NDF : 740048.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.720+/-0.031 χ^2/NDF : 886136.2/13

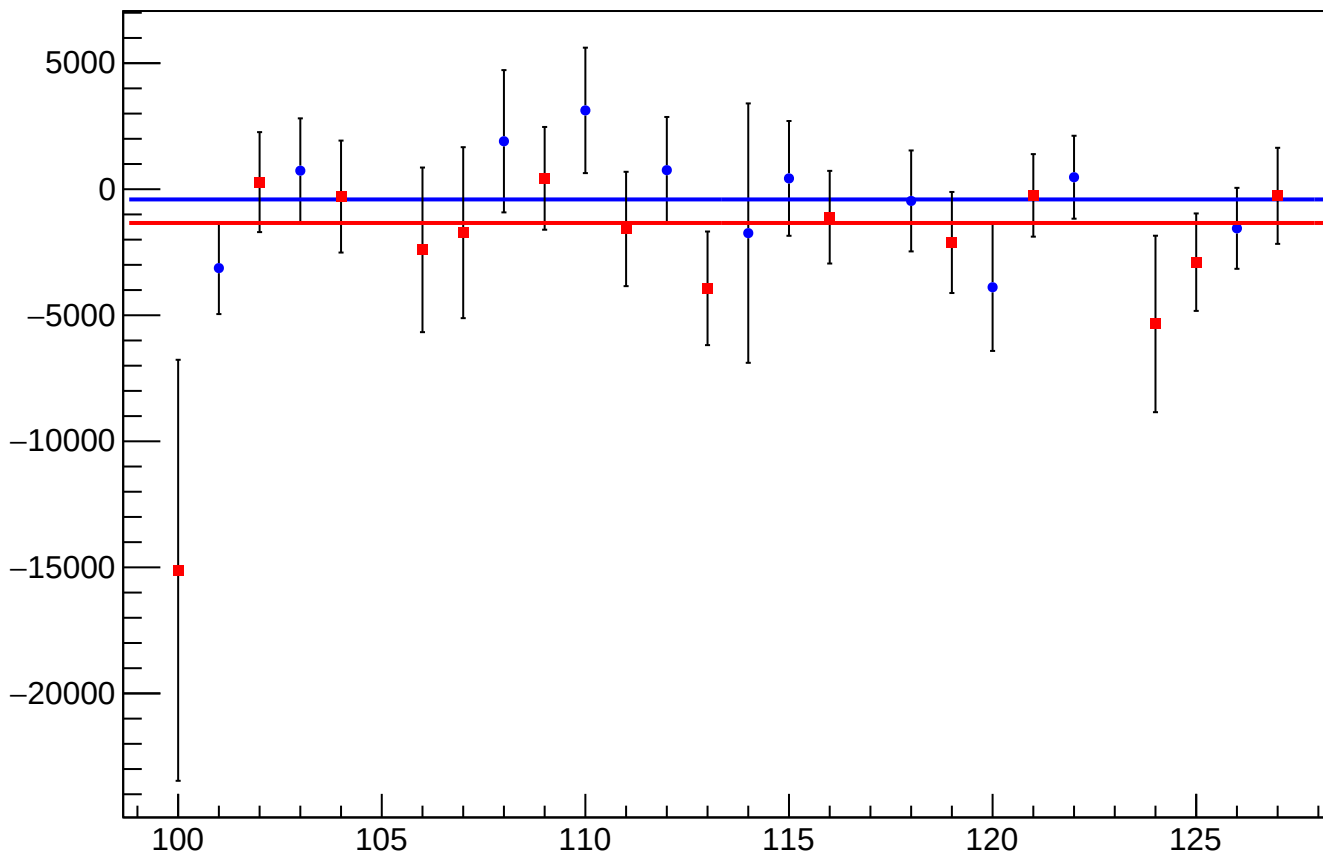
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.909+/-0.023 χ^2/NDF : 1626266.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_eigen_cor_correction_mean vs Slug



Right In: -405.347+/-640.349 χ^2/NDF : 8.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1339.078+/-594.724 χ^2/NDF : 8.7/13

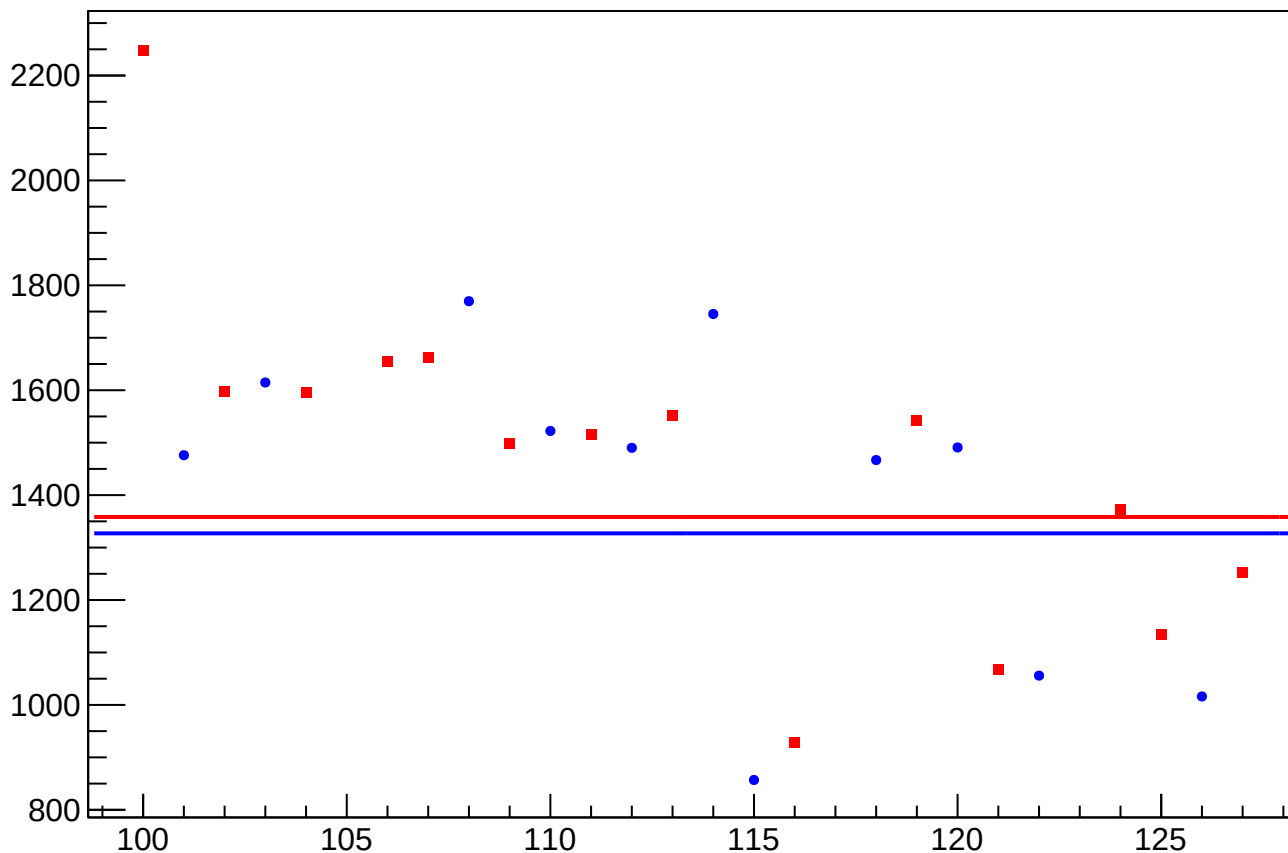
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -906.659+/-435.771 χ^2/NDF : 18.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_eigen_cor_correction_rms vs Slug



Right In: 1327.120+/-0.453 χ^2/NDF : 371307.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1358.284+/-0.421 χ^2/NDF : 363938.0/13

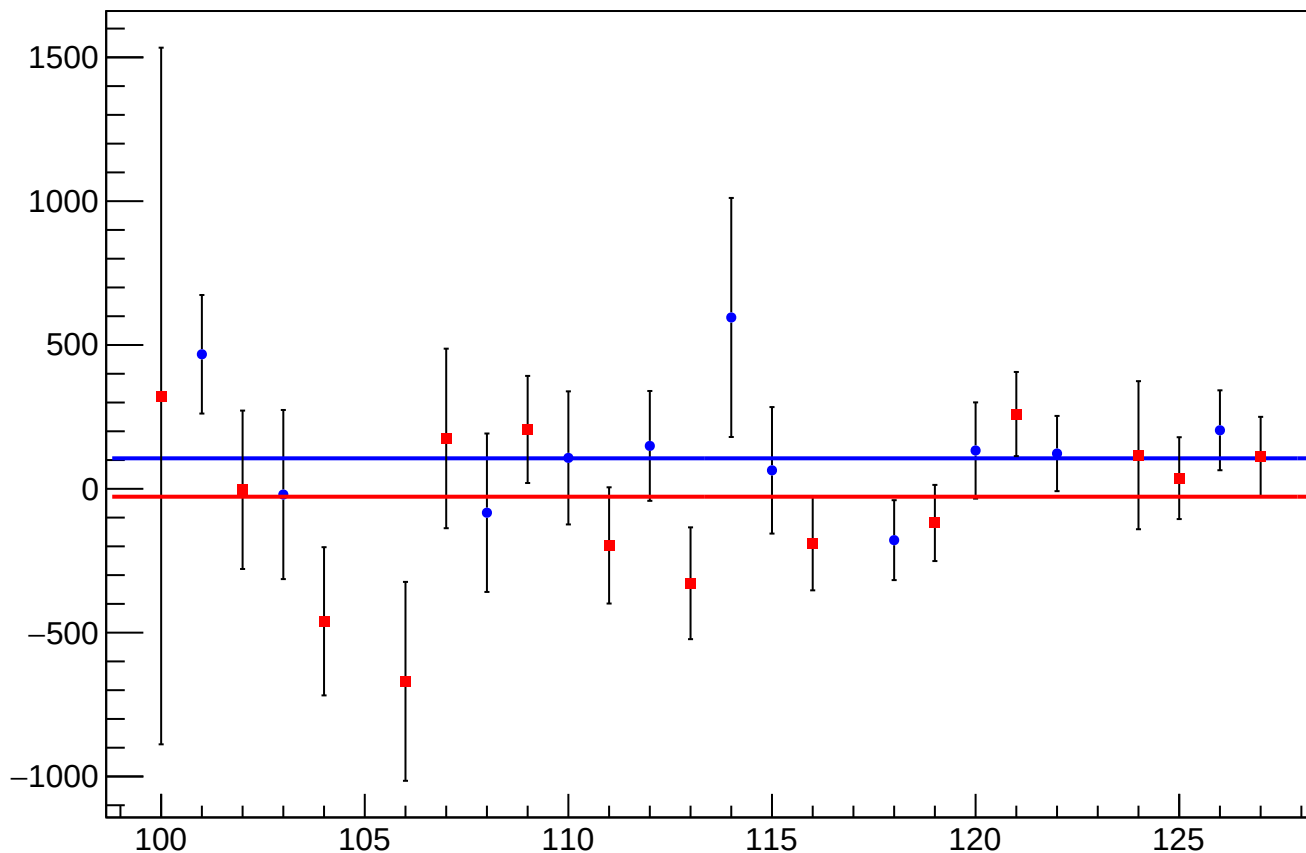
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1343.851+/-0.308 χ^2/NDF : 737788.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3726_avg_mean vs Slug



Right In: 106.041 $\pm$ 56.007 χ^2 /NDF: 9.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -27.408 $\pm$ 50.940 χ^2 /NDF: 18.3/13

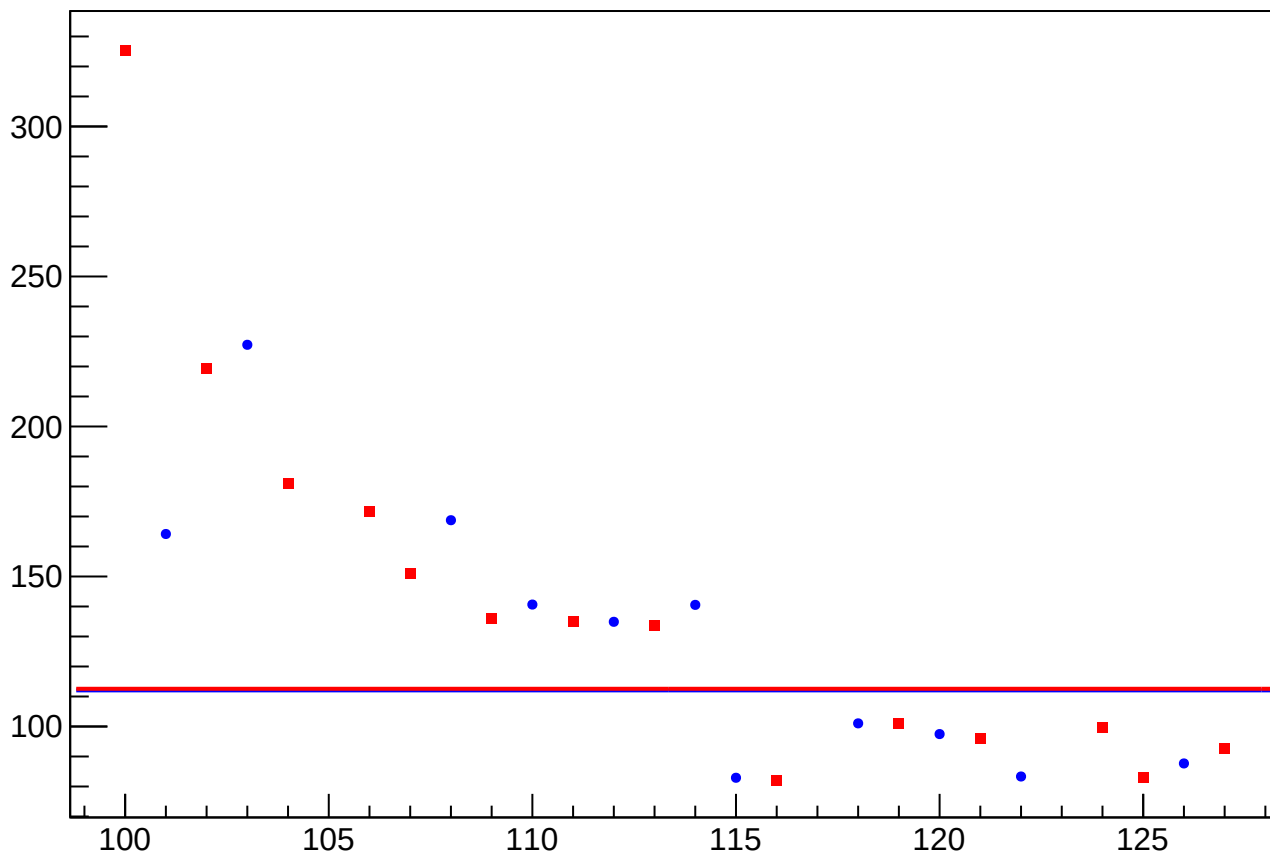
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 33.009 $\pm$ 37.684 χ^2 /NDF: 31.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_3726_avg_rms vs Slug



Right In: 112.041 $\pm$ 0.040 χ^2 /NDF: 809237.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 112.573 $\pm$ 0.036 χ^2 /NDF: 915989.4/13

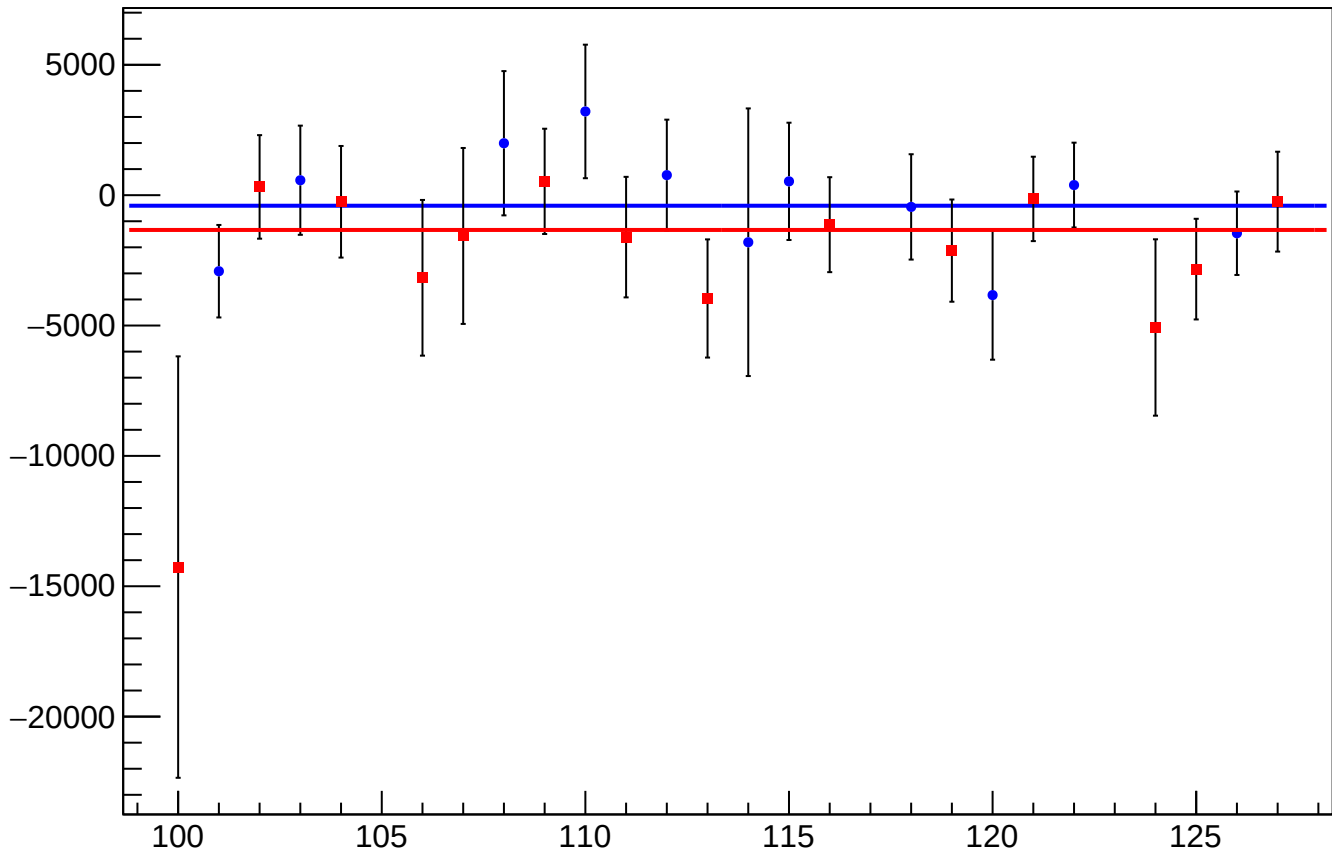
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 112.332 $\pm$ 0.027 χ^2 /NDF: 1725325.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_dit_correction_mean vs Slug



Right In: -404.796+/-637.355 χ^2/NDF : 8.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1334.034+/-588.637 χ^2/NDF : 9.0/13

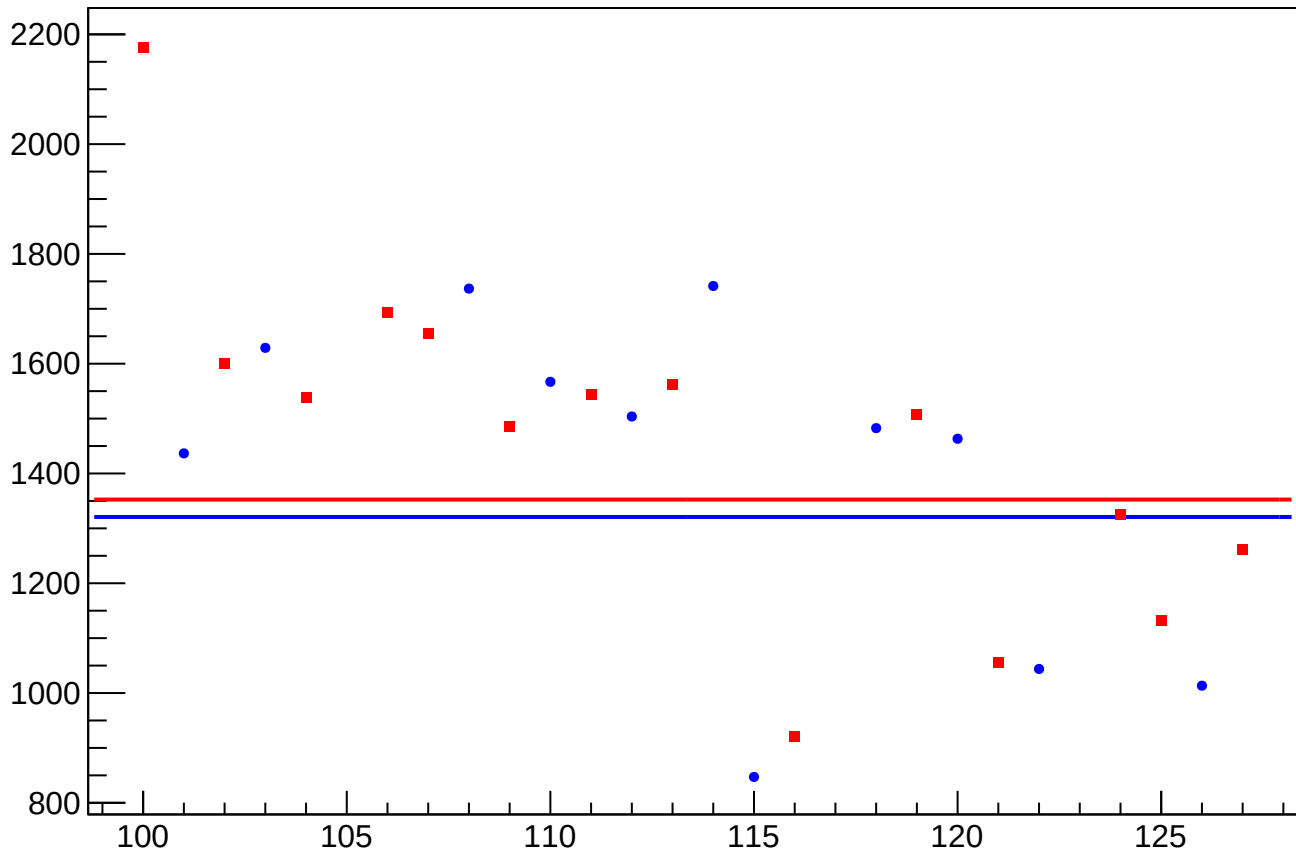
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -906.283+/-432.428 χ^2/NDF : 18.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_dit_correction_rms vs Slug



Right In: 1320.739+/-0.451 χ^2/NDF : 383659.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

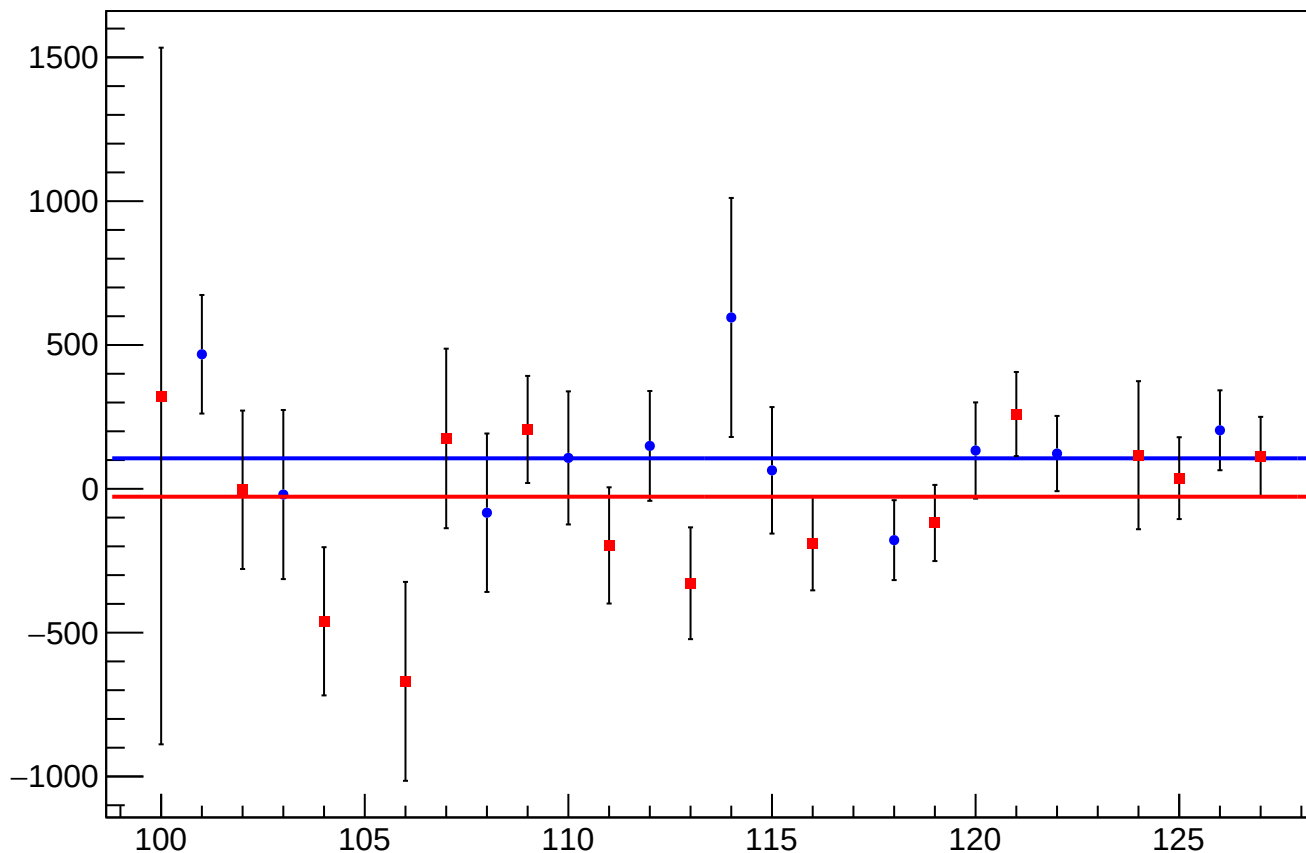
Right Out: 1352.487+/-0.416 χ^2/NDF : 371836.5/13

All: 1337.872+/-0.306 χ^2/NDF : 758174.3/24

- 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_sam_3726_avg_mean vs Slug



Right In: 106.042 $\pm$ 56.007 χ^2 /NDF: 9.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -27.405 $\pm$ 50.940 χ^2 /NDF: 18.3/13

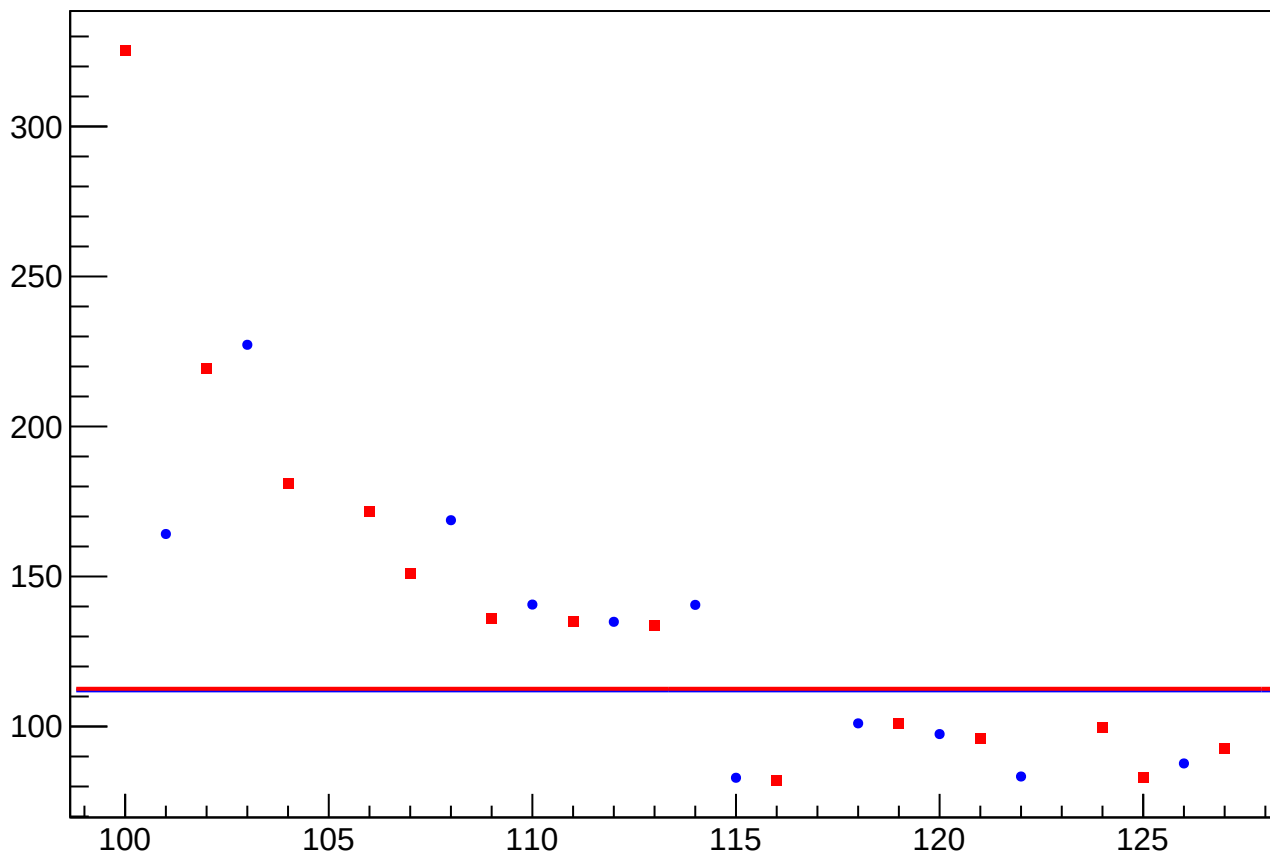
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 33.011 $\pm$ 37.684 χ^2 /NDF: 31.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_3726_avg_rms vs Slug



Right In: 112.041 $\pm$ 0.040 χ^2 /NDF: 809232.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 112.573 $\pm$ 0.036 χ^2 /NDF: 915983.8/13

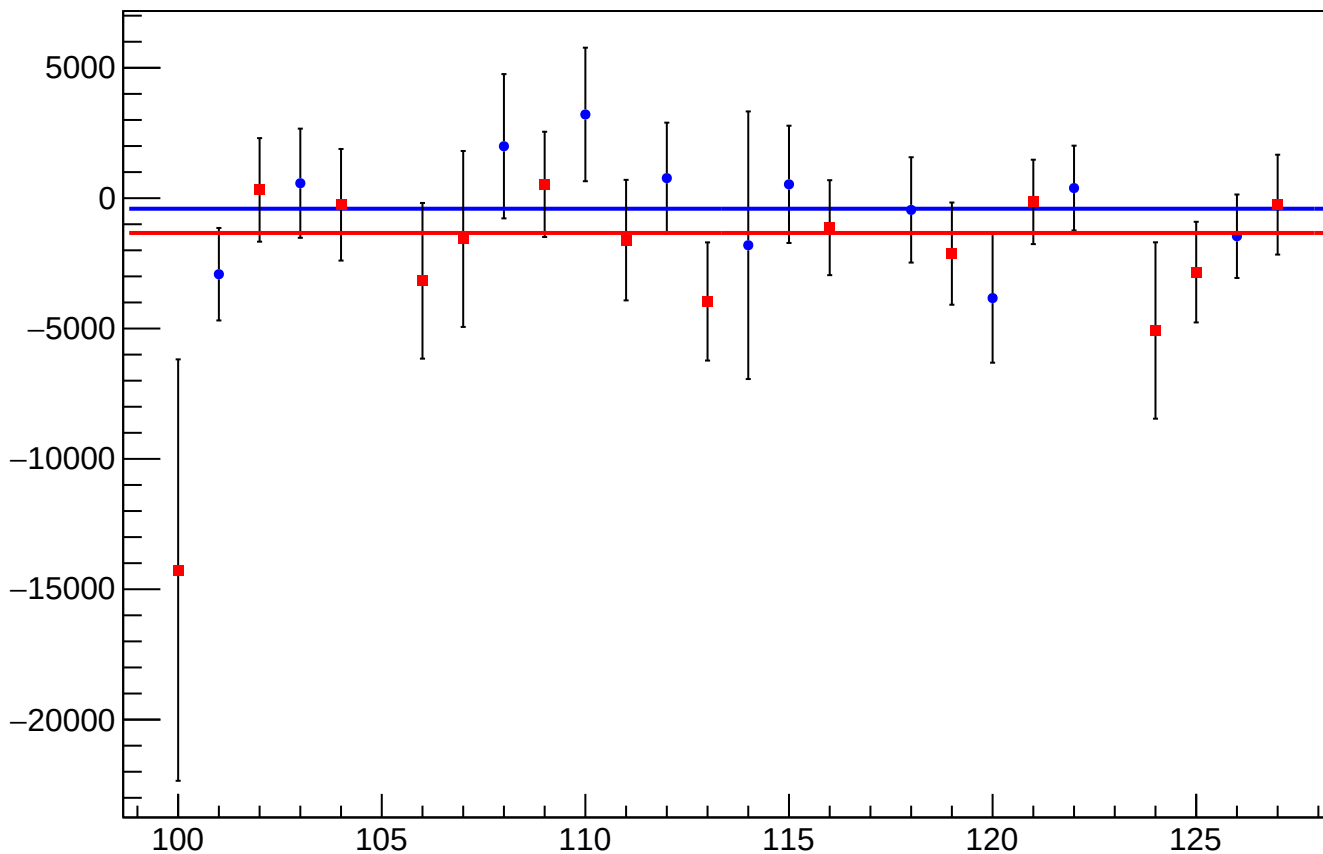
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 112.332 $\pm$ 0.027 χ^2 /NDF: 1725314.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_eigen_dit_correction_mean vs Slug



Right In: -404.793+/-637.354 χ^2 /NDF: 8.1/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1334.031+/-588.636 χ^2 /NDF: 9.0/13

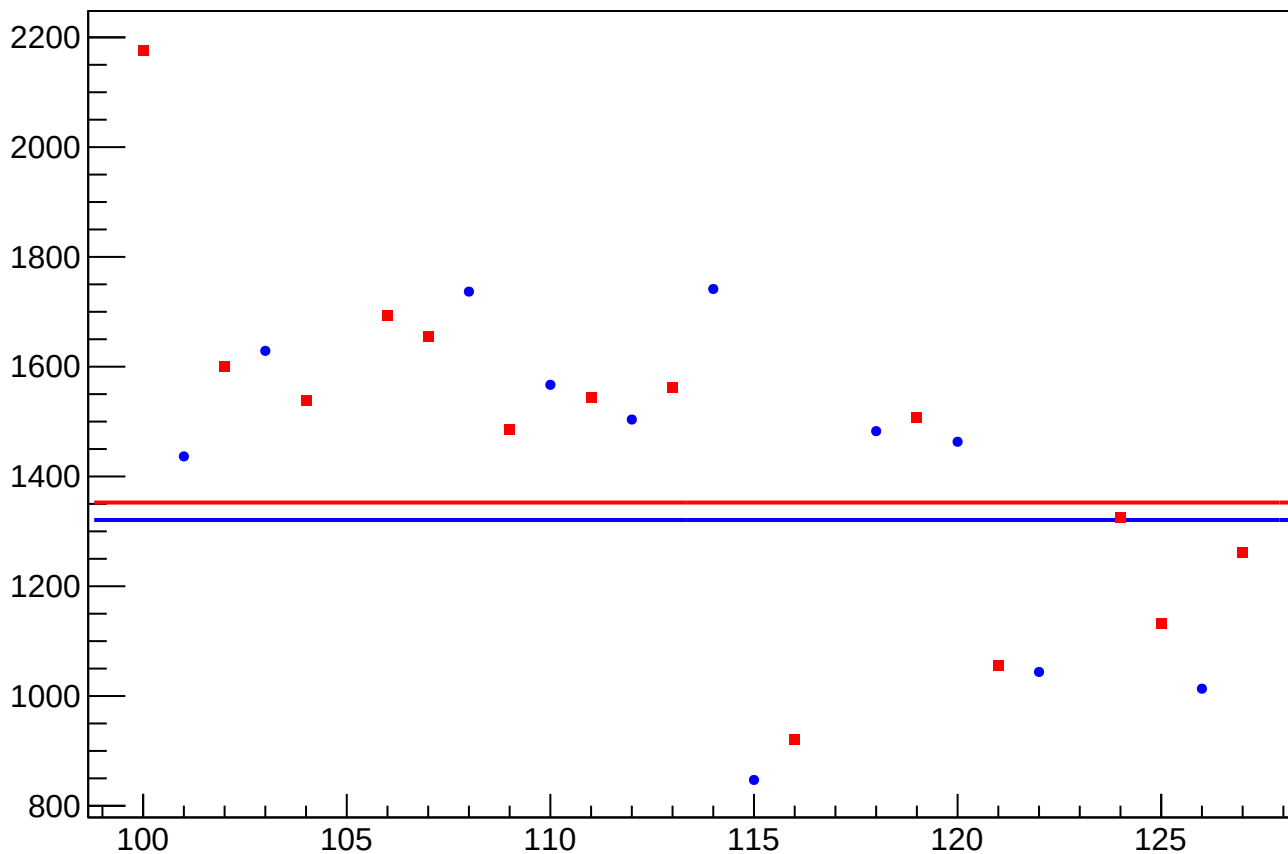
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -906.280+/-432.427 χ^2 /NDF: 18.2/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_eigen_dit_correction_rms vs Slug



Right In: 1320.736 $\pm$ 0.451 χ^2 /NDF: 383655.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1352.484 $\pm$ 0.416 χ^2 /NDF: 371832.8/13

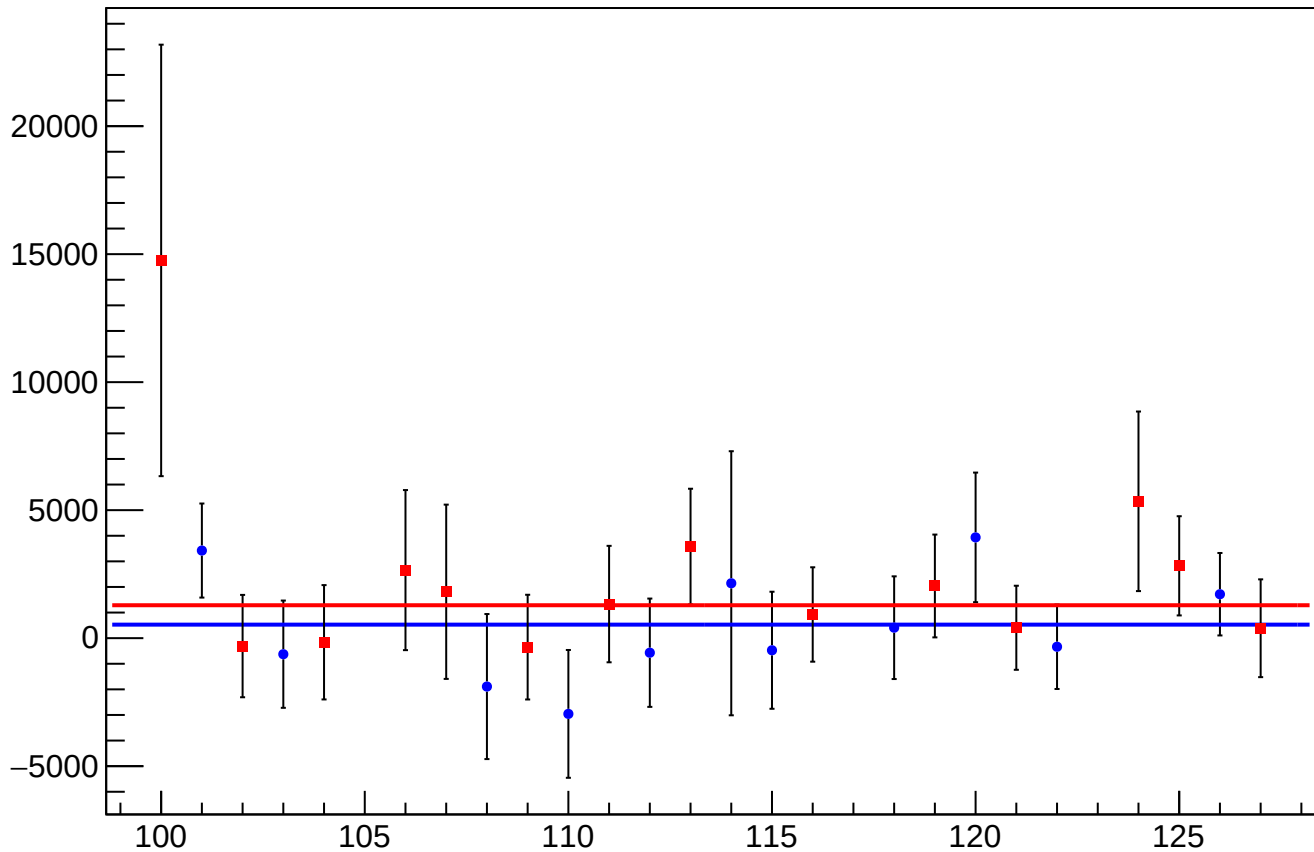
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1337.870 $\pm$ 0.306 χ^2 /NDF: 758166.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_mean vs Slug



Right In: 528.232 $\pm$ 642.910 χ^2 /NDF: 8.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1285.996 $\pm$ 595.853 χ^2 /NDF: 8.2/13

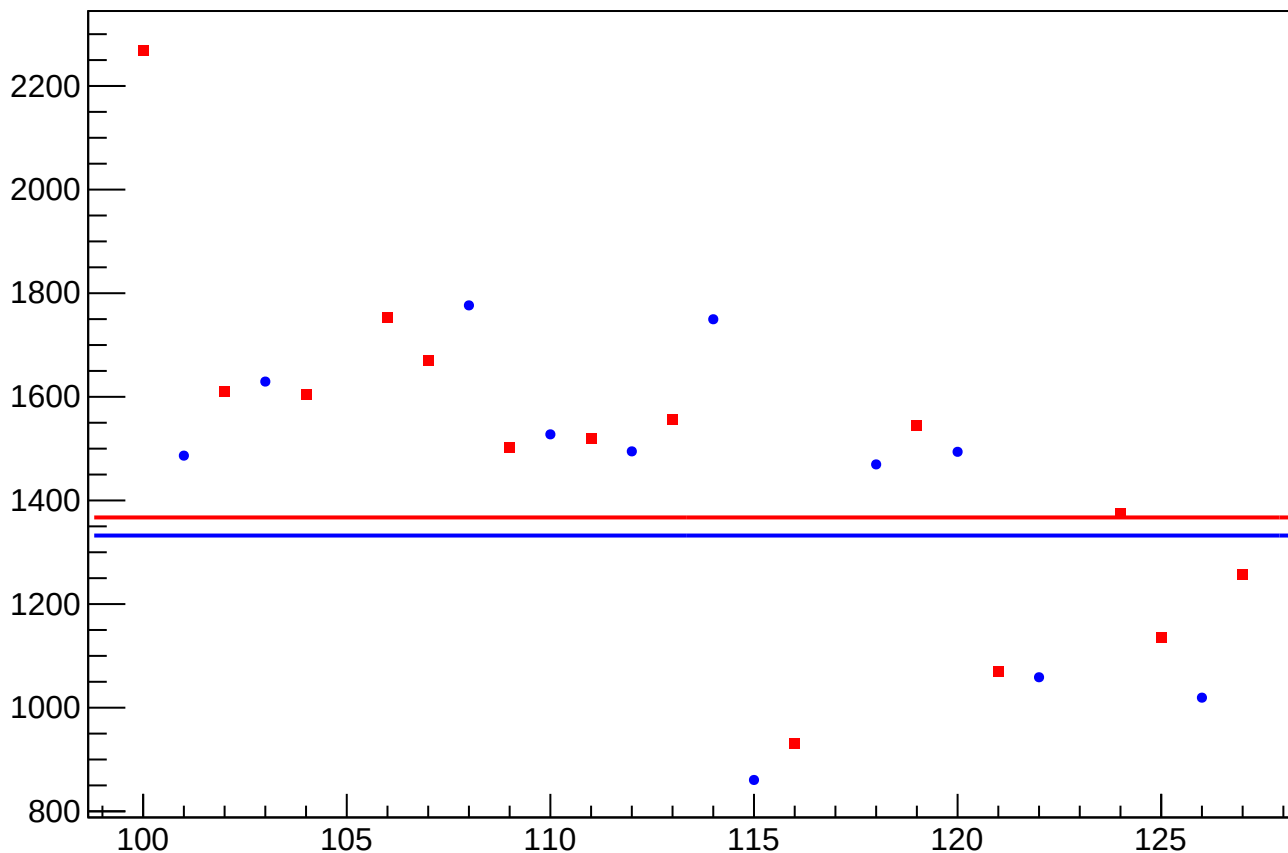
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 935.858 $\pm$ 437.022 χ^2 /NDF: 17.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_rms vs Slug



Right In: 1332.279+/-0.455 χ^2/NDF : 373878.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1367.203+/-0.421 χ^2/NDF : 381223.8/13

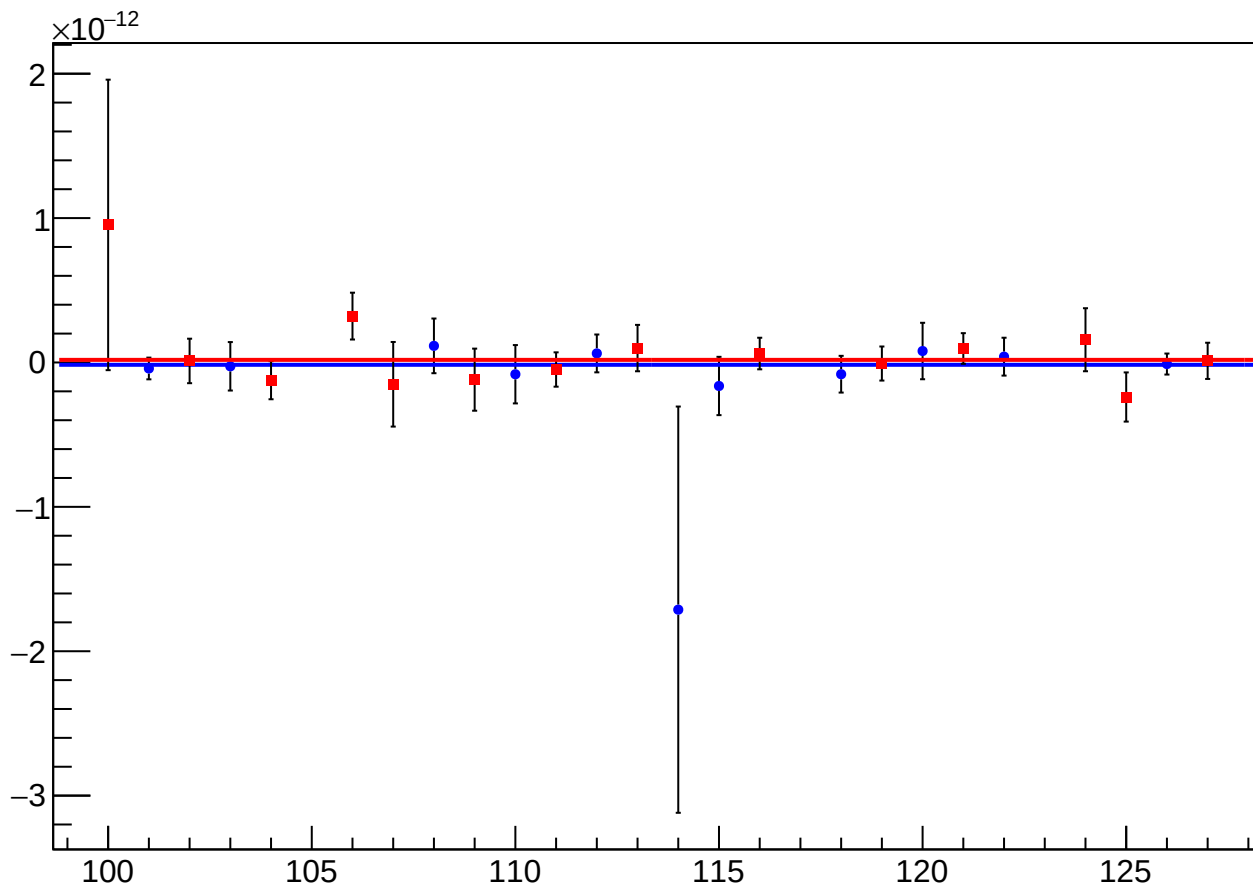
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1351.065+/-0.309 χ^2/NDF : 758276.6/24

- 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: 3.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.3/13

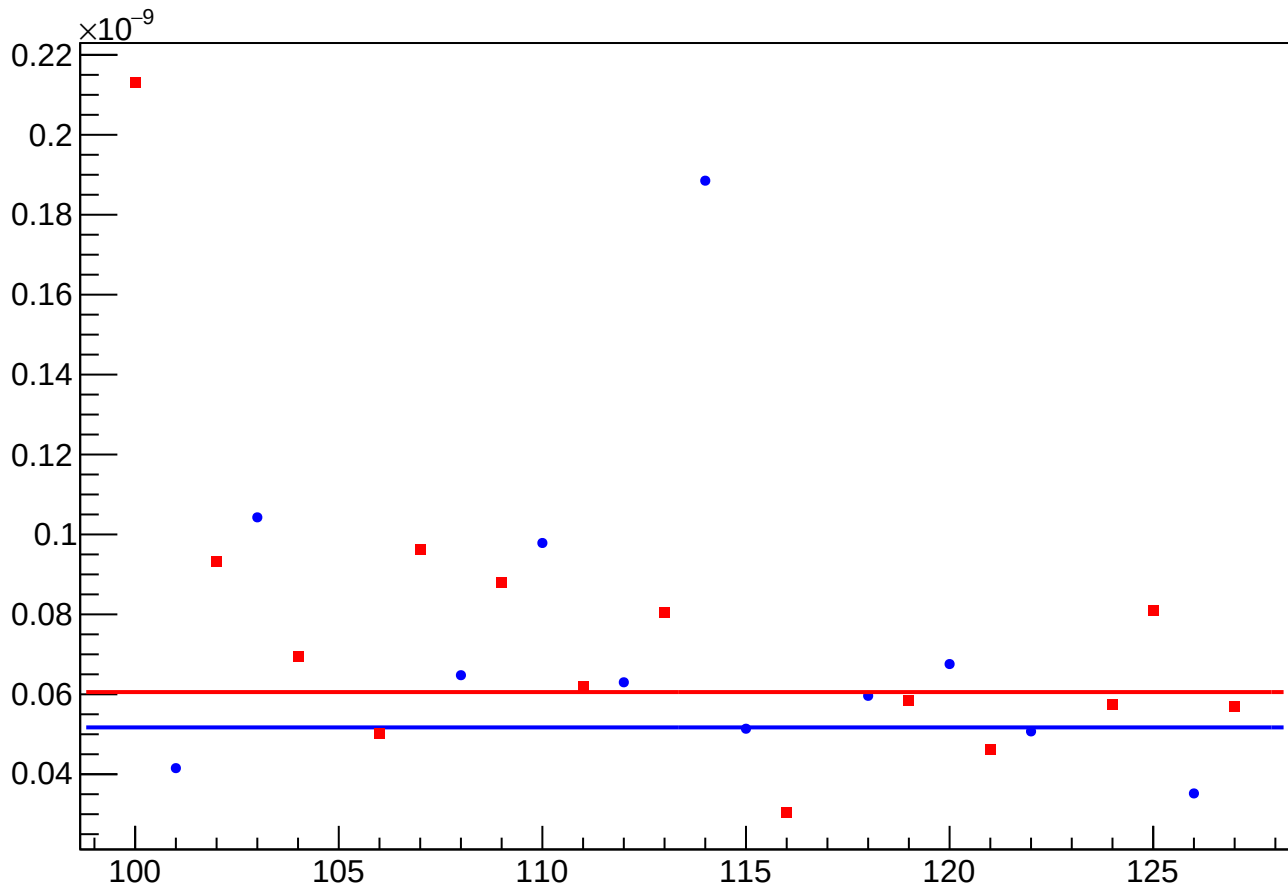
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.4/24

- 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+/-0.000 χ^2/NDF : 504632.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 466110.5/13

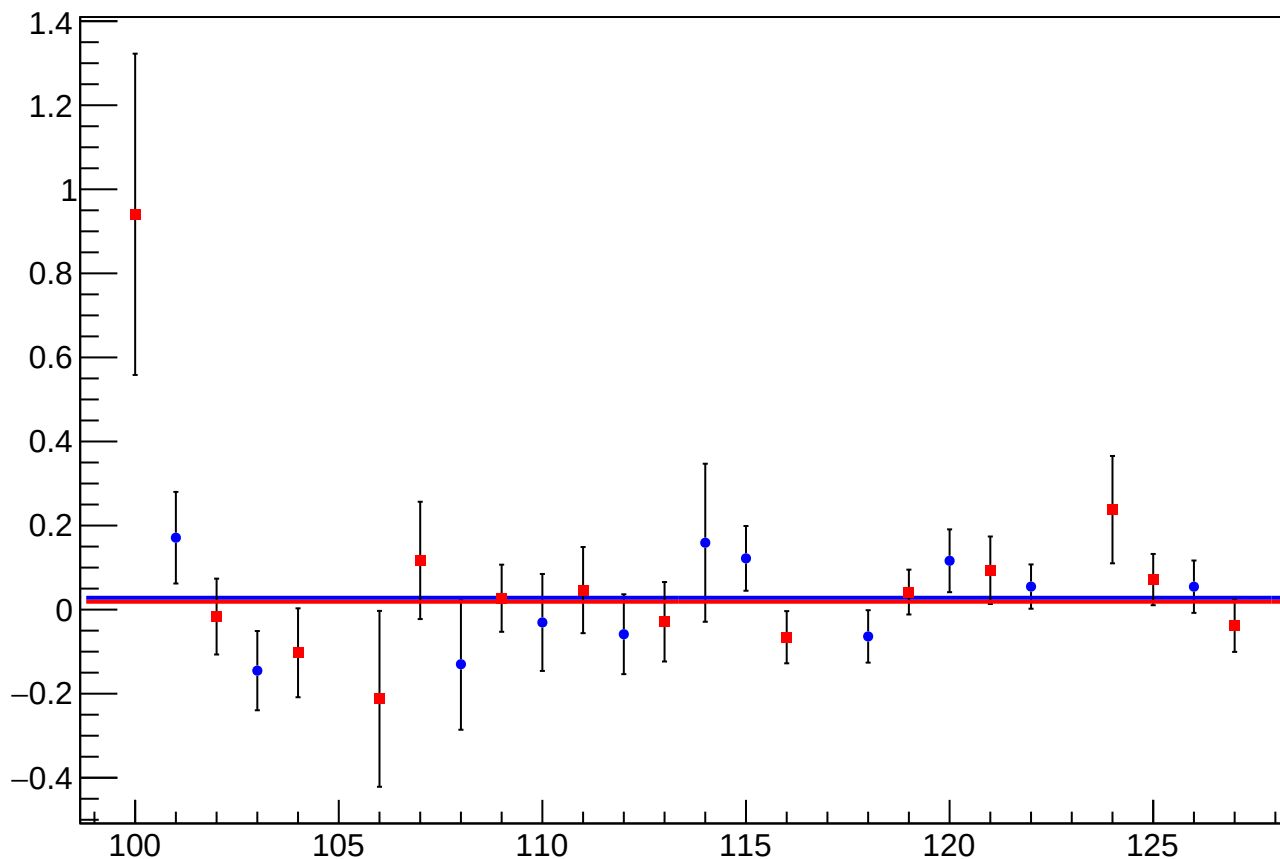
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1022564.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.028 $\pm$ 0.024 χ^2 /NDF: 13.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.019 $\pm$ 0.022 χ^2 /NDF: 16.8/13

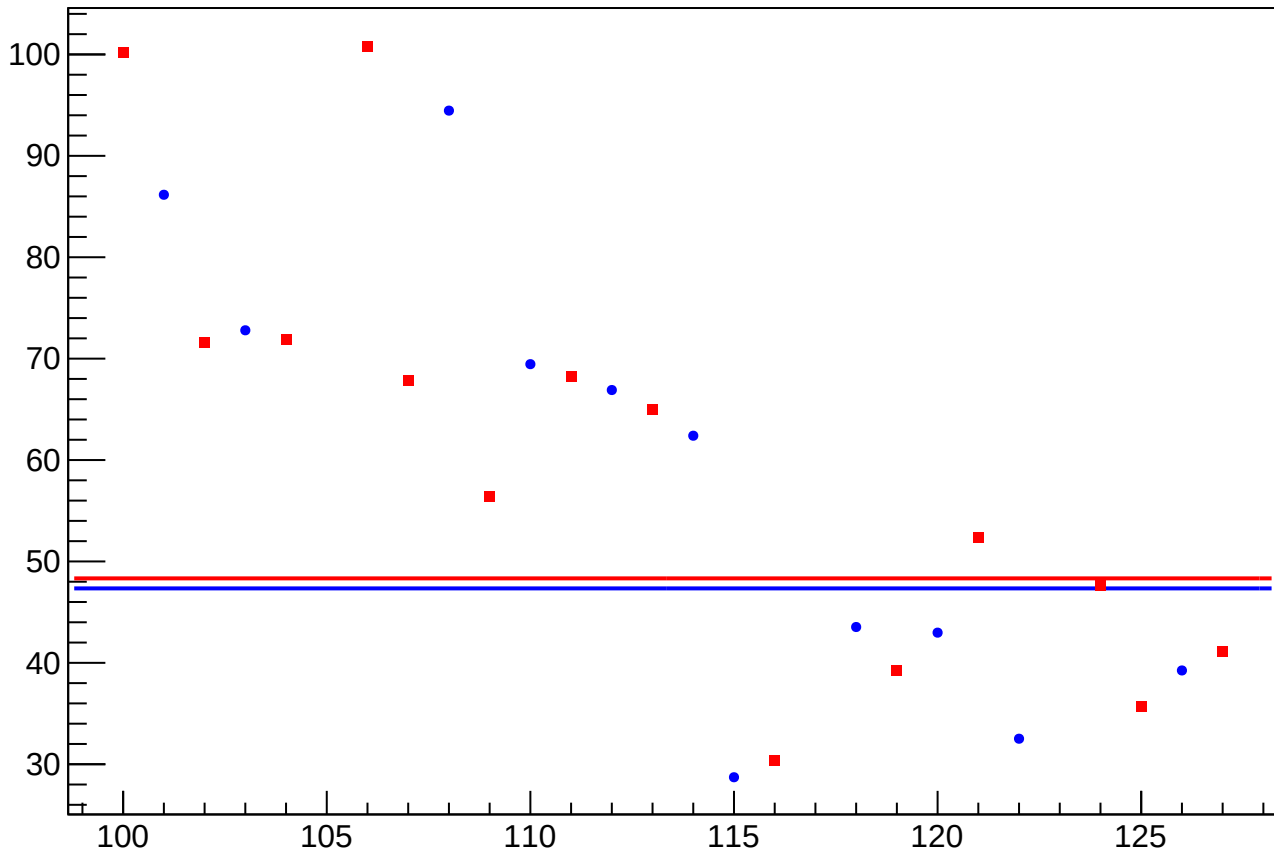
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.023 $\pm$ 0.016 χ^2 /NDF: 30.1/24

- 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: 47.342 $\pm$ 0.017 χ^2 /NDF: 1076761.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 48.330 $\pm$ 0.016 χ^2 /NDF: 934105.4/13

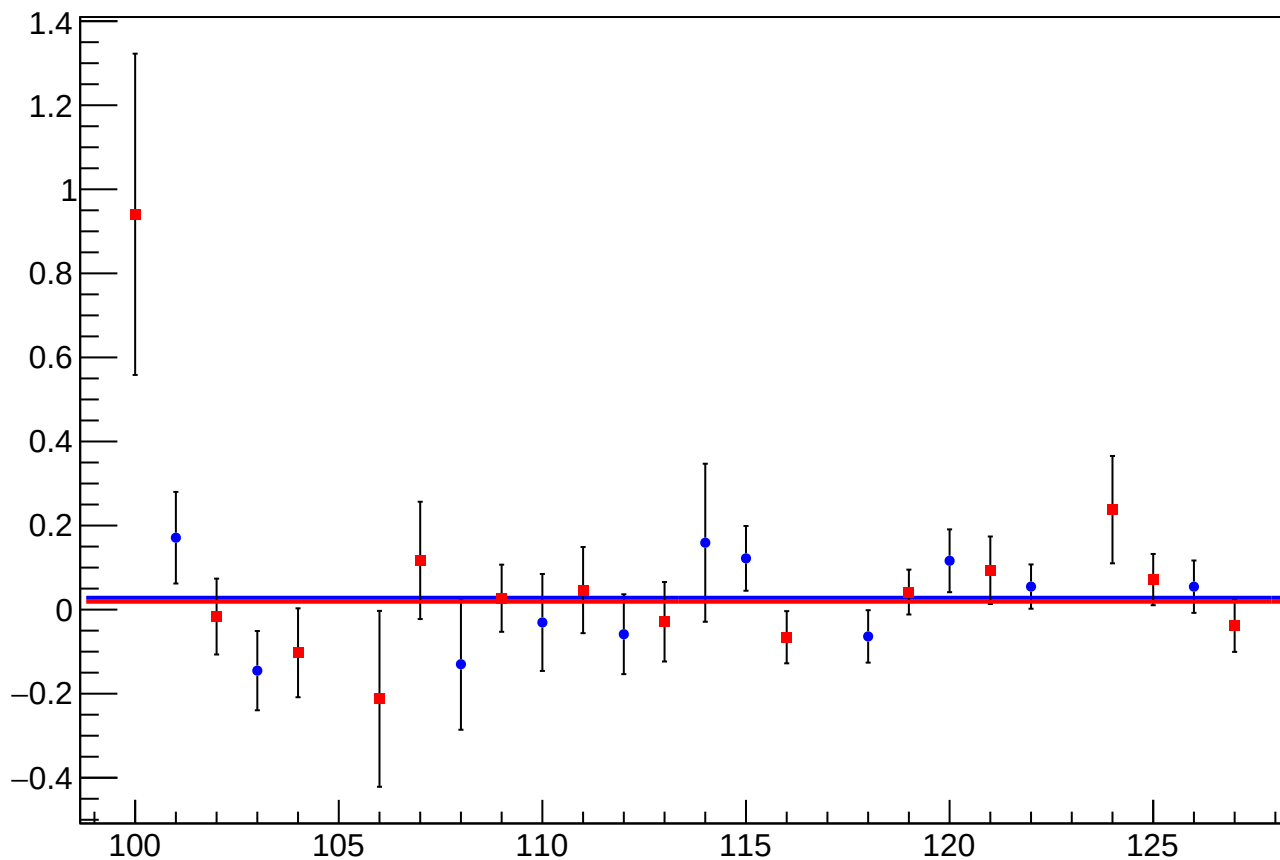
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 47.881 $\pm$ 0.012 χ^2 /NDF: 2012652.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.028 $\pm$ 0.024 χ^2 /NDF: 13.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.019 $\pm$ 0.022 χ^2 /NDF: 16.8/13

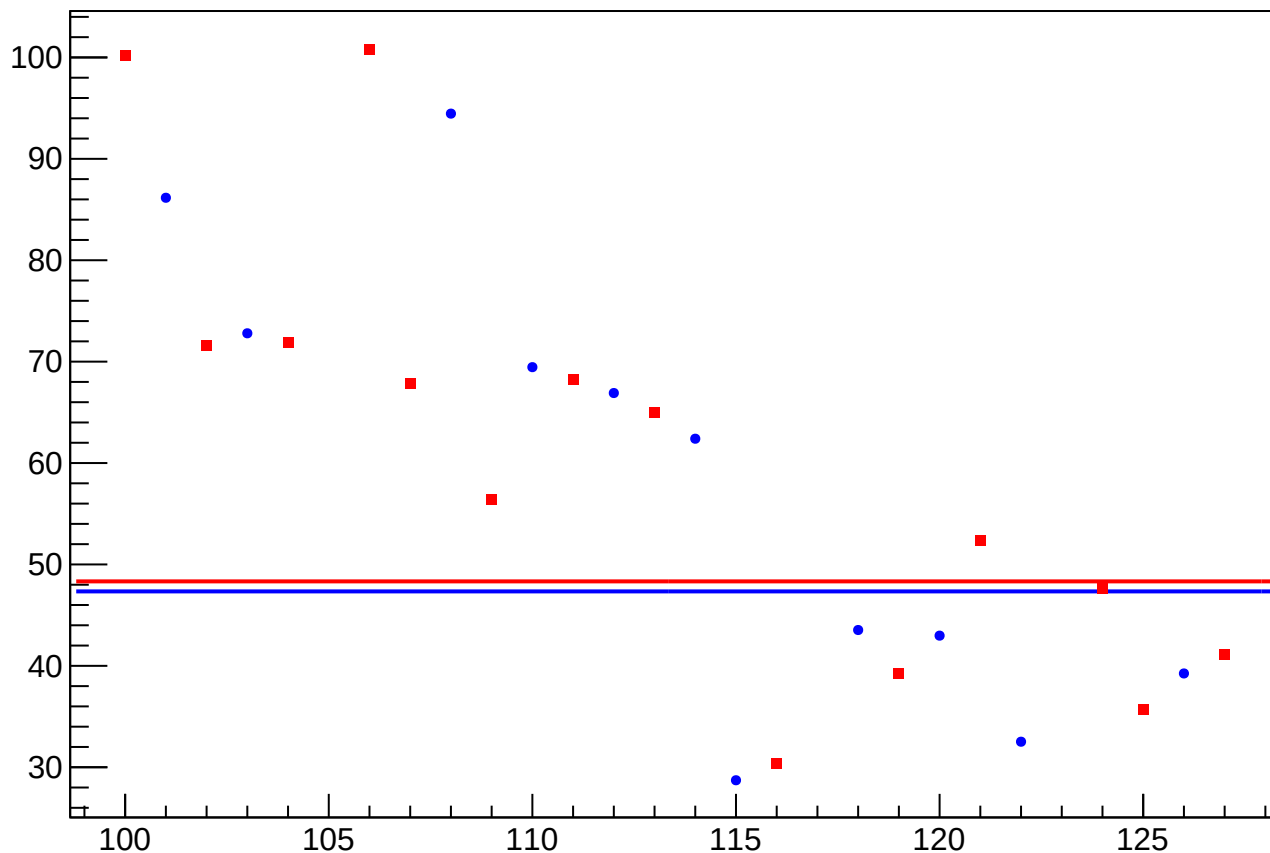
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.023 $\pm$ 0.016 χ^2 /NDF: 30.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 47.342+/-0.017 χ^2/NDF : 1076761.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.330+/-0.016 χ^2/NDF : 934105.4/13

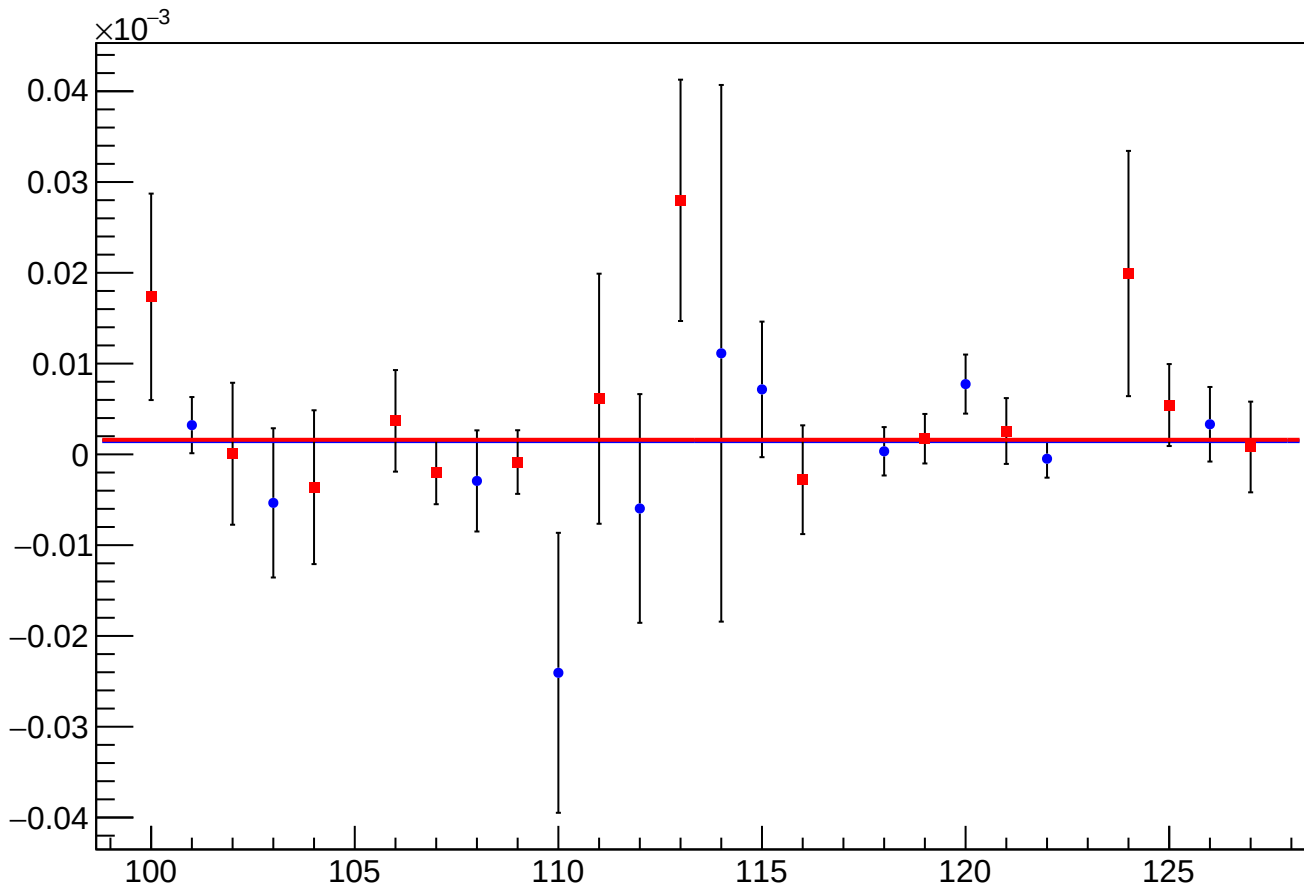
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.881+/-0.012 χ^2/NDF : 2012652.3/24

- 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: 10.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.2/13

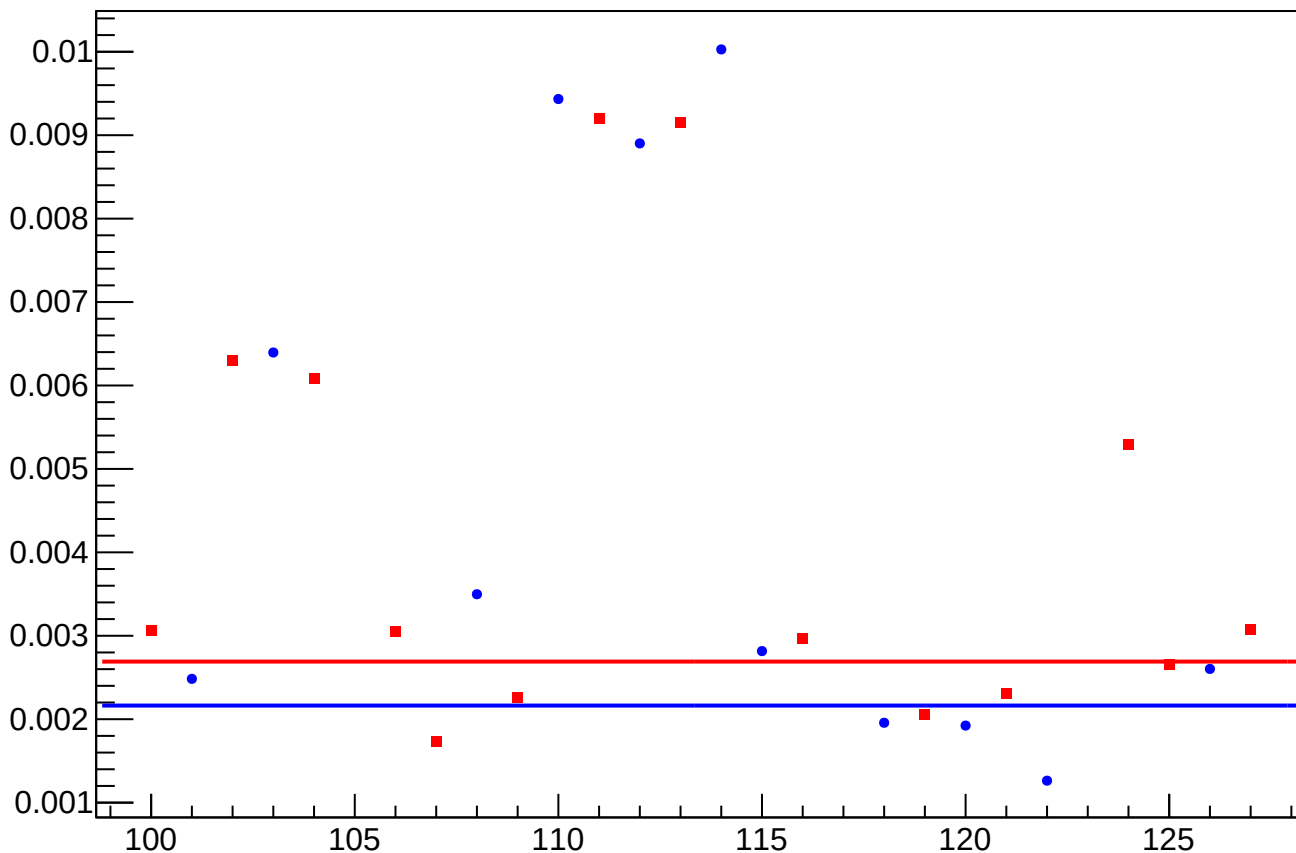
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 21.6/24

- 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: 0.002+/-0.000 χ^2/NDF : 2258661.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2076457.5/13

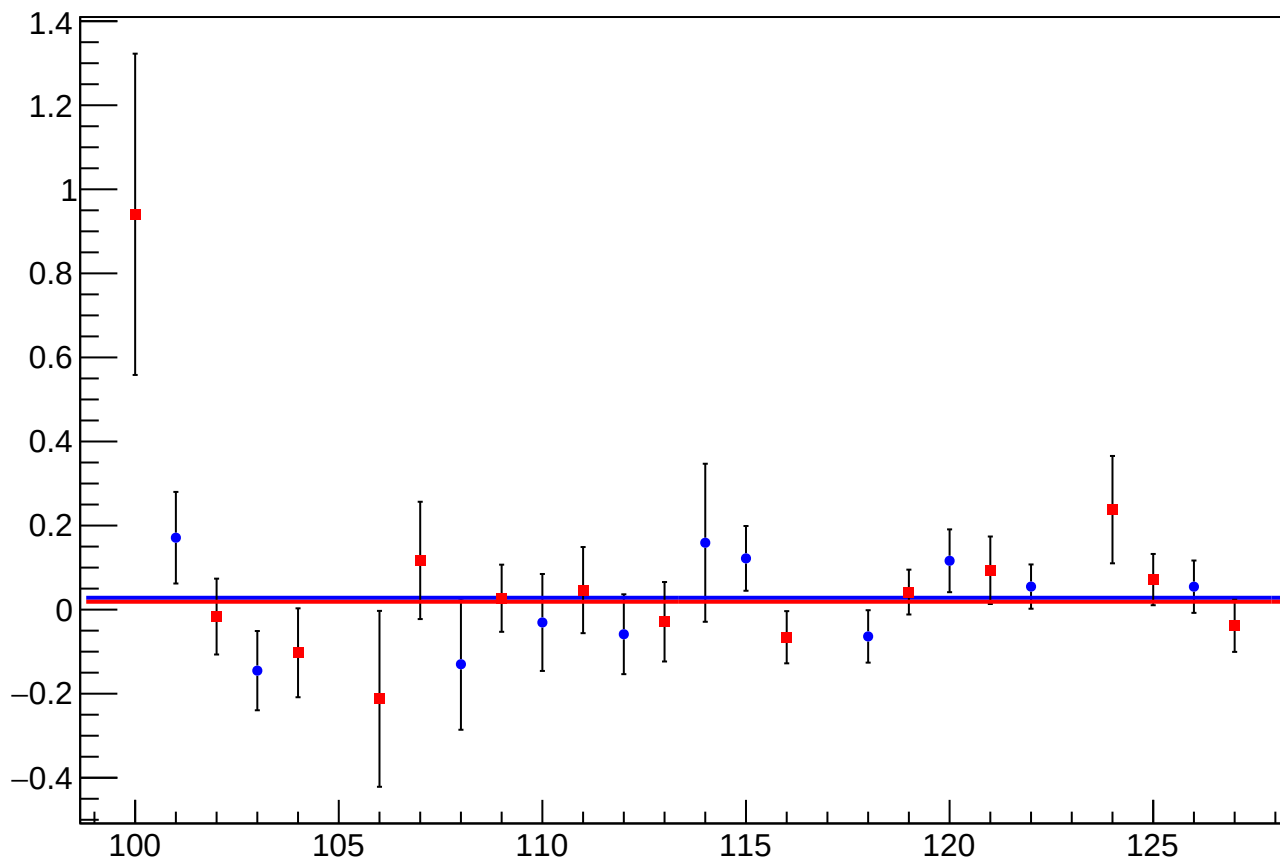
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4511338.6/24

- 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: 0.028 $\pm$ 0.024 χ^2 /NDF: 13.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.019 $\pm$ 0.022 χ^2 /NDF: 16.8/13

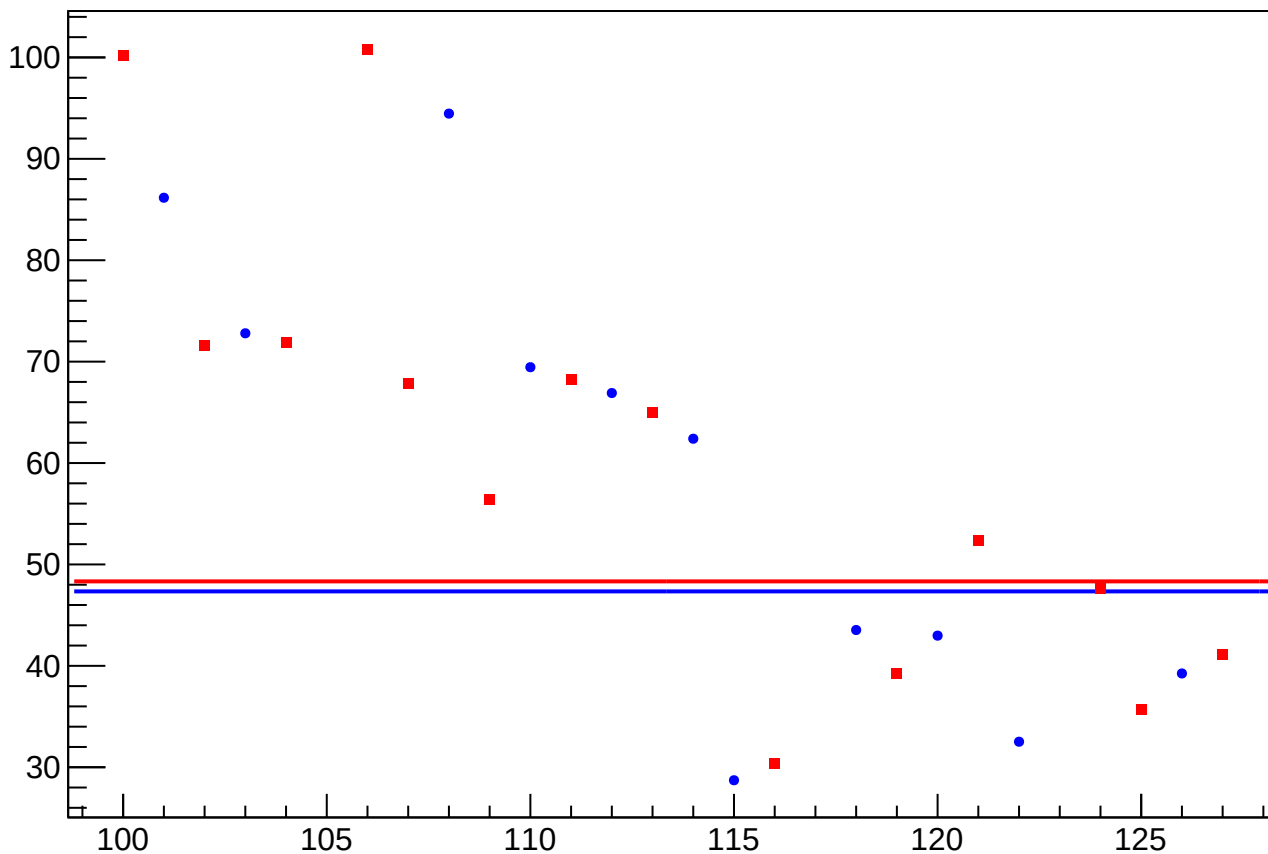
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.023 $\pm$ 0.016 χ^2 /NDF: 30.1/24

- 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: 47.342 $\pm$ 0.017 χ^2 /NDF: 1076727.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 48.330 $\pm$ 0.016 χ^2 /NDF: 934062.3/13

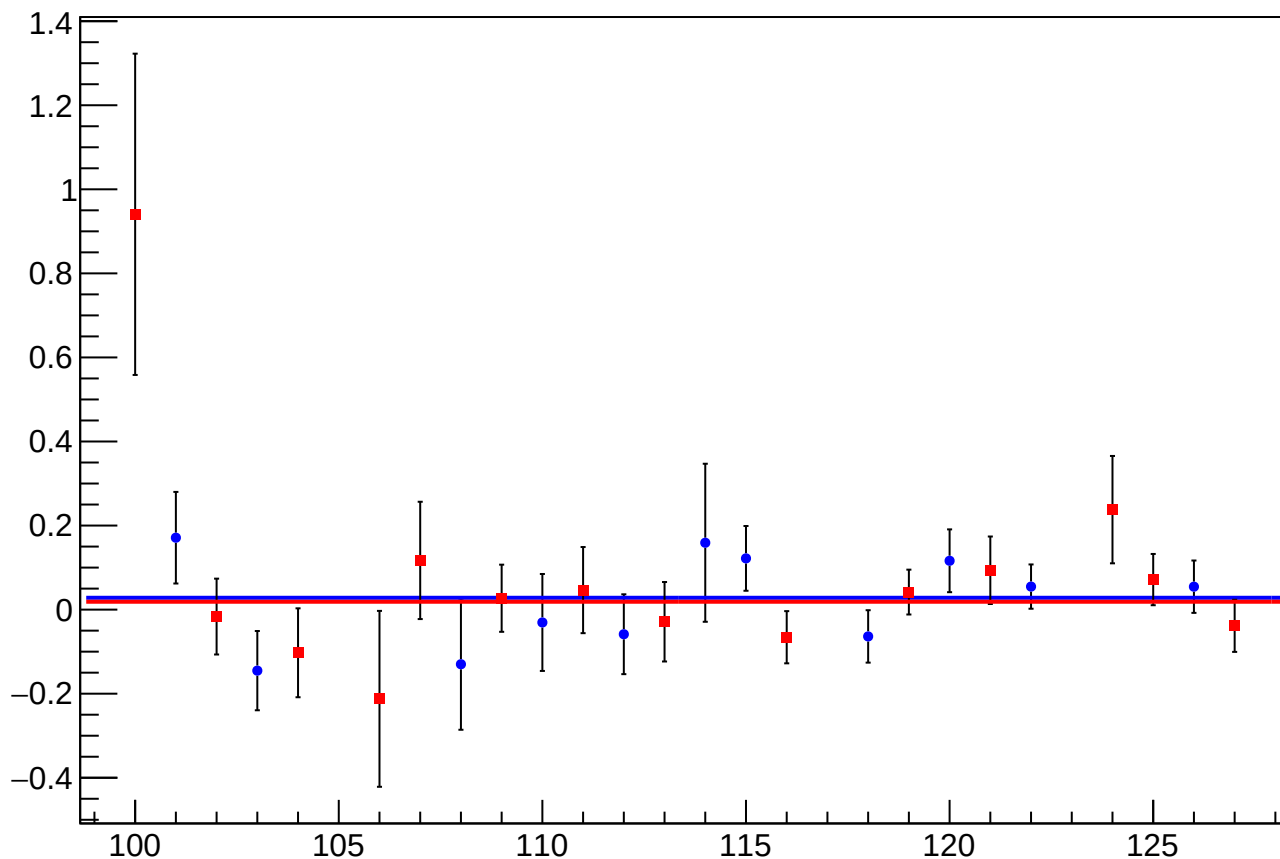
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 47.881 $\pm$ 0.012 χ^2 /NDF: 2012576.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.028 $\pm$ 0.024 χ^2 /NDF: 13.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.019 $\pm$ 0.022 χ^2 /NDF: 16.8/13

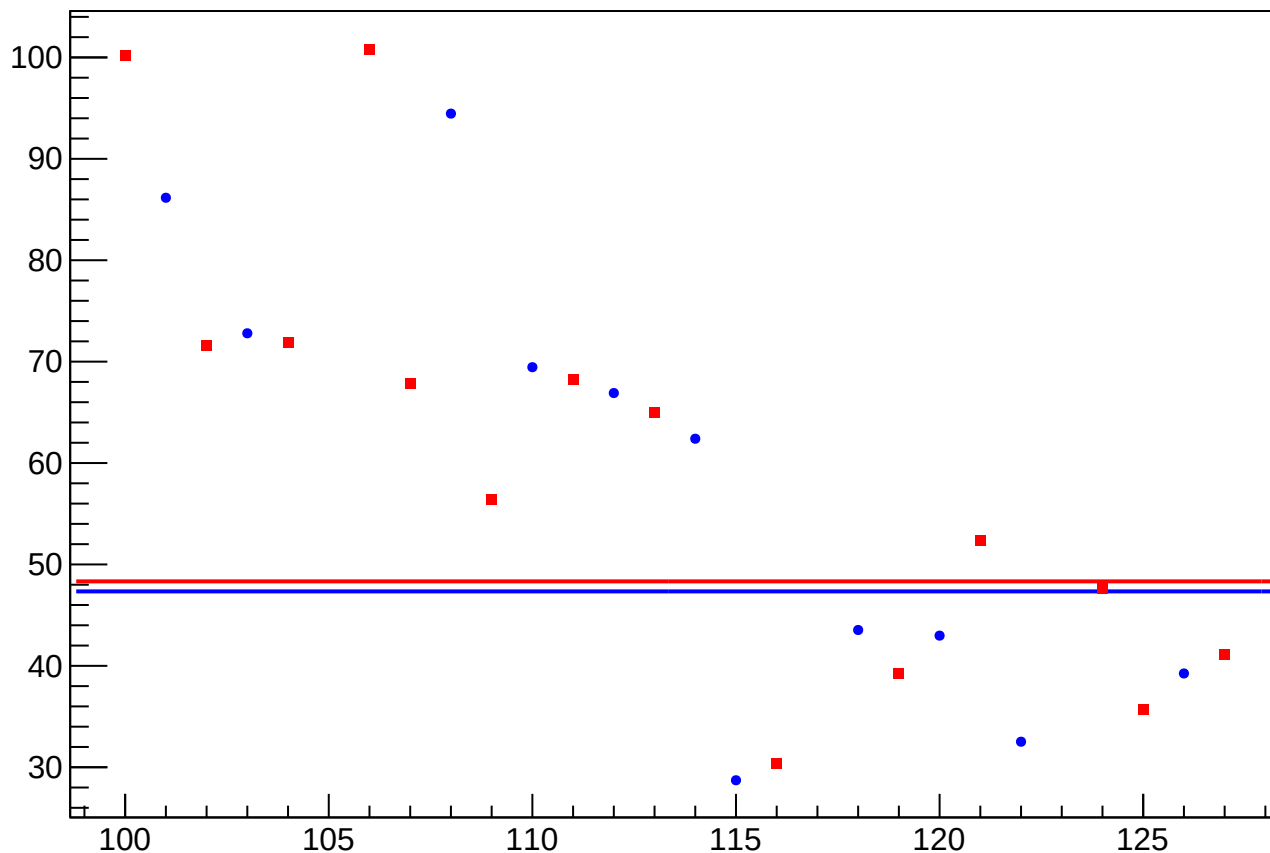
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.023 $\pm$ 0.016 χ^2 /NDF: 30.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 47.342 $\pm$ 0.017 χ^2 /NDF: 1076727.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 48.330 $\pm$ 0.016 χ^2 /NDF: 934062.3/13

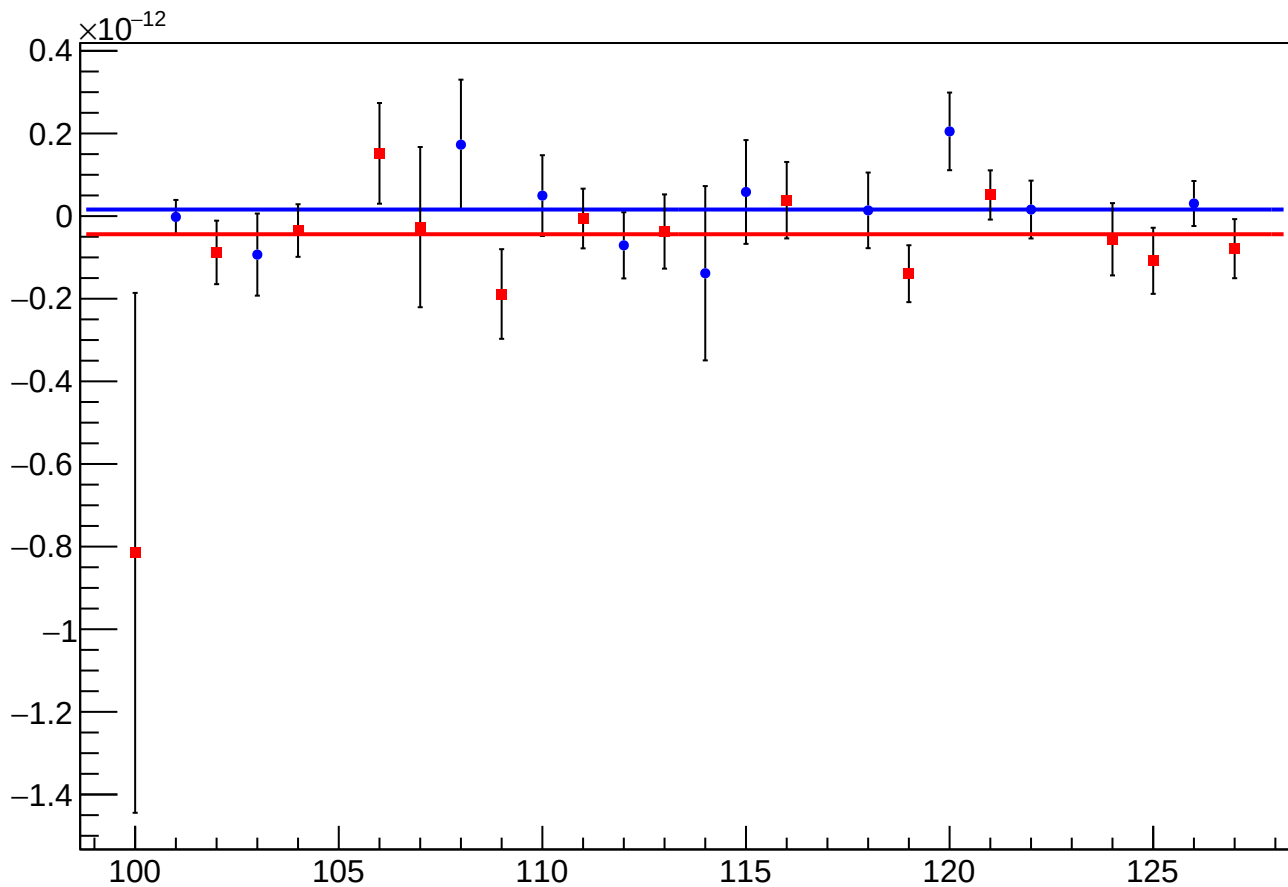
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 47.881 $\pm$ 0.012 χ^2 /NDF: 2012576.5/24

- 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 $\pm$ 0.000 χ^2 /NDF: 8.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.7/13

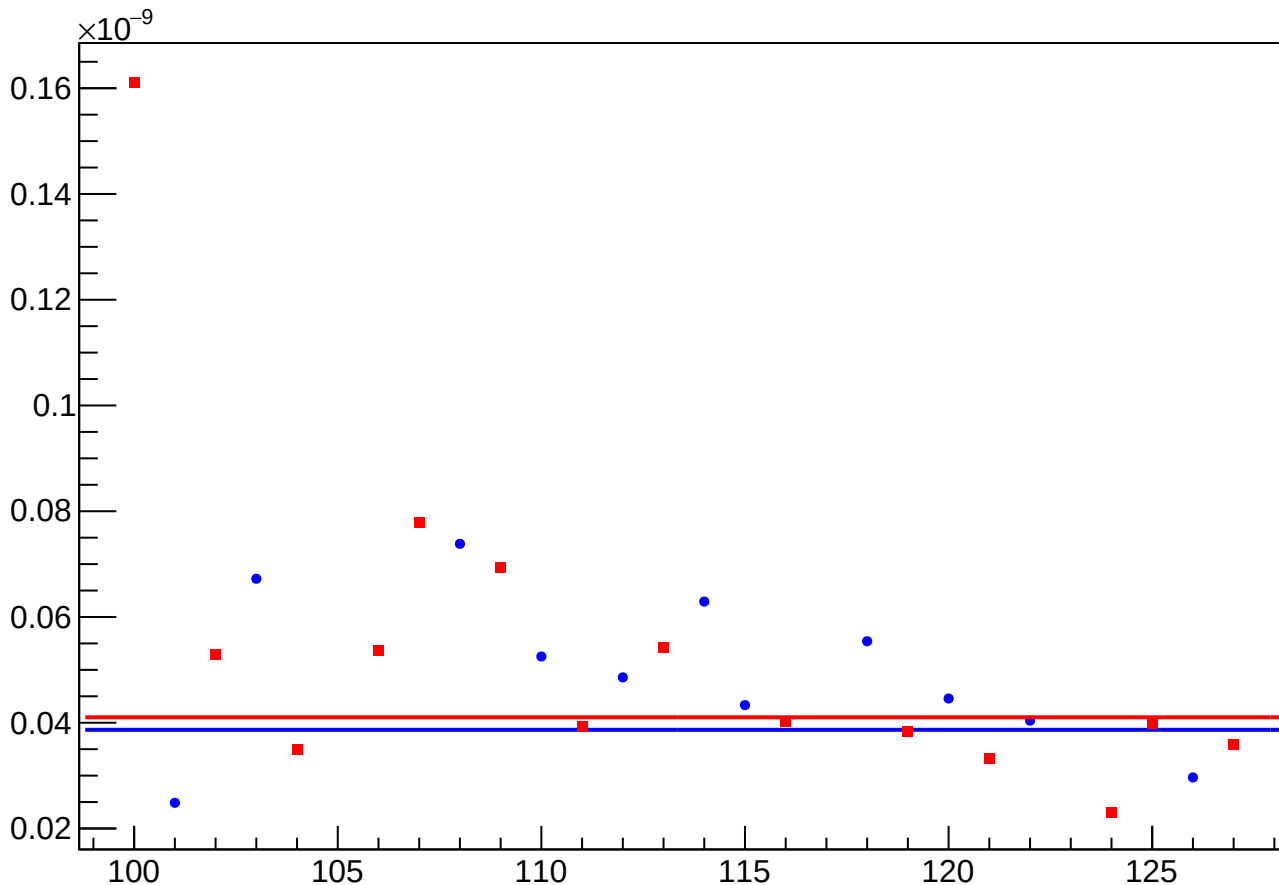
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 24.6/24

- sign 0.000 $\pm$ 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 : 720804.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 545875.2/13

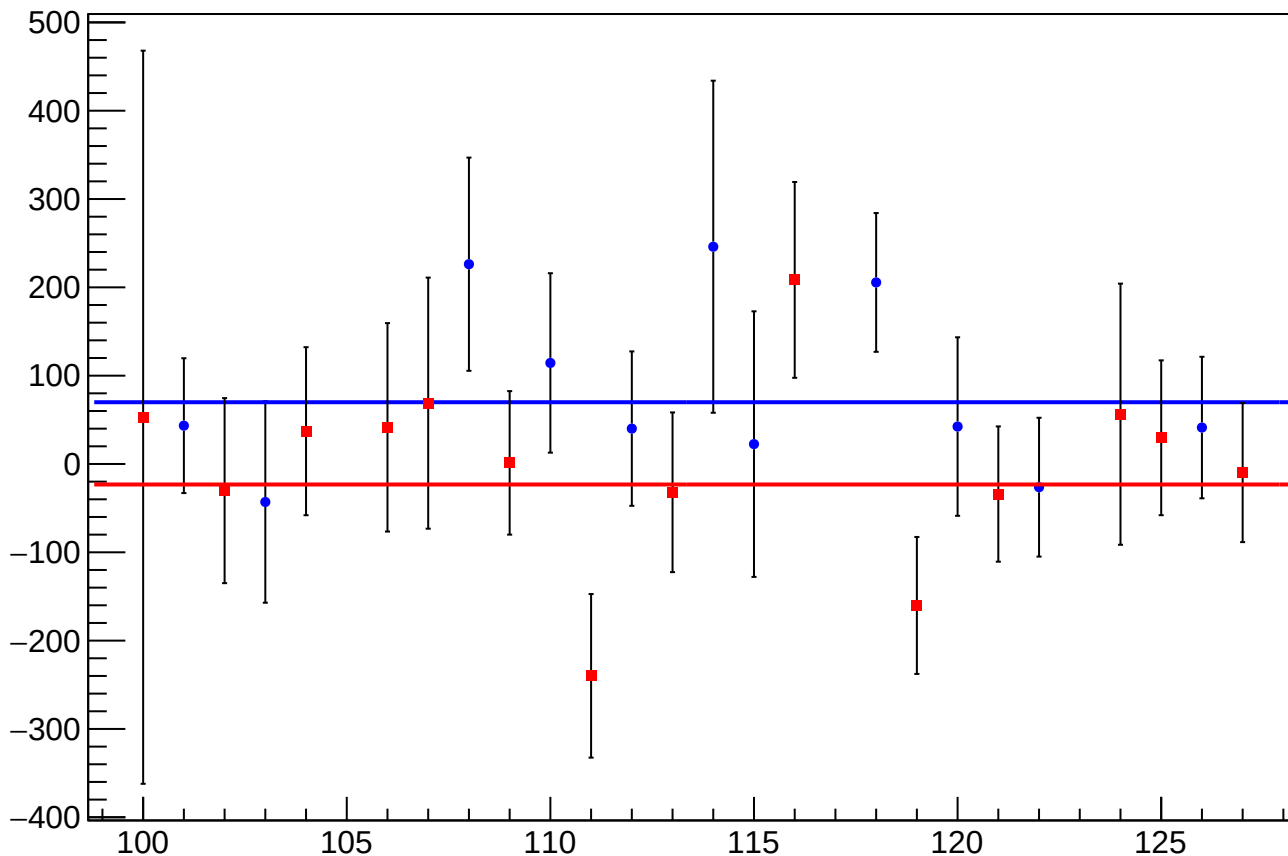
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1277488.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_mean vs Slug



Right In: 69.929+/-28.928 χ^2/NDF : 8.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -23.236+/-26.044 χ^2/NDF : 14.9/13

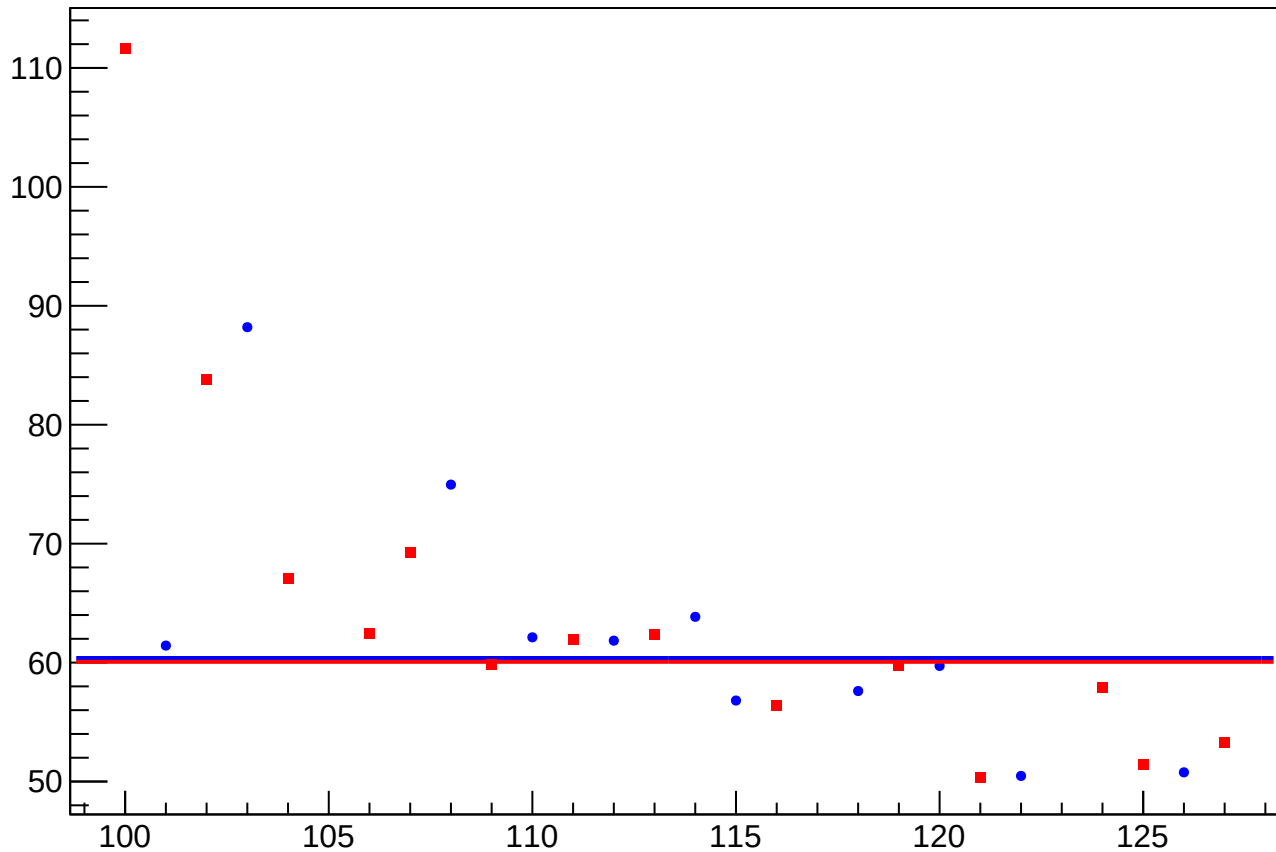
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.472+/-19.355 χ^2/NDF : 29.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_rms vs Slug



Right In: 60.387+/-0.020 χ^2/NDF : 214708.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.066+/-0.018 χ^2/NDF : 224783.4/13

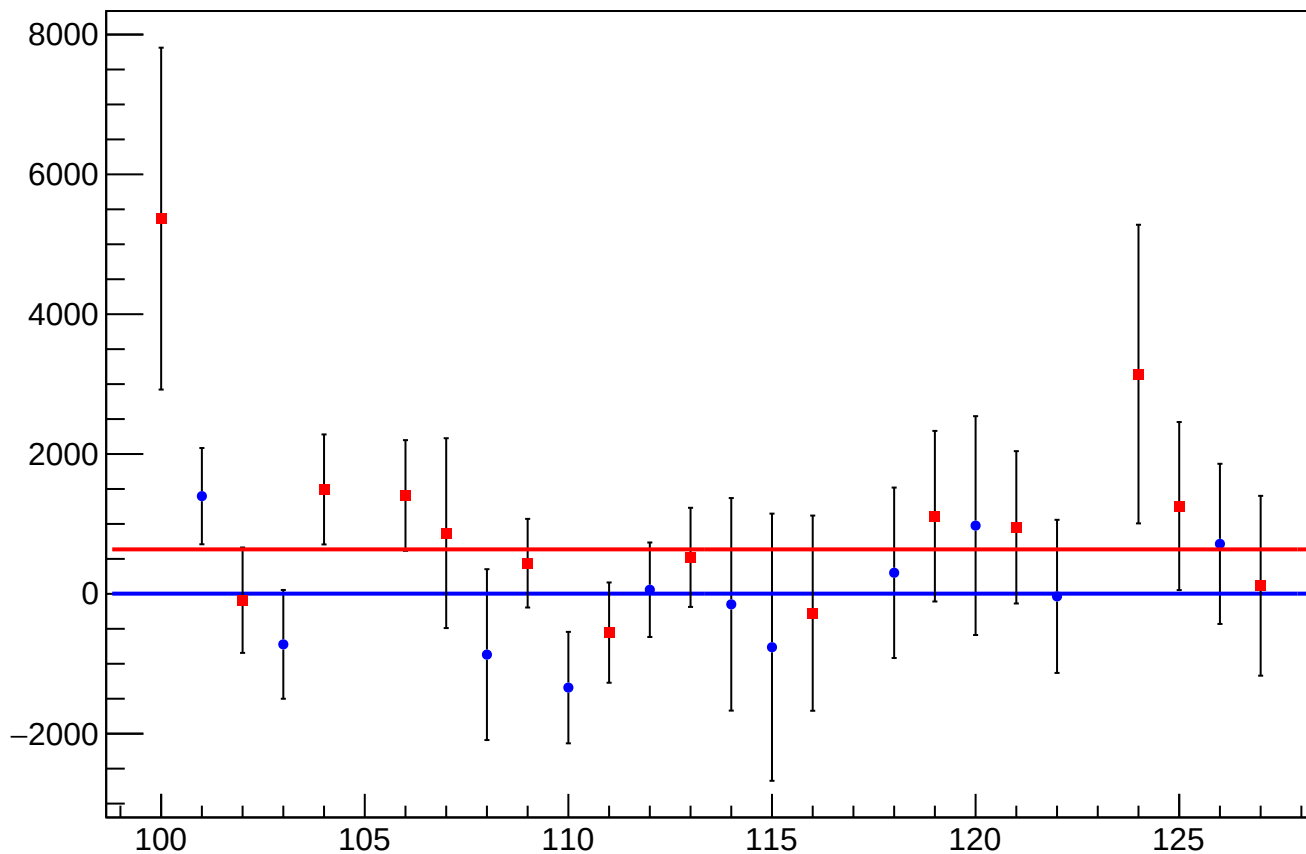
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.210+/-0.014 χ^2/NDF : 439626.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_reg_correction_mean vs Slug



Right In: 2.890+/-293.896 χ^2/NDF : 9.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 636.102+/-252.782 χ^2/NDF : 12.2/13

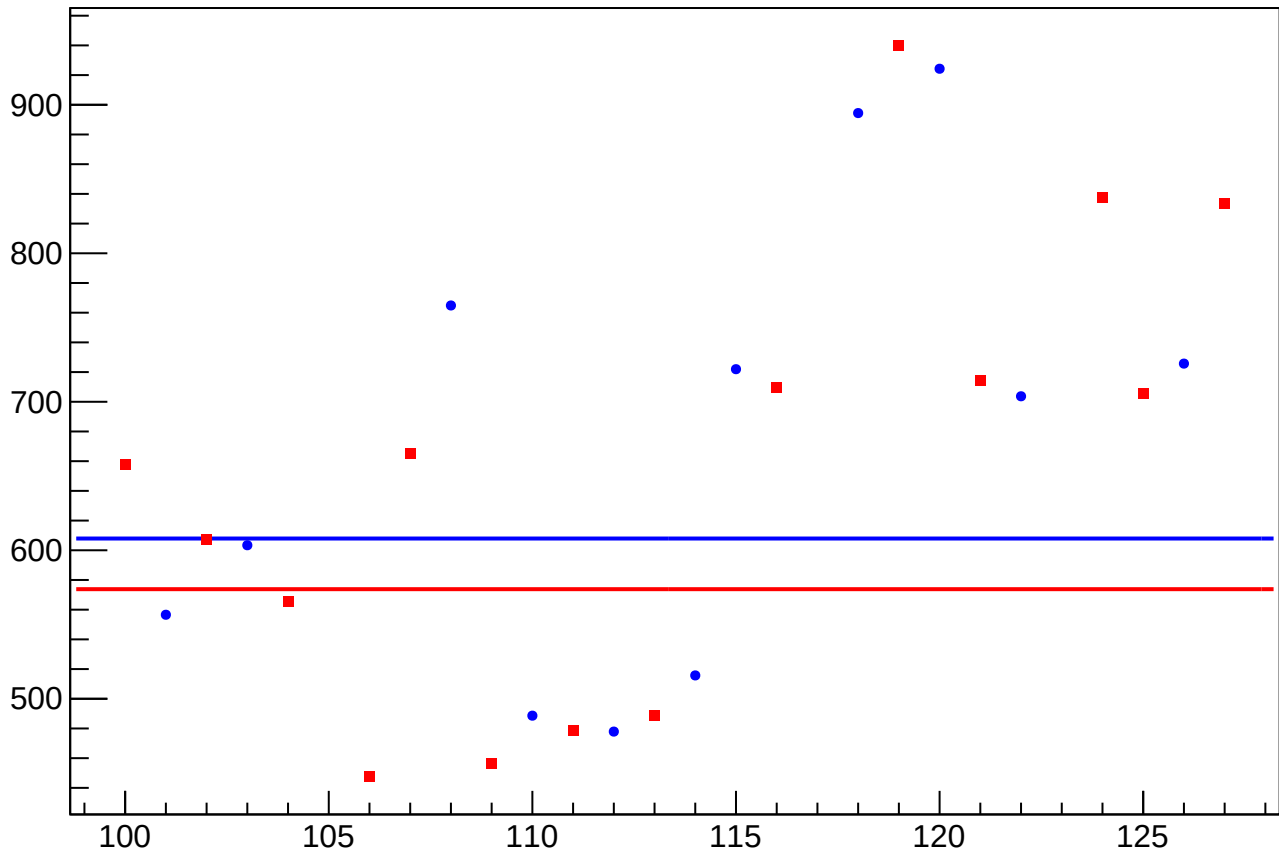
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 366.851+/-191.645 χ^2/NDF : 24.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_reg_correction_rms vs Slug



Right In: 607.914 $\pm$ 0.208 χ^2 /NDF: 406082.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 573.806 $\pm$ 0.179 χ^2 /NDF: 567266.6/13

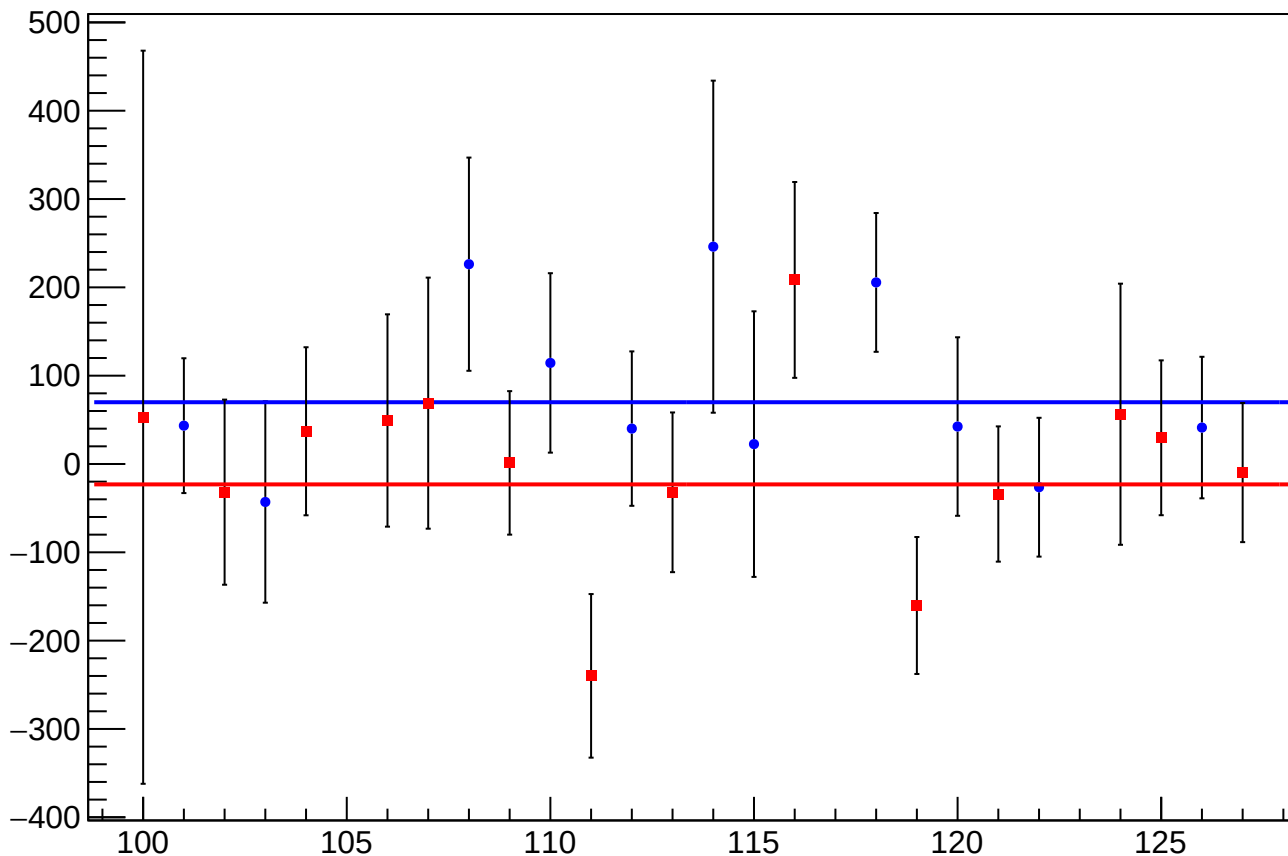
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 588.309 $\pm$ 0.136 χ^2 /NDF: 988832.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_15_48_dd_mean vs Slug



Right In: 69.939 $\pm$ 28.928 χ^2 /NDF: 8.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -23.101 $\pm$ 26.068 χ^2 /NDF: 15.0/13

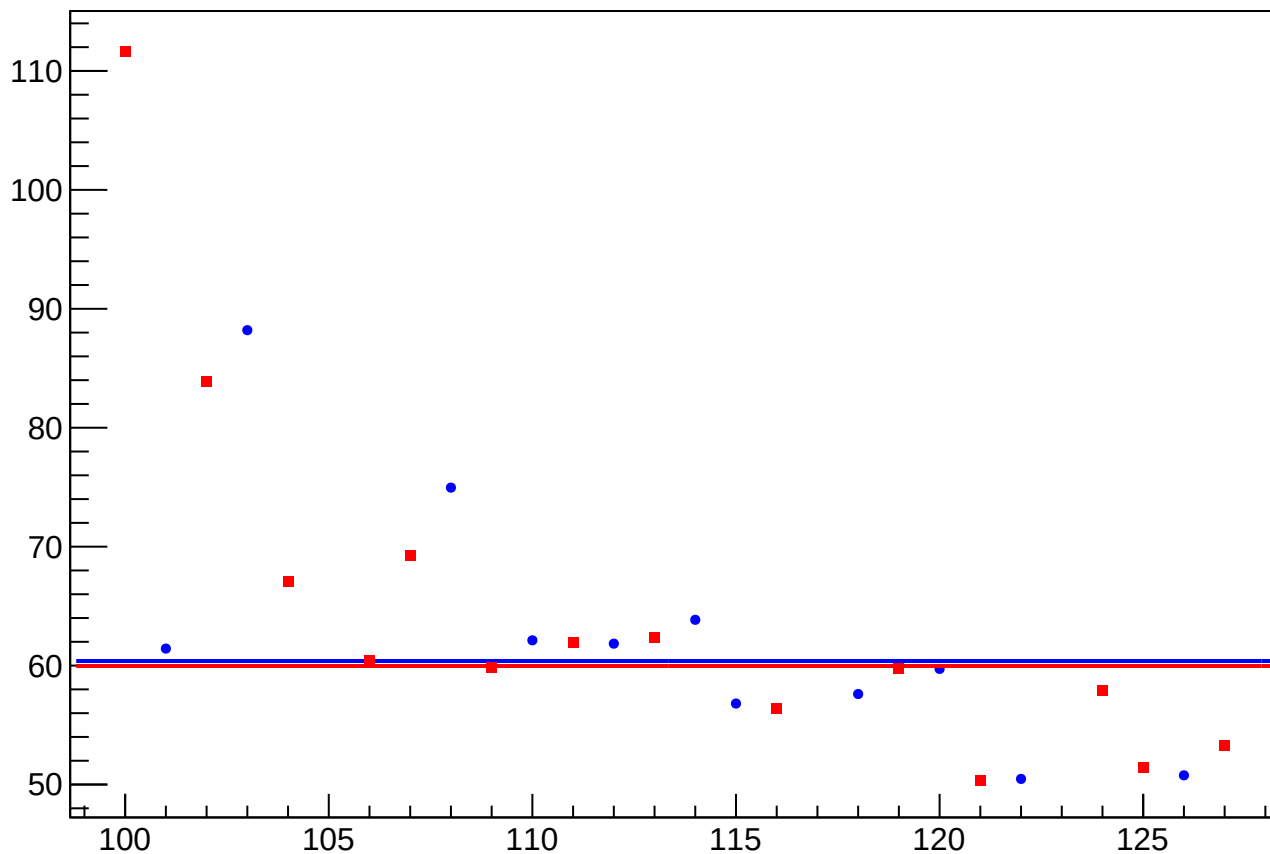
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.592 $\pm$ 19.365 χ^2 /NDF: 29.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_15_48_dd_rms vs Slug



Right In: 60.387+/-0.020 χ^2/NDF : 214711.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.967+/-0.018 χ^2/NDF : 224174.1/13

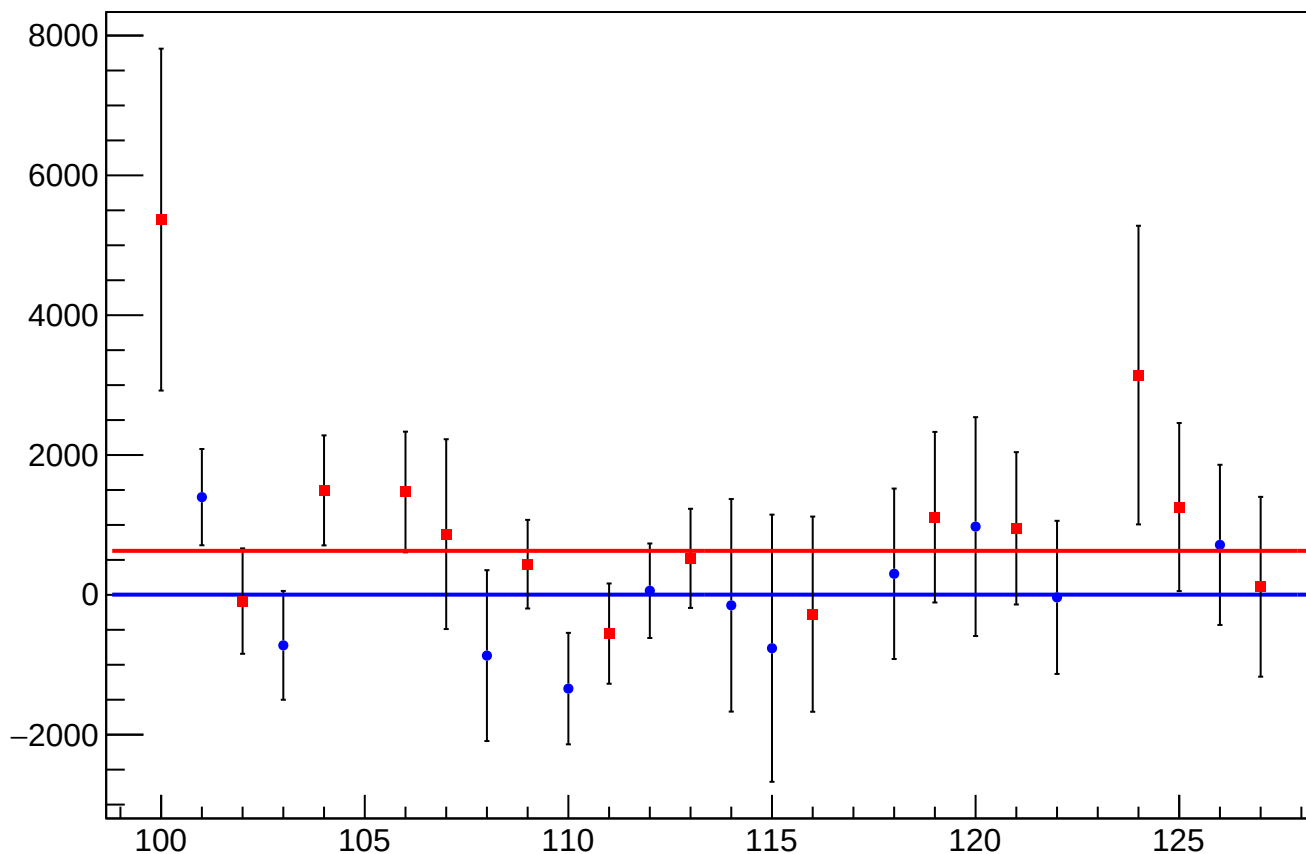
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.155+/-0.014 χ^2/NDF : 439117.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_cor_correction_mean vs Slug



Right In: 2.946+/-293.899 χ^2/NDF : 9.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 629.357+/-254.867 χ^2/NDF : 12.2/13

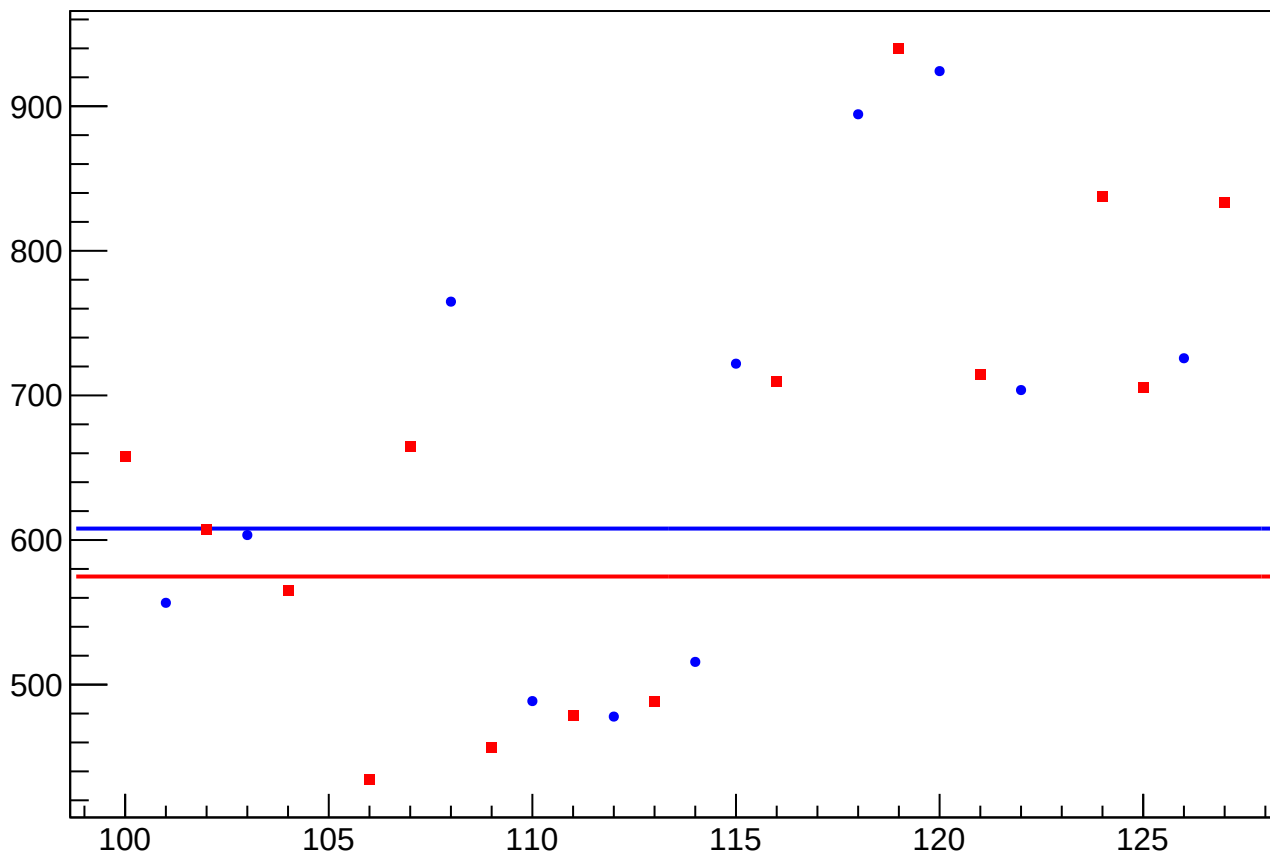
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 360.482+/-192.550 χ^2/NDF : 24.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_cor_correction_rms vs Slug



Right In: 607.921+/-0.208 χ^2/NDF : 406080.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 574.761+/-0.180 χ^2/NDF : 568656.7/13

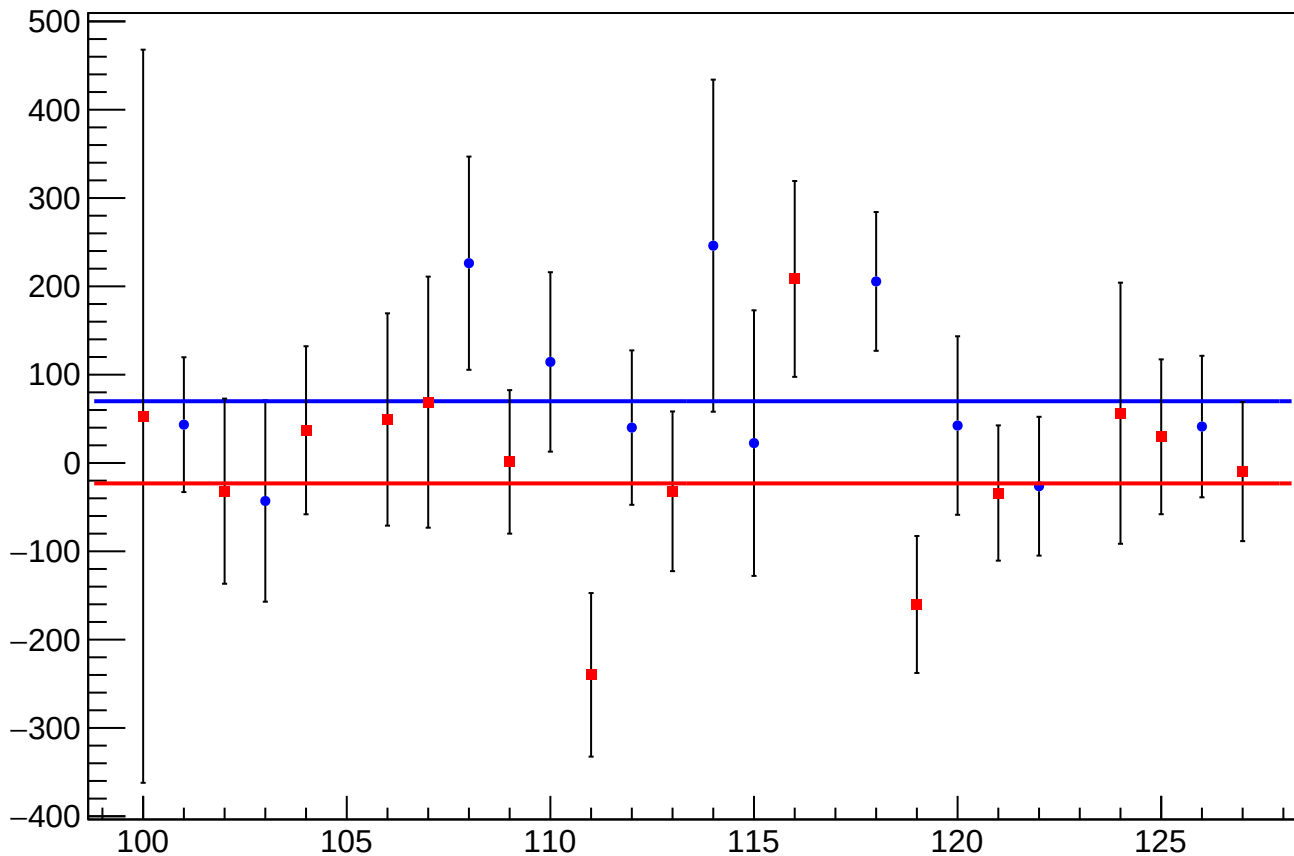
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 588.994+/-0.136 χ^2/NDF : 989269.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_48_dd_mean vs Slug



Right In: 69.939+/-28.928 χ^2/NDF : 8.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -23.101+/-26.068 χ^2/NDF : 15.0/13

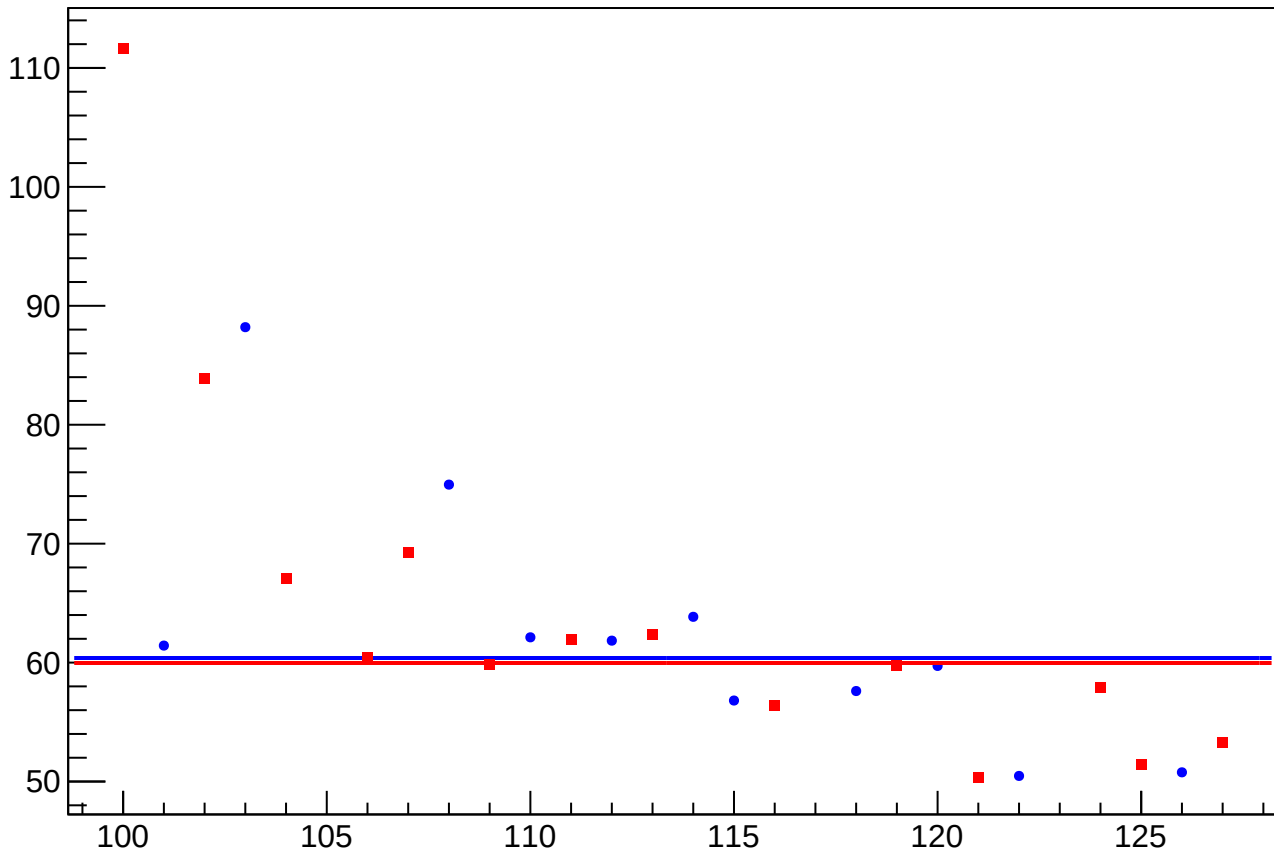
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.592+/-19.365 χ^2/NDF : 29.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_48_dd_rms vs Slug



Right In: 60.387+/-0.020 χ^2/NDF : 214711.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.967+/-0.018 χ^2/NDF : 224174.1/13

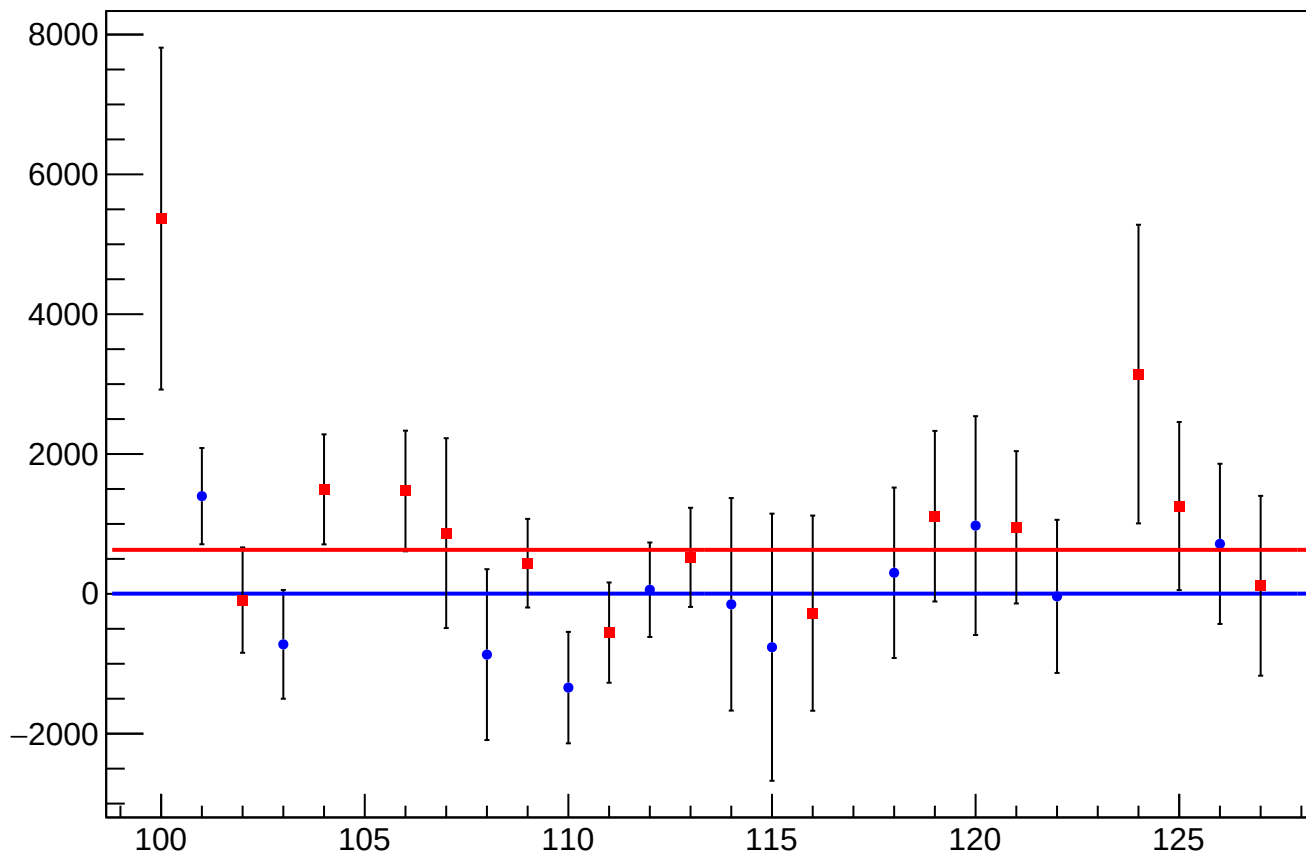
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.155+/-0.014 χ^2/NDF : 439117.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_eigen_cor_correction_mean vs Slug



Right In: 2.946+/-293.899 χ^2/NDF : 9.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 629.357+/-254.867 χ^2/NDF : 12.2/13

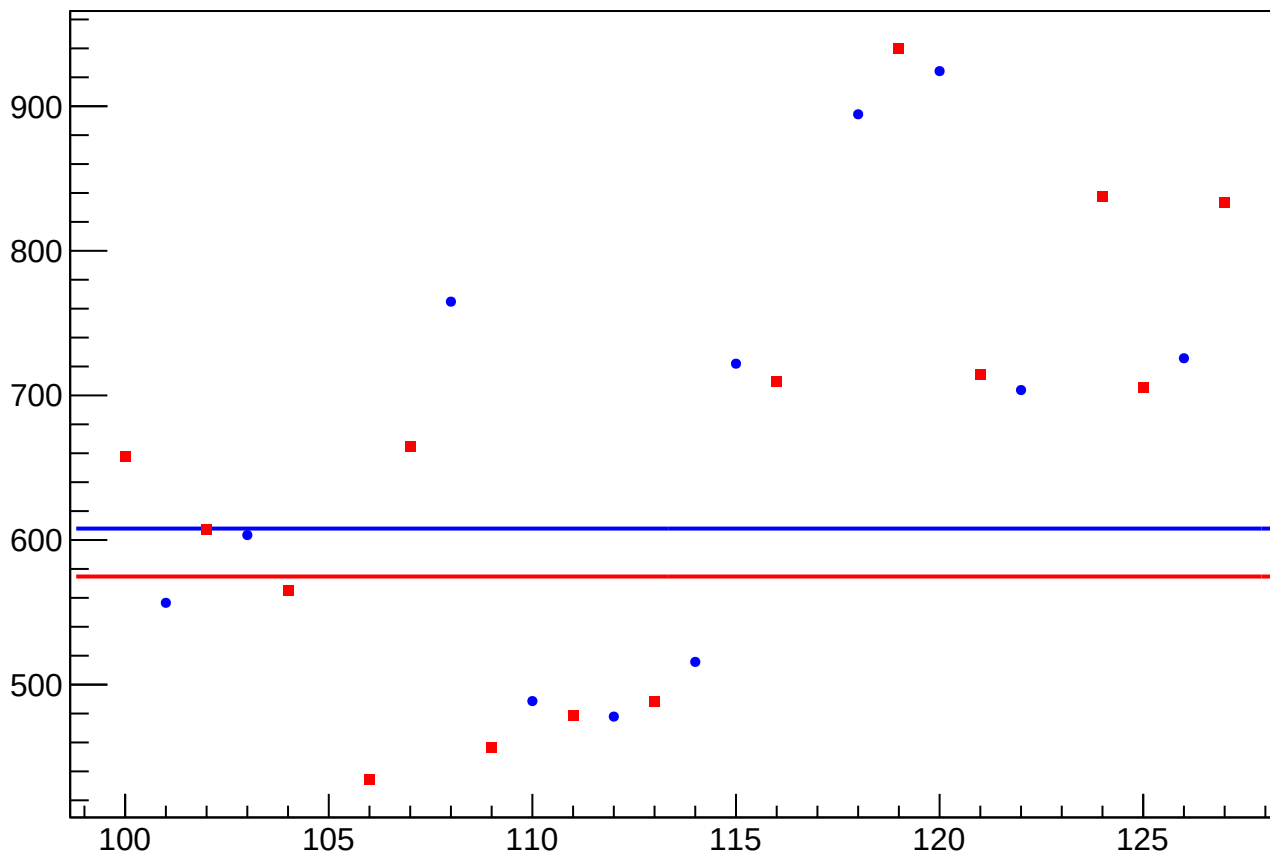
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 360.482+/-192.550 χ^2/NDF : 24.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_eigen_cor_correction_rms vs Slug



Right In: 607.921+/-0.208 χ^2/NDF : 406080.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 574.761+/-0.180 χ^2/NDF : 568656.7/13

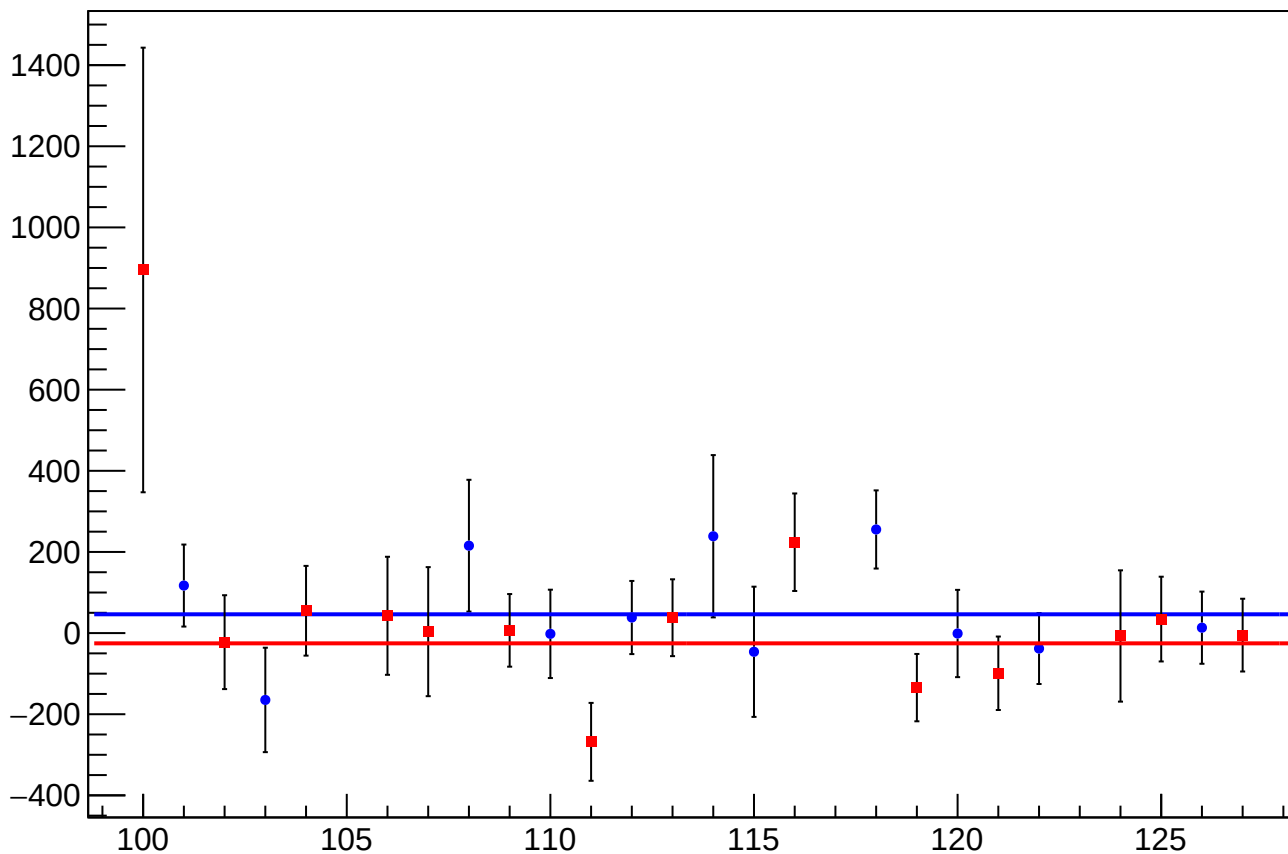
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 588.994+/-0.136 χ^2/NDF : 989269.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_48_dd_mean vs Slug



Right In: 46.319+/-32.992 χ^2/NDF : 11.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.290+/-29.089 χ^2/NDF : 17.7/13

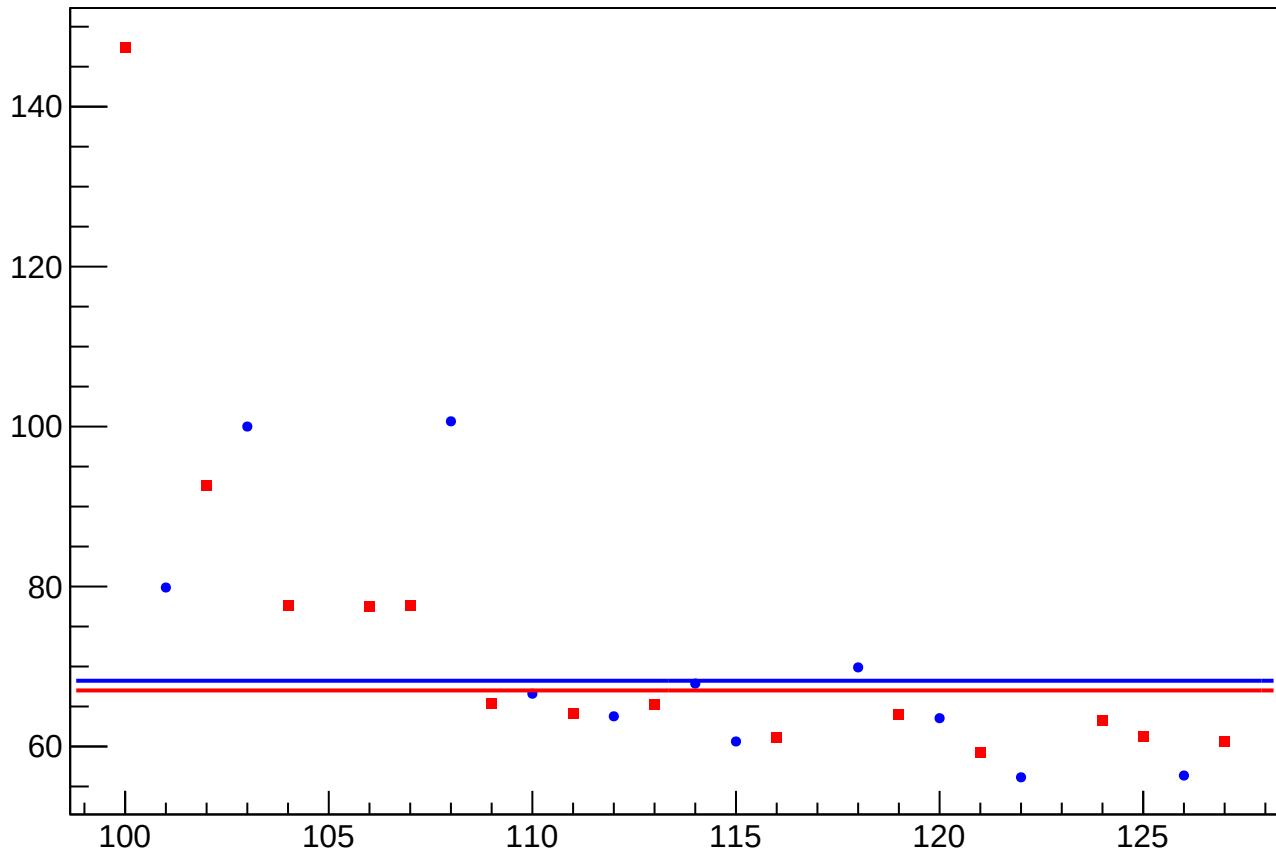
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.030+/-21.819 χ^2/NDF : 32.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_48_dd_rms vs Slug



Right In: 68.221 ± 0.023 χ^2/NDF : 316153.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 67.008 ± 0.021 χ^2/NDF : 221939.1/13

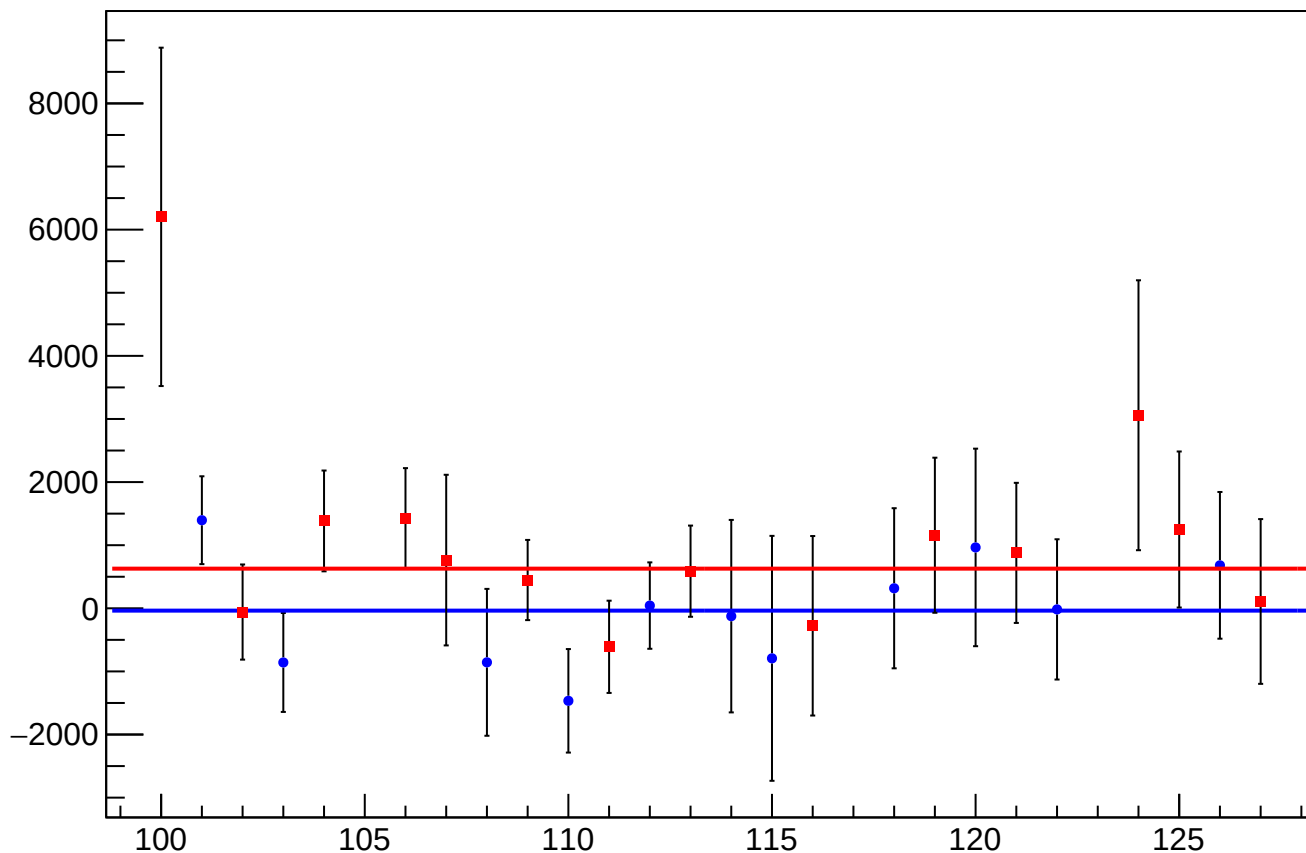
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 67.538 ± 0.015 χ^2/NDF : 539615.0/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_dit_correction_mean vs Slug



Right In: -36.810 ± 297.141 χ^2/NDF : 9.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 628.410 ± 255.617 χ^2/NDF : 12.4/13

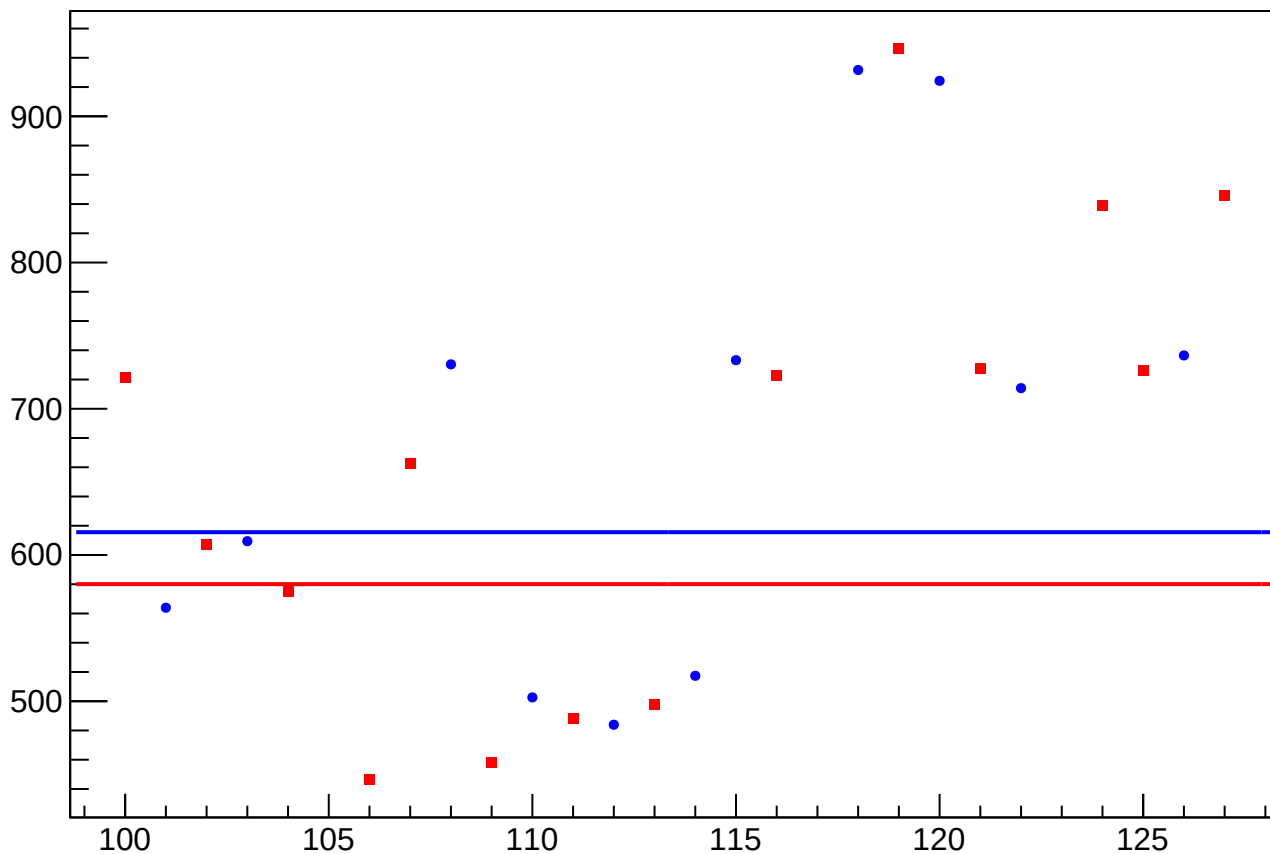
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 345.492 ± 193.781 χ^2/NDF : 25.2/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_dit_correction_rms vs Slug



Right In: 615.592+/-0.210 χ^2/NDF : 397470.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 580.062+/-0.181 χ^2/NDF : 577205.9/13

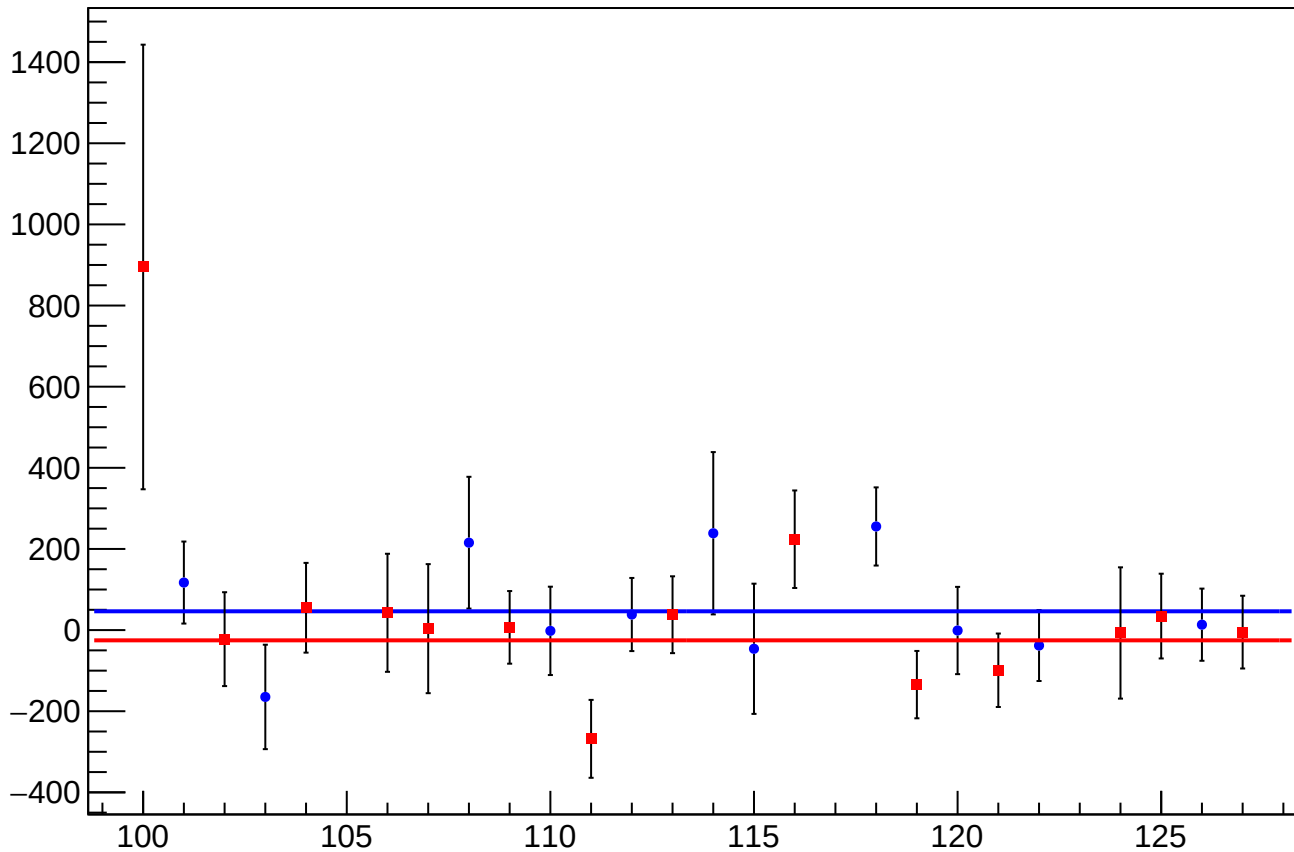
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 595.172+/-0.137 χ^2/NDF : 991110.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_15_48_dd_mean vs Slug



Right In: 46.318 $\pm$ 32.992 χ^2 /NDF: 11.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -25.290 $\pm$ 29.089 χ^2 /NDF: 17.7/13

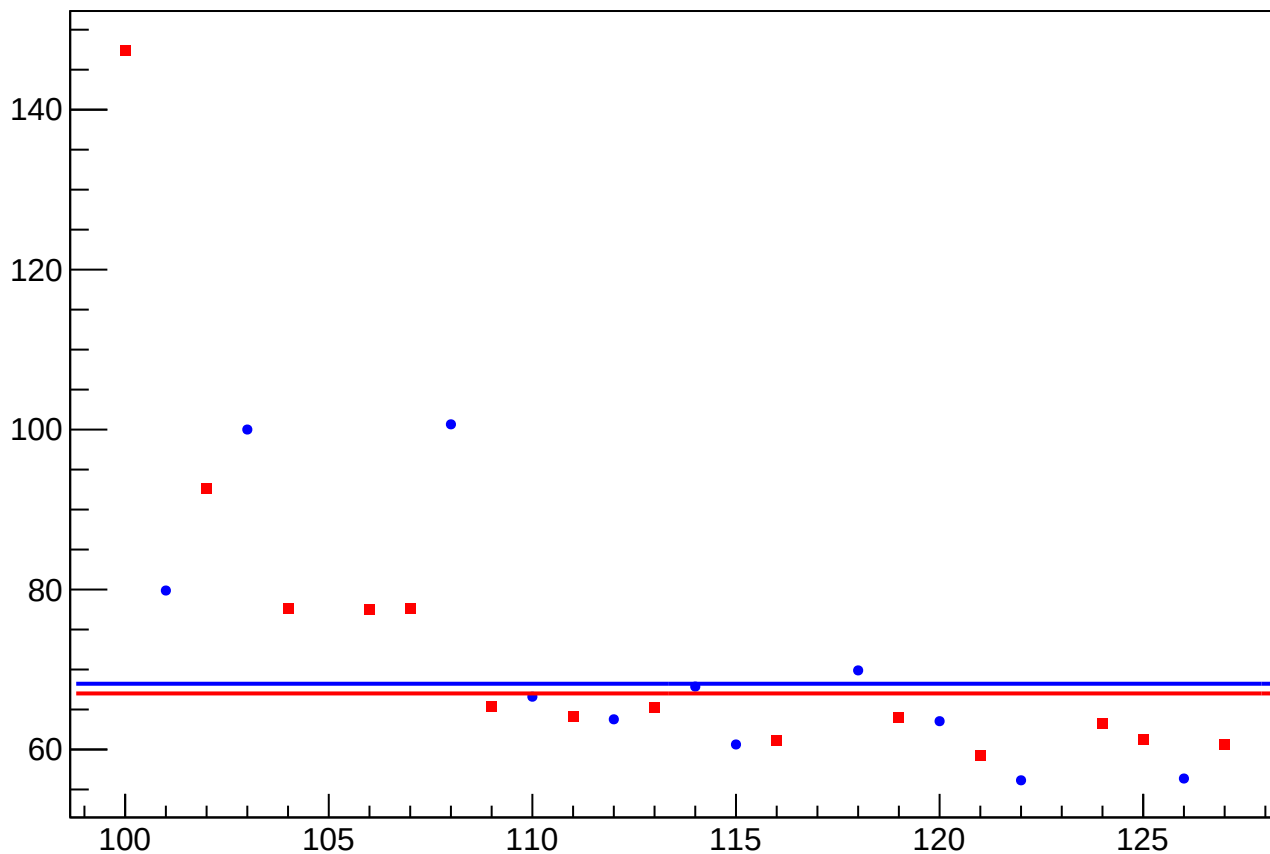
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.029 $\pm$ 21.819 χ^2 /NDF: 32.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_15_48_dd_rms vs Slug



Right In: 68.221+/-0.023 χ^2/NDF : 316157.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.008+/-0.021 χ^2/NDF : 221943.8/13

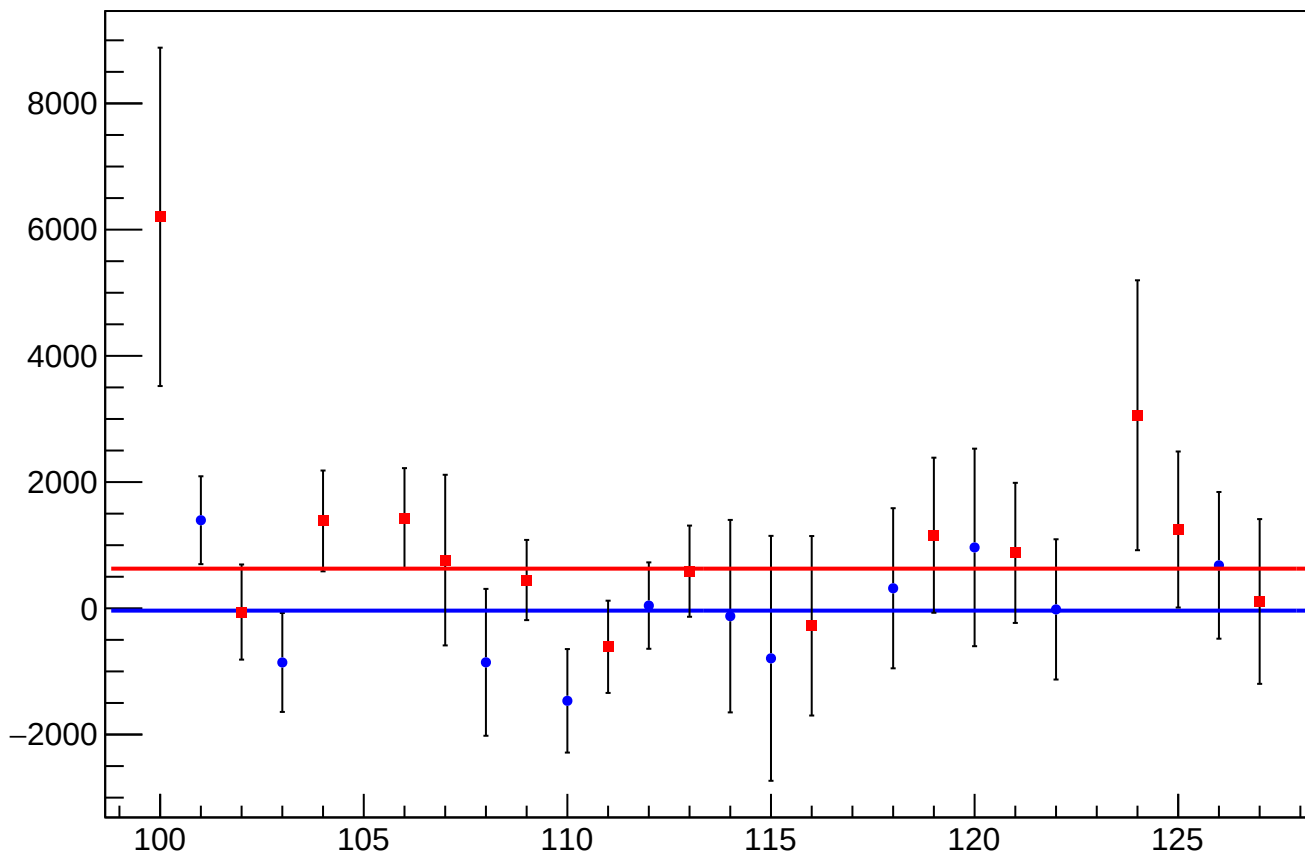
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.538+/-0.015 χ^2/NDF : 539624.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_eigen_dit_correction_mean vs Slug



Right In: -36.810 $\pm$ 297.141 χ^2 /NDF: 9.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 628.409 $\pm$ 255.617 χ^2 /NDF: 12.4/13

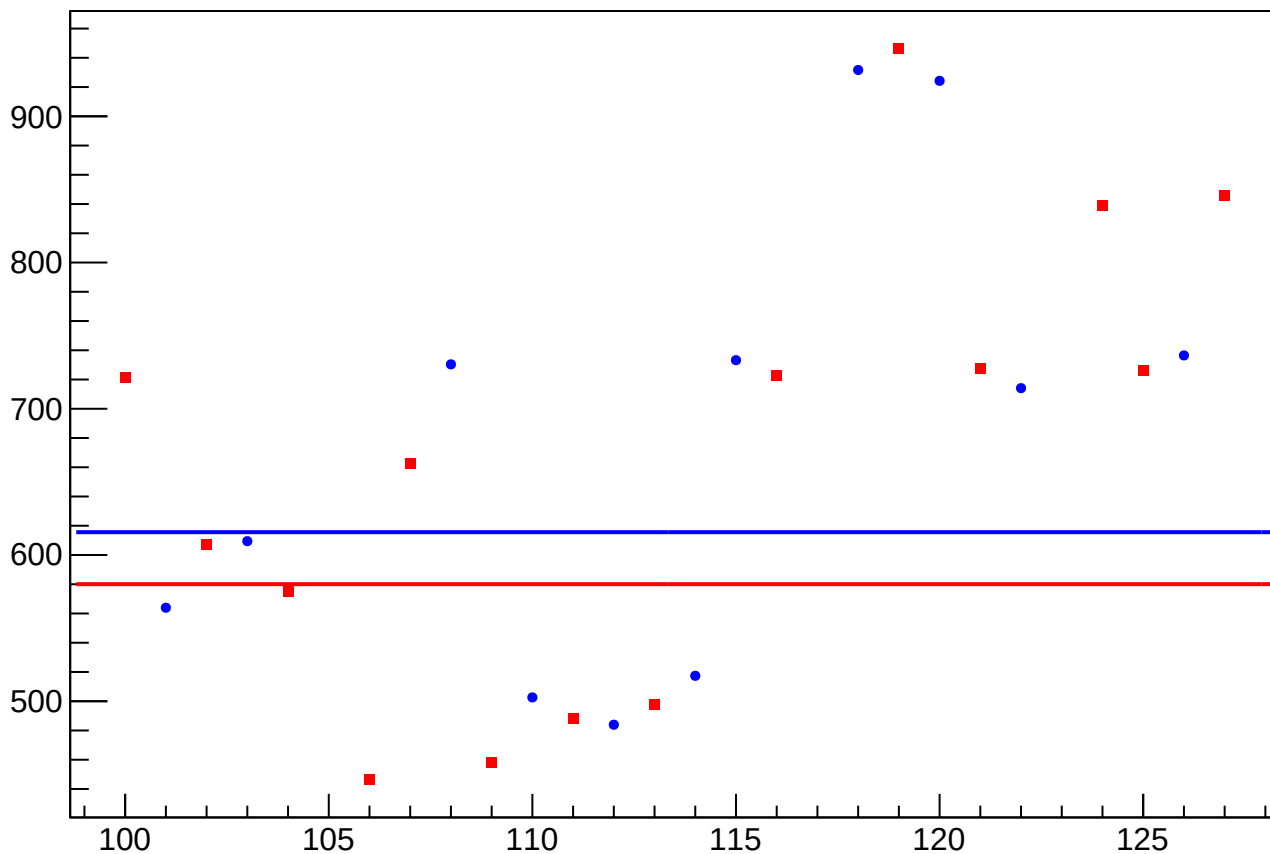
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 345.491 $\pm$ 193.780 χ^2 /NDF: 25.2/24

- 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: 615.591+/-0.210 χ^2/NDF : 397472.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 580.061+/-0.181 χ^2/NDF : 577207.6/13

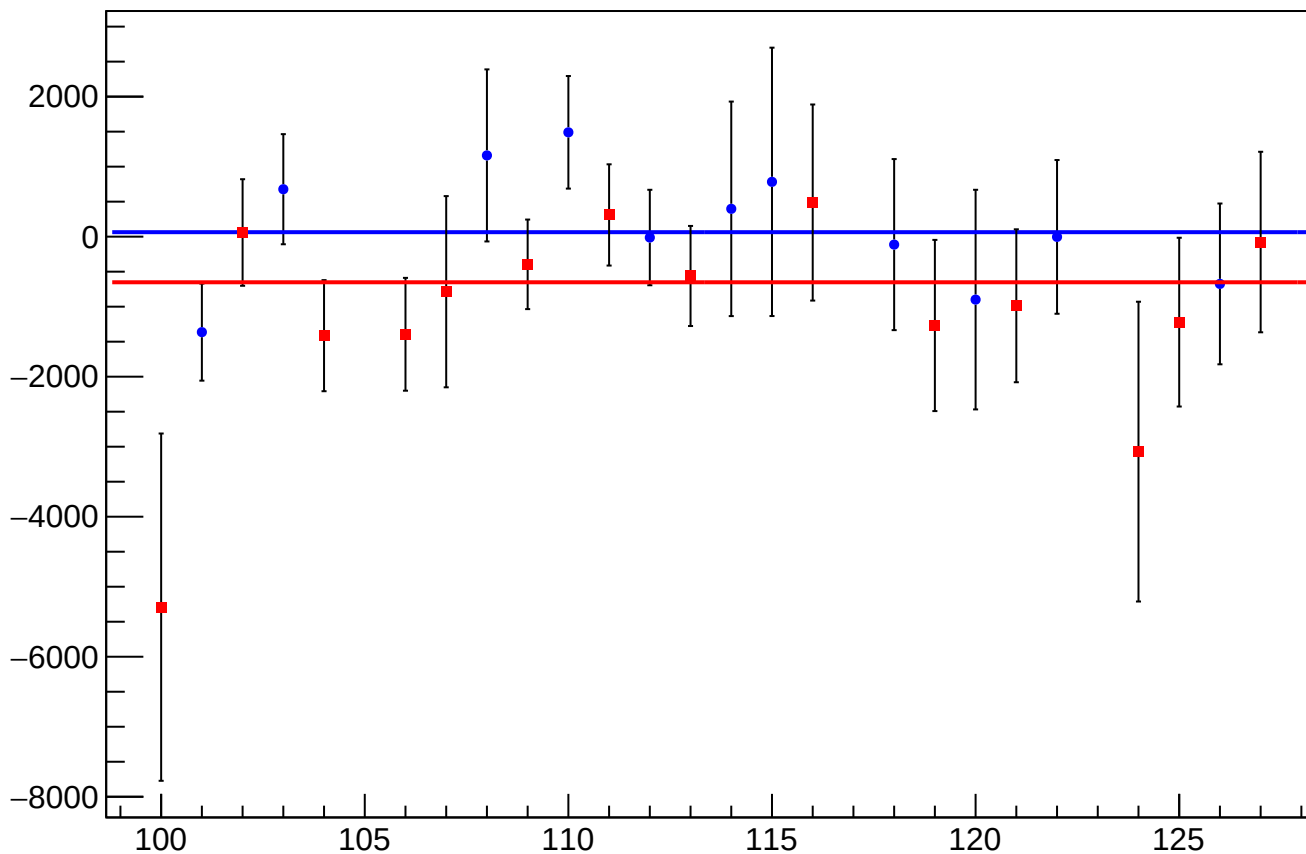
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 595.172+/-0.137 χ^2/NDF : 991113.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_mean vs Slug



Right In: 63.937 $\pm$ 295.878 χ^2 /NDF: 9.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -651.627 $\pm$ 254.867 χ^2 /NDF: 10.8/13

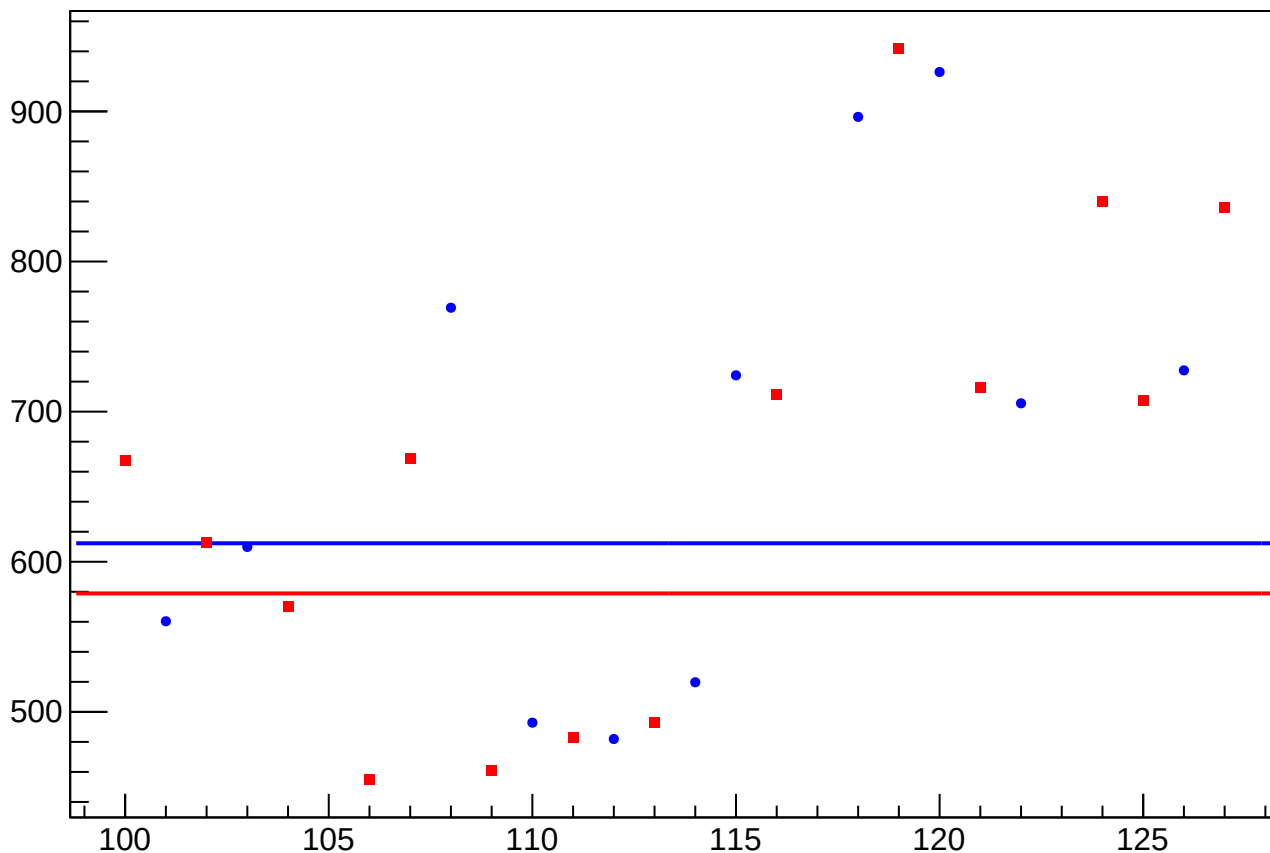
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -346.835 $\pm$ 193.103 χ^2 /NDF: 24.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_rms vs Slug



Right In: 612.315 ± 0.209 χ^2/NDF : 398111.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 578.911 ± 0.180 χ^2/NDF : 553154.7/13

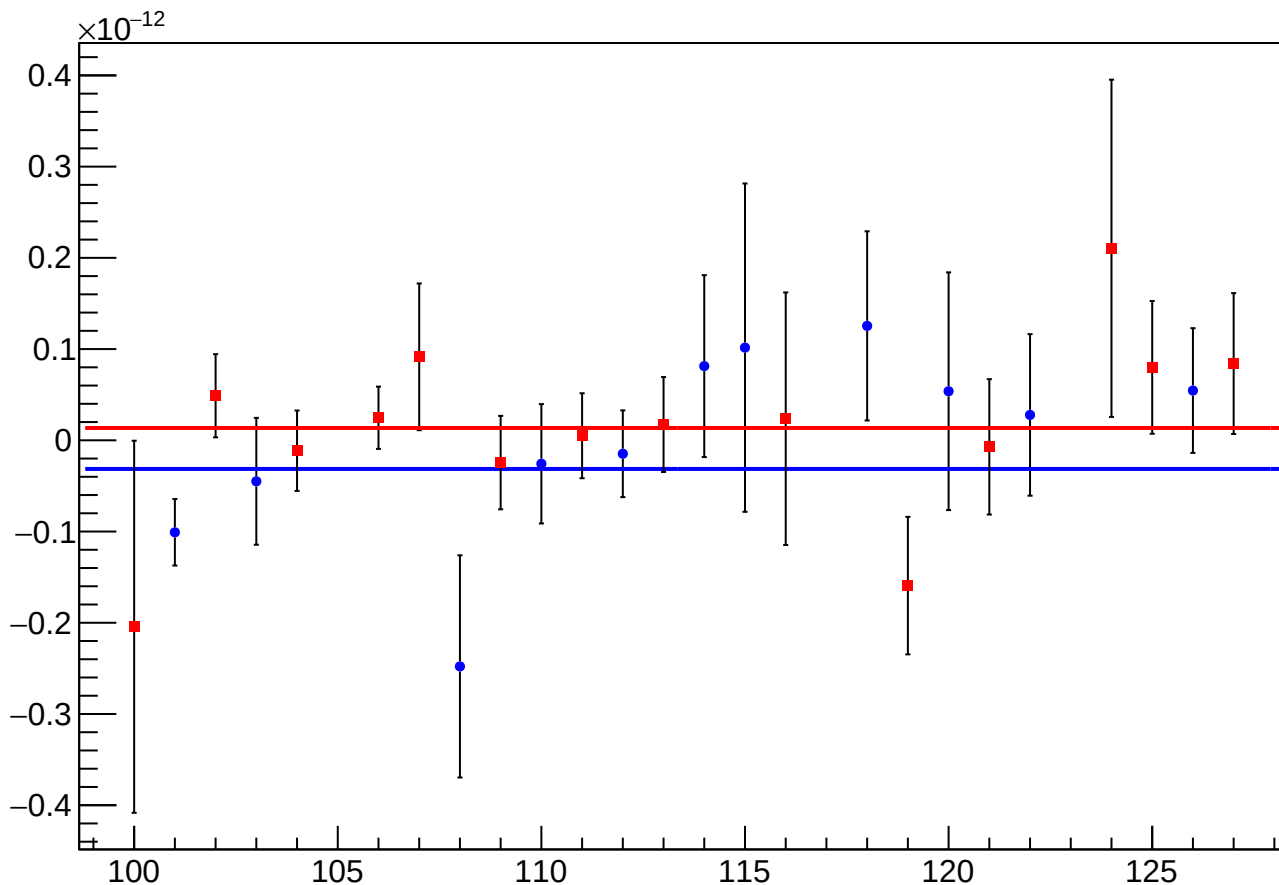
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 593.139 ± 0.137 χ^2/NDF : 965900.4/24

- 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 : 13.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.8/13

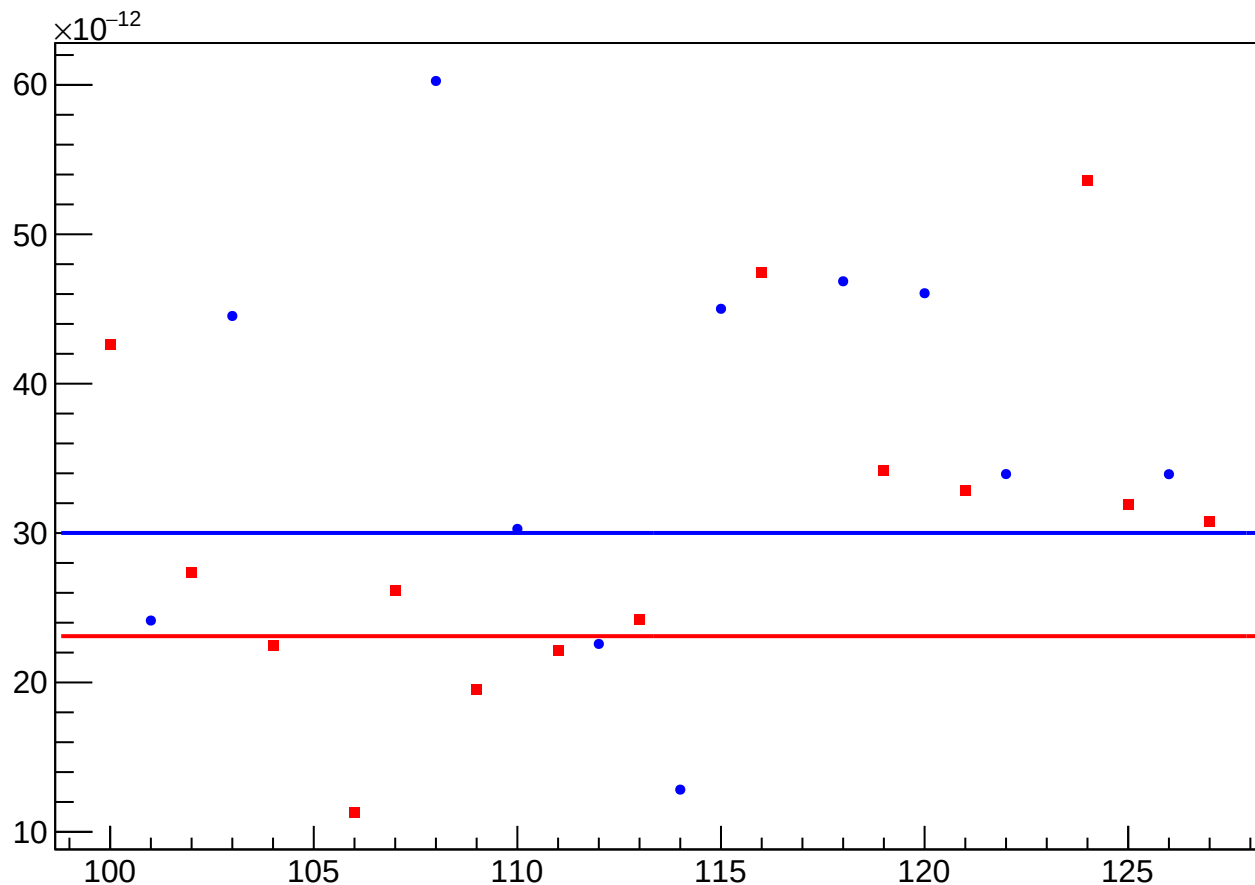
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.3/24

- 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 : 478398.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 533266.4/13

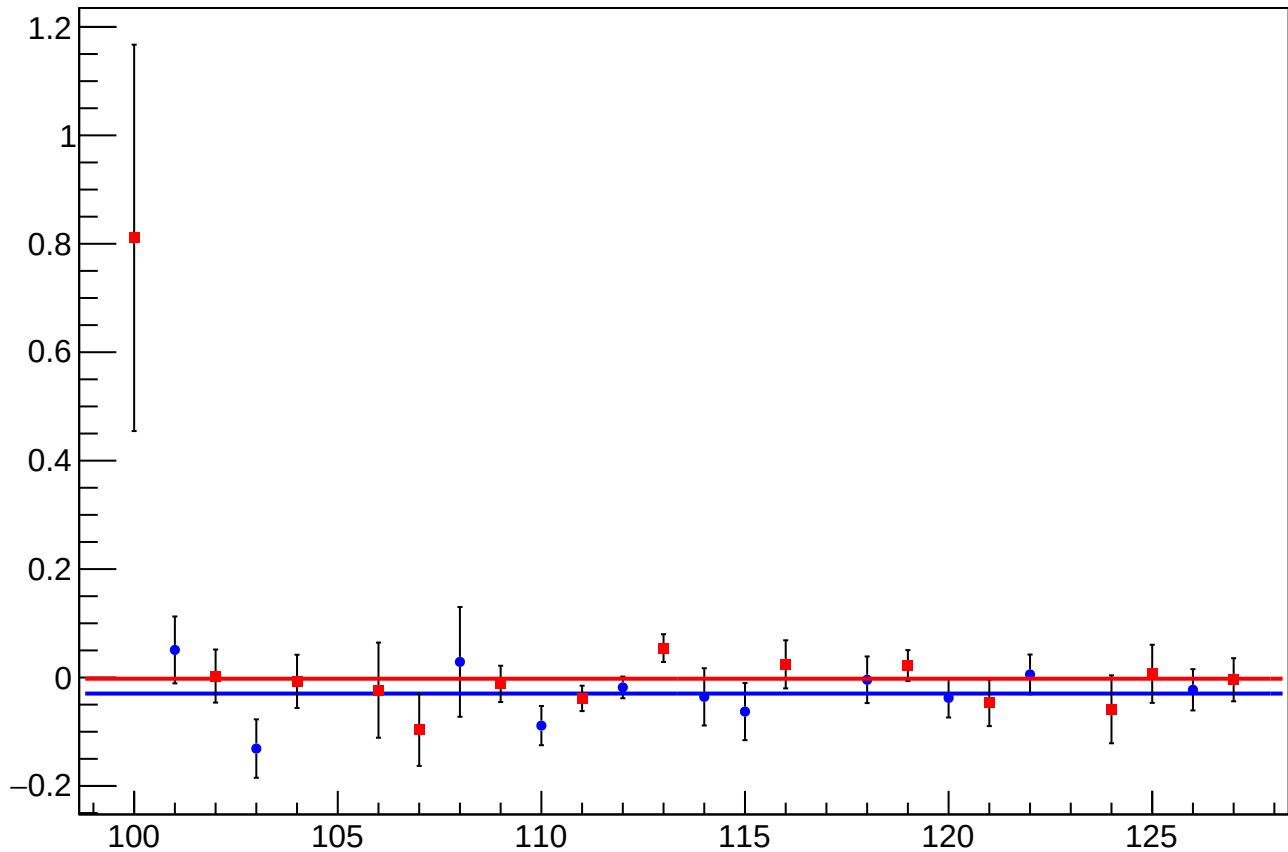
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1152667.0/24

- 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: -0.030 $\pm$ 0.012 χ^2 /NDF: 10.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.002 $\pm$ 0.011 χ^2 /NDF: 17.7/13

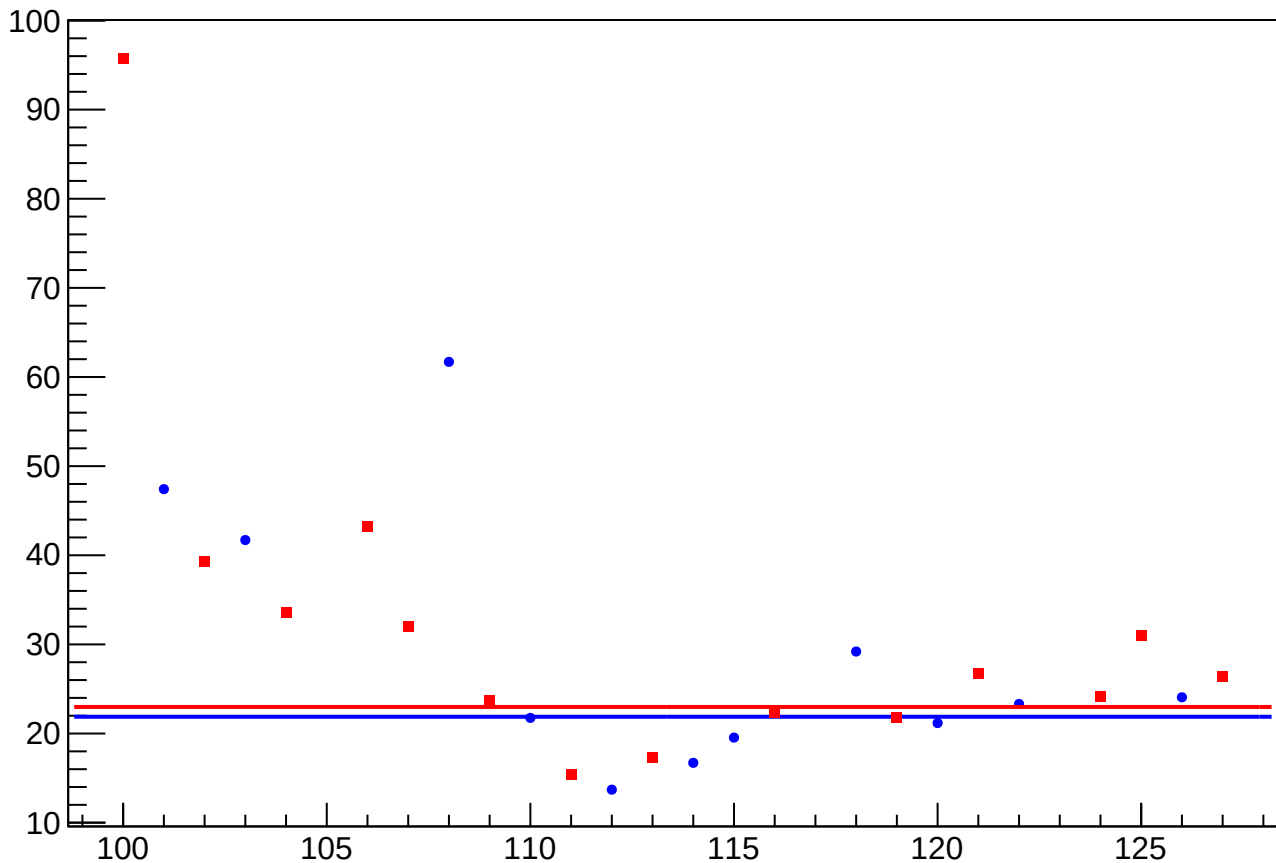
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.015 $\pm$ 0.008 χ^2 /NDF: 31.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_dit_vs_cor_diff_rms vs Slug



Right In: 21.884+/-0.008 χ^2/NDF : 1351522.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.982+/-0.007 χ^2/NDF : 931722.7/13

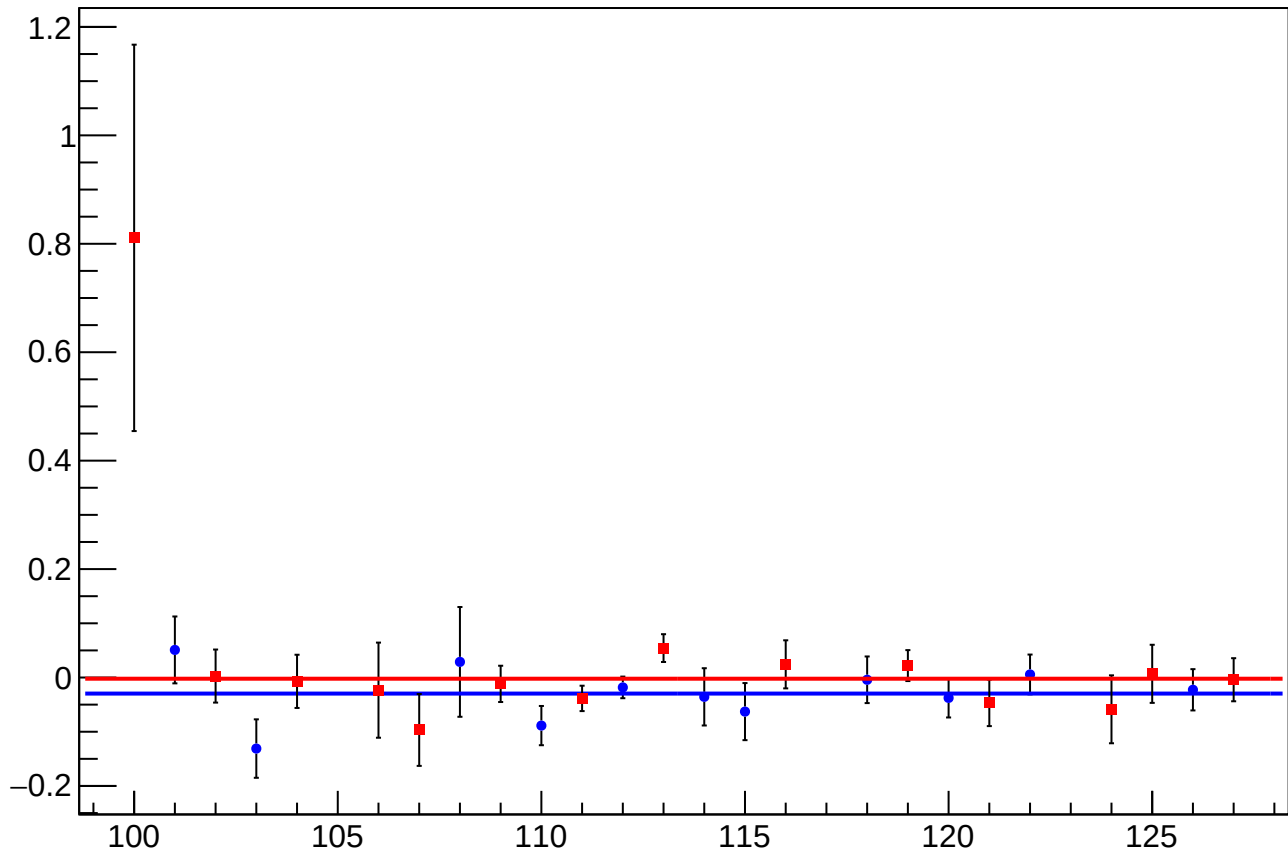
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.483+/-0.006 χ^2/NDF : 2293055.1/24

- 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: -0.030+/-0.012 χ^2/NDF : 10.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.002+/-0.011 χ^2/NDF : 17.7/13

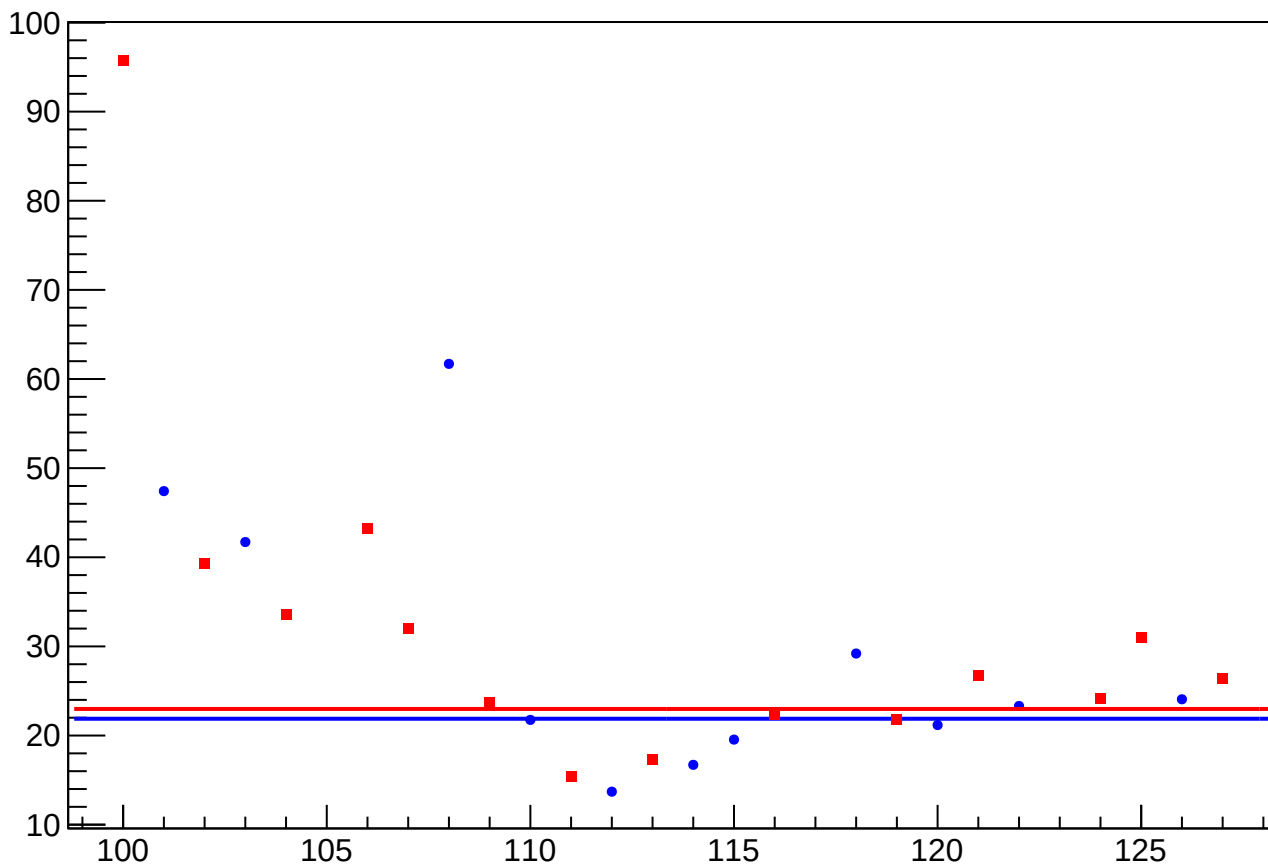
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.015+/-0.008 χ^2/NDF : 31.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 21.884+/-0.008 χ^2/NDF : 1351522.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.982+/-0.007 χ^2/NDF : 931722.7/13

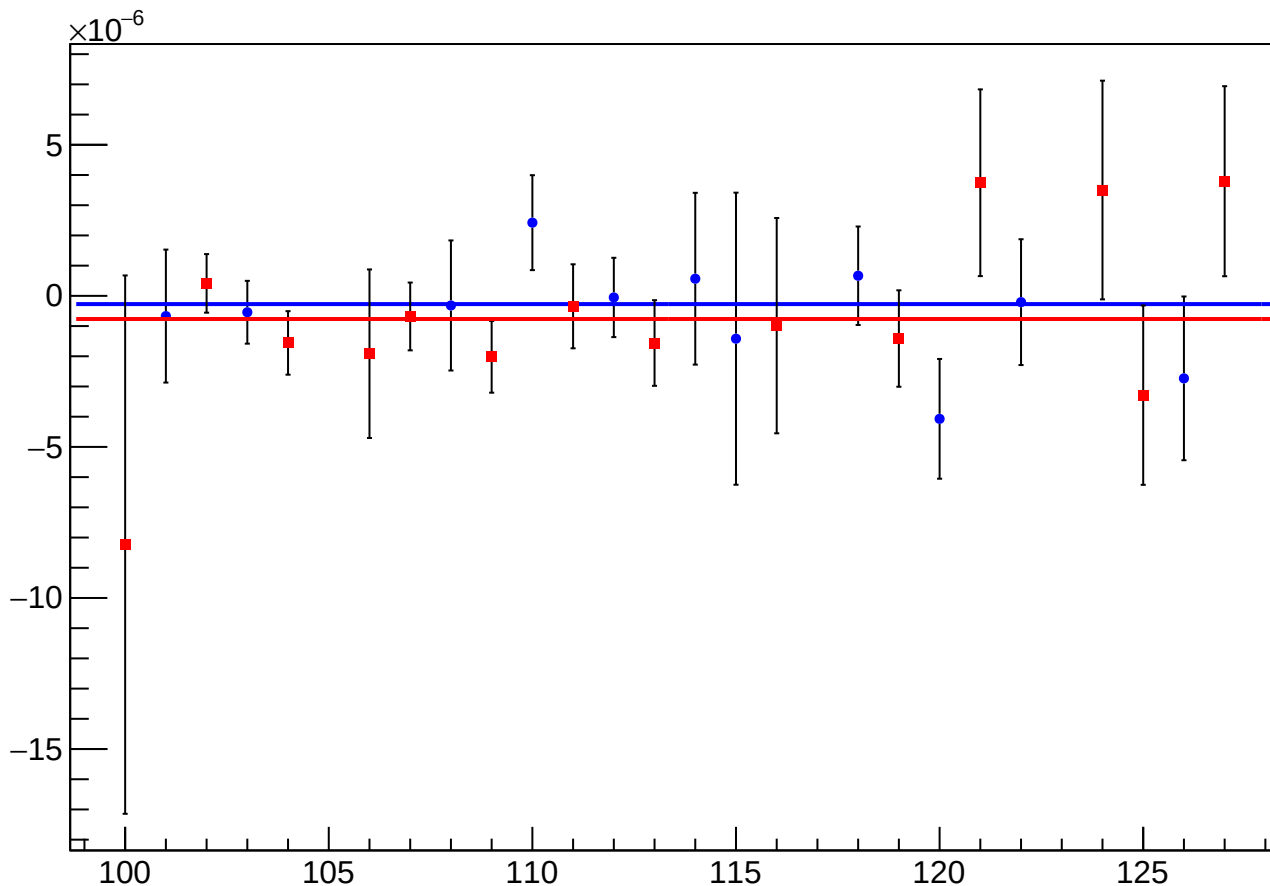
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.483+/-0.006 χ^2/NDF : 2293055.1/24

- sign 0.000+/-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 : 8.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.0/13

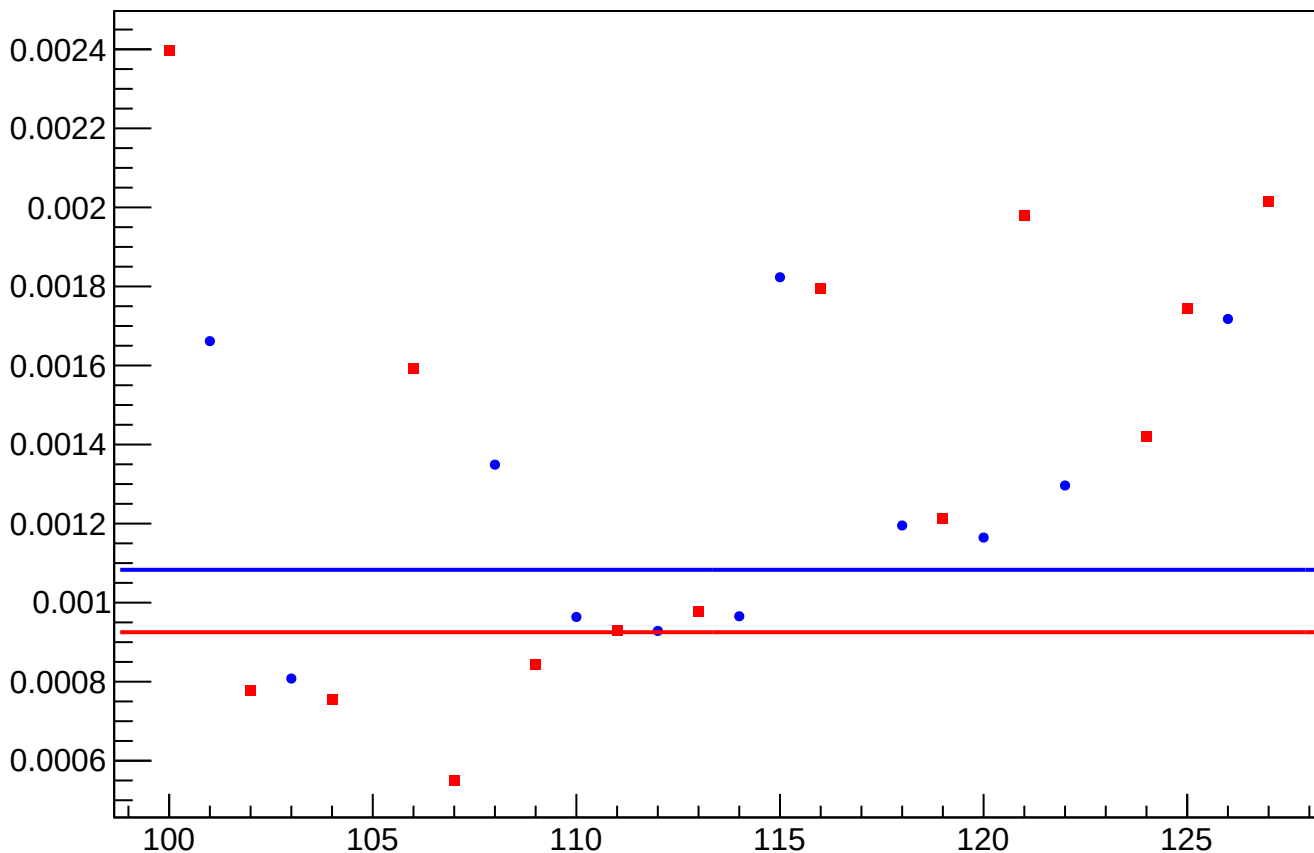
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.5/24

- 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 : 542019.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1348662.6/13

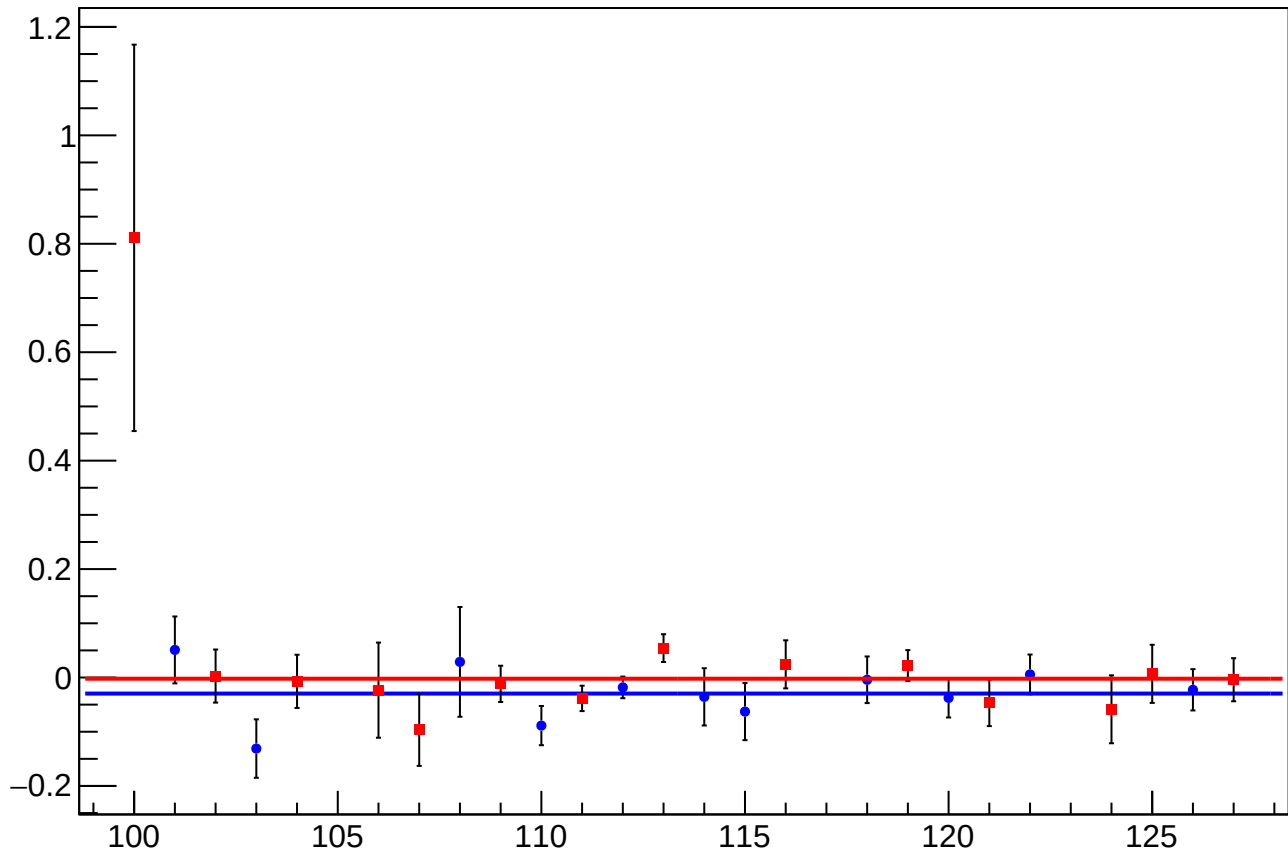
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1997337.8/24

- 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: -0.030 ± 0.012 χ^2/NDF : 10.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.002 ± 0.011 χ^2/NDF : 17.7/13

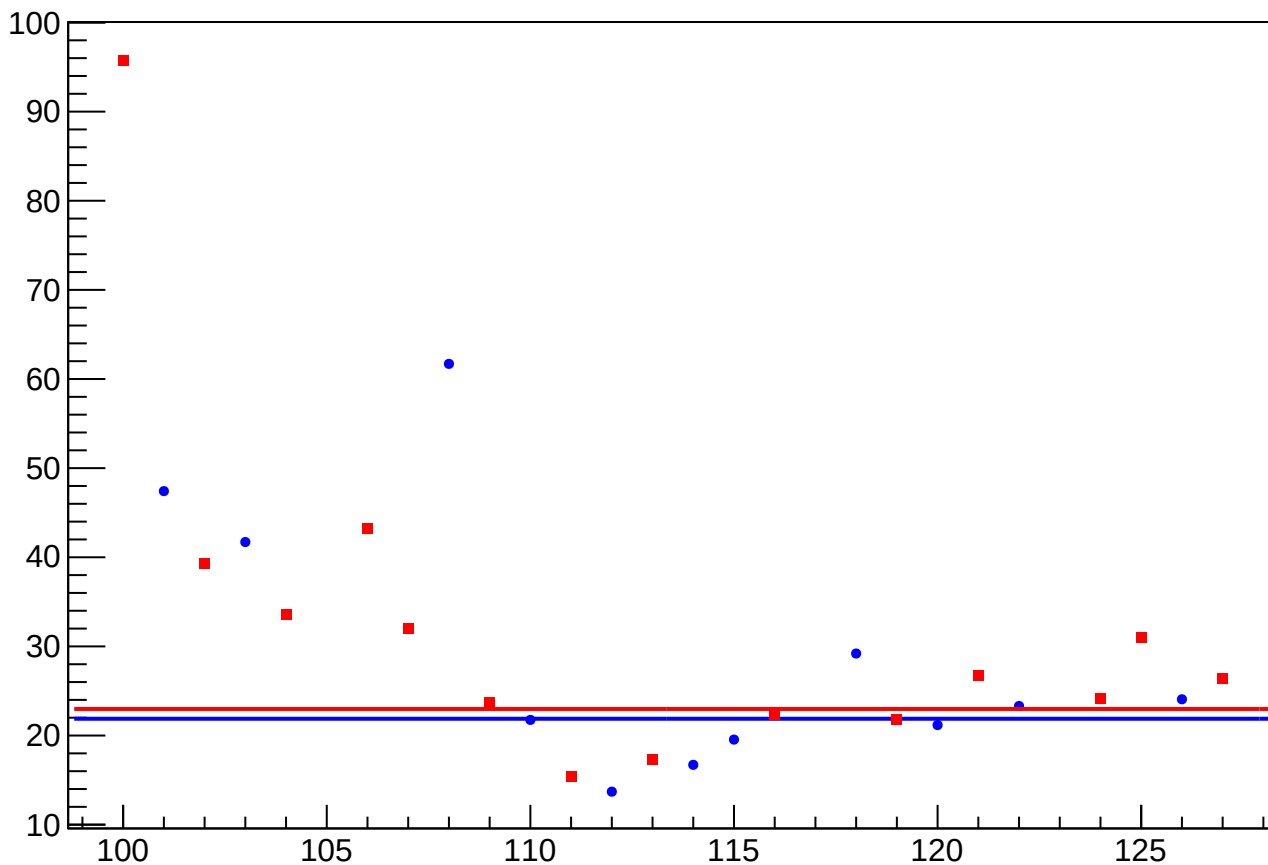
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.015 ± 0.008 χ^2/NDF : 31.0/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 21.883 $\pm$ 0.008 χ^2 /NDF: 1351561.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.982 $\pm$ 0.007 χ^2 /NDF: 931774.5/13

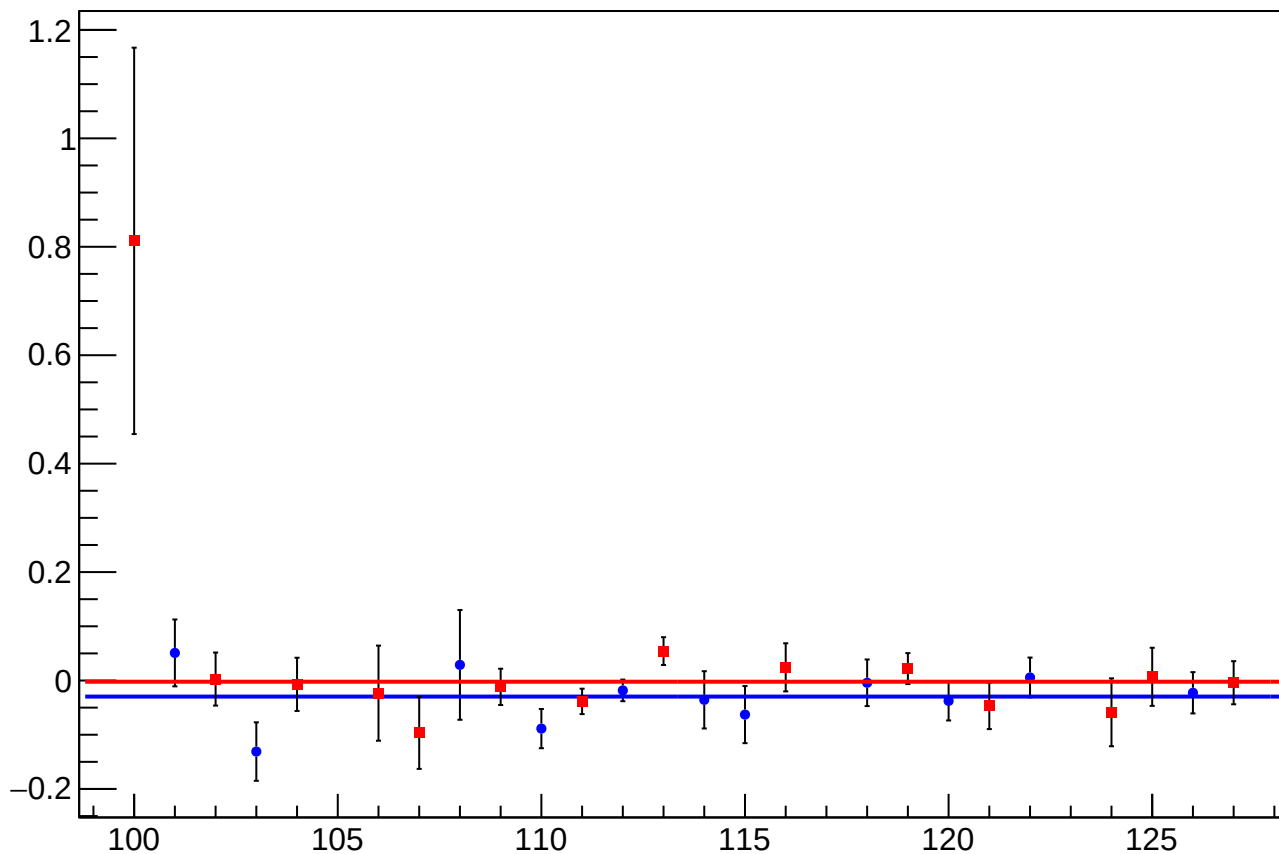
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.483 $\pm$ 0.006 χ^2 /NDF: 2293145.5/24

- 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: -0.030 $\pm$ 0.012 χ^2 /NDF: 10.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.002 $\pm$ 0.011 χ^2 /NDF: 17.7/13

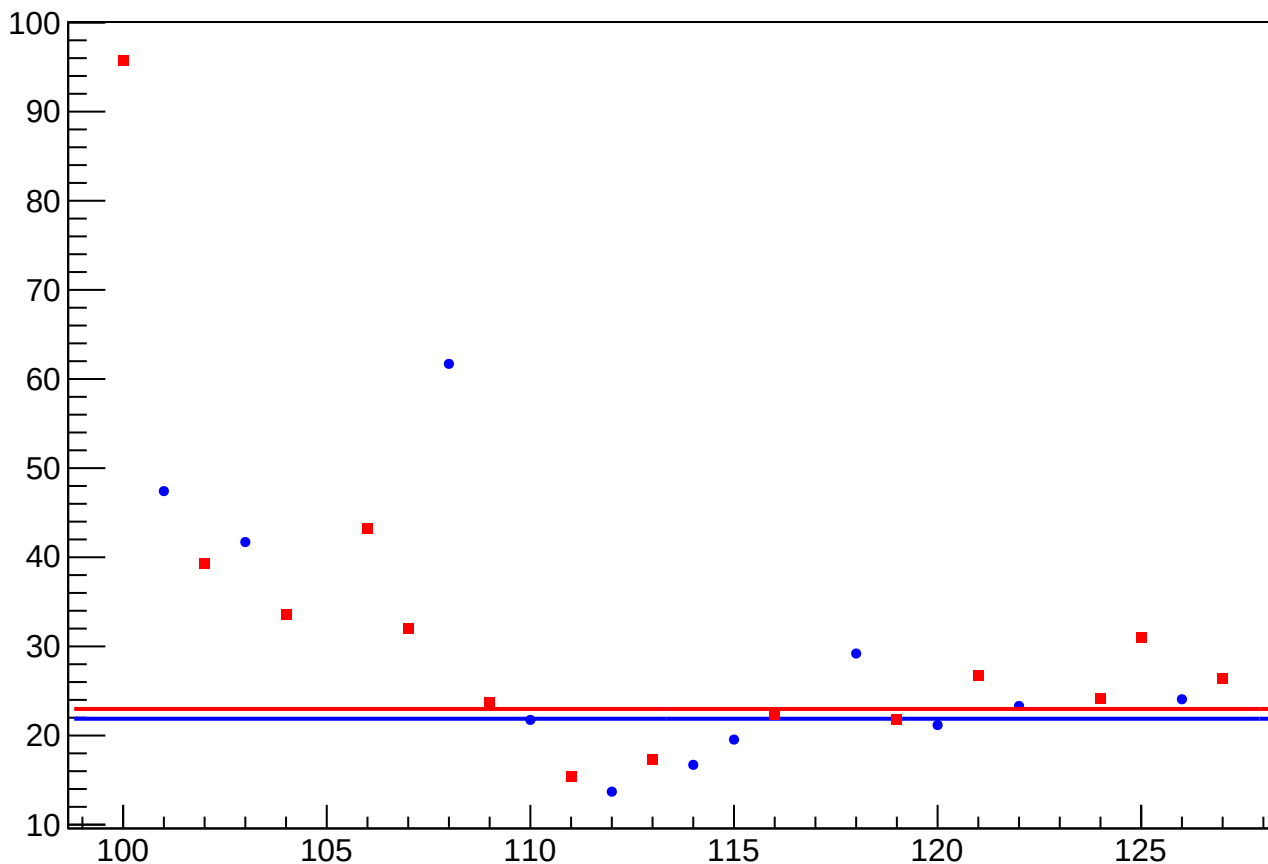
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.015 $\pm$ 0.008 χ^2 /NDF: 31.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 21.883+/-0.008 χ^2/NDF : 1351561.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.982+/-0.007 χ^2/NDF : 931774.5/13

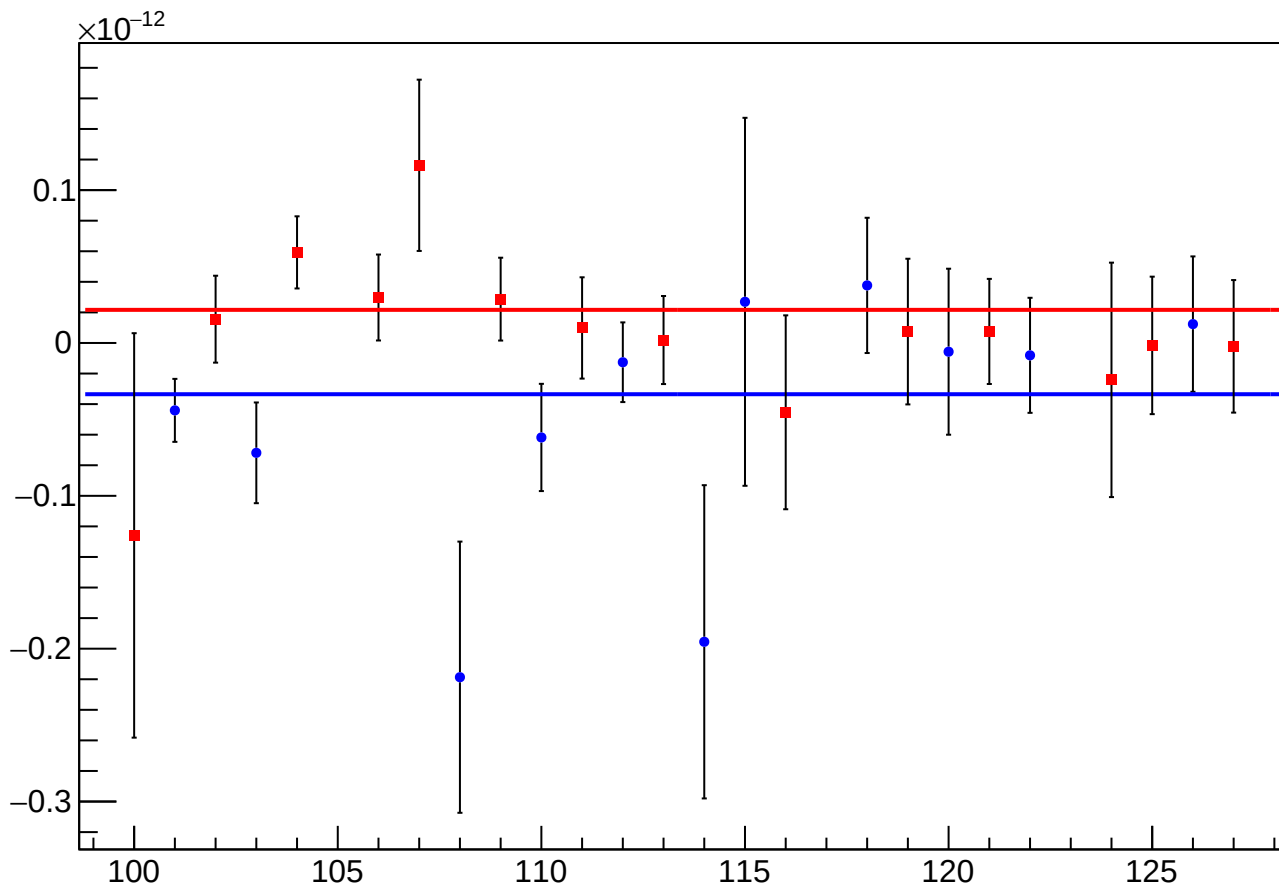
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.483+/-0.006 χ^2/NDF : 2293145.5/24

- sign 0.000+/-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+/-0.000 χ^2 /NDF: 14.4/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 9.7/13

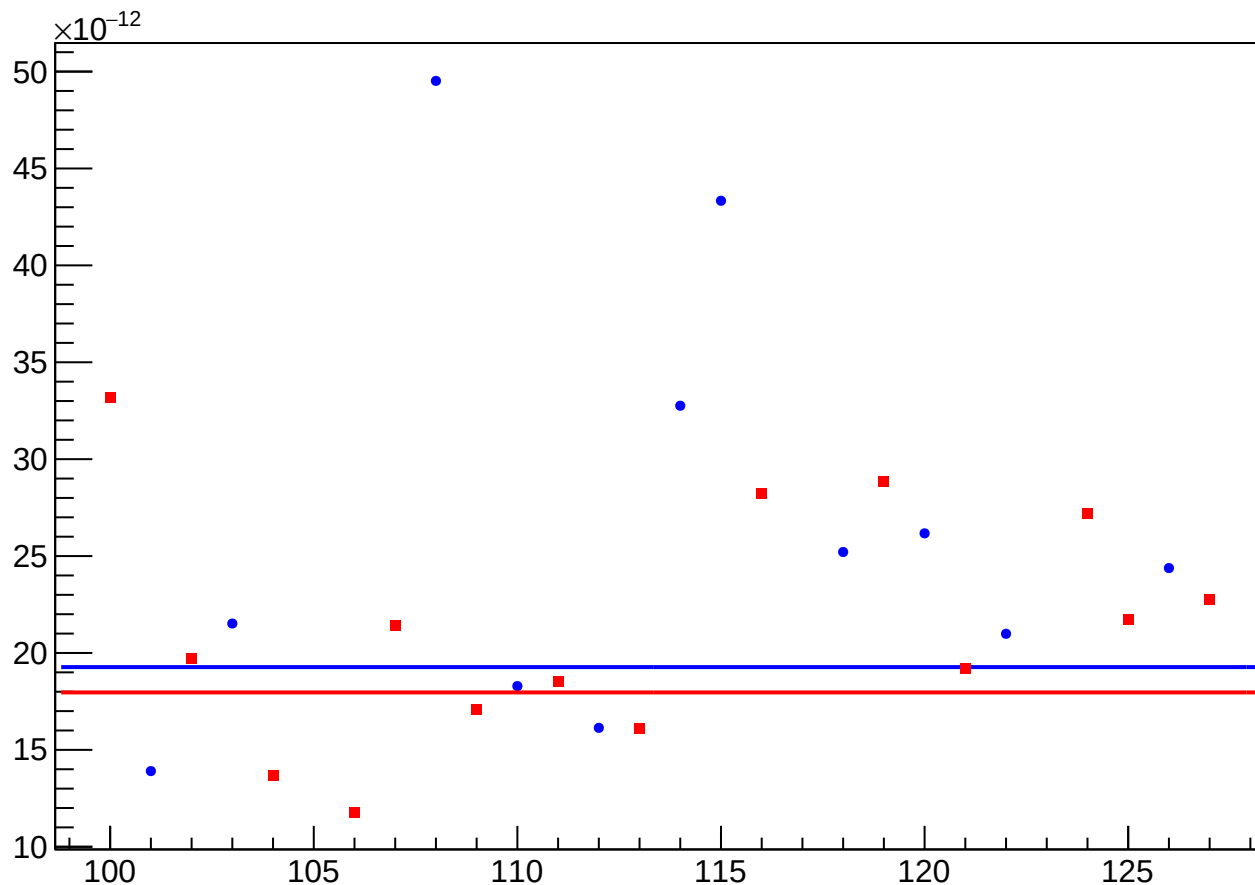
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 38.1/24

- sign 0.000+/-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 : 621739.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 441597.4/13

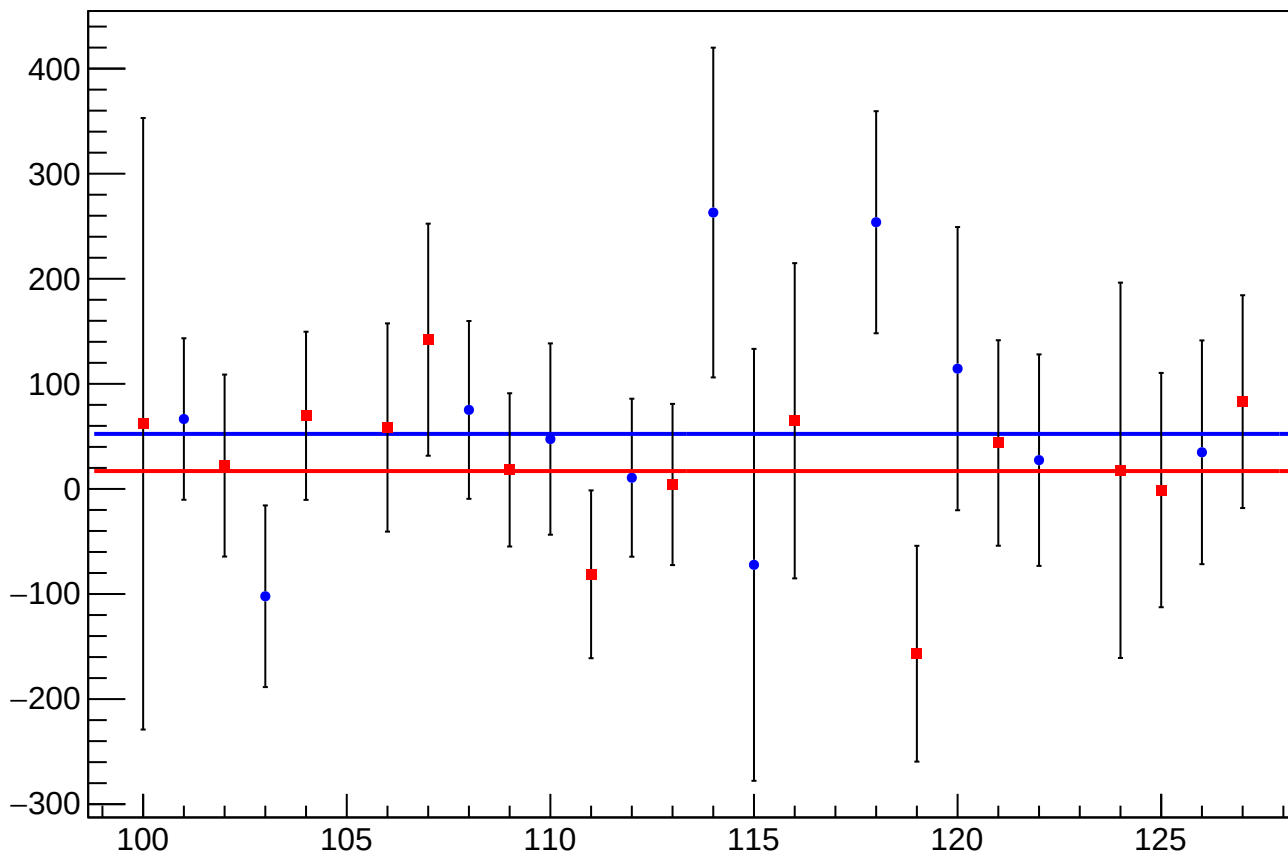
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1079003.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_mean vs Slug



Right In: 52.375+/-29.665 χ^2/NDF : 9.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.012+/-26.232 χ^2/NDF : 7.0/13

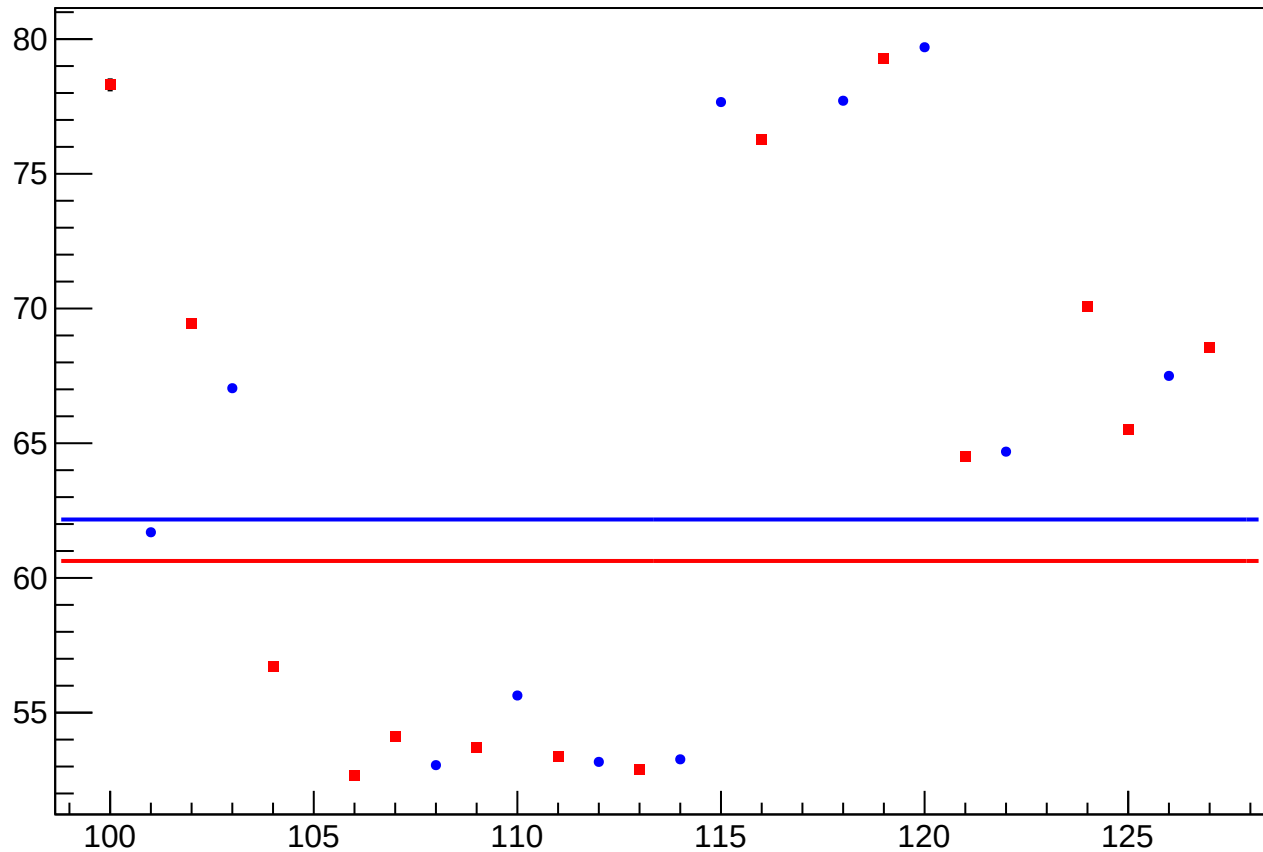
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.529+/-19.651 χ^2/NDF : 17.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_rms vs Slug



Right In: 62.169+/-0.021 χ^2/NDF : 169780.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.630+/-0.019 χ^2/NDF : 220312.4/13

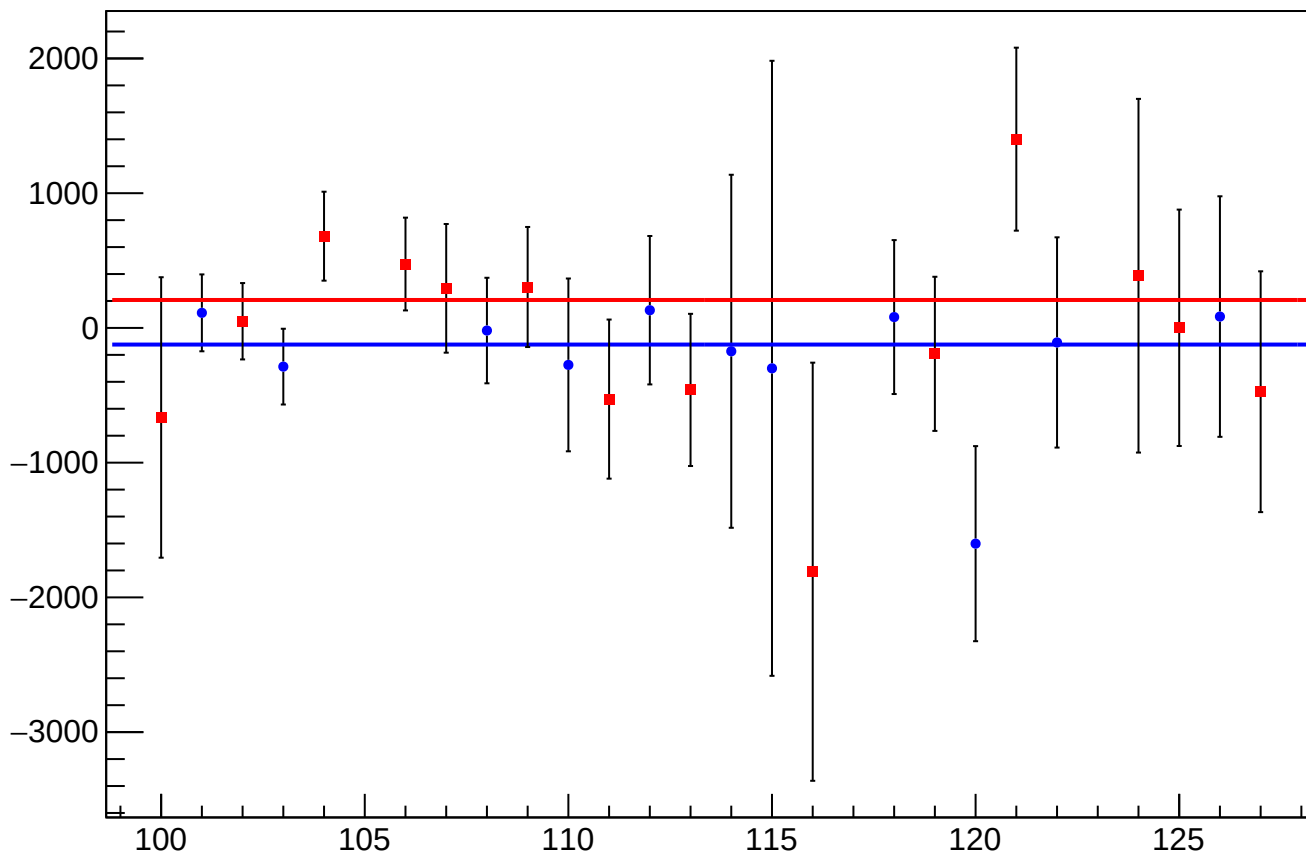
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.306+/-0.014 χ^2/NDF : 393114.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_reg_correction_mean vs Slug



Right In: -123.456 ± 147.723 χ^2/NDF : 5.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 207.414 ± 134.618 χ^2/NDF : 12.6/13

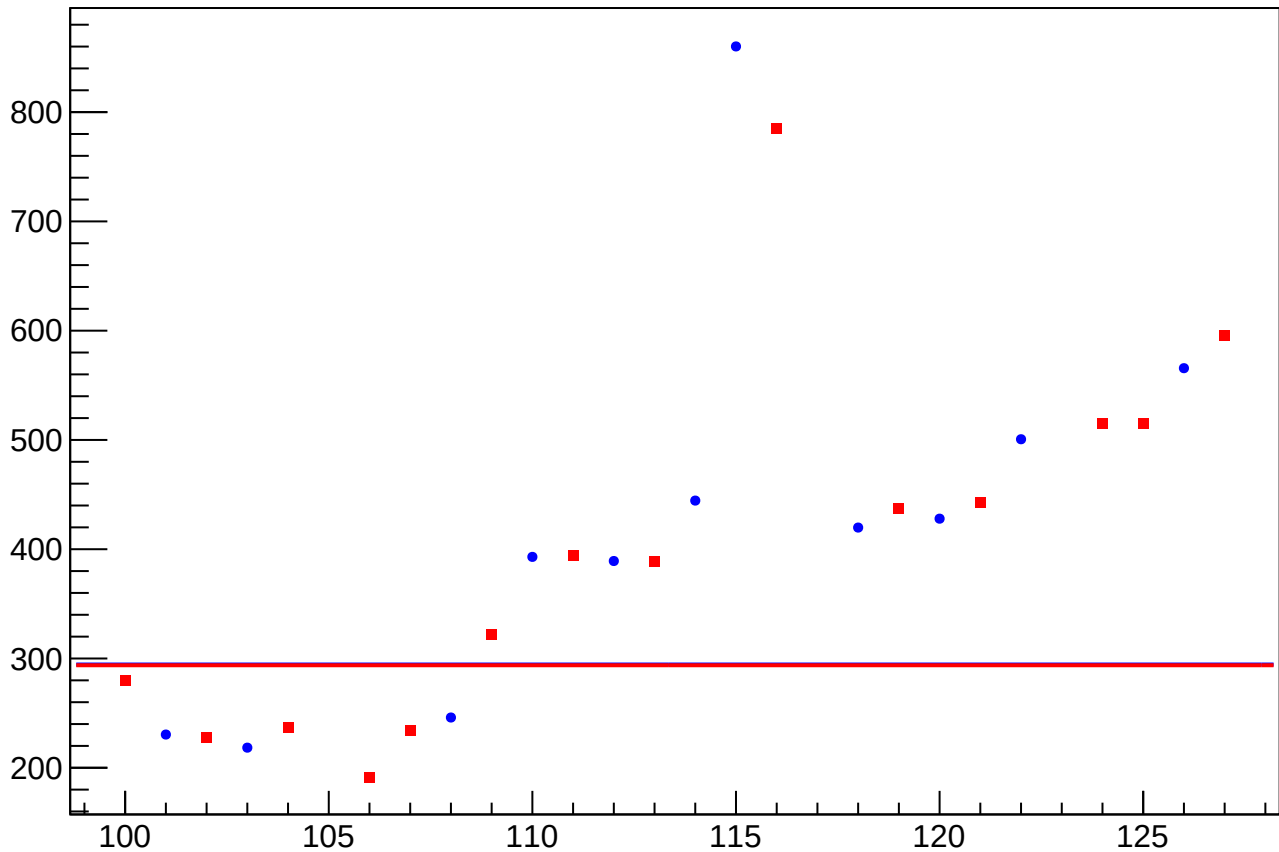
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 57.304 ± 99.501 χ^2/NDF : 21.1/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_reg_correction_rms vs Slug



Right In: 294.475+/-0.104 χ^2/NDF : 1021854.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

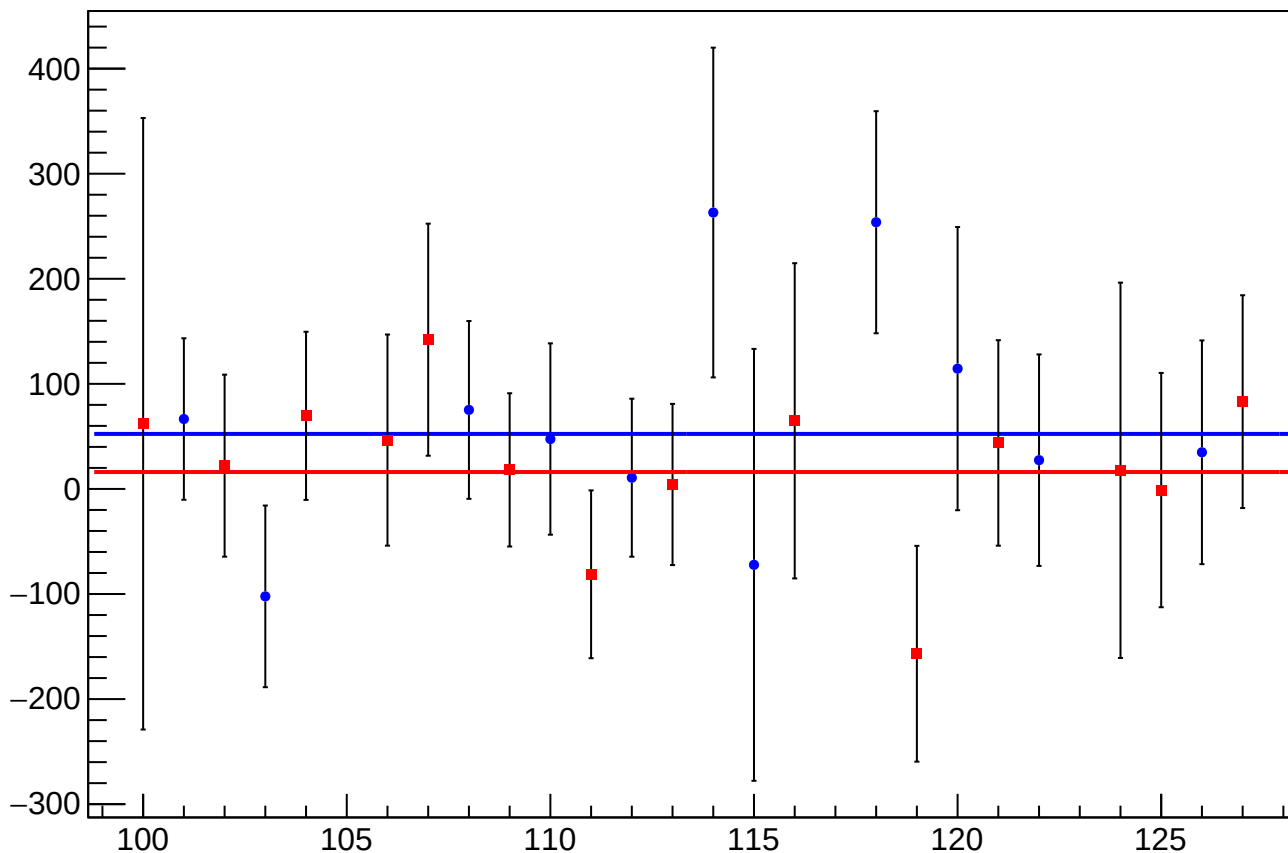
Right Out: 293.815+/-0.095 χ^2/NDF : 1336117.2/13

All: 294.114+/-0.070 χ^2/NDF : 2357993.6/24

- 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_sam_37_48_dd_mean vs Slug



Right In: 52.367 $\pm$ 29.665 χ^2 /NDF: 9.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.103 $\pm$ 26.257 χ^2 /NDF: 6.9/13

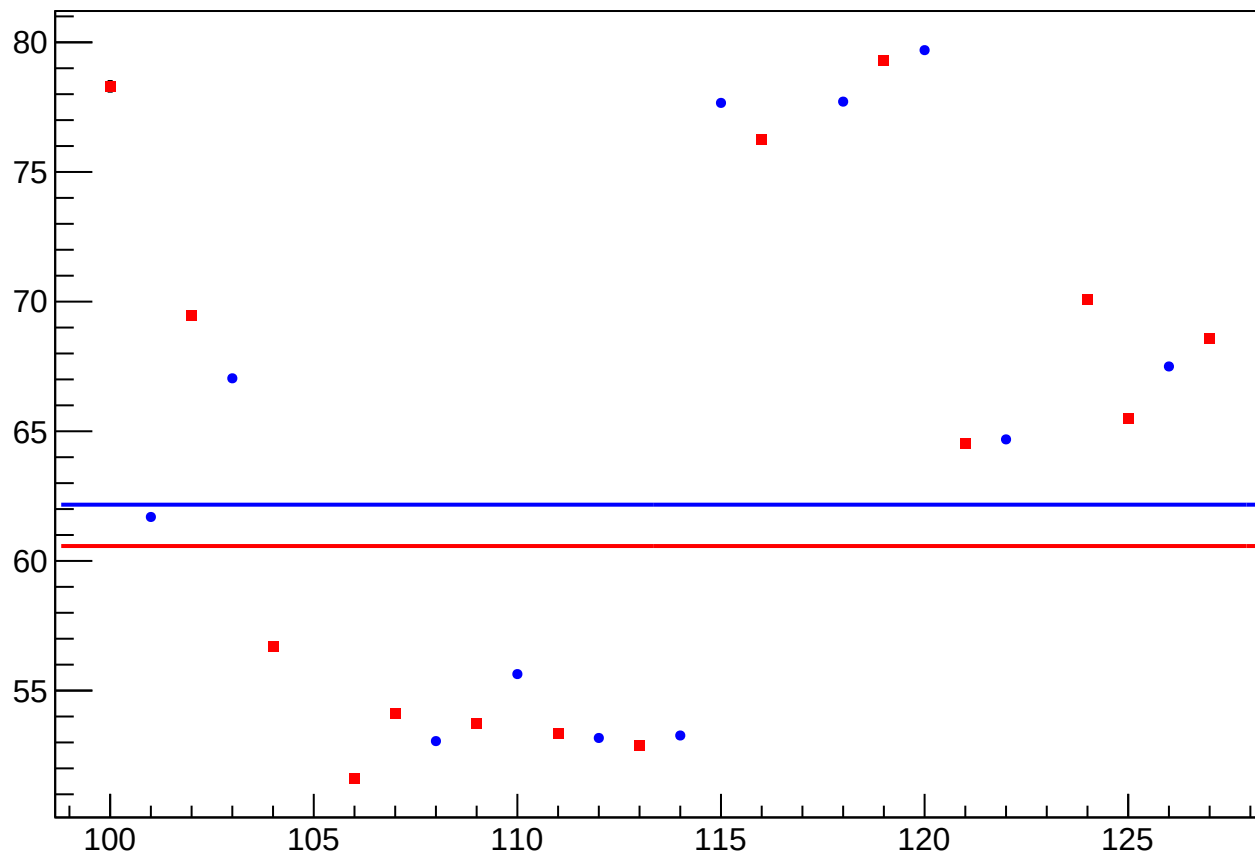
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 32.033 $\pm$ 19.662 χ^2 /NDF: 17.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_37_48_dd_rms vs Slug



Right In: 62.169 ± 0.021 χ^2/NDF : 169780.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 60.574 ± 0.019 χ^2/NDF : 223597.9/13

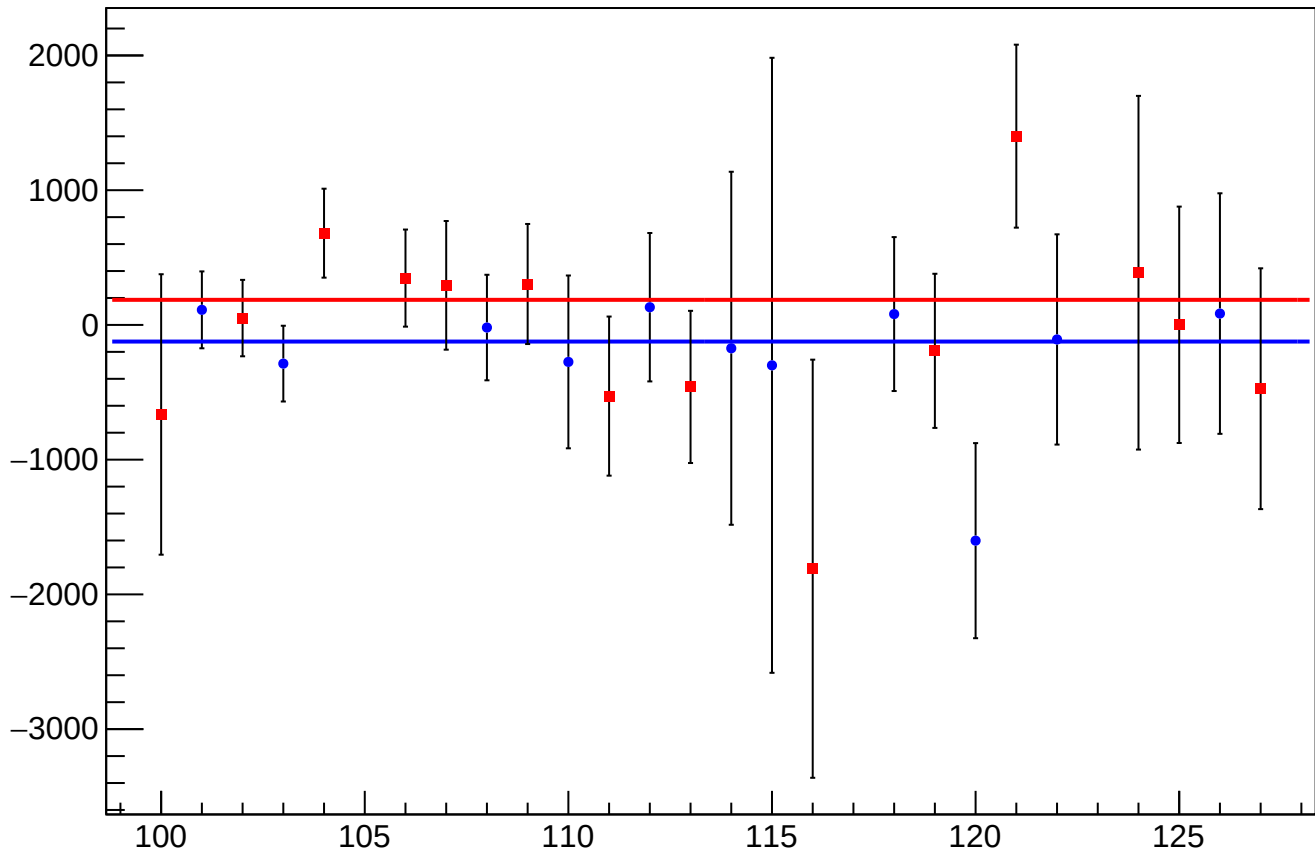
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 61.275 ± 0.014 χ^2/NDF : 396620.0/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_cor_correction_mean vs Slug



Right In: -123.435+/-147.725 χ^2/NDF : 5.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 186.223+/-135.542 χ^2/NDF : 12.1/13

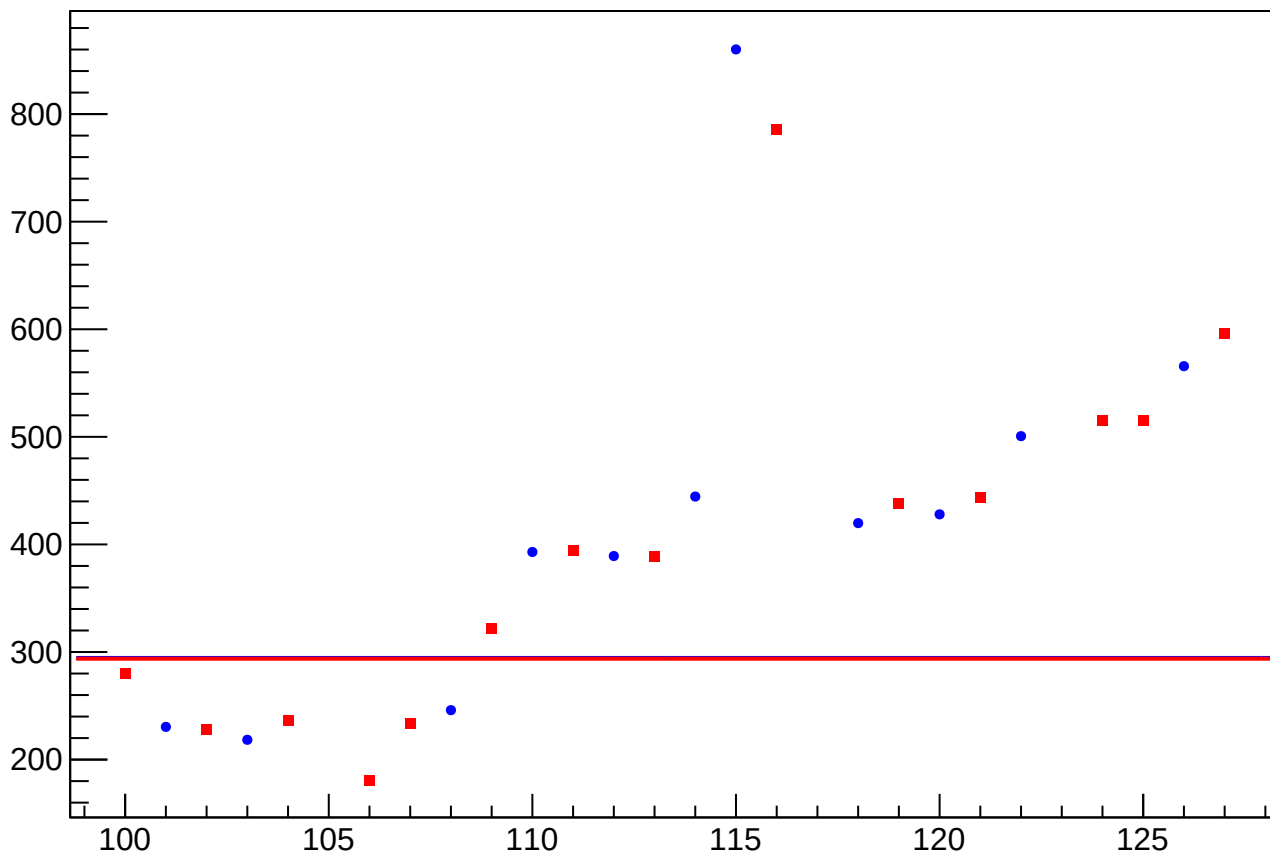
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.687+/-99.872 χ^2/NDF : 20.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_cor_correction_rms vs Slug



Right In: 294.478+/-0.104 χ^2/NDF : 1021814.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 293.769+/-0.096 χ^2/NDF : 1354943.0/13

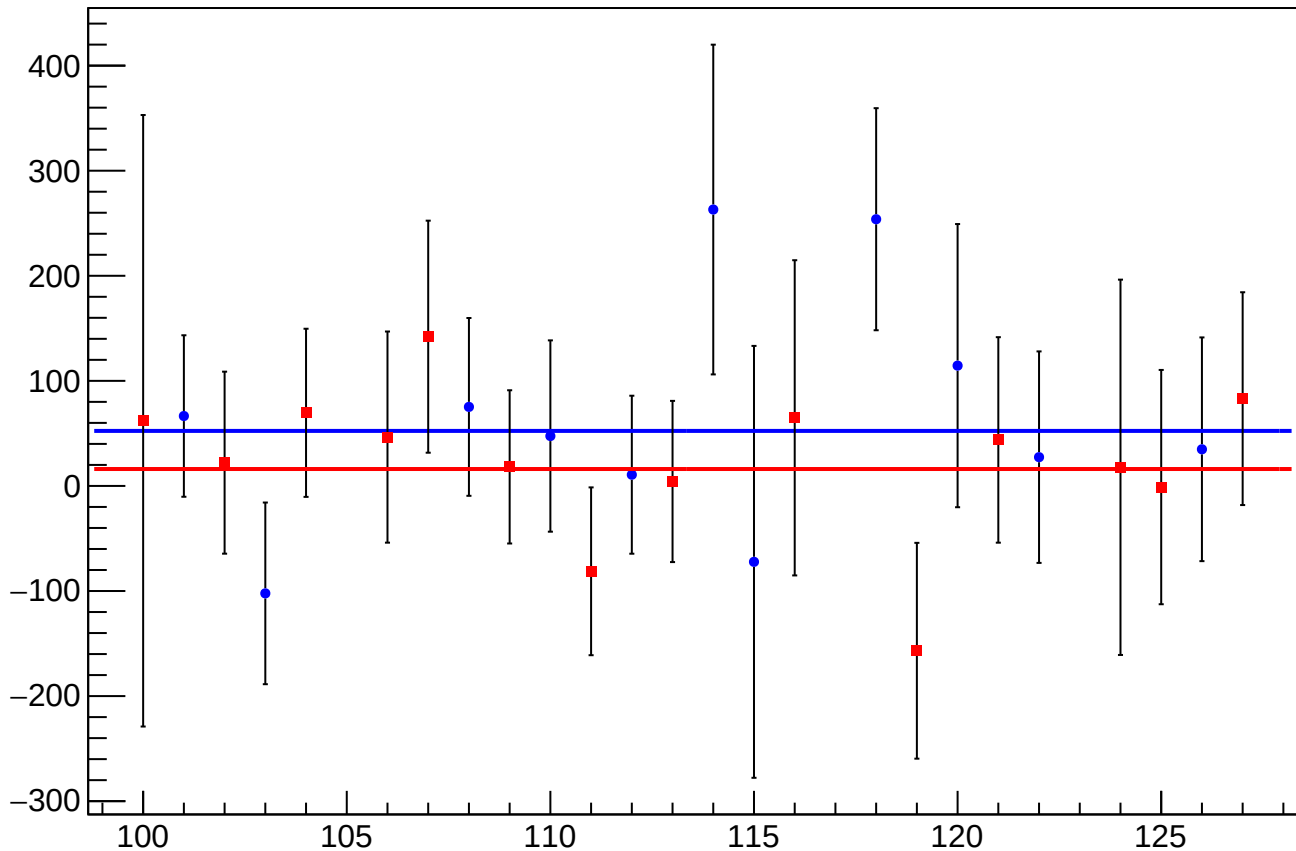
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 294.093+/-0.071 χ^2/NDF : 2376782.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_37_48_dd_mean vs Slug



Right In: 52.367 $\pm$ 29.665 χ^2 /NDF: 9.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.103 $\pm$ 26.257 χ^2 /NDF: 6.9/13

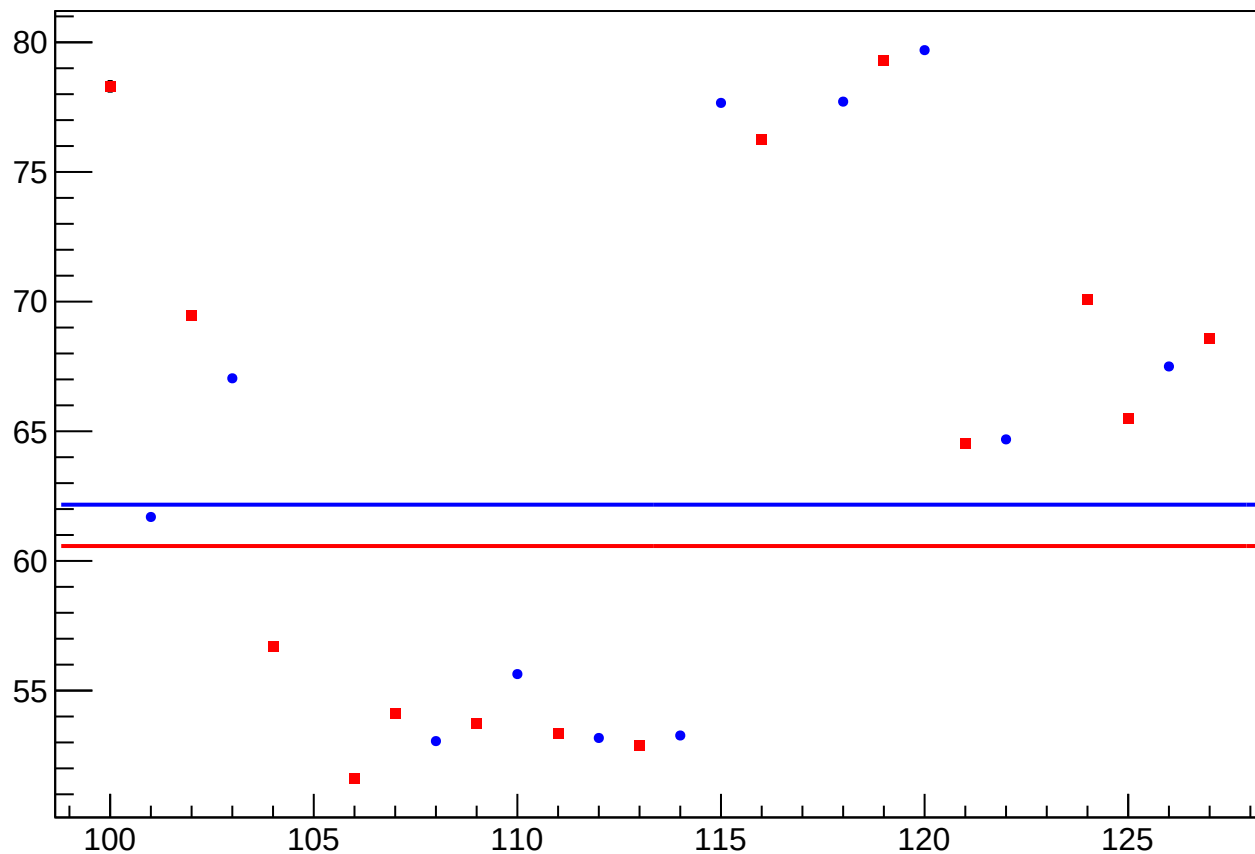
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 32.033 $\pm$ 19.662 χ^2 /NDF: 17.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_37_48_dd_rms vs Slug



Right In: 62.169 ± 0.021 χ^2/NDF : 169780.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 60.574 ± 0.019 χ^2/NDF : 223597.9/13

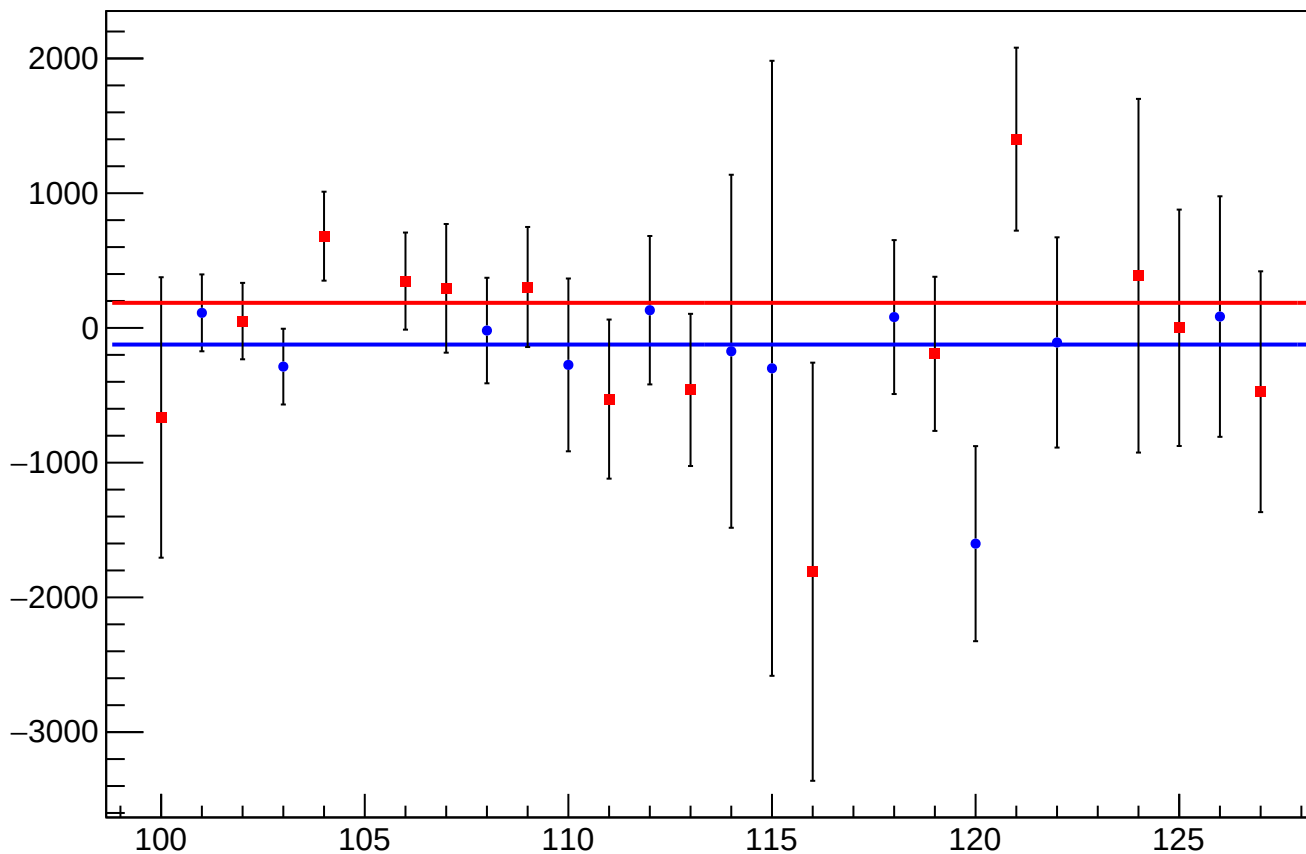
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 61.275 ± 0.014 χ^2/NDF : 396620.0/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_eigen_cor_correction_mean vs Slug



Right In: -123.435+/-147.725 χ^2/NDF : 5.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 186.223+/-135.542 χ^2/NDF : 12.1/13

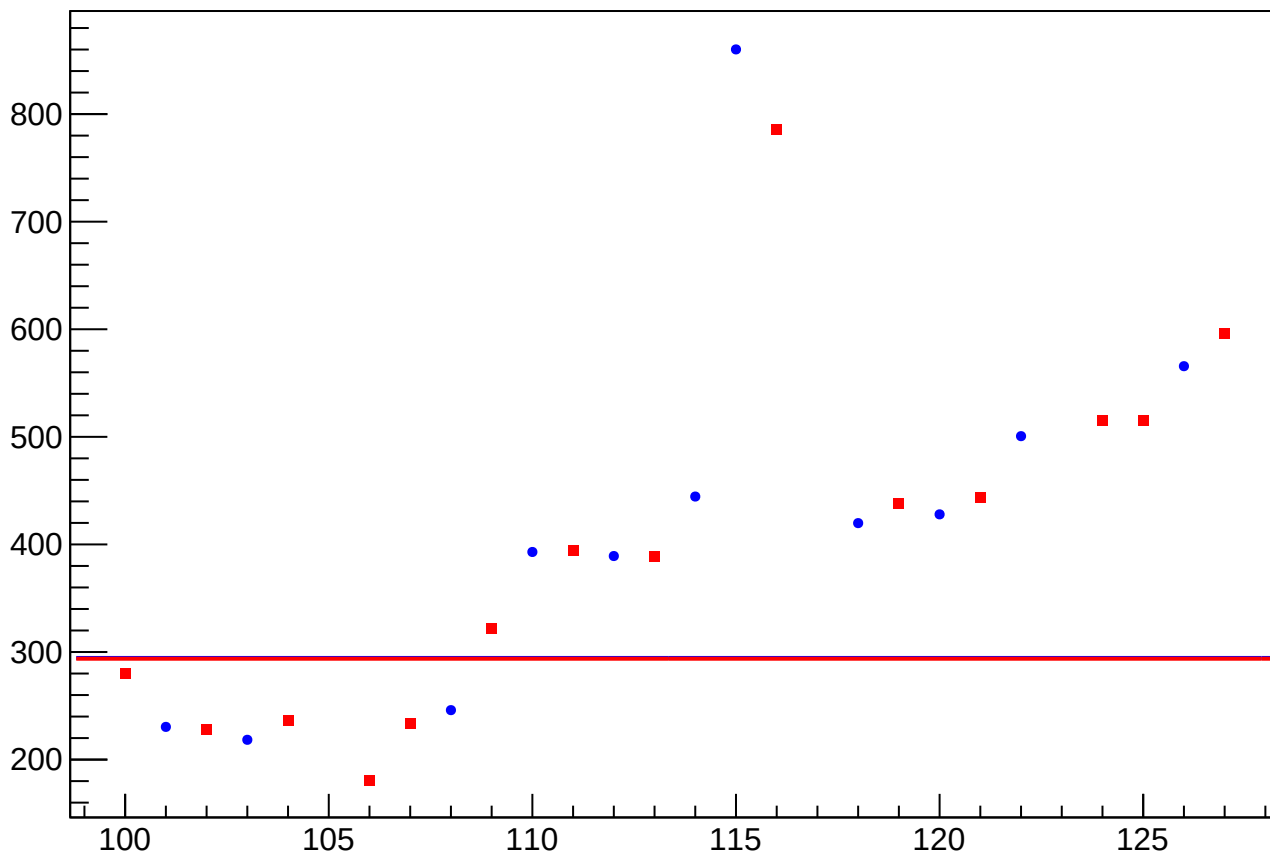
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.687+/-99.872 χ^2/NDF : 20.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_eigen_cor_correction_rms vs Slug



Right In: 294.478+/-0.104 χ^2/NDF : 1021814.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 293.769+/-0.096 χ^2/NDF : 1354943.0/13

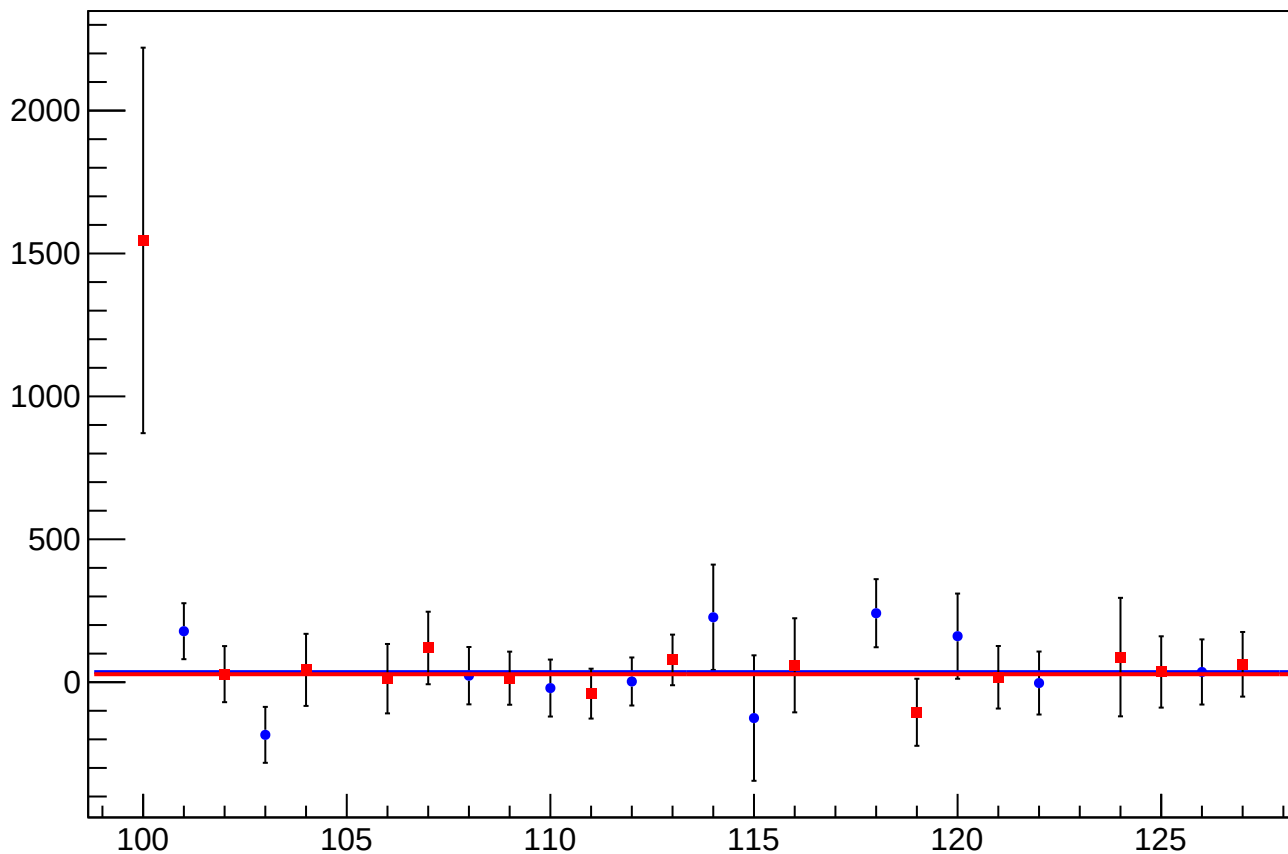
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 294.093+/-0.071 χ^2/NDF : 2376782.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_48_dd_mean vs Slug



Right In: 35.162 $\pm$ 33.801 χ^2 /NDF: 13.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.918 $\pm$ 31.124 χ^2 /NDF: 8.1/13

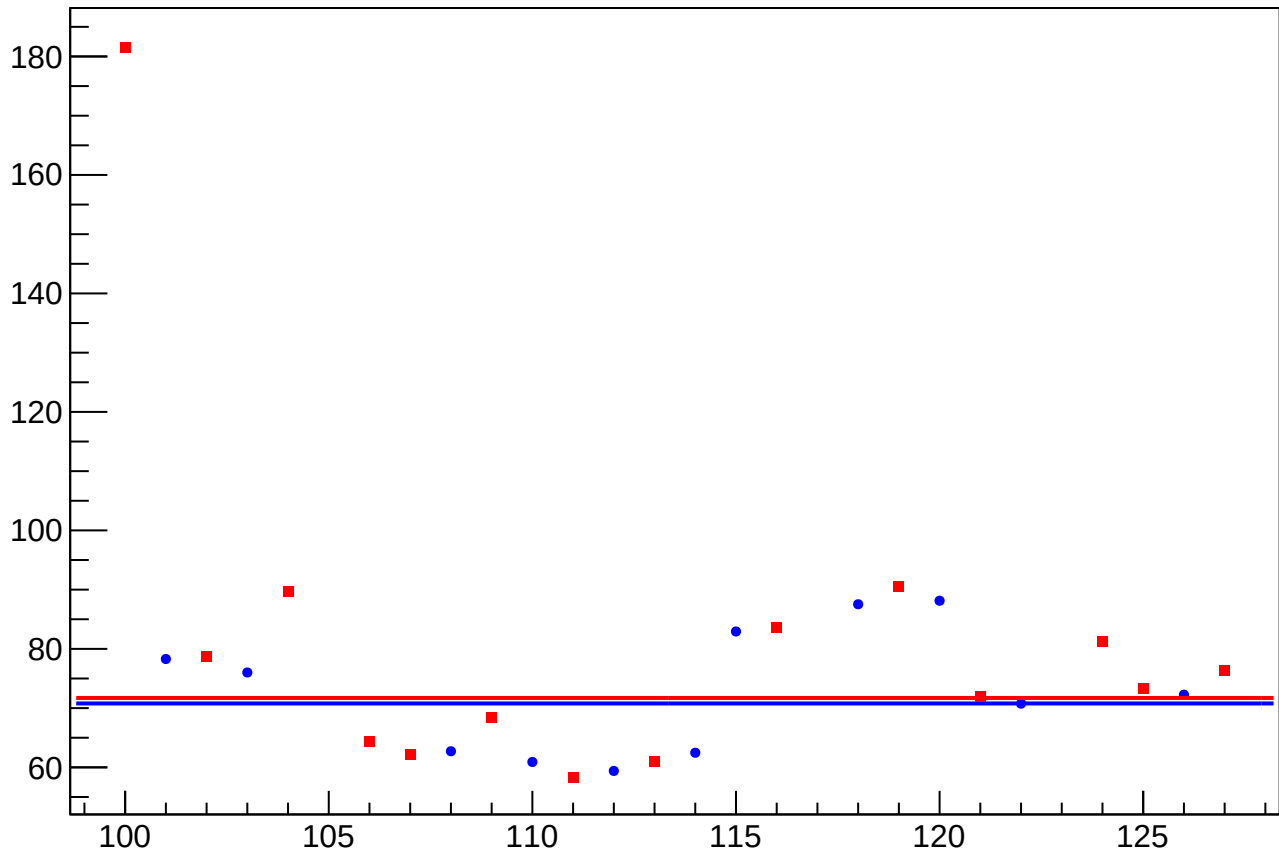
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 31.242 $\pm$ 22.896 χ^2 /NDF: 21.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_37_48_dd_rms vs Slug



Right In: 70.787 $\pm$ 0.024 χ^2 /NDF: 163832.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 71.714 $\pm$ 0.022 χ^2 /NDF: 271637.6/13

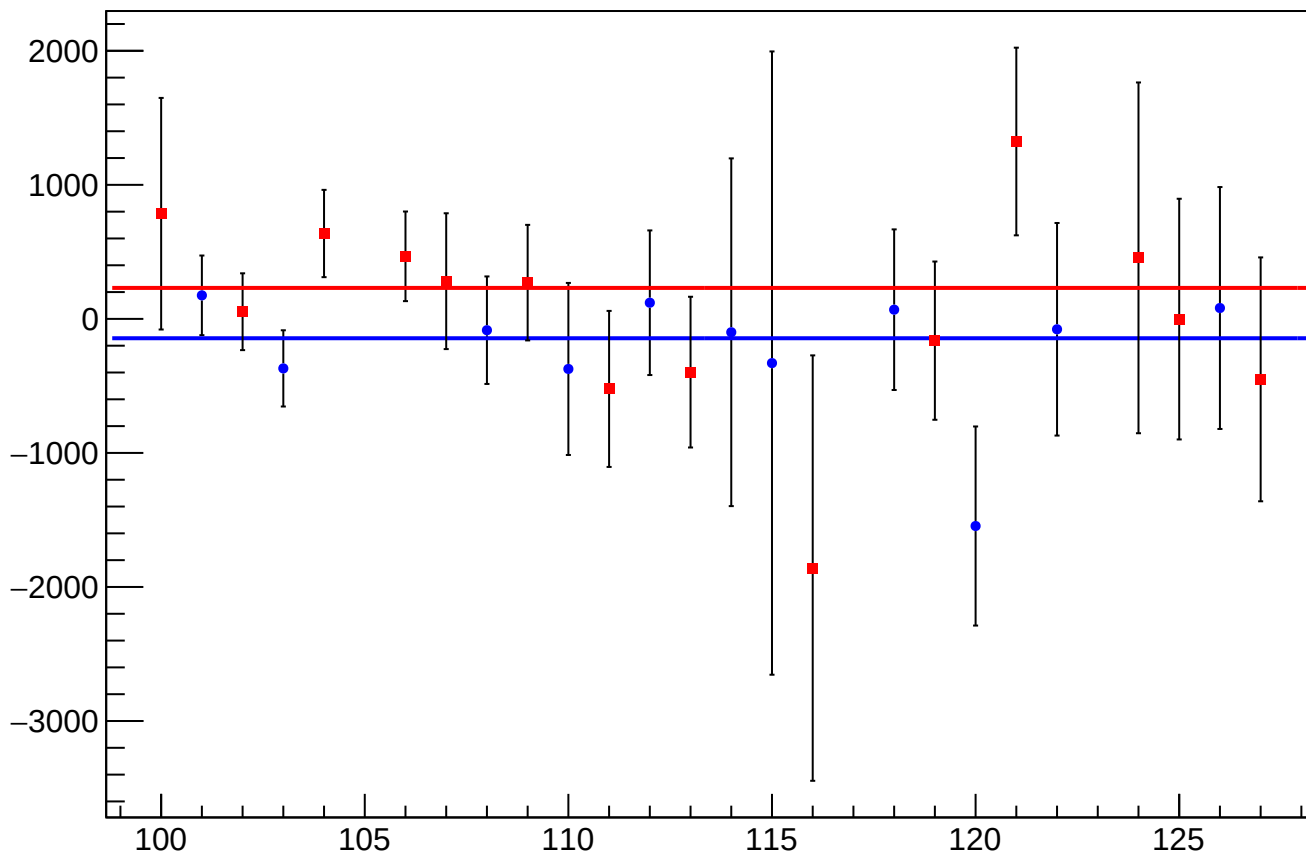
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 71.289 $\pm$ 0.016 χ^2 /NDF: 436283.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_dit_correction_mean vs Slug



Right In: -144.407+/-150.804 χ^2/NDF : 5.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 231.063+/-134.074 χ^2/NDF : 11.1/13

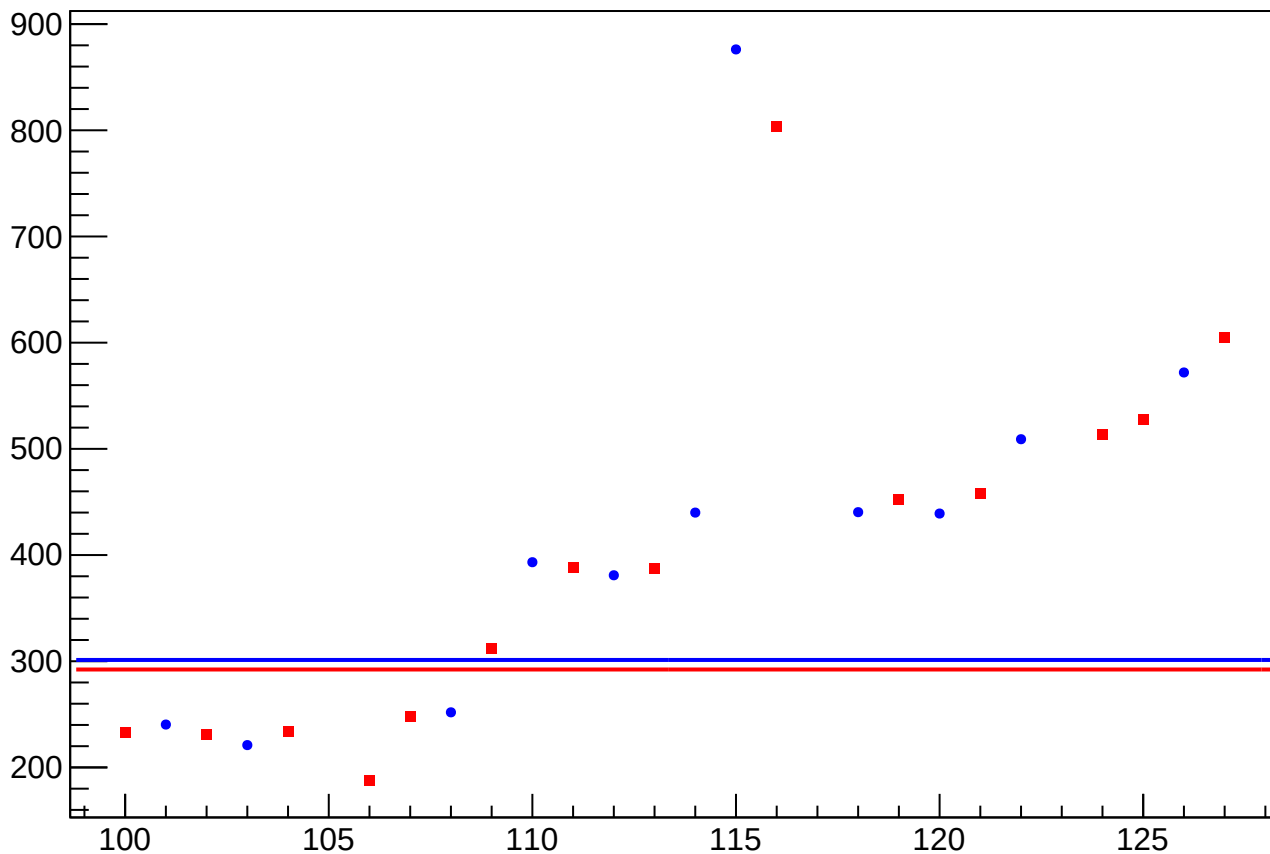
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.302+/-100.200 χ^2/NDF : 20.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_dit_correction_rms vs Slug



Right In: 301.210+/-0.107 χ^2/NDF : 997392.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 292.217+/-0.095 χ^2/NDF : 1391211.0/13

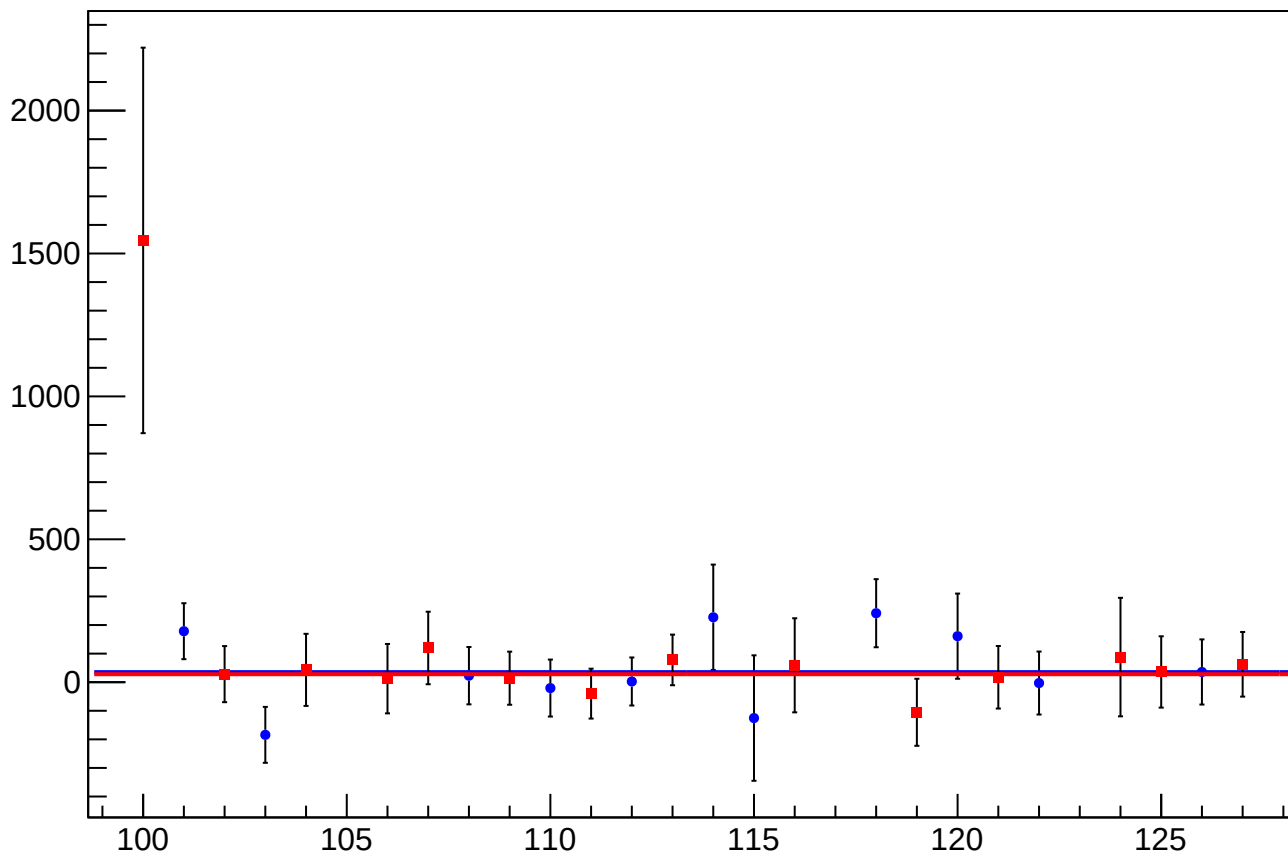
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 296.187+/-0.071 χ^2/NDF : 2392576.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_37_48_dd_mean vs Slug



Right In: 35.163+/-33.801 χ^2/NDF : 13.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.918+/-31.125 χ^2/NDF : 8.1/13

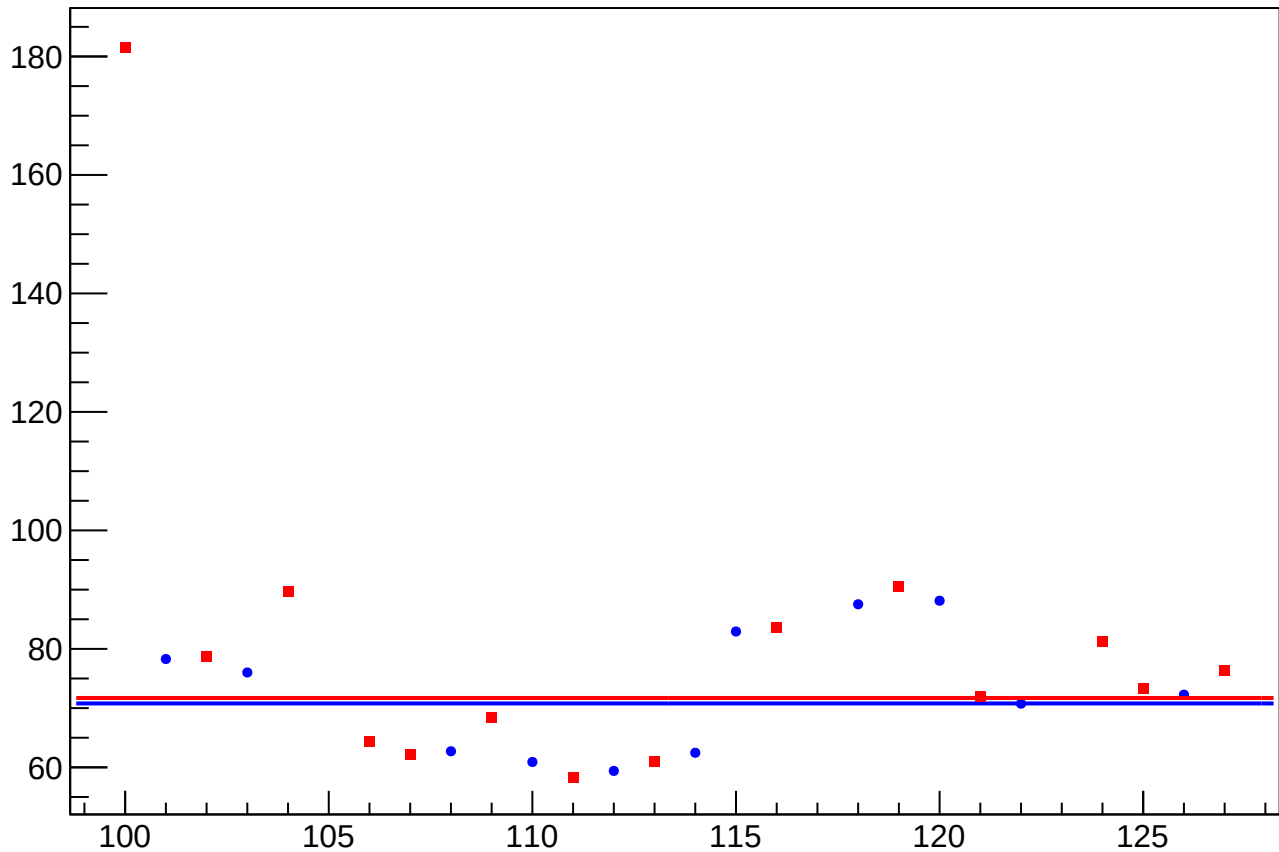
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.242+/-22.896 χ^2/NDF : 21.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_37_48_dd_rms vs Slug



Right In: 70.788 $\pm$ 0.024 χ^2 /NDF: 163832.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 71.714 $\pm$ 0.022 χ^2 /NDF: 271642.2/13

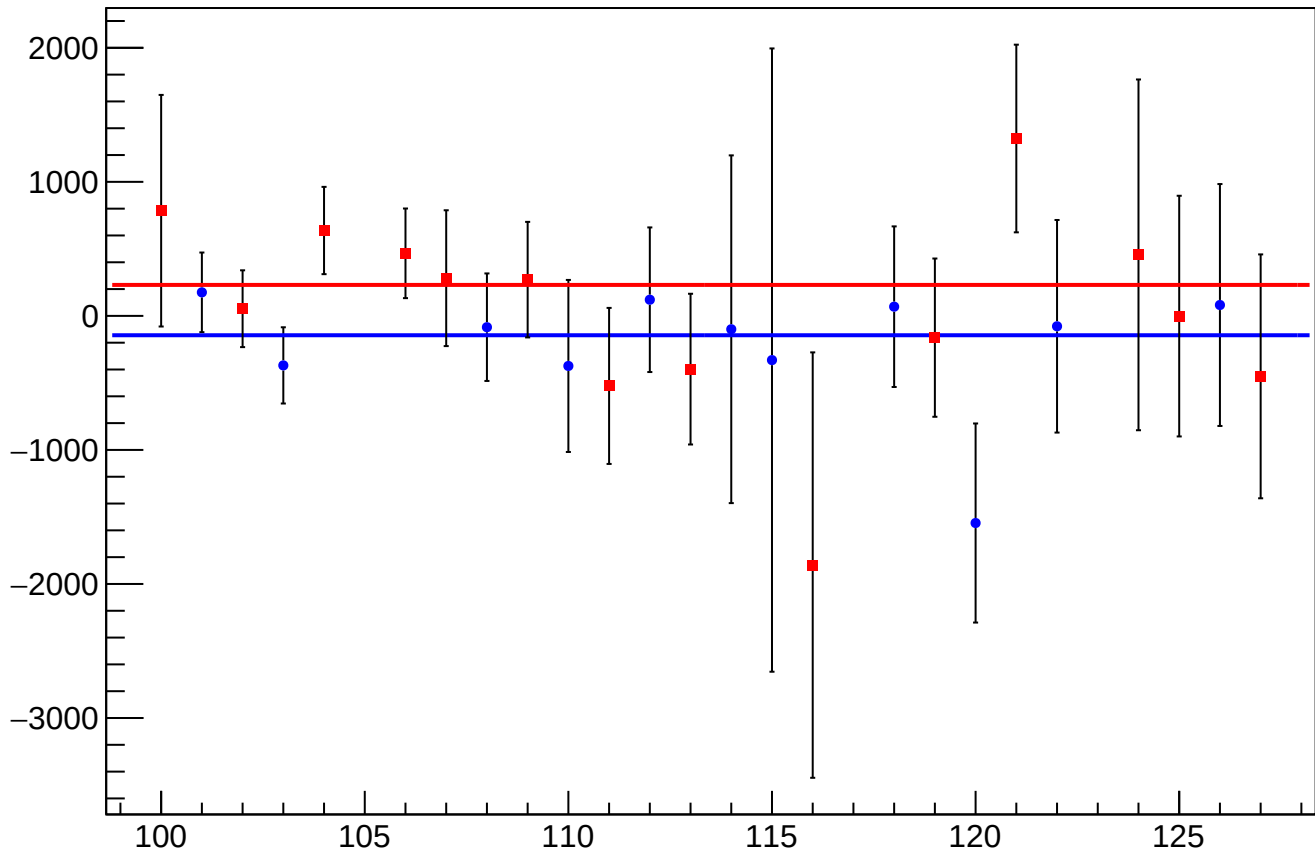
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 71.289 $\pm$ 0.016 χ^2 /NDF: 436287.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_eigen_dit_correction_mean vs Slug



Right In: -144.408+/-150.804 χ^2/NDF : 5.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 231.063+/-134.074 χ^2/NDF : 11.1/13

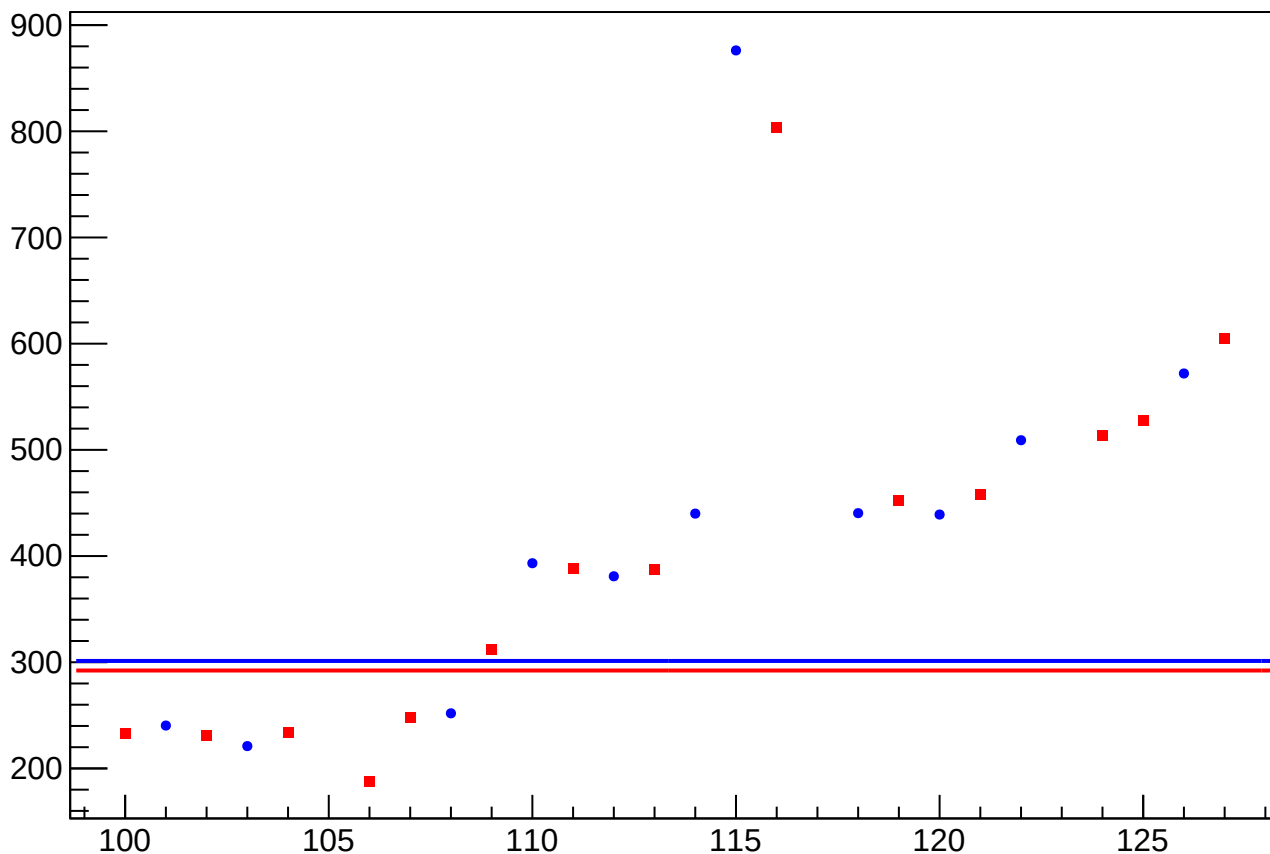
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.302+/-100.200 χ^2/NDF : 20.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_eigen_dit_correction_rms vs Slug



Right In: 301.210+/-0.107 χ^2/NDF : 997391.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 292.217+/-0.095 χ^2/NDF : 1391208.9/13

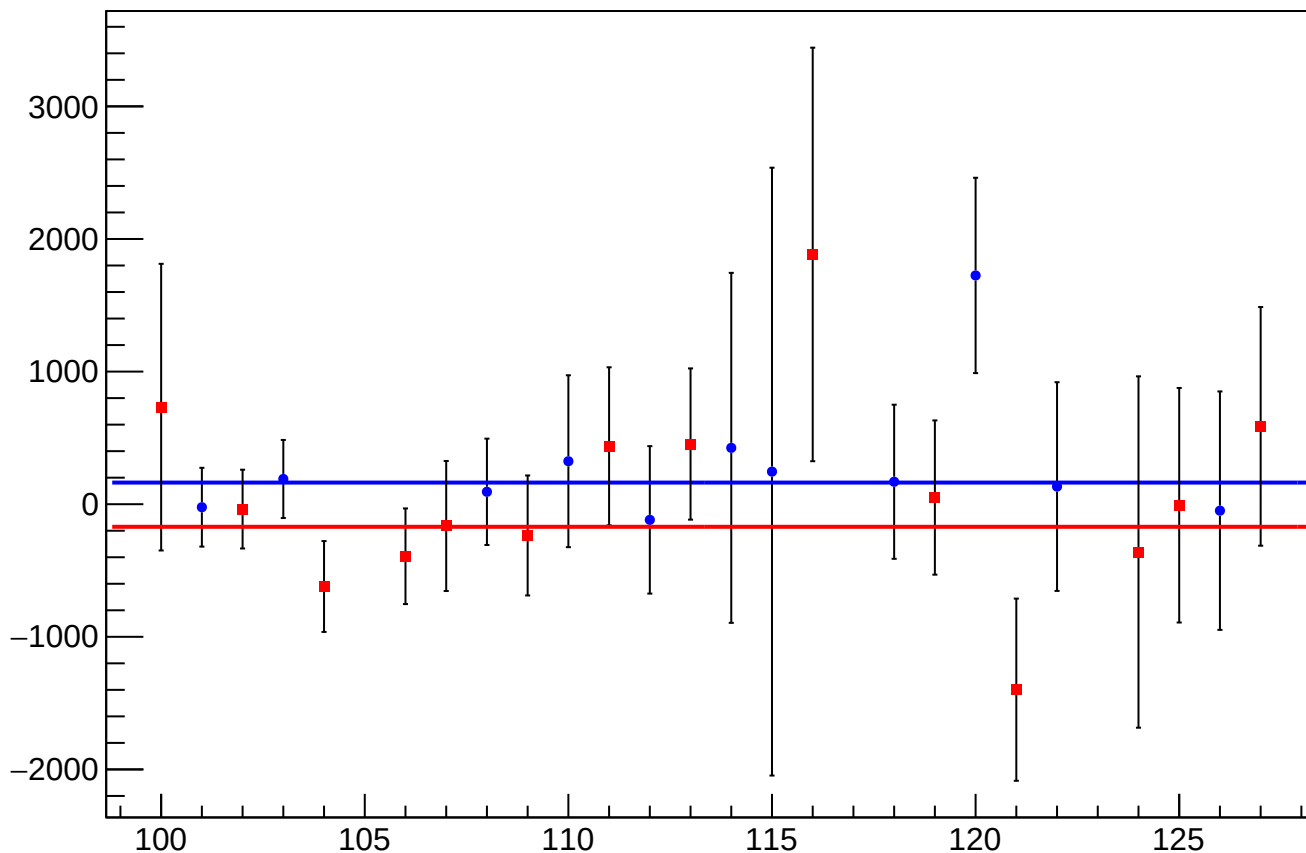
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 296.187+/-0.071 χ^2/NDF : 2392573.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_mean vs Slug



Right In: 163.120+/-152.267 χ^2/NDF : 5.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -170.333+/-138.802 χ^2/NDF : 11.1/13

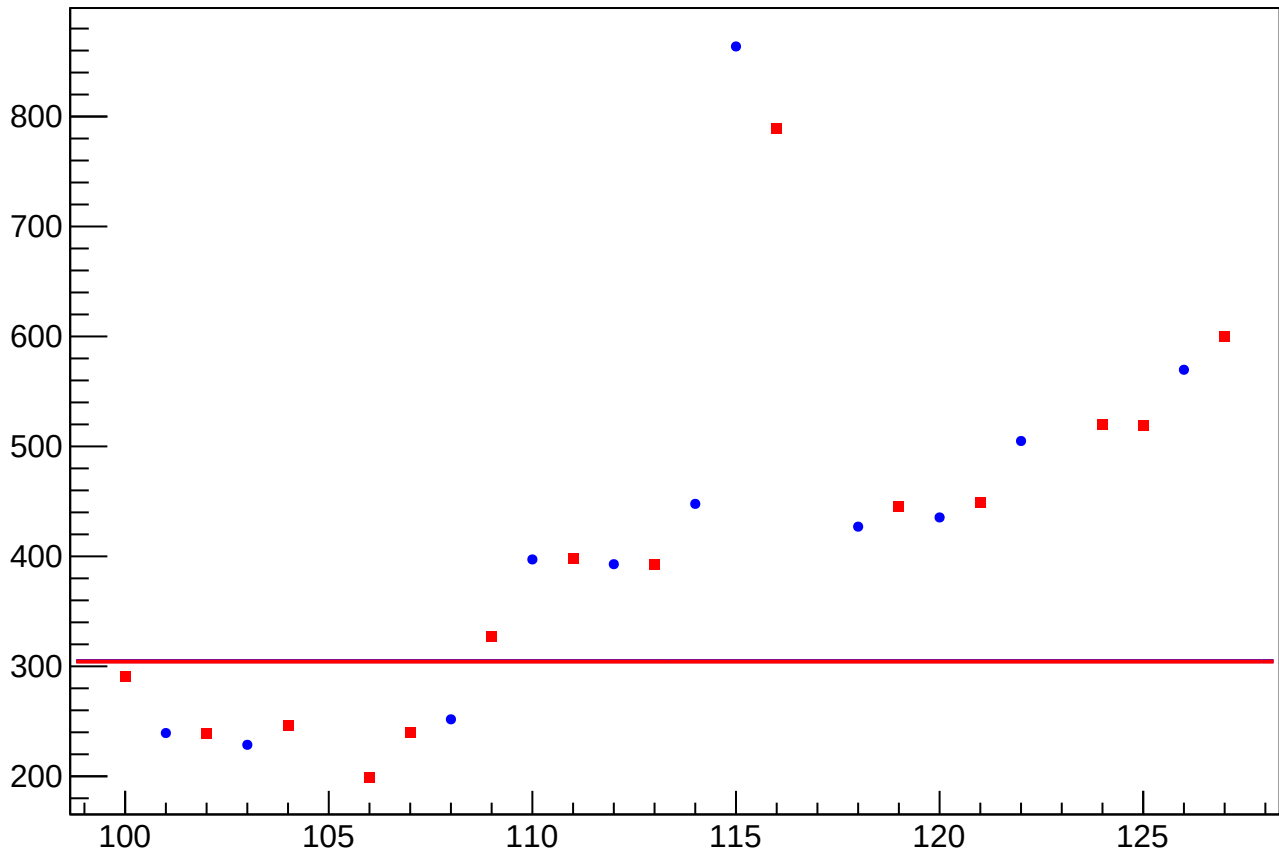
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.000+/-102.578 χ^2/NDF : 19.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_rms vs Slug



Right In: 304.725+/-0.108 χ^2/NDF : 953657.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 304.343+/-0.098 χ^2/NDF : 1248386.0/13

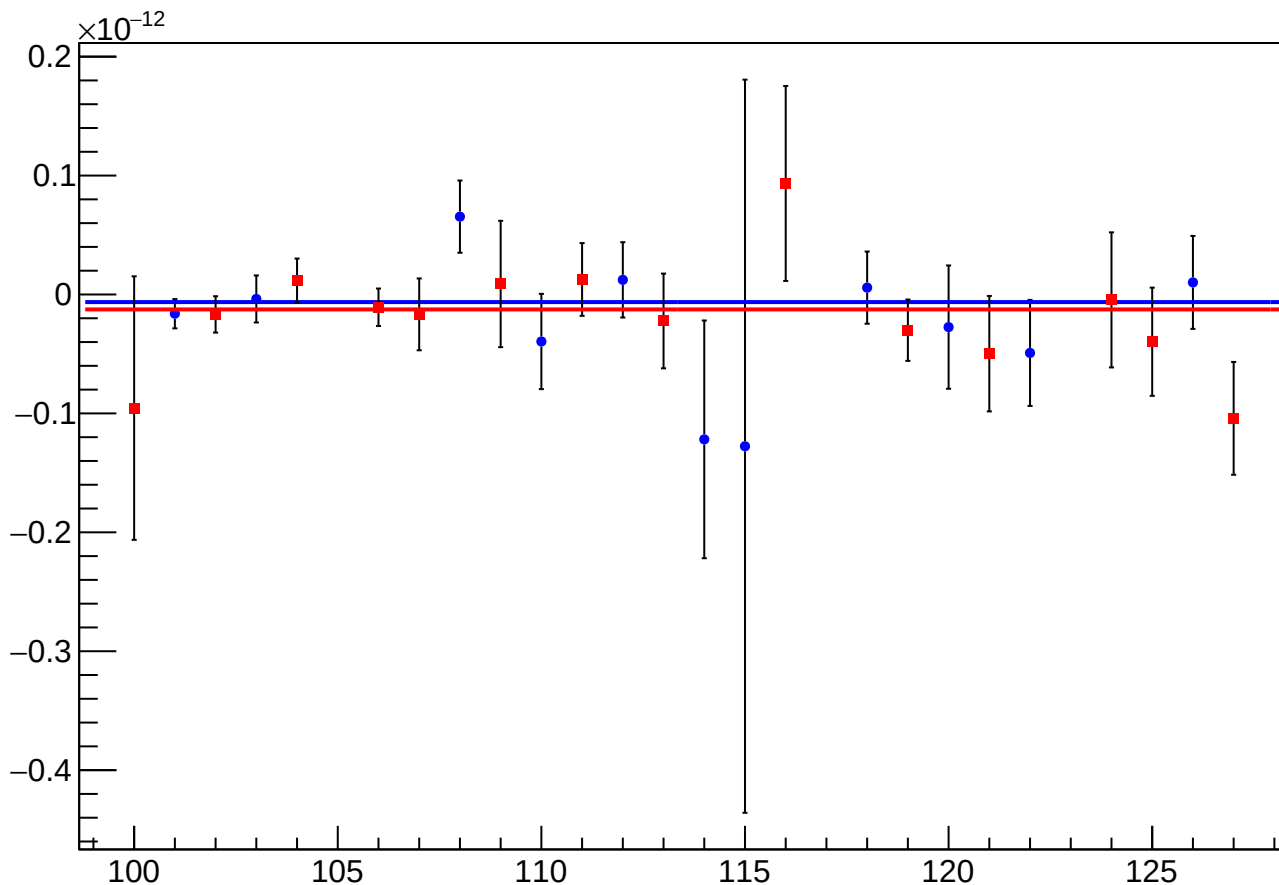
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 304.517+/-0.073 χ^2/NDF : 2202050.7/24

- 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: 10.2/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 10.1/13

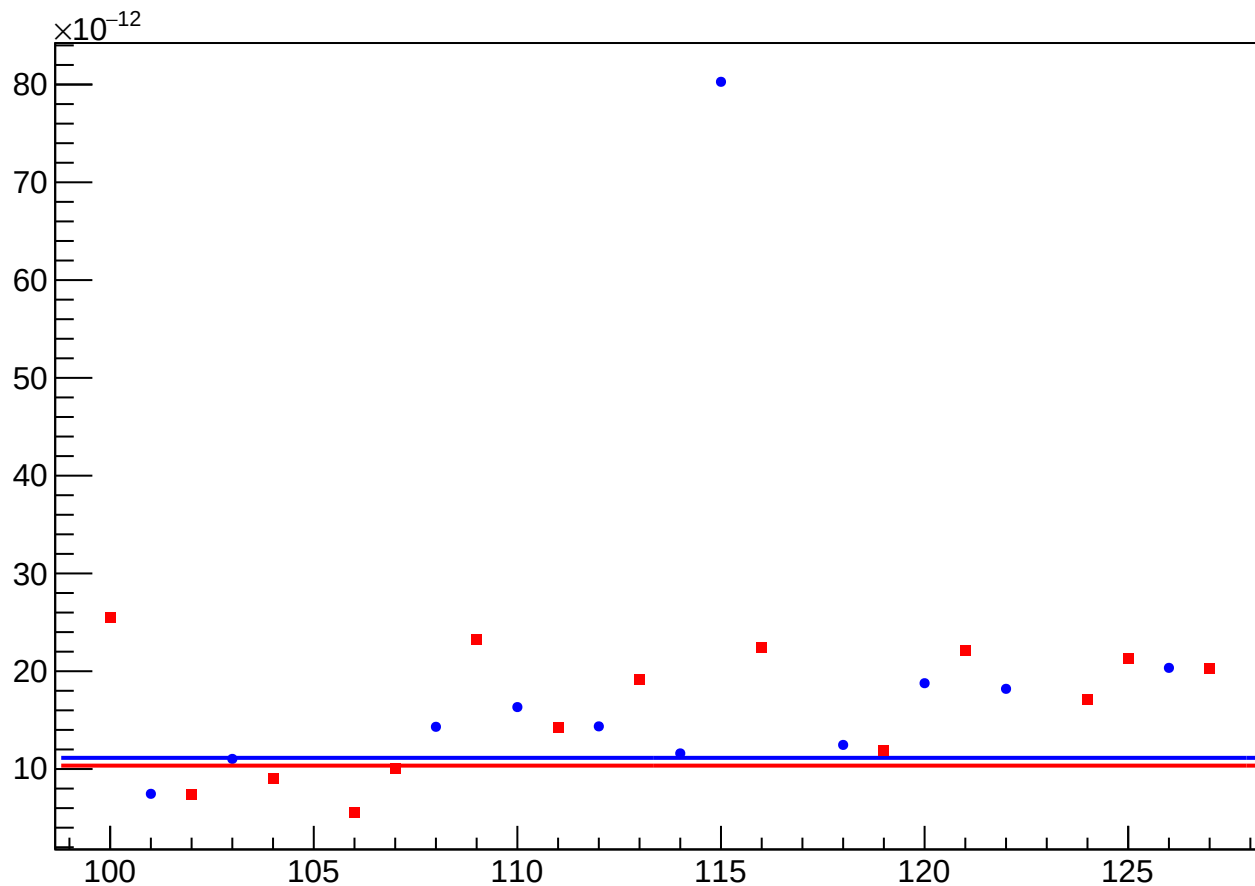
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 20.6/24

- 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 : 563246.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 957973.2/13

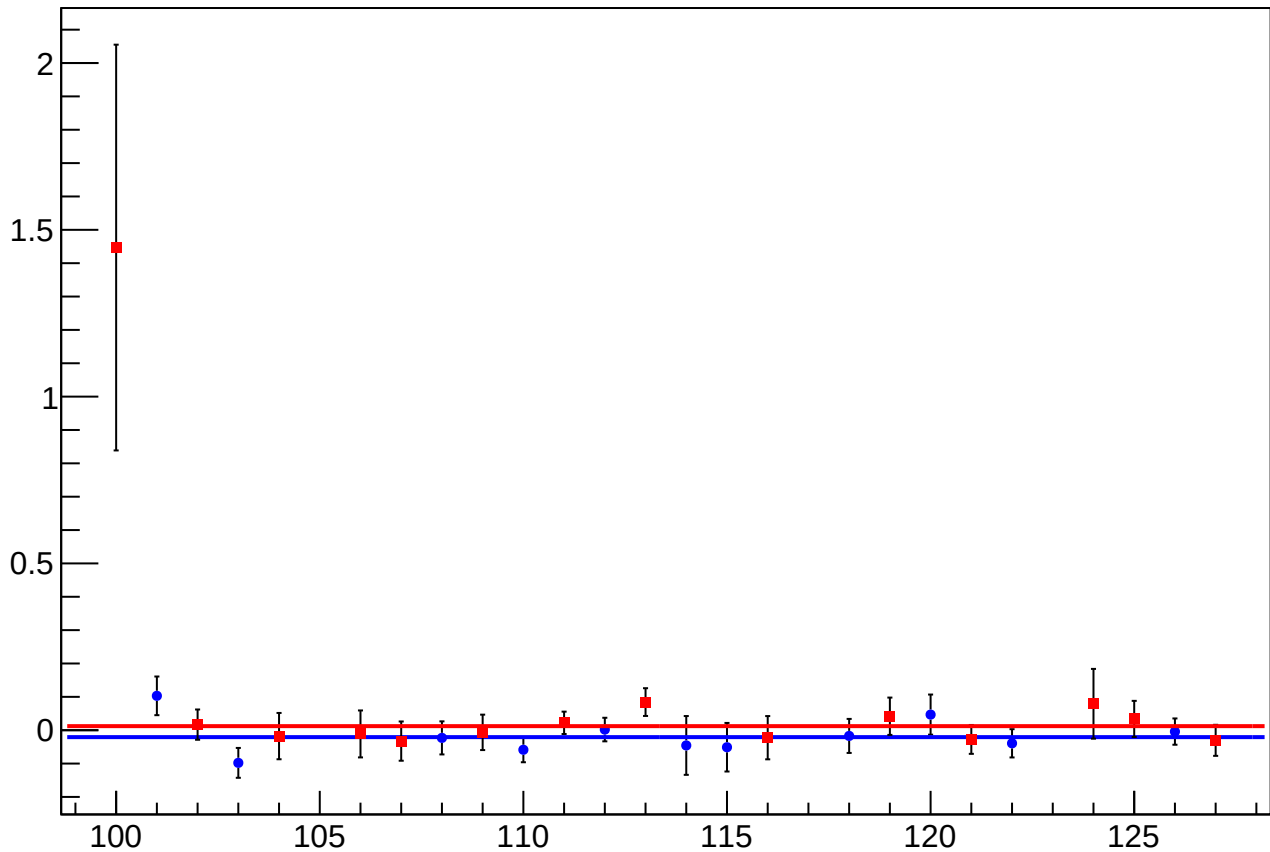
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1531346.9/24

- 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: -0.021 ± 0.014 χ^2/NDF : 10.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.012 ± 0.014 χ^2/NDF : 12.5/13

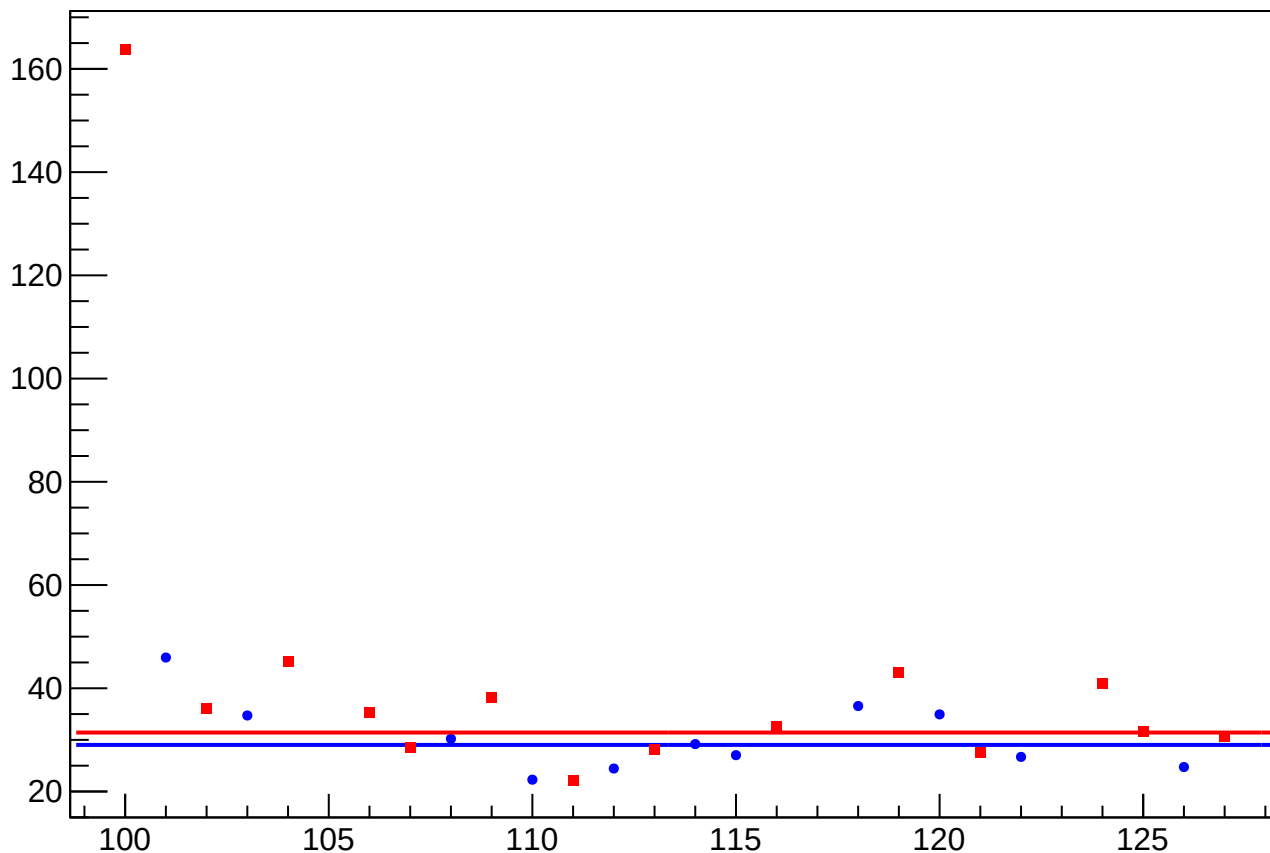
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.004 ± 0.010 χ^2/NDF : 26.0/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_dit_vs_cor_diff_rms vs Slug



Right In: 29.027+/-0.010 χ^2/NDF : 396889.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.423+/-0.010 χ^2/NDF : 524867.3/13

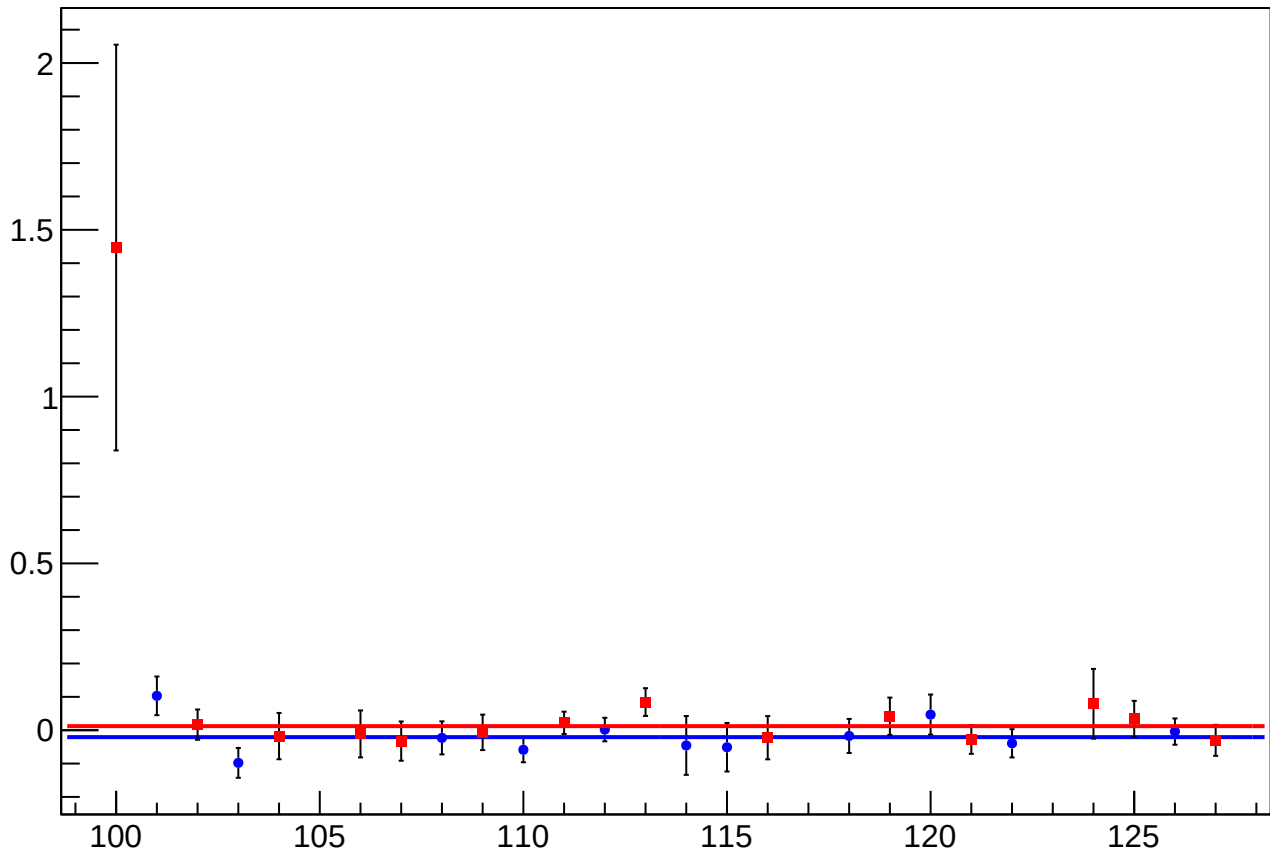
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.237+/-0.007 χ^2/NDF : 950164.3/24

- 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: -0.021 $\pm$ 0.014 χ^2 /NDF: 10.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.012 $\pm$ 0.014 χ^2 /NDF: 12.5/13

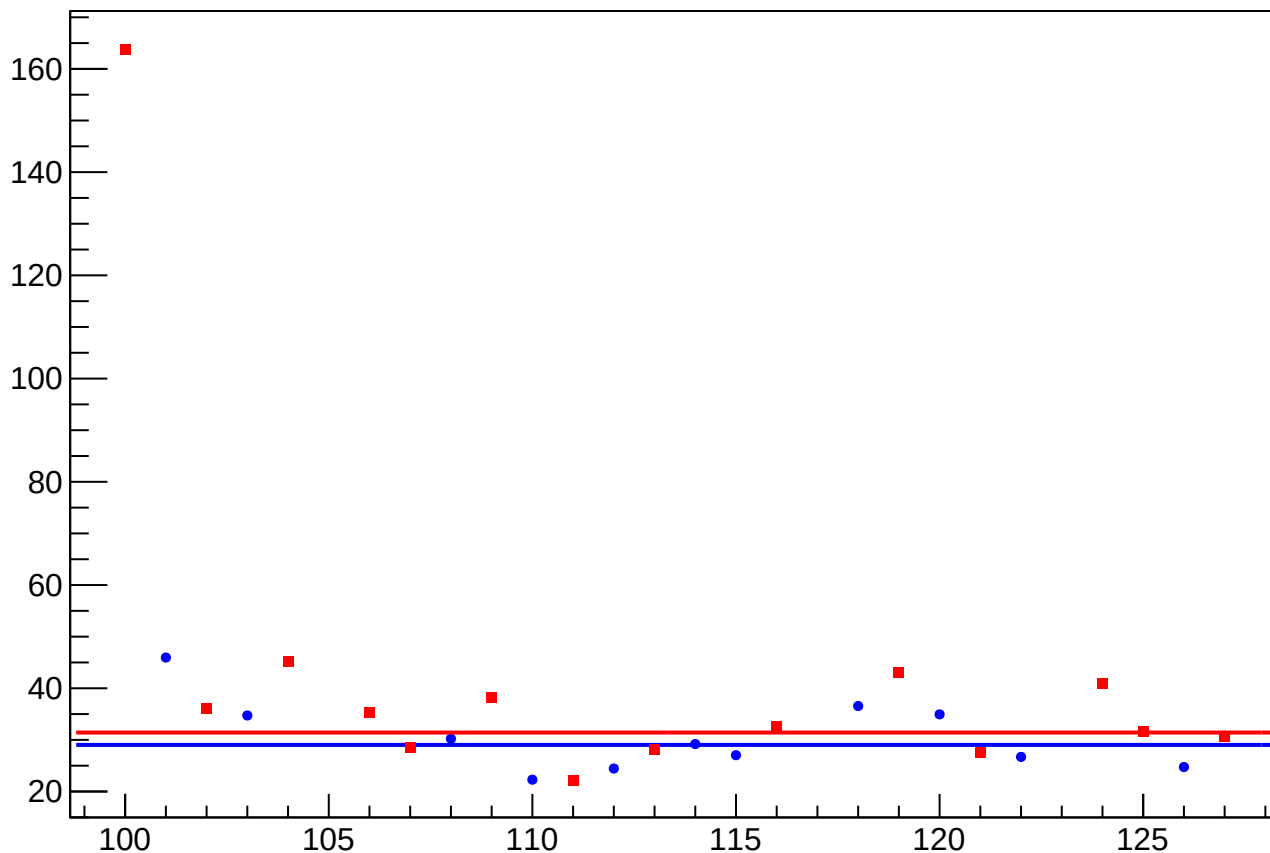
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.004 $\pm$ 0.010 χ^2 /NDF: 26.0/24

- 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: 29.027 $\pm$ 0.010 χ^2 /NDF: 396889.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 31.423 $\pm$ 0.010 χ^2 /NDF: 524867.3/13

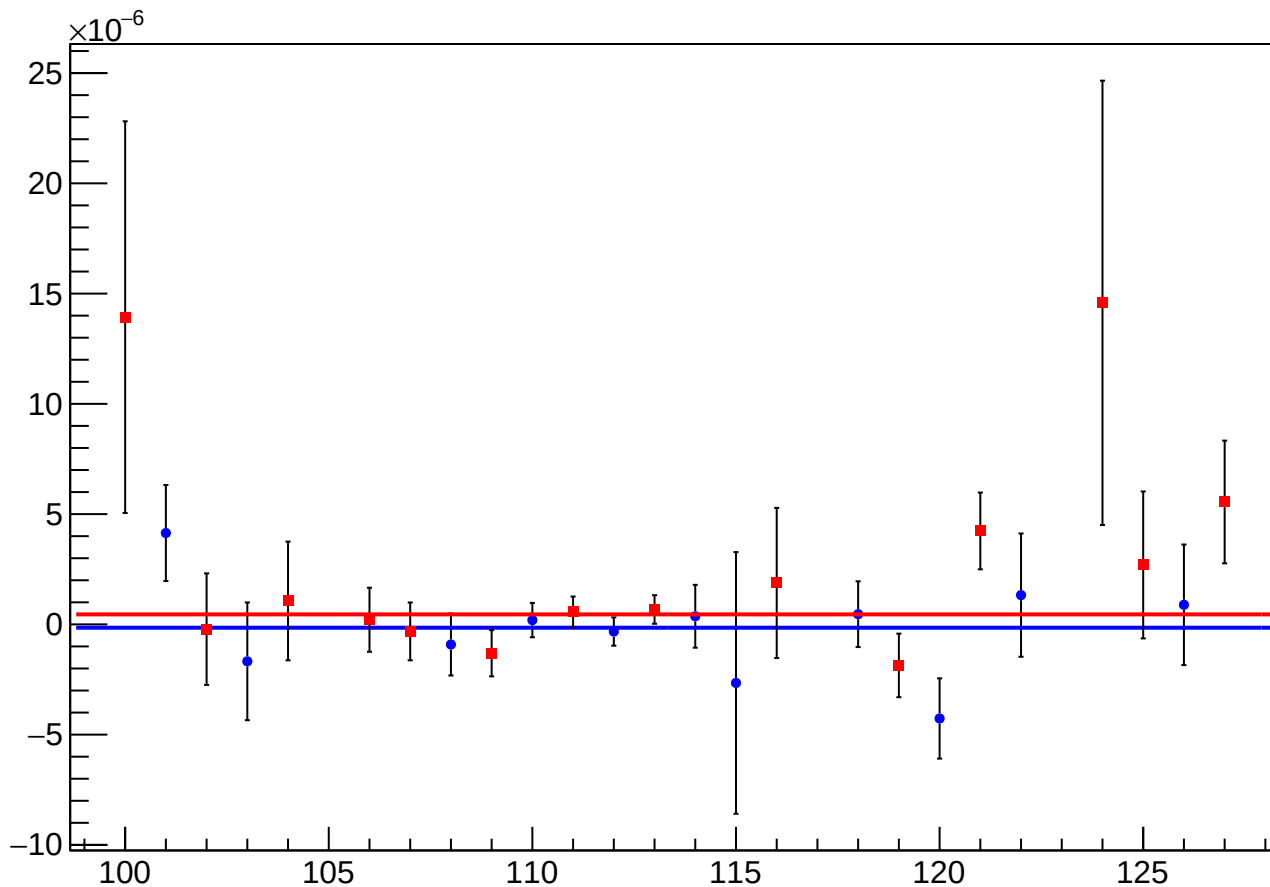
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.237 $\pm$ 0.007 χ^2 /NDF: 950164.3/24

- sign 0.000 $\pm$ 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 : 10.8/10

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 +/- 0.000 χ^2/NDF : 19.0/13

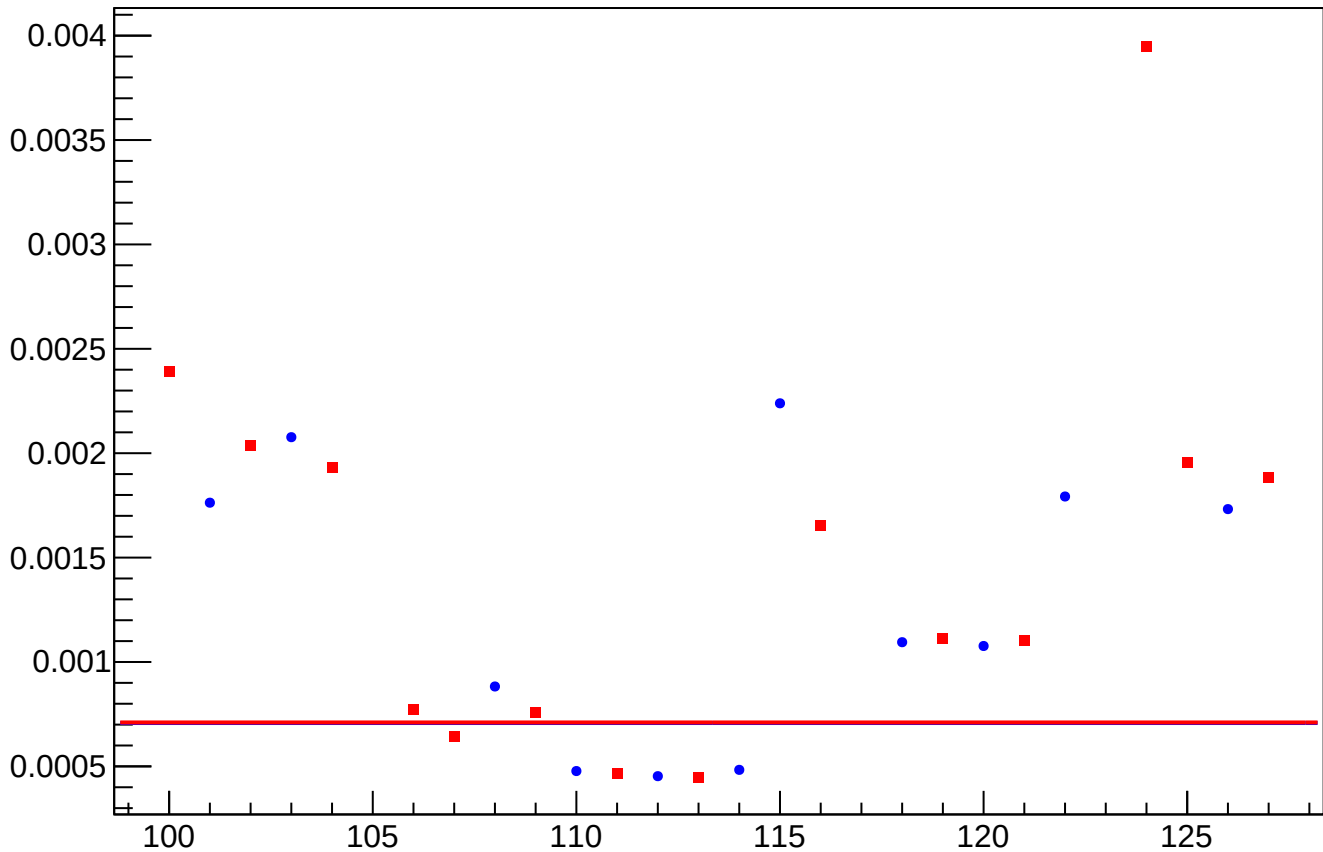
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 0.000 +/- 0.000 χ^2/NDF : 31.1/24

- 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 : 2497936.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2876441.4/13

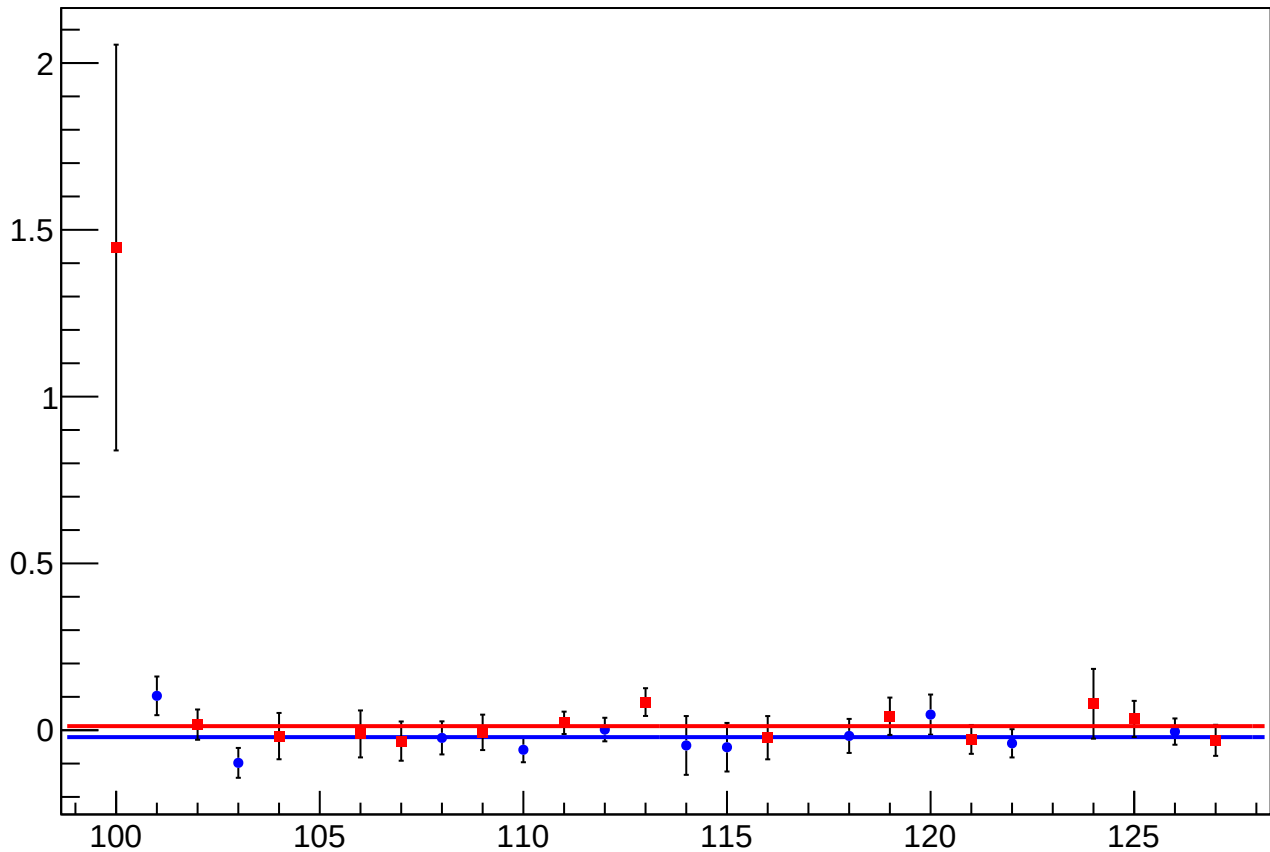
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5374429.8/24

- 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: -0.021 ± 0.014 χ^2/NDF : 10.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.012 ± 0.014 χ^2/NDF : 12.5/13

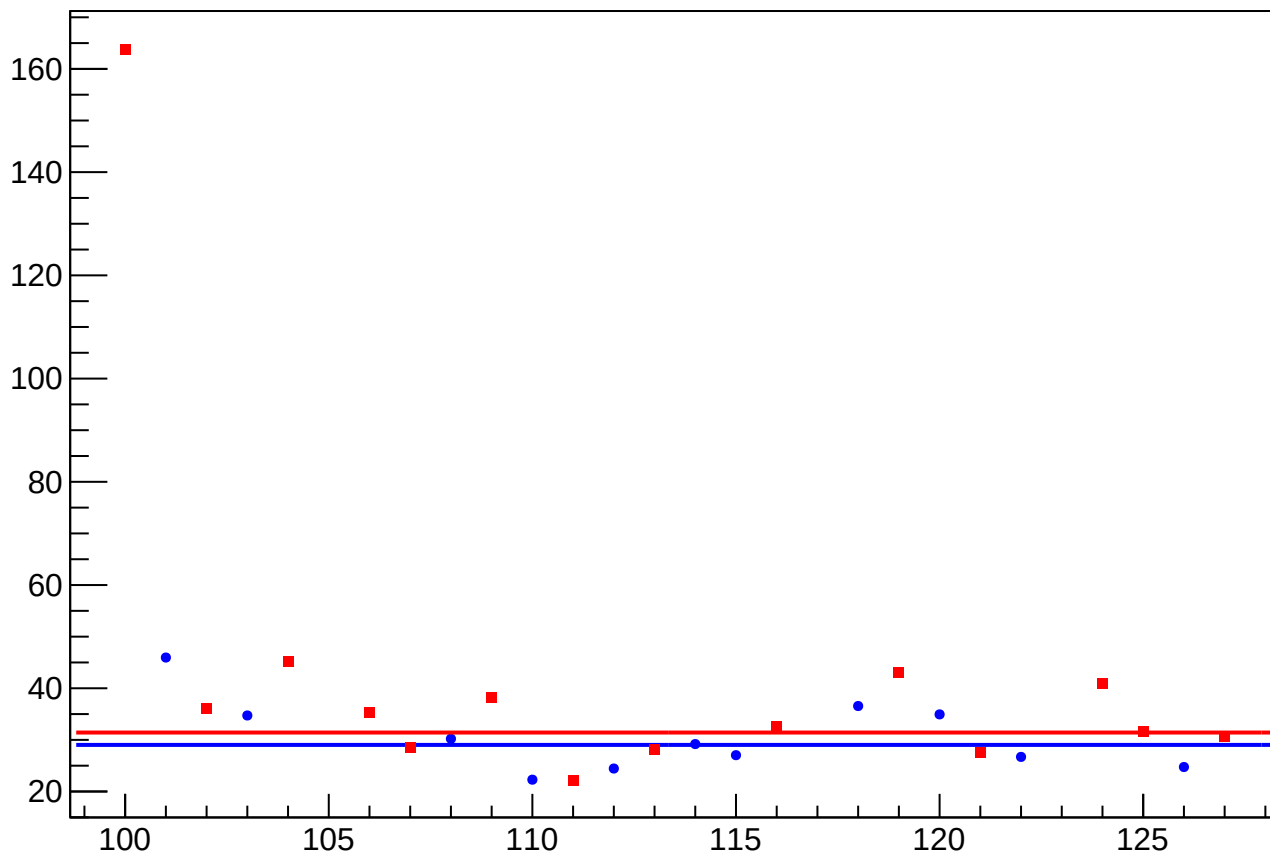
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.004 ± 0.010 χ^2/NDF : 26.0/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 29.028 $\pm$ 0.010 χ^2 /NDF: 396874.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 31.424 $\pm$ 0.010 χ^2 /NDF: 524871.6/13

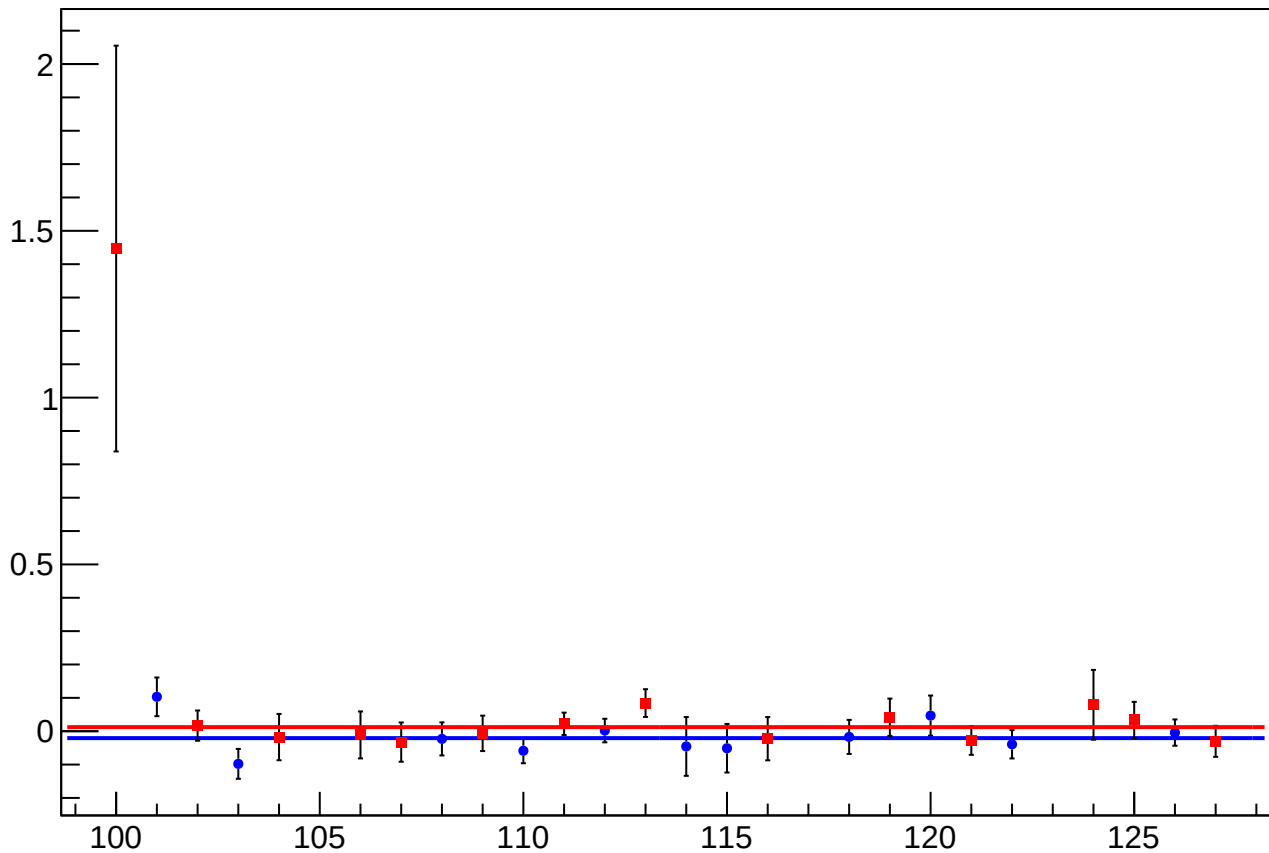
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.237 $\pm$ 0.007 χ^2 /NDF: 950153.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.021 ± 0.014 χ^2/NDF : 10.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.012 ± 0.014 χ^2/NDF : 12.5/13

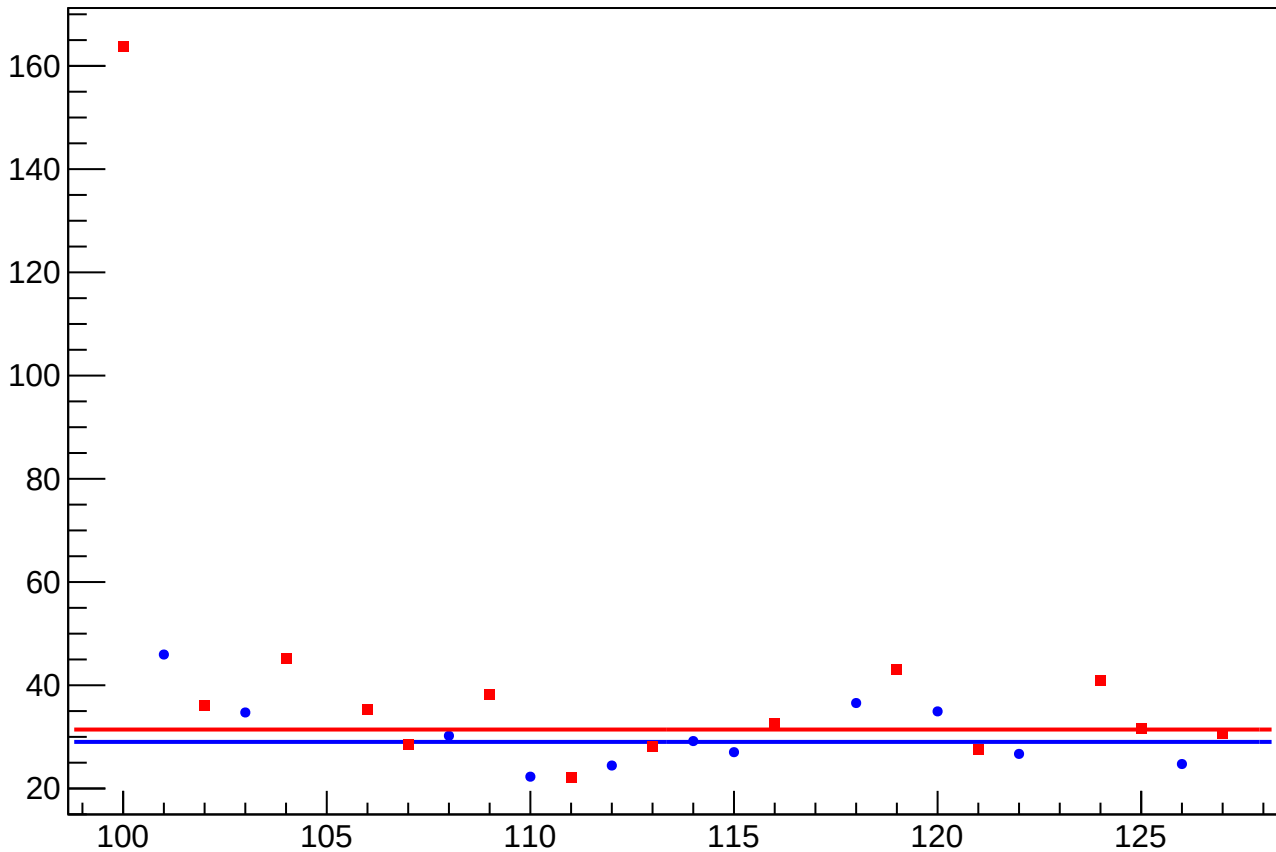
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.004 ± 0.010 χ^2/NDF : 26.0/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 29.028 $\pm$ 0.010 χ^2 /NDF: 396874.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 31.424 $\pm$ 0.010 χ^2 /NDF: 524871.6/13

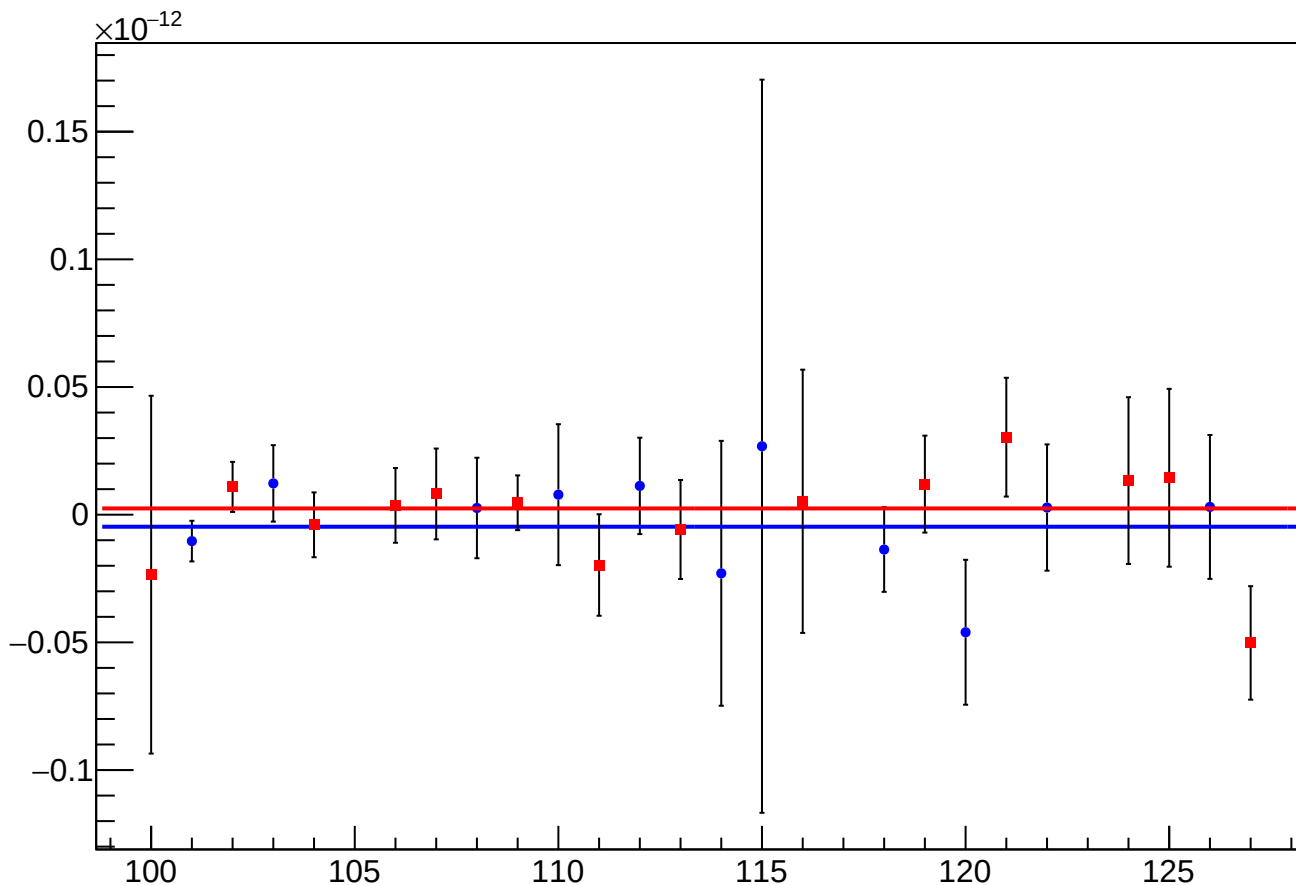
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.237 $\pm$ 0.007 χ^2 /NDF: 950153.9/24

- 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+/-0.000 χ^2/NDF : 5.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.2/13

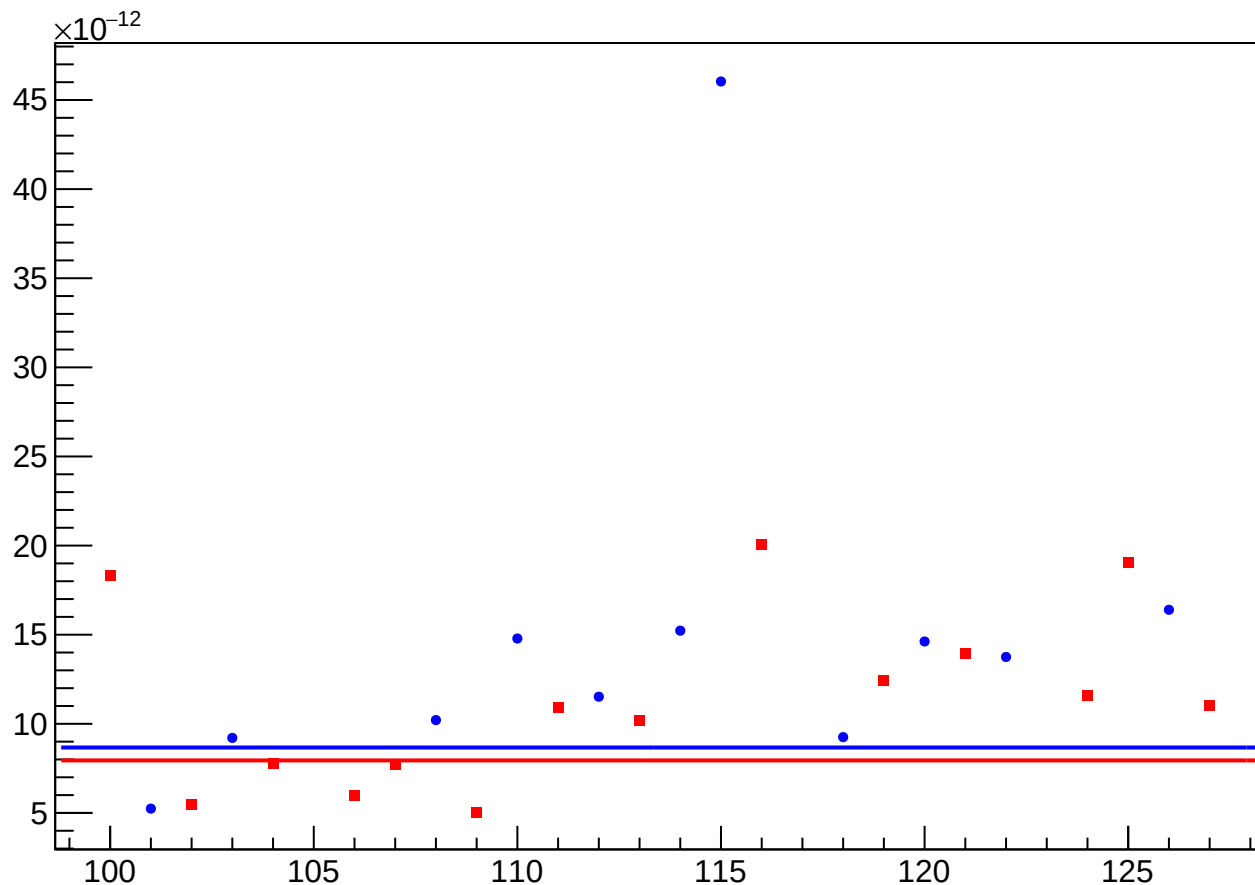
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.9/24

- sign 0.000+/-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 : 1022897.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1051307.2/13

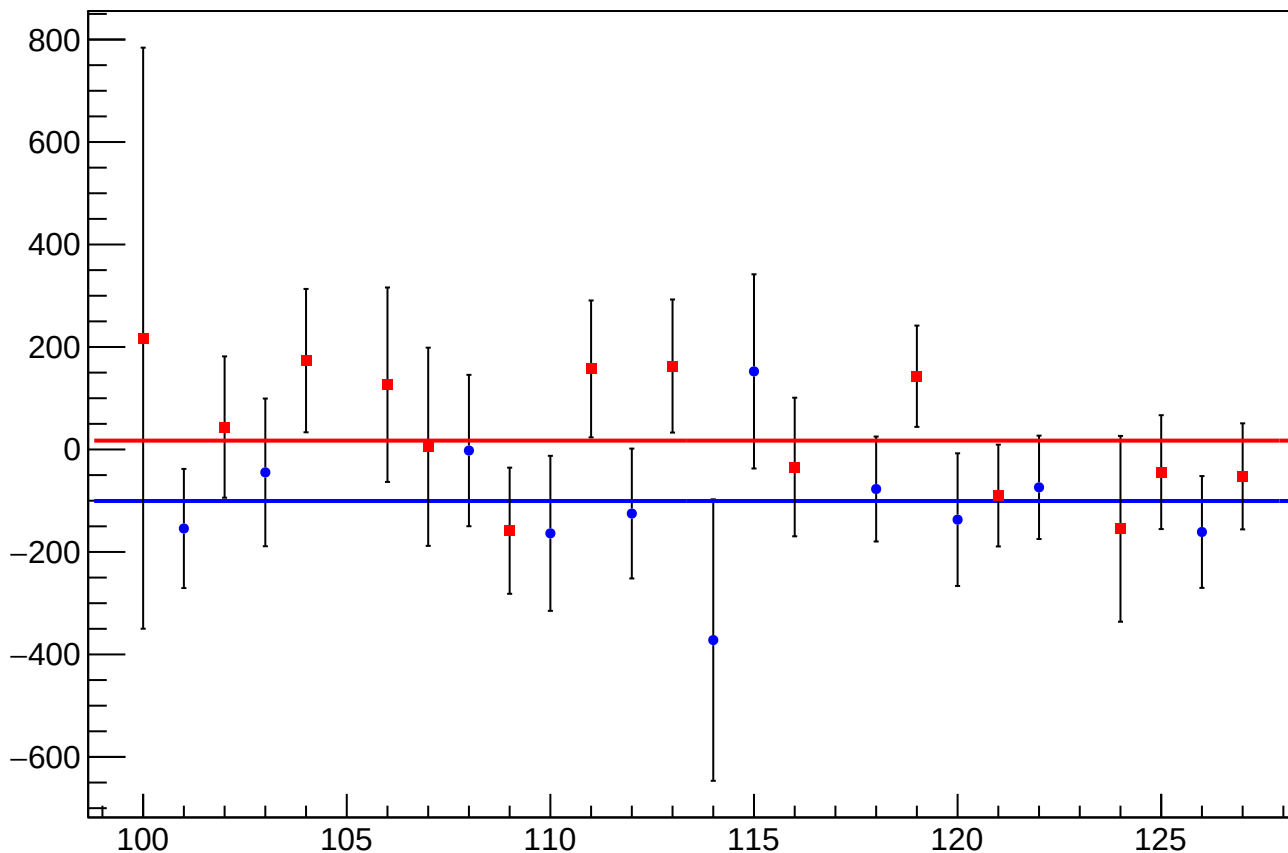
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2095380.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_mean vs Slug



Right In: -100.552+/-39.151 χ^2/NDF : 4.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.311+/-35.228 χ^2/NDF : 10.7/13

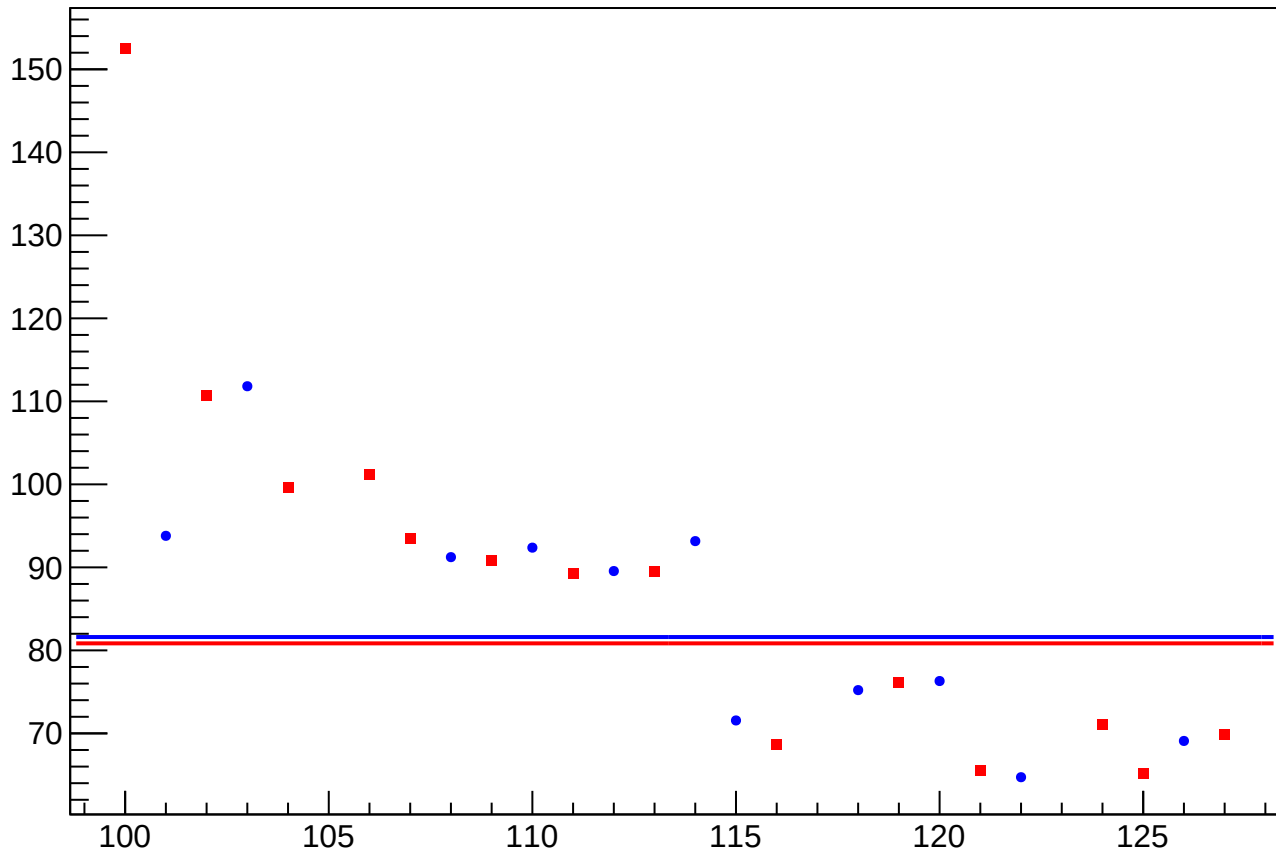
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.420+/-26.187 χ^2/NDF : 20.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_rms vs Slug



Right In: 81.607+/-0.028 χ^2/NDF : 239112.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.845+/-0.025 χ^2/NDF : 359872.3/13

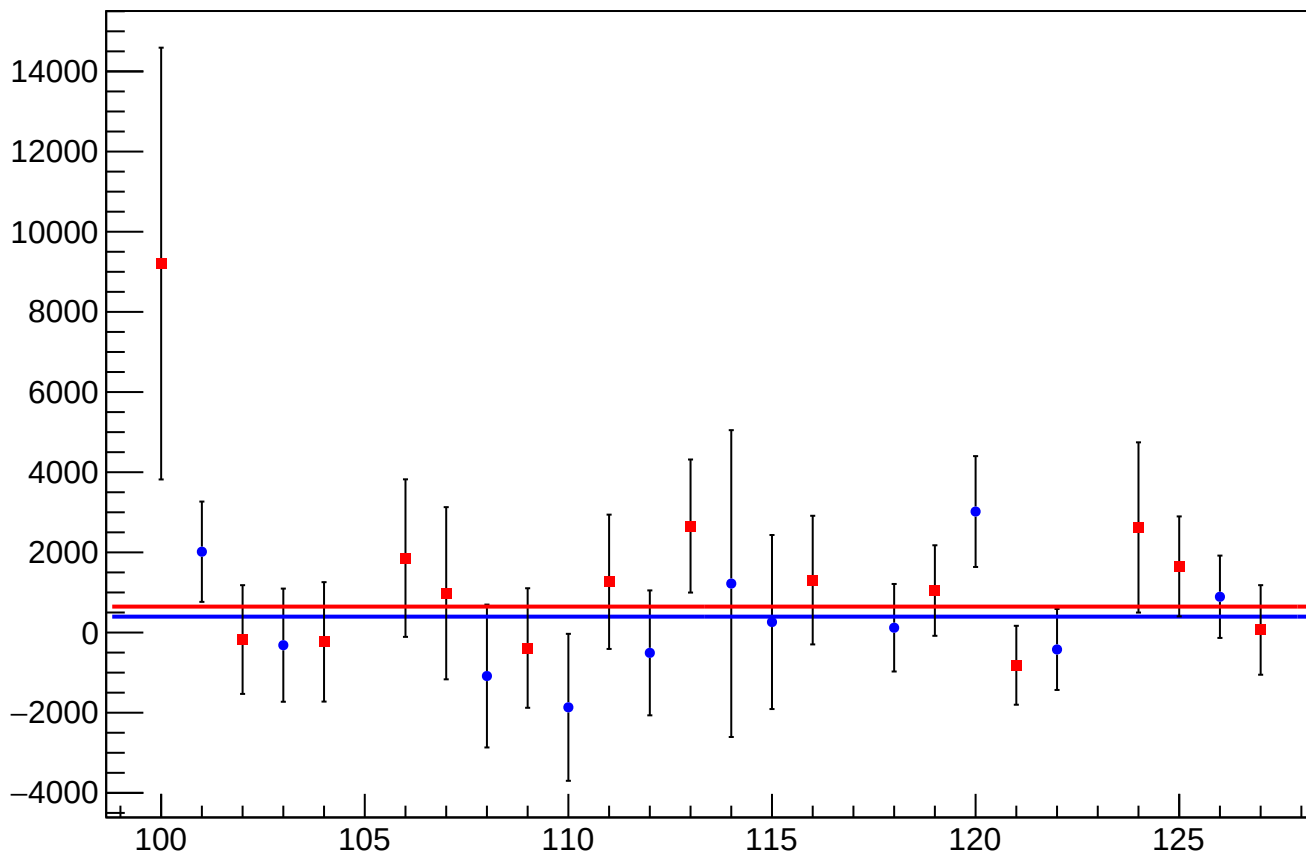
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.186+/-0.019 χ^2/NDF : 599403.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_reg_correction_mean vs Slug



Right In: 396.820+/-417.597 χ^2/NDF : 9.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 647.280+/-390.944 χ^2/NDF : 10.0/13

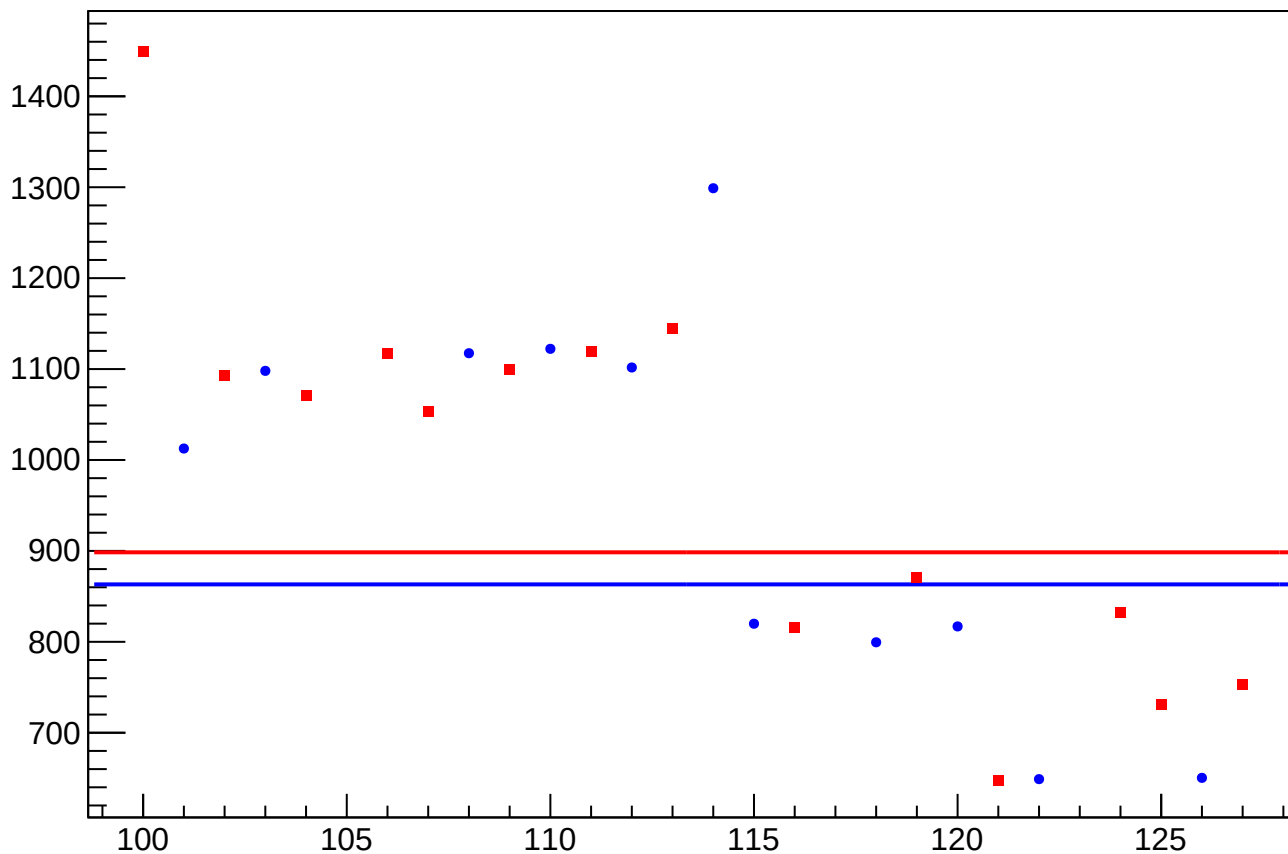
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 530.297+/-285.397 χ^2/NDF : 19.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_reg_correction_rms vs Slug



Right In: 863.176+/-0.295 χ^2/NDF : 422903.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 898.446+/-0.276 χ^2/NDF : 446904.6/13

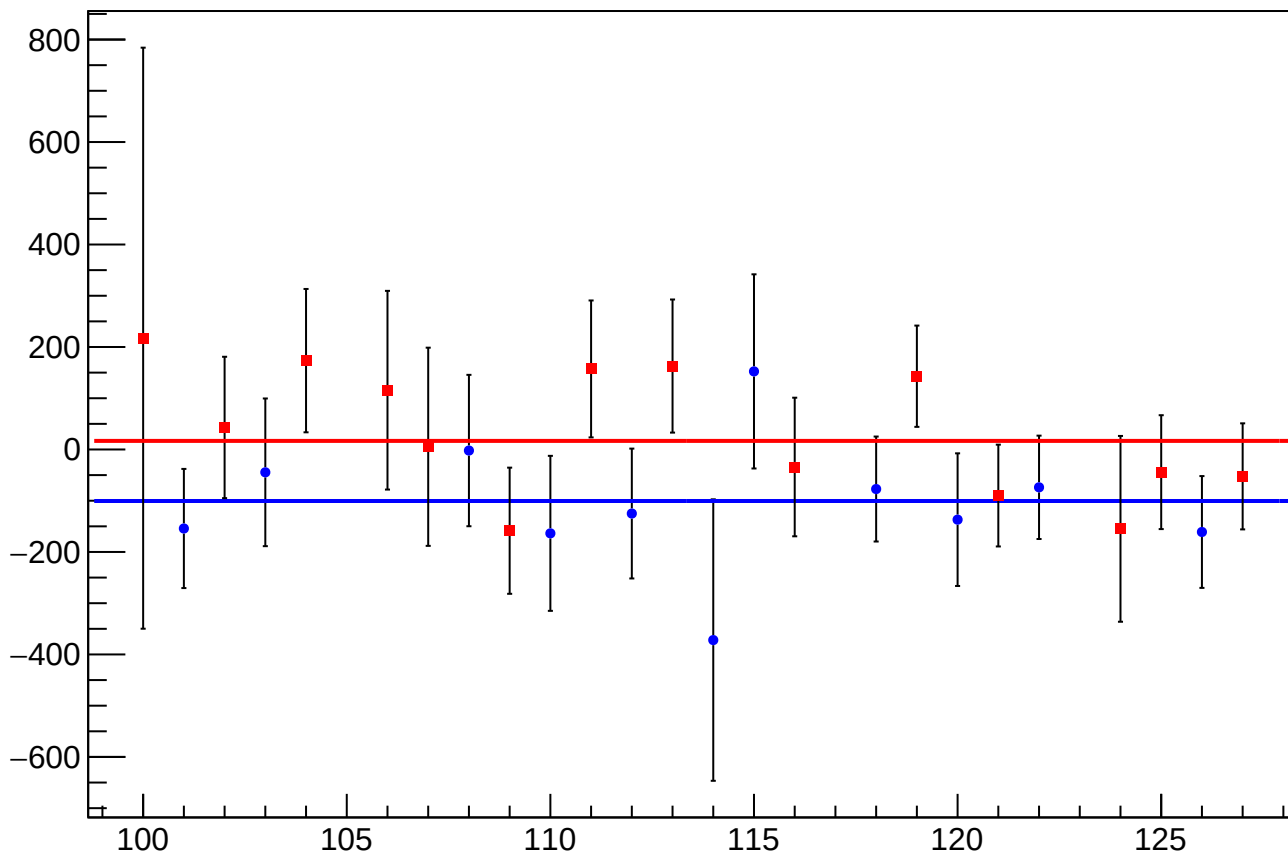
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 881.972+/-0.202 χ^2/NDF : 877410.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_26_dd_mean vs Slug



Right In: -100.542 $\pm$ 39.151 χ^2 /NDF: 4.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.739 $\pm$ 35.255 χ^2 /NDF: 10.6/13

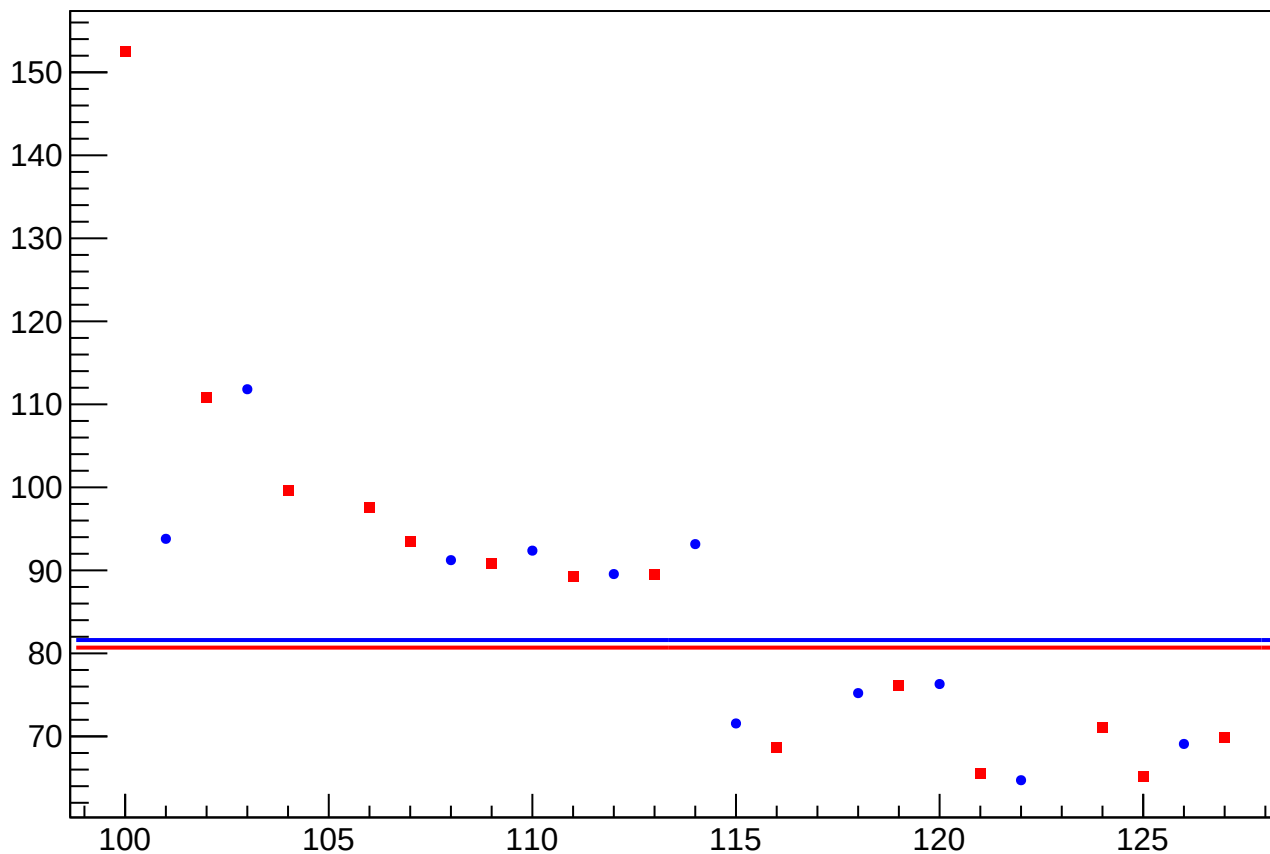
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -35.776 $\pm$ 26.198 χ^2 /NDF: 19.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_15_26_dd_rms vs Slug



Right In: 81.607 $\pm$ 0.028 χ^2 /NDF: 239114.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 80.695 $\pm$ 0.025 χ^2 /NDF: 351856.1/13

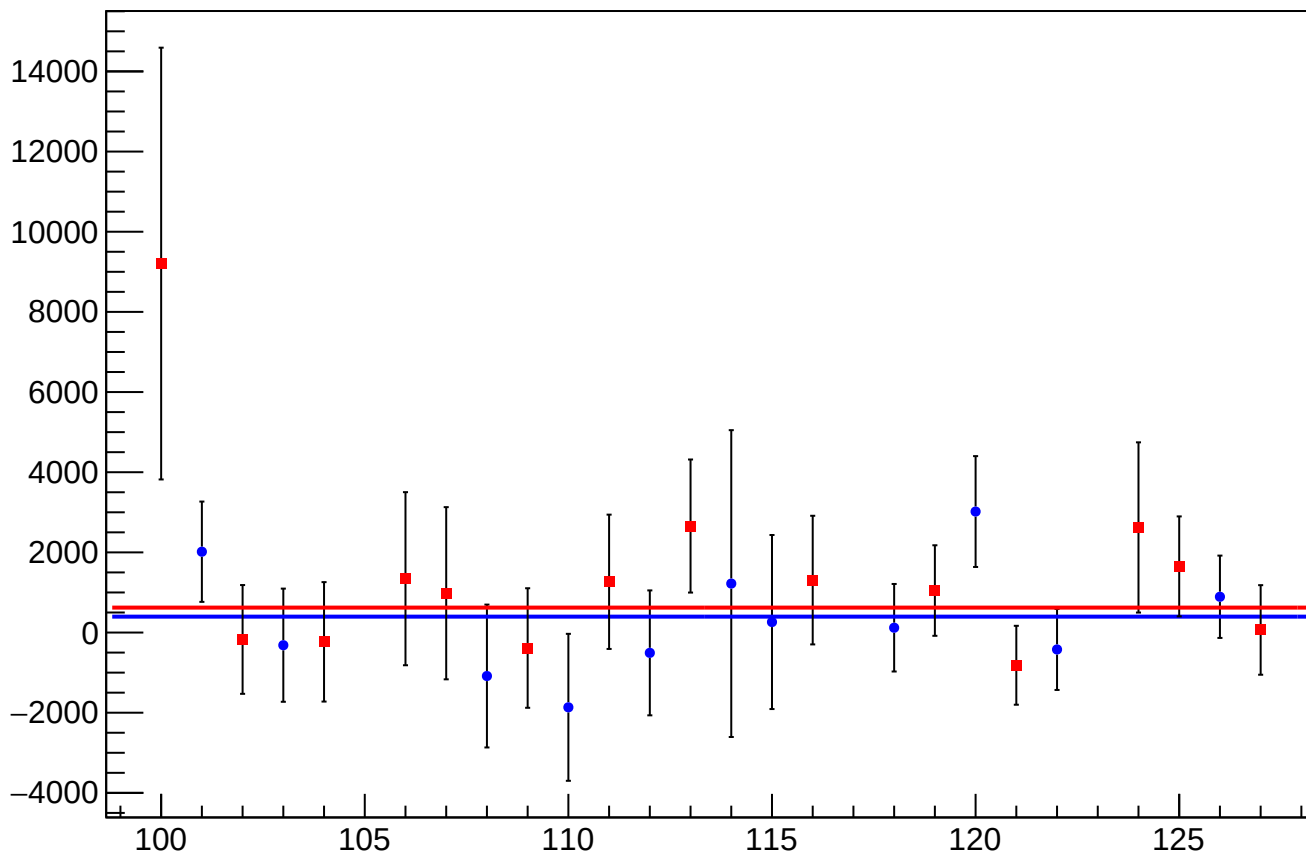
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 81.103 $\pm$ 0.019 χ^2 /NDF: 591570.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_cor_correction_mean vs Slug



Right In: 396.780+/-417.599 χ^2/NDF : 9.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 622.381+/-392.297 χ^2/NDF : 9.7/13

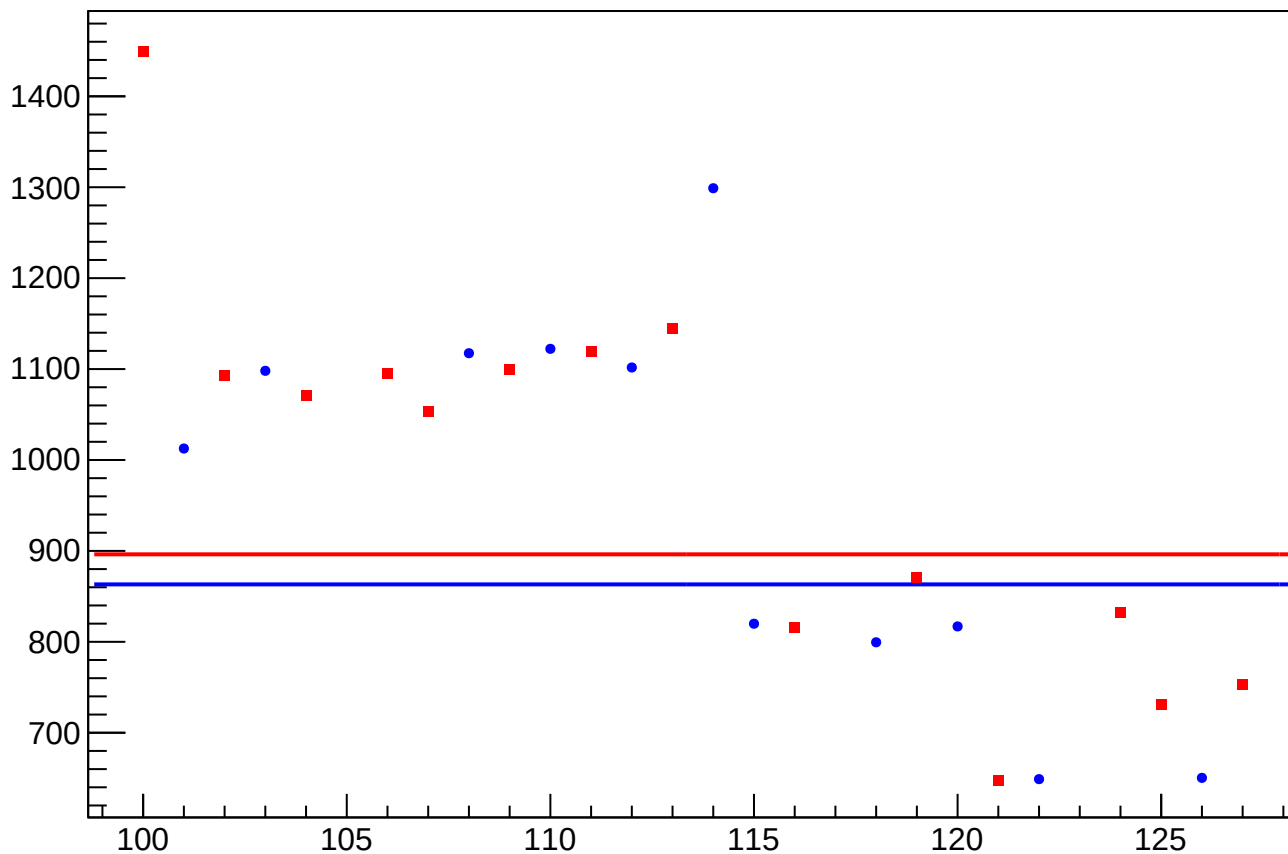
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 516.621+/-285.923 χ^2/NDF : 19.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_cor_correction_rms vs Slug



Right In: 863.178+/-0.295 χ^2/NDF : 422925.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 896.231+/-0.277 χ^2/NDF : 438730.4/13

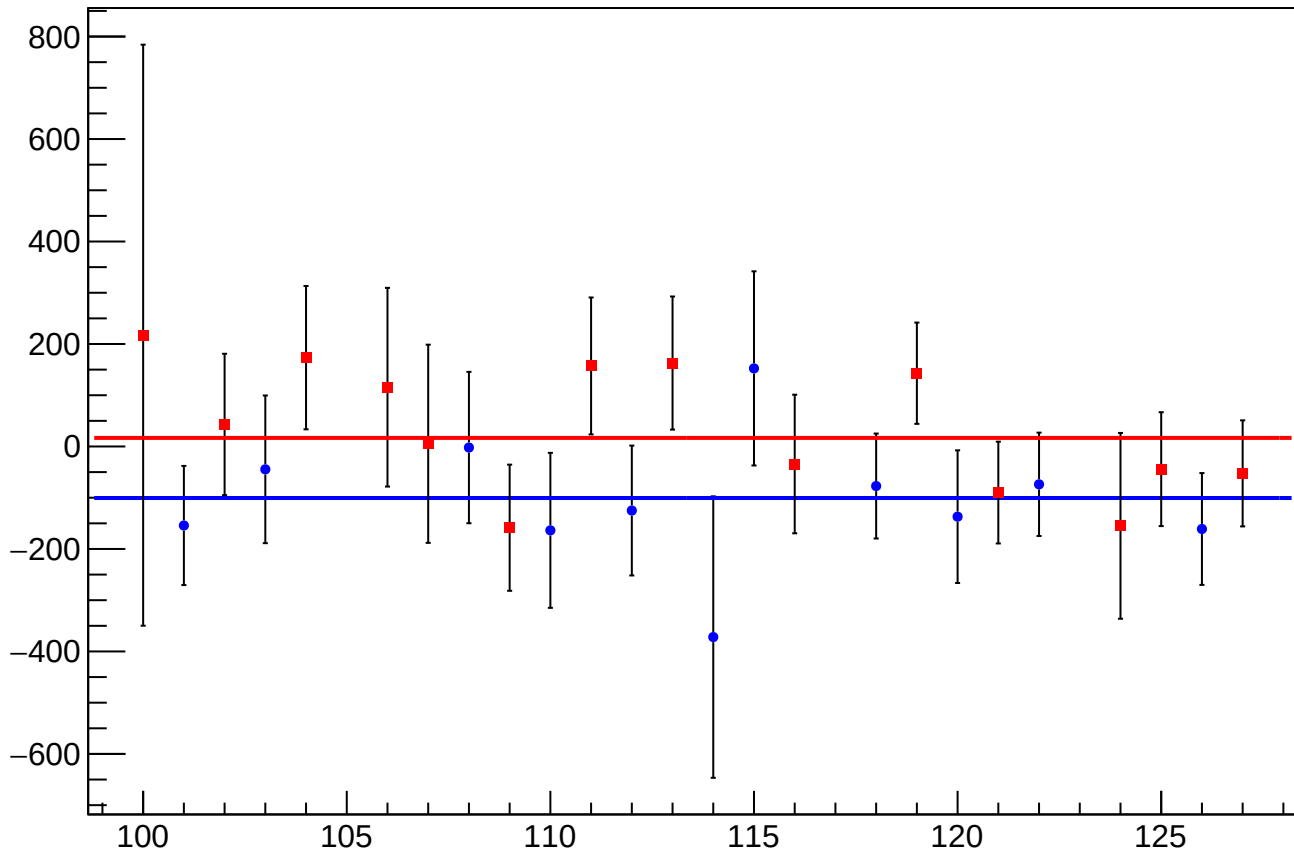
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 880.736+/-0.202 χ^2/NDF : 868311.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_26_dd_mean vs Slug



Right In: -100.542 $\pm$ 39.151 χ^2 /NDF: 4.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.739 $\pm$ 35.255 χ^2 /NDF: 10.6/13

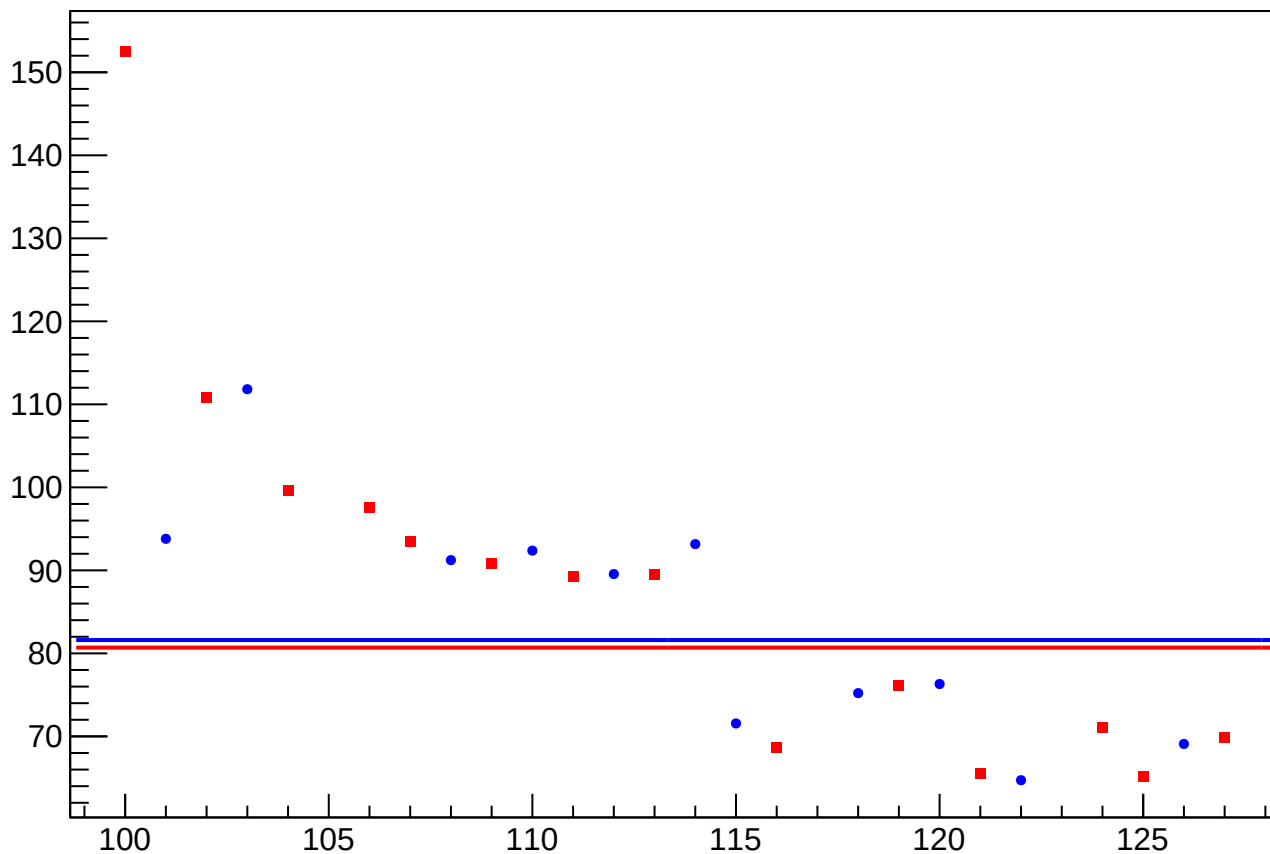
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -35.776 $\pm$ 26.198 χ^2 /NDF: 19.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_15_26_dd_rms vs Slug



Right In: 81.607 $\pm$ 0.028 χ^2 /NDF: 239114.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 80.695 $\pm$ 0.025 χ^2 /NDF: 351856.1/13

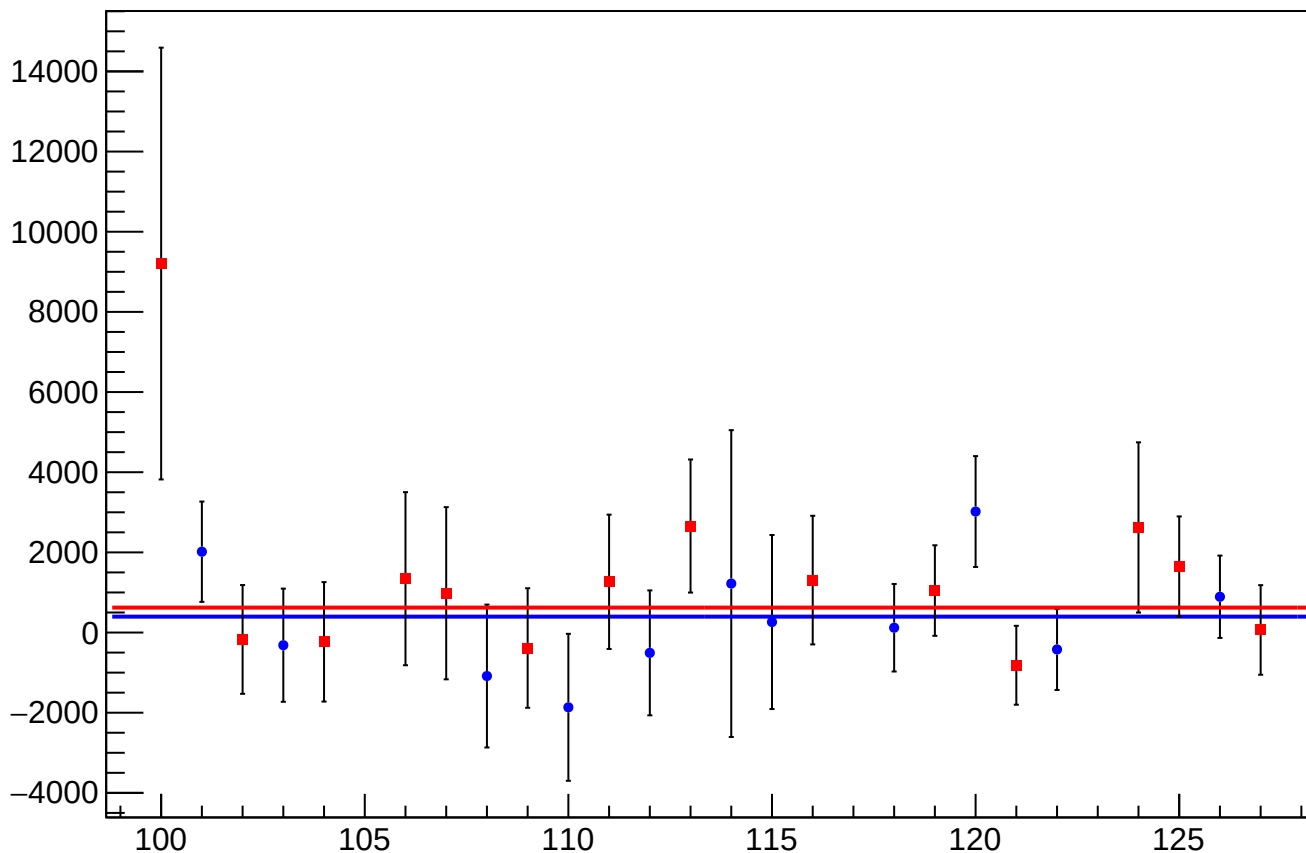
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 81.103 $\pm$ 0.019 χ^2 /NDF: 591570.1/24

- 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: 396.780 $\pm$ 417.599 χ^2 /NDF: 9.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 622.381 $\pm$ 392.297 χ^2 /NDF: 9.7/13

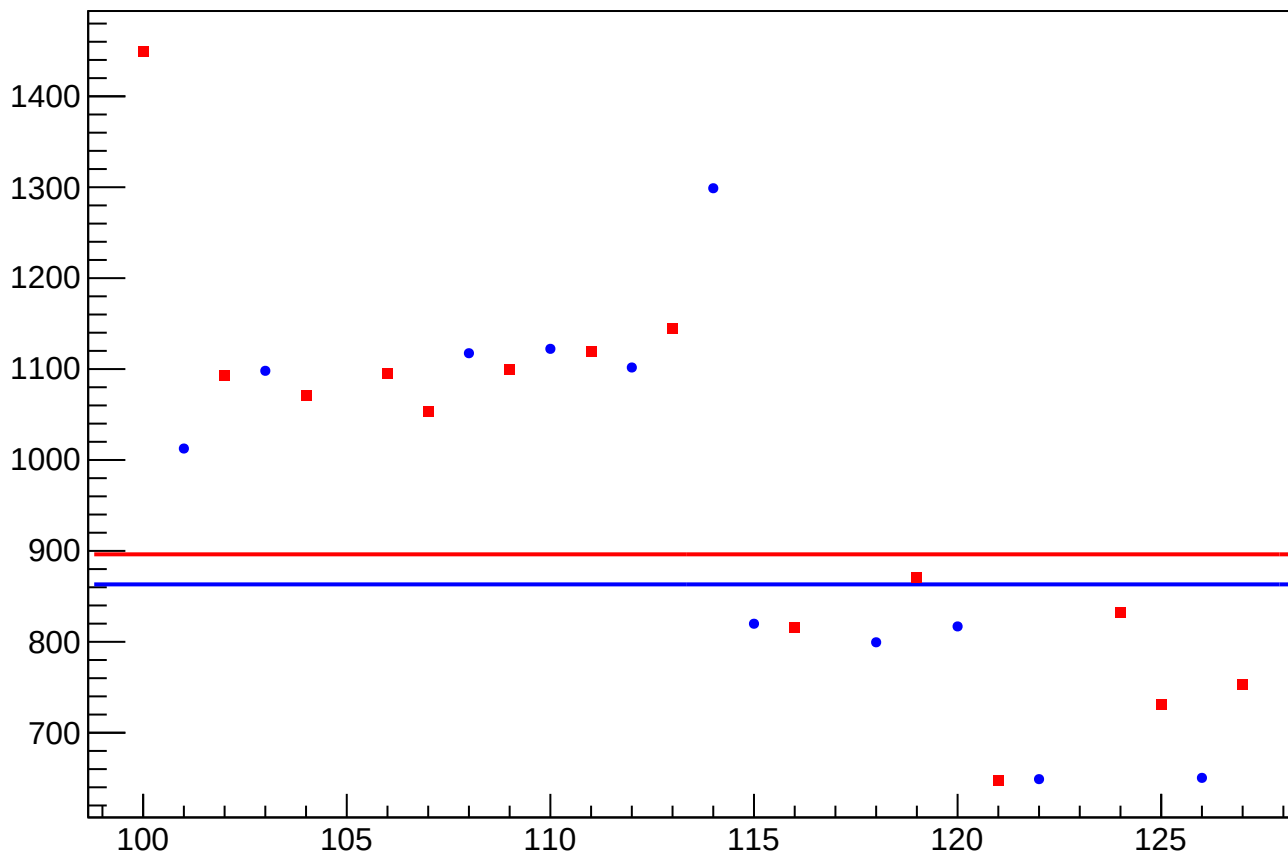
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 516.621 $\pm$ 285.923 χ^2 /NDF: 19.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_eigen_cor_correction_rms vs Slug



Right In: 863.178+/-0.295 χ^2/NDF : 422925.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 896.231+/-0.277 χ^2/NDF : 438730.4/13

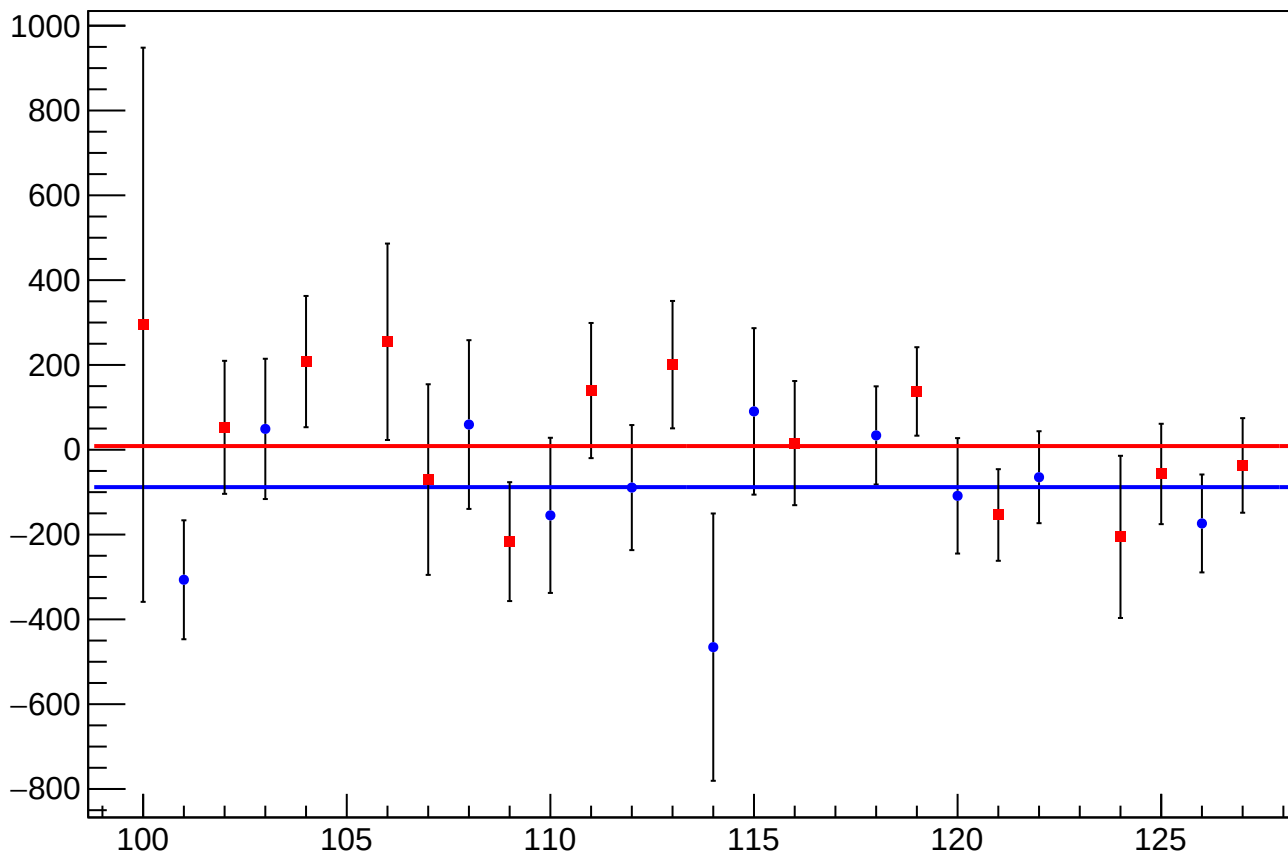
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 880.736+/-0.202 χ^2/NDF : 868311.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_26_dd_mean vs Slug



Right In: -88.133 $\pm$ 44.139 χ^2 /NDF: 7.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8.694 $\pm$ 38.892 χ^2 /NDF: 13.6/13

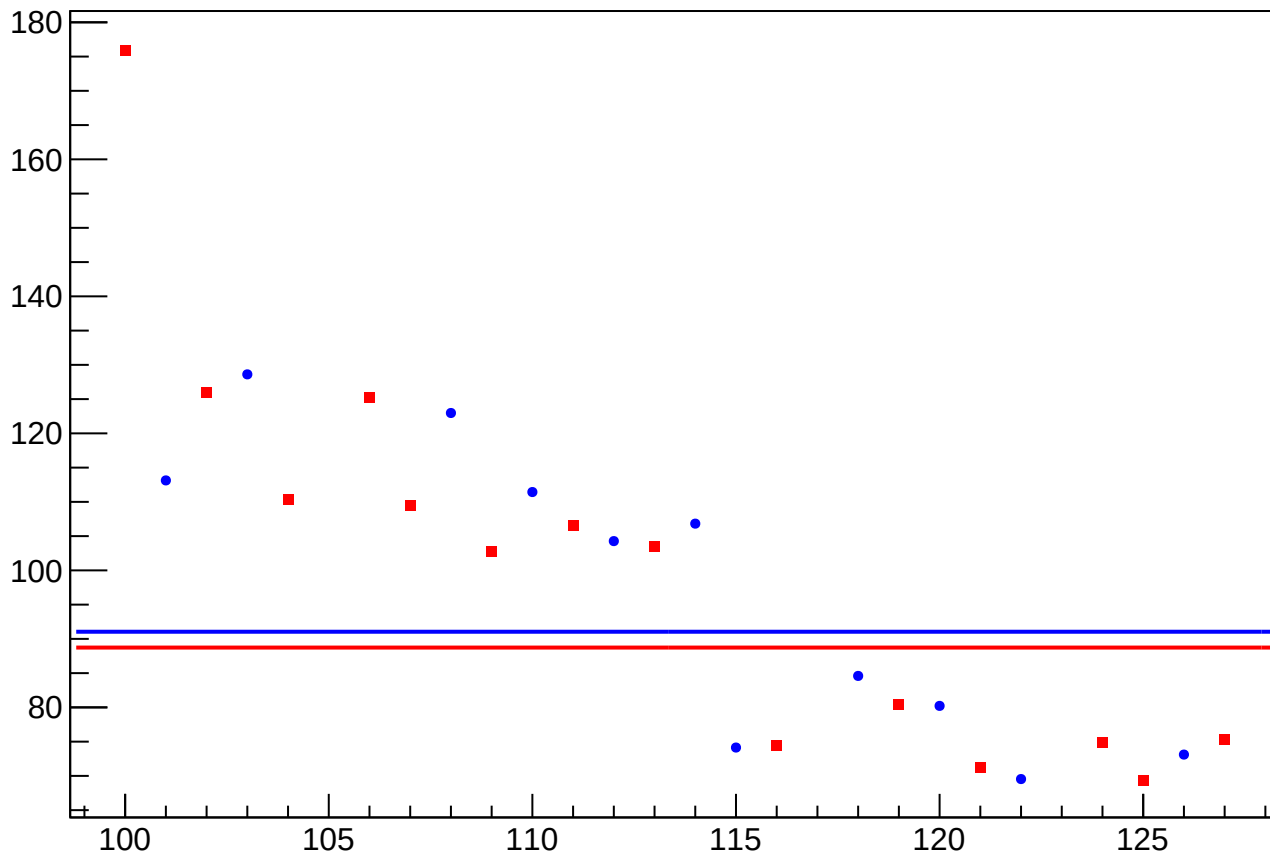
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -33.625 $\pm$ 29.181 χ^2 /NDF: 24.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_15_26_dd_rms vs Slug



Right In: 91.043+/-0.031 χ^2/NDF : 410883.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.732+/-0.028 χ^2/NDF : 495618.6/13

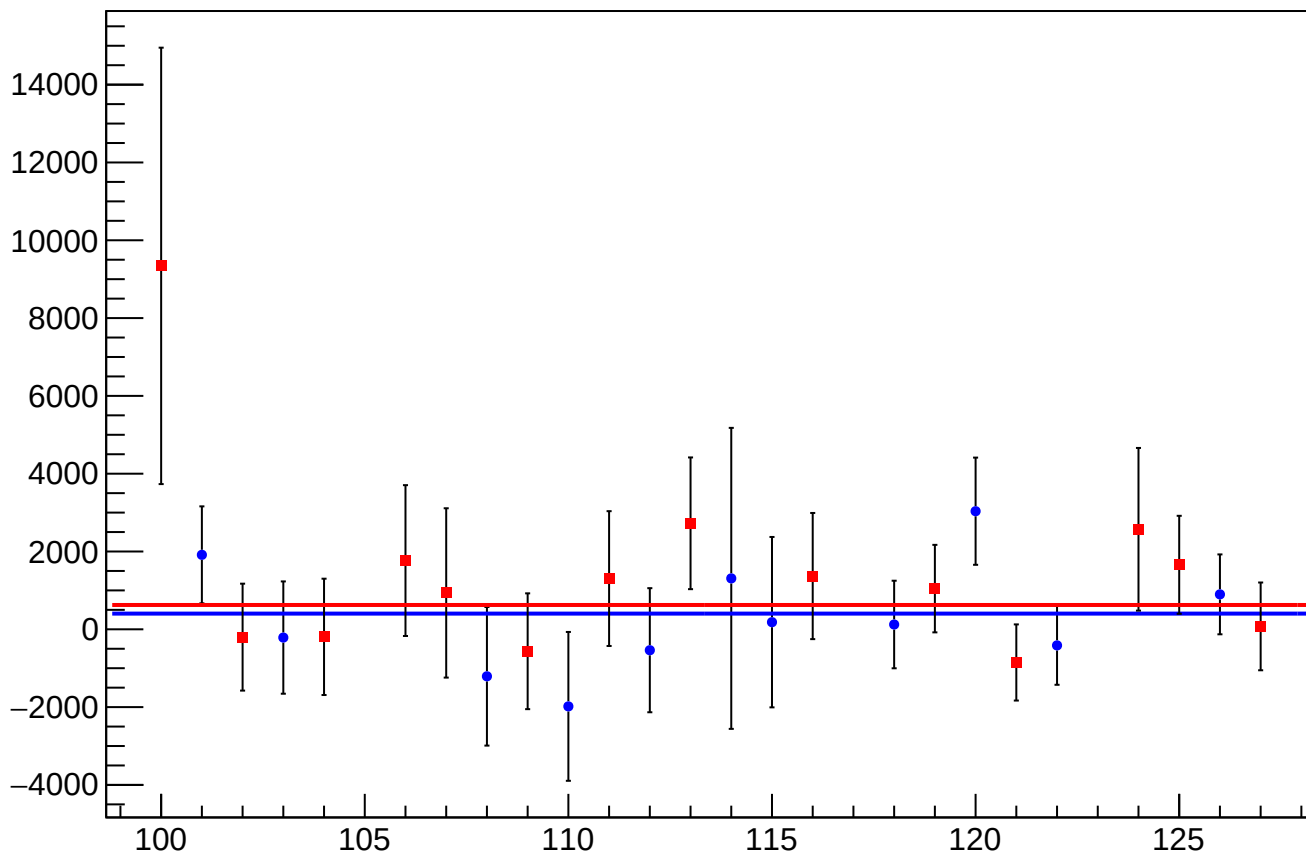
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.742+/-0.021 χ^2/NDF : 909587.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_dit_correction_mean vs Slug



Right In: 403.578+/-421.795 χ^2/NDF : 9.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 625.415+/-392.844 χ^2/NDF : 10.2/13

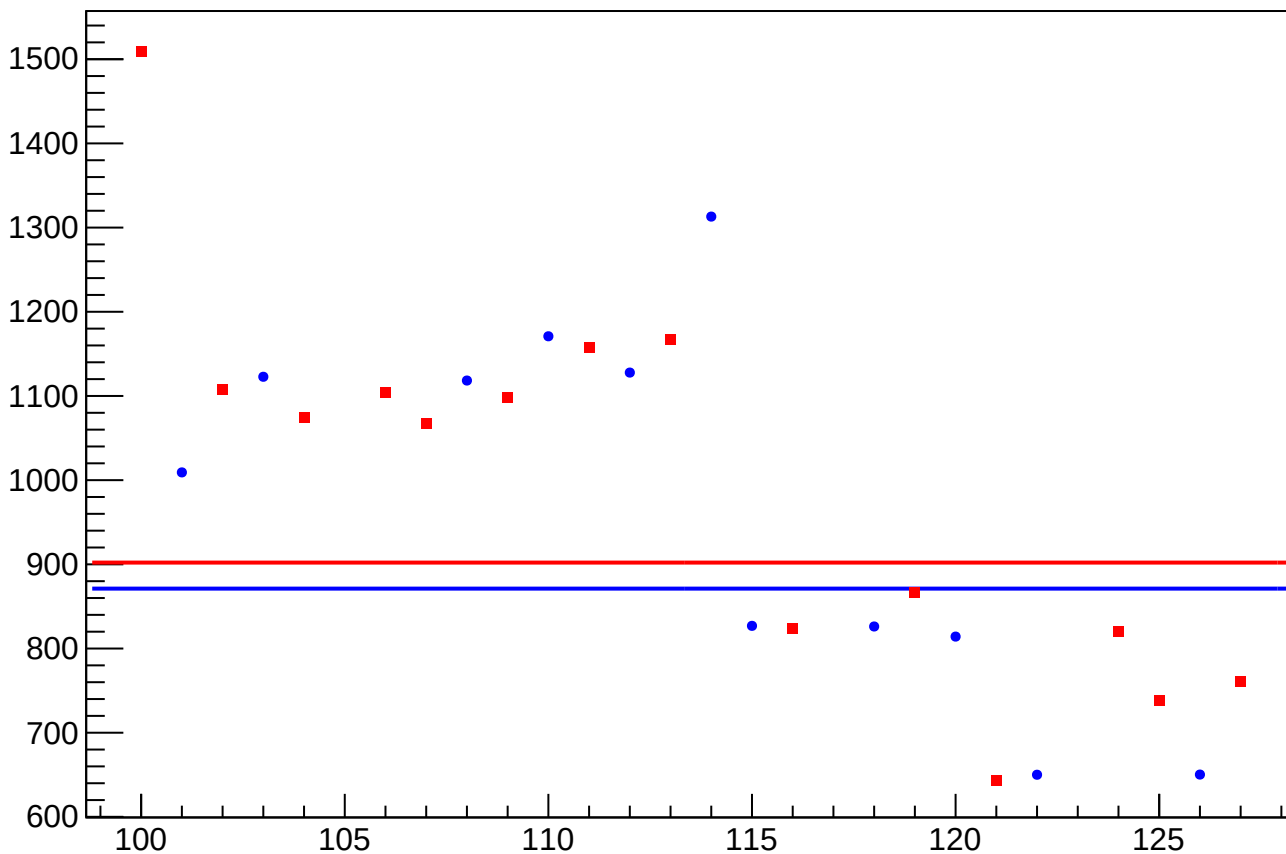
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 522.370+/-287.473 χ^2/NDF : 19.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_dit_correction_rms vs Slug



Right In: 871.168+/-0.298 χ^2/NDF : 446114.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 902.088+/-0.278 χ^2/NDF : 469743.6/13

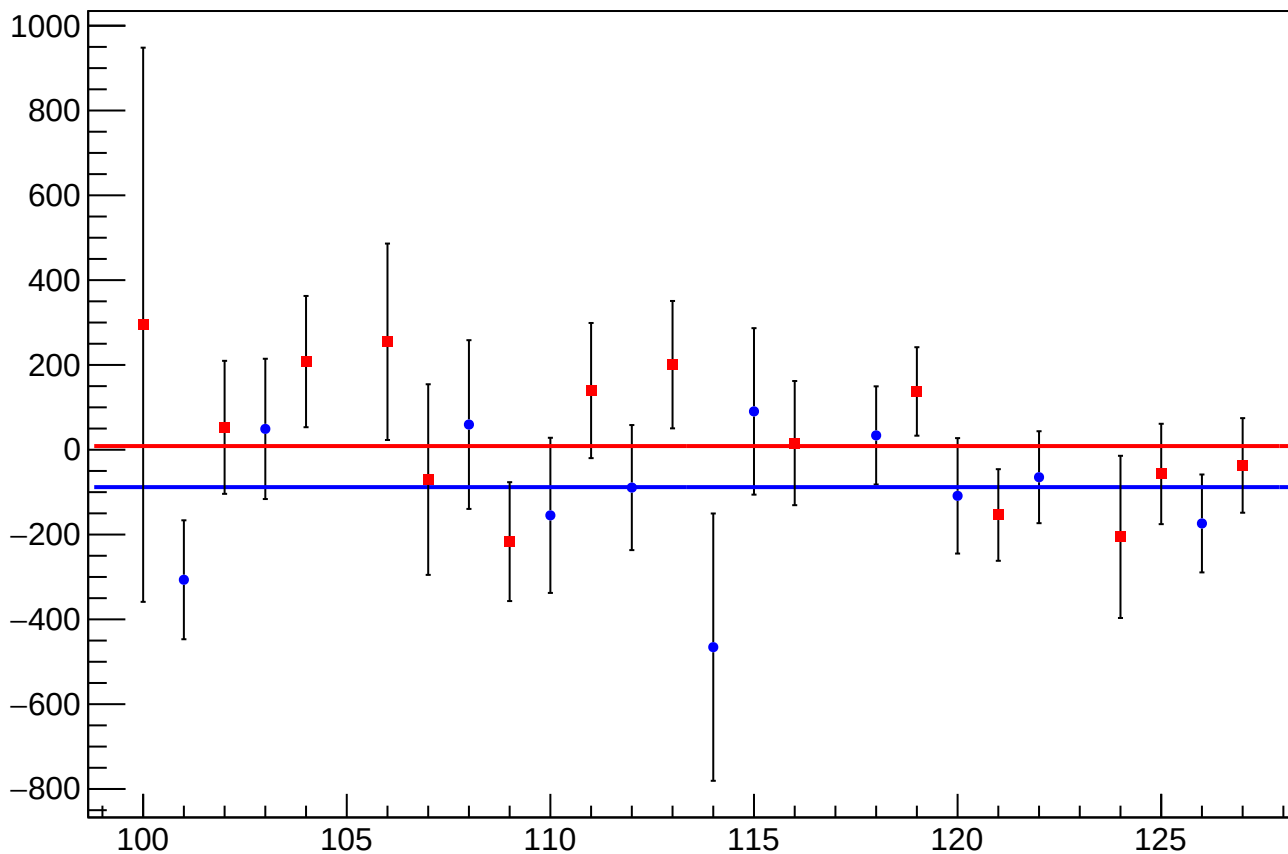
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 887.725+/-0.203 χ^2/NDF : 921613.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_15_26_dd_mean vs Slug



Right In: -88.134 $\pm$ 44.139 χ^2 /NDF: 7.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 8.693 $\pm$ 38.892 χ^2 /NDF: 13.6/13

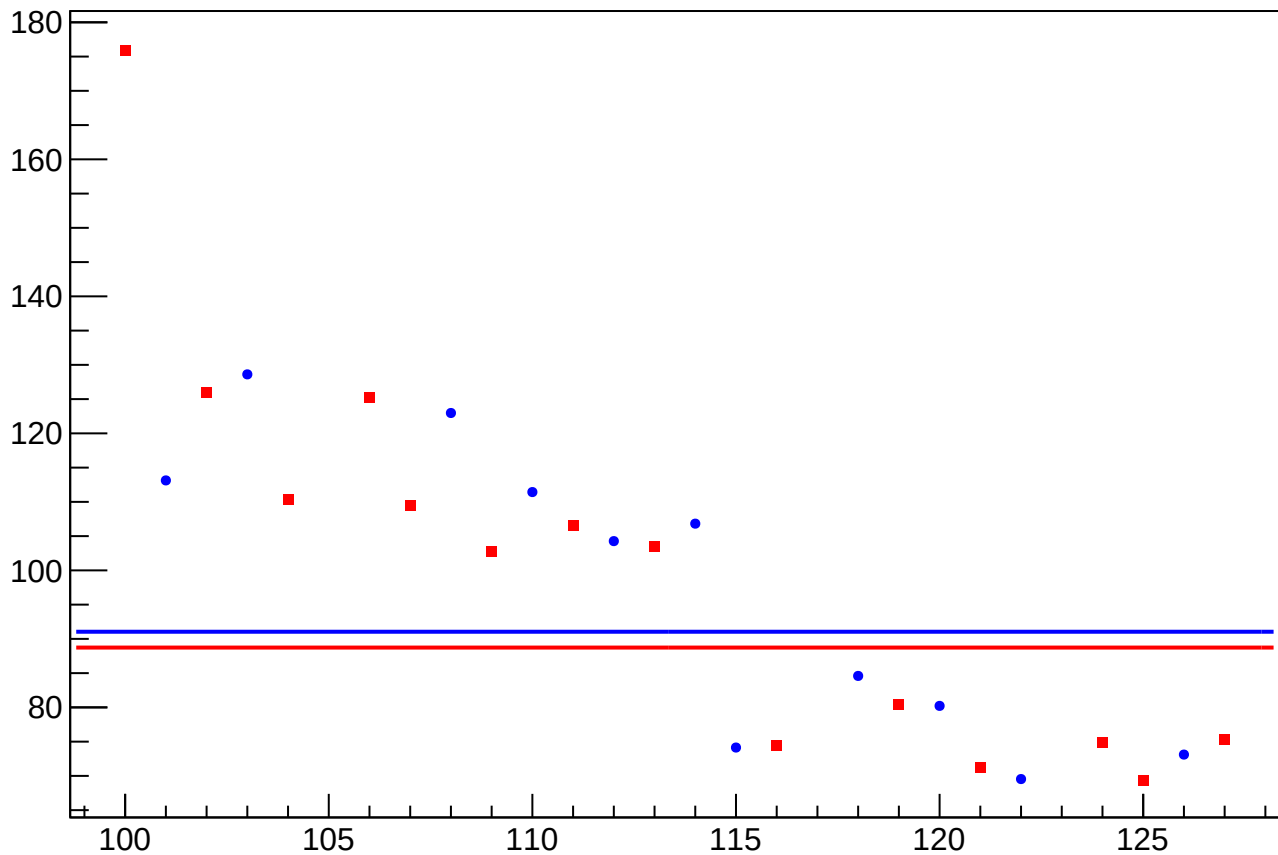
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -33.626 $\pm$ 29.181 χ^2 /NDF: 24.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_15_26_dd_rms vs Slug



Right In: 91.043+/-0.031 χ^2/NDF : 410868.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.732+/-0.028 χ^2/NDF : 495601.0/13

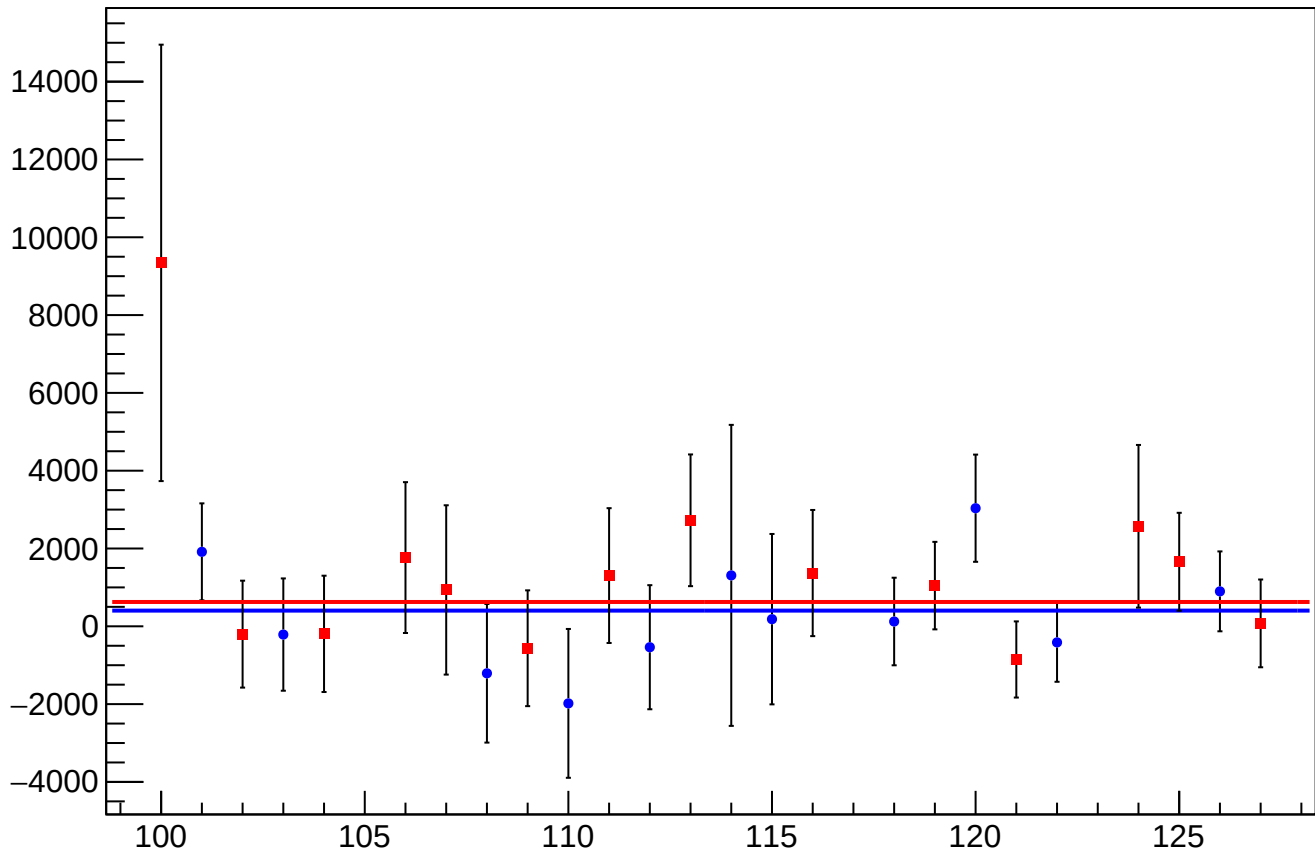
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.742+/-0.021 χ^2/NDF : 909555.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_eigen_dit_correction_mean vs Slug



Right In: 403.577+/-421.794 χ^2/NDF : 9.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 625.414+/-392.844 χ^2/NDF : 10.2/13

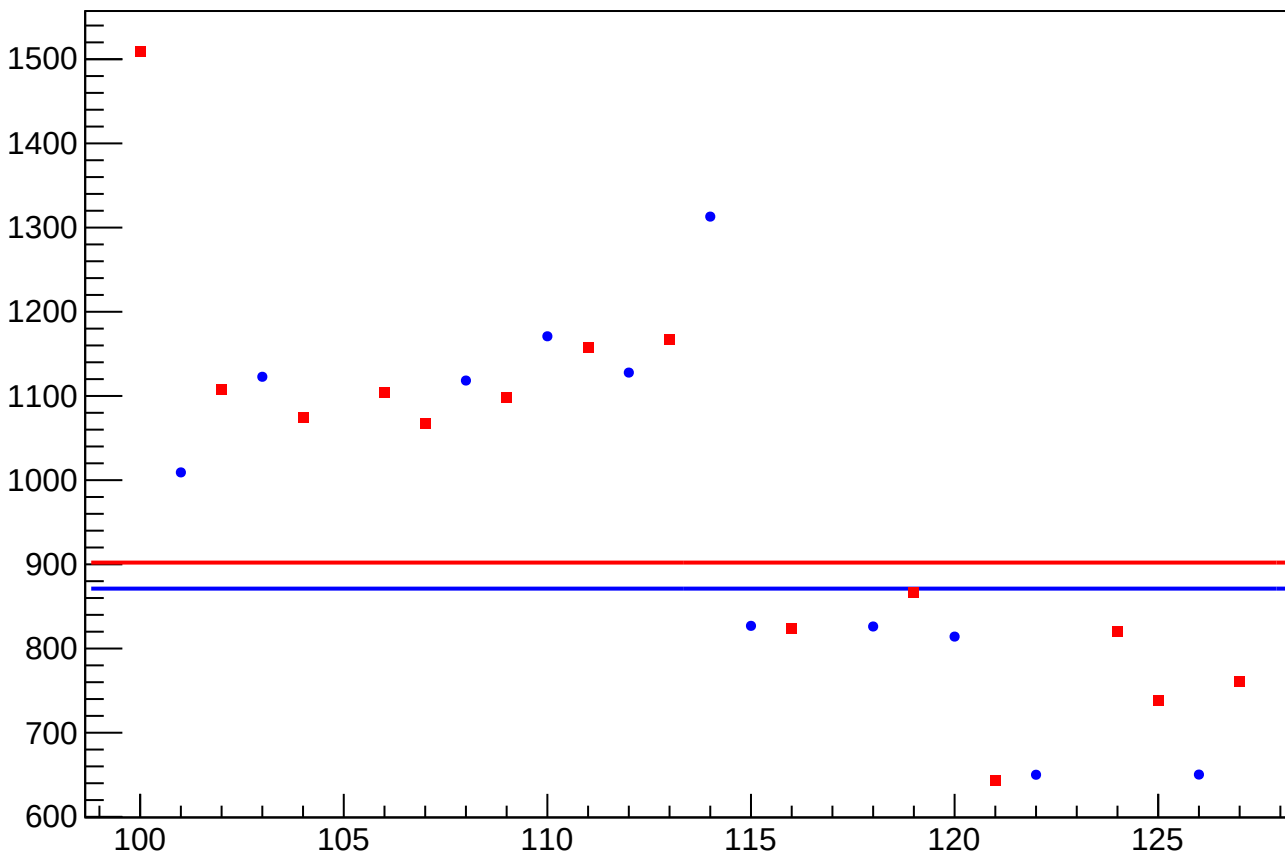
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 522.369+/-287.473 χ^2/NDF : 19.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_eigen_dit_correction_rms vs Slug



Right In: 871.167+/-0.298 χ^2/NDF : 446106.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 902.086+/-0.278 χ^2/NDF : 469737.5/13

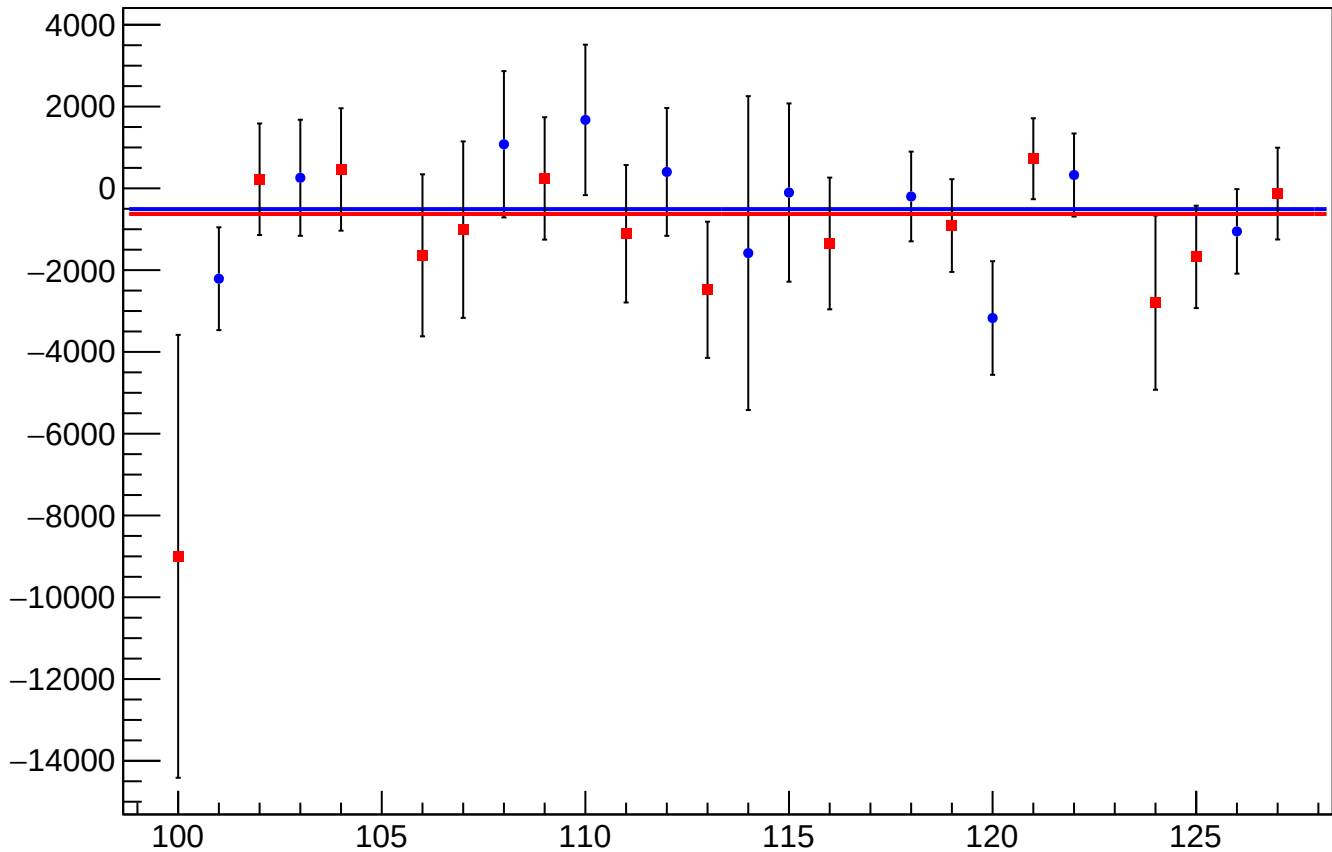
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 887.724+/-0.203 χ^2/NDF : 921599.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_mean vs Slug



Right In: -507.518+/-419.558 χ^2 /NDF: 9.5/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -627.359+/-392.676 χ^2 /NDF: 9.3/13

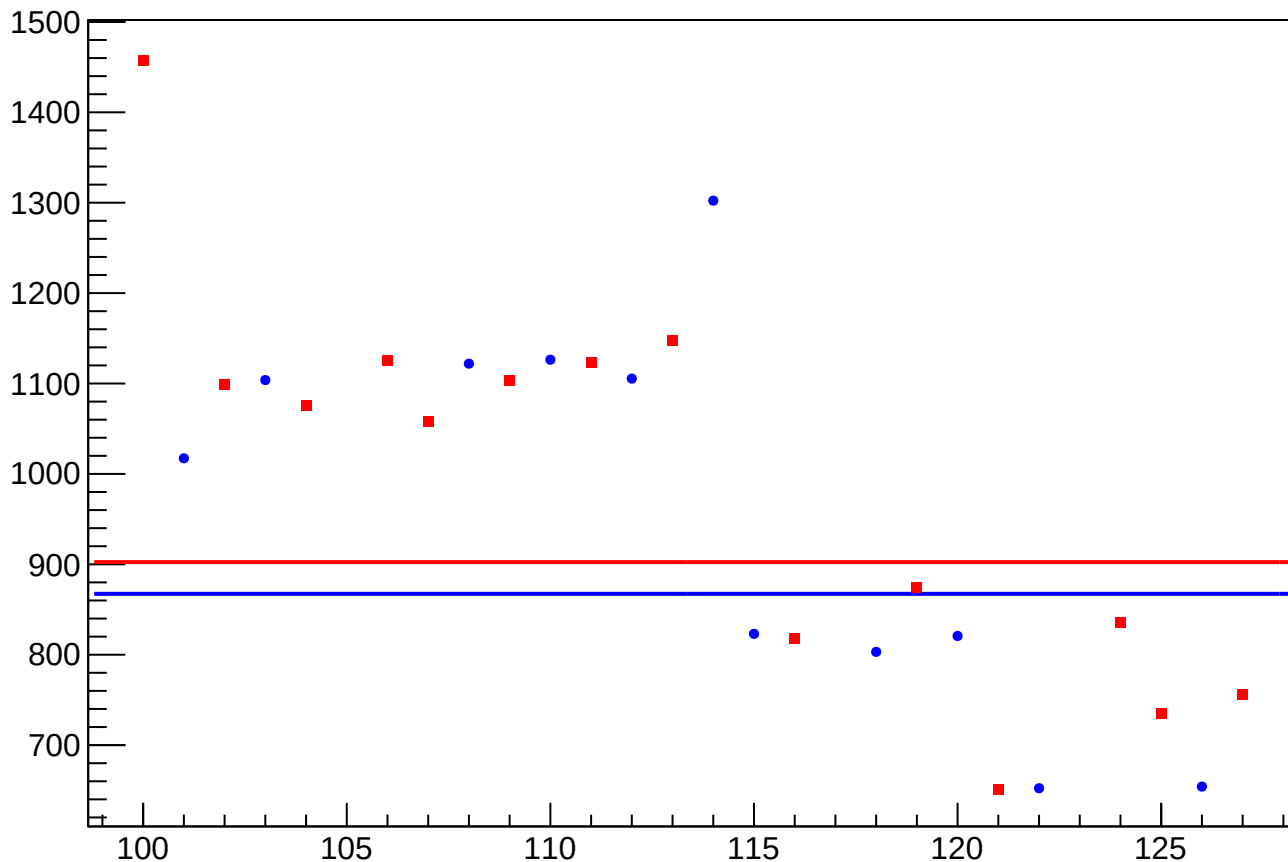
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -571.401+/-286.696 χ^2 /NDF: 18.8/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_rms vs Slug



Right In: 867.347+/-0.297 χ^2/NDF : 420941.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 902.427+/-0.278 χ^2/NDF : 446394.4/13

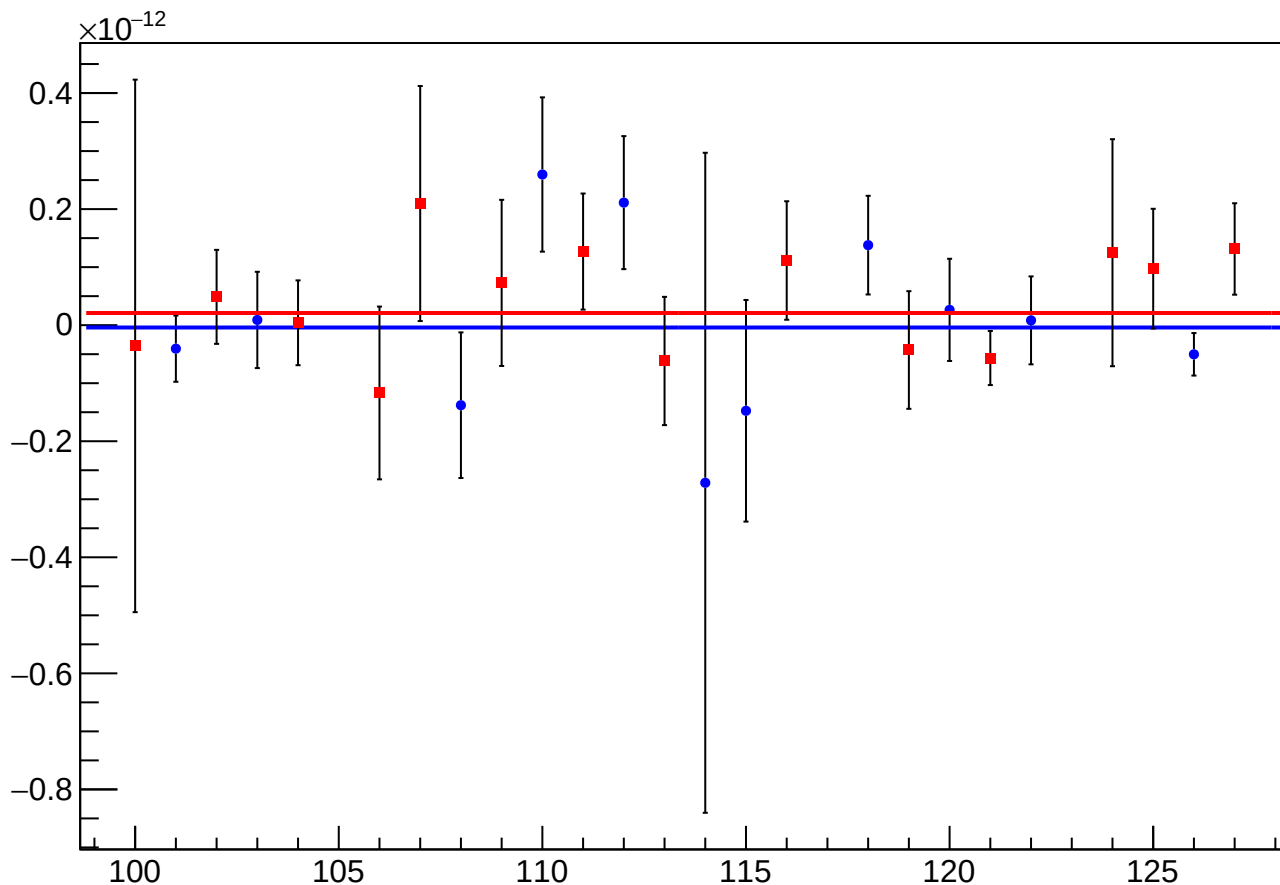
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 886.047+/-0.203 χ^2/NDF : 874788.8/24

- sign 0.000+/-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: 14.3/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 10.5/13

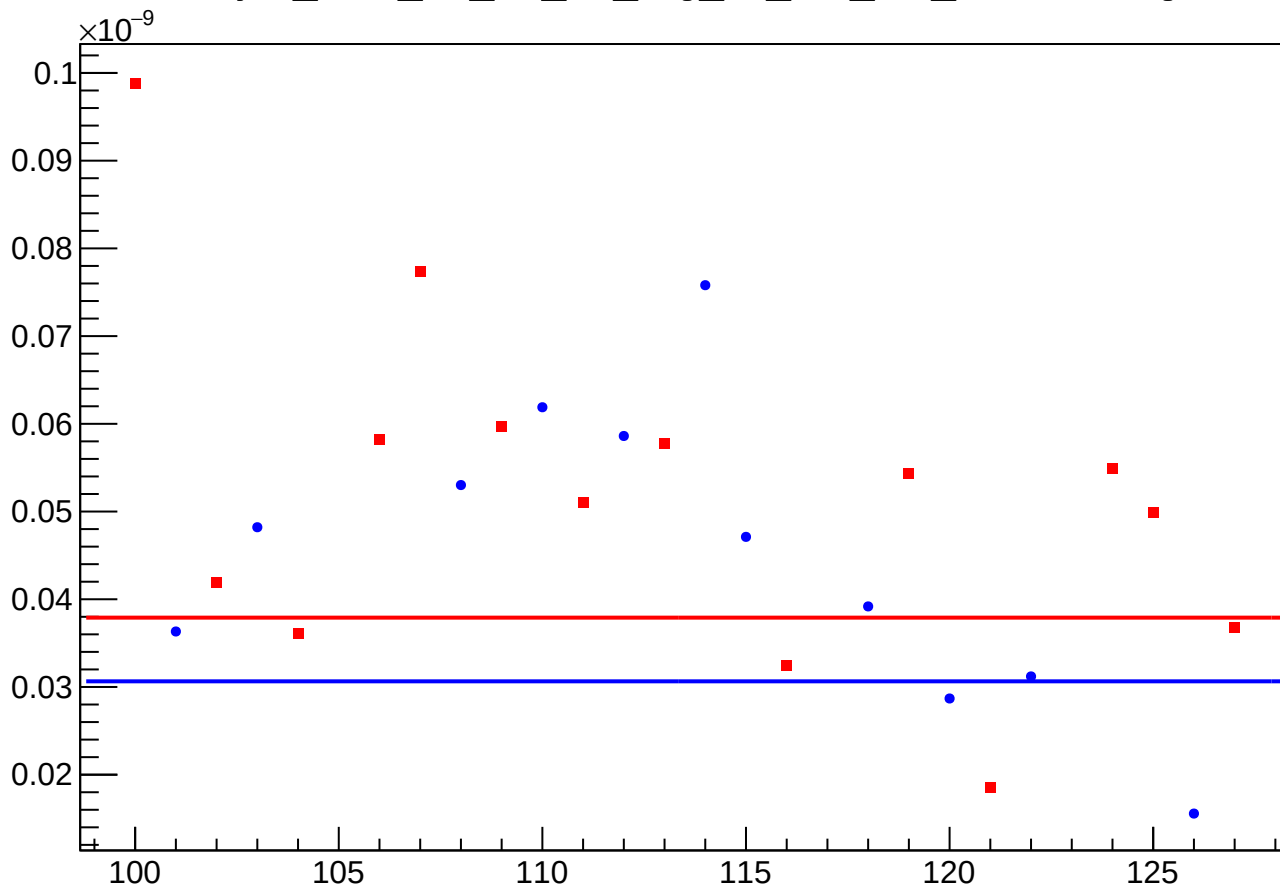
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 25.3/24

- 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 : 790063.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 745709.5/13

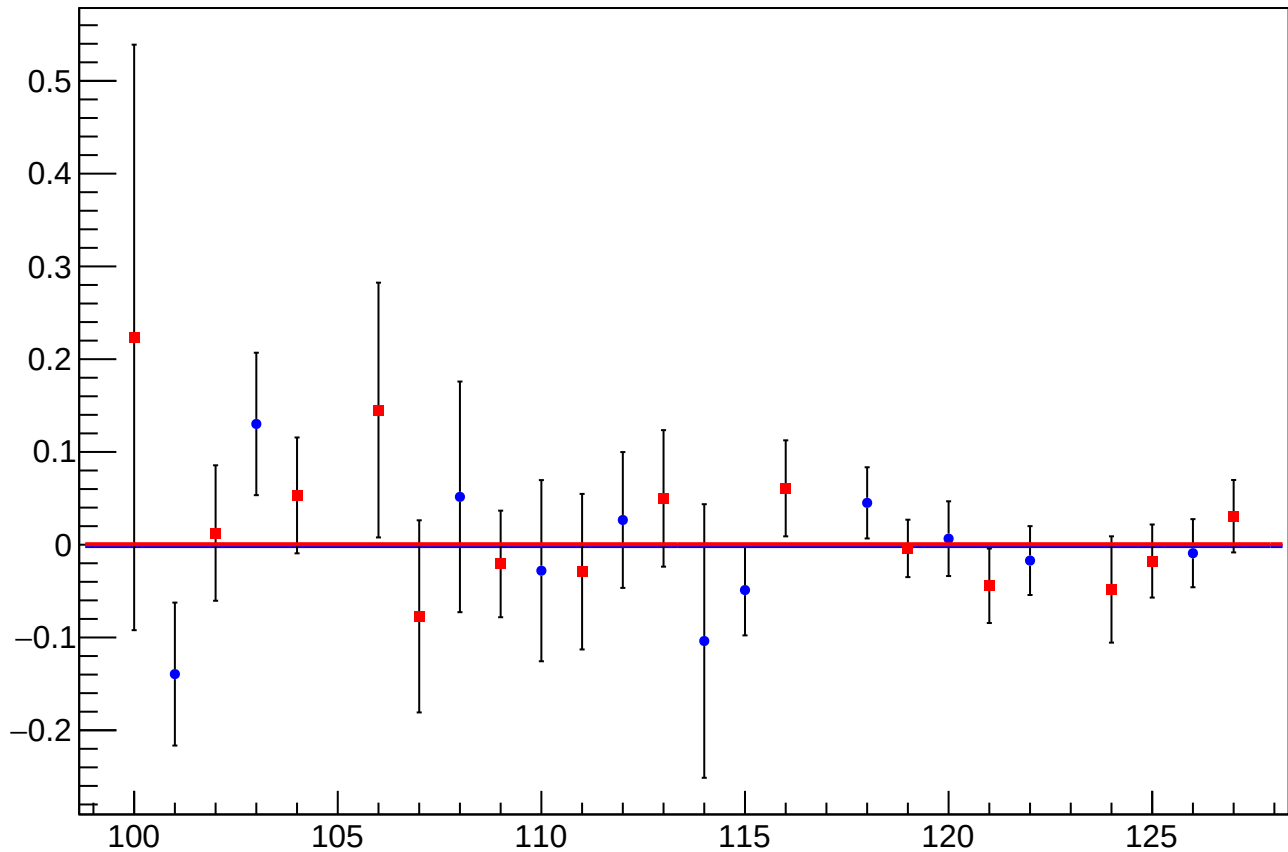
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1625941.2/24

- 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: -0.001 $\pm$ 0.016 χ^2 /NDF: 9.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.014 χ^2 /NDF: 7.8/13

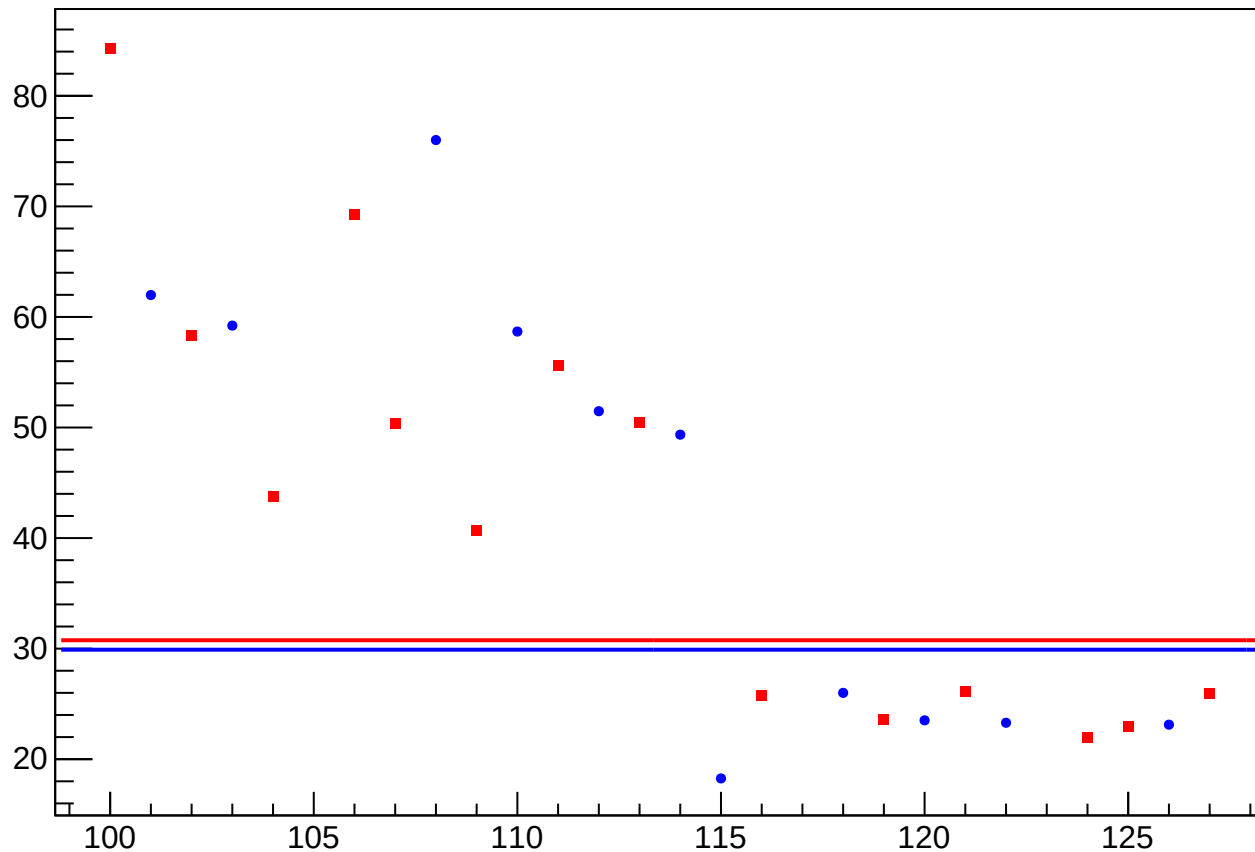
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.011 χ^2 /NDF: 17.5/24

- 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: 29.904+/-0.011 χ^2/NDF : 1611566.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.759+/-0.010 χ^2/NDF : 1344259.4/13

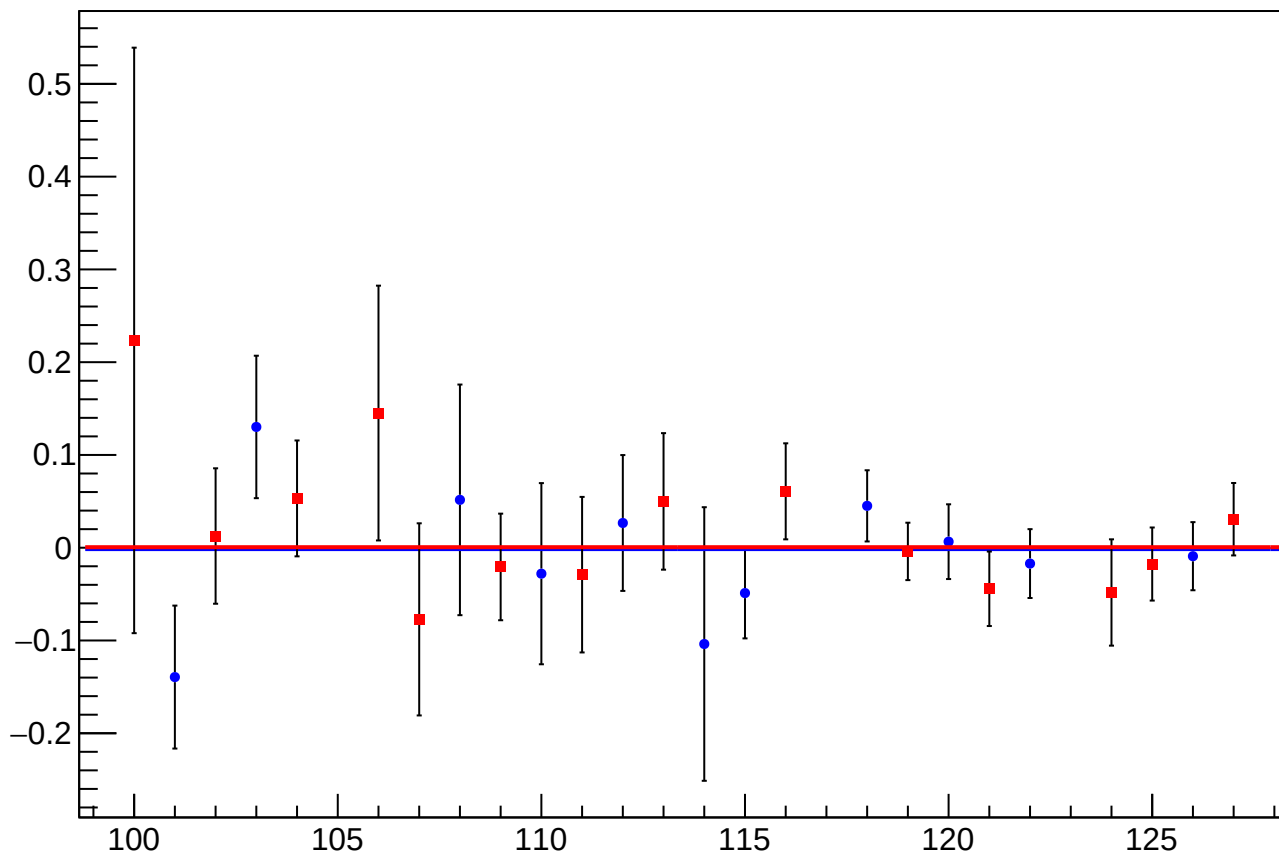
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.378+/-0.008 χ^2/NDF : 2958998.5/24

- 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: -0.001 $\pm$ 0.016 χ^2 /NDF: 9.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.014 χ^2 /NDF: 7.8/13

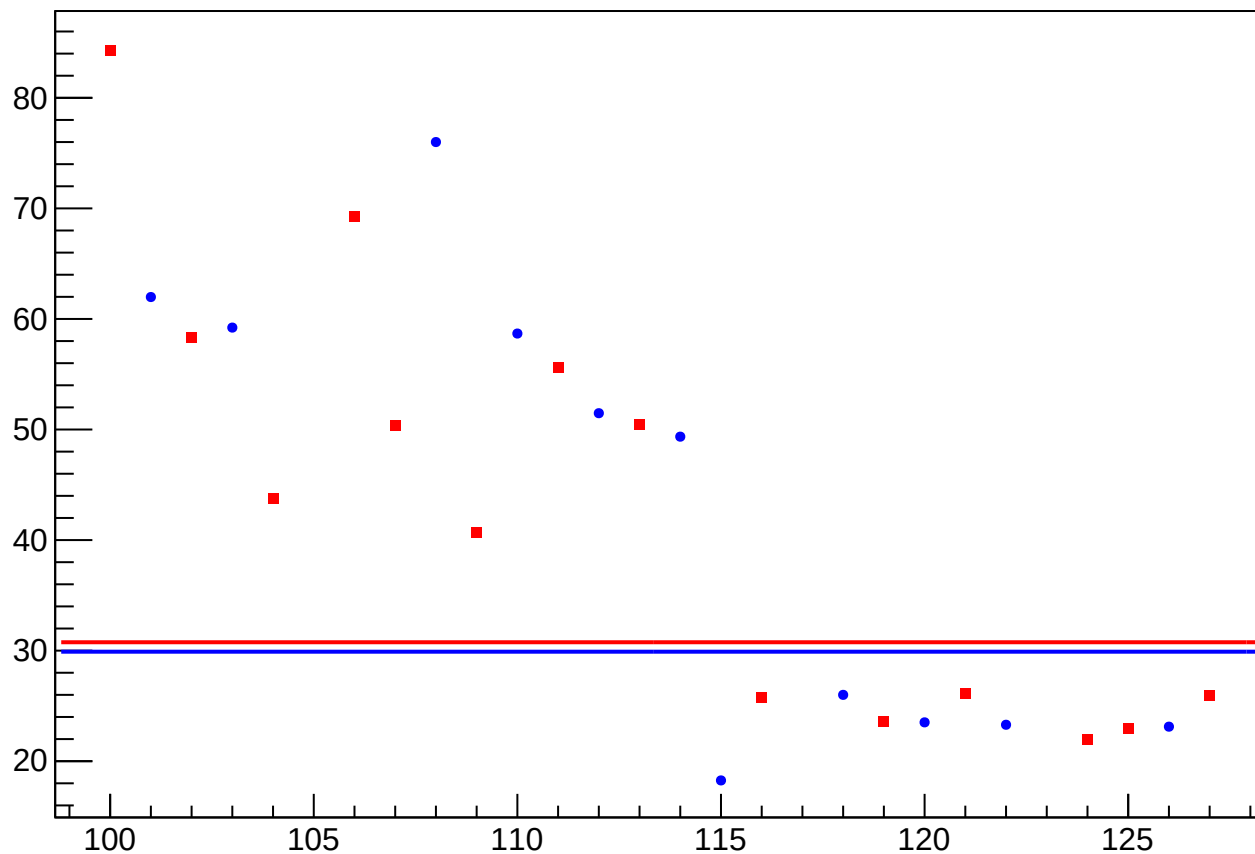
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.011 χ^2 /NDF: 17.5/24

- 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: 29.904+/-0.011 χ^2/NDF : 1611566.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.759+/-0.010 χ^2/NDF : 1344259.4/13

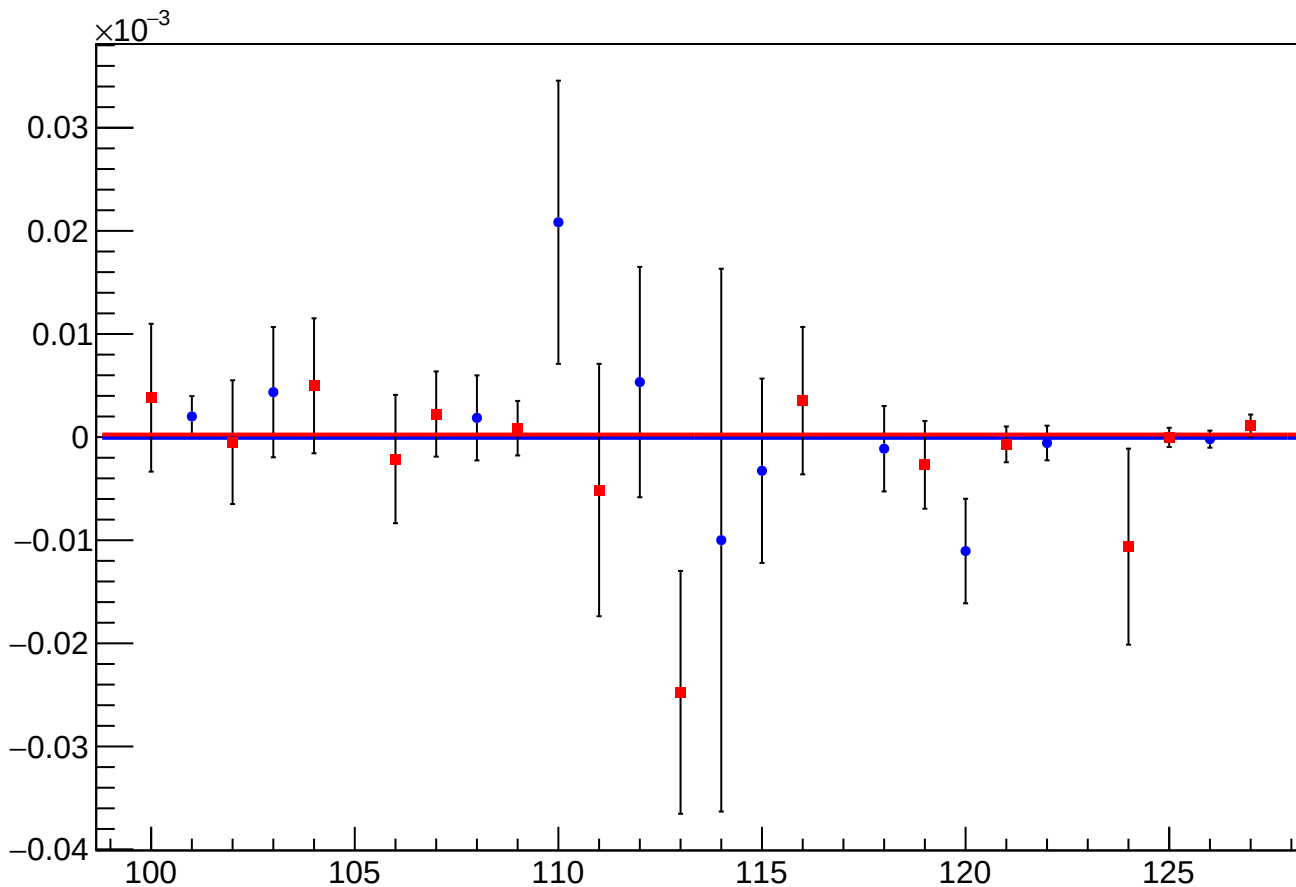
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.378+/-0.008 χ^2/NDF : 2958998.5/24

- 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: 9.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.0/13

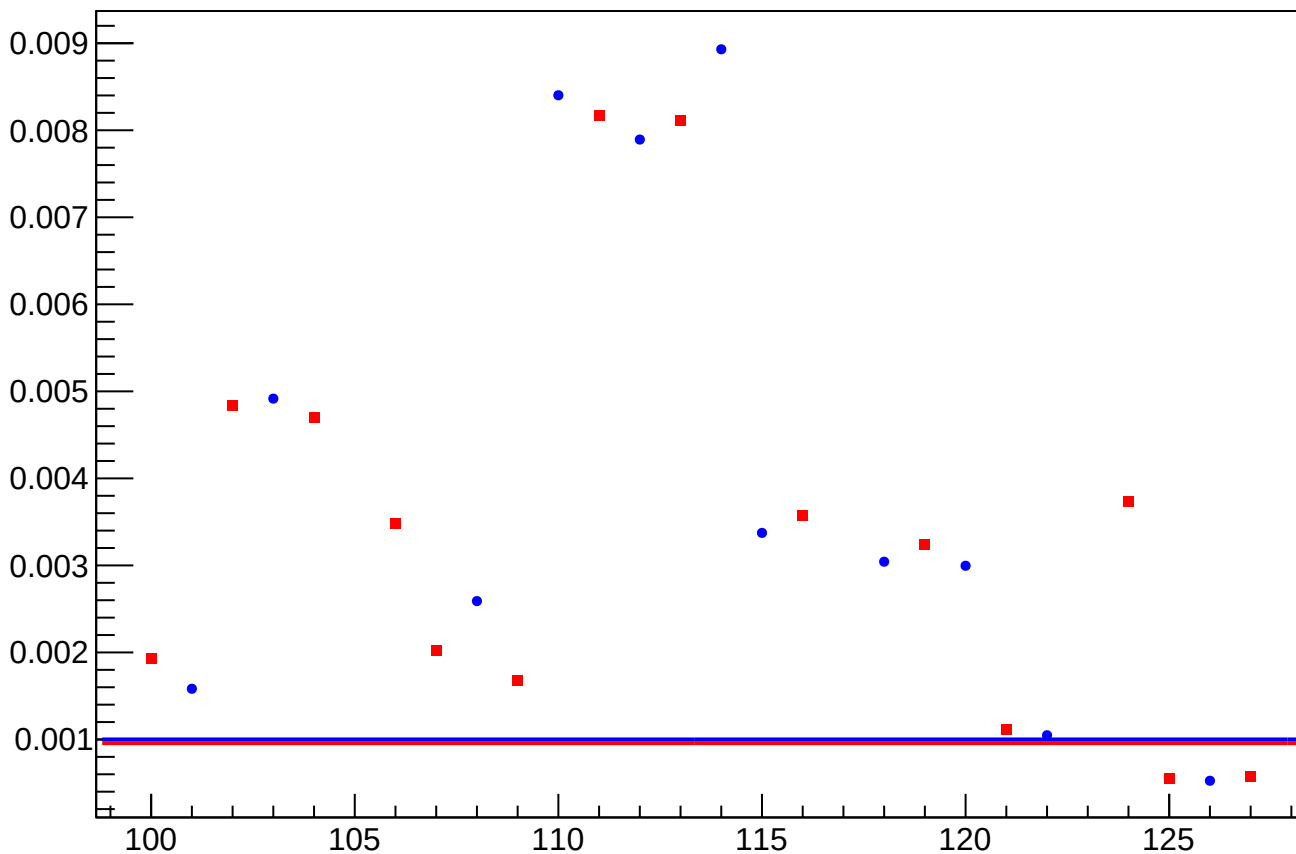
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.6/24

- 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: 0.001+/-0.000 χ^2/NDF : 4356083.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 5238525.1/13

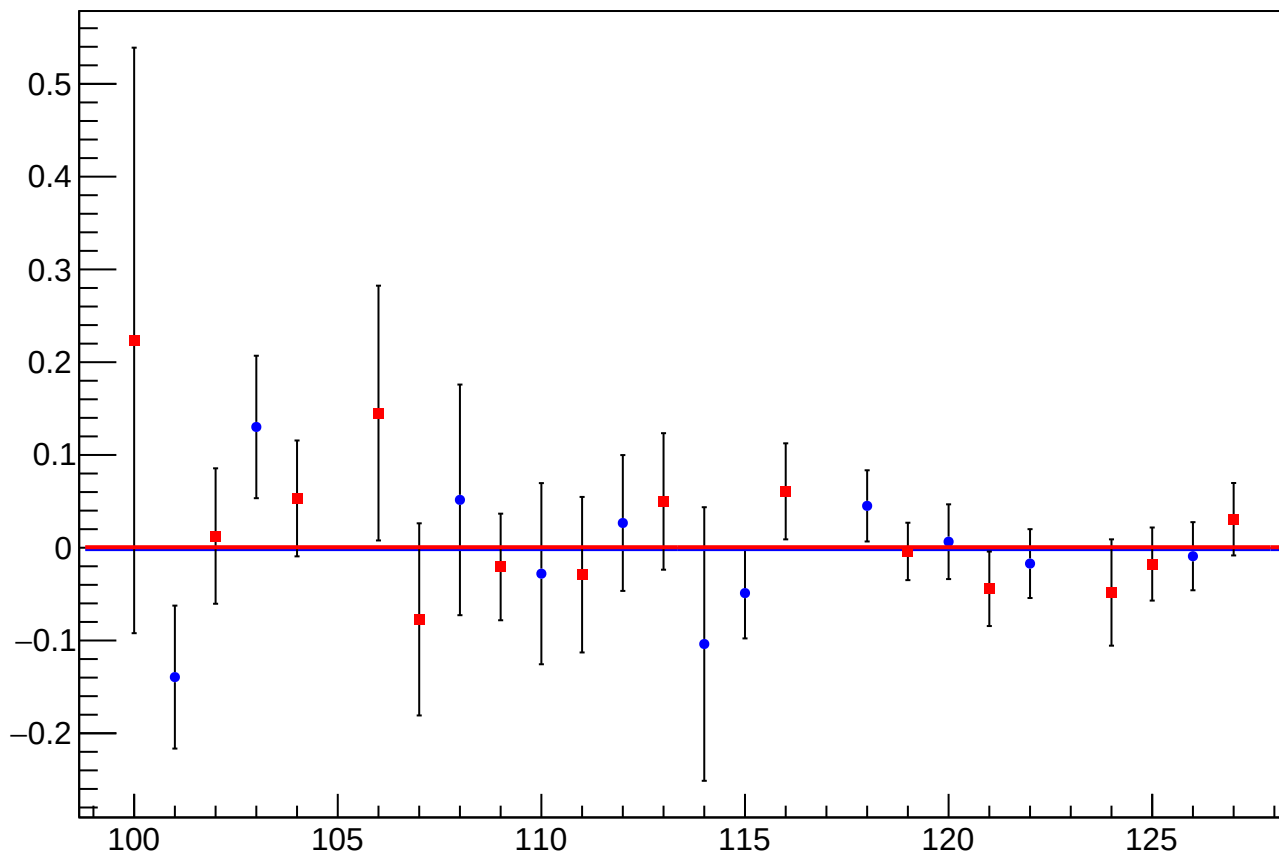
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 9599135.3/24

- 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: -0.001 $\pm$ 0.016 χ^2 /NDF: 9.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.014 χ^2 /NDF: 7.8/13

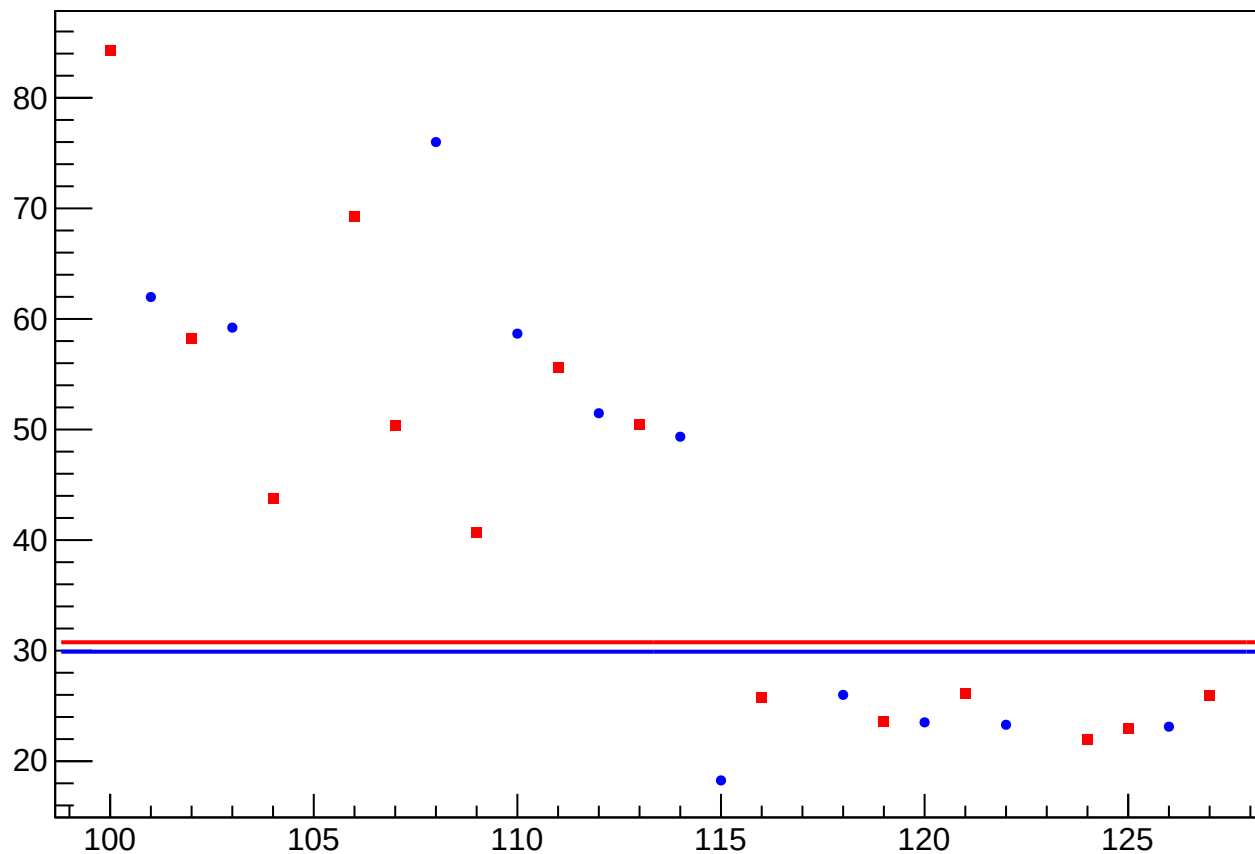
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.011 χ^2 /NDF: 17.5/24

- 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: 29.905+/-0.011 χ^2/NDF : 1611434.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.759+/-0.010 χ^2/NDF : 1344133.1/13

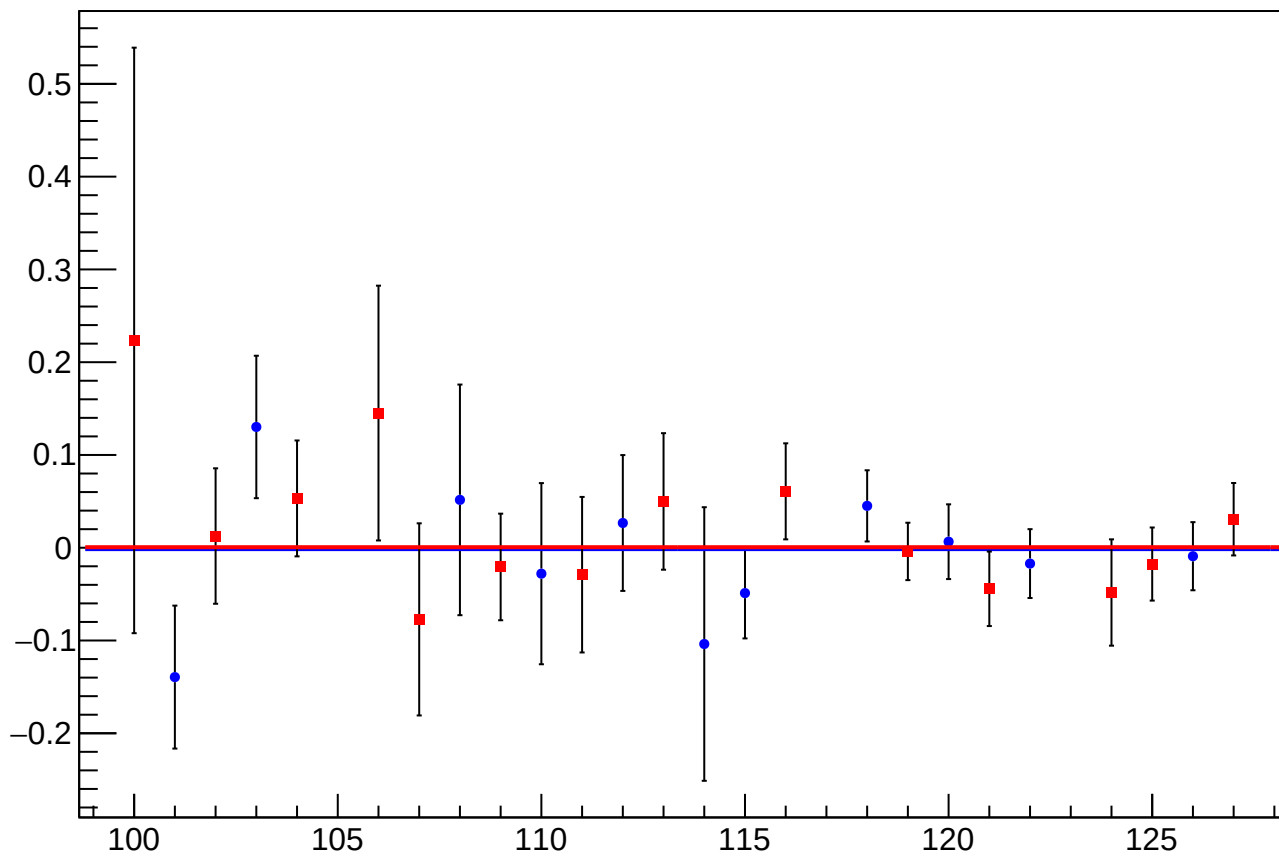
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.378+/-0.008 χ^2/NDF : 2958739.0/24

- 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: -0.001 $\pm$ 0.016 χ^2 /NDF: 9.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.014 χ^2 /NDF: 7.8/13

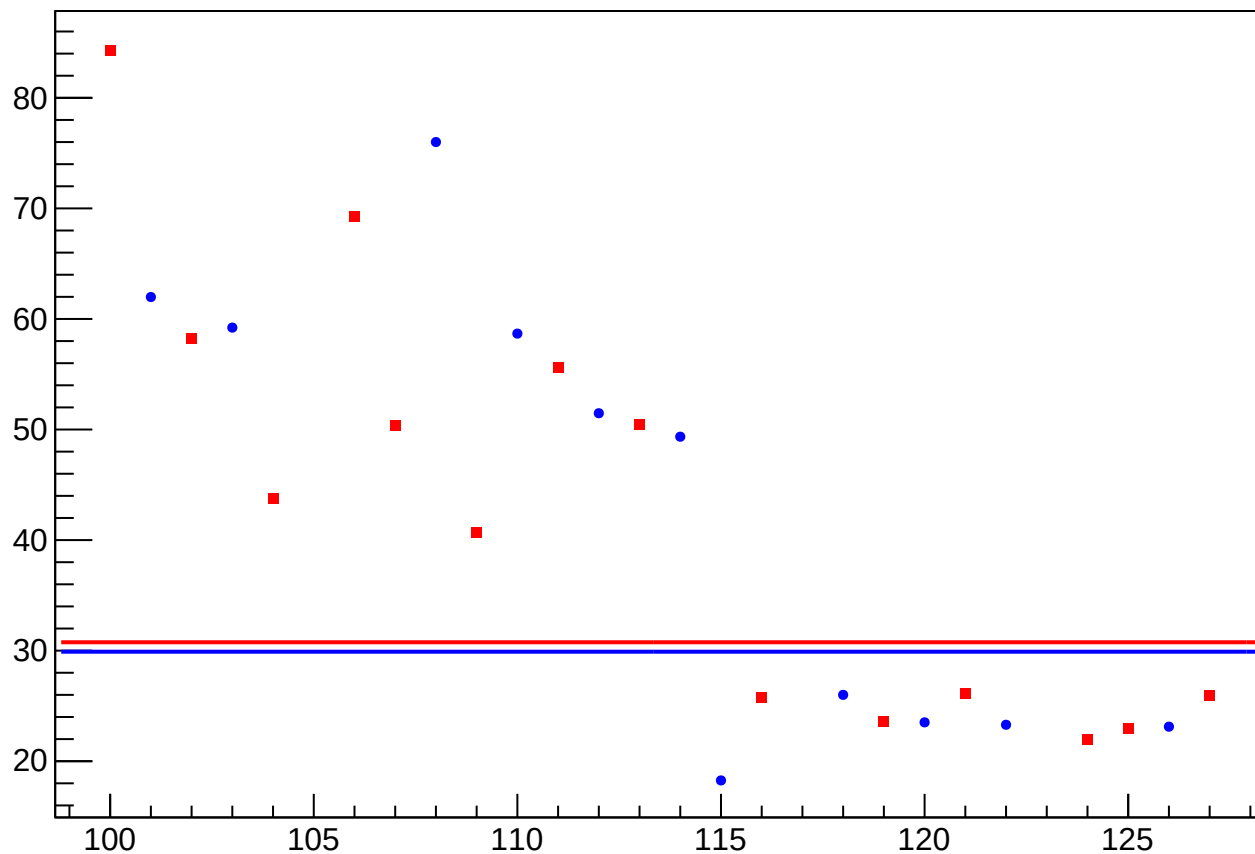
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.011 χ^2 /NDF: 17.5/24

- 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: 29.905+/-0.011 χ^2/NDF : 1611434.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.759+/-0.010 χ^2/NDF : 1344133.1/13

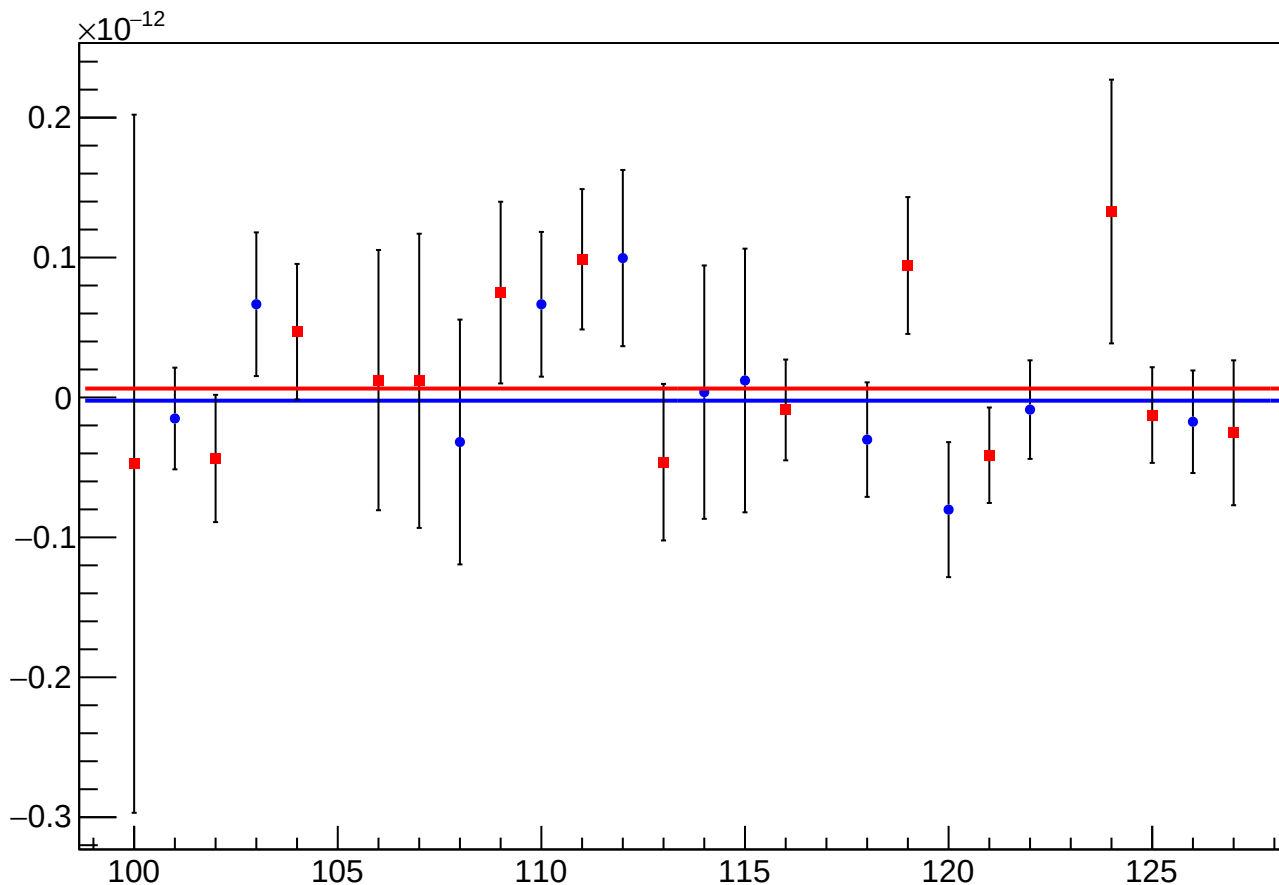
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.378+/-0.008 χ^2/NDF : 2958739.0/24

- 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+/-0.000 χ^2/NDF : 9.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.2/13

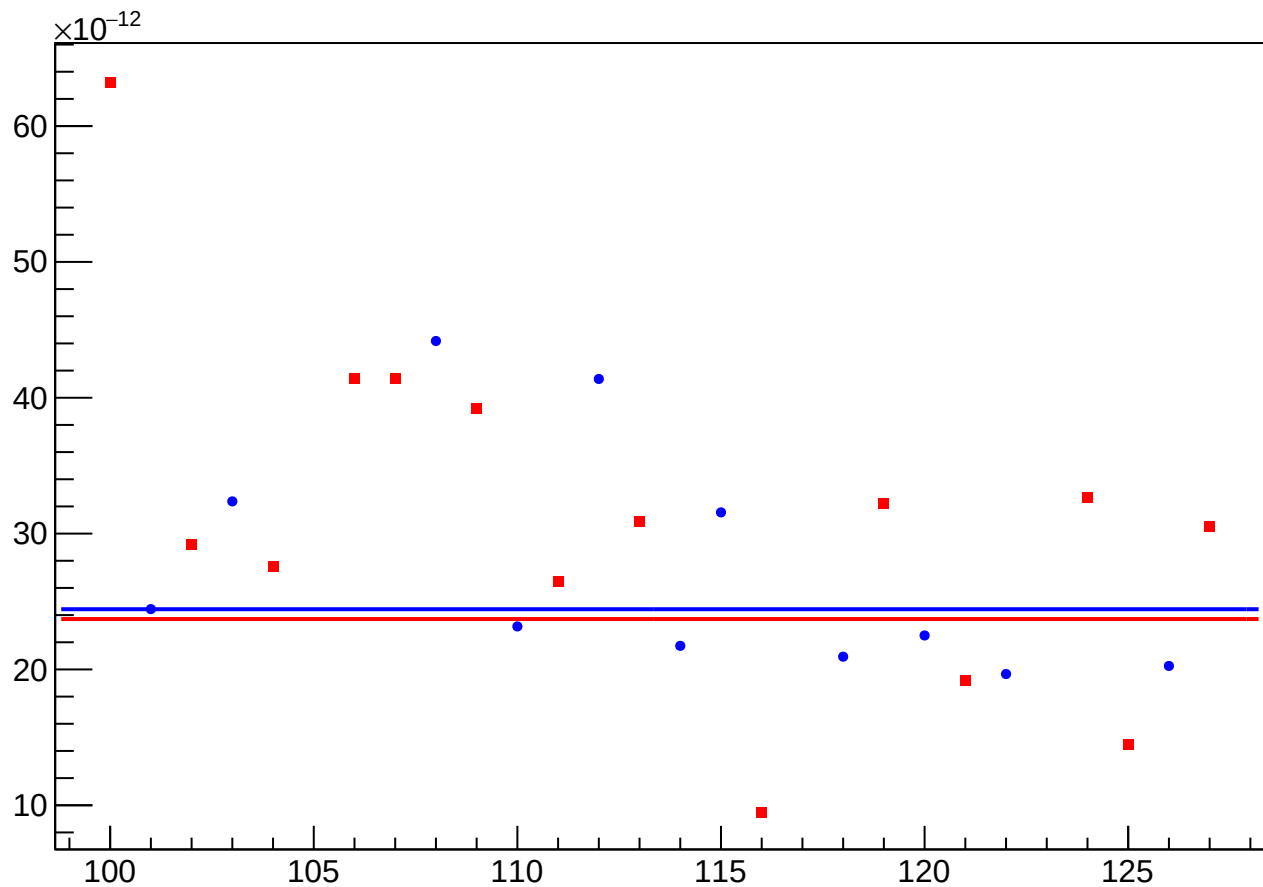
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.1/24

- sign 0.000+/-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: 389435.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 983114.3/13

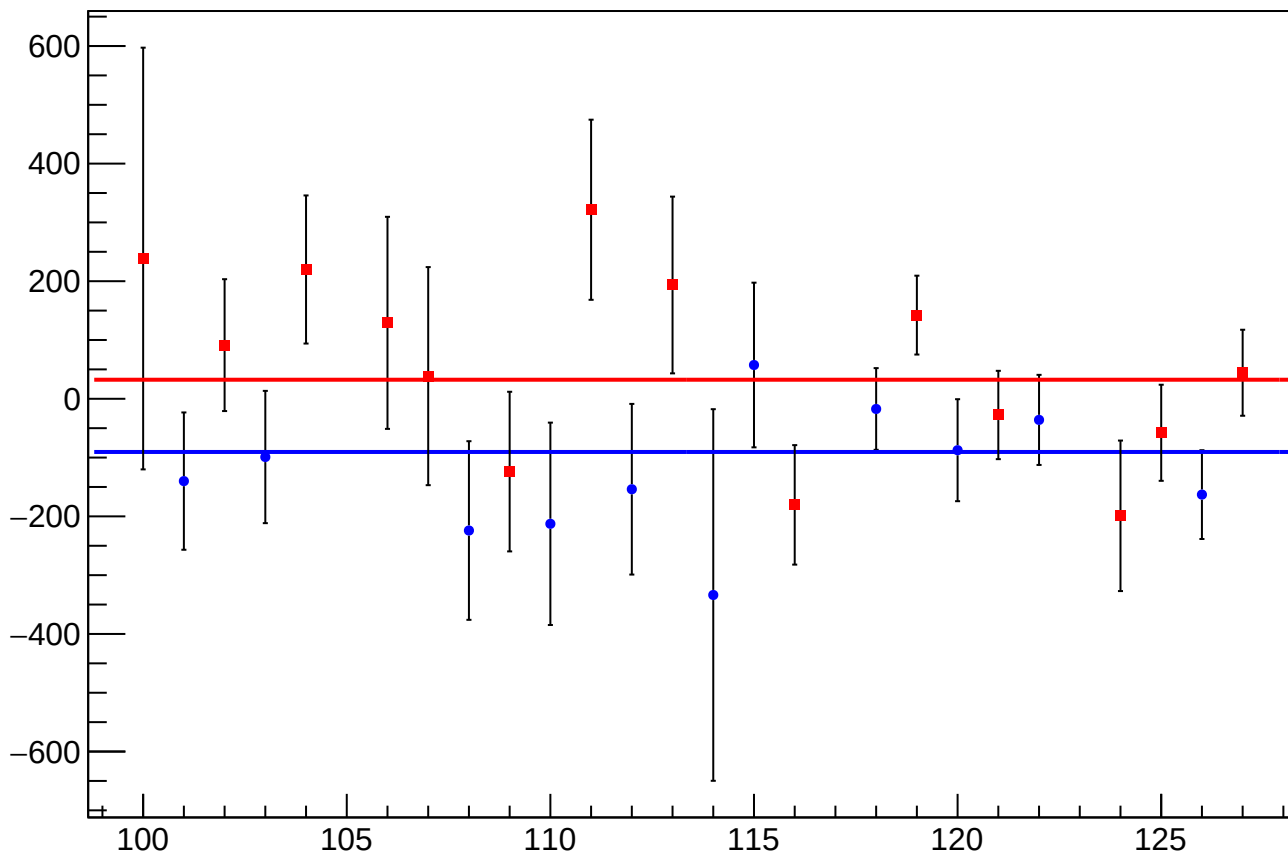
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1375198.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_26_dd_mean vs Slug



Right In: -90.461 ± 31.253 χ^2/NDF : 5.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 32.409 ± 28.337 χ^2/NDF : 21.4/13

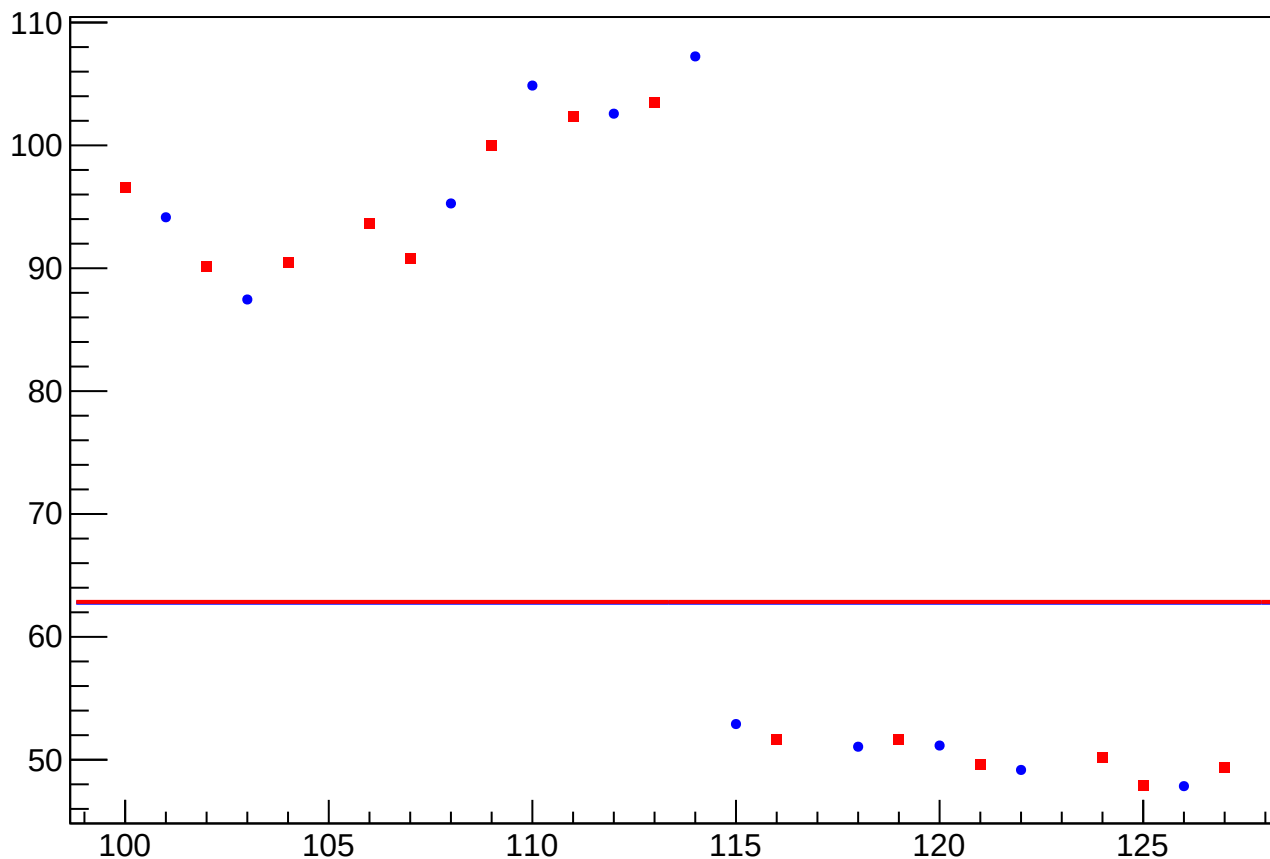
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -23.028 ± 20.993 χ^2/NDF : 35.8/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_rms vs Slug



Right In: 62.781+/-0.022 χ^2/NDF : 885653.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.849+/-0.020 χ^2/NDF : 1060854.3/13

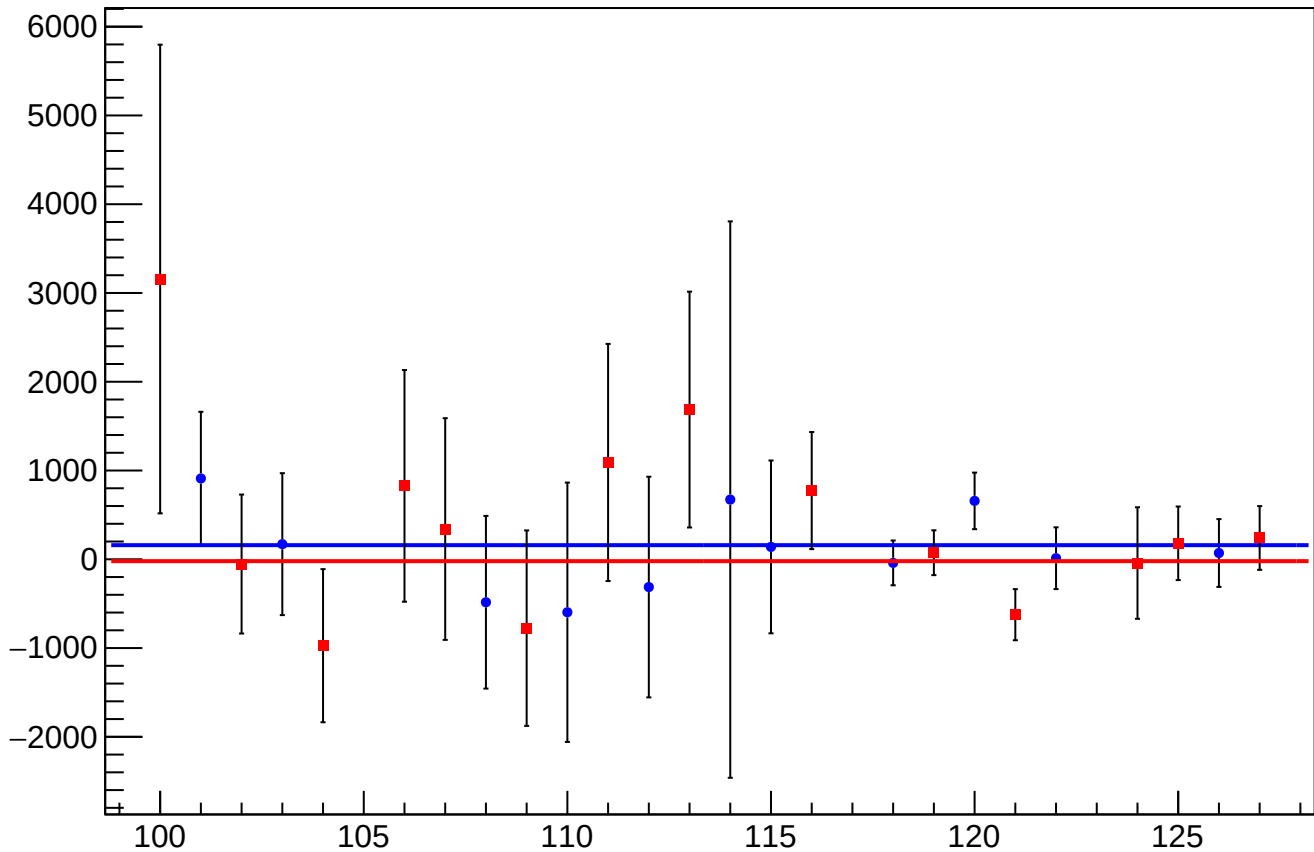
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.818+/-0.015 χ^2/NDF : 1946513.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_reg_correction_mean vs Slug



Right In: 159.148 $\pm$ 145.363 χ^2 /NDF: 5.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -20.896 $\pm$ 138.082 χ^2 /NDF: 12.7/13

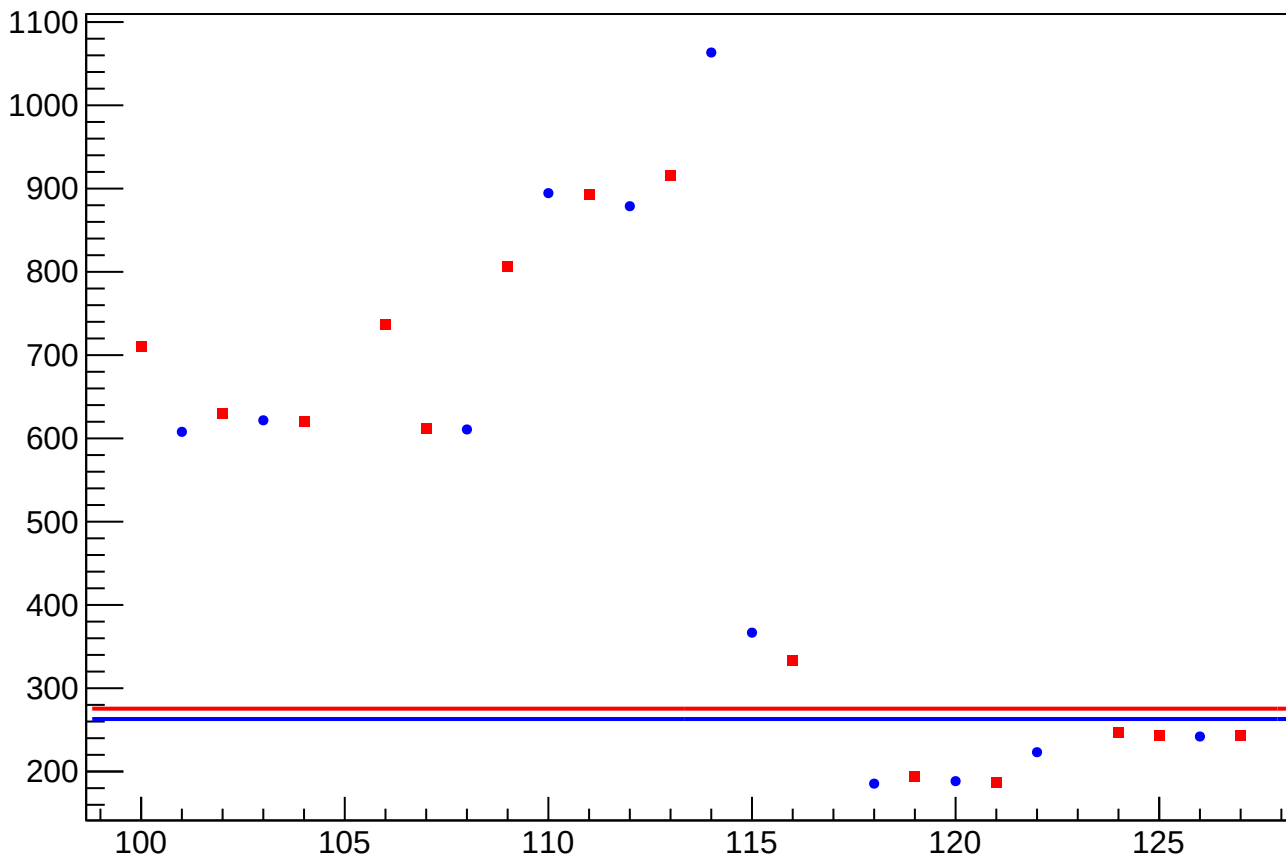
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 64.504 $\pm$ 100.114 χ^2 /NDF: 18.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_reg_correction_rms vs Slug



Right In: 263.026+/-0.103 χ^2/NDF : 2429183.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

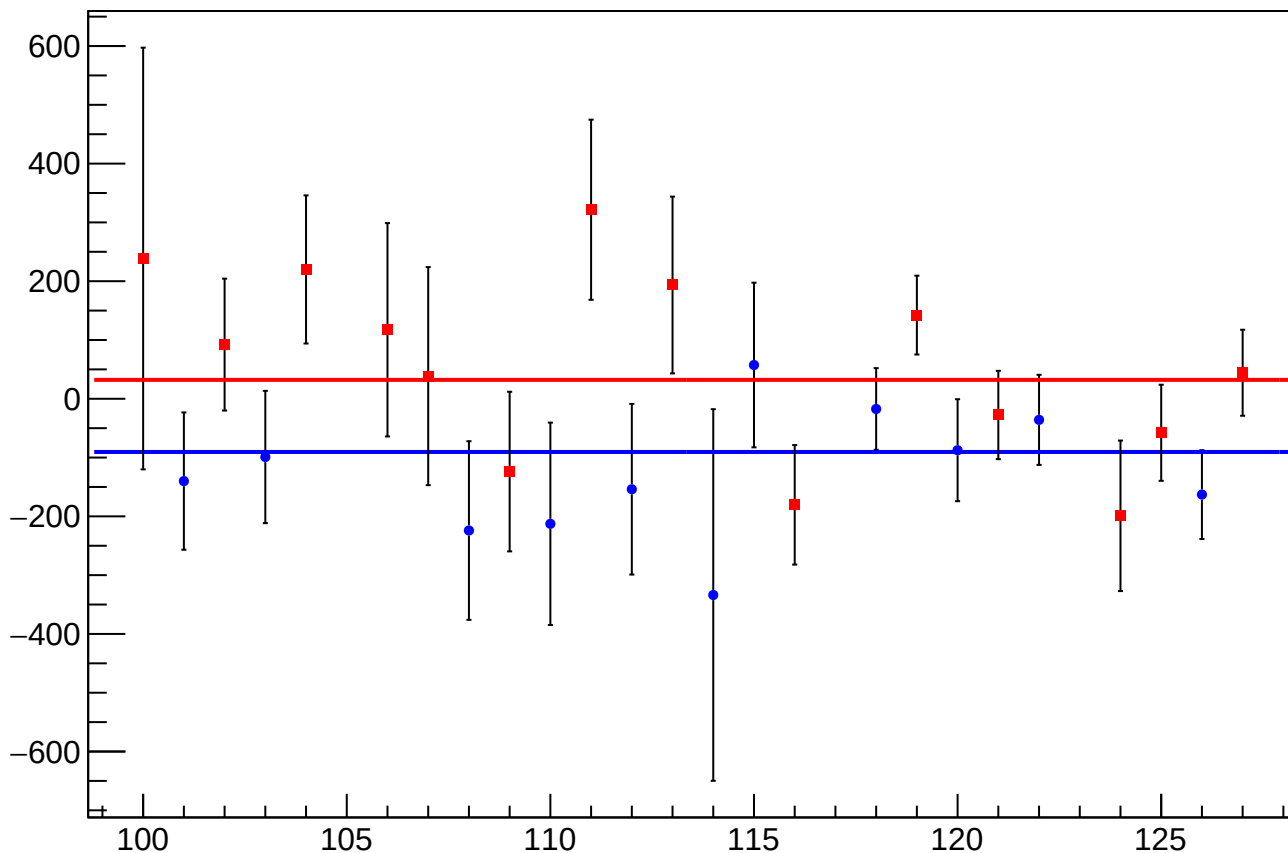
Right Out: 275.459+/-0.098 χ^2/NDF : 2985948.1/13

All: 269.562+/-0.071 χ^2/NDF : 5422823.7/24

- 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_sam_37_26_dd_mean vs Slug



Right In: -90.462 ± 31.253 χ^2/NDF : 5.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 32.150 ± 28.342 χ^2/NDF : 21.3/13

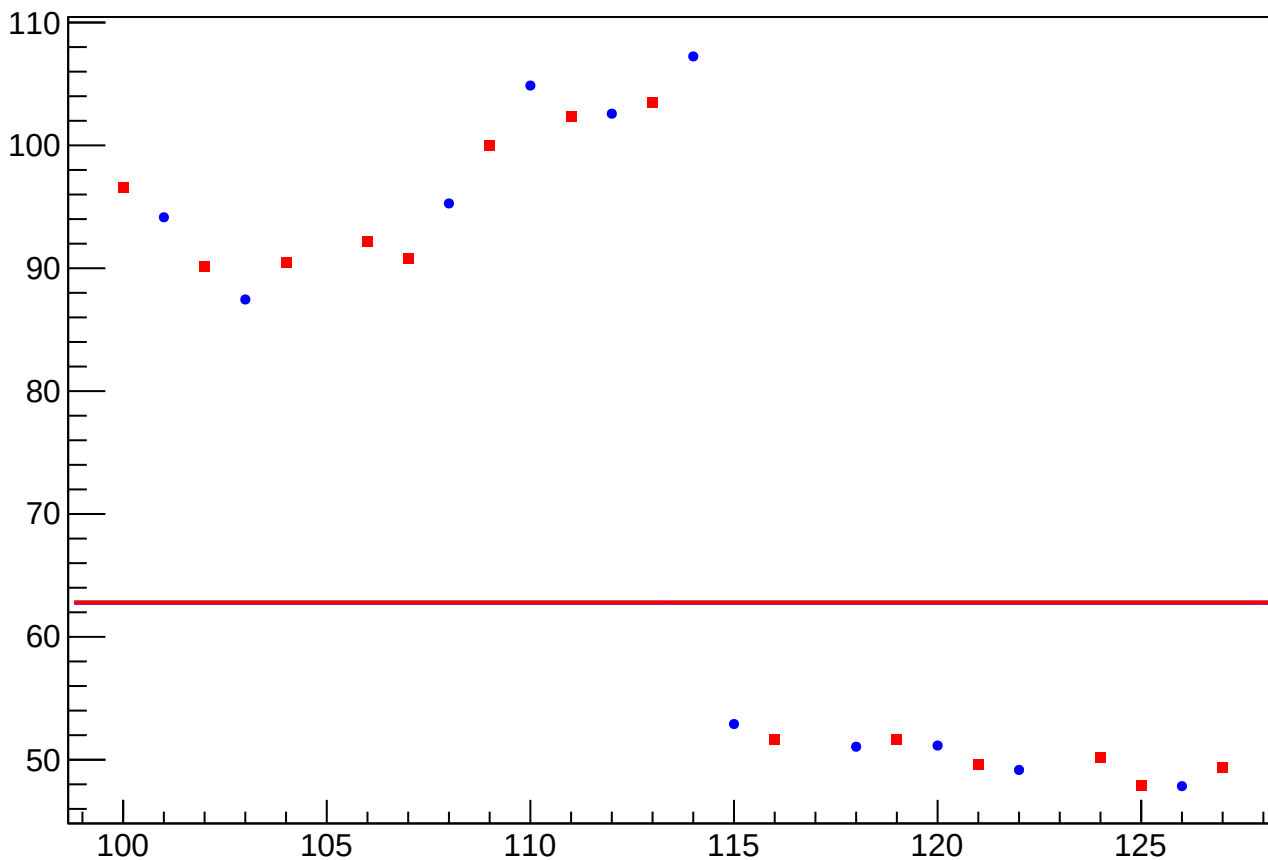
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -23.180 ± 20.995 χ^2/NDF : 35.7/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_sam_37_26_dd_rms vs Slug



Right In: 62.781+/-0.022 χ^2/NDF : 885653.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.803+/-0.020 χ^2/NDF : 1054687.2/13

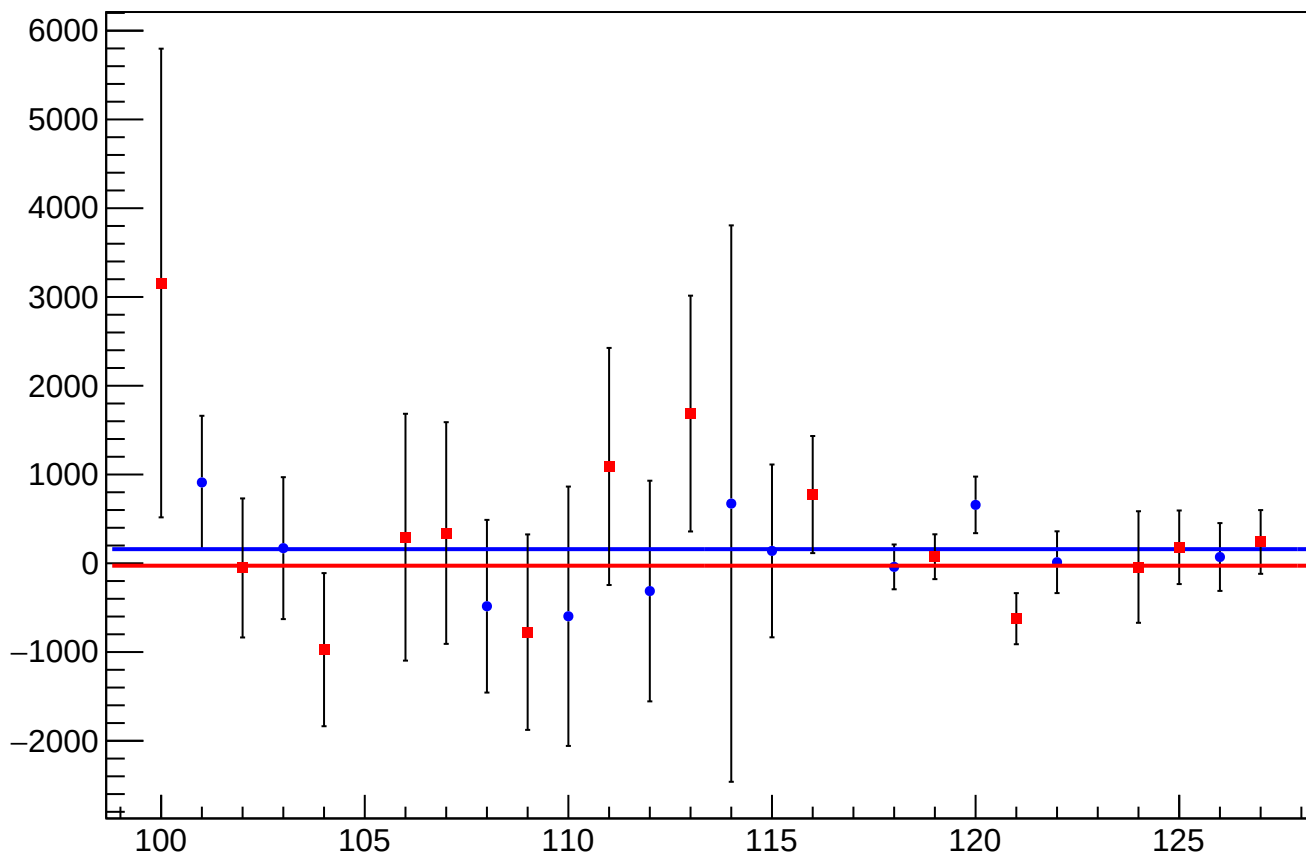
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.793+/-0.015 χ^2/NDF : 1940341.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_cor_correction_mean vs Slug



Right In: 159.142 $\pm$ 145.363 χ^2 /NDF: 5.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -27.254 $\pm$ 138.176 χ^2 /NDF: 12.4/13

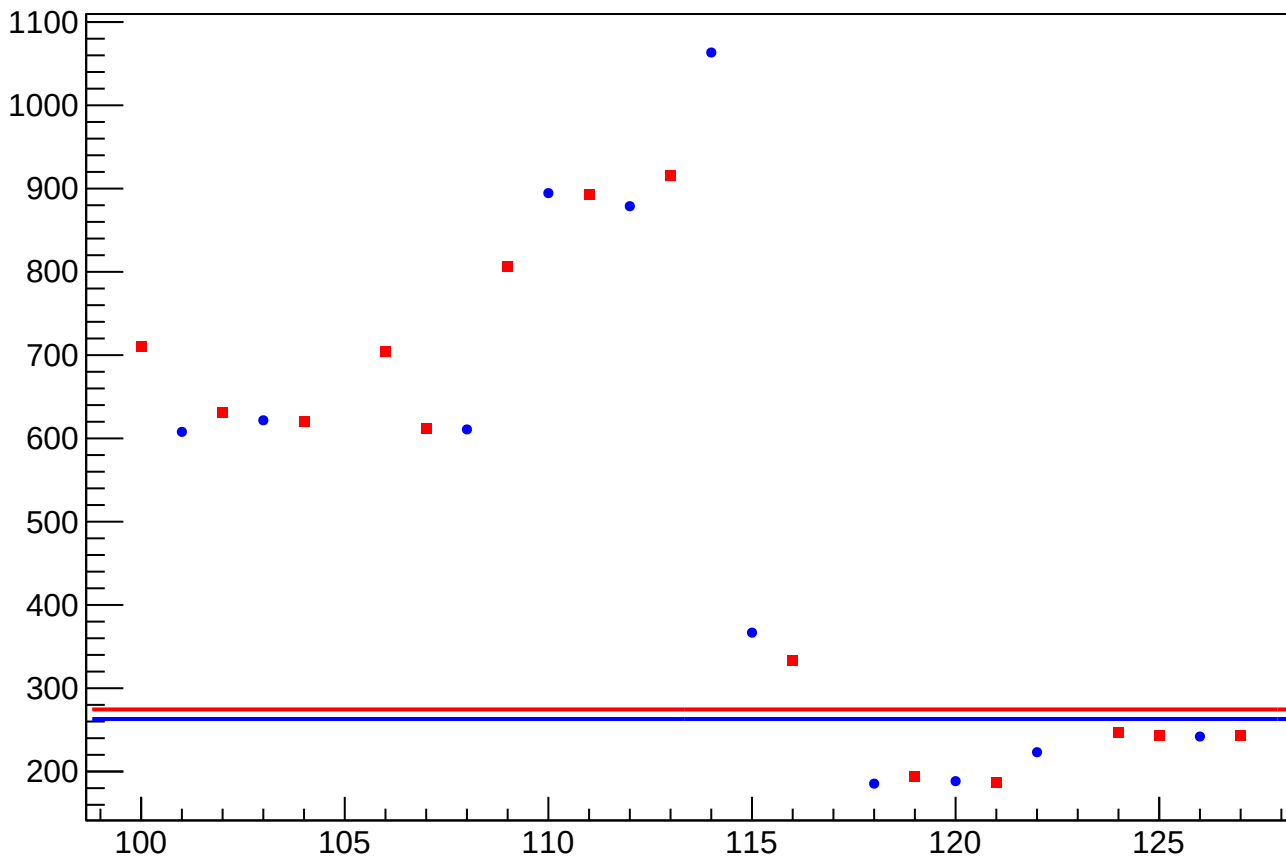
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 61.222 $\pm$ 100.150 χ^2 /NDF: 18.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_cor_correction_rms vs Slug



Right In: 263.025+/-0.103 χ^2/NDF : 2429200.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 274.528+/-0.098 χ^2/NDF : 2926925.0/13

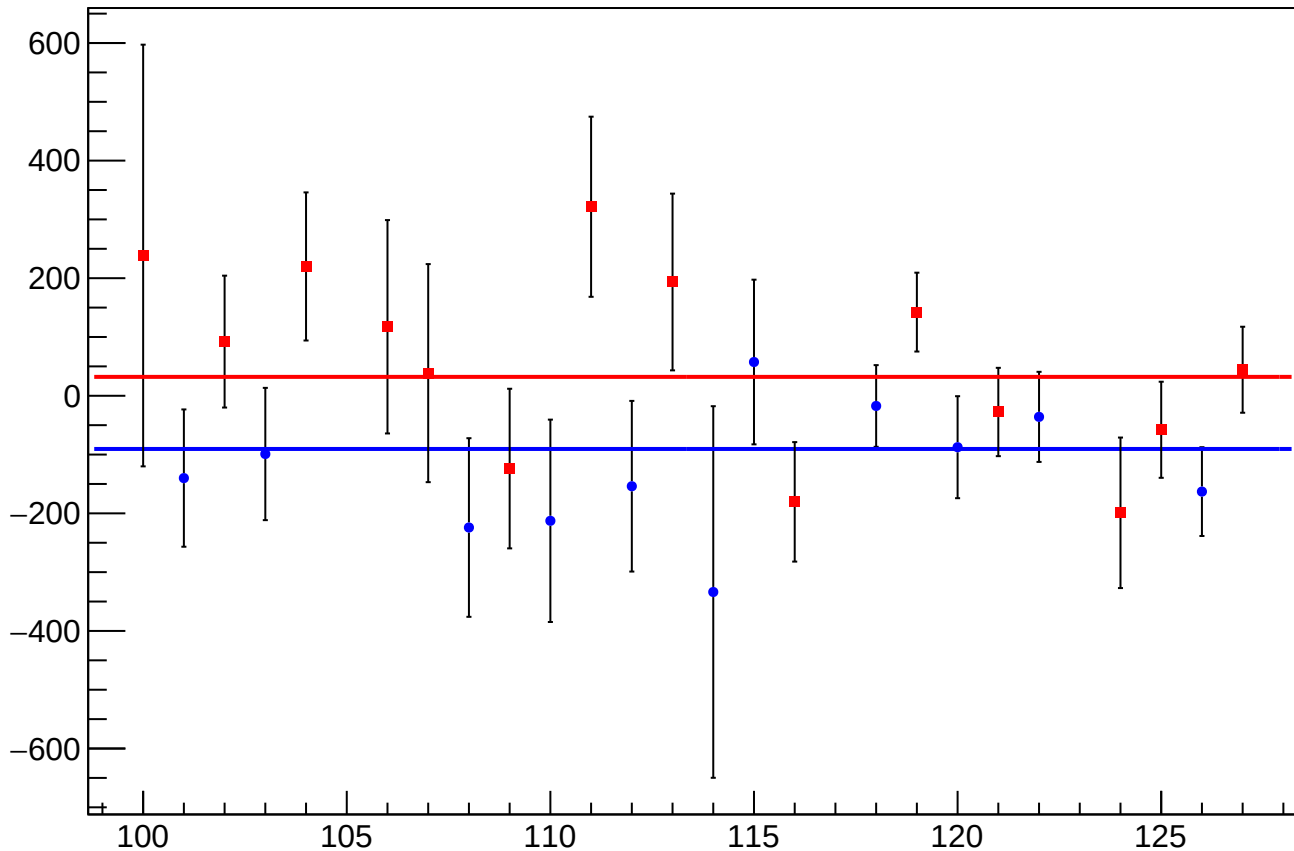
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 269.068+/-0.071 χ^2/NDF : 5362704.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_37_26_dd_mean vs Slug



Right In: -90.462 $\pm$ 31.253 χ^2 /NDF: 5.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 32.150 $\pm$ 28.342 χ^2 /NDF: 21.3/13

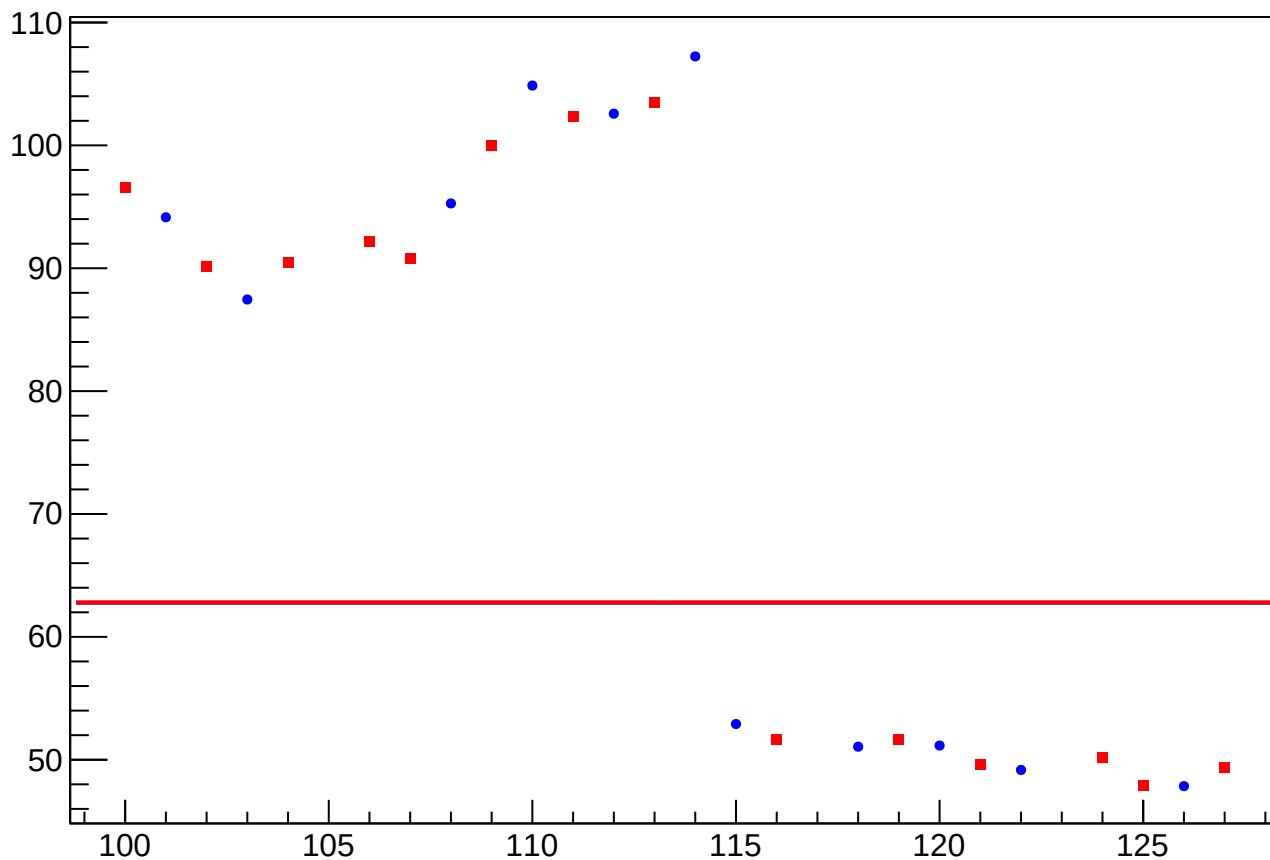
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -23.180 $\pm$ 20.995 χ^2 /NDF: 35.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_37_26_dd_rms vs Slug



Right In: 62.781 $\pm$ 0.022 χ^2 /NDF: 885653.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 62.803 $\pm$ 0.020 χ^2 /NDF: 1054687.2/13

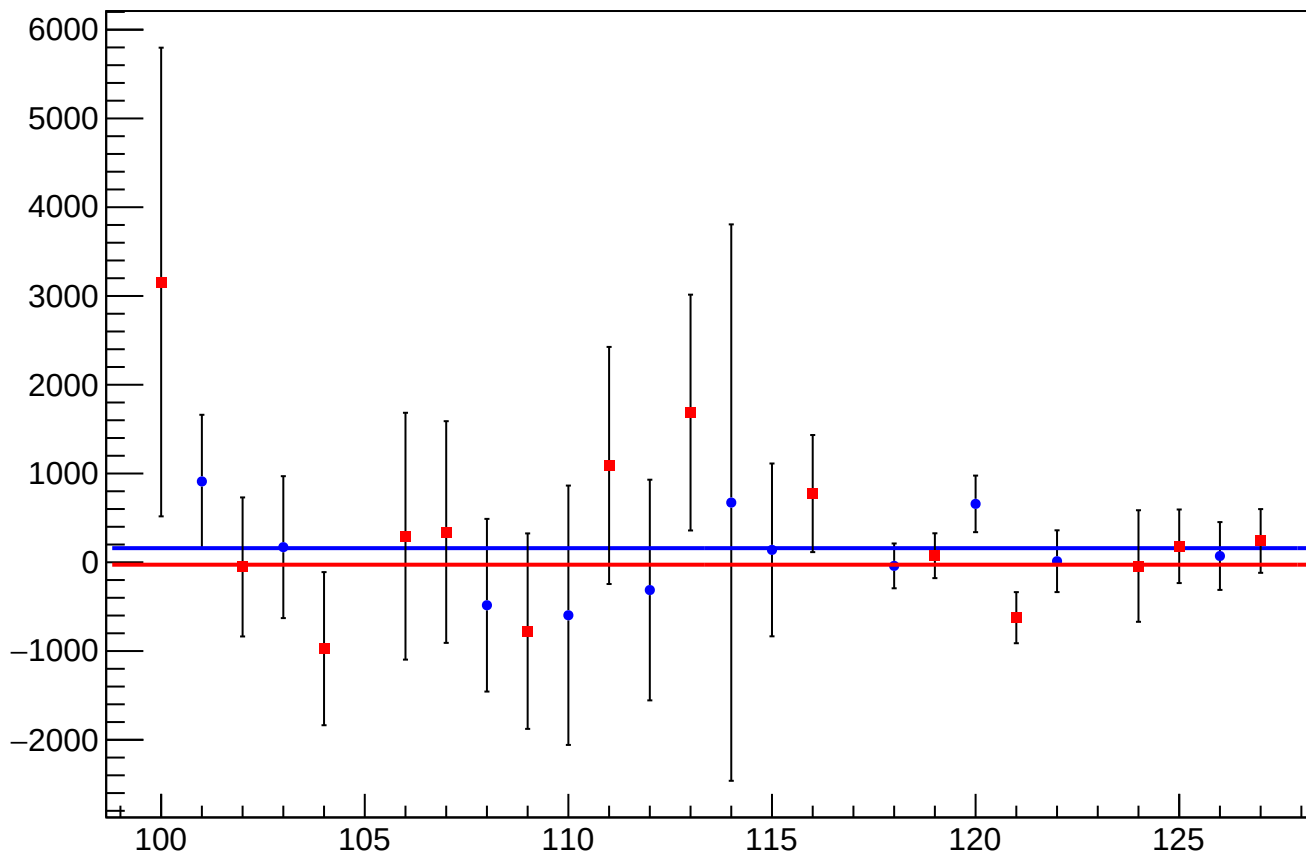
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 62.793 $\pm$ 0.015 χ^2 /NDF: 1940341.7/24

- 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: 159.142 $\pm$ 145.363 χ^2 /NDF: 5.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -27.254 $\pm$ 138.176 χ^2 /NDF: 12.4/13

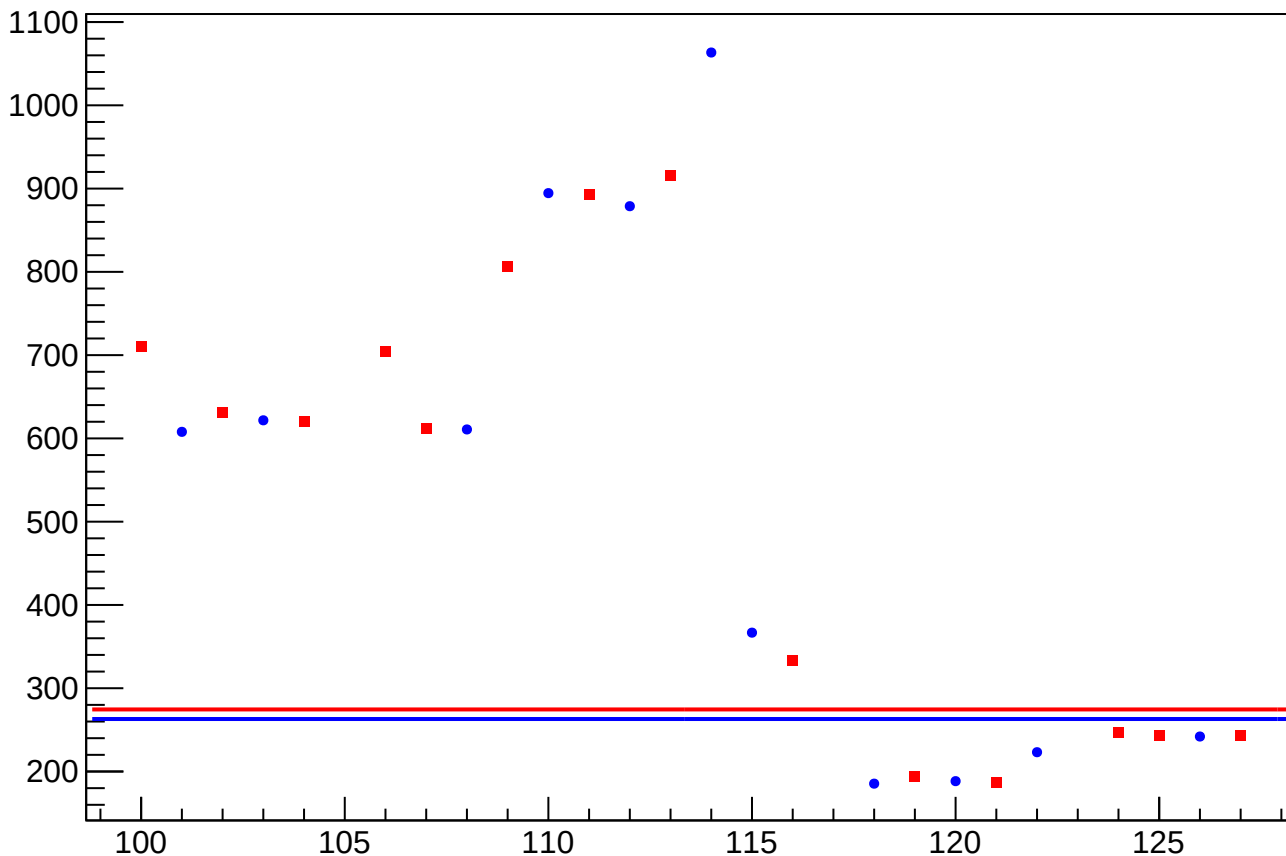
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 61.222 $\pm$ 100.150 χ^2 /NDF: 18.4/24

- 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: 263.025+/-0.103 χ^2/NDF : 2429200.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 274.528+/-0.098 χ^2/NDF : 2926925.0/13

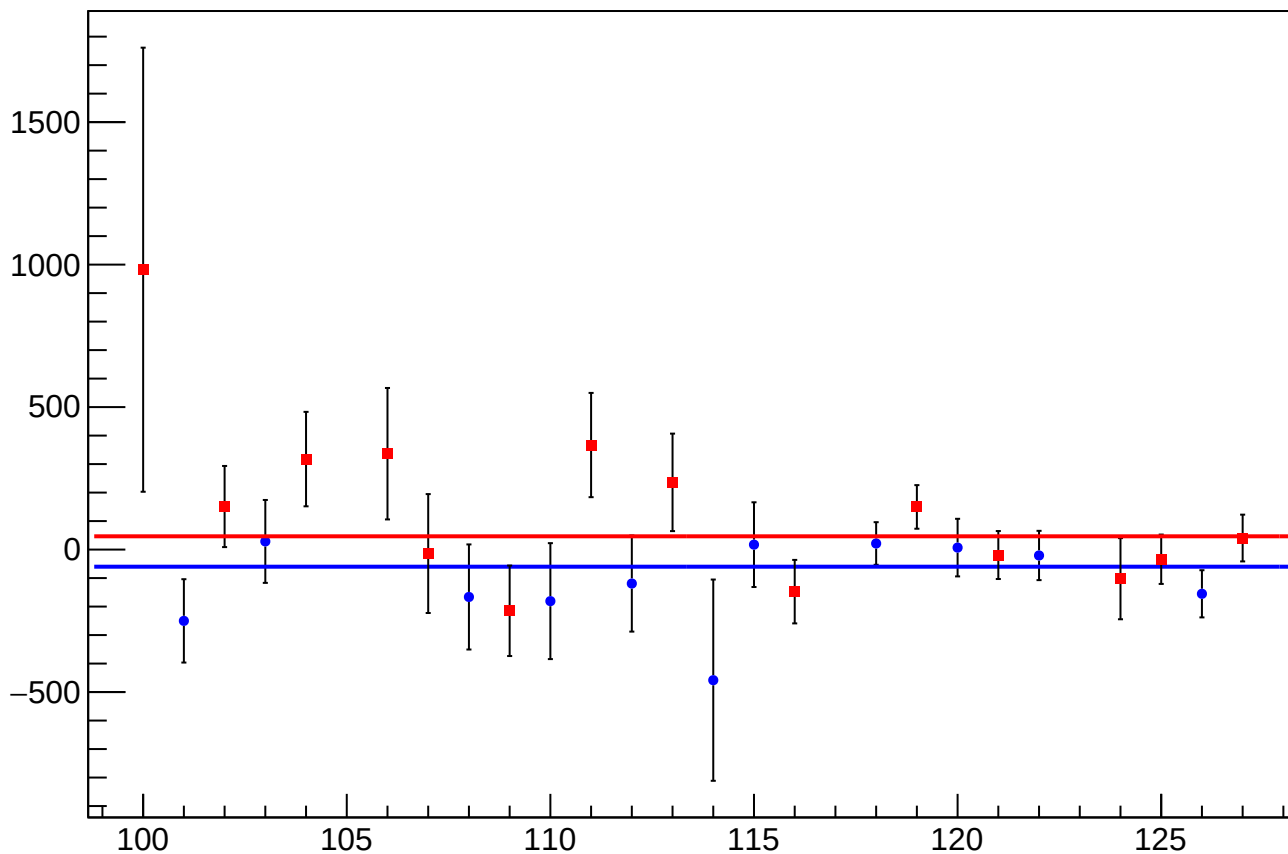
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 269.068+/-0.071 χ^2/NDF : 5362704.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_26_dd_mean vs Slug



Right In: -60.075+/-35.520 χ^2/NDF : 7.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.579+/-32.333 χ^2/NDF : 20.7/13

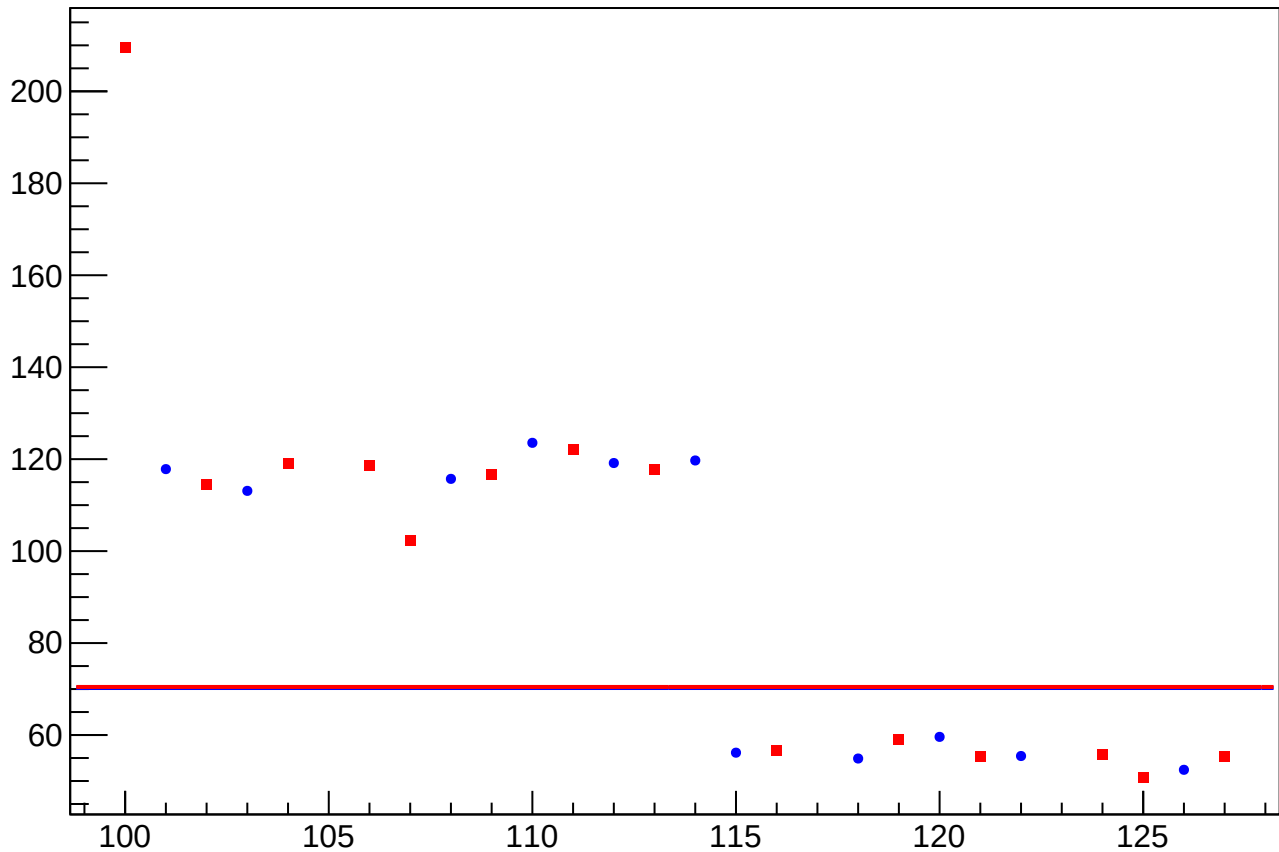
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.749+/-23.910 χ^2/NDF : 33.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_26_dd_rms vs Slug



Right In: 70.226+/-0.025 χ^2/NDF : 1127579.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.455+/-0.023 χ^2/NDF : 1376807.7/13

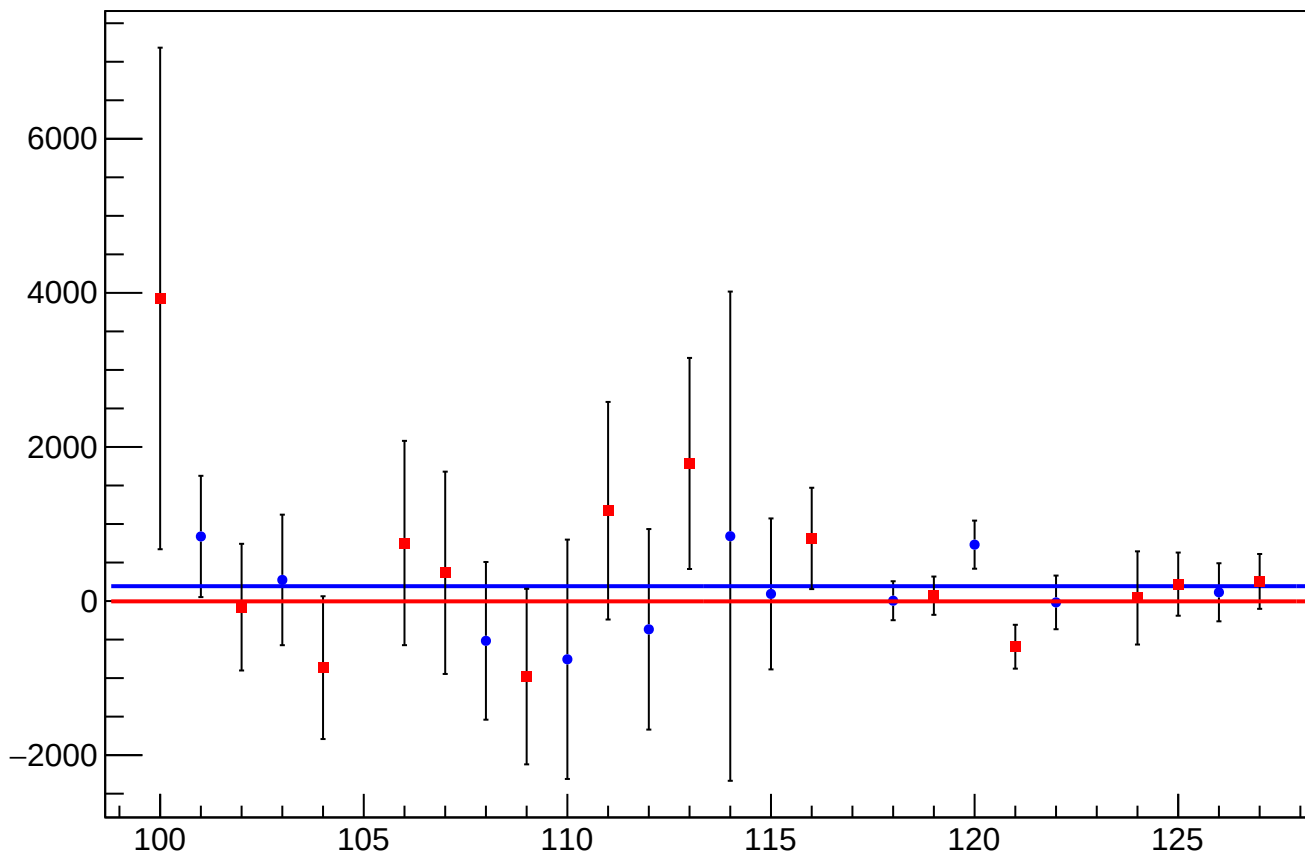
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.351+/-0.017 χ^2/NDF : 2504432.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_dit_correction_mean vs Slug



Right In: 193.026 $\pm$ 145.424 χ^2 /NDF: 5.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.863 $\pm$ 137.195 χ^2 /NDF: 12.6/13

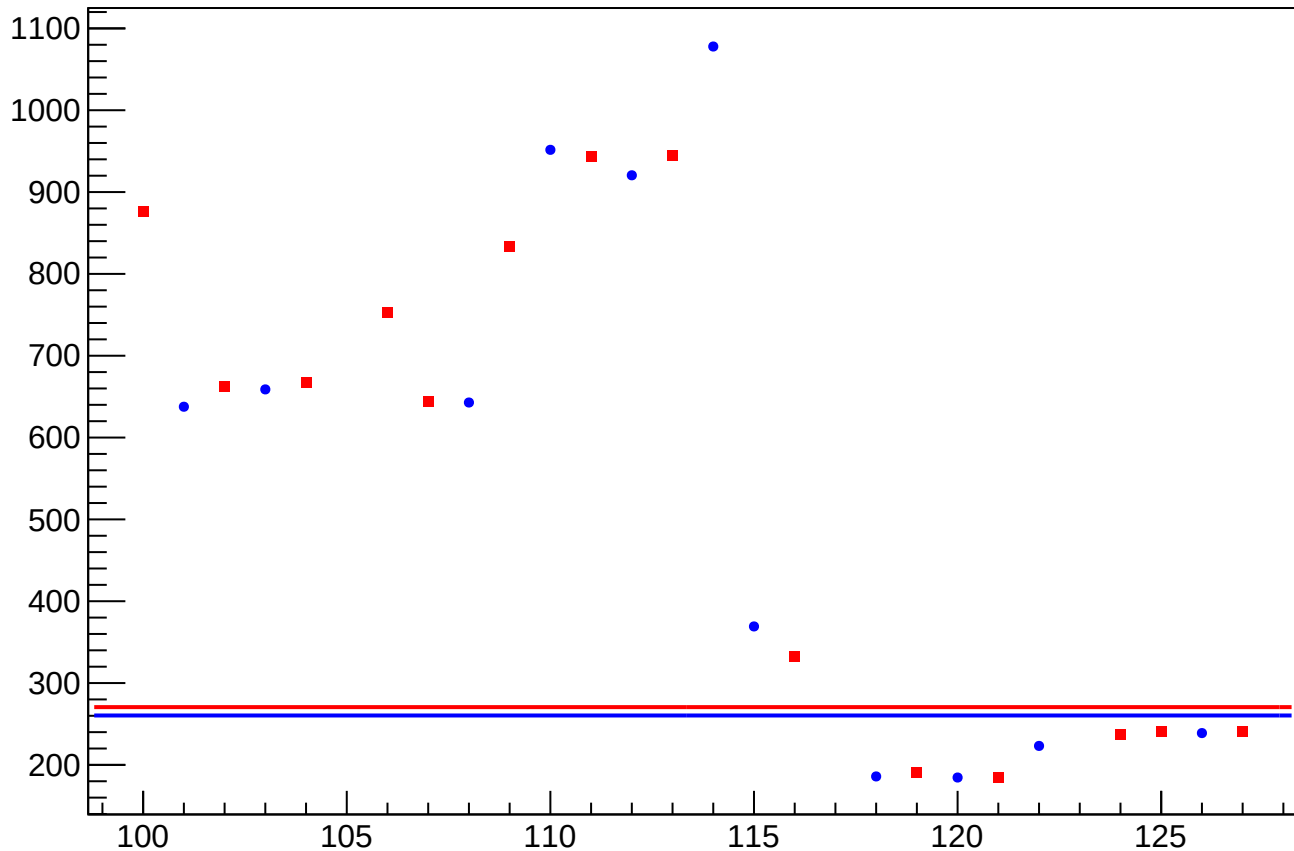
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 88.853 $\pm$ 99.794 χ^2 /NDF: 19.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_dit_correction_rms vs Slug



Right In: 260.365+/-0.103 χ^2/NDF : 2569776.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

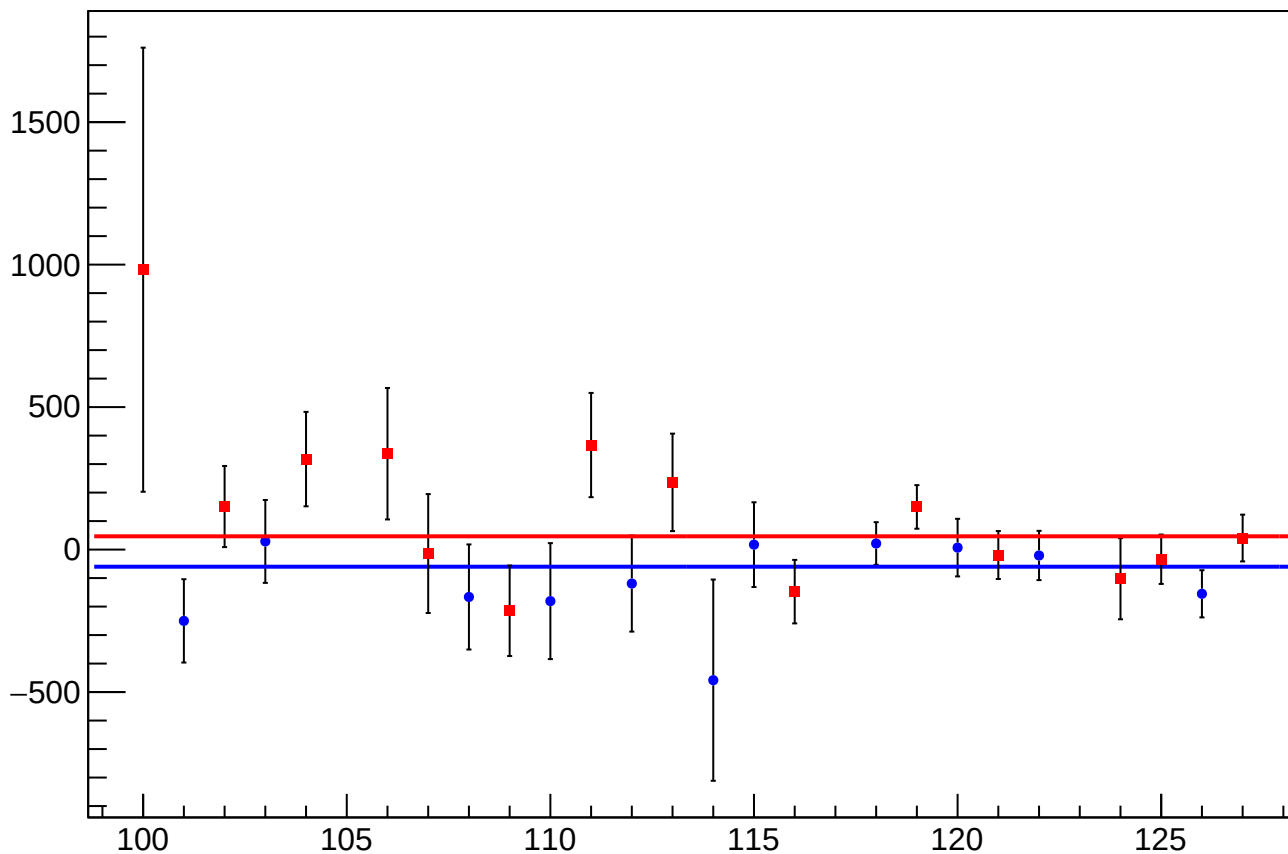
Right Out: 270.589+/-0.097 χ^2/NDF : 3180826.4/13

All: 265.774+/-0.071 χ^2/NDF : 5755832.3/24

- 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_sam_37_26_dd_mean vs Slug



Right In: -60.075+/-35.520 χ^2/NDF : 7.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.583+/-32.333 χ^2/NDF : 20.7/13

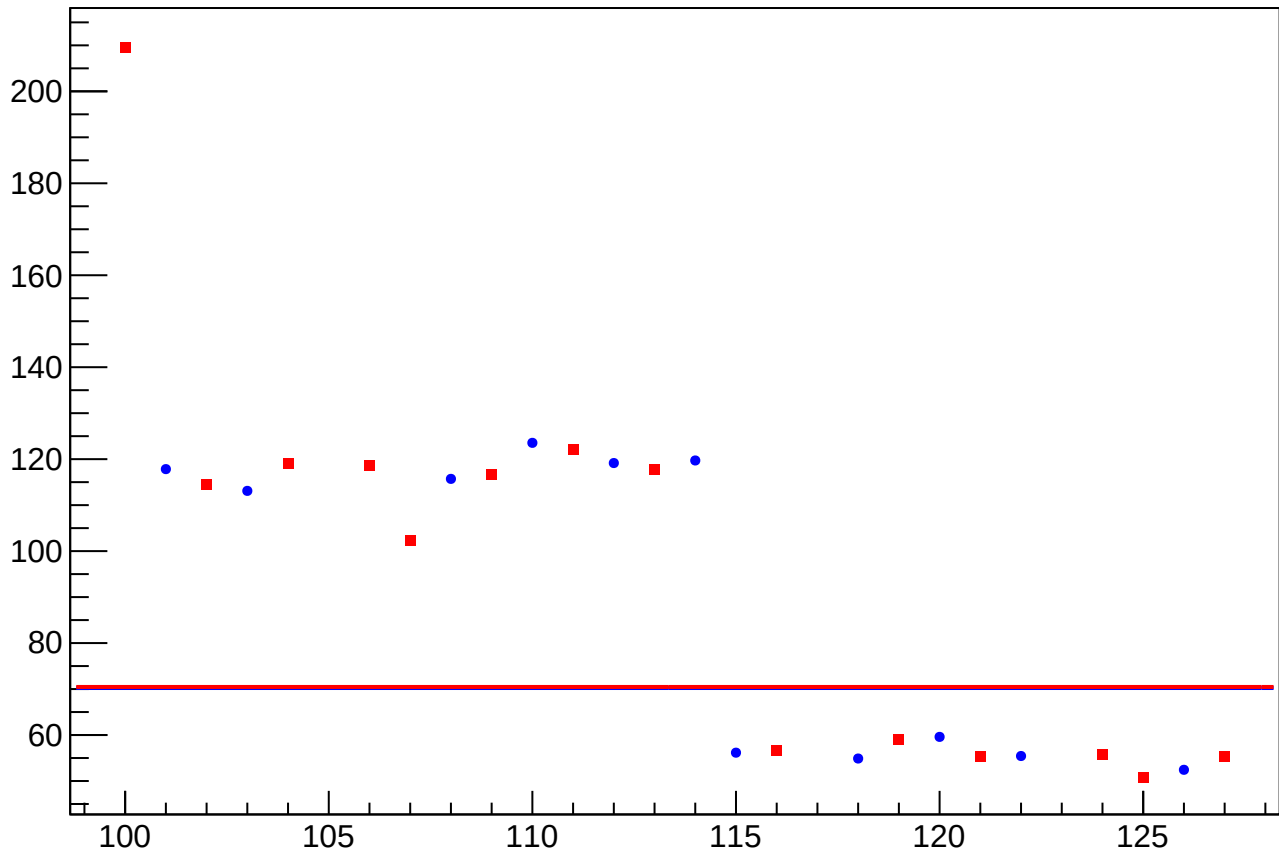
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.747+/-23.910 χ^2/NDF : 33.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_37_26_dd_rms vs Slug



Right In: 70.225+/-0.025 χ^2/NDF : 1127556.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.455+/-0.023 χ^2/NDF : 1376777.7/13

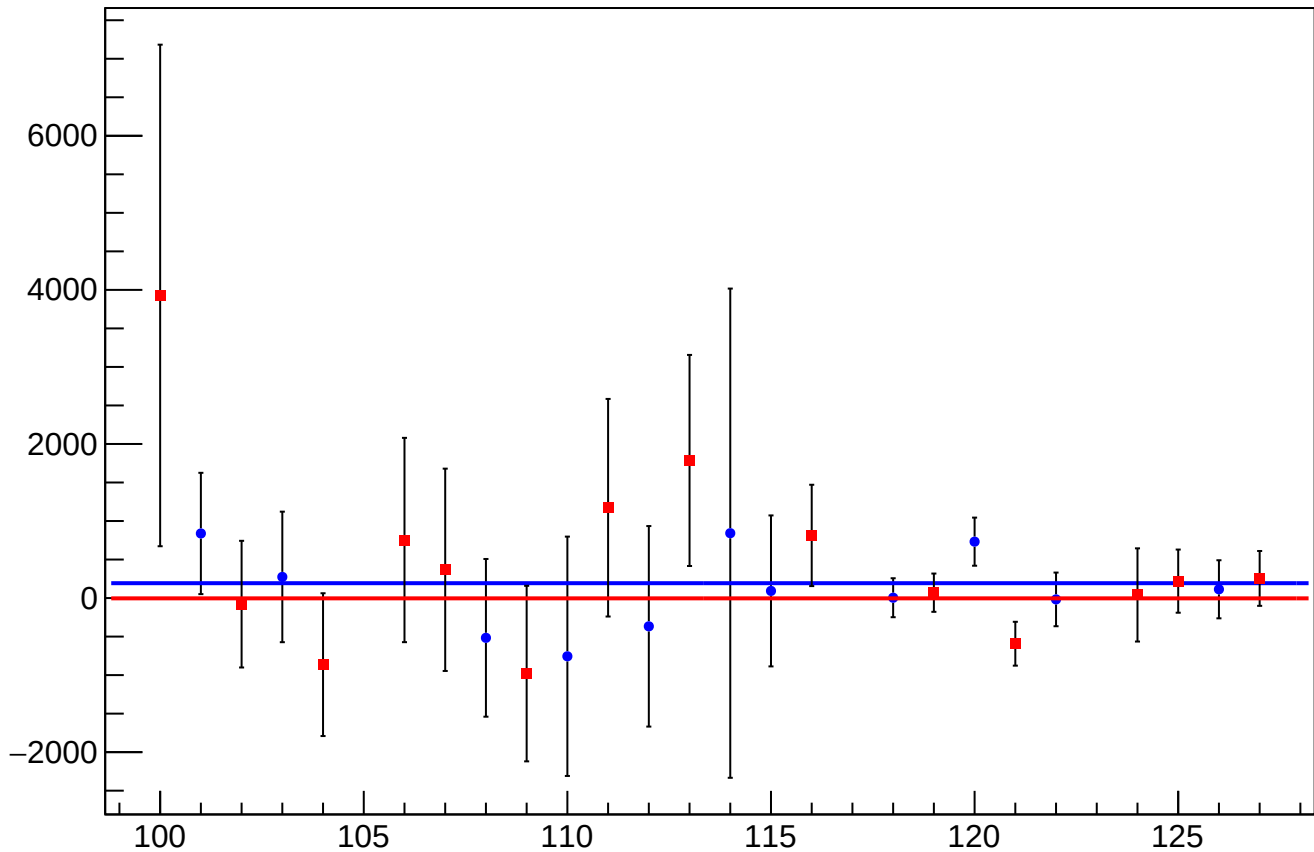
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.351+/-0.017 χ^2/NDF : 2504380.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_eigen_dit_correction_mean vs Slug



Right In: 193.024+/-145.424 χ^2/NDF : 5.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.861+/-137.195 χ^2/NDF : 12.6/13

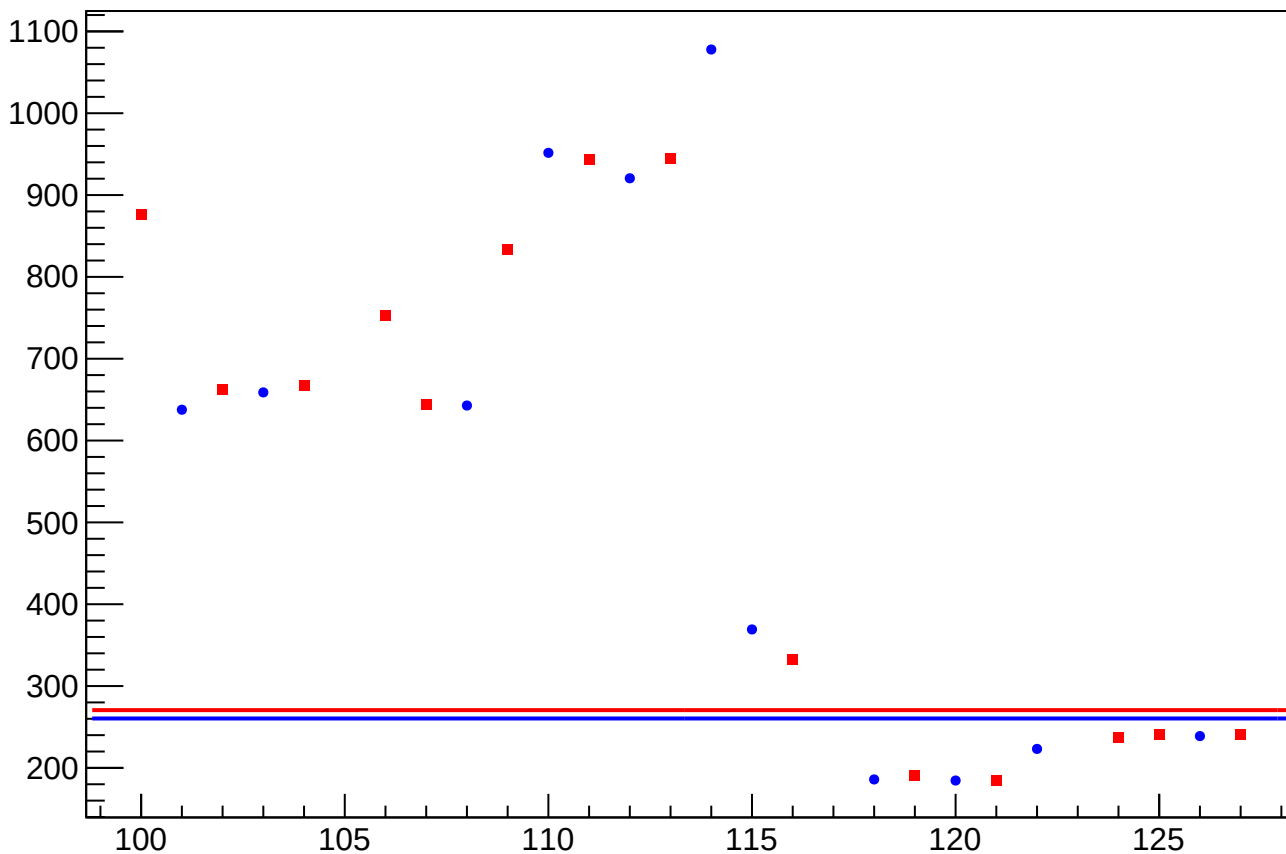
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.854+/-99.794 χ^2/NDF : 19.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_eigen_dit_correction_rms vs Slug



Right In: 260.365+/-0.103 χ^2/NDF : 2569771.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

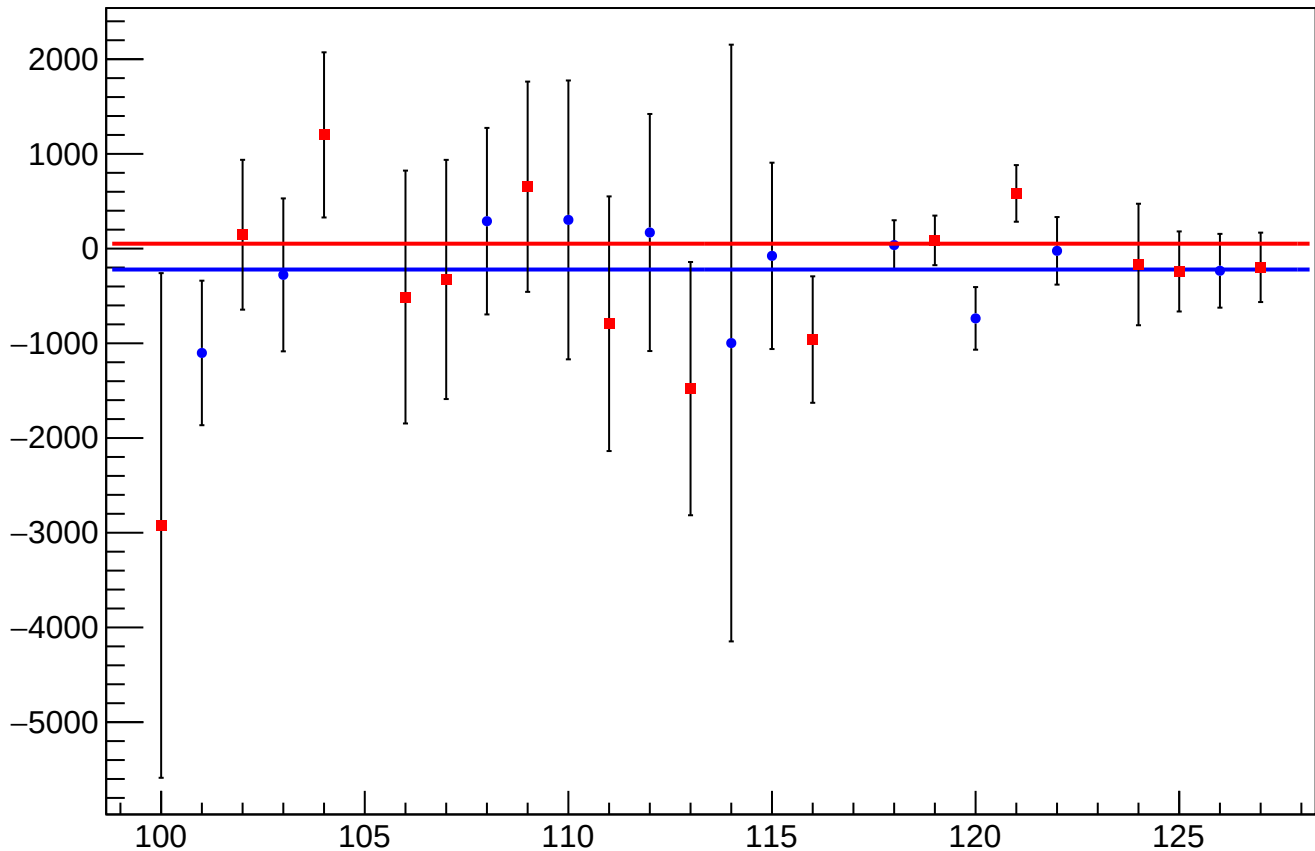
Right Out: 270.589+/-0.097 χ^2/NDF : 3180812.7/13

All: 265.775+/-0.071 χ^2/NDF : 5755814.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_mean vs Slug



Right In: -220.915+/-149.578 χ^2 /NDF: 5.6/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 51.774+/-141.892 χ^2 /NDF: 11.8/13

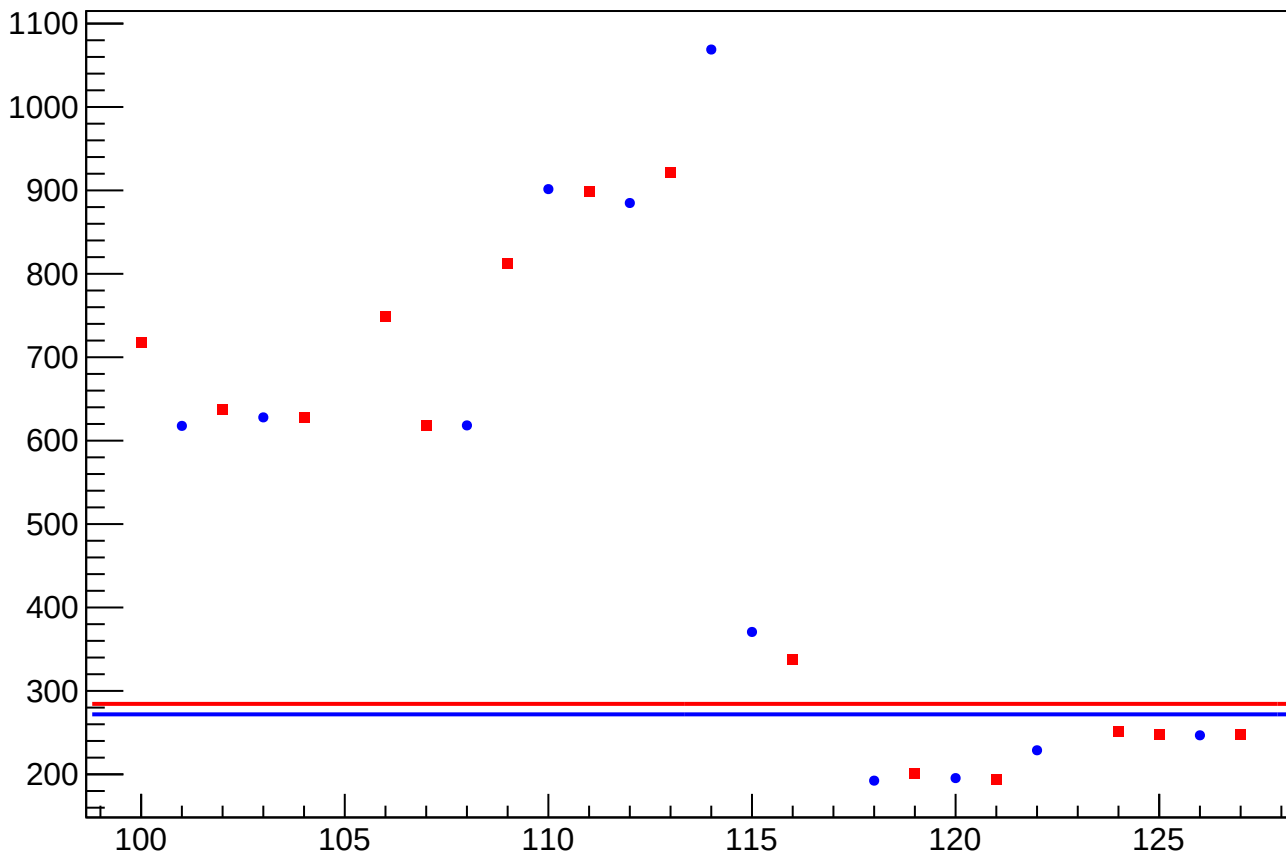
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -77.385+/-102.943 χ^2 /NDF: 19.2/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_rms vs Slug



Right In: 271.896+/-0.106 χ^2/NDF : 2369632.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

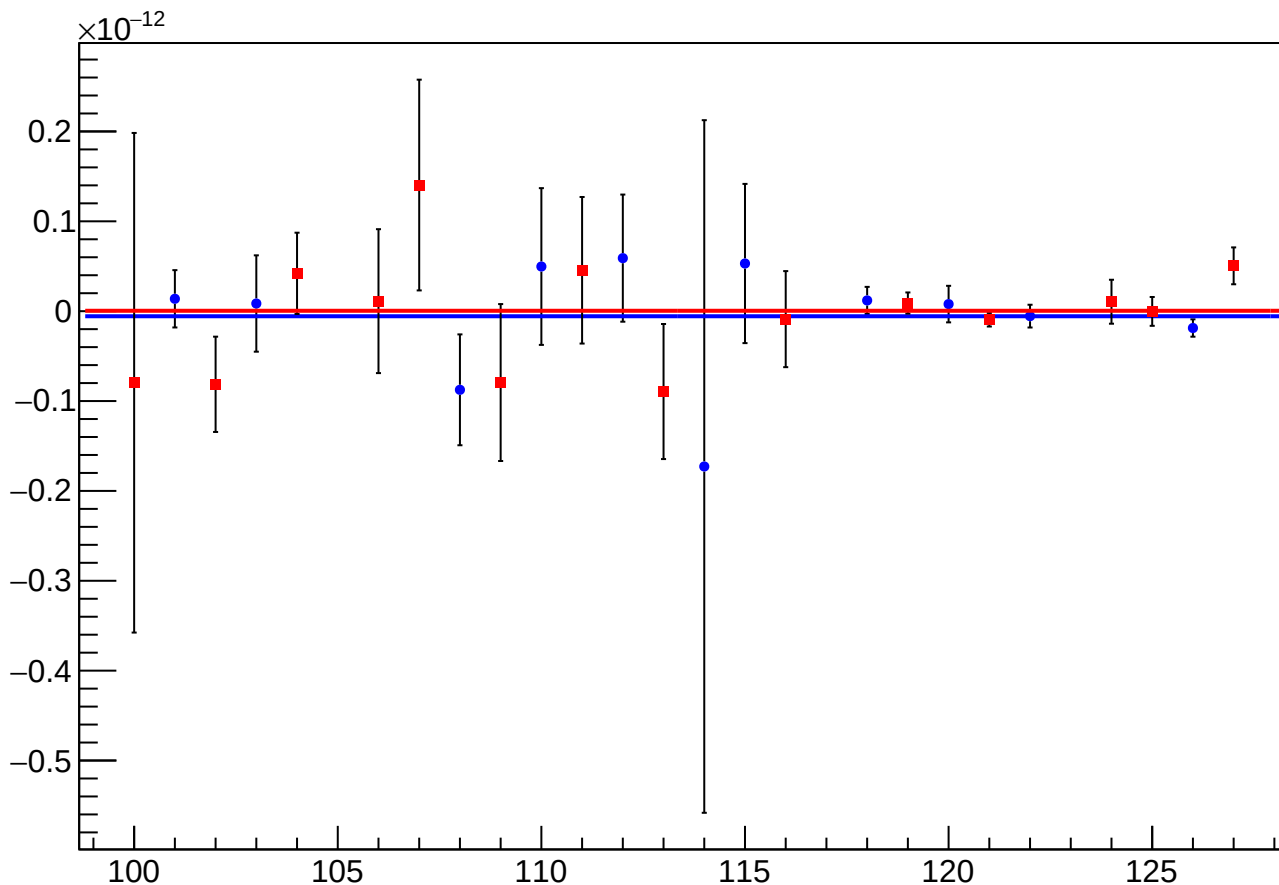
Right Out: 284.446+/-0.100 χ^2/NDF : 2906233.6/13

All: 278.502+/-0.073 χ^2/NDF : 5283276.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 7.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.7/13

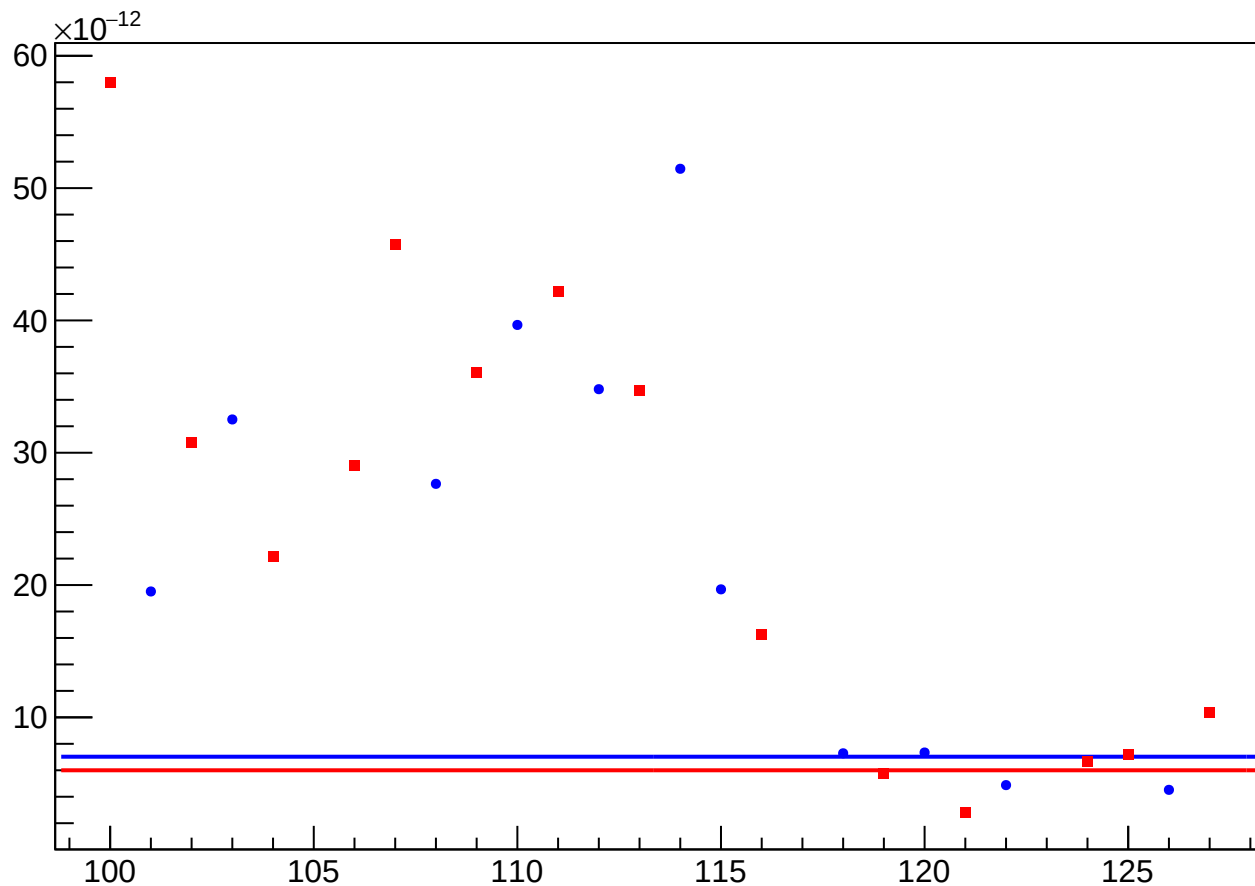
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 24.0/24

- sign 0.000 $\pm$ 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 : 1831180.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2617056.9/13

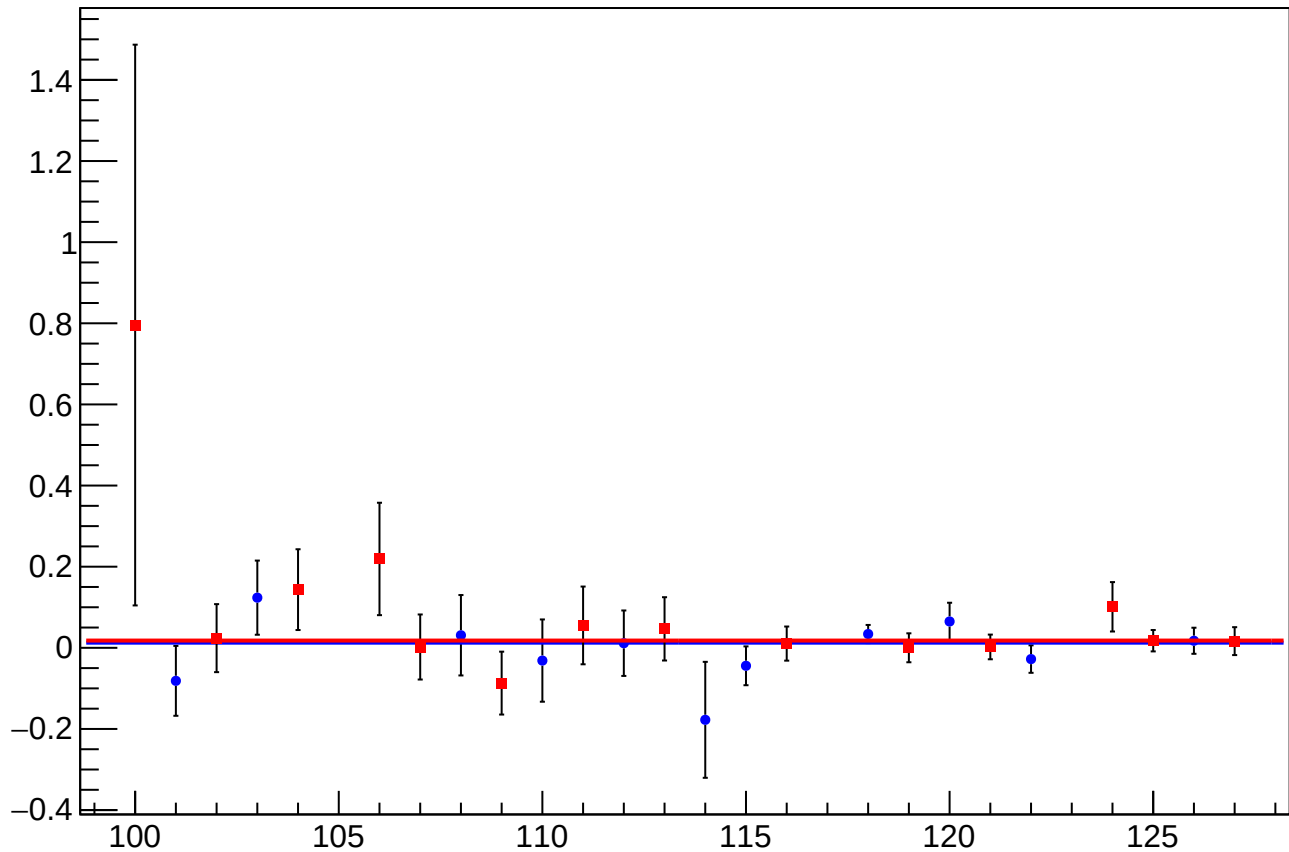
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4479382.4/24

- 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: 0.013 $\pm$ 0.014 χ^2 /NDF: 9.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.018 $\pm$ 0.013 χ^2 /NDF: 9.5/13

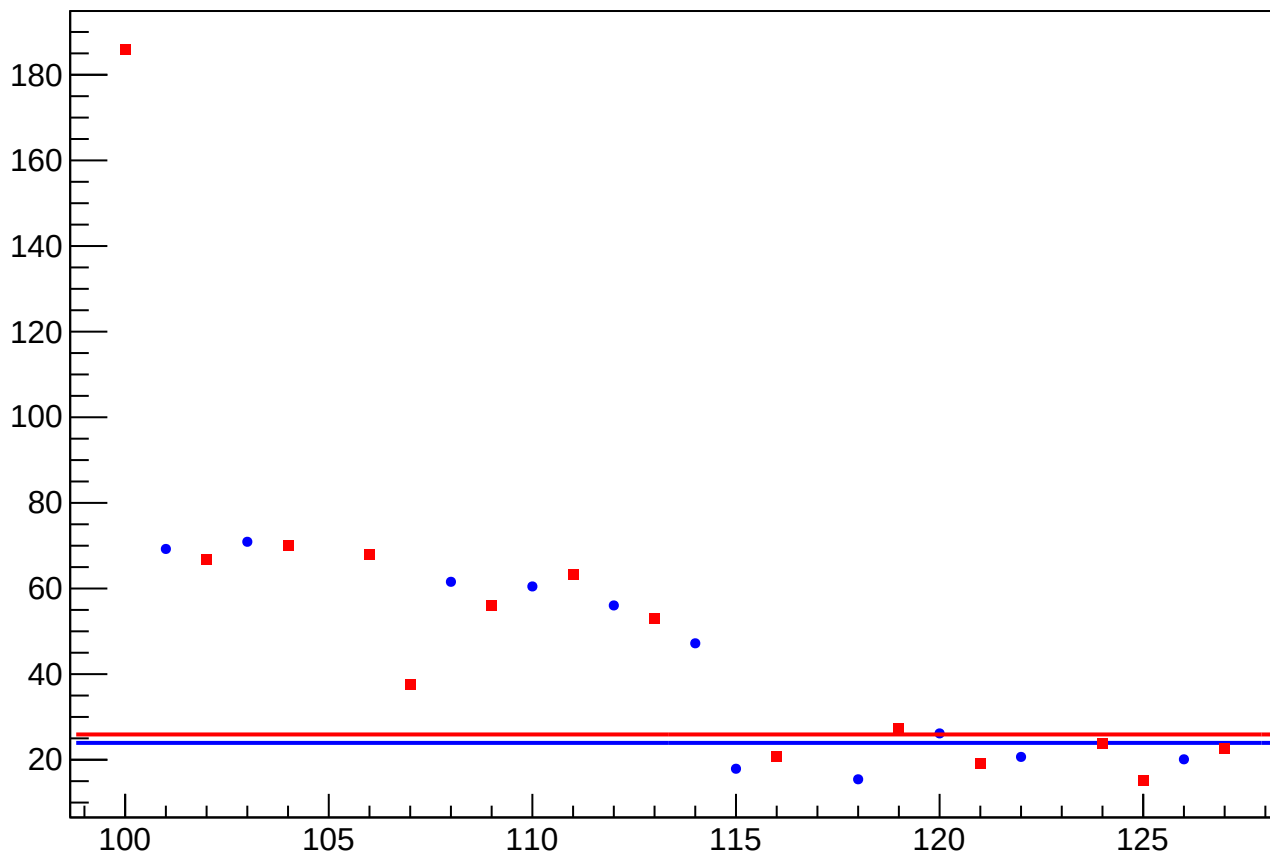
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.015 $\pm$ 0.009 χ^2 /NDF: 19.3/24

- 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: 23.941+/-0.010 χ^2/NDF : 2372257.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.911+/-0.009 χ^2/NDF : 2538114.6/13

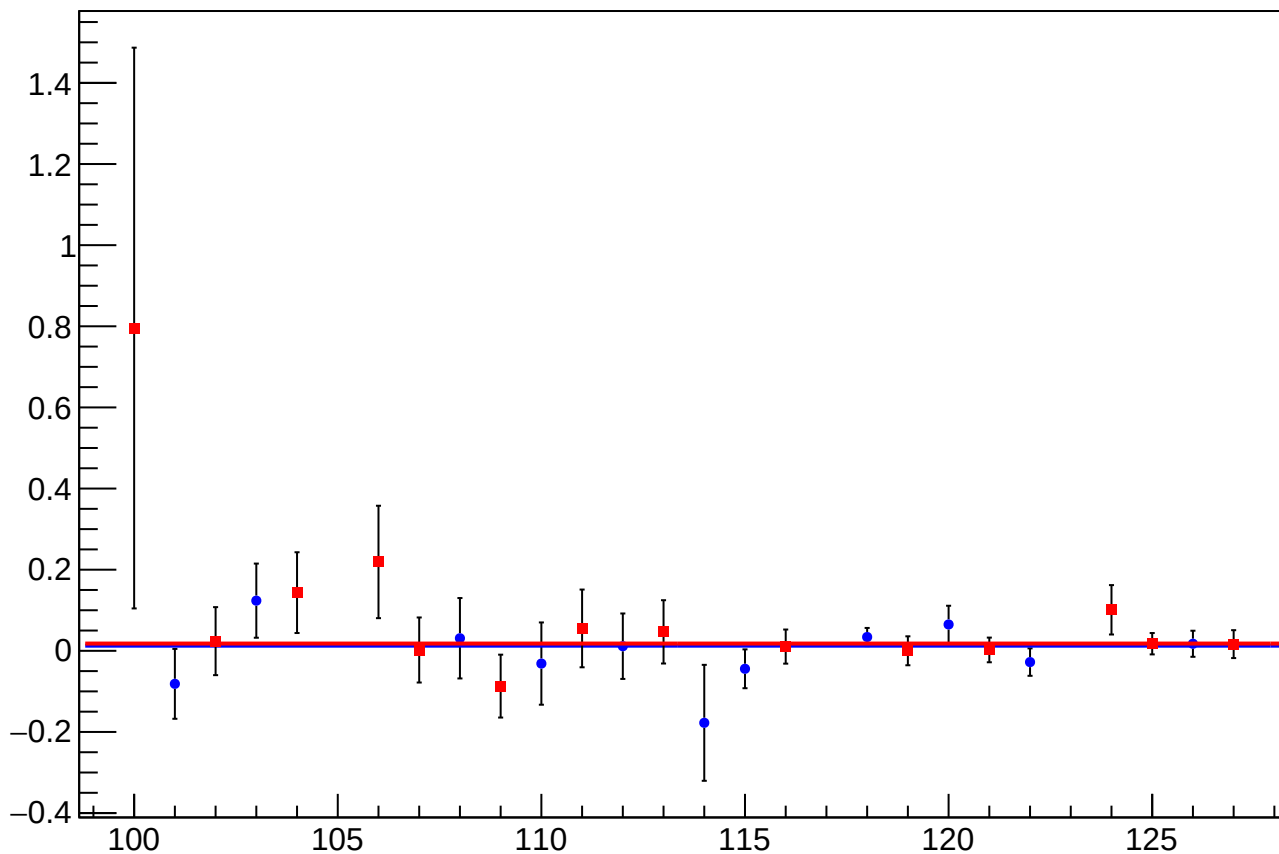
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.967+/-0.007 χ^2/NDF : 4932216.3/24

- 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: 0.013 $\pm$ 0.014 χ^2 /NDF: 9.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.018 $\pm$ 0.013 χ^2 /NDF: 9.5/13

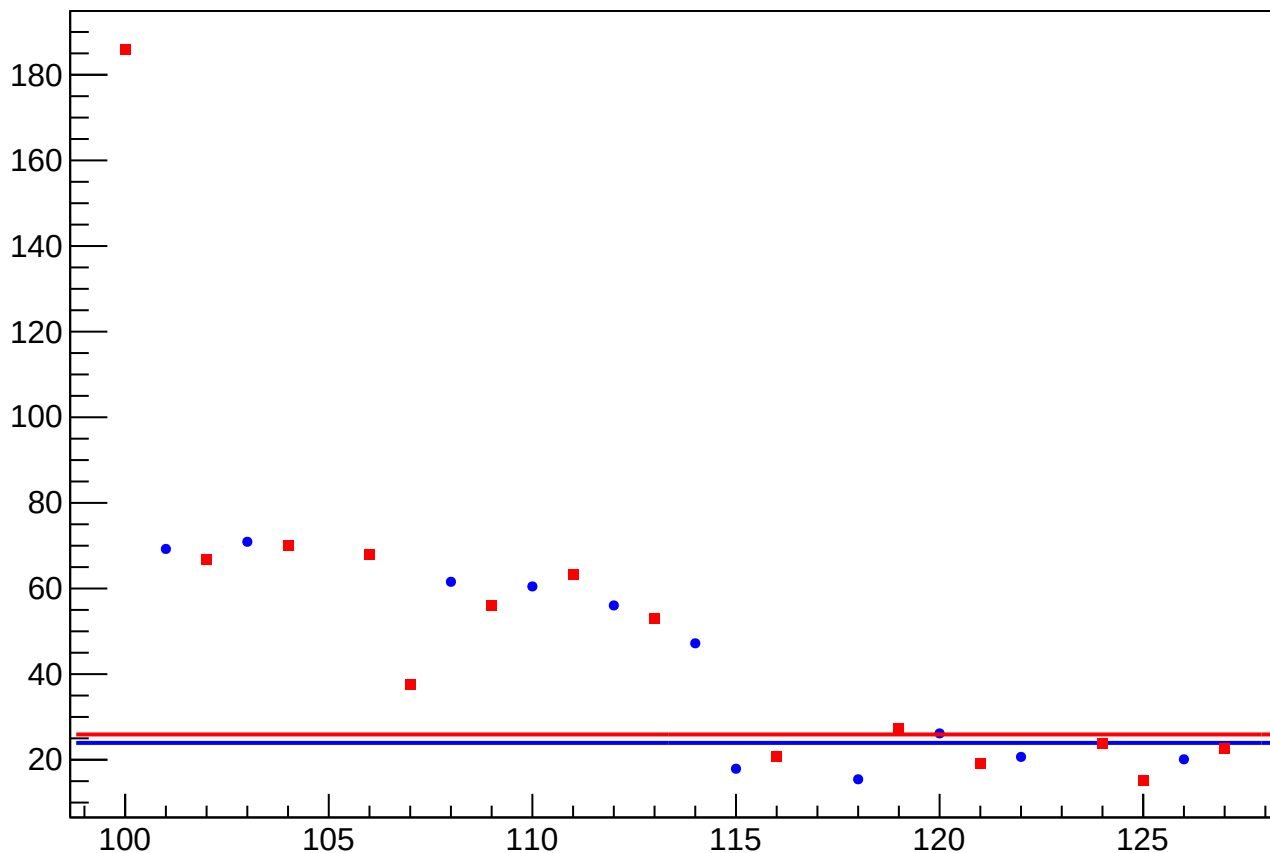
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.015 $\pm$ 0.009 χ^2 /NDF: 19.3/24

- 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: 23.941+/-0.010 χ^2/NDF : 2372257.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.911+/-0.009 χ^2/NDF : 2538114.6/13

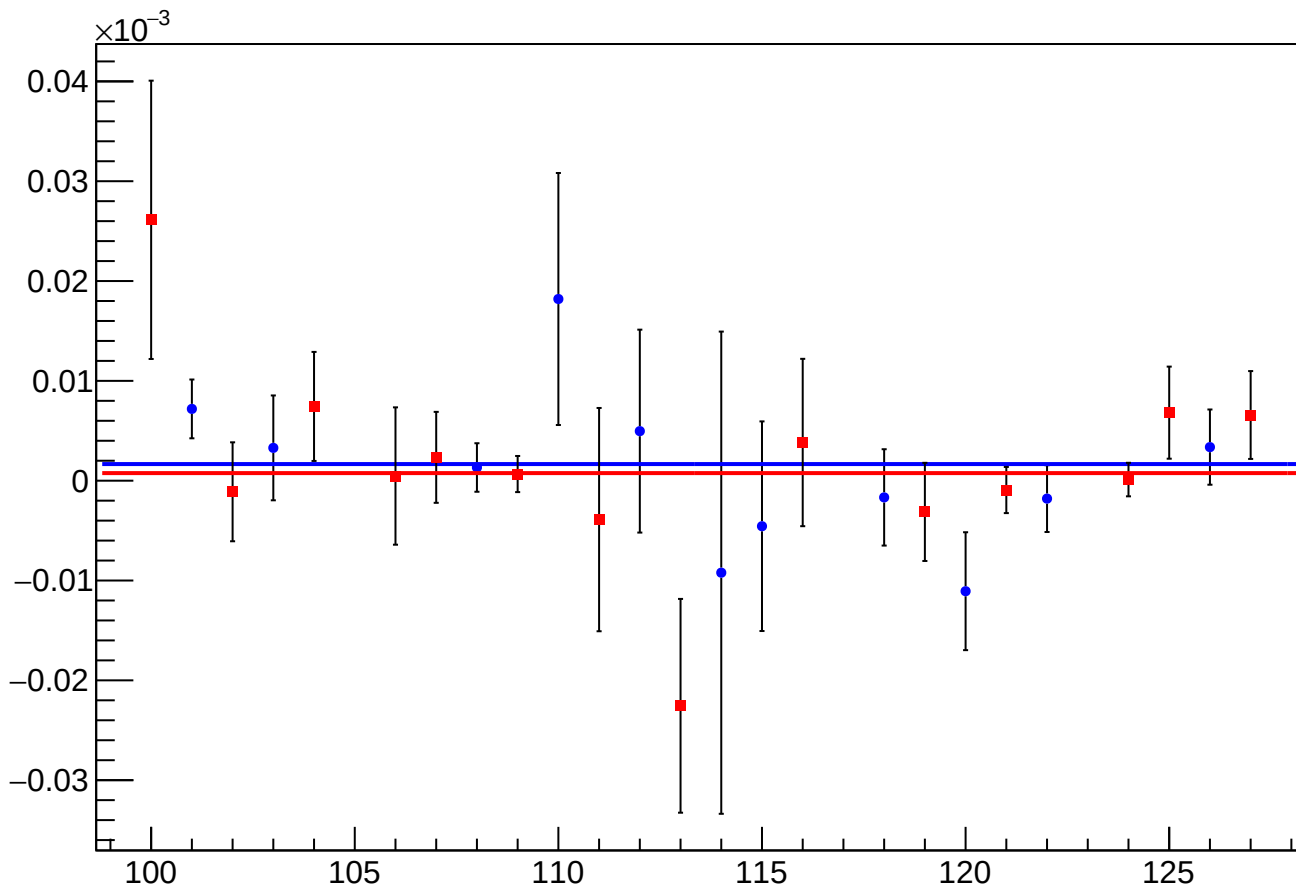
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.967+/-0.007 χ^2/NDF : 4932216.3/24

- 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: 12.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.9/13

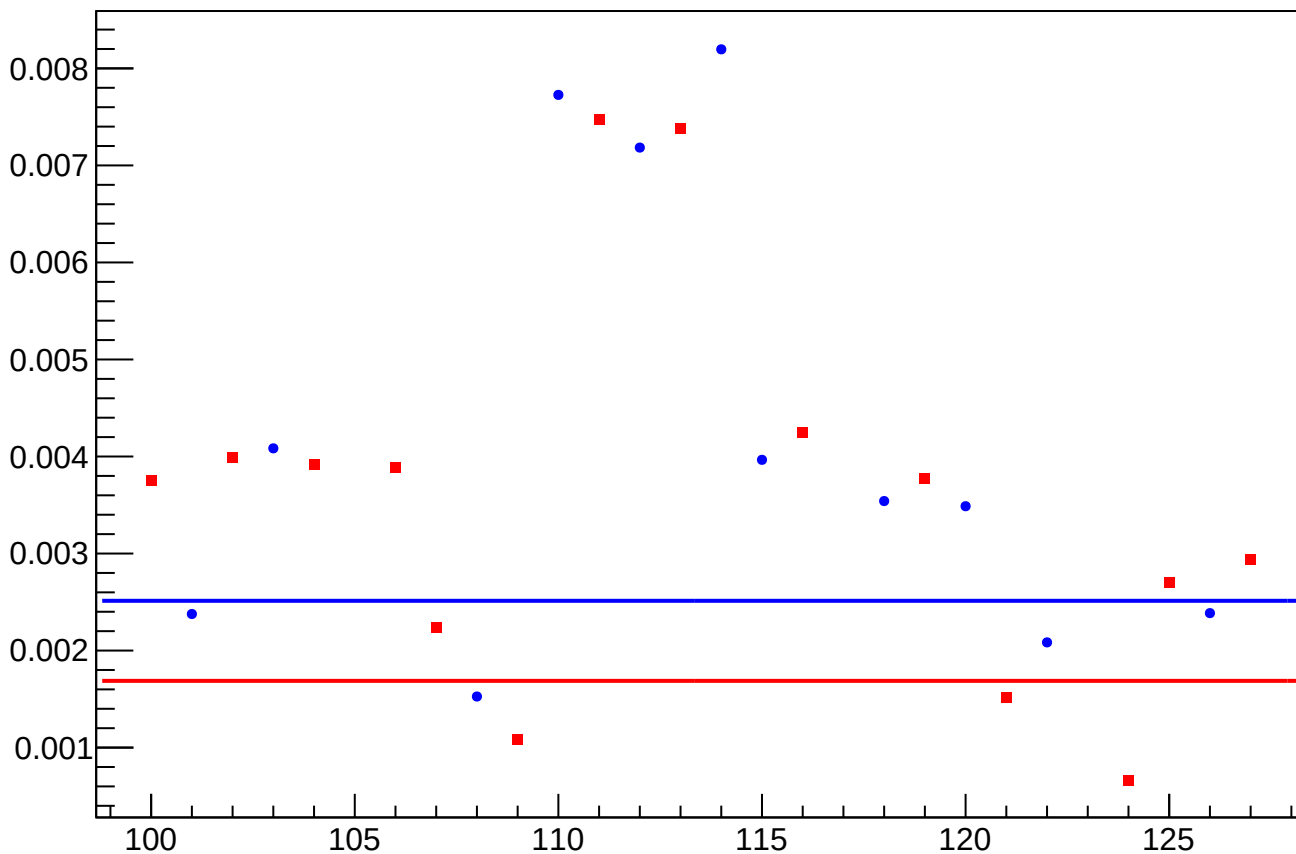
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 27.6/24

- 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 : 1606010.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3934768.8/13

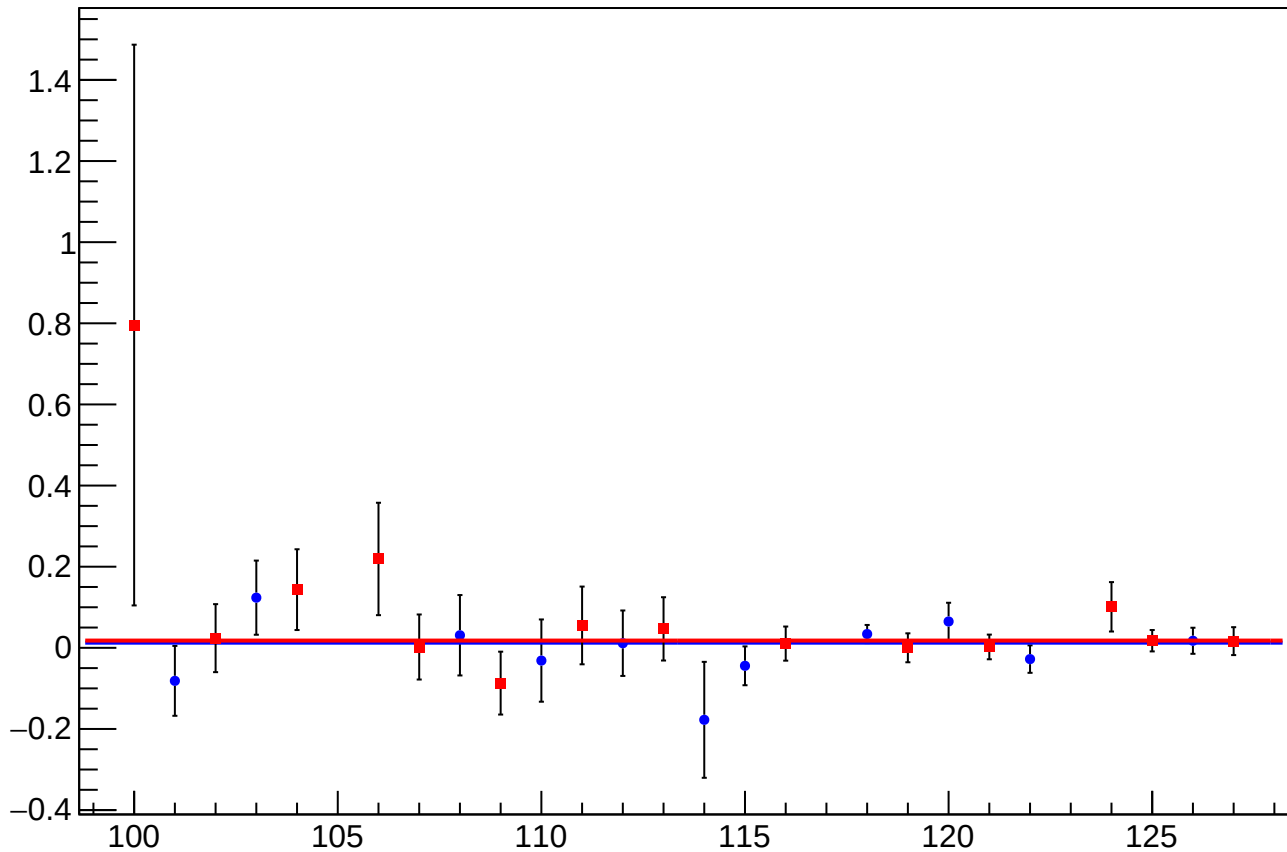
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6067650.3/24

- 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: 0.013 $\pm$ 0.014 χ^2 /NDF: 9.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.018 $\pm$ 0.013 χ^2 /NDF: 9.5/13

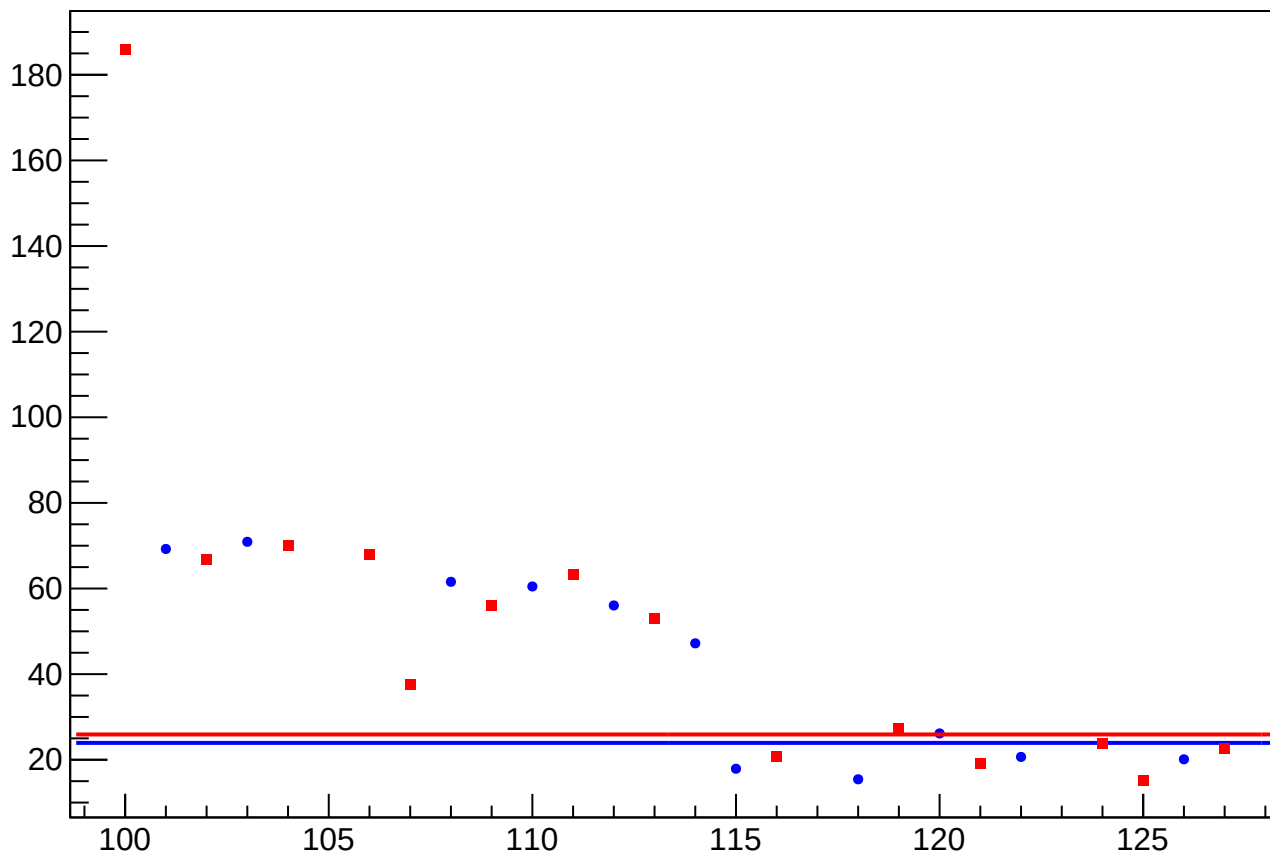
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.015 $\pm$ 0.009 χ^2 /NDF: 19.3/24

- 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: 23.940+/-0.010 χ^2/NDF : 2372281.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.911+/-0.009 χ^2/NDF : 2537893.9/13

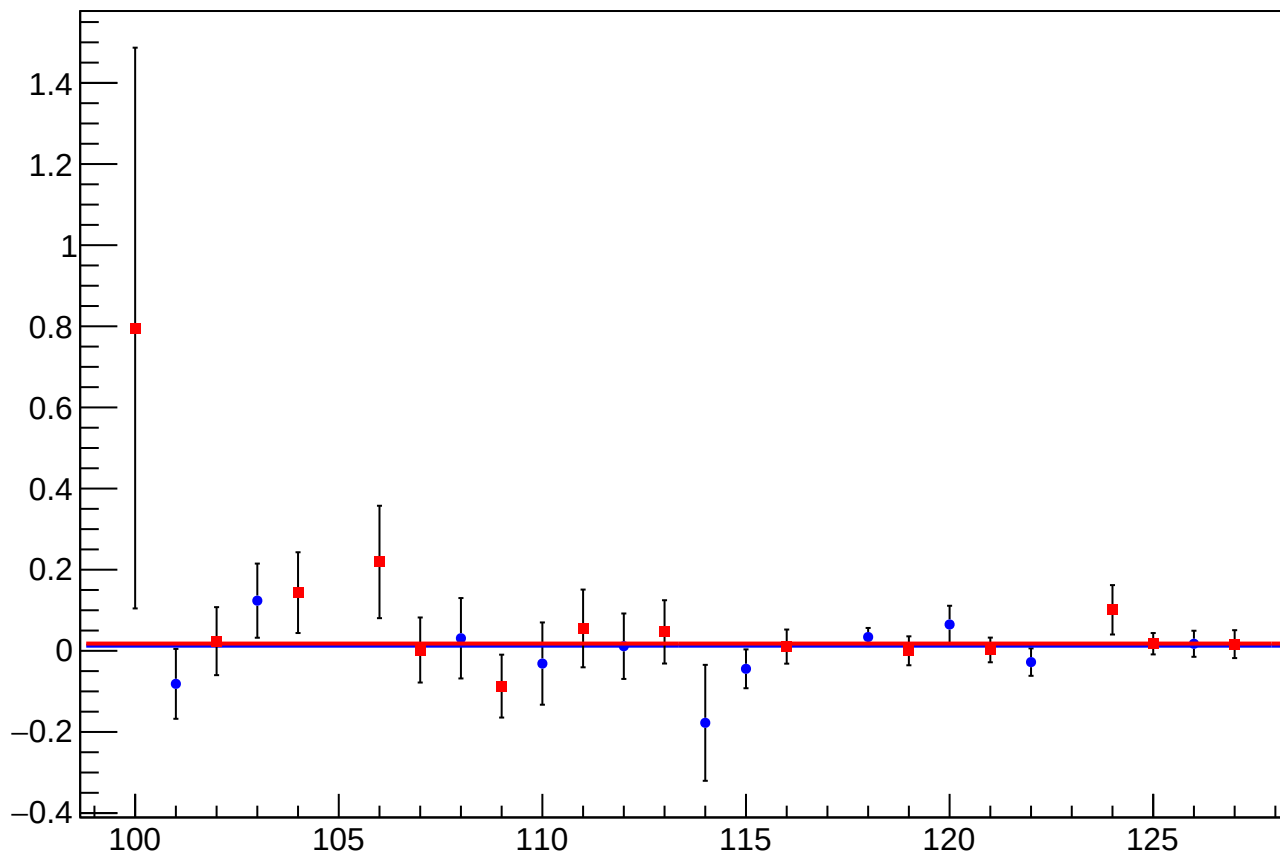
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.967+/-0.007 χ^2/NDF : 4932051.1/24

- 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: 0.013 $\pm$ 0.014 χ^2 /NDF: 9.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.018 $\pm$ 0.013 χ^2 /NDF: 9.5/13

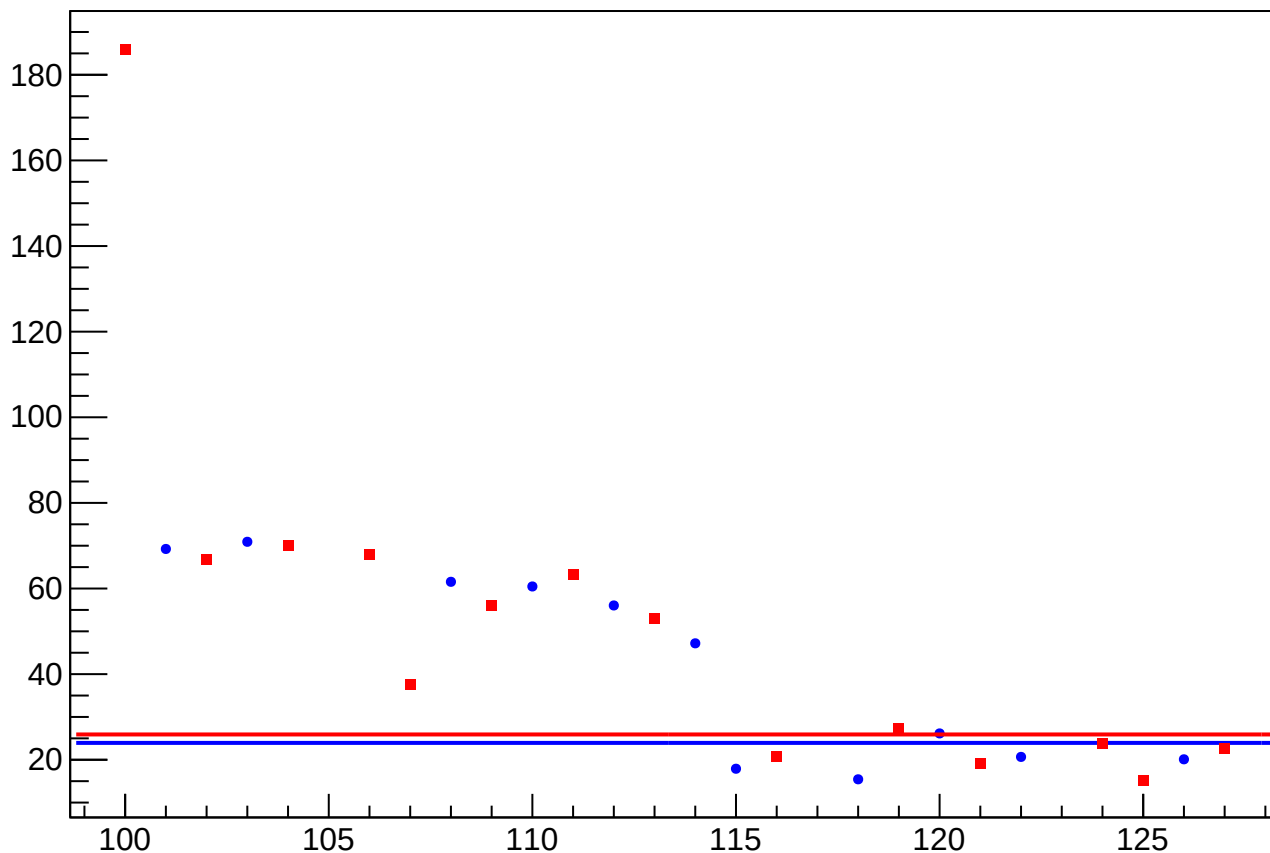
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.015 $\pm$ 0.009 χ^2 /NDF: 19.3/24

- 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: 23.940+/-0.010 χ^2/NDF : 2372281.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.911+/-0.009 χ^2/NDF : 2537893.9/13

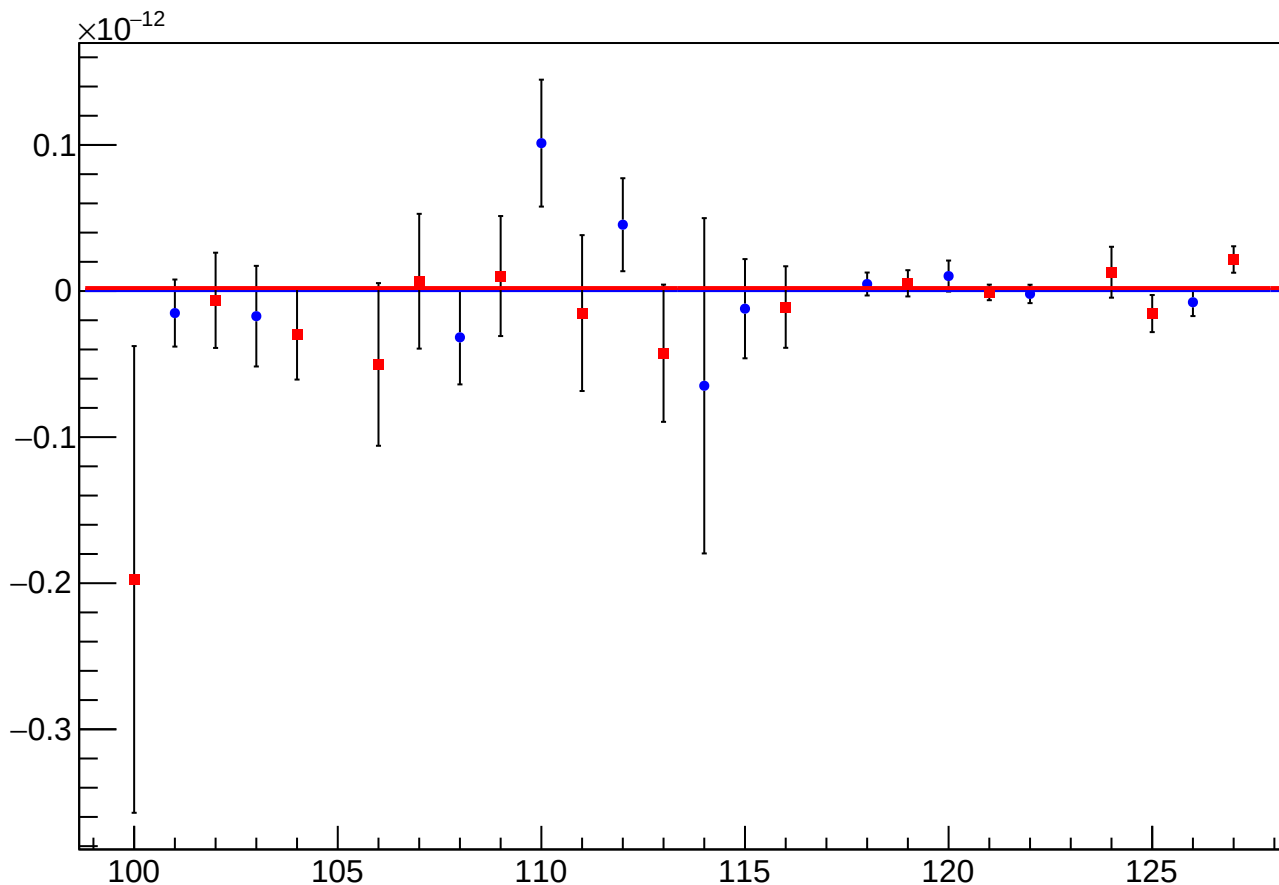
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.967+/-0.007 χ^2/NDF : 4932051.1/24

- 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: 11.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.2/13

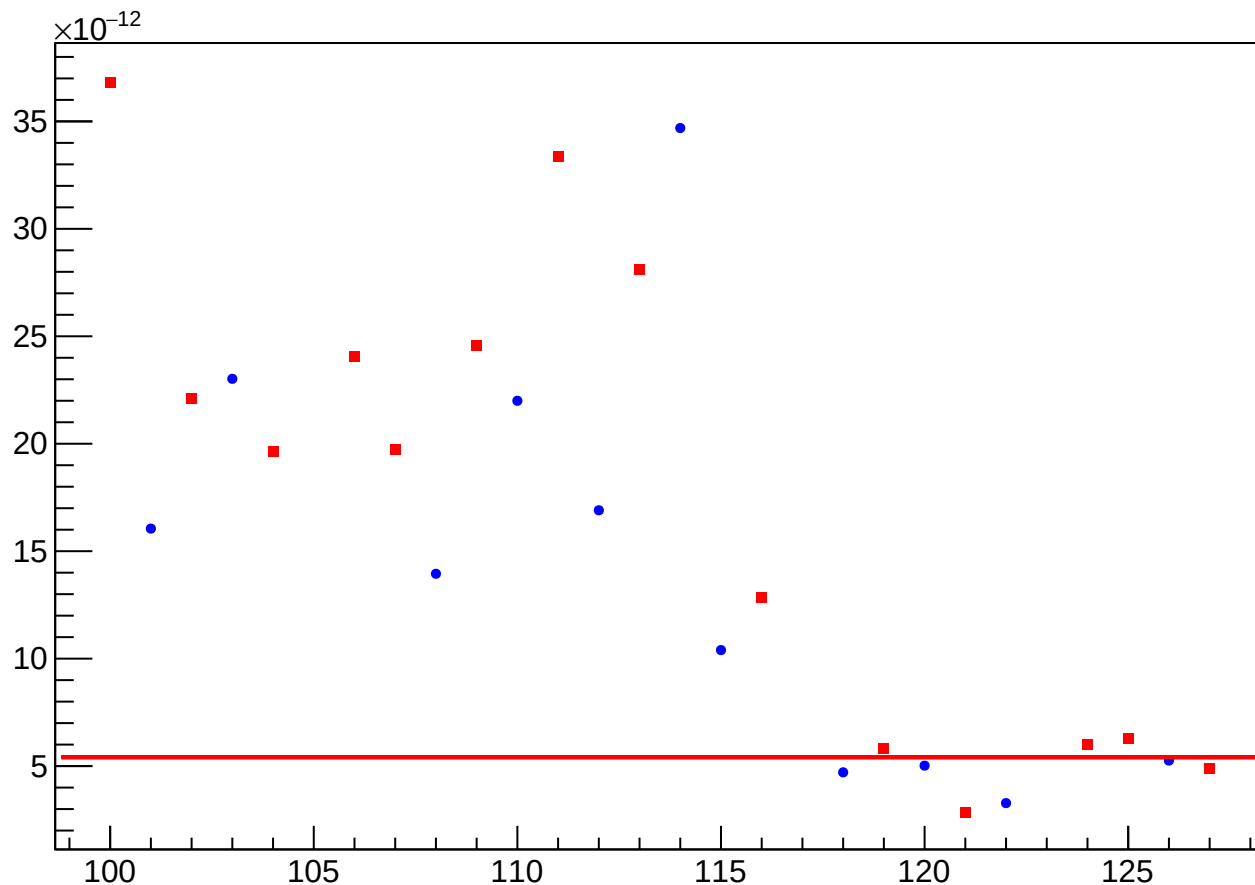
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.8/24

- 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 : 2067856.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3523385.2/13

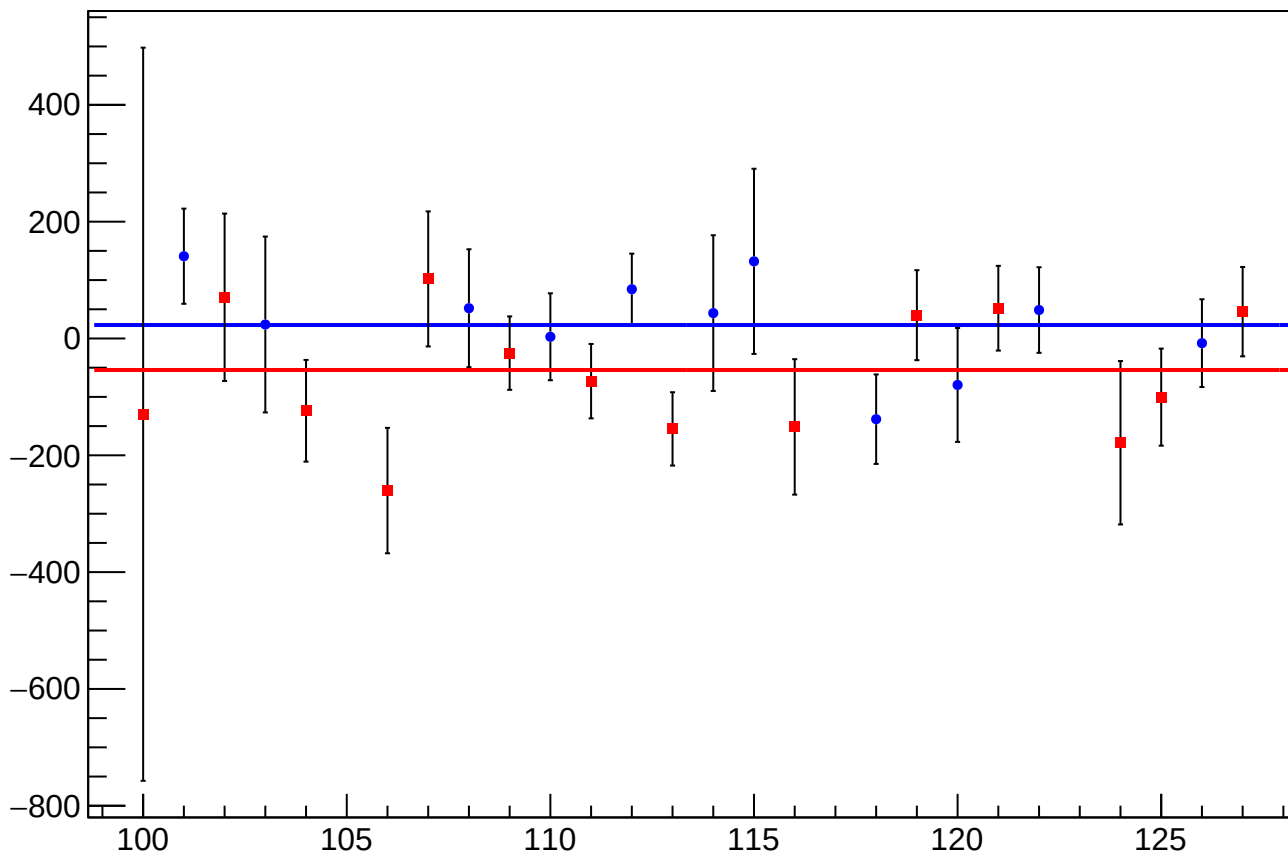
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5591271.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_mean vs Slug



Right In: 23.061+/-26.008 χ^2/NDF : 9.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -53.913+/-22.955 χ^2/NDF : 16.9/13

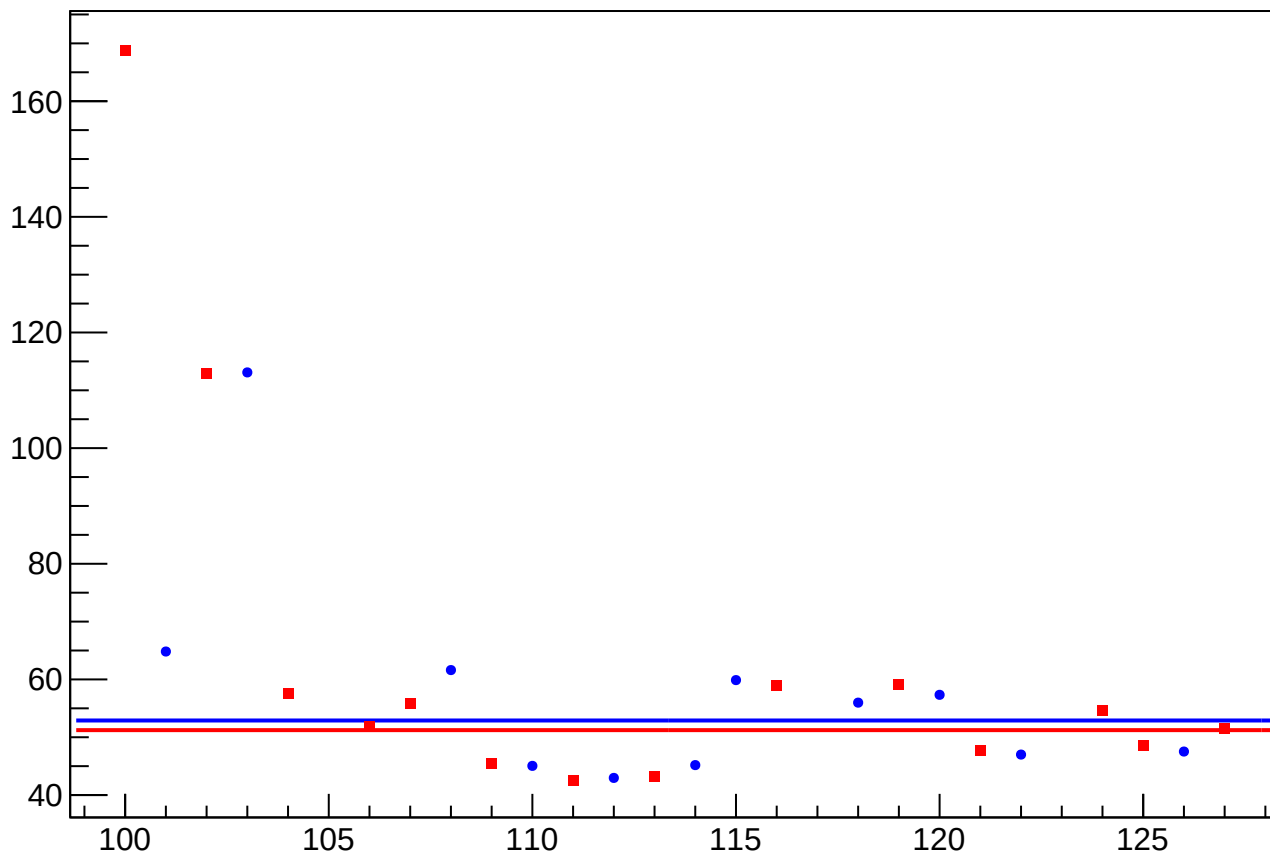
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.206+/-17.210 χ^2/NDF : 31.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_rms vs Slug



Right In: 52.898+/-0.018 χ^2/NDF : 494162.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.229+/-0.016 χ^2/NDF : 580253.3/13

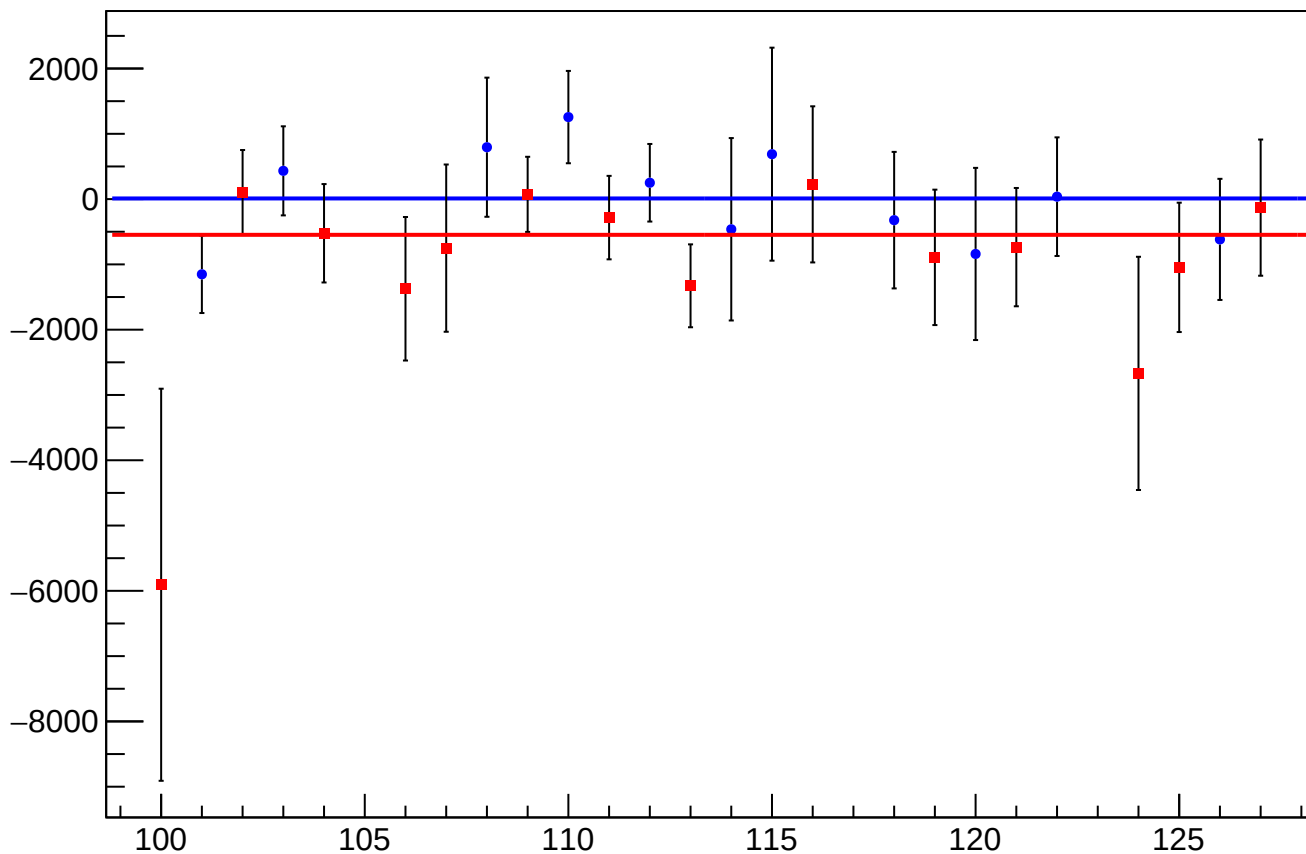
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.960+/-0.012 χ^2/NDF : 1079043.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_reg_correction_mean vs Slug



Right In: 9.931 $\pm$ 254.386 χ^2 /NDF: 9.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -547.210 $\pm$ 230.829 χ^2 /NDF: 10.1/13

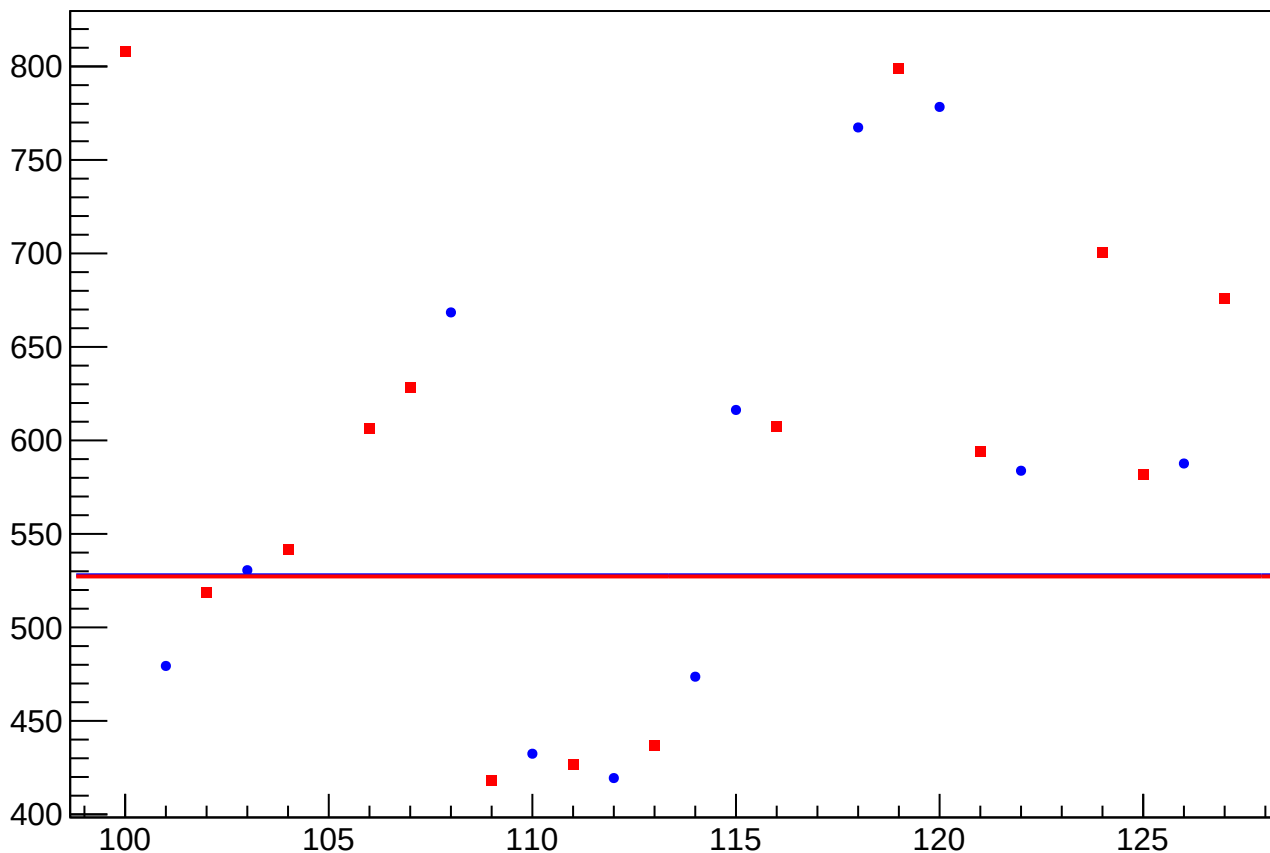
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -295.626 $\pm$ 170.944 χ^2 /NDF: 22.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_reg_correction_rms vs Slug



Right In: 527.864+/-0.180 χ^2/NDF : 353120.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 527.249+/-0.163 χ^2/NDF : 425436.6/13

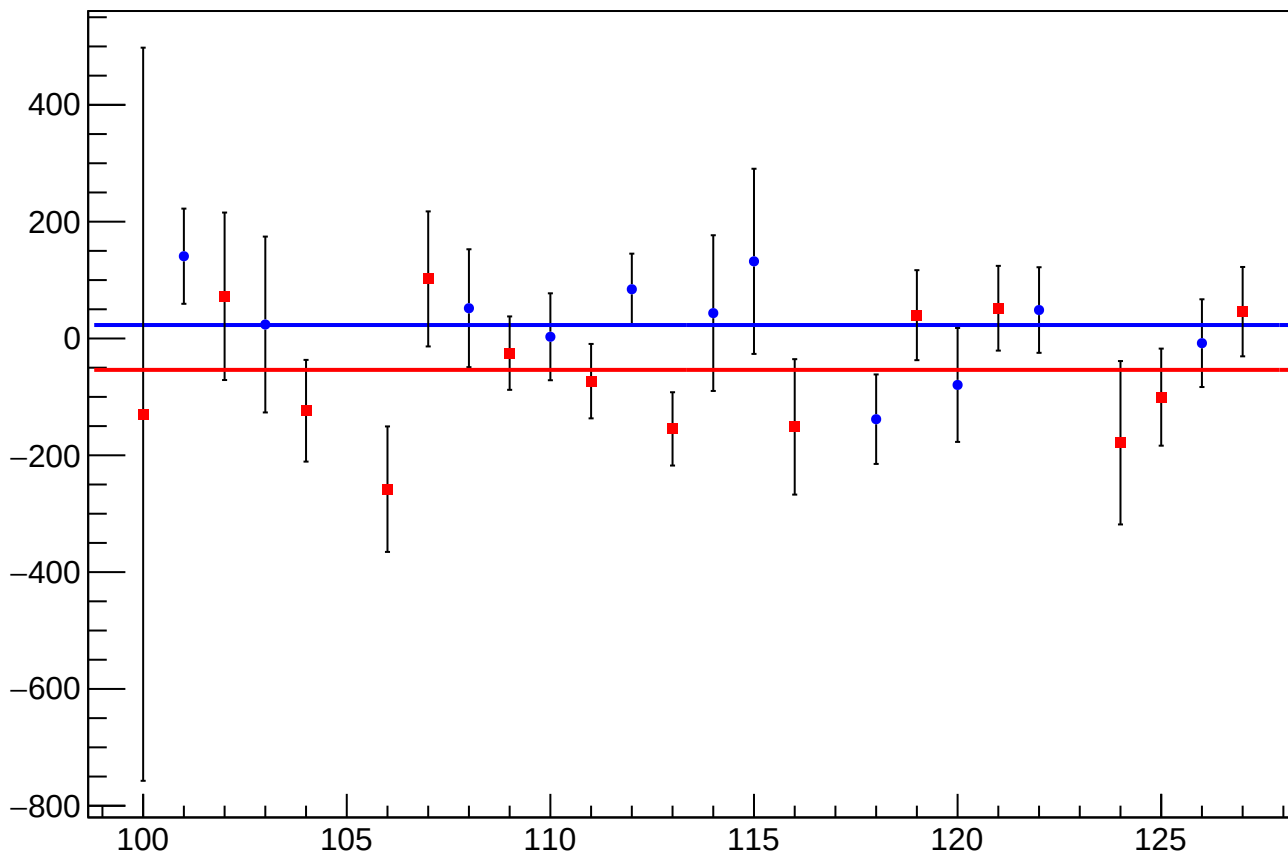
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 527.527+/-0.121 χ^2/NDF : 778563.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_1357_avg_mean vs Slug



Right In: 23.056+/-26.008 χ^2/NDF : 9.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -53.750+/-22.956 χ^2/NDF : 16.9/13

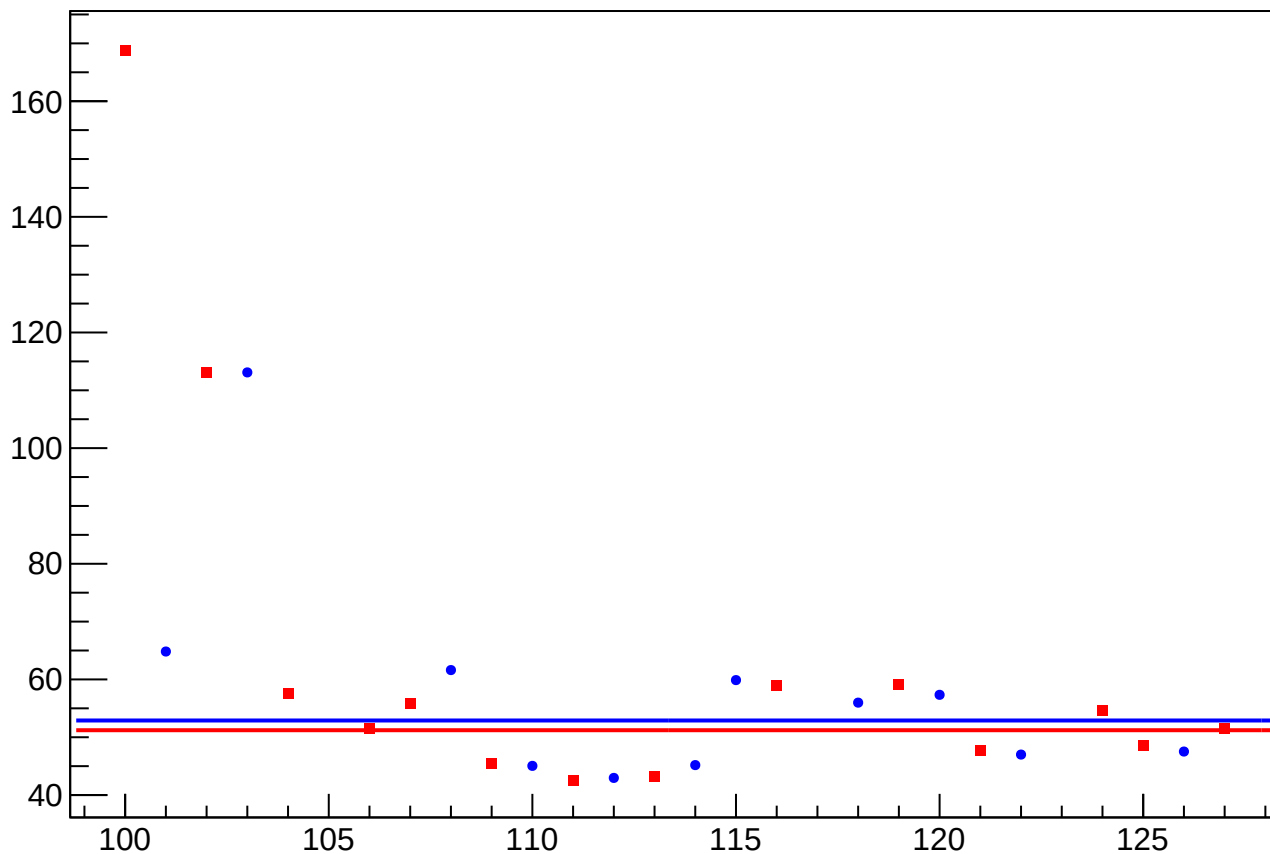
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.116+/-17.211 χ^2/NDF : 31.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_1357_avg_rms vs Slug



Right In: 52.898+/-0.018 χ^2/NDF : 494164.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.215+/-0.016 χ^2/NDF : 580438.5/13

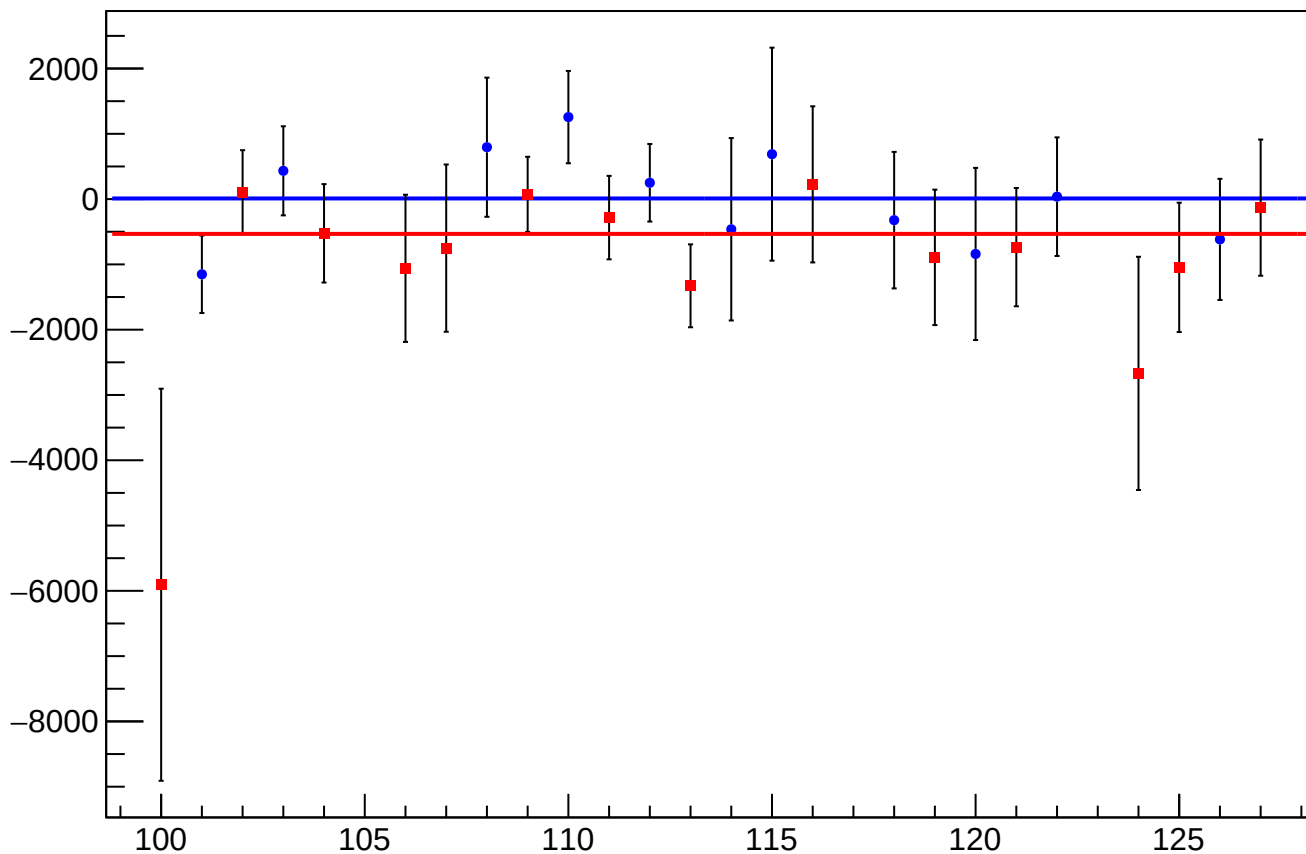
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.952+/-0.012 χ^2/NDF : 1079309.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_cor_correction_mean vs Slug



Right In: 9.968 $\pm$ 254.390 χ^2 /NDF: 9.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -532.864 $\pm$ 231.109 χ^2 /NDF: 9.7/13

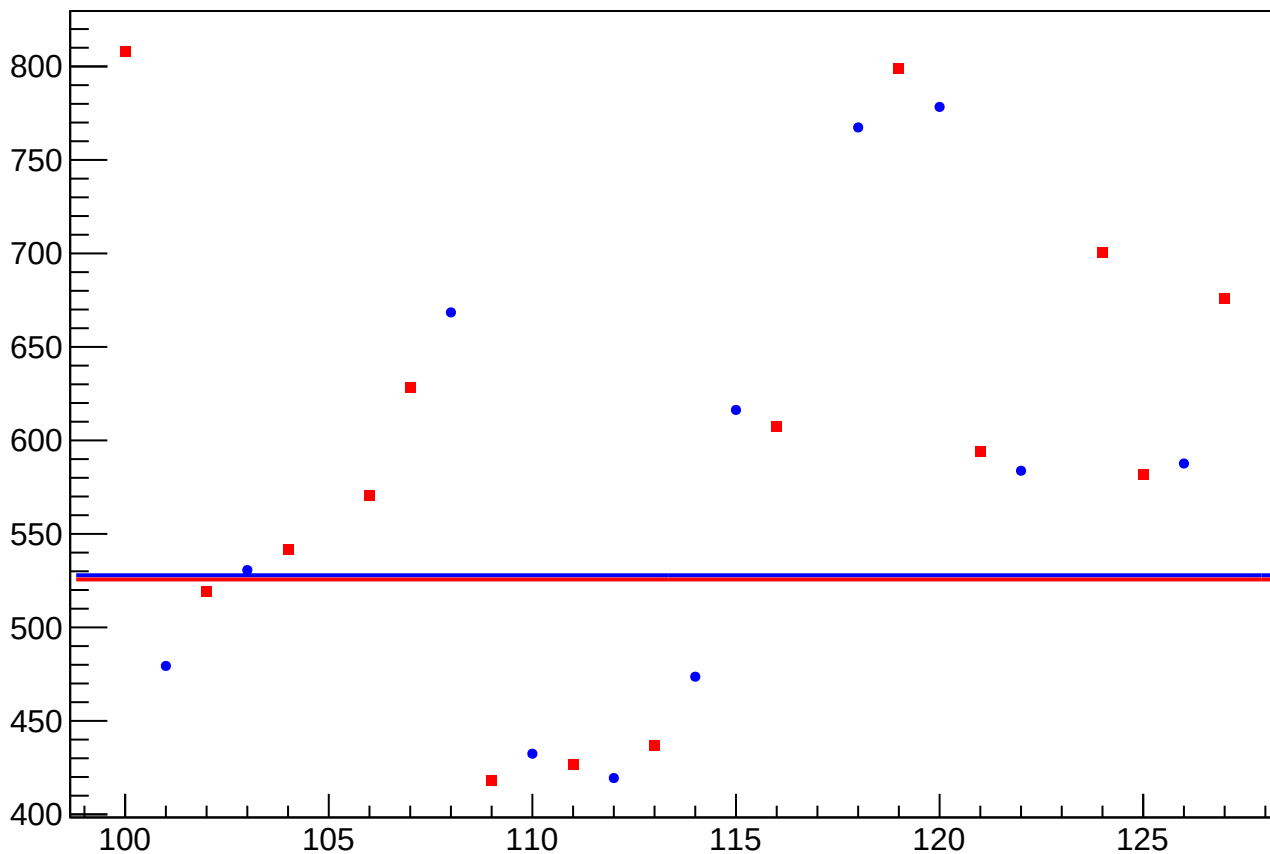
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -287.420 $\pm$ 171.059 χ^2 /NDF: 21.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_cor_correction_rms vs Slug



Right In: 527.872 $\pm$ 0.180 χ^2 /NDF: 353121.2/10

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

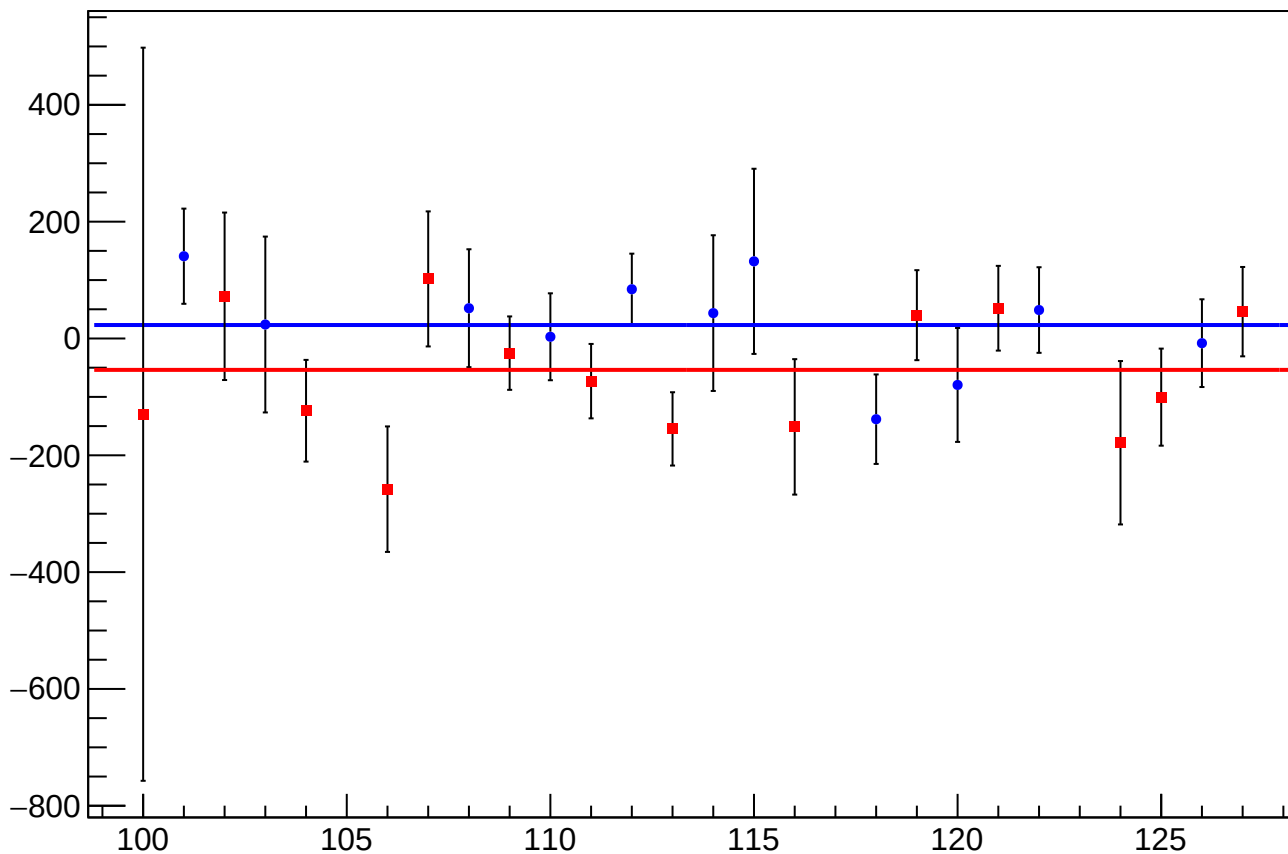
Right Out: 525.650 $\pm$ 0.163 χ^2 /NDF: 417965.0/13

All: 526.655 $\pm$ 0.121 χ^2 /NDF: 771169.8/24

- 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_sam_1357_avg_mean vs Slug



Right In: 23.056 $\pm$ 26.008 χ^2 /NDF: 9.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -53.750 $\pm$ 22.956 χ^2 /NDF: 16.9/13

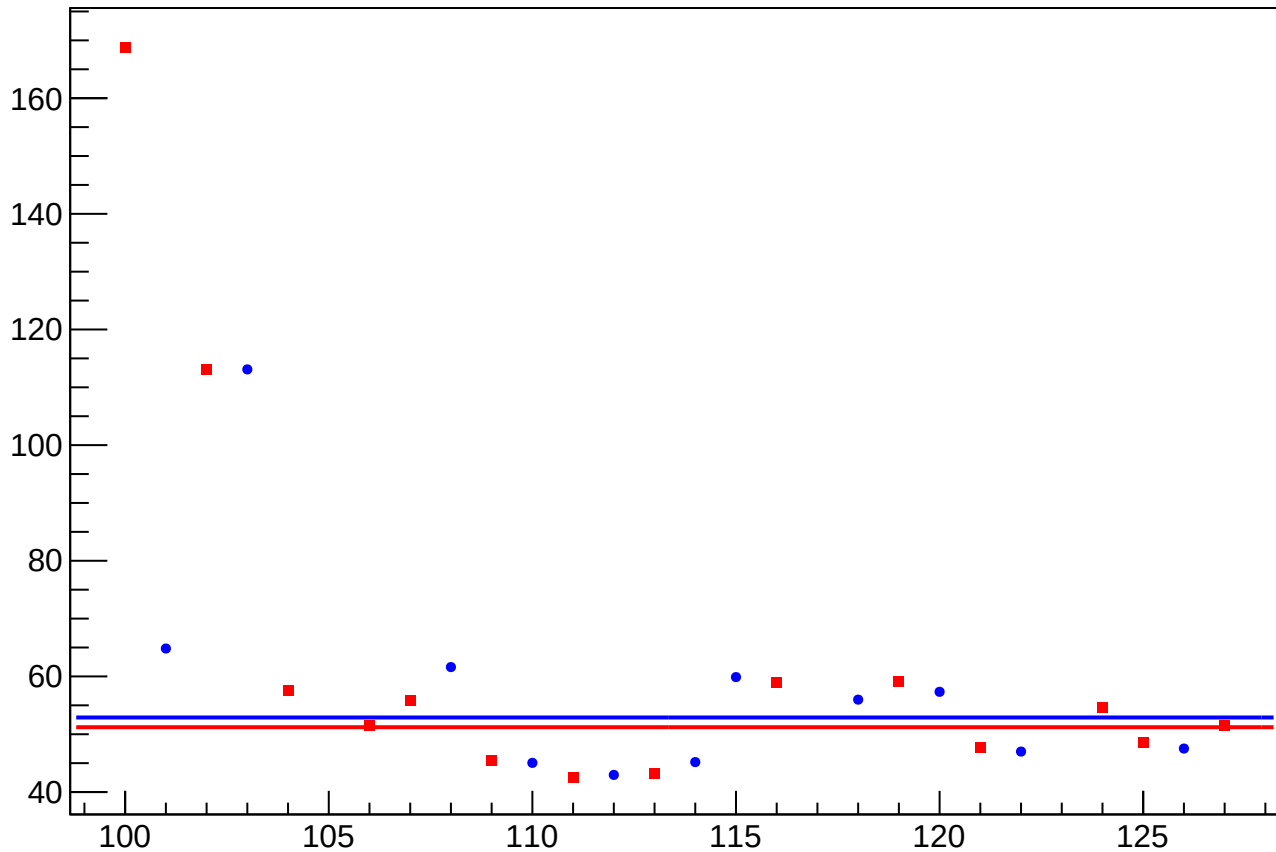
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -20.116 $\pm$ 17.211 χ^2 /NDF: 31.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_1357_avg_rms vs Slug



Right In: 52.898+/-0.018 χ^2/NDF : 494164.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.215+/-0.016 χ^2/NDF : 580438.5/13

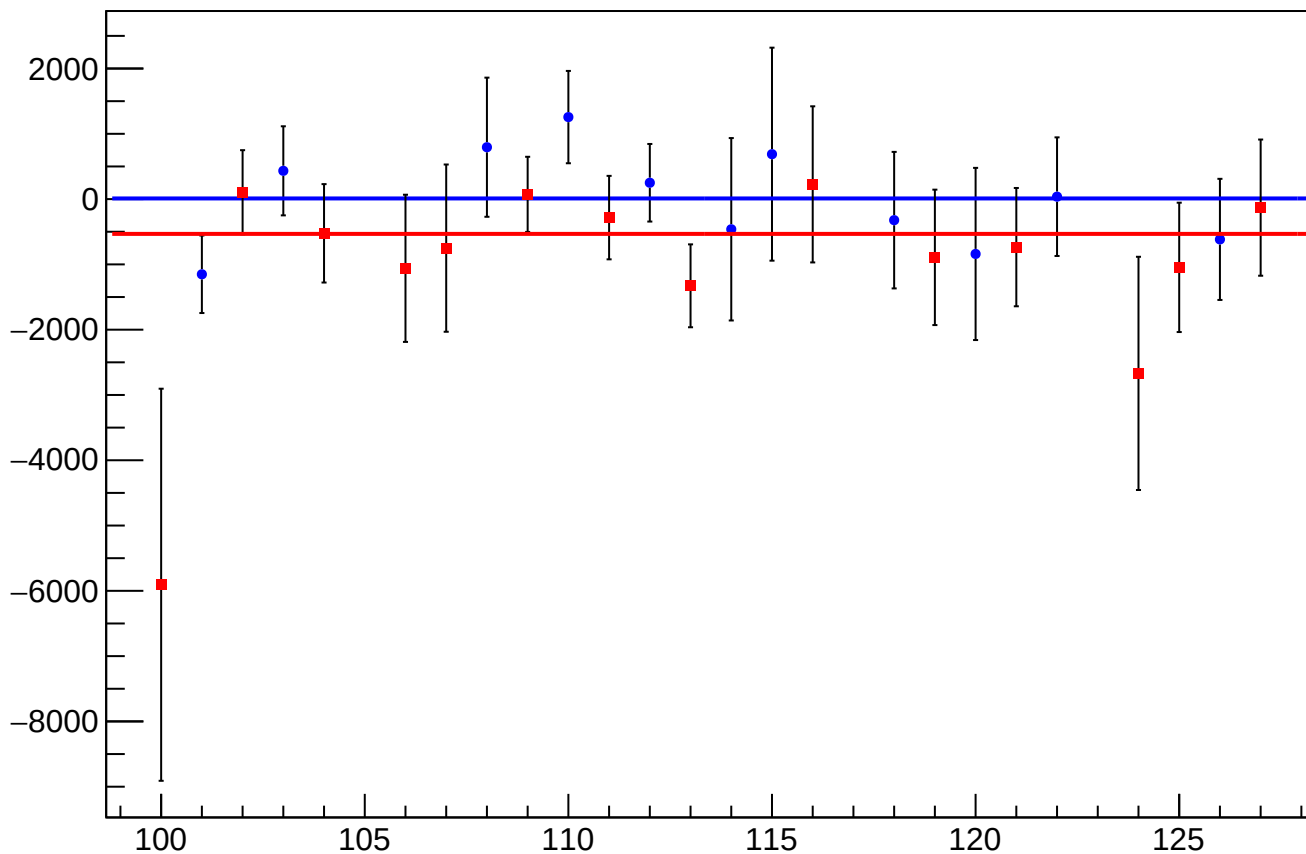
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.952+/-0.012 χ^2/NDF : 1079309.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_eigen_cor_correction_mean vs Slug



Right In: 9.968 $\pm$ 254.390 χ^2 /NDF: 9.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -532.864 $\pm$ 231.109 χ^2 /NDF: 9.7/13

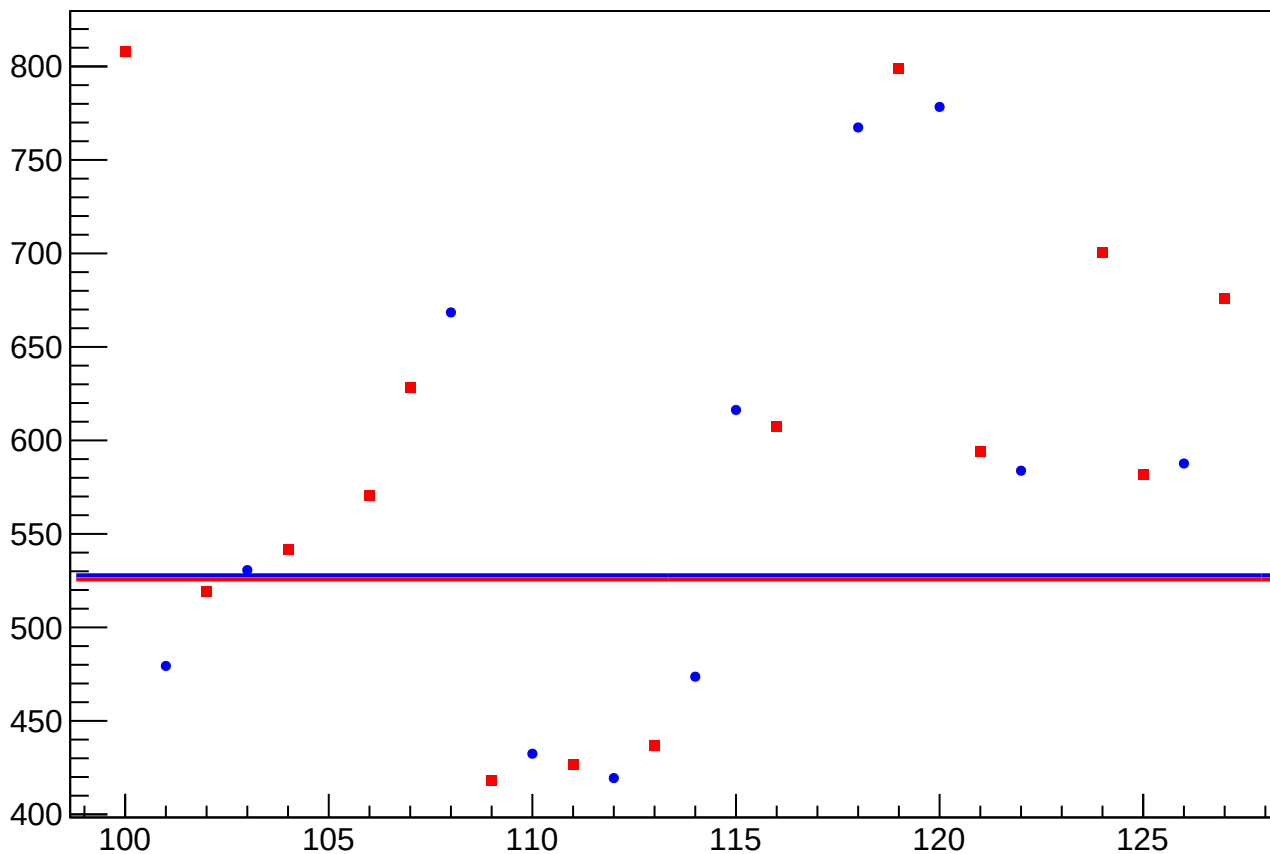
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -287.420 $\pm$ 171.059 χ^2 /NDF: 21.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_eigen_cor_correction_rms vs Slug



Right In: 527.872 $\pm$ 0.180 χ^2 /NDF: 353121.2/10

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

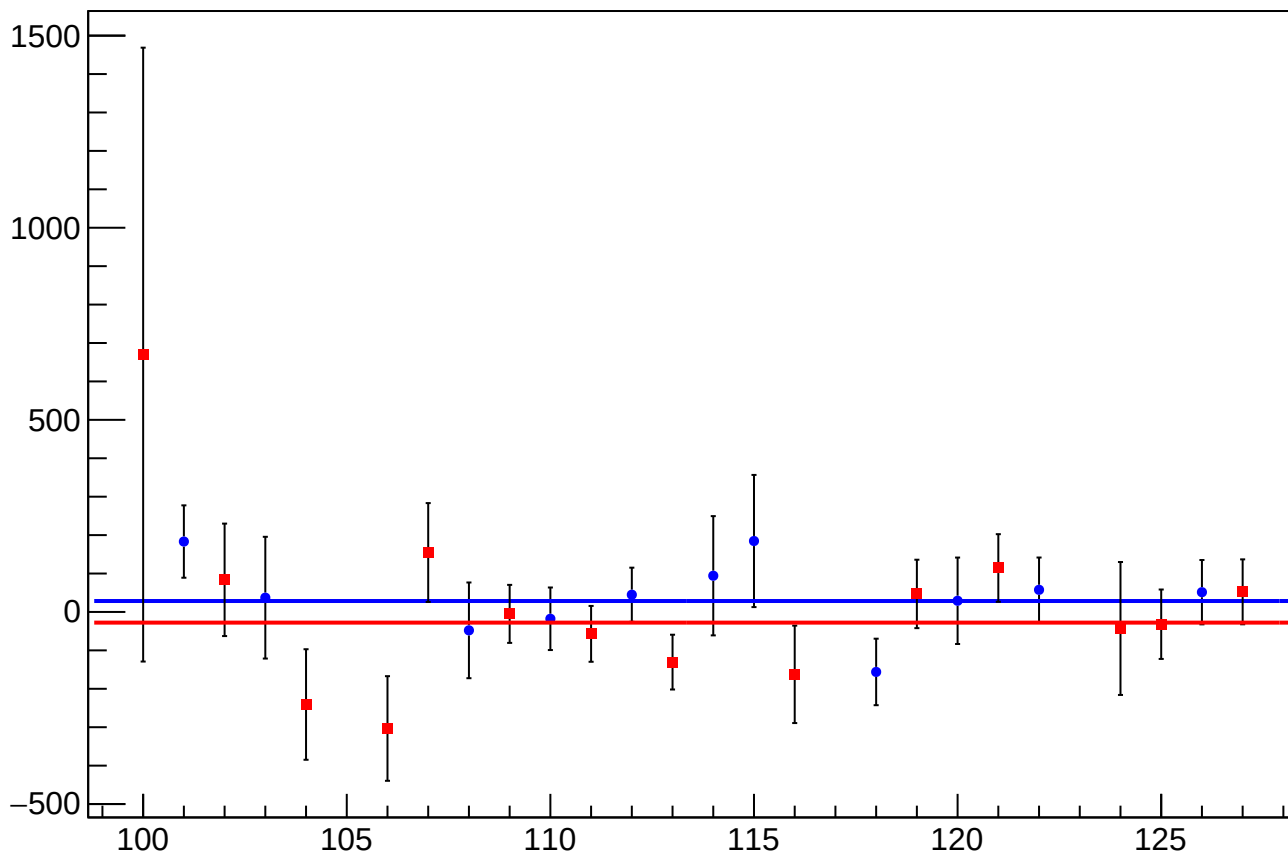
Right Out: 525.650 $\pm$ 0.163 χ^2 /NDF: 417965.0/13

All: 526.655 $\pm$ 0.121 χ^2 /NDF: 771169.8/24

- 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

dit_asym_sam_1357_avg_mean vs Slug



Right In: 28.467 $\pm$ 29.598 χ^2 /NDF: 9.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -27.777 $\pm$ 26.862 χ^2 /NDF: 17.3/13

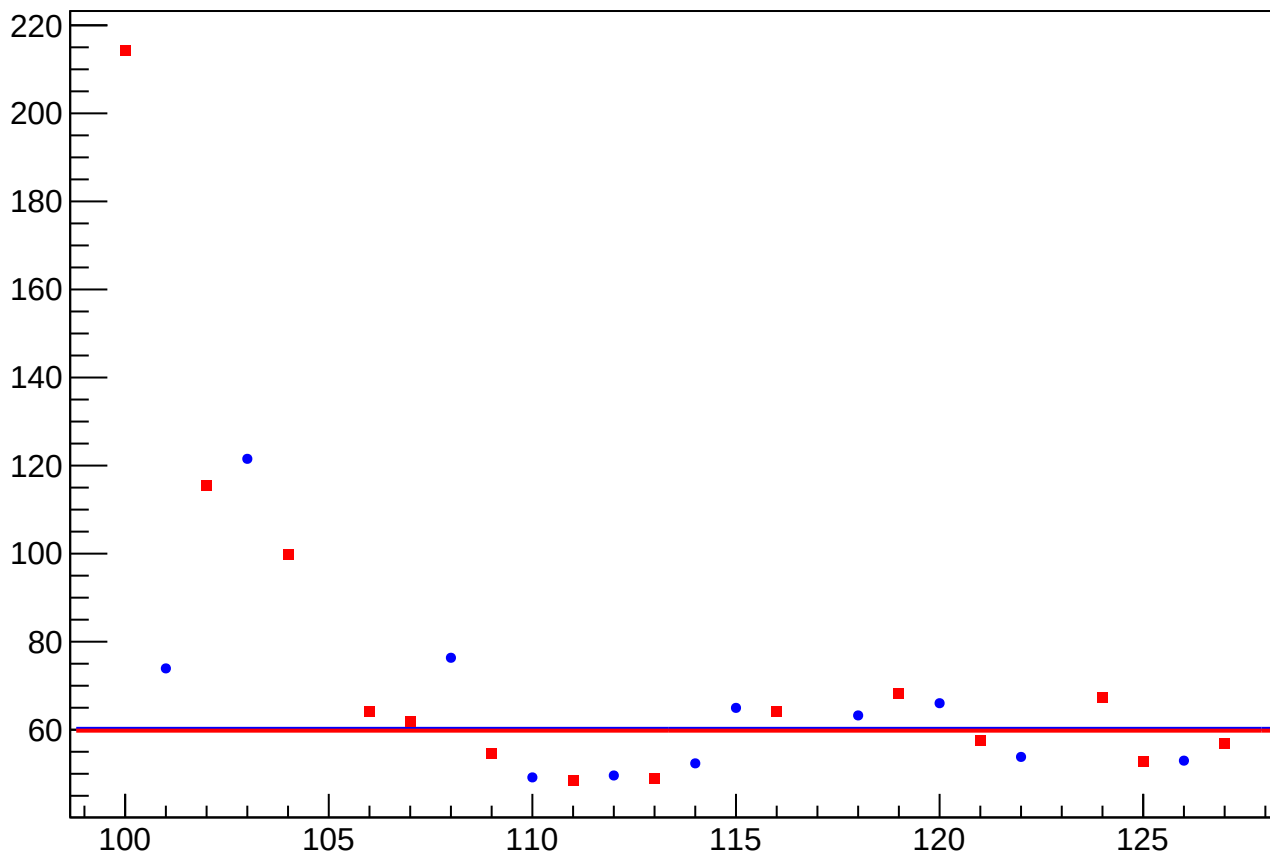
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2.374 $\pm$ 19.891 χ^2 /NDF: 28.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_1357_avg_rms vs Slug



Right In: 60.207+/-0.021 χ^2/NDF : 498524.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.795+/-0.019 χ^2/NDF : 666409.0/13

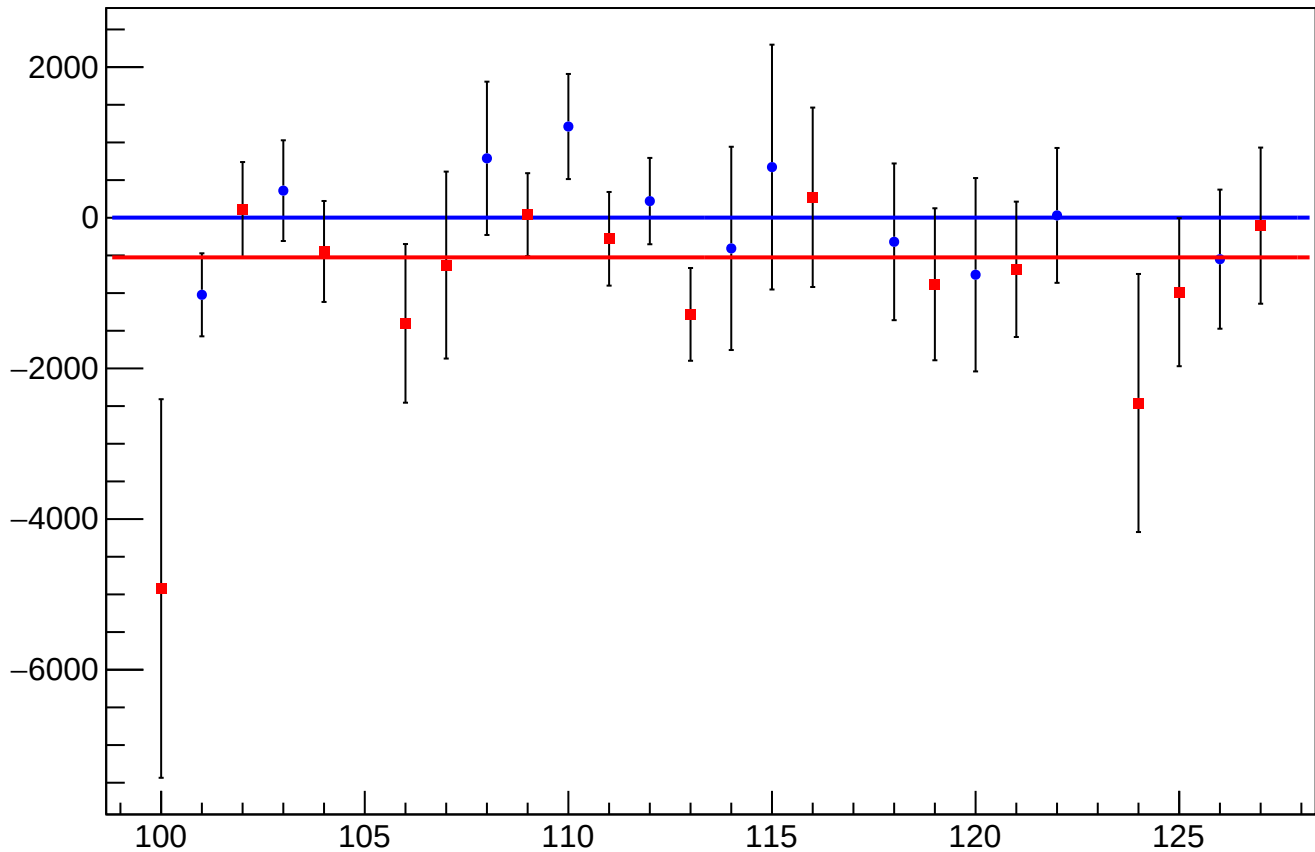
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.981+/-0.014 χ^2/NDF : 1165146.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_dit_correction_mean vs Slug



Right In: 2.162+/-246.385 χ^2/NDF : 8.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -525.765+/-222.476 χ^2/NDF : 9.8/13

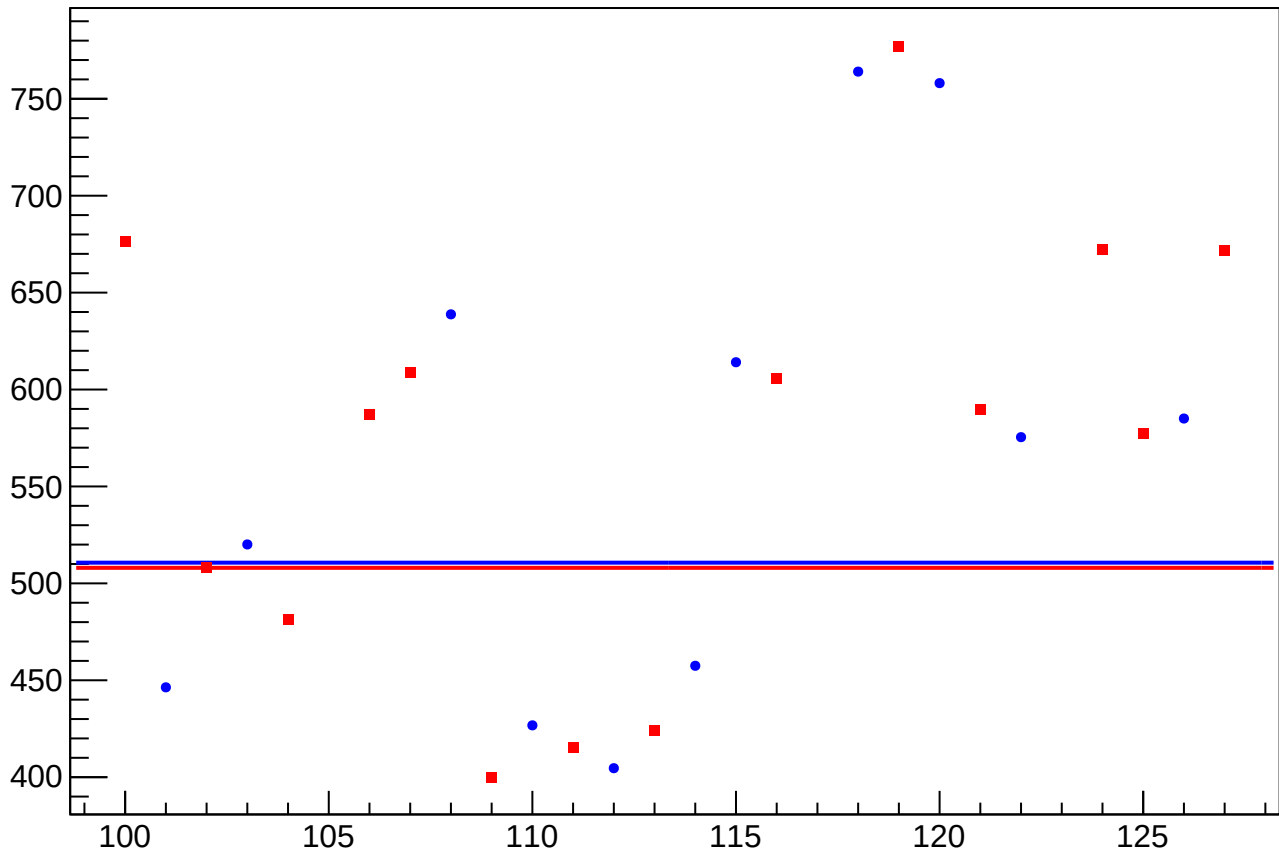
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -288.653+/-165.122 χ^2/NDF : 20.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_dit_correction_rms vs Slug



Right In: 510.678+/-0.174 χ^2/NDF : 384307.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 508.022+/-0.157 χ^2/NDF : 445787.1/13

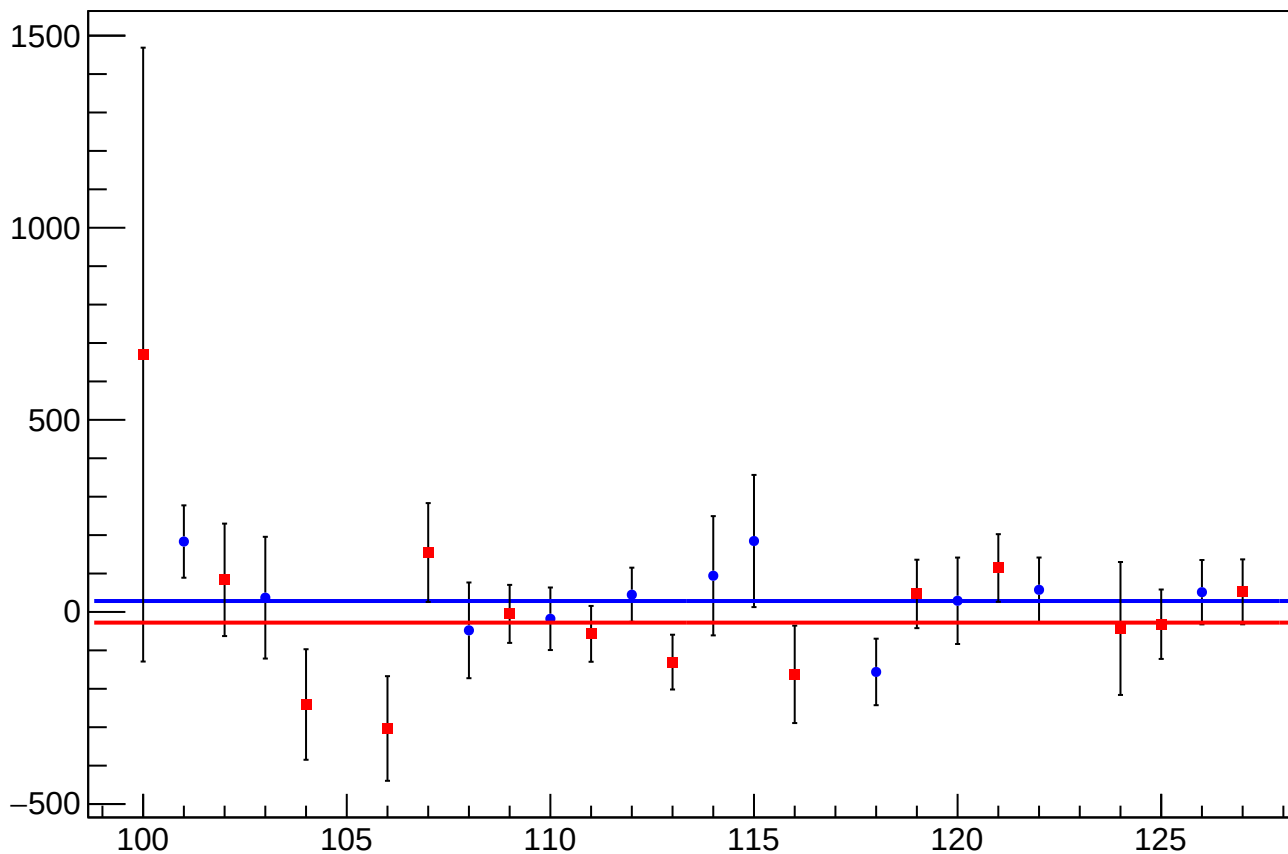
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 509.215+/-0.117 χ^2/NDF : 830222.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1357_avg_mean vs Slug



Right In: 28.466+/-29.598 χ^2/NDF : 9.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -27.775+/-26.862 χ^2/NDF : 17.3/13

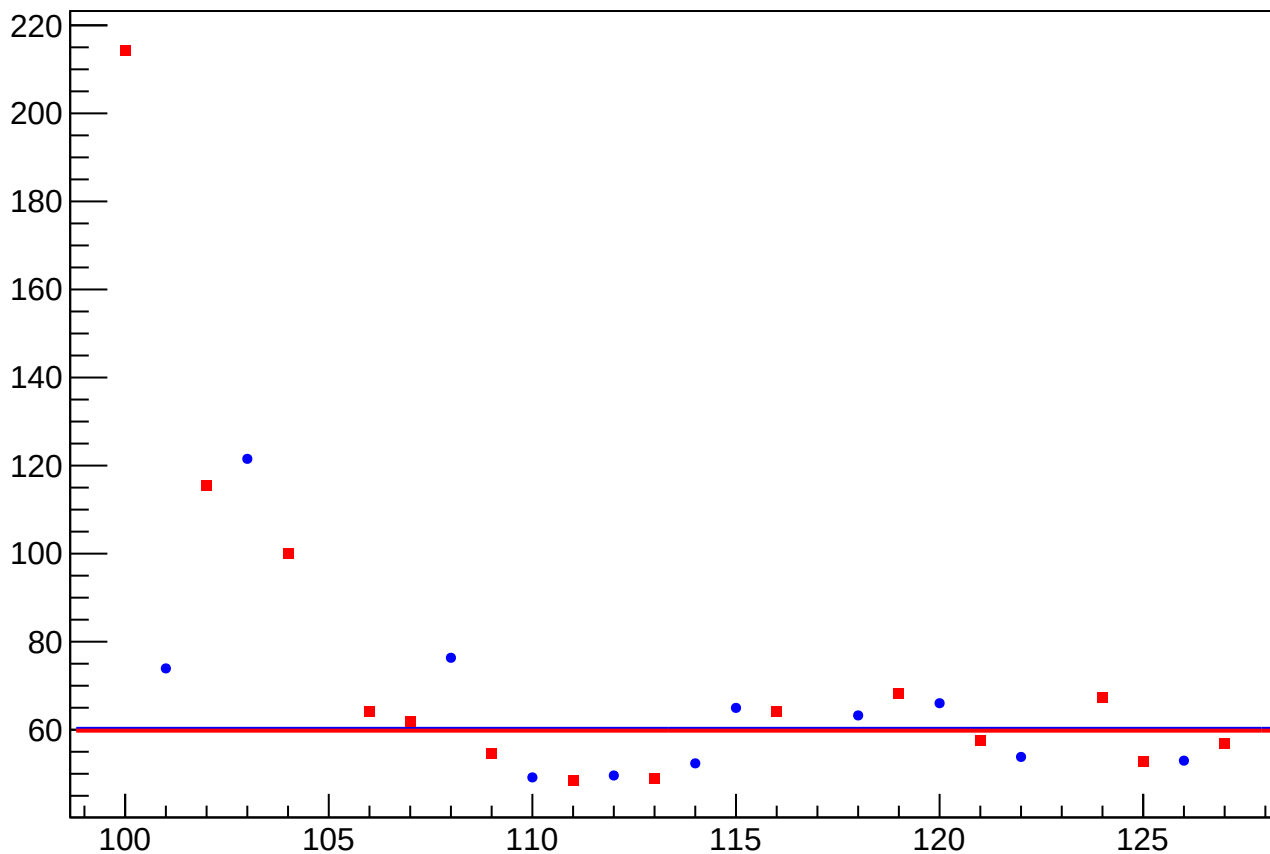
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.373+/-19.891 χ^2/NDF : 28.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1357_avg_rms vs Slug



Right In: 60.207+/-0.021 χ^2/NDF : 498522.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.795+/-0.019 χ^2/NDF : 666407.9/13

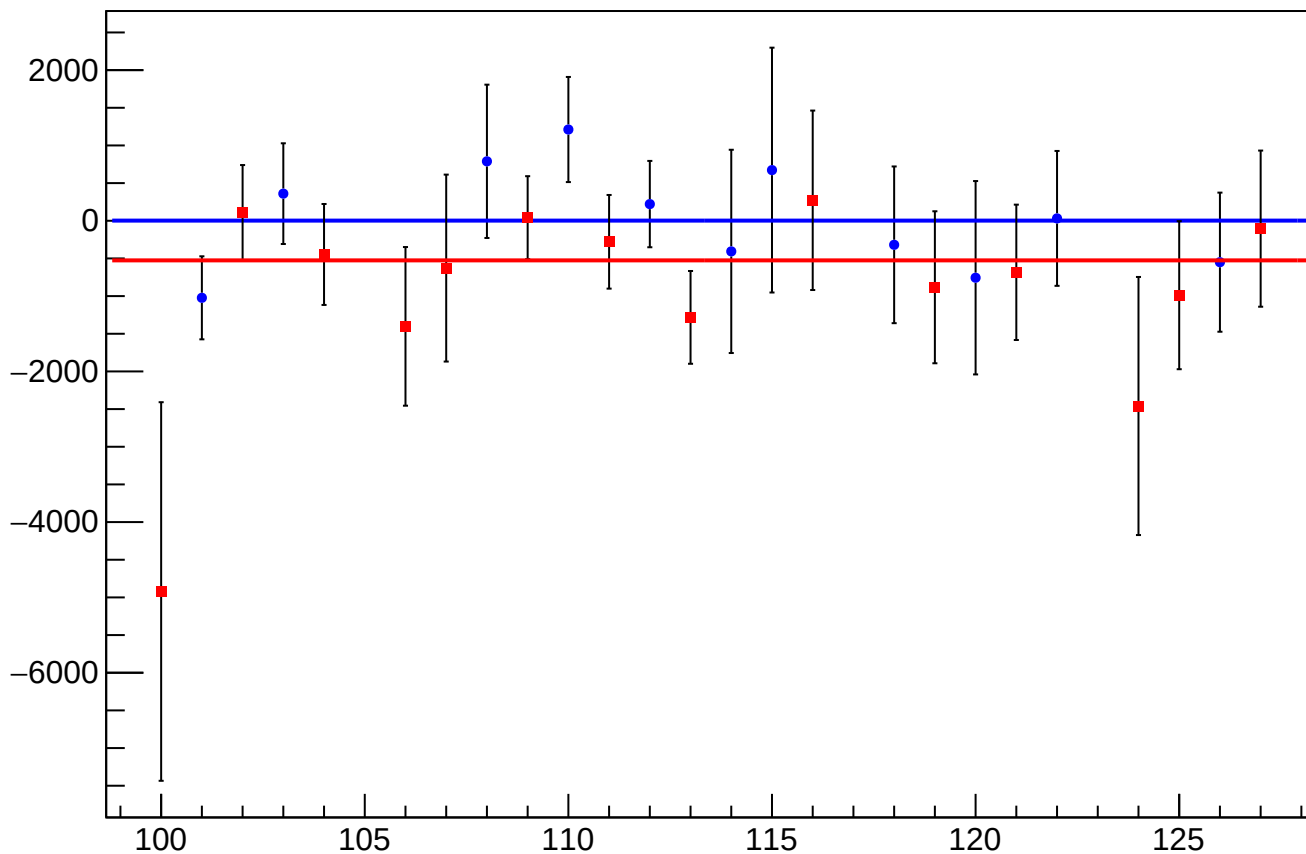
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.981+/-0.014 χ^2/NDF : 1165143.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_eigen_dit_correction_mean vs Slug



Right In: 2.161+/-246.384 χ^2/NDF : 8.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -525.763+/-222.475 χ^2/NDF : 9.8/13

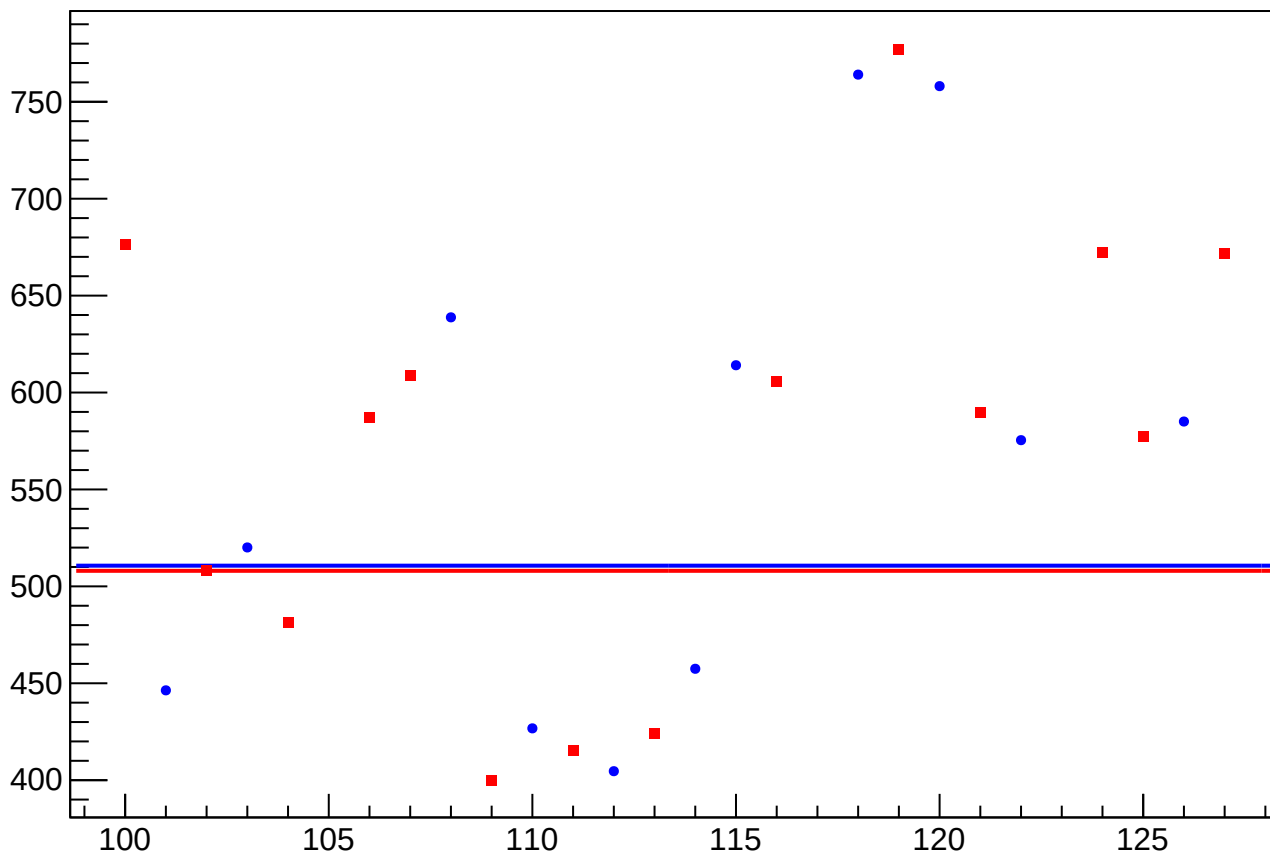
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -288.652+/-165.121 χ^2/NDF : 20.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_eigen_dit_correction_rms vs Slug



Right In: 510.677 $\pm$ 0.174 χ^2 /NDF: 384311.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 508.020 $\pm$ 0.157 χ^2 /NDF: 445788.3/13

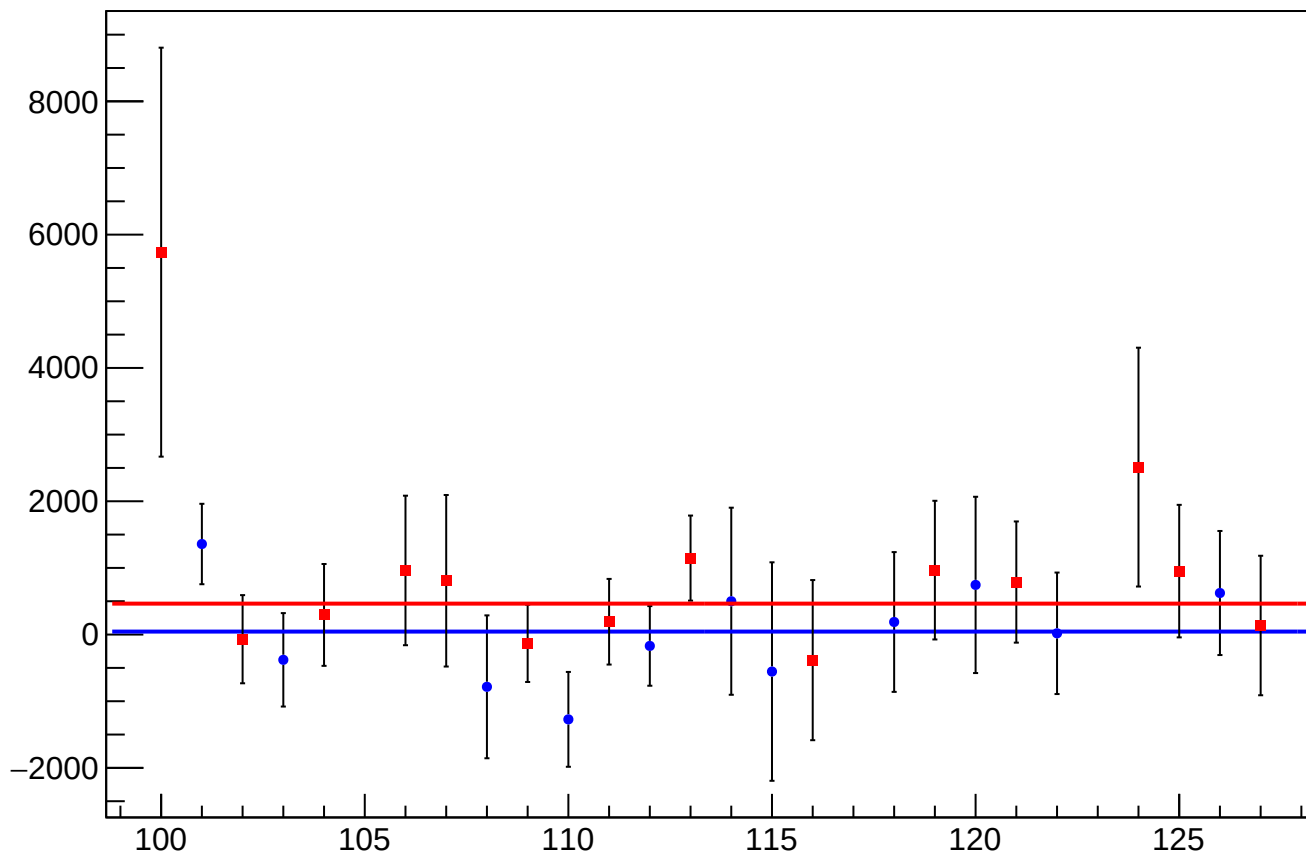
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 509.213 $\pm$ 0.117 χ^2 /NDF: 830228.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_mean vs Slug



Right In: 44.800 $\pm$ 256.905 χ^2 /NDF: 10.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 464.141 $\pm$ 232.981 χ^2 /NDF: 8.8/13

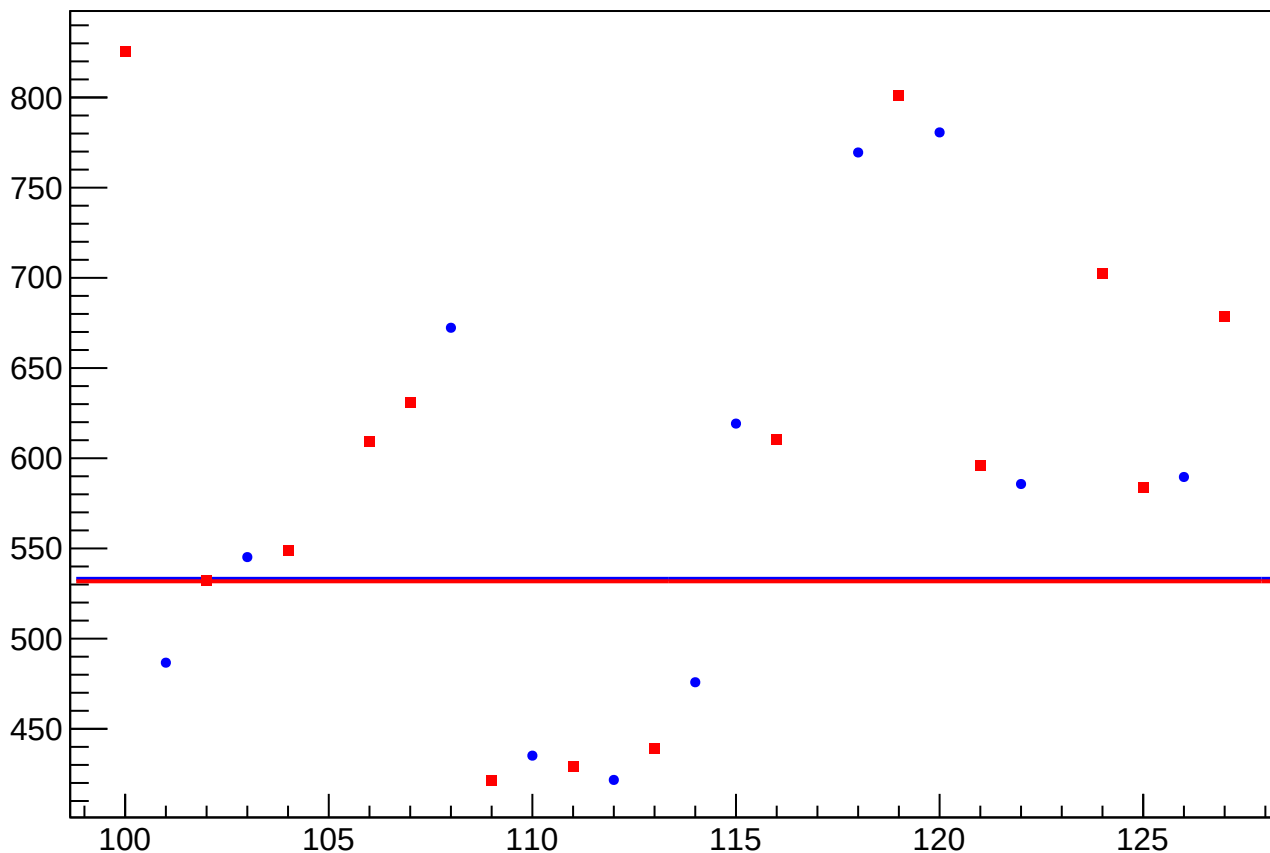
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 274.900 $\pm$ 172.582 χ^2 /NDF: 20.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_rms vs Slug



Right In: 533.151+/-0.182 χ^2/NDF : 348311.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 531.787+/-0.165 χ^2/NDF : 422136.9/13

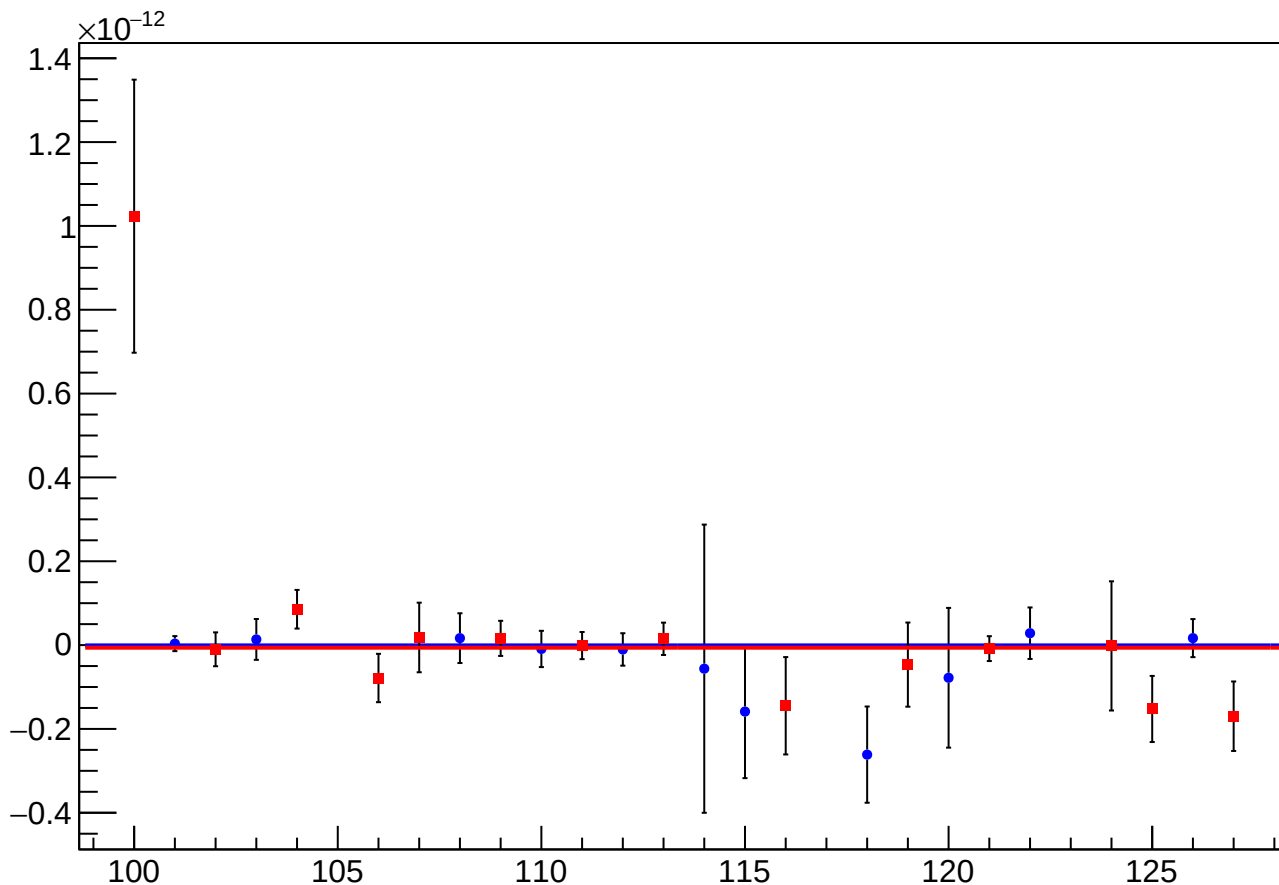
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 532.403+/-0.122 χ^2/NDF : 770479.2/24

- sign 0.000+/-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: 7.1/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 25.1/13

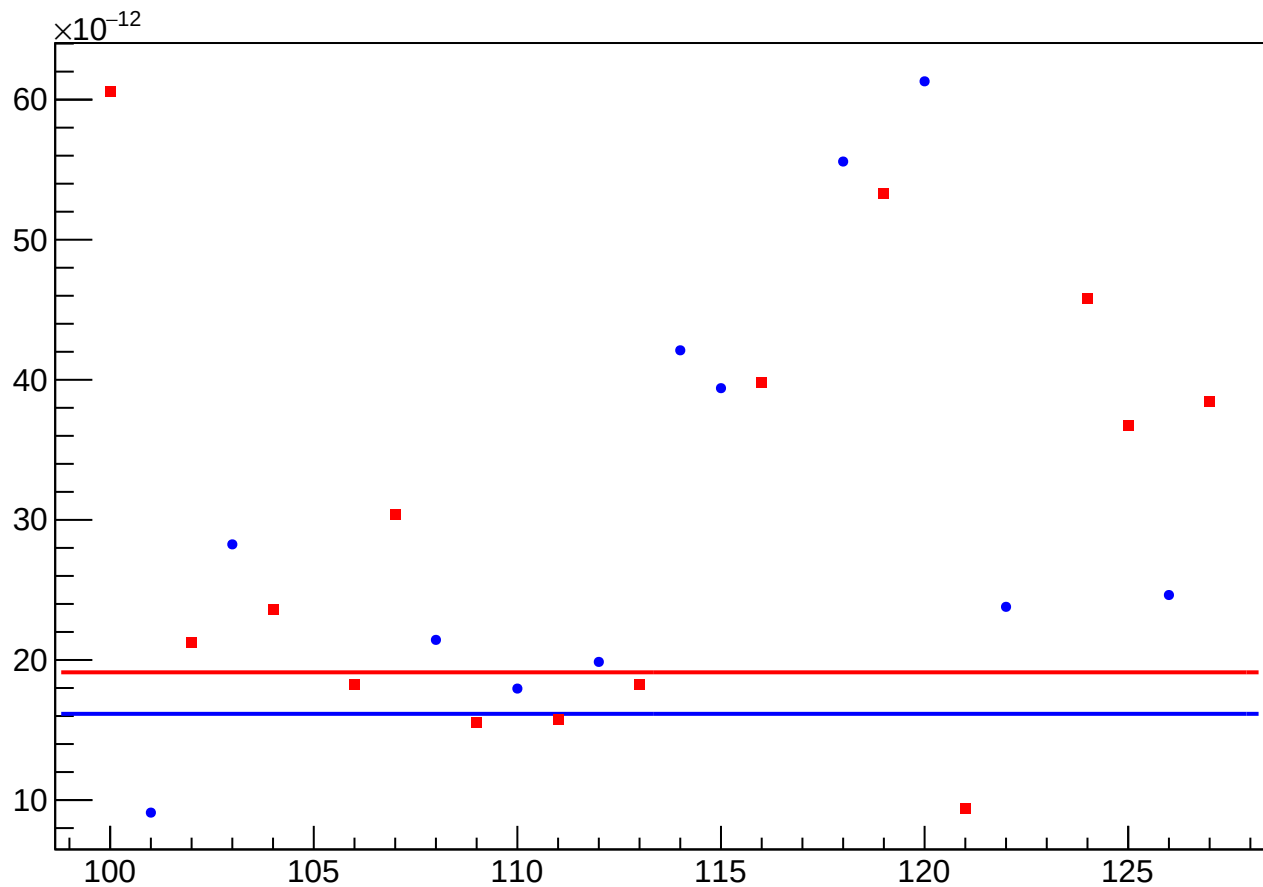
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 32.3/24

- 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 : 1007951.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 909579.4/13

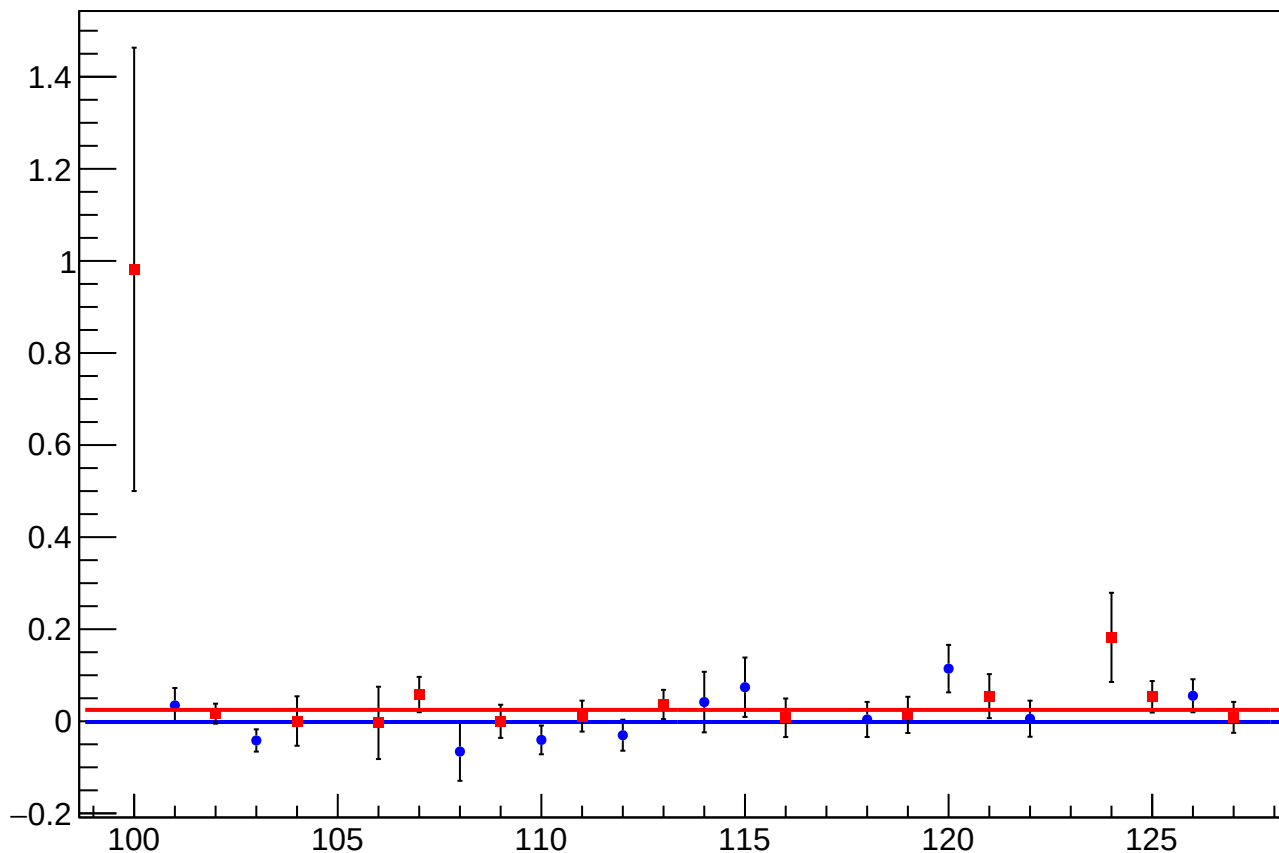
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1967134.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.002 ± 0.012 χ^2/NDF : 16.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.025 ± 0.010 χ^2/NDF : 10.2/13

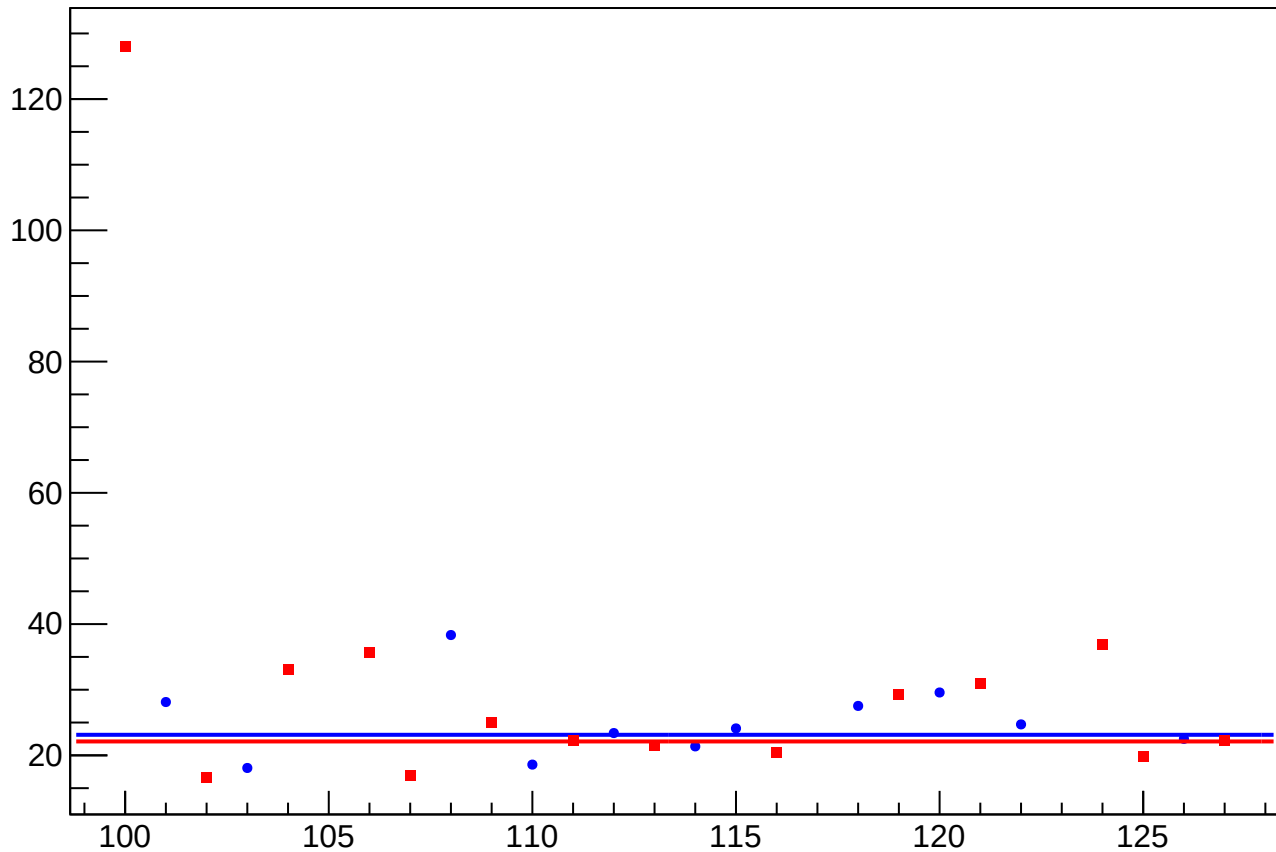
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.013 ± 0.008 χ^2/NDF : 29.5/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_dit_vs_cor_diff_rms vs Slug



Right In: 23.132 $\pm$ 0.008 χ^2 /NDF: 342881.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.119 $\pm$ 0.007 χ^2 /NDF: 611648.9/13

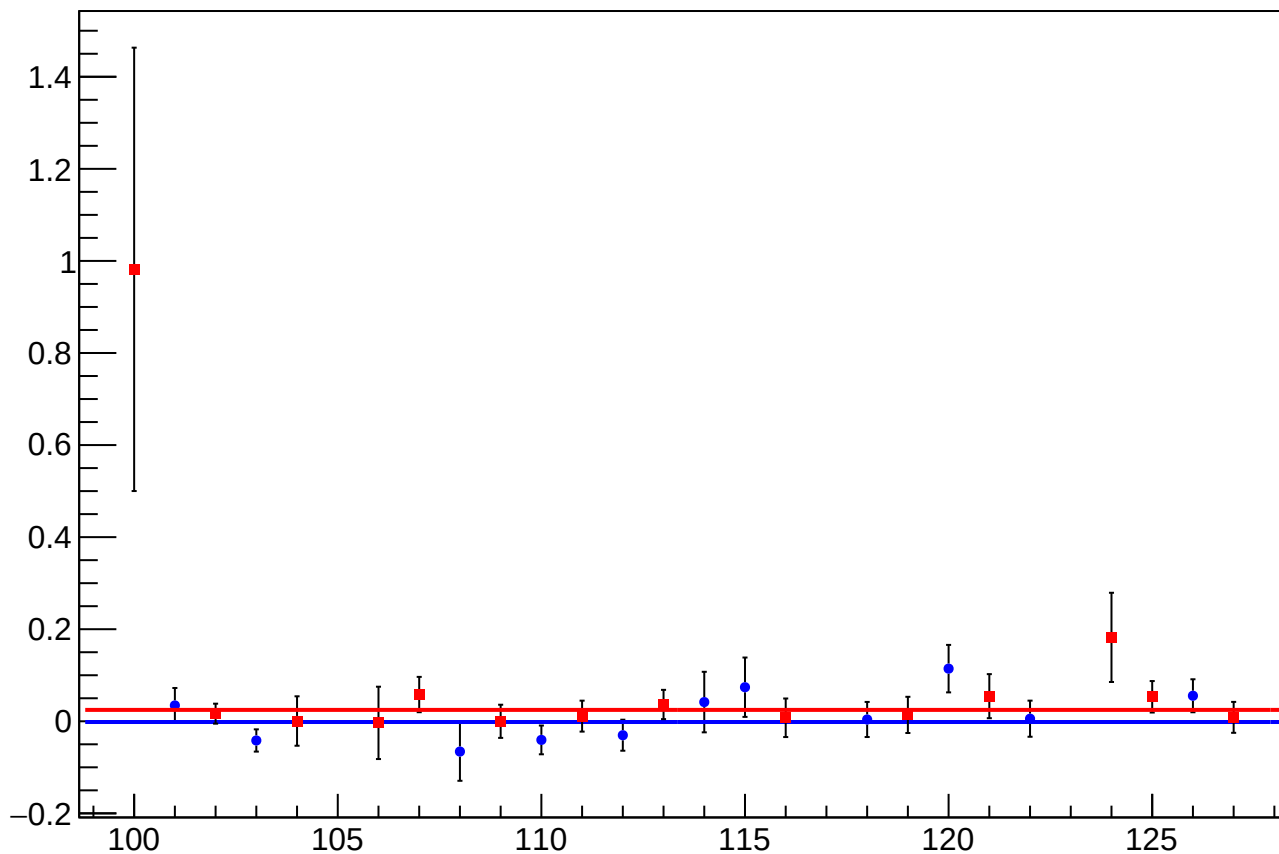
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.568 $\pm$ 0.005 χ^2 /NDF: 963141.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.002 $\pm$ 0.012 χ^2 /NDF: 16.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.025 $\pm$ 0.010 χ^2 /NDF: 10.2/13

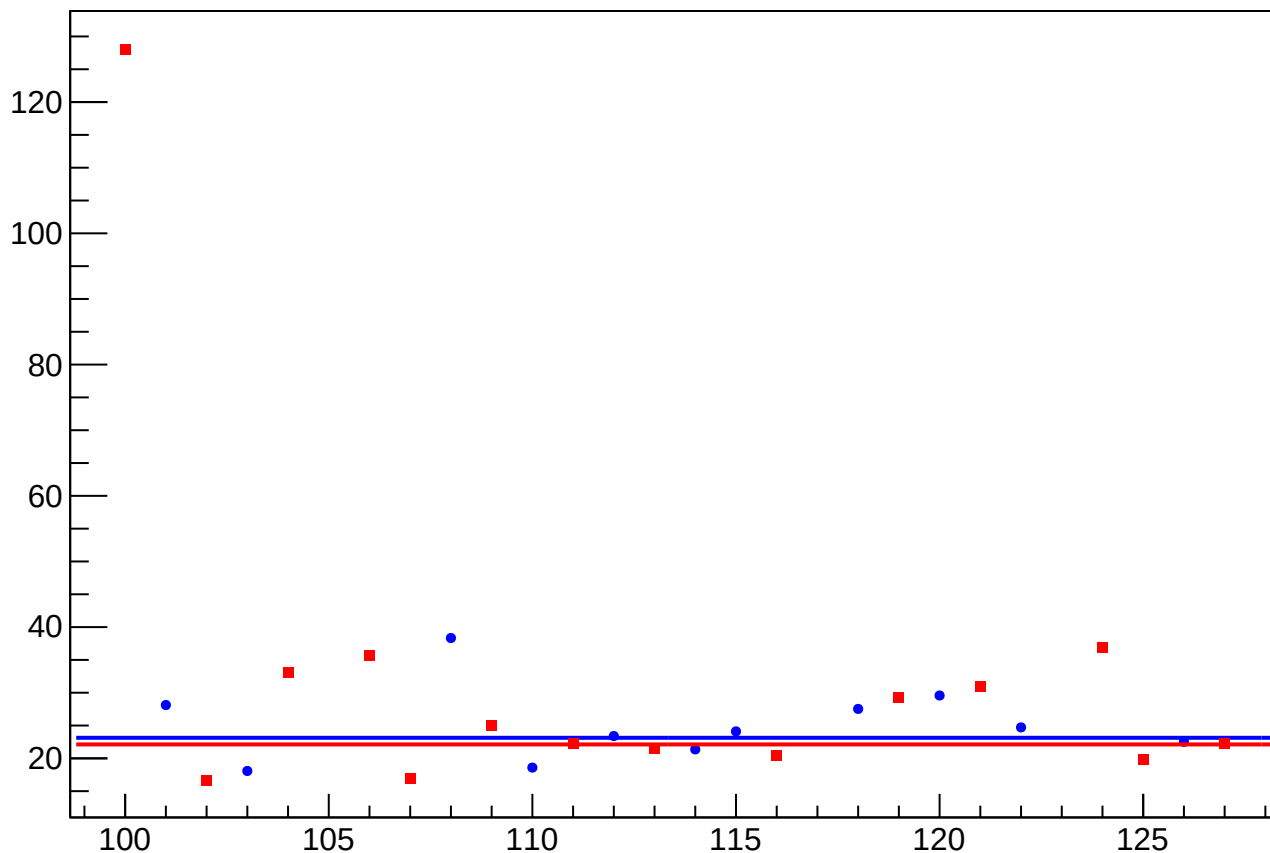
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.013 $\pm$ 0.008 χ^2 /NDF: 29.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 23.132 $\pm$ 0.008 χ^2 /NDF: 342881.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.119 $\pm$ 0.007 χ^2 /NDF: 611648.9/13

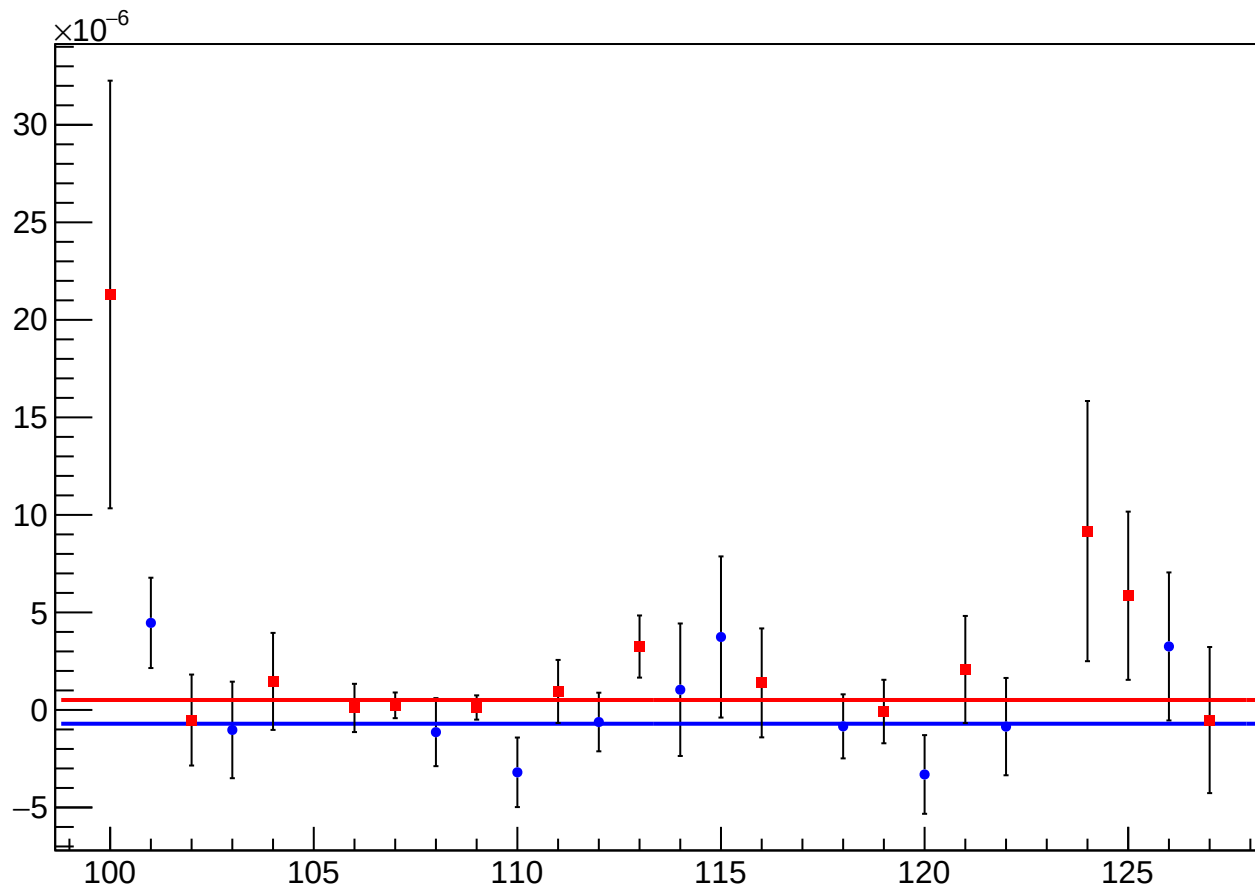
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

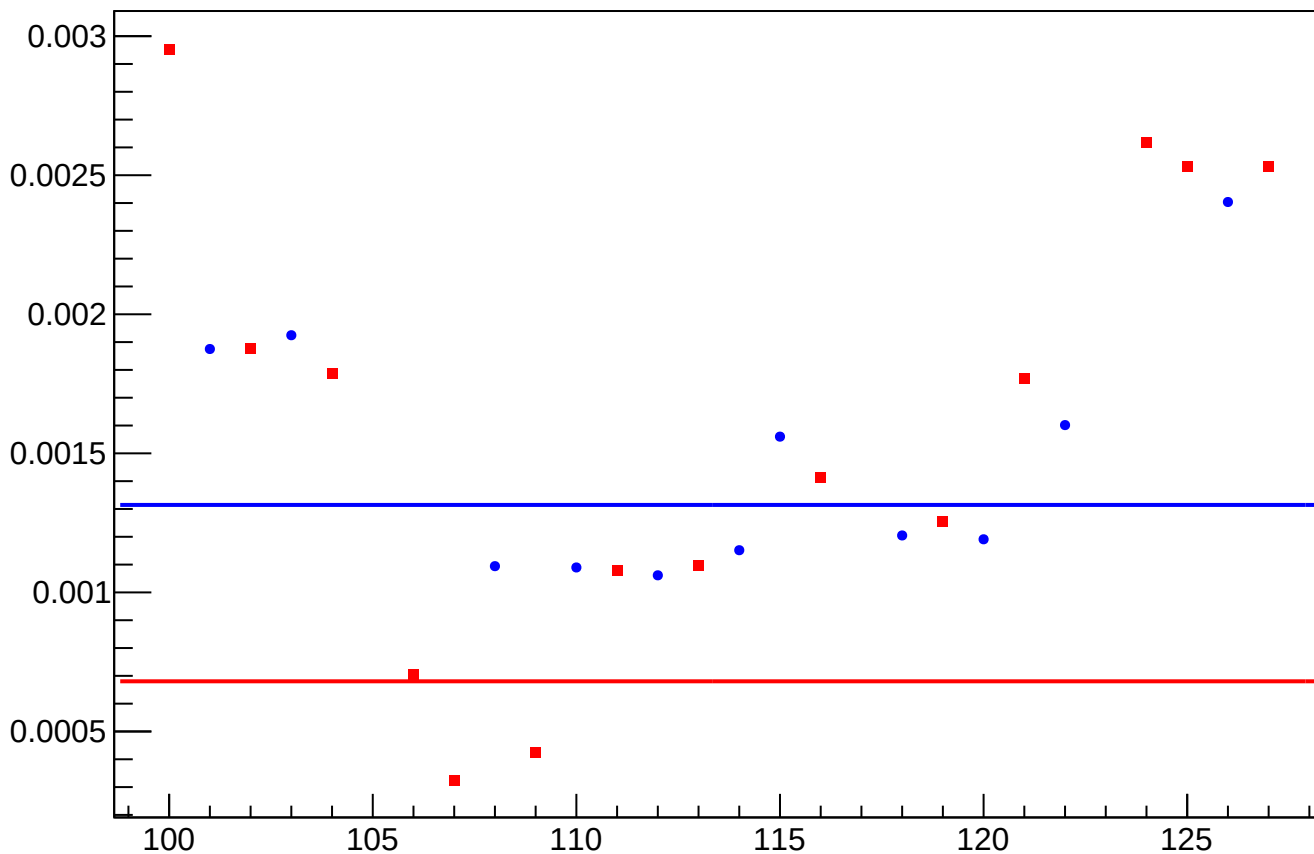
All: 22.568 $\pm$ 0.005 χ^2 /NDF: 963141.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_eigen_dit_vs_dit_diff_mean vs Slug



asym_sam_1357_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 578568.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3918573.5/13

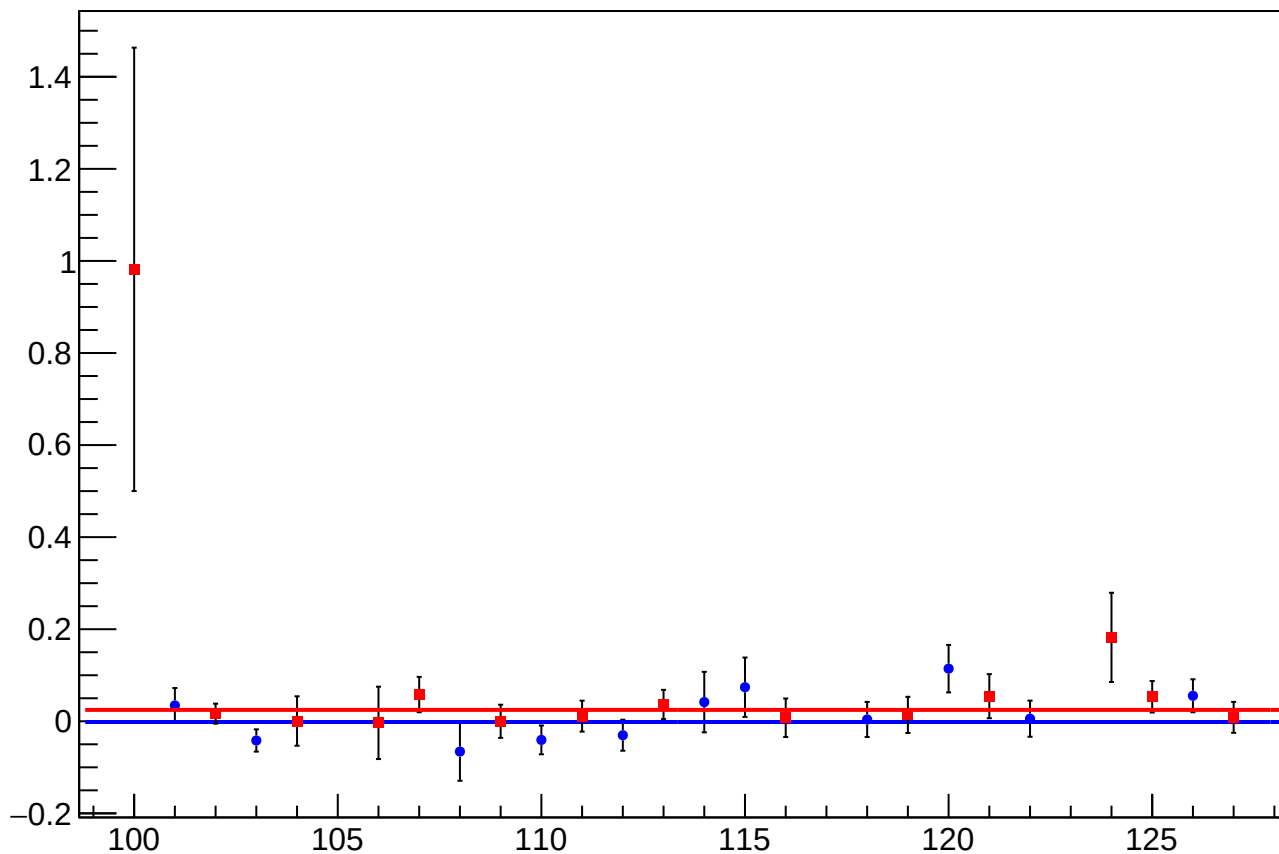
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5970412.8/24

- 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: -0.002 $\pm$ 0.012 χ^2 /NDF: 16.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.025 $\pm$ 0.010 χ^2 /NDF: 10.2/13

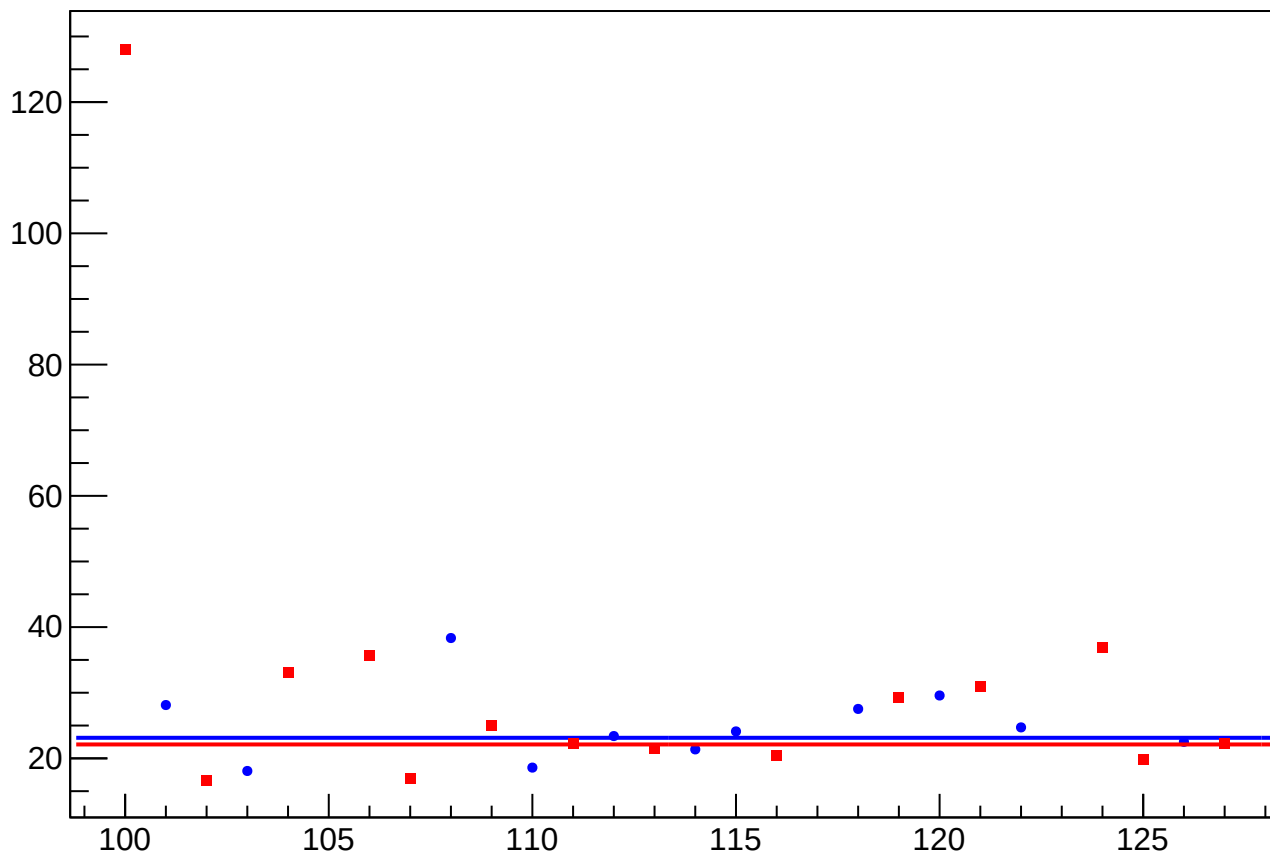
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.013 $\pm$ 0.008 χ^2 /NDF: 29.5/24

- 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: 23.133+/-0.008 χ^2/NDF : 342865.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.120+/-0.007 χ^2/NDF : 611631.2/13

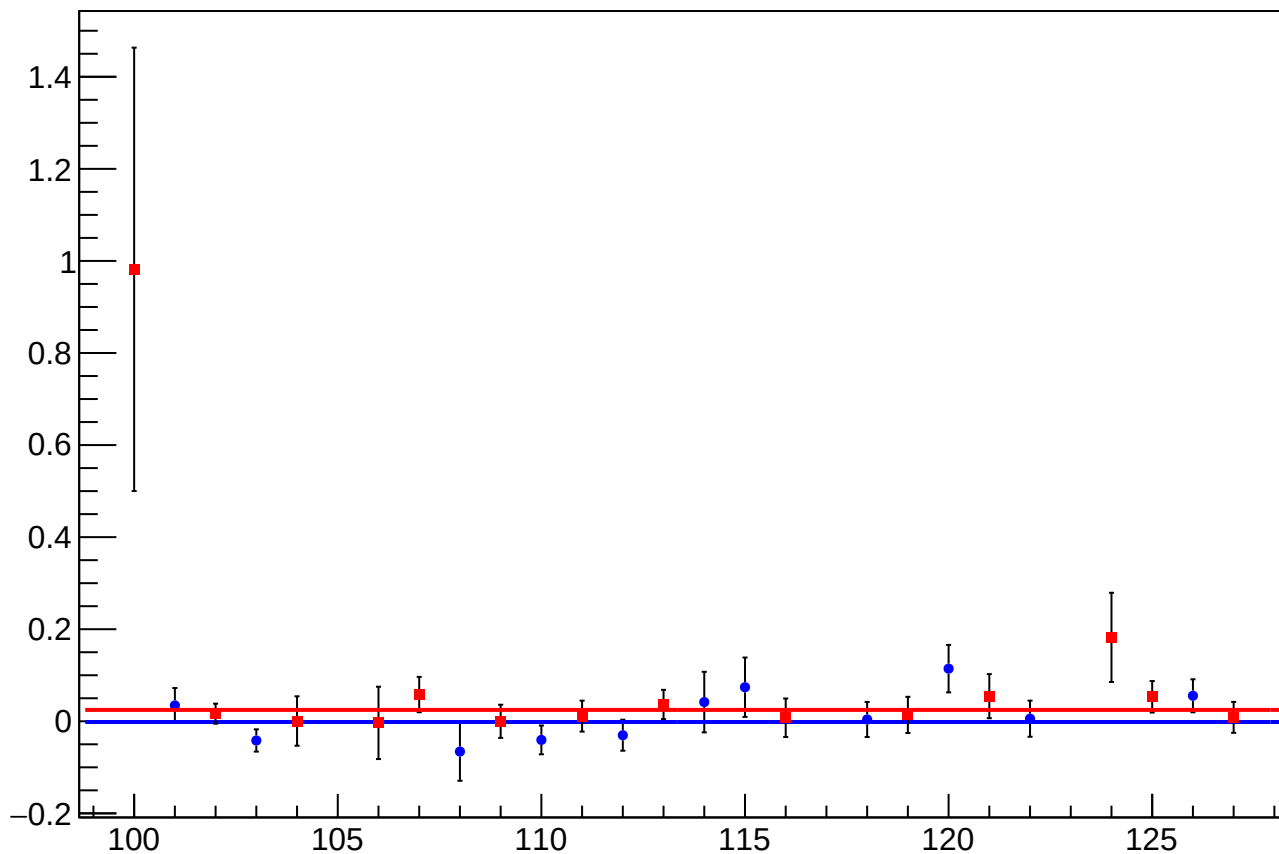
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.569+/-0.005 χ^2/NDF : 963106.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.002 $\pm$ 0.012 χ^2 /NDF: 16.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.025 $\pm$ 0.010 χ^2 /NDF: 10.2/13

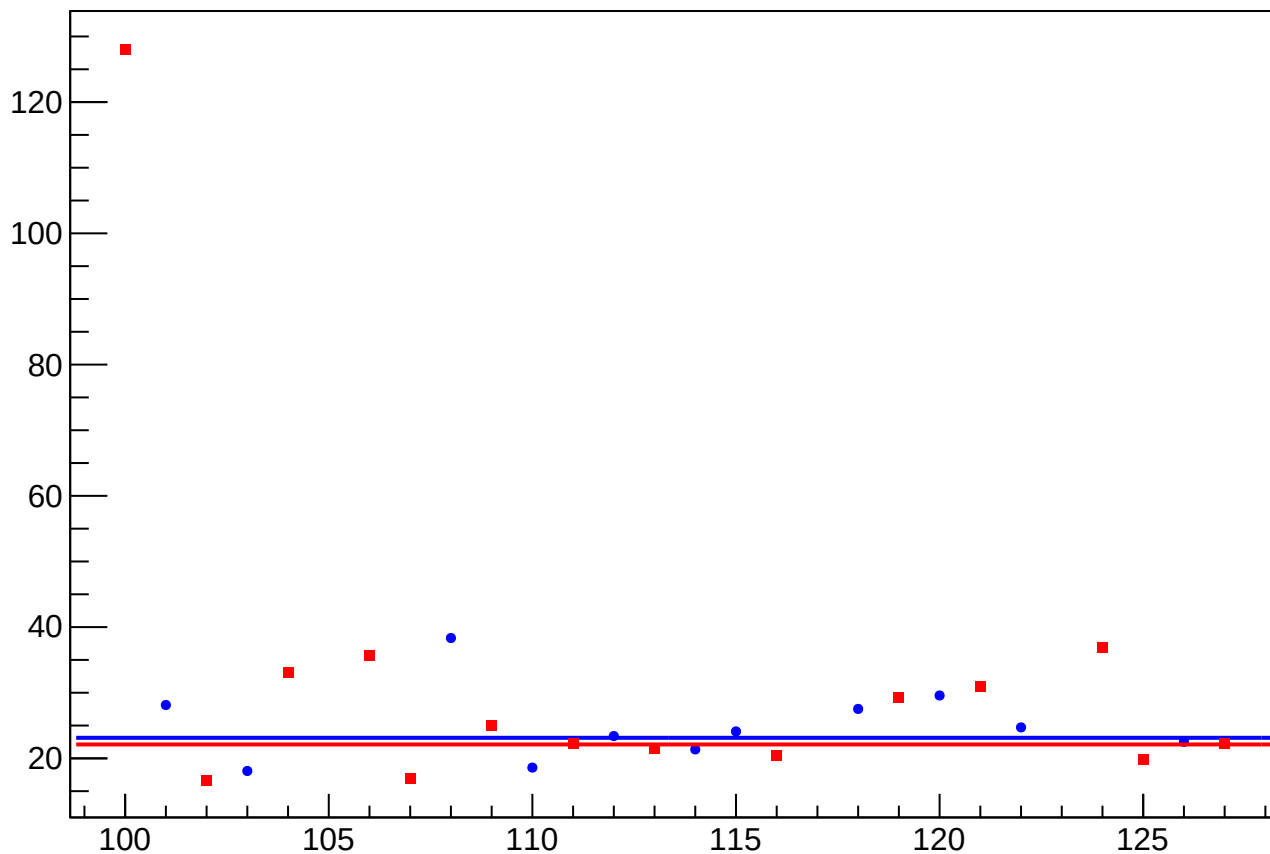
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.013 $\pm$ 0.008 χ^2 /NDF: 29.5/24

- 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: 23.133+/-0.008 χ^2 /NDF: 342865.0/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 22.120+/-0.007 χ^2 /NDF: 611631.2/13

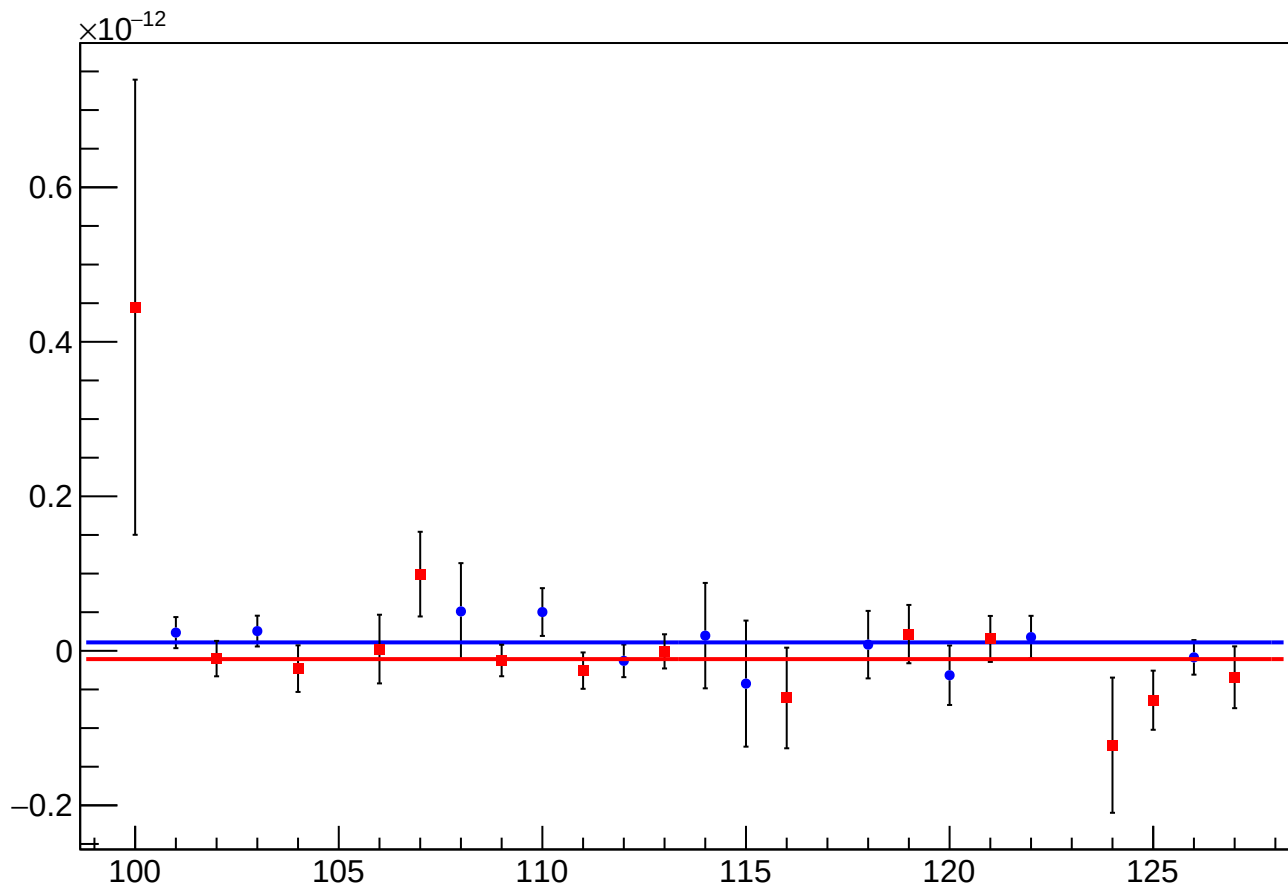
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 22.569+/-0.005 χ^2 /NDF: 963106.5/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.3/13

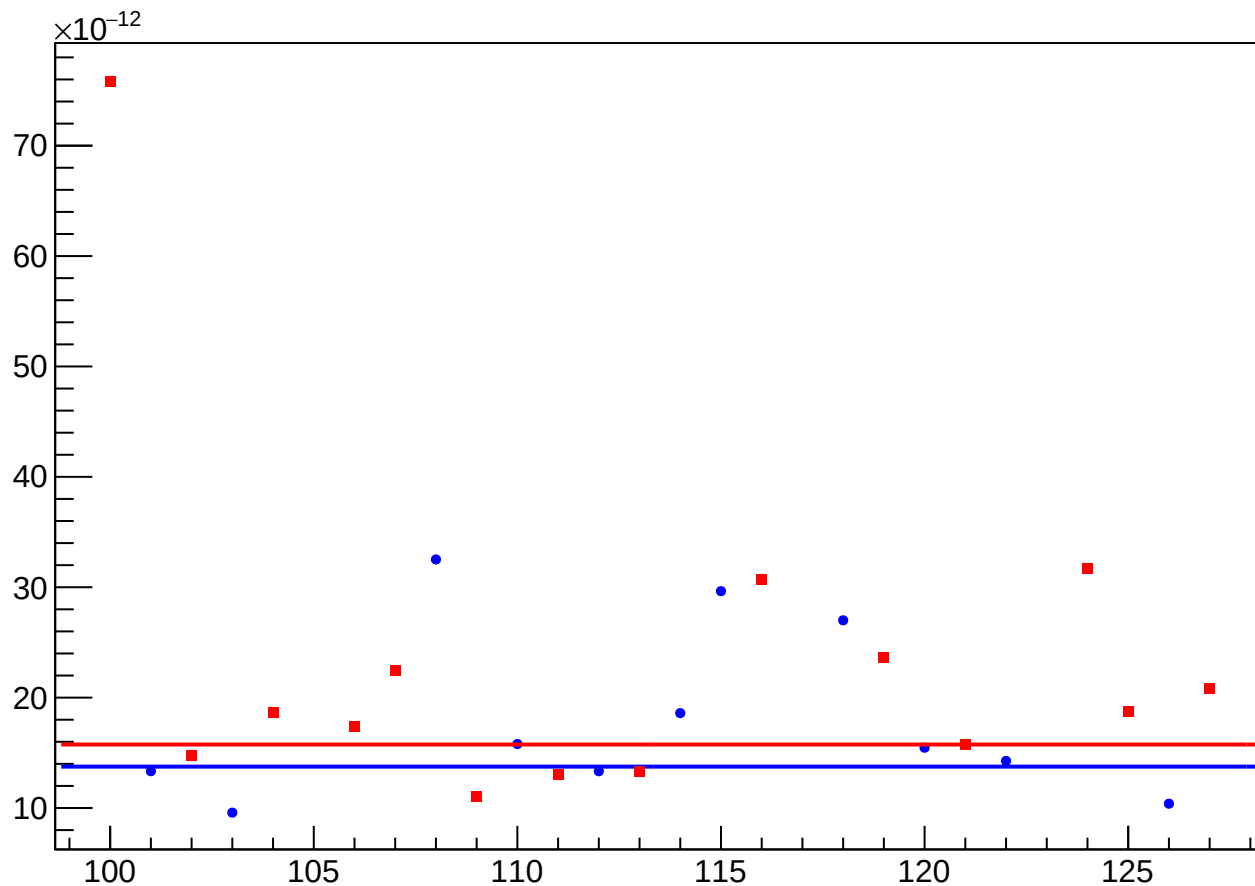
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.2/24

- sign 0.000 $\pm$ 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 : 598202.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 598837.5/13

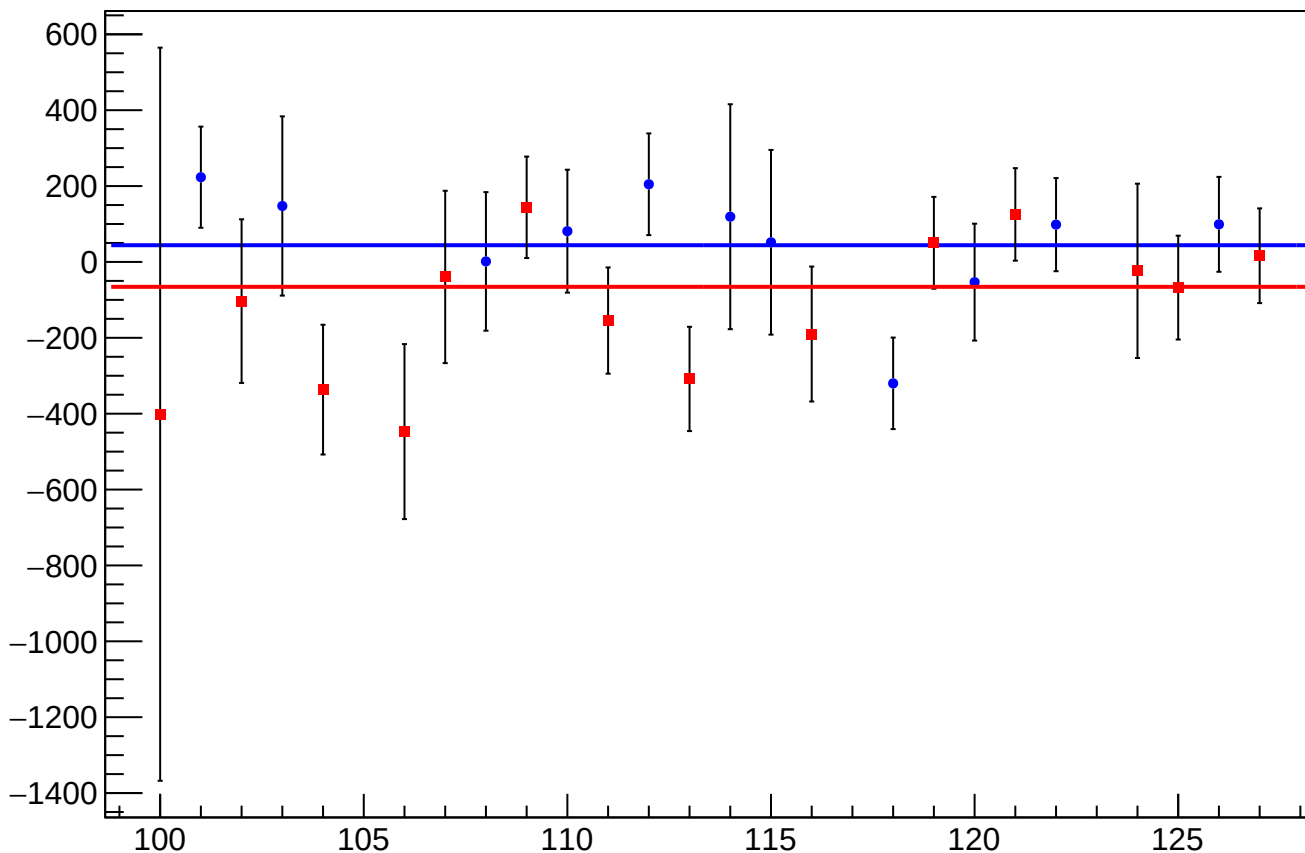
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1251348.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_2468_avg_mean vs Slug



Right In: 44.079+/-46.263 χ^2/NDF : 13.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -65.609+/-42.319 χ^2/NDF : 15.7/13

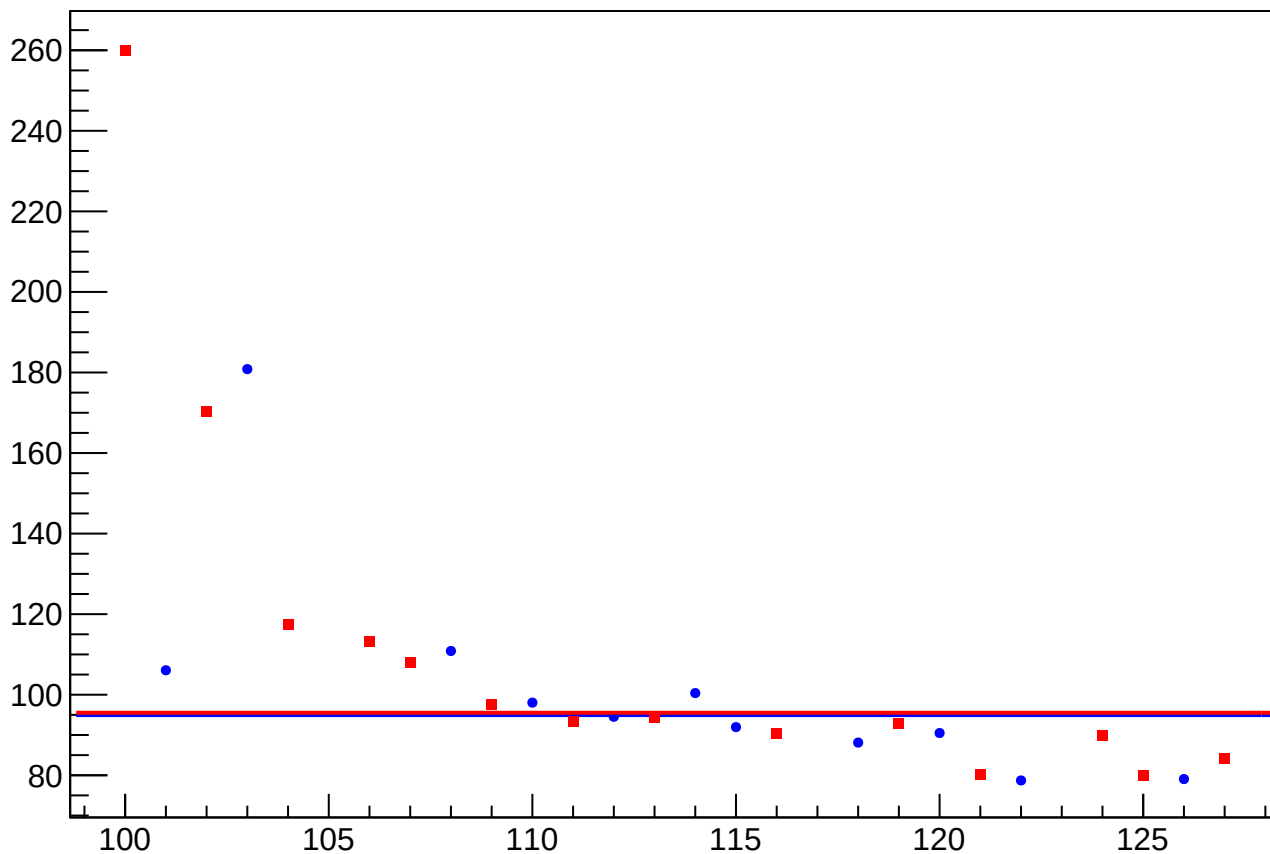
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.639+/-31.226 χ^2/NDF : 32.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_2468_avg_rms vs Slug



Right In: 94.943+/-0.033 χ^2/NDF : 370497.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.521+/-0.030 χ^2/NDF : 427812.9/13

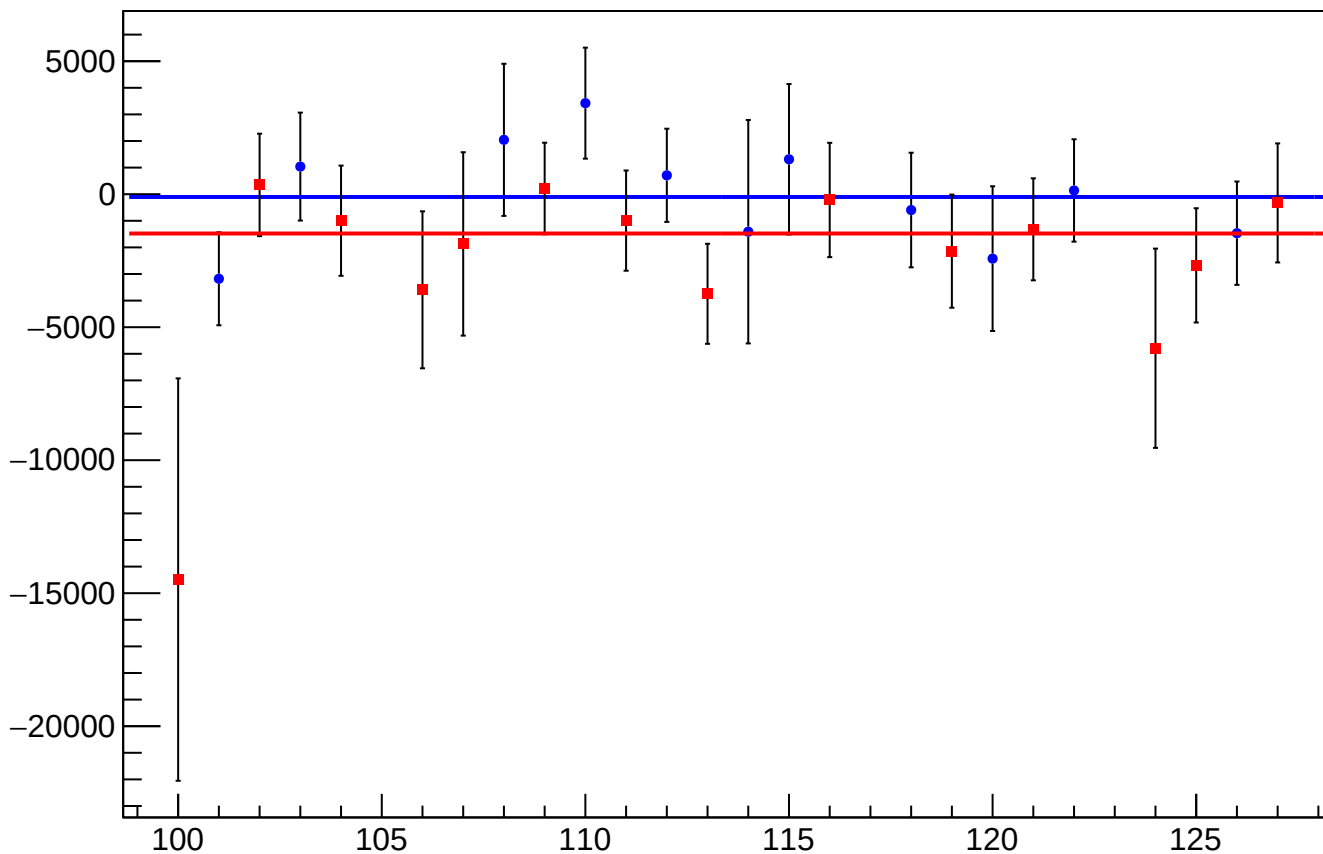
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.258+/-0.022 χ^2/NDF : 798480.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_reg_correction_mean vs Slug



Right In: -104.555+/-657.185 χ^2/NDF : 8.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1477.707+/-595.566 χ^2/NDF : 9.3/13

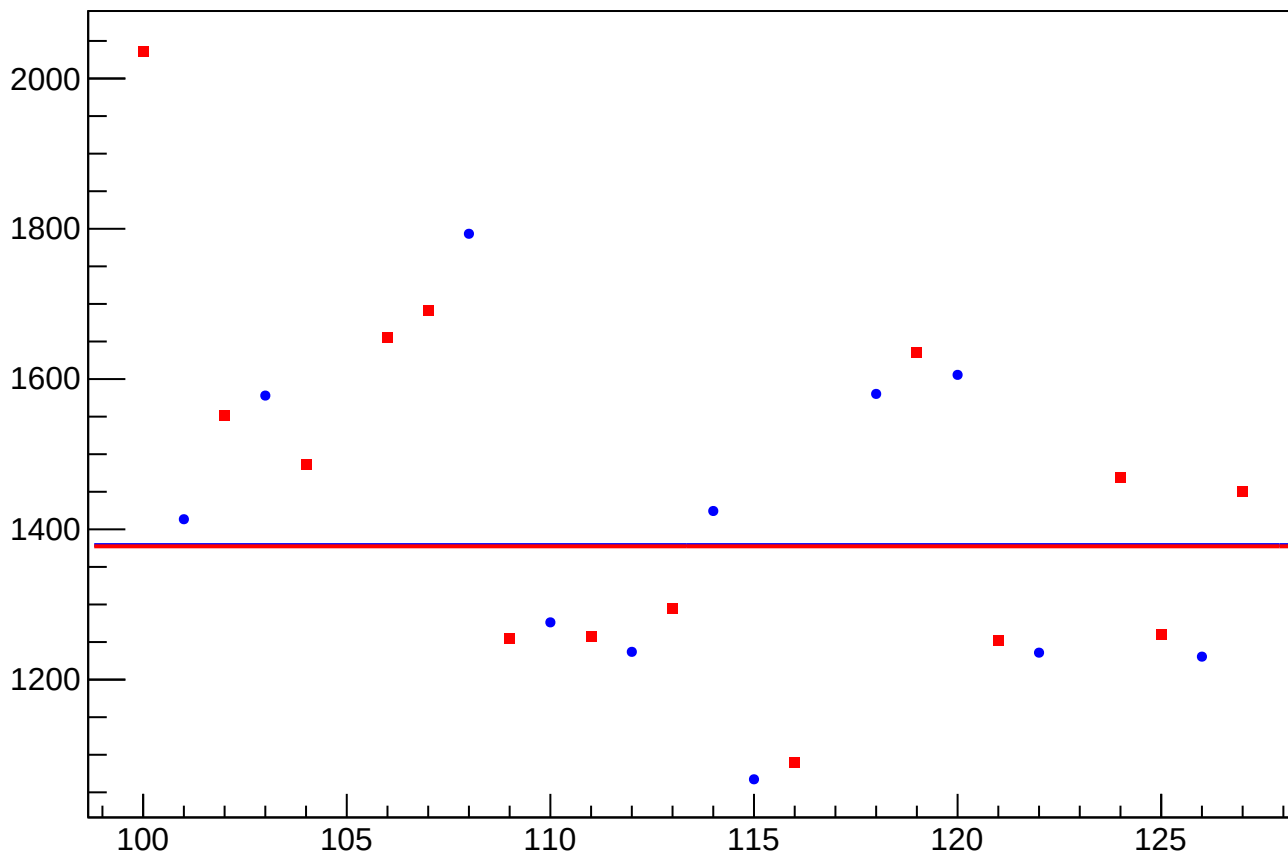
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -858.509+/-441.310 χ^2/NDF : 20.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_reg_correction_rms vs Slug



Right In: 1379.032 $\pm$ 0.465 χ^2 /NDF: 158617.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1377.407 $\pm$ 0.421 χ^2 /NDF: 176414.7/13

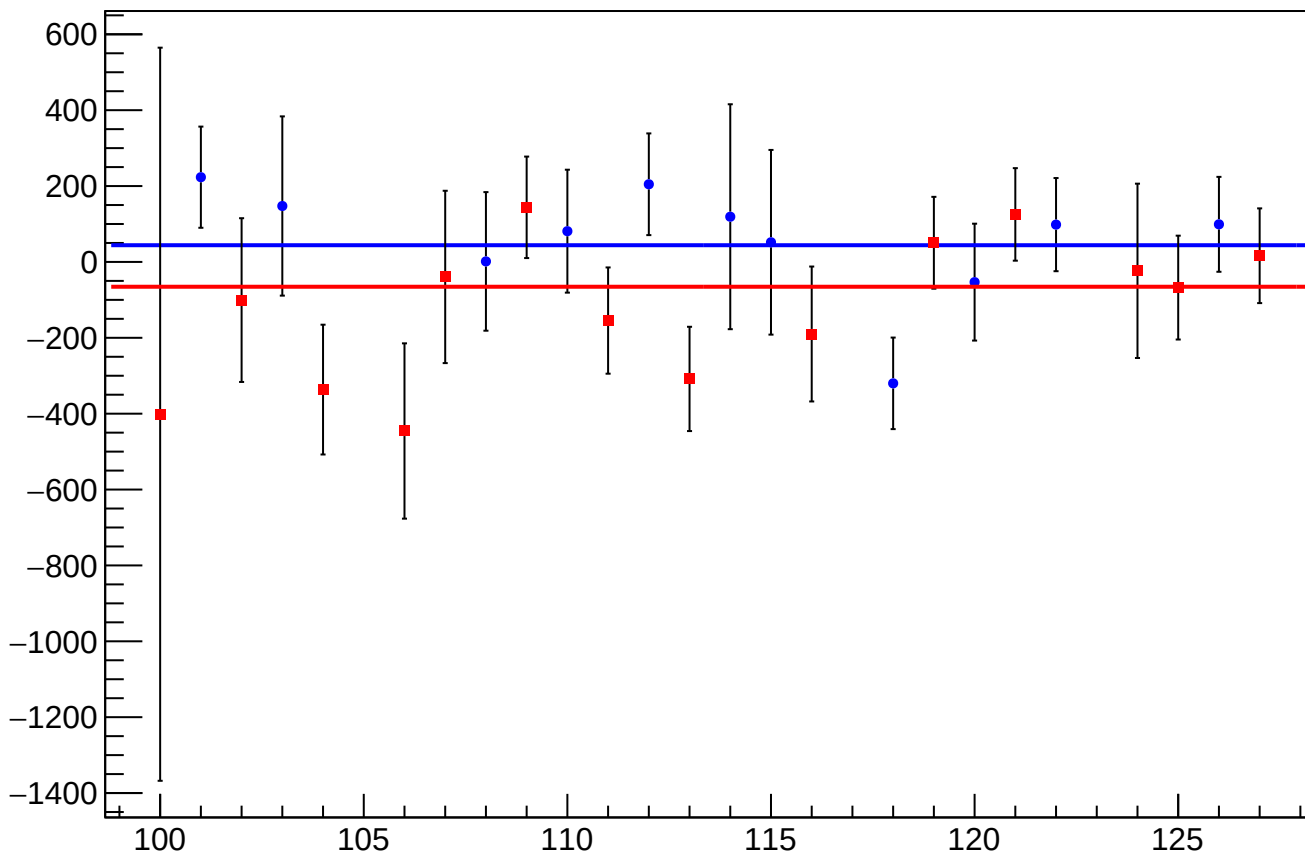
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1378.140 $\pm$ 0.312 χ^2 /NDF: 335038.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_2468_avg_mean vs Slug



Right In: 44.065+/-46.263 χ^2/NDF : 13.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -65.394+/-42.323 χ^2/NDF : 15.7/13

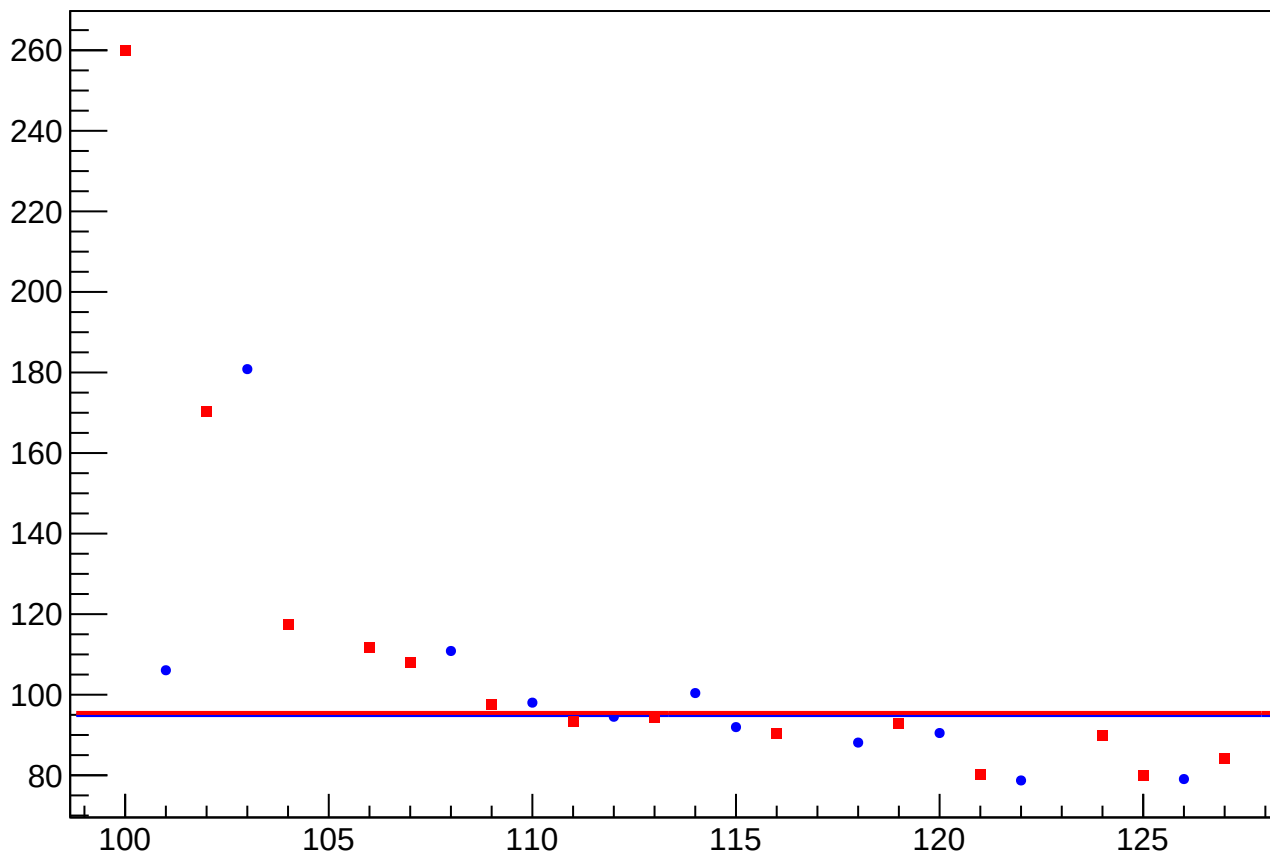
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.523+/-31.227 χ^2/NDF : 32.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_2468_avg_rms vs Slug



Right In: 94.943+/-0.033 χ^2/NDF : 370501.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.475+/-0.030 χ^2/NDF : 426395.5/13

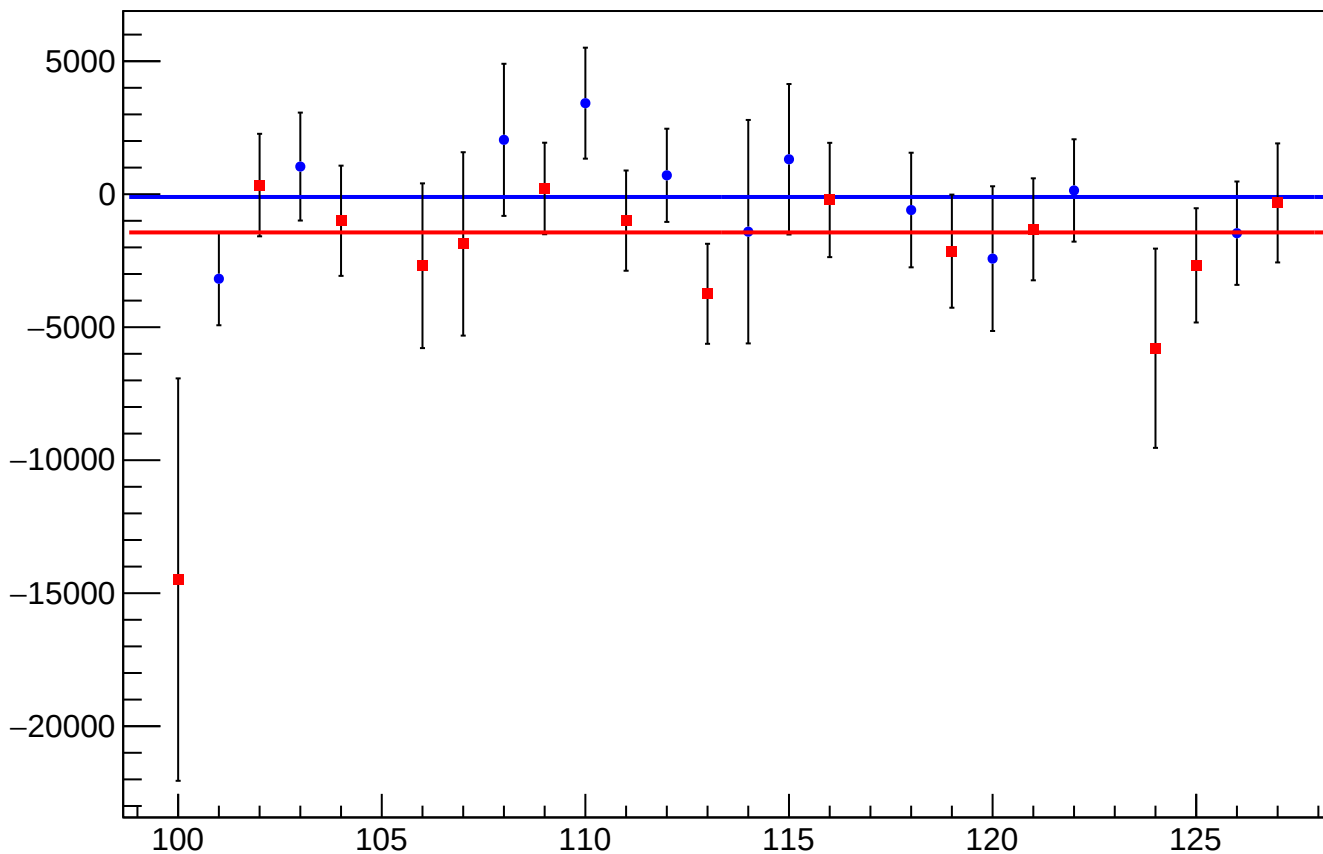
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.232+/-0.022 χ^2/NDF : 797040.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_cor_correction_mean vs Slug



Right In: -104.489+/-657.190 χ^2/NDF : 8.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1437.007+/-596.720 χ^2/NDF : 8.9/13

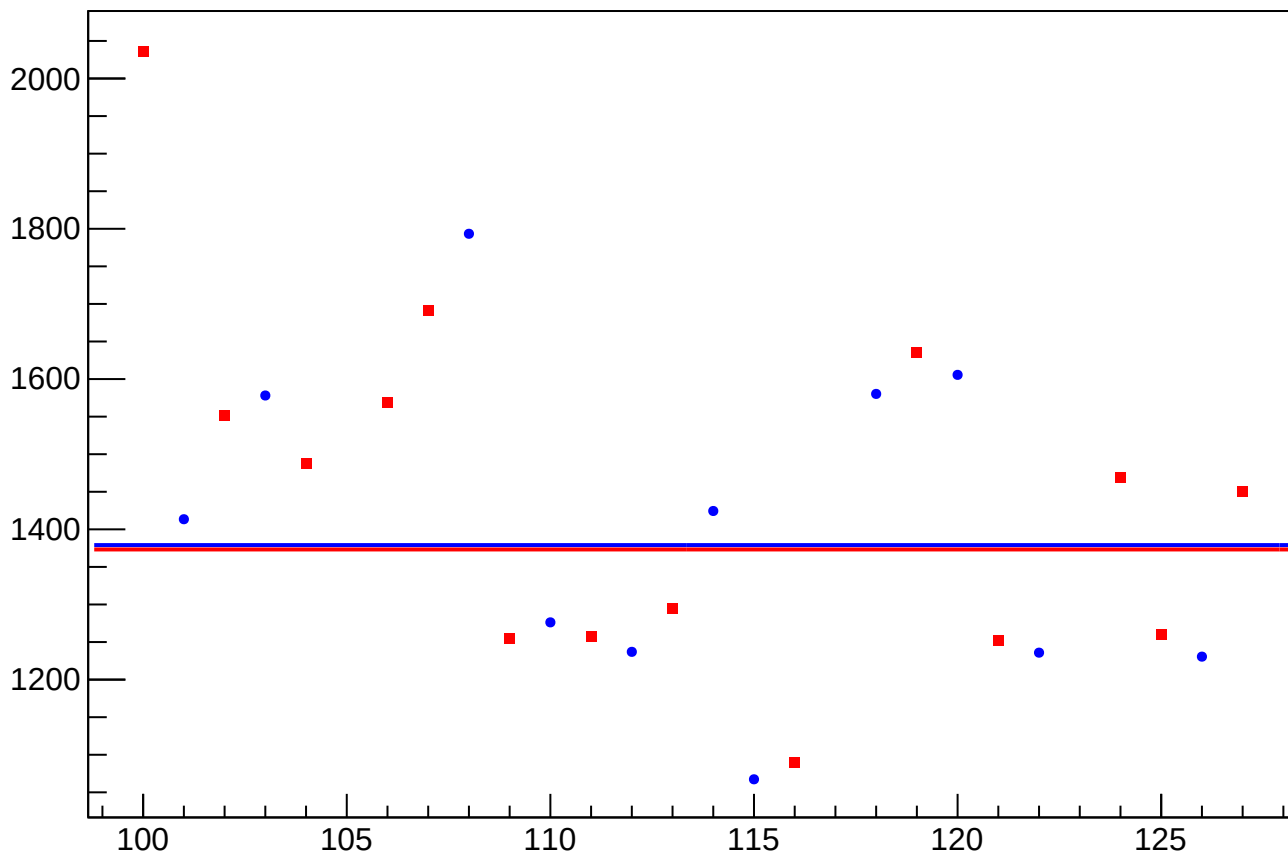
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -834.860+/-441.780 χ^2/NDF : 19.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_cor_correction_rms vs Slug



Right In: 1379.040+/-0.465 χ^2/NDF : 158635.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

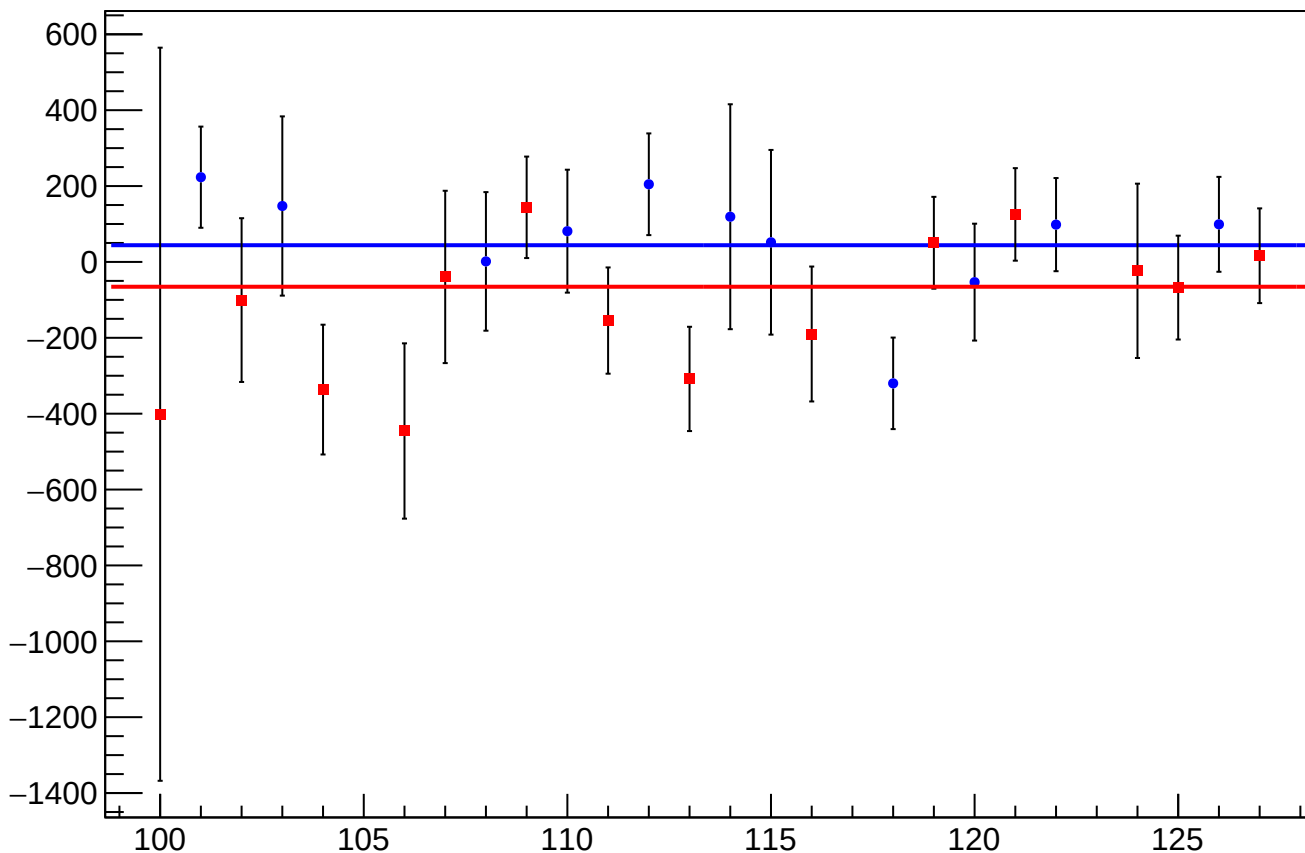
Right Out: 1373.231+/-0.422 χ^2/NDF : 166409.3/13

All: 1375.856+/-0.312 χ^2/NDF : 325130.5/24

- 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_sam_2468_avg_mean vs Slug



Right In: 44.065+/-46.263 χ^2/NDF : 13.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -65.394+/-42.323 χ^2/NDF : 15.7/13

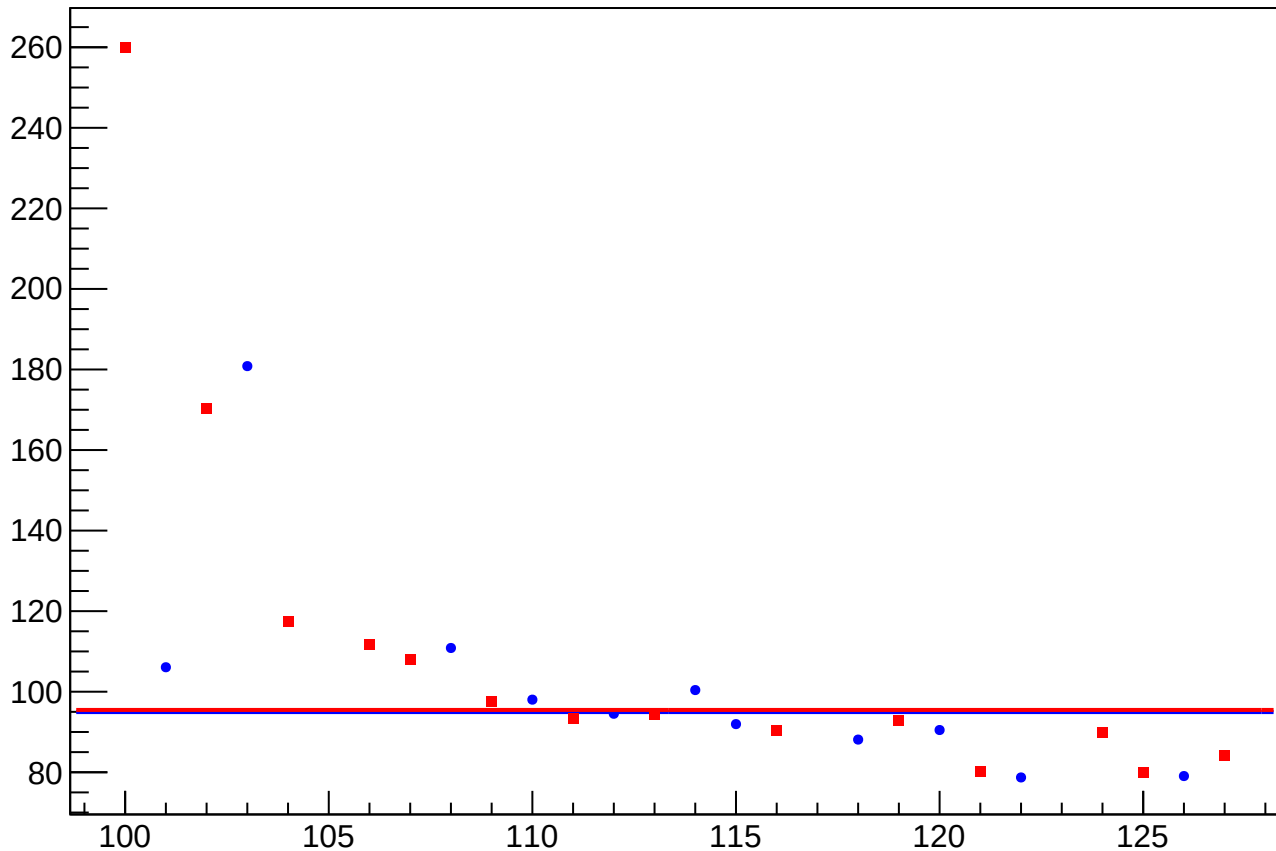
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.523+/-31.227 χ^2/NDF : 32.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_2468_avg_rms vs Slug



Right In: 94.943+/-0.033 χ^2/NDF : 370501.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.475+/-0.030 χ^2/NDF : 426395.5/13

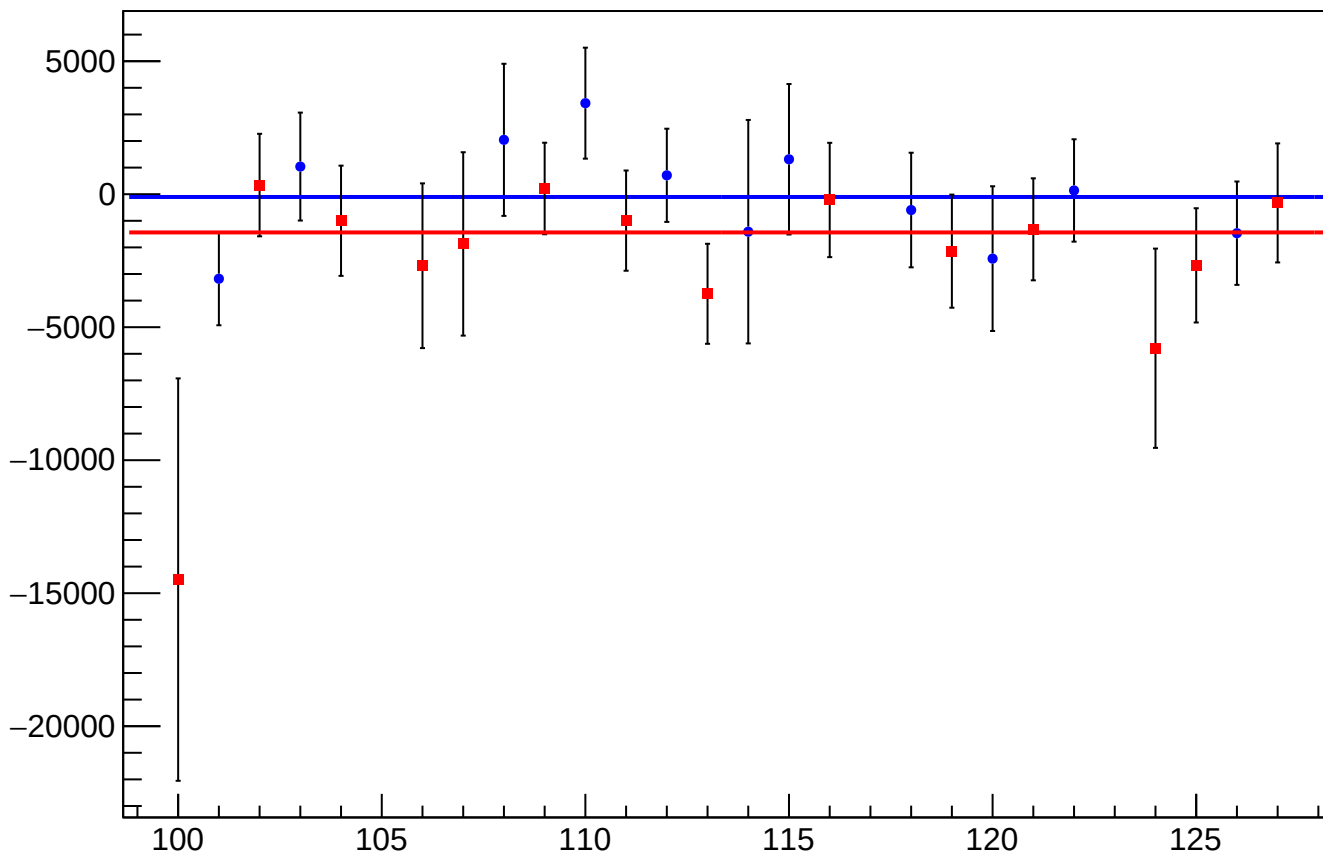
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.232+/-0.022 χ^2/NDF : 797040.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_eigen_cor_correction_mean vs Slug



Right In: -104.489+/-657.190 χ^2/NDF : 8.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1437.007+/-596.720 χ^2/NDF : 8.9/13

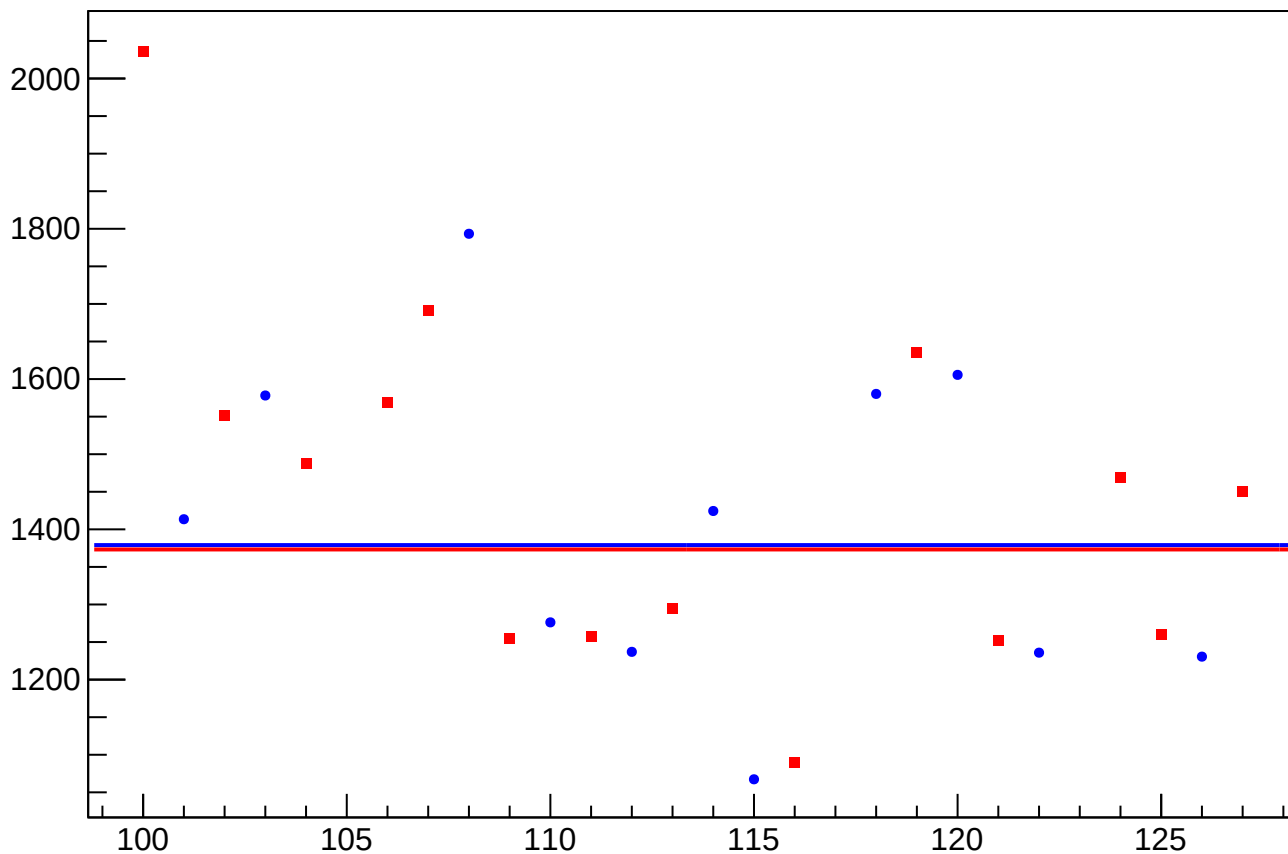
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -834.860+/-441.780 χ^2/NDF : 19.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_eigen_cor_correction_rms vs Slug



Right In: 1379.040+/-0.465 χ^2/NDF : 158635.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1373.231+/-0.422 χ^2/NDF : 166409.3/13

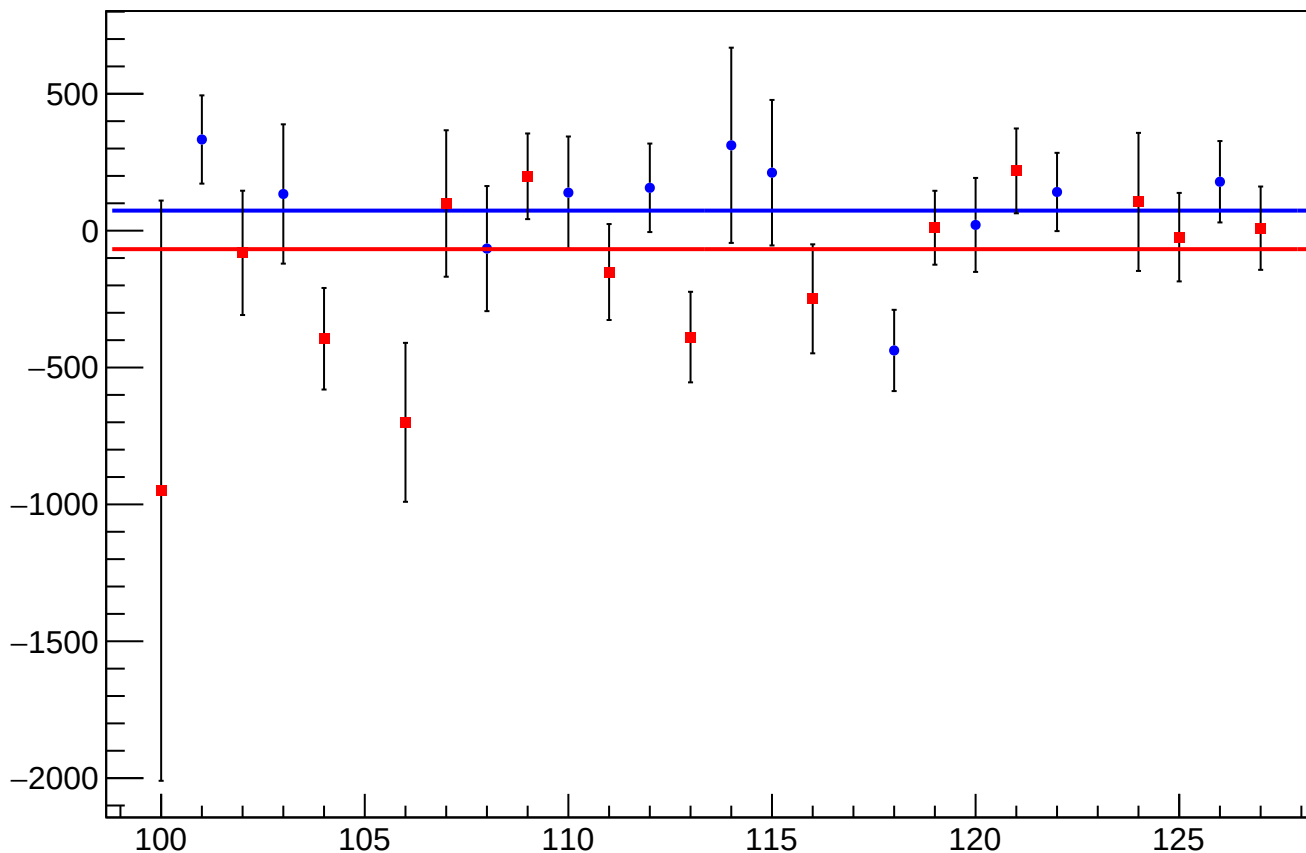
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1375.856+/-0.312 χ^2/NDF : 325130.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_2468_avg_mean vs Slug



Right In: 73.274+/-54.994 χ^2/NDF : 16.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -67.543+/-49.749 χ^2/NDF : 21.2/13

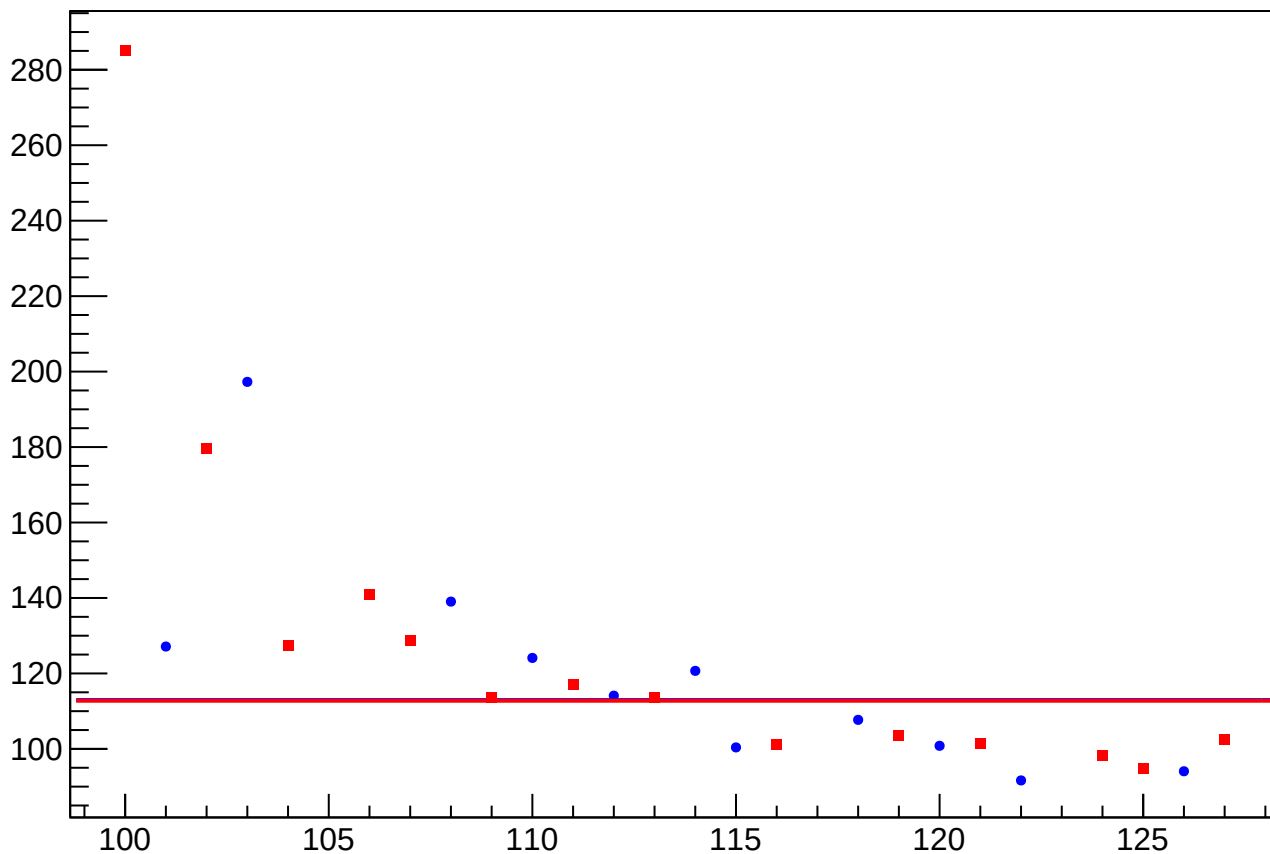
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.168+/-36.893 χ^2/NDF : 41.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_2468_avg_rms vs Slug



Right In: 112.929 $\pm$ 0.039 χ^2 /NDF: 361754.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 112.779 $\pm$ 0.035 χ^2 /NDF: 333915.0/13

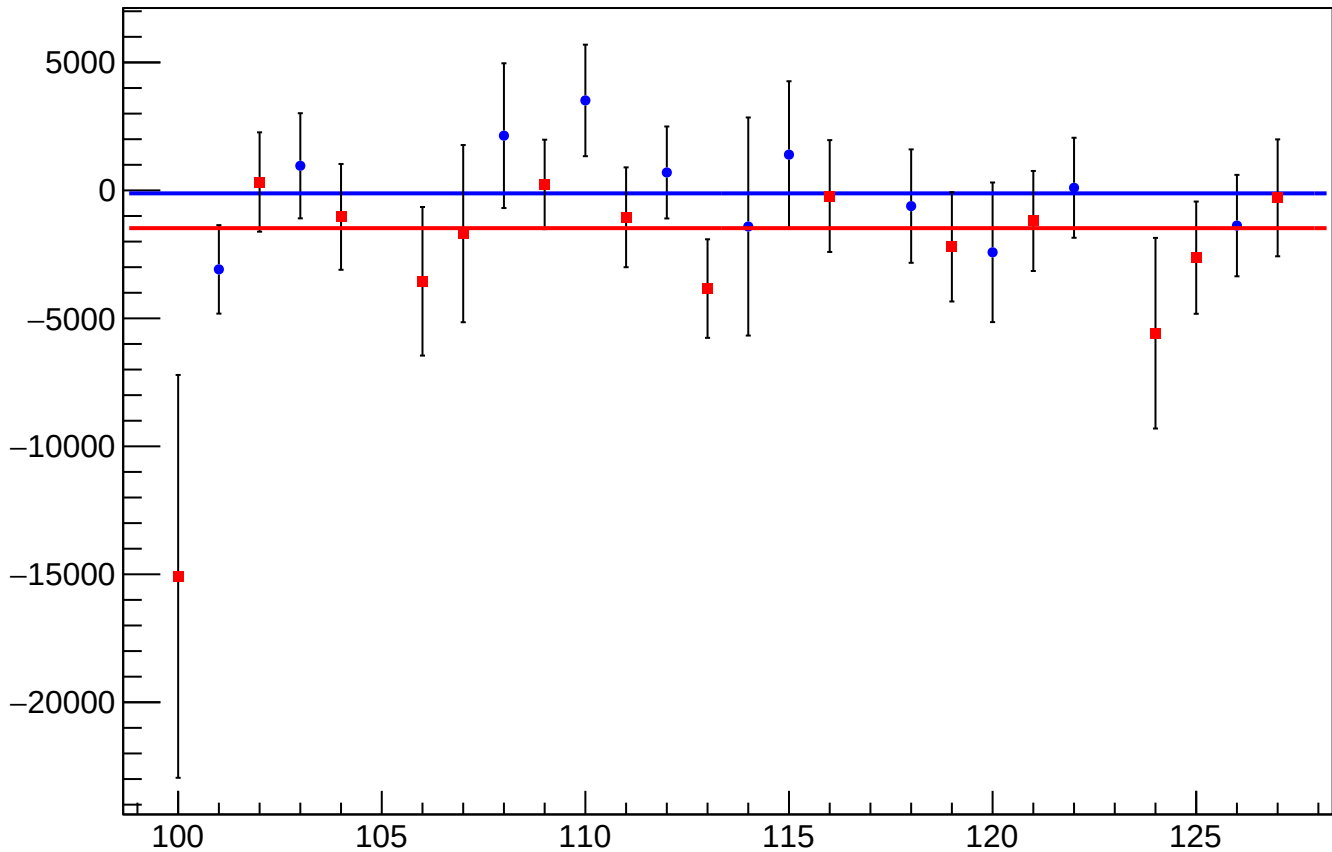
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 112.846 $\pm$ 0.026 χ^2 /NDF: 695678.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_dit_correction_mean vs Slug



Right In: -116.039 ± 666.882 χ^2/NDF : 8.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1475.052 ± 604.104 χ^2/NDF : 9.1/13

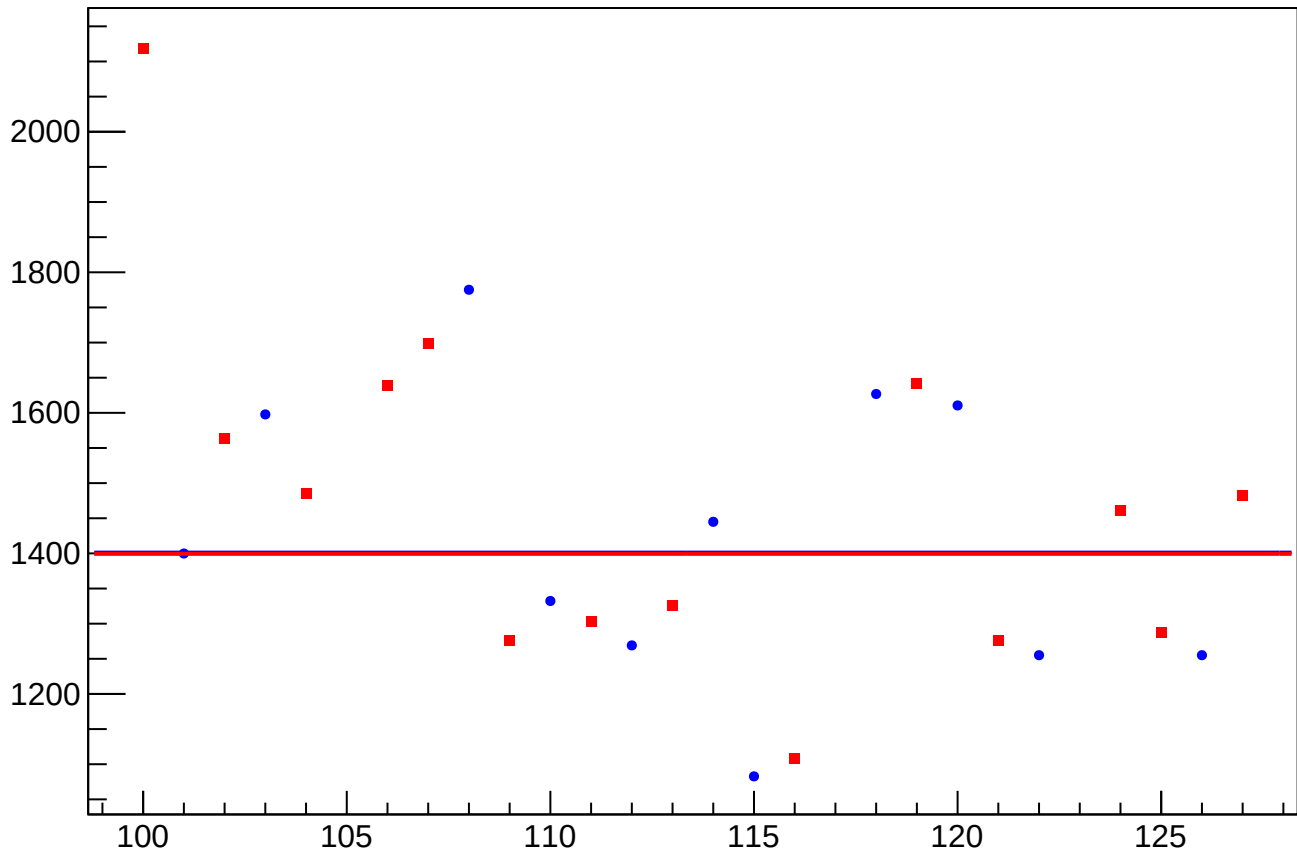
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -862.509 ± 447.719 χ^2/NDF : 19.8/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_dit_correction_rms vs Slug



Right In: 1401.108+/-0.472 χ^2/NDF : 145544.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

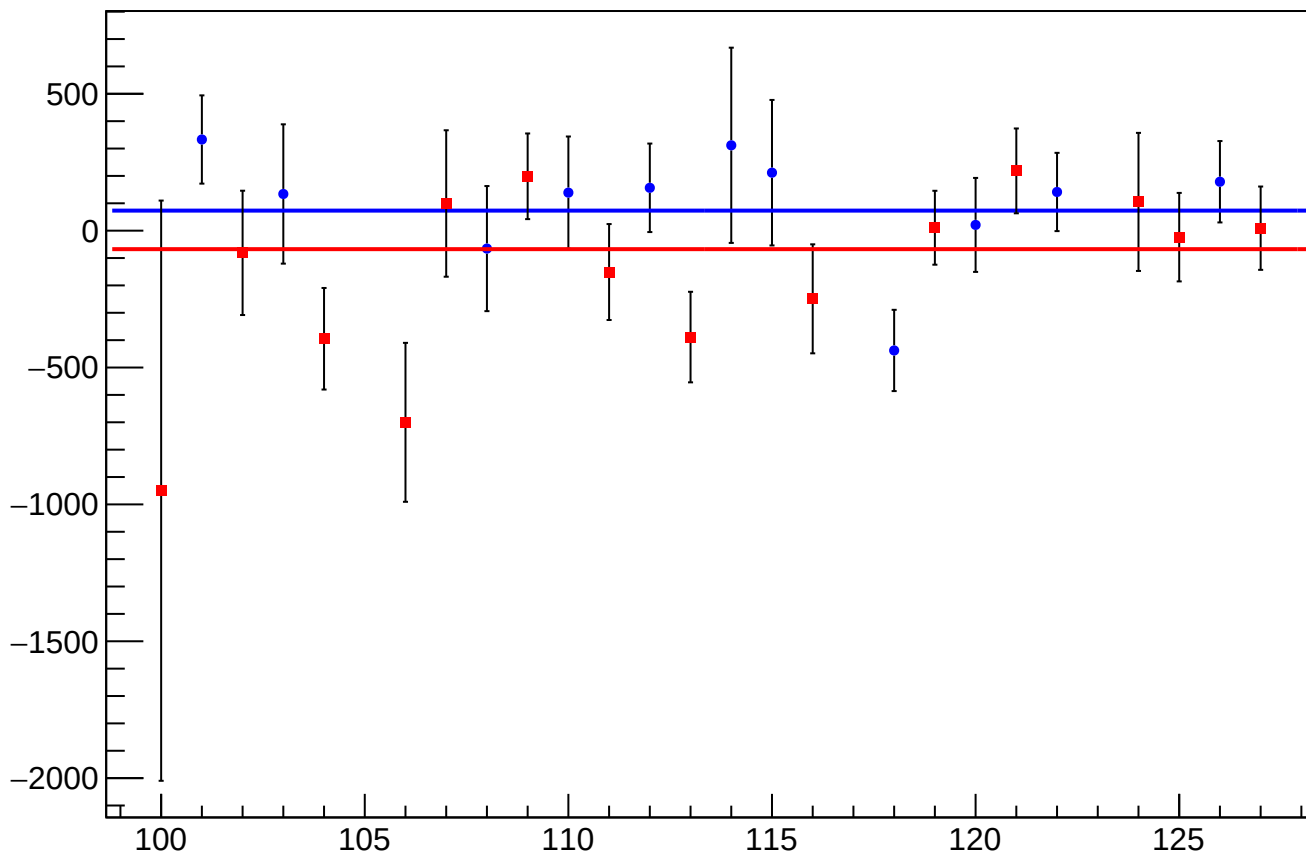
Right Out: 1399.386+/-0.427 χ^2/NDF : 158156.1/13

All: 1400.162+/-0.317 χ^2/NDF : 303707.7/24

- 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_sam_2468_avg_mean vs Slug



Right In: 73.273+/-54.994 χ^2/NDF : 16.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -67.542+/-49.749 χ^2/NDF : 21.2/13

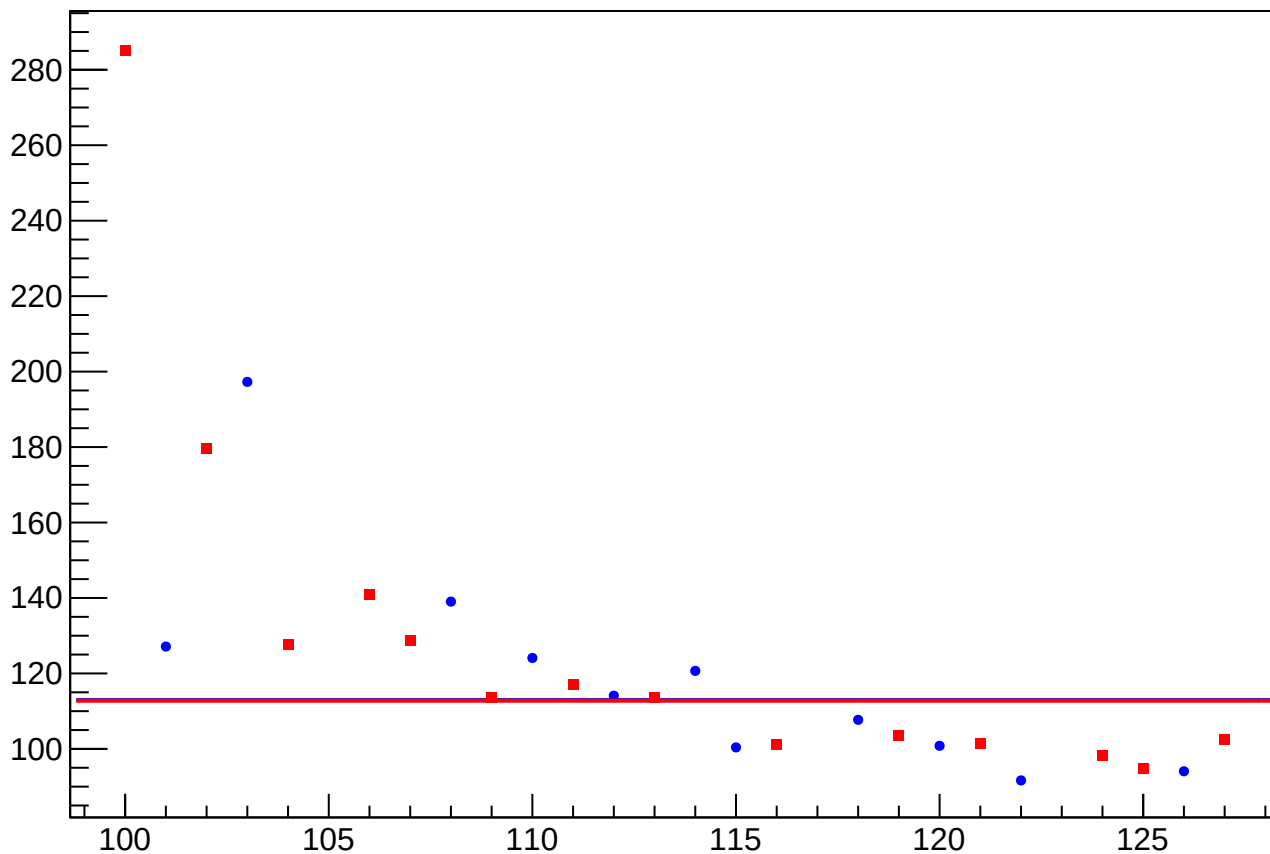
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.168+/-36.893 χ^2/NDF : 41.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_2468_avg_rms vs Slug



Right In: 112.928 $\pm$ 0.039 χ^2 /NDF: 361750.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 112.778 $\pm$ 0.035 χ^2 /NDF: 333912.8/13

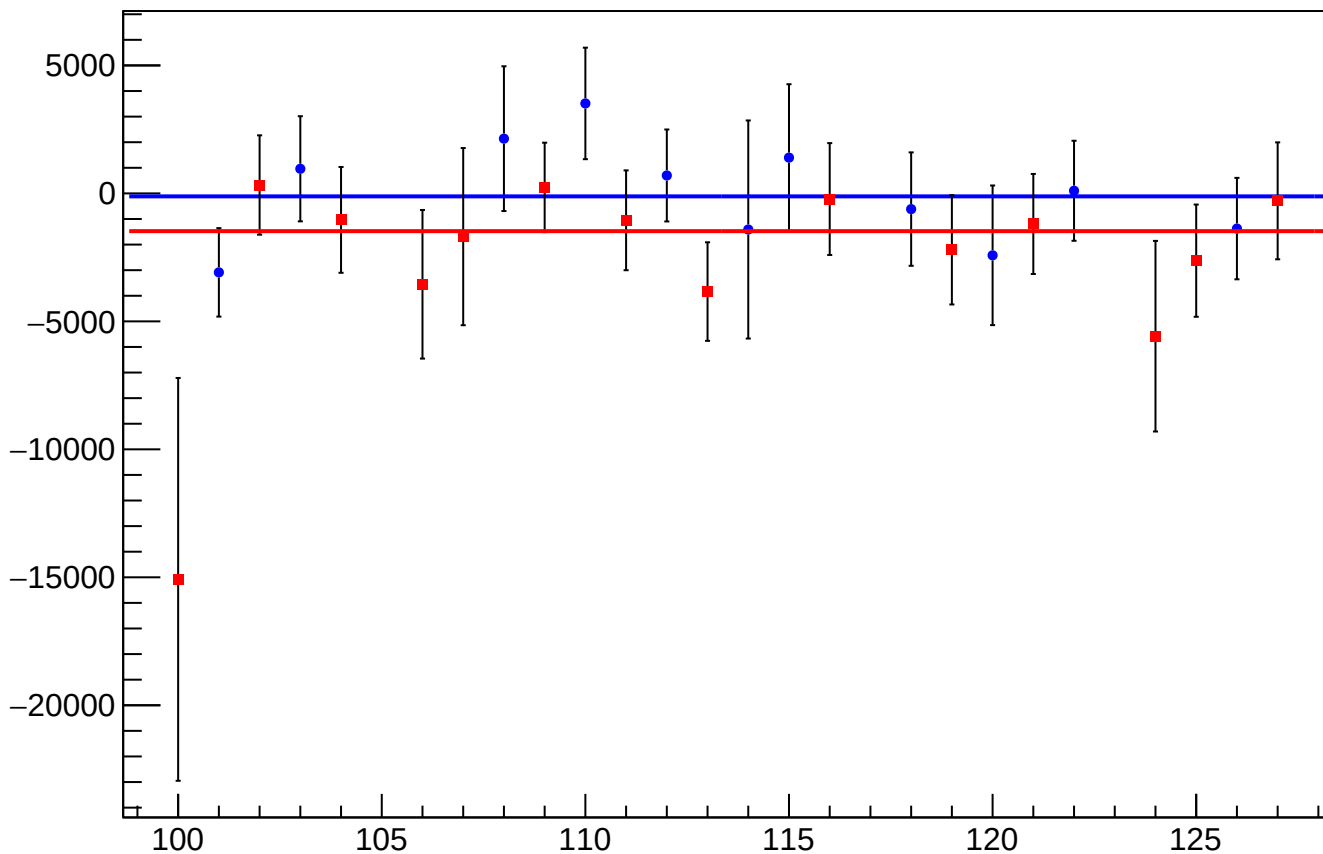
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 112.846 $\pm$ 0.026 χ^2 /NDF: 695671.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_eigen_dit_correction_mean vs Slug



Right In: -116.036+/-666.881 χ^2/NDF : 8.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1475.050+/-604.103 χ^2/NDF : 9.1/13

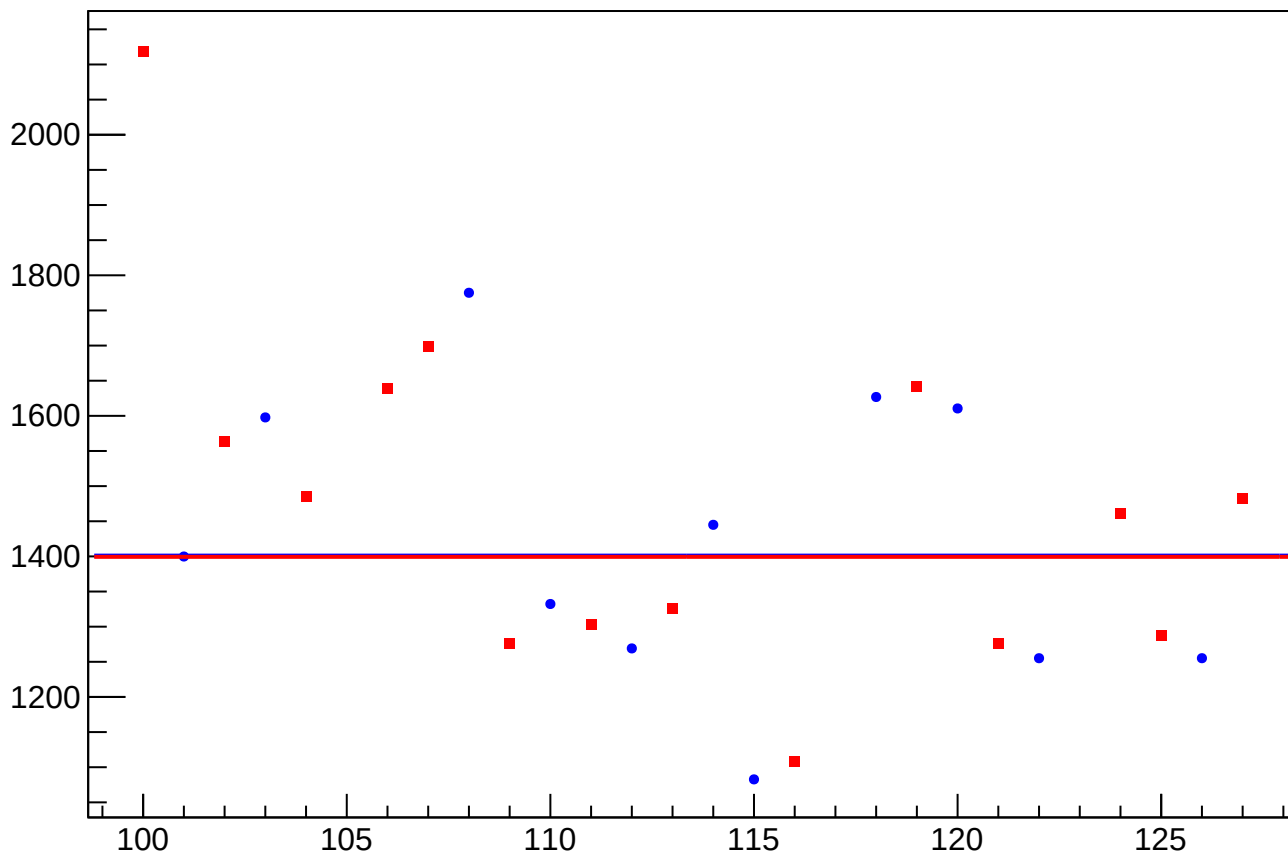
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -862.506+/-447.718 χ^2/NDF : 19.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_eigen_dit_correction_rms vs Slug



Right In: 1401.104+/-0.472 χ^2/NDF : 145544.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1399.383+/-0.427 χ^2/NDF : 158157.0/13

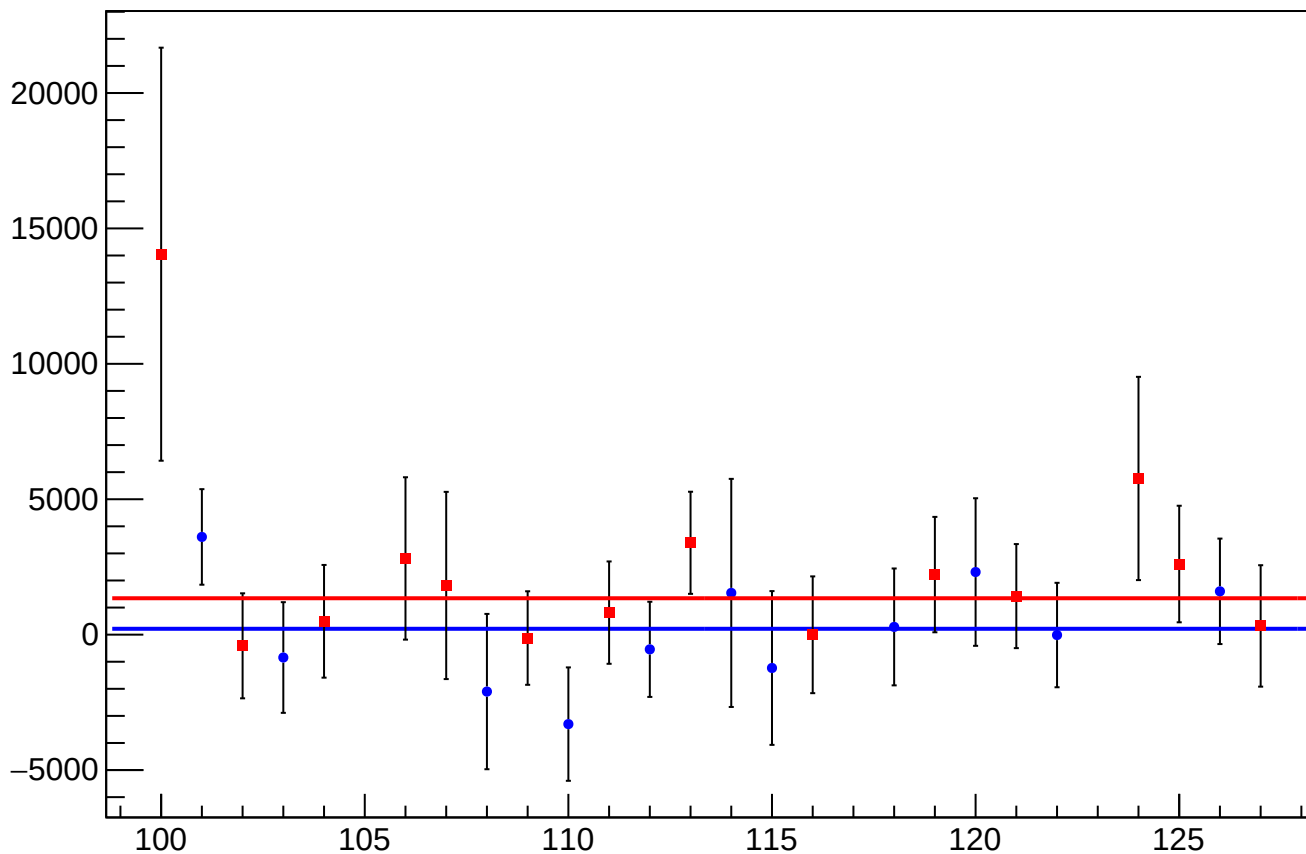
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1400.159+/-0.317 χ^2/NDF : 303709.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_mean vs Slug



Right In: 216.516 $\pm$ 659.796 χ^2 /NDF: 9.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1343.971 $\pm$ 597.810 χ^2 /NDF: 8.5/13

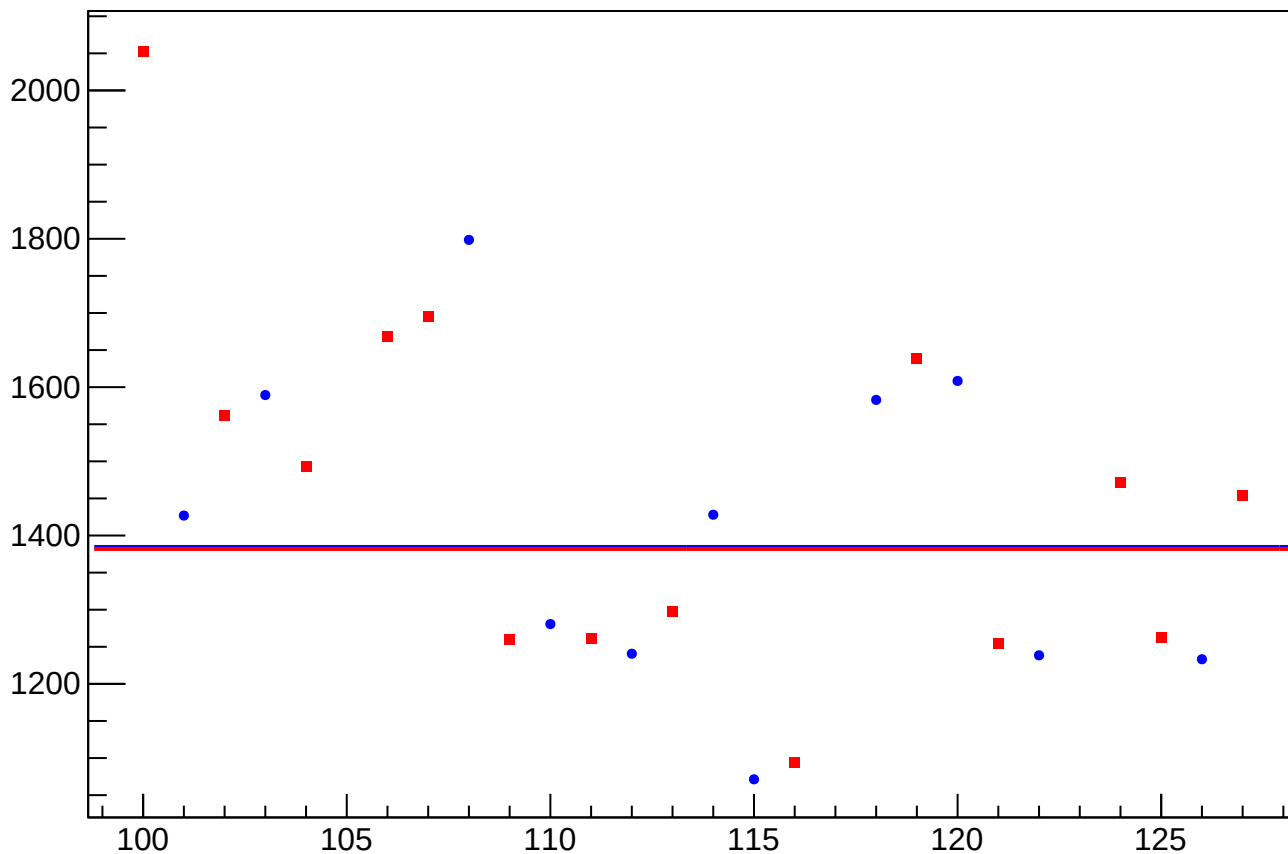
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 835.679 $\pm$ 443.013 χ^2 /NDF: 19.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_rms vs Slug



Right In: 1384.487+/-0.467 χ^2/NDF : 159774.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1381.921+/-0.423 χ^2/NDF : 178035.5/13

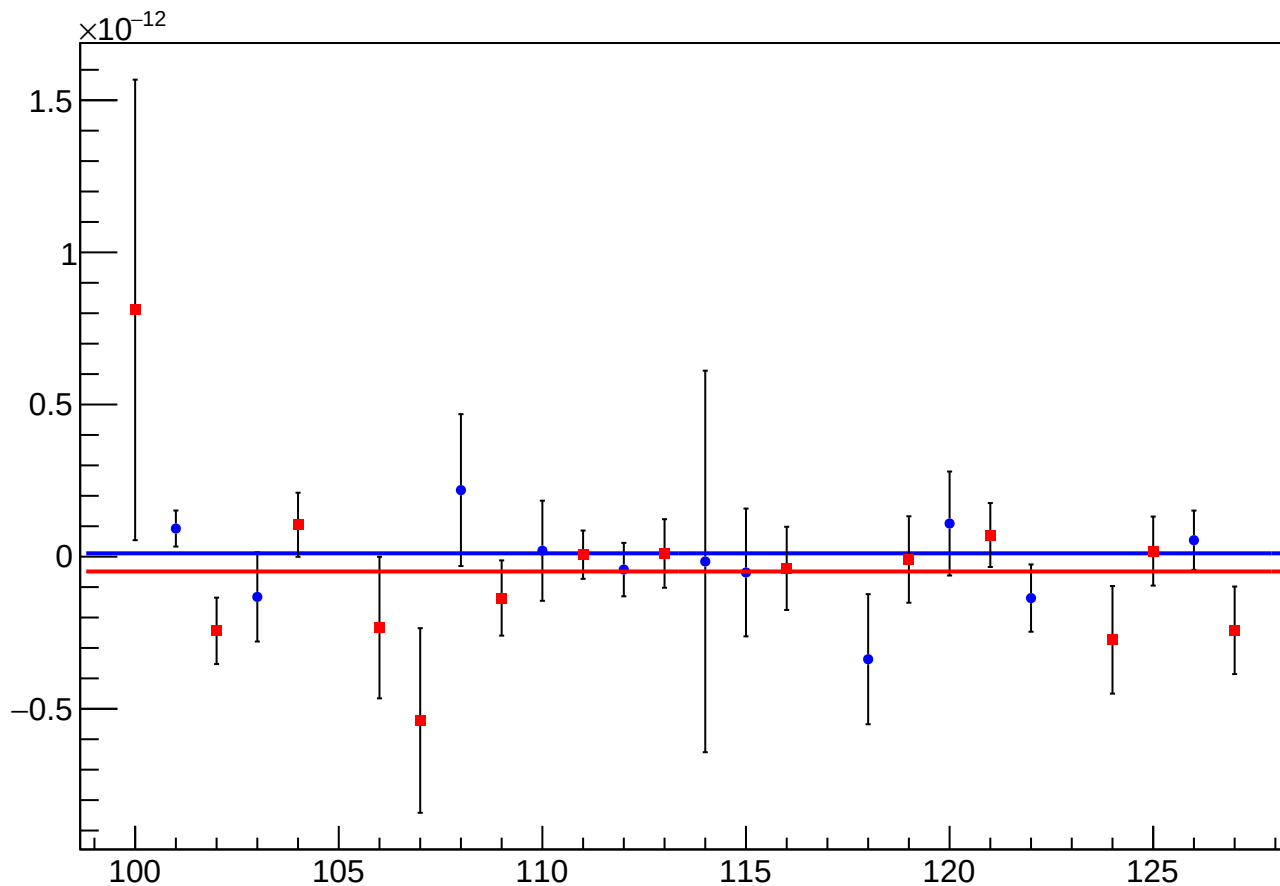
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1383.078+/-0.313 χ^2/NDF : 337827.0/24

- sign 0.000+/-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: 8.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 16.3/13

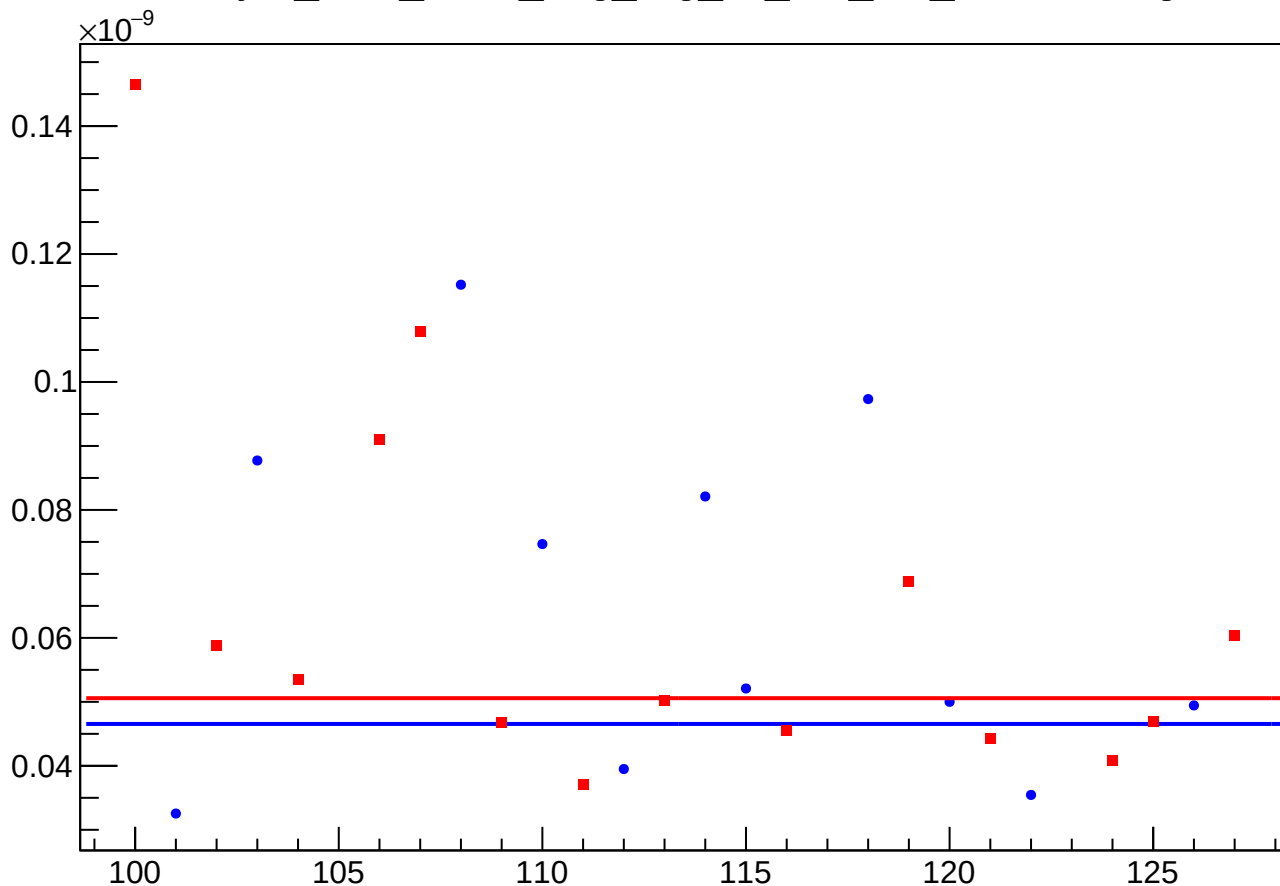
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 26.7/24

- 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 : 635383.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 296197.5/13

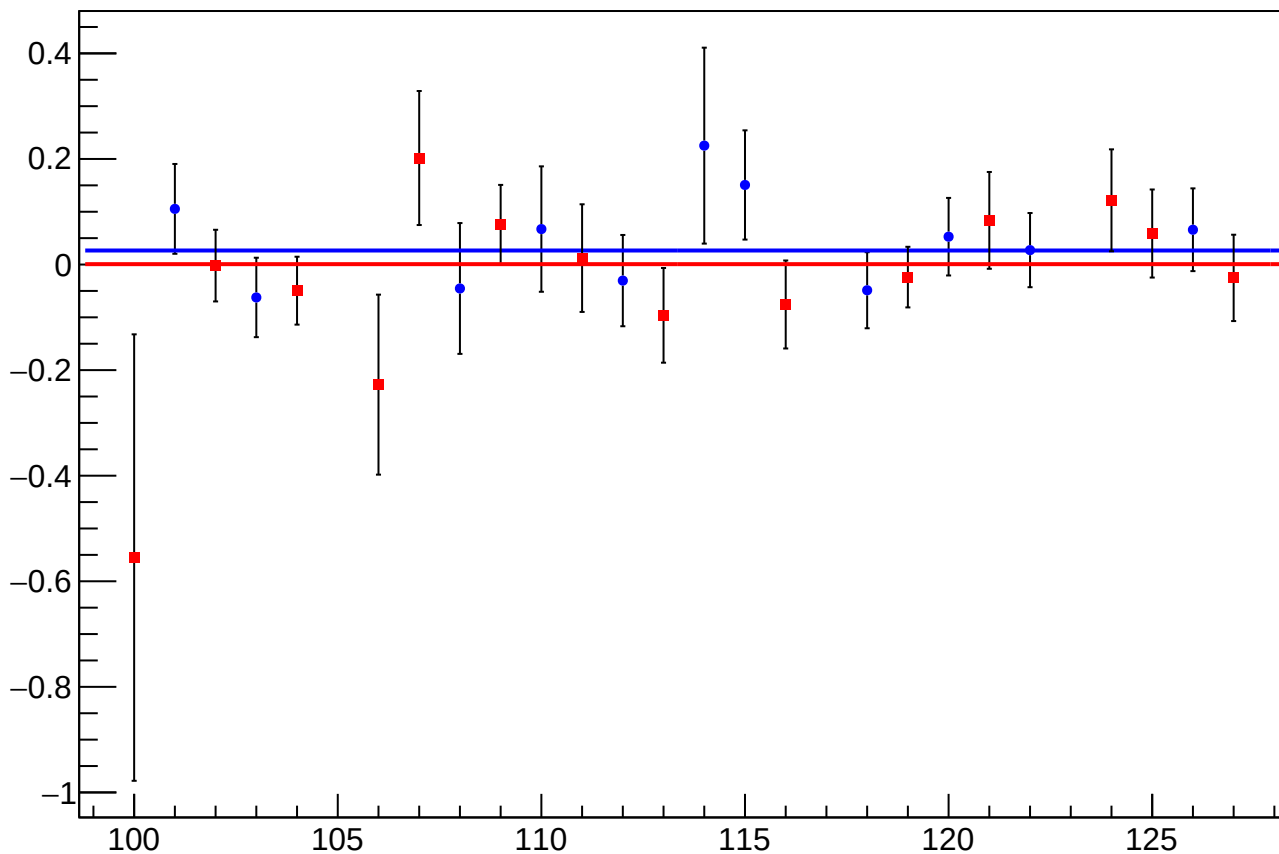
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 944885.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.027 $\pm$ 0.026 χ^2 /NDF: 7.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.001 $\pm$ 0.023 χ^2 /NDF: 12.8/13

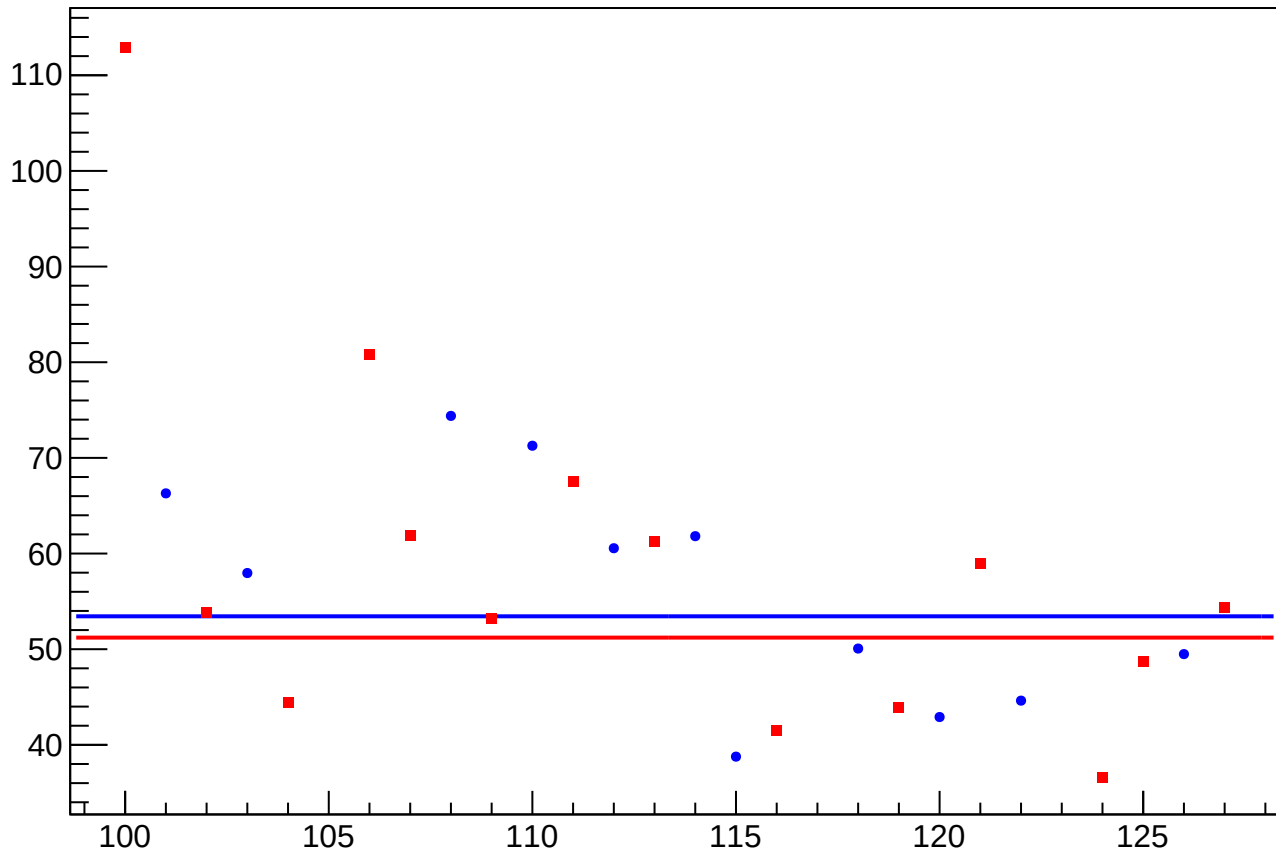
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.012 $\pm$ 0.017 χ^2 /NDF: 20.6/24

- 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: 53.438+/-0.019 χ^2/NDF : 295004.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.212+/-0.016 χ^2/NDF : 344375.5/13

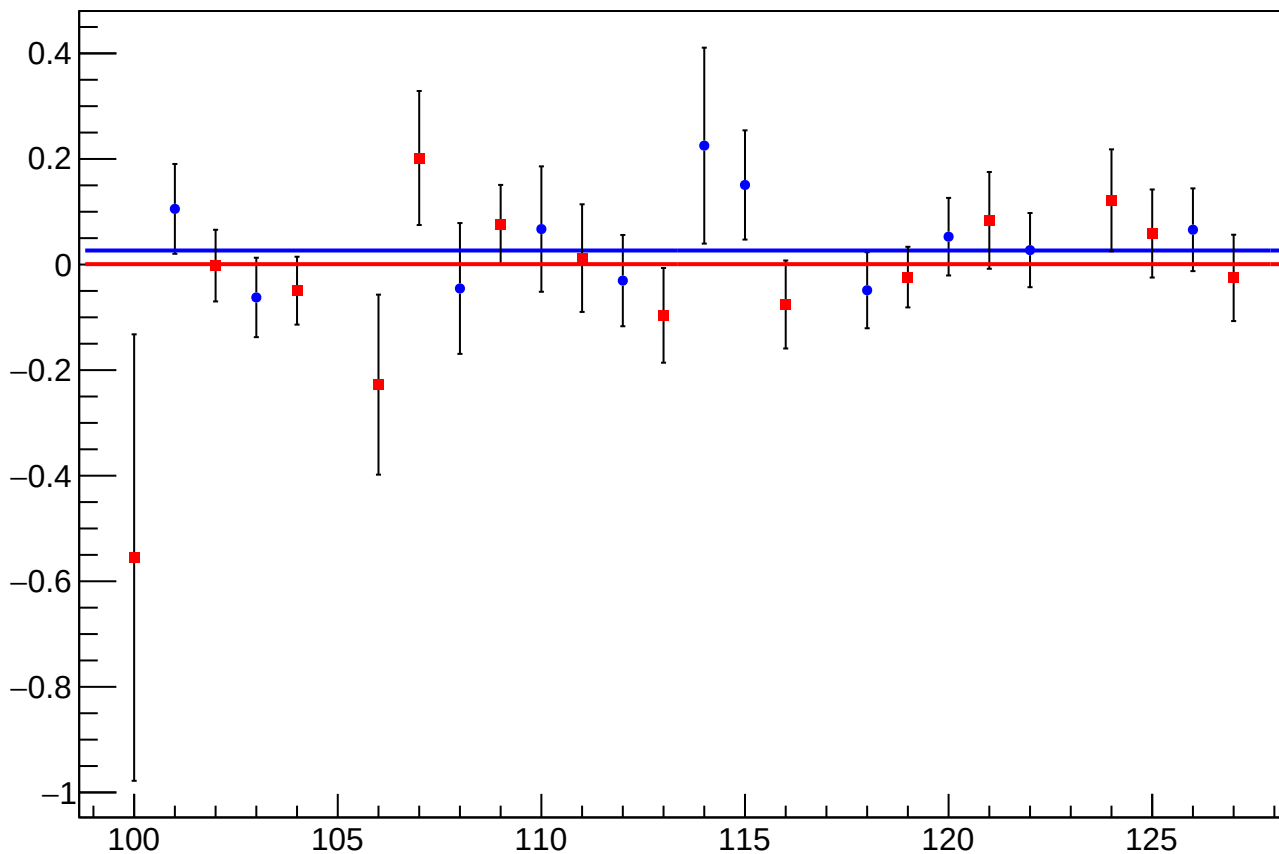
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.169+/-0.012 χ^2/NDF : 647579.5/24

- 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: 0.027 $\pm$ 0.026 χ^2 /NDF: 7.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.001 $\pm$ 0.023 χ^2 /NDF: 12.8/13

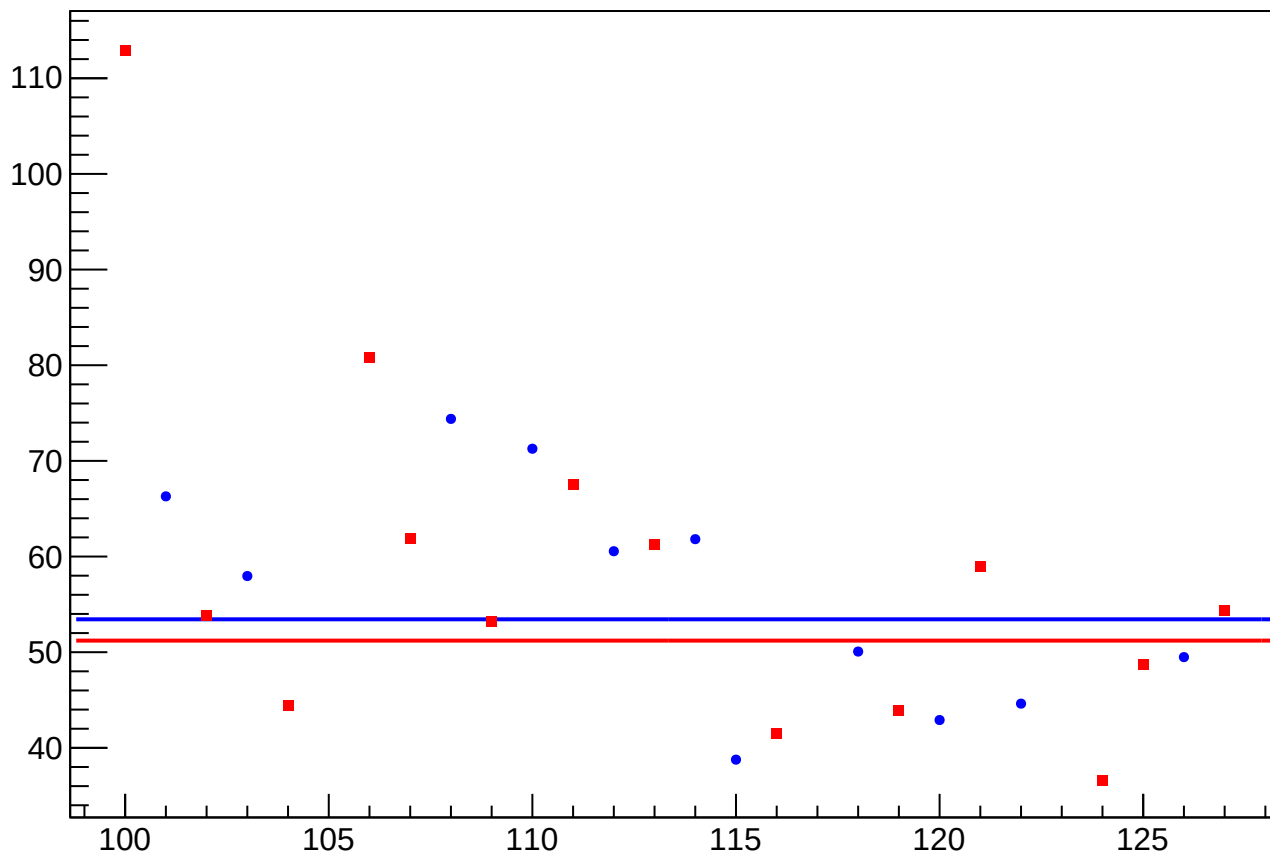
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.012 $\pm$ 0.017 χ^2 /NDF: 20.6/24

- 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: 53.438+/-0.019 χ^2/NDF : 295004.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.212+/-0.016 χ^2/NDF : 344375.5/13

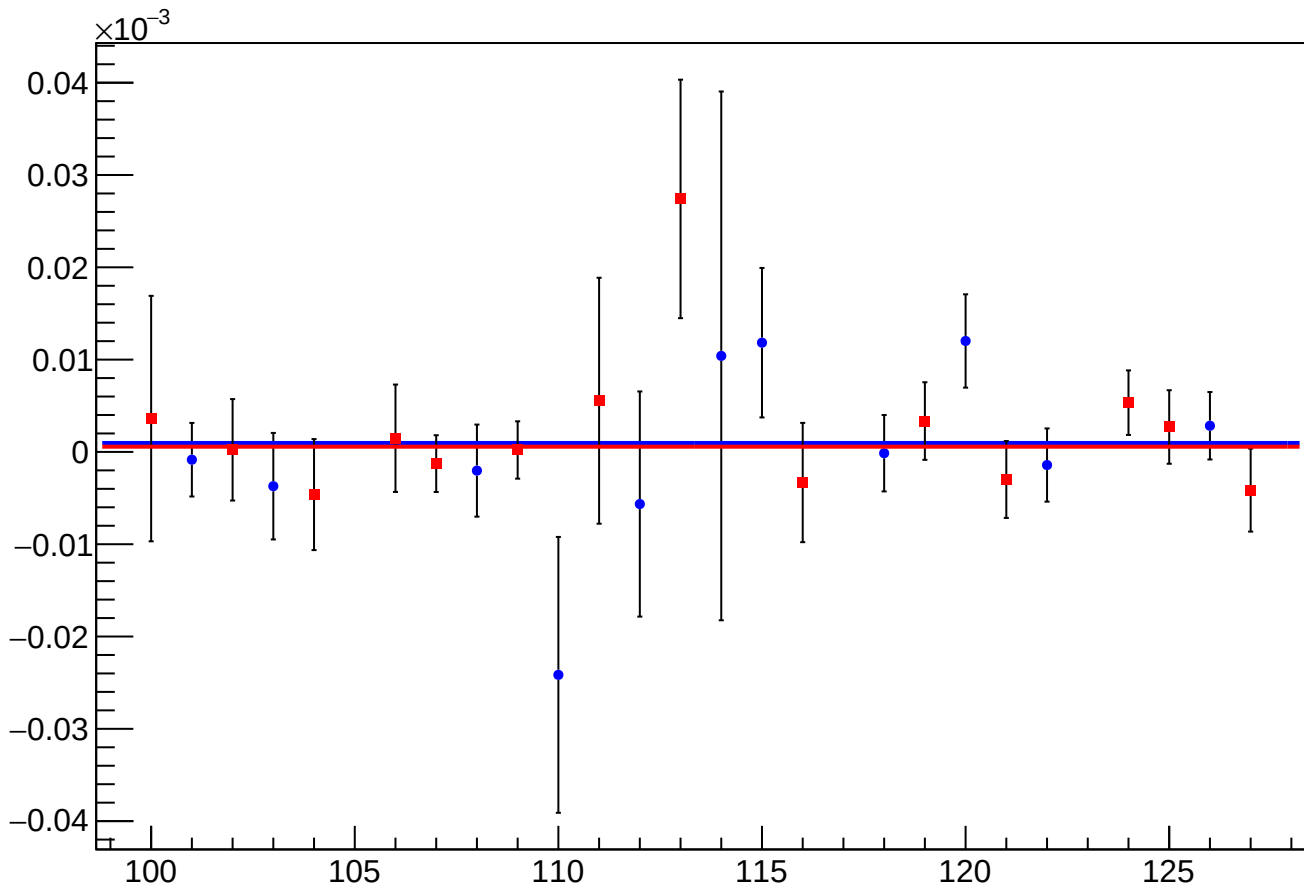
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.169+/-0.012 χ^2/NDF : 647579.5/24

- 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: 11.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.4/13

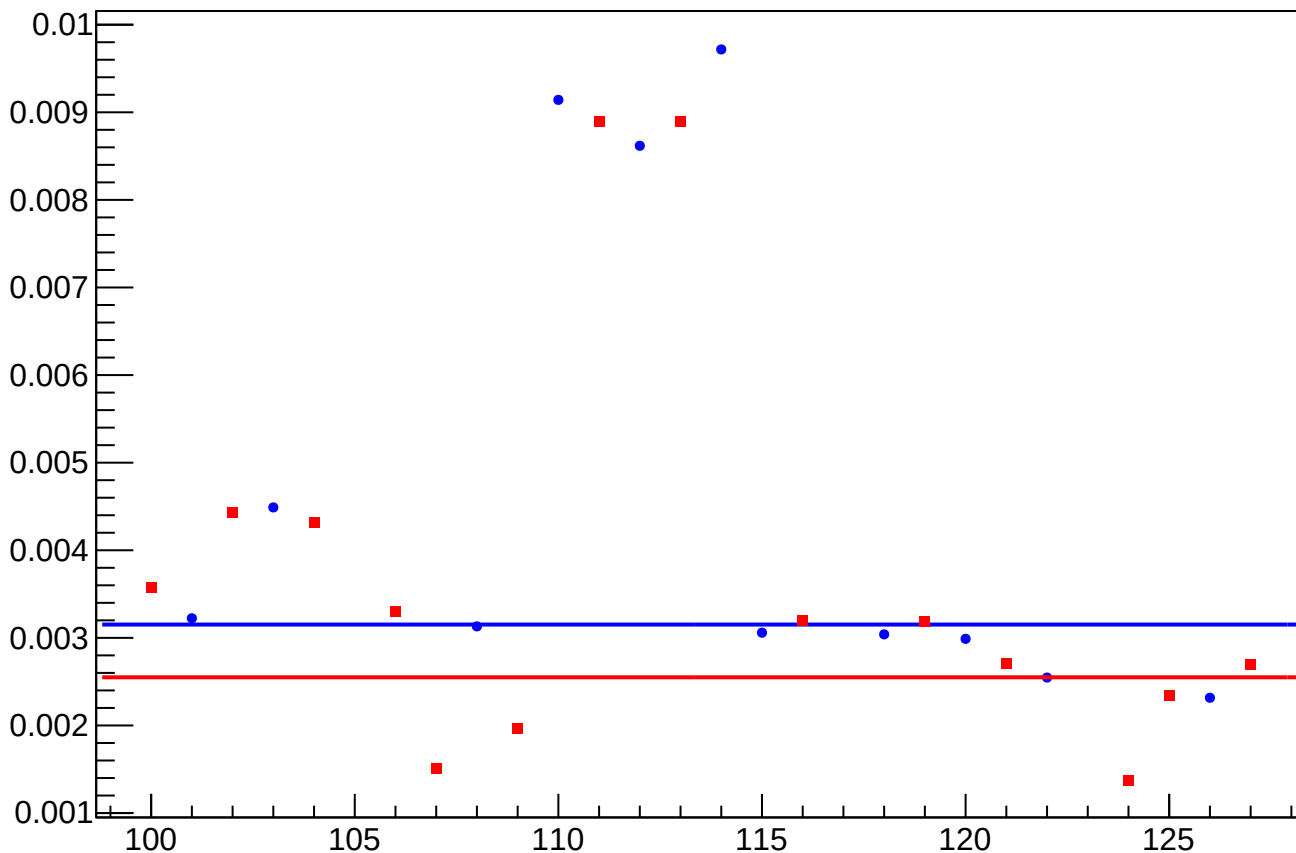
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 22.2/24

- 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: 0.003+/-0.000 χ^2/NDF : 1091164.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1995631.3/13

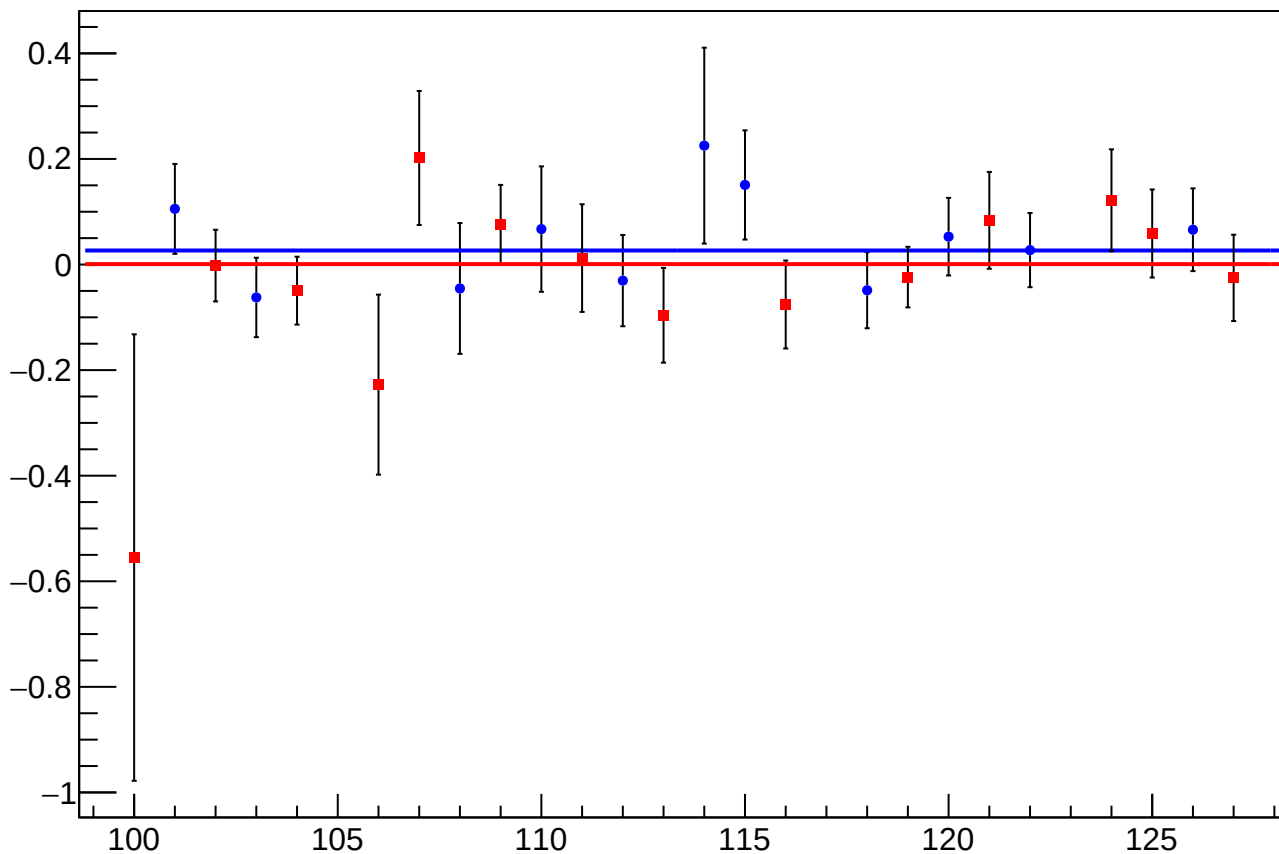
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3265426.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.027 $\pm$ 0.026 χ^2 /NDF: 7.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.001 $\pm$ 0.023 χ^2 /NDF: 12.8/13

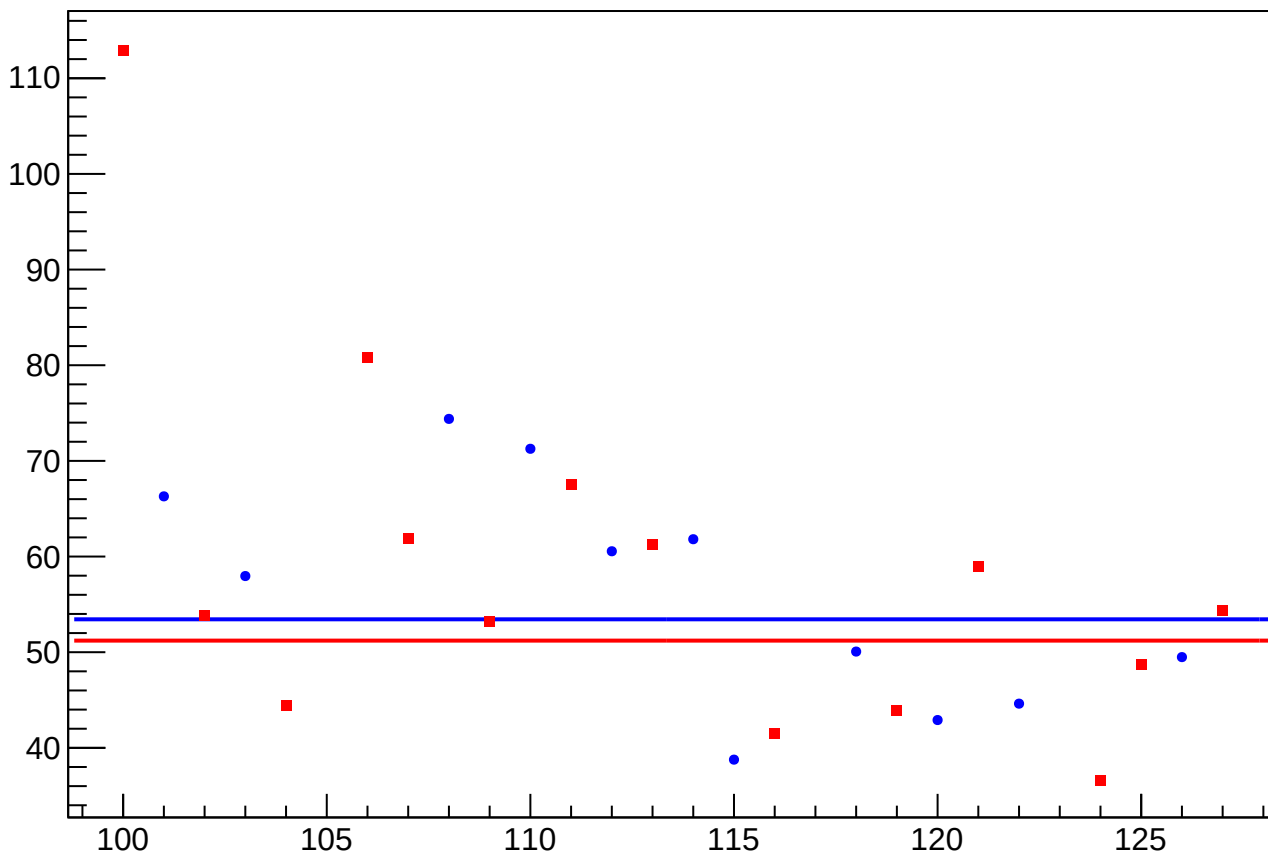
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.012 $\pm$ 0.017 χ^2 /NDF: 20.6/24

- 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: 53.438+/-0.019 χ^2/NDF : 294969.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.212+/-0.016 χ^2/NDF : 344314.3/13

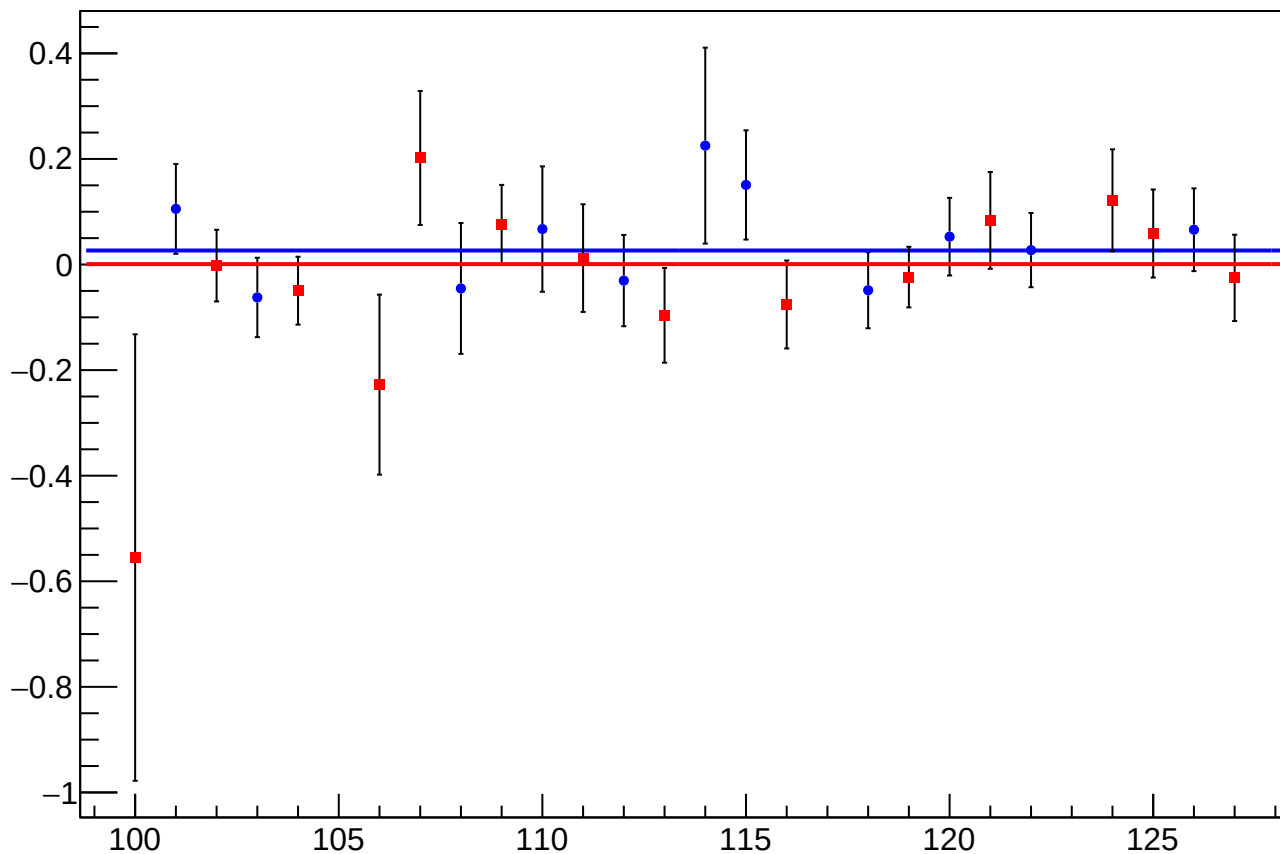
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.168+/-0.012 χ^2/NDF : 647483.7/24

- 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: 0.027 $\pm$ 0.026 χ^2 /NDF: 7.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.023 χ^2 /NDF: 12.8/13

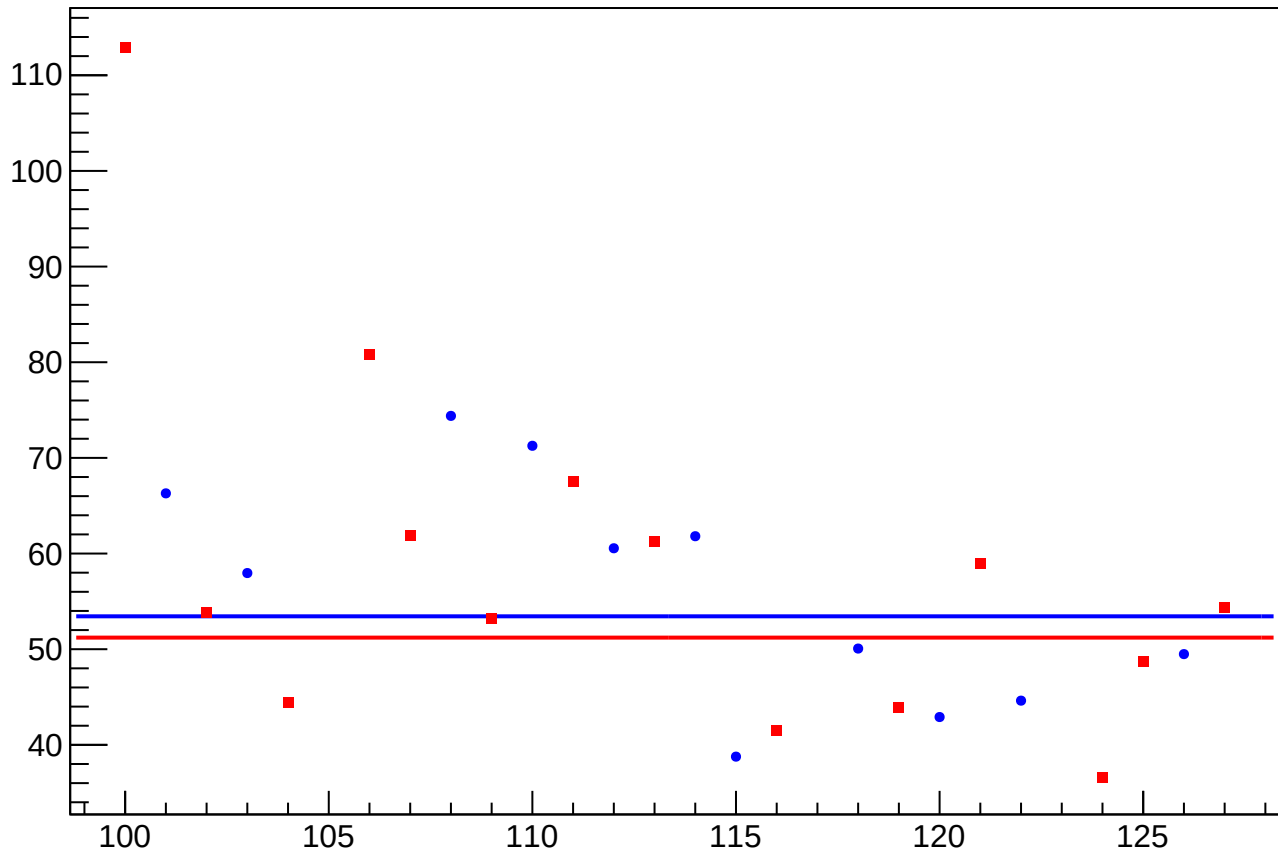
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.012 $\pm$ 0.017 χ^2 /NDF: 20.6/24

- 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: 53.438 $\pm$ 0.019 χ^2 /NDF: 294969.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 51.212 $\pm$ 0.016 χ^2 /NDF: 344314.3/13

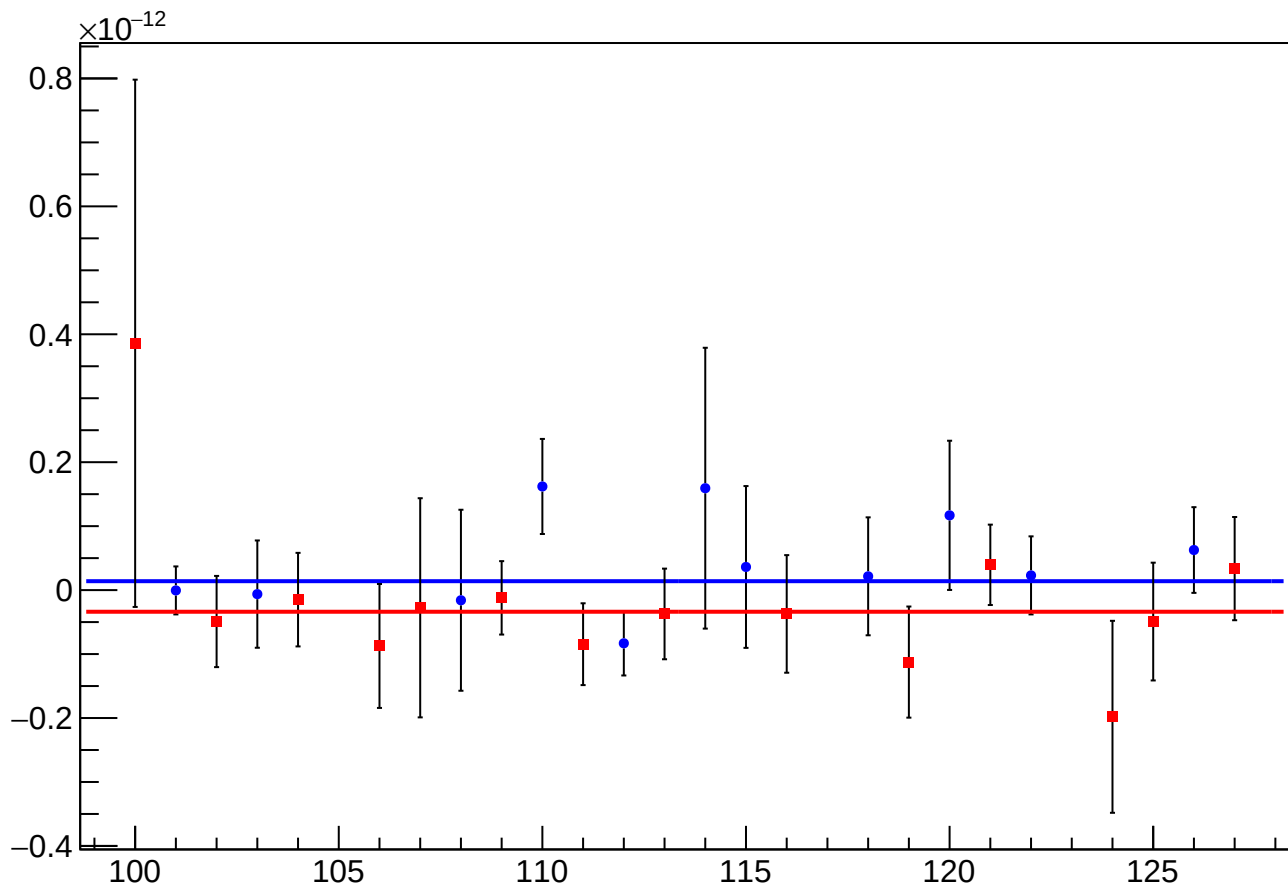
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 52.168 $\pm$ 0.012 χ^2 /NDF: 647483.7/24

- sign 0.000 $\pm$ 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 χ^2/NDF : 9.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.3/13

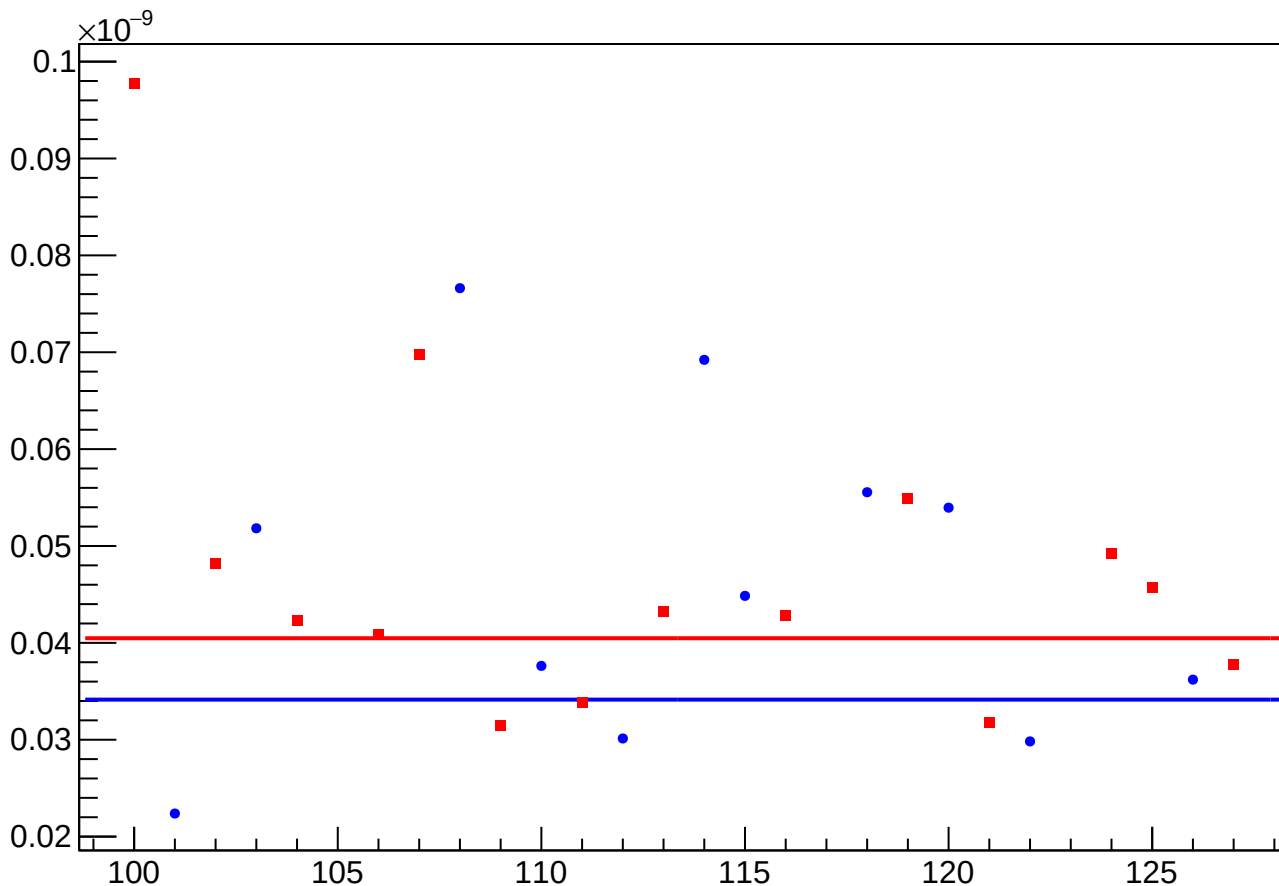
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.6/24

- sign 0.000+/-0.000 χ^2/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 : 725521.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 305455.1/13

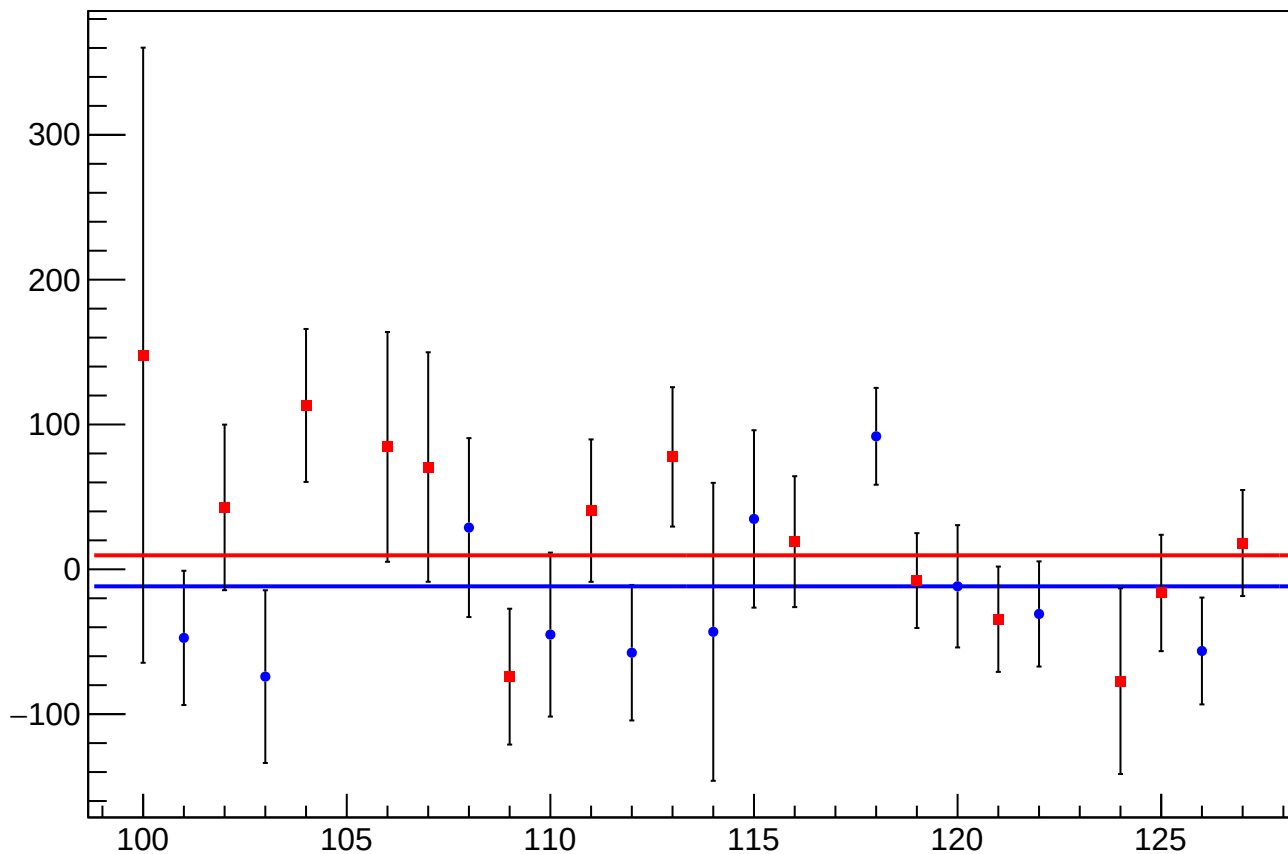
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1118032.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_2468_dd_mean vs Slug



Right In: -11.753 ± 14.020 χ^2/NDF : 15.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 9.667 ± 12.811 χ^2/NDF : 15.8/13

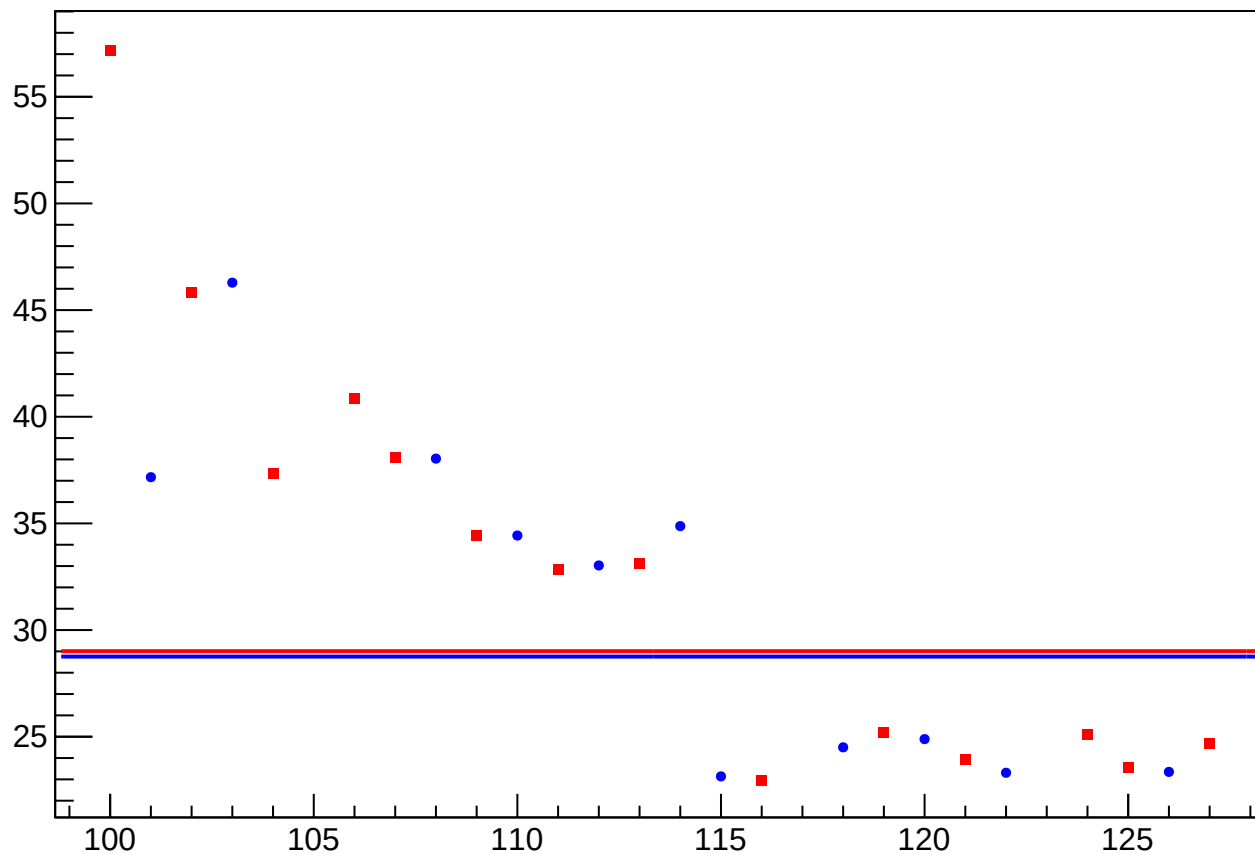
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.080 ± 9.457 χ^2/NDF : 32.5/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_2468_dd_rms vs Slug



Right In: 28.757+/-0.010 χ^2/NDF : 481594.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.008+/-0.009 χ^2/NDF : 556430.6/13

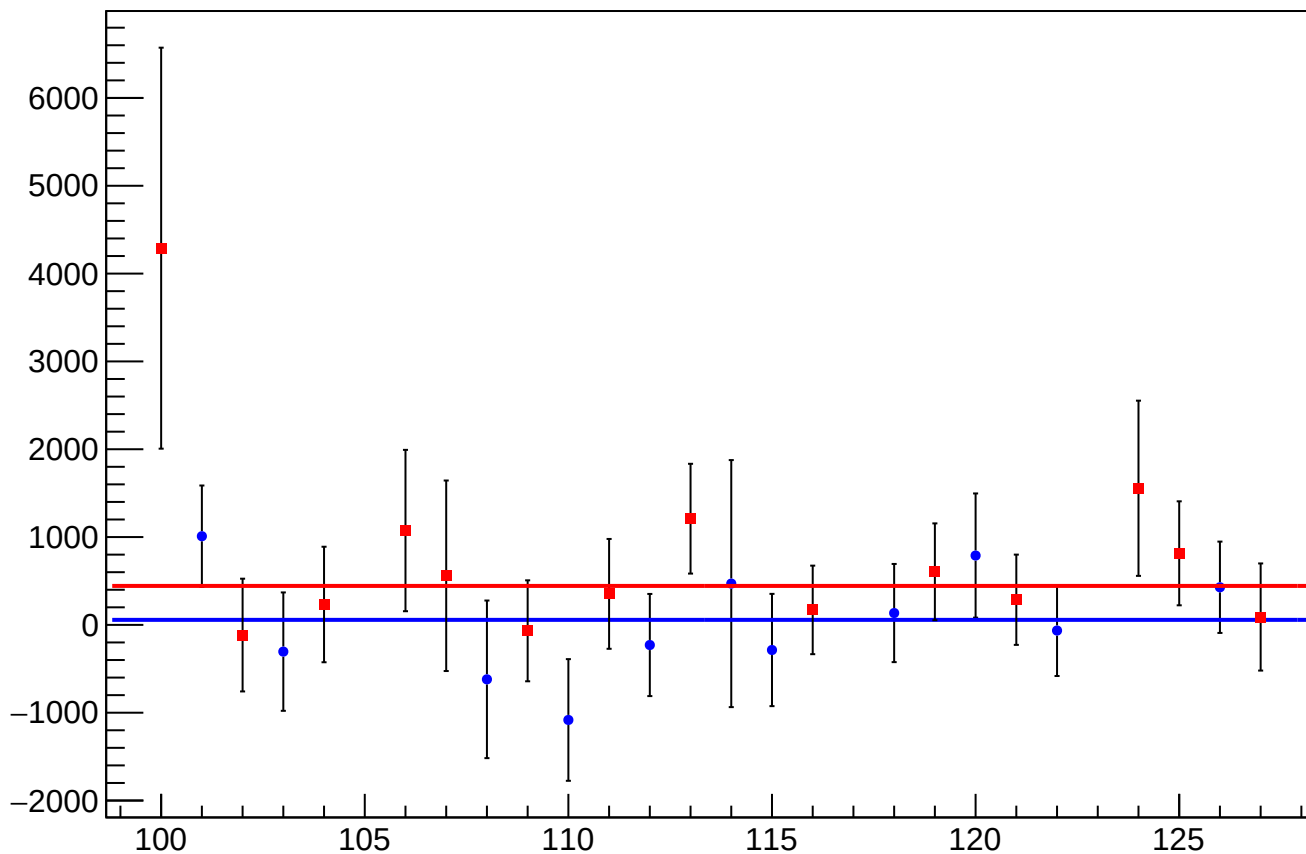
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.894+/-0.007 χ^2/NDF : 1038375.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_reg_correction_mean vs Slug



Right In: 57.201+/-192.202 χ^2/NDF : 8.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 443.713+/-174.962 χ^2/NDF : 8.9/13

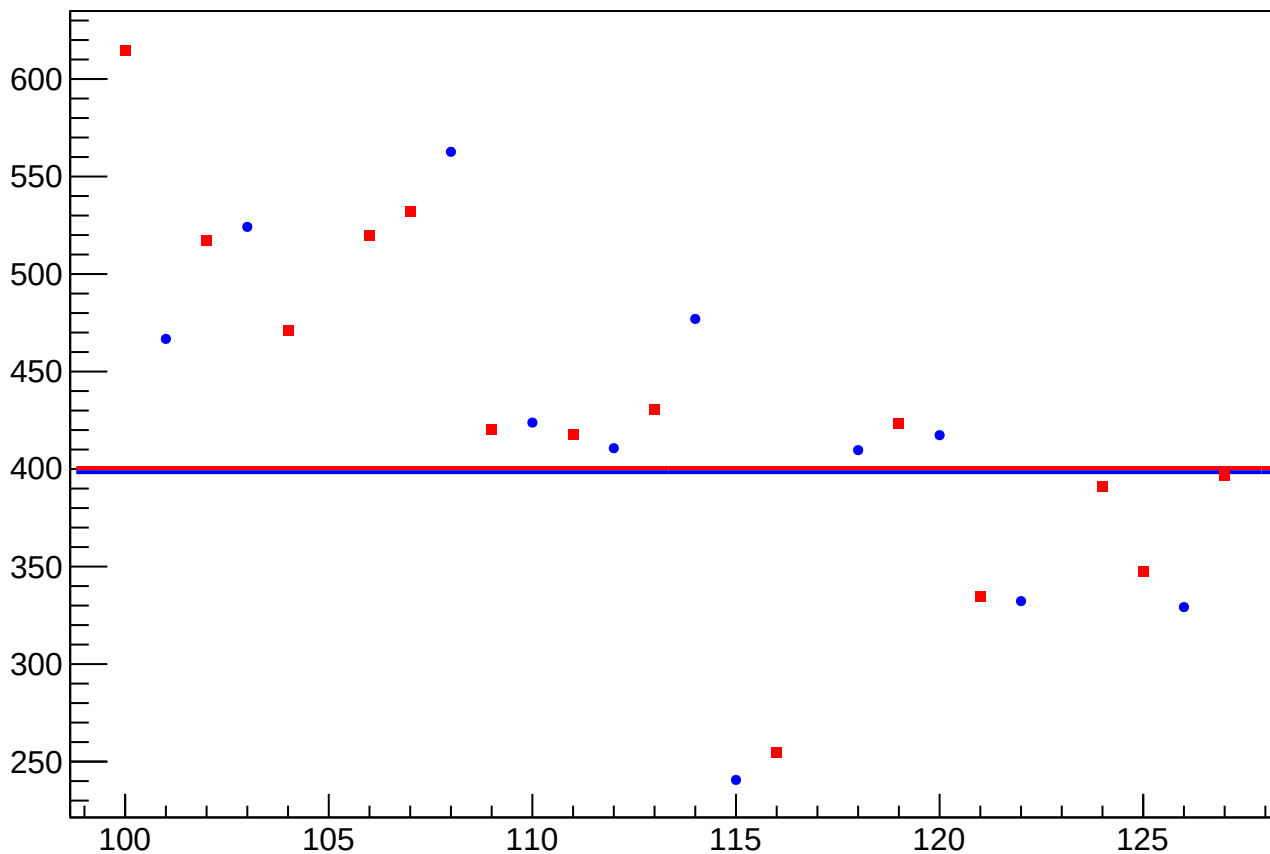
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 268.565+/-129.383 χ^2/NDF : 19.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_reg_correction_rms vs Slug



Right In: 398.414+/-0.136 χ^2/NDF : 366755.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 400.535+/-0.124 χ^2/NDF : 397563.8/13

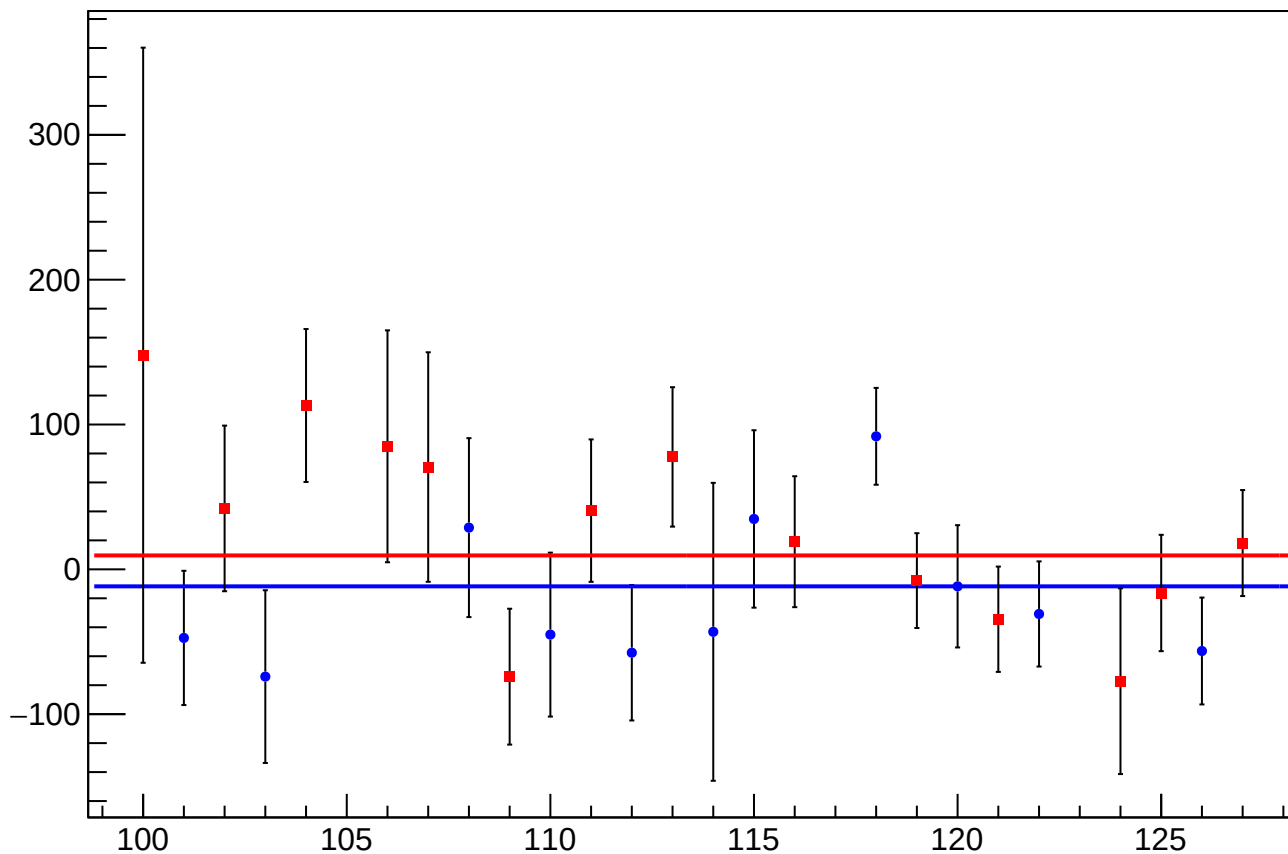
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 399.574+/-0.091 χ^2/NDF : 764452.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_1357_2468_dd_mean vs Slug



Right In: -11.749 $\pm$ 14.020 χ^2 /NDF: 15.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.601 $\pm$ 12.814 χ^2 /NDF: 15.7/13

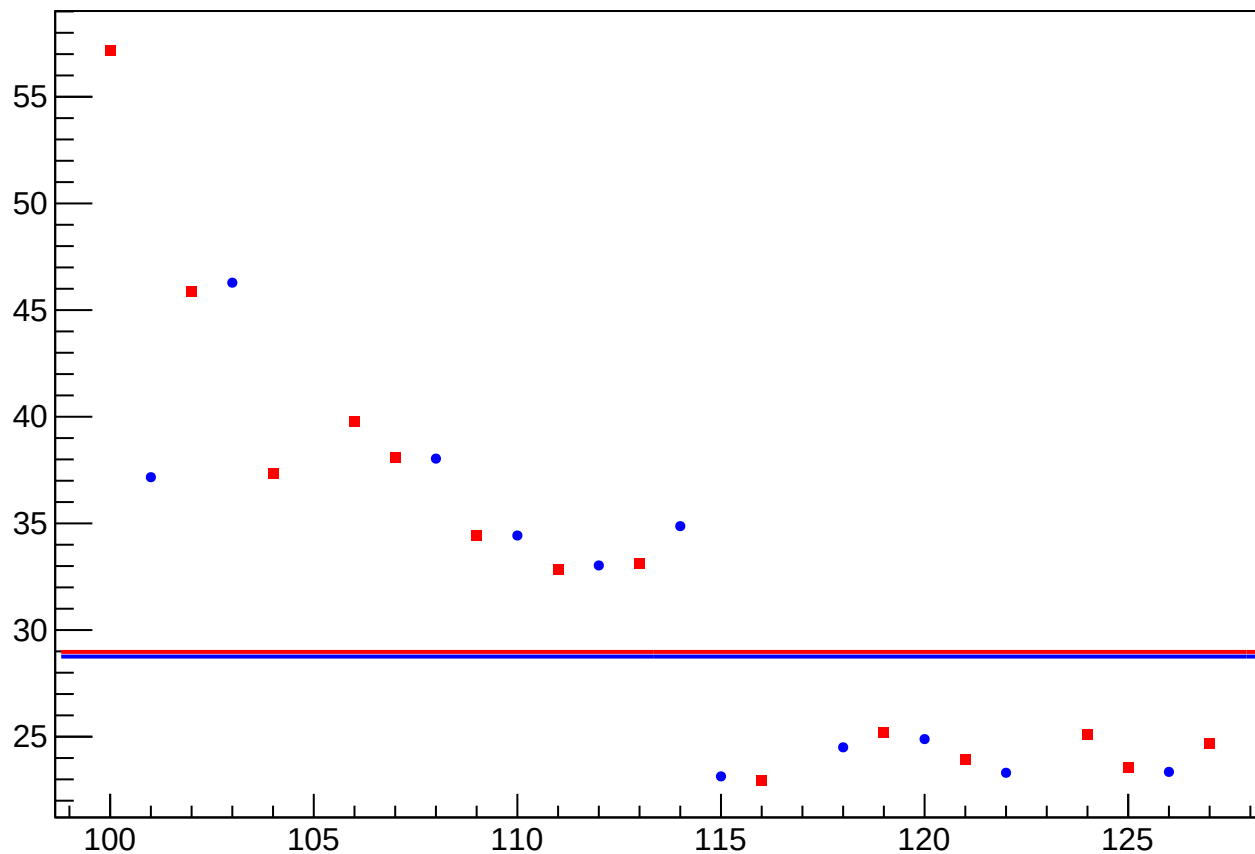
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.117 $\pm$ 9.459 χ^2 /NDF: 32.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_1357_2468_dd_rms vs Slug



Right In: 28.757 $\pm$ 0.010 χ^2 /NDF: 481597.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 28.975 $\pm$ 0.009 χ^2 /NDF: 548208.3/13

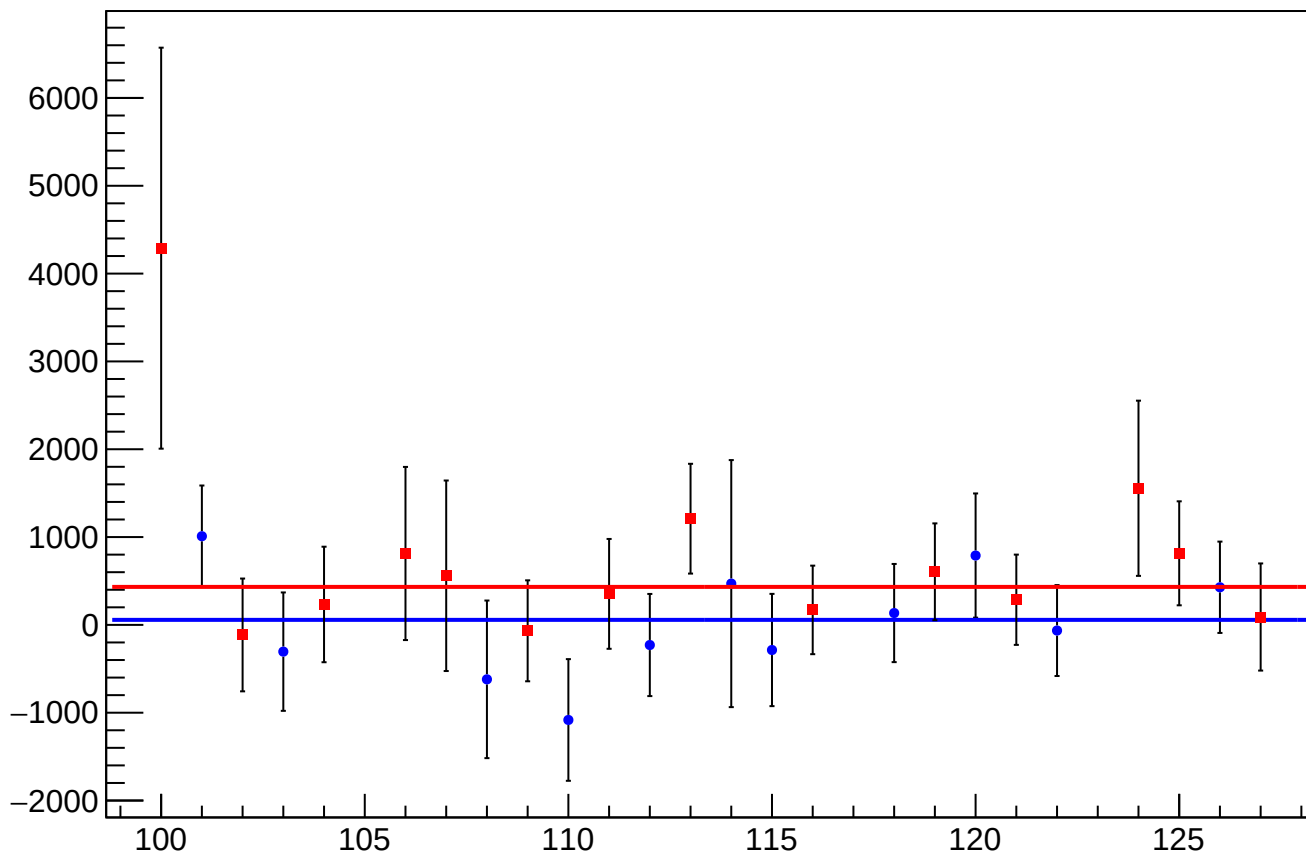
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.875 $\pm$ 0.007 χ^2 /NDF: 1030069.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_cor_correction_mean vs Slug



Right In: 57.187 $\pm$ 192.202 χ^2 /NDF: 8.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 432.574 $\pm$ 175.387 χ^2 /NDF: 8.6/13

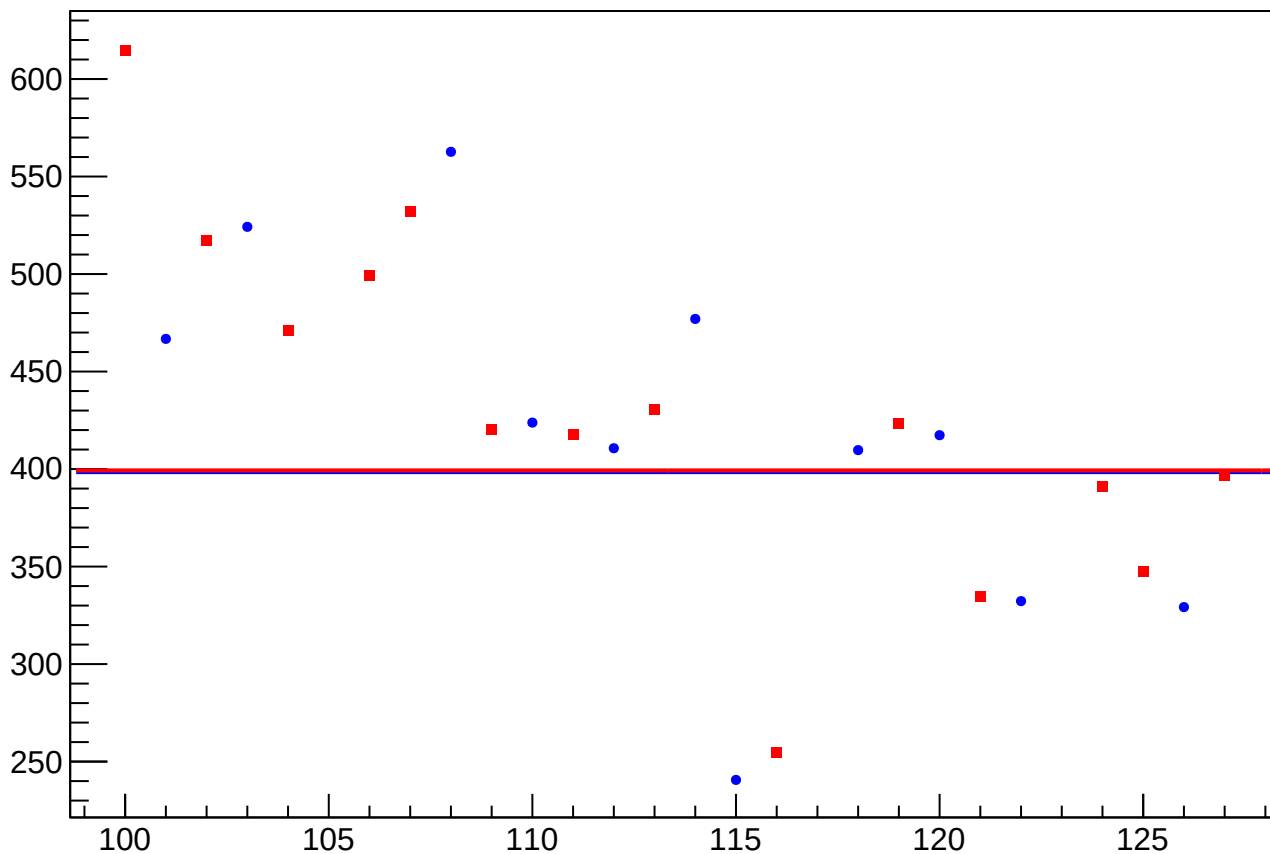
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 262.017 $\pm$ 129.555 χ^2 /NDF: 19.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_cor_correction_rms vs Slug



Right In: 398.415+/-0.136 χ^2/NDF : 366778.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 399.329+/-0.124 χ^2/NDF : 384103.3/13

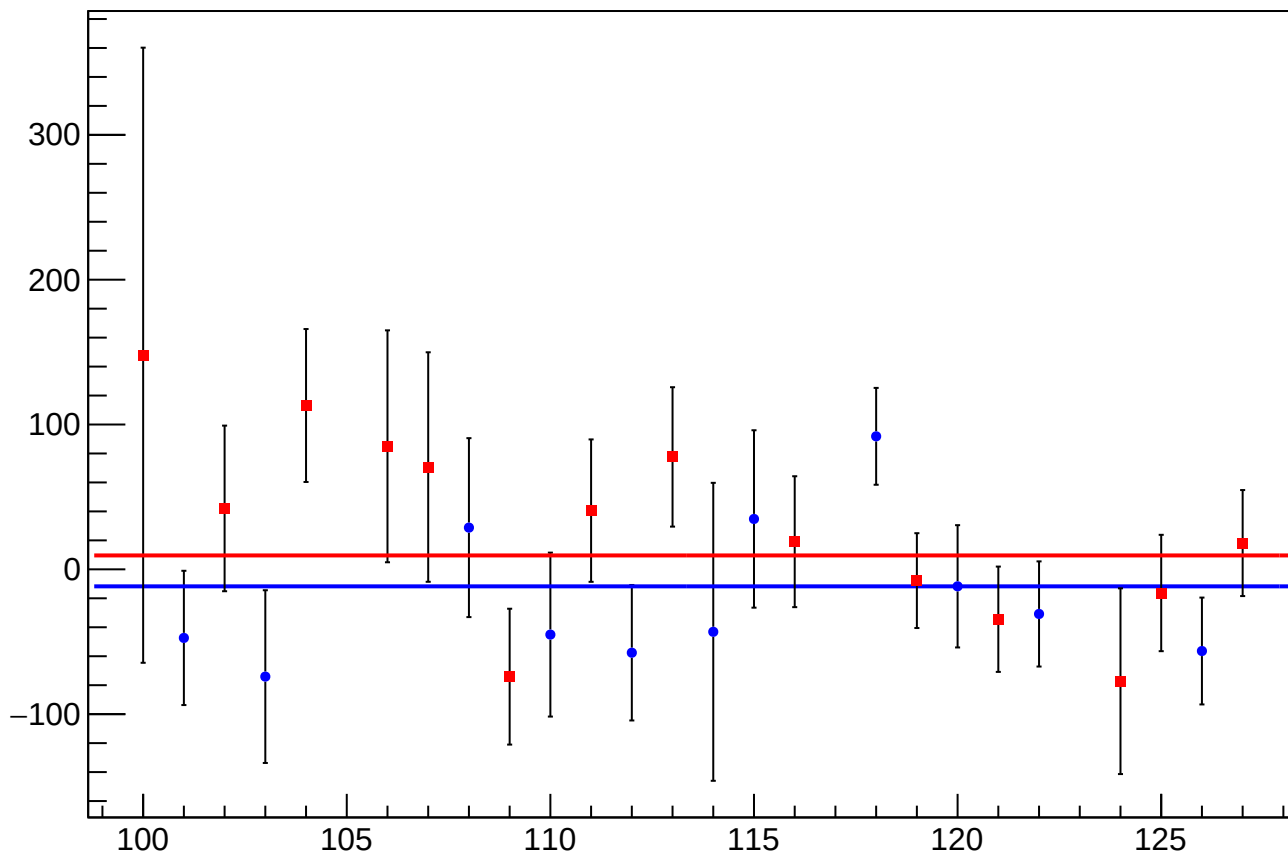
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 398.914+/-0.092 χ^2/NDF : 750906.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_1357_2468_dd_mean vs Slug



Right In: -11.749 $\pm$ 14.020 χ^2 /NDF: 15.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.601 $\pm$ 12.814 χ^2 /NDF: 15.7/13

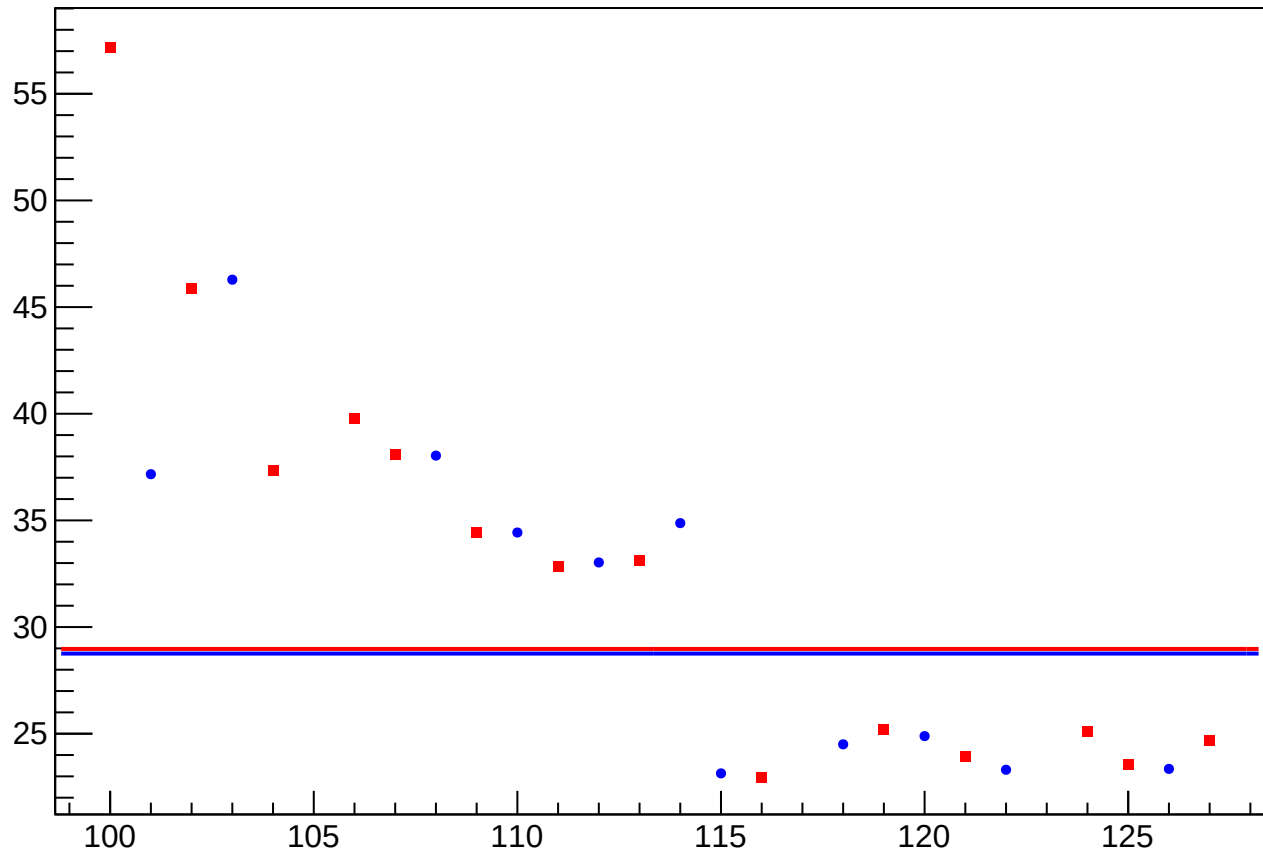
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.117 $\pm$ 9.459 χ^2 /NDF: 32.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_1357_2468_dd_rms vs Slug



Right In: 28.757 $\pm$ 0.010 χ^2 /NDF: 481597.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 28.975 $\pm$ 0.009 χ^2 /NDF: 548208.3/13

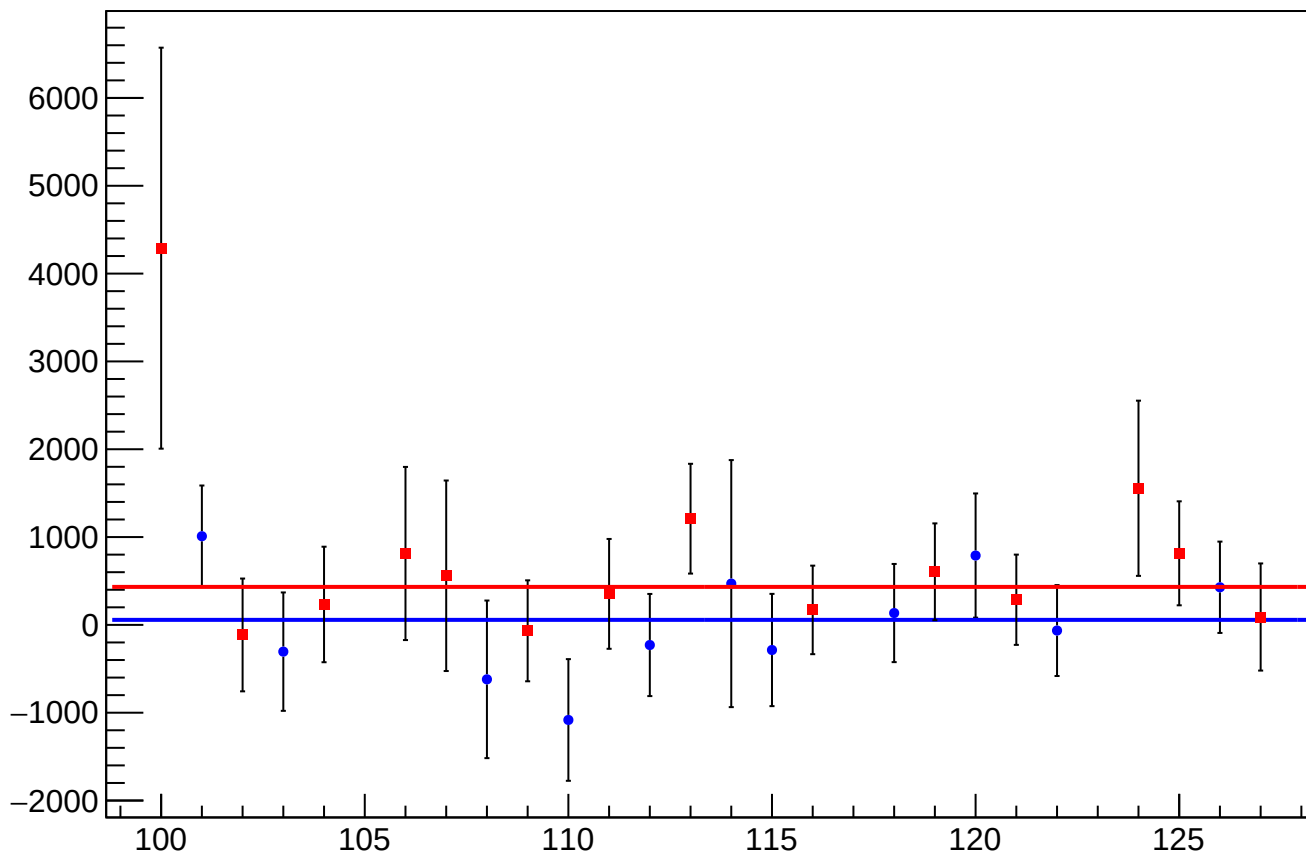
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.875 $\pm$ 0.007 χ^2 /NDF: 1030069.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_eigen_cor_correction_mean vs Slug



Right In: 57.187 $\pm$ 192.202 χ^2 /NDF: 8.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 432.574 $\pm$ 175.387 χ^2 /NDF: 8.6/13

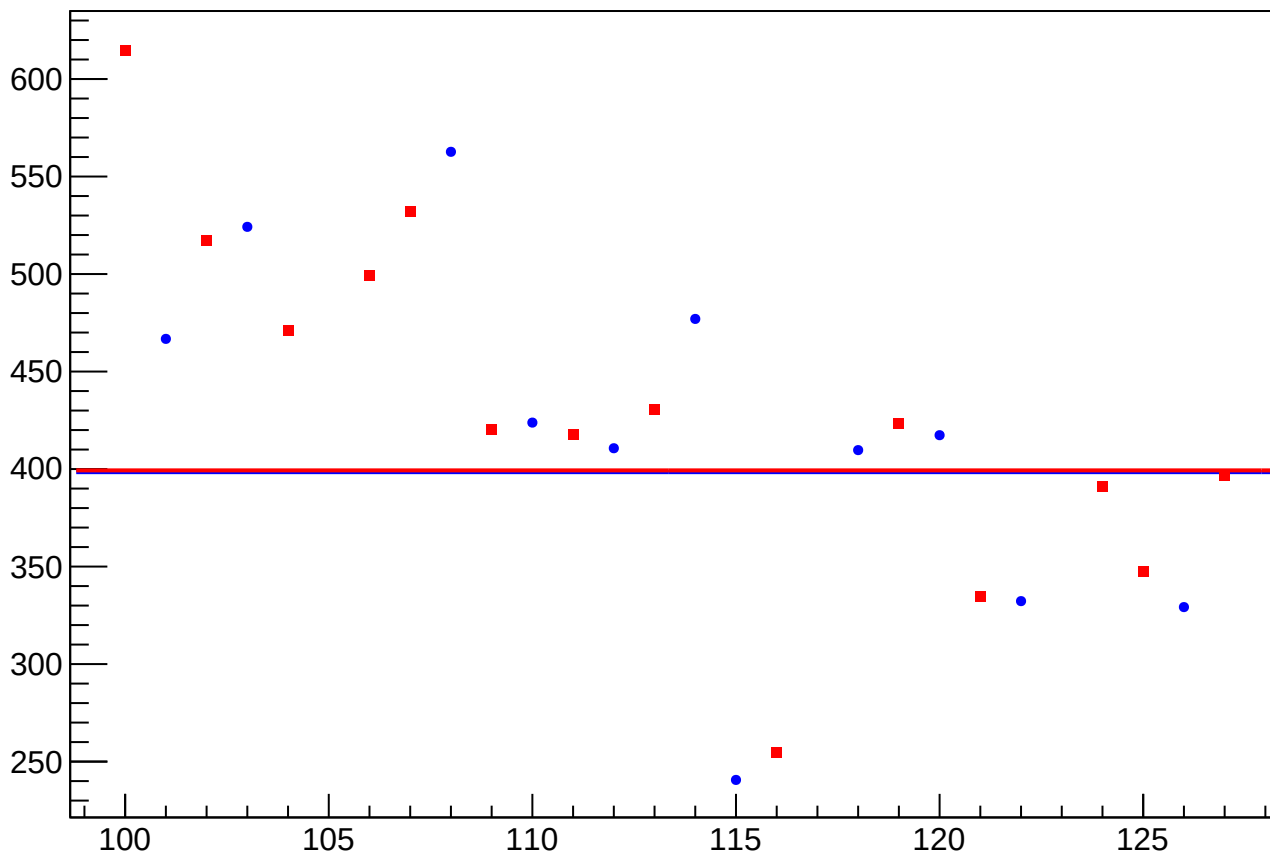
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 262.017 $\pm$ 129.555 χ^2 /NDF: 19.2/24

- 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: 398.415+/-0.136 χ^2/NDF : 366778.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 399.329+/-0.124 χ^2/NDF : 384103.3/13

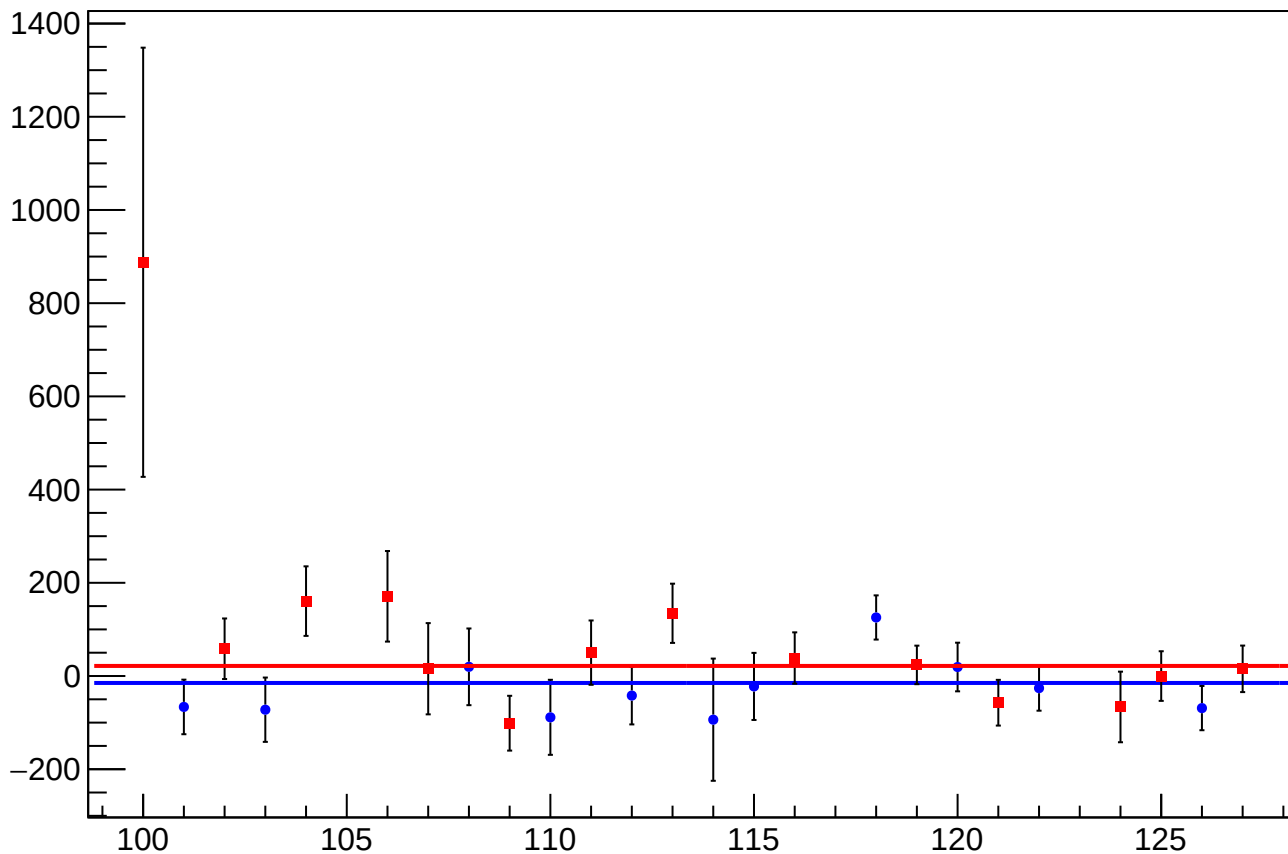
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 398.914+/-0.092 χ^2/NDF : 750906.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_2468_dd_mean vs Slug



Right In: -14.902 ± 18.265 χ^2/NDF : 13.6/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 21.628 ± 16.582 χ^2/NDF : 21.6/13

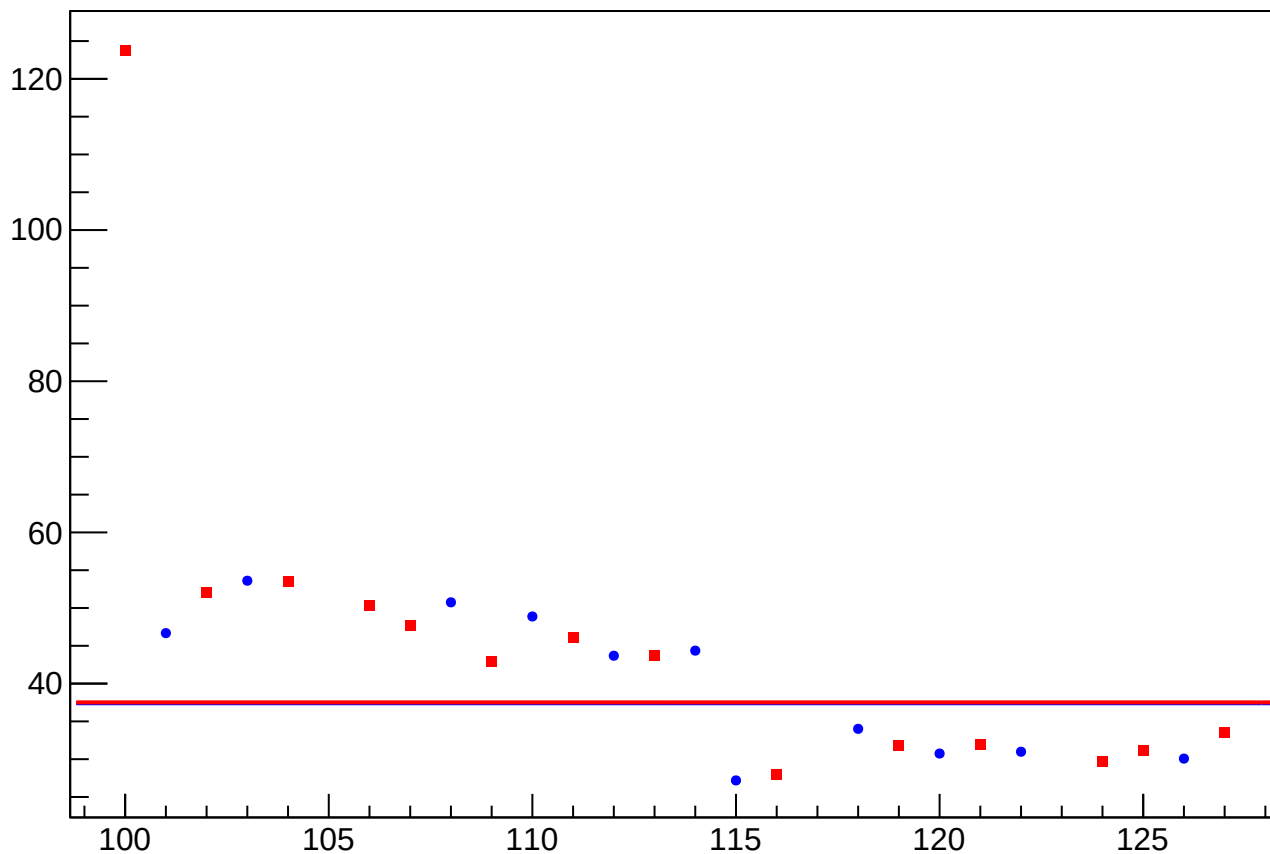
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 5.124 ± 12.277 χ^2/NDF : 37.4/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_2468_dd_rms vs Slug



Right In: 37.401 $\pm$ 0.013 χ^2 /NDF: 445757.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 37.518 $\pm$ 0.012 χ^2 /NDF: 571626.3/13

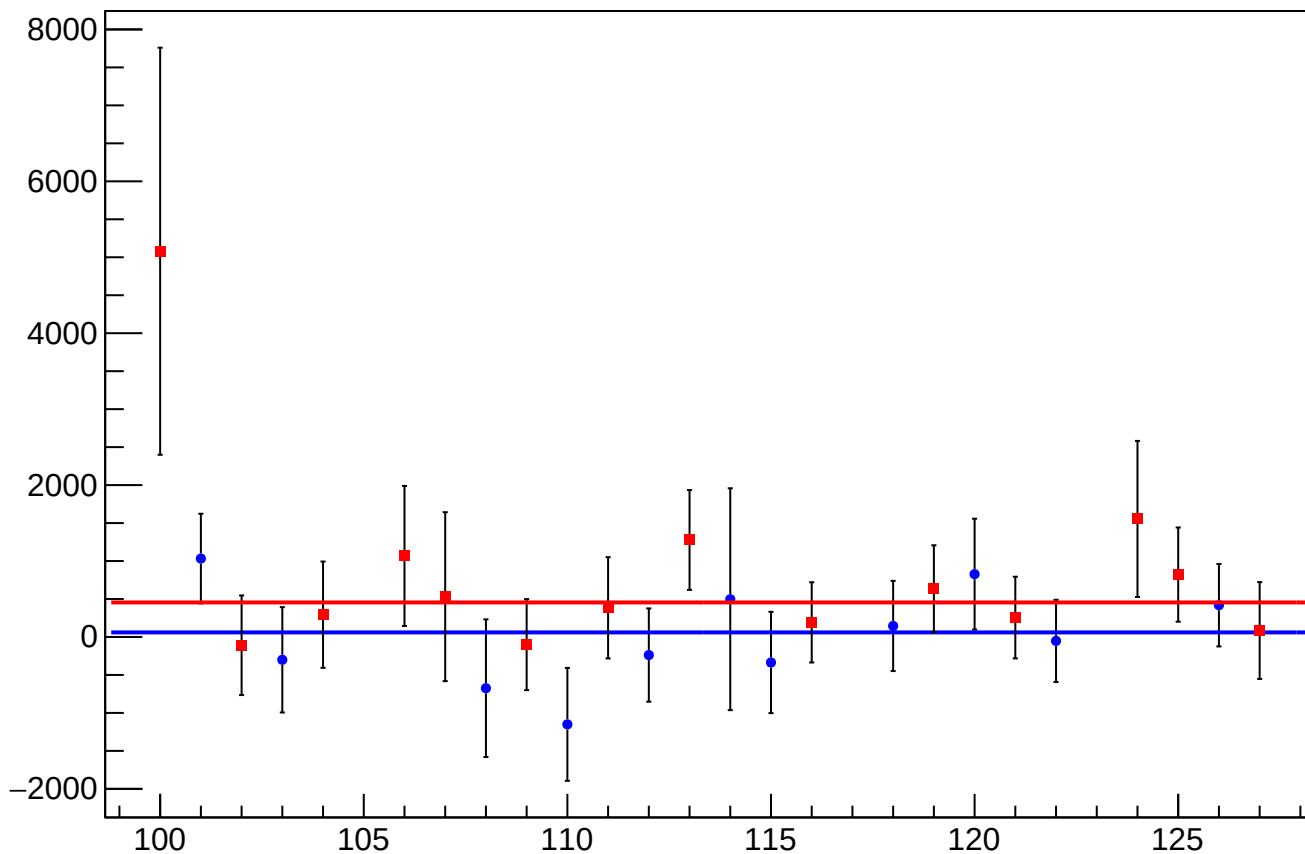
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 37.465 $\pm$ 0.009 χ^2 /NDF: 1017428.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_dit_correction_mean vs Slug



Right In: 60.135+/-200.548 χ^2/NDF : 8.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 454.680+/-182.740 χ^2/NDF : 9.0/13

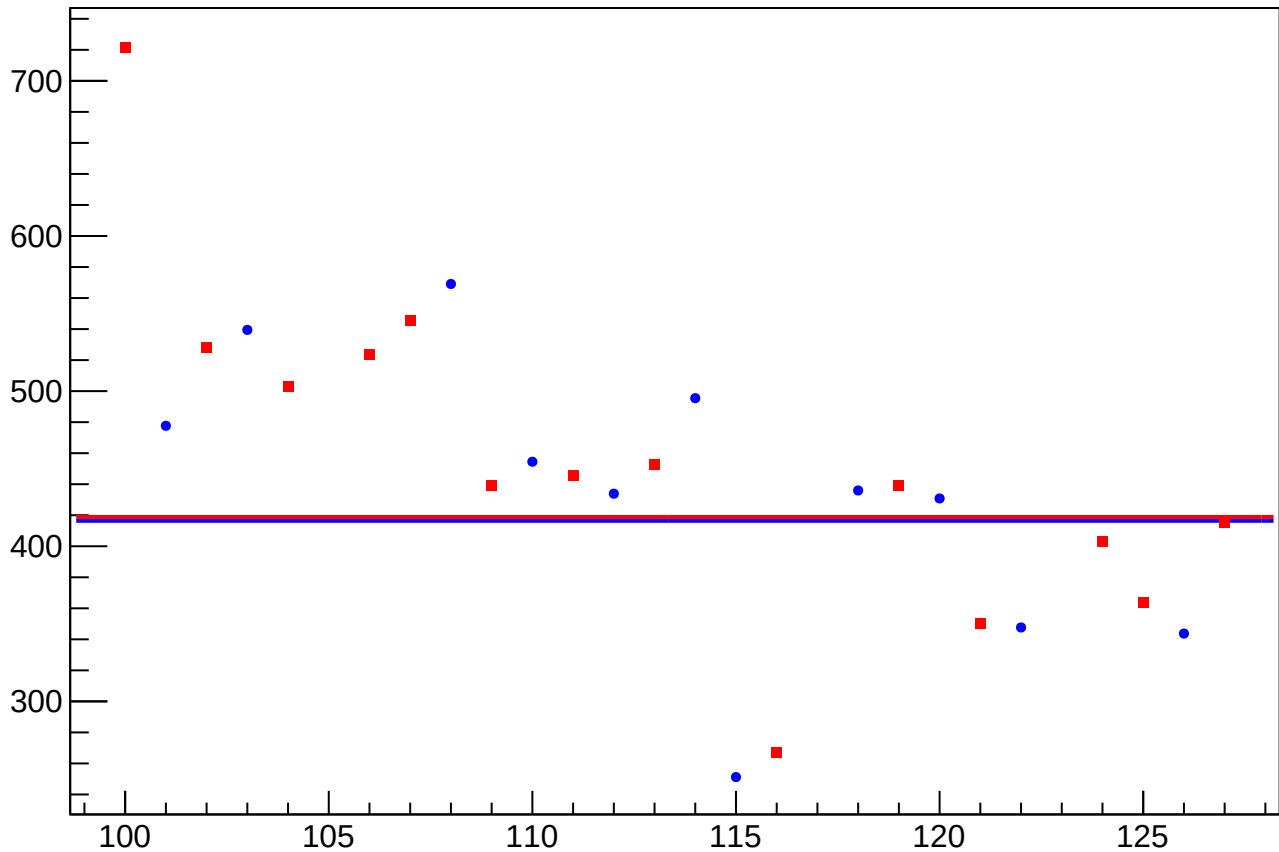
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 275.699+/-135.075 χ^2/NDF : 19.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_dit_correction_rms vs Slug



Right In: 416.416+/-0.142 χ^2/NDF : 347703.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 418.877+/-0.129 χ^2/NDF : 388249.9/13

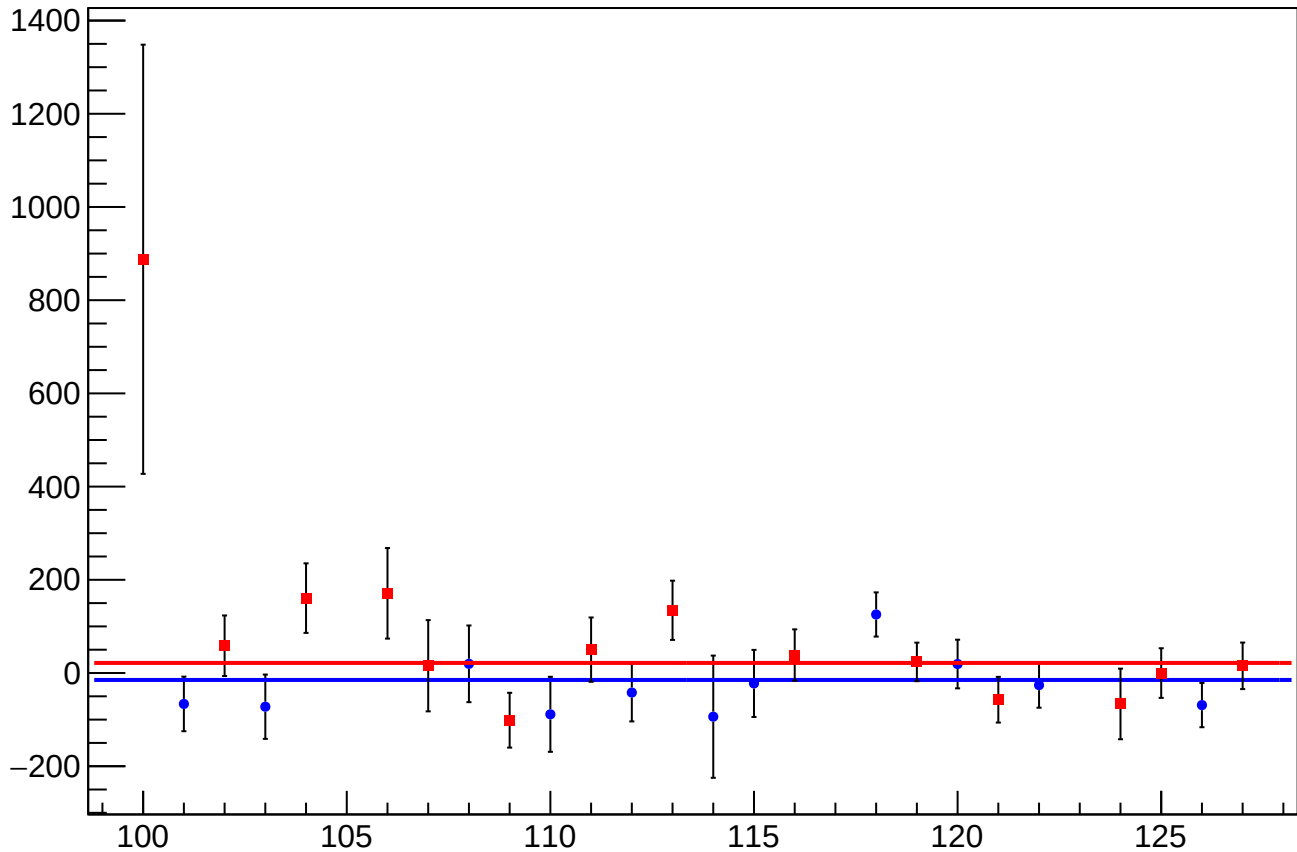
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 417.761+/-0.096 χ^2/NDF : 736117.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1357_2468_dd_mean vs Slug



Right In: -14.901+/-18.265 χ^2/NDF : 13.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.628+/-16.582 χ^2/NDF : 21.6/13

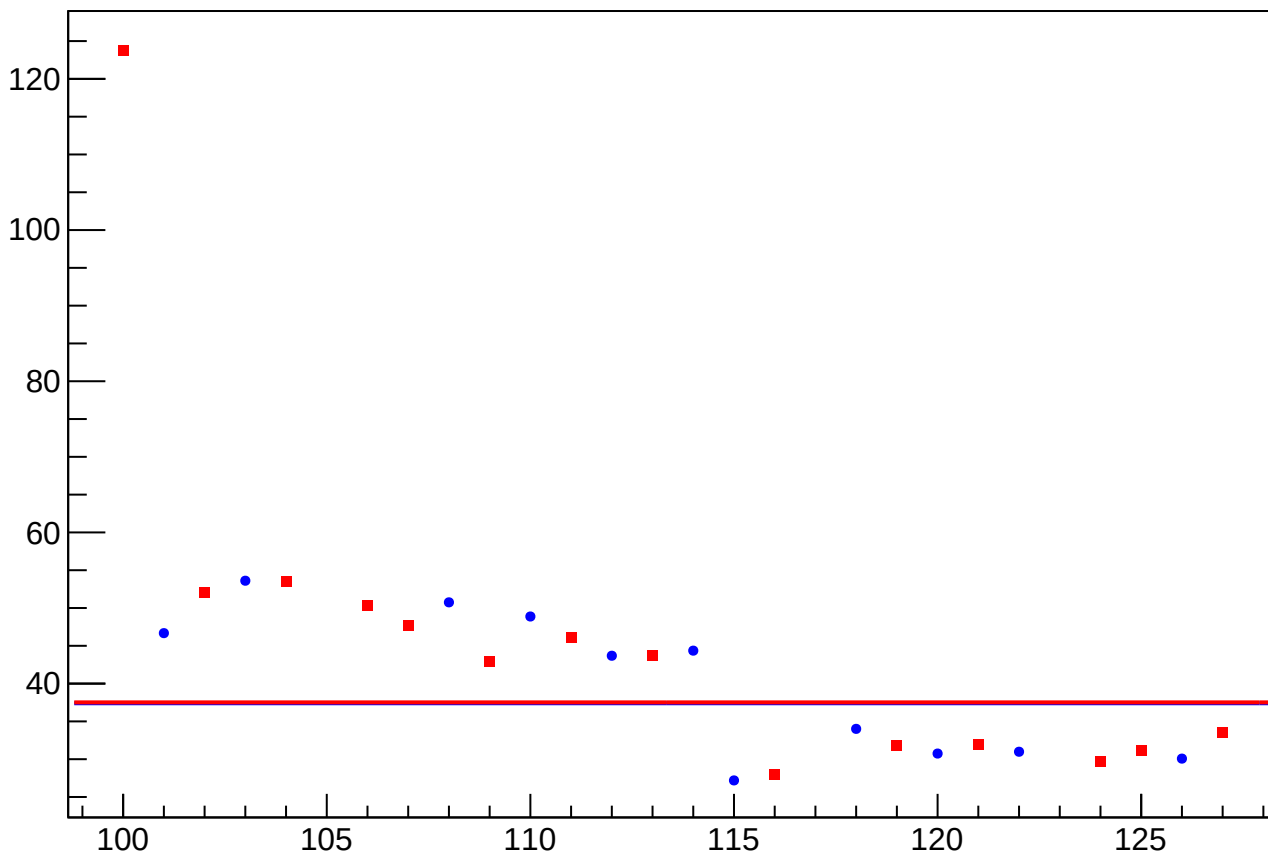
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.124+/-12.277 χ^2/NDF : 37.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1357_2468_dd_rms vs Slug



Right In: 37.400+/-0.013 χ^2/NDF : 445730.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.517+/-0.012 χ^2/NDF : 571591.6/13

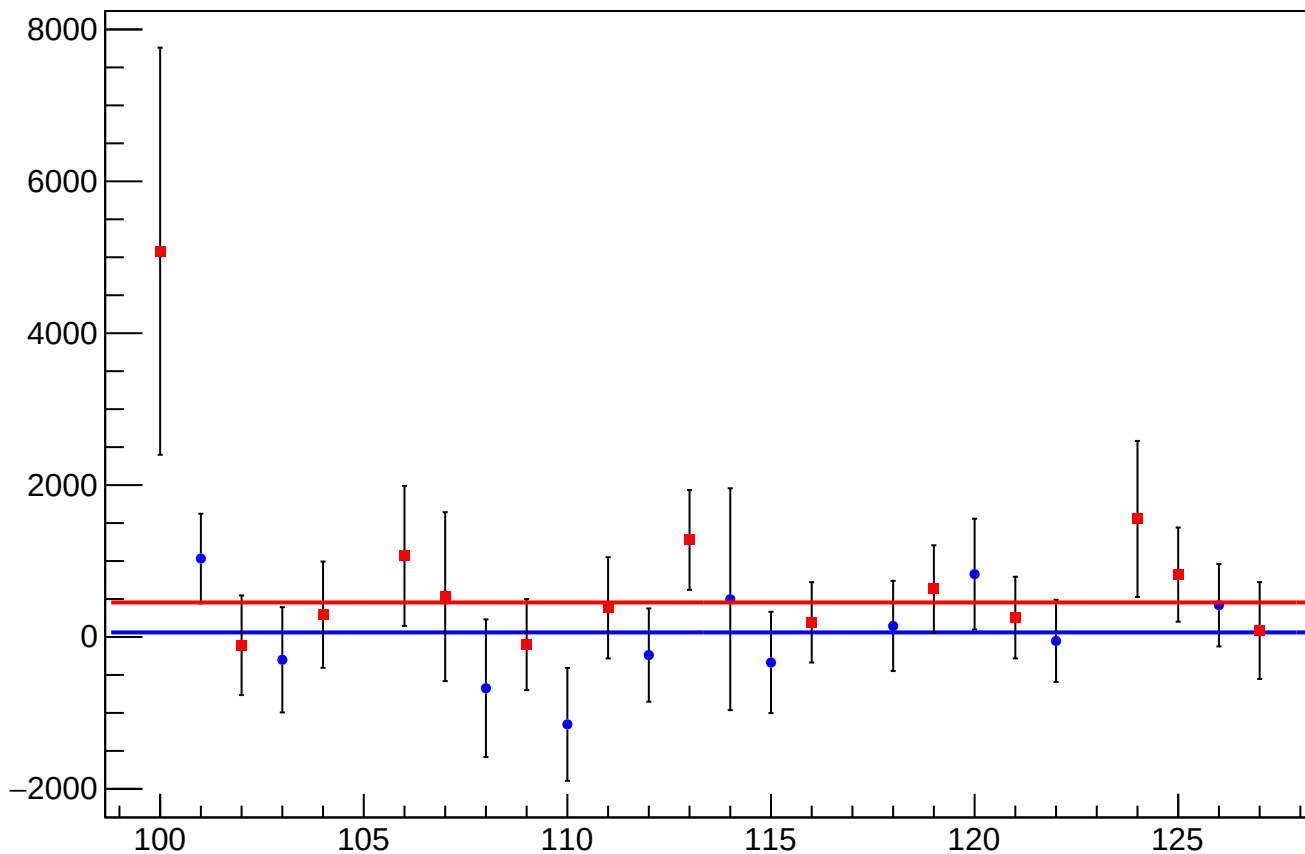
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.464+/-0.009 χ^2/NDF : 1017366.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_eigen_dit_correction_mean vs Slug



Right In: 60.134+/-200.548 χ^2/NDF : 8.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 454.680+/-182.740 χ^2/NDF : 9.0/13

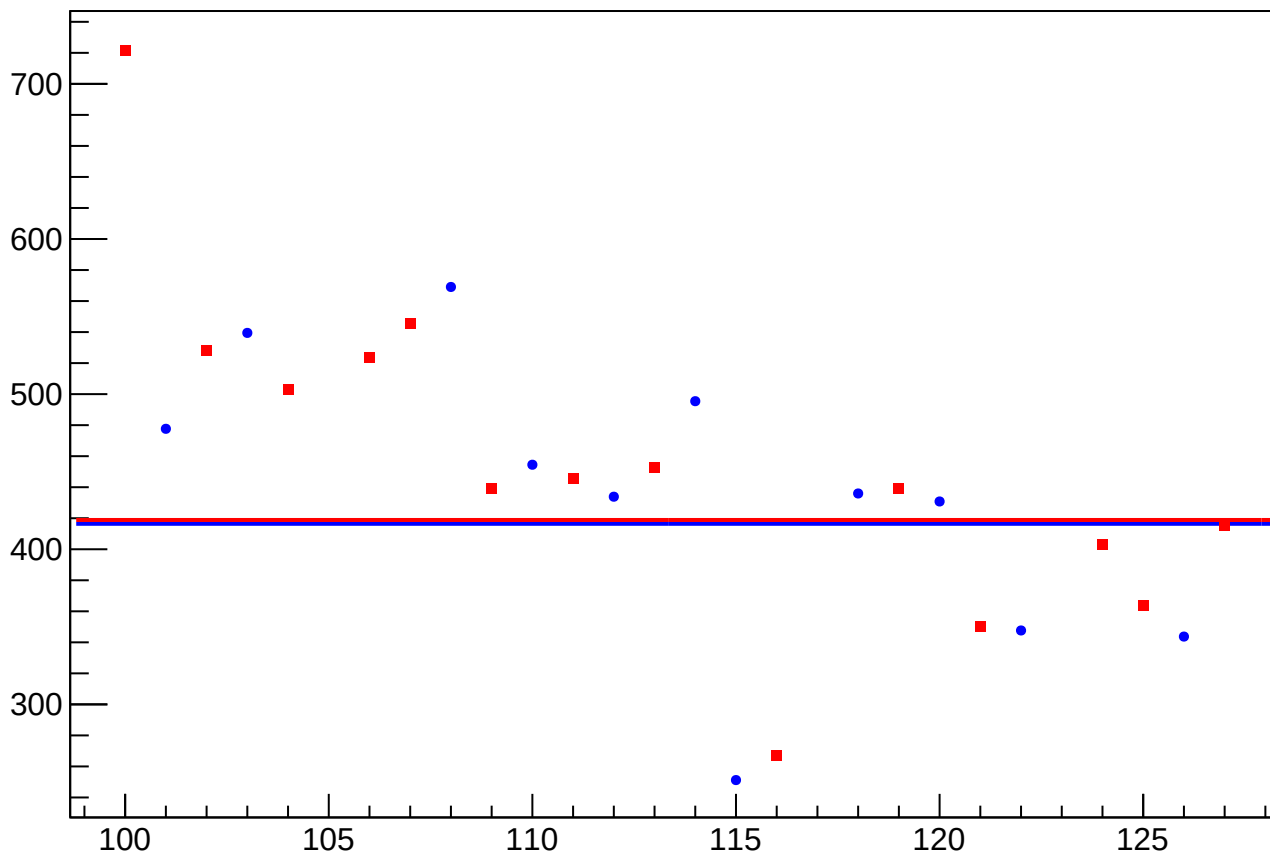
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 275.699+/-135.074 χ^2/NDF : 19.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_eigen_dit_correction_rms vs Slug



Right In: 416.416+/-0.142 χ^2/NDF : 347696.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 418.876+/-0.129 χ^2/NDF : 388243.3/13

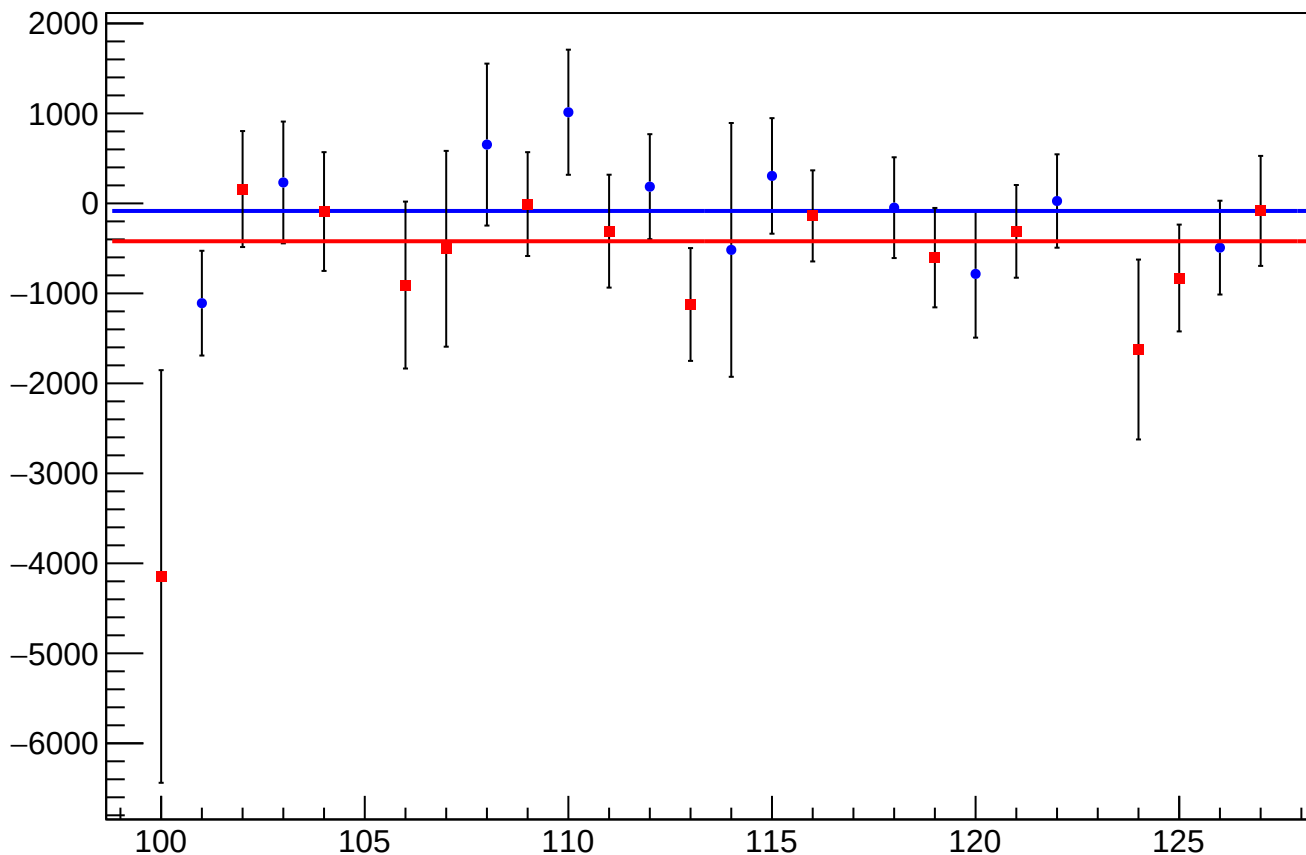
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 417.760+/-0.096 χ^2/NDF : 736103.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_mean vs Slug



Right In: -84.049 $\pm$ 192.881 χ^2 /NDF: 8.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -420.669 $\pm$ 175.537 χ^2 /NDF: 8.5/13

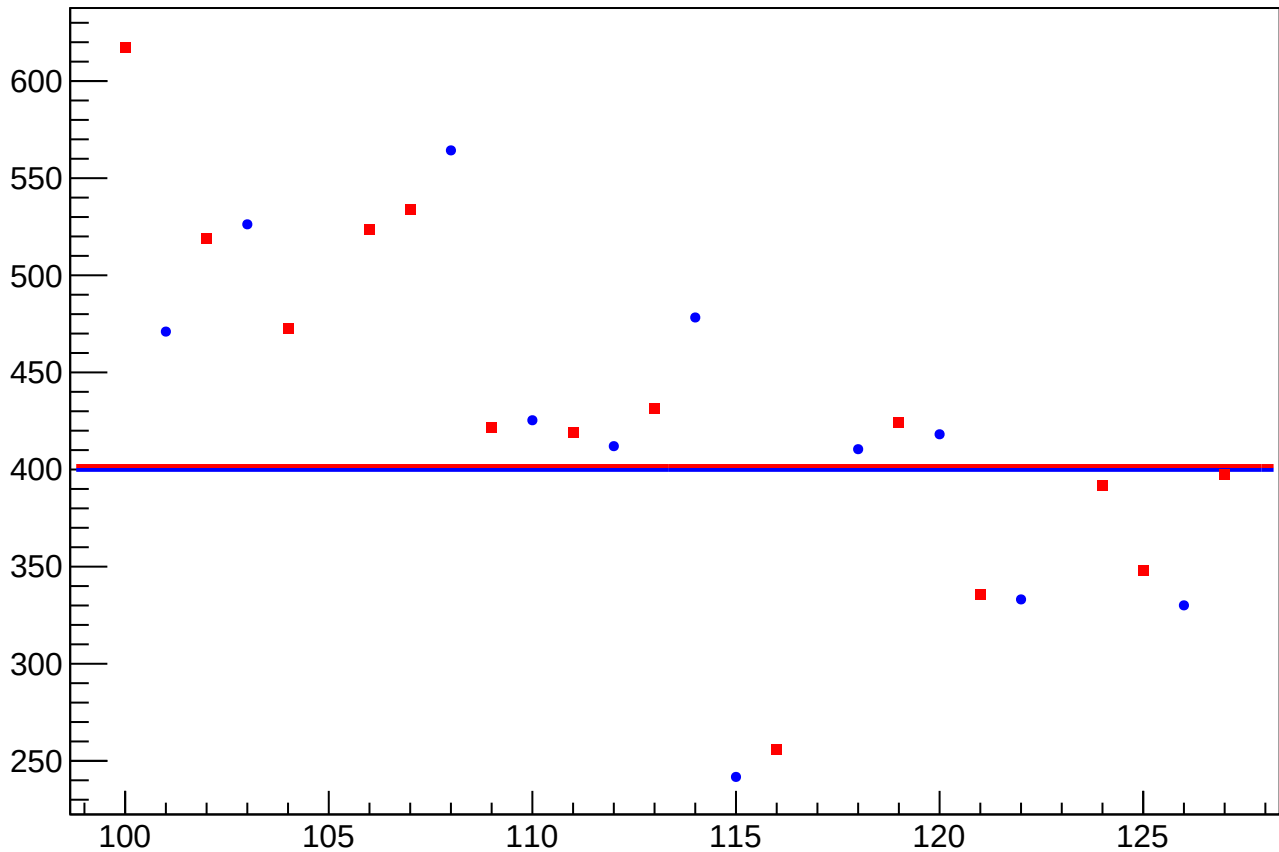
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -268.171 $\pm$ 129.823 χ^2 /NDF: 18.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_rms vs Slug



Right In: 399.837 $\pm$ 0.136 χ^2 /NDF: 368432.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 401.805 $\pm$ 0.124 χ^2 /NDF: 398347.8/13

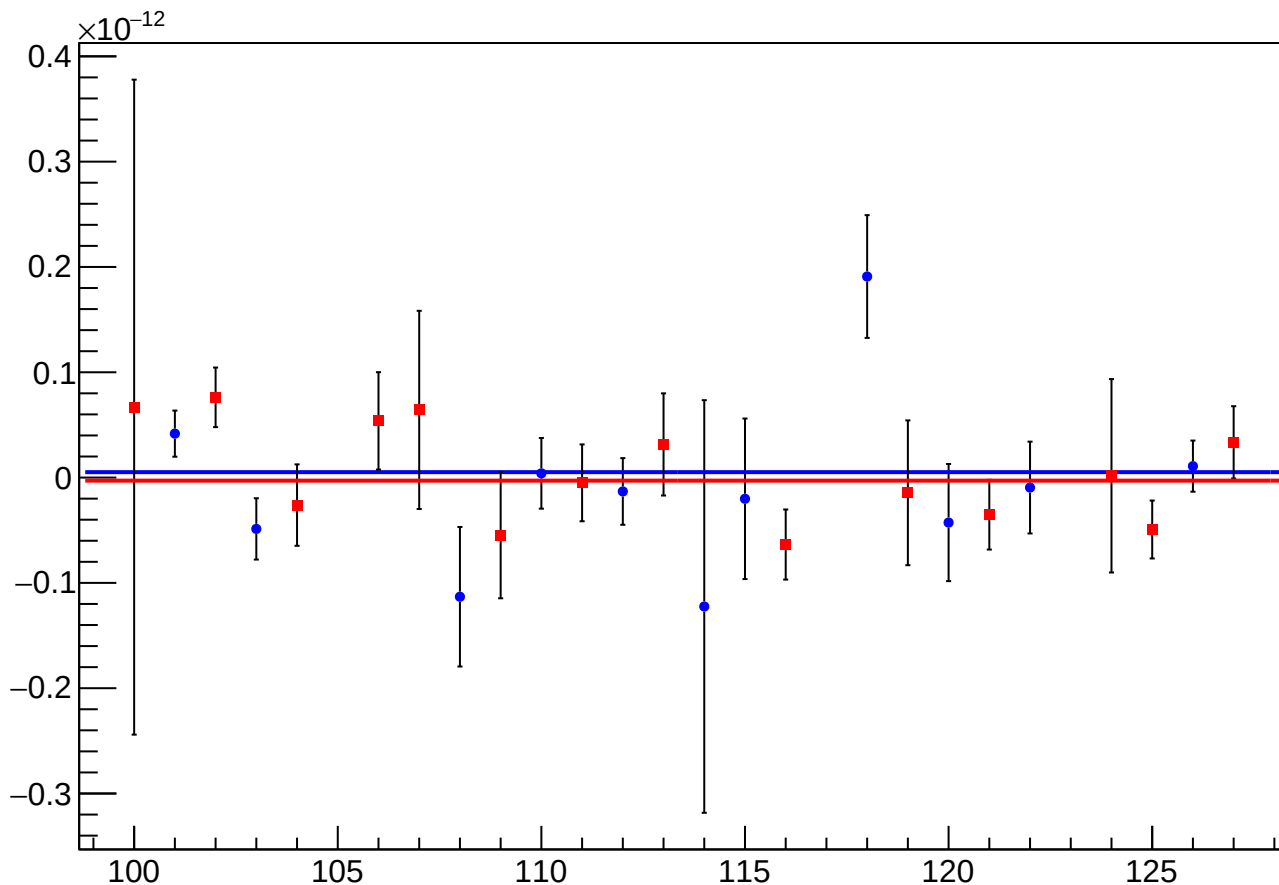
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 400.914 $\pm$ 0.092 χ^2 /NDF: 766893.8/24

- 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 $\pm$ 0.000 χ^2 /NDF: 21.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 19.8/13

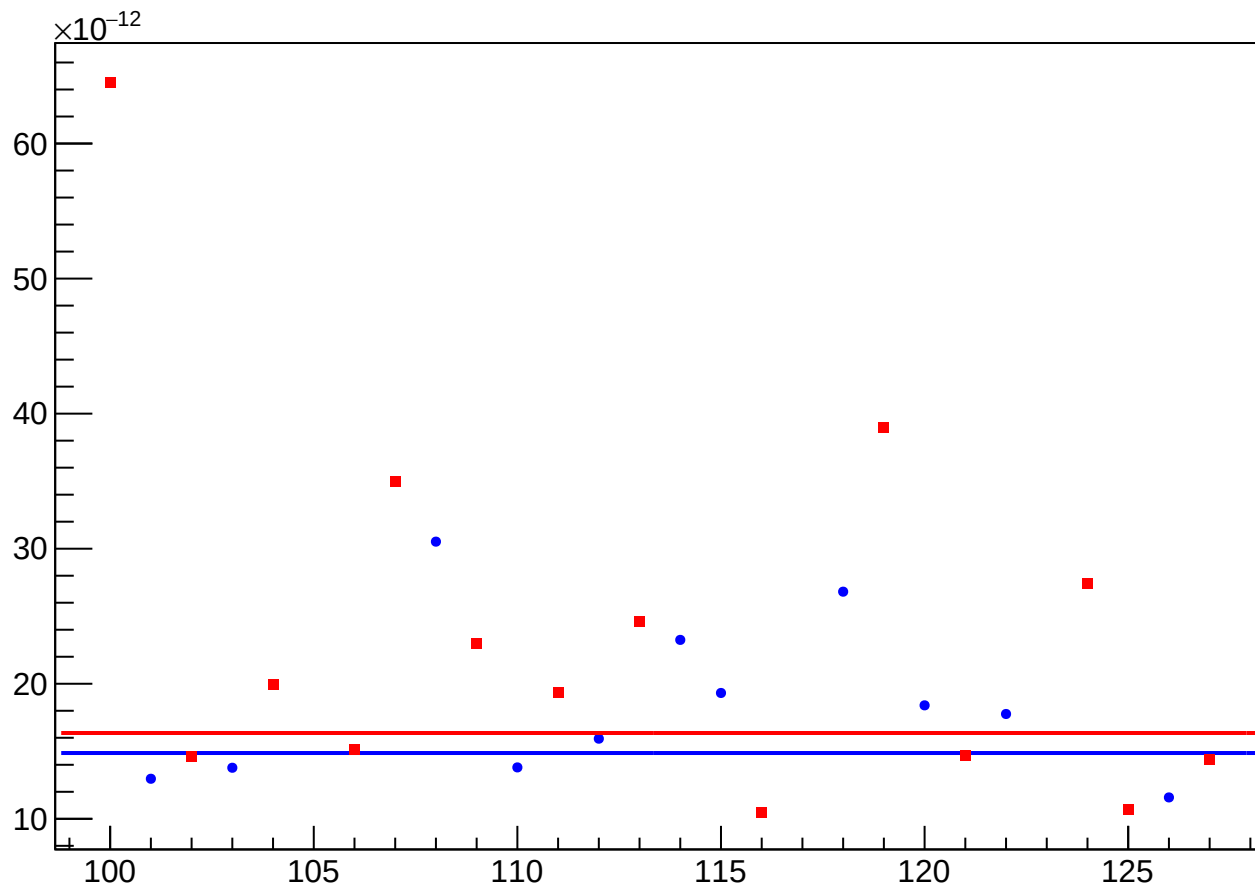
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 41.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 281882.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 652770.8/13

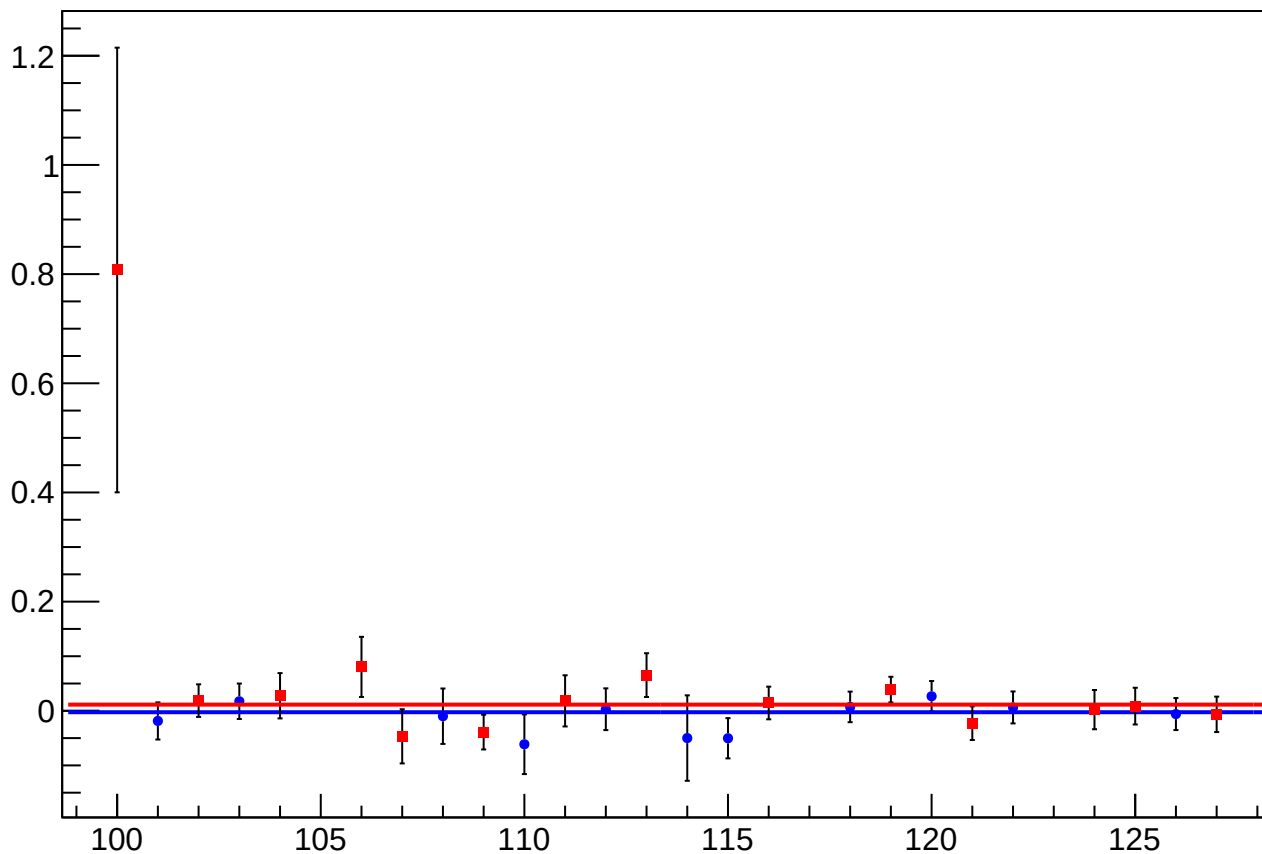
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 952993.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.003+/-0.011 χ^2/NDF : 5.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.009 χ^2/NDF : 14.3/13

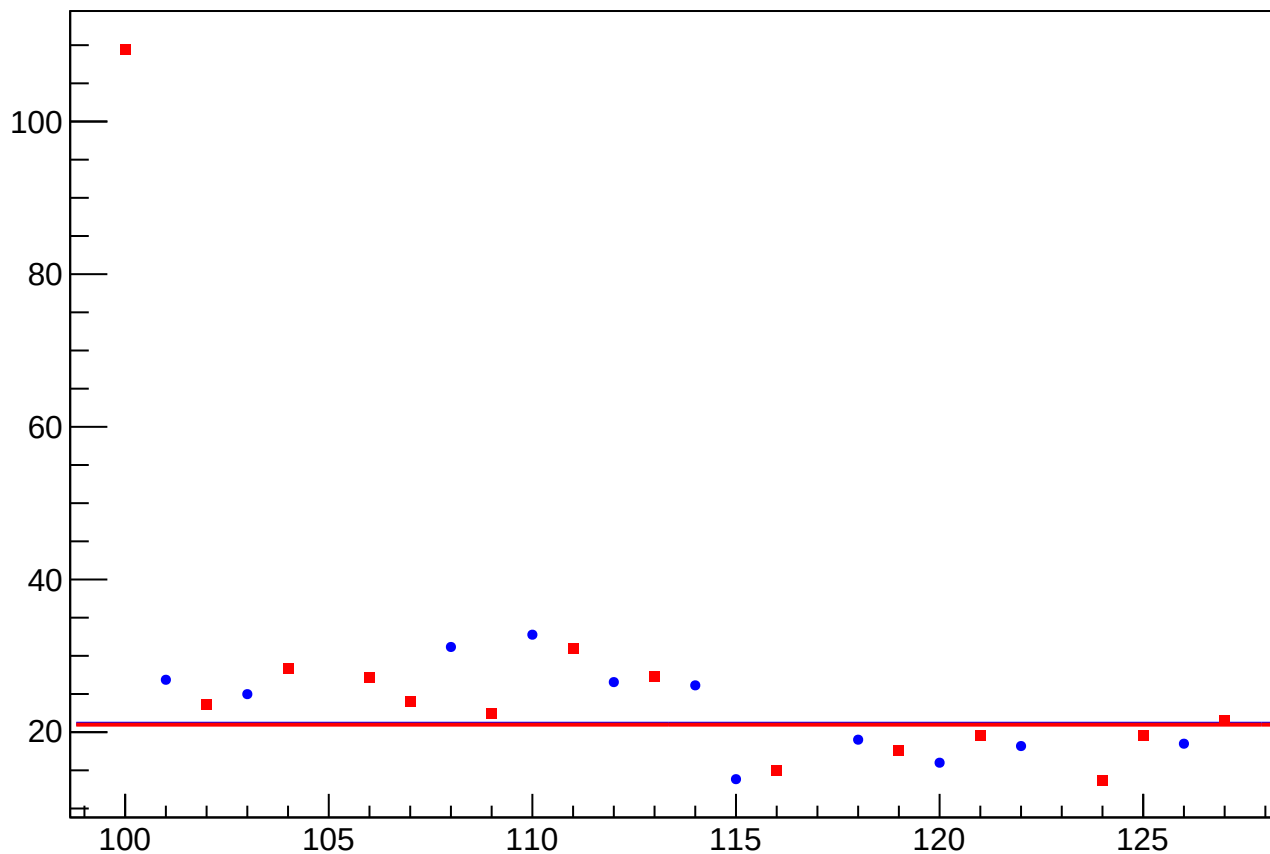
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.007 χ^2/NDF : 20.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_dit_vs_cor_diff_rms vs Slug



Right In: 21.103+/-0.007 χ^2/NDF : 495858.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.987+/-0.007 χ^2/NDF : 565801.9/13

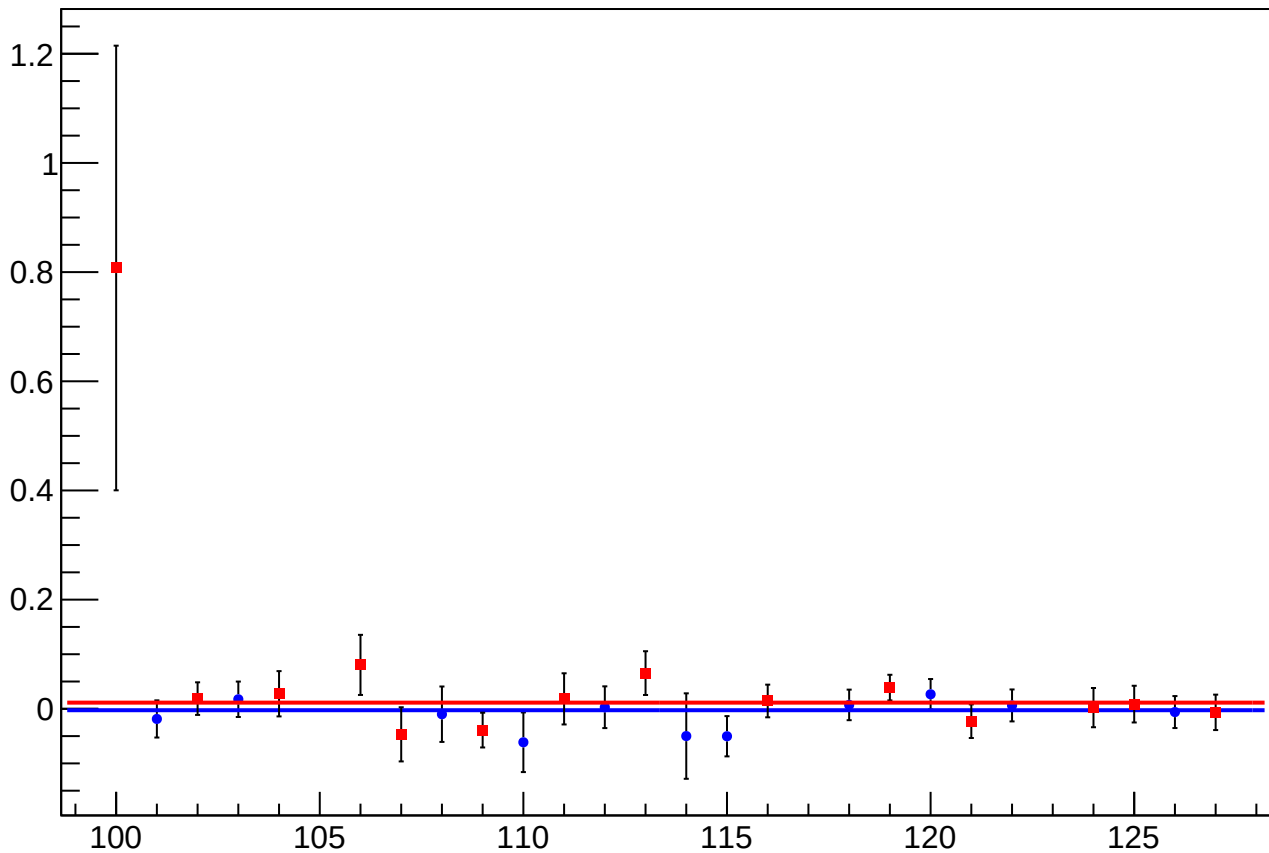
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.039+/-0.005 χ^2/NDF : 1061793.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.003+/-0.011 χ^2/NDF : 5.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.009 χ^2/NDF : 14.3/13

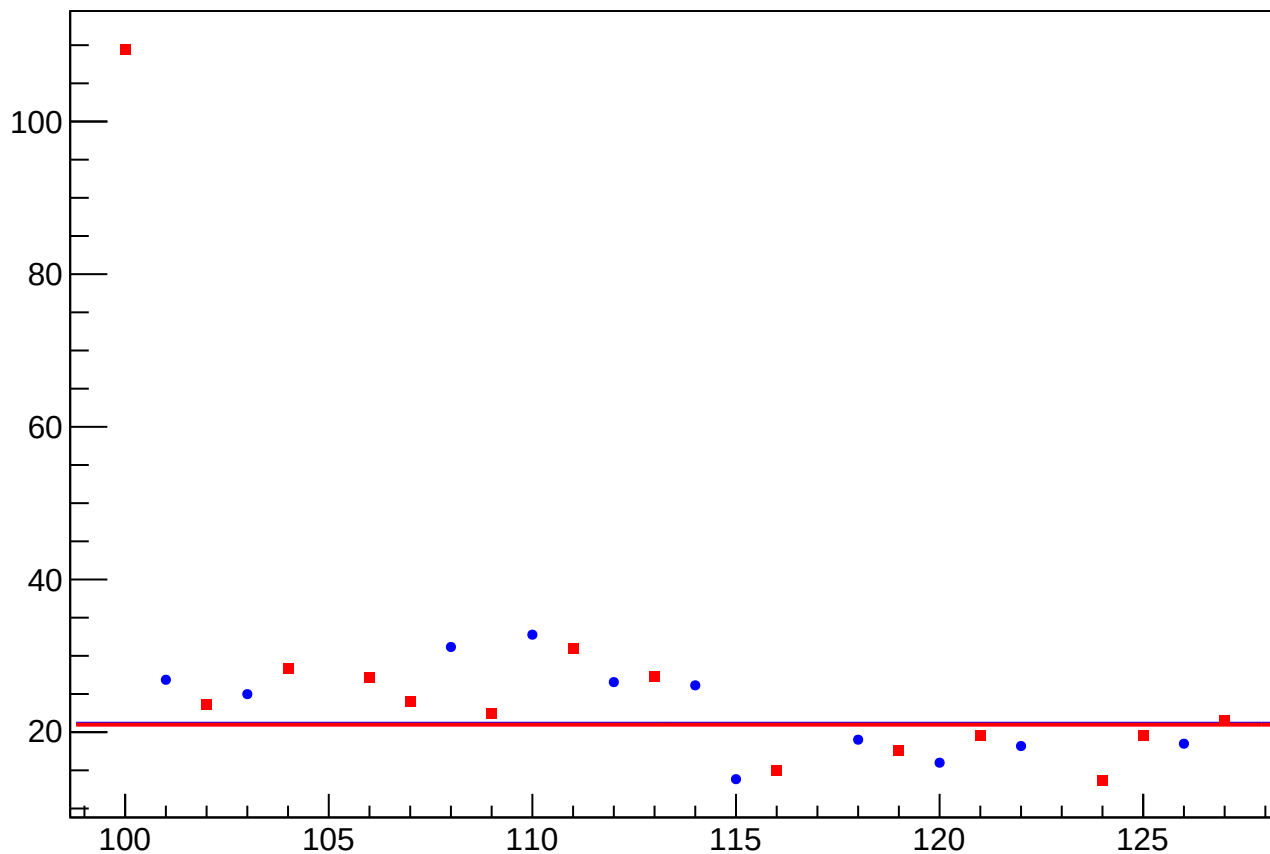
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.007 χ^2/NDF : 20.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 21.103+/-0.007 χ^2/NDF : 495858.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.987+/-0.007 χ^2/NDF : 565801.9/13

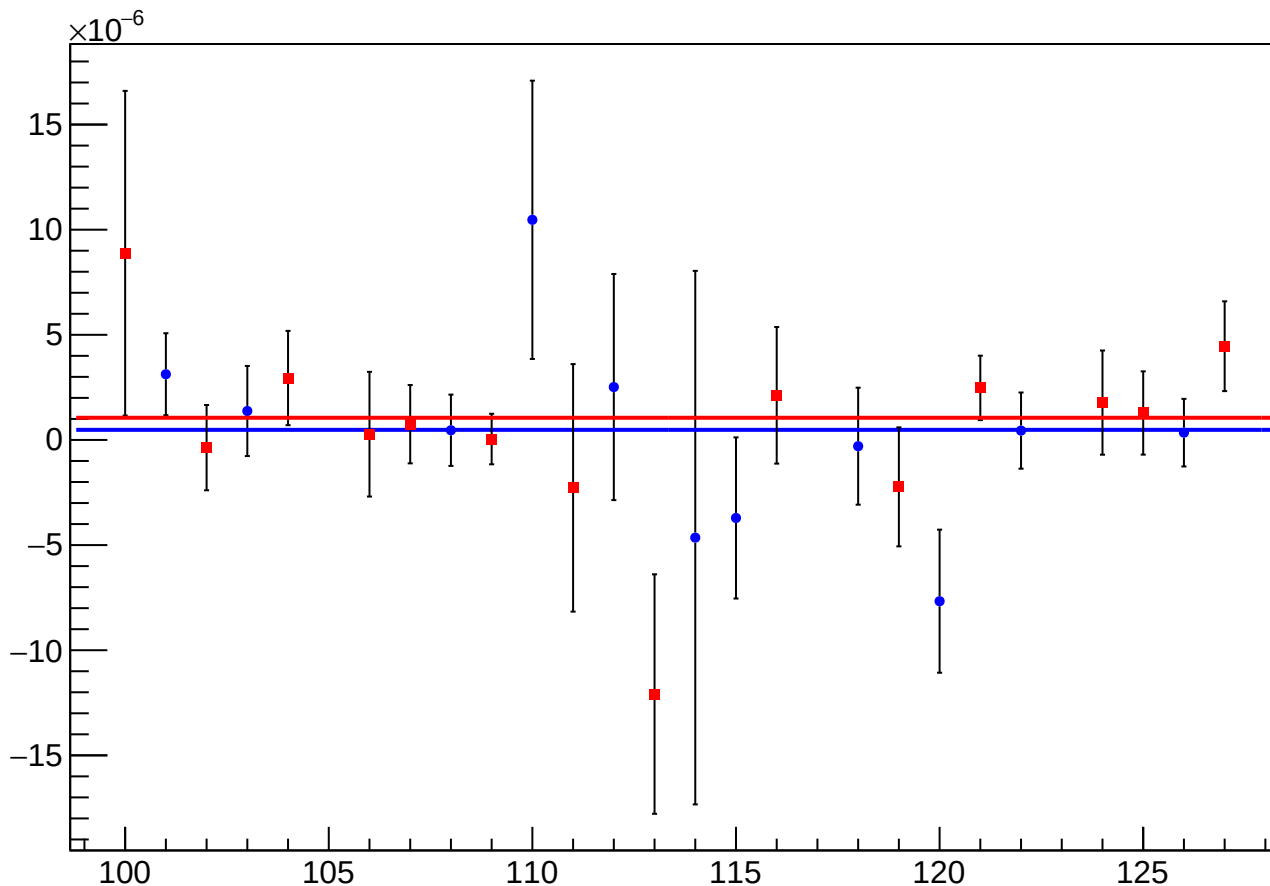
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.039+/-0.005 χ^2/NDF : 1061793.2/24

- 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+/-0.000 χ^2/NDF : 11.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.6/13

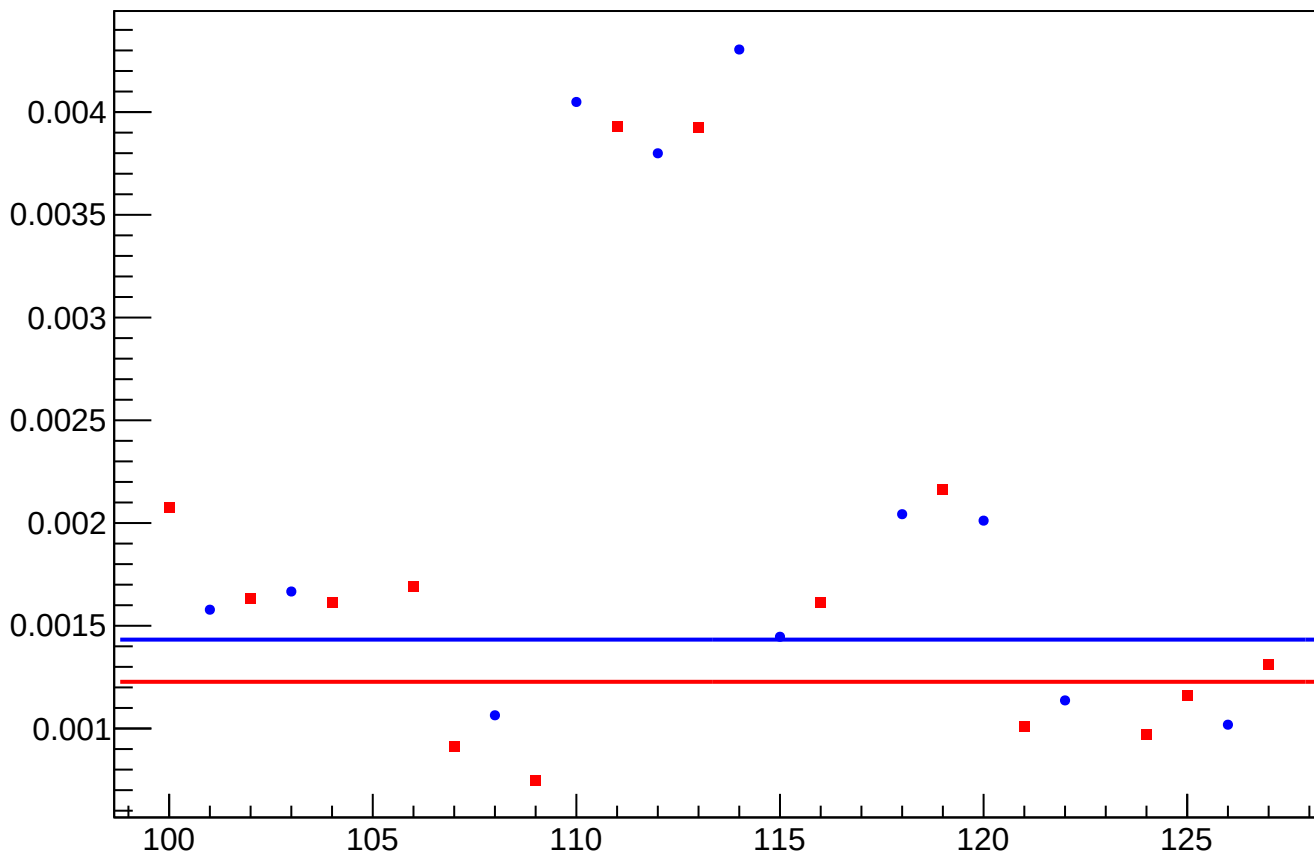
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 1272367.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1773441.8/13

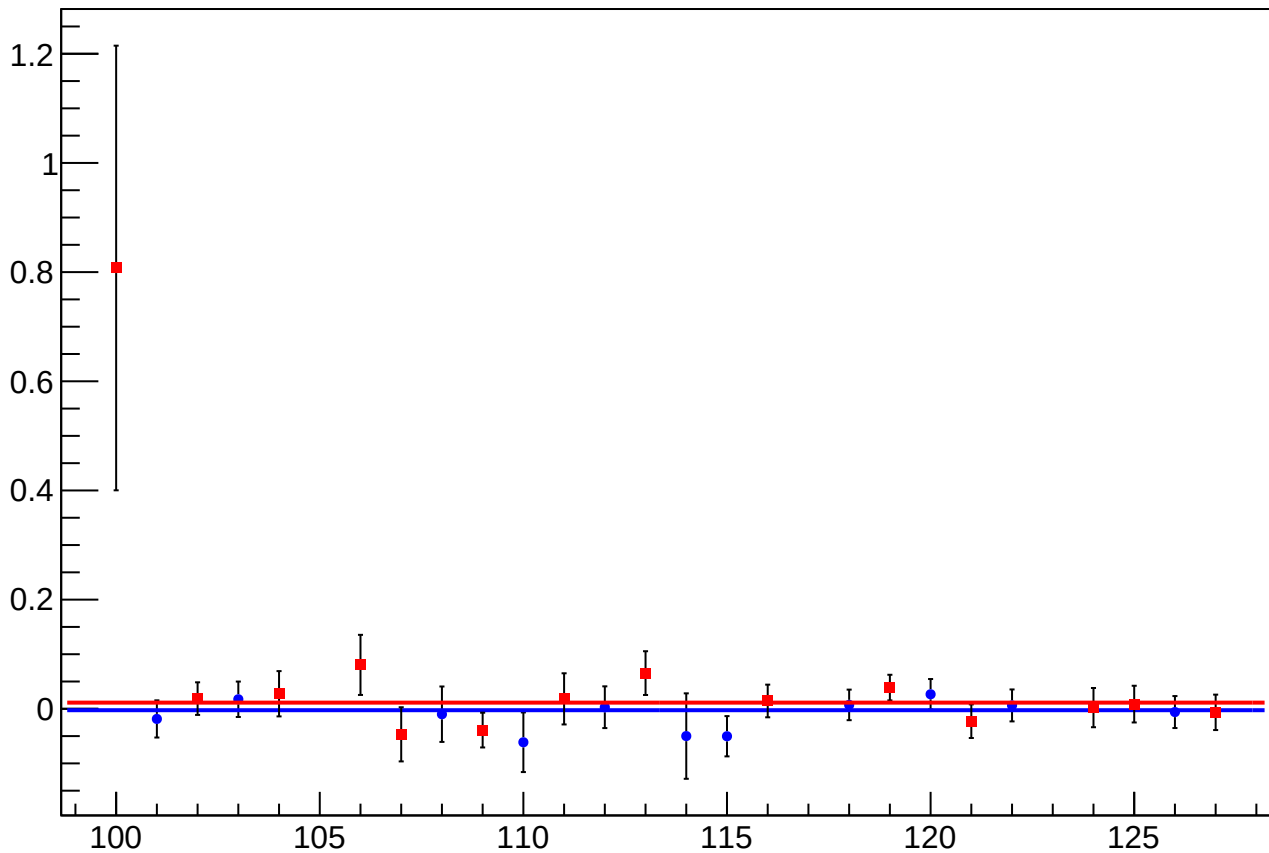
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3141556.5/24

- 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: -0.003+/-0.011 χ^2/NDF : 5.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.009 χ^2/NDF : 14.3/13

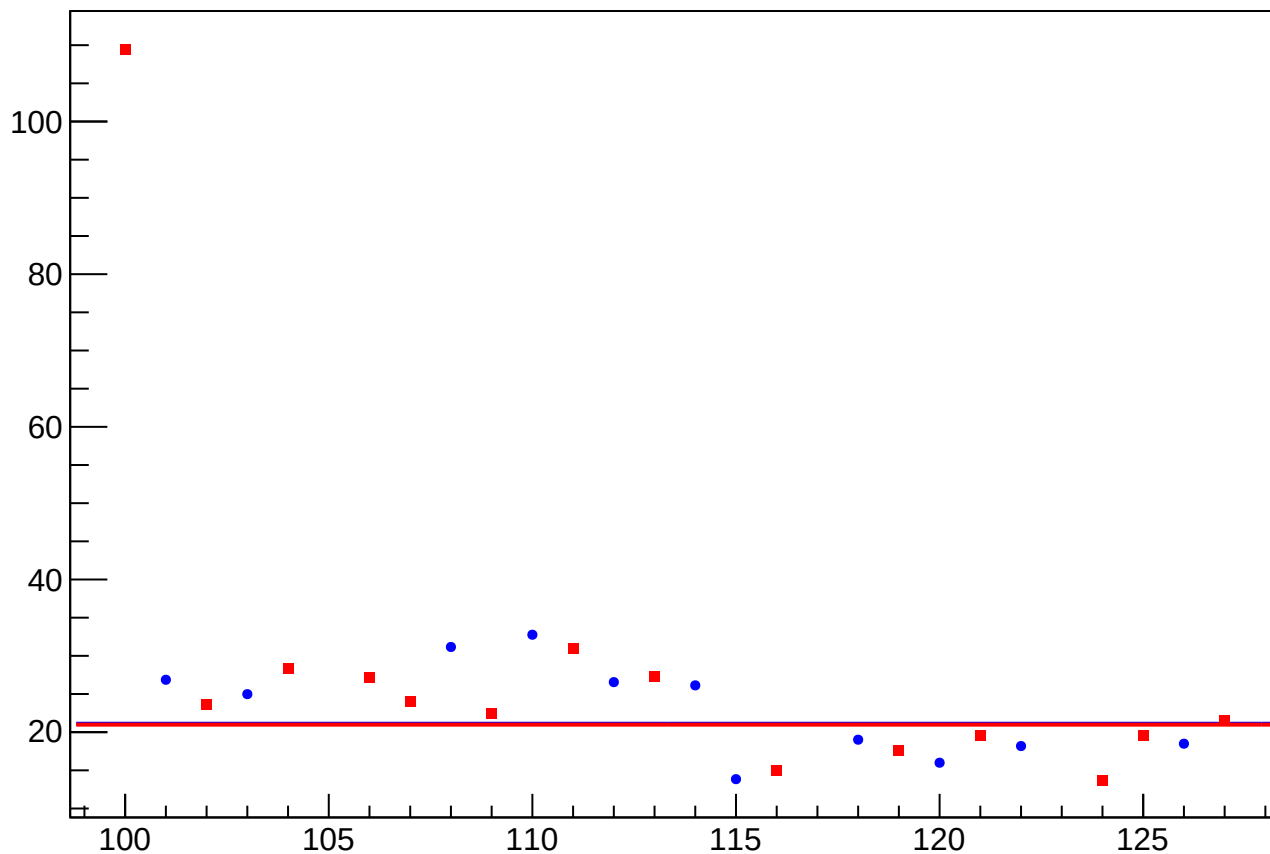
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.007 χ^2/NDF : 20.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 21.102 $\pm$ 0.007 χ^2 /NDF: 495794.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.987 $\pm$ 0.007 χ^2 /NDF: 565708.5/13

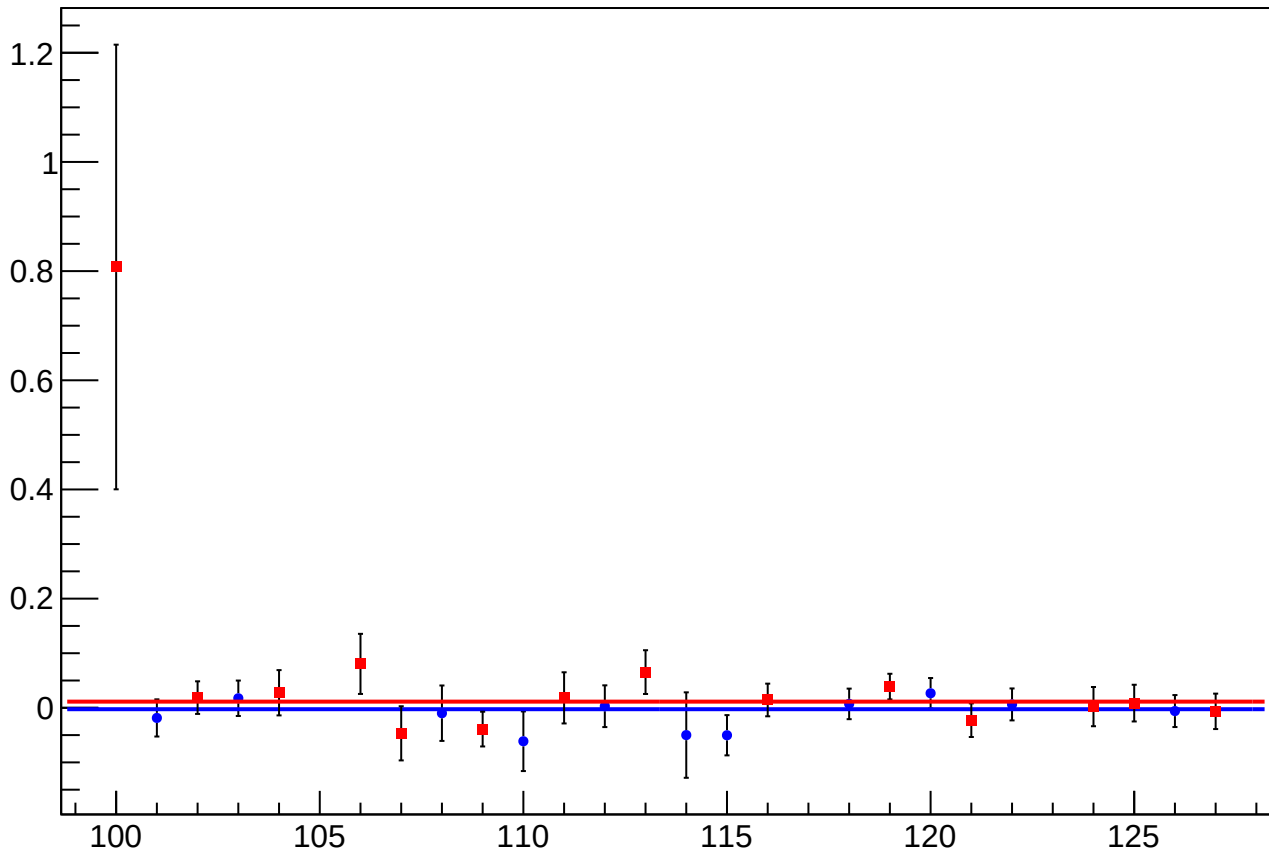
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.039 $\pm$ 0.005 χ^2 /NDF: 1061635.3/24

- 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: -0.003 ± 0.011 χ^2/NDF : 5.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.011 ± 0.009 χ^2/NDF : 14.3/13

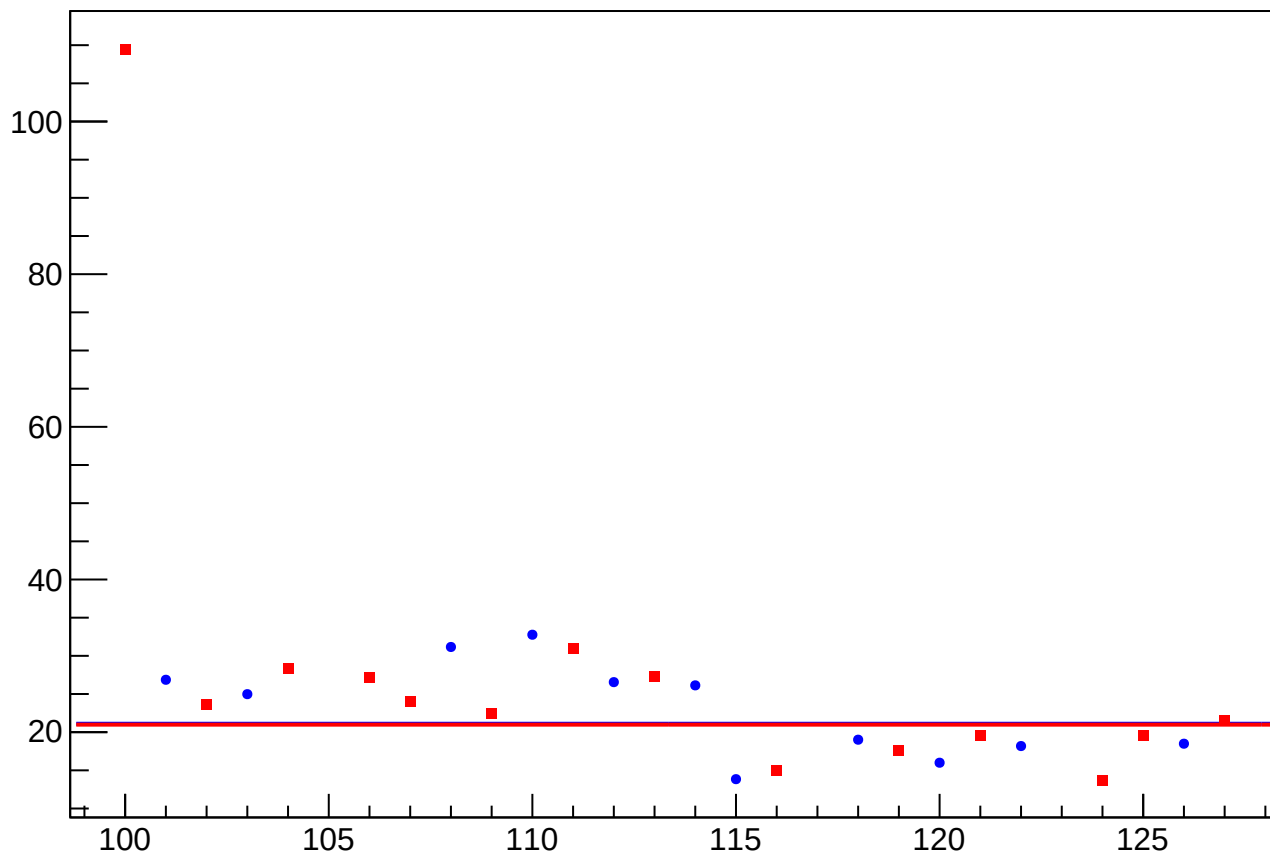
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.005 ± 0.007 χ^2/NDF : 20.4/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 21.102 $\pm$ 0.007 χ^2 /NDF: 495794.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.987 $\pm$ 0.007 χ^2 /NDF: 565708.5/13

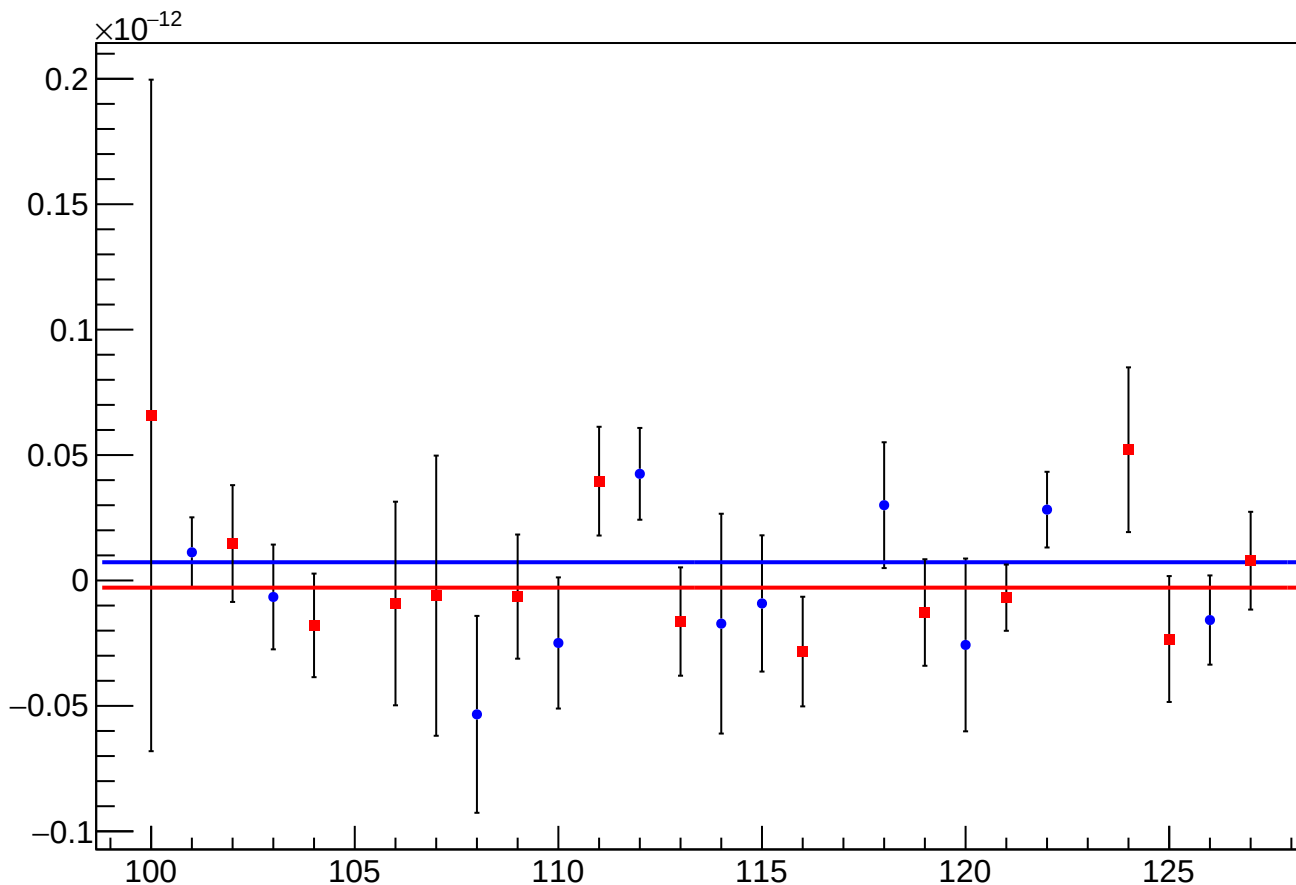
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.039 $\pm$ 0.005 χ^2 /NDF: 1061635.3/24

- sign 0.000 $\pm$ 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 : 14.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 11.1/13

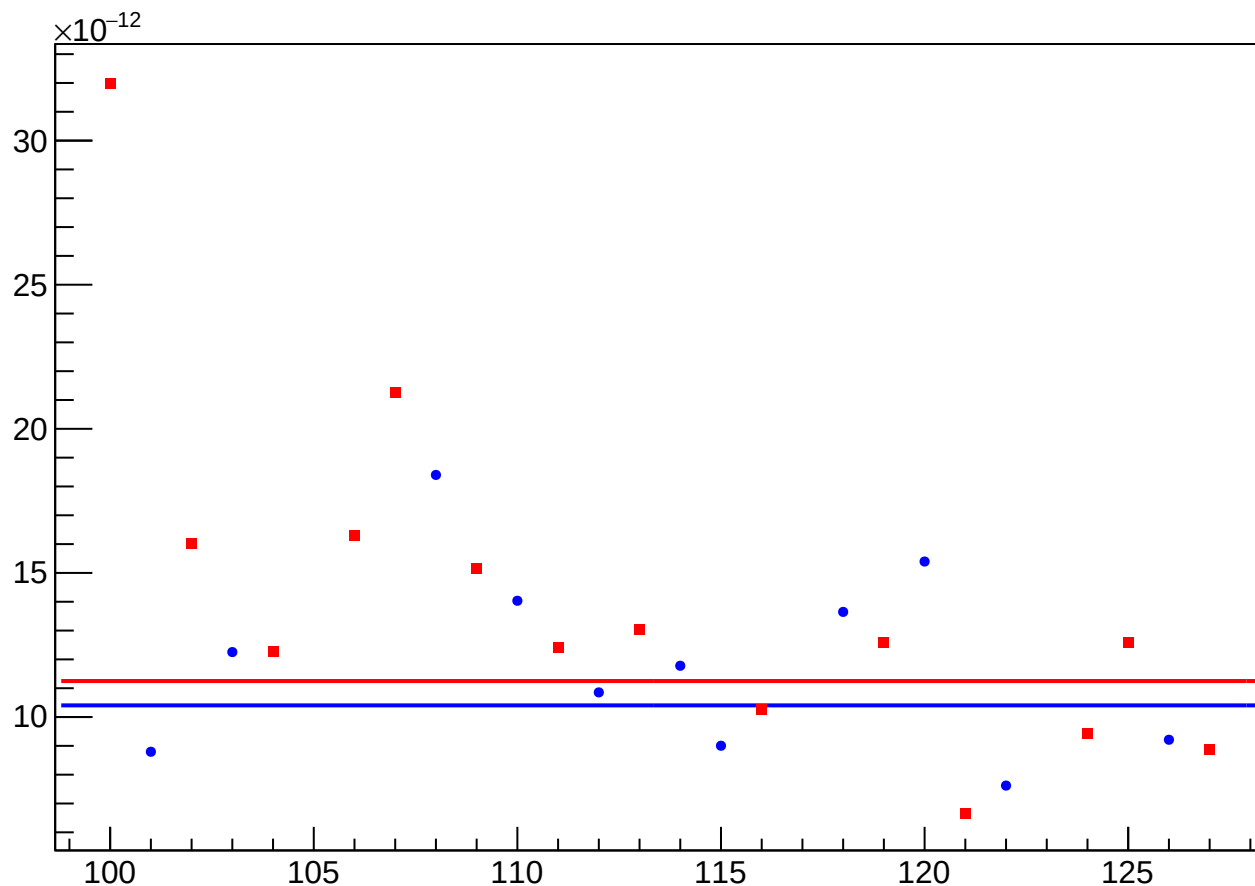
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 26.5/24

- 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 : 324818.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 597850.9/13

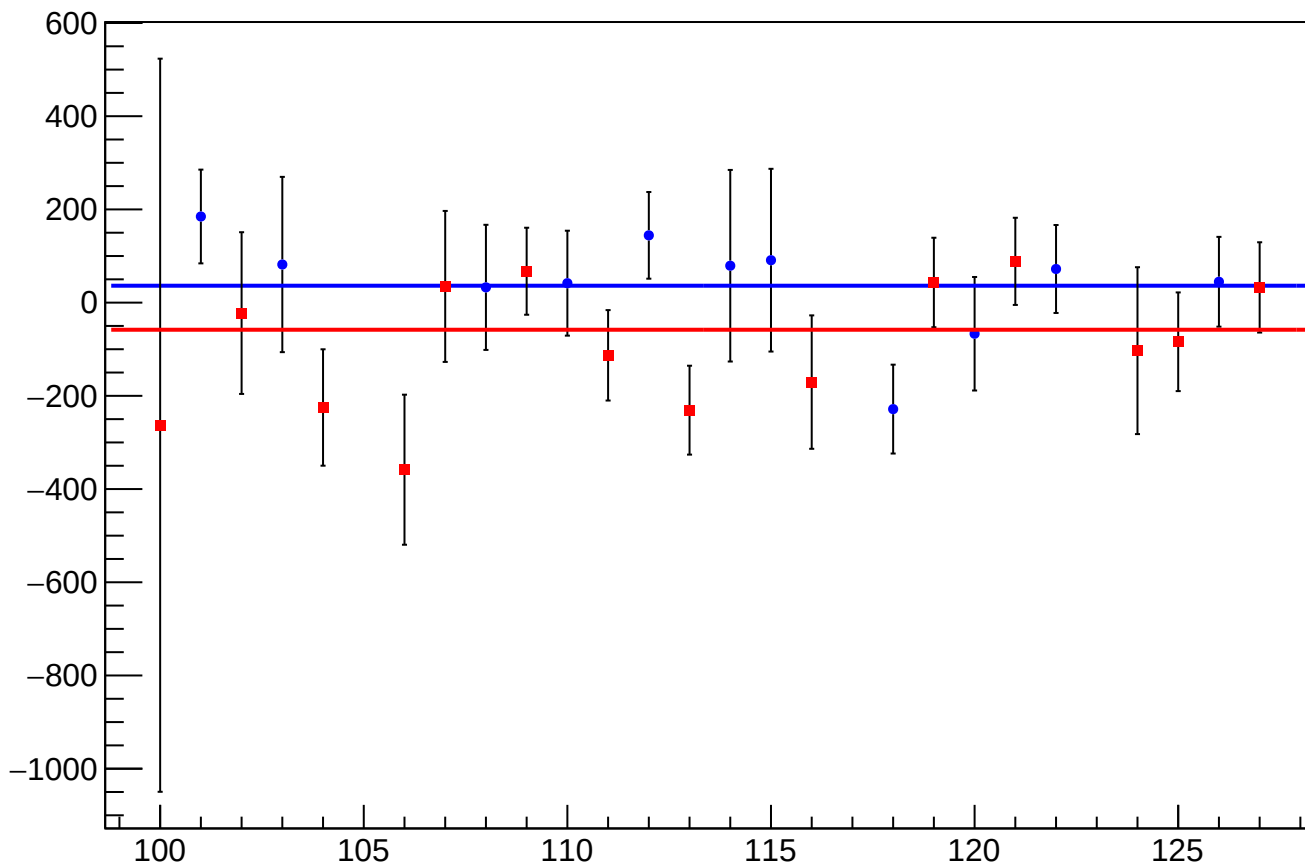
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 940741.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_12345678_avg_mean vs Slug



Right In: 36.290+/-34.830 χ^2/NDF : 12.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -58.181+/-31.539 χ^2/NDF : 16.3/13

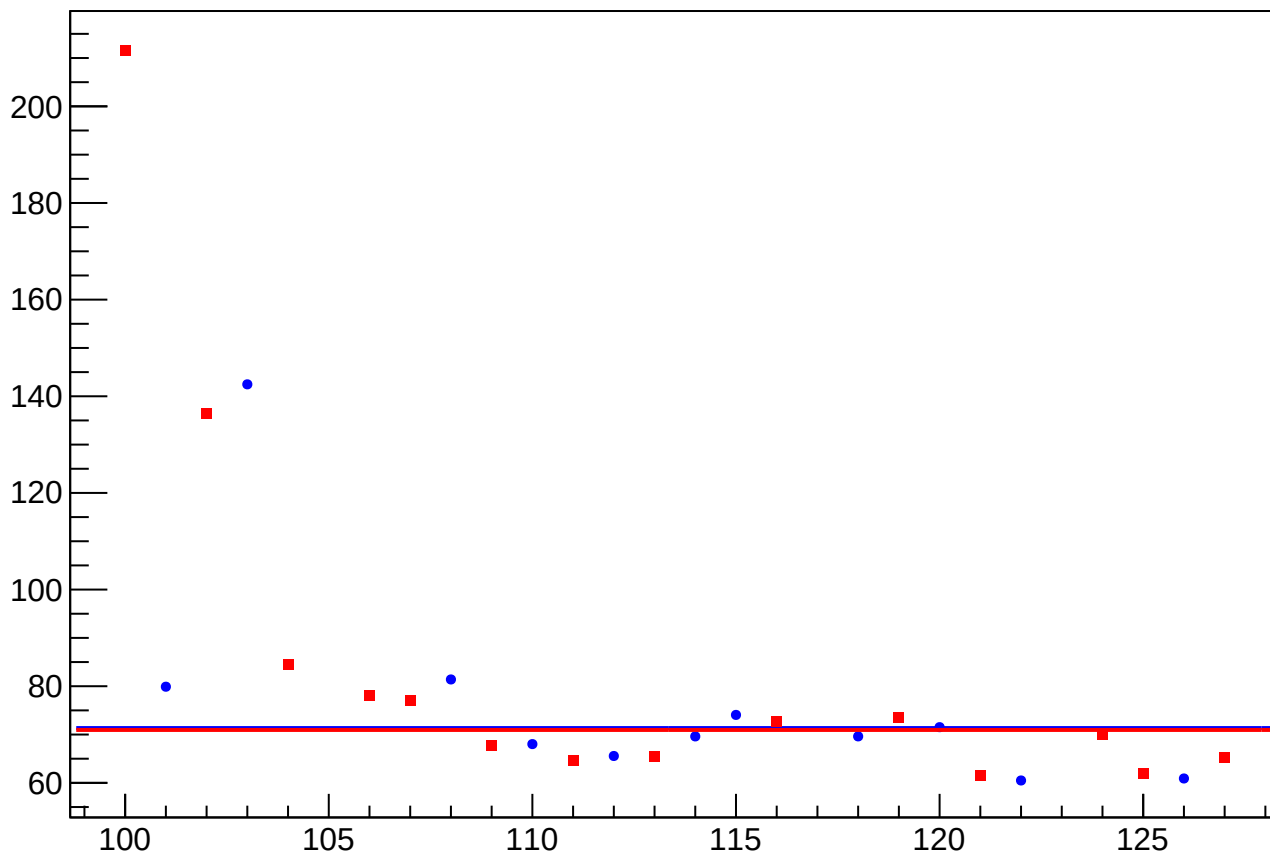
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.618+/-23.379 χ^2/NDF : 32.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_12345678_avg_rms vs Slug



Right In: 71.338+/-0.025 χ^2/NDF : 372399.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.954+/-0.022 χ^2/NDF : 439997.2/13

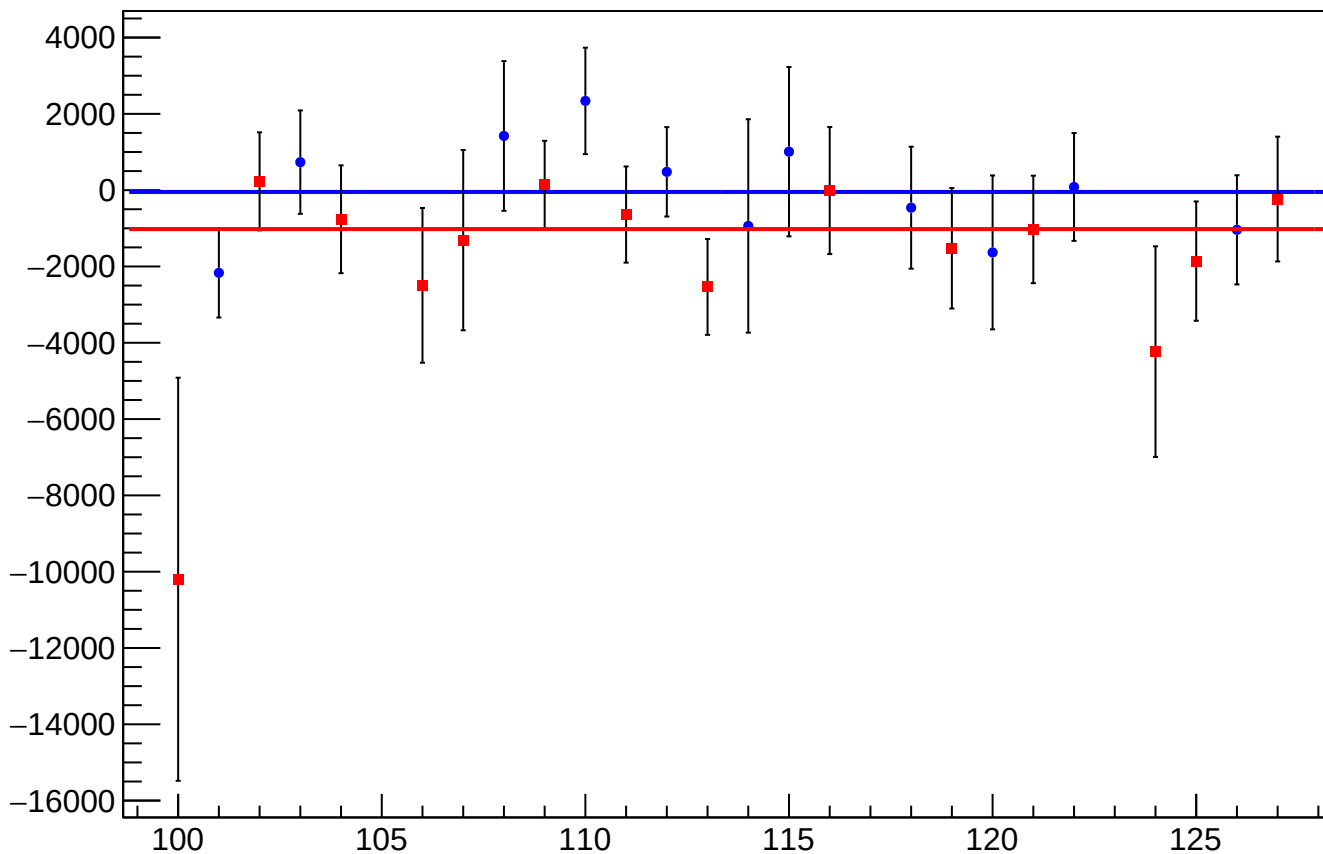
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.127+/-0.017 χ^2/NDF : 812530.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_reg_correction_mean vs Slug



Right In: -46.829+/-459.625 χ^2/NDF : 8.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1019.820+/-416.366 χ^2/NDF : 9.5/13

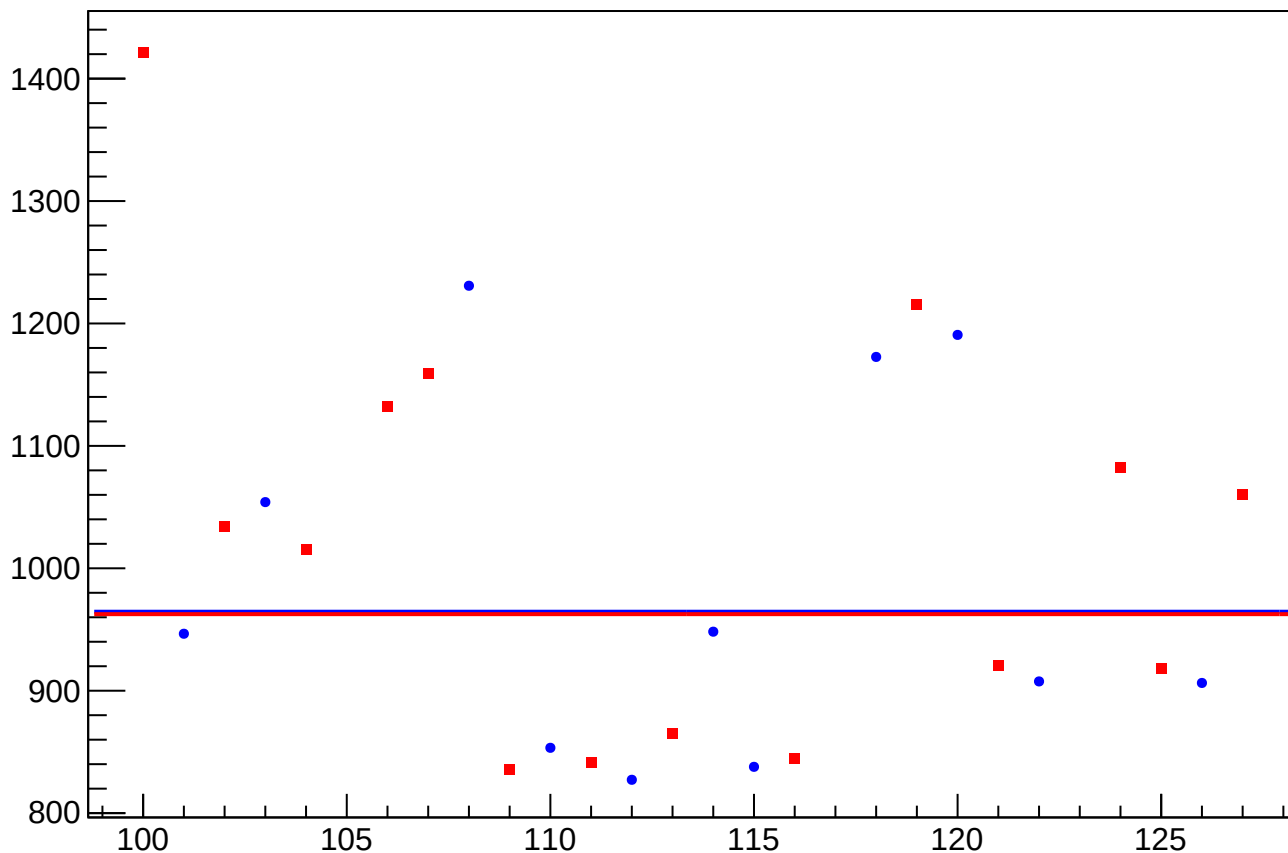
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -581.257+/-308.578 χ^2/NDF : 20.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_reg_correction_rms vs Slug



Right In: 964.530+/-0.325 χ^2/NDF : 158392.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 962.547+/-0.294 χ^2/NDF : 182580.4/13

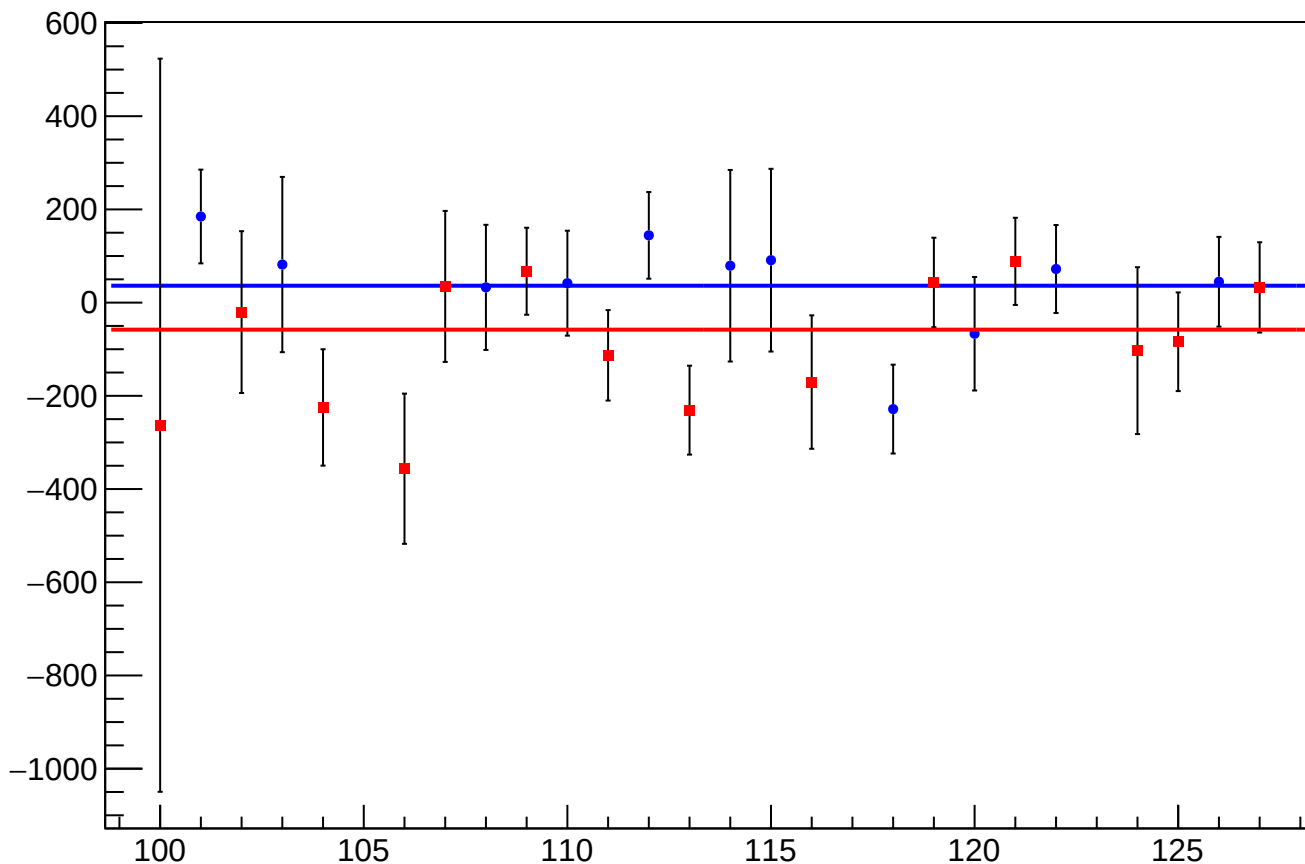
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 963.441+/-0.218 χ^2/NDF : 340993.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_12345678_avg_mean vs Slug



Right In: 36.280+/-34.830 χ^2/NDF : 12.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -58.001+/-31.541 χ^2/NDF : 16.2/13

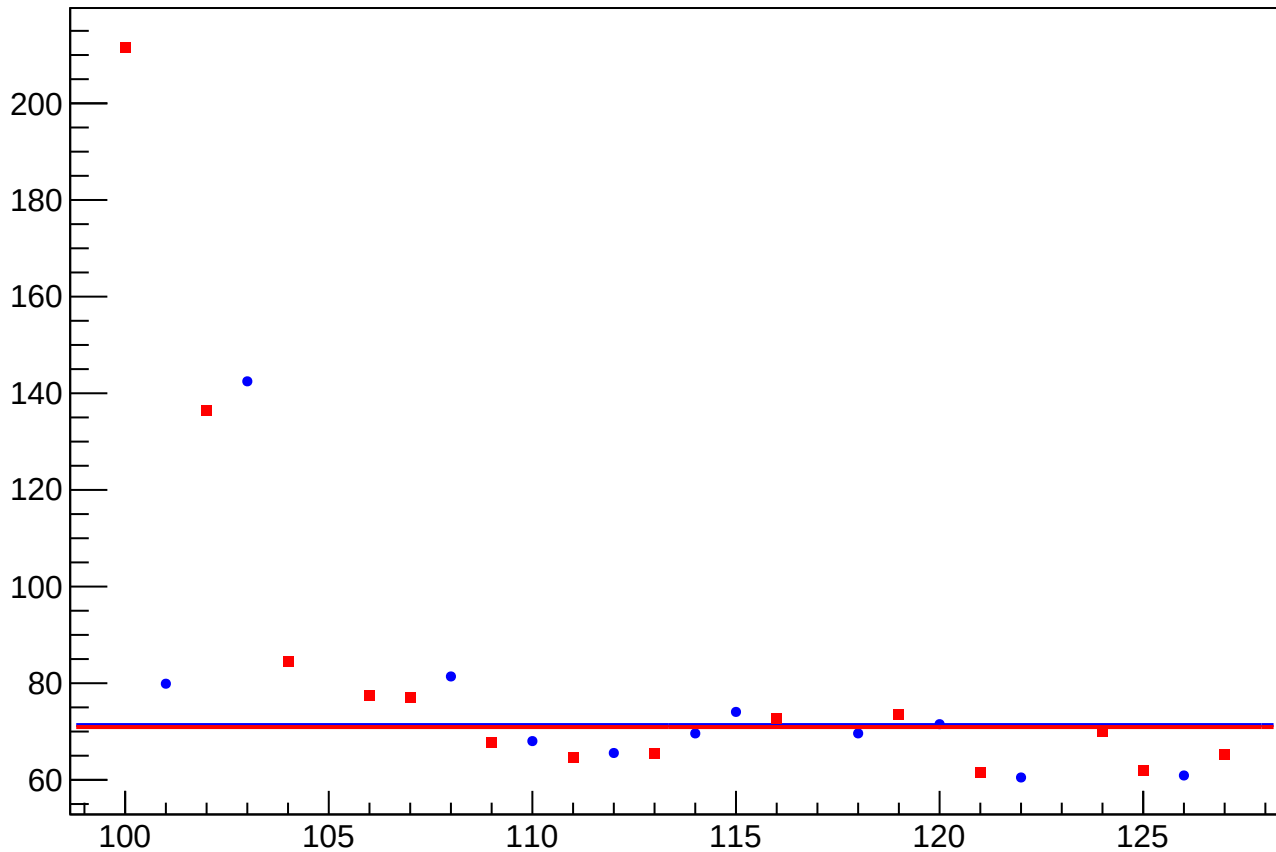
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.521+/-23.379 χ^2/NDF : 32.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_12345678_avg_rms vs Slug



Right In: 71.338+/-0.025 χ^2/NDF : 372402.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.927+/-0.022 χ^2/NDF : 439529.0/13

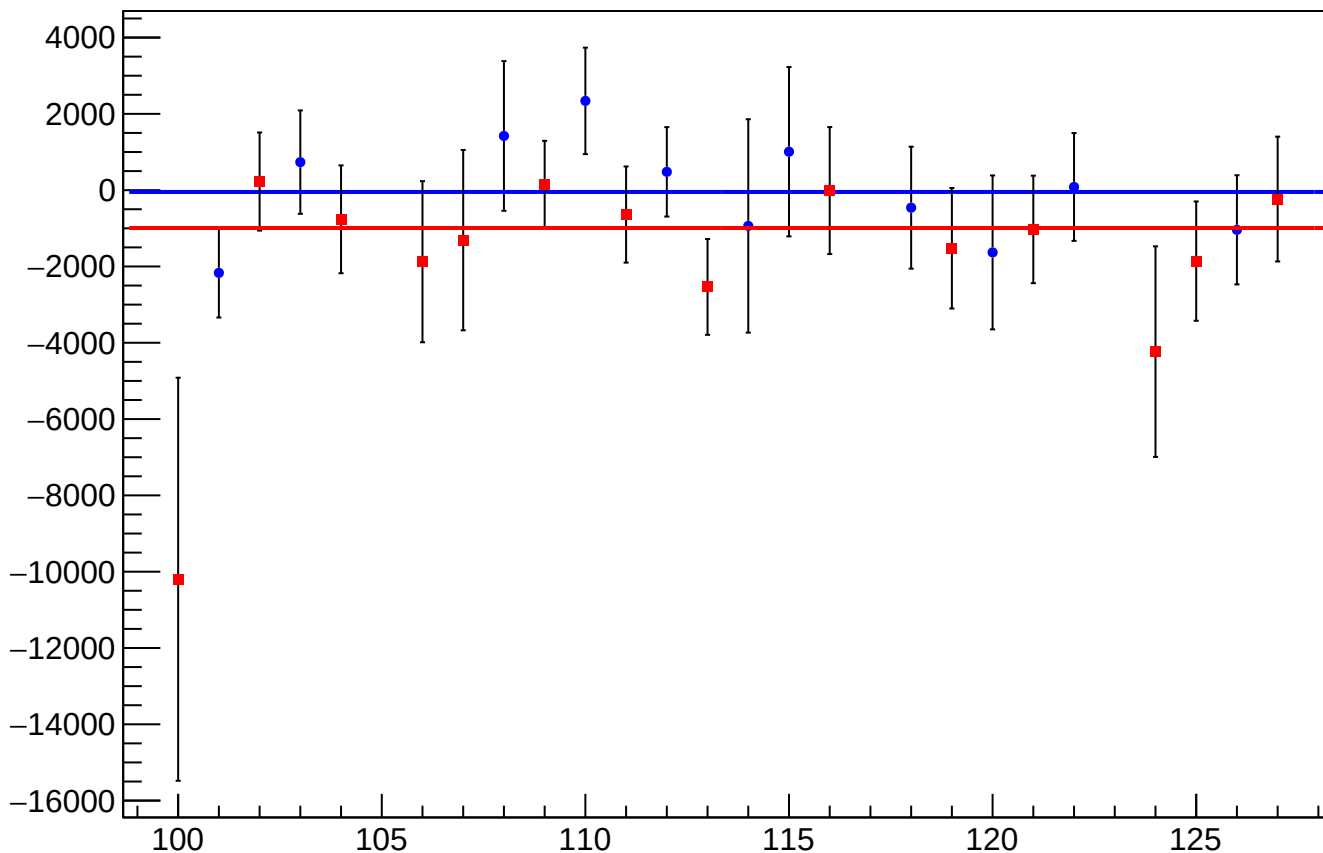
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.112+/-0.017 χ^2/NDF : 812085.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_cor_correction_mean vs Slug



Right In: -46.777+/-459.629 χ^2/NDF : 8.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -991.527+/-417.081 χ^2/NDF : 9.1/13

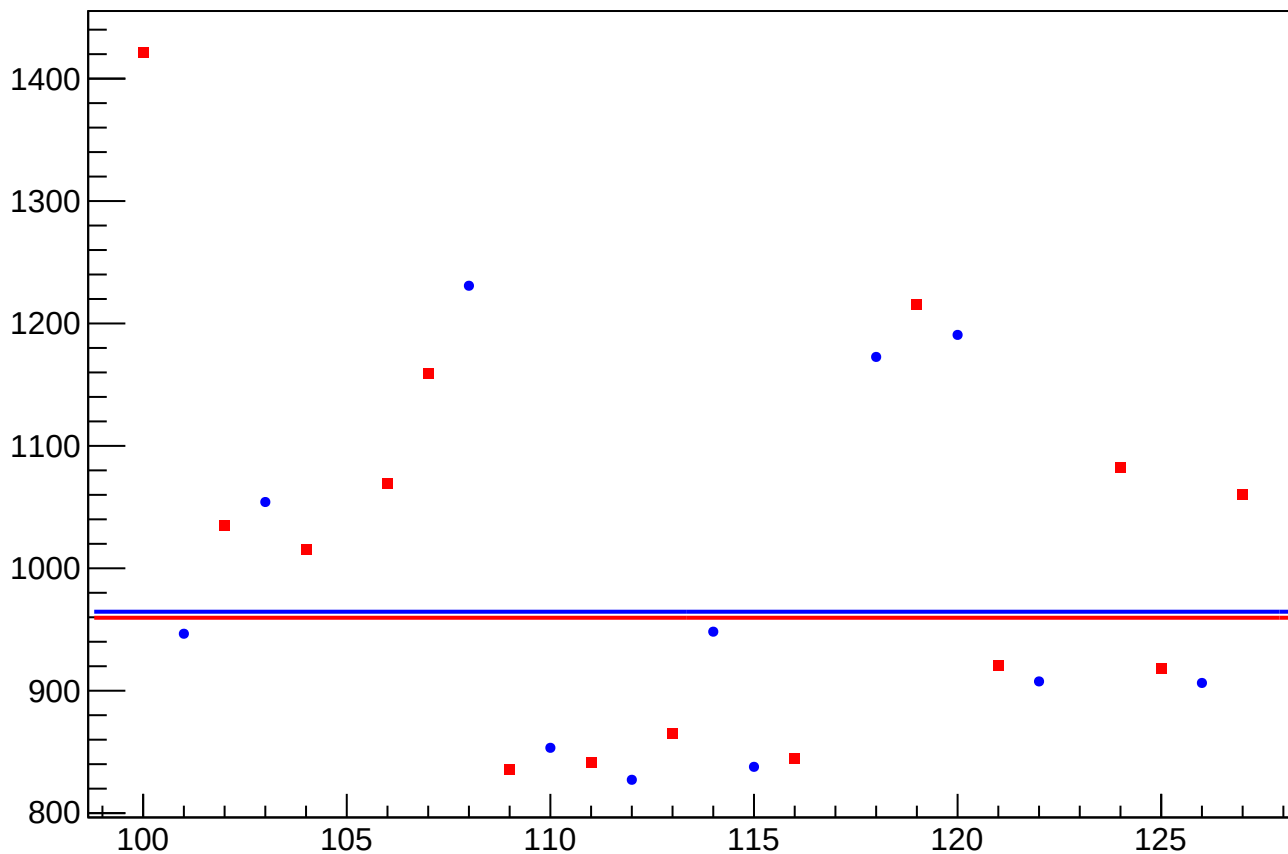
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -564.894+/-308.870 χ^2/NDF : 20.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_cor_correction_rms vs Slug



Right In: 964.538+/-0.325 χ^2/NDF : 158406.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 959.613+/-0.295 χ^2/NDF : 173748.7/13

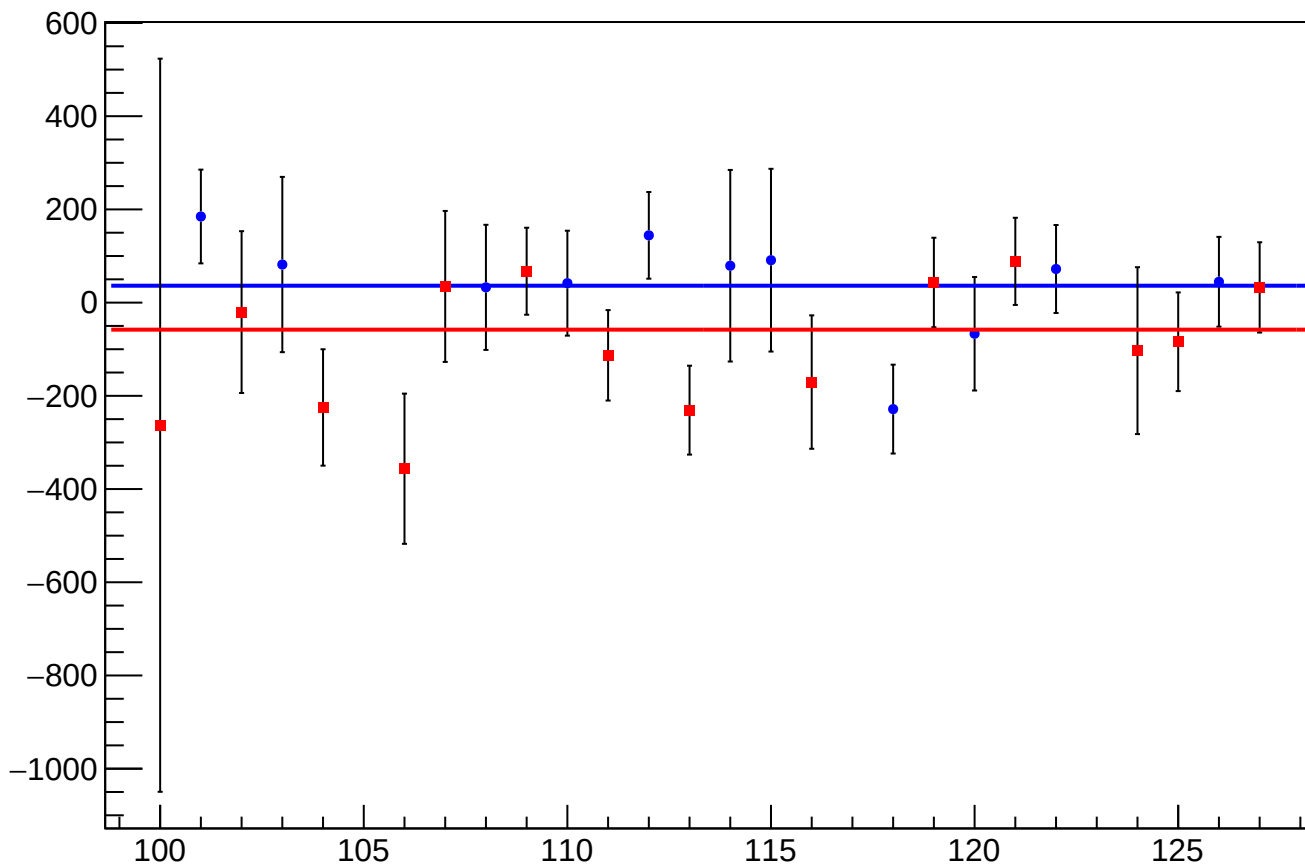
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 961.837+/-0.218 χ^2/NDF : 332281.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_12345678_avg_mean vs Slug



Right In: 36.280+/-34.830 χ^2/NDF : 12.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -58.001+/-31.541 χ^2/NDF : 16.2/13

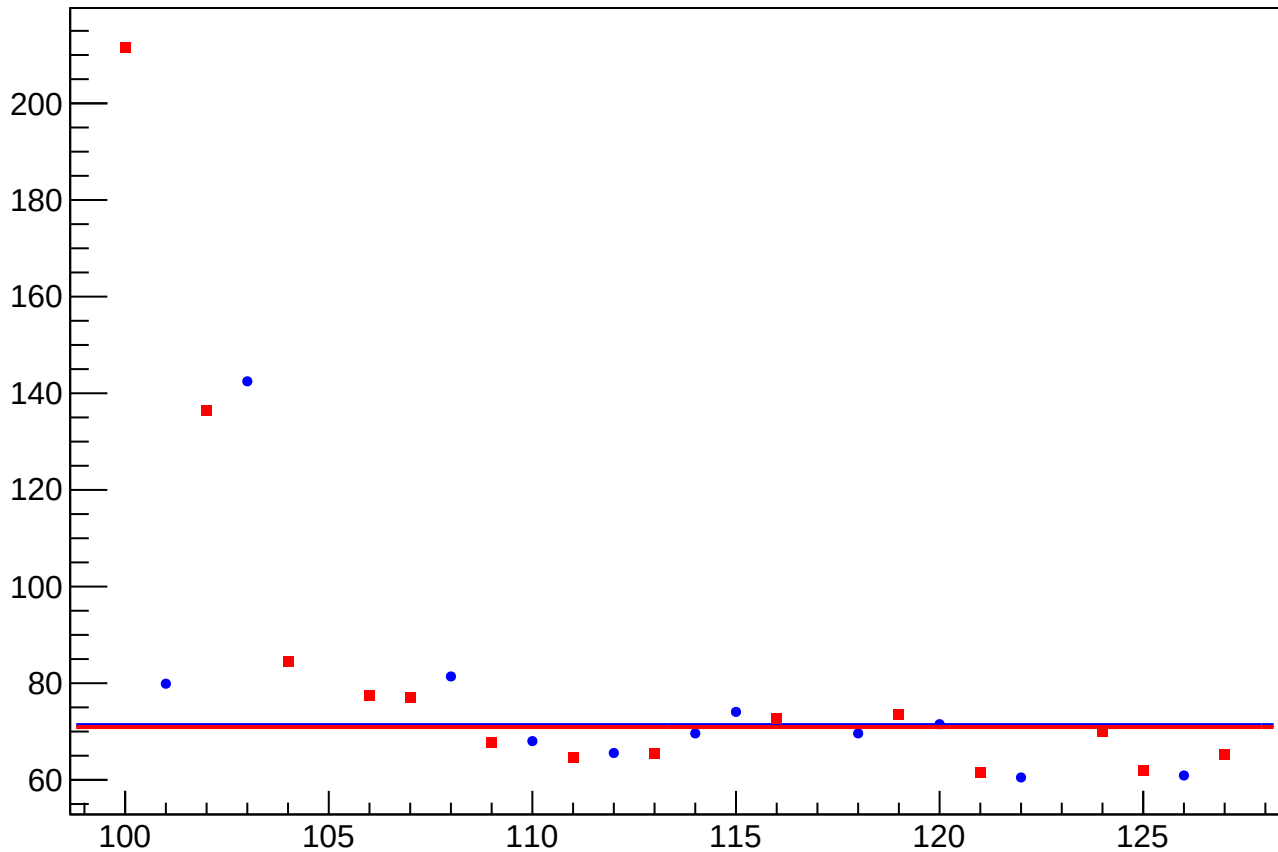
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.521+/-23.379 χ^2/NDF : 32.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_12345678_avg_rms vs Slug



Right In: 71.338+/-0.025 χ^2/NDF : 372402.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.927+/-0.022 χ^2/NDF : 439529.0/13

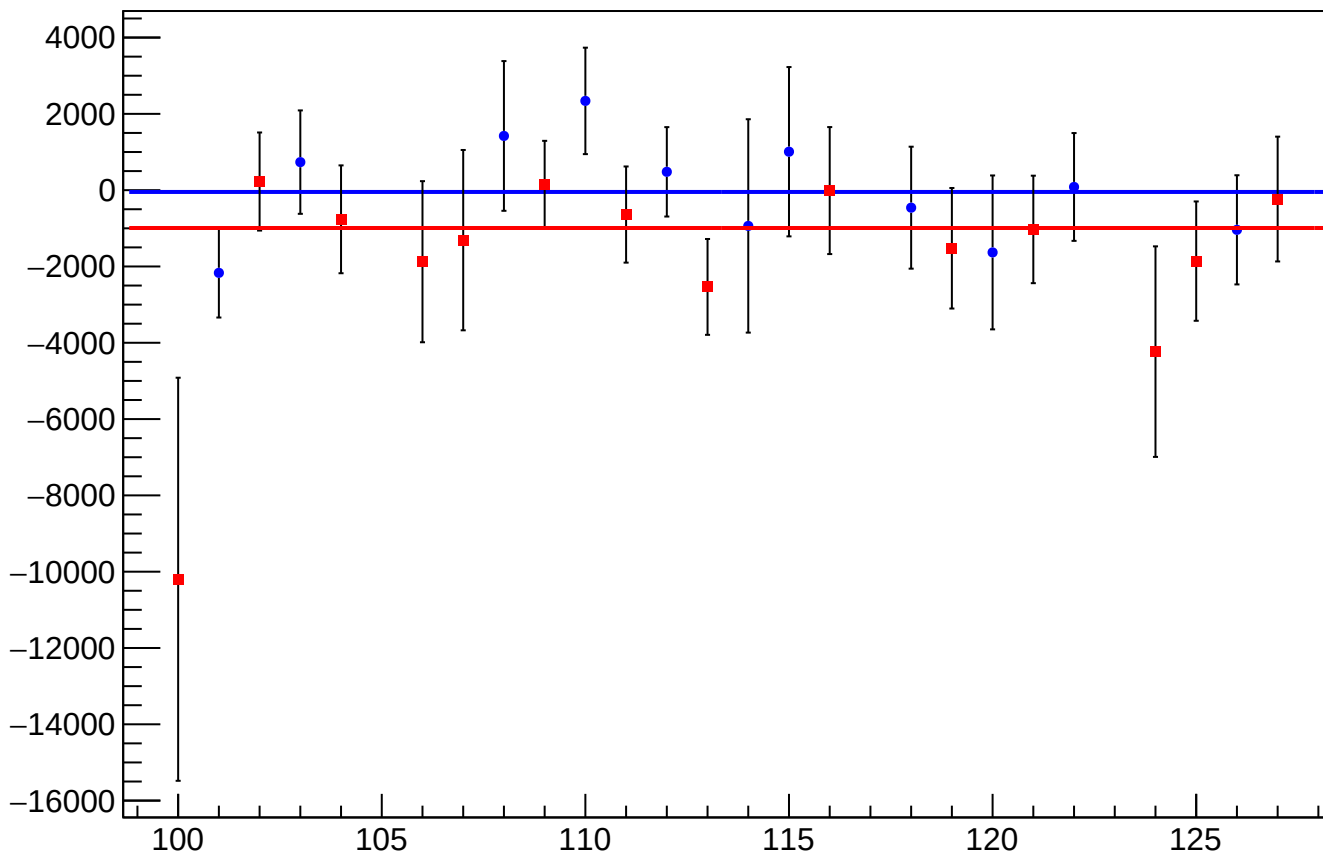
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.112+/-0.017 χ^2/NDF : 812085.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_eigen_cor_correction_mean vs Slug



Right In: -46.777 $\pm$ 459.629 χ^2 /NDF: 8.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -991.527 $\pm$ 417.081 χ^2 /NDF: 9.1/13

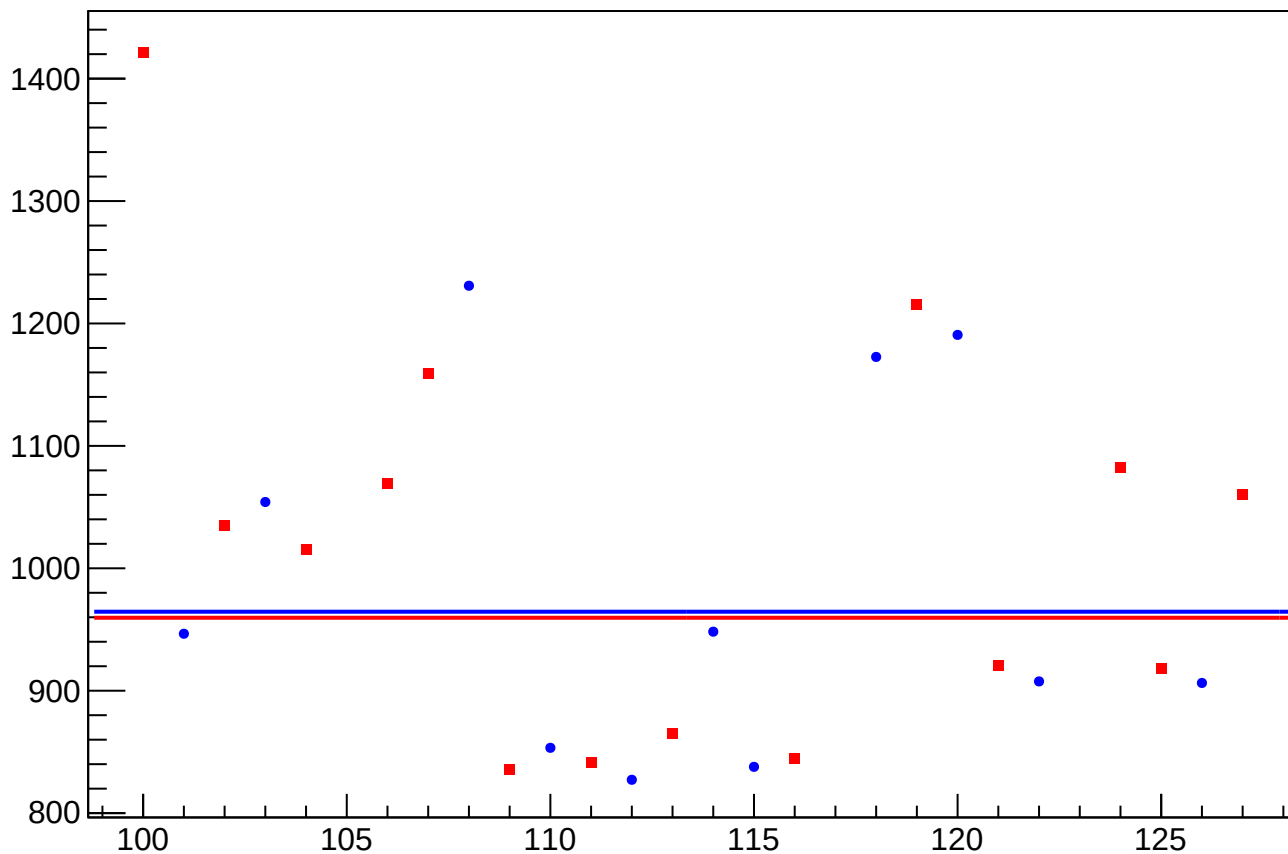
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -564.894 $\pm$ 308.870 χ^2 /NDF: 20.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_eigen_cor_correction_rms vs Slug



Right In: 964.538+/-0.325 χ^2/NDF : 158406.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 959.613+/-0.295 χ^2/NDF : 173748.7/13

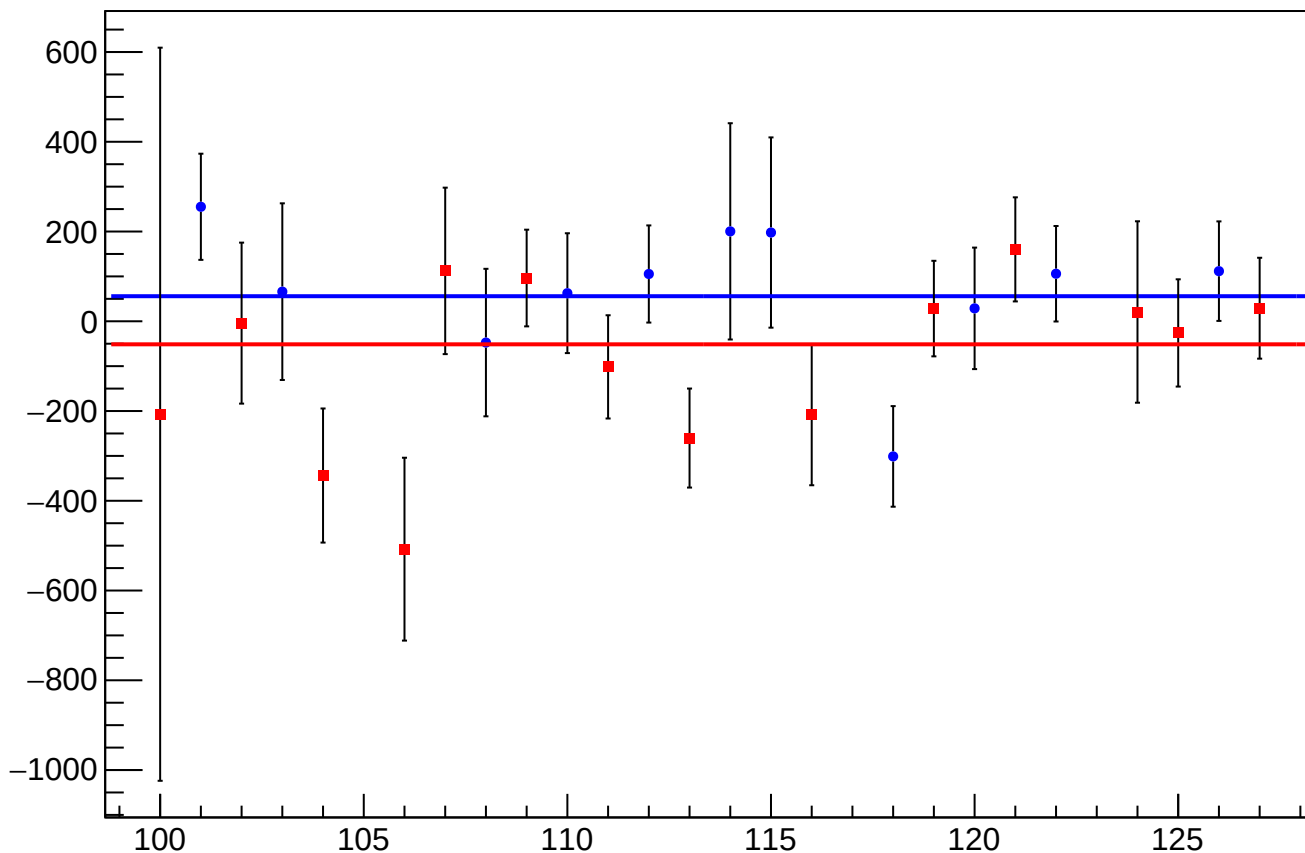
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 961.837+/-0.218 χ^2/NDF : 332281.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_12345678_avg_mean vs Slug



Right In: 55.868 $\pm$ 40.191 χ^2 /NDF: 14.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -51.352 $\pm$ 36.491 χ^2 /NDF: 21.0/13

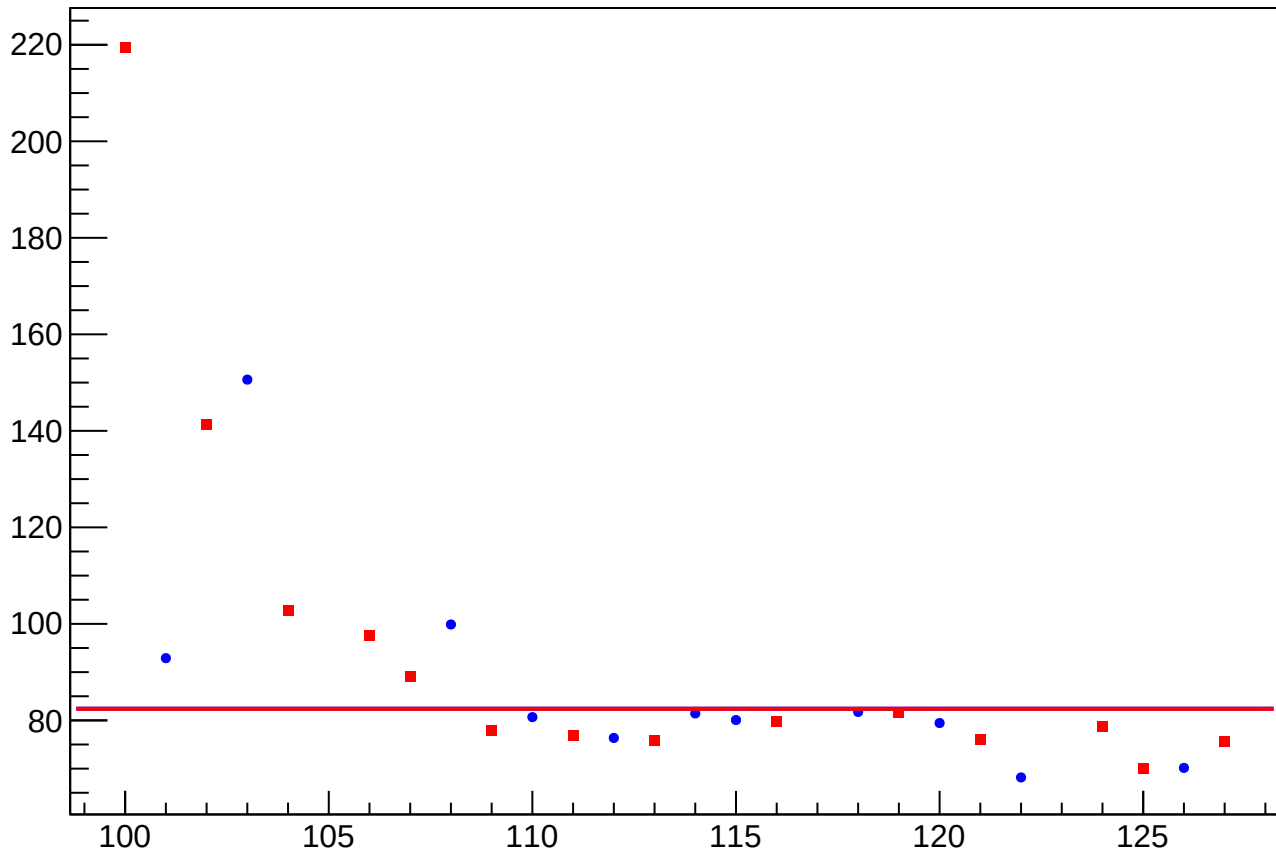
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2.905 $\pm$ 27.017 χ^2 /NDF: 39.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_12345678_avg_rms vs Slug



Right In: 82.422+/-0.028 χ^2/NDF : 346569.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.403+/-0.026 χ^2/NDF : 373919.3/13

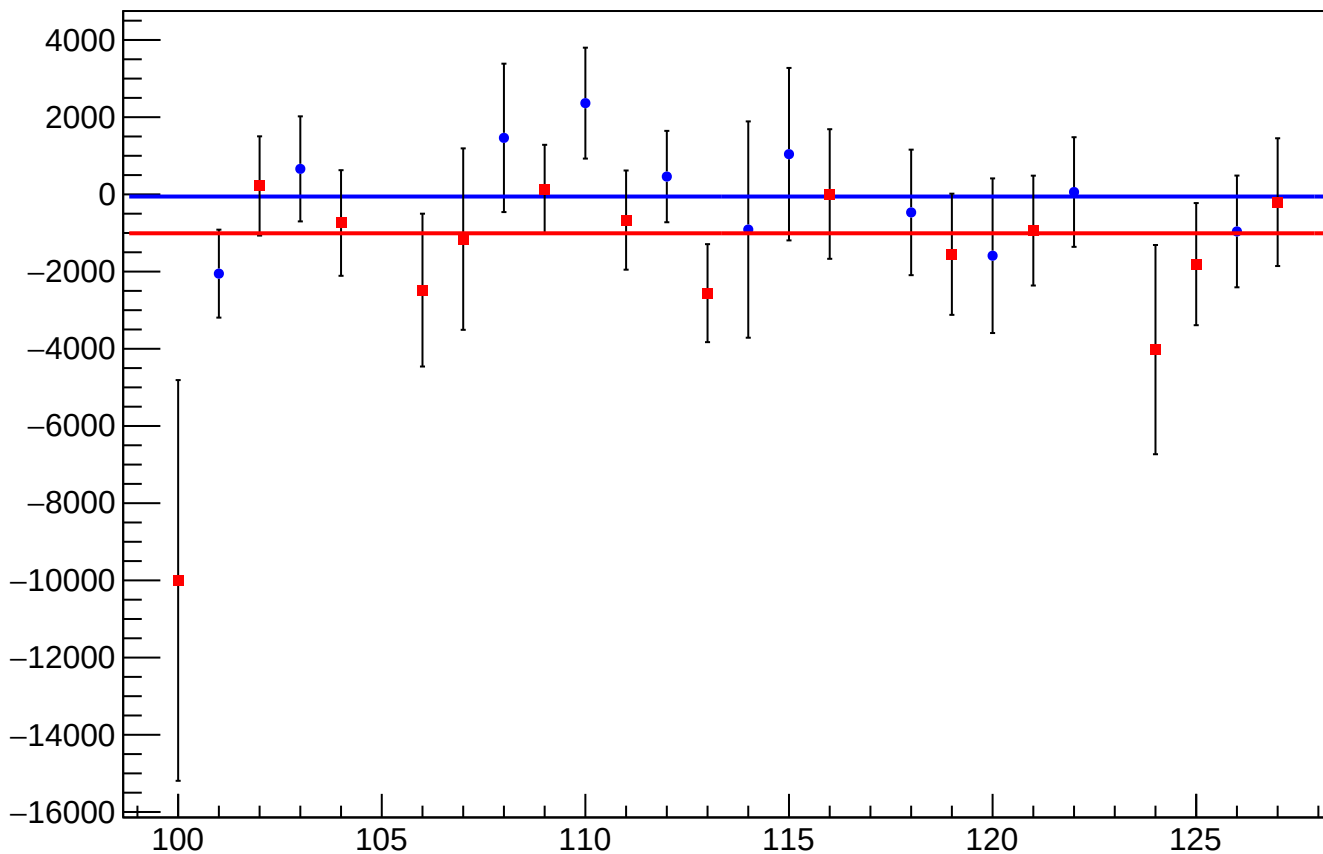
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.412+/-0.019 χ^2/NDF : 720488.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_dit_correction_mean vs Slug



Right In: -55.705 $\pm$ 460.880 χ^2 /NDF: 8.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1007.816 $\pm$ 416.921 χ^2 /NDF: 9.3/13

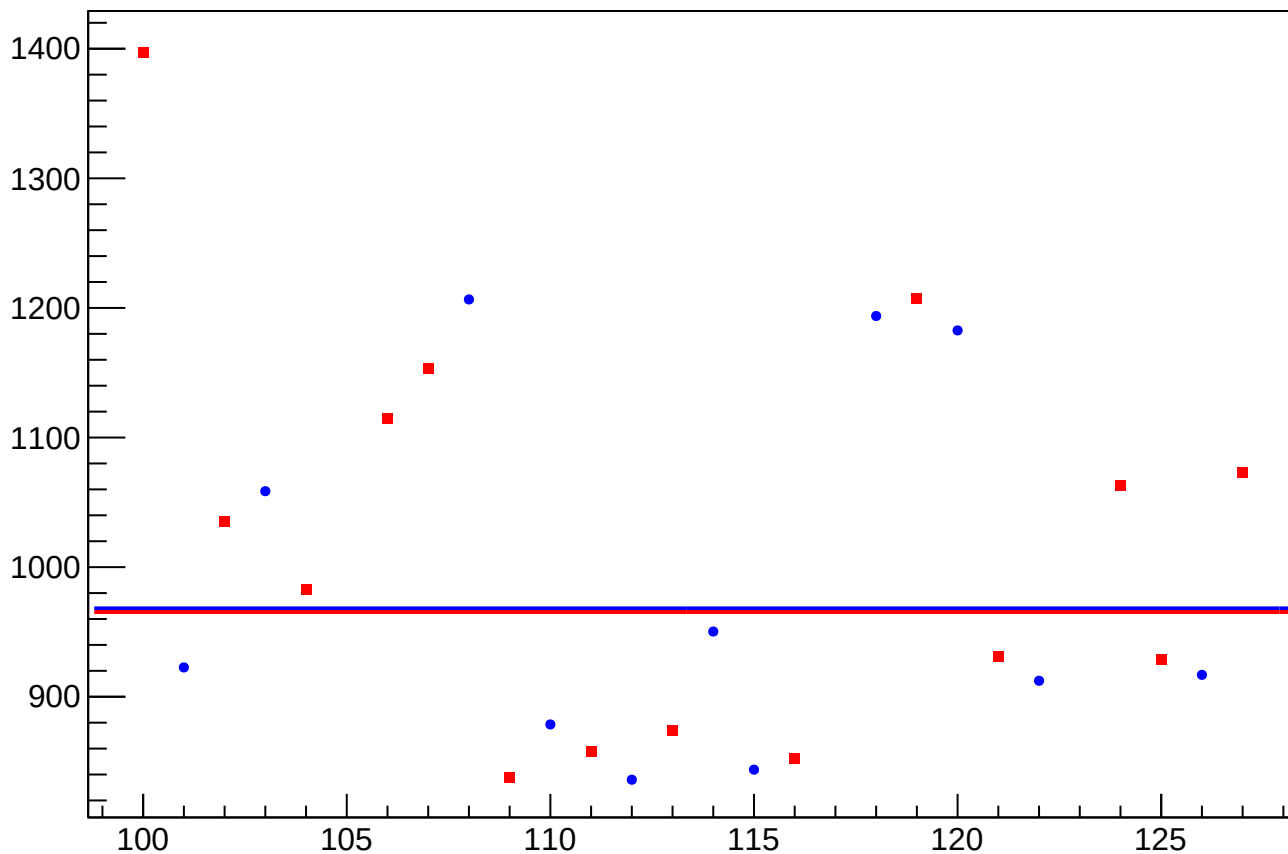
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -579.322 $\pm$ 309.184 χ^2 /NDF: 20.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_dit_correction_rms vs Slug



Right In: 968.173+/-0.326 χ^2/NDF : 148836.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 965.411+/-0.295 χ^2/NDF : 163170.6/13

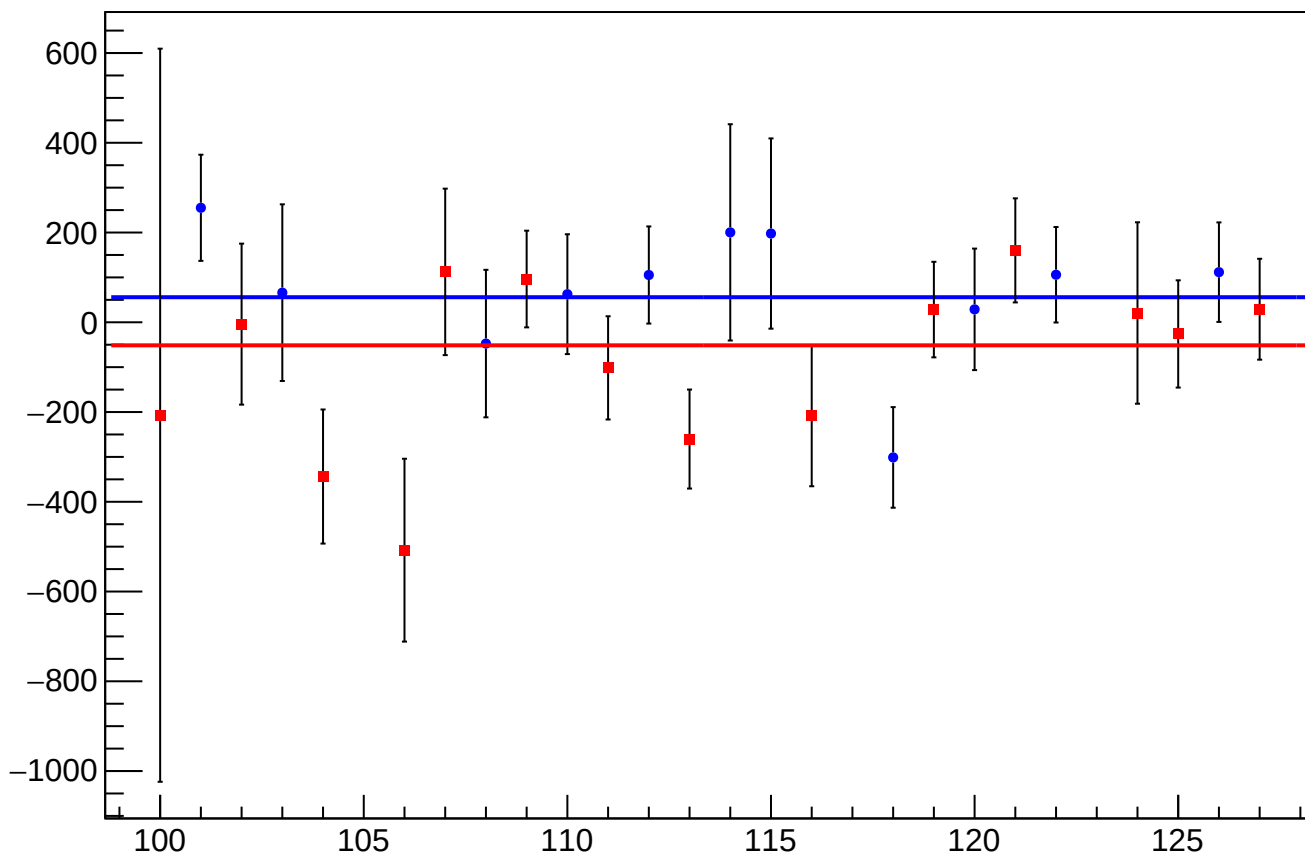
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 966.654+/-0.219 χ^2/NDF : 312046.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_12345678_avg_mean vs Slug



Right In: 55.867 $\pm$ 40.191 χ^2 /NDF: 14.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -51.350 $\pm$ 36.491 χ^2 /NDF: 21.0/13

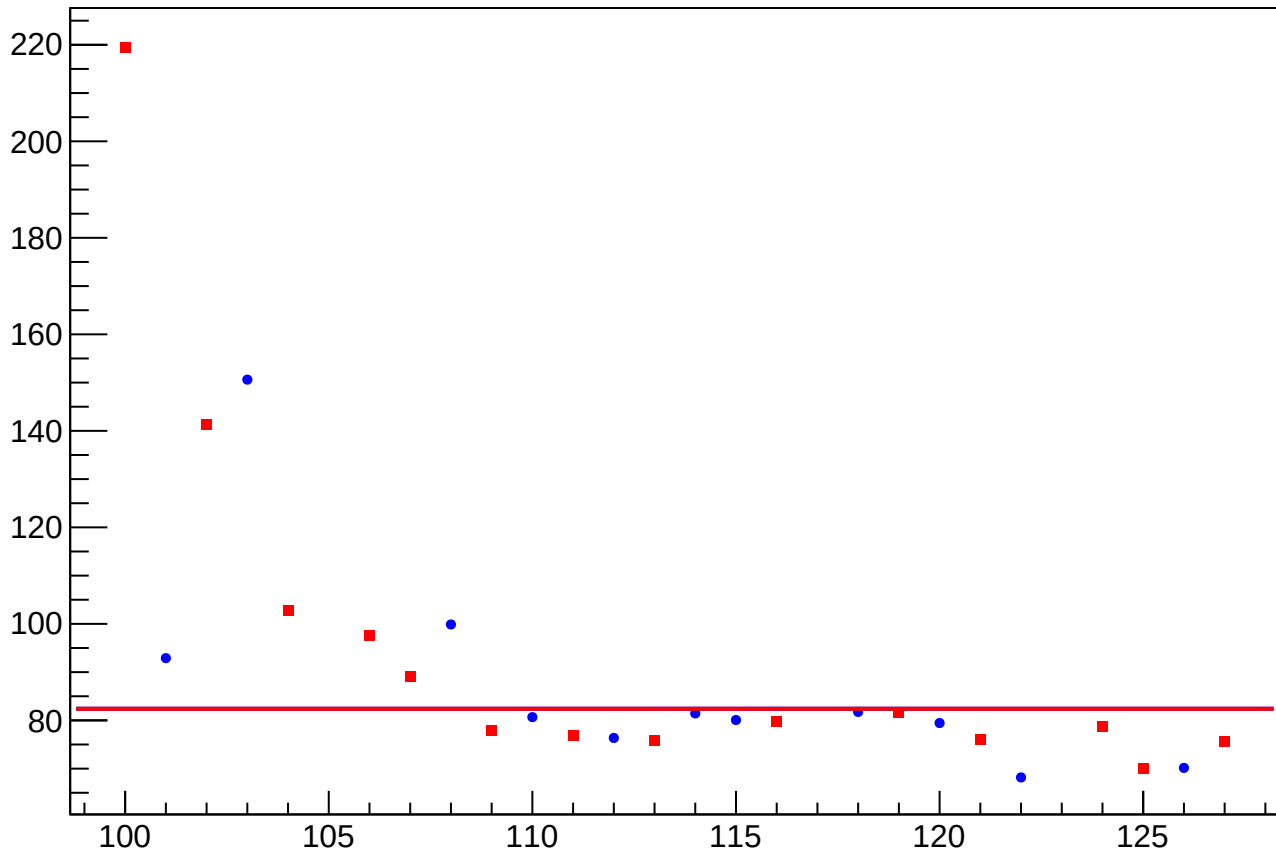
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2.904 $\pm$ 27.017 χ^2 /NDF: 39.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_12345678_avg_rms vs Slug



Right In: 82.422+/-0.028 χ^2/NDF : 346572.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.403+/-0.026 χ^2/NDF : 373927.7/13

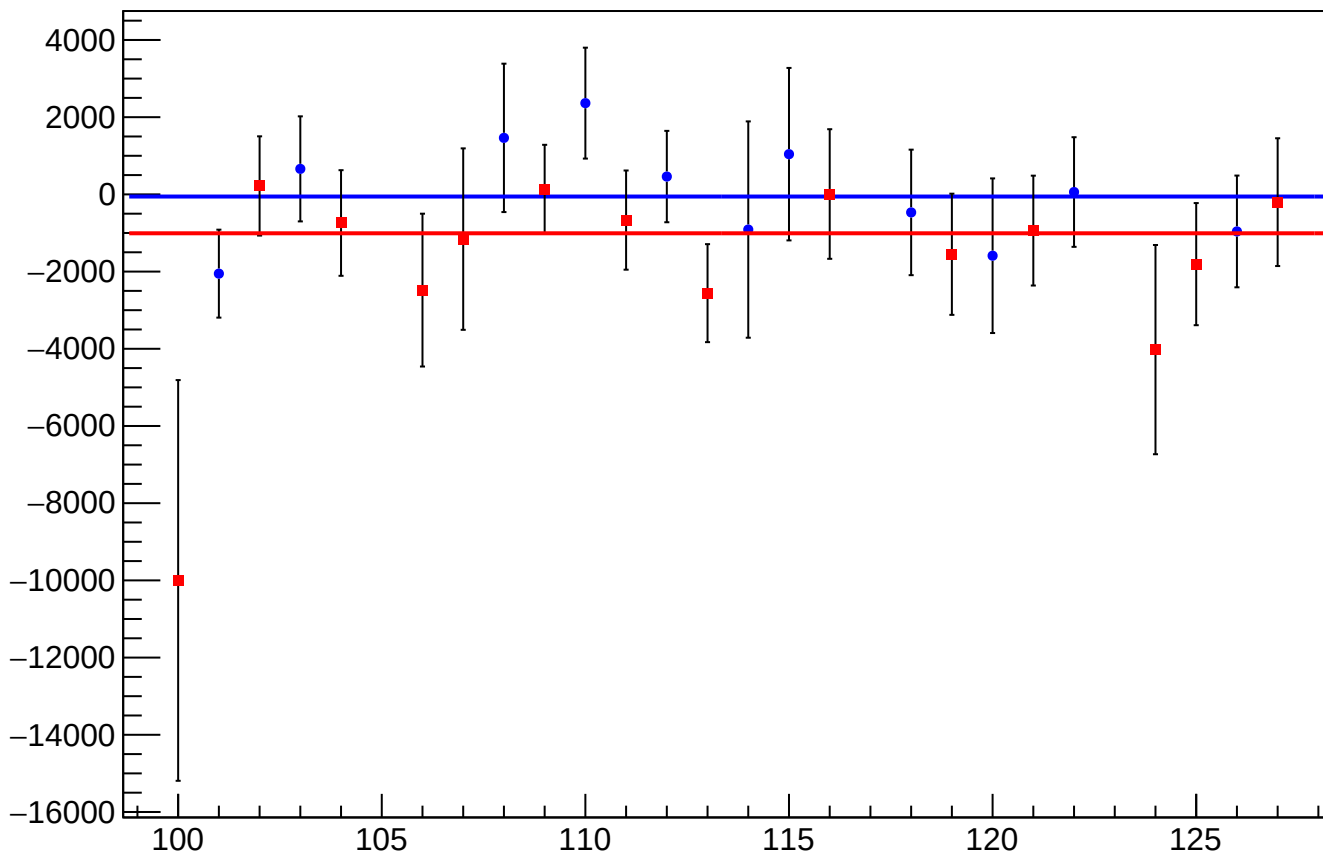
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.411+/-0.019 χ^2/NDF : 720500.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_eigen_dit_correction_mean vs Slug



Right In: -55.703 +/- 460.879 χ^2/NDF : 8.4/10

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -1007.814 +/- 416.920 χ^2/NDF : 9.3/13

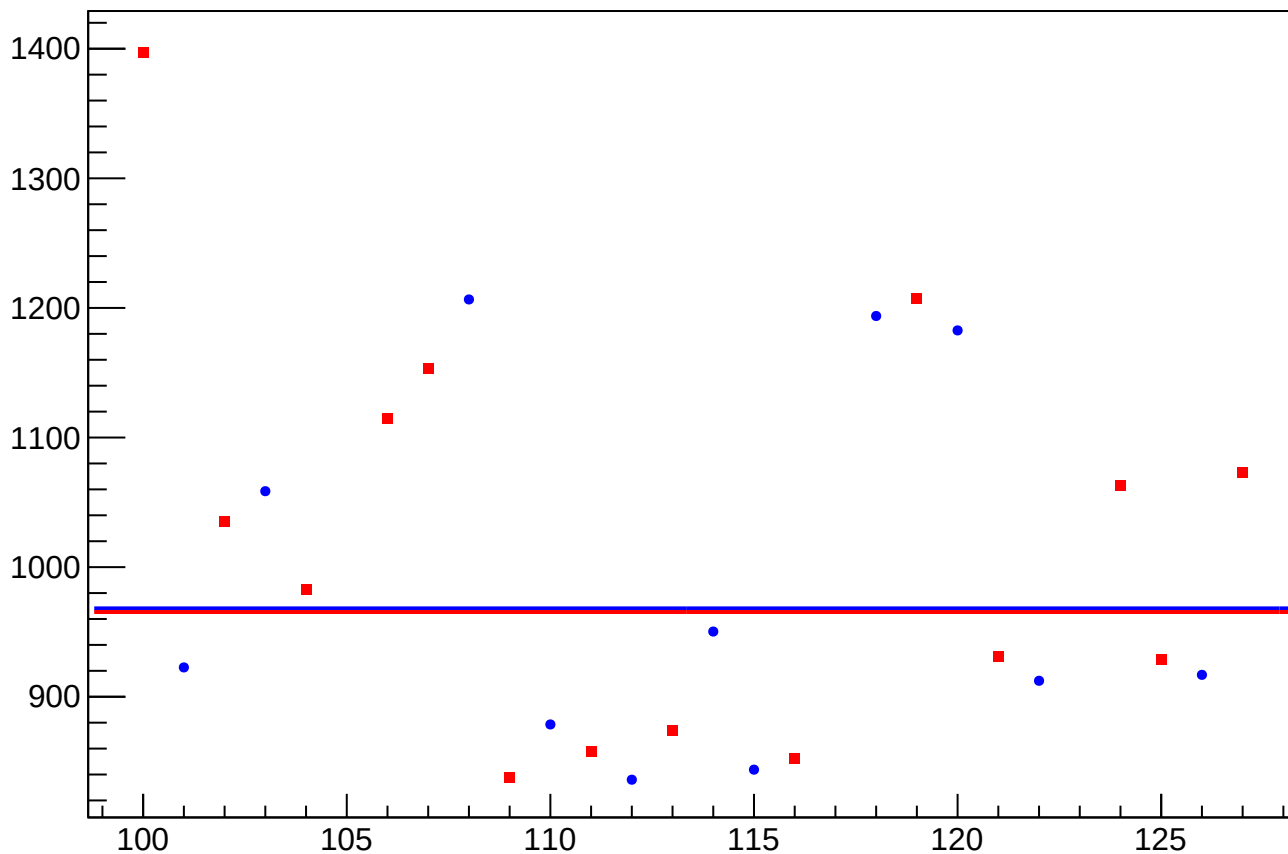
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -579.320 +/- 309.183 χ^2/NDF : 20.0/24

- sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_eigen_dit_correction_rms vs Slug



Right In: 968.170+/-0.326 χ^2/NDF : 148838.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 965.409+/-0.295 χ^2/NDF : 163172.9/13

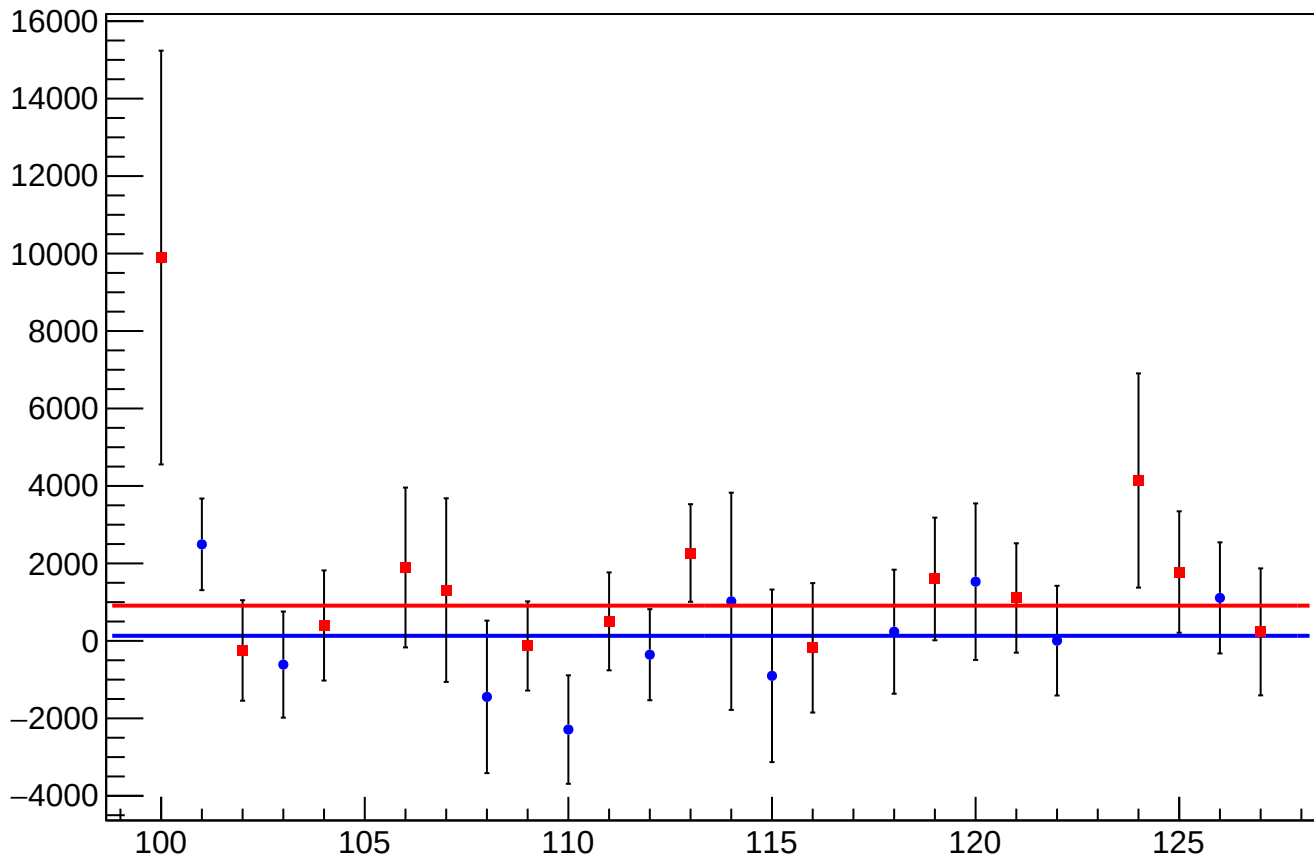
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 966.652+/-0.219 χ^2/NDF : 312051.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_mean vs Slug



Right In: 131.210+/-461.858 χ^2/NDF : 9.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 910.232+/-418.284 χ^2/NDF : 8.6/13

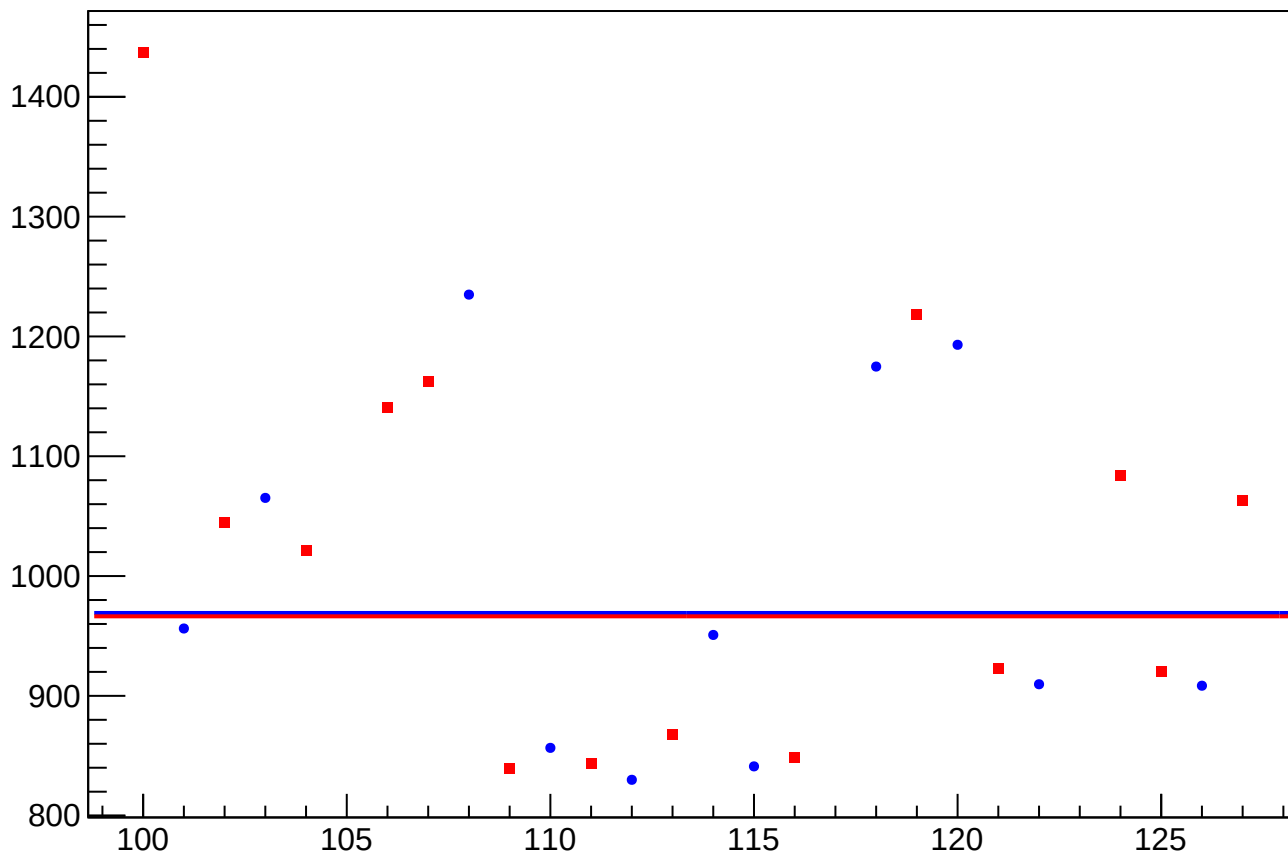
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 559.193+/-310.035 χ^2/NDF : 19.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_rms vs Slug



Right In: 969.185+/-0.327 χ^2/NDF : 158848.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 966.376+/-0.296 χ^2/NDF : 183938.5/13

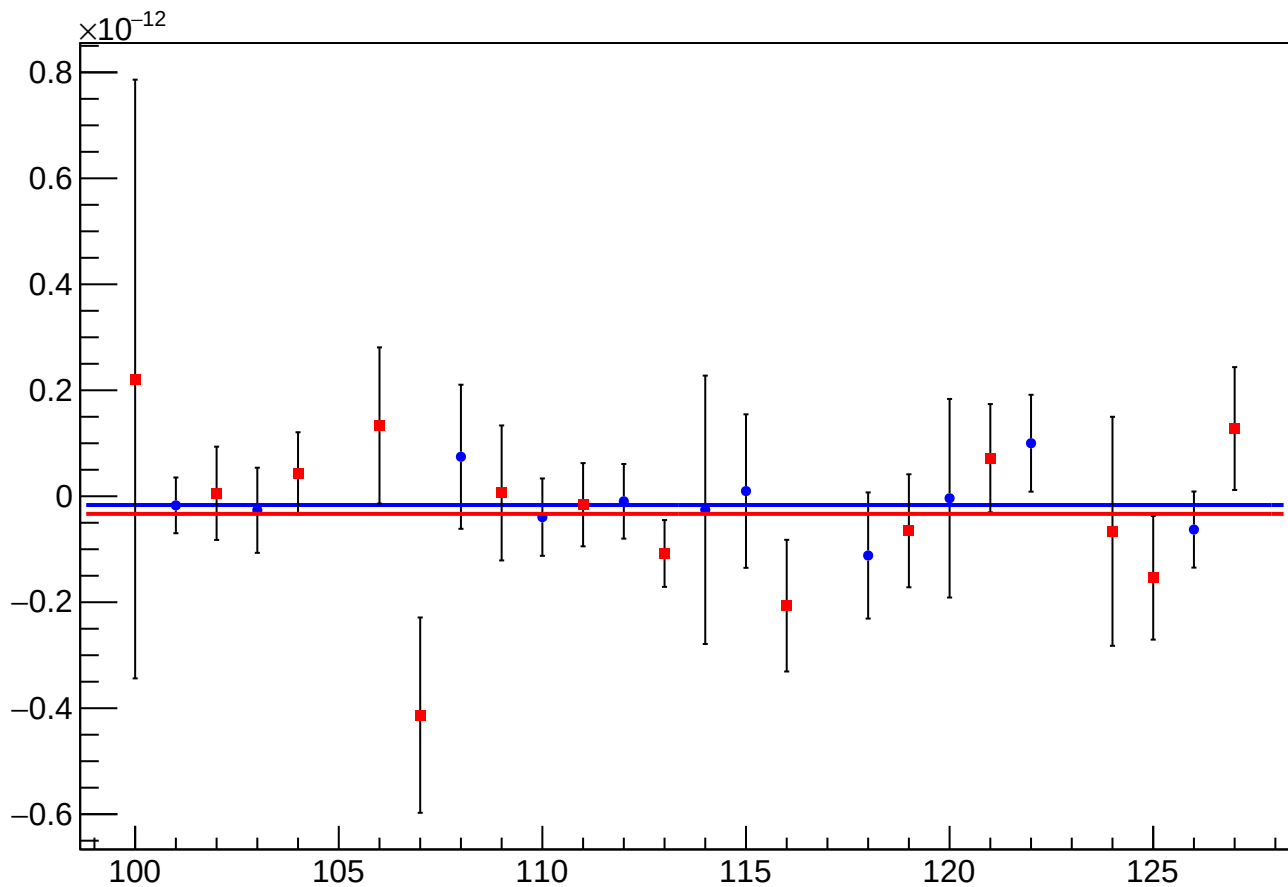
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 967.642+/-0.219 χ^2/NDF : 342827.5/24

- 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 : 3.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.6/13

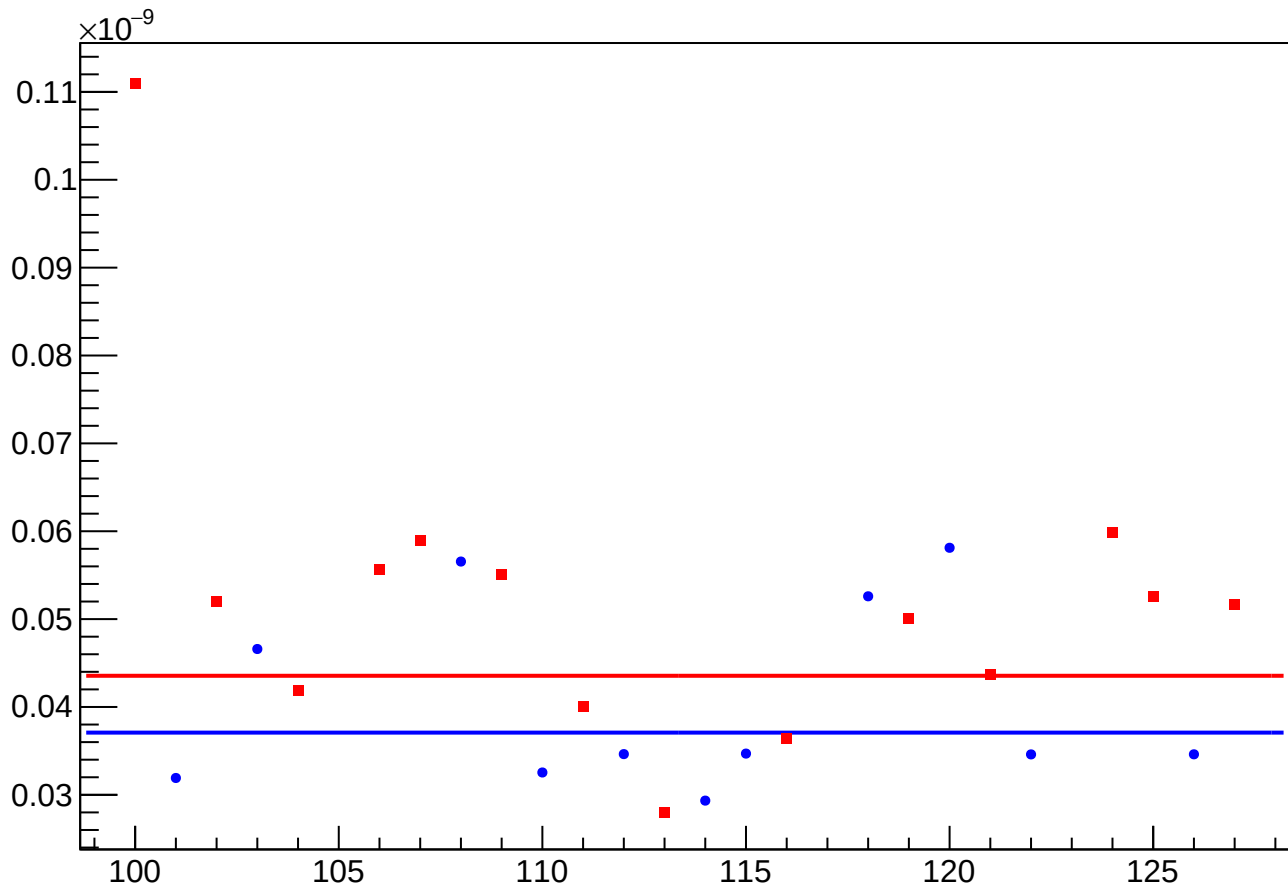
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.0/24

- 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 : 163893.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 264584.2/13

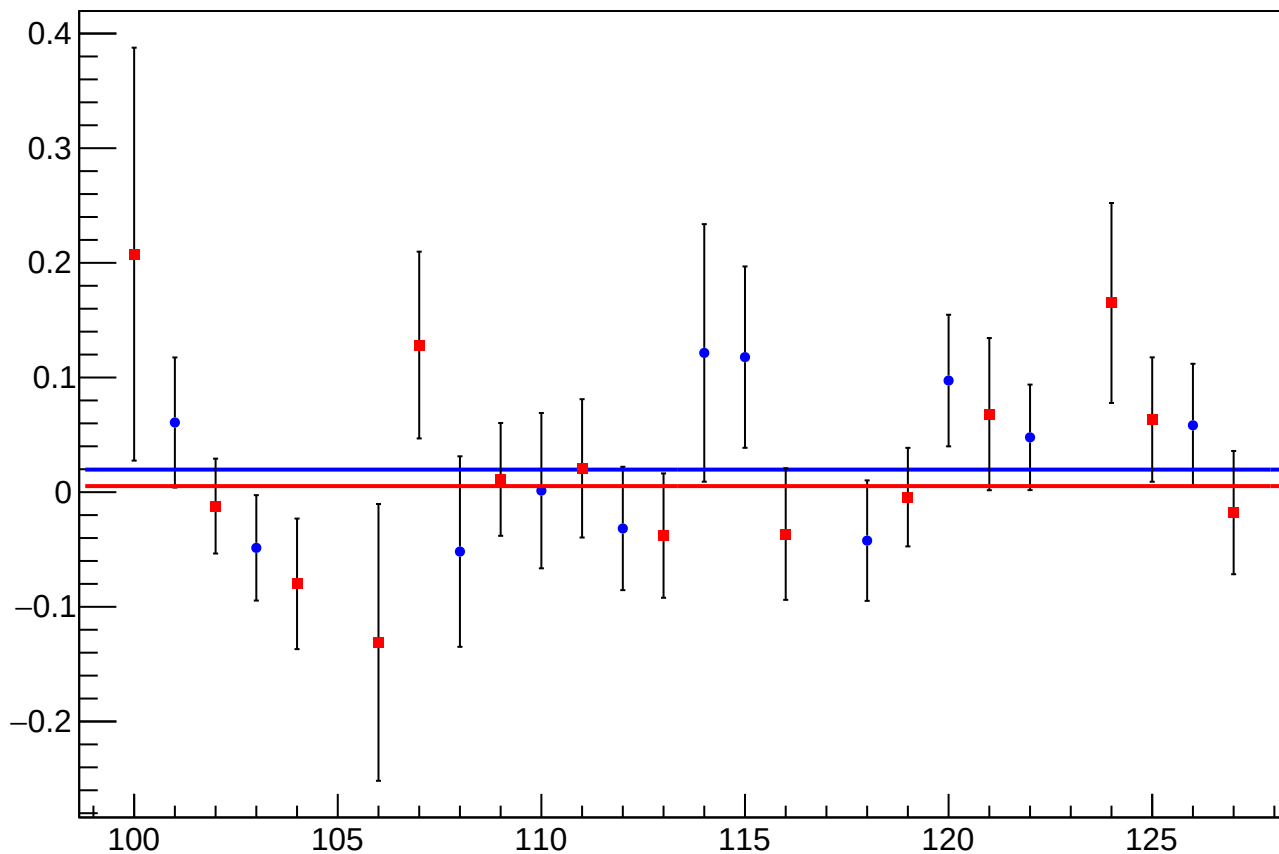
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 484805.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.020 $\pm$ 0.018 χ^2 /NDF: 10.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.005 $\pm$ 0.016 χ^2 /NDF: 14.1/13

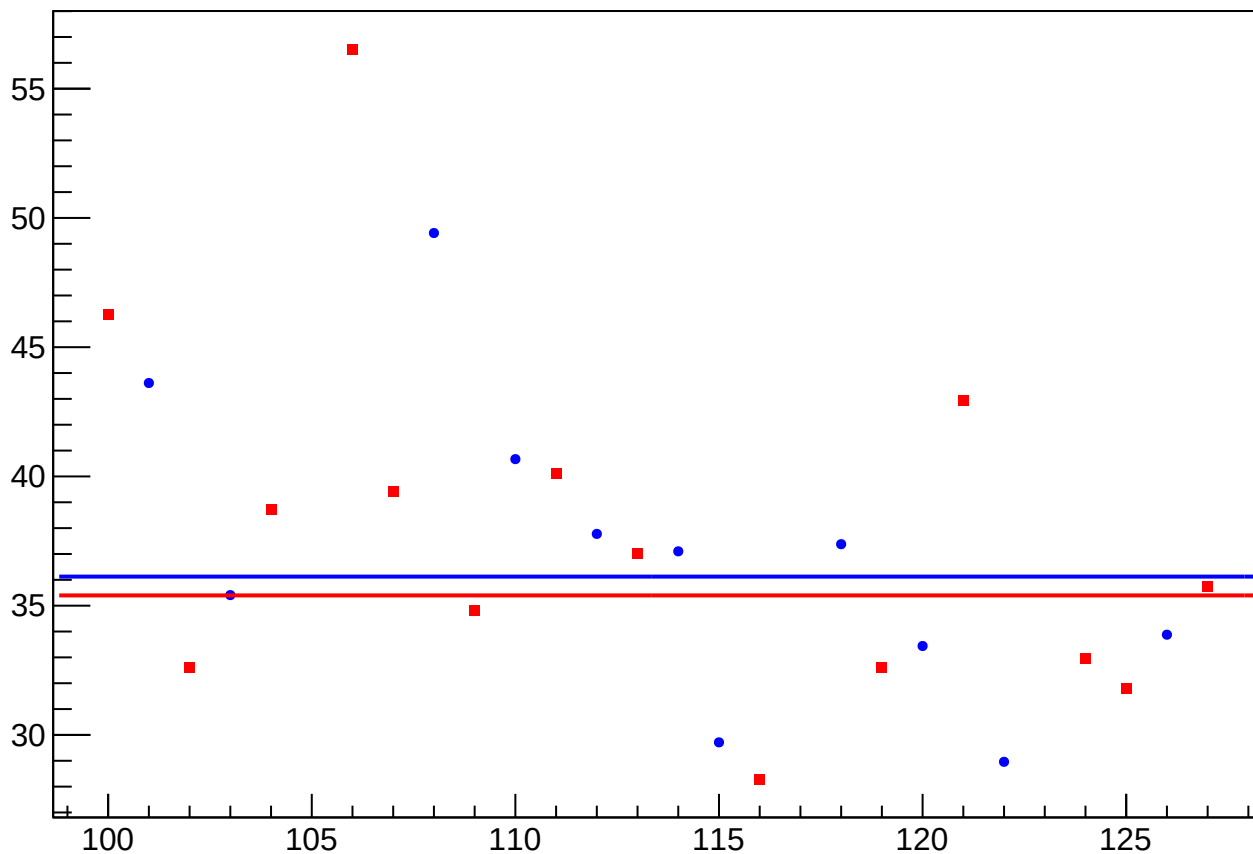
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.012 $\pm$ 0.012 χ^2 /NDF: 25.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_dit_vs_cor_diff_rms vs Slug



Right In: 36.125+/-0.012 χ^2/NDF : 168242.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.397+/-0.011 χ^2/NDF : 179217.3/13

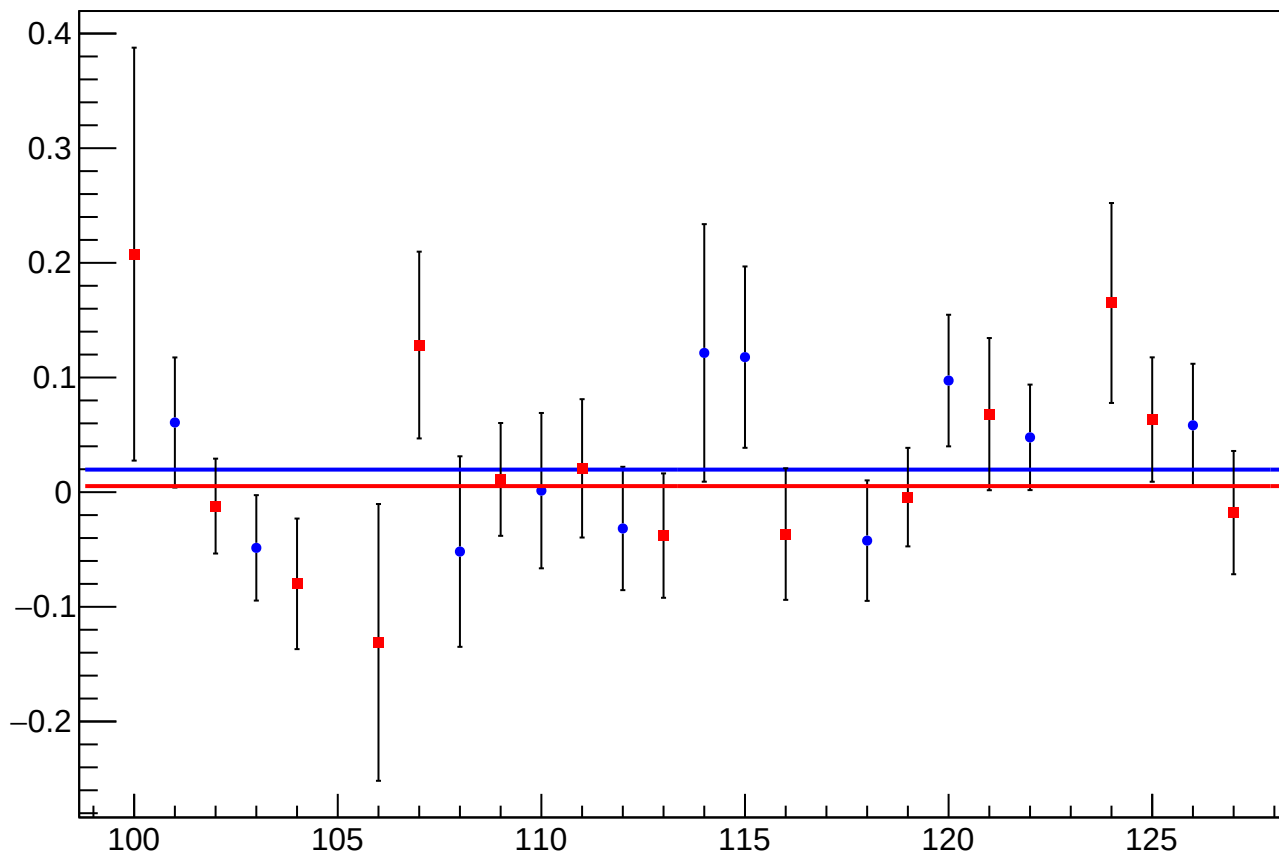
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.719+/-0.008 χ^2/NDF : 349360.2/24

- 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: 0.020 $\pm$ 0.018 χ^2 /NDF: 10.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.005 $\pm$ 0.016 χ^2 /NDF: 14.1/13

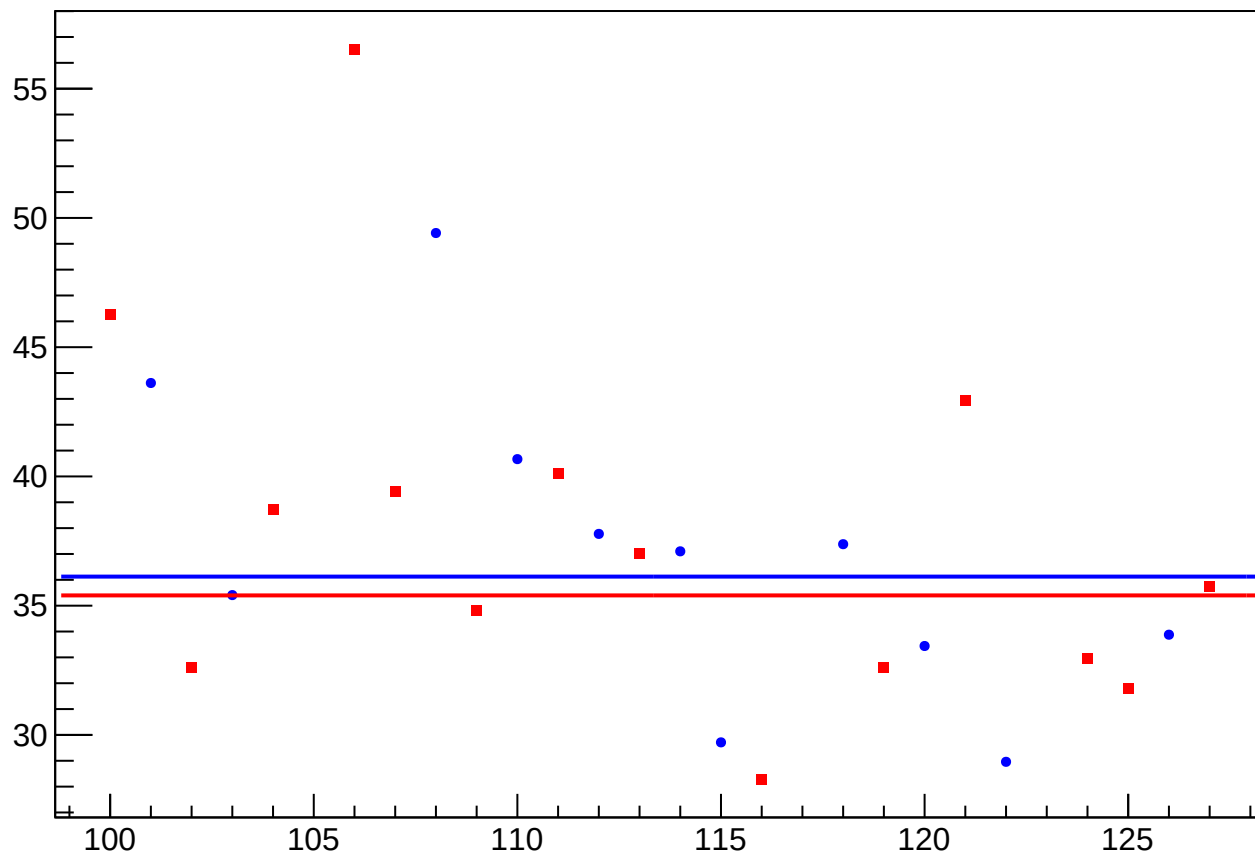
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.012 $\pm$ 0.012 χ^2 /NDF: 25.4/24

- 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: 36.125+/-0.012 χ^2/NDF : 168242.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.397+/-0.011 χ^2/NDF : 179217.3/13

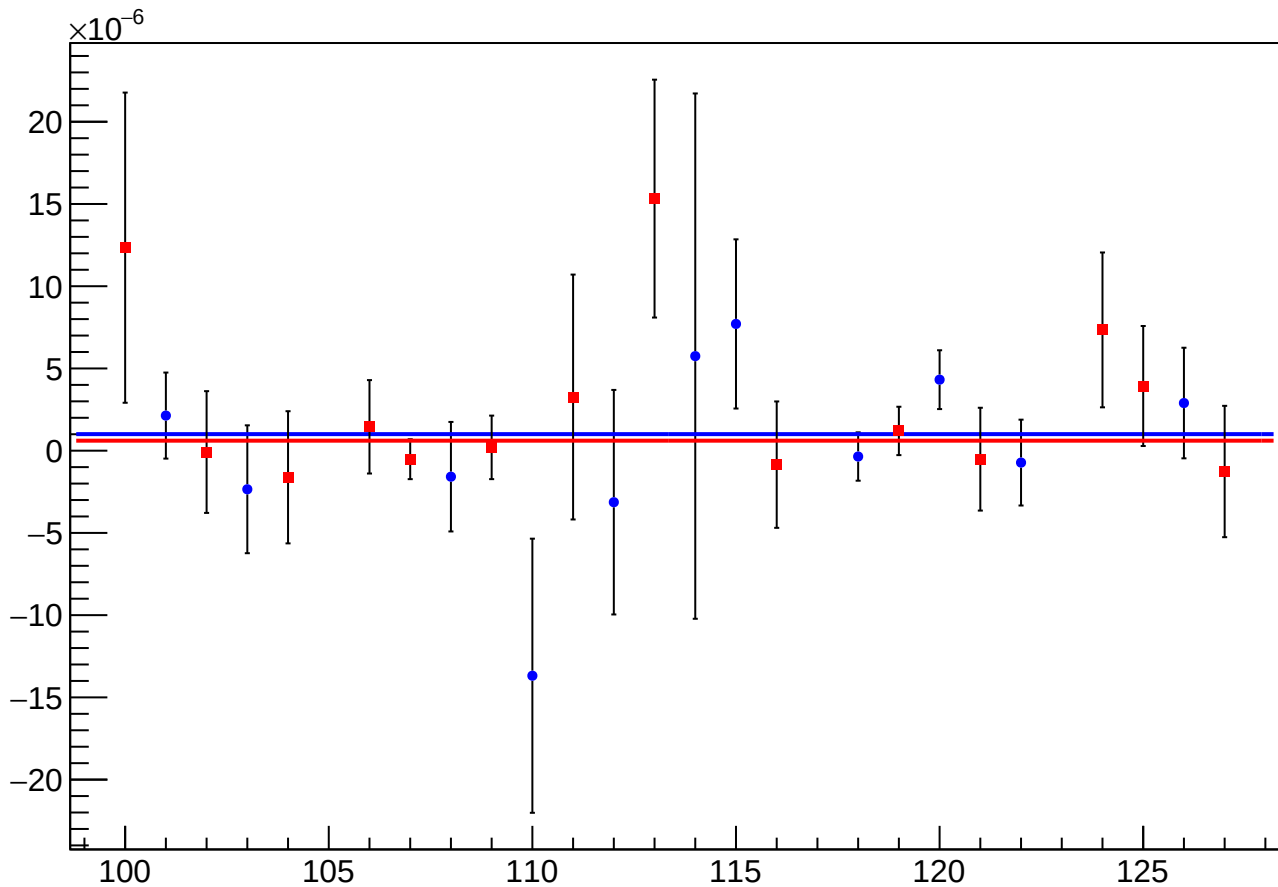
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.719+/-0.008 χ^2/NDF : 349360.2/24

- 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 : 11.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.7/13

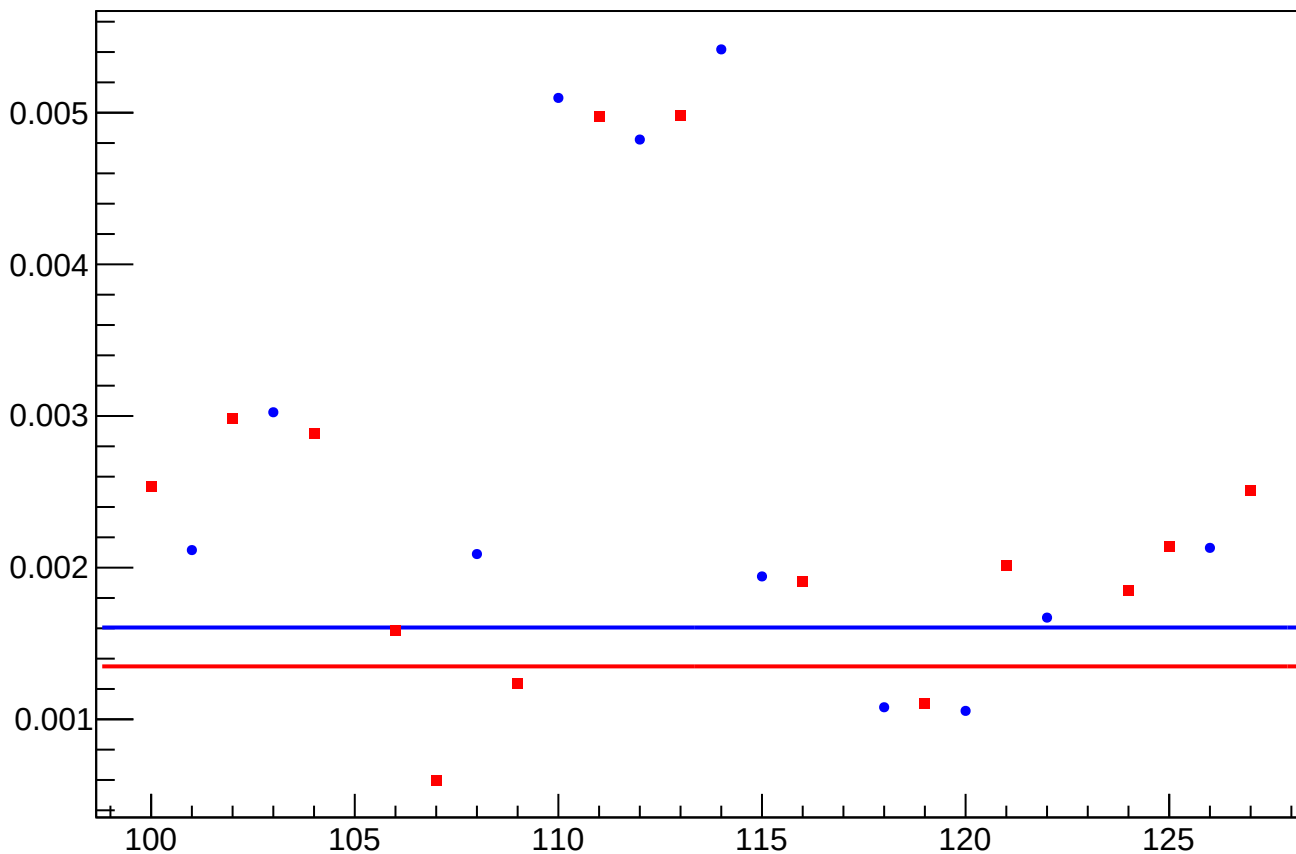
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.7/24

- 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 : 1797994.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2956366.2/13

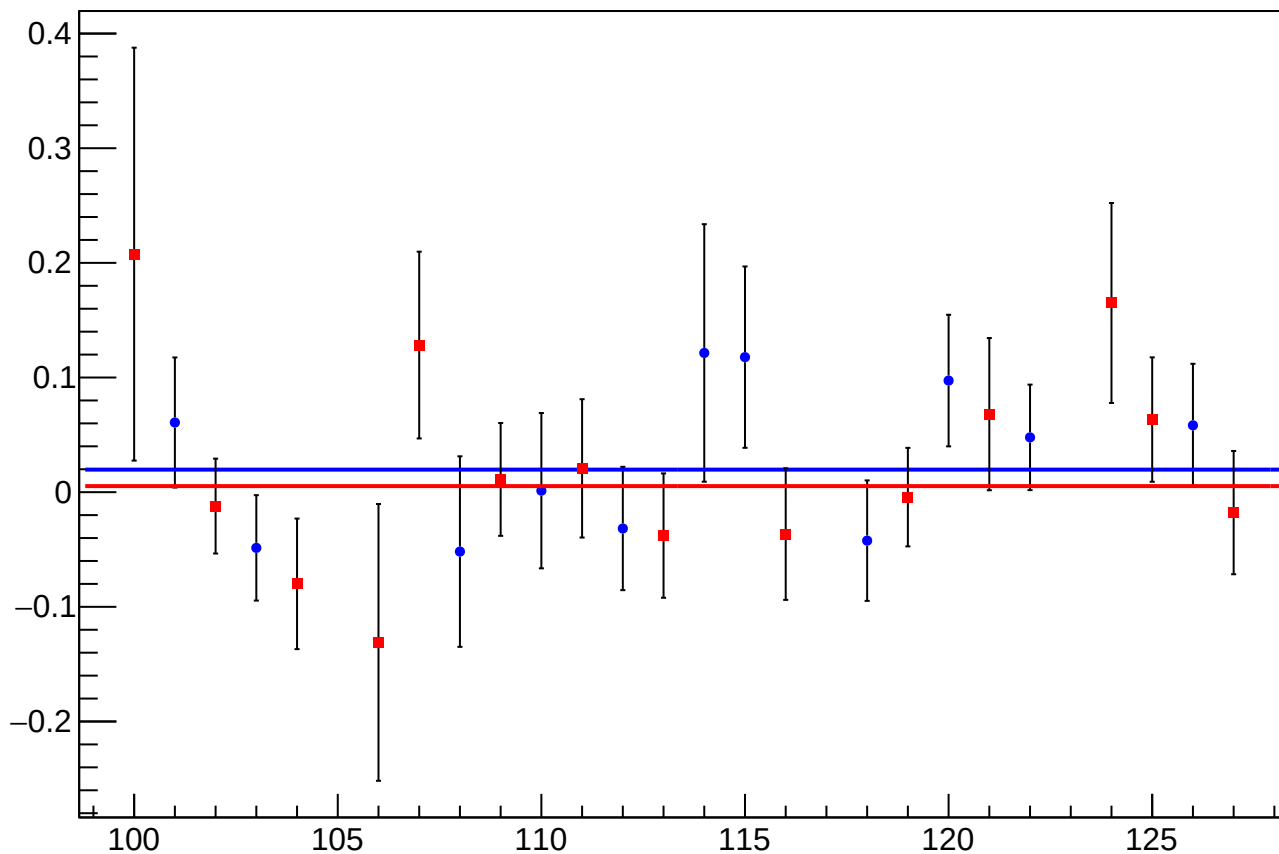
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4863799.8/24

- 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: 0.020 $\pm$ 0.018 χ^2 /NDF: 10.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.005 $\pm$ 0.016 χ^2 /NDF: 14.1/13

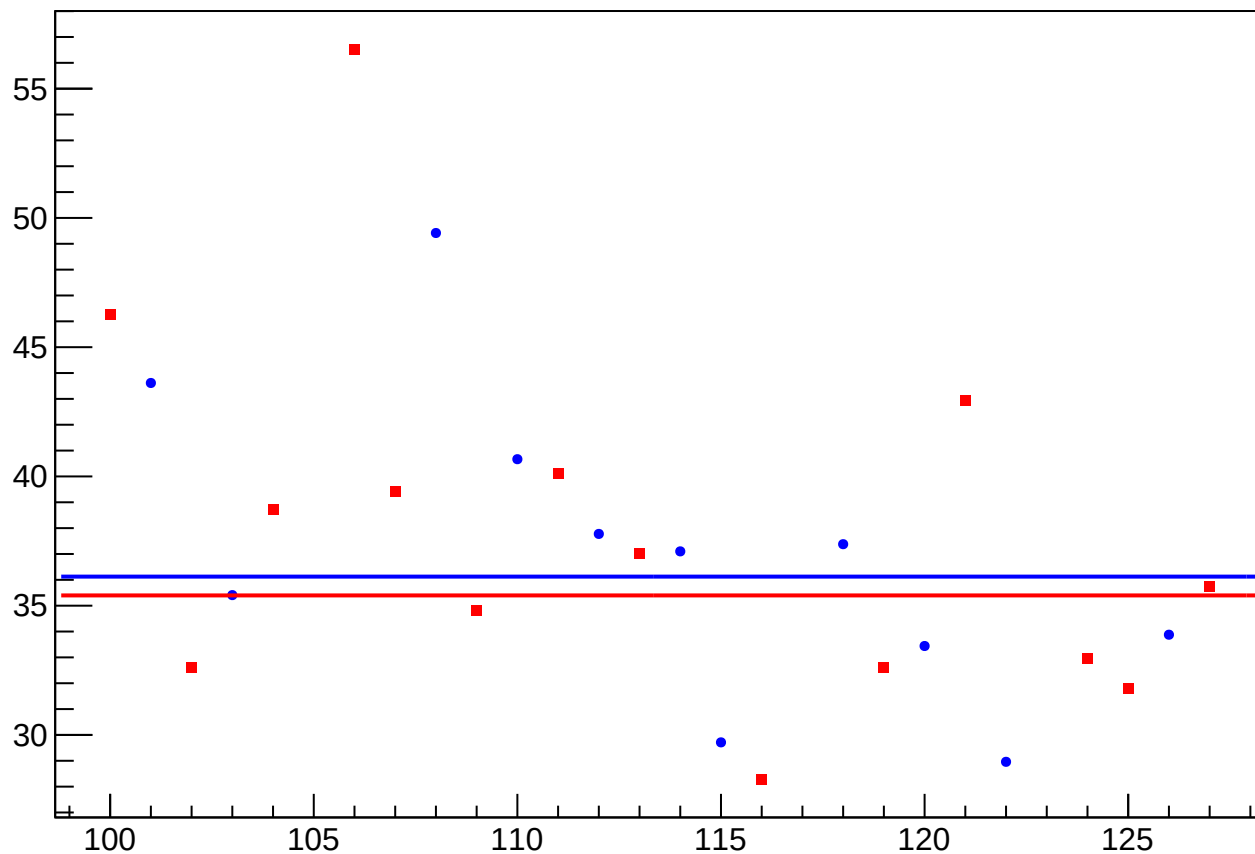
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.012 $\pm$ 0.012 χ^2 /NDF: 25.4/24

- 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: 36.125+/-0.012 χ^2/NDF : 168238.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.397+/-0.011 χ^2/NDF : 179206.0/13

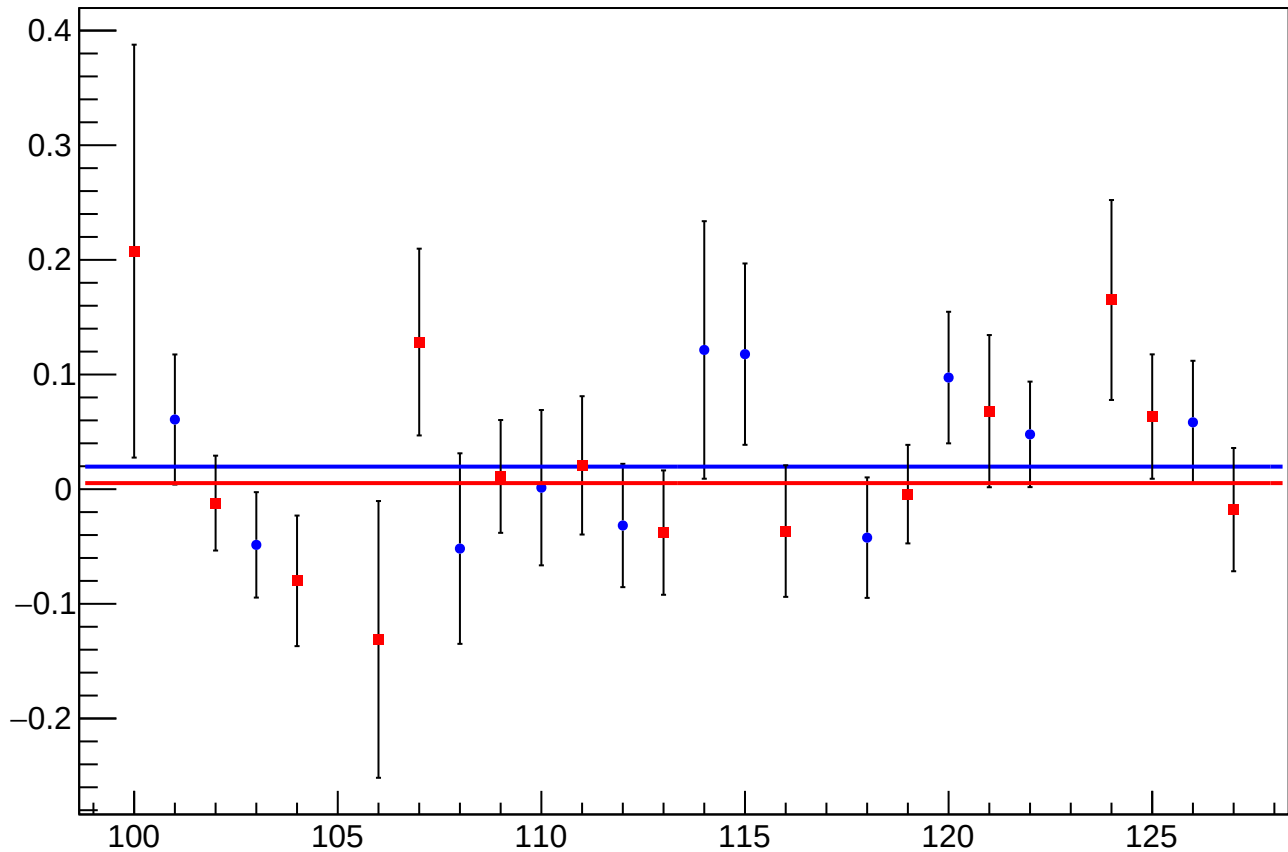
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.719+/-0.008 χ^2/NDF : 349345.7/24

- 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: 0.020 $\pm$ 0.018 χ^2 /NDF: 10.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.005 $\pm$ 0.016 χ^2 /NDF: 14.1/13

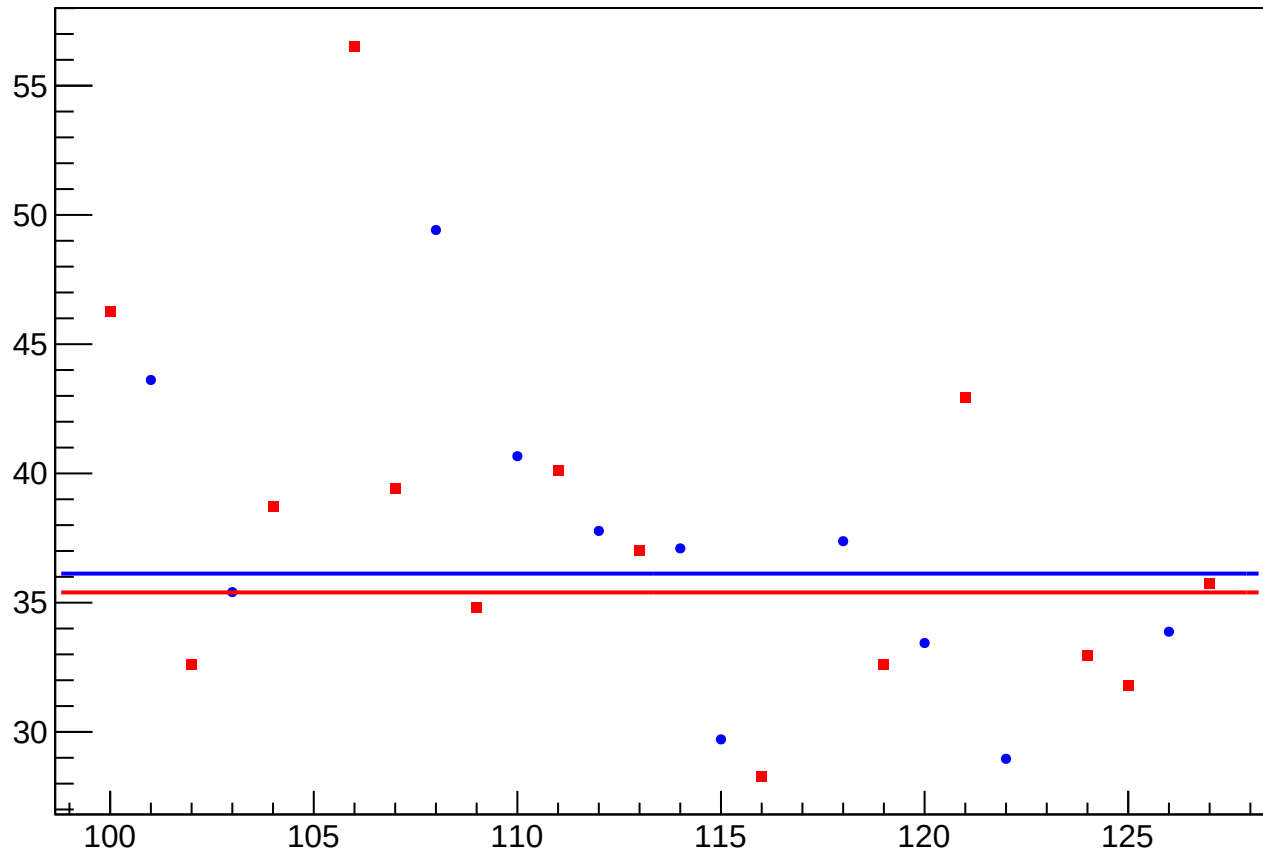
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.012 $\pm$ 0.012 χ^2 /NDF: 25.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 36.125+/-0.012 χ^2/NDF : 168238.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.397+/-0.011 χ^2/NDF : 179206.0/13

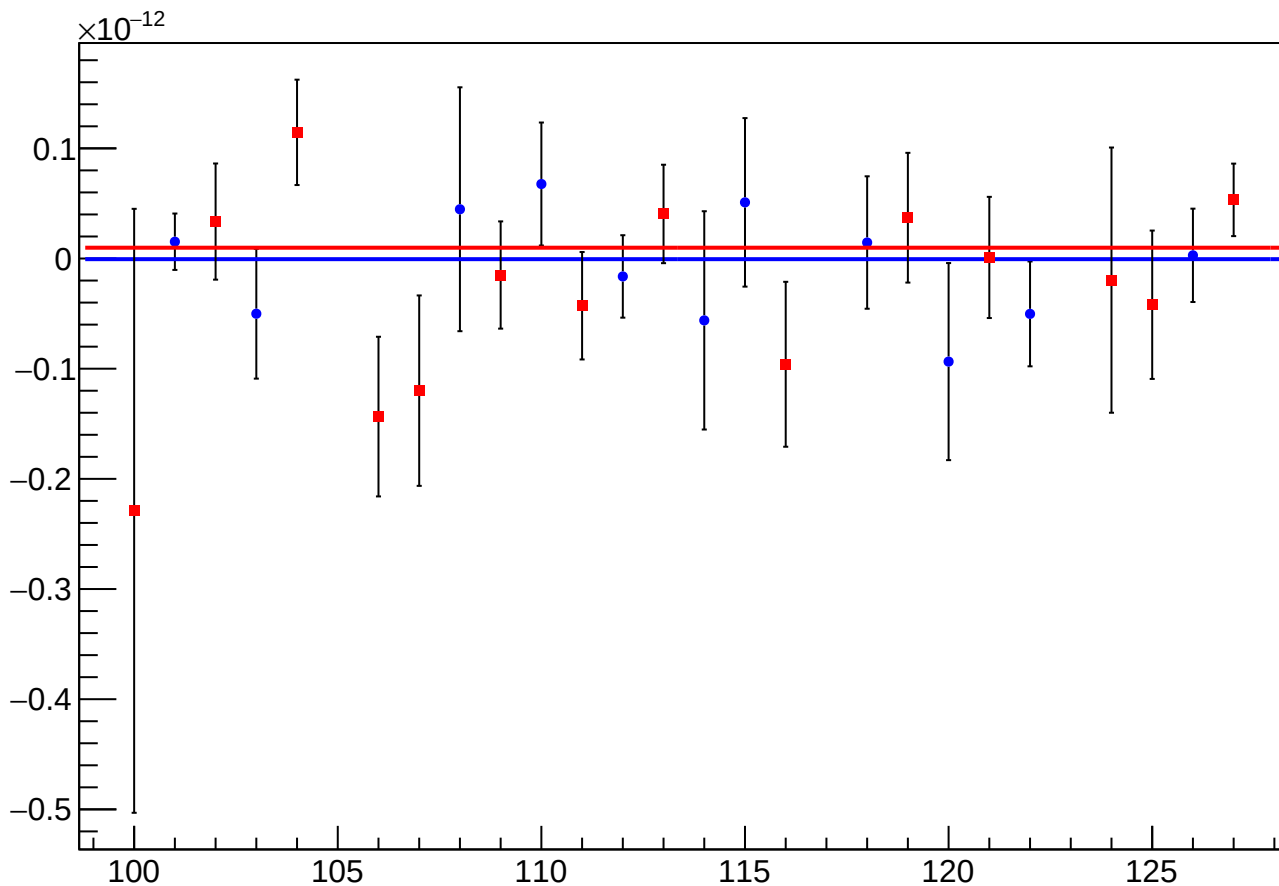
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.719+/-0.008 χ^2/NDF : 349345.7/24

- sign 0.000+/-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: 5.9/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 19.0/13

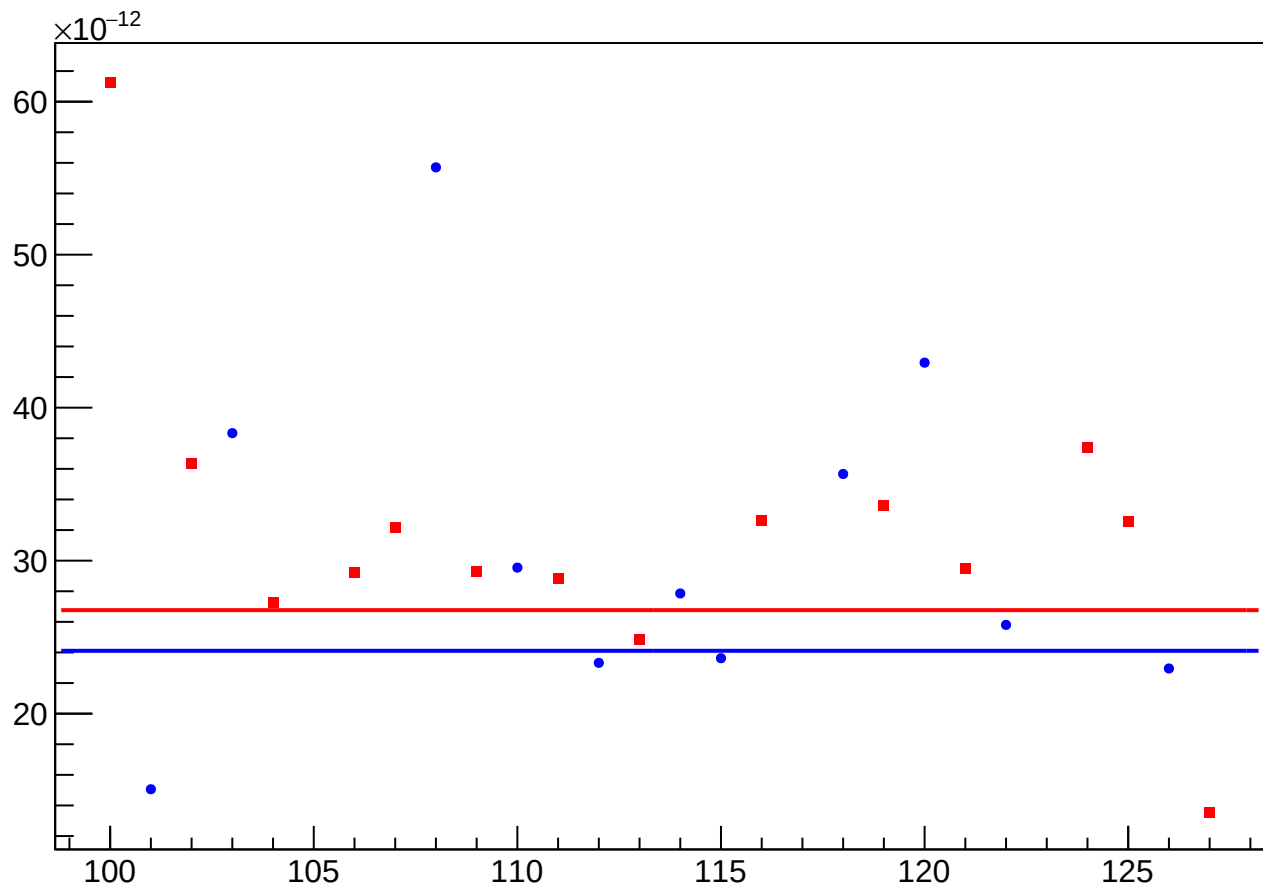
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 25.2/24

- 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 : 719039.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 518389.0/13

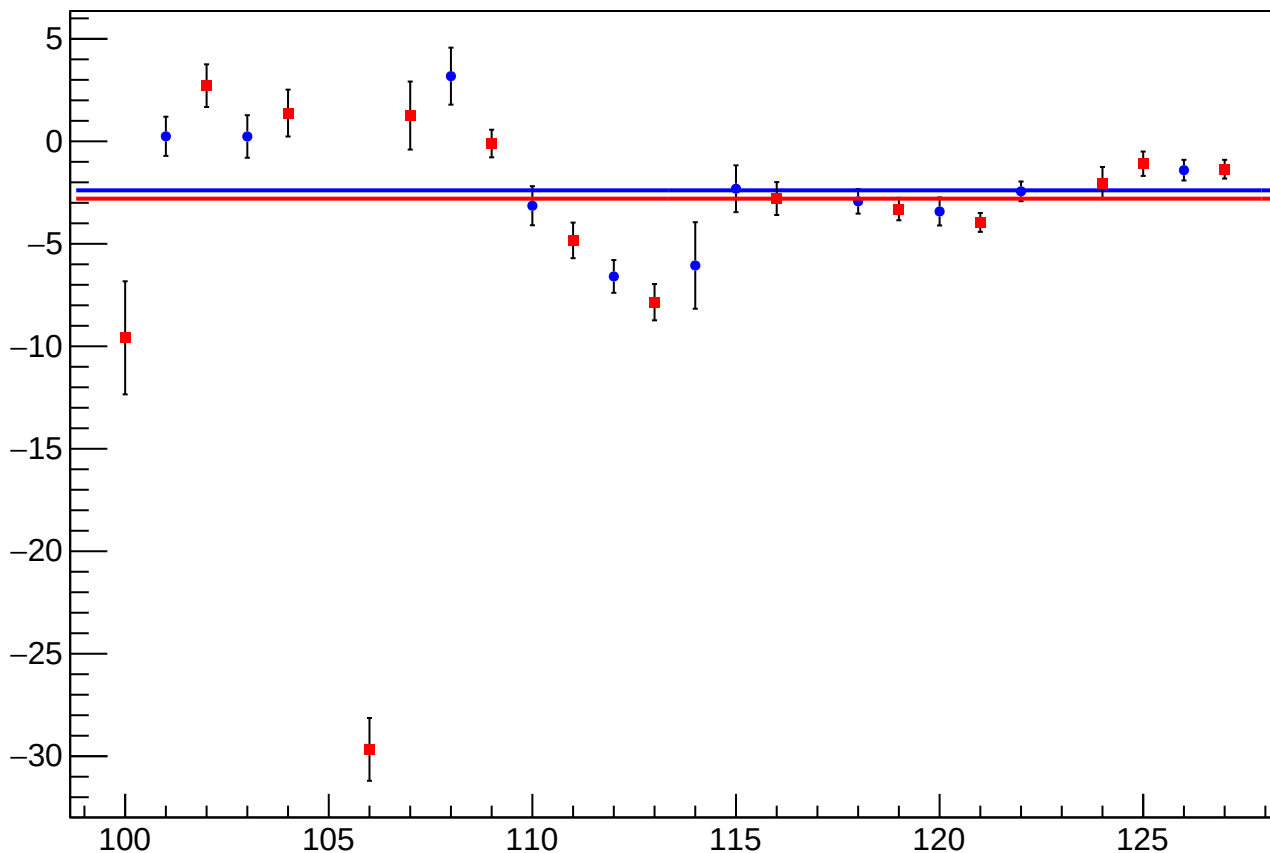
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1269526.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm1X_slope vs Slug



Right In: -2.390 ± 0.227 χ^2/NDF : 68.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.797 ± 0.195 χ^2/NDF : 441.1/13

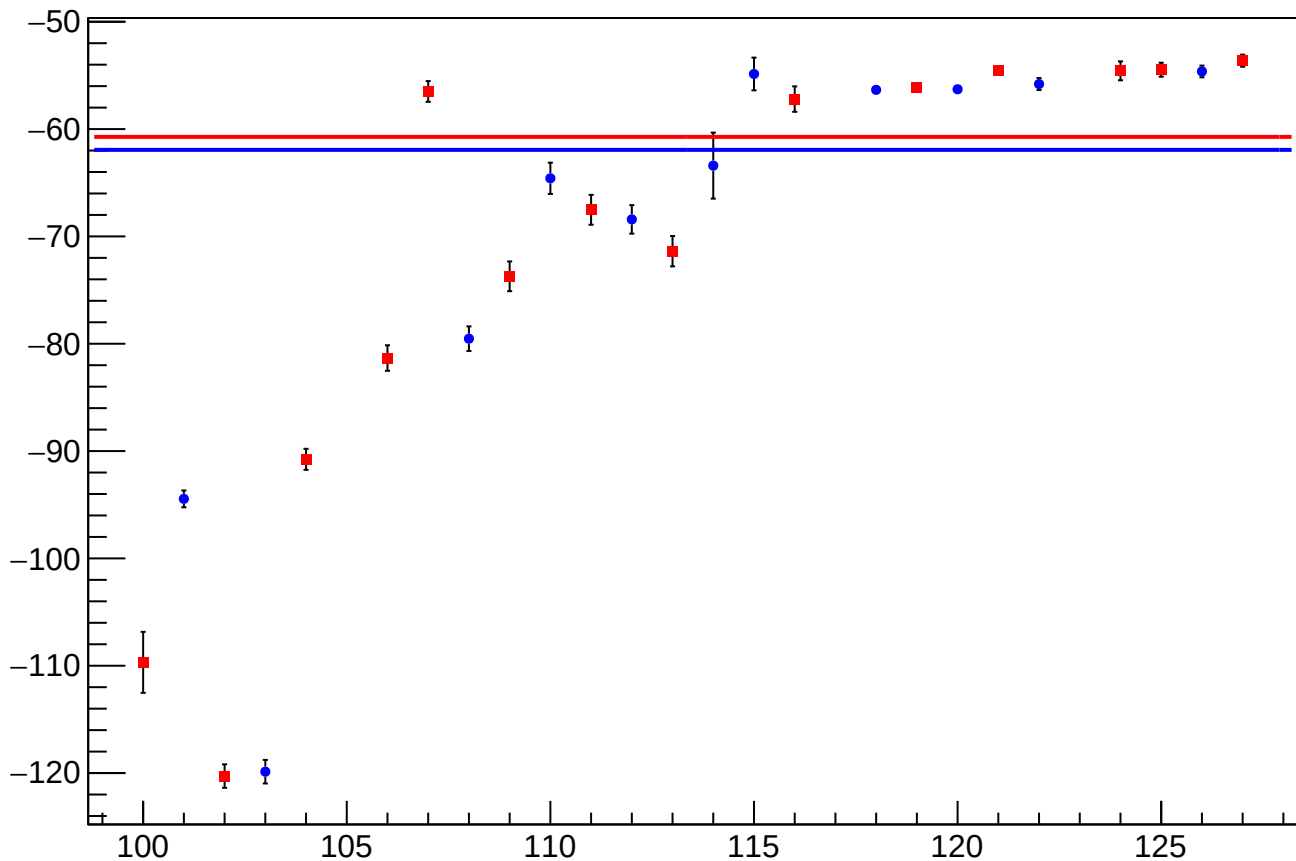
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.624 ± 0.148 χ^2/NDF : 511.1/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -61.936 ± 0.203 χ^2/NDF : 5487.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -60.726 ± 0.198 χ^2/NDF : 5345.2/13

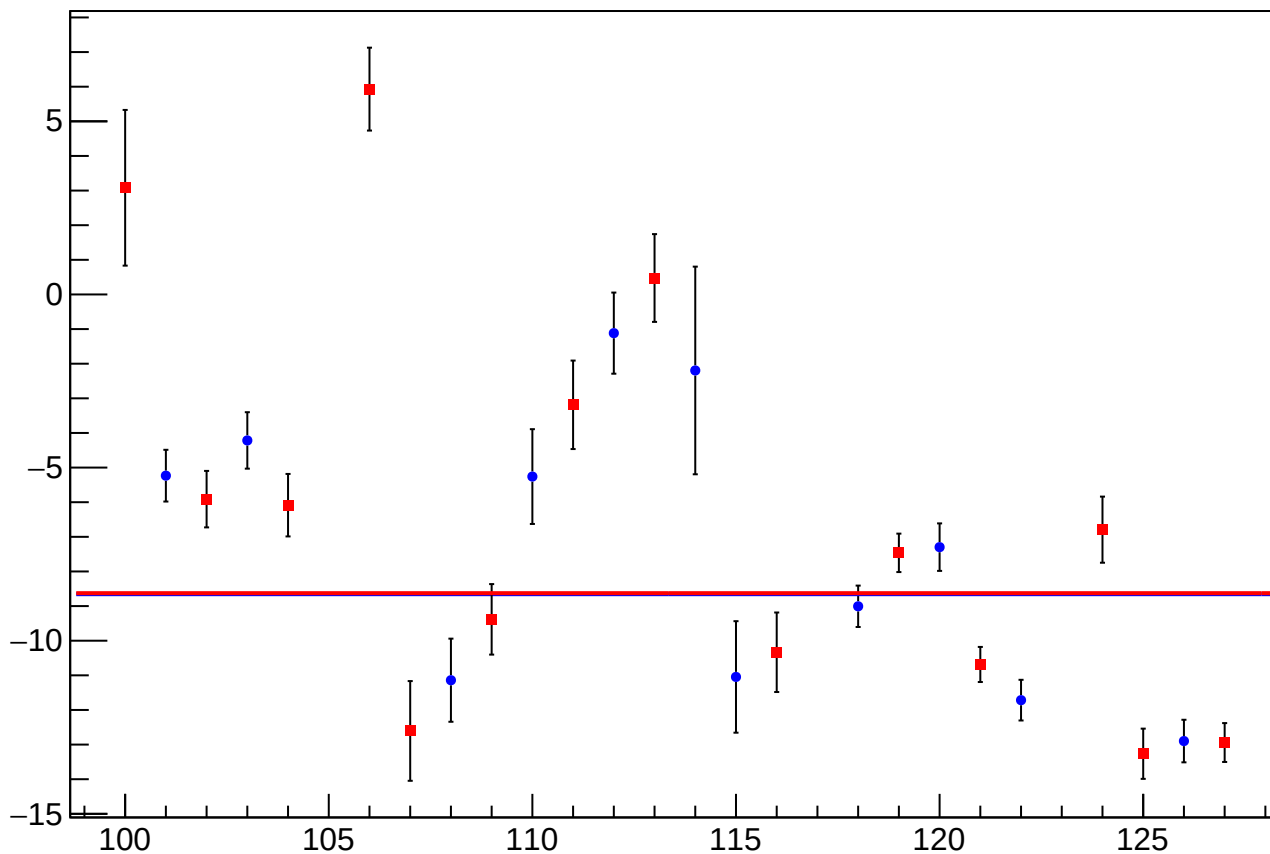
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -61.316 ± 0.142 χ^2/NDF : 10850.8/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: -8.656 $\pm$ 0.248 χ^2 /NDF: 188.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -8.627 $\pm$ 0.222 χ^2 /NDF: 398.7/13

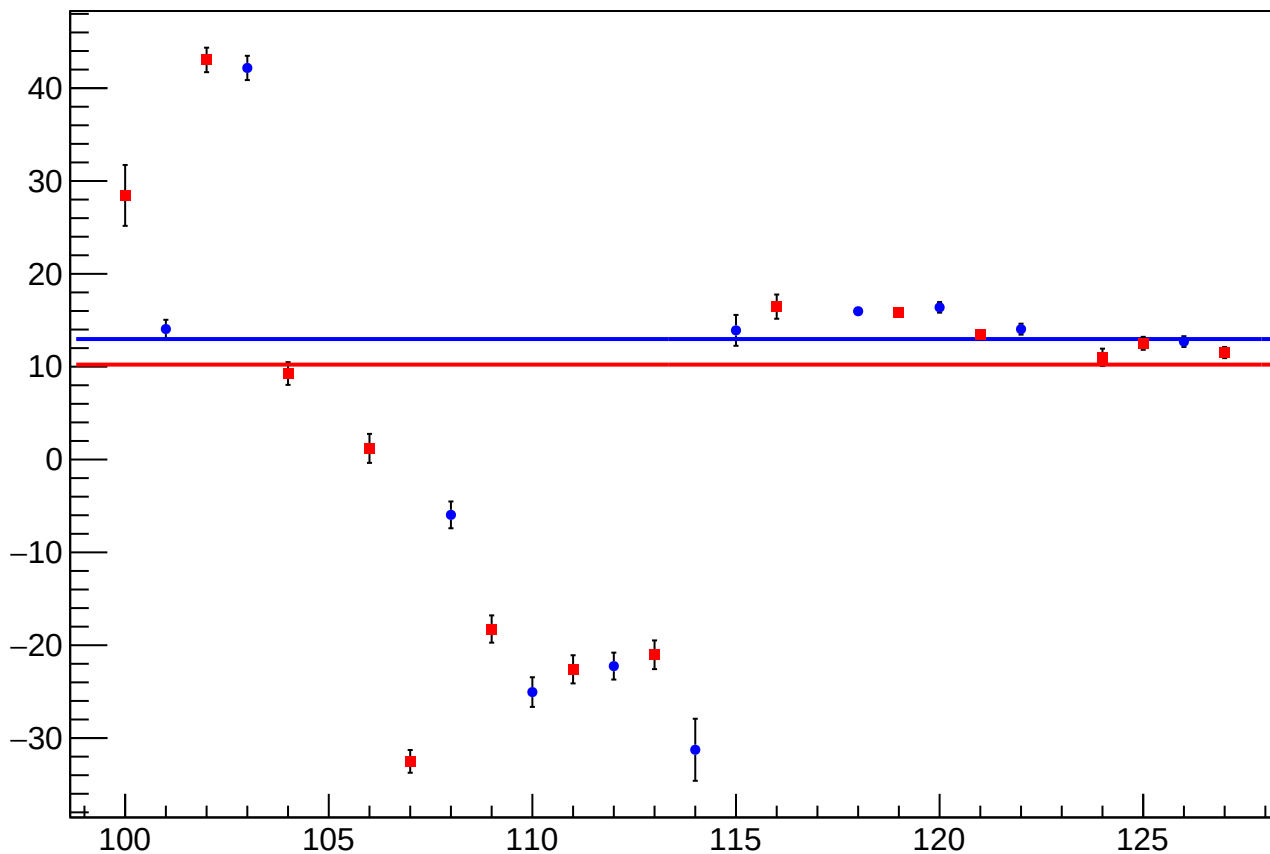
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -8.640 $\pm$ 0.165 χ^2 /NDF: 587.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 12.976 $\pm$ 0.244 χ^2 /NDF: 2084.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.224 $\pm$ 0.229 χ^2 /NDF: 3386.1/13

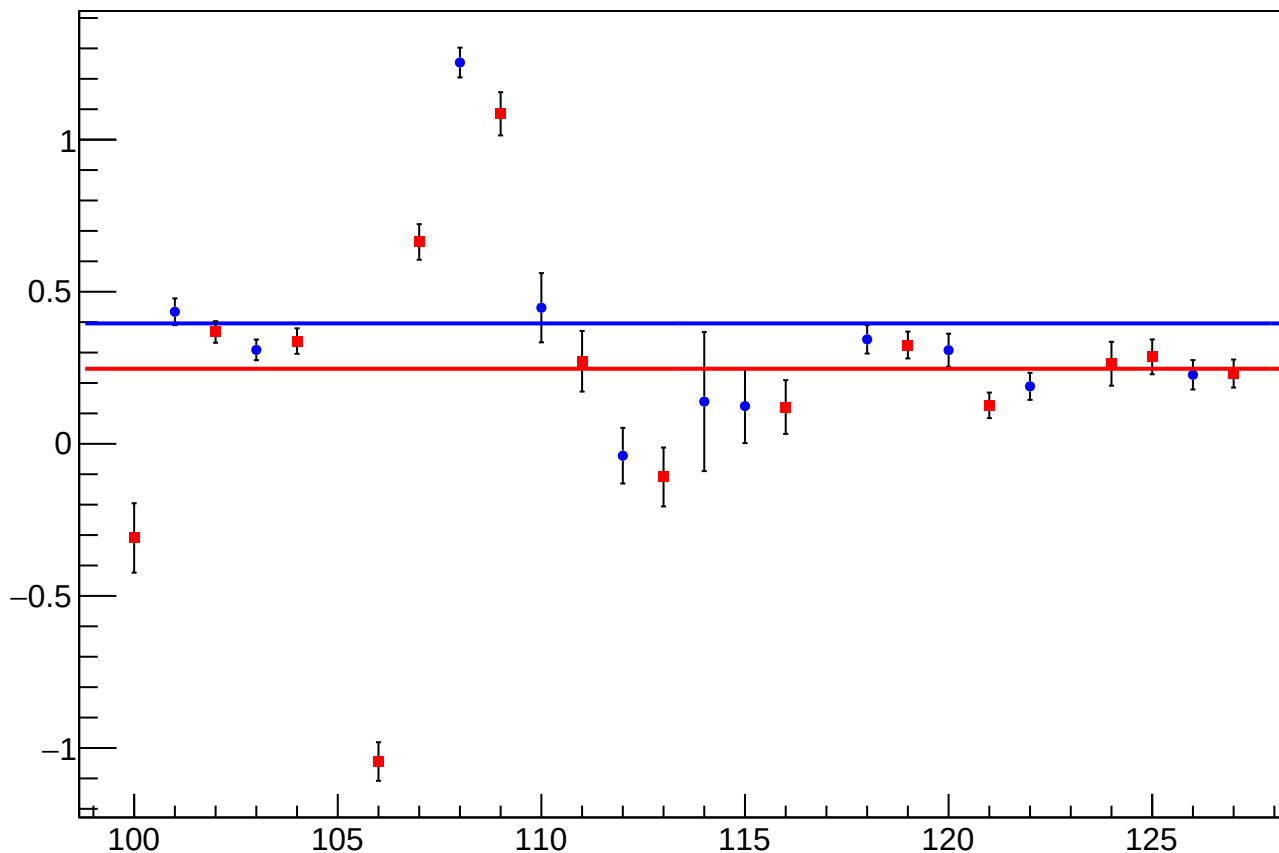
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.516 $\pm$ 0.167 χ^2 /NDF: 5538.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.396 $\pm$ 0.016 χ^2 /NDF: 381.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.247 $\pm$ 0.015 χ^2 /NDF: 672.9/13

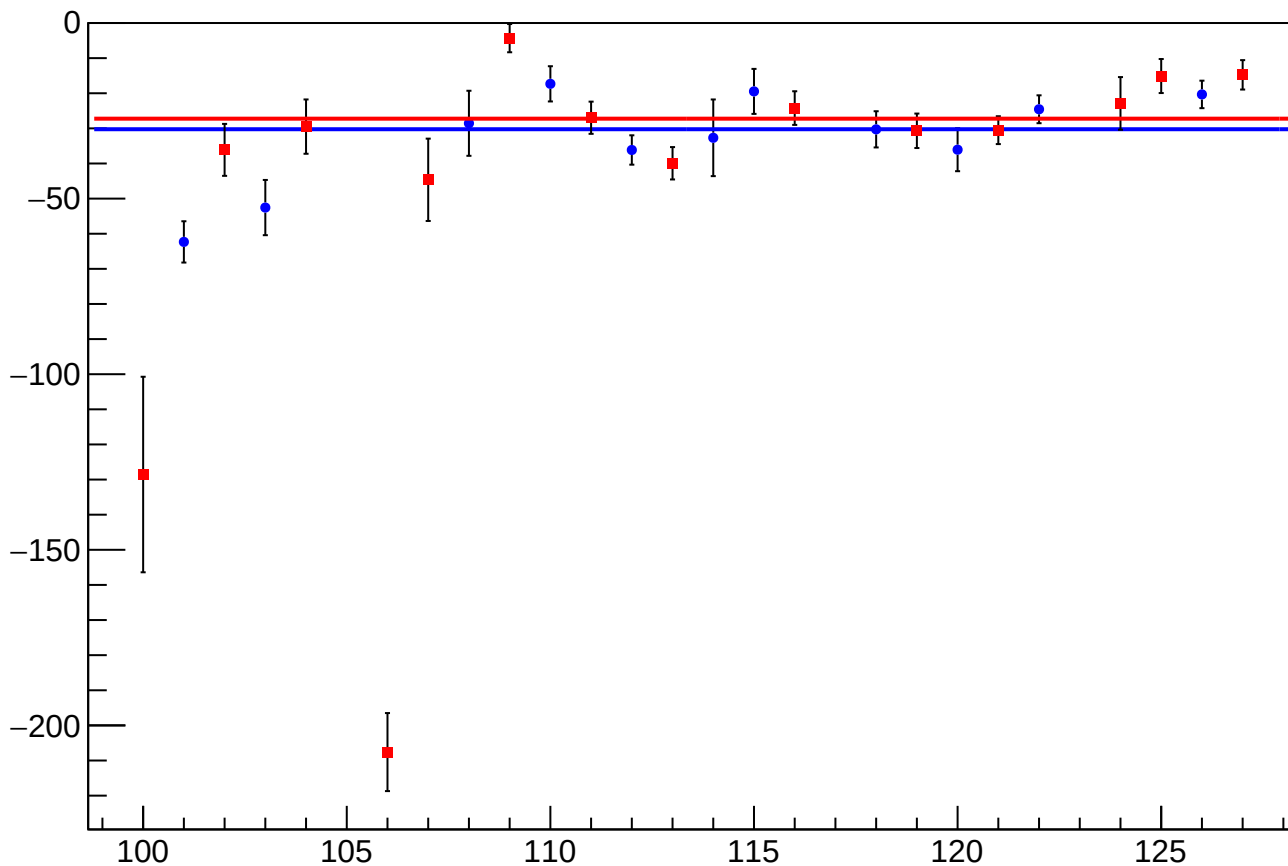
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.315 $\pm$ 0.011 χ^2 /NDF: 1100.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam2_diff_bpm1X_slope vs Slug



Right In: -30.244 $\pm$ 1.623 χ^2 /NDF: 58.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -27.236 $\pm$ 1.452 χ^2 /NDF: 337.6/13

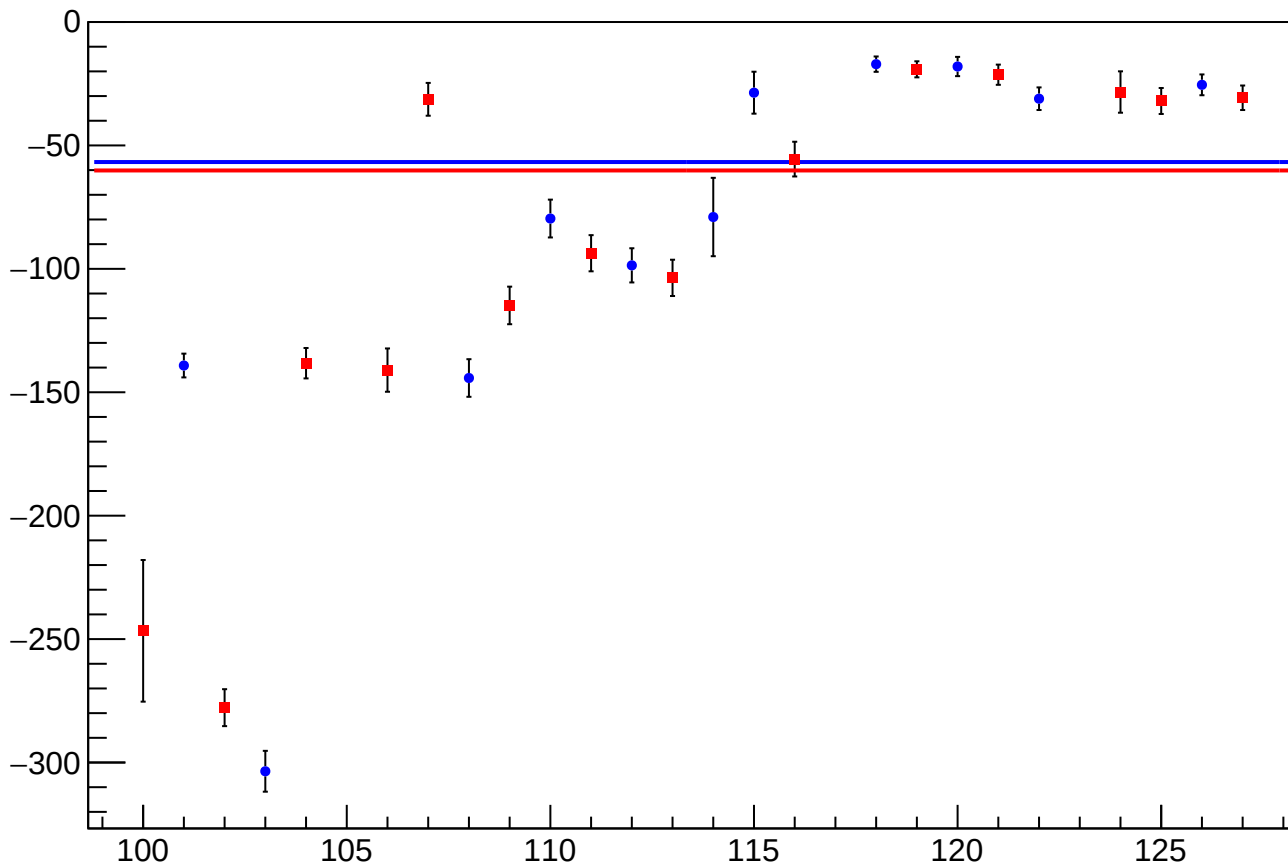
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -28.573 $\pm$ 1.082 χ^2 /NDF: 398.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -56.729 $\pm$ 1.574 χ^2 /NDF: 1720.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -60.140 $\pm$ 1.580 χ^2 /NDF: 1586.9/13

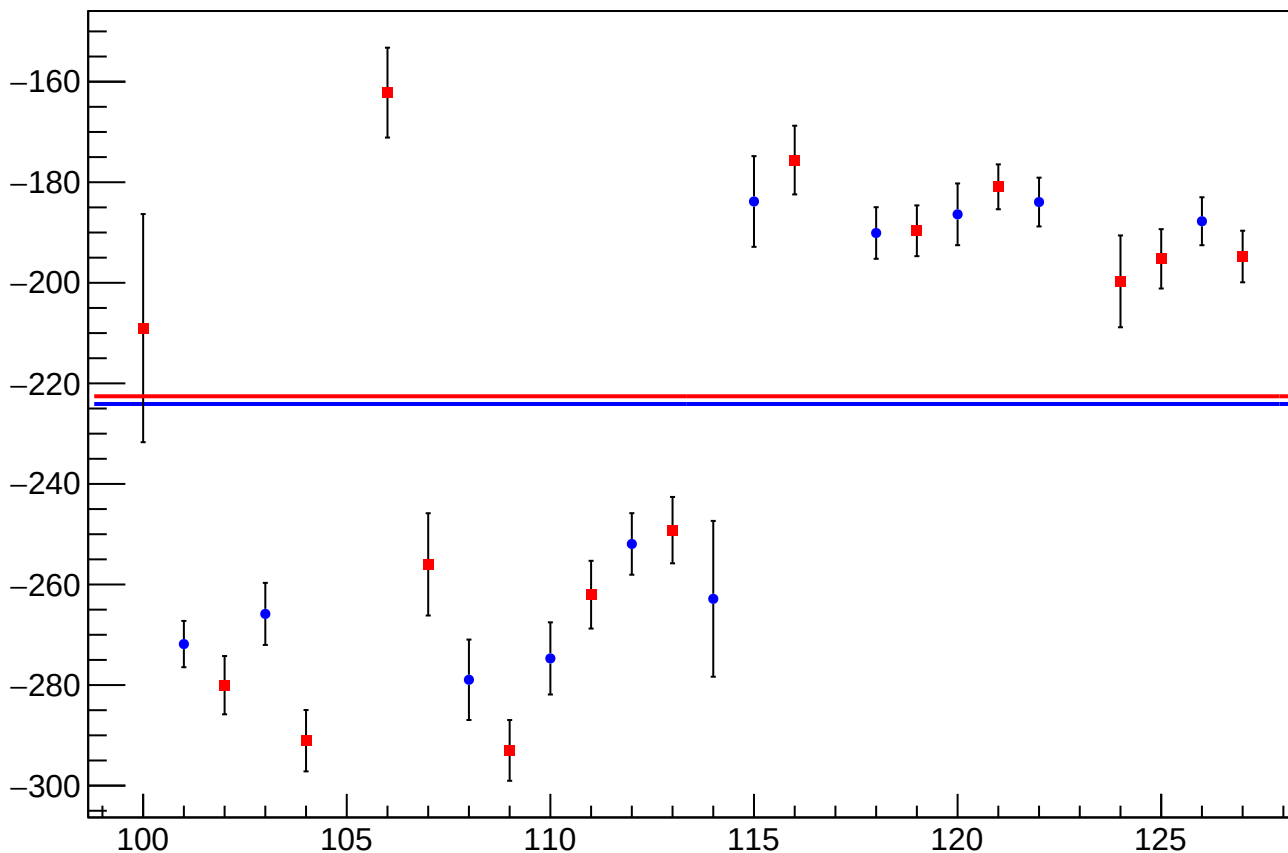
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -58.428 $\pm$ 1.115 χ^2 /NDF: 3309.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -224.100+/-1.818 χ^2/NDF : 505.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -222.568+/-1.708 χ^2/NDF : 701.7/13

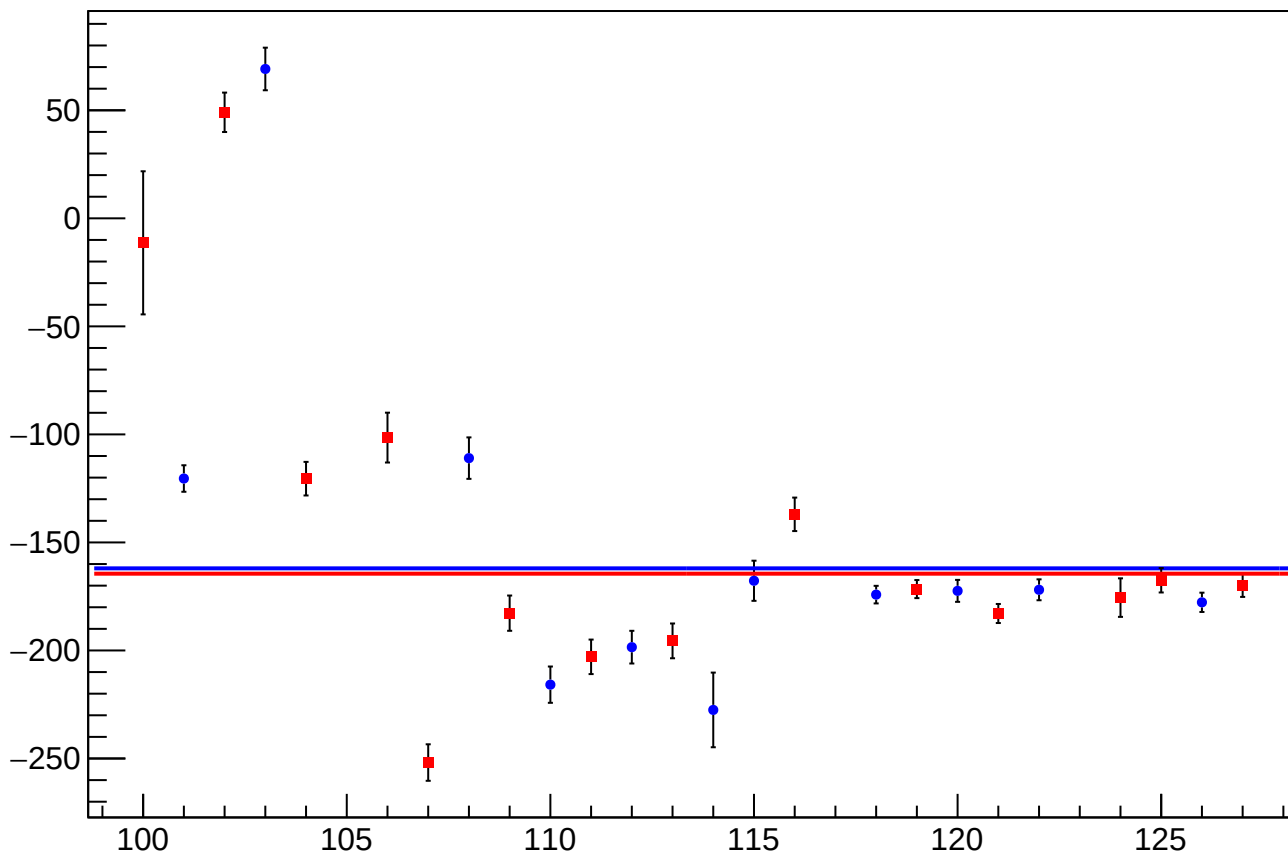
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -223.287+/-1.245 χ^2/NDF : 1207.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -162.001 ± 1.869 χ^2/NDF : 732.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -164.464 ± 1.820 χ^2/NDF : 817.3/13

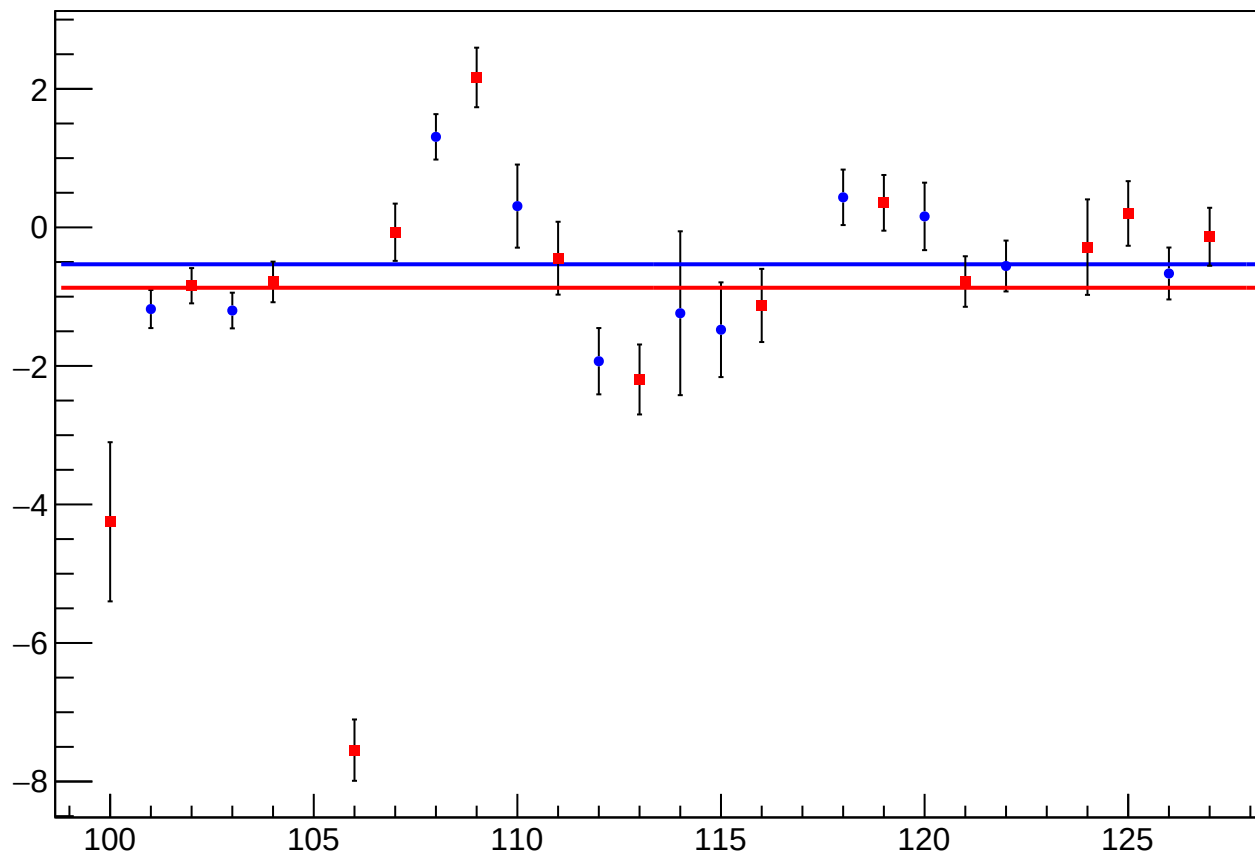
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -163.265 ± 1.304 χ^2/NDF : 1551.0/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: -0.533 ± 0.117 χ^2/NDF : 64.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.872 ± 0.111 χ^2/NDF : 316.0/13

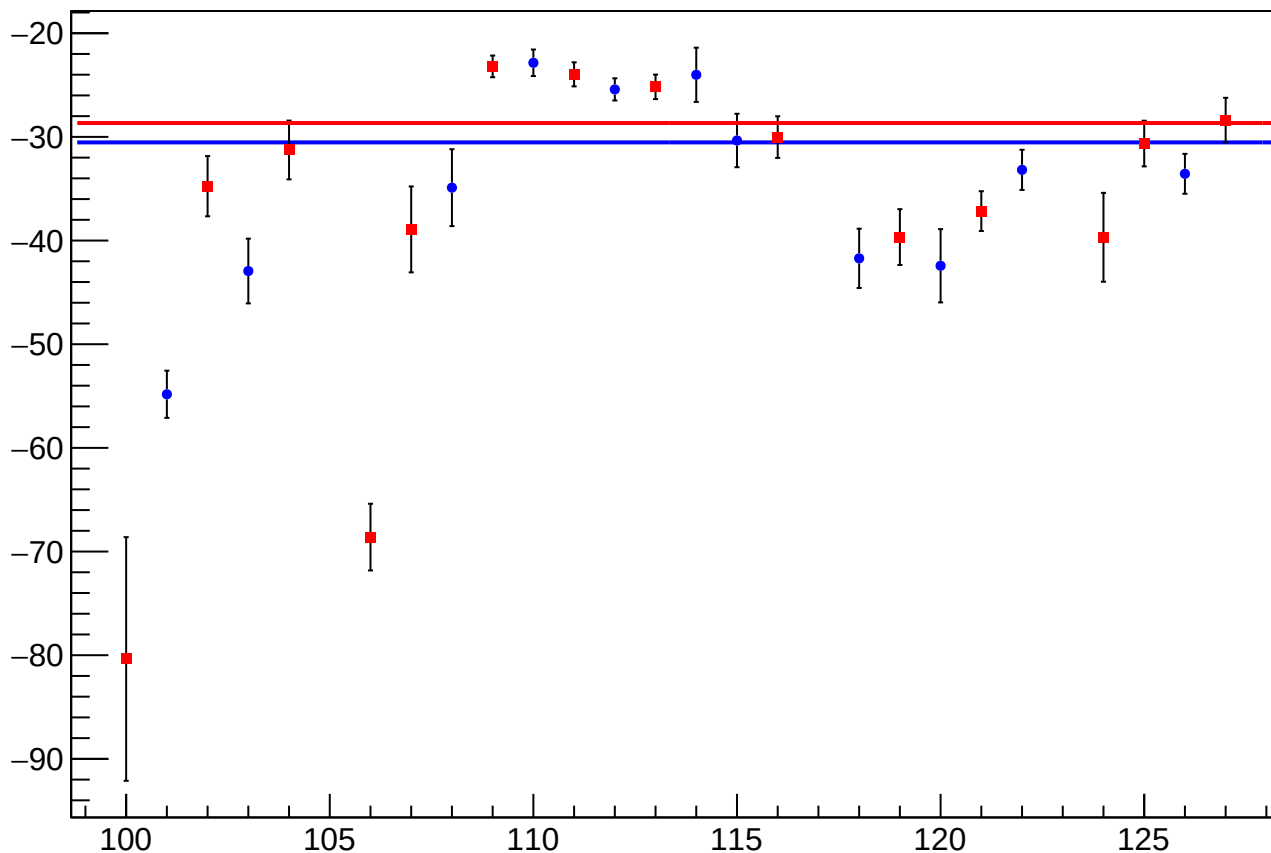
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.712 ± 0.081 χ^2/NDF : 384.9/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_diff_bpm1X_slope vs Slug



Right In: -30.532 ± 0.589 χ^2/NDF : 227.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -28.661 ± 0.506 χ^2/NDF : 281.3/13

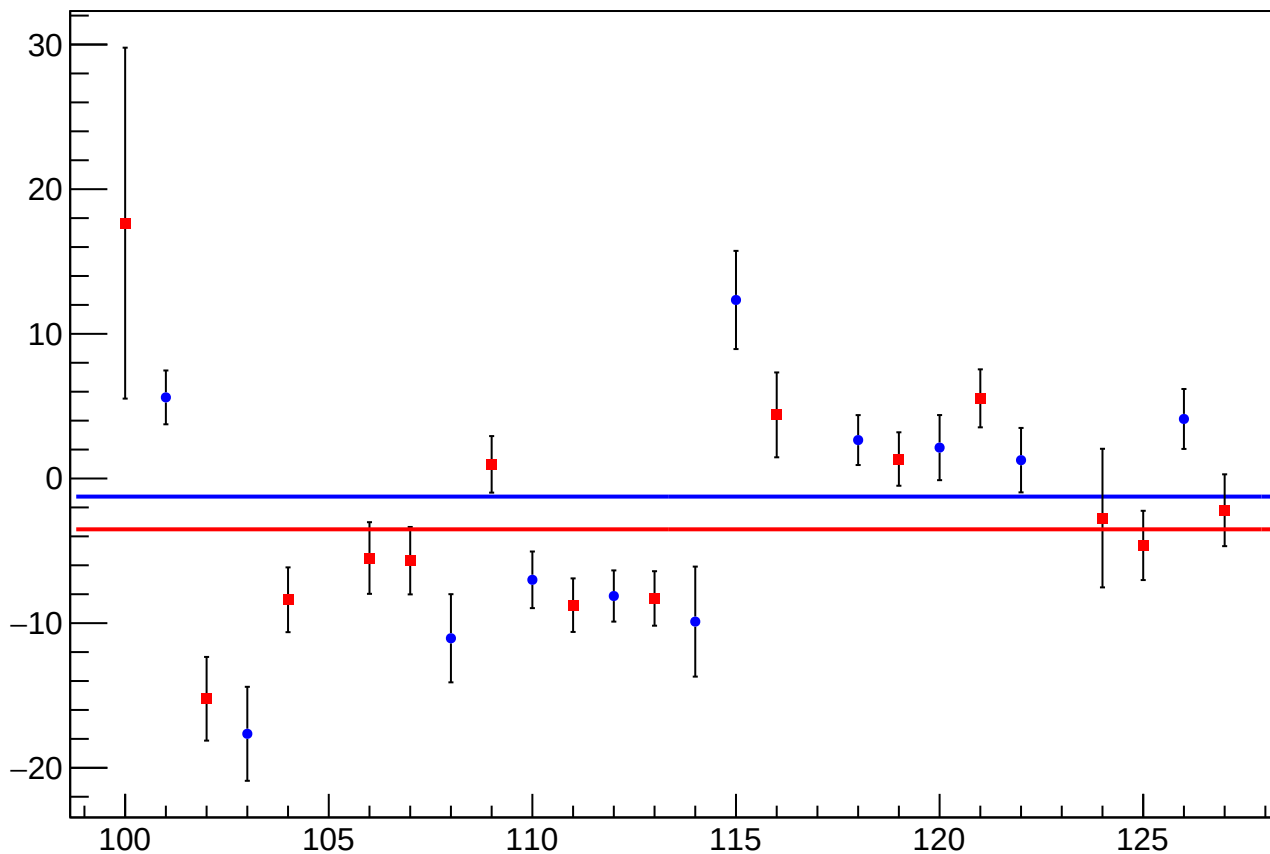
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -29.455 ± 0.384 χ^2/NDF : 514.0/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -1.251+/-0.675 χ^2/NDF : 109.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.514+/-0.627 χ^2/NDF : 80.5/13

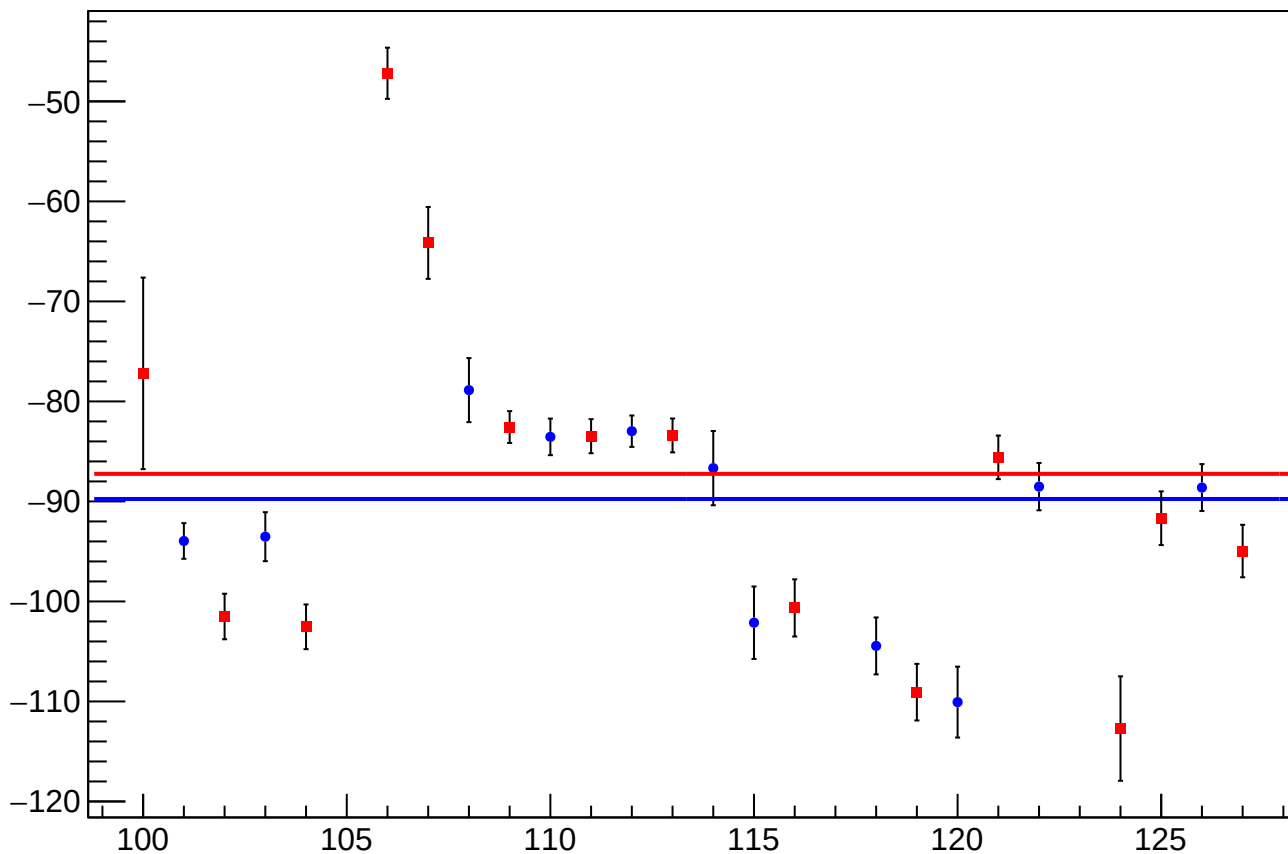
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.466+/-0.459 χ^2/NDF : 196.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -89.756 $\pm$ 0.708 χ^2 /NDF: 122.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -87.243 $\pm$ 0.632 χ^2 /NDF: 509.4/13

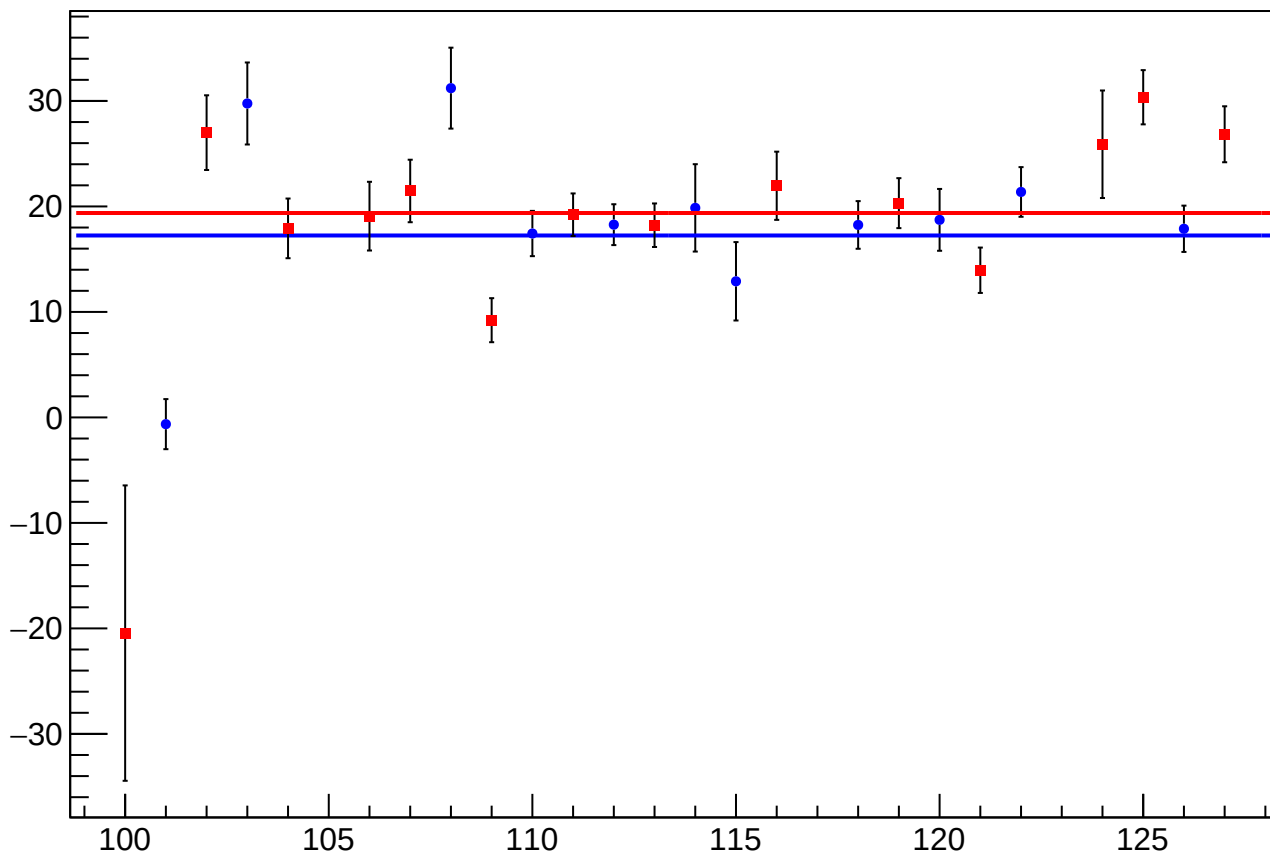
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -88.359 $\pm$ 0.472 χ^2 /NDF: 638.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 17.246 $\pm$ 0.784 χ^2 /NDF: 86.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 19.378 $\pm$ 0.716 χ^2 /NDF: 72.5/13

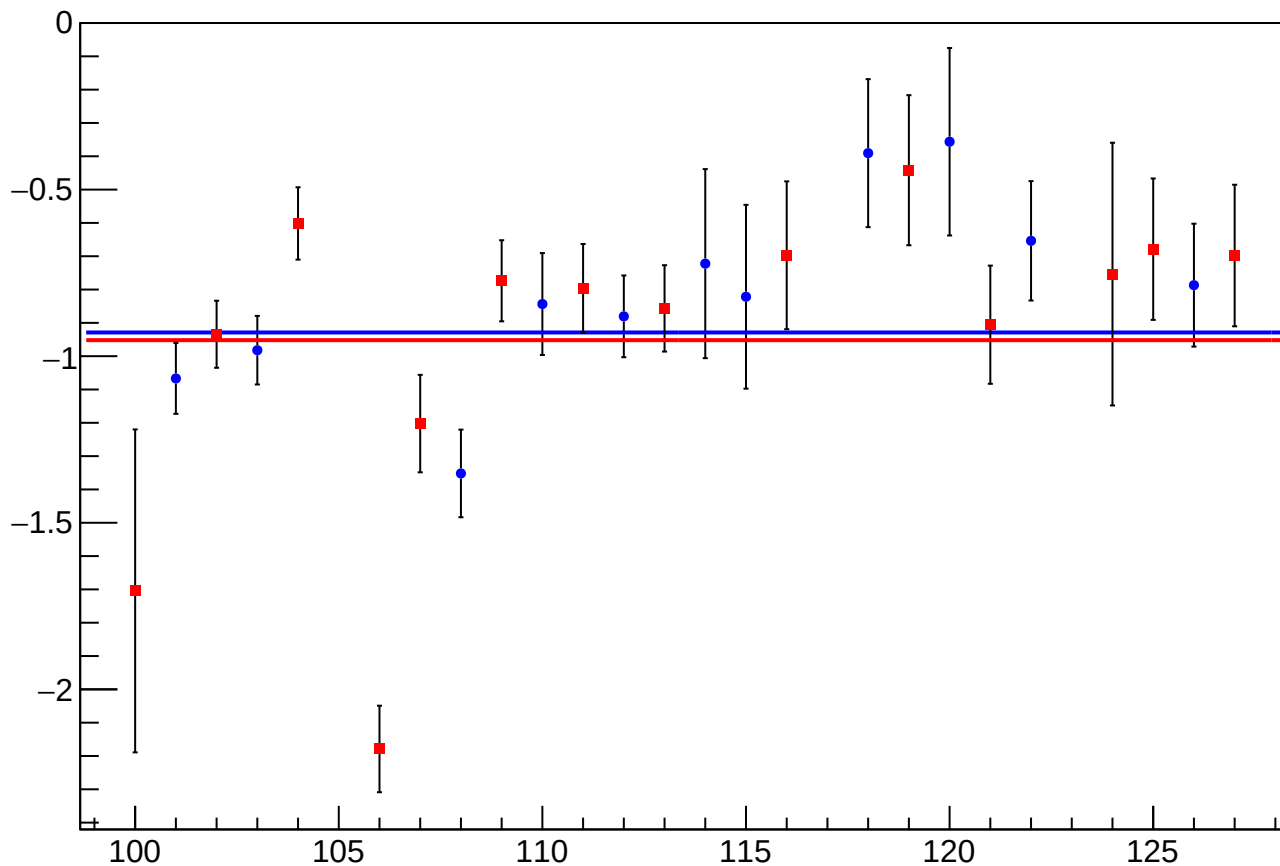
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.408 $\pm$ 0.529 χ^2 /NDF: 162.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.929 ± 0.046 χ^2/NDF : 26.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.952 ± 0.041 χ^2/NDF : 118.9/13

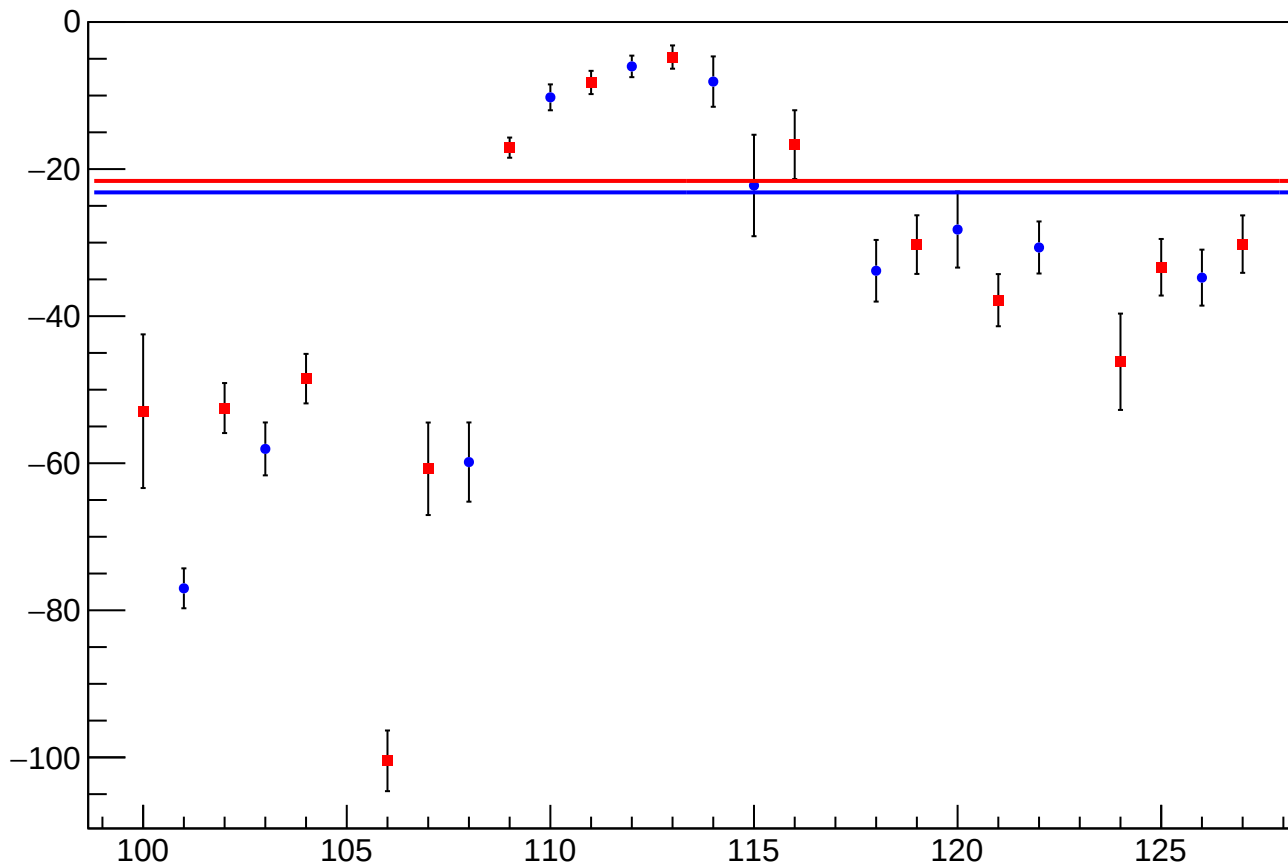
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.942 ± 0.031 χ^2/NDF : 145.5/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm1X_slope vs Slug



Right In: -23.169 ± 0.849 χ^2/NDF : 765.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -21.611 ± 0.717 χ^2/NDF : 810.3/13

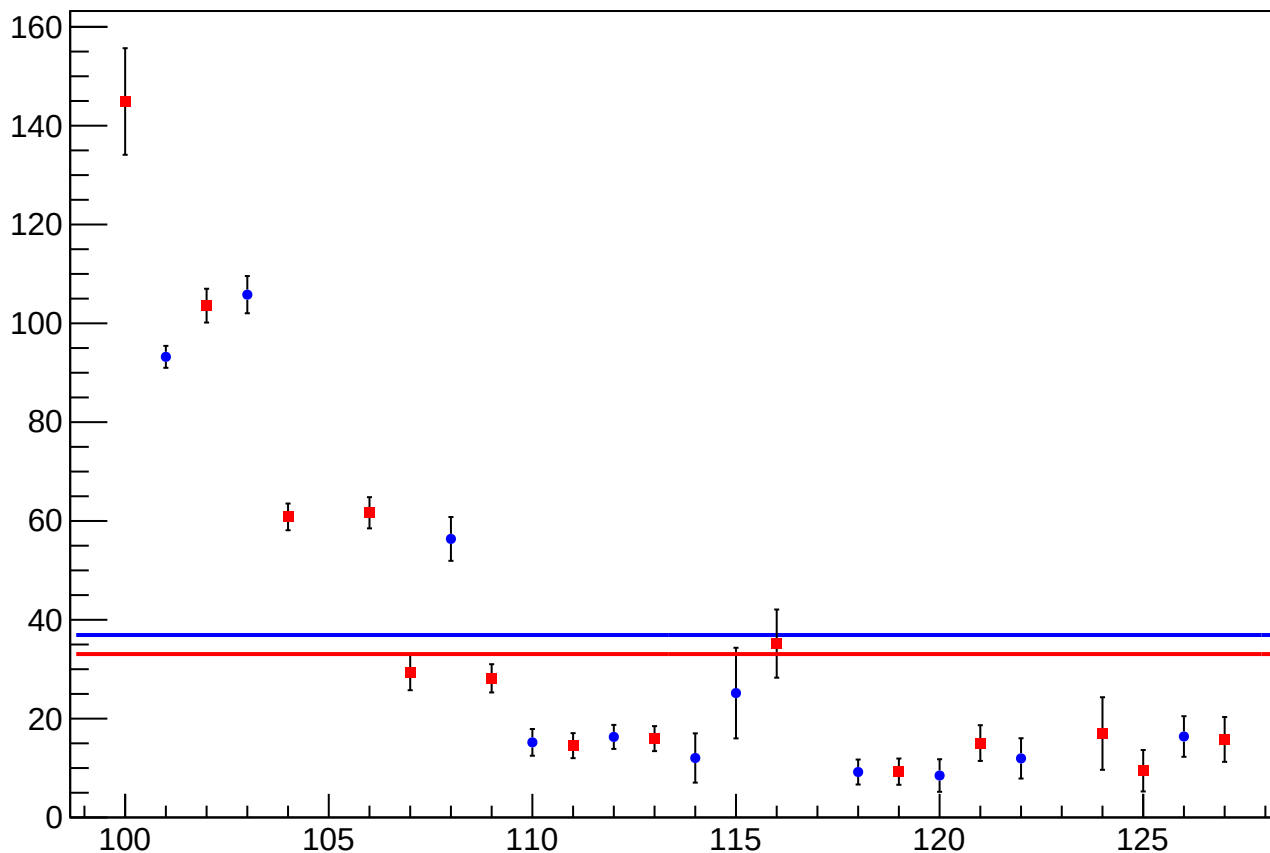
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -22.260 ± 0.548 χ^2/NDF : 1577.7/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 36.923+/-0.976 χ^2/NDF : 1417.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.066+/-0.910 χ^2/NDF : 979.5/13

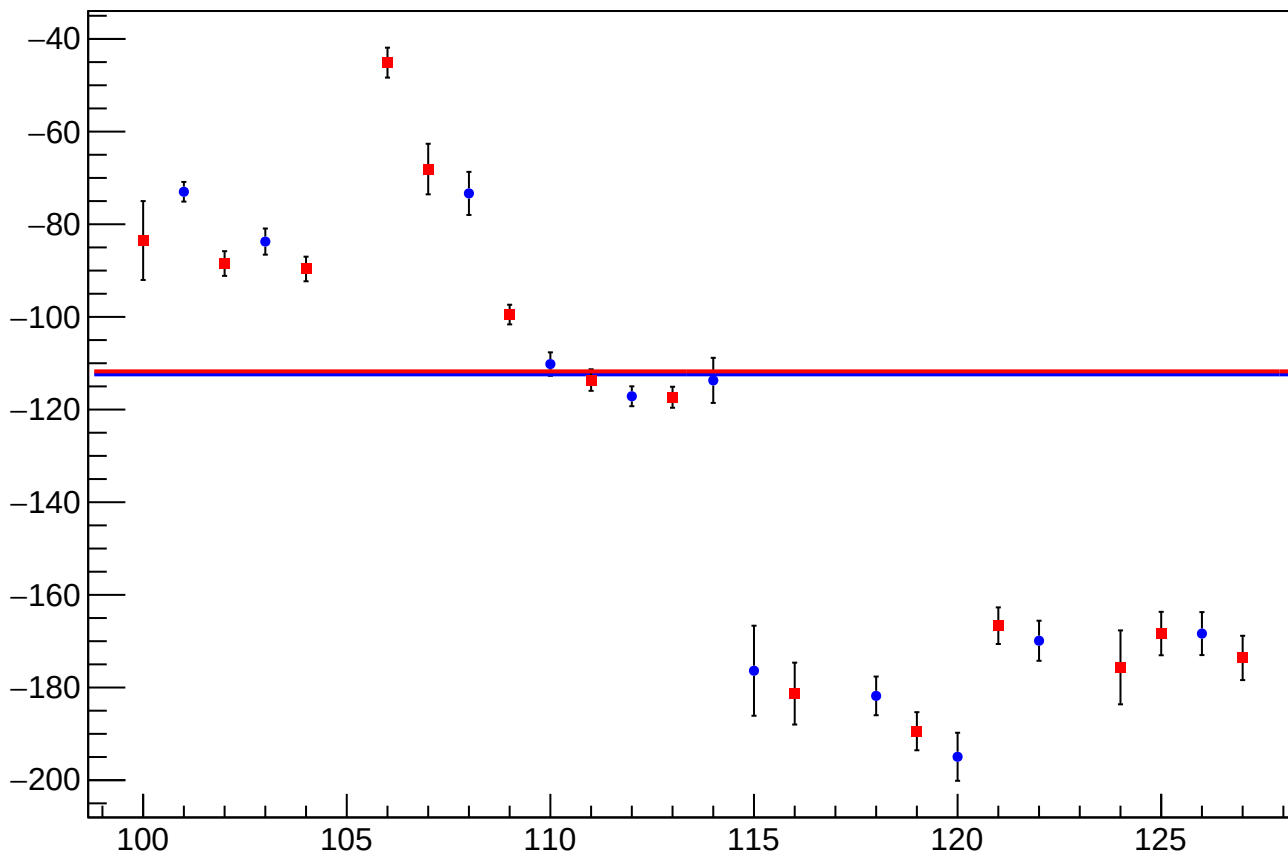
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.859+/-0.665 χ^2/NDF : 2405.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -112.398+/-0.993 χ^2/NDF : 1419.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -111.754+/-0.884 χ^2/NDF : 1722.2/13

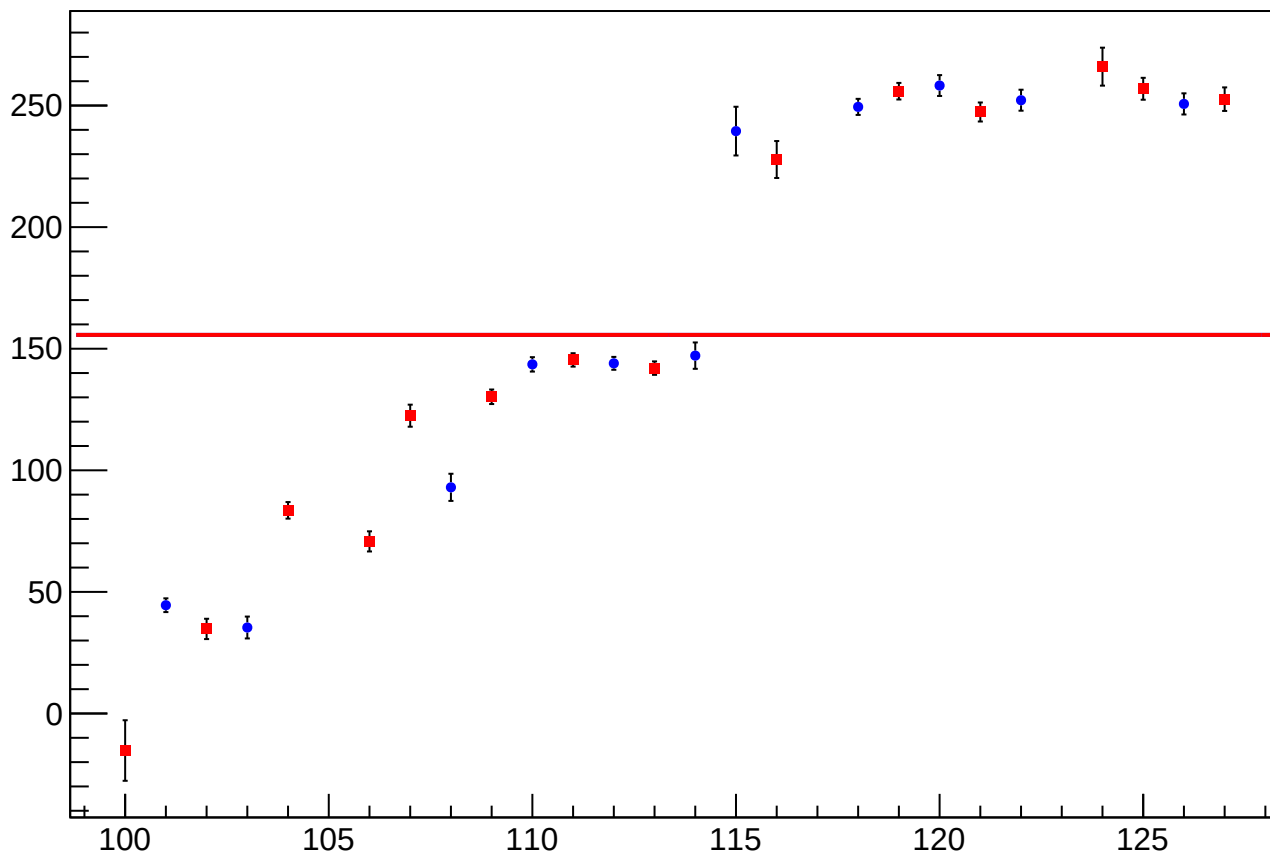
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -112.039+/-0.660 χ^2/NDF : 3142.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 155.682 $\pm$ 1.148 χ^2 /NDF: 4848.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 155.684 $\pm$ 1.049 χ^2 /NDF: 4667.6/13

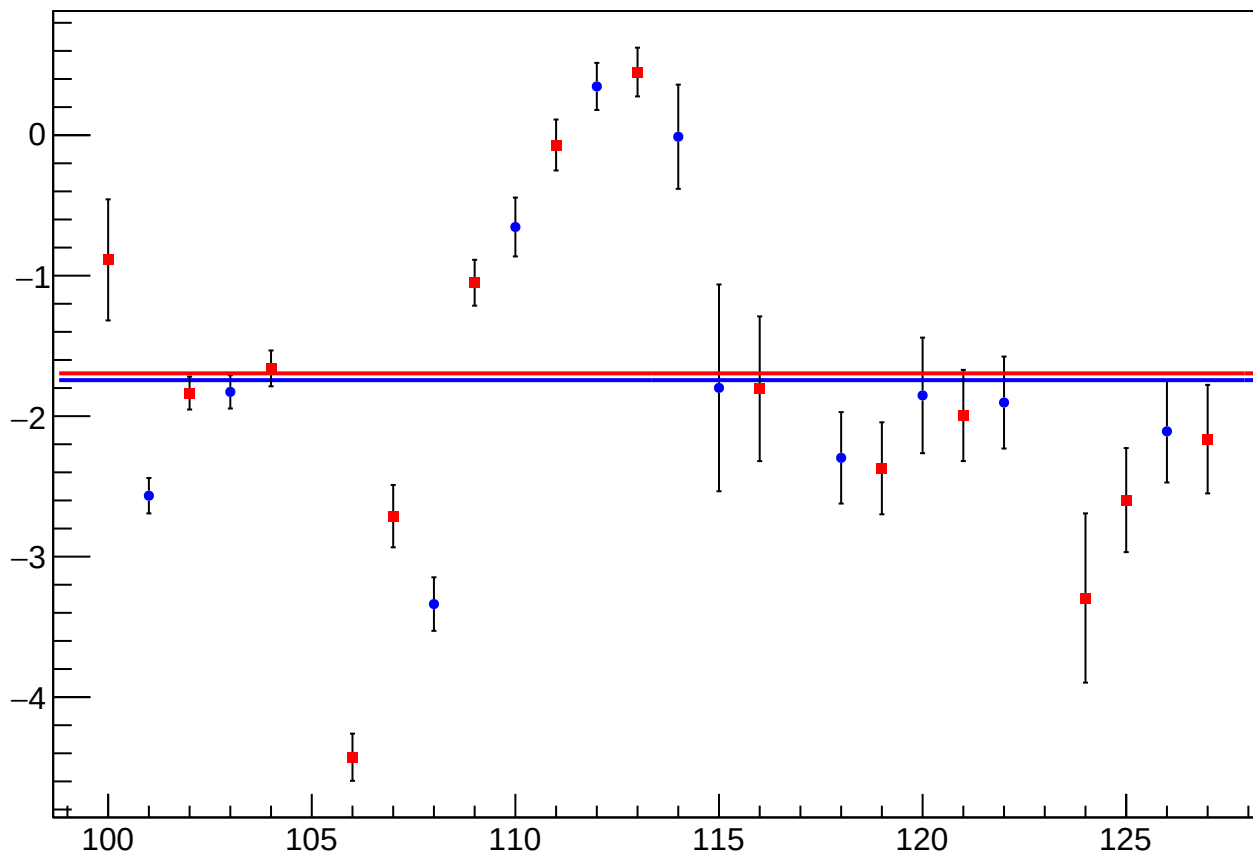
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 155.683 $\pm$ 0.774 χ^2 /NDF: 9516.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.744 ± 0.062 χ^2/NDF : 321.6/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.695 ± 0.055 χ^2/NDF : 559.1/13

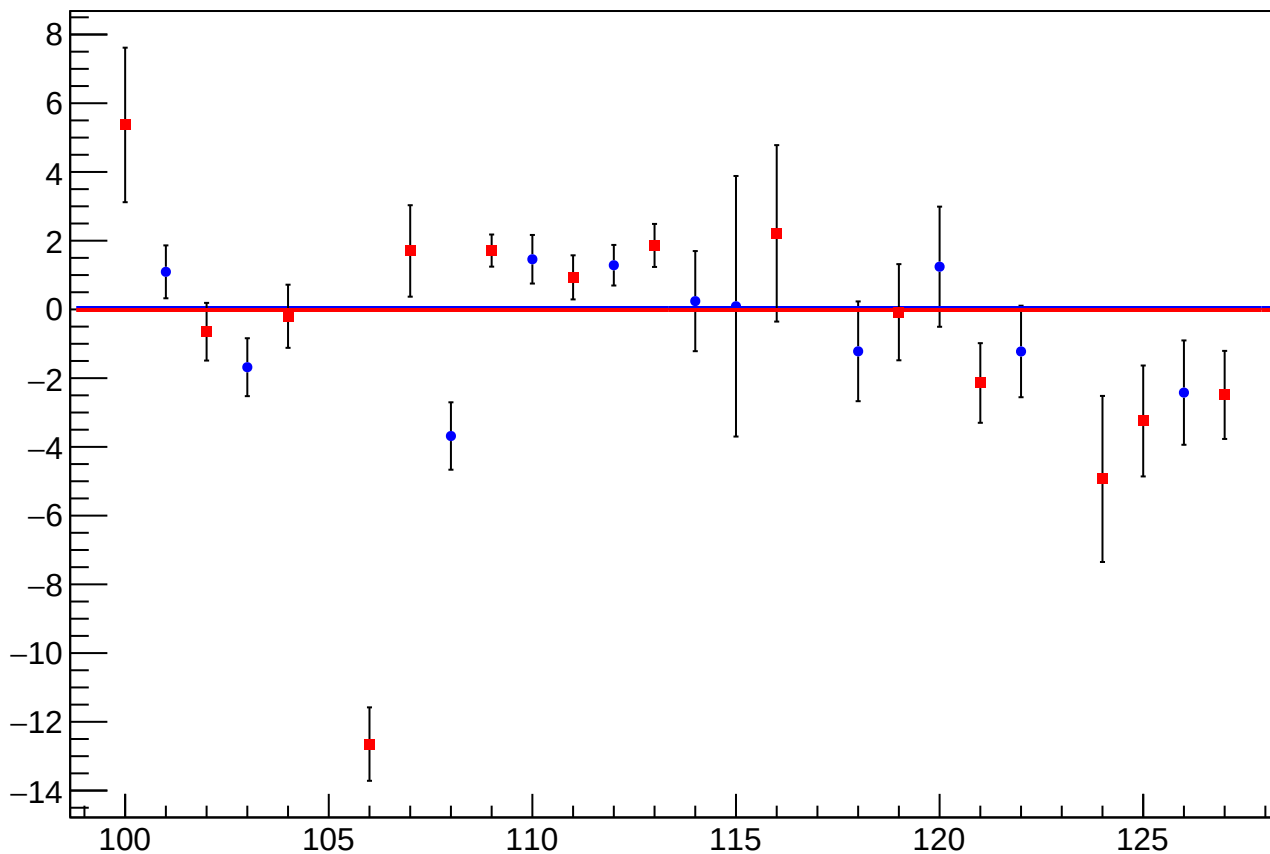
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.717 ± 0.041 χ^2/NDF : 881.0/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_diff_bpm1X_slope vs Slug



Right In: 0.041+/-0.297 χ^2/NDF : 33.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.017+/-0.247 χ^2/NDF : 188.6/13

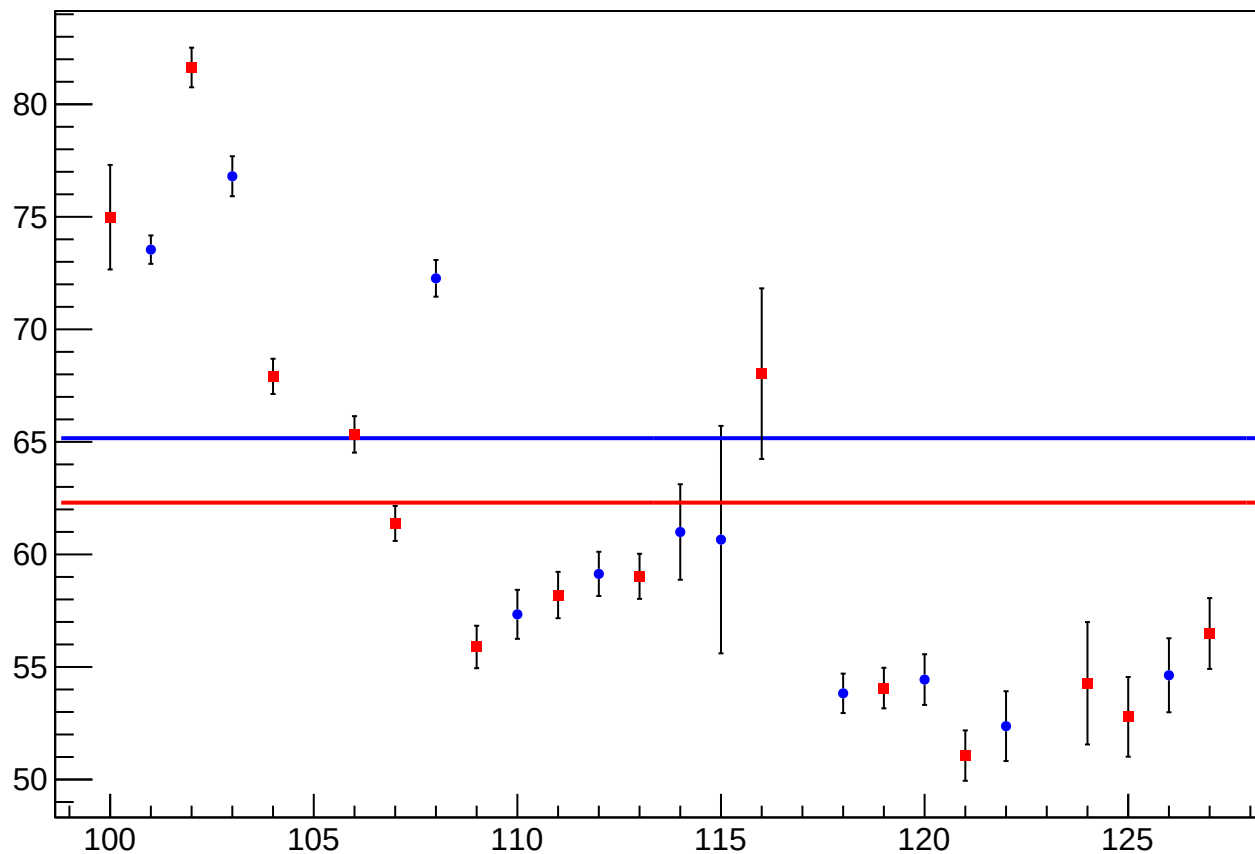
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.190 χ^2/NDF : 222.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 65.165 $\pm$ 0.312 χ^2 /NDF: 884.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 62.301 $\pm$ 0.285 χ^2 /NDF: 889.8/13

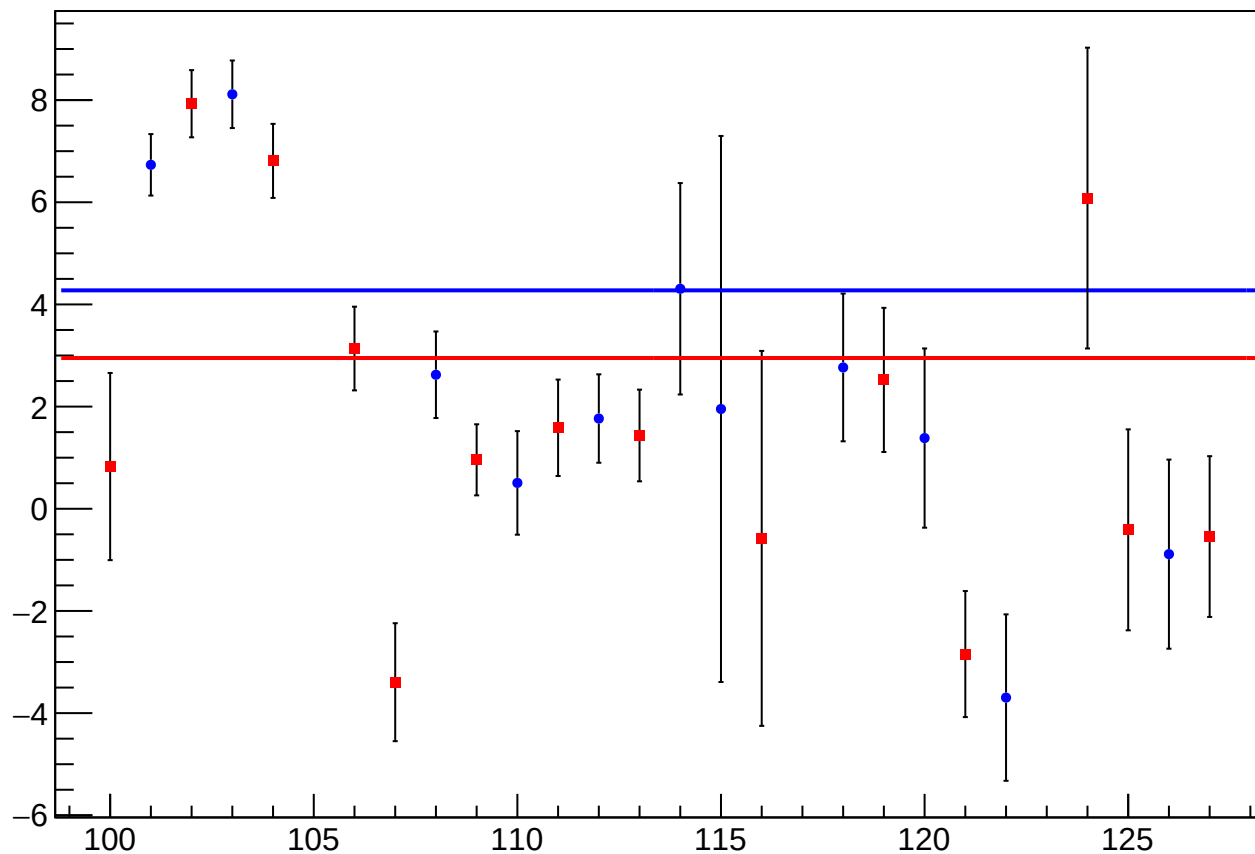
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 63.606 $\pm$ 0.210 χ^2 /NDF: 1820.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 4.275 $\pm$ 0.309 χ^2 /NDF: 112.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.951 $\pm$ 0.275 χ^2 /NDF: 162.5/13

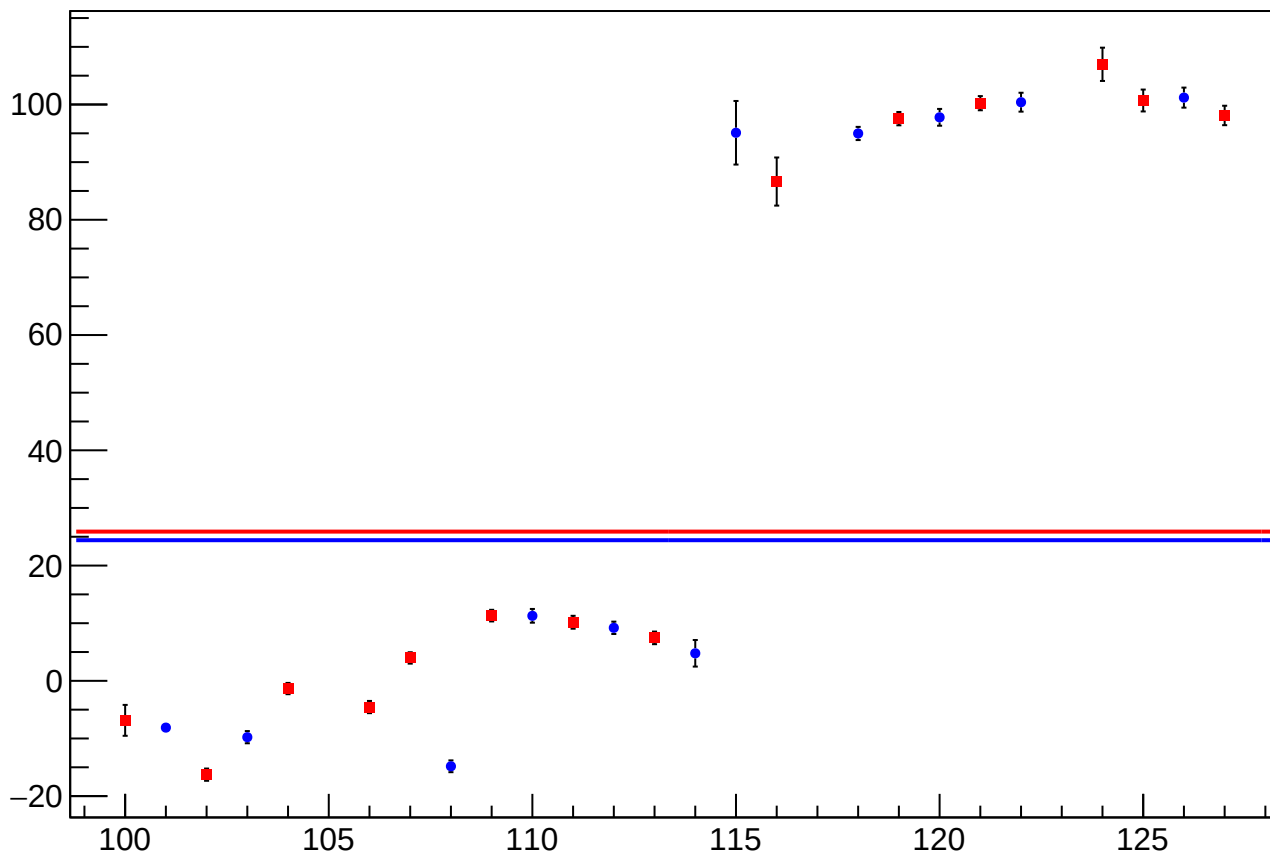
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.538 $\pm$ 0.205 χ^2 /NDF: 284.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 24.402 $\pm$ 0.374 χ^2 /NDF: 15152.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 25.895 $\pm$ 0.337 χ^2 /NDF: 16390.4/13

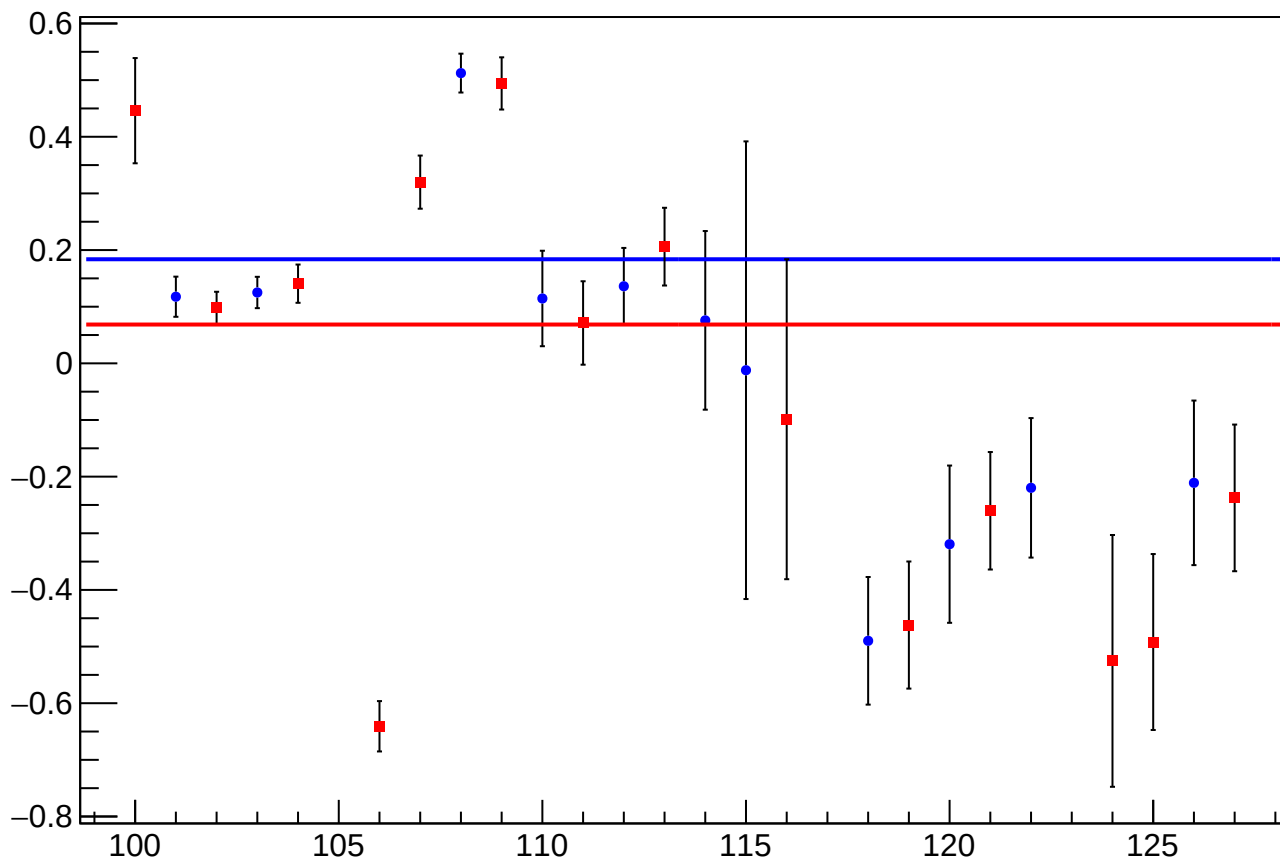
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 25.227 $\pm$ 0.250 χ^2 /NDF: 31551.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.184 $\pm$ 0.017 χ^2 /NDF: 168.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.069 $\pm$ 0.015 χ^2 /NDF: 453.3/13

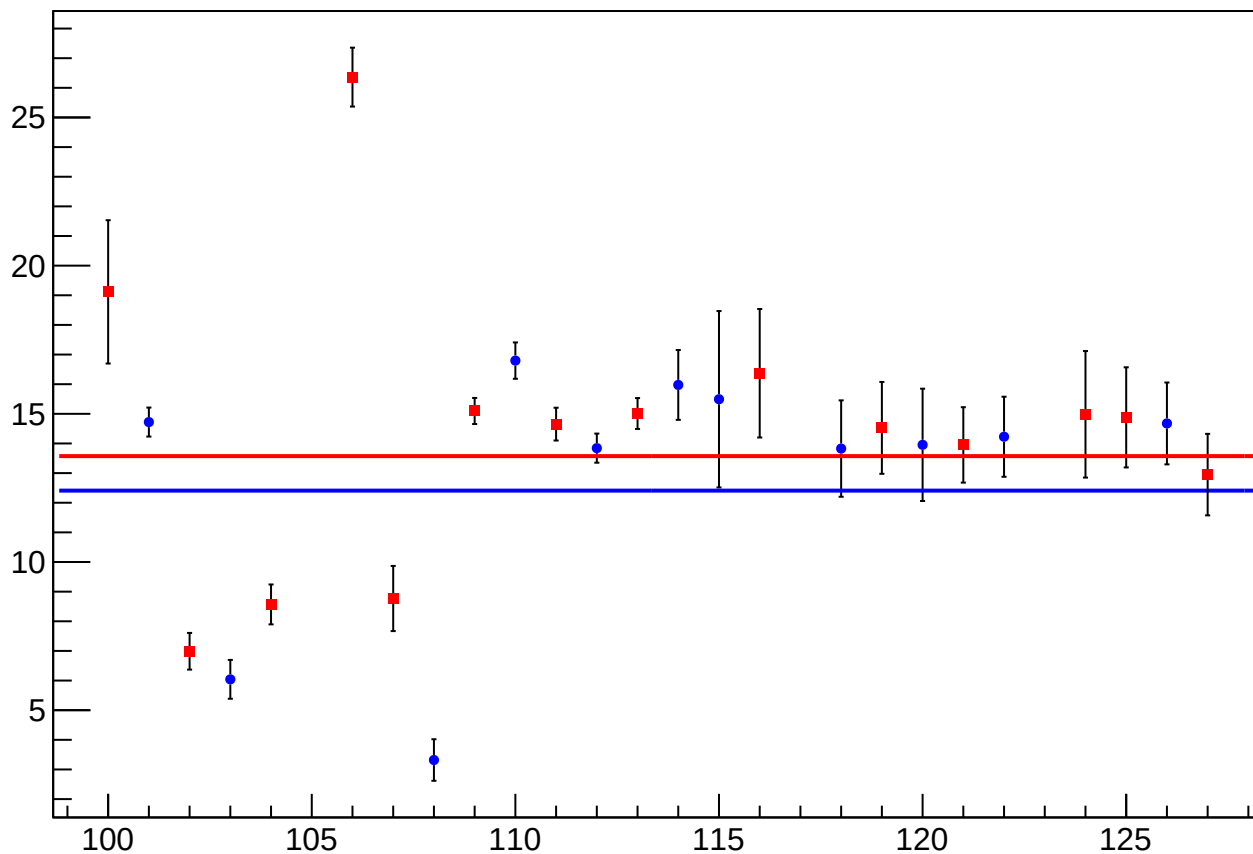
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.121 $\pm$ 0.011 χ^2 /NDF: 648.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam6_diff_bpm1X_slope vs Slug



Right In: 12.409 $\pm$ 0.236 χ^2 /NDF: 360.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.573 $\pm$ 0.217 χ^2 /NDF: 385.2/13

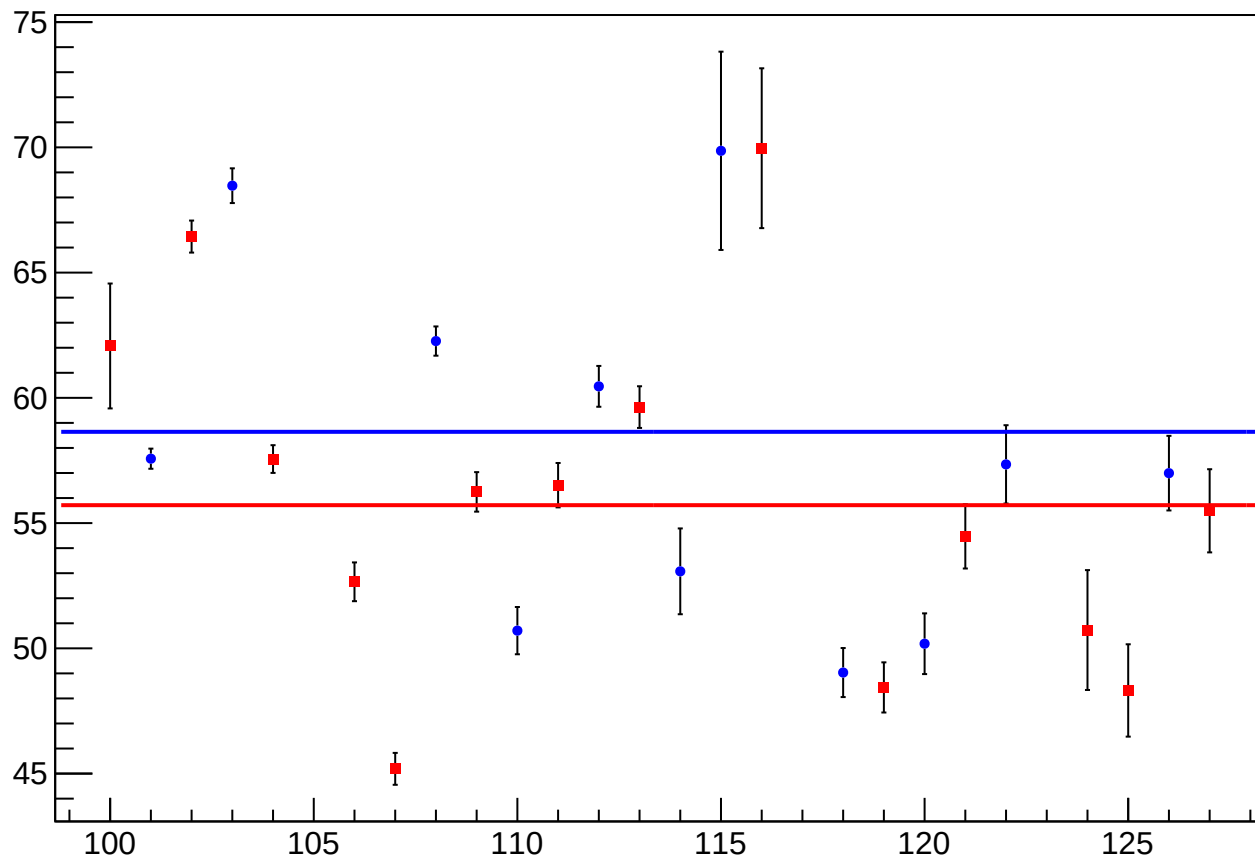
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13.041 $\pm$ 0.160 χ^2 /NDF: 759.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 58.644 $\pm$ 0.244 χ^2 /NDF: 487.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 55.715 $\pm$ 0.243 χ^2 /NDF: 705.4/13

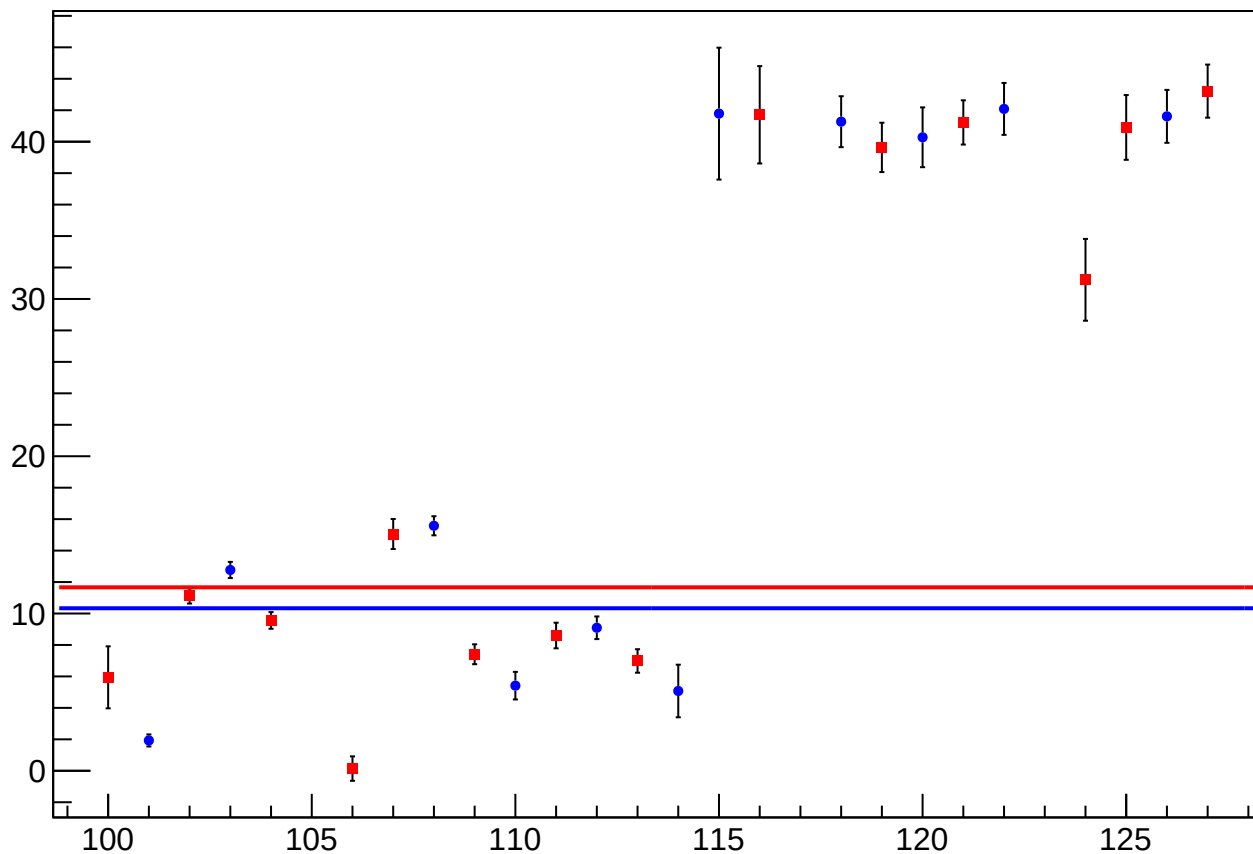
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 57.178 $\pm$ 0.172 χ^2 /NDF: 1265.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: 10.335+/-0.233 χ^2 /NDF: 2008.9/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 11.666+/-0.233 χ^2 /NDF: 1818.3/13

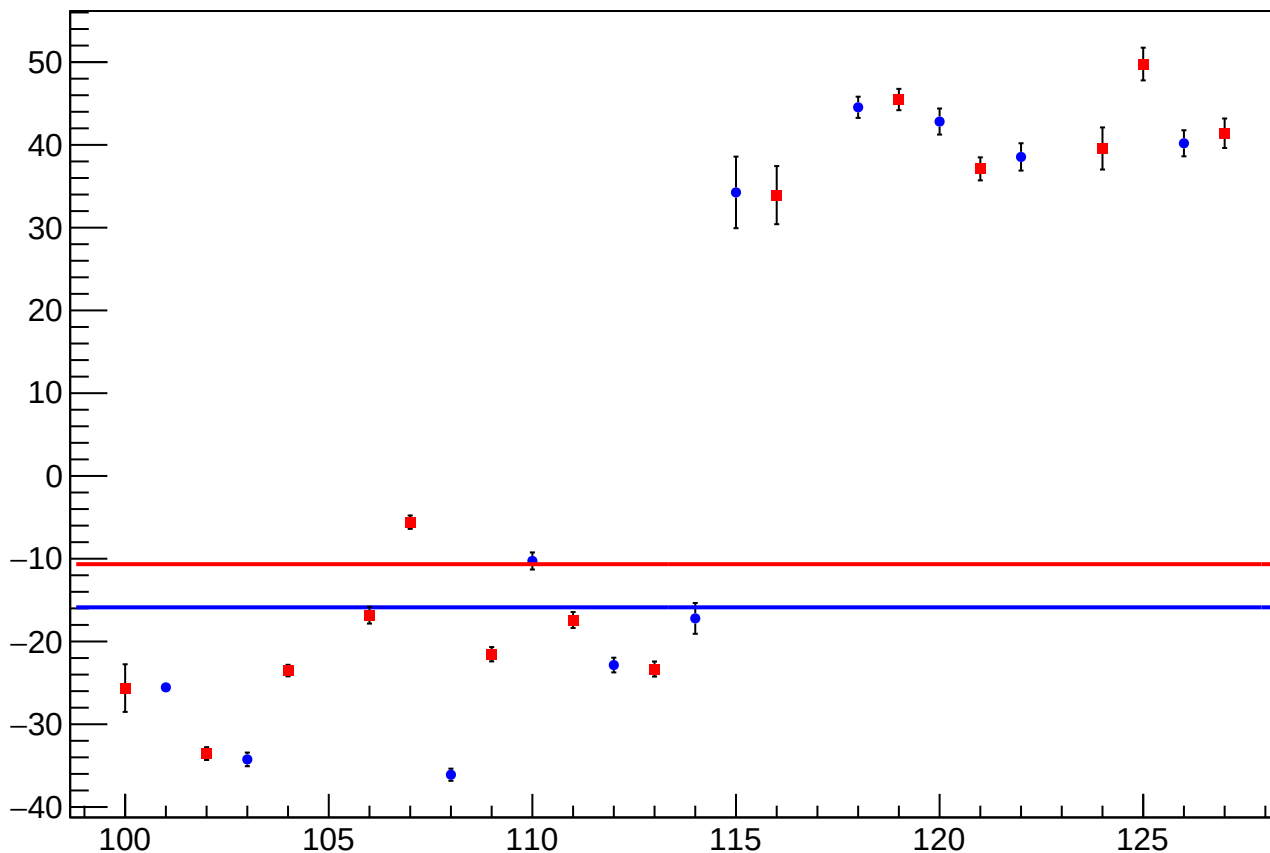
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 11.000+/-0.165 χ^2 /NDF: 3843.4/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: -15.872 ± 0.295 χ^2/NDF : 7806.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -10.659 ± 0.290 χ^2/NDF : 7135.5/13

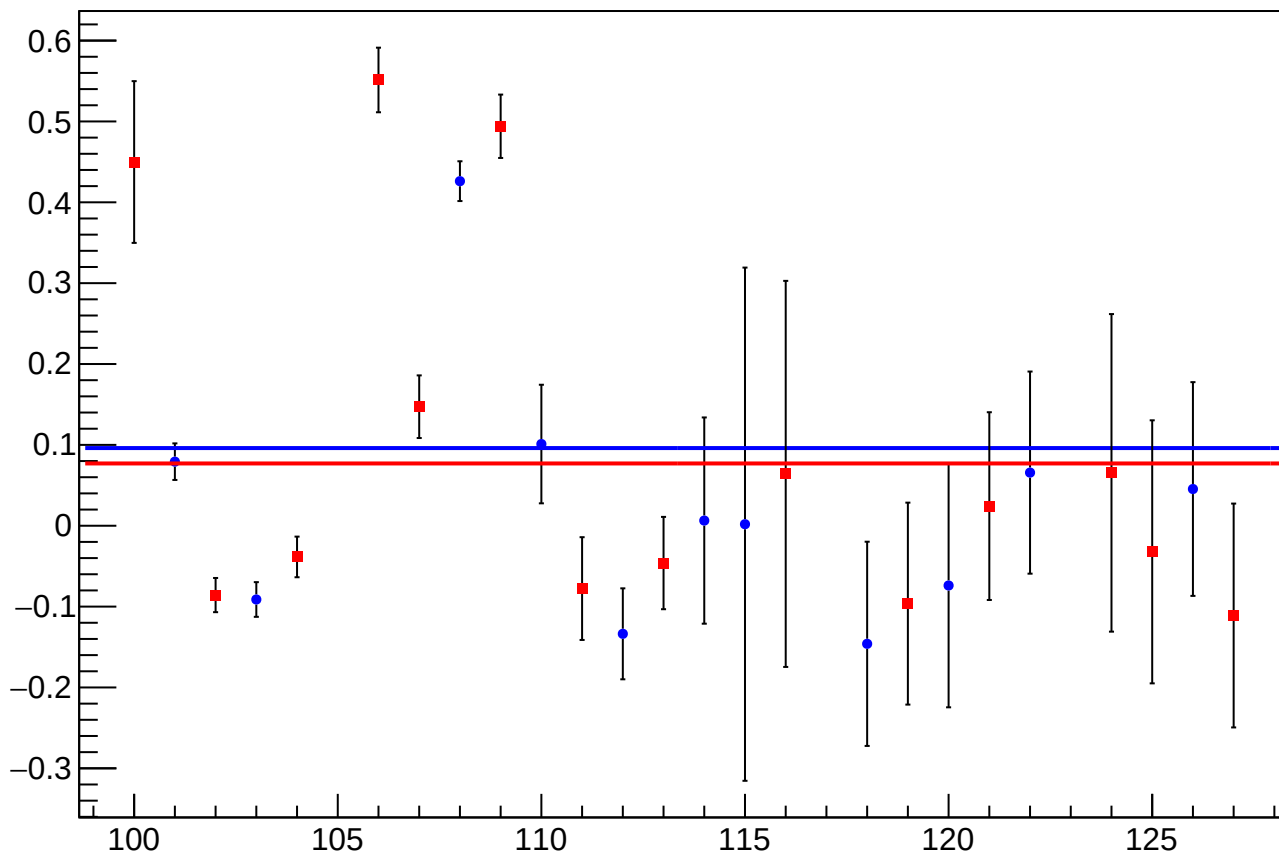
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.222 ± 0.207 χ^2/NDF : 15101.0/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.096 $\pm$ 0.012 χ^2 /NDF: 279.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.077 $\pm$ 0.012 χ^2 /NDF: 366.8/13

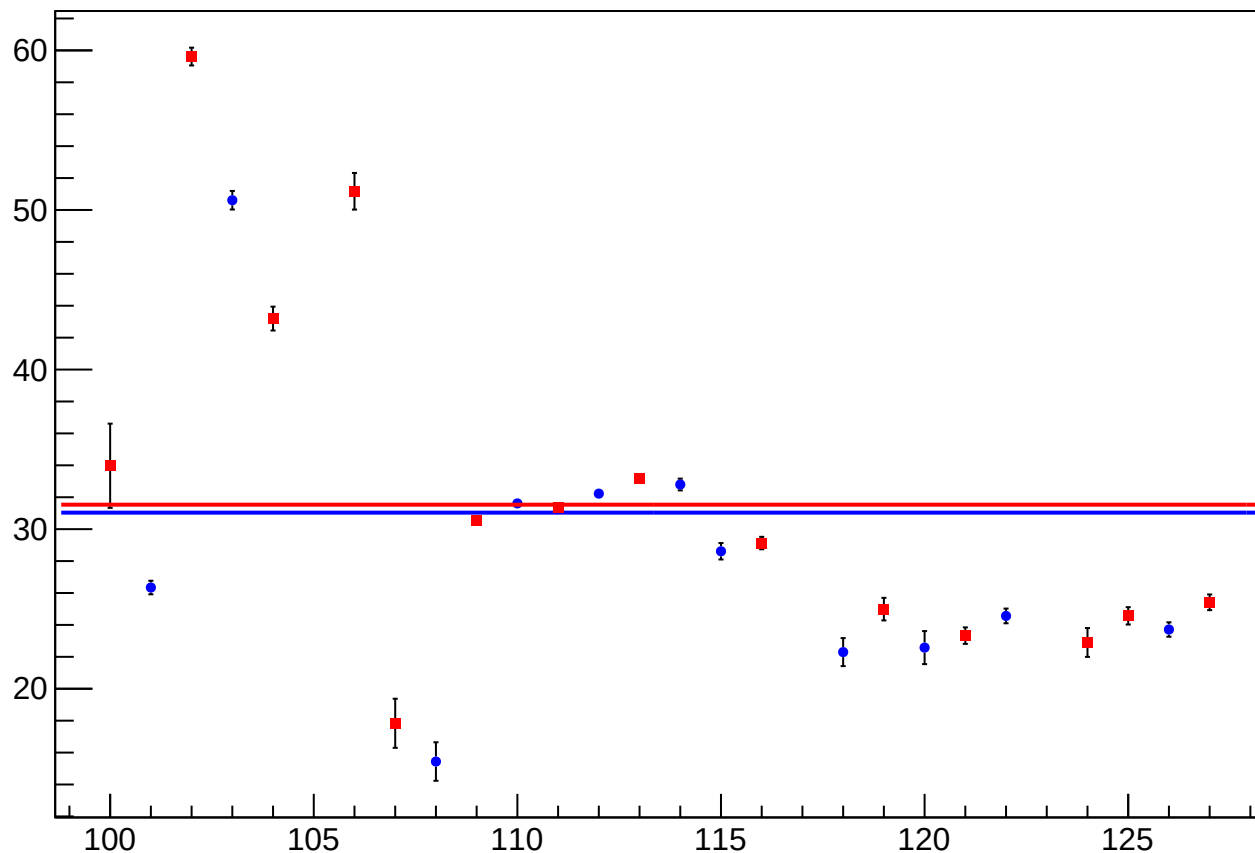
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.086 $\pm$ 0.009 χ^2 /NDF: 647.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam7_diff_bpm1X_slope vs Slug



Right In: 31.035 $\pm$ 0.102 χ^2 /NDF: 2153.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 31.533 $\pm$ 0.084 χ^2 /NDF: 4073.1/13

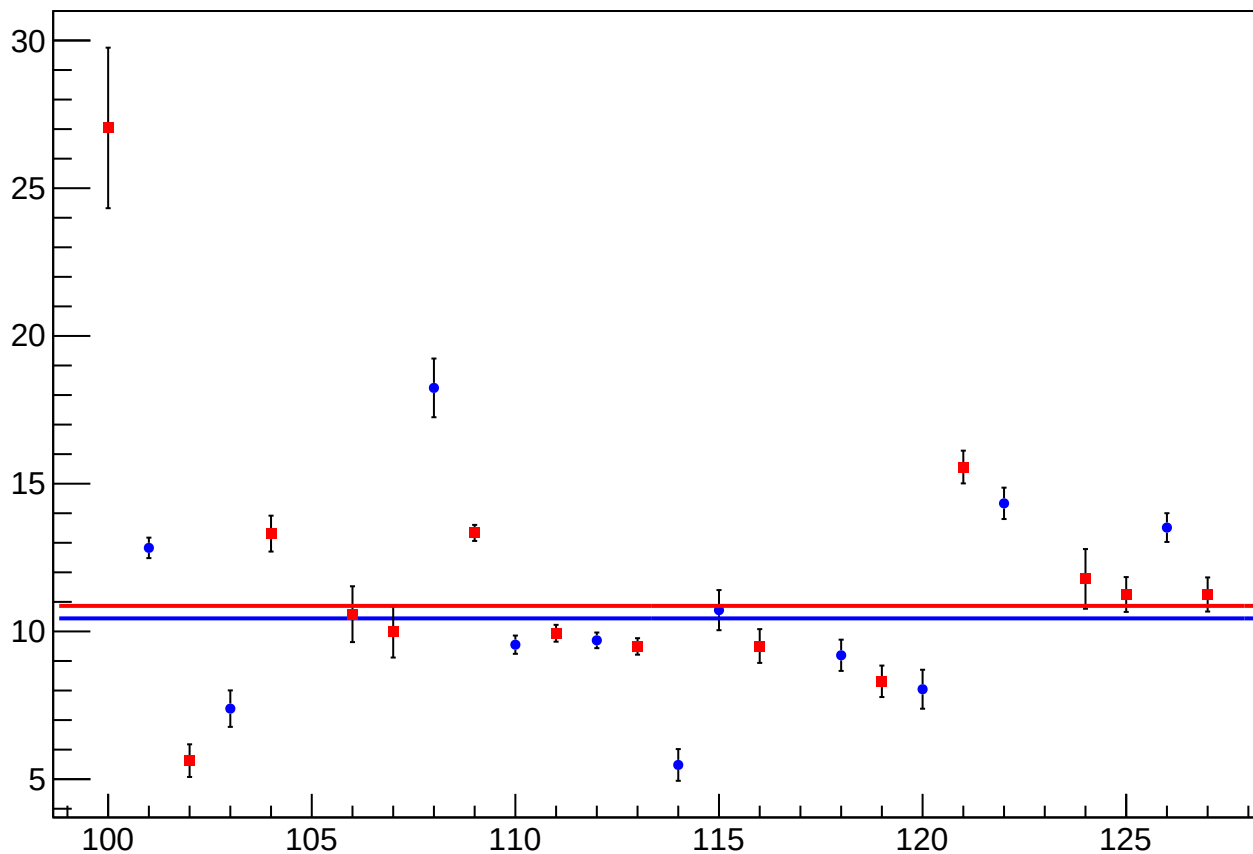
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 31.333 $\pm$ 0.065 χ^2 /NDF: 6240.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.441 $\pm$ 0.134 χ^2 /NDF: 348.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.865 $\pm$ 0.125 χ^2 /NDF: 362.6/13

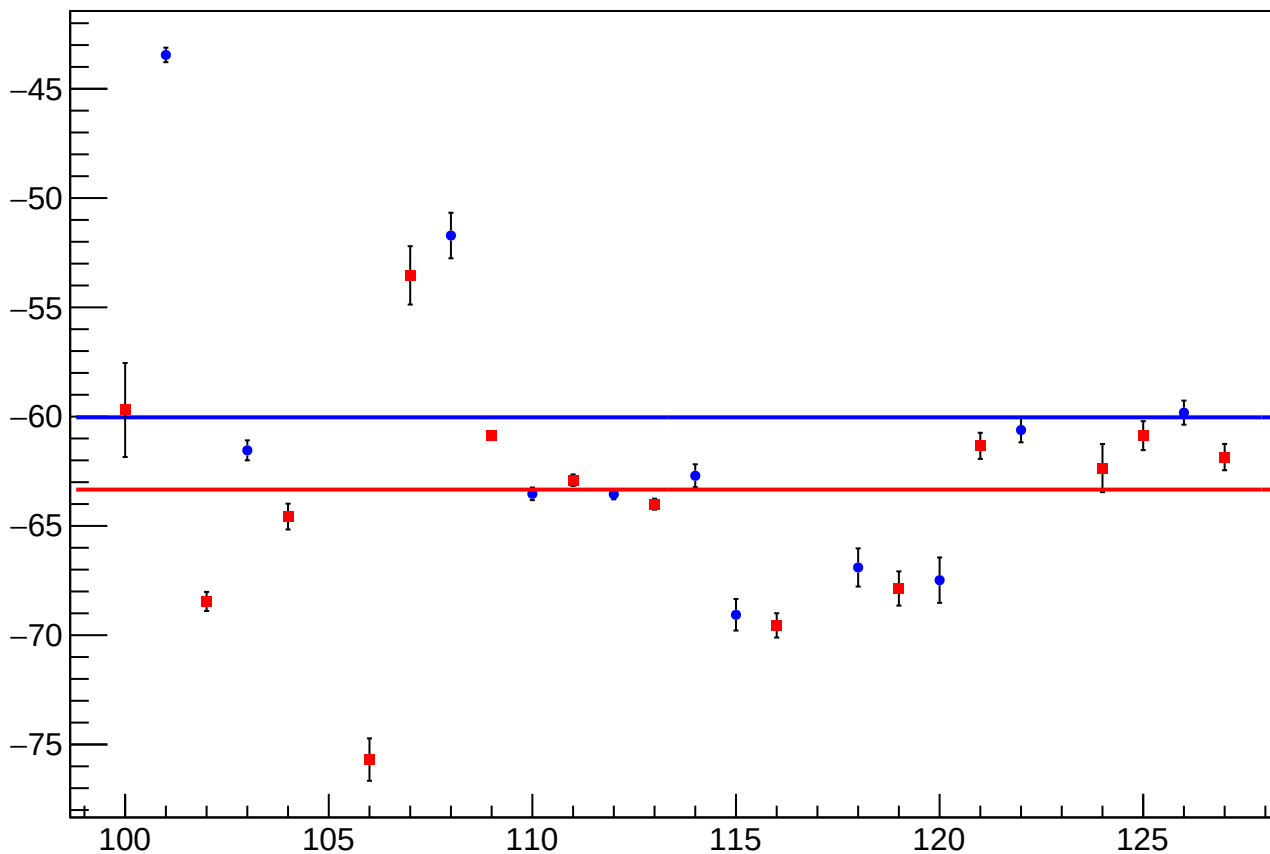
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.667 $\pm$ 0.091 χ^2 /NDF: 715.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -60.032 $\pm$ 0.130 χ^2 /NDF: 3230.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -63.339 $\pm$ 0.115 χ^2 /NDF: 692.4/13

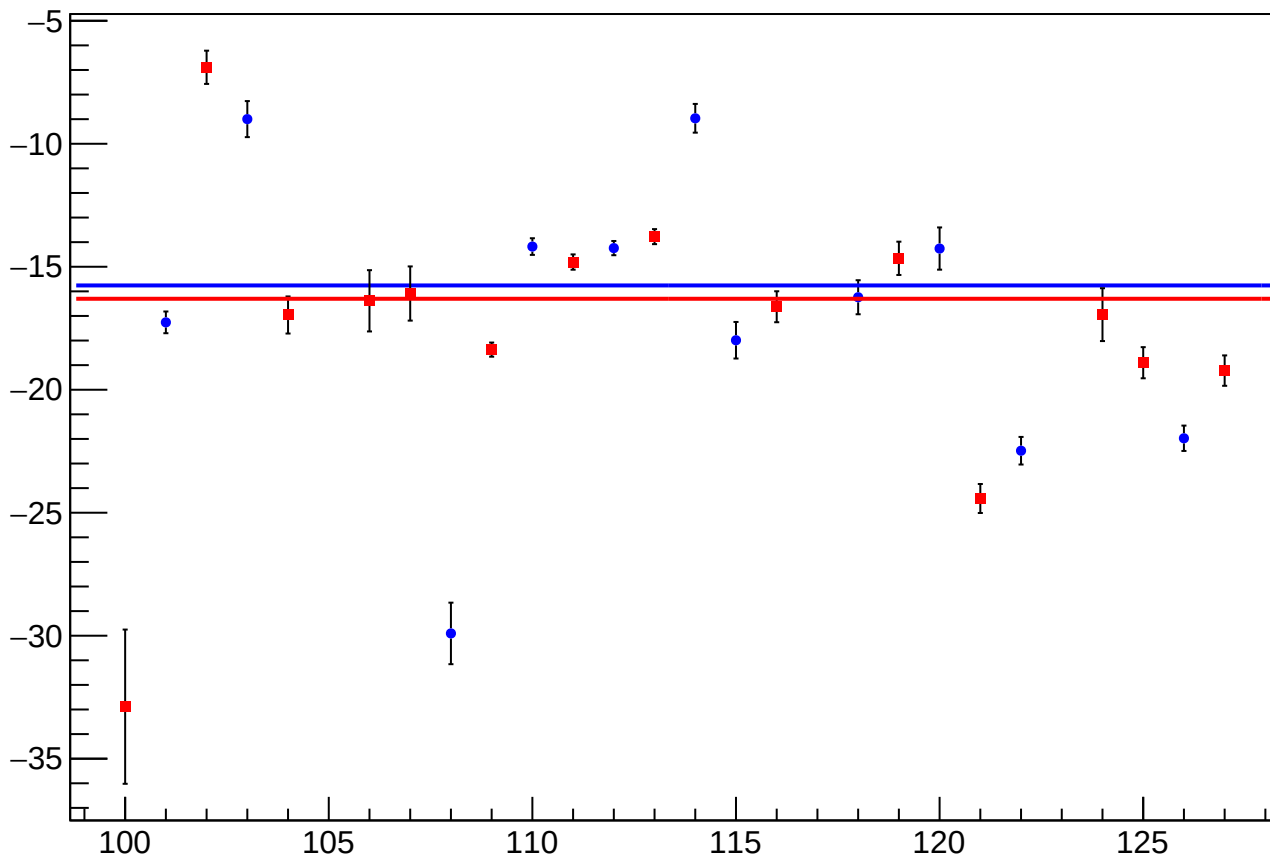
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -61.882 $\pm$ 0.086 χ^2 /NDF: 4285.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -15.760 ± 0.152 χ^2/NDF : 710.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -16.302 ± 0.138 χ^2/NDF : 601.5/13

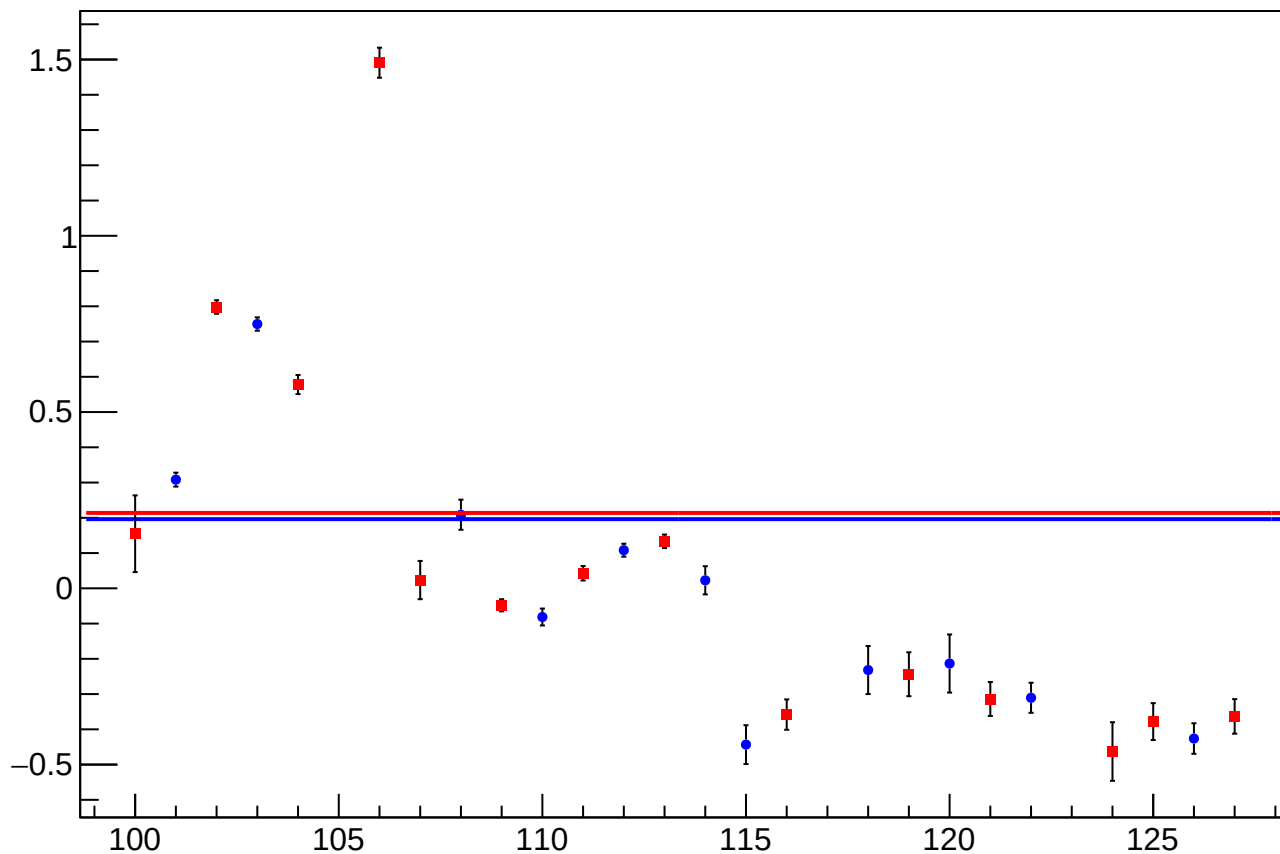
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.056 ± 0.102 χ^2/NDF : 1319.3/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: 0.196 $\pm$ 0.009 χ^2 /NDF: 1603.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.214 $\pm$ 0.008 χ^2 /NDF: 3020.4/13

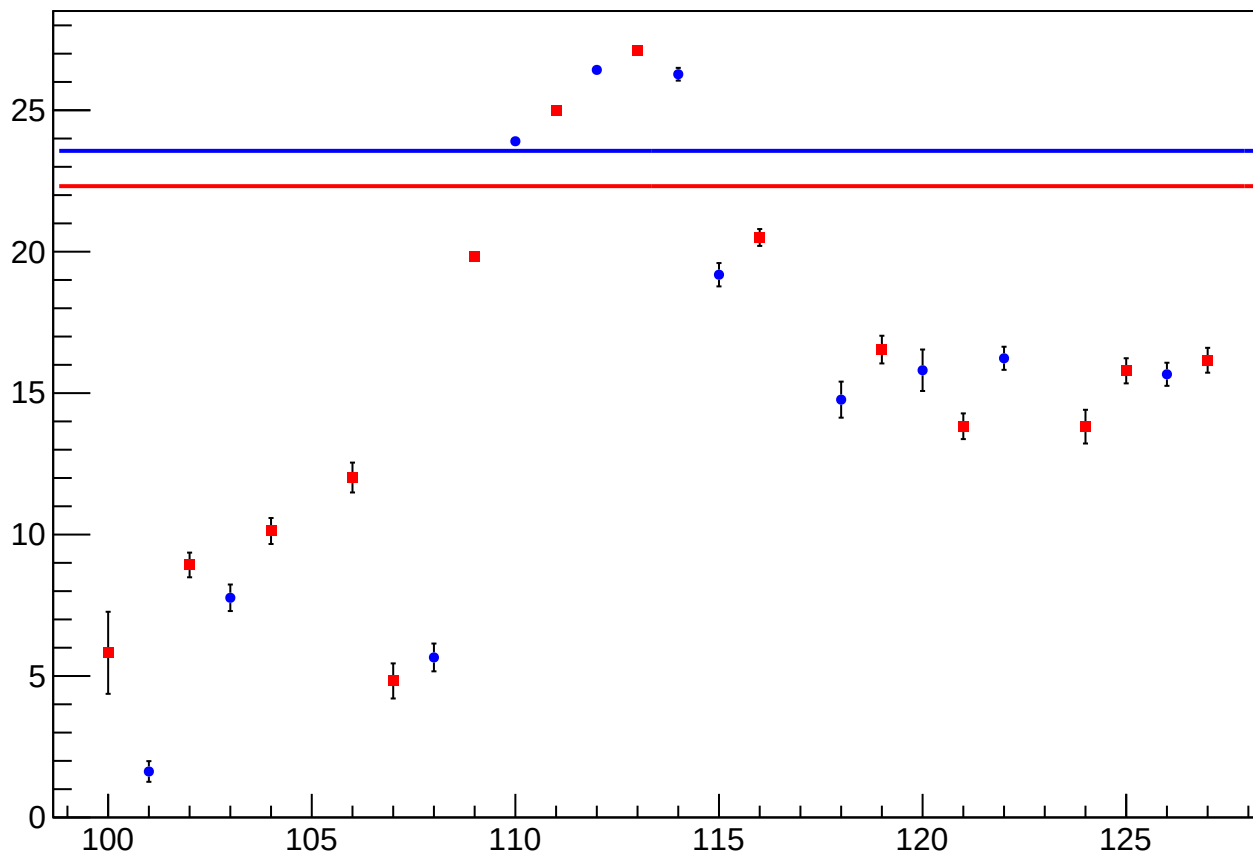
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.206 $\pm$ 0.006 χ^2 /NDF: 4626.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 23.564 $\pm$ 0.060 χ^2 /NDF: 8417.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.316 $\pm$ 0.047 χ^2 /NDF: 8361.9/13

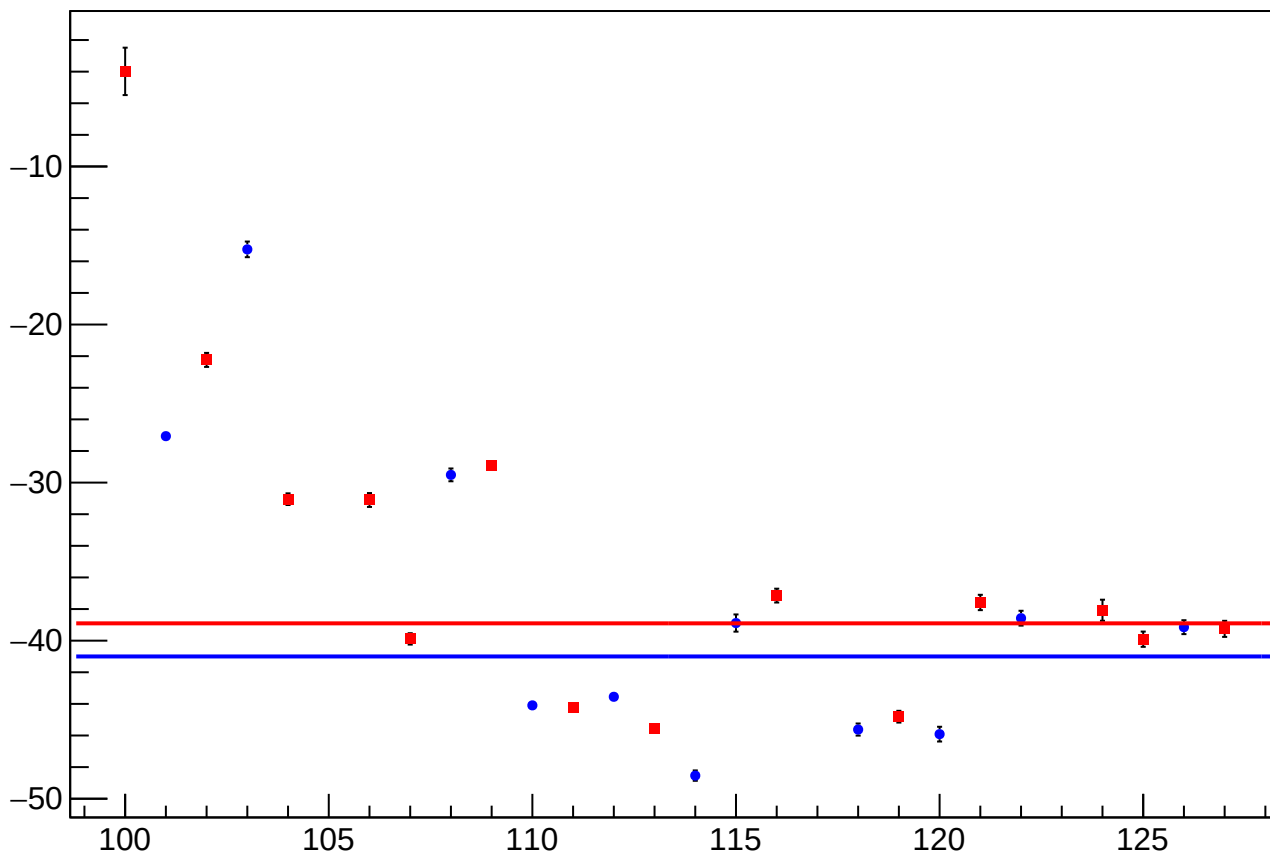
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.797 $\pm$ 0.037 χ^2 /NDF: 17046.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -40.999 ± 0.085 χ^2/NDF : 7218.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -38.905 ± 0.075 χ^2/NDF : 9687.2/13

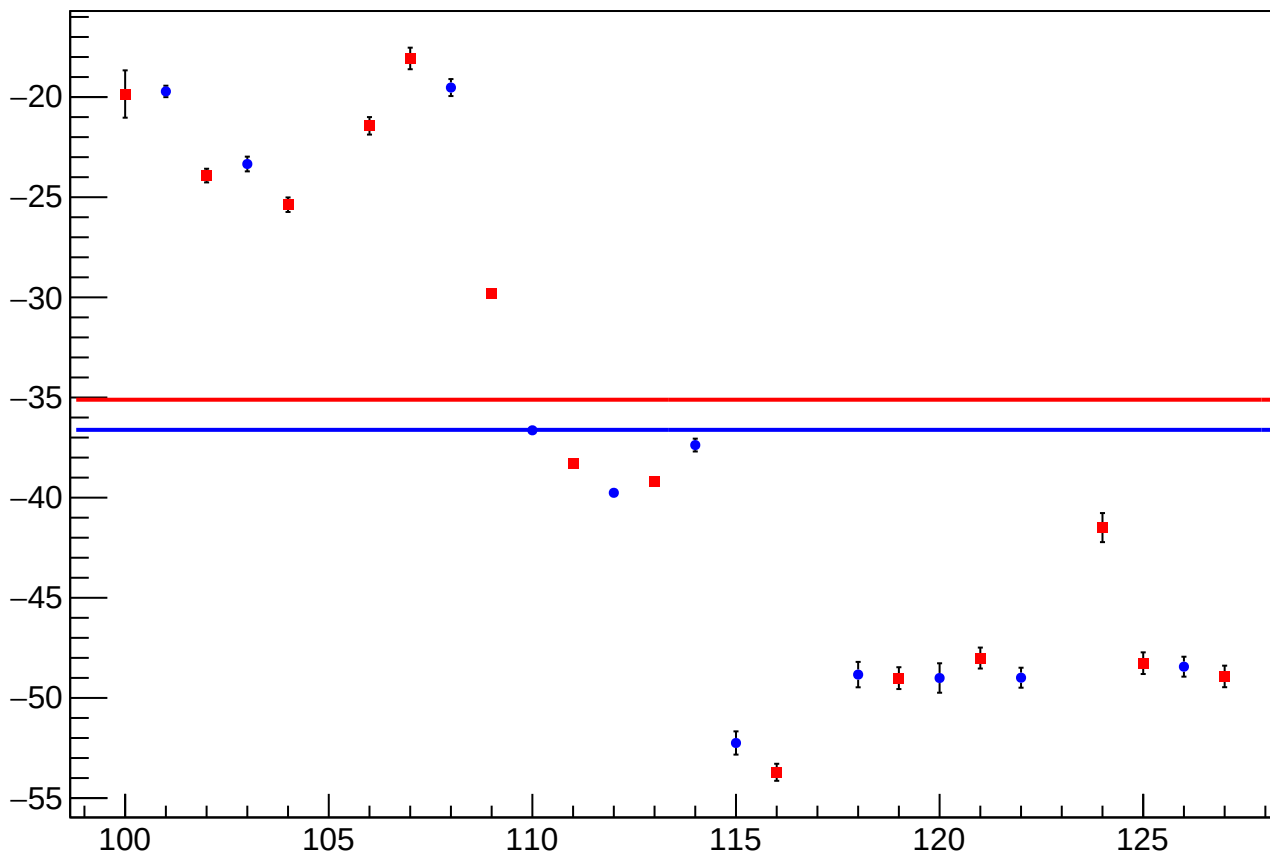
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.831 ± 0.056 χ^2/NDF : 17247.8/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -36.615+/-0.080 χ^2/NDF : 9591.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -35.111+/-0.067 χ^2/NDF : 11839.2/13

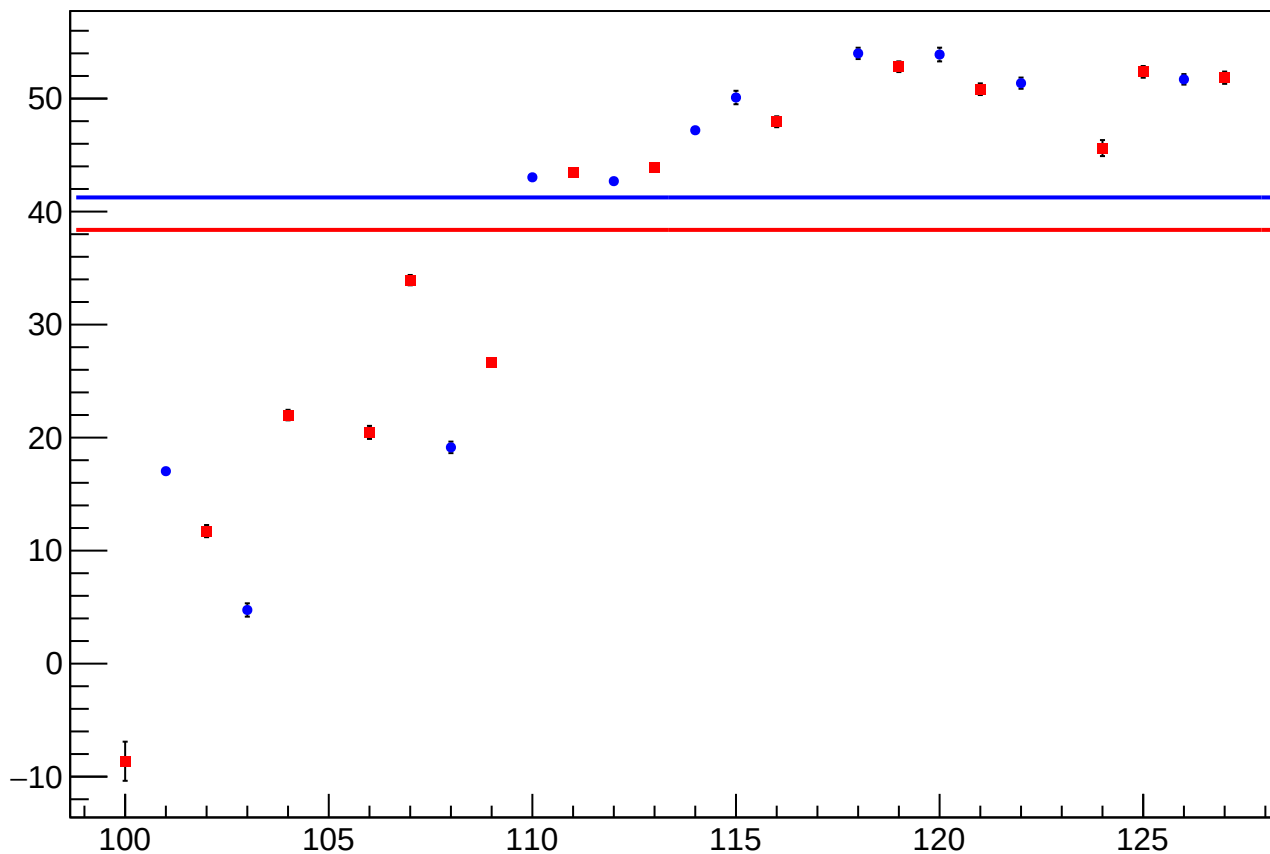
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.726+/-0.051 χ^2/NDF : 21638.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 41.253+/-0.095 χ^2/NDF : 12473.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.380+/-0.083 χ^2/NDF : 15539.4/13

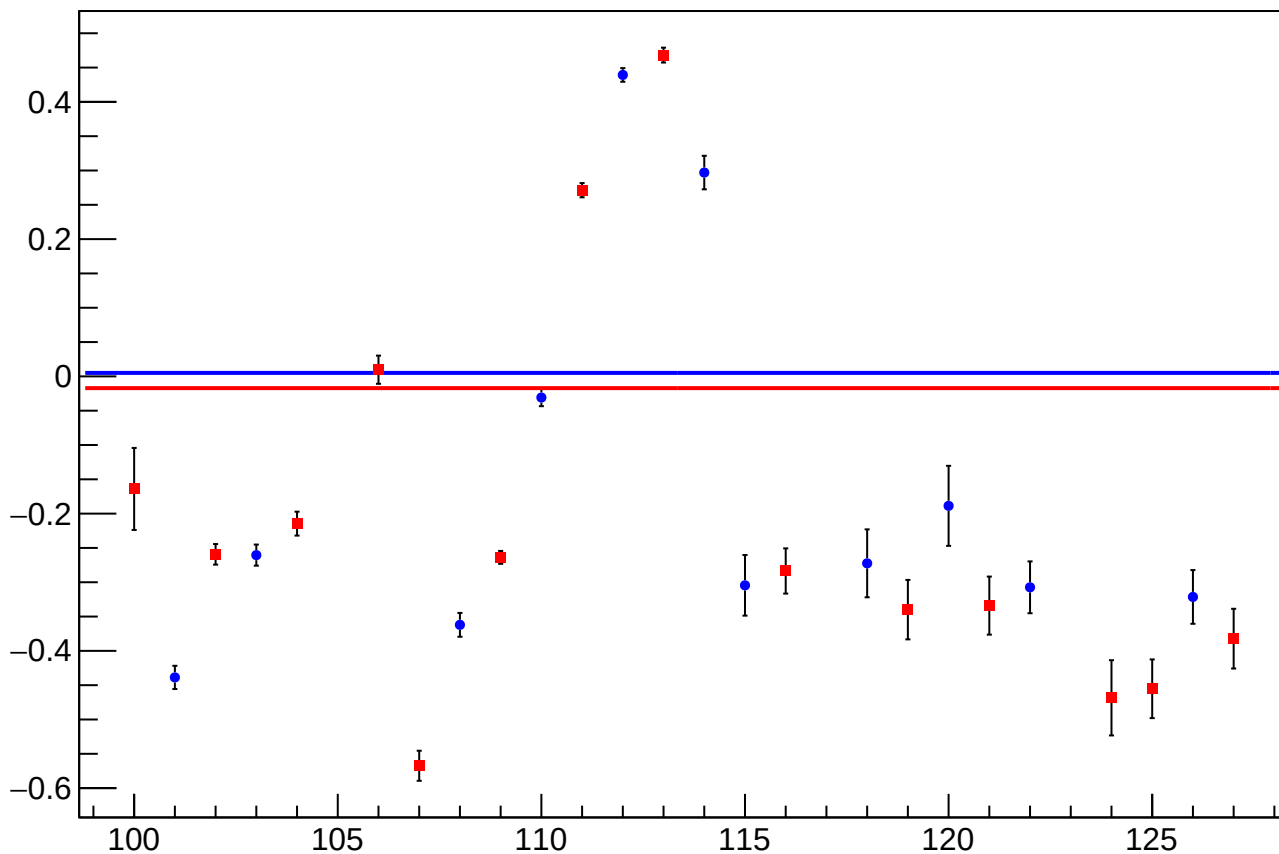
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.624+/-0.062 χ^2/NDF : 28531.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: 0.005+/-0.006 χ^2/NDF : 3719.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.017+/-0.005 χ^2/NDF : 4920.3/13

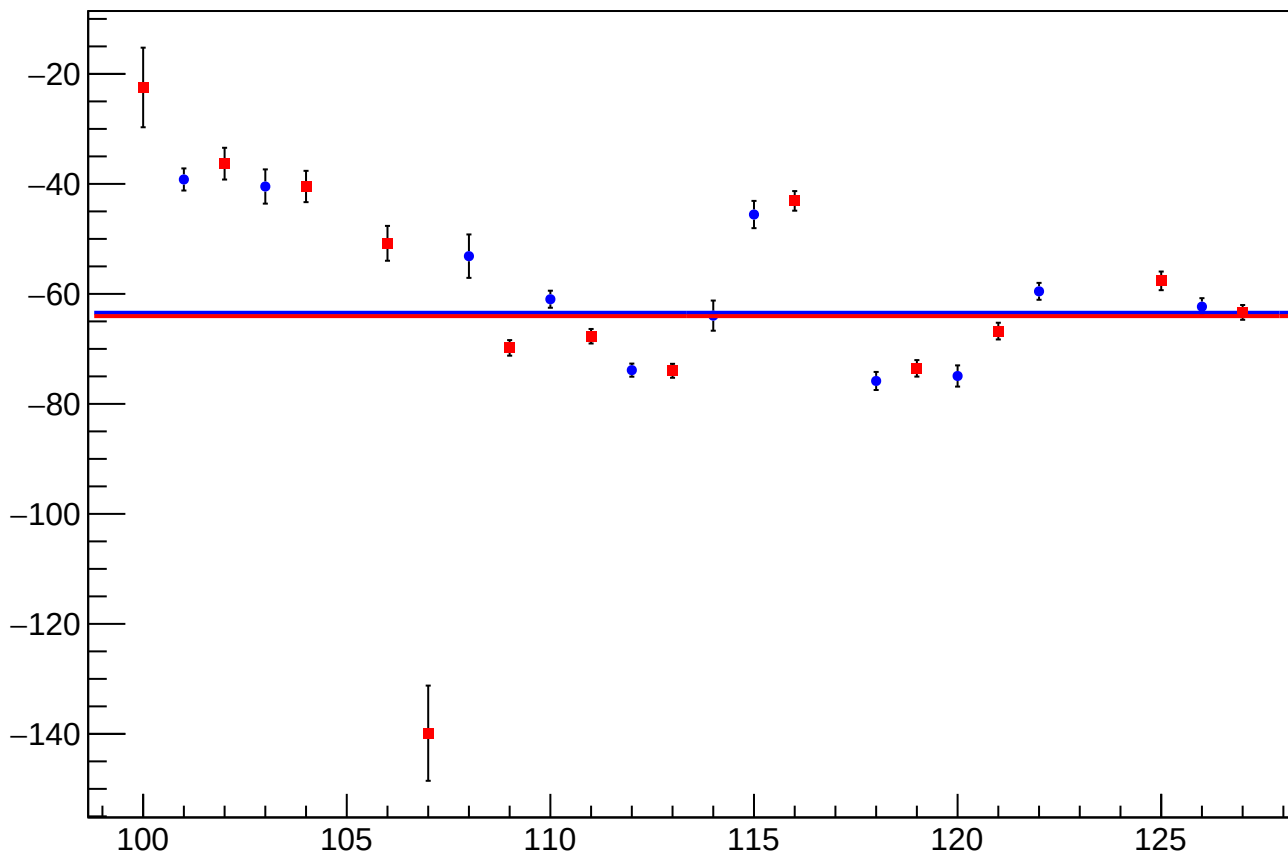
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.004 χ^2/NDF : 8648.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_diff_bpm1X_slope vs Slug



Right In: -63.432 ± 0.549 χ^2/NDF : 437.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -64.042 ± 0.490 χ^2/NDF : 569.8/12

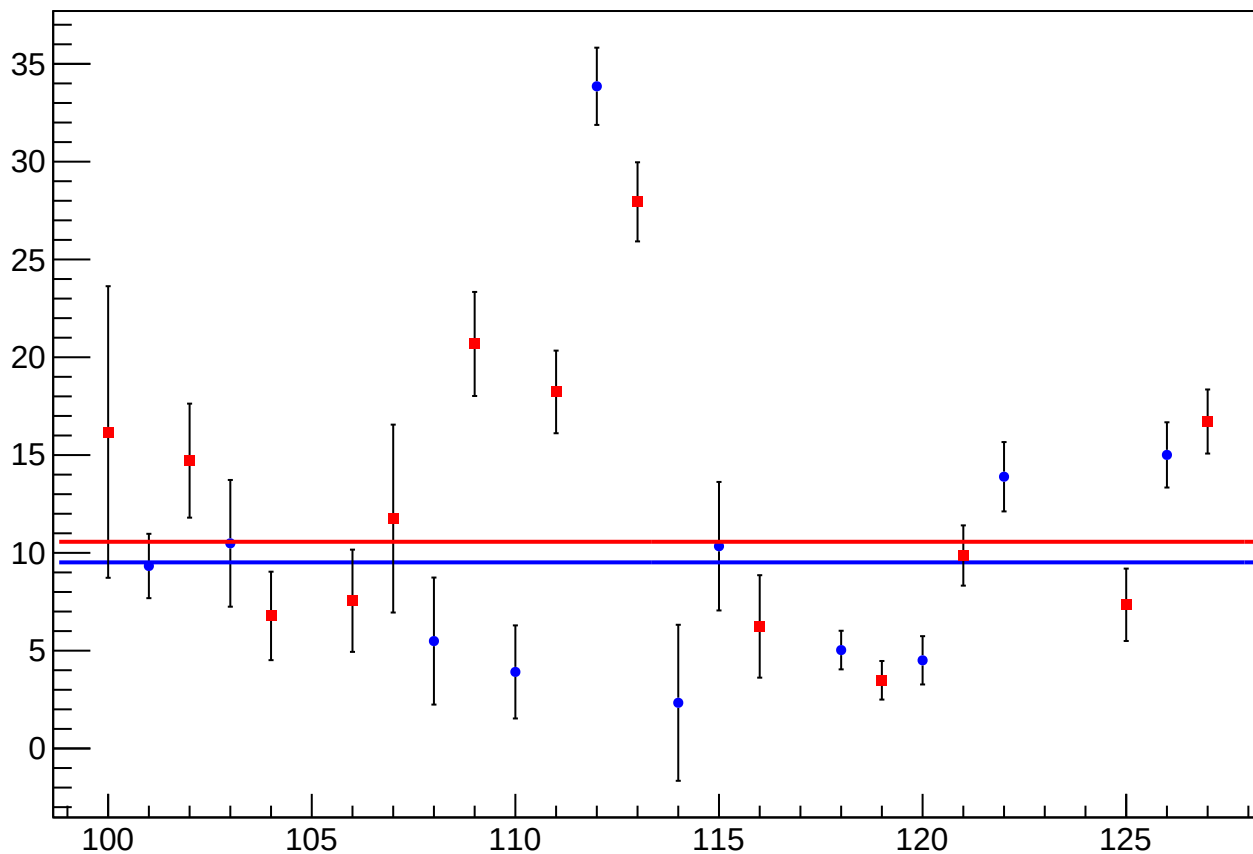
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -63.772 ± 0.366 χ^2/NDF : 1007.6/23

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 9.514 $\pm$ 0.534 χ^2 /NDF: 216.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.567 $\pm$ 0.543 χ^2 /NDF: 179.8/12

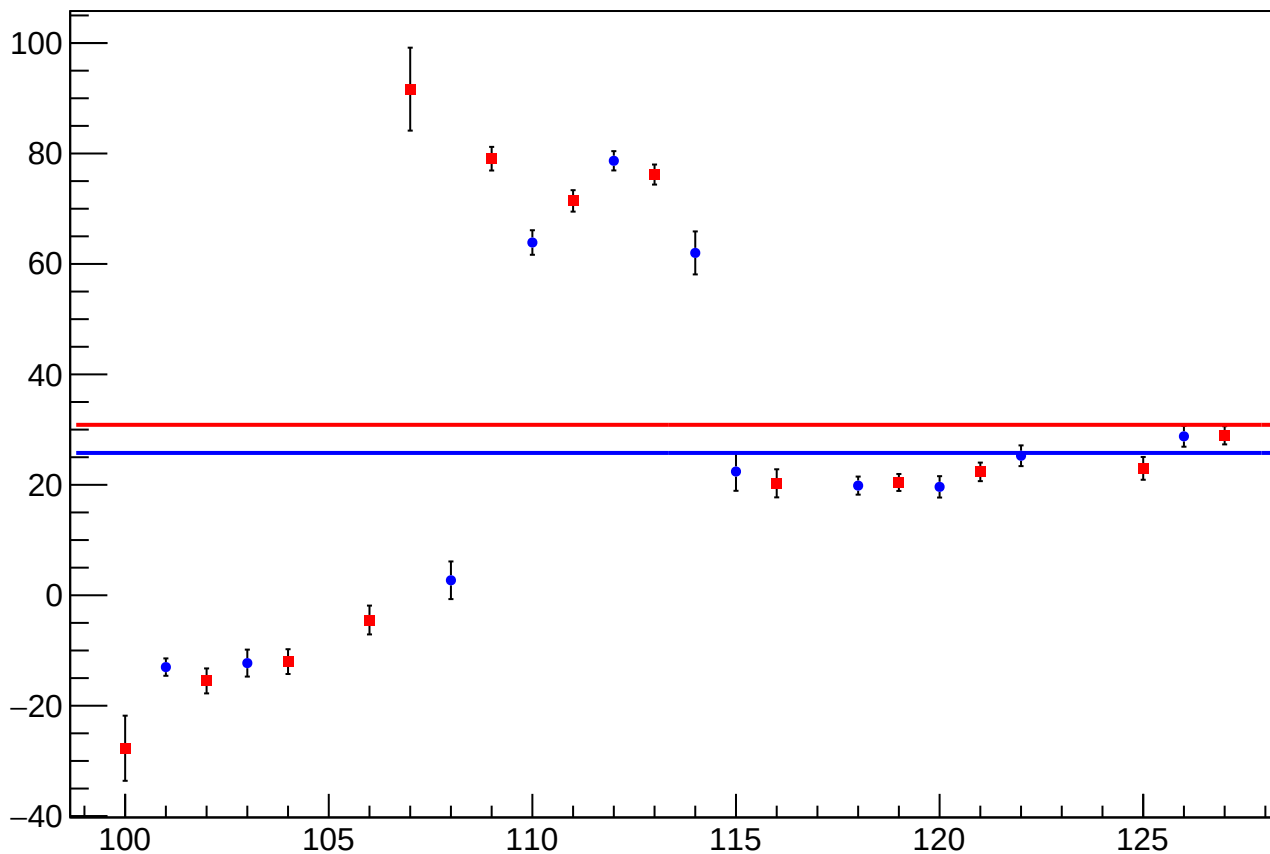
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.031 $\pm$ 0.381 χ^2 /NDF: 398.2/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 25.776+/-0.627 χ^2/NDF : 2221.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.866+/-0.586 χ^2/NDF : 2803.8/12

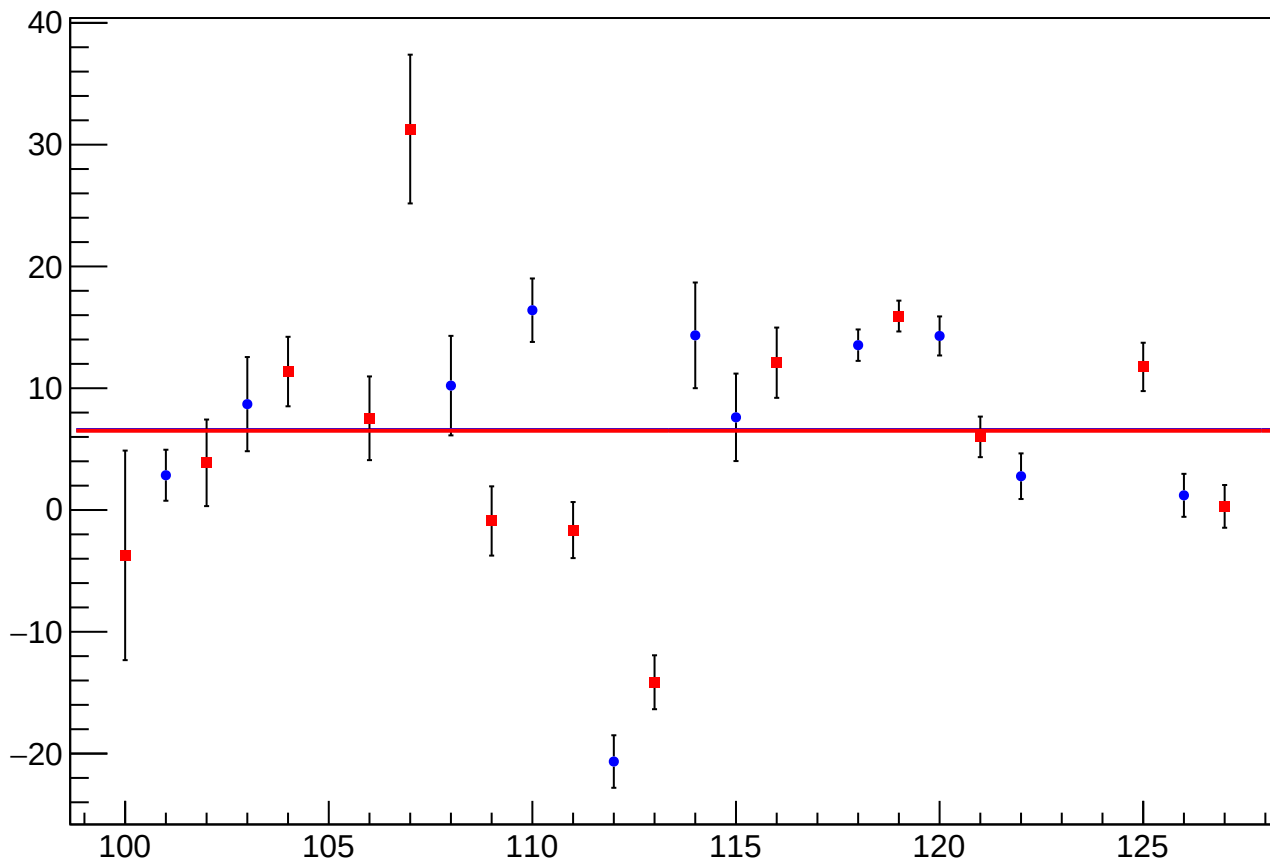
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.493+/-0.428 χ^2/NDF : 5060.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 6.566 $\pm$ 0.640 χ^2 /NDF: 246.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.512 $\pm$ 0.629 χ^2 /NDF: 206.4/12

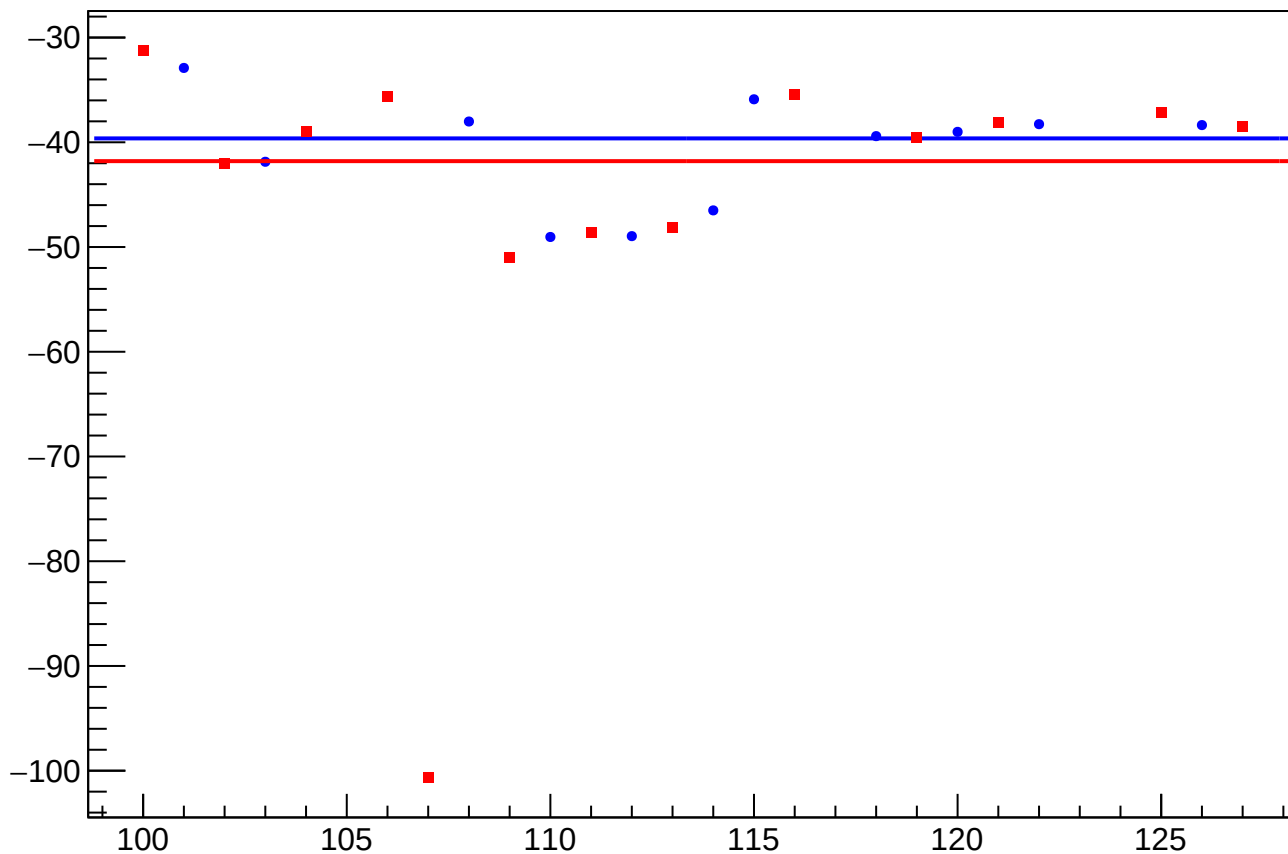
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.538 $\pm$ 0.449 χ^2 /NDF: 453.3/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.629 $\pm$ 0.042 χ^2 /NDF: 13951.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -41.800 $\pm$ 0.039 χ^2 /NDF: 52683.0/12

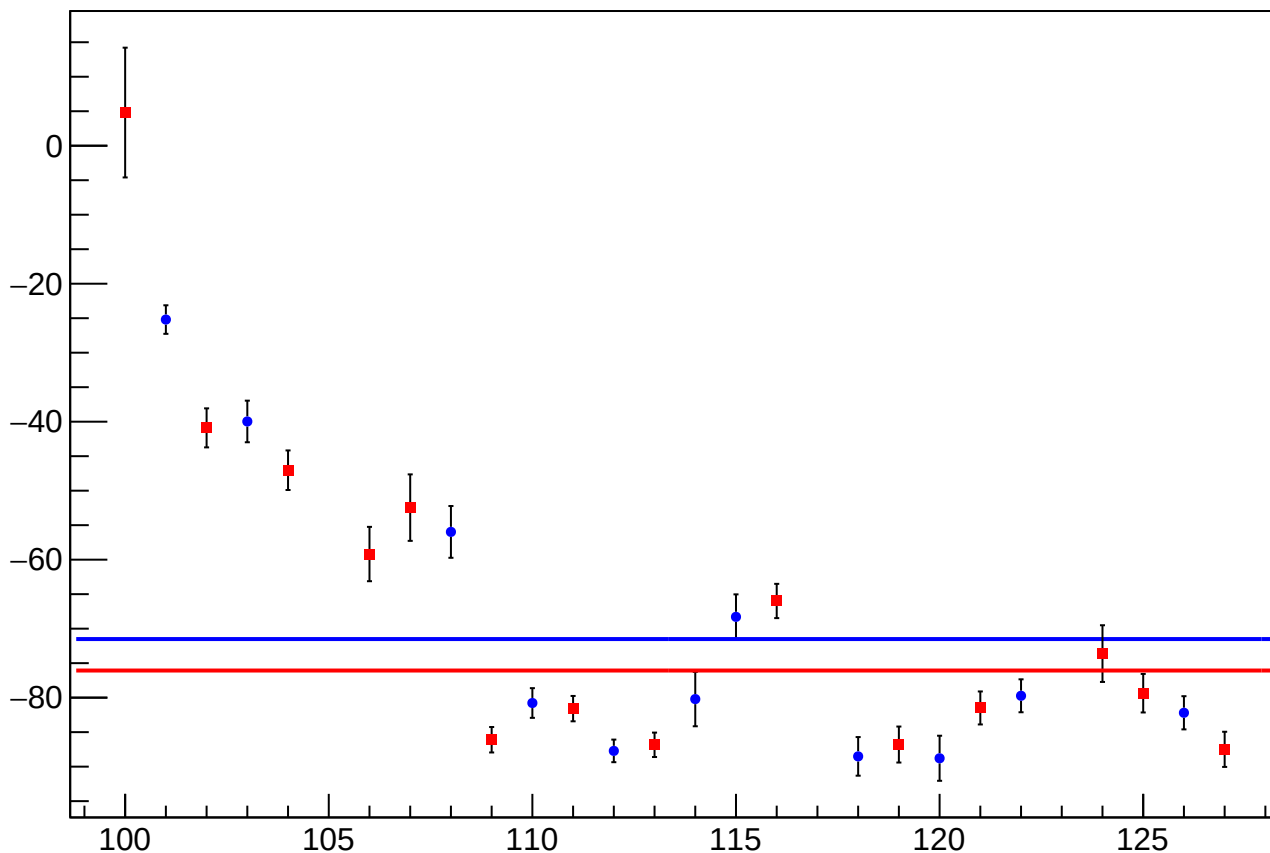
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -40.787 $\pm$ 0.029 χ^2 /NDF: 68063.0/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_diff_bpm1X_slope vs Slug



Right In: -71.507 ± 0.760 χ^2/NDF : 846.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -76.068 ± 0.690 χ^2/NDF : 509.5/13

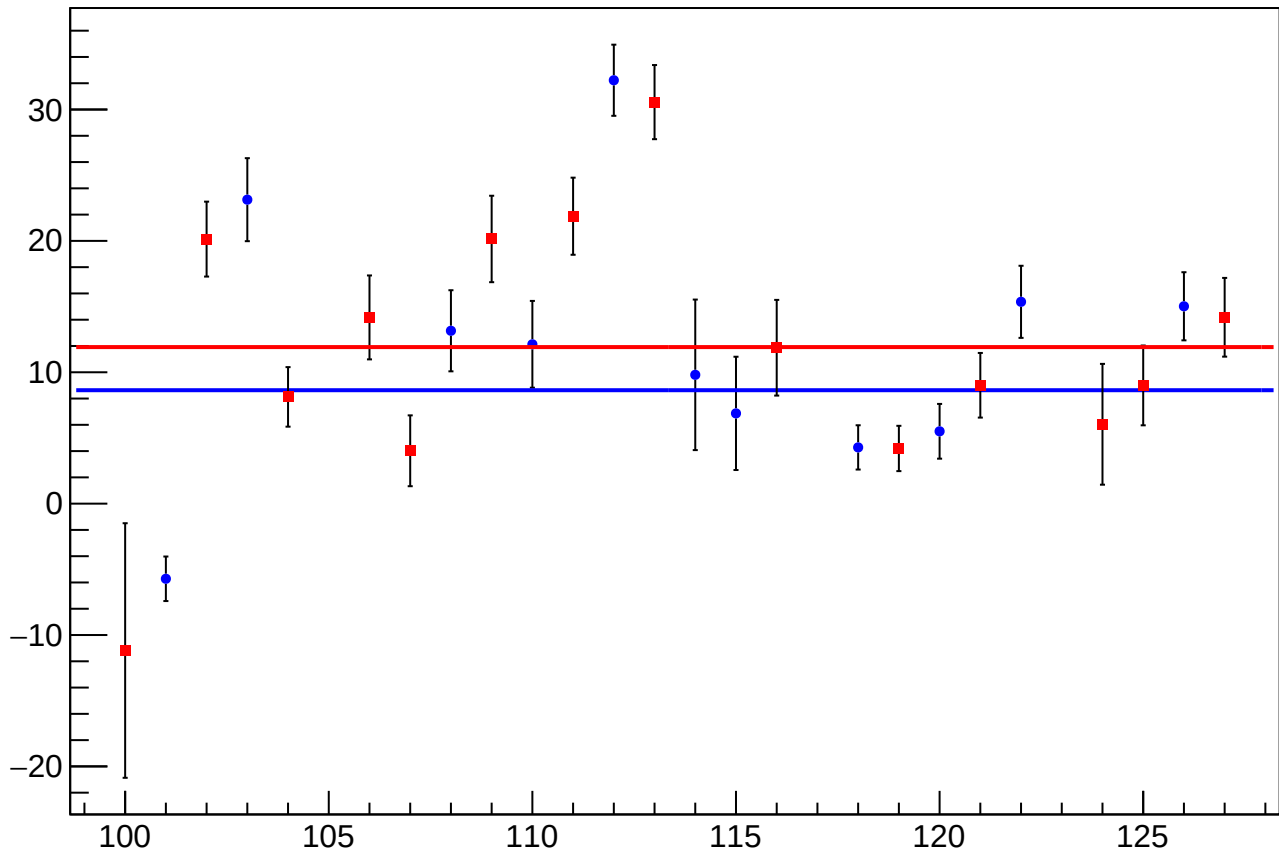
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -74.007 ± 0.511 χ^2/NDF : 1375.6/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 8.634 $\pm$ 0.760 χ^2 /NDF: 193.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.917 $\pm$ 0.758 χ^2 /NDF: 111.9/13

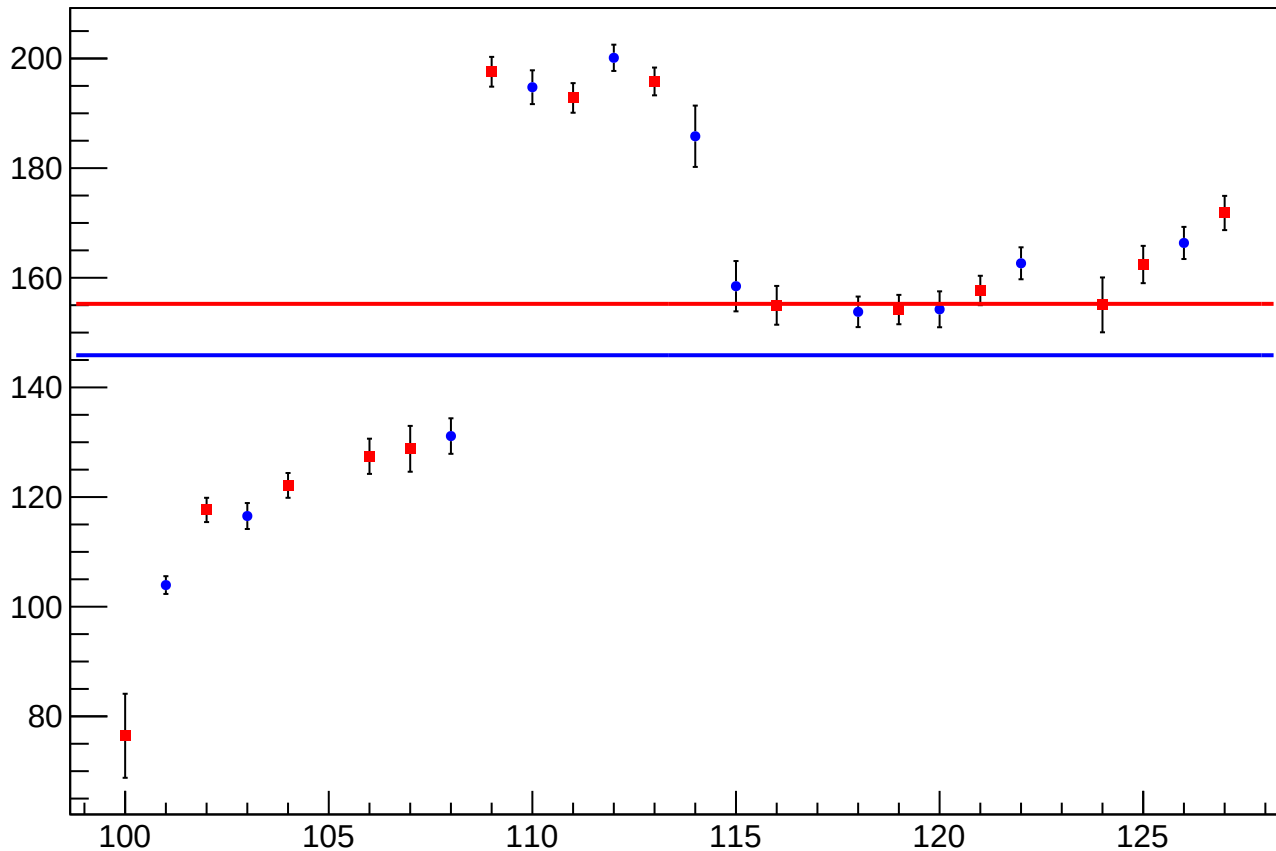
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.281 $\pm$ 0.537 χ^2 /NDF: 314.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 145.870+/-0.825 χ^2/NDF : 1763.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.242+/-0.794 χ^2/NDF : 1449.1/13

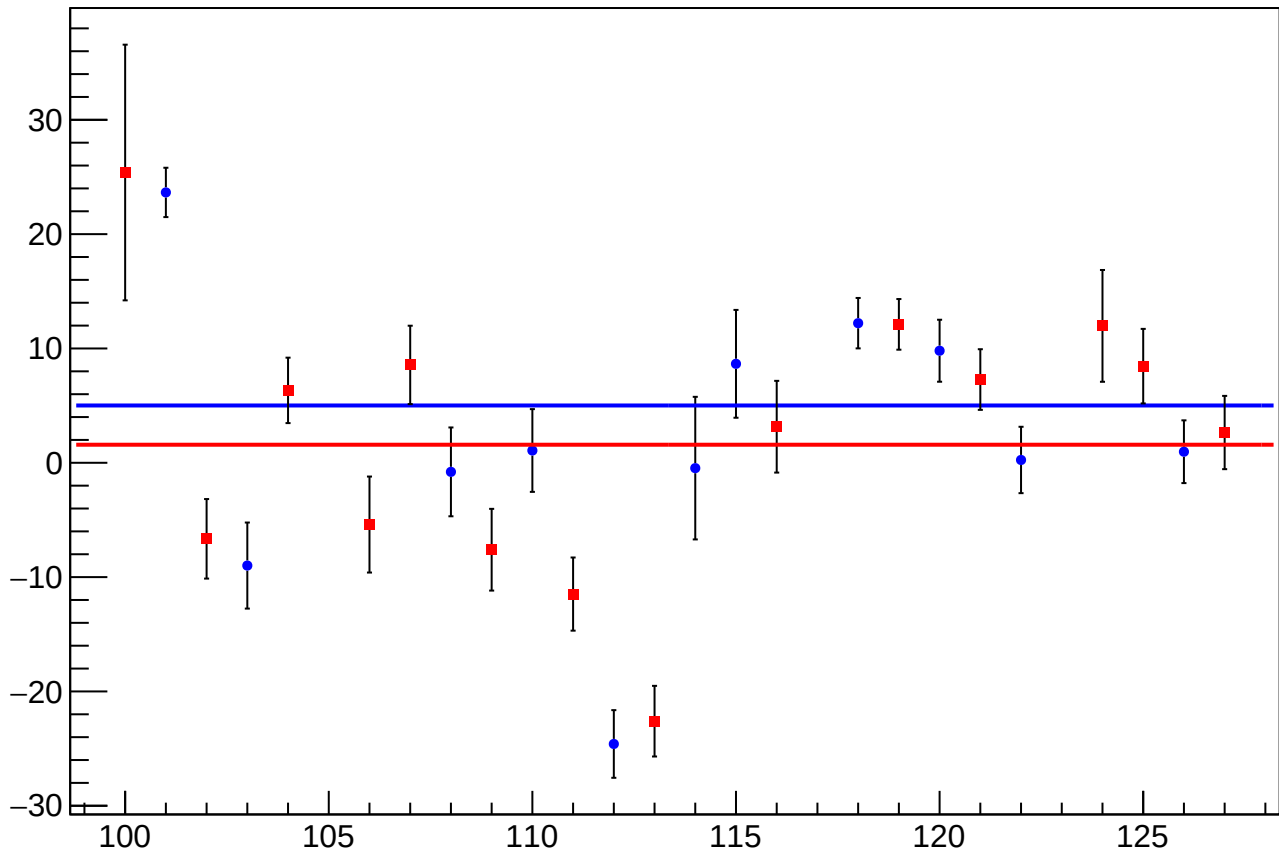
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.735+/-0.572 χ^2/NDF : 3279.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 5.013 $\pm$ 0.911 χ^2 /NDF: 212.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.580 $\pm$ 0.885 χ^2 /NDF: 140.7/13

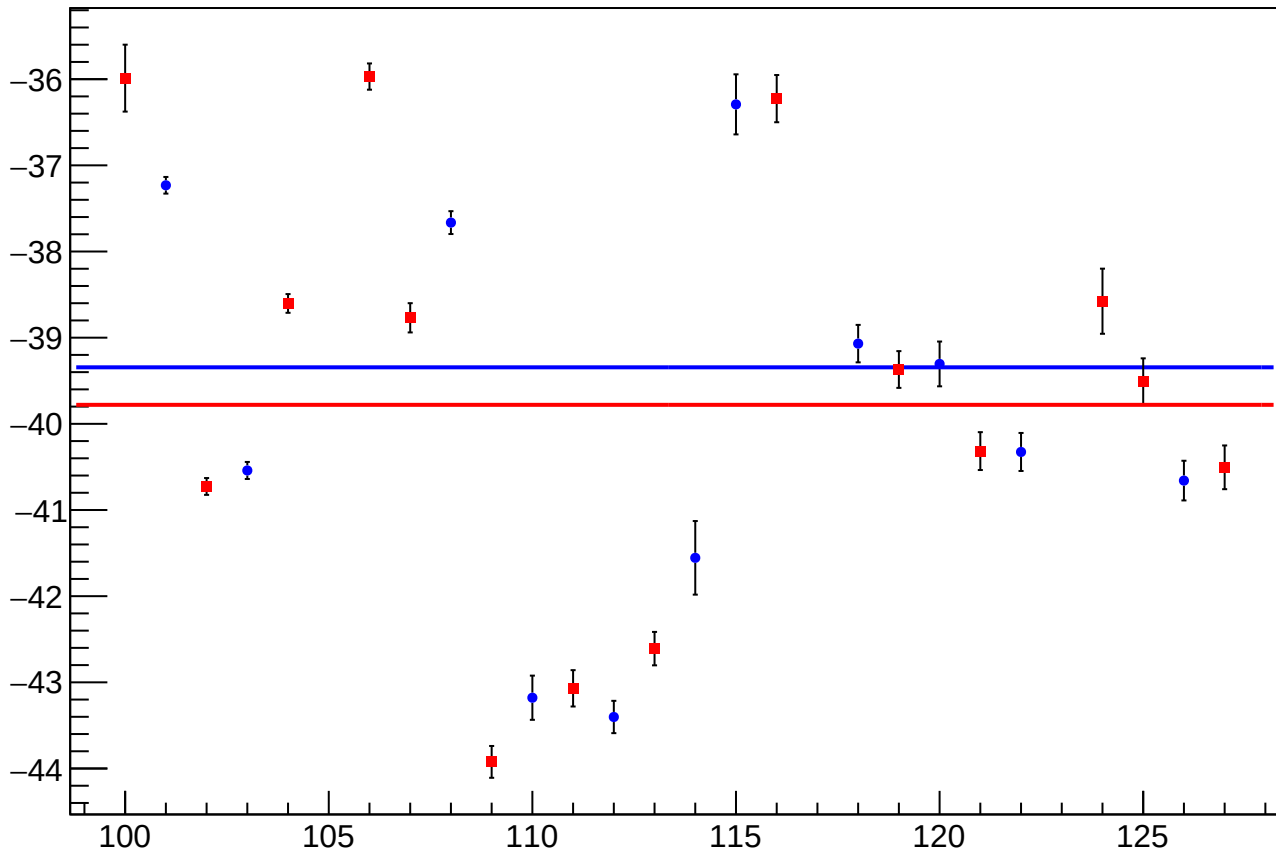
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.248 $\pm$ 0.635 χ^2 /NDF: 360.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -39.344 ± 0.050 χ^2/NDF : 1634.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -39.779 ± 0.047 χ^2/NDF : 2124.2/13

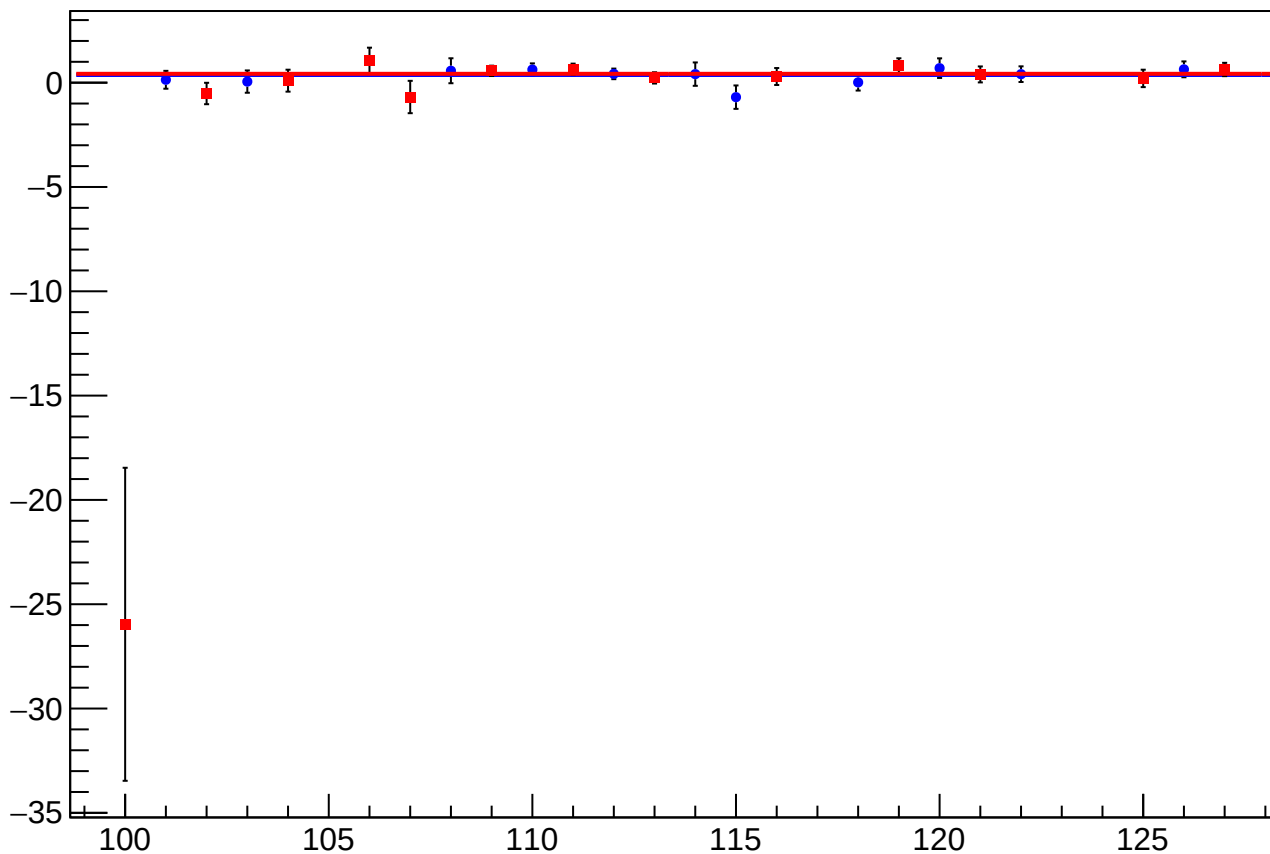
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.574 ± 0.034 χ^2/NDF : 3798.9/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_dsl_diff_bpm1X_slope vs Slug



Right In: 0.369 $\pm$ 0.120 χ^2 /NDF: 7.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.424 $\pm$ 0.105 χ^2 /NDF: 22.8/12

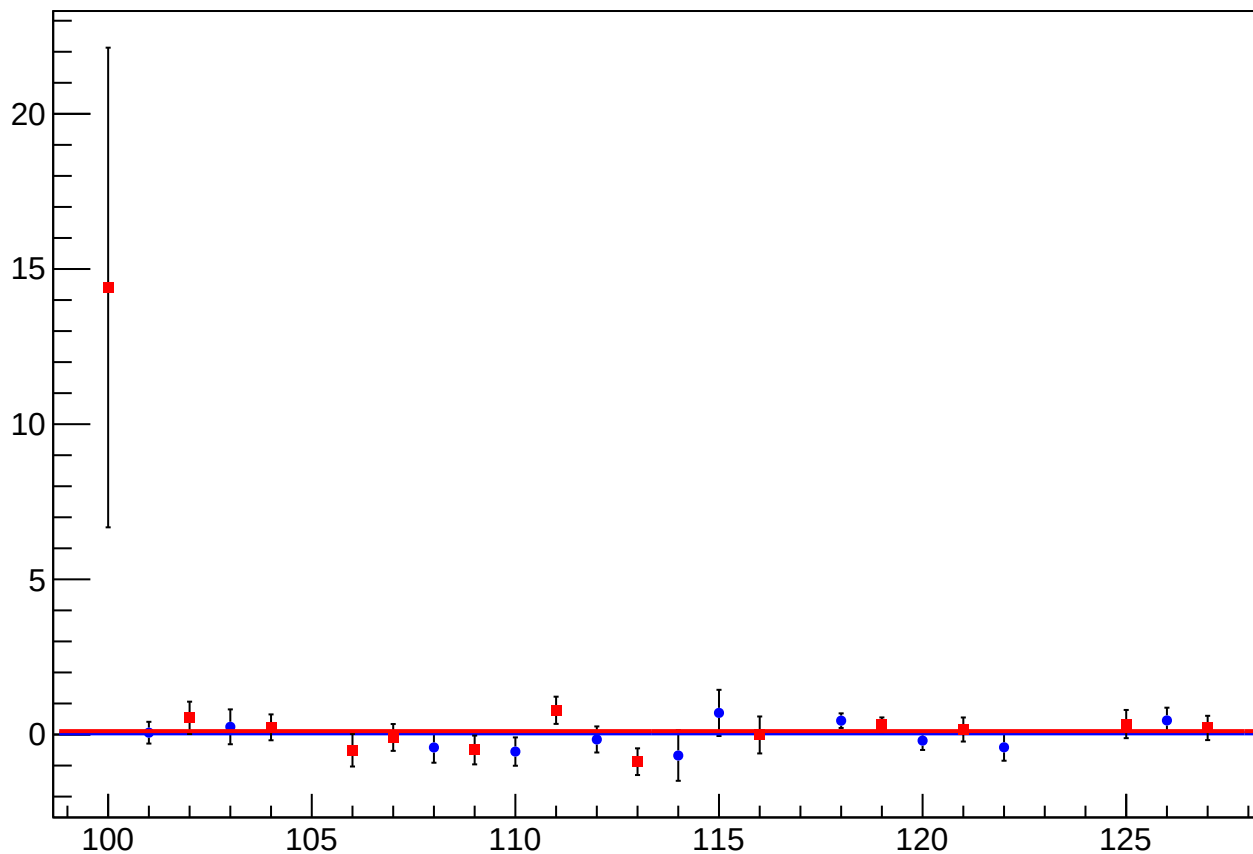
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.400 $\pm$ 0.079 χ^2 /NDF: 29.8/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.037+/-0.120 χ^2/NDF : 10.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.110+/-0.117 χ^2/NDF : 16.2/12

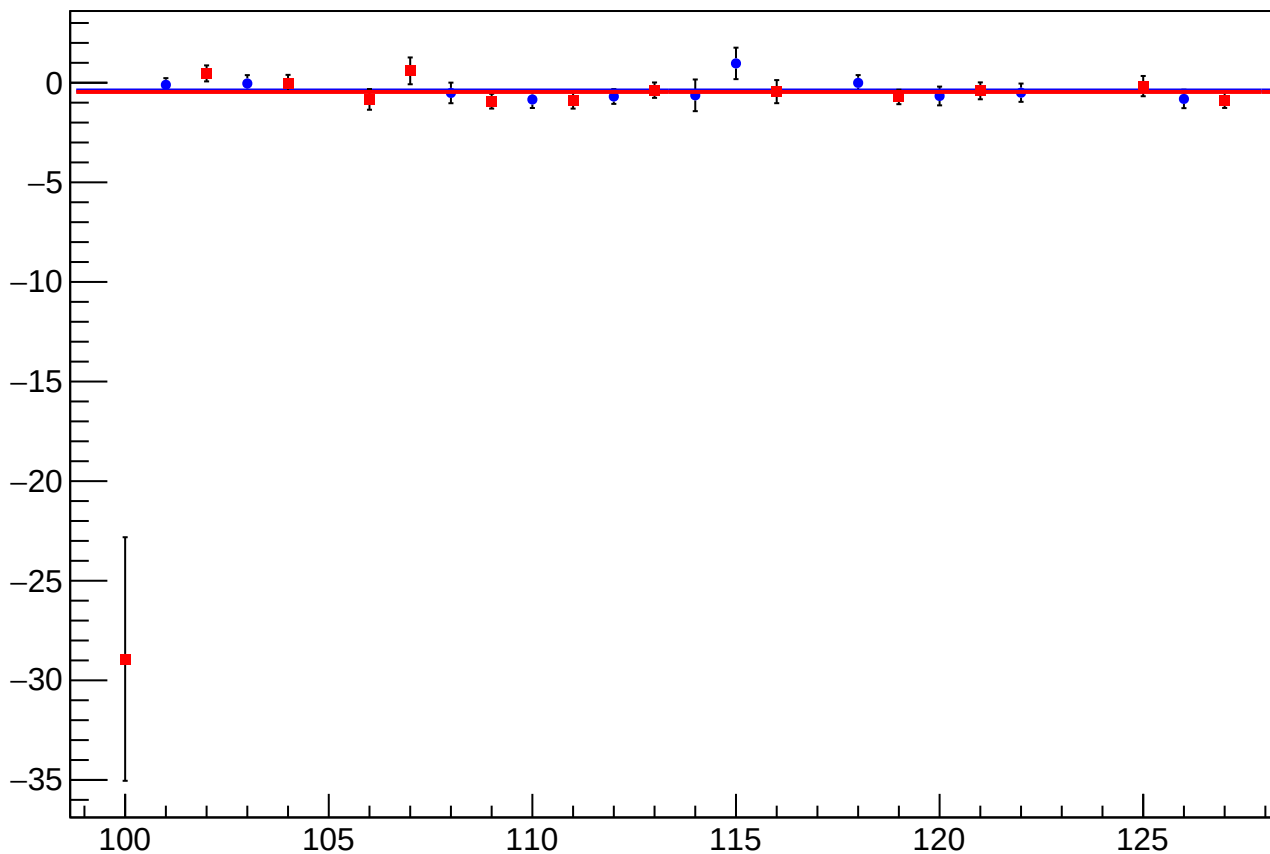
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.074+/-0.084 χ^2/NDF : 26.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: -0.389 ± 0.135 χ^2/NDF : 8.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.462 ± 0.124 χ^2/NDF : 35.9/12

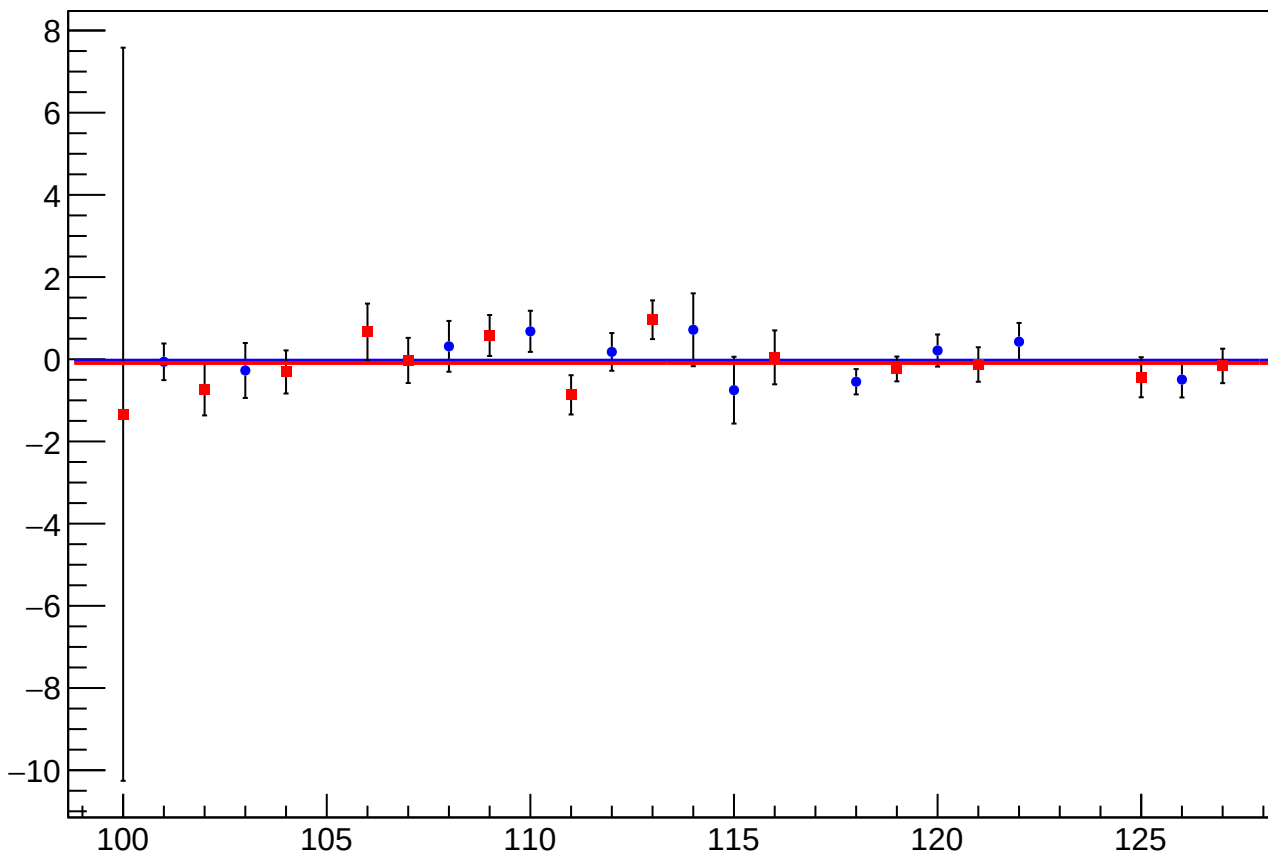
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.429 ± 0.092 χ^2/NDF : 44.5/23

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.035+/-0.143 χ^2/NDF : 9.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.089+/-0.137 χ^2/NDF : 12.7/12

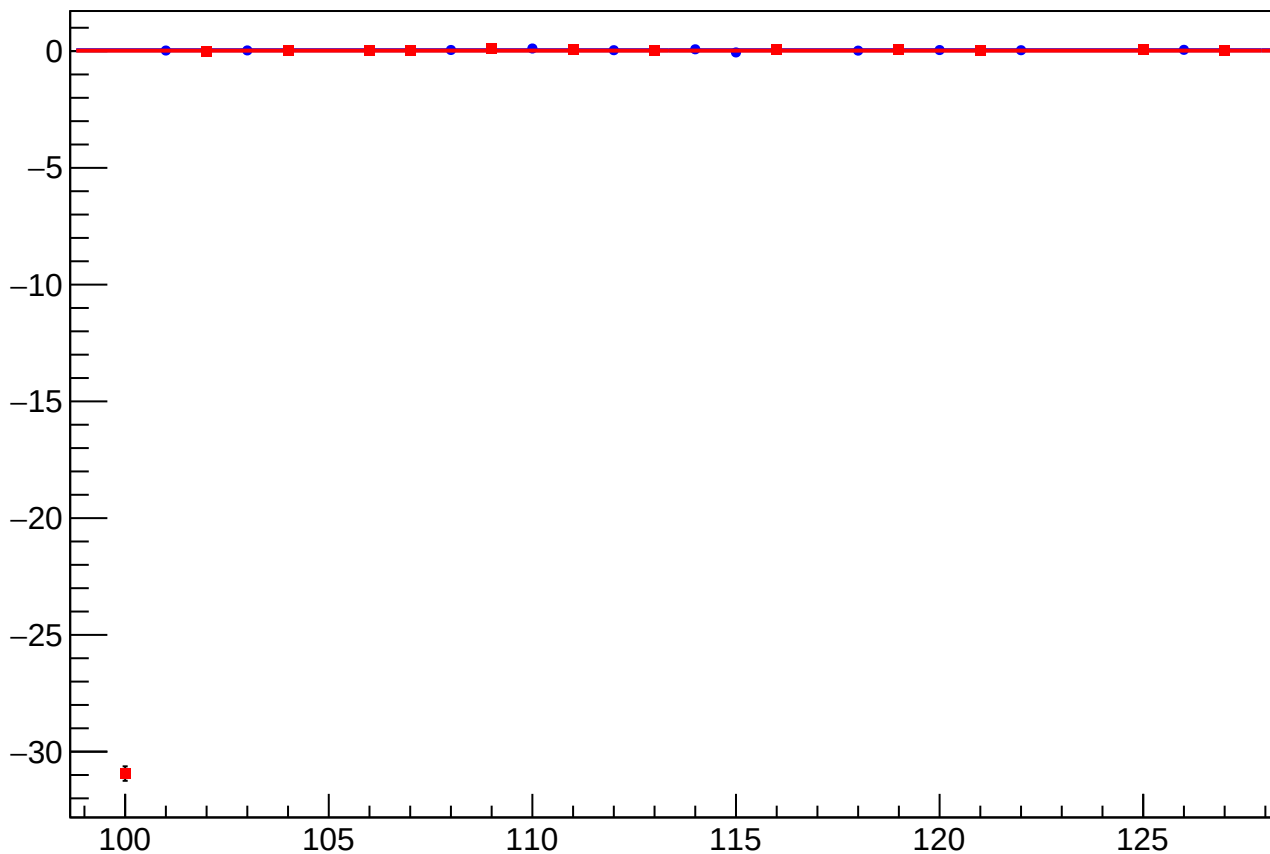
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.063+/-0.099 χ^2/NDF : 22.2/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: 0.038+/-0.008 χ^2/NDF : 8.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-0.008 χ^2/NDF : 10010.2/12

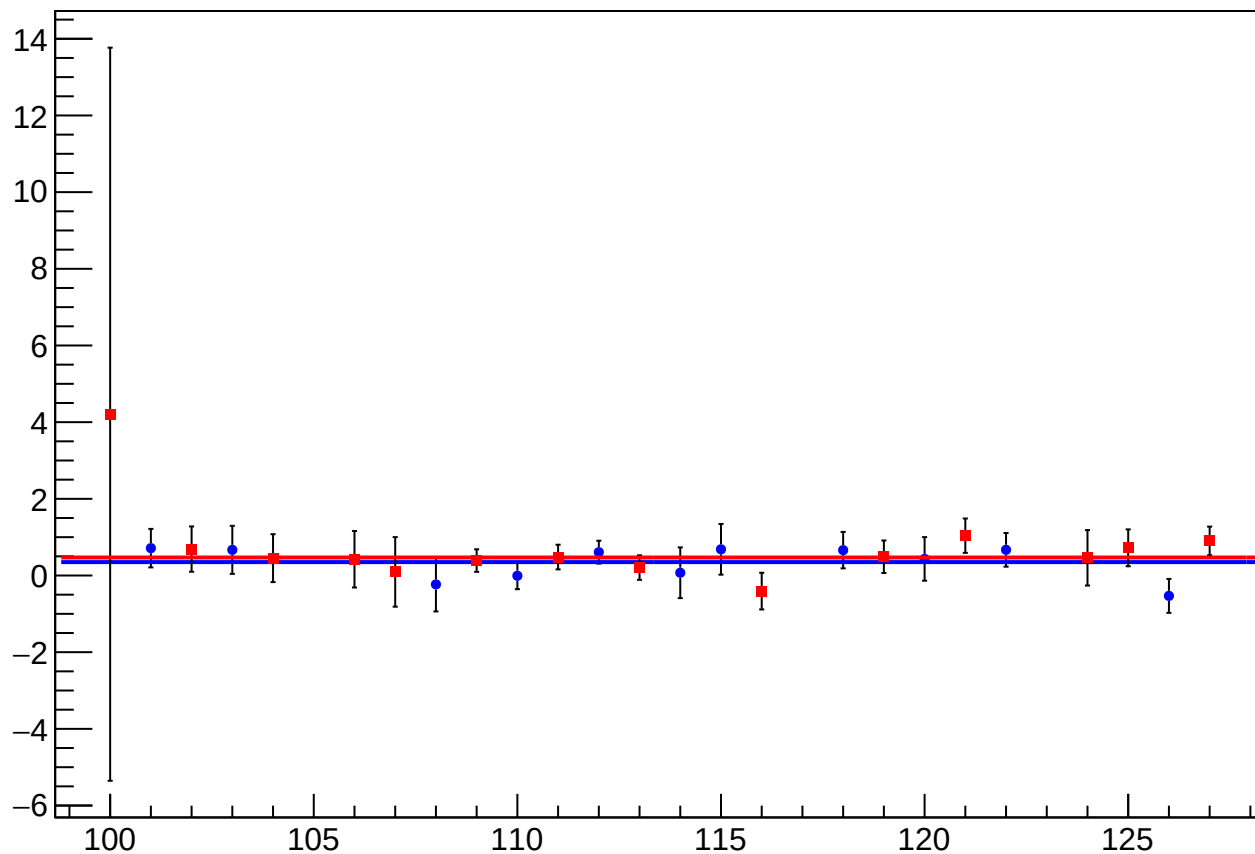
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.006 χ^2/NDF : 10021.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_dsr_diff_bpm1X_slope vs Slug



Right In: 0.350 $\pm$ 0.141 χ^2 /NDF: 8.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.469 $\pm$ 0.121 χ^2 /NDF: 7.8/13

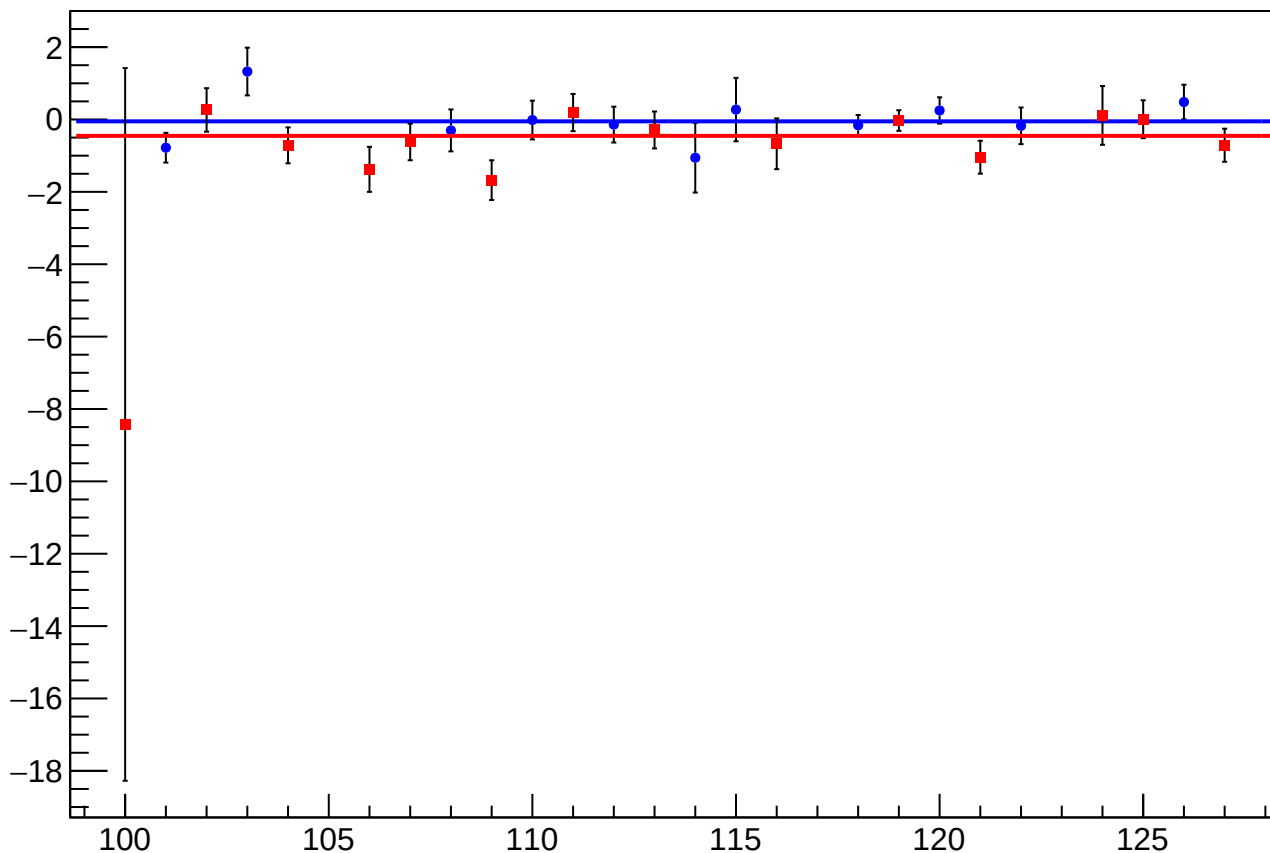
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.418 $\pm$ 0.092 χ^2 /NDF: 16.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.051 ± 0.142 χ^2/NDF : 11.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.452 ± 0.137 χ^2/NDF : 16.9/13

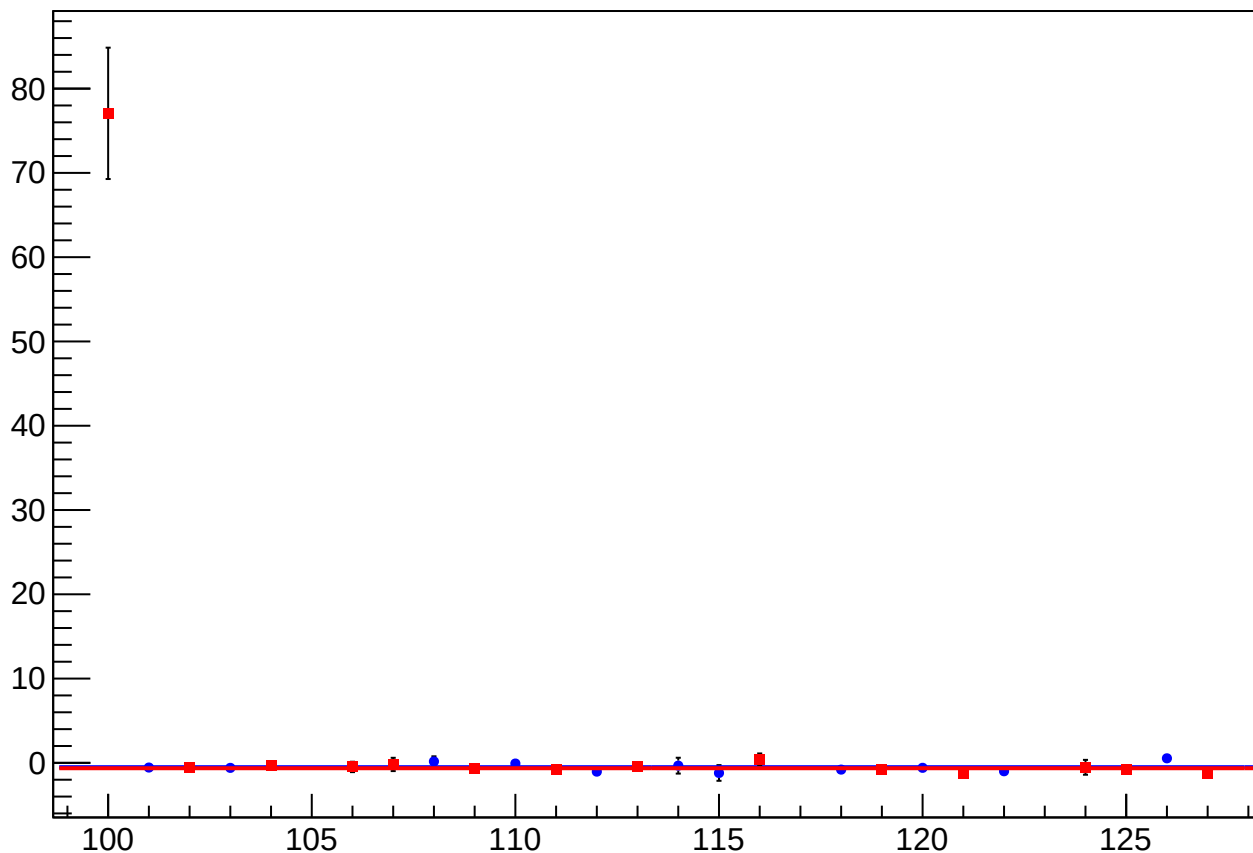
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.260 ± 0.099 χ^2/NDF : 32.1/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.513 ± 0.160 χ^2/NDF : 9.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.638 ± 0.145 χ^2/NDF : 106.4/13

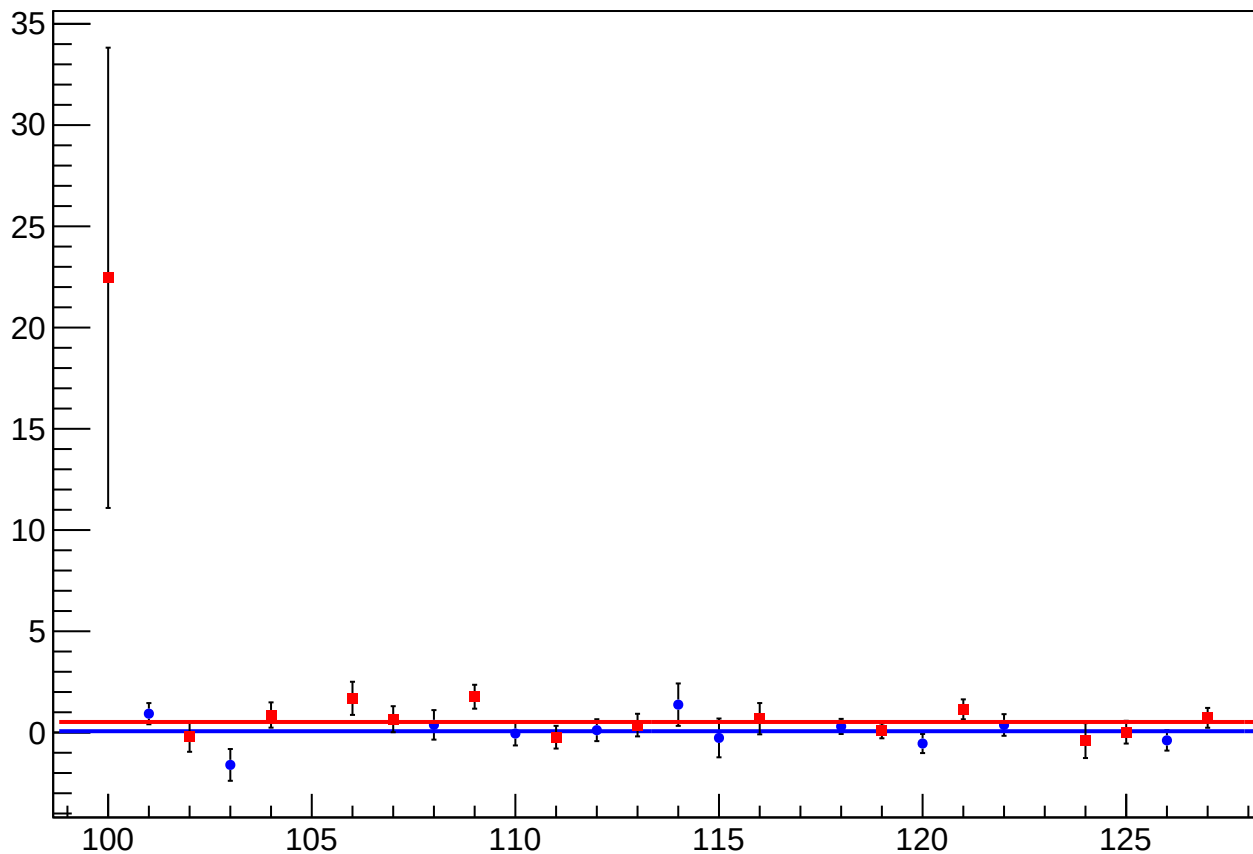
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.581 ± 0.107 χ^2/NDF : 115.8/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.064 $\pm$ 0.170 χ^2 /NDF: 12.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.521 $\pm$ 0.159 χ^2 /NDF: 18.7/13

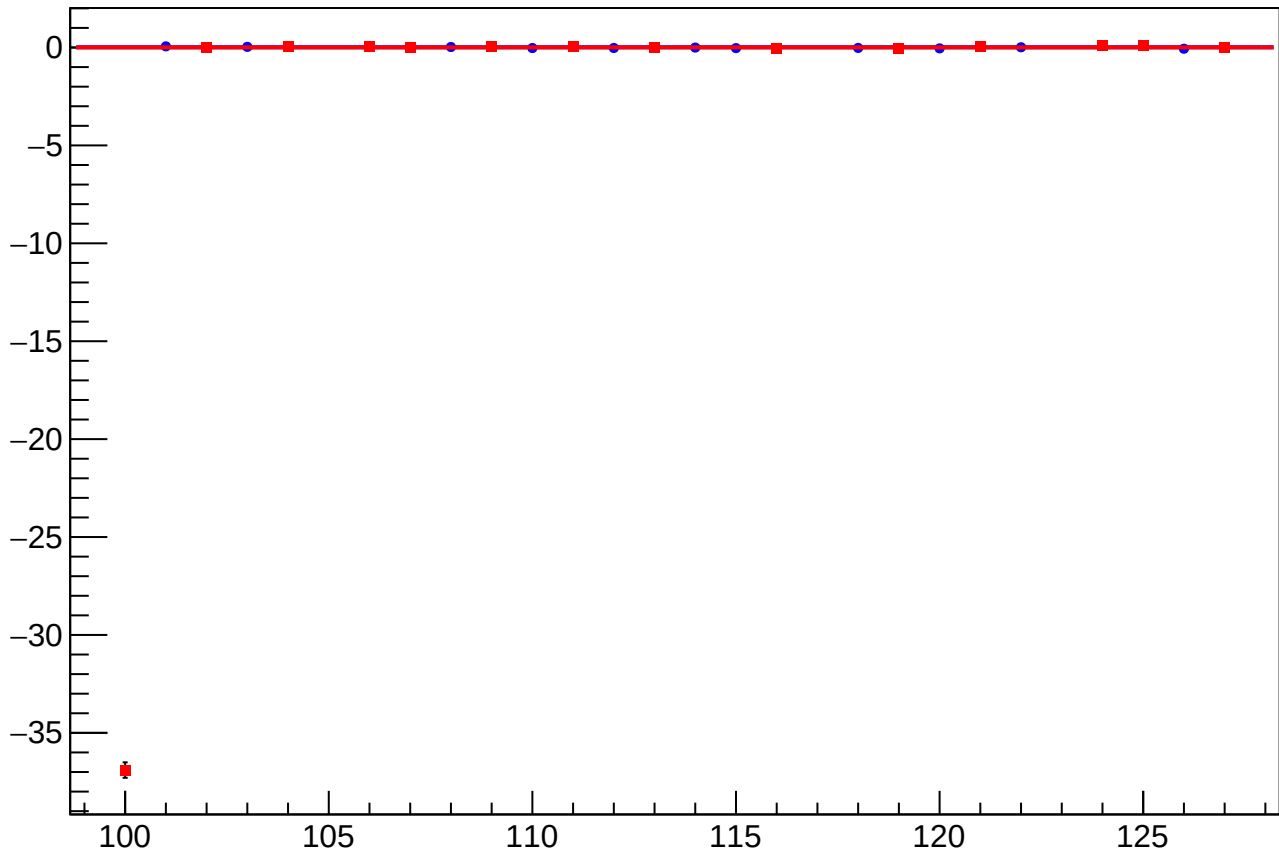
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.308 $\pm$ 0.116 χ^2 /NDF: 34.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.012 $\pm$ 0.010 χ^2 /NDF: 13.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.005 $\pm$ 0.009 χ^2 /NDF: 8749.9/13

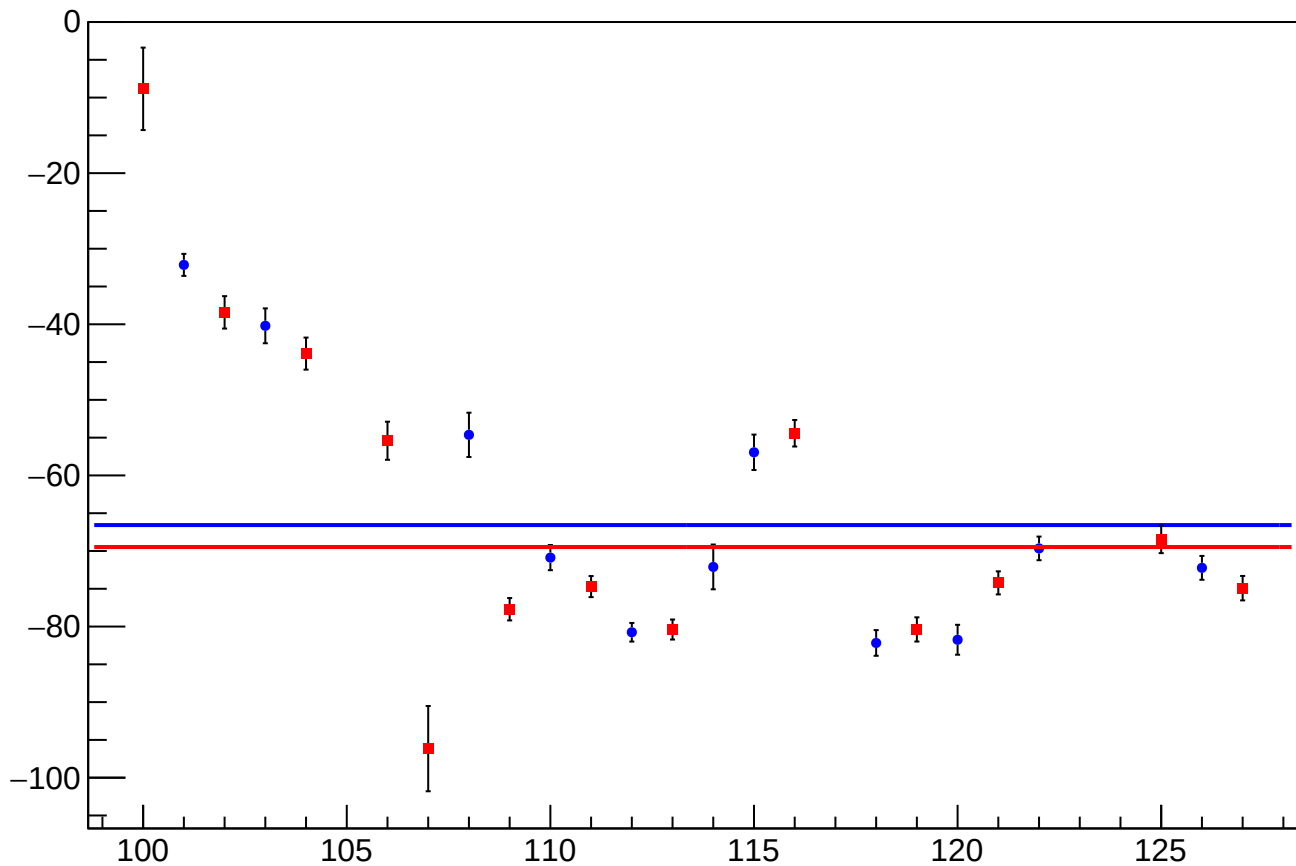
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.008 $\pm$ 0.007 χ^2 /NDF: 8763.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_diff_bpm1X_slope vs Slug



Right In: -66.570 $\pm$ 0.534 χ^2 /NDF: 1025.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -69.476 $\pm$ 0.498 χ^2 /NDF: 786.6/12

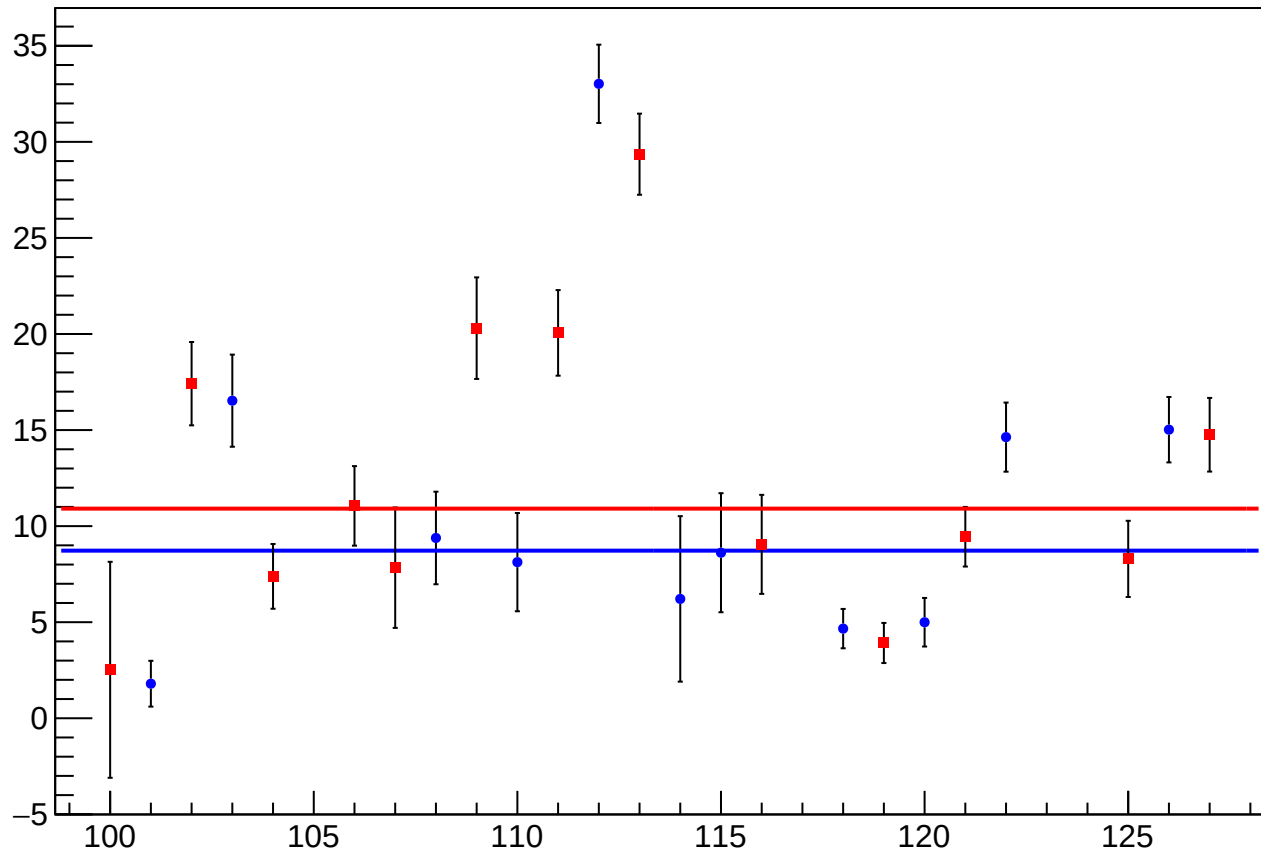
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -68.125 $\pm$ 0.364 χ^2 /NDF: 1827.7/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 8.724+/-0.511 χ^2/NDF : 235.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.911+/-0.534 χ^2/NDF : 174.5/12

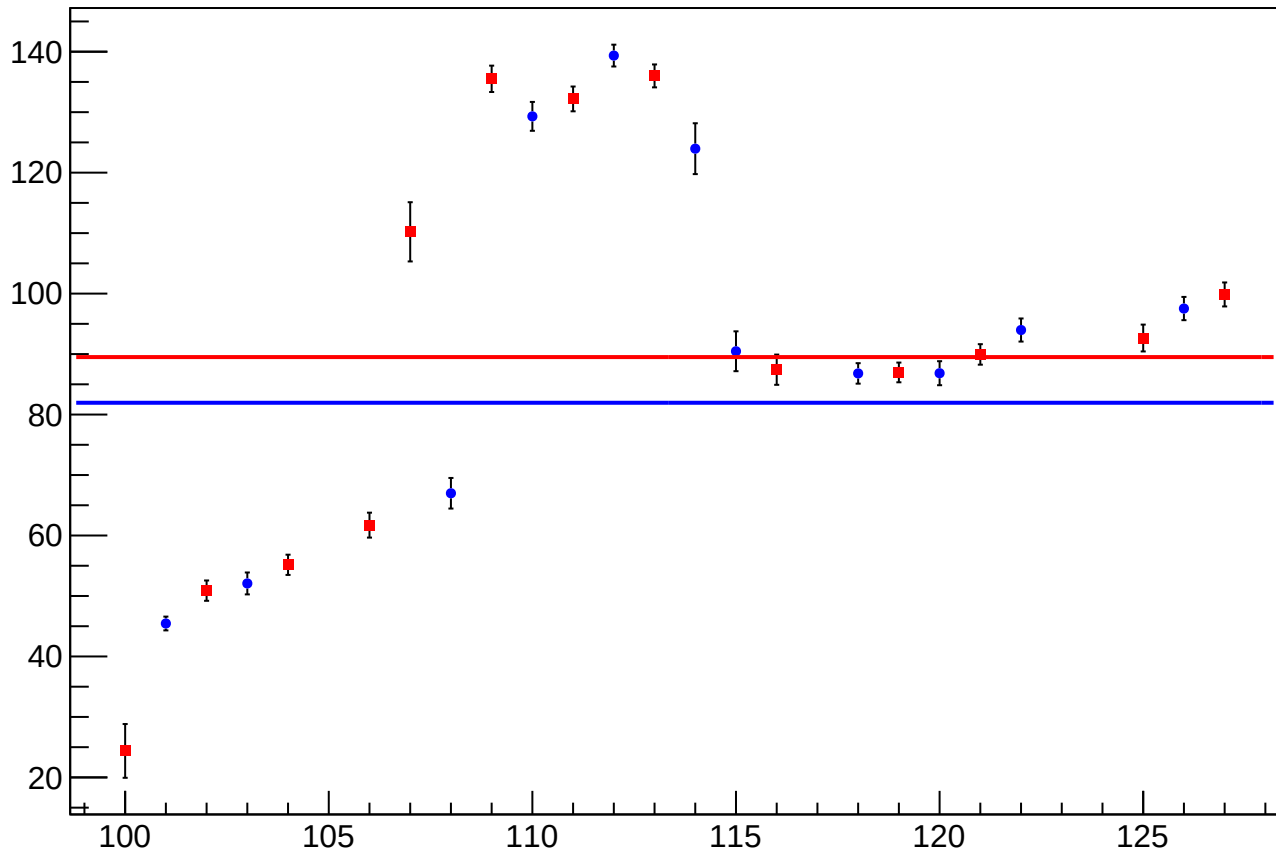
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.769+/-0.369 χ^2/NDF : 419.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 81.950+/-0.576 χ^2/NDF : 2963.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.504+/-0.567 χ^2/NDF : 2877.7/12

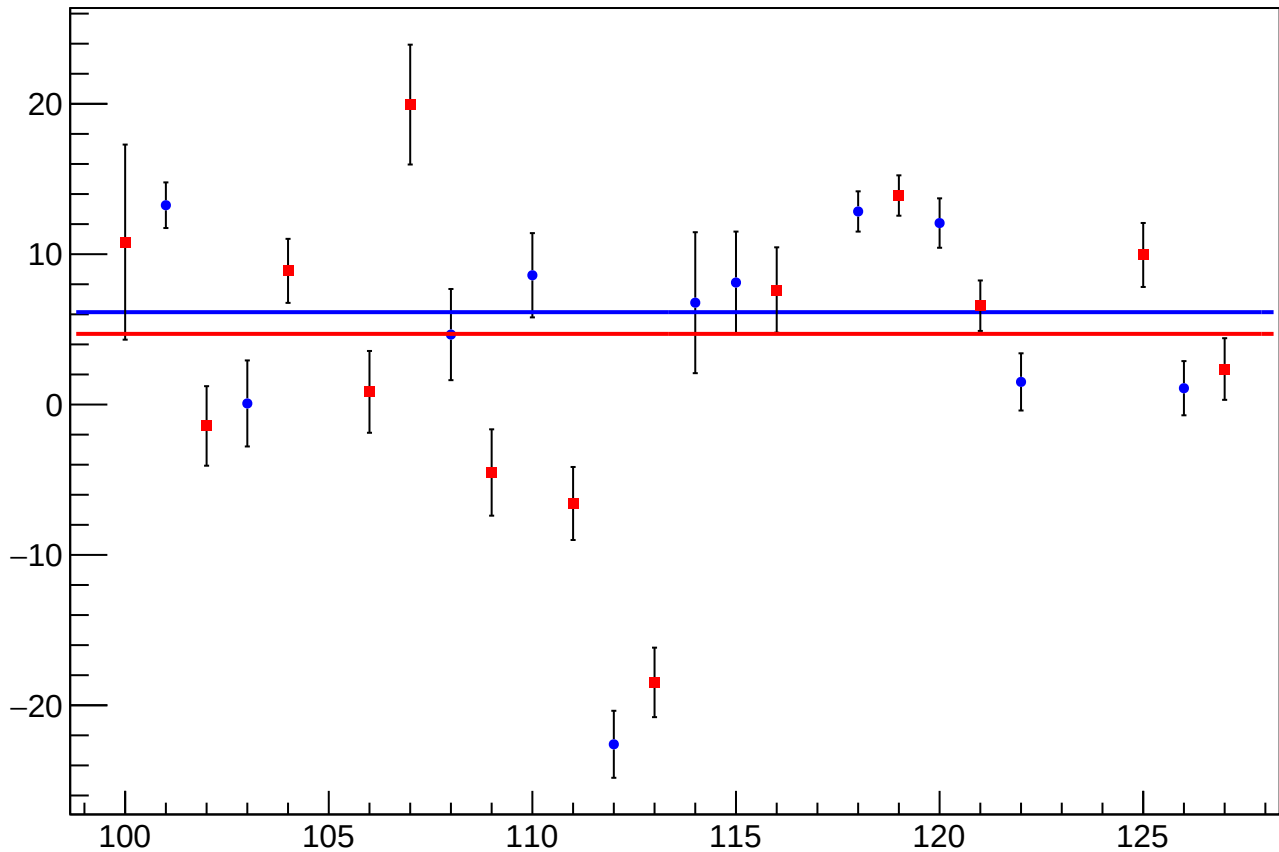
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.788+/-0.404 χ^2/NDF : 5928.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 6.144 $\pm$ 0.616 χ^2 /NDF: 246.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.700 $\pm$ 0.625 χ^2 /NDF: 215.9/12

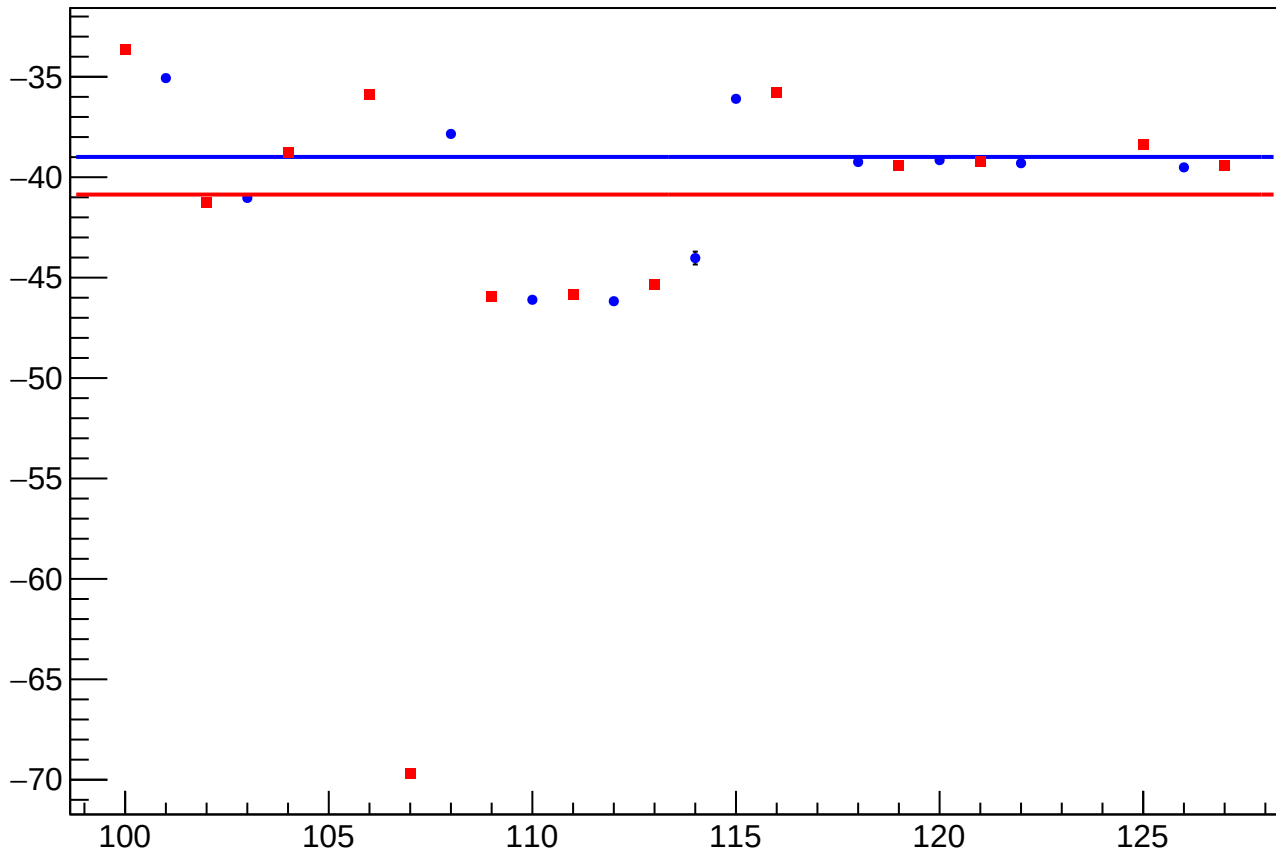
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5.434 $\pm$ 0.439 χ^2 /NDF: 464.7/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -38.990 ± 0.036 $\chi^2/\text{NDF}: 8461.4/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -40.863 ± 0.035 $\chi^2/\text{NDF}: 29707.3/12$

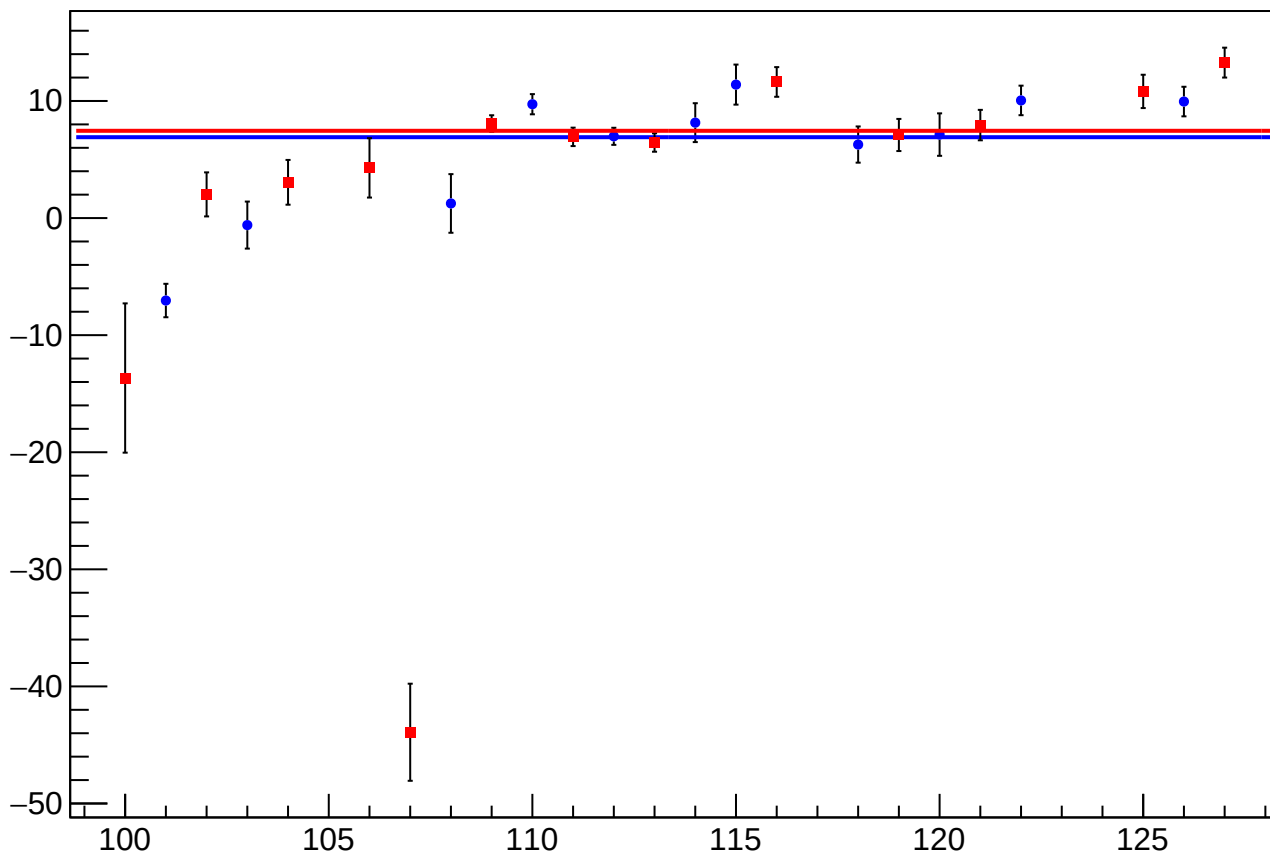
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -39.958 ± 0.025 $\chi^2/\text{NDF}: 39572.2/23$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: 6.907 $\pm$ 0.383 χ^2 /NDF: 144.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7.454 $\pm$ 0.335 χ^2 /NDF: 219.9/12

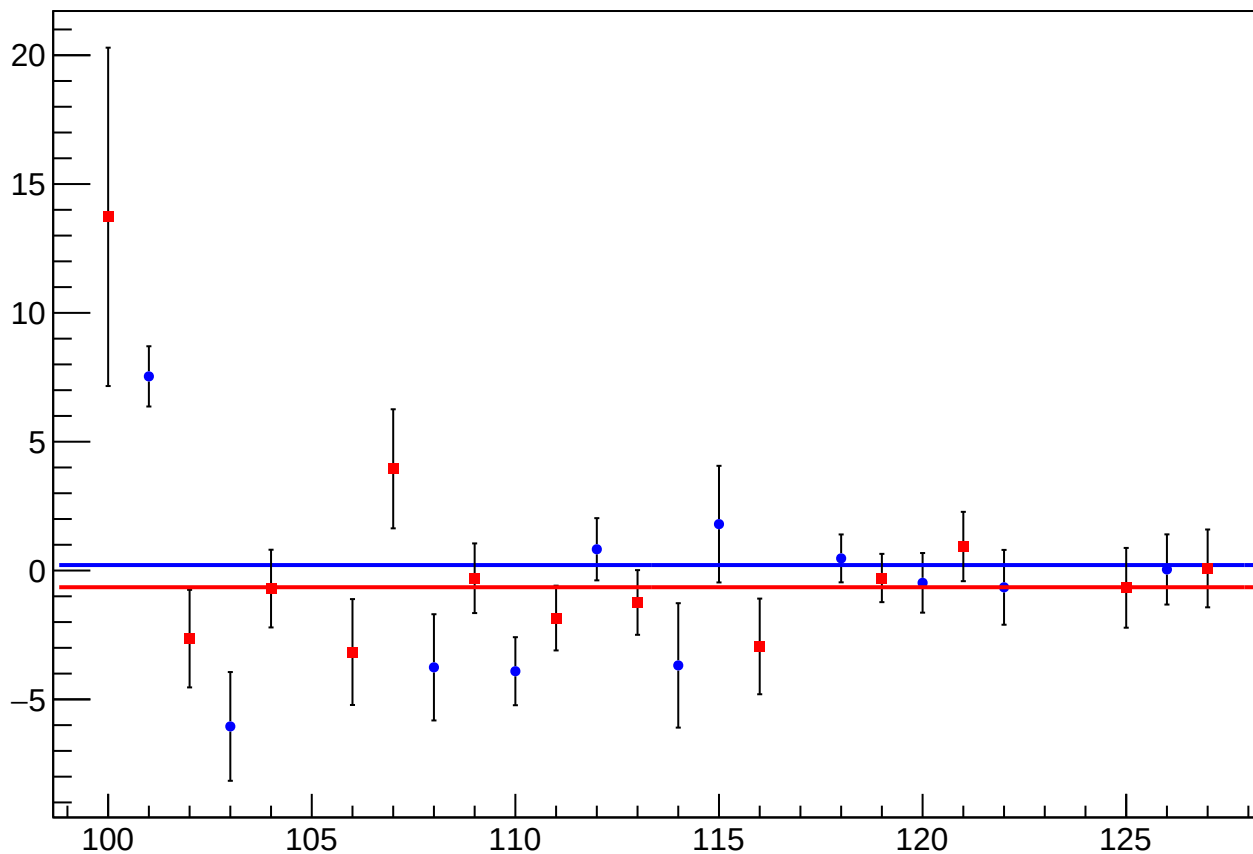
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.217 $\pm$ 0.252 χ^2 /NDF: 366.0/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.213 $\pm$ 0.418 χ^2 /NDF: 65.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.648 $\pm$ 0.415 χ^2 /NDF: 15.8/12

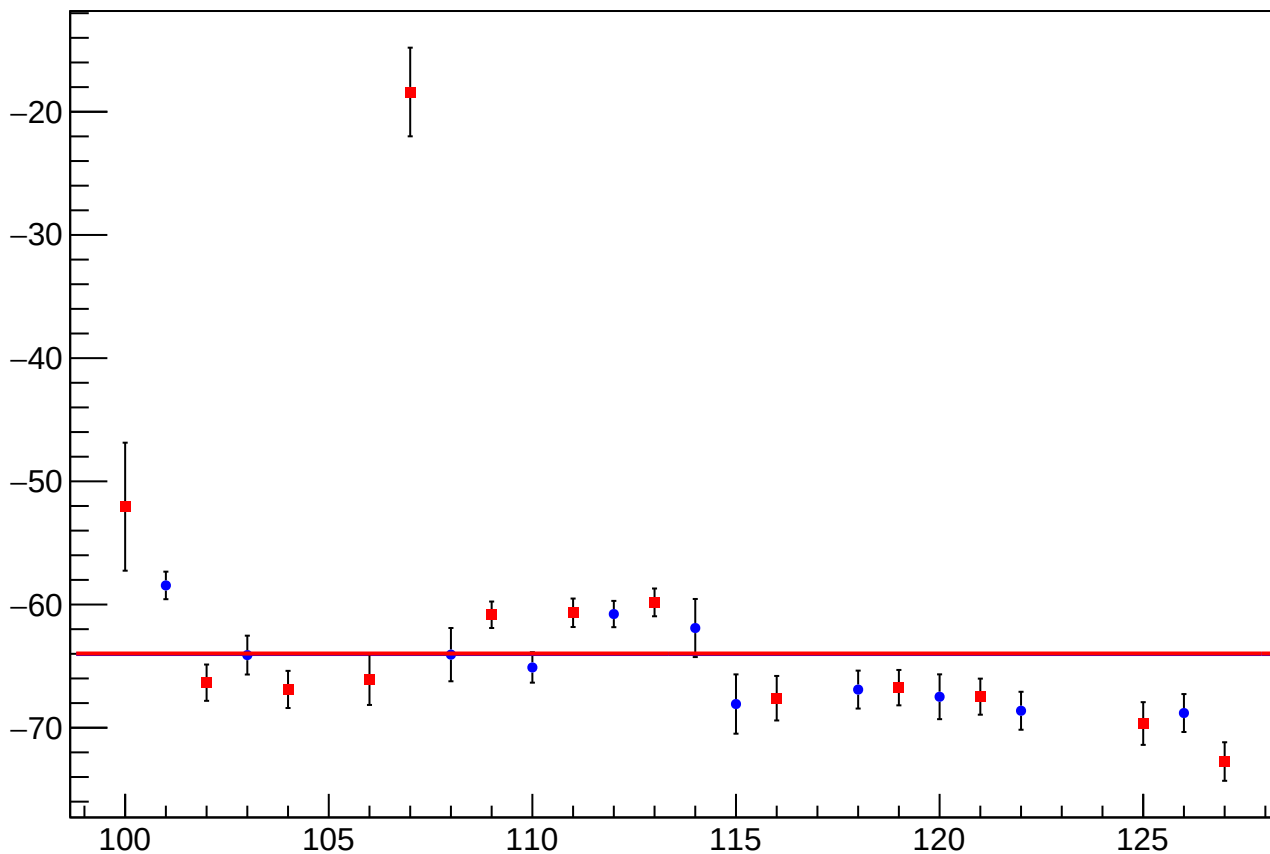
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.221 $\pm$ 0.294 χ^2 /NDF: 83.6/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -64.017 ± 0.453 χ^2/NDF : 64.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -63.975 ± 0.421 χ^2/NDF : 259.0/12

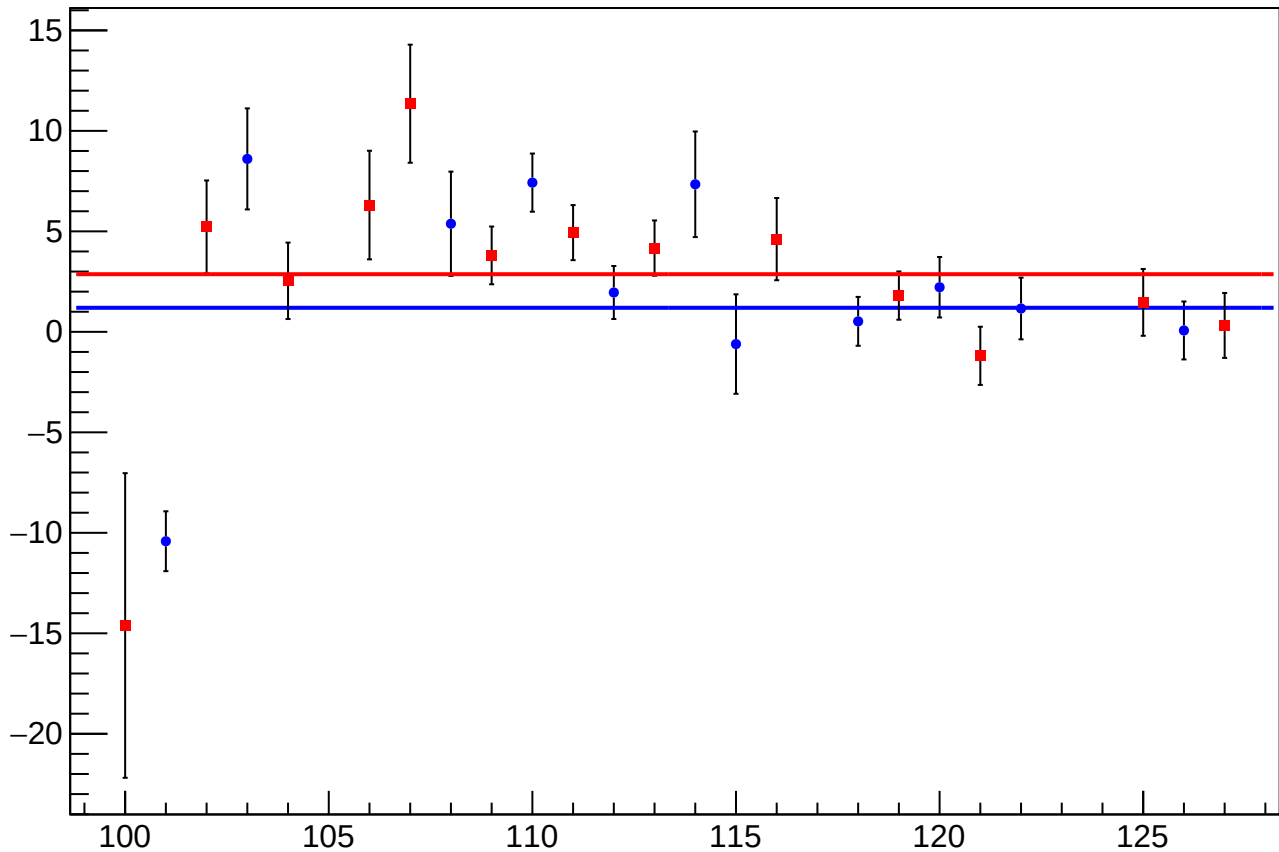
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -63.995 ± 0.308 χ^2/NDF : 323.3/23

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: 1.197 $\pm$ 0.491 χ^2 /NDF: 98.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.868 $\pm$ 0.475 χ^2 /NDF: 32.5/12

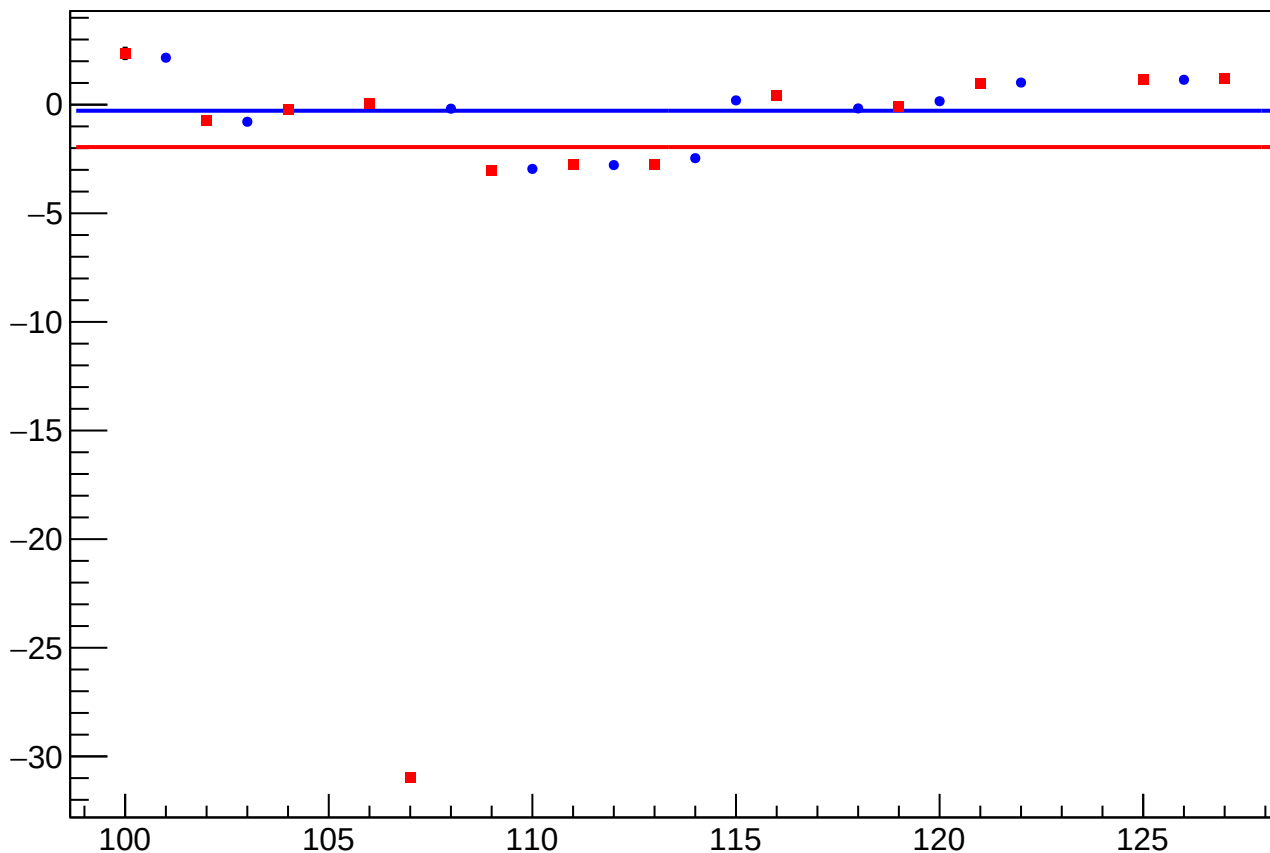
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.061 $\pm$ 0.341 χ^2 /NDF: 136.9/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: -0.279 ± 0.030 χ^2/NDF : 3405.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.951 ± 0.028 χ^2/NDF : 43683.3/12

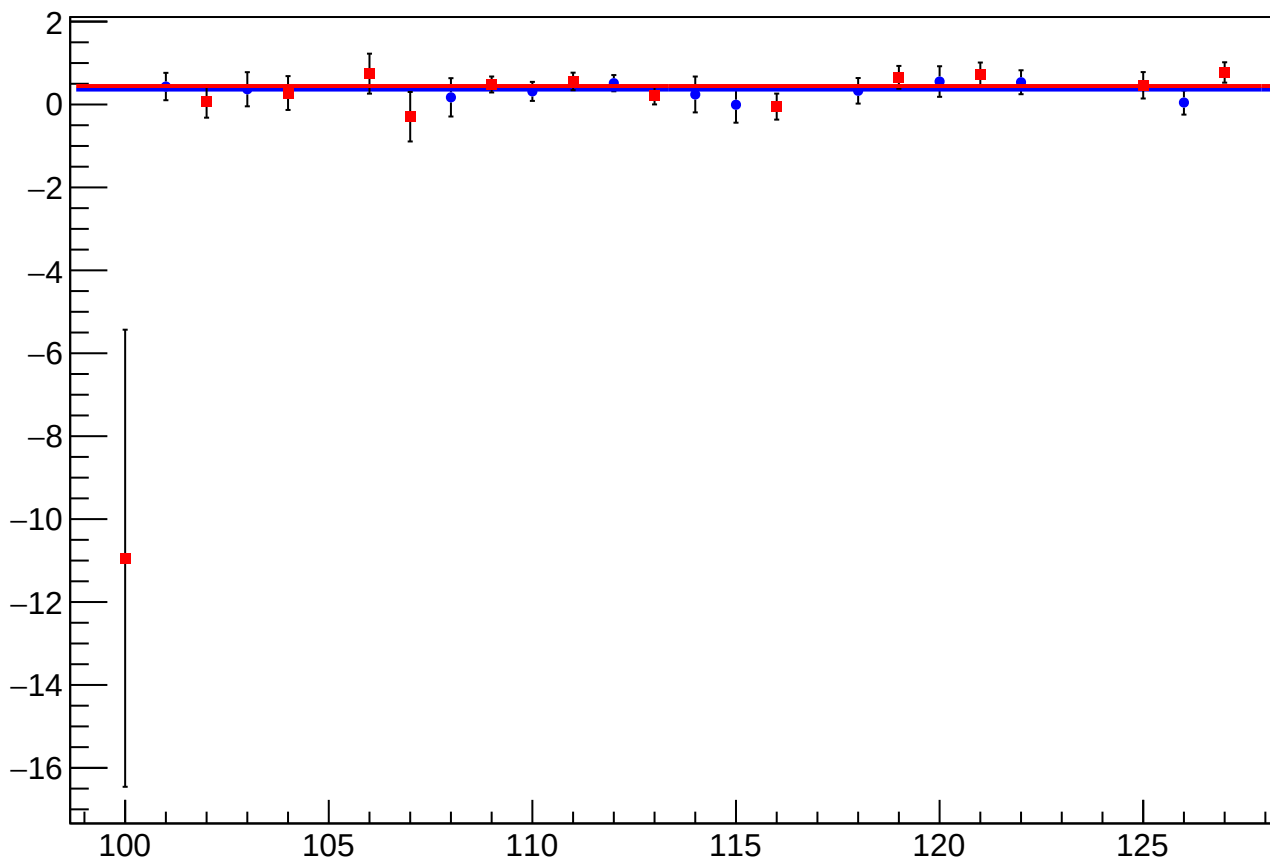
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.174 ± 0.020 χ^2/NDF : 48798.2/23

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



Right In: 0.360 $\pm$ 0.092 χ^2 /NDF: 3.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.446 $\pm$ 0.081 χ^2 /NDF: 14.6/12

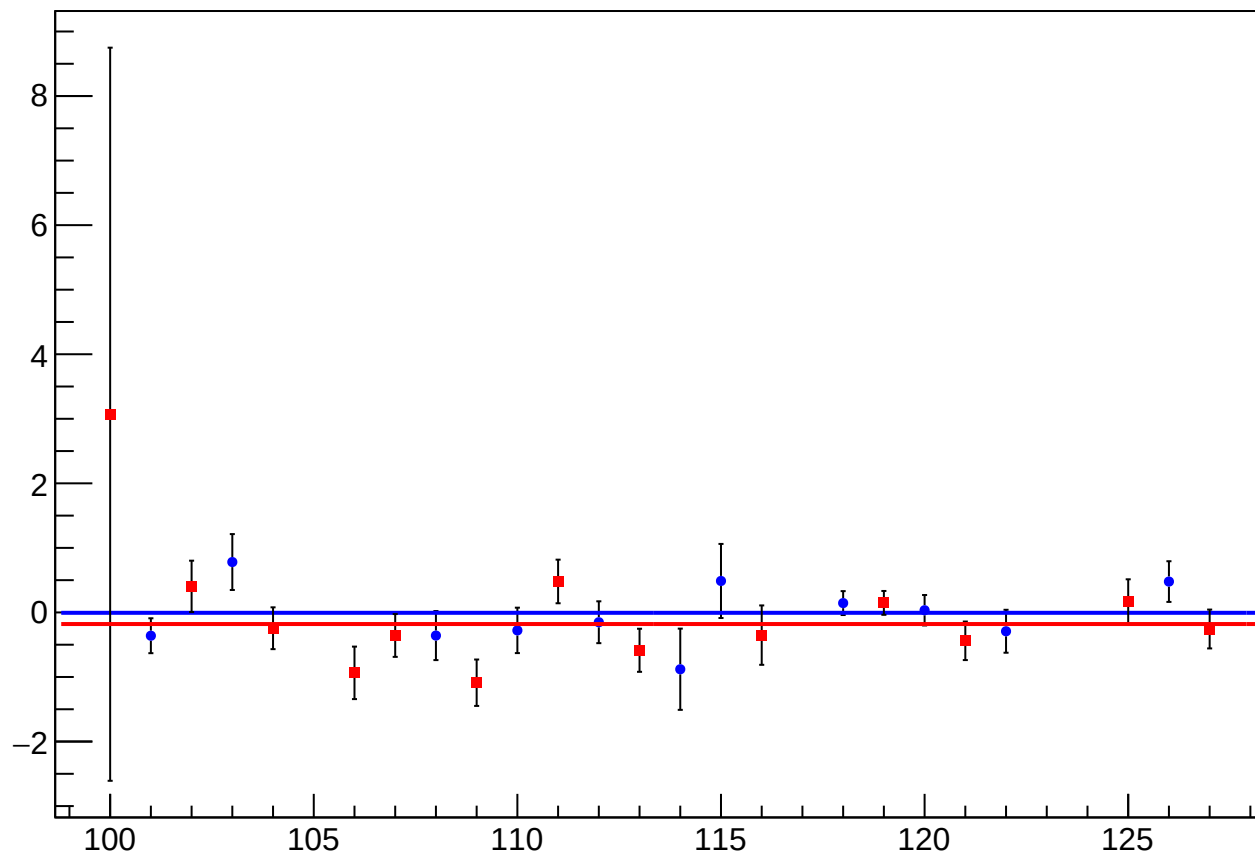
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.409 $\pm$ 0.061 χ^2 /NDF: 18.5/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.006 $\pm$ 0.093 χ^2 /NDF: 13.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.180 $\pm$ 0.091 χ^2 /NDF: 23.1/12

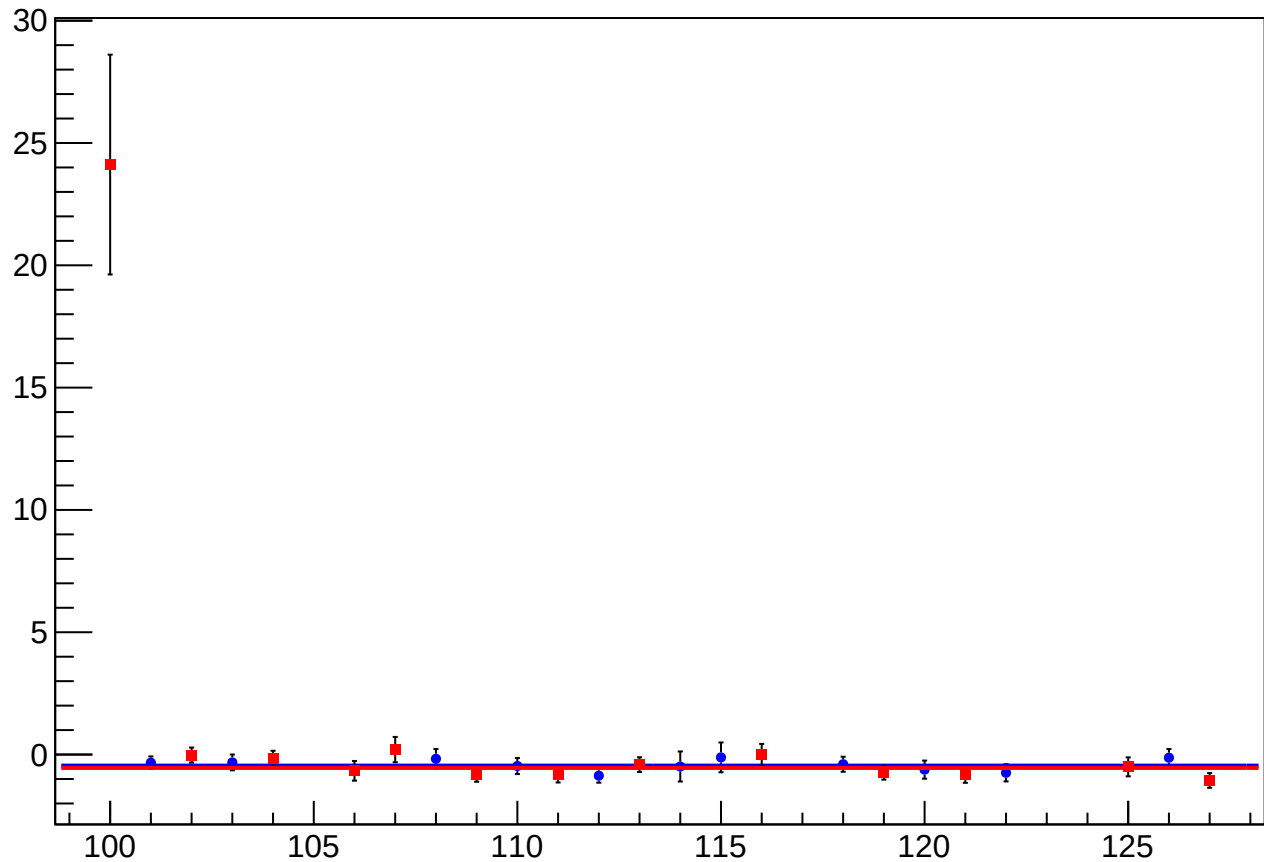
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.095 $\pm$ 0.065 χ^2 /NDF: 38.0/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: -0.452 ± 0.105 χ^2/NDF : 5.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.546 ± 0.096 χ^2/NDF : 44.1/12

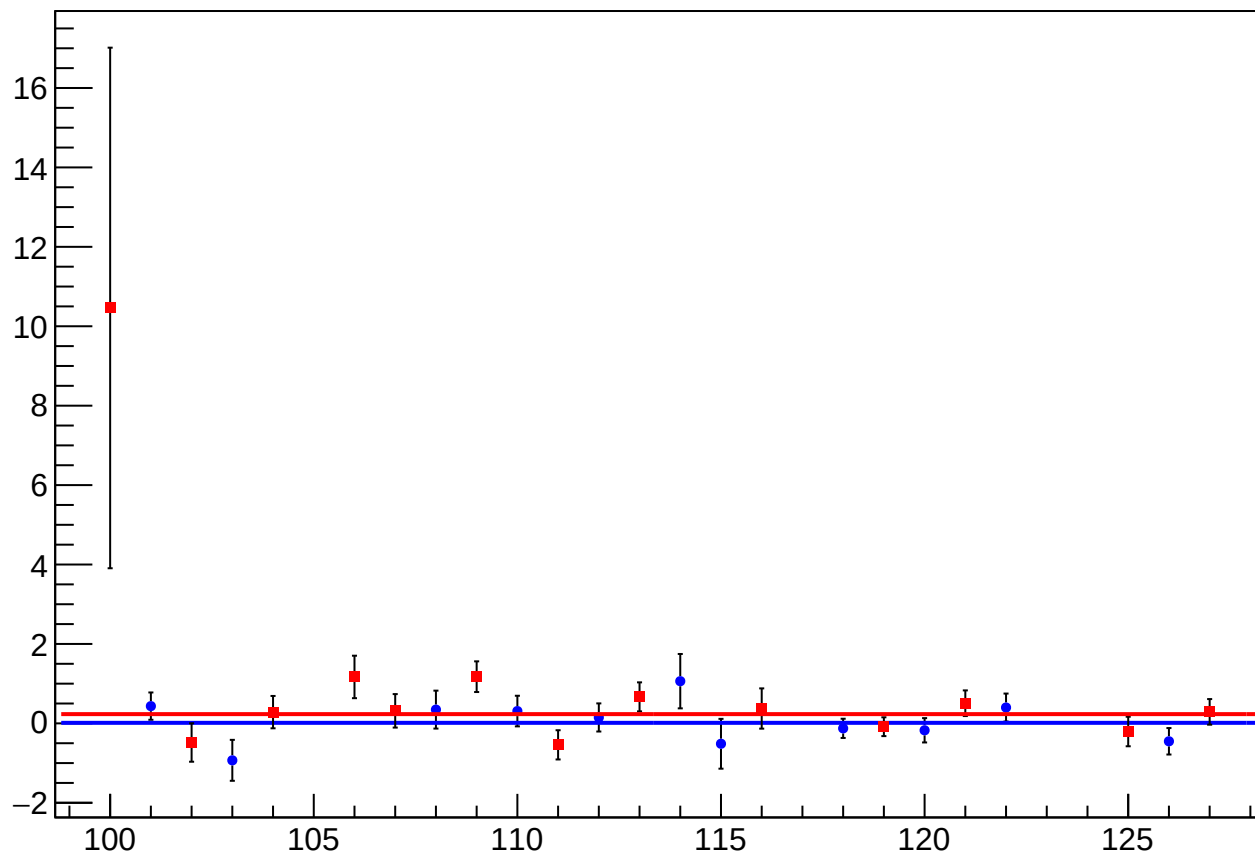
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.503 ± 0.071 χ^2/NDF : 49.6/23

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.013 $\pm$ 0.111 χ^2/NDF : 13.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.233 $\pm$ 0.106 χ^2/NDF : 23.5/12

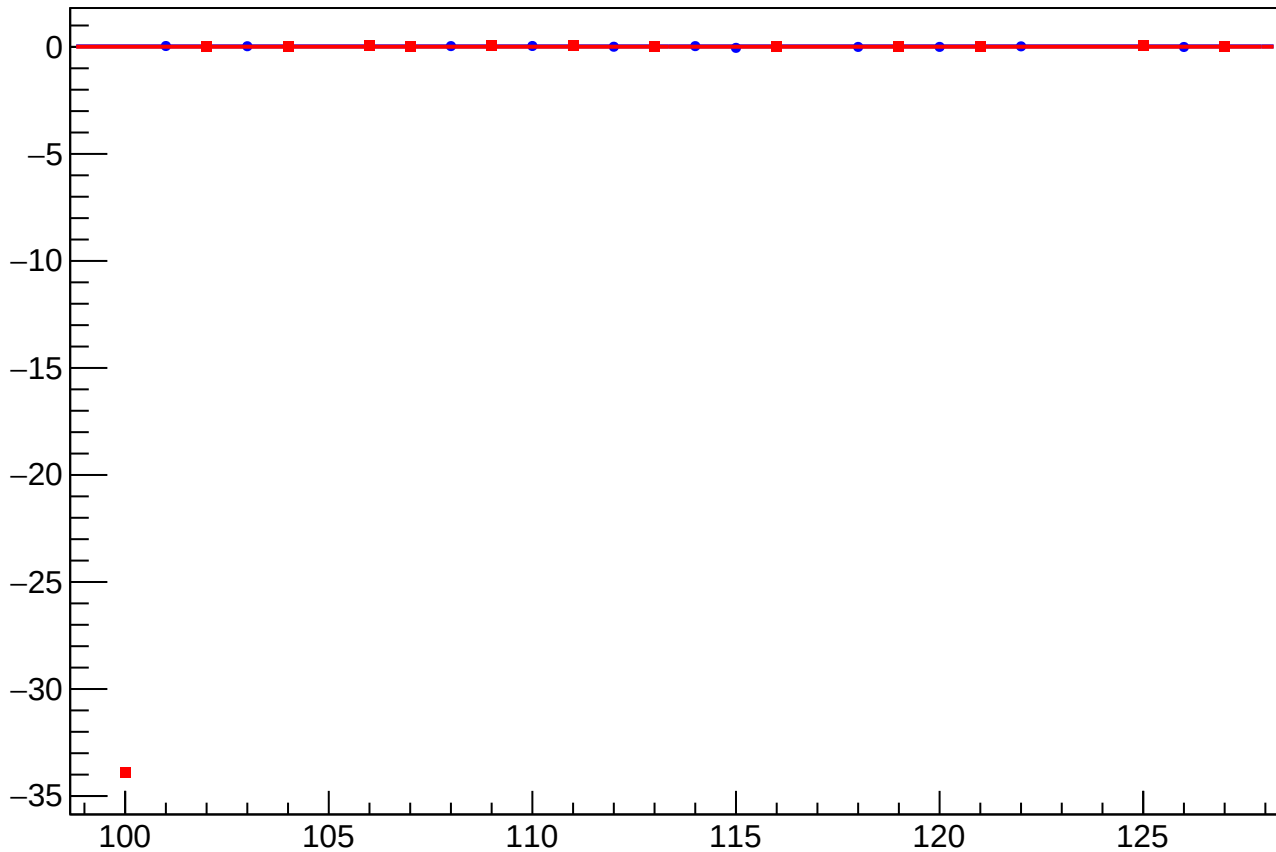
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.129 $\pm$ 0.077 χ^2/NDF : 38.5/23

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: 0.025 $\pm$ 0.007 χ^2 /NDF: 8.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.008 $\pm$ 0.006 χ^2 /NDF: 22258.1/12

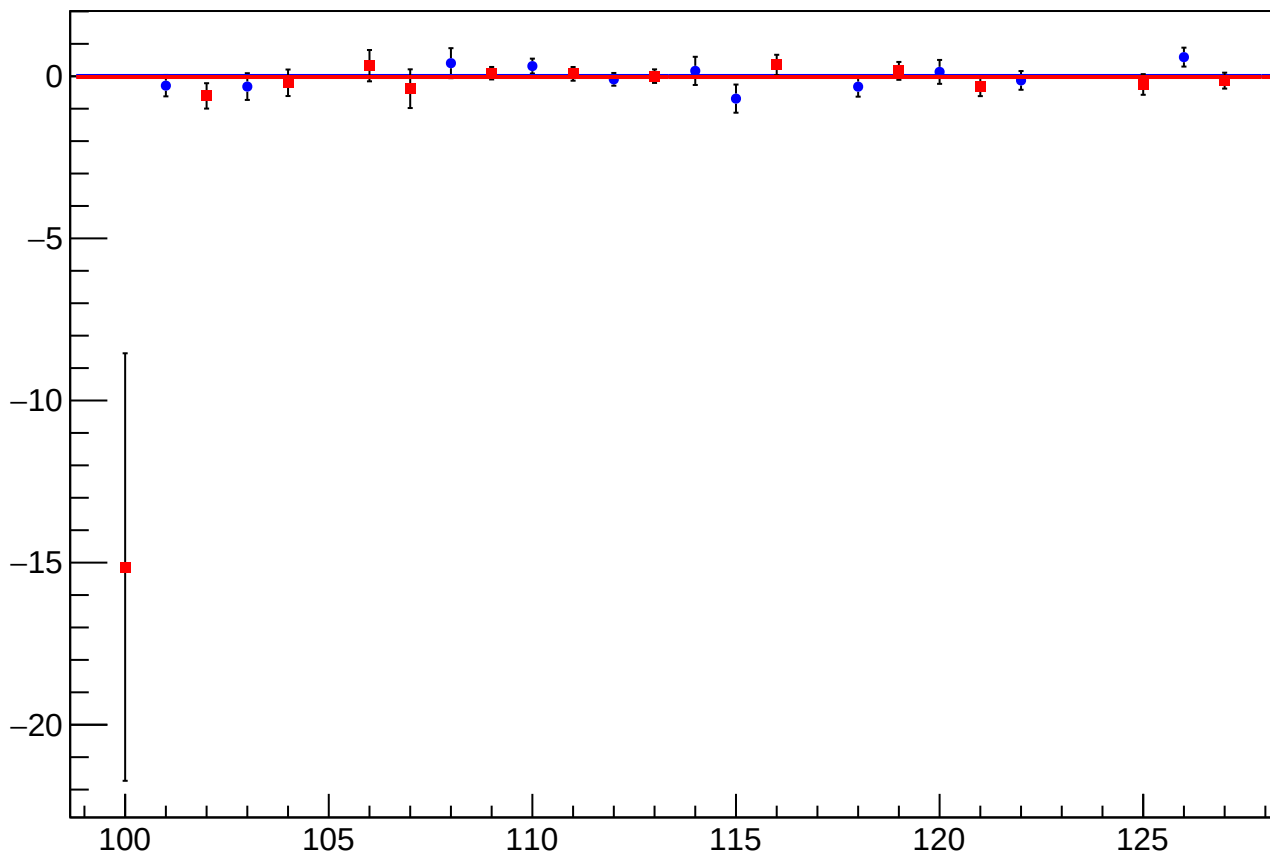
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.016 $\pm$ 0.004 χ^2 /NDF: 22269.9/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



Right In: 0.009 $\pm$ 0.092 χ^2 /NDF: 12.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.023 $\pm$ 0.081 χ^2 /NDF: 12.8/12

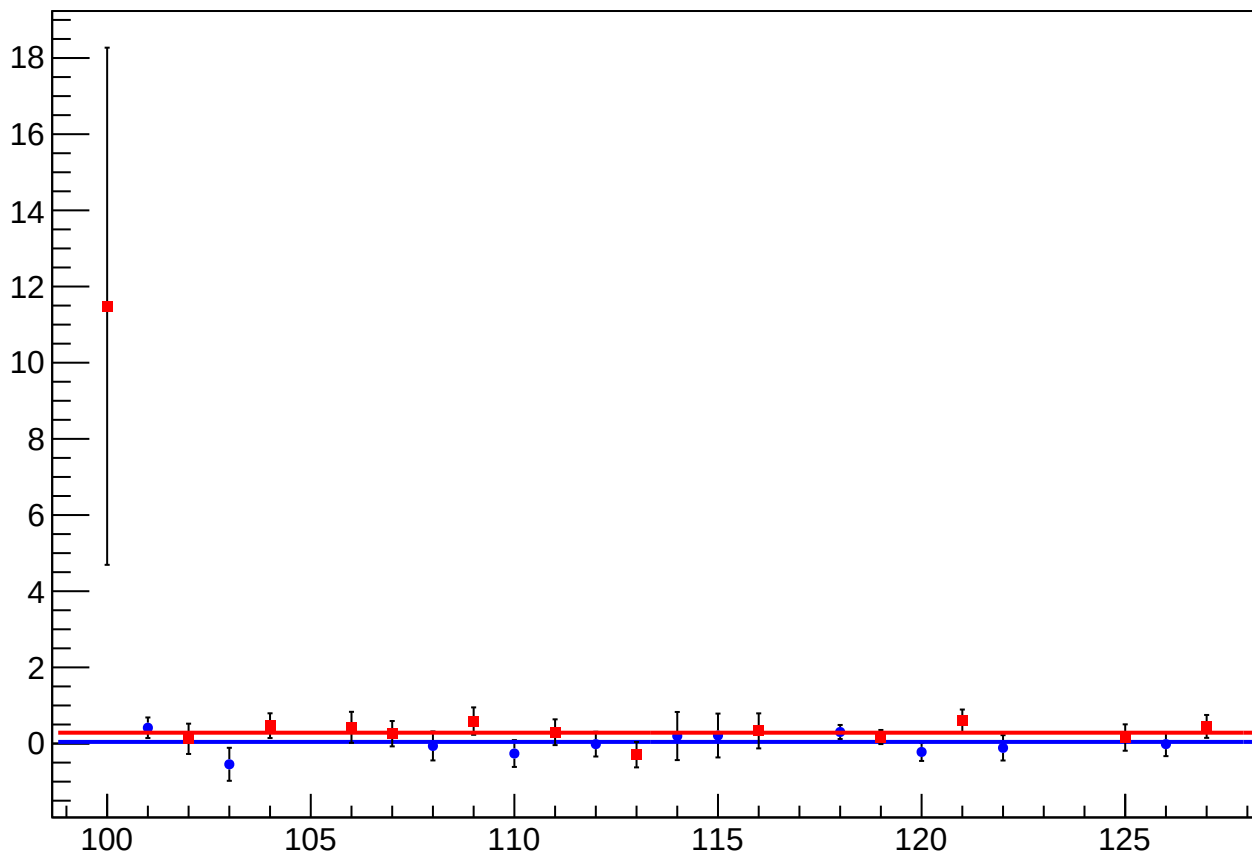
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.009 $\pm$ 0.061 χ^2 /NDF: 25.2/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.043+/-0.093 χ^2/NDF : 8.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.285+/-0.091 χ^2/NDF : 8.9/12

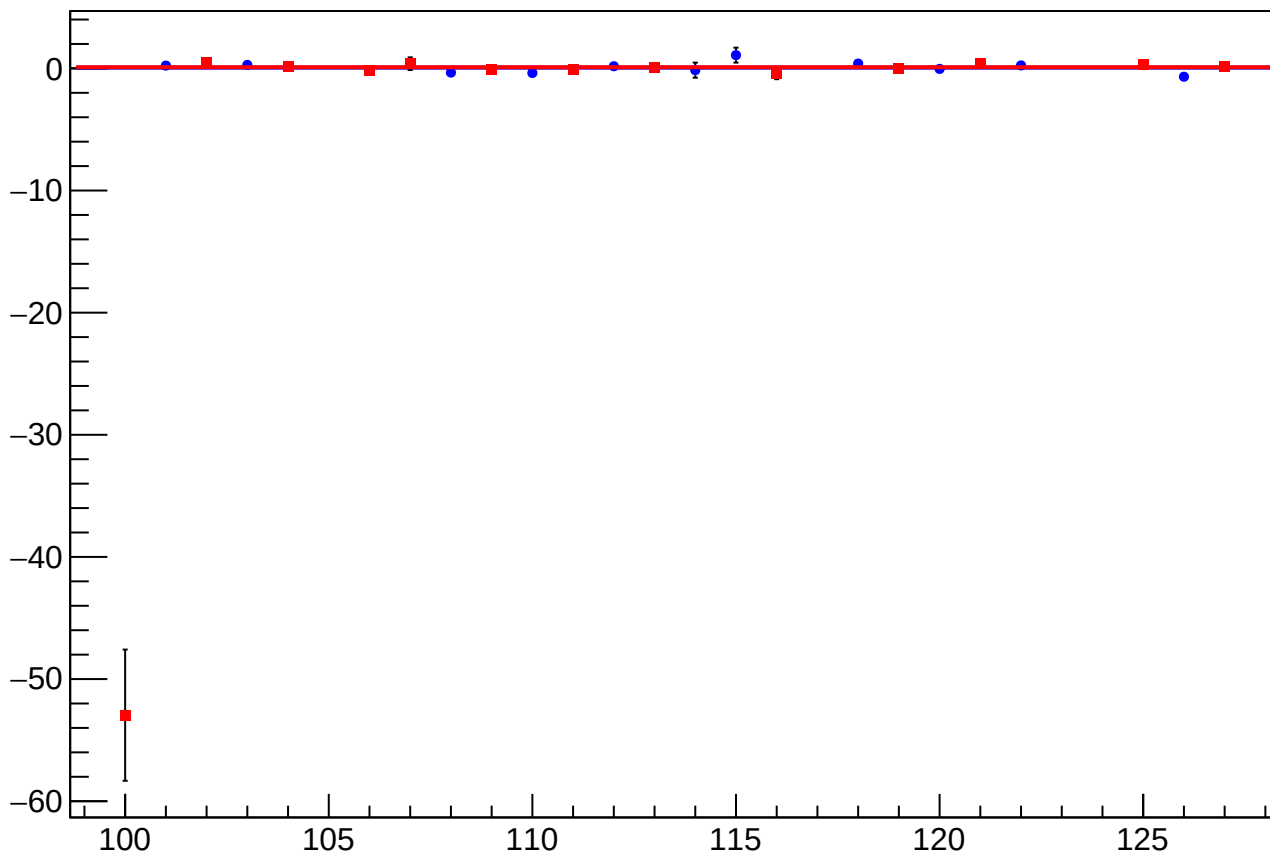
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.167+/-0.065 χ^2/NDF : 20.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.062 $\pm$ 0.105 χ^2 /NDF: 12.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.094 $\pm$ 0.096 χ^2 /NDF: 103.7/12

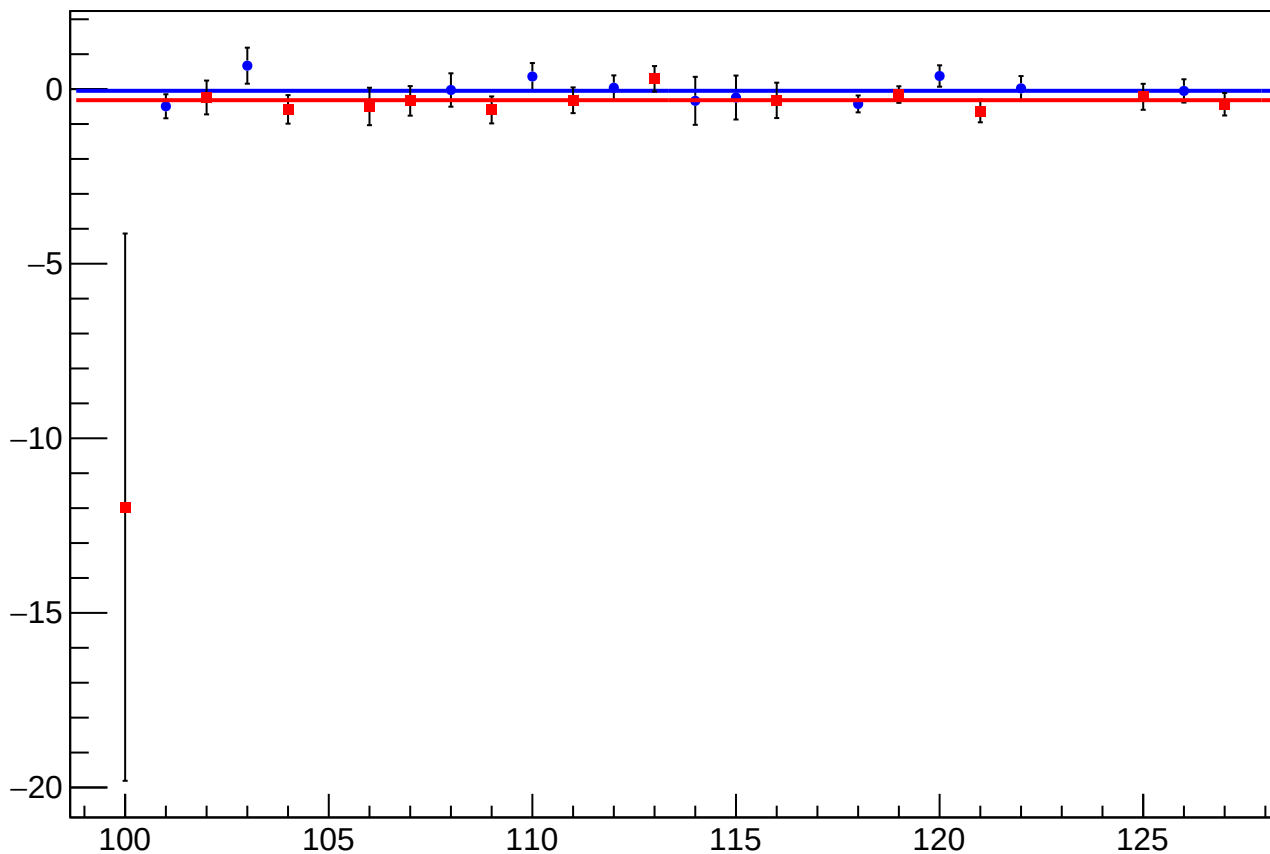
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.080 $\pm$ 0.071 χ^2 /NDF: 116.4/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.048+/-0.111 χ^2/NDF : 9.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.317+/-0.106 χ^2/NDF : 7.7/12

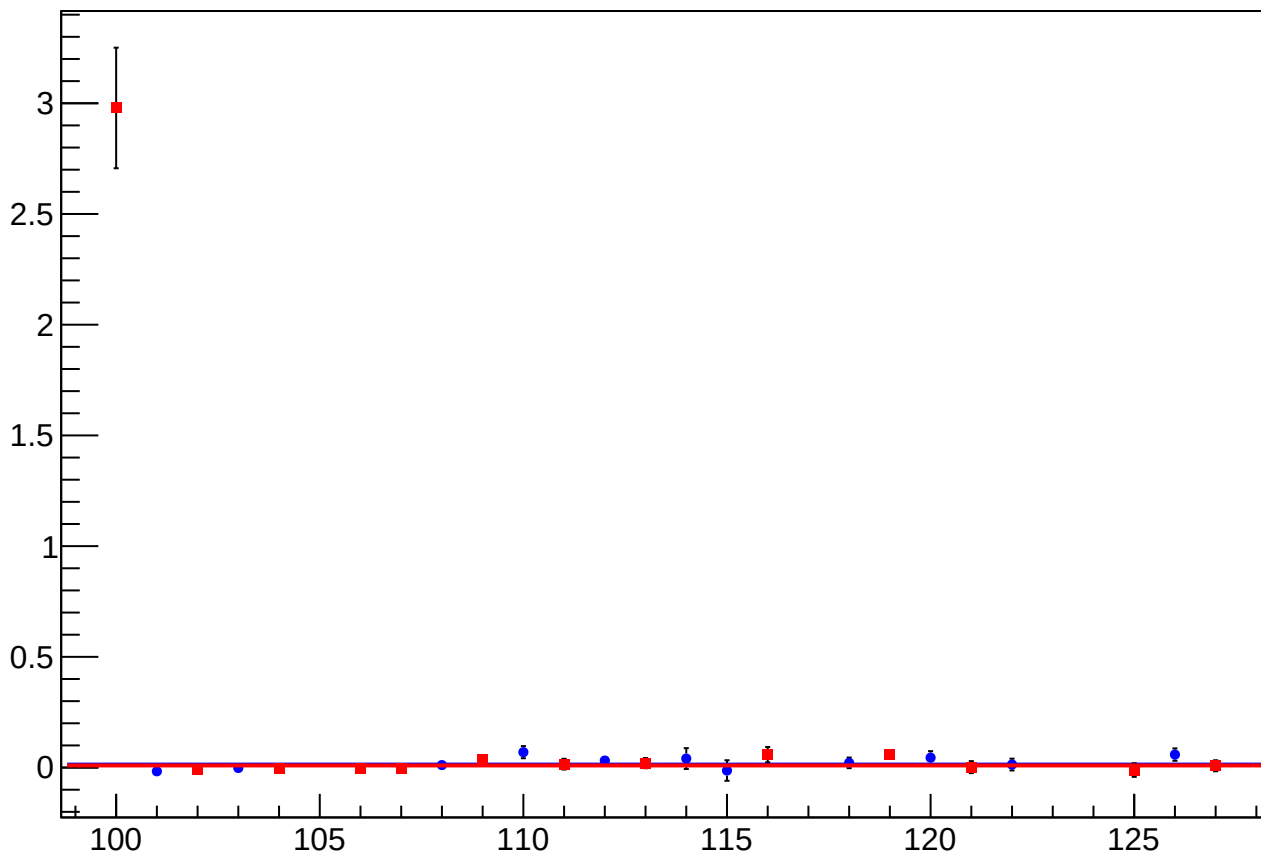
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.189+/-0.077 χ^2/NDF : 20.2/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: 0.013+/-0.007 χ^2/NDF : 14.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.006 χ^2/NDF : 131.5/12

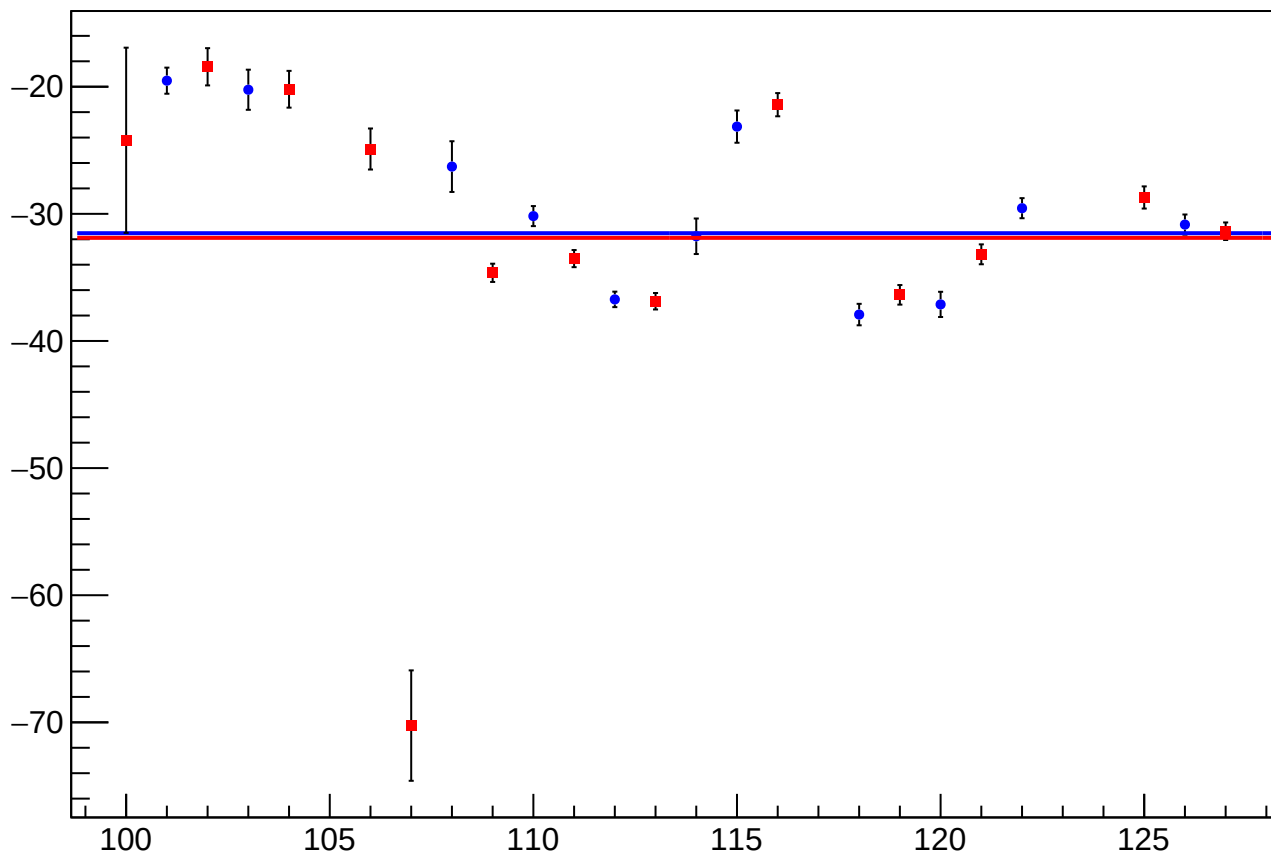
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.004 χ^2/NDF : 146.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_avg_diff_bpm1X_slope vs Slug



Right In: -31.523+/-0.281 χ^2/NDF : 410.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.888+/-0.251 χ^2/NDF : 509.6/12

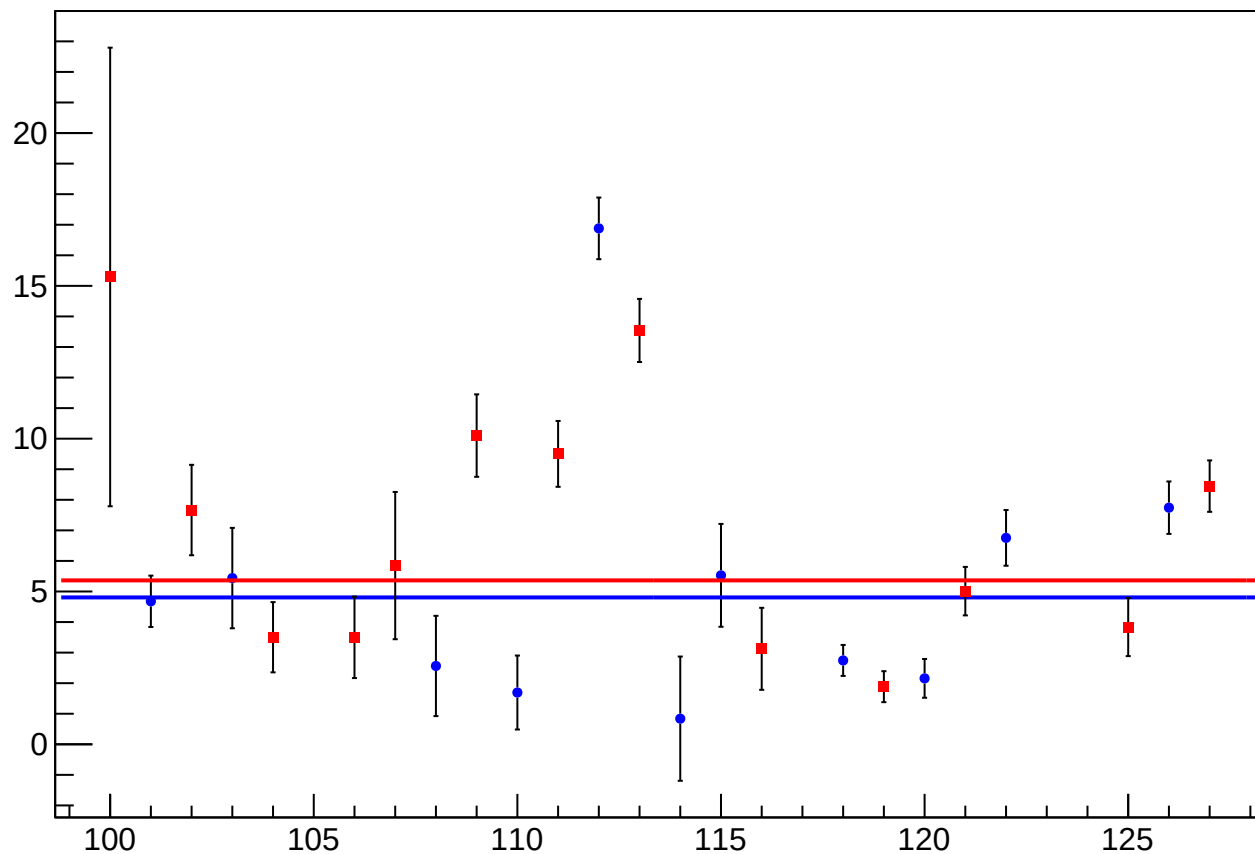
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.726+/-0.187 χ^2/NDF : 921.1/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 4.806 $\pm$ 0.274 χ^2 /NDF: 206.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5.363 $\pm$ 0.279 χ^2 /NDF: 164.7/12

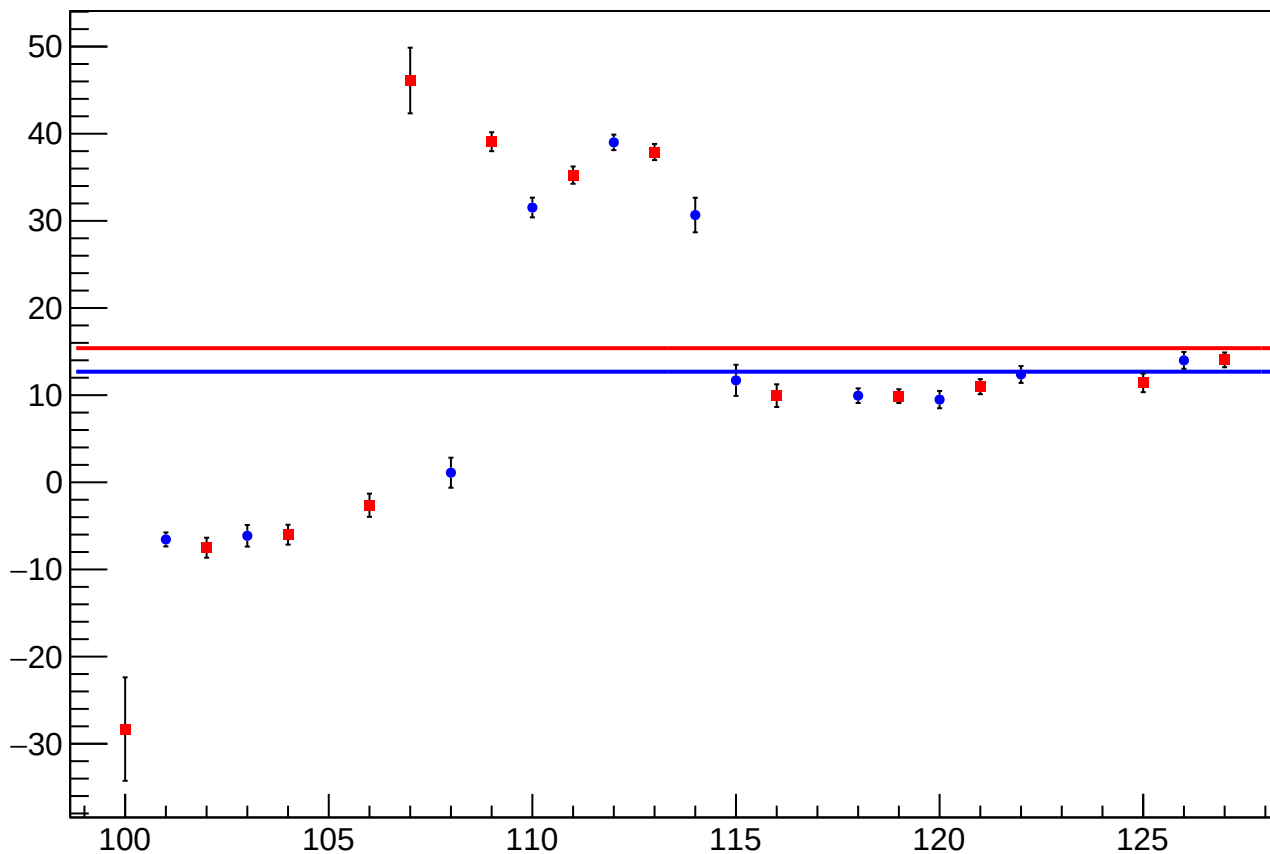
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5.079 $\pm$ 0.195 χ^2 /NDF: 373.0/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 12.693+/-0.321 χ^2 /NDF: 2104.2/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 15.394+/-0.301 χ^2 /NDF: 2630.2/12

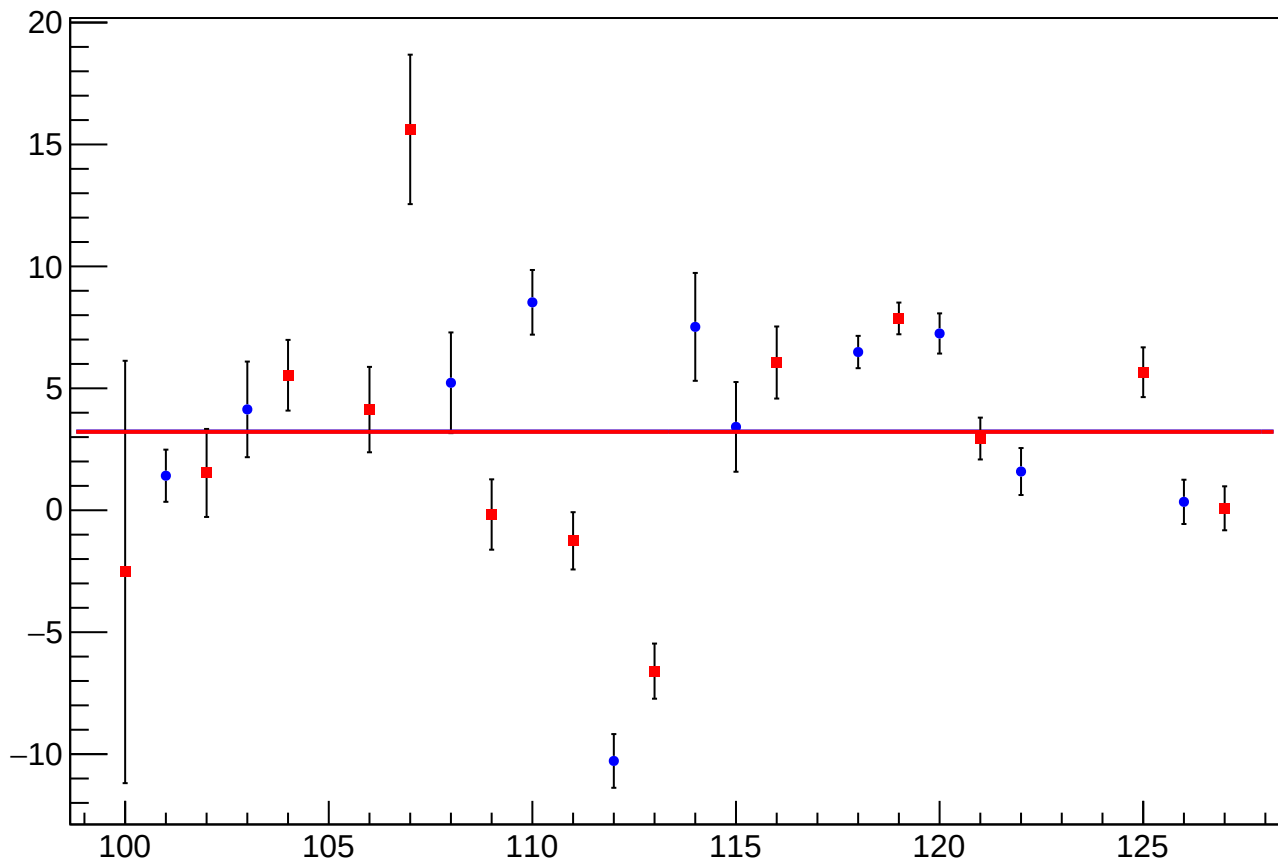
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 14.130+/-0.220 χ^2 /NDF: 4772.1/23

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 3.230+/-0.328 χ^2/NDF : 235.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.216+/-0.323 χ^2/NDF : 188.7/12

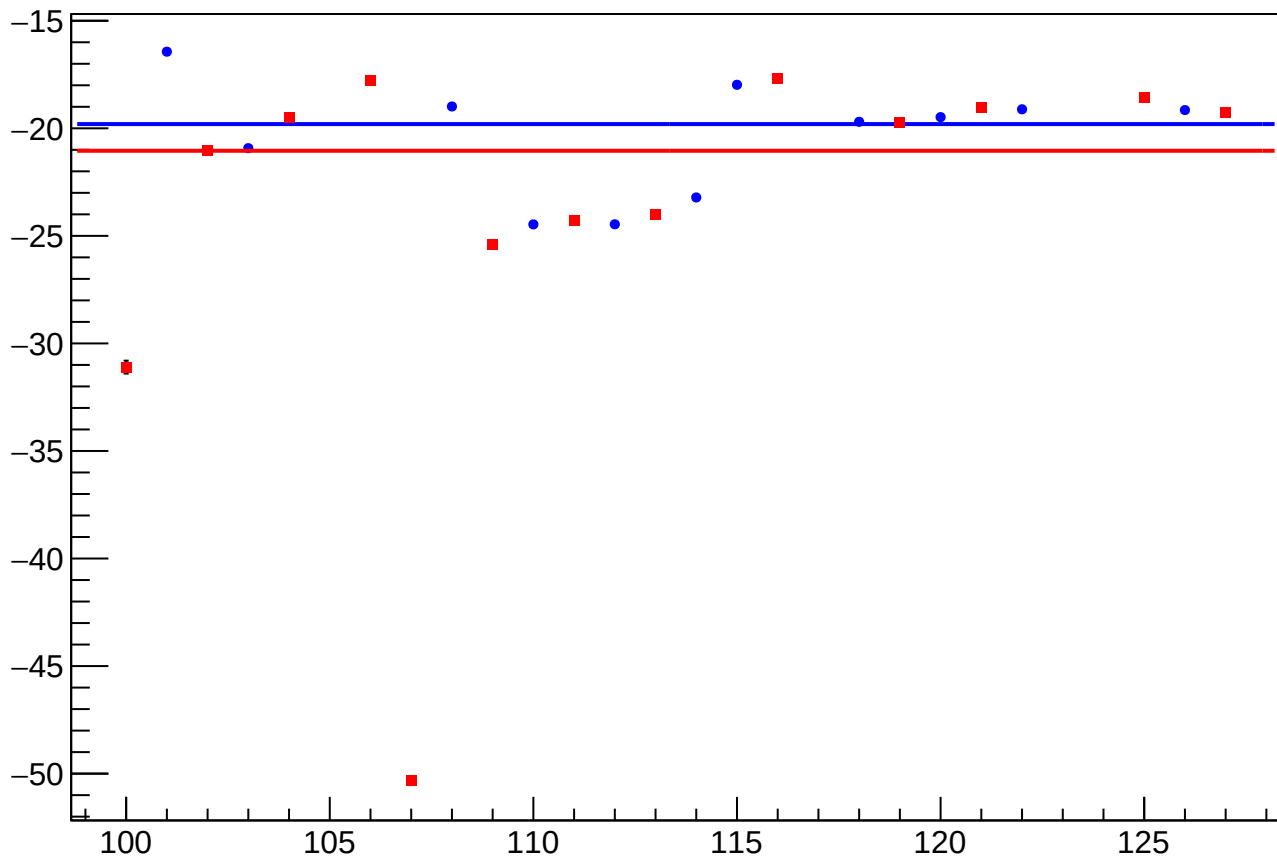
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.223+/-0.230 χ^2/NDF : 423.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.803 $\pm$ 0.021 χ^2 /NDF: 13341.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -21.044 $\pm$ 0.020 χ^2 /NDF: 51694.2/12

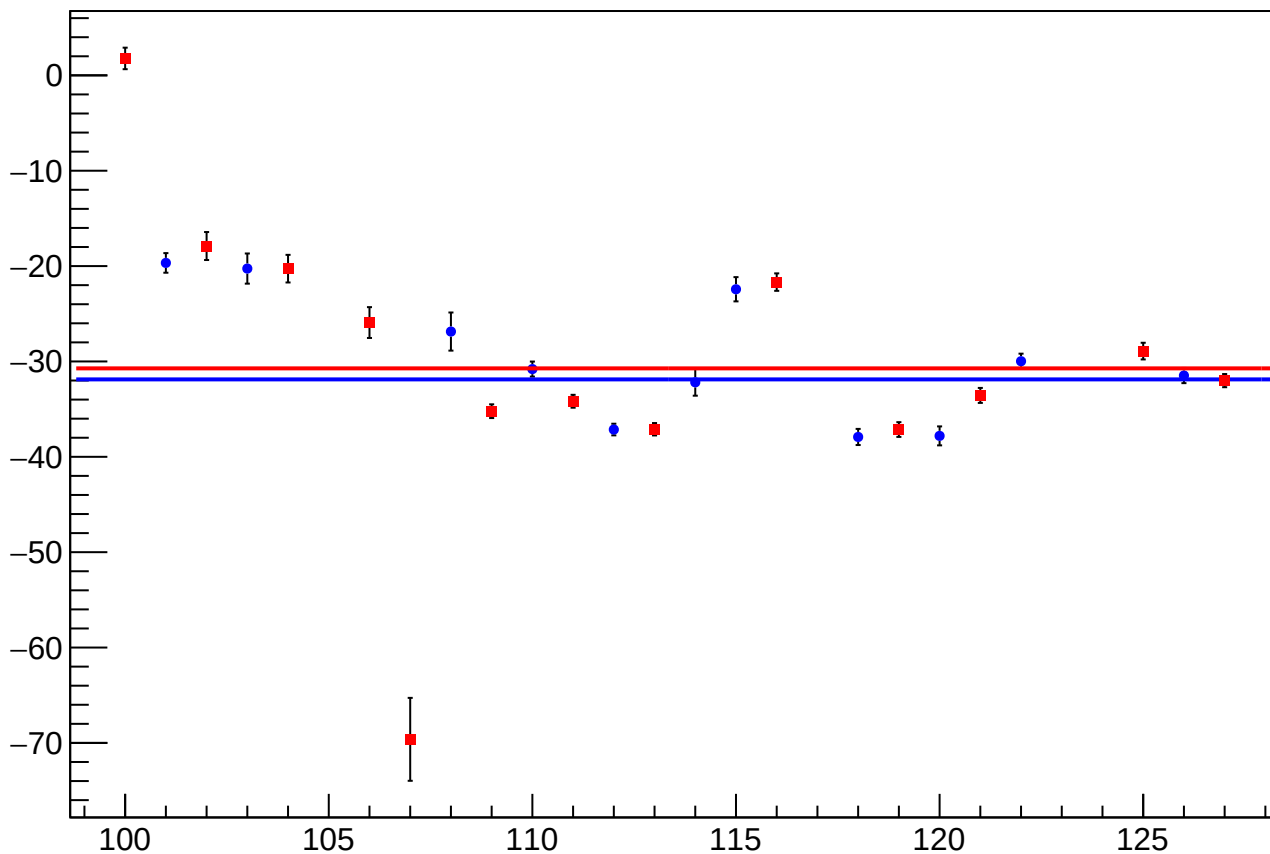
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -20.461 $\pm$ 0.015 χ^2 /NDF: 66815.9/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_left_dd_diff_bpm1X_slope vs Slug



Right In: -31.882 ± 0.282 $\chi^2/\text{NDF}: 425.4/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -30.726 ± 0.246 $\chi^2/\text{NDF}: 1396.4/12$

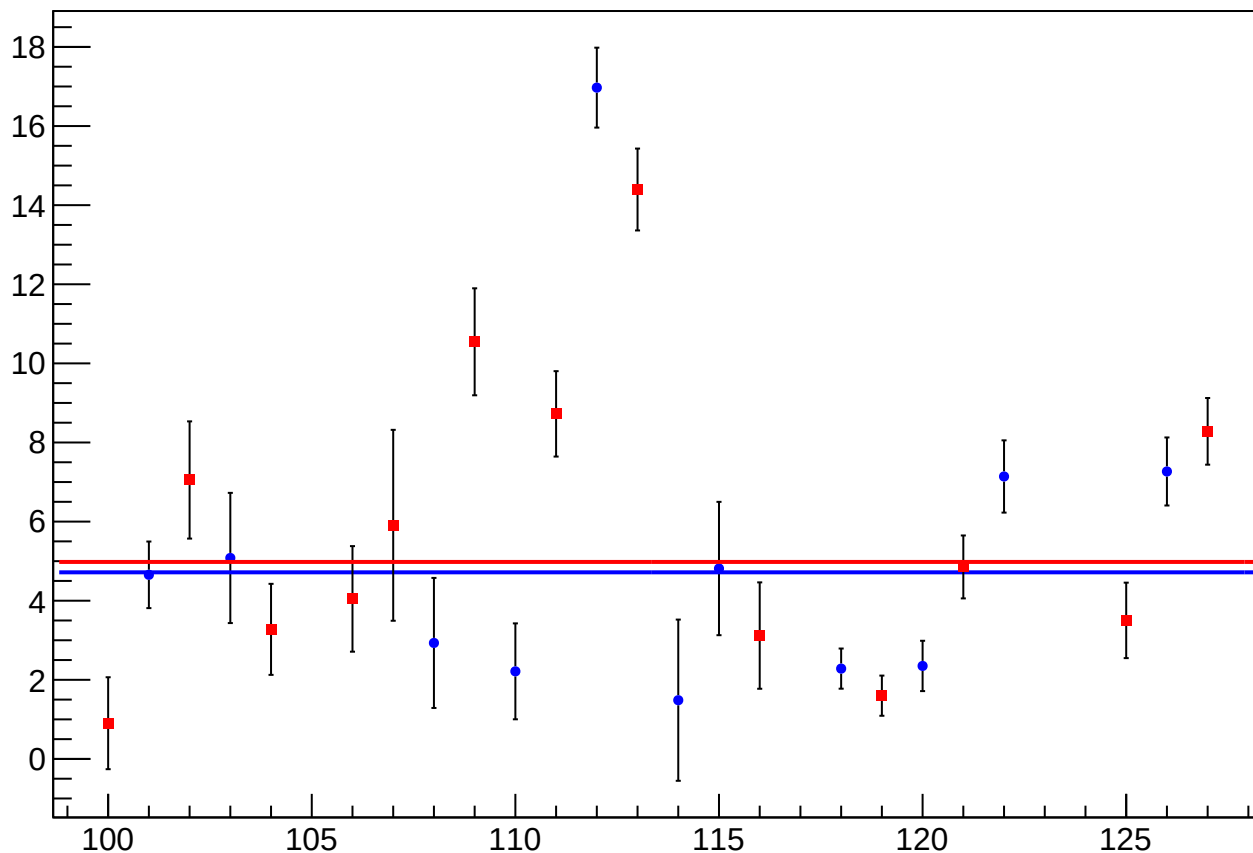
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -31.225 ± 0.185 $\chi^2/\text{NDF}: 1831.3/23$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 4.718+/-0.274 χ^2/NDF : 207.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.980+/-0.272 χ^2/NDF : 192.8/12

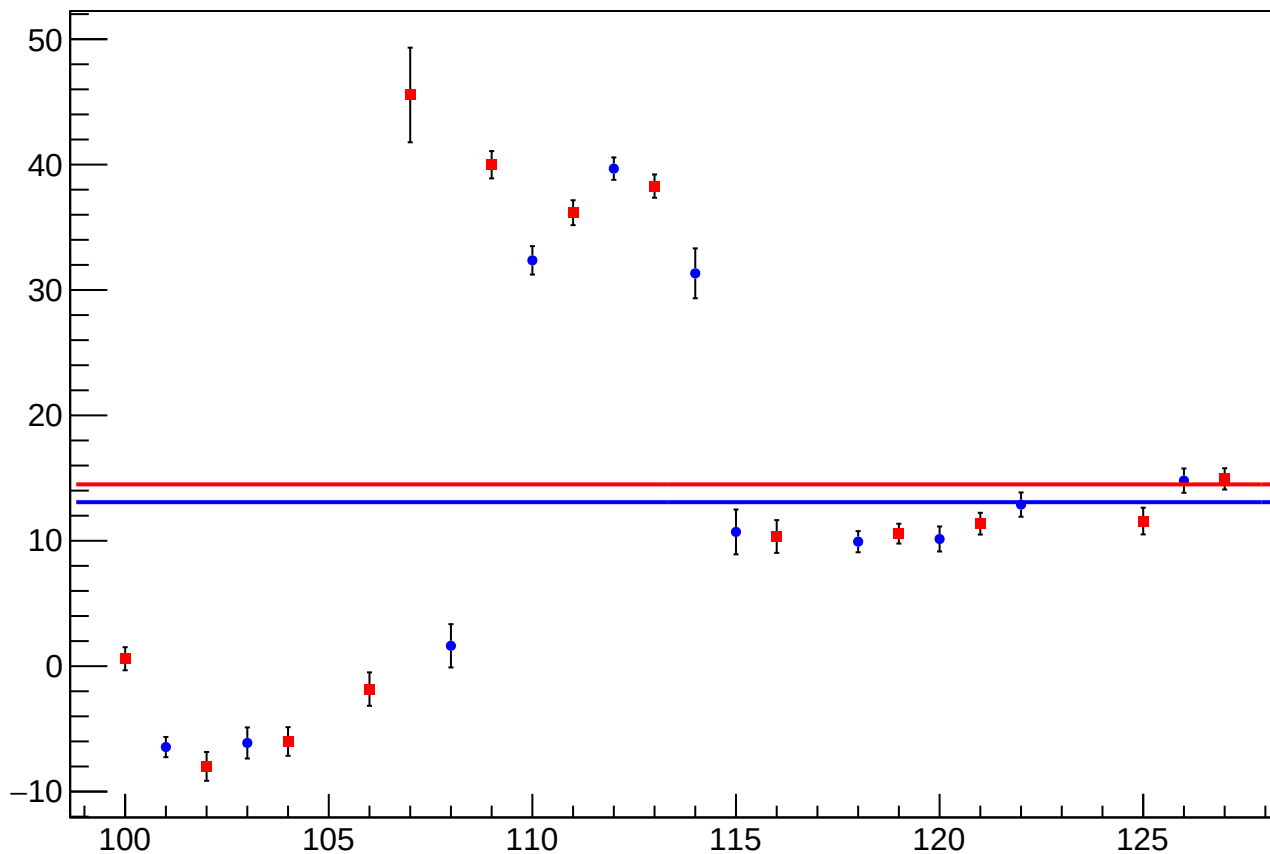
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.850+/-0.193 χ^2/NDF : 401.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 13.078+/-0.322 χ^2/NDF : 2160.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.496+/-0.287 χ^2/NDF : 2887.5/12

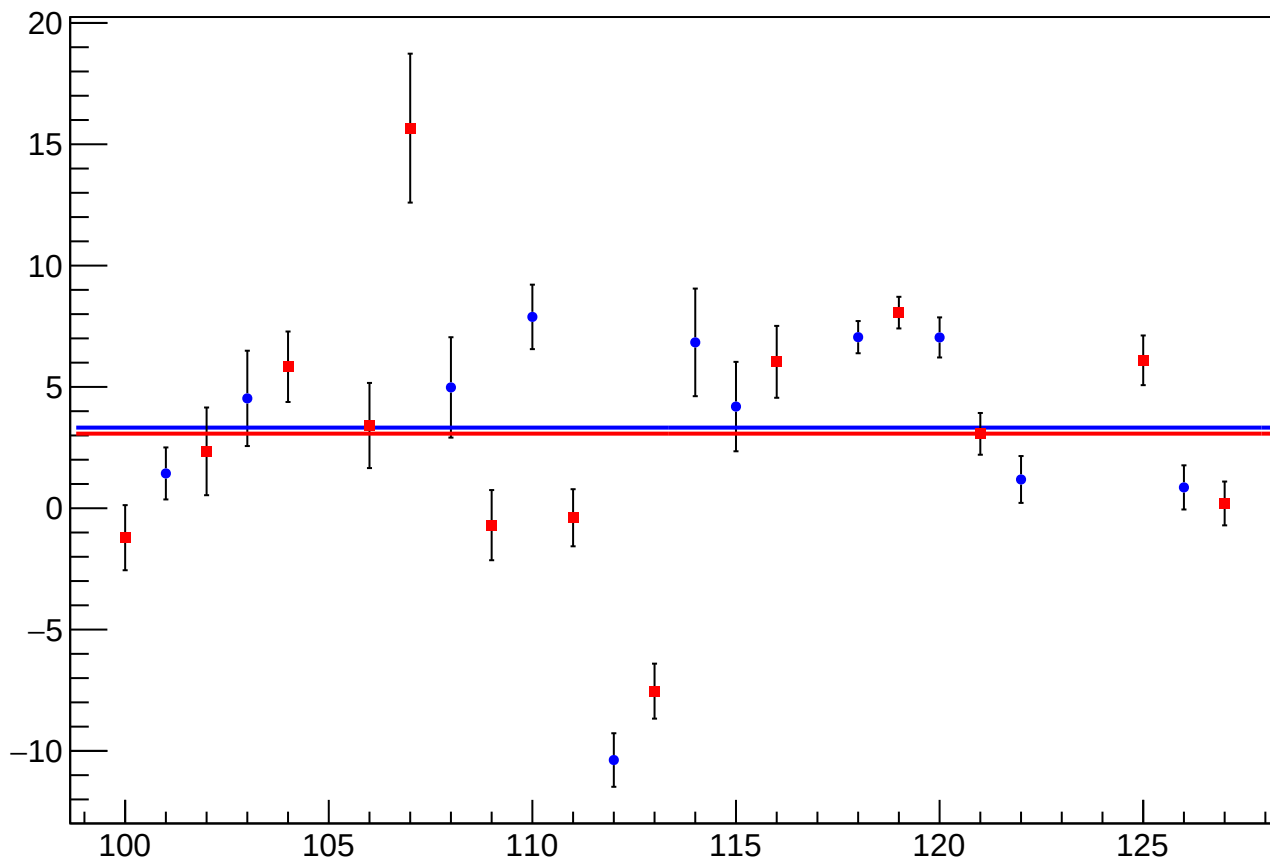
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.867+/-0.214 χ^2/NDF : 5058.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 3.324+/-0.329 χ^2/NDF : 236.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.075+/-0.315 χ^2/NDF : 215.4/12

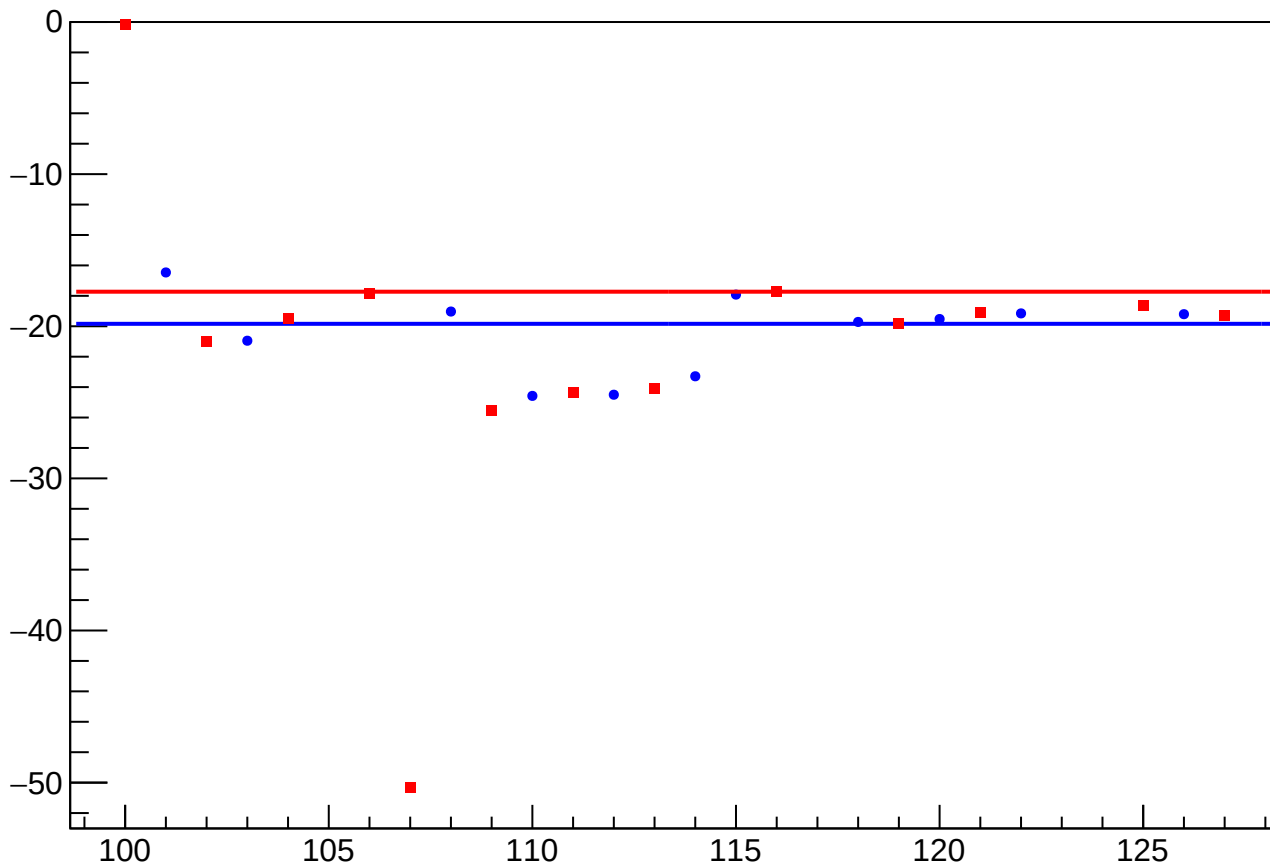
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.194+/-0.227 χ^2/NDF : 452.5/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.840 ± 0.021 $\chi^2/\text{NDF}: 13422.0/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -17.728 ± 0.019 $\chi^2/\text{NDF}: 219399.9/12$

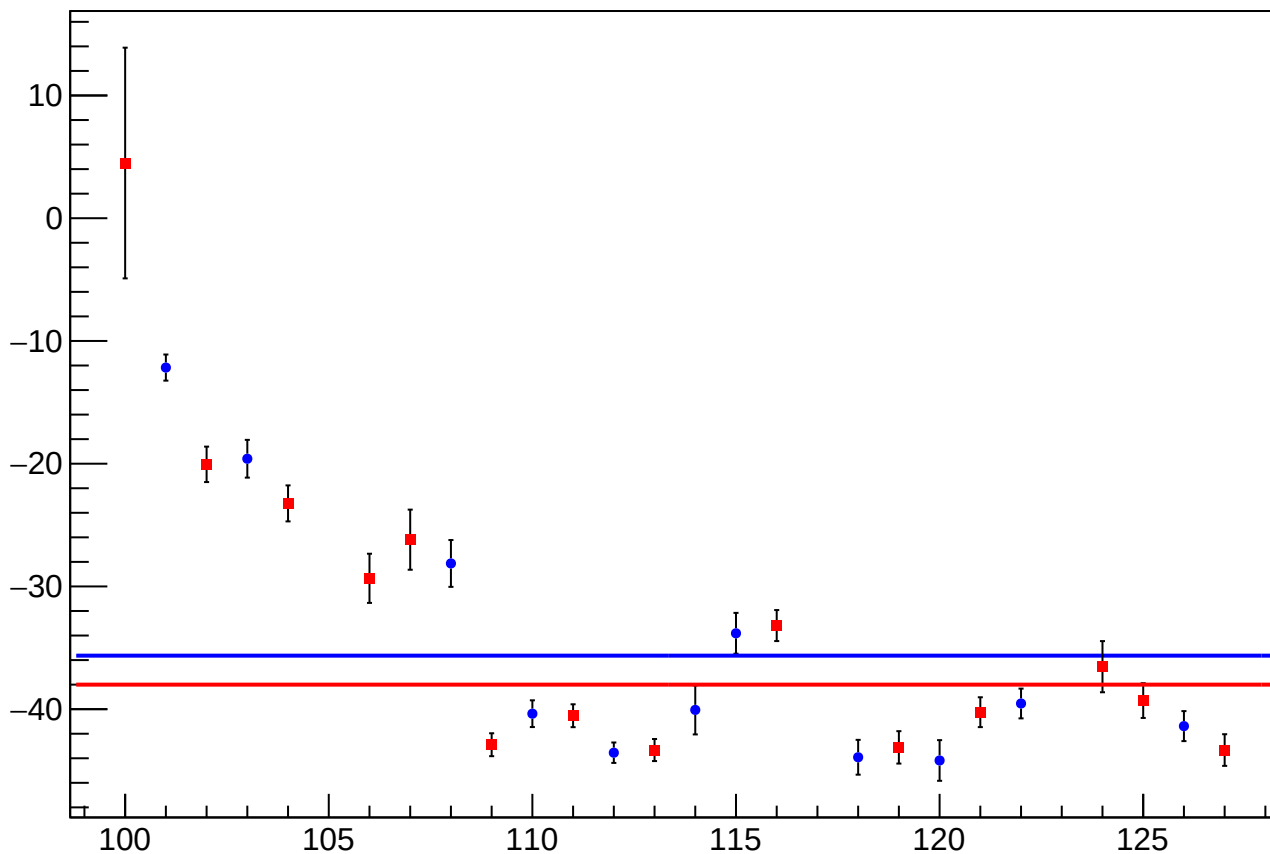
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -18.632 ± 0.014 $\chi^2/\text{NDF}: 238359.7/23$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_right_avg_diff_bpm1X_slope vs Slug



Right In: -35.639 ± 0.387 χ^2/NDF : 819.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -38.001 ± 0.351 χ^2/NDF : 439.6/13

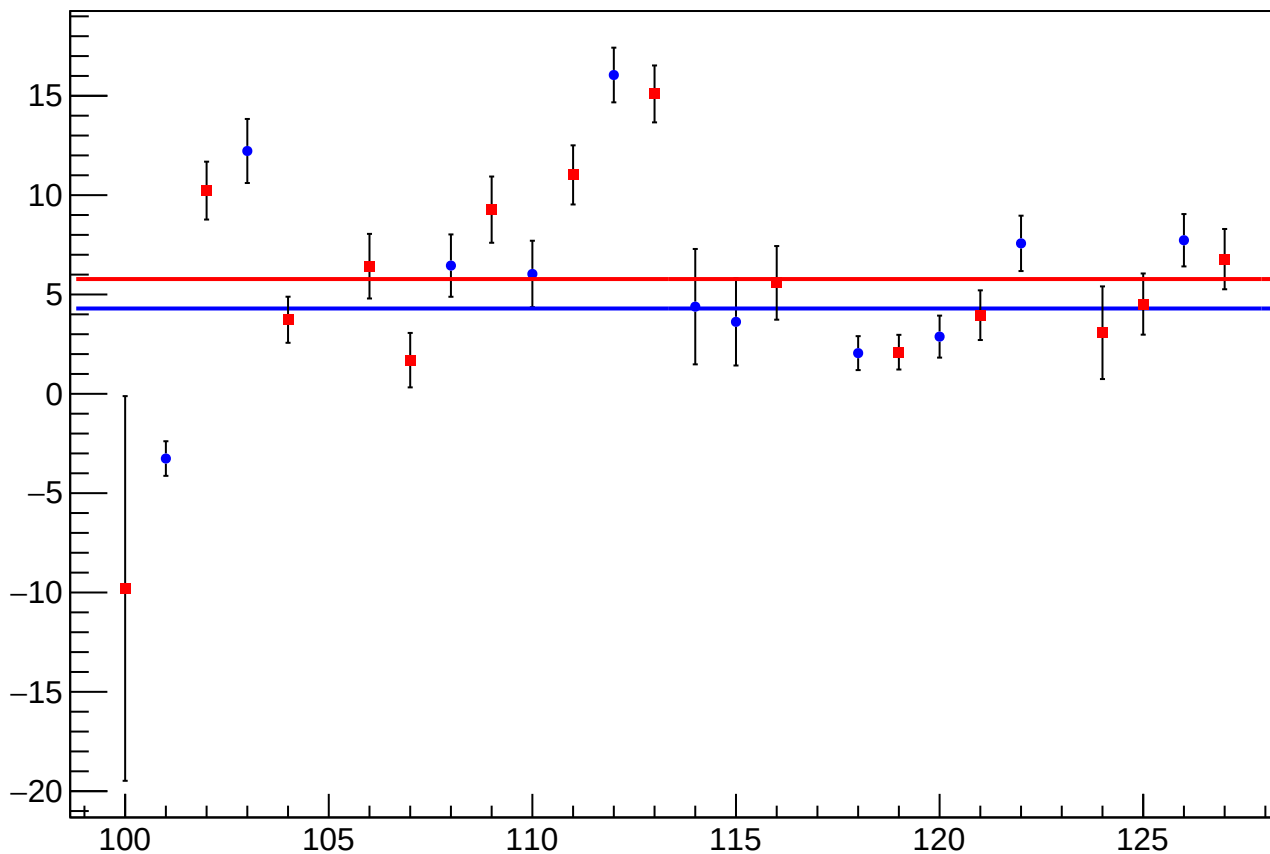
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -36.934 ± 0.260 χ^2/NDF : 1279.4/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 4.295+/-0.387 χ^2/NDF : 196.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.777+/-0.386 χ^2/NDF : 105.5/13

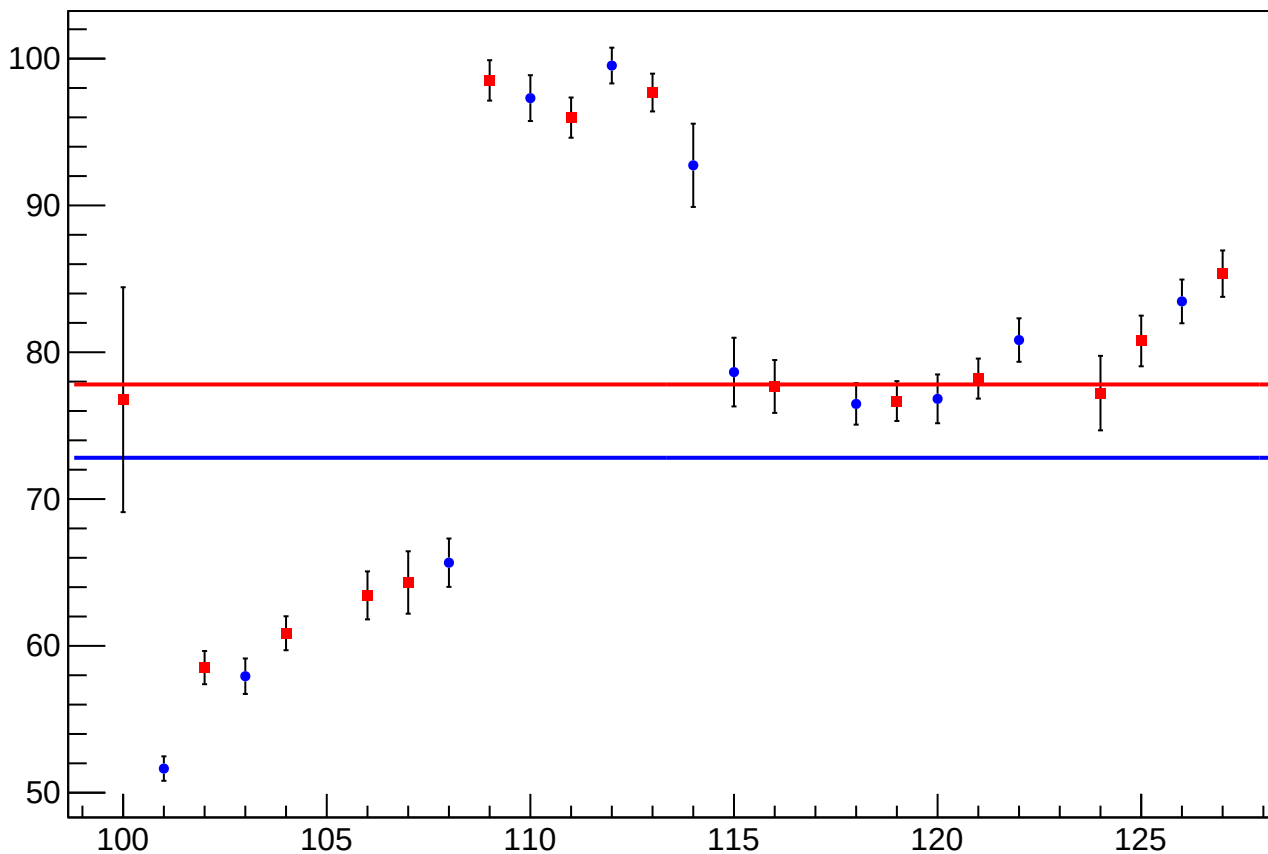
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.038+/-0.273 χ^2/NDF : 309.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 72.812+/-0.420 χ^2/NDF : 1692.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.806+/-0.405 χ^2/NDF : 1291.0/13

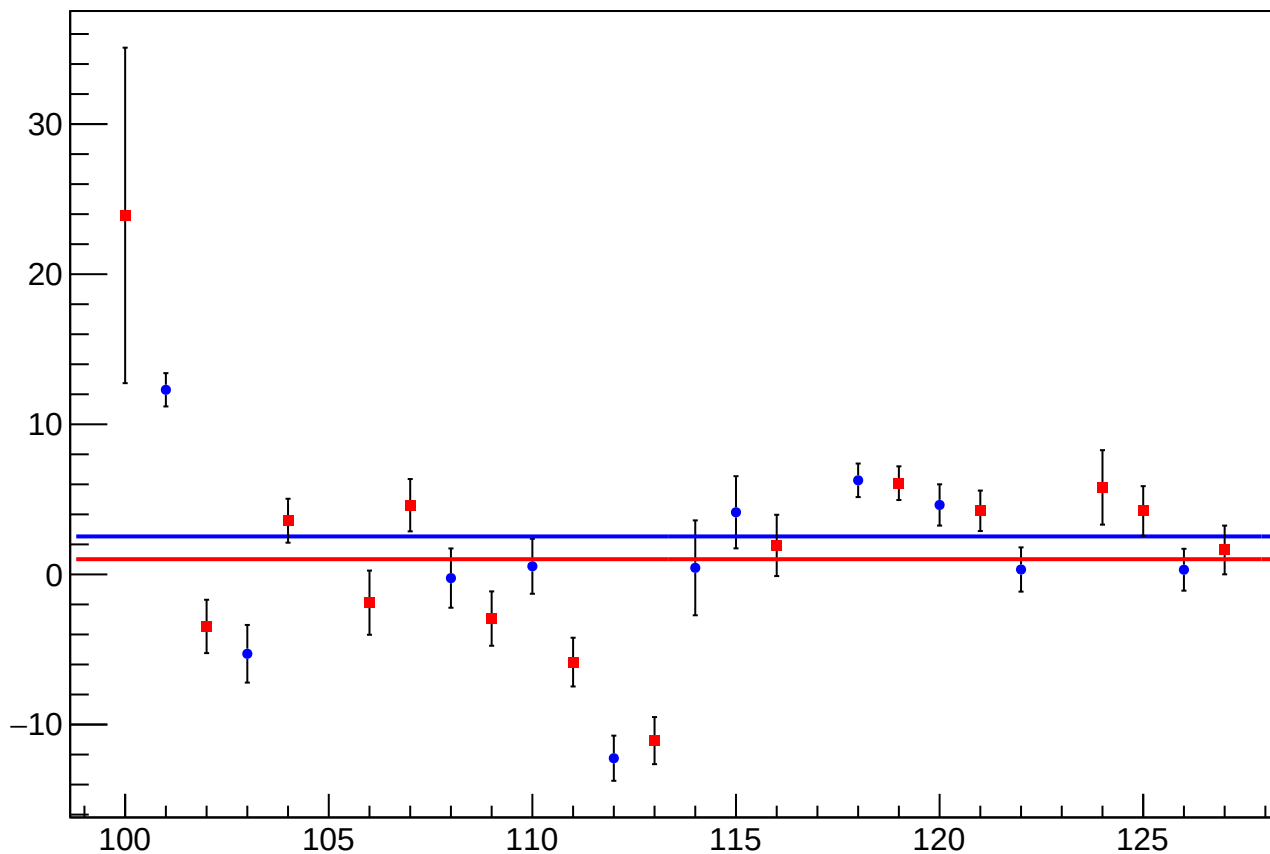
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.401+/-0.292 χ^2/NDF : 3057.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 2.531 $\pm$ 0.463 χ^2 /NDF: 213.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.014 $\pm$ 0.451 χ^2 /NDF: 135.6/13

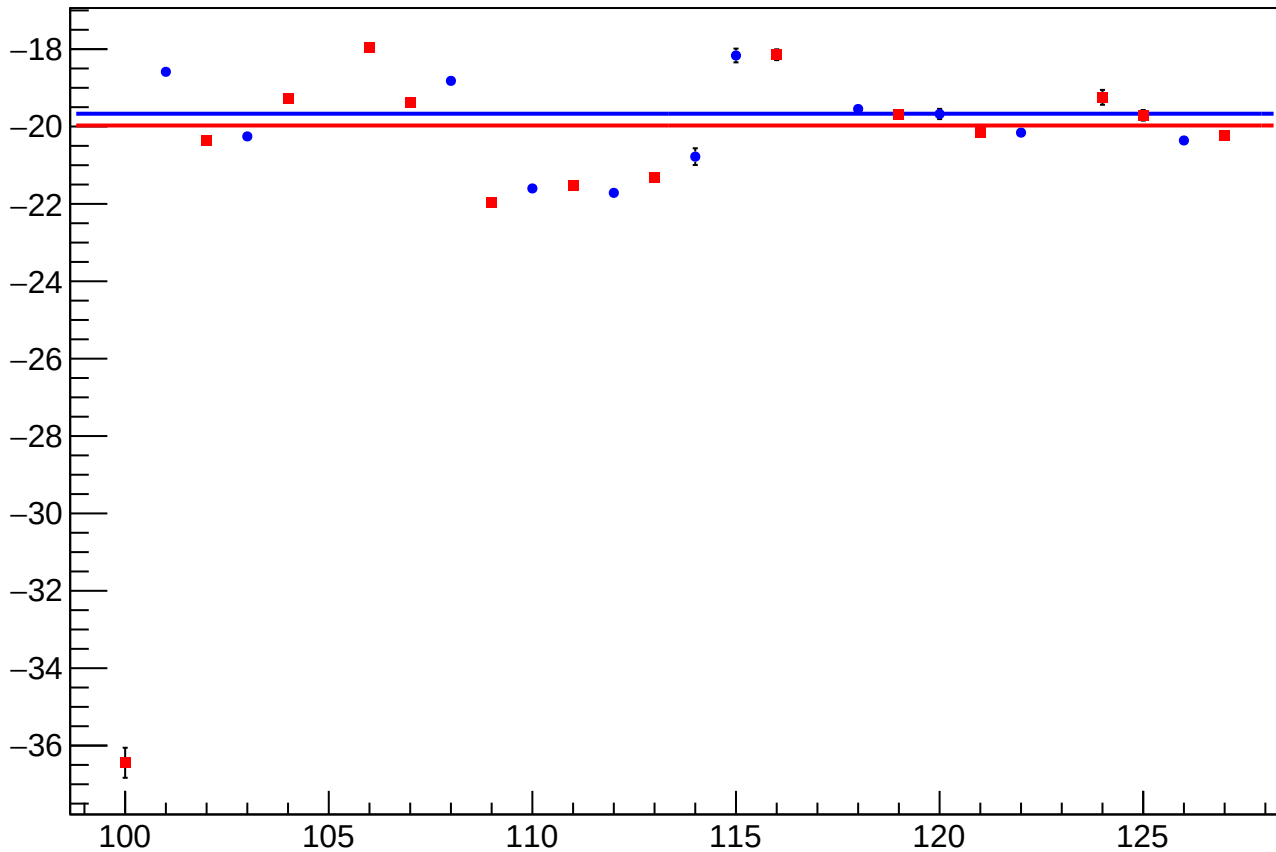
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.751 $\pm$ 0.323 χ^2 /NDF: 354.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -19.669 ± 0.026 χ^2/NDF : 1605.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -19.974 ± 0.024 χ^2/NDF : 3784.4/13

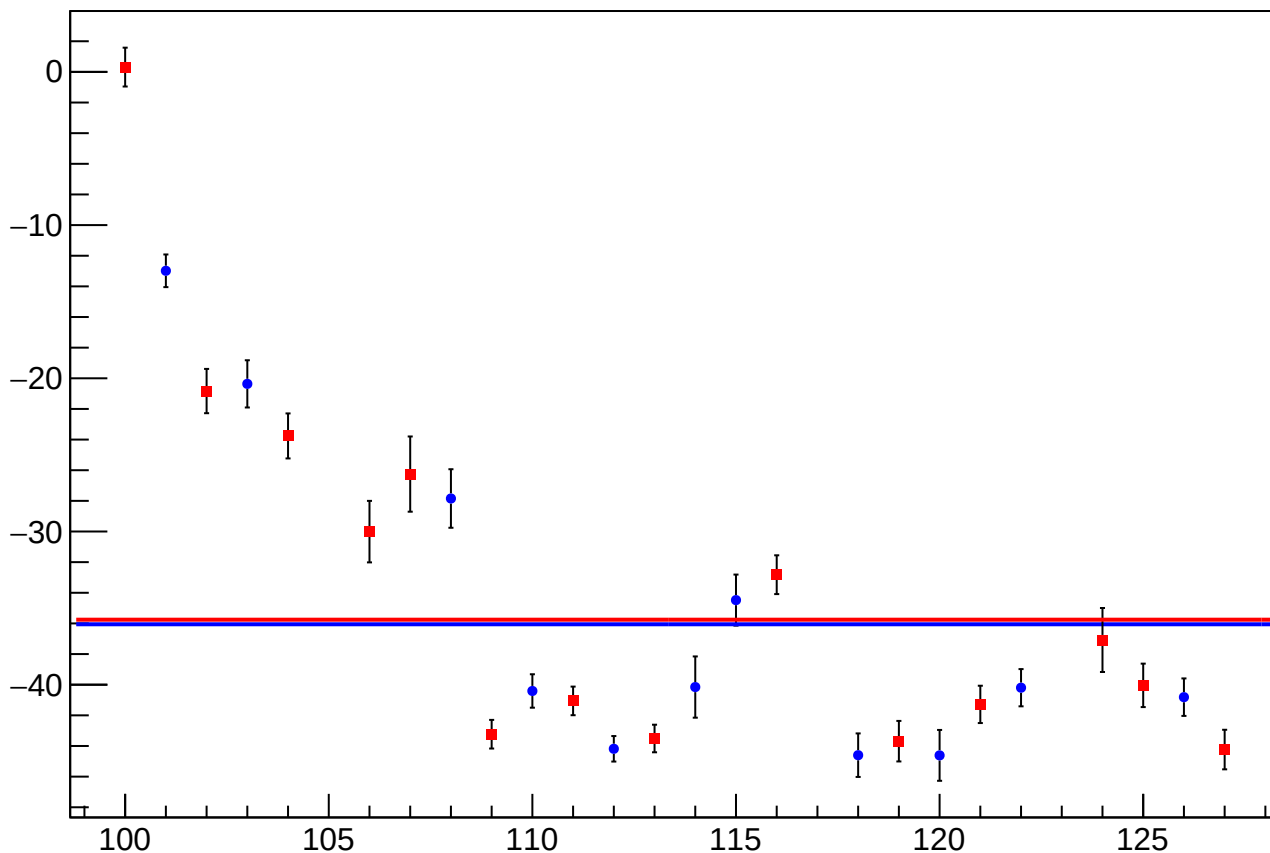
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -19.829 ± 0.018 χ^2/NDF : 5464.2/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_right_dd_diff_bpm1X_slope vs Slug



Right In: -36.056+/-0.387 χ^2/NDF : 796.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -35.756+/-0.339 χ^2/NDF : 1290.9/13

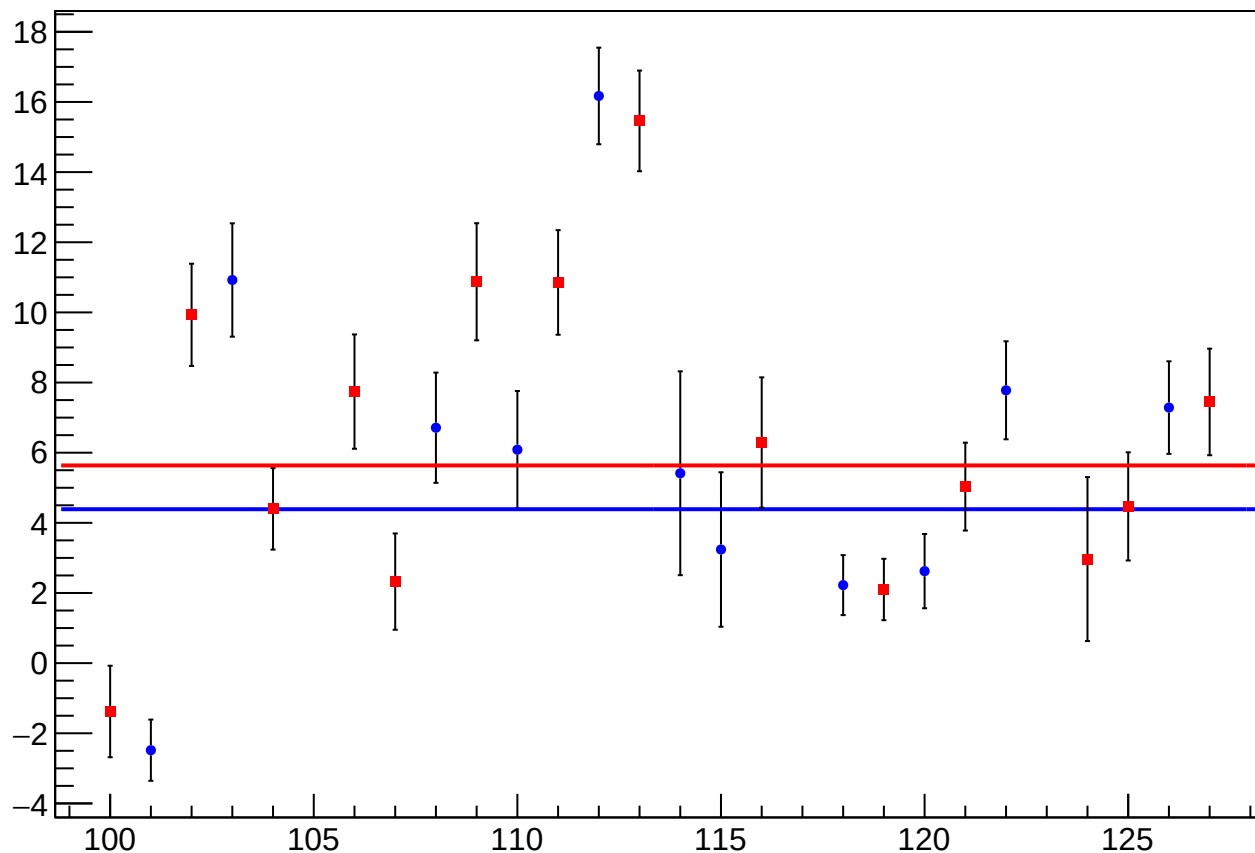
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.886+/-0.255 χ^2/NDF : 2087.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 4.388+/-0.388 χ^2/NDF : 175.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.636+/-0.371 χ^2/NDF : 135.2/13

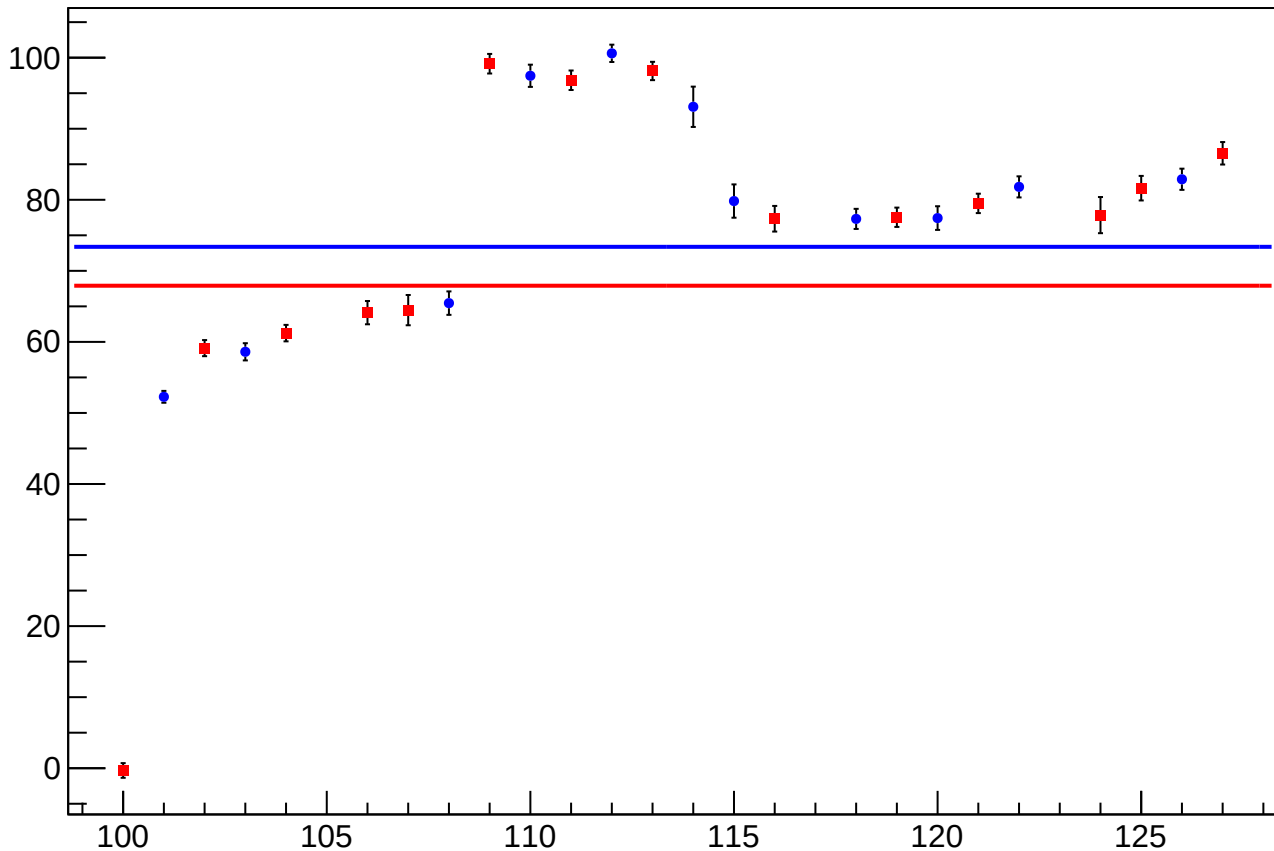
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.040+/-0.268 χ^2/NDF : 315.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 73.380 $\pm$ 0.421 χ^2 /NDF: 1691.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 67.906 $\pm$ 0.378 χ^2 /NDF: 6335.9/13

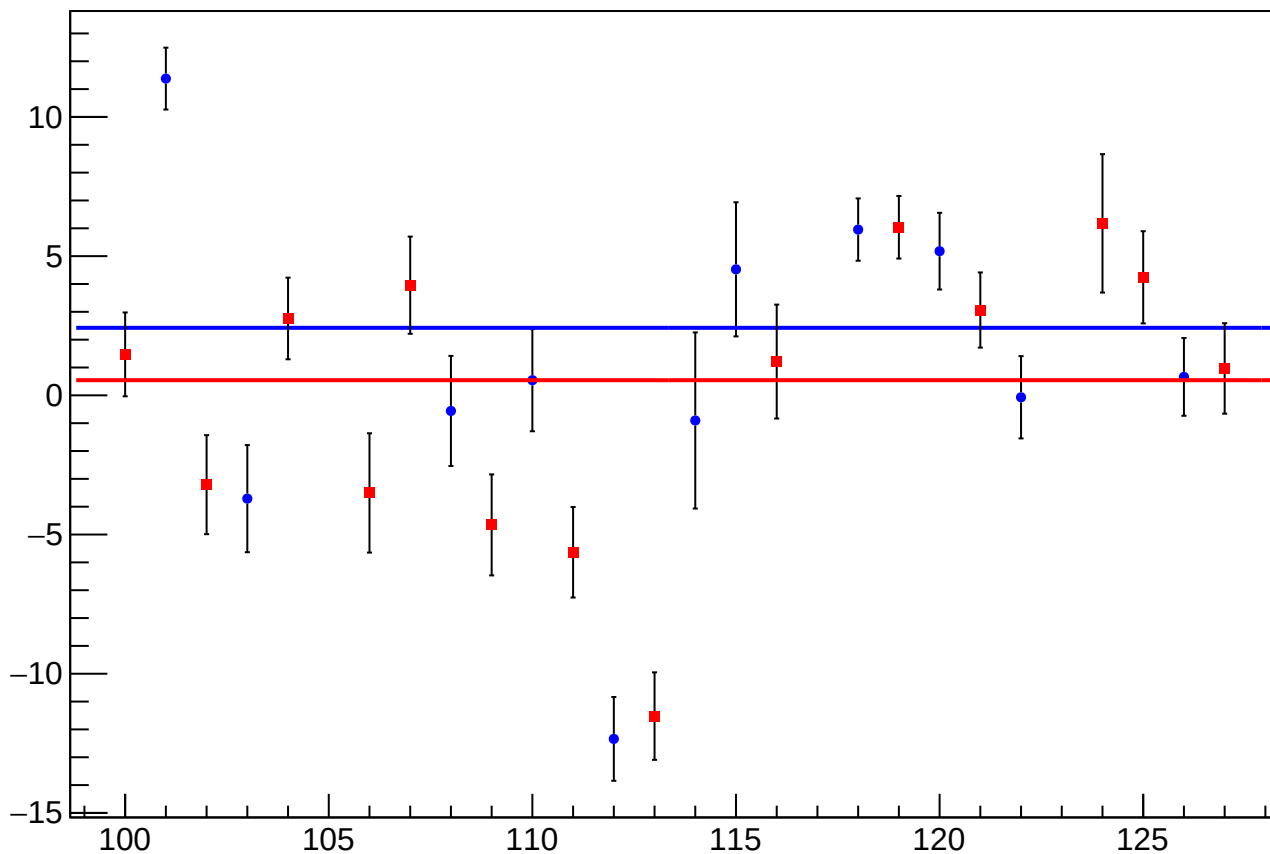
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 70.351 $\pm$ 0.281 χ^2 /NDF: 8120.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 2.425+/-0.464 χ^2/NDF : 194.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.543+/-0.433 χ^2/NDF : 133.8/13

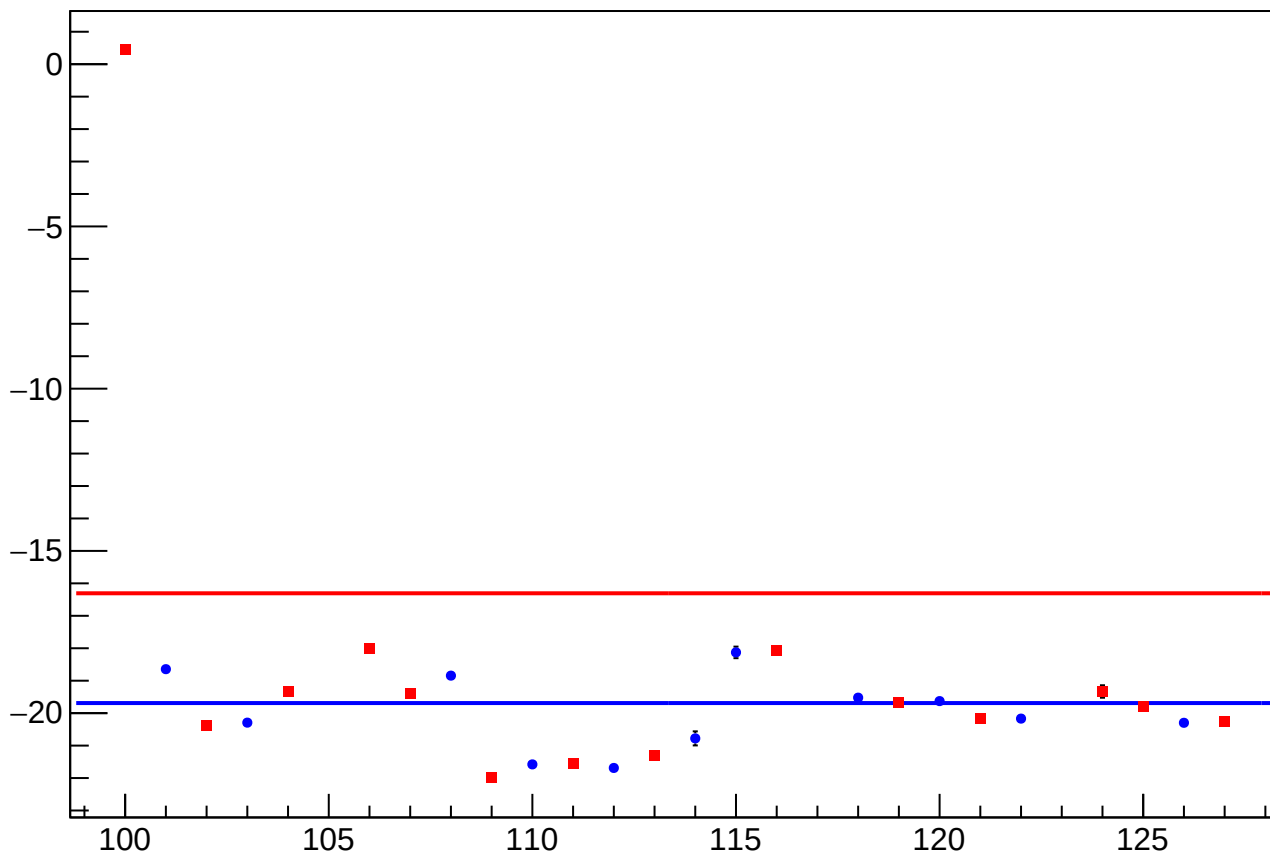
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.419+/-0.317 χ^2/NDF : 337.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -19.689 ± 0.026 $\chi^2/\text{NDF}: 1541.3/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -16.306 ± 0.022 $\chi^2/\text{NDF}: 126806.9/13$

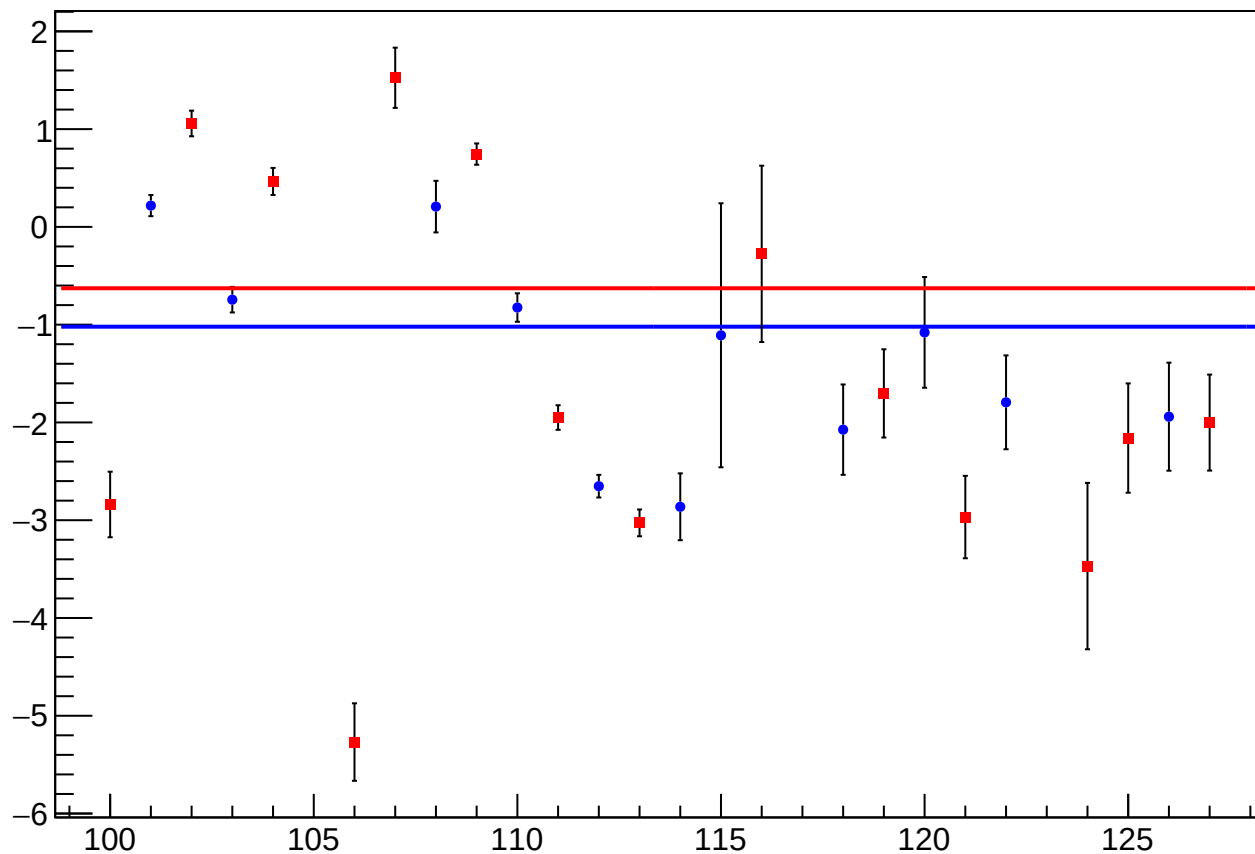
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -17.750 ± 0.017 $\chi^2/\text{NDF}: 138373.4/24$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



Right In: -1.021+/-0.057 χ^2/NDF : 397.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.628+/-0.053 χ^2/NDF : 1096.0/13

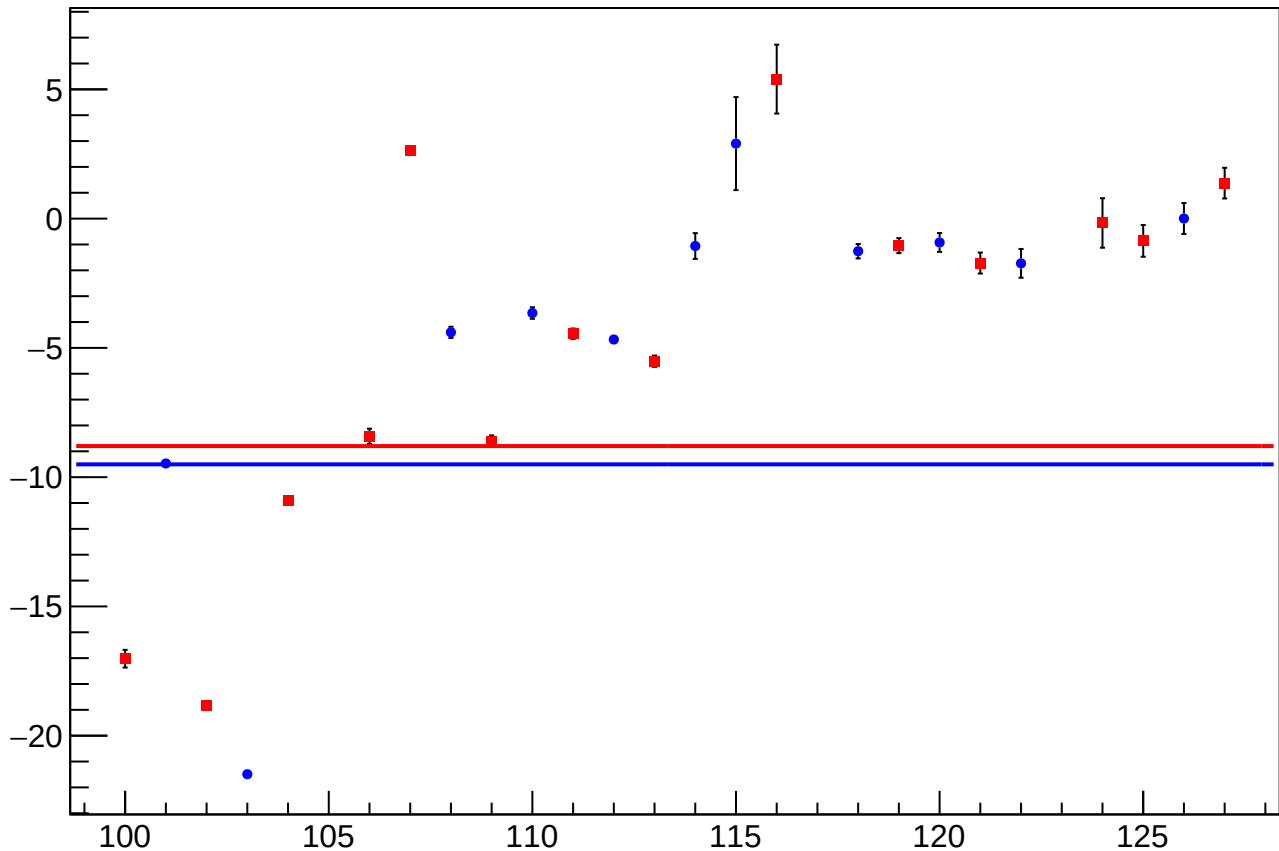
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.808+/-0.039 χ^2/NDF : 1518.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -9.505 ± 0.060 χ^2/NDF : 11555.6/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.797 ± 0.061 χ^2/NDF : 12949.3/13

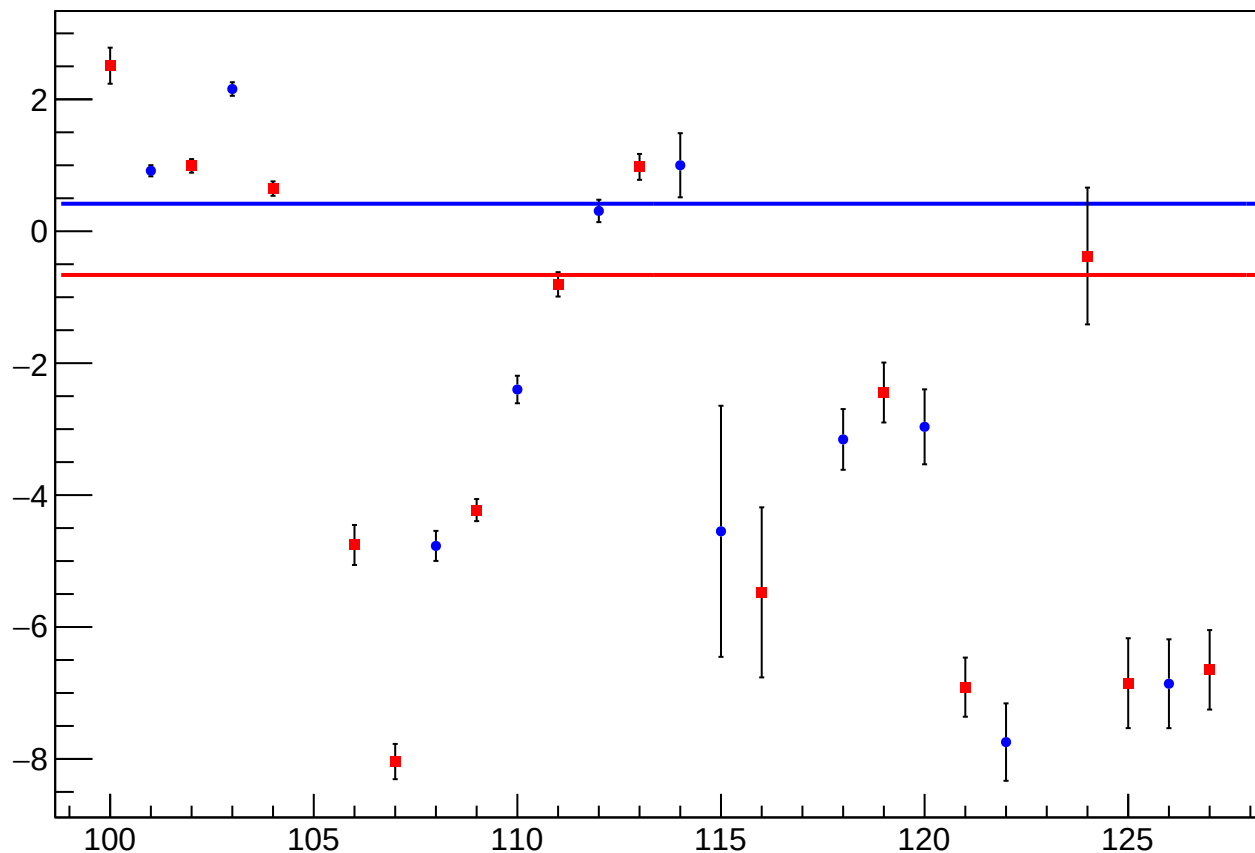
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.157 ± 0.043 χ^2/NDF : 24573.5/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 0.417 $\pm$ 0.055 χ^2 /NDF: 1437.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.663 $\pm$ 0.056 χ^2 /NDF: 2410.6/13

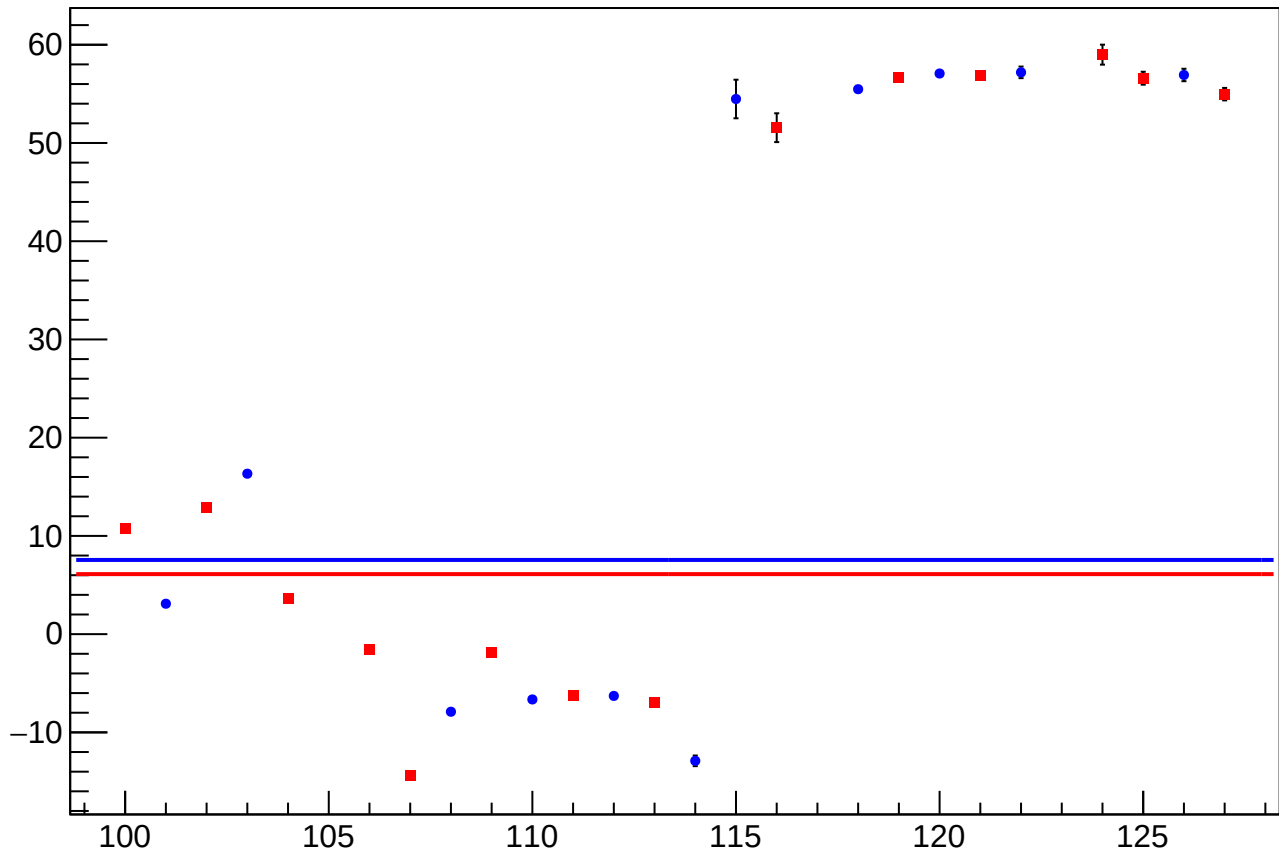
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.119 $\pm$ 0.039 χ^2 /NDF: 4038.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 7.554+/-0.072 χ^2/NDF : 58918.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.110+/-0.072 χ^2/NDF : 65306.7/13

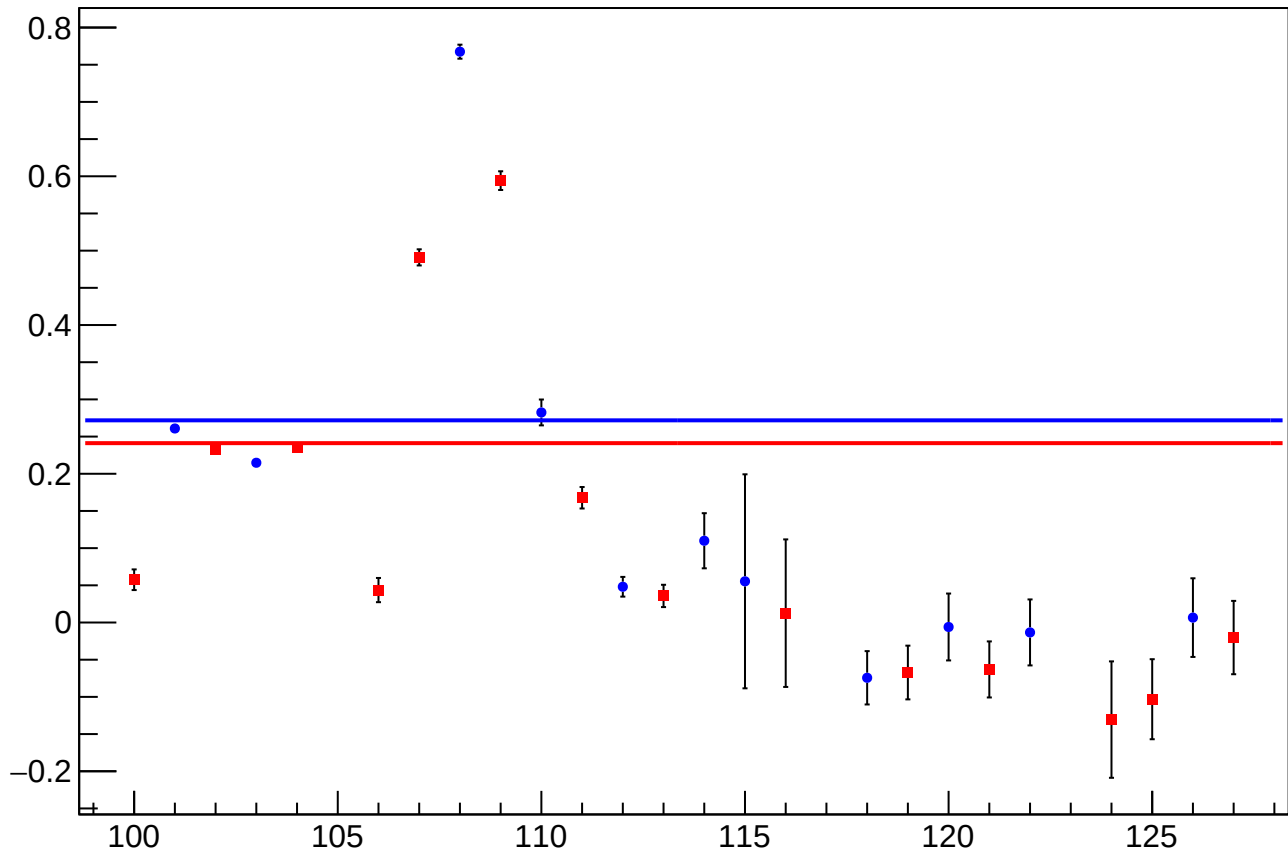
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.830+/-0.051 χ^2/NDF : 124423.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.272 $\pm$ 0.003 χ^2 /NDF: 3450.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.241 $\pm$ 0.003 χ^2 /NDF: 2091.7/13

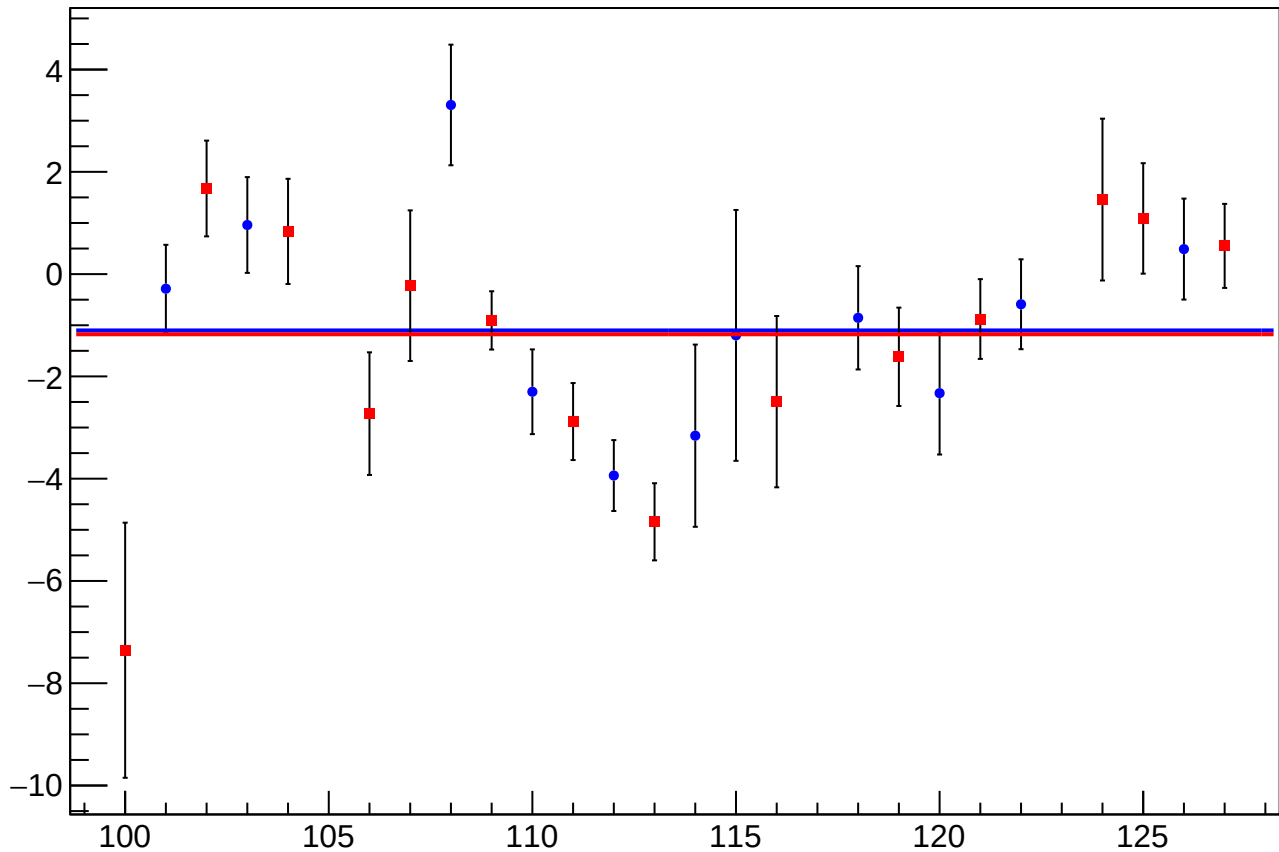
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.256 $\pm$ 0.002 χ^2 /NDF: 5598.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: -1.101+/-0.298 χ^2/NDF : 44.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.177+/-0.251 χ^2/NDF : 62.9/13

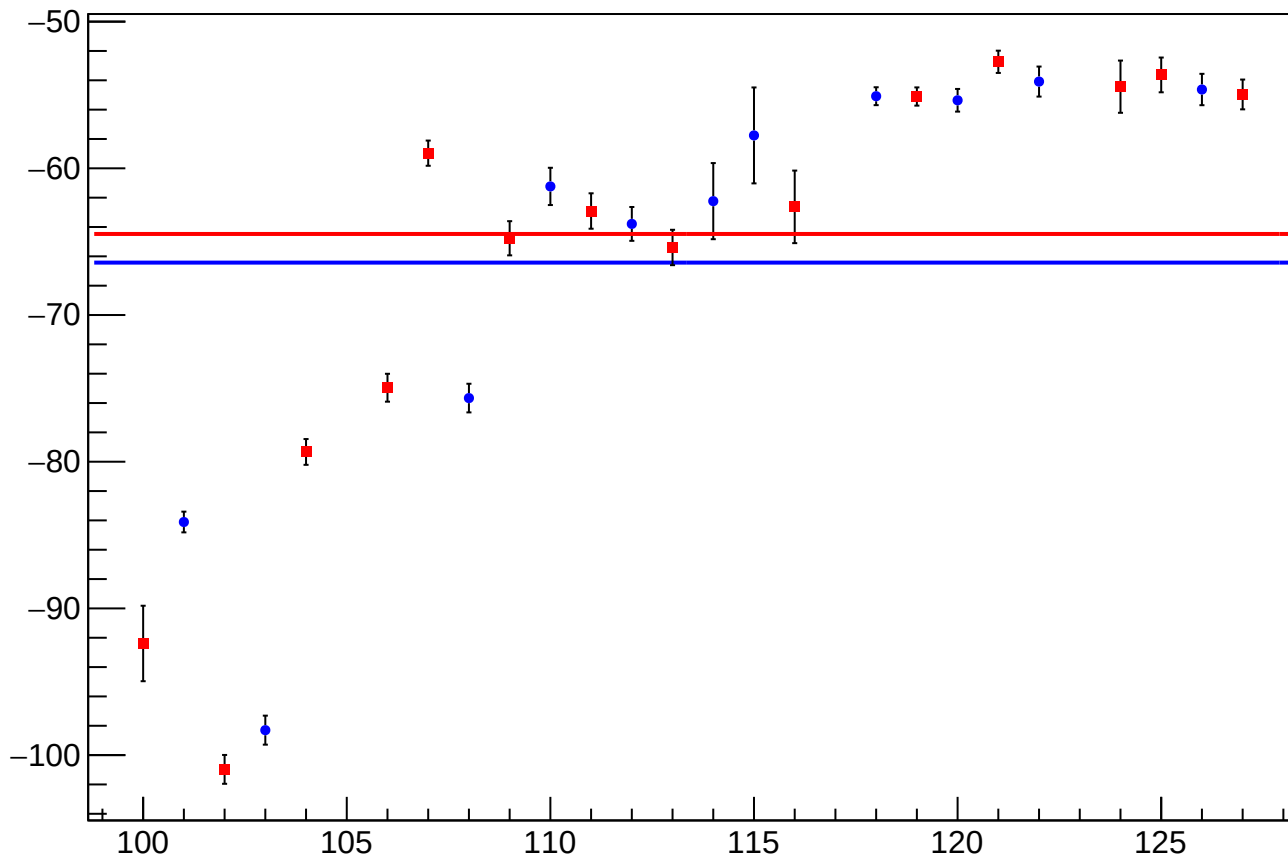
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.145+/-0.192 χ^2/NDF : 106.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -66.427 ± 0.290 χ^2/NDF : 2605.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -64.475 ± 0.272 χ^2/NDF : 2617.2/13

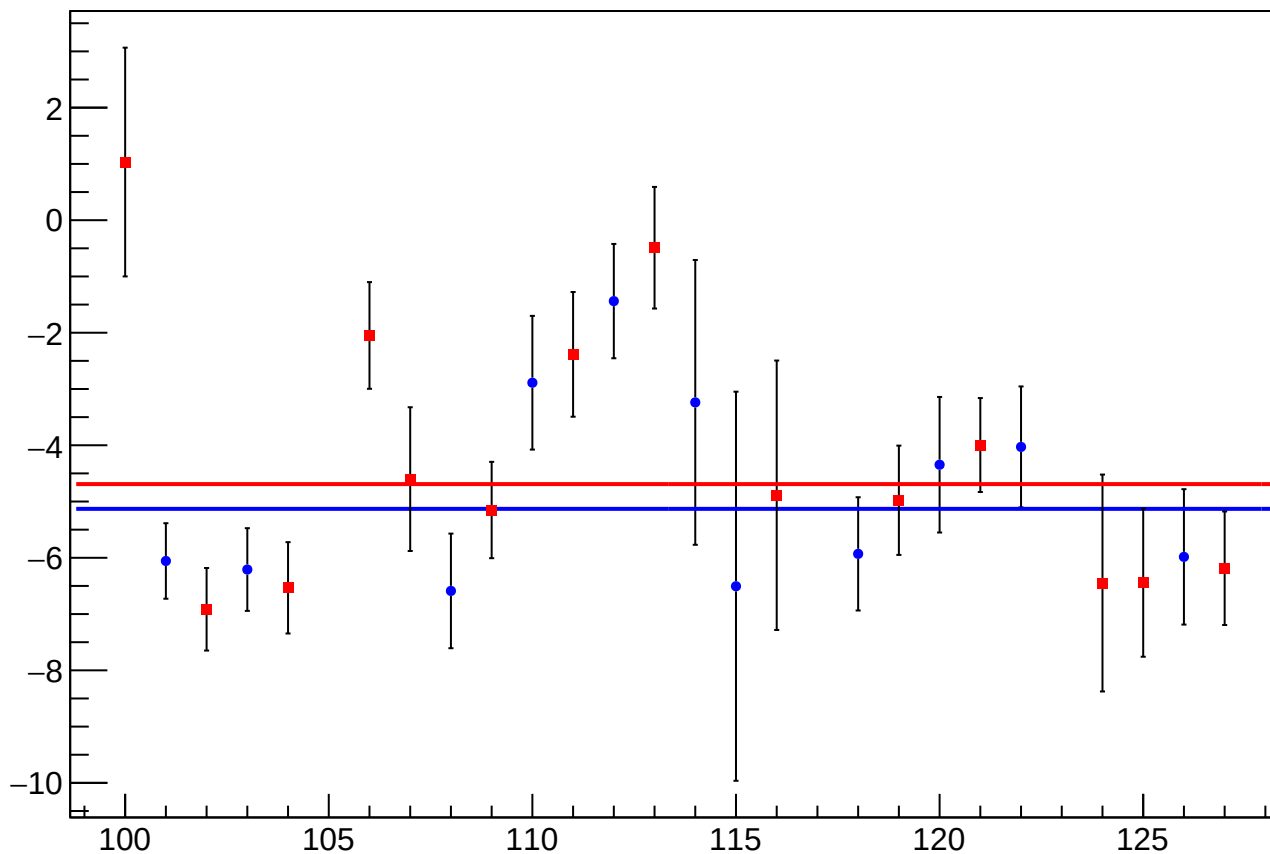
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -65.387 ± 0.198 χ^2/NDF : 5246.8/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: -5.130 ± 0.313 χ^2/NDF : 26.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.690 ± 0.279 χ^2/NDF : 55.4/13

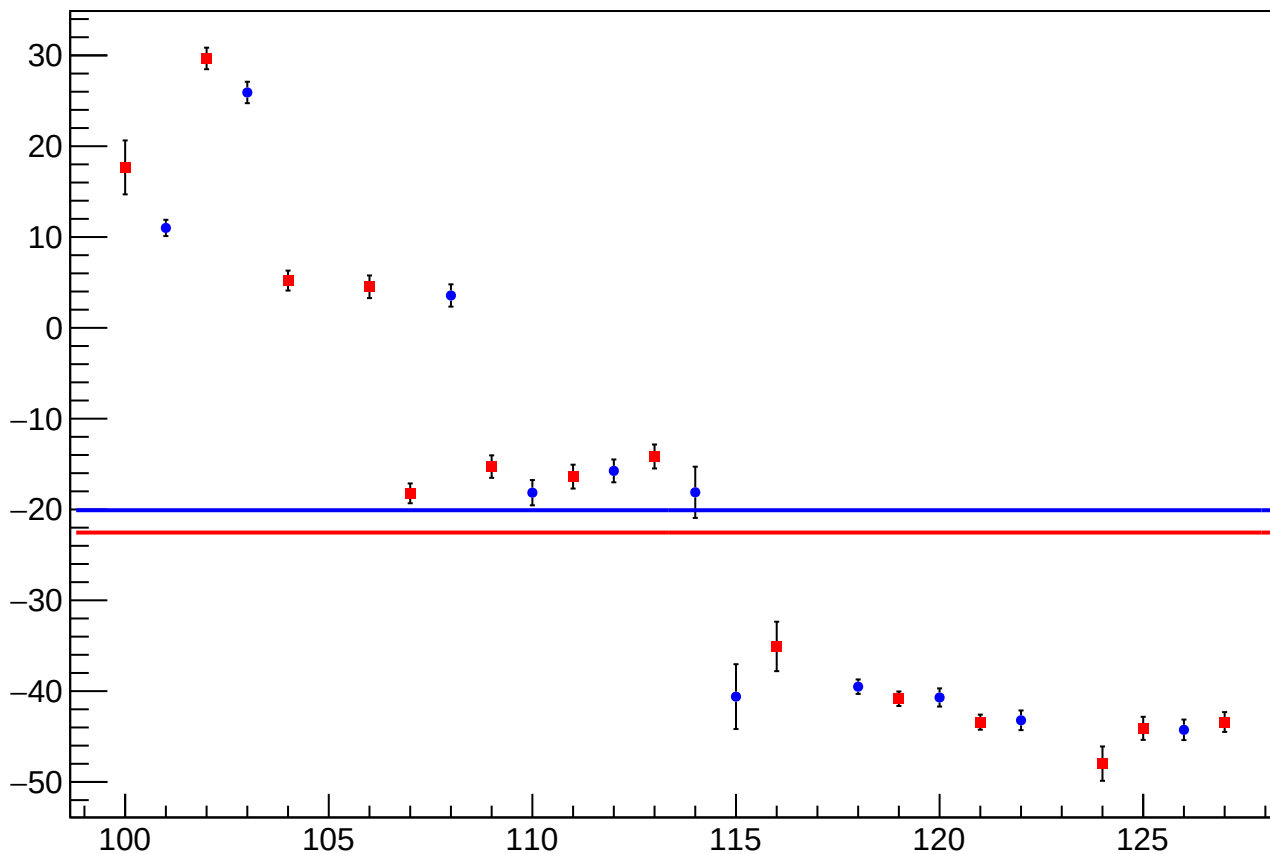
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.885 ± 0.208 χ^2/NDF : 82.7/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -20.081 $\pm$ 0.349 χ^2 /NDF: 5081.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -22.540 $\pm$ 0.319 χ^2 /NDF: 5358.0/13

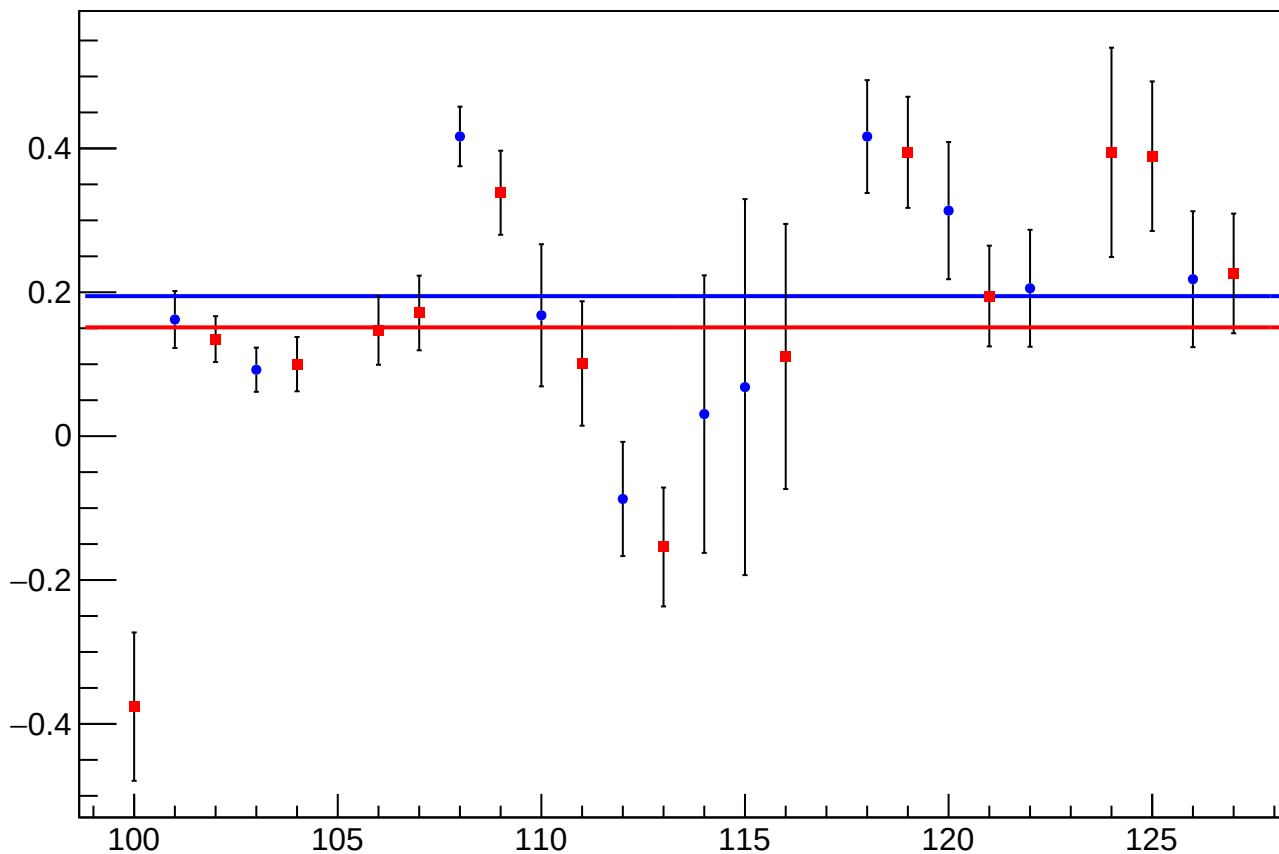
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -21.423 $\pm$ 0.235 χ^2 /NDF: 10466.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.195+/-0.018 χ^2/NDF : 63.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.151+/-0.016 χ^2/NDF : 71.9/13

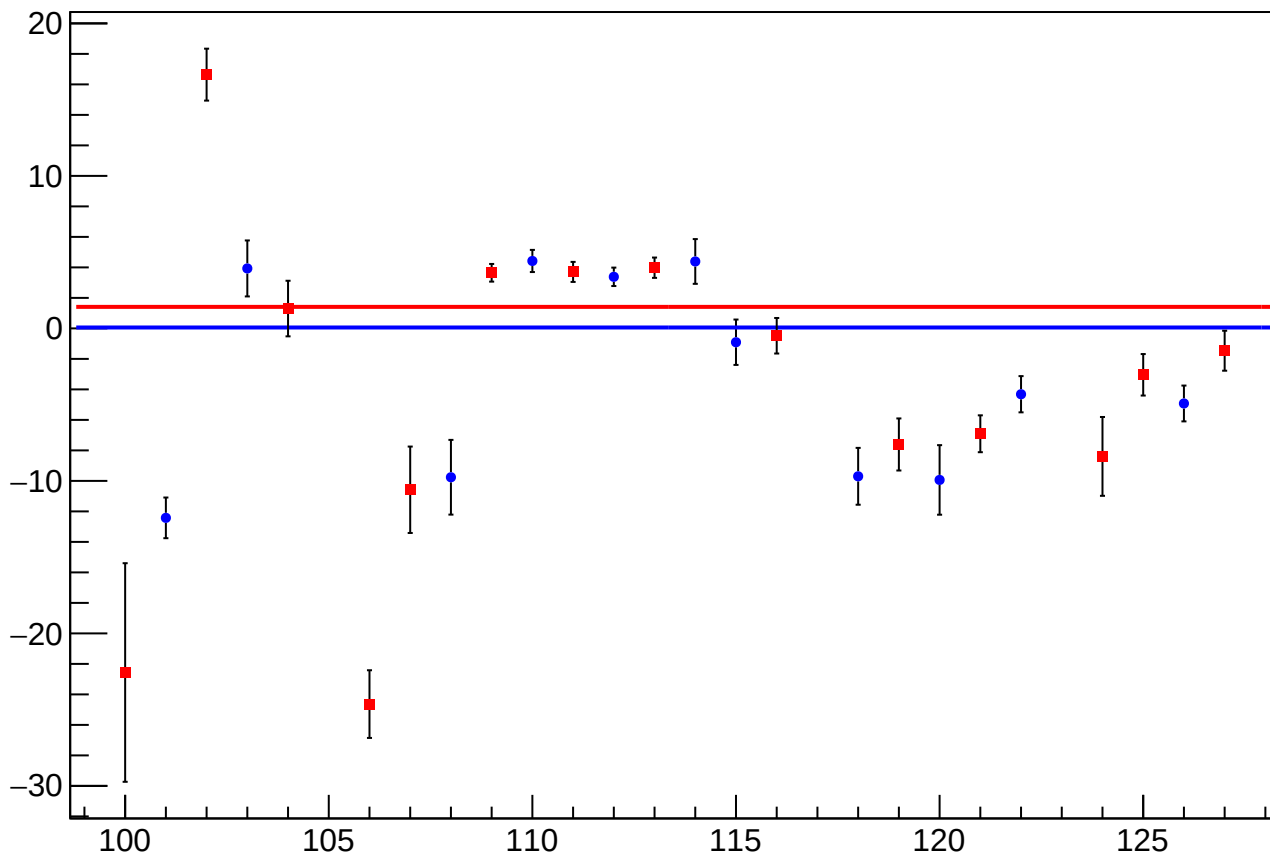
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.171+/-0.012 χ^2/NDF : 138.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



Right In: 0.059+/-0.343 χ^2/NDF : 261.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.411+/-0.294 χ^2/NDF : 396.6/13

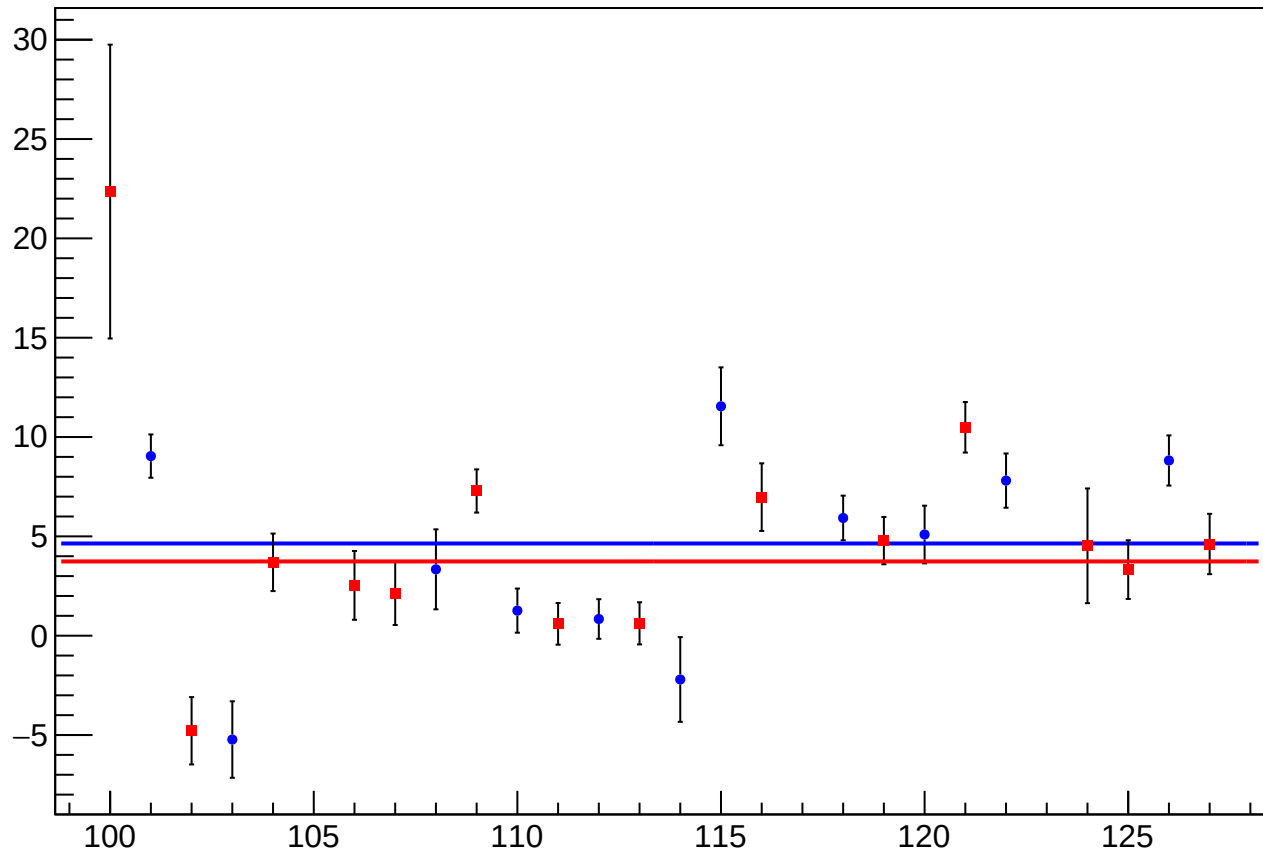
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.839+/-0.223 χ^2/NDF : 667.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 4.641 $\pm$ 0.405 χ^2 /NDF: 107.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.738 $\pm$ 0.381 χ^2 /NDF: 94.4/13

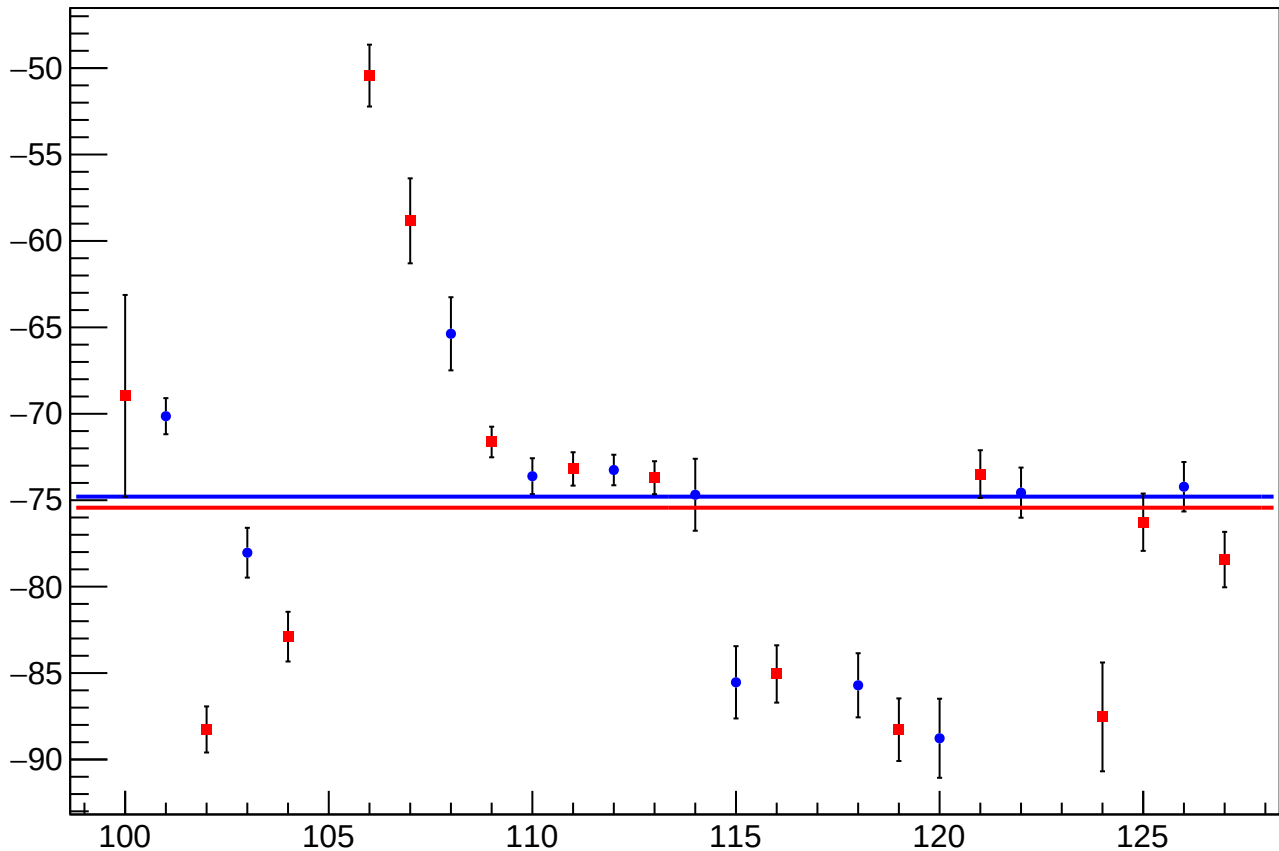
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.161 $\pm$ 0.278 χ^2 /NDF: 204.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -74.794 $\pm$ 0.418 χ^2 /NDF: 147.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -75.433 $\pm$ 0.377 χ^2 /NDF: 493.1/13

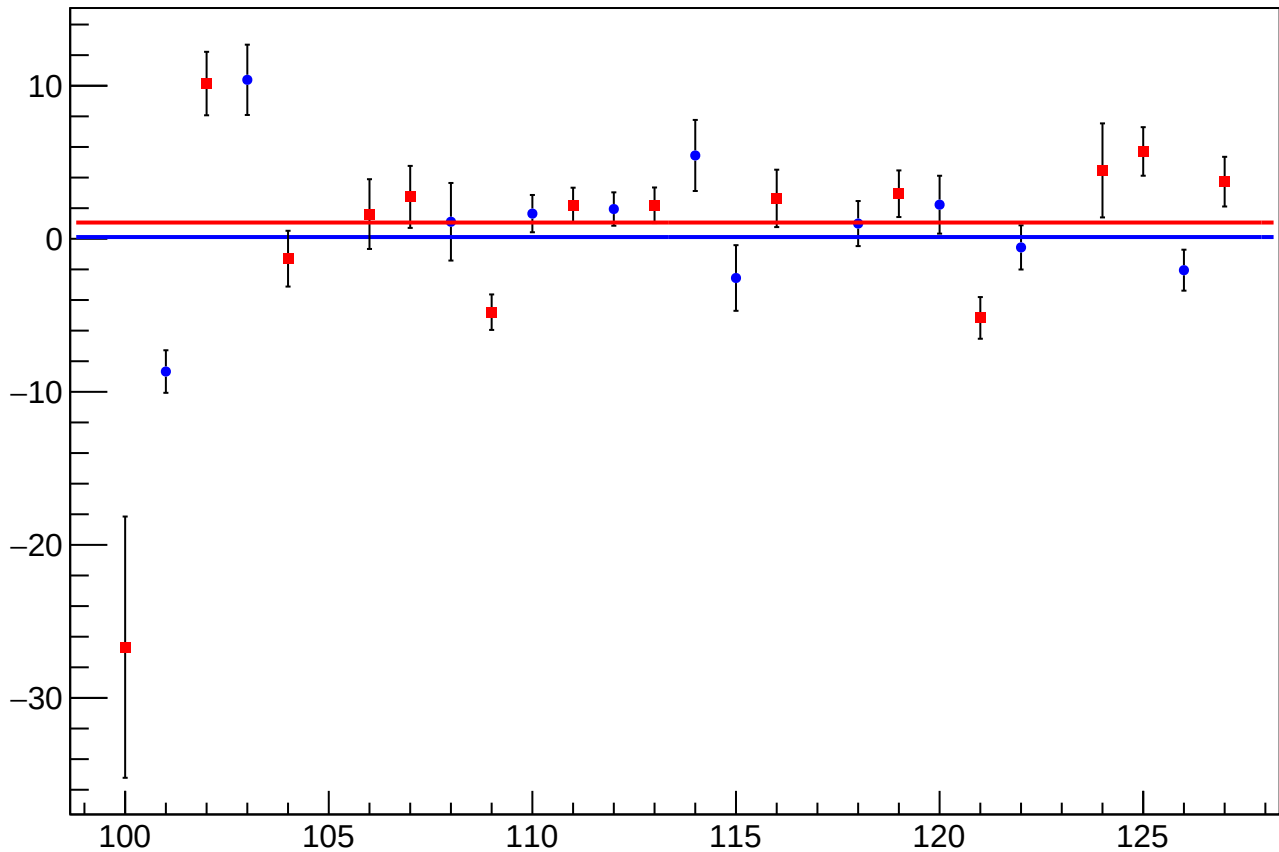
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -75.146 $\pm$ 0.280 χ^2 /NDF: 642.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 0.114 ± 0.468 χ^2/NDF : 75.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.062 ± 0.432 χ^2/NDF : 95.3/13

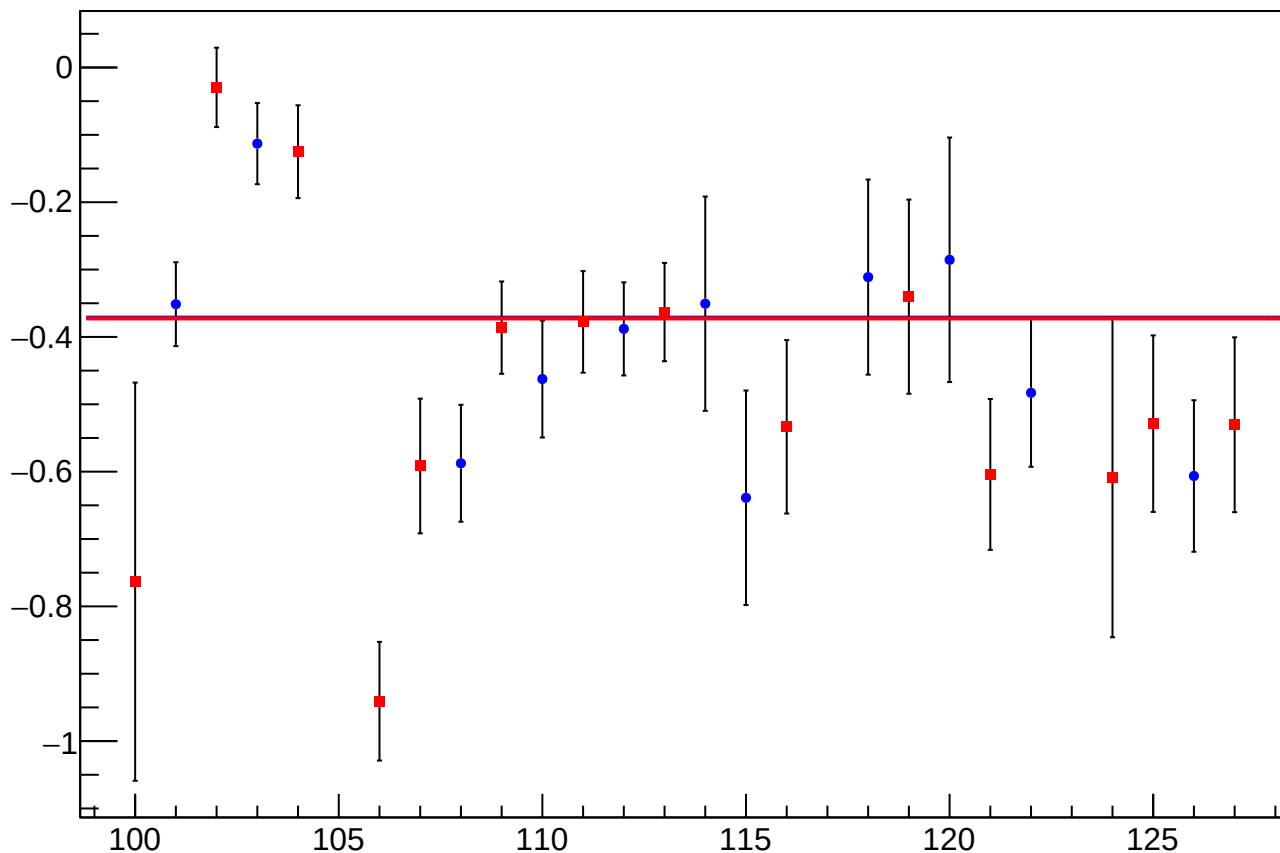
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.627 ± 0.317 χ^2/NDF : 173.3/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.371 ± 0.027 χ^2/NDF : 34.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.373 ± 0.025 χ^2/NDF : 104.8/13

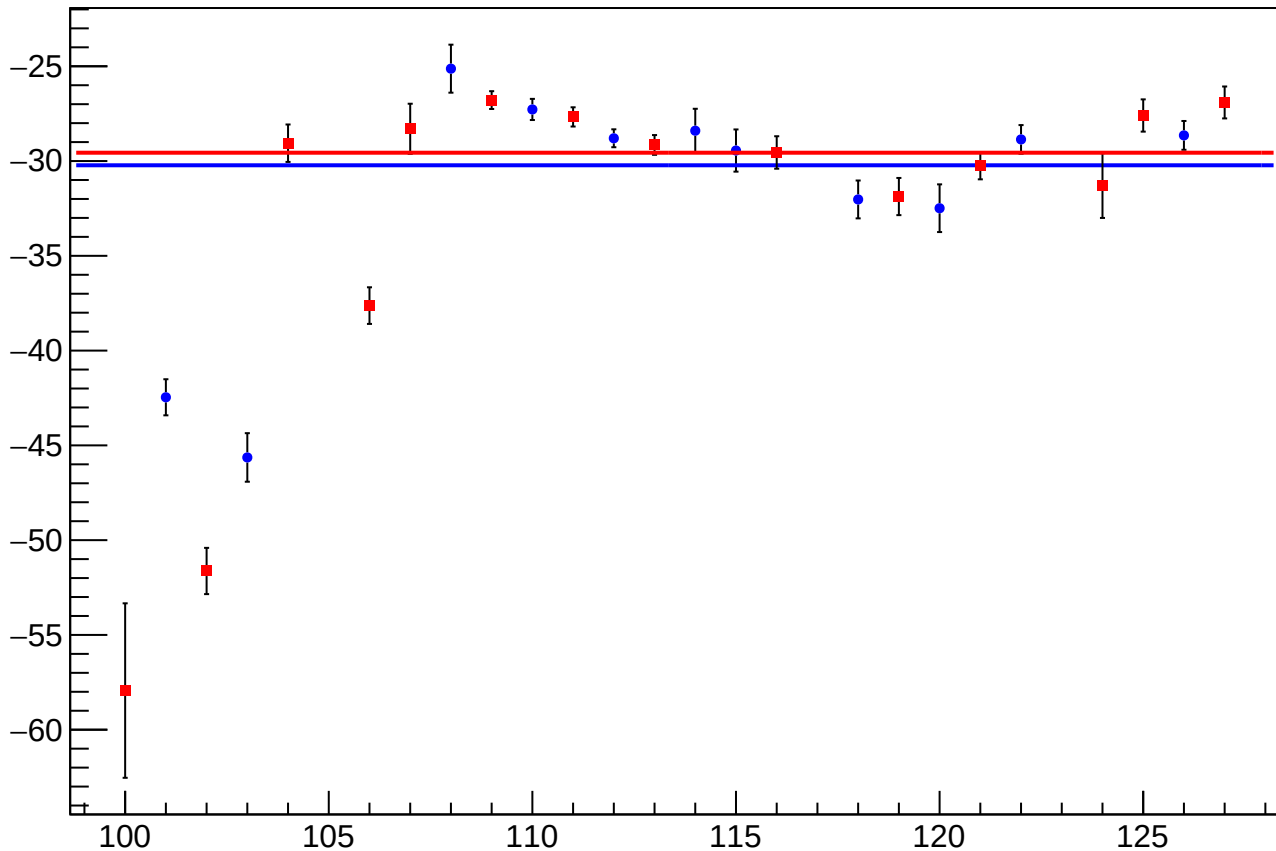
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.372 ± 0.018 χ^2/NDF : 139.2/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



Right In: -30.223 ± 0.245 χ^2/NDF : 380.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -29.560 ± 0.209 χ^2/NDF : 508.1/13

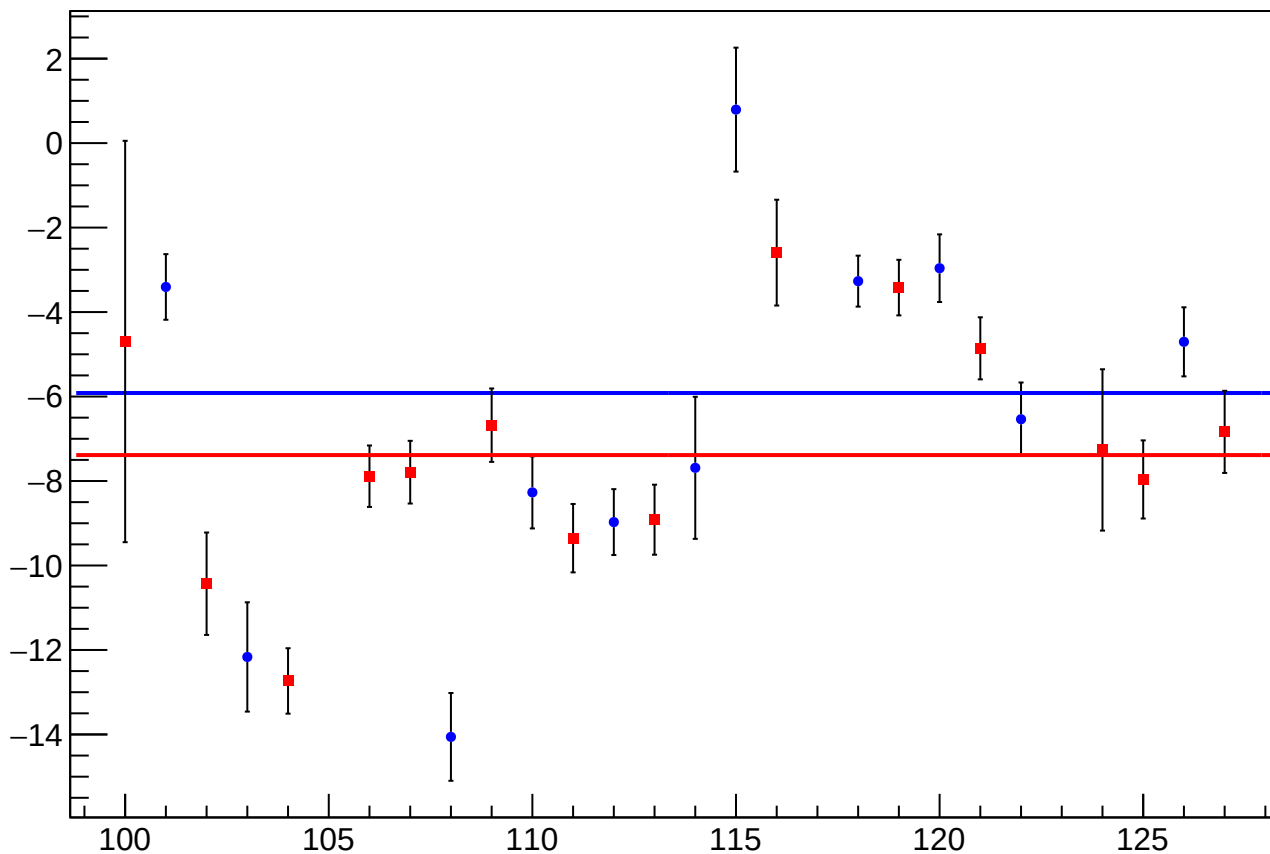
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -29.839 ± 0.159 χ^2/NDF : 892.7/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -5.916 $\pm$ 0.266 χ^2 /NDF: 175.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -7.386 $\pm$ 0.238 χ^2 /NDF: 128.6/13

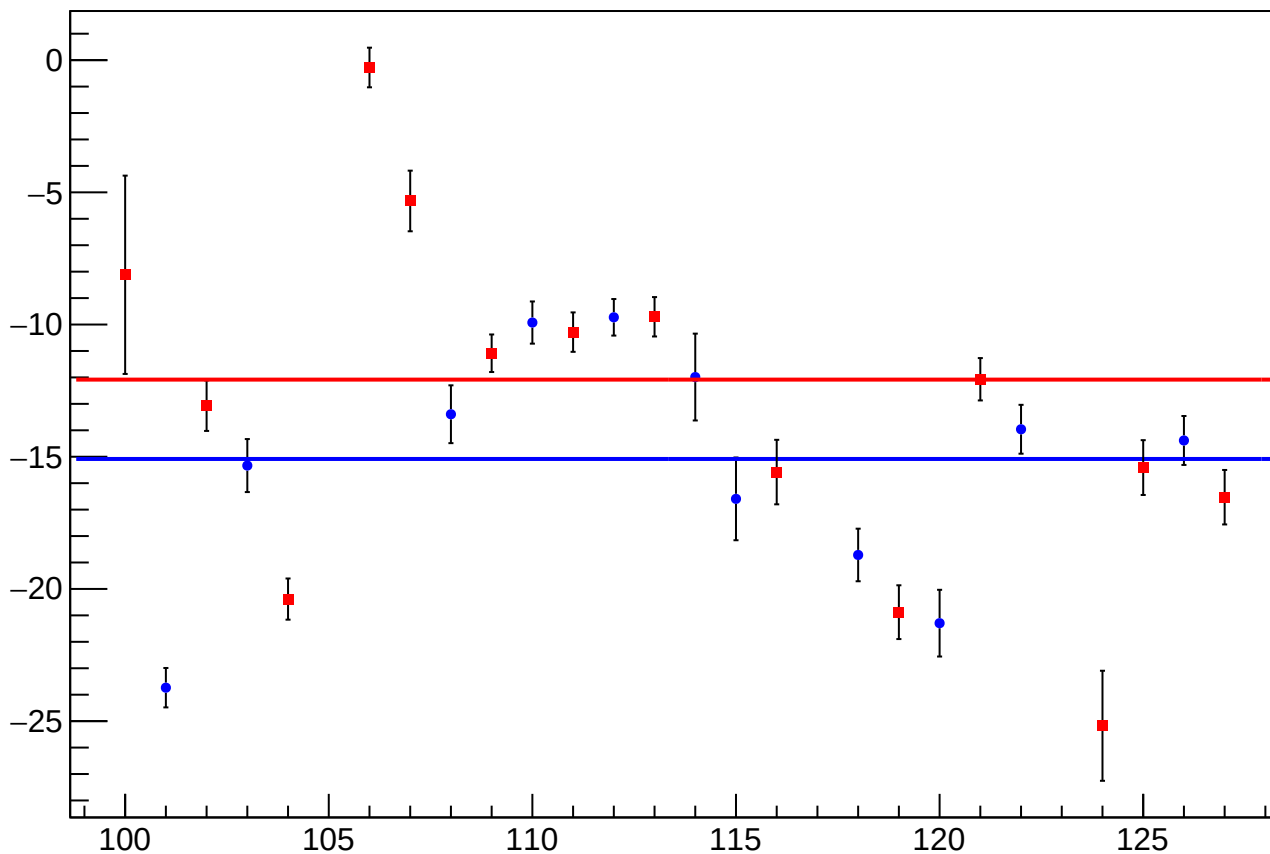
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -6.733 $\pm$ 0.177 χ^2 /NDF: 321.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: -15.084+/-0.288 χ^2/NDF : 283.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.083+/-0.248 χ^2/NDF : 568.0/13

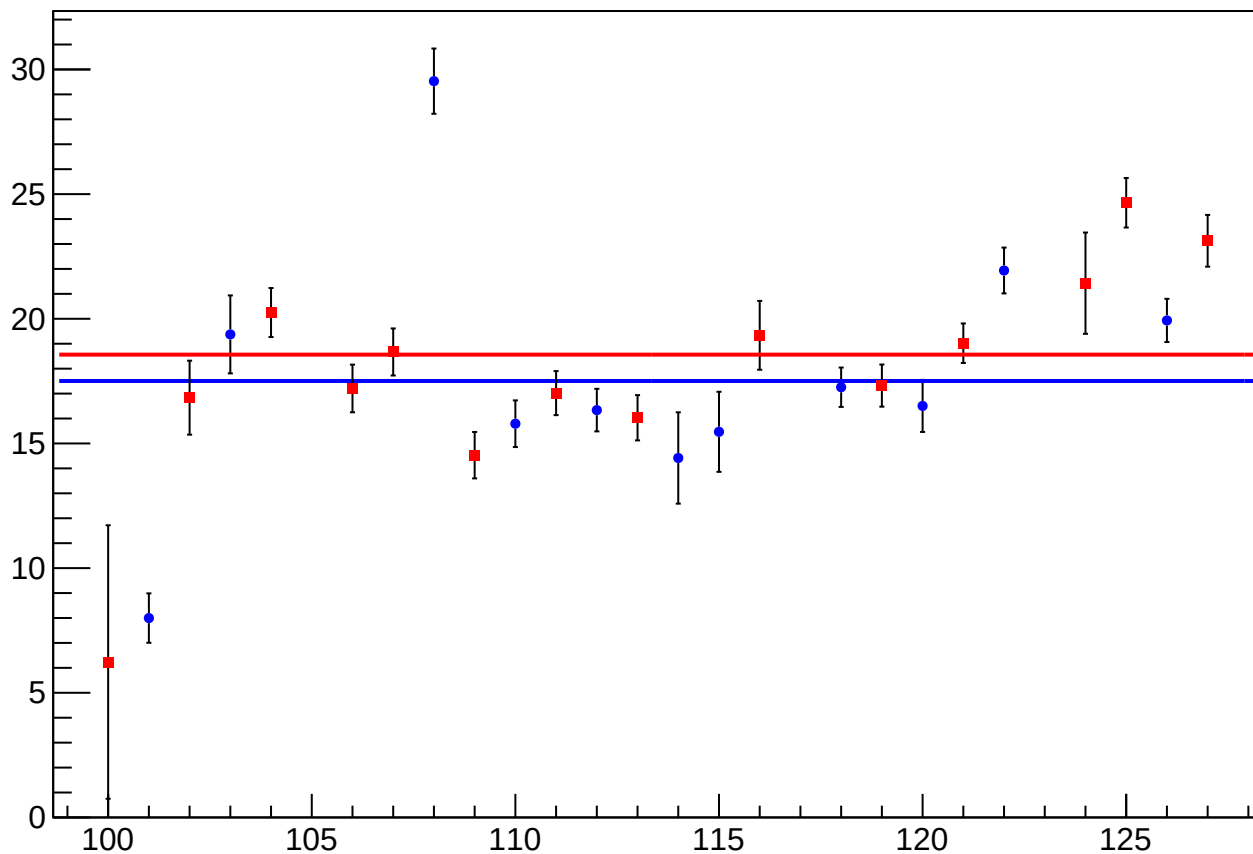
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.361+/-0.188 χ^2/NDF : 913.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 17.506 $\pm$ 0.312 χ^2 /NDF: 219.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 18.562 $\pm$ 0.276 χ^2 /NDF: 102.7/13

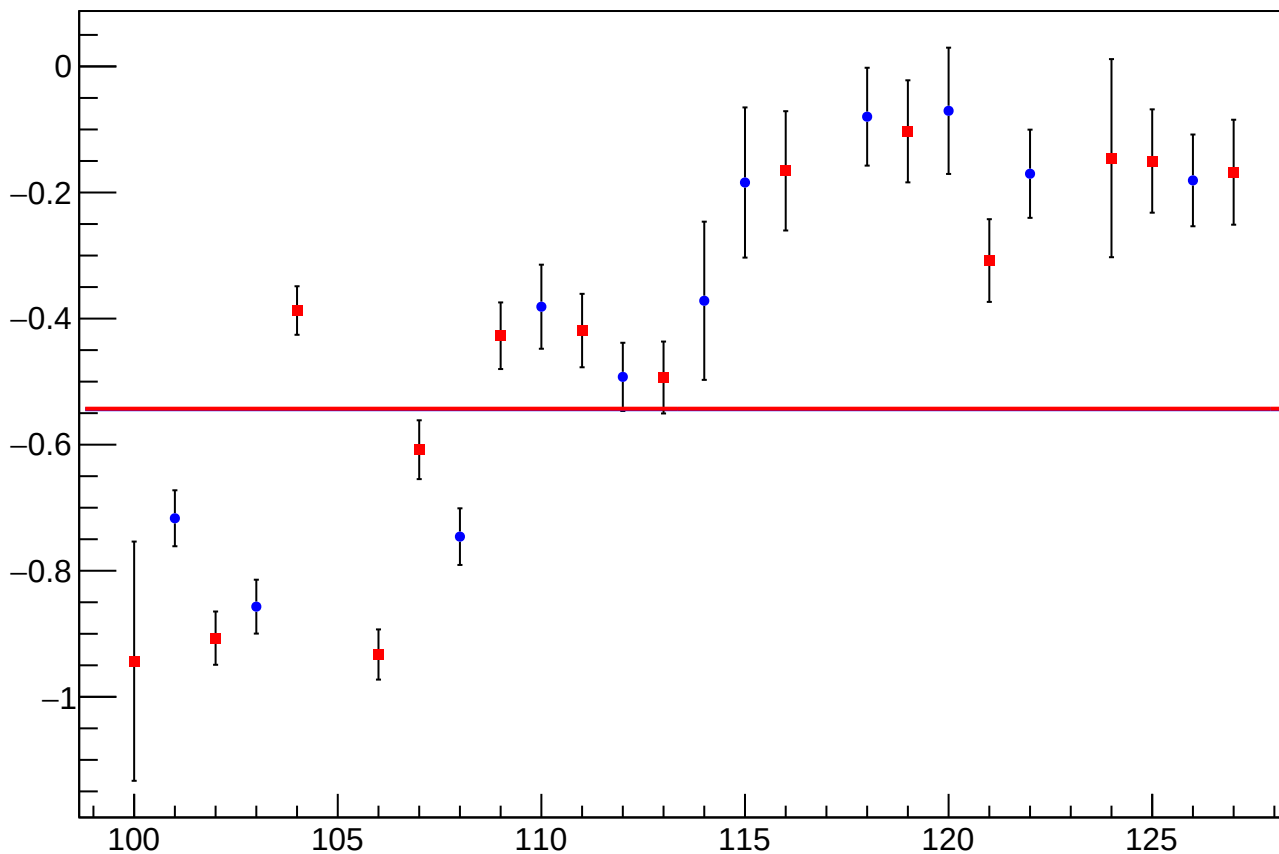
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.098 $\pm$ 0.207 χ^2 /NDF: 328.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.544 ± 0.019 χ^2/NDF : 218.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.543 ± 0.016 χ^2/NDF : 310.9/13

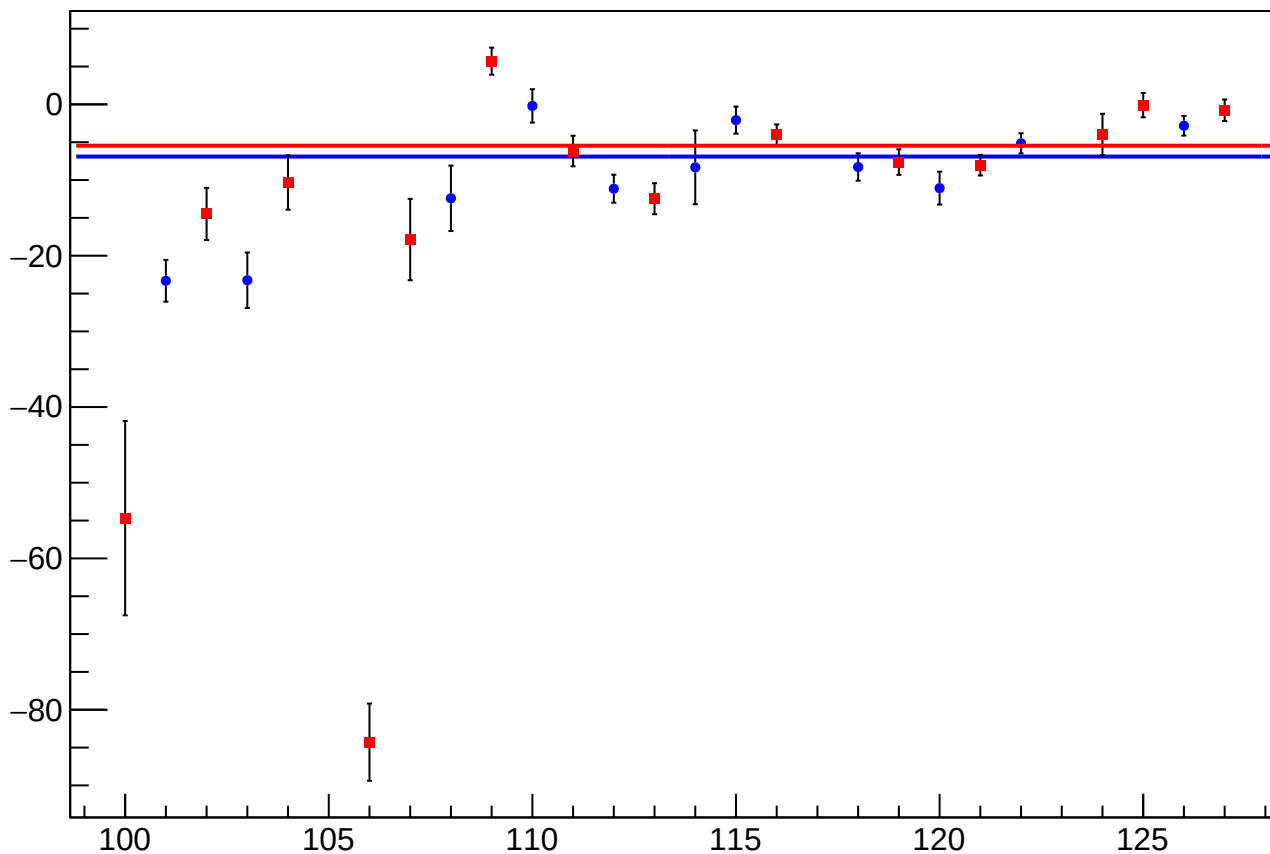
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.543 ± 0.012 χ^2/NDF : 529.3/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



Right In: -6.895+/-0.599 χ^2/NDF : 94.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.461+/-0.536 χ^2/NDF : 346.7/13

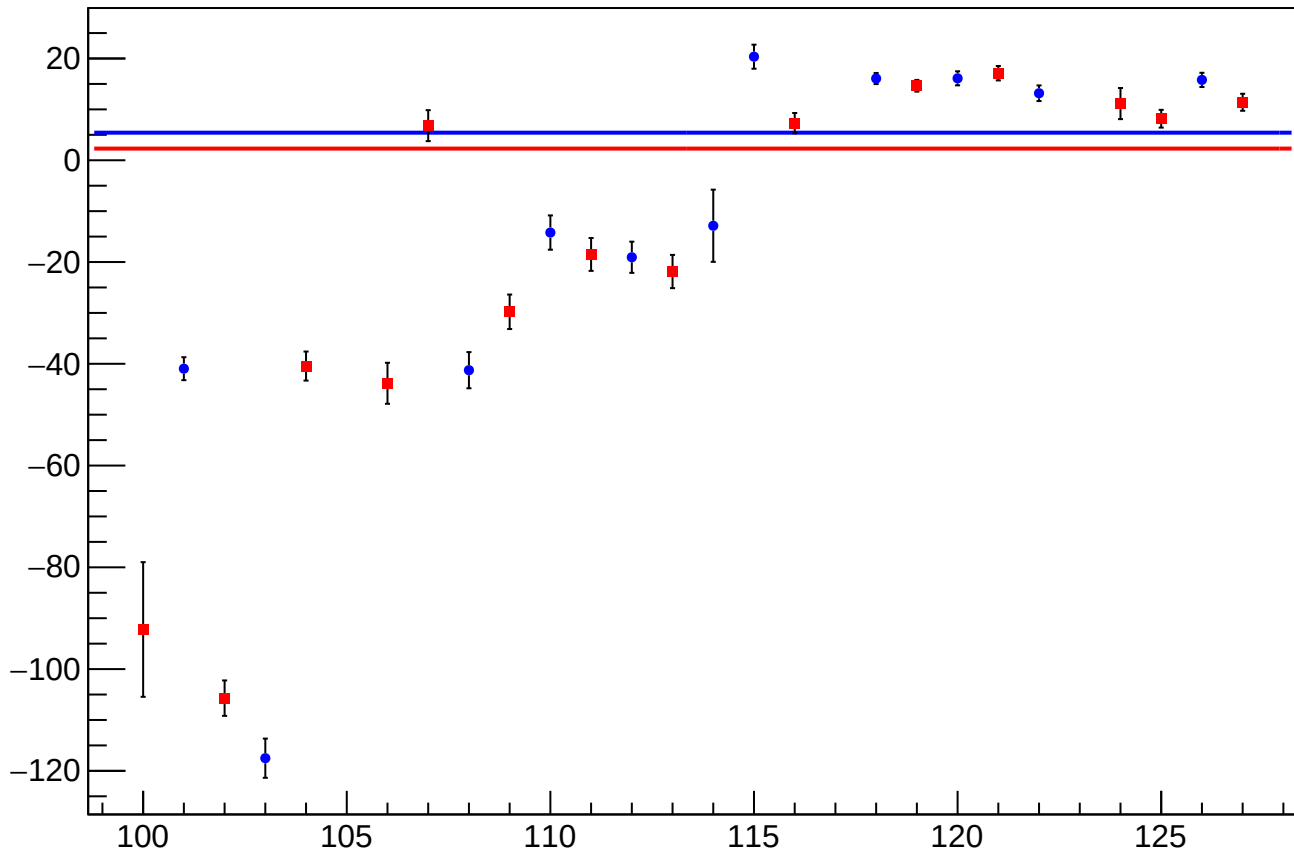
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.098+/-0.399 χ^2/NDF : 444.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 5.423+/-0.574 χ^2/NDF : 1993.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.296+/-0.582 χ^2/NDF : 1837.1/13

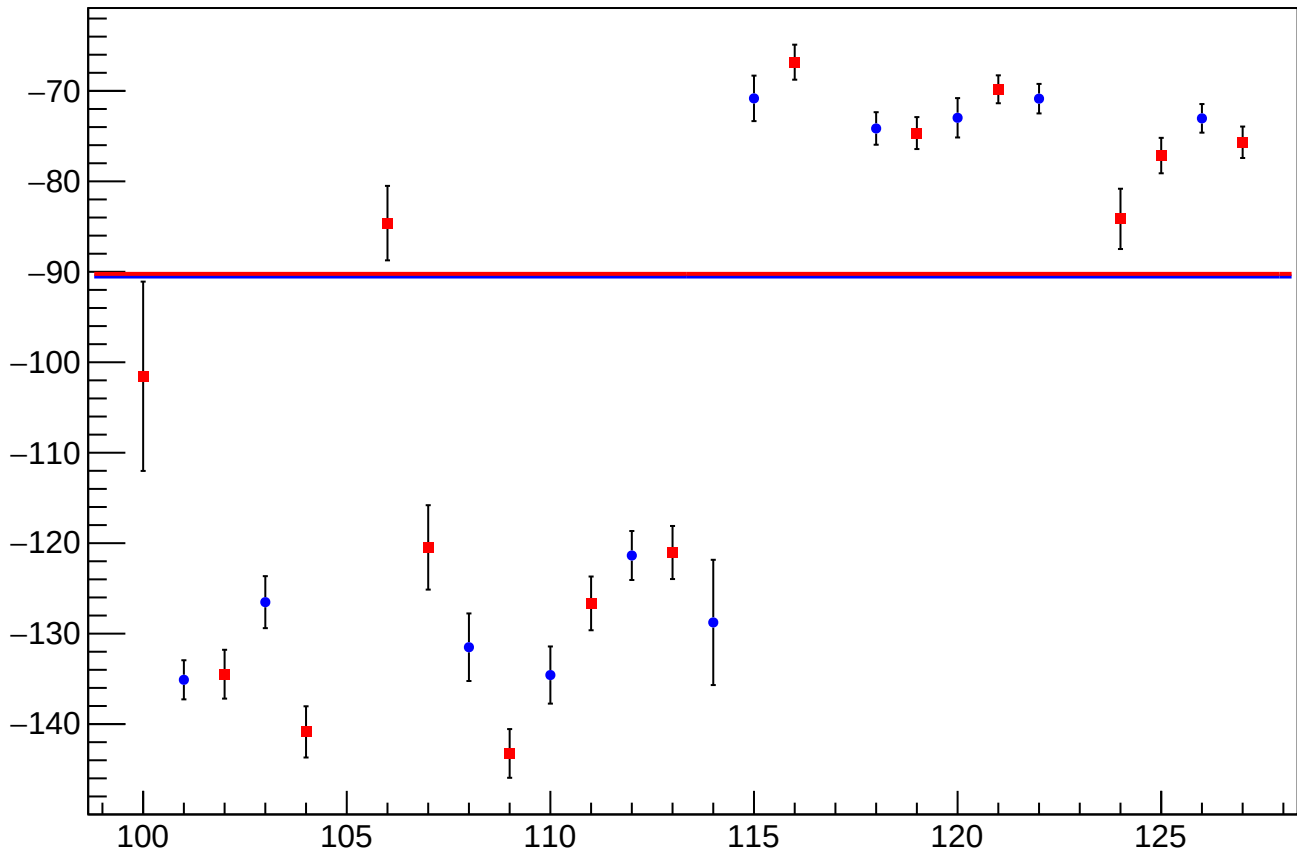
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.879+/-0.409 χ^2/NDF : 3845.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -90.521+/-0.687 χ^2/NDF : 1533.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -90.227+/-0.641 χ^2/NDF : 1798.5/13

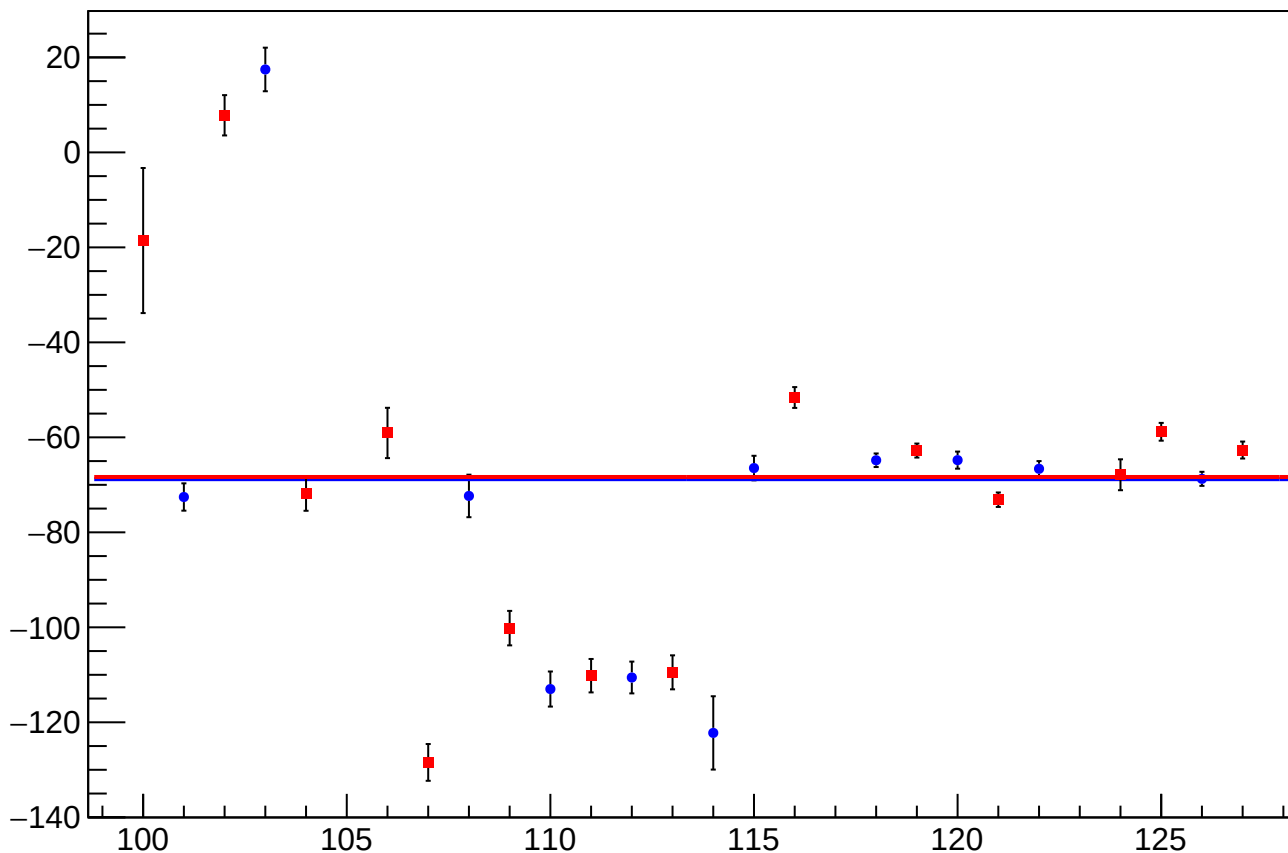
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -90.364+/-0.469 χ^2/NDF : 3332.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -68.806 $\pm$ 0.677 χ^2 /NDF: 717.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -68.347 $\pm$ 0.664 χ^2 /NDF: 1046.2/13

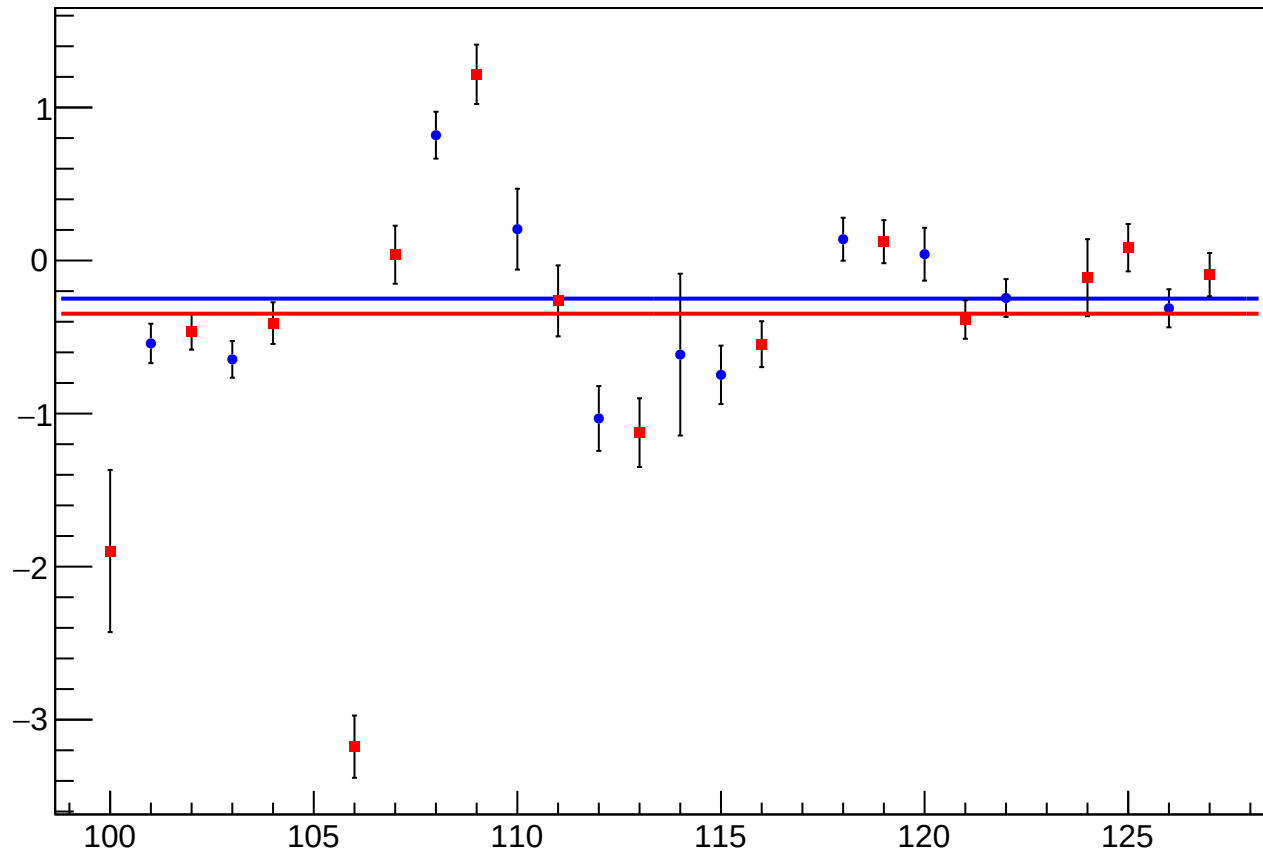
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -68.572 $\pm$ 0.474 χ^2 /NDF: 1764.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: -0.249 ± 0.047 χ^2/NDF : 99.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.347 ± 0.044 χ^2/NDF : 309.3/13

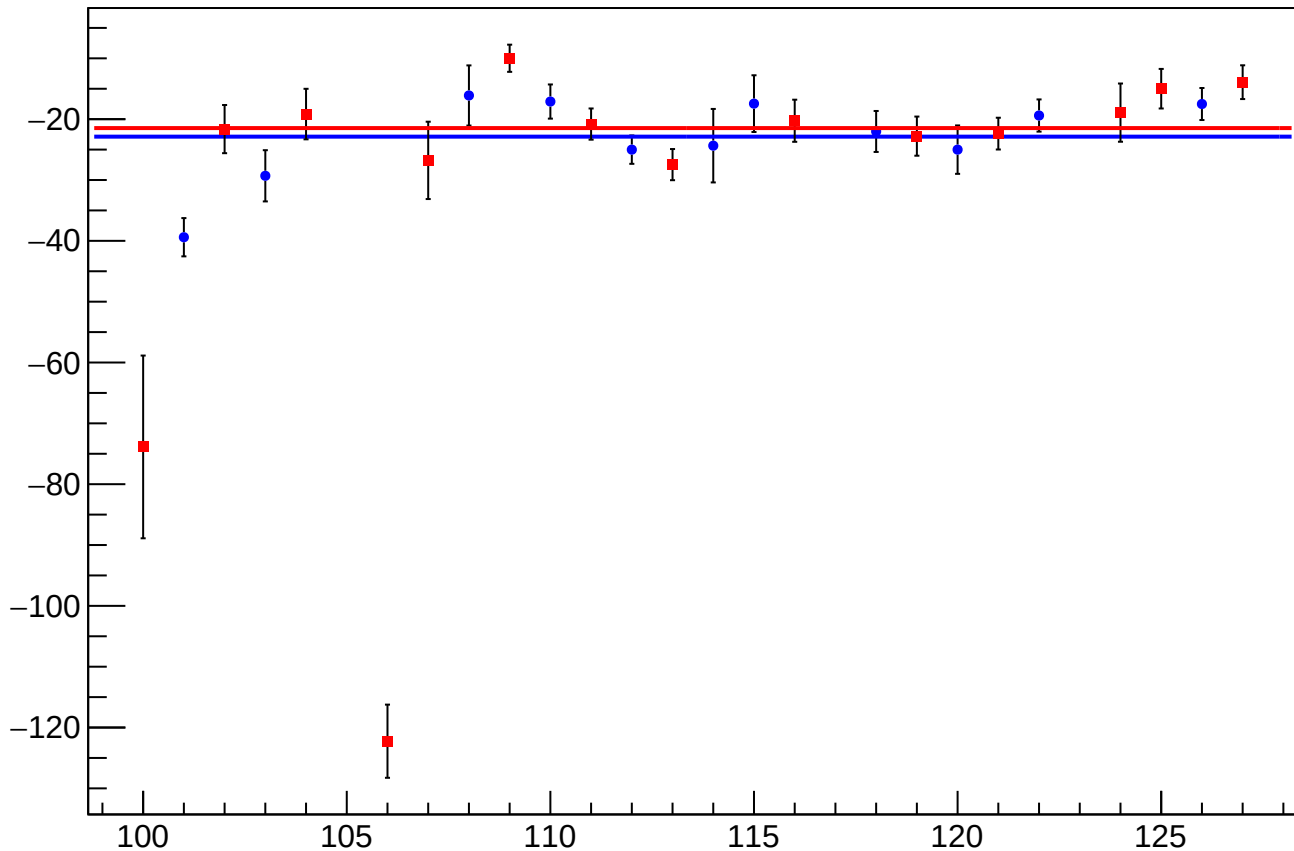
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.301 ± 0.032 χ^2/NDF : 411.1/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



Right In: -22.872 ± 0.990 χ^2/NDF : 44.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -21.464 ± 0.884 χ^2/NDF : 338.0/13

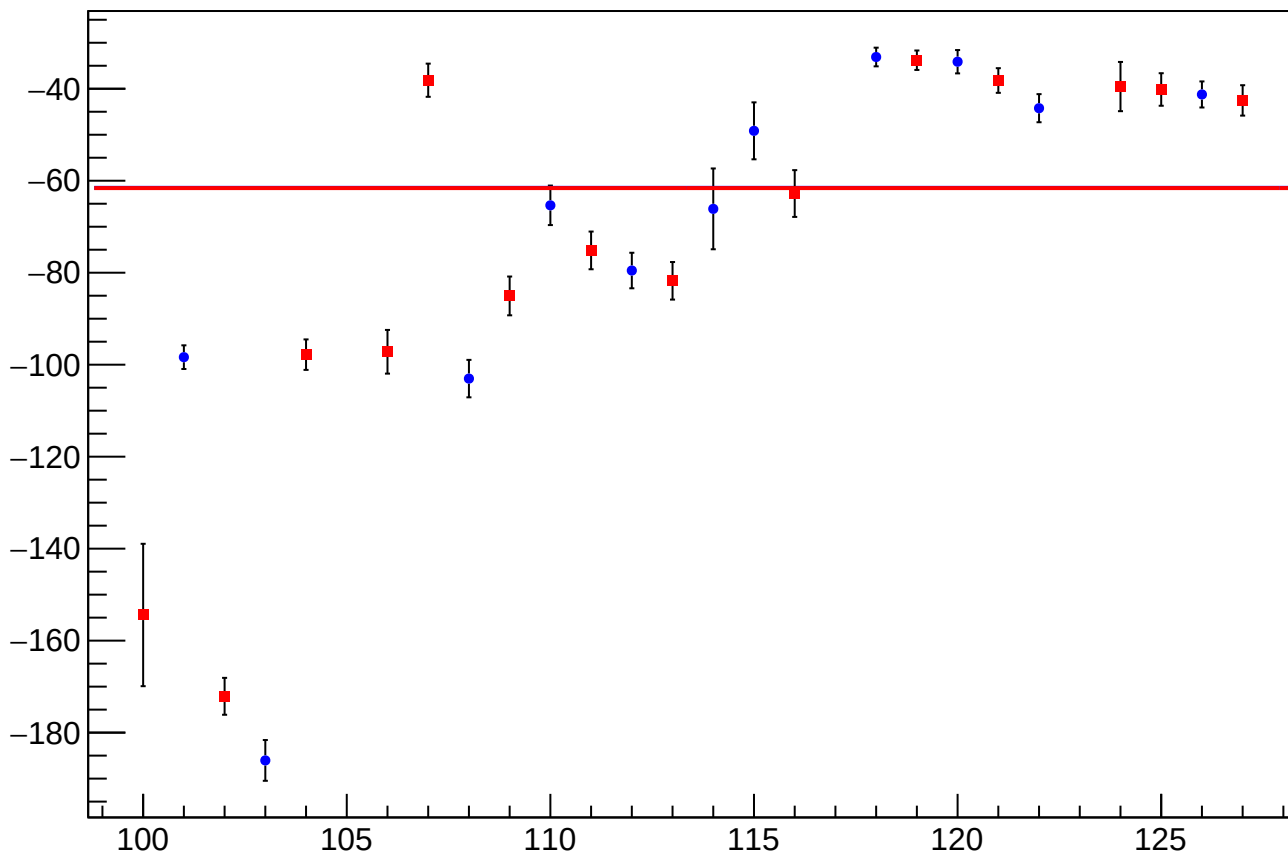
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -22.089 ± 0.659 χ^2/NDF : 383.7/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -61.549+/-0.975 χ^2/NDF : 1520.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -61.602+/-0.970 χ^2/NDF : 1414.7/13

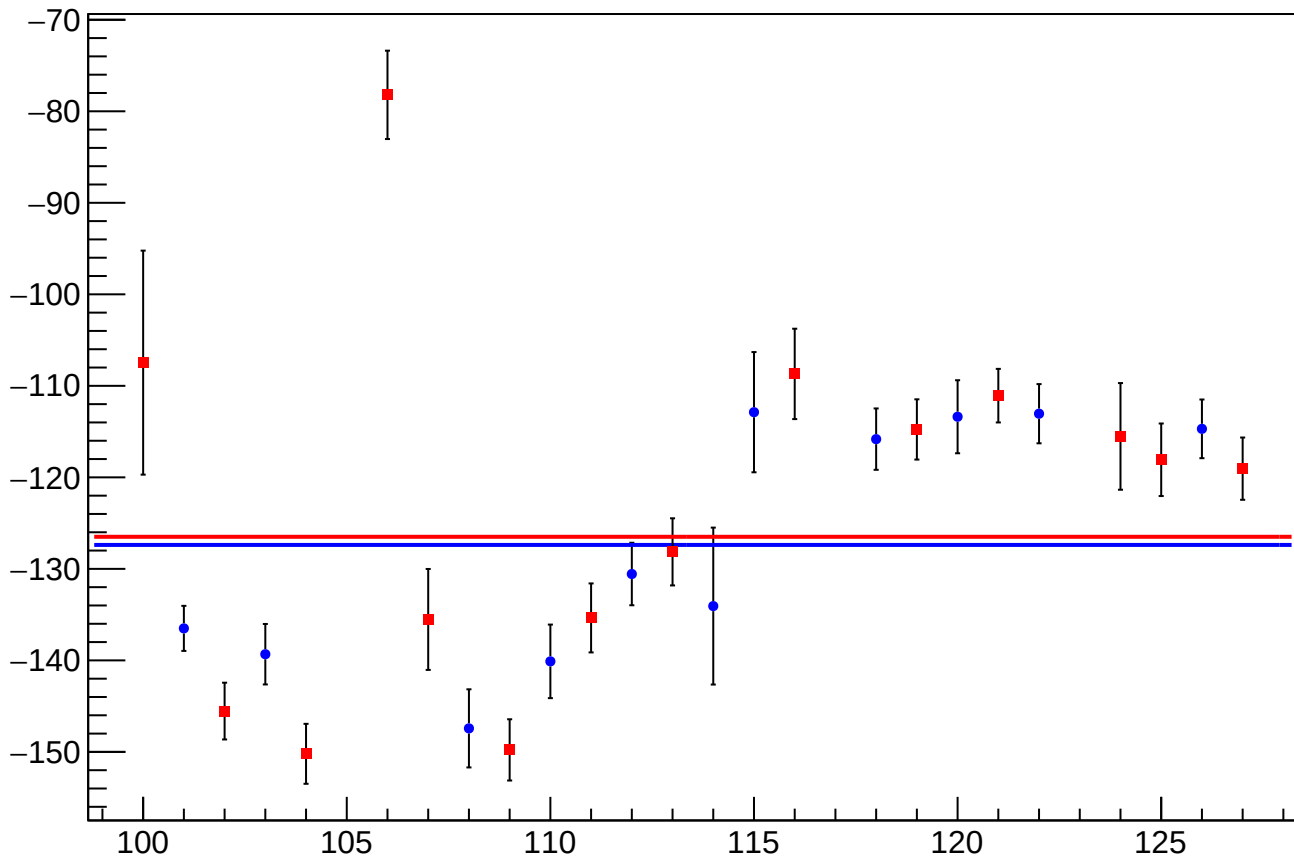
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -61.576+/-0.688 χ^2/NDF : 2935.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -127.384+/-1.091 χ^2/NDF : 124.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -126.495+/-1.030 χ^2/NDF : 315.7/13

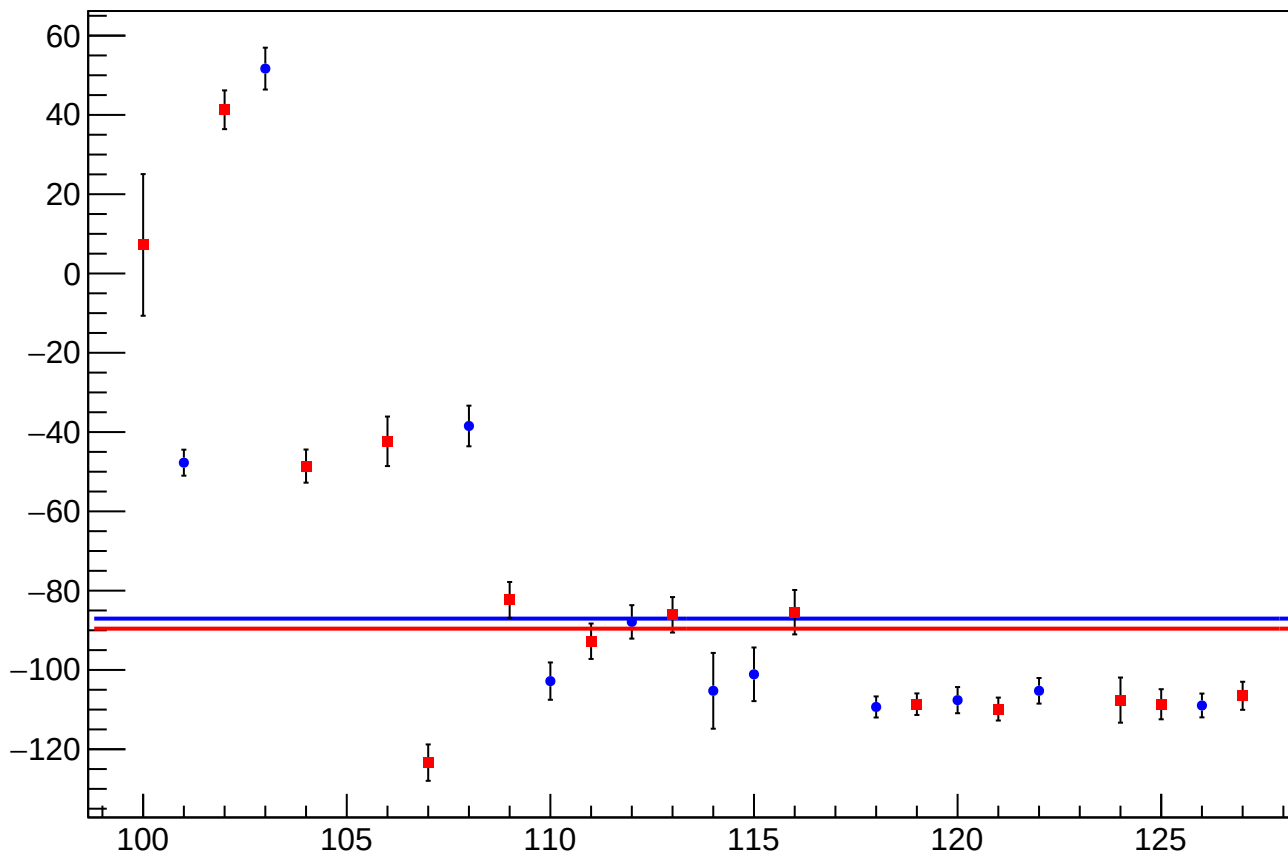
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -126.914+/-0.749 χ^2/NDF : 440.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -87.051 $\pm$ 1.161 χ^2 /NDF: 1137.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -89.582 $\pm$ 1.124 χ^2 /NDF: 1114.9/13

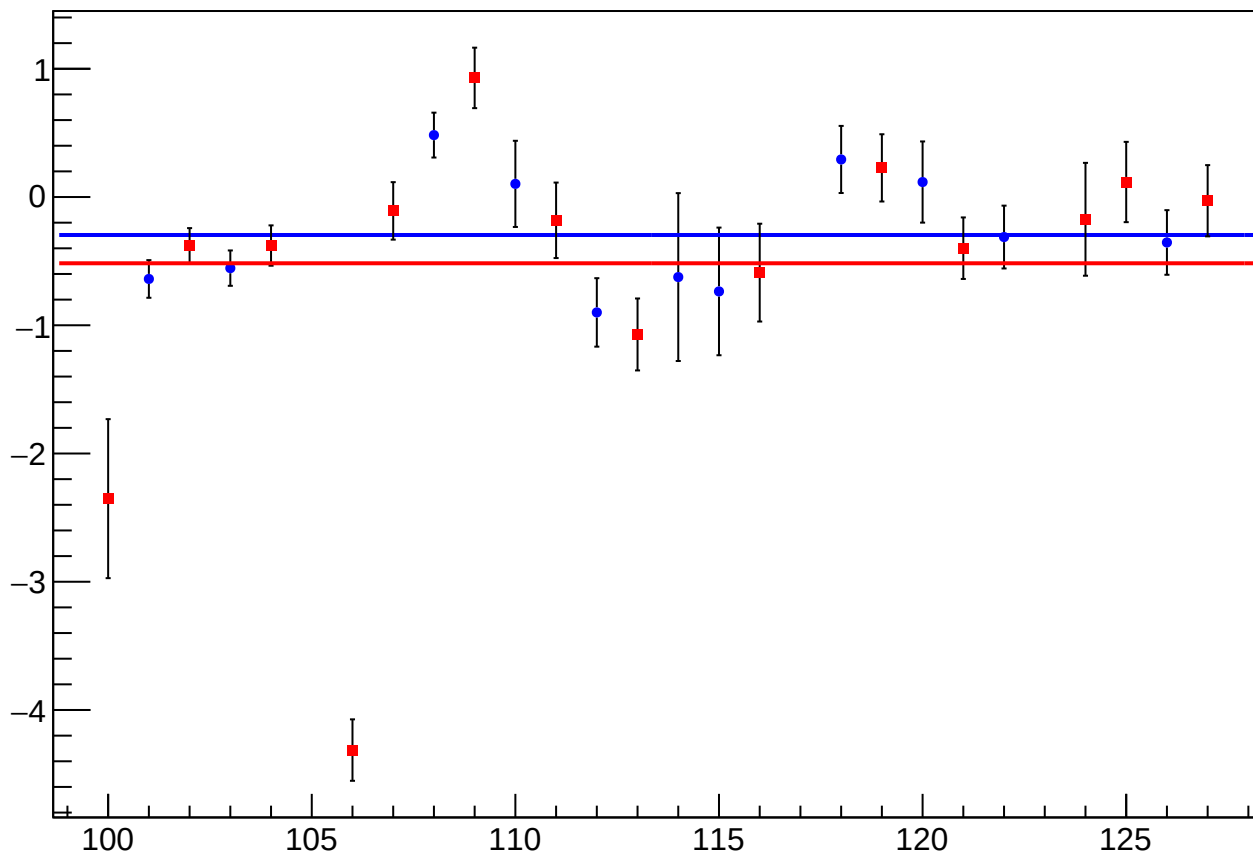
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -88.358 $\pm$ 0.808 χ^2 /NDF: 2255.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.296+/-0.068 χ^2 /NDF: 43.2/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.517+/-0.064 χ^2 /NDF: 323.8/13

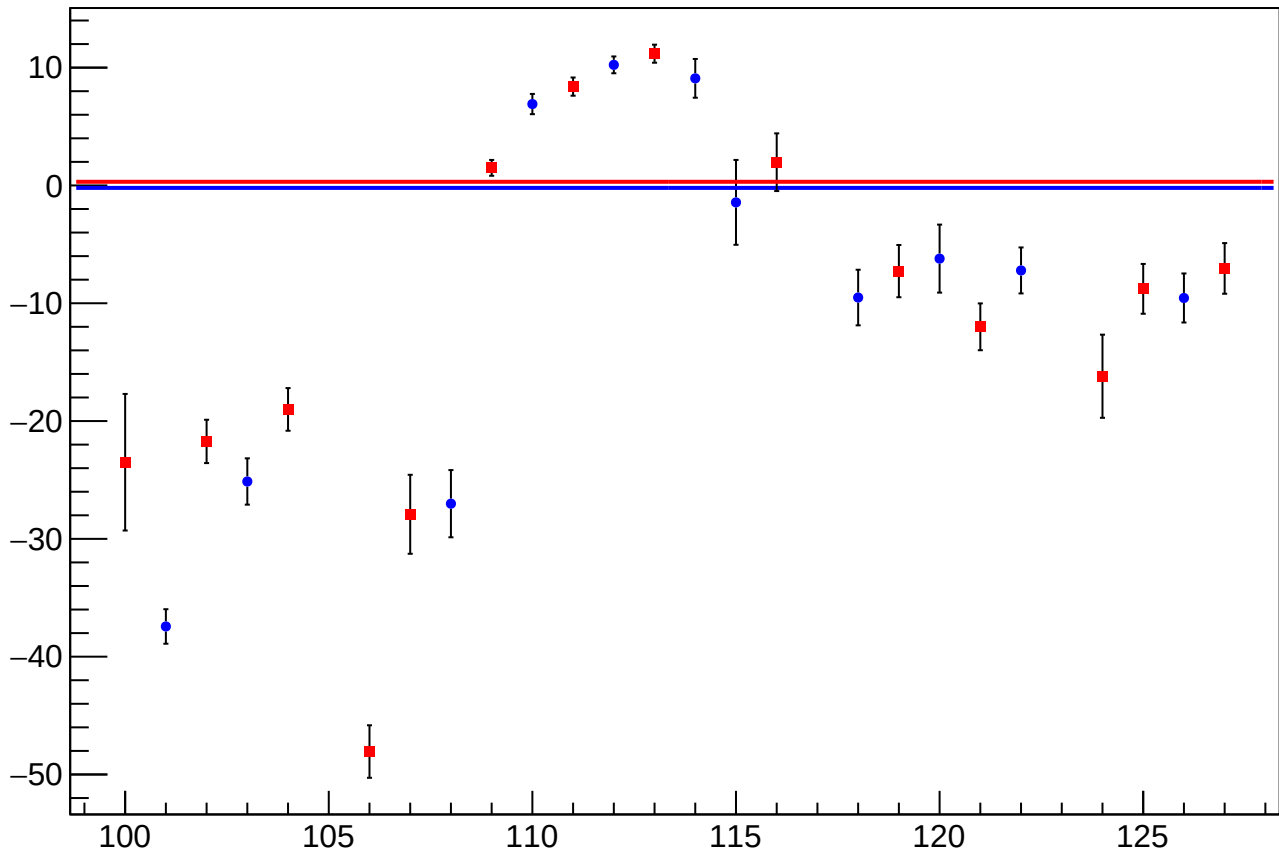
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.412+/-0.047 χ^2 /NDF: 372.6/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



Right In: -0.208+/-0.430 χ^2/NDF : 1262.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.311+/-0.361 χ^2/NDF : 1232.6/13

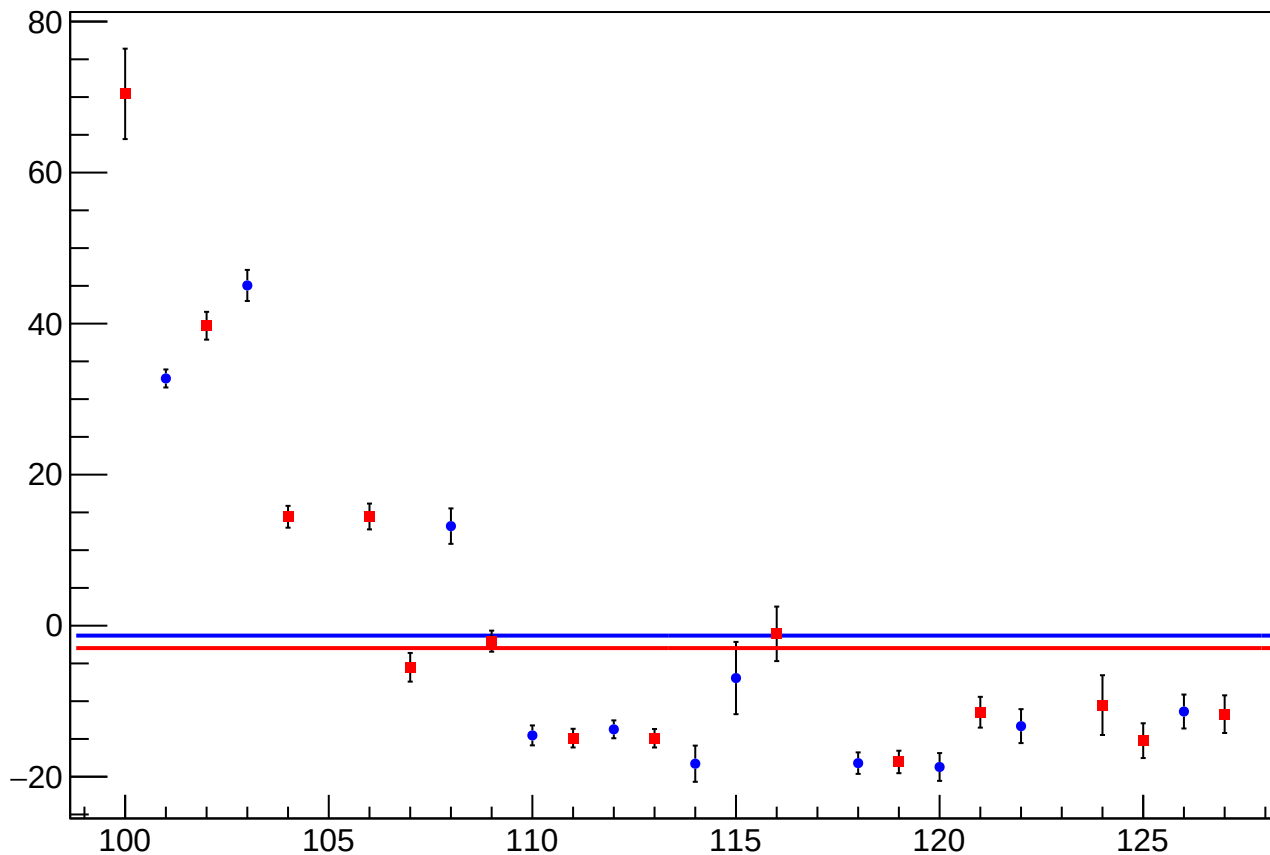
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.096+/-0.277 χ^2/NDF : 2495.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -1.315+/-0.512 χ^2/NDF : 1900.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.968+/-0.474 χ^2/NDF : 1291.8/13

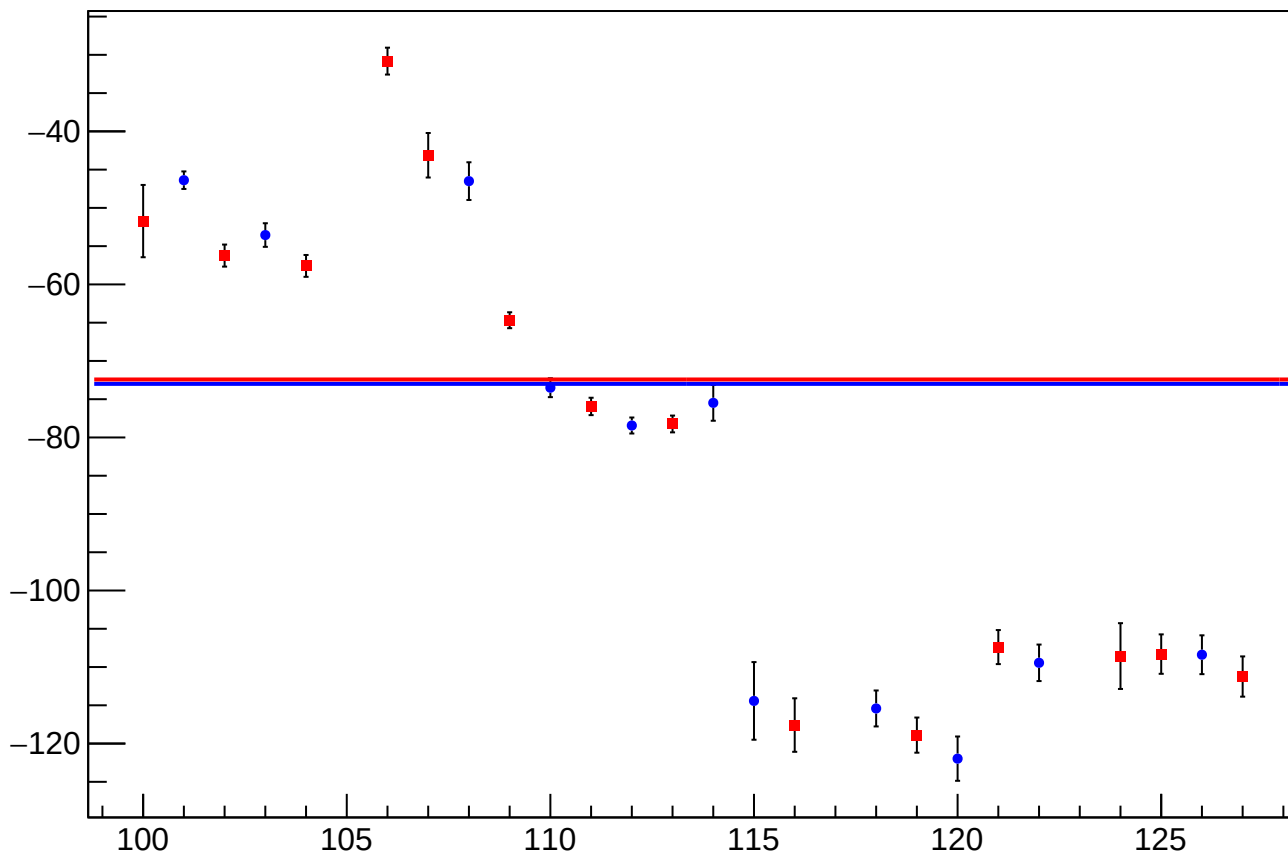
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.205+/-0.348 χ^2/NDF : 3198.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -72.996 ± 0.515 $\chi^2/\text{NDF}: 1950.0/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -72.423 ± 0.456 $\chi^2/\text{NDF}: 2314.2/13$

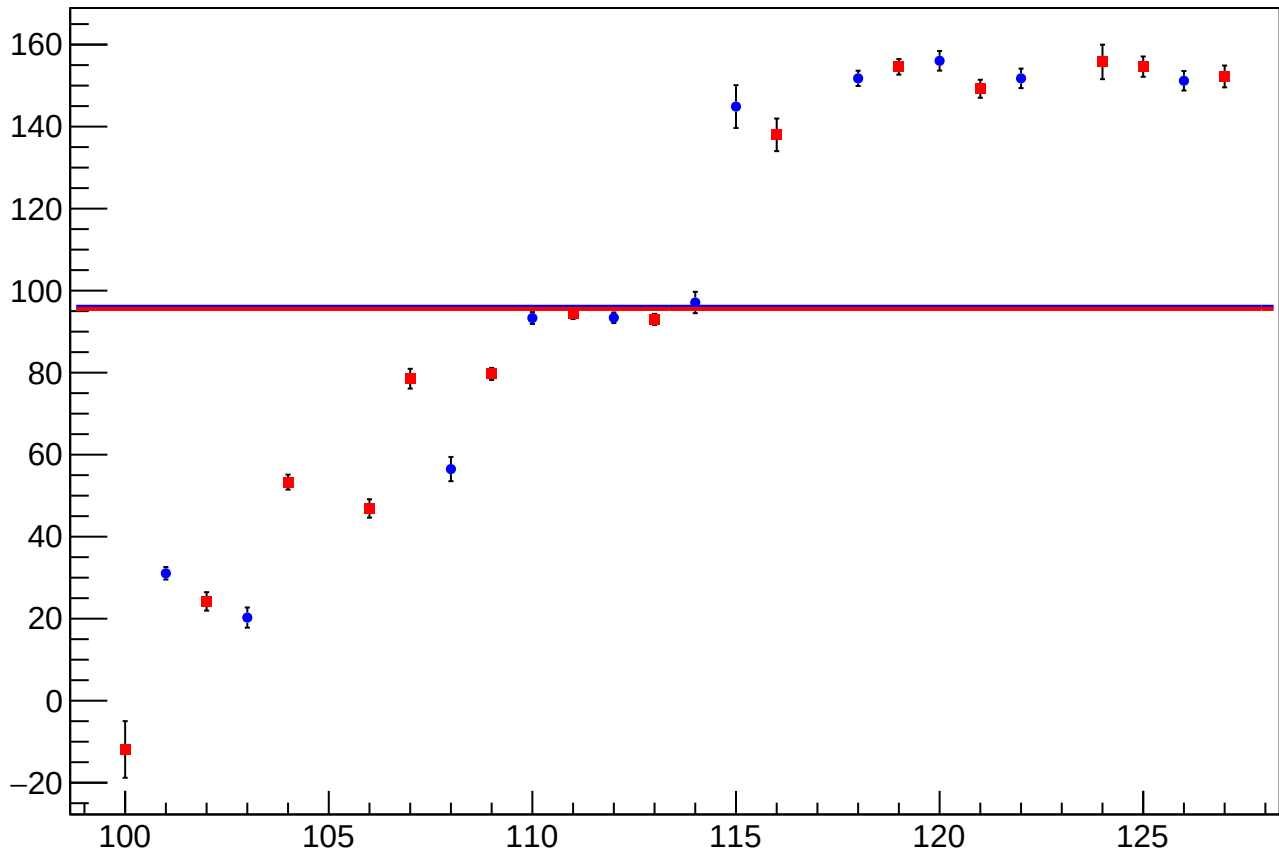
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -72.675 ± 0.341 $\chi^2/\text{NDF}: 4264.9/24$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 96.067 $\pm$ 0.599 χ^2 /NDF: 5661.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 95.530 $\pm$ 0.544 χ^2 /NDF: 5318.8/13

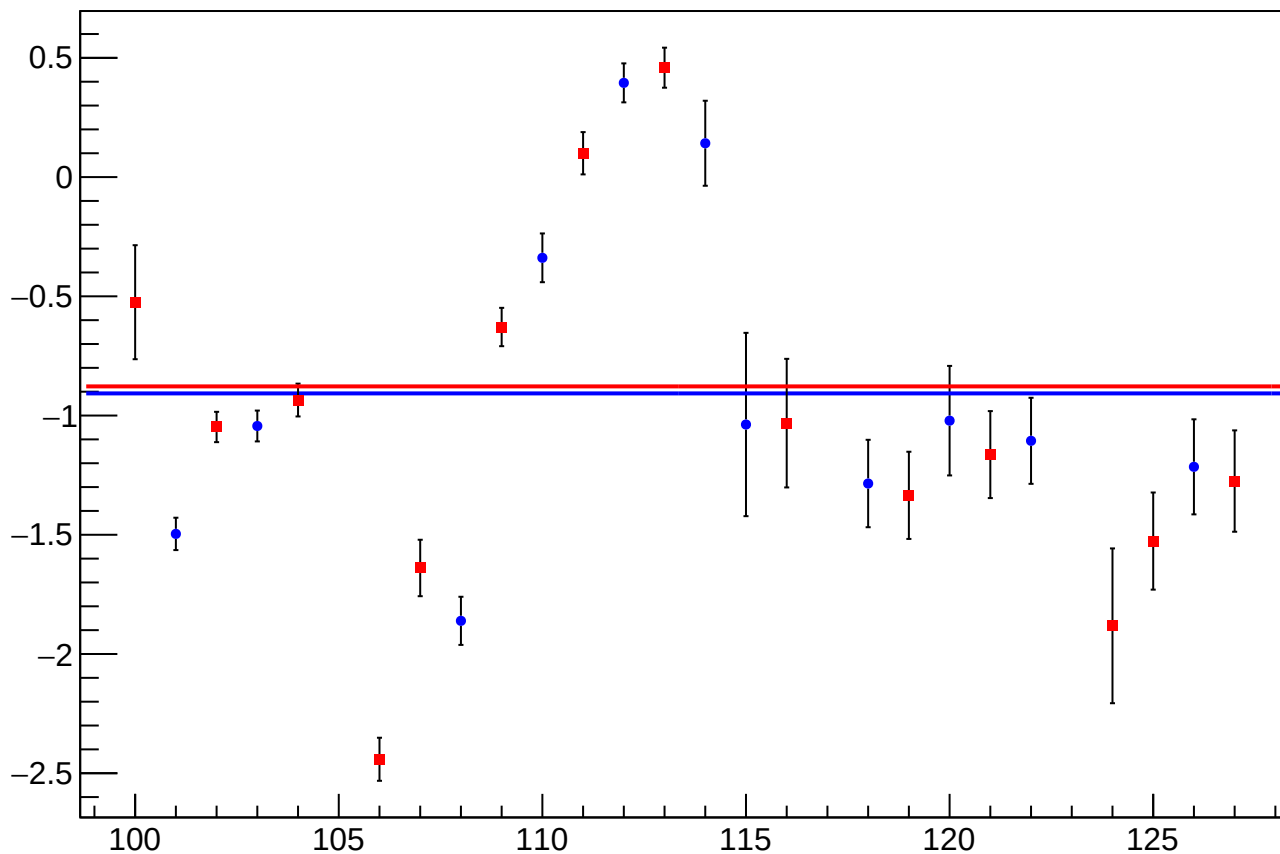
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 95.773 $\pm$ 0.403 χ^2 /NDF: 10981.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.907 ± 0.033 χ^2/NDF : 496.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.878 ± 0.029 χ^2/NDF : 768.1/13

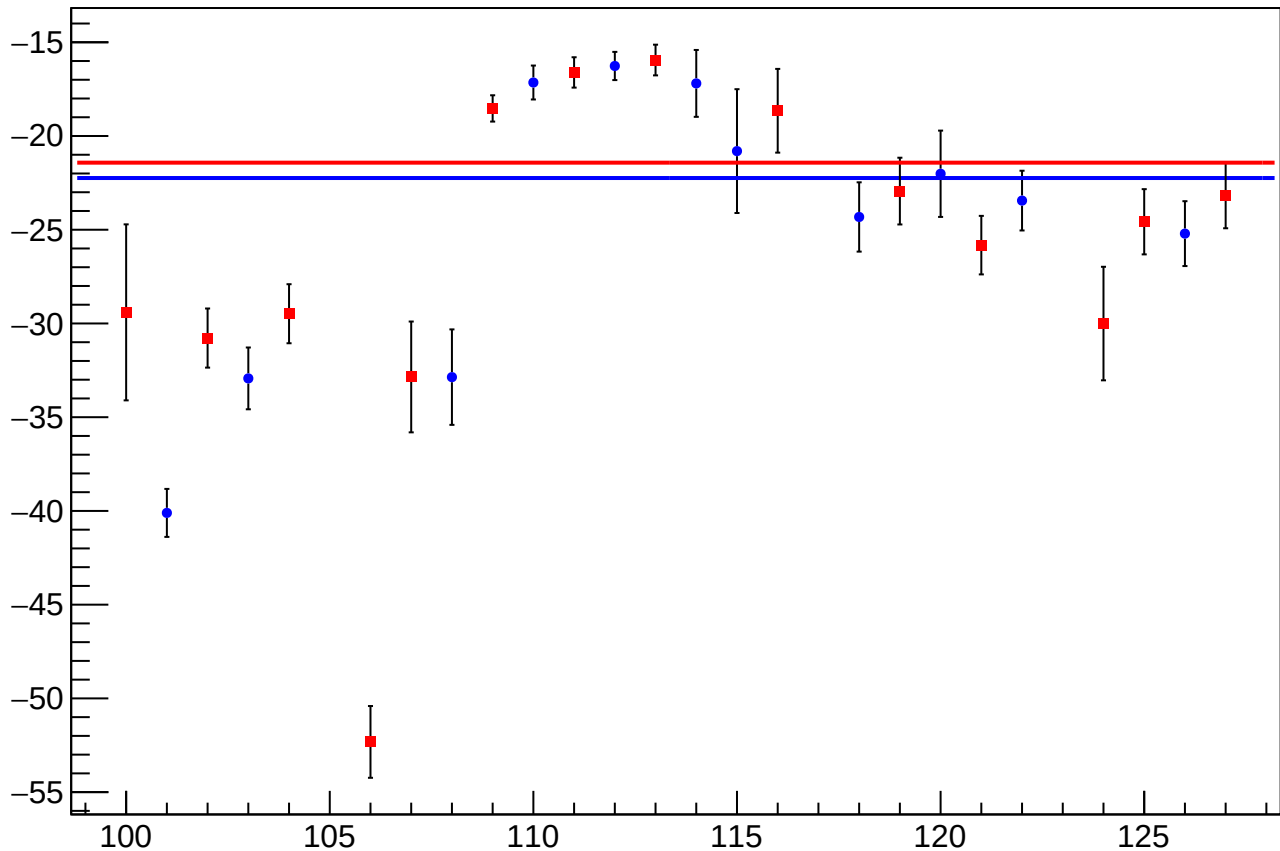
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.891 ± 0.021 χ^2/NDF : 1265.4/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



Right In: -22.242 $\pm$ 0.417 χ^2 /NDF: 362.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -21.422 $\pm$ 0.354 χ^2 /NDF: 459.3/13

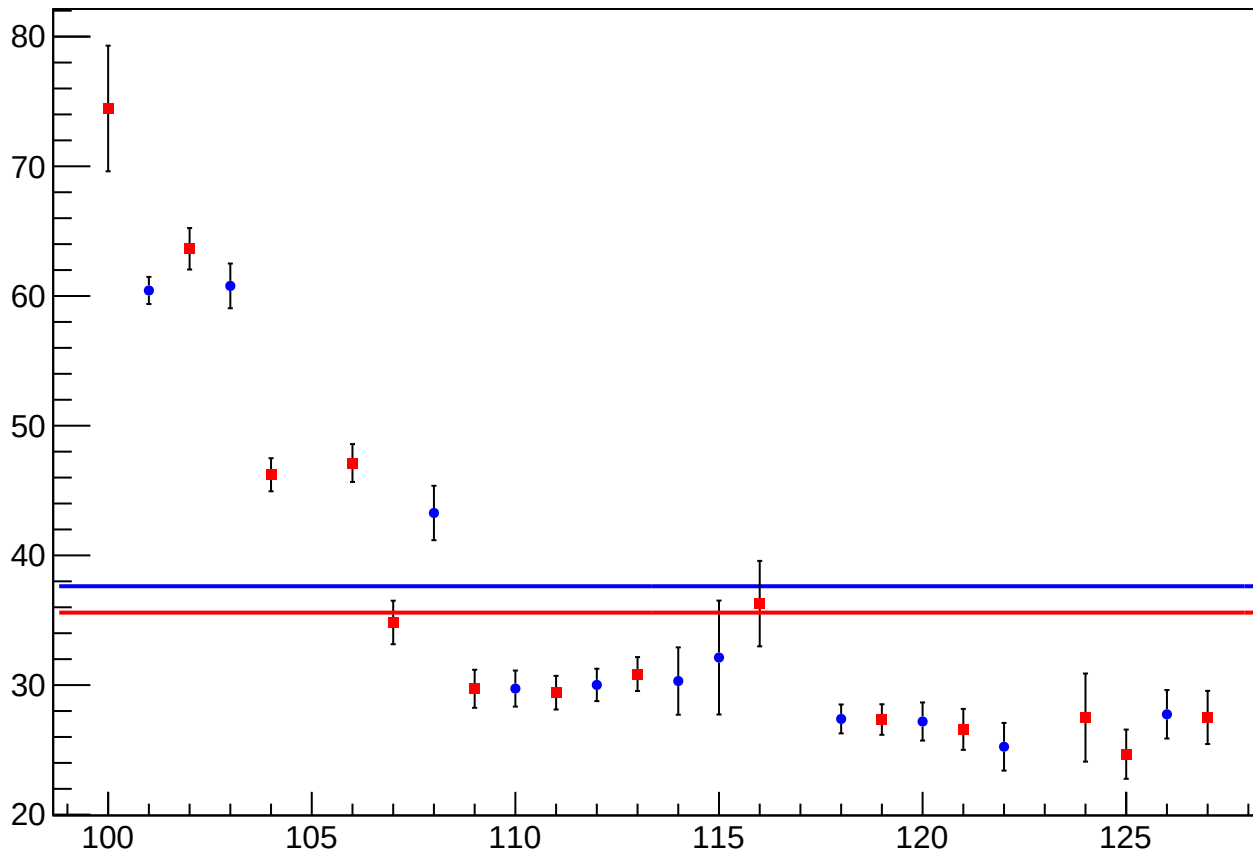
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -21.765 $\pm$ 0.270 χ^2 /NDF: 823.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 37.621+/-0.462 χ^2/NDF : 948.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.588+/-0.433 χ^2/NDF : 692.2/13

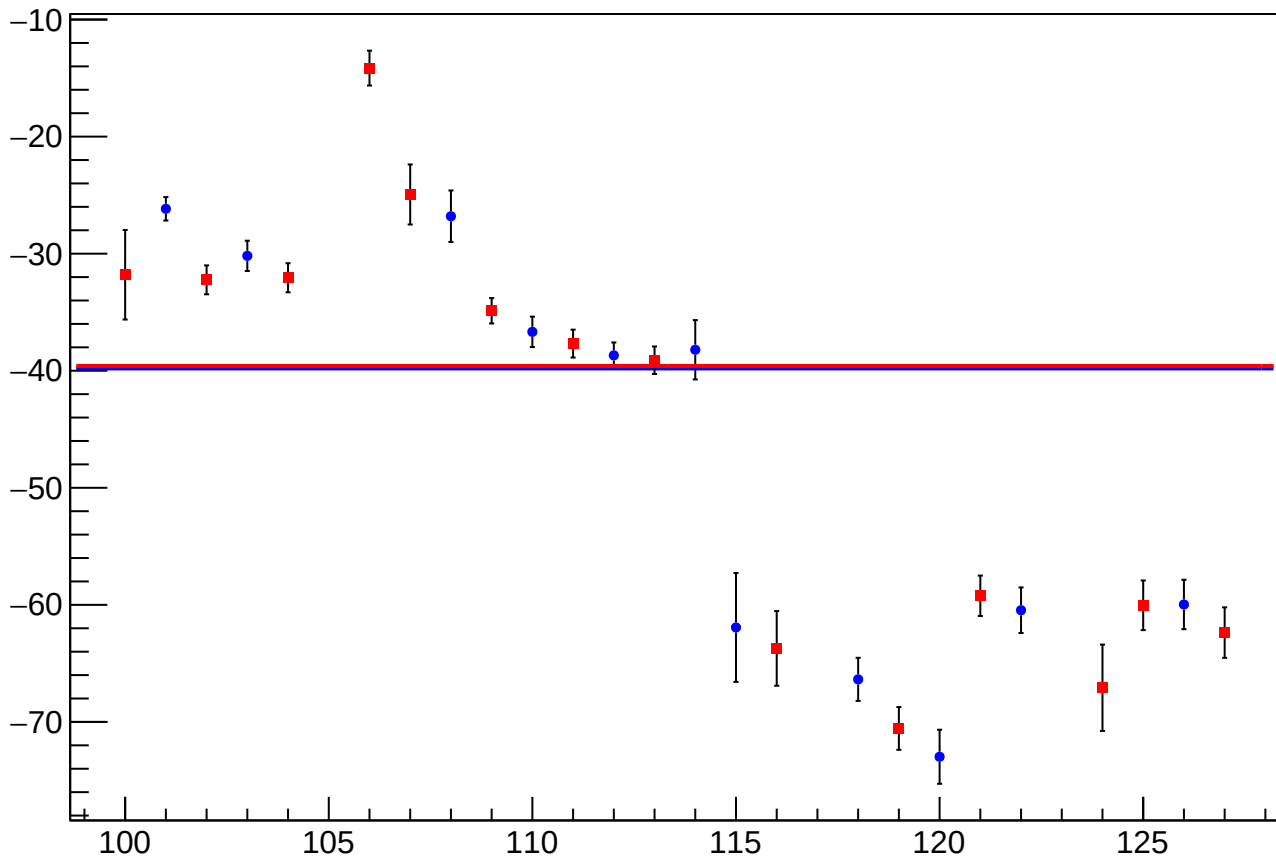
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.539+/-0.316 χ^2/NDF : 1651.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -39.803 $\pm$ 0.477 χ^2 /NDF: 924.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -39.593 $\pm$ 0.426 χ^2 /NDF: 1156.3/13

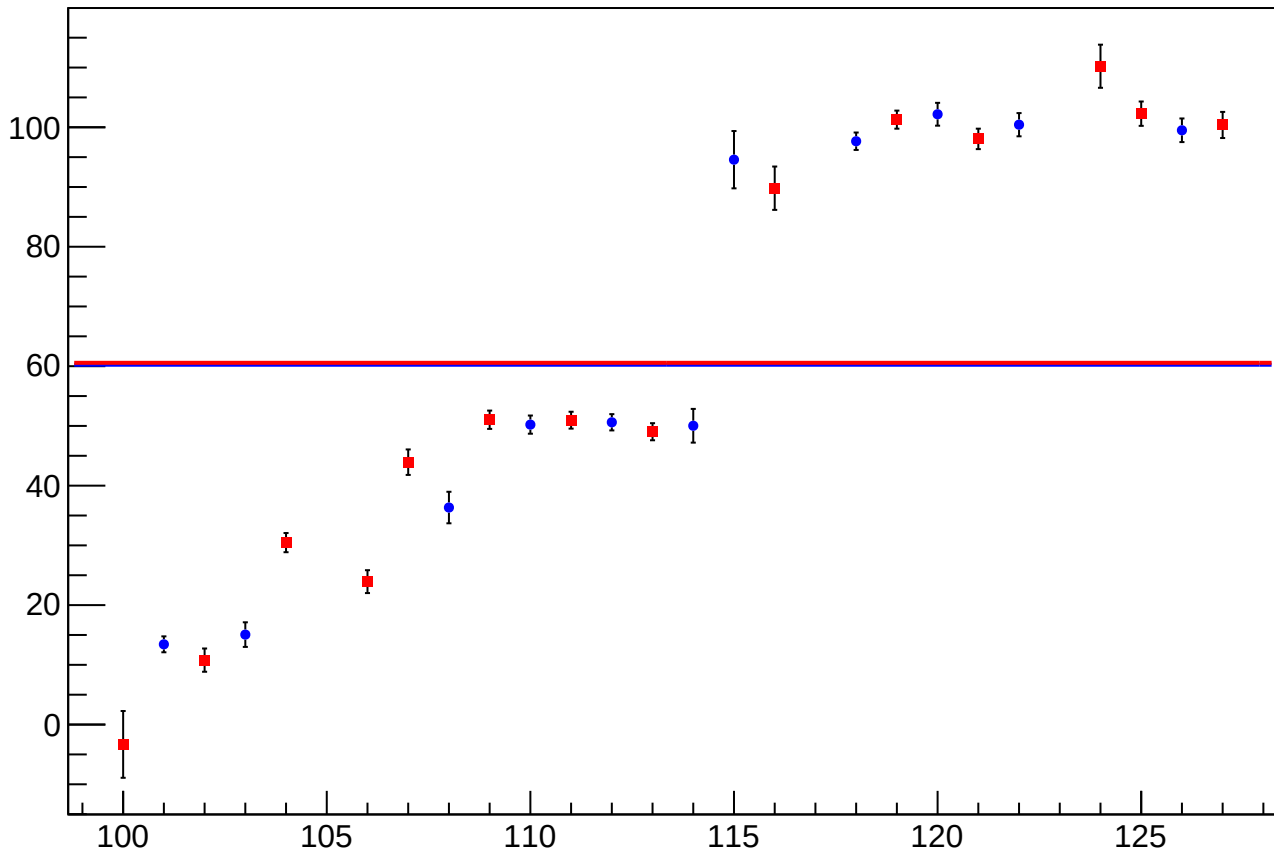
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -39.686 $\pm$ 0.318 χ^2 /NDF: 2080.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 60.245+/-0.547 χ^2 /NDF: 3917.0/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 60.566+/-0.502 χ^2 /NDF: 3920.3/13

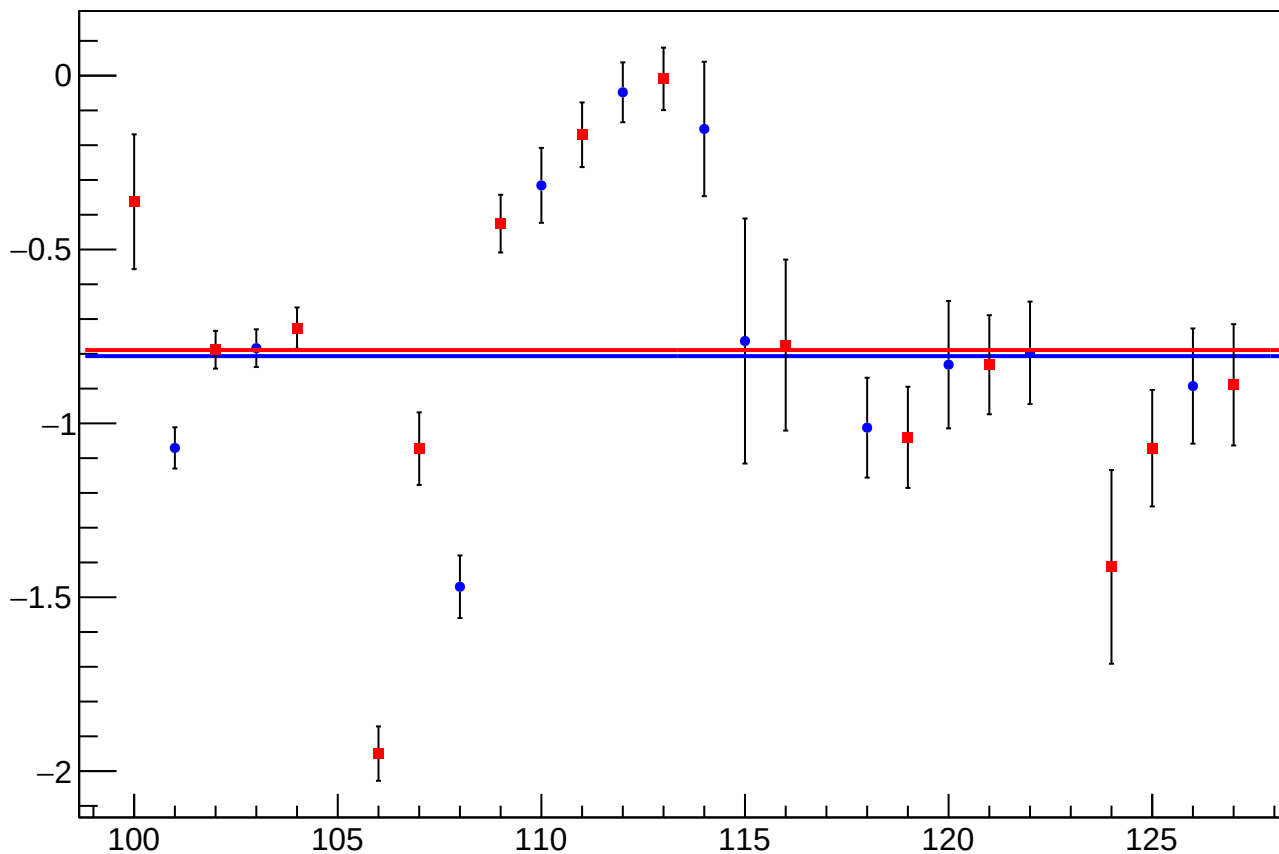
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 60.419+/-0.370 χ^2 /NDF: 7837.5/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.807 ± 0.029 $\chi^2/\text{NDF}: 186.4/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.789 ± 0.026 $\chi^2/\text{NDF}: 383.7/13$

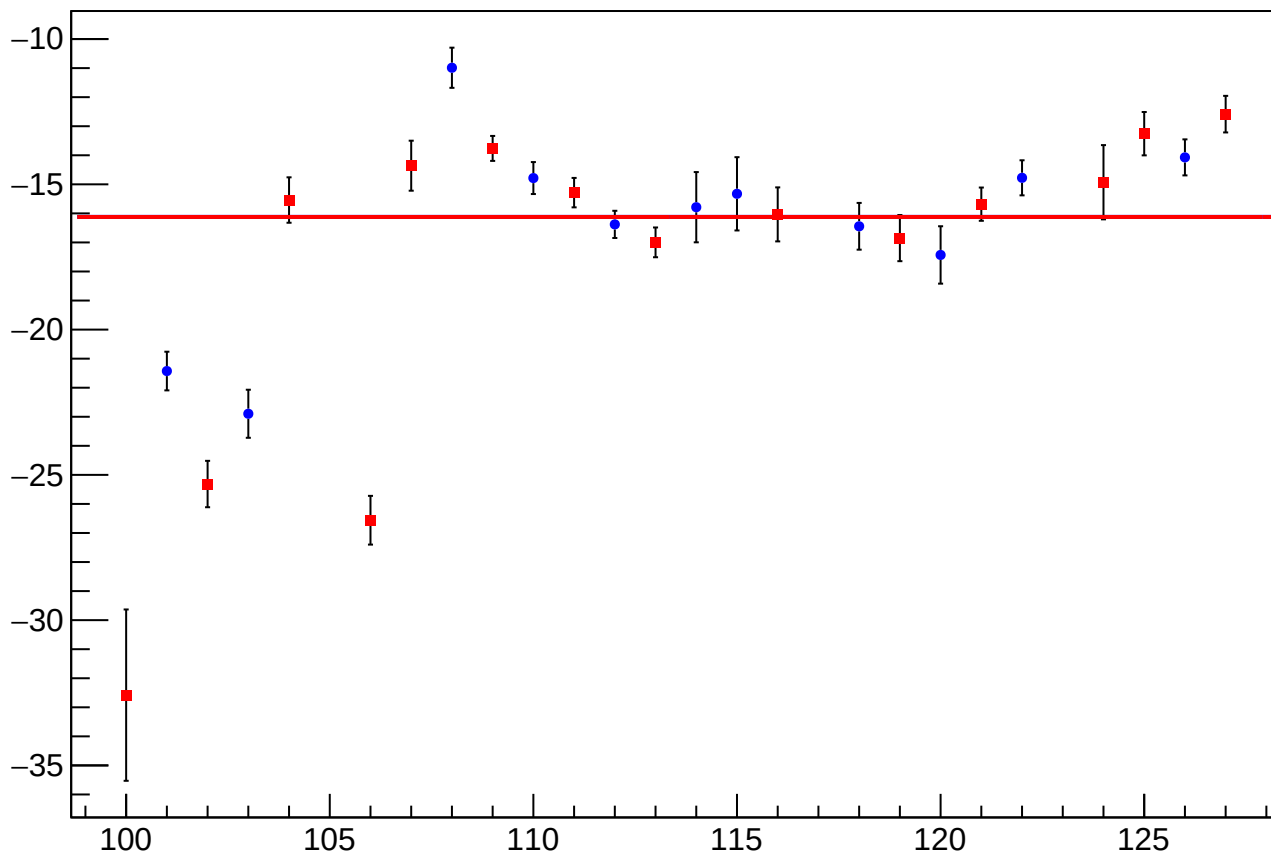
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.797 ± 0.019 $\chi^2/\text{NDF}: 570.2/24$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



Right In: -16.121+/-0.209 χ^2/NDF : 210.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.123+/-0.183 χ^2/NDF : 407.8/13

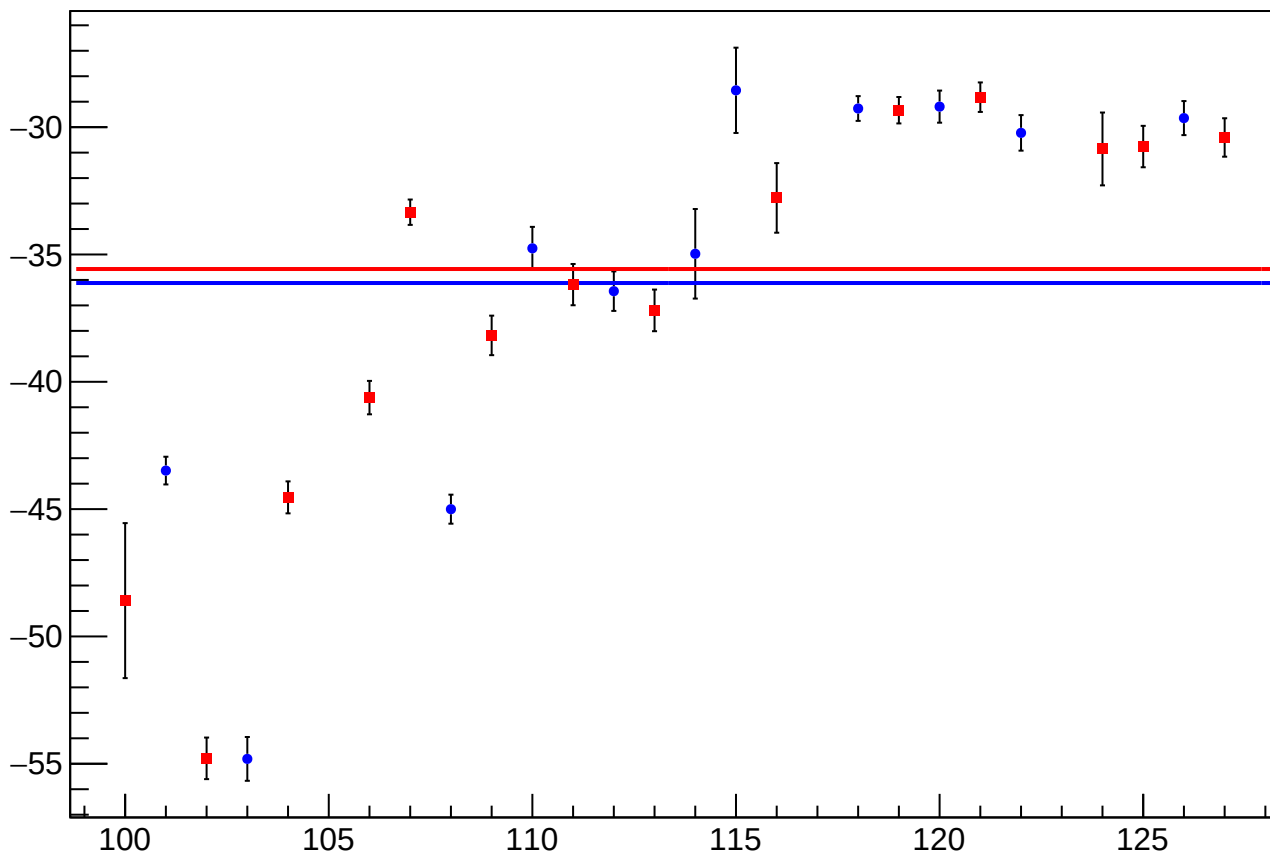
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.122+/-0.138 χ^2/NDF : 618.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -36.120 ± 0.210 χ^2/NDF : 1406.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -35.571 ± 0.195 χ^2/NDF : 1248.5/13

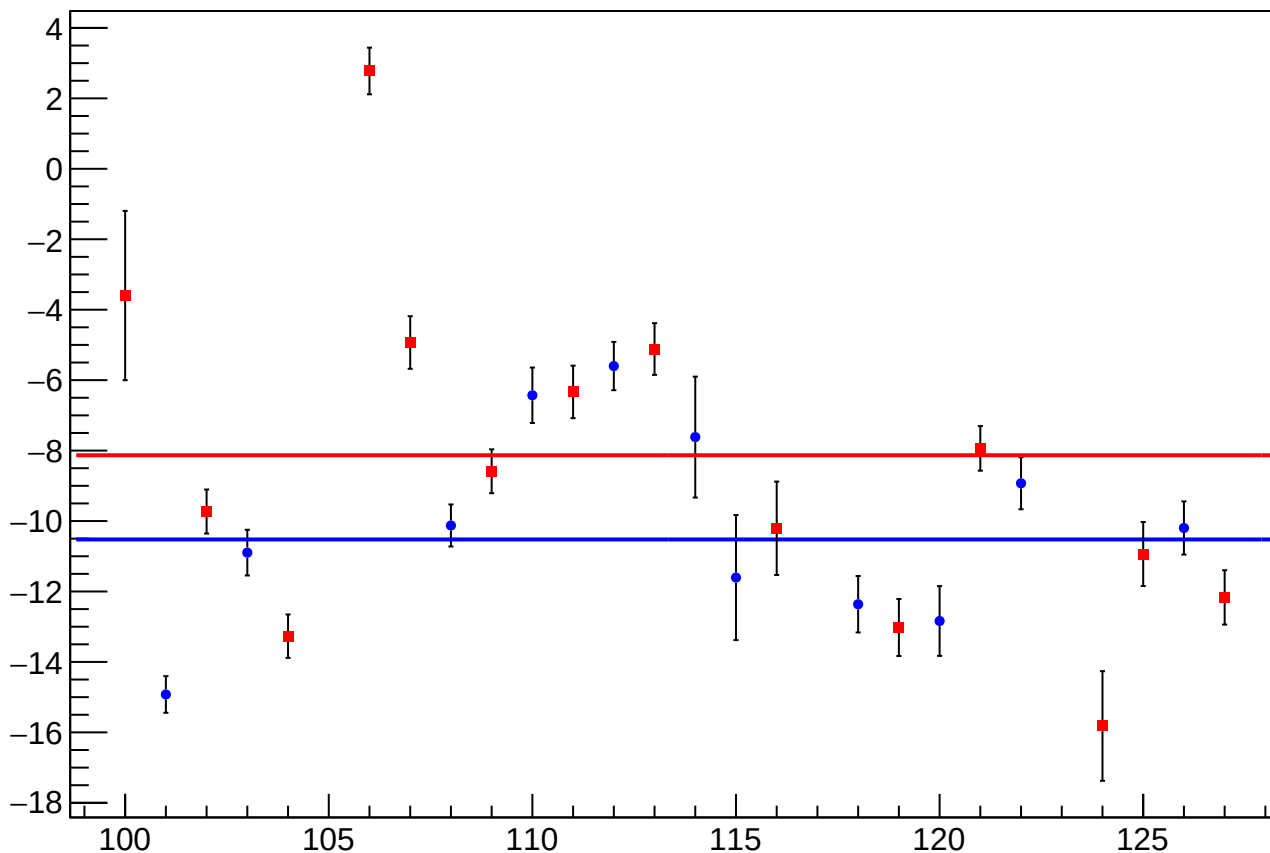
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.825 ± 0.143 χ^2/NDF : 2658.8/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: -10.523 ± 0.227 χ^2/NDF : 169.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.132 ± 0.206 χ^2/NDF : 492.9/13

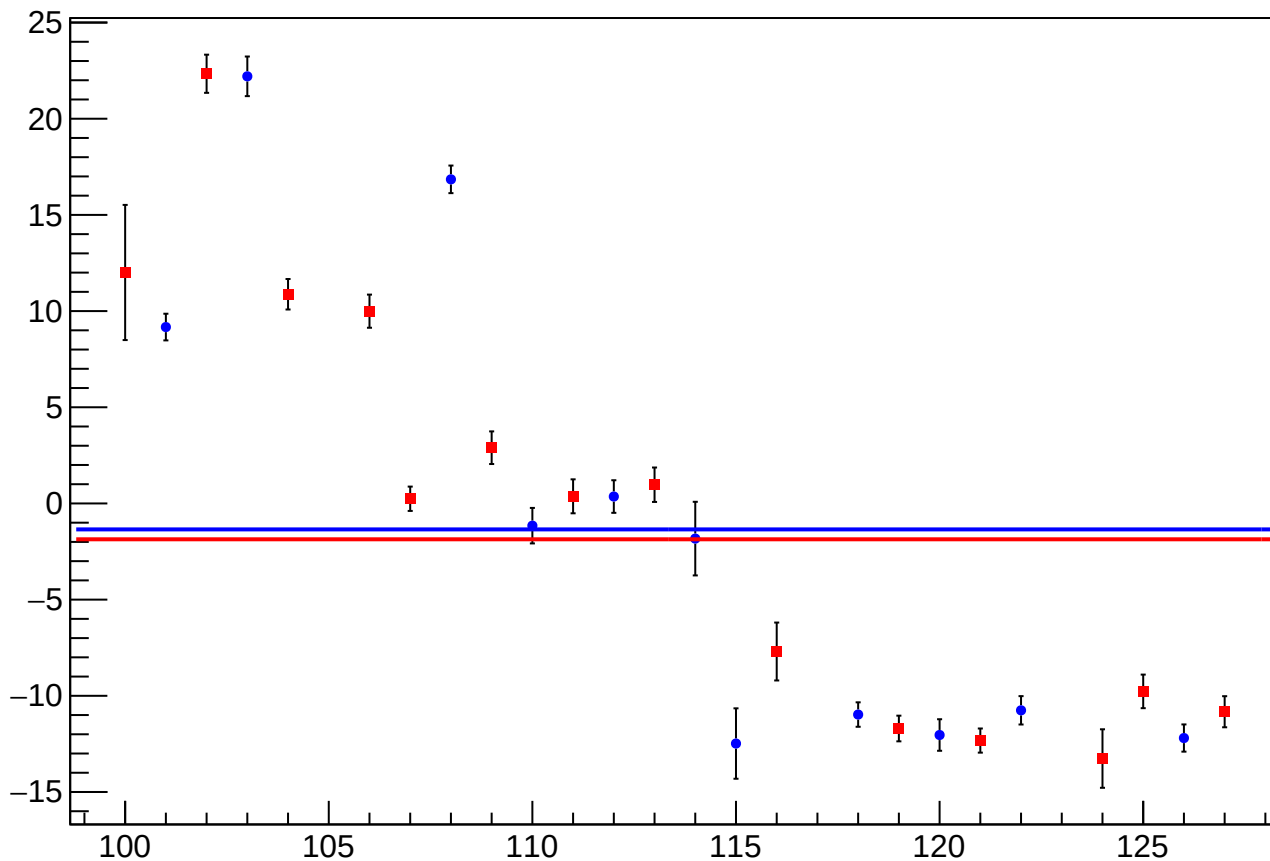
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.213 ± 0.153 χ^2/NDF : 723.5/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -1.349+/-0.251 χ^2/NDF : 2235.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.864+/-0.230 χ^2/NDF : 1889.2/13

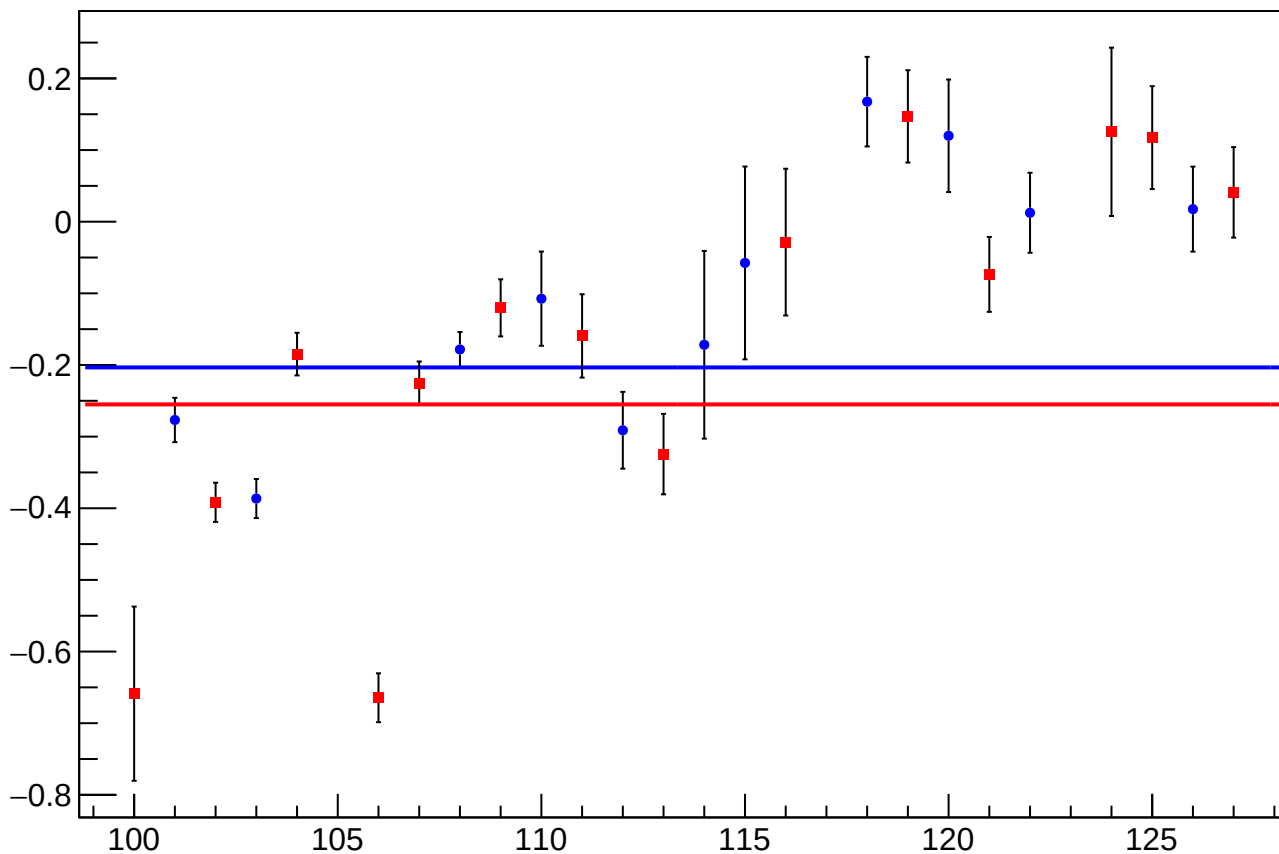
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.629+/-0.169 χ^2/NDF : 4127.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug



Right In: -0.203+/-0.013 χ^2 /NDF: 138.8/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.255+/-0.012 χ^2 /NDF: 317.4/13

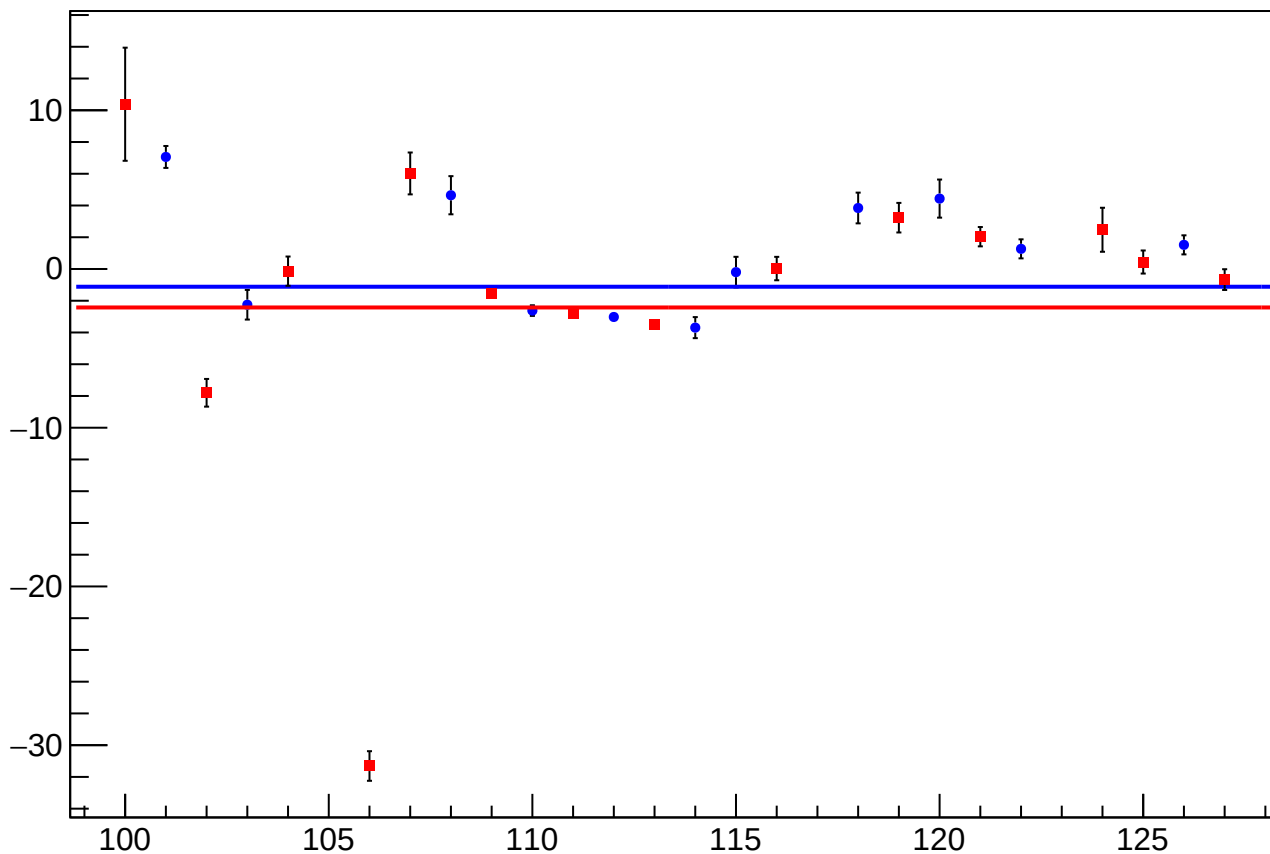
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.232+/-0.009 χ^2 /NDF: 464.6/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: -1.118 ± 0.166 χ^2/NDF : 330.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.424 ± 0.141 χ^2/NDF : 1219.3/13

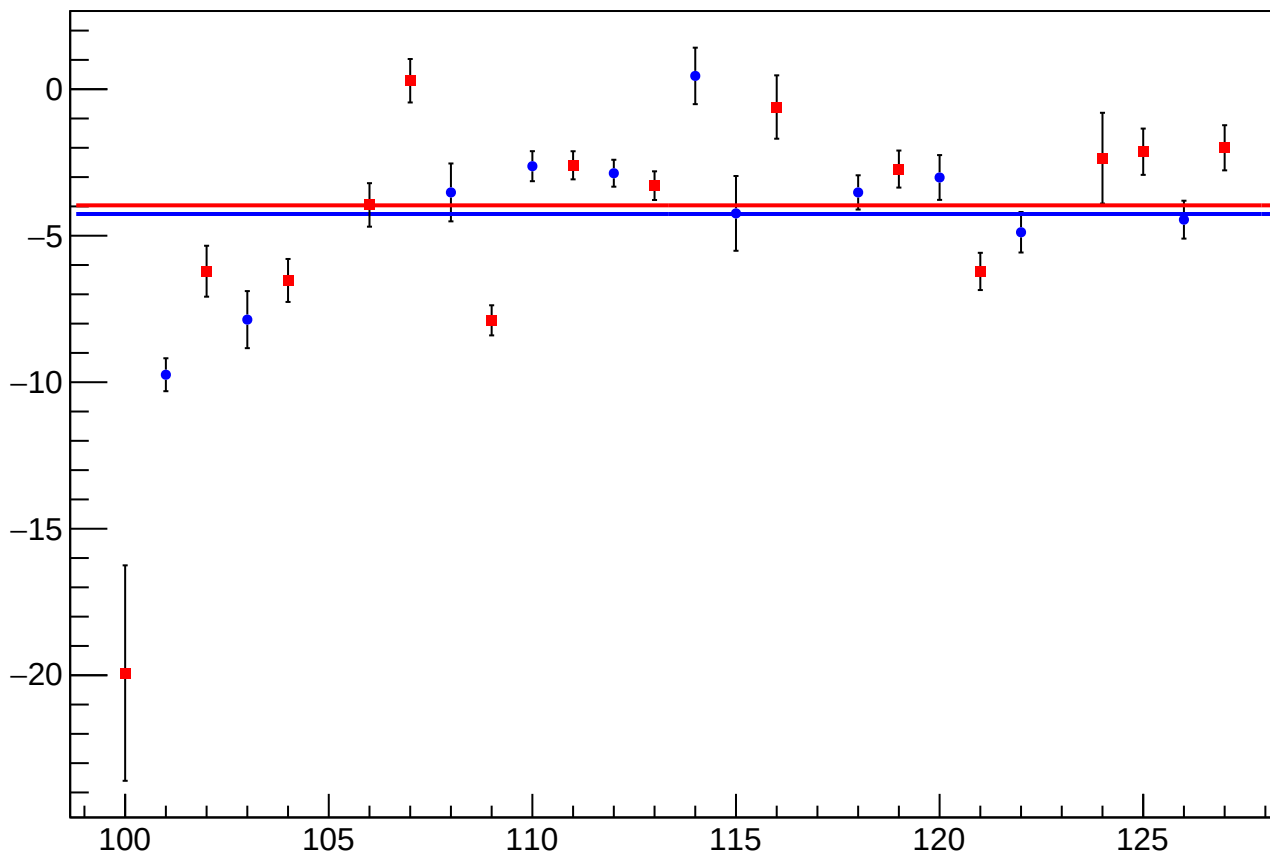
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.874 ± 0.107 χ^2/NDF : 1585.7/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -4.259 ± 0.202 χ^2/NDF : 157.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.964 ± 0.187 χ^2/NDF : 178.0/13

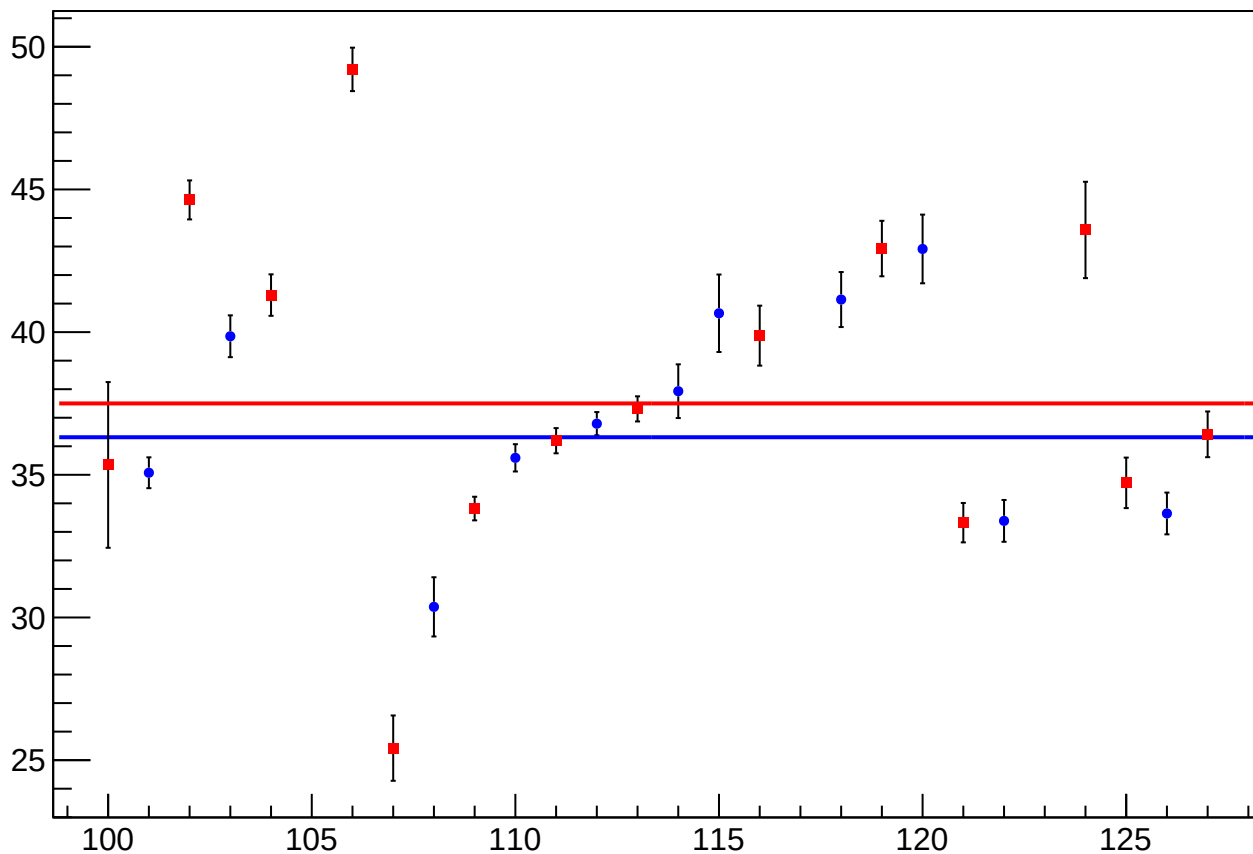
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.100 ± 0.137 χ^2/NDF : 337.0/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 36.316 $\pm$ 0.205 χ^2 /NDF: 162.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 37.501 $\pm$ 0.183 χ^2 /NDF: 670.3/13

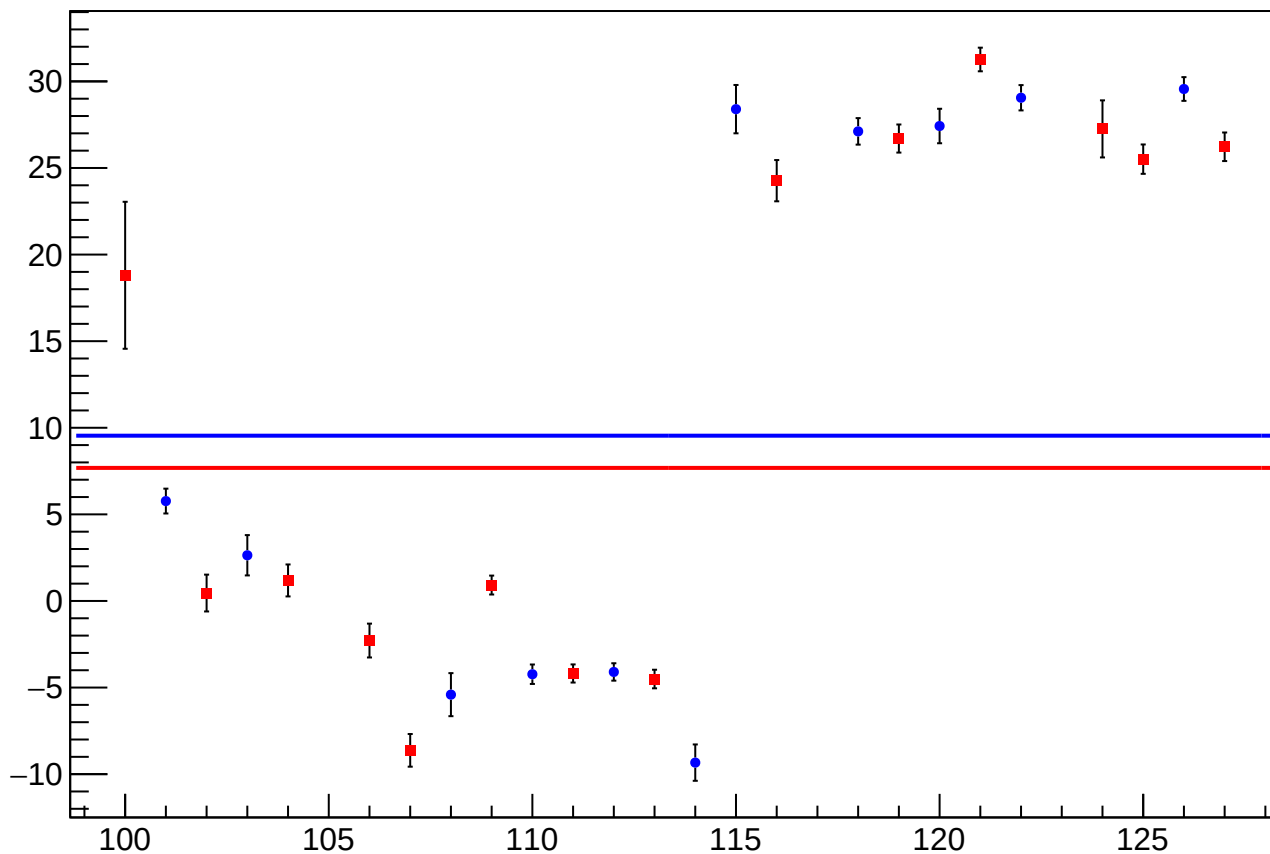
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.977 $\pm$ 0.136 χ^2 /NDF: 851.6/24

- 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: 9.543+/-0.232 χ^2/NDF : 4469.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.683+/-0.211 χ^2/NDF : 4718.2/13

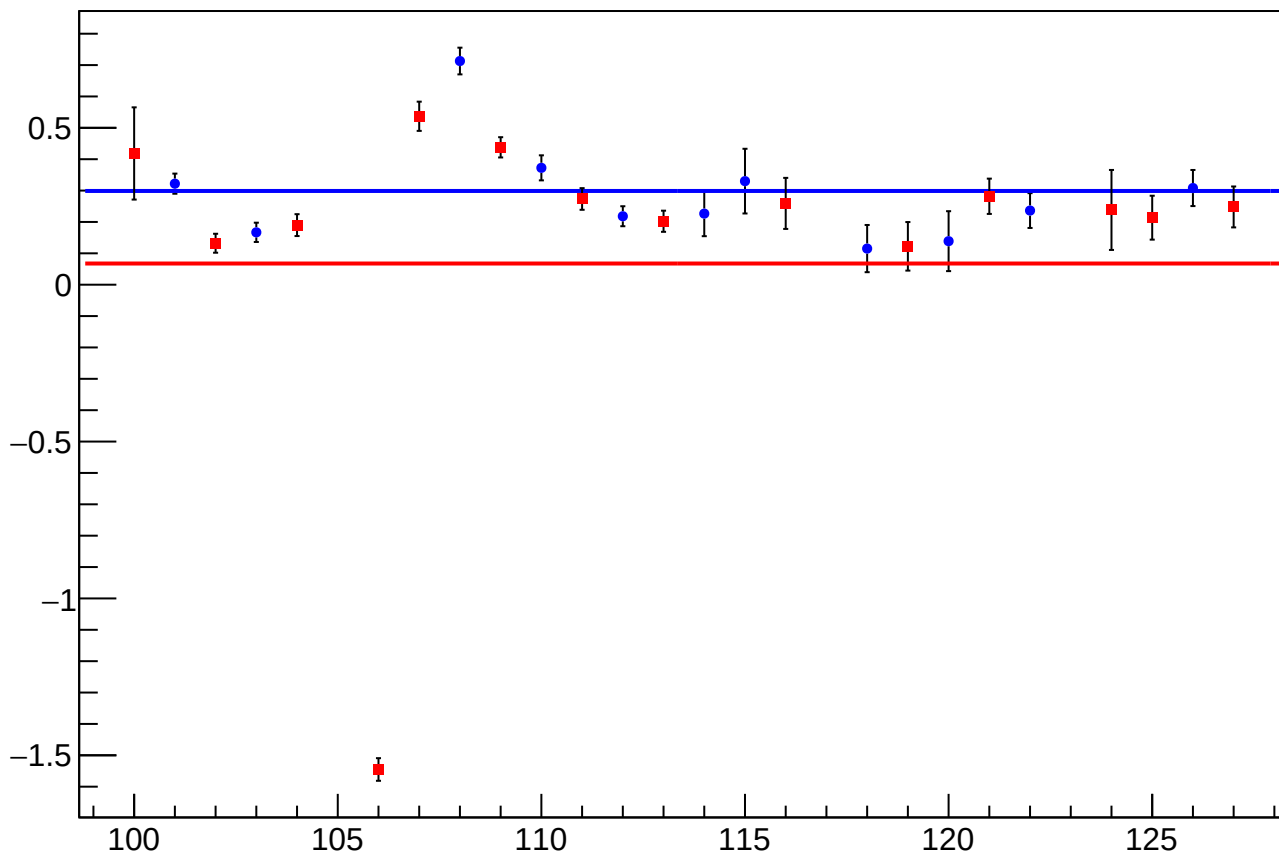
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.527+/-0.156 χ^2/NDF : 9223.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.299+/-0.014 χ^2/NDF : 134.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.068+/-0.012 χ^2/NDF : 2340.8/13

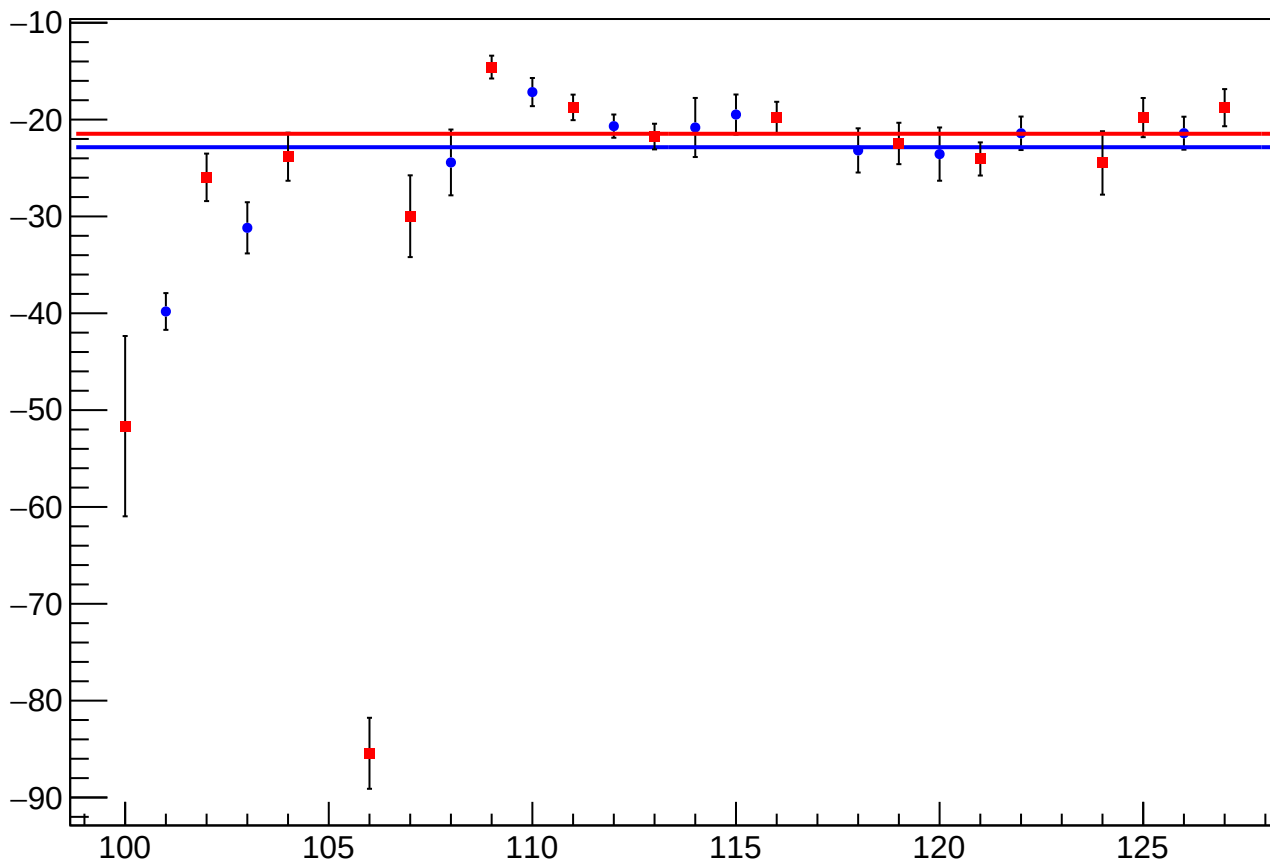
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.168+/-0.009 χ^2/NDF : 2638.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



Right In: -22.851 ± 0.575 χ^2/NDF : 113.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -21.464 ± 0.508 χ^2/NDF : 368.8/13

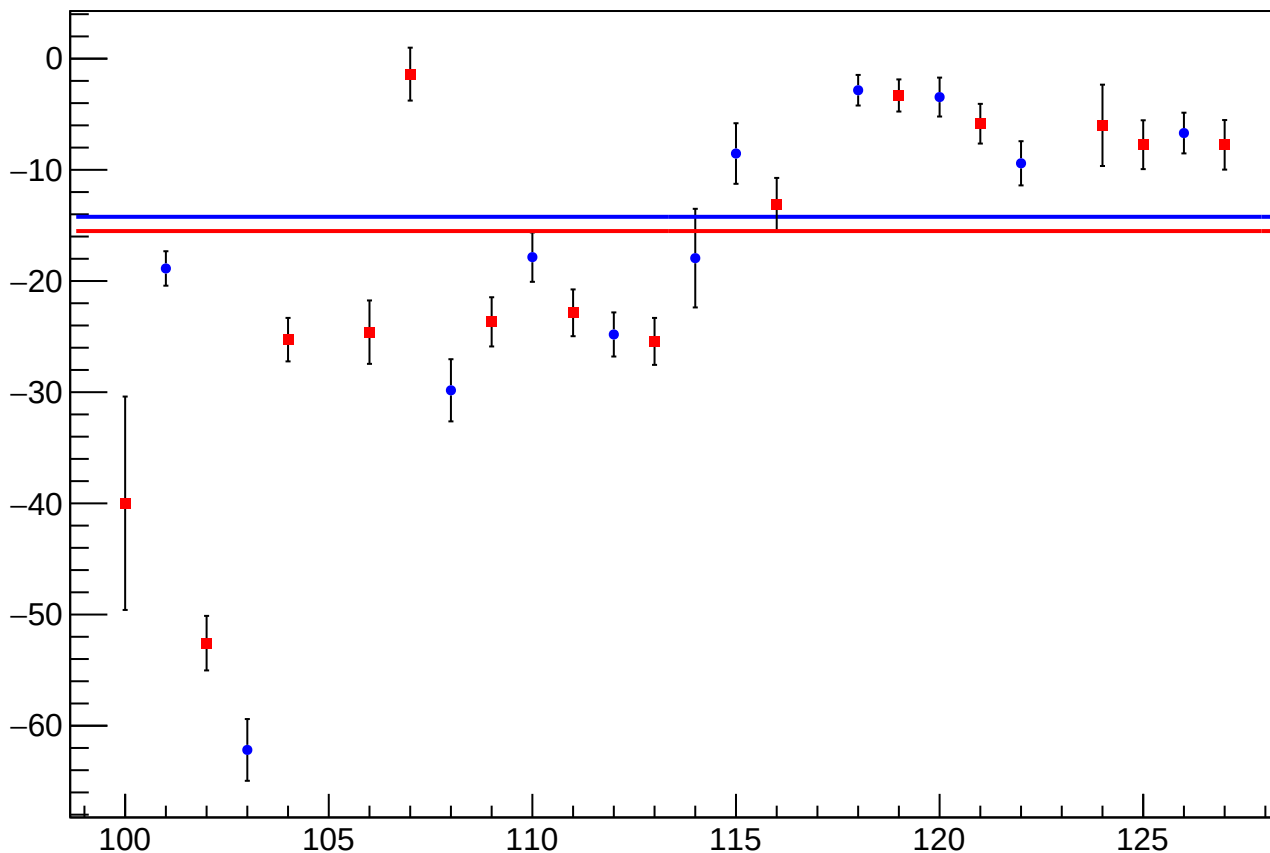
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -22.072 ± 0.381 χ^2/NDF : 485.3/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -14.225 ± 0.606 χ^2/NDF : 503.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -15.507 ± 0.593 χ^2/NDF : 485.9/13

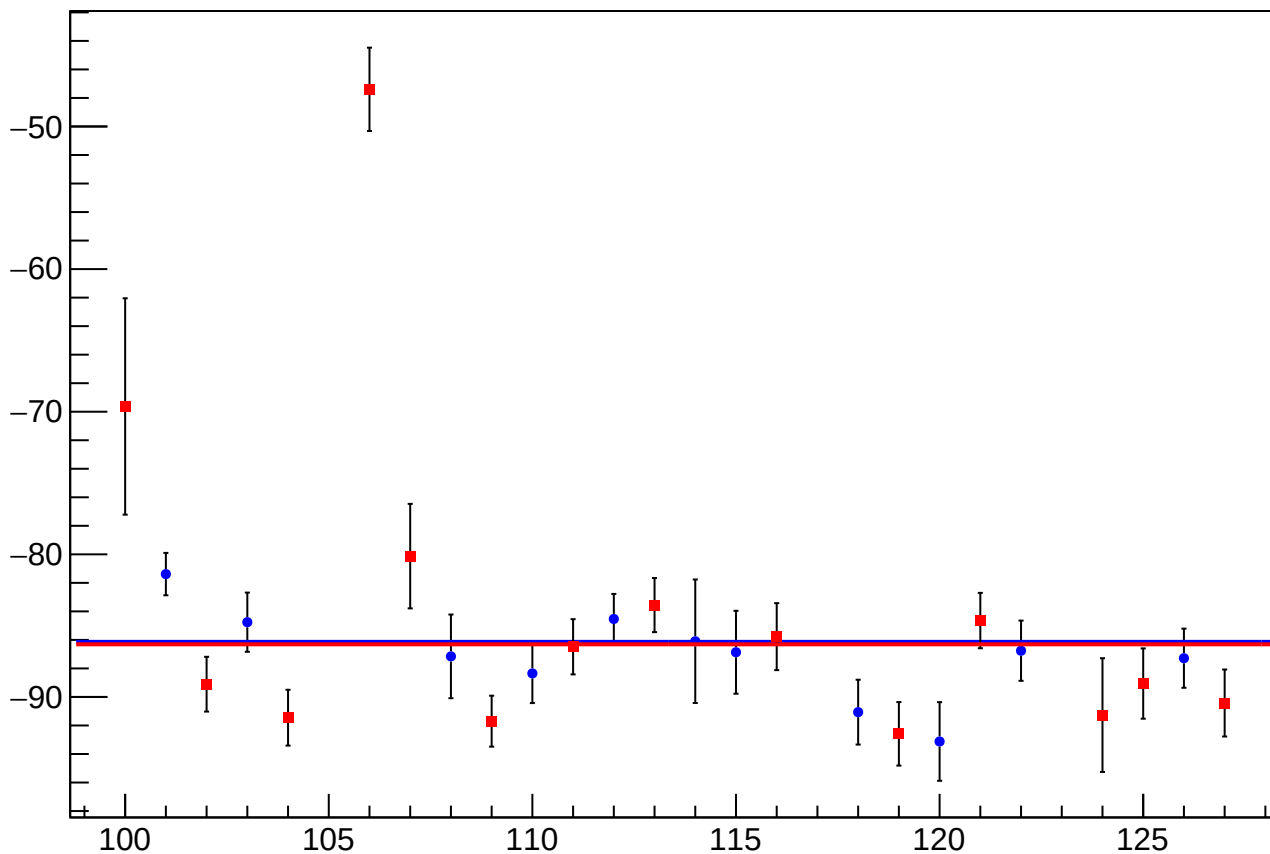
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -14.880 ± 0.424 χ^2/NDF : 991.6/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -86.137 $\pm$ 0.658 χ^2 /NDF: 24.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -86.310 $\pm$ 0.614 χ^2 /NDF: 219.9/13

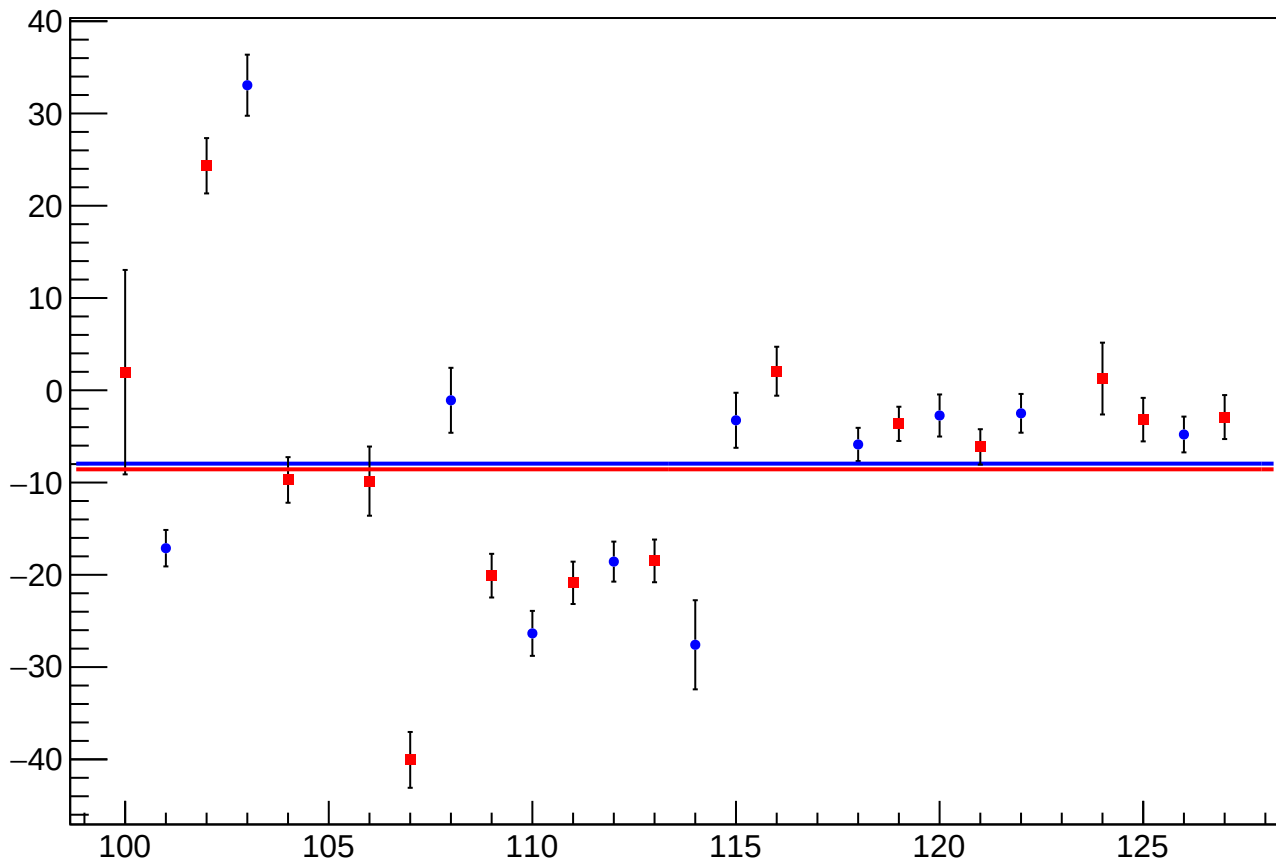
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -86.230 $\pm$ 0.449 χ^2 /NDF: 244.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -7.952+/-0.715 χ^2/NDF : 294.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.568+/-0.683 χ^2/NDF : 342.8/13

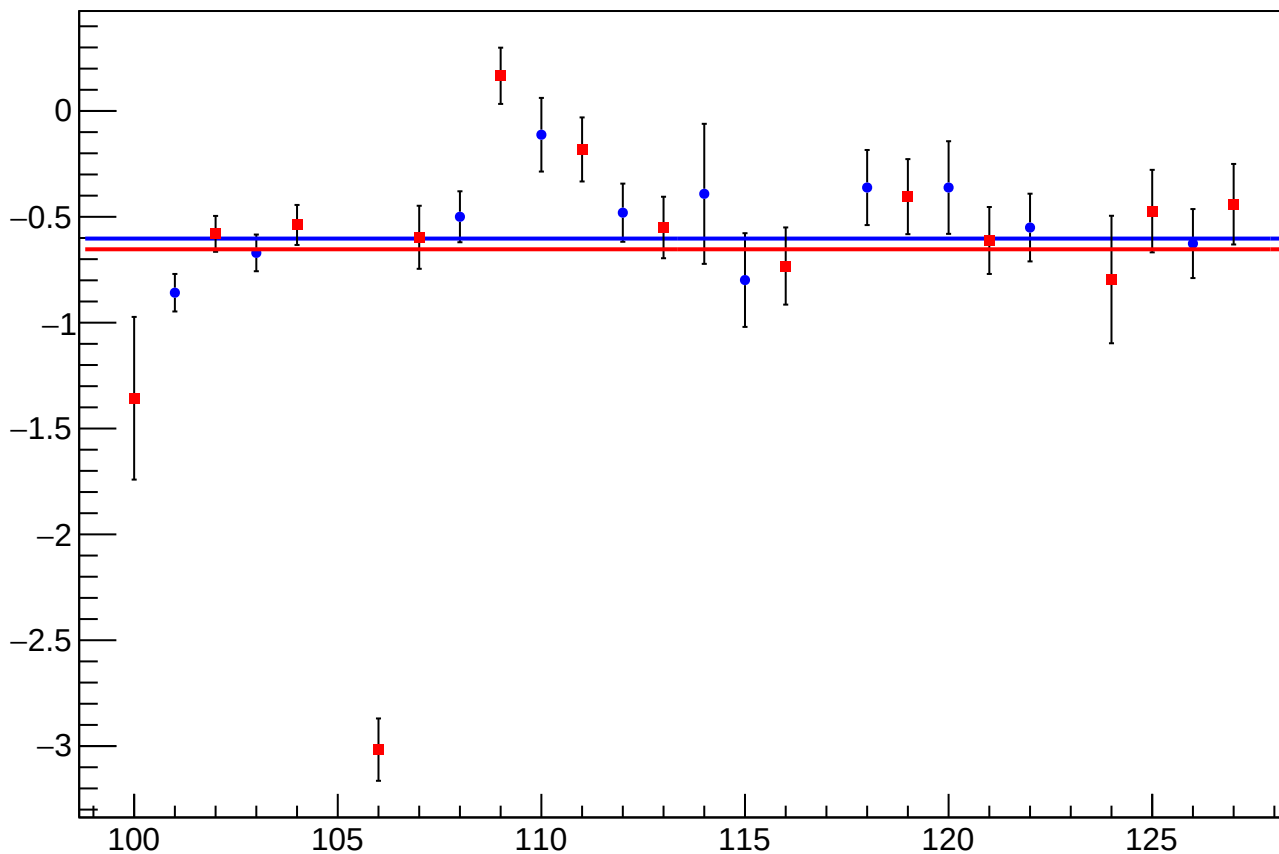
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.274+/-0.494 χ^2/NDF : 638.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug



Right In: -0.603 ± 0.042 χ^2/NDF : 22.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.653 ± 0.039 χ^2/NDF : 316.2/13

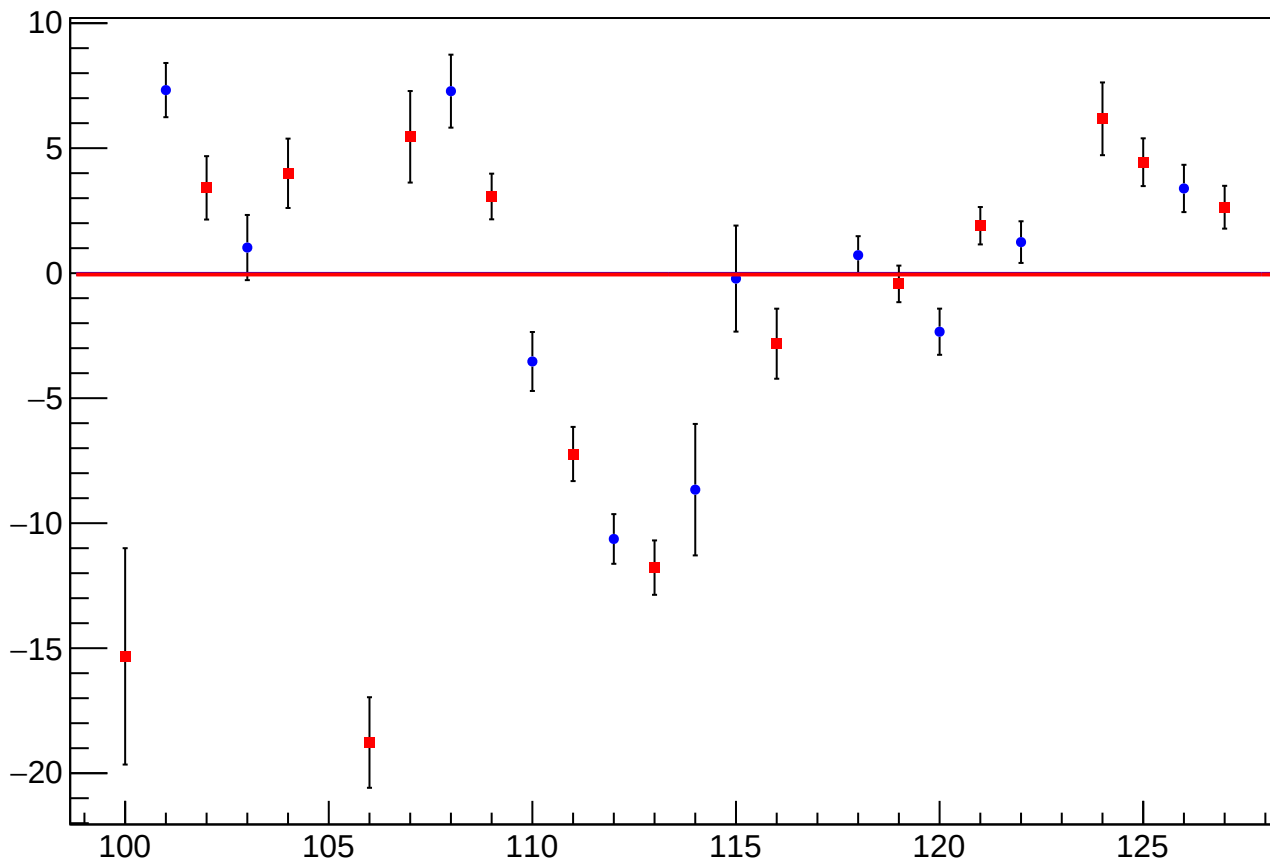
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.630 ± 0.028 χ^2/NDF : 339.8/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: -0.030+/-0.325 χ^2/NDF : 227.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.051+/-0.291 χ^2/NDF : 377.2/13

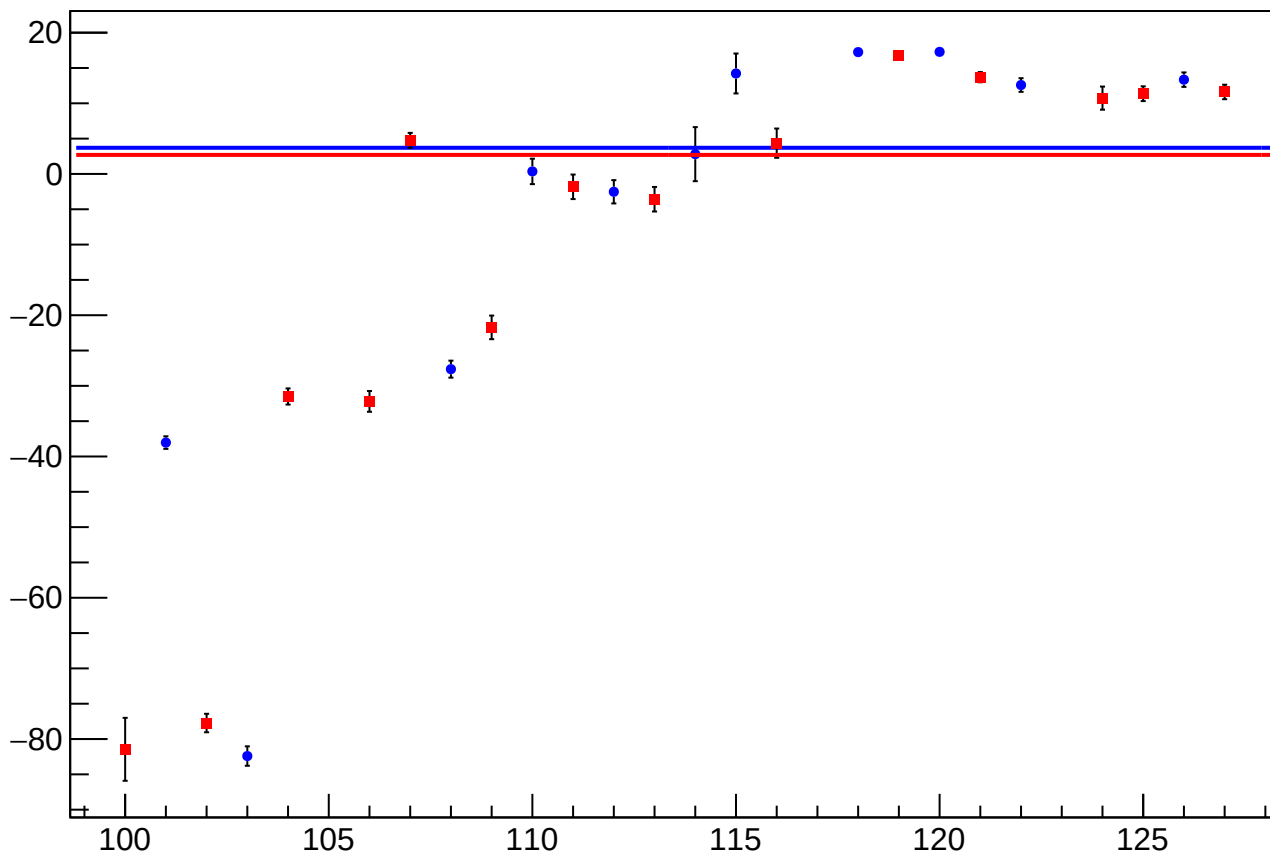
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.042+/-0.217 χ^2/NDF : 605.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: 3.705 $\pm$ 0.277 χ^2 /NDF: 8402.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.696 $\pm$ 0.281 χ^2 /NDF: 7117.6/13

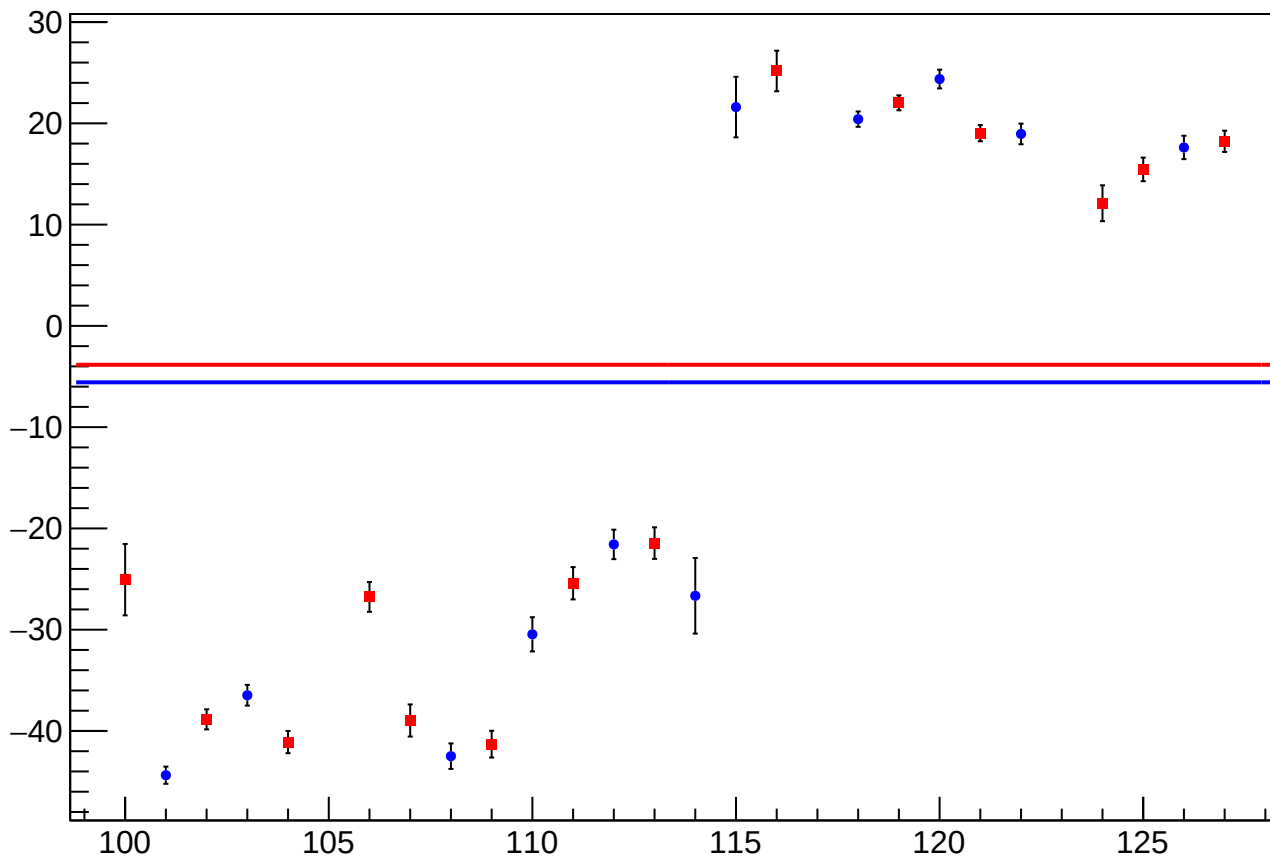
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.207 $\pm$ 0.197 χ^2 /NDF: 15526.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: -5.575+/-0.341 χ^2/NDF : 7522.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.839+/-0.320 χ^2/NDF : 7341.7/13

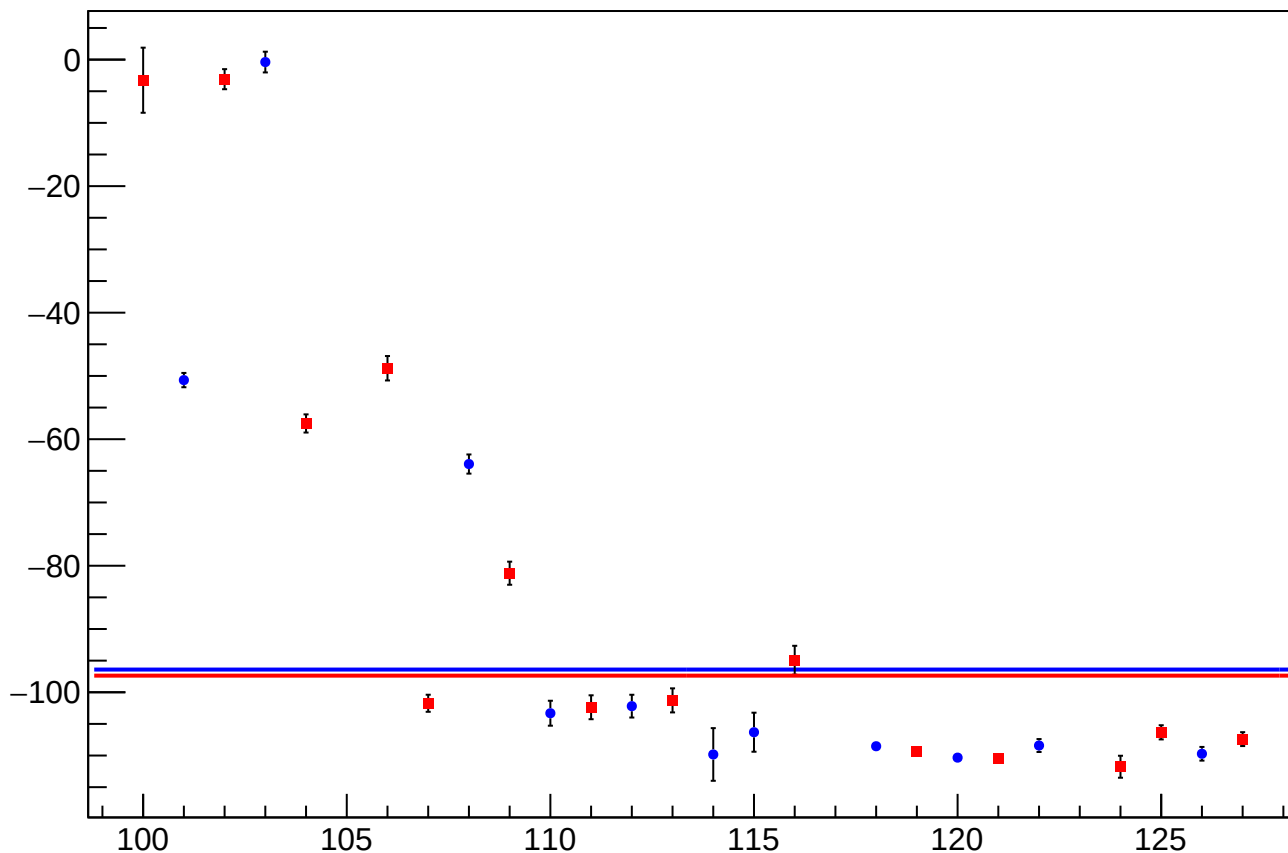
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.651+/-0.233 χ^2/NDF : 14877.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -96.410+/-0.341 χ^2/NDF : 6601.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -97.372+/-0.332 χ^2/NDF : 6253.4/13

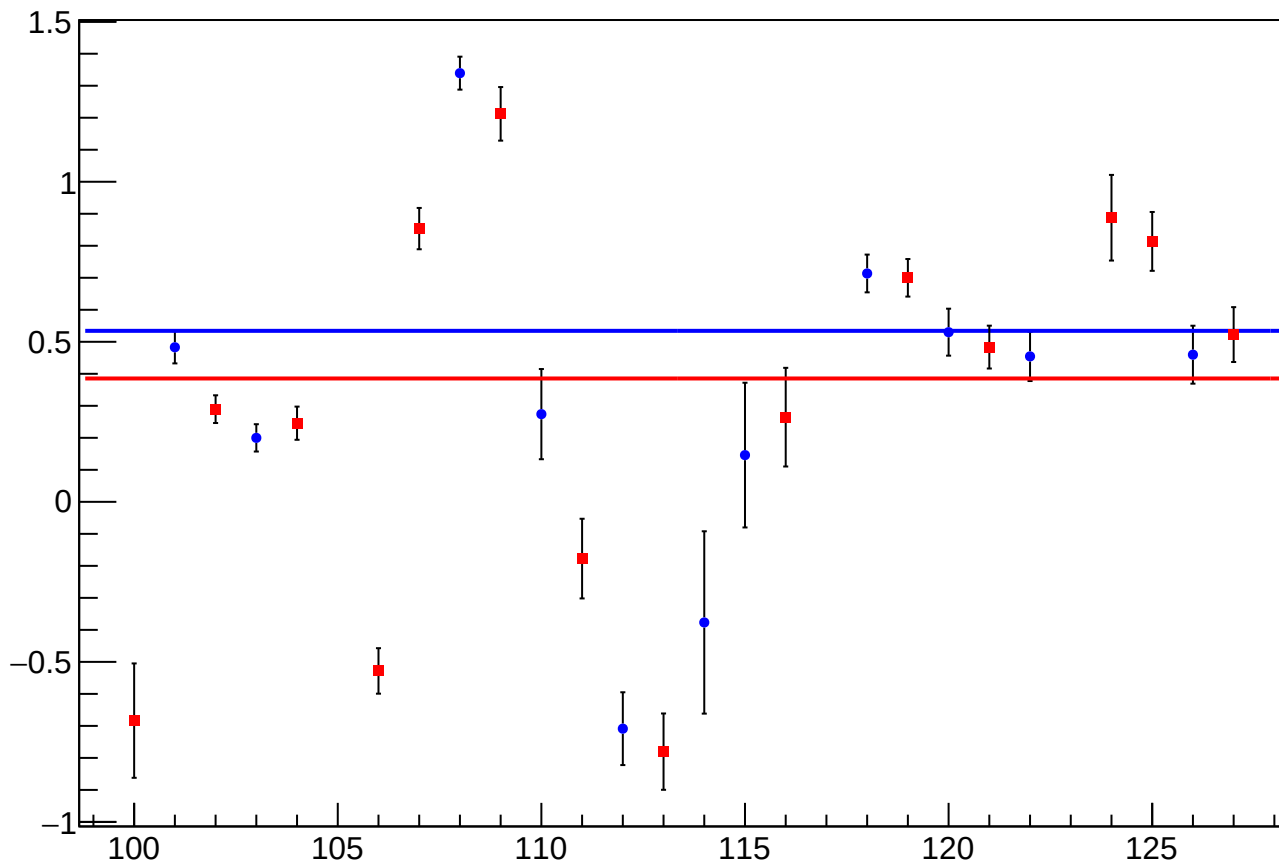
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -96.903+/-0.238 χ^2/NDF : 12858.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.534 $\pm$ 0.021 χ^2 /NDF: 453.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.385 $\pm$ 0.020 χ^2 /NDF: 549.4/13

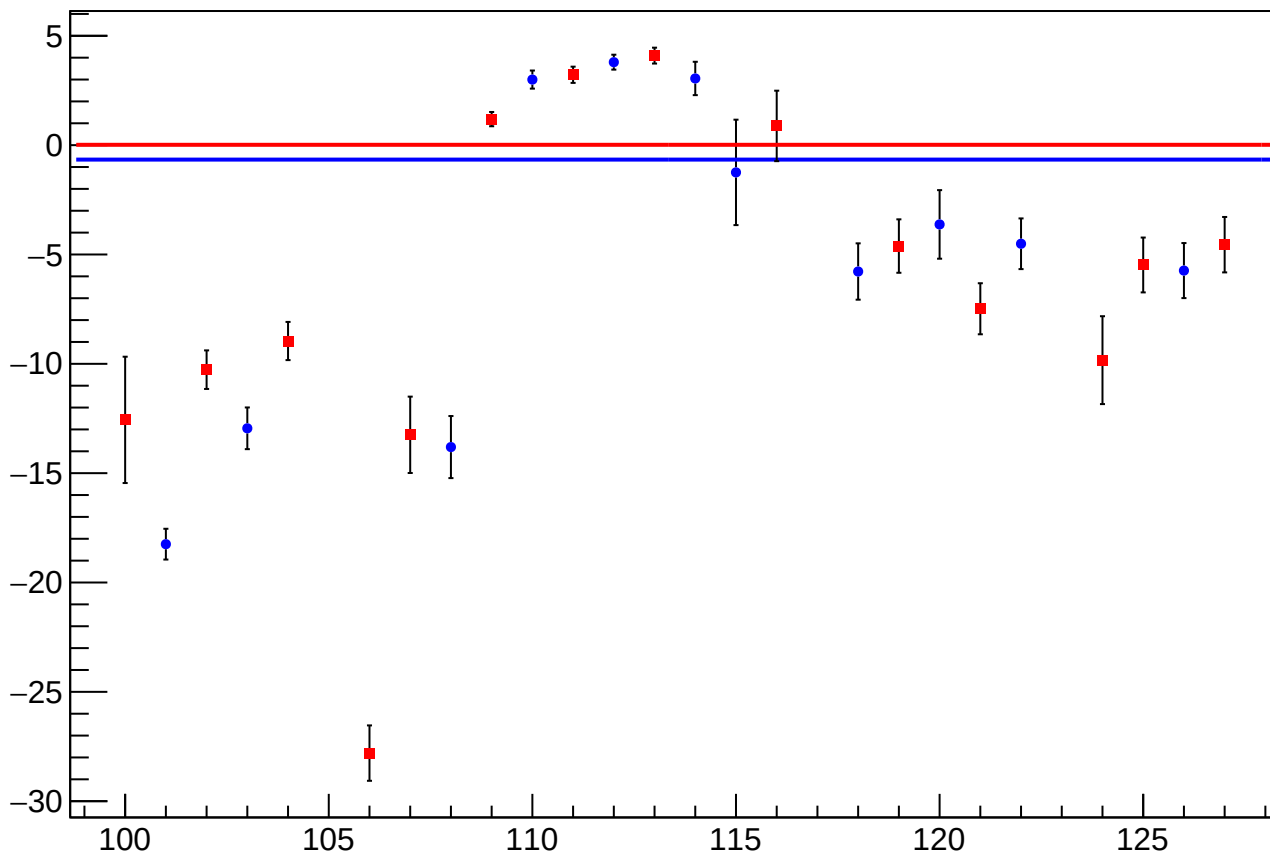
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.456 $\pm$ 0.014 χ^2 /NDF: 1029.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



Right In: -0.661+/-0.212 χ^2/NDF : 1195.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.179 χ^2/NDF : 1126.5/13

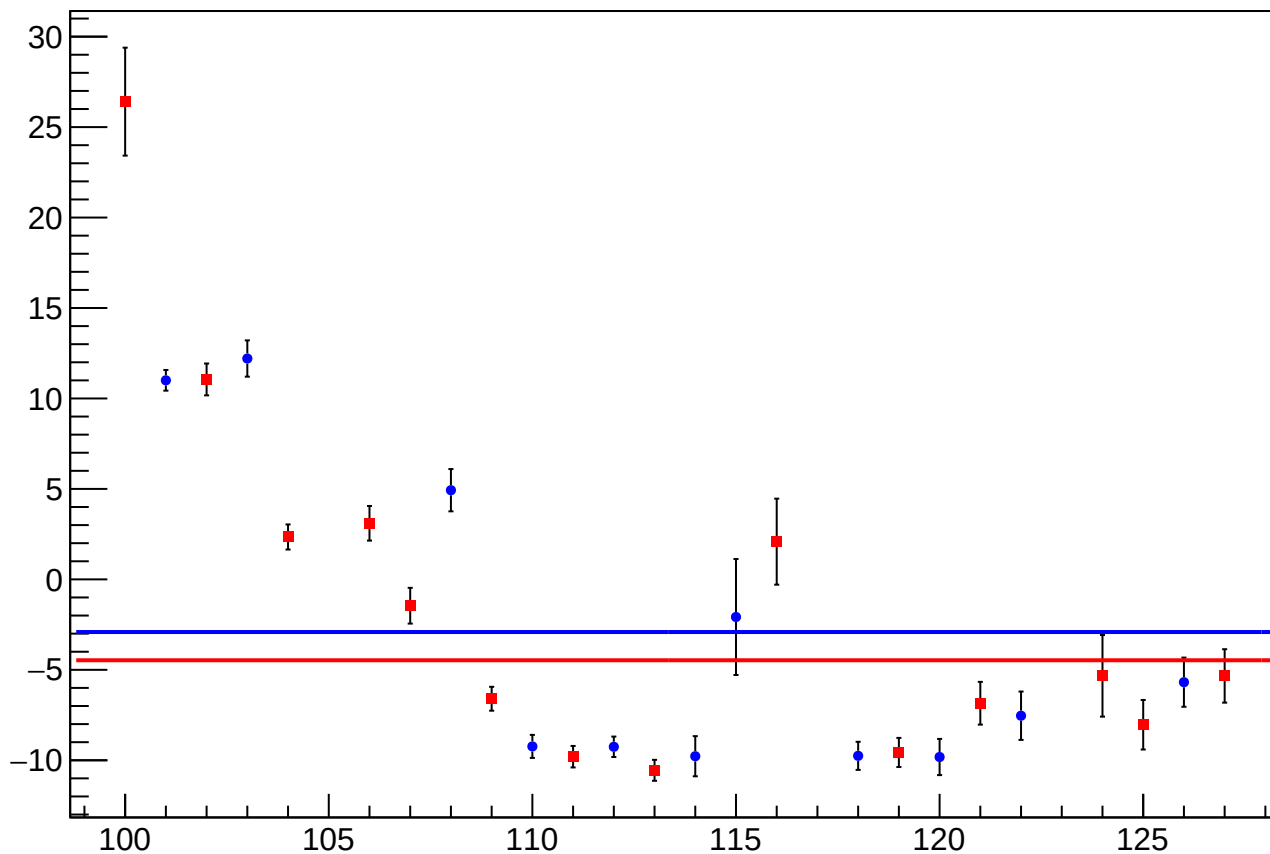
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.266+/-0.137 χ^2/NDF : 2328.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



Right In: -2.911 ± 0.258 χ^2/NDF : 1269.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.471 ± 0.240 χ^2/NDF : 846.7/13

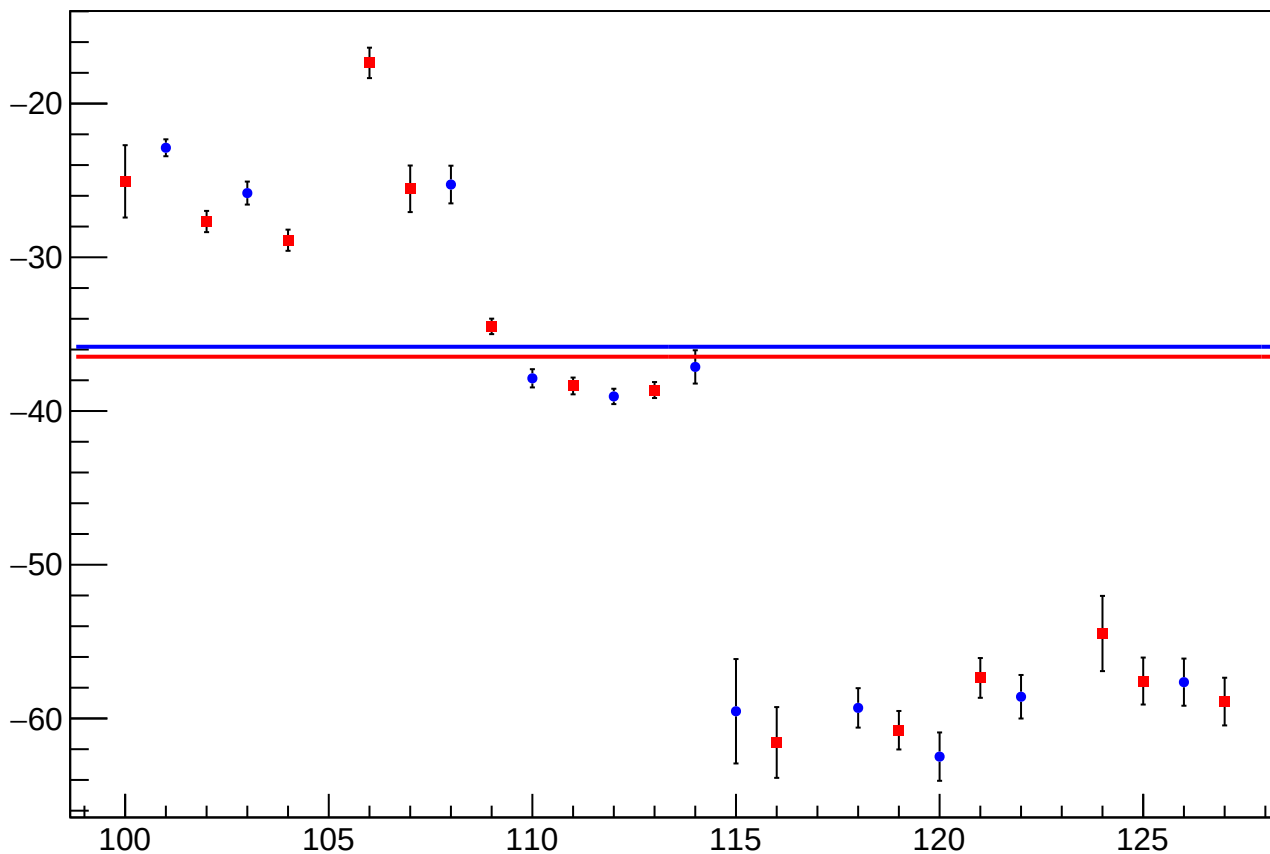
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.746 ± 0.176 χ^2/NDF : 2135.5/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



Right In: -35.820 ± 0.254 χ^2/NDF : 1994.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -36.467 ± 0.228 χ^2/NDF : 1986.7/13

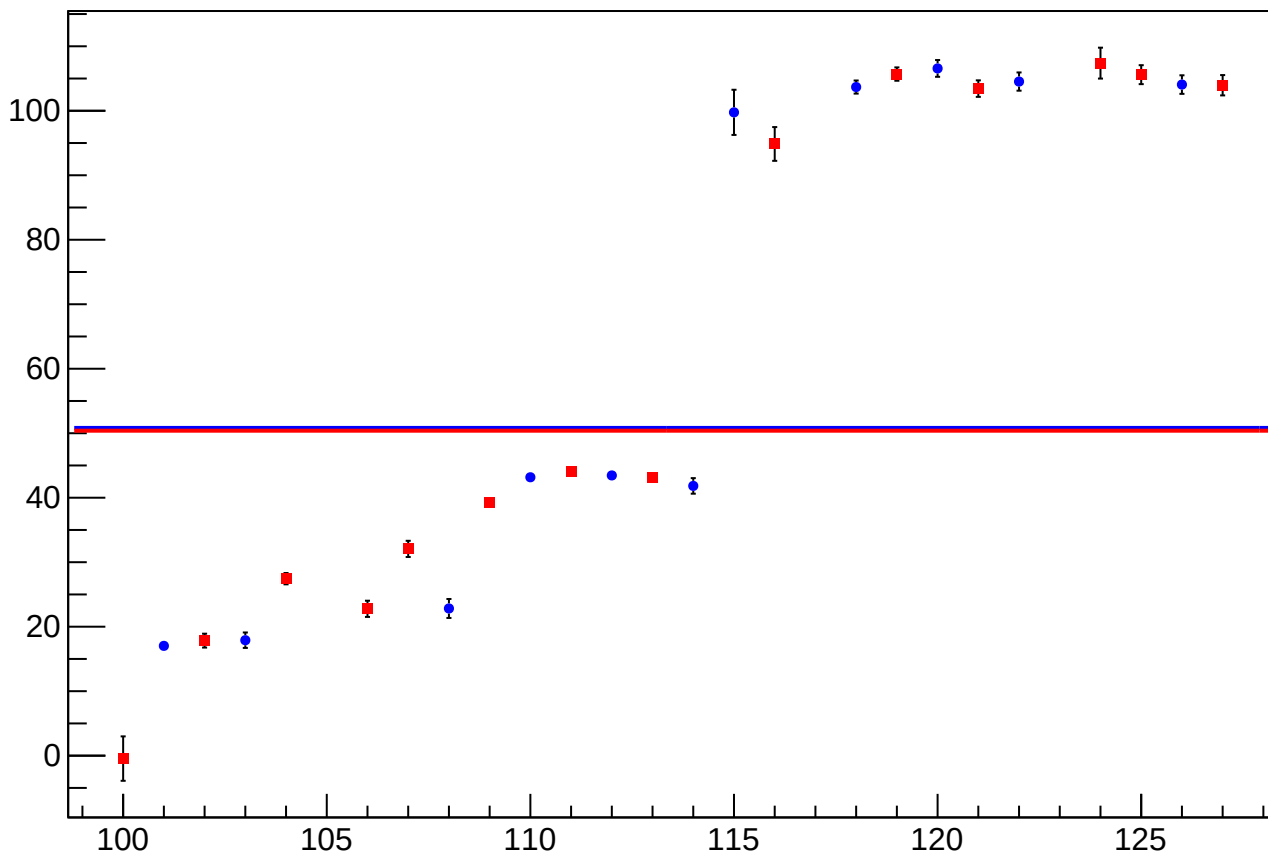
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -36.179 ± 0.170 χ^2/NDF : 3984.4/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



Right In: 50.821 $\pm$ 0.301 χ^2 /NDF: 11144.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 50.392 $\pm$ 0.275 χ^2 /NDF: 10993.3/13

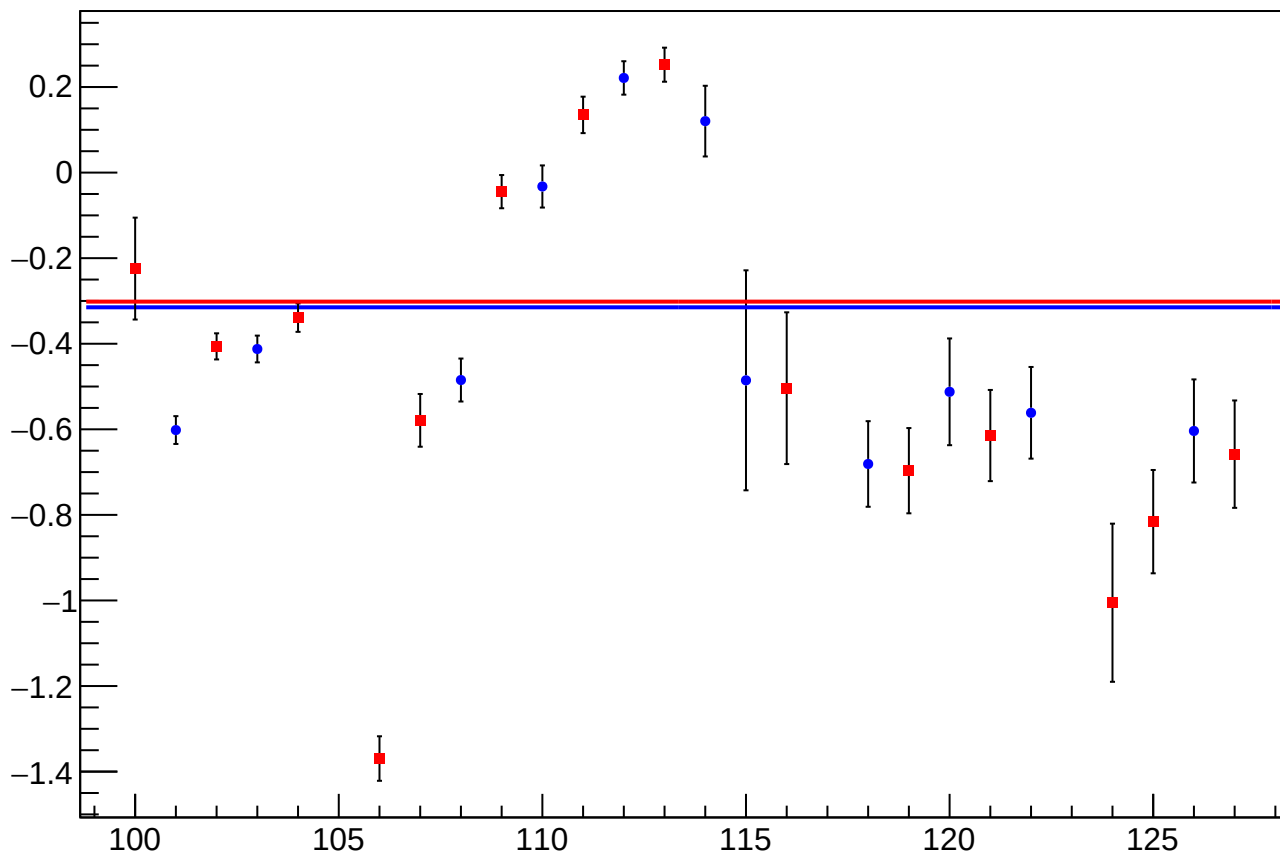
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 50.587 $\pm$ 0.203 χ^2 /NDF: 22138.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



Right In: -0.315 ± 0.016 χ^2/NDF : 375.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.302 ± 0.014 χ^2/NDF : 863.7/13

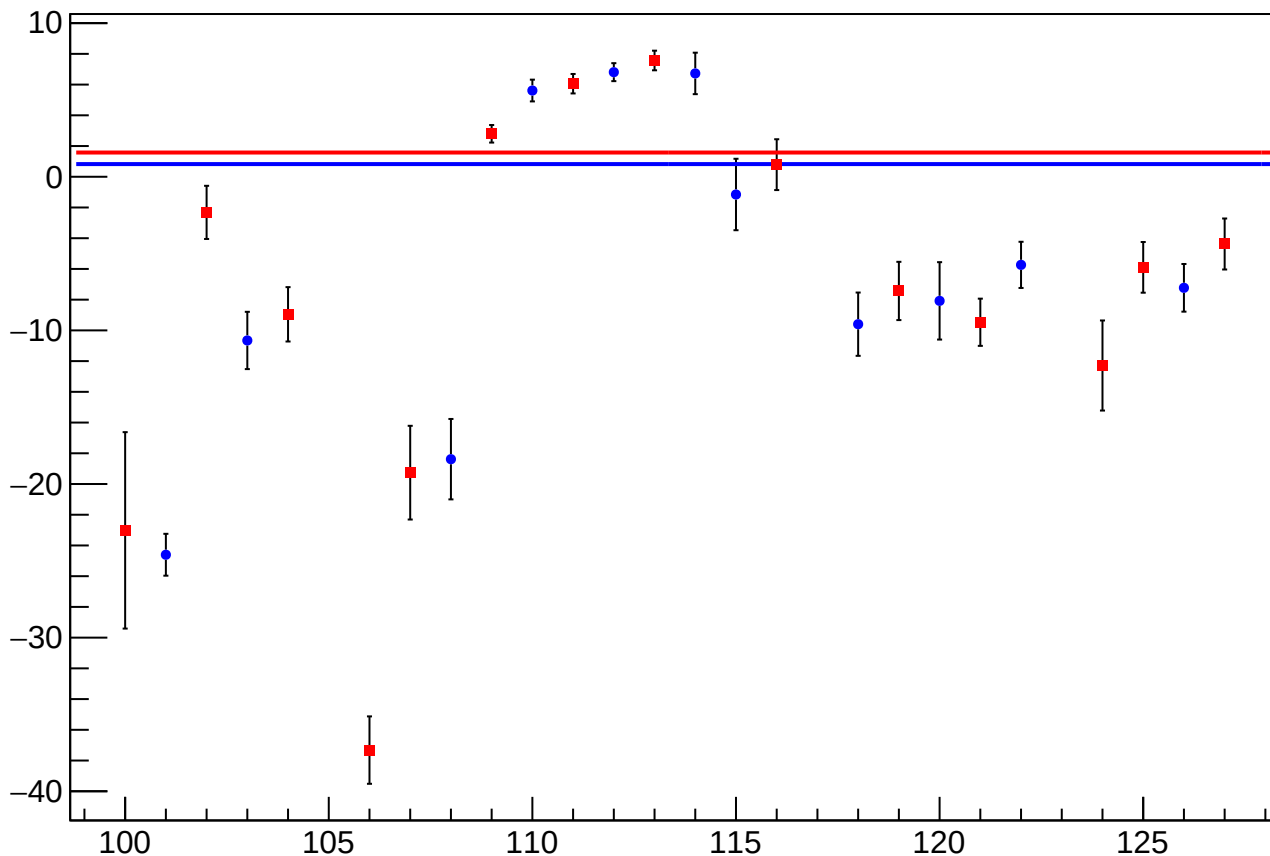
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.307 ± 0.011 χ^2/NDF : 1239.5/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



Right In: 0.825 $\pm$ 0.356 χ^2 /NDF: 694.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.578 $\pm$ 0.303 χ^2 /NDF: 689.1/13

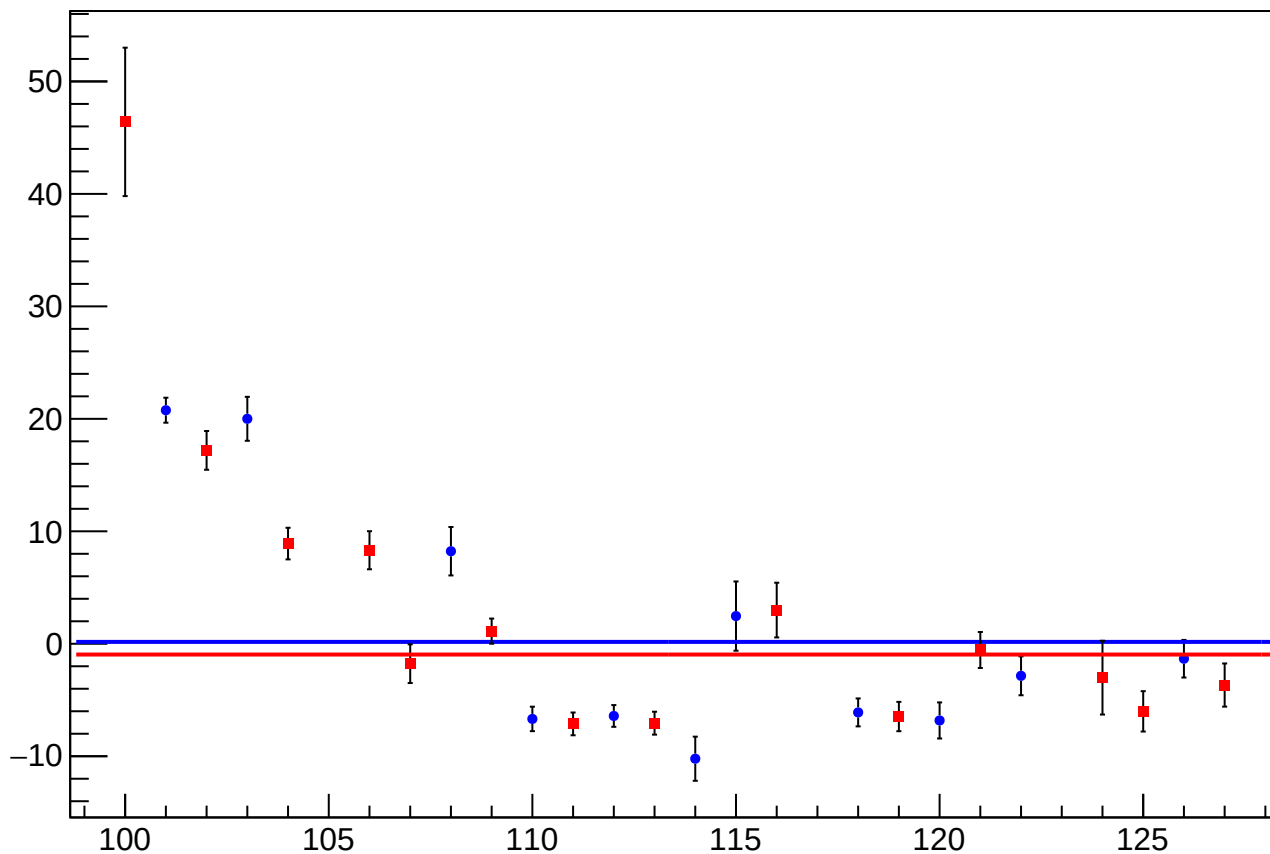
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.262 $\pm$ 0.231 χ^2 /NDF: 1386.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



Right In: 0.167+/-0.434 χ^2/NDF : 623.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.958+/-0.404 χ^2/NDF : 349.3/13

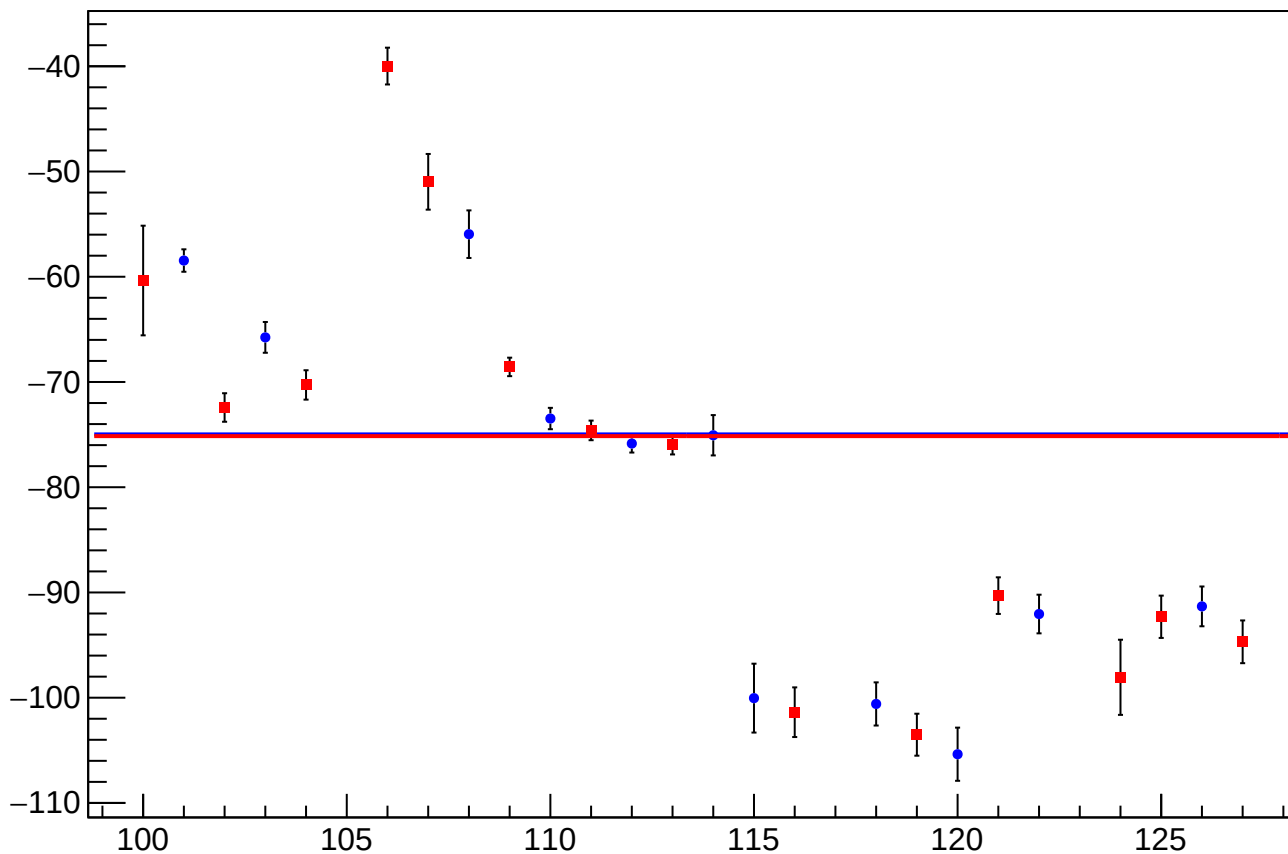
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.436+/-0.296 χ^2/NDF : 976.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



Right In: -74.982 $\pm$ 0.438 χ^2 /NDF: 874.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -75.144 $\pm$ 0.391 χ^2 /NDF: 1178.1/13

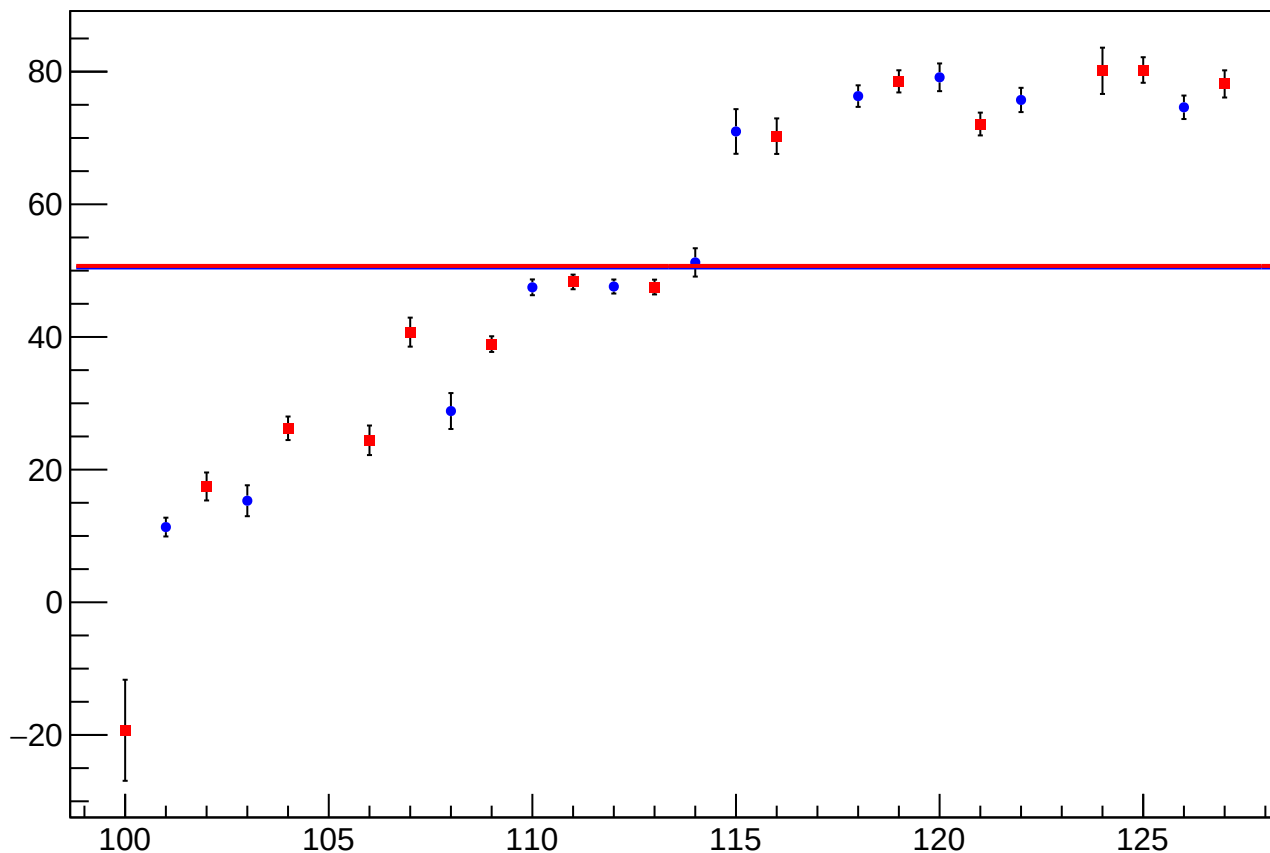
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -75.072 $\pm$ 0.292 χ^2 /NDF: 2052.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



Right In: 50.478+/-0.503 χ^2 /NDF: 1922.8/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 50.712+/-0.459 χ^2 /NDF: 1766.9/13

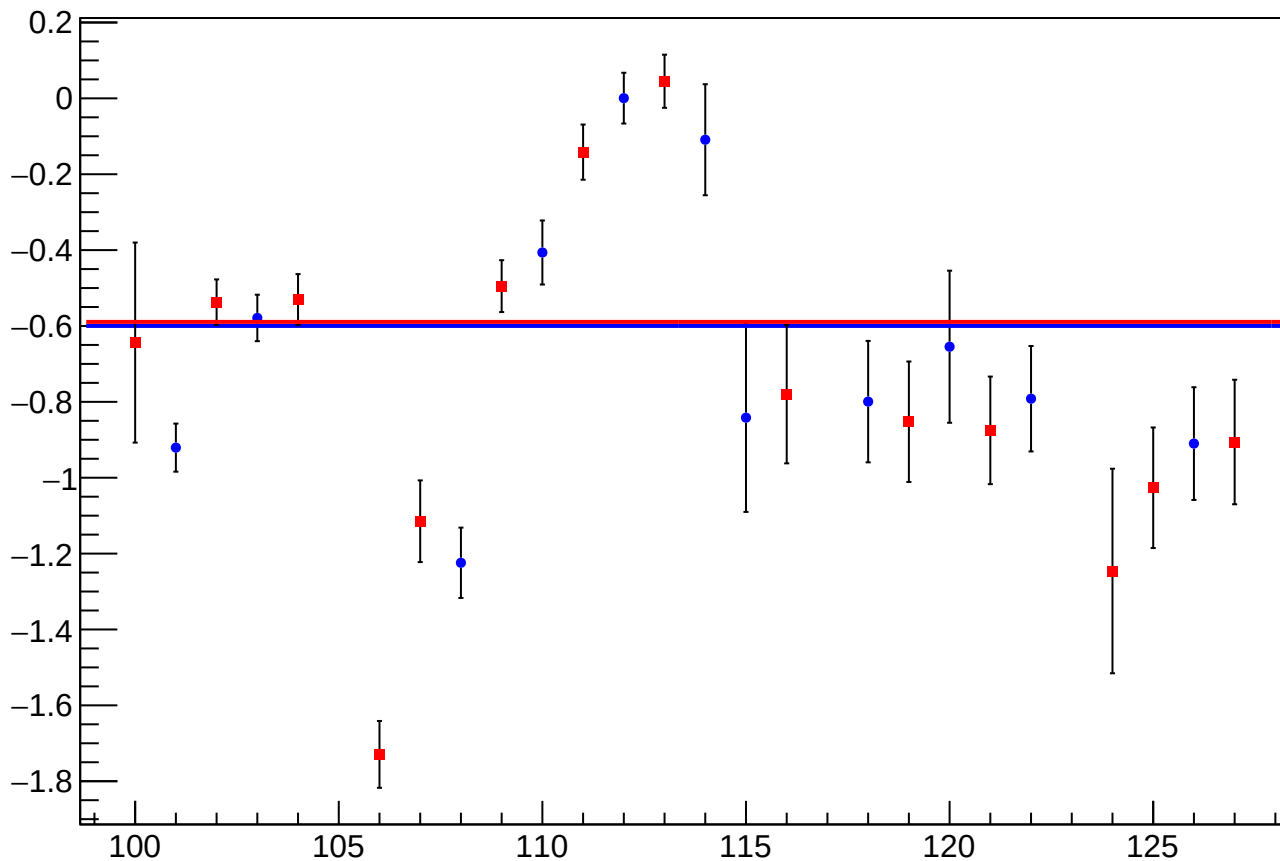
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 50.606+/-0.339 χ^2 /NDF: 3689.8/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



Right In: -0.600 $\pm$ 0.029 χ^2 /NDF: 176.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.589 $\pm$ 0.025 χ^2 /NDF: 339.9/13

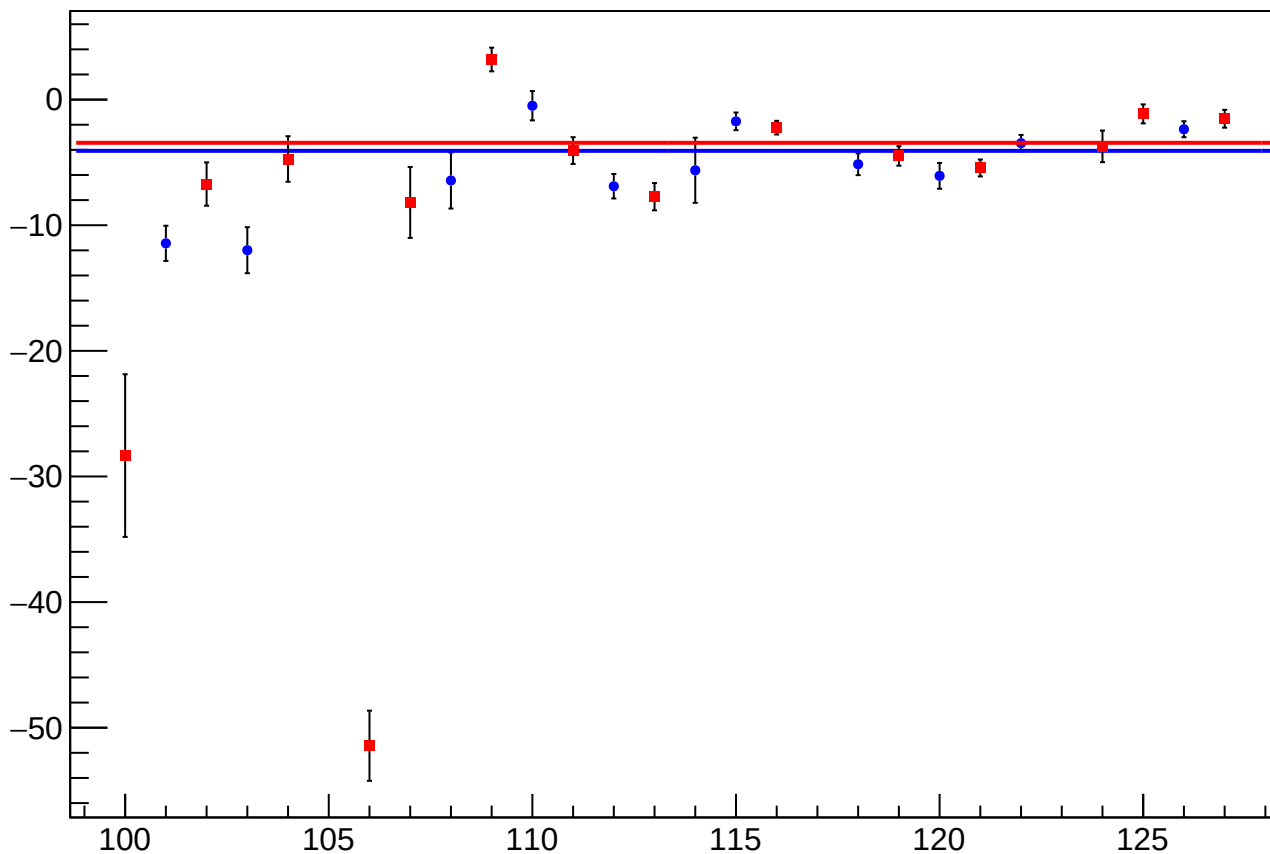
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.594 $\pm$ 0.019 χ^2 /NDF: 516.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: -4.077 ± 0.288 χ^2/NDF : 90.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.438 ± 0.255 χ^2/NDF : 415.1/13

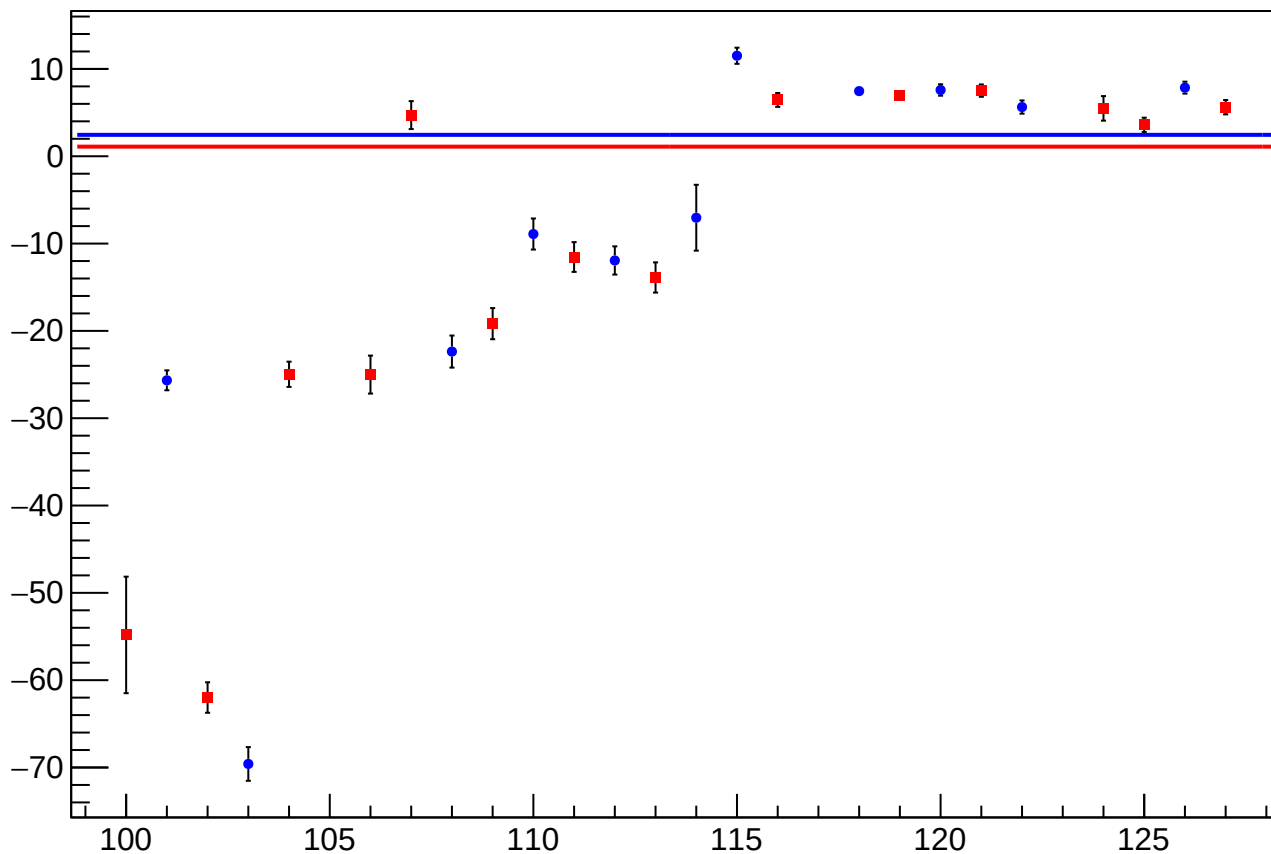
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.719 ± 0.191 χ^2/NDF : 508.0/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 2.452 $\pm$ 0.276 χ^2 /NDF: 2638.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.101 $\pm$ 0.278 χ^2 /NDF: 2407.6/13

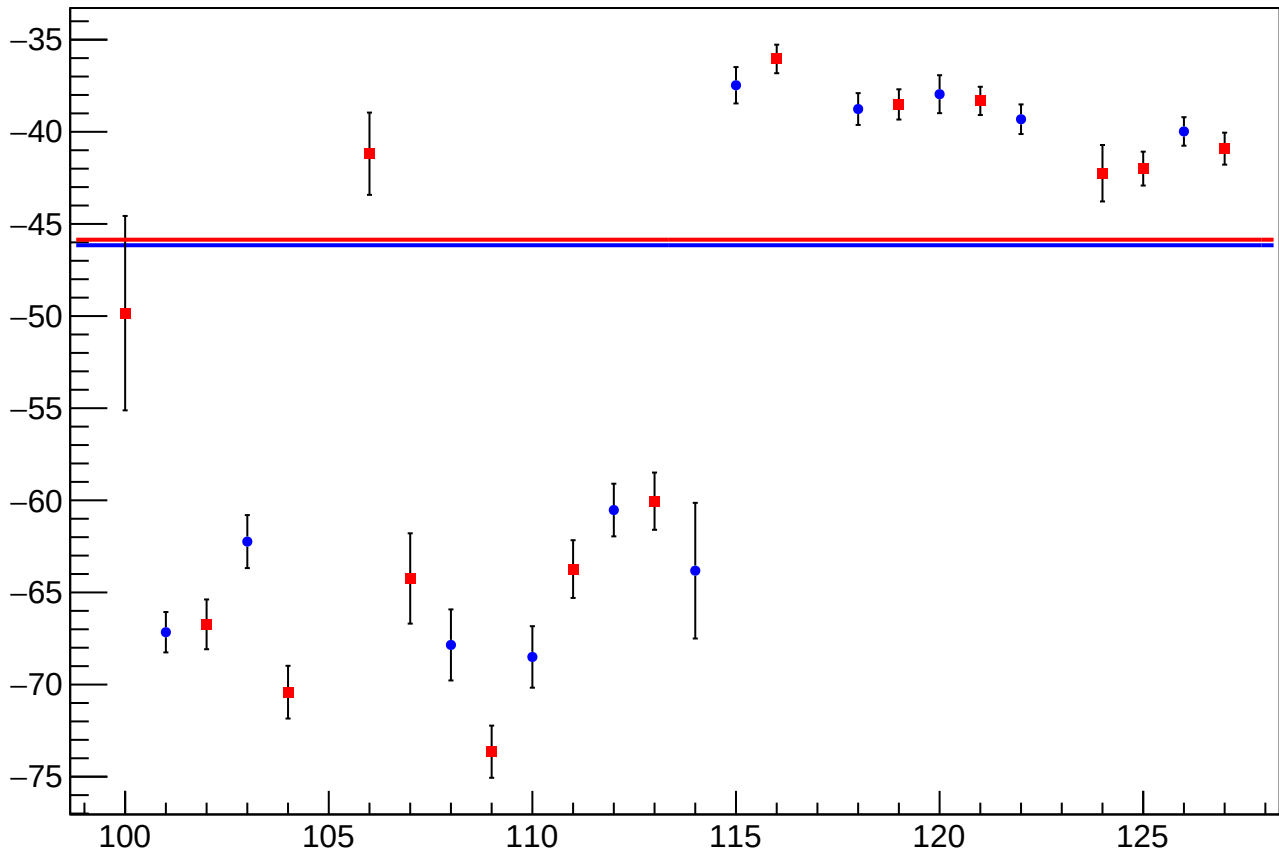
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.782 $\pm$ 0.196 χ^2 /NDF: 5058.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



Right In: -46.156+/-0.333 χ^2/NDF : 1272.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -45.854+/-0.308 χ^2/NDF : 1585.7/13

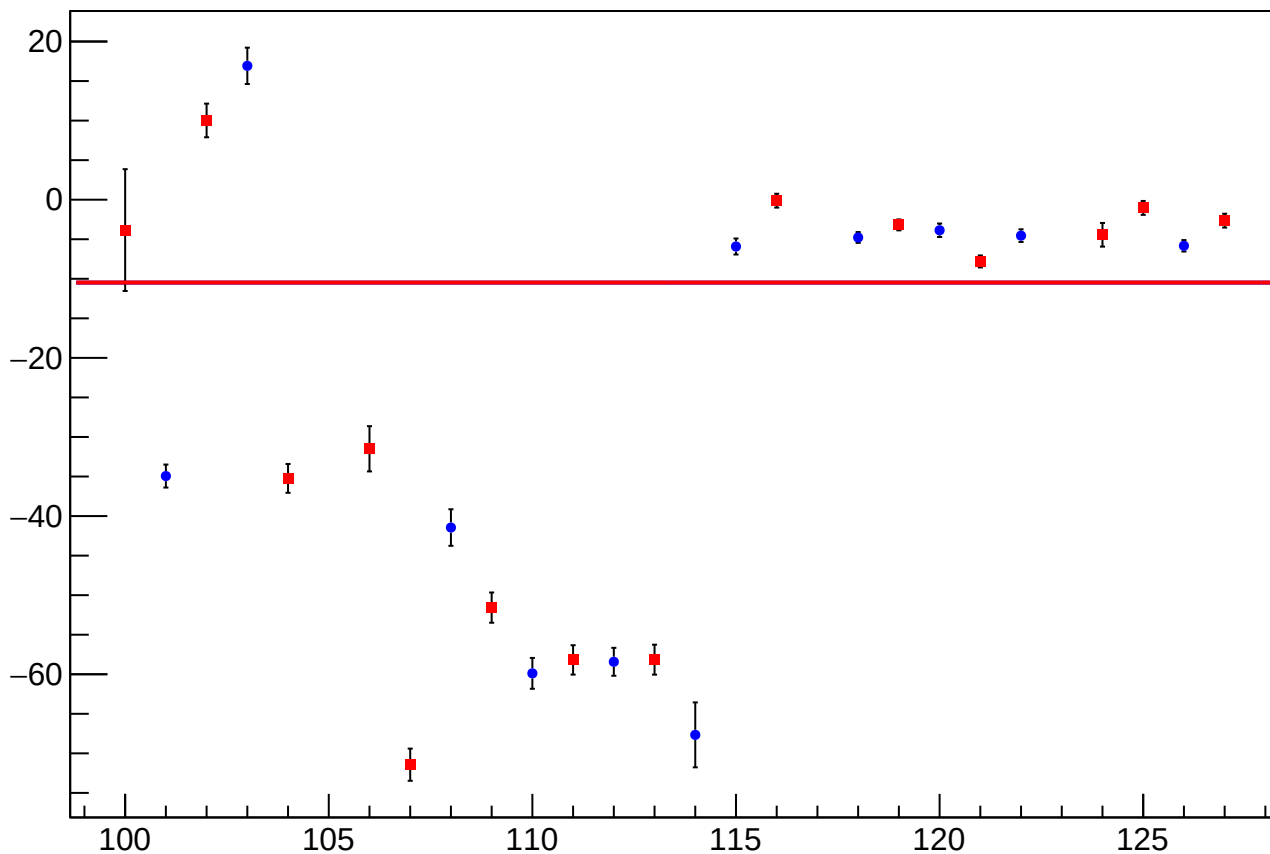
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -45.994+/-0.226 χ^2/NDF : 2858.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: -10.485 $\pm$ 0.325 χ^2 /NDF: 2424.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -10.472 $\pm$ 0.317 χ^2 /NDF: 3460.2/13

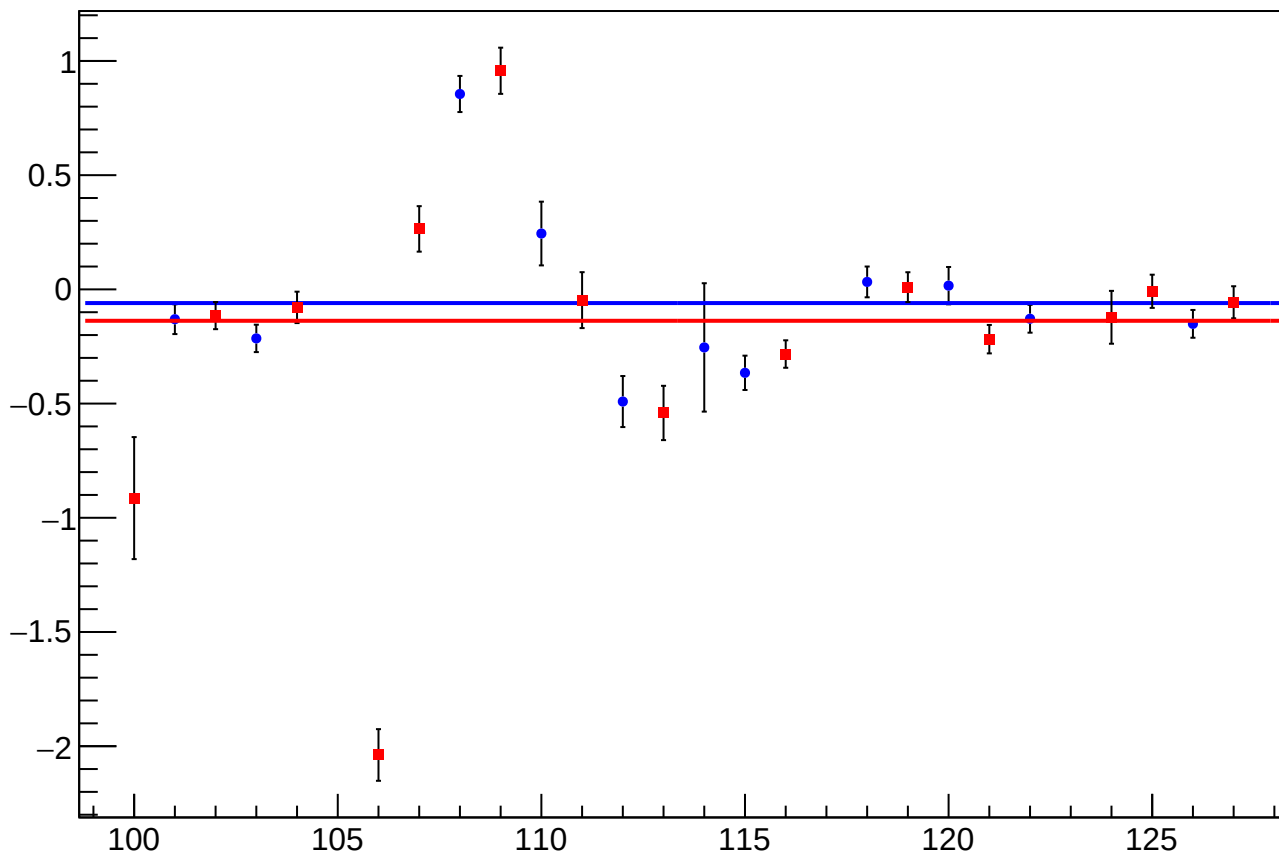
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -10.478 $\pm$ 0.227 χ^2 /NDF: 5884.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: -0.060 ± 0.023 χ^2/NDF : 184.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.138 ± 0.022 χ^2/NDF : 454.6/13

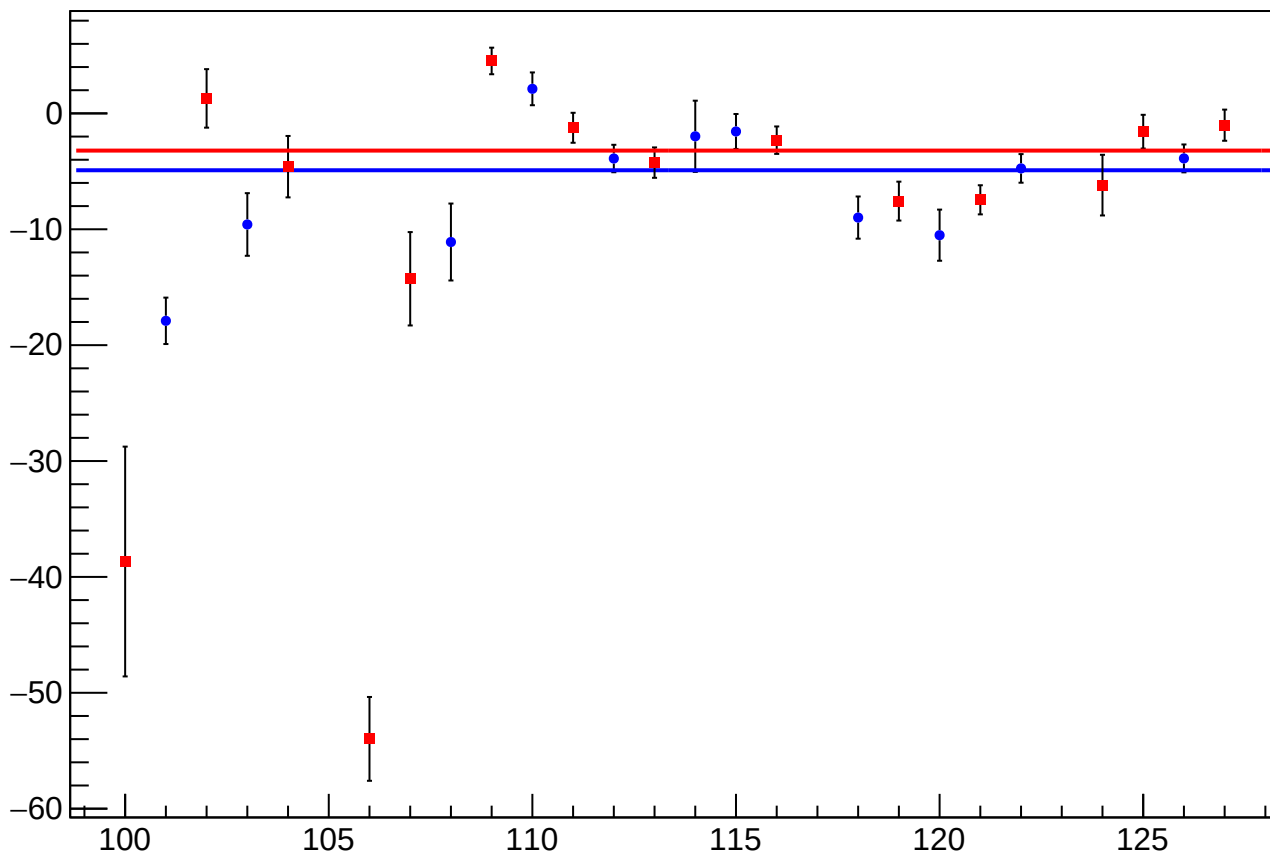
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.101 ± 0.016 χ^2/NDF : 645.5/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



Right In: -4.907 ± 0.494 χ^2/NDF : 92.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.210 ± 0.436 χ^2/NDF : 293.2/13

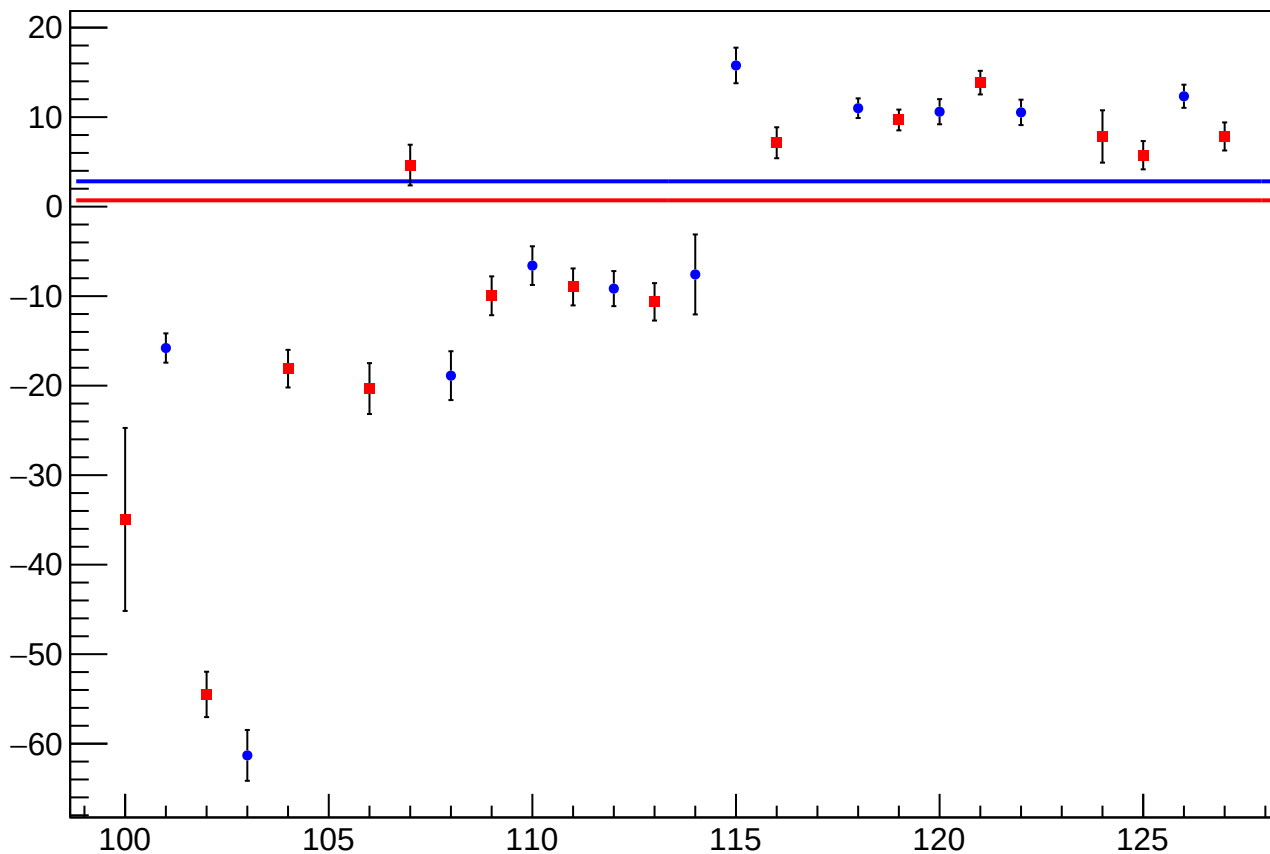
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.952 ± 0.327 χ^2/NDF : 391.8/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: 2.827 $\pm$ 0.510 χ^2 /NDF: 976.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.703 $\pm$ 0.502 χ^2 /NDF: 909.1/13

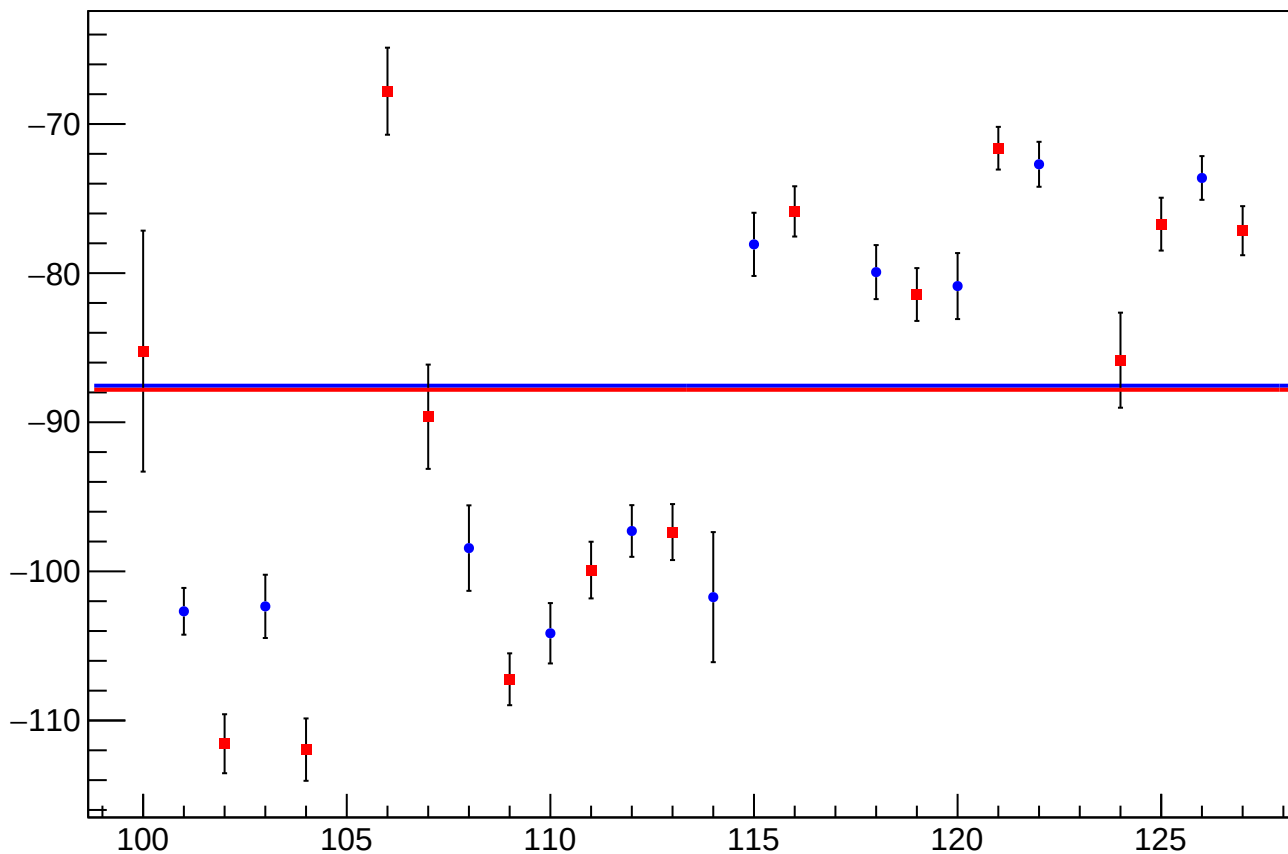
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.748 $\pm$ 0.358 χ^2 /NDF: 1894.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



Right In: -87.549 $\pm$ 0.576 χ^2 /NDF: 499.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -87.823 $\pm$ 0.532 χ^2 /NDF: 788.6/13

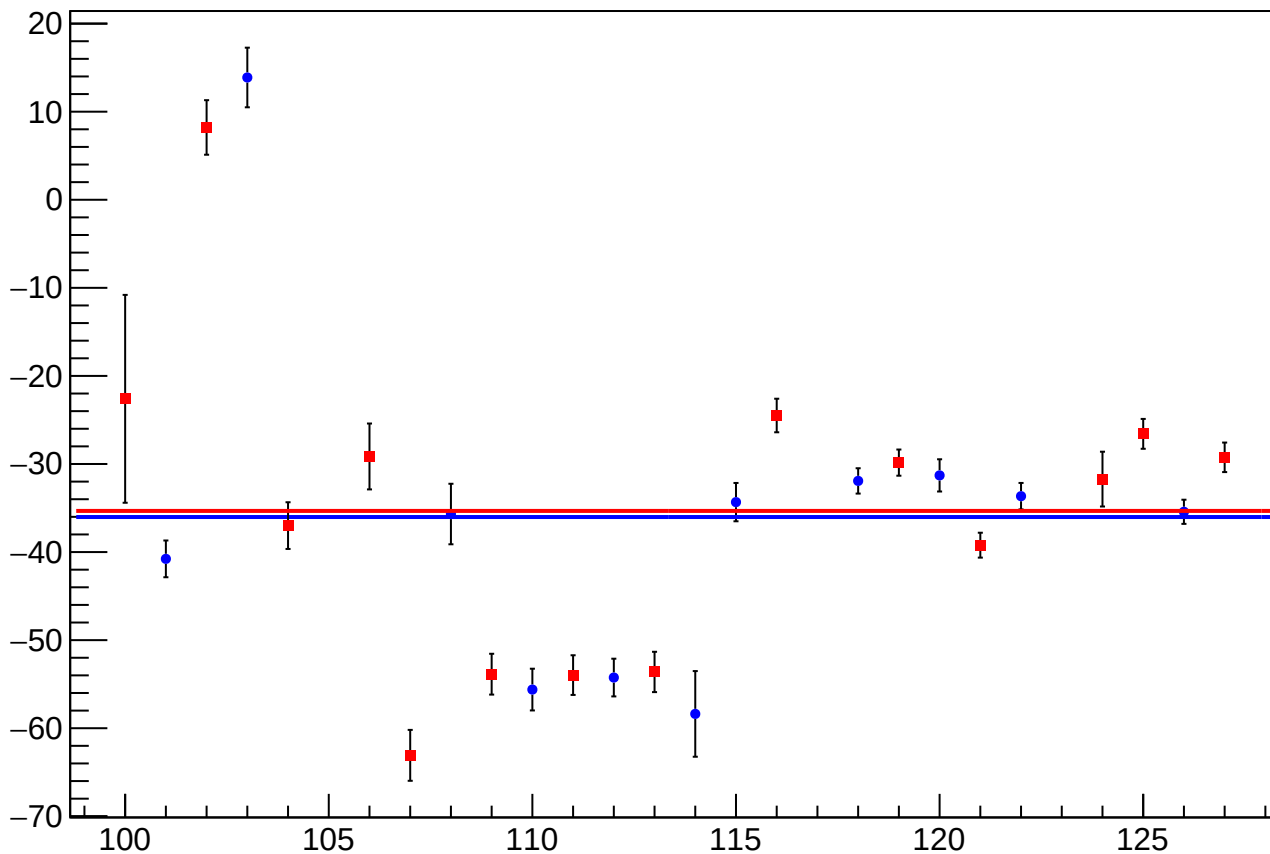
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -87.697 $\pm$ 0.391 χ^2 /NDF: 1288.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



Right In: -36.022 ± 0.597 χ^2/NDF : 402.6/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -35.328 ± 0.572 χ^2/NDF : 585.1/13

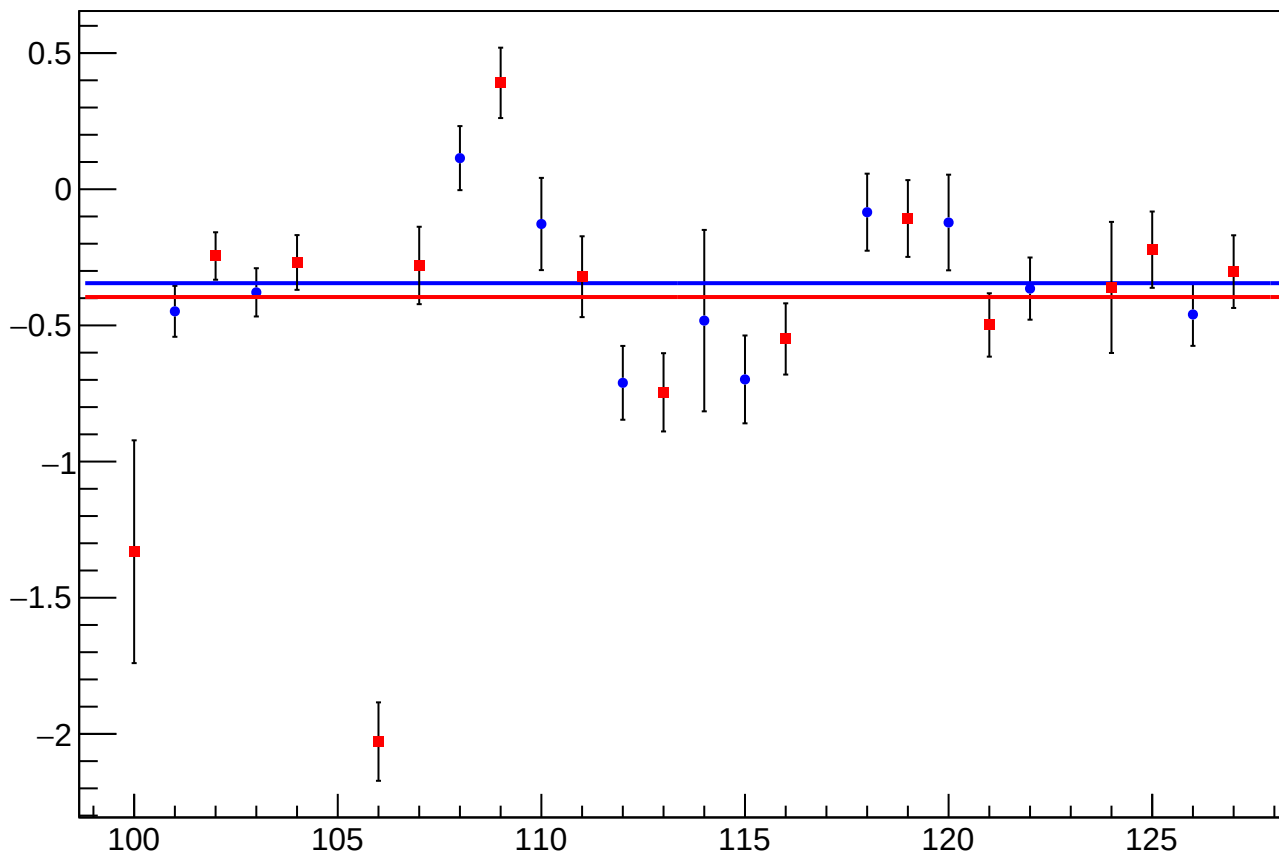
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.660 ± 0.413 χ^2/NDF : 988.4/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



Right In: -0.345 ± 0.038 χ^2/NDF : 36.6/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.396 ± 0.035 χ^2/NDF : 190.6/13

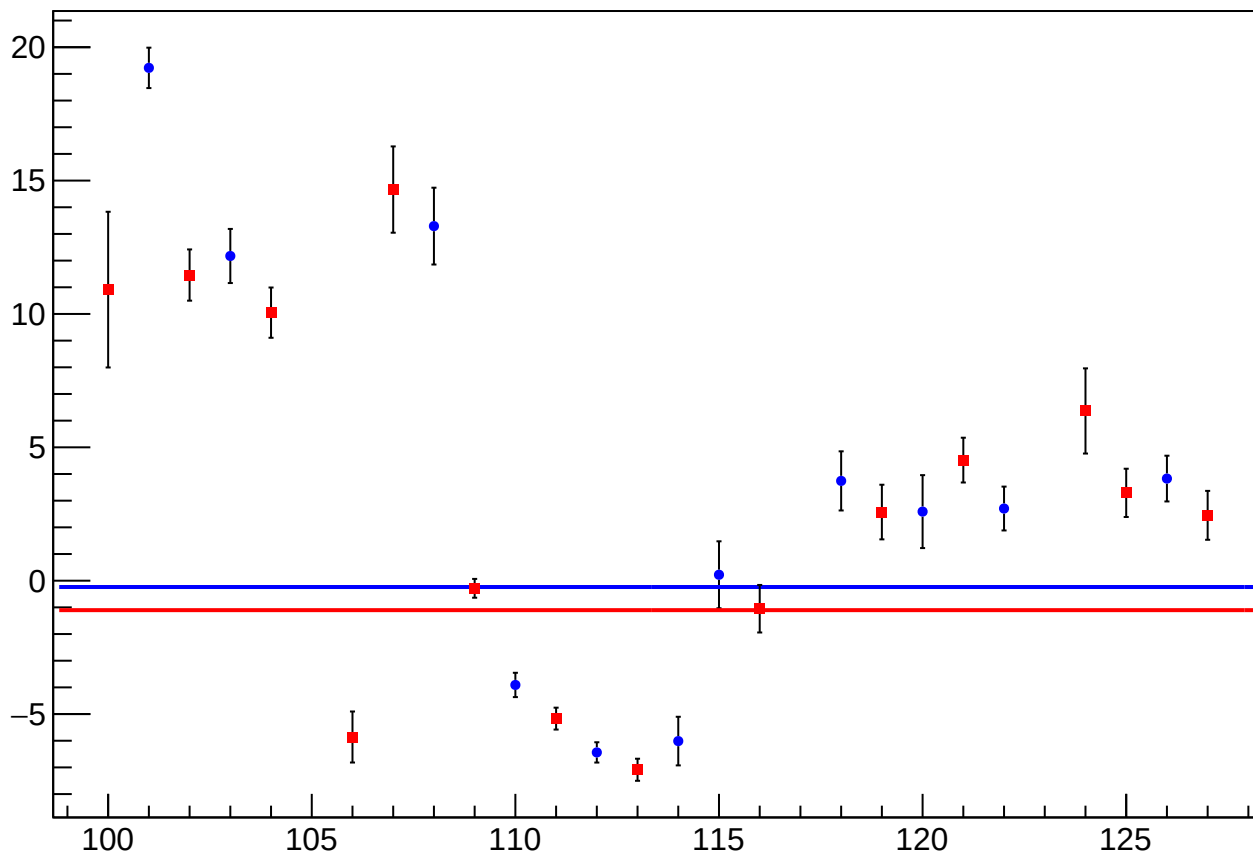
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.372 ± 0.026 χ^2/NDF : 228.1/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug



Right In: -0.237 $\pm$ 0.219 χ^2 /NDF: 1321.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.105 $\pm$ 0.182 χ^2 /NDF: 878.8/13

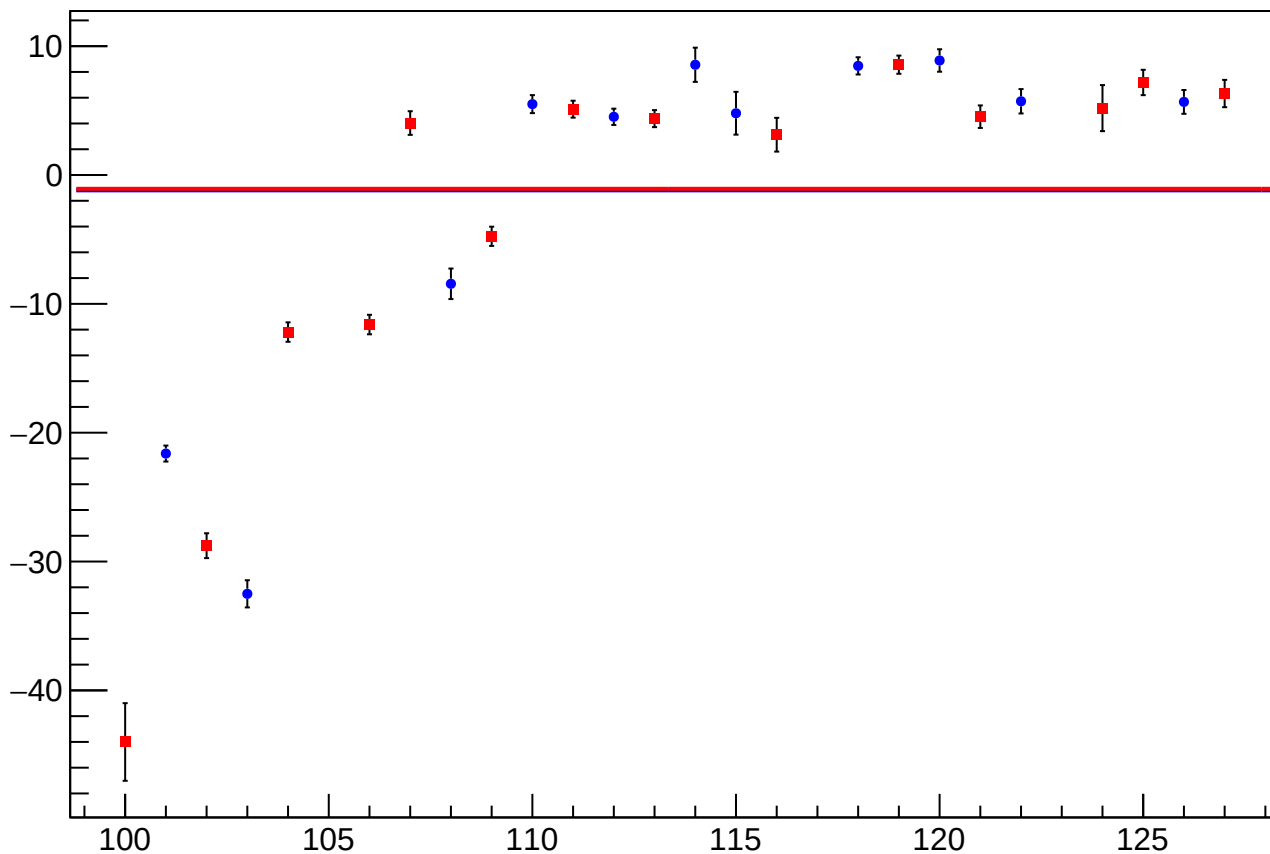
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.748 $\pm$ 0.140 χ^2 /NDF: 2209.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



Right In: -1.189 ± 0.254 χ^2/NDF : 2694.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.070 ± 0.233 χ^2/NDF : 2019.7/13

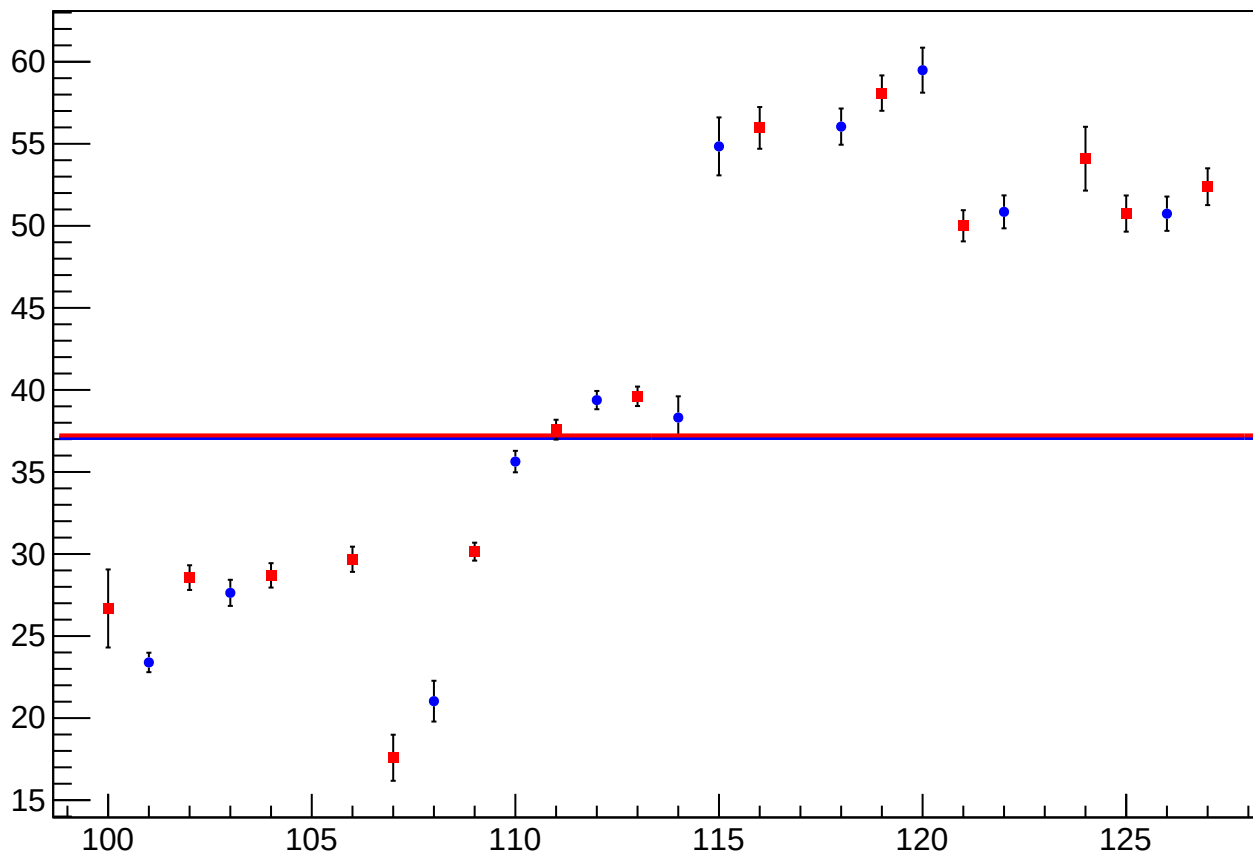
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.124 ± 0.172 χ^2/NDF : 4714.0/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



Right In: 37.072 $\pm$ 0.260 χ^2 /NDF: 1886.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 37.227 $\pm$ 0.227 χ^2 /NDF: 1942.0/13

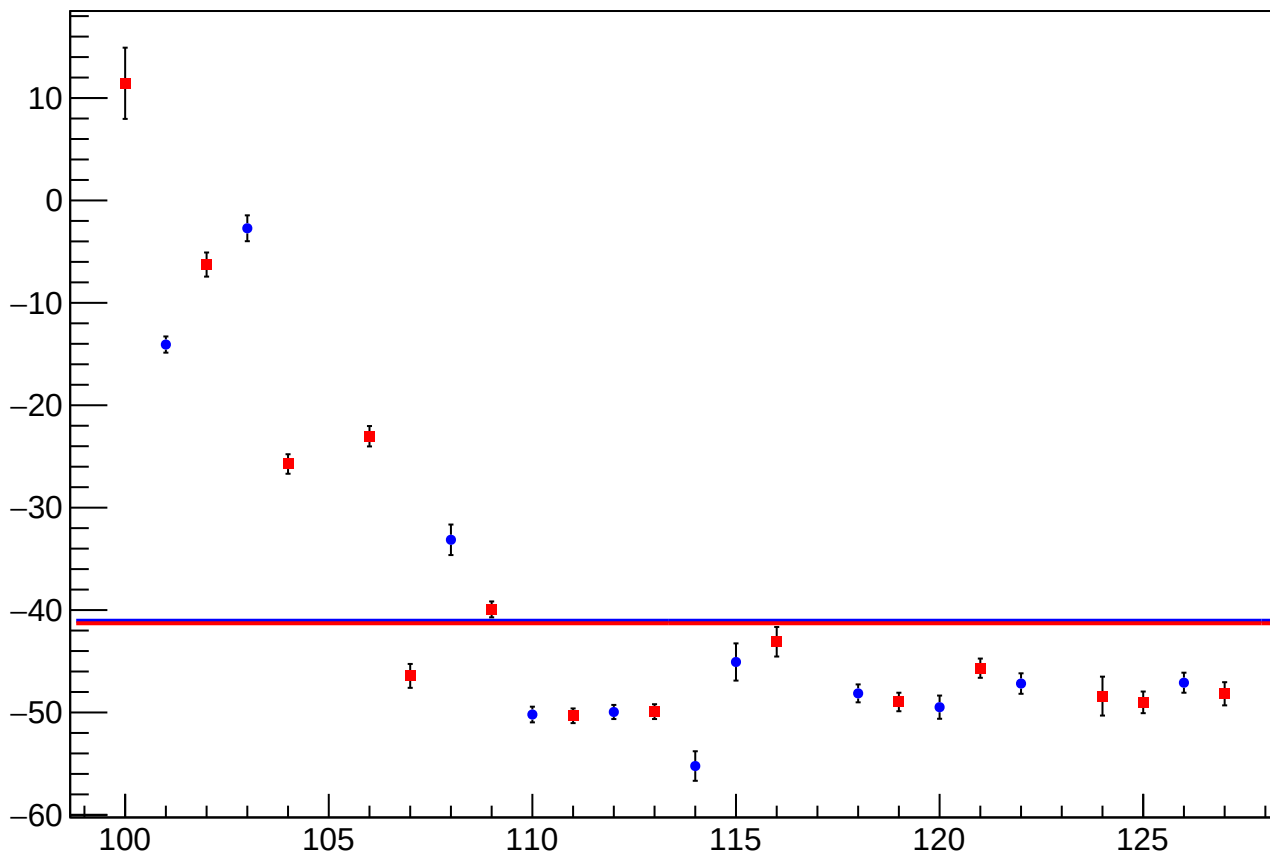
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 37.160 $\pm$ 0.171 χ^2 /NDF: 3828.5/24

- 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: -41.043 ± 0.296 χ^2/NDF : 2719.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -41.289 ± 0.268 χ^2/NDF : 2242.4/13

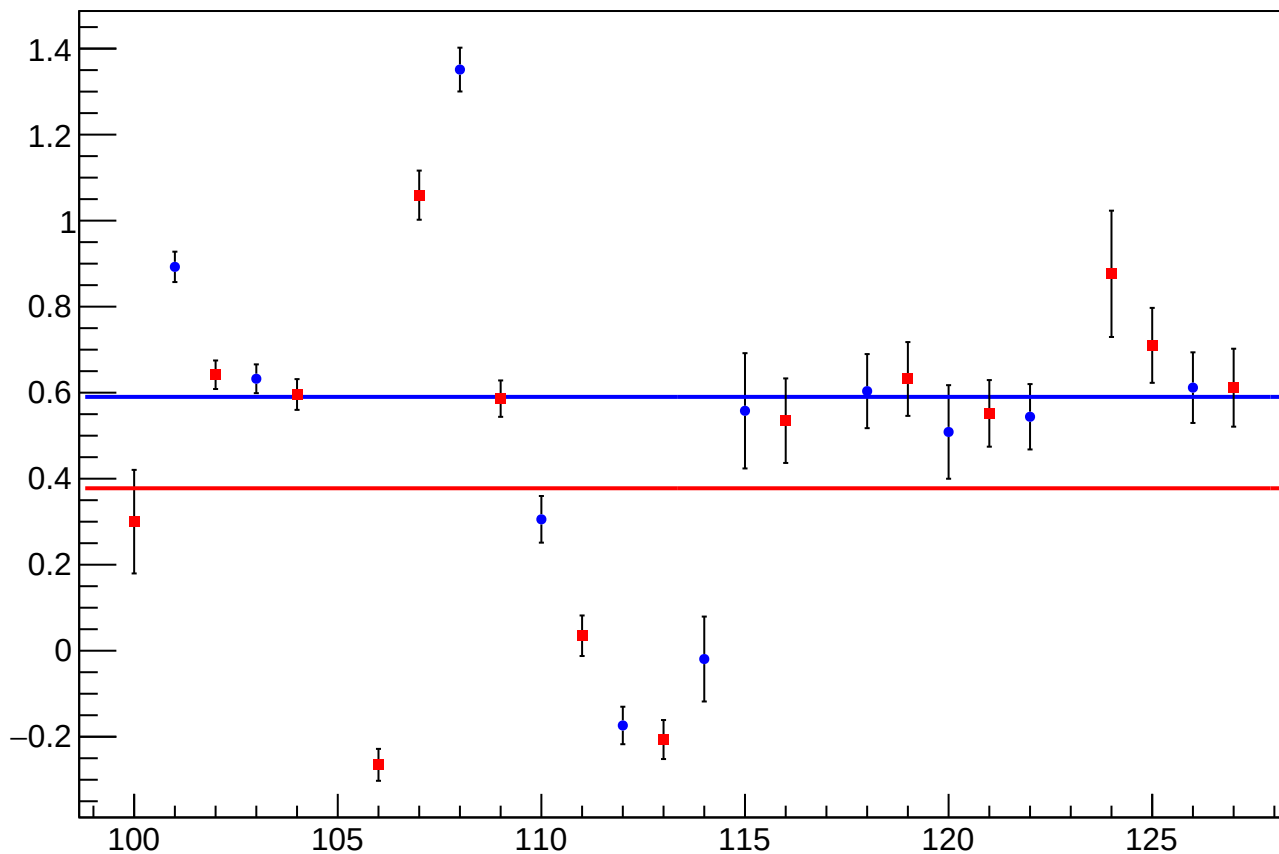
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -41.179 ± 0.199 χ^2/NDF : 4962.6/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.590 $\pm$ 0.017 χ^2 /NDF: 672.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.378 $\pm$ 0.014 χ^2 /NDF: 835.8/13

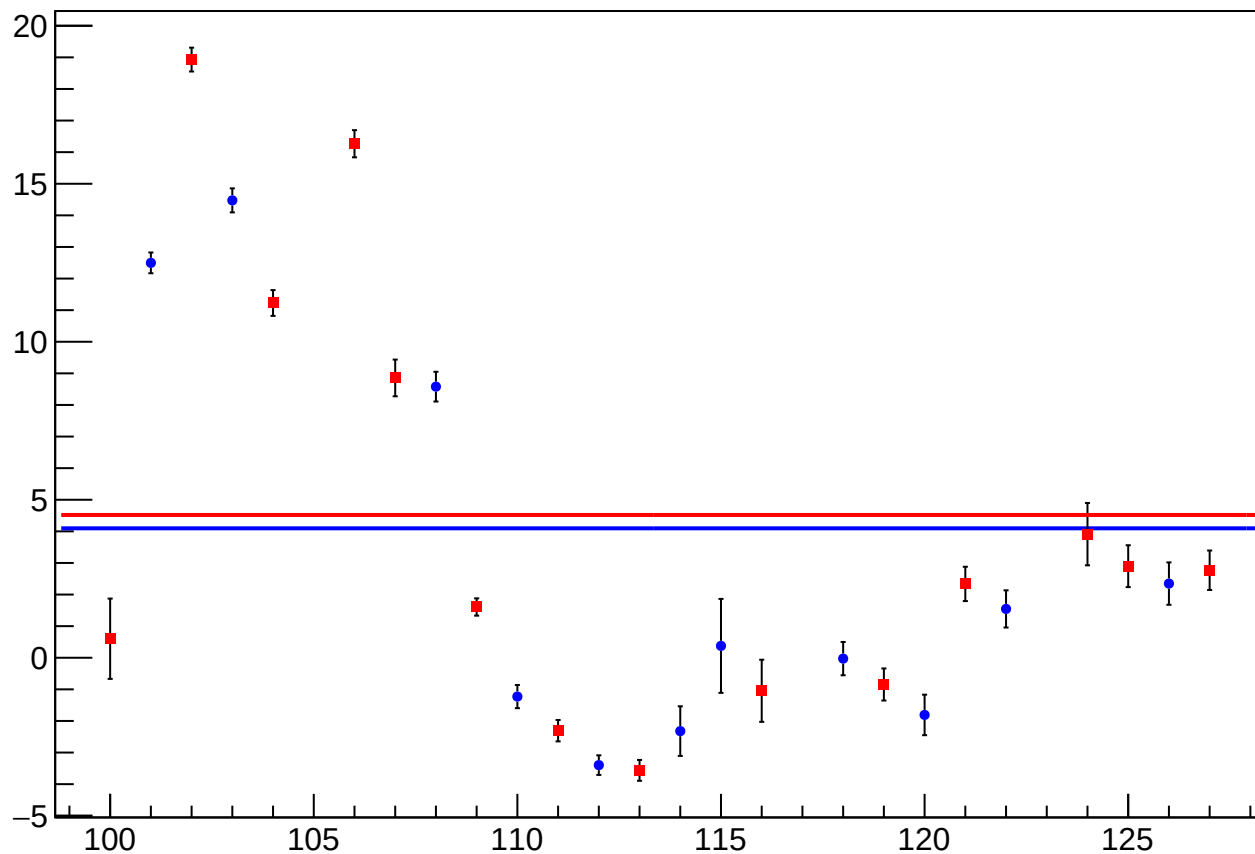
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.467 $\pm$ 0.011 χ^2 /NDF: 1603.1/24

- 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: 4.096+/-0.139 χ^2/NDF : 2528.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.519+/-0.122 χ^2/NDF : 3838.3/13

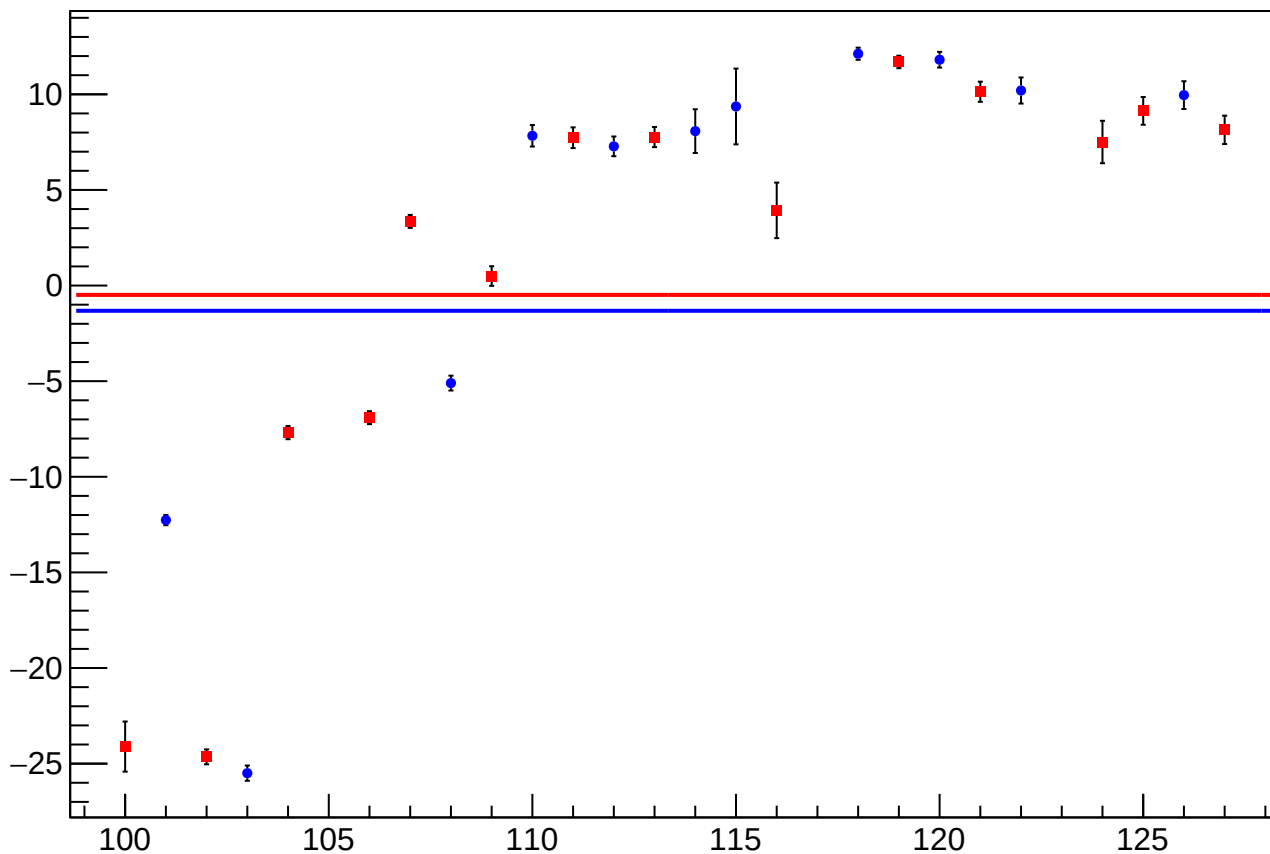
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.335+/-0.092 χ^2/NDF : 6372.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



Right In: -1.320 ± 0.135 χ^2/NDF : 9394.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.489 ± 0.127 χ^2/NDF : 7745.8/13

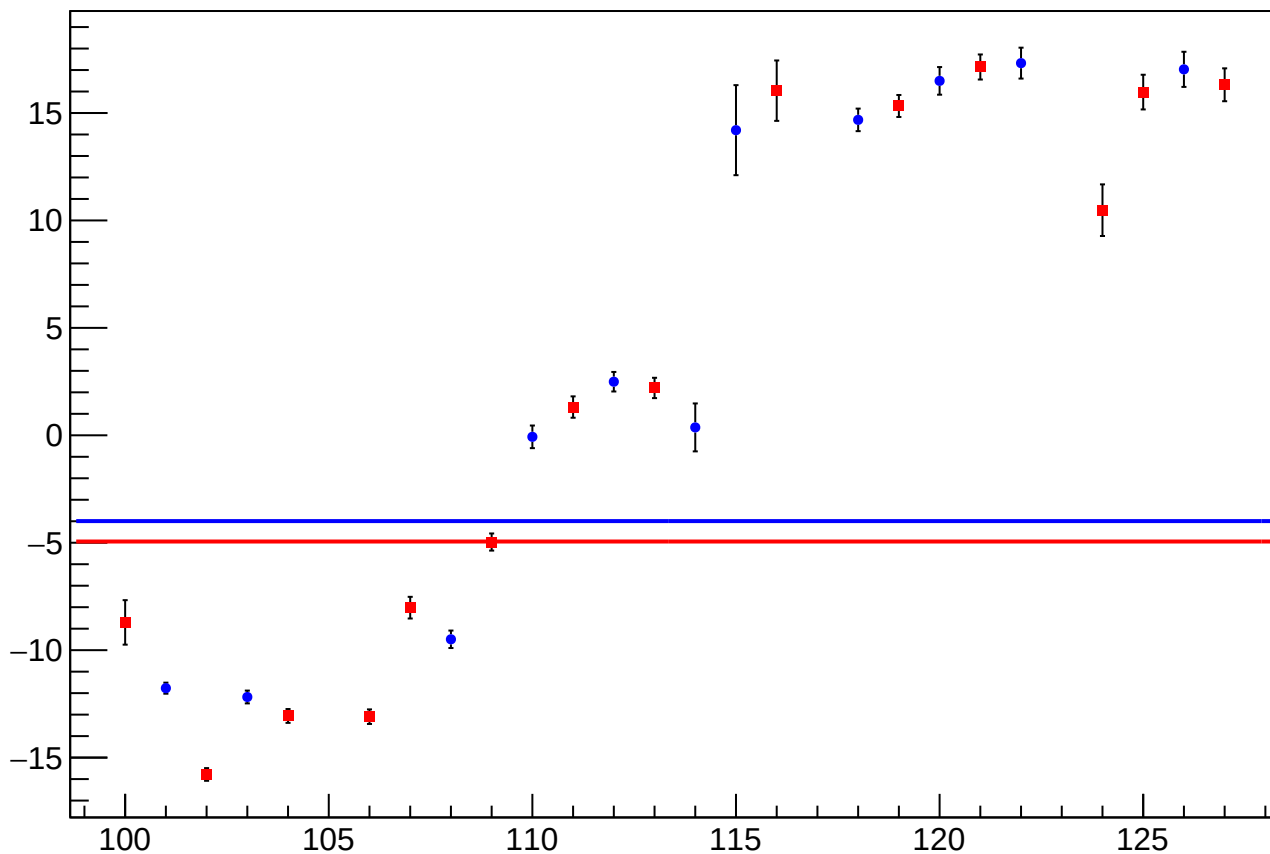
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.878 ± 0.093 χ^2/NDF : 17160.2/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: -3.993+/-0.139 χ^2/NDF : 6024.8/10

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.943+/-0.128 χ^2/NDF : 7832.2/13

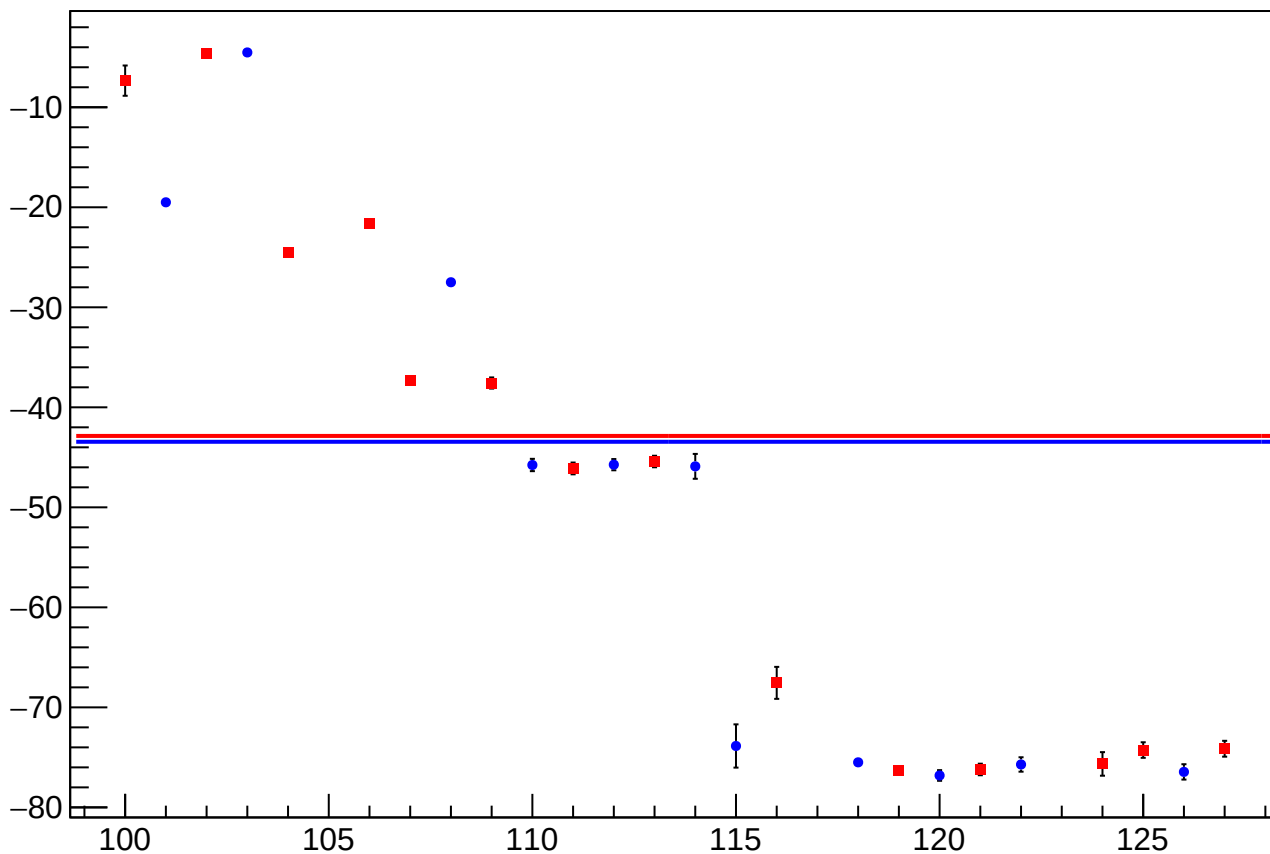
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.507+/-0.094 χ^2/NDF : 13882.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



Right In: -43.446 $\pm$ 0.165 χ^2 /NDF: 26606.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -42.861 $\pm$ 0.153 χ^2 /NDF: 25416.2/13

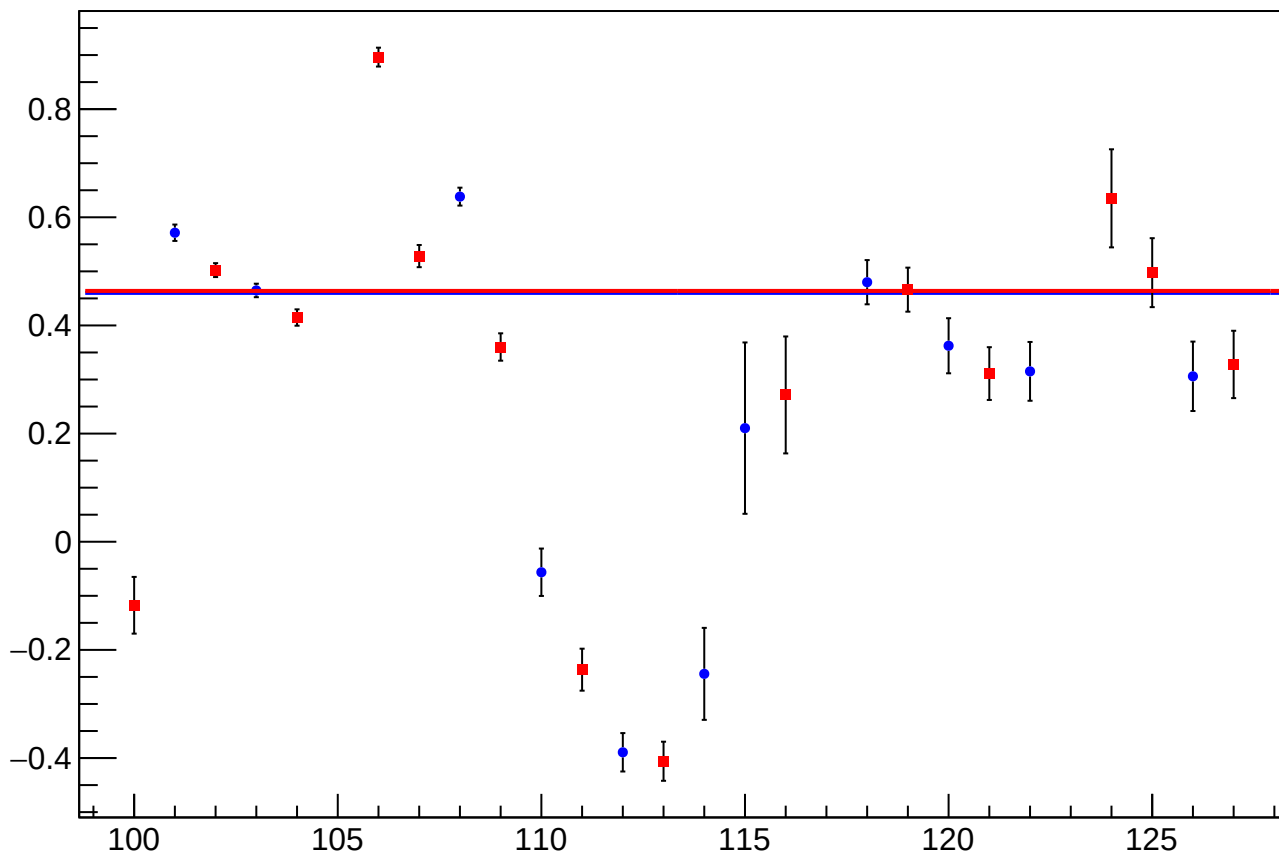
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -43.131 $\pm$ 0.112 χ^2 /NDF: 52029.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.460 $\pm$ 0.008 χ^2 /NDF: 968.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.464 $\pm$ 0.007 χ^2 /NDF: 1708.0/13

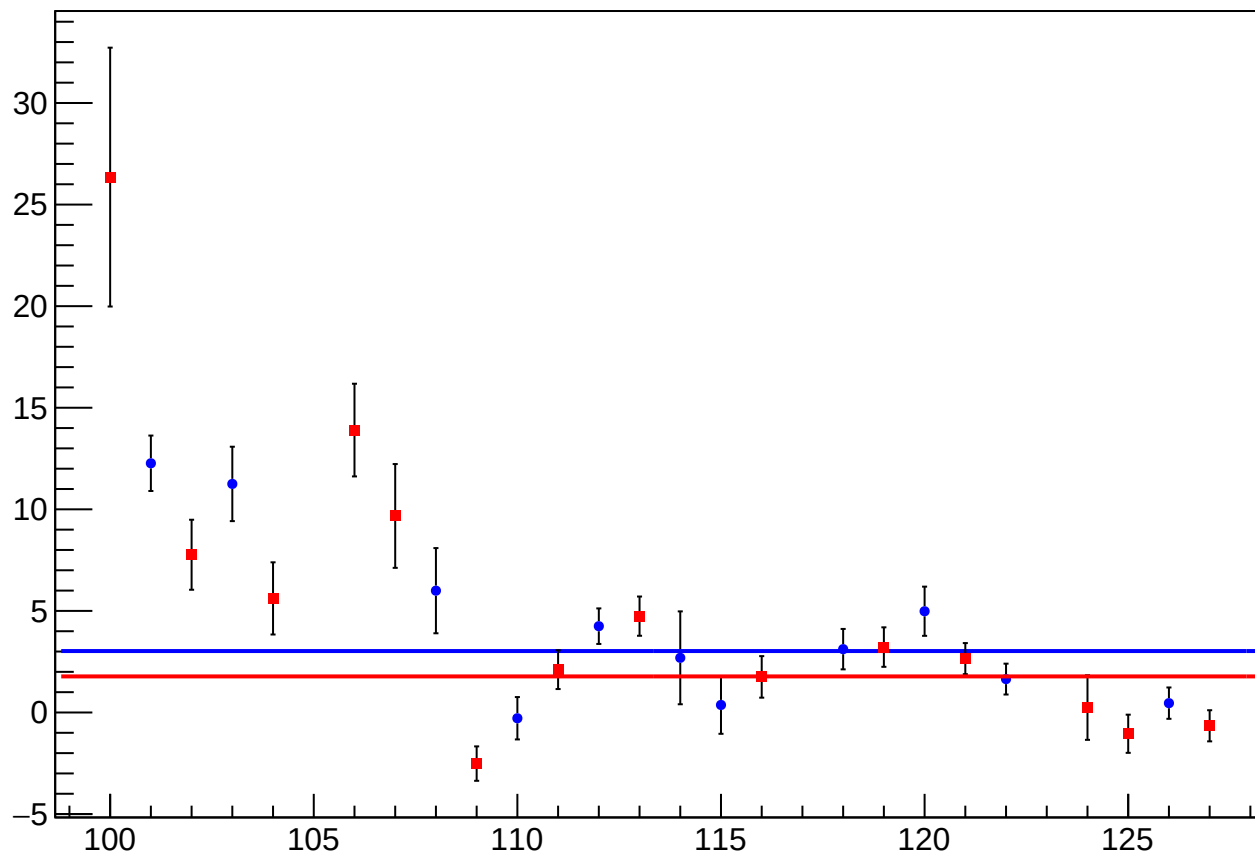
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.462 $\pm$ 0.005 χ^2 /NDF: 2676.6/24

- 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: 3.024+/-0.332 χ^2/NDF : 100.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.776+/-0.294 χ^2/NDF : 128.2/13

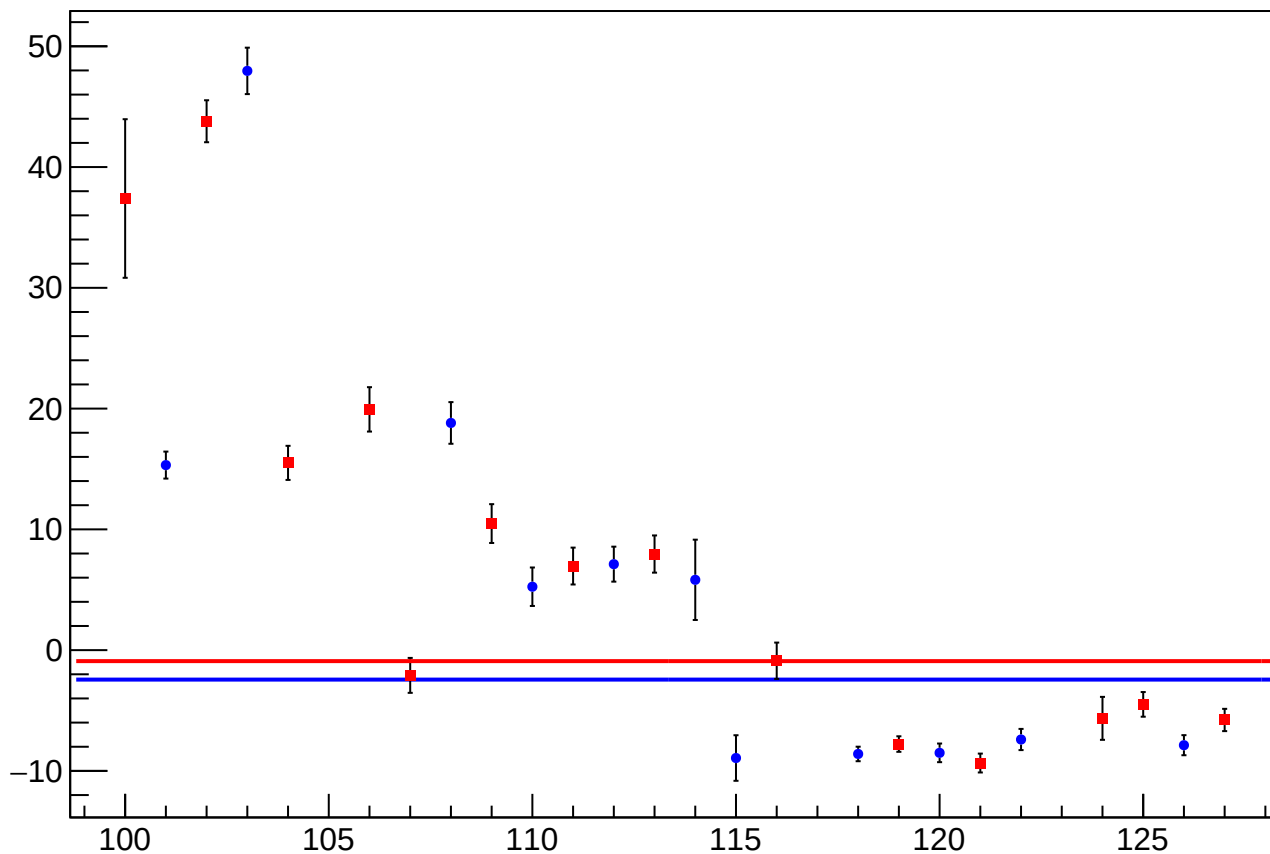
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.326+/-0.220 χ^2/NDF : 236.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



Right In: -2.439+/-0.319 χ^2/NDF : 1418.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.910+/-0.319 χ^2/NDF : 1347.9/13

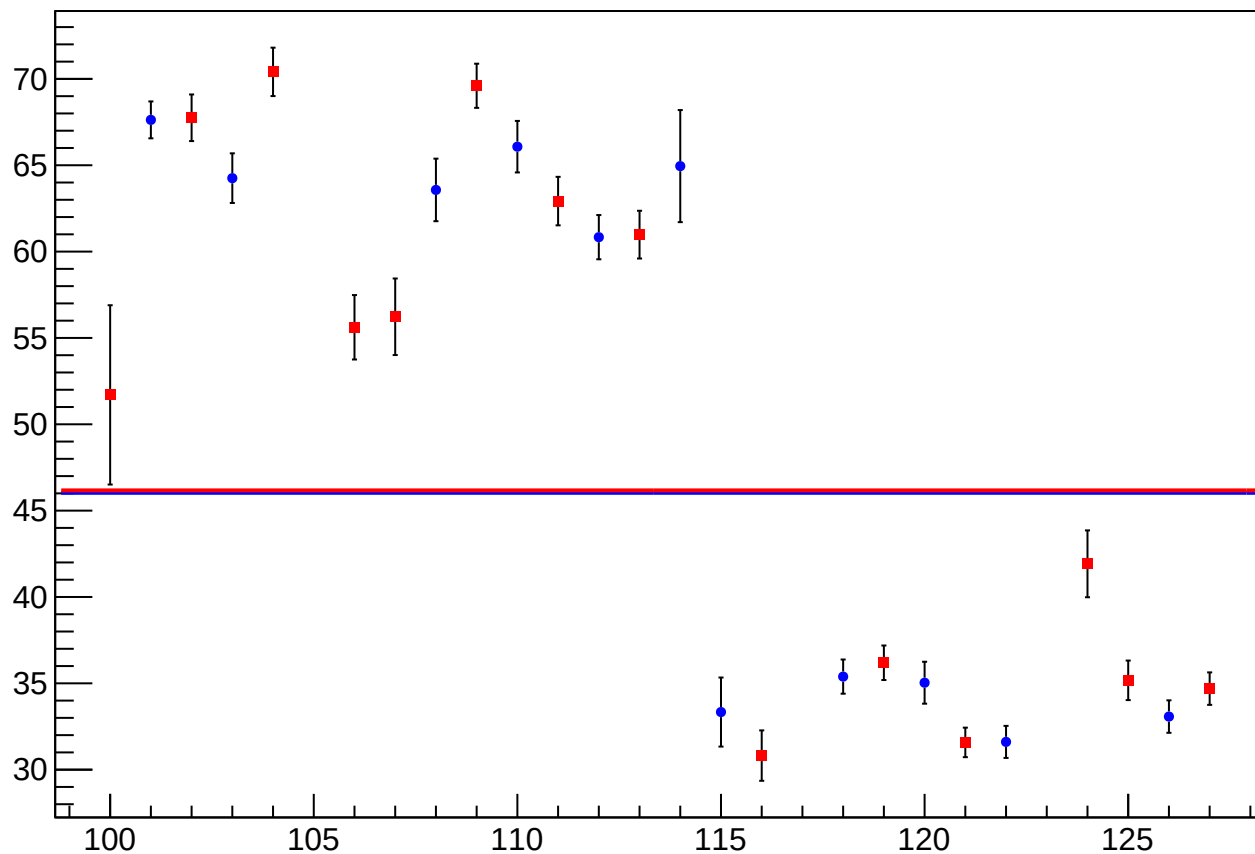
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.676+/-0.226 χ^2/NDF : 2777.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



Right In: 46.034 $\pm$ 0.376 χ^2 /NDF: 1680.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 46.172 $\pm$ 0.349 χ^2 /NDF: 1943.4/13

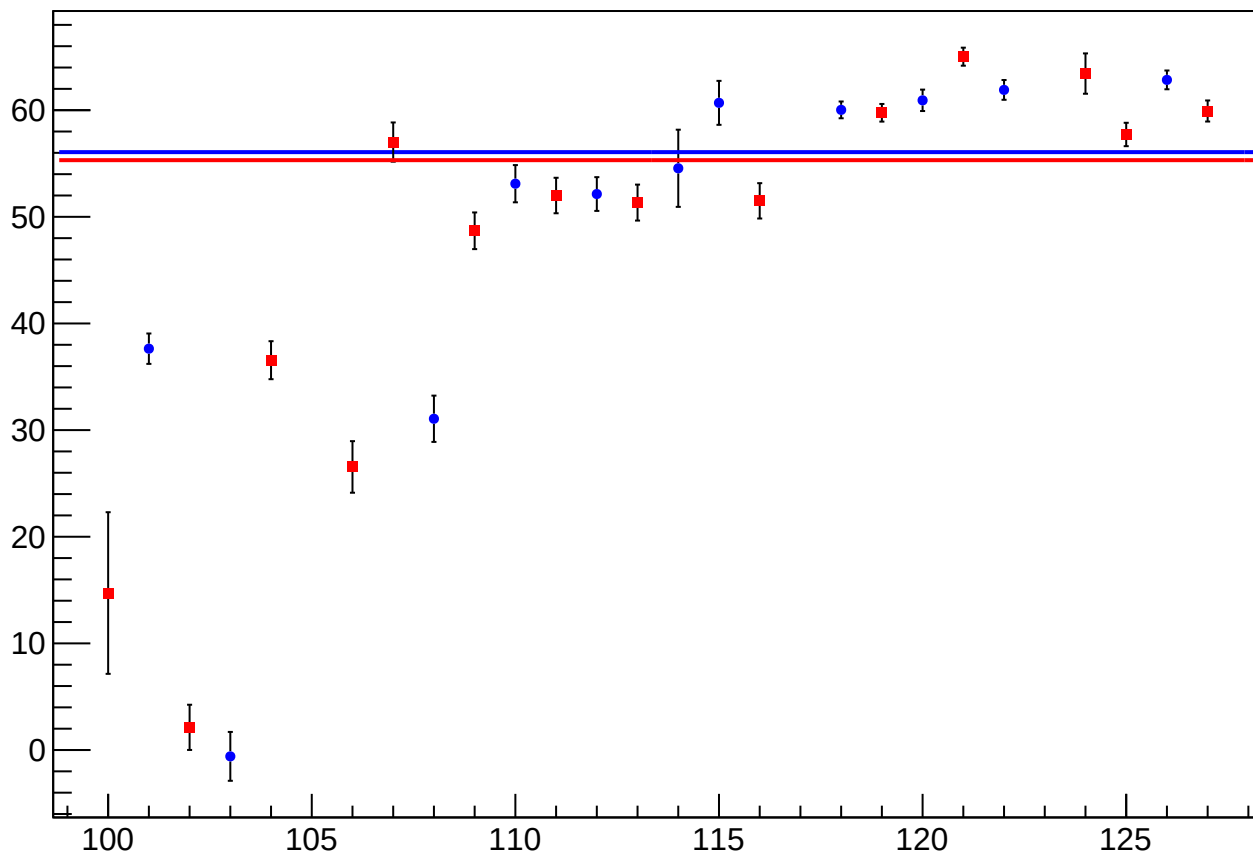
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 46.108 $\pm$ 0.256 χ^2 /NDF: 3624.2/24

- 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: 56.067 $\pm$ 0.378 χ^2 /NDF: 1073.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 55.313 $\pm$ 0.367 χ^2 /NDF: 1147.0/13

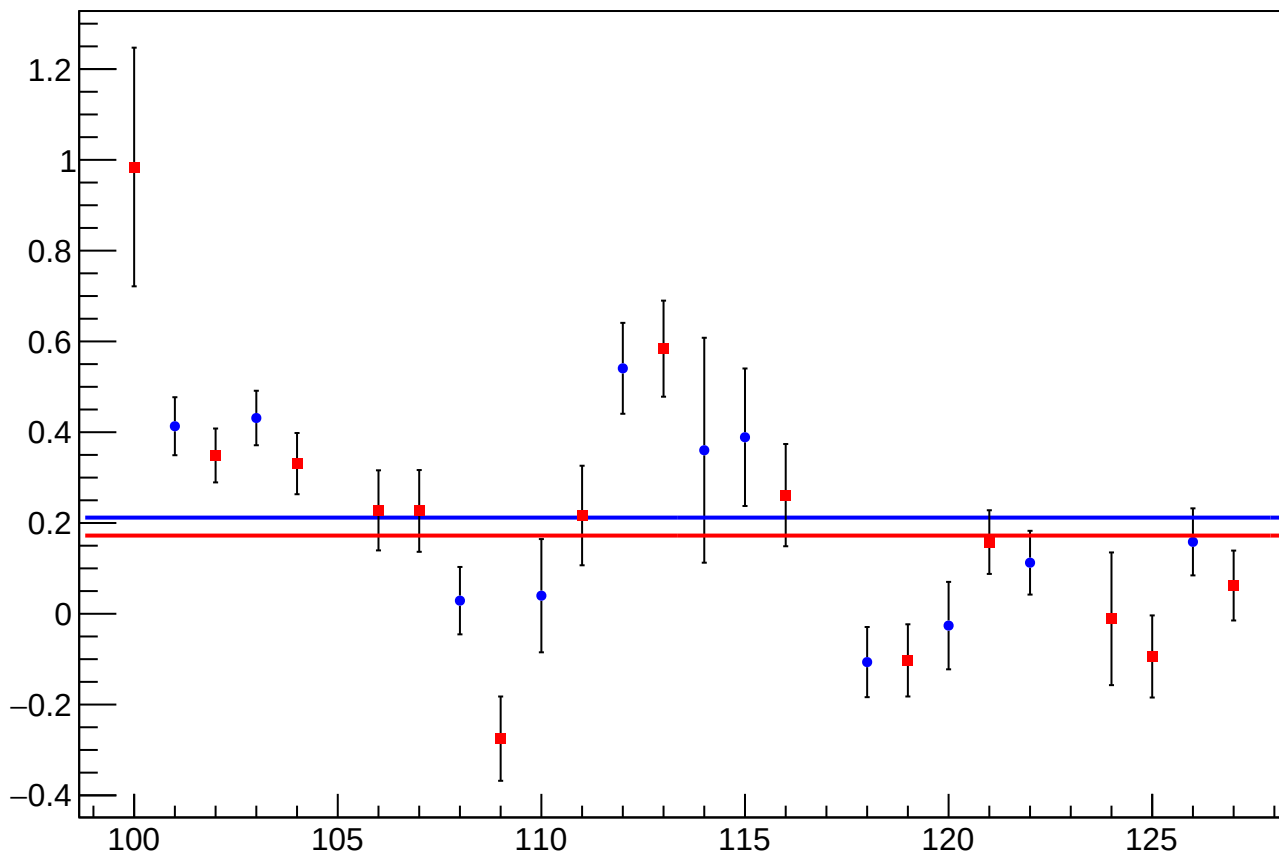
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 55.678 $\pm$ 0.263 χ^2 /NDF: 2222.4/24

- 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: 0.212 $\pm$ 0.025 χ^2 /NDF: 69.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.172 $\pm$ 0.023 χ^2 /NDF: 88.1/13

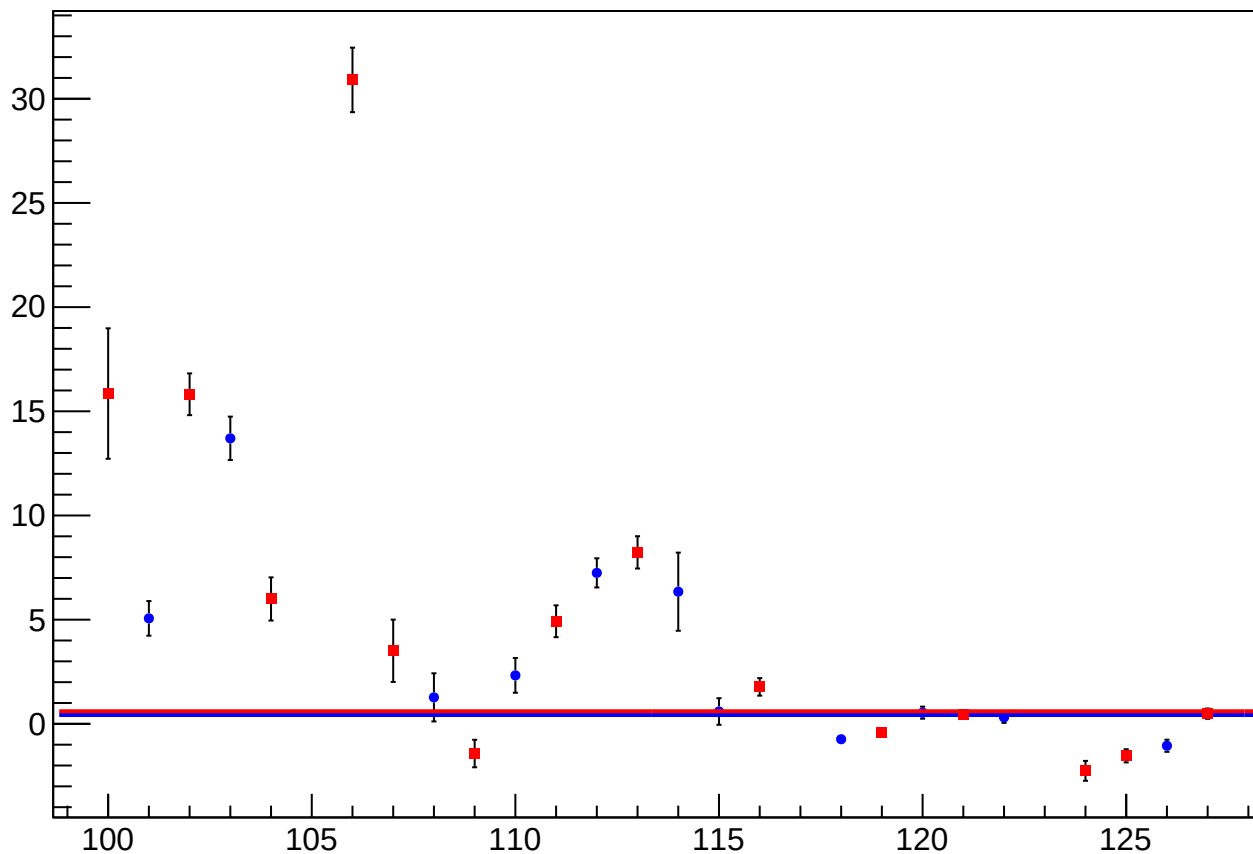
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.191 $\pm$ 0.017 χ^2 /NDF: 158.8/24

- 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: 0.425+/-0.124 χ^2/NDF : 354.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.604+/-0.110 χ^2/NDF : 916.0/13

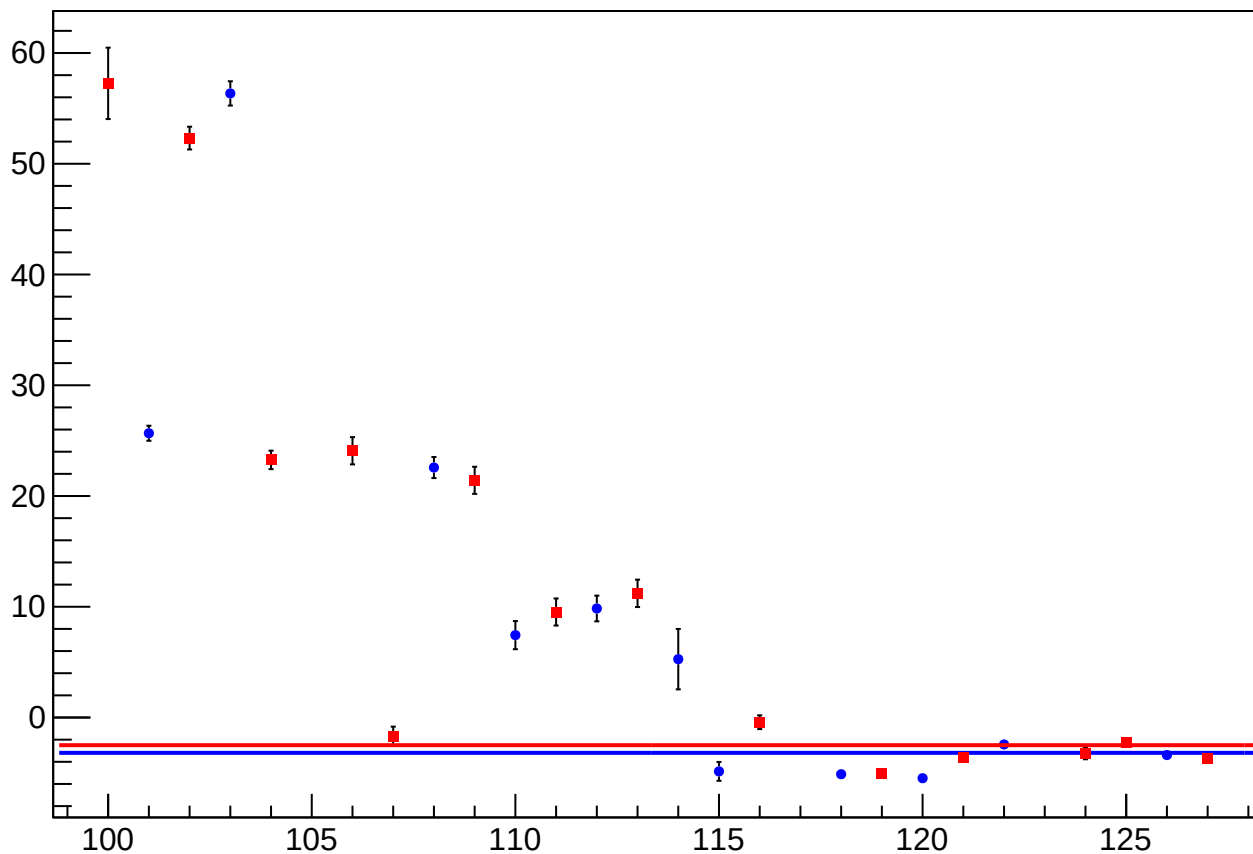
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.525+/-0.082 χ^2/NDF : 1271.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: -3.190+/-0.097 χ^2/NDF : 6031.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.501+/-0.101 χ^2/NDF : 5558.5/13

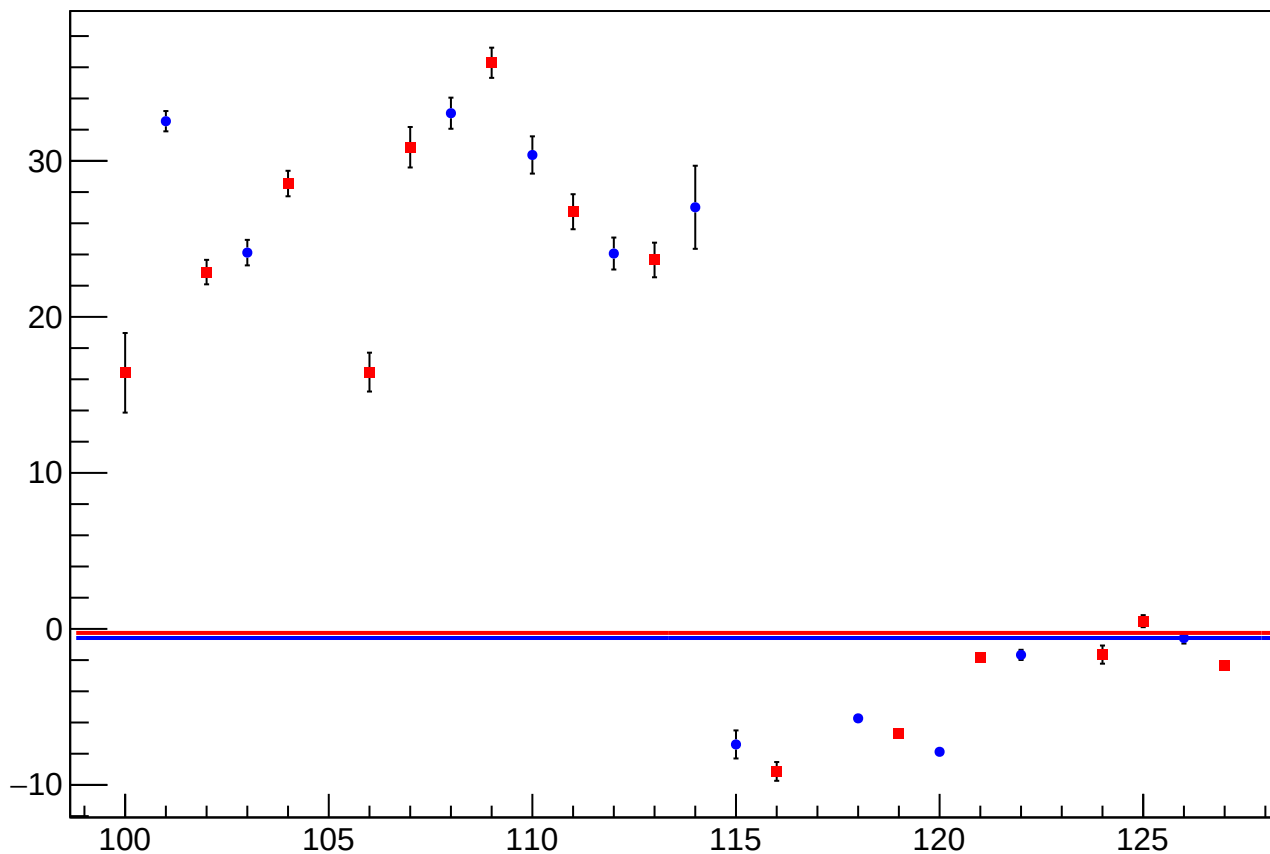
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.860+/-0.070 χ^2/NDF : 11614.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



Right In: -0.583 ± 0.135 χ^2/NDF : 7183.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.257 ± 0.124 χ^2/NDF : 6475.3/13

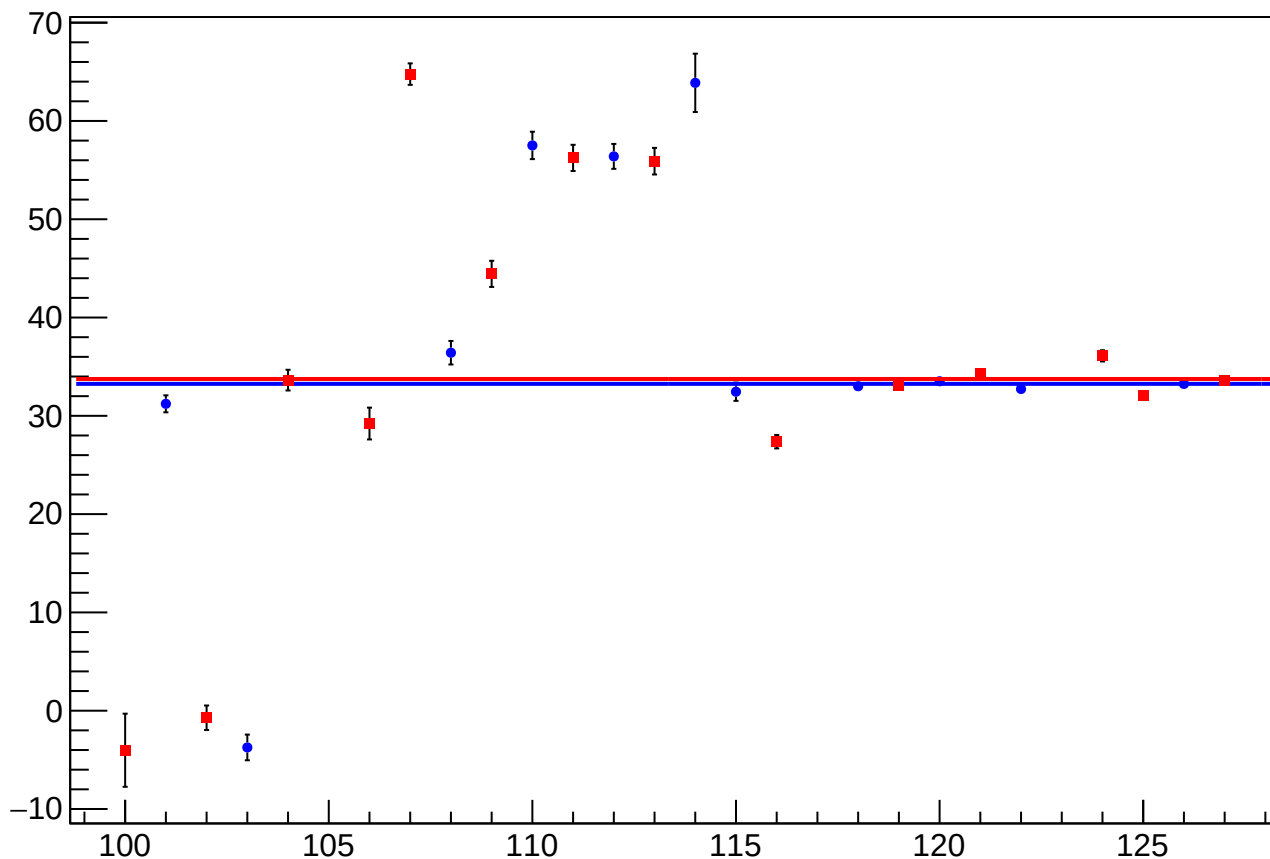
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.407 ± 0.091 χ^2/NDF : 13661.7/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



Right In: 33.254+/-0.120 χ^2 /NDF: 1563.1/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 33.749+/-0.119 χ^2 /NDF: 2441.0/13

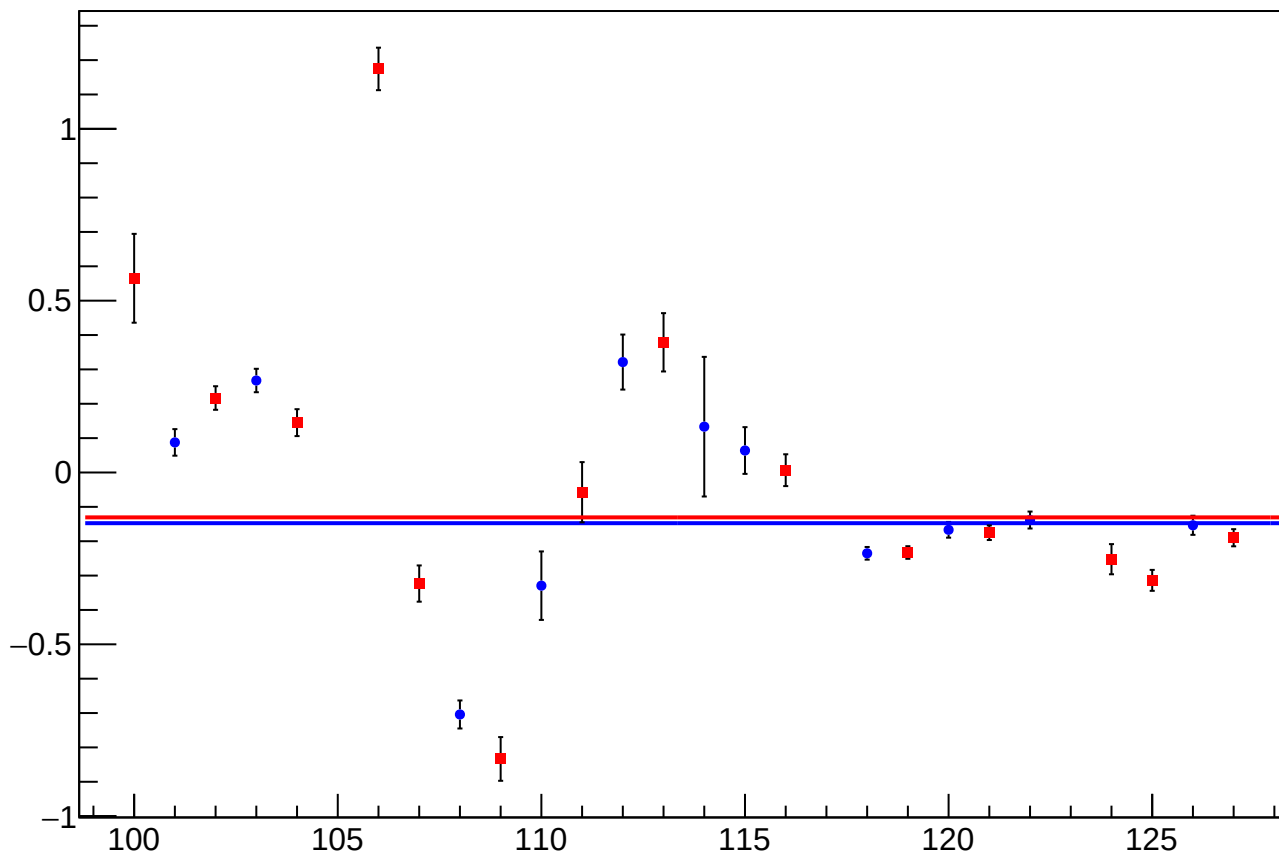
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 33.503+/-0.085 χ^2 /NDF: 4012.7/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.148 $\pm$ 0.010 χ^2 /NDF: 444.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.131 $\pm$ 0.009 χ^2 /NDF: 892.3/13

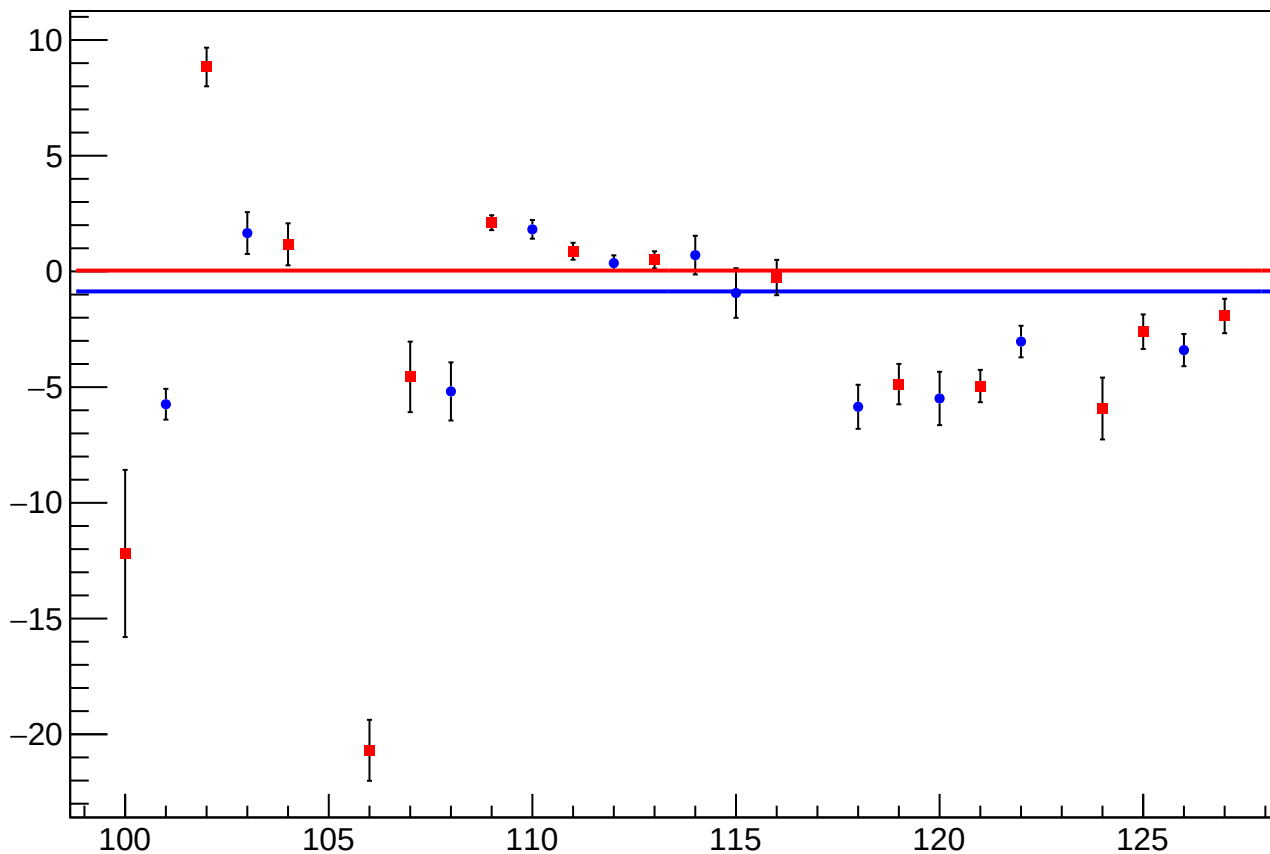
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.139 $\pm$ 0.007 χ^2 /NDF: 1337.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: -0.864 ± 0.191 χ^2/NDF : 201.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.037 ± 0.163 χ^2/NDF : 551.2/13

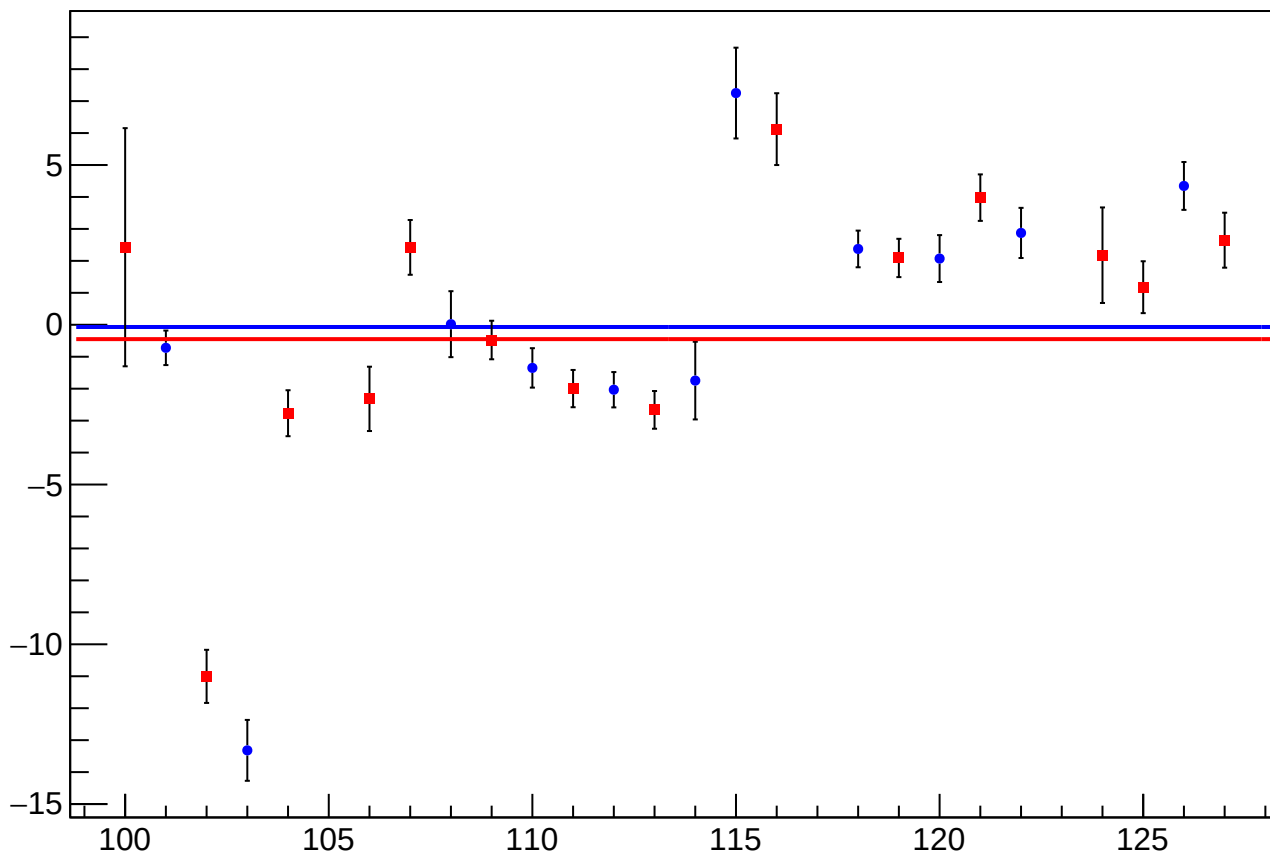
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.345 ± 0.124 χ^2/NDF : 765.4/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: -0.069 ± 0.219 χ^2/NDF : 315.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.449 ± 0.208 χ^2/NDF : 317.2/13

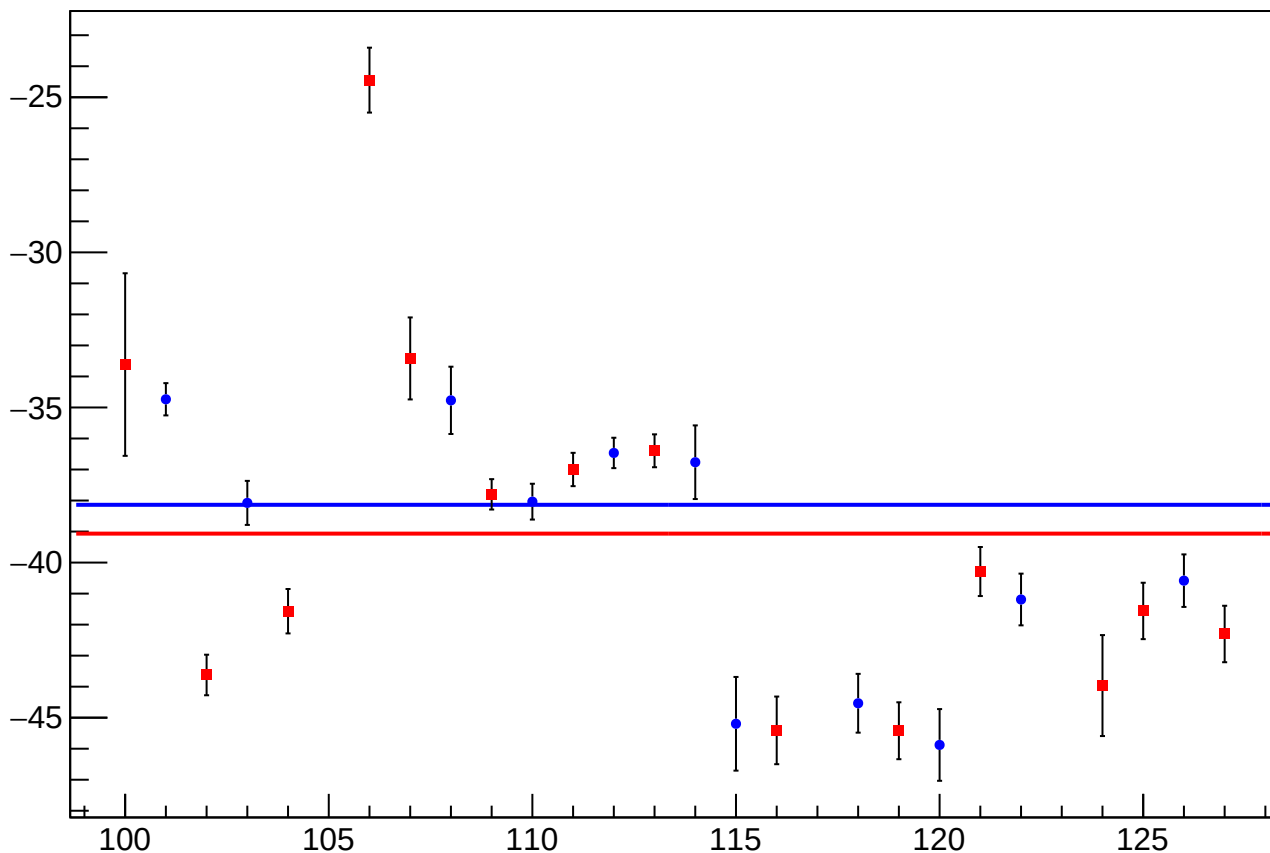
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.269 ± 0.151 χ^2/NDF : 634.5/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -38.138 $\pm$ 0.226 χ^2 /NDF: 199.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -39.067 $\pm$ 0.206 χ^2 /NDF: 437.9/13

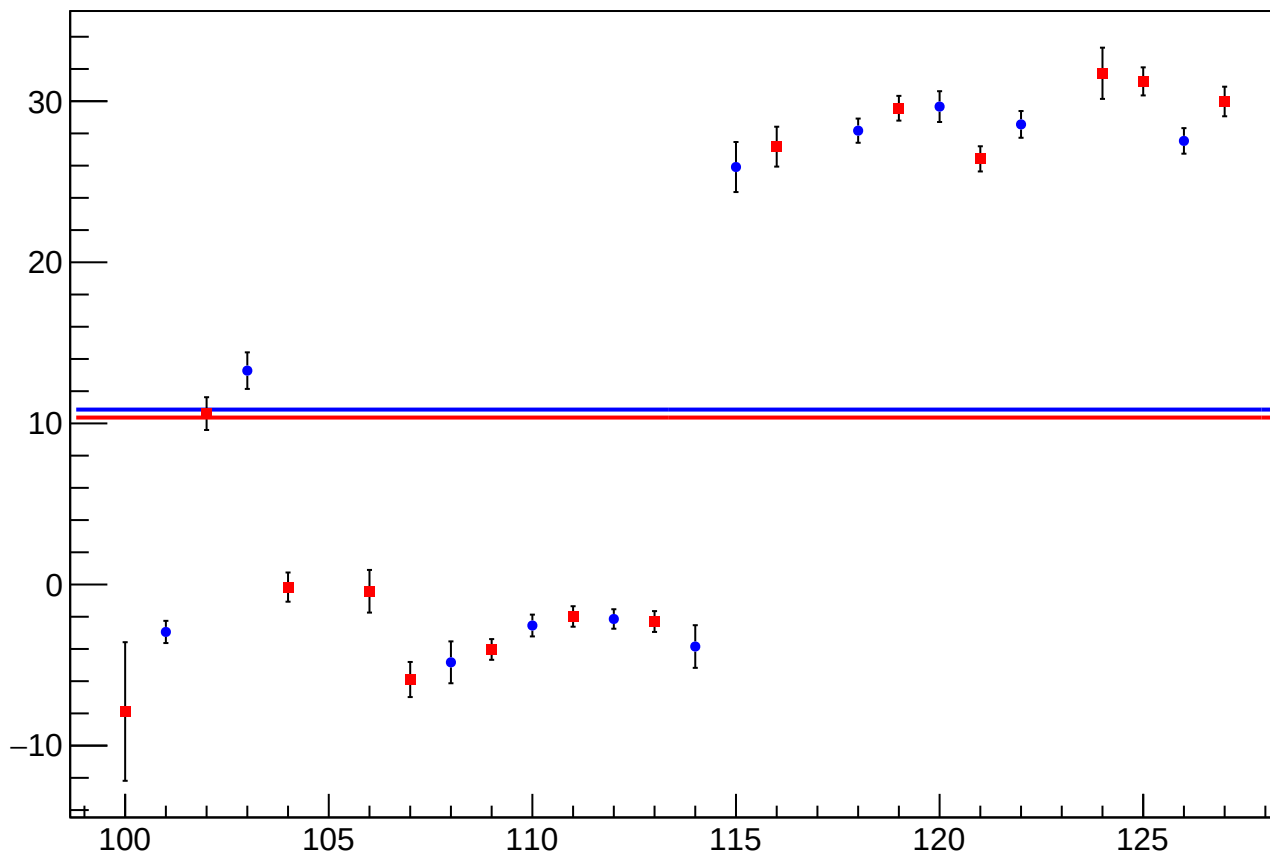
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -38.645 $\pm$ 0.152 χ^2 /NDF: 646.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 10.859+/-0.256 χ^2 /NDF: 3439.6/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 10.364+/-0.237 χ^2 /NDF: 4143.5/13

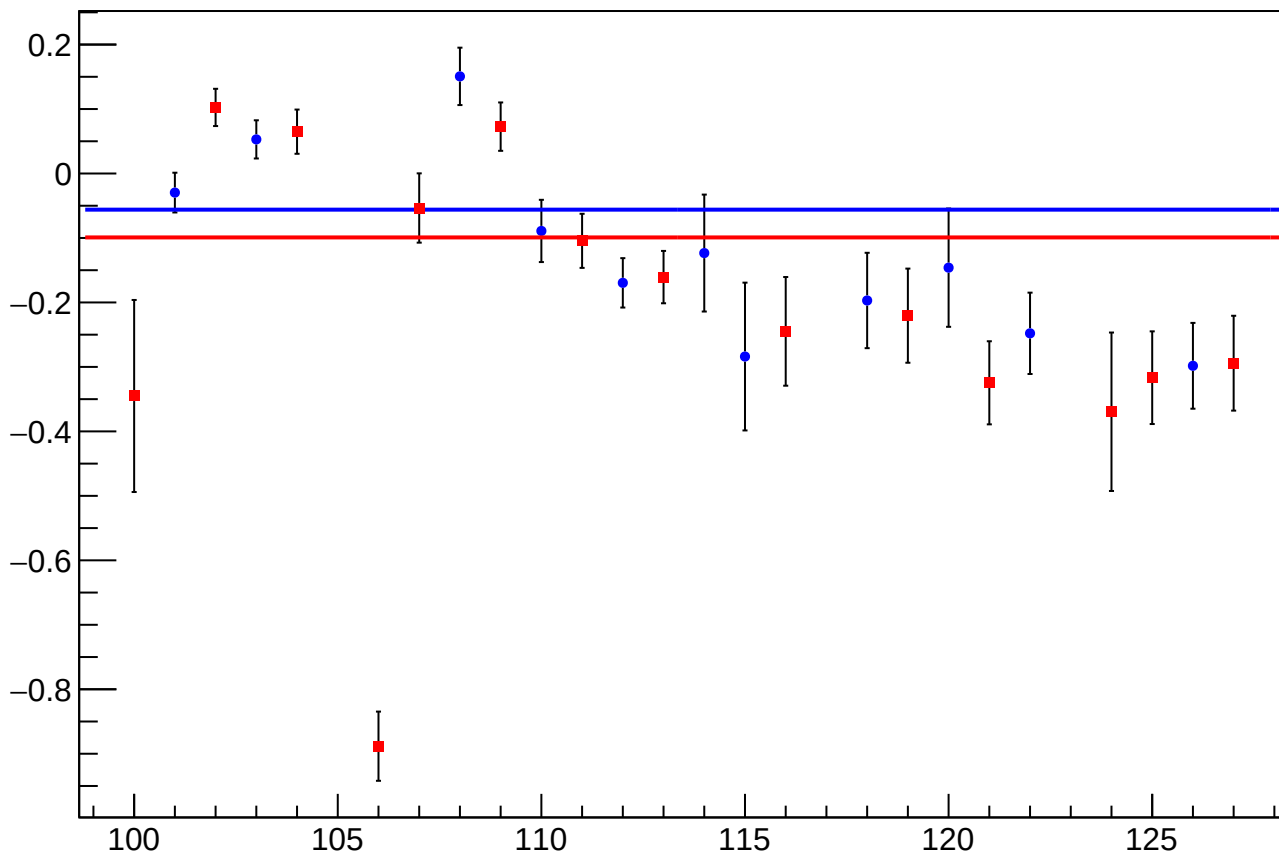
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 10.592+/-0.174 χ^2 /NDF: 7585.1/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.056 $\pm$ 0.014 χ^2 /NDF: 76.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.099 $\pm$ 0.013 χ^2 /NDF: 353.5/13

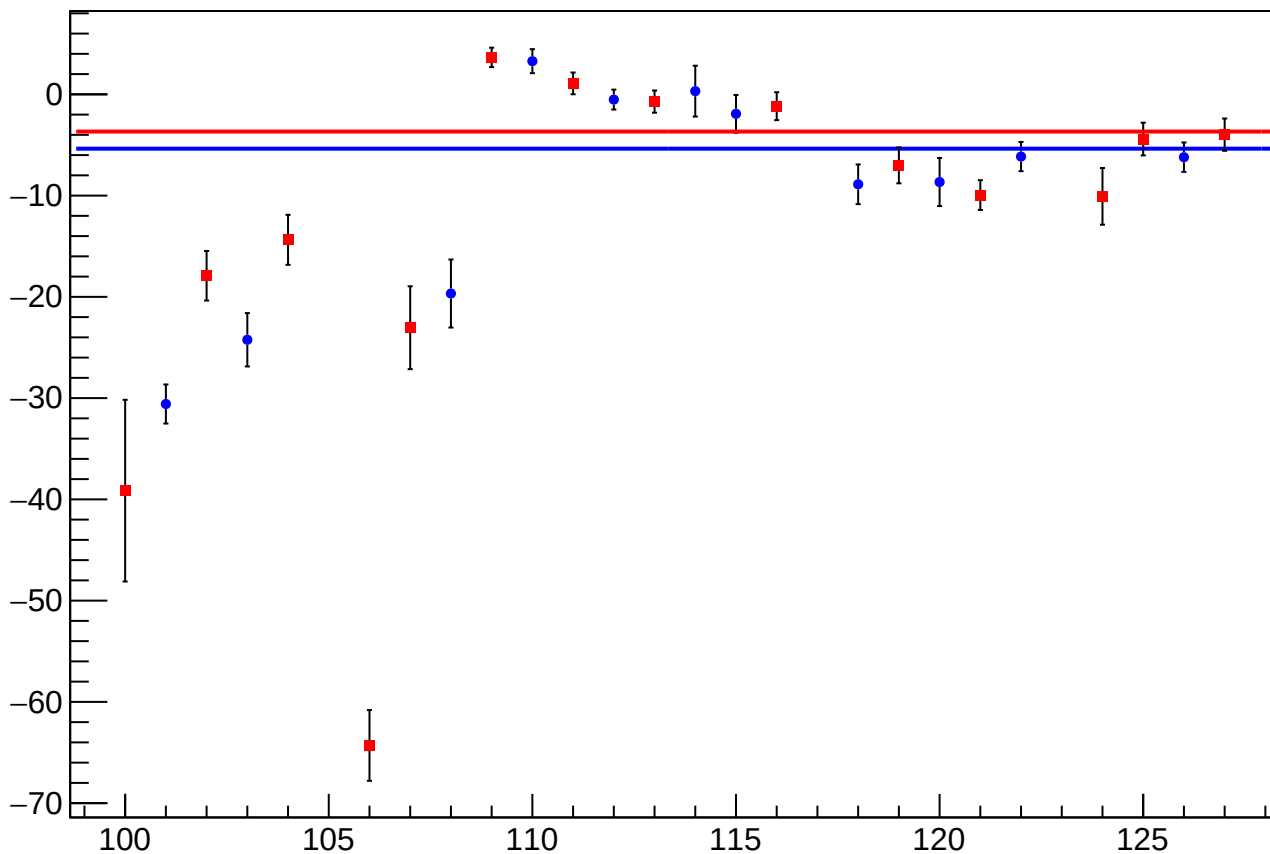
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.079 $\pm$ 0.010 χ^2 /NDF: 435.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



Right In: -5.366+/-0.495 χ^2/NDF : 331.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.676+/-0.427 χ^2/NDF : 507.6/13

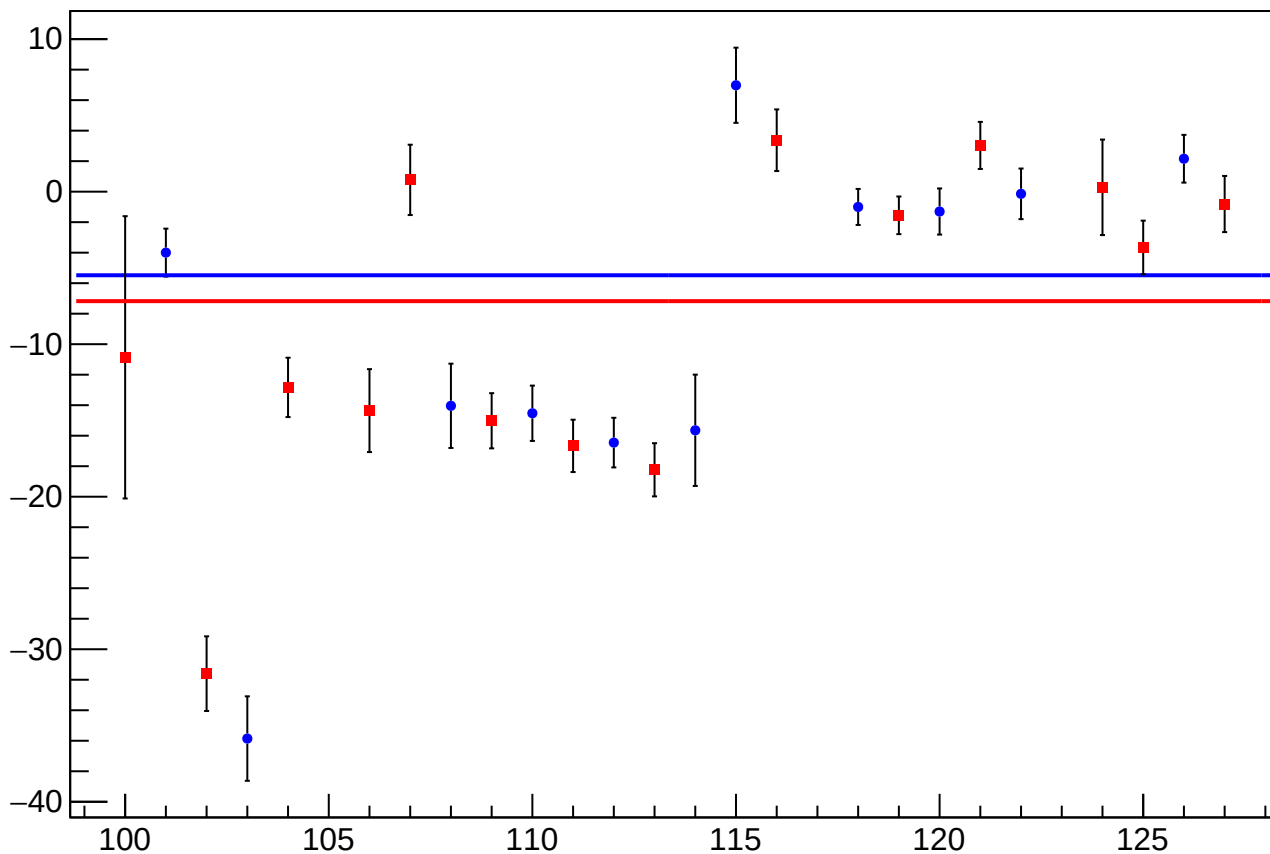
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.397+/-0.323 χ^2/NDF : 846.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -5.481 $\pm$ 0.533 χ^2 /NDF: 290.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -7.178 $\pm$ 0.514 χ^2 /NDF: 330.2/13

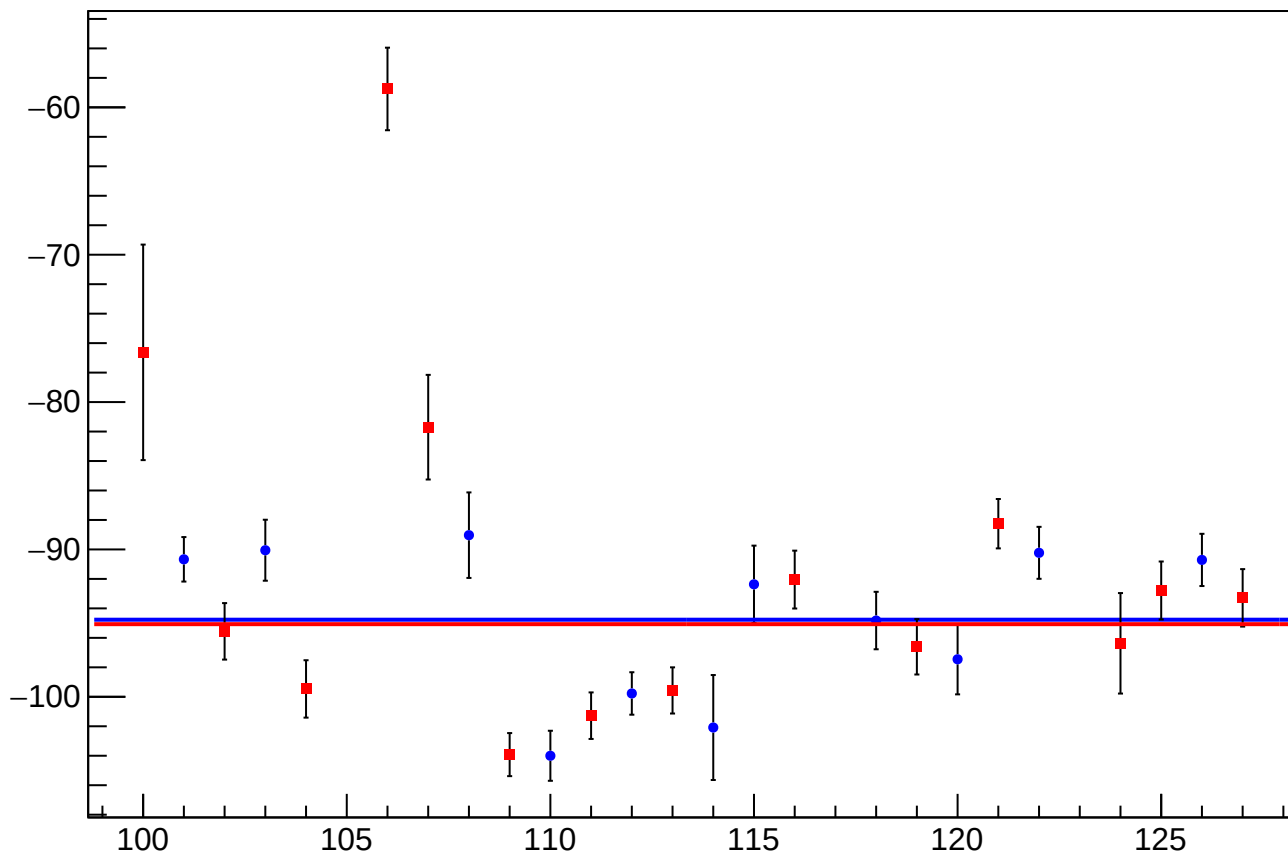
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -6.361 $\pm$ 0.370 χ^2 /NDF: 626.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -94.768 $\pm$ 0.585 χ^2 /NDF: 76.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -95.071 $\pm$ 0.531 χ^2 /NDF: 276.1/13

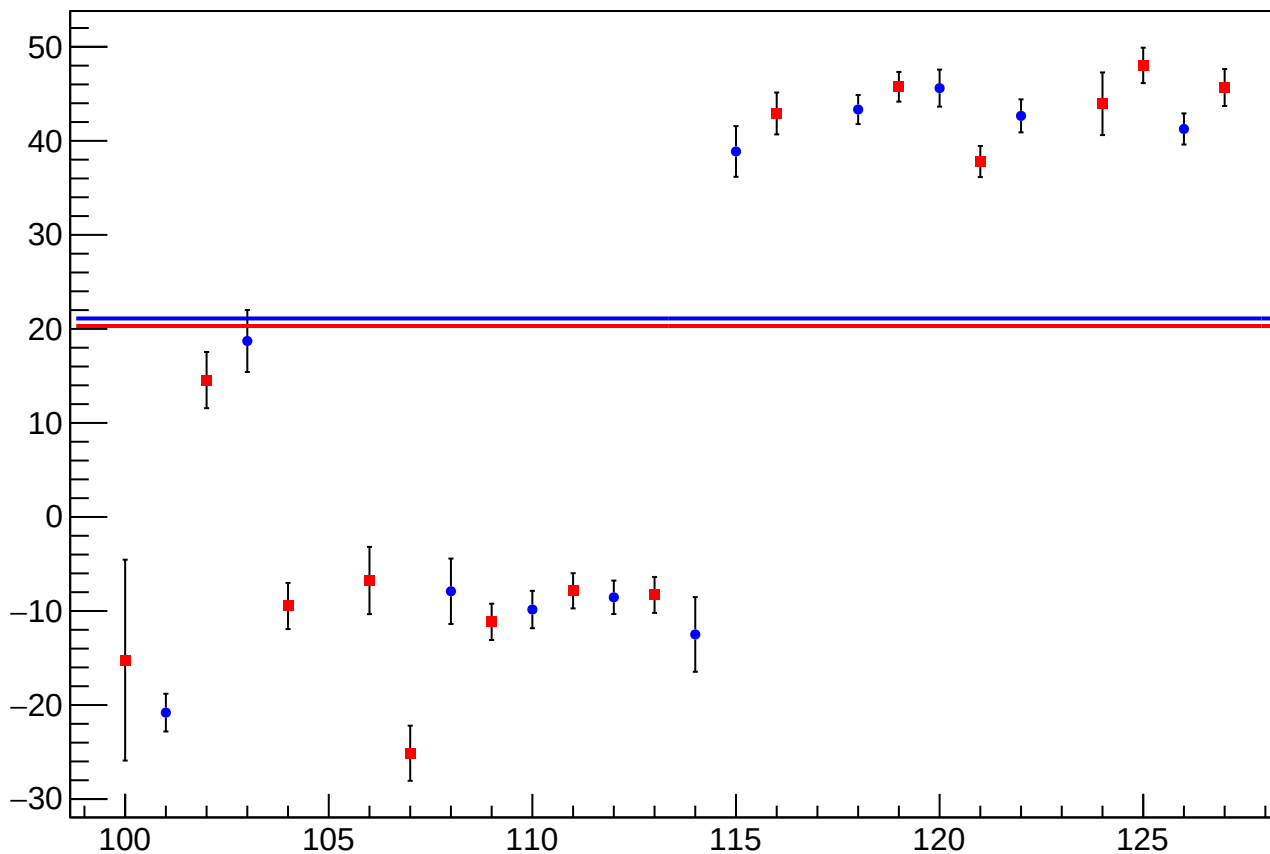
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -94.934 $\pm$ 0.393 χ^2 /NDF: 352.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 21.109+/-0.625 χ^2/NDF : 1802.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.311+/-0.587 χ^2/NDF : 2082.9/13

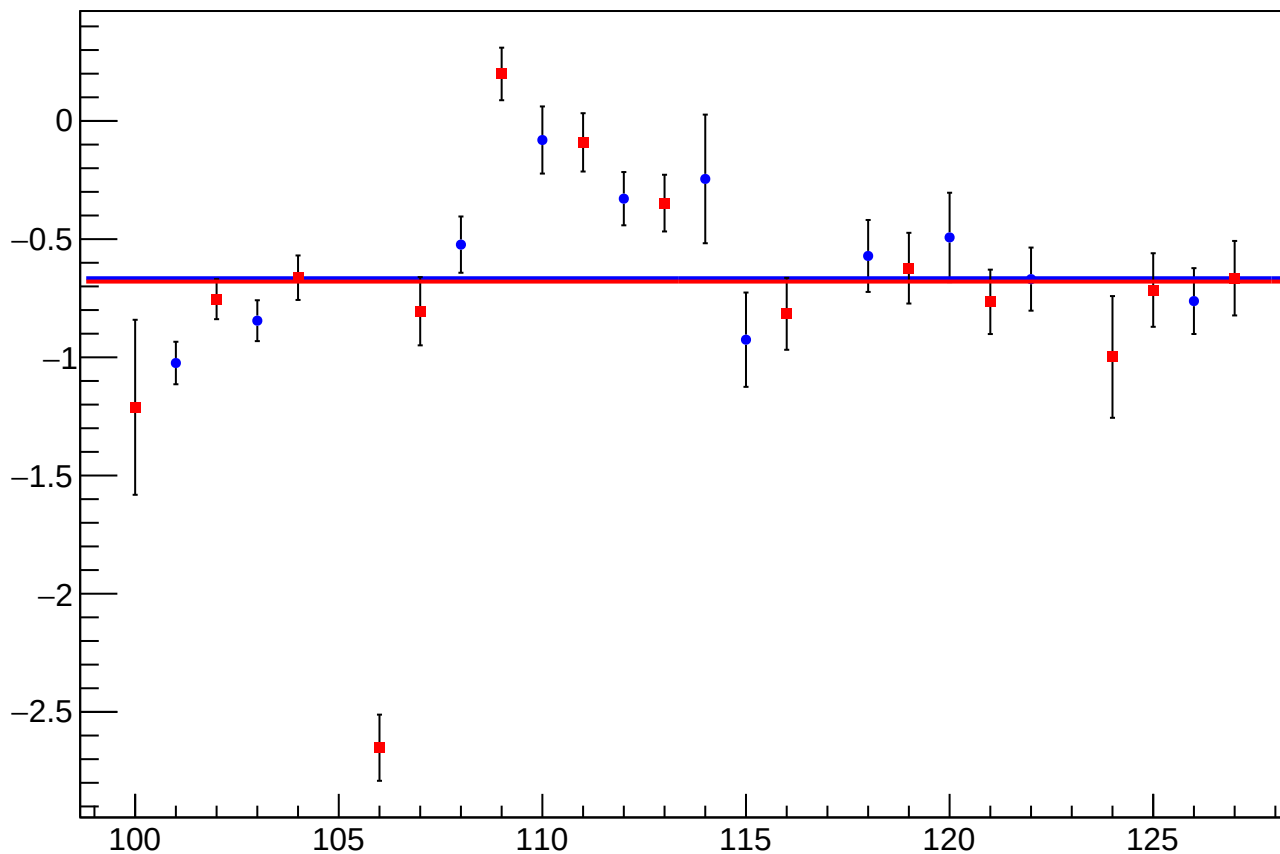
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.684+/-0.428 χ^2/NDF : 3886.5/24

- 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 ± 0.039 χ^2/NDF : 53.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.680 ± 0.035 χ^2/NDF : 298.0/13

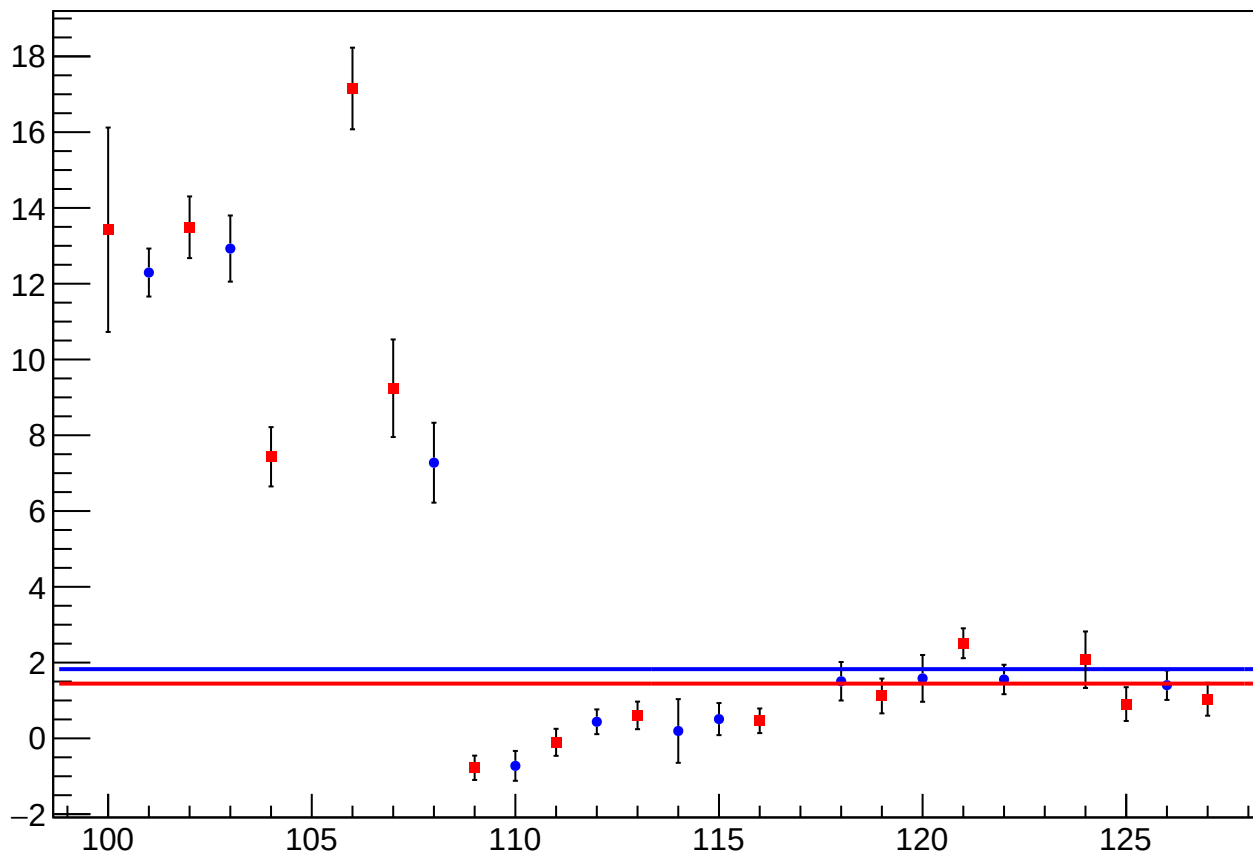
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.673 ± 0.026 χ^2/NDF : 351.4/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



Right In: 1.827 $\pm$ 0.146 χ^2 /NDF: 537.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.445 $\pm$ 0.126 χ^2 /NDF: 638.7/13

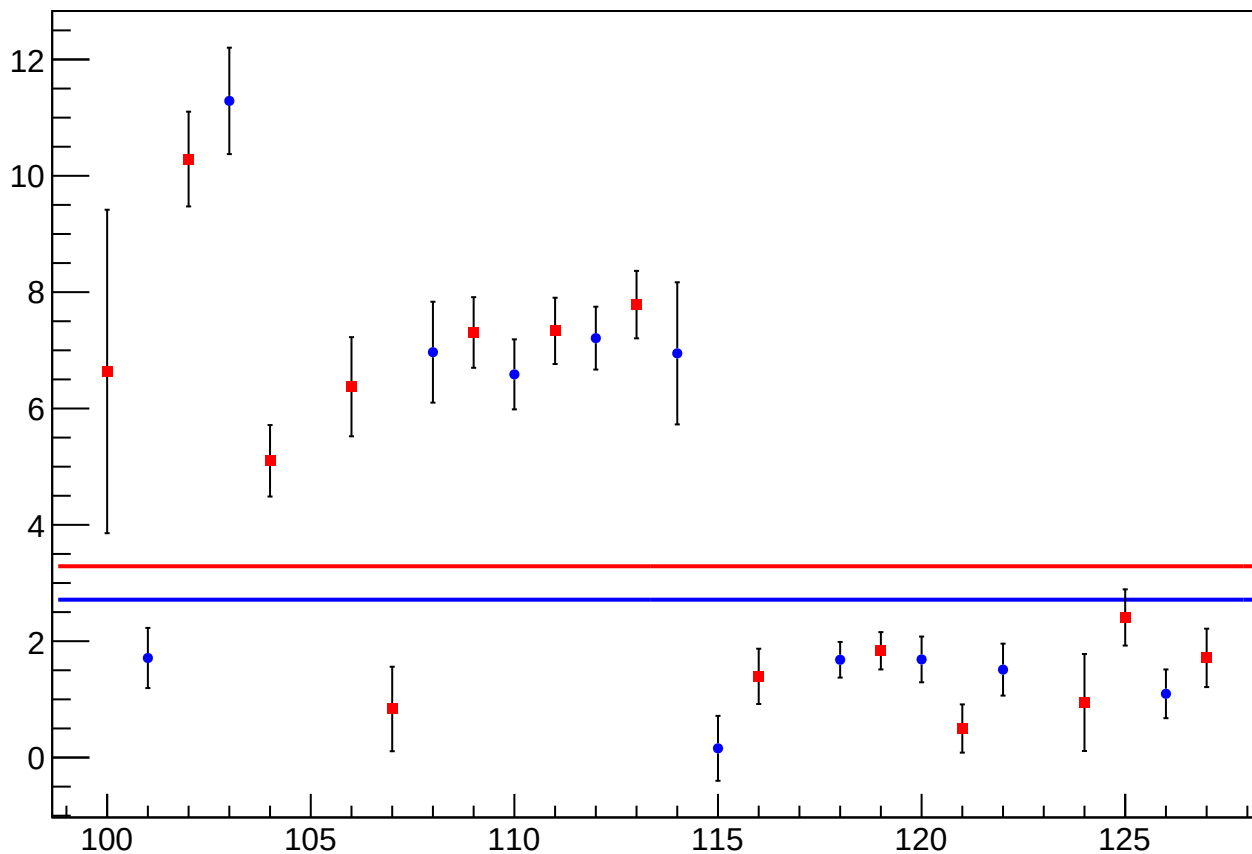
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.609 $\pm$ 0.095 χ^2 /NDF: 1179.9/24

- 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: 2.713+/-0.150 χ^2/NDF : 299.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.288+/-0.147 χ^2/NDF : 365.7/13

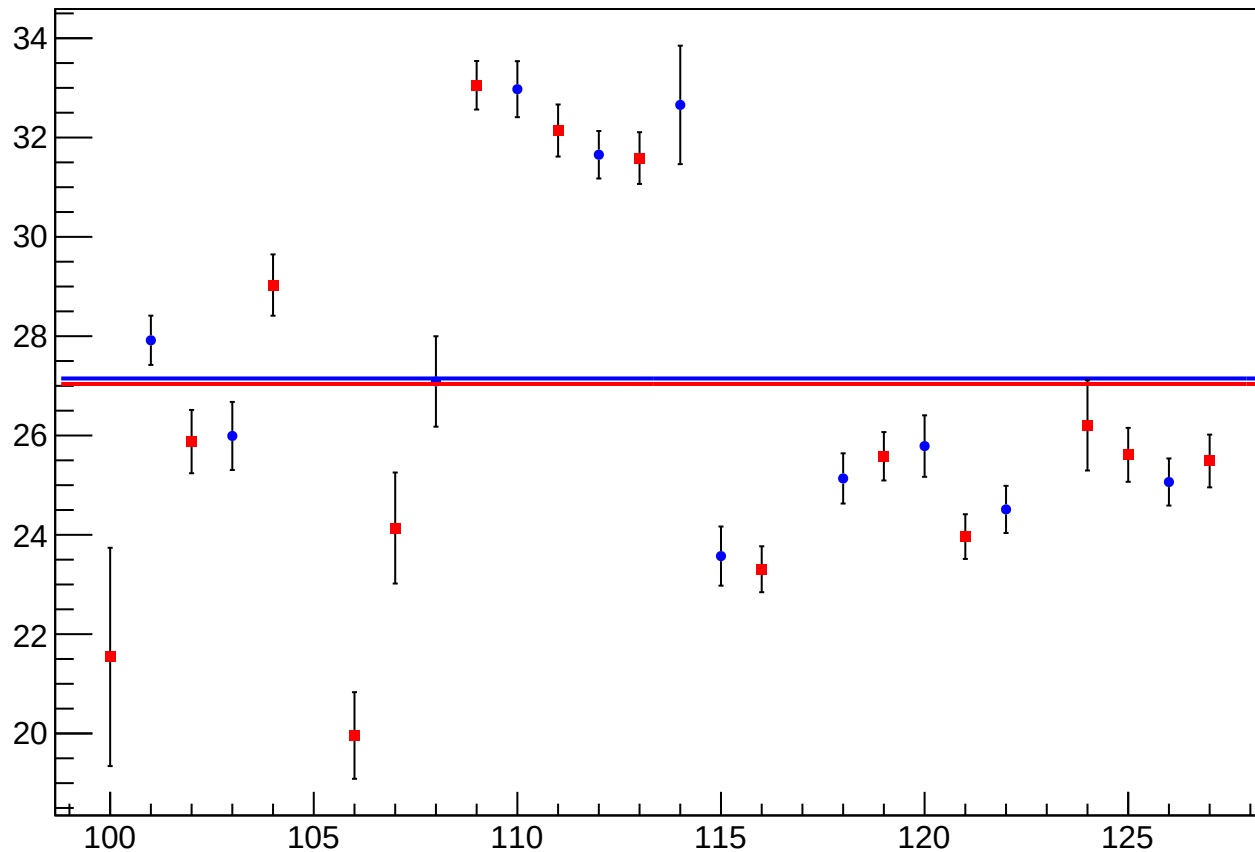
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.007+/-0.105 χ^2/NDF : 672.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 27.149 $\pm$ 0.172 χ^2 /NDF: 329.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.038 $\pm$ 0.156 χ^2 /NDF: 551.9/13

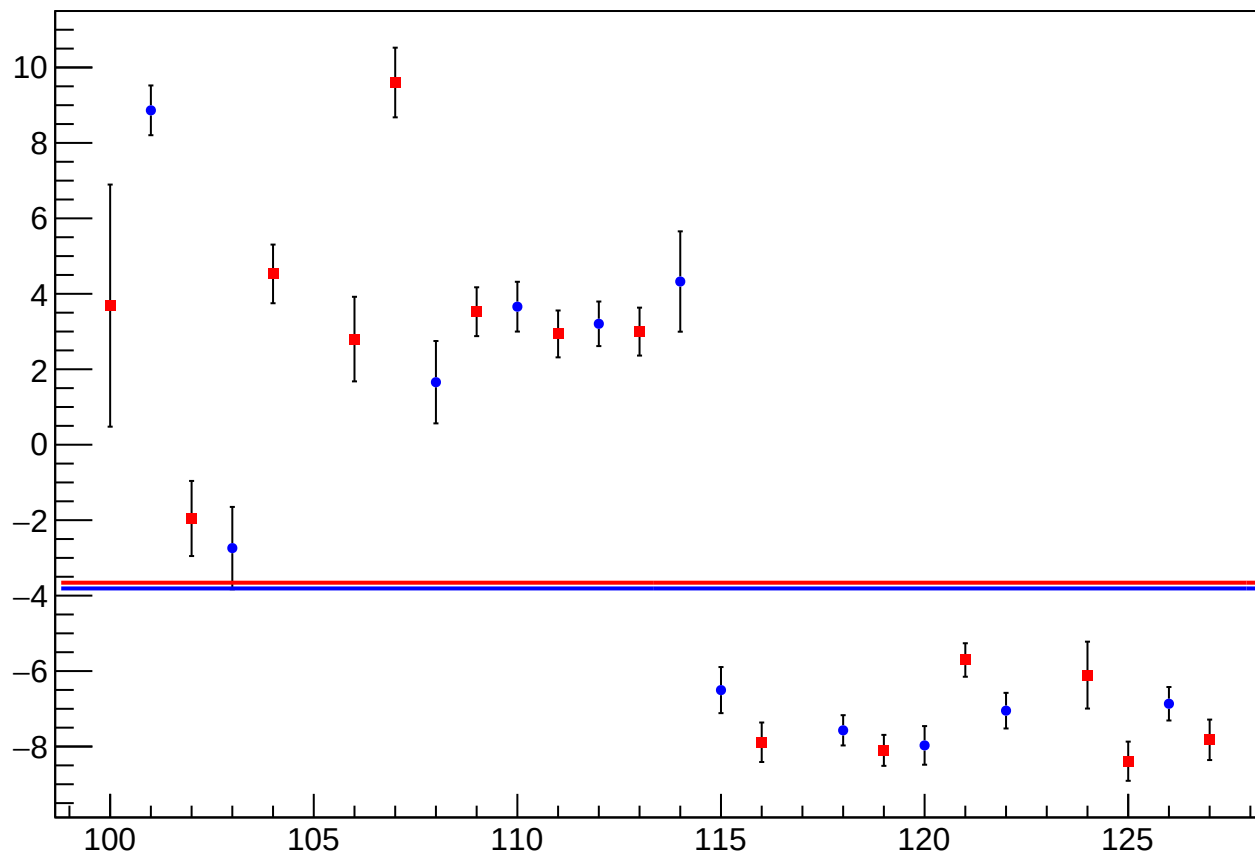
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.088 $\pm$ 0.116 χ^2 /NDF: 881.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: -3.810+/-0.177 χ^2 /NDF: 970.0/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -3.657+/-0.168 χ^2 /NDF: 1058.8/13

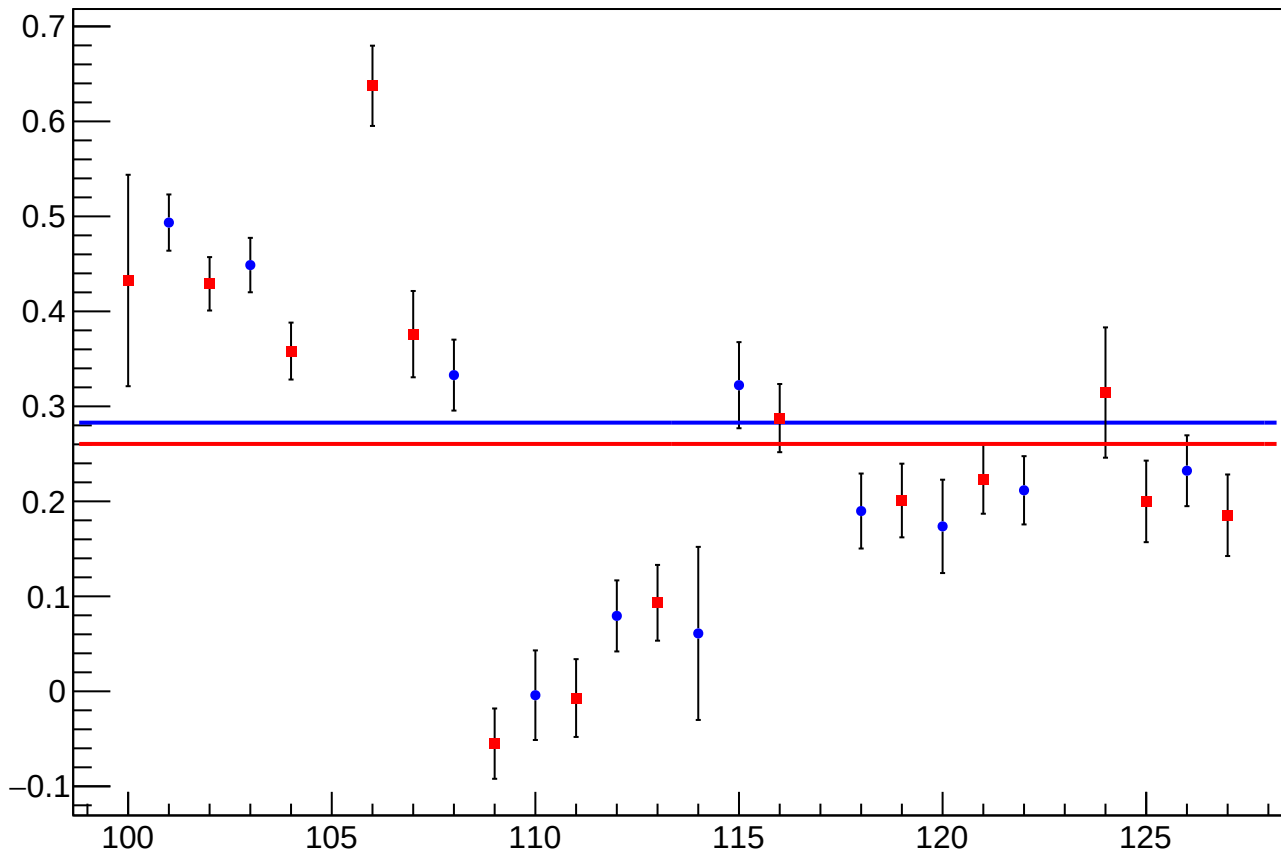
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -3.730+/-0.122 χ^2 /NDF: 2029.1/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.283 $\pm$ 0.012 χ^2 /NDF: 175.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.260 $\pm$ 0.011 χ^2 /NDF: 277.6/13

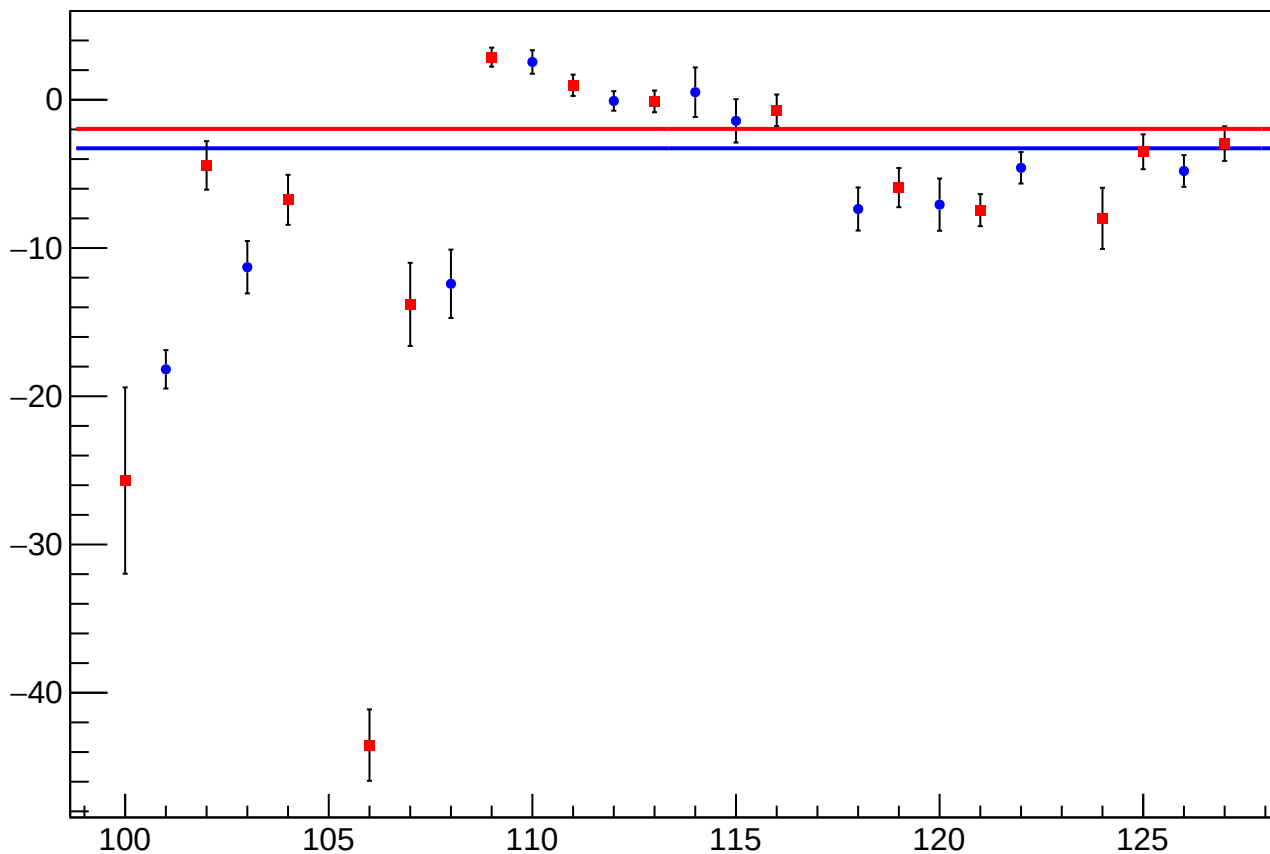
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.271 $\pm$ 0.008 χ^2 /NDF: 455.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



Right In: -3.274+/-0.345 χ^2 /NDF: 268.7/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1.961+/-0.298 χ^2 /NDF: 467.7/13

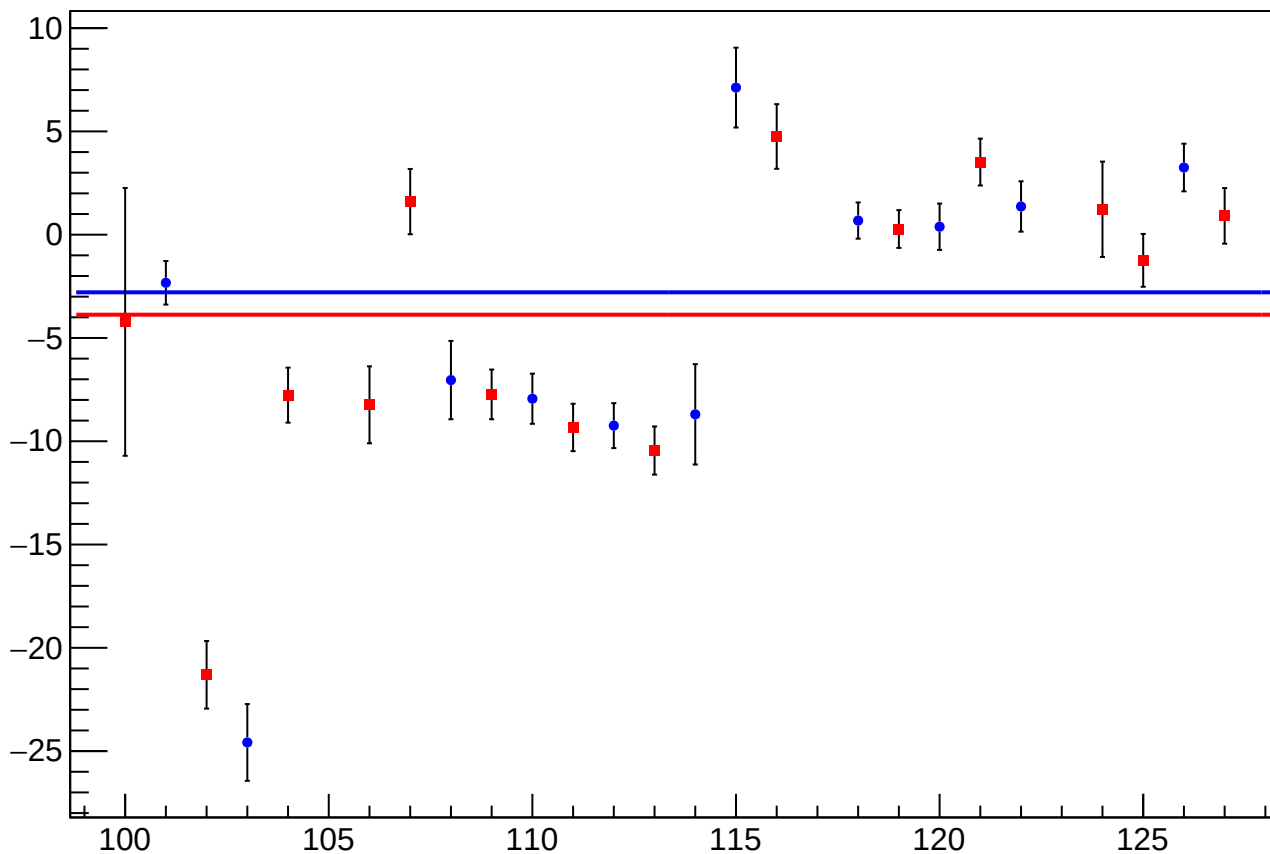
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -2.520+/-0.225 χ^2 /NDF: 744.6/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -2.790+/-0.379 χ^2 /NDF: 291.0/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -3.874+/-0.364 χ^2 /NDF: 319.6/13

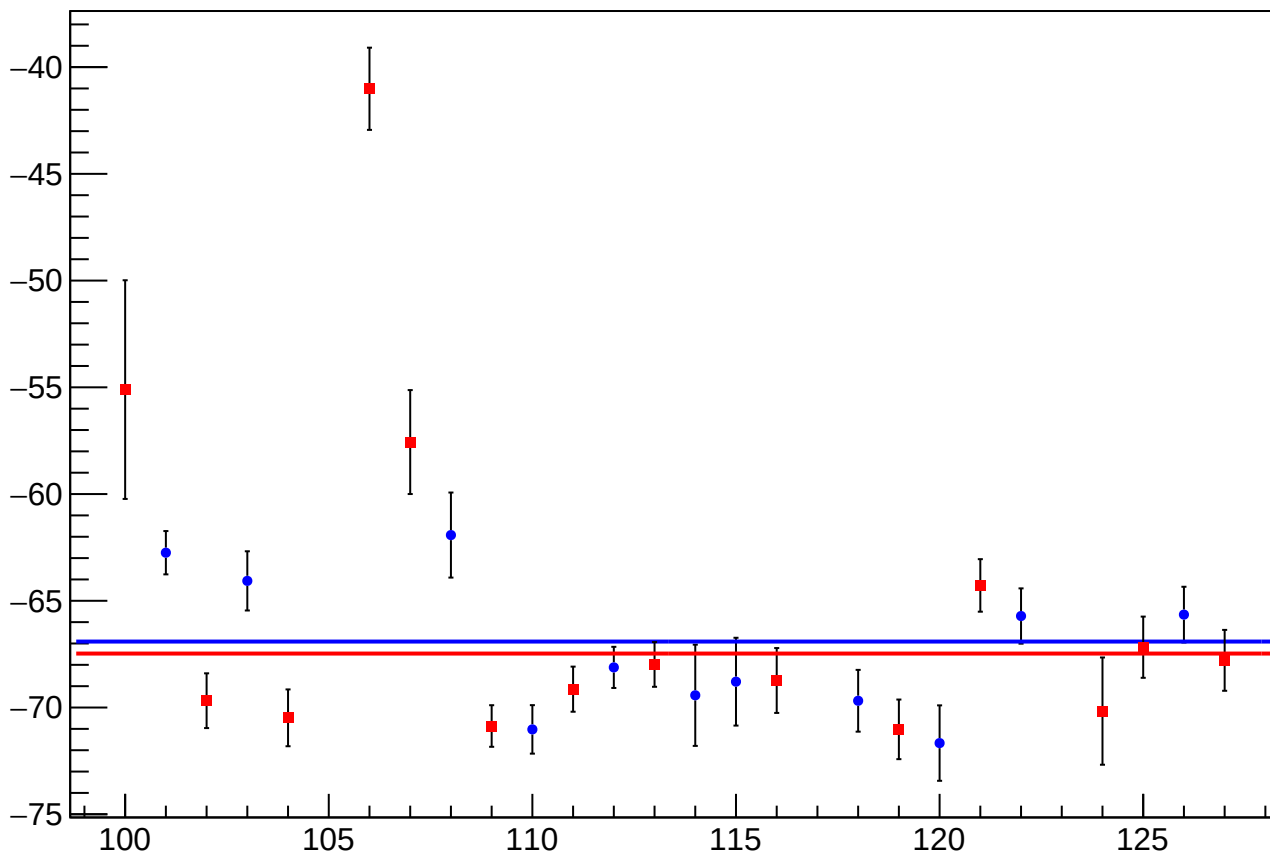
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -3.355+/-0.262 χ^2 /NDF: 614.9/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -66.910 $\pm$ 0.409 χ^2 /NDF: 56.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -67.472 $\pm$ 0.371 χ^2 /NDF: 249.2/13

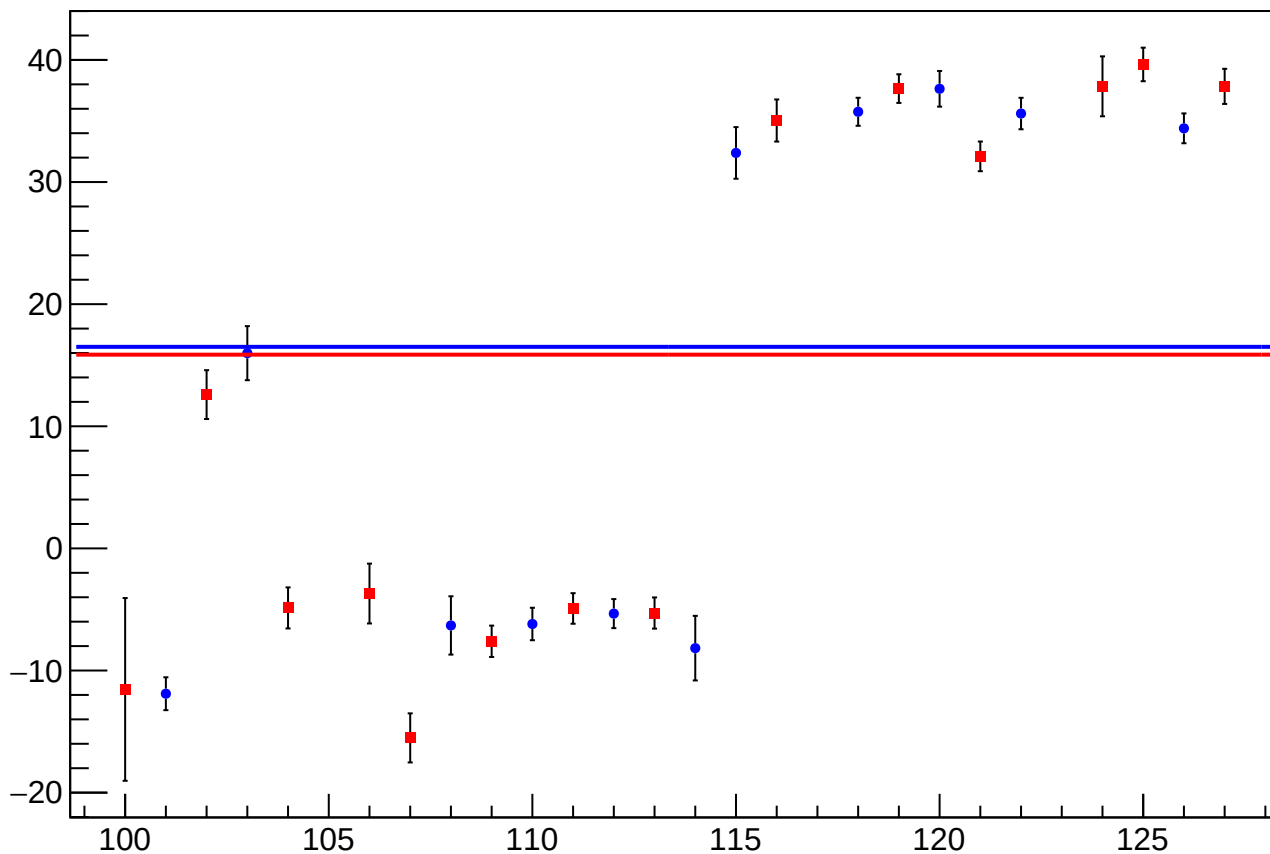
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -67.218 $\pm$ 0.275 χ^2 /NDF: 306.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 16.505+/-0.444 χ^2/NDF : 2233.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.864+/-0.415 χ^2/NDF : 2620.9/13

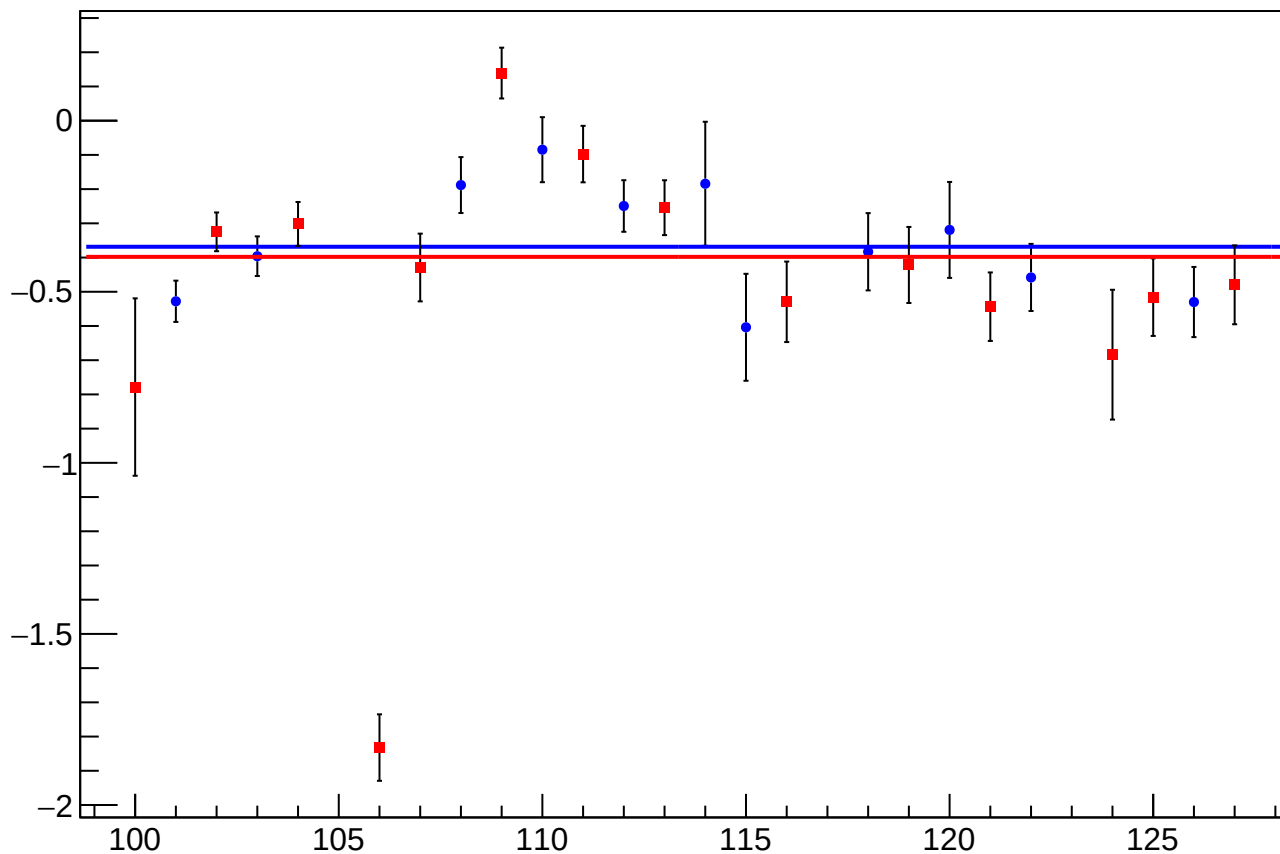
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.163+/-0.303 χ^2/NDF : 4855.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.368 ± 0.027 χ^2/NDF : 30.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.398 ± 0.024 χ^2/NDF : 300.3/13

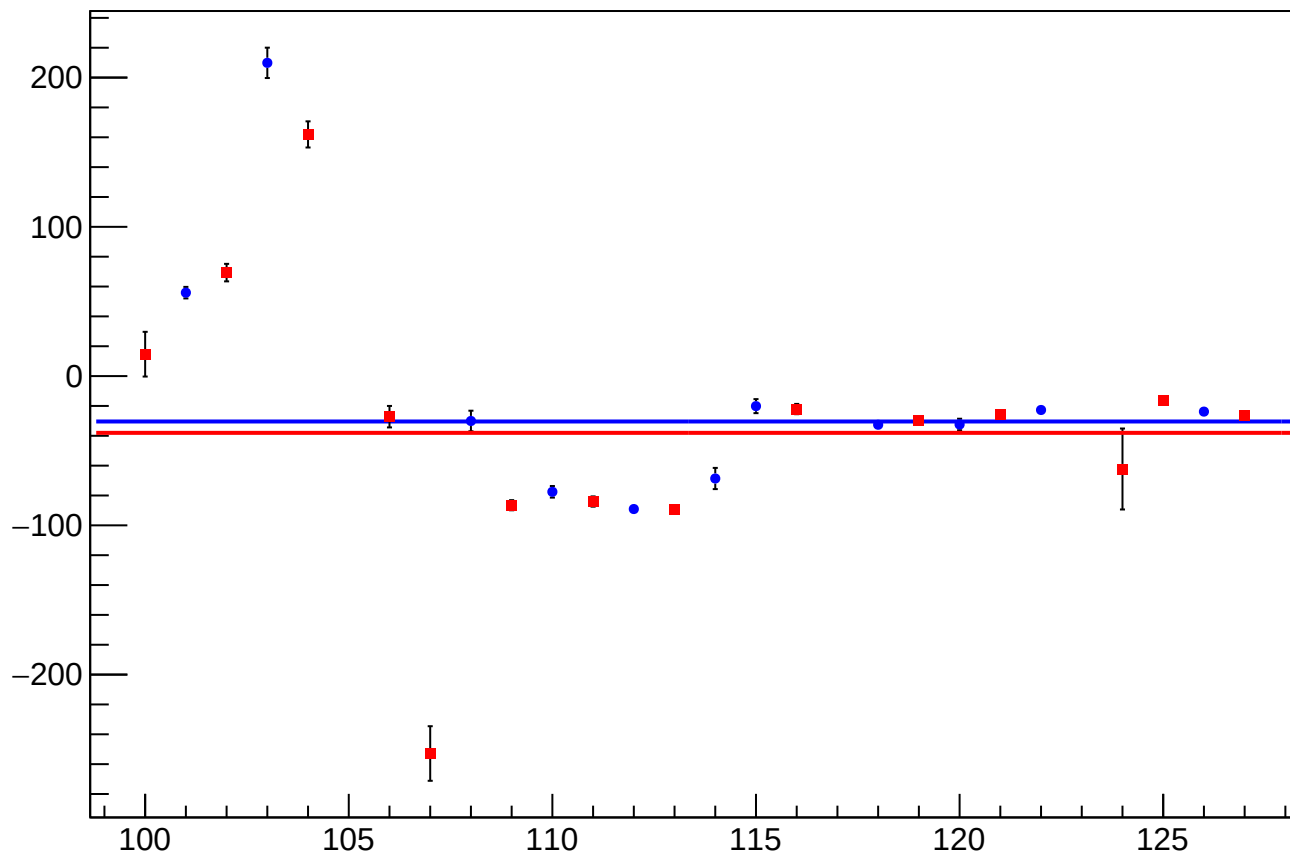
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.385 ± 0.018 χ^2/NDF : 331.2/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_diff_bpm1X_slope vs Slug



Right In: -30.413 ± 1.184 χ^2/NDF : 1600.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -38.031 ± 1.074 χ^2/NDF : 1736.3/13

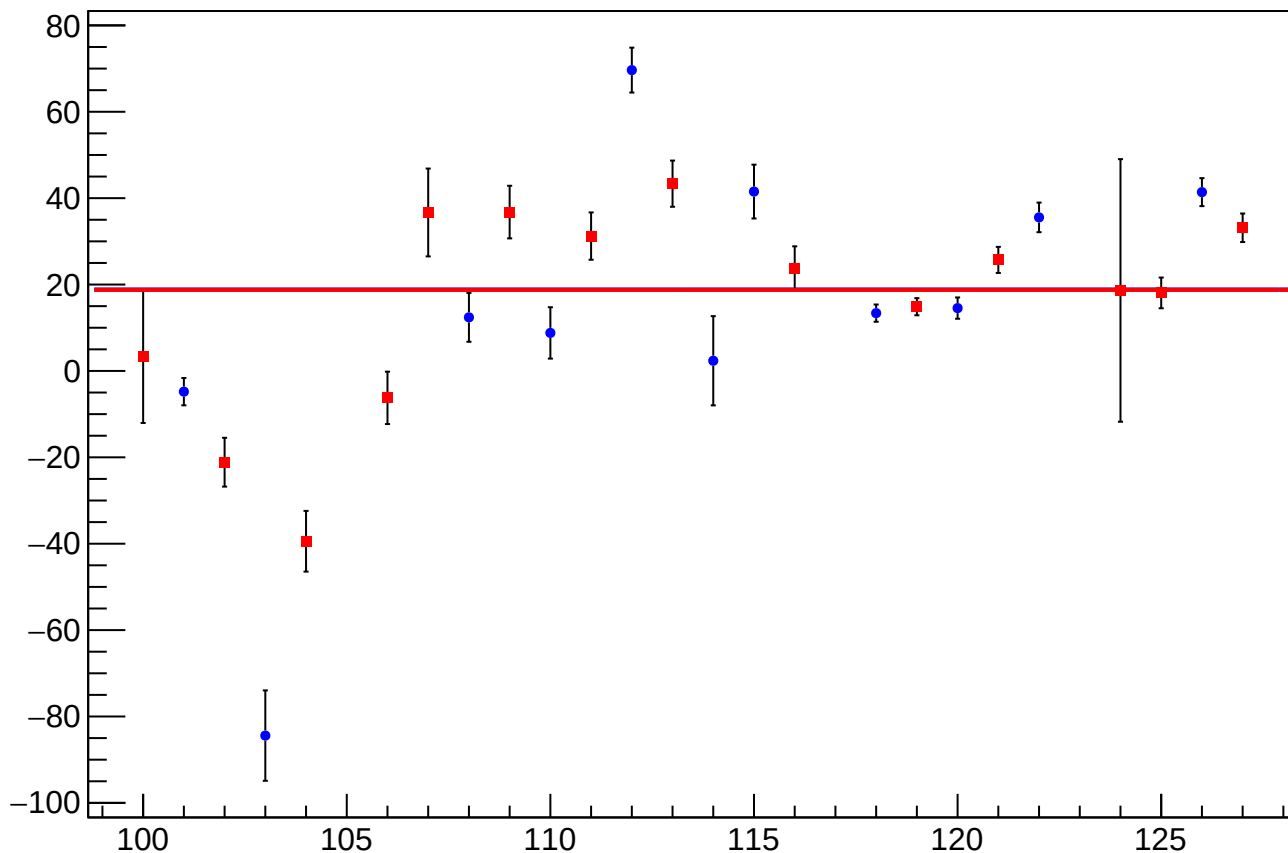
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -34.595 ± 0.796 χ^2/NDF : 3359.5/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 18.862 $\pm$ 1.093 χ^2 /NDF: 351.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 18.754 $\pm$ 1.145 χ^2 /NDF: 203.7/13

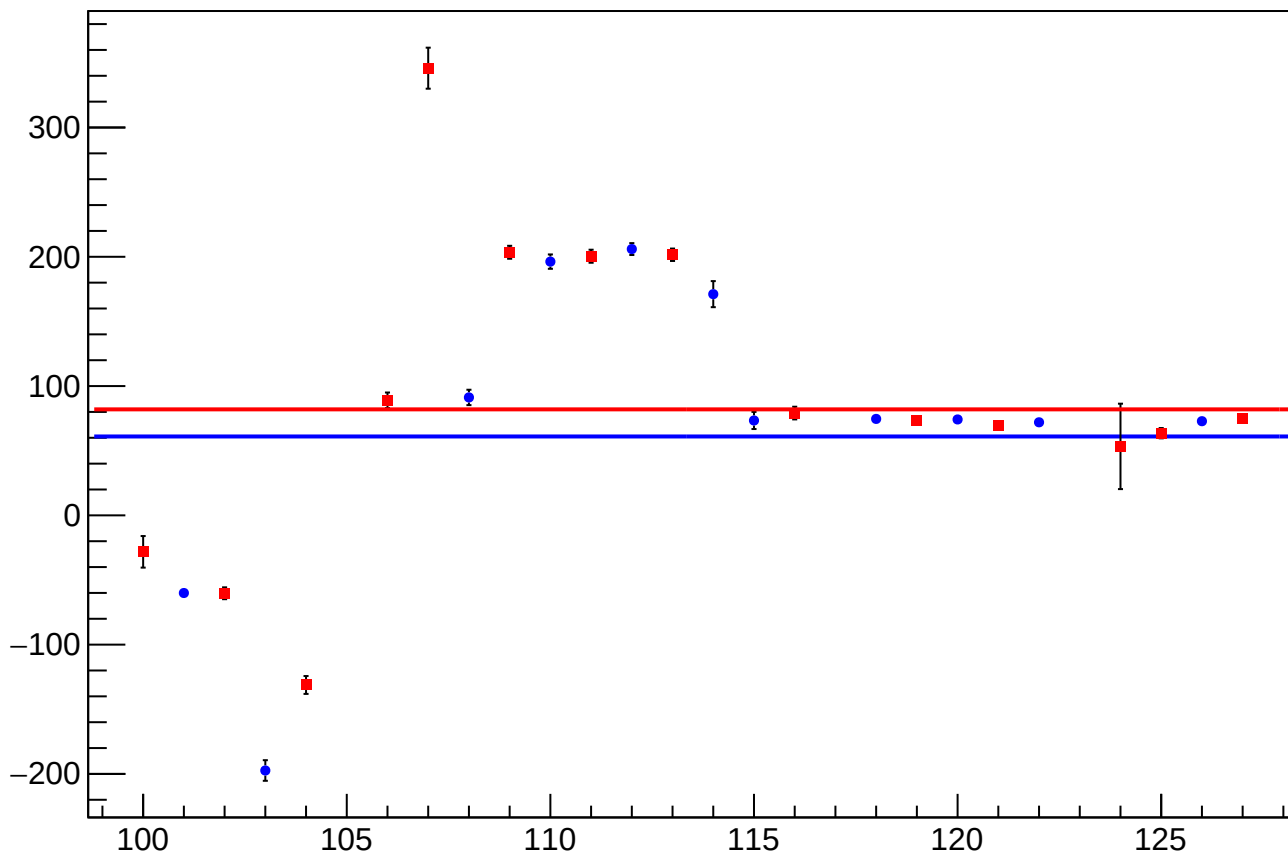
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.810 $\pm$ 0.790 χ^2 /NDF: 555.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 61.014+/-1.319 χ^2/NDF : 4438.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.984+/-1.268 χ^2/NDF : 4085.0/13

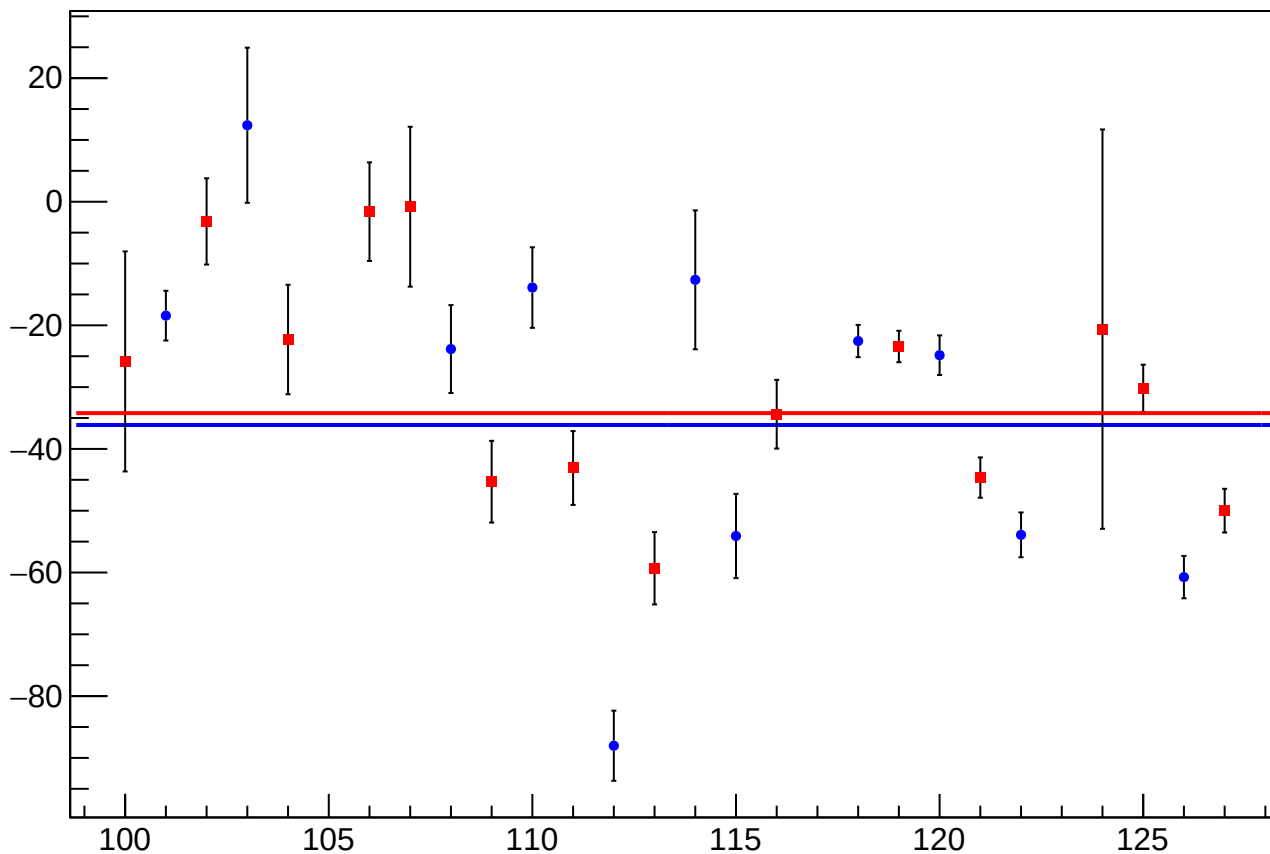
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.913+/-0.914 χ^2/NDF : 8655.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -36.128 ± 1.316 χ^2/NDF : 259.1/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -34.207 ± 1.326 χ^2/NDF : 118.0/13

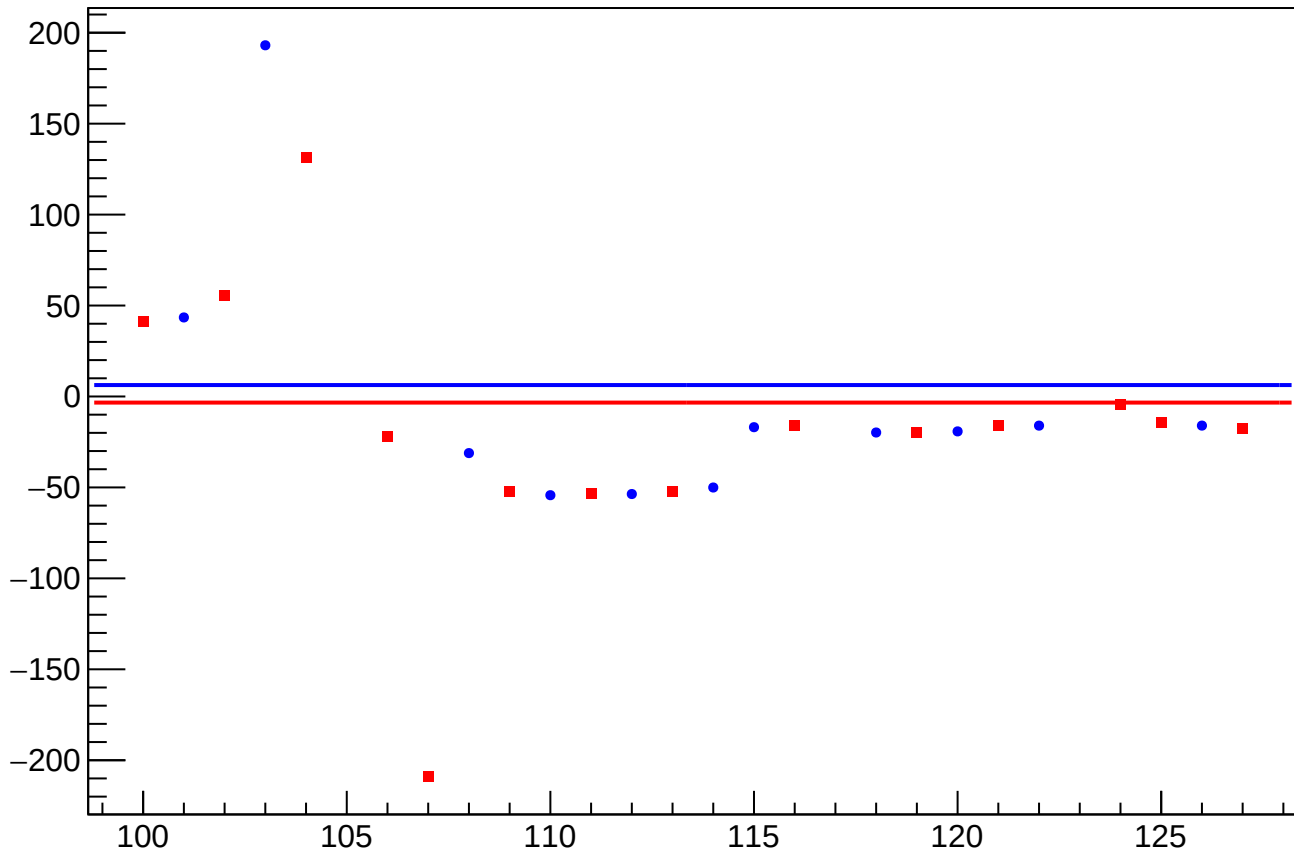
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.176 ± 0.934 χ^2/NDF : 378.1/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: 6.281+/-0.089 χ^2/NDF : 457845.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.358+/-0.086 χ^2/NDF : 418786.4/13

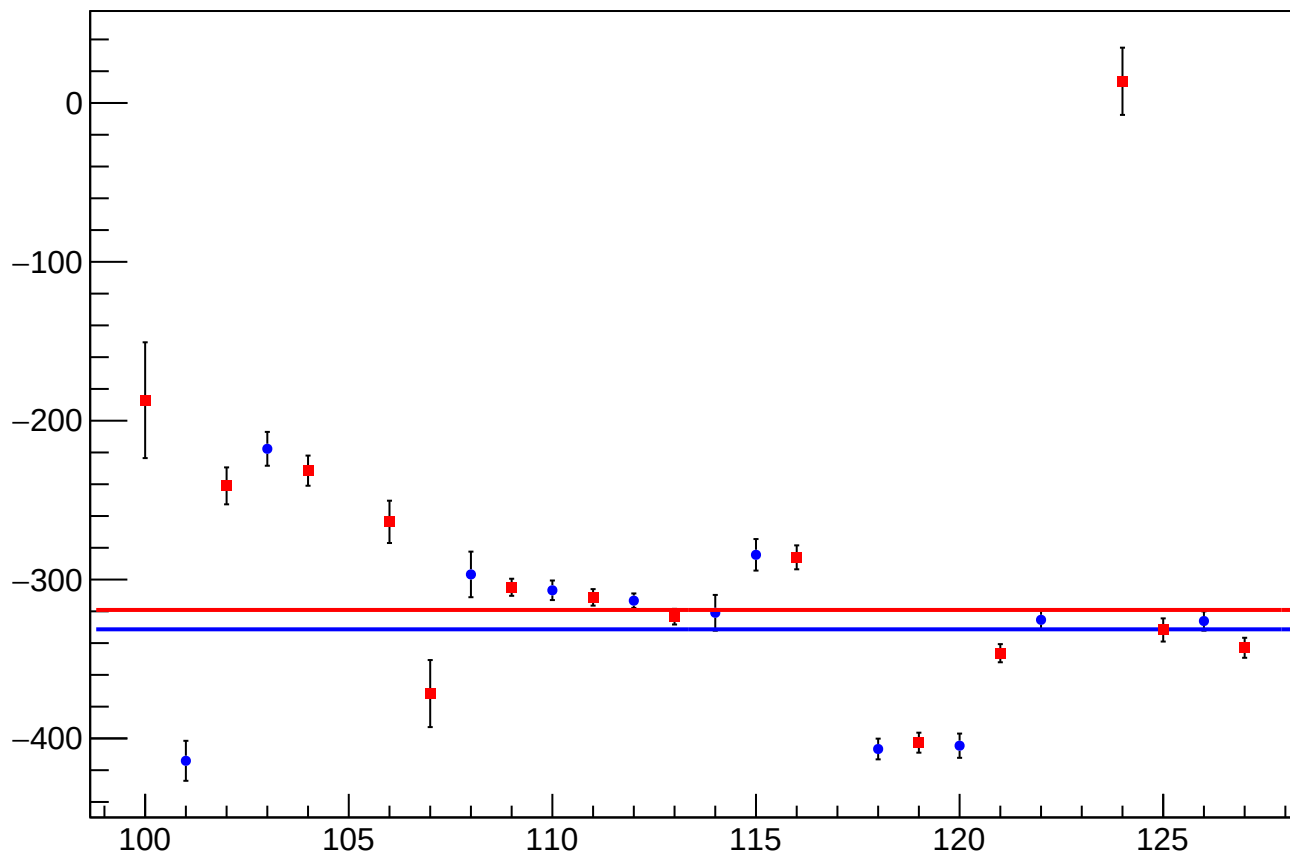
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.316+/-0.062 χ^2/NDF : 882661.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_diff_bpm1X_slope vs Slug



Right In: -331.329+/-2.191 χ^2/NDF : 445.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -319.133+/-1.962 χ^2/NDF : 660.4/13

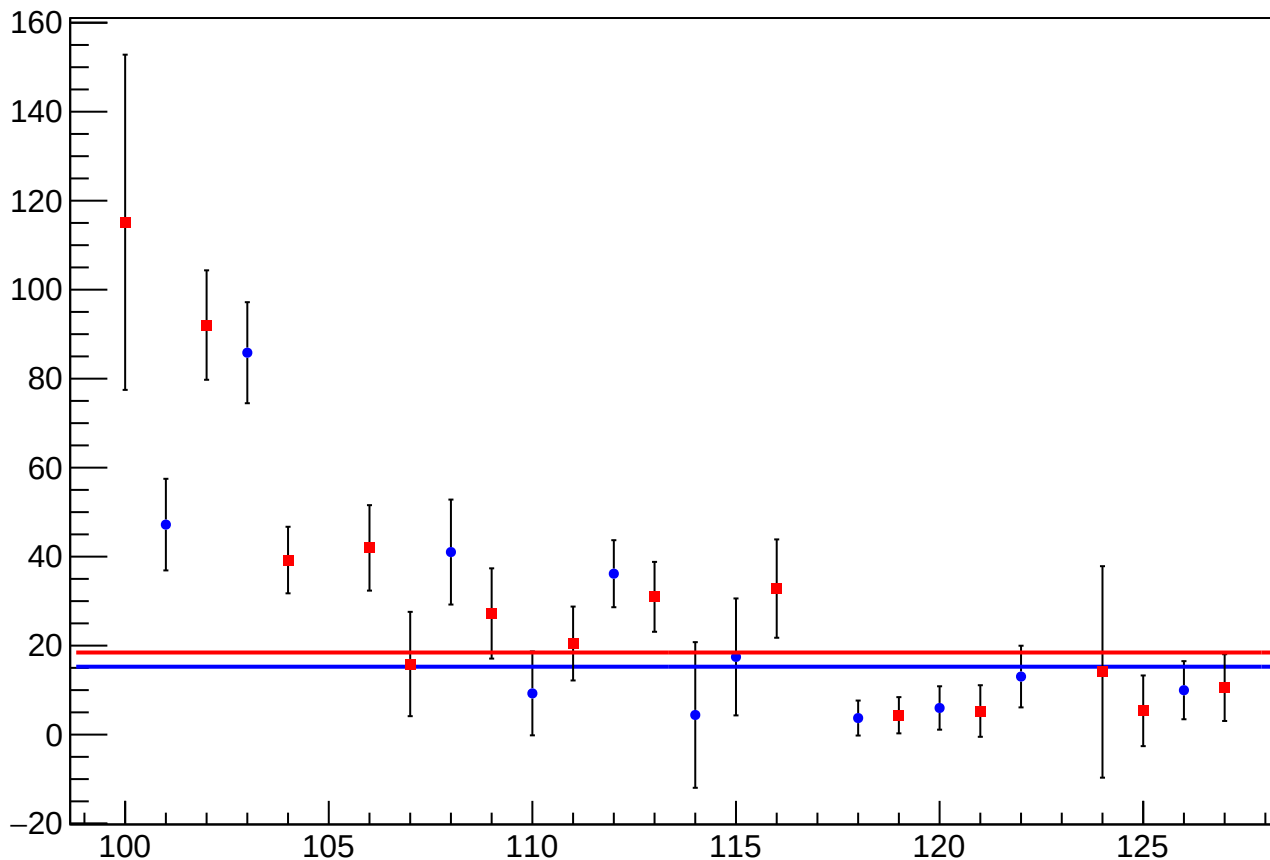
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -324.561+/-1.462 χ^2/NDF : 1122.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: 15.261+/-2.163 χ^2/NDF : 74.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.452+/-2.145 χ^2/NDF : 82.2/13

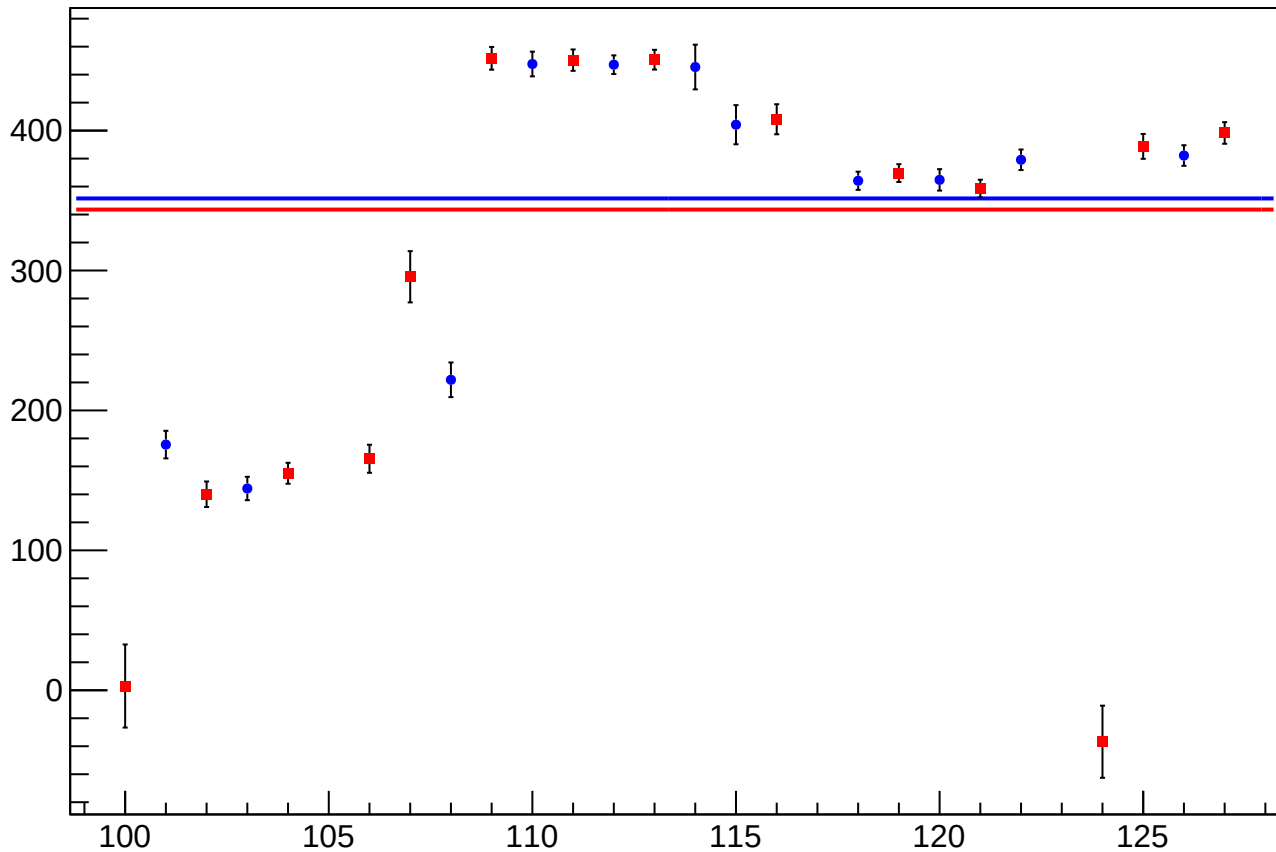
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.870+/-1.523 χ^2/NDF : 157.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 351.499+/-2.555 χ^2/NDF : 1454.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 343.546+/-2.322 χ^2/NDF : 2541.1/13

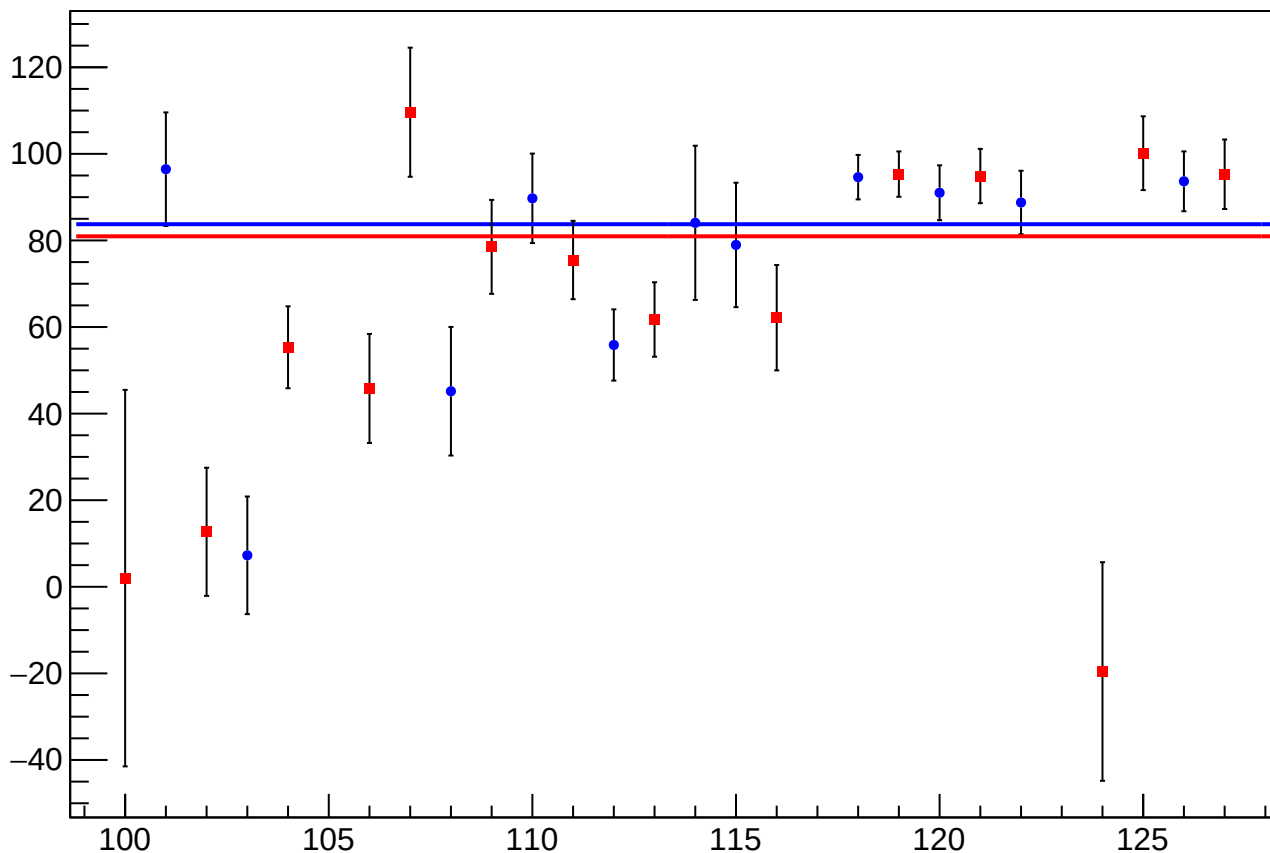
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 347.145+/-1.718 χ^2/NDF : 4001.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 83.748 $\pm$ 2.580 χ^2 /NDF: 59.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 80.954 $\pm$ 2.494 χ^2 /NDF: 87.8/13

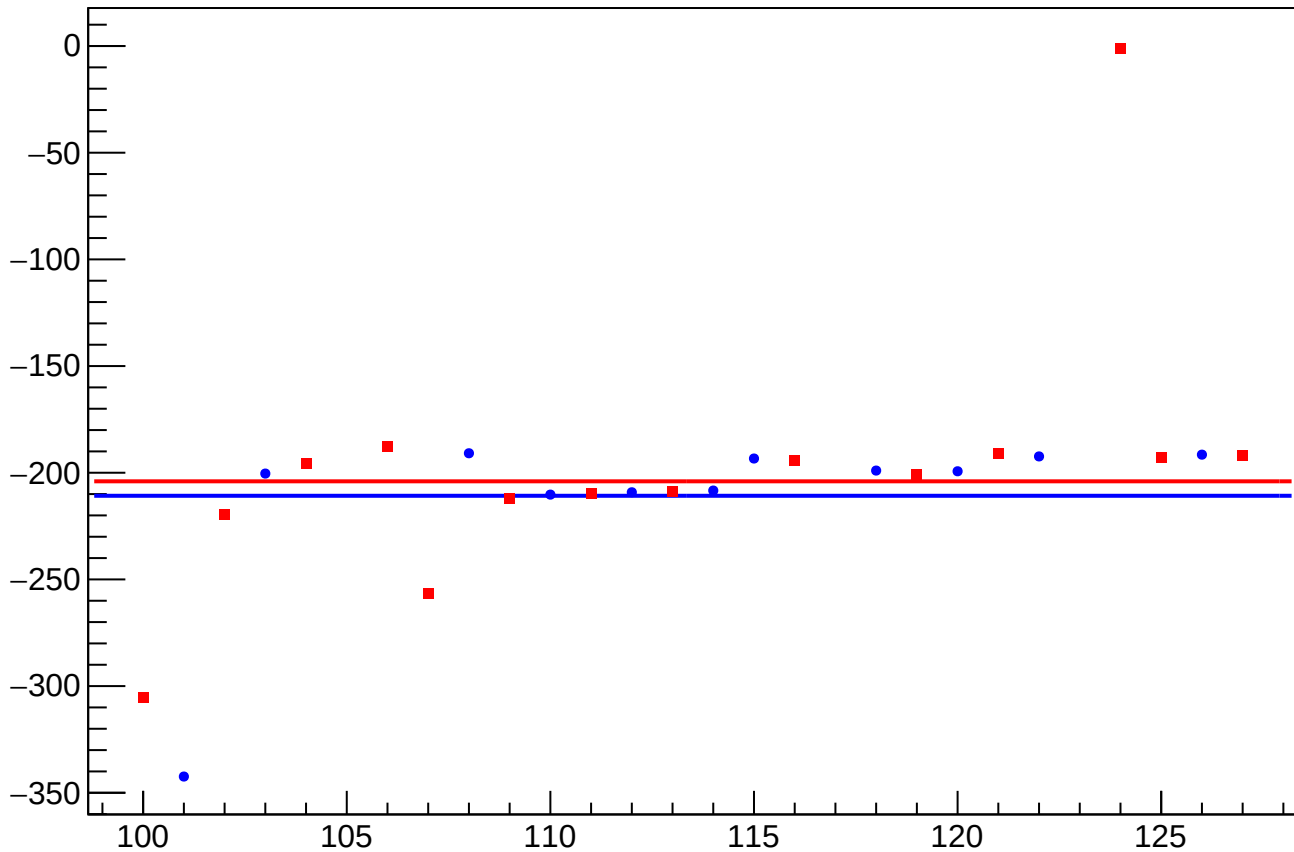
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 82.304 $\pm$ 1.793 χ^2 /NDF: 148.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -210.800+/-0.170 χ^2/NDF : 55840.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -204.022+/-0.154 χ^2/NDF : 25153.2/13

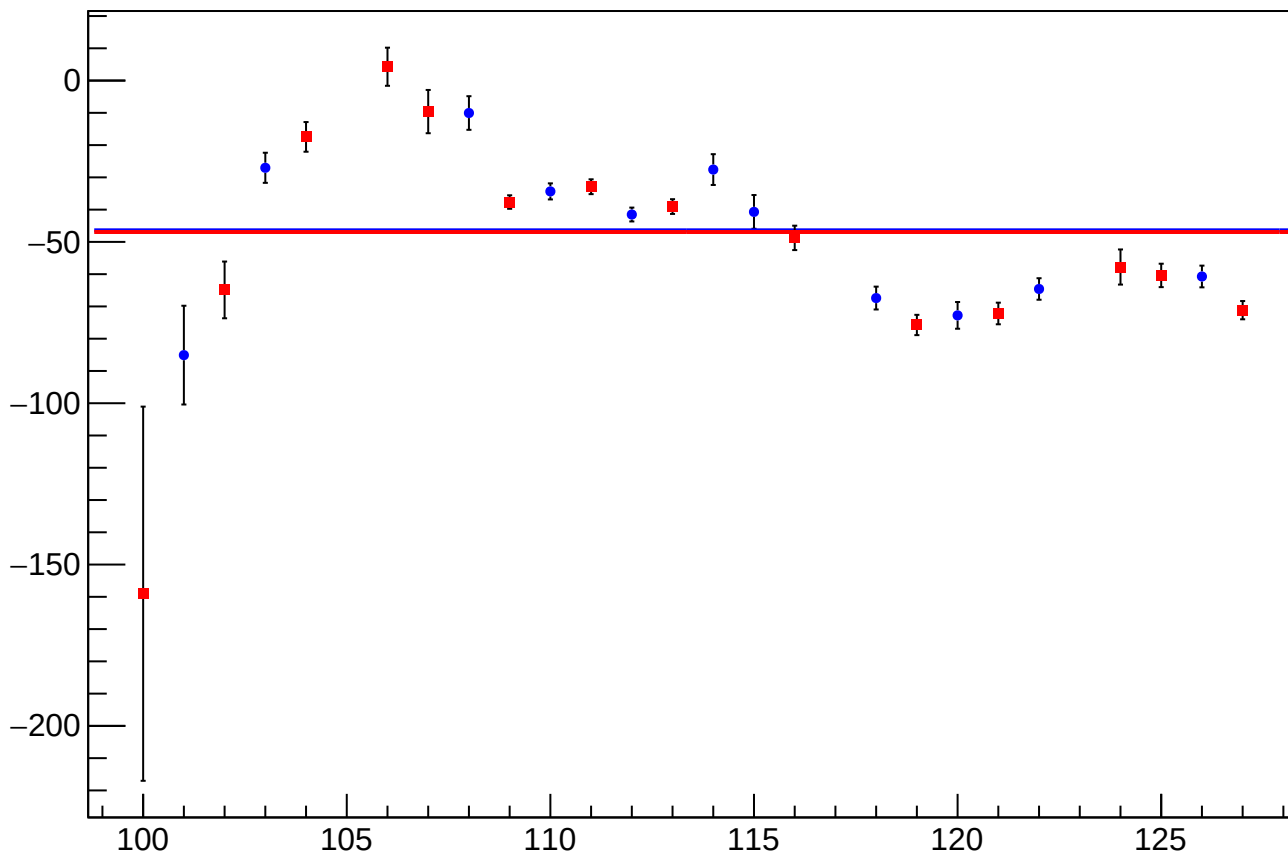
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -207.076+/-0.114 χ^2/NDF : 81872.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1_diff_bpm1X_slope vs Slug



Right In: -46.416 ± 1.077 χ^2/NDF : 241.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -46.927 ± 0.907 χ^2/NDF : 456.0/13

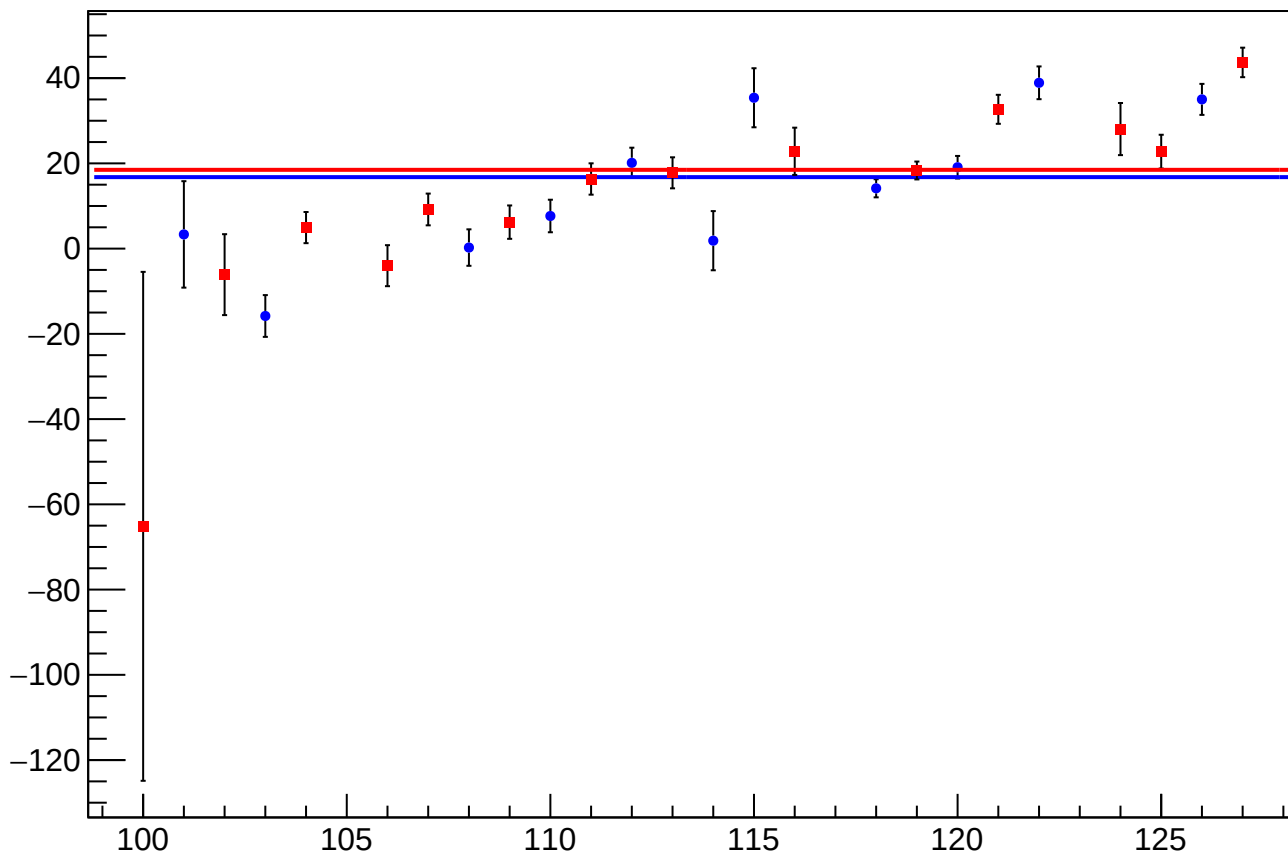
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -46.715 ± 0.694 χ^2/NDF : 697.4/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 16.771 $\pm$ 1.118 χ^2 /NDF: 139.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 18.483 $\pm$ 1.033 χ^2 /NDF: 135.3/13

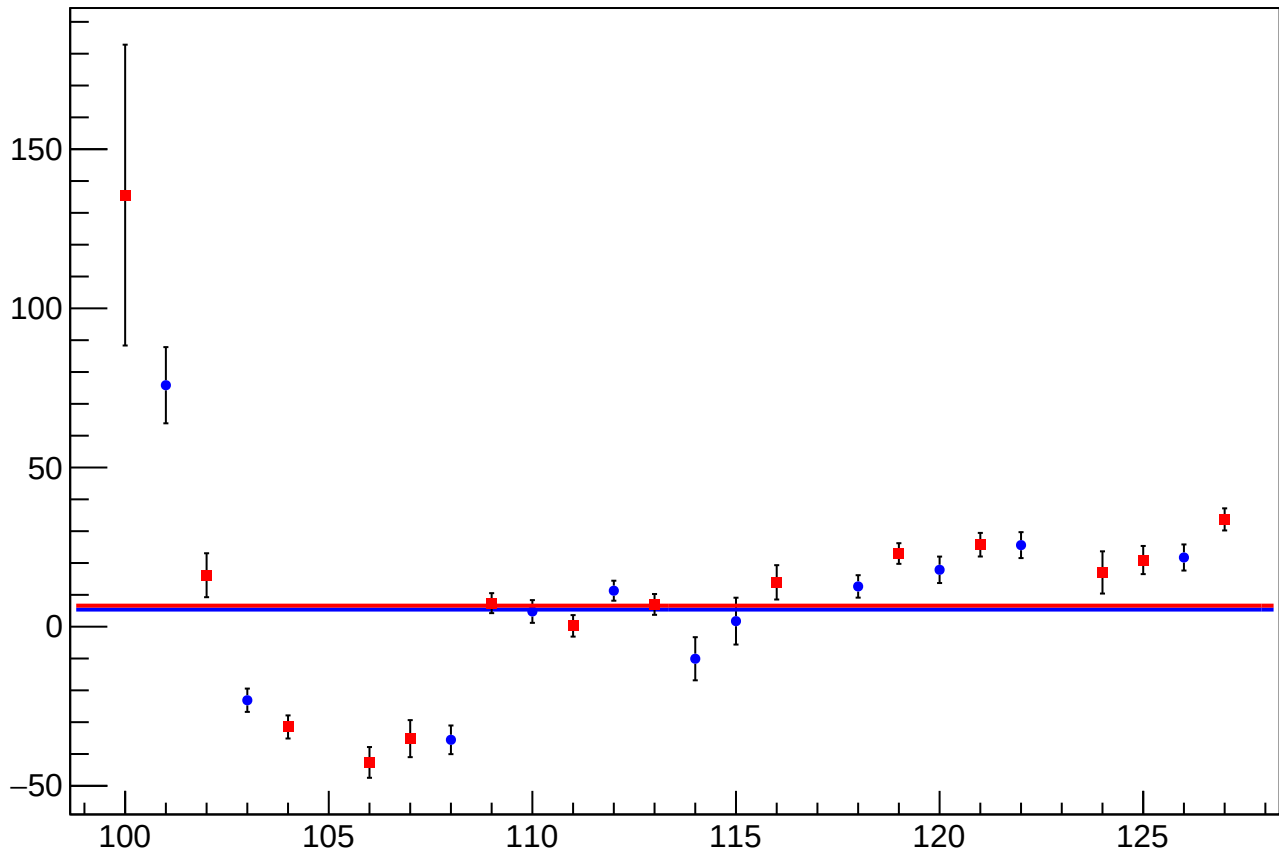
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.695 $\pm$ 0.759 χ^2 /NDF: 275.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 5.375 $\pm$ 1.281 χ^2 /NDF: 240.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.606 $\pm$ 1.110 χ^2 /NDF: 406.6/13

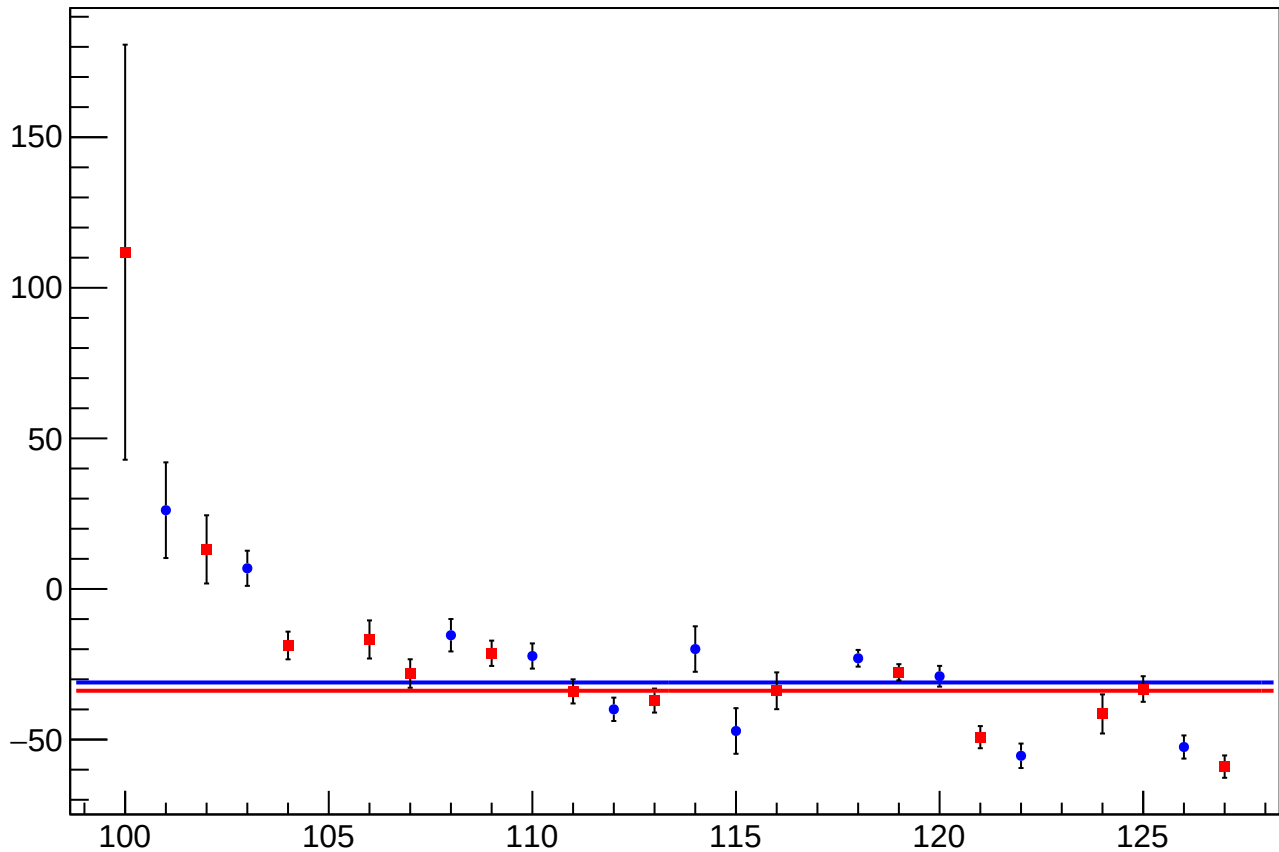
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.078 $\pm$ 0.839 χ^2 /NDF: 647.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -31.046 $\pm$ 1.326 χ^2 /NDF: 155.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -33.793 $\pm$ 1.197 χ^2 /NDF: 120.8/13

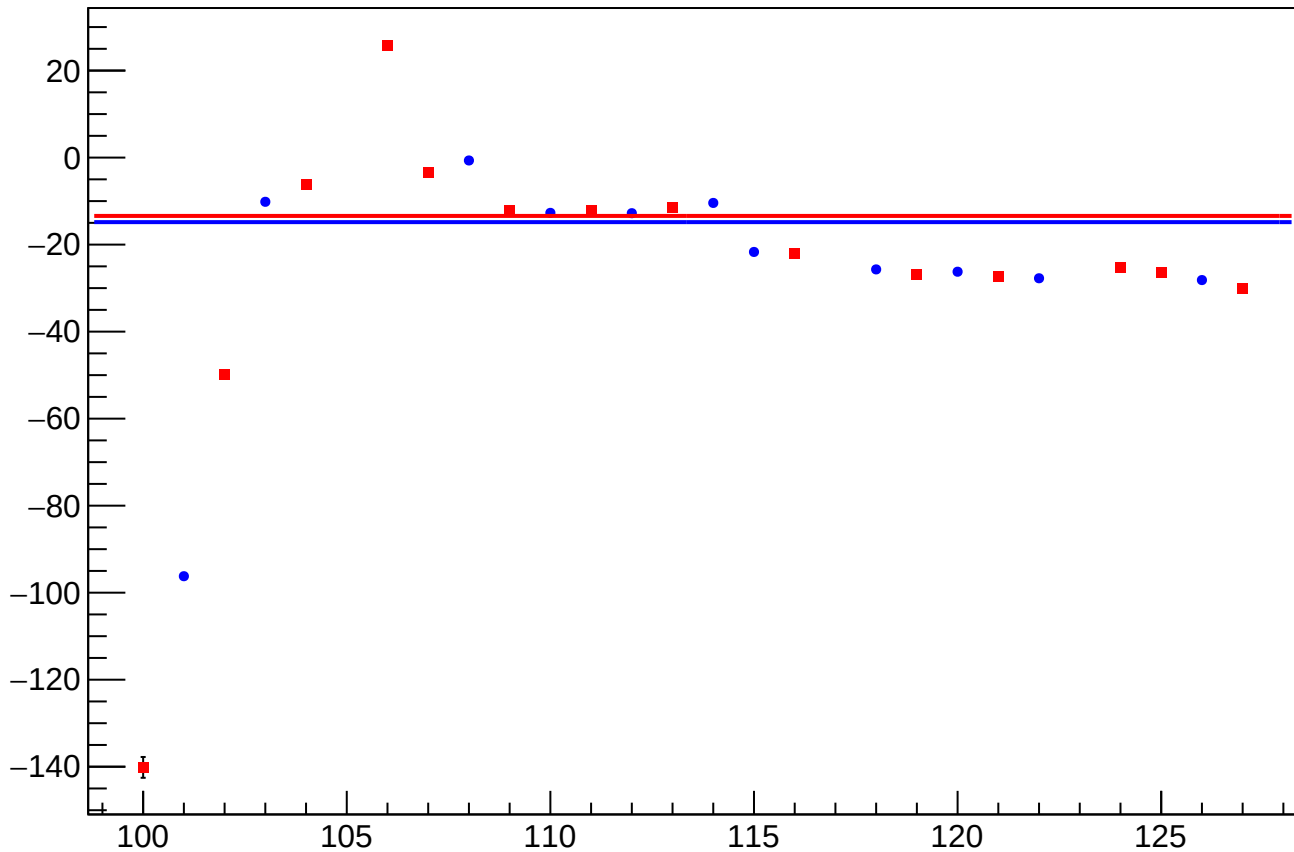
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -32.559 $\pm$ 0.889 χ^2 /NDF: 278.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -14.835 $\pm$ 0.081 χ^2 /NDF: 26688.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -13.406 $\pm$ 0.073 χ^2 /NDF: 60553.5/13

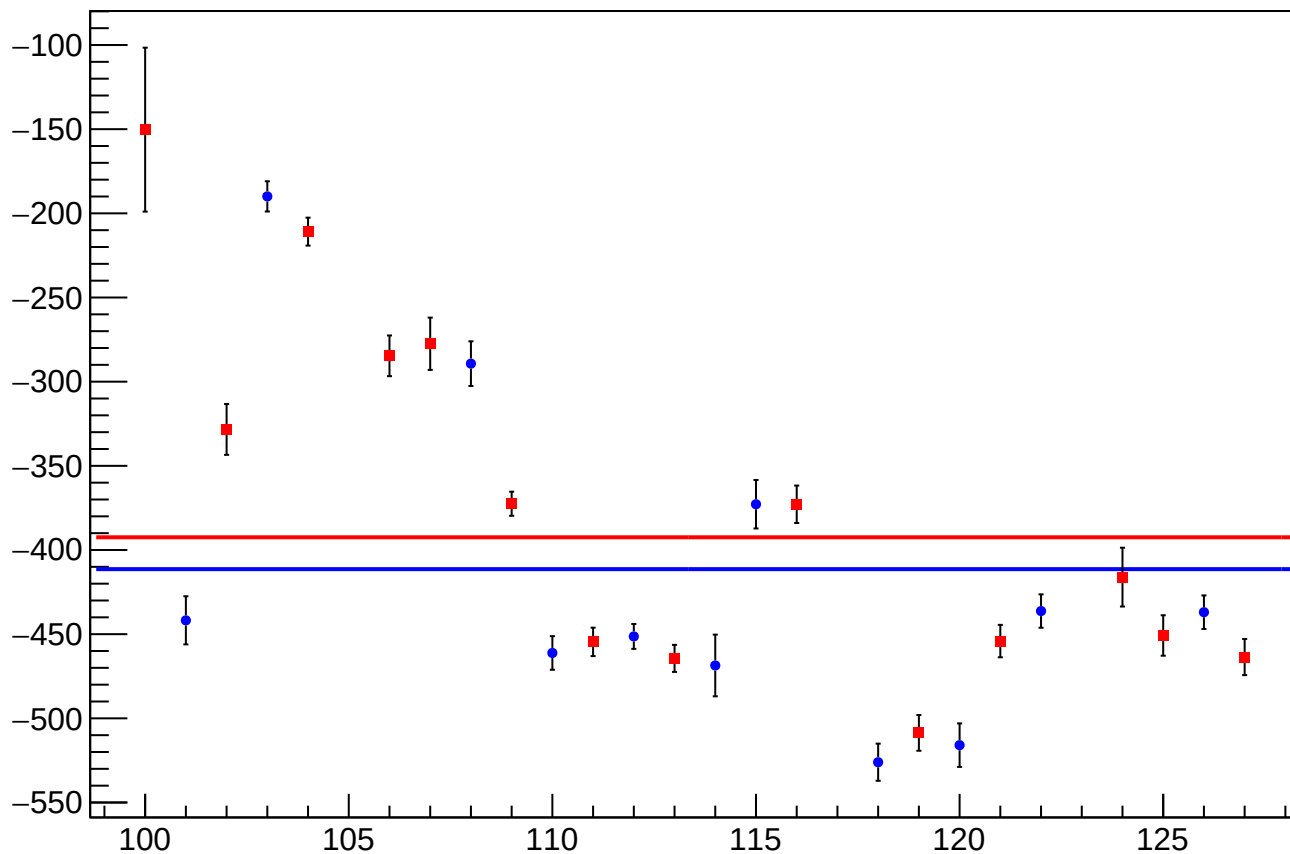
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.045 $\pm$ 0.054 χ^2 /NDF: 87413.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr2_diff_bpm1X_slope vs Slug



Right In: -411.367 ± 3.270 χ^2/NDF : 955.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -392.444 ± 2.817 χ^2/NDF : 1031.5/13

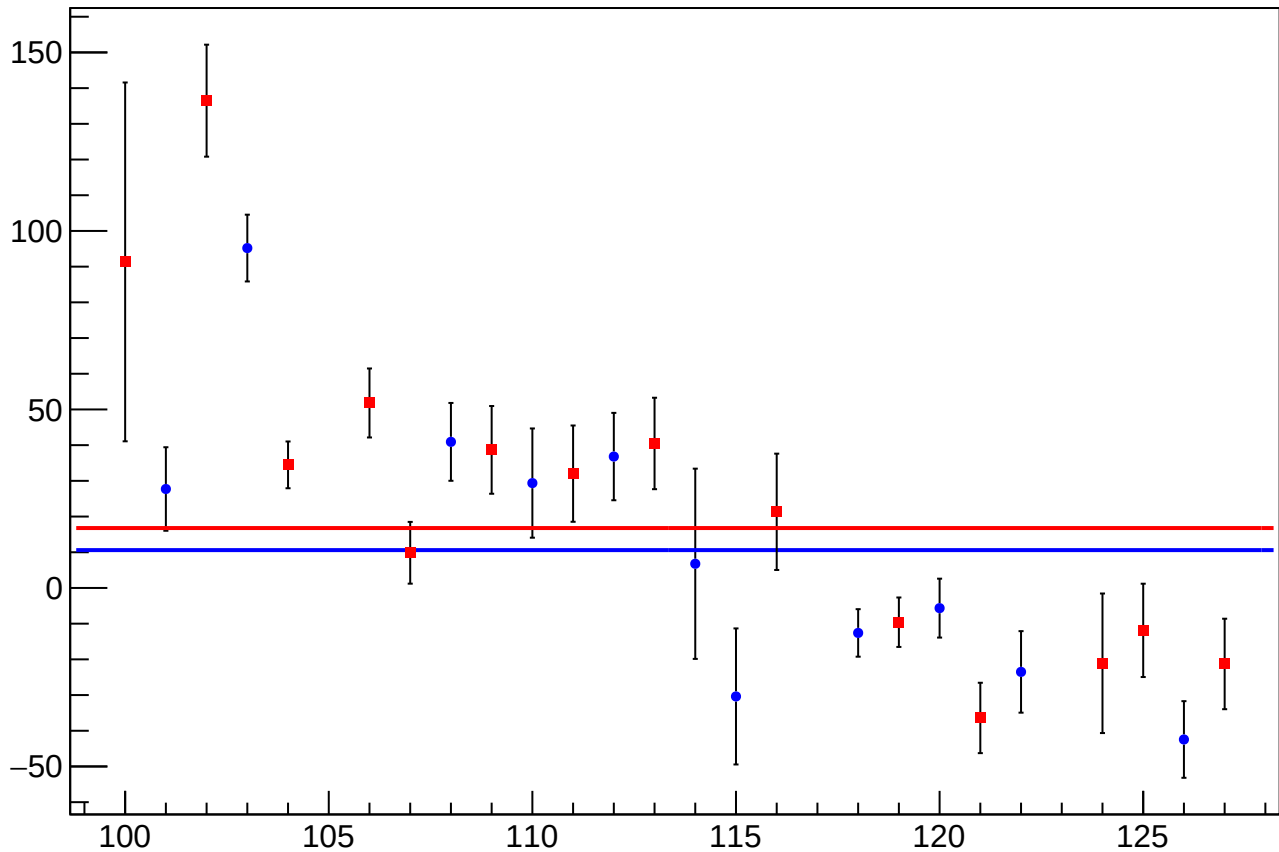
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -400.506 ± 2.134 χ^2/NDF : 2005.7/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: 10.600 $\pm$ 3.229 χ^2 /NDF: 151.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.780 $\pm$ 2.891 χ^2 /NDF: 150.7/13

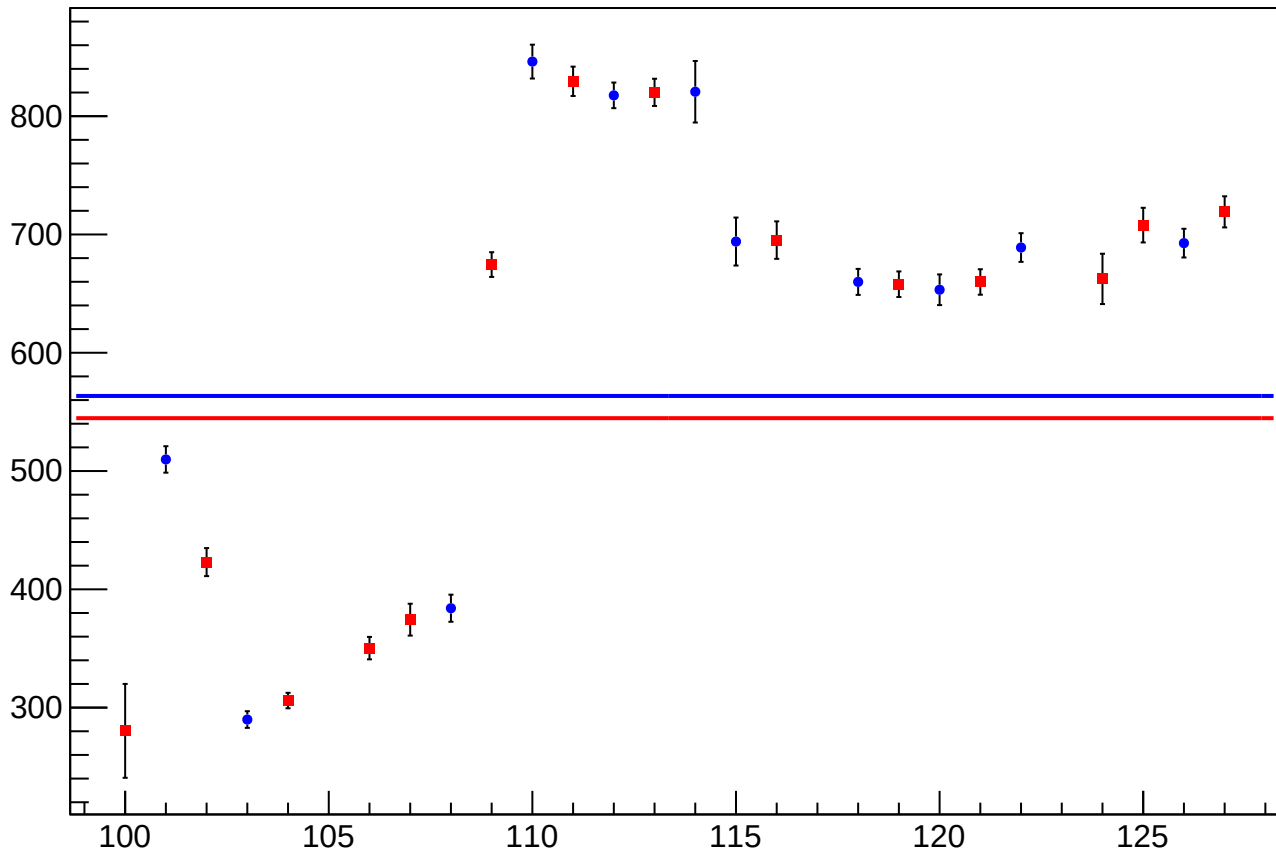
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14.031 $\pm$ 2.154 χ^2 /NDF: 304.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 563.477 $\pm$ 3.516 χ^2 /NDF: 3201.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 544.700 $\pm$ 3.089 χ^2 /NDF: 3960.9/13

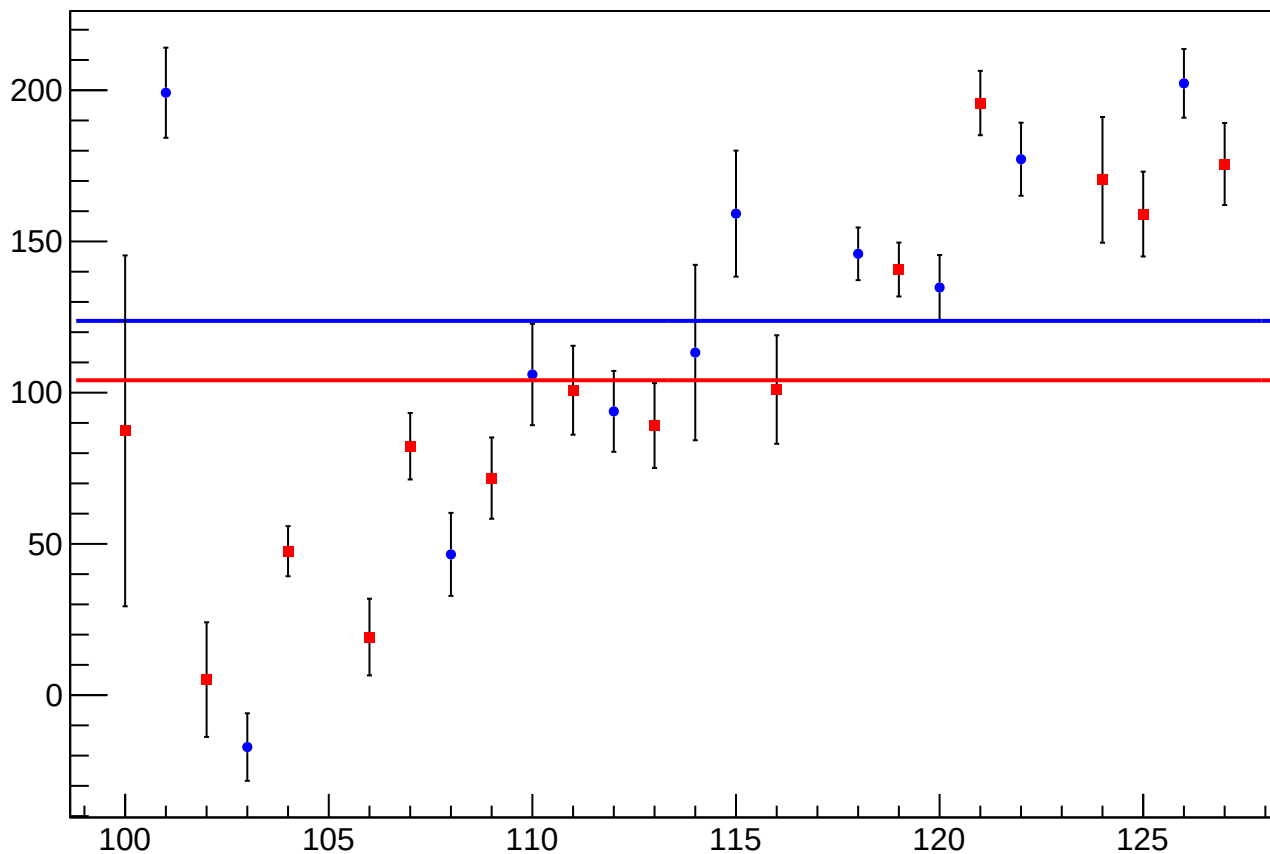
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 552.882 $\pm$ 2.321 χ^2 /NDF: 7178.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 123.741 $\pm$ 3.864 χ^2 /NDF: 300.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 104.102 $\pm$ 3.435 χ^2 /NDF: 274.1/13

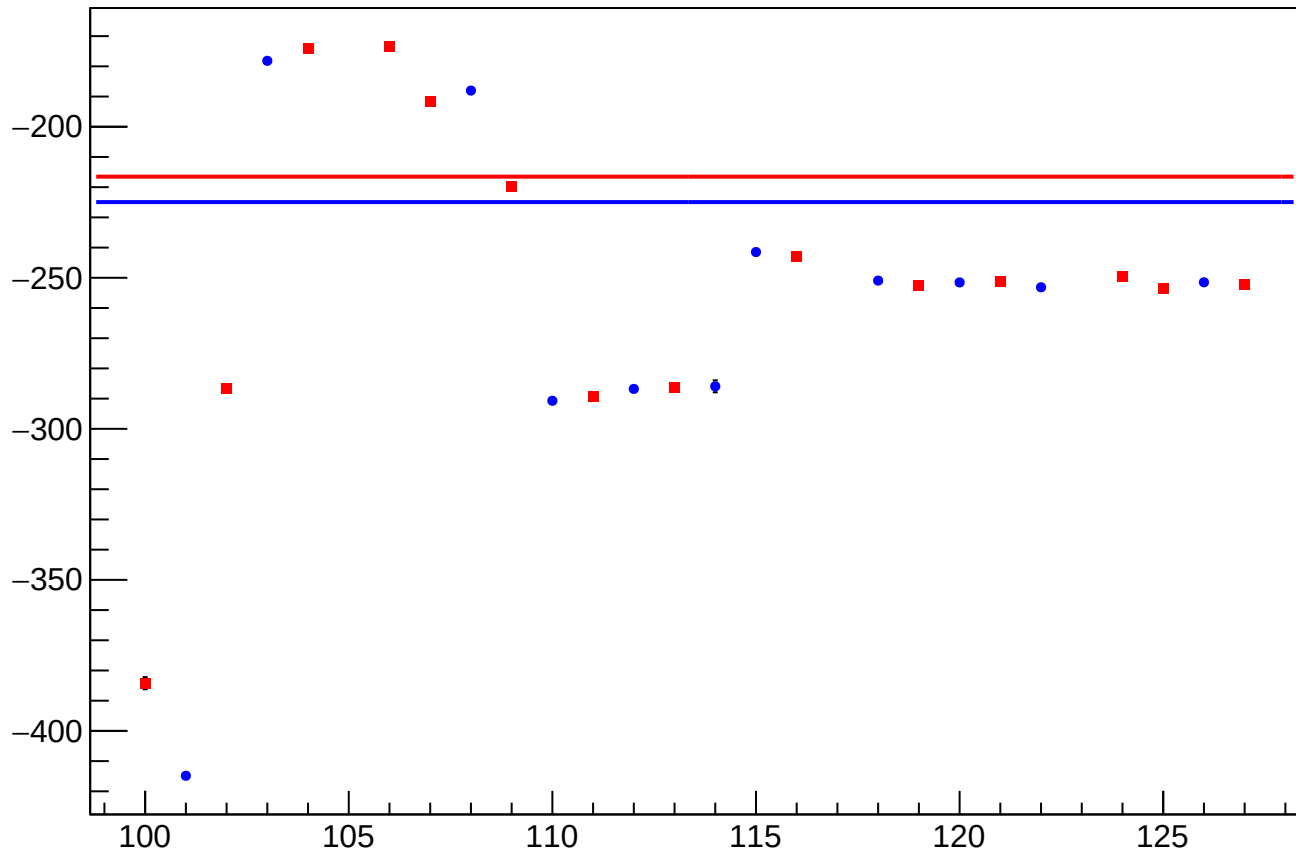
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 112.770 $\pm$ 2.567 χ^2 /NDF: 589.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -224.940+/-0.197 χ^2/NDF : 125054.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -216.521+/-0.180 χ^2/NDF : 70918.1/13

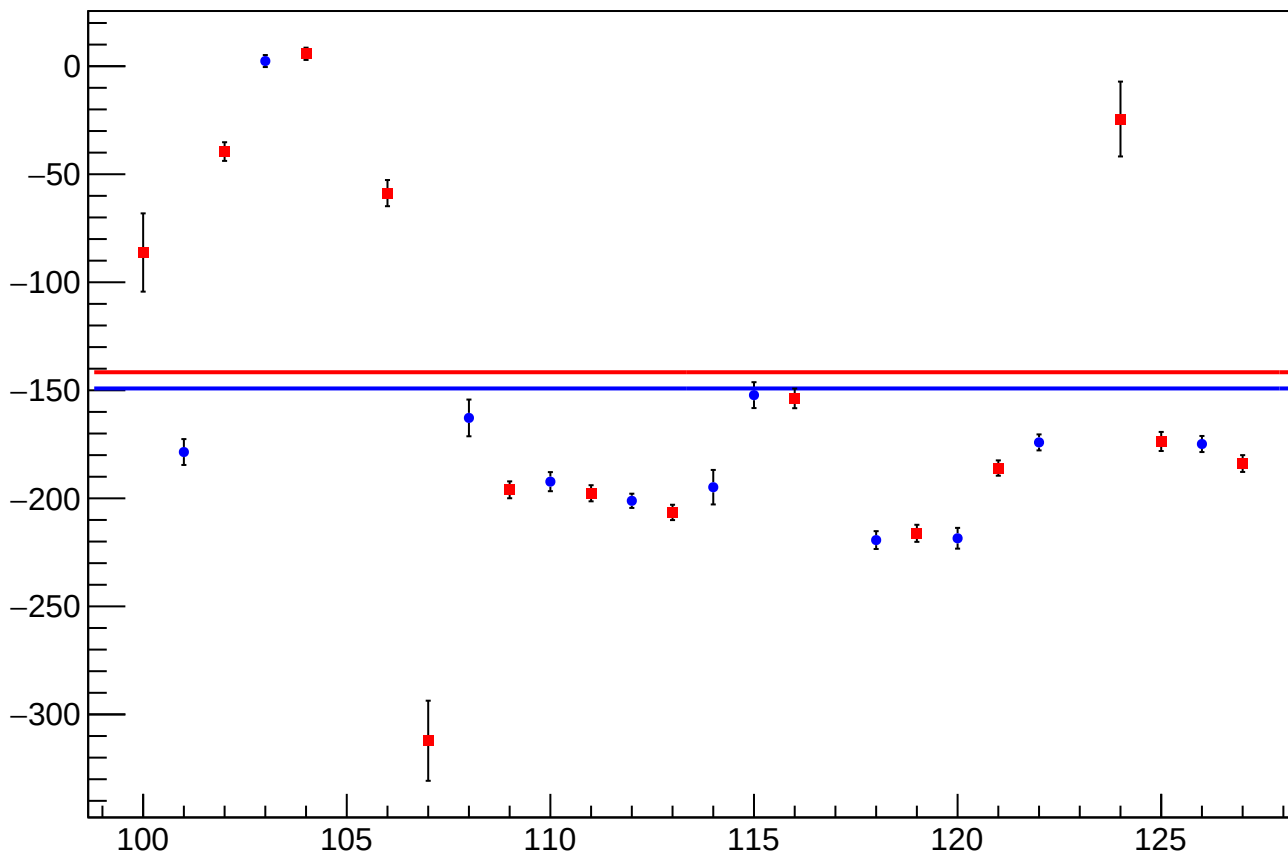
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -220.346+/-0.133 χ^2/NDF : 196964.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



Right In: -149.143+/-1.285 χ^2/NDF : 3966.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -141.636+/-1.162 χ^2/NDF : 5023.6/13

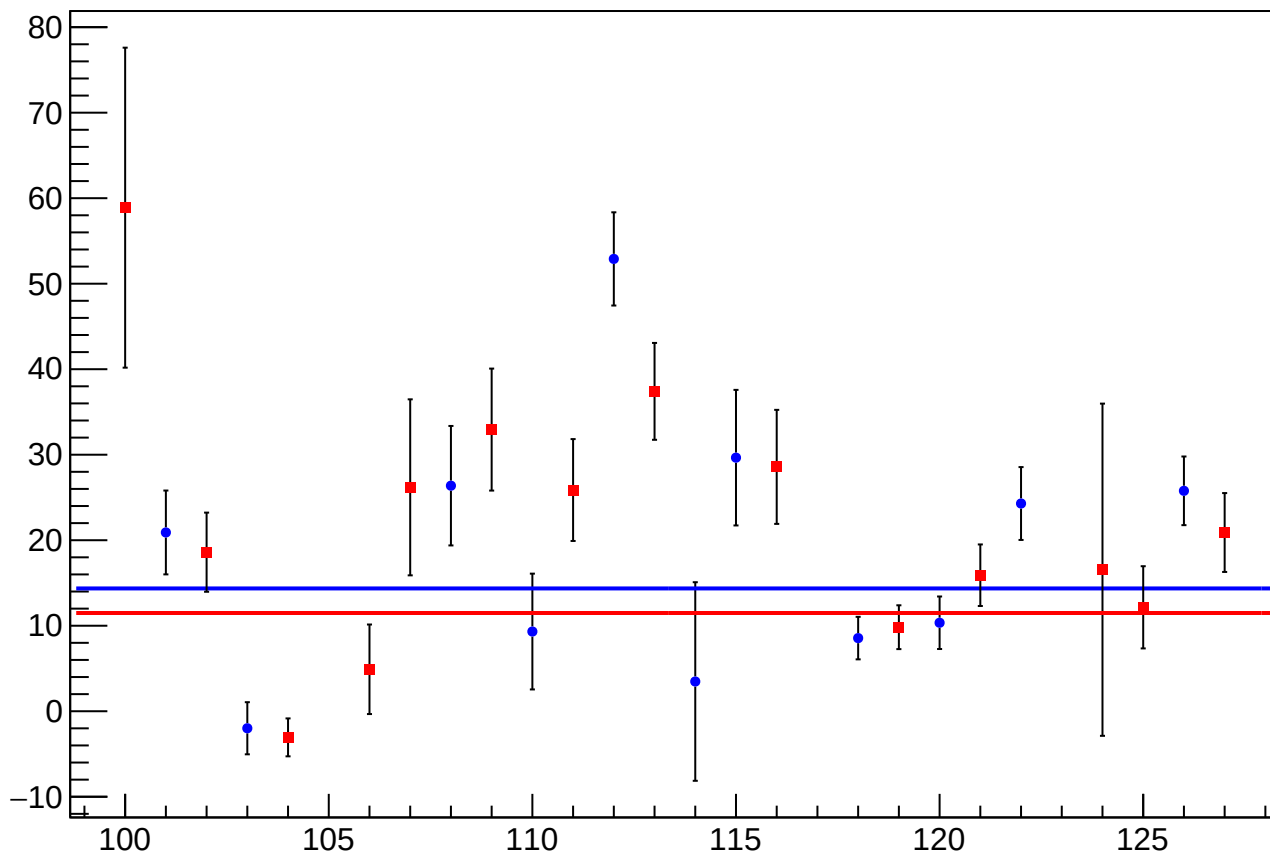
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -145.013+/-0.862 χ^2/NDF : 9009.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 14.361+/-1.257 χ^2/NDF : 109.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.489+/-1.176 χ^2/NDF : 104.0/13

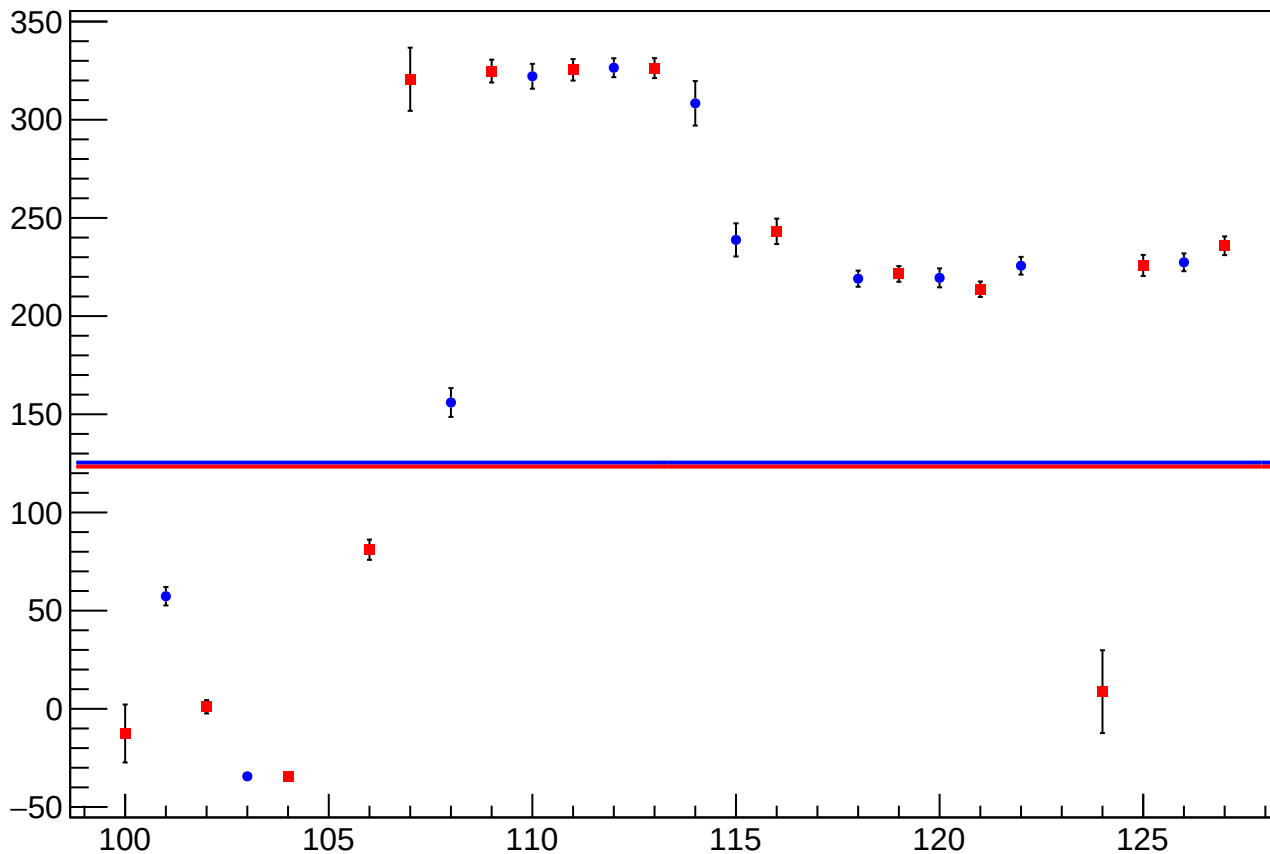
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.830+/-0.859 χ^2/NDF : 216.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 125.400 $\pm$ 1.332 χ^2 /NDF: 10623.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 123.362 $\pm$ 1.226 χ^2 /NDF: 13132.8/13

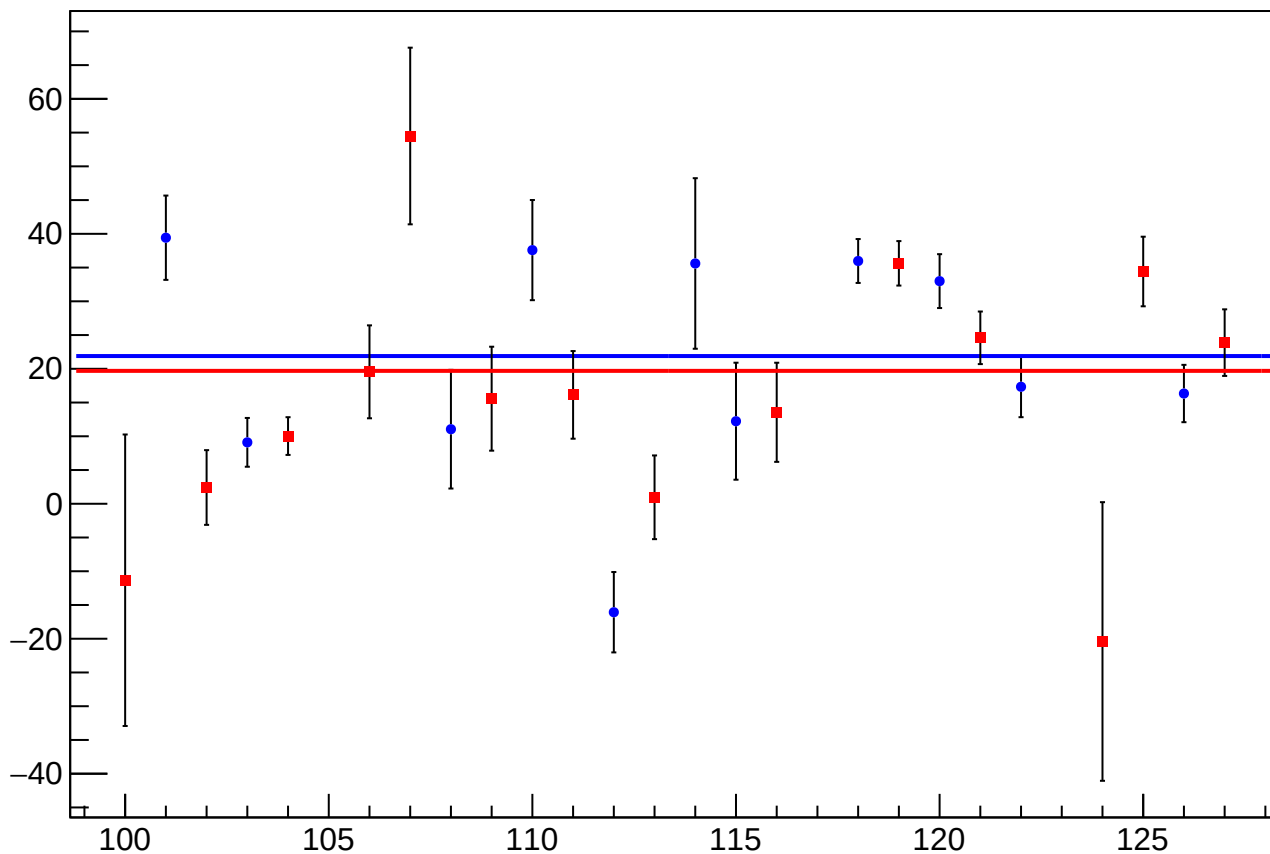
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 124.296 $\pm$ 0.902 χ^2 /NDF: 23757.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 21.889+/-1.503 χ^2 /NDF: 98.7/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 19.693+/-1.395 χ^2 /NDF: 78.8/13

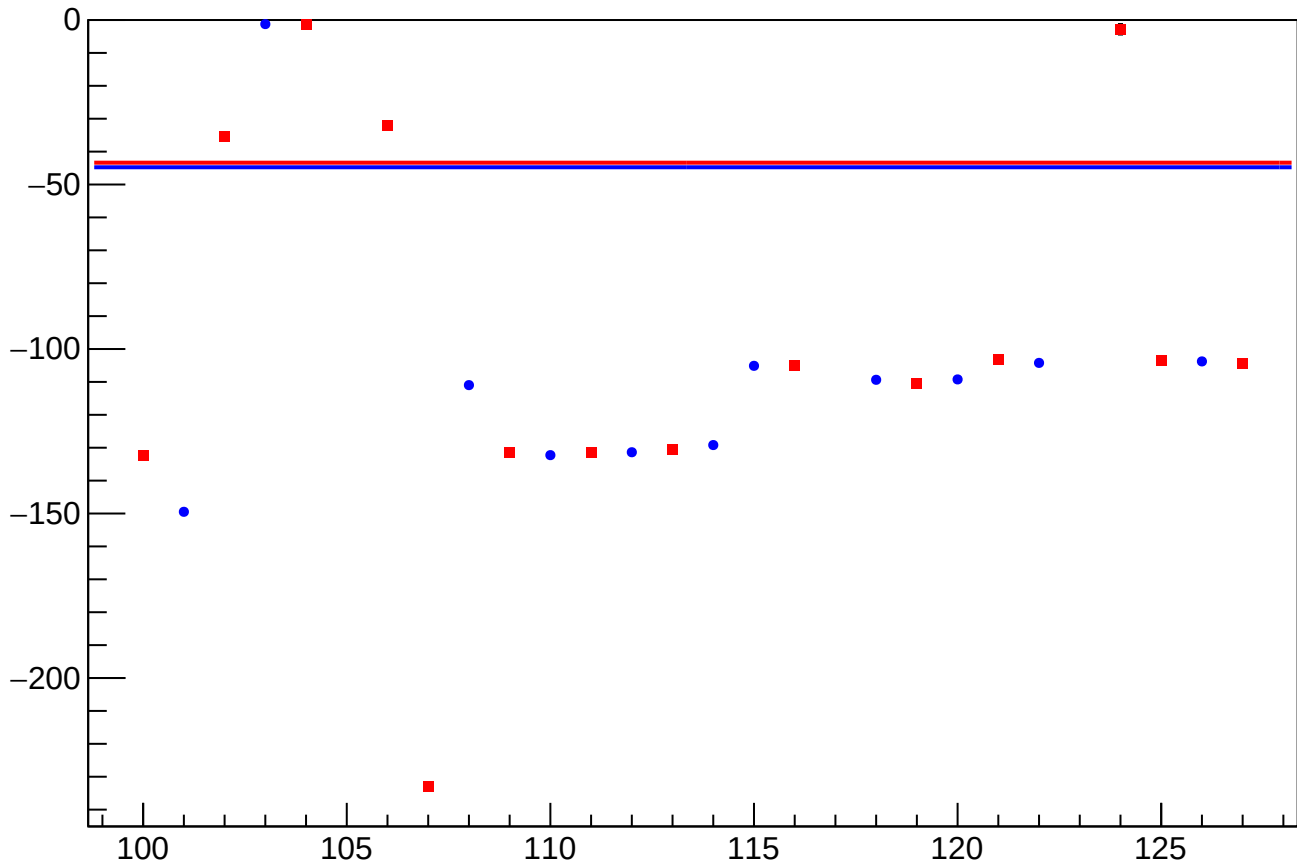
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 20.709+/-1.022 χ^2 /NDF: 178.6/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -44.758 $\pm$ 0.072 χ^2 /NDF: 644255.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -43.364 $\pm$ 0.067 χ^2 /NDF: 539251.7/13

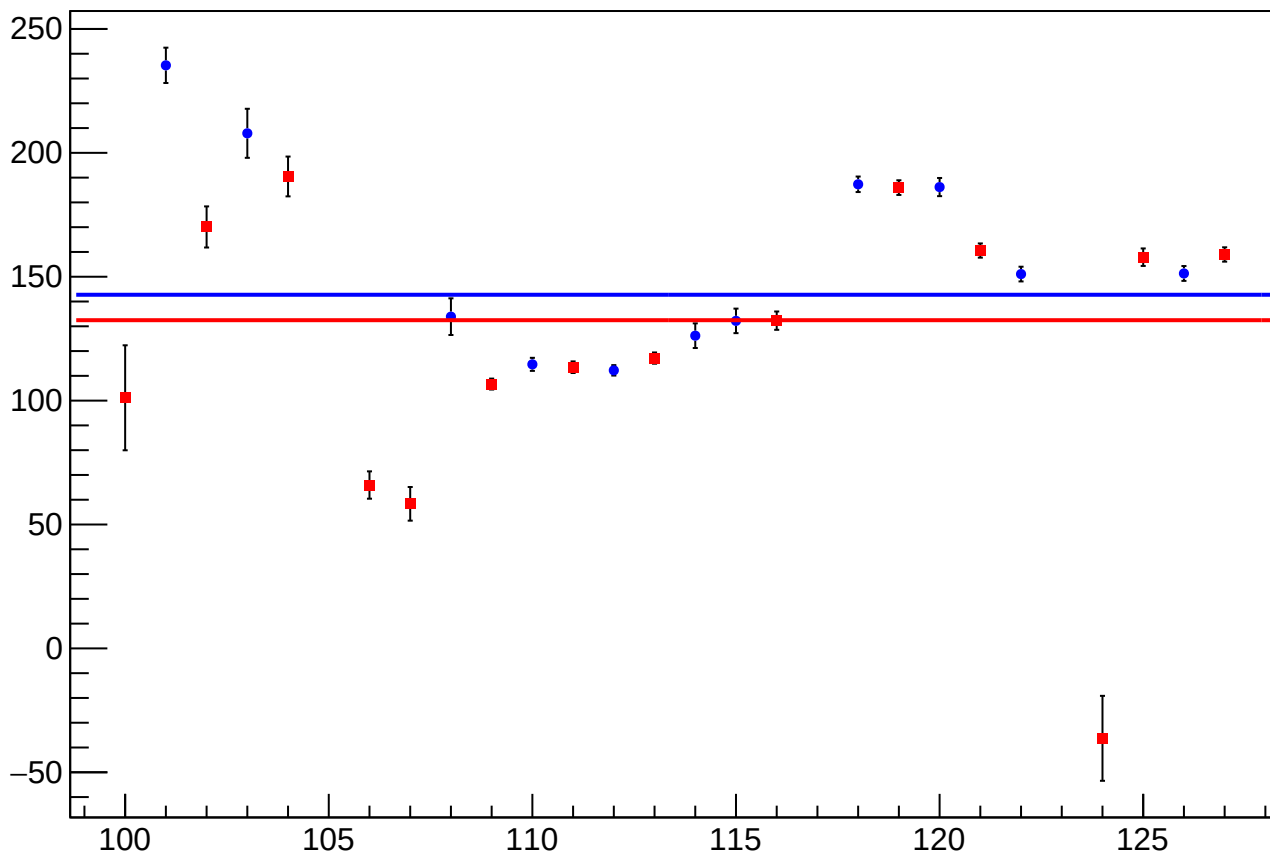
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -44.015 $\pm$ 0.049 χ^2 /NDF: 1183706.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



Right In: 142.727 $\pm$ 1.054 χ^2 /NDF: 912.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 132.459 $\pm$ 0.920 χ^2 /NDF: 1243.2/13

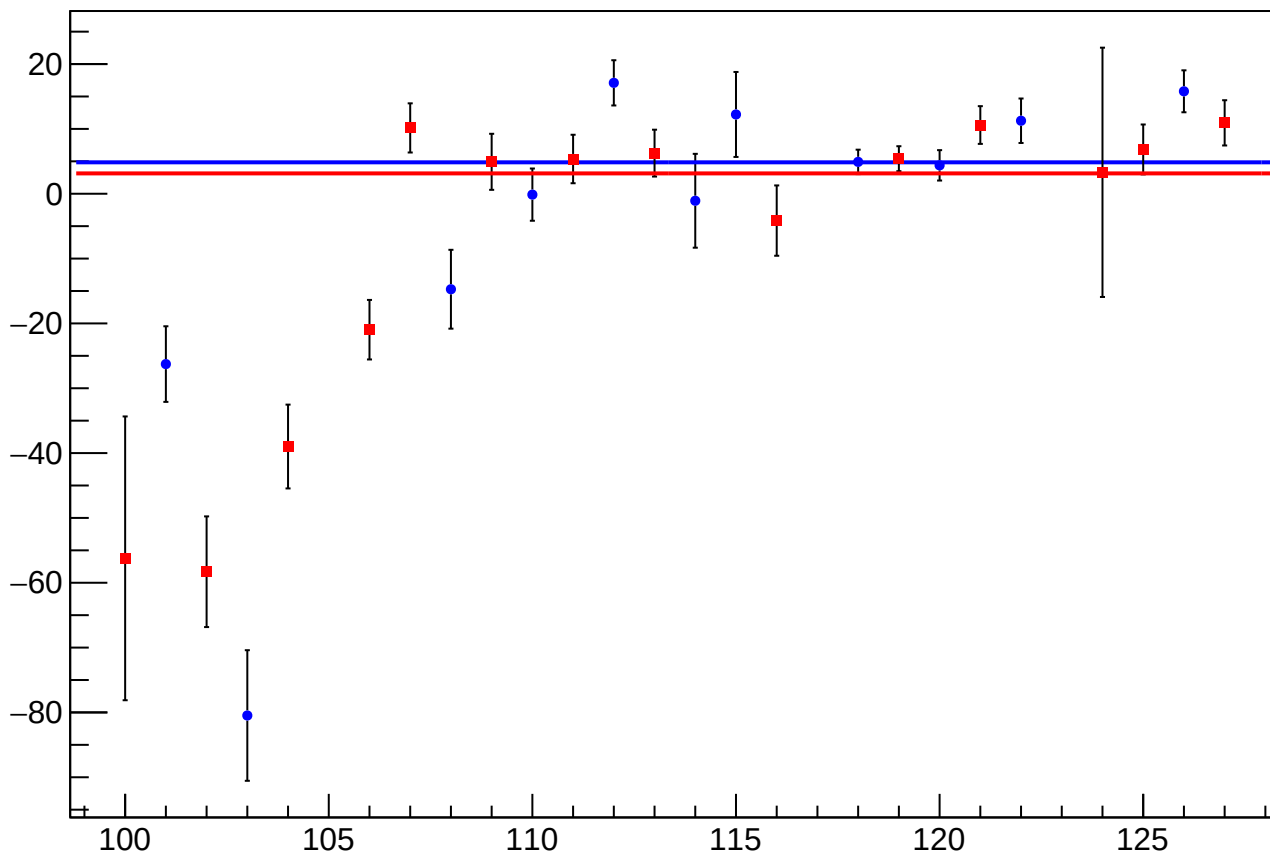
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 136.899 $\pm$ 0.693 χ^2 /NDF: 2209.4/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 4.846 $\pm$ 1.056 χ^2 /NDF: 141.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.138 $\pm$ 1.035 χ^2 /NDF: 149.6/13

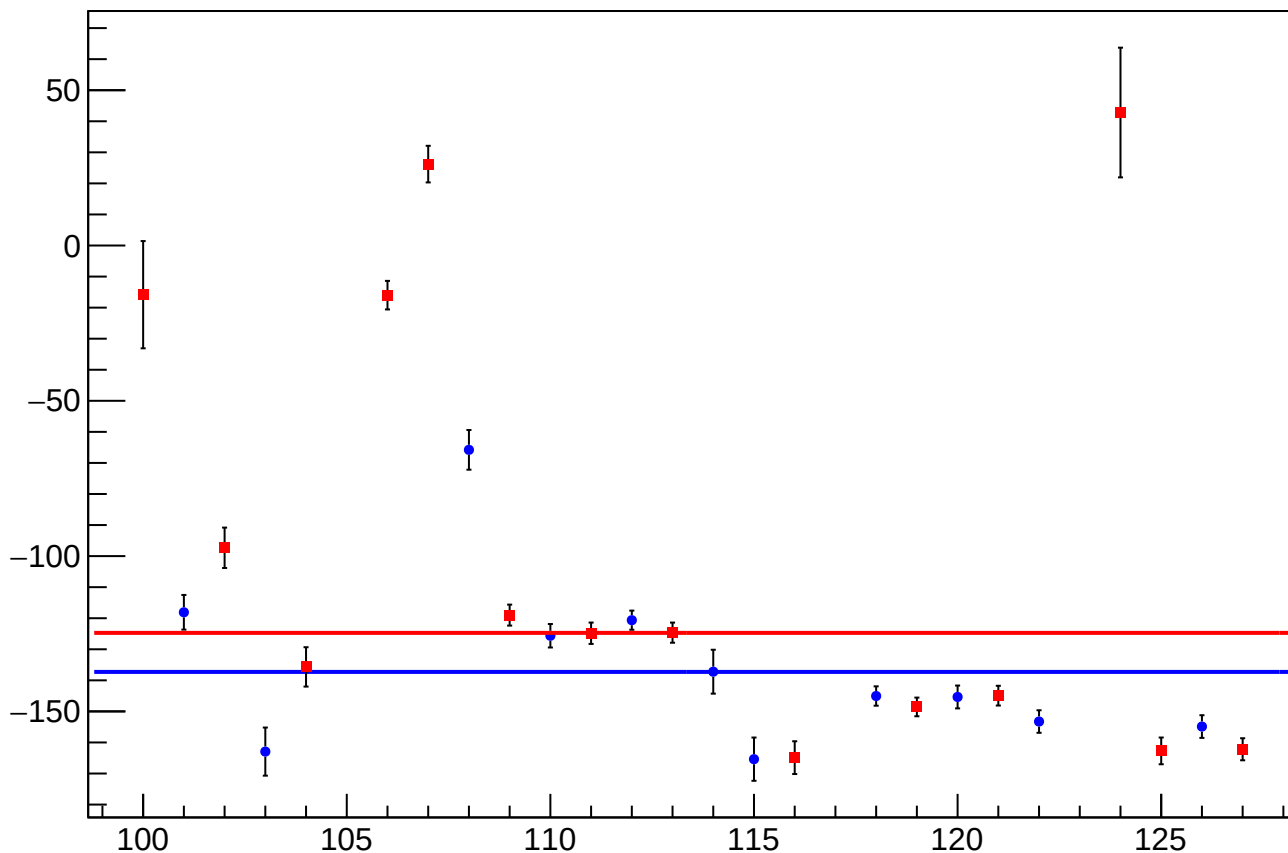
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.975 $\pm$ 0.739 χ^2 /NDF: 292.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -137.283 ± 1.273 χ^2/NDF : 256.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -124.719 ± 1.135 χ^2/NDF : 1693.2/13

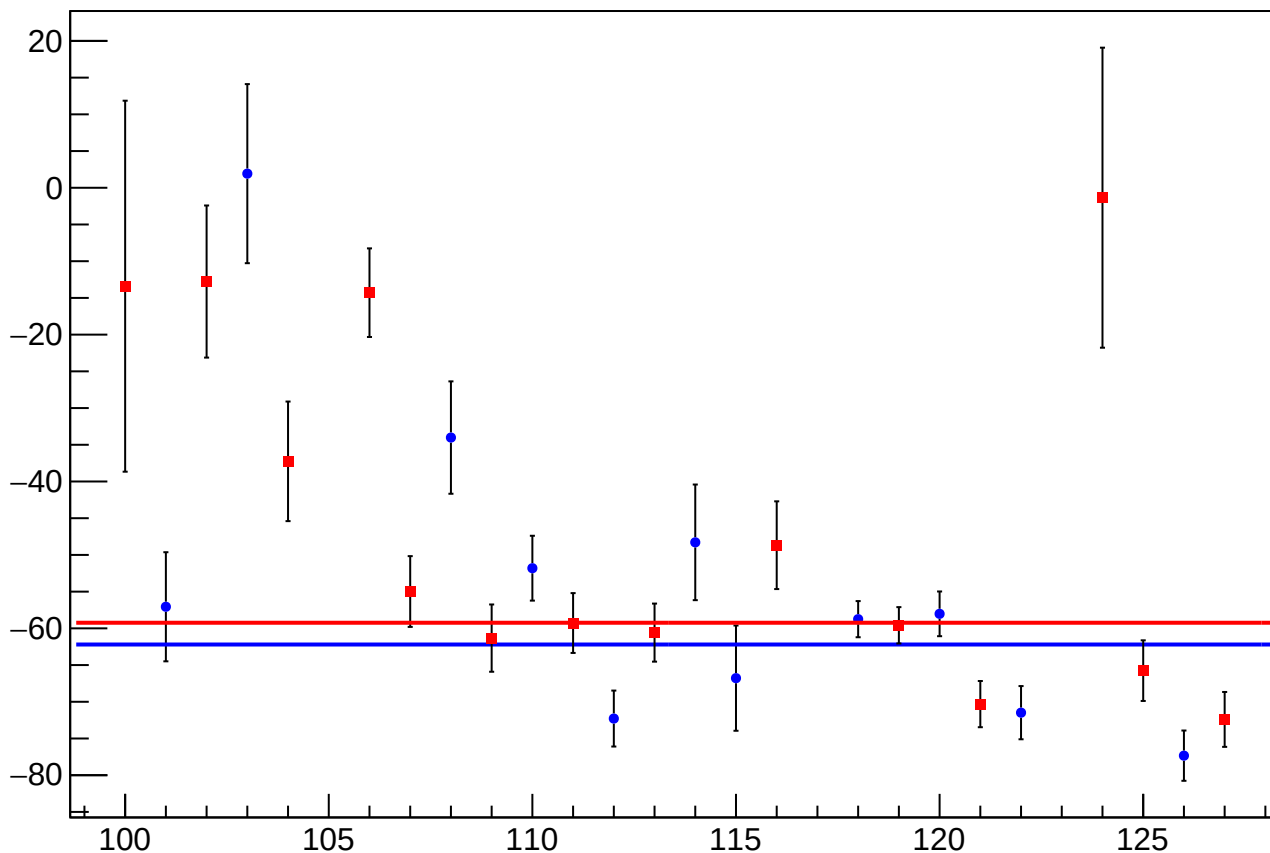
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -130.282 ± 0.847 χ^2/NDF : 2004.1/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -62.201 ± 1.258 χ^2/NDF : 87.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -59.237 ± 1.201 χ^2/NDF : 125.8/13

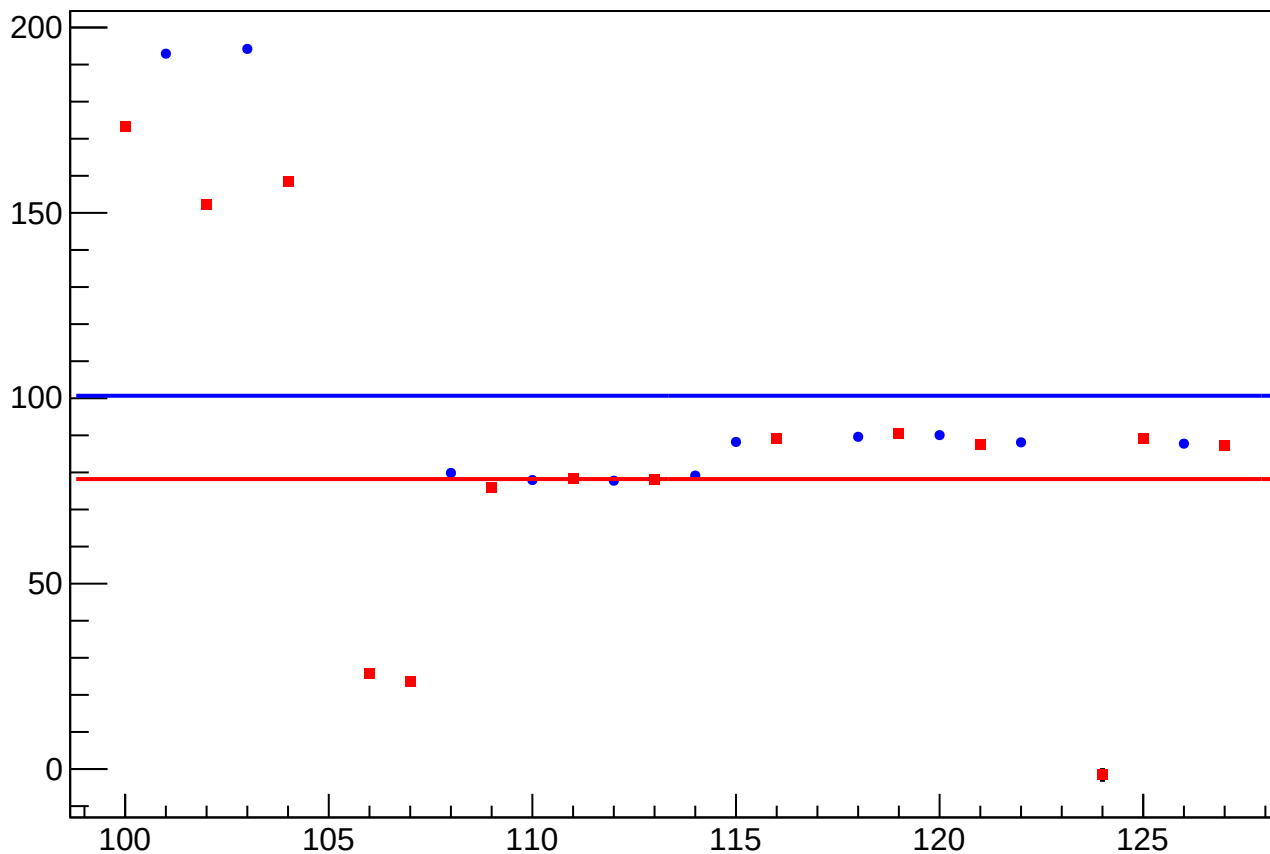
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -60.650 ± 0.869 χ^2/NDF : 216.4/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 100.676+/-0.091 χ^2/NDF : 186679.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.208+/-0.076 χ^2/NDF : 285041.0/13

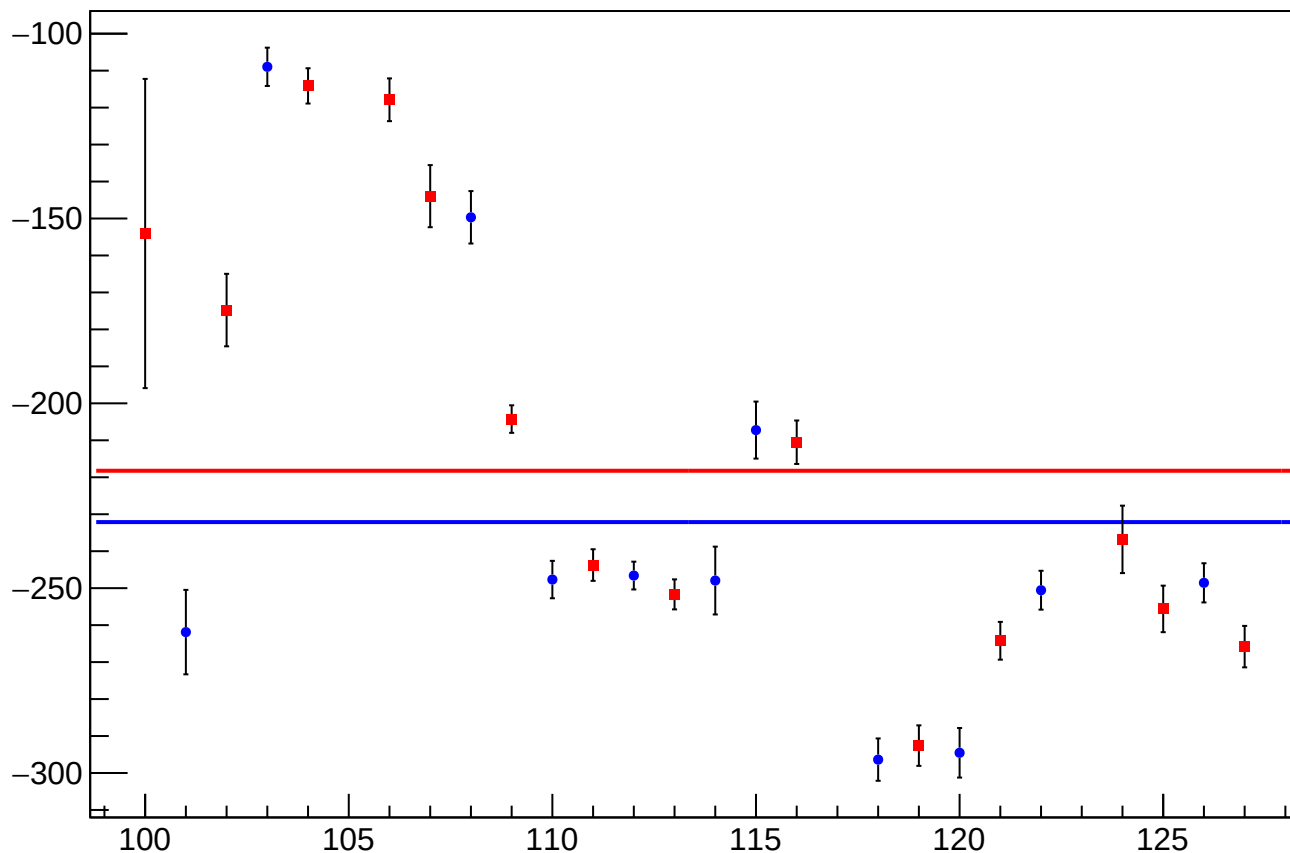
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.427+/-0.058 χ^2/NDF : 507806.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



Right In: -232.126+/-1.746 χ^2 /NDF: 979.0/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -218.238+/-1.481 χ^2 /NDF: 1373.0/13

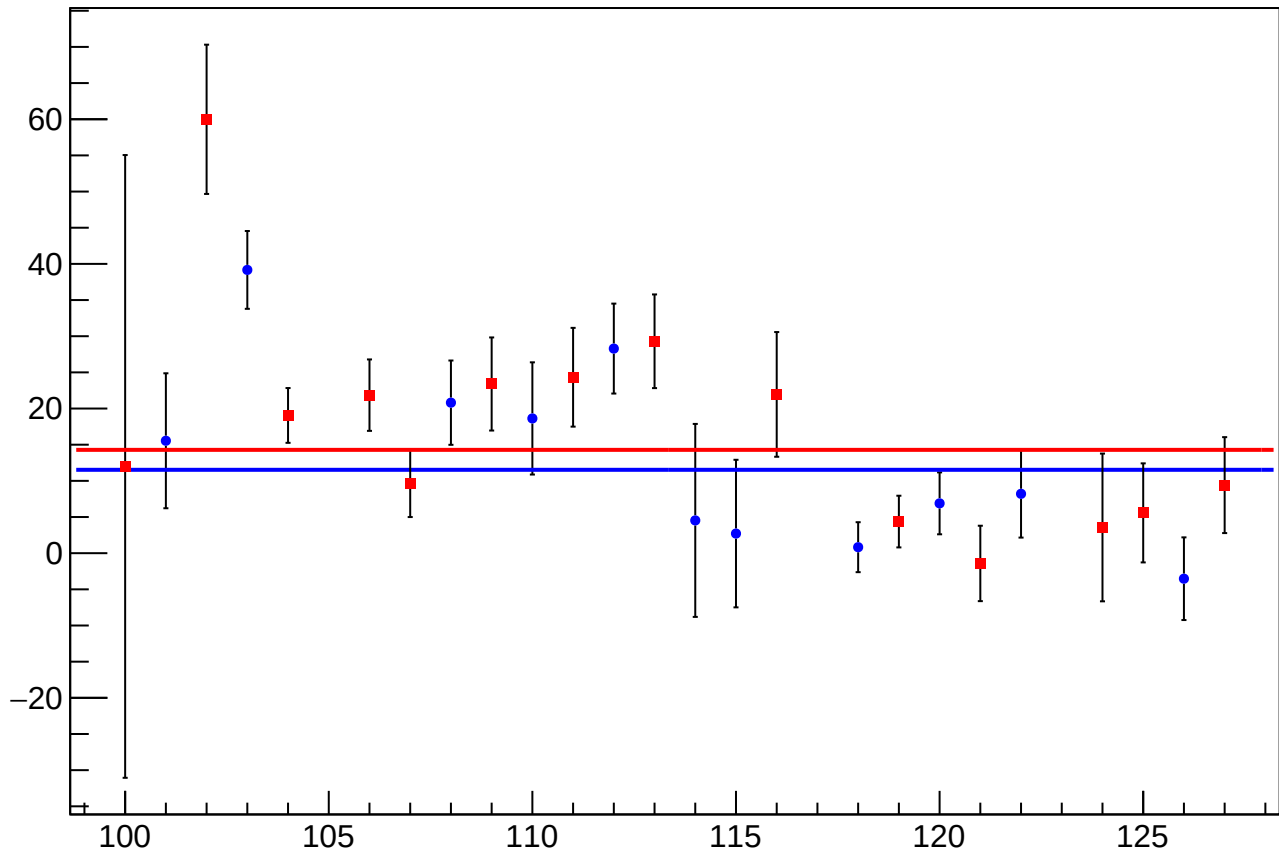
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -224.047+/-1.130 χ^2 /NDF: 2388.7/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: 11.528 $\pm$ 1.742 χ^2 /NDF: 56.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.286 $\pm$ 1.546 χ^2 /NDF: 54.9/13

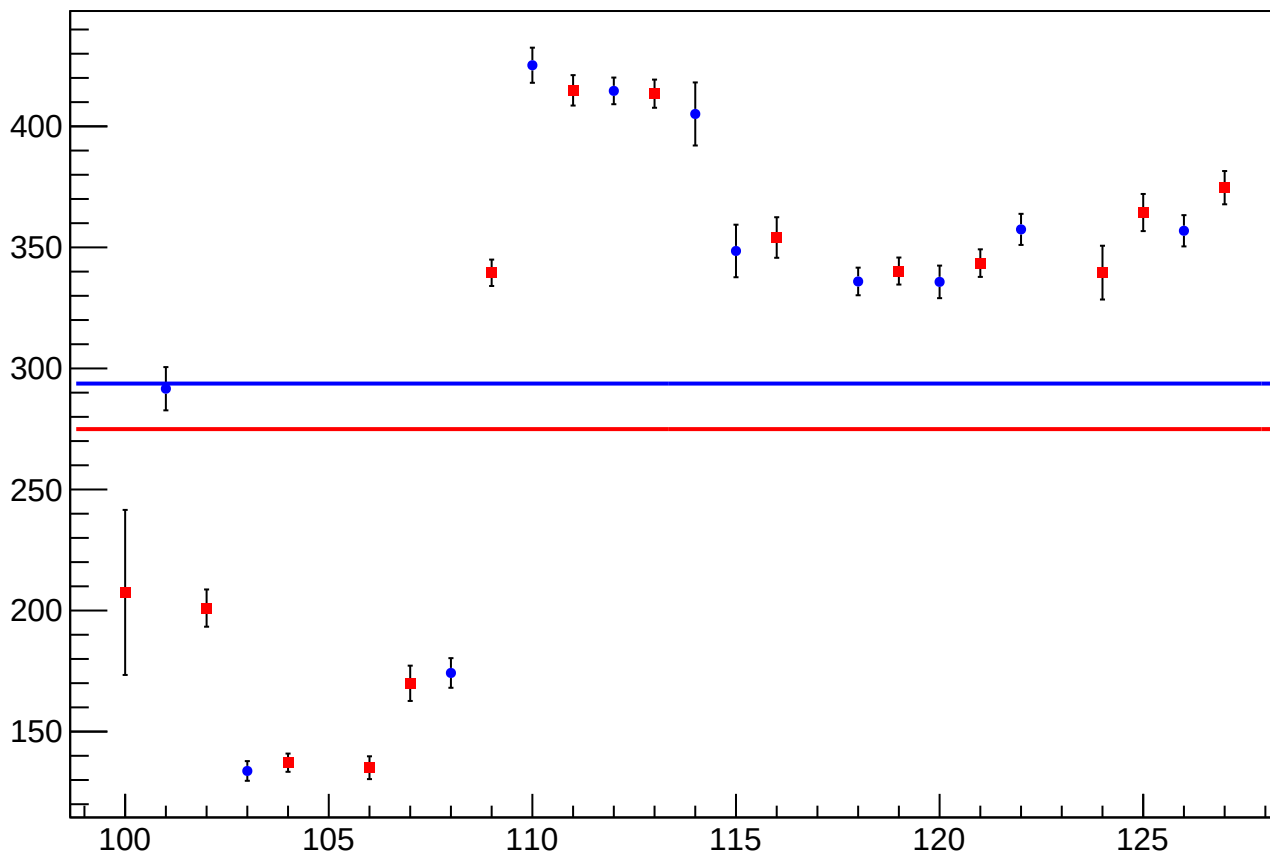
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13.071 $\pm$ 1.156 χ^2 /NDF: 112.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 293.752 $\pm$ 1.935 χ^2 /NDF: 3126.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 274.942 $\pm$ 1.657 χ^2 /NDF: 4479.9/13

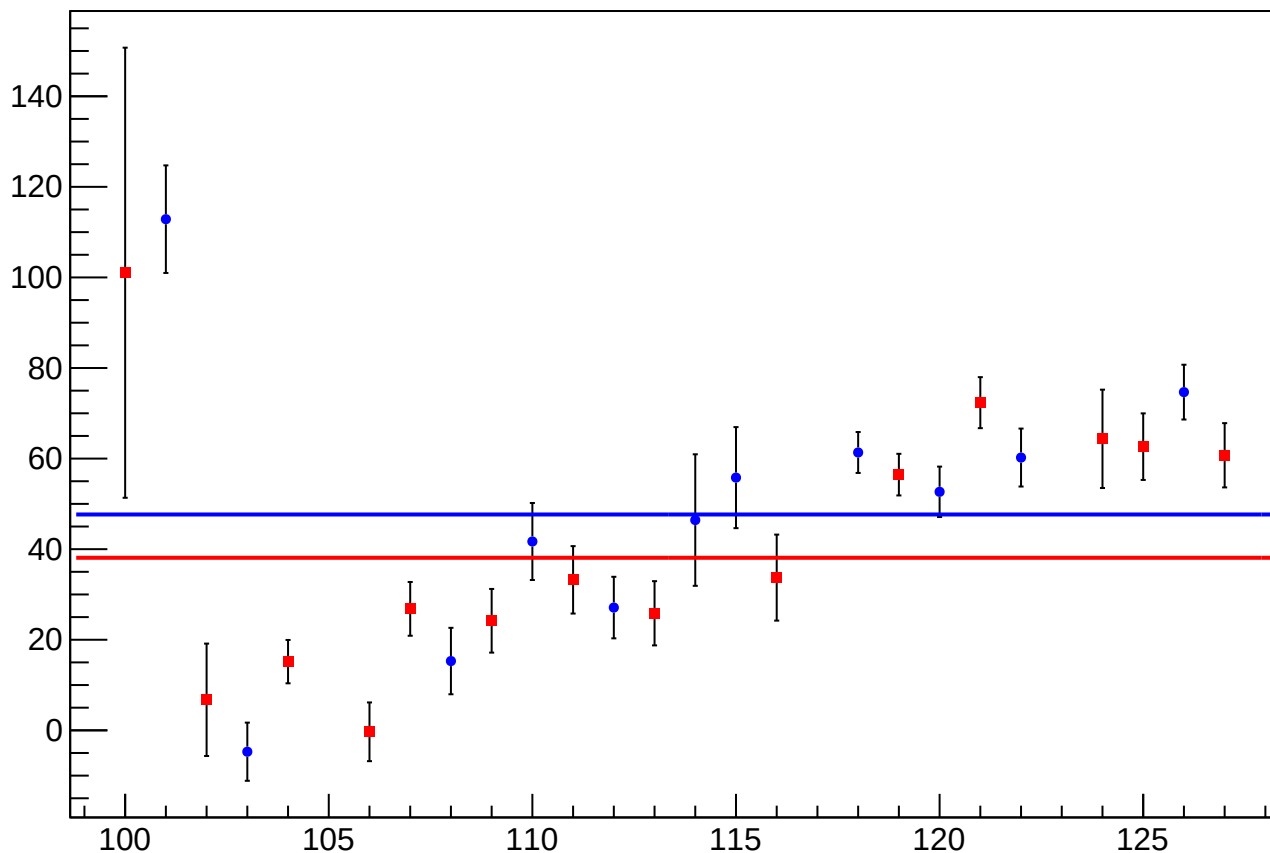
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 282.901 $\pm$ 1.259 χ^2 /NDF: 7661.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 47.660 $\pm$ 2.080 χ^2 /NDF: 160.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 38.101 $\pm$ 1.833 χ^2 /NDF: 157.3/13

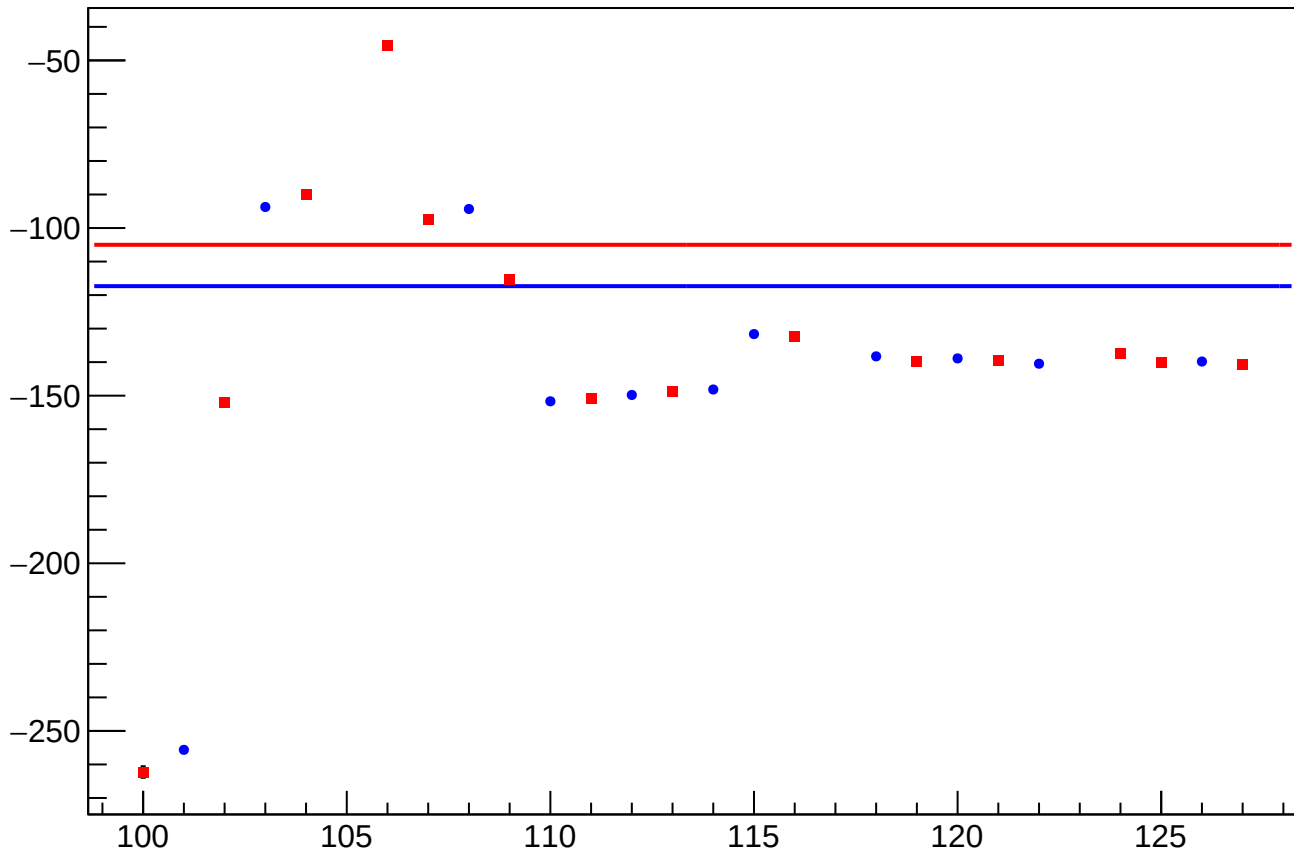
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 42.280 $\pm$ 1.375 χ^2 /NDF: 329.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -117.334 ± 0.111 χ^2/NDF : 113744.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -105.002 ± 0.097 χ^2/NDF : 142344.3/13

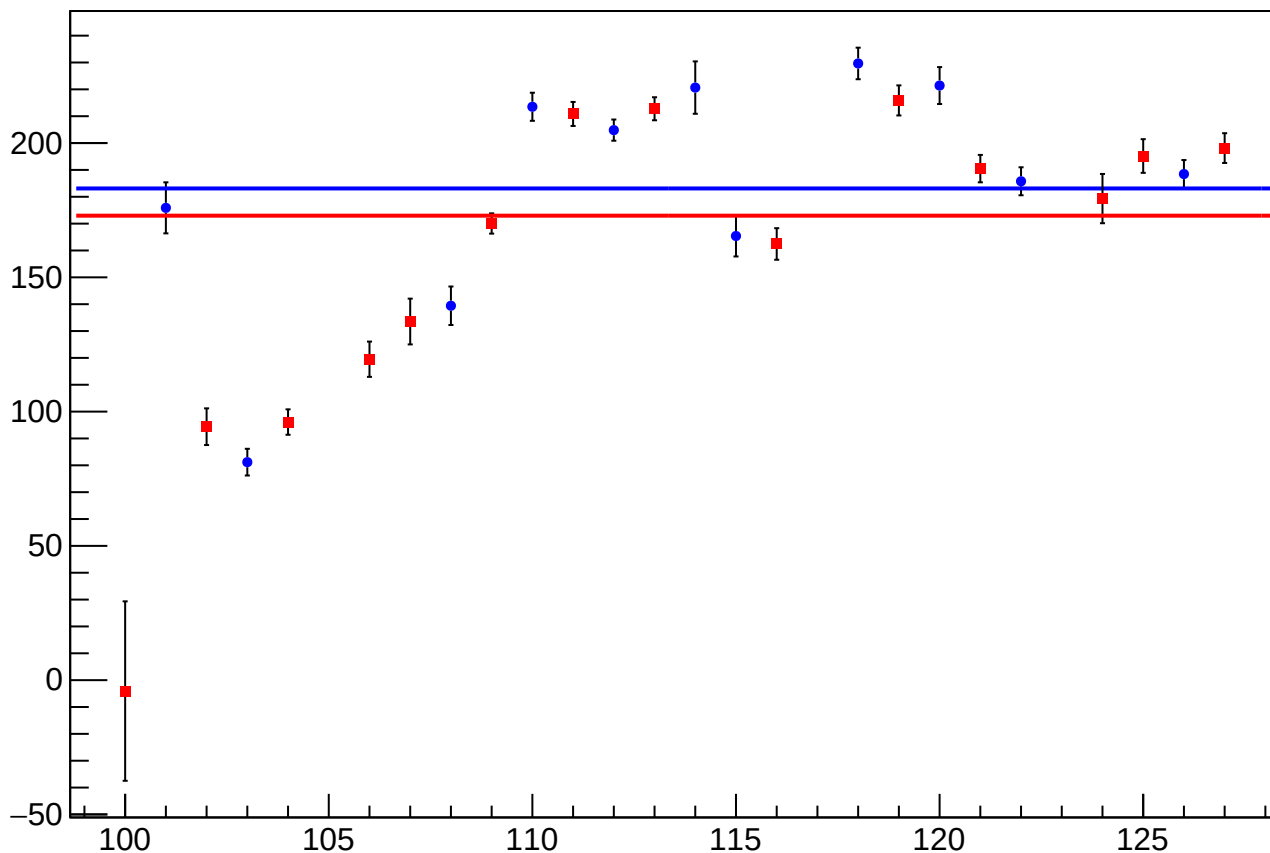
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -110.358 ± 0.073 χ^2/NDF : 263075.9/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



Right In: 183.096+/-1.759 χ^2/NDF : 637.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 172.961+/-1.495 χ^2/NDF : 777.5/13

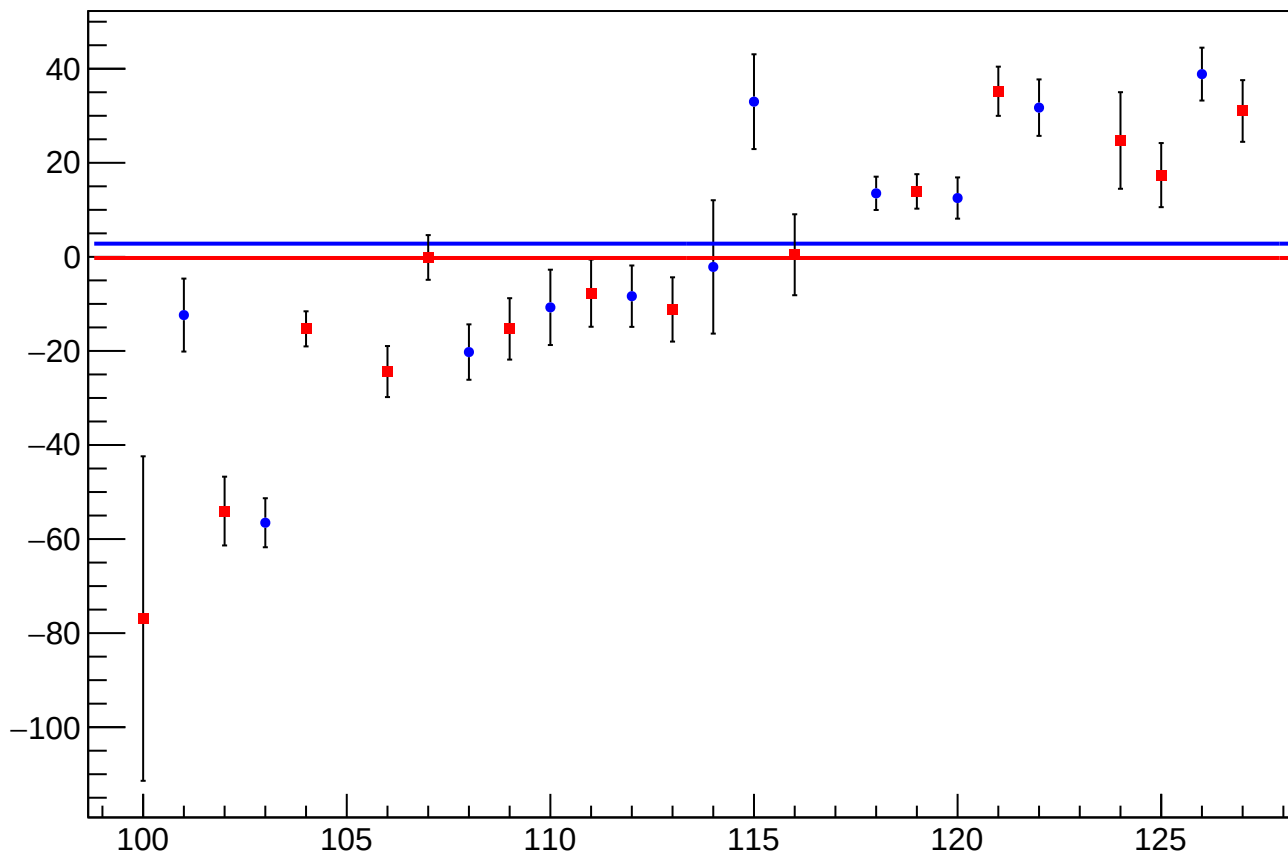
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.211+/-1.139 χ^2/NDF : 1434.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 2.810 ± 1.748 $\chi^2/\text{NDF}: 242.0/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.237 ± 1.556 $\chi^2/\text{NDF}: 200.4/13$

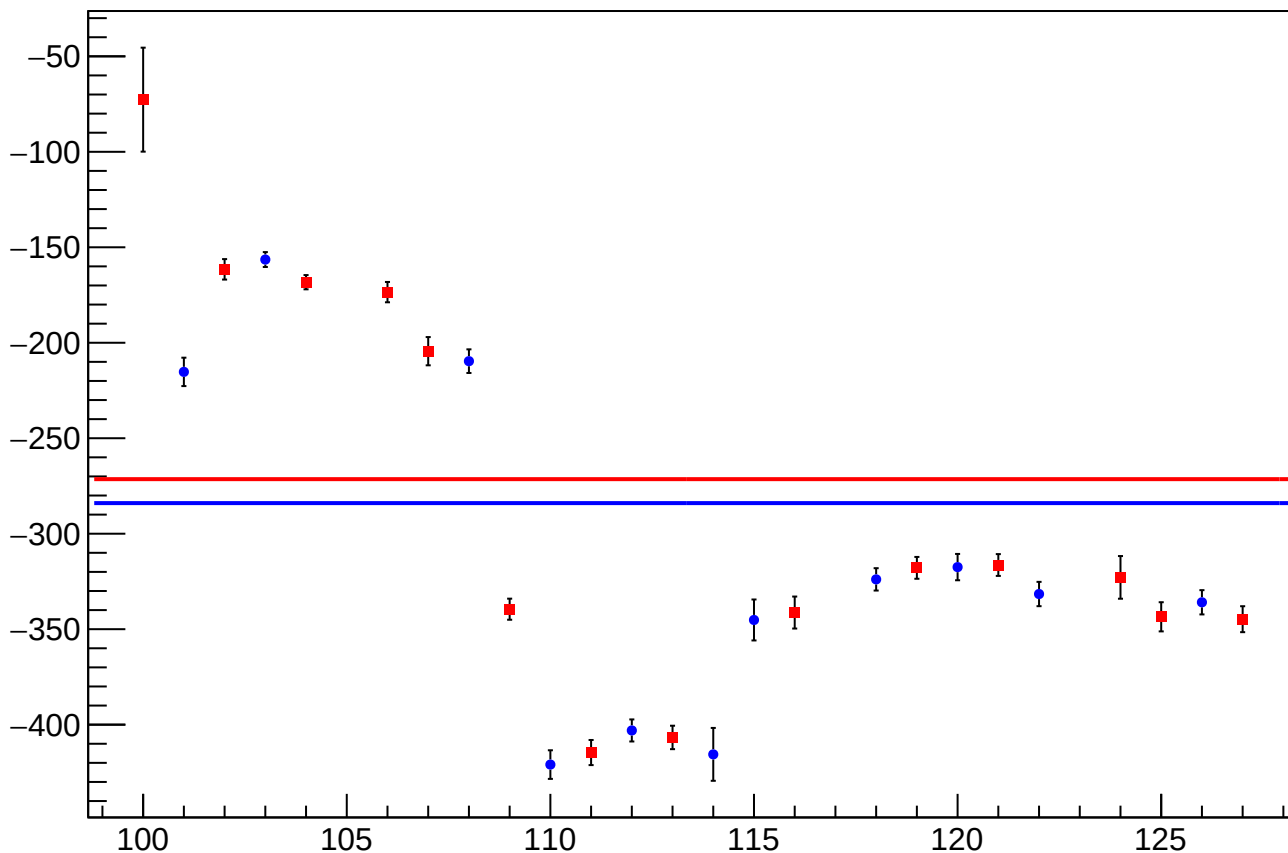
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 1.111 ± 1.162 $\chi^2/\text{NDF}: 444.1/24$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -283.973+/-1.920 χ^2/NDF : 2372.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -271.426+/-1.652 χ^2/NDF : 3193.0/13

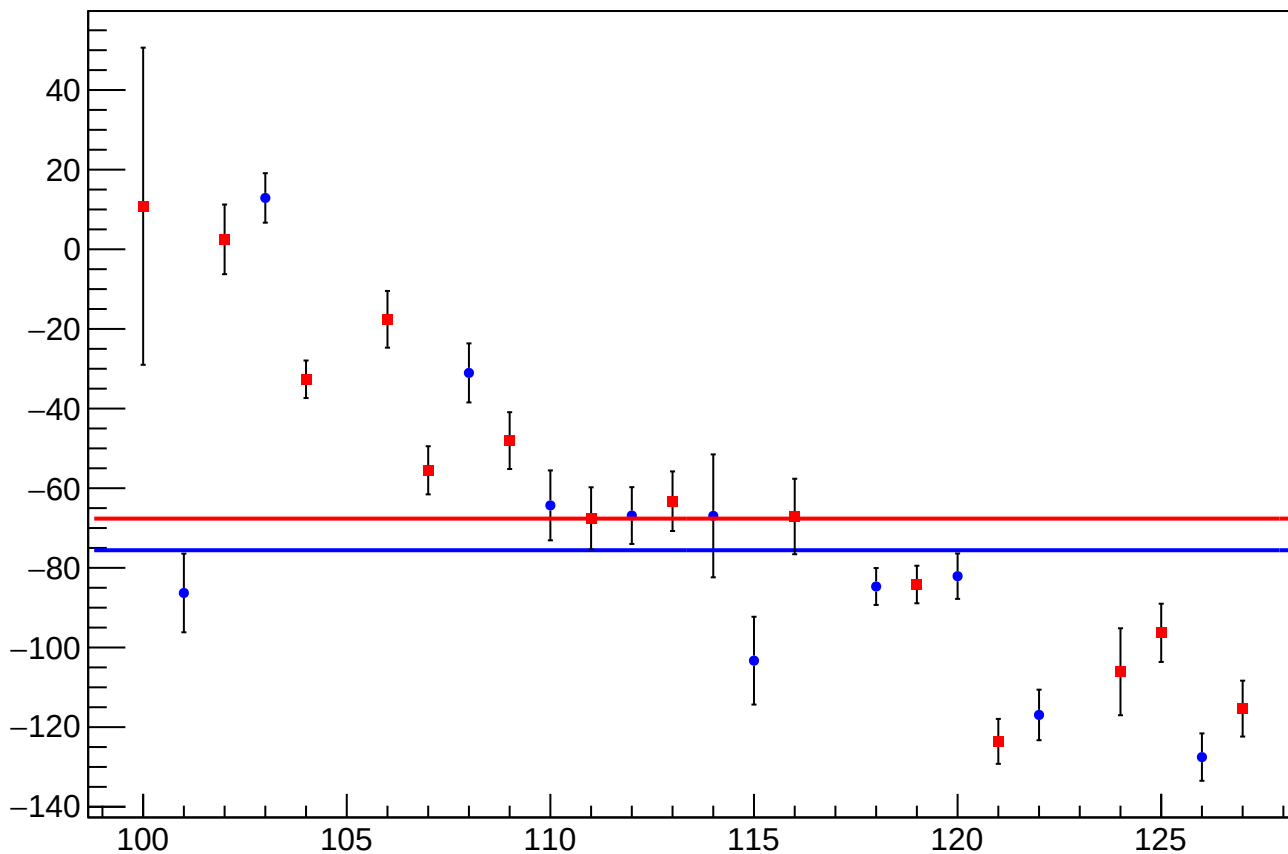
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -276.765+/-1.252 χ^2/NDF : 5589.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -75.576 ± 2.086 χ^2/NDF : 373.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -67.634 ± 1.842 χ^2/NDF : 369.1/13

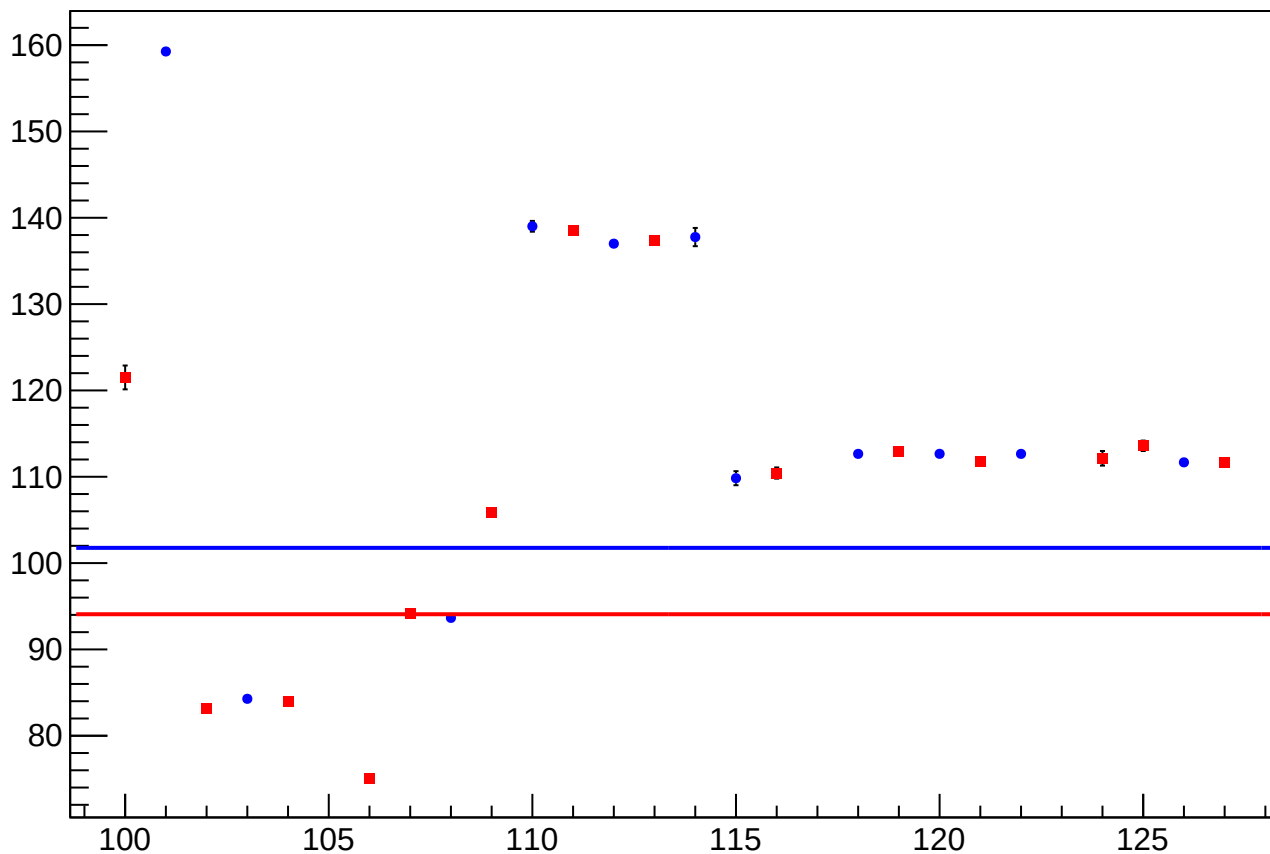
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -71.114 ± 1.381 χ^2/NDF : 751.0/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 101.765+/-0.109 χ^2/NDF : 42314.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.076+/-0.094 χ^2/NDF : 34669.1/13

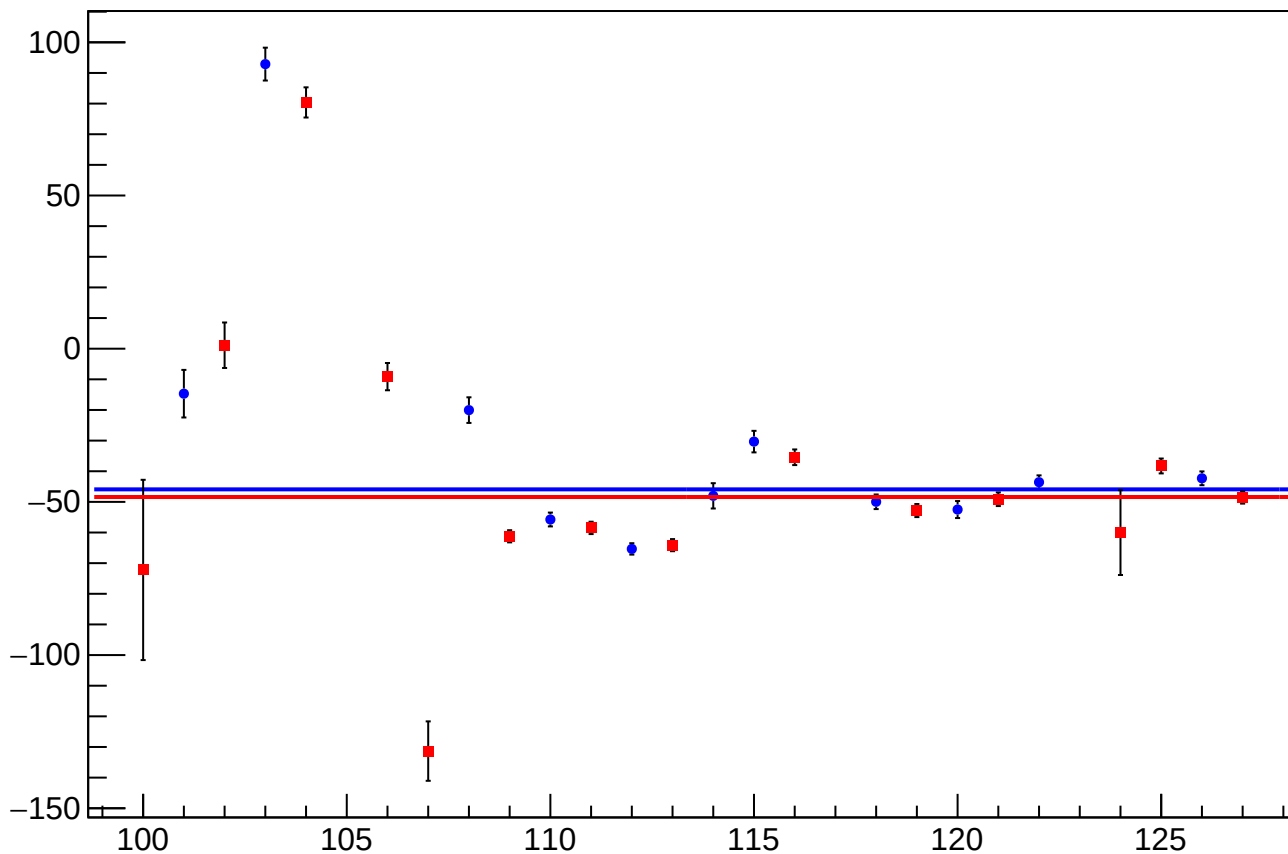
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.385+/-0.071 χ^2/NDF : 79833.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



Right In: -45.913 ± 0.833 χ^2/NDF : 884.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -48.408 ± 0.729 χ^2/NDF : 1059.0/13

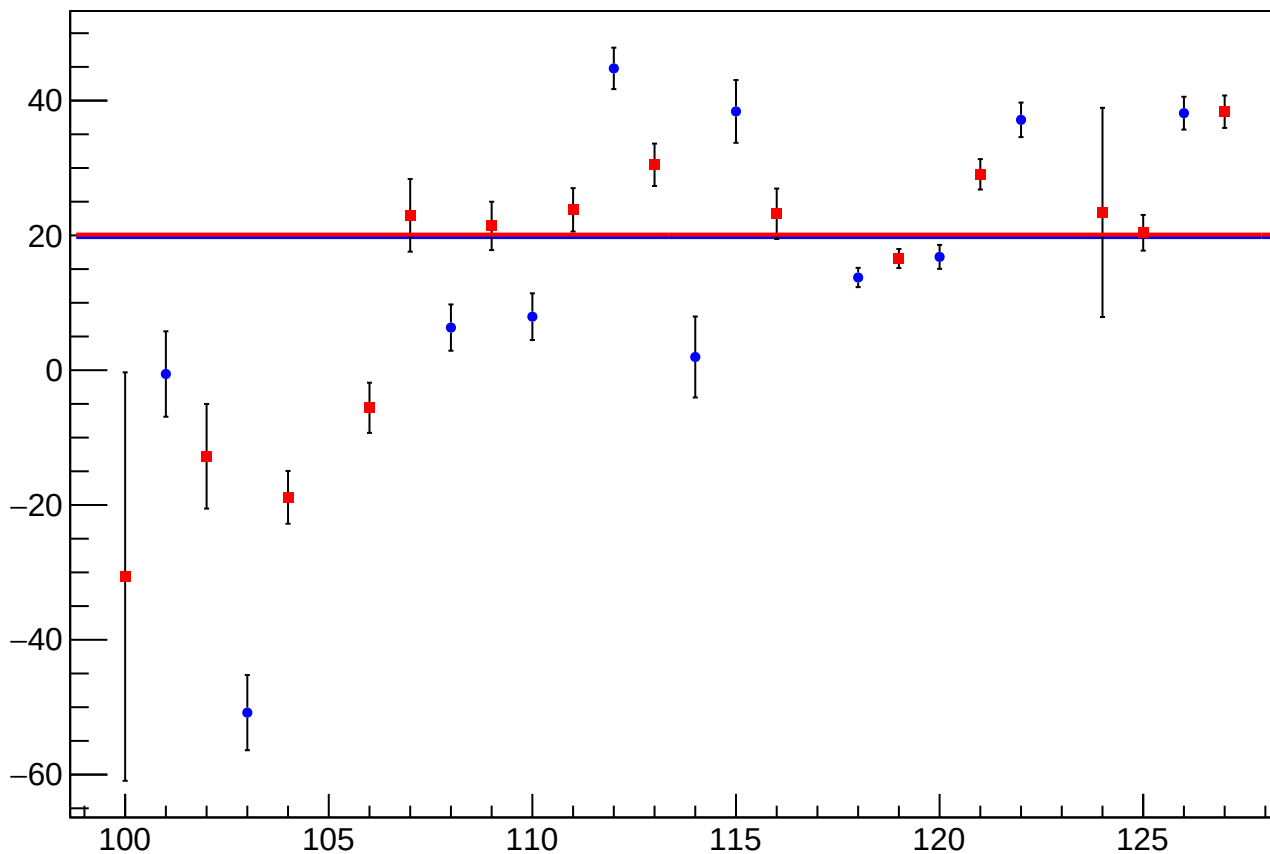
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -47.327 ± 0.549 χ^2/NDF : 1948.8/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 19.751+/-0.808 χ^2 /NDF: 411.8/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 20.120+/-0.802 χ^2 /NDF: 260.5/13

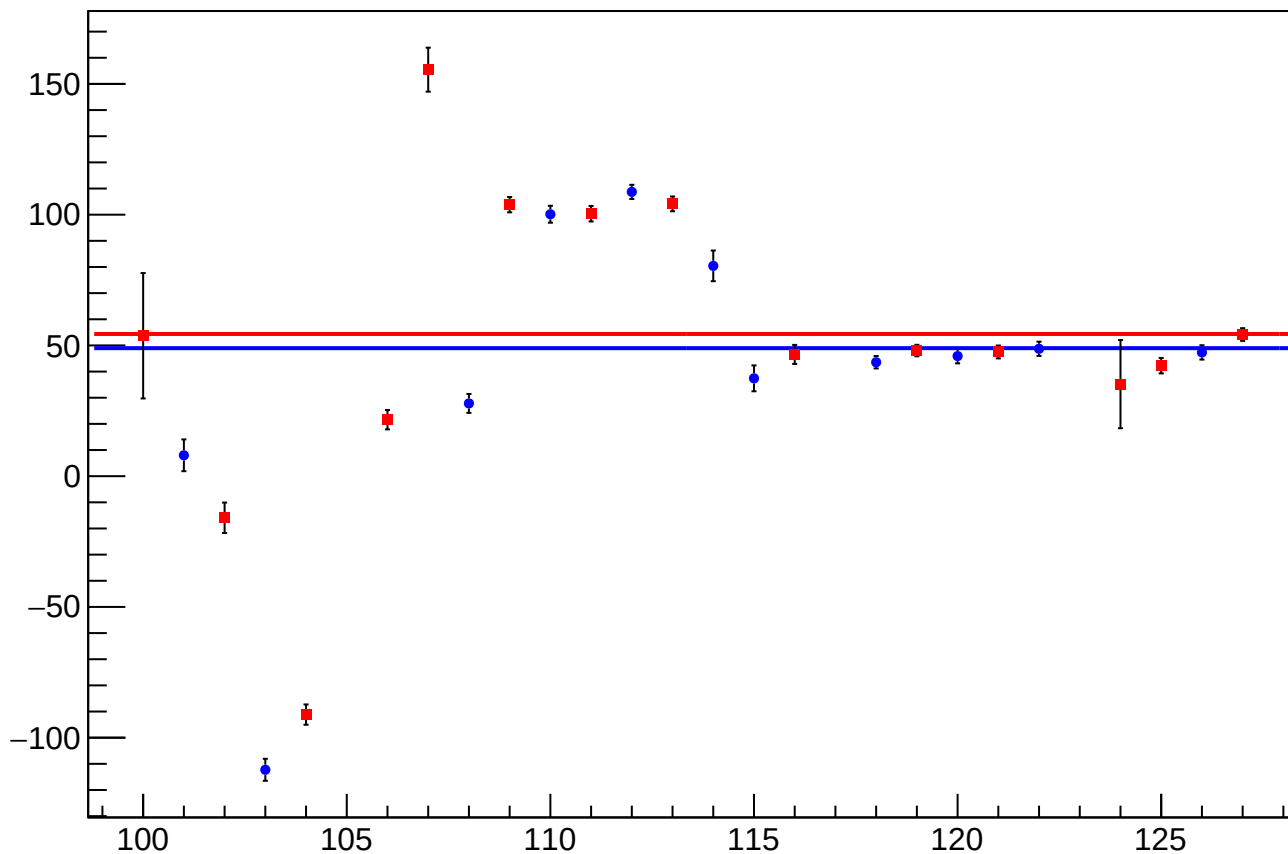
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 19.937+/-0.569 χ^2 /NDF: 672.4/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 48.953+/-0.982 χ^2/NDF : 2323.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.376+/-0.885 χ^2/NDF : 2647.2/13

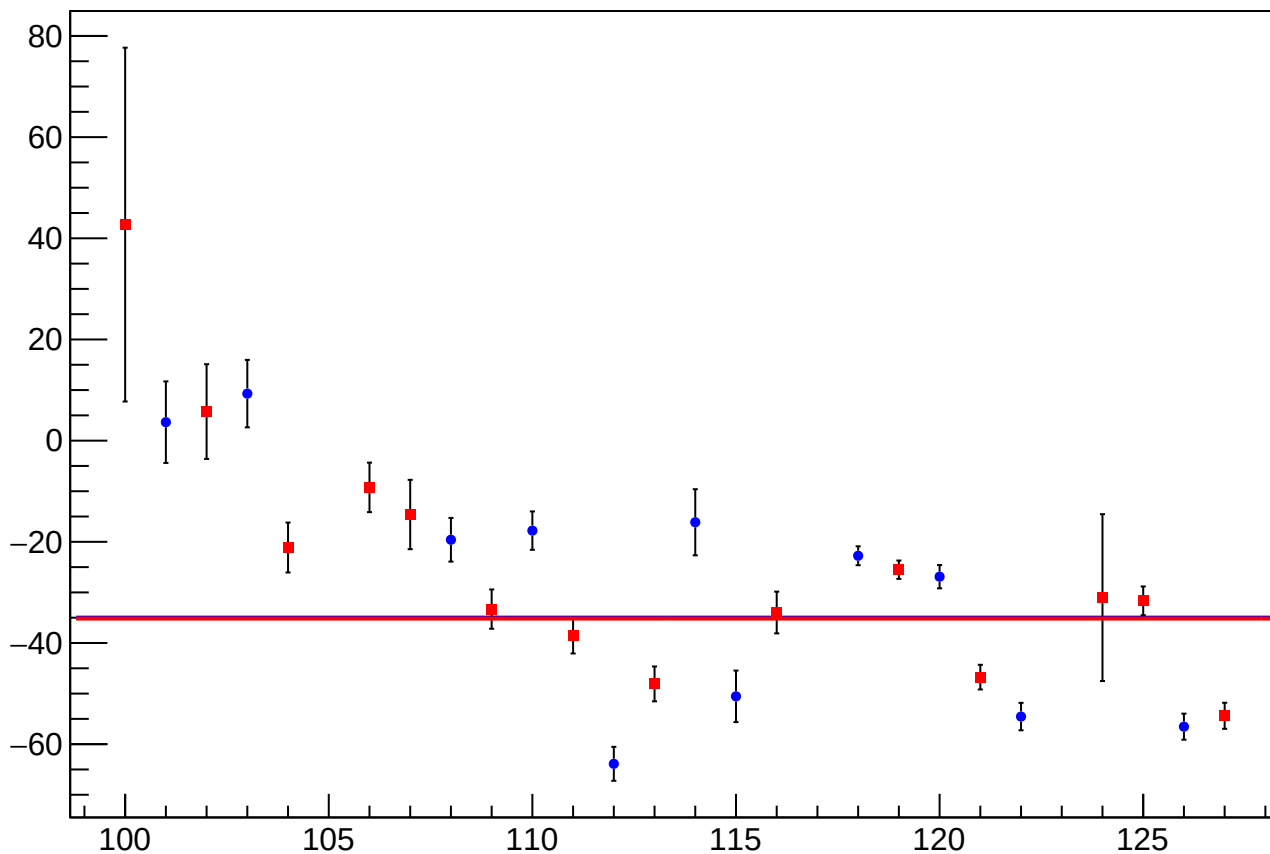
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.947+/-0.658 χ^2/NDF : 4987.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -34.986 ± 0.965 χ^2/NDF : 369.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -35.168 ± 0.930 χ^2/NDF : 192.6/13

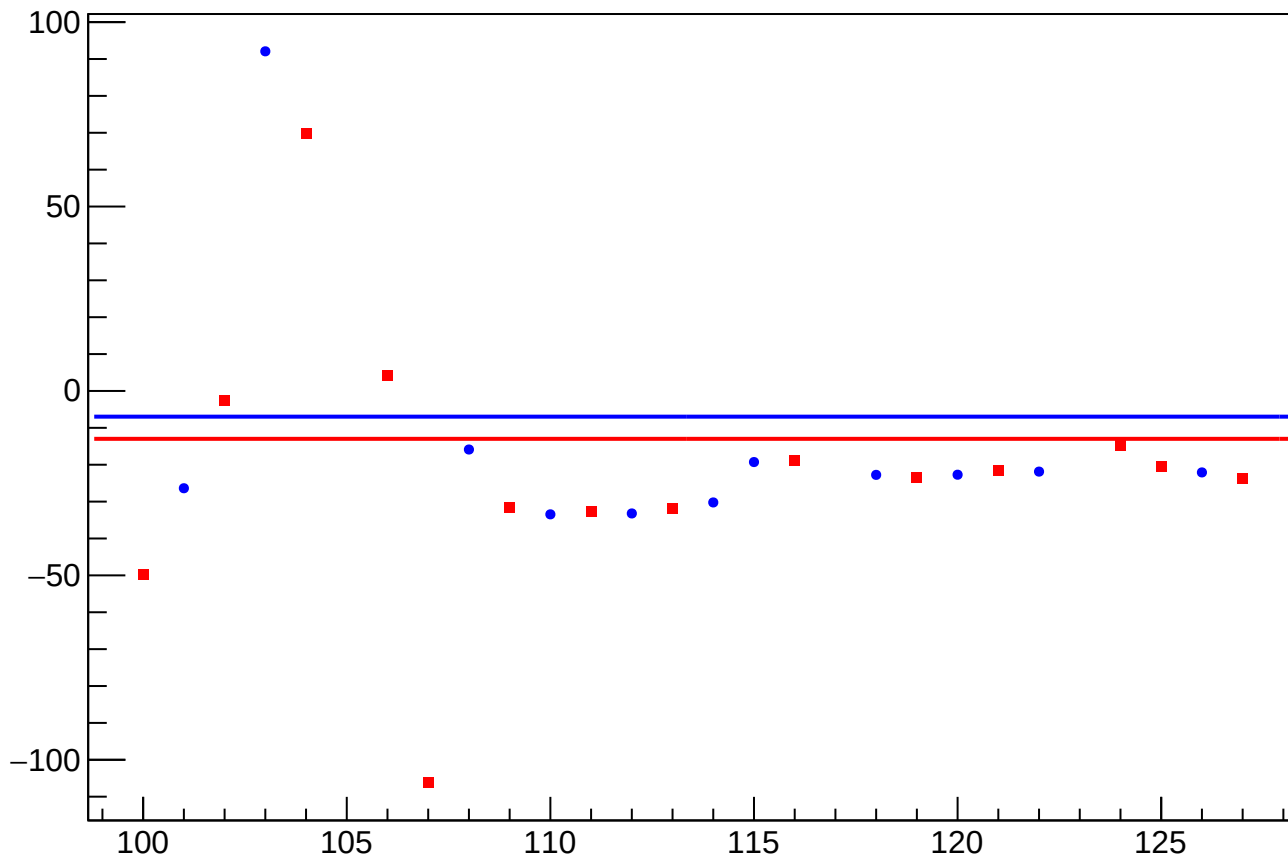
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.080 ± 0.670 χ^2/NDF : 562.0/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -6.967+/-0.066 χ^2/NDF : 372685.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.981+/-0.061 χ^2/NDF : 314737.3/13

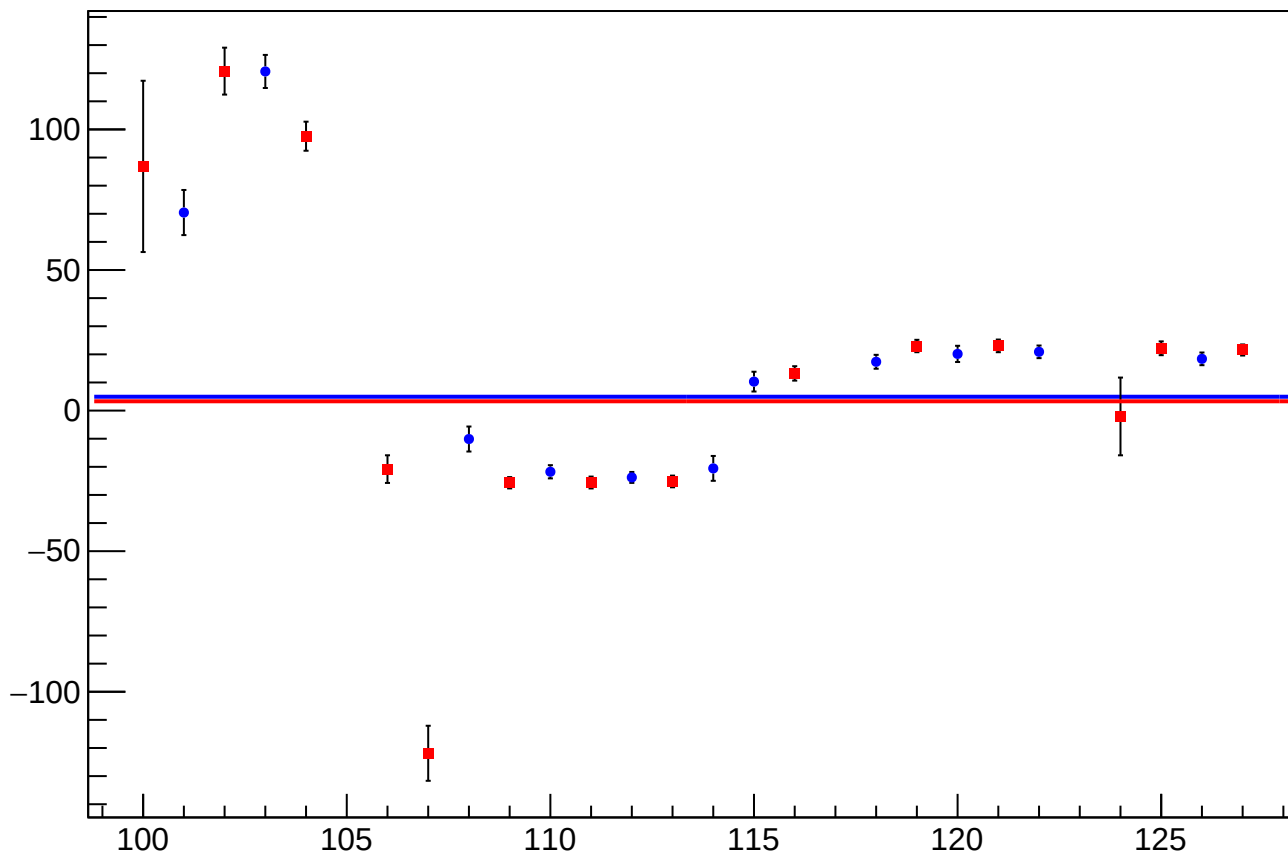
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.194+/-0.045 χ^2/NDF : 691873.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



Right In: 4.928 $\pm$ 0.860 χ^2 /NDF: 986.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.311 $\pm$ 0.747 χ^2 /NDF: 1624.1/13

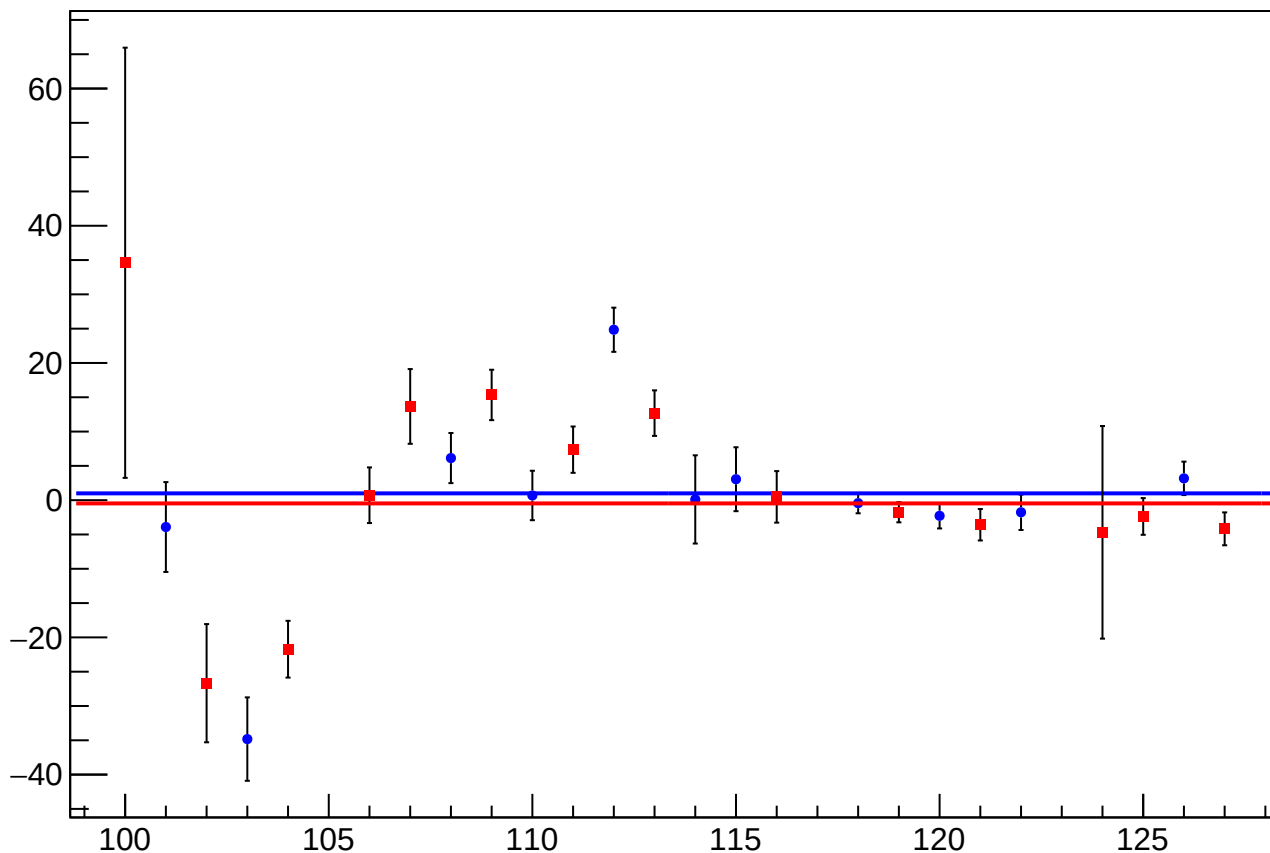
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.006 $\pm$ 0.564 χ^2 /NDF: 2612.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: 0.994 ± 0.834 $\chi^2/\text{NDF}: 98.3/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.473 ± 0.827 $\chi^2/\text{NDF}: 89.0/13$

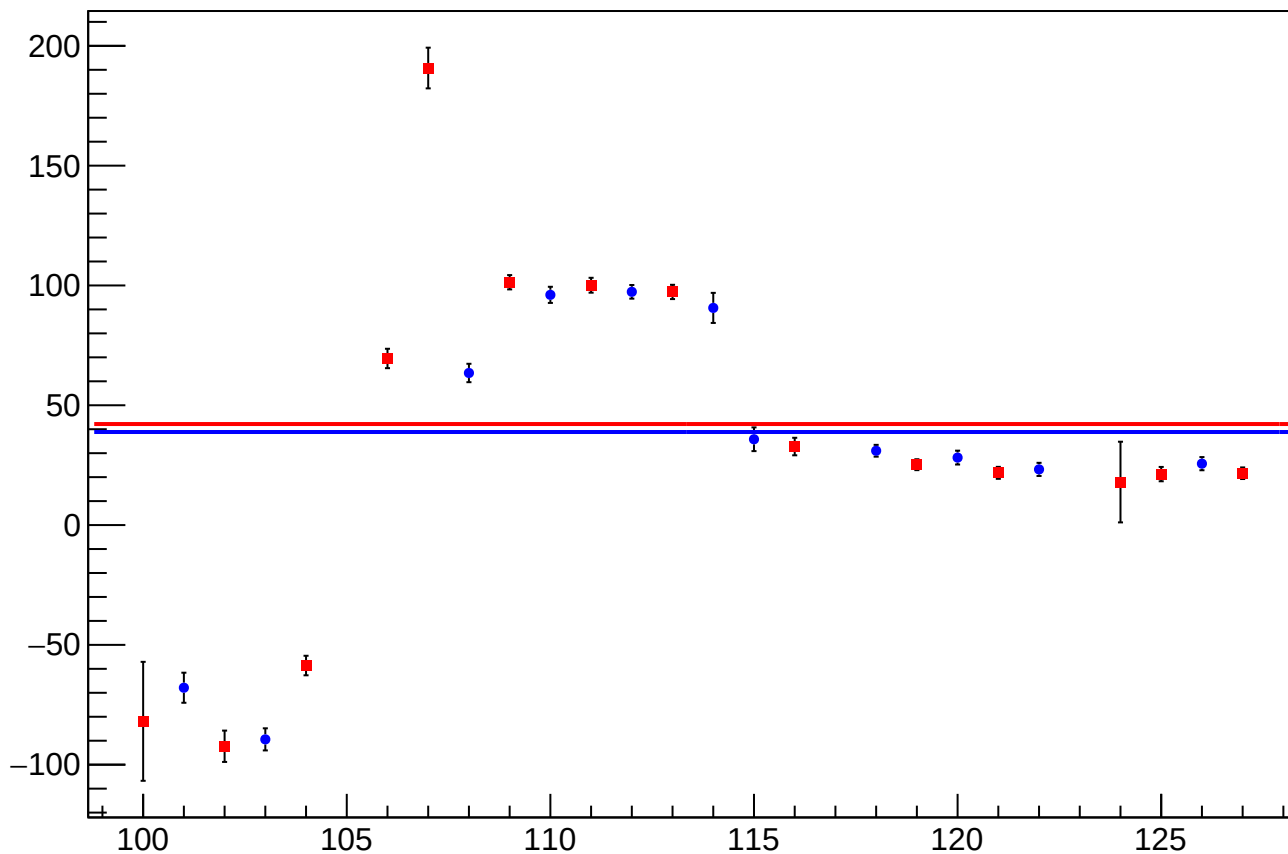
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.254 ± 0.587 $\chi^2/\text{NDF}: 188.9/24$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 38.838+/-1.017 χ^2 /NDF: 1962.0/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 42.165+/-0.912 χ^2 /NDF: 2745.3/13

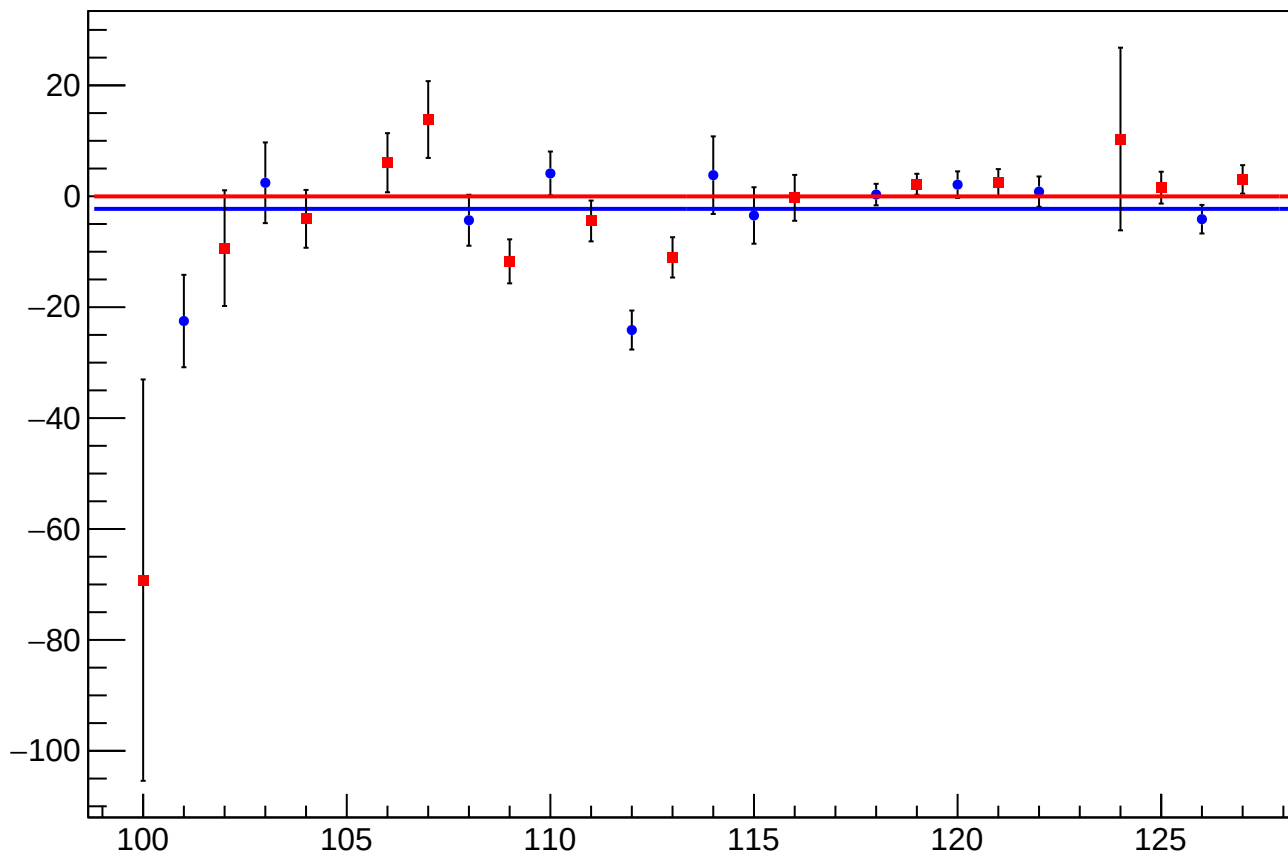
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 40.682+/-0.679 χ^2 /NDF: 4713.2/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -2.269 ± 0.995 χ^2/NDF : 55.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.022 ± 0.956 χ^2/NDF : 34.1/13

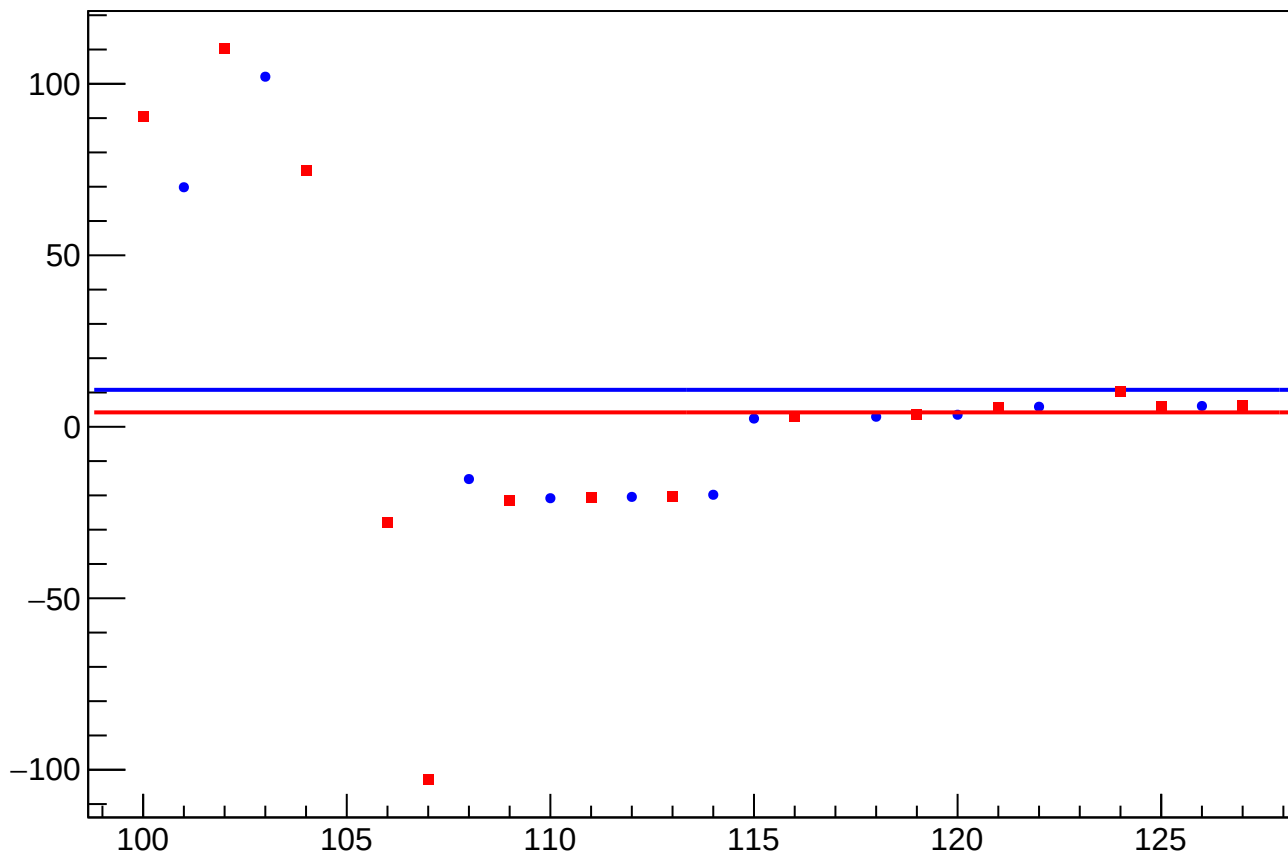
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.100 ± 0.689 χ^2/NDF : 92.2/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 10.777+/-0.069 χ^2/NDF : 315250.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.202+/-0.064 χ^2/NDF : 434386.2/13

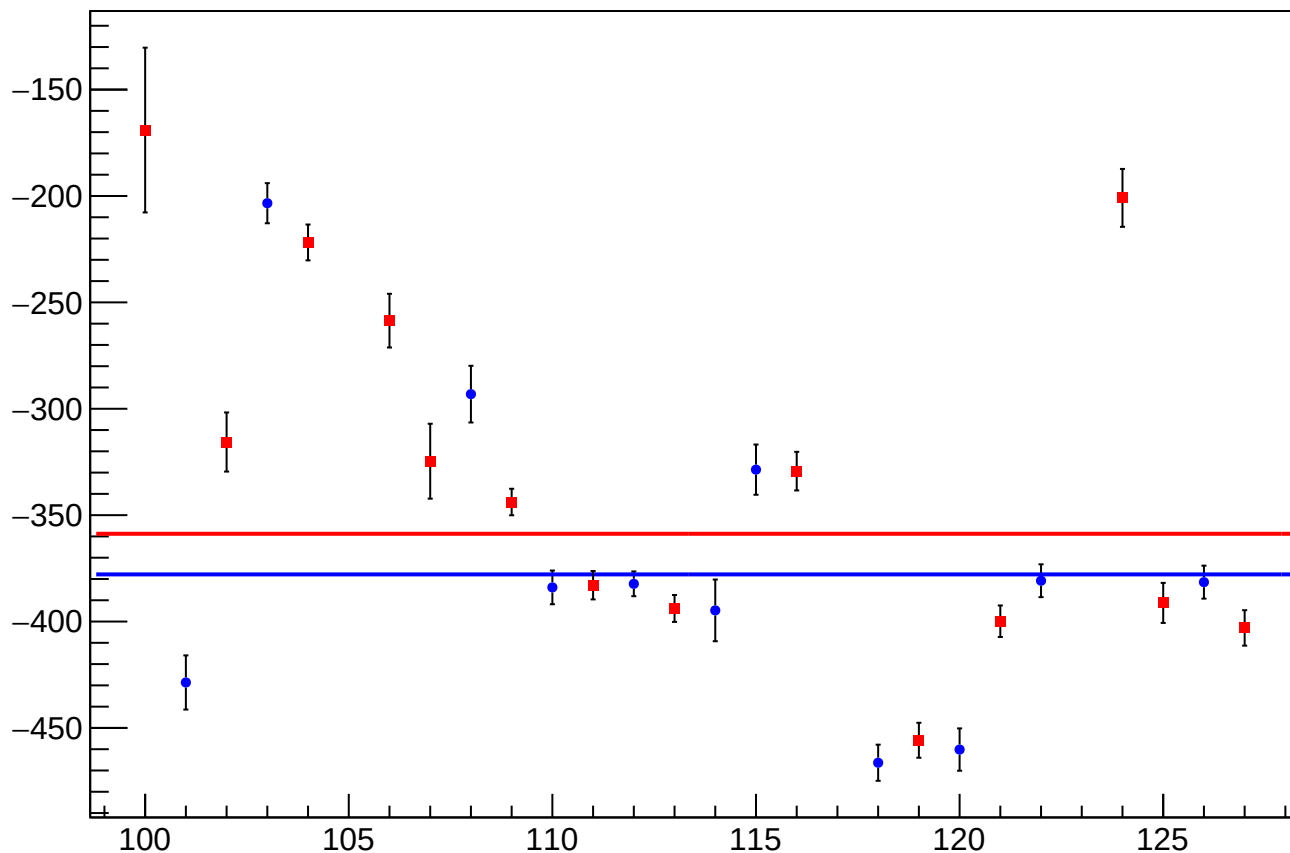
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.239+/-0.047 χ^2/NDF : 754519.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



Right In: -377.843+/-2.694 χ^2/NDF : 596.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -358.755+/-2.363 χ^2/NDF : 769.9/13

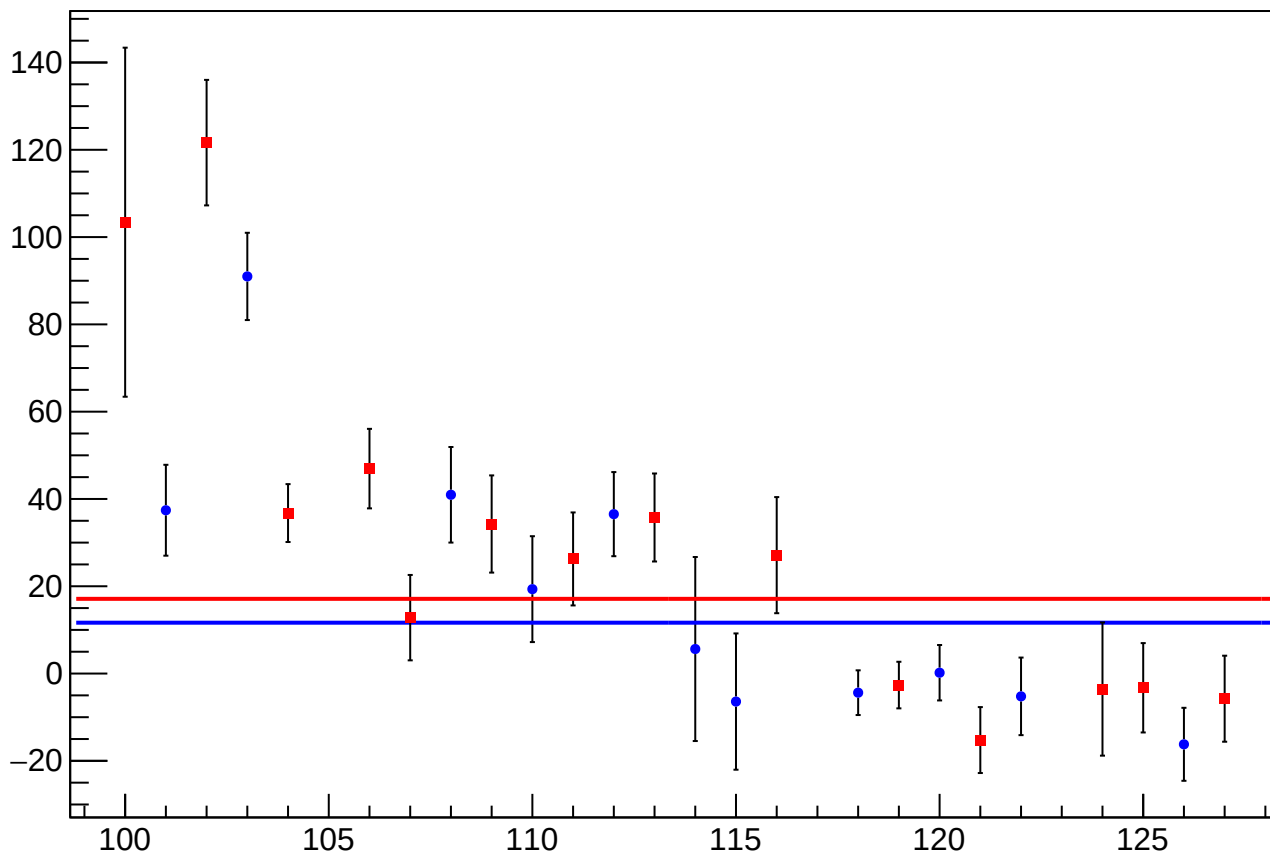
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -367.058+/-1.777 χ^2/NDF : 1394.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: 11.652 $\pm$ 2.659 χ^2 /NDF: 112.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.117 $\pm$ 2.501 χ^2 /NDF: 127.5/13

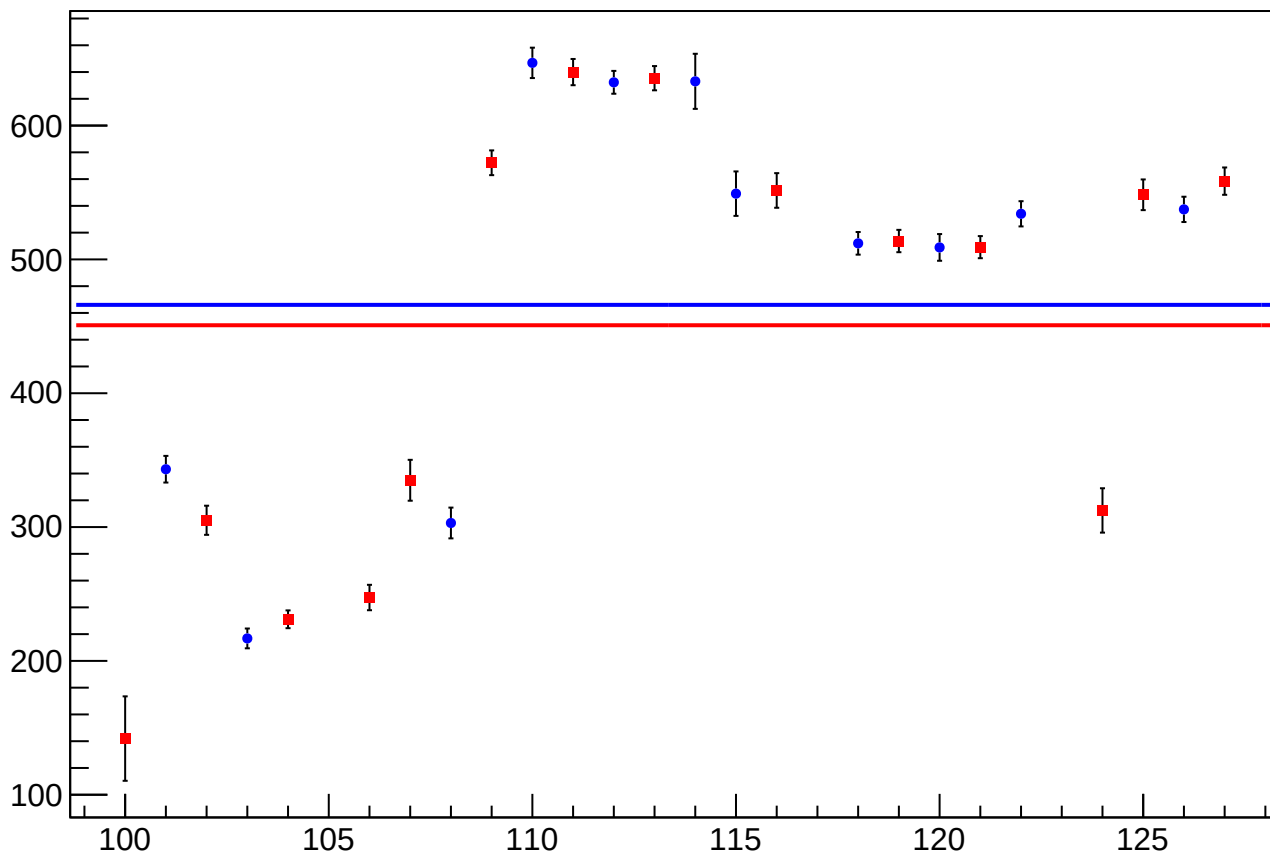
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14.552 $\pm$ 1.822 χ^2 /NDF: 242.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 466.032 $\pm$ 3.017 χ^2 /NDF: 2369.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 450.803 $\pm$ 2.696 χ^2 /NDF: 3266.3/13

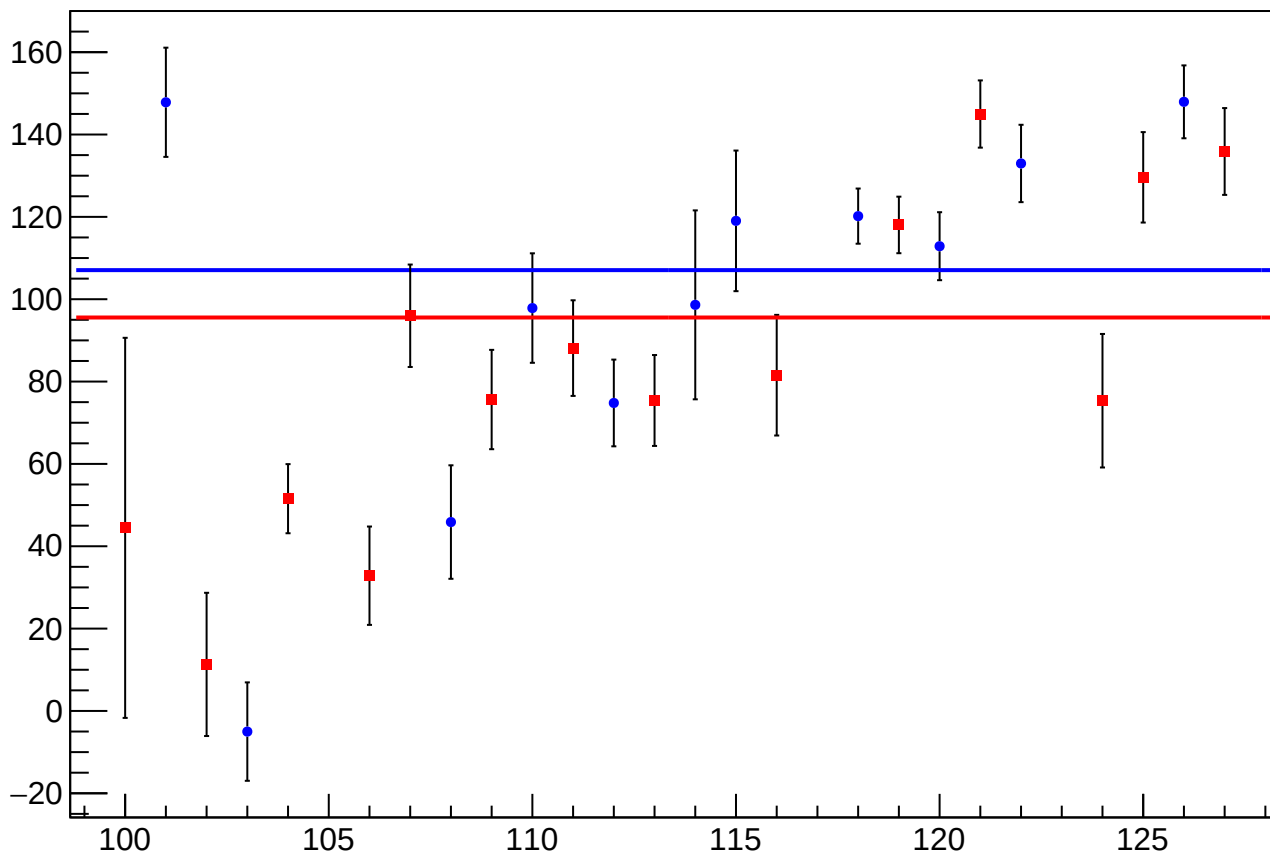
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 457.565 $\pm$ 2.010 χ^2 /NDF: 5649.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 107.064 $\pm$ 3.178 χ^2 /NDF: 160.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 95.558 $\pm$ 2.938 χ^2 /NDF: 160.3/13

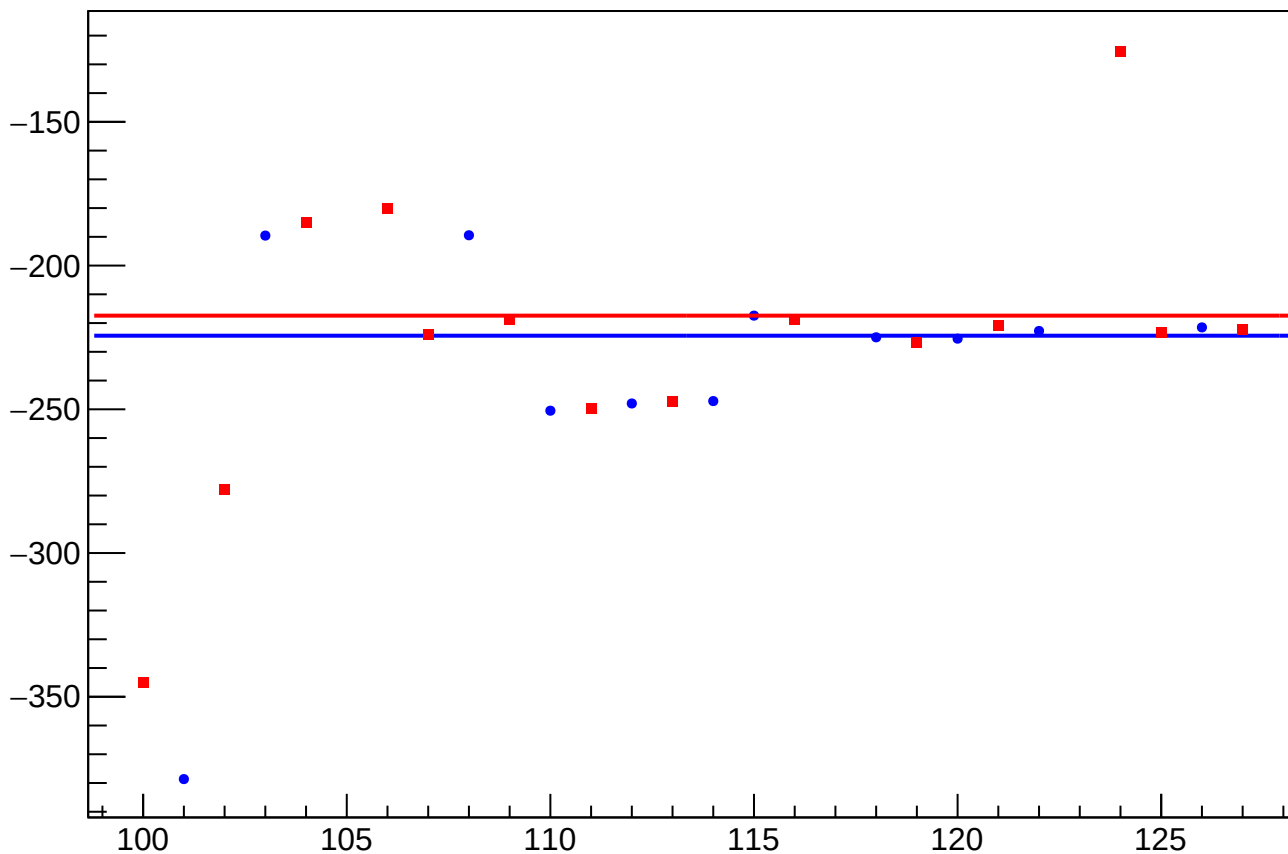
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 100.859 $\pm$ 2.157 χ^2 /NDF: 328.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -224.393+/-0.183 χ^2/NDF : 87624.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -217.415+/-0.167 χ^2/NDF : 47384.8/13

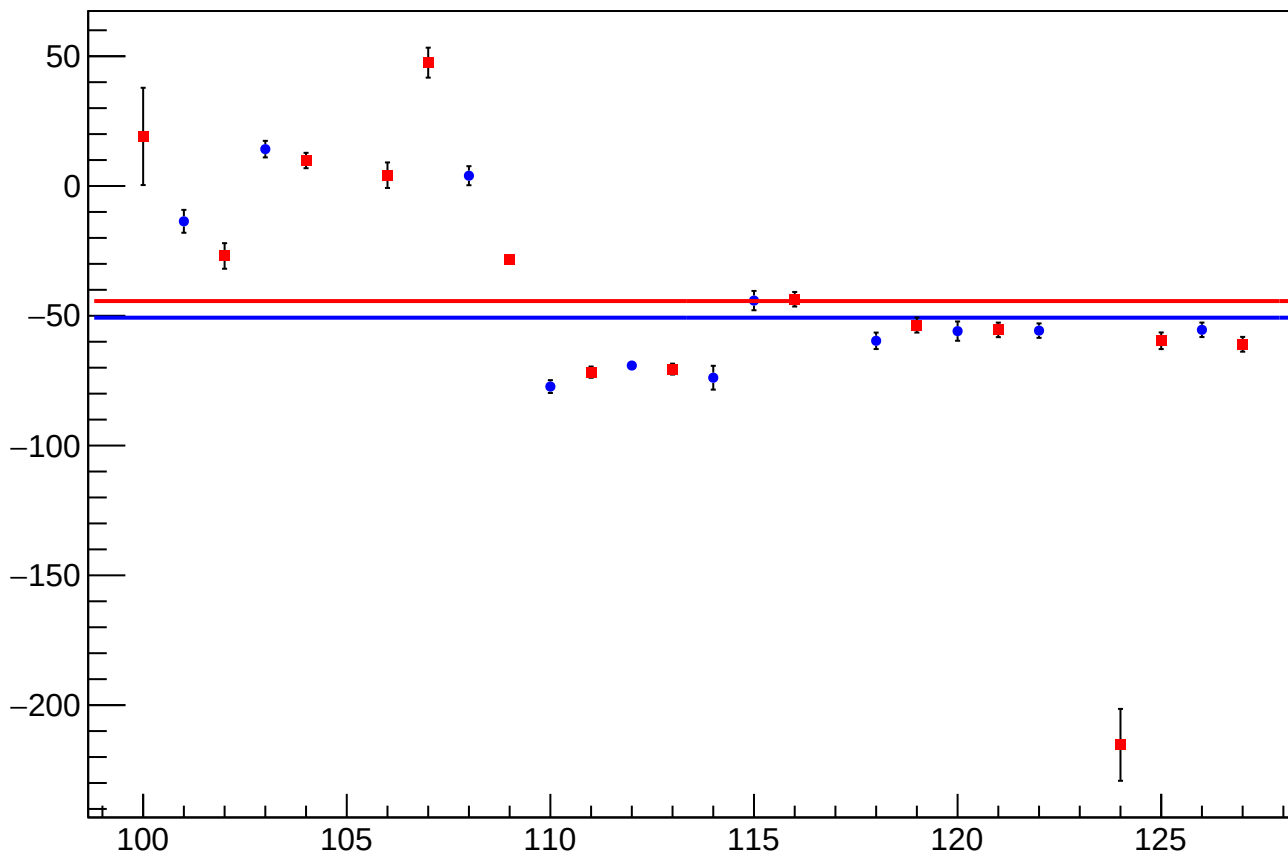
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -220.590+/-0.124 χ^2/NDF : 135798.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



Right In: -50.733 ± 0.912 χ^2/NDF : 956.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -44.329 ± 0.768 χ^2/NDF : 1368.5/13

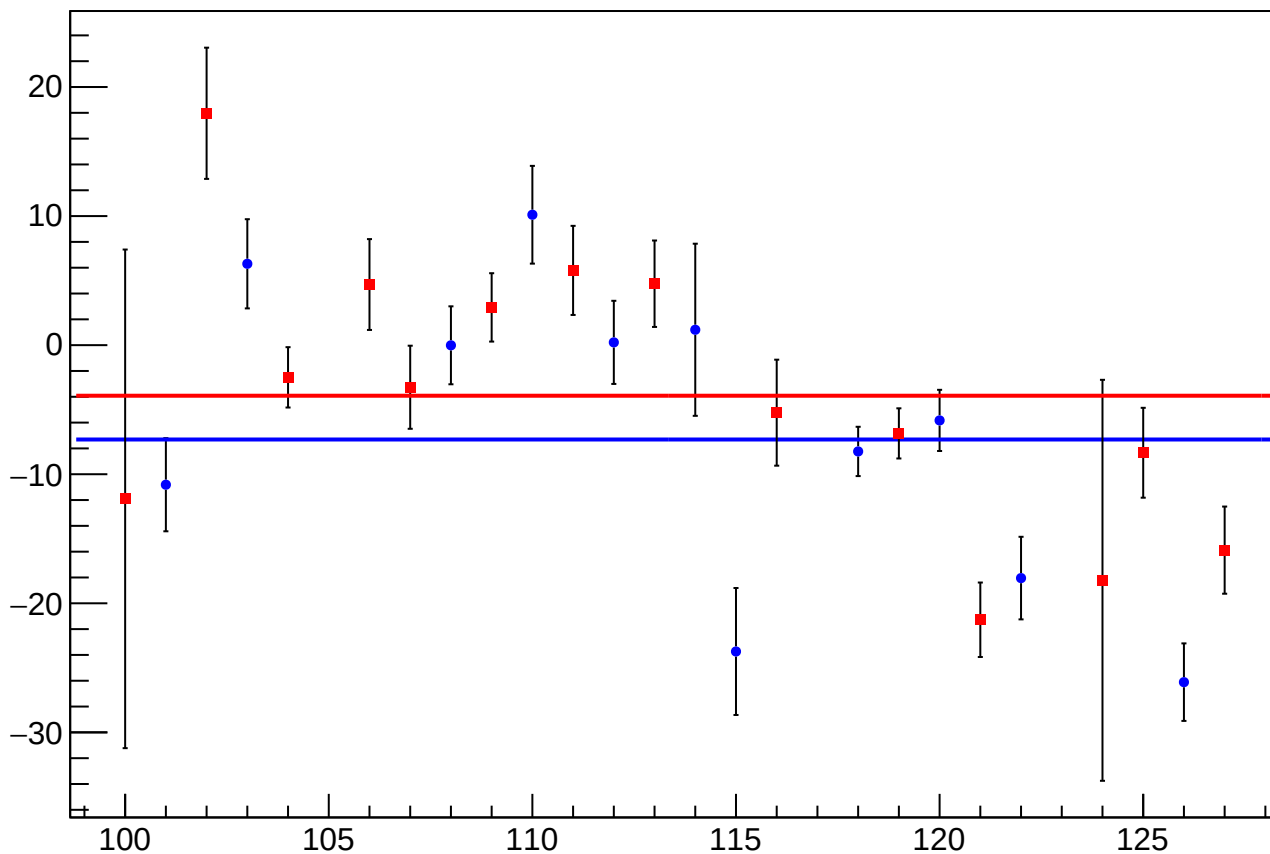
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -46.984 ± 0.587 χ^2/NDF : 2354.1/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -7.310 ± 0.928 $\chi^2/\text{NDF}: 112.8/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -3.918 ± 0.865 $\chi^2/\text{NDF}: 100.0/13$

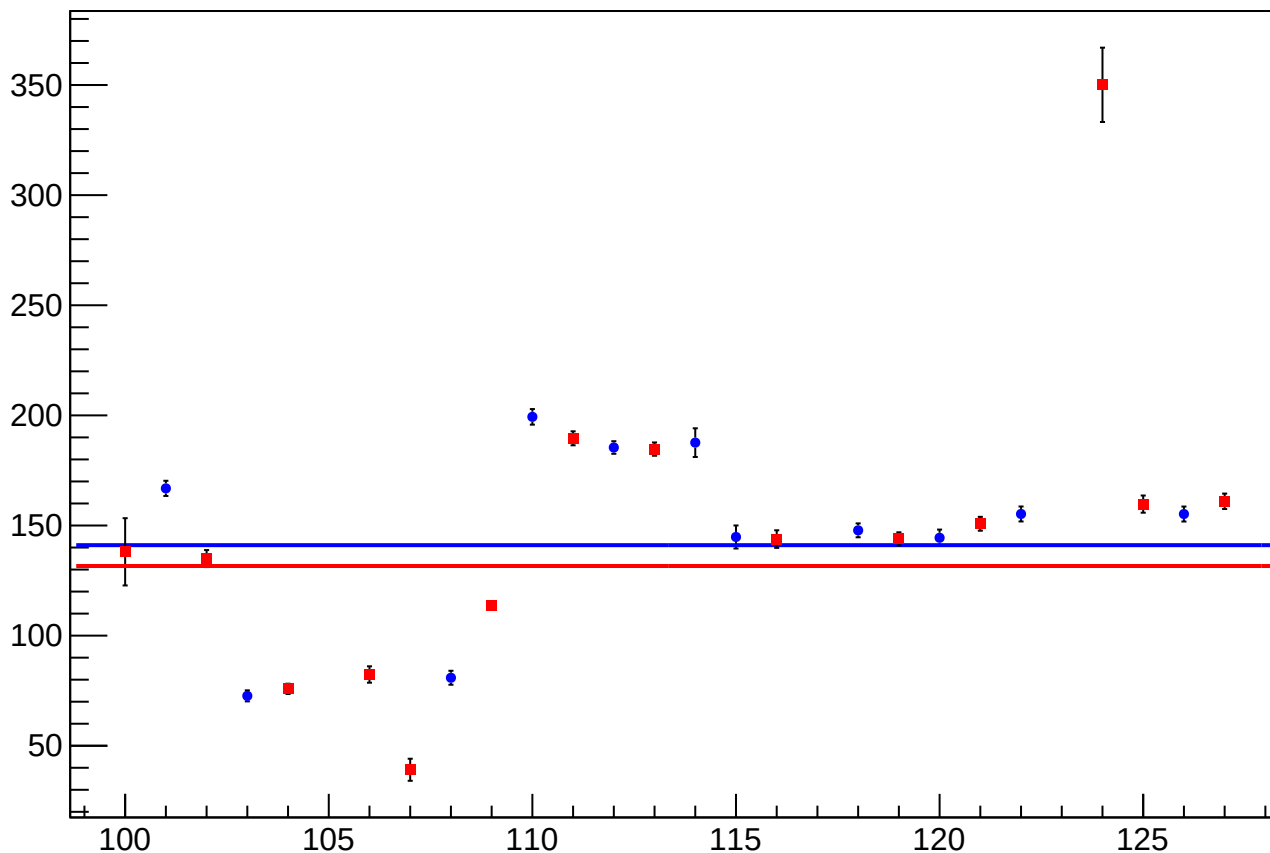
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -5.495 ± 0.633 $\chi^2/\text{NDF}: 219.9/24$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 141.074+/-1.025 χ^2/NDF : 1767.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 131.614+/-0.914 χ^2/NDF : 2148.3/13

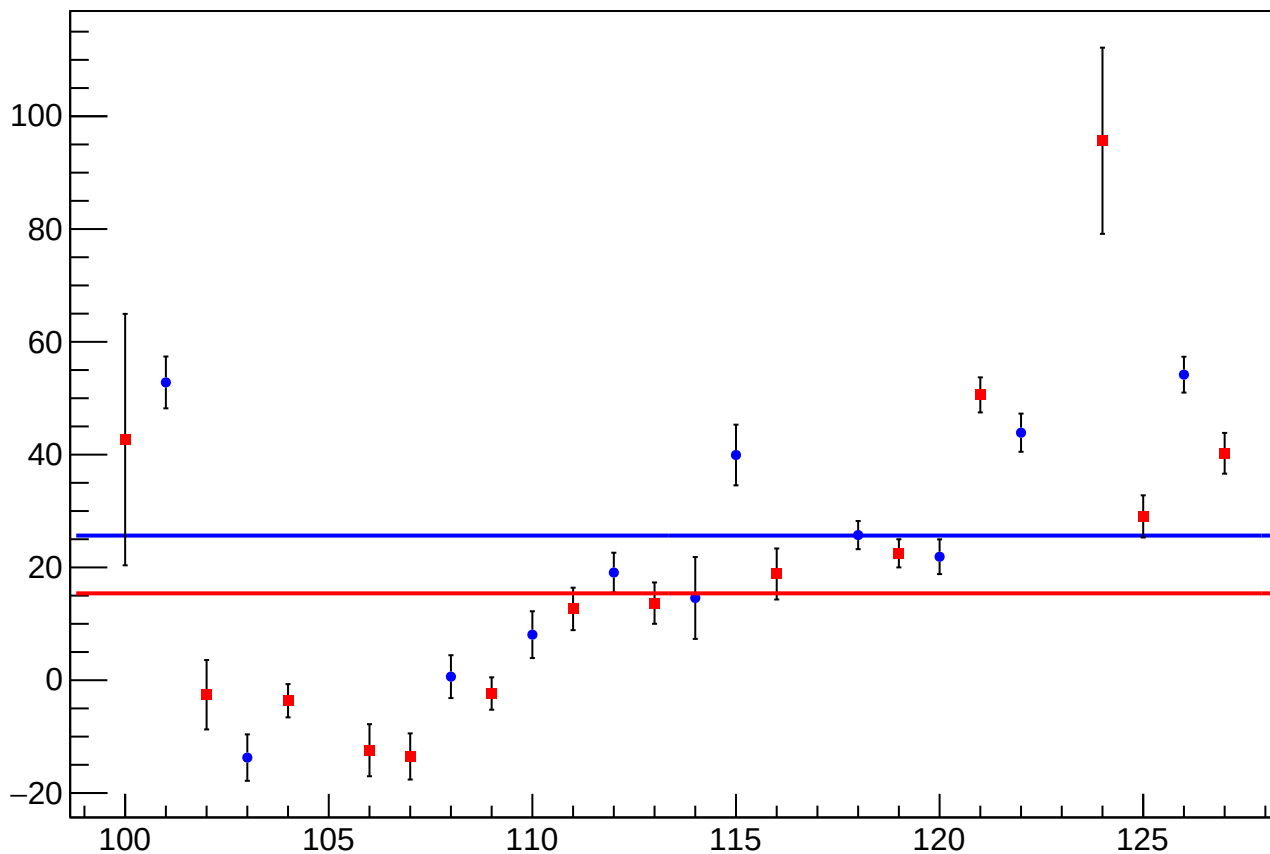
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.806+/-0.682 χ^2/NDF : 3963.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 25.649 $\pm$ 1.104 χ^2 /NDF: 311.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 15.404 $\pm$ 1.009 χ^2 /NDF: 398.0/13

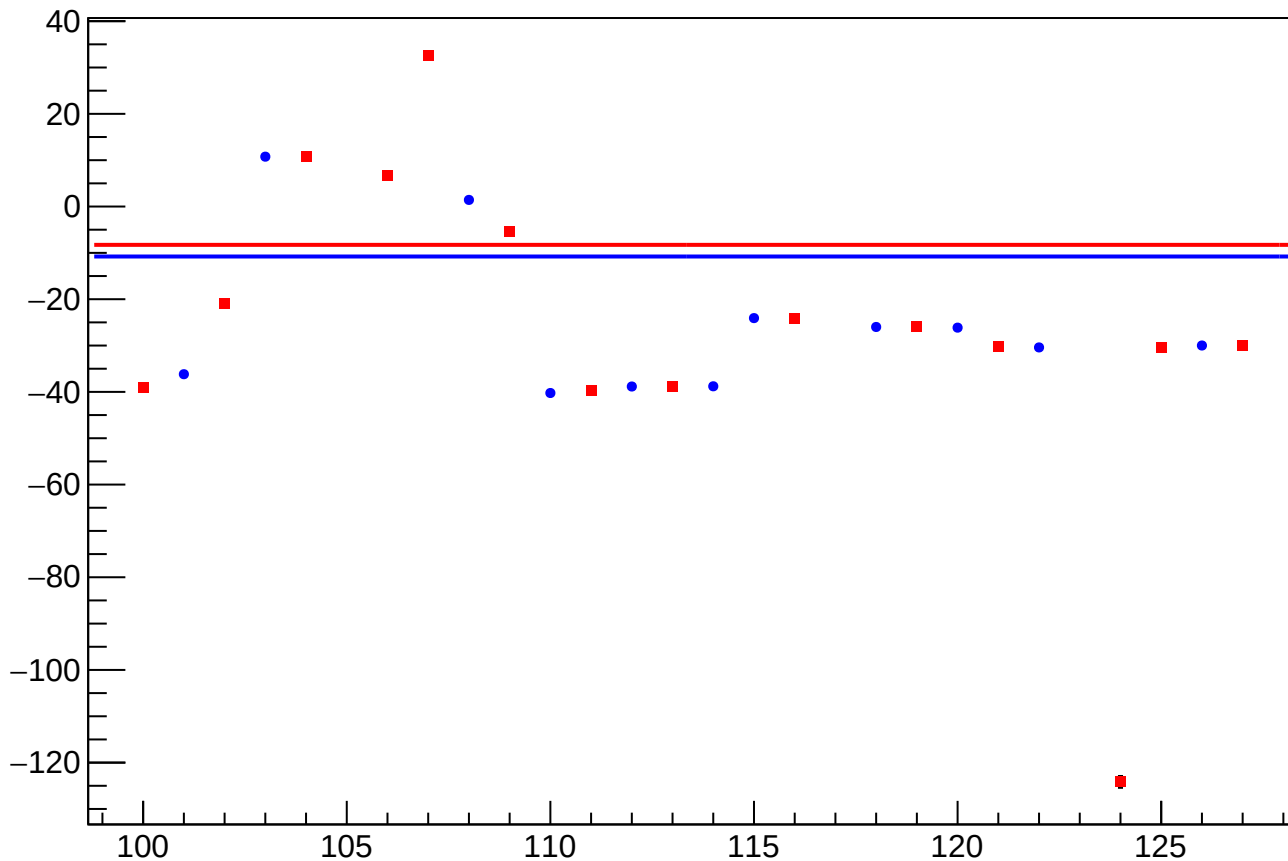
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.067 $\pm$ 0.745 χ^2 /NDF: 756.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -10.784+/-0.060 χ^2/NDF : 114226.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.271+/-0.057 χ^2/NDF : 150547.7/13

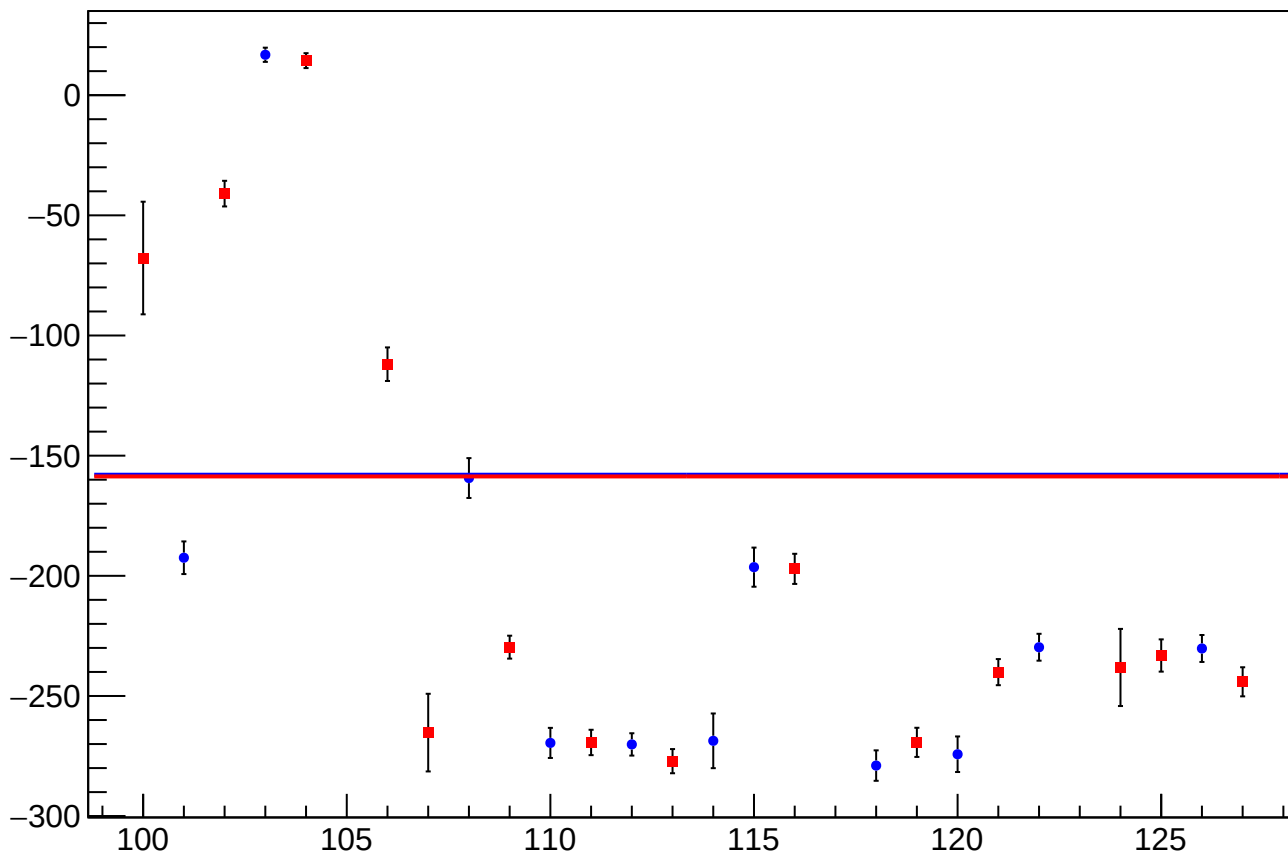
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.458+/-0.042 χ^2/NDF : 265686.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



Right In: -157.935 ± 1.685 χ^2/NDF : 5480.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -158.646 ± 1.535 χ^2/NDF : 5856.1/13

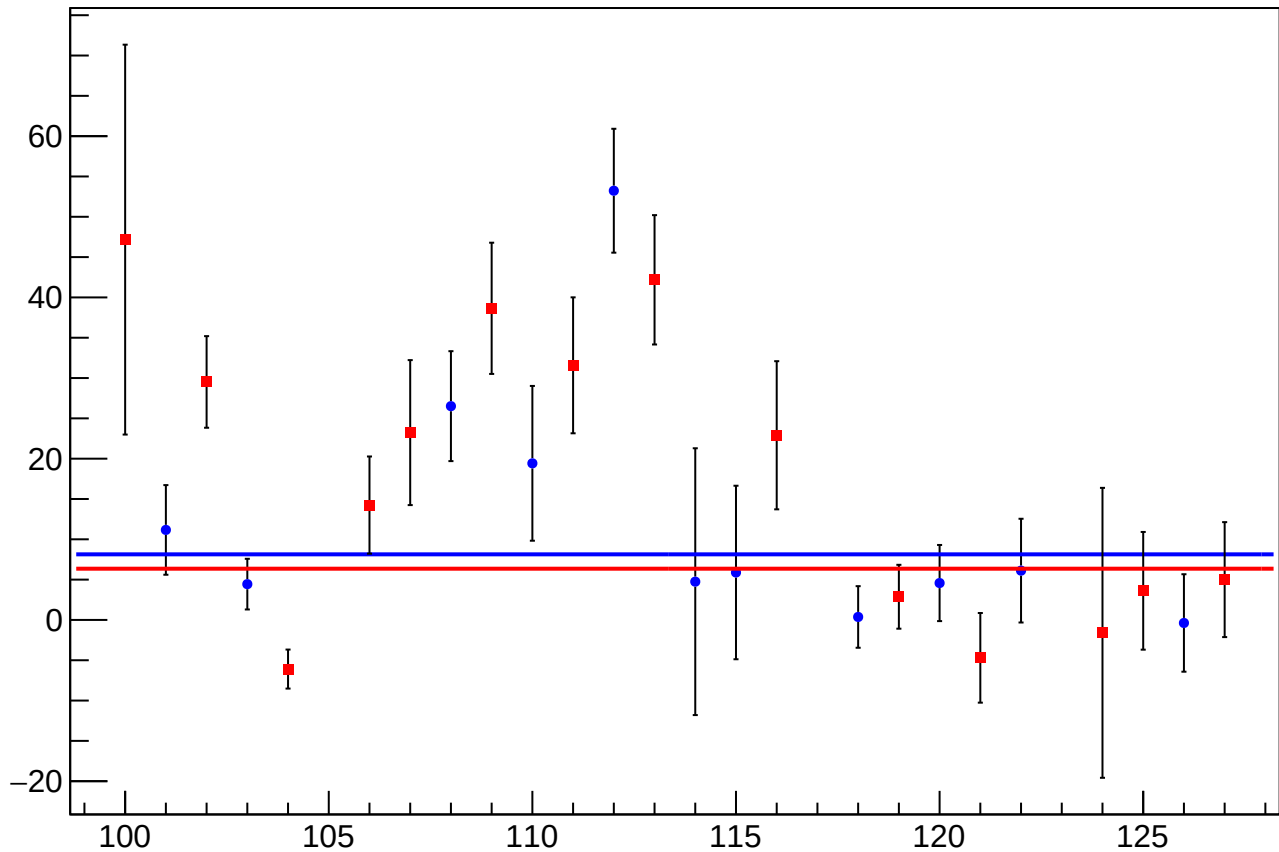
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -158.323 ± 1.135 χ^2/NDF : 11336.6/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: 8.135+/-1.666 χ^2/NDF : 51.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.354+/-1.512 χ^2/NDF : 104.2/13

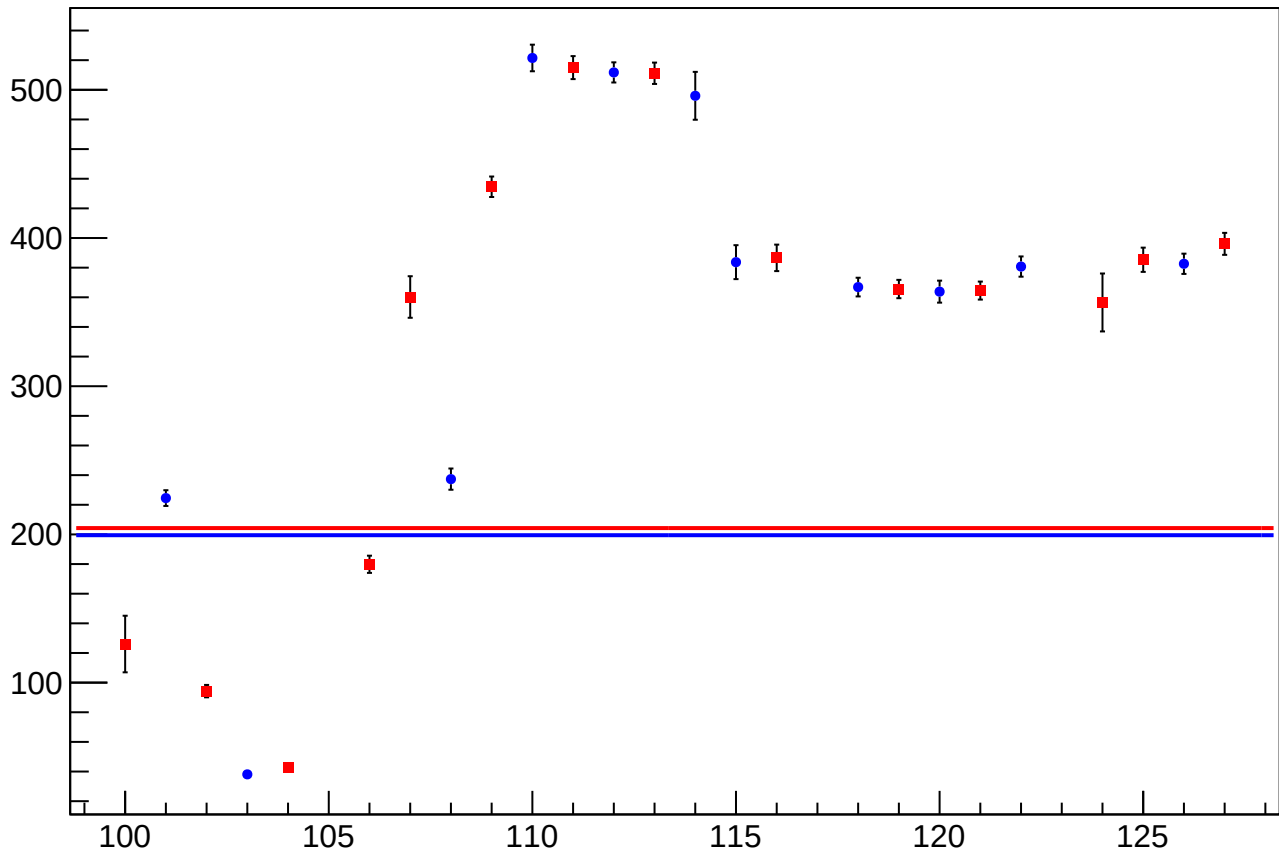
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.158+/-1.120 χ^2/NDF : 156.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 199.469+/-1.640 χ^2/NDF : 11487.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 204.276+/-1.543 χ^2/NDF : 12735.1/13

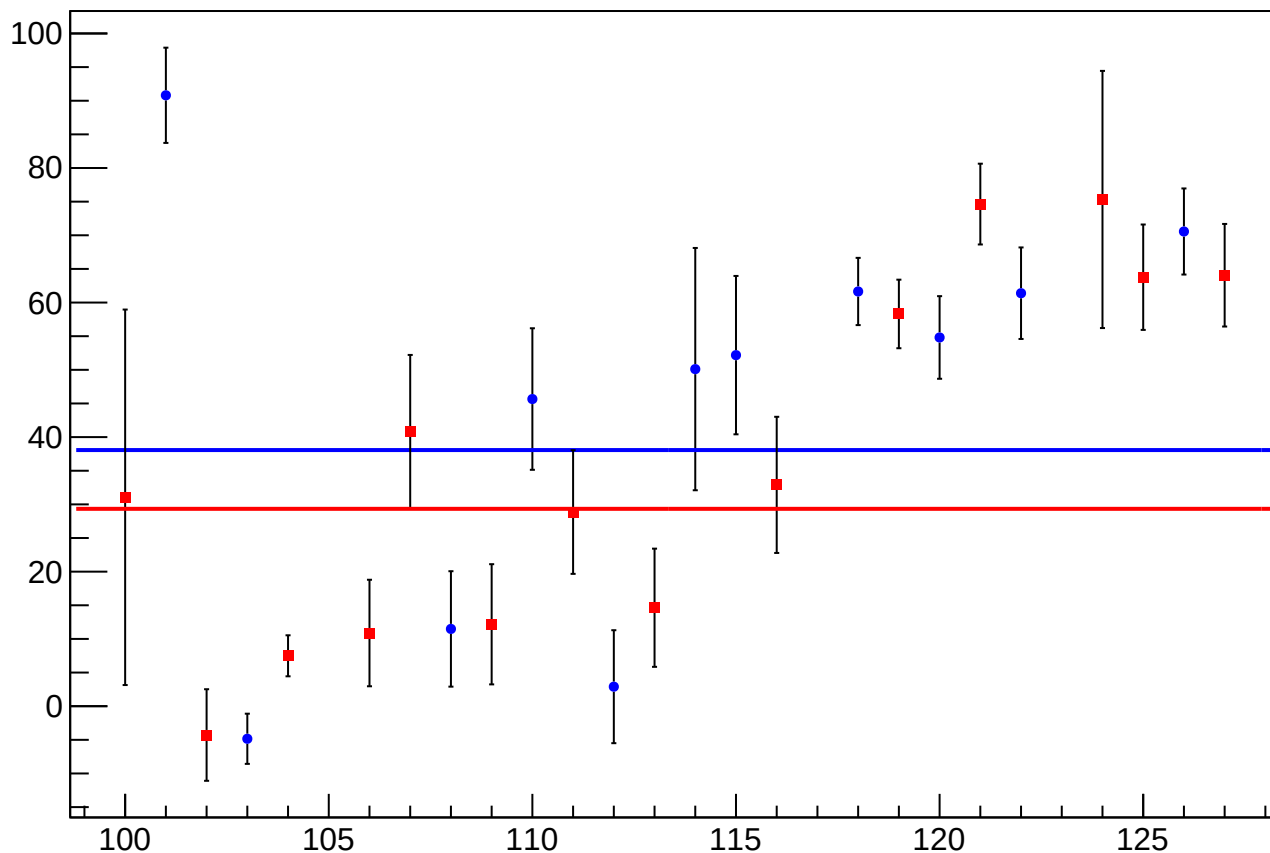
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 202.018+/-1.124 χ^2/NDF : 24226.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 38.074 $\pm$ 1.994 χ^2 /NDF: 284.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 29.338 $\pm$ 1.815 χ^2 /NDF: 223.9/13

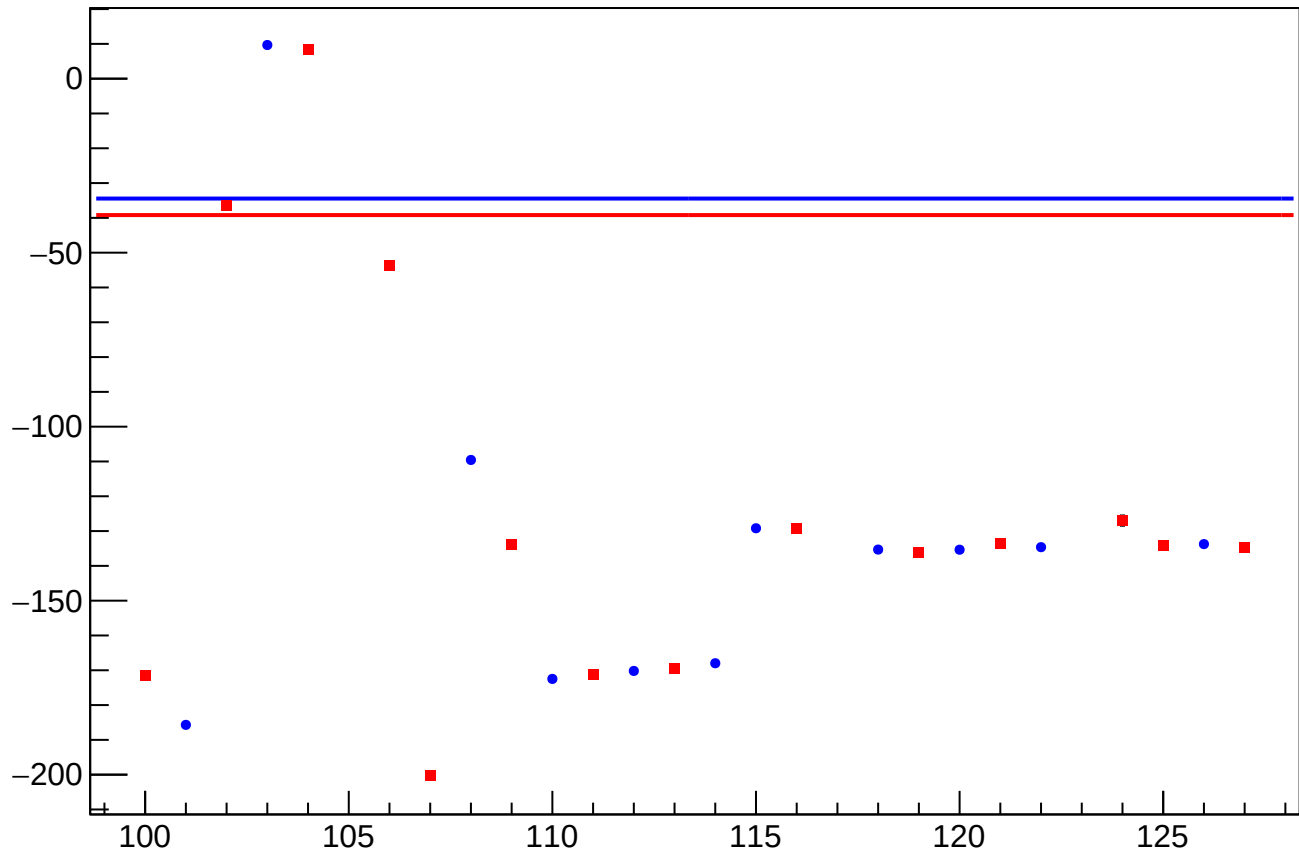
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 33.296 $\pm$ 1.342 χ^2 /NDF: 519.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -34.448 ± 0.081 $\chi^2/\text{NDF}: 768687.8/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -39.197 ± 0.081 $\chi^2/\text{NDF}: 558945.9/13$

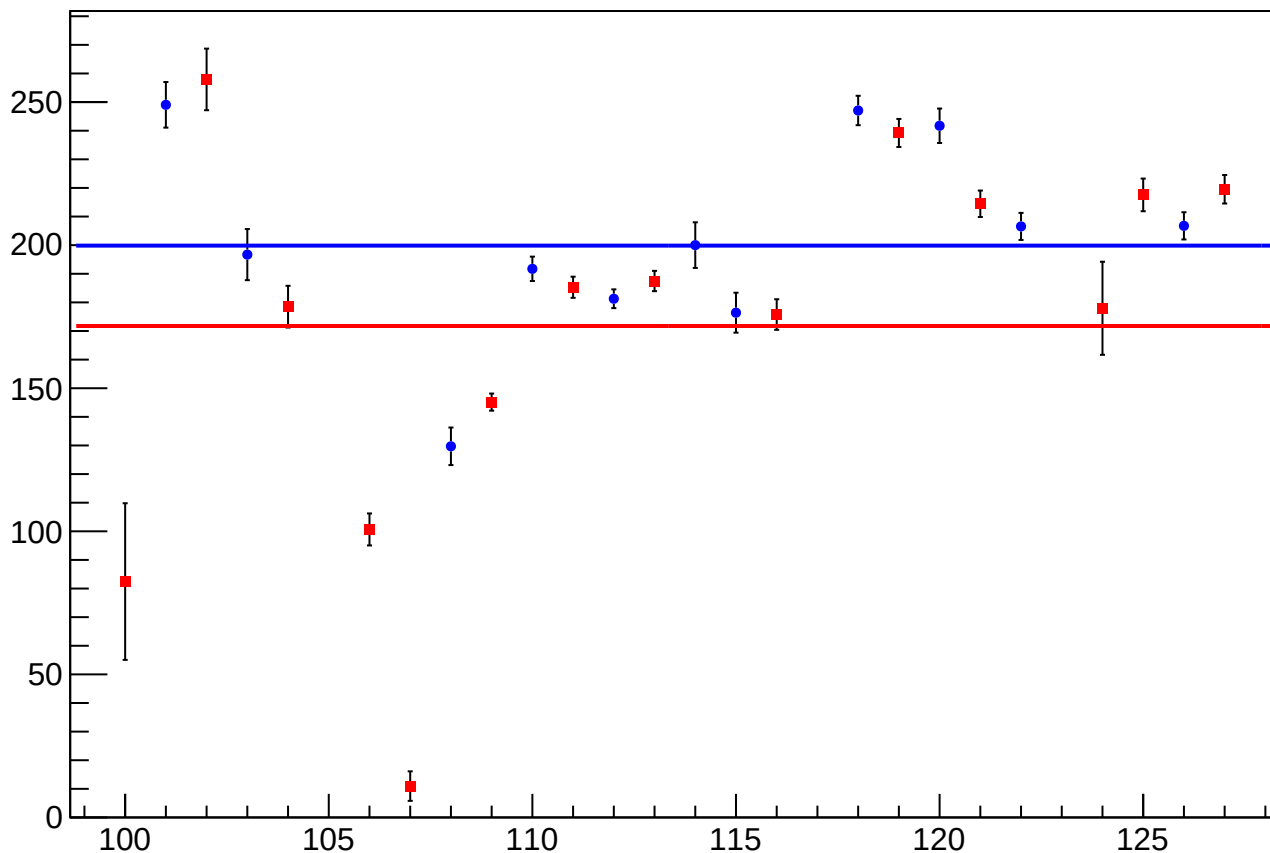
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -36.828 ± 0.058 $\chi^2/\text{NDF}: 1329336.3/24$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



Right In: 199.840 $\pm$ 1.601 χ^2 /NDF: 336.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 171.751 $\pm$ 1.334 χ^2 /NDF: 1752.9/13

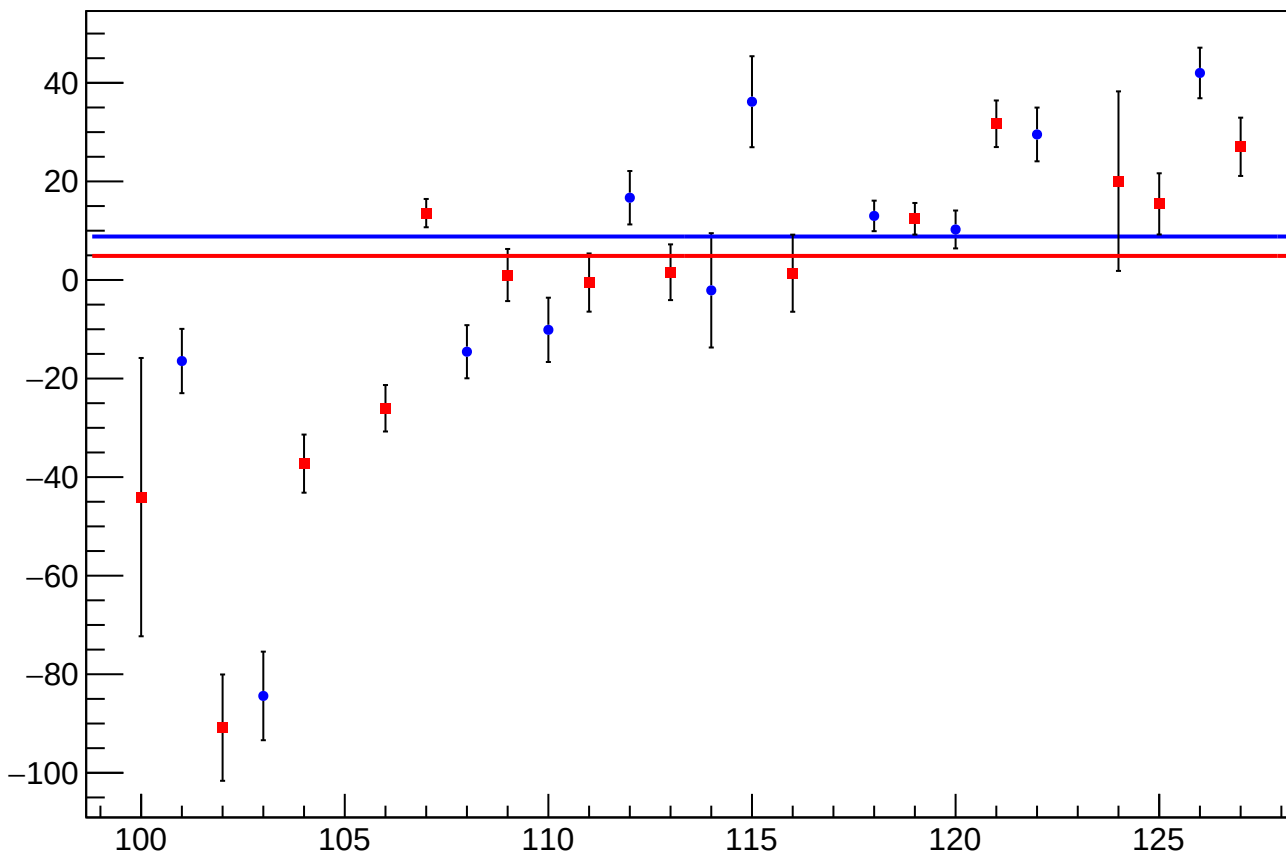
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 183.268 $\pm$ 1.025 χ^2 /NDF: 2271.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 8.819 $\pm$ 1.600 χ^2 /NDF: 219.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.882 $\pm$ 1.391 χ^2 /NDF: 242.2/13

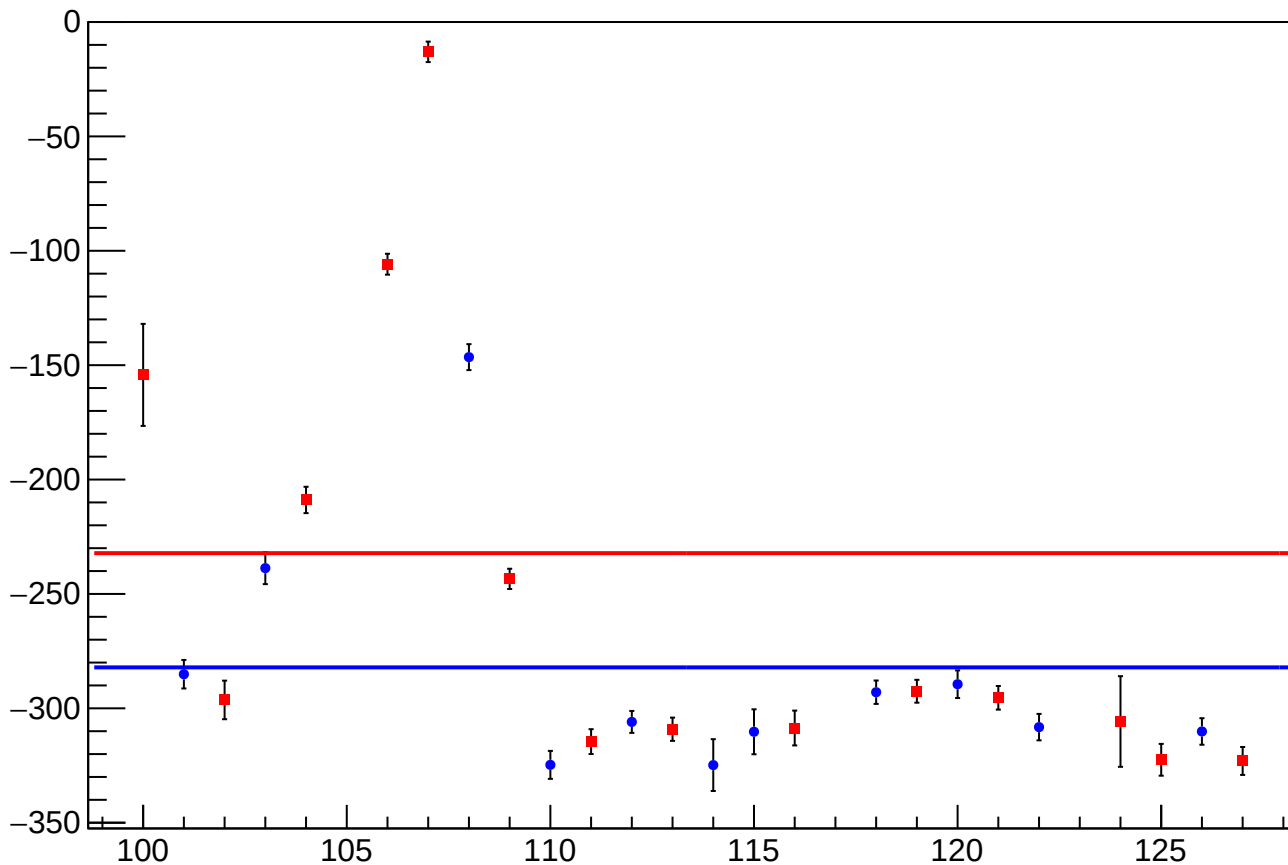
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.577 $\pm$ 1.050 χ^2 /NDF: 465.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -282.107+/-1.854 χ^2/NDF : 757.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -232.172+/-1.557 χ^2/NDF : 4514.8/13

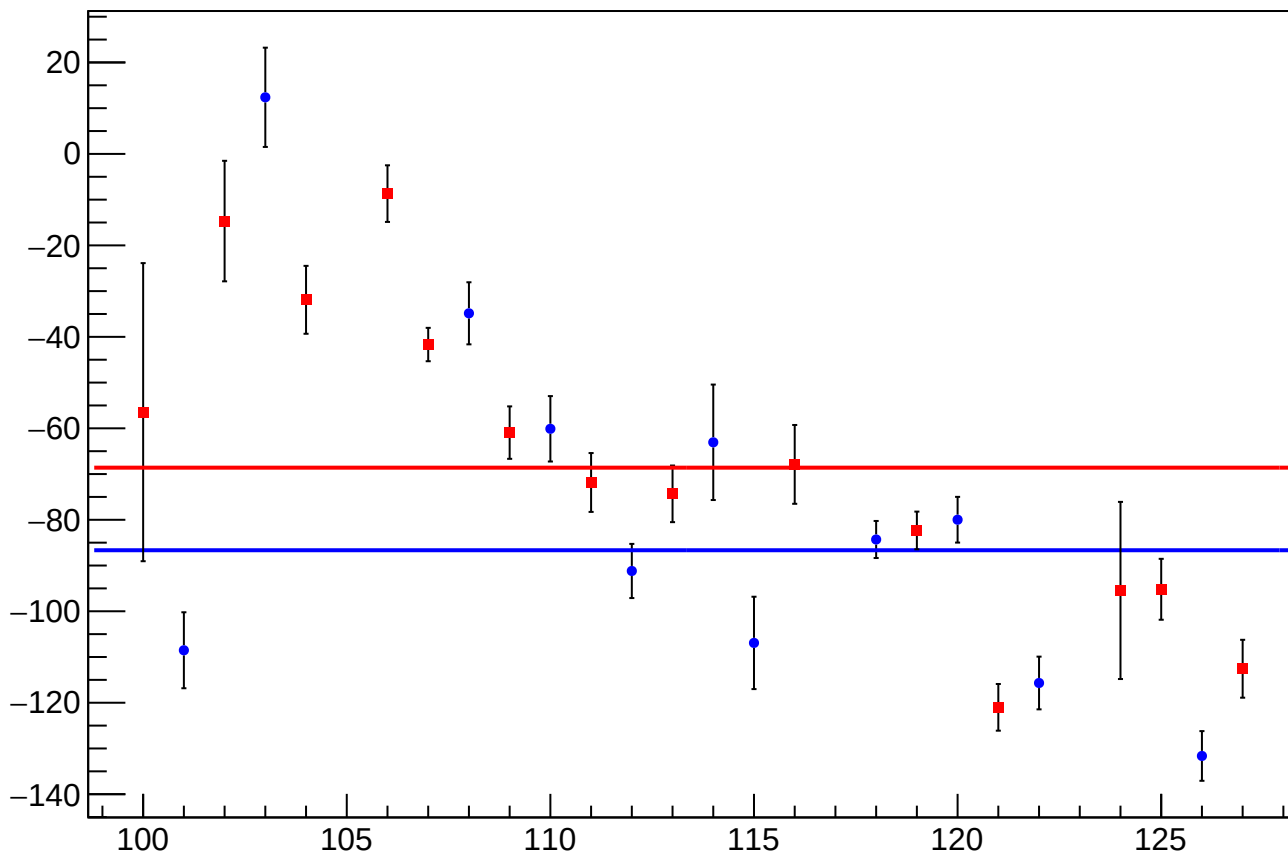
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -252.823+/-1.192 χ^2/NDF : 5697.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -86.657 ± 1.911 χ^2/NDF : 266.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -68.601 ± 1.649 χ^2/NDF : 375.0/13

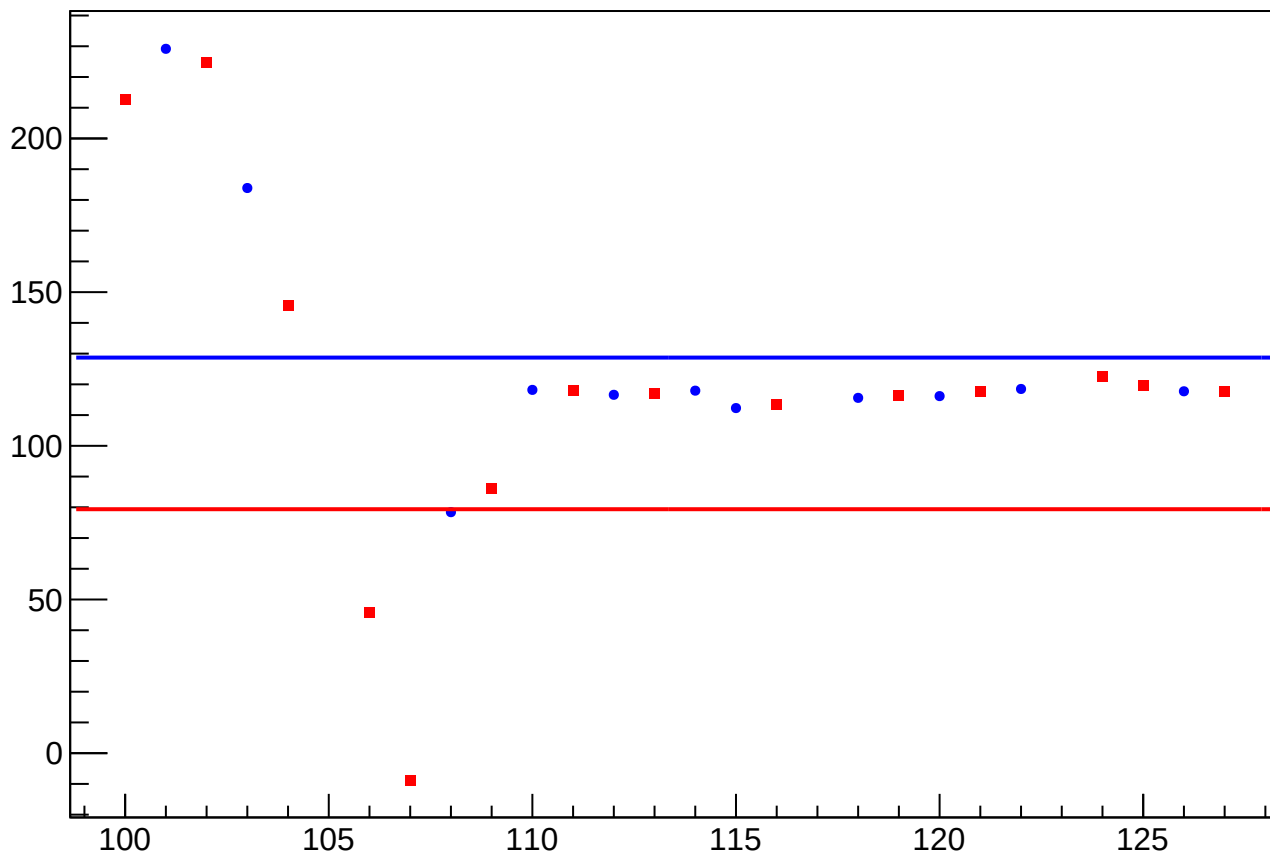
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -76.309 ± 1.249 χ^2/NDF : 692.6/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 128.709 $\pm$ 0.118 χ^2 /NDF: 159021.1/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 79.377 $\pm$ 0.092 χ^2 /NDF: 532583.1/13

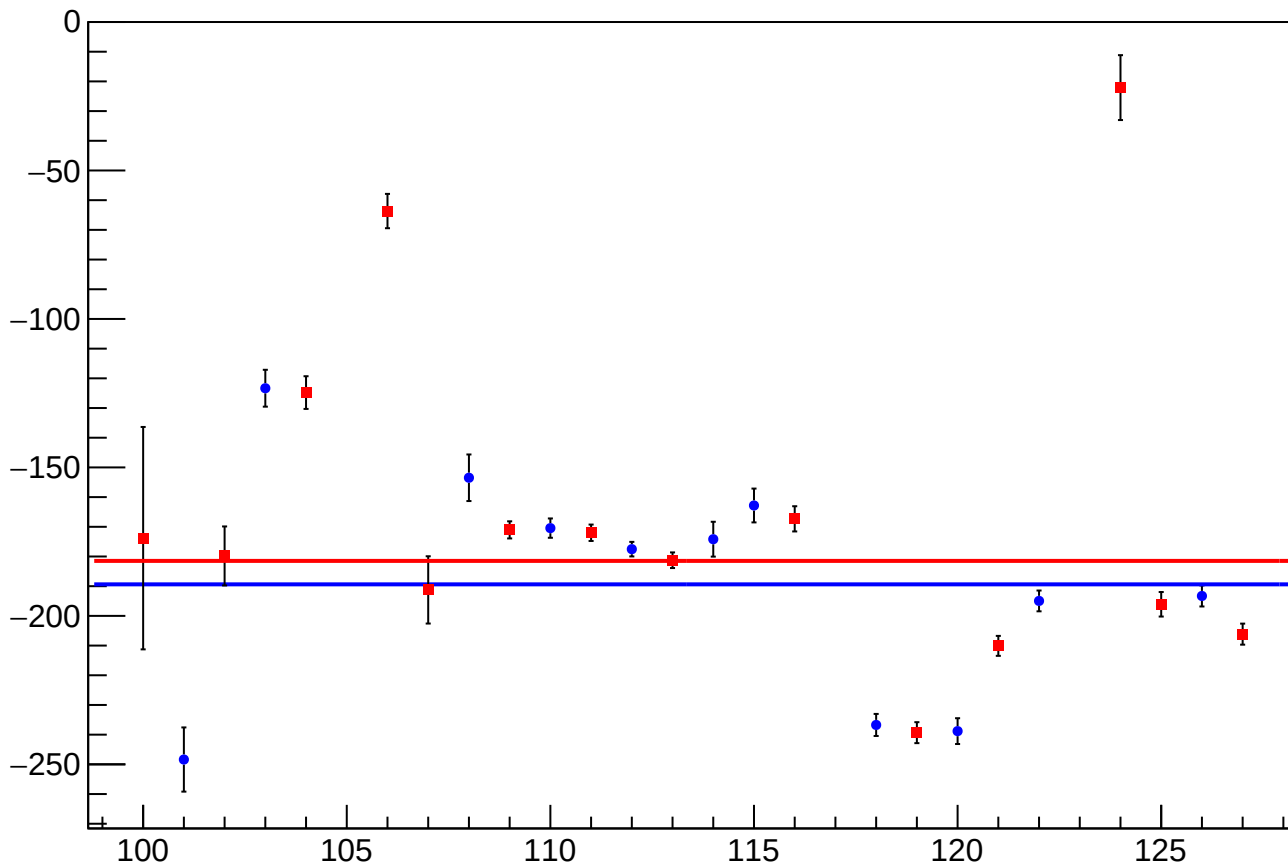
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 98.123 $\pm$ 0.073 χ^2 /NDF: 799967.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



Right In: -189.380 ± 1.232 χ^2/NDF : 545.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -181.482 ± 1.086 χ^2/NDF : 1173.0/13

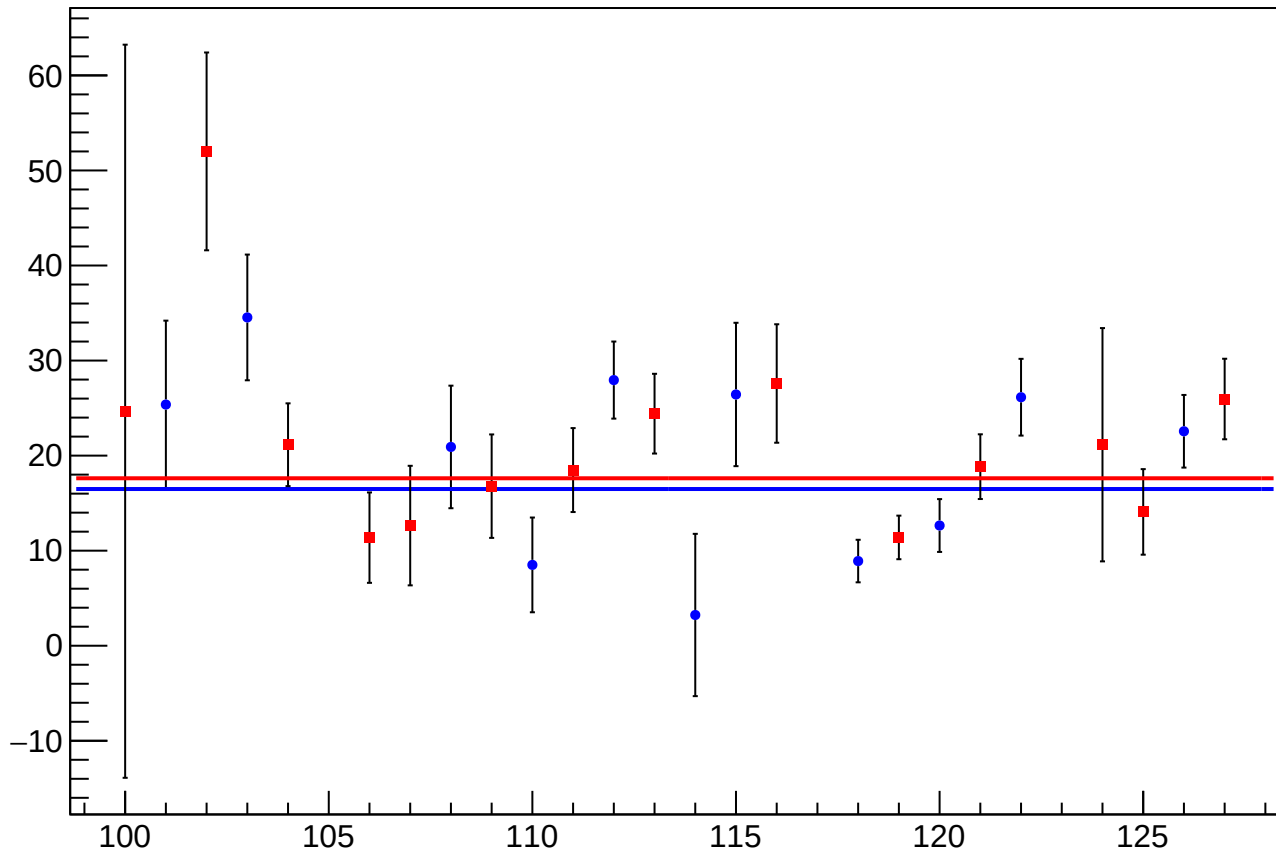
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -184.934 ± 0.815 χ^2/NDF : 1741.6/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 16.486+/-1.239 χ^2/NDF : 45.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.617+/-1.205 χ^2/NDF : 31.3/13

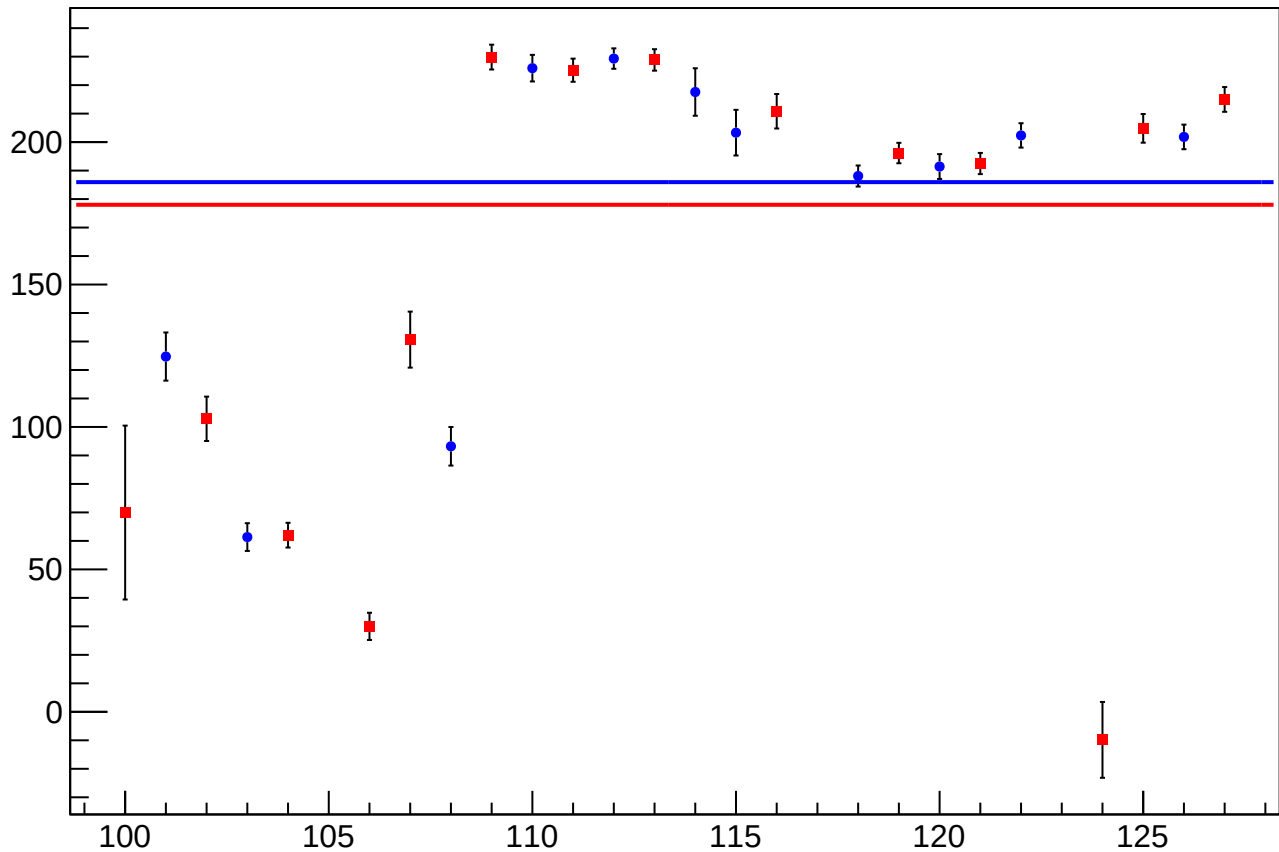
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.067+/-0.864 χ^2/NDF : 77.0/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 185.944+/-1.465 χ^2/NDF : 1163.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 177.996+/-1.309 χ^2/NDF : 2632.4/13

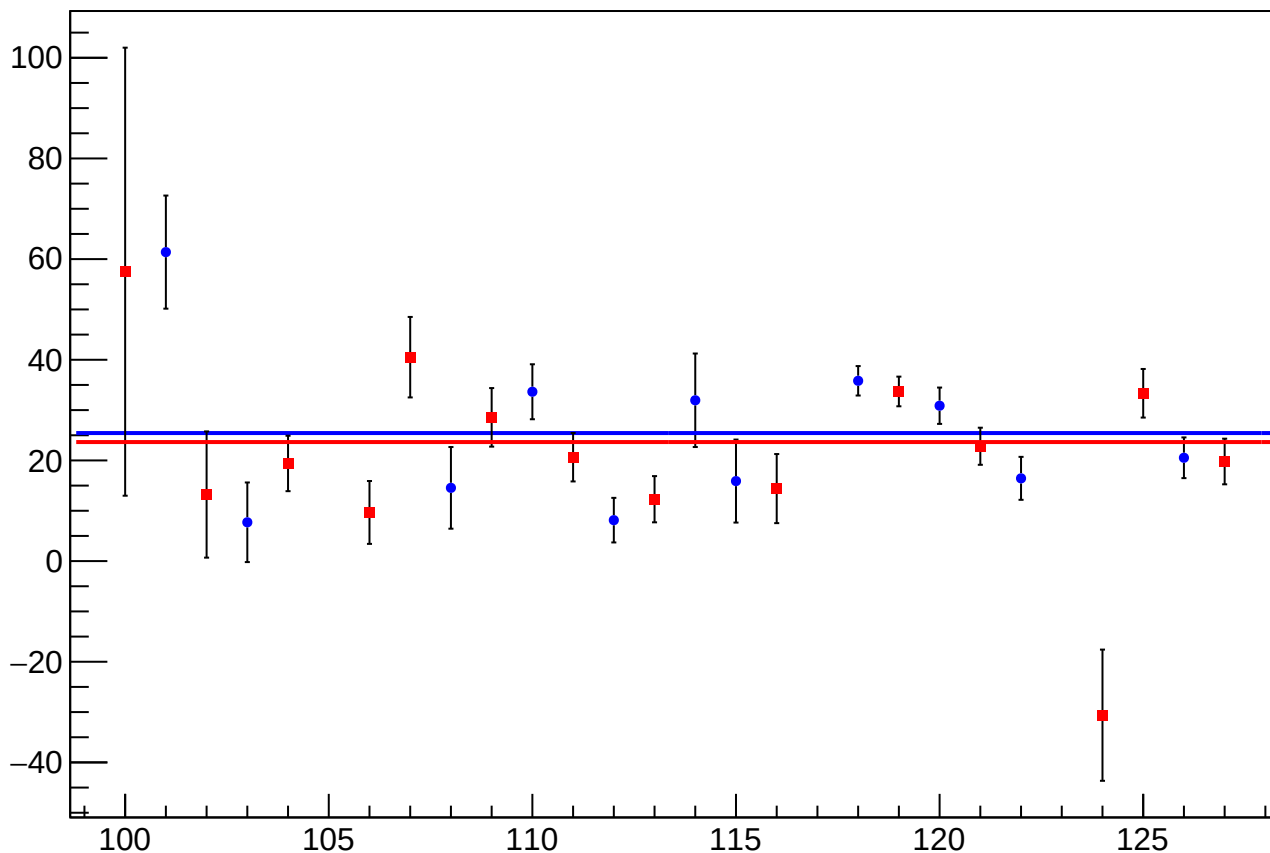
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.522+/-0.976 χ^2/NDF : 3812.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 25.439+/-1.475 χ^2/NDF : 57.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.651+/-1.402 χ^2/NDF : 54.1/13

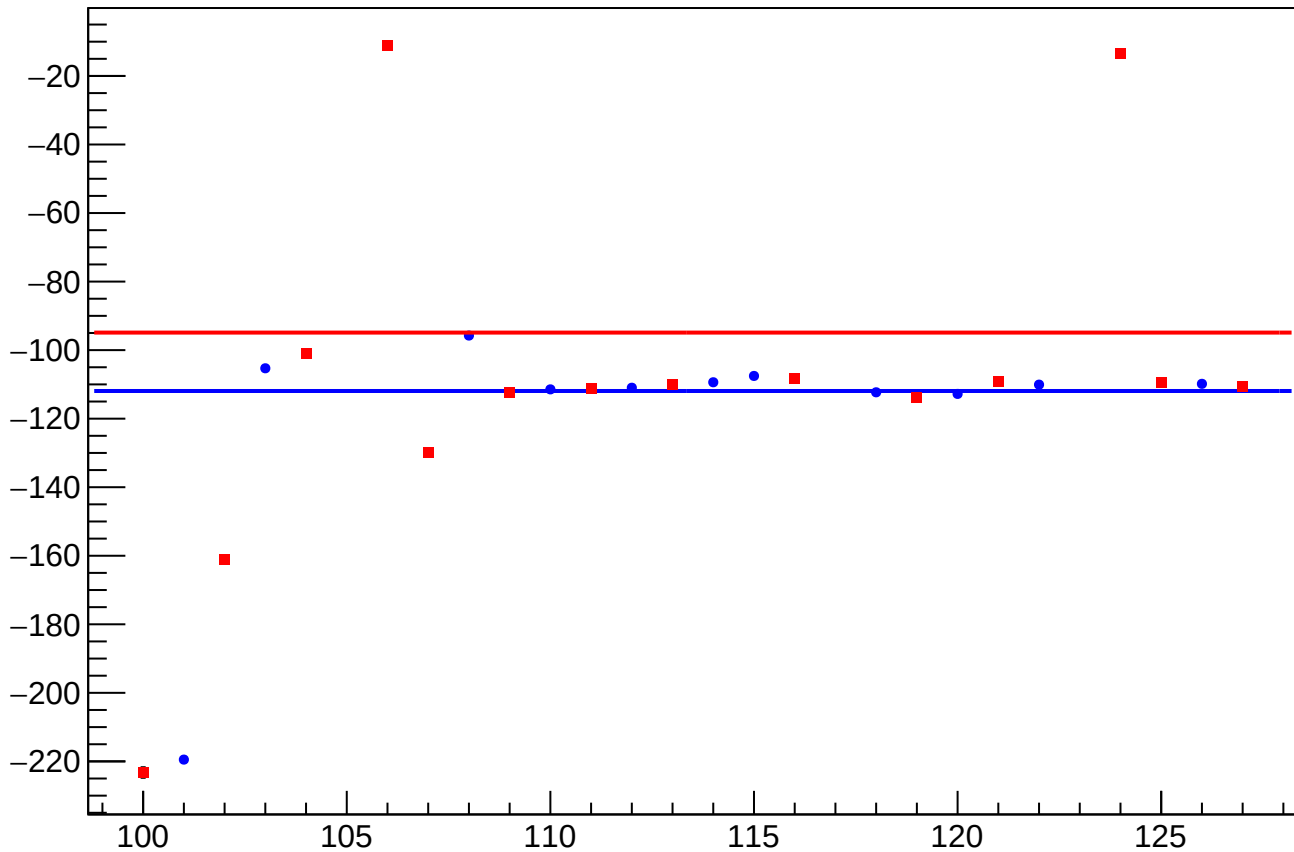
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.500+/-1.016 χ^2/NDF : 112.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -111.925+/-0.098 χ^2/NDF : 50419.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -94.883+/-0.085 χ^2/NDF : 256284.5/13

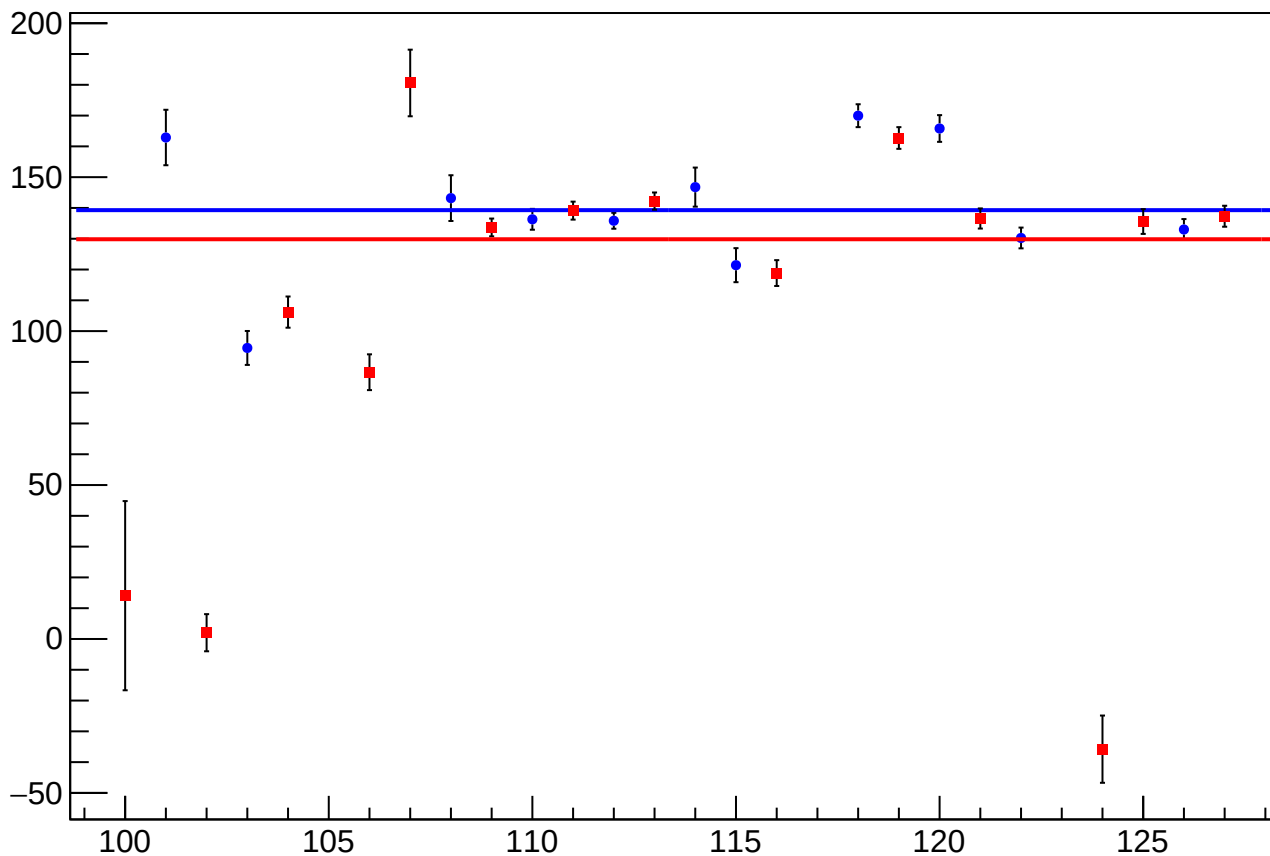
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -102.211+/-0.064 χ^2/NDF : 323925.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



Right In: 139.286 $\pm$ 1.233 χ^2 /NDF: 203.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 129.834 $\pm$ 1.080 χ^2 /NDF: 928.7/13

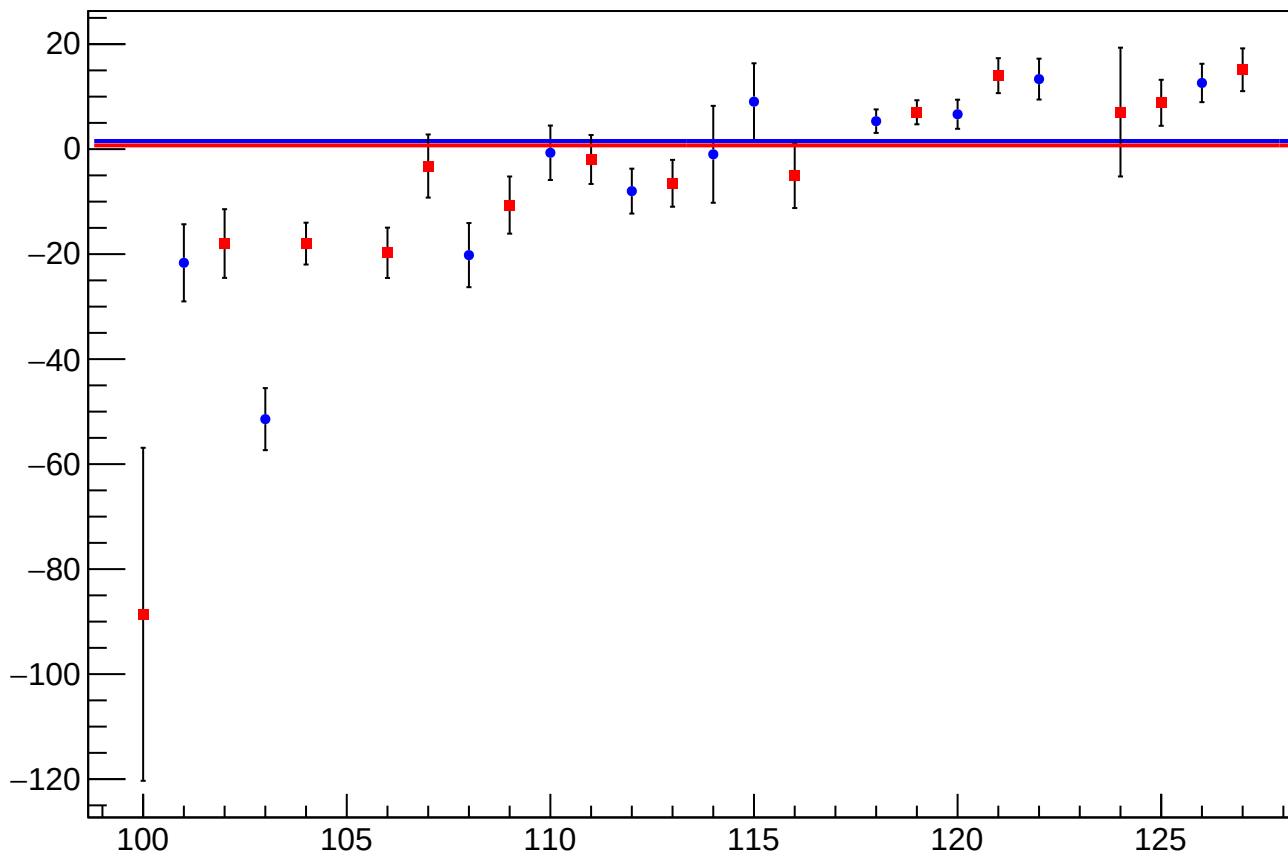
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 133.937 $\pm$ 0.812 χ^2 /NDF: 1165.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 1.551+/-1.225 χ^2/NDF : 133.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.717+/-1.183 χ^2/NDF : 104.7/13

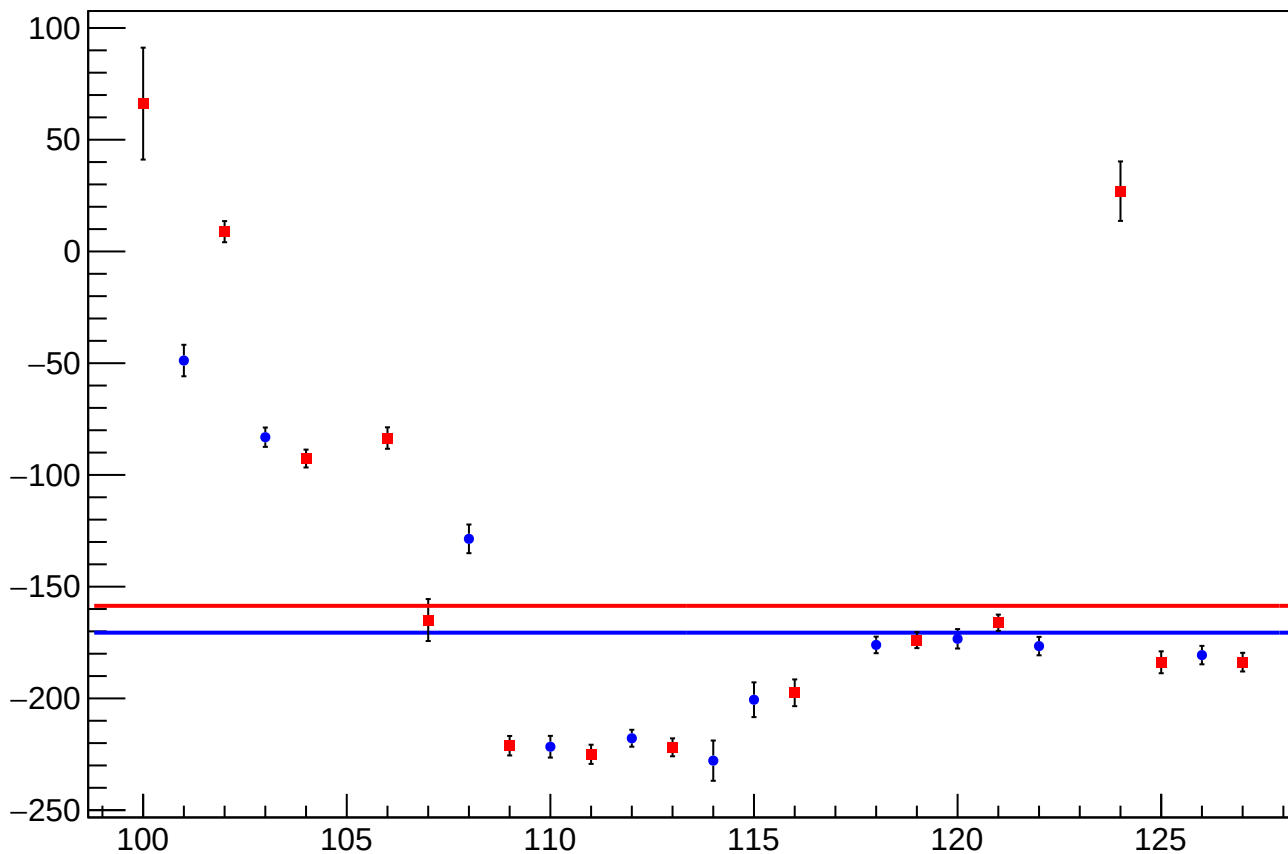
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.119+/-0.851 χ^2/NDF : 238.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -170.587 ± 1.440 χ^2/NDF : 1082.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -158.575 ± 1.271 χ^2/NDF : 2868.9/13

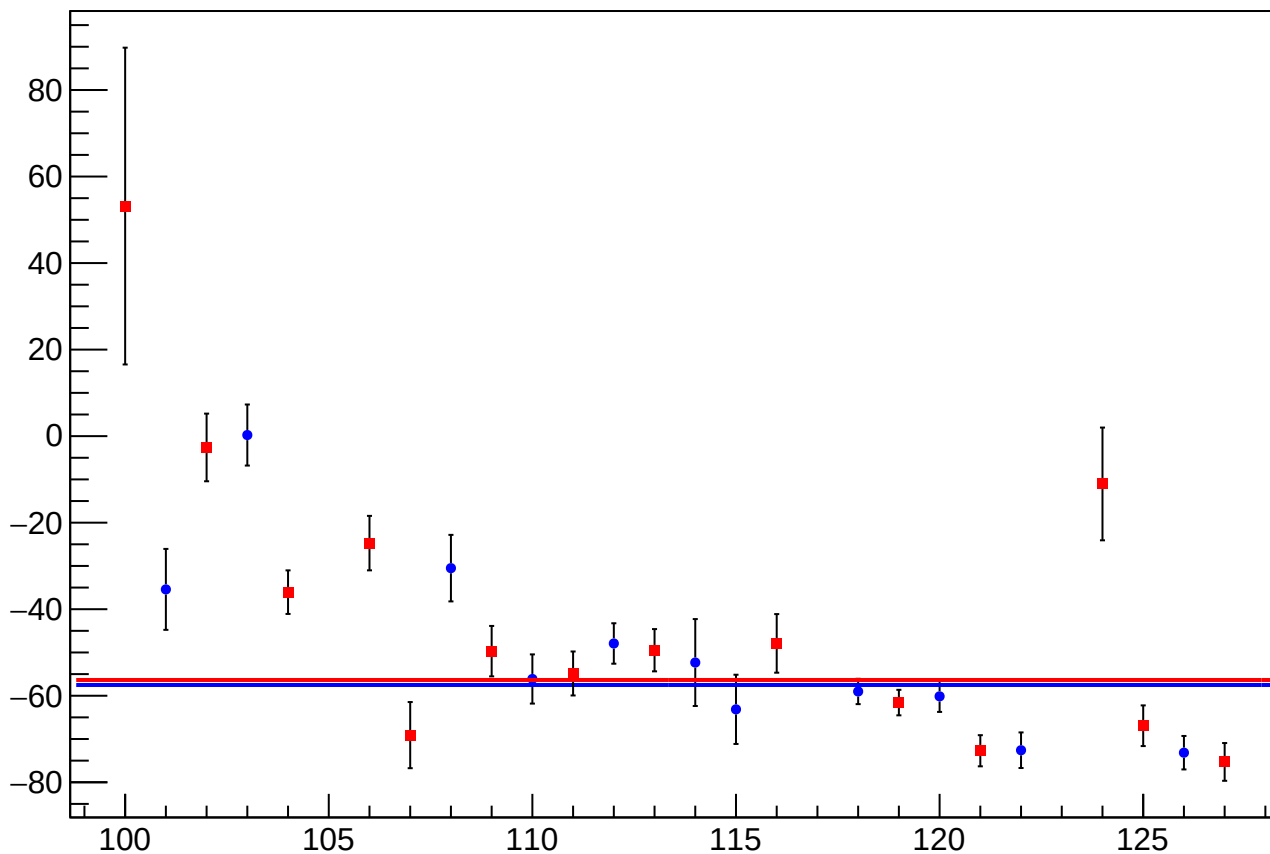
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -163.835 ± 0.953 χ^2/NDF : 3990.6/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -57.512 ± 1.458 χ^2/NDF : 120.6/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -56.360 ± 1.378 χ^2/NDF : 165.2/13

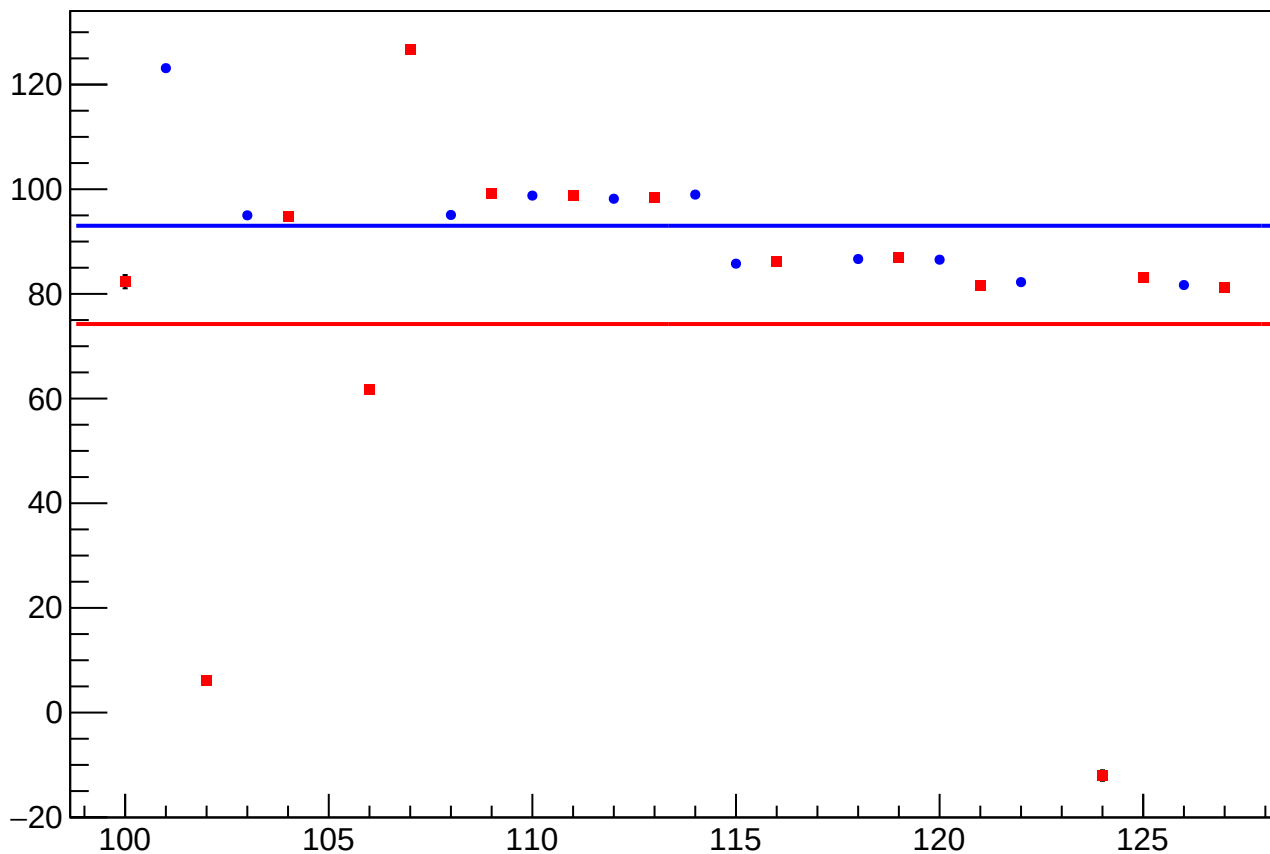
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -56.903 ± 1.001 χ^2/NDF : 286.1/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 93.019+/-0.094 χ^2/NDF : 9360.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.239+/-0.080 χ^2/NDF : 177055.4/13

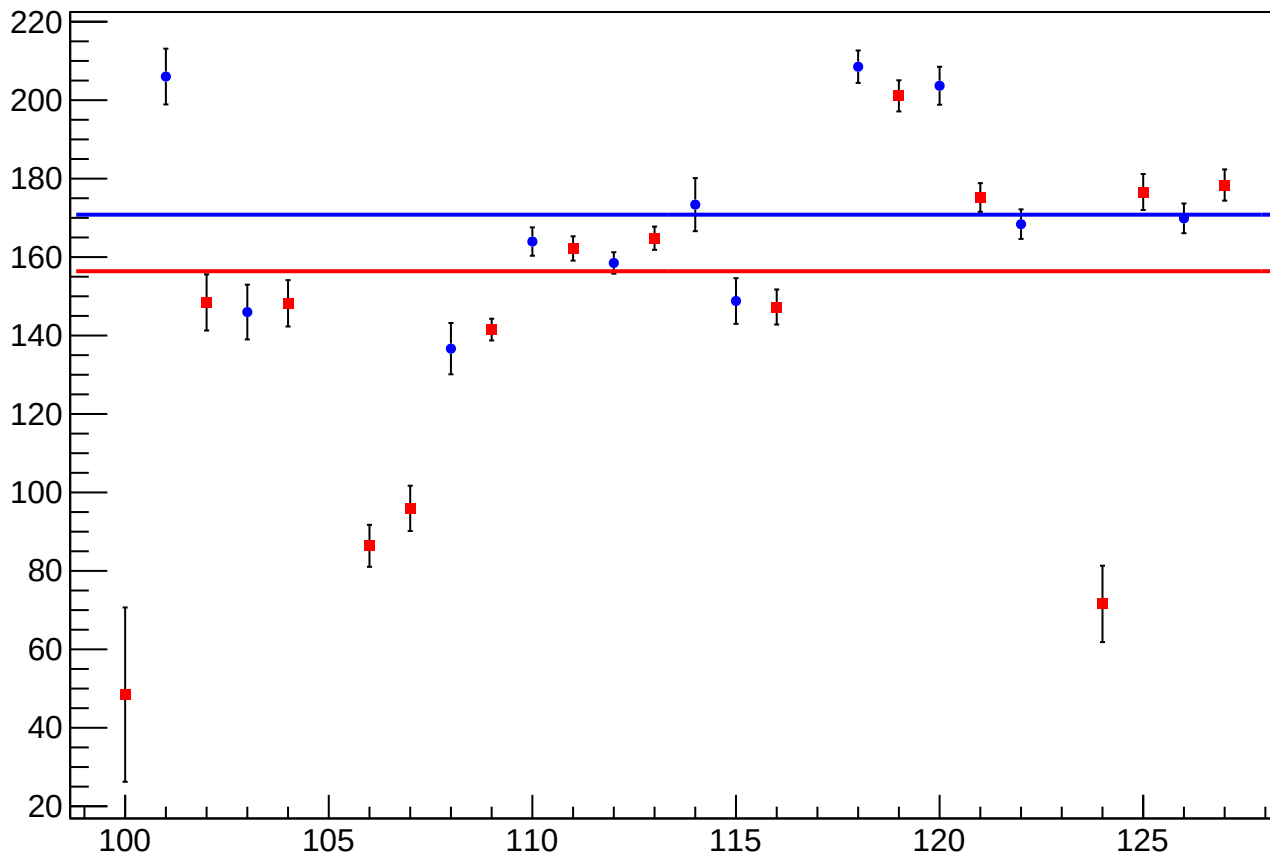
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.094+/-0.061 χ^2/NDF : 209674.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 170.809 ± 1.328 χ^2/NDF : 232.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 156.395 ± 1.138 χ^2/NDF : 631.2/13

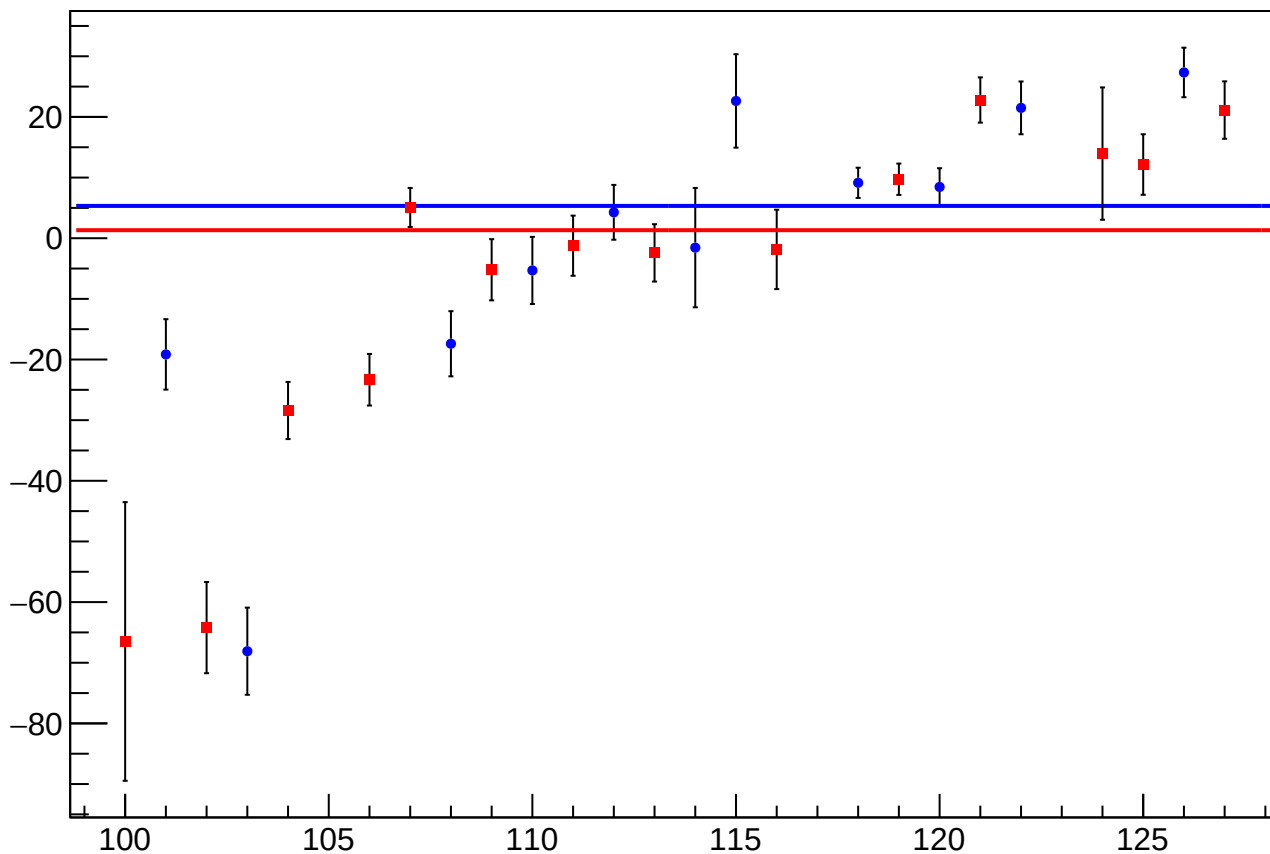
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 162.495 ± 0.864 χ^2/NDF : 931.8/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 5.328+/-1.323 χ^2/NDF : 195.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.325+/-1.213 χ^2/NDF : 229.5/13

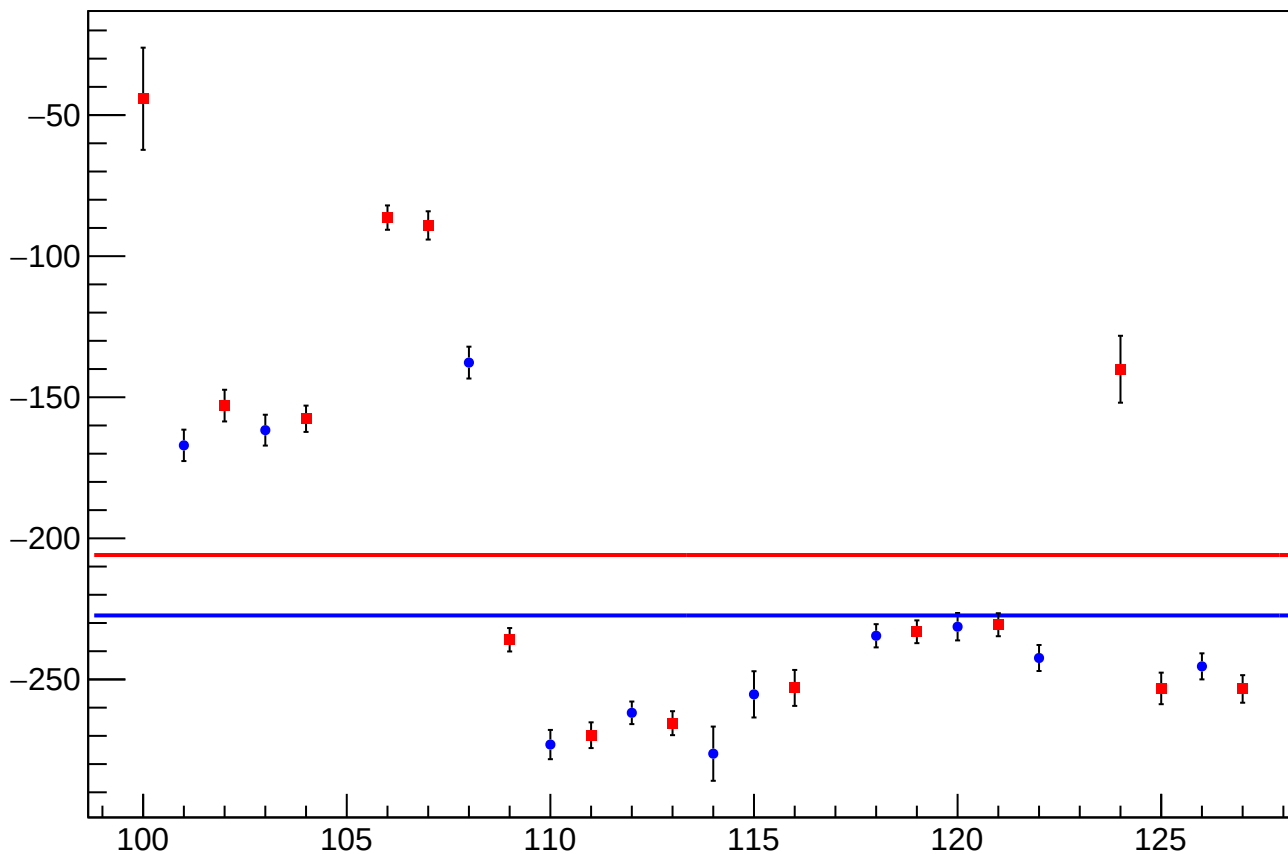
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.153+/-0.894 χ^2/NDF : 430.0/24

- 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: -227.328+/-1.547 χ^2 /NDF: 733.4/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -205.907+/-1.333 χ^2 /NDF: 2366.3/13

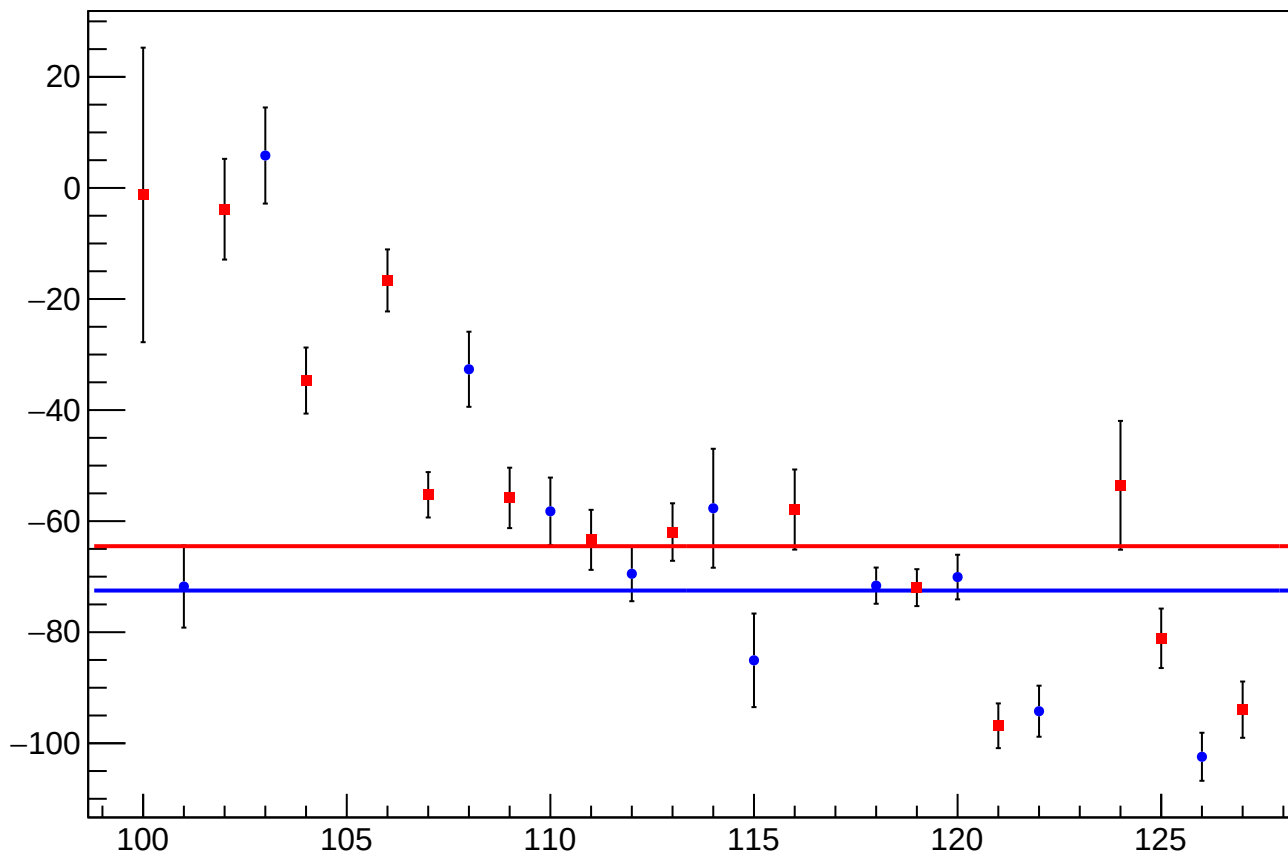
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -215.033+/-1.010 χ^2 /NDF: 3209.7/24

- 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: -72.500 $\pm$ 1.578 χ^2 /NDF: 197.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -64.510 $\pm$ 1.426 χ^2 /NDF: 271.6/13

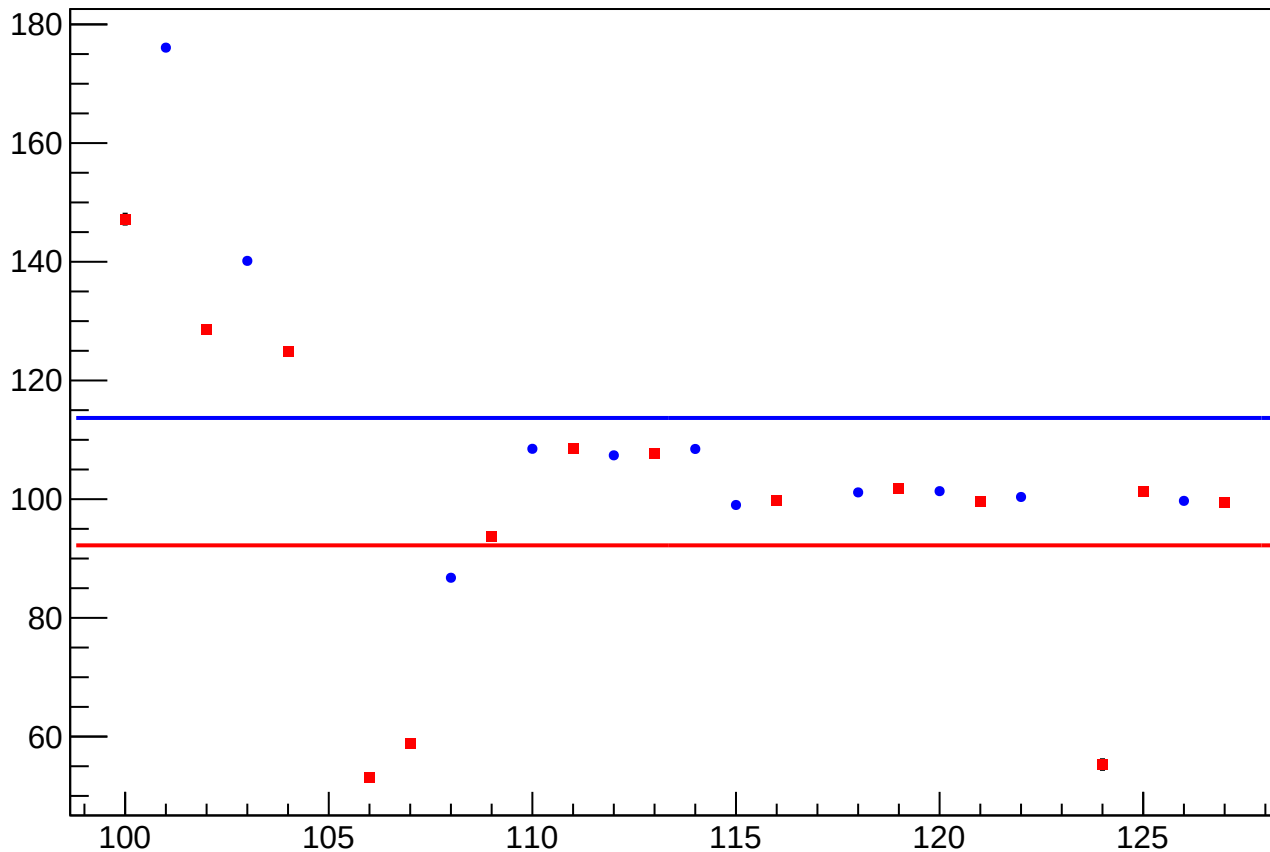
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -68.101 $\pm$ 1.058 χ^2 /NDF: 483.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 113.684 $\pm$ 0.101 χ^2 /NDF: 68708.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 92.219 $\pm$ 0.081 χ^2 /NDF: 122780.8/13

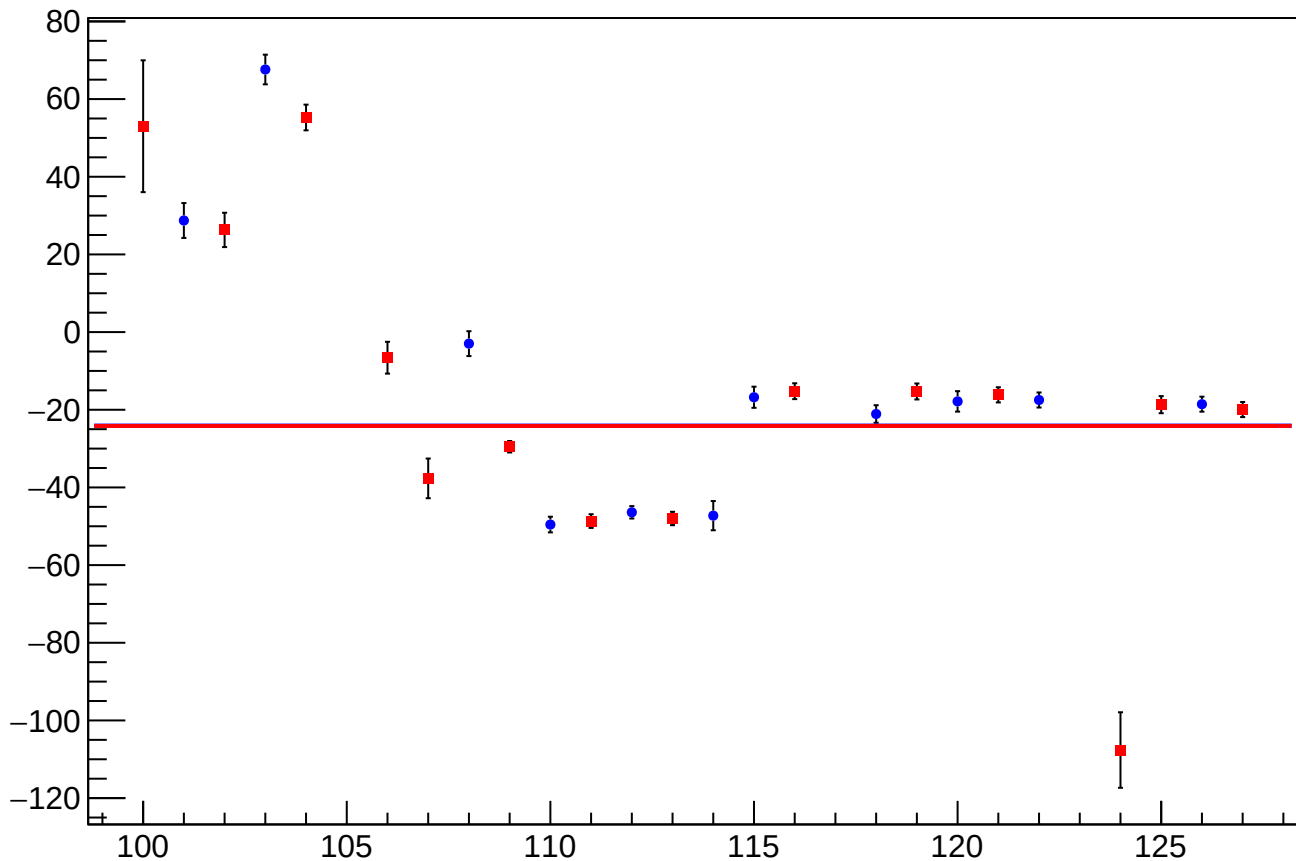
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 100.652 $\pm$ 0.063 χ^2 /NDF: 219091.1/24

- 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: -24.078 $\pm$ 0.719 χ^2 /NDF: 1185.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -24.164 $\pm$ 0.622 χ^2 /NDF: 1289.1/13

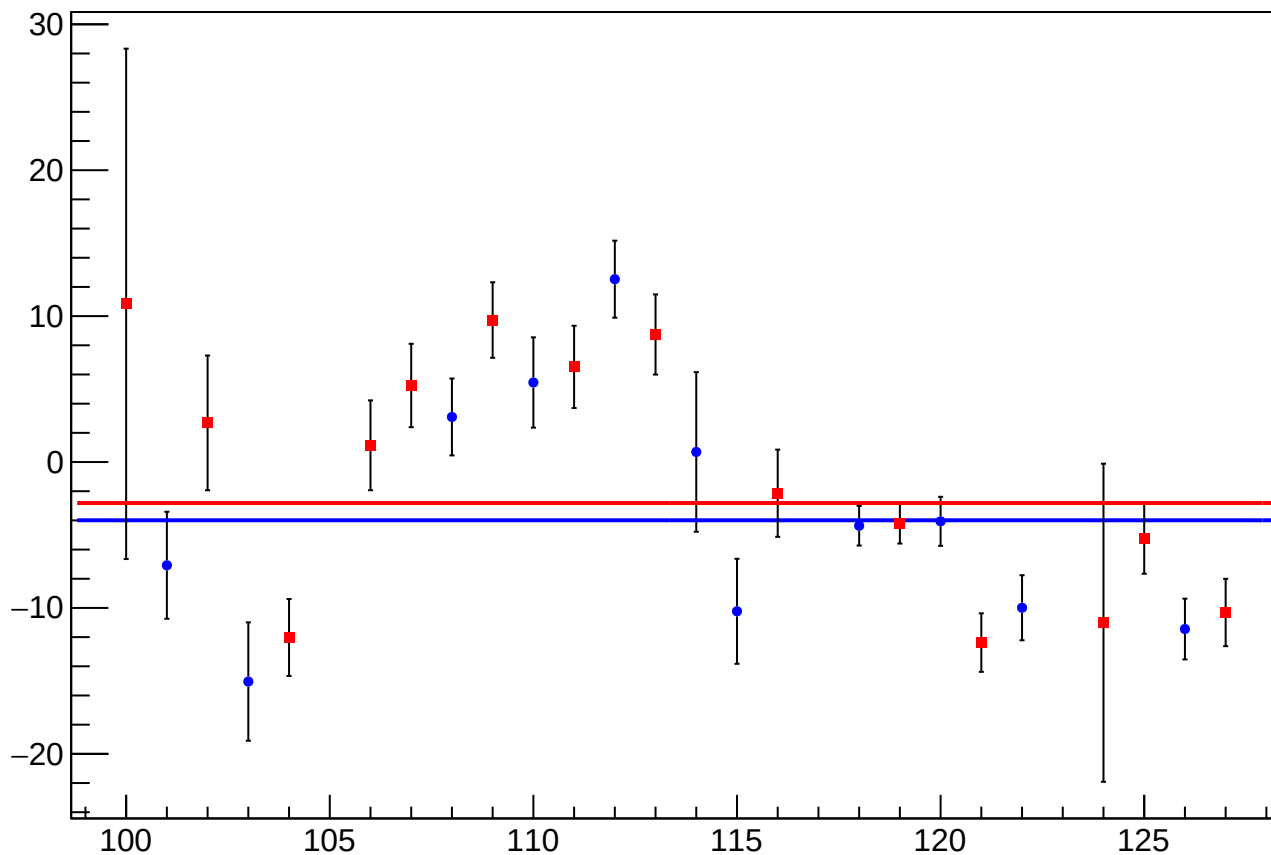
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -24.127 $\pm$ 0.471 χ^2 /NDF: 2474.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug



Right In: -3.993 ± 0.713 χ^2/NDF : 87.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.808 ± 0.692 χ^2/NDF : 112.0/13

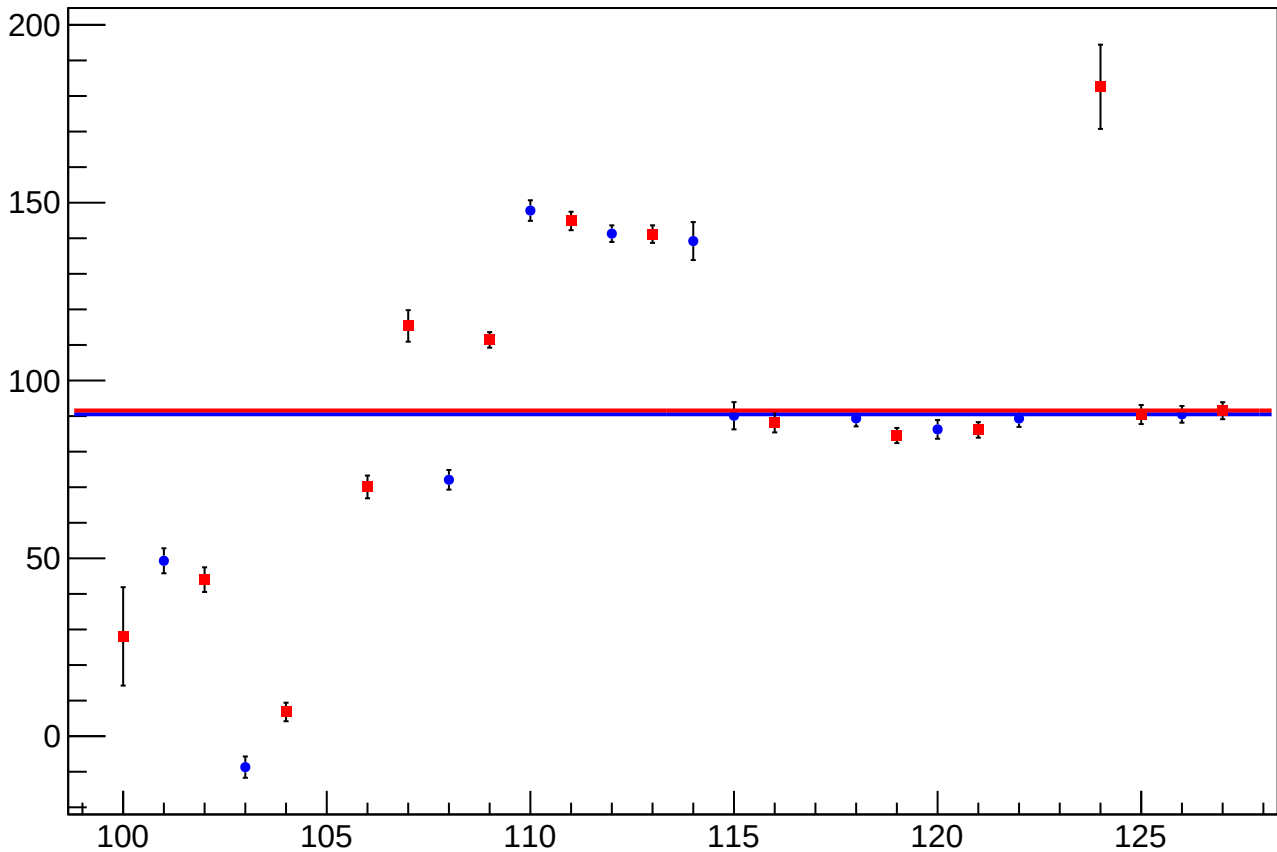
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.382 ± 0.496 χ^2/NDF : 201.1/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: 90.510 $\pm$ 0.836 χ^2 /NDF: 2229.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 91.574 $\pm$ 0.750 χ^2 /NDF: 2324.7/13

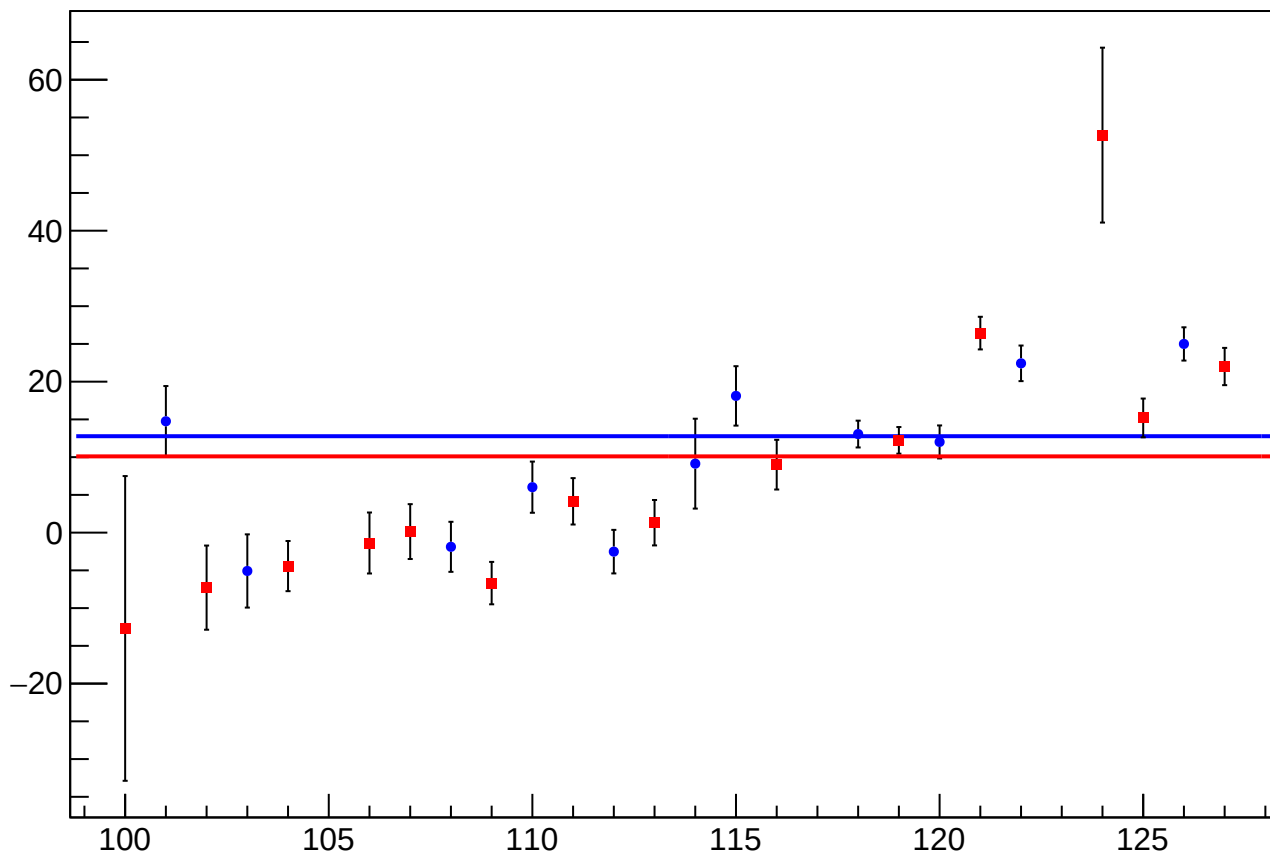
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 91.100 $\pm$ 0.558 χ^2 /NDF: 4555.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 12.774 $\pm$ 0.848 χ^2 /NDF: 115.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.102 $\pm$ 0.802 χ^2 /NDF: 193.0/13

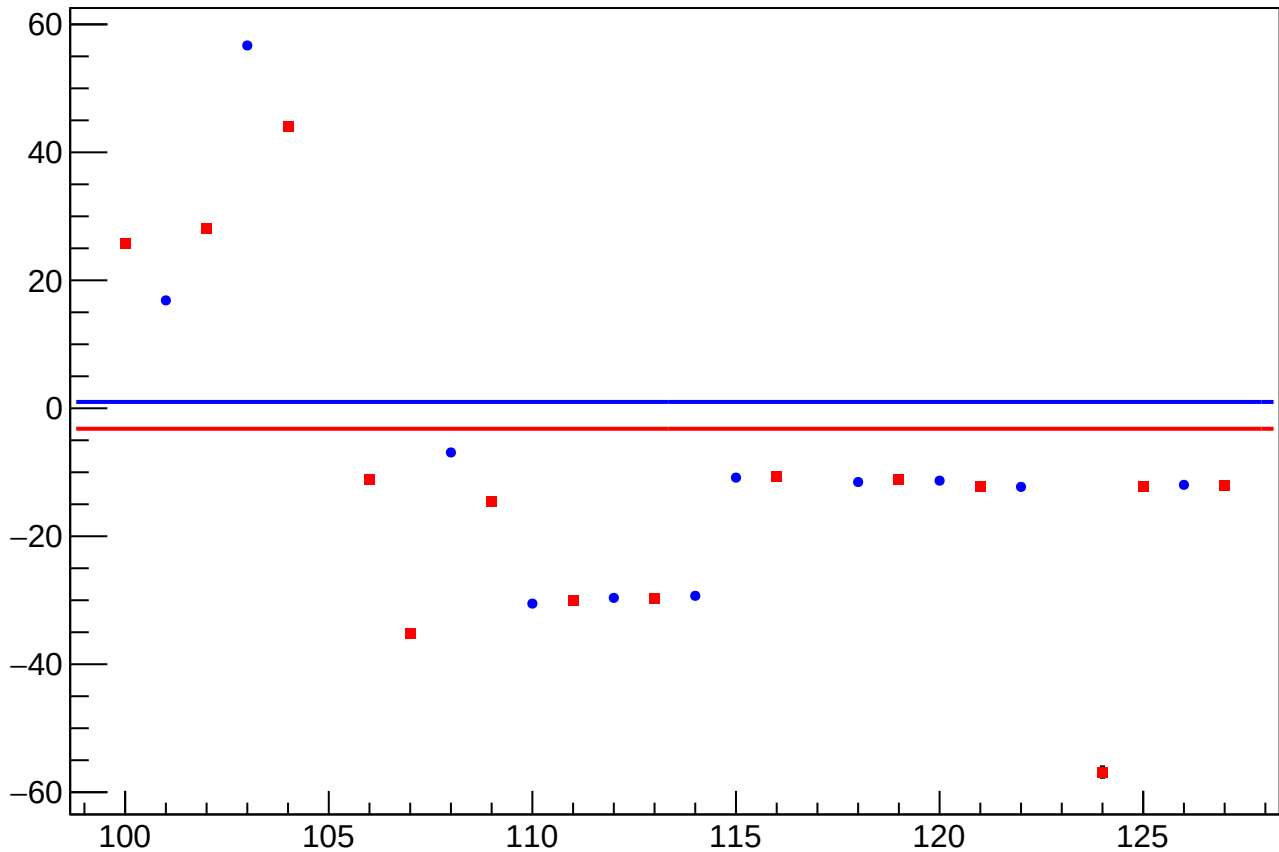
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.363 $\pm$ 0.582 χ^2 /NDF: 313.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug



Right In: 0.993+/-0.054 χ^2/NDF : 278113.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.200+/-0.049 χ^2/NDF : 275639.2/13

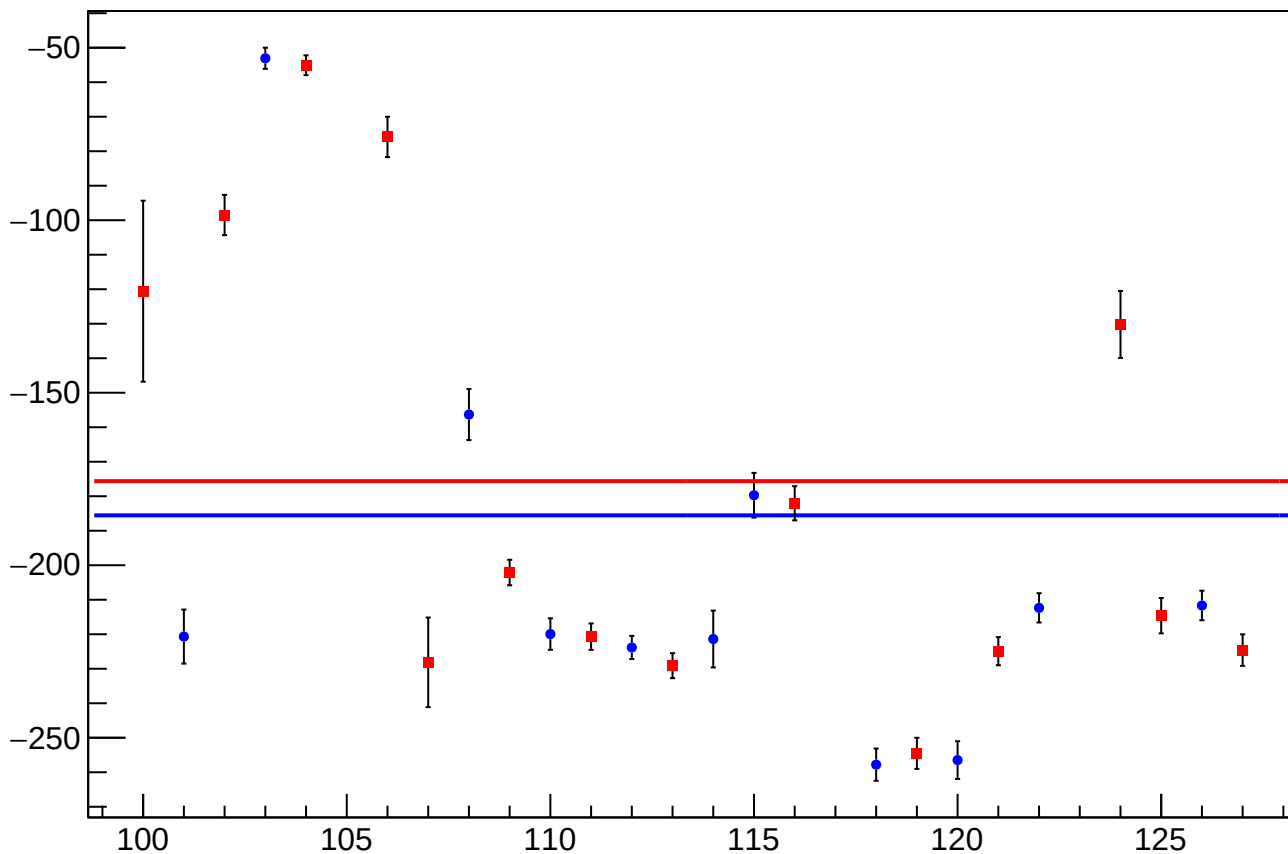
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.288+/-0.036 χ^2/NDF : 557057.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug



Right In: -185.541 $\pm$ 1.406 χ^2 /NDF: 2592.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -175.634 $\pm$ 1.239 χ^2 /NDF: 3300.6/13

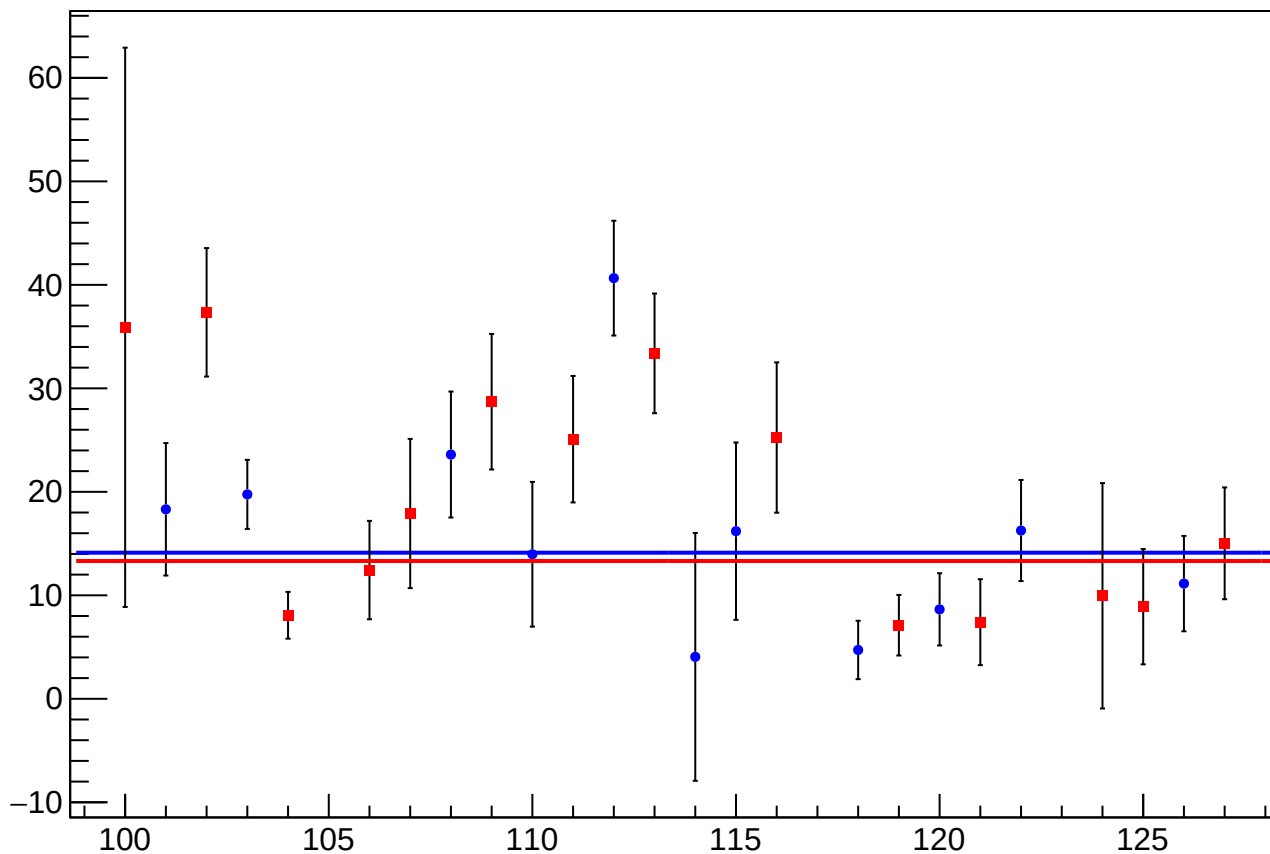
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -179.965 $\pm$ 0.930 χ^2 /NDF: 5921.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 14.120 $\pm$ 1.398 χ^2 /NDF: 43.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.317 $\pm$ 1.255 χ^2 /NDF: 52.8/13

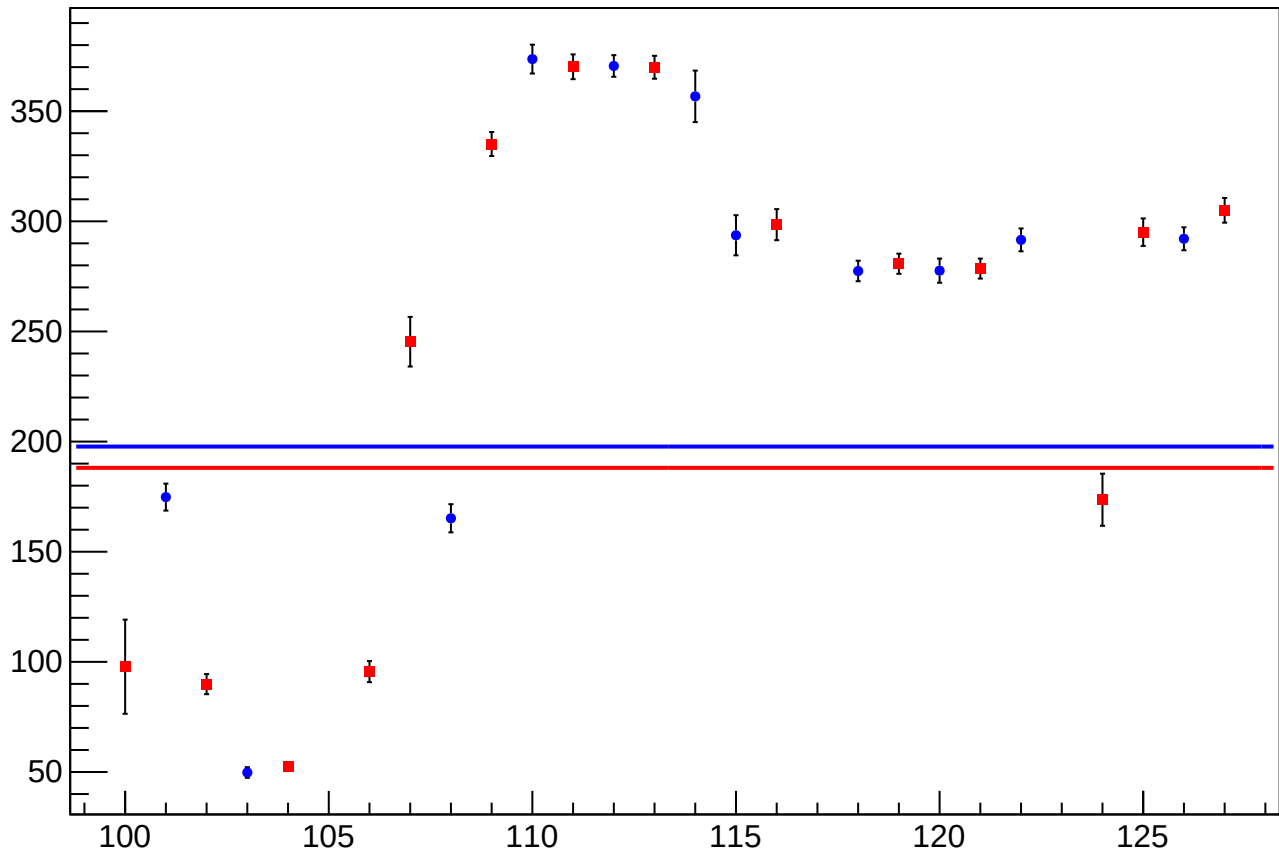
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13.675 $\pm$ 0.934 χ^2 /NDF: 96.5/24

- 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: 197.747 $\pm$ 1.473 χ^2 /NDF: 7228.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 188.085 $\pm$ 1.314 χ^2 /NDF: 9229.4/13

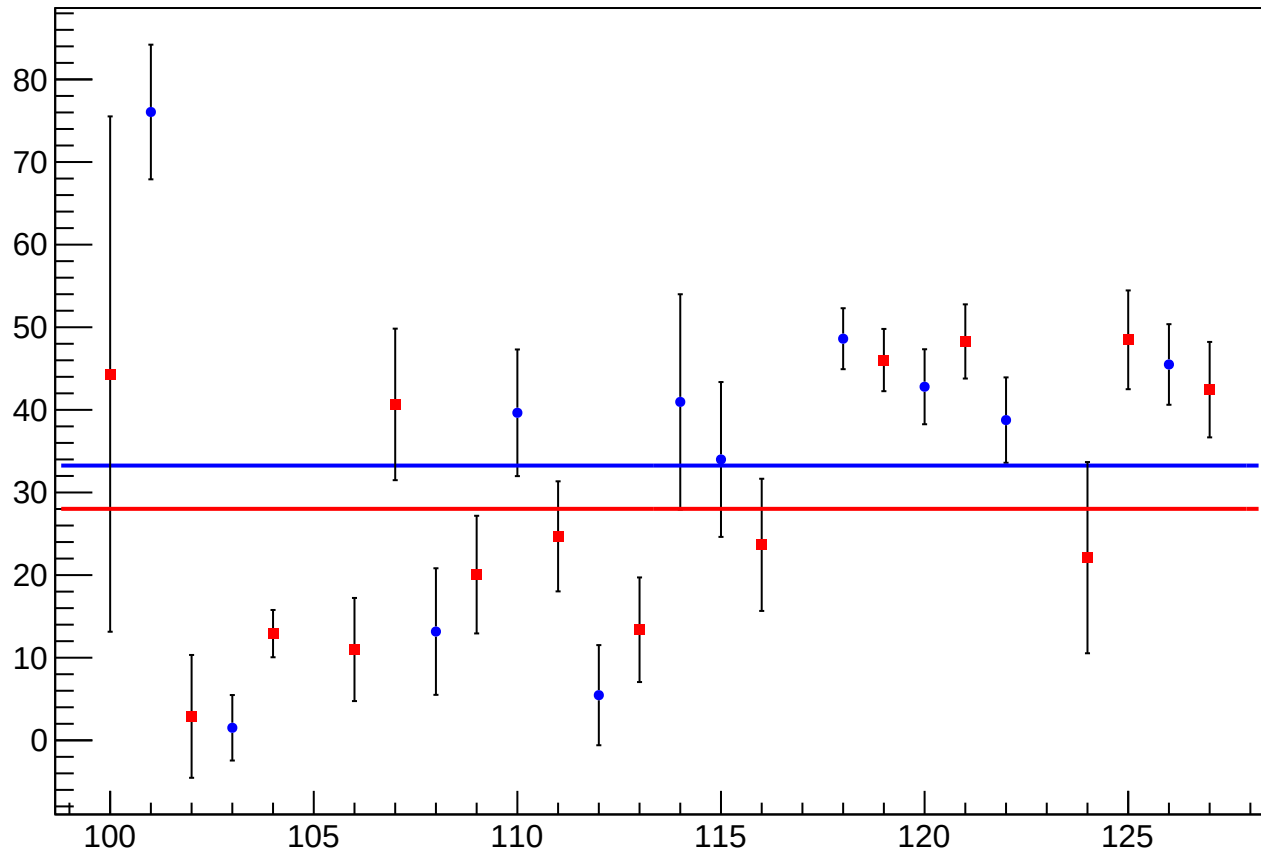
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 192.367 $\pm$ 0.980 χ^2 /NDF: 16481.9/24

- 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: 33.258+/-1.670 χ^2/NDF : 149.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.019+/-1.496 χ^2/NDF : 117.5/13

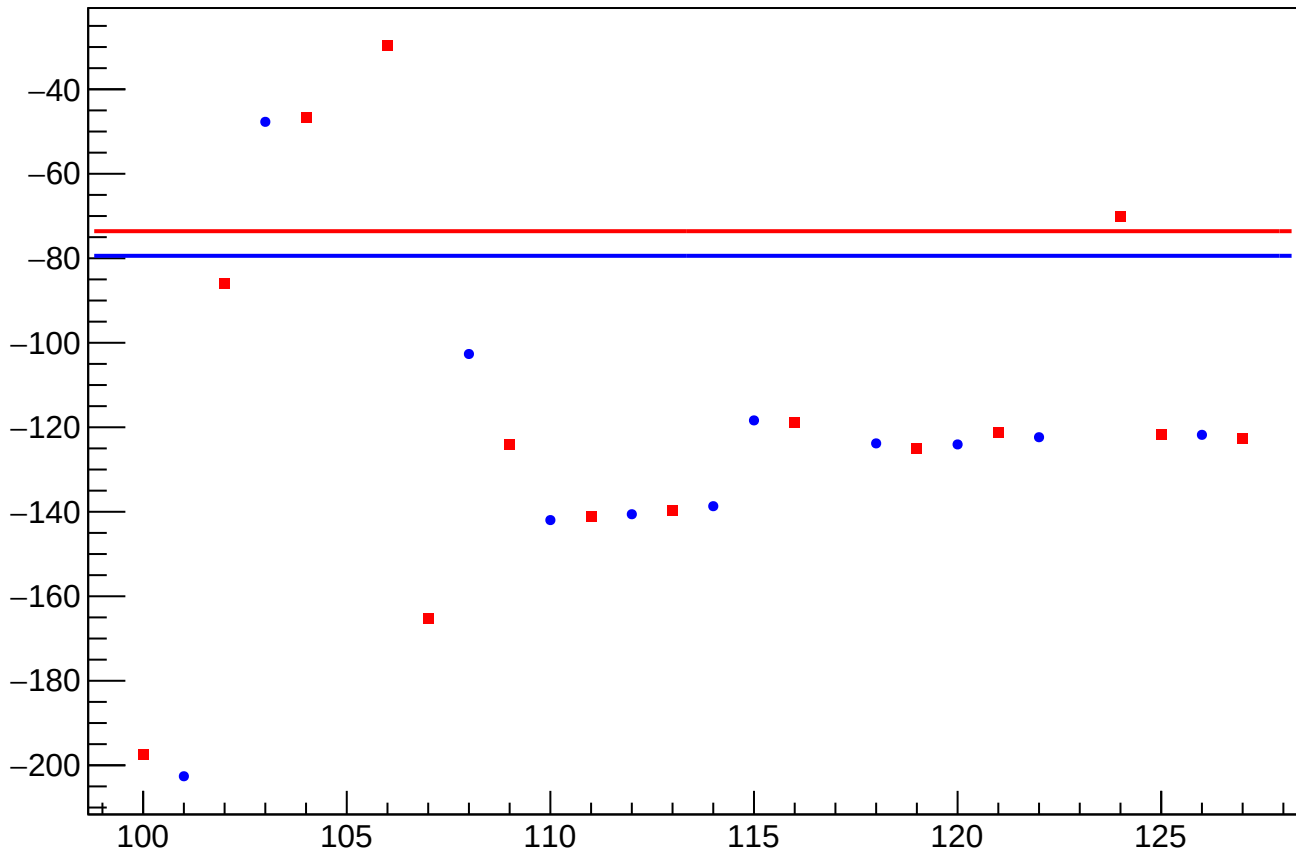
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.351+/-1.114 χ^2/NDF : 272.7/24

- 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: -79.416 $\pm$ 0.079 χ^2 /NDF: 316091.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -73.588 $\pm$ 0.073 χ^2 /NDF: 297693.4/13

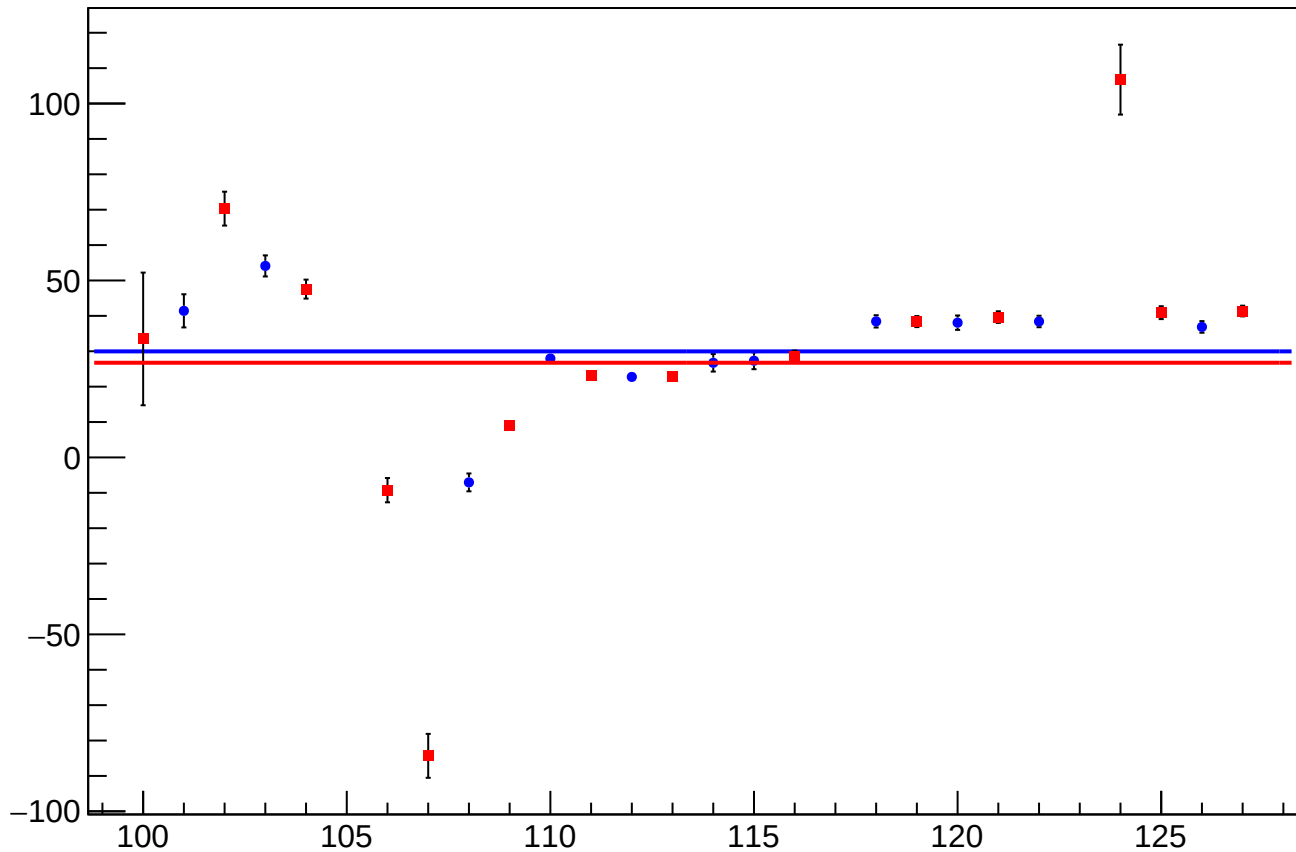
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -76.273 $\pm$ 0.054 χ^2 /NDF: 616720.2/24

- 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: 29.965+/-0.545 χ^2 /NDF: 419.2/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 26.754+/-0.476 χ^2 /NDF: 1201.6/13

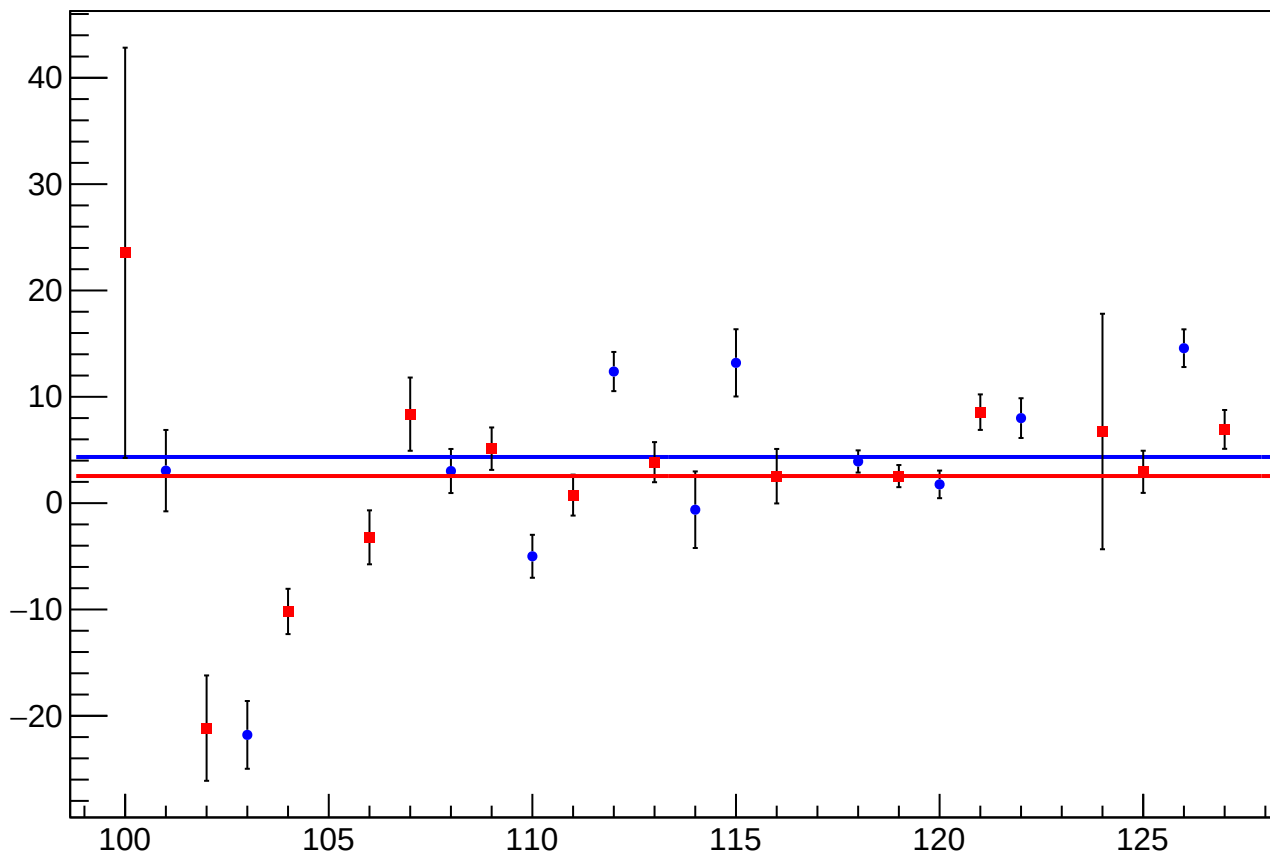
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 28.142+/-0.359 χ^2 /NDF: 1640.5/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 4.342+/-0.556 χ^2/NDF : 159.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.551+/-0.550 χ^2/NDF : 89.8/13

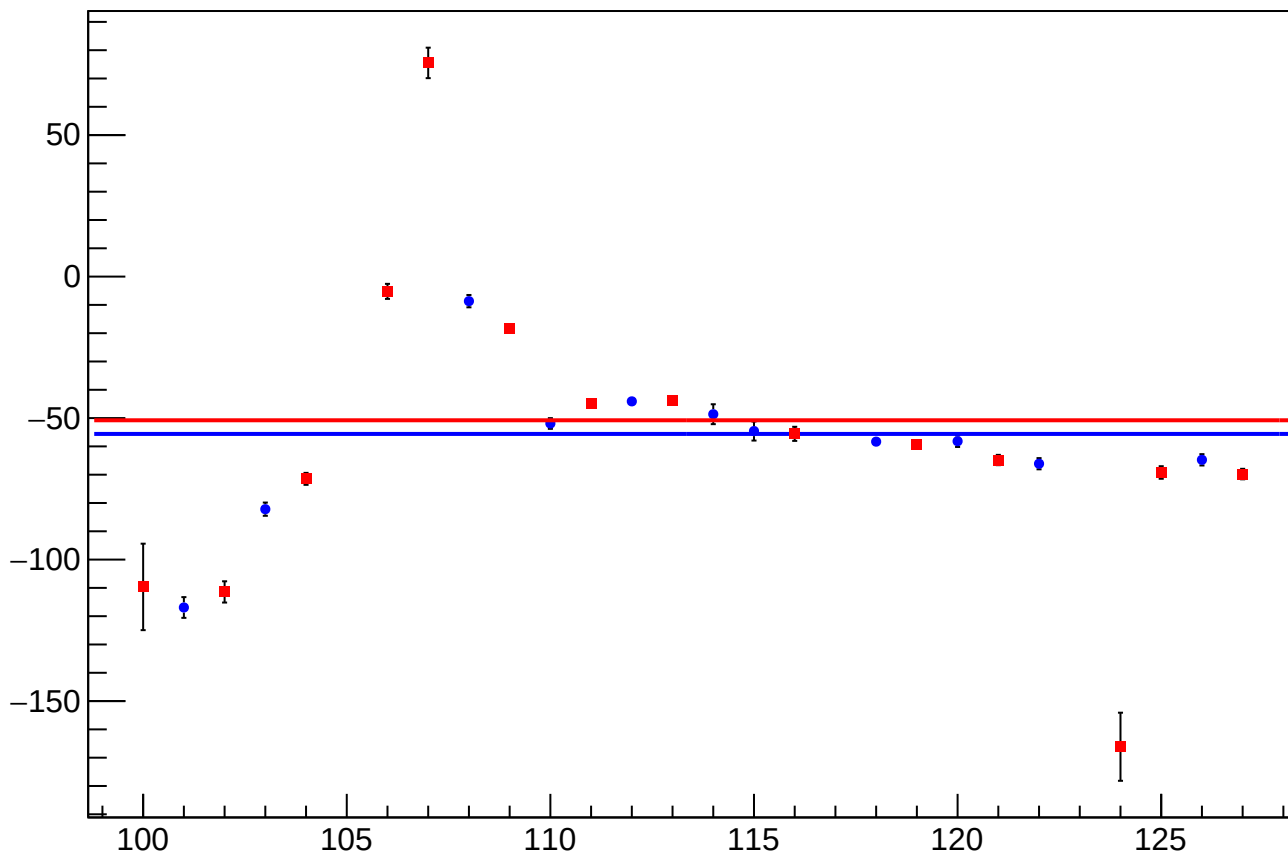
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.437+/-0.391 χ^2/NDF : 254.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -55.597 ± 0.649 χ^2/NDF : 984.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -50.774 ± 0.590 χ^2/NDF : 2007.8/13

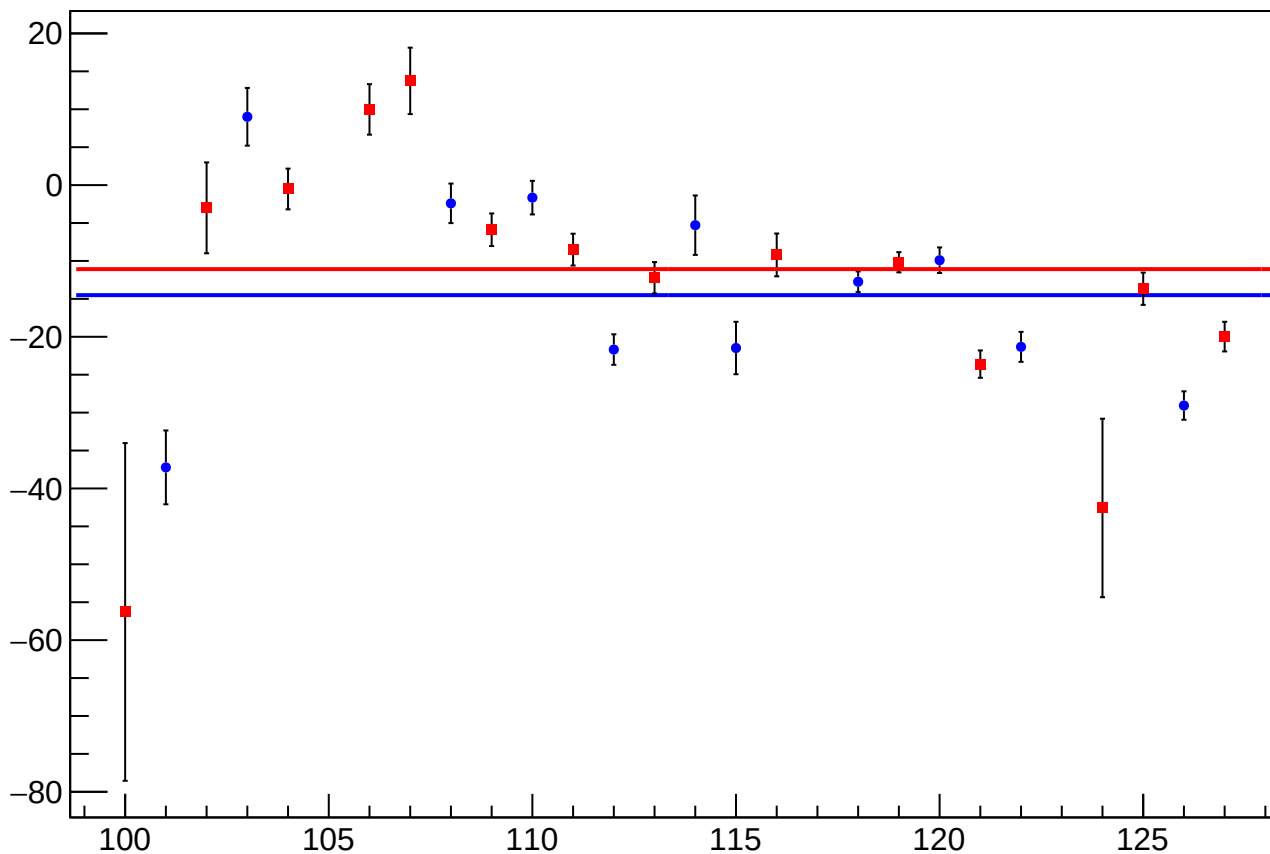
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -52.956 ± 0.436 χ^2/NDF : 3022.5/24

- 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: -14.509 ± 0.661 χ^2/NDF : 218.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -11.079 ± 0.636 χ^2/NDF : 179.7/13

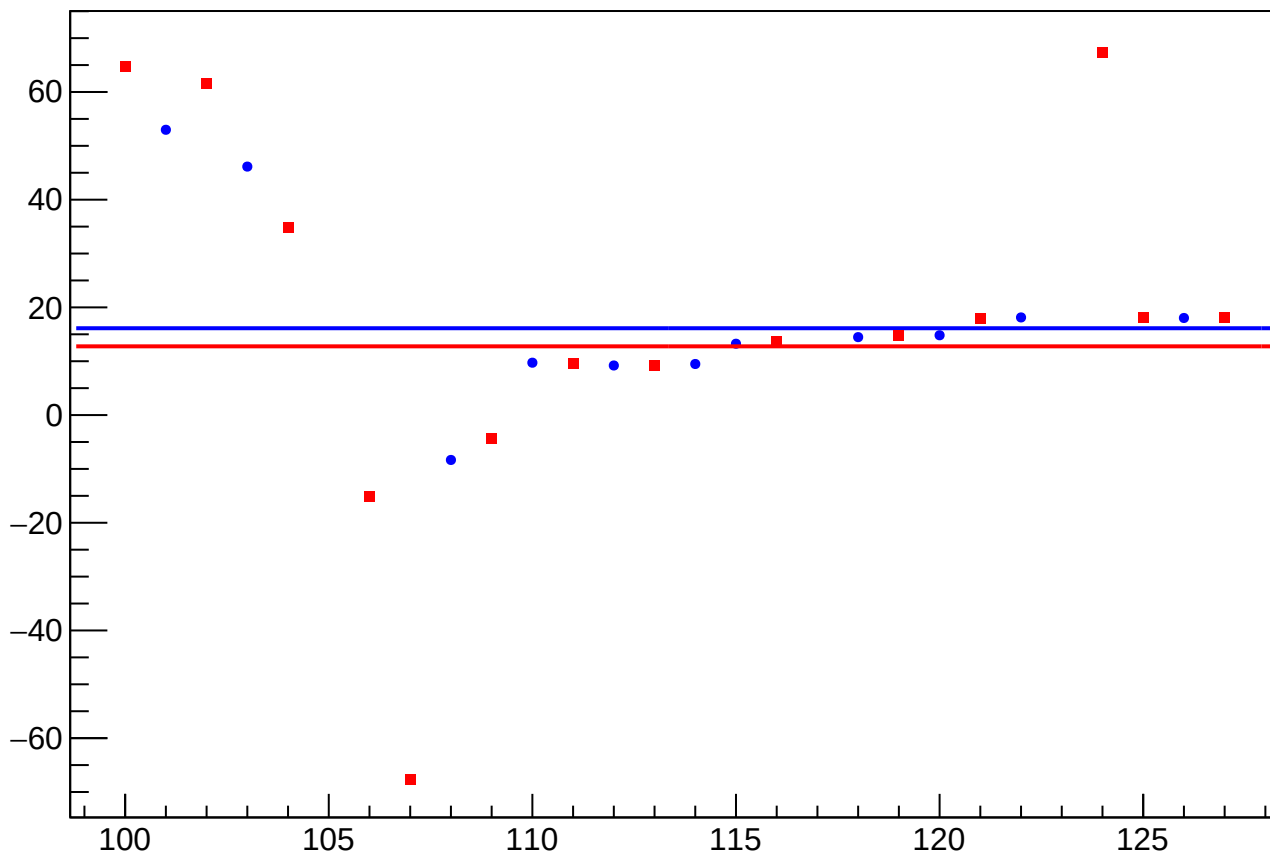
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -12.728 ± 0.458 χ^2/NDF : 412.5/24

- 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: 16.127 $\pm$ 0.042 χ^2 /NDF: 204612.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 12.764 $\pm$ 0.040 χ^2 /NDF: 351042.5/13

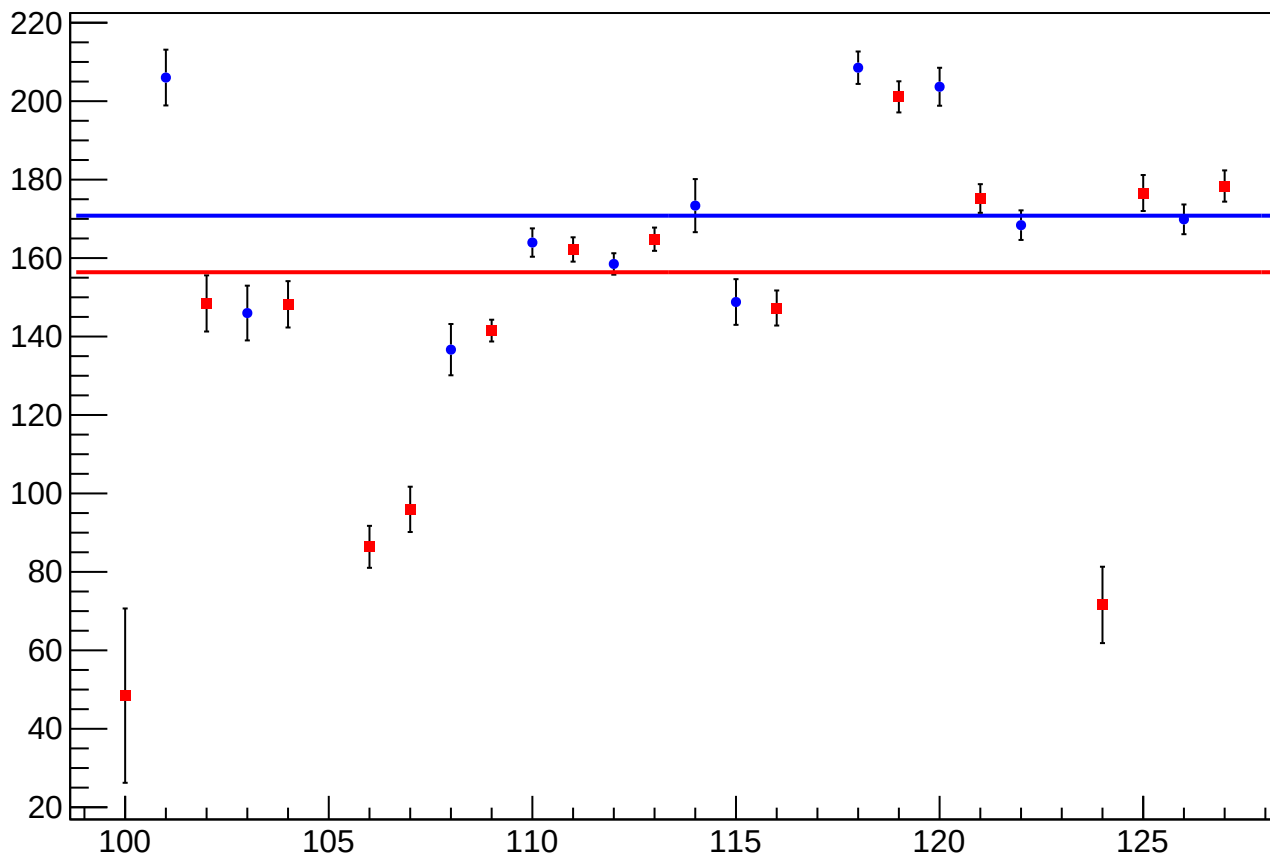
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14.376 $\pm$ 0.029 χ^2 /NDF: 558964.7/24

- 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: 170.809 $\pm$ 1.328 χ^2 /NDF: 232.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 156.395 $\pm$ 1.138 χ^2 /NDF: 631.2/13

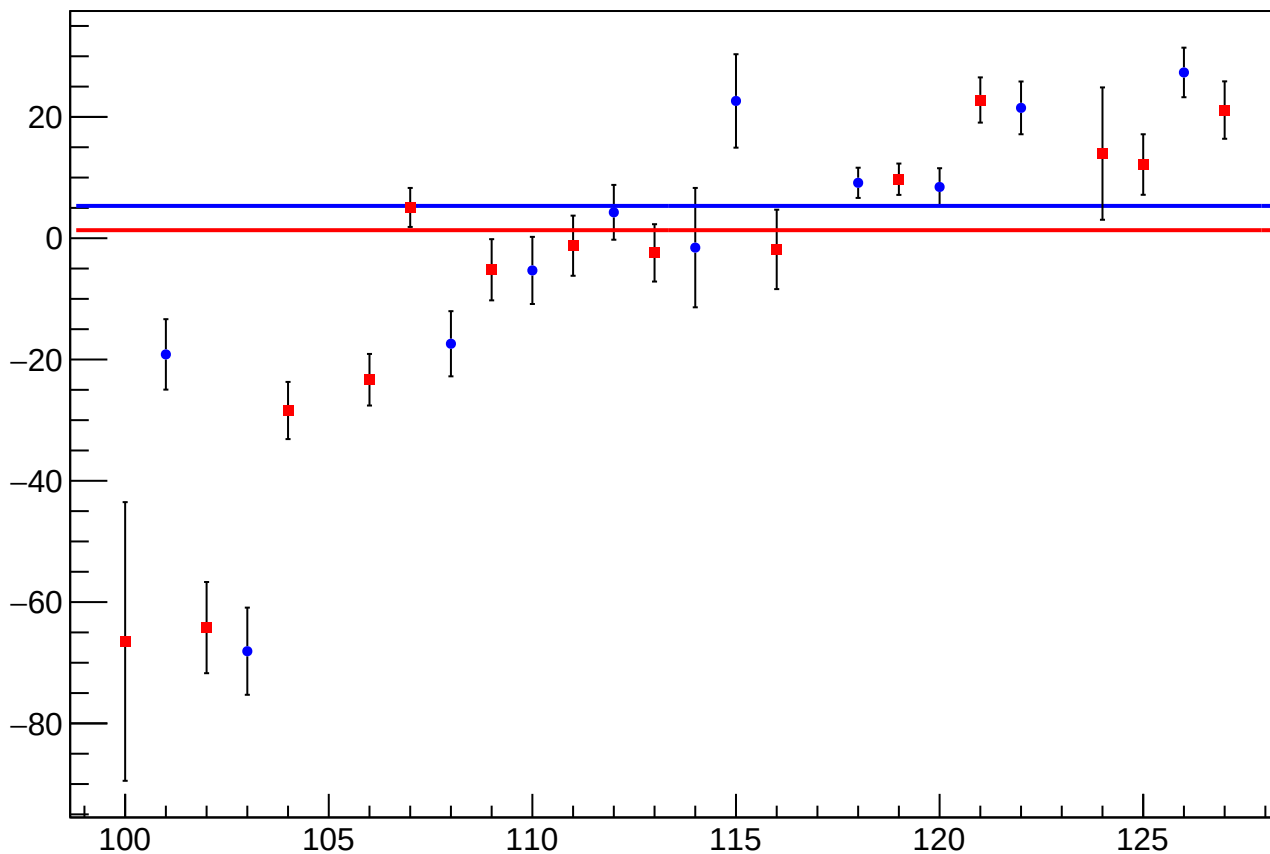
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 162.495 $\pm$ 0.864 χ^2 /NDF: 931.8/24

- 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: 5.328+/-1.323 χ^2/NDF : 195.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.325+/-1.213 χ^2/NDF : 229.5/13

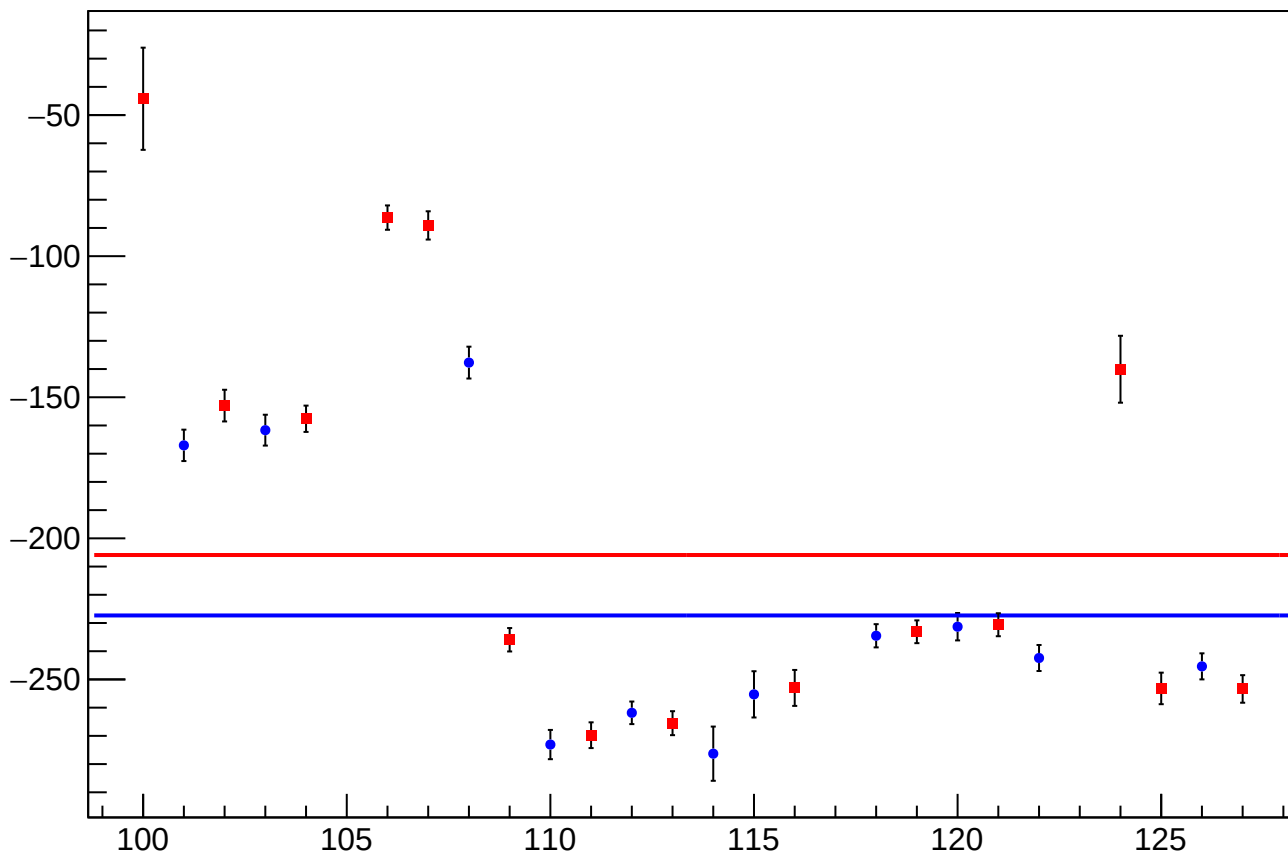
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.153+/-0.894 χ^2/NDF : 430.0/24

- 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: -227.328+/-1.547 χ^2/NDF : 733.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -205.907+/-1.333 χ^2/NDF : 2366.3/13

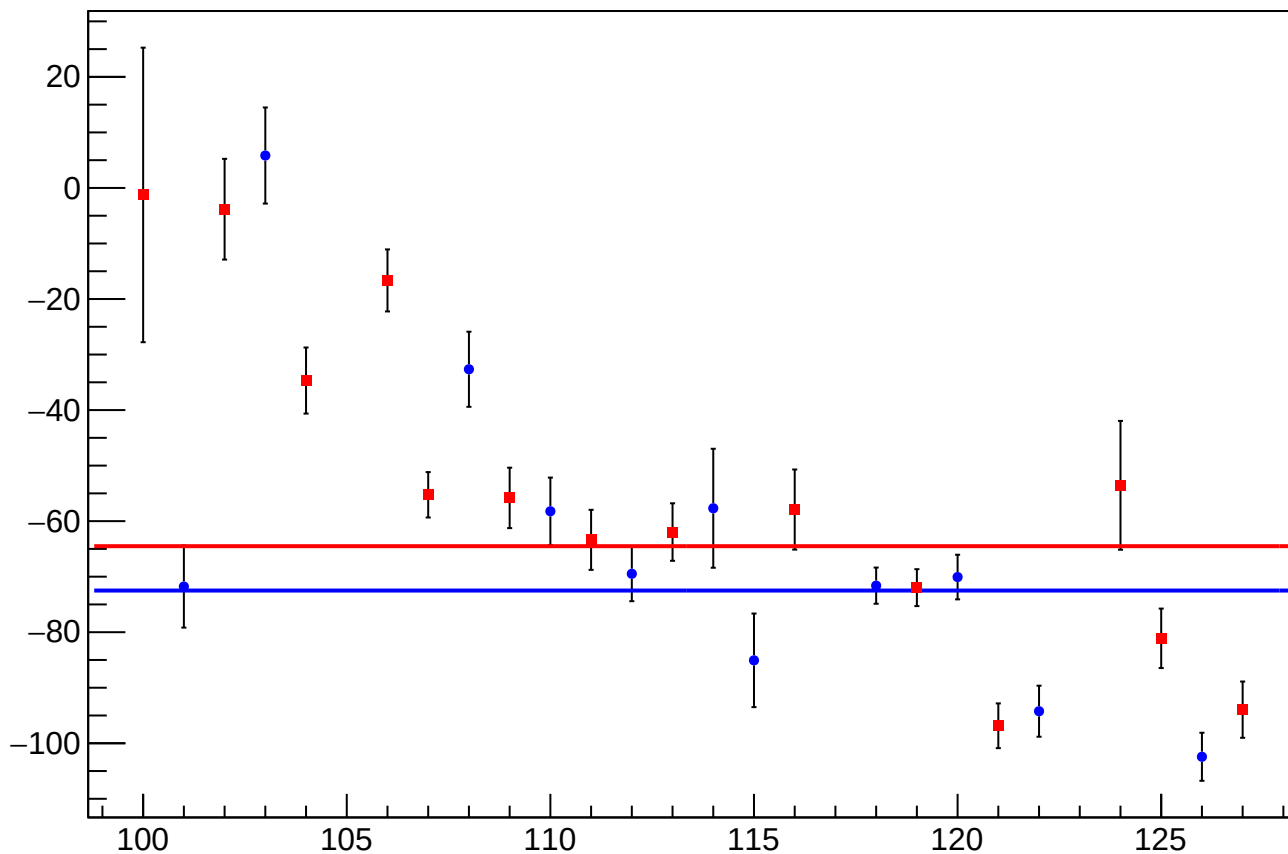
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -215.033+/-1.010 χ^2/NDF : 3209.7/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -72.500+/-1.578 χ^2/NDF : 197.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -64.510+/-1.426 χ^2/NDF : 271.6/13

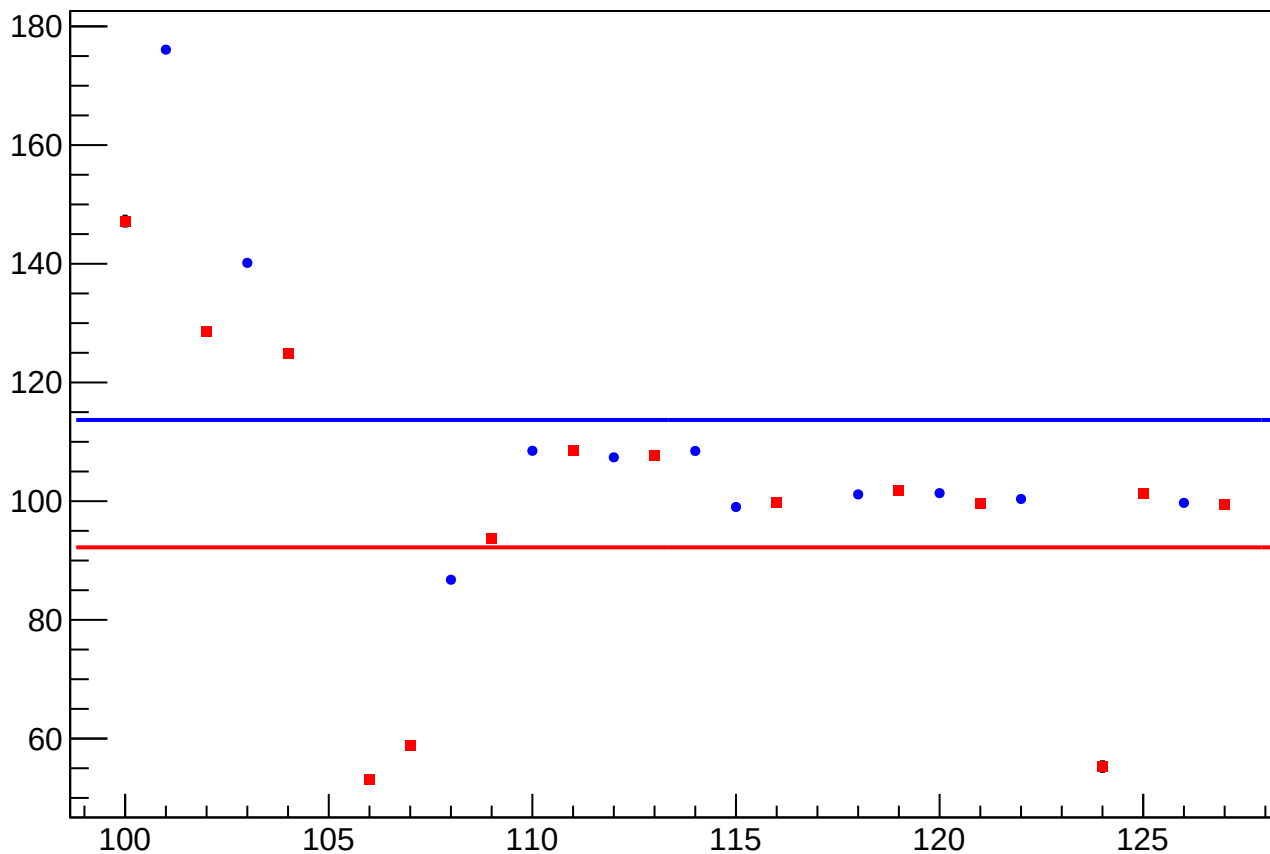
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -68.101+/-1.058 χ^2/NDF : 483.1/24

- 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: 113.684 $\pm$ 0.101 χ^2 /NDF: 68708.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 92.219 $\pm$ 0.081 χ^2 /NDF: 122780.8/13

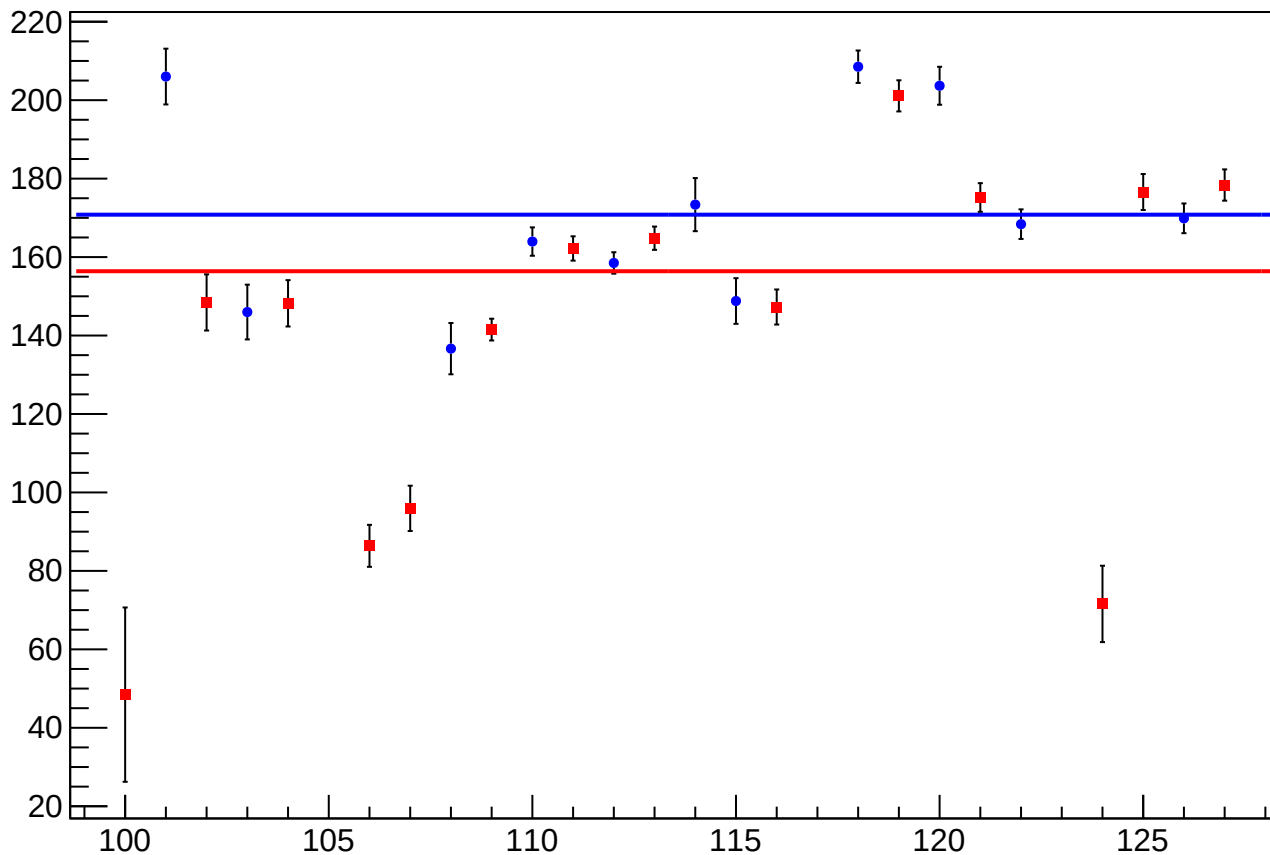
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 100.652 $\pm$ 0.063 χ^2 /NDF: 219091.1/24

- 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: 170.809 ± 1.328 χ^2/NDF : 232.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 156.395 ± 1.138 χ^2/NDF : 631.2/13

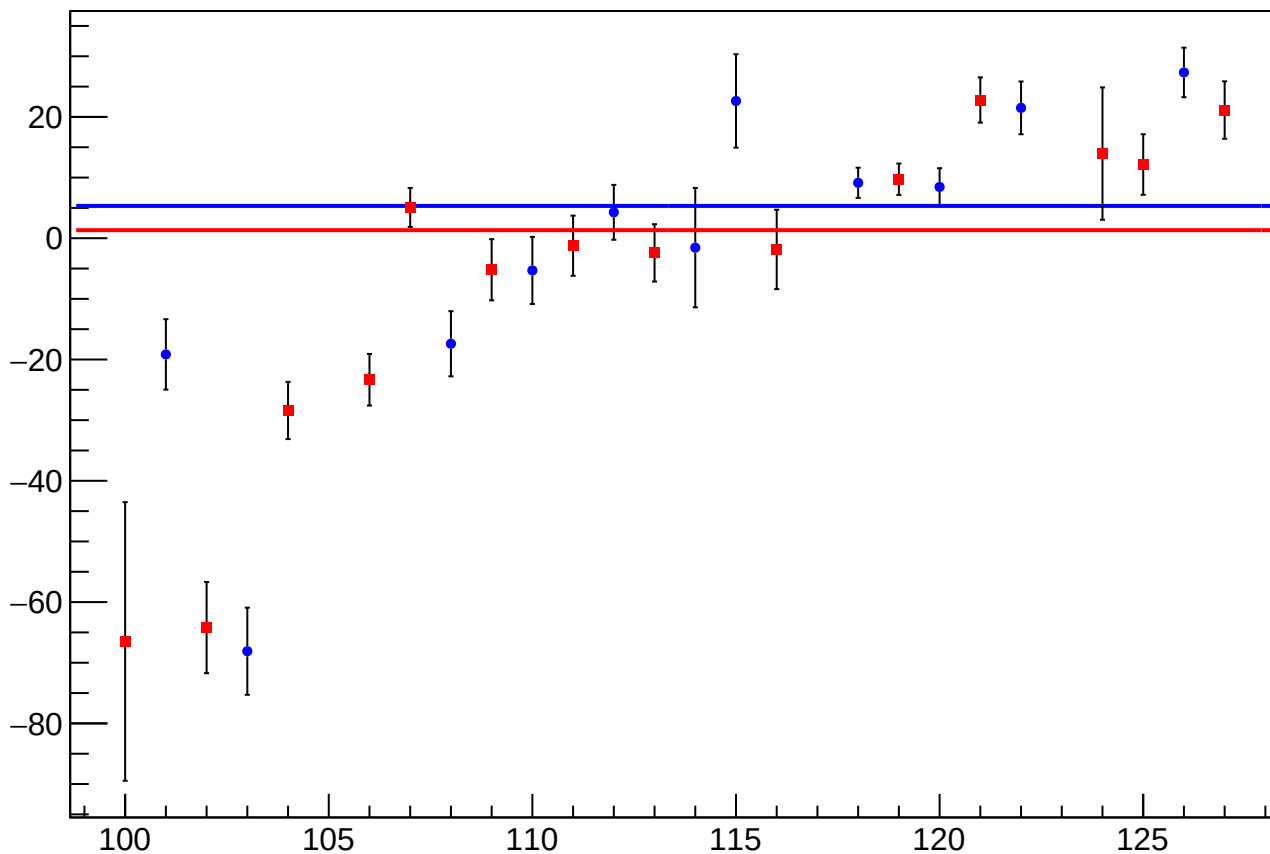
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 162.495 ± 0.864 χ^2/NDF : 931.8/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4aY_slope vs Slug



Right In: 5.328+/-1.323 χ^2/NDF : 195.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.325+/-1.213 χ^2/NDF : 229.5/13

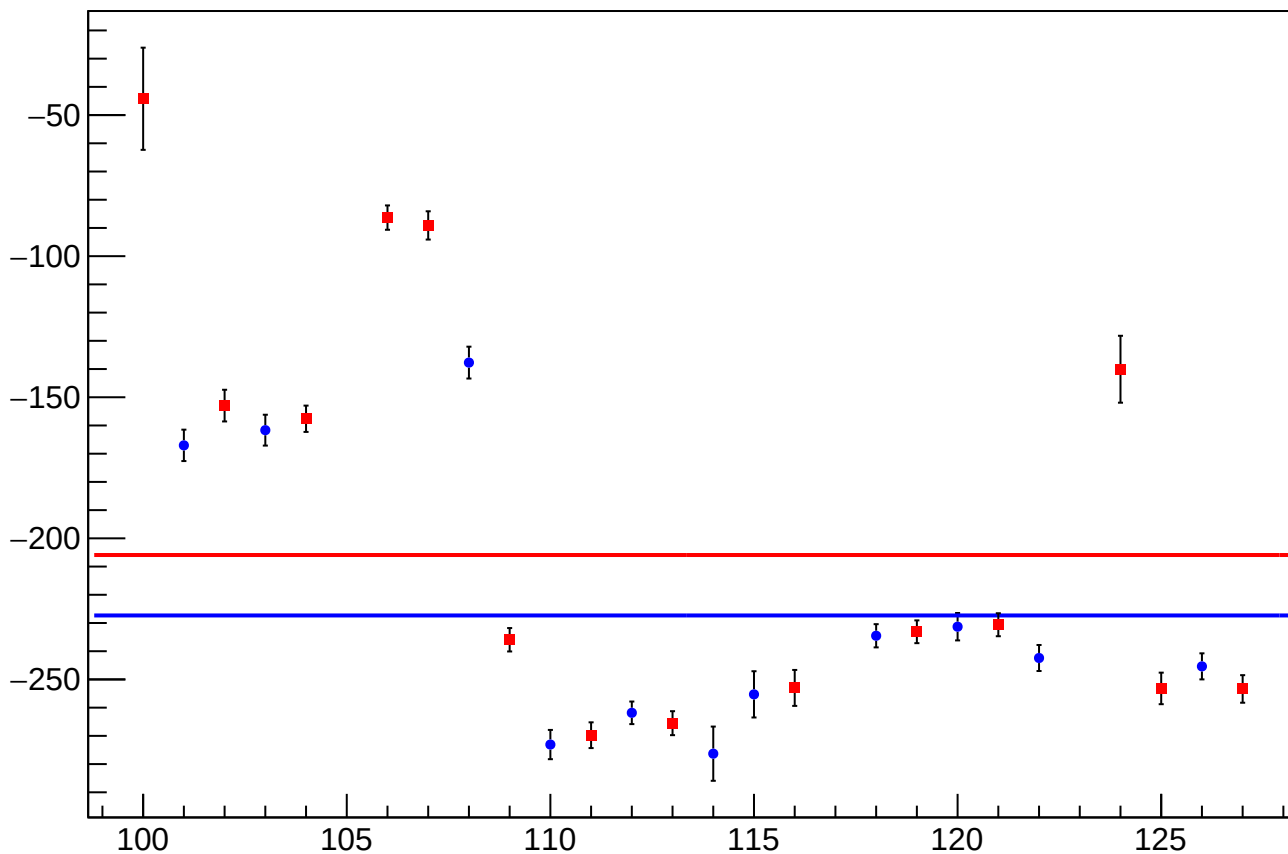
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.153+/-0.894 χ^2/NDF : 430.0/24

- 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: -227.328+/-1.547 χ^2/NDF : 733.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -205.907+/-1.333 χ^2/NDF : 2366.3/13

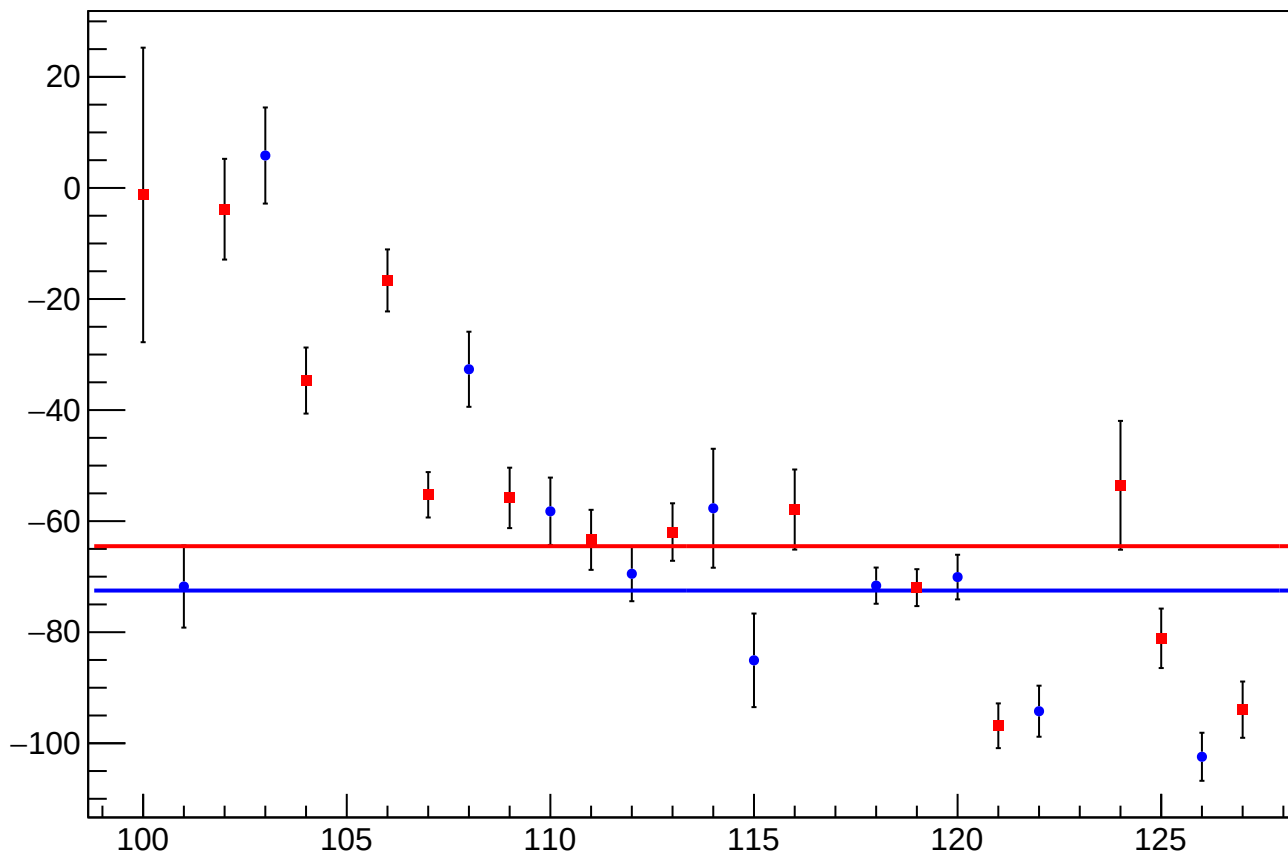
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -215.033+/-1.010 χ^2/NDF : 3209.7/24

- 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: -72.500 ± 1.578 χ^2/NDF : 197.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -64.510 ± 1.426 χ^2/NDF : 271.6/13

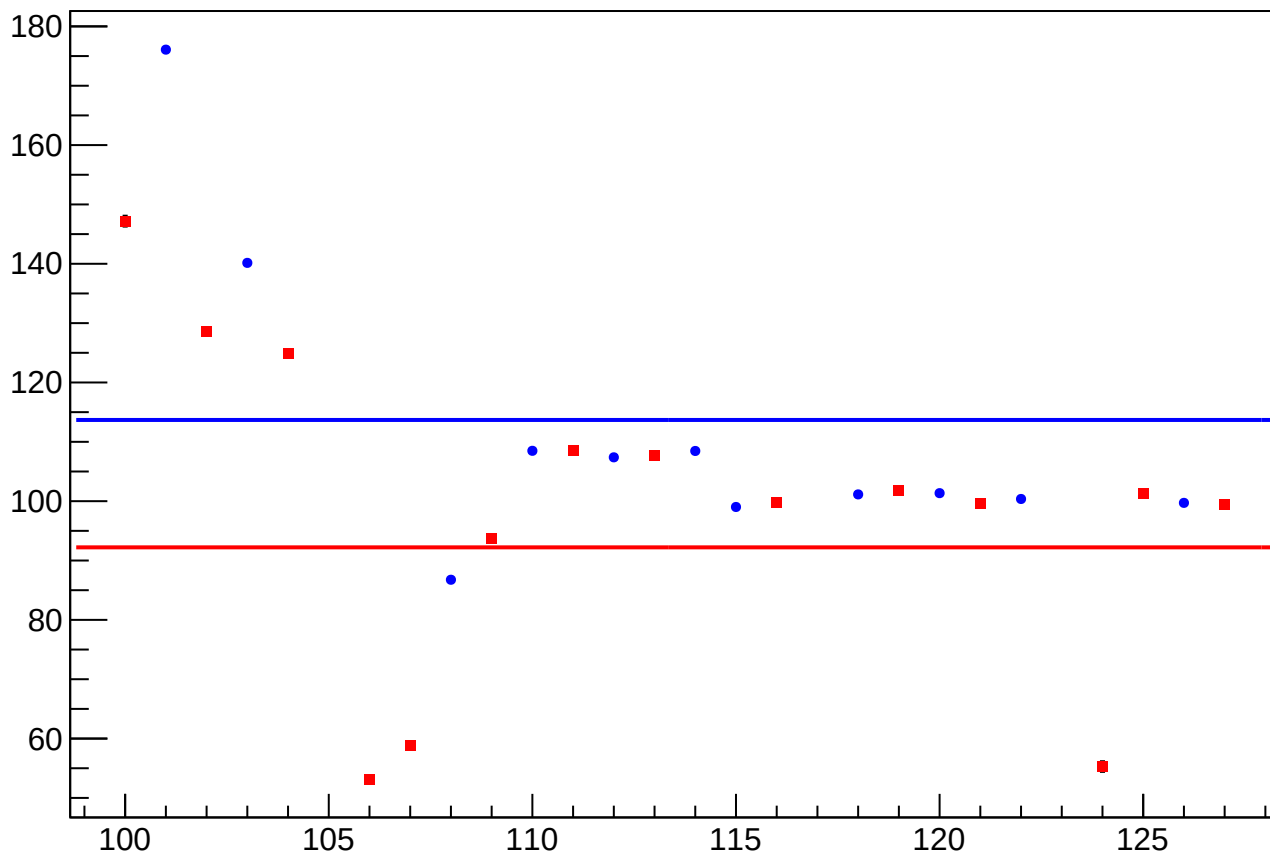
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -68.101 ± 1.058 χ^2/NDF : 483.1/24

- 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: 113.684 $\pm$ 0.101 χ^2 /NDF: 68708.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 92.219 $\pm$ 0.081 χ^2 /NDF: 122780.8/13

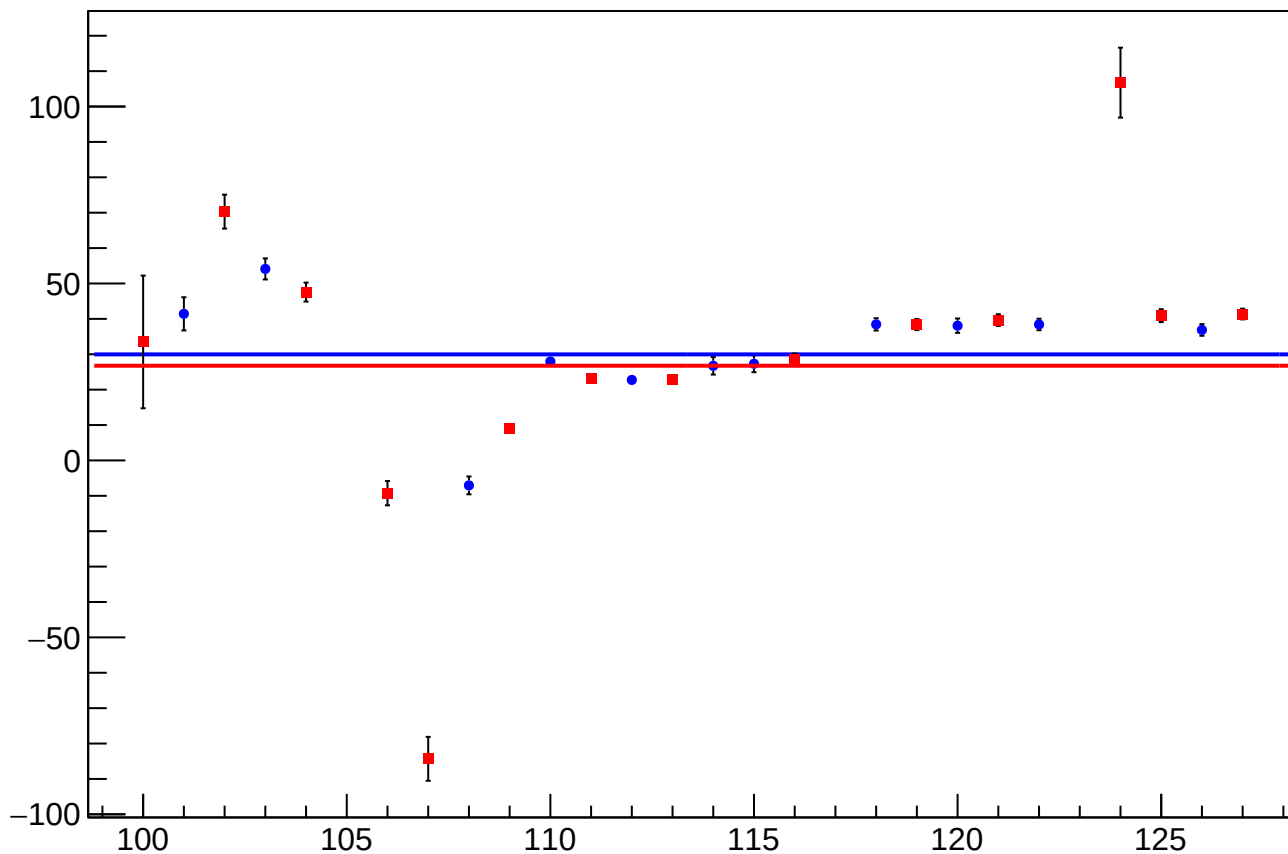
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 100.652 $\pm$ 0.063 χ^2 /NDF: 219091.1/24

- 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: 29.965+/-0.545 χ^2 /NDF: 419.2/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 26.754+/-0.476 χ^2 /NDF: 1201.6/13

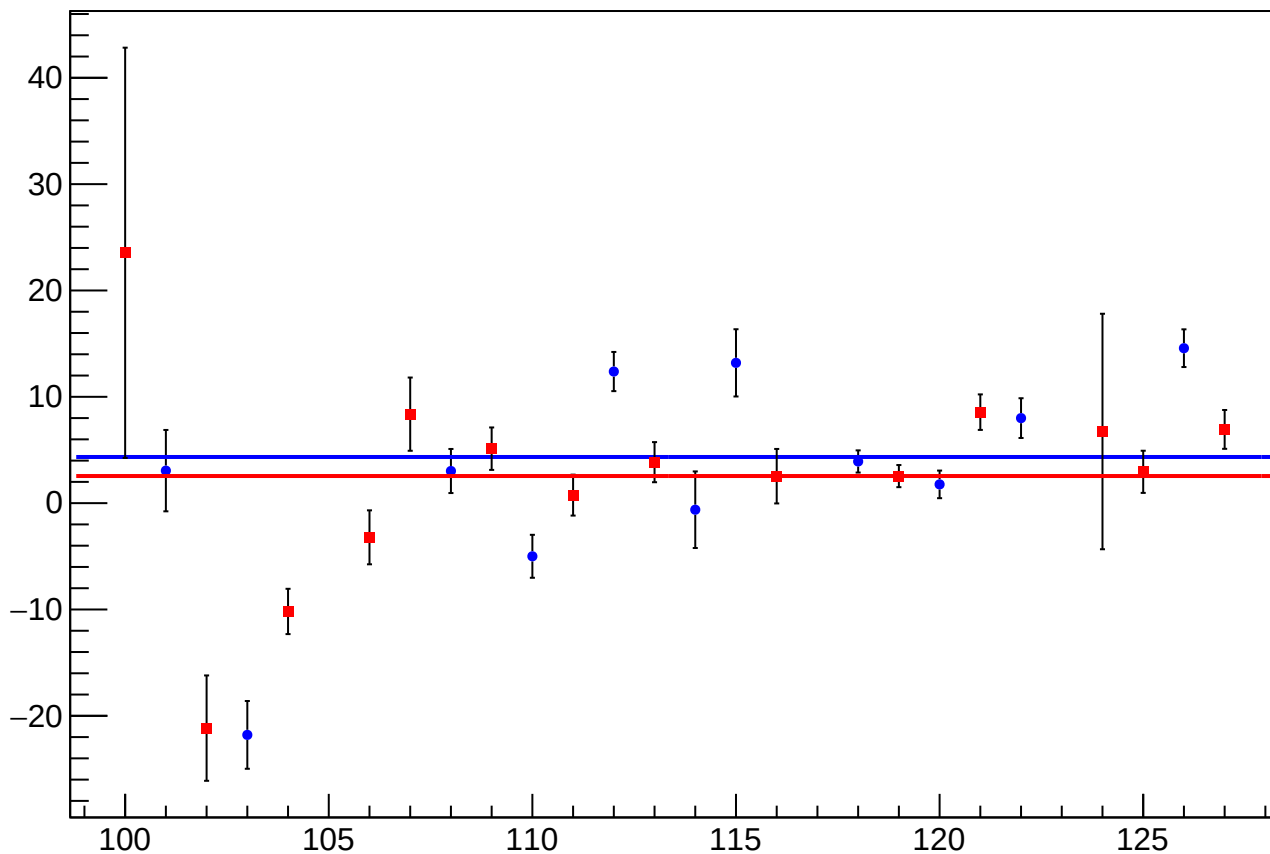
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 28.142+/-0.359 χ^2 /NDF: 1640.5/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 4.342 $\pm$ 0.556 χ^2 /NDF: 159.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.551 $\pm$ 0.550 χ^2 /NDF: 89.8/13

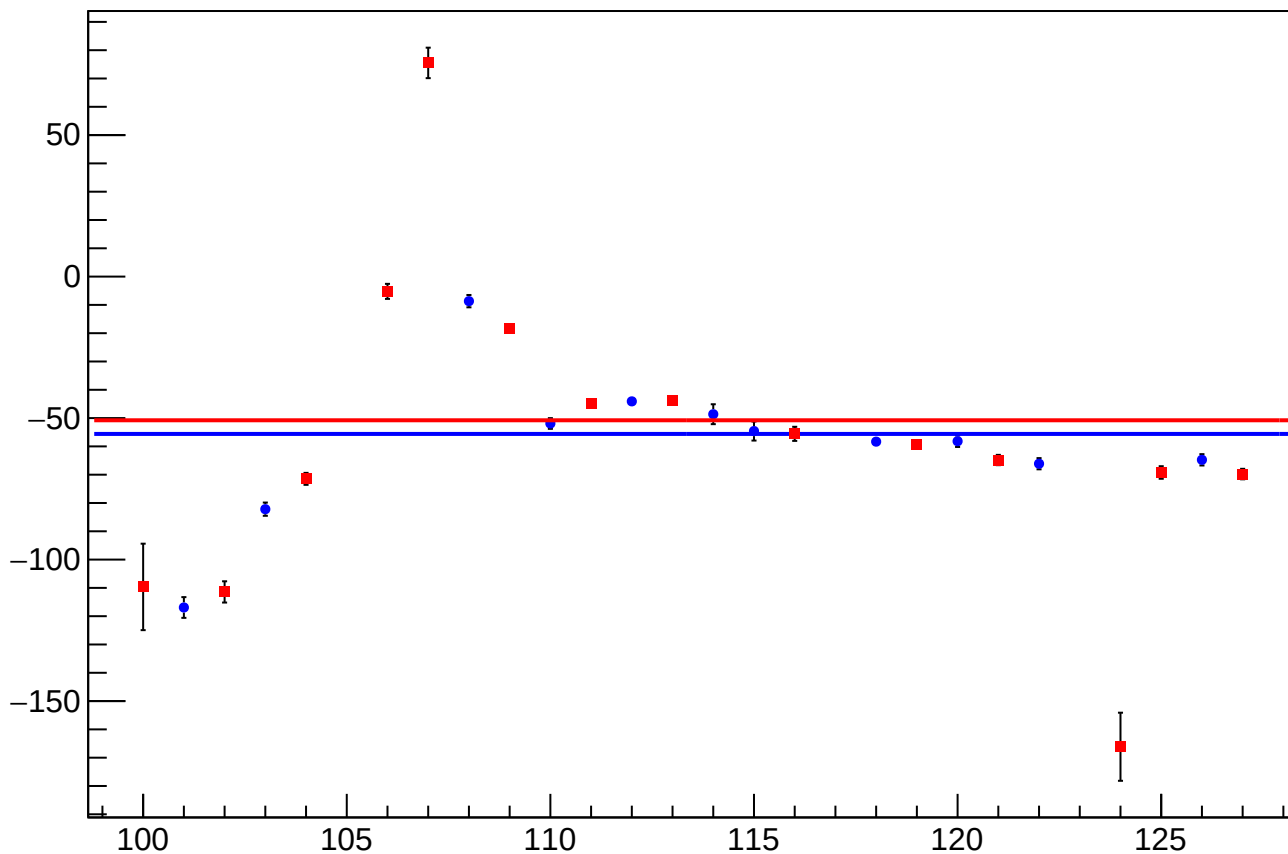
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.437 $\pm$ 0.391 χ^2 /NDF: 254.2/24

- 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: -55.597 ± 0.649 χ^2/NDF : 984.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -50.774 ± 0.590 χ^2/NDF : 2007.8/13

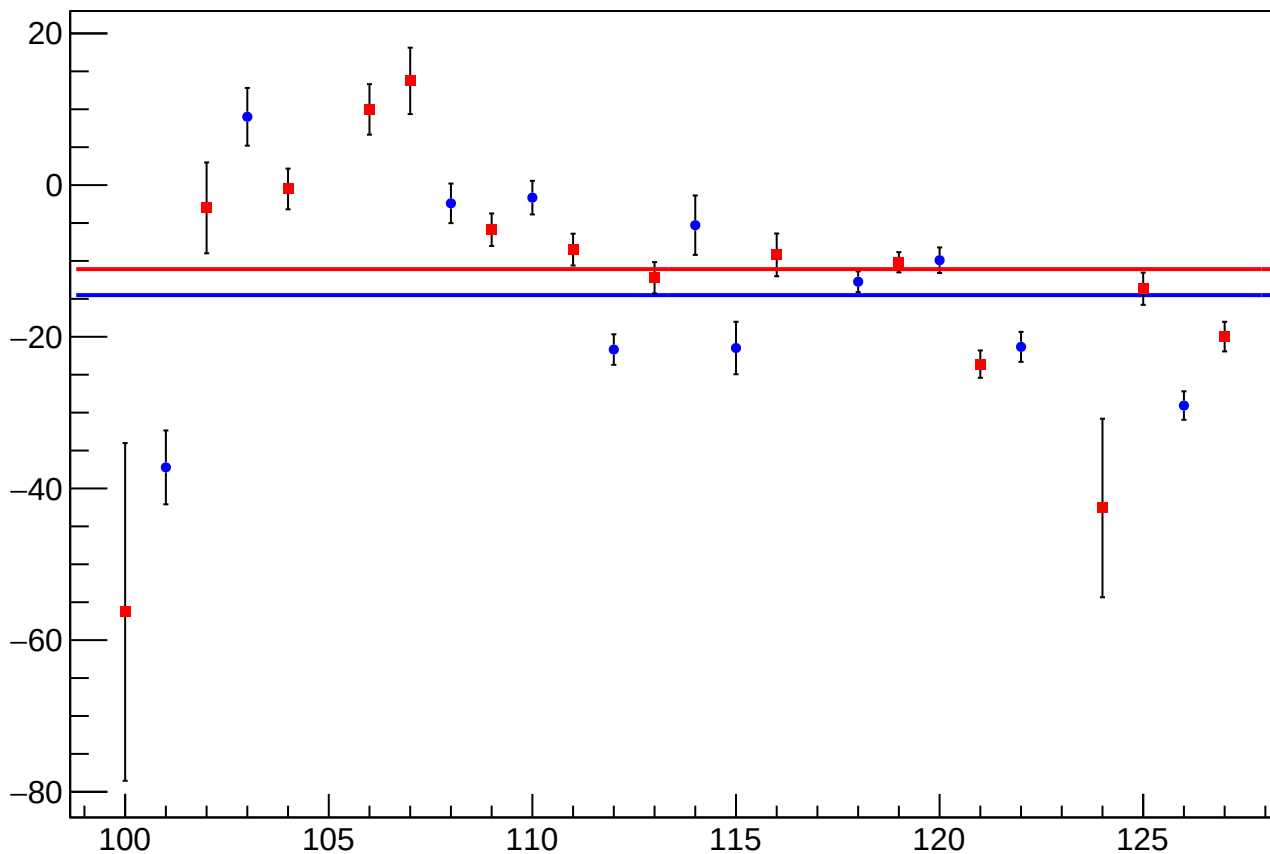
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -52.956 ± 0.436 χ^2/NDF : 3022.5/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -14.509 $\pm$ 0.661 χ^2 /NDF: 218.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -11.079 $\pm$ 0.636 χ^2 /NDF: 179.7/13

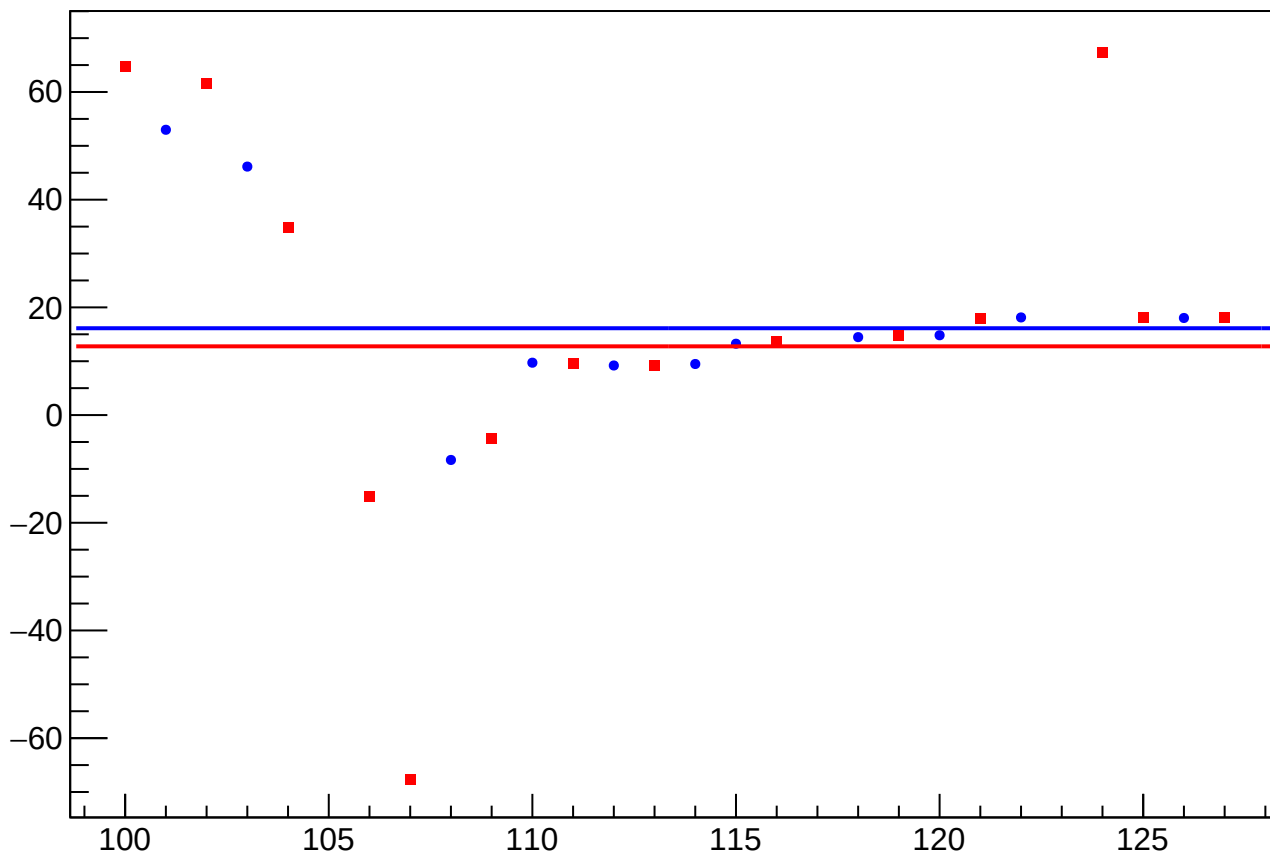
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -12.728 $\pm$ 0.458 χ^2 /NDF: 412.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm12X_slope vs Slug



Right In: 16.127 $\pm$ 0.042 χ^2 /NDF: 204612.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 12.764 $\pm$ 0.040 χ^2 /NDF: 351042.5/13

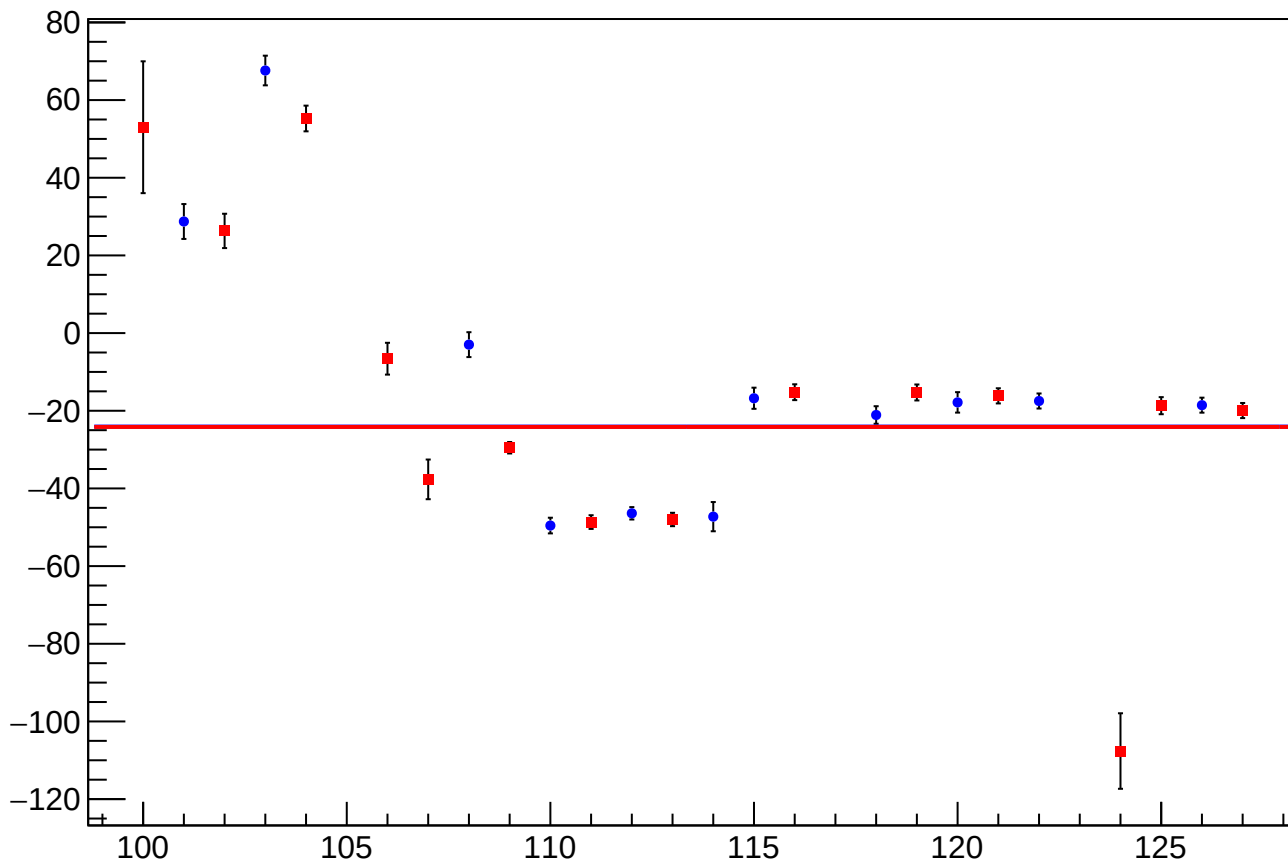
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14.376 $\pm$ 0.029 χ^2 /NDF: 558964.7/24

- 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: -24.078 $\pm$ 0.719 χ^2 /NDF: 1185.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -24.164 $\pm$ 0.622 χ^2 /NDF: 1289.1/13

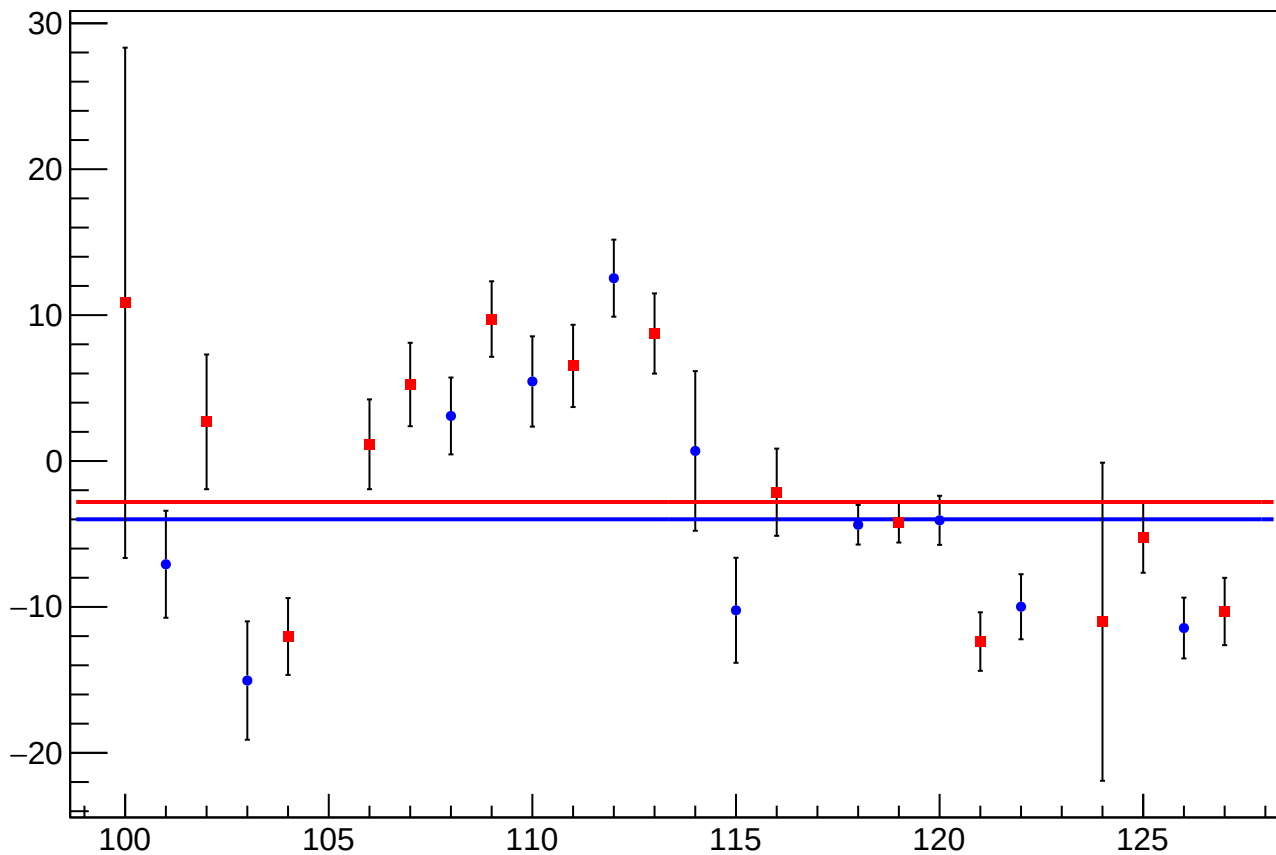
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -24.127 $\pm$ 0.471 χ^2 /NDF: 2474.5/24

- 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: -3.993 ± 0.713 χ^2/NDF : 87.7/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.808 ± 0.692 χ^2/NDF : 112.0/13

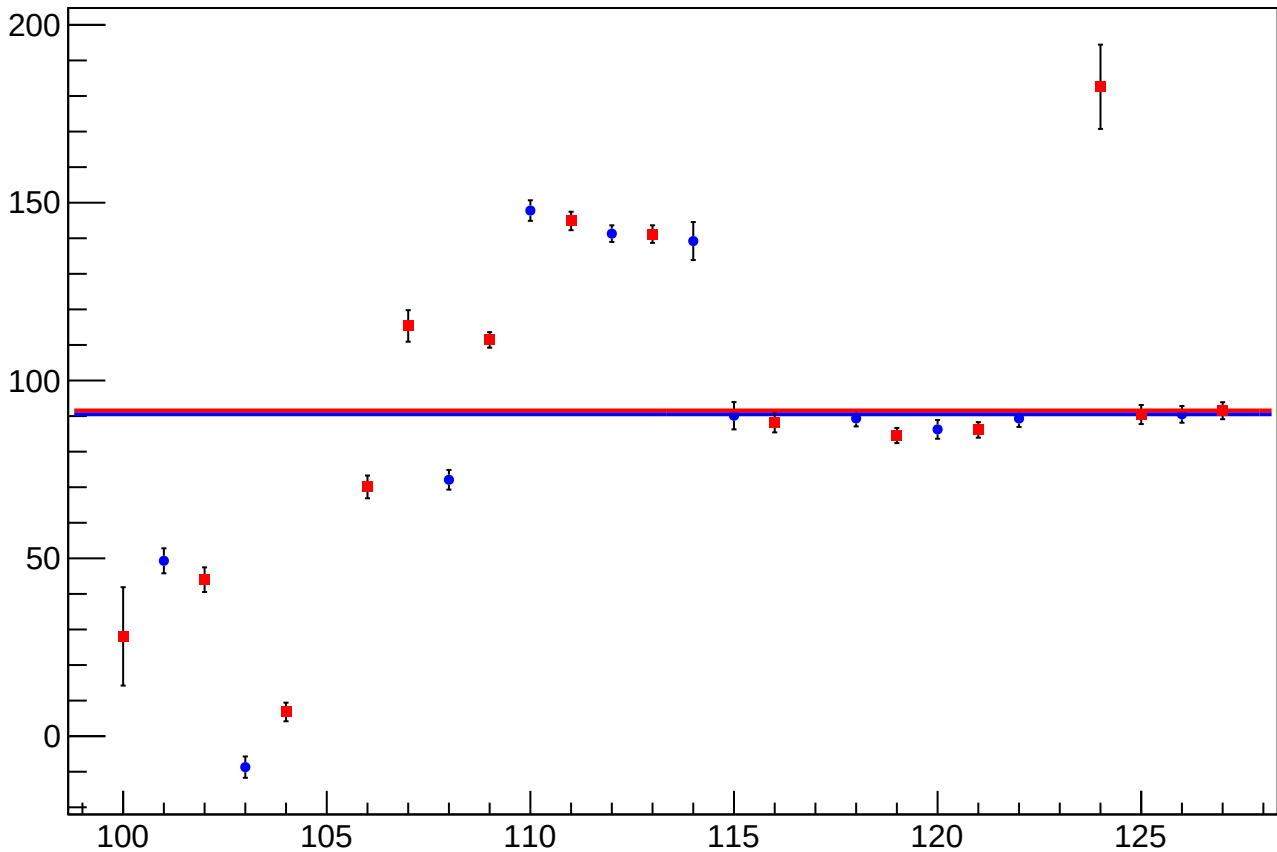
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.382 ± 0.496 χ^2/NDF : 201.1/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eX_slope vs Slug



Right In: 90.510+/-0.836 χ^2/NDF : 2229.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.574+/-0.750 χ^2/NDF : 2324.7/13

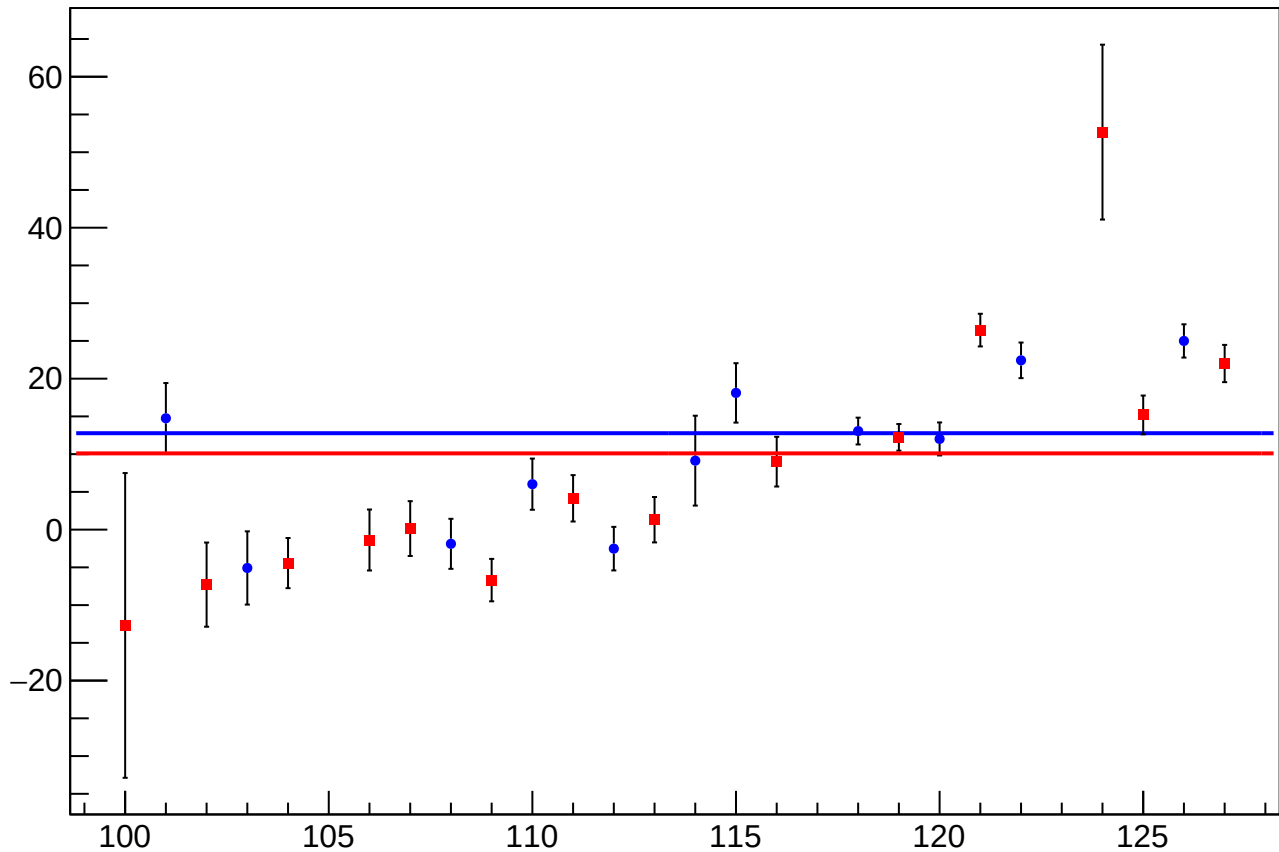
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.100+/-0.558 χ^2/NDF : 4555.1/24

- 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: 12.774 $\pm$ 0.848 χ^2 /NDF: 115.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.102 $\pm$ 0.802 χ^2 /NDF: 193.0/13

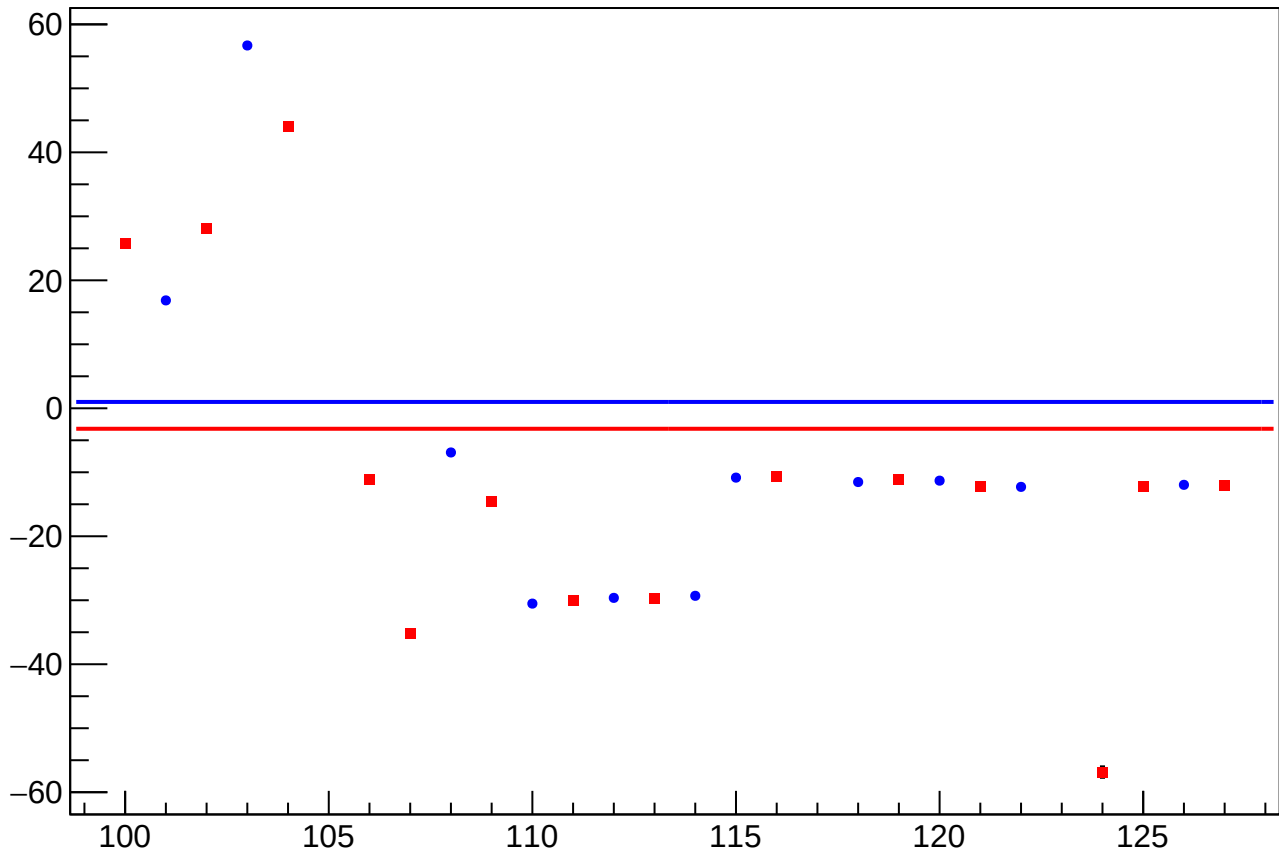
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.363 $\pm$ 0.582 χ^2 /NDF: 313.5/24

- 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: 0.993+/-0.054 χ^2/NDF : 278113.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.200+/-0.049 χ^2/NDF : 275639.2/13

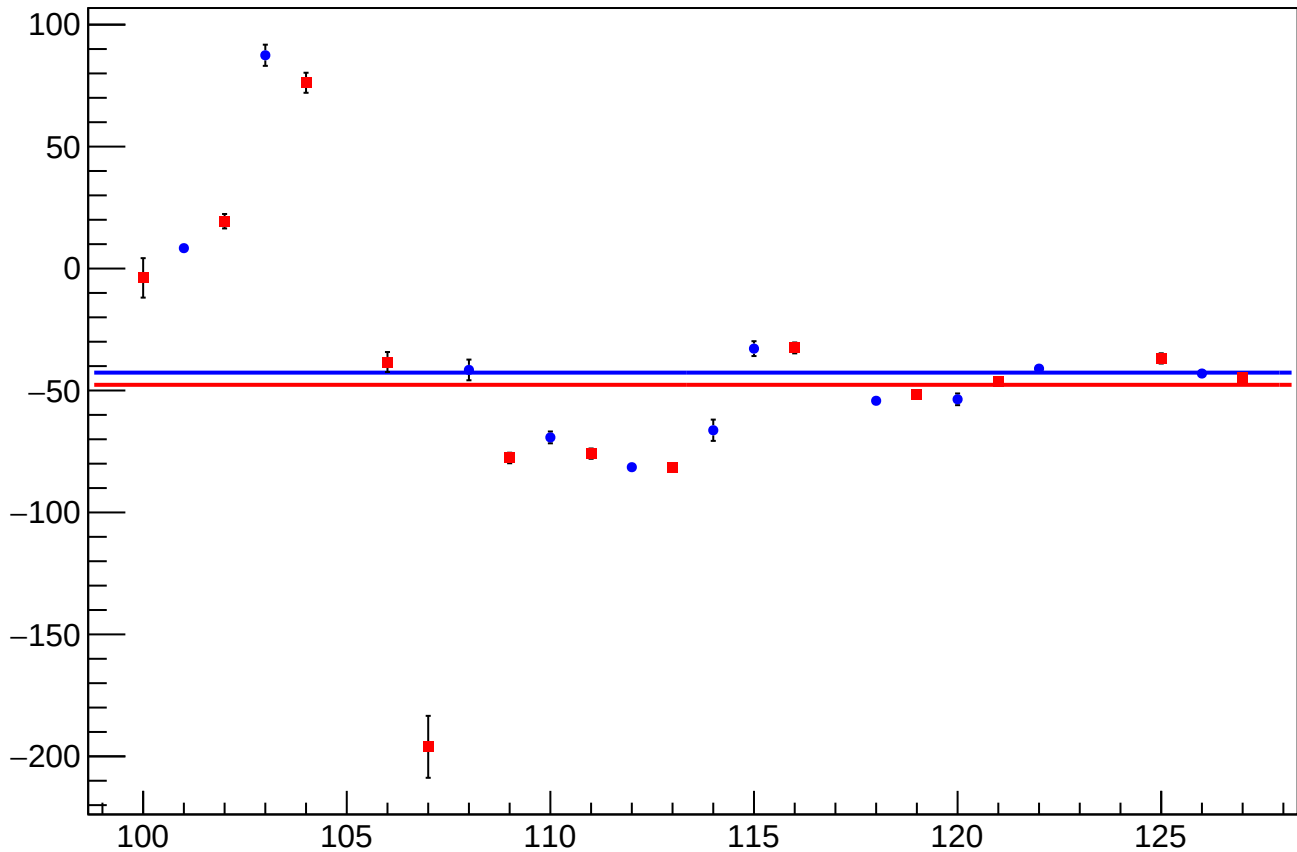
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.288+/-0.036 χ^2/NDF : 557057.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_avg_diff_bpm1X_slope vs Slug



Right In: -42.671 ± 0.721 χ^2/NDF : 2170.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -47.673 ± 0.665 χ^2/NDF : 2326.9/12

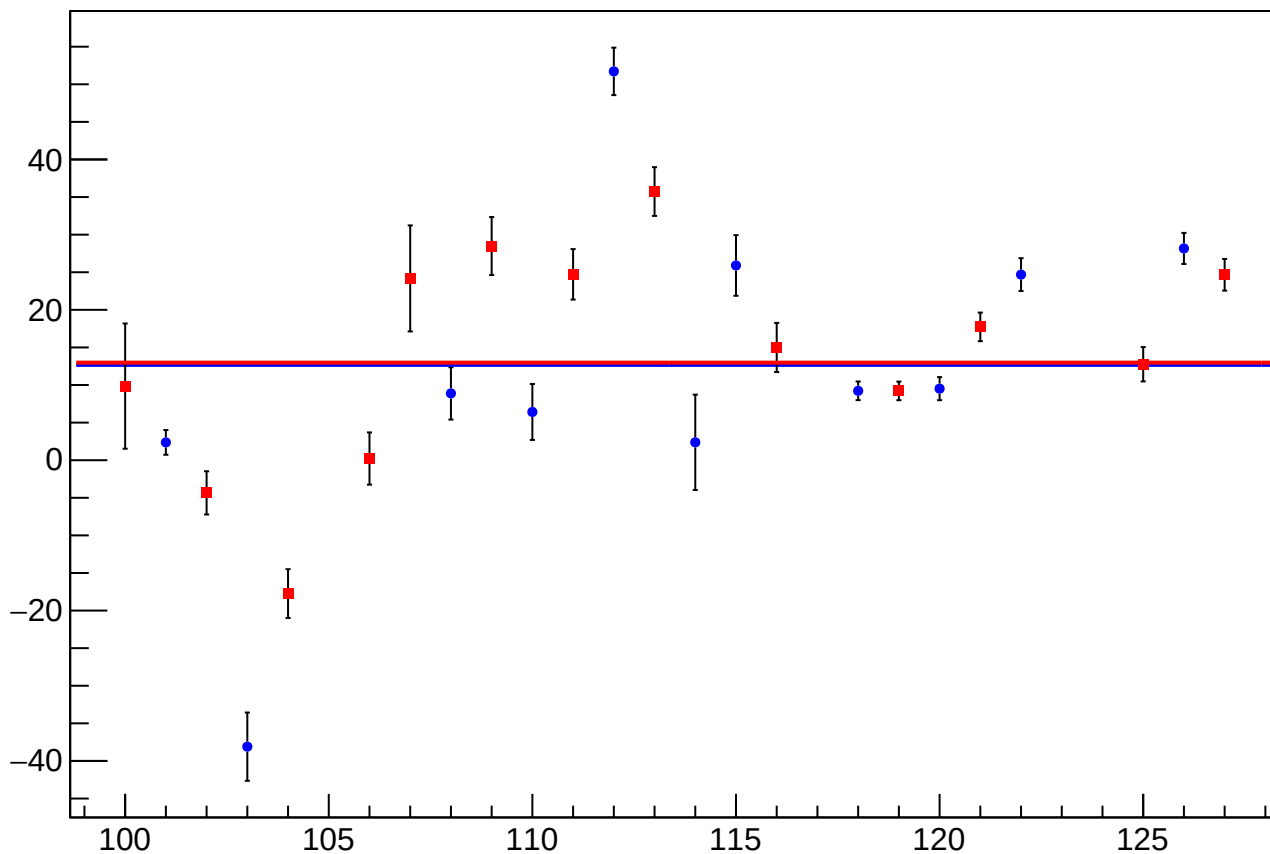
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -45.375 ± 0.489 χ^2/NDF : 4523.2/23

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_avg_diff_bpm4aY_slope vs Slug



Right In: 12.678+/-0.663 χ^2 /NDF: 433.3/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 12.979+/-0.703 χ^2 /NDF: 266.2/12

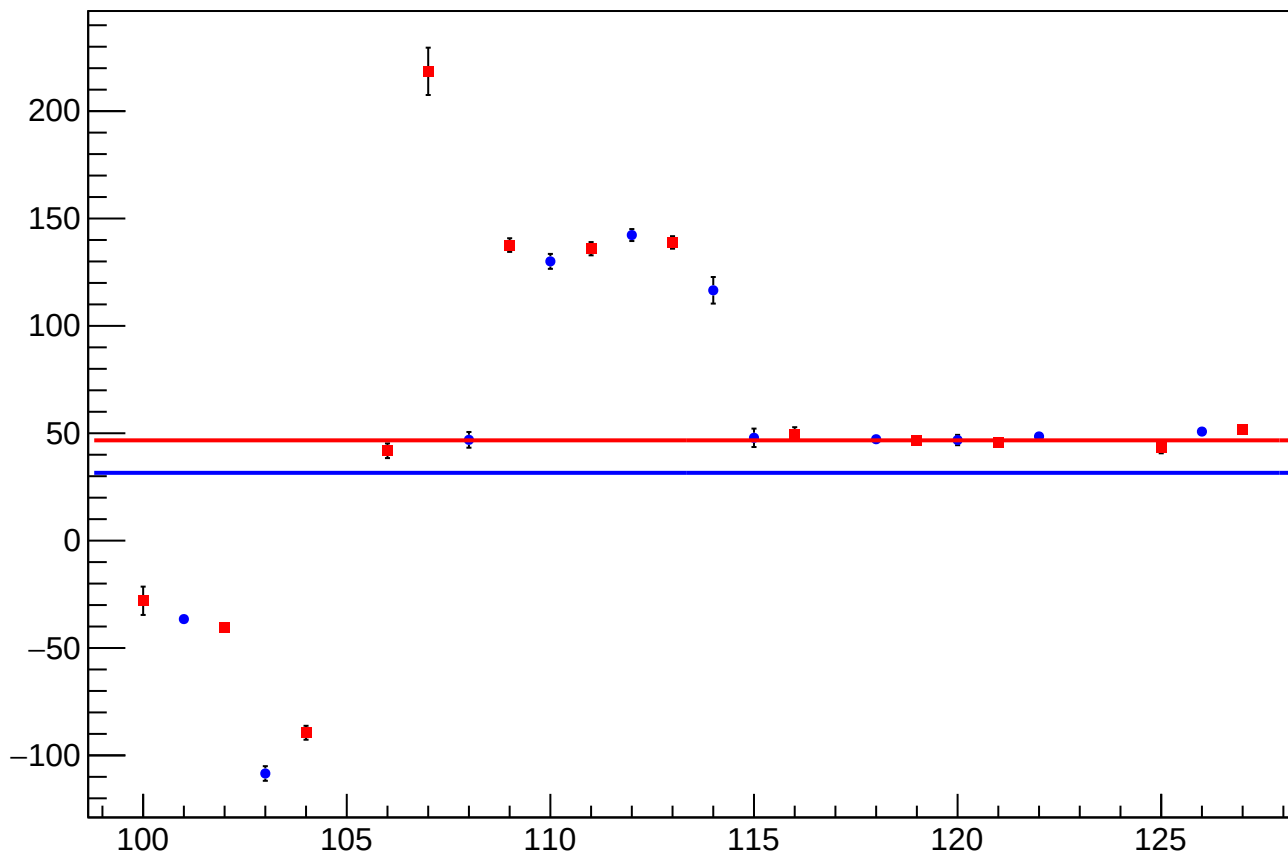
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 12.820+/-0.482 χ^2 /NDF: 699.5/23

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_avg_diff_bpm4eX_slope vs Slug



Right In: 31.571 $\pm$ 0.782 χ^2 /NDF: 6383.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 46.700 $\pm$ 0.768 χ^2 /NDF: 6216.4/12

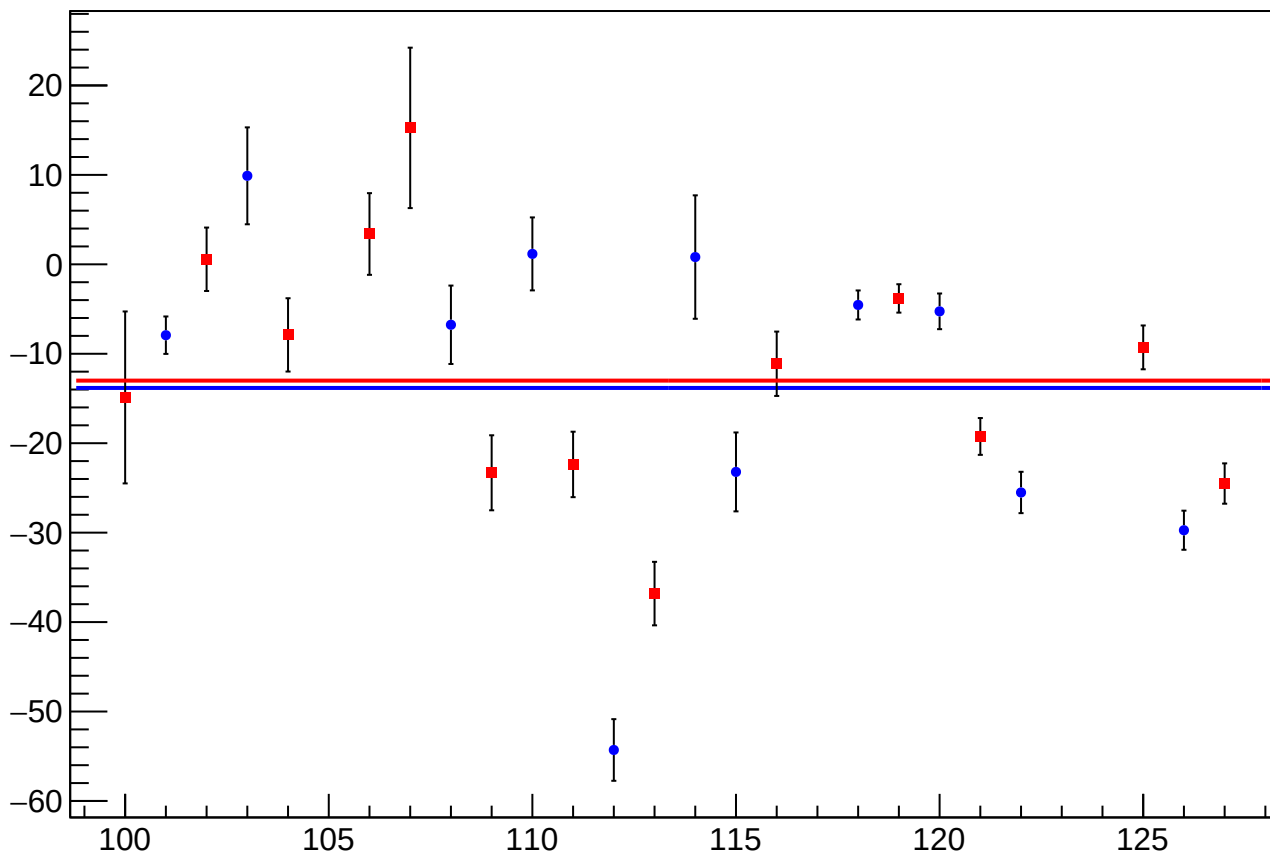
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.267 $\pm$ 0.548 χ^2 /NDF: 12790.1/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_avg_diff_bpm4eY_slope vs Slug



Right In: -13.822 $\pm$ 0.801 χ^2 /NDF: 319.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -13.001 $\pm$ 0.818 χ^2 /NDF: 168.0/12

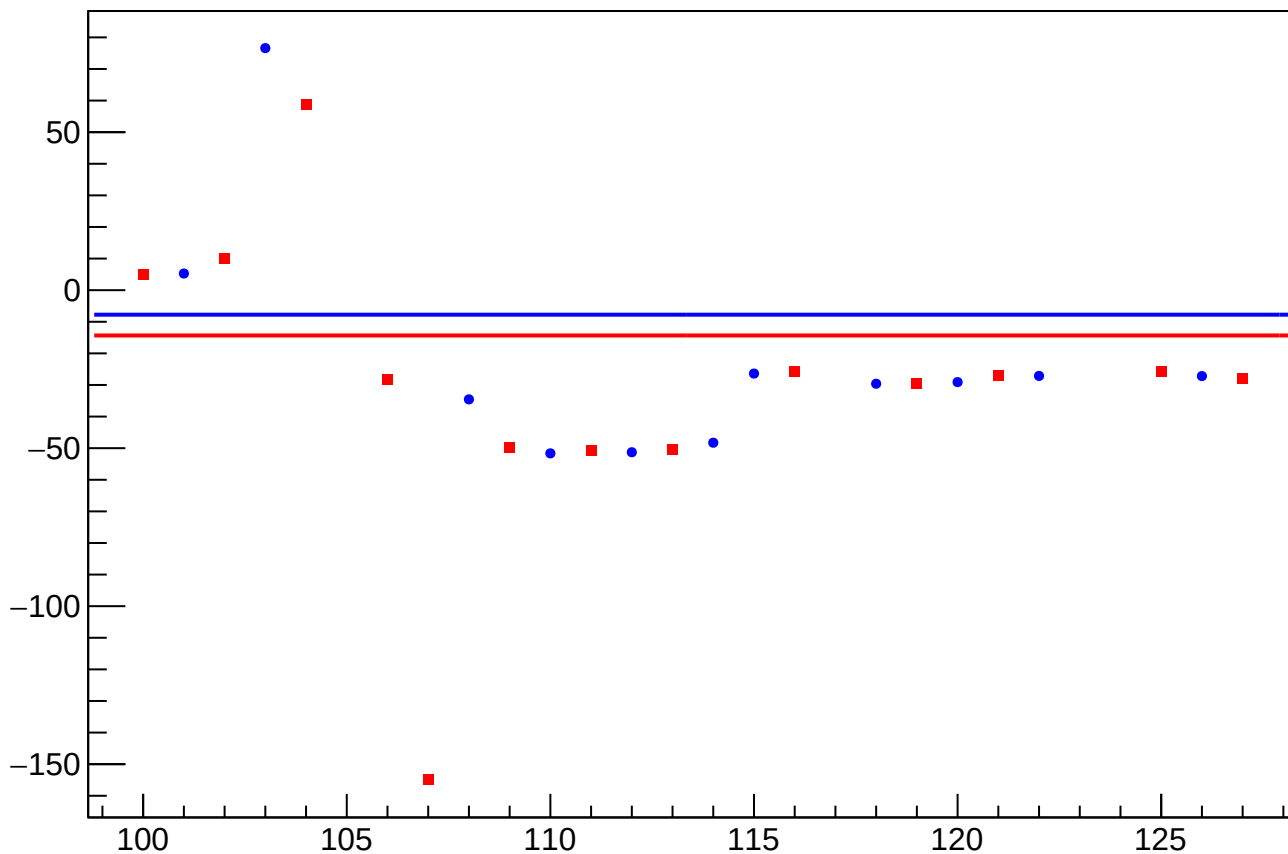
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -13.420 $\pm$ 0.572 χ^2 /NDF: 488.3/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_avg_diff_bpm12X_slope vs Slug



Right In: -7.758+/-0.051 χ^2/NDF : 530037.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.332+/-0.050 χ^2/NDF : 484747.9/12

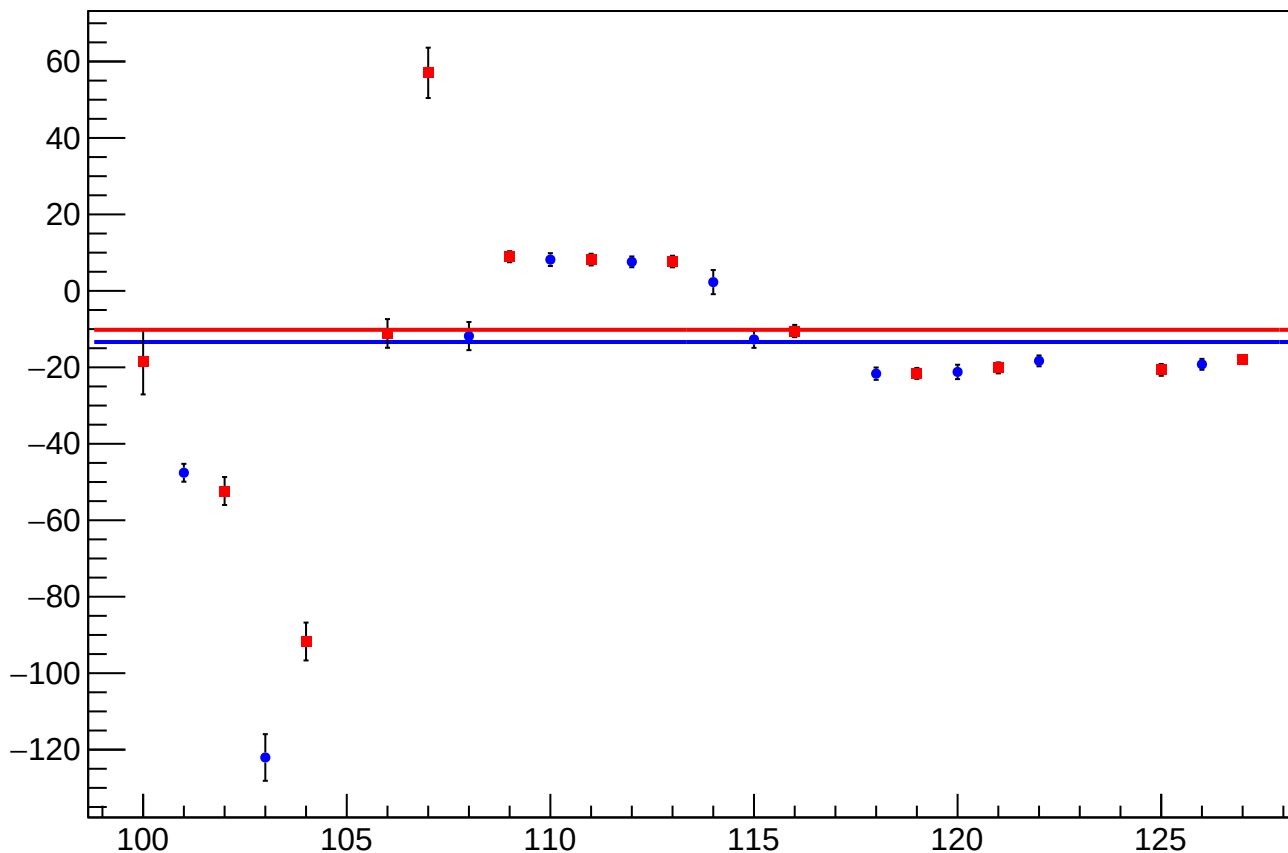
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.105+/-0.036 χ^2/NDF : 1023238.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_dd_diff_bpm1X_slope vs Slug



Right In: -13.372 ± 0.568 $\chi^2/\text{NDF}: 1013.9/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -10.188 ± 0.502 $\chi^2/\text{NDF}: 1164.5/12$

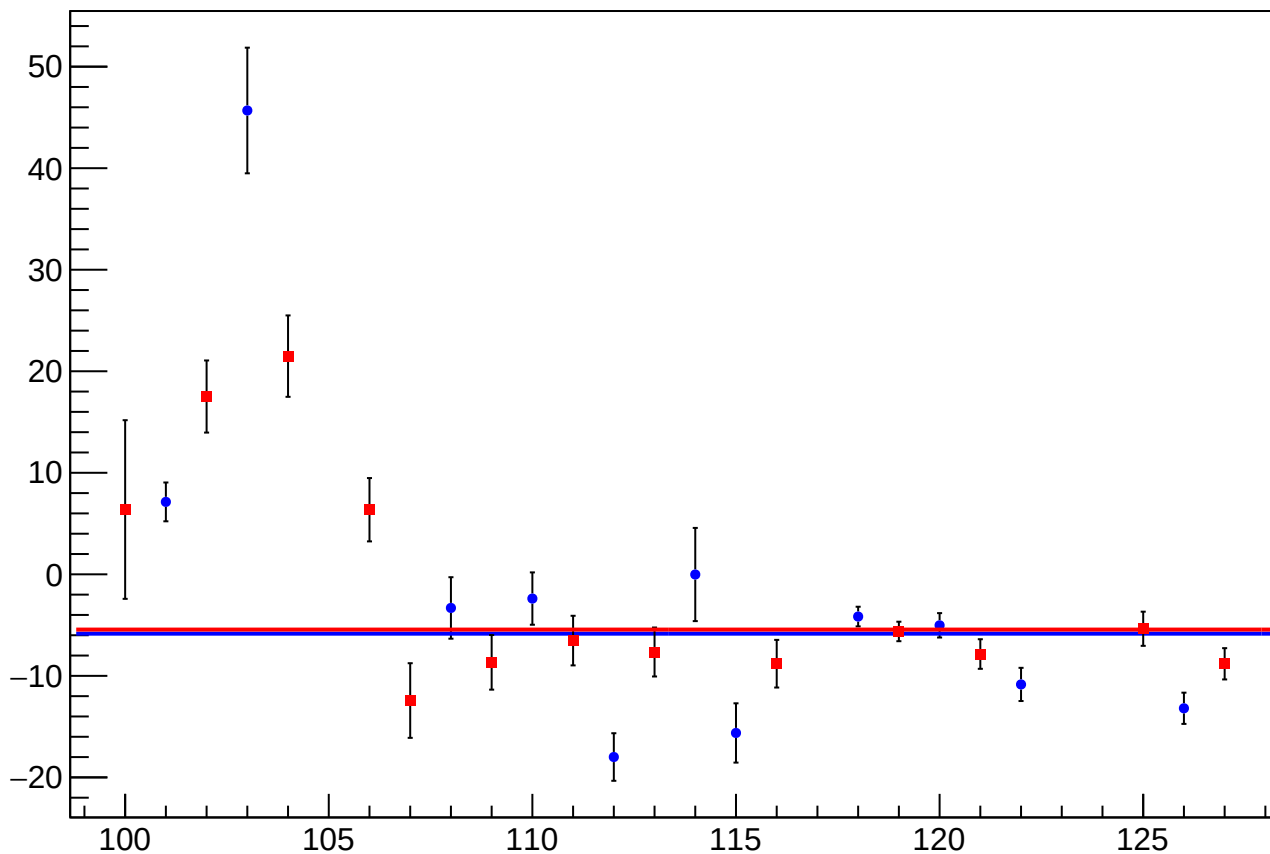
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -11.584 ± 0.376 $\chi^2/\text{NDF}: 2196.1/23$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_usl_atl1_dd_diff_bpm4aY_slope vs Slug



Right In: -5.844+/-0.537 χ^2/NDF : 193.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.442+/-0.549 χ^2/NDF : 118.7/12

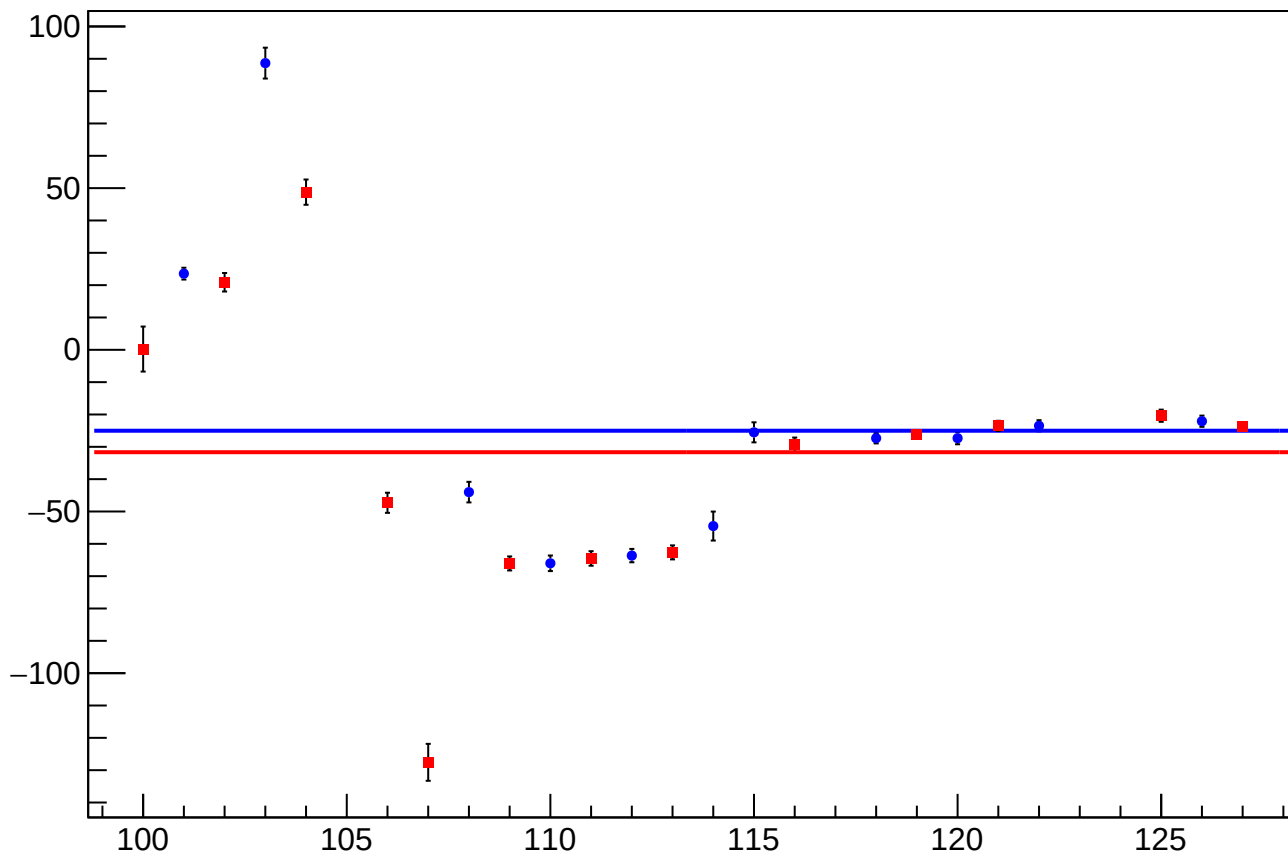
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.647+/-0.384 χ^2/NDF : 312.4/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_dd_diff_bpm4eX_slope vs Slug



Right In: -25.021+/-0.654 χ^2/NDF : 1997.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.661+/-0.608 χ^2/NDF : 1863.5/12

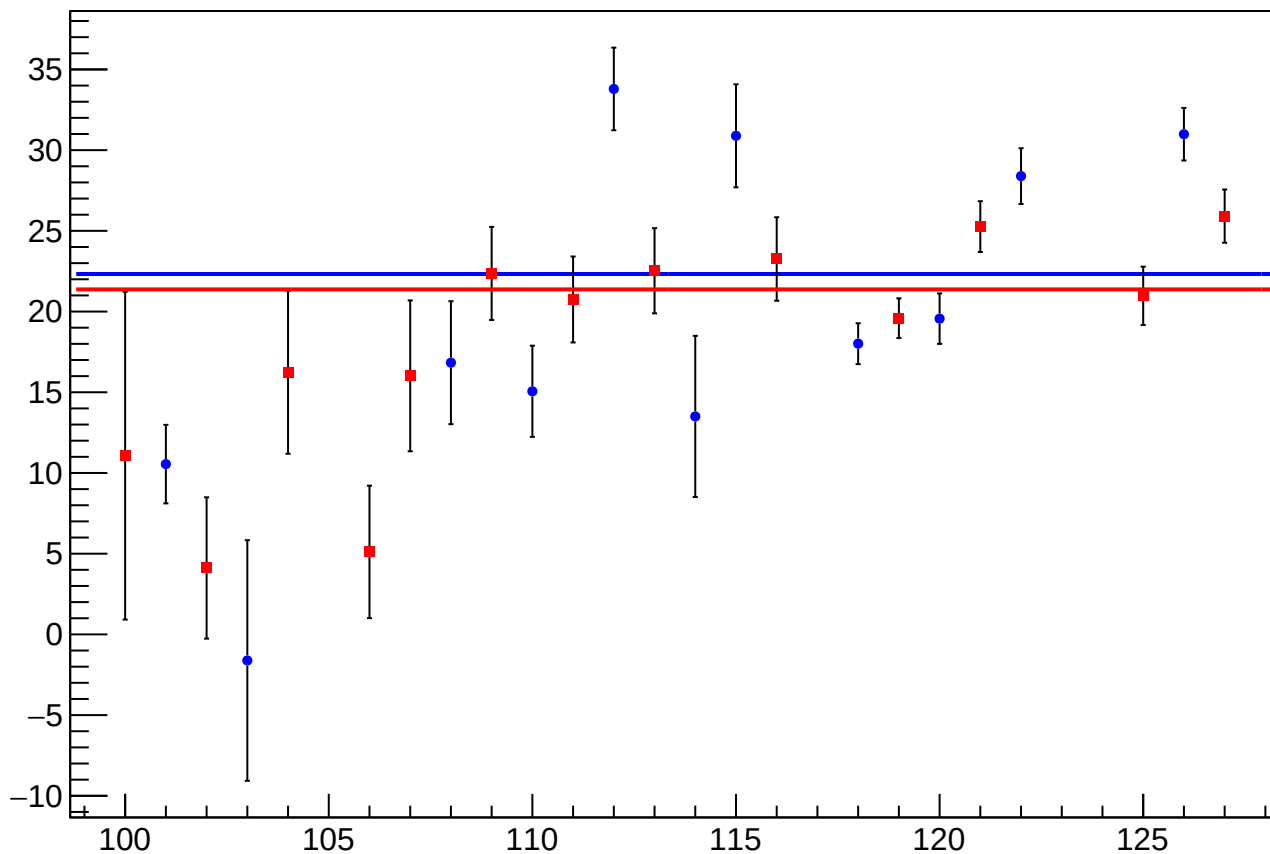
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.583+/-0.446 χ^2/NDF : 3916.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_dd_diff_bpm4eY_slope vs Slug



Right In: 22.326 $\pm$ 0.643 χ^2 /NDF: 128.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.374 $\pm$ 0.633 χ^2 /NDF: 51.4/12

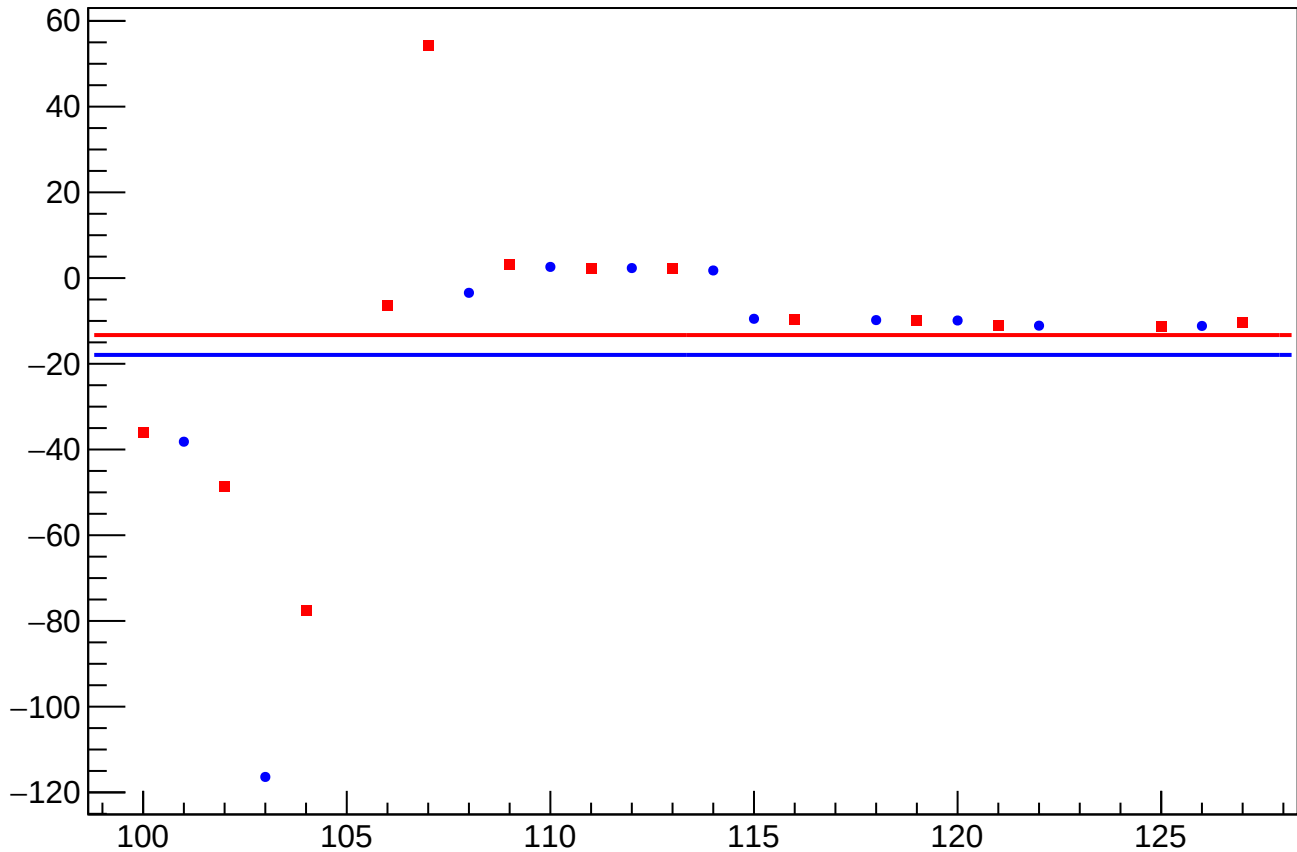
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.842 $\pm$ 0.451 χ^2 /NDF: 180.7/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_dd_diff_bpm12X_slope vs Slug



Right In: -17.928+/-0.046 χ^2/NDF : 326072.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.298+/-0.043 χ^2/NDF : 310612.0/12

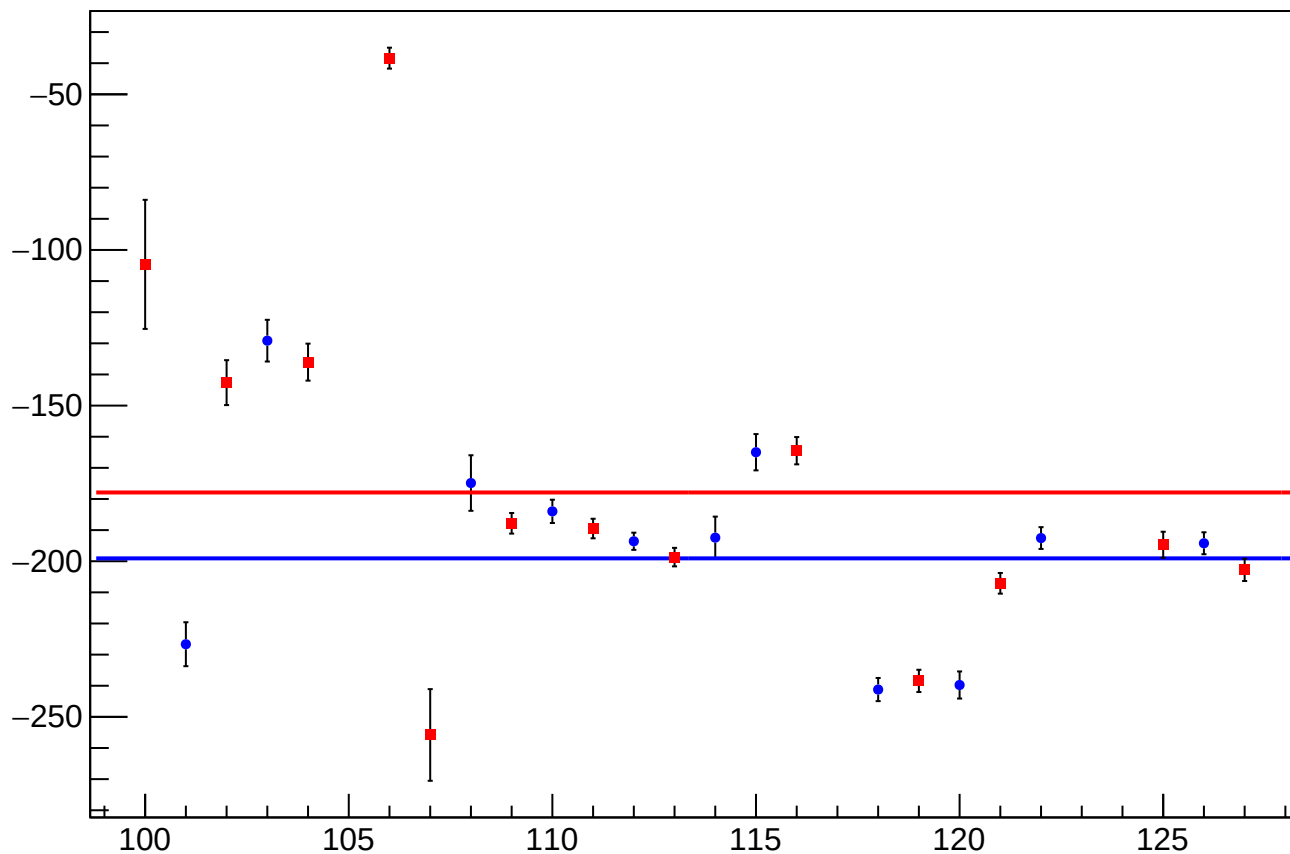
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.470+/-0.031 χ^2/NDF : 642131.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_avg_diff_bpm1X_slope vs Slug



Right In: -199.080+/-1.295 χ^2 /NDF: 407.8/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -177.908+/-1.115 χ^2 /NDF: 2343.5/12

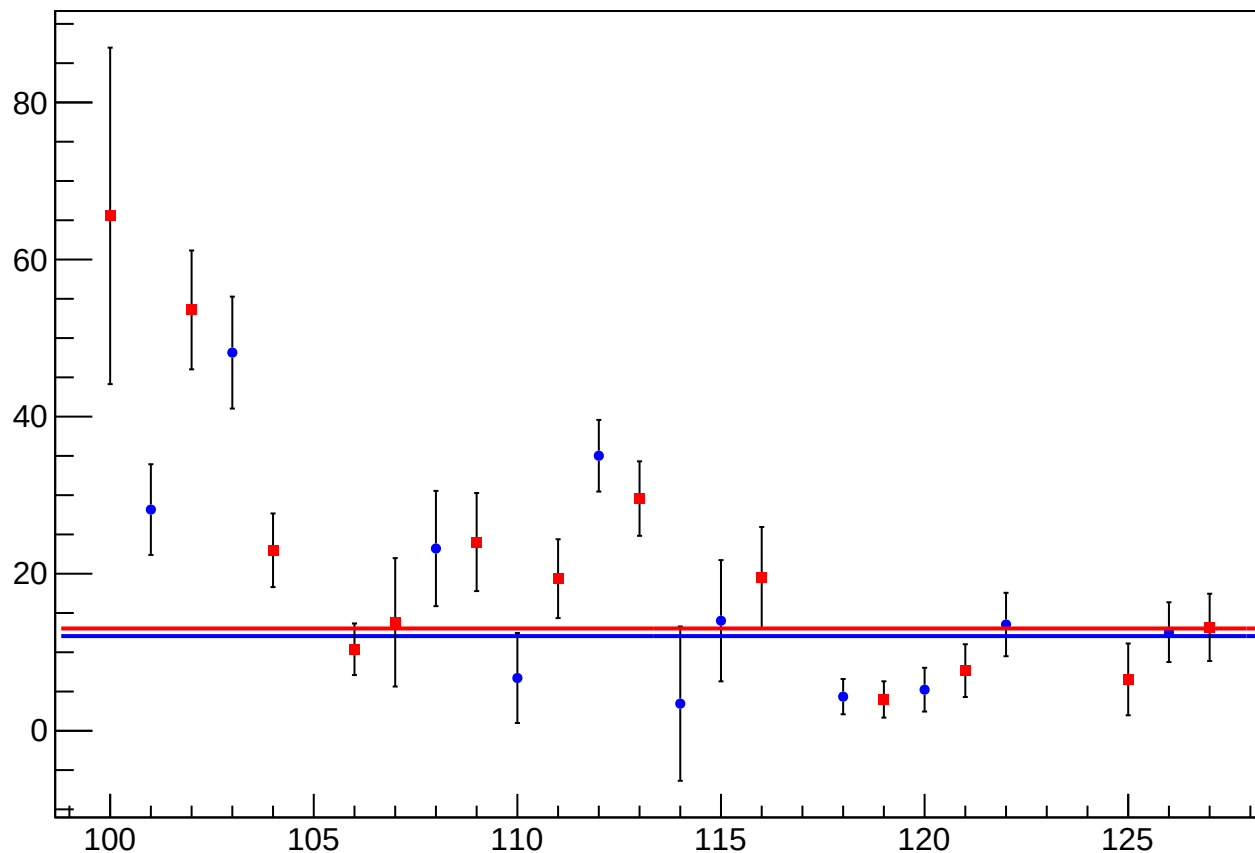
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -186.922+/-0.845 χ^2 /NDF: 2904.8/23

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_avg_diff_bpm4aY_slope vs Slug



Right In: 12.057+/-1.258 χ^2/NDF : 80.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.029+/-1.208 χ^2/NDF : 77.6/12

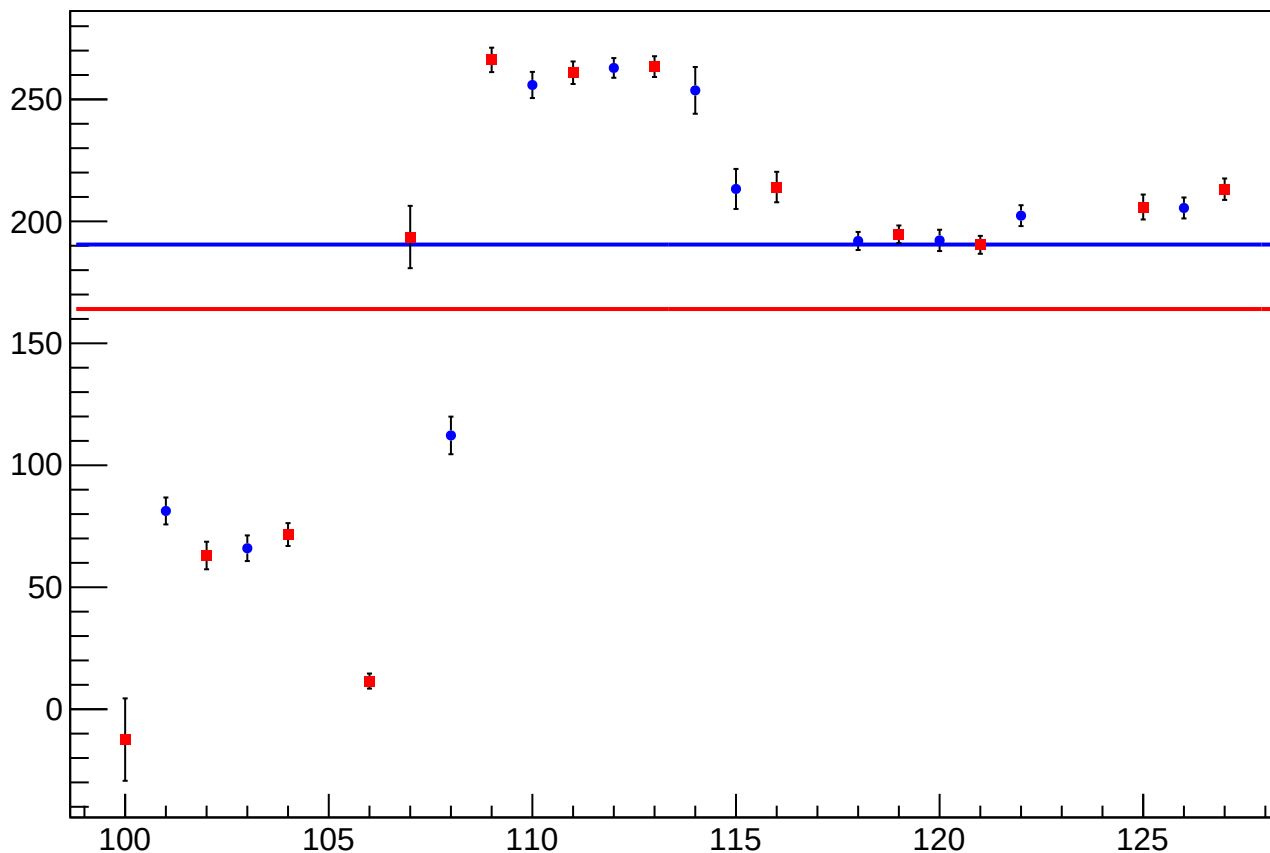
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.563+/-0.872 χ^2/NDF : 158.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_avg_diff_bpm4eX_slope vs Slug



Right In: 190.491 $\pm$ 1.505 χ^2 /NDF: 1596.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 164.063 $\pm$ 1.292 χ^2 /NDF: 5041.8/12

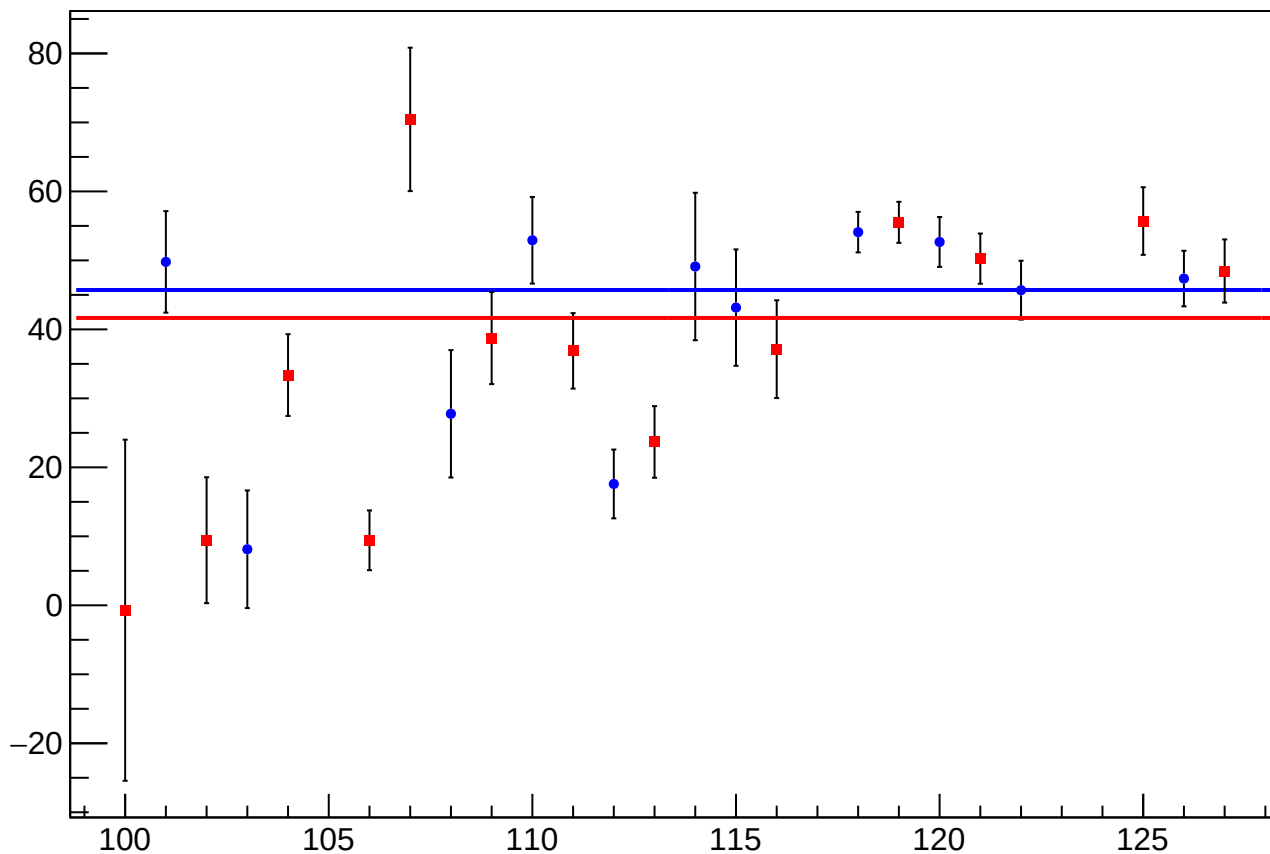
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 175.277 $\pm$ 0.980 χ^2 /NDF: 6815.5/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_avg_diff_bpm4eY_slope vs Slug



Right In: 45.711 $\pm$ 1.505 χ^2 /NDF: 68.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 41.657 $\pm$ 1.421 χ^2 /NDF: 131.5/12

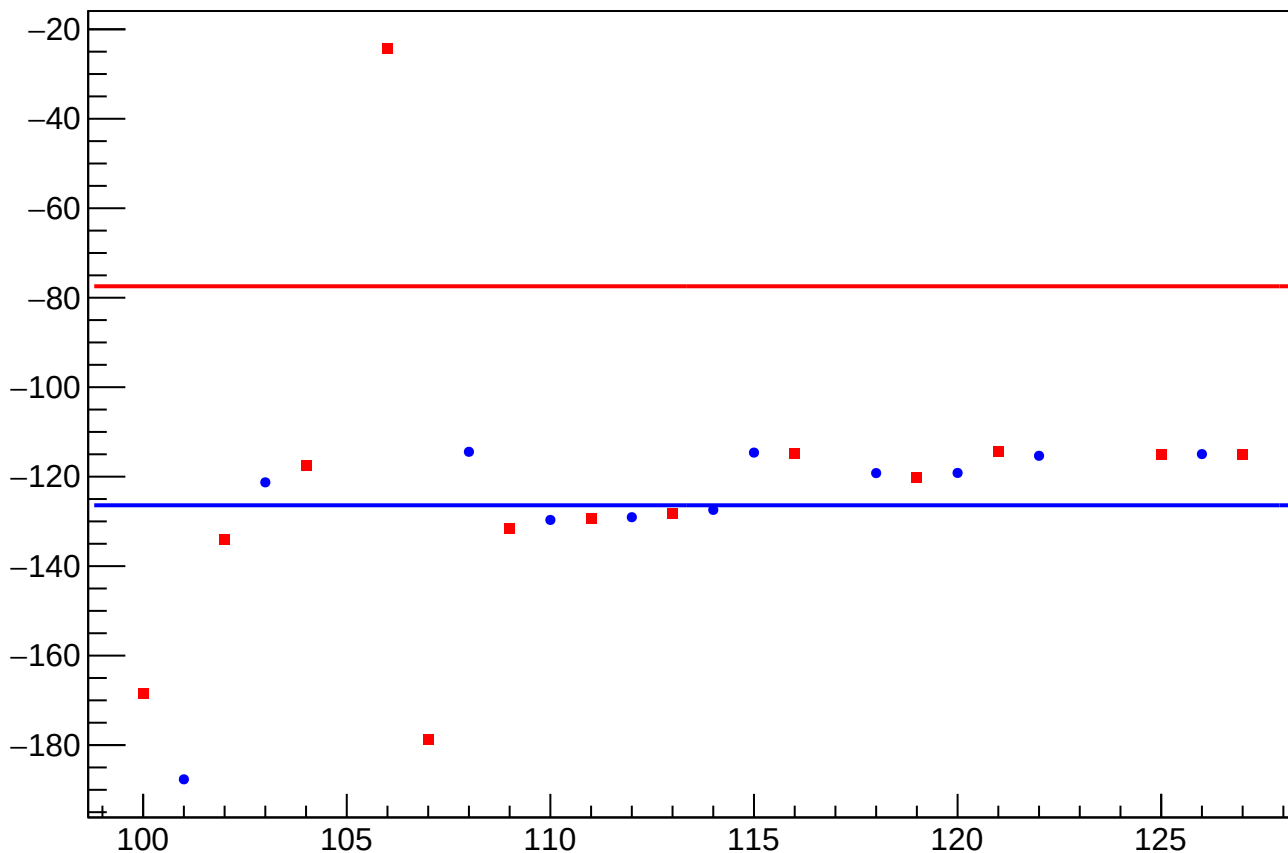
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 43.568 $\pm$ 1.033 χ^2 /NDF: 204.2/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_avg_diff_bpm12X_slope vs Slug



Right In: -126.399+/-0.101 χ^2/NDF : 40292.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -77.443+/-0.070 χ^2/NDF : 535358.3/12

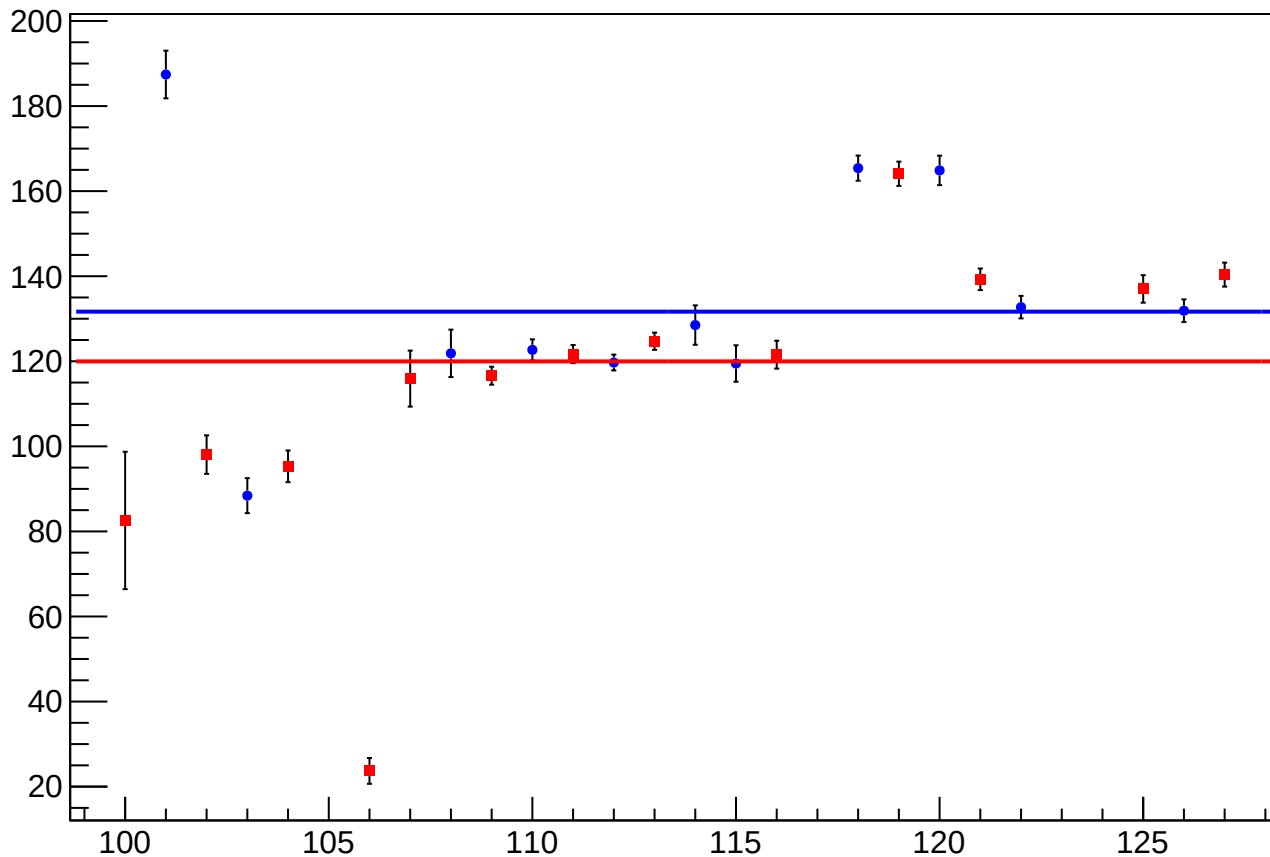
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -93.373+/-0.058 χ^2/NDF : 733817.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_dd_diff_bpm1X_slope vs Slug



Right In: 131.668 $\pm$ 0.930 χ^2 /NDF: 497.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 119.972 $\pm$ 0.806 χ^2 /NDF: 1467.2/12

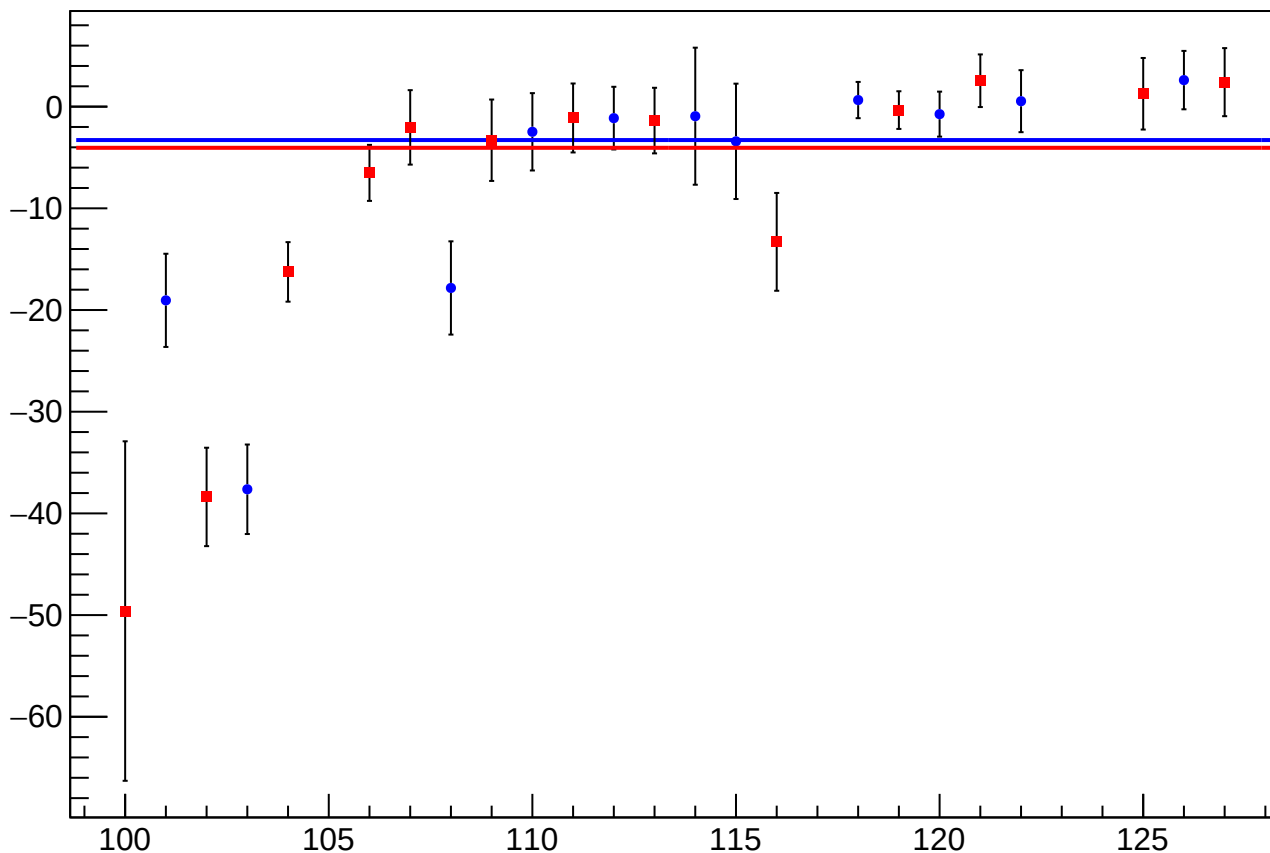
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 124.988 $\pm$ 0.609 χ^2 /NDF: 2055.2/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_dd_diff_bpm4aY_slope vs Slug



Right In: -3.286 ± 0.944 χ^2/NDF : 95.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.047 ± 0.888 χ^2/NDF : 97.9/12

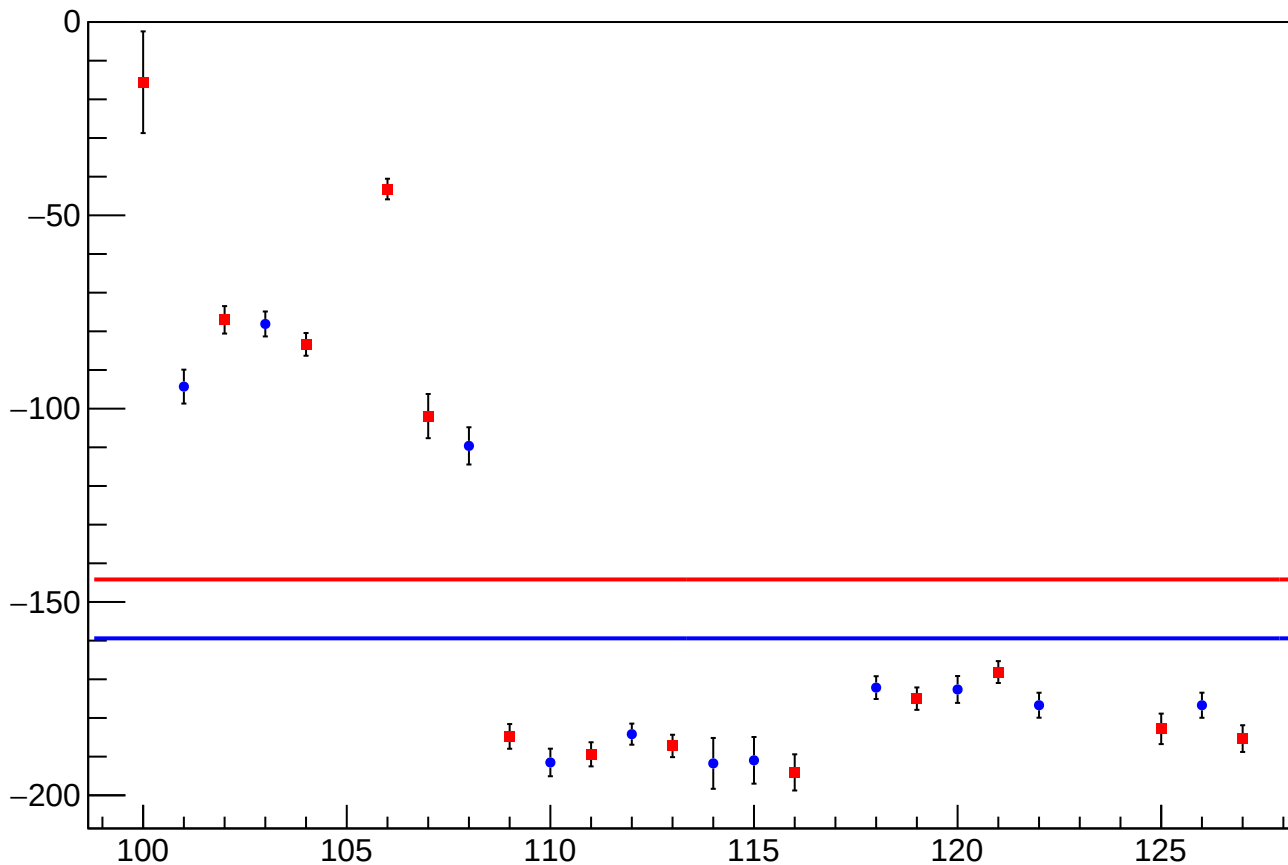
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.690 ± 0.647 χ^2/NDF : 193.7/23

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_dd_diff_bpm4eX_slope vs Slug



Right In: -159.409 ± 1.089 χ^2/NDF : 1267.2/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -144.178 ± 0.941 χ^2/NDF : 3501.6/12

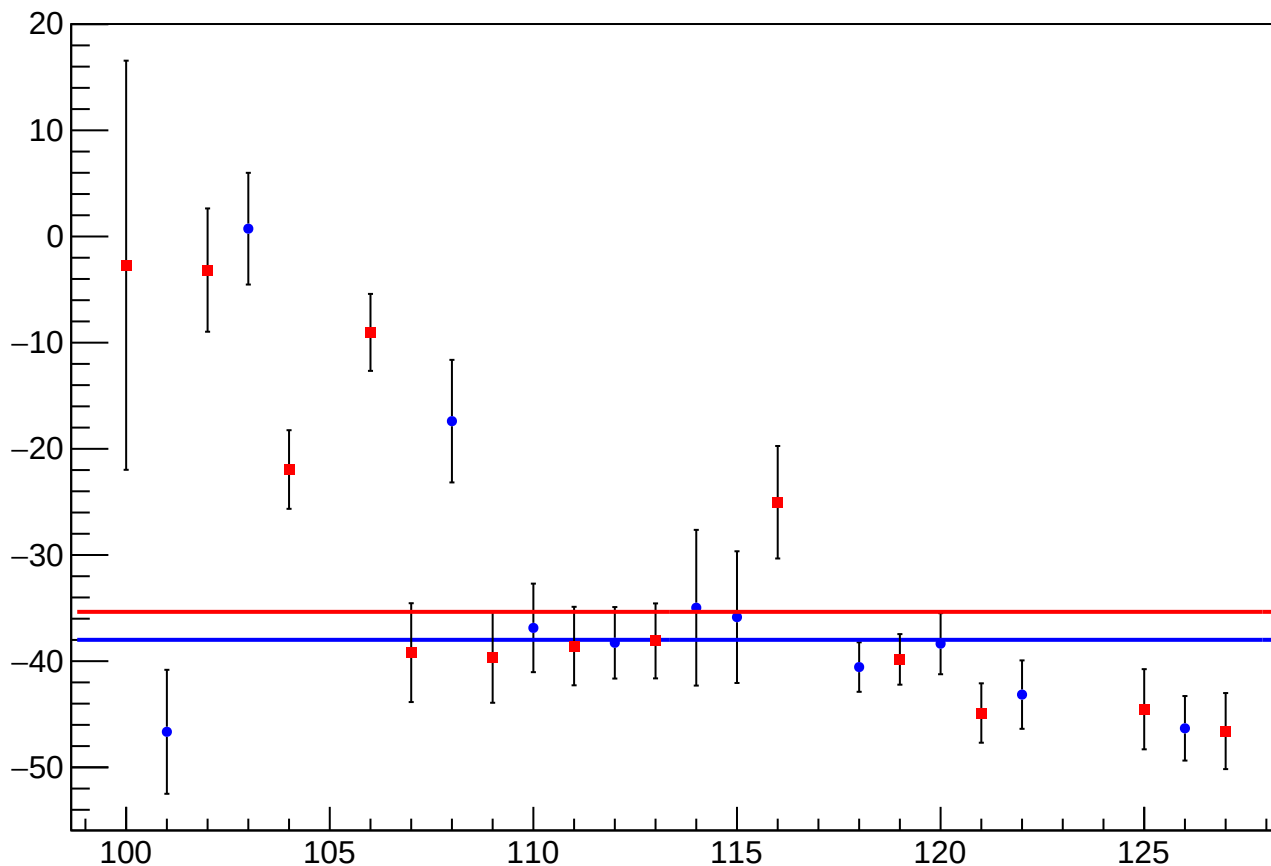
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -150.688 ± 0.712 χ^2/NDF : 4880.9/23

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_dd_diff_bpm4eY_slope vs Slug



Right In: -37.990 ± 1.122 χ^2/NDF : 80.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -35.355 ± 1.041 χ^2/NDF : 137.2/12

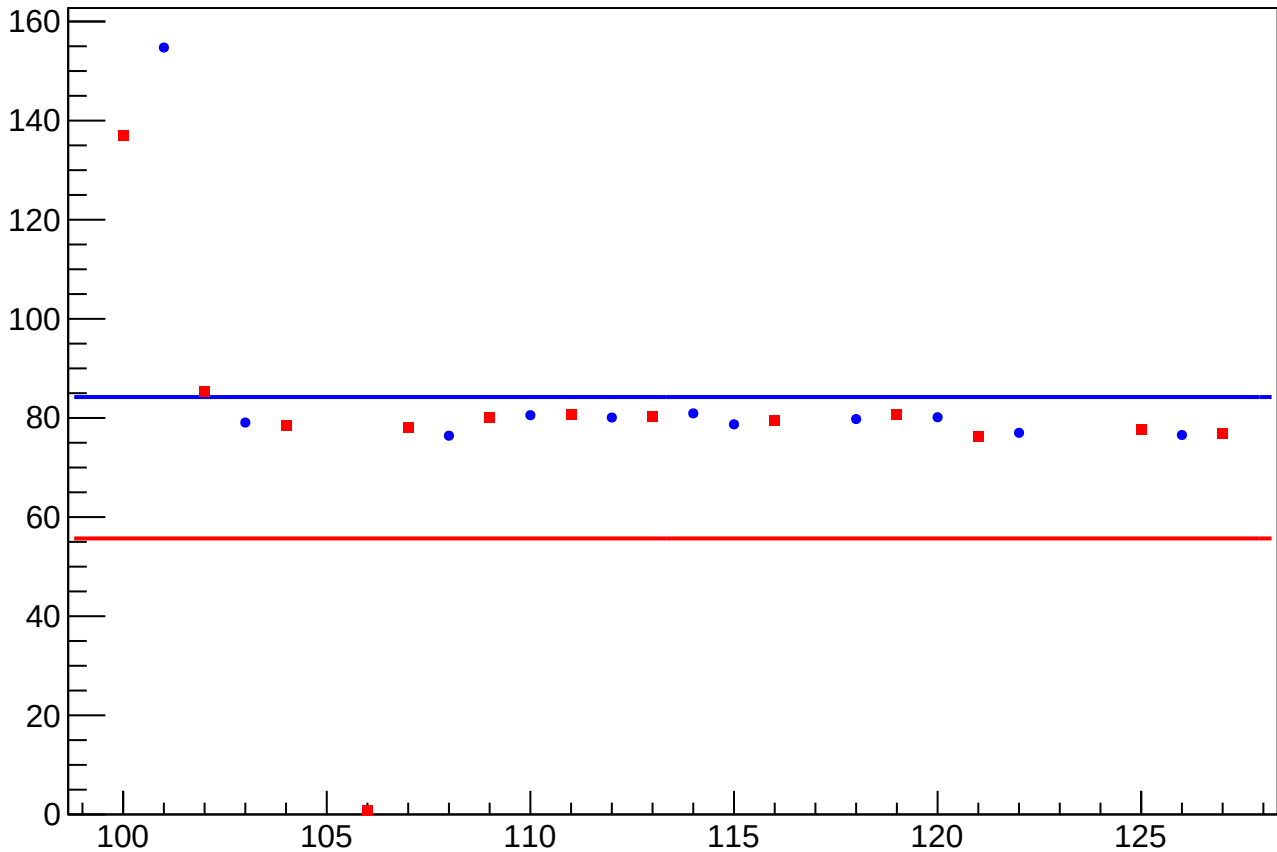
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -36.574 ± 0.763 χ^2/NDF : 220.9/23

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_dd_diff_bpm12X_slope vs Slug



Right In: 84.221+/-0.071 χ^2/NDF : 78582.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.691+/-0.054 χ^2/NDF : 479330.5/12

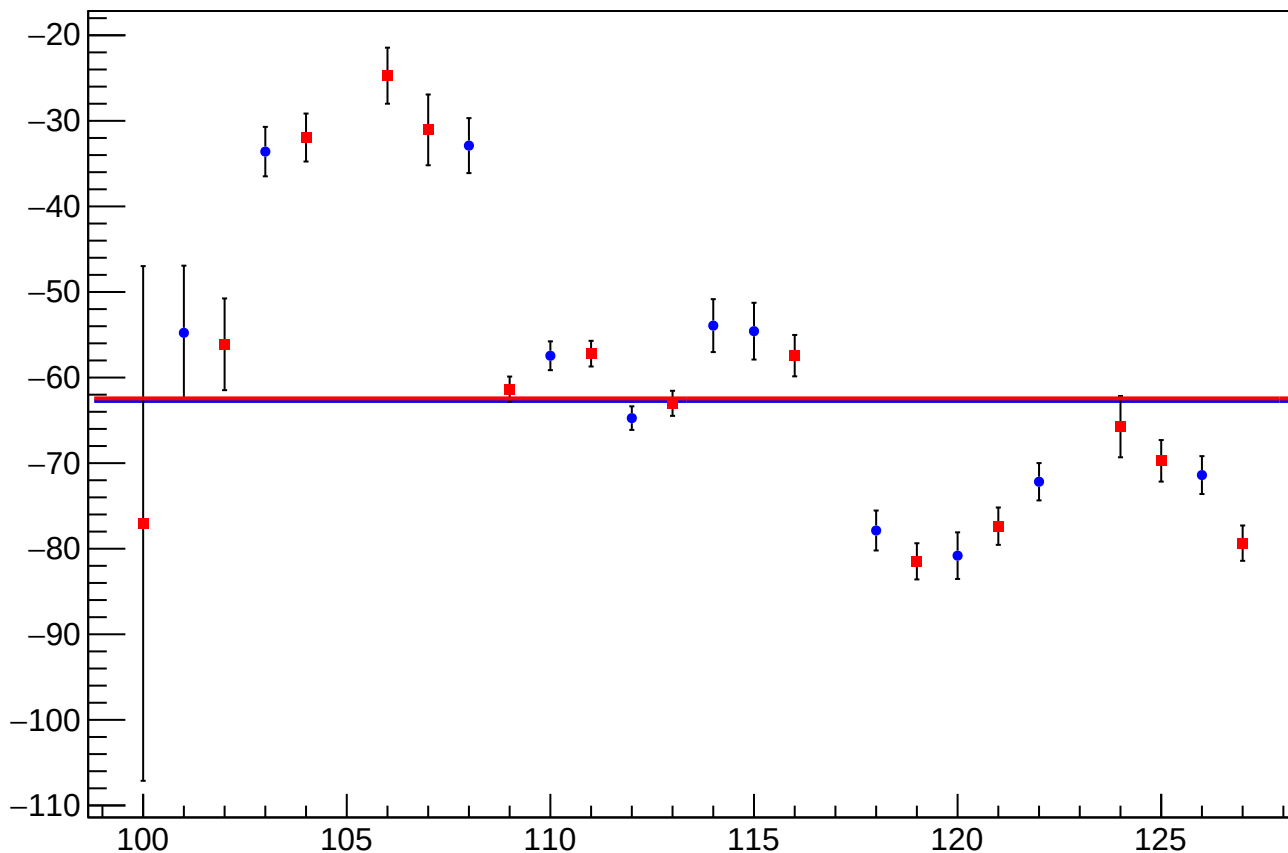
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.205+/-0.043 χ^2/NDF : 661197.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_avg_diff_bpm1X_slope vs Slug



Right In: -62.729 $\pm$ 0.700 χ^2 /NDF: 335.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -62.436 $\pm$ 0.600 χ^2 /NDF: 532.3/13

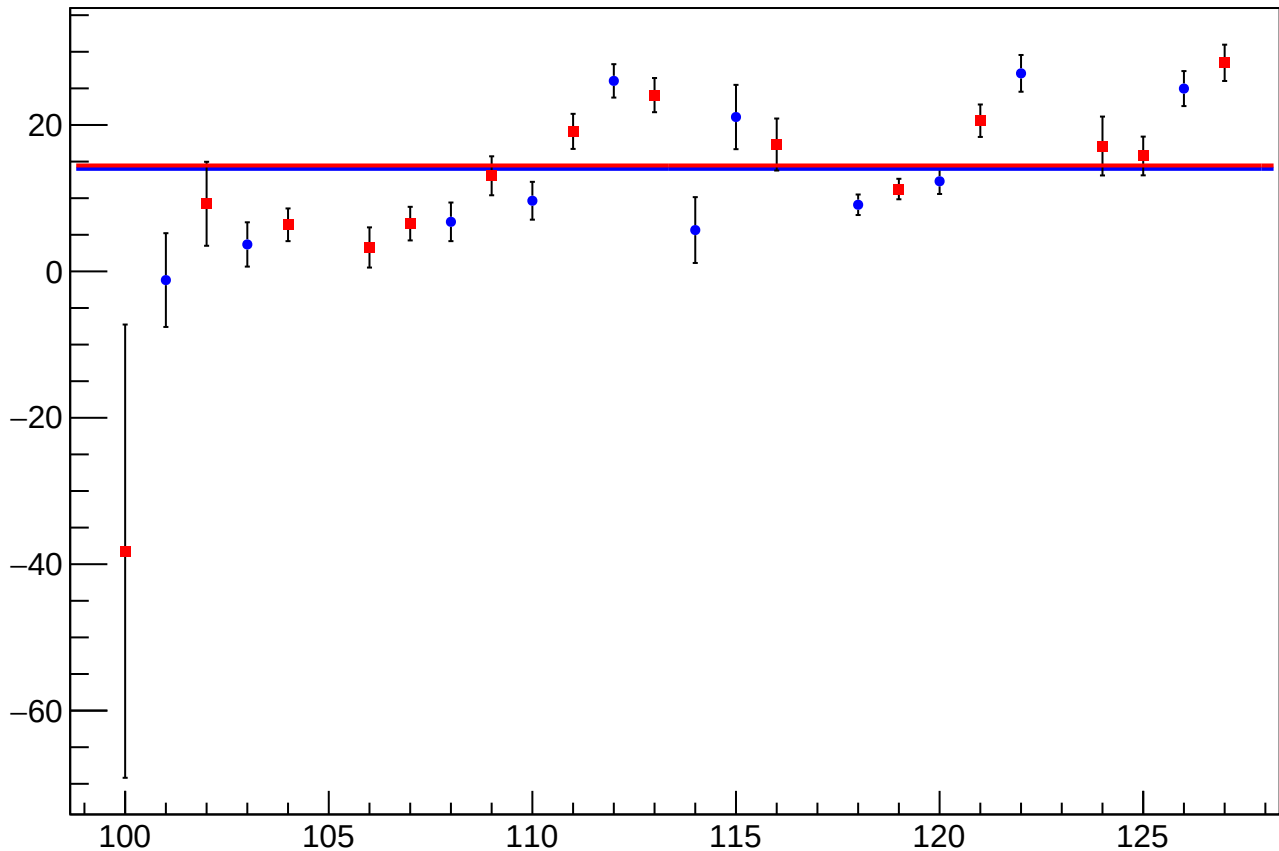
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -62.560 $\pm$ 0.455 χ^2 /NDF: 867.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr1_avg_diff_bpm4aY_slope vs Slug



Right In: 14.010 $\pm$ 0.727 χ^2 /NDF: 122.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.467 $\pm$ 0.672 χ^2 /NDF: 112.7/13

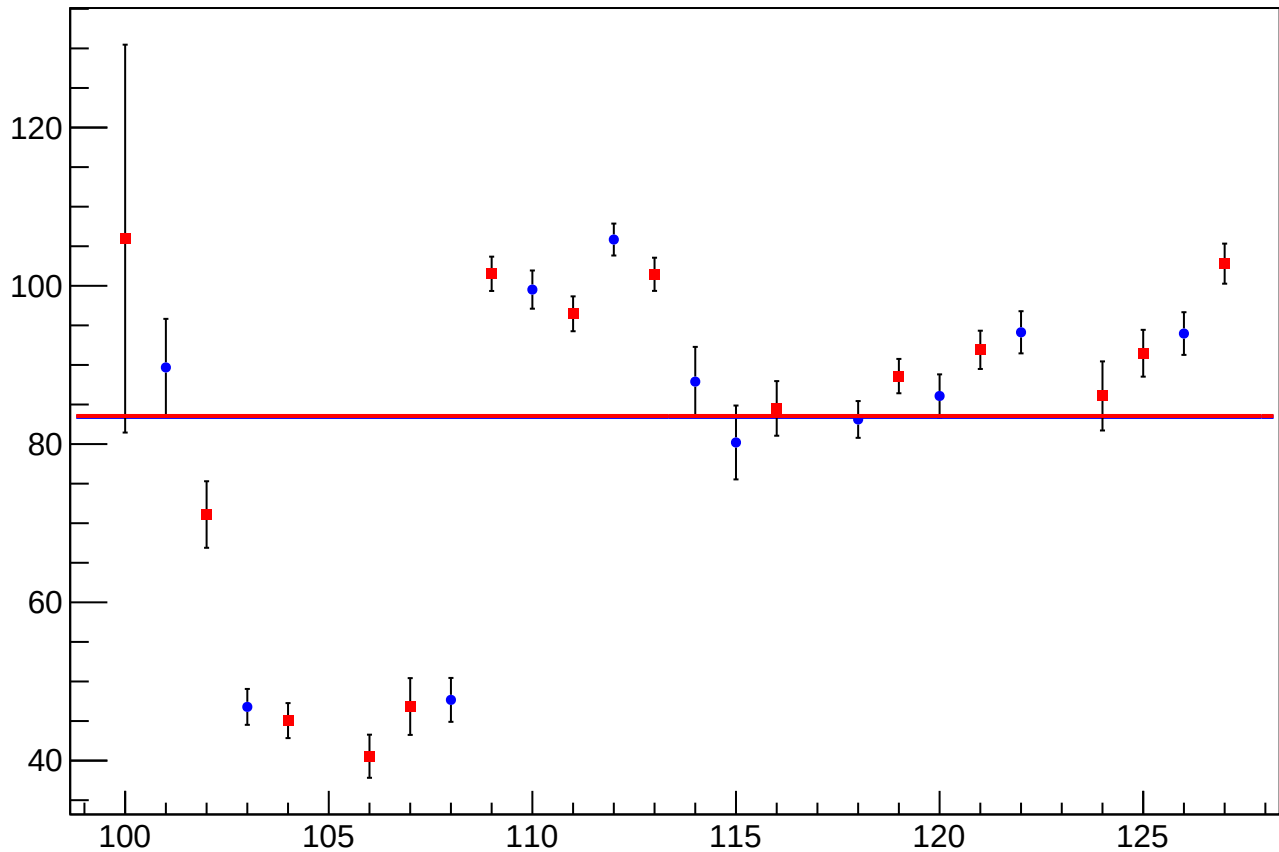
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14.257 $\pm$ 0.493 χ^2 /NDF: 235.6/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr1_avg_diff_bpm4eX_slope vs Slug



Right In: 83.432+/-0.827 χ^2 /NDF: 629.8/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 83.551+/-0.723 χ^2 /NDF: 924.8/13

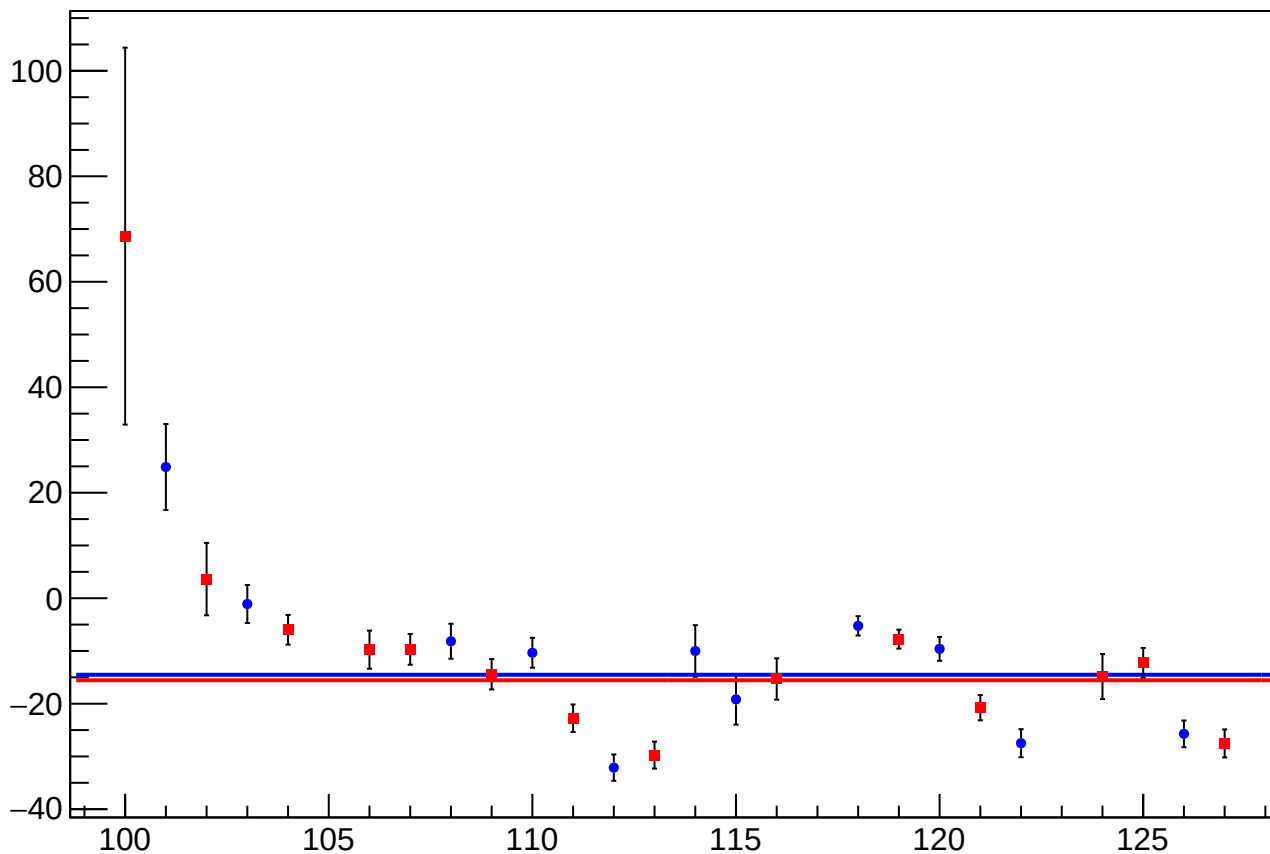
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 83.499+/-0.544 χ^2 /NDF: 1554.7/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr1_avg_diff_bpm4eY_slope vs Slug



Right In: -14.512 $\pm$ 0.862 χ^2 /NDF: 168.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -15.555 $\pm$ 0.782 χ^2 /NDF: 115.4/13

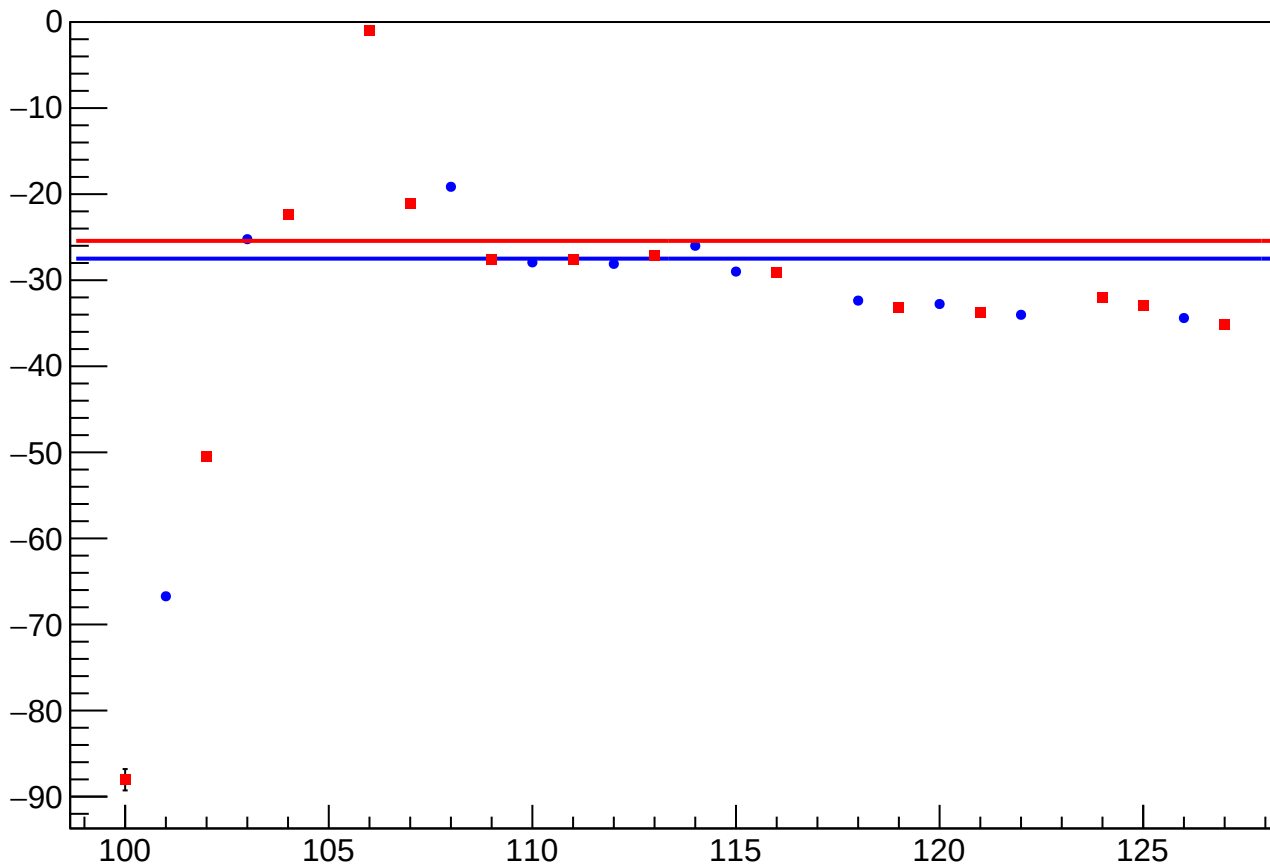
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -15.084 $\pm$ 0.579 χ^2 /NDF: 284.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr1_avg_diff_bpm12X_slope vs Slug



Right In: -27.494+/-0.051 χ^2/NDF : 21169.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.429+/-0.046 χ^2/NDF : 69174.1/13

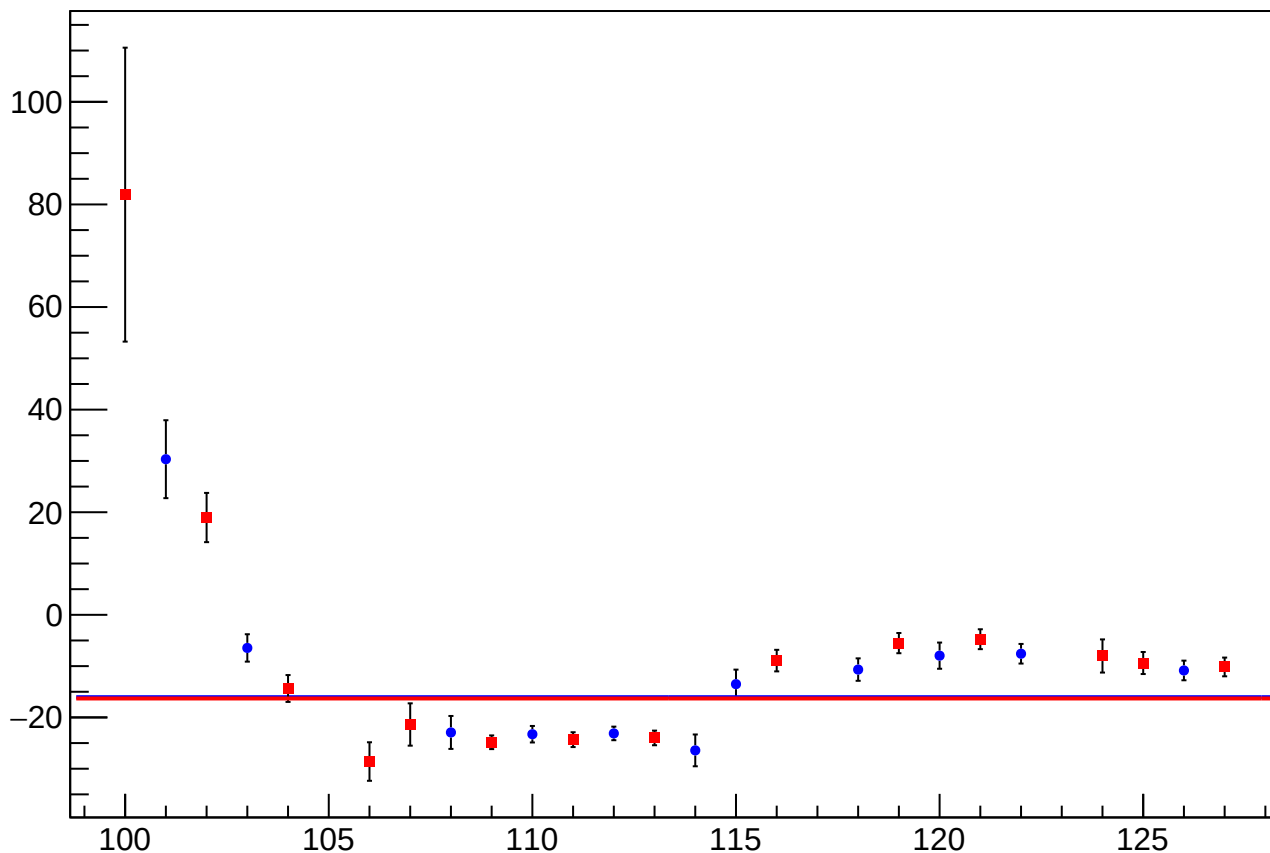
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.347+/-0.034 χ^2/NDF : 91238.4/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_dd_diff_bpm1X_slope vs Slug



Right In: -16.054 ± 0.652 χ^2/NDF : 158.6/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -16.306 ± 0.558 χ^2/NDF : 285.5/13

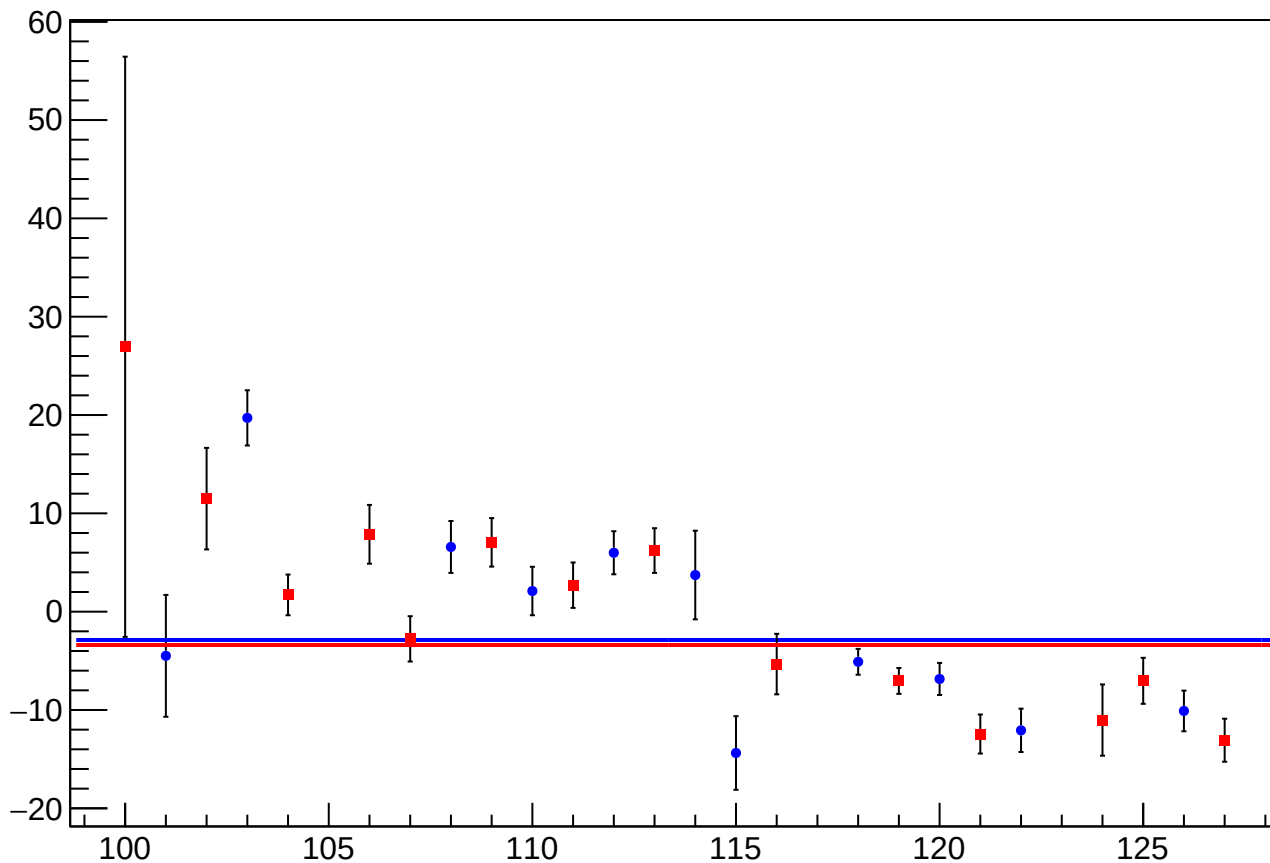
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.200 ± 0.424 χ^2/NDF : 444.2/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_dd_diff_bpm4aY_slope vs Slug



Right In: -2.882 ± 0.676 $\chi^2/\text{NDF}: 148.0/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -3.391 ± 0.630 $\chi^2/\text{NDF}: 127.7/13$

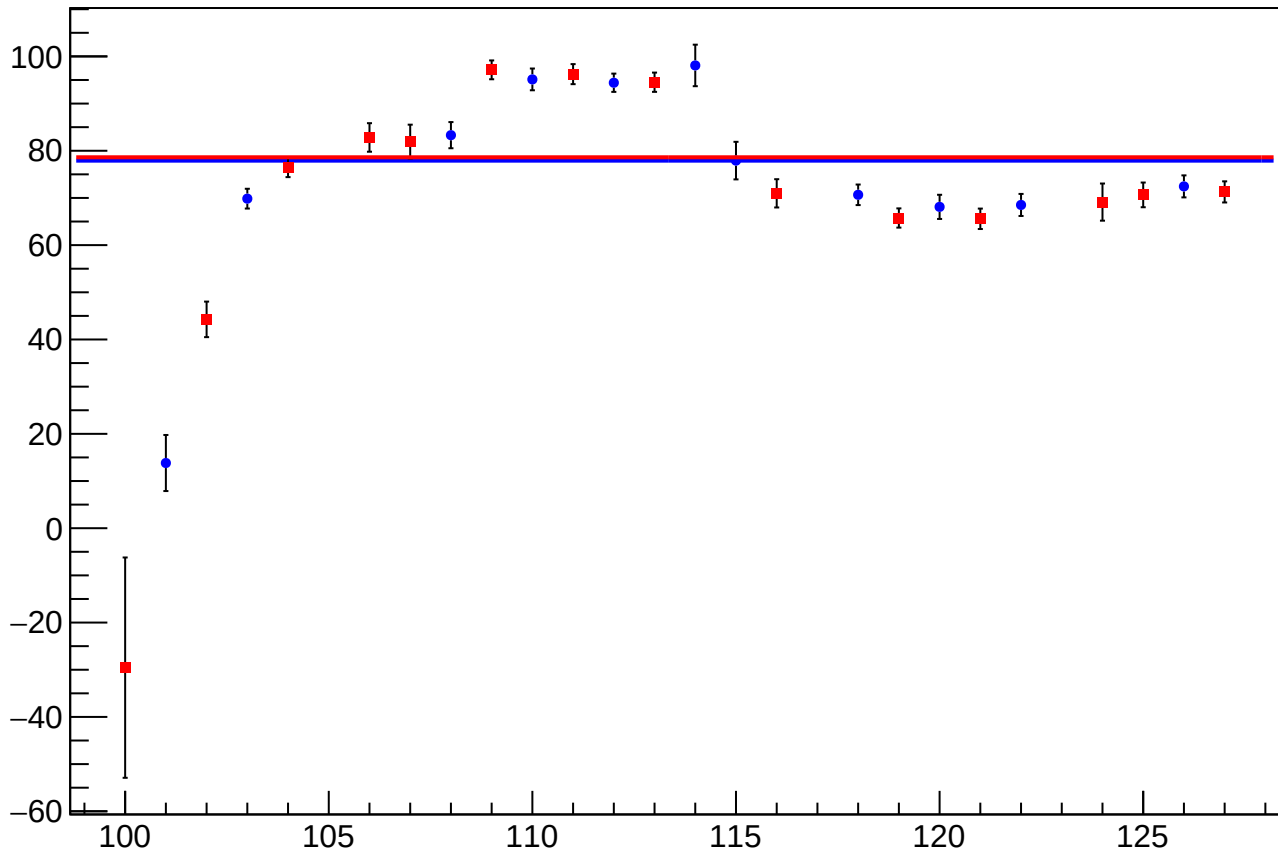
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -3.155 ± 0.461 $\chi^2/\text{NDF}: 276.0/24$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_usr_atr1_dd_diff_bpm4eX_slope vs Slug



Right In: 77.904+/-0.770 χ^2/NDF : 331.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.617+/-0.677 χ^2/NDF : 432.8/13

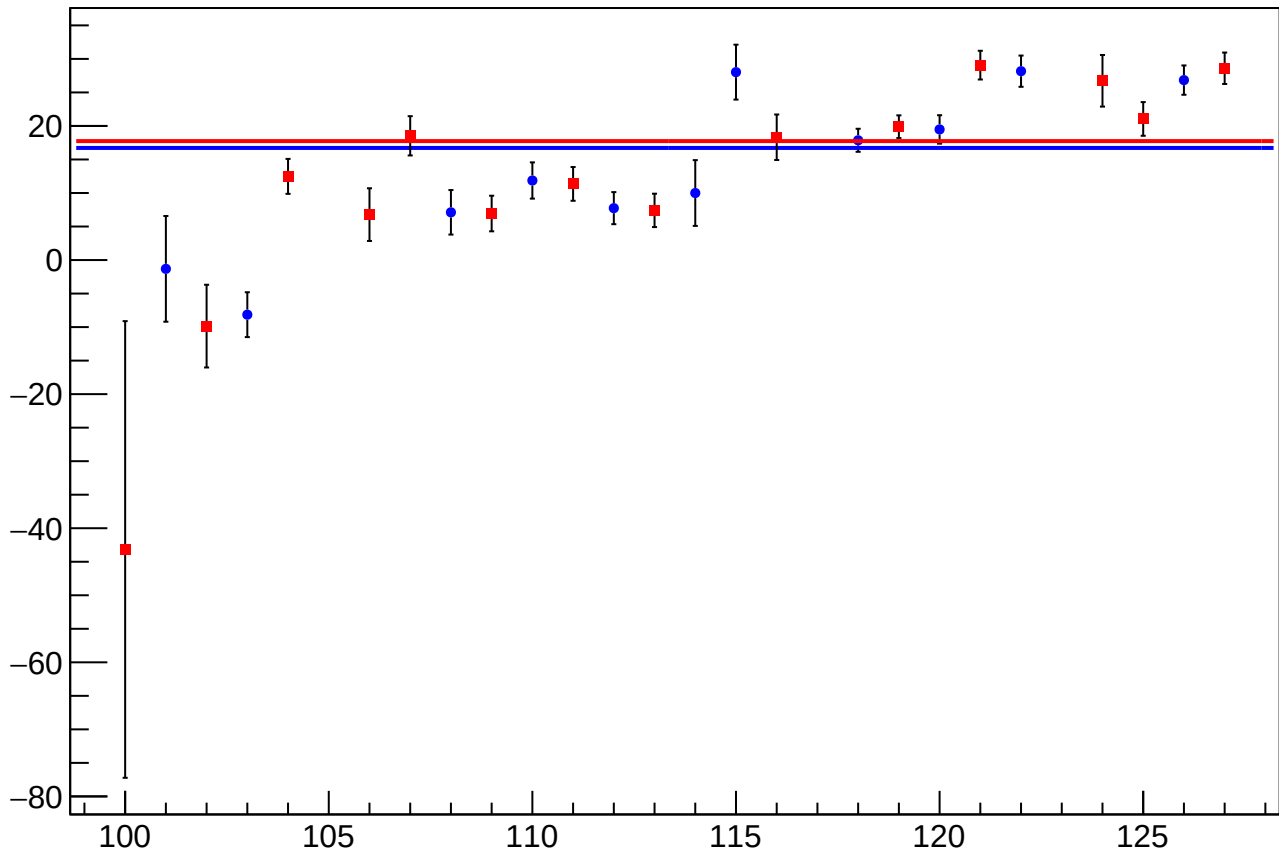
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.306+/-0.508 χ^2/NDF : 765.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_dd_diff_bpm4eY_slope vs Slug



Right In: 16.722 $\pm$ 0.800 χ^2 /NDF: 143.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.743 $\pm$ 0.729 χ^2 /NDF: 133.7/13

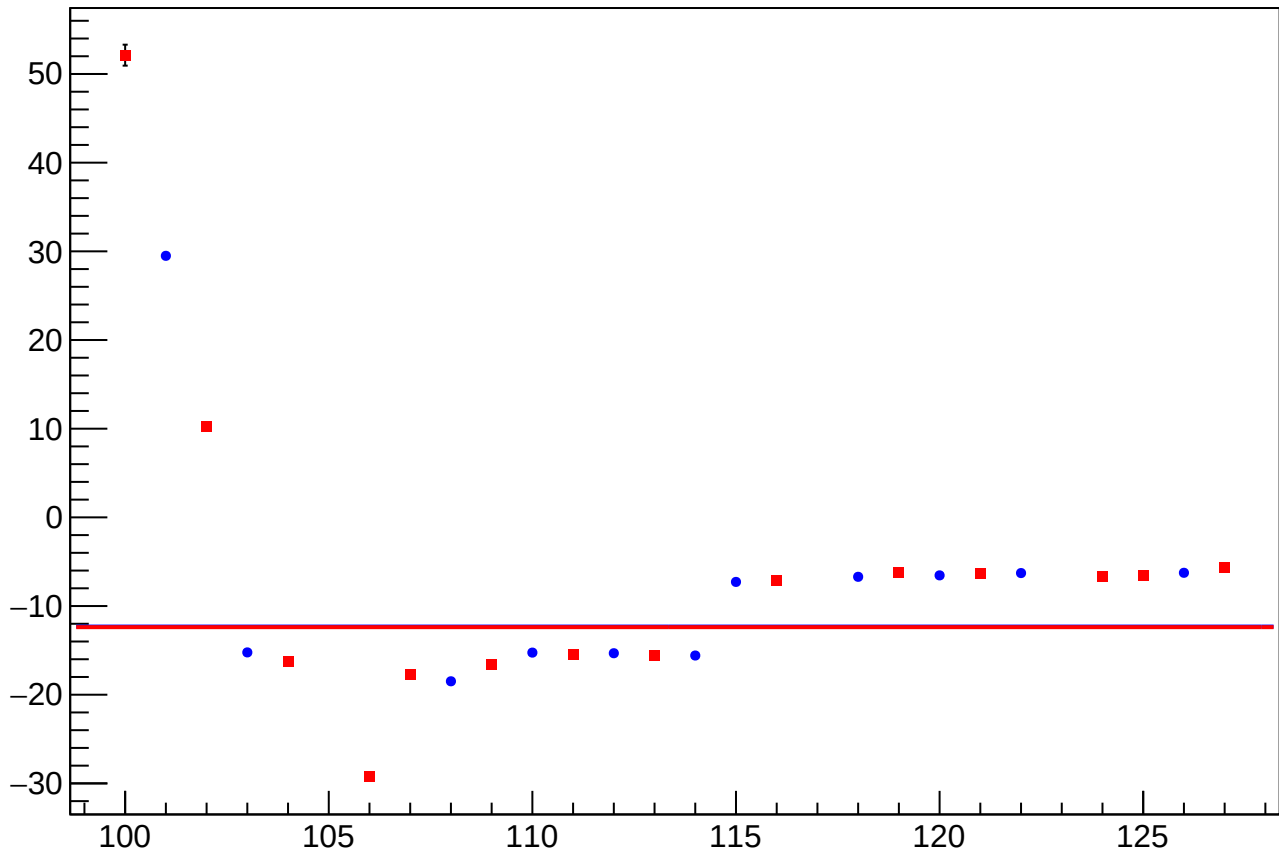
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.279 $\pm$ 0.539 χ^2 /NDF: 278.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr1_dd_diff_bpm12X_slope vs Slug



Right In: -12.316 $\pm$ 0.048 χ^2 /NDF: 23383.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -12.382 $\pm$ 0.044 χ^2 /NDF: 45761.2/13

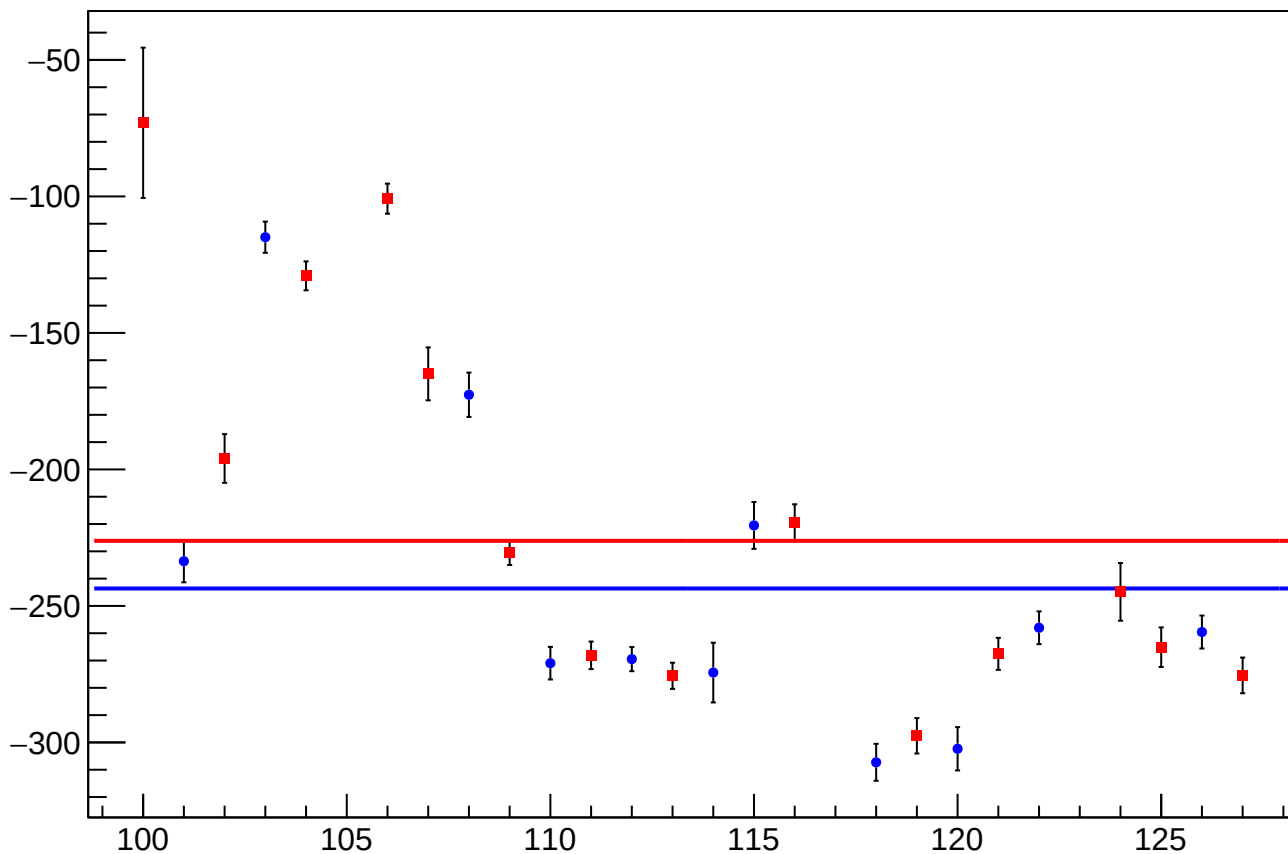
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -12.352 $\pm$ 0.033 χ^2 /NDF: 69146.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr2_avg_diff_bpm1X_slope vs Slug



Right In: -243.609+/-1.974 χ^2/NDF : 812.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -226.154+/-1.682 χ^2/NDF : 1373.0/13

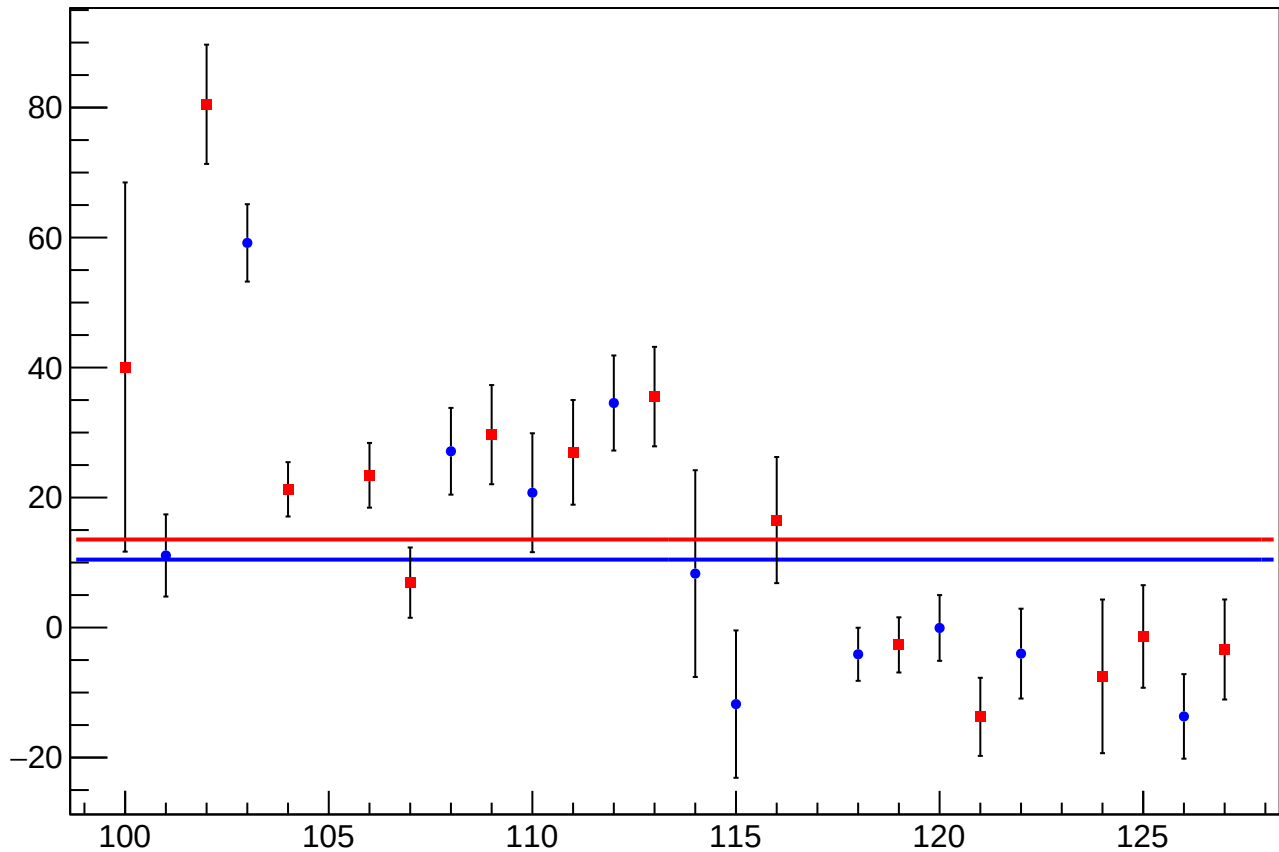
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -233.495+/-1.280 χ^2/NDF : 2230.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_avg_diff_bpm4aY_slope vs Slug



Right In: 10.454+/-1.955 χ^2/NDF : 124.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.547+/-1.745 χ^2/NDF : 125.4/13

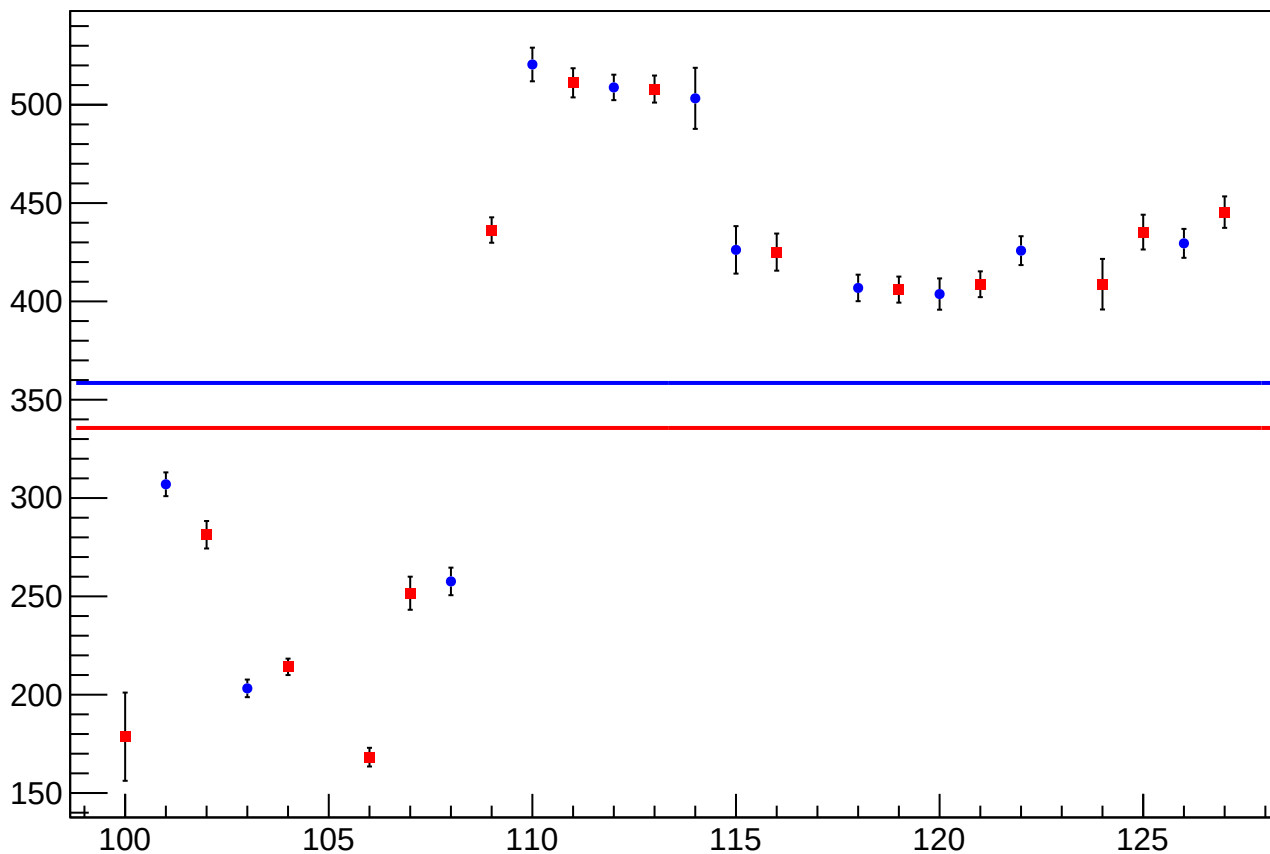
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.176+/-1.302 χ^2/NDF : 251.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_avg_diff_bpm4eX_slope vs Slug



Right In: 358.528 $\pm$ 2.128 χ^2 /NDF: 2757.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 335.639 $\pm$ 1.847 χ^2 /NDF: 4400.8/13

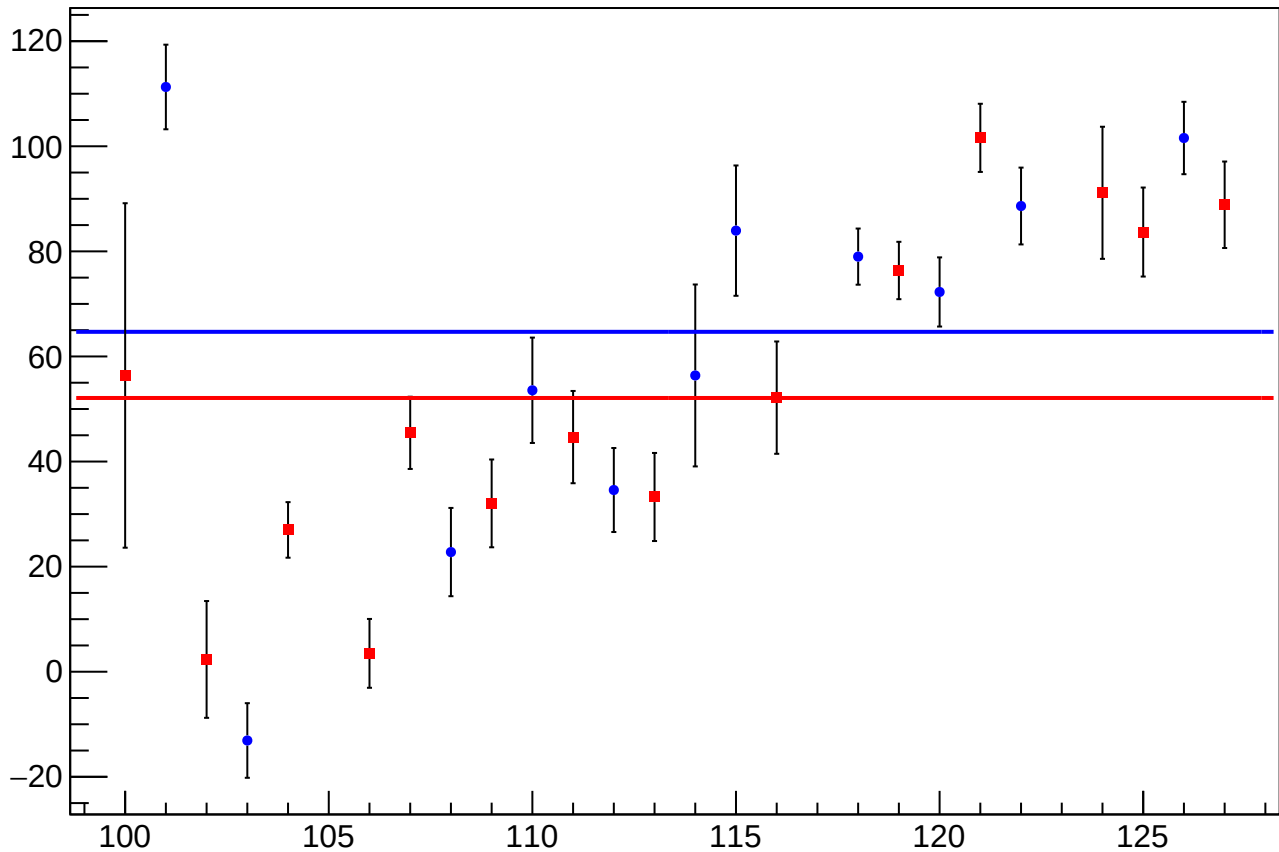
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 345.476 $\pm$ 1.395 χ^2 /NDF: 7224.5/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr2_avg_diff_bpm4eY_slope vs Slug



Right In: 64.687 $\pm$ 2.339 χ^2 /NDF: 244.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 52.097 $\pm$ 2.077 χ^2 /NDF: 231.6/13

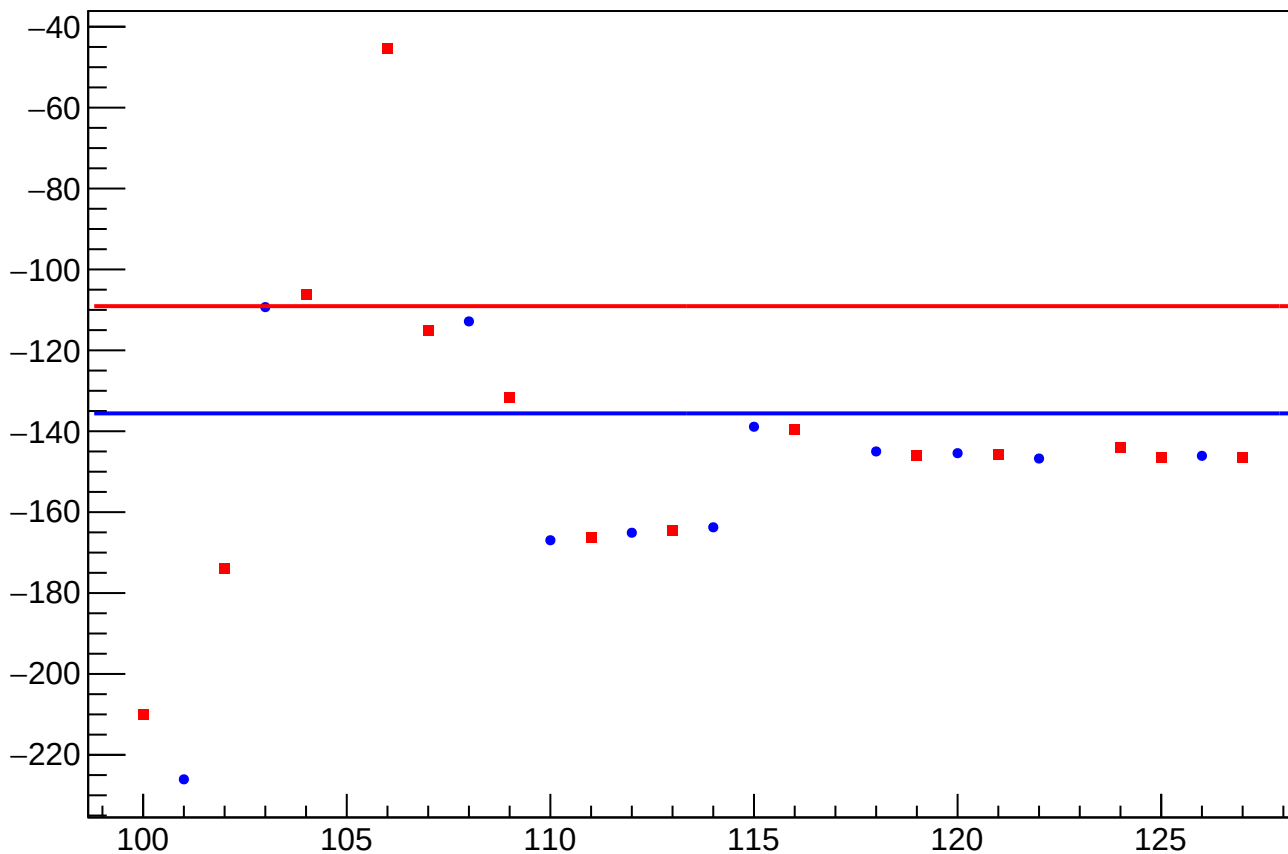
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 57.646 $\pm$ 1.553 χ^2 /NDF: 492.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr2_avg_diff_bpm12X_slope vs Slug



Right In: -135.586+/-0.121 χ^2/NDF : 96003.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

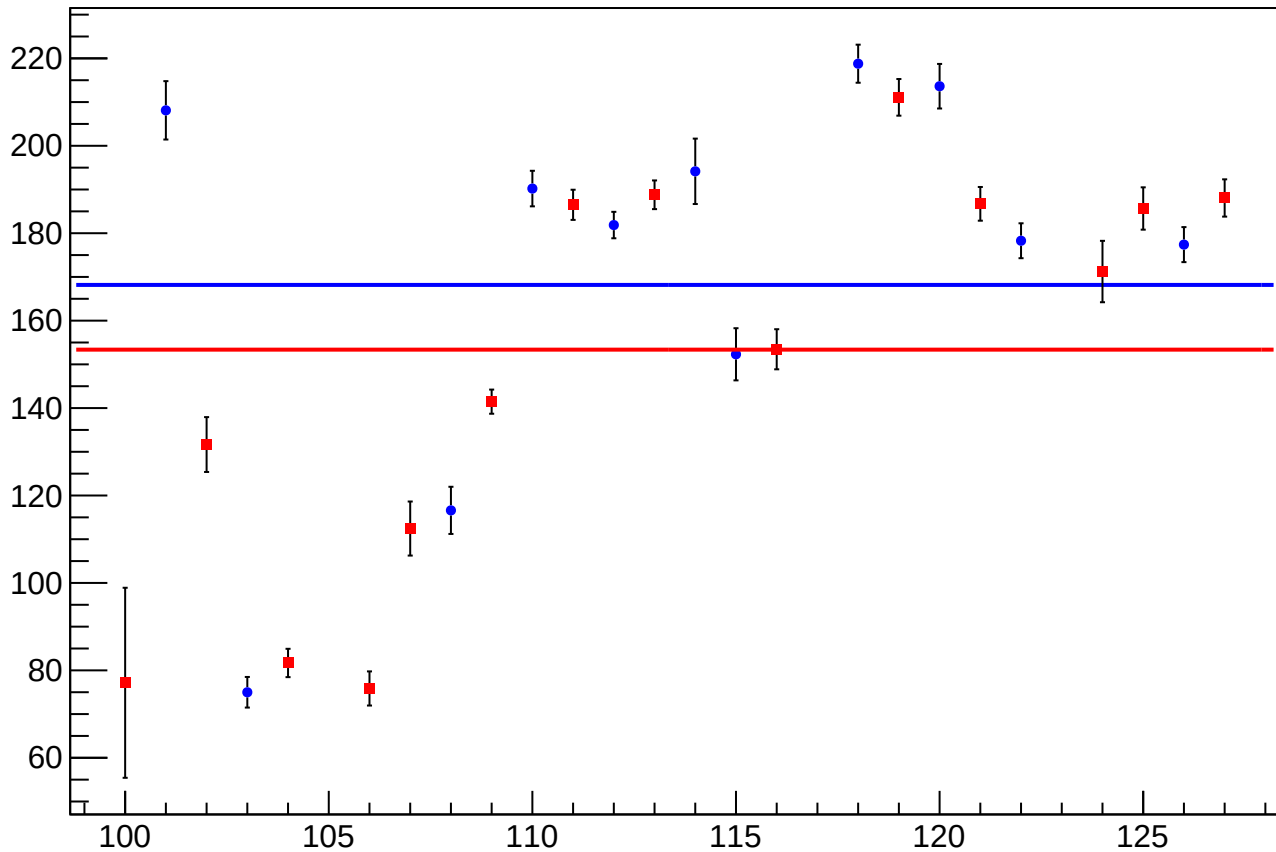
Right Out: -109.078+/-0.100 χ^2/NDF : 210031.9/13

All: -119.891+/-0.077 χ^2/NDF : 334479.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_dd_diff_bpm1X_slope vs Slug



Right In: 168.173+/-1.324 χ^2/NDF : 1130.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.367+/-1.110 χ^2/NDF : 1560.3/13

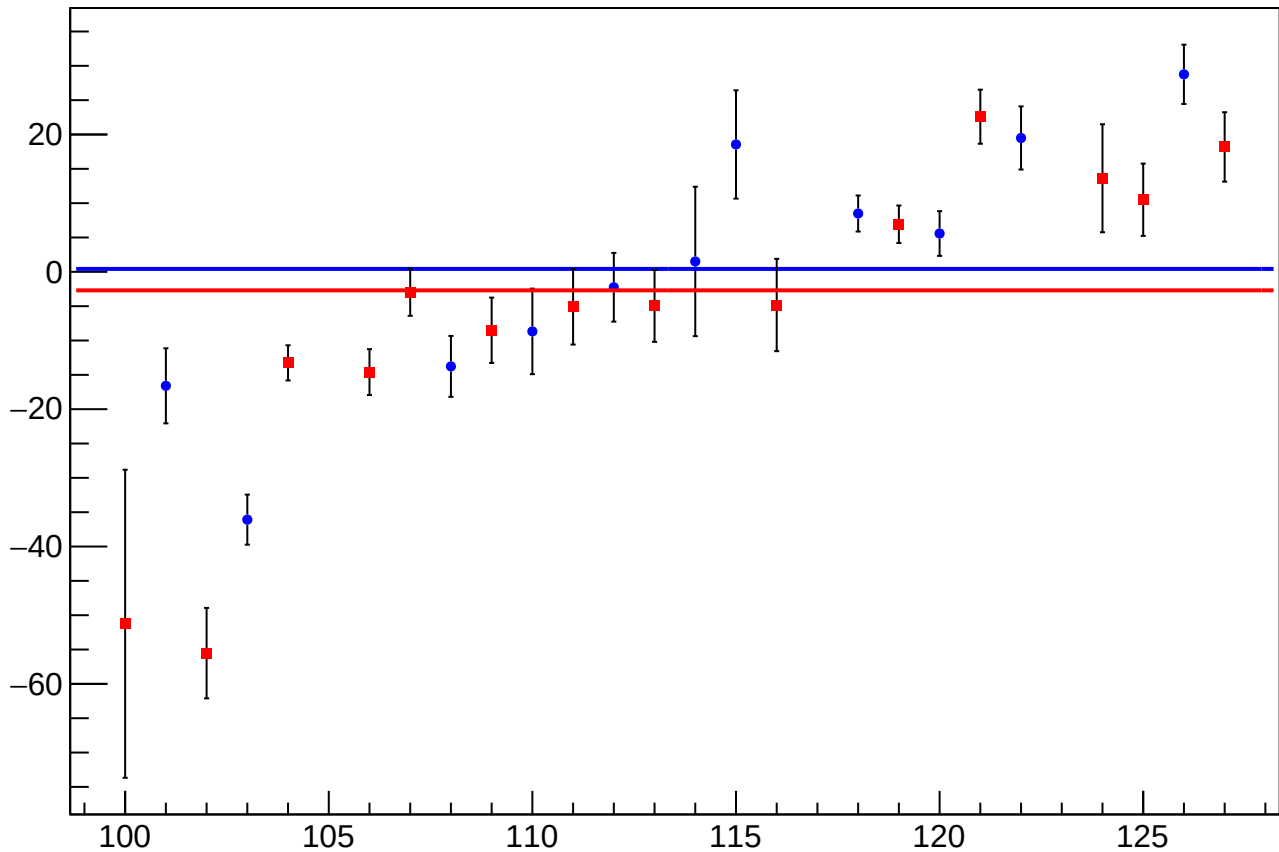
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.476+/-0.851 χ^2/NDF : 2764.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_dd_diff_bpm4aY_slope vs Slug



Right In: 0.427 ± 1.302 χ^2/NDF : 200.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.695 ± 1.134 χ^2/NDF : 182.1/13

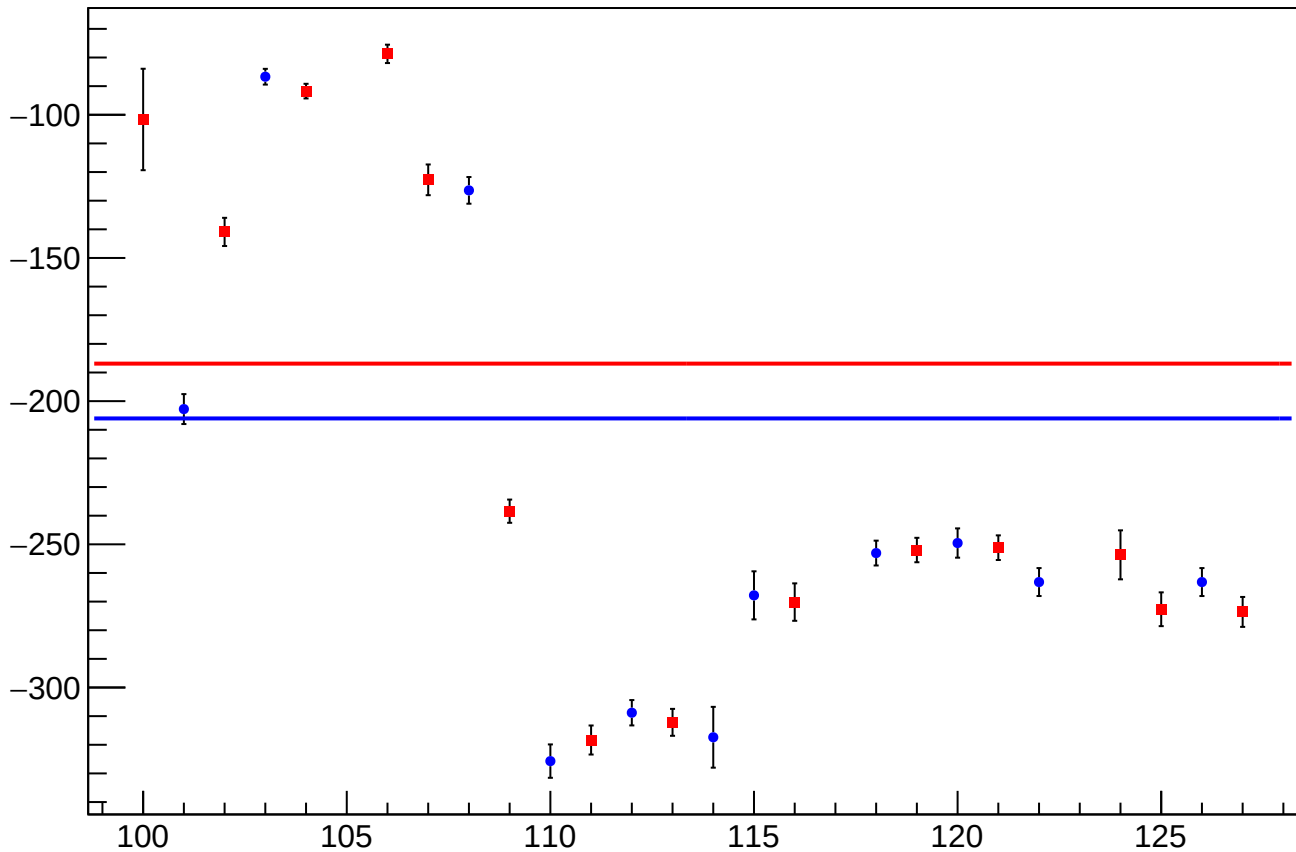
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.348 ± 0.855 χ^2/NDF : 385.4/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_dd_diff_bpm4eX_slope vs Slug



Right In: -206.039+/-1.423 χ^2/NDF : 3766.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -186.898+/-1.208 χ^2/NDF : 5484.6/13

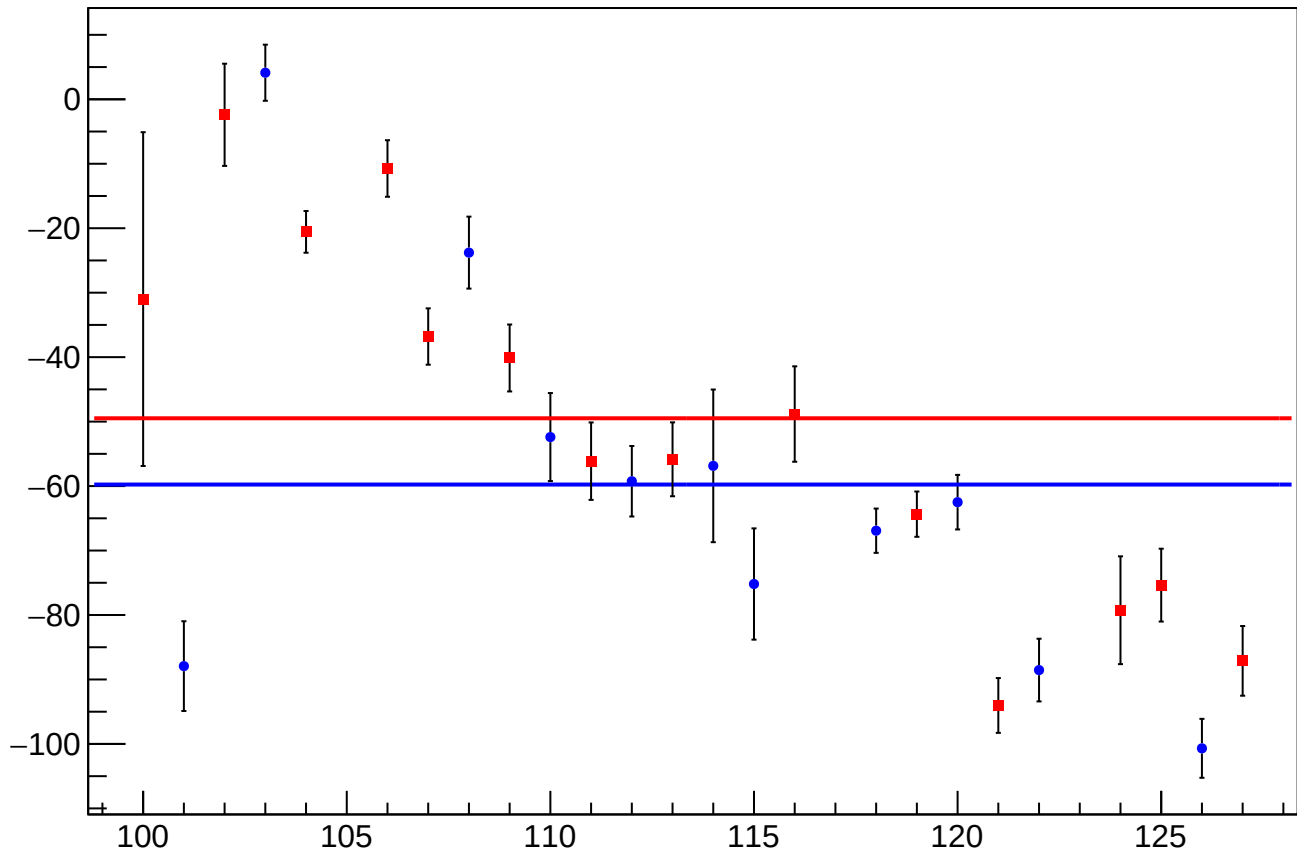
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -194.913+/-0.921 χ^2/NDF : 9355.9/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_dd_diff_bpm4eY_slope vs Slug



Right In: -59.763 $\pm$ 1.558 χ^2 /NDF: 397.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -49.482 $\pm$ 1.352 χ^2 /NDF: 417.5/13

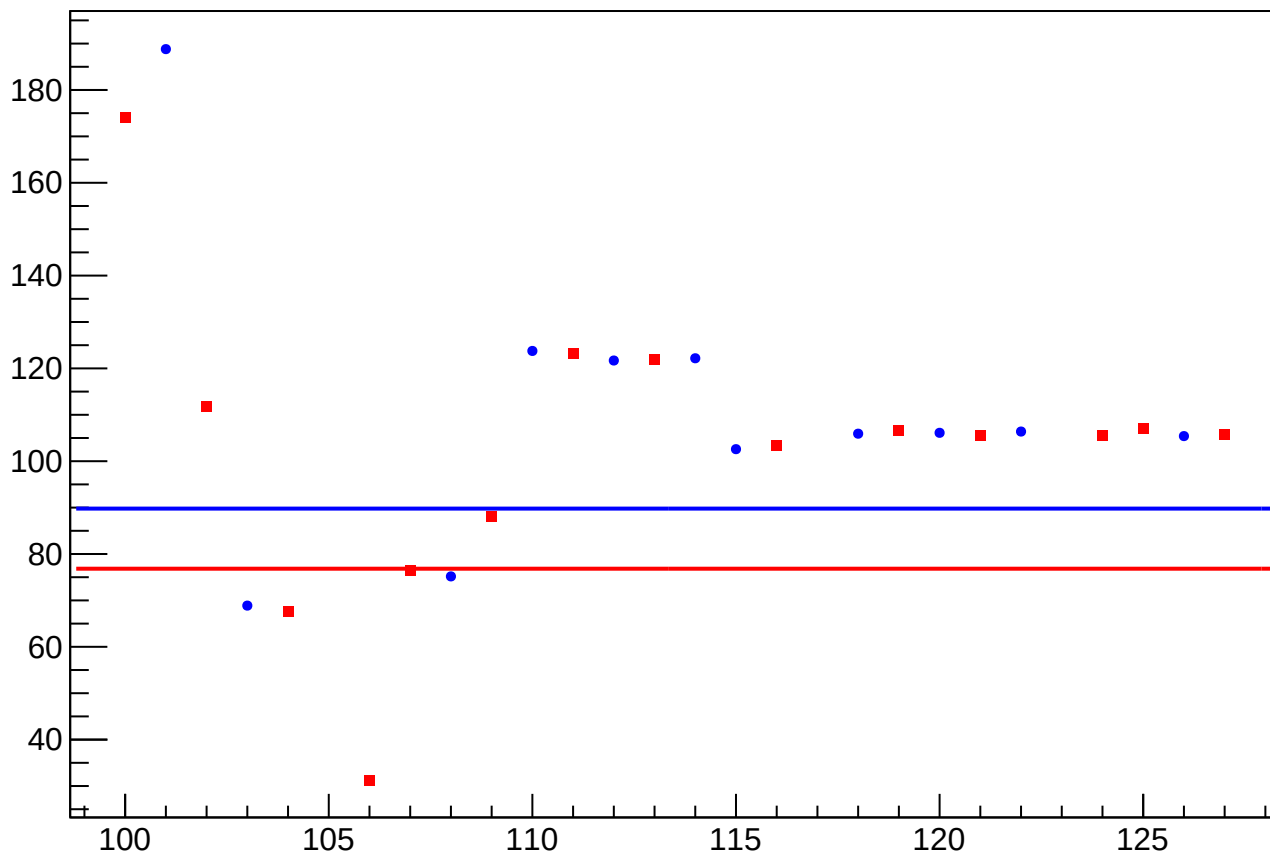
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -53.898 $\pm$ 1.021 χ^2 /NDF: 840.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr2_dd_diff_bpm12X_slope vs Slug



Right In: 89.786+/-0.079 χ^2/NDF : 162679.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.833+/-0.068 χ^2/NDF : 196564.4/13

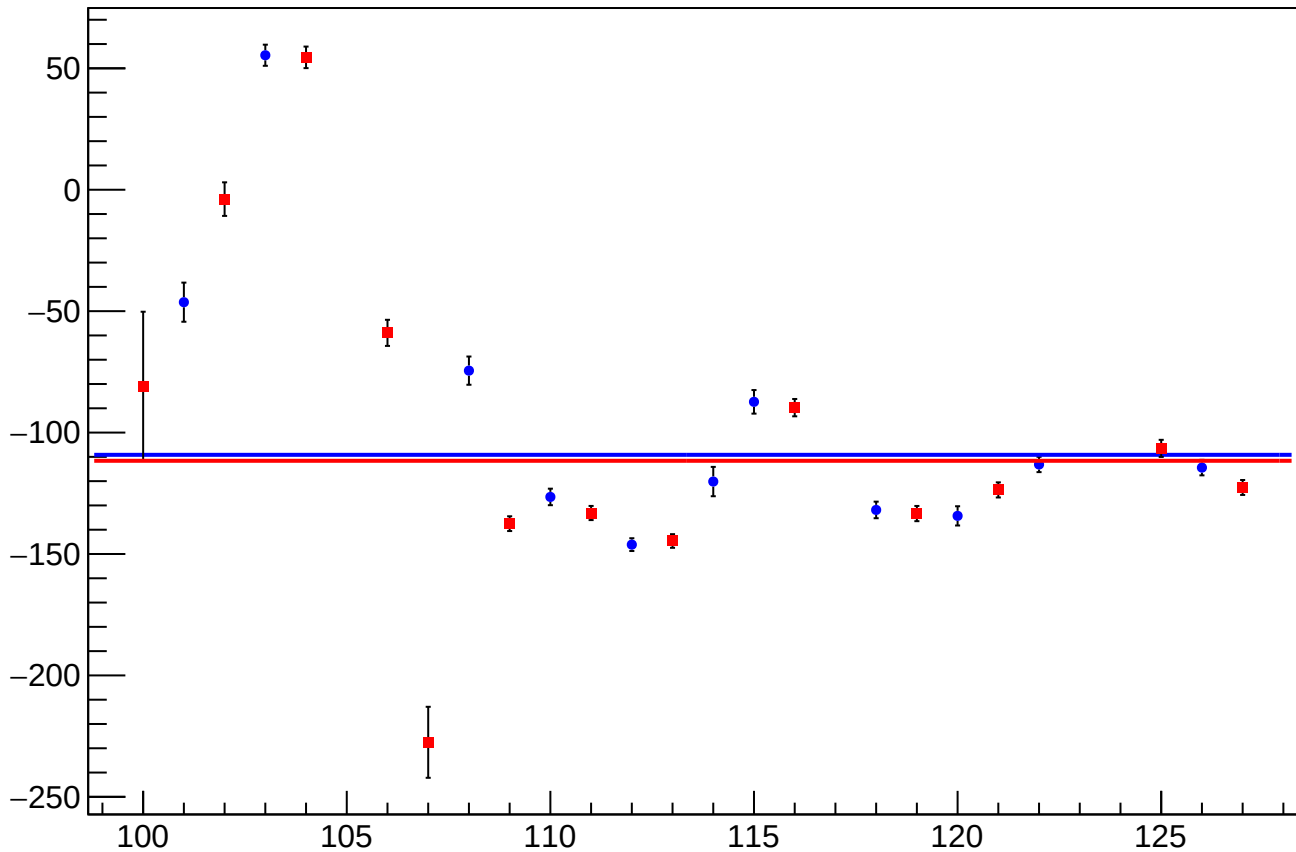
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.321+/-0.052 χ^2/NDF : 374585.9/24

- 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: -109.160 ± 1.157 χ^2/NDF : 1862.5/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -111.615 ± 1.034 χ^2/NDF : 2187.3/12

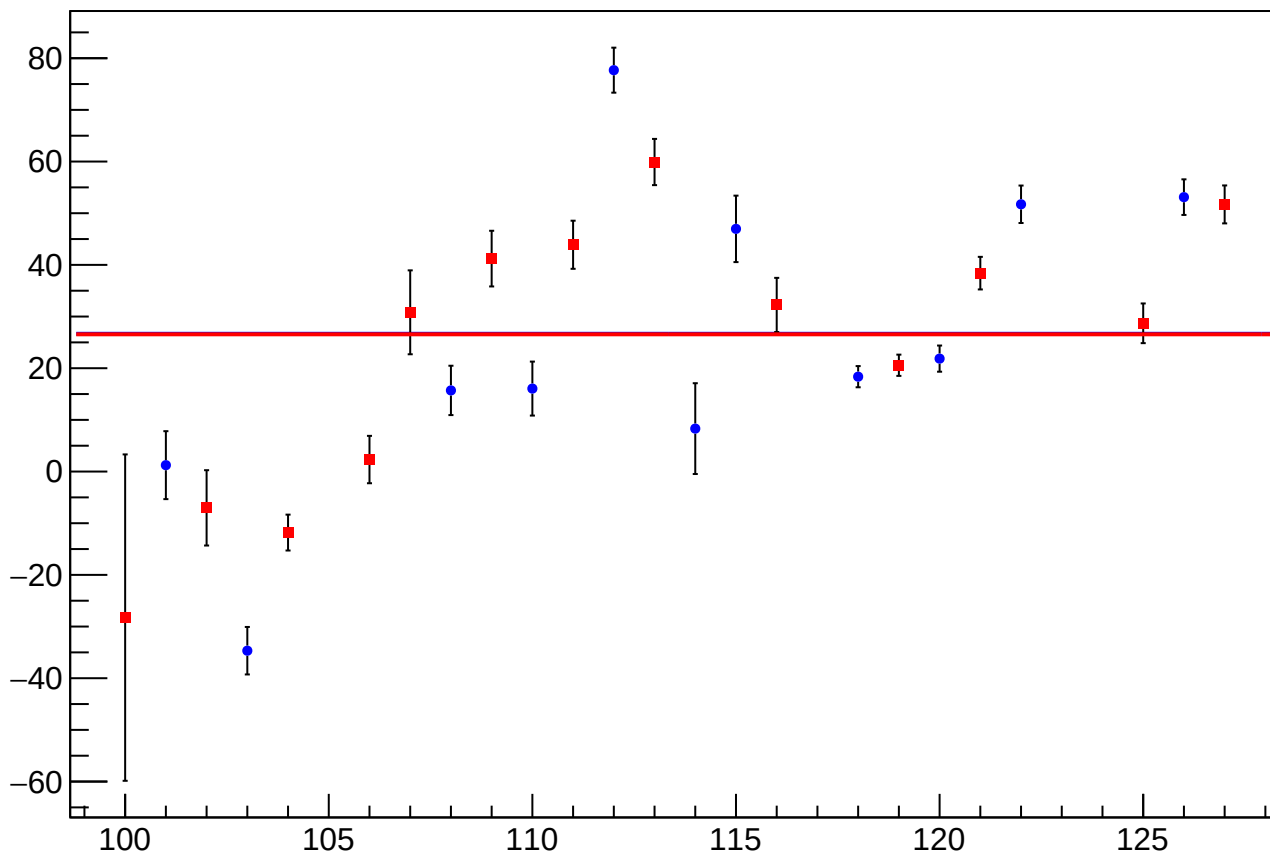
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -110.525 ± 0.771 χ^2/NDF : 4052.3/23

- 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: 26.659+/-1.122 χ^2/NDF : 480.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.564+/-1.110 χ^2/NDF : 322.4/12

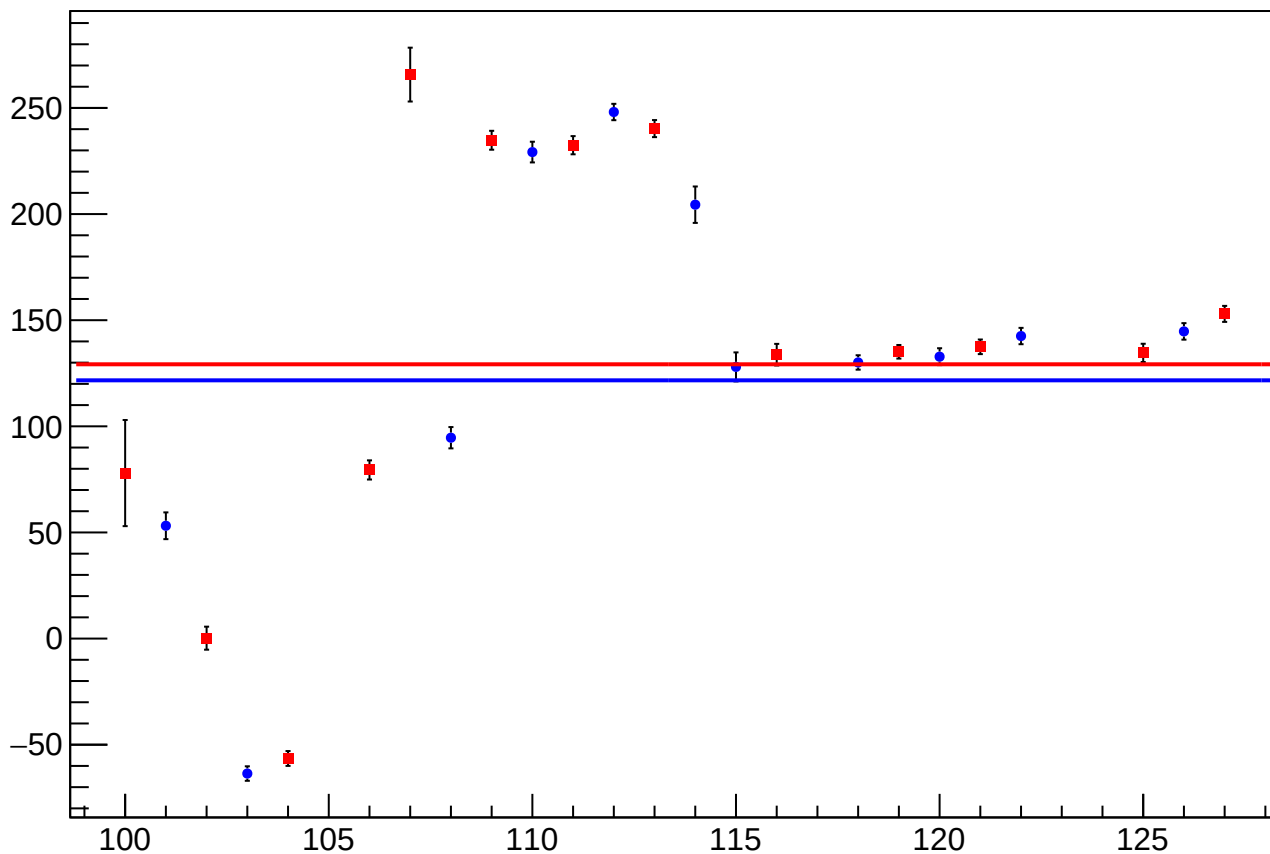
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.611+/-0.789 χ^2/NDF : 803.2/23

- 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: 121.670+/-1.315 χ^2/NDF : 4823.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.225+/-1.209 χ^2/NDF : 5584.3/12

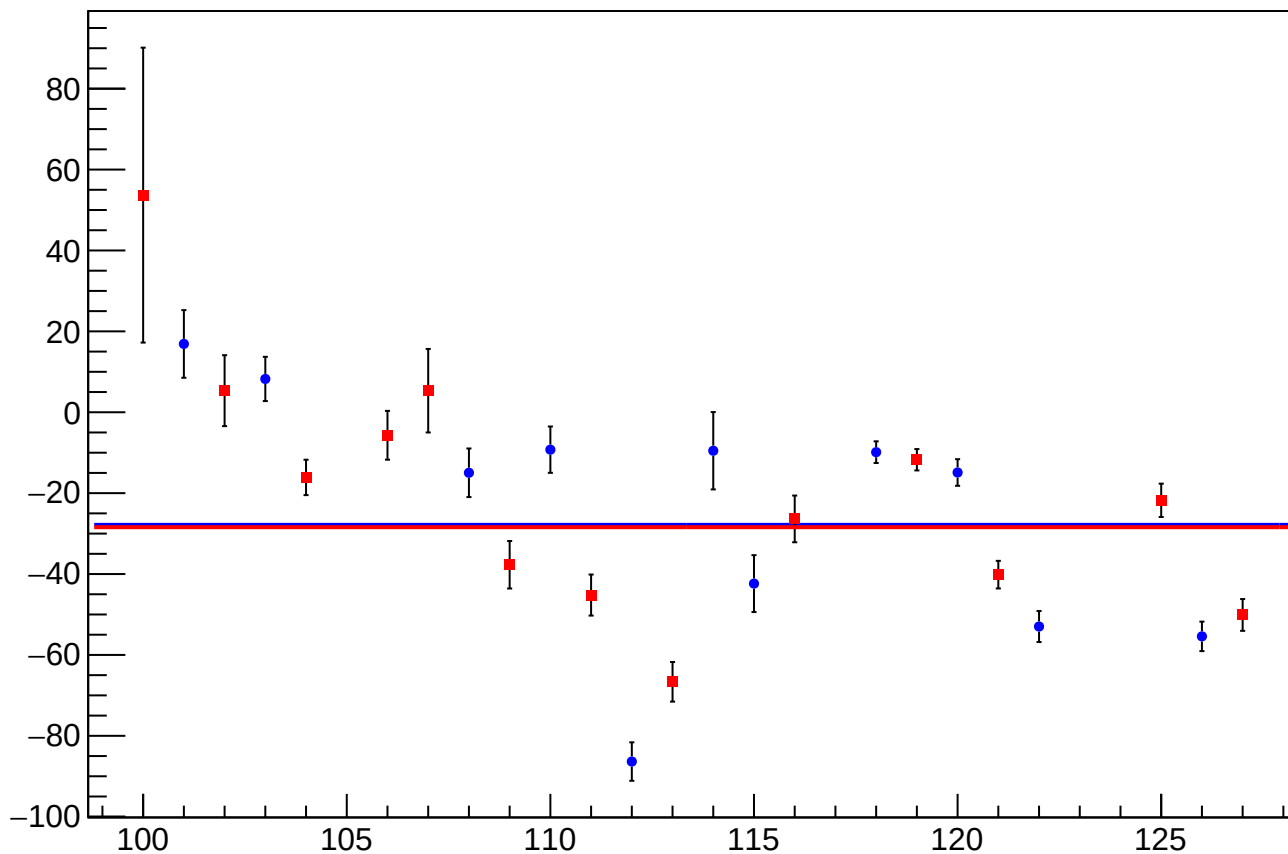
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.764+/-0.890 χ^2/NDF : 10426.1/23

- 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: -27.841+/-1.341 χ^2/NDF : 407.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -28.419+/-1.296 χ^2/NDF : 211.9/12

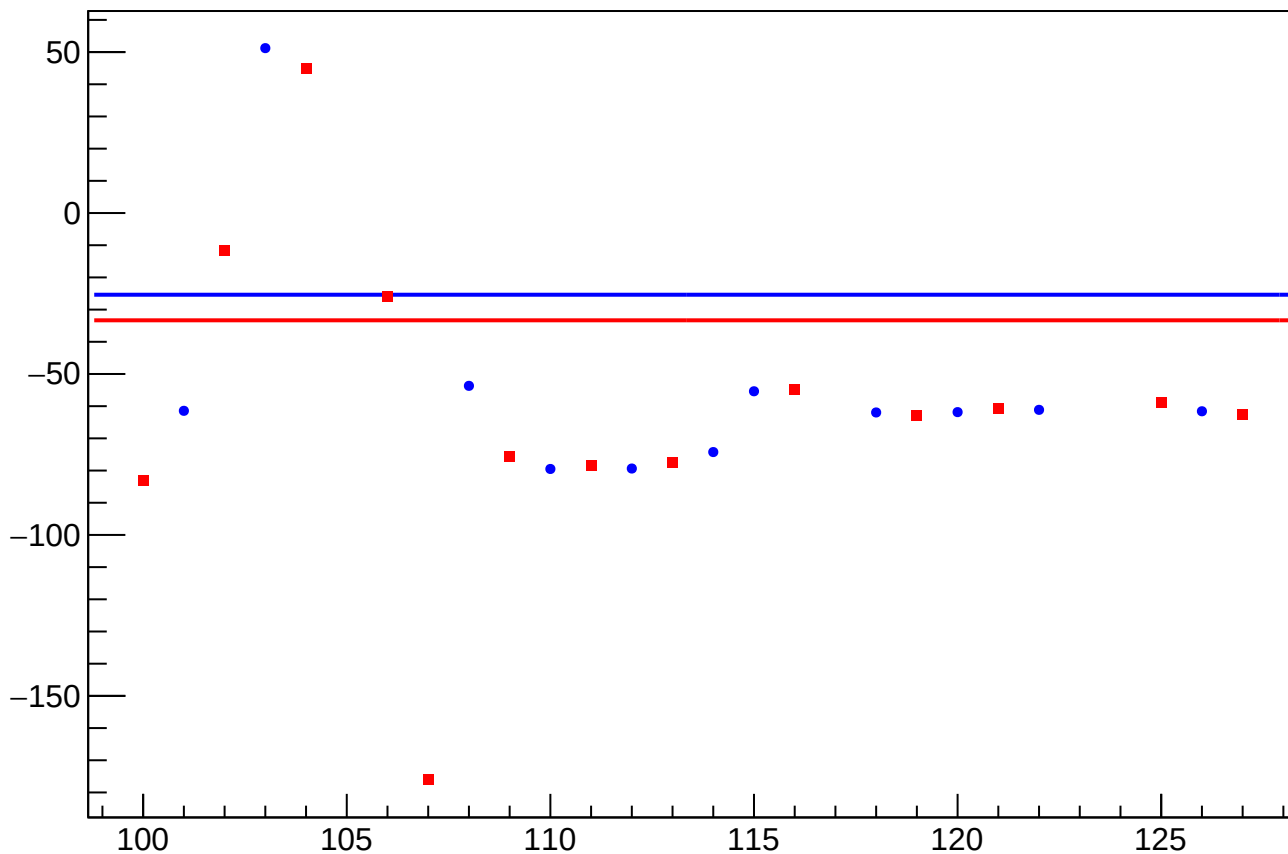
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.140+/-0.932 χ^2/NDF : 619.1/23

- 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: -25.379+/-0.082 χ^2/NDF : 438954.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -33.326+/-0.077 χ^2/NDF : 405547.4/12

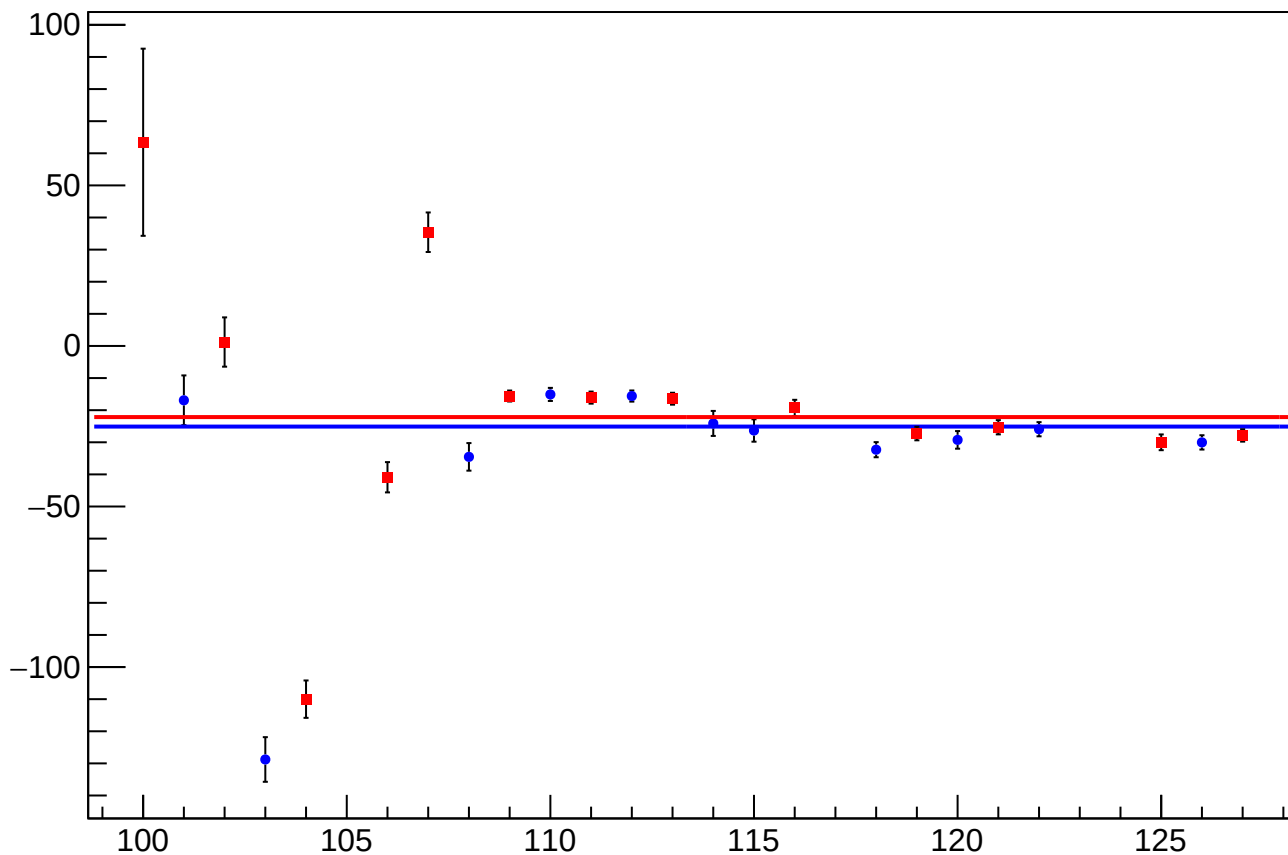
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.561+/-0.056 χ^2/NDF : 849505.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_dd_diff_bpm1X_slope vs Slug



Right In: -25.108+/-0.808 χ^2/NDF : 299.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -22.149+/-0.697 χ^2/NDF : 411.9/12

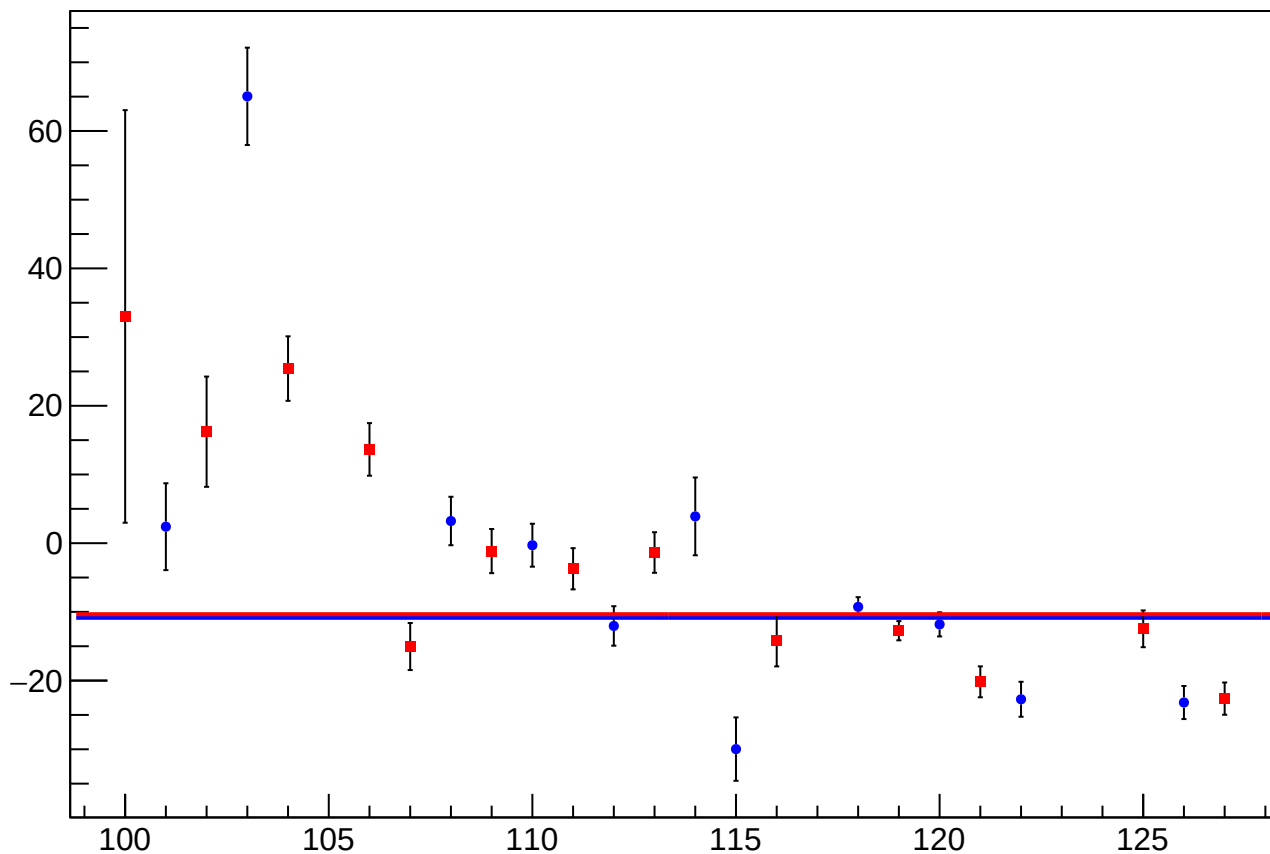
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.413+/-0.528 χ^2/NDF : 718.9/23

- 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: -10.858+/-0.795 χ^2/NDF : 220.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.336+/-0.781 χ^2/NDF : 185.7/12

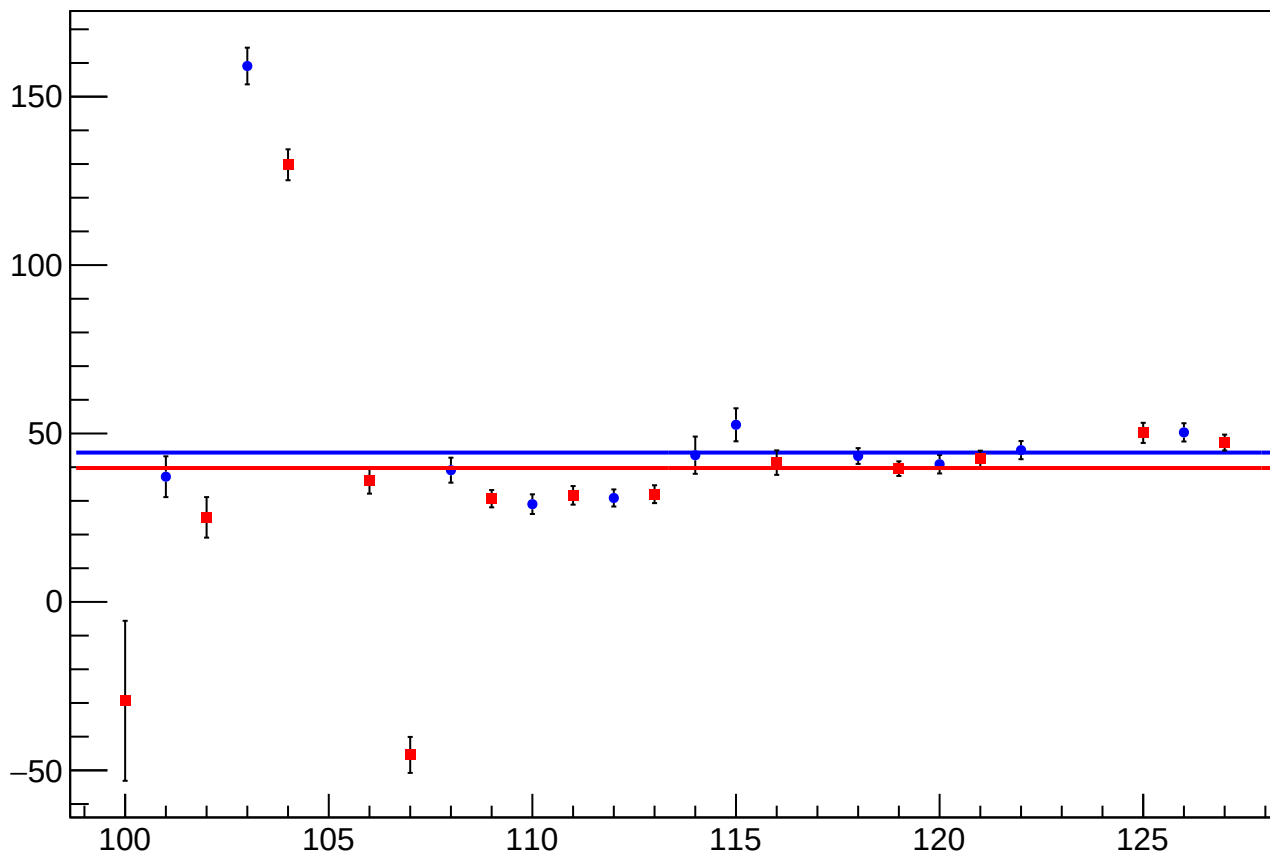
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.592+/-0.557 χ^2/NDF : 406.2/23

- 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: 44.336+/-0.968 χ^2/NDF : 512.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.750+/-0.860 χ^2/NDF : 707.4/12

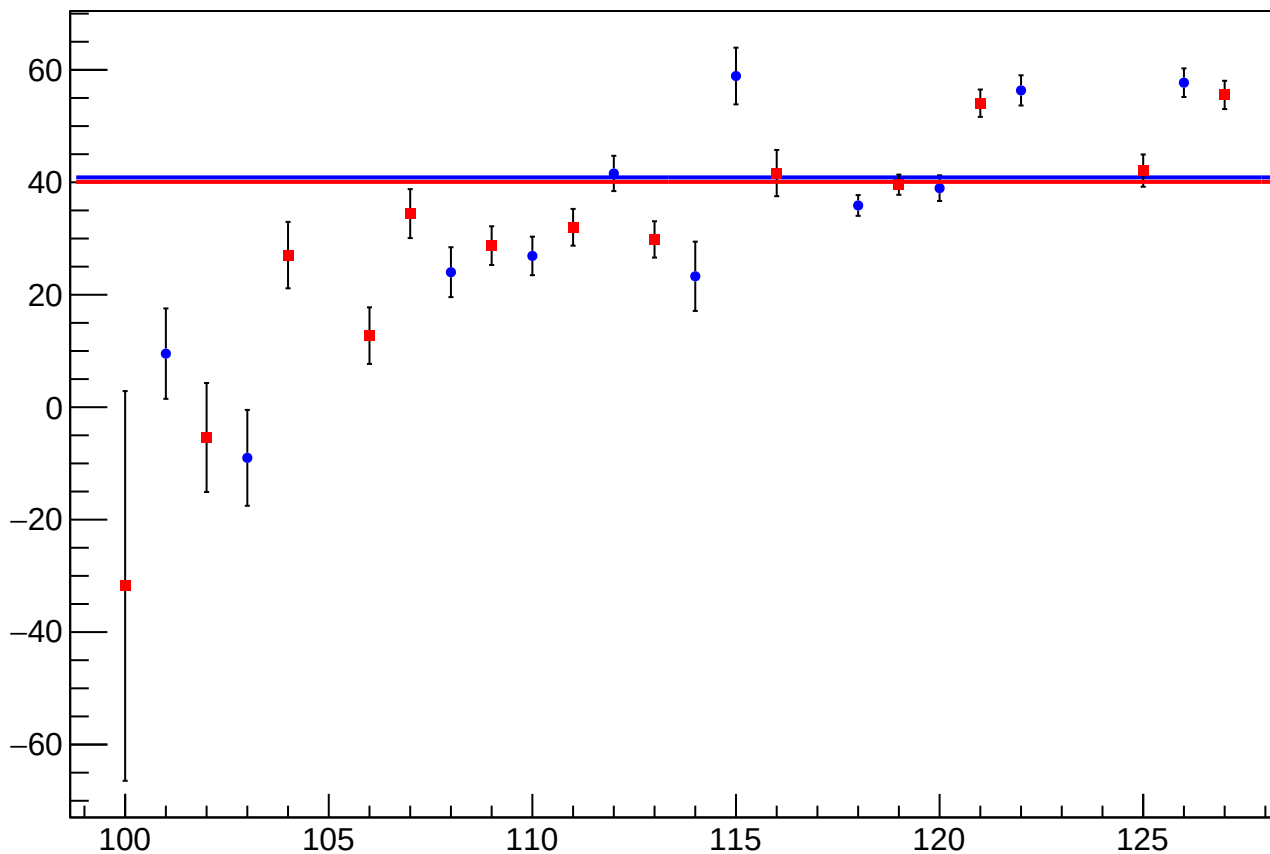
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.775+/-0.643 χ^2/NDF : 1232.5/23

- 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: 40.875+/-0.949 χ^2/NDF : 186.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.074+/-0.904 χ^2/NDF : 160.9/12

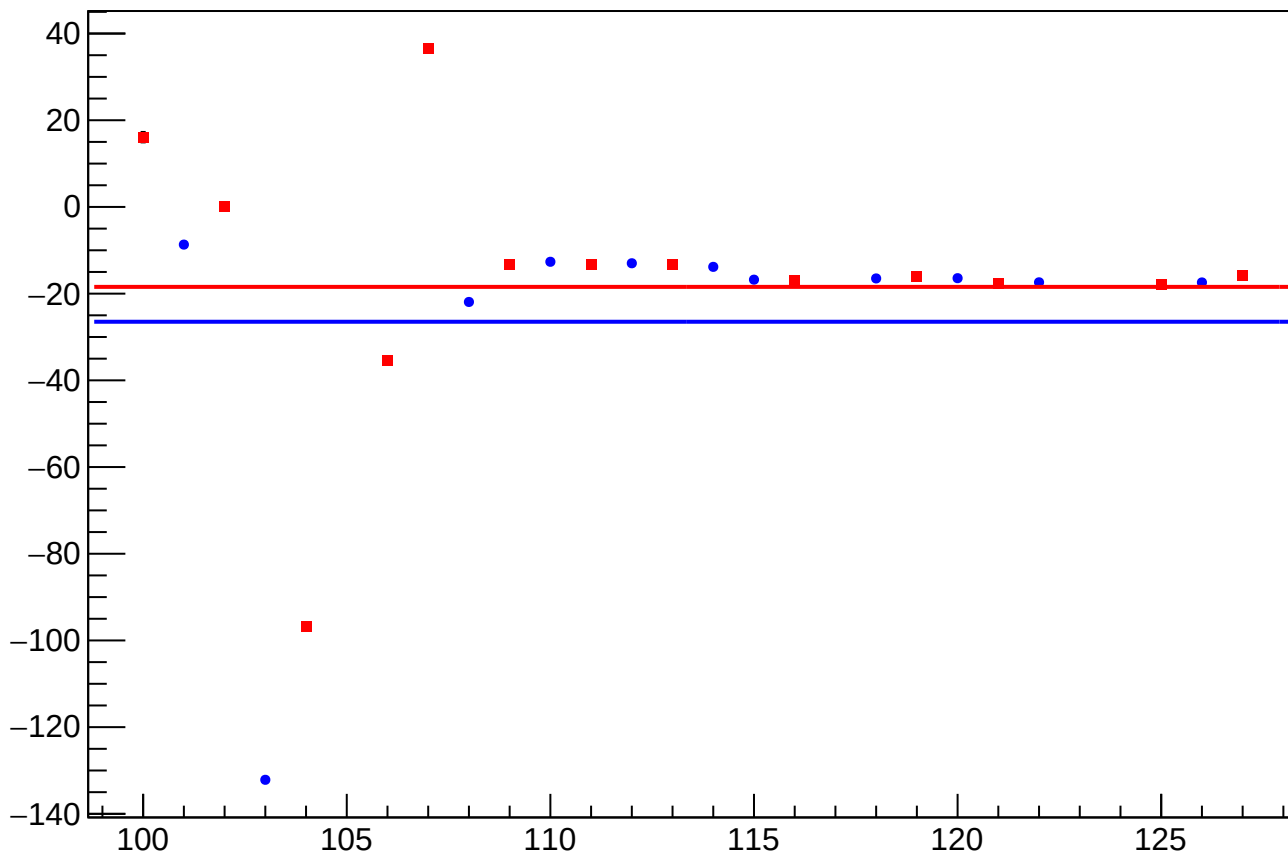
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.455+/-0.654 χ^2/NDF : 347.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_dd_diff_bpm12X_slope vs Slug



Right In: -26.483+/-0.067 χ^2/NDF : 231464.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.440+/-0.060 χ^2/NDF : 203470.1/12

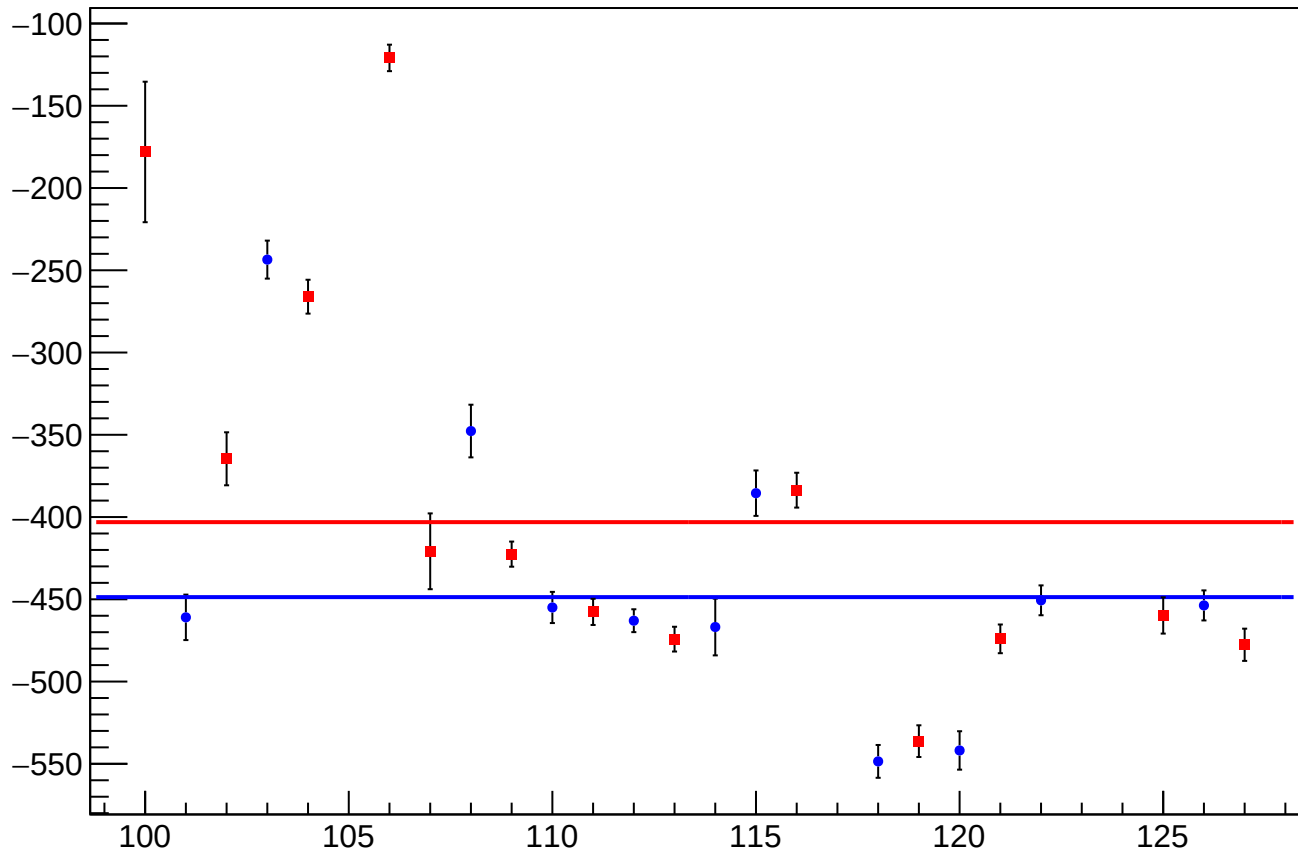
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.029+/-0.045 χ^2/NDF : 442906.0/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_avg_diff_bpm1X_slope vs Slug



Right In: -448.672+/-3.184 χ^2/NDF : 547.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -403.096+/-2.740 χ^2/NDF : 1927.7/12

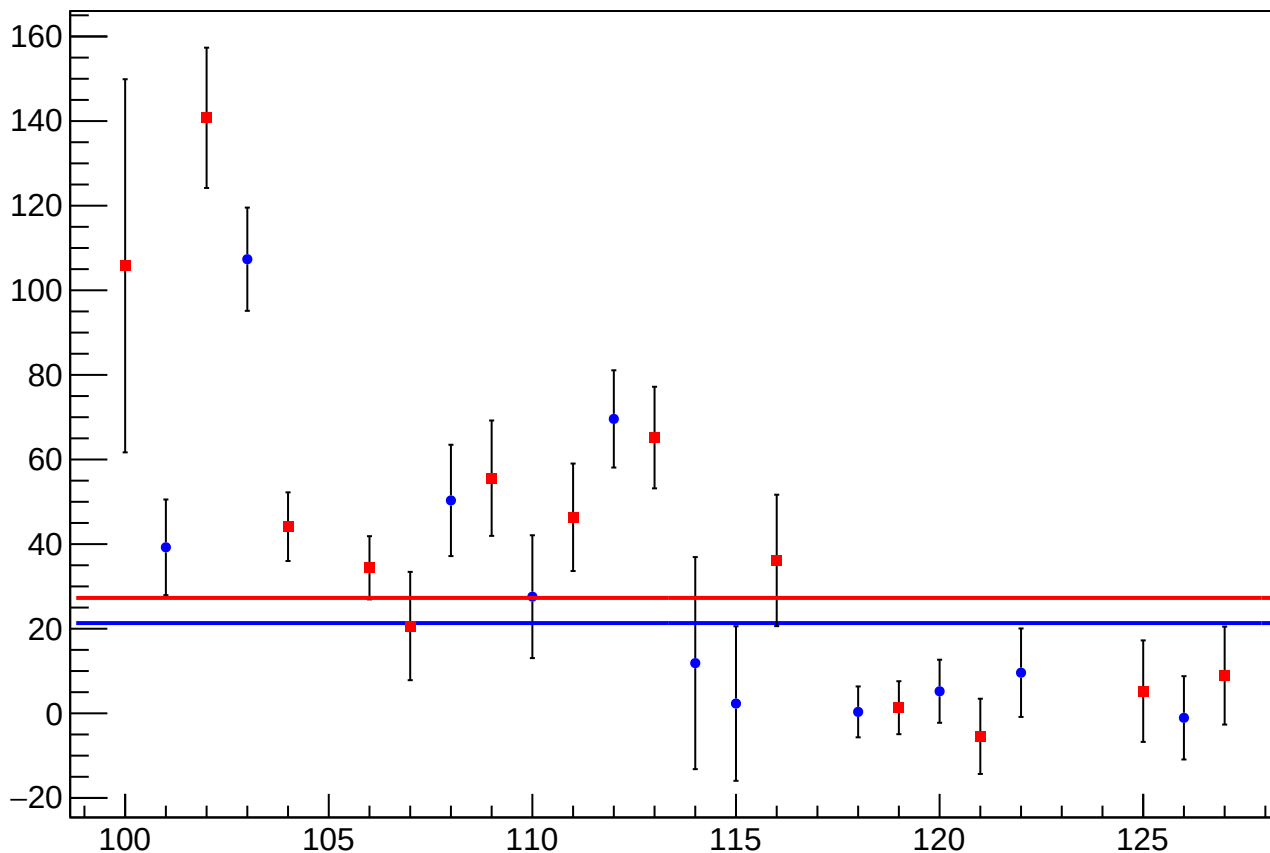
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -422.482+/-2.077 χ^2/NDF : 2592.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 21.334 $\pm$ 3.127 χ^2 /NDF: 99.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.281 $\pm$ 2.904 χ^2 /NDF: 109.0/12

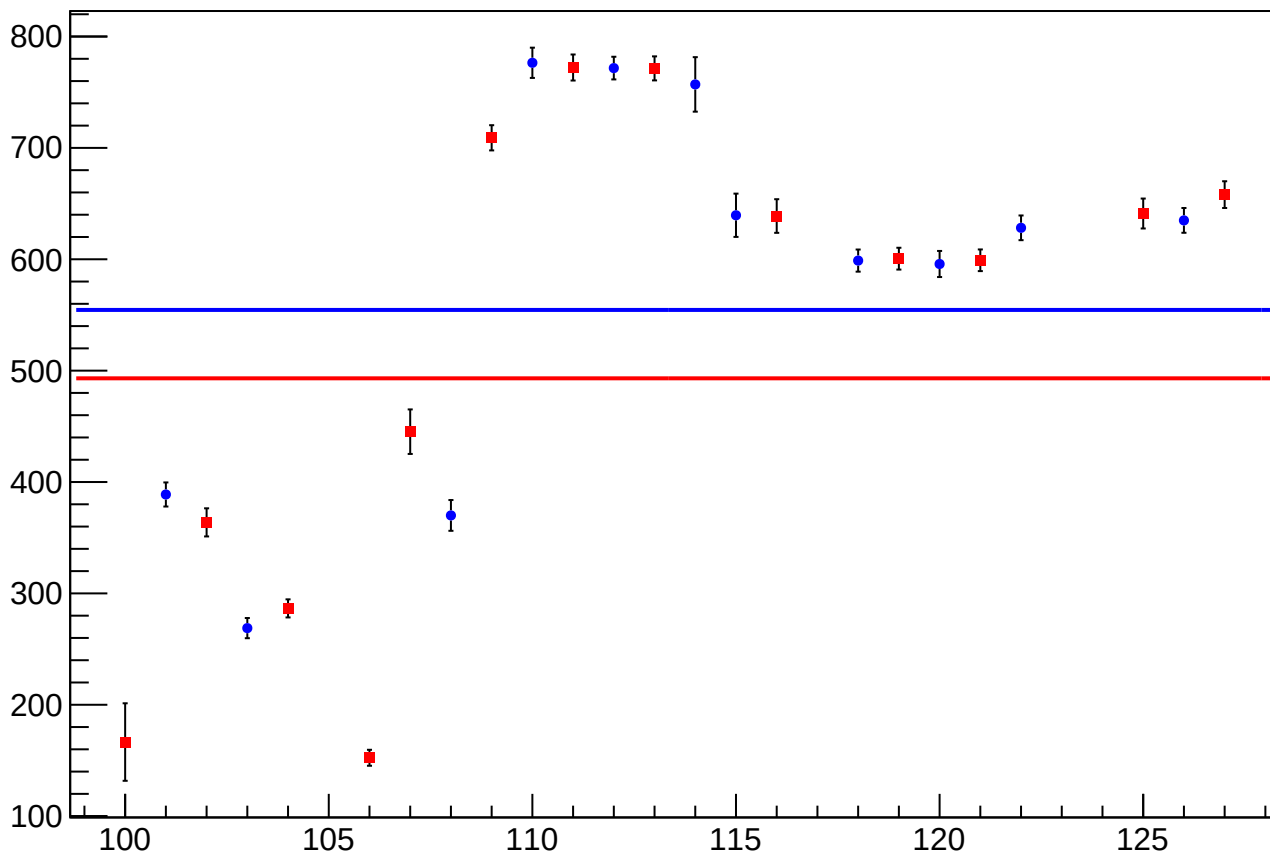
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.527 $\pm$ 2.128 χ^2 /NDF: 210.3/23

- 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: 554.512 $\pm$ 3.558 χ^2 /NDF: 2345.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 493.103 $\pm$ 3.074 χ^2 /NDF: 5348.4/12

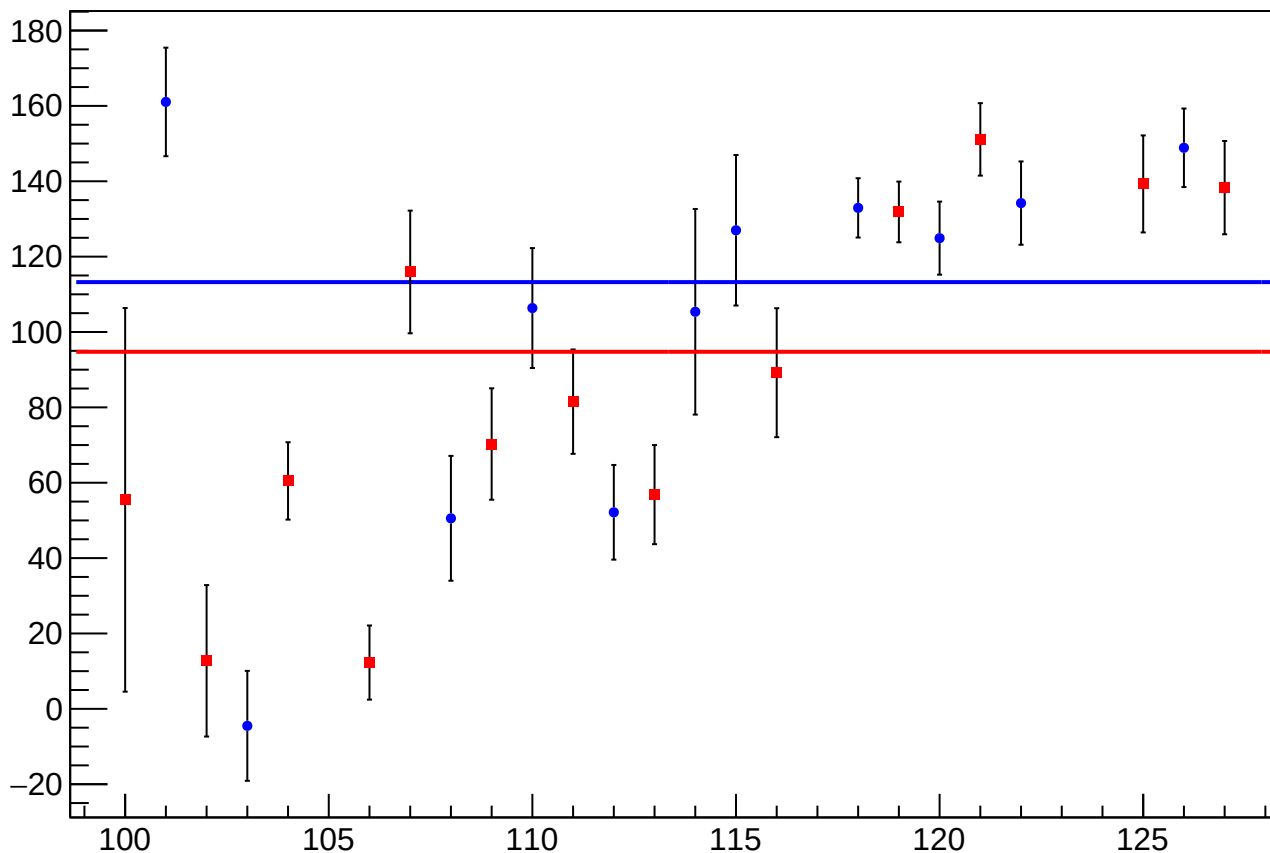
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 519.348 $\pm$ 2.326 χ^2 /NDF: 7864.5/23

- 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: 113.240 $\pm$ 3.740 χ^2 /NDF: 137.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 94.751 $\pm$ 3.446 χ^2 /NDF: 192.4/12

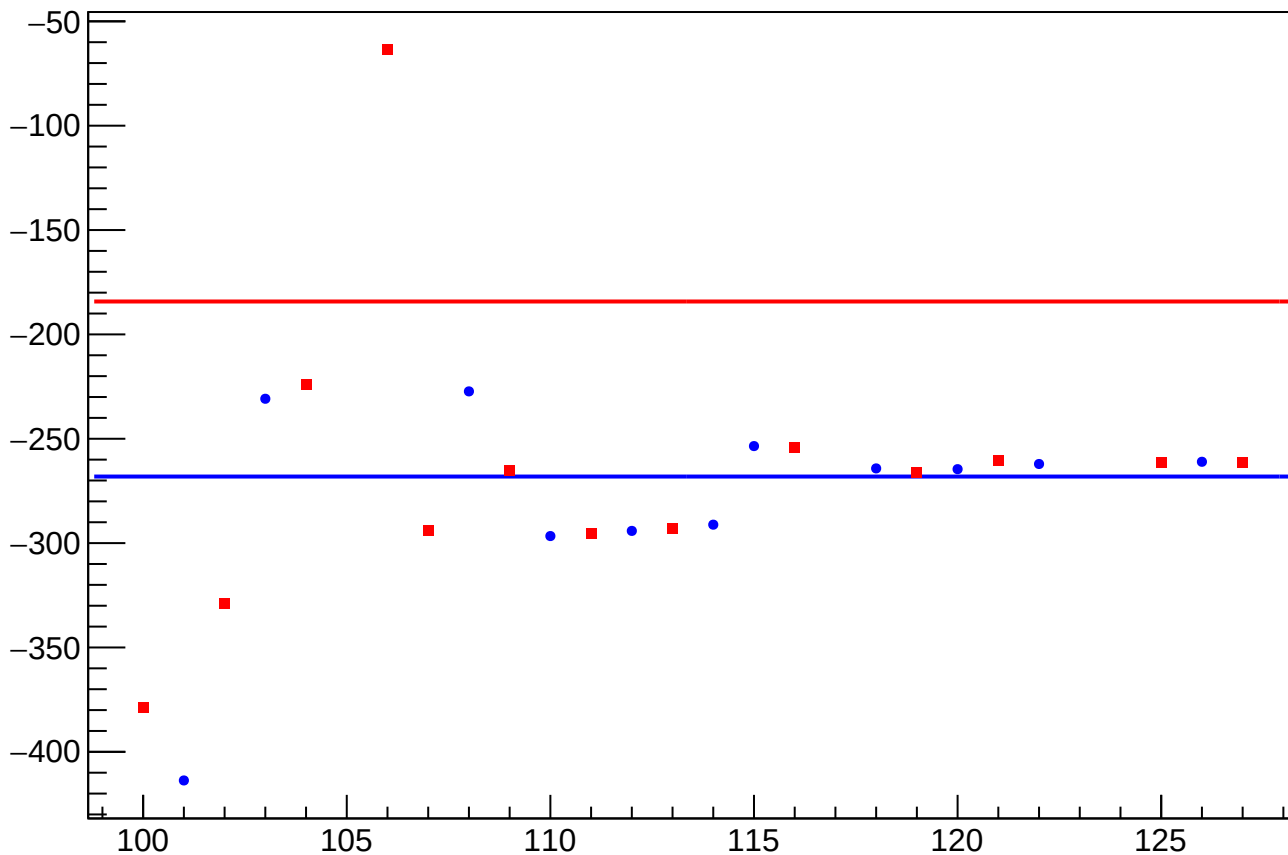
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 103.239 $\pm$ 2.534 χ^2 /NDF: 343.5/23

- 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: -268.103+/-0.218 χ^2/NDF : 67744.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -184.234+/-0.164 χ^2/NDF : 411103.8/12

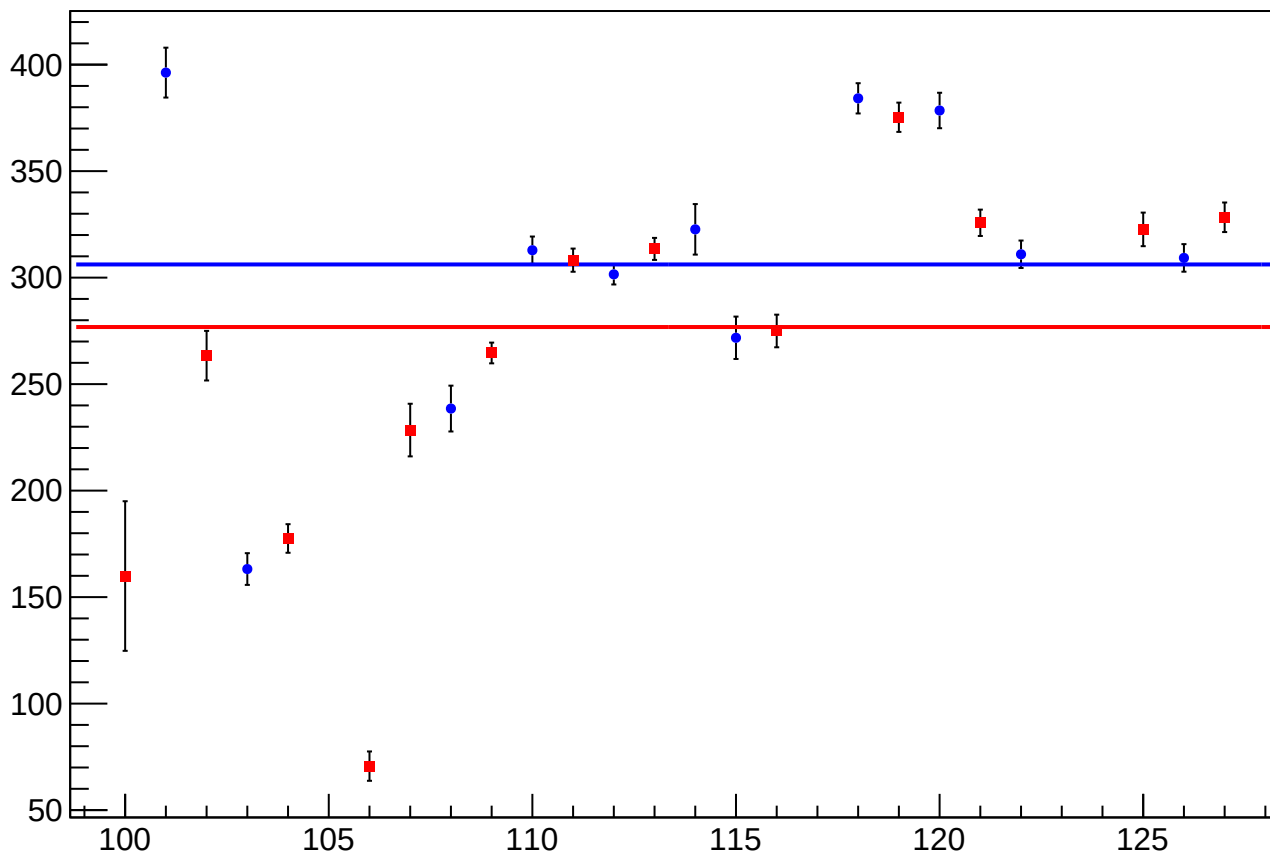
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -214.640+/-0.131 χ^2/NDF : 573360.2/23

- 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: 306.186 ± 2.226 χ^2/NDF : 680.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 276.808 ± 1.915 χ^2/NDF : 1589.3/12

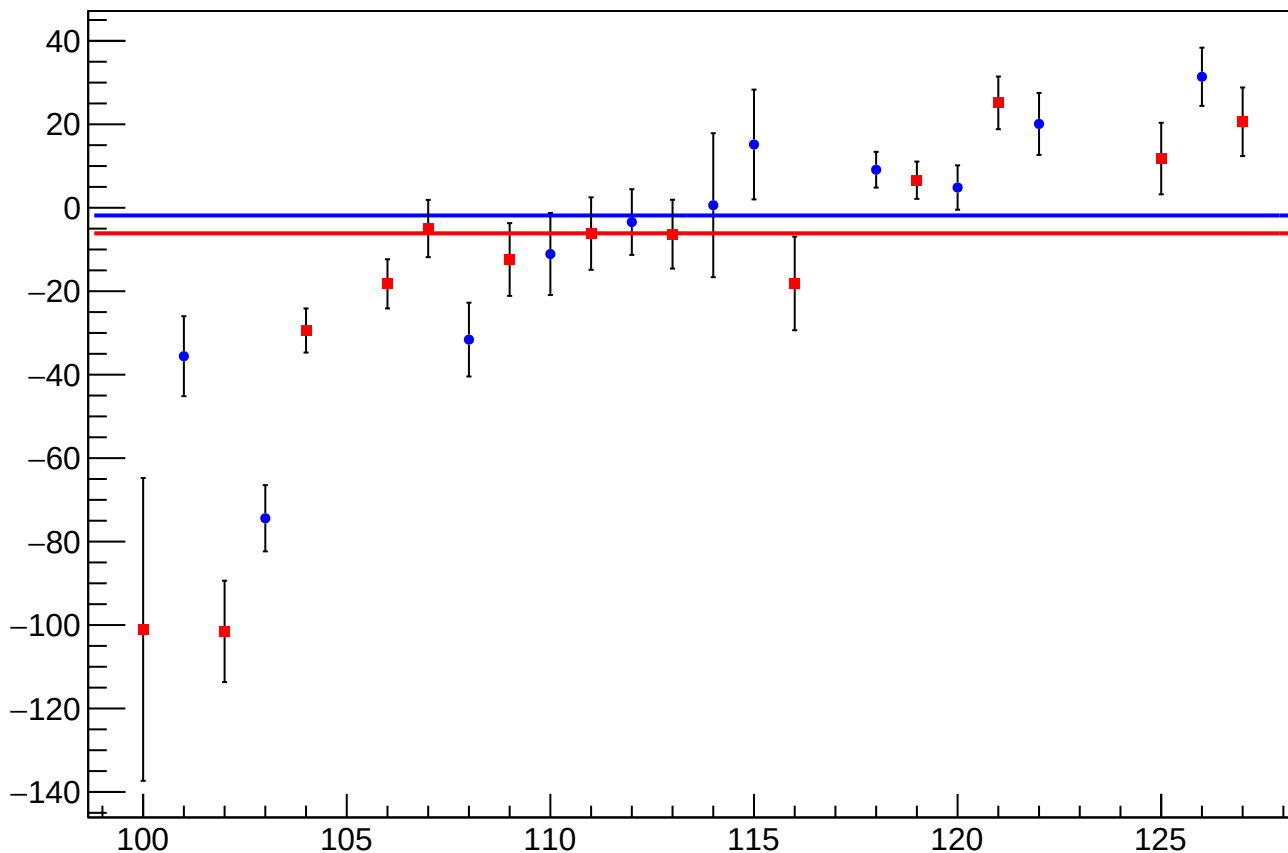
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 289.306 ± 1.452 χ^2/NDF : 2369.4/23

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: -1.843+/-2.215 χ^2/NDF : 149.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.117+/-2.016 χ^2/NDF : 141.5/12

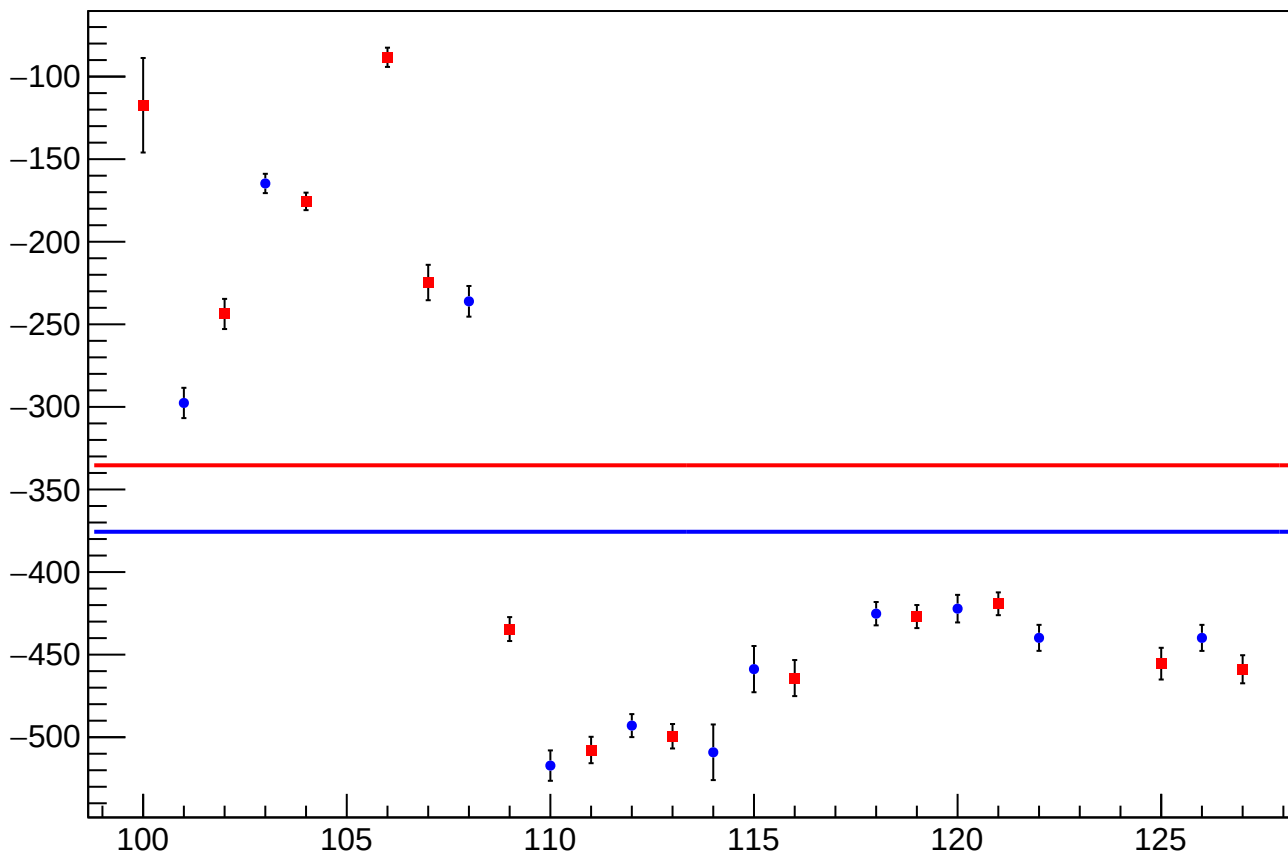
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.181+/-1.491 χ^2/NDF : 293.1/23

- 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: -375.601+/-2.497 χ^2/NDF : 2431.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -335.361+/-2.159 χ^2/NDF : 4942.5/12

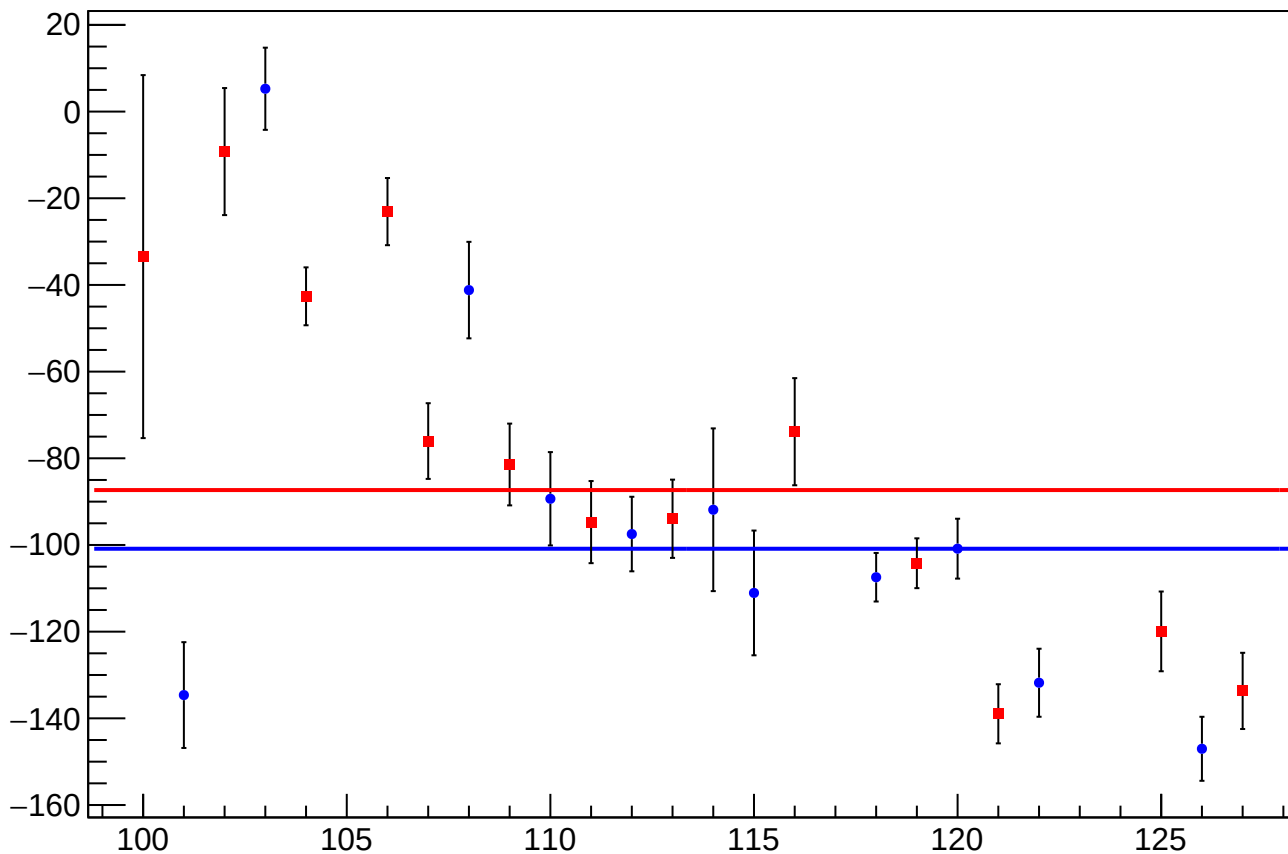
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -352.575+/-1.633 χ^2/NDF : 7522.8/23

- 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: -100.871 $\pm$ 2.644 χ^2 /NDF: 219.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -87.330 $\pm$ 2.390 χ^2 /NDF: 254.2/12

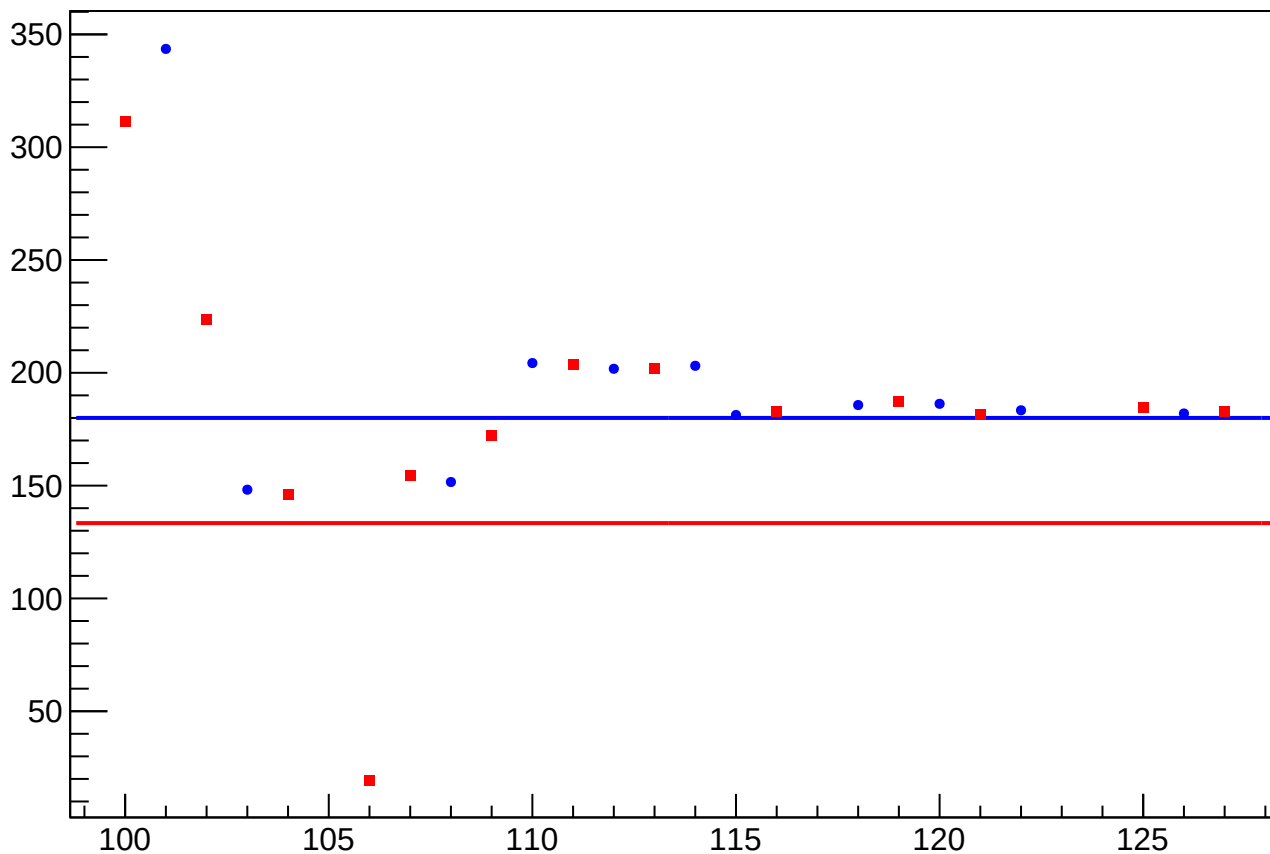
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -93.420 $\pm$ 1.773 χ^2 /NDF: 488.4/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at2lr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 180.004+/-0.150 χ^2/NDF : 114874.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.398+/-0.122 χ^2/NDF : 375840.4/12

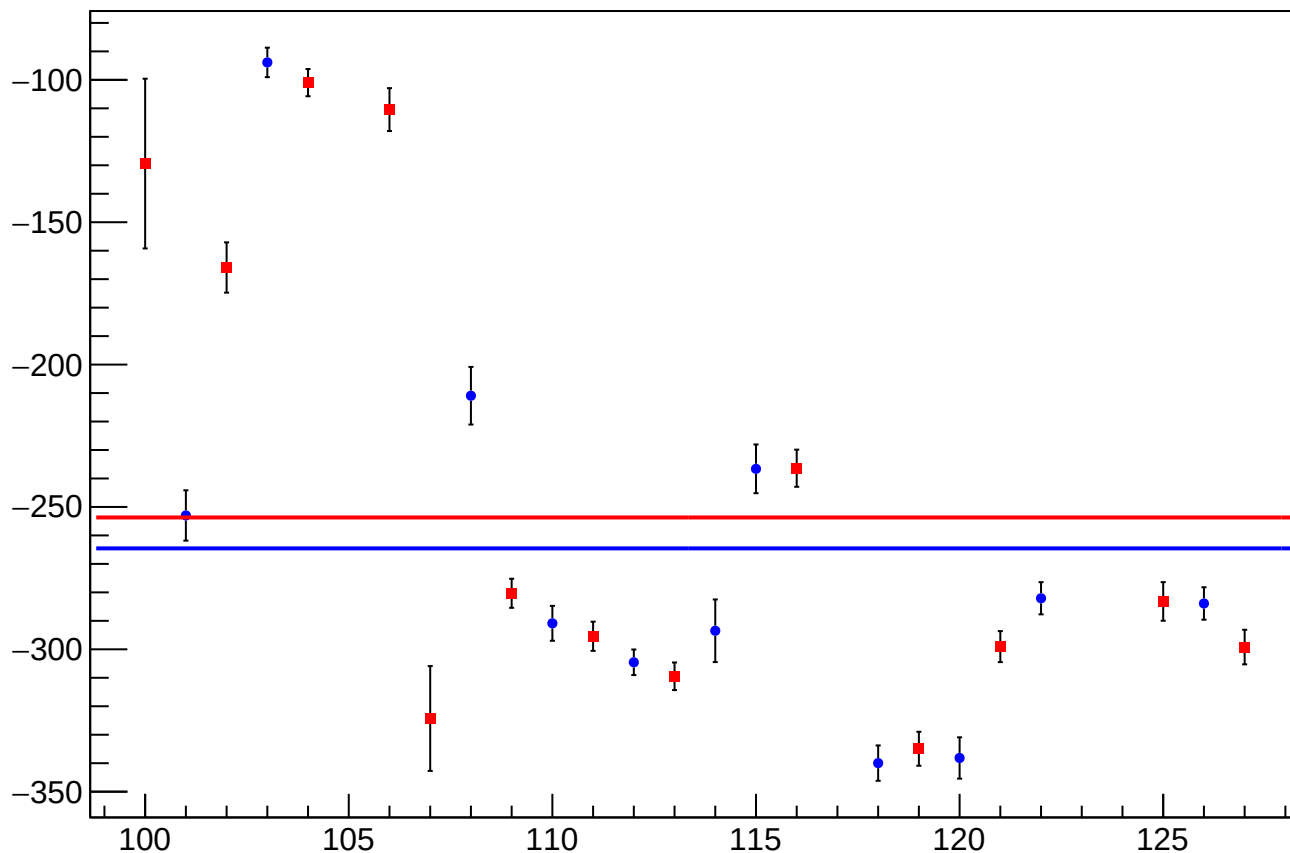
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.971+/-0.095 χ^2/NDF : 548722.5/23

- 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: -264.552+/-1.942 χ^2/NDF : 1504.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -253.691+/-1.737 χ^2/NDF : 2076.5/12

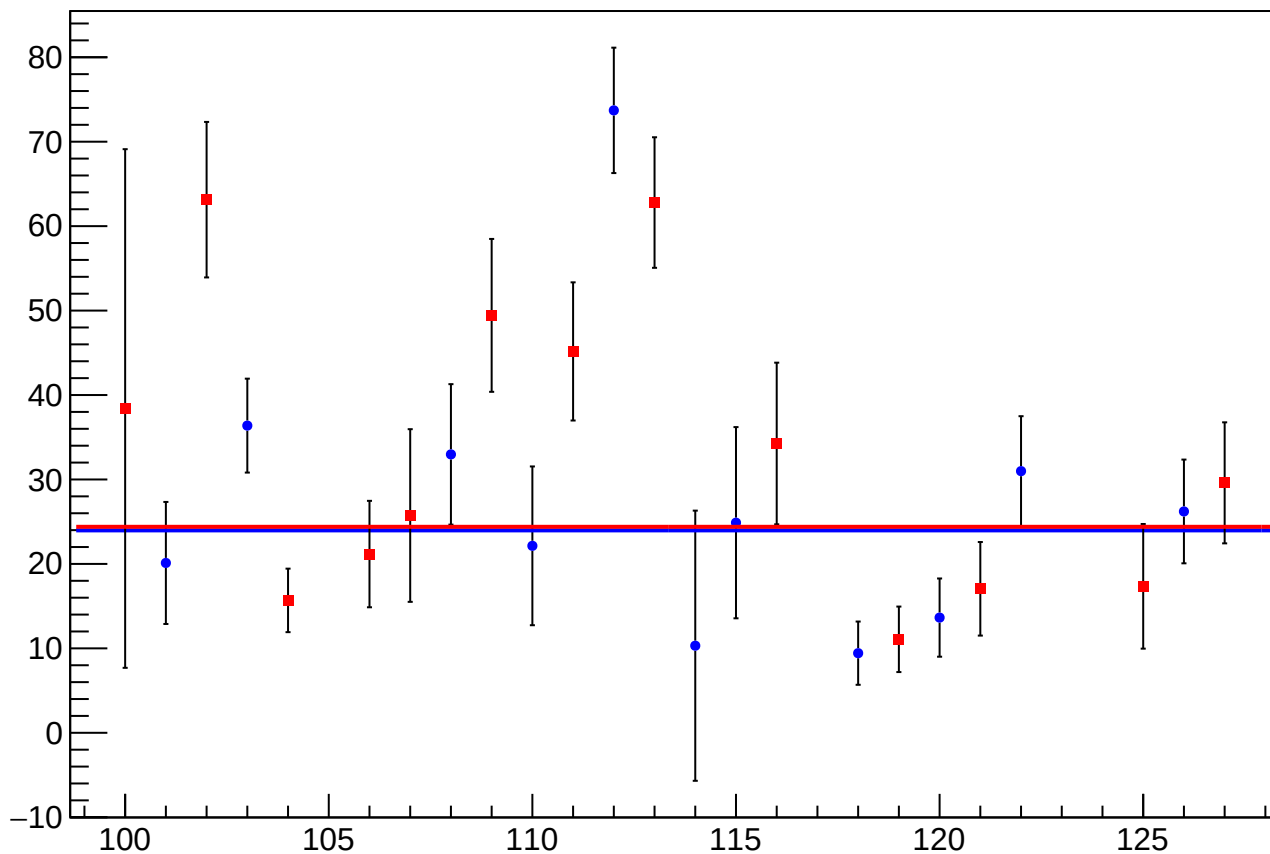
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -258.517+/-1.295 χ^2/NDF : 3598.1/23

- 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: 23.970 $\pm$ 1.906 χ^2 /NDF: 73.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 24.395 $\pm$ 1.796 χ^2 /NDF: 78.4/12

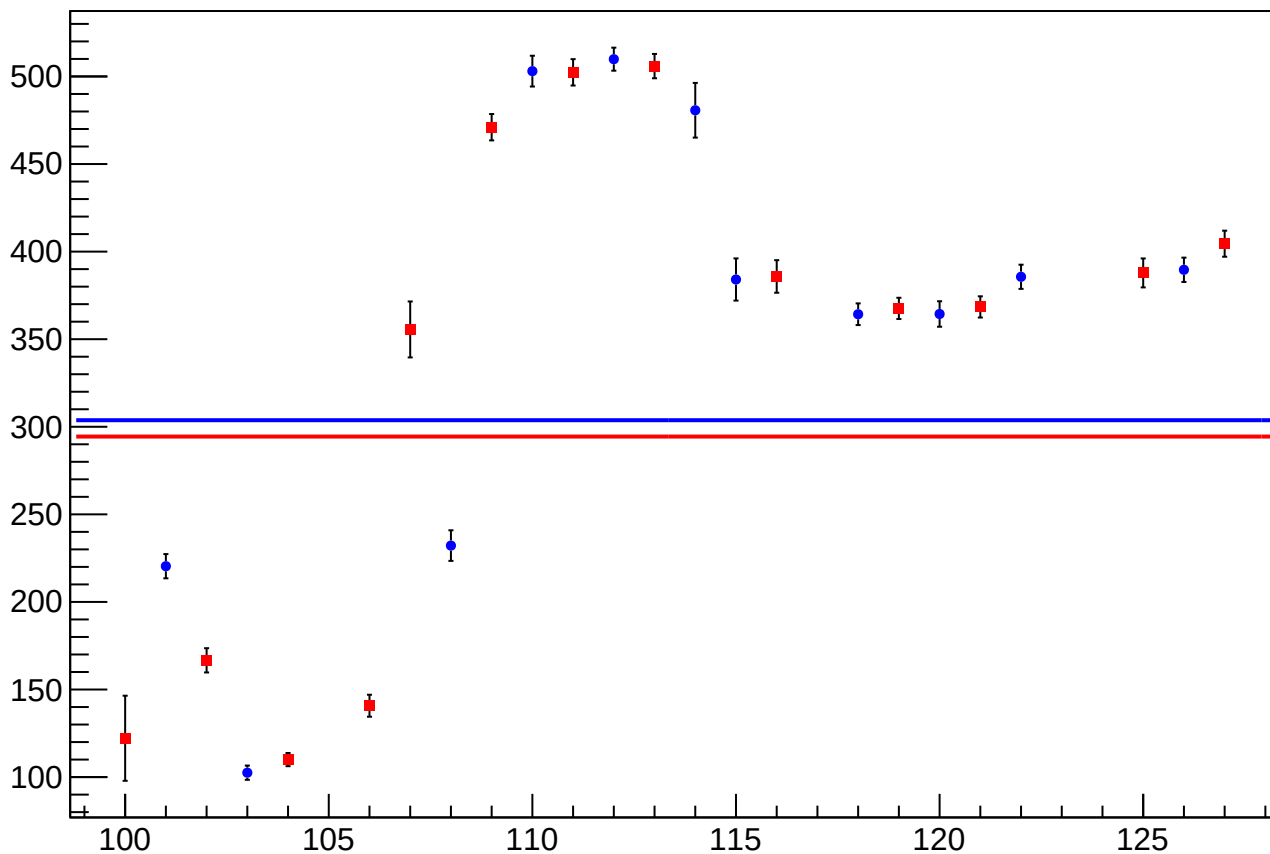
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.195 $\pm$ 1.307 χ^2 /NDF: 151.8/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_atlr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 303.747+/-2.093 χ^2/NDF : 4792.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 294.414+/-1.900 χ^2/NDF : 6379.0/12

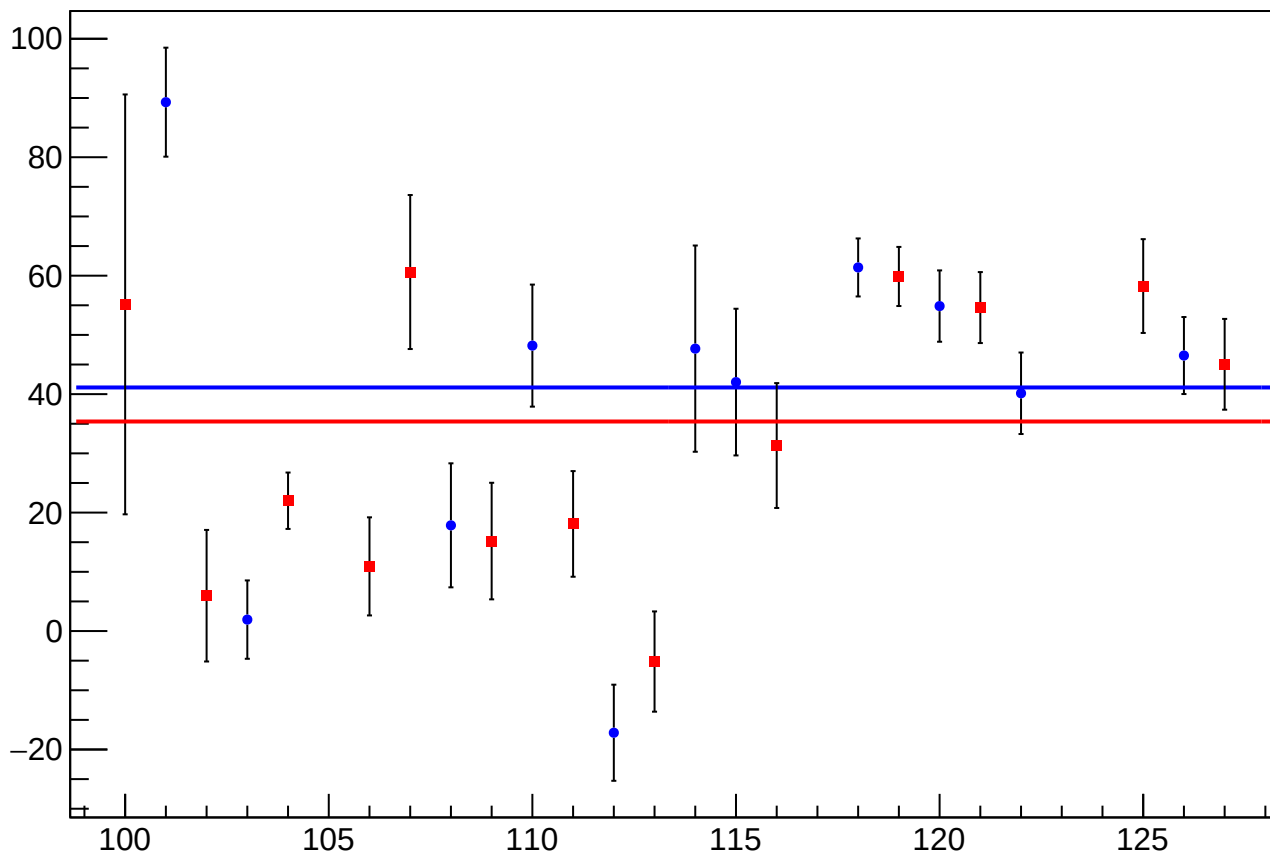
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 298.631+/-1.407 χ^2/NDF : 11181.9/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 41.126 $\pm$ 2.281 χ^2 /NDF: 142.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 35.379 $\pm$ 2.130 χ^2 /NDF: 103.1/12

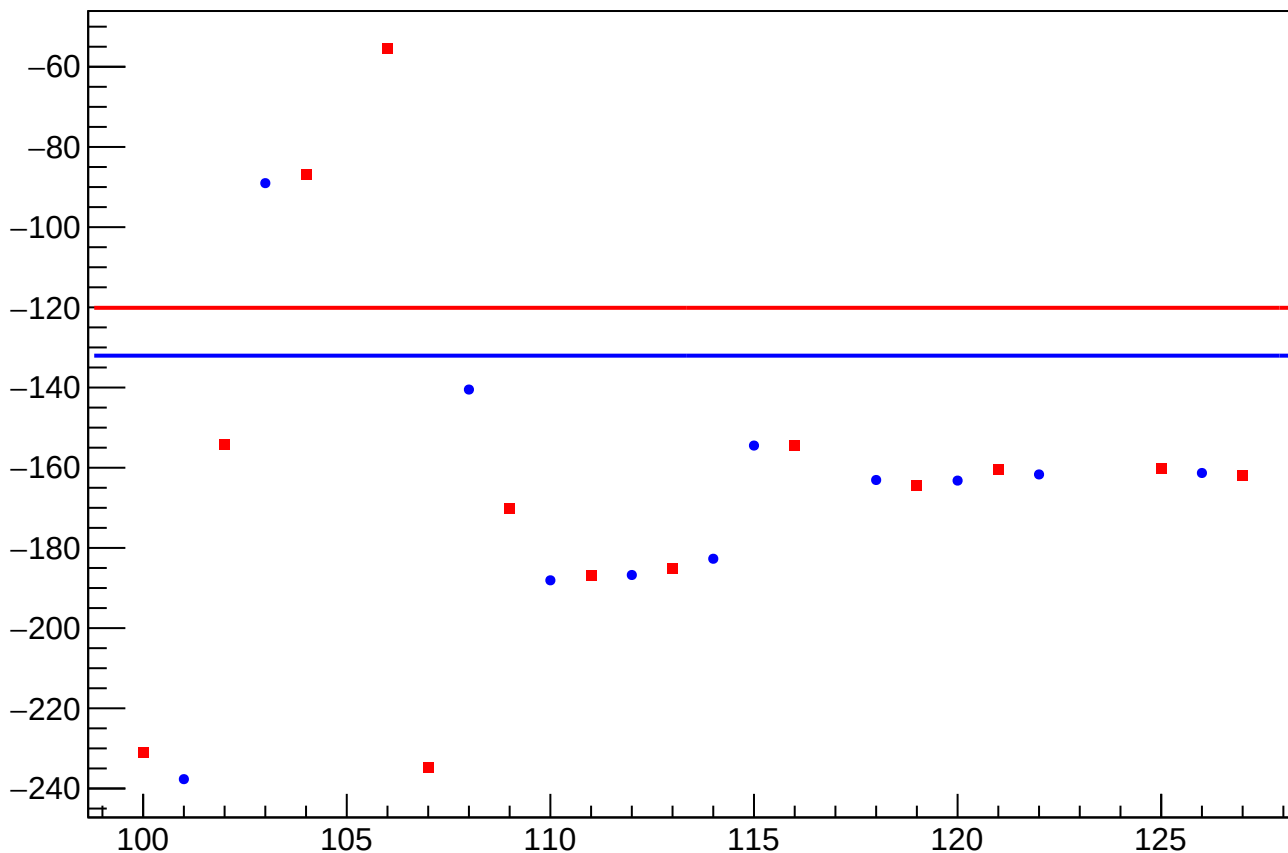
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 38.057 $\pm$ 1.557 χ^2 /NDF: 249.2/23

- 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: -132.048+/-0.119 χ^2/NDF : 163387.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -120.115+/-0.108 χ^2/NDF : 211187.5/12

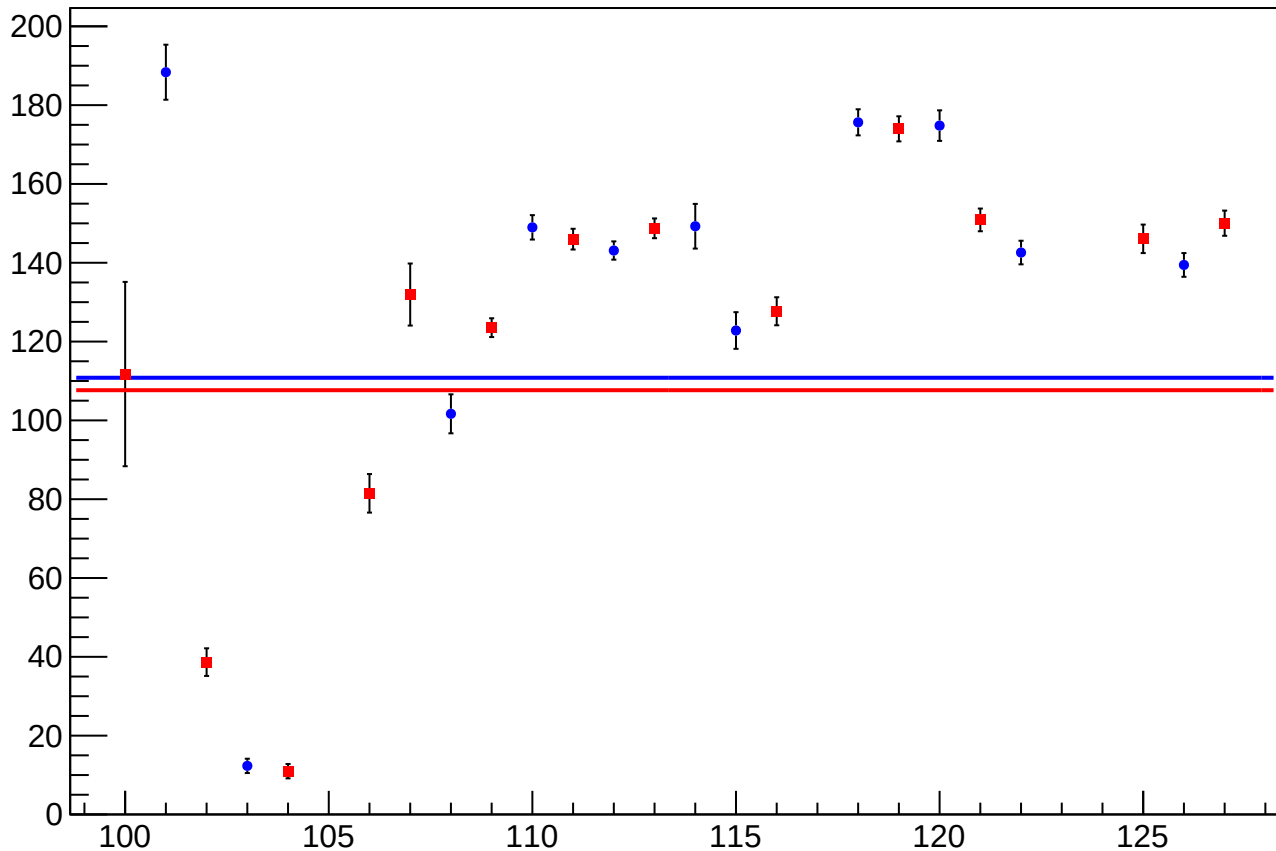
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -125.509+/-0.080 χ^2/NDF : 380062.8/23

- 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: 110.820 $\pm$ 0.949 χ^2 /NDF: 4320.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 107.659 $\pm$ 0.847 χ^2 /NDF: 4730.0/12

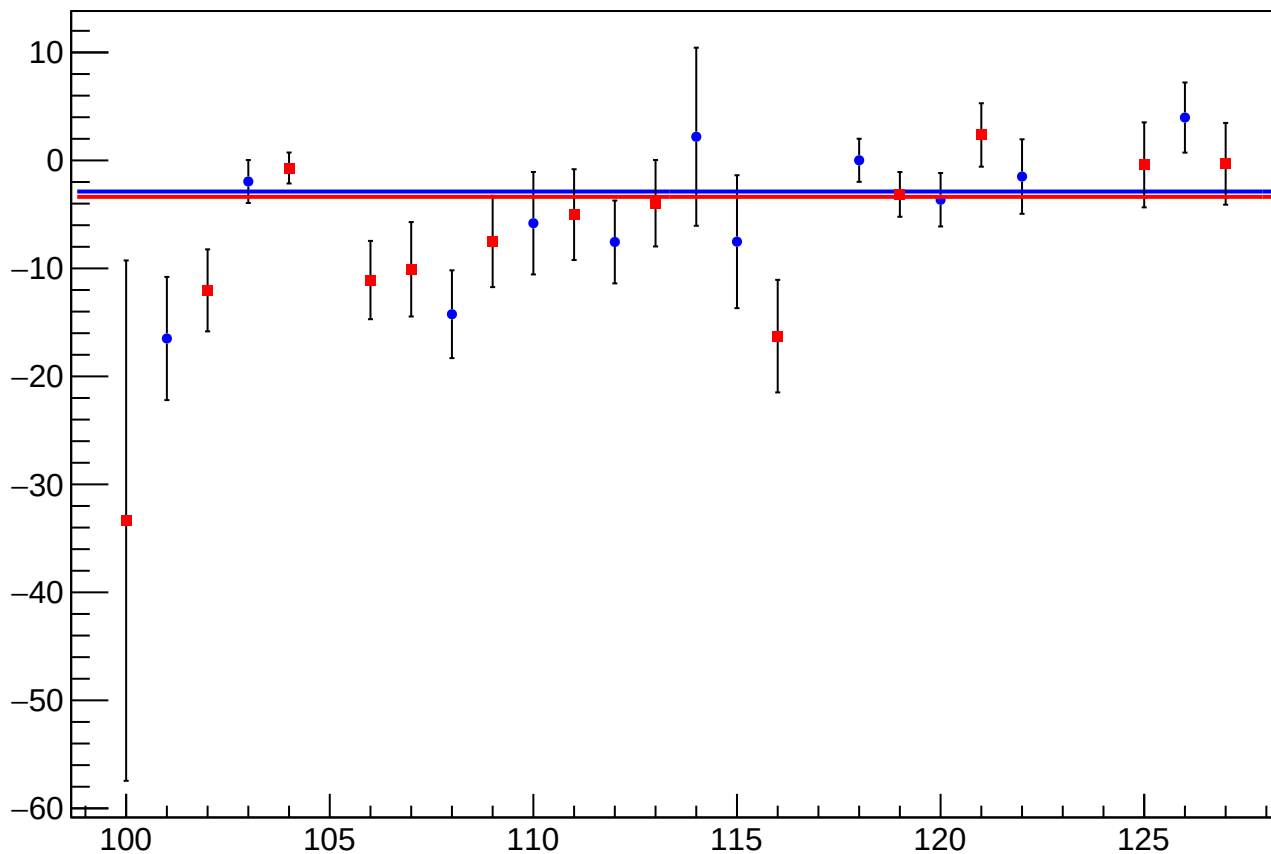
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 109.062 $\pm$ 0.632 χ^2 /NDF: 9057.0/23

- 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: -2.880+/-0.958 χ^2 /NDF: 23.3/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -3.374+/-0.851 χ^2 /NDF: 29.4/12

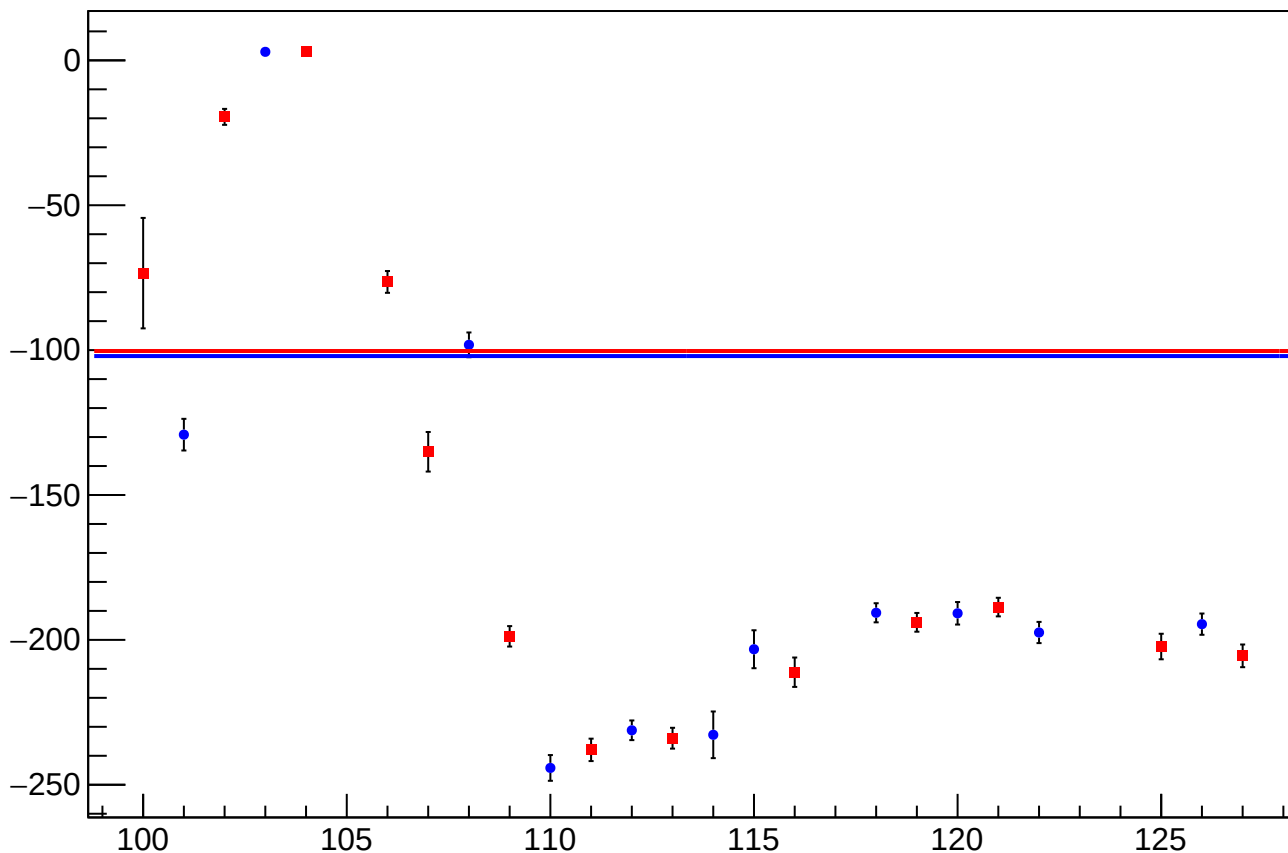
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -3.156+/-0.636 χ^2 /NDF: 52.9/23

- 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: -102.053 ± 0.970 $\chi^2/\text{NDF}: 10965.9/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -100.304 ± 0.884 $\chi^2/\text{NDF}: 12820.1/12$

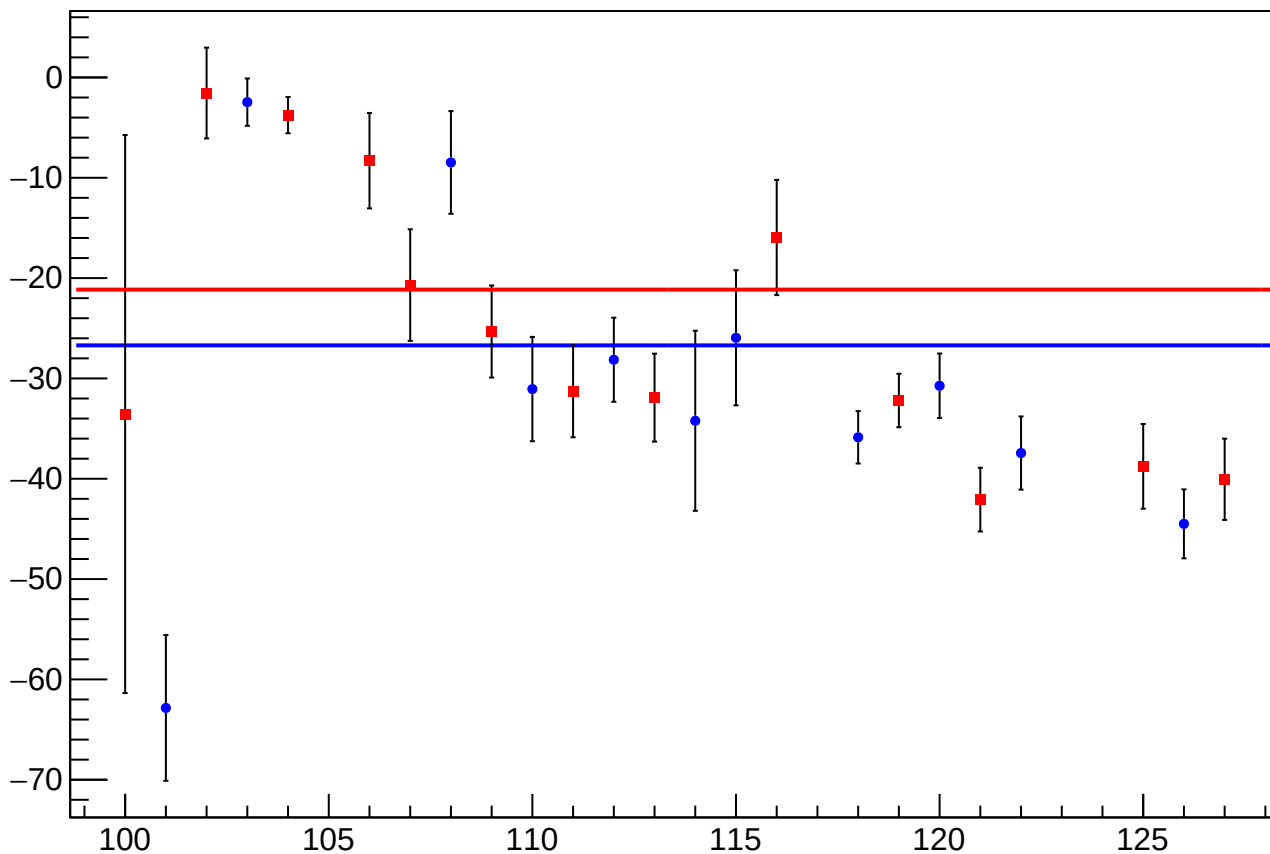
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -101.097 ± 0.653 $\chi^2/\text{NDF}: 23787.8/23$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -26.705 ± 1.141 χ^2/NDF : 193.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -21.148 ± 1.016 χ^2/NDF : 231.5/12

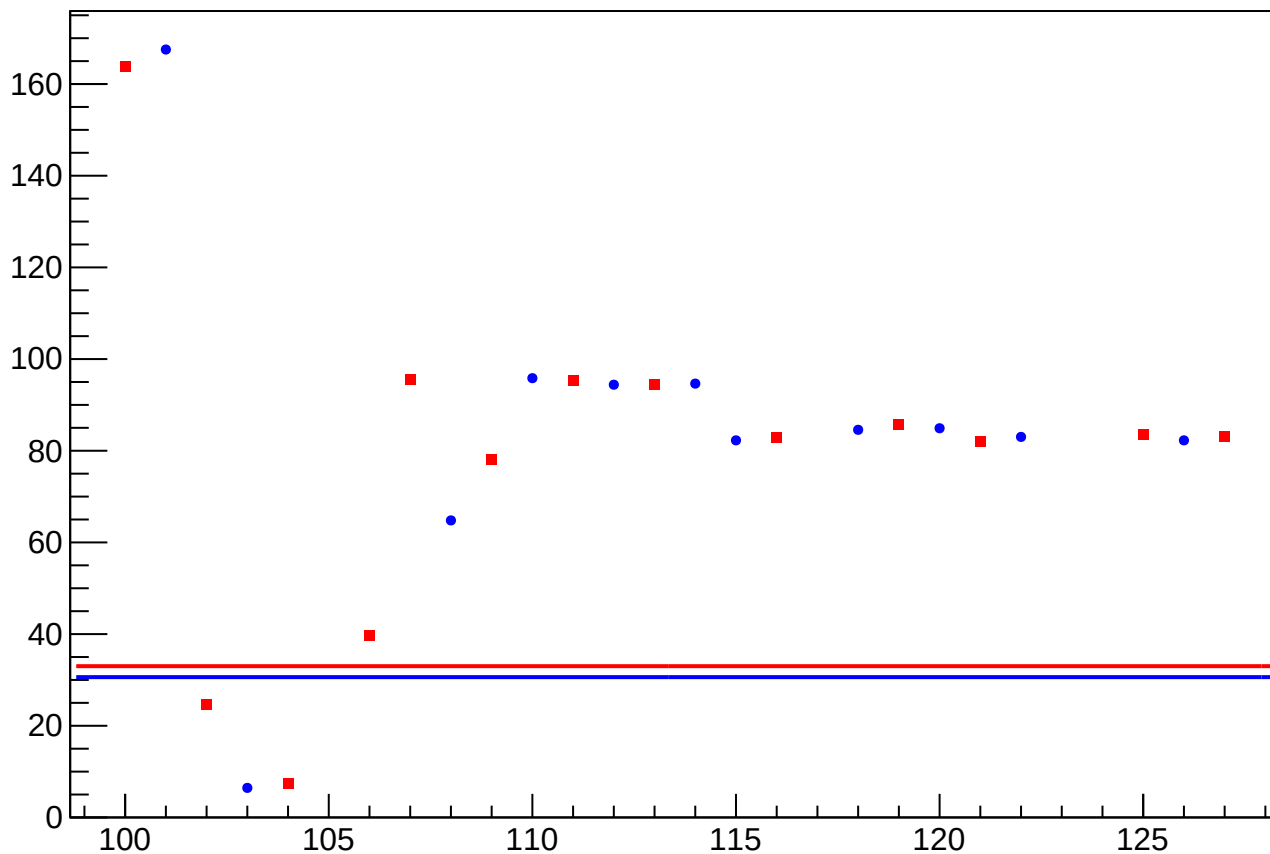
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -23.607 ± 0.759 χ^2/NDF : 438.5/23

- 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: 30.611+/-0.050 χ^2/NDF : 635072.3/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.002+/-0.049 χ^2/NDF : 481713.2/12

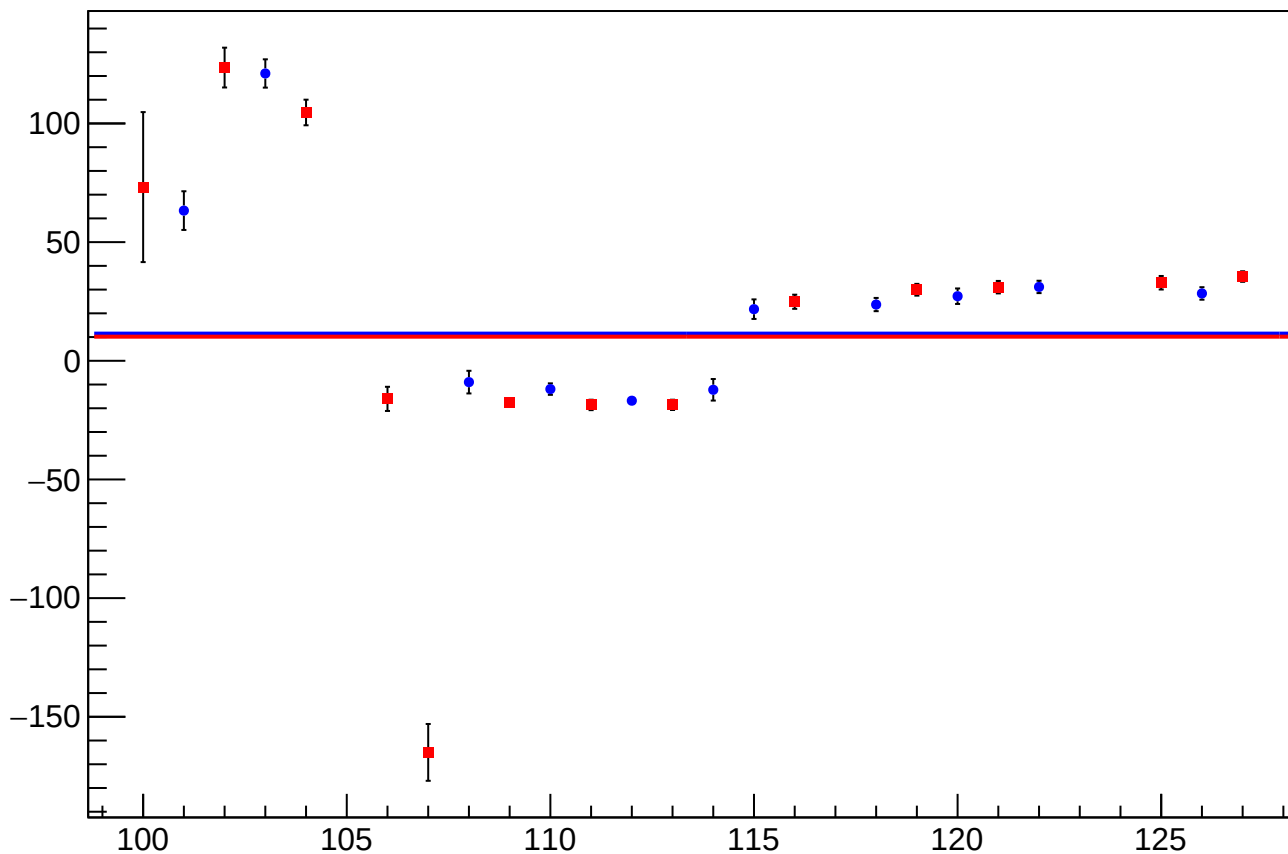
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.835+/-0.035 χ^2/NDF : 1117970.5/23

- 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: 11.449 $\pm$ 0.944 χ^2 /NDF: 857.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.164 $\pm$ 0.818 χ^2 /NDF: 1606.7/12

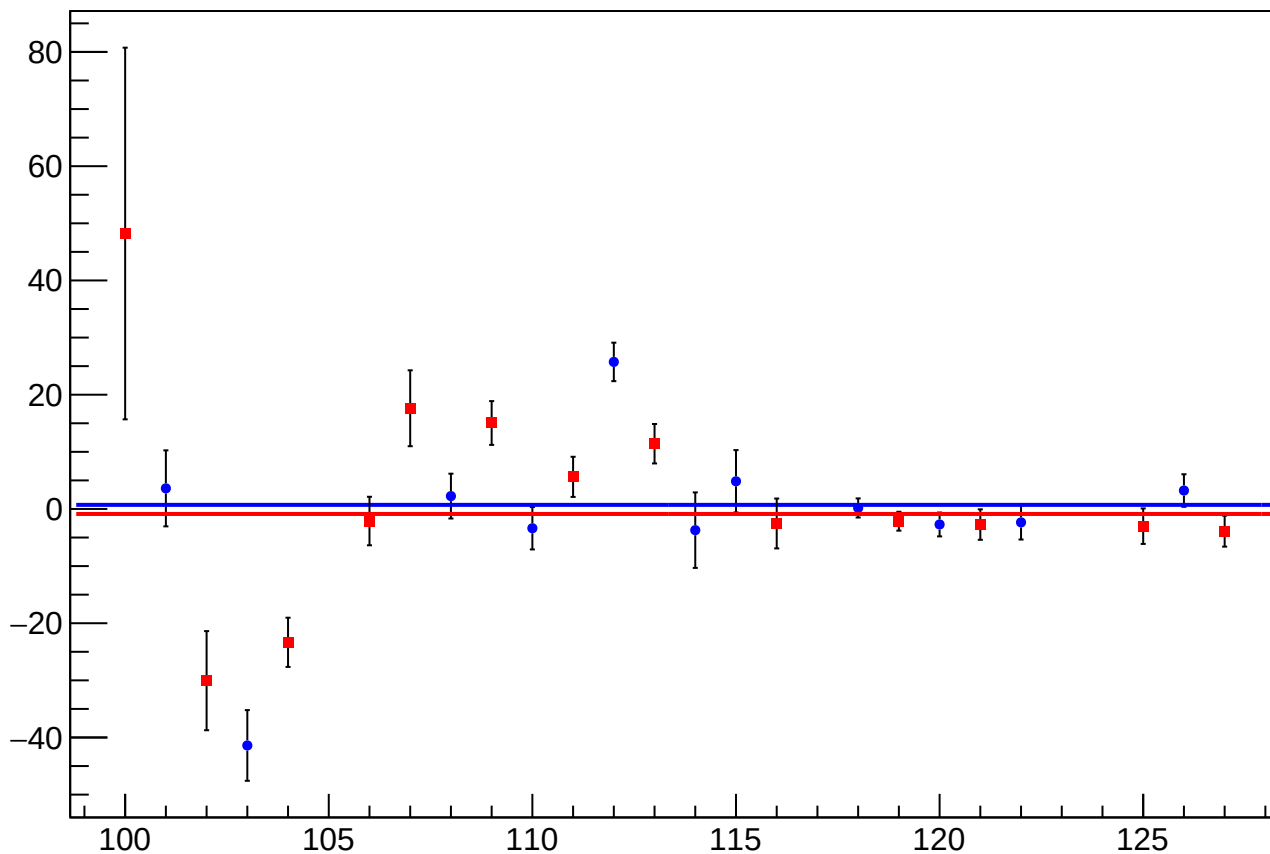
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.715 $\pm$ 0.618 χ^2 /NDF: 2465.2/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 0.718 $\pm$ 0.931 χ^2 /NDF: 108.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.875 $\pm$ 0.921 χ^2 /NDF: 84.9/12

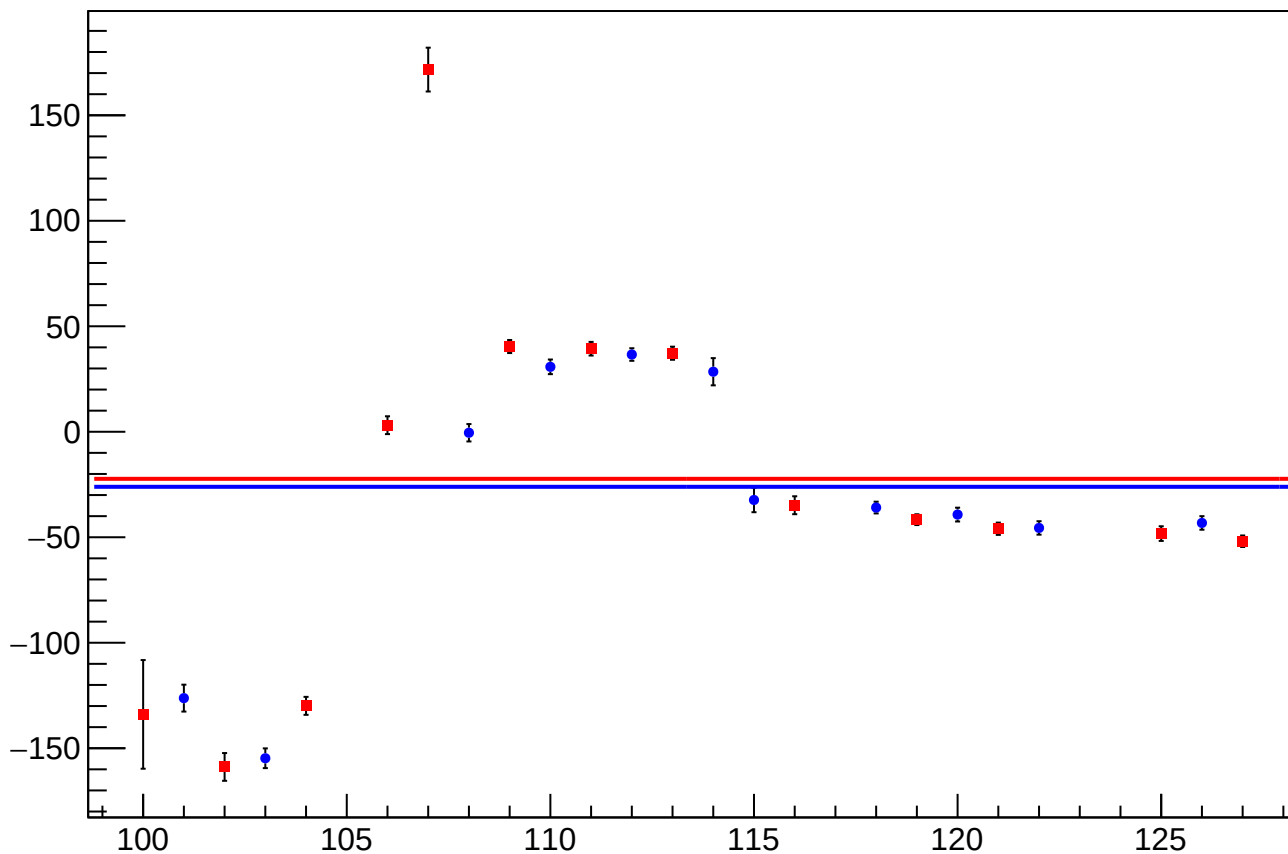
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.087 $\pm$ 0.655 χ^2 /NDF: 195.1/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -26.087 ± 1.120 χ^2/NDF : 1921.3/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -22.305 ± 1.003 χ^2/NDF : 2924.2/12

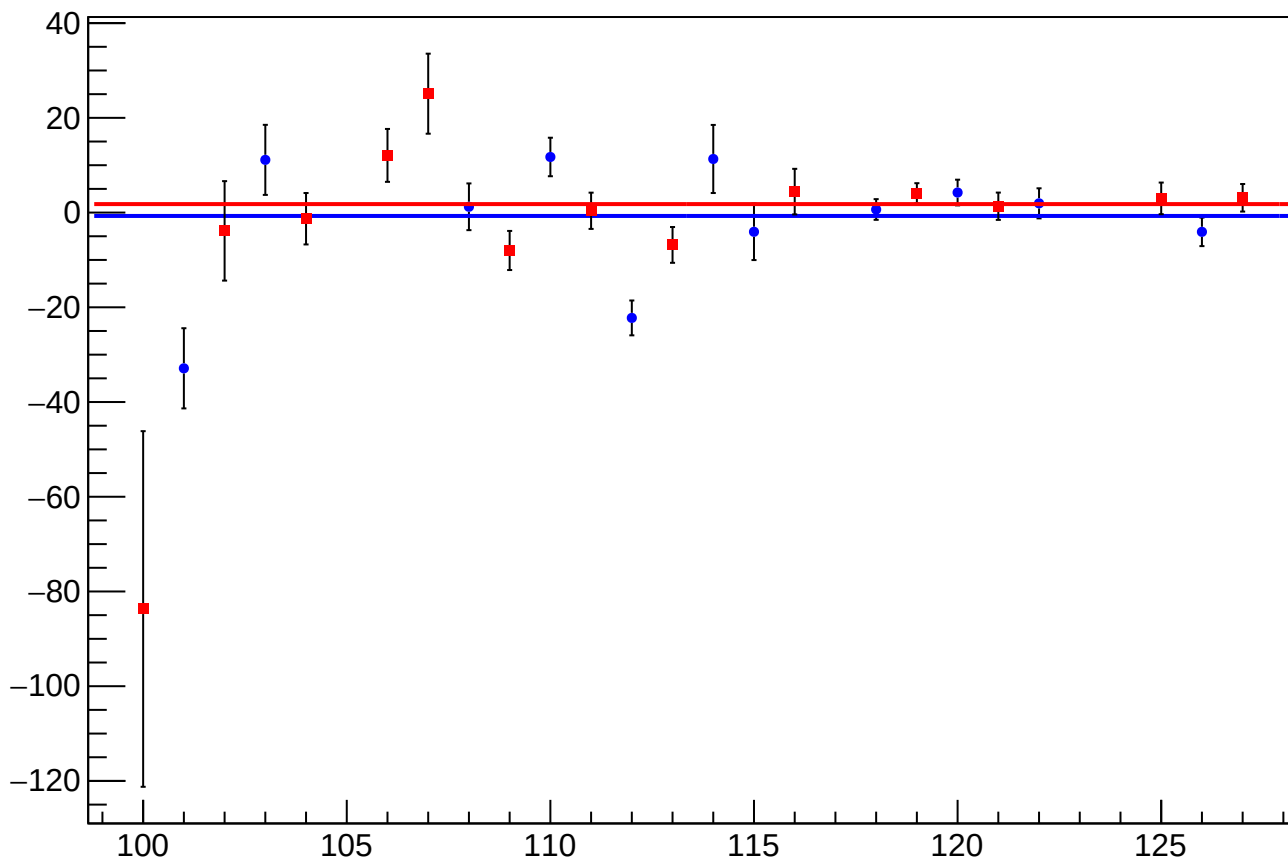
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -23.988 ± 0.747 χ^2/NDF : 4851.8/23

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -0.713+/-1.111 χ^2/NDF : 69.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.791+/-1.065 χ^2/NDF : 29.6/12

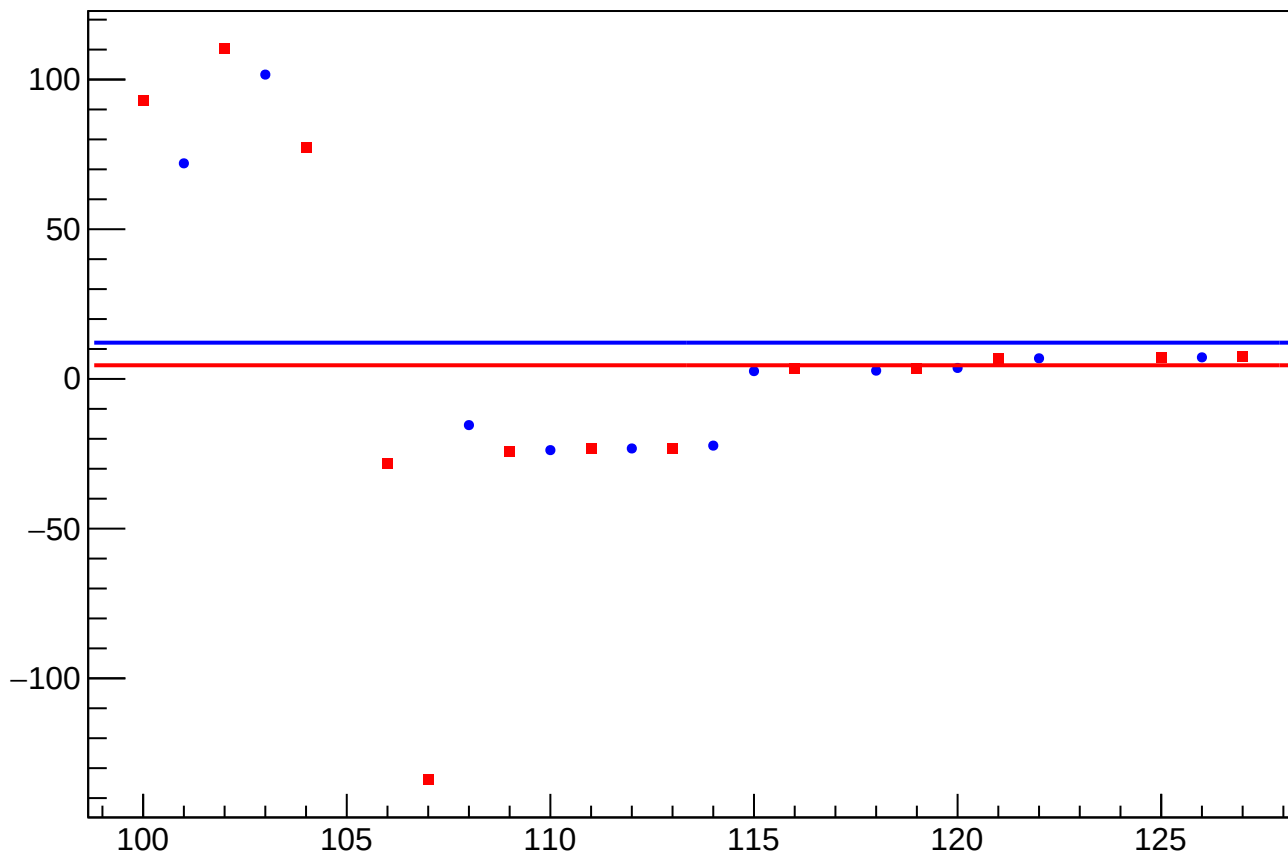
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.591+/-0.769 χ^2/NDF : 101.8/23

- 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: 12.111+/-0.075 χ^2/NDF : 307844.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.560+/-0.070 χ^2/NDF : 446533.6/12

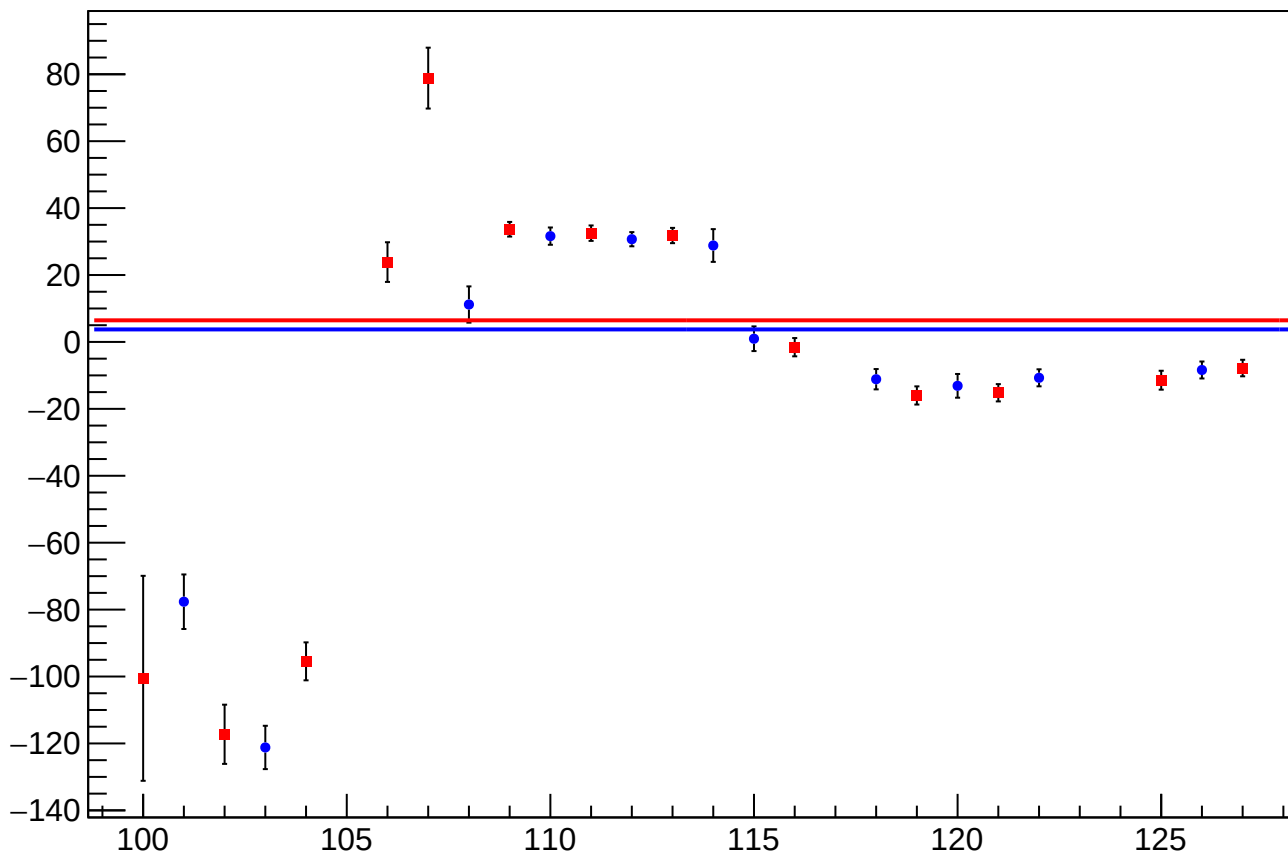
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.047+/-0.051 χ^2/NDF : 759824.0/23

- 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: 3.740+/-0.972 χ^2/NDF : 881.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.458+/-0.851 χ^2/NDF : 1228.5/12

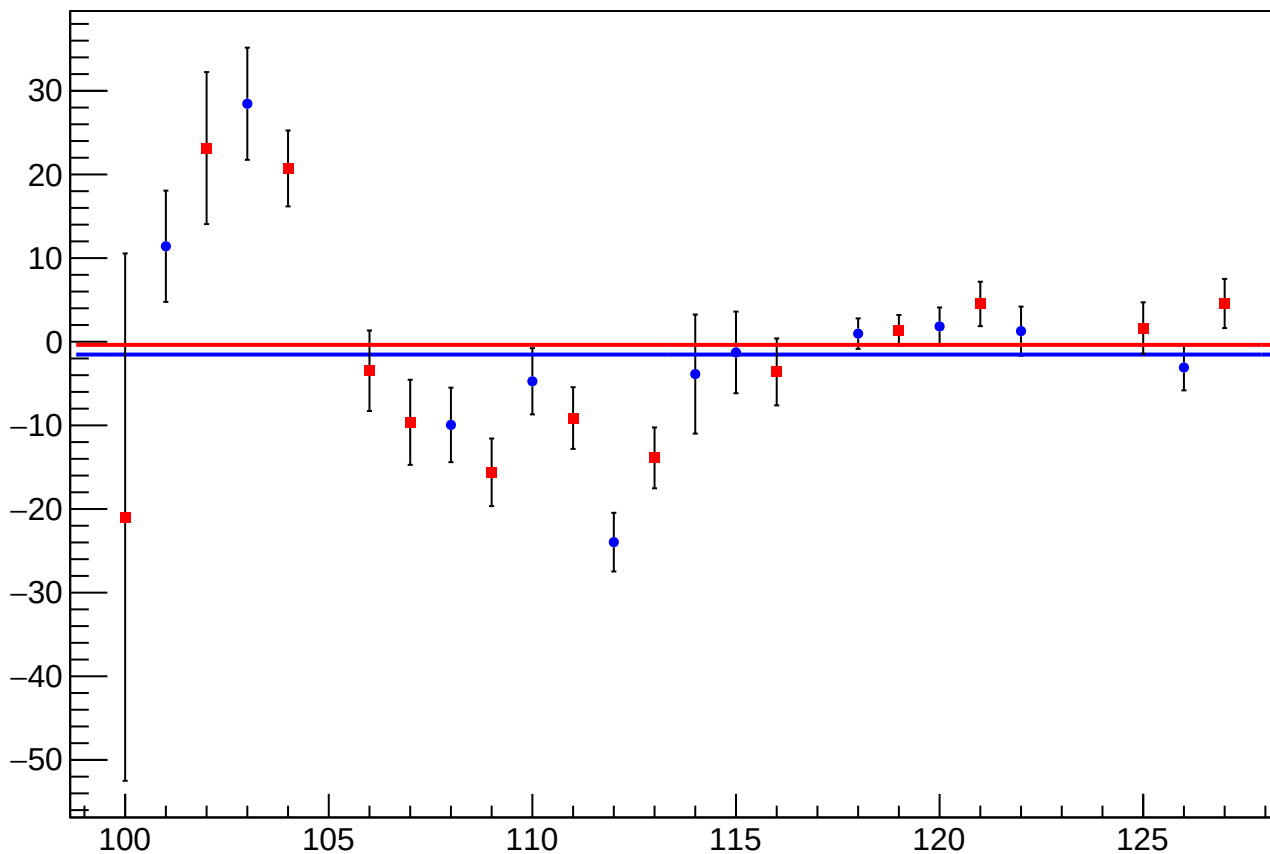
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.279+/-0.640 χ^2/NDF : 2113.9/23

- 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: -1.532+/-0.977 χ^2/NDF : 74.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.374+/-0.963 χ^2/NDF : 74.3/12

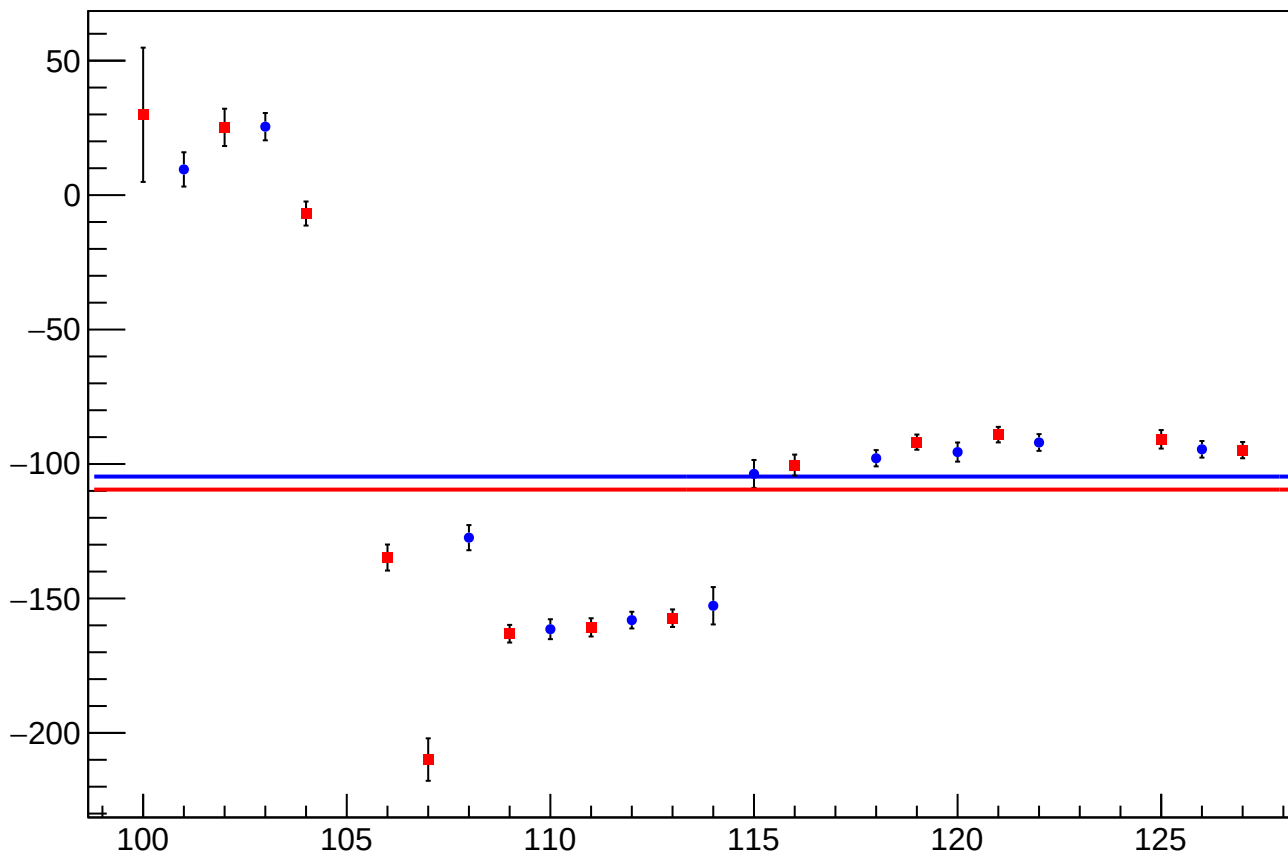
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.945+/-0.686 χ^2/NDF : 149.4/23

- 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: -104.668+/-1.162 χ^2/NDF : 1619.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -109.513+/-1.049 χ^2/NDF : 1980.6/12

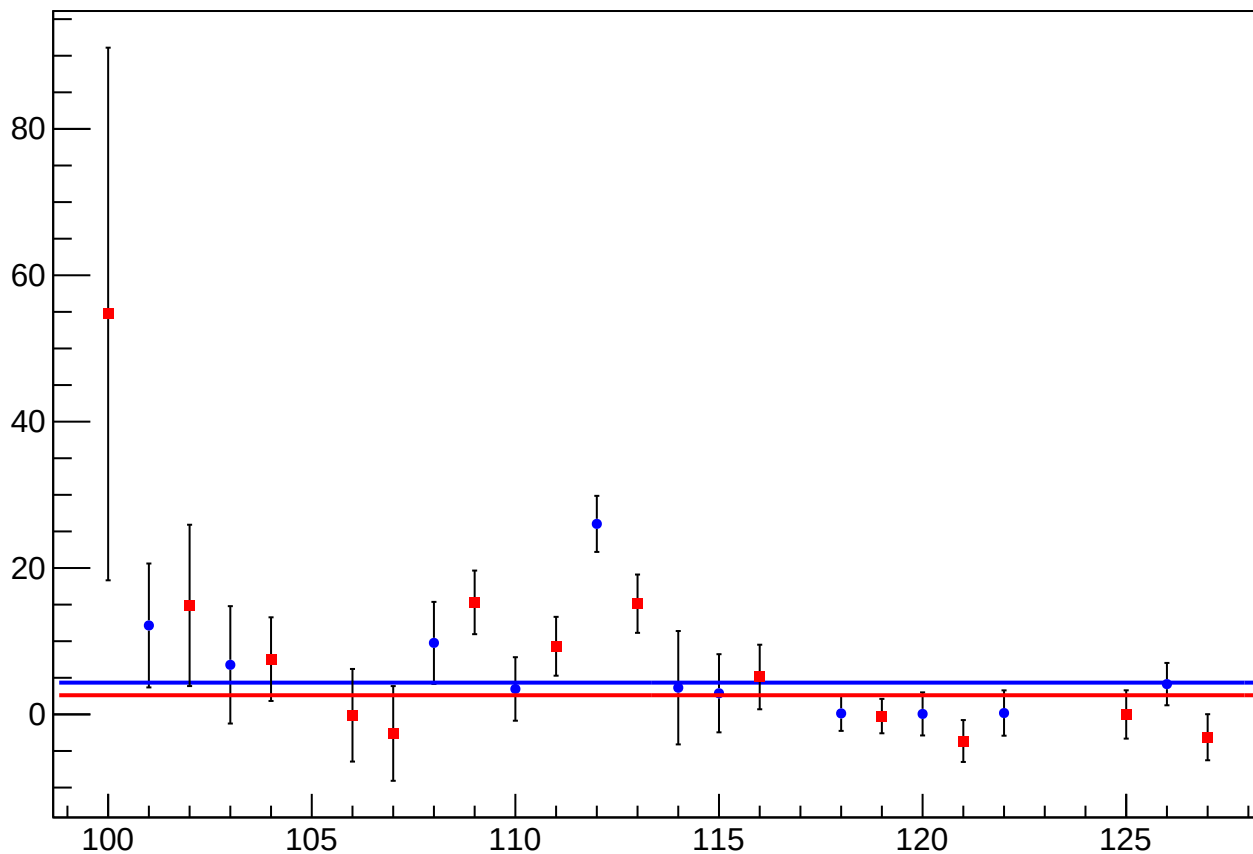
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -107.338+/-0.779 χ^2/NDF : 3609.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 4.339+/-1.155 χ^2/NDF : 41.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.616+/-1.109 χ^2/NDF : 36.6/12

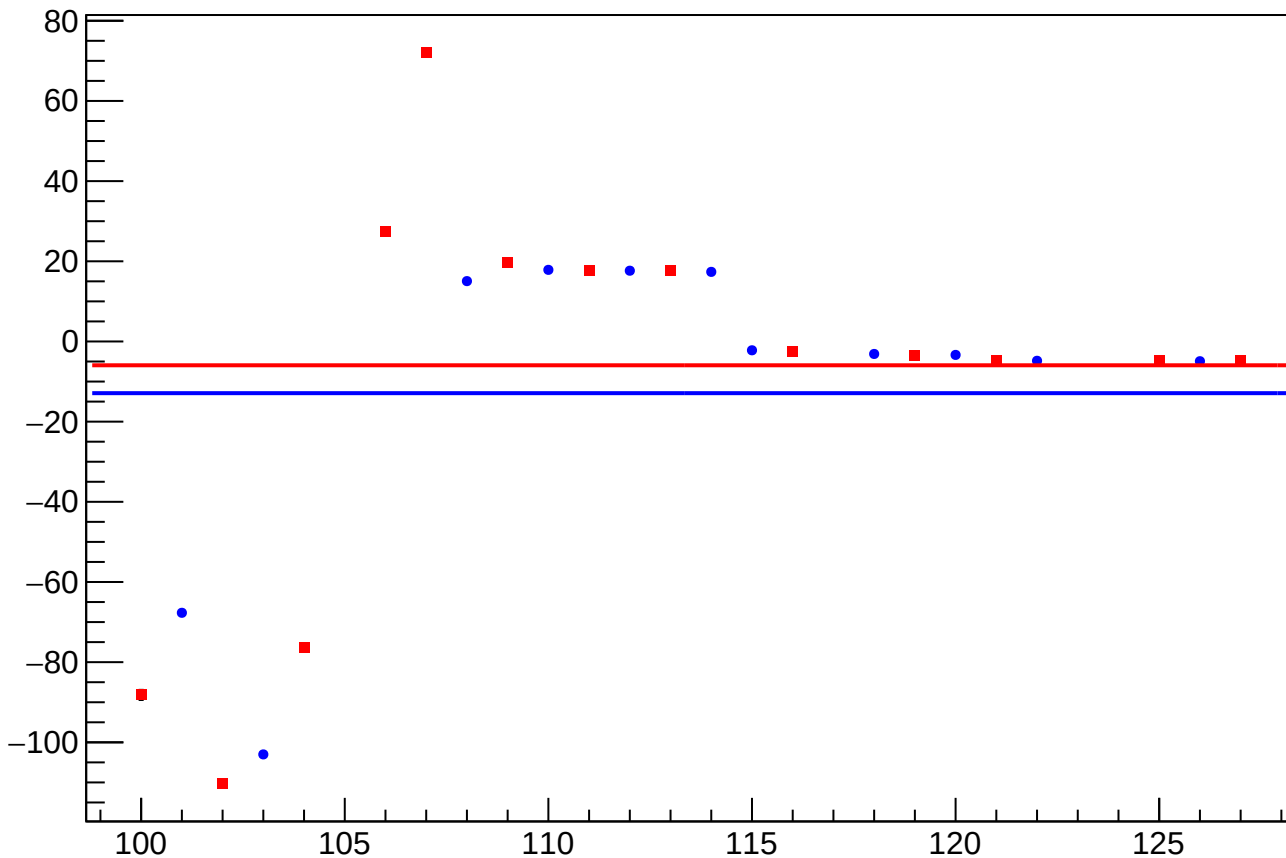
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.442+/-0.800 χ^2/NDF : 78.8/23

- 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: -12.896 $\pm$ 0.079 χ^2 /NDF: 255958.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -5.941 $\pm$ 0.073 χ^2 /NDF: 338833.5/12

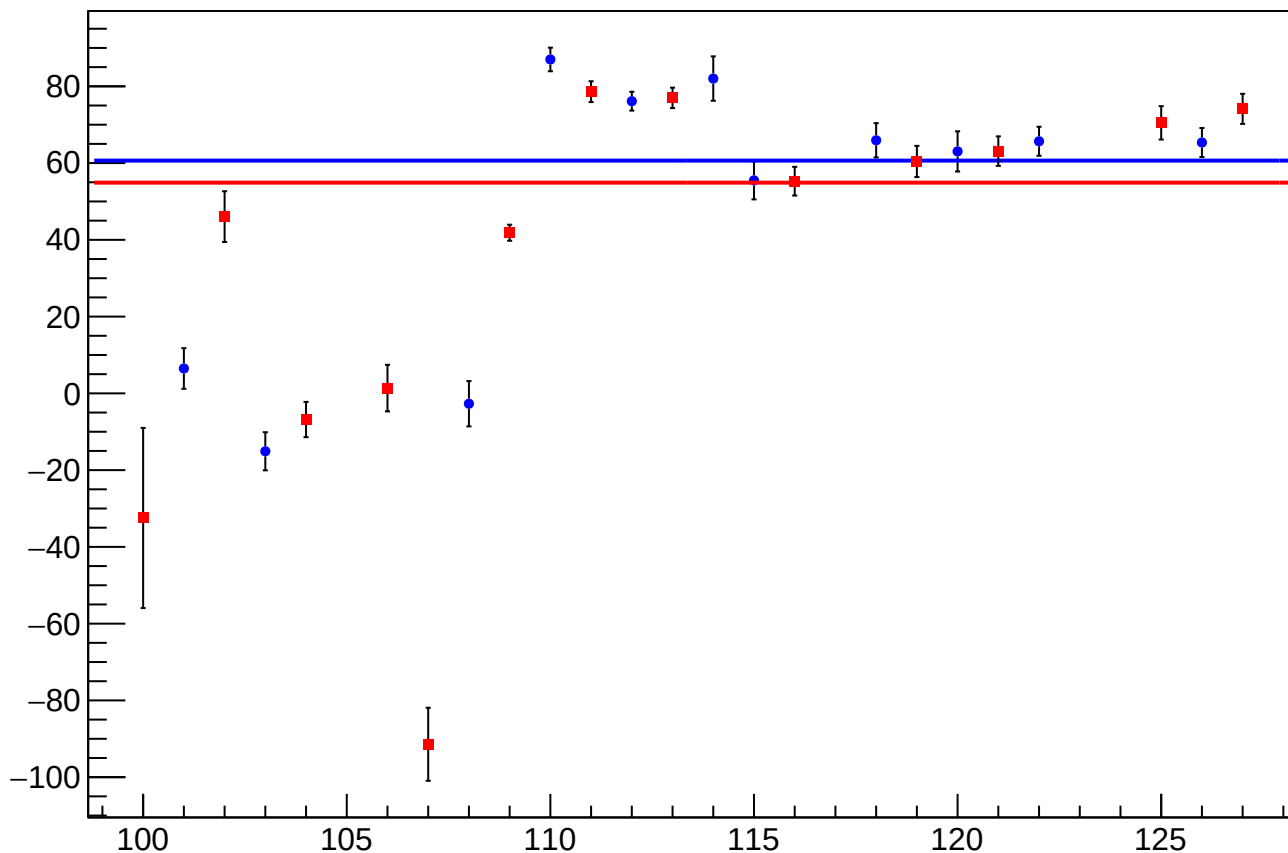
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -9.130 $\pm$ 0.054 χ^2 /NDF: 598973.6/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at2lr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 60.643+/-1.219 χ^2/NDF : 585.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.901+/-1.035 χ^2/NDF : 737.9/12

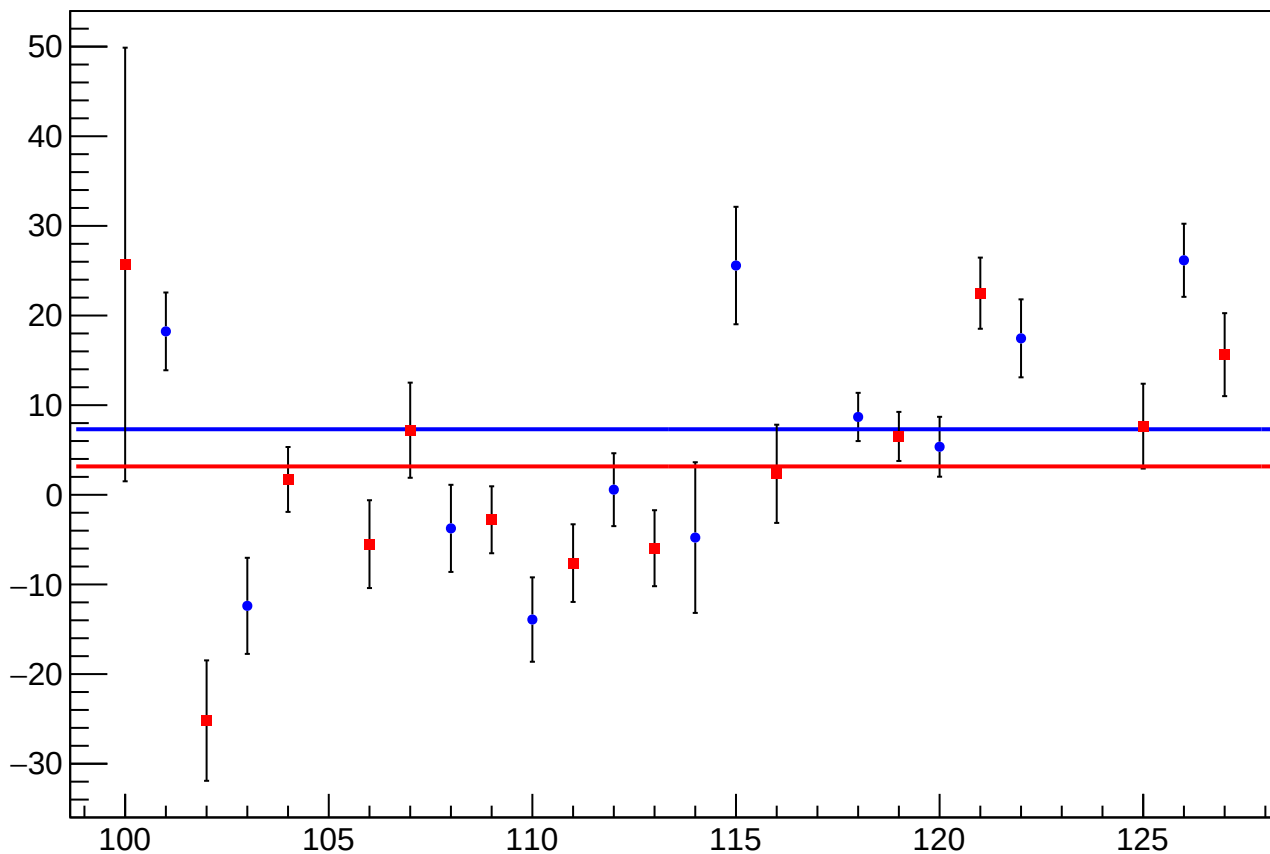
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.307+/-0.789 χ^2/NDF : 1336.2/23

- 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: 7.313 $\pm$ 1.276 χ^2 /NDF: 85.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.167 $\pm$ 1.213 χ^2 /NDF: 69.3/12

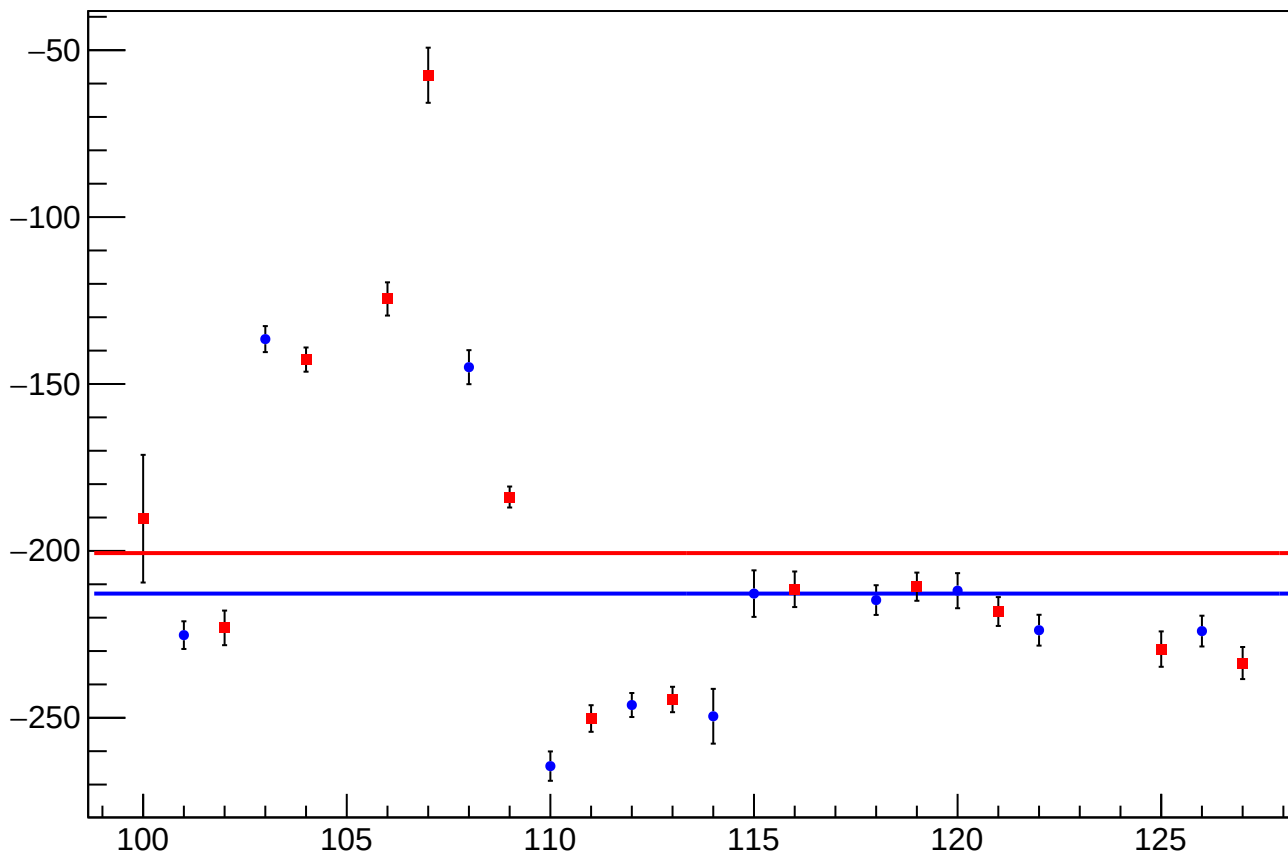
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5.135 $\pm$ 0.879 χ^2 /NDF: 160.2/23

- 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: -212.788+/-1.404 χ^2/NDF : 824.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -200.656+/-1.262 χ^2/NDF : 1227.6/12

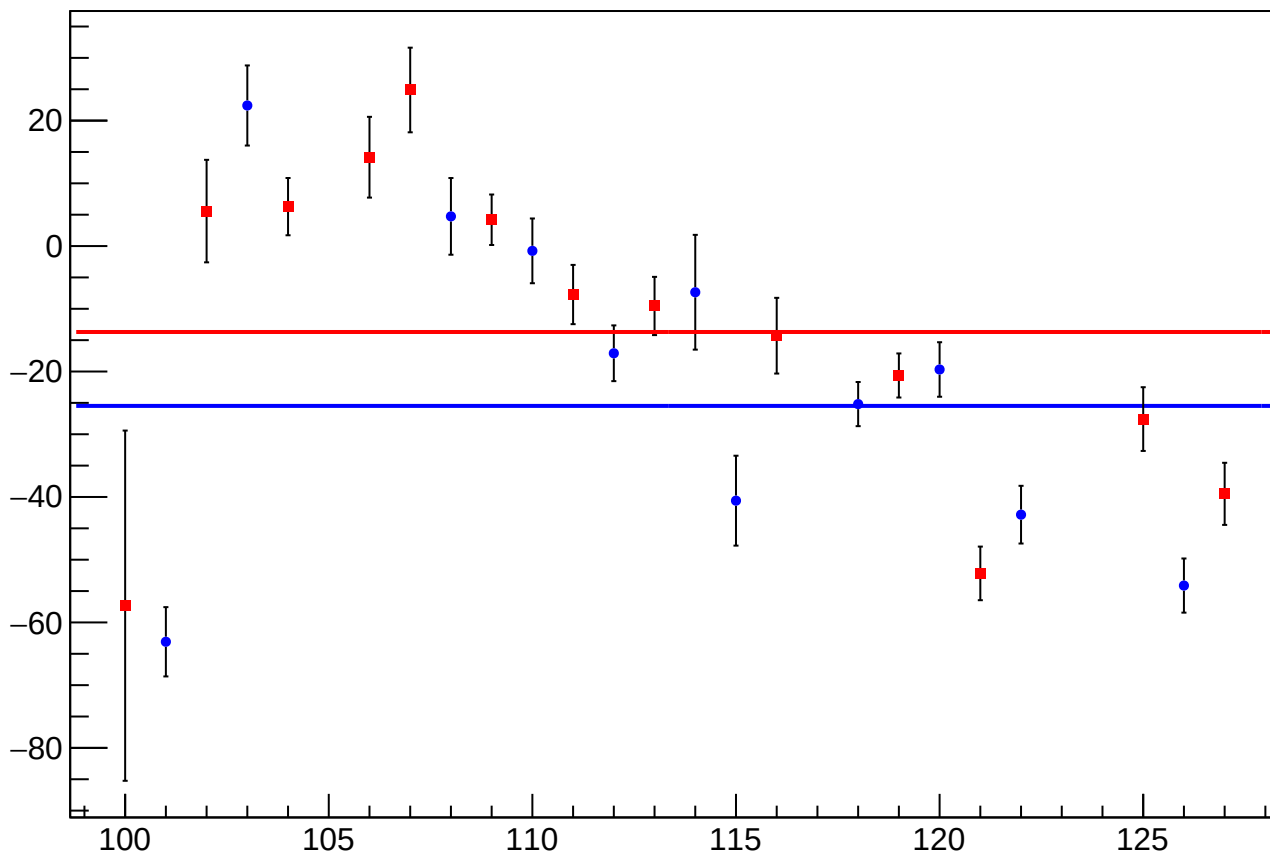
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -206.079+/-0.938 χ^2/NDF : 2093.5/23

- 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: -25.481 ± 1.511 χ^2/NDF : 221.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -13.698 ± 1.406 χ^2/NDF : 220.4/12

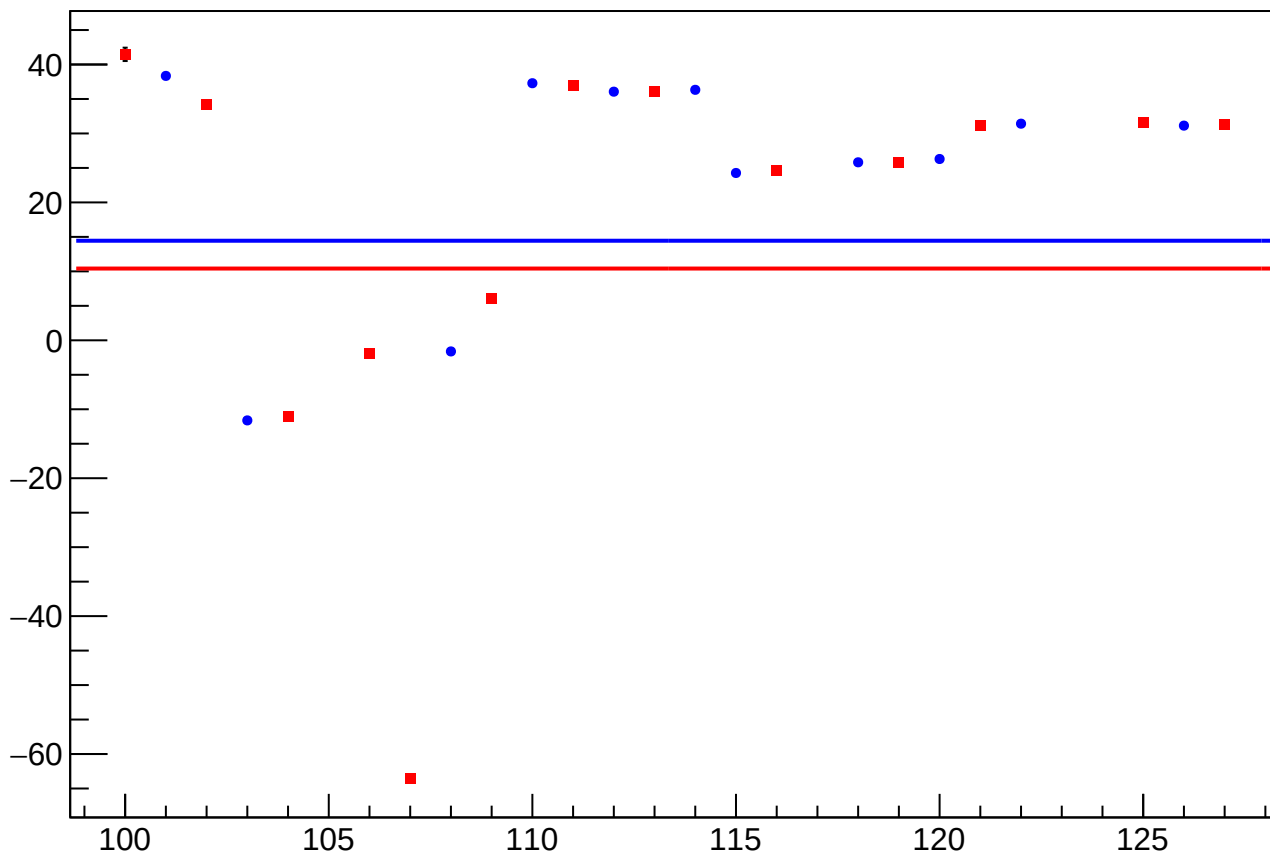
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -19.167 ± 1.029 χ^2/NDF : 474.9/23

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 14.441+/-0.087 χ^2/NDF : 58640.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.409+/-0.079 χ^2/NDF : 106656.8/12

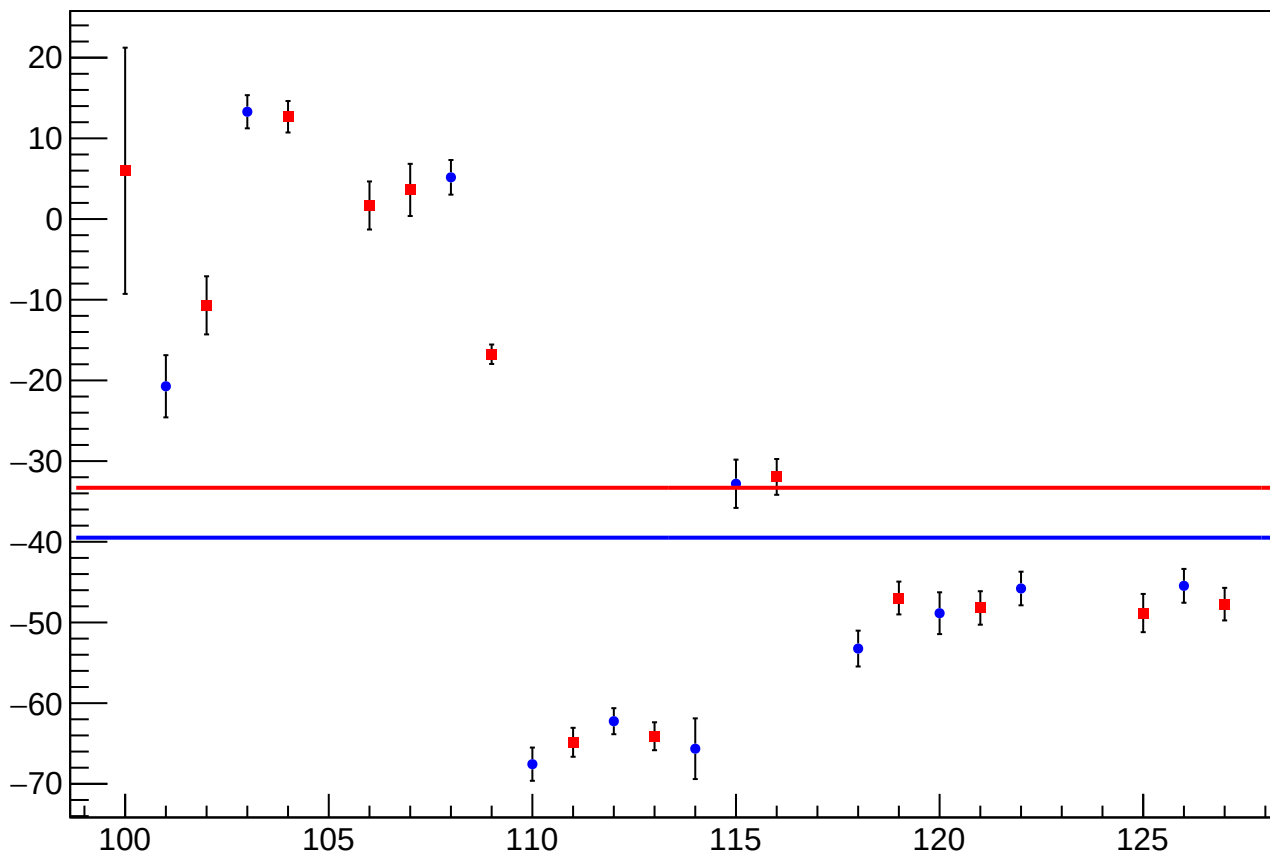
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.239+/-0.058 χ^2/NDF : 166480.2/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_dd_diff_bpm1X_slope vs Slug



Right In: -39.490 ± 0.685 χ^2/NDF : 1622.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -33.306 ± 0.579 χ^2/NDF : 1876.1/12

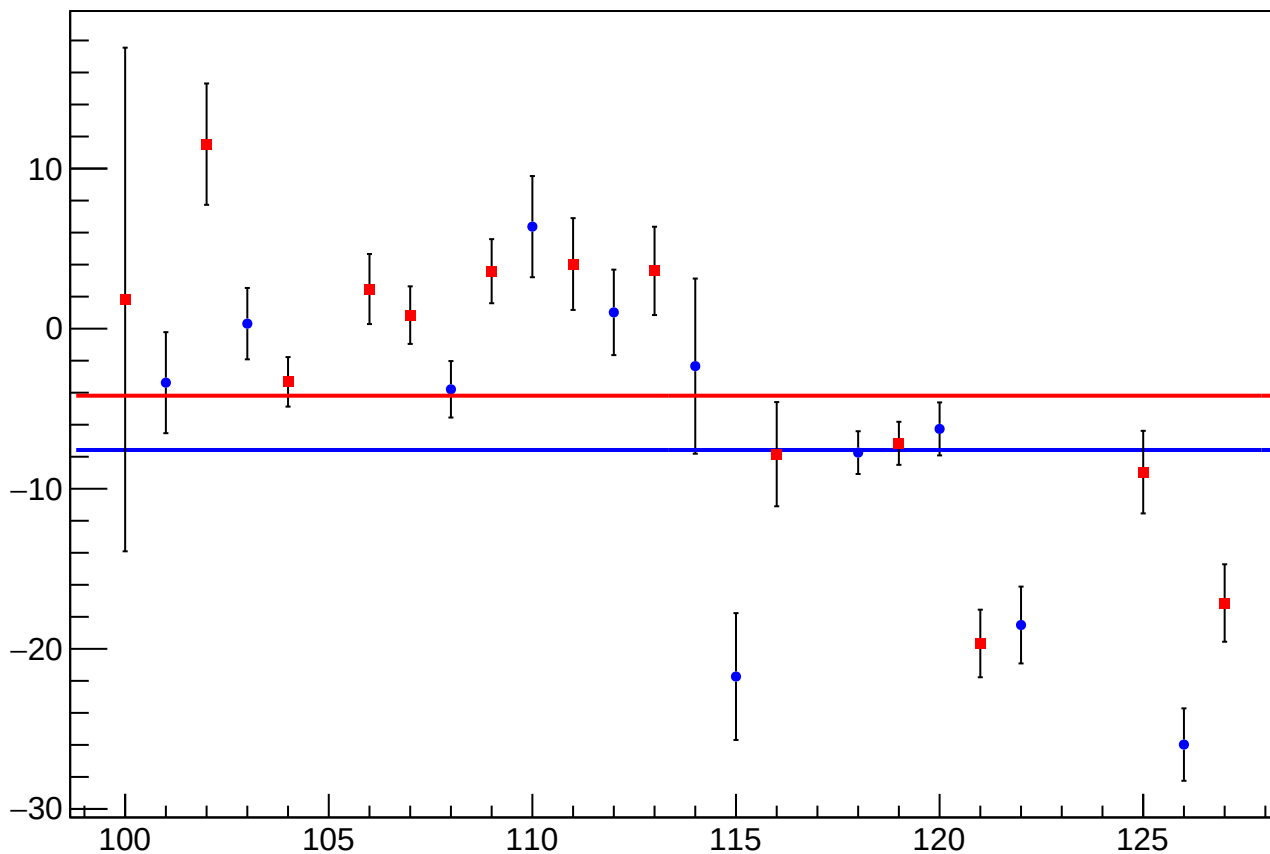
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.882 ± 0.442 χ^2/NDF : 3546.4/23

- 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: -7.579+/-0.666 χ^2/NDF : 150.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.187+/-0.608 χ^2/NDF : 158.1/12

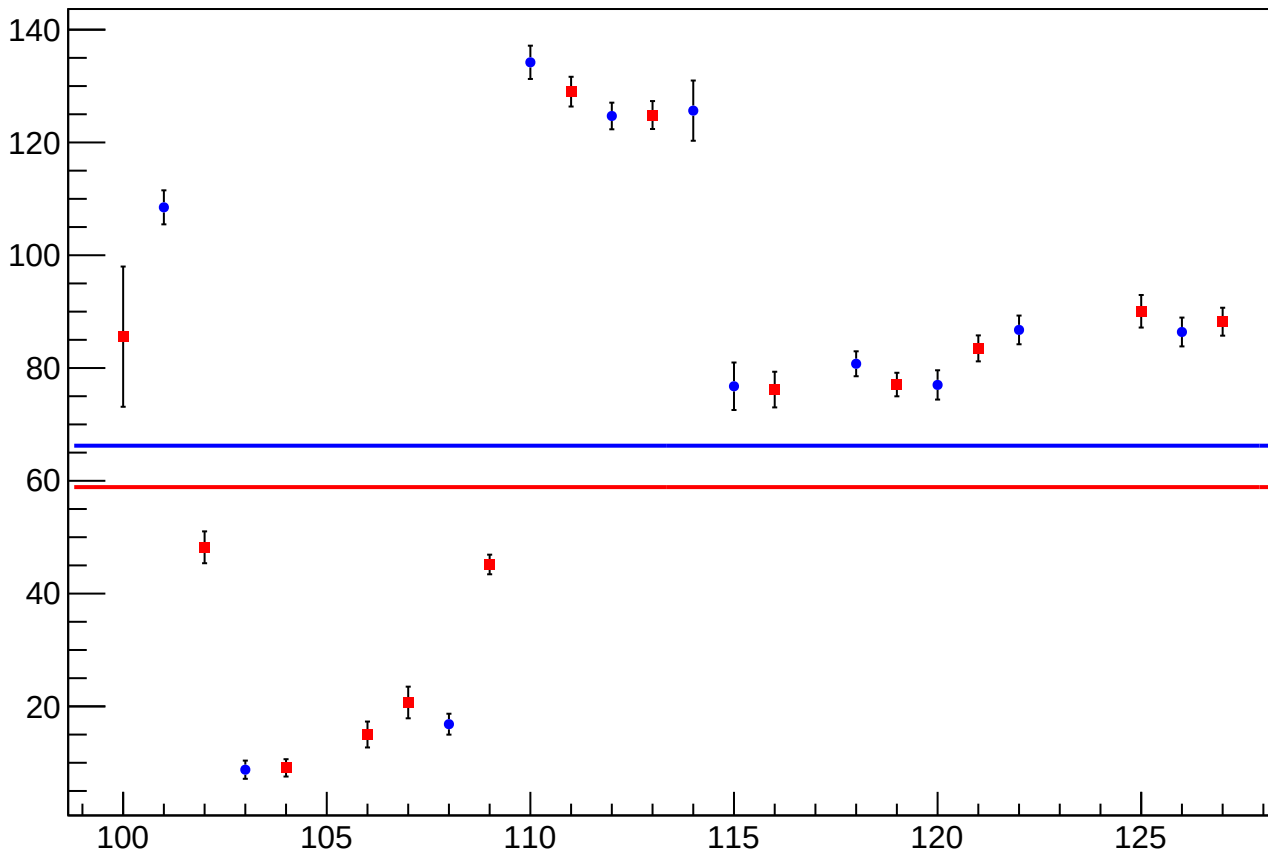
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.729+/-0.449 χ^2/NDF : 322.2/23

- 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: 66.228+/-0.739 χ^2/NDF : 3634.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.884+/-0.658 χ^2/NDF : 3571.5/12

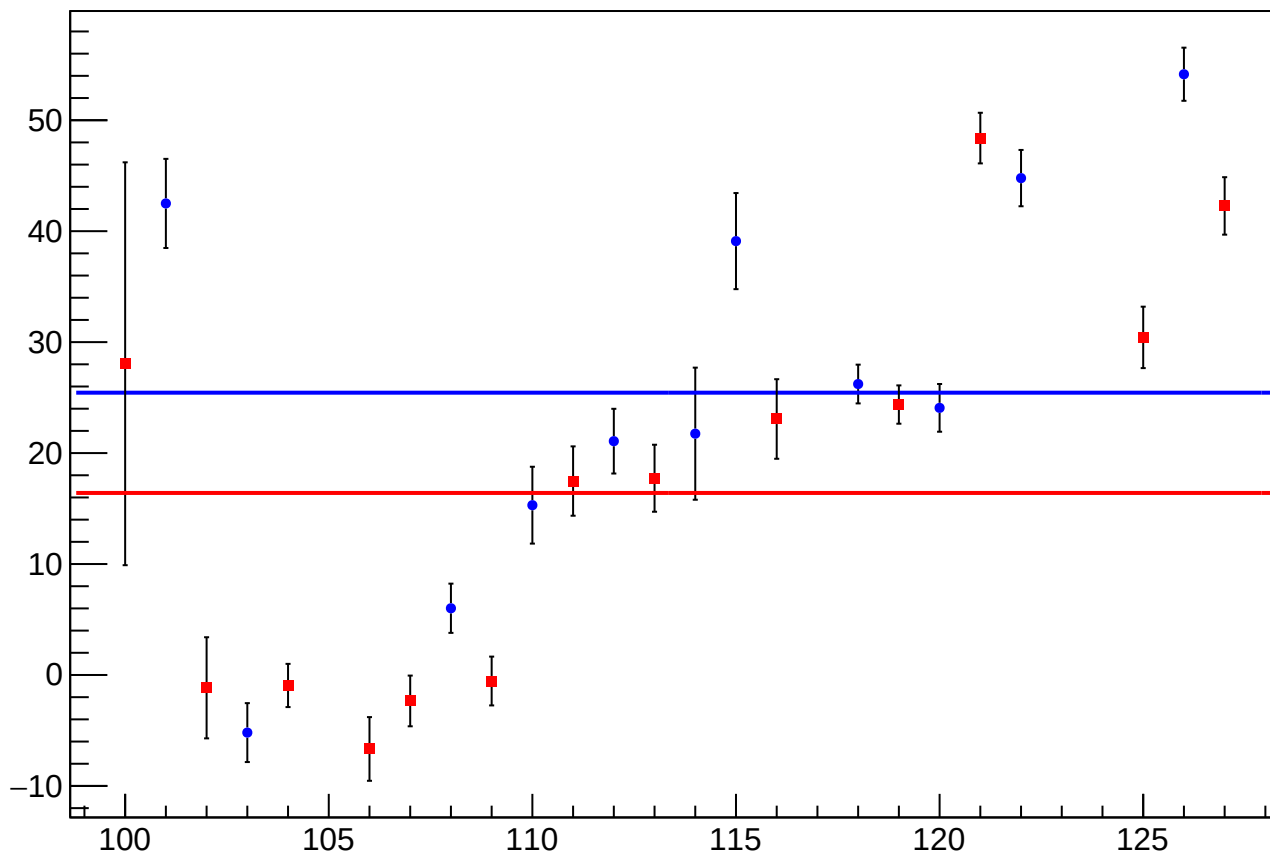
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.132+/-0.492 χ^2/NDF : 7261.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 25.444 $\pm$ 0.800 χ^2 /NDF: 451.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.407 $\pm$ 0.720 χ^2 /NDF: 632.9/12

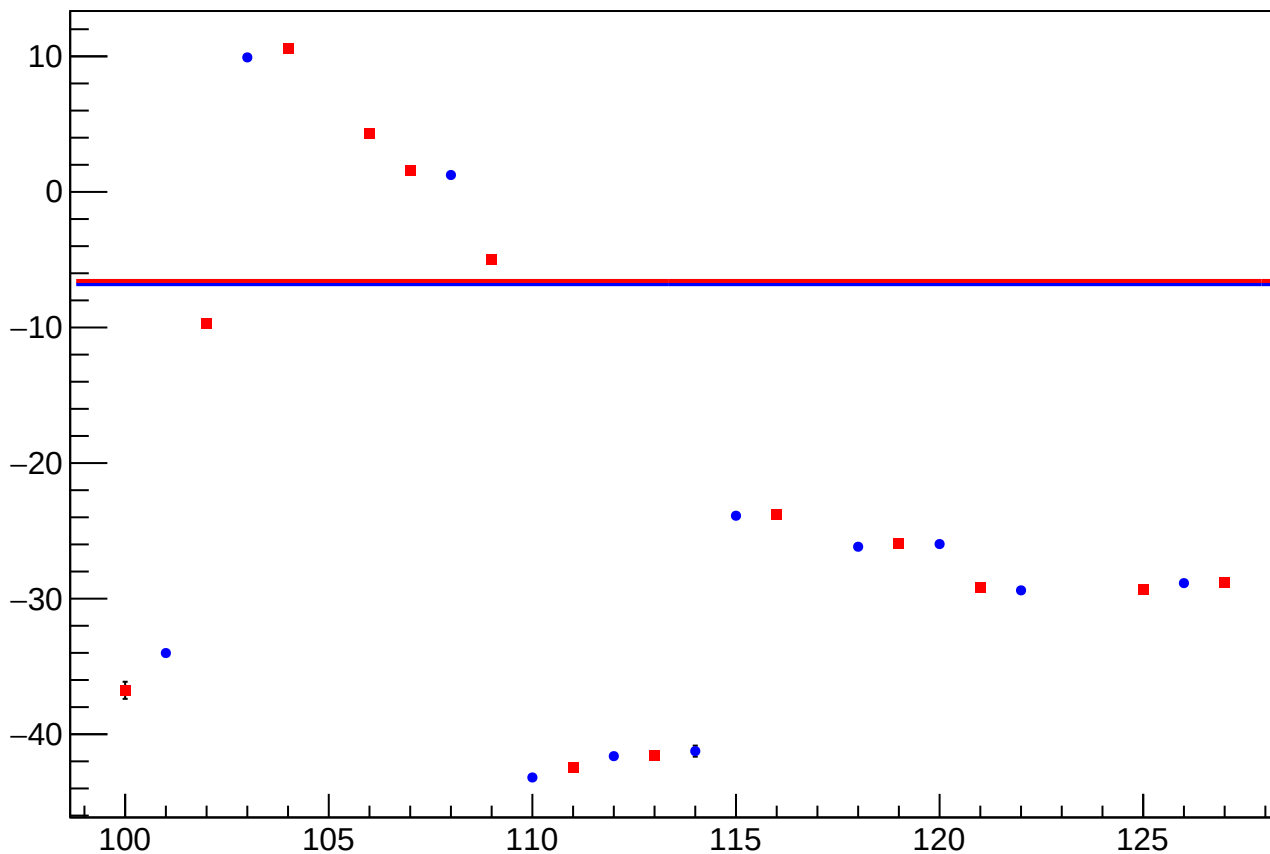
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.449 $\pm$ 0.535 χ^2 /NDF: 1154.9/23

- 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: -6.804 $\pm$ 0.041 χ^2 /NDF: 210592.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -6.566 $\pm$ 0.039 χ^2 /NDF: 190514.2/12

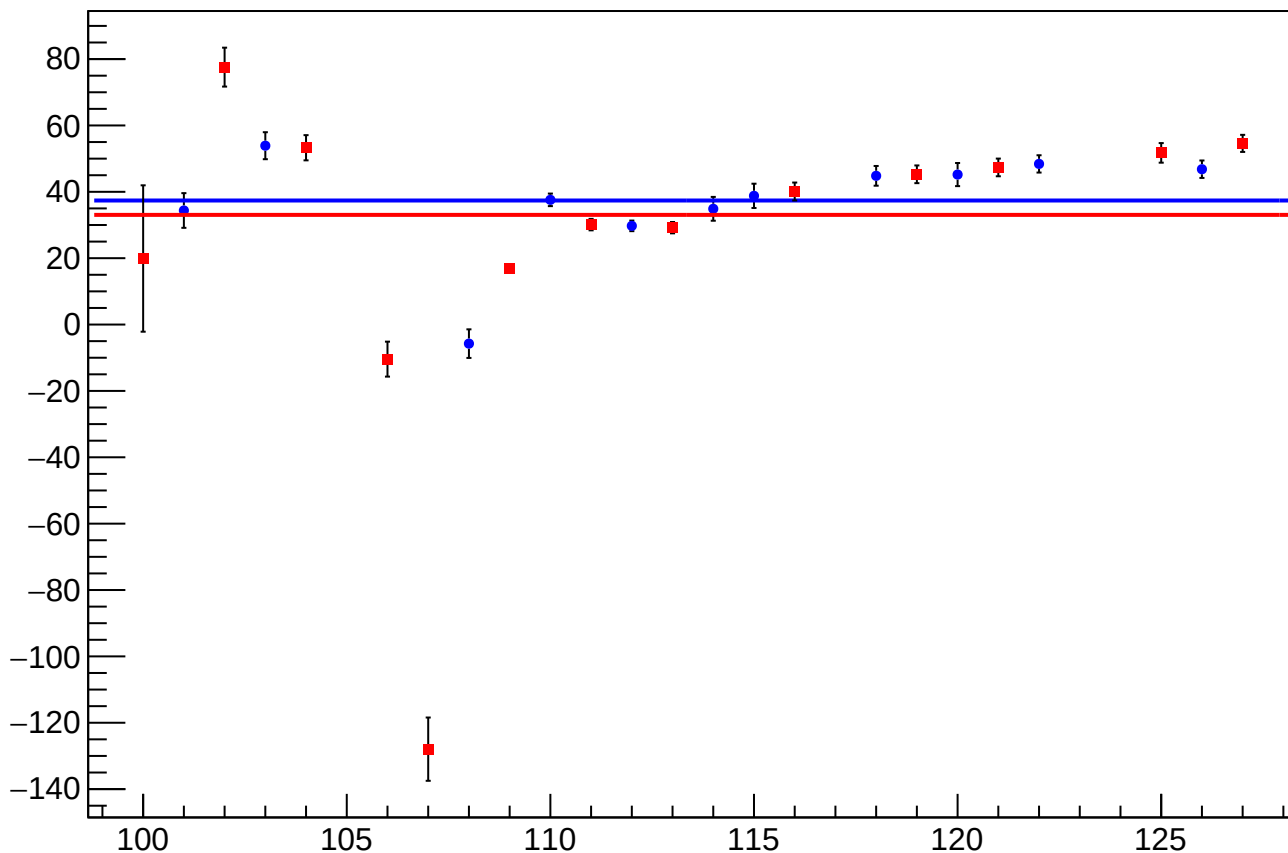
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -6.679 $\pm$ 0.028 χ^2 /NDF: 401124.8/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_atlr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 37.384+/-0.827 χ^2 /NDF: 182.7/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 33.050+/-0.715 χ^2 /NDF: 728.7/12

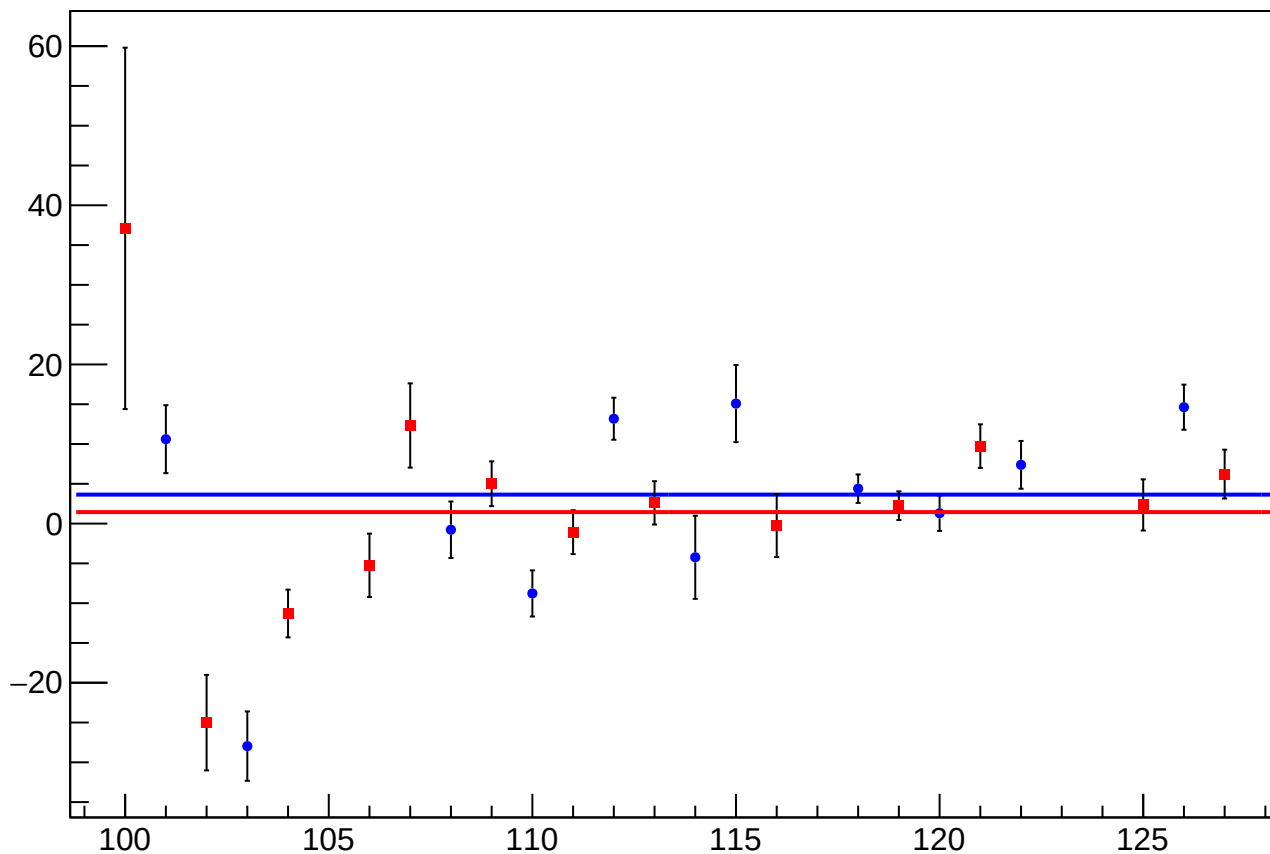
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 34.906+/-0.541 χ^2 /NDF: 927.1/23

- 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: 3.641+/-0.884 χ^2/NDF : 113.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.445+/-0.863 χ^2/NDF : 61.7/12

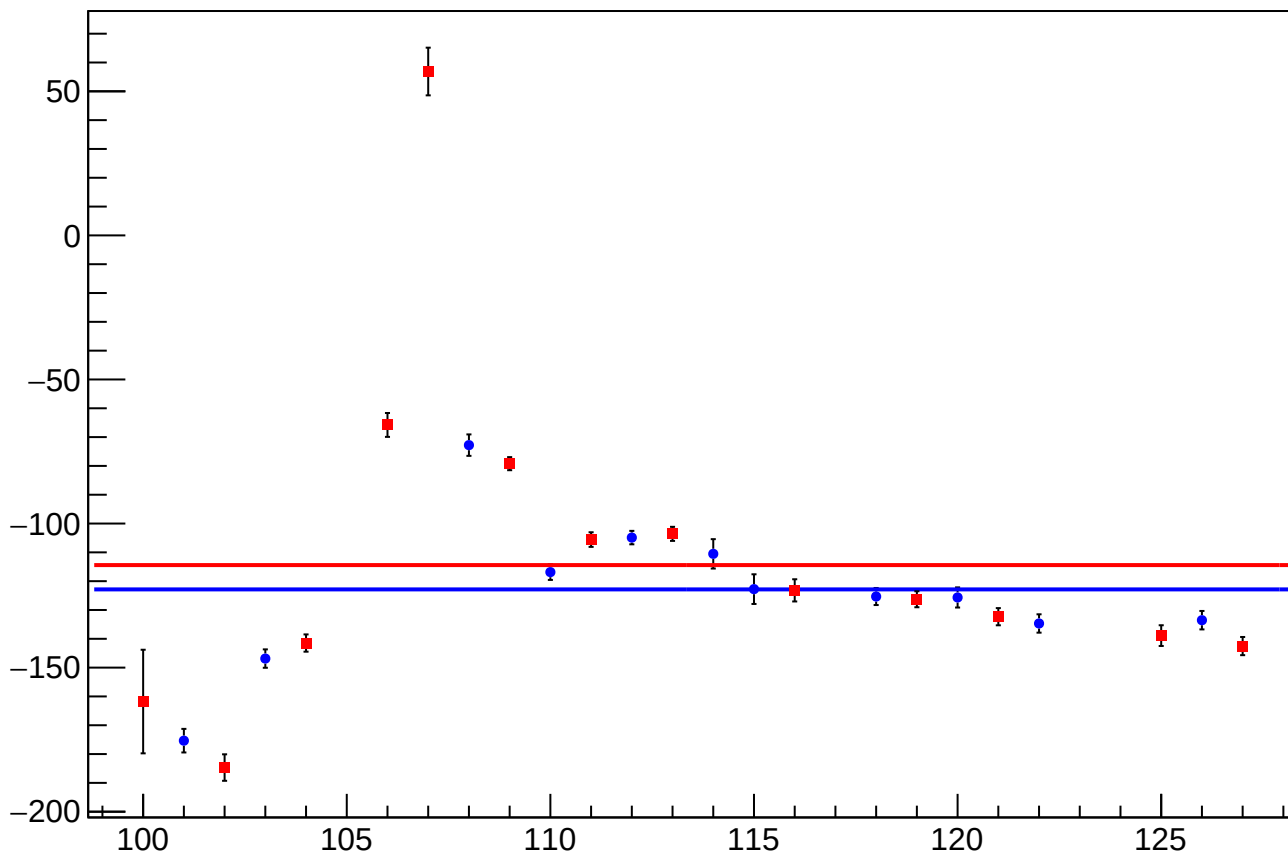
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.517+/-0.618 χ^2/NDF : 178.8/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -122.855+/-0.991 χ^2 /NDF: 498.6/10

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -114.418+/-0.898 χ^2 /NDF: 1346.0/12

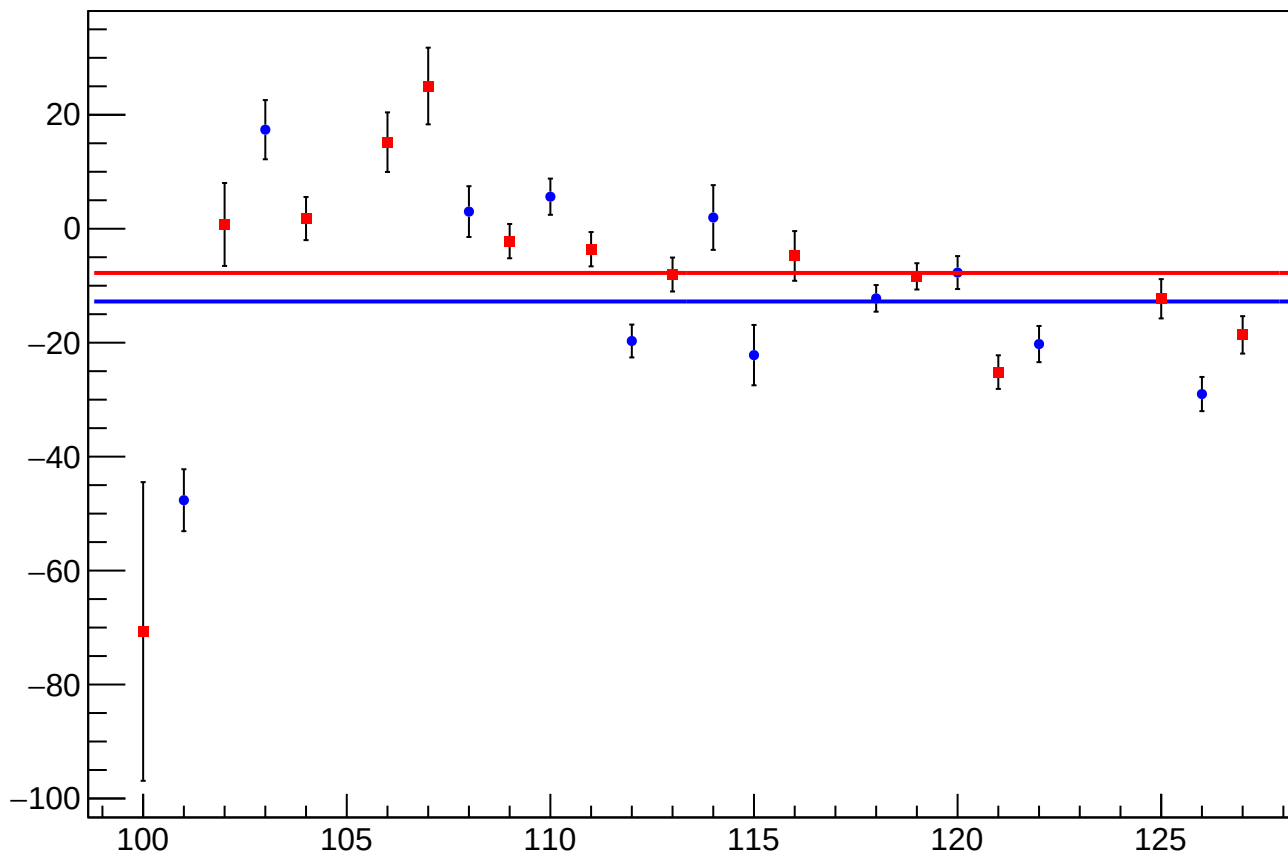
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -118.223+/-0.666 χ^2 /NDF: 1884.3/23

- 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: -12.767 $\pm$ 1.042 χ^2 /NDF: 174.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -7.756 $\pm$ 0.993 χ^2 /NDF: 109.9/12

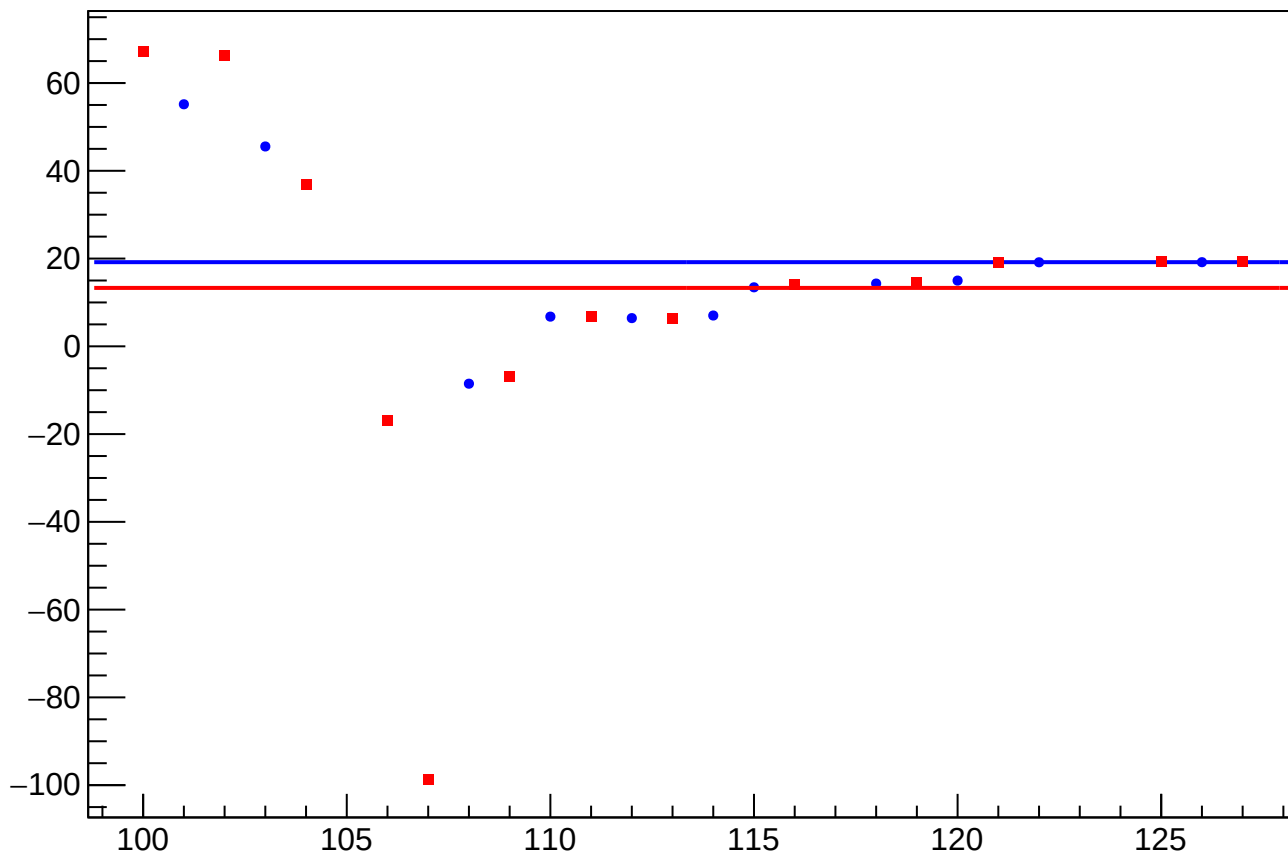
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -10.139 $\pm$ 0.719 χ^2 /NDF: 296.6/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_atlr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 19.180 $\pm$ 0.064 χ^2 /NDF: 104024.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.312 $\pm$ 0.060 χ^2 /NDF: 252621.1/12

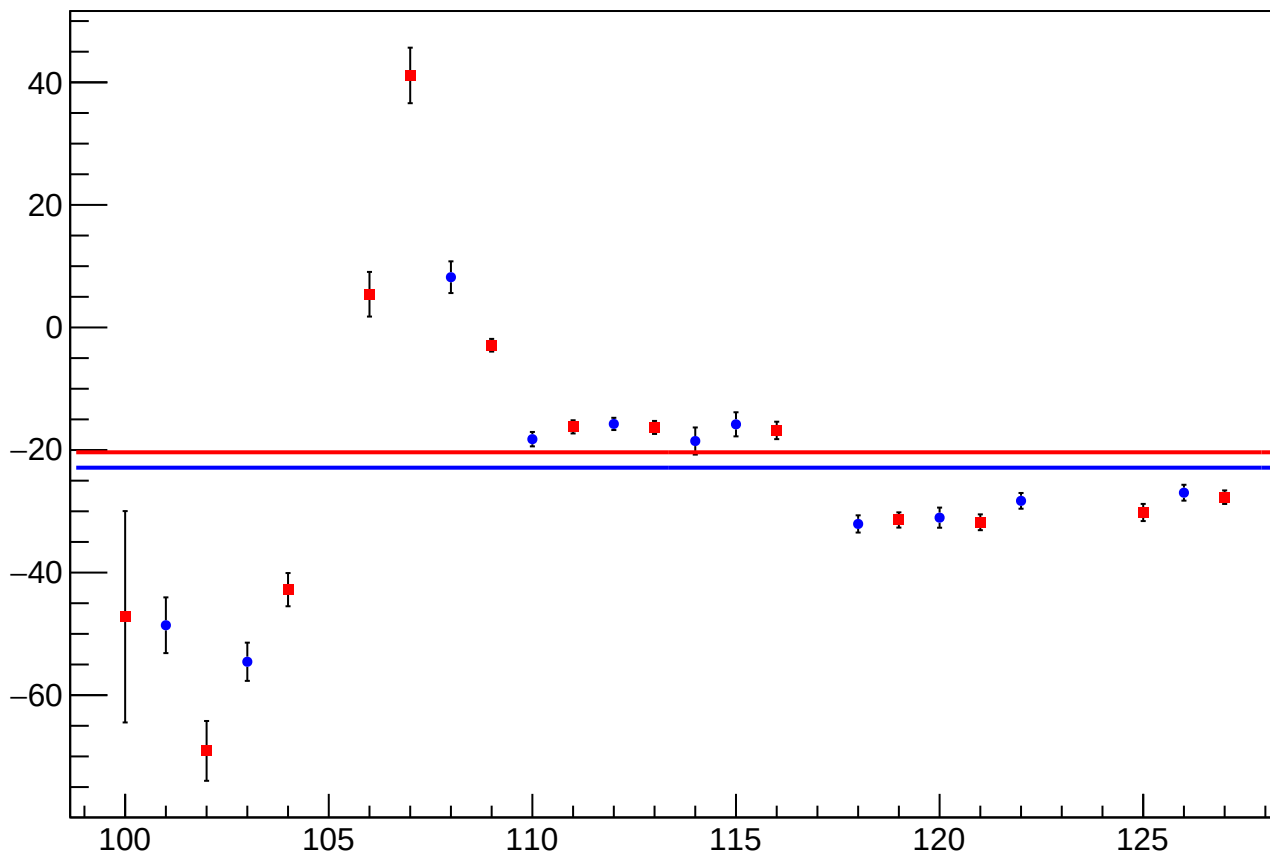
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.076 $\pm$ 0.044 χ^2 /NDF: 361092.7/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_atlr_dd_dd_diff_bpm1X_slope vs Slug



Right In: -22.881 ± 0.468 χ^2/NDF : 458.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -20.369 ± 0.406 χ^2/NDF : 975.9/12

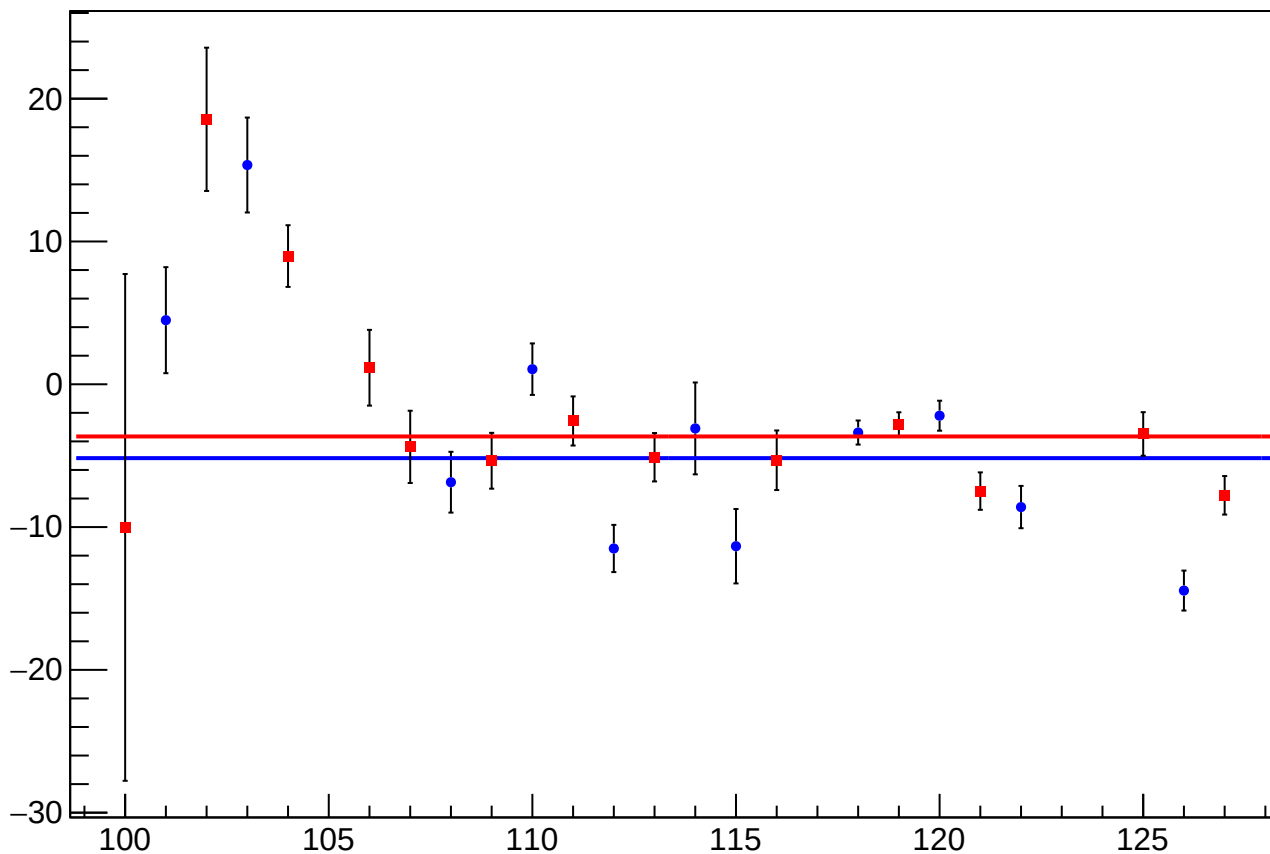
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -21.449 ± 0.307 χ^2/NDF : 1450.4/23

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -5.172 $\pm$ 0.467 χ^2 /NDF: 140.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.654 $\pm$ 0.459 χ^2 /NDF: 78.8/12

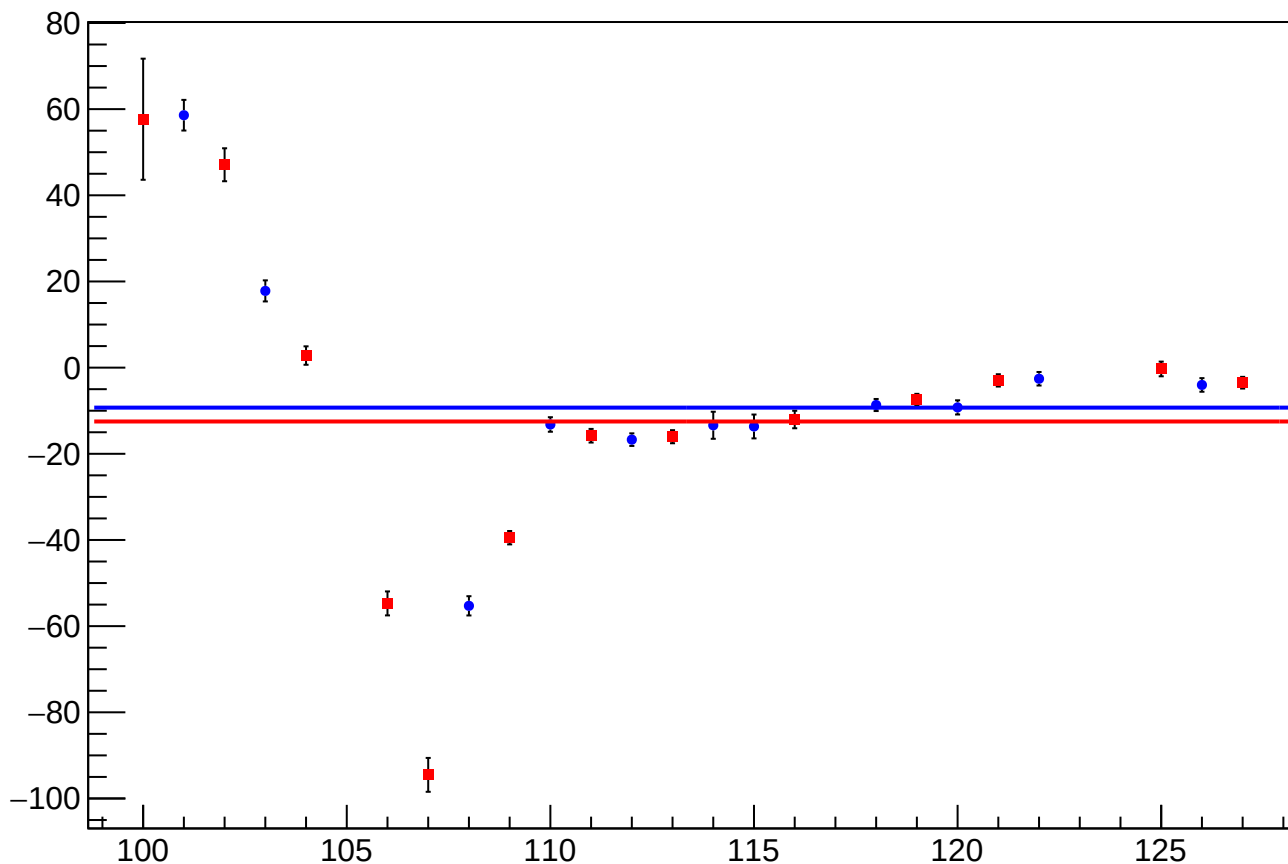
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -4.400 $\pm$ 0.328 χ^2 /NDF: 224.1/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: -9.280+/-0.560 χ^2/NDF : 975.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.500+/-0.503 χ^2/NDF : 1450.2/12

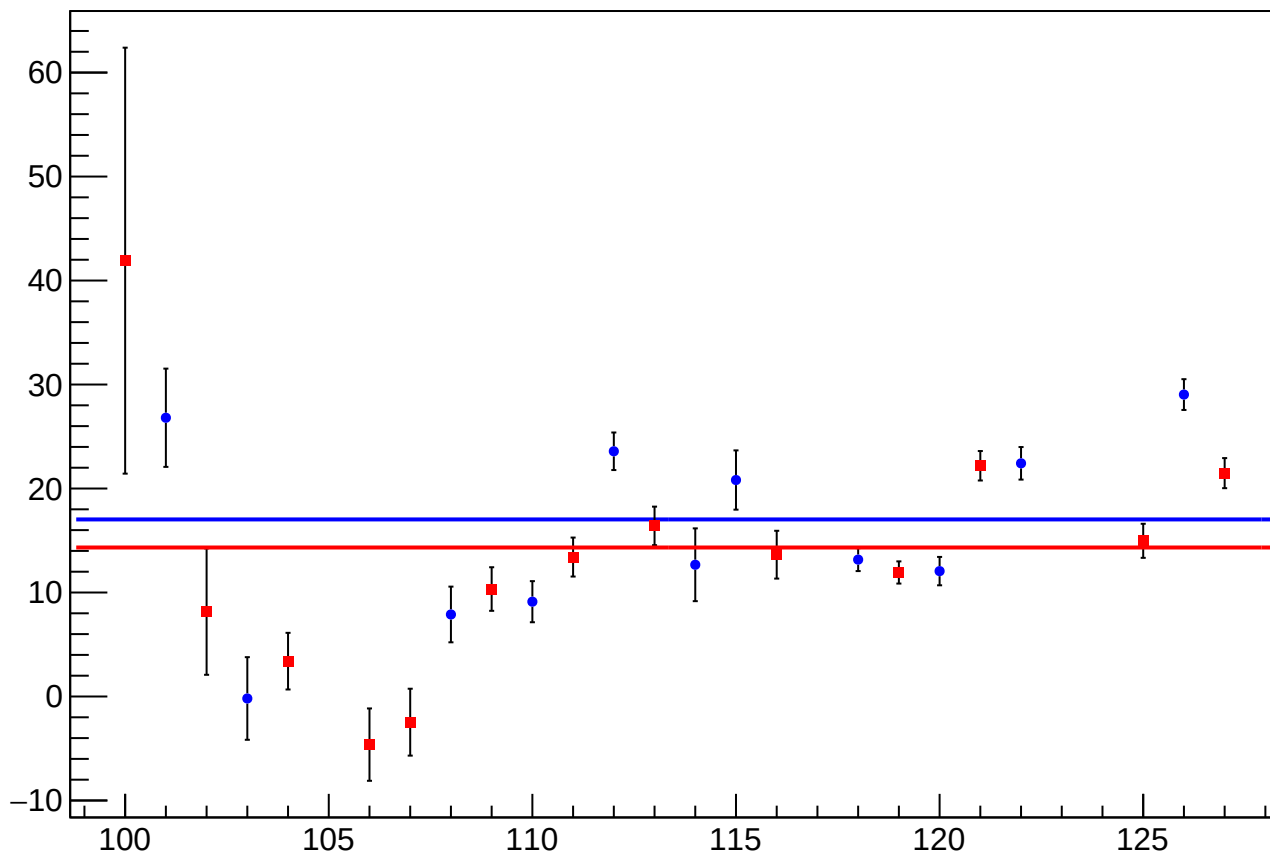
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.064+/-0.374 χ^2/NDF : 2443.5/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 17.027 $\pm$ 0.556 χ^2 /NDF: 170.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.328 $\pm$ 0.530 χ^2 /NDF: 141.6/12

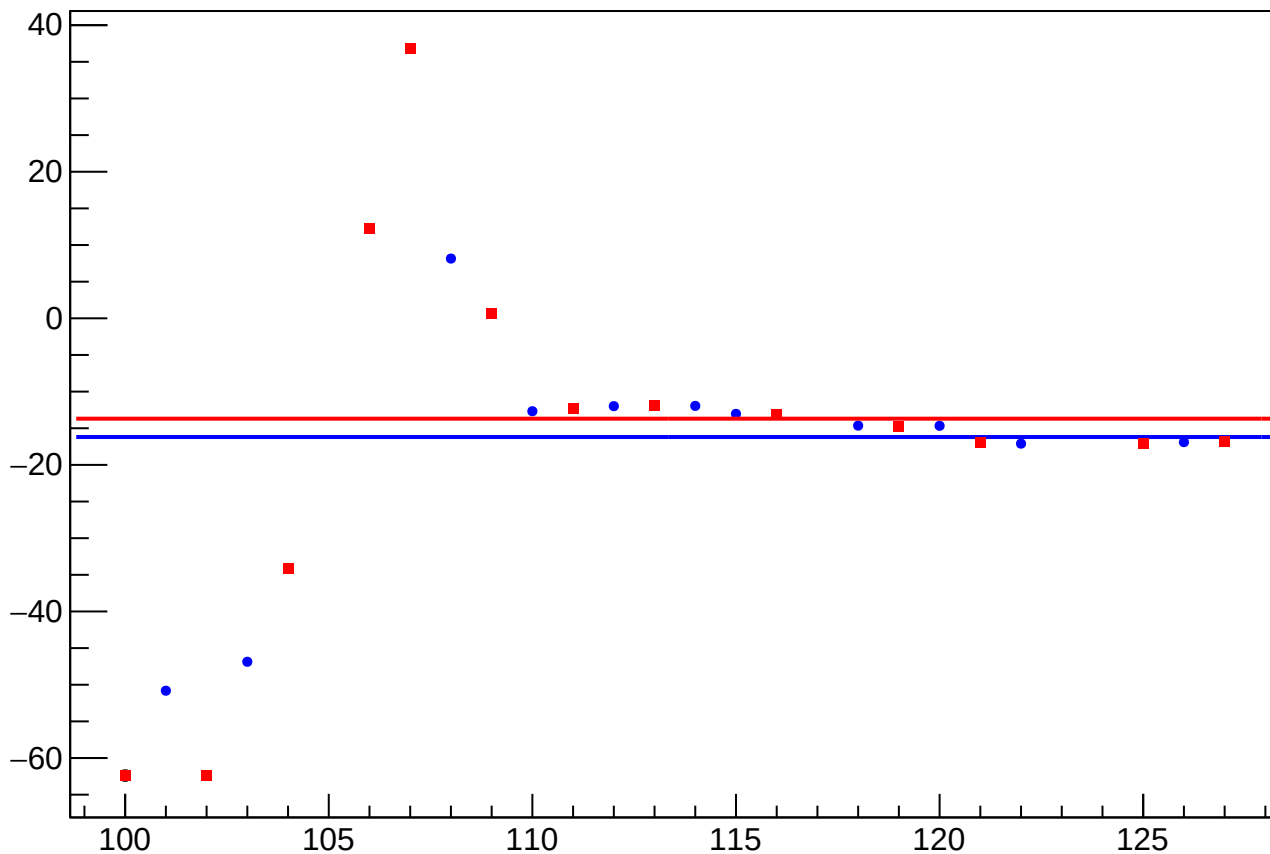
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 15.614 $\pm$ 0.383 χ^2 /NDF: 324.4/23

- 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: -16.198 $\pm$ 0.038 χ^2 /NDF: 190554.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -13.694 $\pm$ 0.036 χ^2 /NDF: 279999.1/12

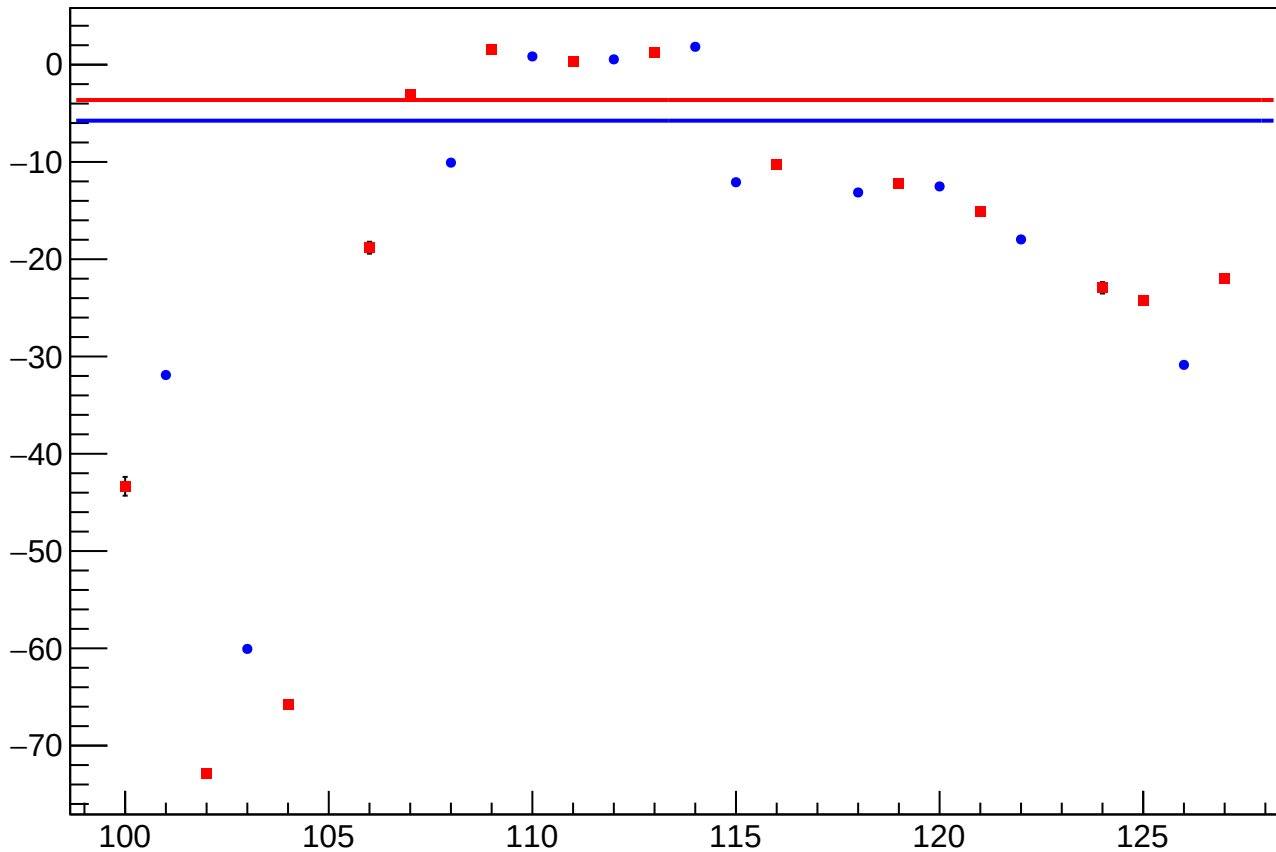
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.863 $\pm$ 0.026 χ^2 /NDF: 472840.6/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



Right In: -5.756+/-0.064 χ^2/NDF : 38246.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.634+/-0.051 χ^2/NDF : 60434.9/13

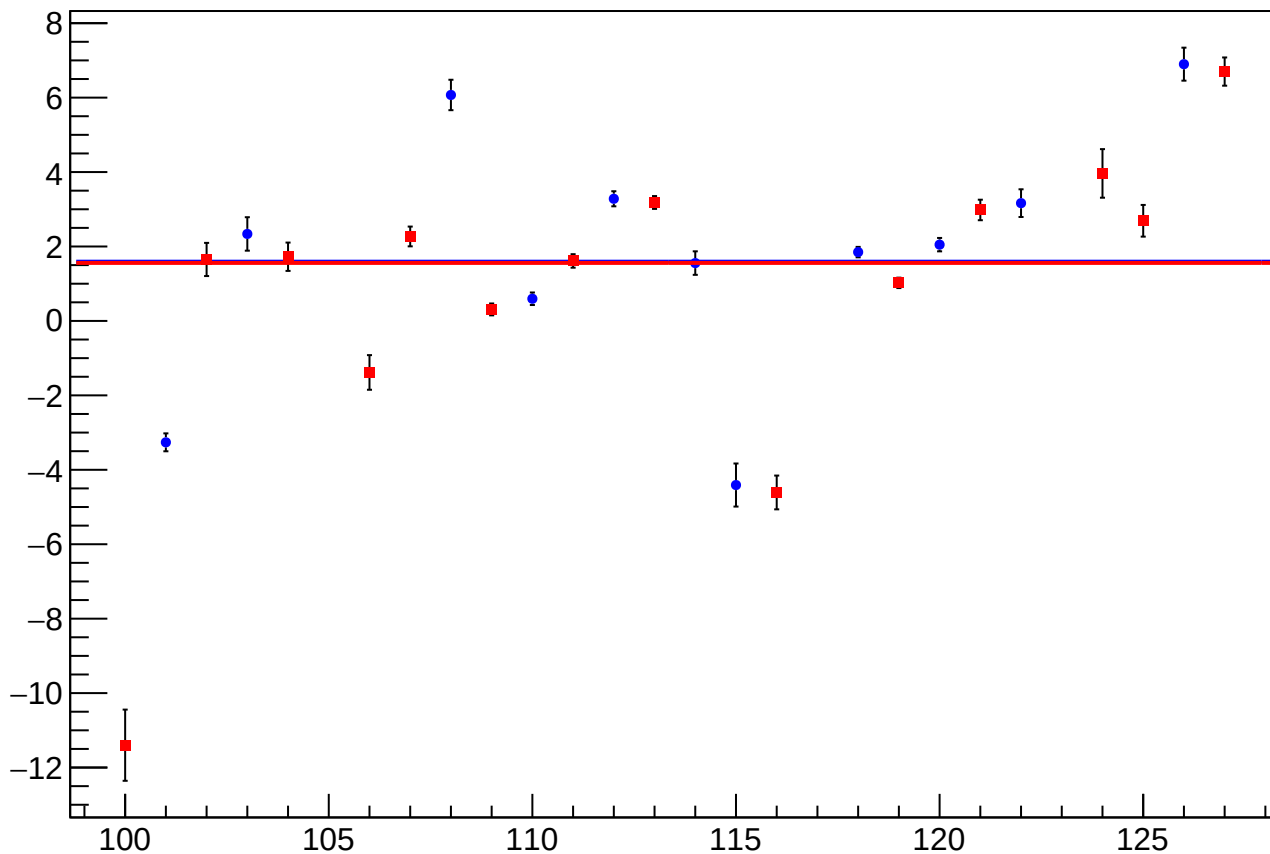
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.454+/-0.040 χ^2/NDF : 99357.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 1.592 $\pm$ 0.072 χ^2 /NDF: 913.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.559 $\pm$ 0.068 χ^2 /NDF: 811.4/13

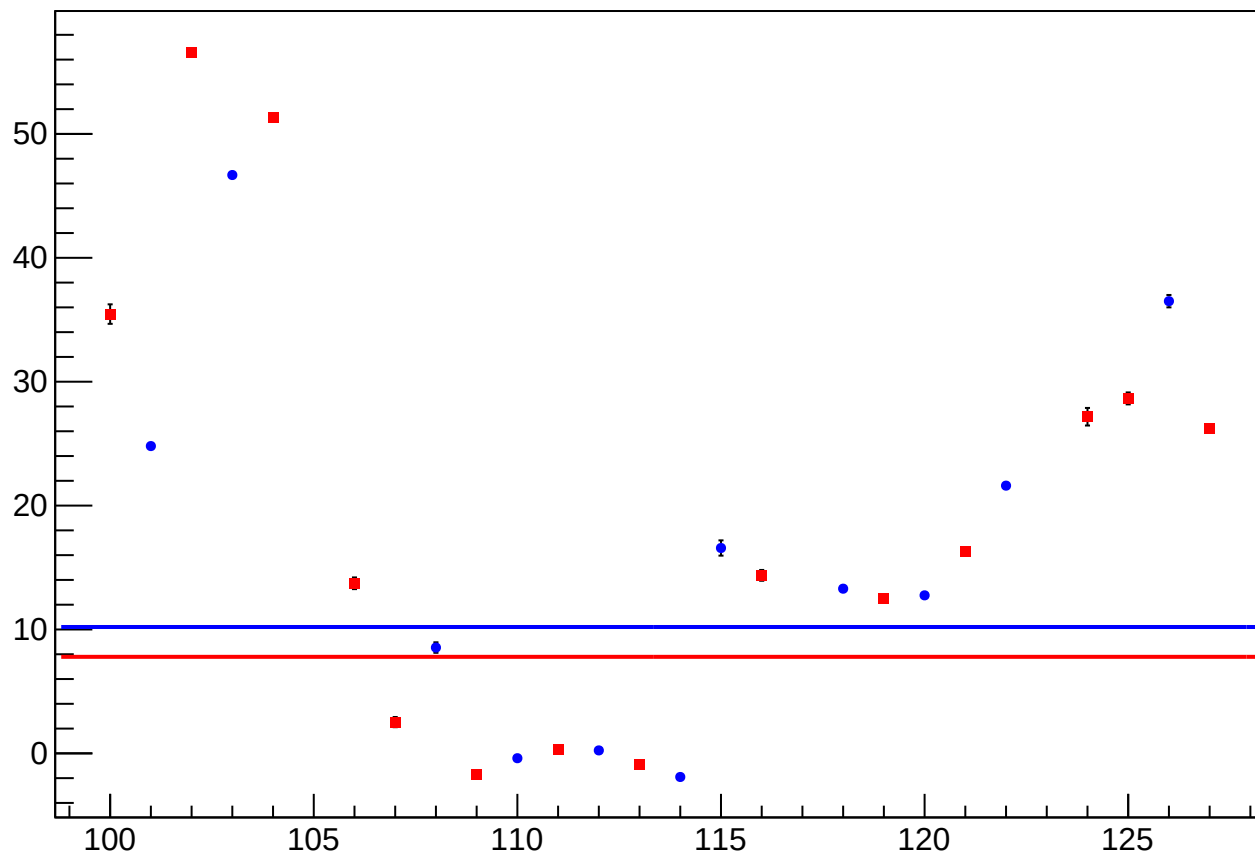
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.574 $\pm$ 0.049 χ^2 /NDF: 1725.1/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: 10.201+/-0.079 χ^2/NDF : 28790.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.792+/-0.068 χ^2/NDF : 50622.4/13

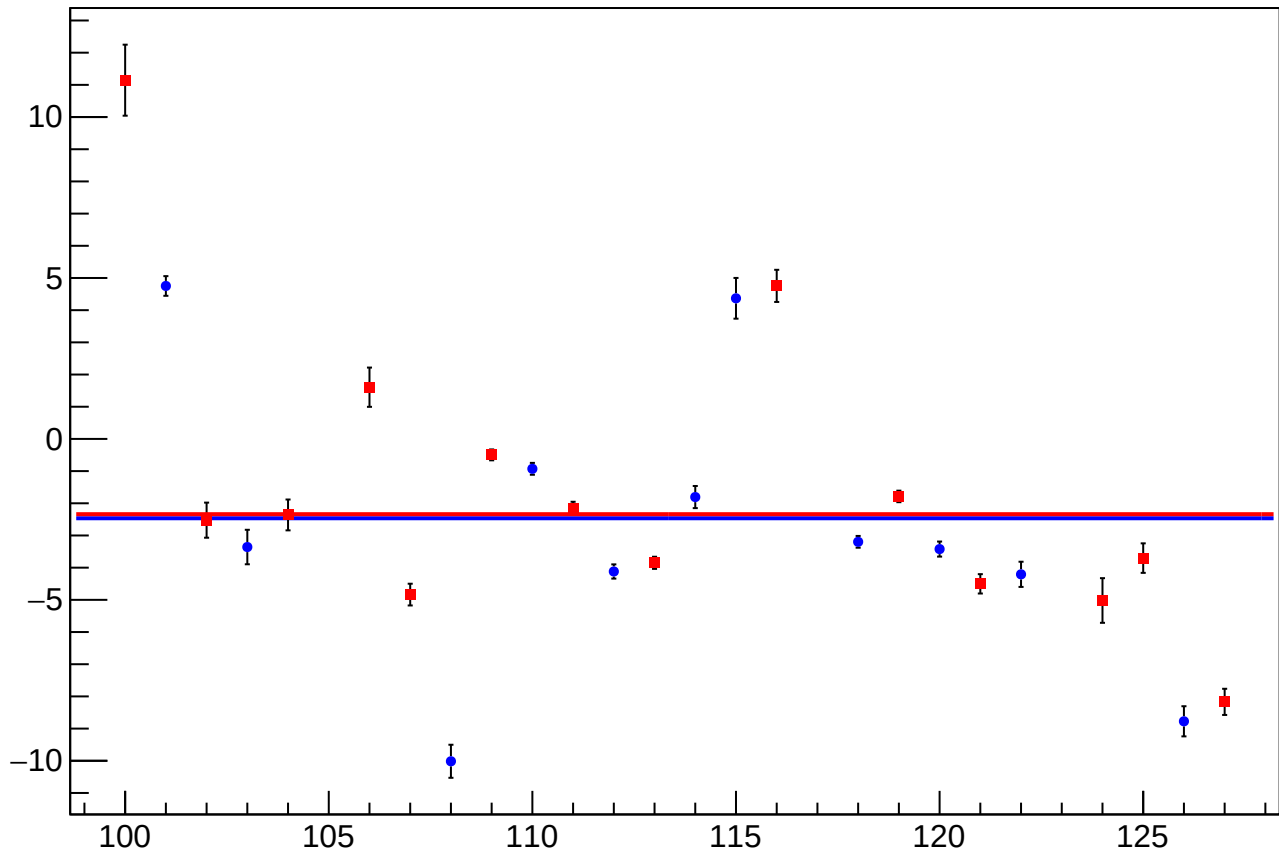
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.817+/-0.052 χ^2/NDF : 79945.2/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -2.465+/-0.085 χ^2/NDF : 1256.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.338+/-0.077 χ^2/NDF : 921.9/13

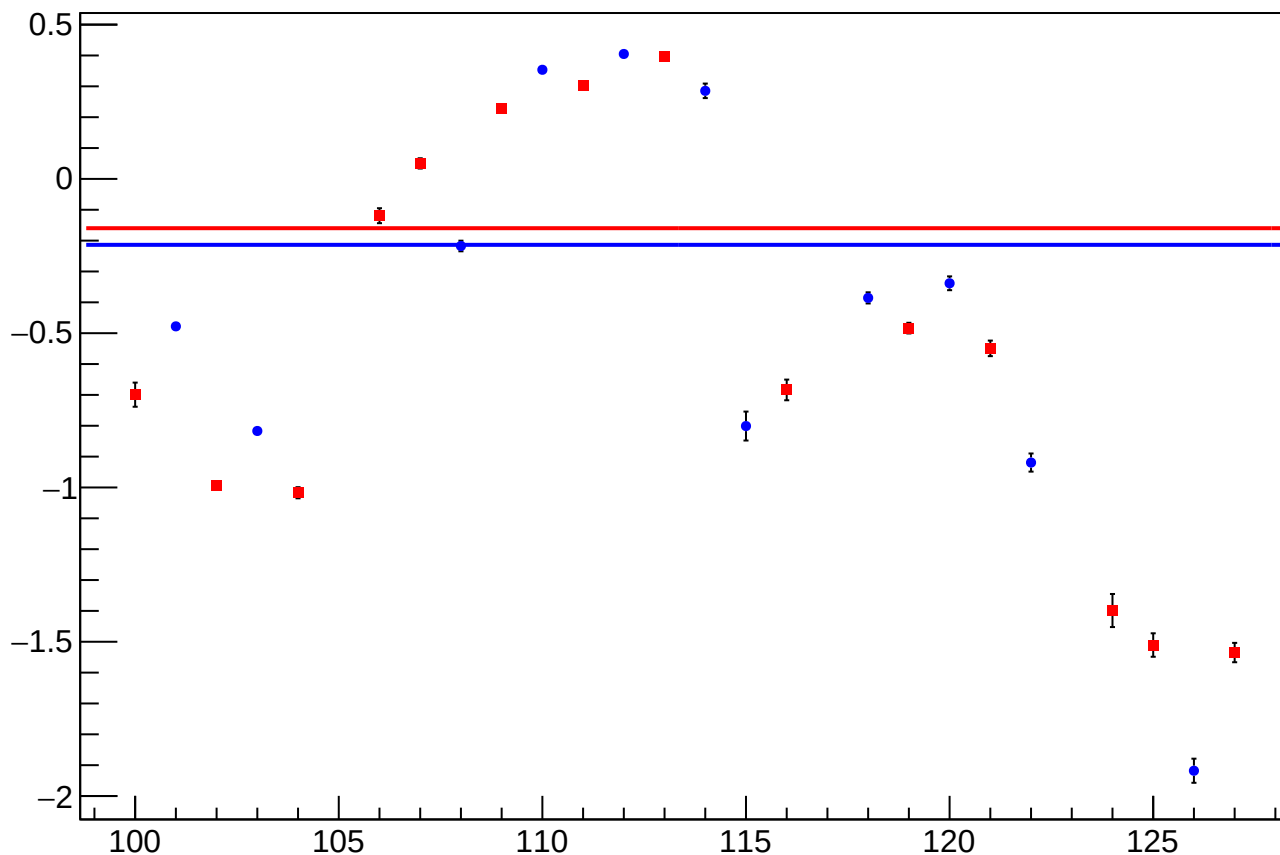
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.396+/-0.057 χ^2/NDF : 2179.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: -0.214 ± 0.005 $\chi^2/\text{NDF}: 9256.6/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.160 ± 0.005 $\chi^2/\text{NDF}: 14986.7/13$

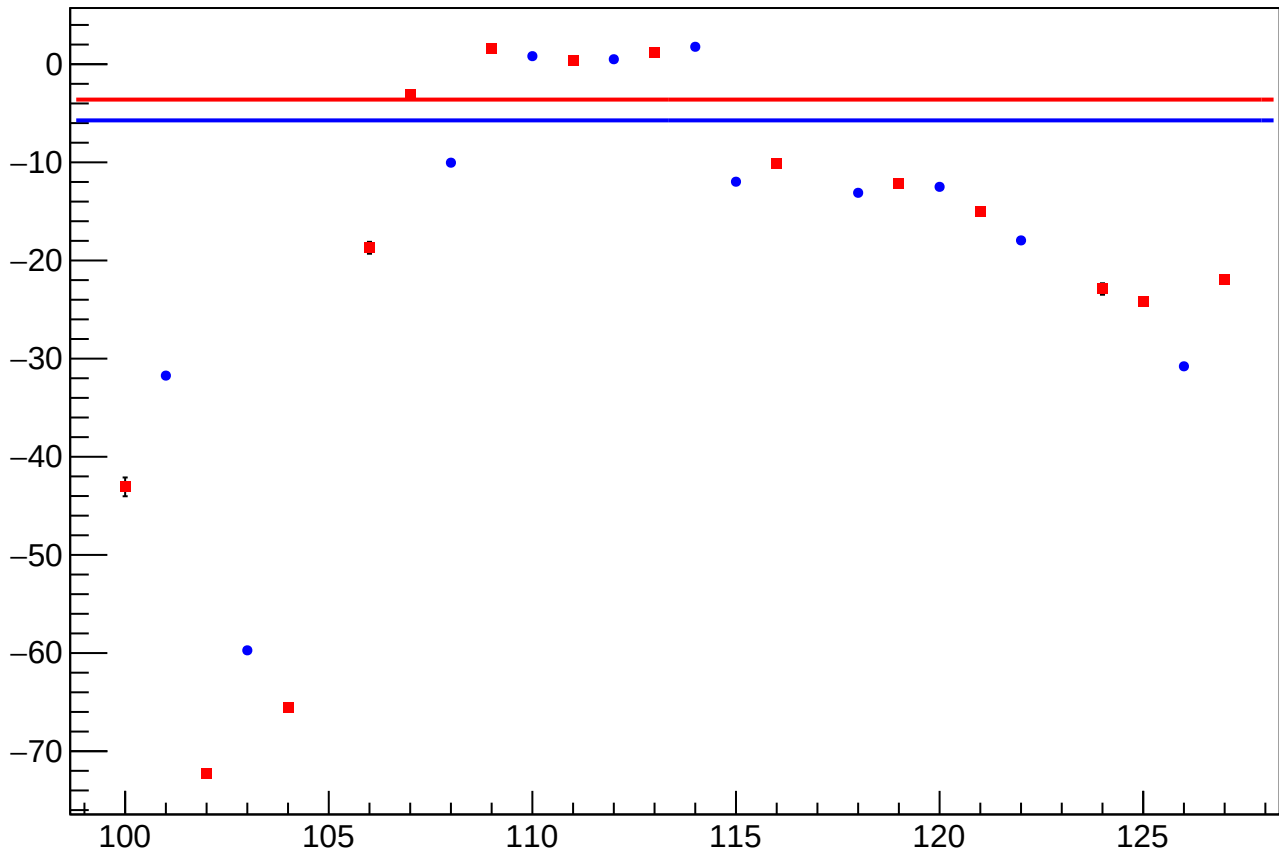
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.183 ± 0.004 $\chi^2/\text{NDF}: 24298.9/24$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



Right In: -5.725 ± 0.063 χ^2/NDF : 38234.6/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.606 ± 0.050 χ^2/NDF : 60430.8/13

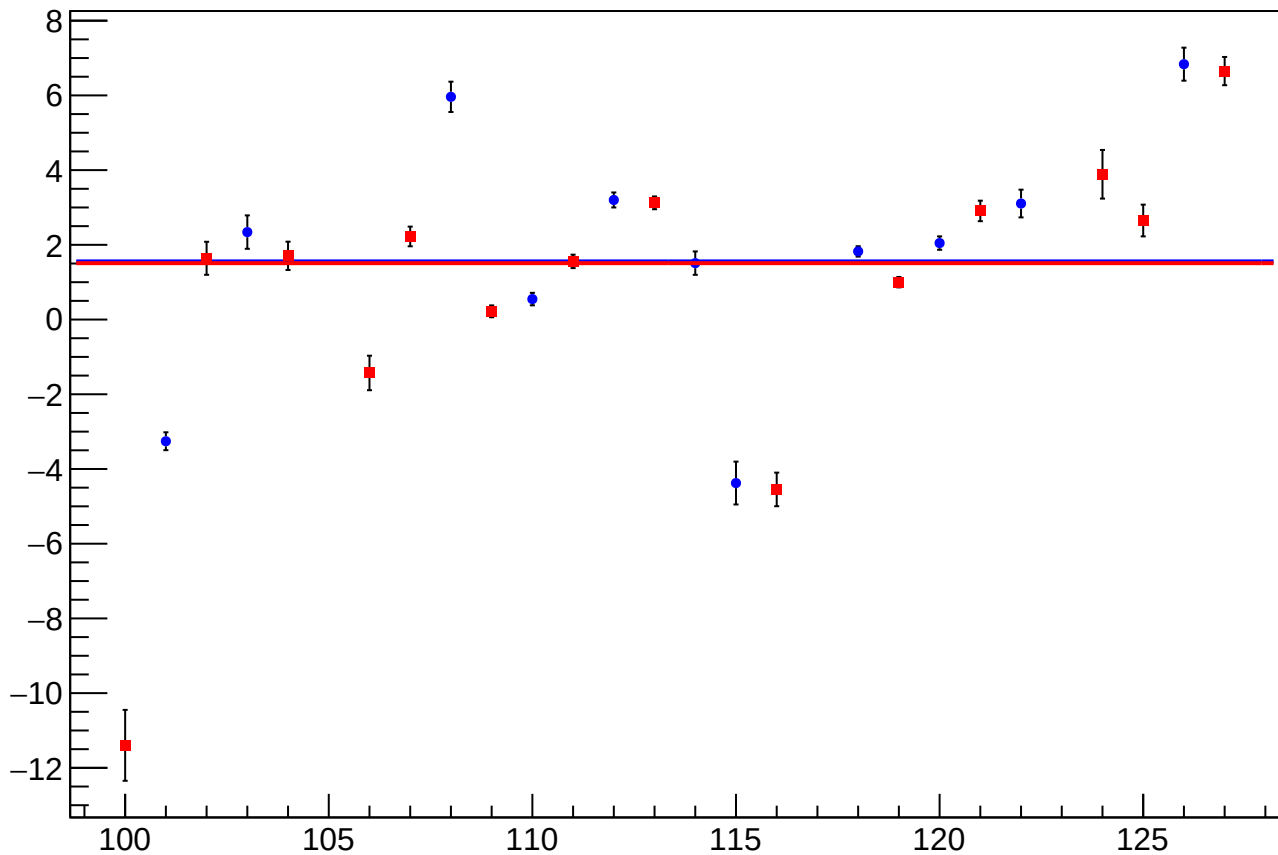
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.425 ± 0.039 χ^2/NDF : 99349.0/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 1.556 $\pm$ 0.071 χ^2 /NDF: 908.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.509 $\pm$ 0.067 χ^2 /NDF: 815.0/13

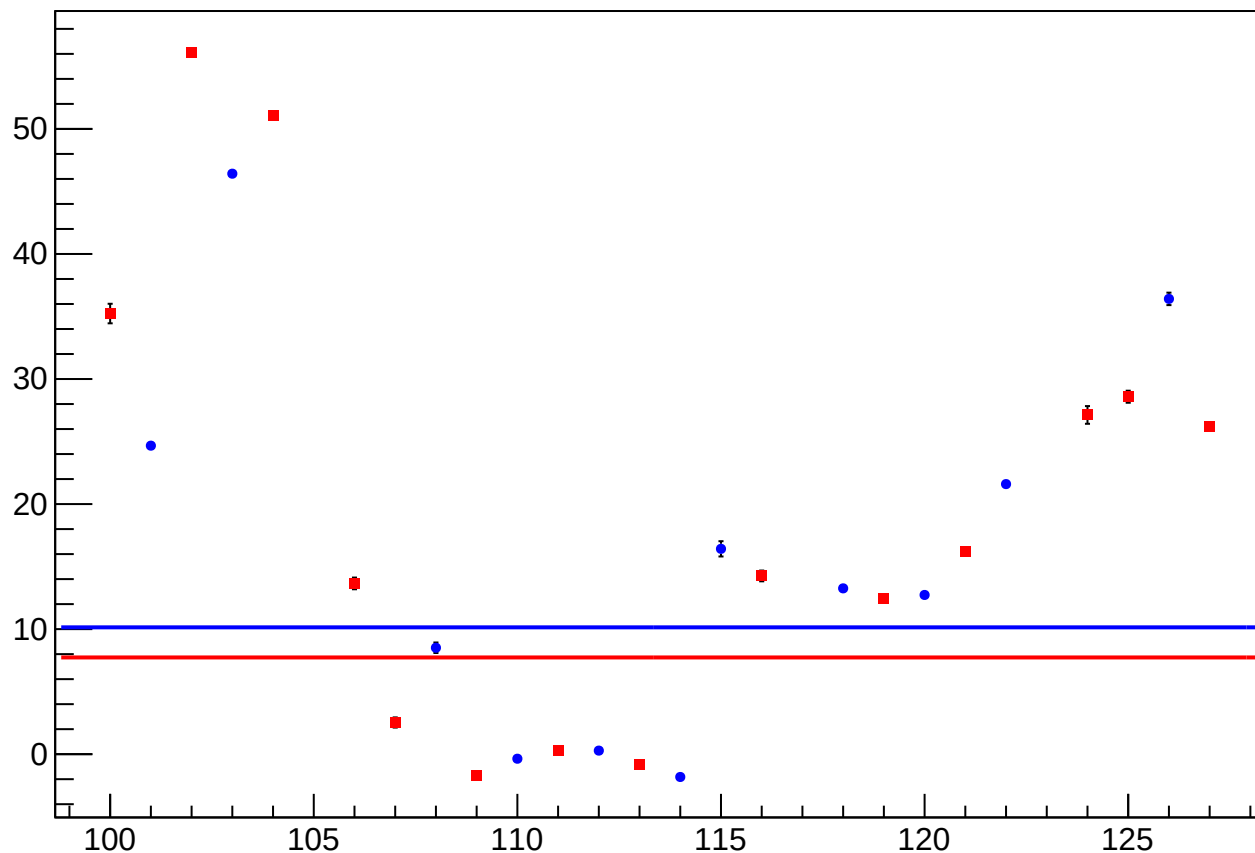
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.531 $\pm$ 0.049 χ^2 /NDF: 1723.3/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: 10.142+/-0.079 χ^2/NDF : 28782.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.735+/-0.068 χ^2/NDF : 50633.5/13

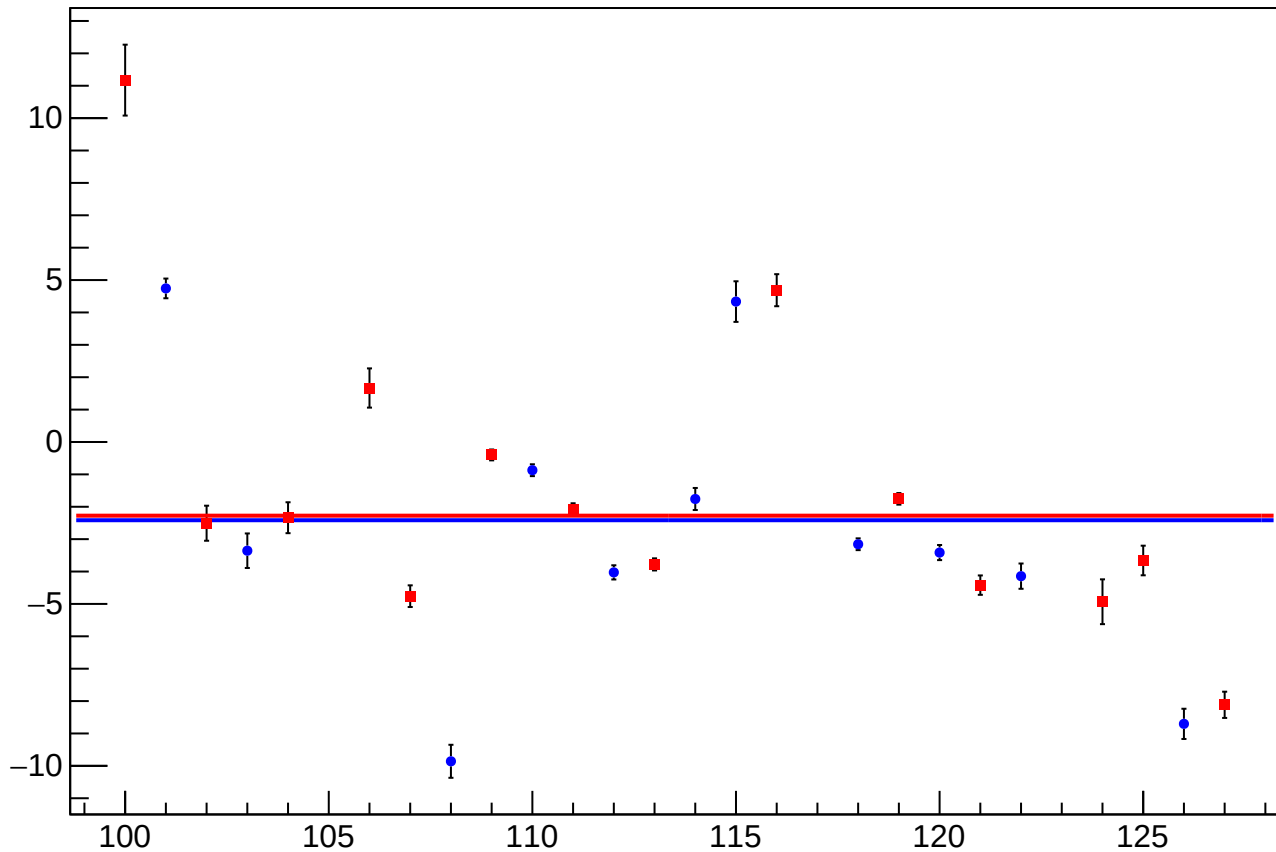
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.759+/-0.051 χ^2/NDF : 79955.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -2.416+/-0.085 χ^2/NDF : 1252.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.275+/-0.077 χ^2/NDF : 928.2/13

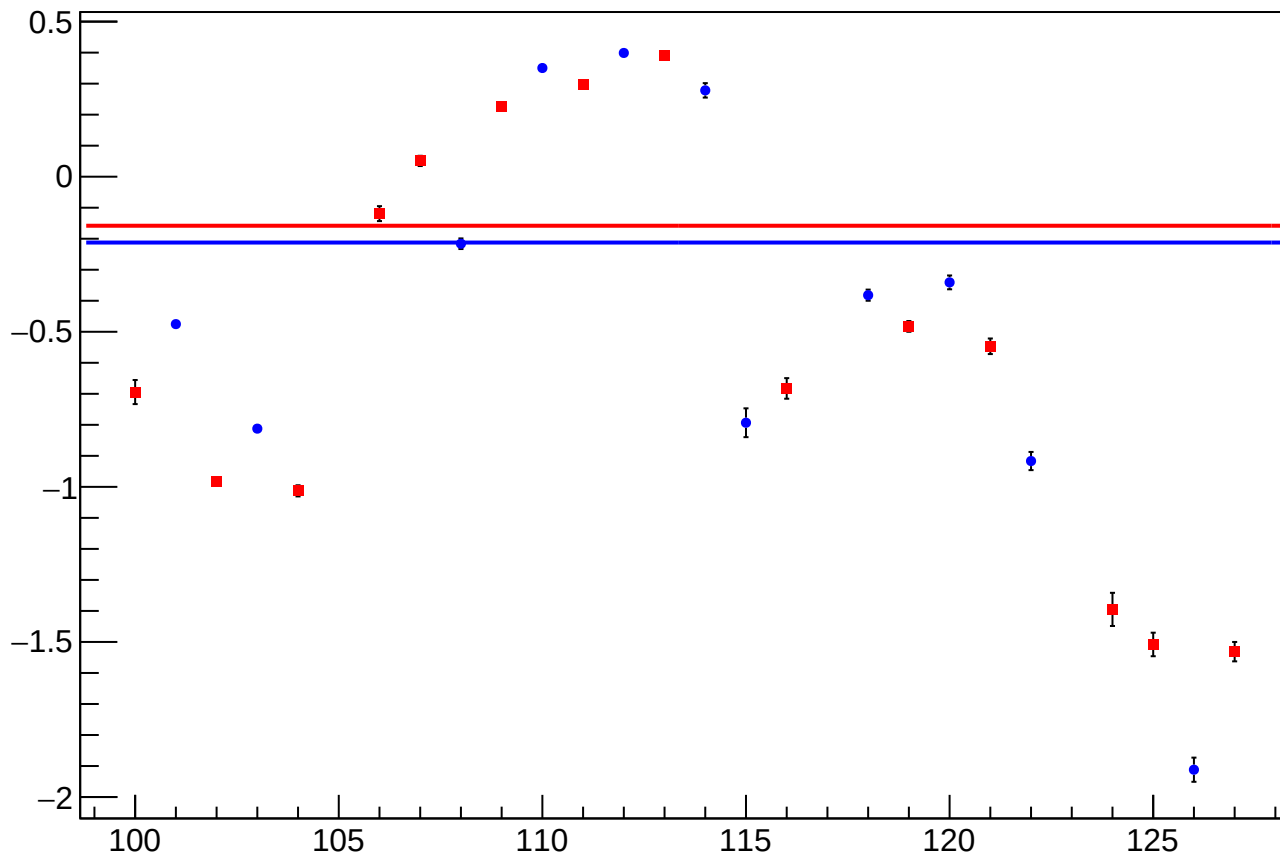
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.339+/-0.057 χ^2/NDF : 2181.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: -0.212 ± 0.005 $\chi^2/\text{NDF}: 9236.4/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.158 ± 0.005 $\chi^2/\text{NDF}: 15001.6/13$

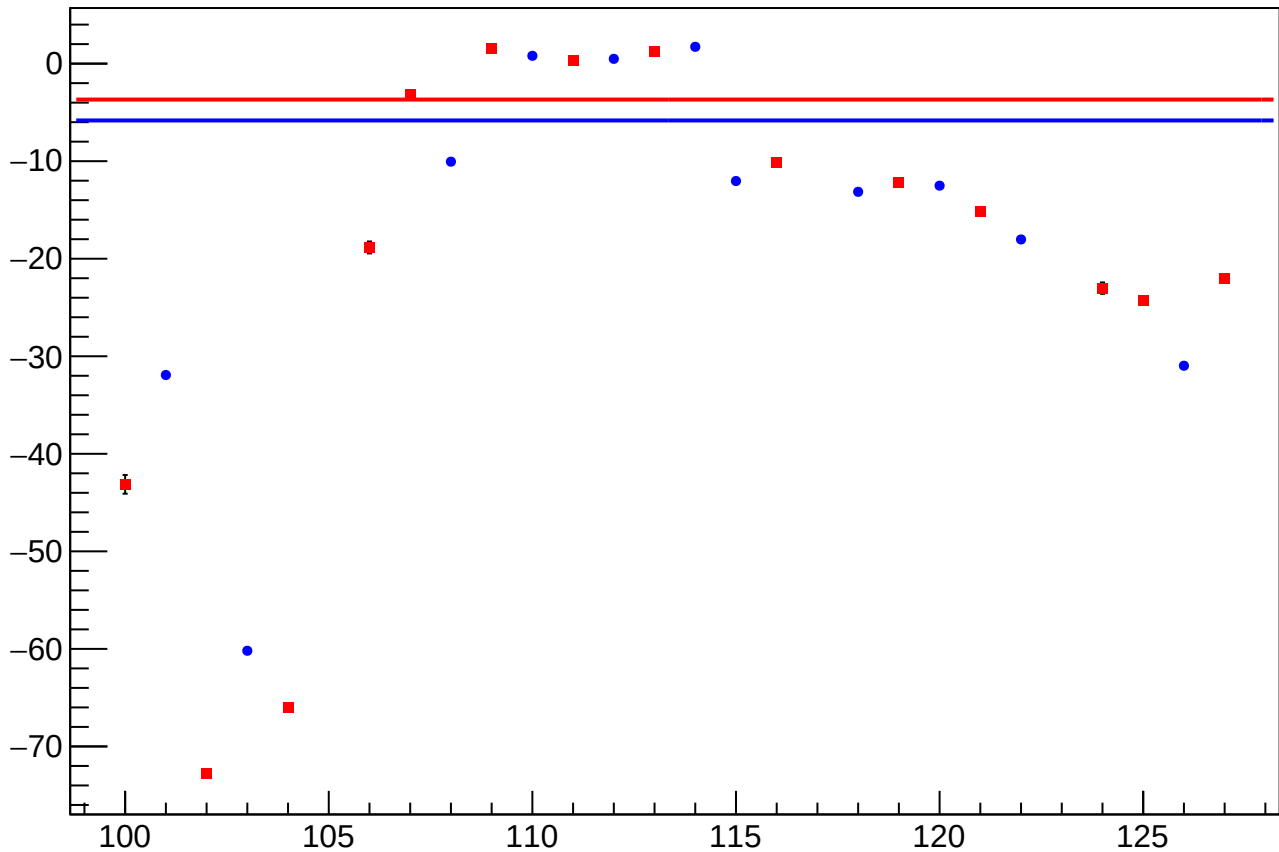
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.182 ± 0.004 $\chi^2/\text{NDF}: 24295.0/24$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



Right In: -5.826+/-0.064 χ^2 /NDF: 38180.3/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -3.684+/-0.051 χ^2 /NDF: 60355.9/13

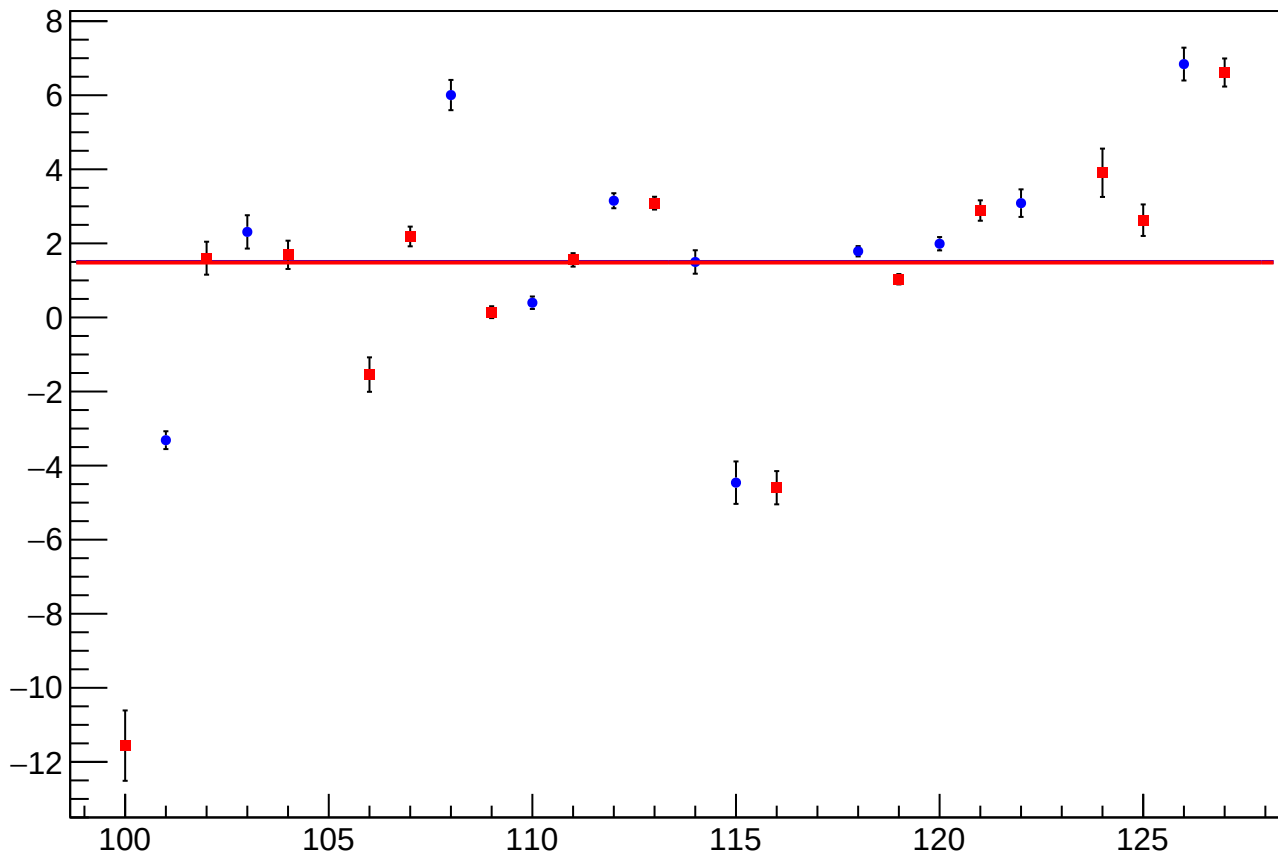
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -4.511+/-0.040 χ^2 /NDF: 99223.1/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 1.498 $\pm$ 0.072 χ^2 /NDF: 917.6/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.483 $\pm$ 0.068 χ^2 /NDF: 818.5/13

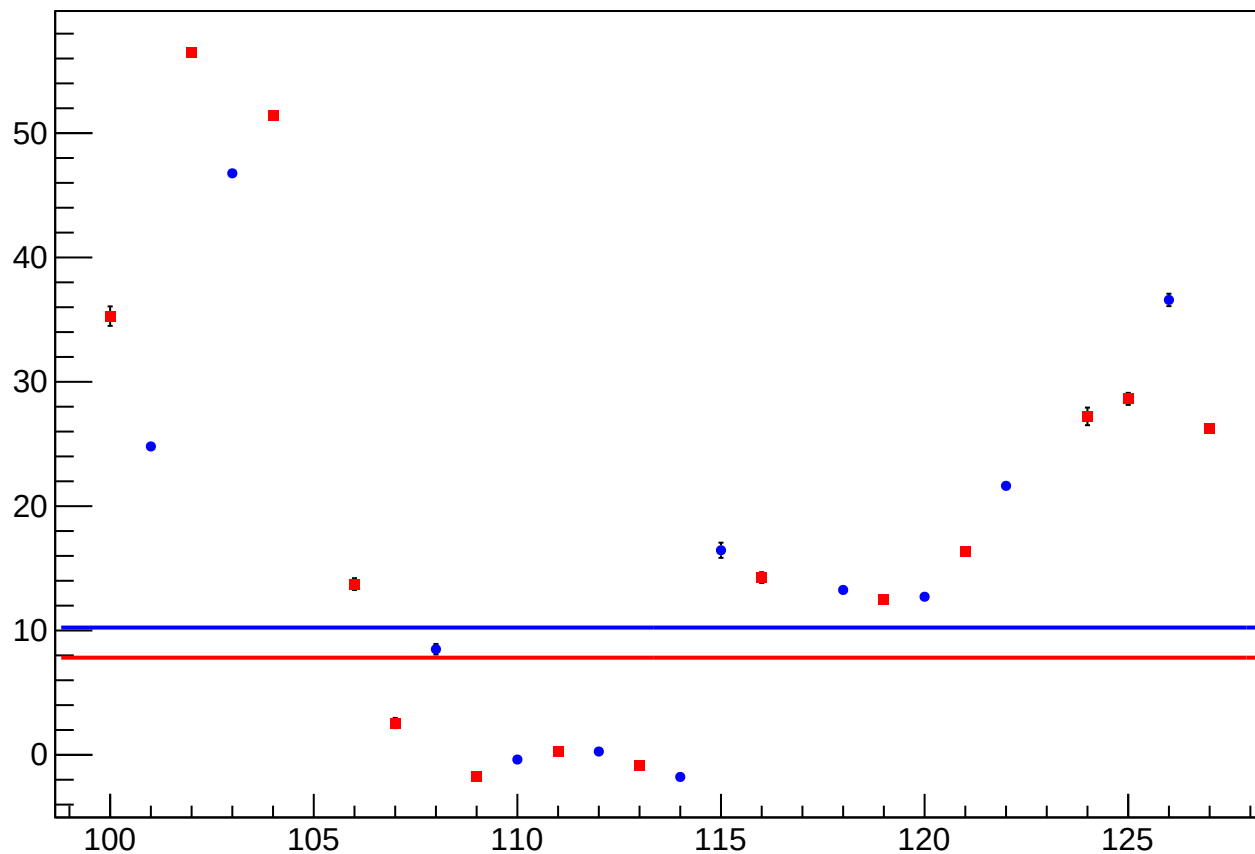
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.490 $\pm$ 0.049 χ^2 /NDF: 1736.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: 10.238+/-0.079 χ^2/NDF : 28723.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.816+/-0.068 χ^2/NDF : 50555.5/13

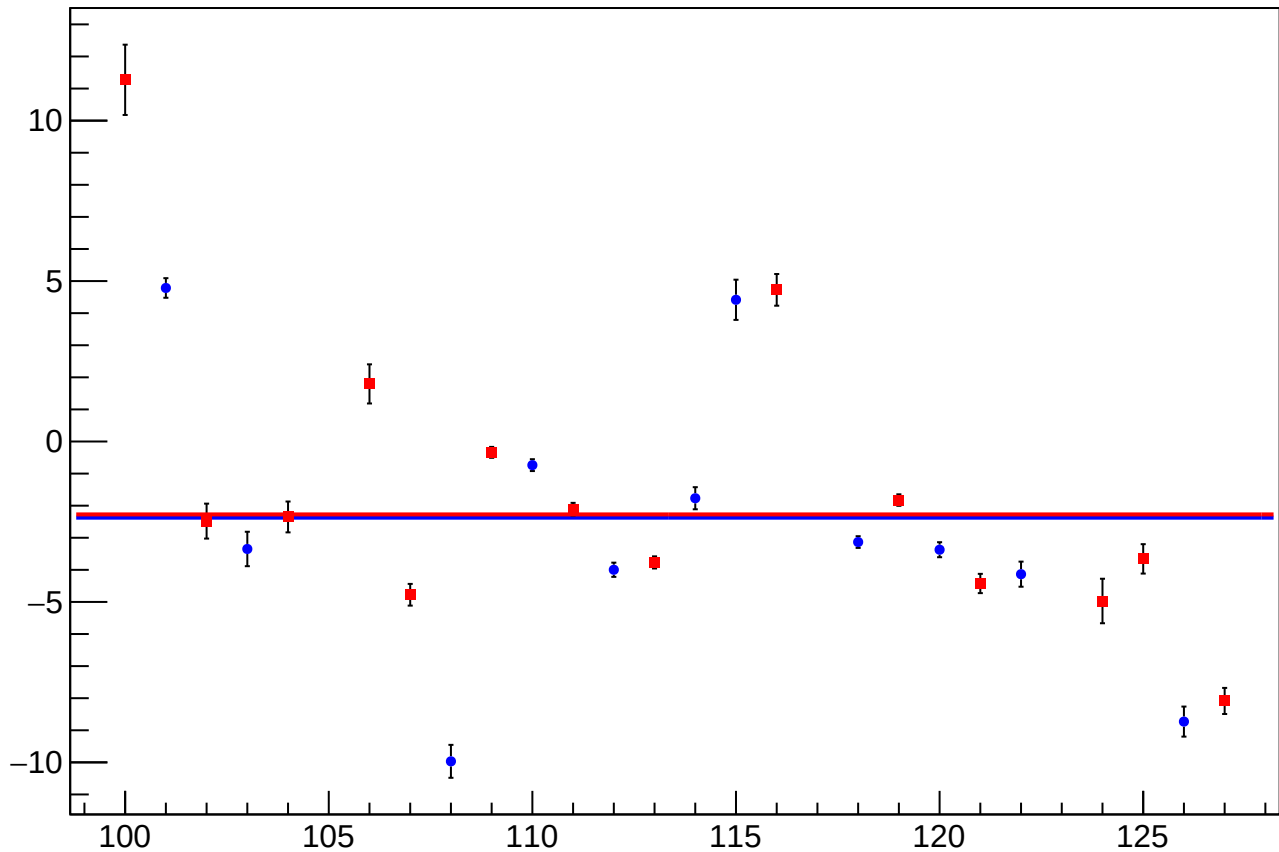
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.847+/-0.052 χ^2/NDF : 79816.3/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -2.373+/-0.085 χ^2/NDF : 1263.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.272+/-0.077 χ^2/NDF : 932.4/13

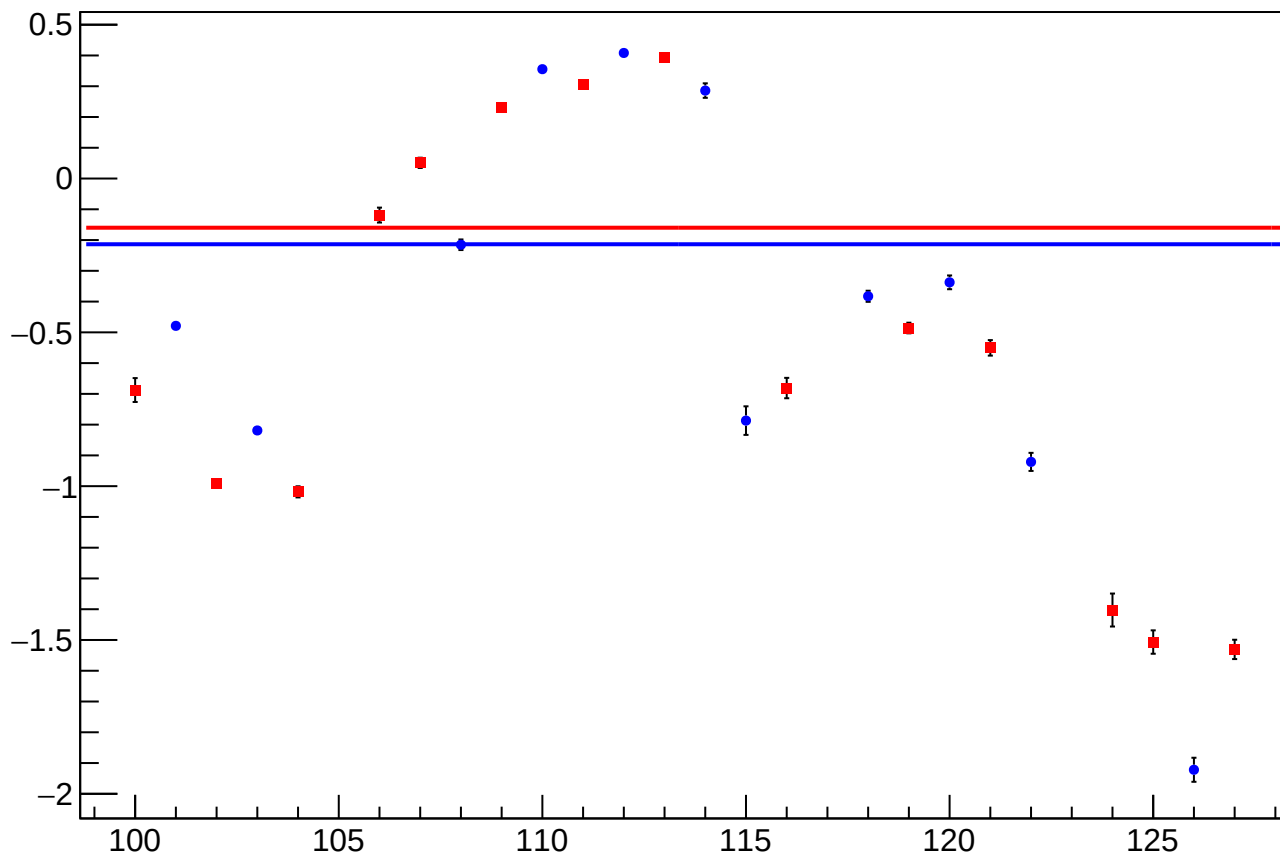
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.318+/-0.057 χ^2/NDF : 2197.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: -0.214 ± 0.005 $\chi^2/\text{NDF}: 9287.0/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.160 ± 0.005 $\chi^2/\text{NDF}: 14975.8/13$

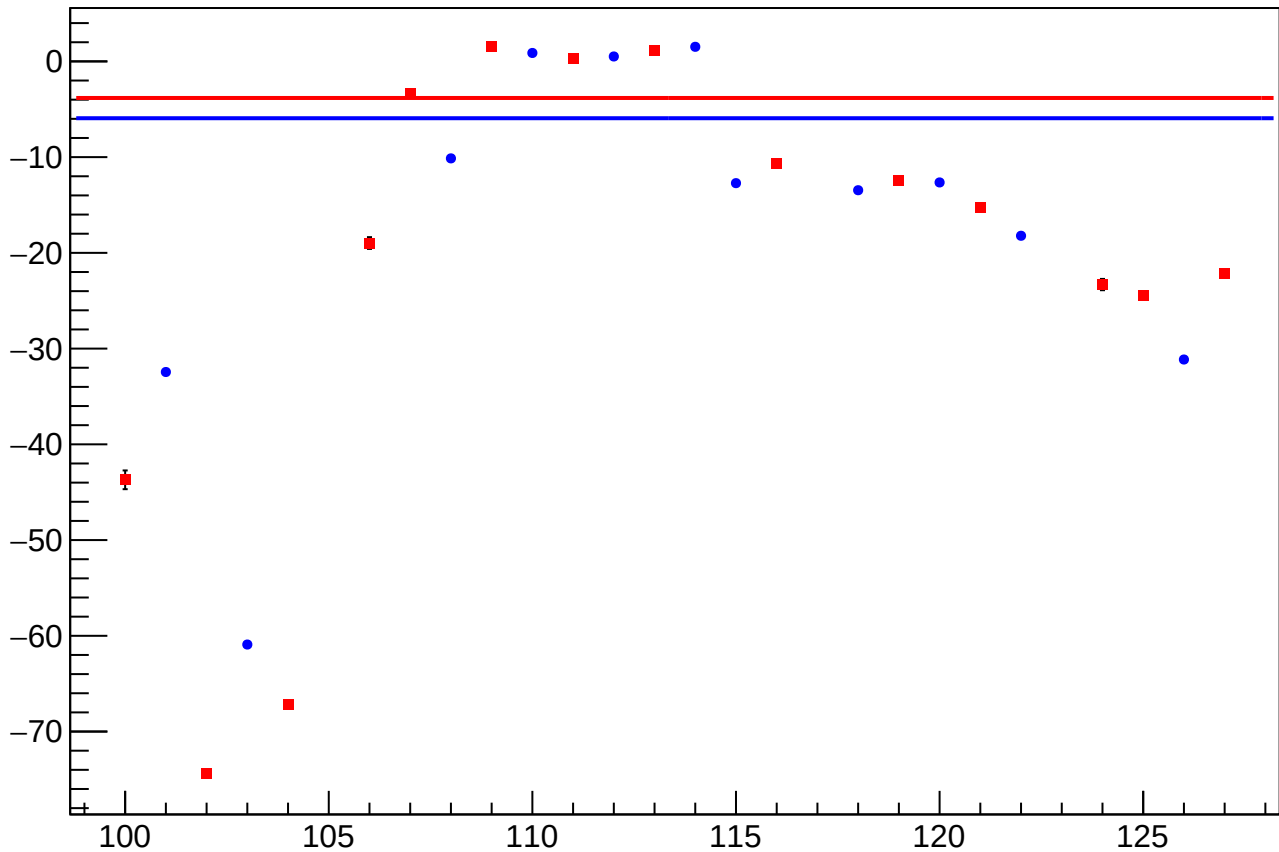
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.183 ± 0.004 $\chi^2/\text{NDF}: 24318.0/24$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



Right In: -5.936 $\pm$ 0.065 χ^2 /NDF: 37700.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.821 $\pm$ 0.052 χ^2 /NDF: 59848.1/13

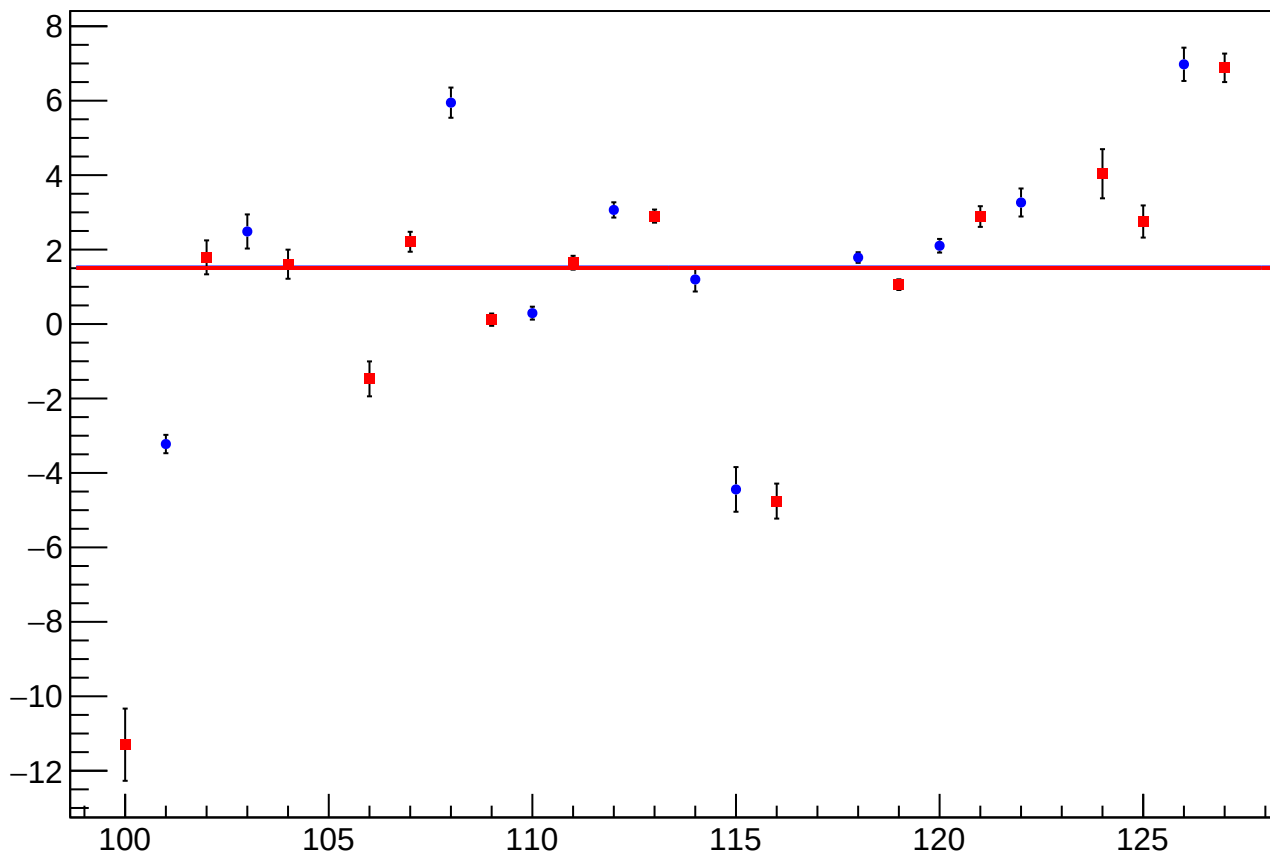
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -4.642 $\pm$ 0.041 χ^2 /NDF: 98189.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.518 $\pm$ 0.073 χ^2 /NDF: 884.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.505 $\pm$ 0.069 χ^2 /NDF: 788.4/13

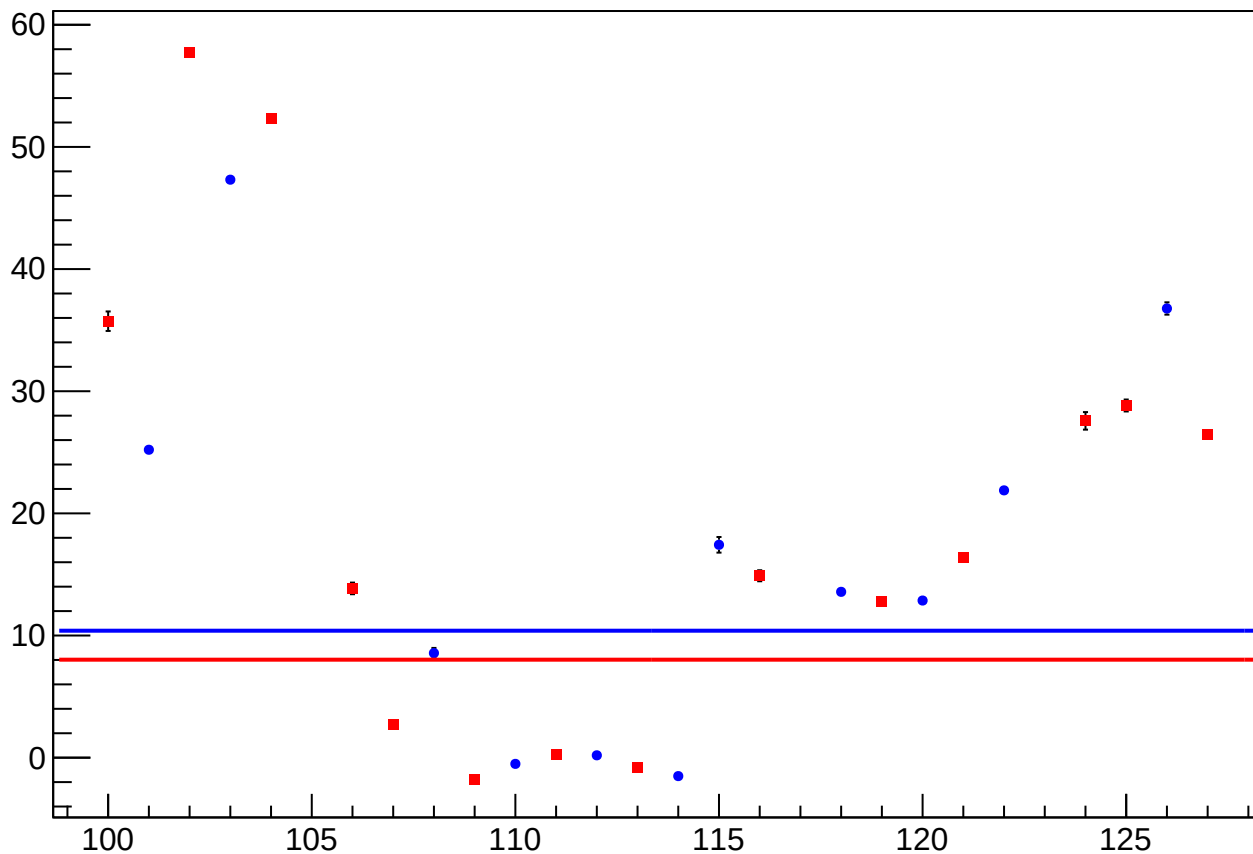
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.512 $\pm$ 0.050 χ^2 /NDF: 1672.9/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: 10.394+/-0.081 χ^2/NDF : 28399.8/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.022+/-0.070 χ^2/NDF : 50113.0/13

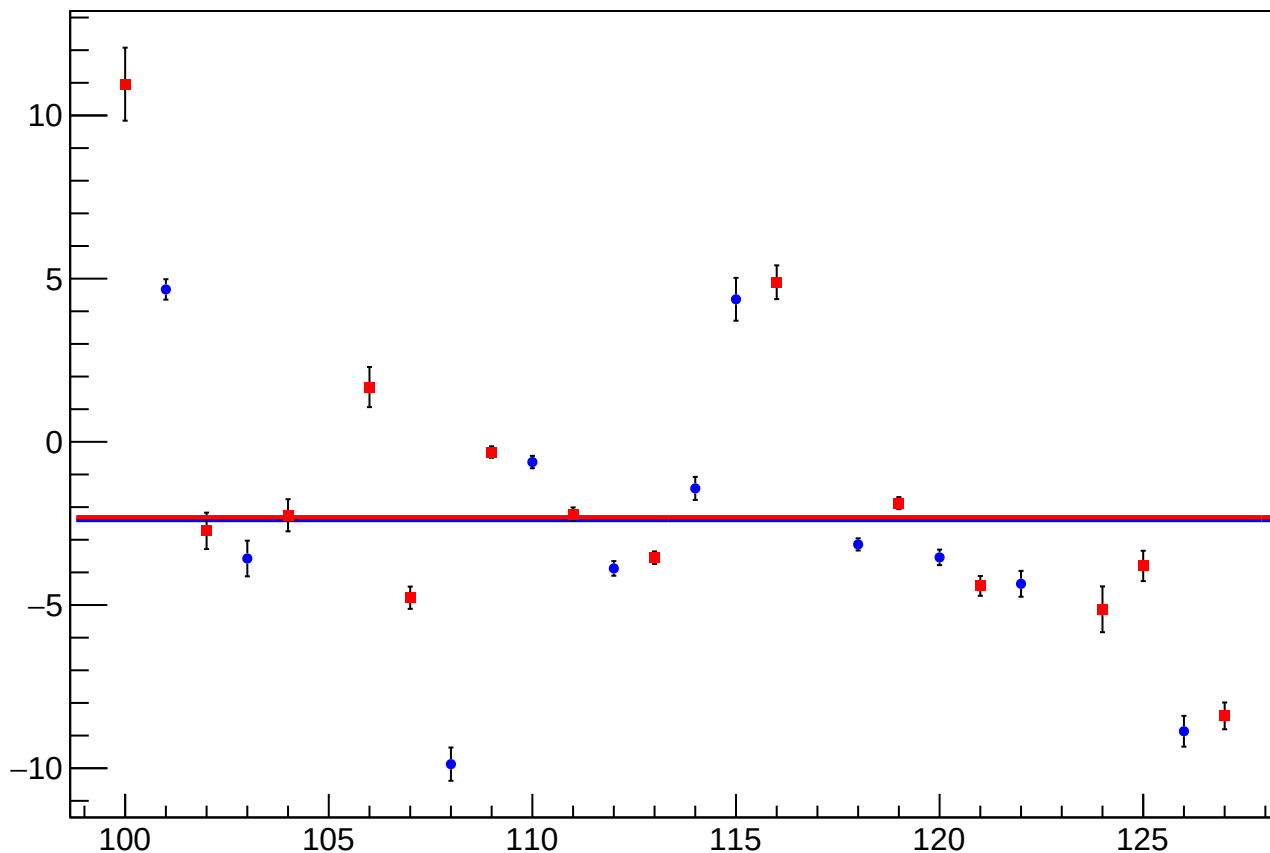
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.035+/-0.053 χ^2/NDF : 79006.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -2.401 ± 0.087 $\chi^2/\text{NDF}: 1224.9/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -2.304 ± 0.079 $\chi^2/\text{NDF}: 901.7/13$

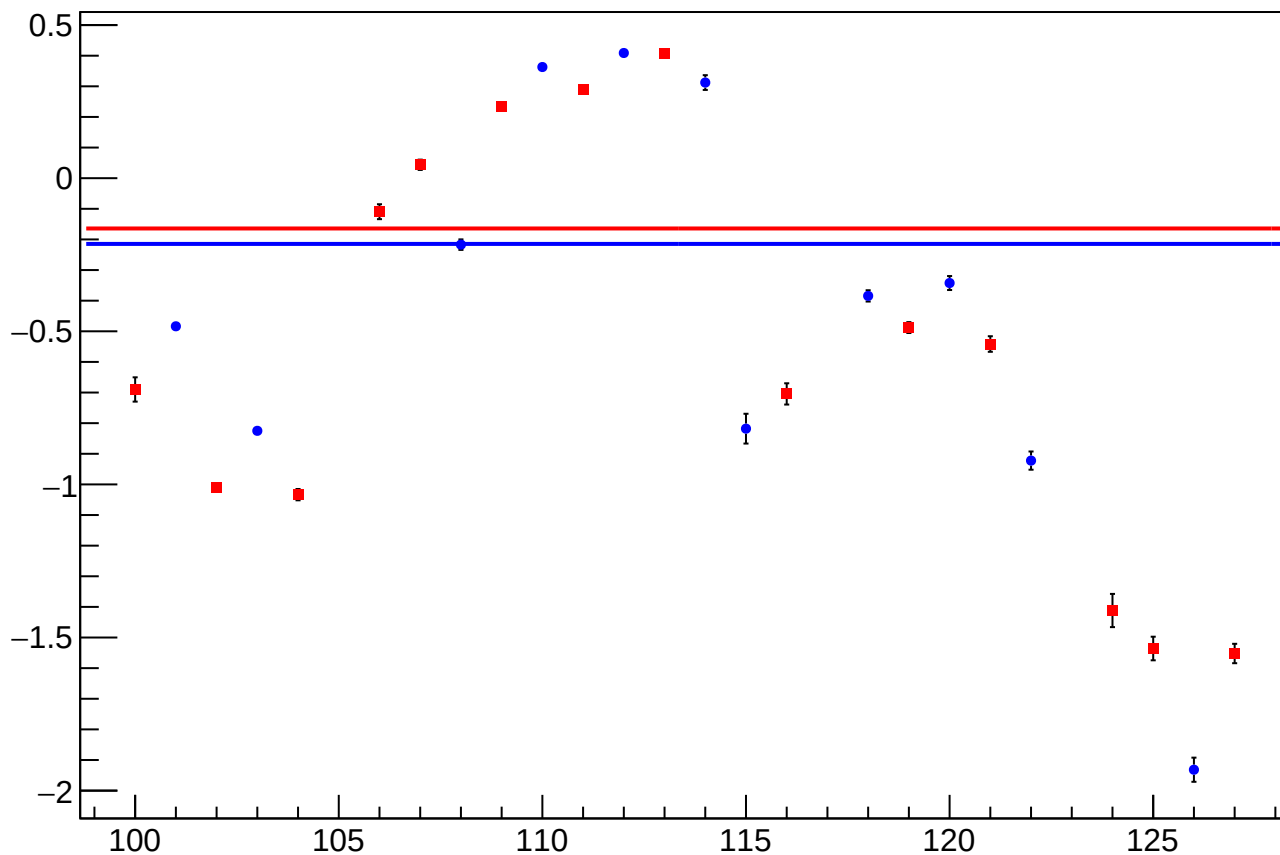
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -2.348 ± 0.058 $\chi^2/\text{NDF}: 2127.3/24$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: -0.215 ± 0.006 $\chi^2/\text{NDF}: 9147.4/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.164 ± 0.005 $\chi^2/\text{NDF}: 14763.1/13$

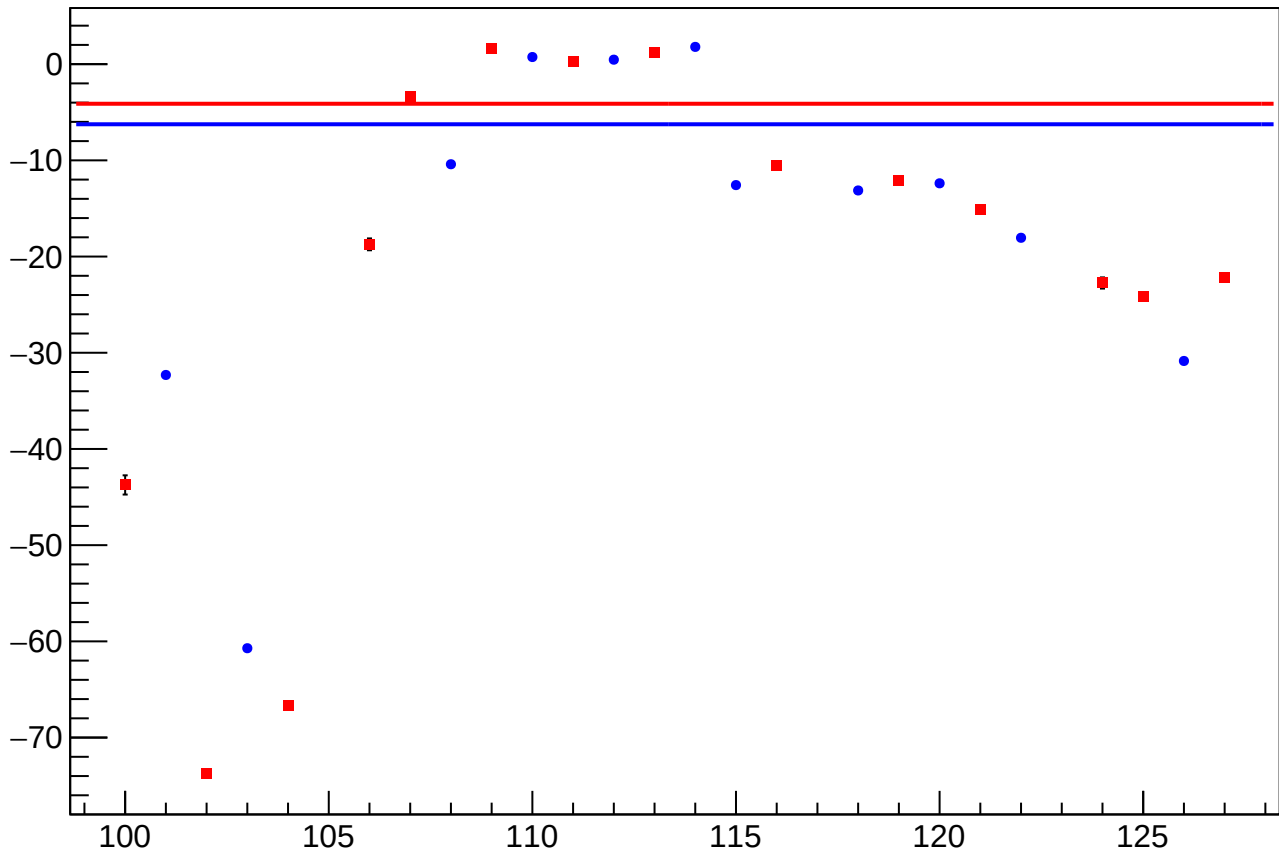
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.186 ± 0.004 $\chi^2/\text{NDF}: 23957.2/24$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



Right In: -6.249+/-0.067 χ^2/NDF : 36608.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.117+/-0.054 χ^2/NDF : 58406.6/13

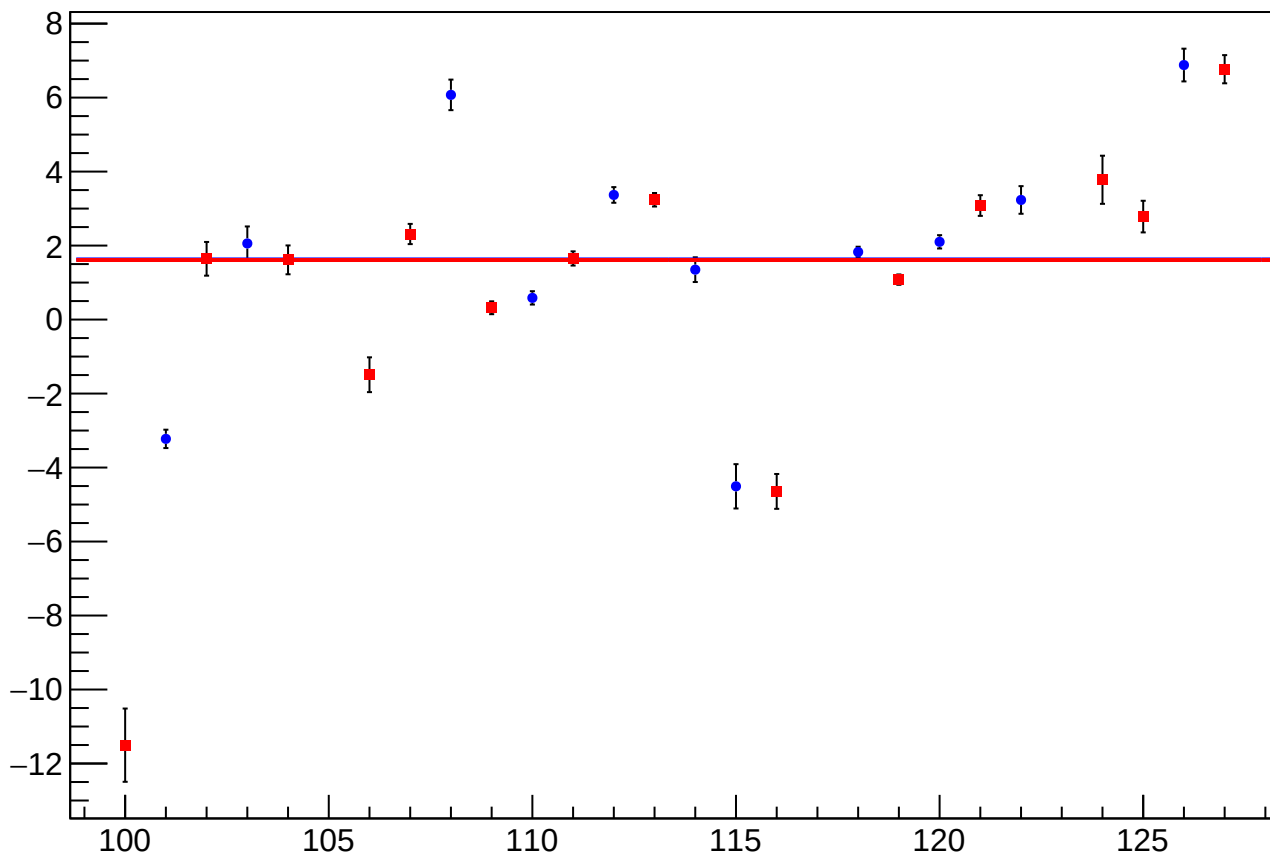
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.952+/-0.042 χ^2/NDF : 95633.6/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.625 $\pm$ 0.074 χ^2 /NDF: 873.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.610 $\pm$ 0.070 χ^2 /NDF: 780.7/13

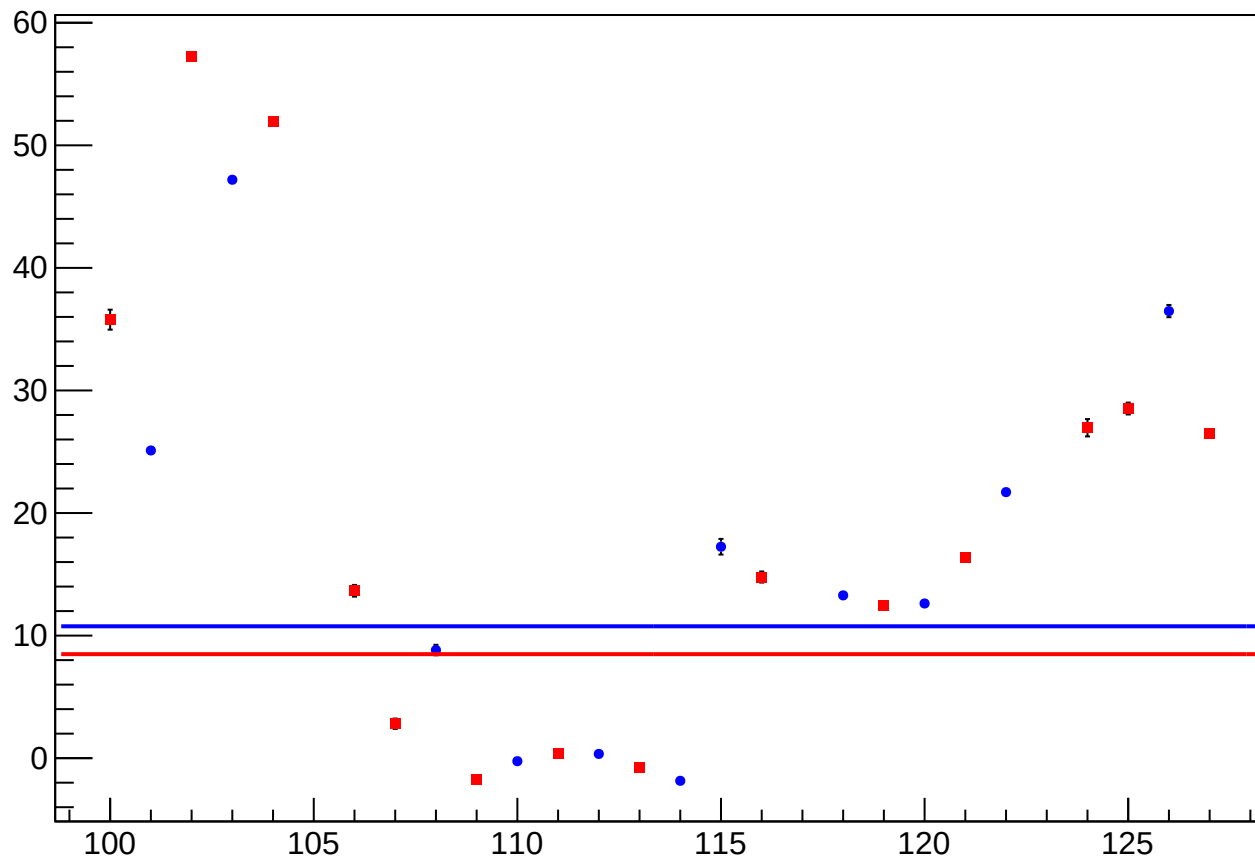
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.617 $\pm$ 0.051 χ^2 /NDF: 1654.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: 10.760 $\pm$ 0.082 χ^2 /NDF: 27265.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8.486 $\pm$ 0.071 χ^2 /NDF: 48384.9/13

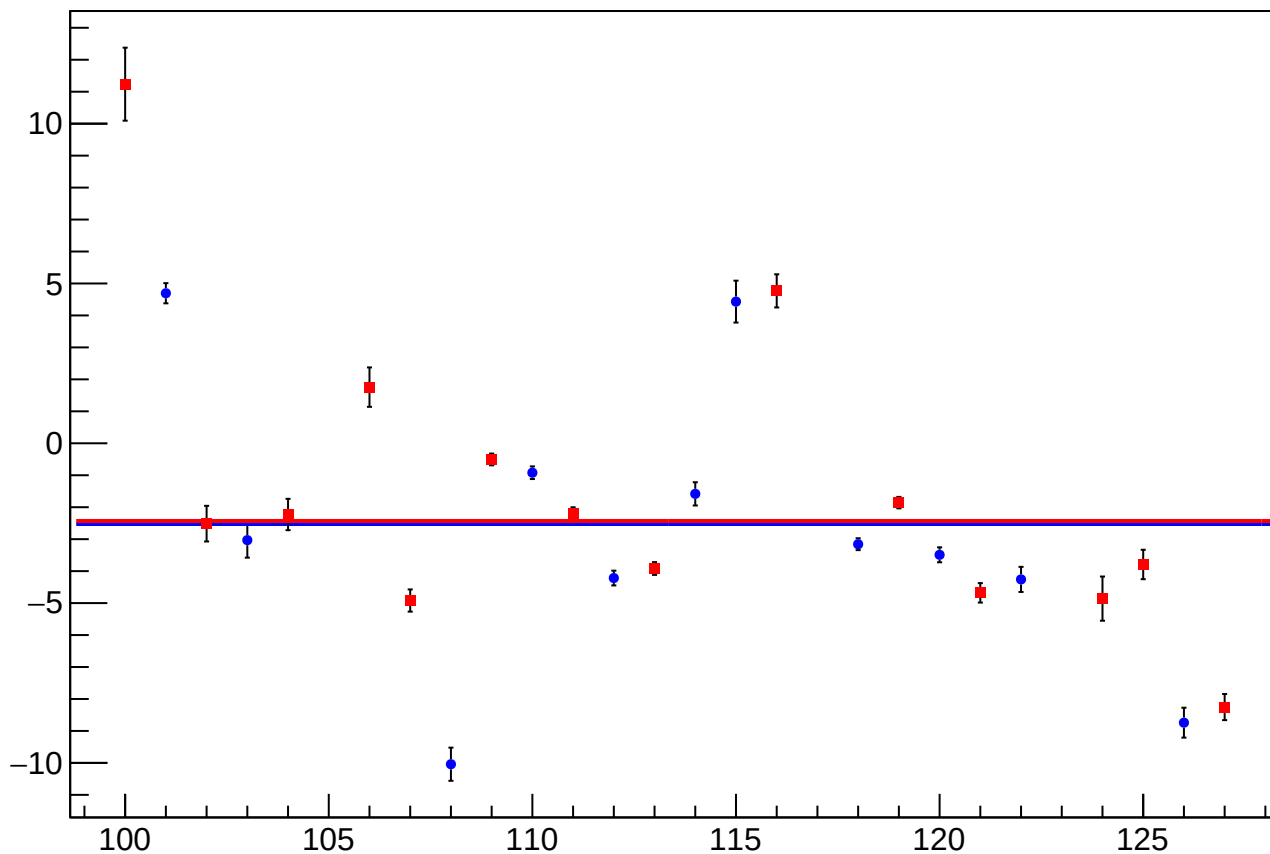
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.465 $\pm$ 0.054 χ^2 /NDF: 76087.2/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -2.525 ± 0.088 χ^2/NDF : 1198.4/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.431 ± 0.080 χ^2/NDF : 888.5/13

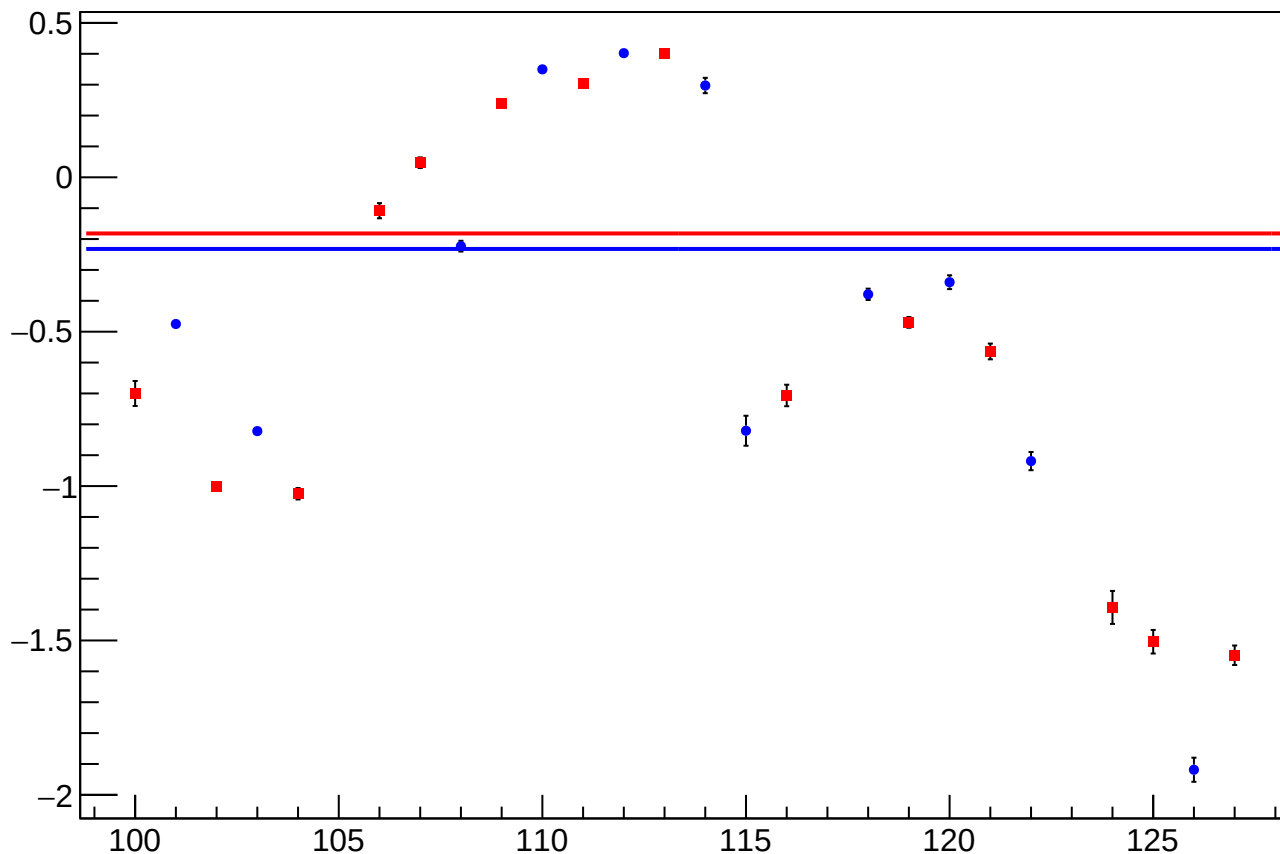
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.474 ± 0.059 χ^2/NDF : 2087.5/24

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: -0.232 ± 0.006 $\chi^2/\text{NDF}: 8677.3/10$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.182 ± 0.005 $\chi^2/\text{NDF}: 14306.0/13$

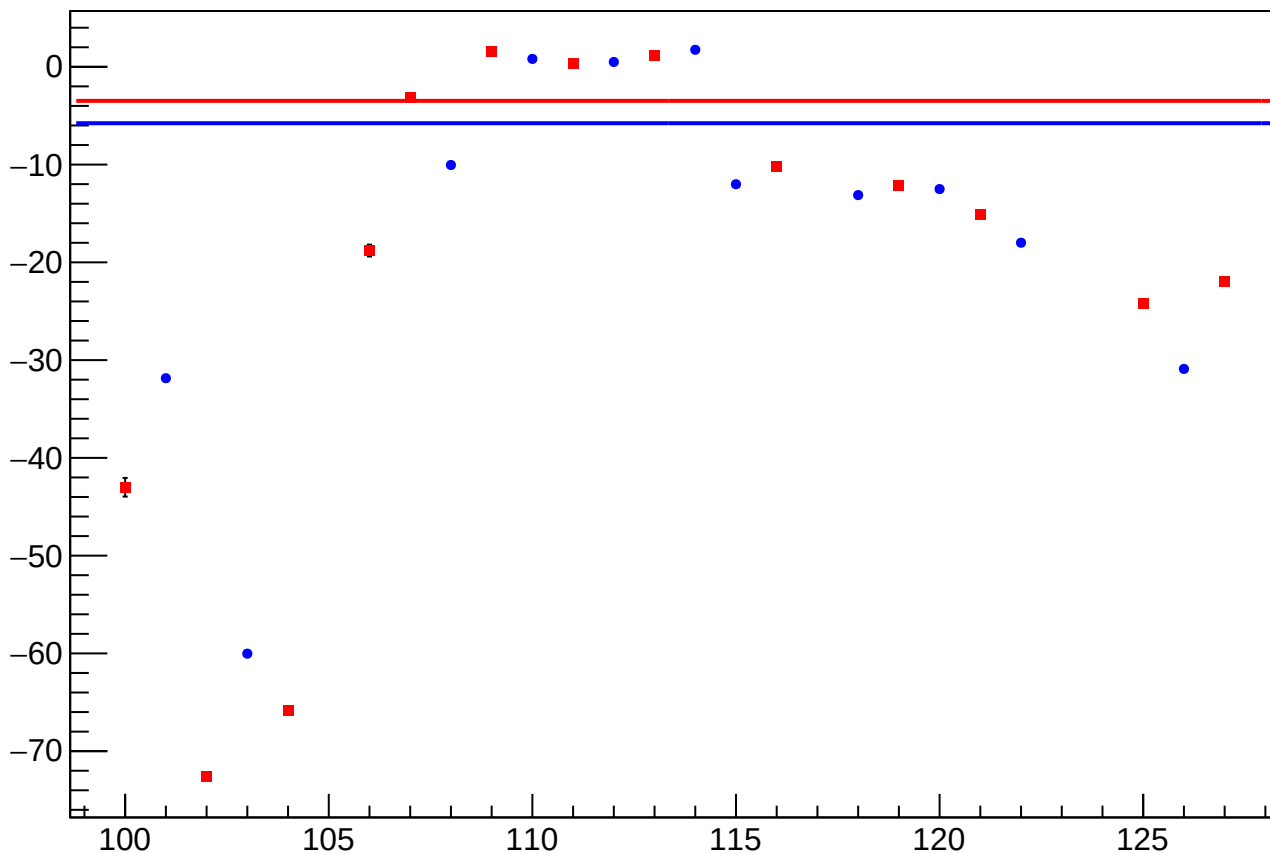
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.204 ± 0.004 $\chi^2/\text{NDF}: 23028.1/24$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm1X_slope vs Slug



Right In: -5.768+/-0.064 χ^2/NDF : 38292.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.482+/-0.051 χ^2/NDF : 59397.7/12

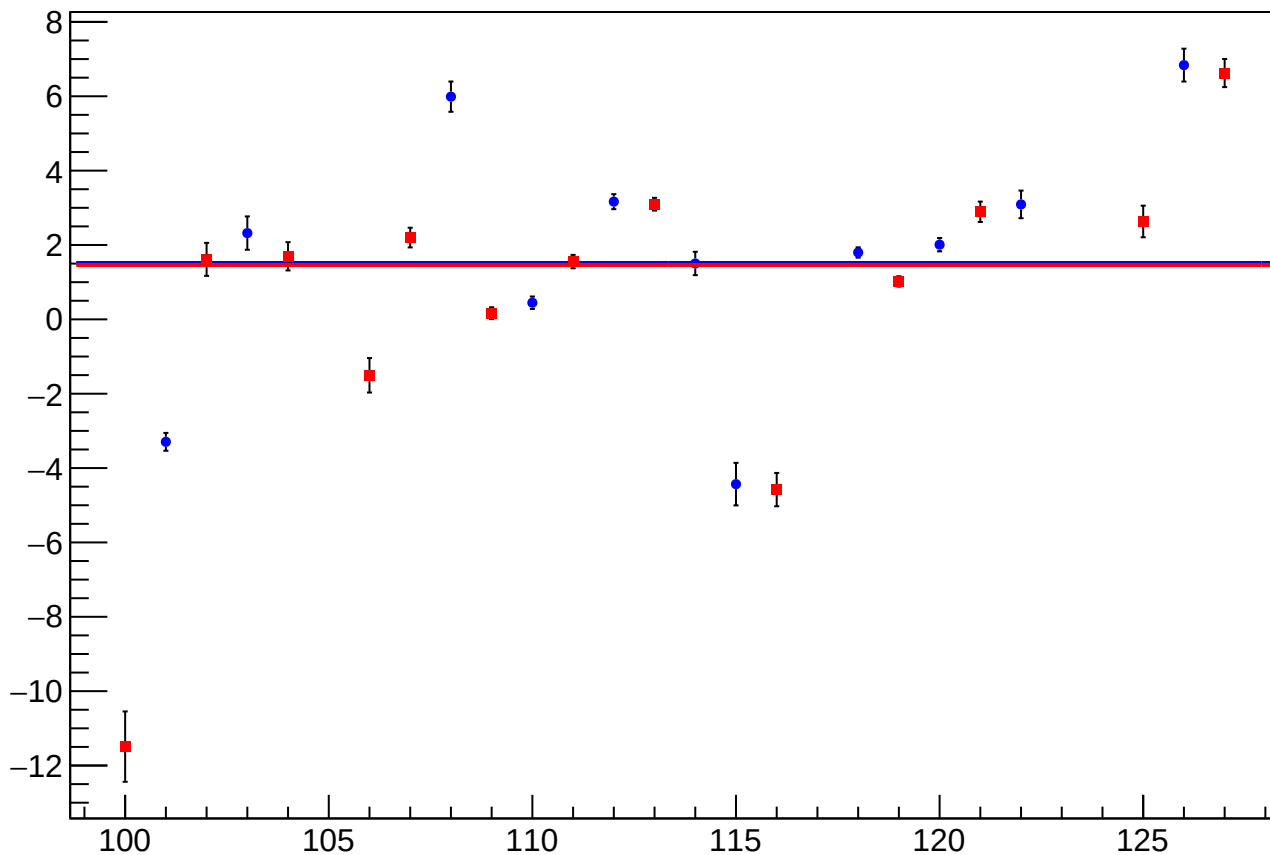
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.368+/-0.040 χ^2/NDF : 98479.6/23

- 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: 1.516 $\pm$ 0.071 χ^2 /NDF: 916.3/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.463 $\pm$ 0.068 χ^2 /NDF: 806.9/12

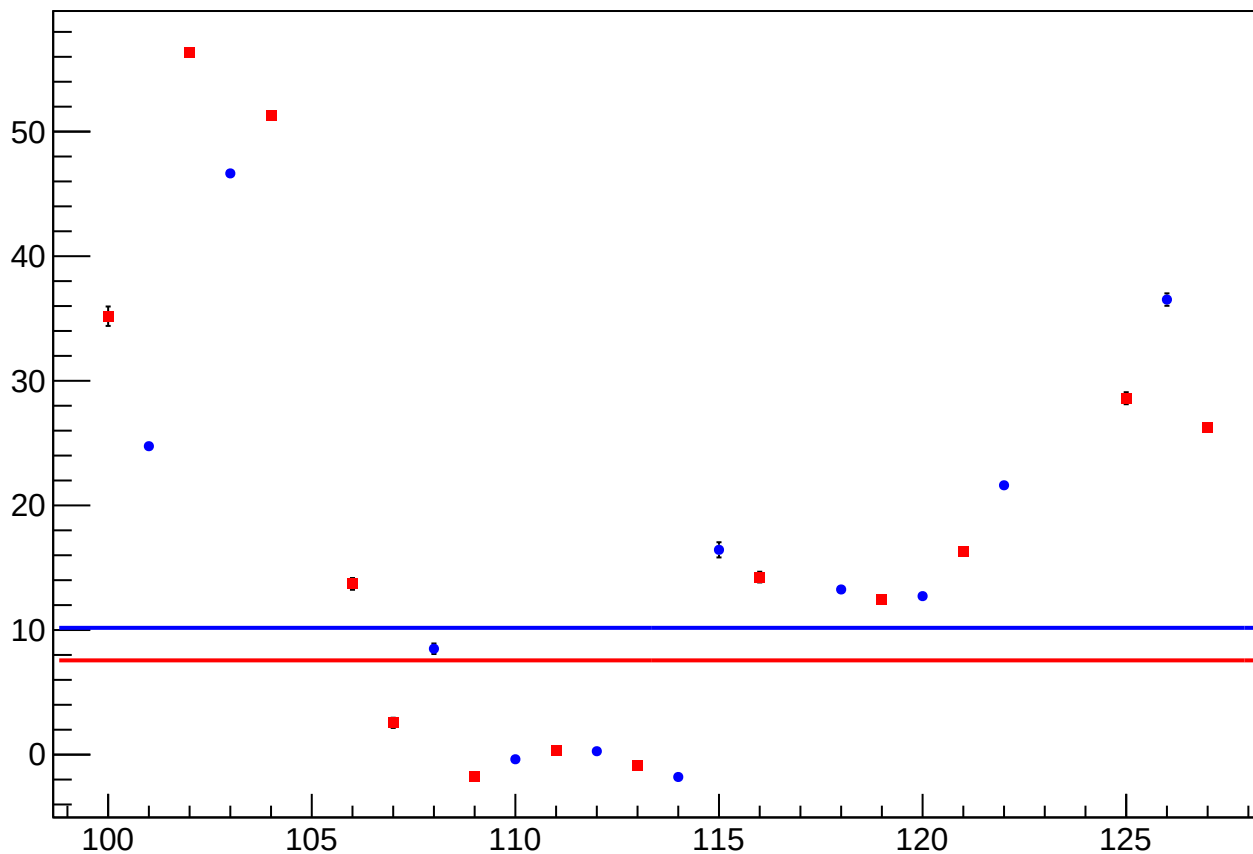
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.488 $\pm$ 0.049 χ^2 /NDF: 1723.5/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 10.176+/-0.079 χ^2/NDF : 28830.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.564+/-0.068 χ^2/NDF : 49965.9/12

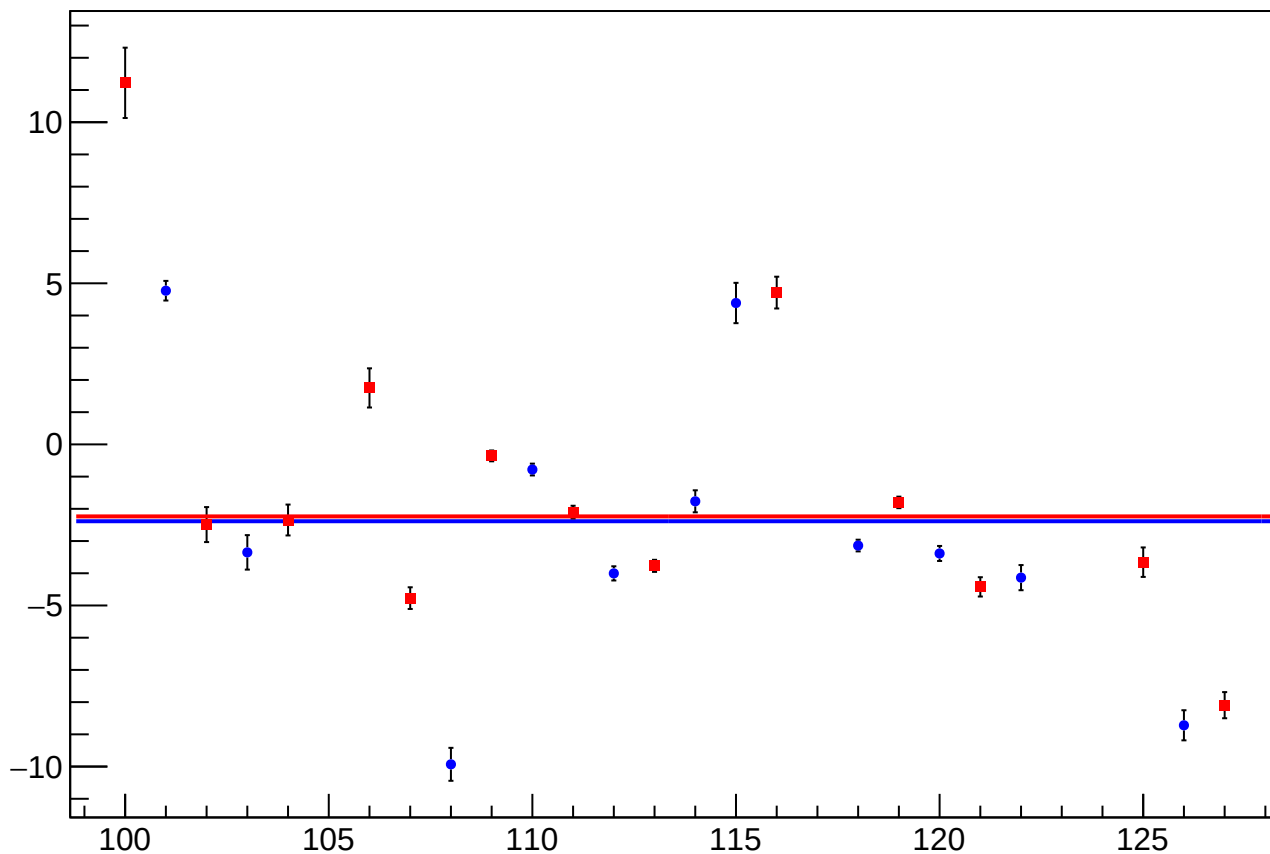
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.680+/-0.051 χ^2/NDF : 79425.7/23

- 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: -2.385+/-0.085 χ^2 /NDF: 1262.7/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2.235+/-0.077 χ^2 /NDF: 919.8/12

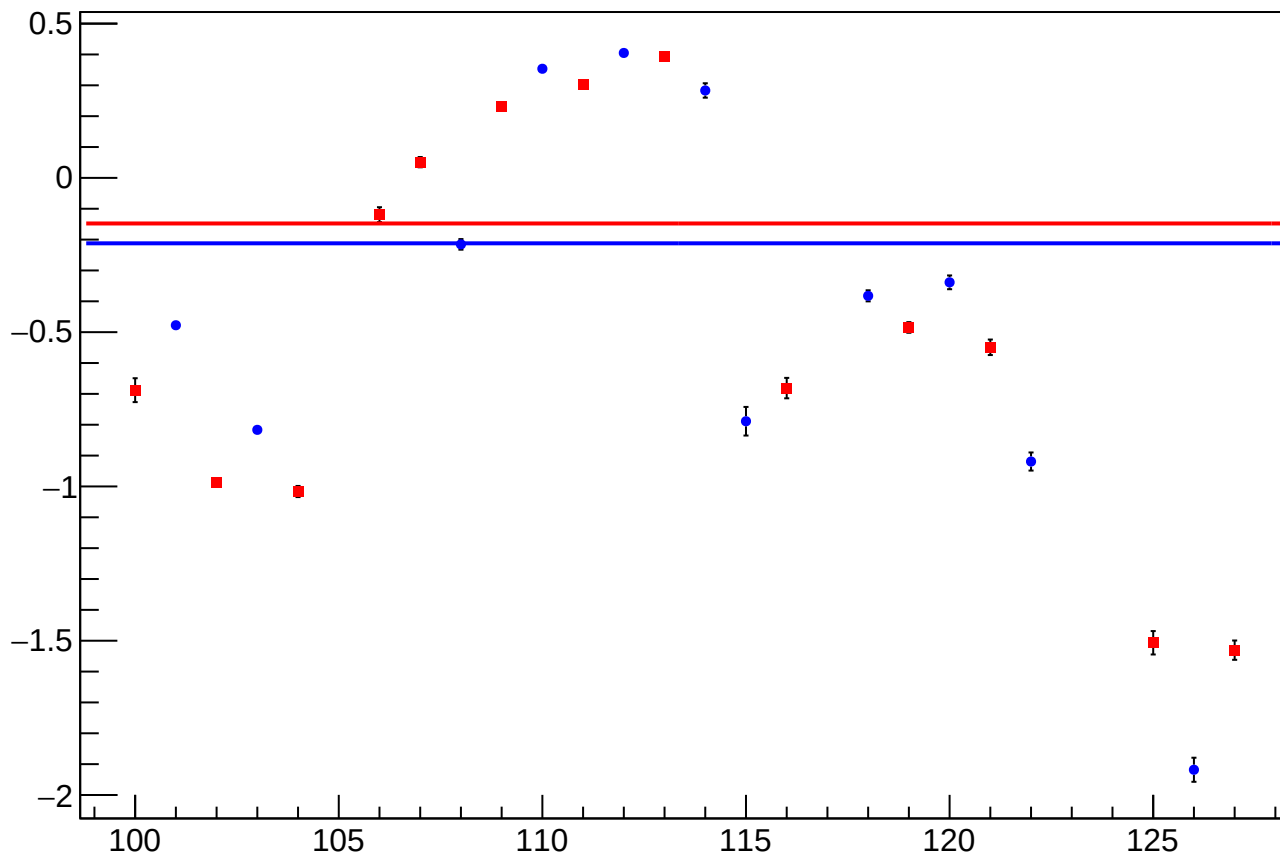
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -2.303+/-0.057 χ^2 /NDF: 2184.2/23

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.212 ± 0.005 χ^2/NDF : 9303.8/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.148 ± 0.005 χ^2/NDF : 14497.8/12

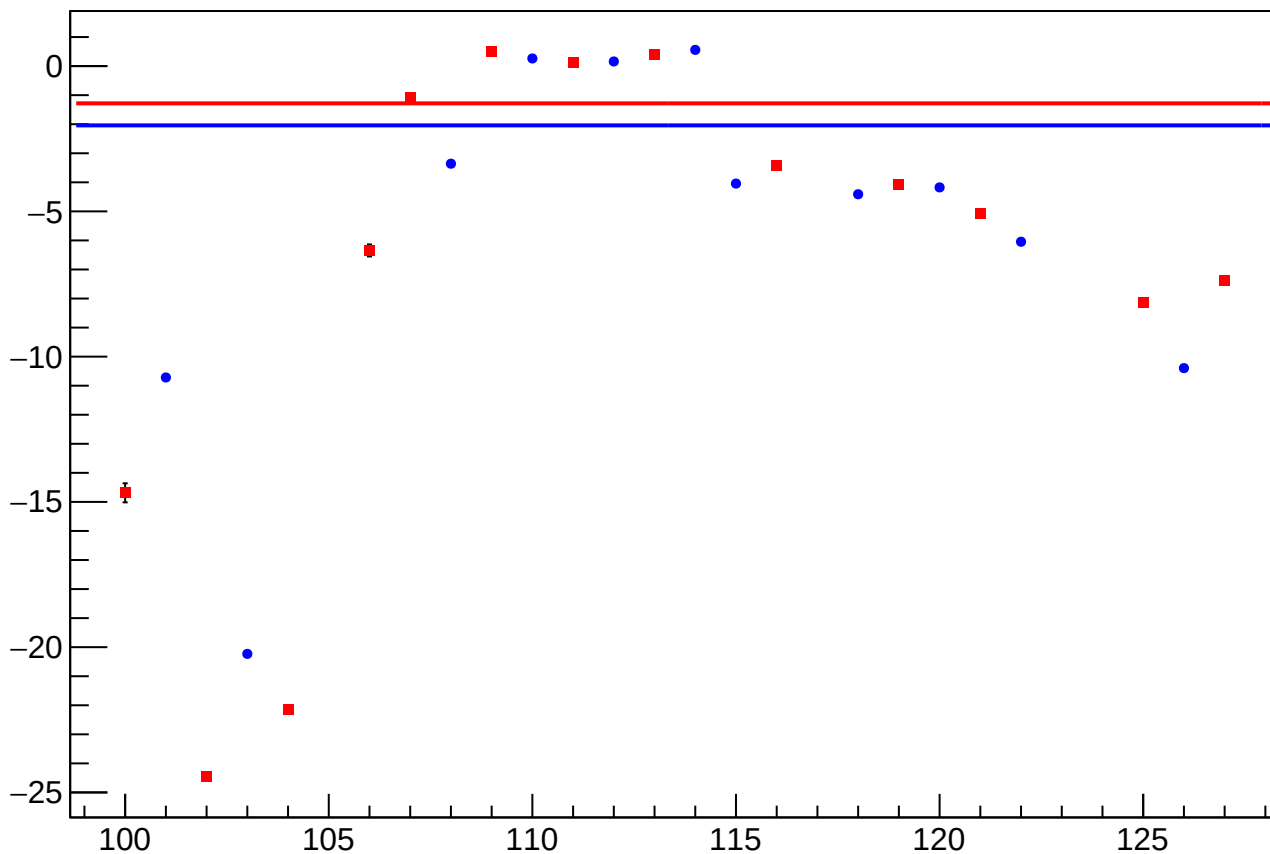
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.176 ± 0.004 χ^2/NDF : 23881.2/23

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm1X_slope vs Slug



Right In: -2.040 ± 0.022 χ^2/NDF : 37332.9/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.282 ± 0.018 χ^2/NDF : 58092.4/12

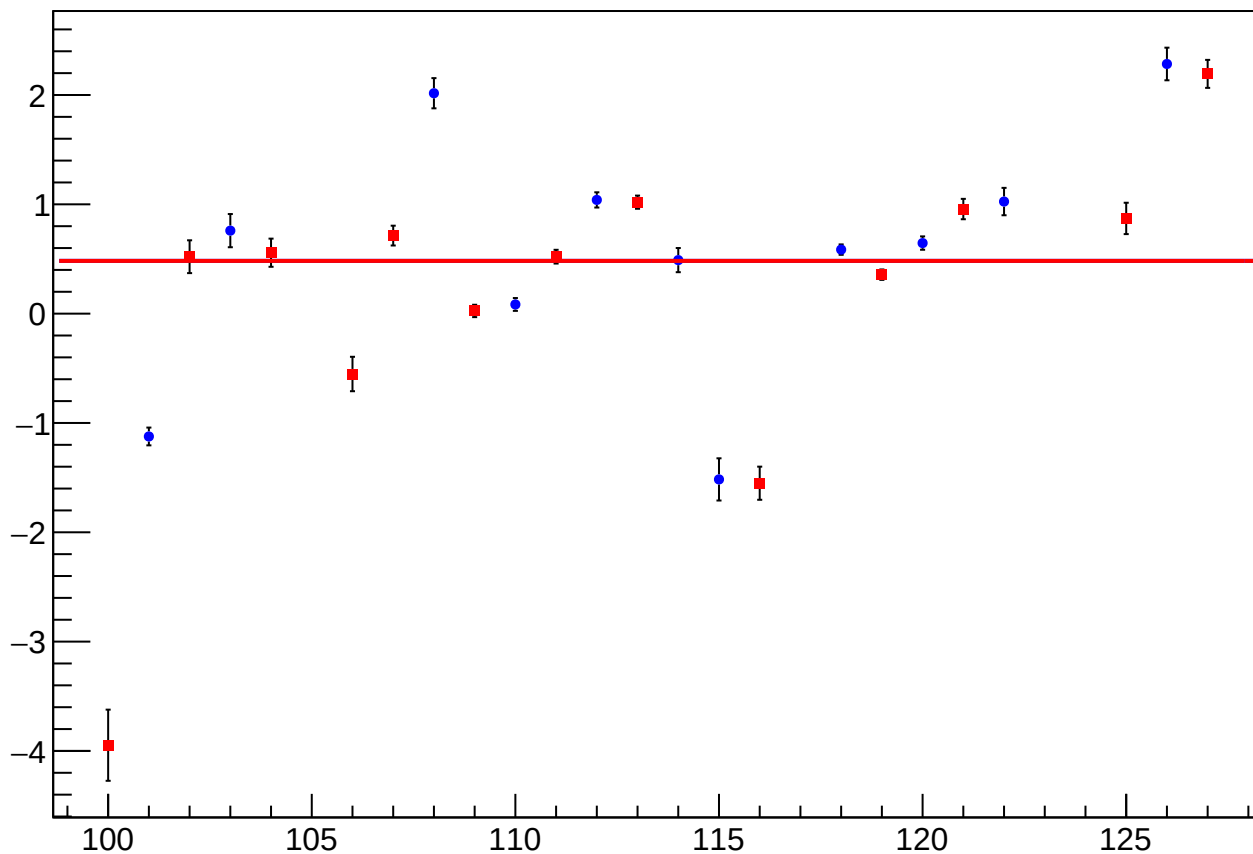
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.580 ± 0.014 χ^2/NDF : 96145.4/23

- 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: 0.483 $\pm$ 0.024 χ^2 /NDF: 910.4/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.482 $\pm$ 0.023 χ^2 /NDF: 779.7/12

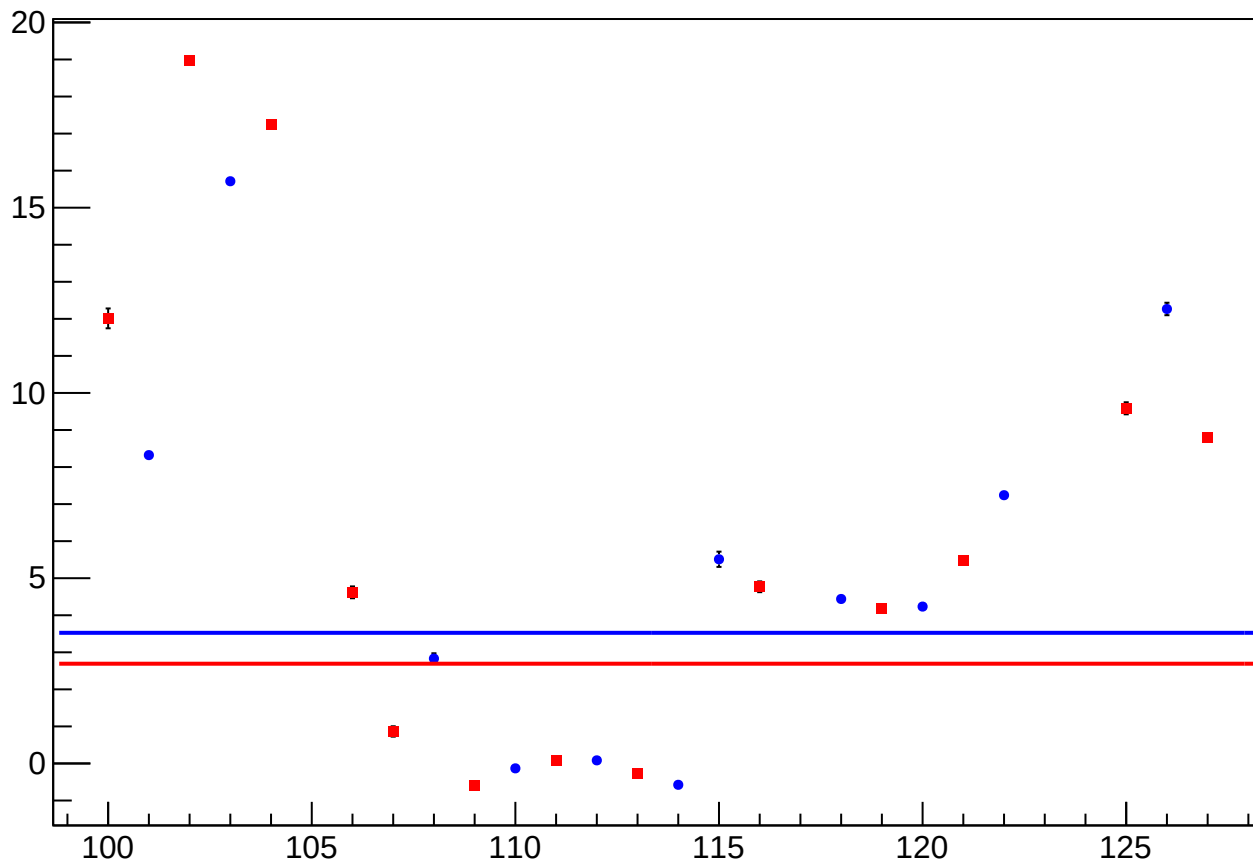
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.483 $\pm$ 0.017 χ^2 /NDF: 1690.0/23

- 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: 3.526+/-0.027 χ^2/NDF : 27933.6/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.692+/-0.024 χ^2/NDF : 48548.9/12

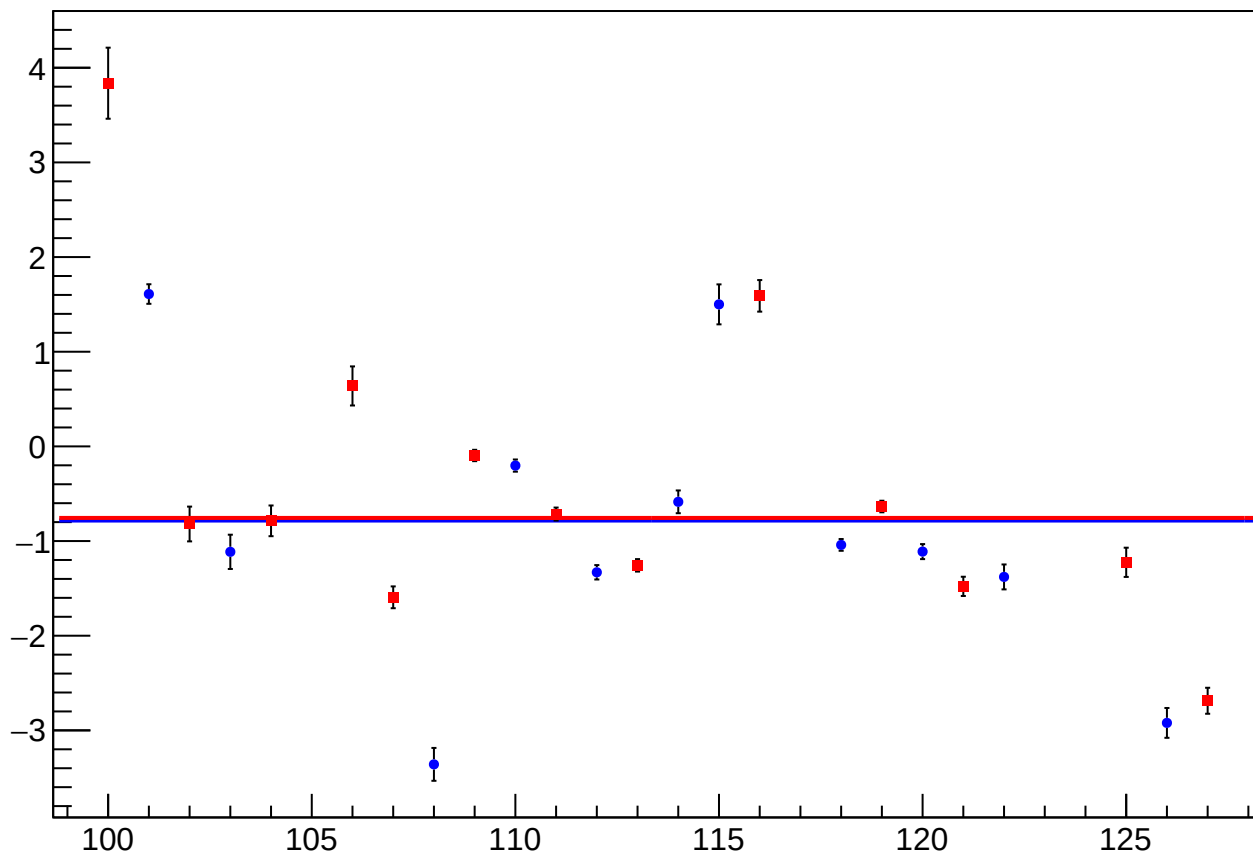
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.053+/-0.018 χ^2/NDF : 77018.6/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.783+/-0.029 χ^2/NDF : 1251.4/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.756+/-0.027 χ^2/NDF : 887.1/12

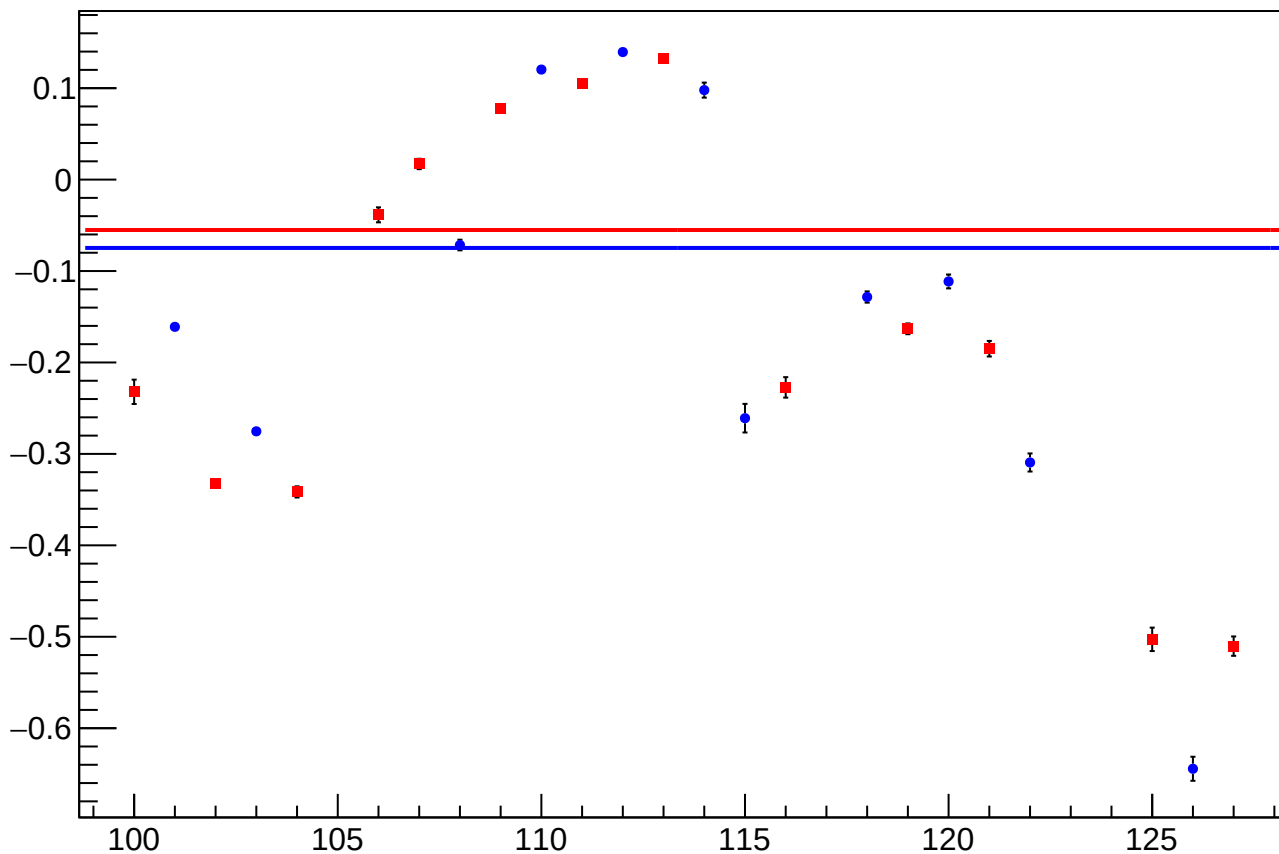
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.768+/-0.020 χ^2/NDF : 2139.1/23

- 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: -0.075 ± 0.002 χ^2/NDF : 9053.0/10

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.055 ± 0.002 χ^2/NDF : 13951.0/12

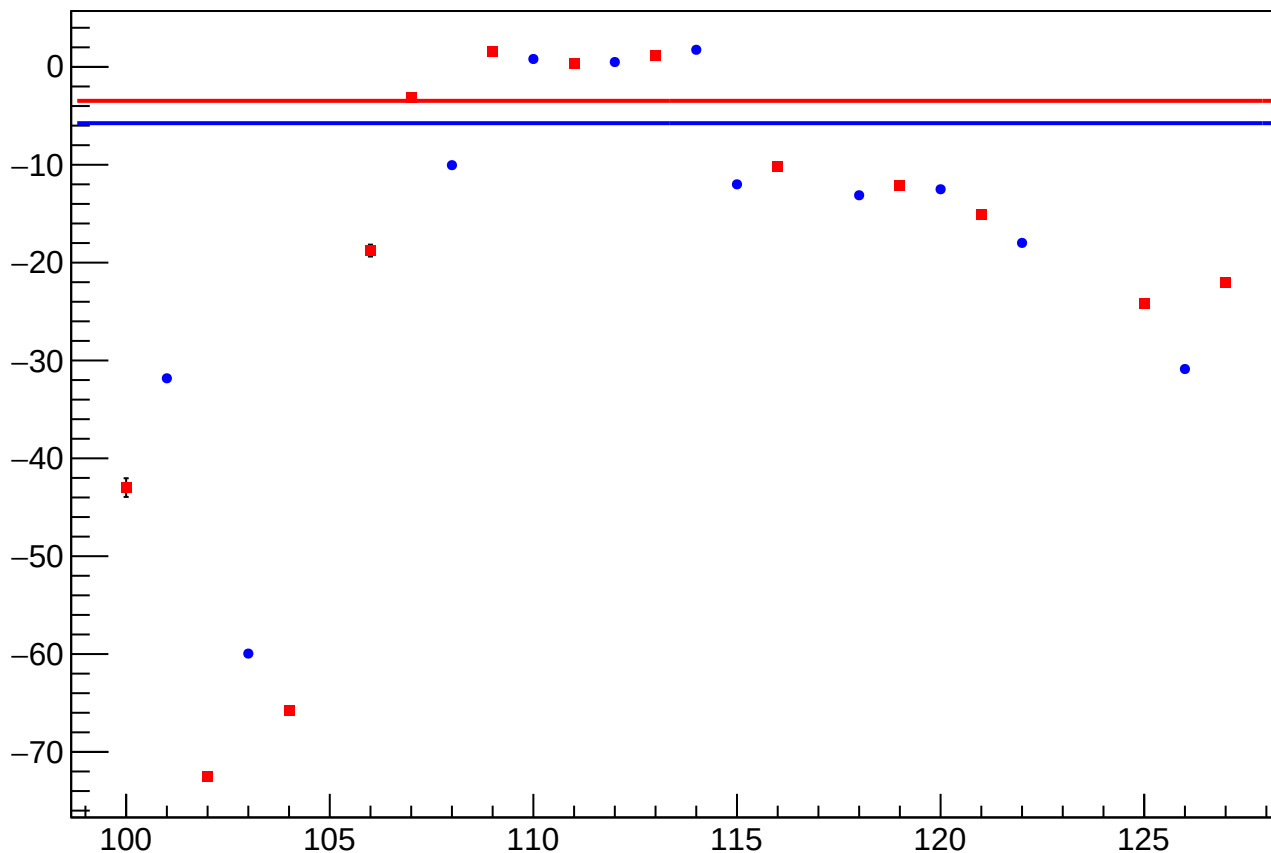
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.064 ± 0.001 χ^2/NDF : 23066.4/23

- 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: -5.749+/-0.064 χ^2 /NDF: 38313.2/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -3.467+/-0.051 χ^2 /NDF: 59426.2/12

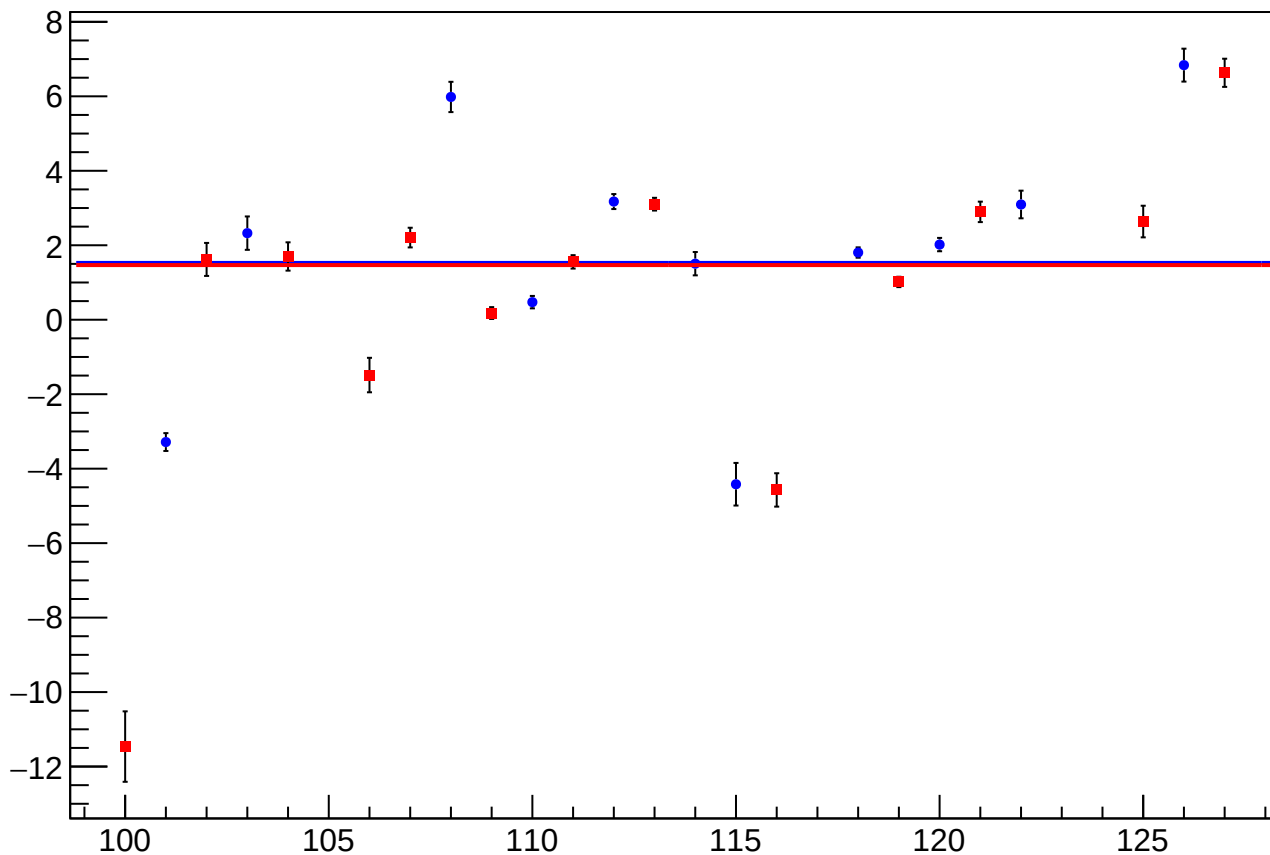
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -4.351+/-0.040 χ^2 /NDF: 98529.6/23

- 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: 1.526 $\pm$ 0.071 χ^2 /NDF: 914.9/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.468 $\pm$ 0.067 χ^2 /NDF: 806.8/12

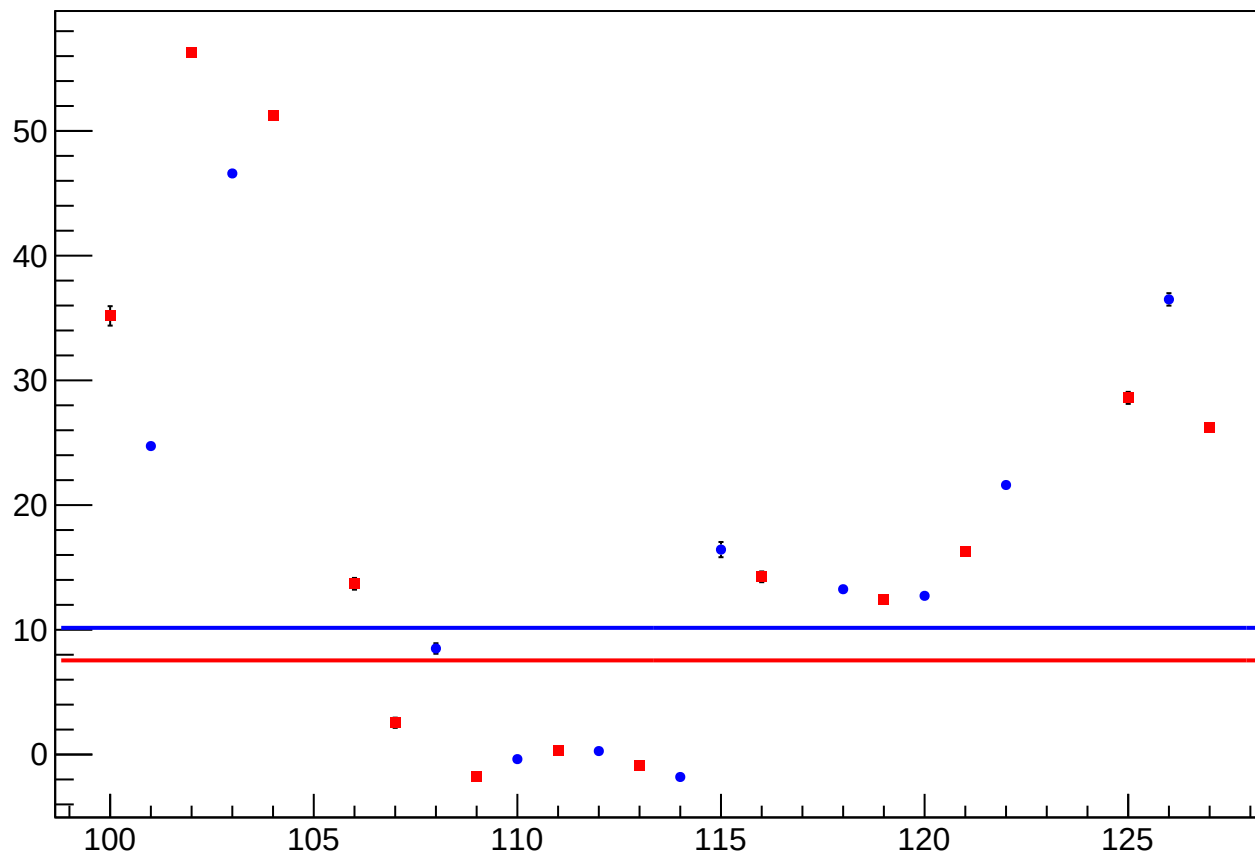
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.495 $\pm$ 0.049 χ^2 /NDF: 1722.0/23

- 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: 10.157+/-0.079 χ^2/NDF : 28851.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.546+/-0.068 χ^2/NDF : 49996.4/12

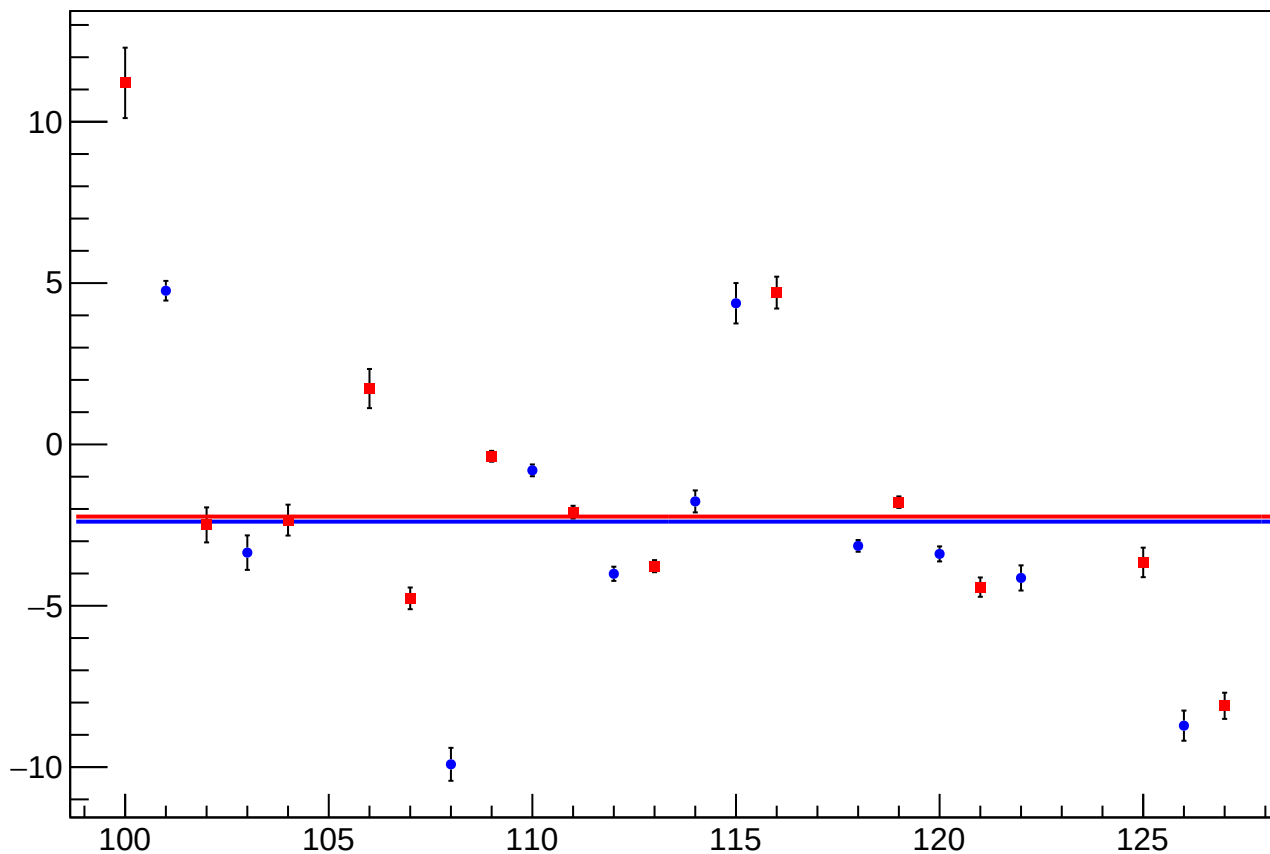
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.662+/-0.051 χ^2/NDF : 79479.0/23

- 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: -2.392 $\pm$ 0.085 χ^2 /NDF: 1261.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.236 $\pm$ 0.077 χ^2 /NDF: 919.7/12

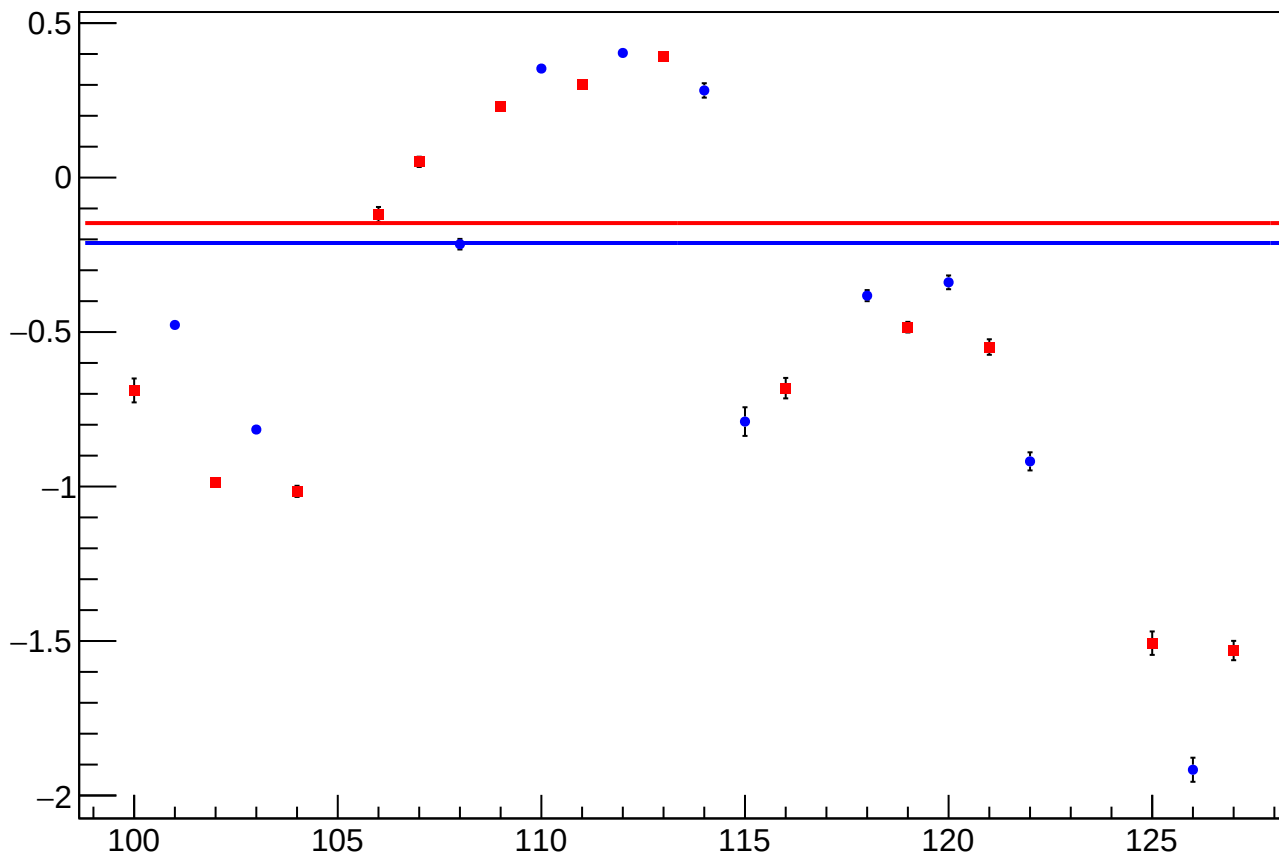
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2.307 $\pm$ 0.057 χ^2 /NDF: 2182.6/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_us_an_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.212+/-0.005 χ^2/NDF : 9299.7/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.147+/-0.005 χ^2/NDF : 14509.5/12

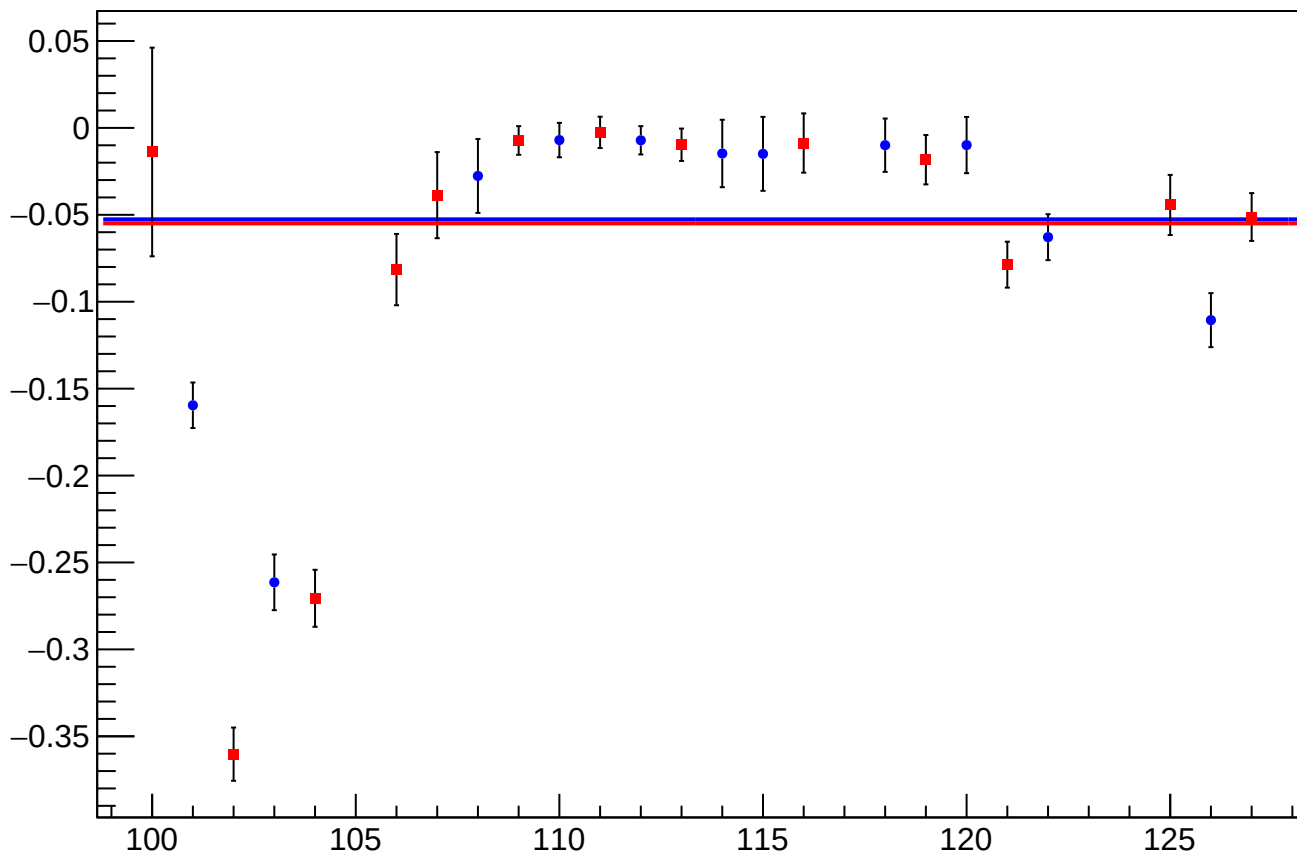
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.175+/-0.004 χ^2/NDF : 23889.3/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_an_ds_dd_diff_bpm1X_slope vs Slug



Right In: -0.053+/-0.004 χ^2 /NDF: 326.6/10

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.055+/-0.004 χ^2 /NDF: 681.8/12

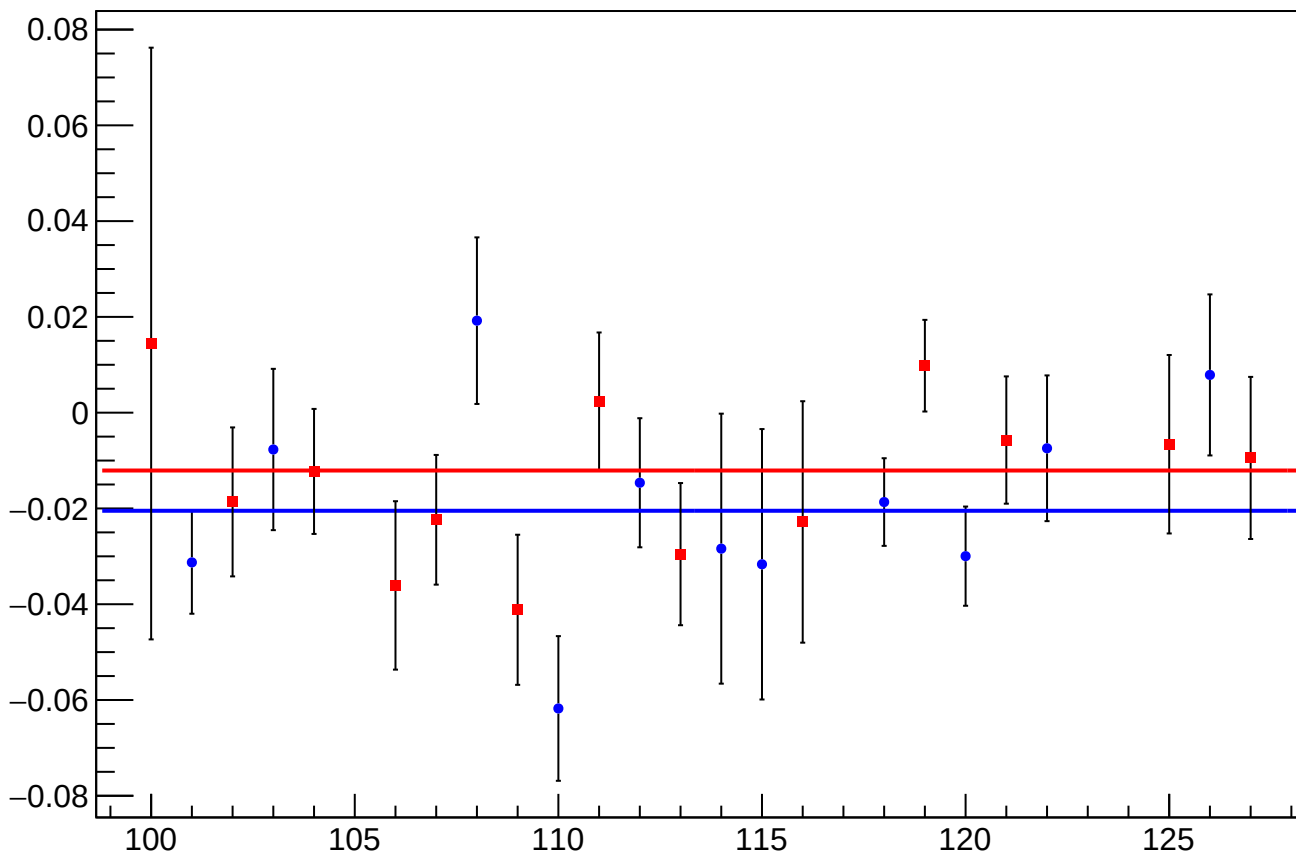
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.054+/-0.003 χ^2 /NDF: 1008.6/23

- 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: -0.020+/-0.004 χ^2/NDF : 19.1/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-0.004 χ^2/NDF : 14.4/12

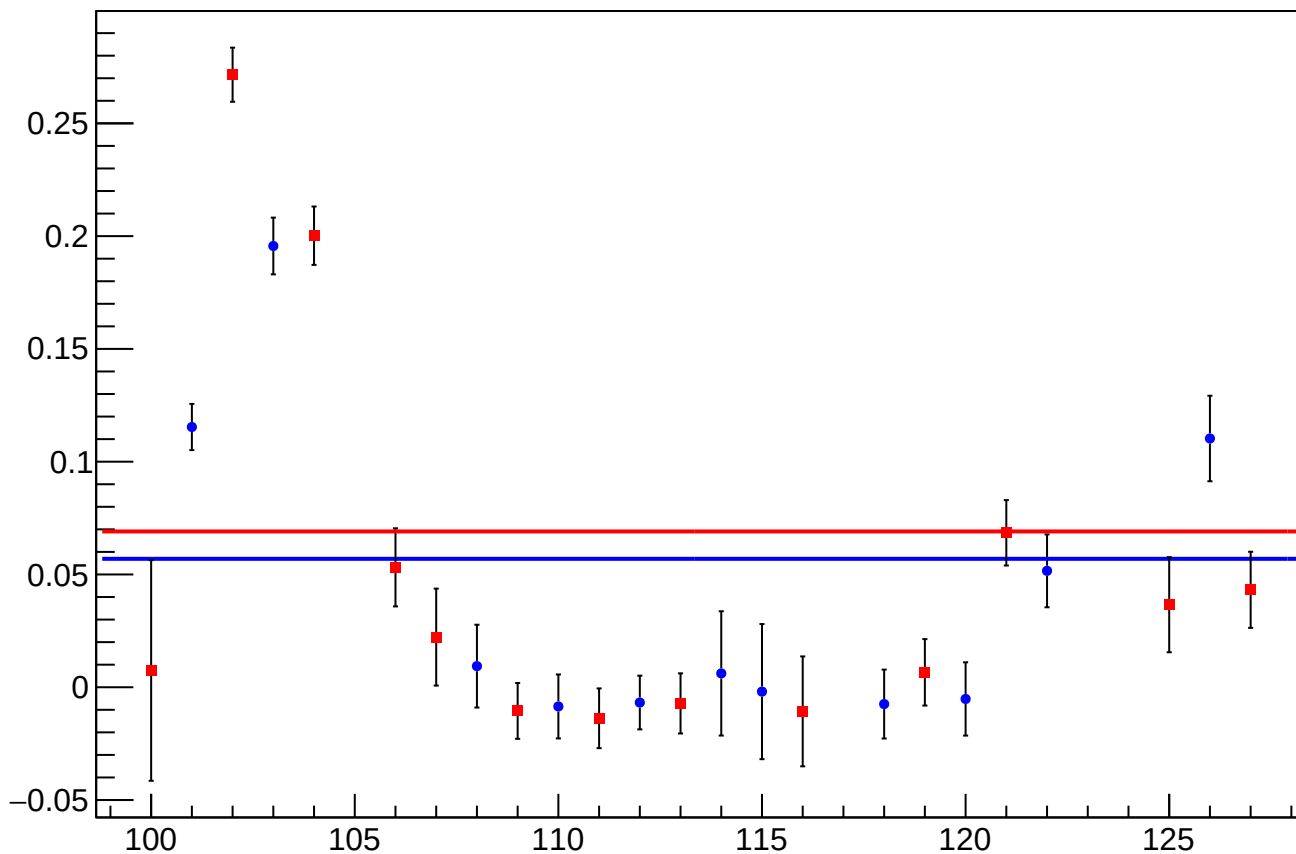
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.003 χ^2/NDF : 35.5/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.057+/-0.005 χ^2/NDF : 258.5/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.069+/-0.004 χ^2/NDF : 541.5/12

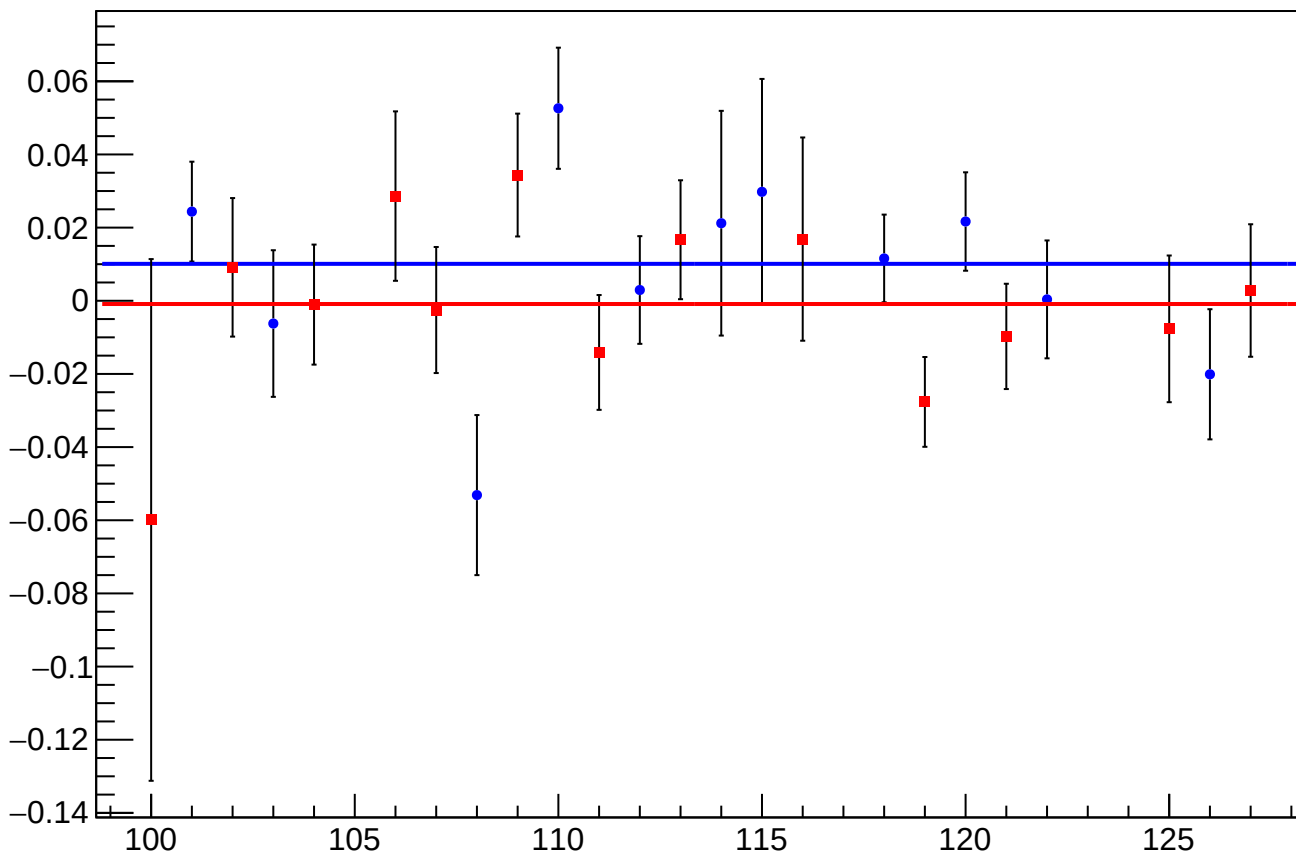
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.063+/-0.003 χ^2/NDF : 803.7/23

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eY_slope vs Slug



Right In: 0.010 $\pm$ 0.005 χ^2 /NDF: 21.5/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.001 $\pm$ 0.005 χ^2 /NDF: 14.6/12

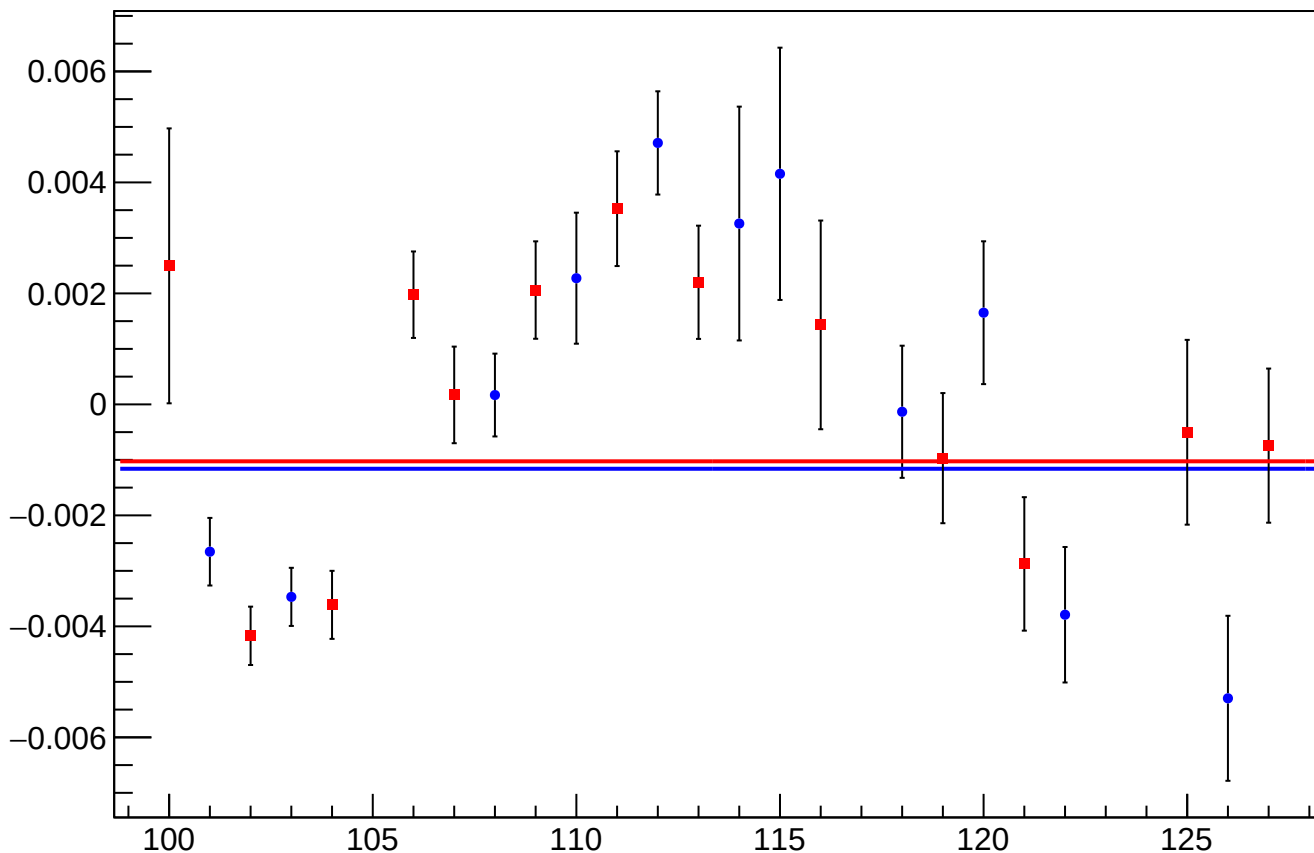
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.004 χ^2 /NDF: 38.5/23

- 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 $\pm$ 0.000 χ^2 /NDF: 104.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.001 $\pm$ 0.000 χ^2 /NDF: 118.3/12

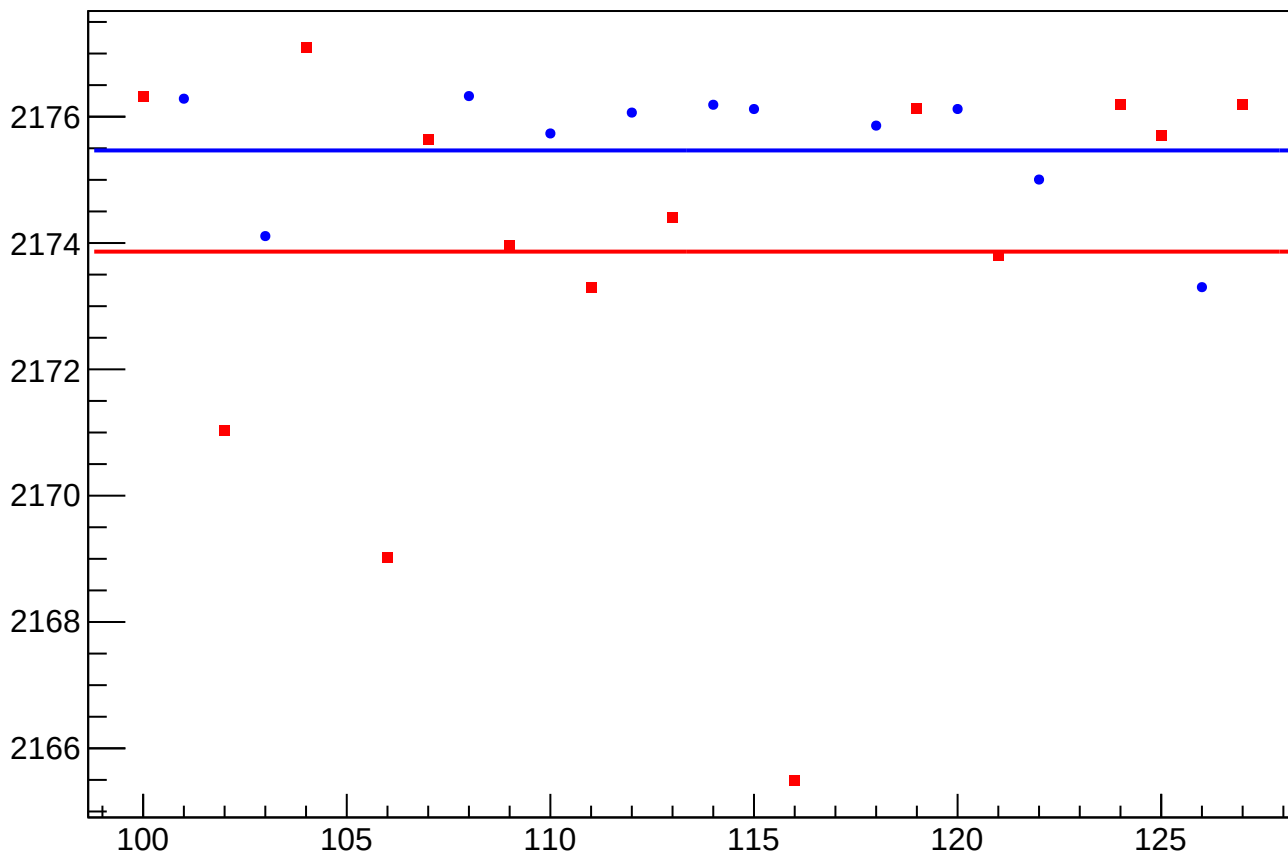
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.001 $\pm$ 0.000 χ^2 /NDF: 223.1/23

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

HALLA_p_mean vs Slug



Right In: 2175.466 $\pm$ 0.000 χ^2 /NDF: 449483324864223028083923965968384.0/10

+ 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

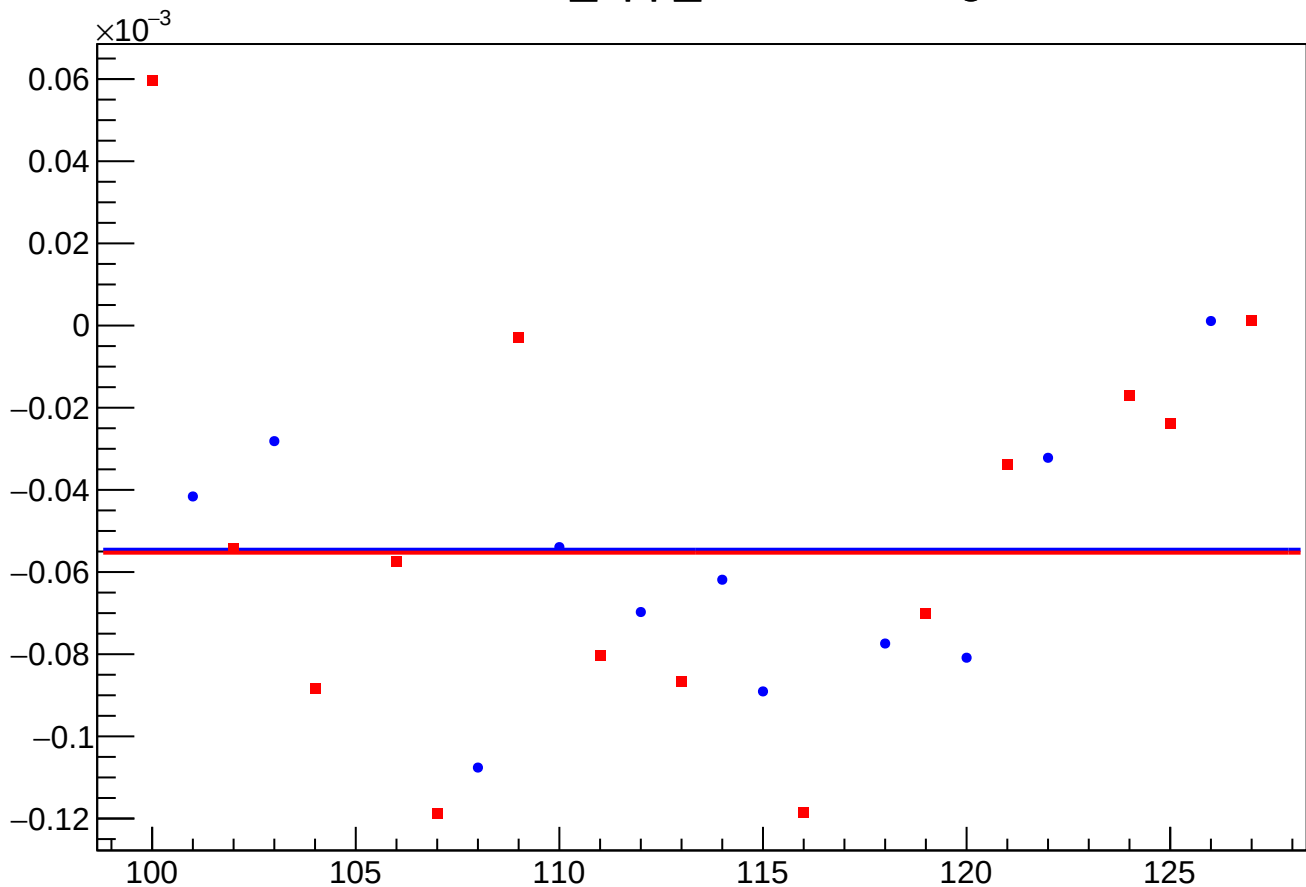
All: 2174.587 $\pm$ 0.000 χ^2 /NDF: 5783823929

Right Out: 2173.864 $\pm$ 0.000 χ^2 /NDF: 4684964618212265400894171872493568.0/13

- 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 : 402576888179118577811456.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

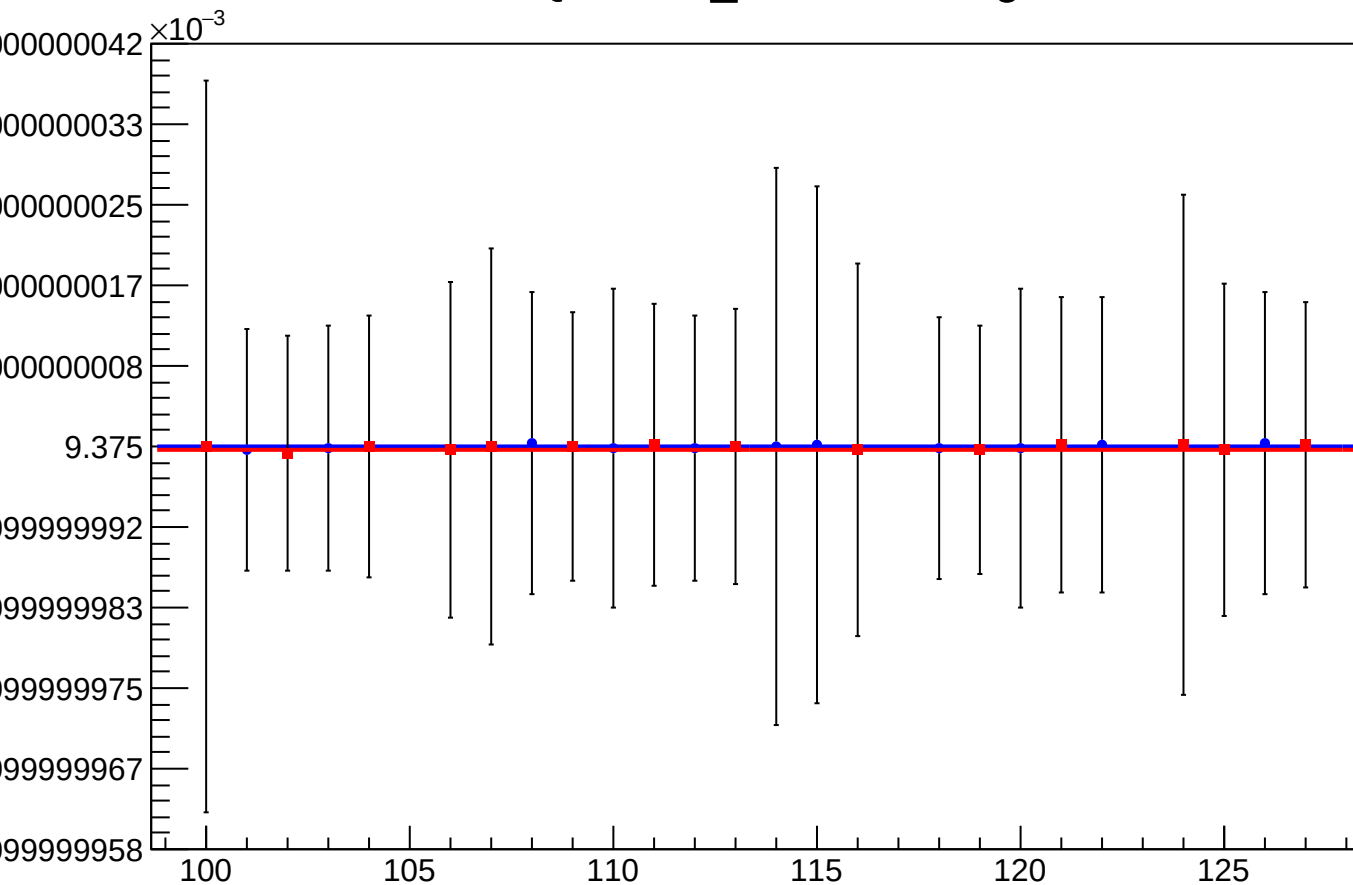
All: -0.000+/-0.000 χ^2/NDF : 1215327192022

Right Out: -0.000+/-0.000 χ^2/NDF : 812620091389149198680064.0/13

- 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 $\pm$ 0.000 χ^2 /NDF: 0.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/13

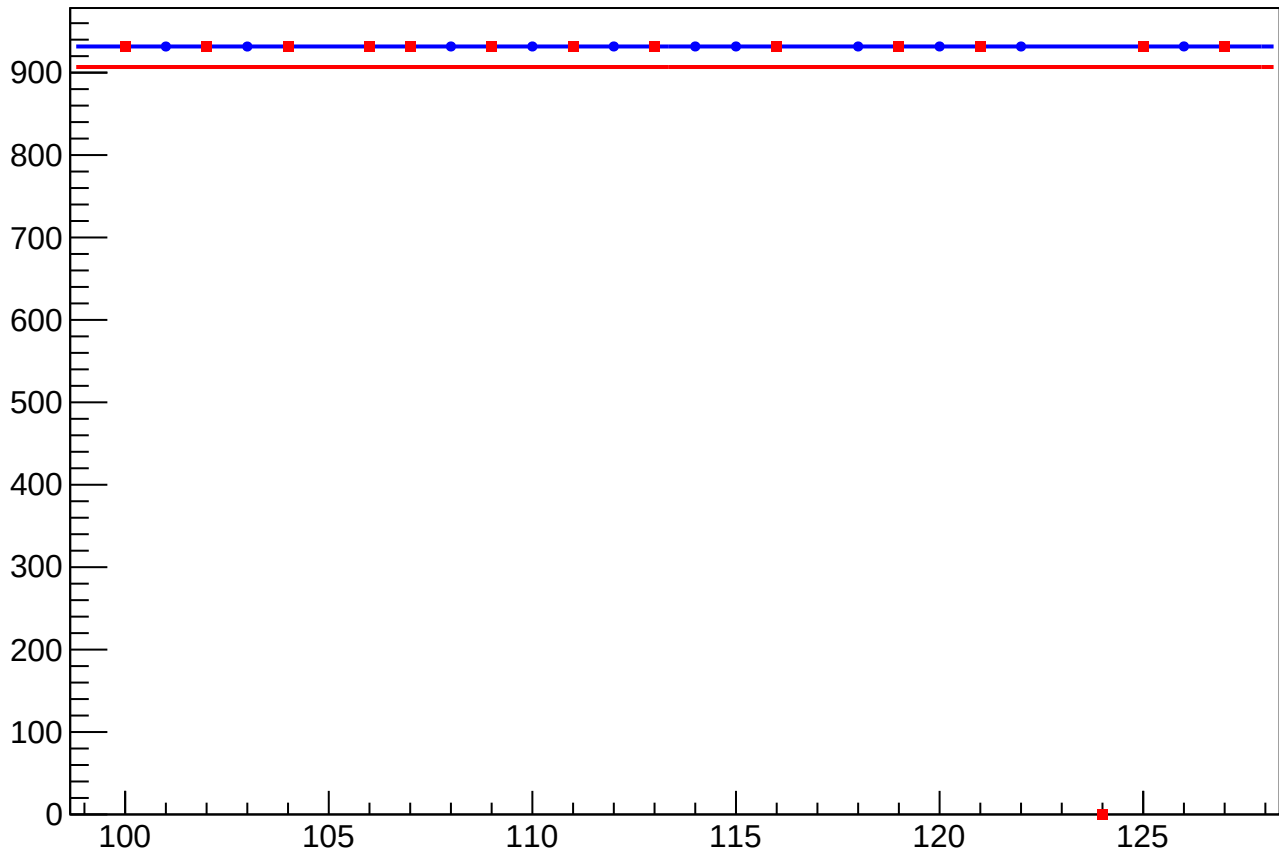
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

HacL_Q2_HP3458A_IOUT_mean vs Slug



Right In: 931.728 $\pm$ 0.000 χ^2 /NDF: 571057762658894173986348859392.0/10

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

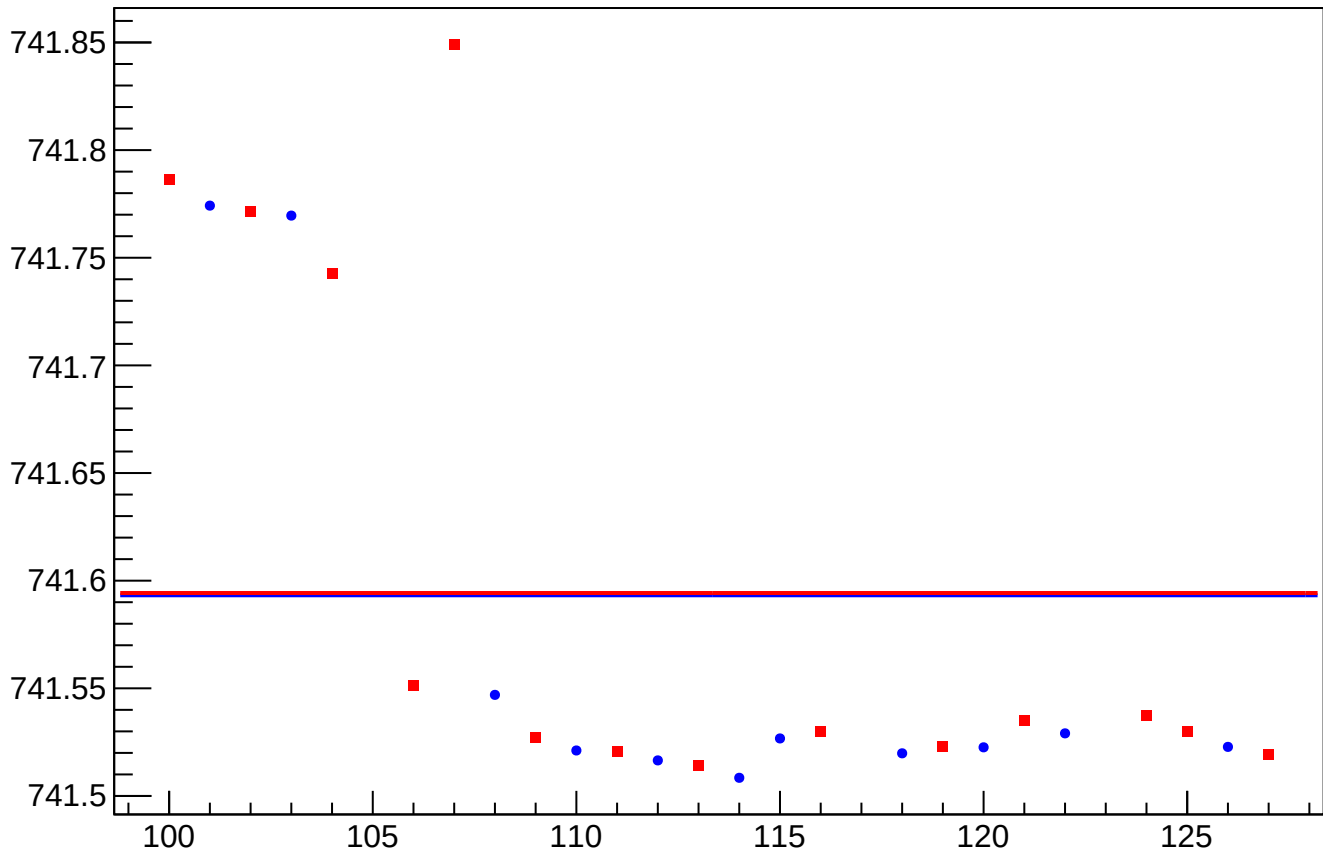
All: 918.058 $\pm$ 0.000 χ^2 /NDF: 12829876860

Right Out: 906.824 $\pm$ 0.000 χ^2 /NDF: 12672918923157486601115281877232517120.0/13

- 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

HacL_D1_HP3458A_IOUT_mean vs Slug



Right In: 741.593+/-0.000 χ^2/NDF : 5689638887638650508426189209600.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

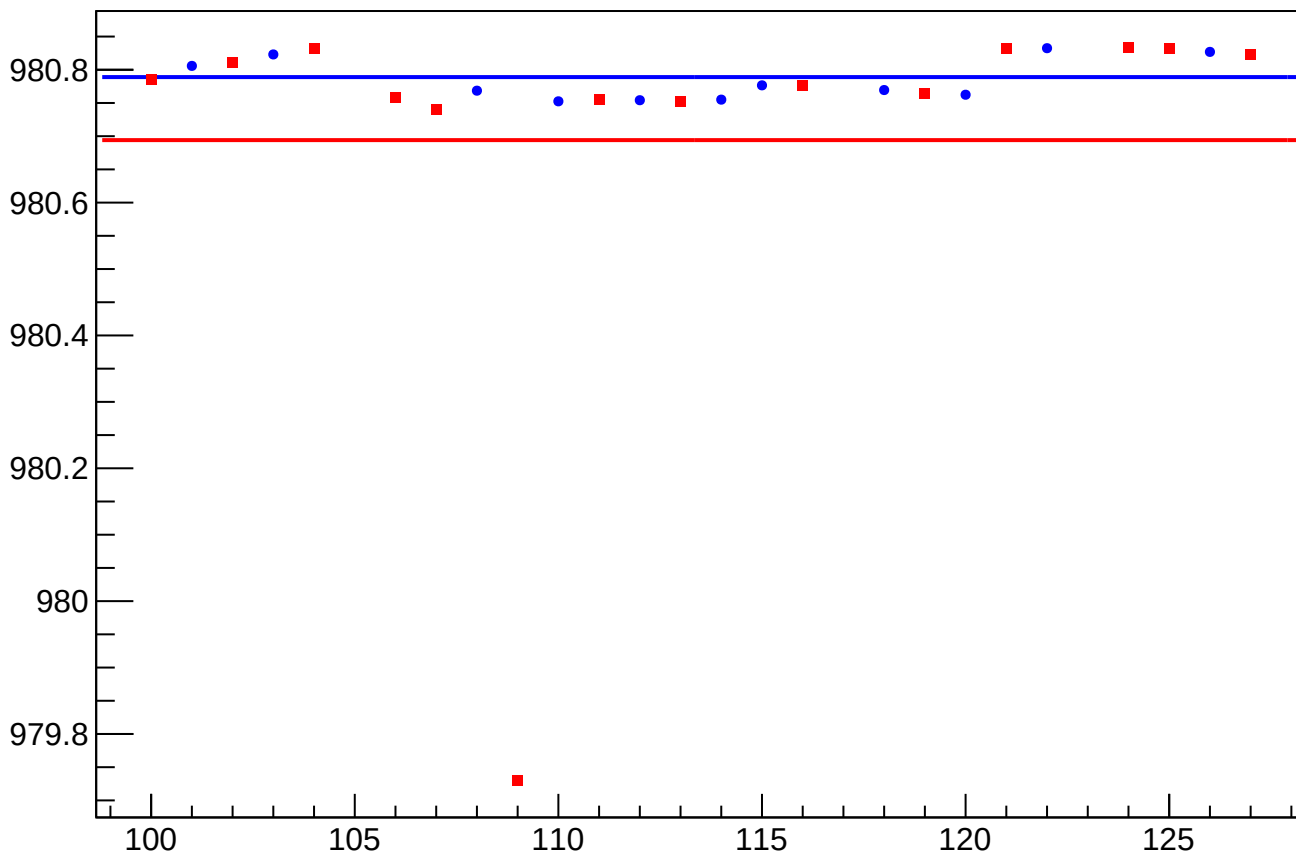
All: 741.594+/-0.000 χ^2/NDF : 127227453376

Right Out: 741.594+/-0.000 χ^2/NDF : 7032828728207243405971762970624.0/13

- 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: 980.789+/-0.000 χ^2/NDF : 425783166108270723928107778048.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

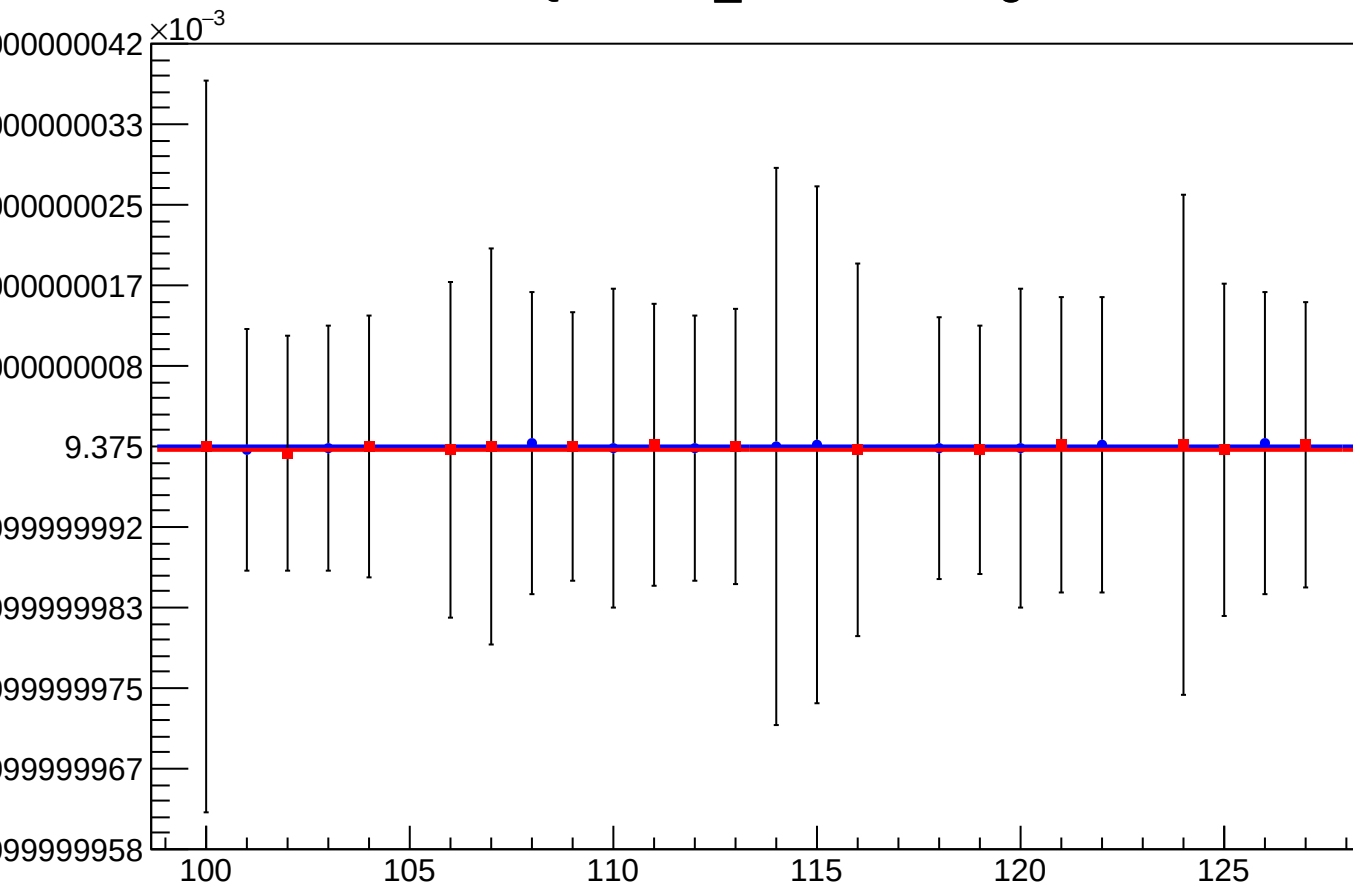
All: 980.737+/-0.000 χ^2/NDF : 566312314720

Right Out: 980.694+/-0.000 χ^2/NDF : 53926806070901961839172623794176.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

MQ172RM_mean vs Slug



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/13

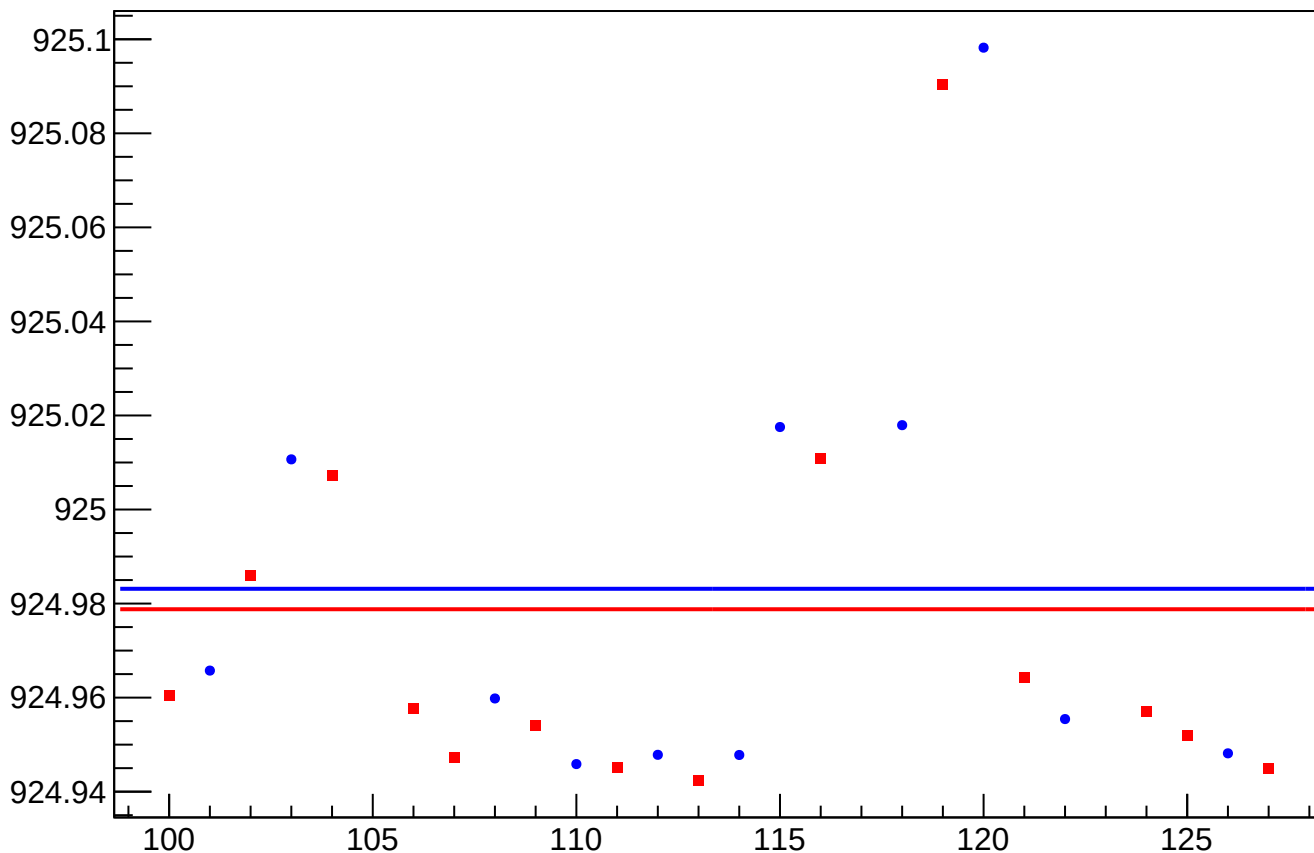
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

HacR_Q2_HP3458A_IOUT_mean vs Slug



Right In: 924.983+/-0.000 χ^2/NDF : 878447346149107426893989150720.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

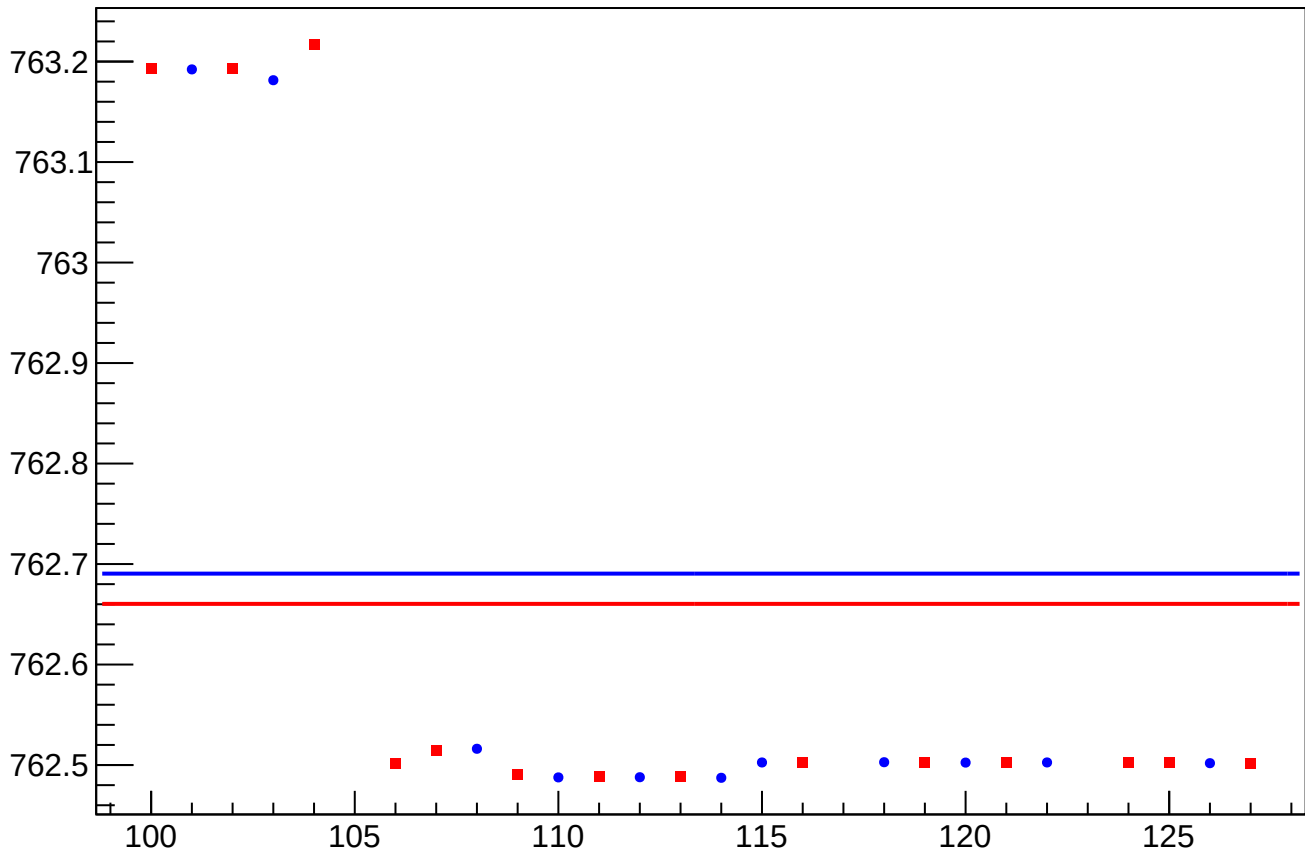
All: 924.981+/-0.000 χ^2/NDF : 200325907700

Right Out: 924.979+/-0.000 χ^2/NDF : 1120024817508516962081815134208.0/13

- 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: 762.690+/-0.000 χ^2/NDF : 43701600101777648658631723319296.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

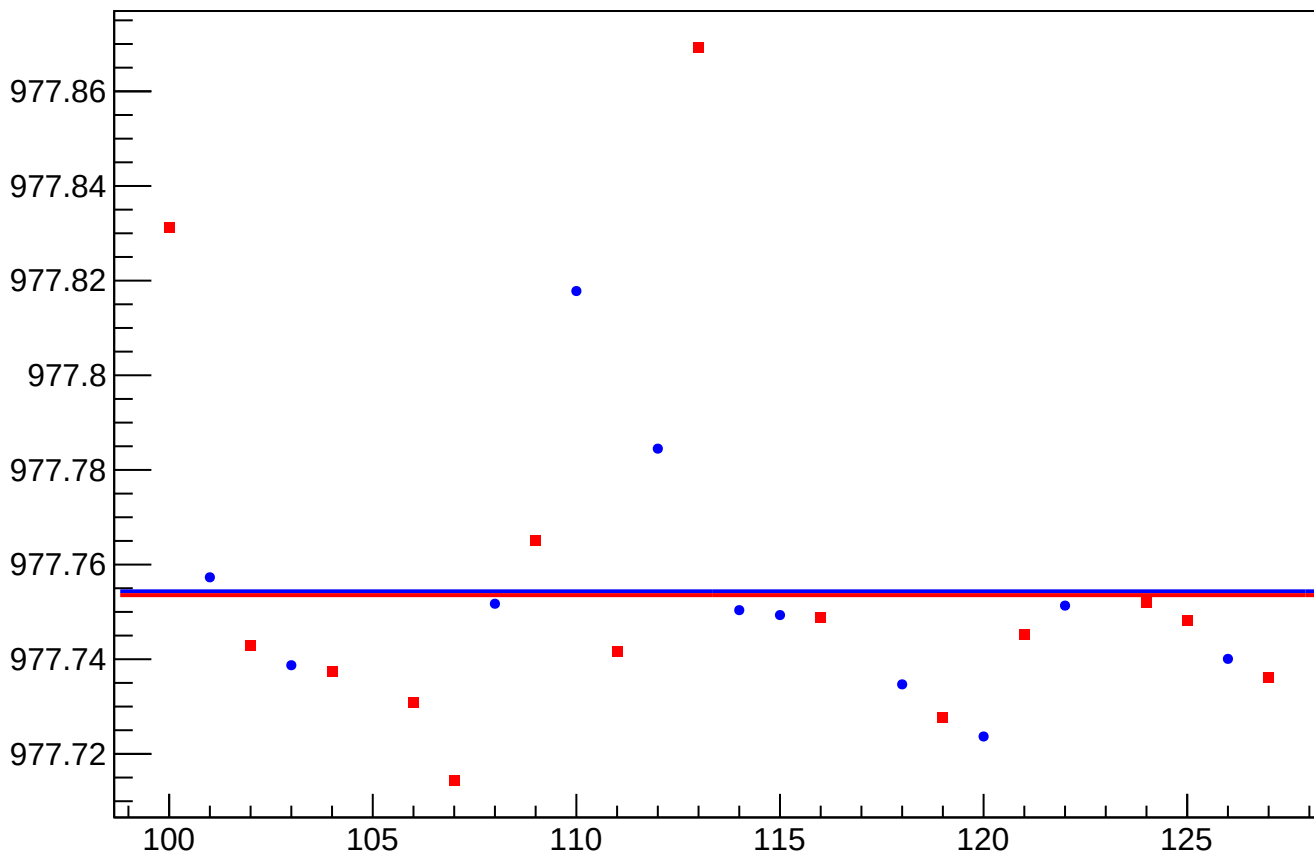
All: 762.674+/-0.000 χ^2/NDF : 932685398689.0/13

Right Out: 762.660+/-0.000 χ^2/NDF : 49337602539897672923203030220800.0/13

- 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: 977.754+/-0.000 χ^2/NDF : 278697207011011098648650973184.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 977.754+/-0.000 χ^2/NDF : 860022591129539968667853258752.0/13

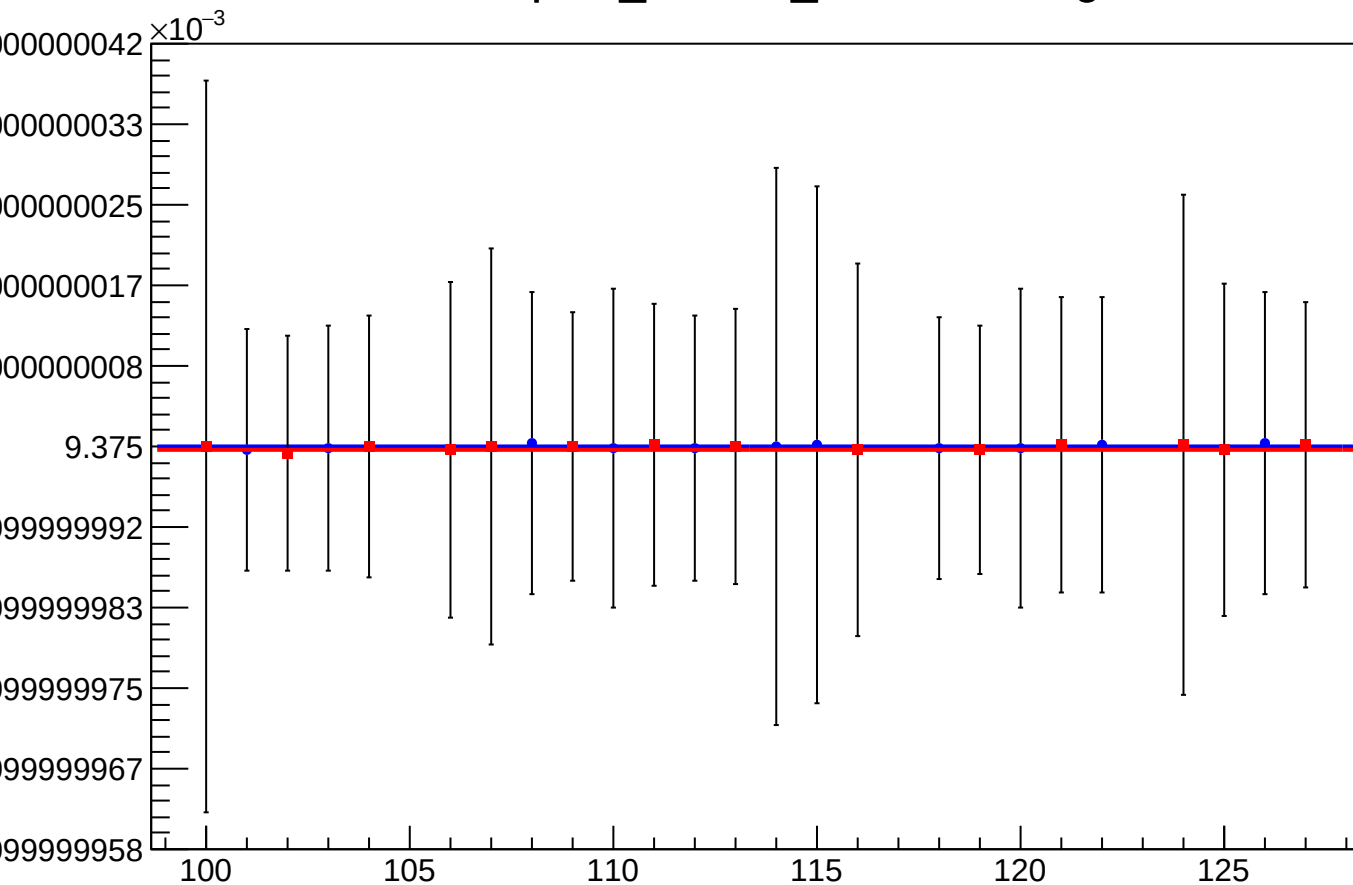
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 977.754+/-0.000 χ^2/NDF : 113888285295

- sign 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: 0.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/13

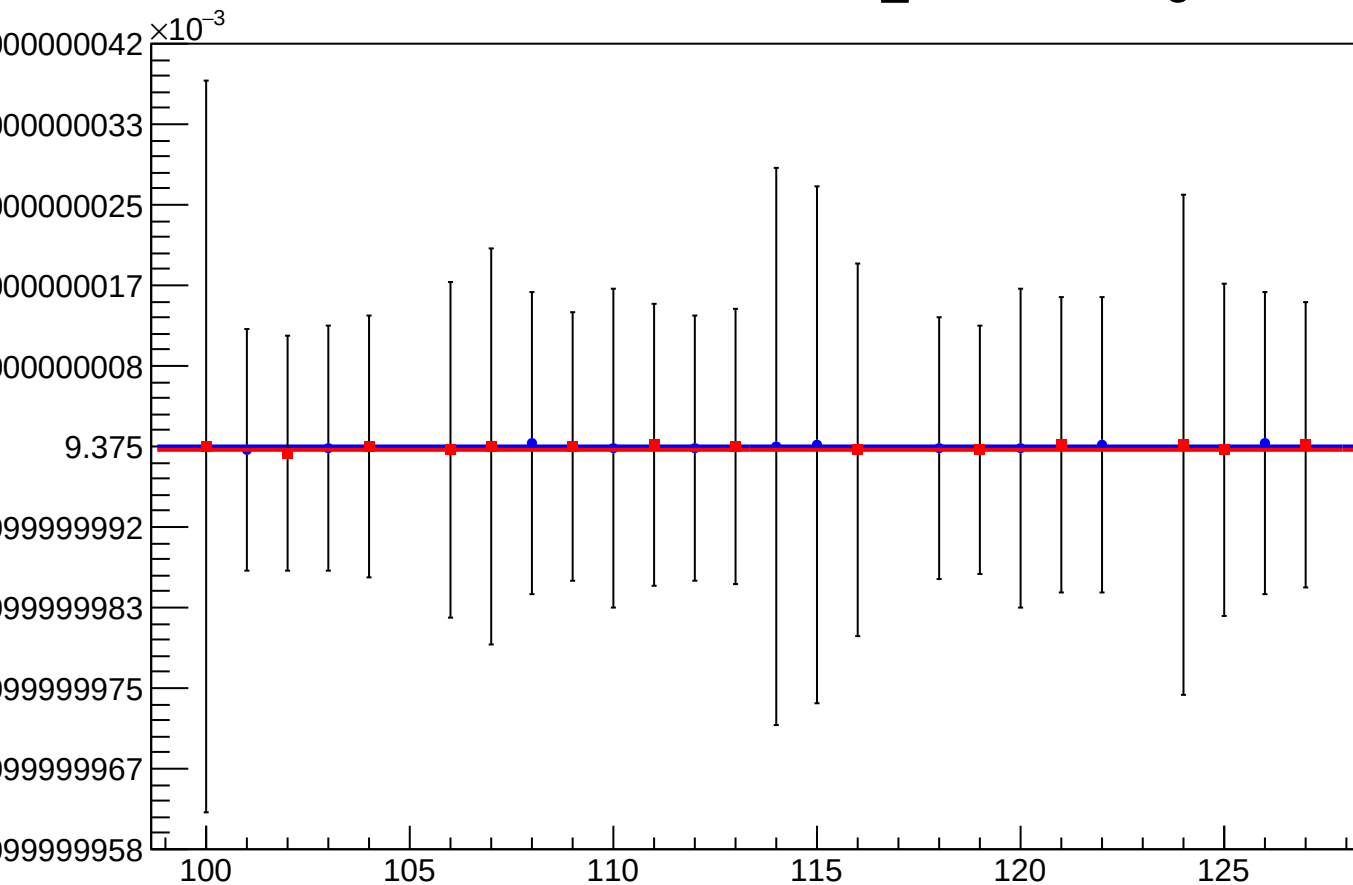
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

MSUPERBIGBITereadcalc_mean vs Slug



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/13

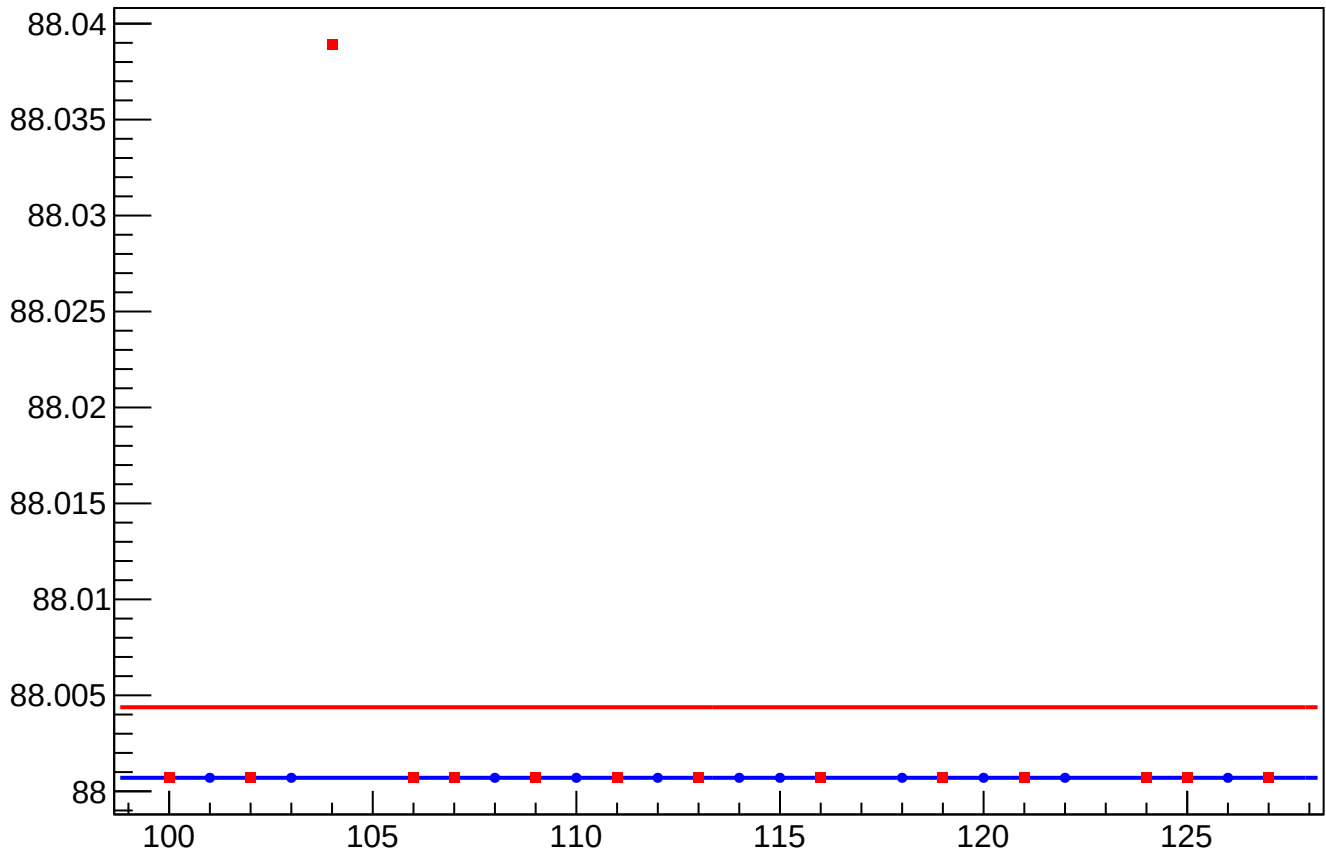
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

VWienAngle_mean vs Slug



Right In: 88.001 $\pm$ 0.000 χ^2 /NDF: 936030.8/10

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

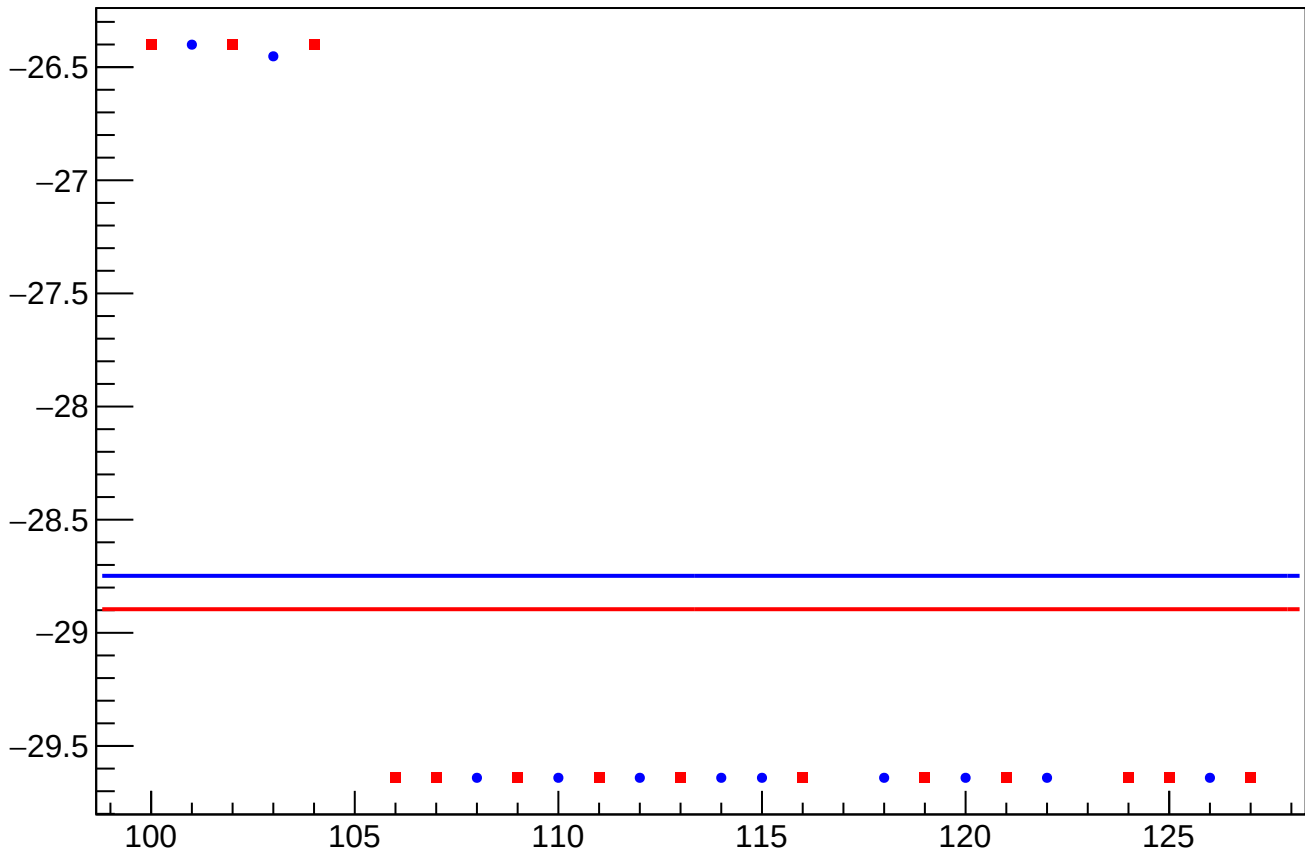
Right Out: 88.004 $\pm$ 0.000 χ^2 /NDF: 71218855881348550283971526656.0/13

All: 88.003 $\pm$ 0.000 χ^2 /NDF: 746404683716

- 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: -28.748+/-0.000 χ^2/NDF : 955584856771019474786011901329408.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

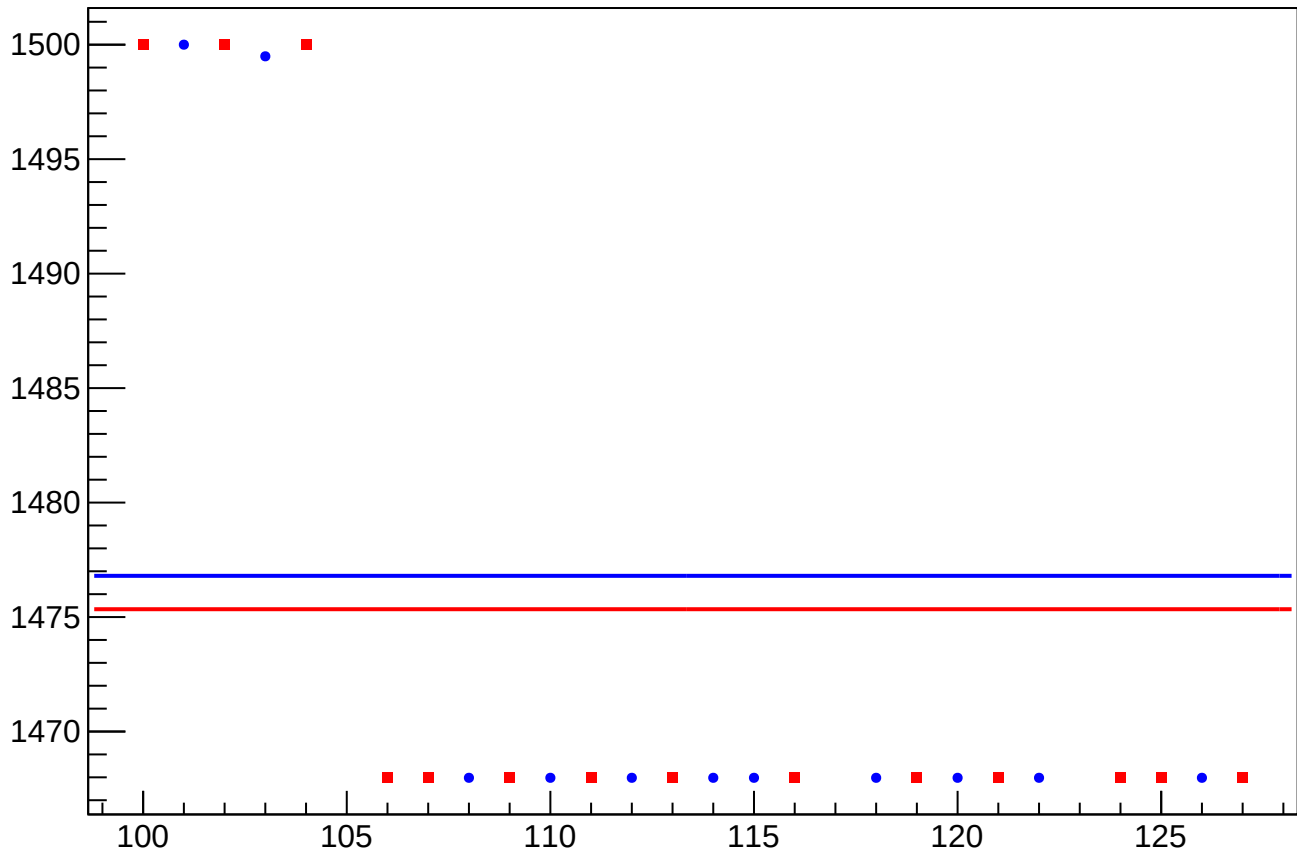
All: -28.829+/-0.000 χ^2/NDF : 200389346066

Right Out: -28.896+/-0.000 χ^2/NDF : 1042799024598948552723028147961856.0/13

- 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: 1476.801+/-0.000 χ^2/NDF : 93338332805821869871618546393415680.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

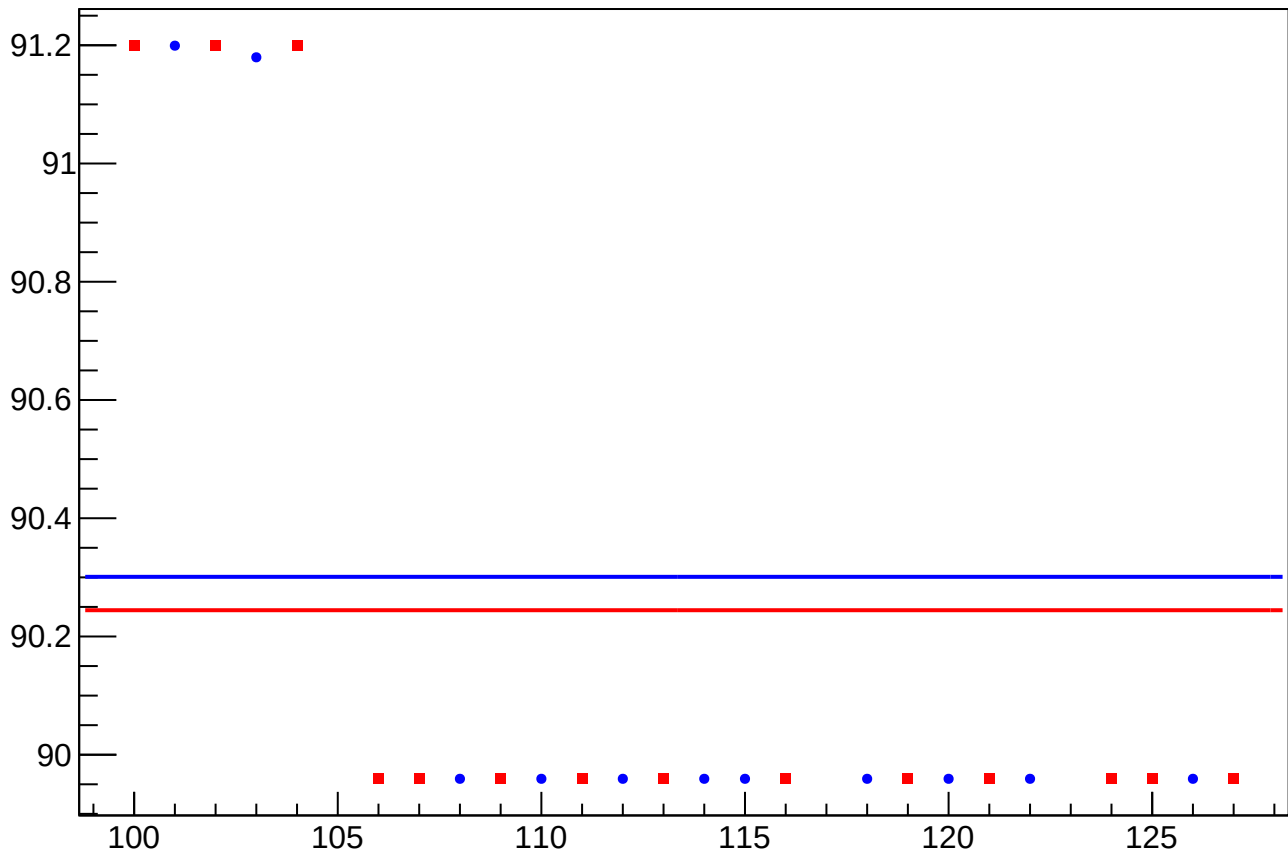
All: 1476.000+/-0.000 χ^2/NDF : 19573361111

Right Out: 1475.343+/-0.000 χ^2/NDF : 101857121026909357737573092283121664.0/13

- 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: 90.301+/-0.000 χ^2/NDF : 139966018496723184601978219003904.0/10

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

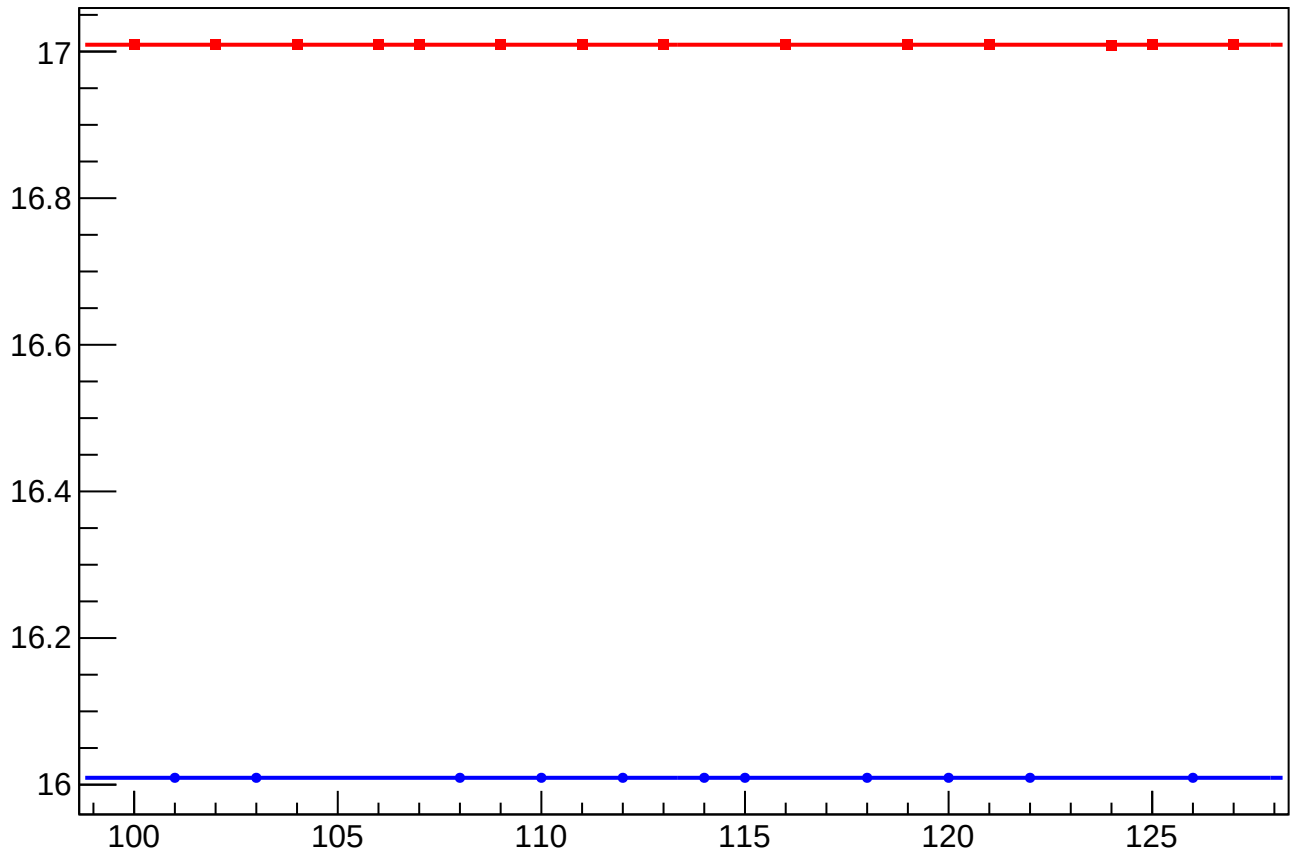
All: 90.270+/-0.000 χ^2/NDF : 2935134302239

Right Out: 90.244+/-0.000 χ^2/NDF : 152740414973279144130265254723584.0/13

- 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: 53970.7/10

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

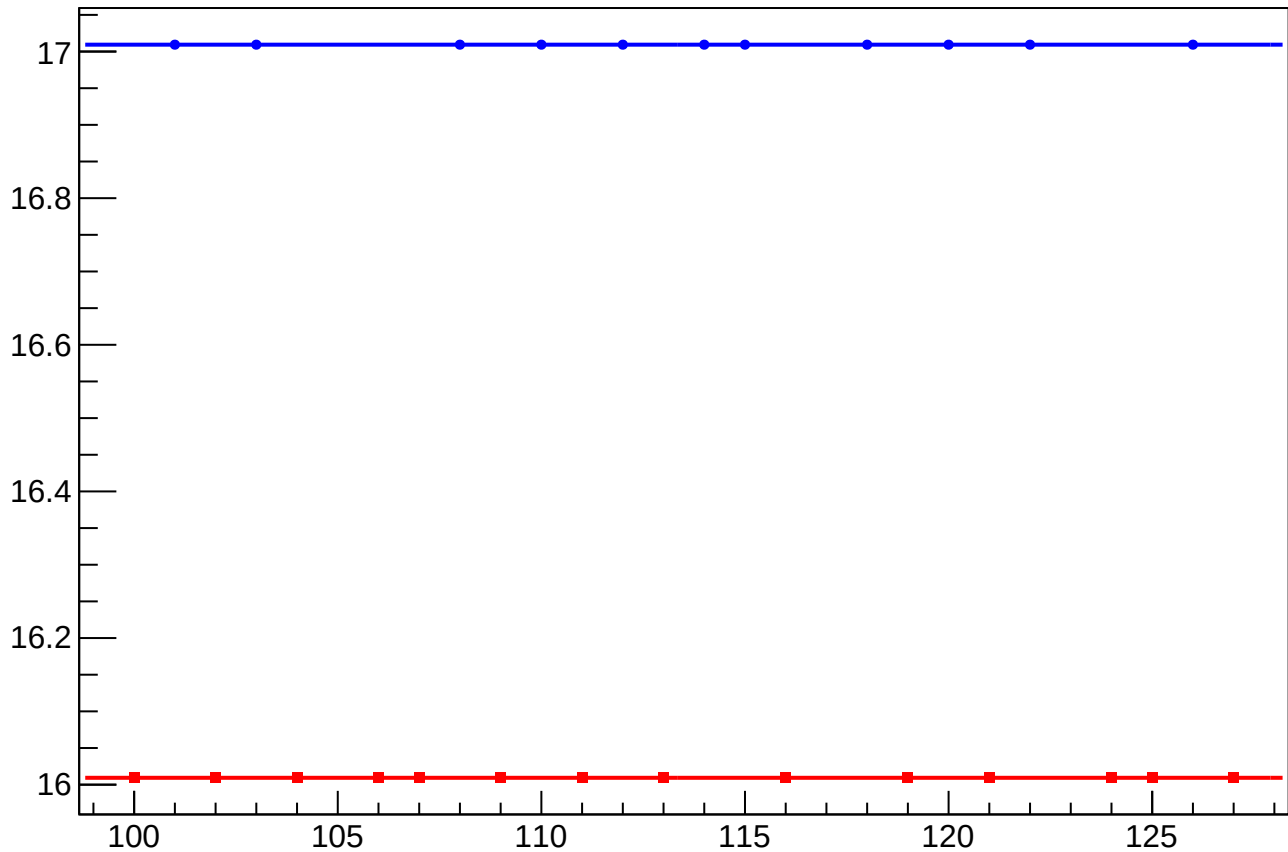
Right Out: 17.009 $\pm$ 0.000 χ^2 /NDF: 11785459332720111843803136.0/13

All: 16.536 $\pm$ 0.000 χ^2 /NDF: 2397588815683

- 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 $\pm$ 0.000 χ^2 /NDF: 34646.8/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.009 $\pm$ 0.000 χ^2 /NDF: 28197.0/13

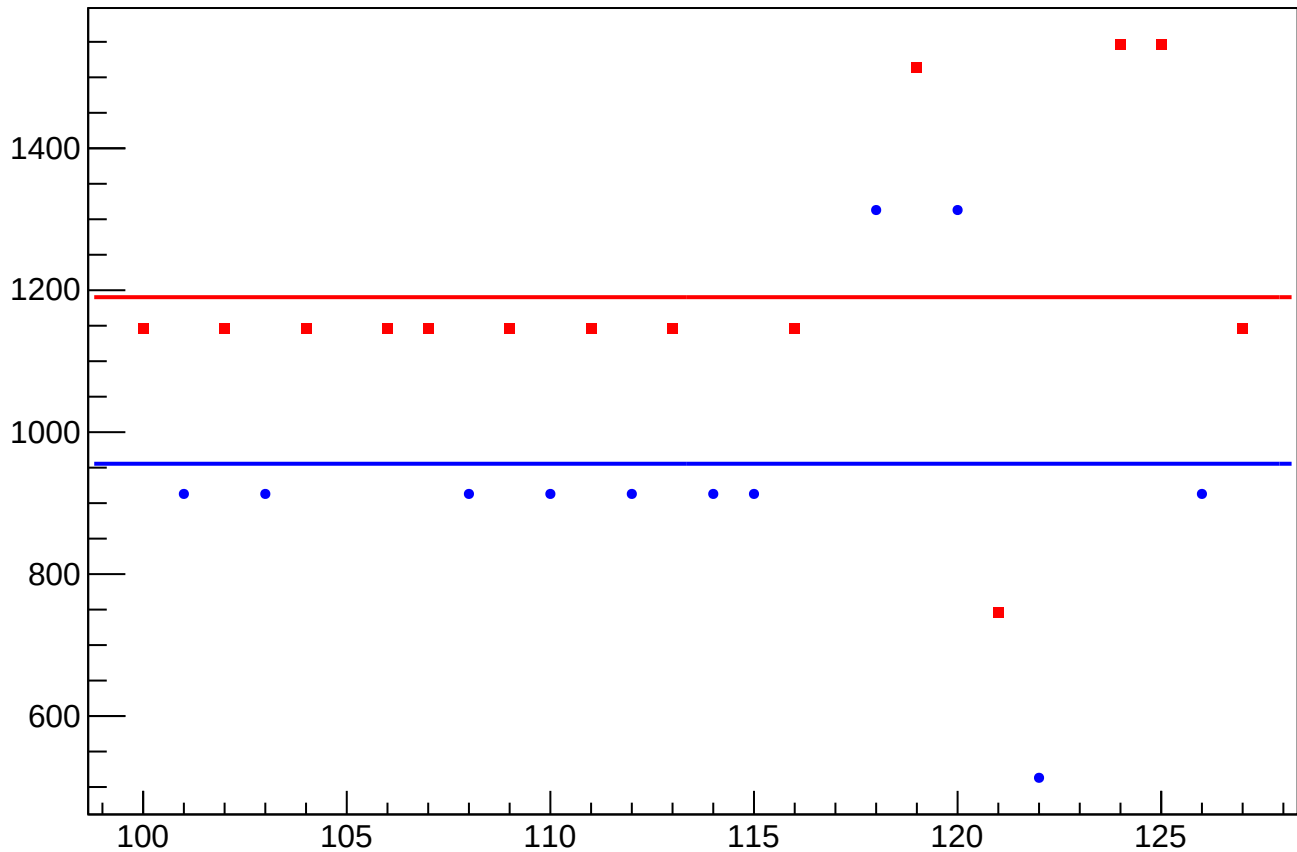
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.443 $\pm$ 0.000 χ^2 /NDF: 2417063008130

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

RTPAPOSUCNT_mean vs Slug



Right In: 955.513+/-0.000 χ^2/NDF : 20767991627696707159265487766341812224.0/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

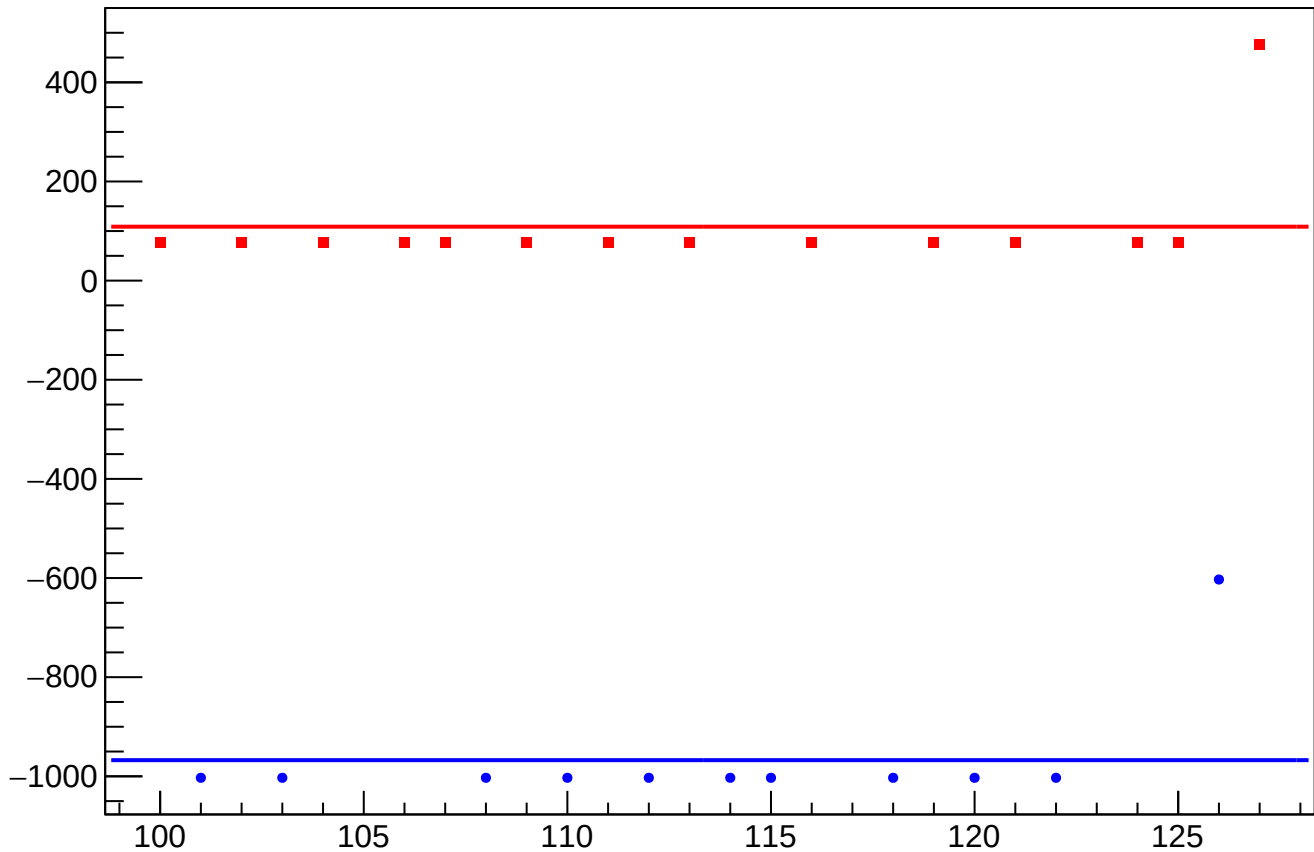
All: 1084.347+/-0.000 χ^2/NDF : 56557599056

Right Out: 1190.216+/-0.000 χ^2/NDF : 21850058833280607477992171155455213568.0/13

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

RTPAPOSVCNT_mean vs Slug



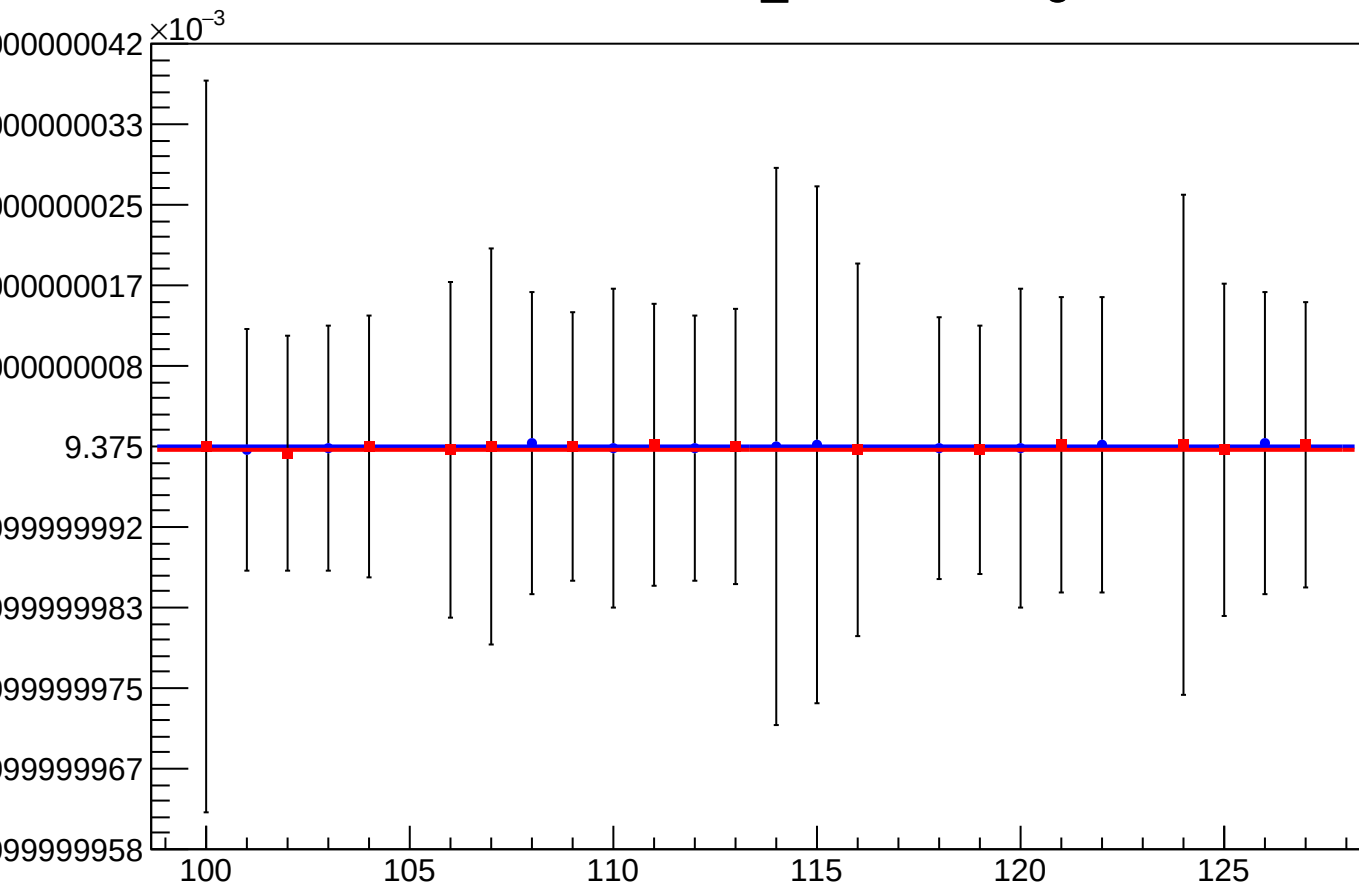
Right In: -967.415+/-0.000 χ^2/NDF : 5976543972238366592607931173057855488.0/10
+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -376.651+/-0.000 χ^2/NDF : 30583356987
Right Out: 108.808+/-0.000 χ^2/NDF : 6756164797438547571880829030890471424.0/13
- 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 $\pm$ 0.000 χ^2 /NDF: 0.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/13

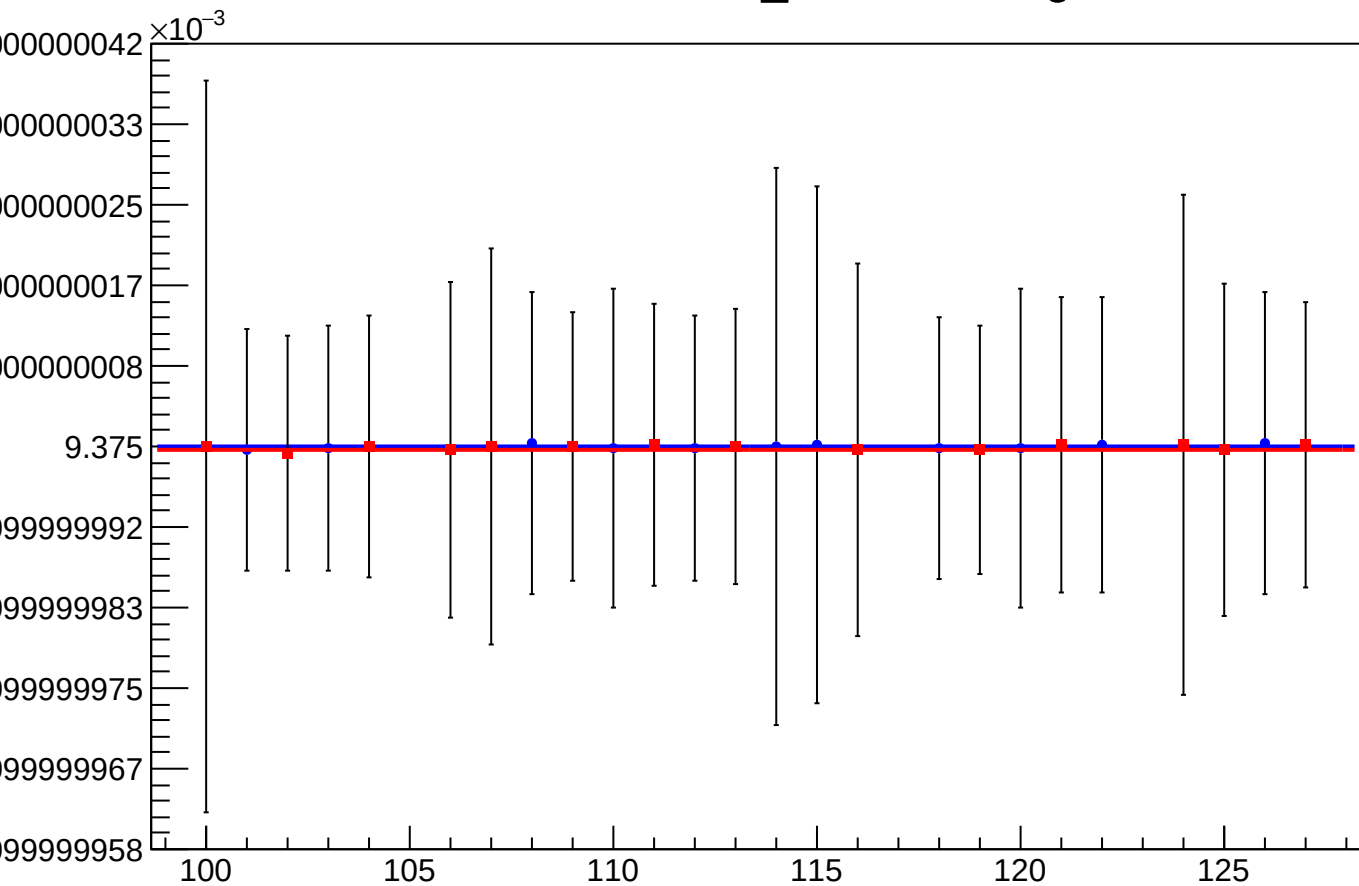
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

RTPPITA2CNT_mean vs Slug



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/10

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/13

Left In: 0.000 $\pm$ 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: 0.0/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0