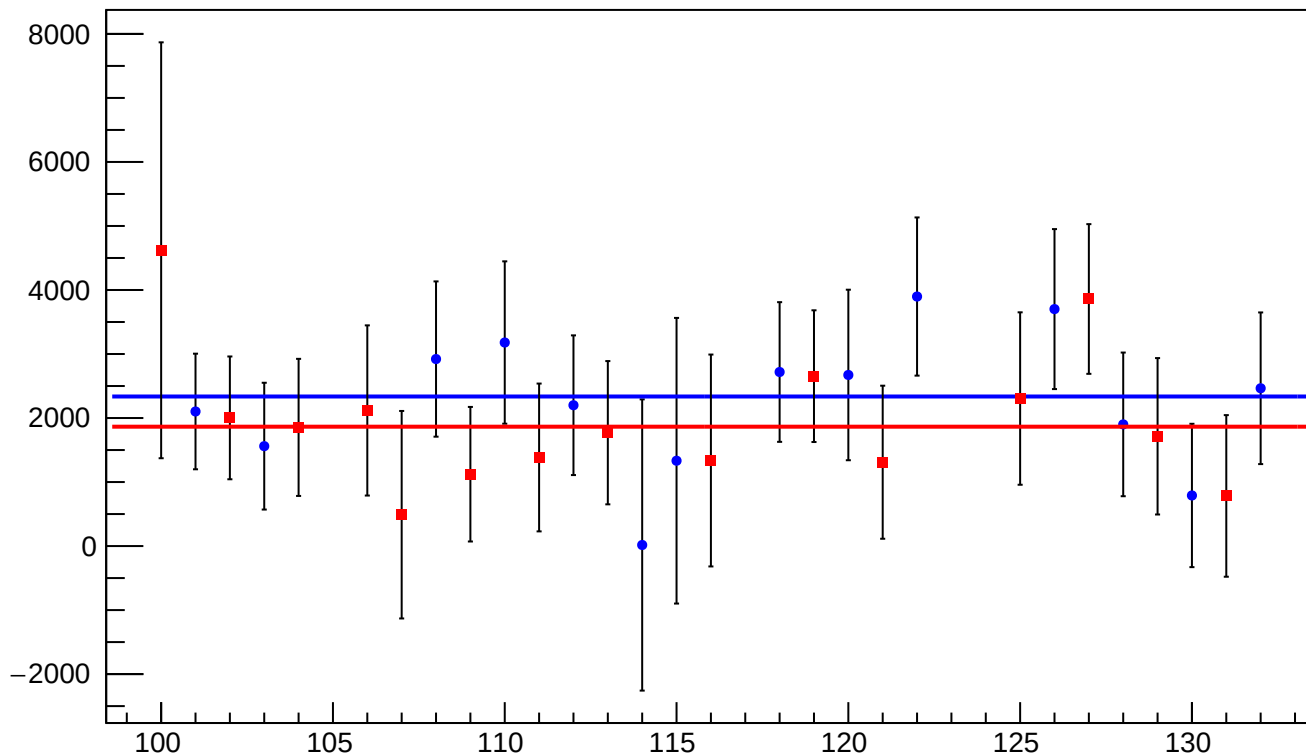


reg_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2336.275+/-319.657 χ^2/NDF : 7.7/13

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

Right Out: 1864.688+/-315.512 χ^2/NDF : 6.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

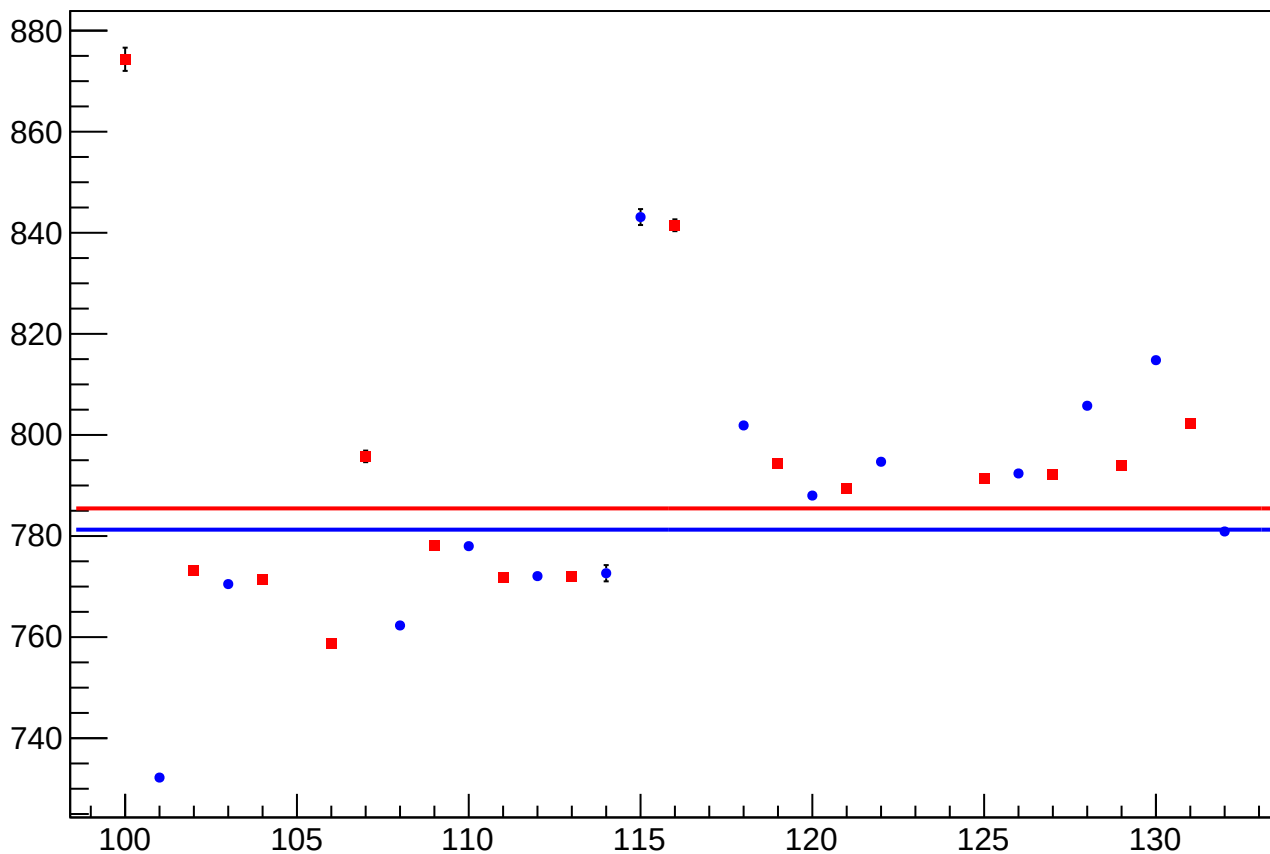
Right: 2097.404+/-224.552 χ^2/NDF : 15.6/28

In: 2336.275+/-319.657 χ^2/NDF : 7.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2097.404+/-224.552 χ^2/NDF : 15.6/28

reg_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 781.262+/-0.226 χ^2/NDF : 12258.0/13

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

Right Out: 785.466+/-0.223 χ^2/NDF : 6736.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

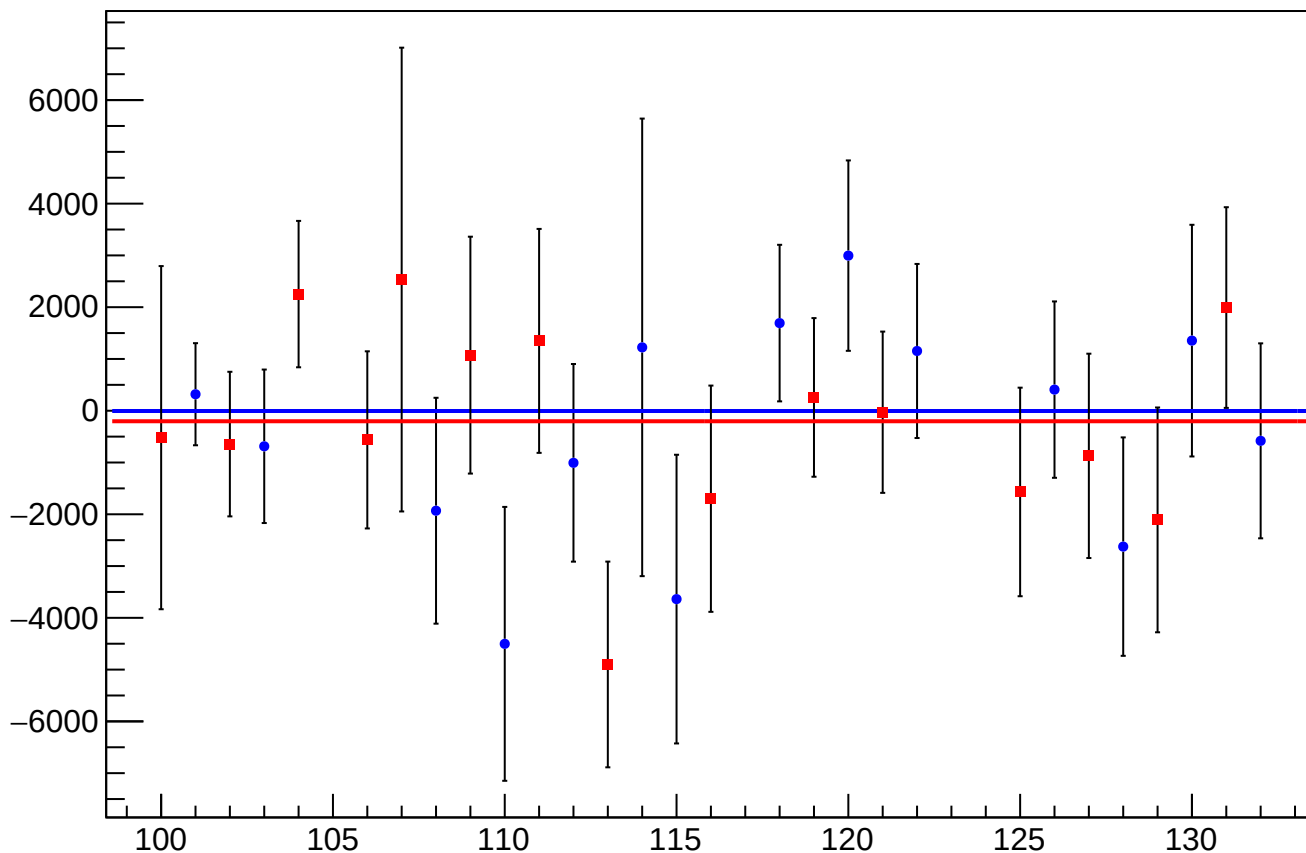
Right: 783.391+/-0.159 χ^2/NDF : 19170.1/28

In: 781.262+/-0.226 χ^2/NDF : 12258.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 783.391+/-0.159 χ^2/NDF : 19170.1/28

asym_us_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -5.329+/-475.139 χ^2/NDF : 12.5/13

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

Right Out: -203.253+/-488.909 χ^2/NDF : 13.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

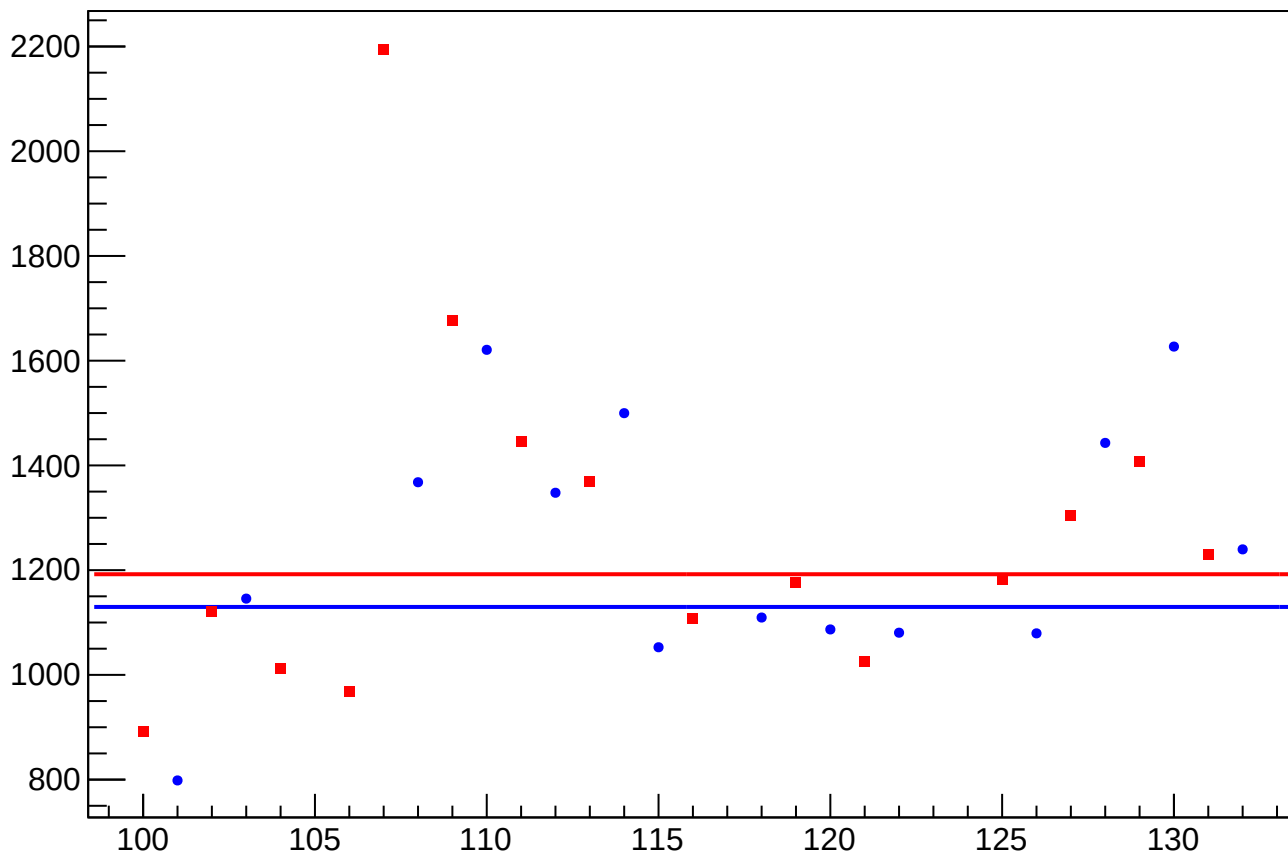
Right: -101.465+/-340.738 χ^2/NDF : 25.8/28

In: -5.329+/-475.139 χ^2/NDF : 12.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -101.465+/-340.738 χ^2/NDF : 25.8/28

asym_us_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1129.736+/-0.336 χ^2/NDF : 515087.1/13

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

Right Out: 1192.205+/-0.346 χ^2/NDF : 374731.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

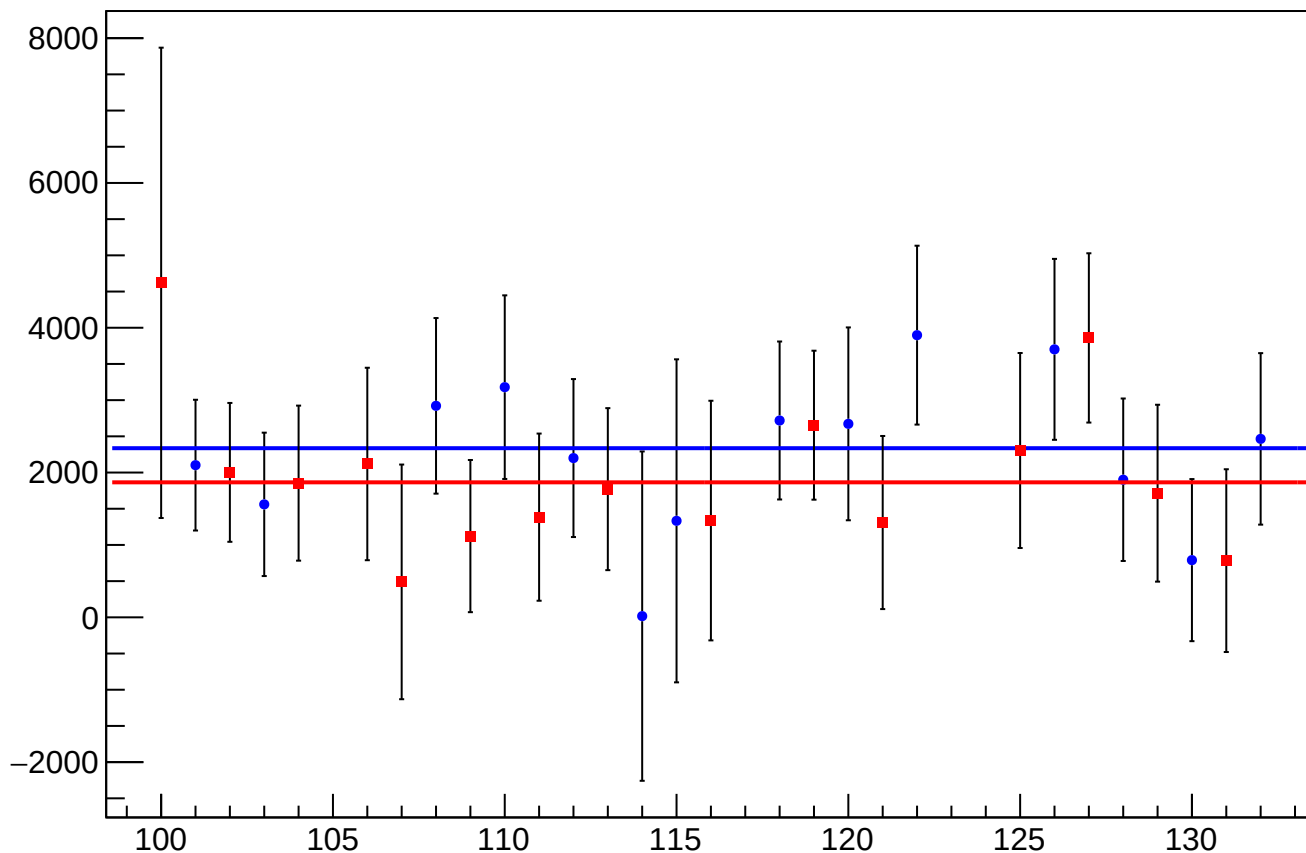
Right: 1160.079+/-0.241 χ^2/NDF : 906610.4/28

In: 1129.736+/-0.336 χ^2/NDF :515087.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1160.079+/-0.241 χ^2/NDF : 906610.4/28

cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2336.275+/-319.657 χ^2/NDF : 7.7/13

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

Right Out: 1864.688+/-315.512 χ^2/NDF : 6.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

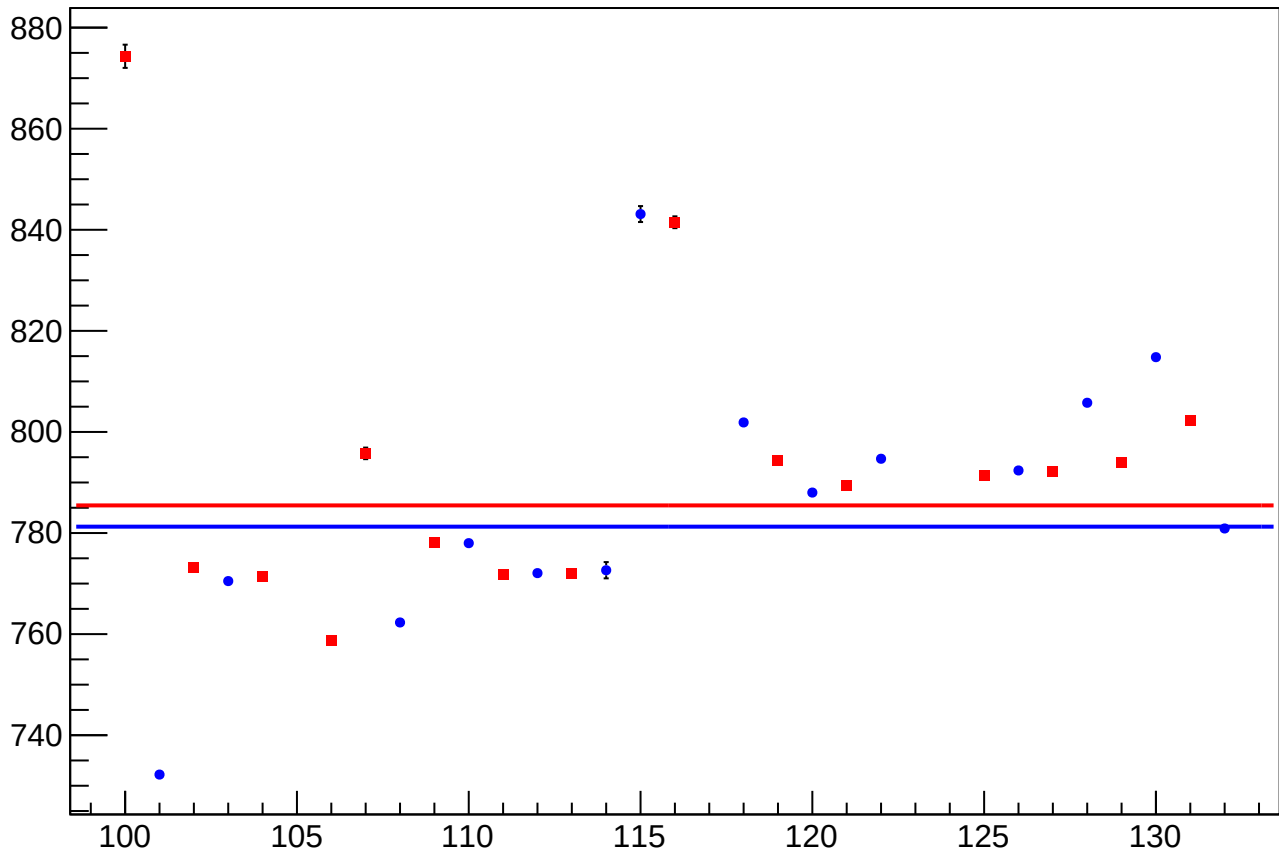
Right: 2097.404+/-224.552 χ^2/NDF : 15.6/28

In: 2336.275+/-319.657 χ^2/NDF : 7.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2097.404+/-224.552 χ^2/NDF : 15.6/28

cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 781.262+/-0.226 χ^2/NDF : 12258.0/13

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

Right Out: 785.466+/-0.223 χ^2/NDF : 6736.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

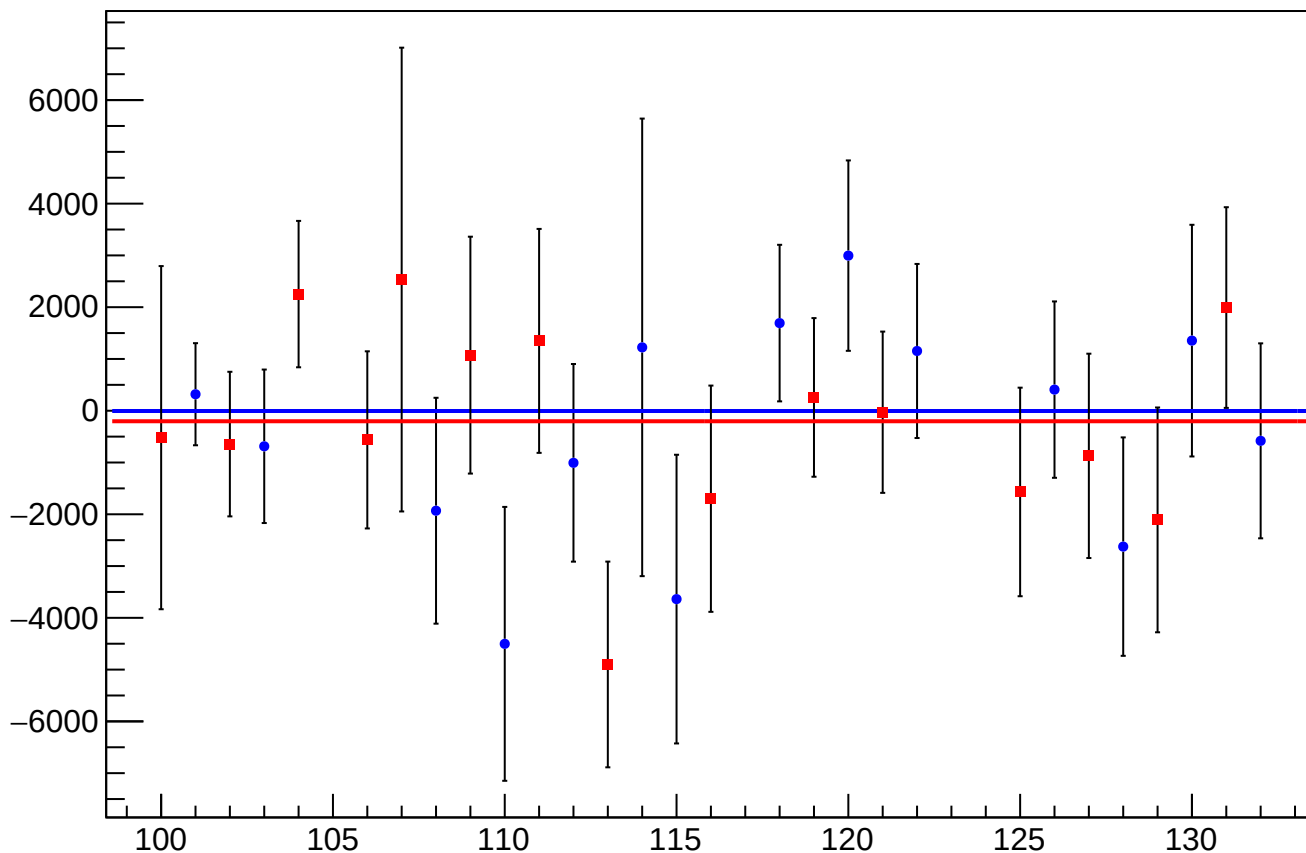
Right: 783.391+/-0.159 χ^2/NDF : 19170.1/28

In: 781.262+/-0.226 χ^2/NDF : 12258.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 783.391+/-0.159 χ^2/NDF : 19170.1/28

asym_us_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -5.329+/-475.139 χ^2/NDF : 12.5/13

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

Right Out: -203.253+/-488.909 χ^2/NDF : 13.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

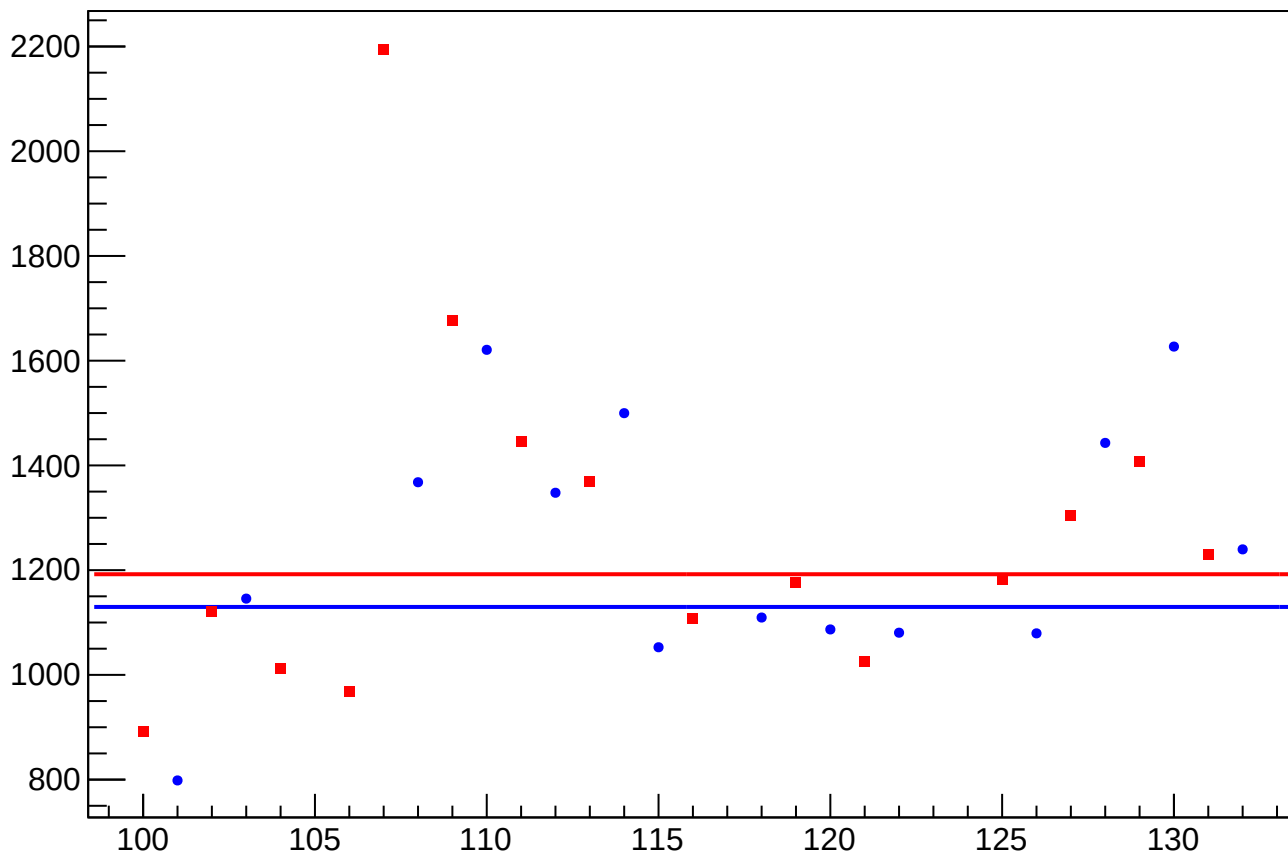
Right: -101.465+/-340.738 χ^2/NDF : 25.8/28

In: -5.329+/-475.139 χ^2/NDF : 12.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -101.465+/-340.738 χ^2/NDF : 25.8/28

asym_us_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1129.736+/-0.336 χ^2/NDF : 515087.1/13

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

Right Out: 1192.205+/-0.346 χ^2/NDF : 374731.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

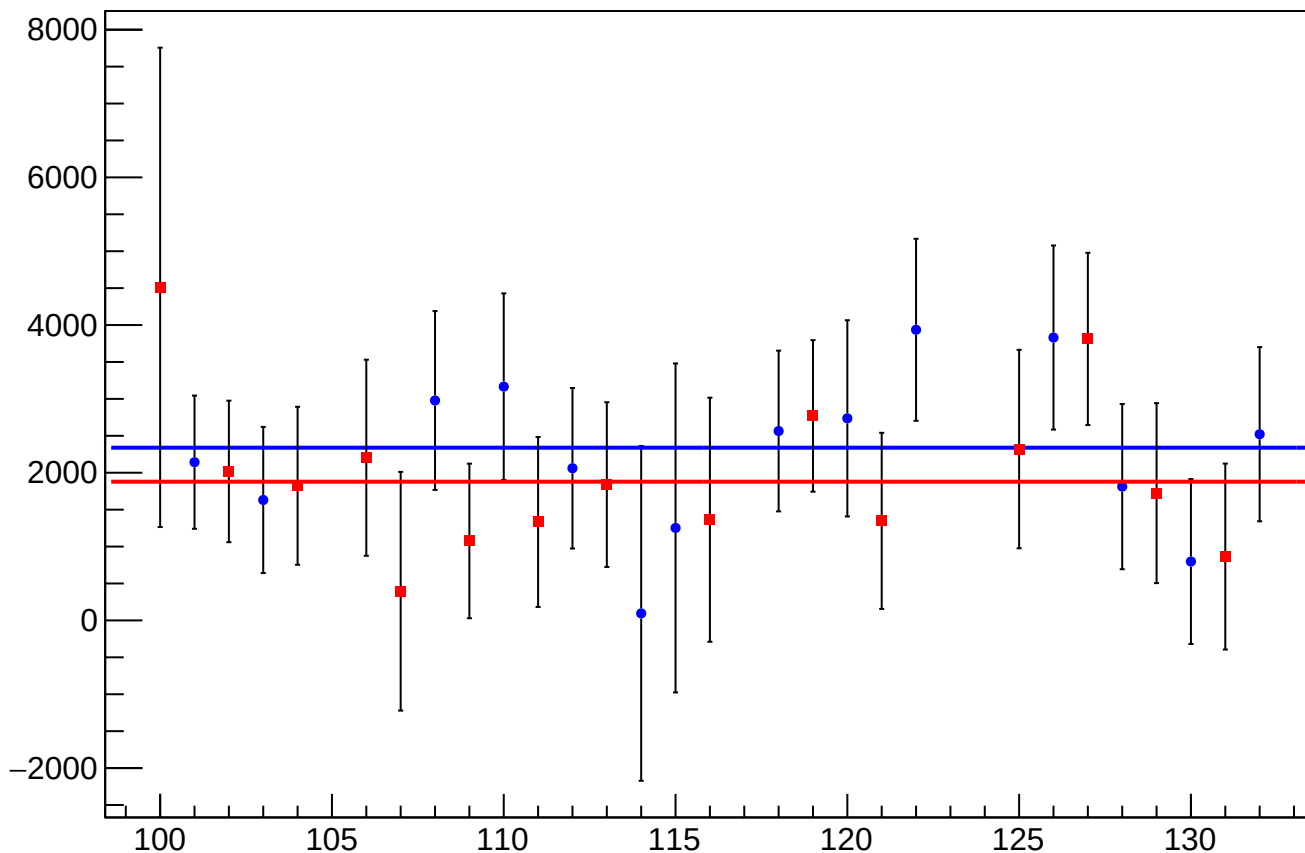
Right: 1160.079+/-0.241 χ^2/NDF : 906610.4/28

In: 1129.736+/-0.336 χ^2/NDF : 515087.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1160.079+/-0.241 χ^2/NDF : 906610.4/28

overload_cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2339.092+/-318.928 χ^2/NDF : 7.9/13

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

Right Out: 1878.648+/-314.813 χ^2/NDF : 7.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

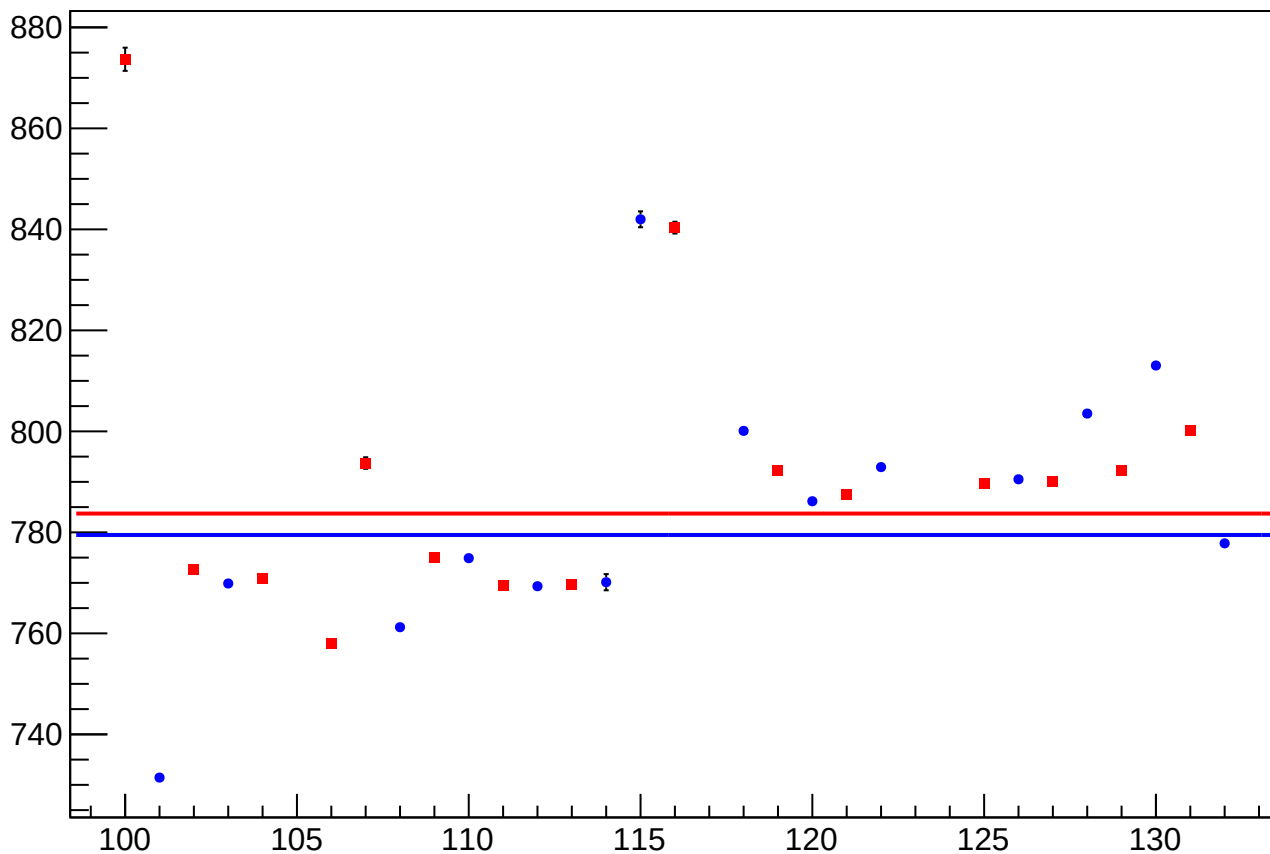
Right: 2105.880+/-224.047 χ^2/NDF : 16.0/28

In: 2339.092+/-318.928 χ^2/NDF : 7.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2105.880+/-224.047 χ^2/NDF : 16.0/28

overload_cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 779.486+/-0.226 χ^2/NDF : 12019.5/13

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

Right Out: 783.724+/-0.223 χ^2/NDF : 6725.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

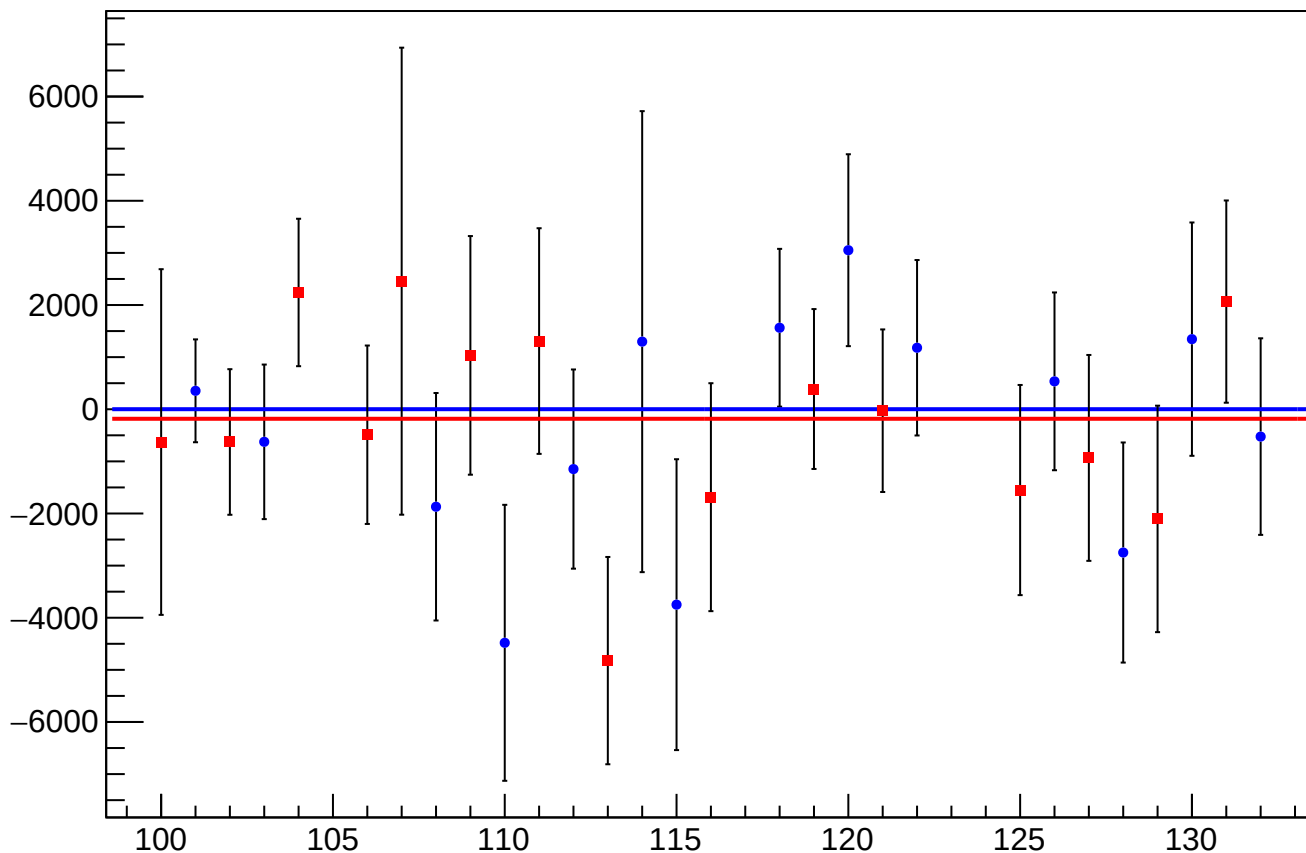
Right: 781.633+/-0.158 χ^2/NDF : 18923.4/28

In: 779.486+/-0.226 χ^2/NDF : 12019.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 781.633+/-0.158 χ^2/NDF : 18923.4/28

asym_us_avg_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 1.234+/-475.597 χ^2/NDF : 12.7/13

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

Right Out: -182.722+/-489.315 χ^2/NDF : 13.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

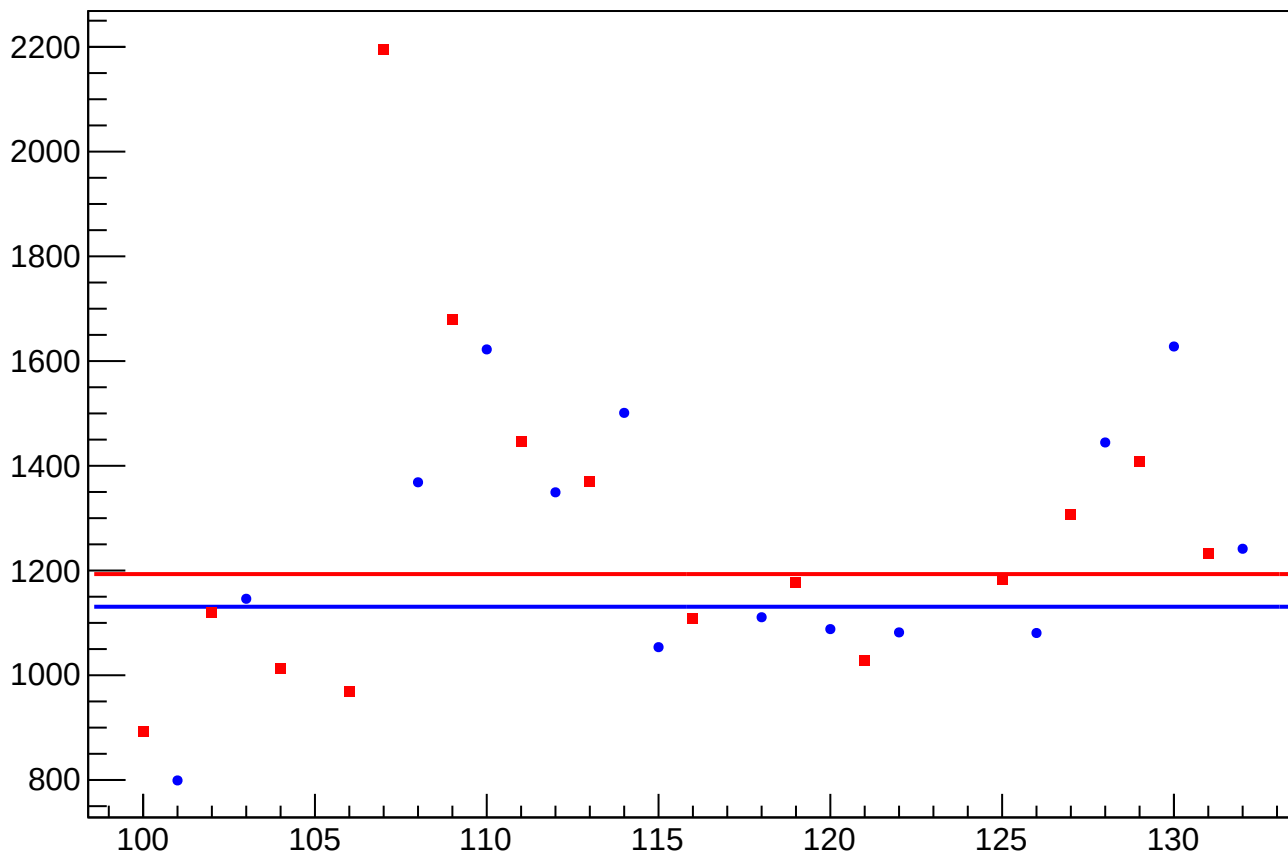
Right: -88.129+/-341.045 χ^2/NDF : 25.8/28

In: 1.234+/-475.597 χ^2/NDF : 12.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -88.129+/-341.045 χ^2/NDF : 25.8/28

asym_us_avg_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 1130.847+/-0.336 χ^2/NDF : 514962.5/13

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

Right Out: 1193.205+/-0.346 χ^2/NDF : 374779.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

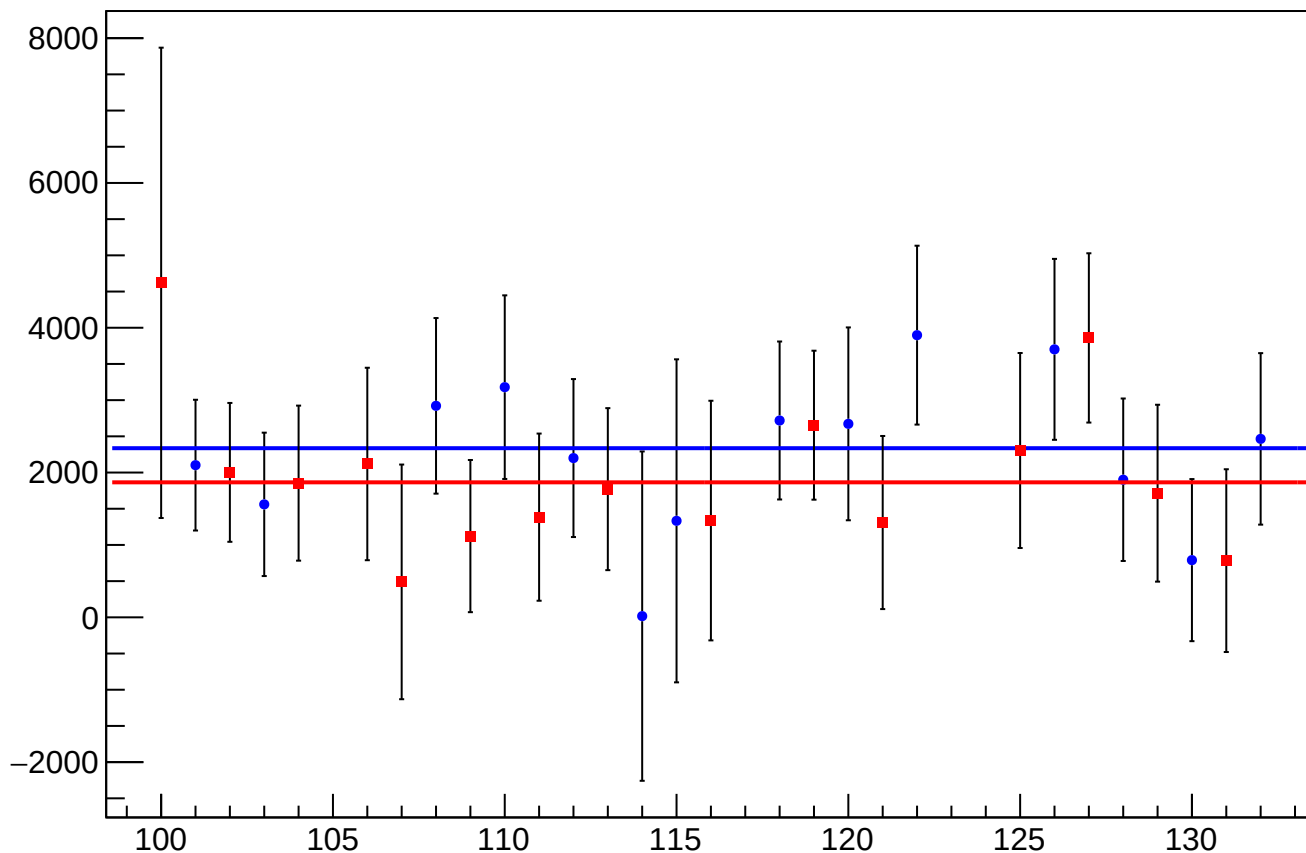
Right: 1161.139+/-0.241 χ^2/NDF : 906444.1/28

In: 1130.847+/-0.336 χ^2/NDF :514962.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1161.139+/-0.241 χ^2/NDF : 906444.1/28

eigen_cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2336.275+/-319.657 χ^2/NDF : 7.7/13

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

Right Out: 1864.688+/-315.512 χ^2/NDF : 6.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

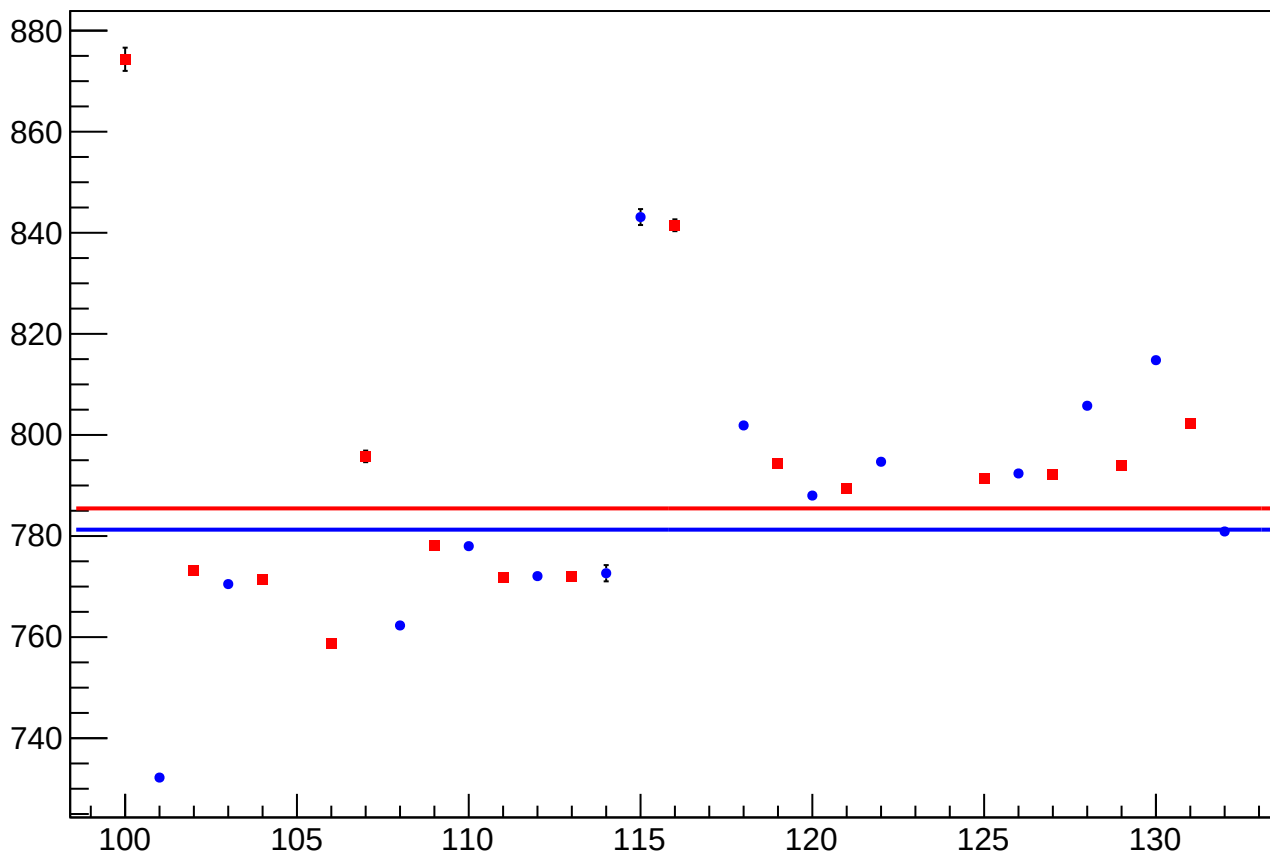
Right: 2097.404+/-224.552 χ^2/NDF : 15.6/28

In: 2336.275+/-319.657 χ^2/NDF : 7.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2097.404+/-224.552 χ^2/NDF : 15.6/28

eigen_cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 781.262 $\pm$ 0.226 χ^2 /NDF: 12258.0/13

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

Right Out: 785.466 $\pm$ 0.223 χ^2 /NDF: 6736.9/14

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

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

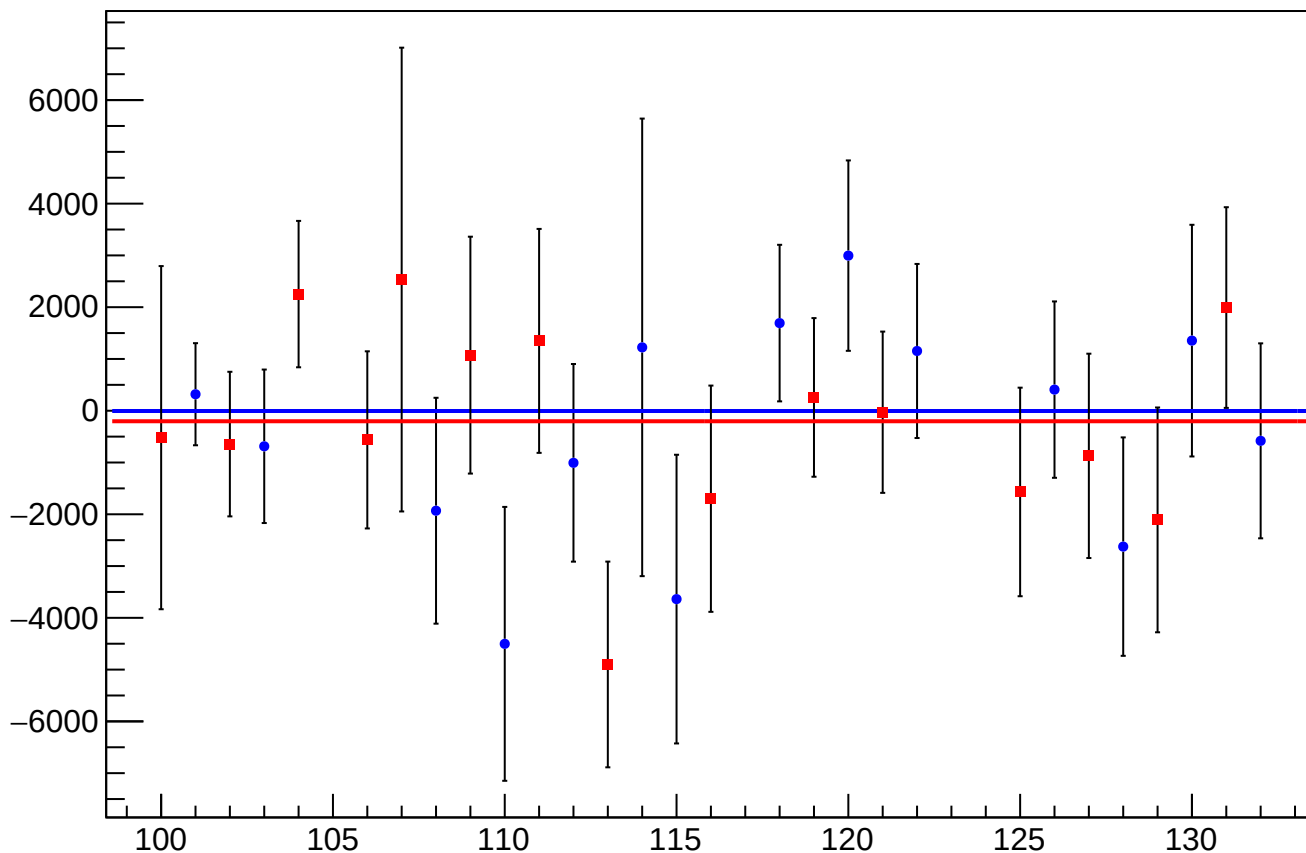
Right: 783.391 $\pm$ 0.159 χ^2 /NDF: 19170.1/28

In: 781.262 $\pm$ 0.226 χ^2 /NDF:12258.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 783.391 $\pm$ 0.159 χ^2 /NDF: 19170.1/28

asym_us_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -5.329+/-475.139 χ^2/NDF : 12.5/13

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

Right Out: -203.253+/-488.909 χ^2/NDF : 13.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

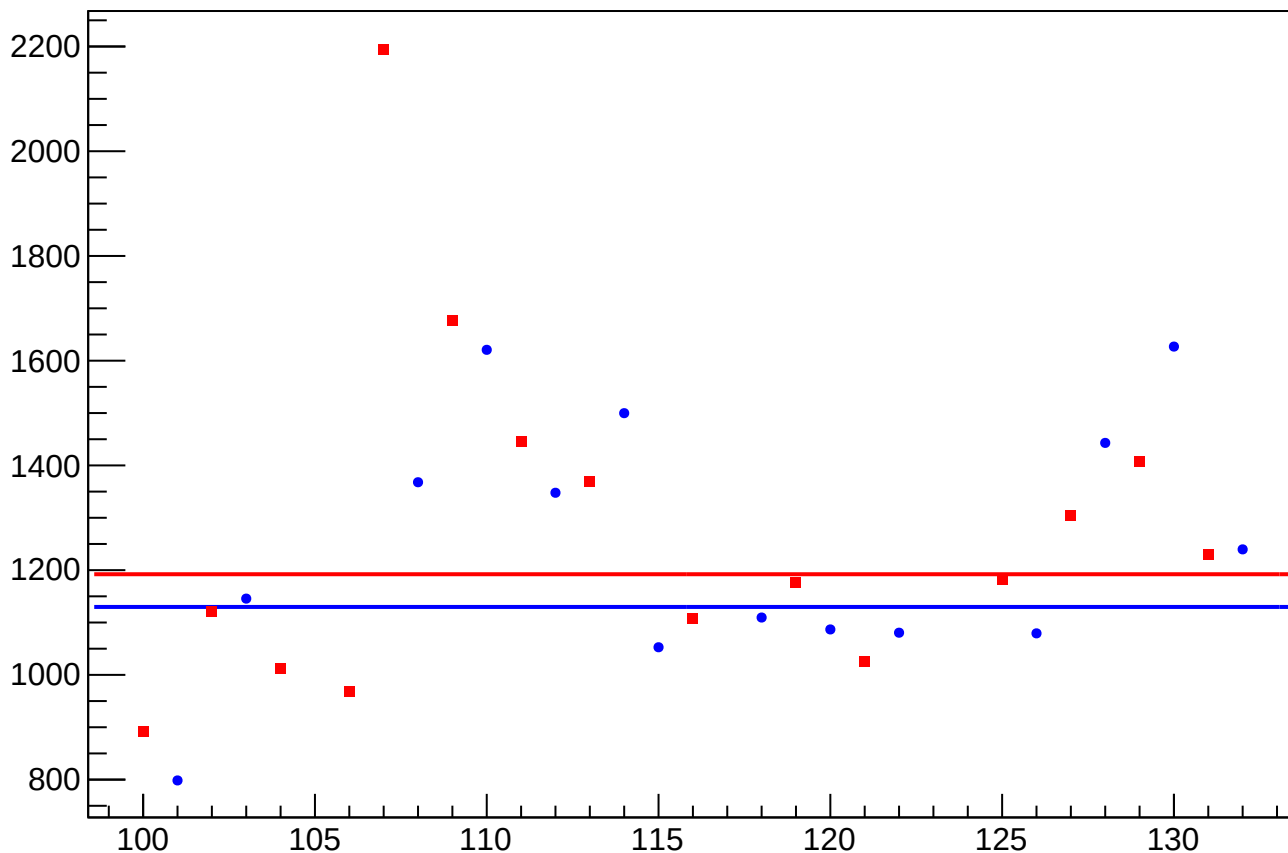
Right: -101.465+/-340.738 χ^2/NDF : 25.8/28

In: -5.329+/-475.139 χ^2/NDF : 12.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -101.465+/-340.738 χ^2/NDF : 25.8/28

asym_us_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1129.736+/-0.336 χ^2/NDF : 515087.1/13

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

Right Out: 1192.205+/-0.346 χ^2/NDF : 374731.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

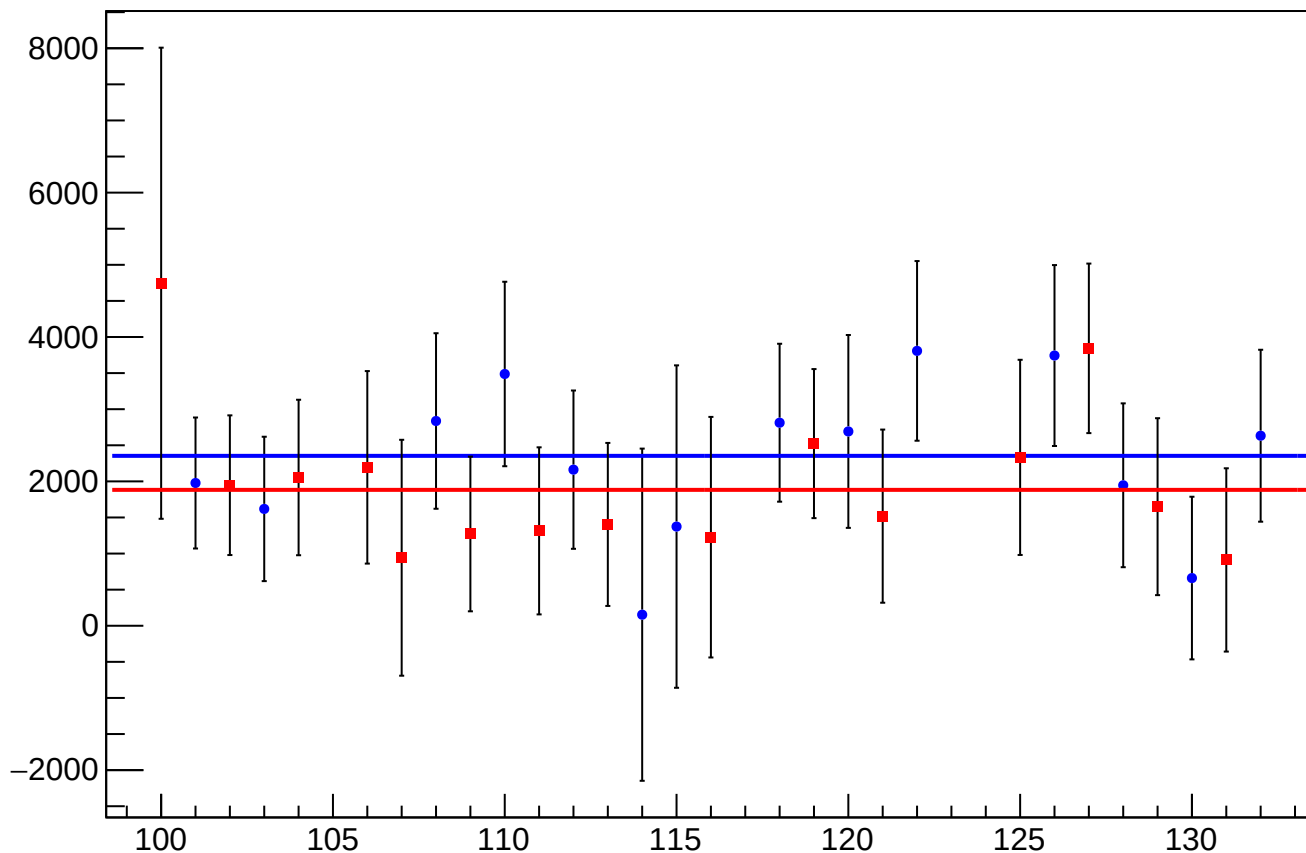
Right: 1160.079+/-0.241 χ^2/NDF : 906610.4/28

In: 1129.736+/-0.336 χ^2/NDF :515087.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1160.079+/-0.241 χ^2/NDF : 906610.4/28

dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2353.702+/-321.533 χ^2/NDF : 8.1/13

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

Right Out: 1882.471+/-317.572 χ^2/NDF : 6.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

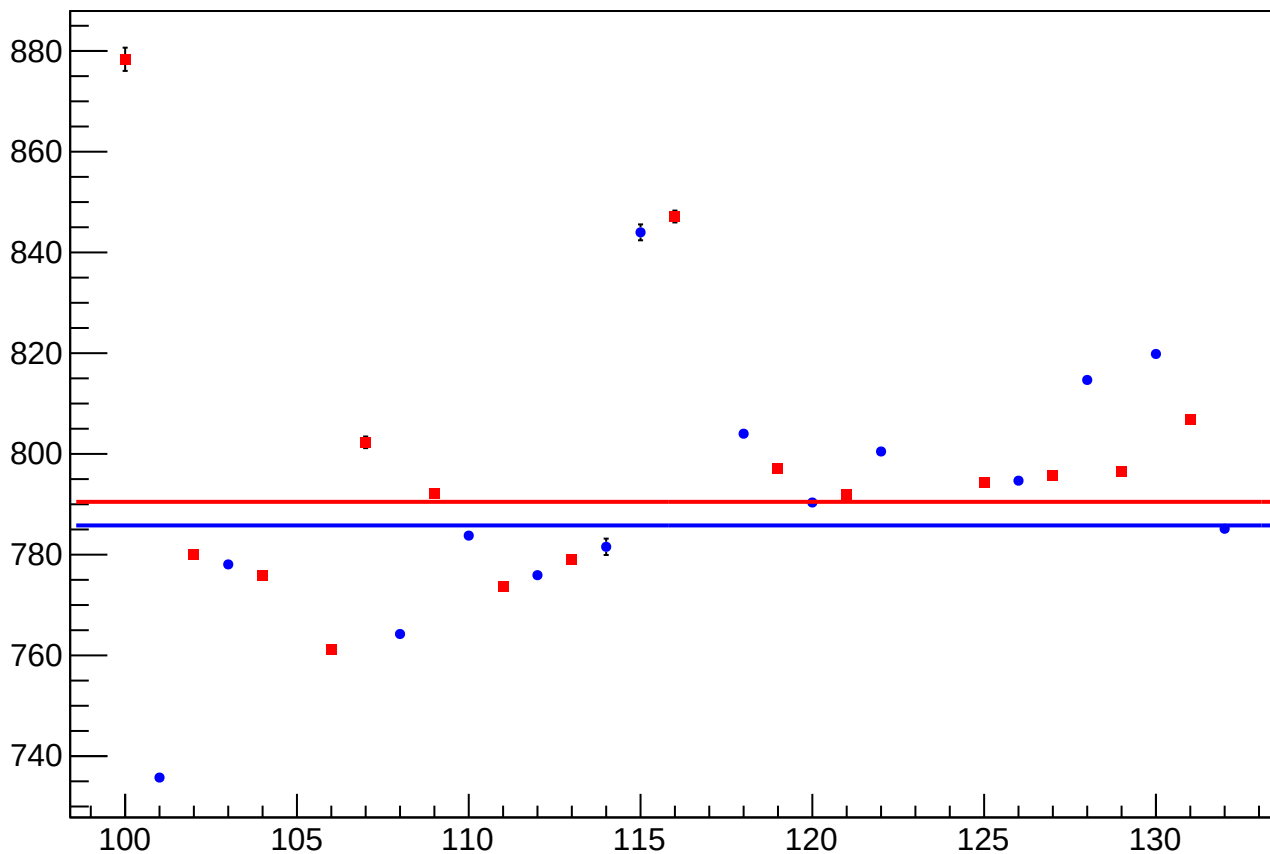
Right: 2115.166+/-225.945 χ^2/NDF : 15.2/28

In: 2353.702+/-321.533 χ^2/NDF : 8.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2115.166+/-225.945 χ^2/NDF : 15.2/28

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 785.802 $\pm$ 0.227 χ^2 /NDF: 12445.9/13

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

Right Out: 790.485 $\pm$ 0.225 χ^2 /NDF: 6584.3/14

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

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

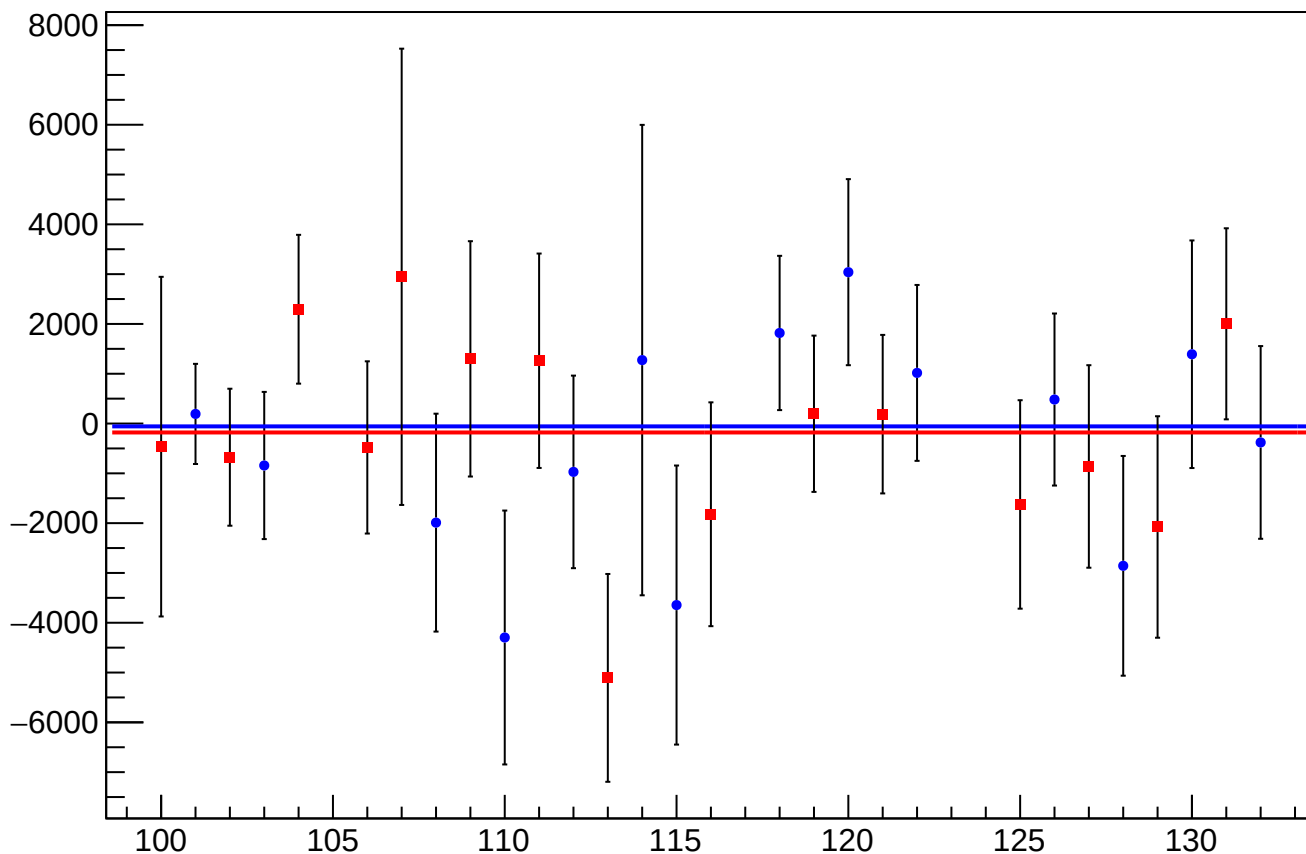
Right: 788.172 $\pm$ 0.160 χ^2 /NDF: 19245.1/28

In: 785.802 $\pm$ 0.227 χ^2 /NDF:12445.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 788.172 $\pm$ 0.160 χ^2 /NDF: 19245.1/28

asym_us_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -57.016+/-483.778 χ^2/NDF : 12.6/13

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

Right Out: -179.205+/-499.229 χ^2/NDF : 13.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

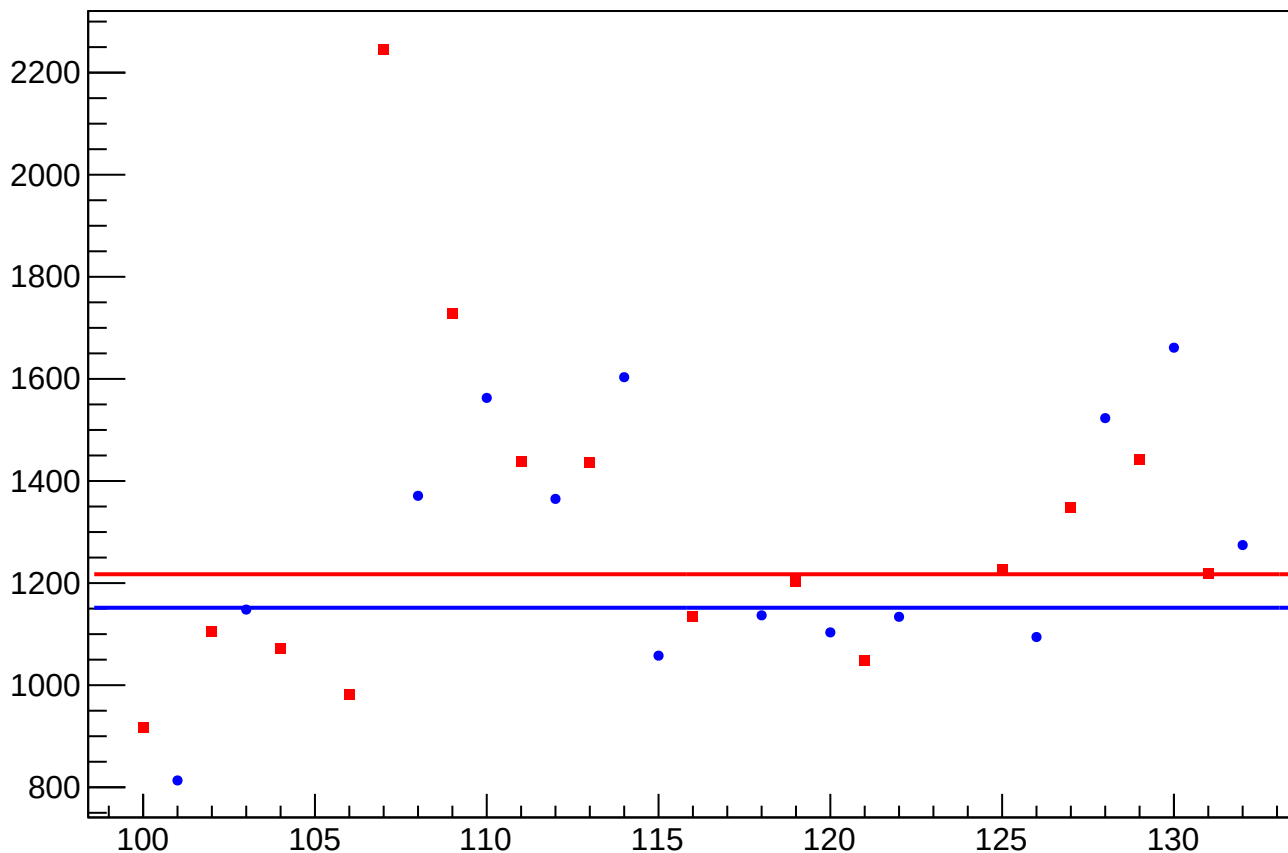
Right: -116.190+/-347.417 χ^2/NDF : 25.6/28

In: -57.016+/-483.778 χ^2/NDF :12.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -116.190+/-347.417 χ^2/NDF : 25.6/28

asym_us_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1151.683+/-0.342 χ^2/NDF : 511507.9/13

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

Right Out: 1217.334+/-0.353 χ^2/NDF : 376367.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

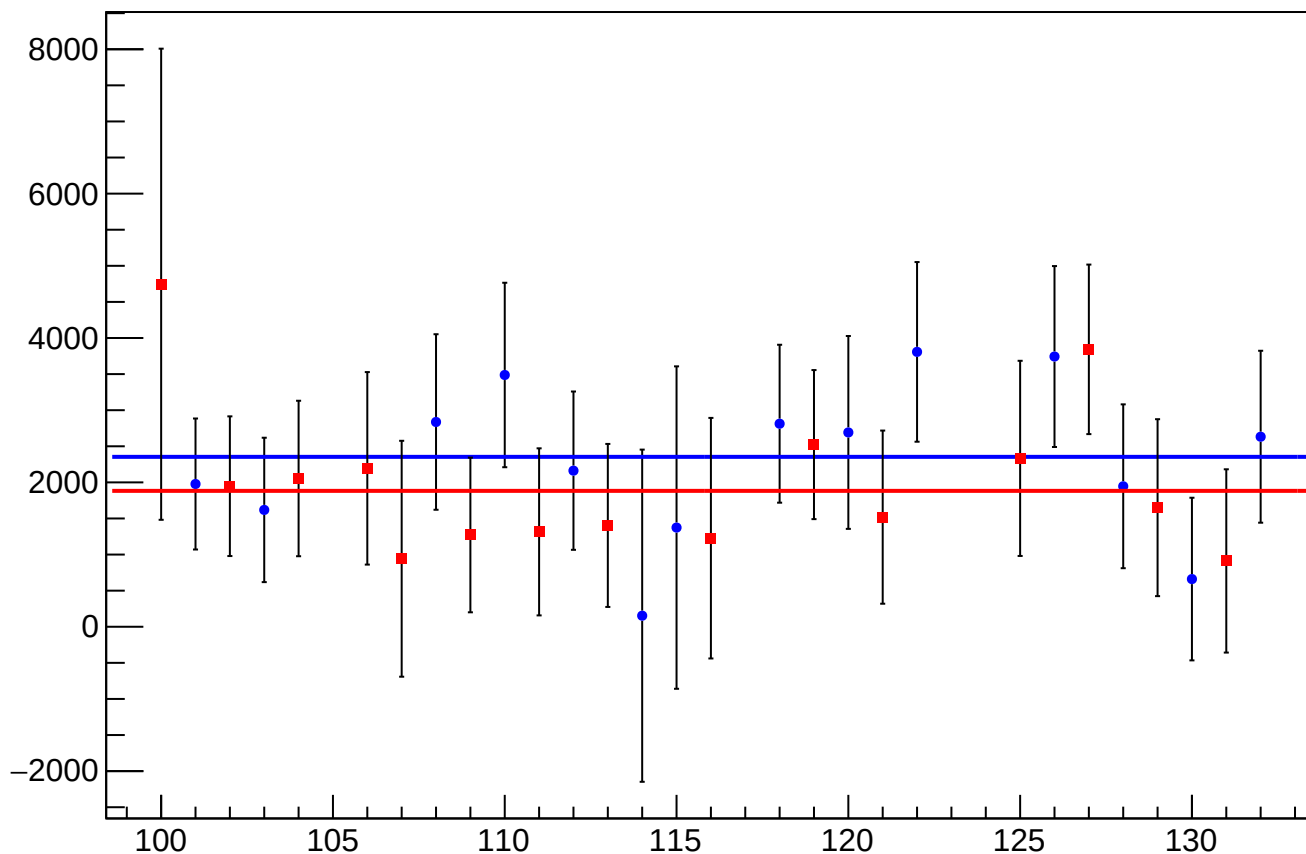
Right: 1183.477+/-0.246 χ^2/NDF : 905712.8/28

In: 1151.683+/-0.342 χ^2/NDF : 511507.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1183.477+/-0.246 χ^2/NDF : 905712.8/28

eigen_dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2353.704+/-321.533 χ^2/NDF : 8.1/13

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

Right Out: 1882.470+/-317.572 χ^2/NDF : 6.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

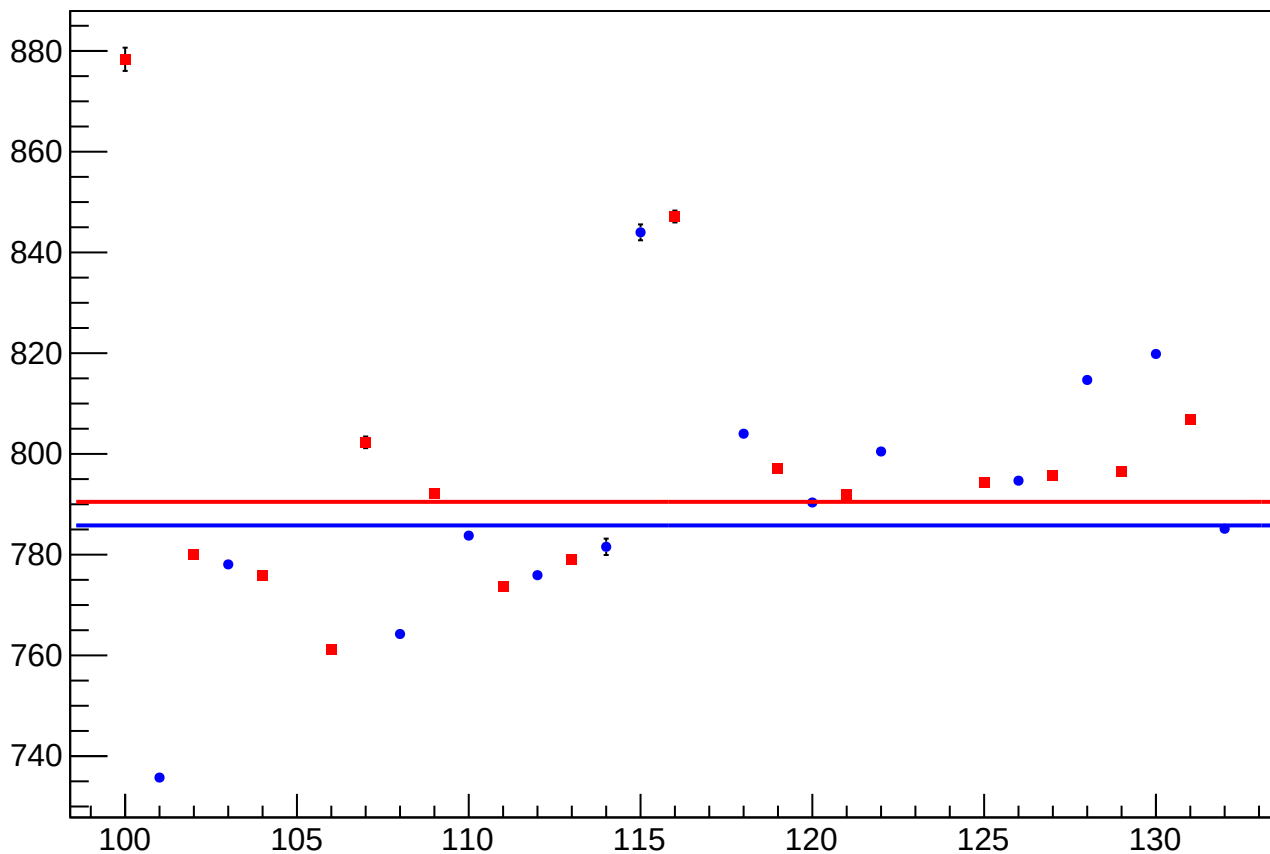
Right: 2115.167+/-225.945 χ^2/NDF : 15.2/28

In: 2353.704+/-321.533 χ^2/NDF : 8.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2115.167+/-225.945 χ^2/NDF : 15.2/28

eigen_dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 785.802 $\pm$ 0.227 χ^2 /NDF: 12445.9/13

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

Right Out: 790.485 $\pm$ 0.225 χ^2 /NDF: 6584.3/14

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

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

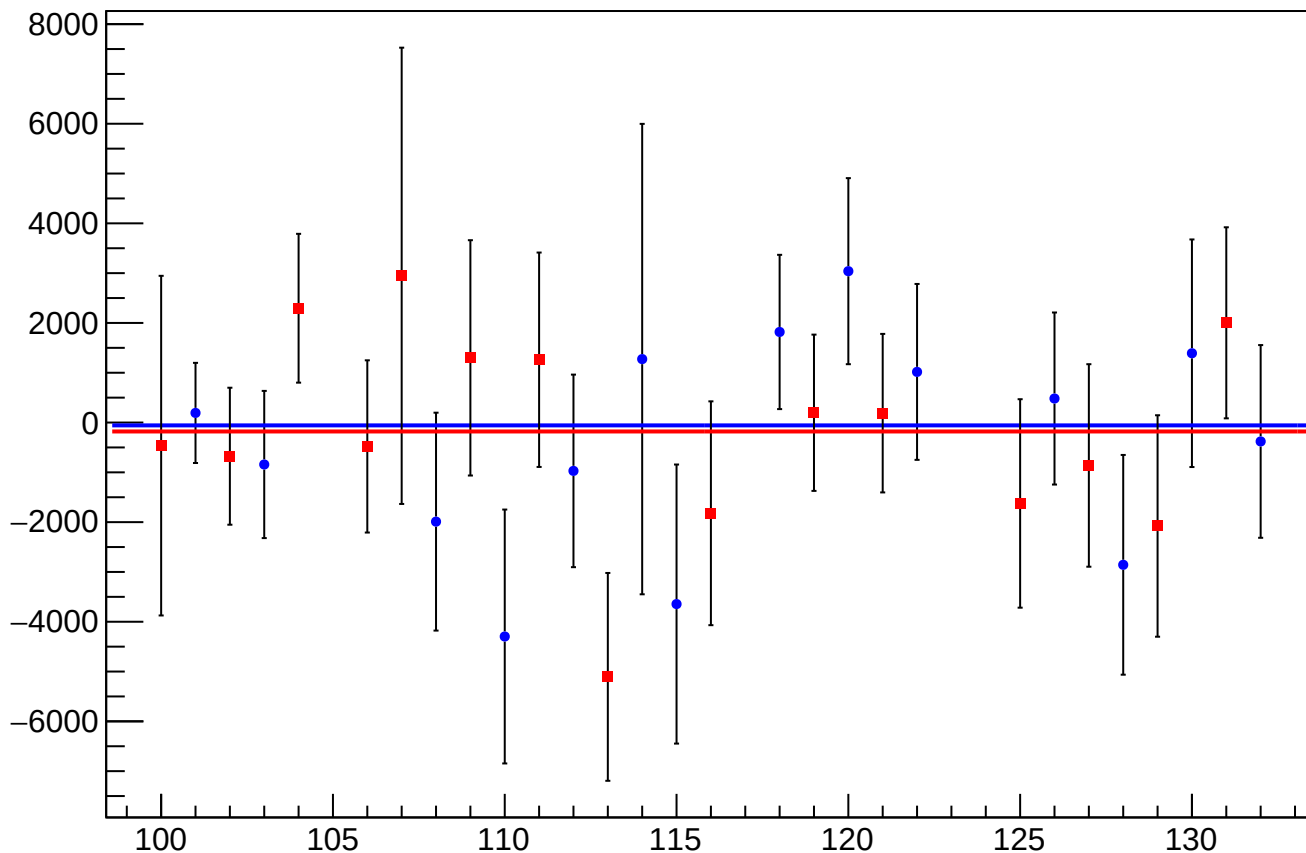
Right: 788.172 $\pm$ 0.160 χ^2 /NDF: 19245.0/28

In: 785.802 $\pm$ 0.227 χ^2 /NDF:12445.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 788.172 $\pm$ 0.160 χ^2 /NDF: 19245.0/28

asym_us_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -57.015 $\pm$ 483.777 χ^2 /NDF: 12.6/13

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

Right Out: -179.204 $\pm$ 499.228 χ^2 /NDF: 13.0/14

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

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

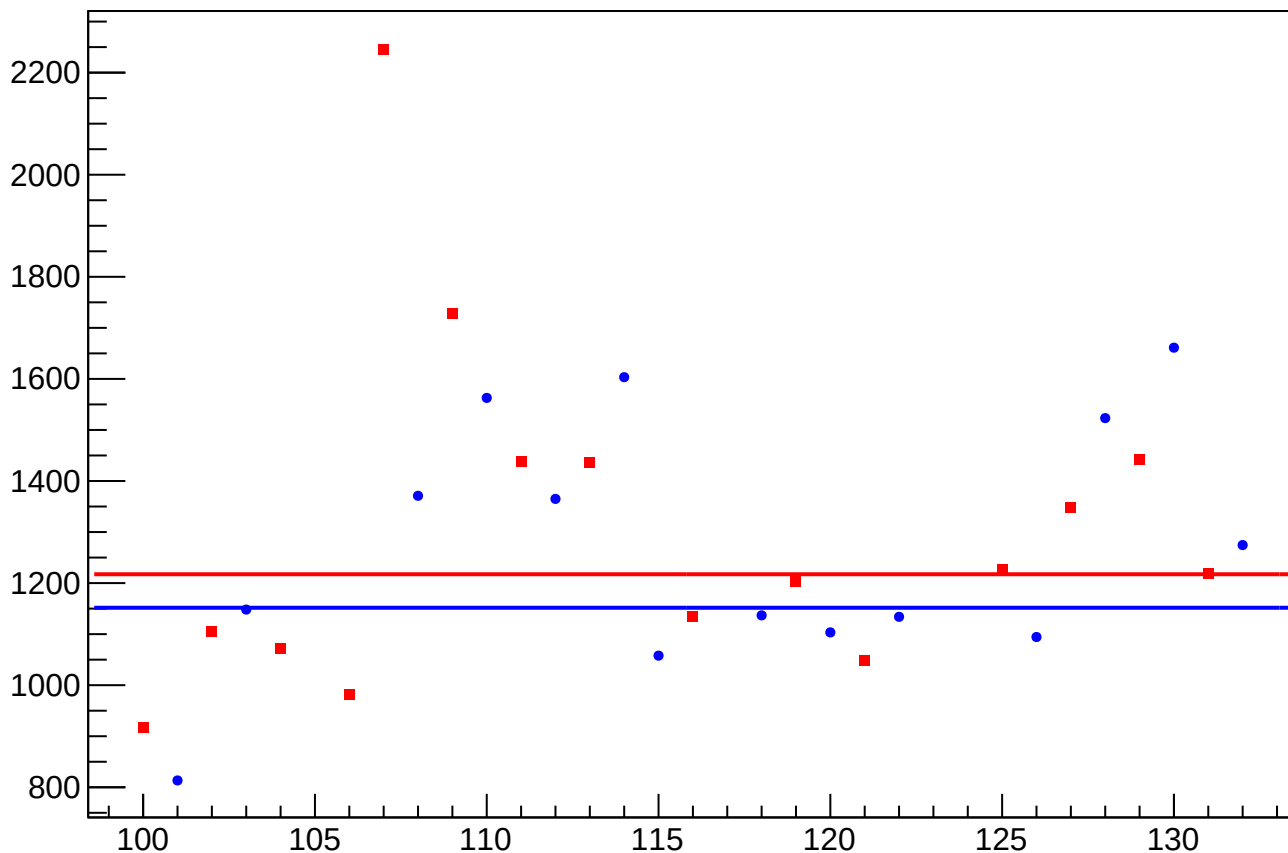
Right: -116.189 $\pm$ 347.416 χ^2 /NDF: 25.6/28

In: -57.015 $\pm$ 483.777 χ^2 /NDF:12.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -116.189 $\pm$ 347.416 χ^2 /NDF: 25.6/28

asym_us_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1151.680+/-0.342 χ^2/NDF : 511503.5/13

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

Right Out: 1217.331+/-0.353 χ^2/NDF : 376365.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

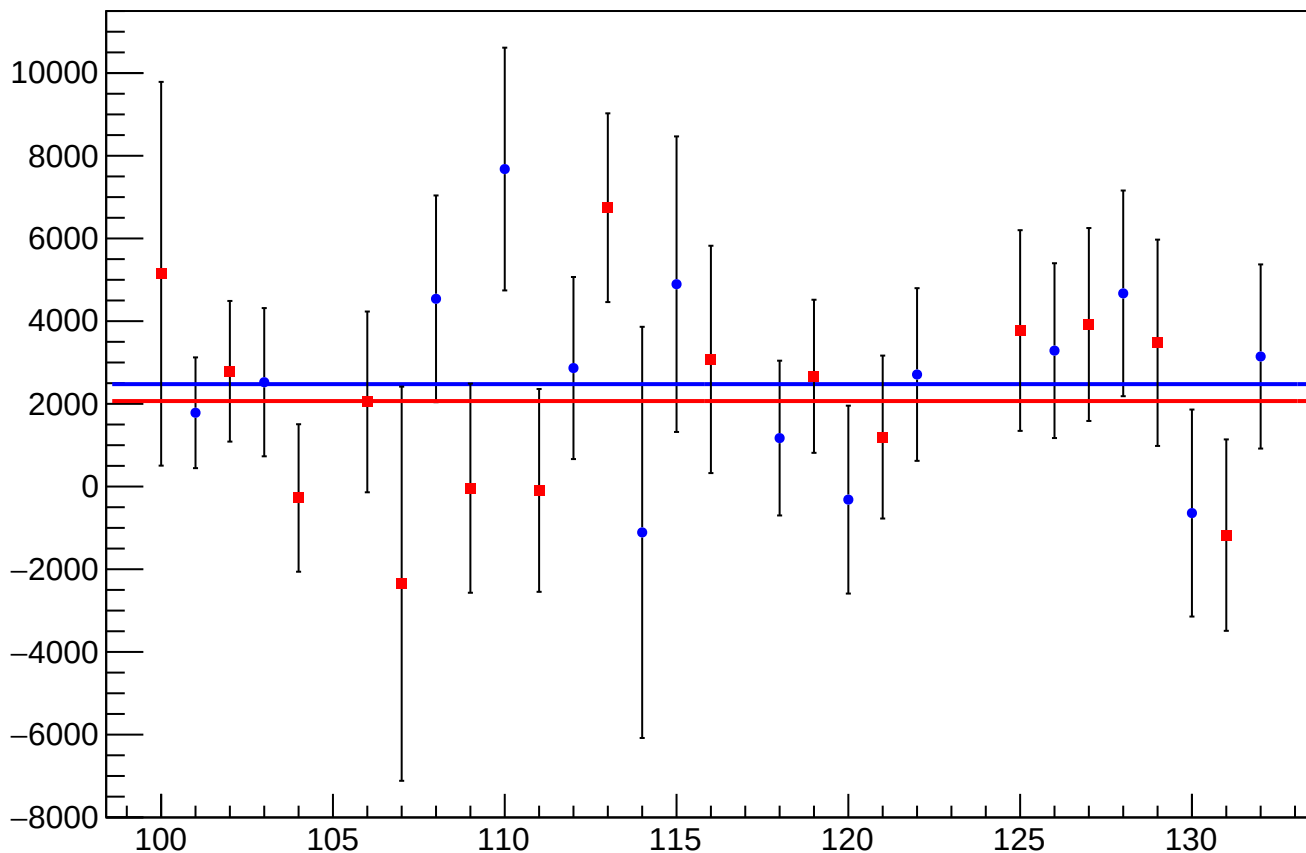
Right: 1183.474+/-0.246 χ^2/NDF : 905706.0/28

In: 1151.680+/-0.342 χ^2/NDF : 511503.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1183.474+/-0.246 χ^2/NDF : 905706.0/28

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2476.823 $\pm$ 584.710 χ^2 /NDF: 9.7/13

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

Right Out: 2067.507 $\pm$ 591.671 χ^2 /NDF: 12.7/14

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

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

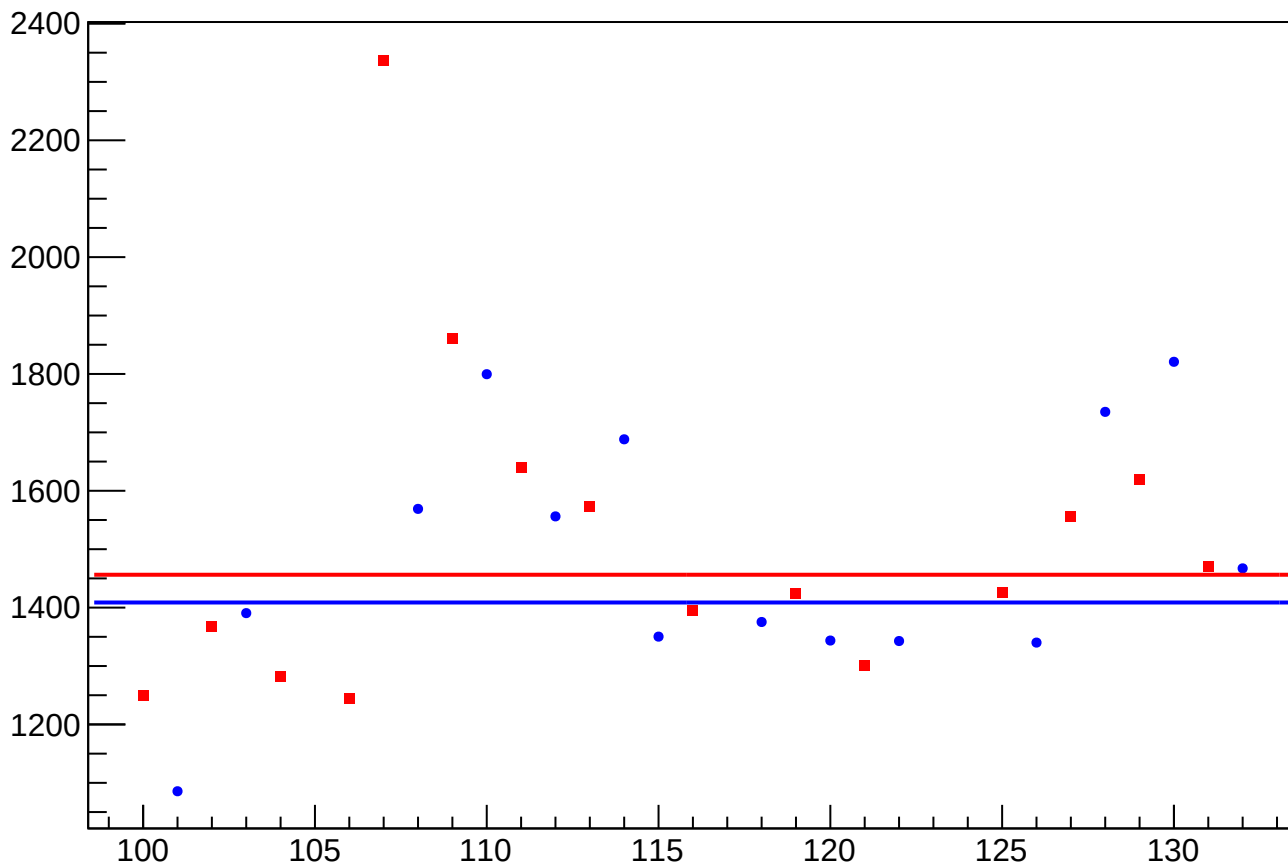
Right: 2274.587 $\pm$ 415.892 χ^2 /NDF: 22.6/28

In: 2476.823 $\pm$ 584.710 χ^2 /NDF:9.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2274.587 $\pm$ 415.892 χ^2 /NDF: 22.6/28

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1408.759+/-0.413 χ^2/NDF : 272513.1/13

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

Right Out: 1456.259+/-0.418 χ^2/NDF : 209711.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

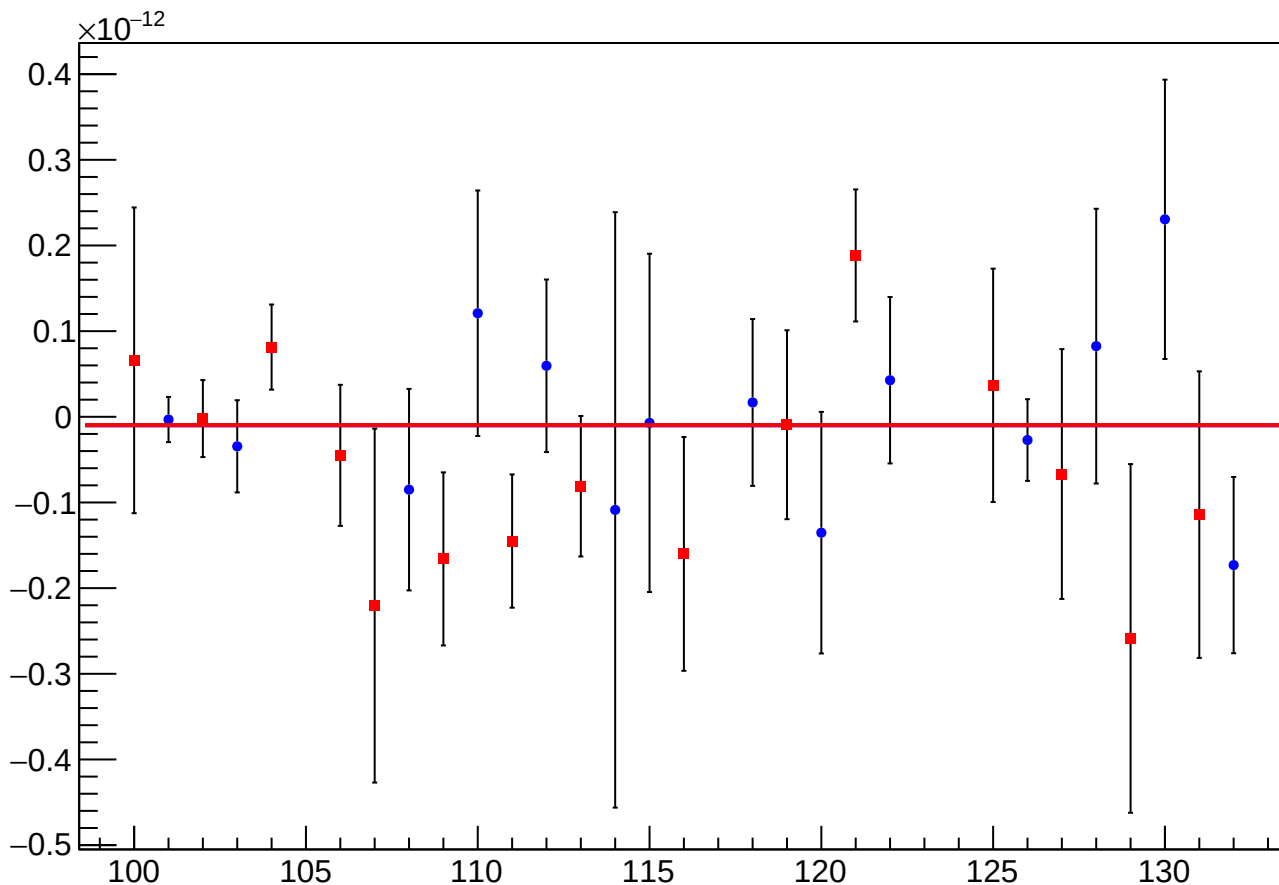
Right: 1432.228+/-0.294 χ^2/NDF : 488746.4/28

In: 1408.759+/-0.413 χ^2/NDF : 272513.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1432.228+/-0.294 χ^2/NDF : 488746.4/28

asym_us_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.4/13

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

Right Out: -0.000+/-0.000 χ^2/NDF : 20.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

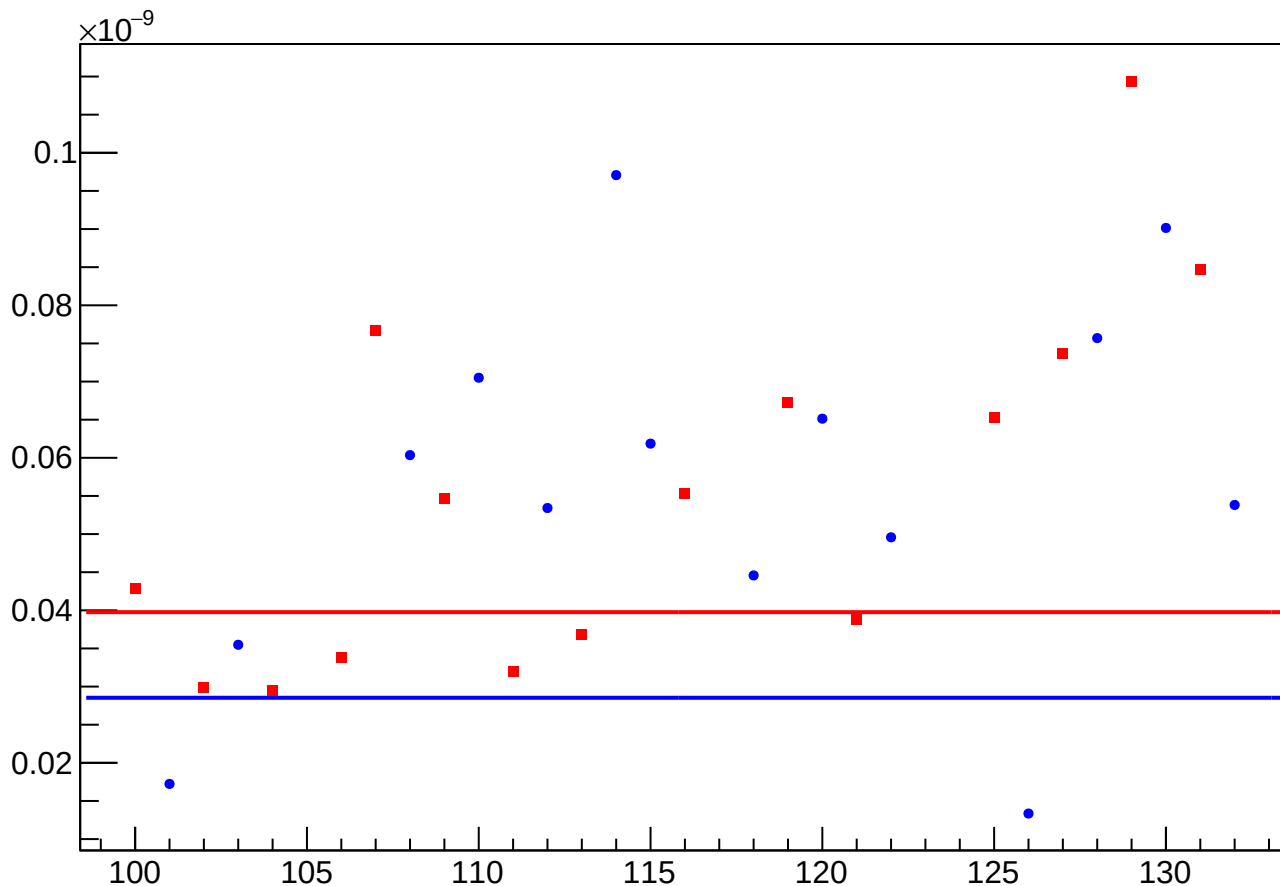
Right: -0.000+/-0.000 χ^2/NDF : 29.3/28

In: -0.000+/-0.000 χ^2/NDF :8.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.3/28

asym_us_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000

χ^2/NDF : 2040475.2/13

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000

χ^2/NDF : 1028709.4/14

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.000+/-0.000

χ^2/NDF : 3365991.9/28

In: 0.000+/-0.000

χ^2/NDF : 2040475.2/13

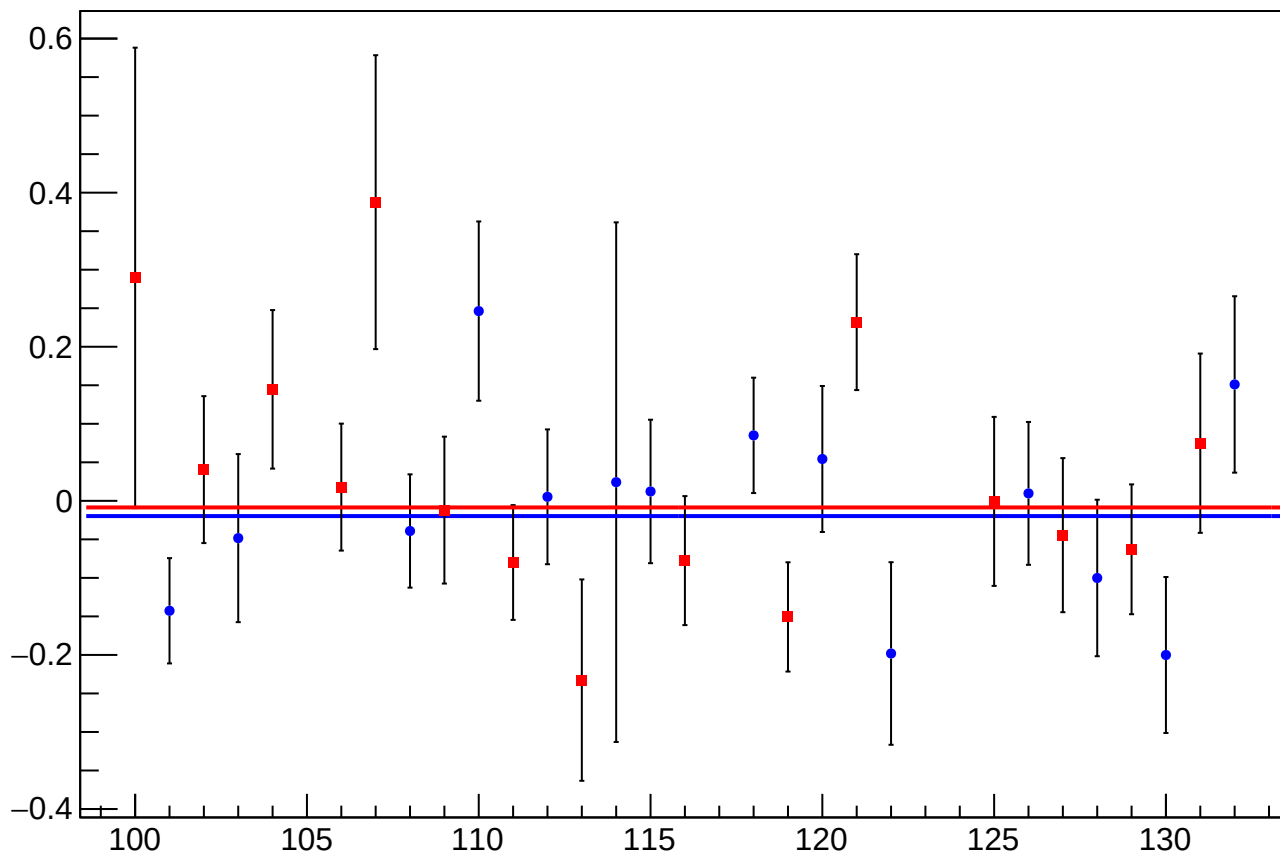
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.000+/-0.000

χ^2/NDF : 3365991.9/28

asym_us_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.025 χ^2/NDF : 19.8/13

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

Right Out: -0.009 ± 0.025 χ^2/NDF : 25.0/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

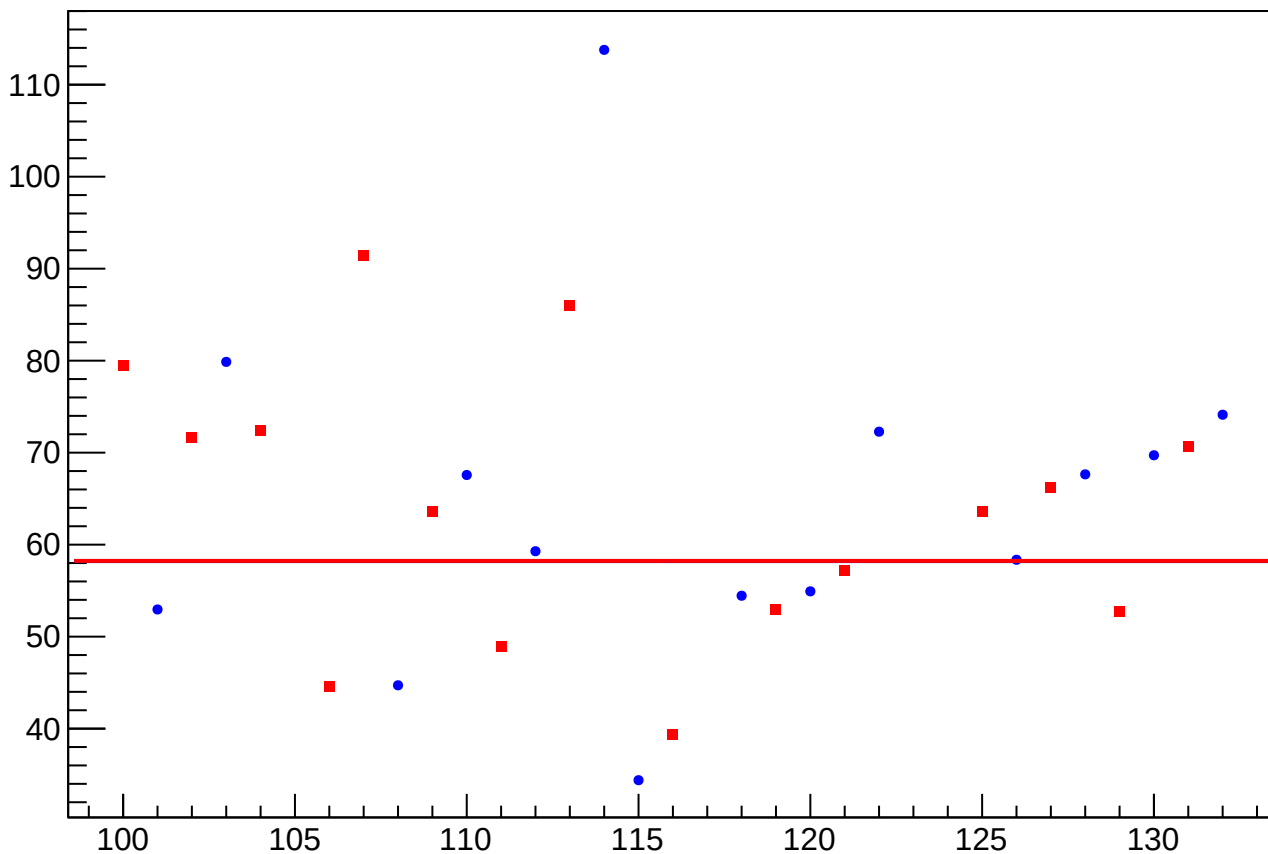
Right: -0.014 ± 0.018 χ^2/NDF : 44.8/28

In: -0.020 ± 0.025 χ^2/NDF : 19.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.014 ± 0.018 χ^2/NDF : 44.8/28

asym_us_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.214+/-0.018 χ^2/NDF : 473853.4/13

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

Right Out: 58.234+/-0.018 χ^2/NDF : 492715.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

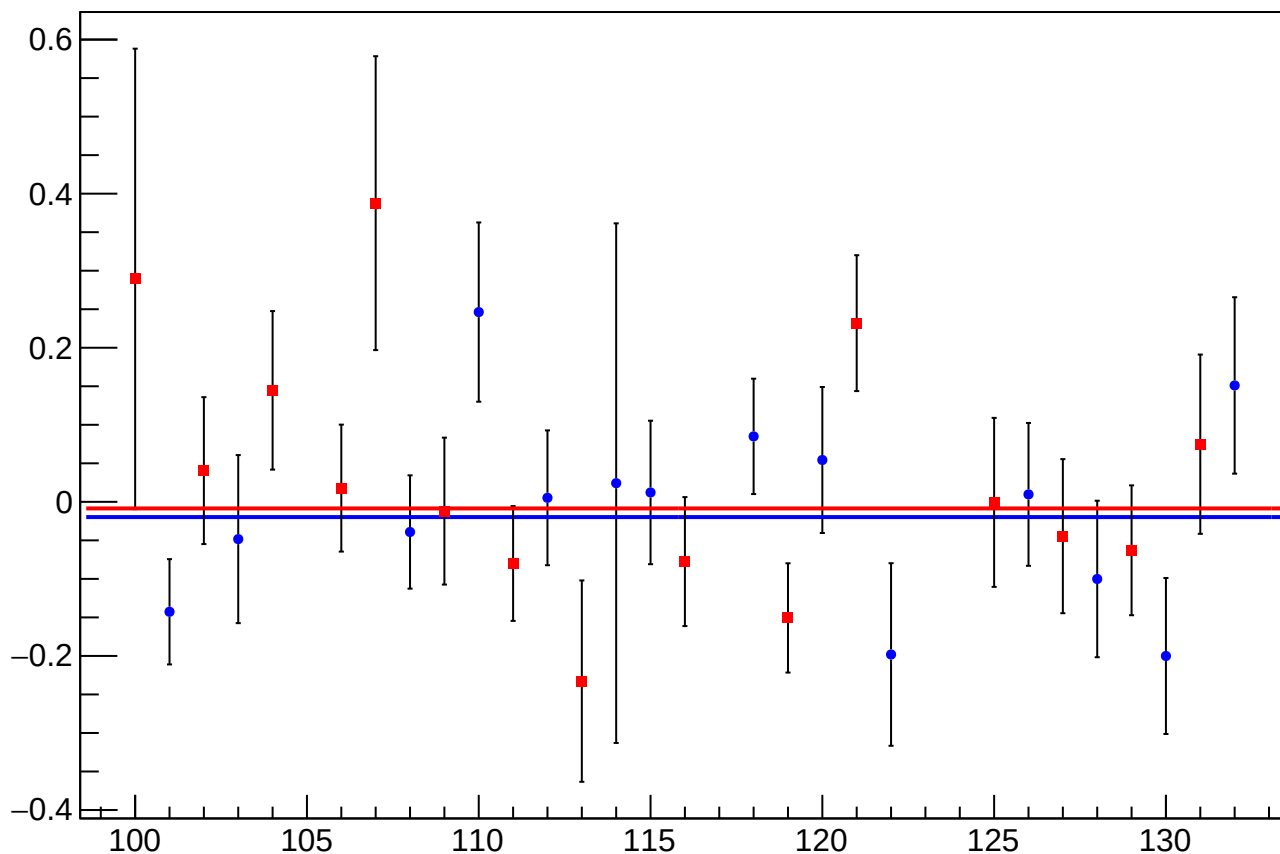
Right: 58.224+/-0.013 χ^2/NDF : 966569.7/28

In: 58.214+/-0.018 χ^2/NDF : 473853.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.224+/-0.013 χ^2/NDF : 966569.7/28

asym_us_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.025 χ^2/NDF : 19.8/13

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

Right Out: -0.009 ± 0.025 χ^2/NDF : 25.0/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

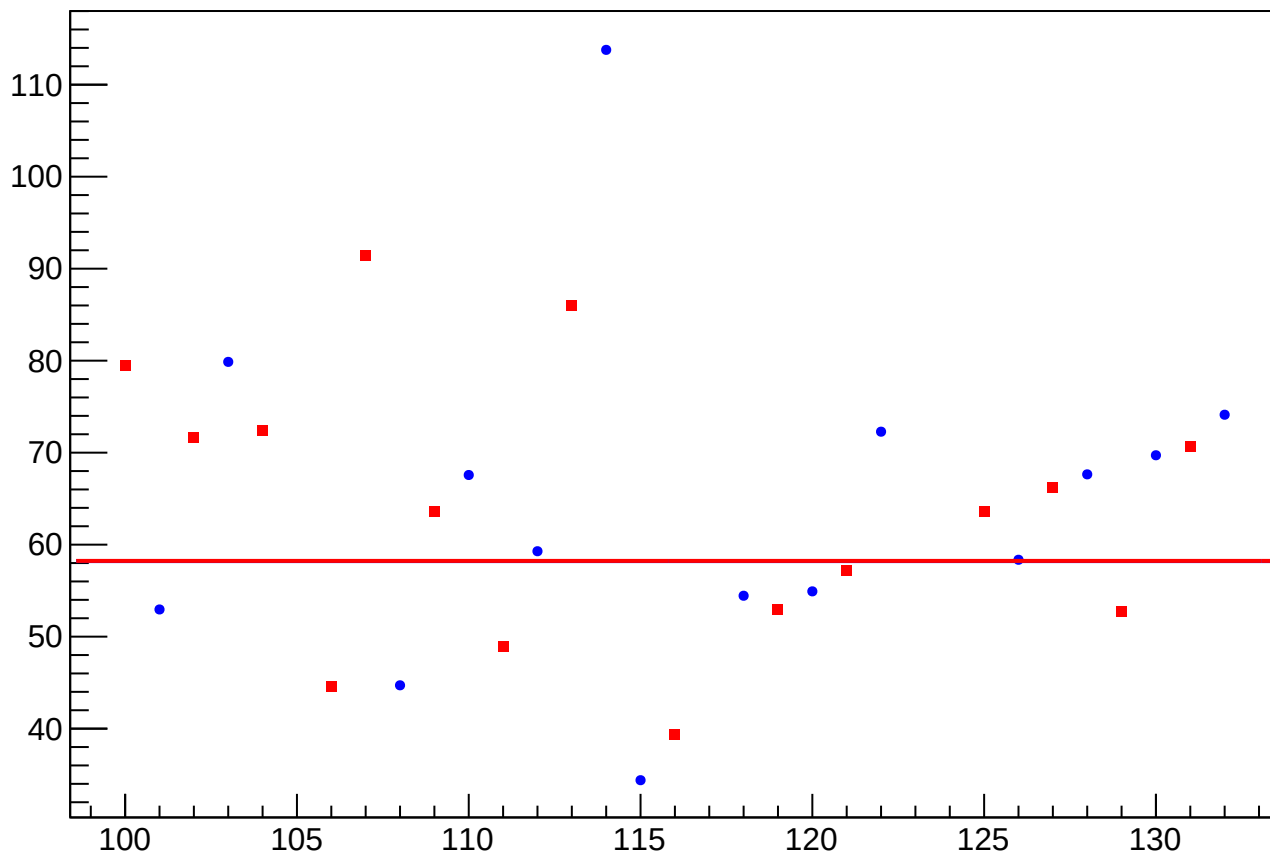
Right: -0.014 ± 0.018 χ^2/NDF : 44.8/28

In: -0.020 ± 0.025 χ^2/NDF : 19.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.014 ± 0.018 χ^2/NDF : 44.8/28

asym_us_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.214+/-0.018 χ^2/NDF : 473853.4/13

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

Right Out: 58.234+/-0.018 χ^2/NDF : 492715.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

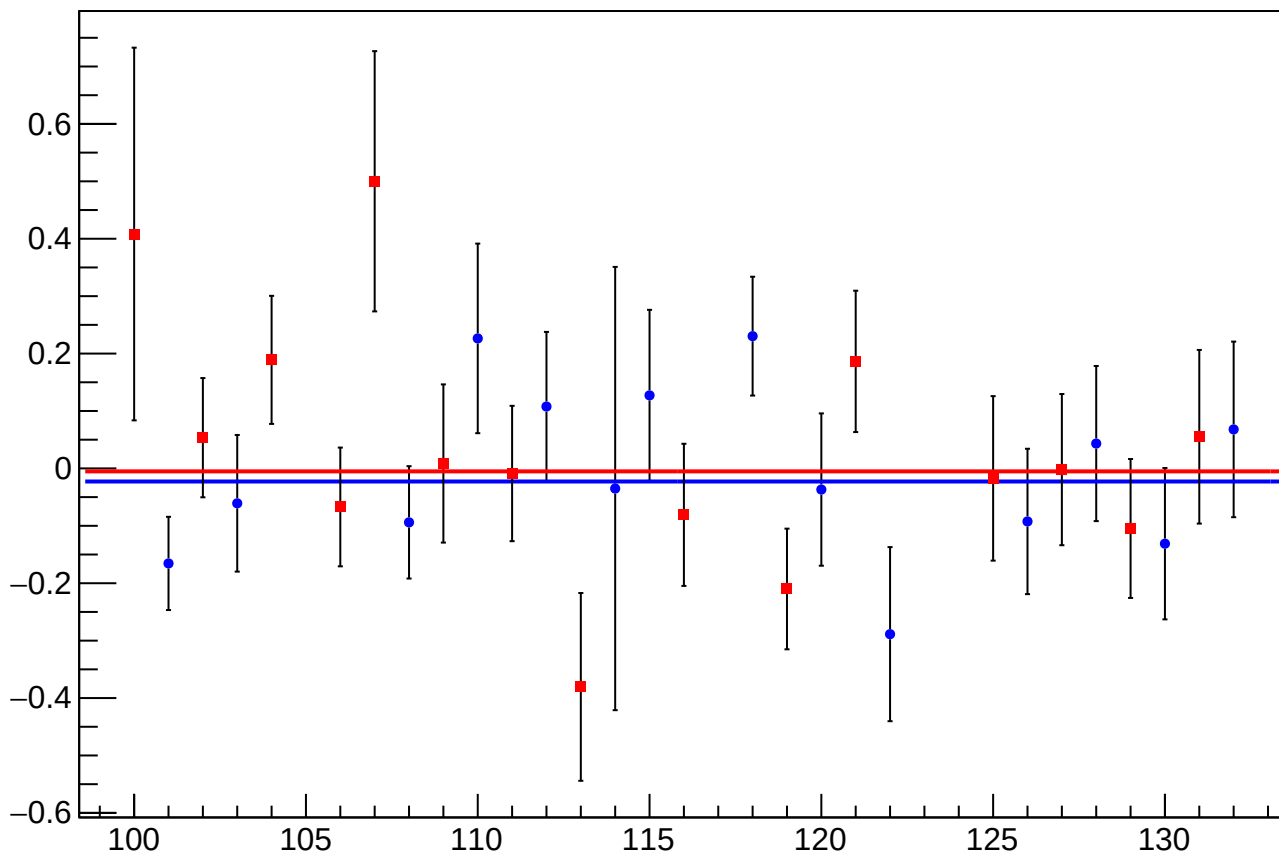
Right: 58.224+/-0.013 χ^2/NDF : 966569.7/28

In: 58.214+/-0.018 χ^2/NDF : 473853.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.224+/-0.013 χ^2/NDF : 966569.7/28

asym_us_avg_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.023+/-0.034 χ^2/NDF : 18.7/13

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

Right Out: -0.005+/-0.033 χ^2/NDF : 23.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

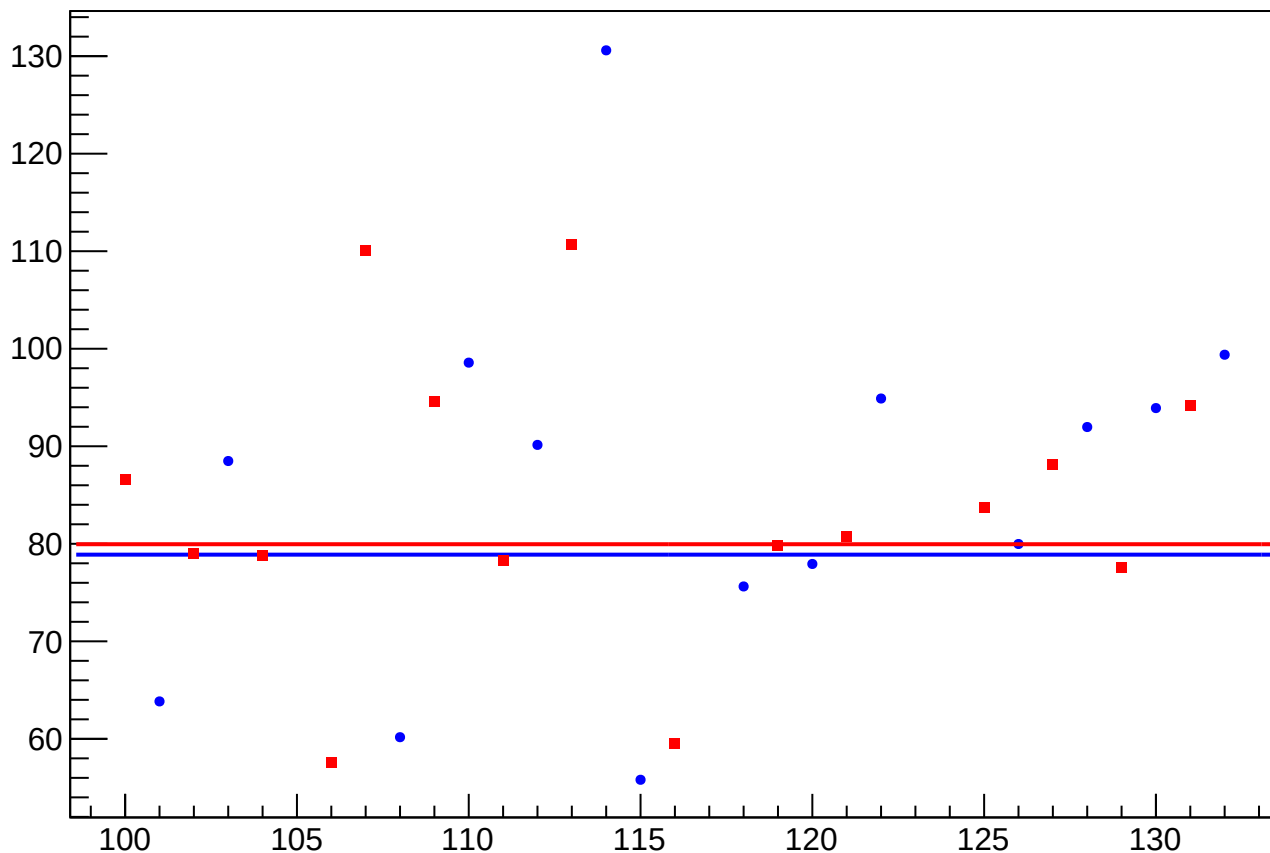
Right: -0.014+/-0.024 χ^2/NDF : 41.8/28

In: -0.023+/-0.034 χ^2/NDF : 18.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.014+/-0.024 χ^2/NDF : 41.8/28

asym_us_avg_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 78.887+/-0.024 χ^2/NDF : 387474.9/13

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

Right Out: 79.956+/-0.024 χ^2/NDF : 305663.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

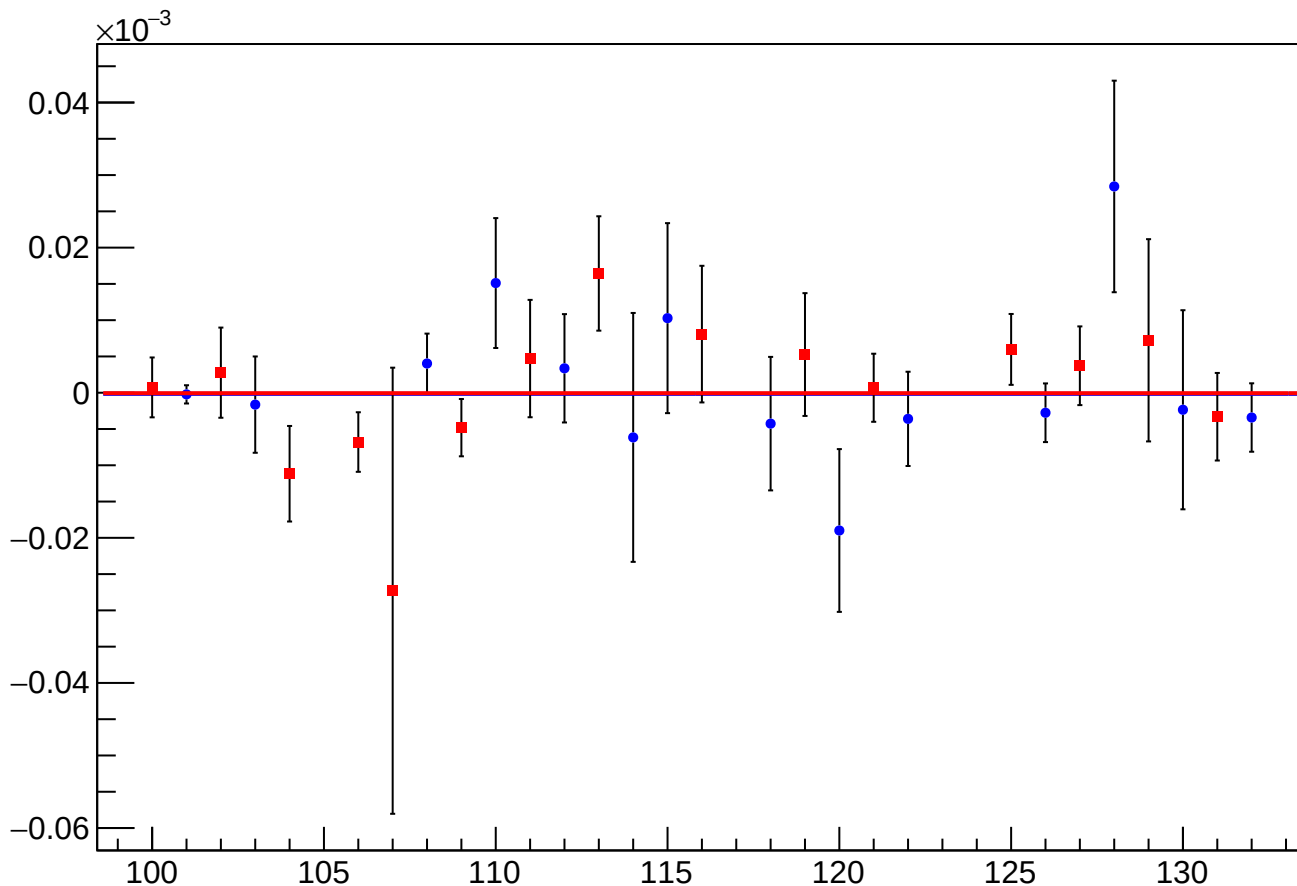
Right: 79.425+/-0.017 χ^2/NDF : 694158.6/28

In: 78.887+/-0.024 χ^2/NDF : 387474.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.425+/-0.017 χ^2/NDF : 694158.6/28

asym_us_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.0/13

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

Right Out: -0.000+/-0.000 χ^2/NDF : 16.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

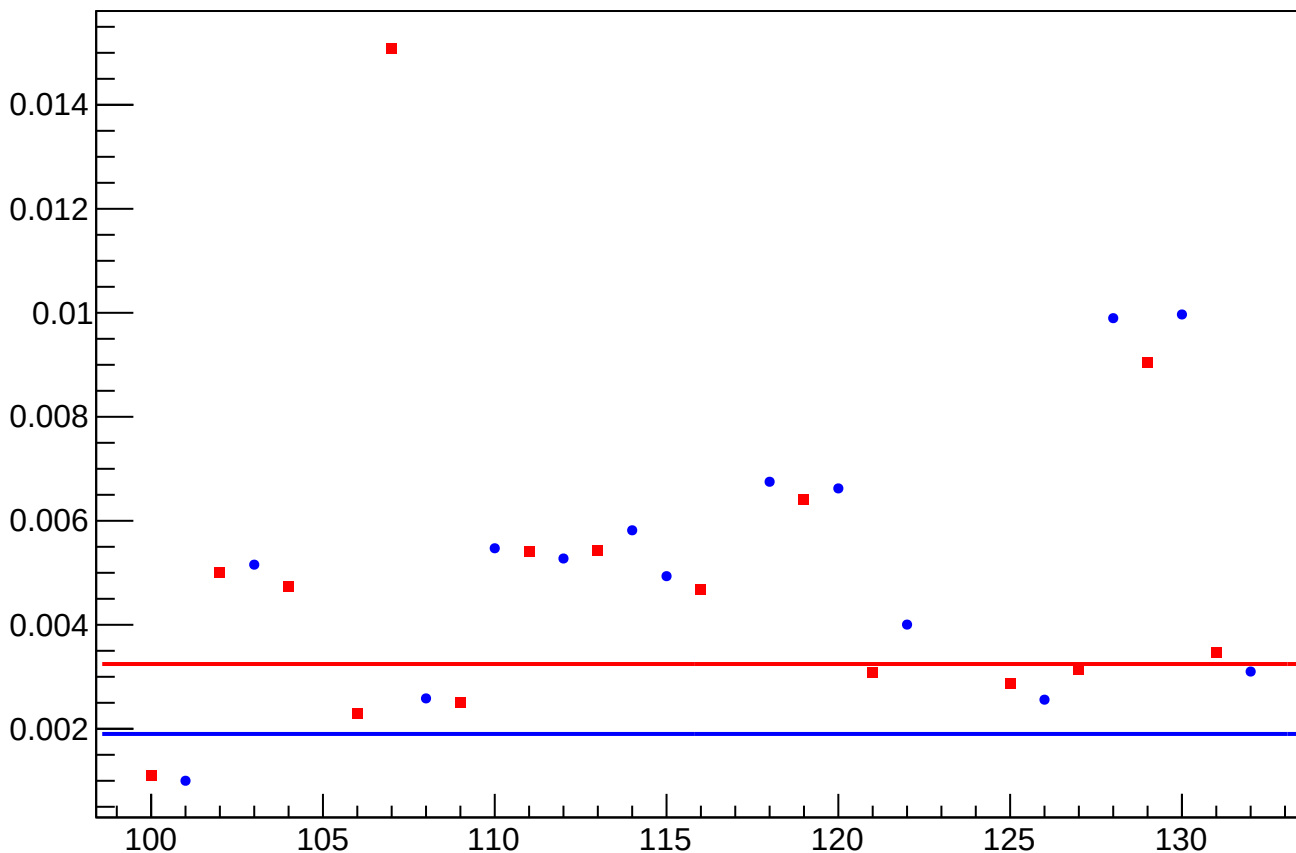
Right: -0.000+/-0.000 χ^2/NDF : 29.5/28

In: -0.000+/-0.000 χ^2/NDF : 13.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.5/28

asym_us_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 5095208.3/13

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

Right Out: 0.003+/-0.000 χ^2/NDF : 2257831.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

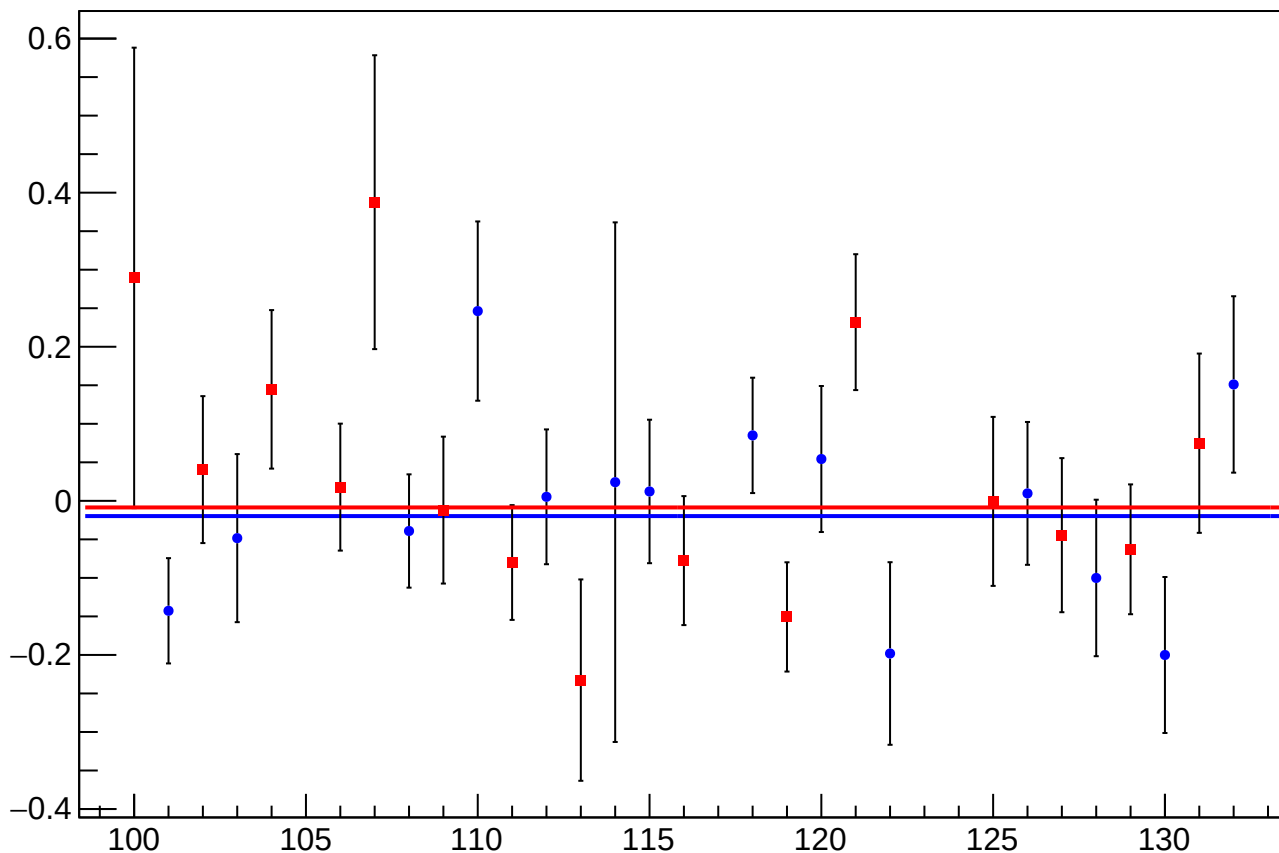
Right: 0.002+/-0.000 χ^2/NDF : 8432222.9/28

In: 0.002+/-0.000 χ^2/NDF :5095208.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 8432222.9/28

asym_us_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.025 χ^2/NDF : 19.8/13

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

Right Out: -0.009+/-0.025 χ^2/NDF : 25.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

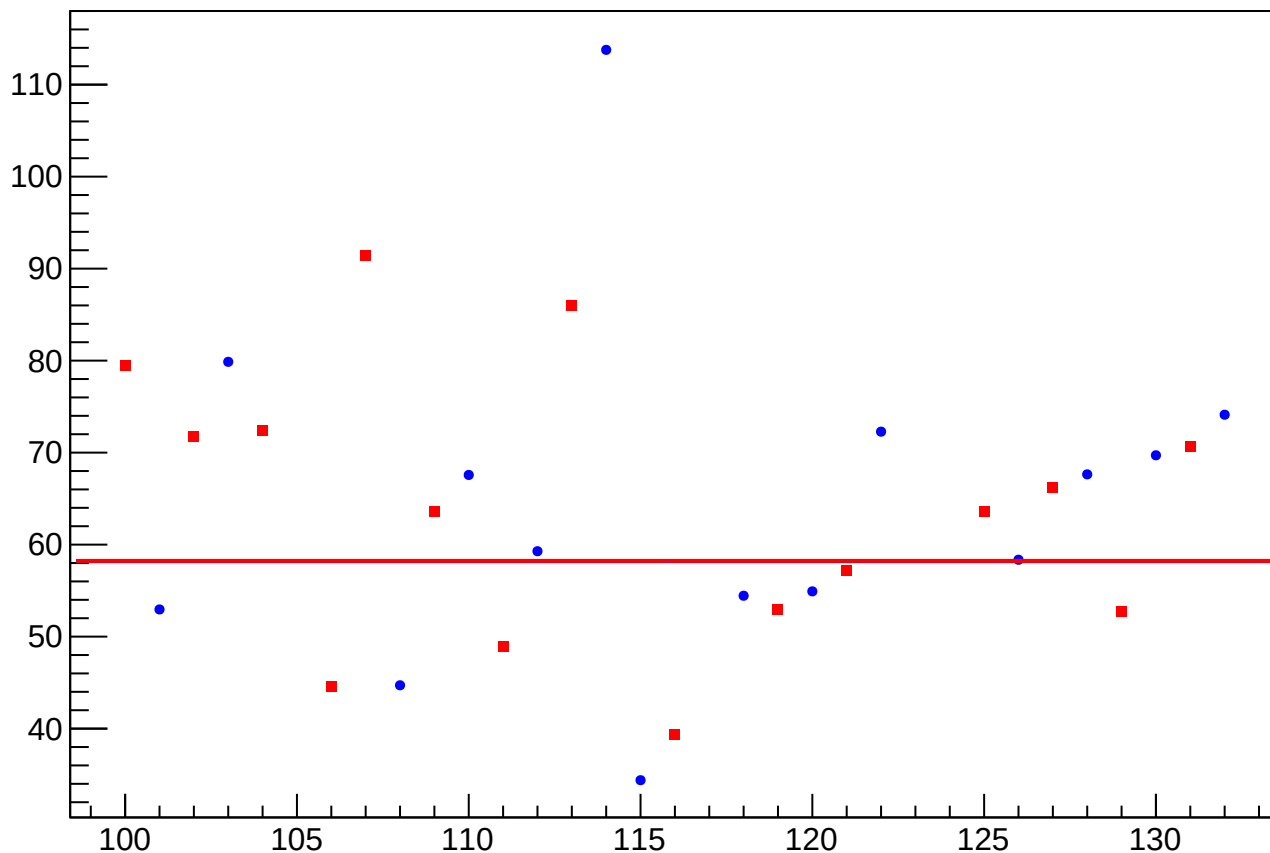
Right: -0.014+/-0.018 χ^2/NDF : 44.8/28

In: -0.020+/-0.025 χ^2/NDF : 19.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.014+/-0.018 χ^2/NDF : 44.8/28

asym_us_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.212+/-0.018 χ^2/NDF : 473848.8/13

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

Right Out: 58.232+/-0.018 χ^2/NDF : 492737.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

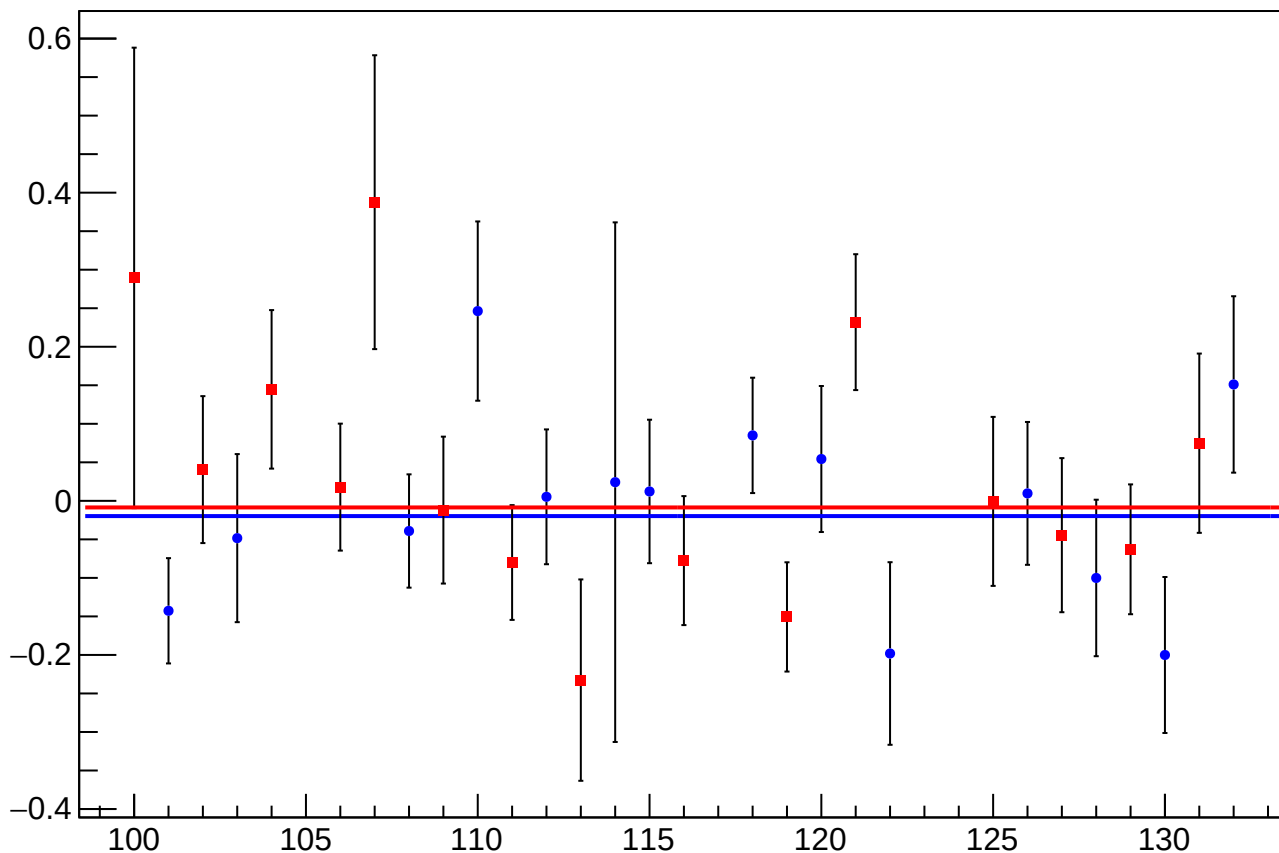
Right: 58.222+/-0.013 χ^2/NDF : 966586.8/28

In: 58.212+/-0.018 χ^2/NDF : 473848.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.222+/-0.013 χ^2/NDF : 966586.8/28

asym_us_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.025 χ^2/NDF : 19.8/13

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

Right Out: -0.009+/-0.025 χ^2/NDF : 25.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

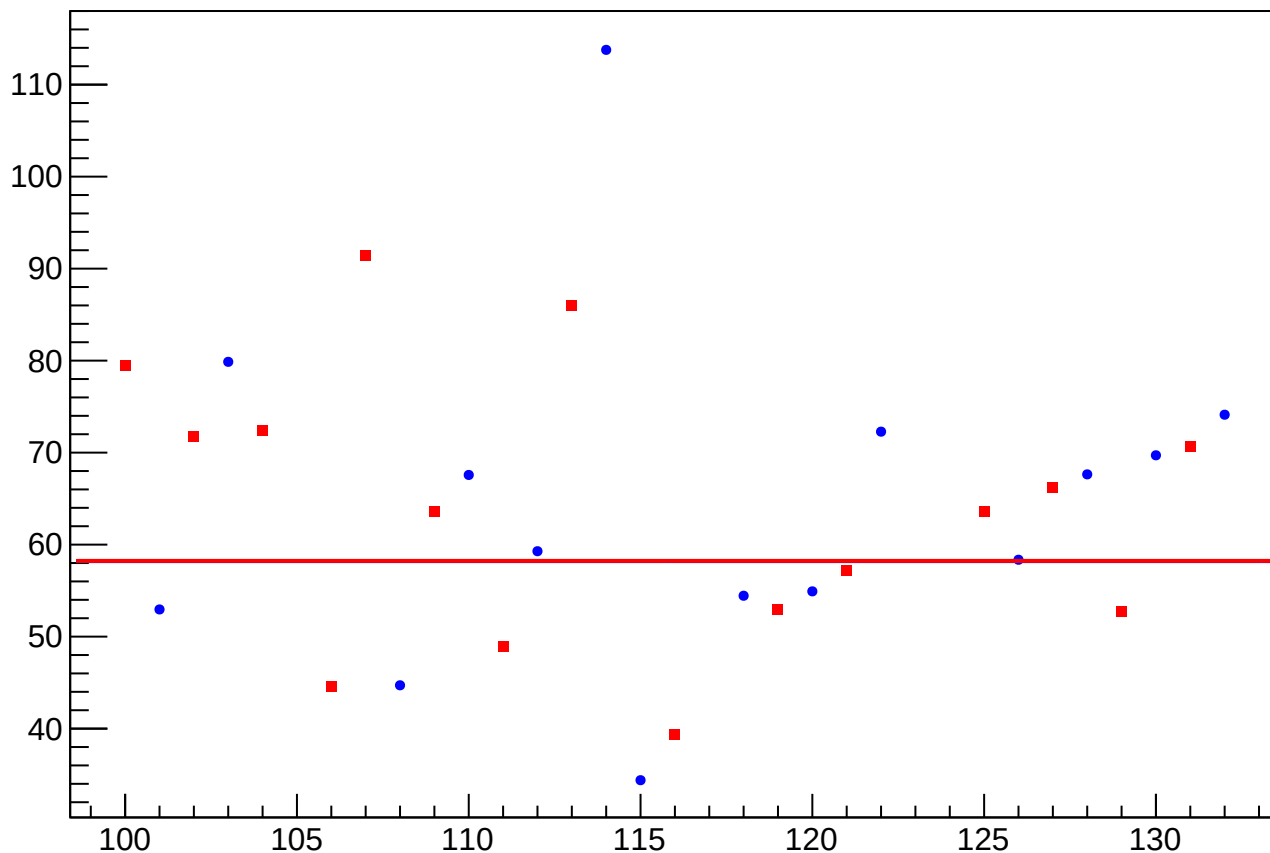
Right: -0.014+/-0.018 χ^2/NDF : 44.8/28

In: -0.020+/-0.025 χ^2/NDF : 19.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.014+/-0.018 χ^2/NDF : 44.8/28

asym_us_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.212+/-0.018 χ^2/NDF : 473848.8/13

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

Right Out: 58.232+/-0.018 χ^2/NDF : 492737.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

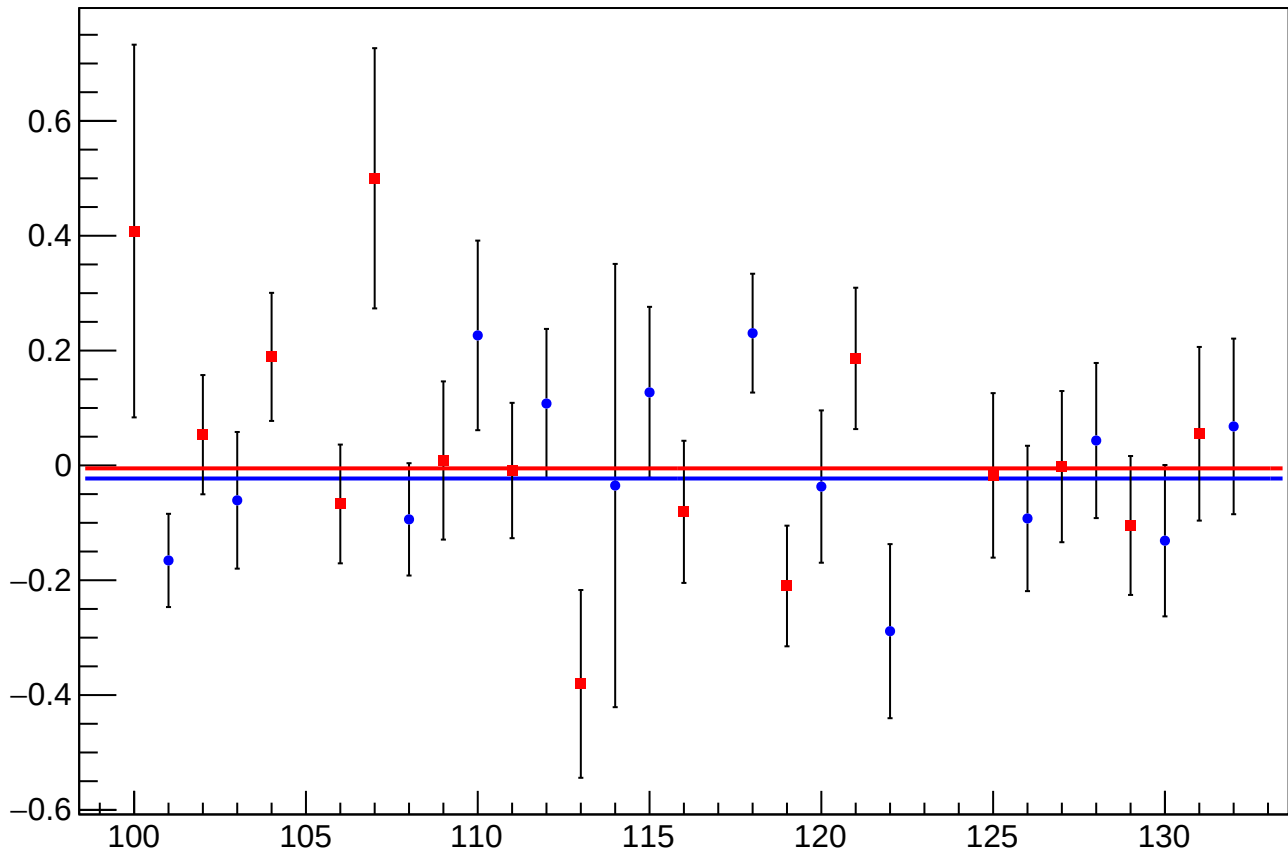
Right: 58.222+/-0.013 χ^2/NDF : 966586.8/28

In: 58.212+/-0.018 χ^2/NDF :473848.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 58.222+/-0.013 χ^2/NDF : 966586.8/28

asym_us_avg_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.023 ± 0.034 χ^2/NDF : 18.7/13

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

Right Out: -0.005 ± 0.033 χ^2/NDF : 23.0/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

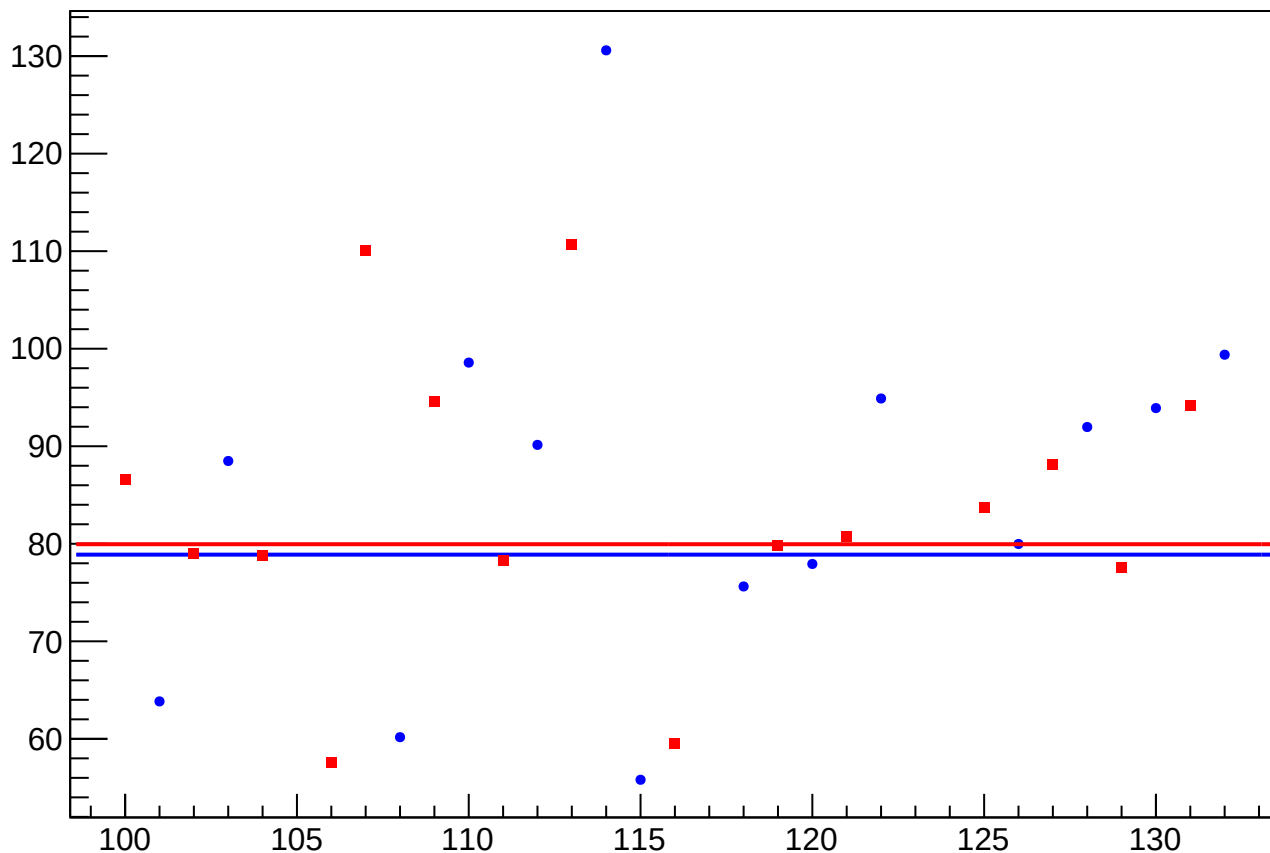
Right: -0.014 ± 0.024 χ^2/NDF : 41.8/28

In: -0.023 ± 0.034 χ^2/NDF : 18.7/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.014 ± 0.024 χ^2/NDF : 41.8/28

asym_us_avg_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 78.886+/-0.024 χ^2/NDF : 387454.8/13

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

Right Out: 79.955+/-0.024 χ^2/NDF : 305659.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

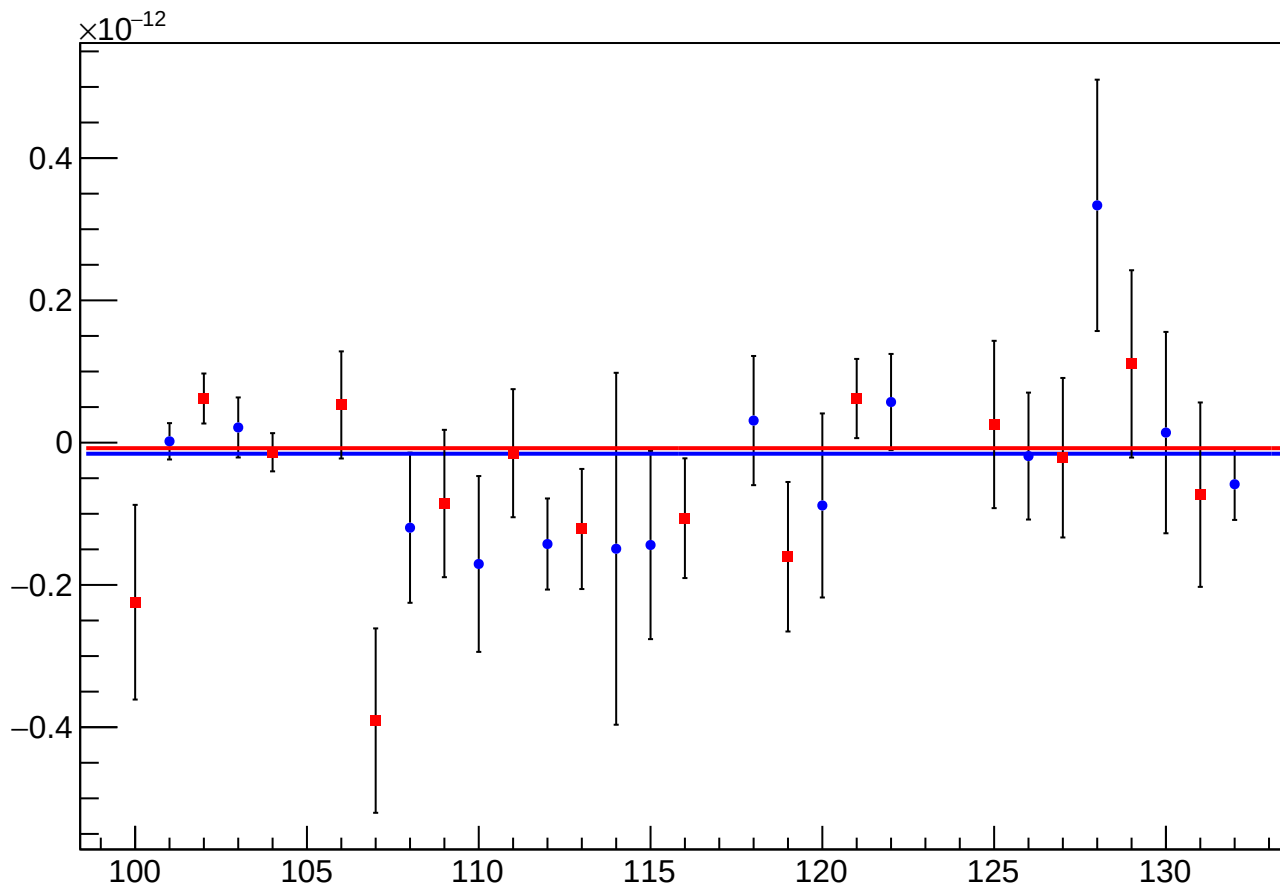
Right: 79.424+/-0.017 χ^2/NDF : 694134.0/28

In: 78.886+/-0.024 χ^2/NDF : 387454.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.424+/-0.017 χ^2/NDF : 694134.0/28

asym_us_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.4/13

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

Right Out: -0.000+/-0.000 χ^2/NDF : 24.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

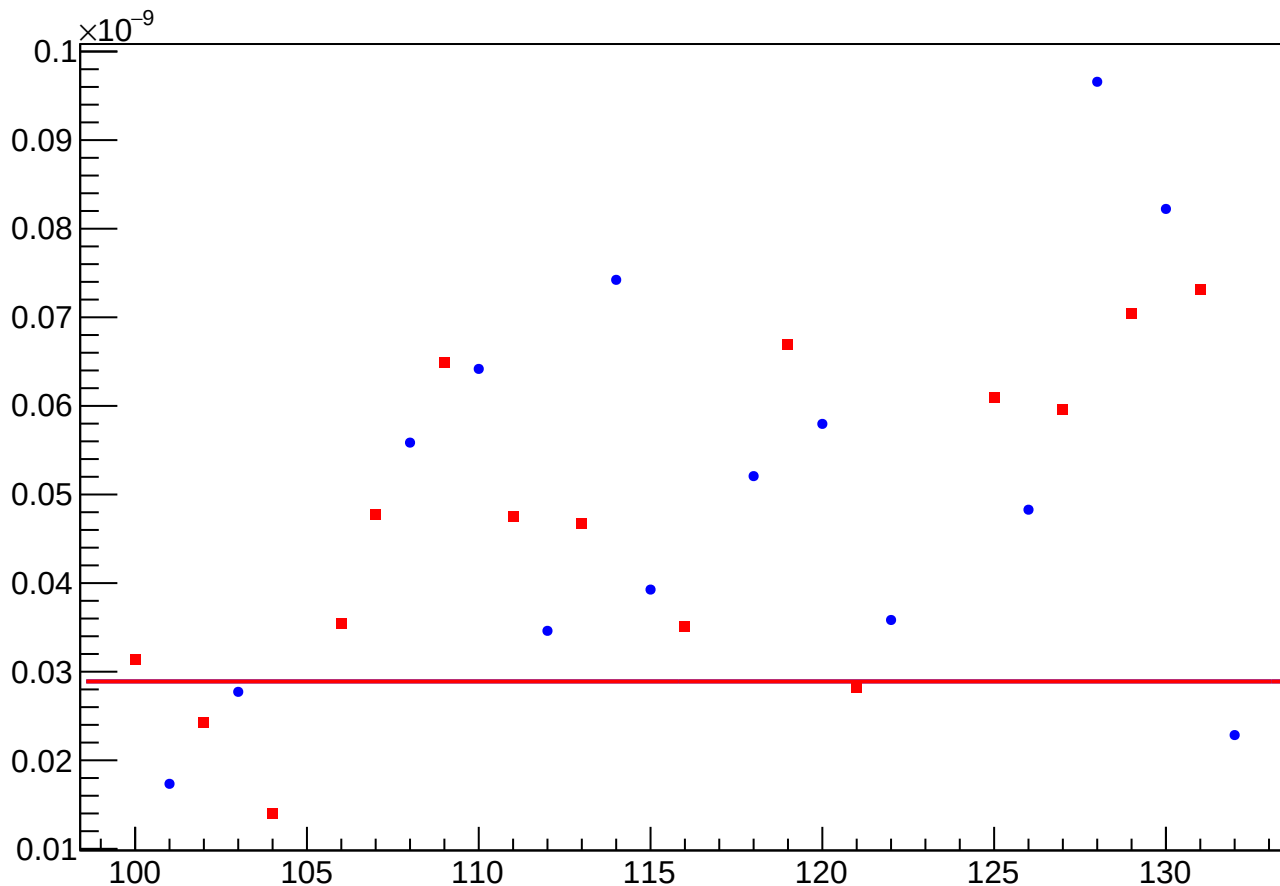
Right: -0.000+/-0.000 χ^2/NDF : 39.9/28

In: -0.000+/-0.000 χ^2/NDF : 15.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 39.9/28

asym_us_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1753073.2/13

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2130296.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

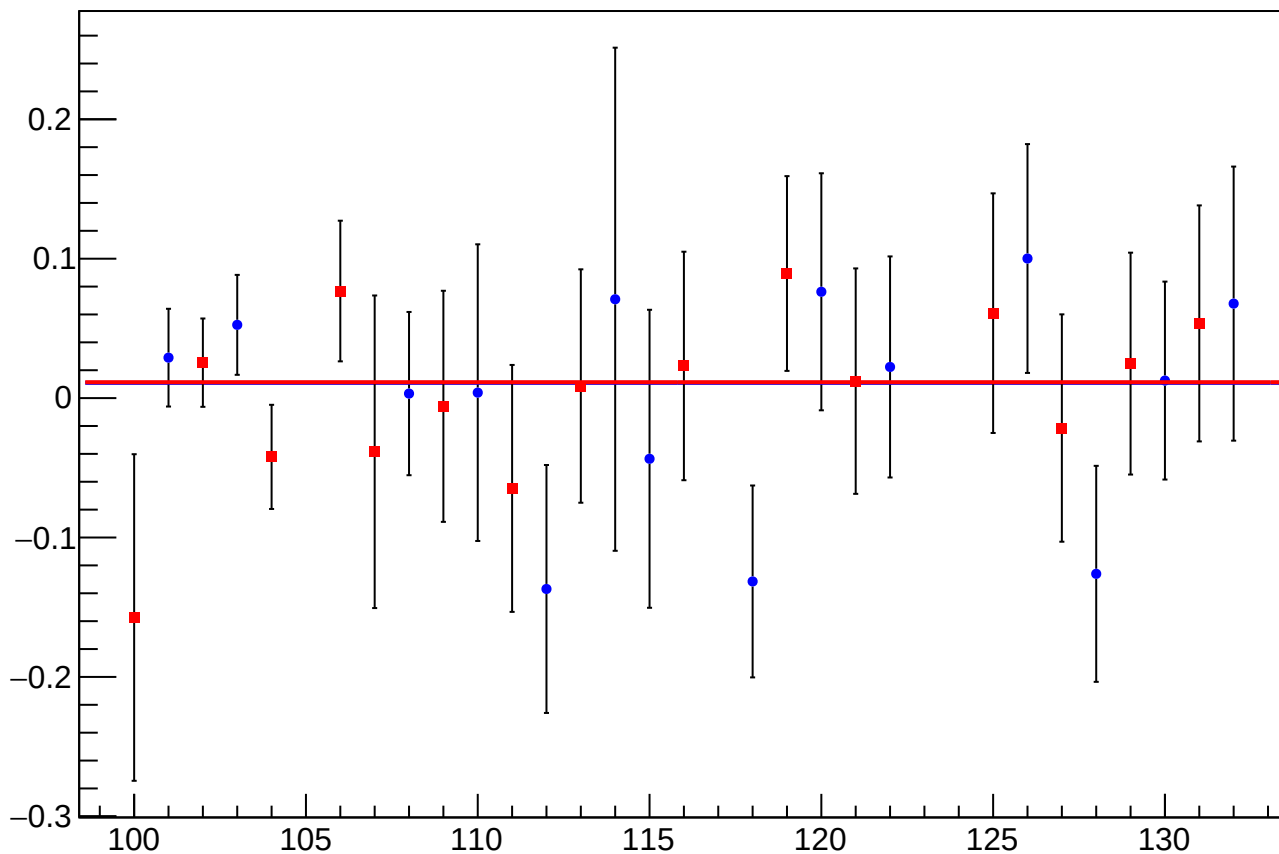
Right: 0.000+/-0.000 χ^2/NDF : 3883369.3/28

In: 0.000+/-0.000 χ^2/NDF : 1753073.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3883369.3/28

asym_us_avg_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.017 χ^2/NDF : 14.3/13

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

Right Out: 0.011+/-0.016 χ^2/NDF : 9.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

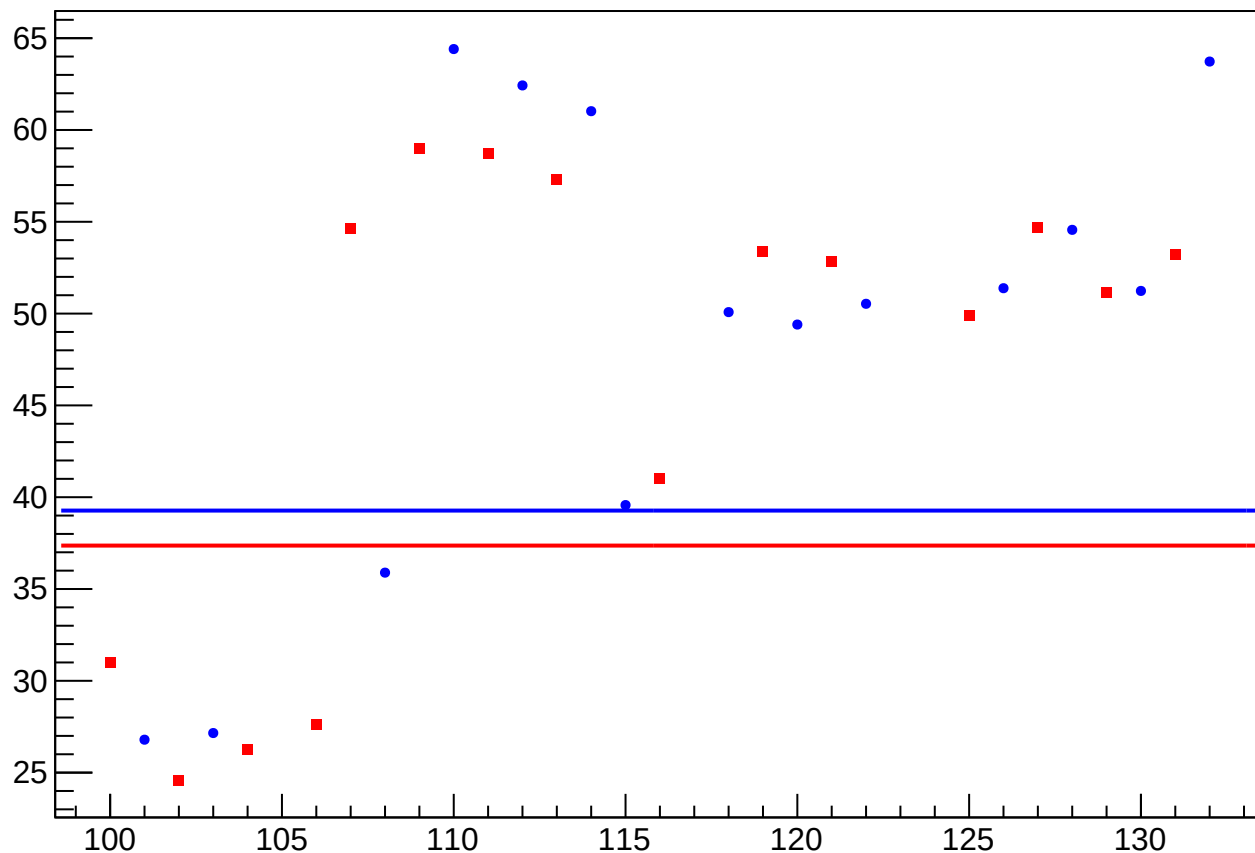
Right: 0.011+/-0.012 χ^2/NDF : 23.3/28

In: 0.011+/-0.017 χ^2/NDF : 14.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.012 χ^2/NDF : 23.3/28

asym_us_avg_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.272+/-0.012 χ^2/NDF : 1184954.8/13

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

Right Out: 37.365+/-0.012 χ^2/NDF : 1441808.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

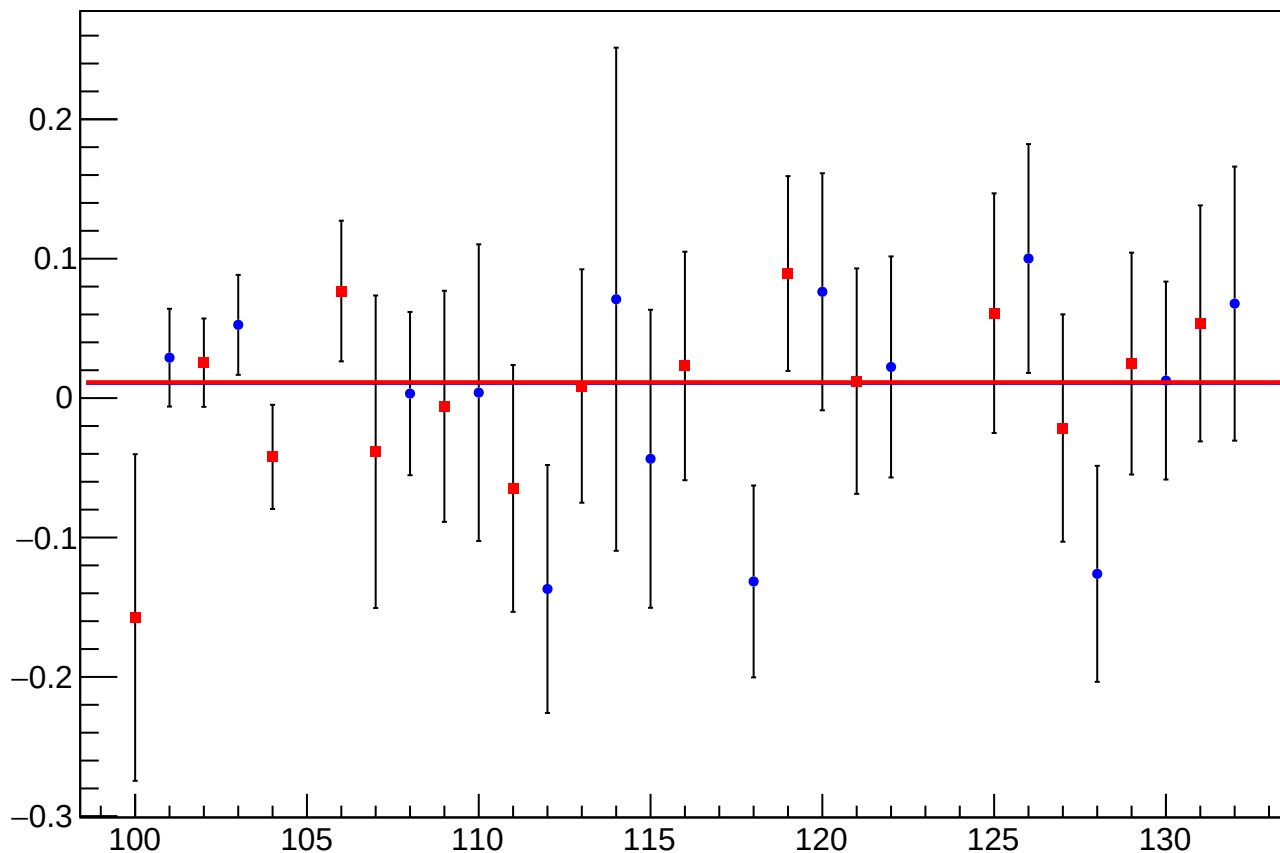
Right: 38.262+/-0.008 χ^2/NDF : 2639632.9/28

In: 39.272+/-0.012 χ^2/NDF : 1184954.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.262+/-0.008 χ^2/NDF : 2639632.9/28

asym_us_avg_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011 $\pm$ 0.017 χ^2 /NDF: 14.3/13

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

Right Out: 0.011 $\pm$ 0.016 χ^2 /NDF: 9.0/14

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

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

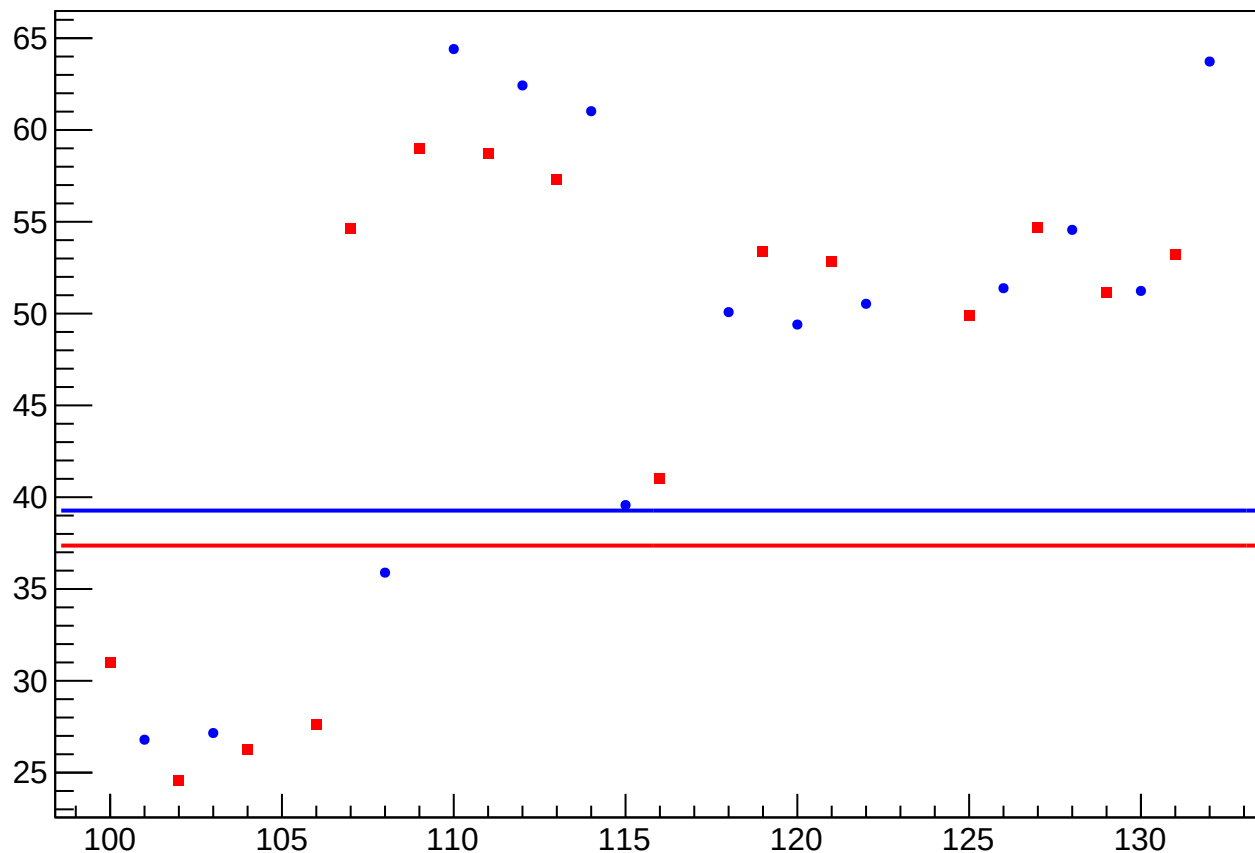
Right: 0.011 $\pm$ 0.012 χ^2 /NDF: 23.3/28

In: 0.011 $\pm$ 0.017 χ^2 /NDF:14.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.012 χ^2 /NDF: 23.3/28

asym_us_avg_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.272+/-0.012 χ^2/NDF : 1184954.8/13

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

Right Out: 37.365+/-0.012 χ^2/NDF : 1441808.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

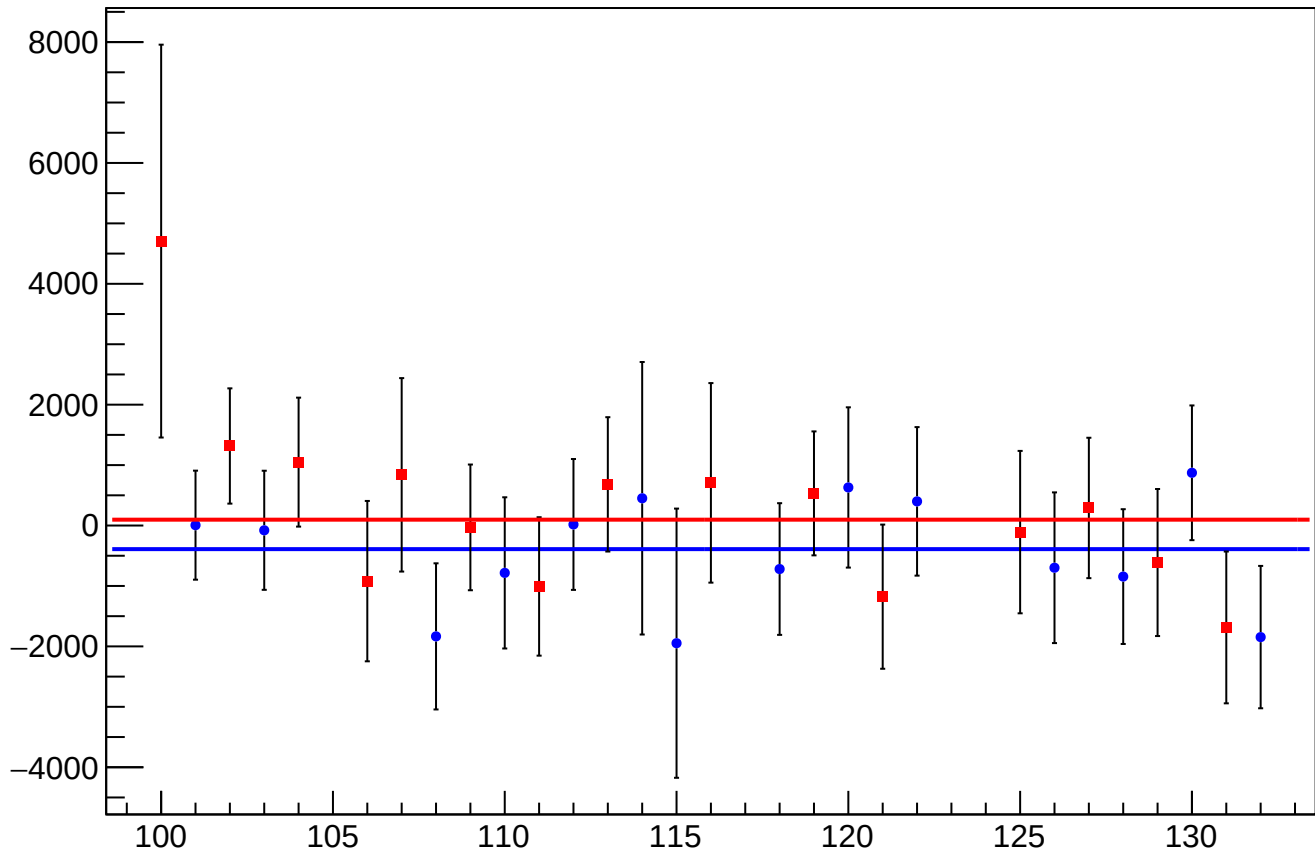
Right: 38.262+/-0.008 χ^2/NDF : 2639632.9/28

In: 39.272+/-0.012 χ^2/NDF :1184954.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 38.262+/-0.008 χ^2/NDF : 2639632.9/28

reg_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -390.518+/-318.164 χ^2/NDF : 6.7/13

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

Right Out: 96.904+/-313.863 χ^2/NDF : 10.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

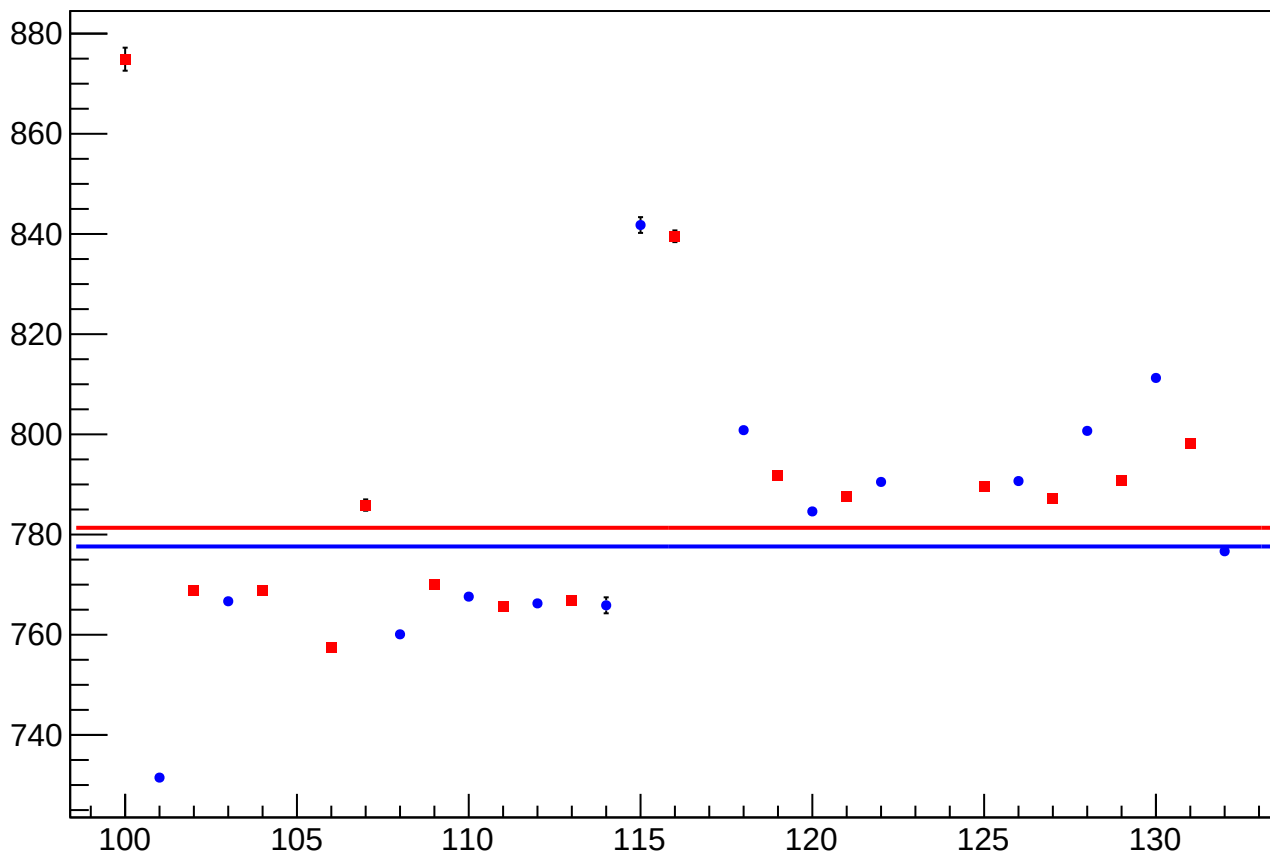
Right: -143.490+/-223.440 χ^2/NDF : 18.2/28

In: -390.518+/-318.164 χ^2/NDF : 6.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -143.490+/-223.440 χ^2/NDF : 18.2/28

reg_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 777.619+/-0.225 χ^2/NDF : 12044.3/13

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

Right Out: 781.350+/-0.222 χ^2/NDF : 7242.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

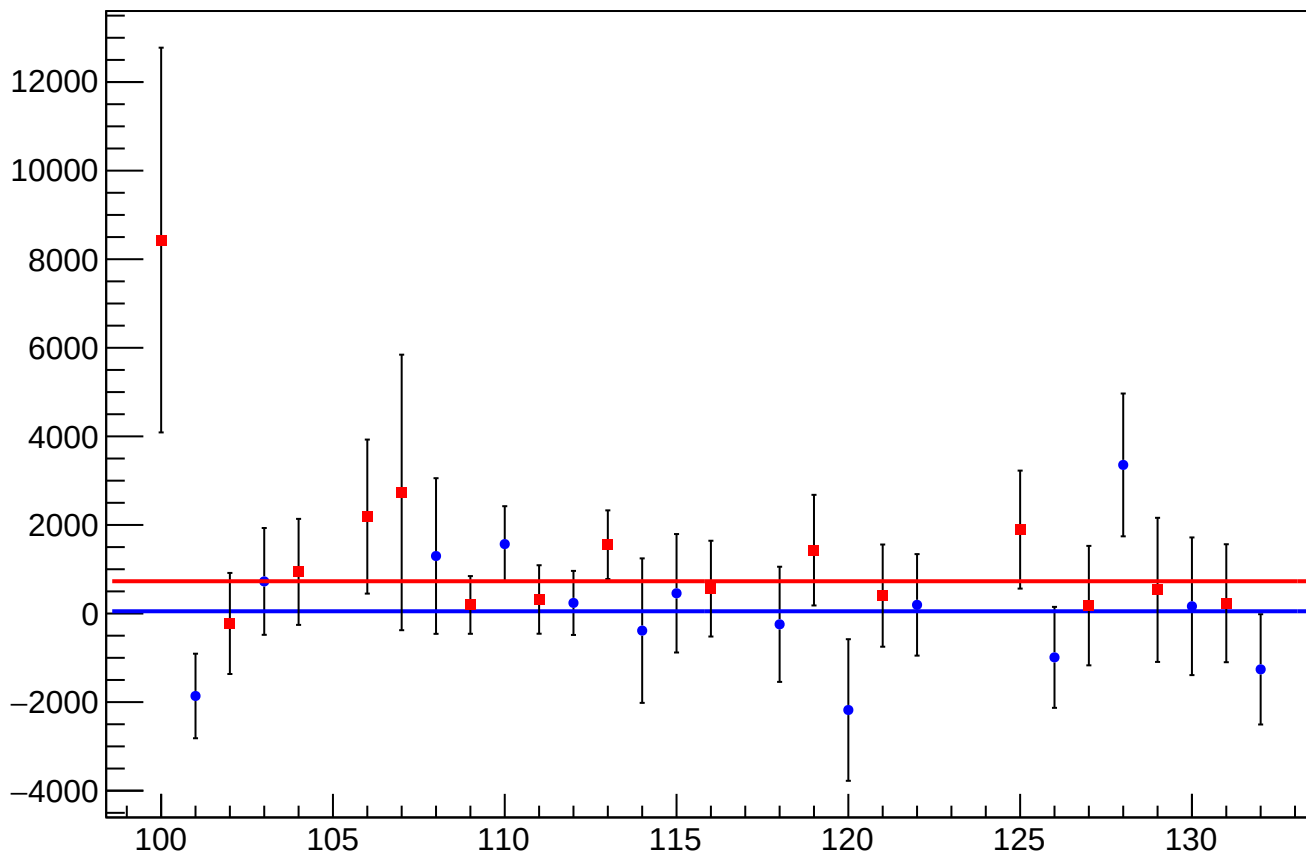
Right: 779.510+/-0.158 χ^2/NDF : 19426.2/28

In: 777.619+/-0.225 χ^2/NDF : 12044.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 779.510+/-0.158 χ^2/NDF : 19426.2/28

asym_us_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 51.164+/-311.869 χ^2/NDF : 16.4/13

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

Right Out: 729.171+/-289.301 χ^2/NDF : 8.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

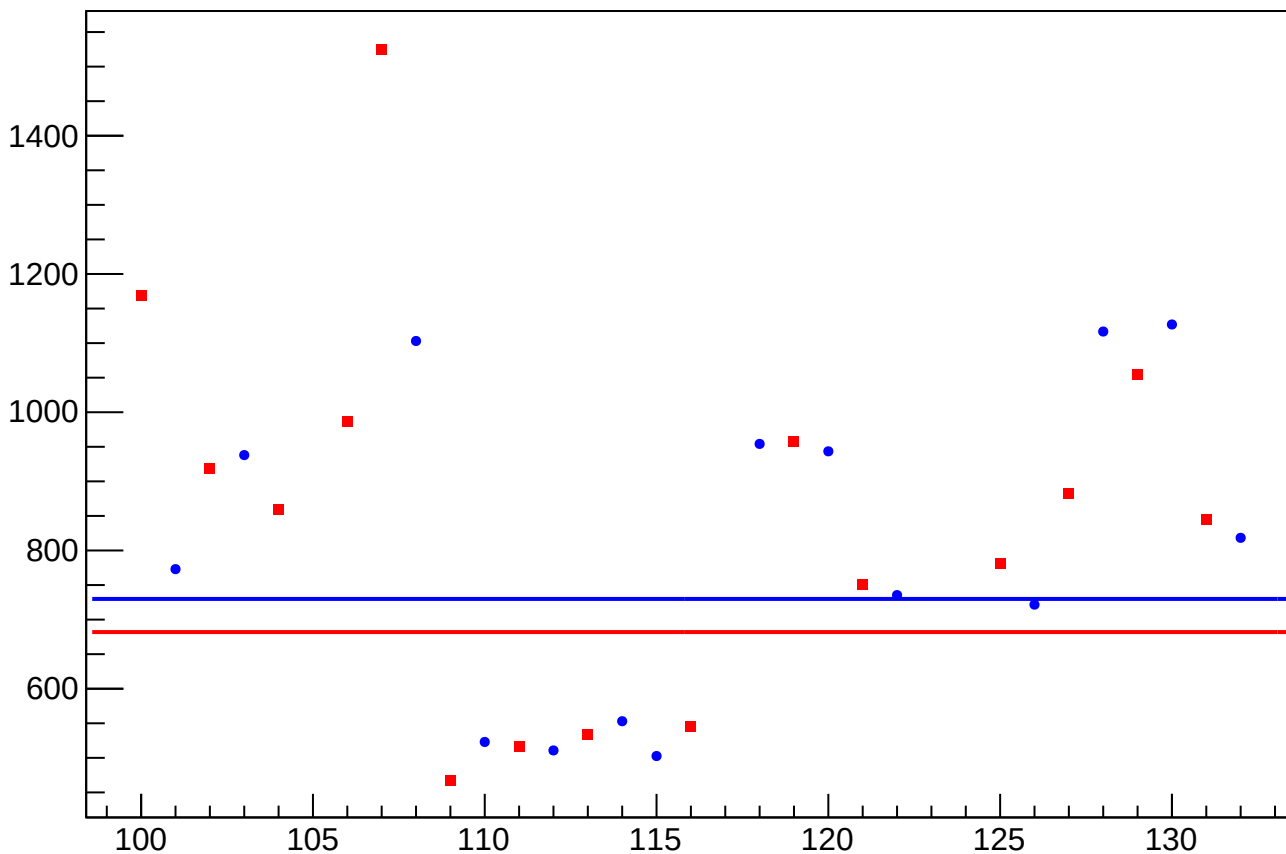
Right: 415.584+/-212.097 χ^2/NDF : 27.5/28

In: 51.164+/-311.869 χ^2/NDF : 16.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 415.584+/-212.097 χ^2/NDF : 27.5/28

asym_us_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 729.919+/-0.221 χ^2/NDF : 887022.7/13

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

Right Out: 681.978+/-0.205 χ^2/NDF : 1072621.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

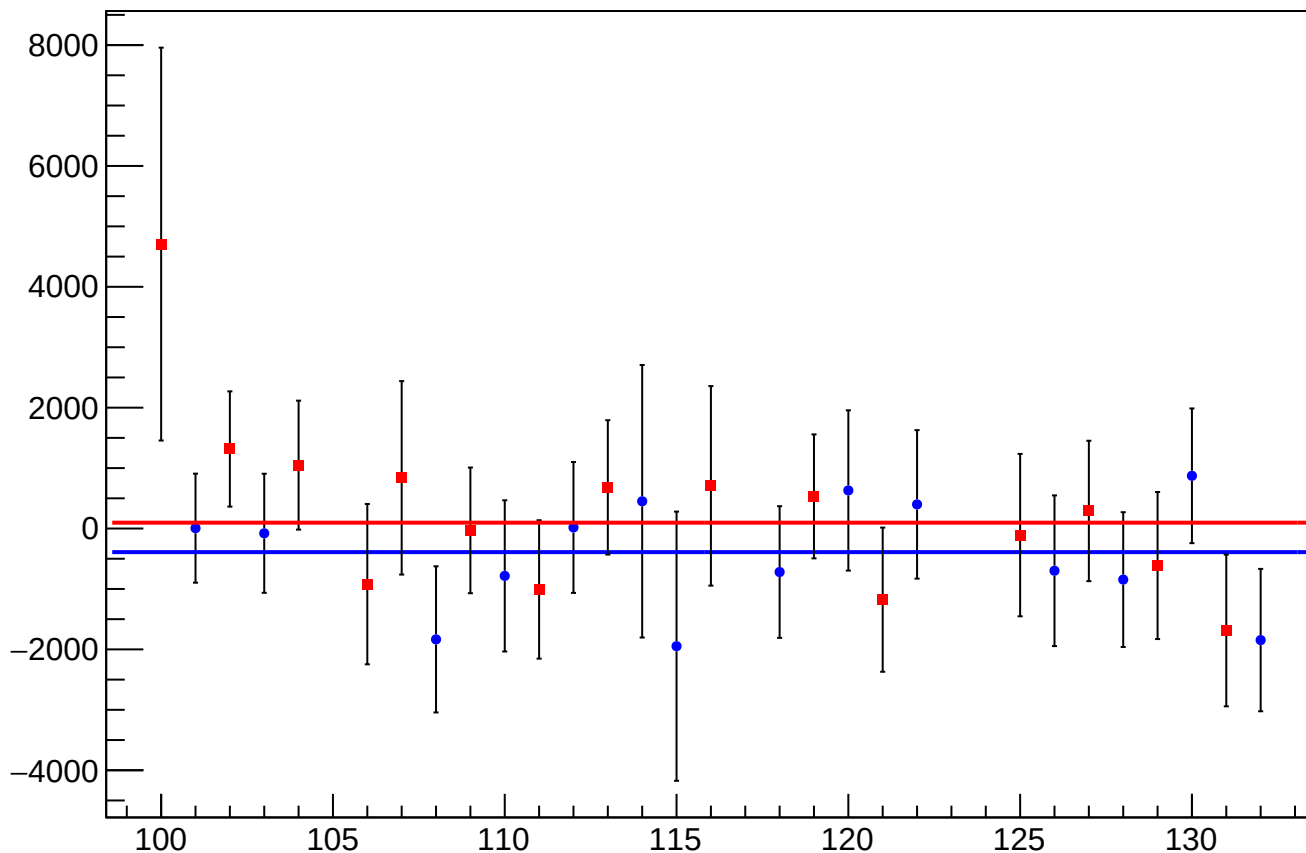
Right: 704.151+/-0.150 χ^2/NDF : 1985046.7/28

In: 729.919+/-0.221 χ^2/NDF : 887022.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 704.151+/-0.150 χ^2/NDF : 1985046.7/28

cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -390.518+/-318.164 χ^2/NDF : 6.7/13

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

Right Out: 96.904+/-313.863 χ^2/NDF : 10.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

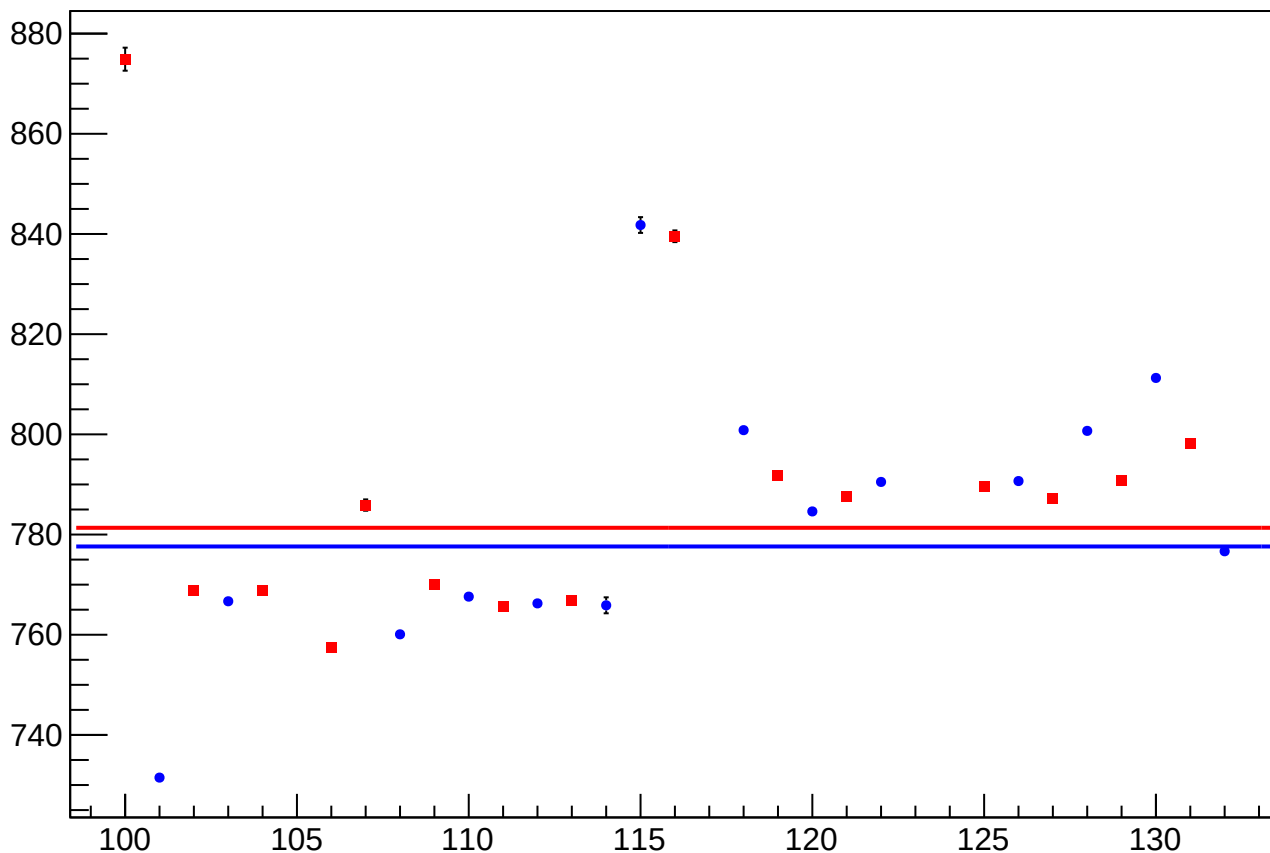
Right: -143.490+/-223.440 χ^2/NDF : 18.2/28

In: -390.518+/-318.164 χ^2/NDF : 6.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -143.490+/-223.440 χ^2/NDF : 18.2/28

cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 777.619+/-0.225 χ^2/NDF : 12044.3/13

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

Right Out: 781.350+/-0.222 χ^2/NDF : 7242.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

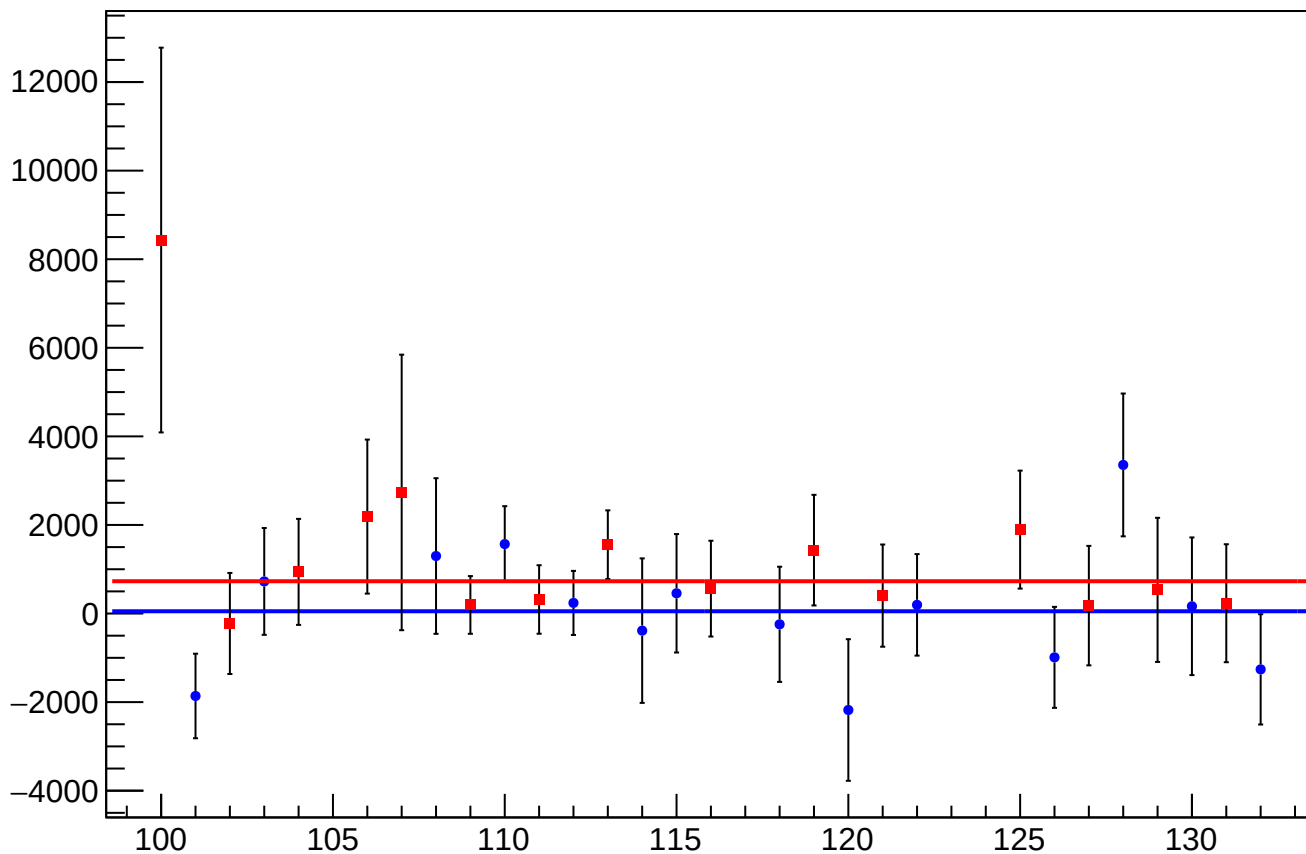
Right: 779.510+/-0.158 χ^2/NDF : 19426.2/28

In: 777.619+/-0.225 χ^2/NDF : 12044.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 779.510+/-0.158 χ^2/NDF : 19426.2/28

asym_us_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 51.164+/-311.869 χ^2/NDF : 16.4/13

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

Right Out: 729.171+/-289.301 χ^2/NDF : 8.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

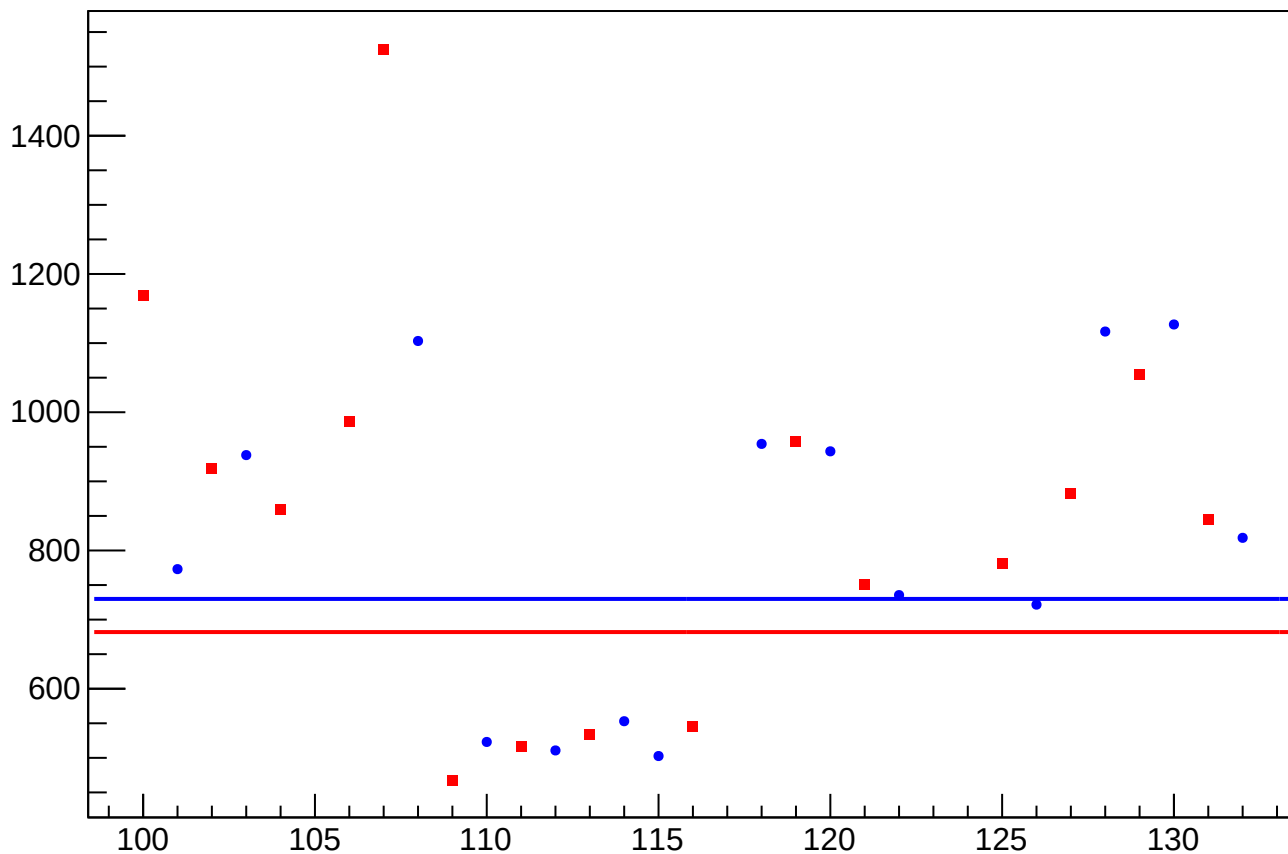
Right: 415.584+/-212.097 χ^2/NDF : 27.5/28

In: 51.164+/-311.869 χ^2/NDF : 16.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 415.584+/-212.097 χ^2/NDF : 27.5/28

asym_us_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 729.919+/-0.221 χ^2/NDF : 887022.7/13

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

Right Out: 681.978+/-0.205 χ^2/NDF : 1072621.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

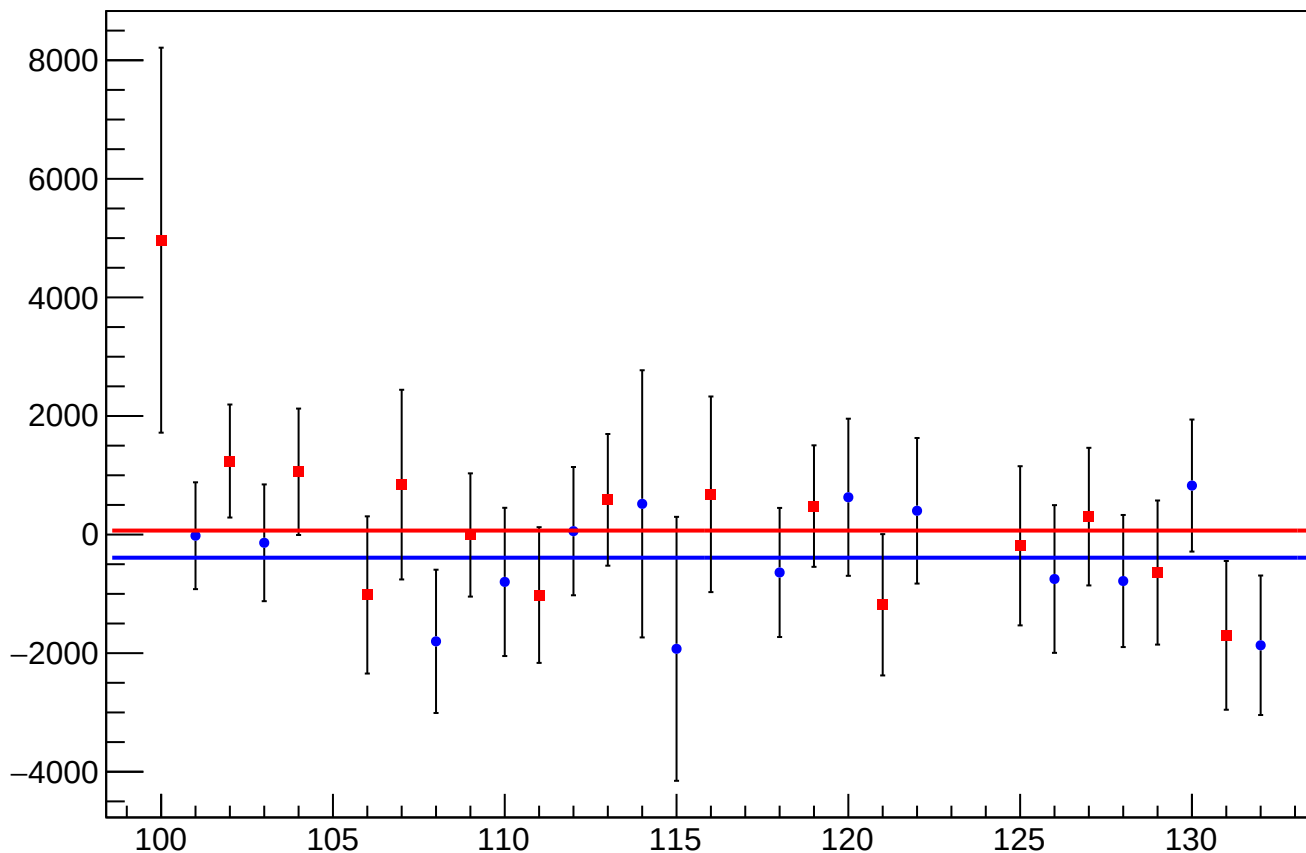
Right: 704.151+/-0.150 χ^2/NDF : 1985046.7/28

In: 729.919+/-0.221 χ^2/NDF : 887022.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 704.151+/-0.150 χ^2/NDF : 1985046.7/28

overload_cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -389.882 ± 317.852 χ^2/NDF : 6.6/13

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

Right Out: 67.659 ± 313.581 χ^2/NDF : 10.5/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

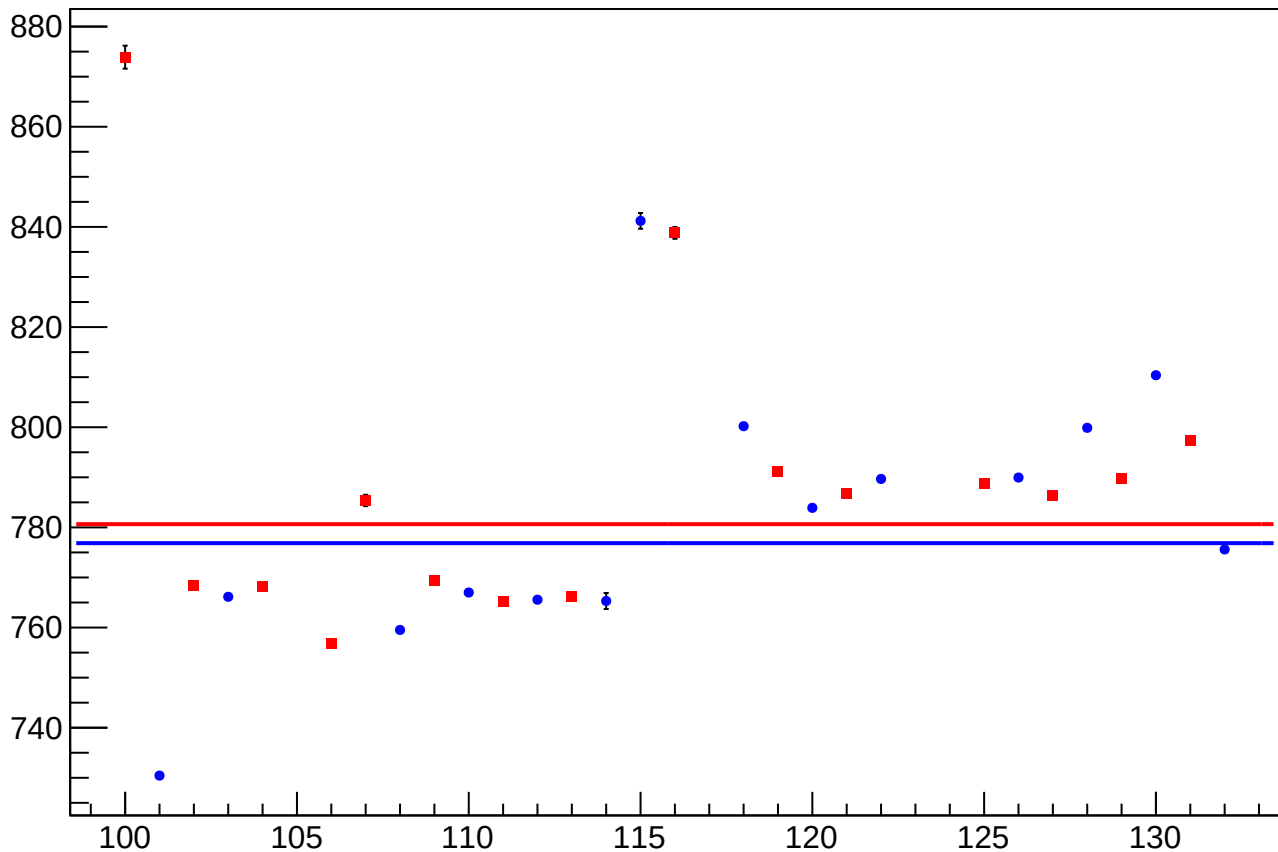
Right: -158.016 ± 223.230 χ^2/NDF : 18.1/28

In: -389.882 ± 317.852 χ^2/NDF : 6.6/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -158.016 ± 223.230 χ^2/NDF : 18.1/28

overload_cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 776.854+/-0.225 χ^2/NDF : 12111.9/13

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

Right Out: 780.649+/-0.222 χ^2/NDF : 7195.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

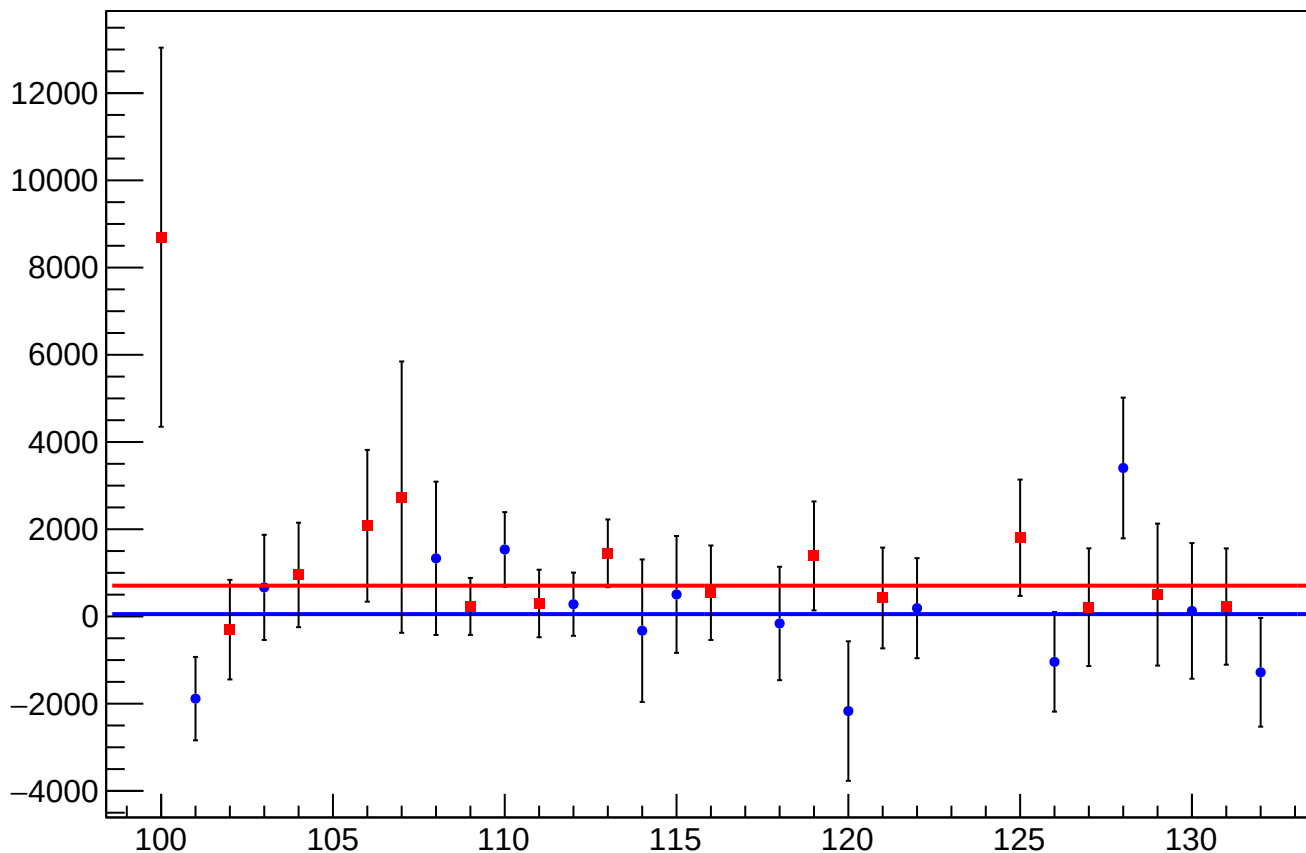
Right: 778.777+/-0.158 χ^2/NDF : 19451.9/28

In: 776.854+/-0.225 χ^2/NDF : 12111.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 778.777+/-0.158 χ^2/NDF : 19451.9/28

asym_us_dd_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 53.744+/-312.279 χ^2/NDF : 16.5/13

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

Right Out: 706.433+/-289.727 χ^2/NDF : 8.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

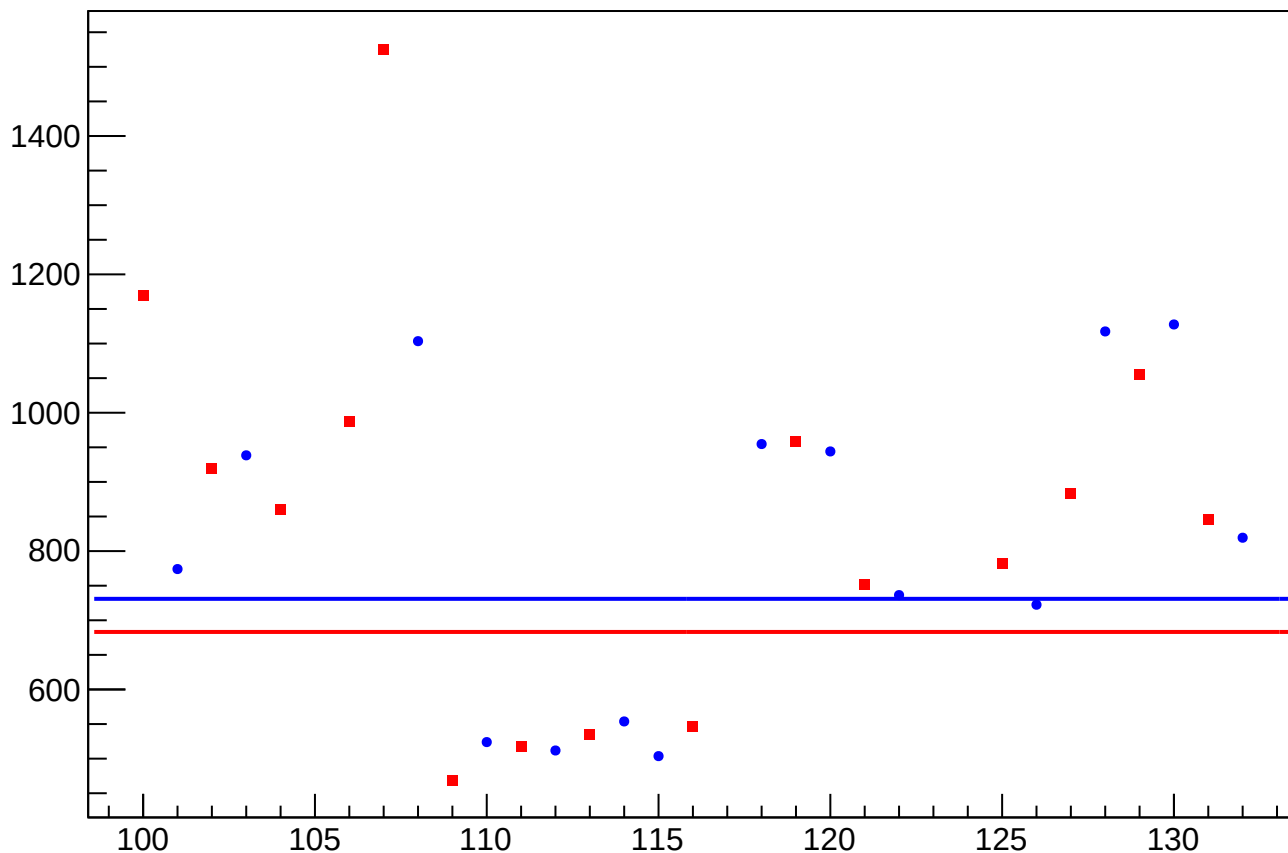
Right: 404.504+/-212.394 χ^2/NDF : 27.2/28

In: 53.744+/-312.279 χ^2/NDF : 16.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 404.504+/-212.394 χ^2/NDF : 27.2/28

asym_us_dd_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 731.000+/-0.221 χ^2/NDF : 883705.8/13

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

Right Out: 683.139+/-0.205 χ^2/NDF : 1068278.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

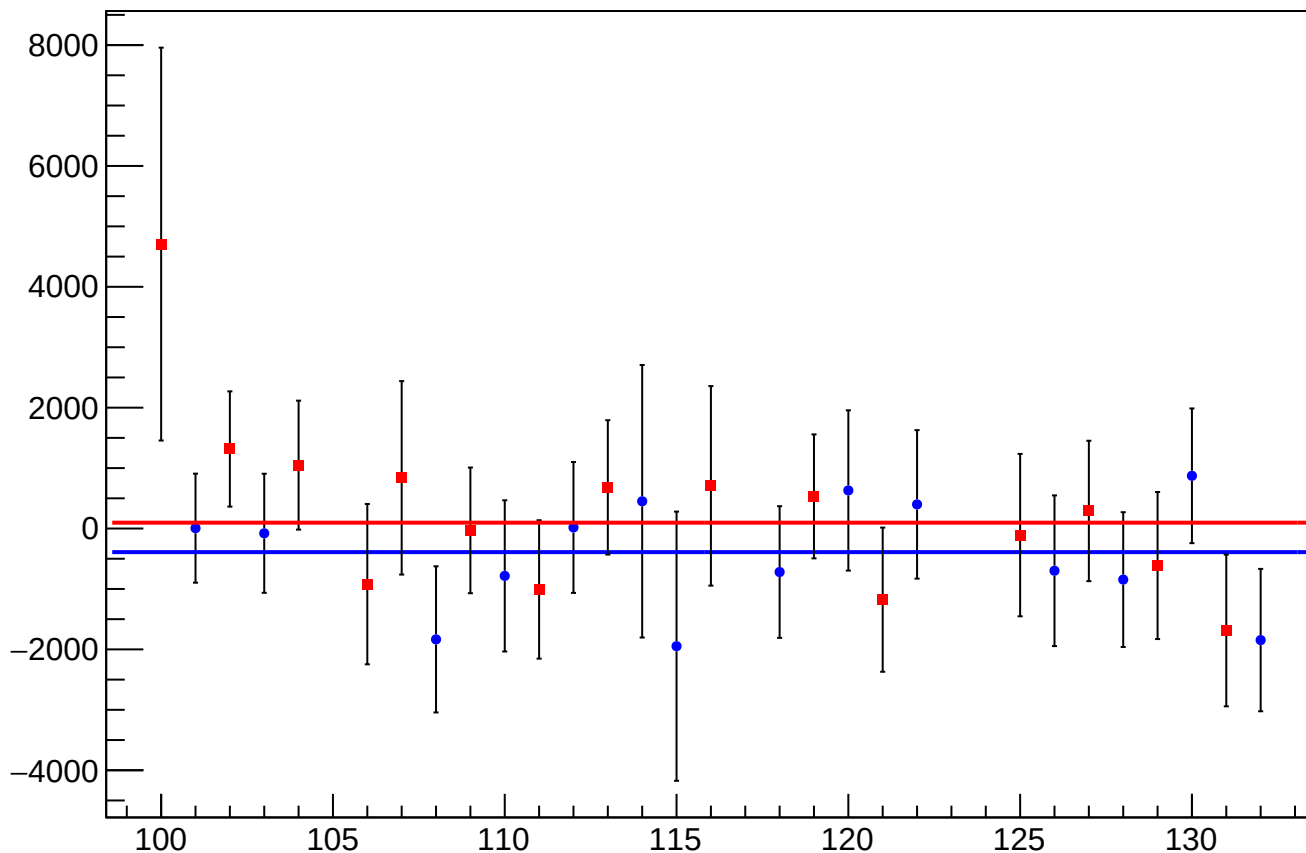
Right: 705.279+/-0.150 χ^2/NDF : 1977231.3/28

In: 731.000+/-0.221 χ^2/NDF : 883705.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 705.279+/-0.150 χ^2/NDF : 1977231.3/28

eigen_cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -390.518+/-318.164 χ^2/NDF : 6.7/13

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

Right Out: 96.904+/-313.863 χ^2/NDF : 10.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

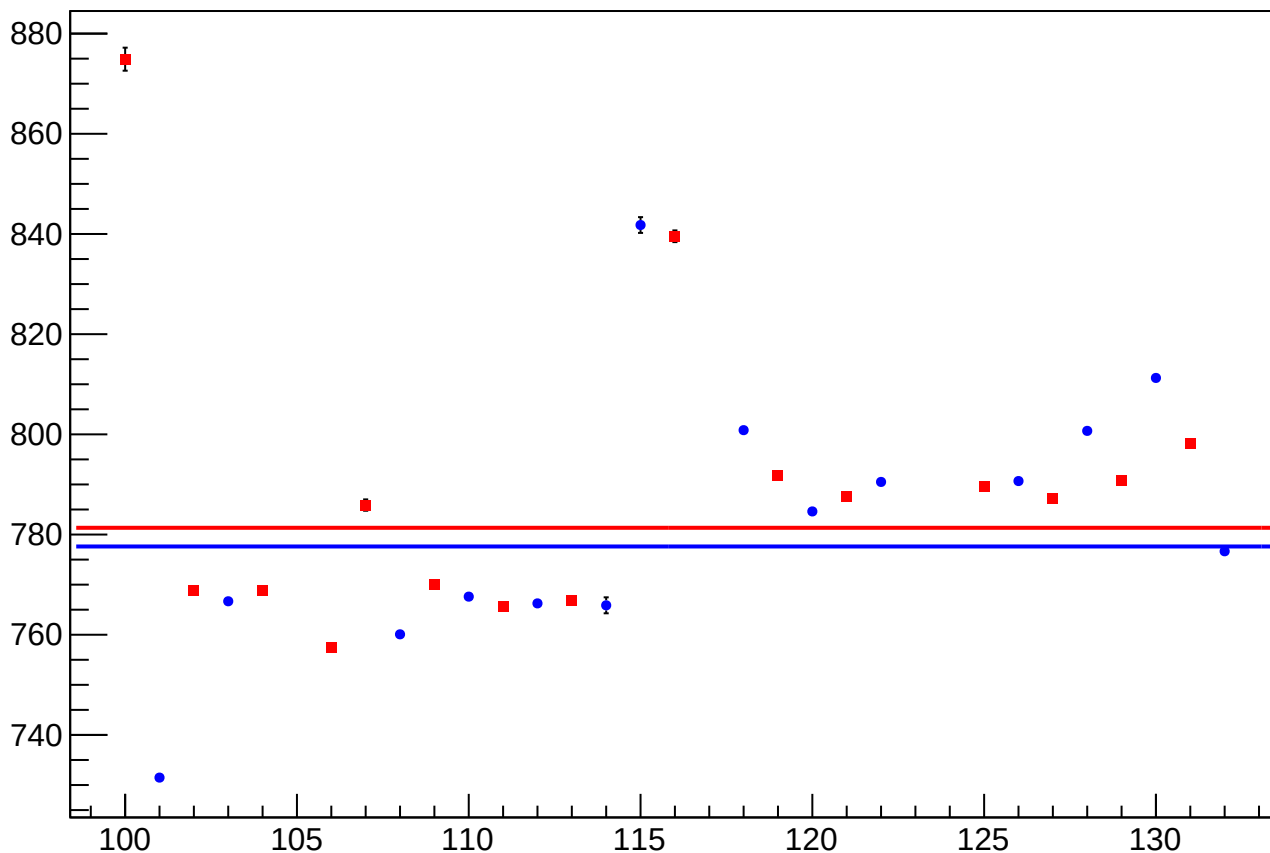
Right: -143.490+/-223.440 χ^2/NDF : 18.2/28

In: -390.518+/-318.164 χ^2/NDF : 6.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -143.490+/-223.440 χ^2/NDF : 18.2/28

eigen_cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 777.619+/-0.225 χ^2/NDF : 12044.3/13

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

Right Out: 781.350+/-0.222 χ^2/NDF : 7242.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

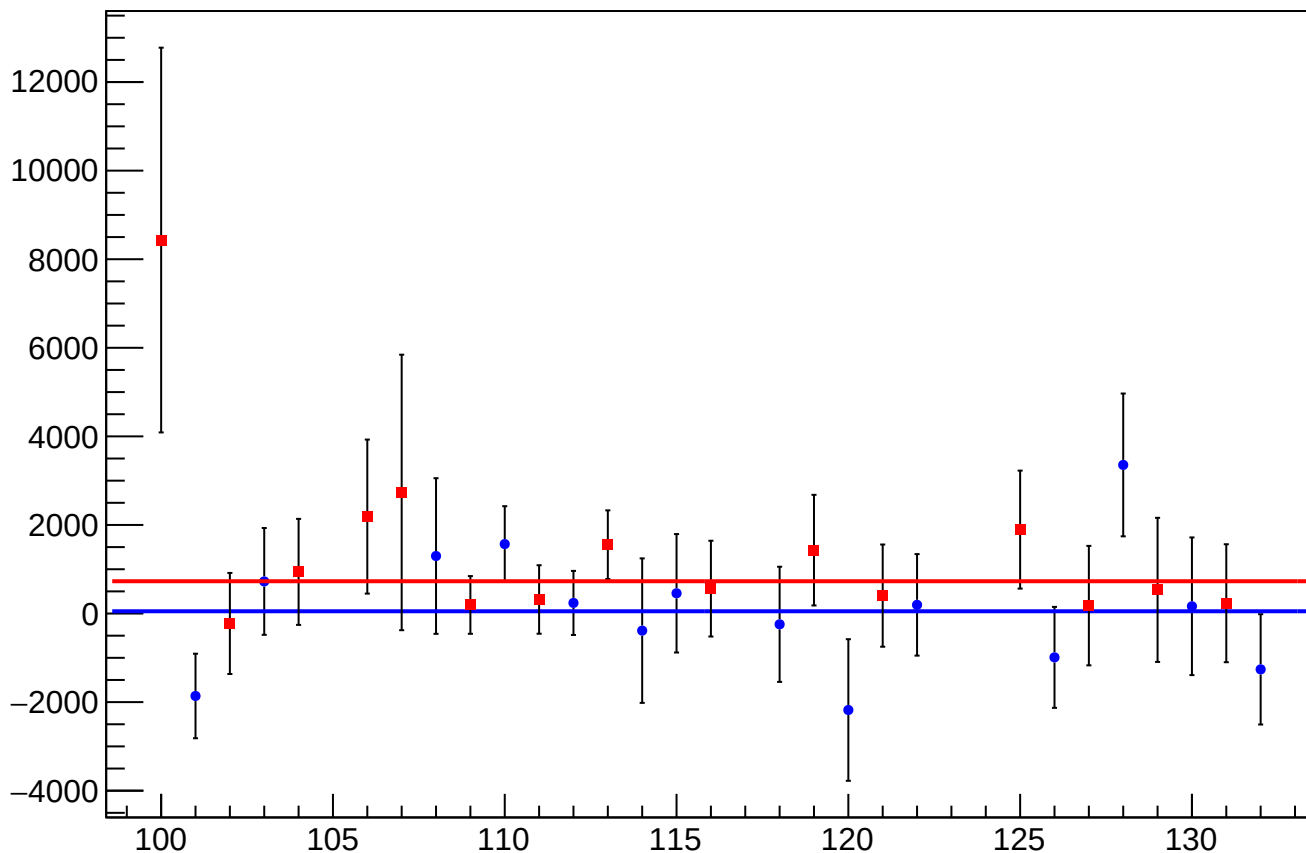
Right: 779.510+/-0.158 χ^2/NDF : 19426.2/28

In: 777.619+/-0.225 χ^2/NDF : 12044.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 779.510+/-0.158 χ^2/NDF : 19426.2/28

asym_us_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 51.164+/-311.869 χ^2/NDF : 16.4/13

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

Right Out: 729.171+/-289.301 χ^2/NDF : 8.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

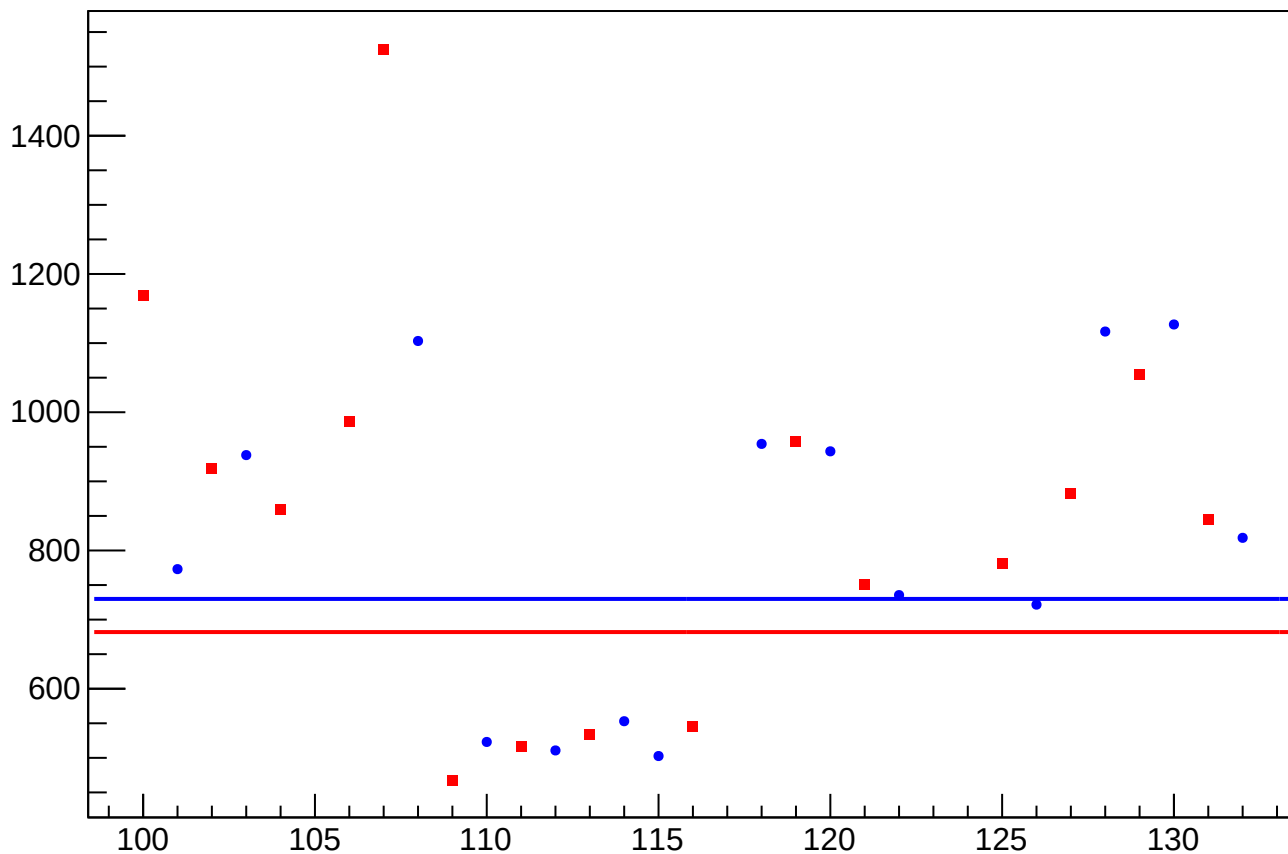
Right: 415.584+/-212.097 χ^2/NDF : 27.5/28

In: 51.164+/-311.869 χ^2/NDF : 16.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 415.584+/-212.097 χ^2/NDF : 27.5/28

asym_us_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 729.919+/-0.221 χ^2/NDF : 887022.7/13

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

Right Out: 681.978+/-0.205 χ^2/NDF : 1072621.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

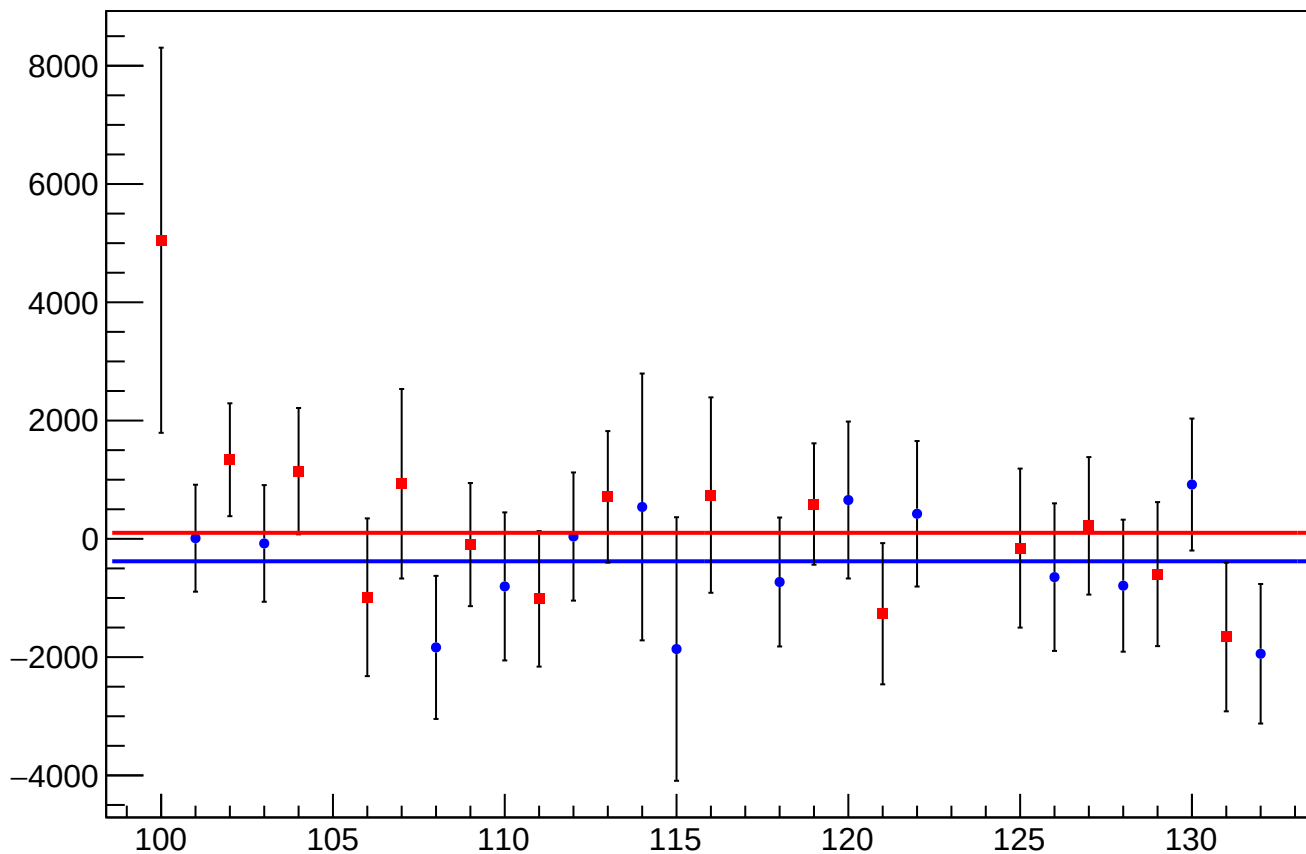
Right: 704.151+/-0.150 χ^2/NDF : 1985046.7/28

In: 729.919+/-0.221 χ^2/NDF : 887022.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 704.151+/-0.150 χ^2/NDF : 1985046.7/28

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -379.533+/-318.500 χ^2/NDF : 7.0/13

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

Right Out: 101.994+/-314.188 χ^2/NDF : 11.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

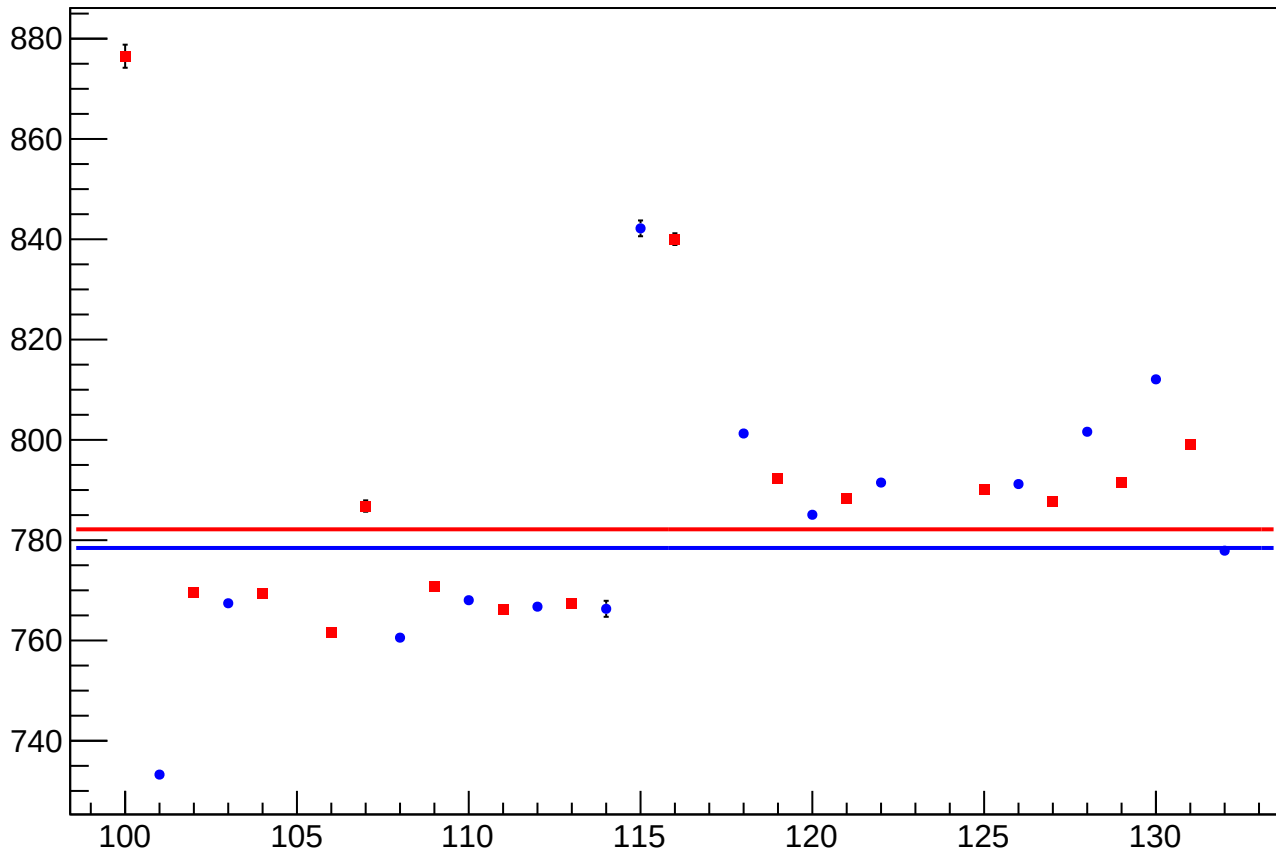
Right: -135.488+/-223.674 χ^2/NDF : 19.4/28

In: -379.533+/-318.500 χ^2/NDF : 7.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -135.488+/-223.674 χ^2/NDF : 19.4/28

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 778.447 $\pm$ 0.225 χ^2 /NDF: 11784.9/13

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

Right Out: 782.164 $\pm$ 0.222 χ^2 /NDF: 7097.9/14

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

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

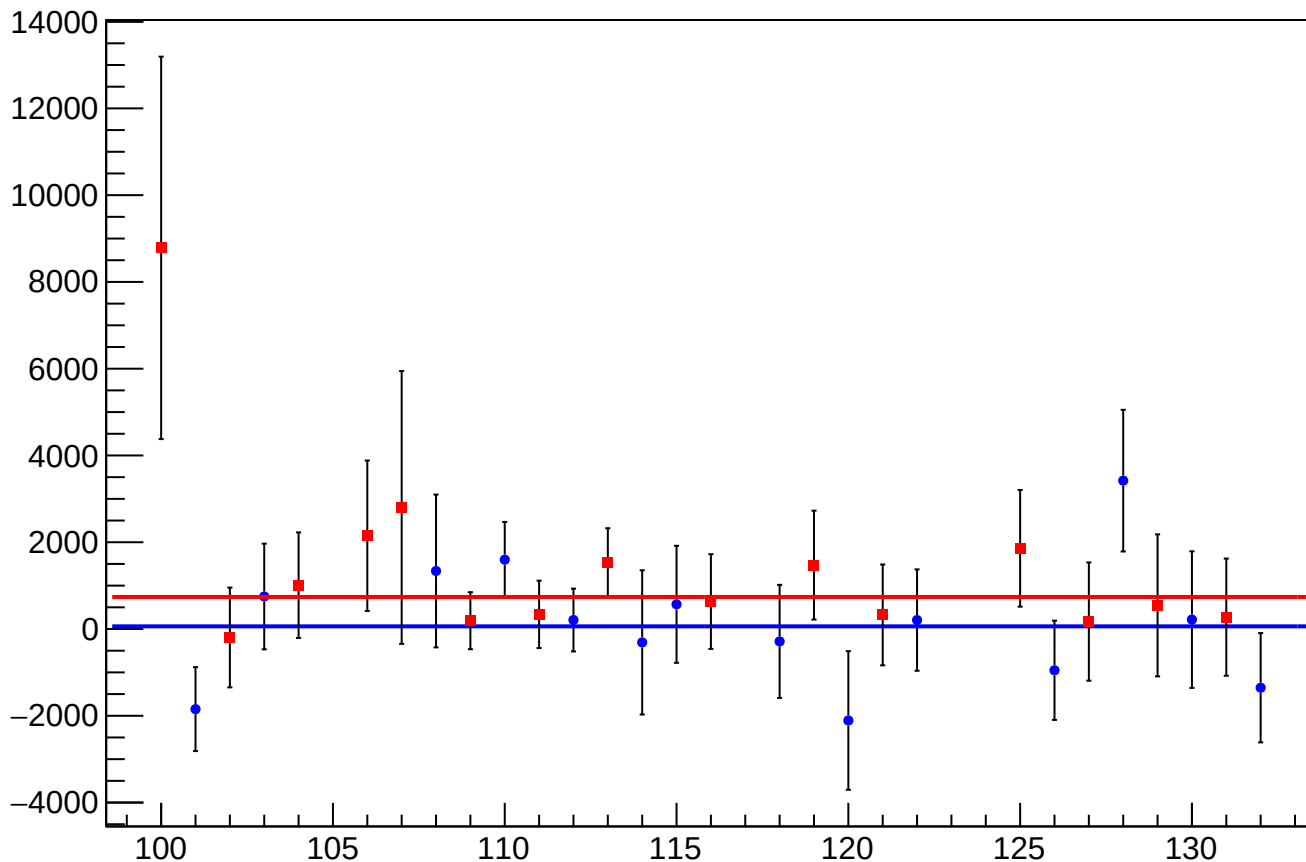
Right: 780.331 $\pm$ 0.158 χ^2 /NDF: 19020.9/28

In: 778.447 $\pm$ 0.225 χ^2 /NDF:11784.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 780.331 $\pm$ 0.158 χ^2 /NDF: 19020.9/28

asym_us_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 61.315+/-314.761 χ^2/NDF : 16.3/13

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

Right Out: 738.491+/-291.783 χ^2/NDF : 8.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

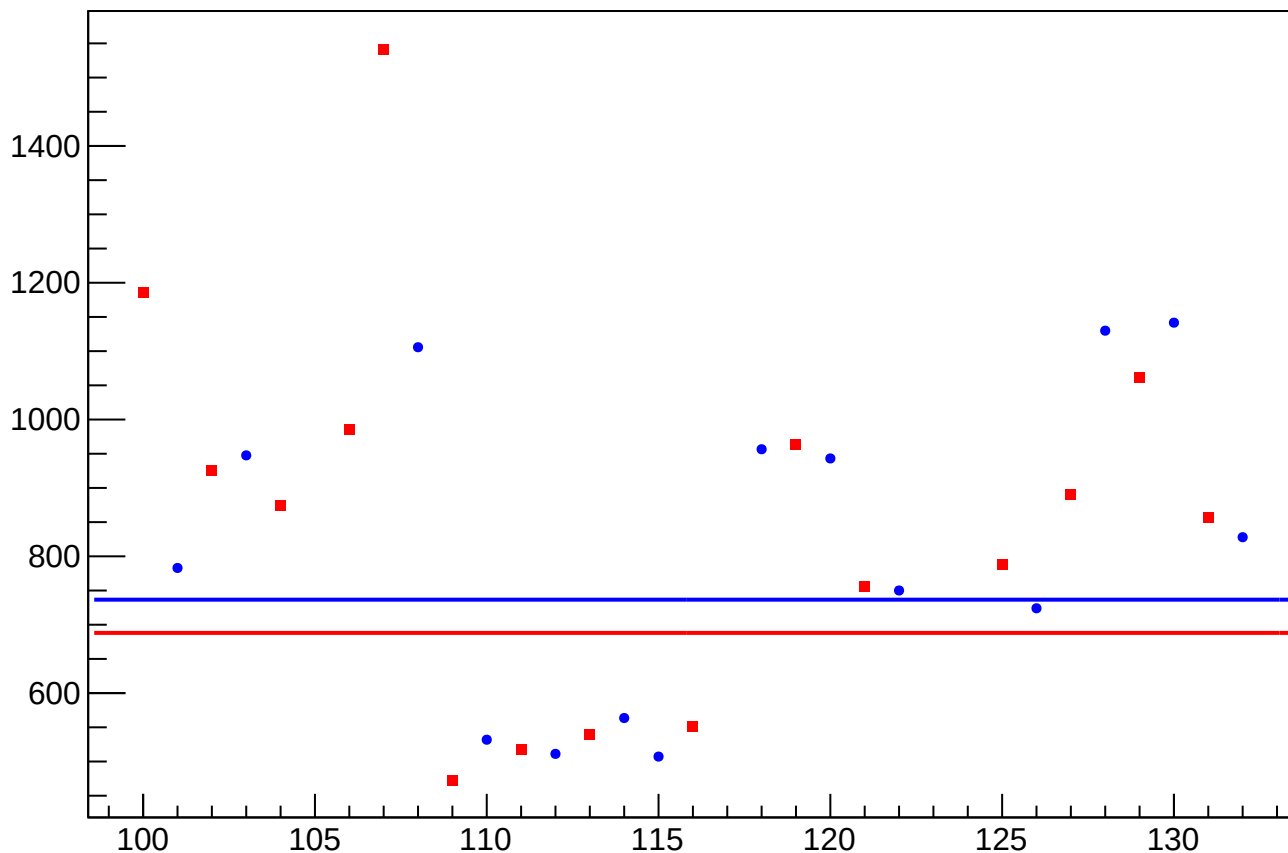
Right: 425.519+/-213.984 χ^2/NDF : 27.4/28

In: 61.315+/-314.761 χ^2/NDF : 16.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 425.519+/-213.984 χ^2/NDF : 27.4/28

asym_us_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 736.633+/-0.223 χ^2/NDF : 886540.4/13

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

Right Out: 688.058+/-0.206 χ^2/NDF : 1072577.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

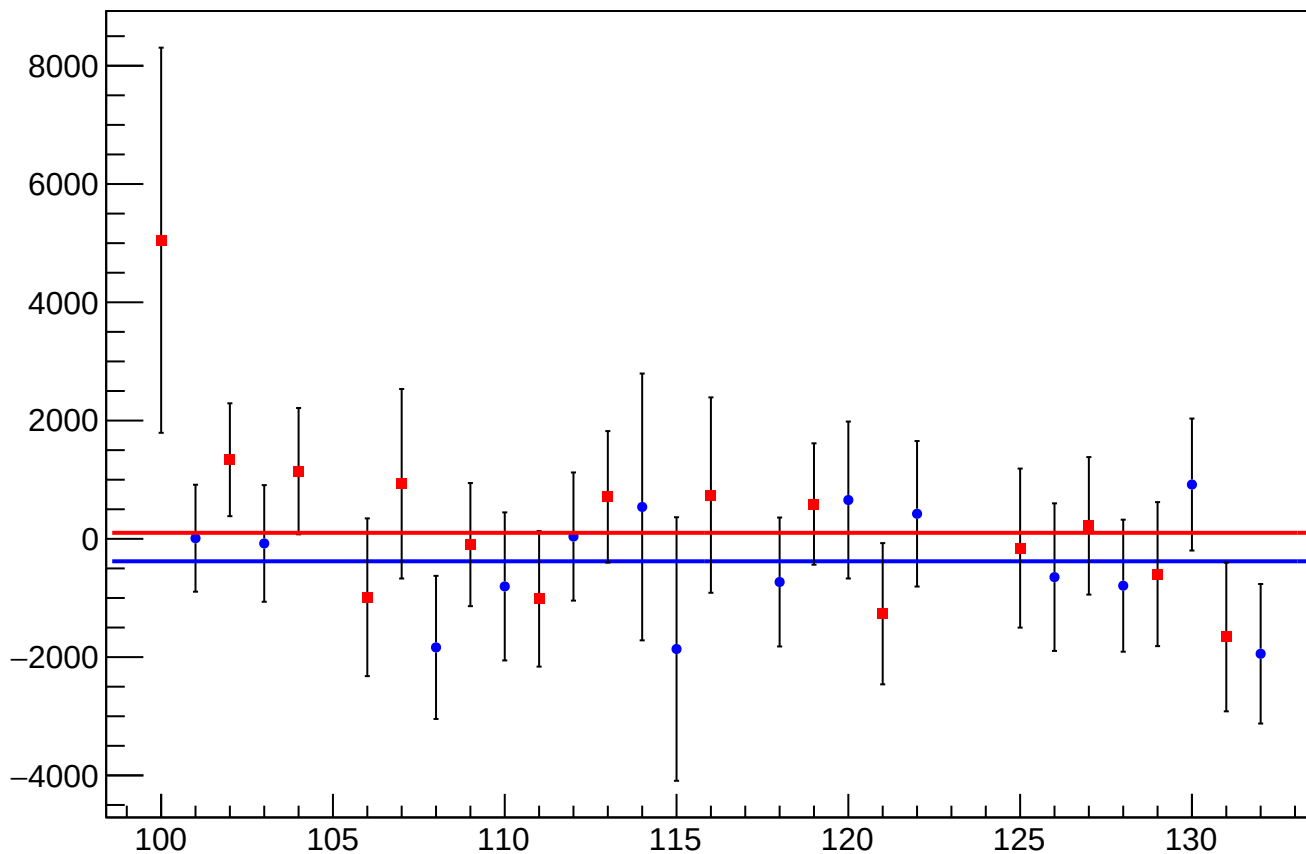
Right: 710.508+/-0.151 χ^2/NDF : 1984735.6/28

In: 736.633+/-0.223 χ^2/NDF : 886540.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 710.508+/-0.151 χ^2/NDF : 1984735.6/28

eigen_dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -379.534+/-318.500 χ^2/NDF : 7.0/13

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

Right Out: 101.991+/-314.188 χ^2/NDF : 11.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

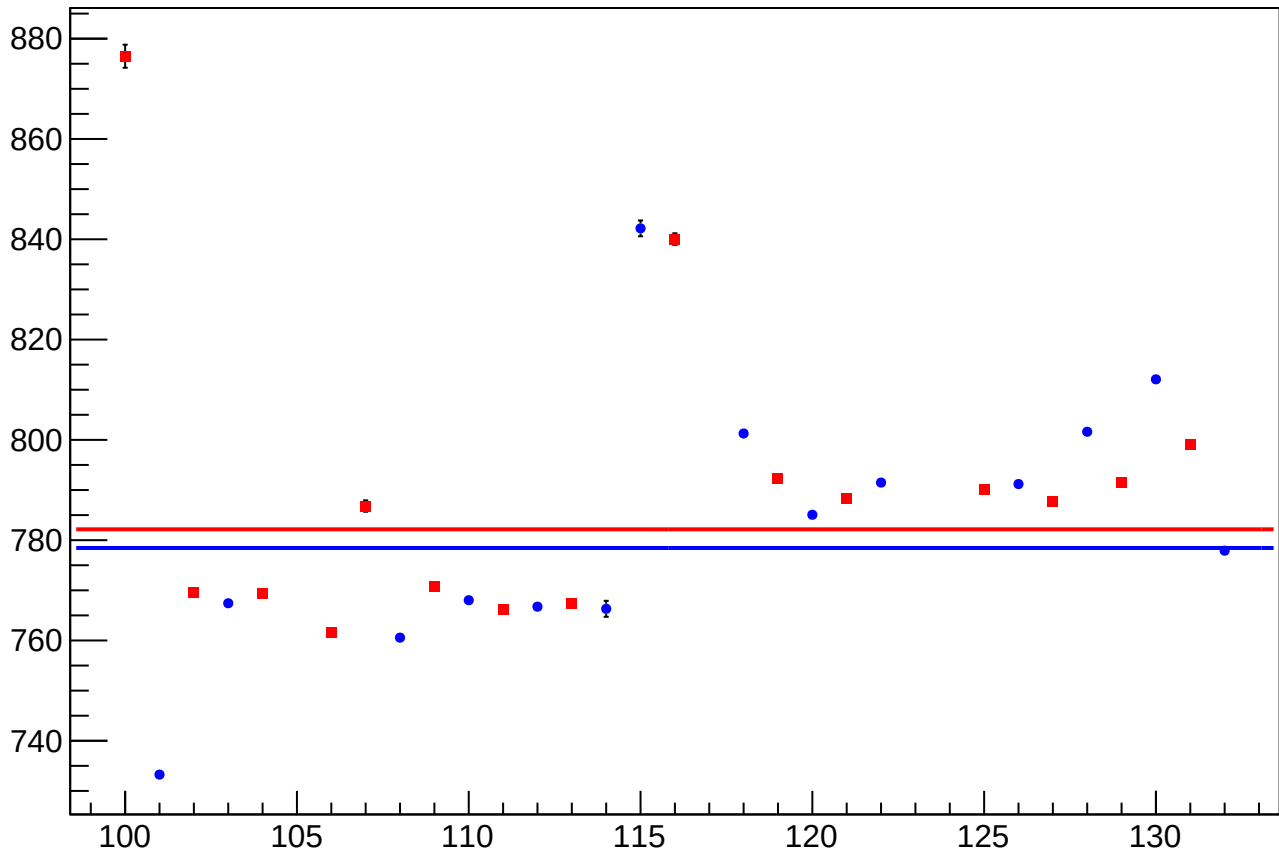
Right: -135.490+/-223.674 χ^2/NDF : 19.4/28

In: -379.534+/-318.500 χ^2/NDF : 7.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -135.490+/-223.674 χ^2/NDF : 19.4/28

eigen_dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 778.447+/-0.225 χ^2/NDF : 11784.9/13

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

Right Out: 782.164+/-0.222 χ^2/NDF : 7097.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

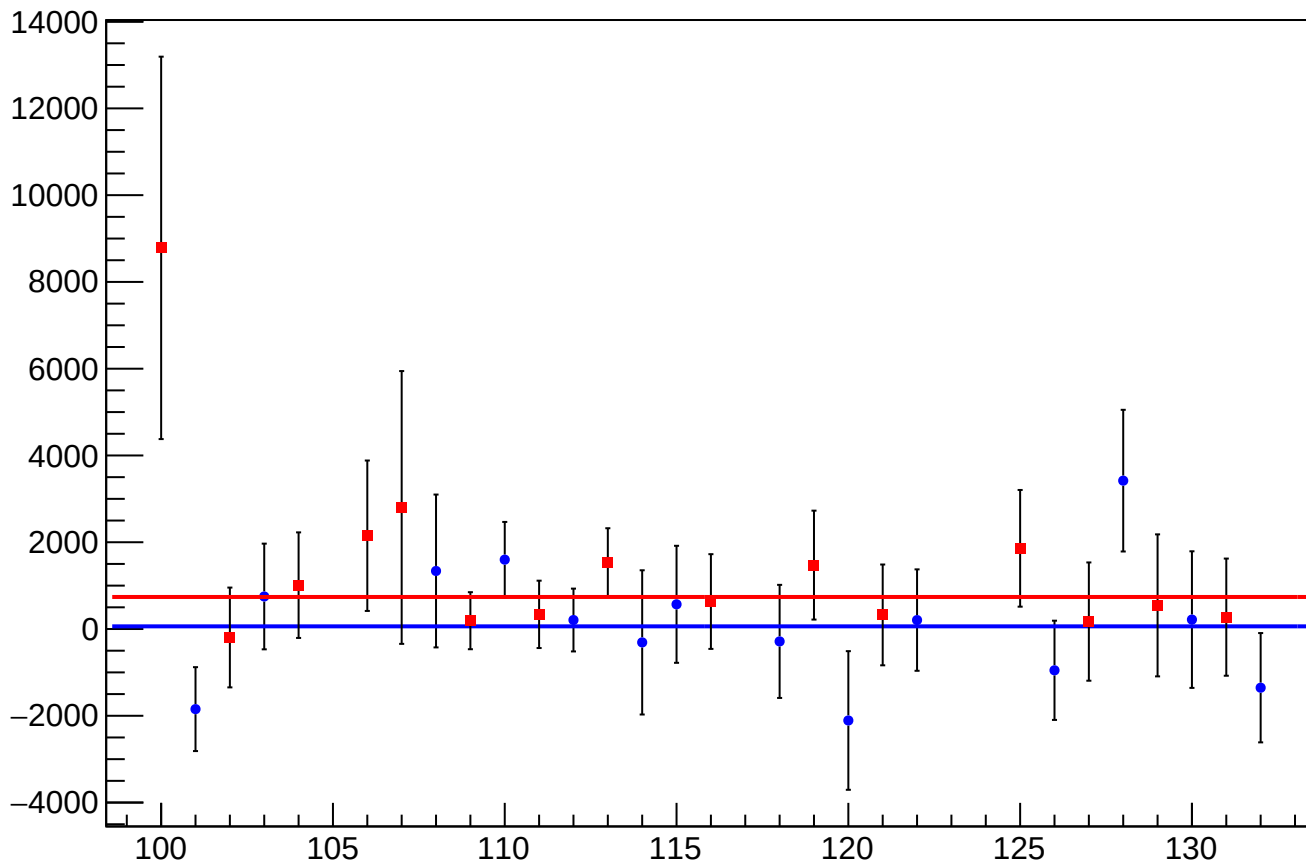
Right: 780.331+/-0.158 χ^2/NDF : 19020.8/28

In: 778.447+/-0.225 χ^2/NDF : 11784.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 780.331+/-0.158 χ^2/NDF : 19020.8/28

asym_us_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 61.316+/-314.759 χ^2/NDF : 16.3/13

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

Right Out: 738.488+/-291.782 χ^2/NDF : 8.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

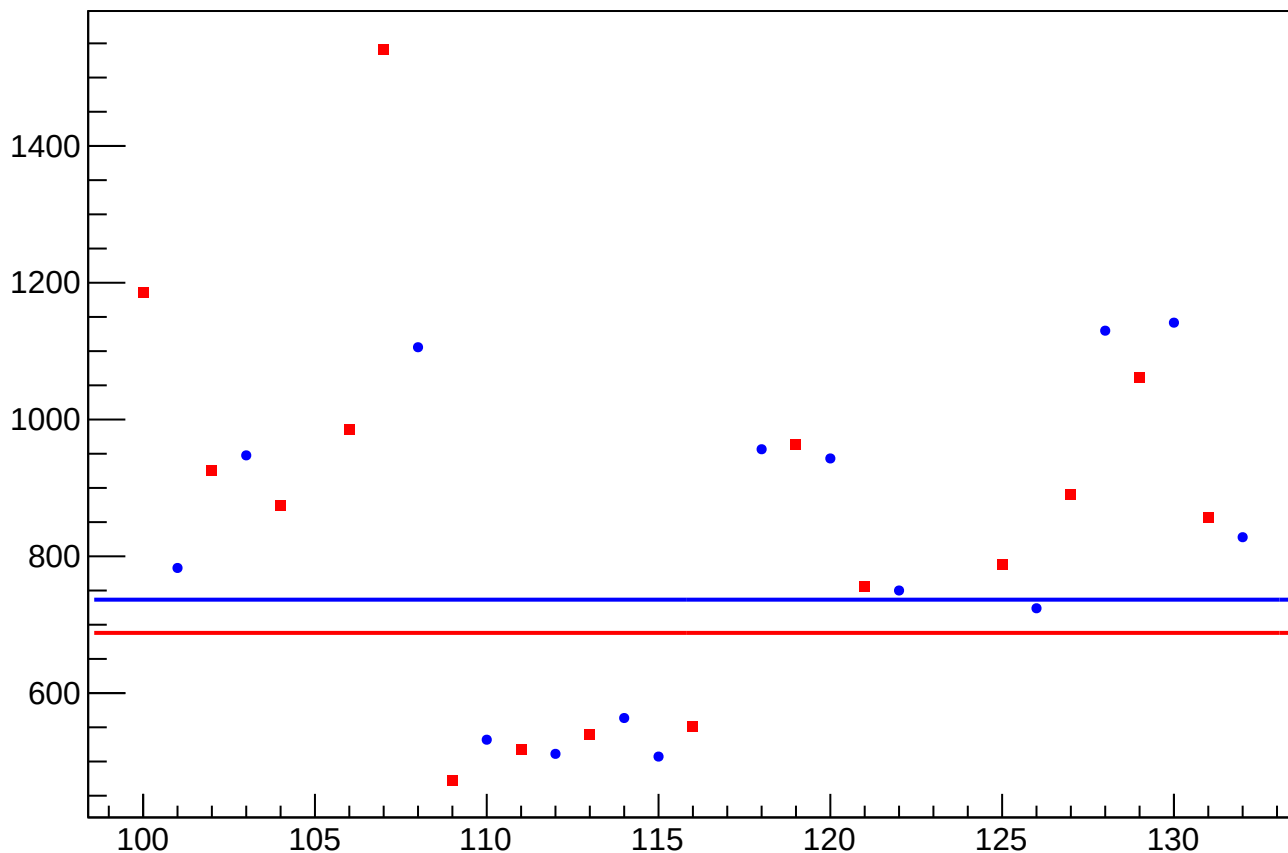
Right: 425.518+/-213.983 χ^2/NDF : 27.4/28

In: 61.316+/-314.759 χ^2/NDF : 16.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 425.518+/-213.983 χ^2/NDF : 27.4/28

asym_us_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 736.629+/-0.223 χ^2/NDF : 886556.4/13

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

Right Out: 688.054+/-0.206 χ^2/NDF : 1072598.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

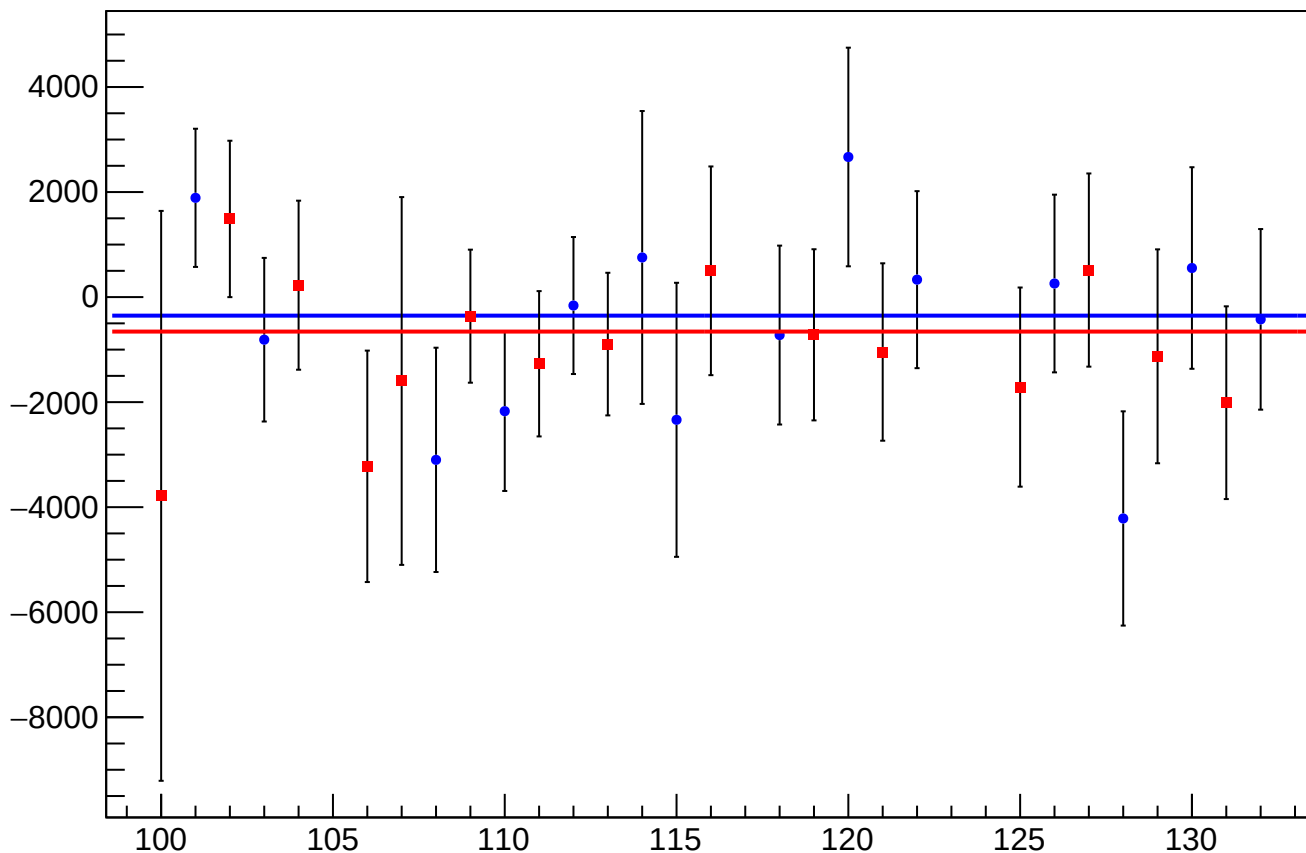
Right: 710.504+/-0.151 χ^2/NDF : 1984771.7/28

In: 736.629+/-0.223 χ^2/NDF : 886556.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 710.504+/-0.151 χ^2/NDF : 1984771.7/28

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -353.108+/-464.613 χ^2/NDF : 13.1/13

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

Right Out: -656.573+/-449.955 χ^2/NDF : 6.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

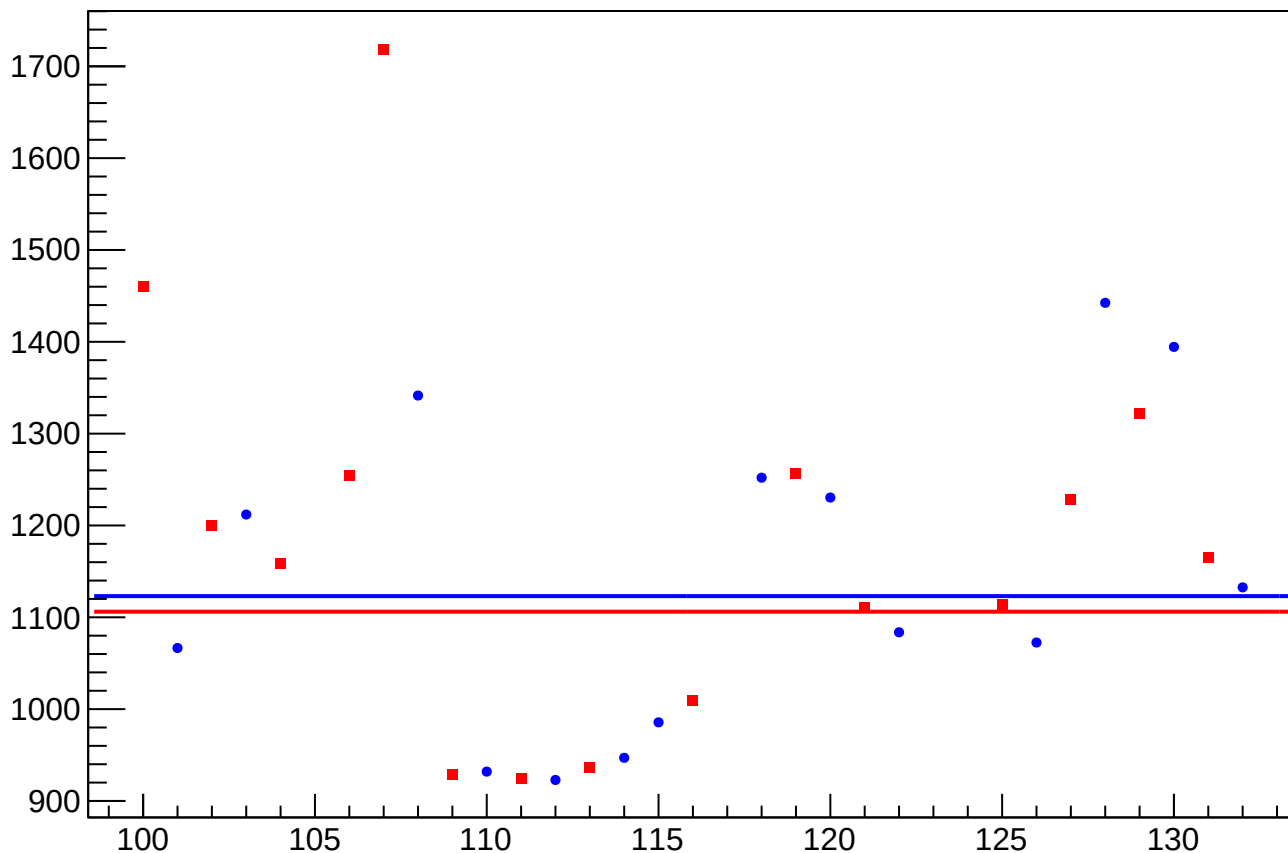
Right: -509.703+/-323.224 χ^2/NDF : 19.4/28

In: -353.108+/-464.613 χ^2/NDF : 13.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -509.703+/-323.224 χ^2/NDF : 19.4/28

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1123.064+/-0.329 χ^2/NDF : 232148.0/13

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

Right Out: 1106.097+/-0.318 χ^2/NDF : 248490.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

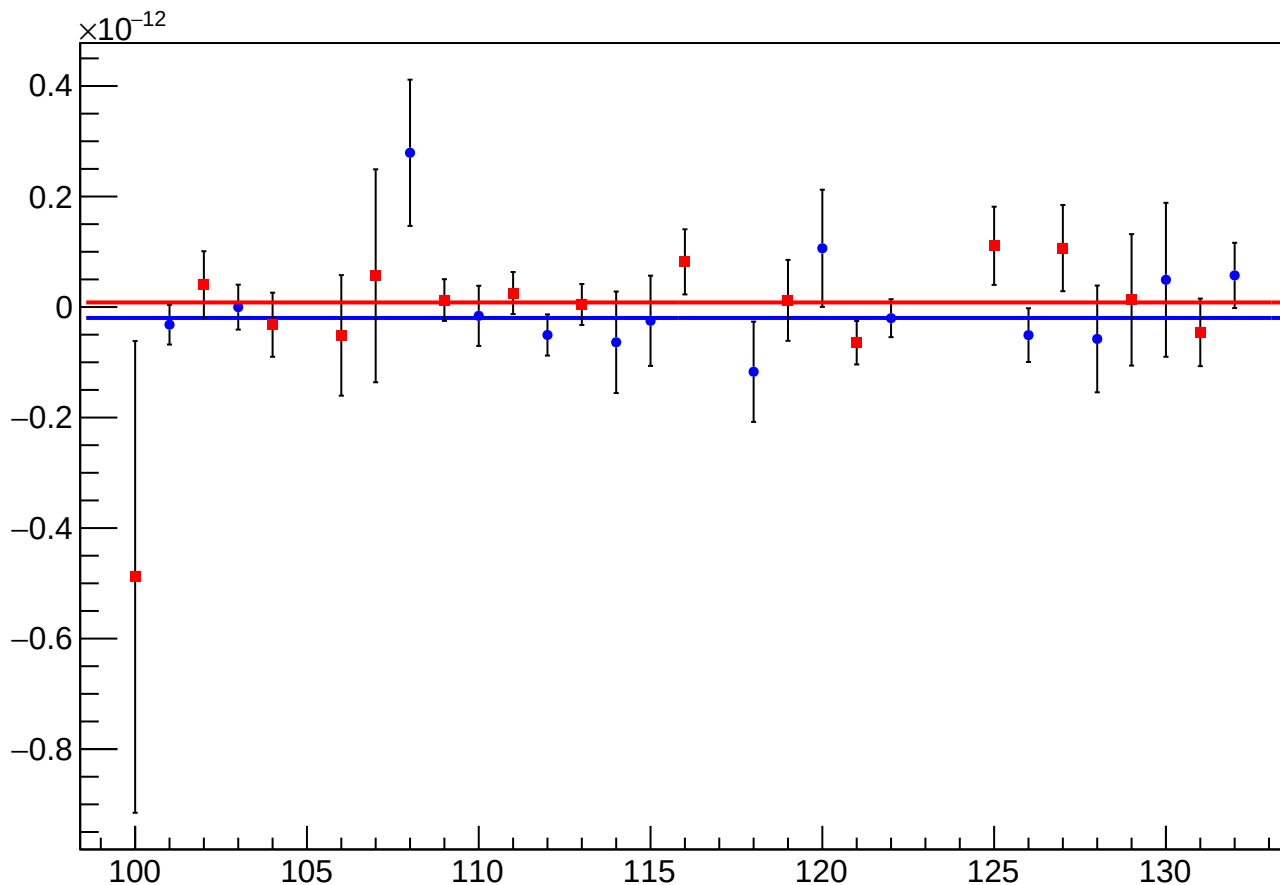
Right: 1114.309+/-0.229 χ^2/NDF : 482014.6/28

In: 1123.064+/-0.329 χ^2/NDF : 232148.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1114.309+/-0.229 χ^2/NDF : 482014.6/28

asym_us_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.4/13

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

Right Out: 0.000+/-0.000 χ^2/NDF : 12.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

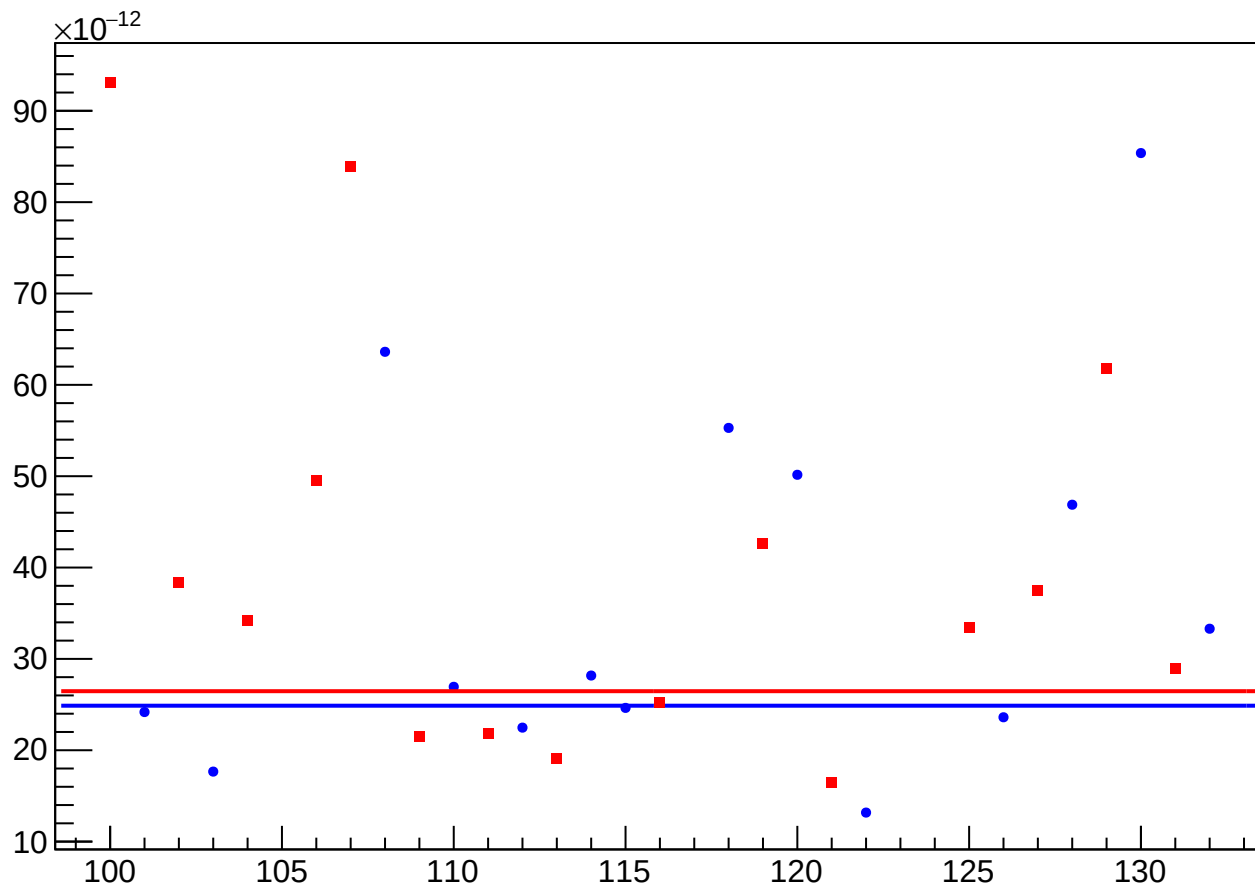
Right: -0.000+/-0.000 χ^2/NDF : 25.5/28

In: -0.000+/-0.000 χ^2/NDF : 11.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.5/28

asym_us_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1342196.1/13

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1041095.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

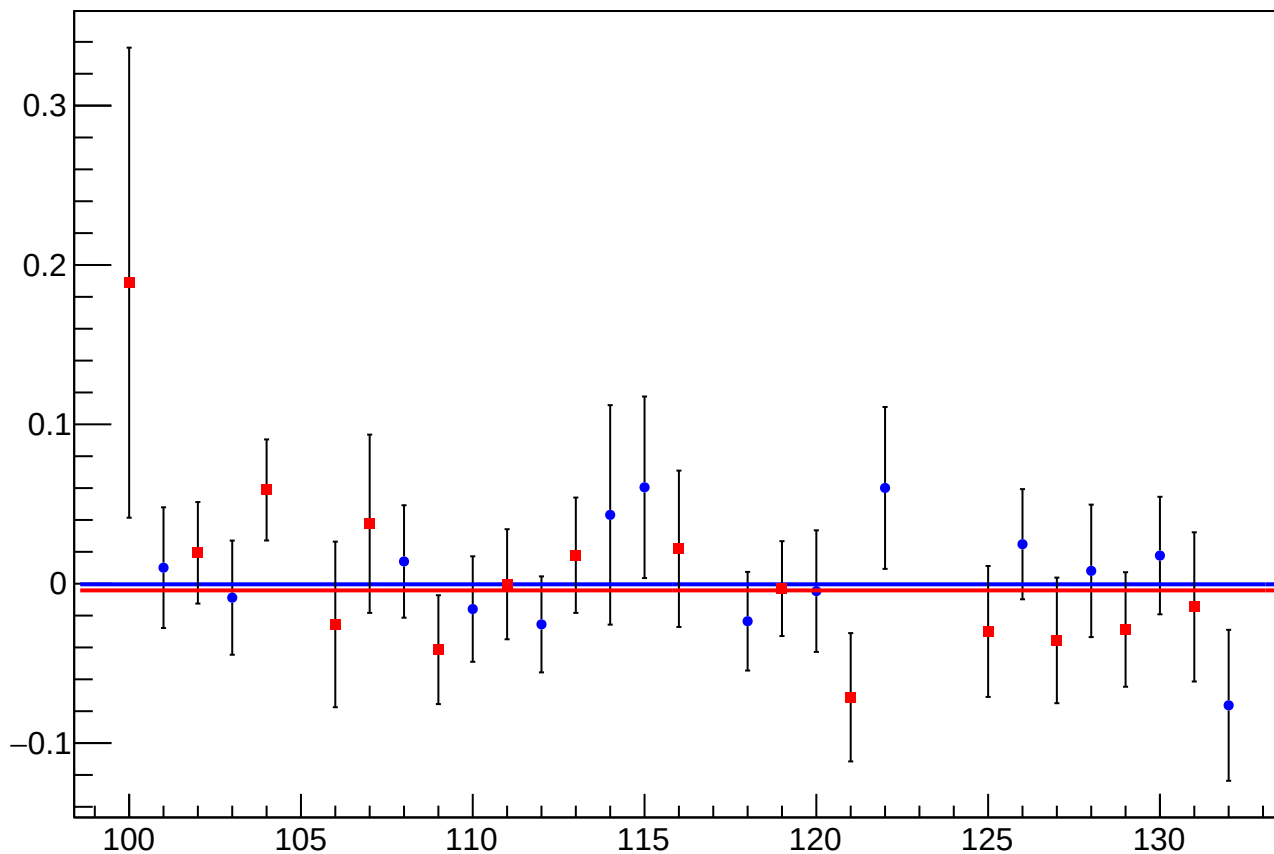
Right: 0.000+/-0.000 χ^2/NDF : 2395063.4/28

In: 0.000+/-0.000 χ^2/NDF : 1342196.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2395063.4/28

asym_us_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.010 χ^2/NDF : 8.1/13

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

Right Out: -0.004 ± 0.010 χ^2/NDF : 13.1/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

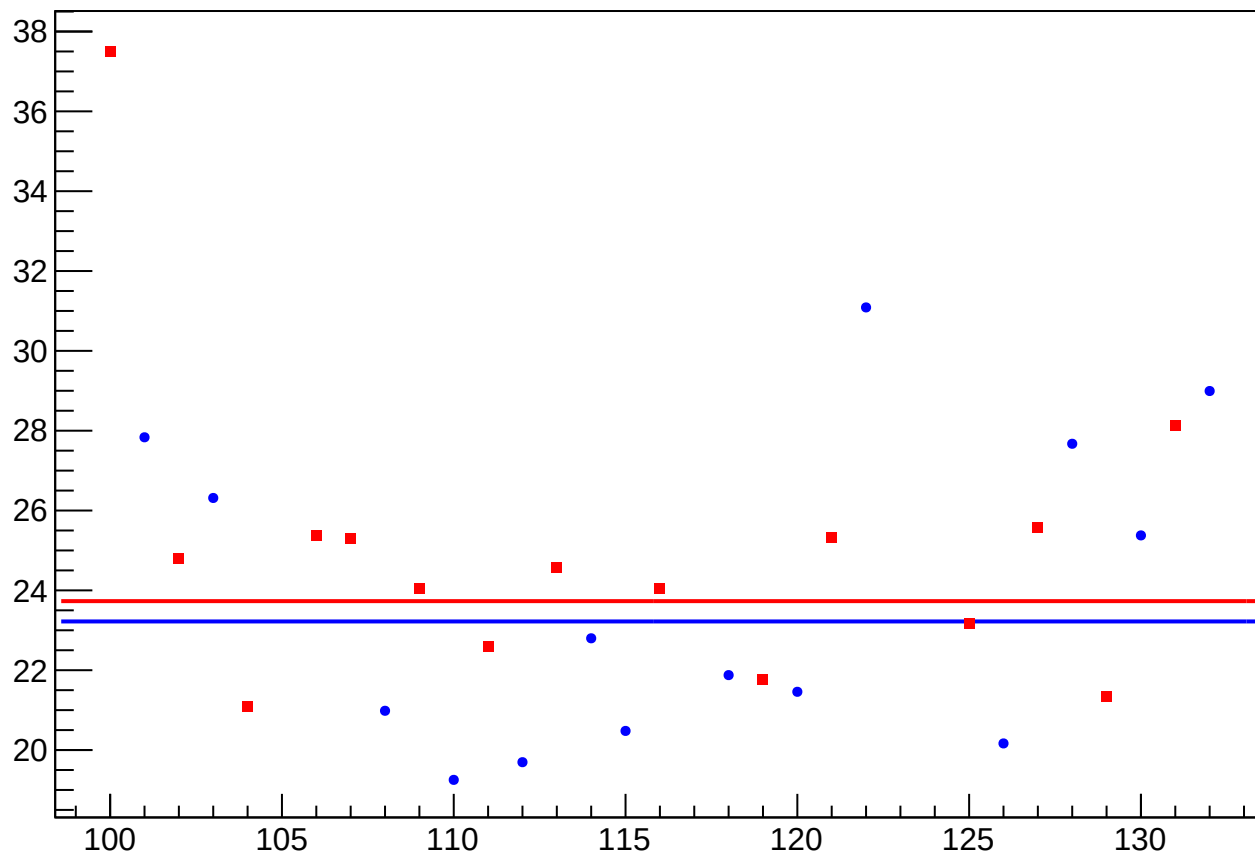
Right: -0.002 ± 0.007 χ^2/NDF : 21.3/28

In: -0.000 ± 0.010 χ^2/NDF : 8.1/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.002 ± 0.007 χ^2/NDF : 21.3/28

asym_us_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.222 $\pm$ 0.007 χ^2 /NDF: 244636.5/13

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

Right Out: 23.730 $\pm$ 0.007 χ^2 /NDF: 83722.3/14

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

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

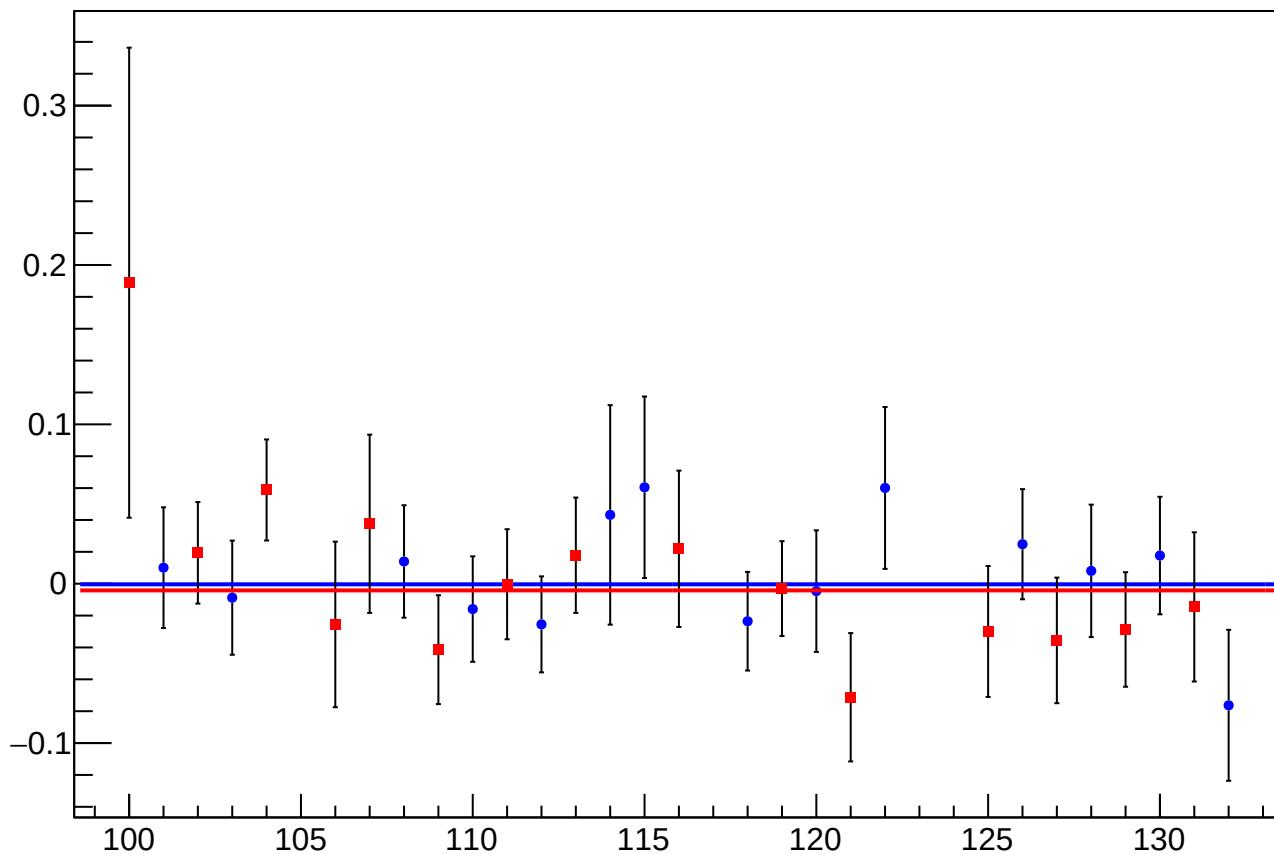
Right: 23.480 $\pm$ 0.005 χ^2 /NDF: 330861.0/28

In: 23.222 $\pm$ 0.007 χ^2 /NDF:244636.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 23.480 $\pm$ 0.005 χ^2 /NDF: 330861.0/28

asym_us_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.010 χ^2 /NDF: 8.1/13

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

Right Out: -0.004+/-0.010 χ^2 /NDF: 13.1/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

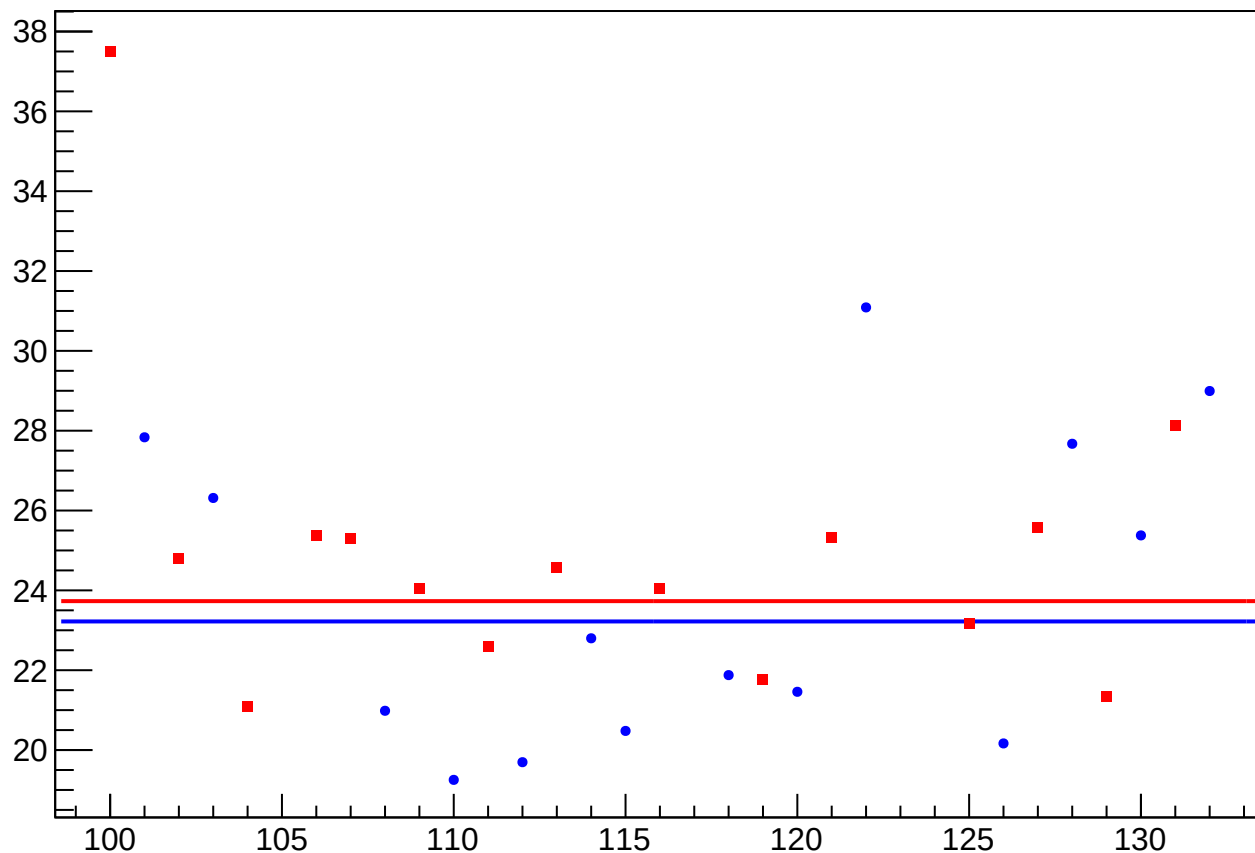
Right: -0.002+/-0.007 χ^2 /NDF: 21.3/28

In: -0.000+/-0.010 χ^2 /NDF:8.1/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.002+/-0.007 χ^2 /NDF: 21.3/28

asym_us_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.222+/-0.007 χ^2/NDF : 244636.5/13

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

Right Out: 23.730+/-0.007 χ^2/NDF : 83722.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

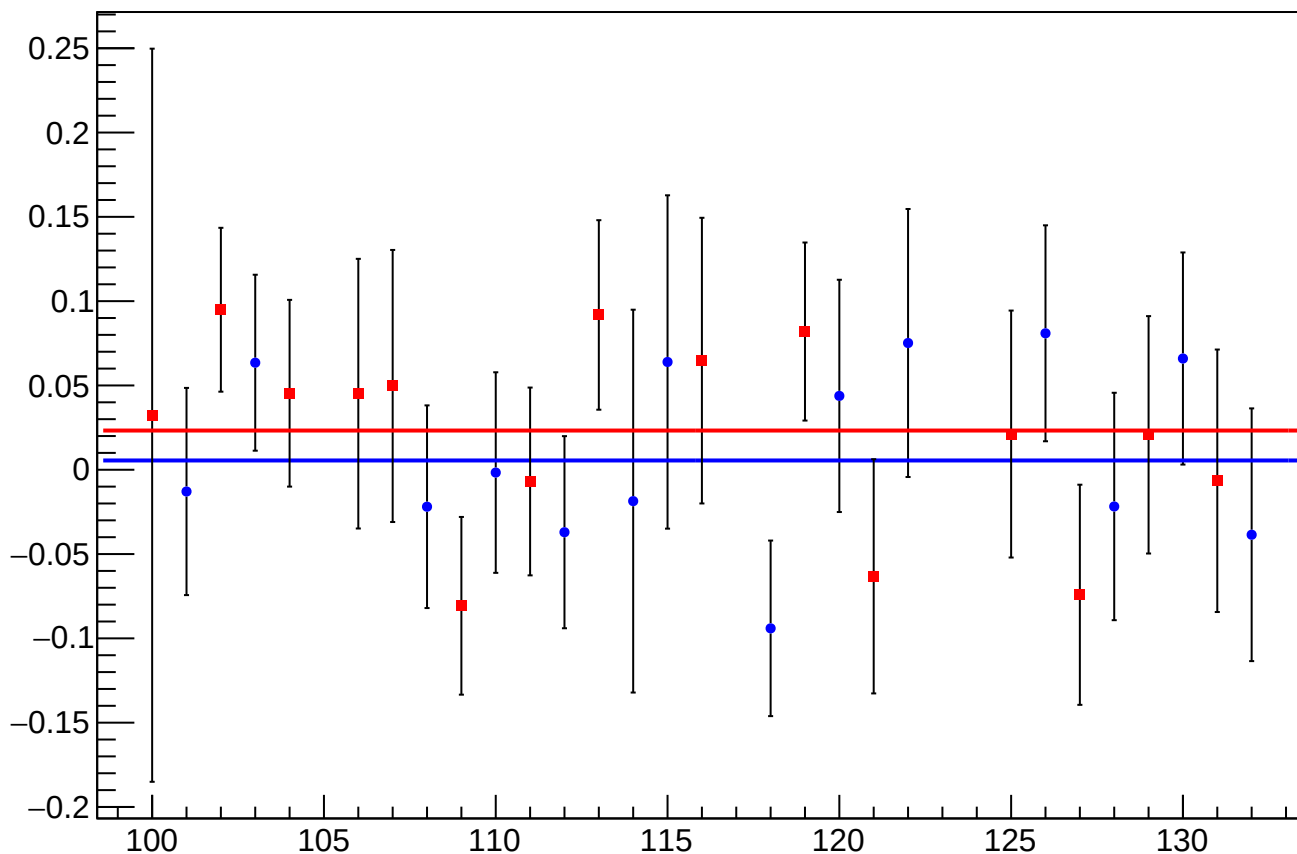
Right: 23.480+/-0.005 χ^2/NDF : 330861.0/28

In: 23.222+/-0.007 χ^2/NDF :244636.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.480+/-0.005 χ^2/NDF : 330861.0/28

asym_us_dd_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006 $\pm$ 0.017 χ^2 /NDF: 10.1/13

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

Right Out: 0.023 $\pm$ 0.017 χ^2 /NDF: 13.6/14

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

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

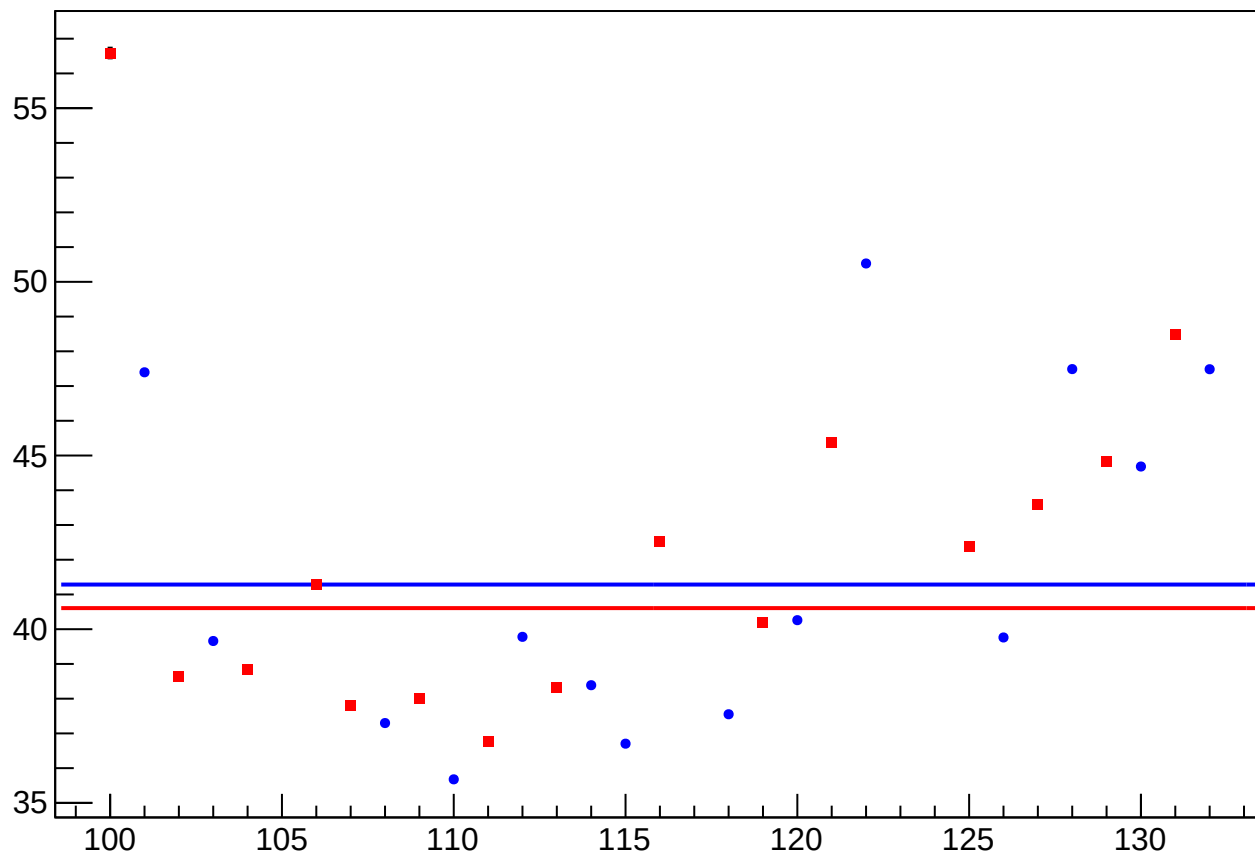
Right: 0.015 $\pm$ 0.012 χ^2 /NDF: 24.2/28

In: 0.006 $\pm$ 0.017 χ^2 /NDF:10.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.015 $\pm$ 0.012 χ^2 /NDF: 24.2/28

asym_us_dd_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.285+/-0.012 χ^2/NDF : 130644.7/13

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

Right Out: 40.607+/-0.012 χ^2/NDF : 80074.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

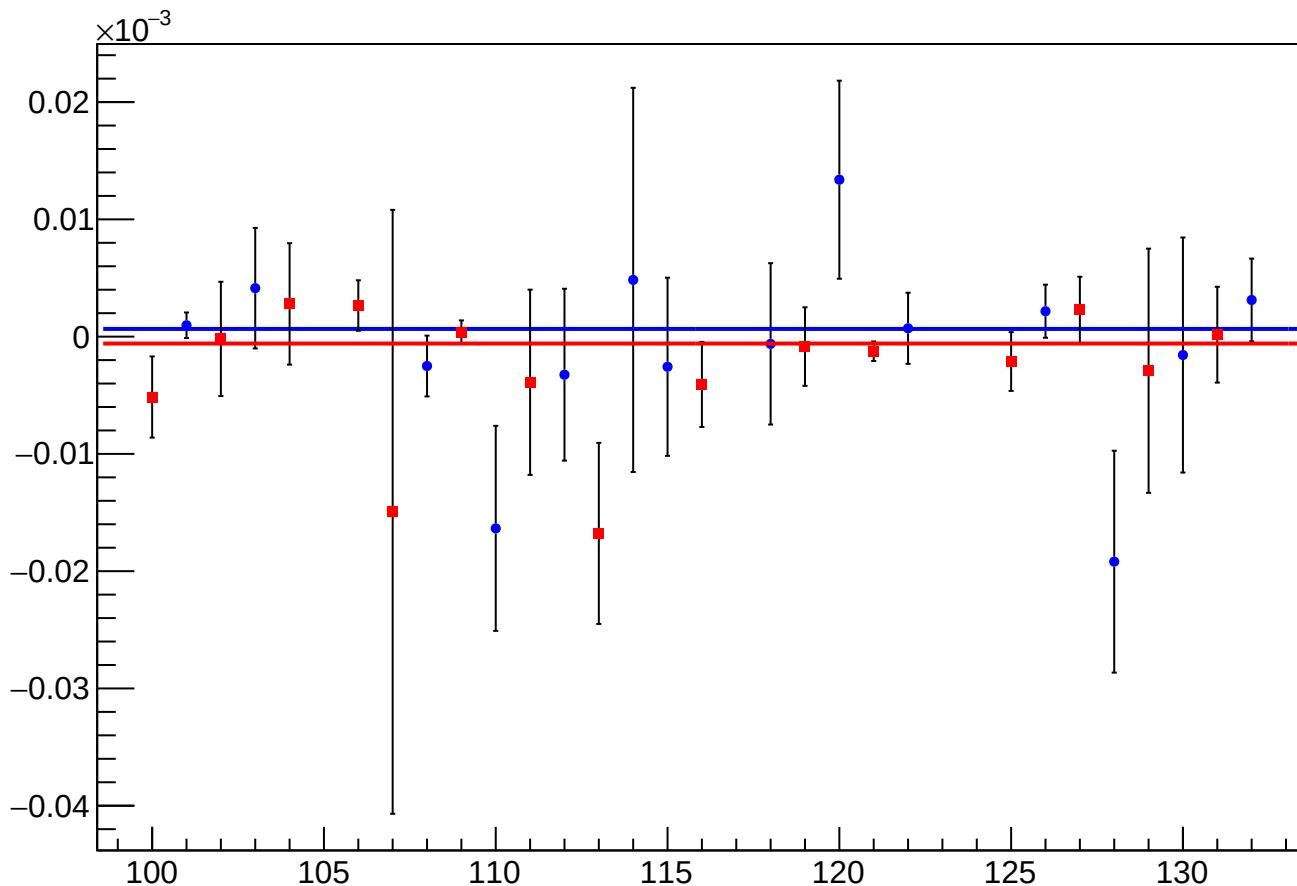
Right: 40.933+/-0.009 χ^2/NDF : 212300.8/28

In: 41.285+/-0.012 χ^2/NDF :130644.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 40.933+/-0.009 χ^2/NDF : 212300.8/28

asym_us_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.0/13

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

Right Out: -0.000+/-0.000 χ^2/NDF : 13.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

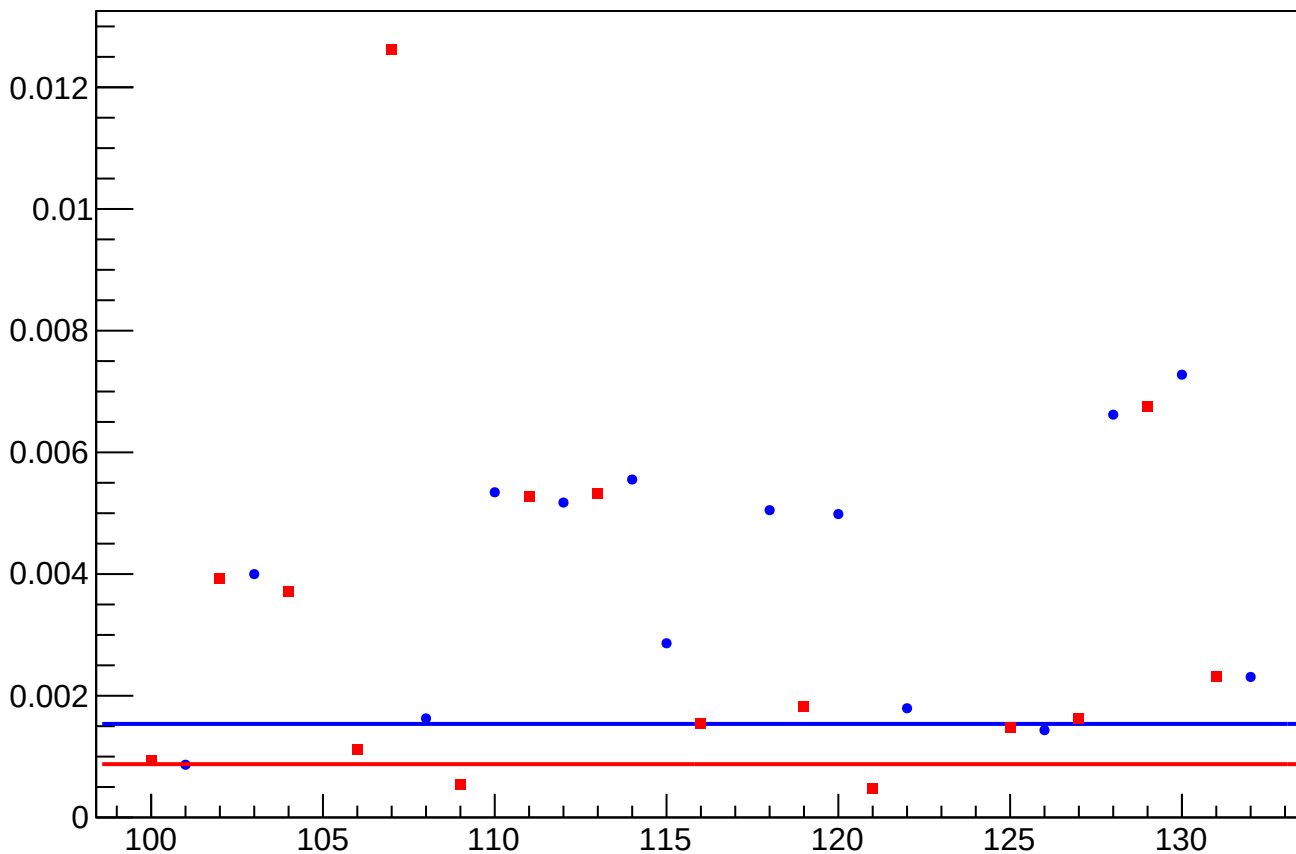
Right: -0.000+/-0.000 χ^2/NDF : 29.0/28

In: 0.000+/-0.000 χ^2/NDF : 14.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.0/28

asym_us_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 4480038.1/13

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

Right Out: 0.001+/-0.000 χ^2/NDF : 5167206.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

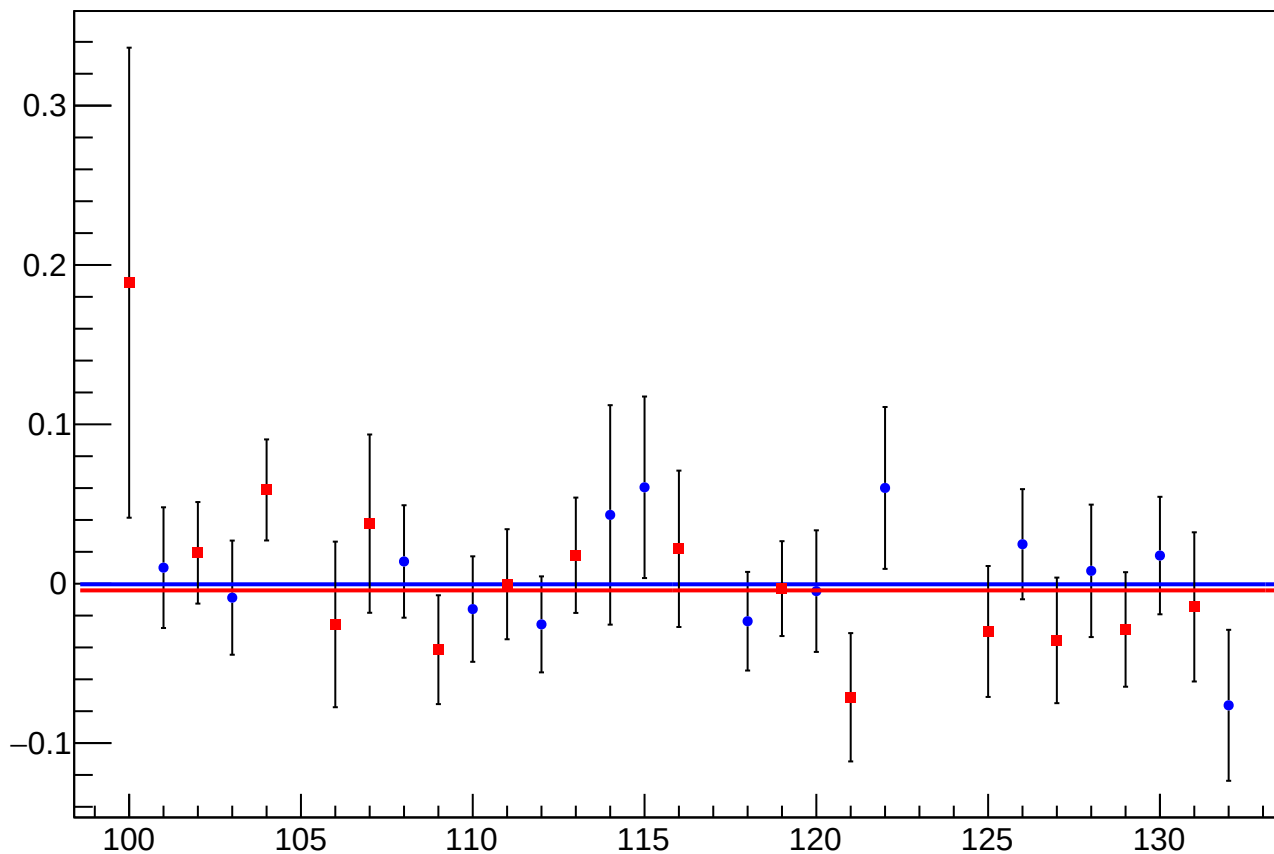
Right: 0.001+/-0.000 χ^2/NDF : 10567330.9/28

In: 0.002+/-0.000 χ^2/NDF :4480038.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 10567330.9/28

asym_us_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.010 χ^2/NDF : 8.1/13

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

Right Out: -0.004 ± 0.010 χ^2/NDF : 13.1/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

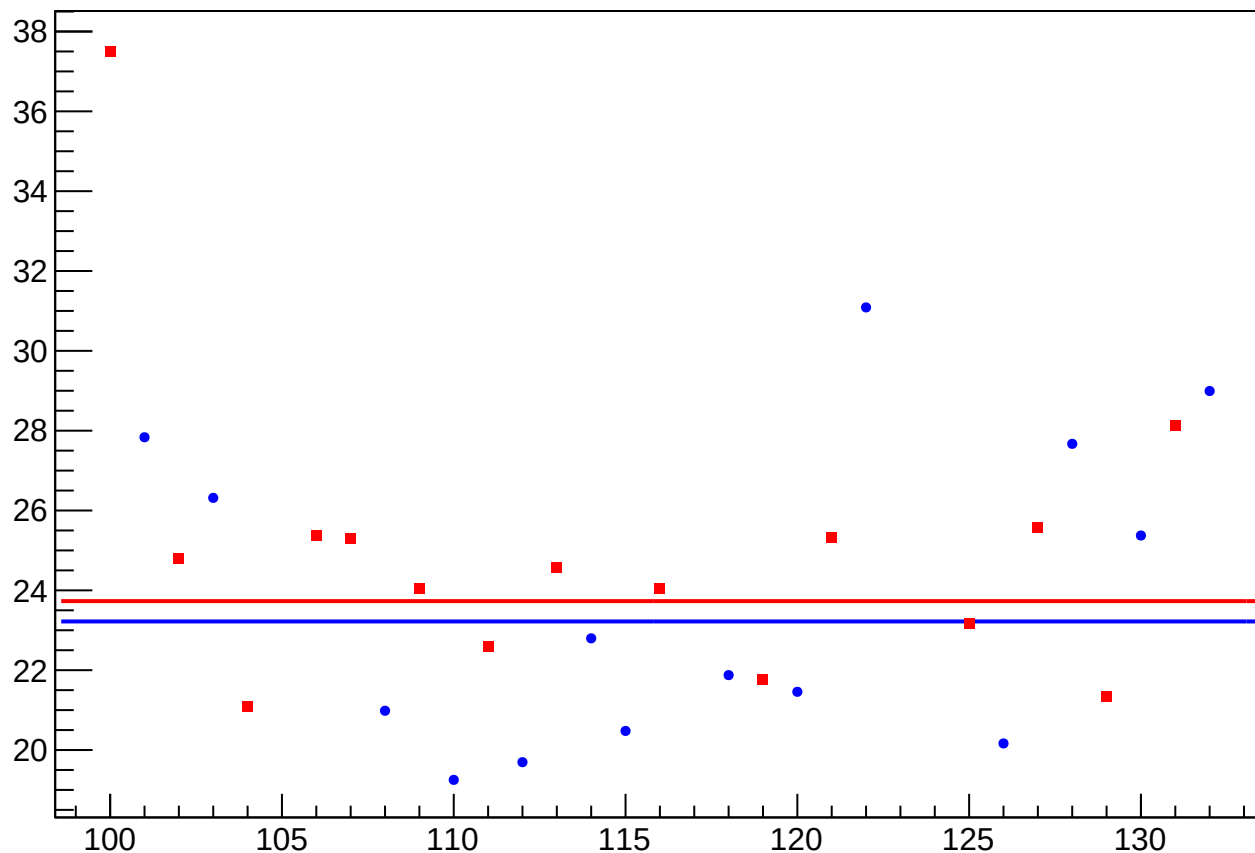
Right: -0.002 ± 0.007 χ^2/NDF : 21.3/28

In: -0.000 ± 0.010 χ^2/NDF : 8.1/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.002 ± 0.007 χ^2/NDF : 21.3/28

asym_us_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.221+/-0.007 χ^2/NDF : 244650.2/13

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

Right Out: 23.730+/-0.007 χ^2/NDF : 83706.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

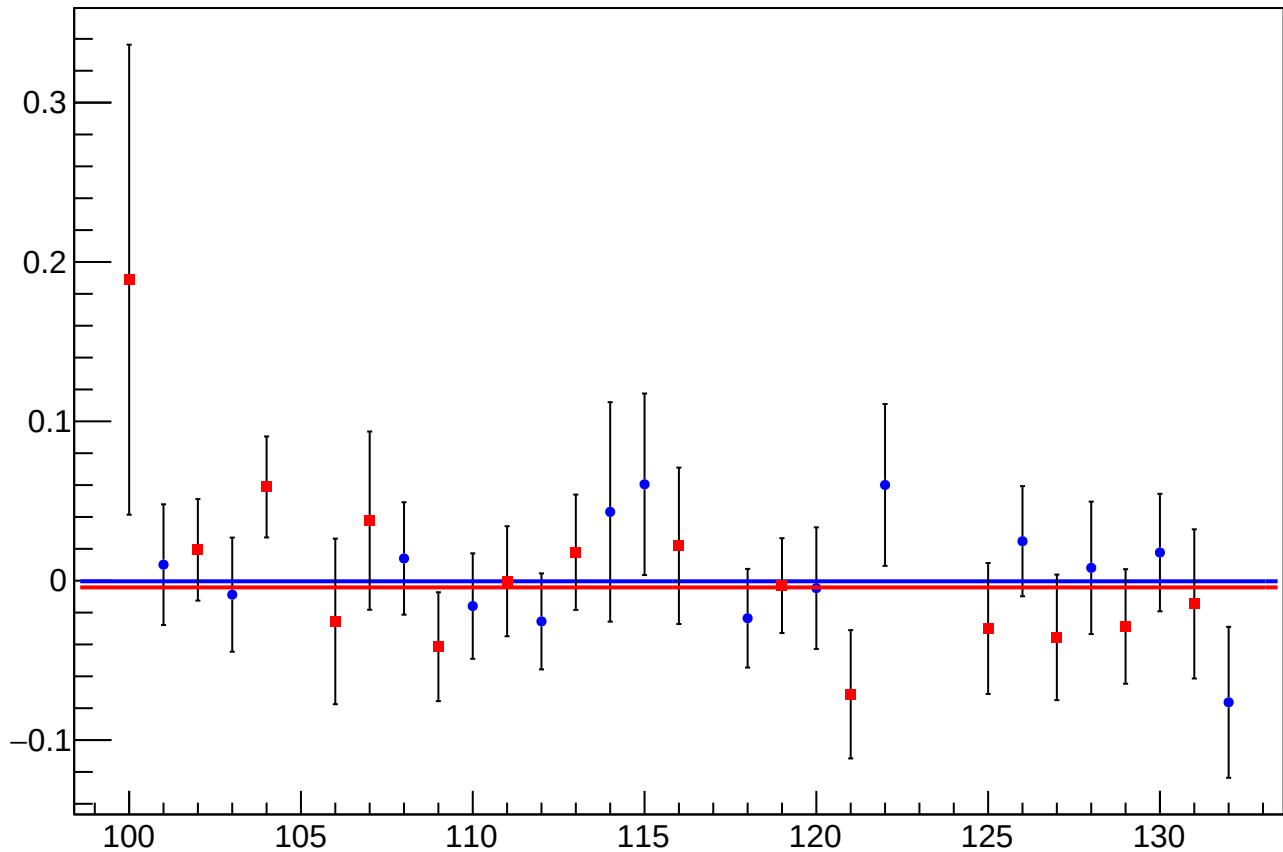
Right: 23.479+/-0.005 χ^2/NDF : 330865.4/28

In: 23.221+/-0.007 χ^2/NDF :244650.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.479+/-0.005 χ^2/NDF : 330865.4/28

asym_us_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.010 χ^2/NDF : 8.1/13

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

Right Out: -0.004+/-0.010 χ^2/NDF : 13.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

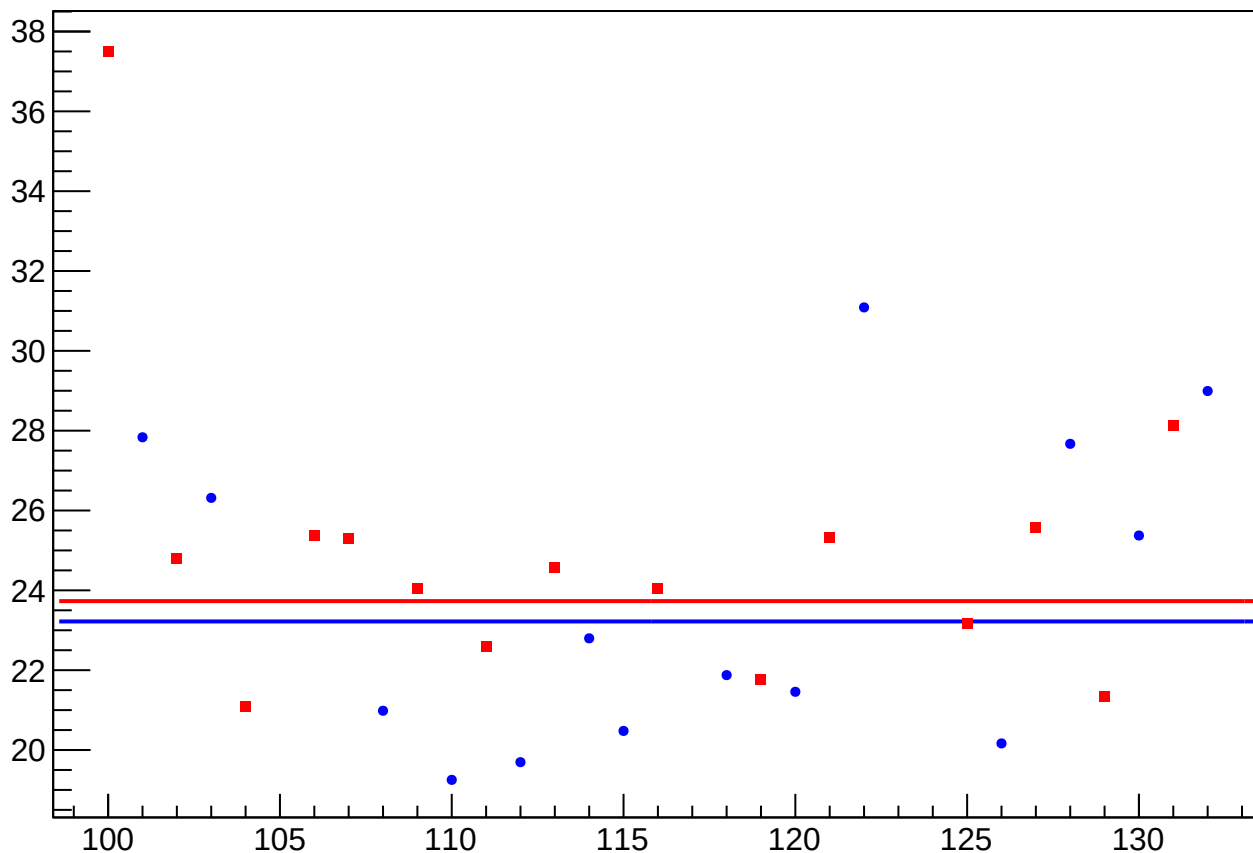
Right: -0.002+/-0.007 χ^2/NDF : 21.3/28

In: -0.000+/-0.010 χ^2/NDF : 8.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.002+/-0.007 χ^2/NDF : 21.3/28

asym_us_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.221+/-0.007 χ^2/NDF : 244650.2/13

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

Right Out: 23.730+/-0.007 χ^2/NDF : 83706.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

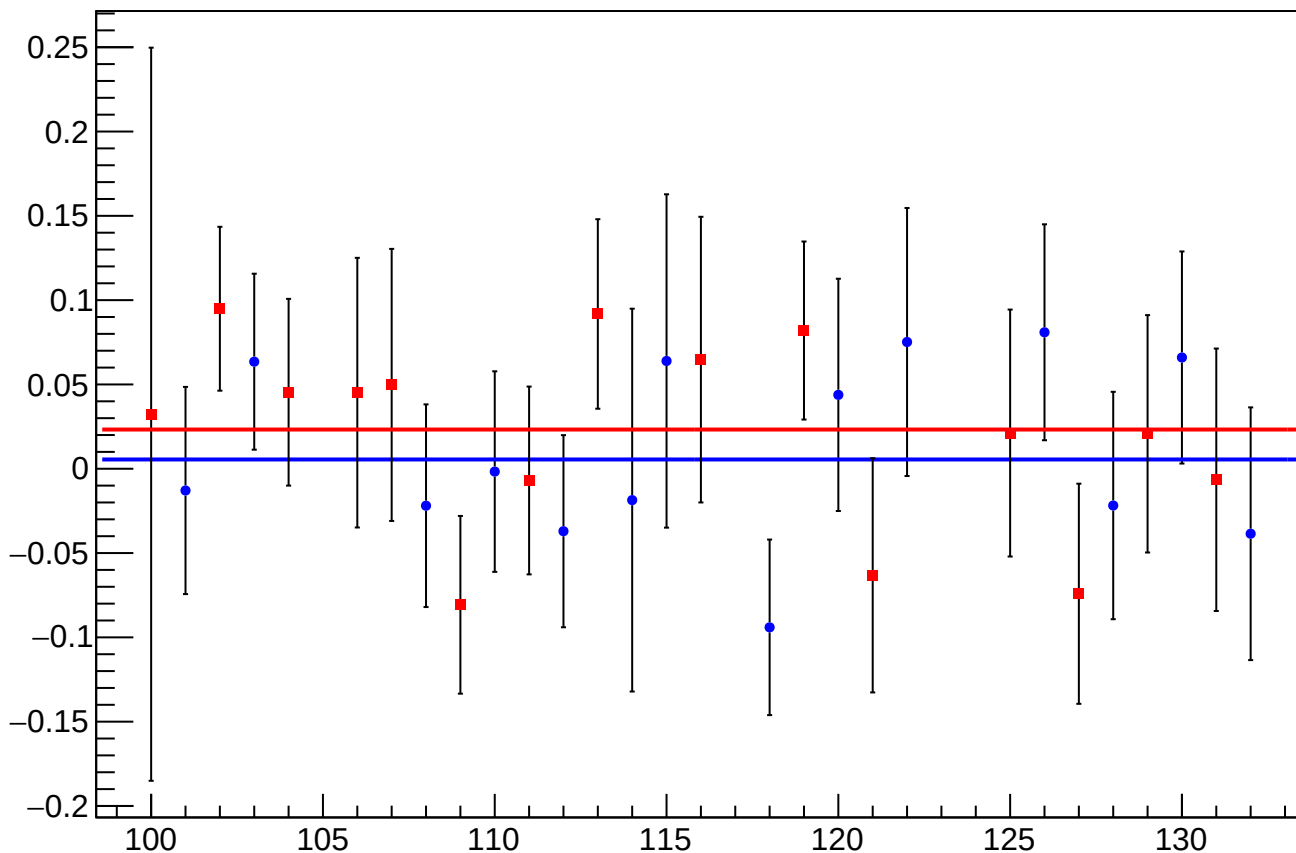
Right: 23.479+/-0.005 χ^2/NDF : 330865.4/28

In: 23.221+/-0.007 χ^2/NDF :244650.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.479+/-0.005 χ^2/NDF : 330865.4/28

asym_us_dd_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006 $\pm$ 0.017 χ^2 /NDF: 10.1/13

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

Right Out: 0.023 $\pm$ 0.017 χ^2 /NDF: 13.6/14

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

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

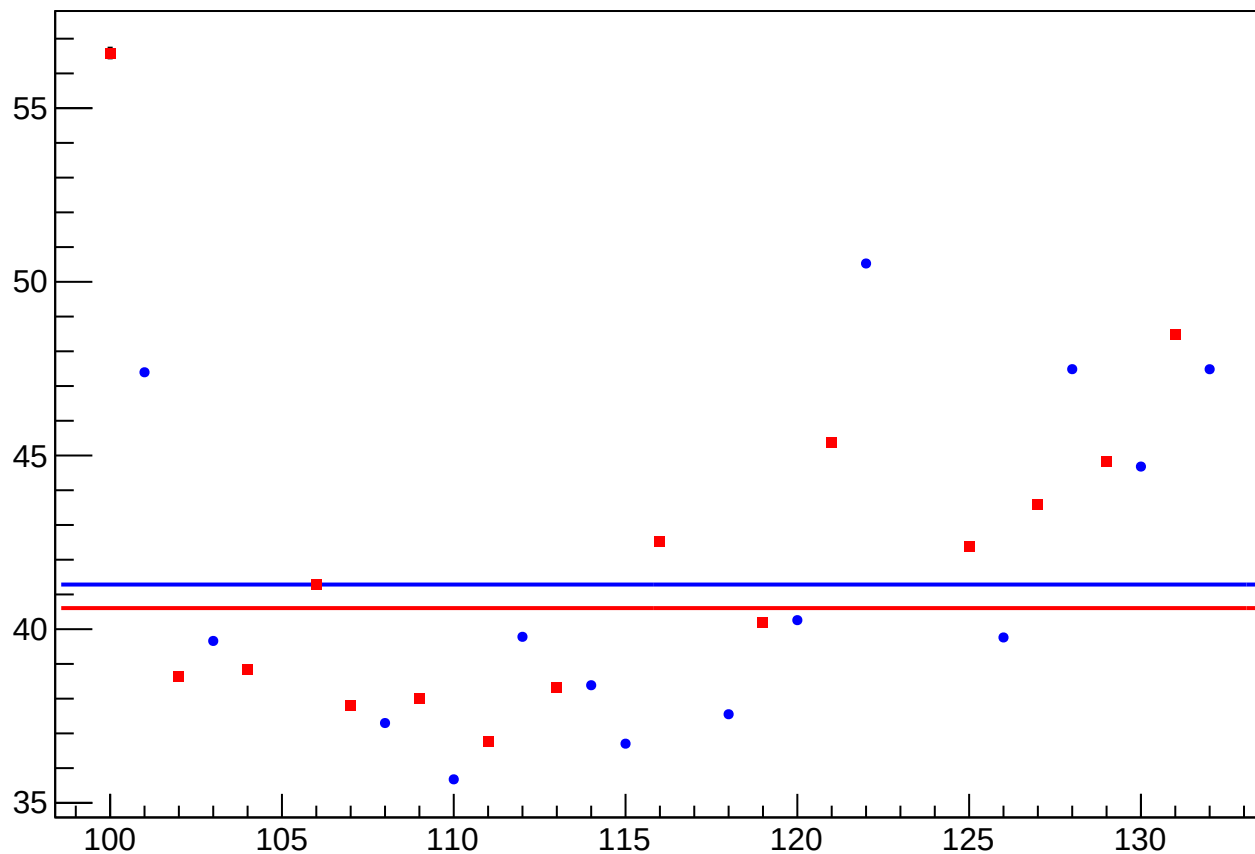
Right: 0.015 $\pm$ 0.012 χ^2 /NDF: 24.2/28

In: 0.006 $\pm$ 0.017 χ^2 /NDF:10.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.015 $\pm$ 0.012 χ^2 /NDF: 24.2/28

asym_us_dd_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.285+/-0.012 χ^2/NDF : 130627.4/13

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

Right Out: 40.607+/-0.012 χ^2/NDF : 80062.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

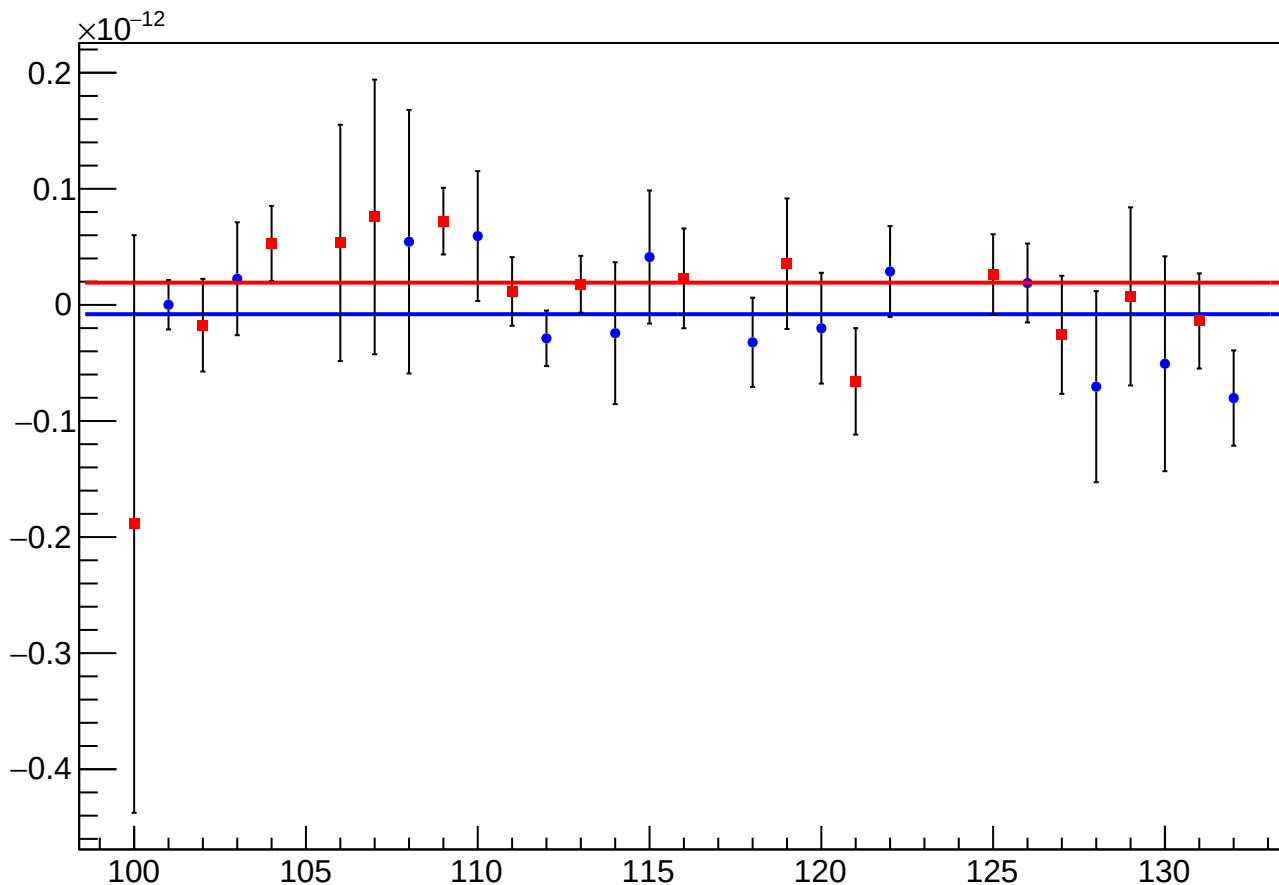
Right: 40.933+/-0.009 χ^2/NDF : 212271.2/28

In: 41.285+/-0.012 χ^2/NDF :130627.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 40.933+/-0.009 χ^2/NDF : 212271.2/28

asym_us_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.7/13

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

Right Out: 0.000+/-0.000 χ^2/NDF : 11.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

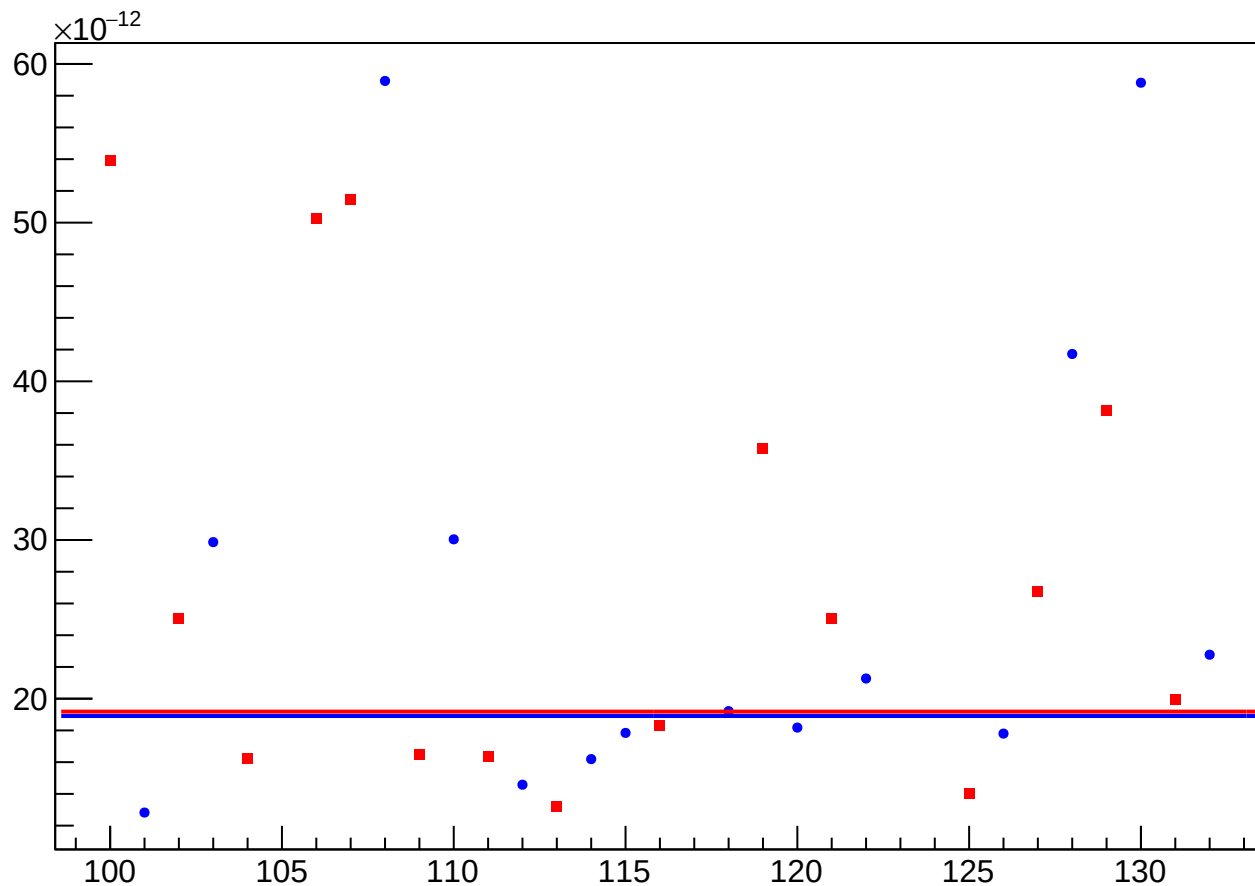
Right: 0.000+/-0.000 χ^2/NDF : 24.5/28

In: -0.000+/-0.000 χ^2/NDF :9.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.5/28

asym_us_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1216613.1/13

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1010061.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

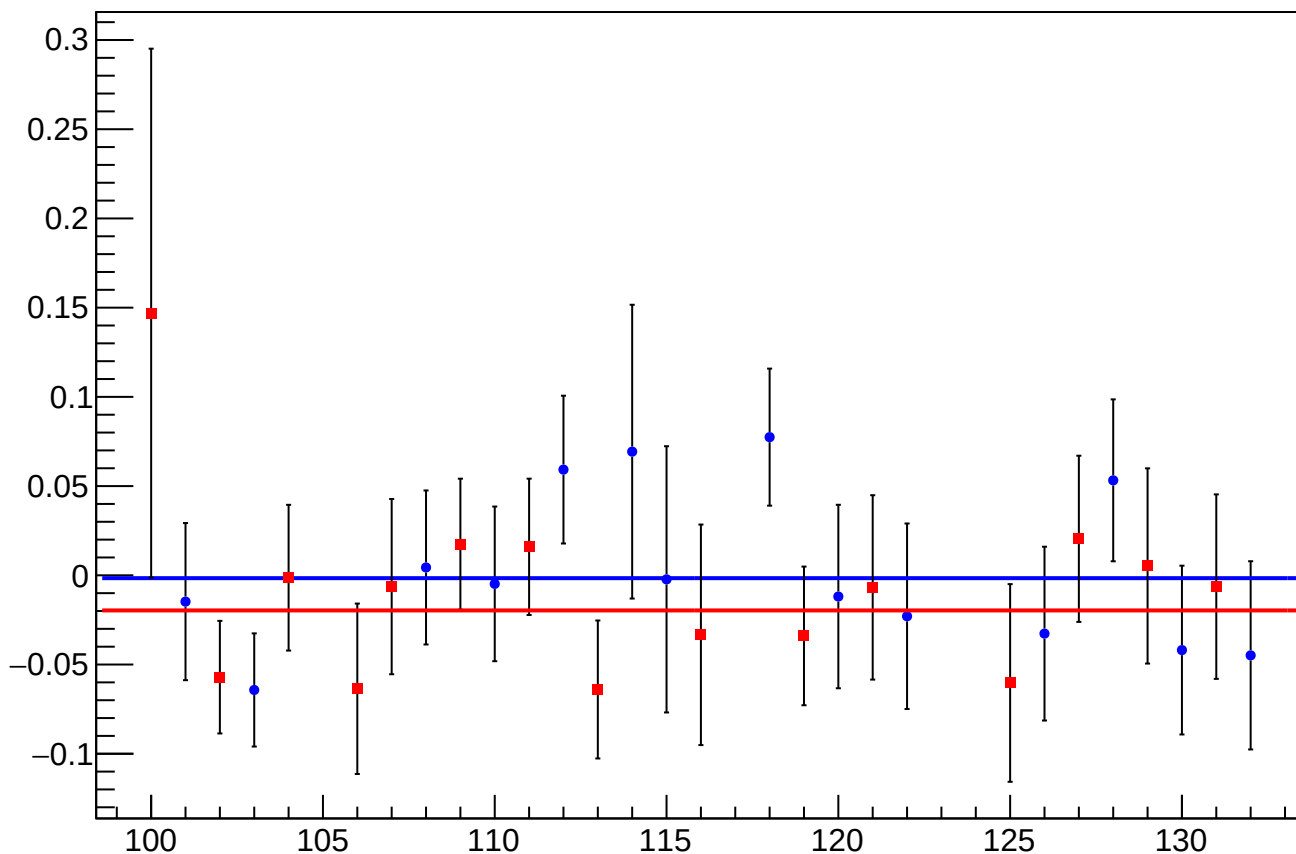
Right: 0.000+/-0.000 χ^2/NDF : 2227363.3/28

In: 0.000+/-0.000 χ^2/NDF : 1216613.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2227363.3/28

asym_us_dd_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.012 χ^2 /NDF: 14.6/13

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

Right Out: -0.020 $\pm$ 0.012 χ^2 /NDF: 8.8/14

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

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

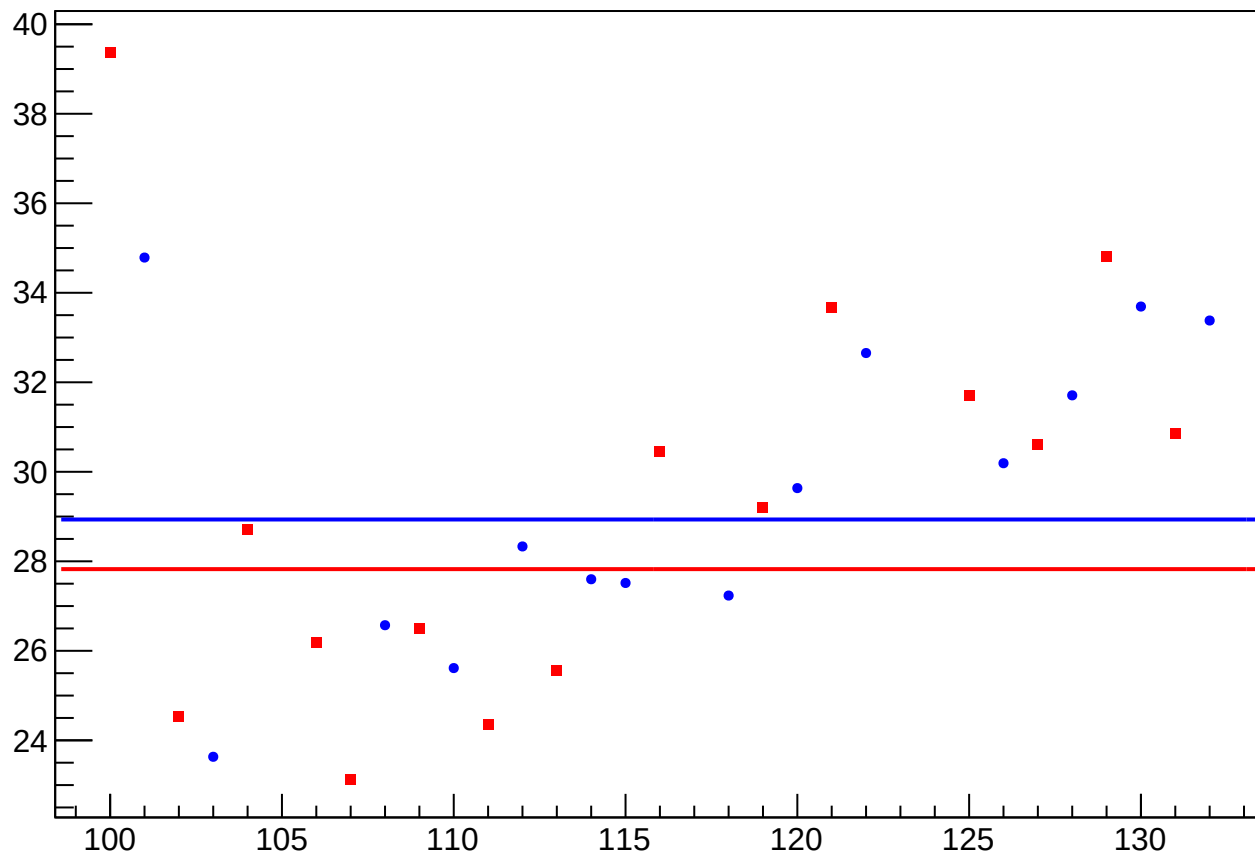
Right: -0.011 $\pm$ 0.008 χ^2 /NDF: 24.6/28

In: -0.002 $\pm$ 0.012 χ^2 /NDF:14.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.011 $\pm$ 0.008 χ^2 /NDF: 24.6/28

asym_us_dd_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.934 ± 0.009 $\chi^2/\text{NDF}: 168445.0/13$

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

Right Out: 27.825 ± 0.008 $\chi^2/\text{NDF}: 169874.6/14$

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

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

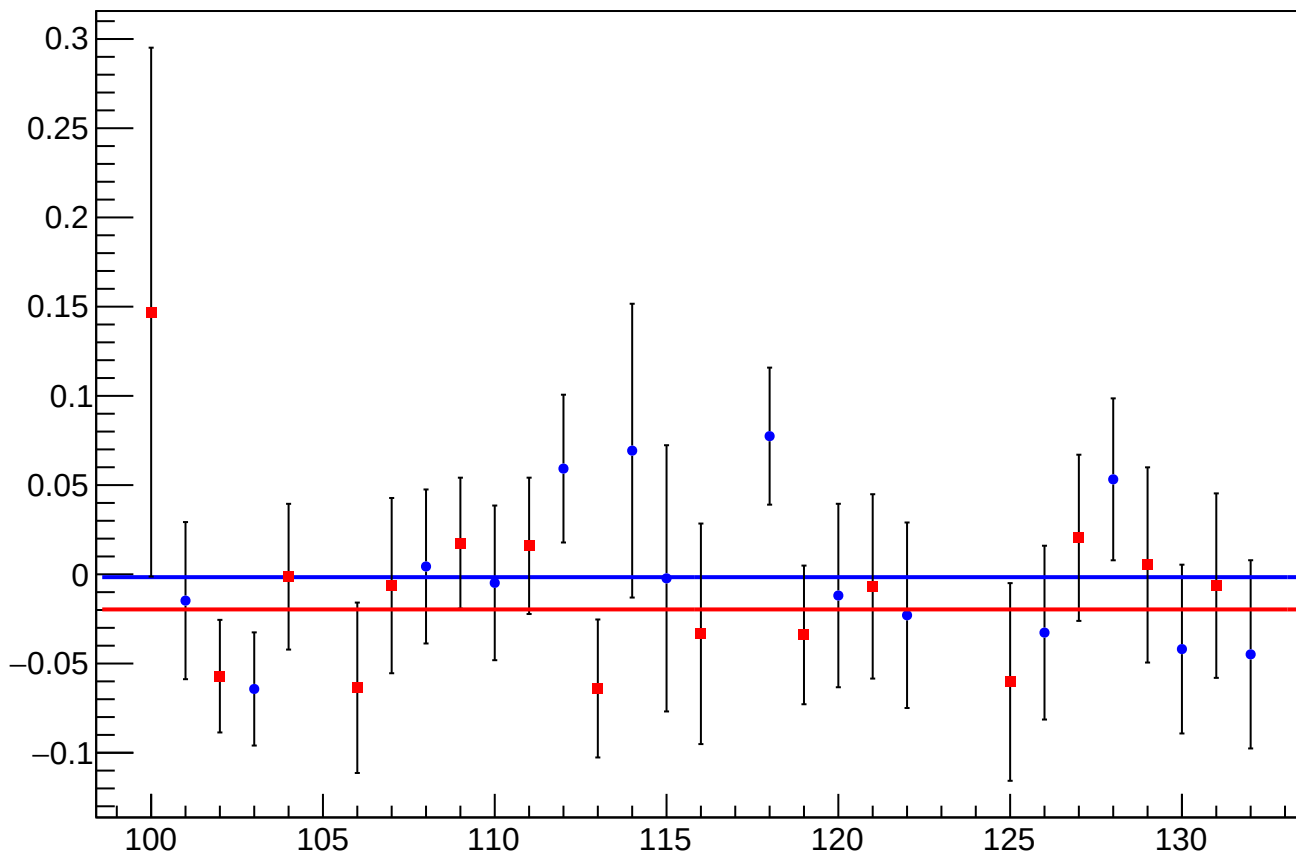
Right: 28.350 ± 0.006 $\chi^2/\text{NDF}: 346918.4/28$

In: 28.934 ± 0.009 $\chi^2/\text{NDF}: 168445.0/13$

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

All: 28.350 ± 0.006 $\chi^2/\text{NDF}: 346918.4/28$

asym_us_dd_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.012 χ^2 /NDF: 14.6/13

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

Right Out: -0.020 $\pm$ 0.012 χ^2 /NDF: 8.8/14

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

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

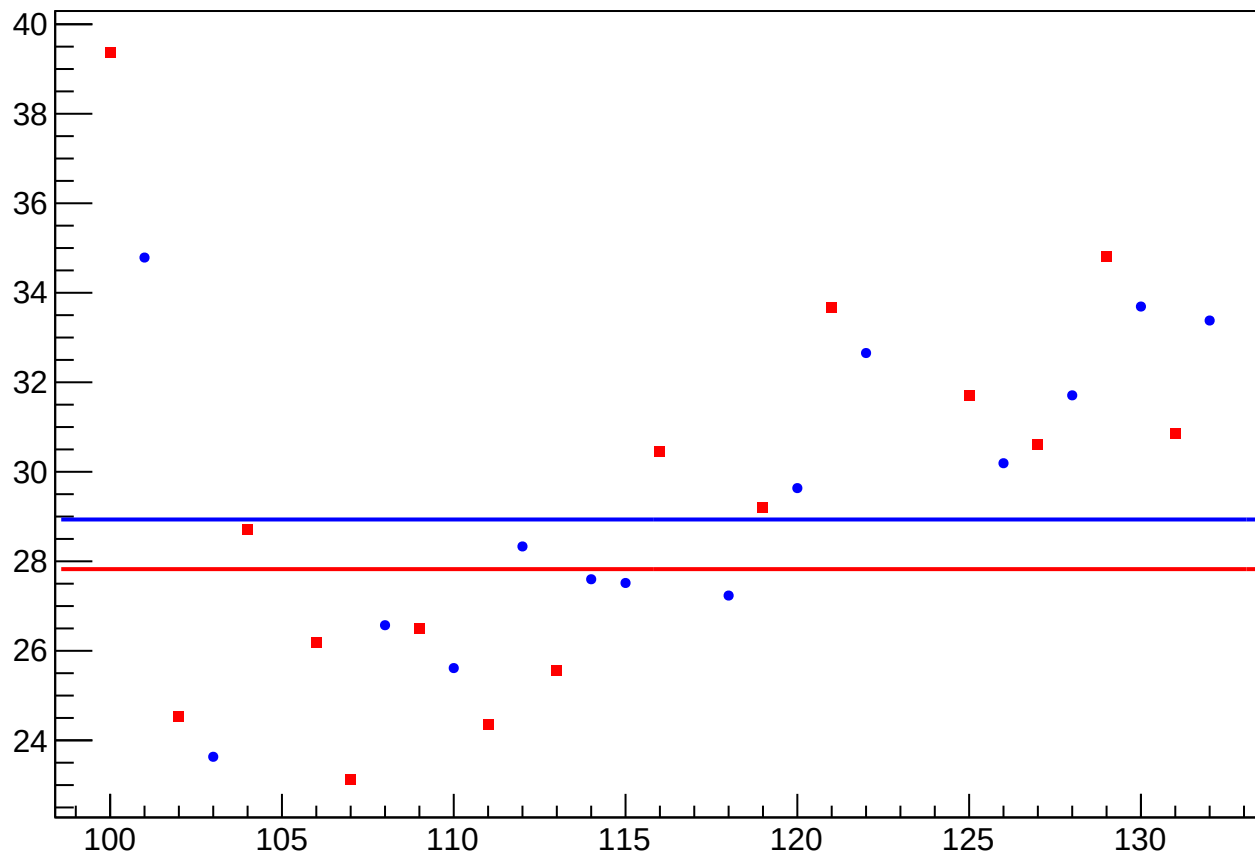
Right: -0.011 $\pm$ 0.008 χ^2 /NDF: 24.6/28

In: -0.002 $\pm$ 0.012 χ^2 /NDF:14.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.011 $\pm$ 0.008 χ^2 /NDF: 24.6/28

asym_us_dd_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.934+/-0.009 χ^2/NDF : 168445.0/13

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

Right Out: 27.825+/-0.008 χ^2/NDF : 169874.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

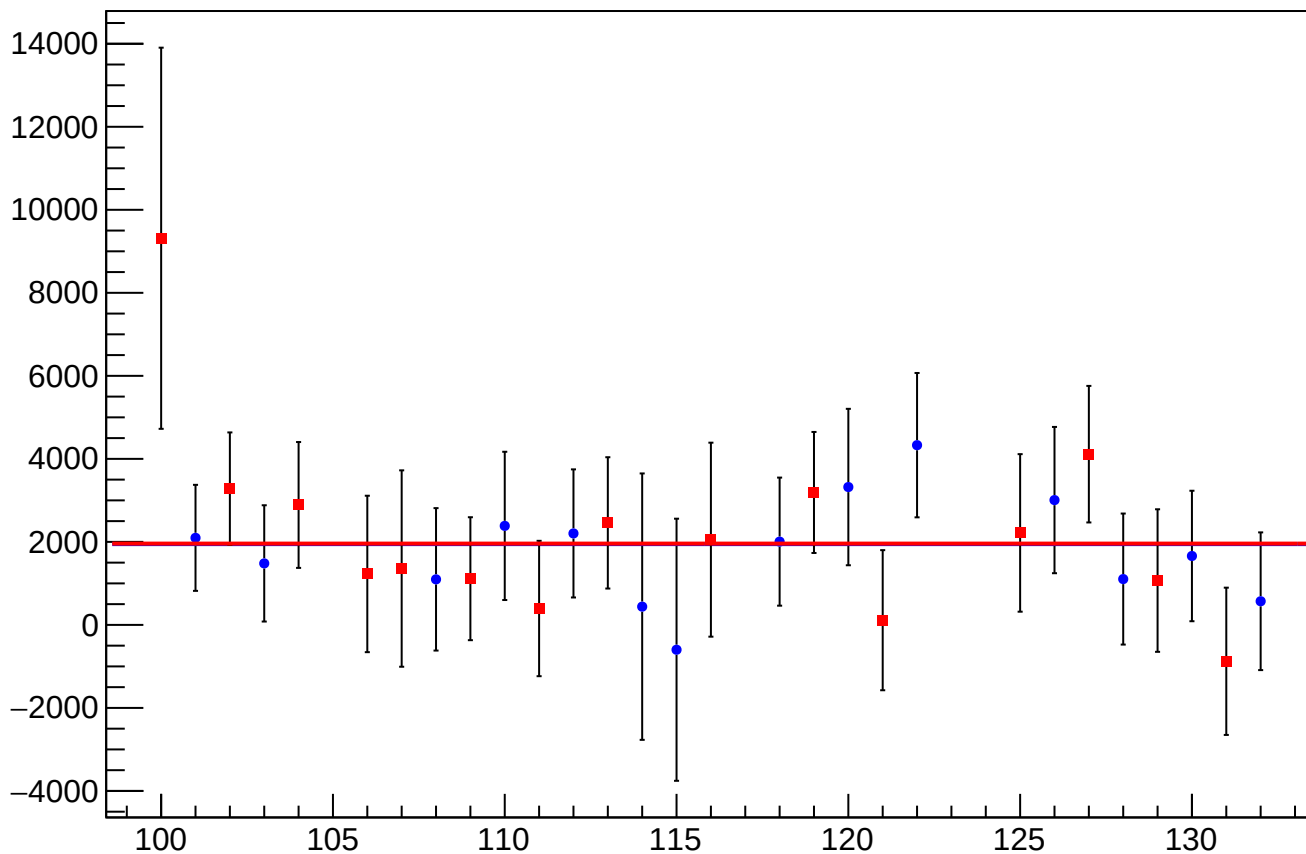
Right: 28.350+/-0.006 χ^2/NDF : 346918.4/28

In: 28.934+/-0.009 χ^2/NDF : 168445.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.350+/-0.006 χ^2/NDF : 346918.4/28

reg_asym_usl_mean vs Slug, Sign Corrected



Right In: 1946.210+/-450.934 χ^2/NDF : 5.1/13

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

Right Out: 1958.577+/-445.977 χ^2/NDF : 11.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

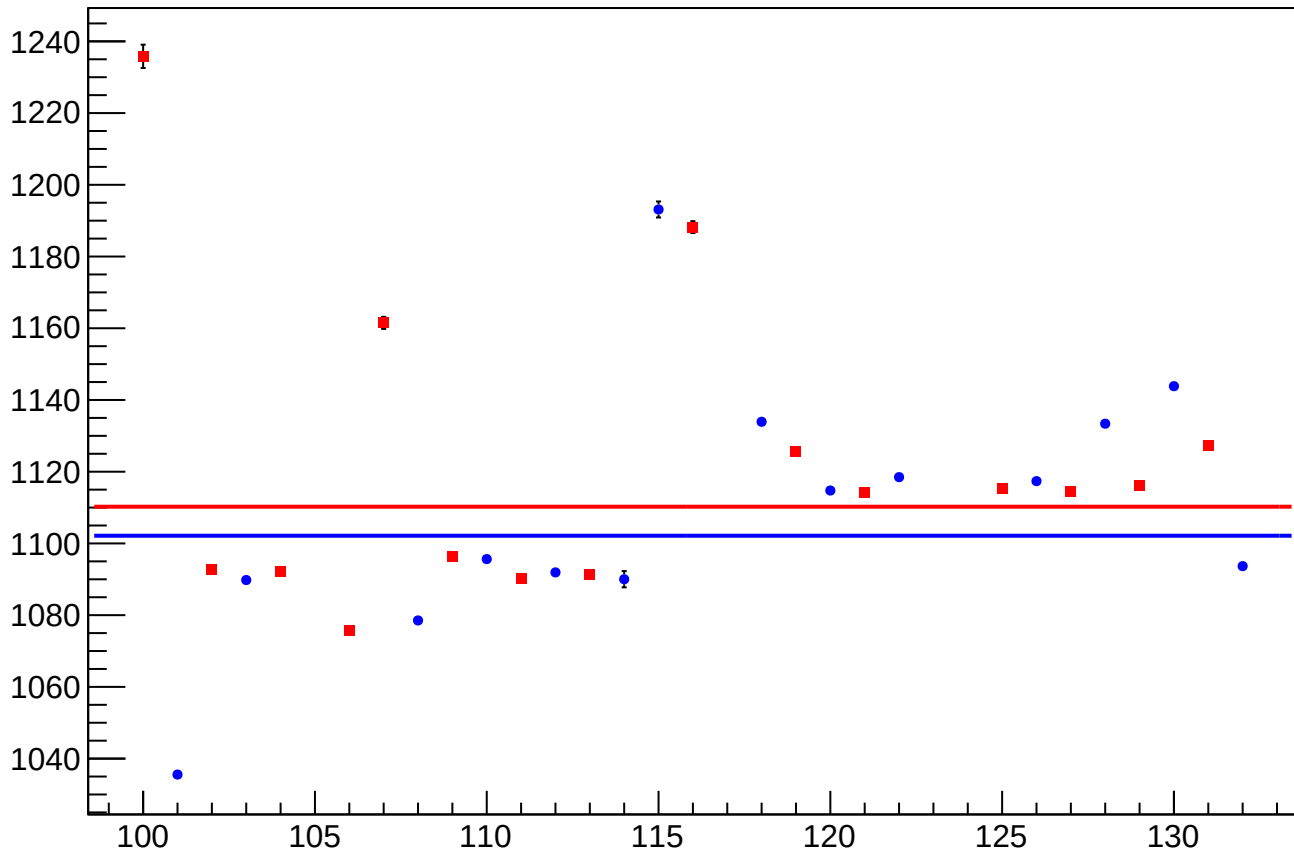
Right: 1952.462+/-317.091 χ^2/NDF : 17.0/28

In: 1946.210+/-450.934 χ^2/NDF : 5.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1952.462+/-317.091 χ^2/NDF : 17.0/28

reg_asym_usl_rms vs Slug, Sign Corrected



Right In: 1102.150+/-0.319 χ^2/NDF : 11284.2/13

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

Right Out: 1110.242+/-0.315 χ^2/NDF : 7179.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

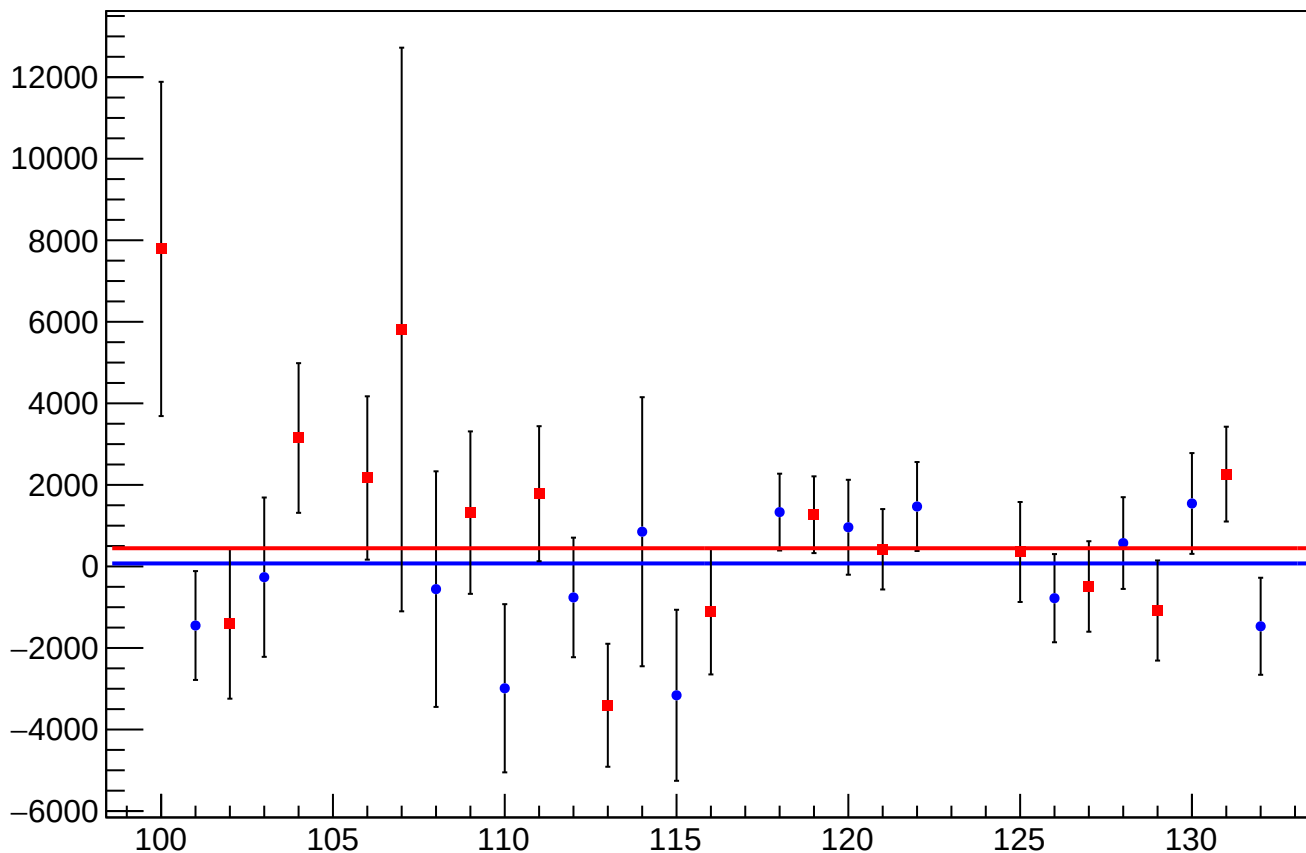
Right: 1106.241+/-0.224 χ^2/NDF : 18789.3/28

In: 1102.150+/-0.319 χ^2/NDF : 11284.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1106.241+/-0.224 χ^2/NDF : 18789.3/28

asym_usl_reg_correction_mean vs Slug, Sign Corrected



Right In: 73.488+/-361.006 χ^2/NDF : 14.3/13

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

Right Out: 446.284+/-366.658 χ^2/NDF : 21.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

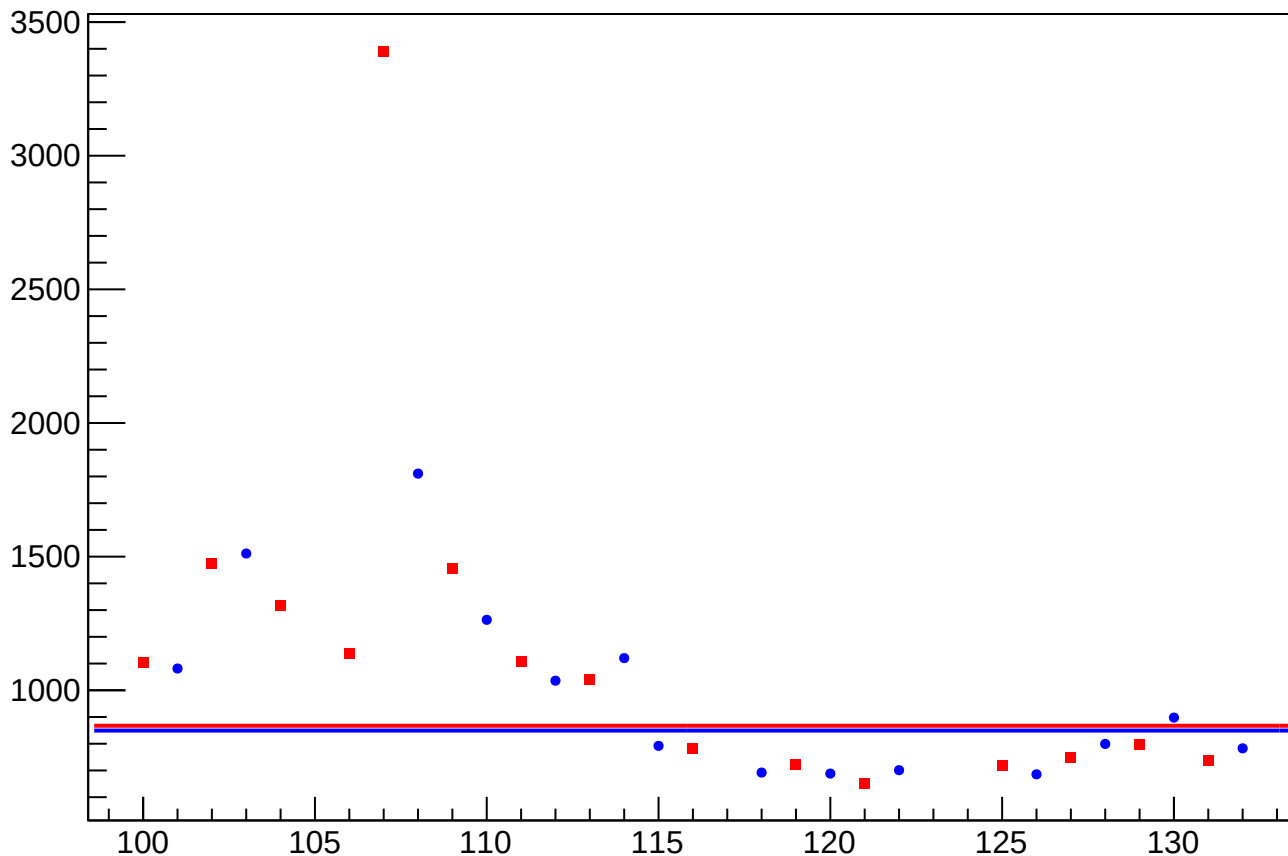
Right: 256.991+/-257.245 χ^2/NDF : 36.4/28

In: 73.488+/-361.006 χ^2/NDF : 14.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 256.991+/-257.245 χ^2/NDF : 36.4/28

asym_usl_reg_correction_rms vs Slug, Sign Corrected



Right In: 849.246+/-0.255 χ^2/NDF : 829744.3/13

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

Right Out: 867.295+/-0.259 χ^2/NDF : 1122348.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

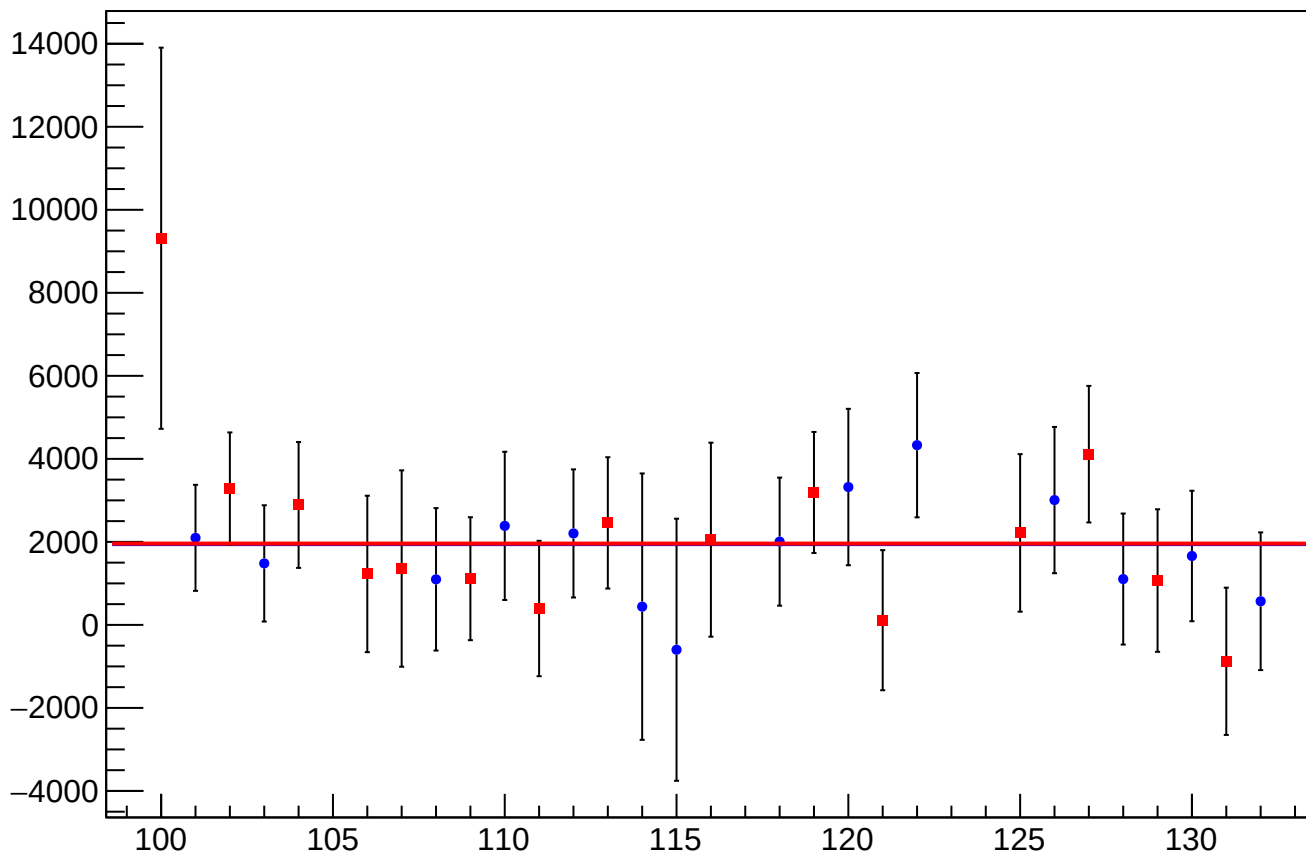
Right: 858.131+/-0.182 χ^2/NDF : 1954553.9/28

In: 849.246+/-0.255 χ^2/NDF : 829744.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 858.131+/-0.182 χ^2/NDF : 1954553.9/28

cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 1946.210+/-450.934 χ^2/NDF : 5.1/13

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

Right Out: 1958.577+/-445.977 χ^2/NDF : 11.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

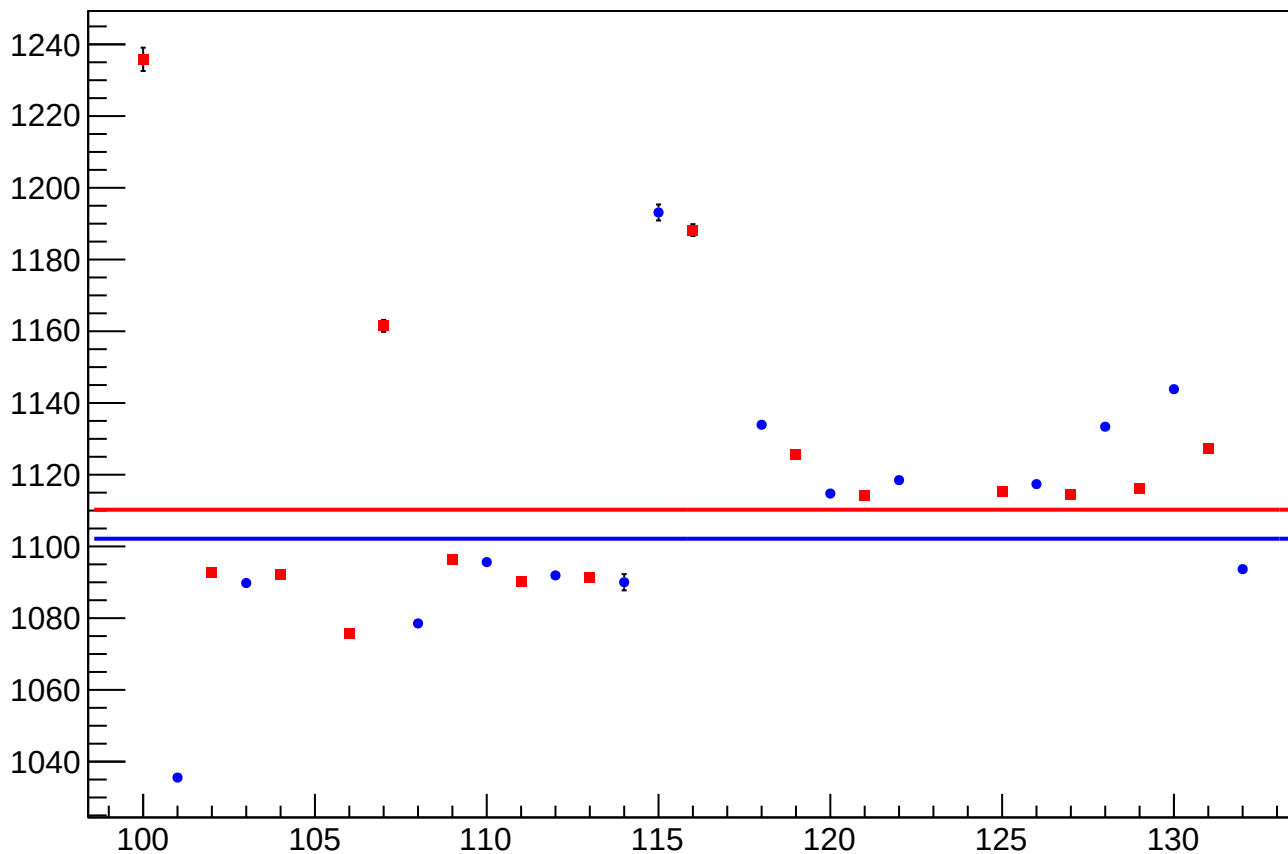
Right: 1952.462+/-317.091 χ^2/NDF : 17.0/28

In: 1946.210+/-450.934 χ^2/NDF : 5.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1952.462+/-317.091 χ^2/NDF : 17.0/28

cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1102.150+/-0.319 χ^2/NDF : 11284.2/13

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

Right Out: 1110.242+/-0.315 χ^2/NDF : 7179.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

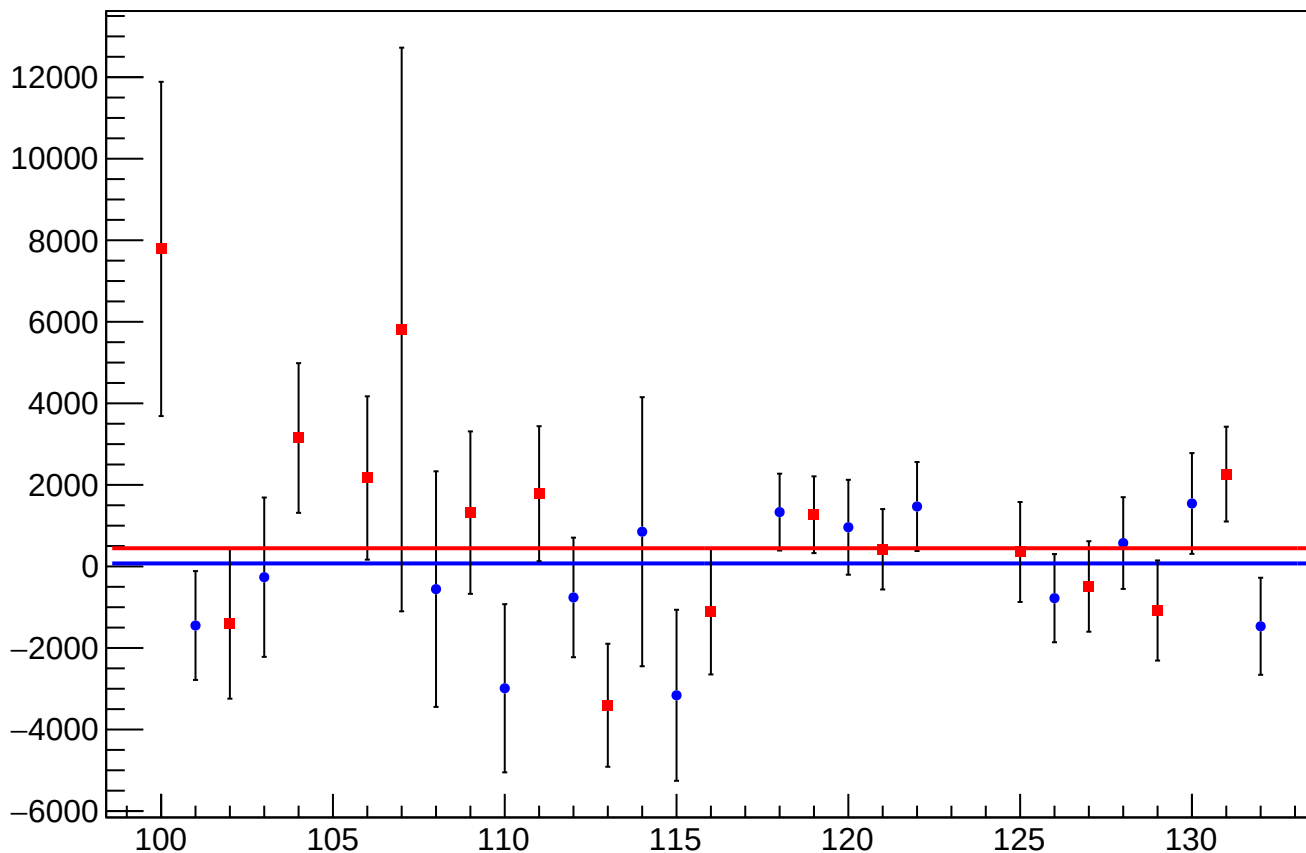
Right: 1106.241+/-0.224 χ^2/NDF : 18789.3/28

In: 1102.150+/-0.319 χ^2/NDF : 11284.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1106.241+/-0.224 χ^2/NDF : 18789.3/28

asym_usl_cor_correction_mean vs Slug, Sign Corrected



Right In: 73.488+/-361.006 χ^2/NDF : 14.3/13

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

Right Out: 446.284+/-366.658 χ^2/NDF : 21.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

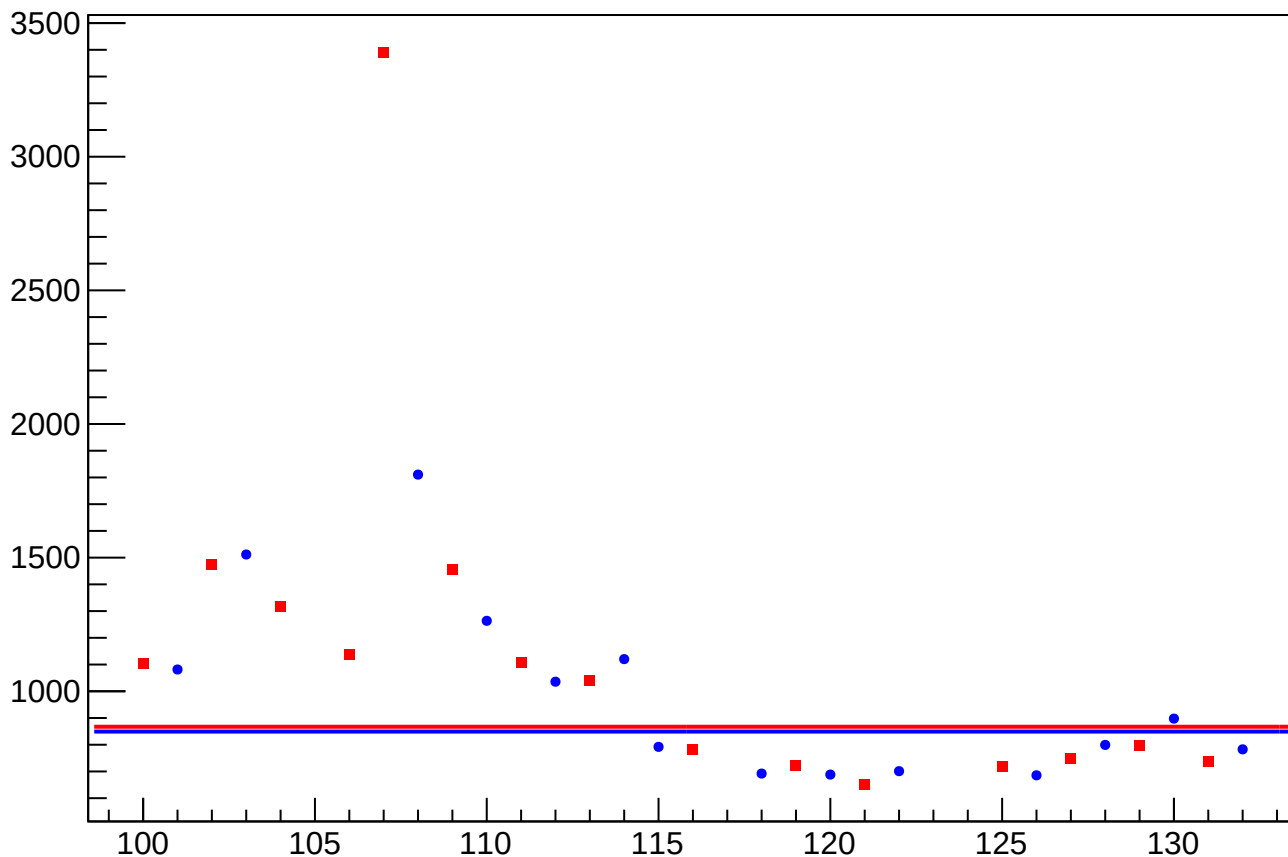
Right: 256.991+/-257.245 χ^2/NDF : 36.4/28

In: 73.488+/-361.006 χ^2/NDF : 14.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 256.991+/-257.245 χ^2/NDF : 36.4/28

asym_usl_cor_correction_rms vs Slug, Sign Corrected



Right In: 849.246+/-0.255 χ^2/NDF : 829744.3/13

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

Right Out: 867.295+/-0.259 χ^2/NDF : 1122348.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

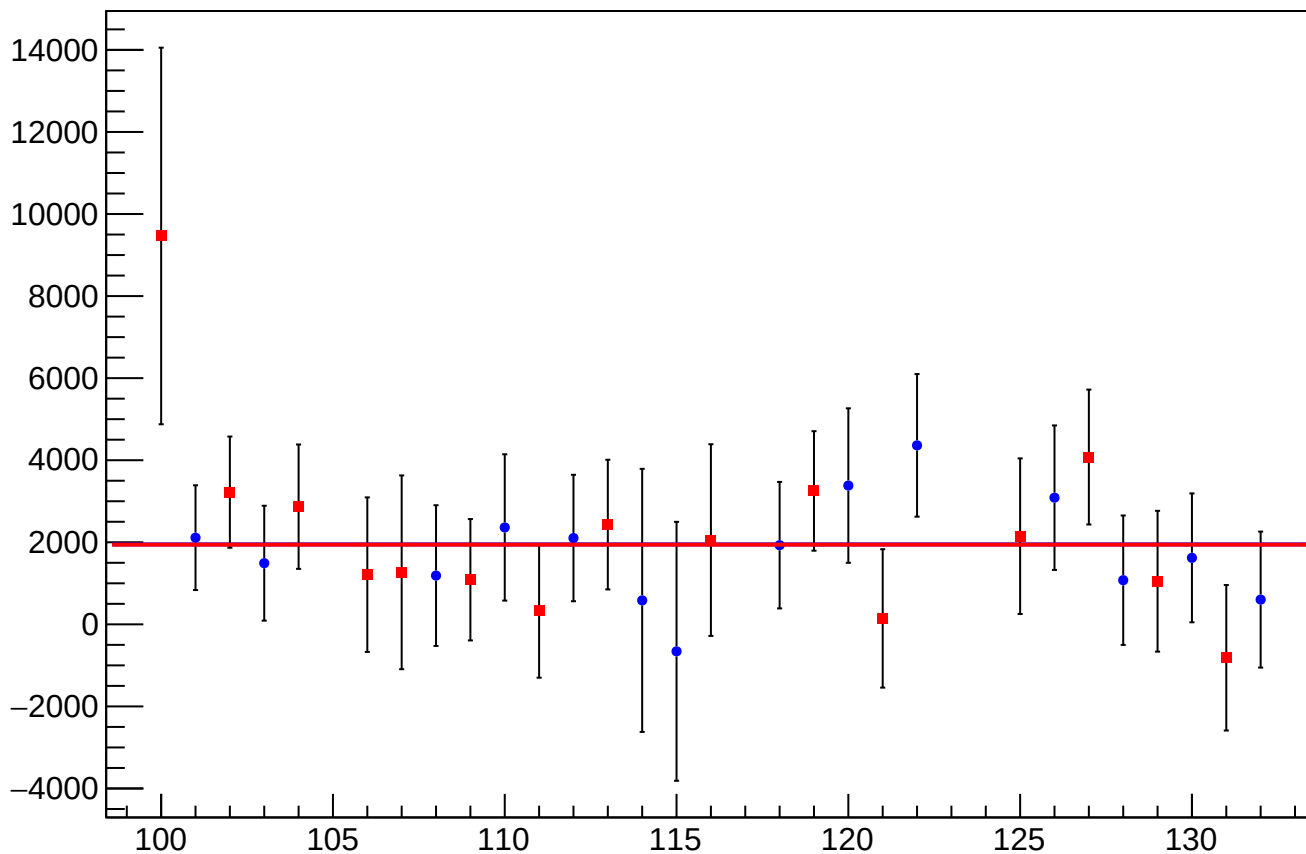
Right: 858.131+/-0.182 χ^2/NDF : 1954553.9/28

In: 849.246+/-0.255 χ^2/NDF : 829744.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 858.131+/-0.182 χ^2/NDF : 1954553.9/28

overload_cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 1948.214+/-450.570 χ^2/NDF : 5.2/13

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

Right Out: 1942.346+/-445.620 χ^2/NDF : 11.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

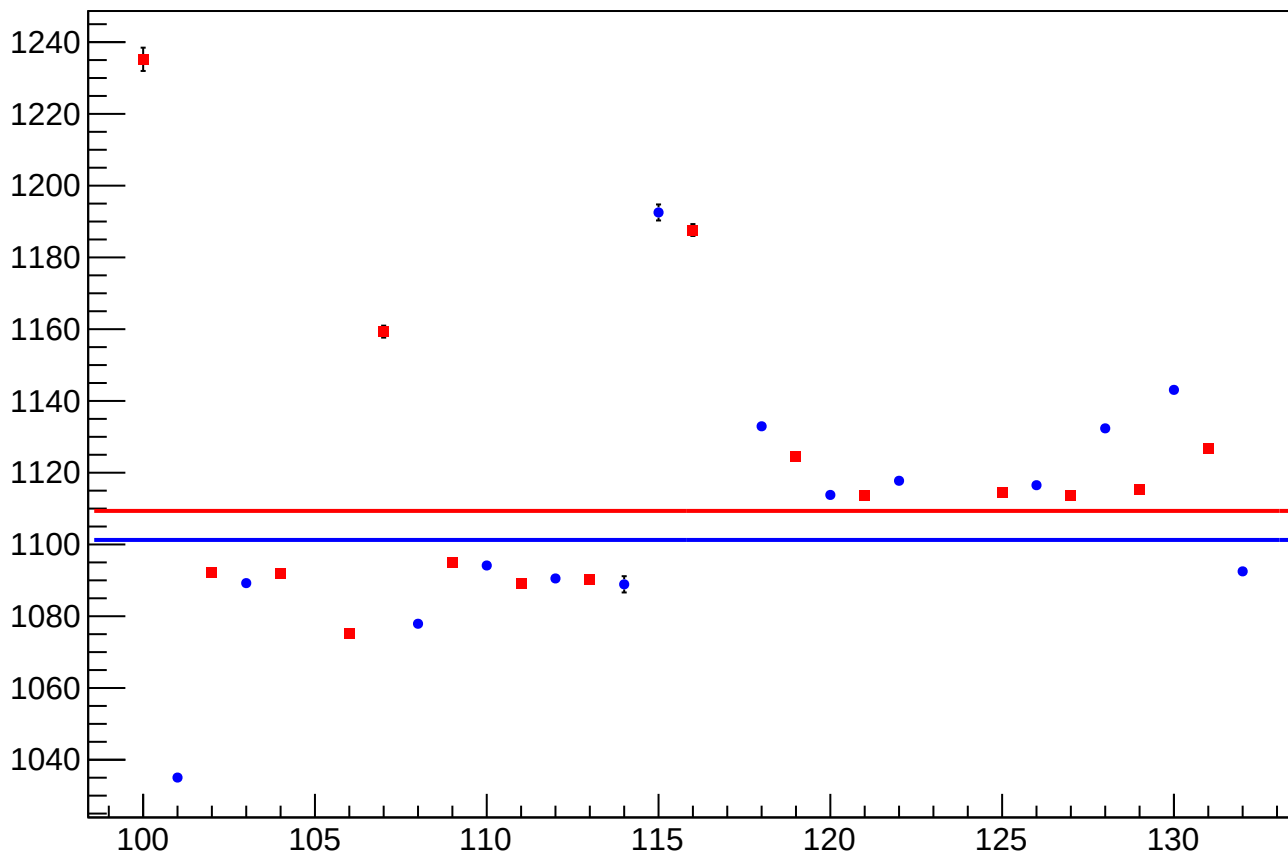
Right: 1945.247+/-316.837 χ^2/NDF : 17.1/28

In: 1948.214+/-450.570 χ^2/NDF : 5.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1945.247+/-316.837 χ^2/NDF : 17.1/28

overload_cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1101.263+/-0.319 χ^2/NDF : 11249.3/13

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

Right Out: 1109.353+/-0.315 χ^2/NDF : 7159.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

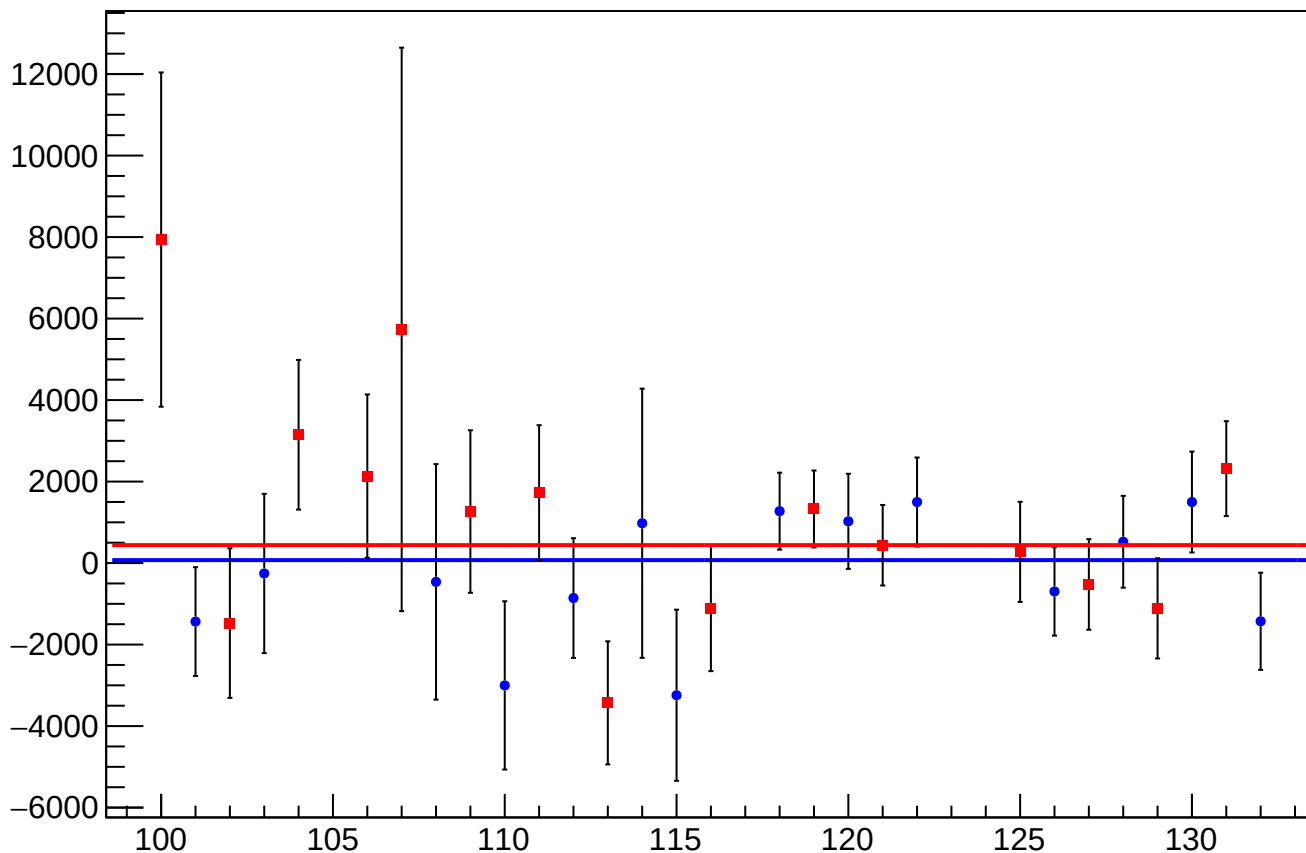
Right: 1105.352+/-0.224 χ^2/NDF : 18735.1/28

In: 1101.263+/-0.319 χ^2/NDF : 11249.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1105.352+/-0.224 χ^2/NDF : 18735.1/28

asym_usl_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 72.541+/-361.591 χ^2/NDF : 14.1/13

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

Right Out: 440.663+/-367.199 χ^2/NDF : 22.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

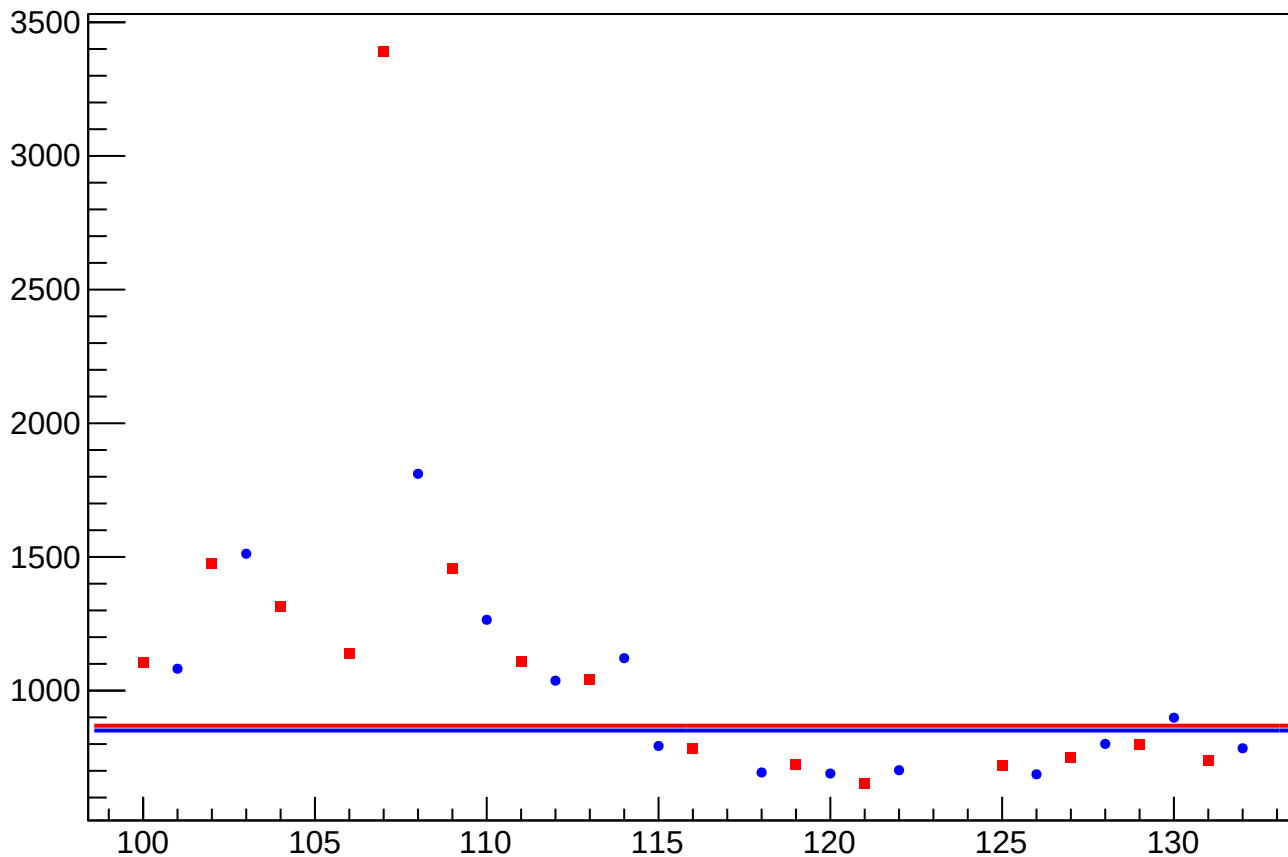
Right: 253.770+/-257.643 χ^2/NDF : 36.7/28

In: 72.541+/-361.591 χ^2/NDF : 14.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 253.770+/-257.643 χ^2/NDF : 36.7/28

asym_usl_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 850.748+/-0.256 χ^2/NDF : 826590.9/13

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

Right Out: 868.715+/-0.260 χ^2/NDF : 1119021.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

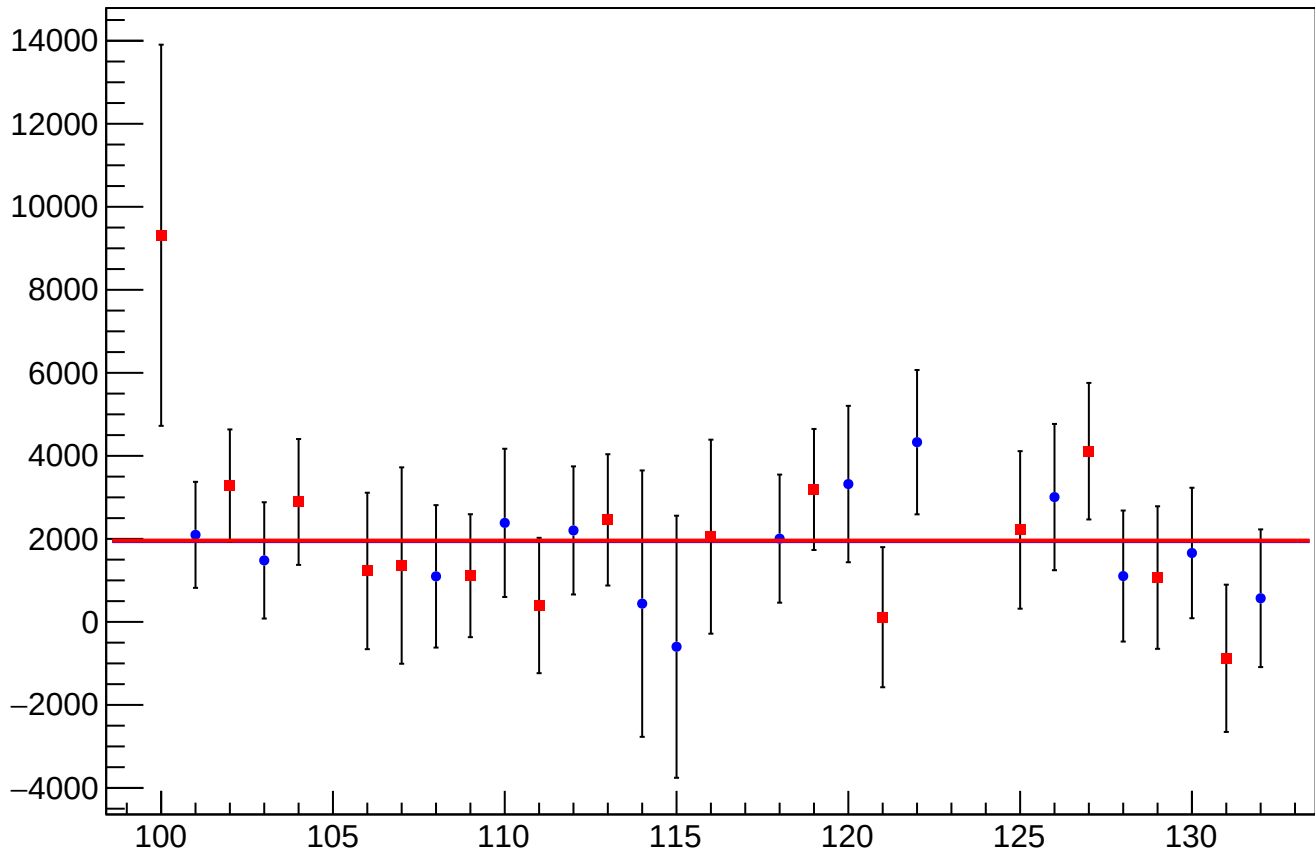
Right: 859.593+/-0.182 χ^2/NDF : 1948043.1/28

In: 850.748+/-0.256 χ^2/NDF : 826590.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 859.593+/-0.182 χ^2/NDF : 1948043.1/28

eigen_cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 1946.210+/-450.934 χ^2/NDF : 5.1/13

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

Right Out: 1958.577+/-445.977 χ^2/NDF : 11.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

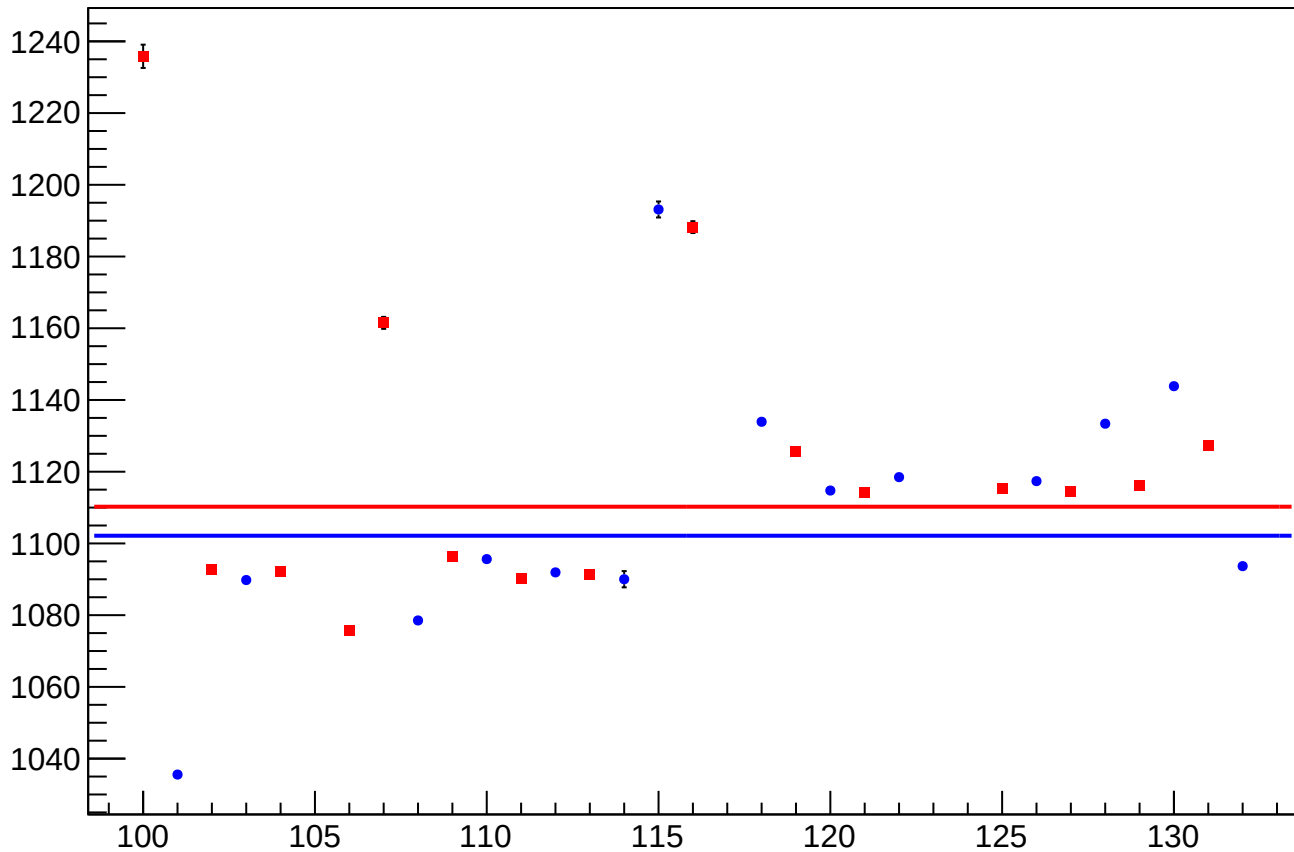
Right: 1952.462+/-317.091 χ^2/NDF : 17.0/28

In: 1946.210+/-450.934 χ^2/NDF : 5.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1952.462+/-317.091 χ^2/NDF : 17.0/28

eigen_cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1102.150+/-0.319 χ^2/NDF : 11284.2/13

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

Right Out: 1110.242+/-0.315 χ^2/NDF : 7179.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

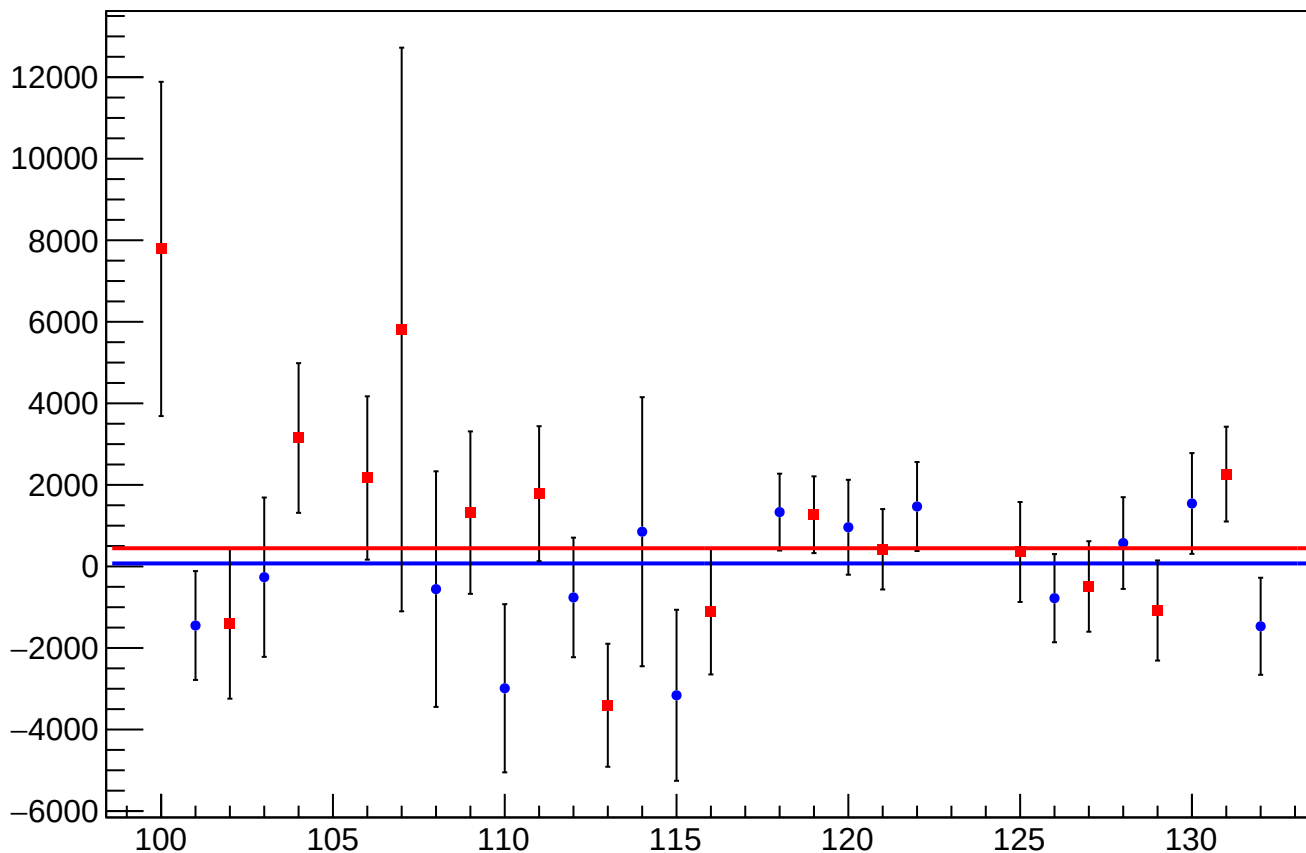
Right: 1106.241+/-0.224 χ^2/NDF : 18789.3/28

In: 1102.150+/-0.319 χ^2/NDF : 11284.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1106.241+/-0.224 χ^2/NDF : 18789.3/28

asym_usl_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 73.488+/-361.006 χ^2/NDF : 14.3/13

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

Right Out: 446.284+/-366.658 χ^2/NDF : 21.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

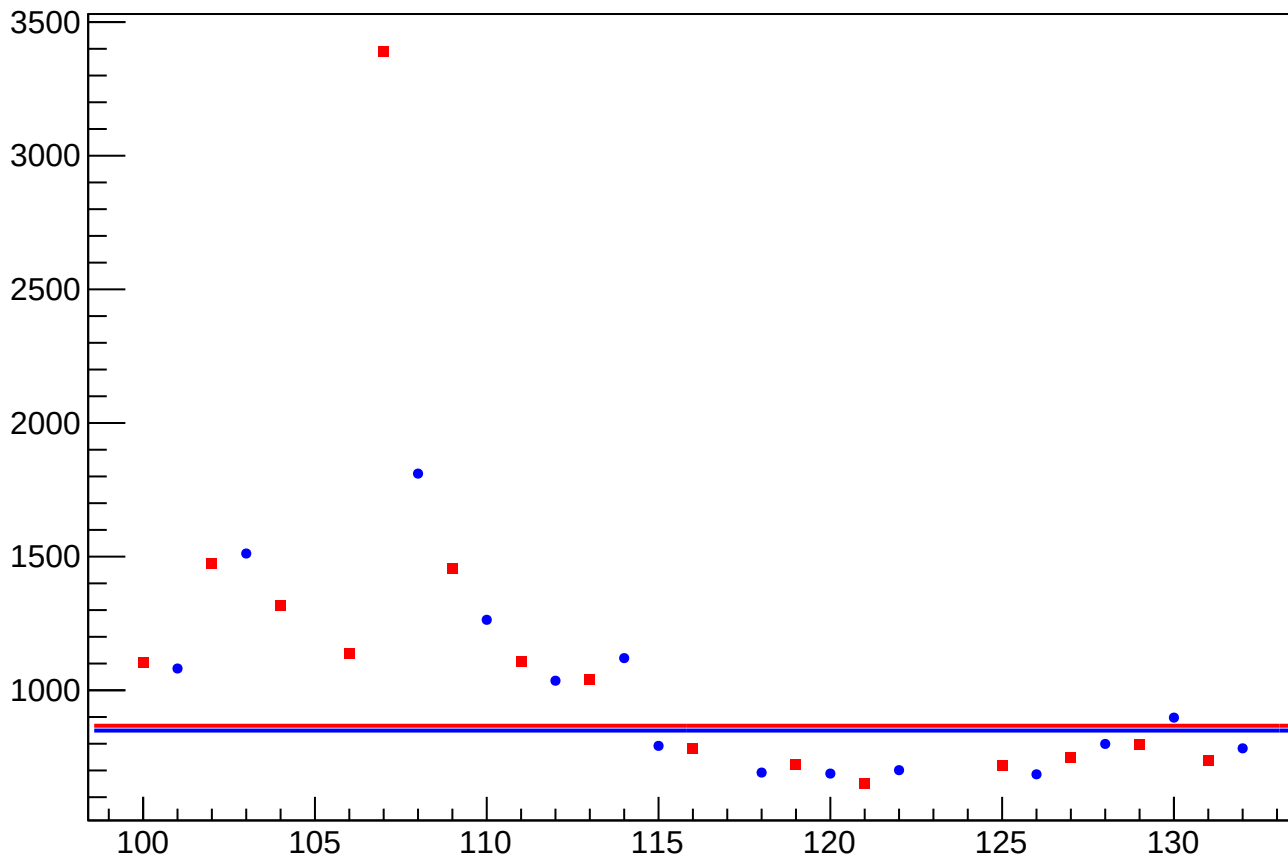
Right: 256.991+/-257.245 χ^2/NDF : 36.4/28

In: 73.488+/-361.006 χ^2/NDF : 14.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 256.991+/-257.245 χ^2/NDF : 36.4/28

asym_usl_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 849.246+/-0.255 χ^2/NDF : 829744.3/13

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

Right Out: 867.295+/-0.259 χ^2/NDF : 1122348.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

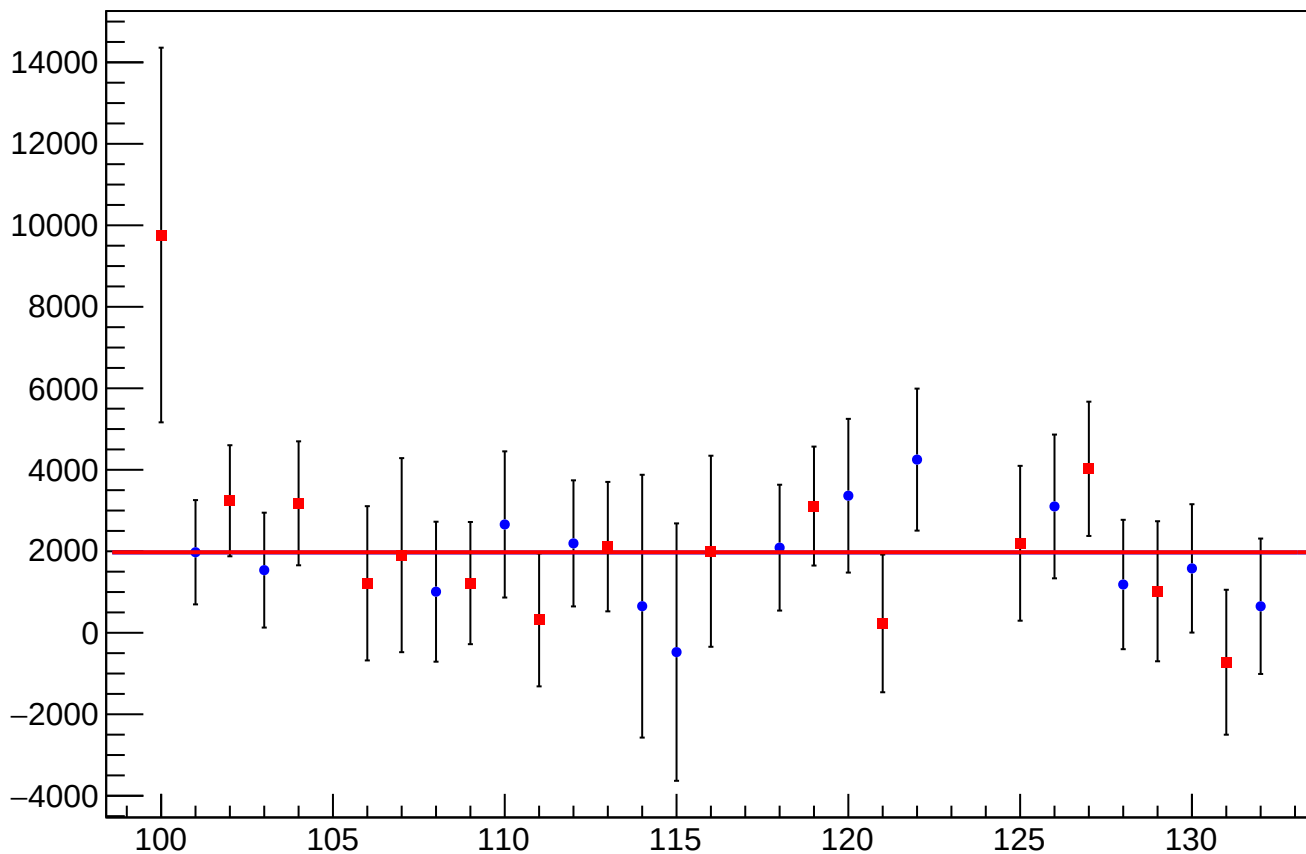
Right: 858.131+/-0.182 χ^2/NDF : 1954553.9/28

In: 849.246+/-0.255 χ^2/NDF : 829744.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 858.131+/-0.182 χ^2/NDF : 1954553.9/28

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1971.240+/-452.192 χ^2/NDF : 5.0/13

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

Right Out: 1976.482+/-447.606 χ^2/NDF : 11.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

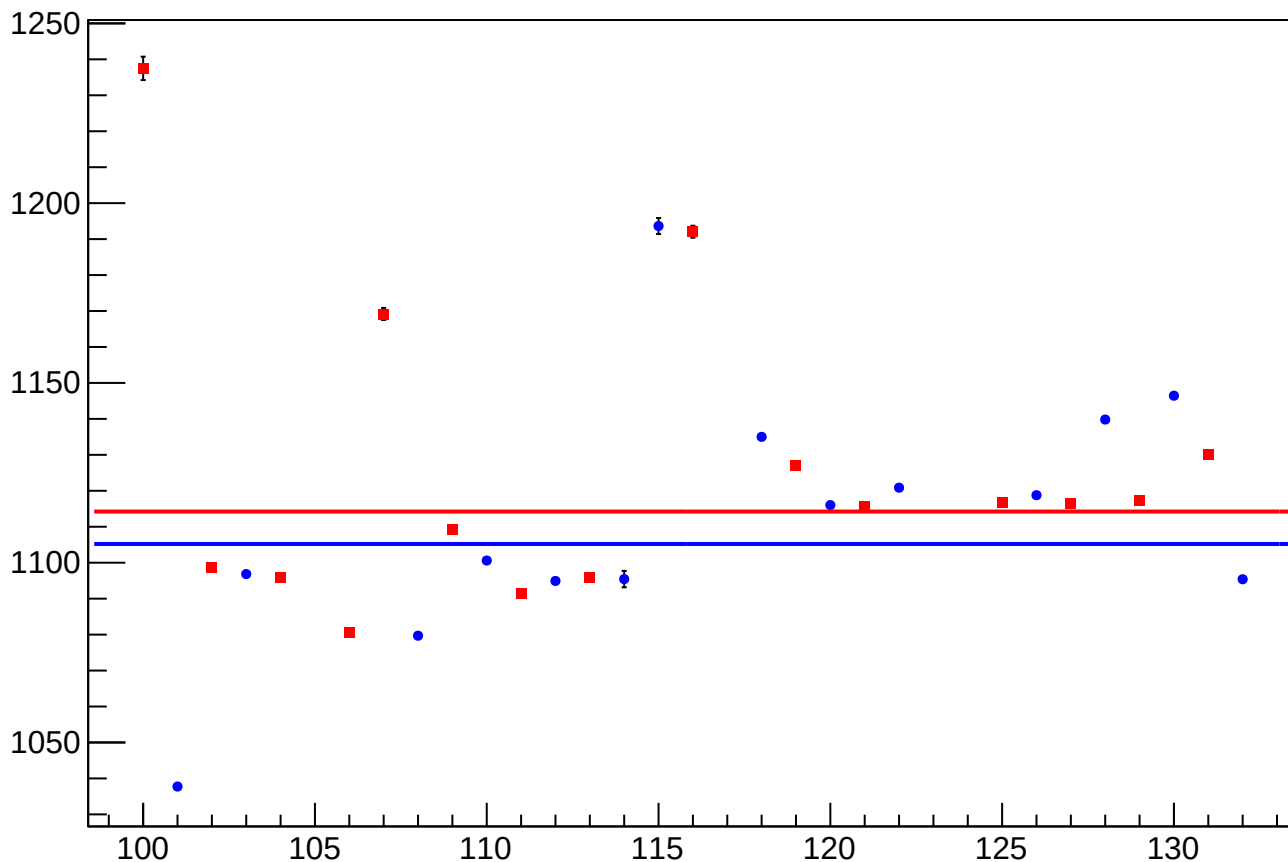
Right: 1973.888+/-318.115 χ^2/NDF : 16.6/28

In: 1971.240+/-452.192 χ^2/NDF : 5.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1973.888+/-318.115 χ^2/NDF : 16.6/28

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1105.206+/-0.320 χ^2/NDF : 11237.6/13

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

Right Out: 1114.232+/-0.317 χ^2/NDF : 6893.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

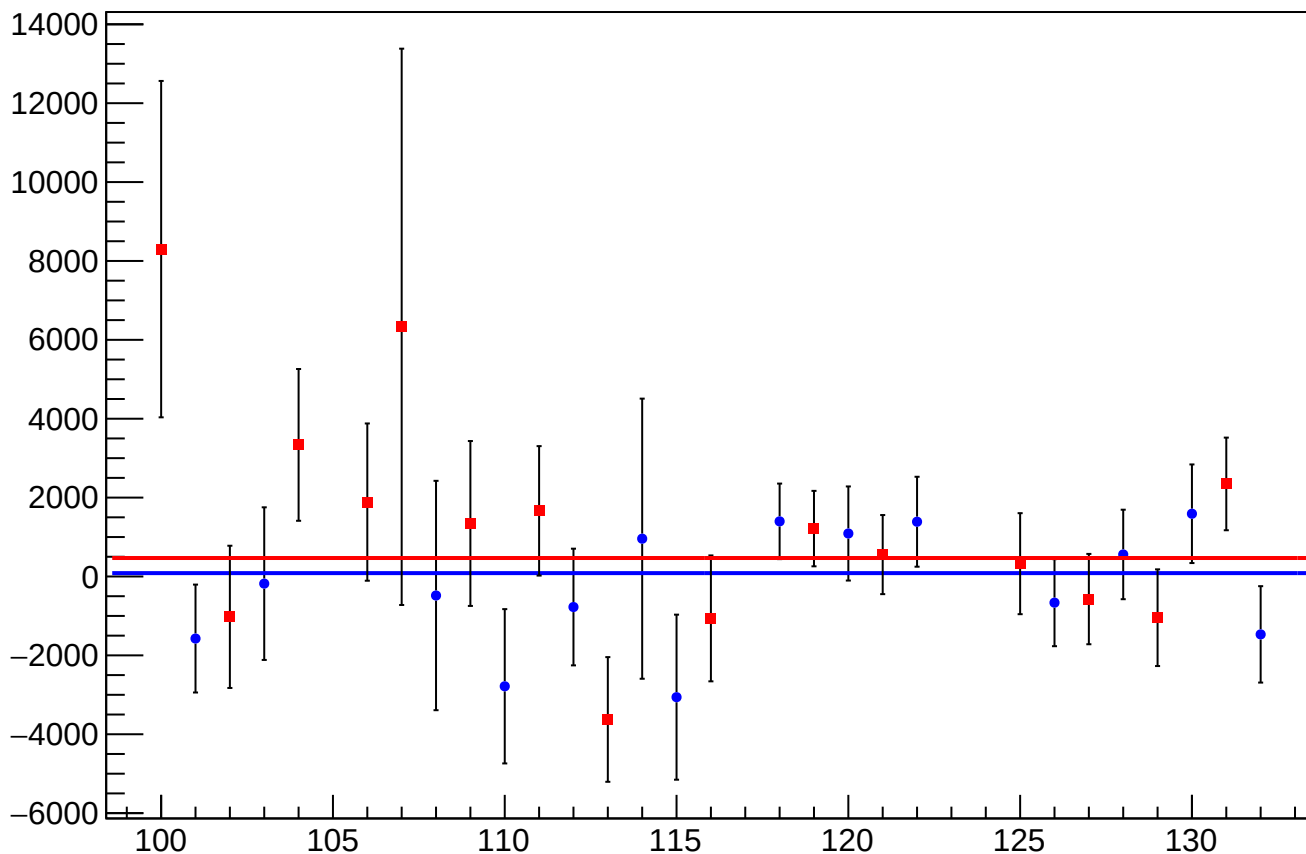
Right: 1109.765+/-0.225 χ^2/NDF : 18533.8/28

In: 1105.206+/-0.320 χ^2/NDF : 11237.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1109.765+/-0.225 χ^2/NDF : 18533.8/28

asym_usl_dit_correction_mean vs Slug, Sign Corrected



Right In: 85.296+/-367.223 χ^2/NDF : 13.9/13

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

Right Out: 468.486+/-374.036 χ^2/NDF : 21.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

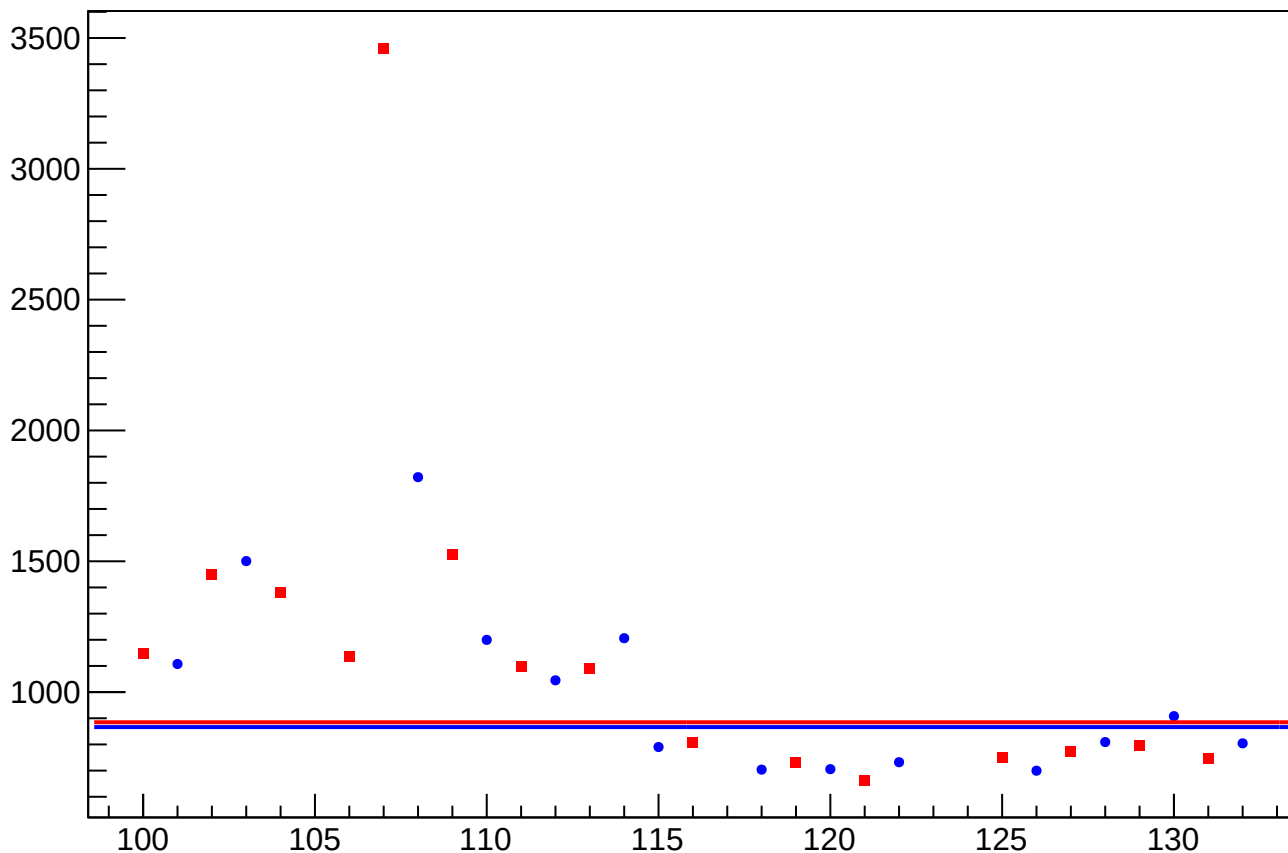
Right: 273.369+/-262.042 χ^2/NDF : 35.8/28

In: 85.296+/-367.223 χ^2/NDF : 13.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 273.369+/-262.042 χ^2/NDF : 35.8/28

asym_usl_dit_correction_rms vs Slug, Sign Corrected



Right In: 866.334+/-0.260 χ^2/NDF : 781101.6/13

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

Right Out: 884.781+/-0.264 χ^2/NDF : 1124843.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

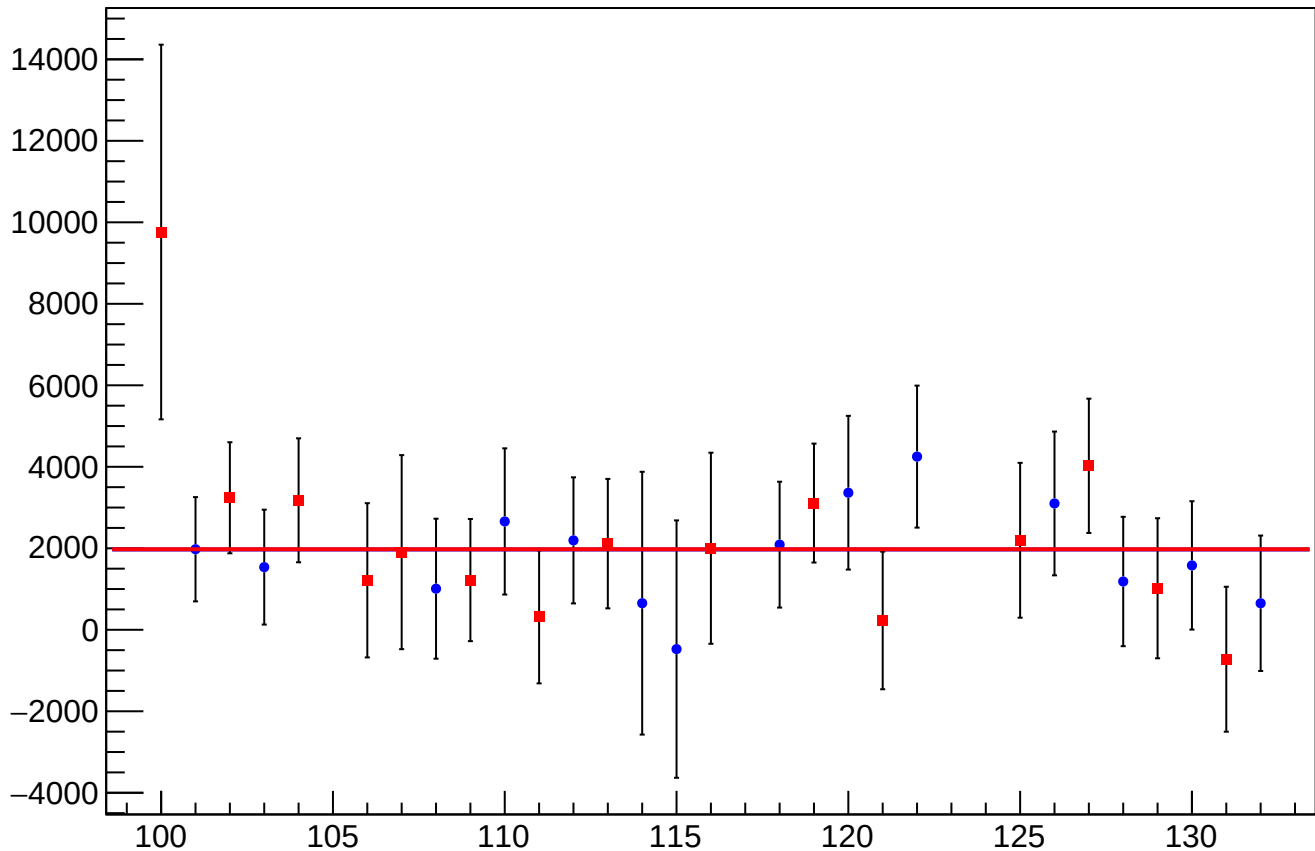
Right: 875.388+/-0.185 χ^2/NDF : 1908422.0/28

In: 866.334+/-0.260 χ^2/NDF : 781101.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 875.388+/-0.185 χ^2/NDF : 1908422.0/28

eigen_dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1971.240+/-452.192 χ^2/NDF : 5.0/13

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

Right Out: 1976.480+/-447.606 χ^2/NDF : 11.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

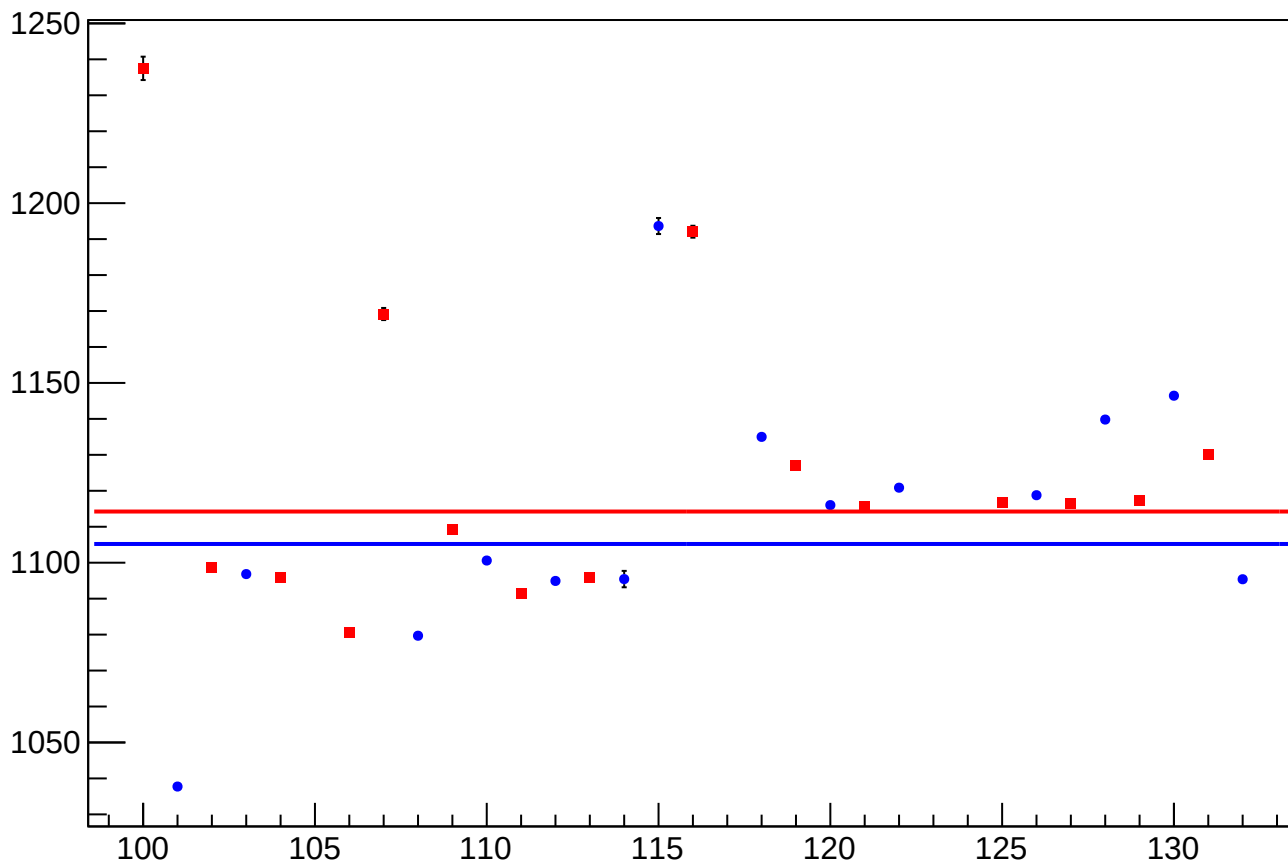
Right: 1973.887+/-318.114 χ^2/NDF : 16.6/28

In: 1971.240+/-452.192 χ^2/NDF : 5.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1973.887+/-318.114 χ^2/NDF : 16.6/28

eigen_dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1105.206+/-0.320 χ^2/NDF : 11237.6/13

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

Right Out: 1114.232+/-0.317 χ^2/NDF : 6893.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

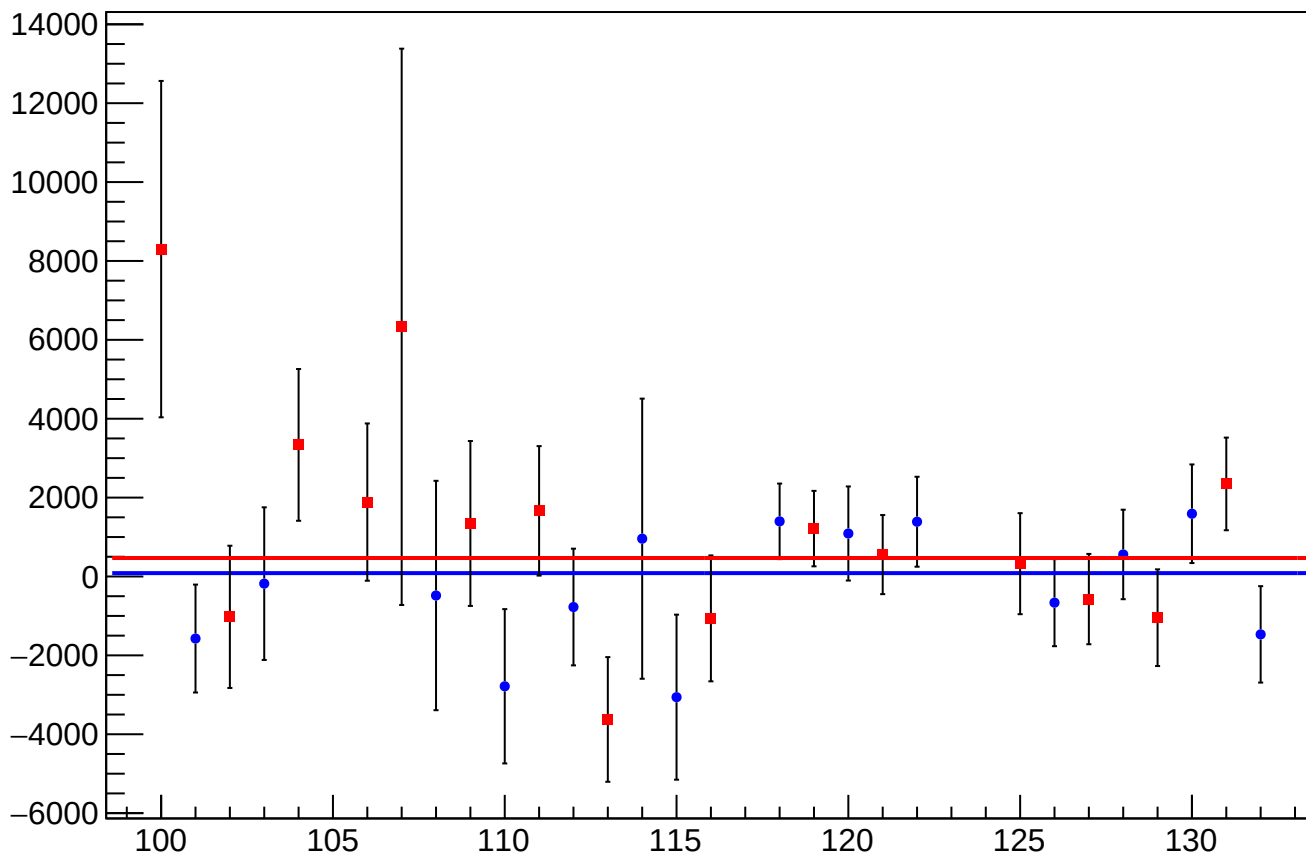
Right: 1109.765+/-0.225 χ^2/NDF : 18533.7/28

In: 1105.206+/-0.320 χ^2/NDF : 11237.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1109.765+/-0.225 χ^2/NDF : 18533.7/28

asym_usl_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 85.297+/-367.222 χ^2/NDF : 13.9/13

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

Right Out: 468.486+/-374.036 χ^2/NDF : 21.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

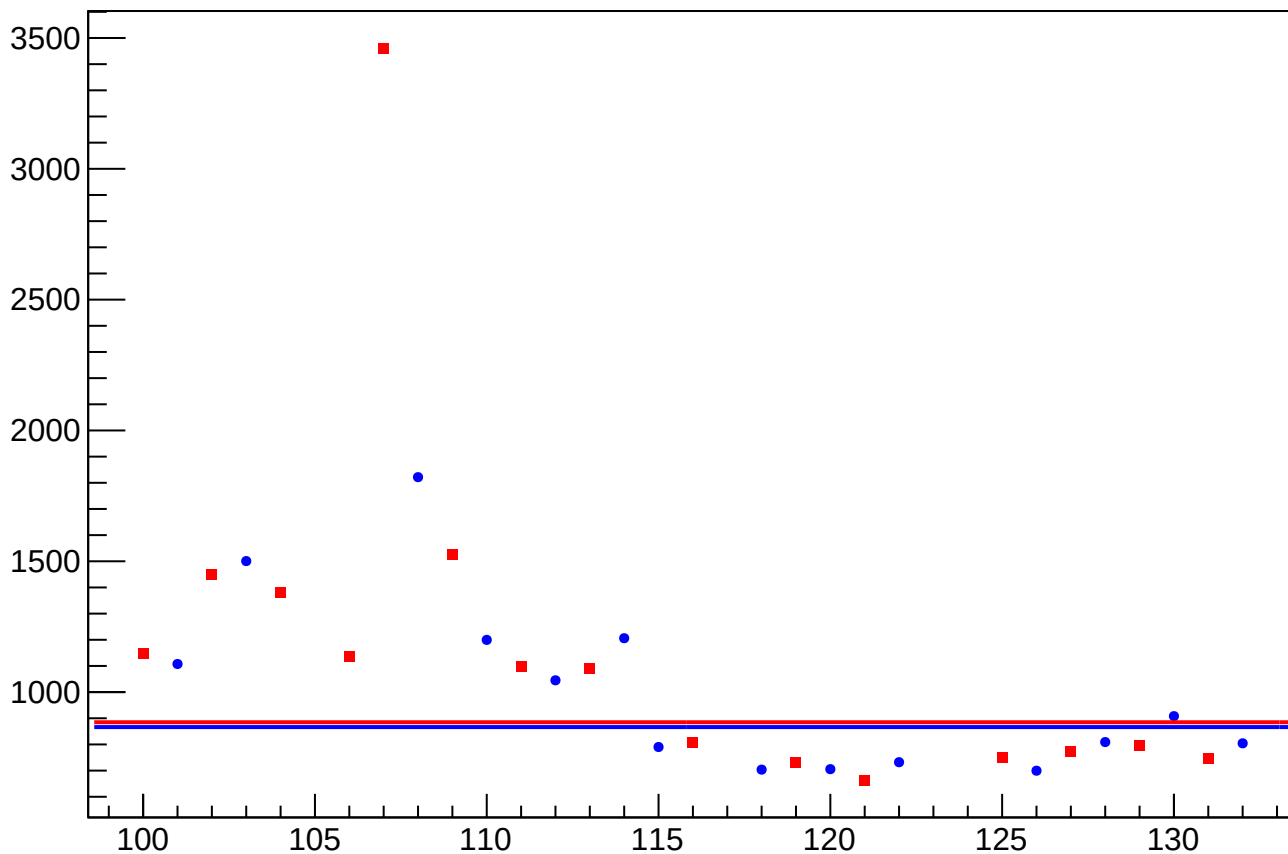
Right: 273.369+/-262.041 χ^2/NDF : 35.8/28

In: 85.297+/-367.222 χ^2/NDF : 13.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 273.369+/-262.041 χ^2/NDF : 35.8/28

asym_usl_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 866.332+/-0.260 χ^2/NDF : 781104.0/13

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

Right Out: 884.779+/-0.264 χ^2/NDF : 1124844.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

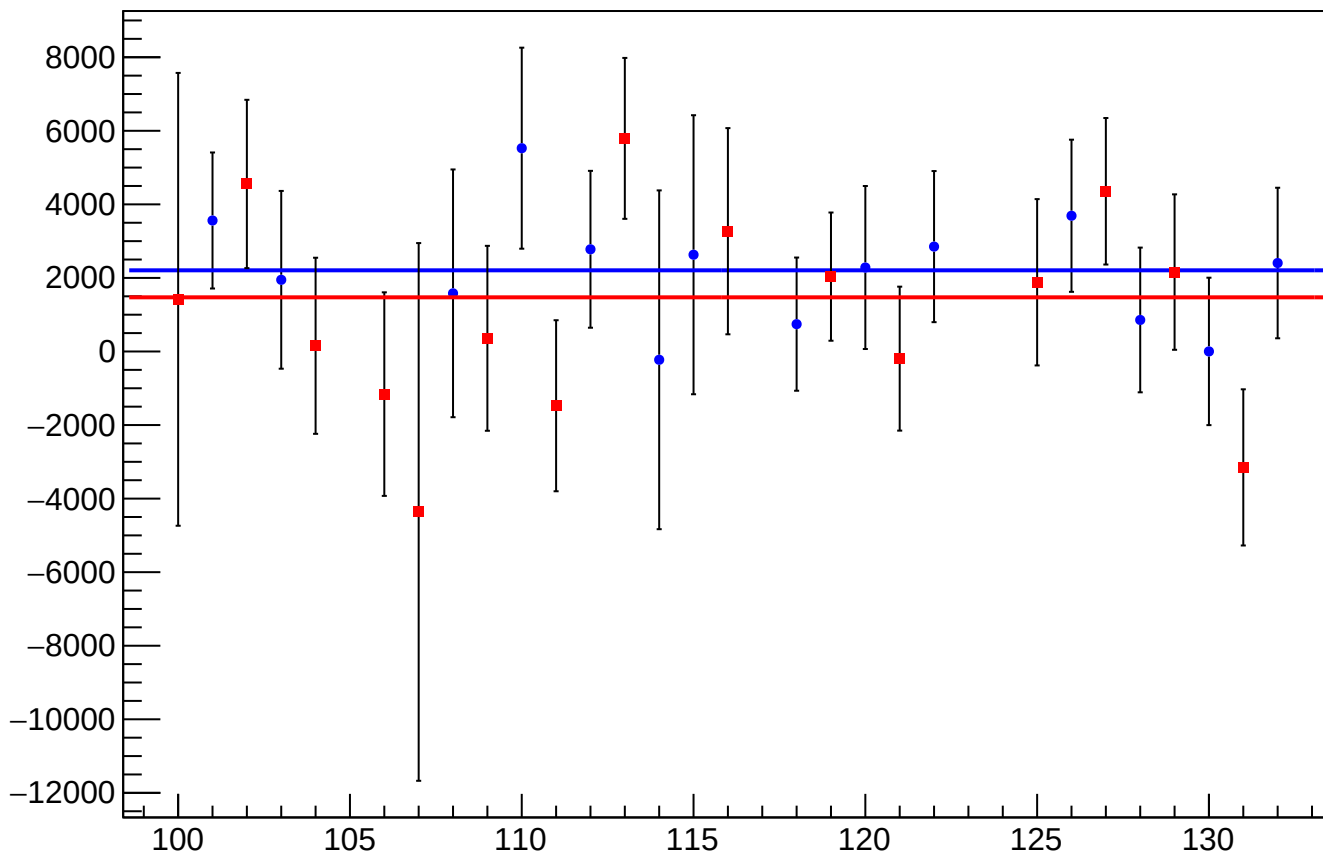
Right: 875.386+/-0.185 χ^2/NDF : 1908425.5/28

In: 866.332+/-0.260 χ^2/NDF : 781104.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 875.386+/-0.185 χ^2/NDF : 1908425.5/28

asym_usl_mean vs Slug, Sign Corrected



Right In: 2206.814+/-603.262 χ^2/NDF : 5.4/13

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

Right Out: 1472.442+/-608.088 χ^2/NDF : 17.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

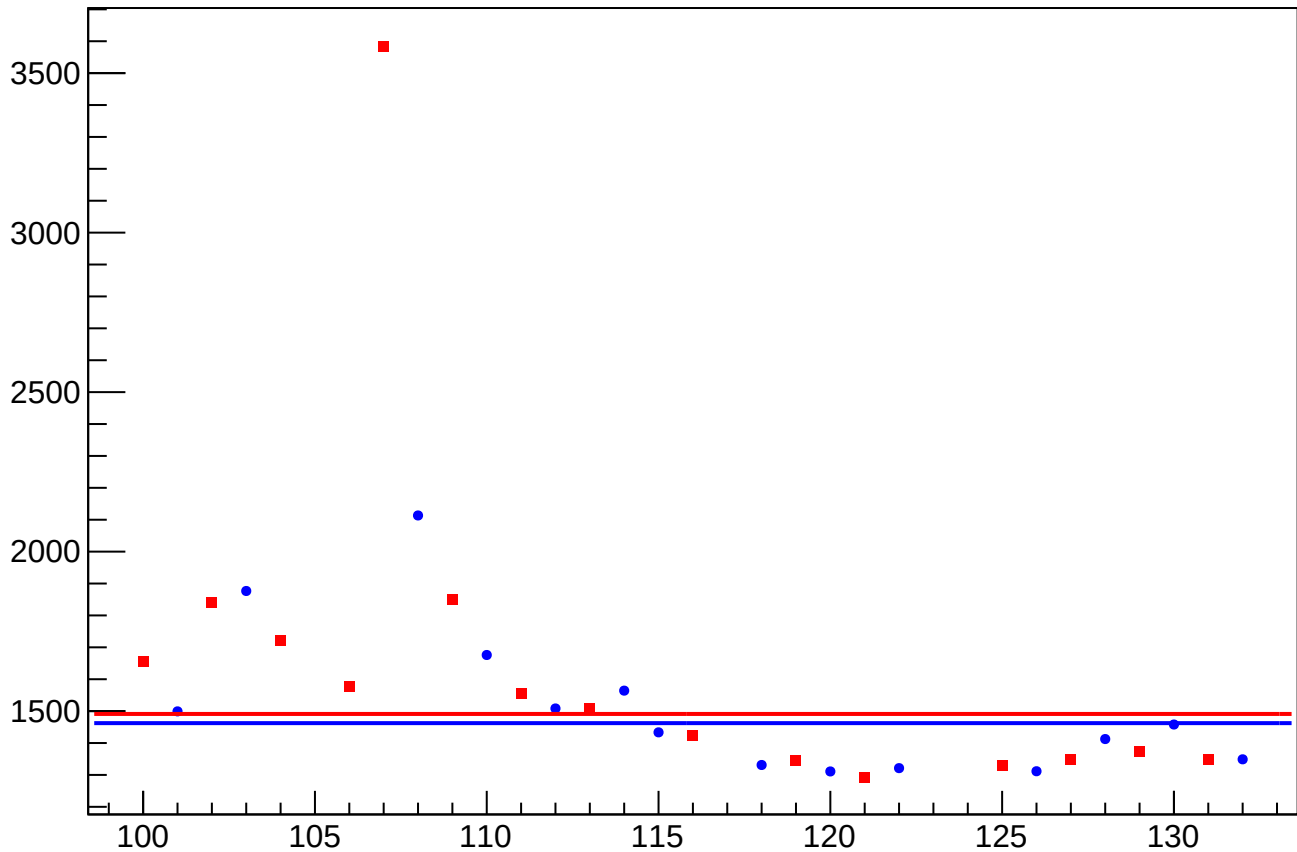
Right: 1842.555+/-428.267 χ^2/NDF : 23.7/28

In: 2206.814+/-603.262 χ^2/NDF : 5.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1842.555+/-428.267 χ^2/NDF : 23.7/28

asym_usl_rms vs Slug, Sign Corrected



Right In: 1462.360+/-0.427 χ^2/NDF : 195868.5/13

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

Right Out: 1491.153+/-0.430 χ^2/NDF : 347020.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

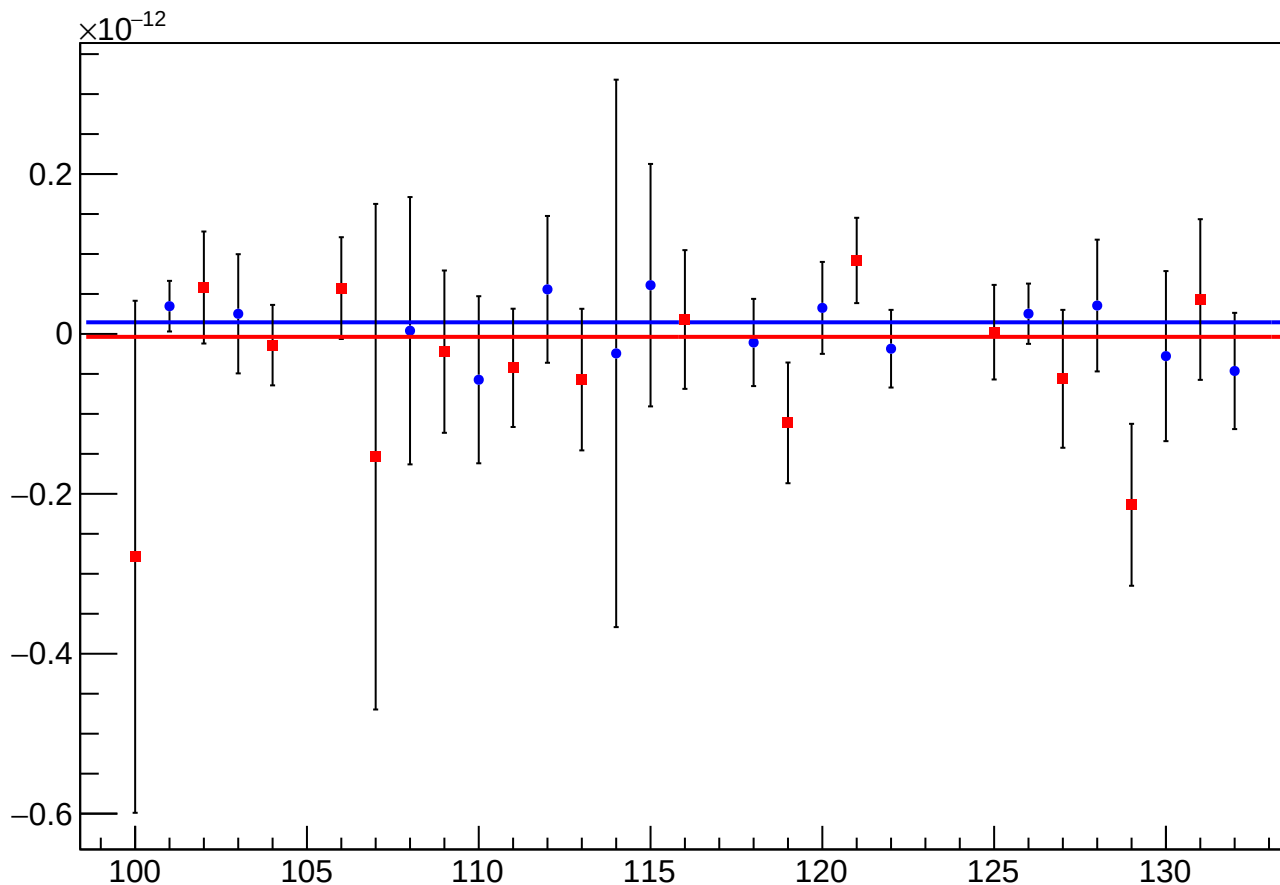
Right: 1476.642+/-0.303 χ^2/NDF : 545148.6/28

In: 1462.360+/-0.427 χ^2/NDF : 195868.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1476.642+/-0.303 χ^2/NDF : 545148.6/28

asym_usl_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.0/13

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

Right Out: -0.000+/-0.000 χ^2/NDF : 13.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

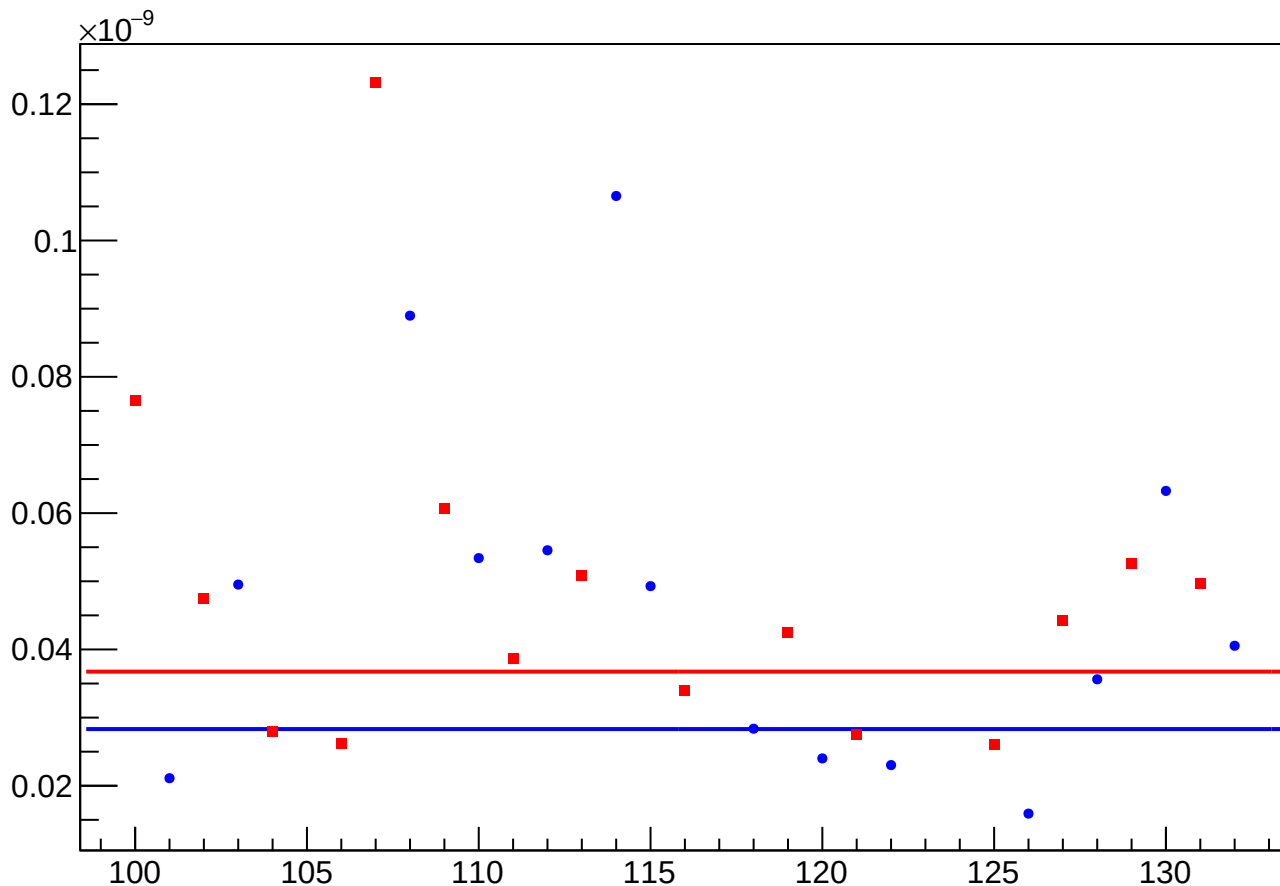
Right: 0.000+/-0.000 χ^2/NDF : 17.1/28

In: 0.000+/-0.000 χ^2/NDF : 3.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.1/28

asym_usl_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1489787.0/13

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

Right Out: 0.000+/-0.000 χ^2/NDF : 742490.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

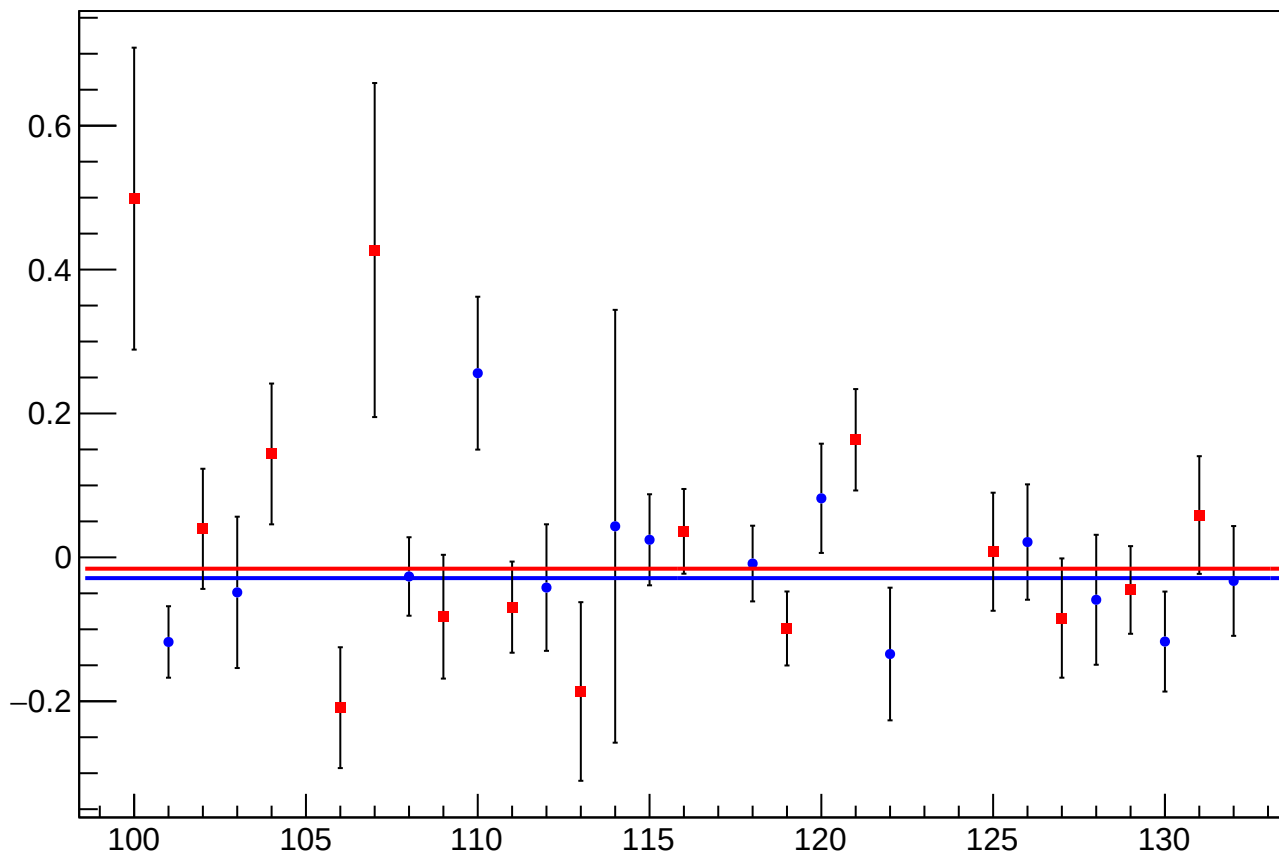
Right: 0.000+/-0.000 χ^2/NDF : 2445837.7/28

In: 0.000+/-0.000 χ^2/NDF : 1489787.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2445837.7/28

asym_usl_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 ± 0.020 χ^2/NDF : 16.9/13

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

Right Out: -0.016 ± 0.020 χ^2/NDF : 32.9/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

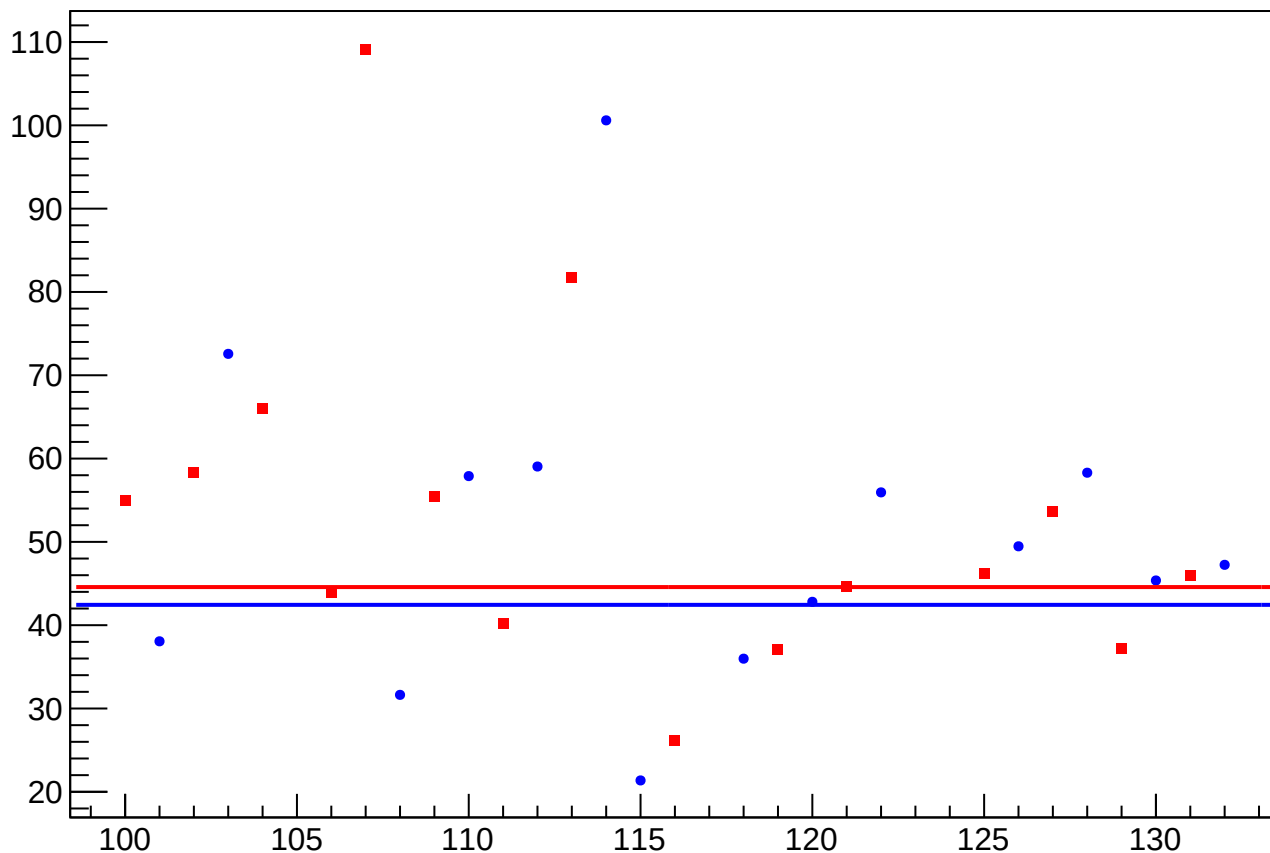
Right: -0.022 ± 0.014 χ^2/NDF : 50.1/28

In: -0.029 ± 0.020 χ^2/NDF : 16.9/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.022 ± 0.014 χ^2/NDF : 50.1/28

asym_usl_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.442+/-0.014 χ^2/NDF : 829951.5/13

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

Right Out: 44.576+/-0.014 χ^2/NDF : 821169.7/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

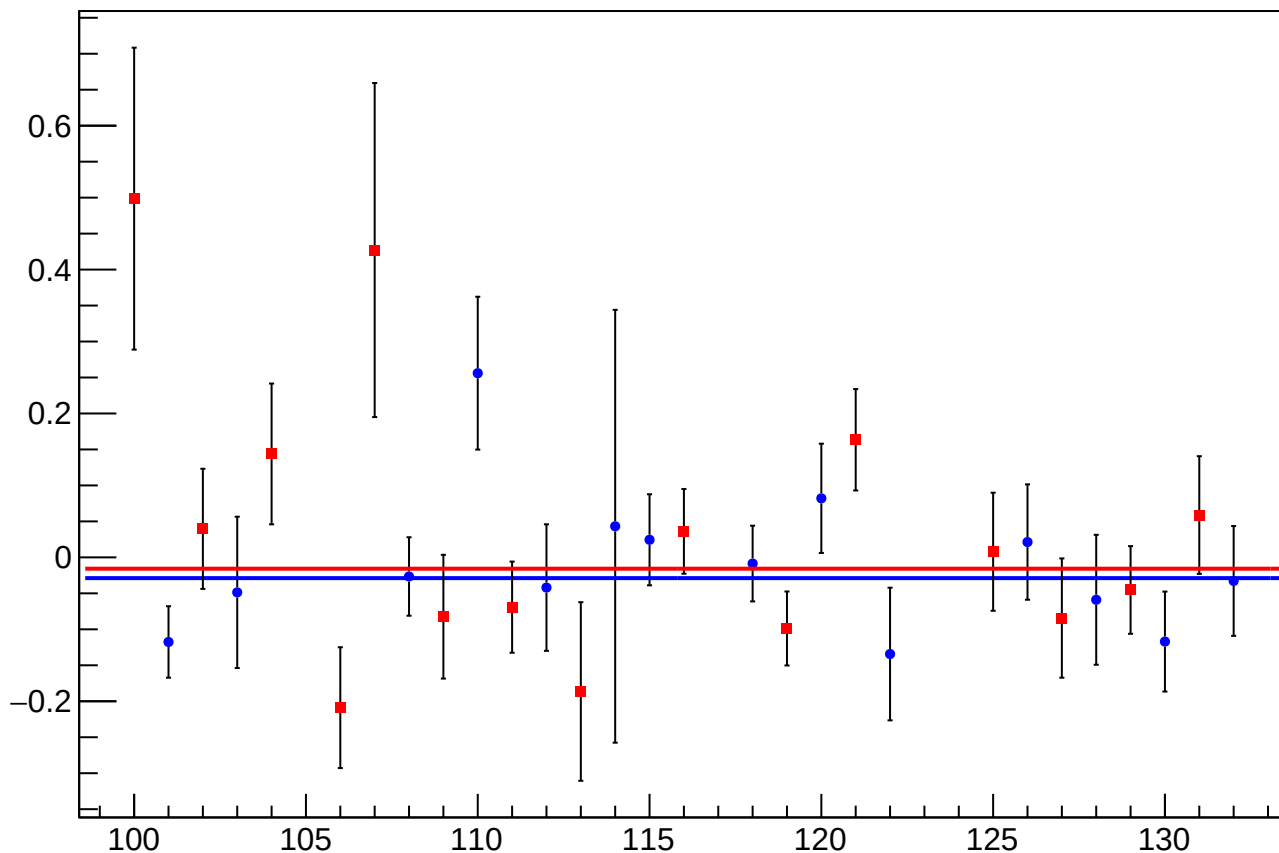
Right: 43.476+/-0.010 χ^2/NDF : 1662686.8/28

In: 42.442+/-0.014 χ^2/NDF : 829951.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.476+/-0.010 χ^2/NDF : 1662686.8/28

asym_usl_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 ± 0.020 χ^2/NDF : 16.9/13

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

Right Out: -0.016 ± 0.020 χ^2/NDF : 32.9/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

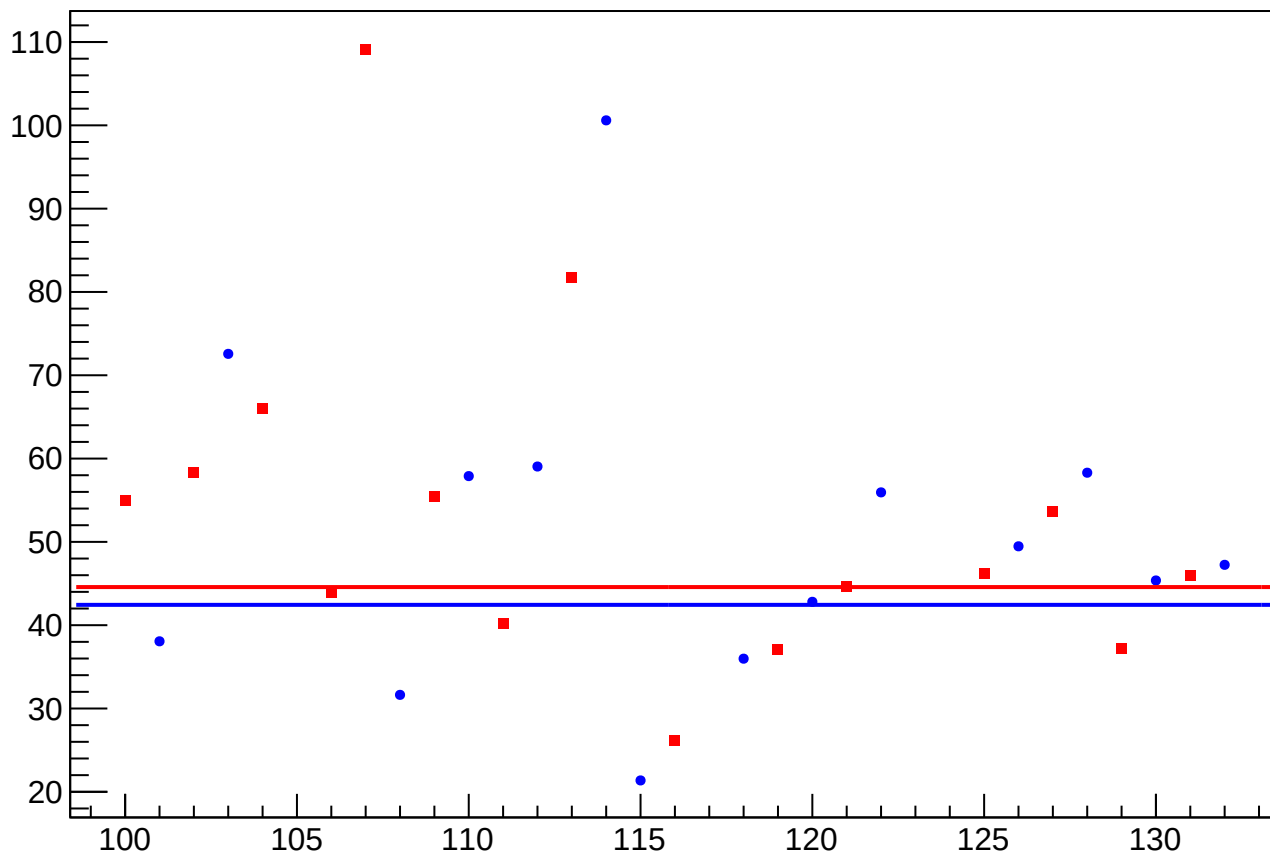
Right: -0.022 ± 0.014 χ^2/NDF : 50.1/28

In: -0.029 ± 0.020 χ^2/NDF : 16.9/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.022 ± 0.014 χ^2/NDF : 50.1/28

asym_usl_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.442 $\pm$ 0.014 χ^2 /NDF: 829951.5/13

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

Right Out: 44.576 $\pm$ 0.014 χ^2 /NDF: 821169.7/14

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

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

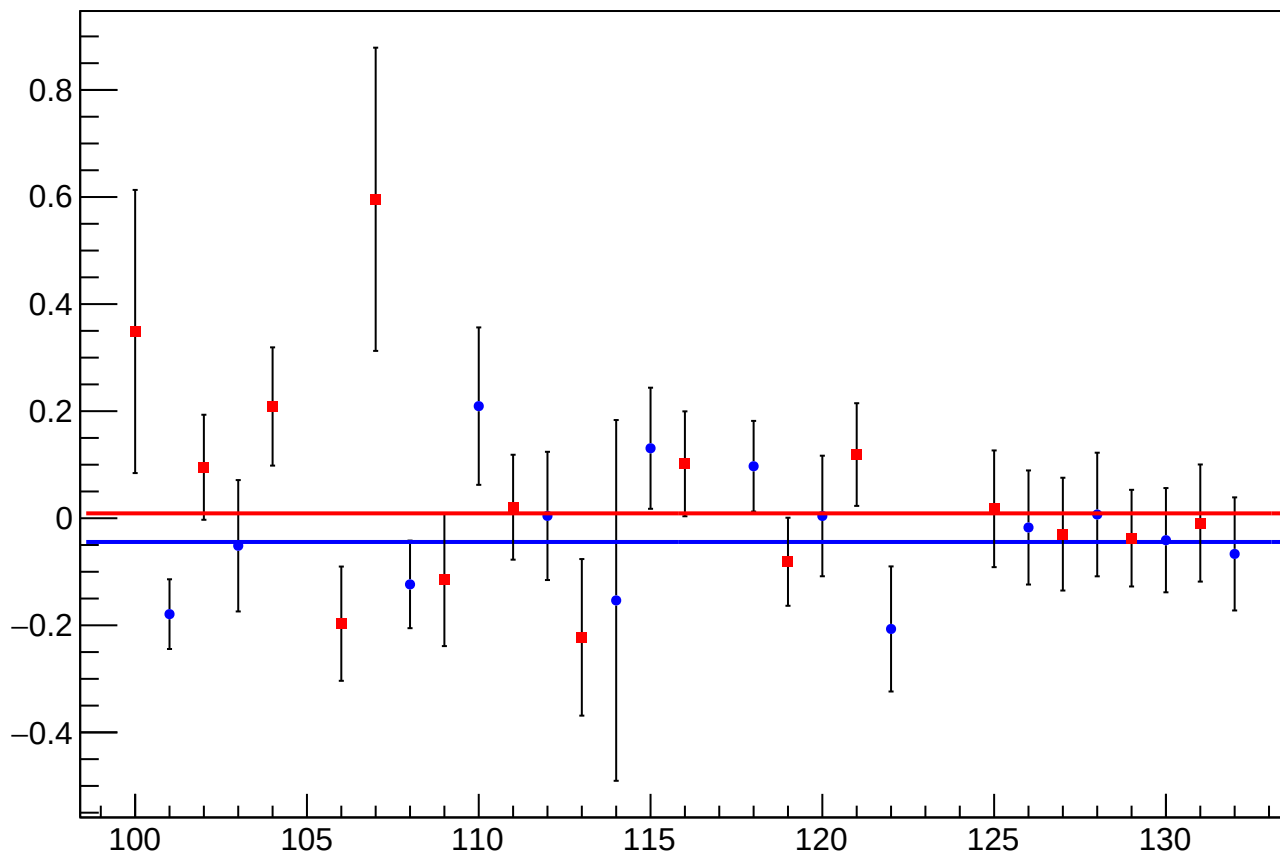
Right: 43.476 $\pm$ 0.010 χ^2 /NDF: 1662686.8/28

In: 42.442 $\pm$ 0.014 χ^2 /NDF:829951.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 43.476 $\pm$ 0.010 χ^2 /NDF: 1662686.8/28

asym_usl_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.044+/-0.028 χ^2 /NDF: 16.1/13

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

Right Out: 0.009+/-0.028 χ^2 /NDF: 21.1/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

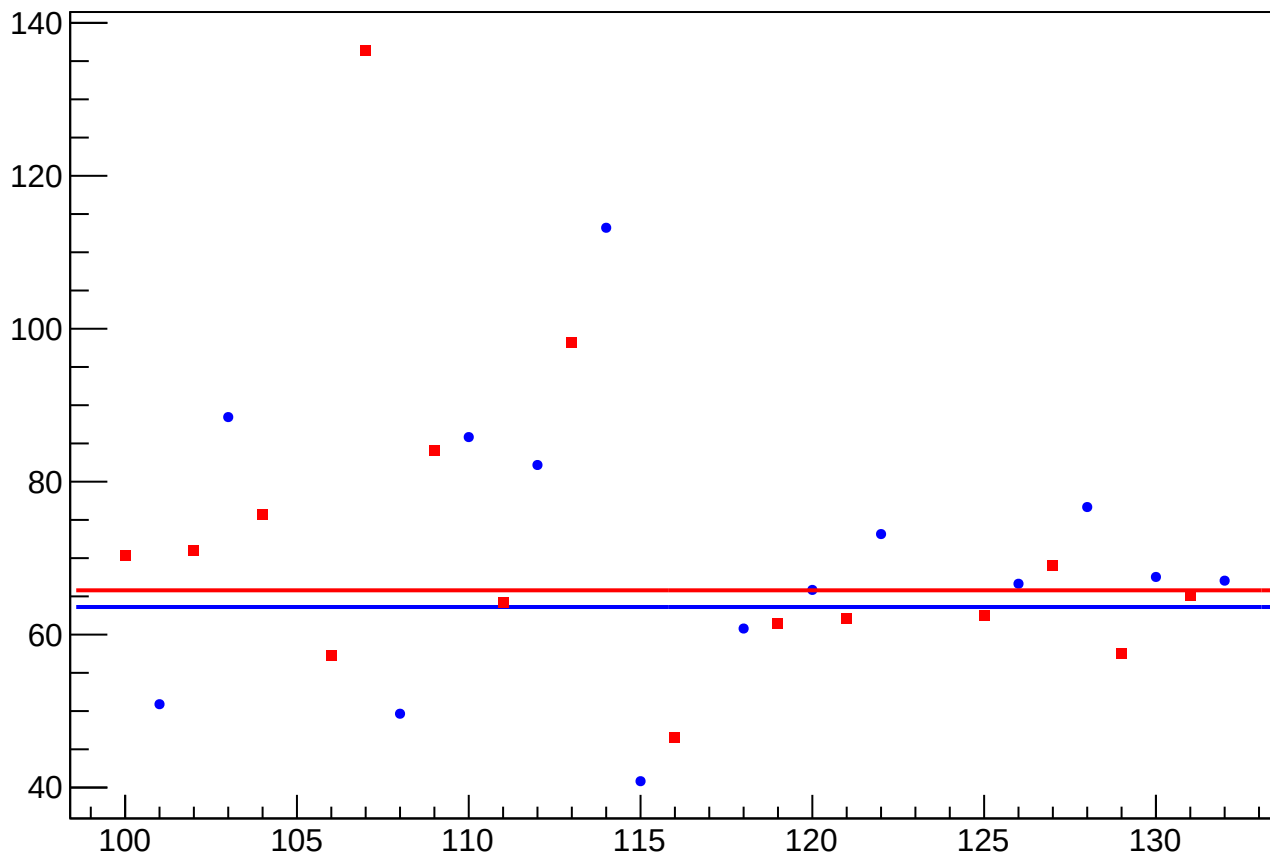
Right: -0.018+/-0.020 χ^2 /NDF: 39.0/28

In: -0.044+/-0.028 χ^2 /NDF:16.1/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.018+/-0.020 χ^2 /NDF: 39.0/28

asym_usl_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.610+/-0.020 χ^2/NDF : 483575.0/13

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

Right Out: 65.792+/-0.020 χ^2/NDF : 407979.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

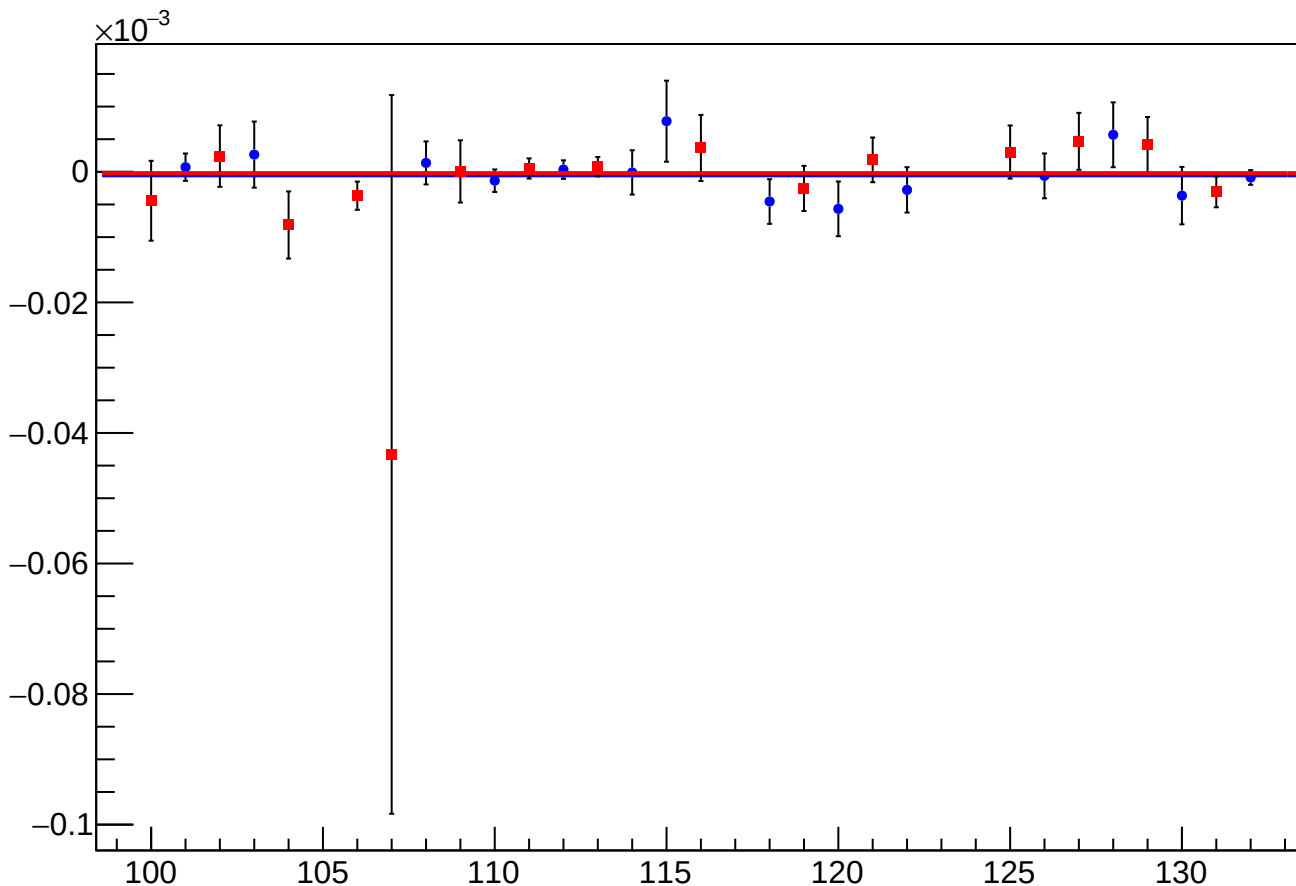
Right: 64.681+/-0.014 χ^2/NDF : 897654.2/28

In: 63.610+/-0.020 χ^2/NDF : 483575.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.681+/-0.014 χ^2/NDF : 897654.2/28

asym_usl_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 8.9/13

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

Right Out: -0.000+/-0.000 χ^2 /NDF: 12.8/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

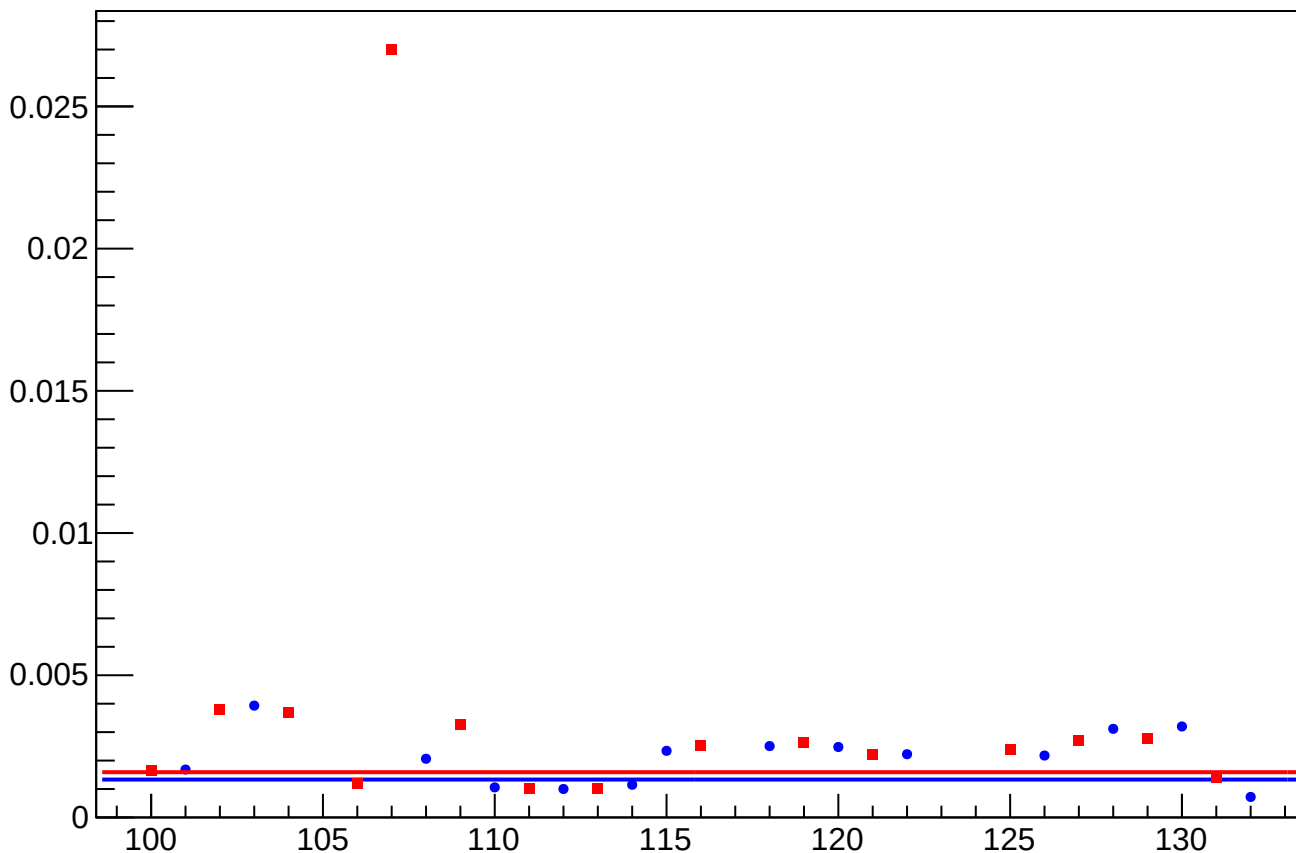
Right: -0.000+/-0.000 χ^2 /NDF: 21.8/28

In: -0.000+/-0.000 χ^2 /NDF:8.9/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 21.8/28

asym_usl_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2747037.5/13

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

Right Out: 0.002+/-0.000 χ^2/NDF : 2766905.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

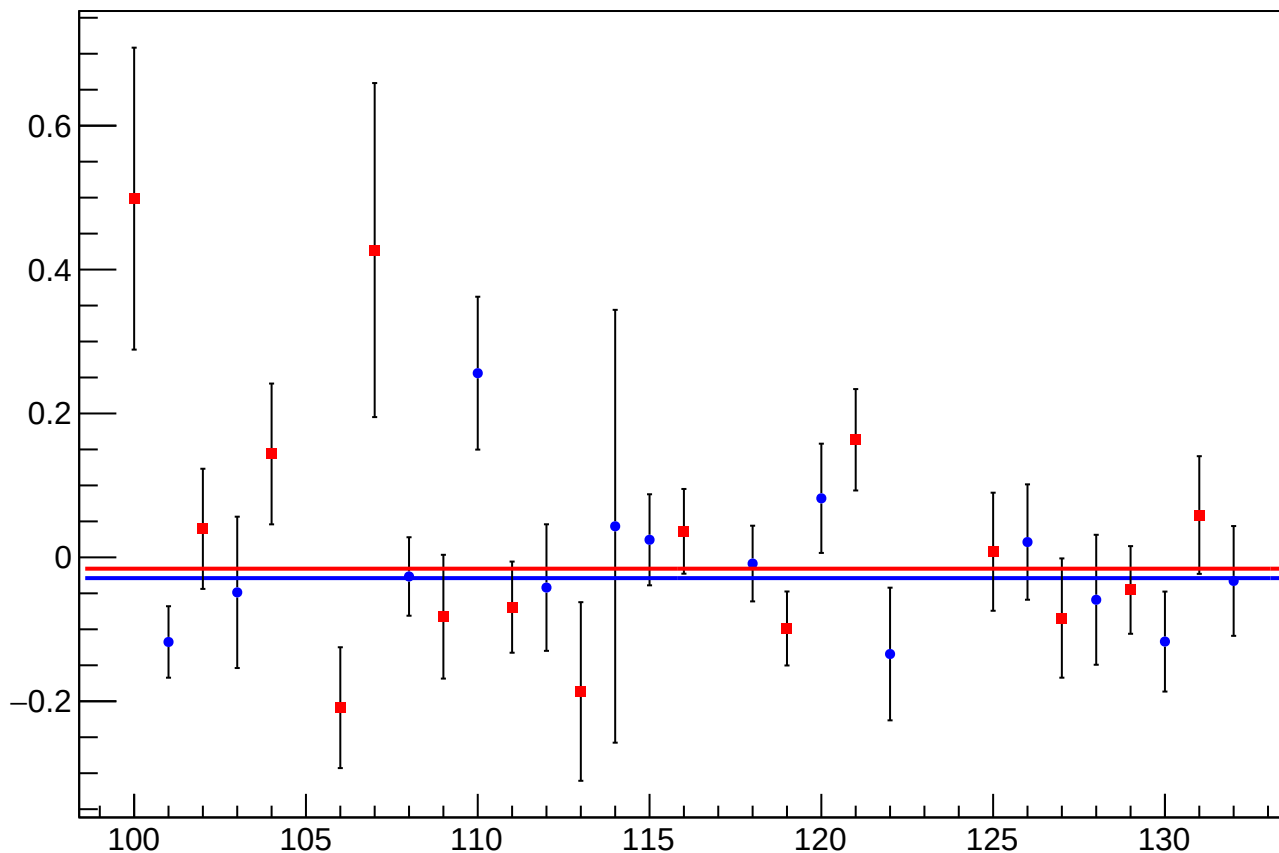
Right: 0.001+/-0.000 χ^2/NDF : 5654014.2/28

In: 0.001+/-0.000 χ^2/NDF :2747037.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5654014.2/28

asym_usl_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029+/-0.020 χ^2 /NDF: 16.9/13

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

Right Out: -0.016+/-0.020 χ^2 /NDF: 32.9/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

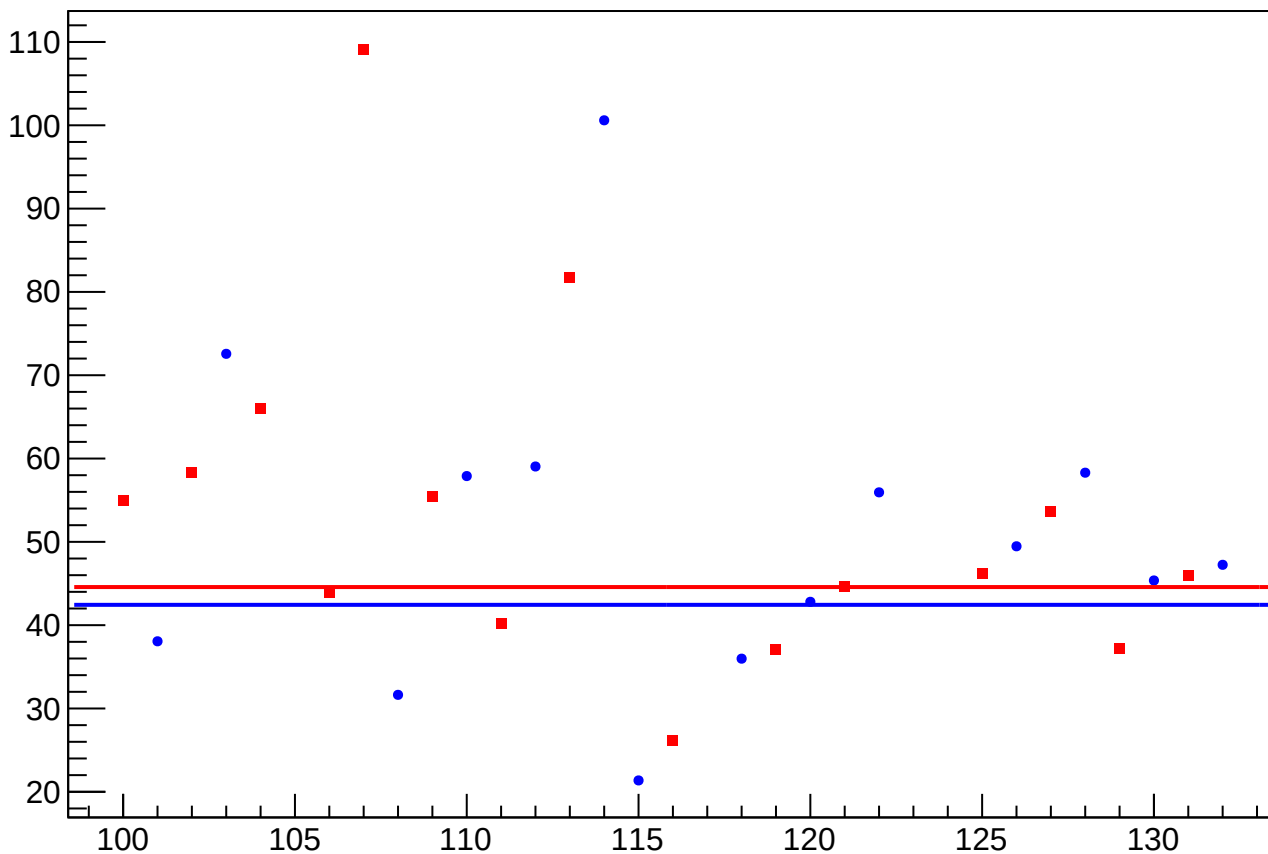
Right: -0.022+/-0.014 χ^2 /NDF: 50.1/28

In: -0.029+/-0.020 χ^2 /NDF:16.9/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.022+/-0.014 χ^2 /NDF: 50.1/28

asym_usl_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.441+/-0.014 χ^2/NDF : 829992.0/13

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

Right Out: 44.575+/-0.014 χ^2/NDF : 821202.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

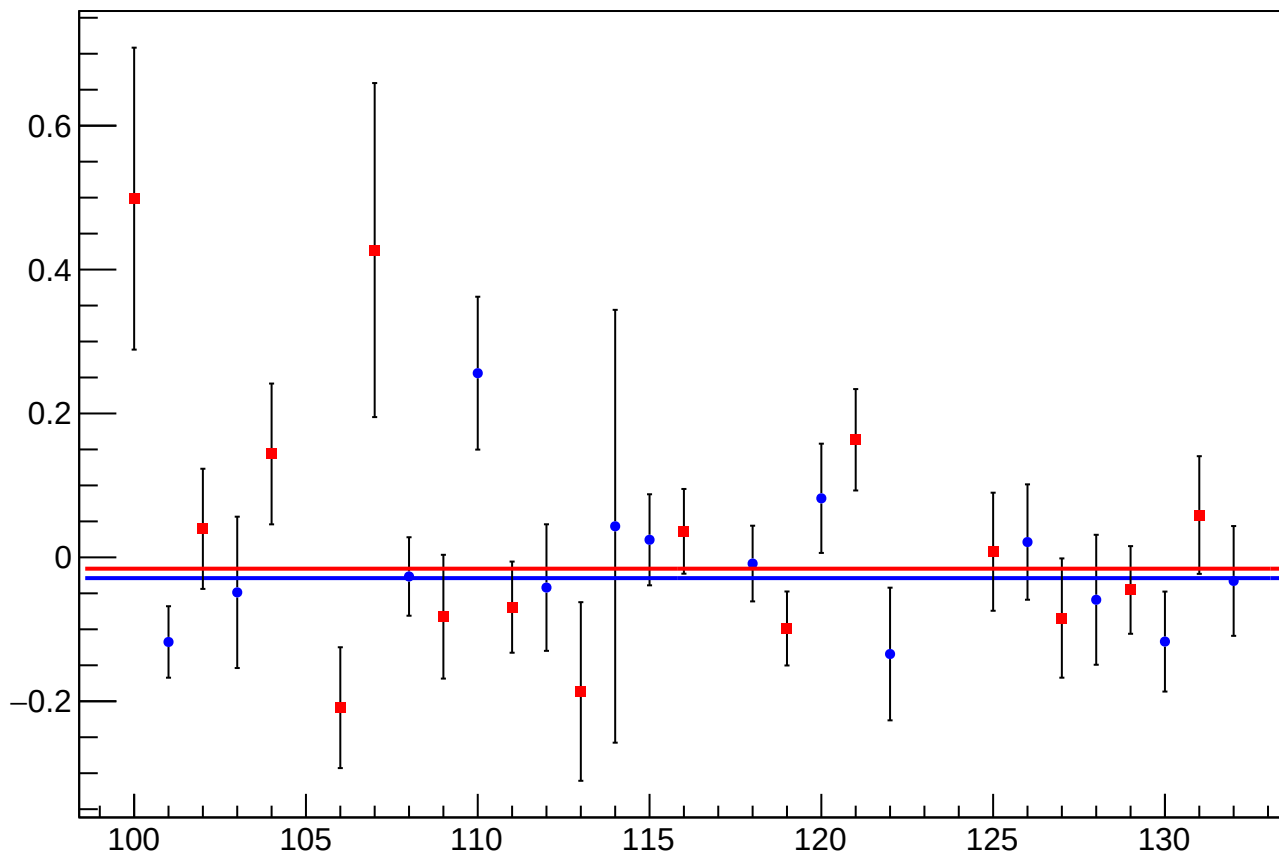
Right: 43.475+/-0.010 χ^2/NDF : 1662760.1/28

In: 42.441+/-0.014 χ^2/NDF : 829992.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.475+/-0.010 χ^2/NDF : 1662760.1/28

asym_usl_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 ± 0.020 χ^2/NDF : 16.9/13

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

Right Out: -0.016 ± 0.020 χ^2/NDF : 32.9/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

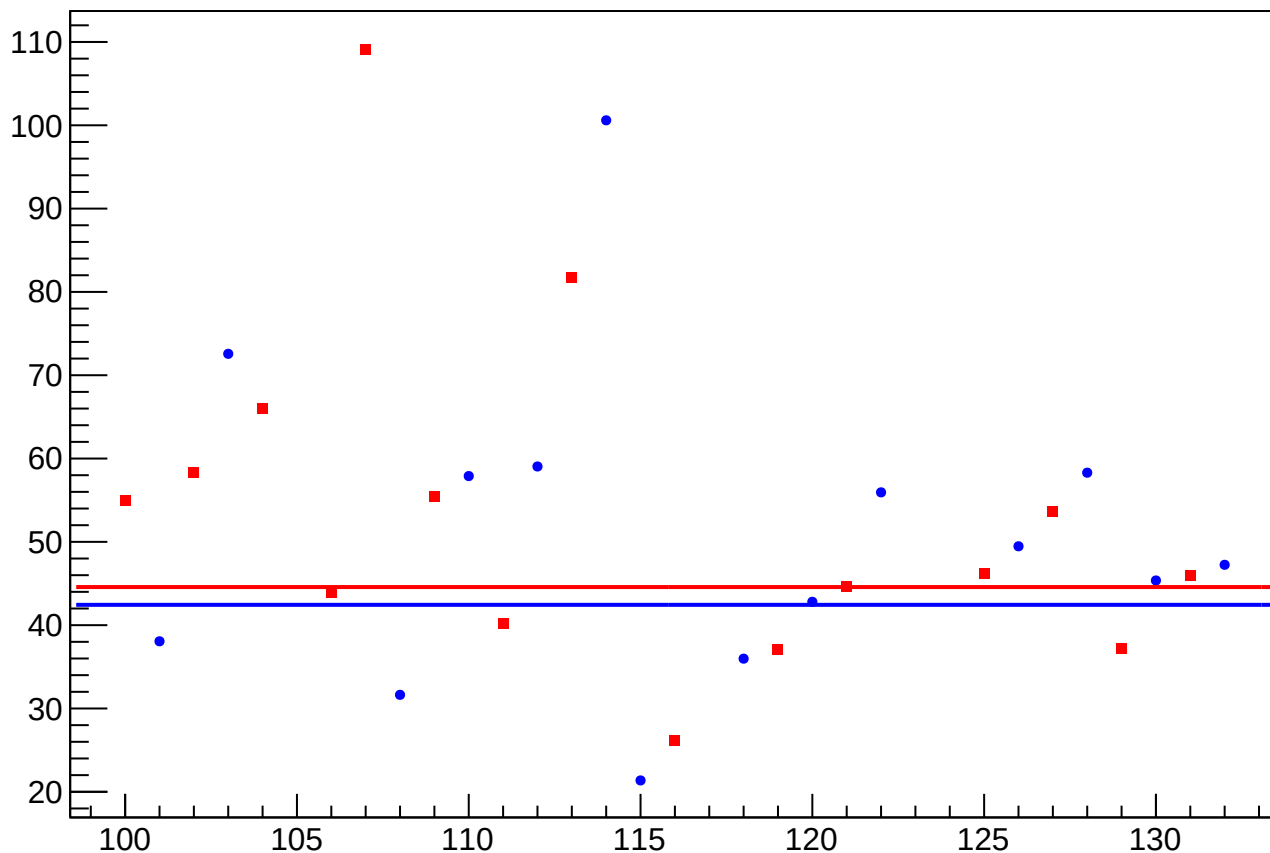
Right: -0.022 ± 0.014 χ^2/NDF : 50.1/28

In: -0.029 ± 0.020 χ^2/NDF : 16.9/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.022 ± 0.014 χ^2/NDF : 50.1/28

asym_usl_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.441+/-0.014 χ^2/NDF : 829992.0/13

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

Right Out: 44.575+/-0.014 χ^2/NDF : 821202.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

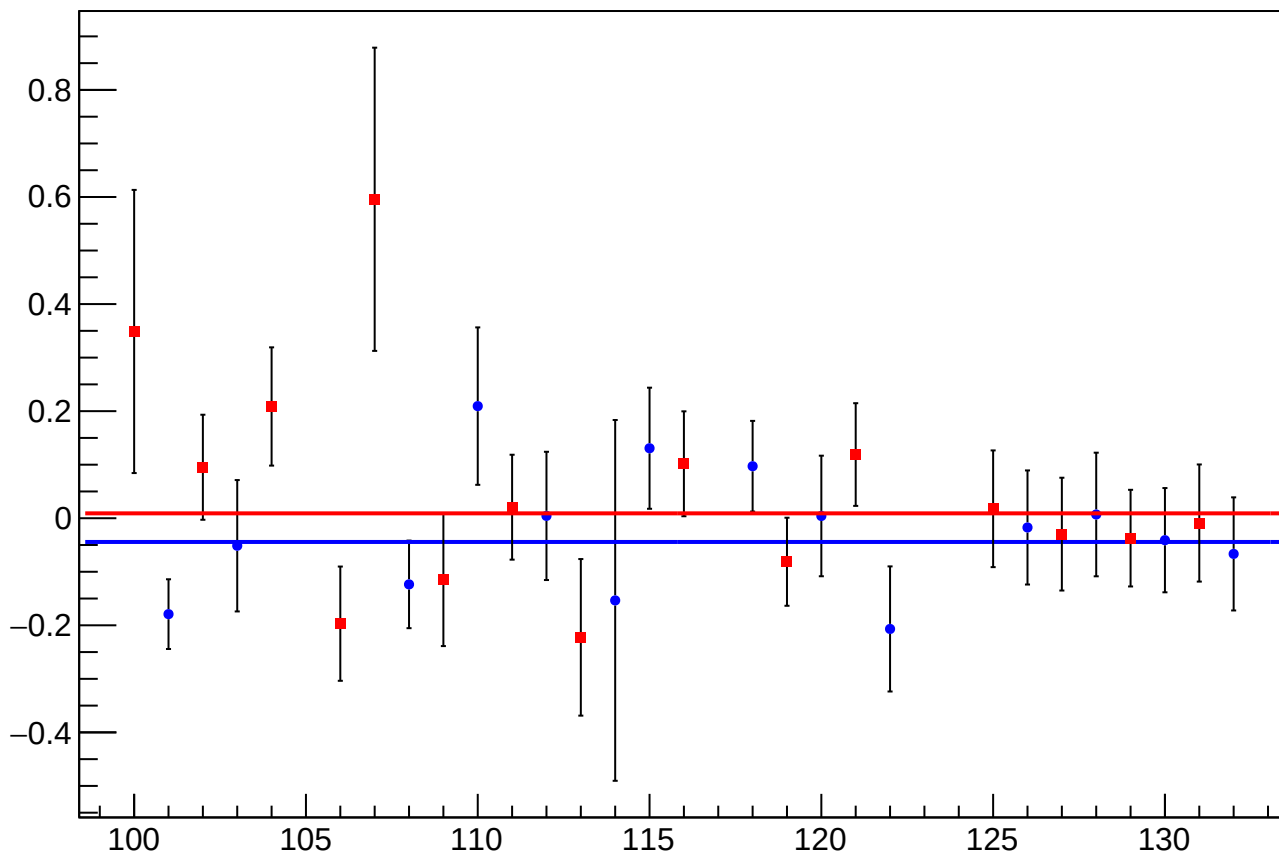
Right: 43.475+/-0.010 χ^2/NDF : 1662760.1/28

In: 42.441+/-0.014 χ^2/NDF : 829992.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.475+/-0.010 χ^2/NDF : 1662760.1/28

asym_usl_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.044 ± 0.028 χ^2/NDF : 16.1/13

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

Right Out: 0.009 ± 0.028 χ^2/NDF : 21.1/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

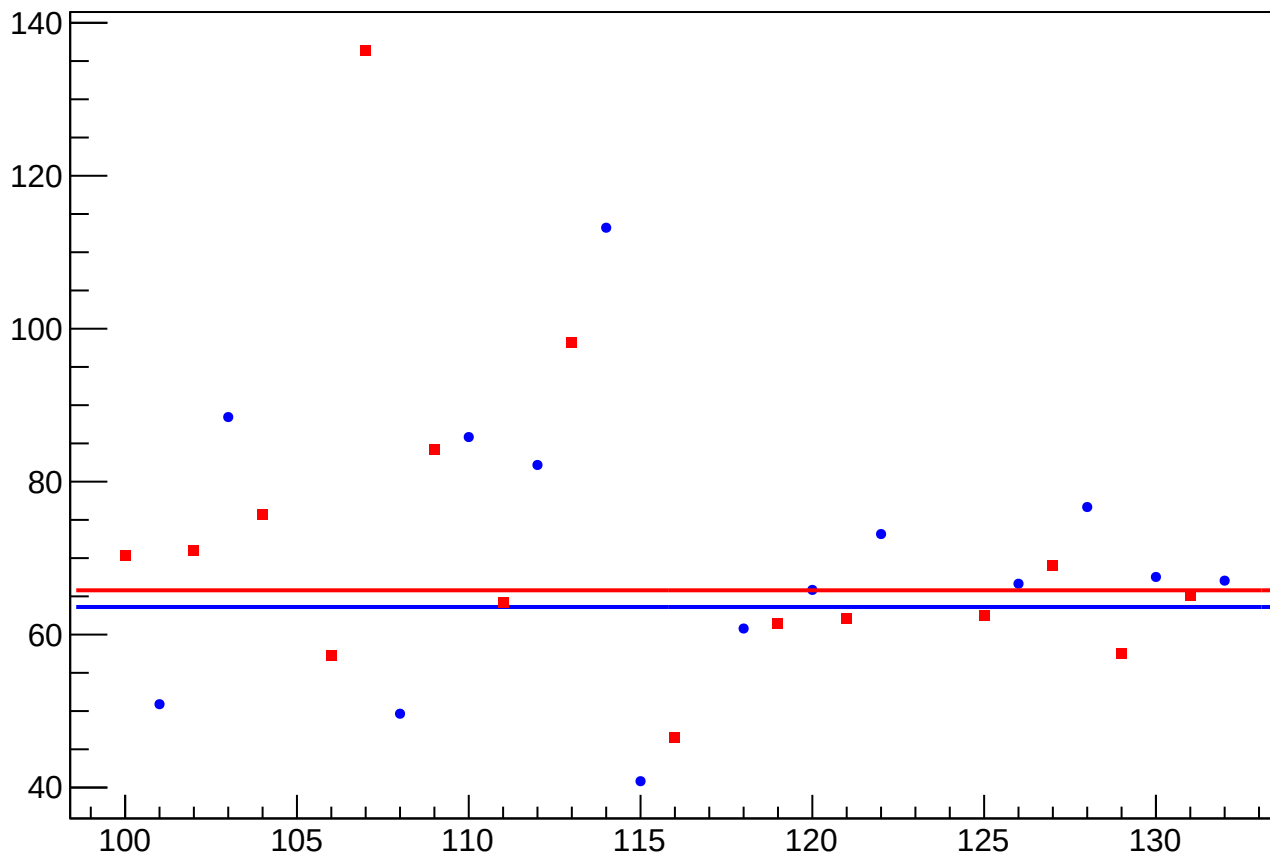
Right: -0.018 ± 0.020 χ^2/NDF : 39.0/28

In: -0.044 ± 0.028 χ^2/NDF : 16.1/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.018 ± 0.020 χ^2/NDF : 39.0/28

asym_usl_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.609 $\pm$ 0.020 χ^2 /NDF: 483575.4/13

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

Right Out: 65.791 $\pm$ 0.020 χ^2 /NDF: 407974.3/14

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

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

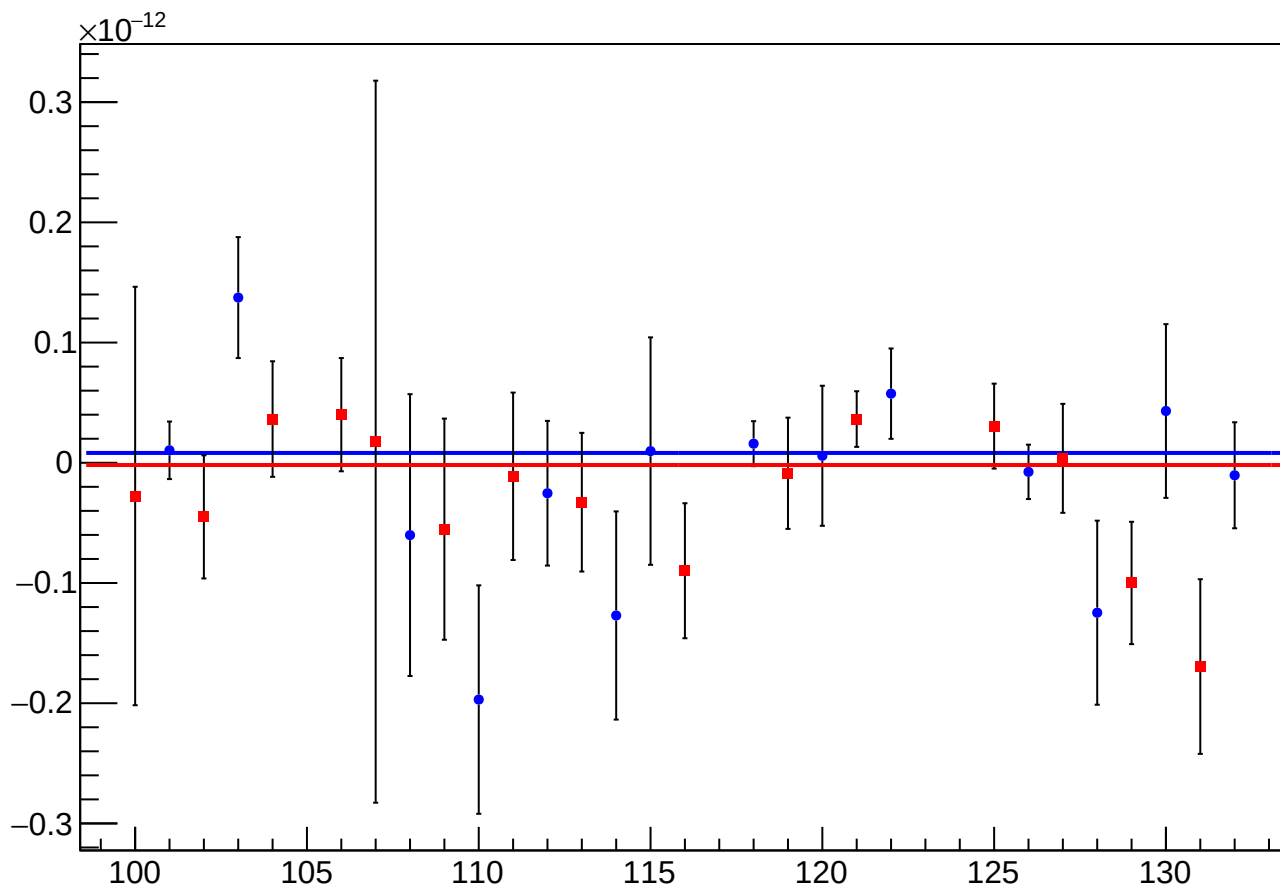
Right: 64.680 $\pm$ 0.014 χ^2 /NDF: 897648.1/28

In: 63.609 $\pm$ 0.020 χ^2 /NDF:483575.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 64.680 $\pm$ 0.014 χ^2 /NDF: 897648.1/28

asym_usl_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 20.2/13

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

Right Out: -0.000+/-0.000 χ^2/NDF : 17.9/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

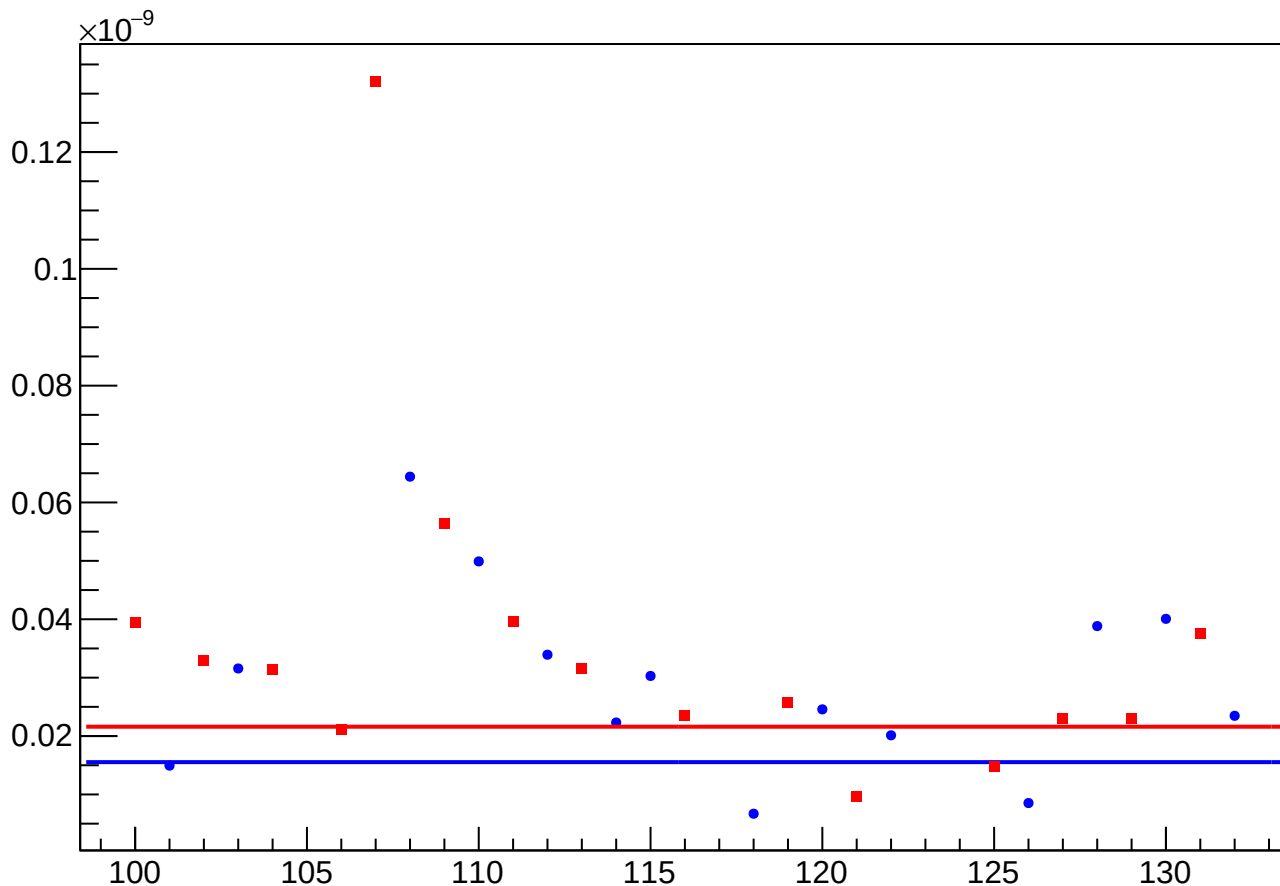
Right: 0.000+/-0.000 χ^2/NDF : 38.5/28

In: 0.000+/-0.000 χ^2/NDF : 20.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 38.5/28

asym_usl_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2258622.0/13

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1673972.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

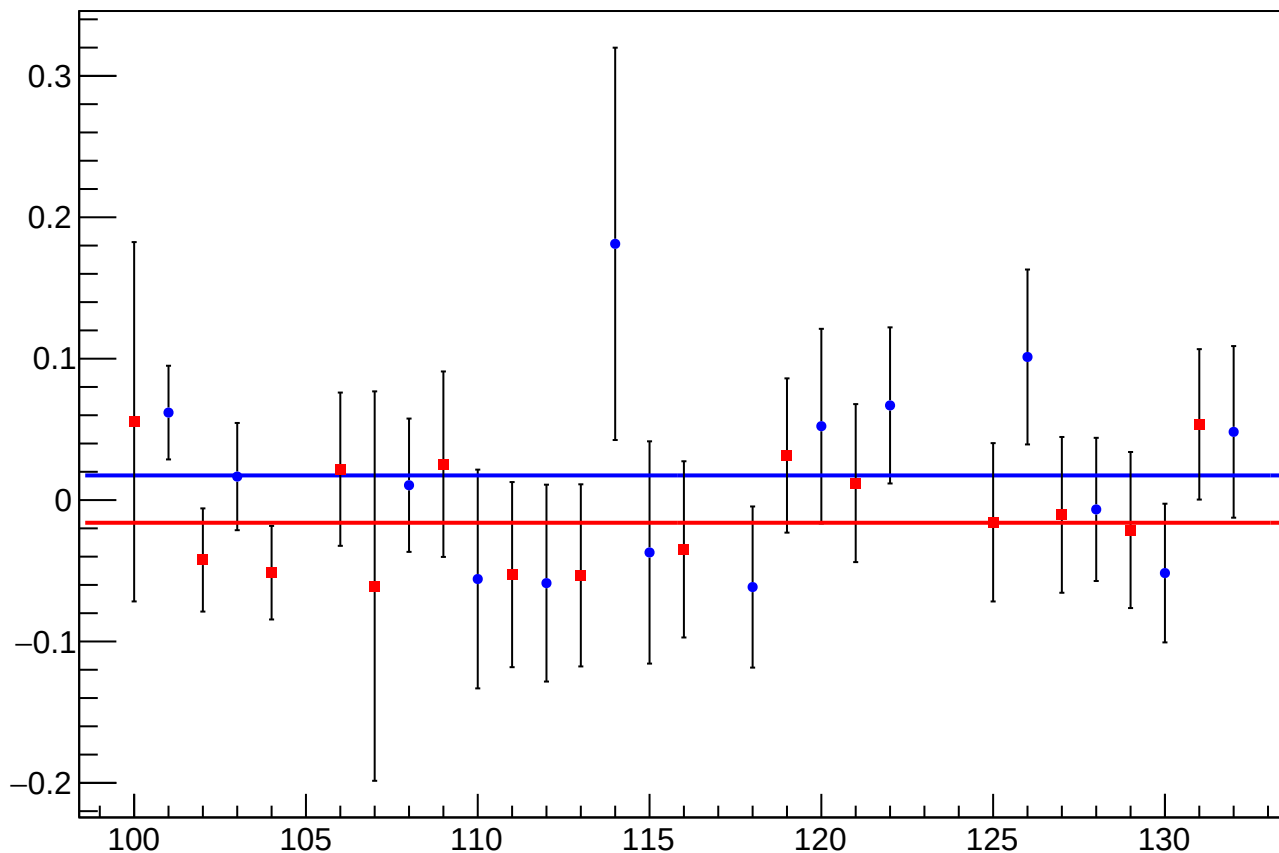
Right: 0.000+/-0.000 χ^2/NDF : 4215834.7/28

In: 0.000+/-0.000 χ^2/NDF : 2258622.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4215834.7/28

asym_usl_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017 $\pm$ 0.014 χ^2 /NDF: 13.1/13

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

Right Out: -0.016 $\pm$ 0.014 χ^2 /NDF: 6.5/14

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

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

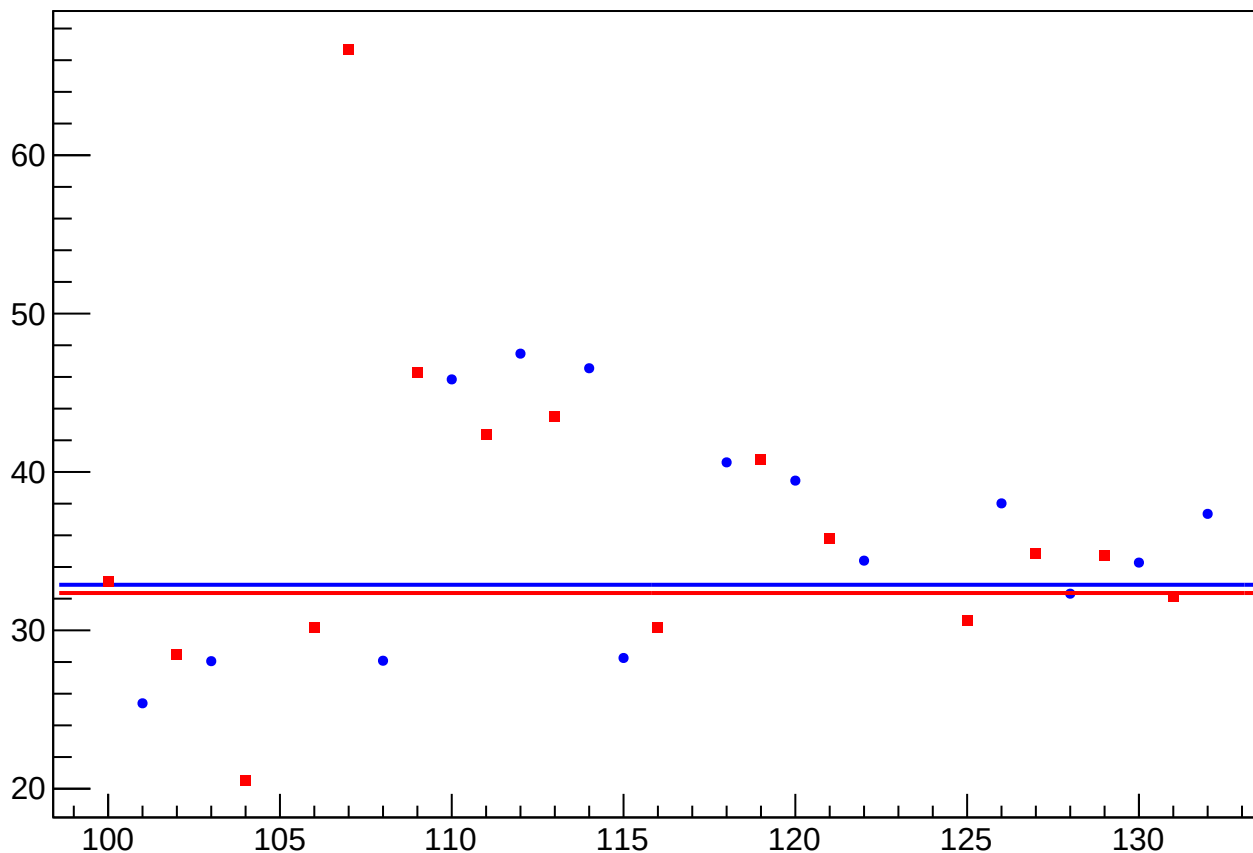
Right: 0.000 $\pm$ 0.010 χ^2 /NDF: 22.3/28

In: 0.017 $\pm$ 0.014 χ^2 /NDF:13.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.010 χ^2 /NDF: 22.3/28

asym_usl_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.877+/-0.010 χ^2/NDF : 408702.8/13

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

Right Out: 32.357+/-0.010 χ^2/NDF : 671083.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

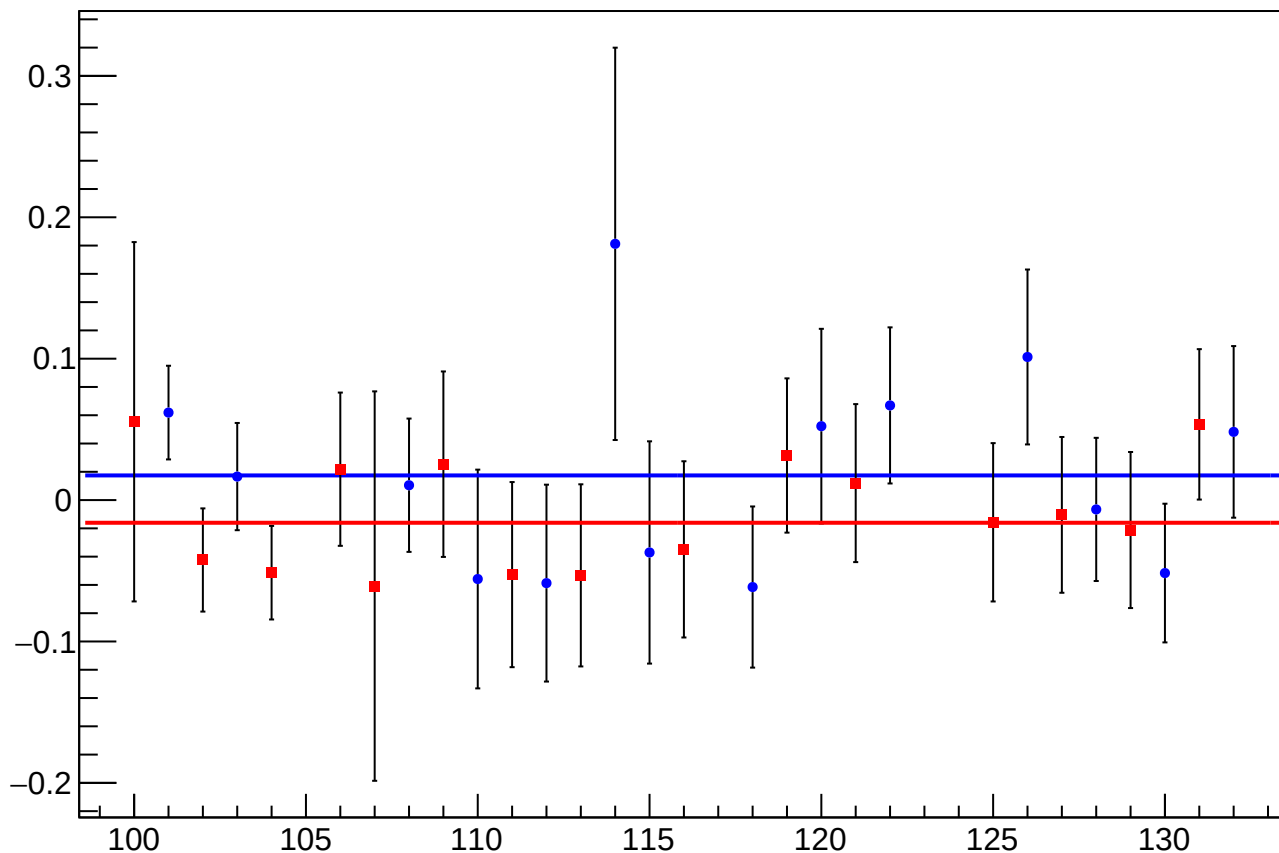
Right: 32.611+/-0.007 χ^2/NDF : 1081126.2/28

In: 32.877+/-0.010 χ^2/NDF : 408702.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.611+/-0.007 χ^2/NDF : 1081126.2/28

asym_usl_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017 $\pm$ 0.014 χ^2 /NDF: 13.1/13

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

Right Out: -0.016 $\pm$ 0.014 χ^2 /NDF: 6.5/14

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

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

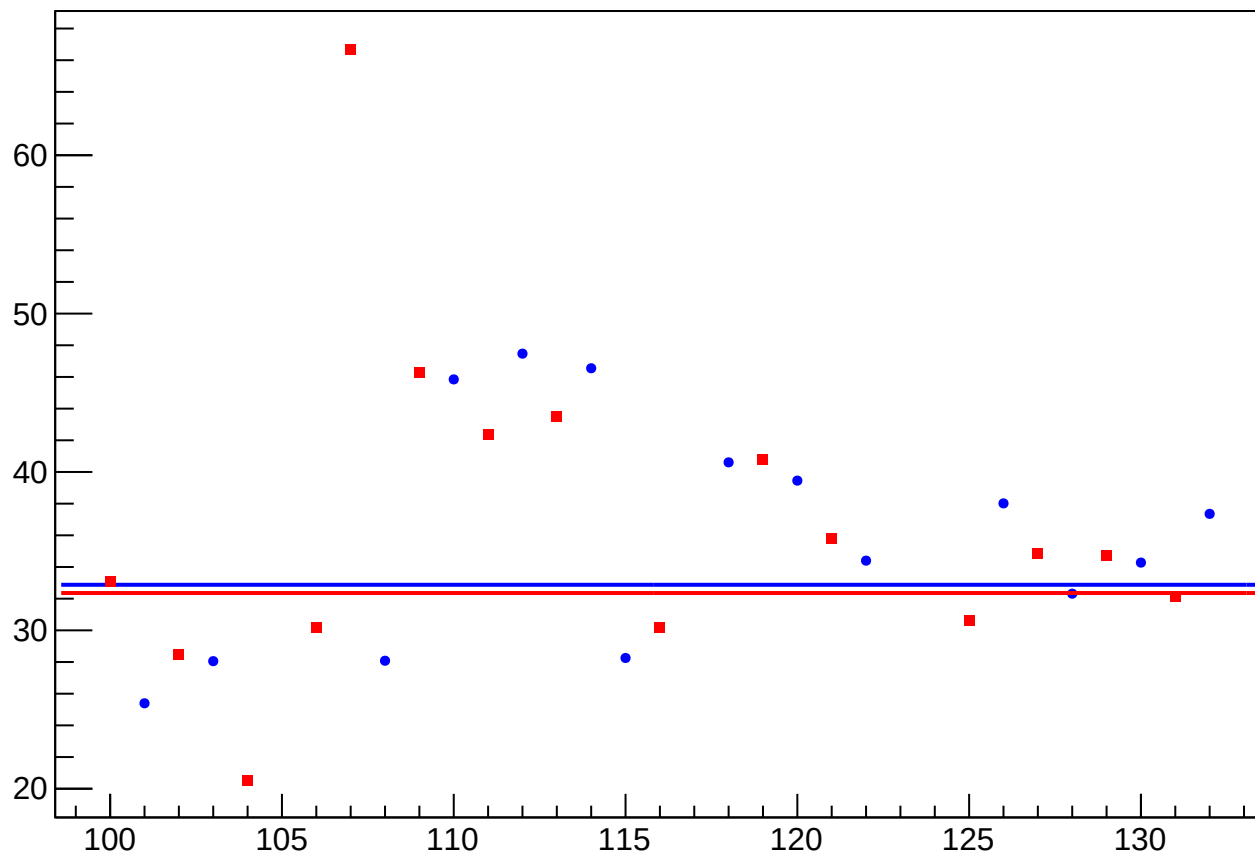
Right: 0.000 $\pm$ 0.010 χ^2 /NDF: 22.3/28

In: 0.017 $\pm$ 0.014 χ^2 /NDF:13.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.010 χ^2 /NDF: 22.3/28

asym_usl_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.877+/-0.010 χ^2/NDF : 408702.8/13

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

Right Out: 32.357+/-0.010 χ^2/NDF : 671083.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

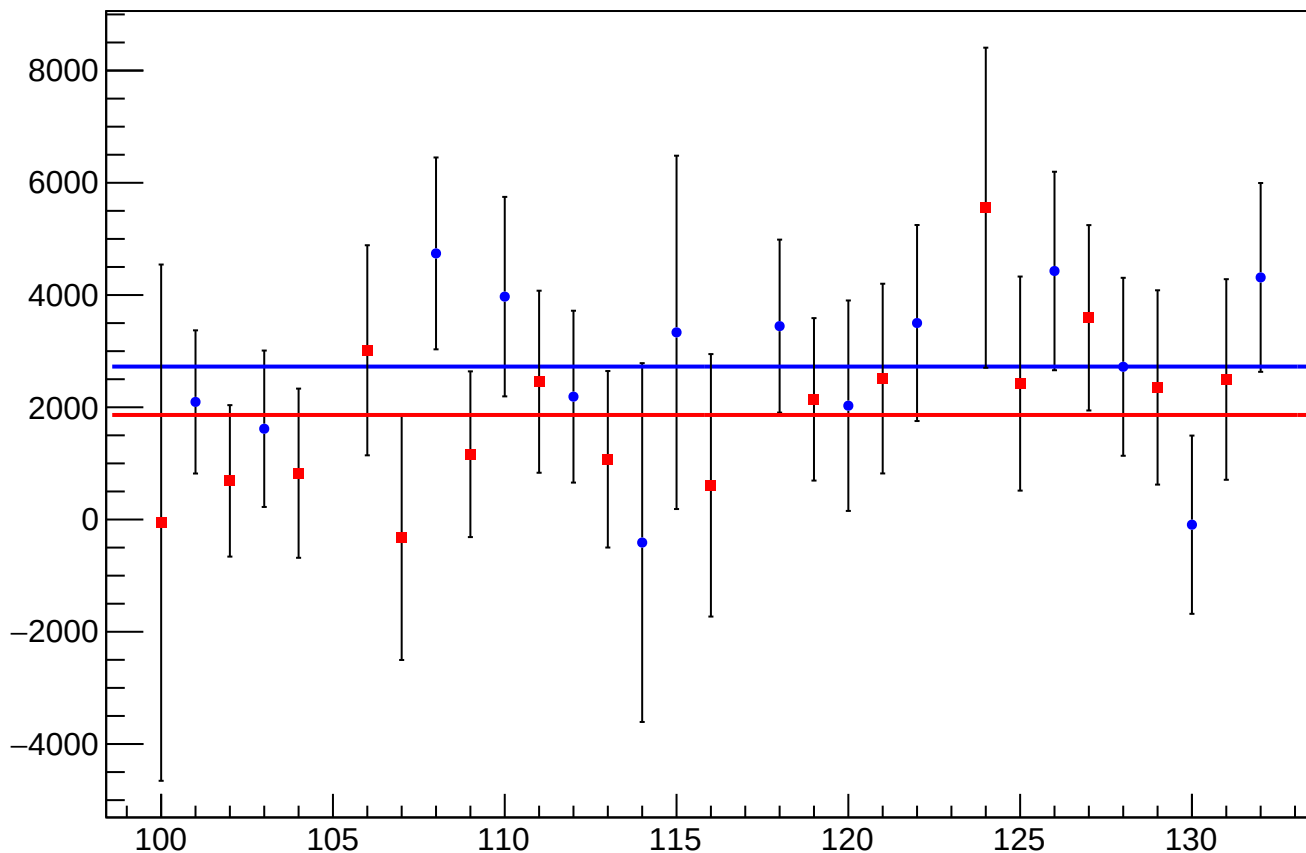
Right: 32.611+/-0.007 χ^2/NDF : 1081126.2/28

In: 32.877+/-0.010 χ^2/NDF : 408702.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.611+/-0.007 χ^2/NDF : 1081126.2/28

reg_asym_usr_mean vs Slug, Sign Corrected



Right In: 2725.337 $\pm$ 451.074 χ^2 /NDF: 9.4/13

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

Right Out: 1863.154 $\pm$ 438.702 χ^2 /NDF: 6.9/15

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

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

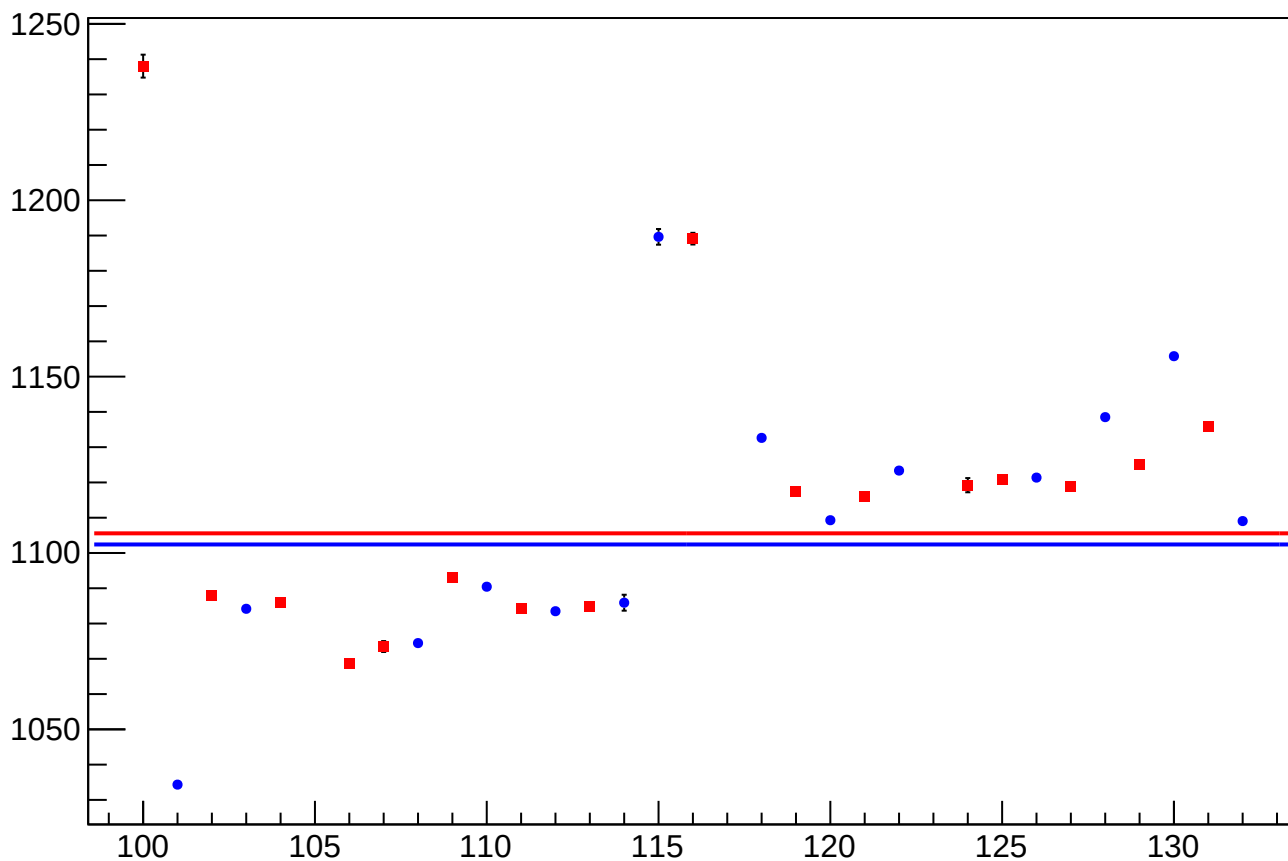
Right: 2282.260 $\pm$ 314.492 χ^2 /NDF: 18.2/29

In: 2725.337 $\pm$ 451.074 χ^2 /NDF:9.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2282.260 $\pm$ 314.492 χ^2 /NDF: 18.2/29

reg_asym_usr_rms vs Slug, Sign Corrected



Right In: 1102.416+/-0.319 χ^2/NDF : 13201.5/13

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

Right Out: 1105.571+/-0.310 χ^2/NDF : 8280.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

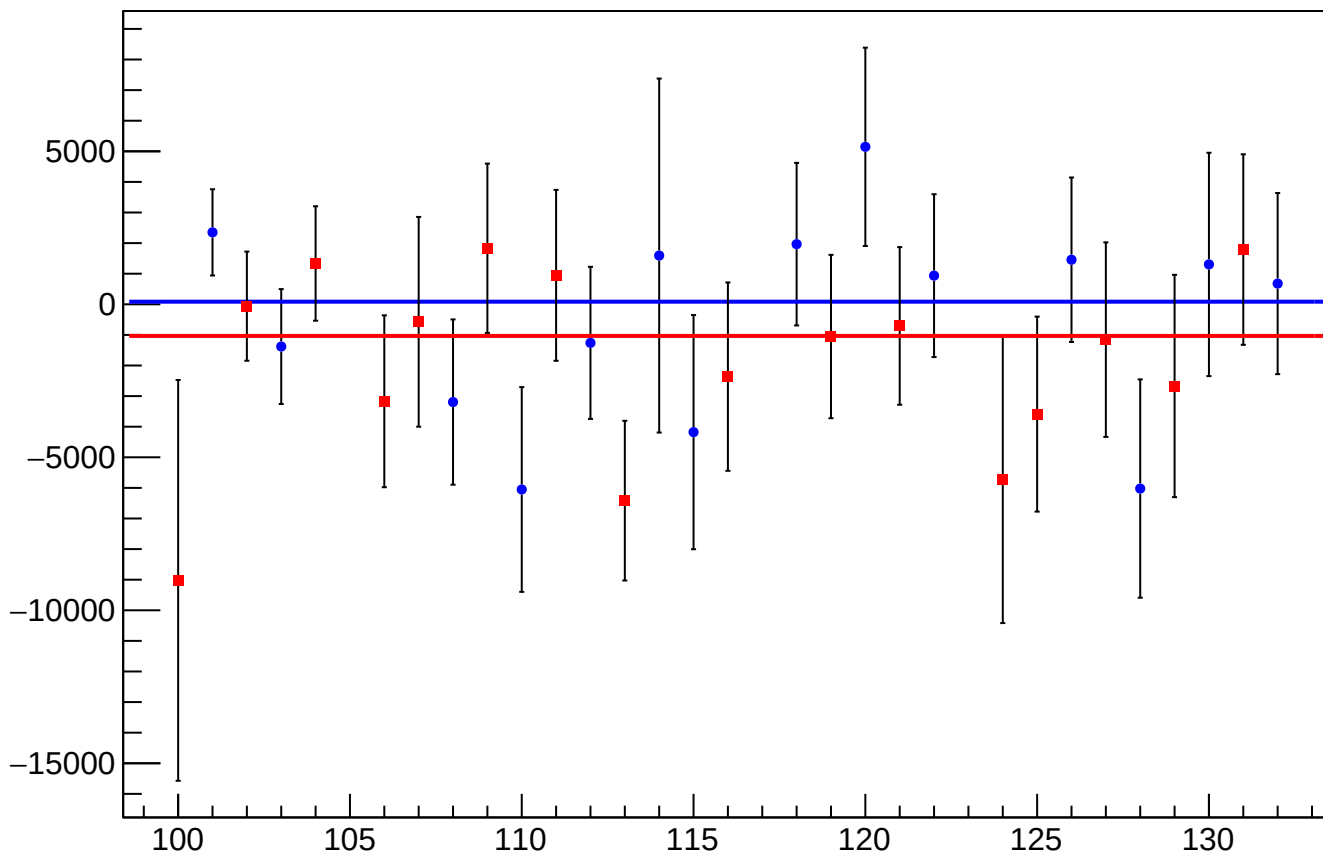
Right: 1104.037+/-0.222 χ^2/NDF : 21532.3/29

In: 1102.416+/-0.319 χ^2/NDF : 13201.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1104.037+/-0.222 χ^2/NDF : 21532.3/29

asym_usr_reg_correction_mean vs Slug, Sign Corrected



Right In: 85.651+/-697.105 χ^2/NDF : 16.0/13

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

Right Out: -1032.839+/-696.866 χ^2/NDF : 12.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

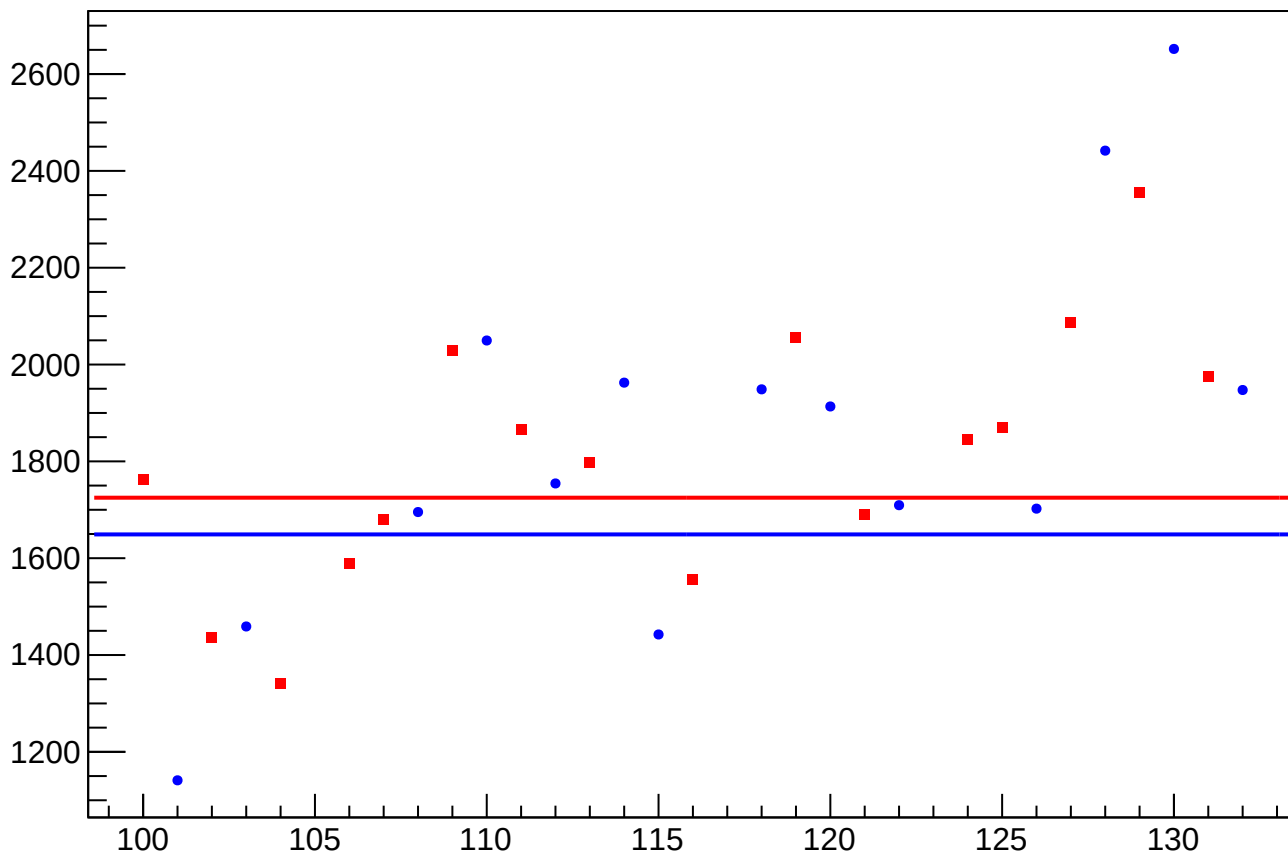
Right: -473.786+/-492.843 χ^2/NDF : 30.0/29

In: 85.651+/-697.105 χ^2/NDF : 16.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -473.786+/-492.843 χ^2/NDF : 30.0/29

asym_usr_reg_correction_rms vs Slug, Sign Corrected



Right In: 1649.124+/-0.493 χ^2/NDF : 635334.1/13

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

Right Out: 1724.970+/-0.493 χ^2/NDF : 314179.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

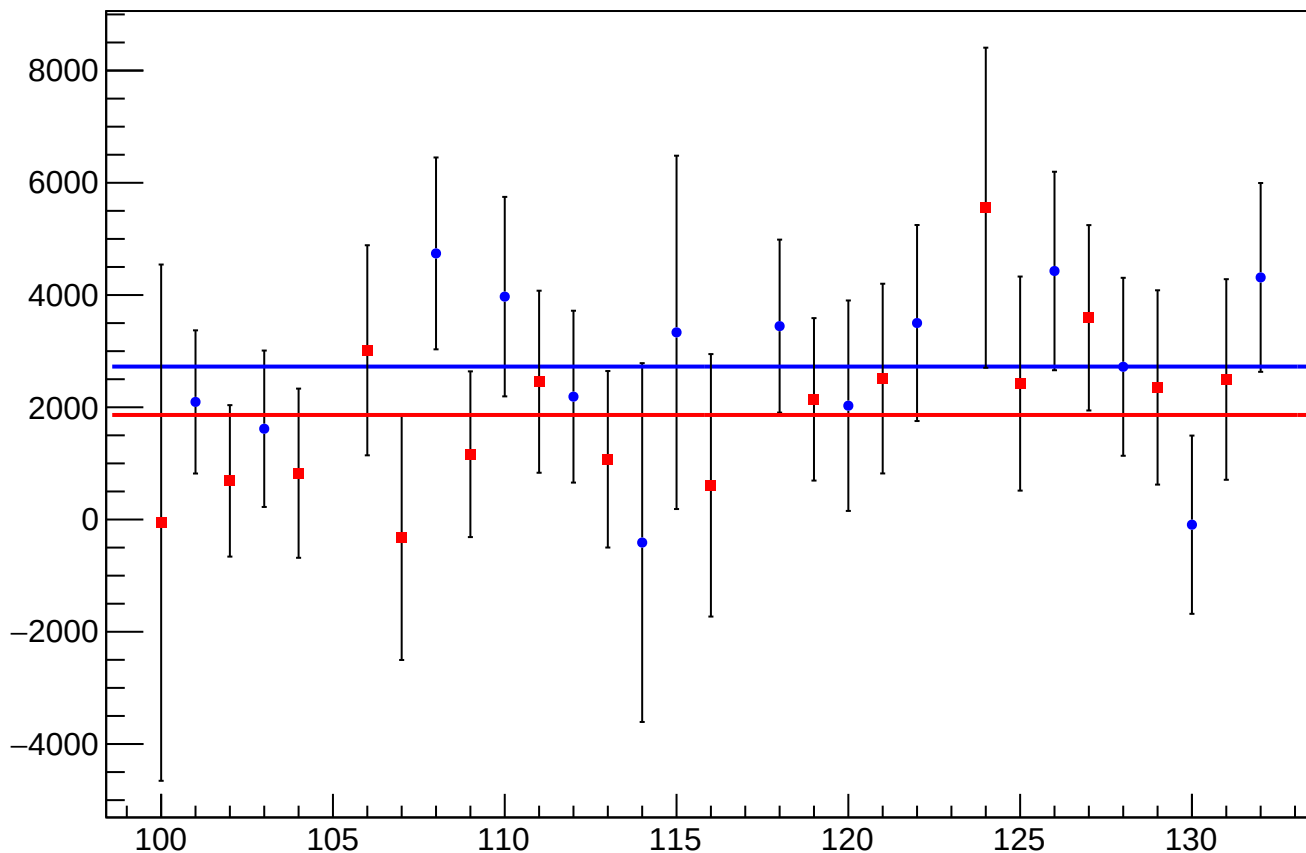
Right: 1687.060+/-0.348 χ^2/NDF : 961355.2/29

In: 1649.124+/-0.493 χ^2/NDF : 635334.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1687.060+/-0.348 χ^2/NDF : 961355.2/29

cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2725.337+/-451.074 χ^2/NDF : 9.4/13

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

Right Out: 1863.154+/-438.702 χ^2/NDF : 6.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

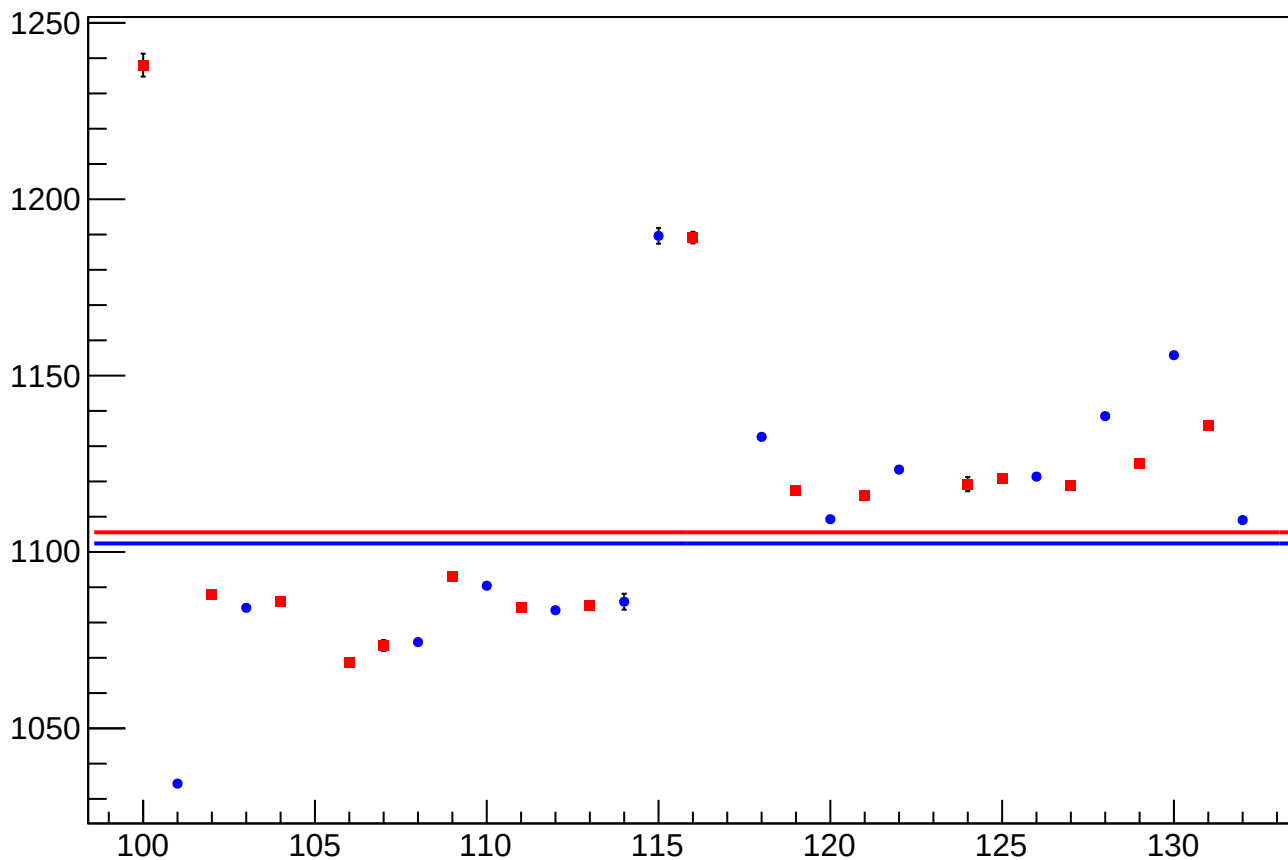
Right: 2282.260+/-314.492 χ^2/NDF : 18.2/29

In: 2725.337+/-451.074 χ^2/NDF : 9.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2282.260+/-314.492 χ^2/NDF : 18.2/29

cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1102.416+/-0.319 χ^2/NDF : 13201.5/13

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

Right Out: 1105.571+/-0.310 χ^2/NDF : 8280.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

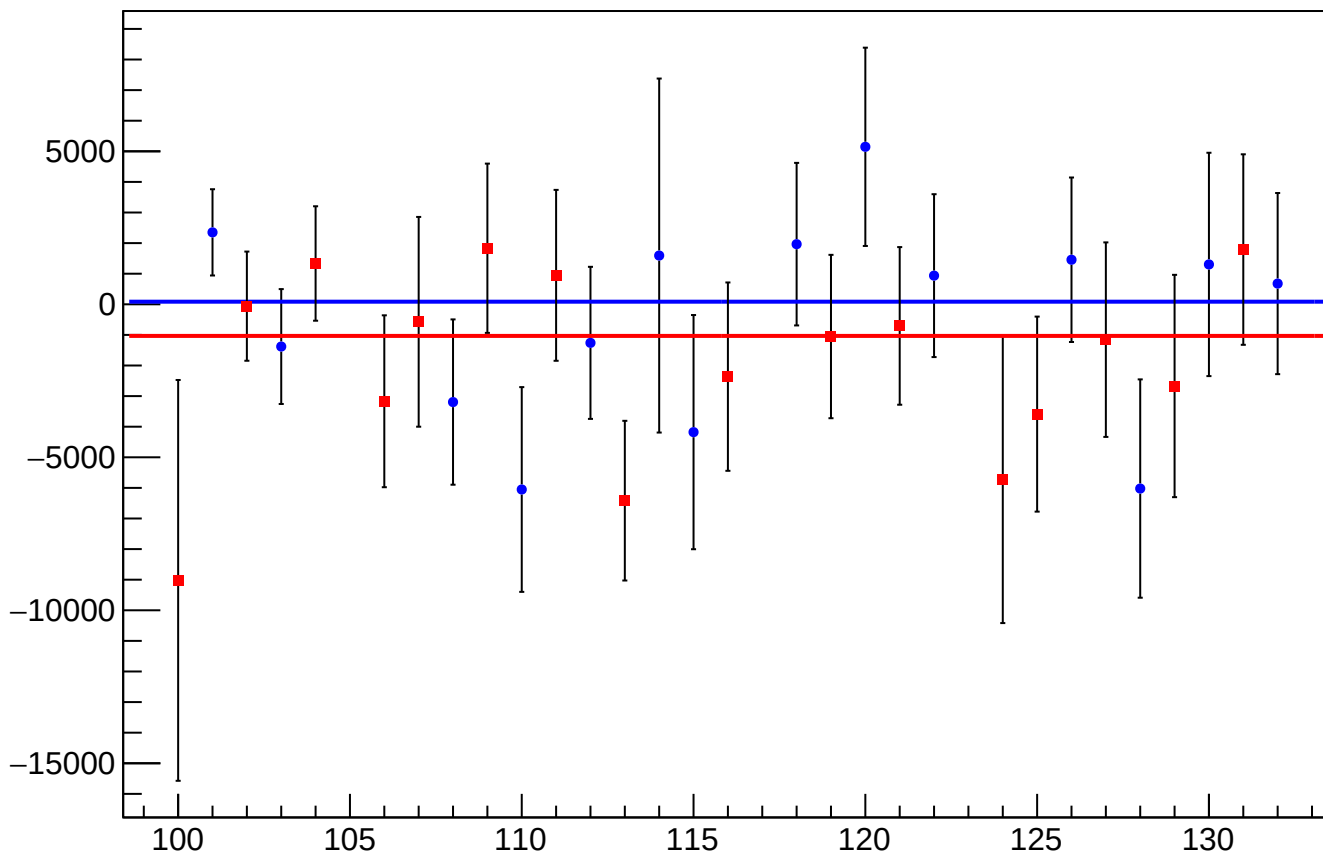
Right: 1104.037+/-0.222 χ^2/NDF : 21532.3/29

In: 1102.416+/-0.319 χ^2/NDF :13201.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1104.037+/-0.222 χ^2/NDF : 21532.3/29

asym_usr_cor_correction_mean vs Slug, Sign Corrected



Right In: 85.651+/-697.105 χ^2/NDF : 16.0/13

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

Right Out: -1032.839+/-696.866 χ^2/NDF : 12.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

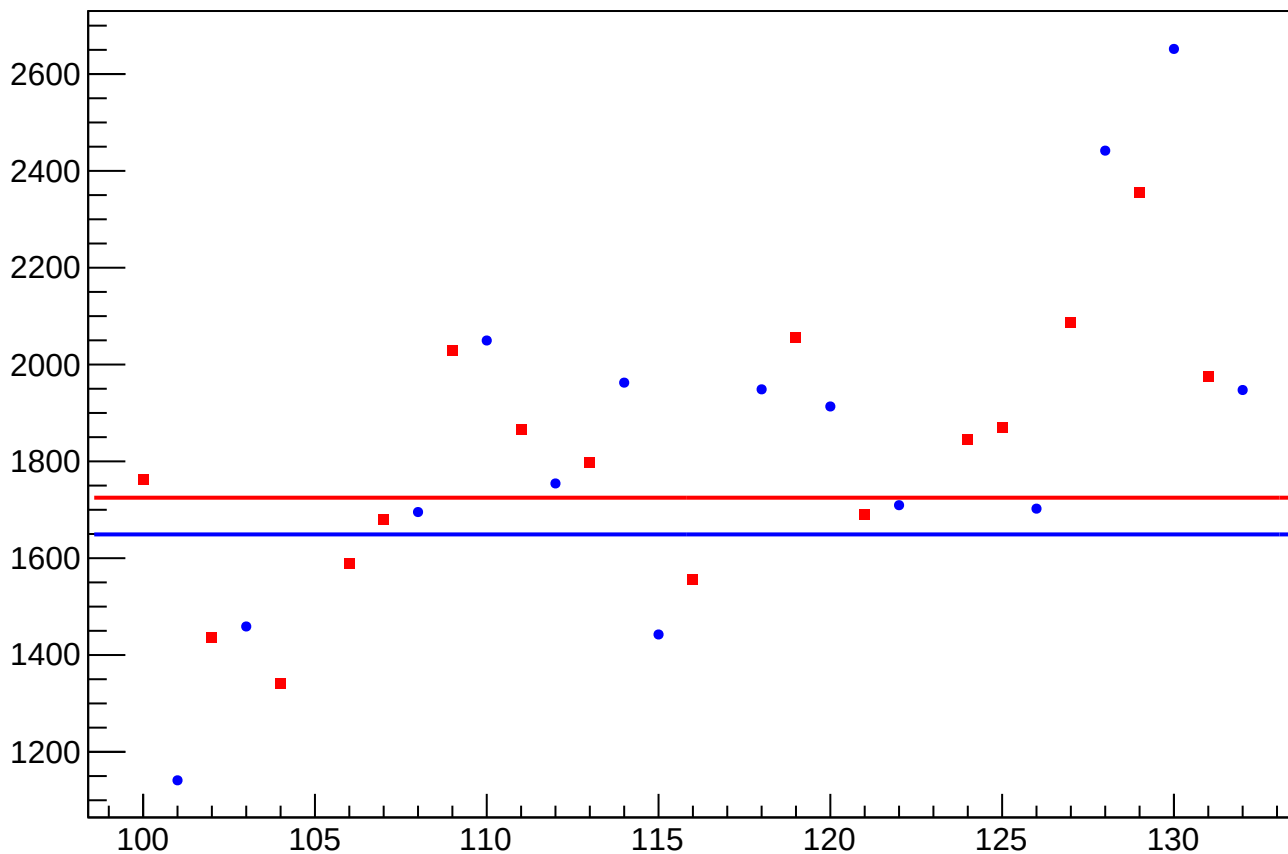
Right: -473.786+/-492.843 χ^2/NDF : 30.0/29

In: 85.651+/-697.105 χ^2/NDF : 16.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -473.786+/-492.843 χ^2/NDF : 30.0/29

asym_usr_cor_correction_rms vs Slug, Sign Corrected



Right In: 1649.124+/-0.493 χ^2/NDF : 635334.1/13

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

Right Out: 1724.970+/-0.493 χ^2/NDF : 314179.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

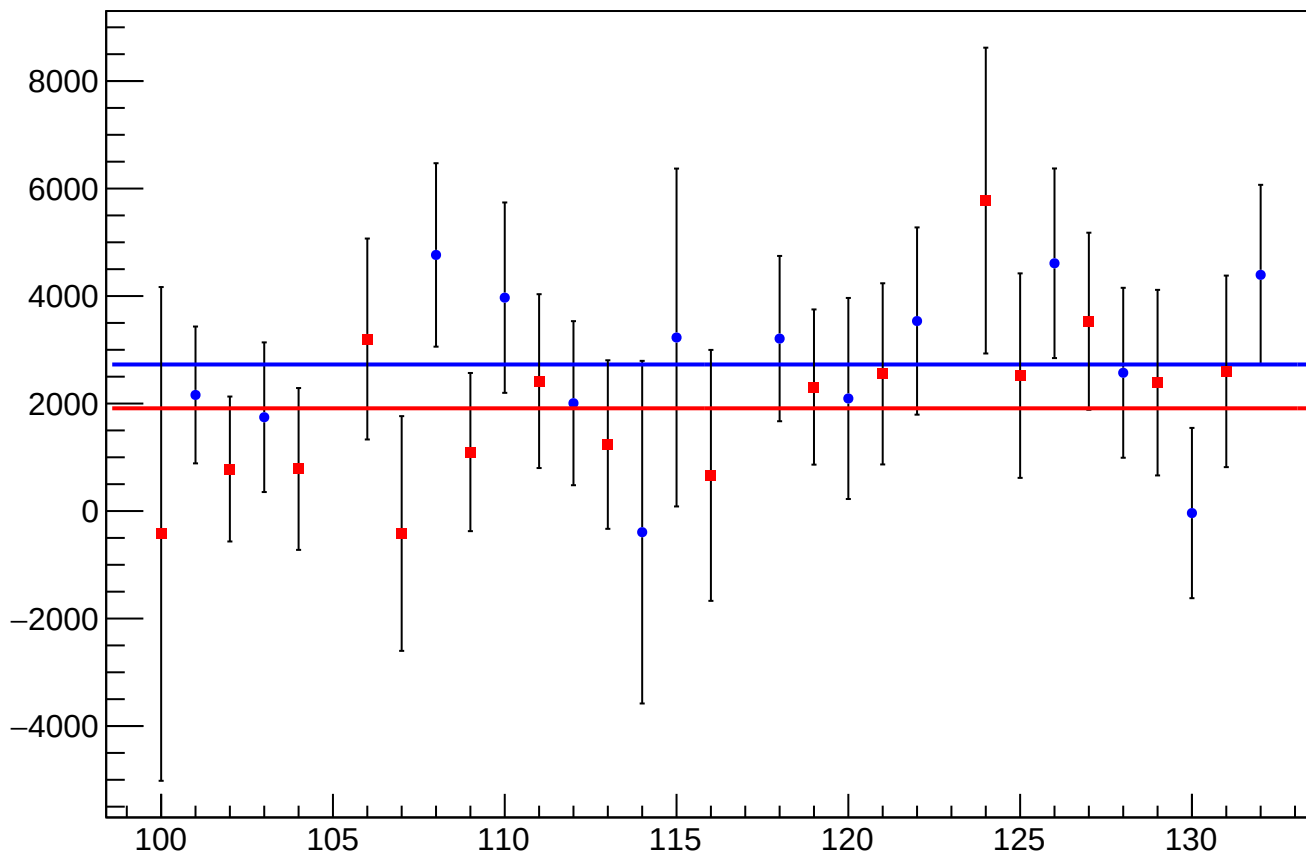
Right: 1687.060+/-0.348 χ^2/NDF : 961355.2/29

In: 1649.124+/-0.493 χ^2/NDF : 635334.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1687.060+/-0.348 χ^2/NDF : 961355.2/29

overload_cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2726.843+/-449.961 χ^2/NDF : 9.4/13

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

Right Out: 1911.439+/-437.685 χ^2/NDF : 7.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

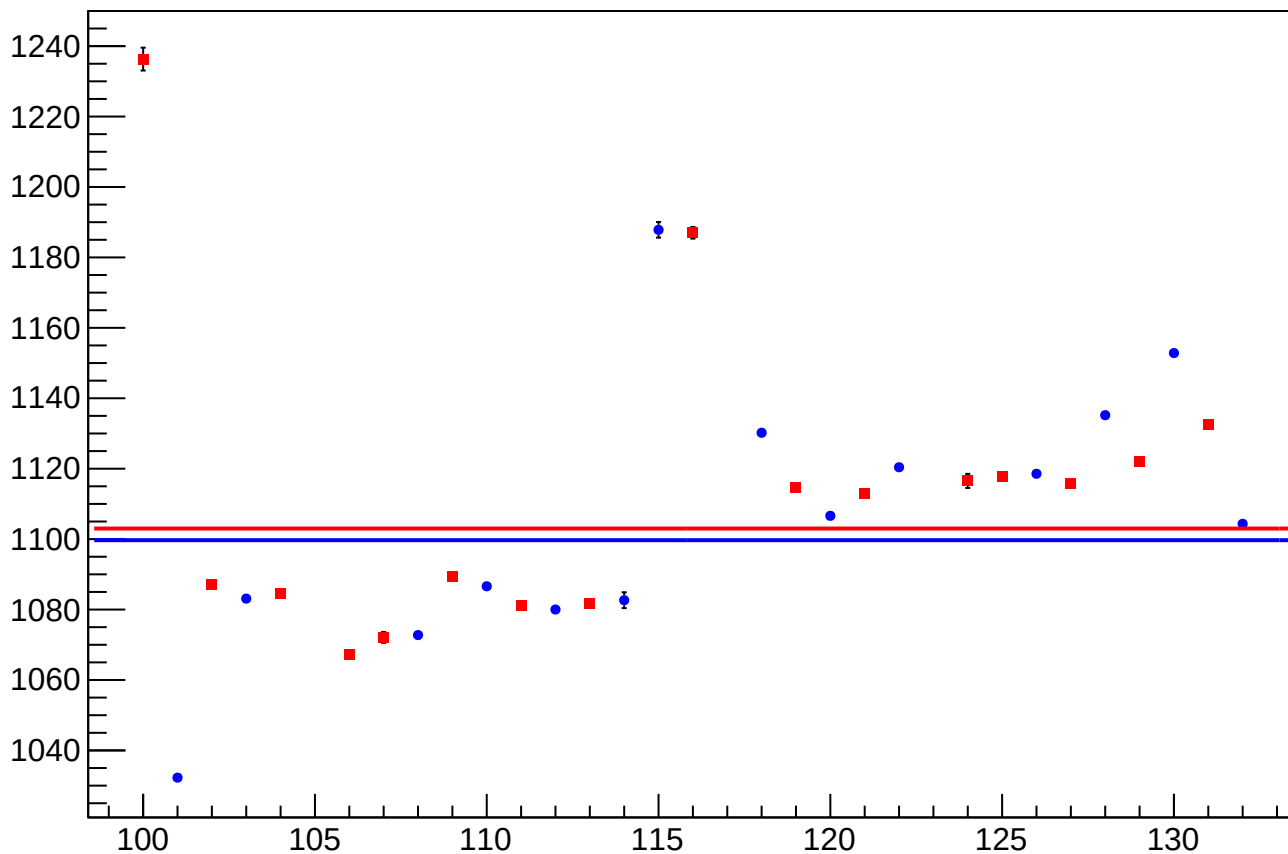
Right: 2307.866+/-313.740 χ^2/NDF : 18.5/29

In: 2726.843+/-449.961 χ^2/NDF : 9.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2307.866+/-313.740 χ^2/NDF : 18.5/29

overload_cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1099.700+/-0.318 χ^2/NDF : 13065.7/13

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

Right Out: 1103.011+/-0.309 χ^2/NDF : 8165.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

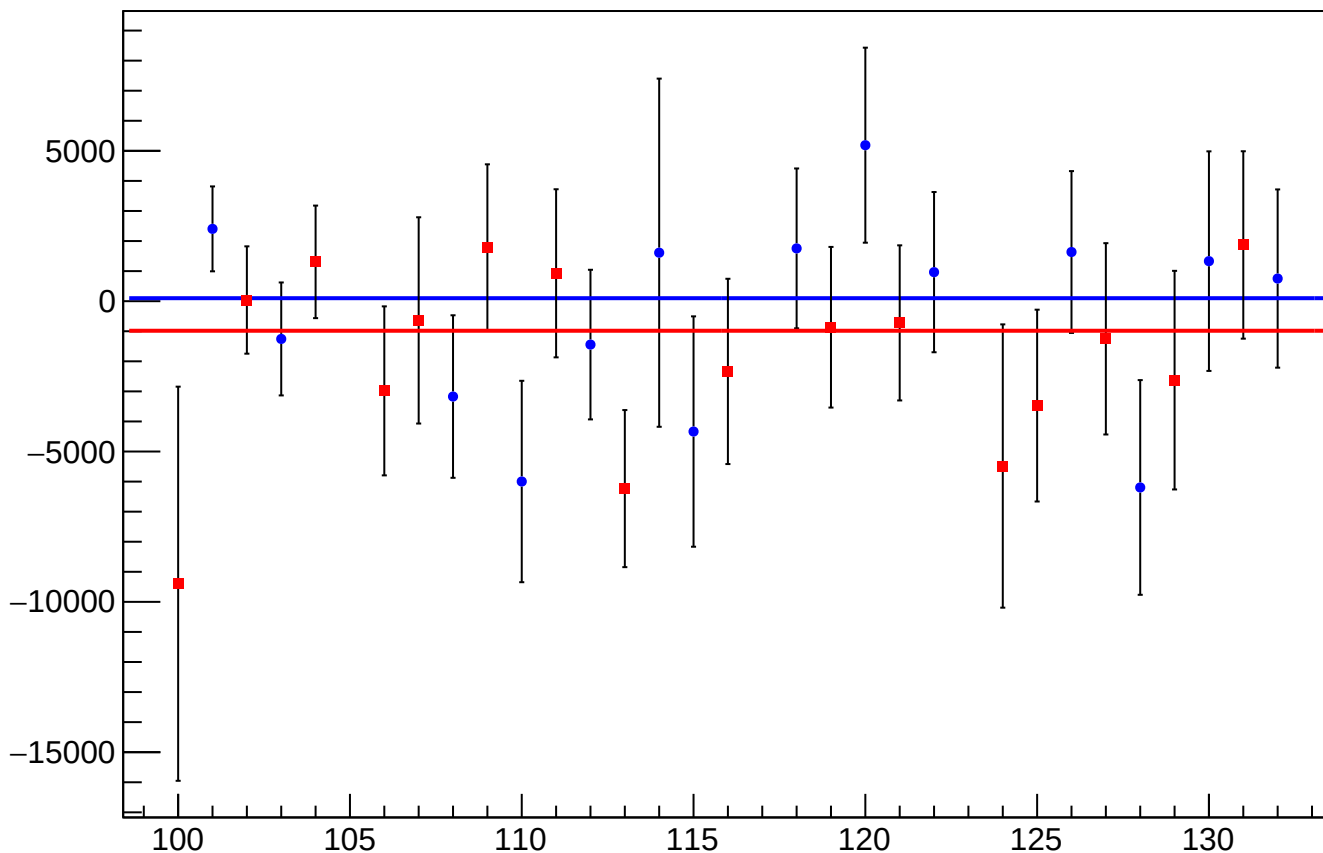
Right: 1101.401+/-0.222 χ^2/NDF : 21287.1/29

In: 1099.700+/-0.318 χ^2/NDF : 13065.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1101.401+/-0.222 χ^2/NDF : 21287.1/29

asym_usr_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 99.544+/-697.852 χ^2/NDF : 16.3/13

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

Right Out: -983.308+/-697.448 χ^2/NDF : 12.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

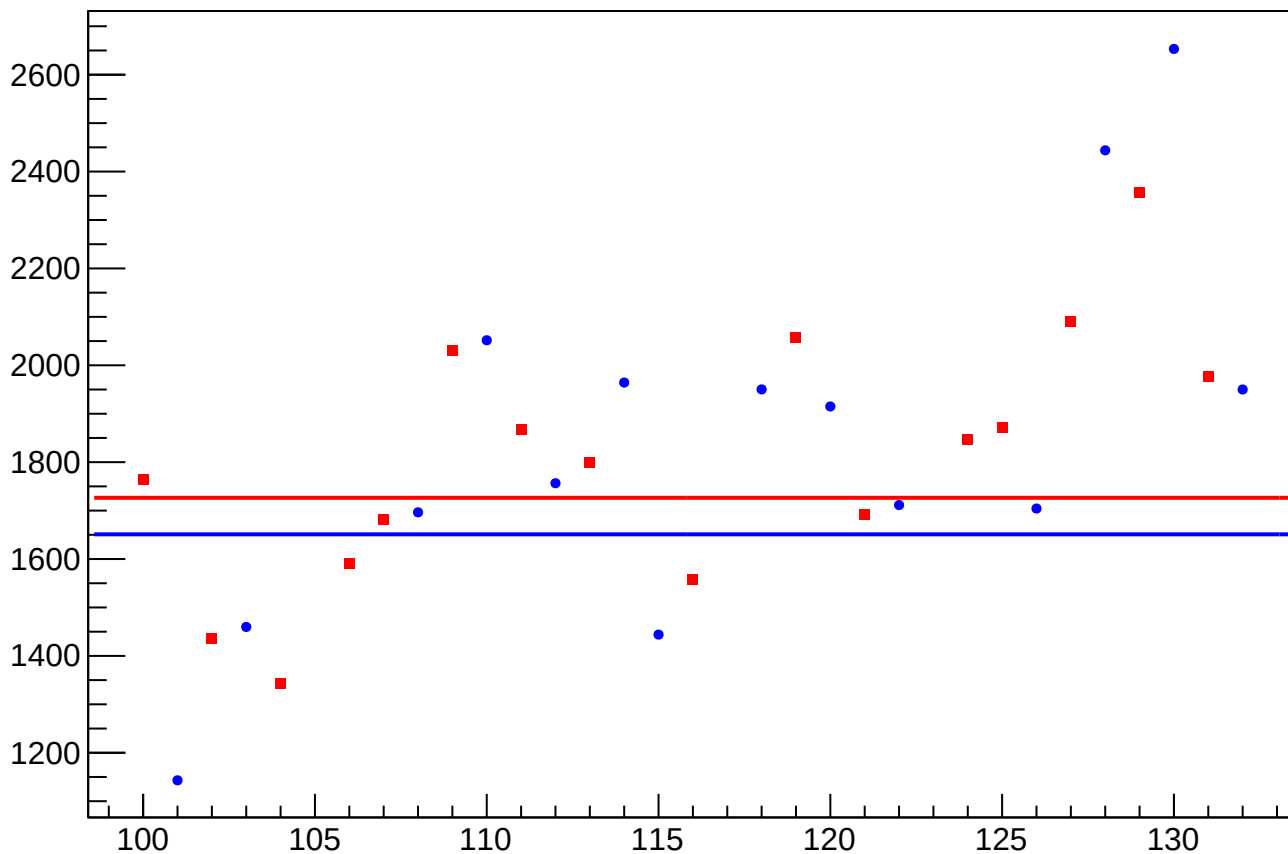
Right: -442.195+/-493.313 χ^2/NDF : 29.8/29

In: 99.544+/-697.852 χ^2/NDF : 16.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -442.195+/-493.313 χ^2/NDF : 29.8/29

asym_usr_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 1651.005+/-0.493 χ^2/NDF : 634066.1/13

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

Right Out: 1726.415+/-0.493 χ^2/NDF : 314401.2/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

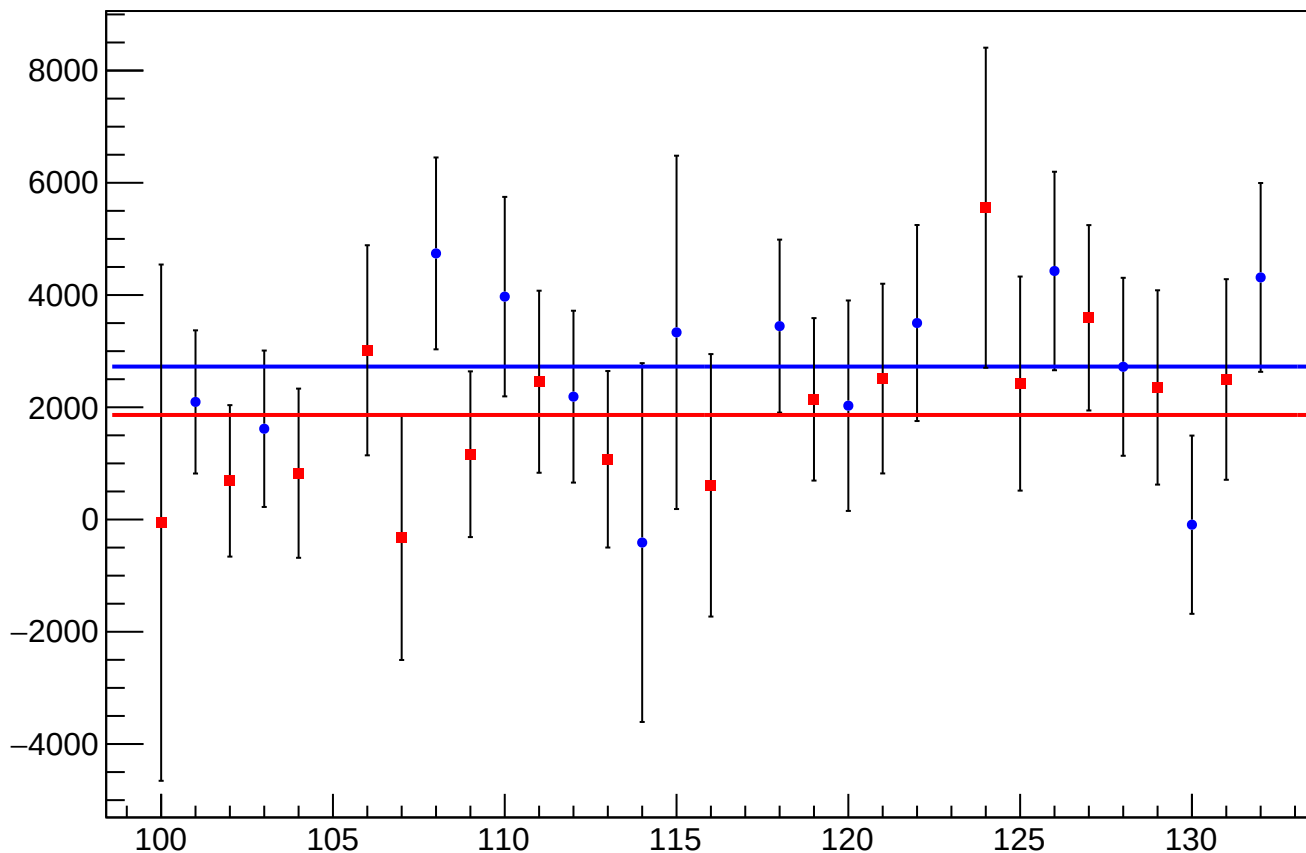
Right: 1688.732+/-0.349 χ^2/NDF : 960151.2/29

In: 1651.005+/-0.493 χ^2/NDF : 634066.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1688.732+/-0.349 χ^2/NDF : 960151.2/29

eigen_cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2725.337 $\pm$ 451.074 χ^2 /NDF: 9.4/13

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

Right Out: 1863.154 $\pm$ 438.702 χ^2 /NDF: 6.9/15

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

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

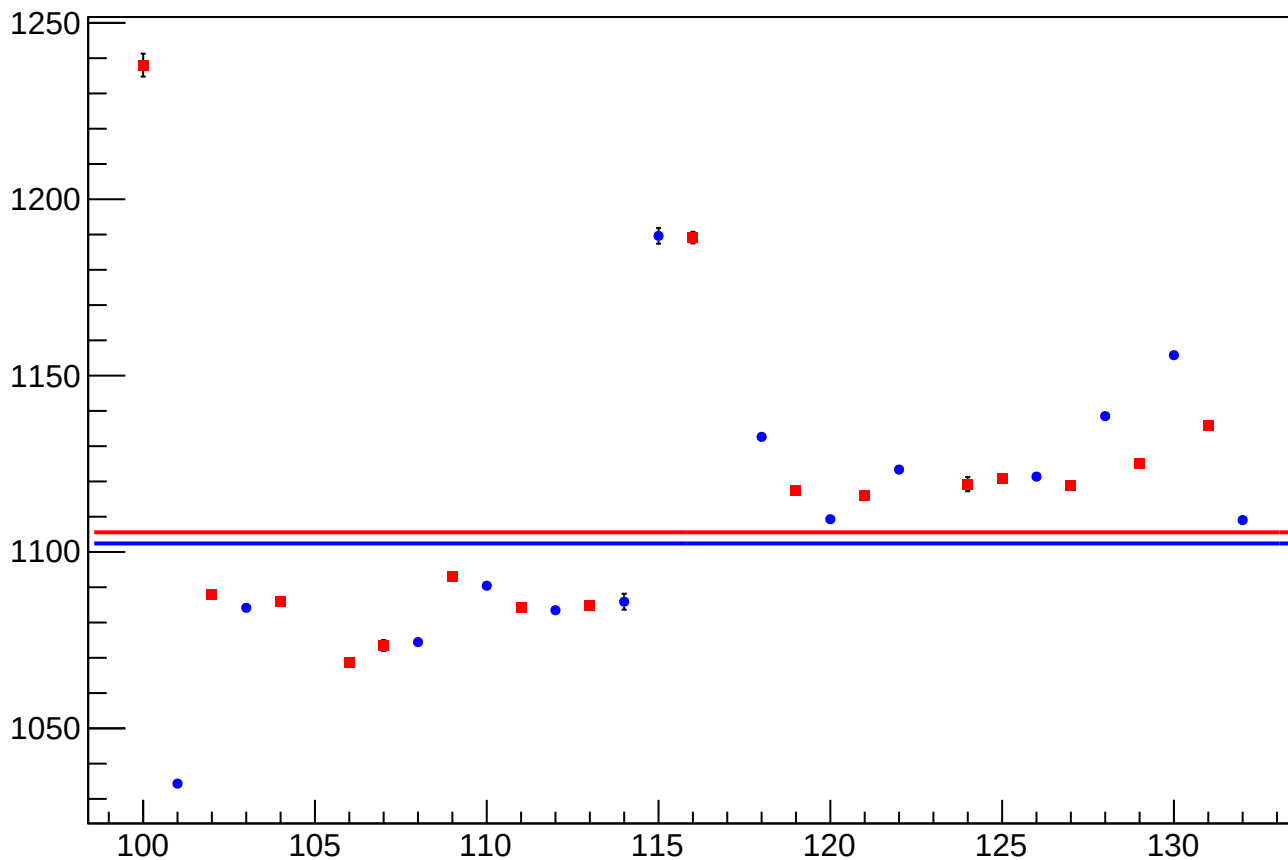
Right: 2282.260 $\pm$ 314.492 χ^2 /NDF: 18.2/29

In: 2725.337 $\pm$ 451.074 χ^2 /NDF:9.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2282.260 $\pm$ 314.492 χ^2 /NDF: 18.2/29

eigen_cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1102.416+/-0.319 χ^2/NDF : 13201.5/13

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

Right Out: 1105.571+/-0.310 χ^2/NDF : 8280.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

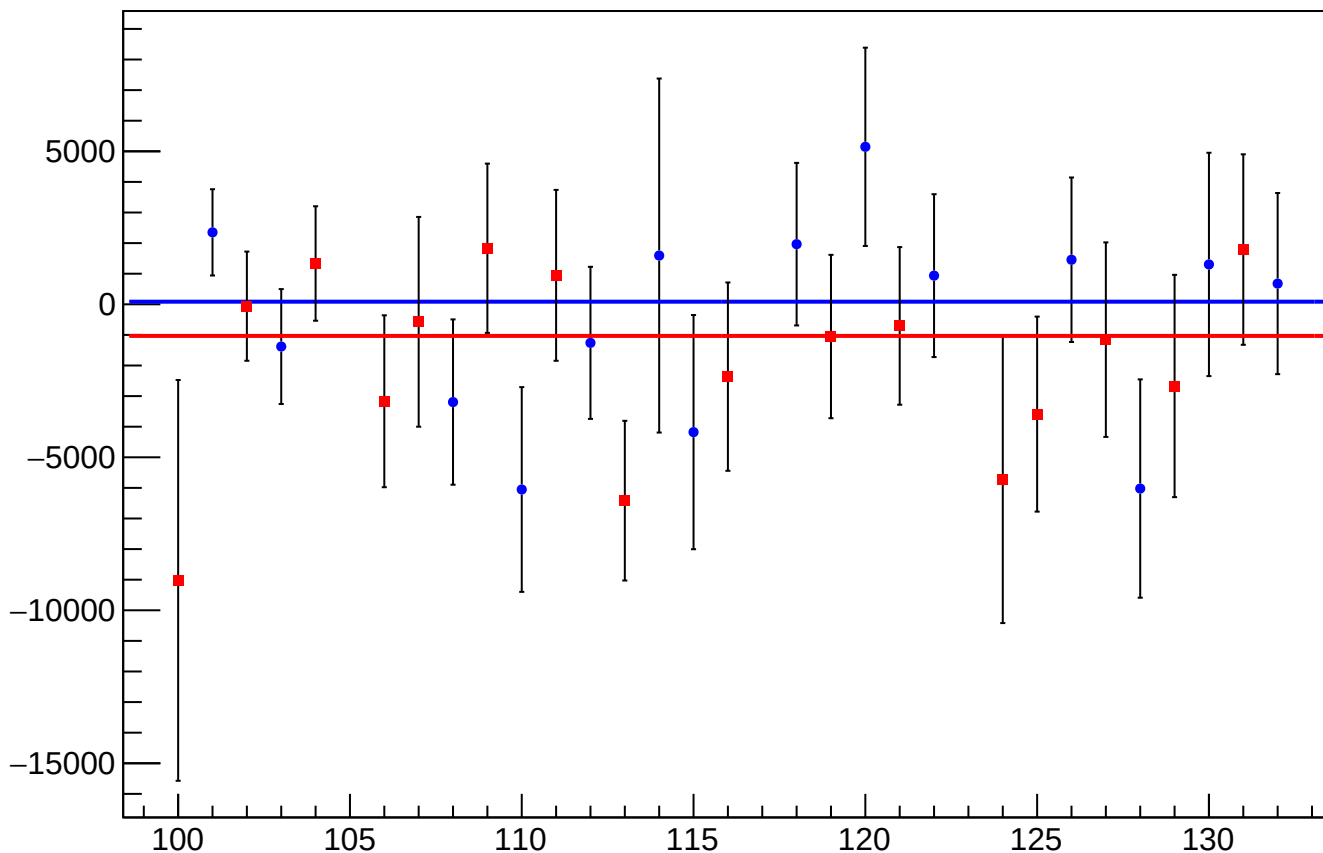
Right: 1104.037+/-0.222 χ^2/NDF : 21532.3/29

In: 1102.416+/-0.319 χ^2/NDF : 13201.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1104.037+/-0.222 χ^2/NDF : 21532.3/29

asym_usr_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 85.651+/-697.105 χ^2/NDF : 16.0/13

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

Right Out: -1032.839+/-696.866 χ^2/NDF : 12.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

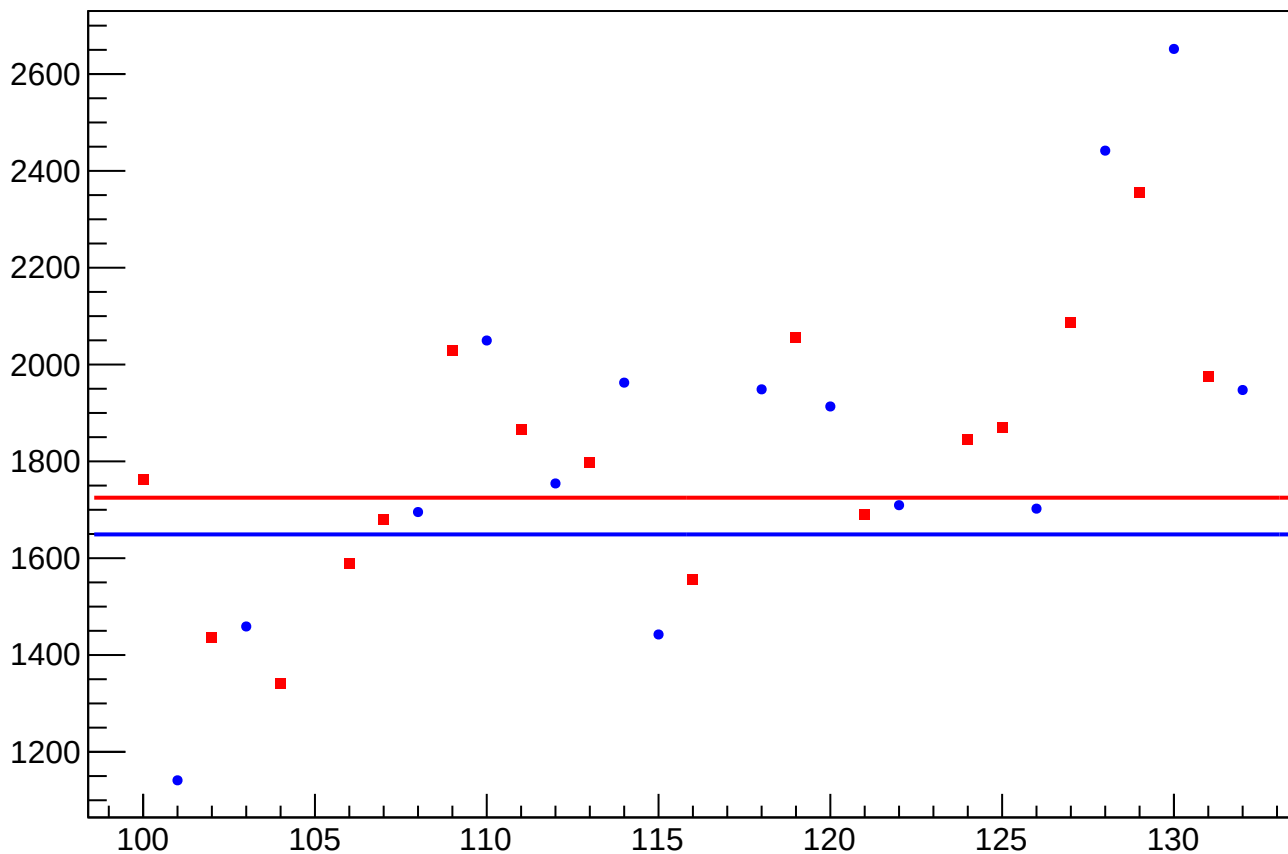
Right: -473.786+/-492.843 χ^2/NDF : 30.0/29

In: 85.651+/-697.105 χ^2/NDF : 16.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -473.786+/-492.843 χ^2/NDF : 30.0/29

asym_usr_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1649.124+/-0.493 χ^2/NDF : 635334.1/13

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

Right Out: 1724.970+/-0.493 χ^2/NDF : 314179.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

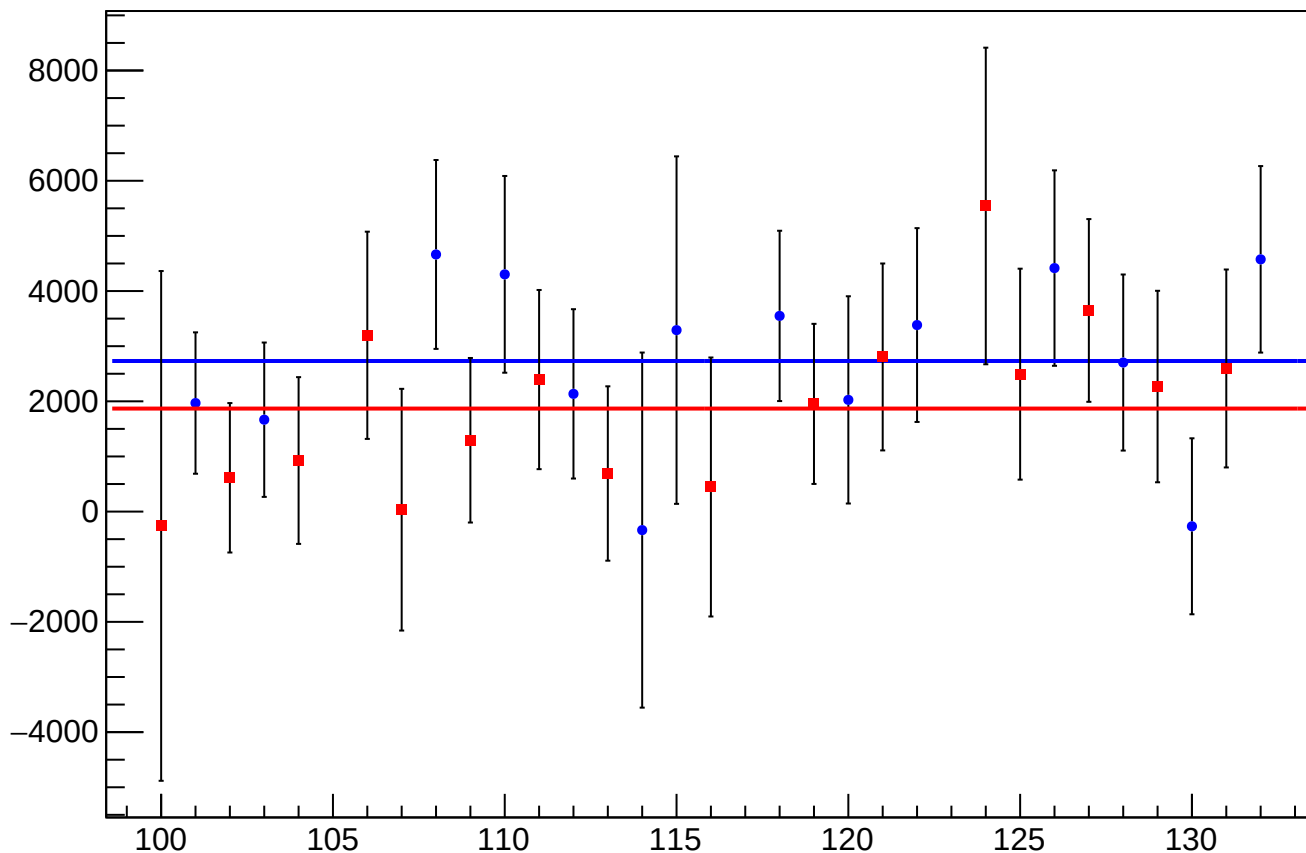
Right: 1687.060+/-0.348 χ^2/NDF : 961355.2/29

In: 1649.124+/-0.493 χ^2/NDF : 635334.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1687.060+/-0.348 χ^2/NDF : 961355.2/29

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2731.300+/-452.974 χ^2/NDF : 10.3/13

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

Right Out: 1868.534+/-440.559 χ^2/NDF : 7.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

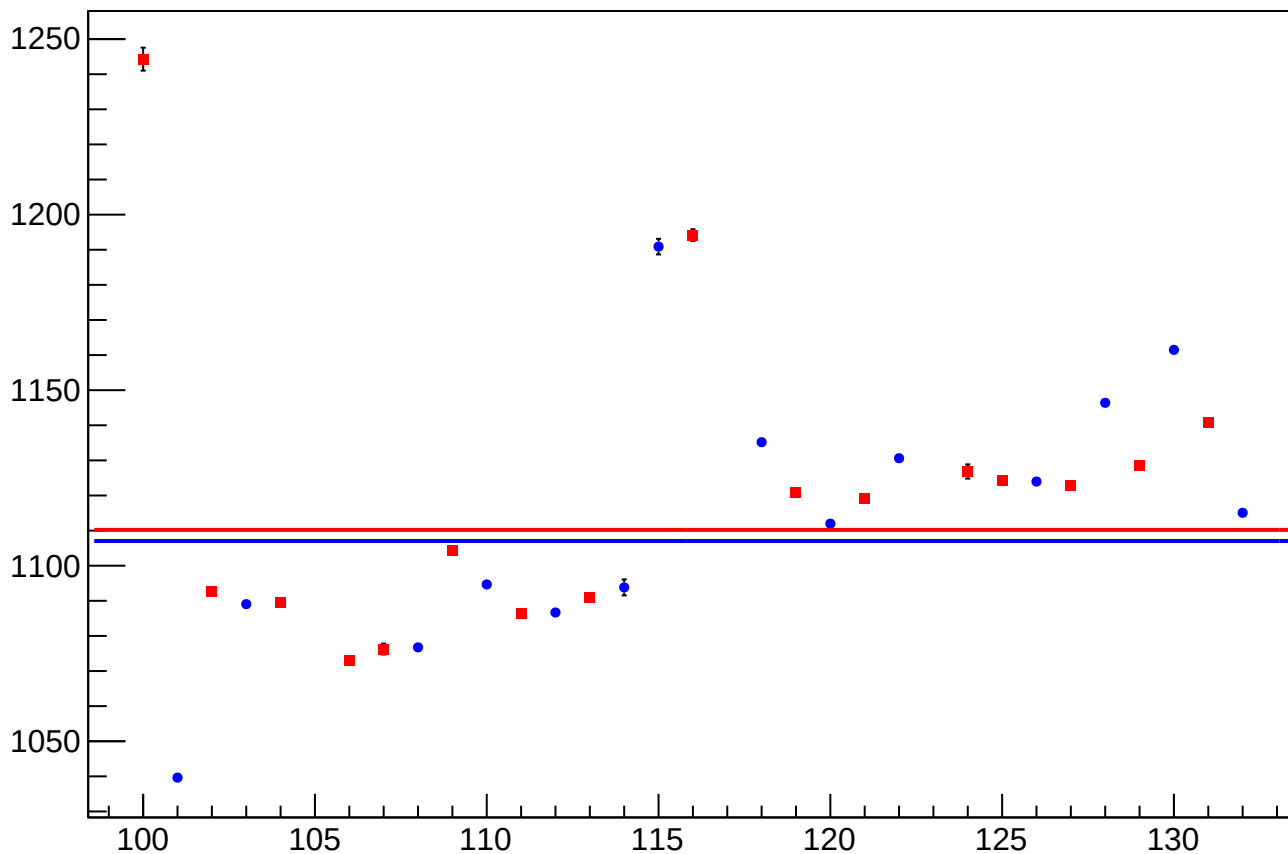
Right: 2287.932+/-315.820 χ^2/NDF : 19.4/29

In: 2731.300+/-452.974 χ^2/NDF : 10.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2287.932+/-315.820 χ^2/NDF : 19.4/29

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1107.038+/-0.320 χ^2/NDF : 13189.3/13

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

Right Out: 1110.205+/-0.312 χ^2/NDF : 8243.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

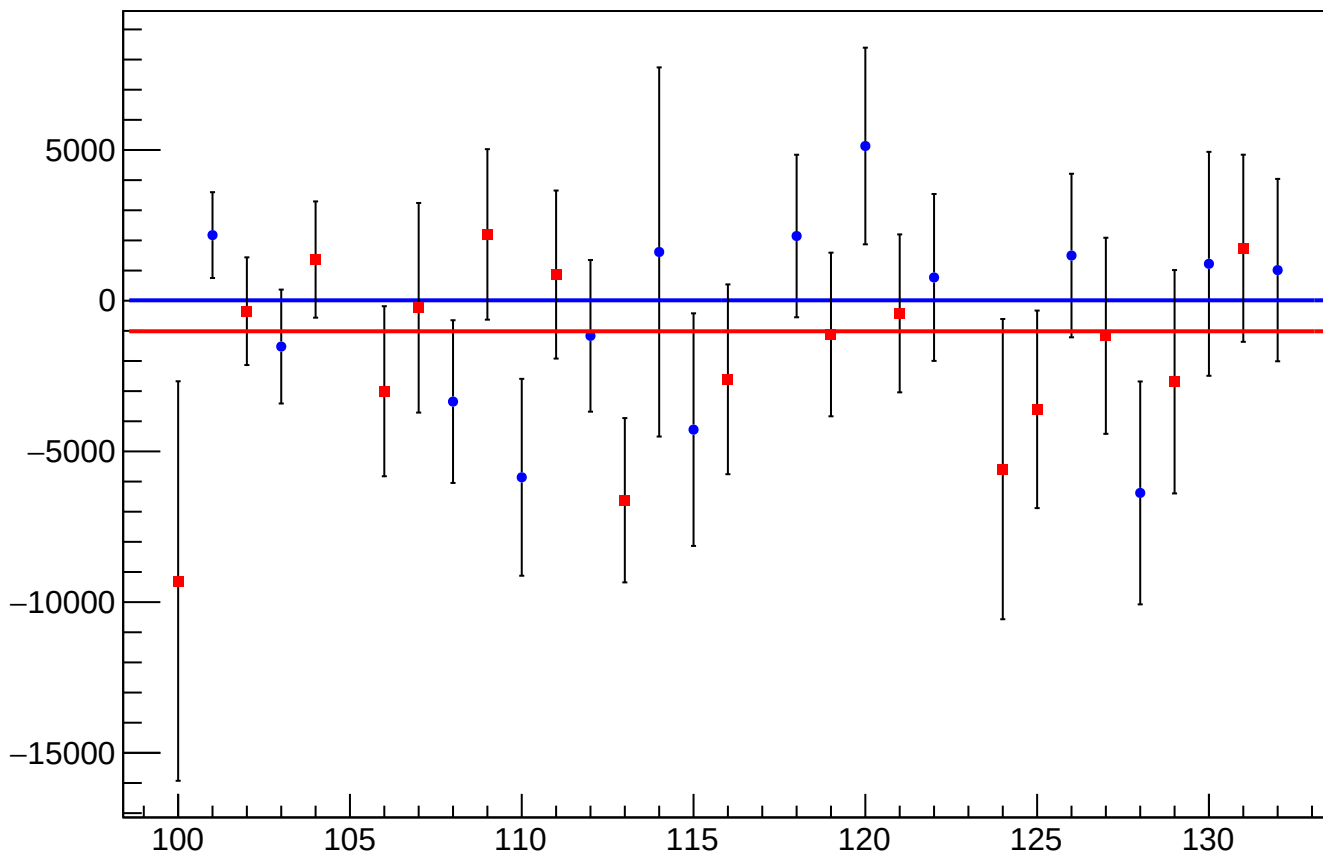
Right: 1108.665+/-0.223 χ^2/NDF : 21482.9/29

In: 1107.038+/-0.320 χ^2/NDF : 13189.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1108.665+/-0.223 χ^2/NDF : 21482.9/29

asym_usr_dit_correction_mean vs Slug, Sign Corrected



Right In: 12.829+/-705.503 χ^2/NDF : 15.9/13

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

Right Out: -1014.432+/-709.128 χ^2/NDF : 12.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

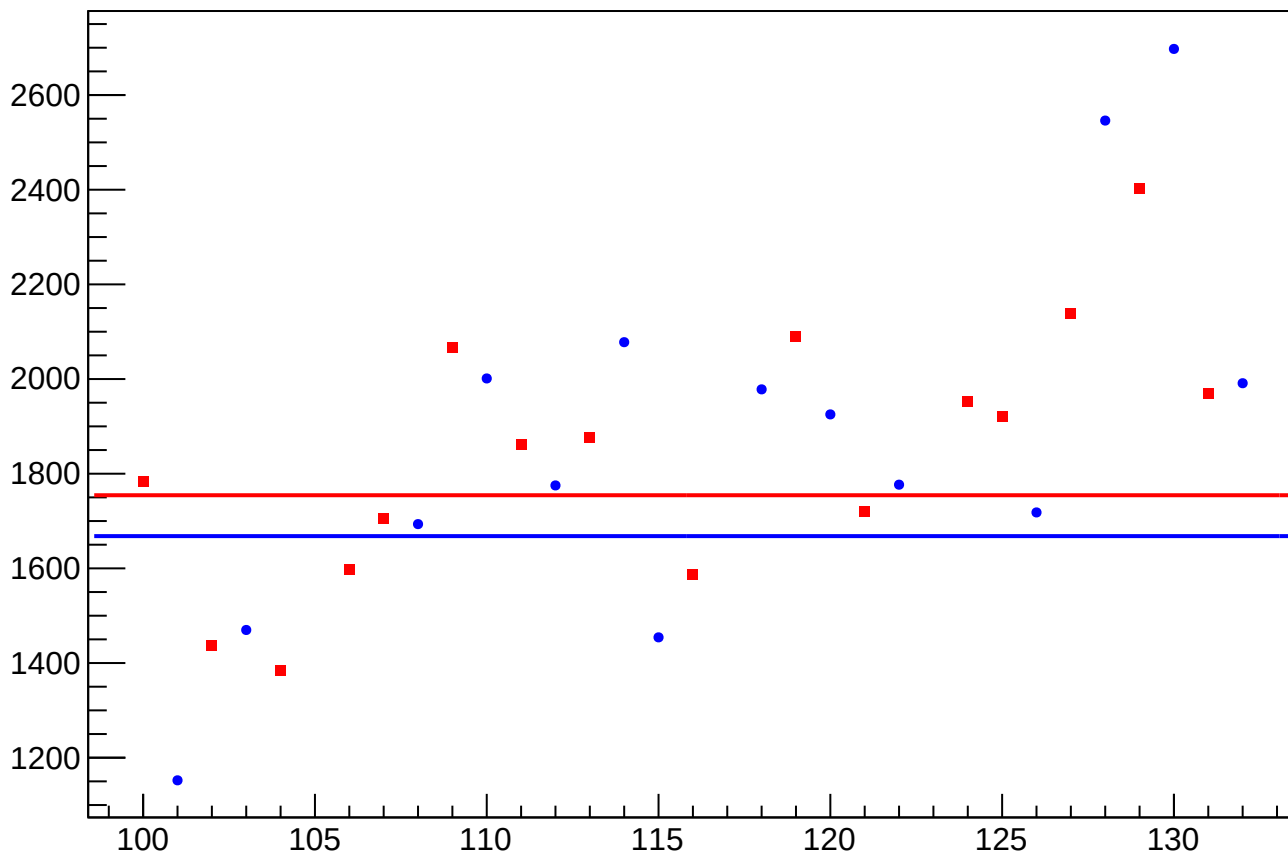
Right: -498.169+/-500.142 χ^2/NDF : 29.5/29

In: 12.829+/-705.503 χ^2/NDF : 15.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -498.169+/-500.142 χ^2/NDF : 29.5/29

asym_usr_dit_correction_rms vs Slug, Sign Corrected



Right In: 1668.144+/-0.499 χ^2/NDF : 656165.9/13

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

Right Out: 1754.517+/-0.501 χ^2/NDF : 318410.2/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

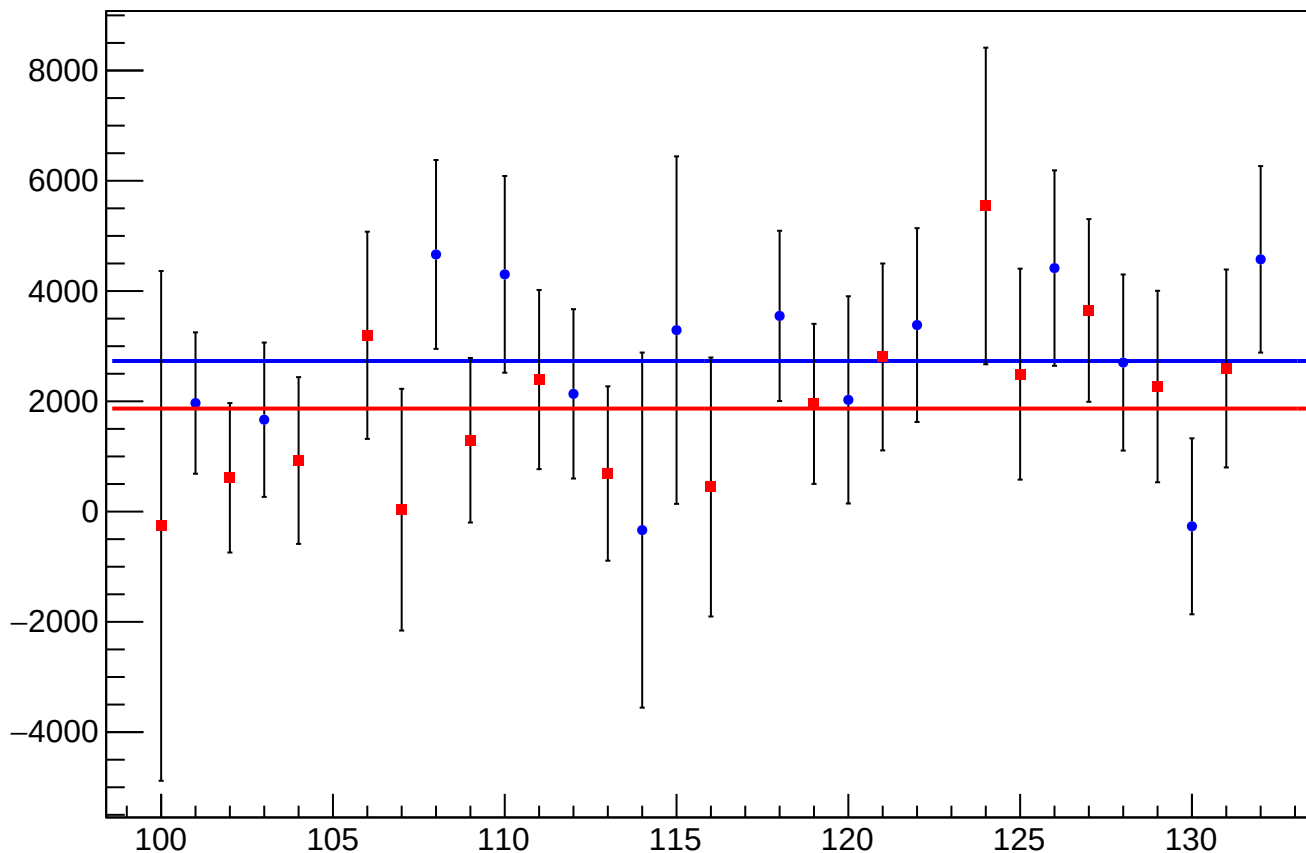
Right: 1711.109+/-0.354 χ^2/NDF : 989487.9/29

In: 1668.144+/-0.499 χ^2/NDF : 656165.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1711.109+/-0.354 χ^2/NDF : 989487.9/29

eigen_dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2731.303+/-452.974 χ^2/NDF : 10.3/13

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

Right Out: 1868.538+/-440.559 χ^2/NDF : 7.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

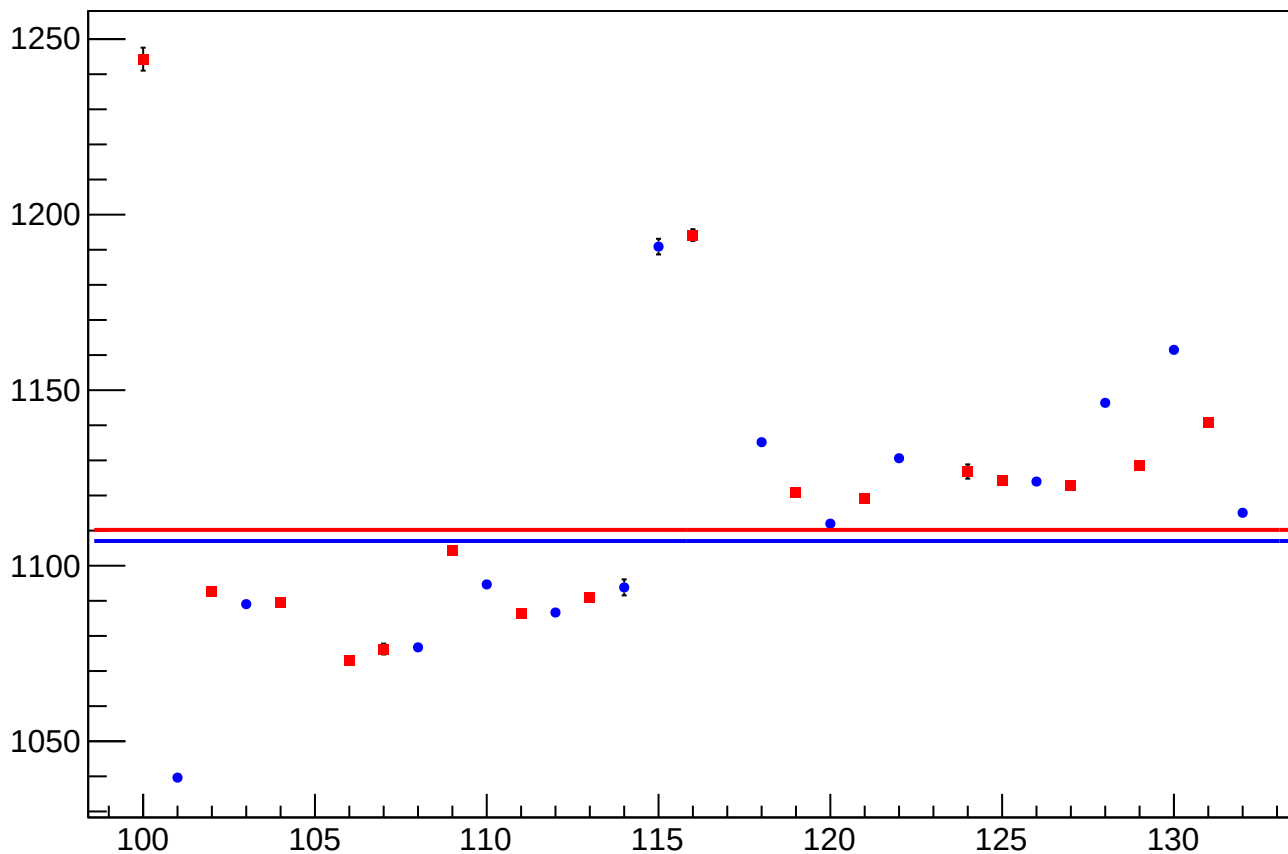
Right: 2287.935+/-315.820 χ^2/NDF : 19.4/29

In: 2731.303+/-452.974 χ^2/NDF : 10.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2287.935+/-315.820 χ^2/NDF : 19.4/29

eigen_dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1107.037+/-0.320 χ^2/NDF : 13189.1/13

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

Right Out: 1110.205+/-0.312 χ^2/NDF : 8243.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

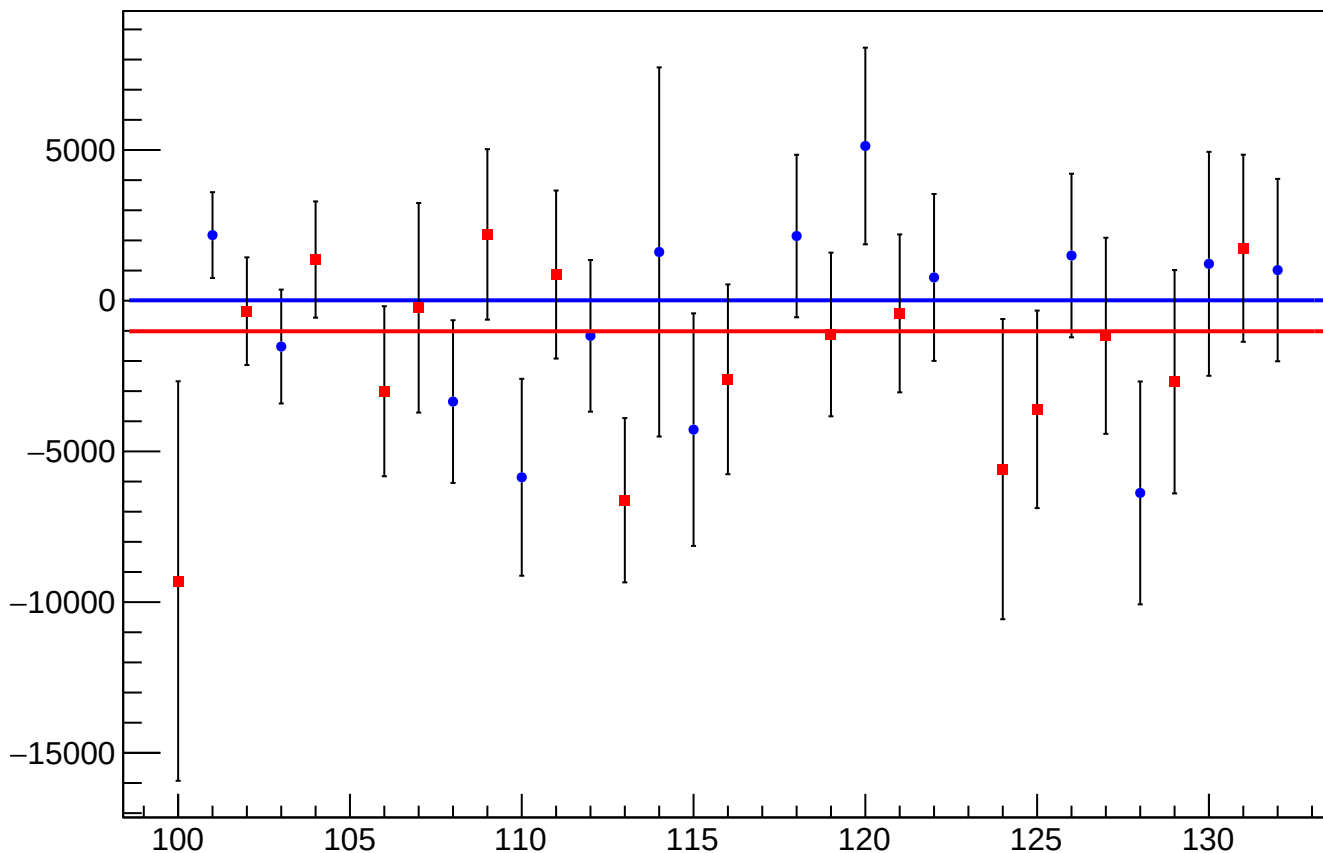
Right: 1108.665+/-0.223 χ^2/NDF : 21482.8/29

In: 1107.037+/-0.320 χ^2/NDF : 13189.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1108.665+/-0.223 χ^2/NDF : 21482.8/29

asym_usr_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 12.829+/-705.501 χ^2/NDF : 15.9/13

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

Right Out: -1014.434+/-709.127 χ^2/NDF : 12.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

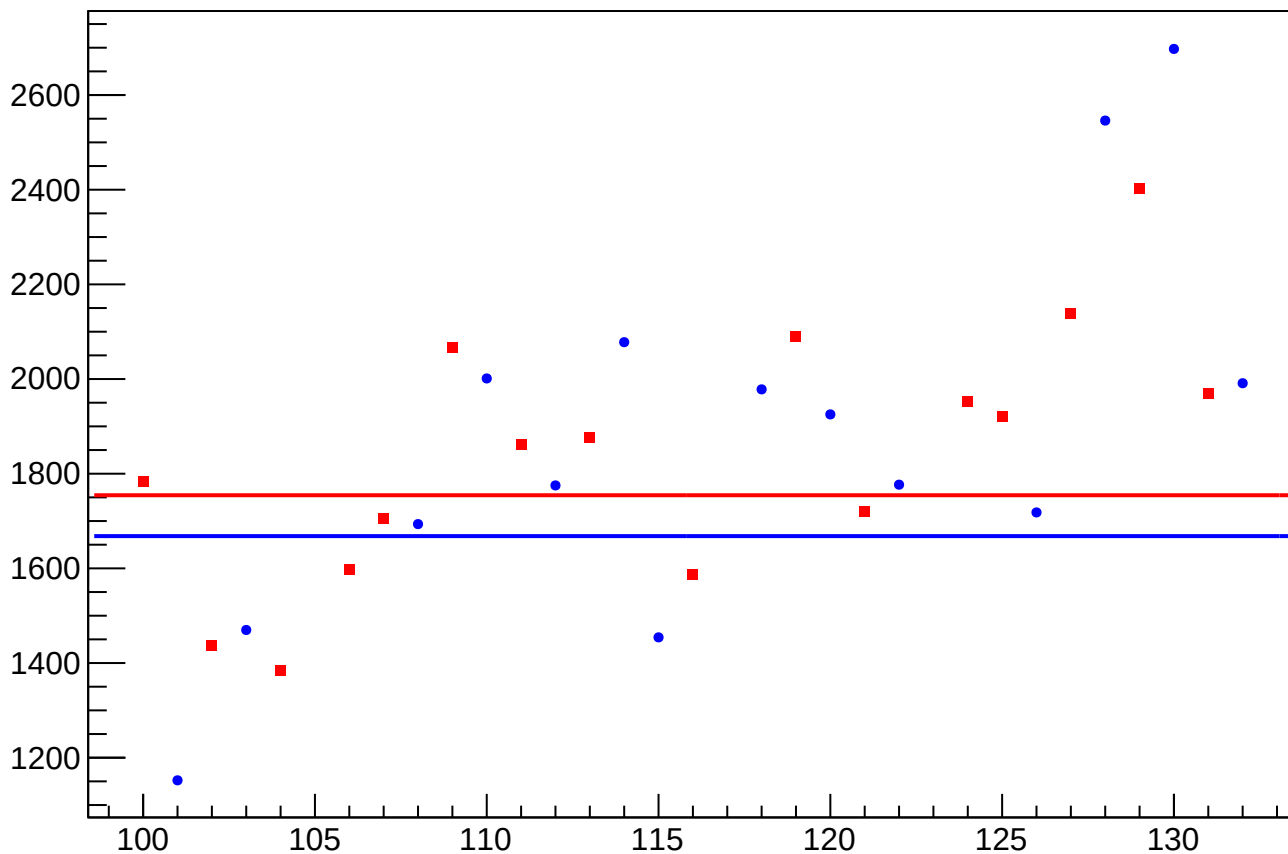
Right: -498.170+/-500.141 χ^2/NDF : 29.5/29

In: 12.829+/-705.501 χ^2/NDF : 15.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -498.170+/-500.141 χ^2/NDF : 29.5/29

asym_usr_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1668.141+/-0.499 χ^2/NDF : 656154.8/13

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

Right Out: 1754.515+/-0.501 χ^2/NDF : 318399.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

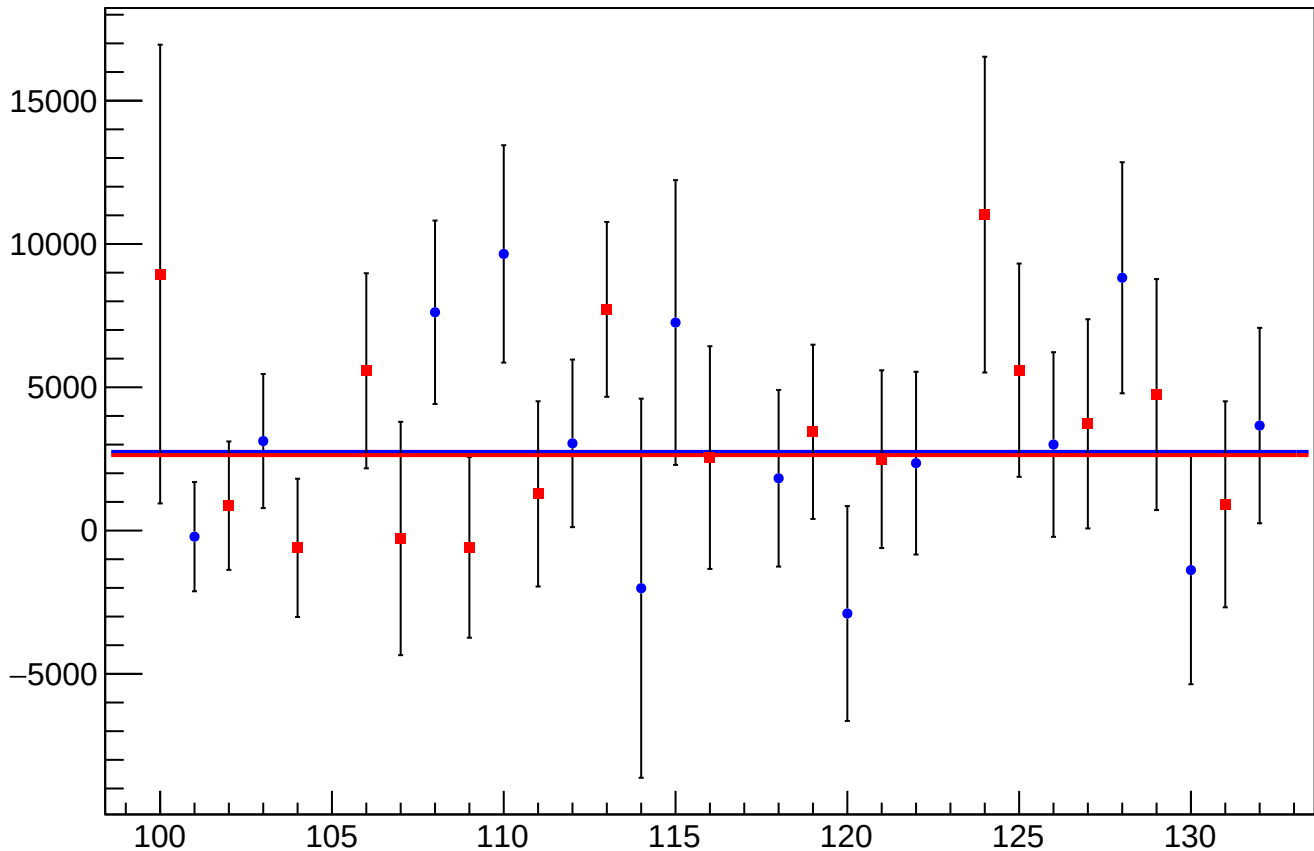
Right: 1711.107+/-0.354 χ^2/NDF : 989466.7/29

In: 1668.141+/-0.499 χ^2/NDF : 656154.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1711.107+/-0.354 χ^2/NDF : 989466.7/29

asym_usr_mean vs Slug, Sign Corrected



Right In: 2745.626+/-849.021 χ^2/NDF : 15.2/13

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

Right Out: 2633.409+/-834.926 χ^2/NDF : 11.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

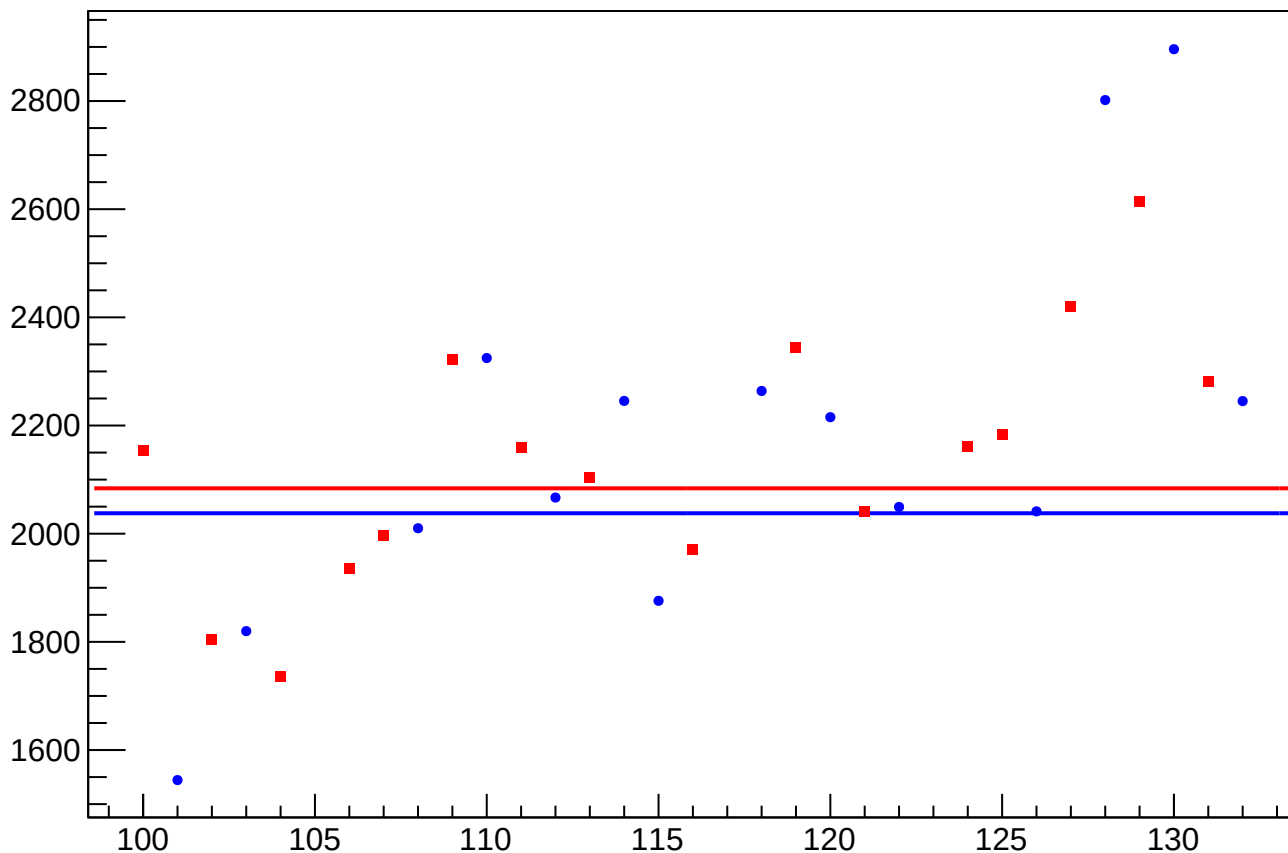
Right: 2688.578+/-595.303 χ^2/NDF : 27.1/29

In: 2745.626+/-849.021 χ^2/NDF : 15.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2688.578+/-595.303 χ^2/NDF : 27.1/29

asym_usr_rms vs Slug, Sign Corrected



Right In: 2037.788 $\pm$ 0.600 χ^2 /NDF: 354613.0/13

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

Right Out: 2083.911 $\pm$ 0.590 χ^2 /NDF: 166474.9/15

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

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

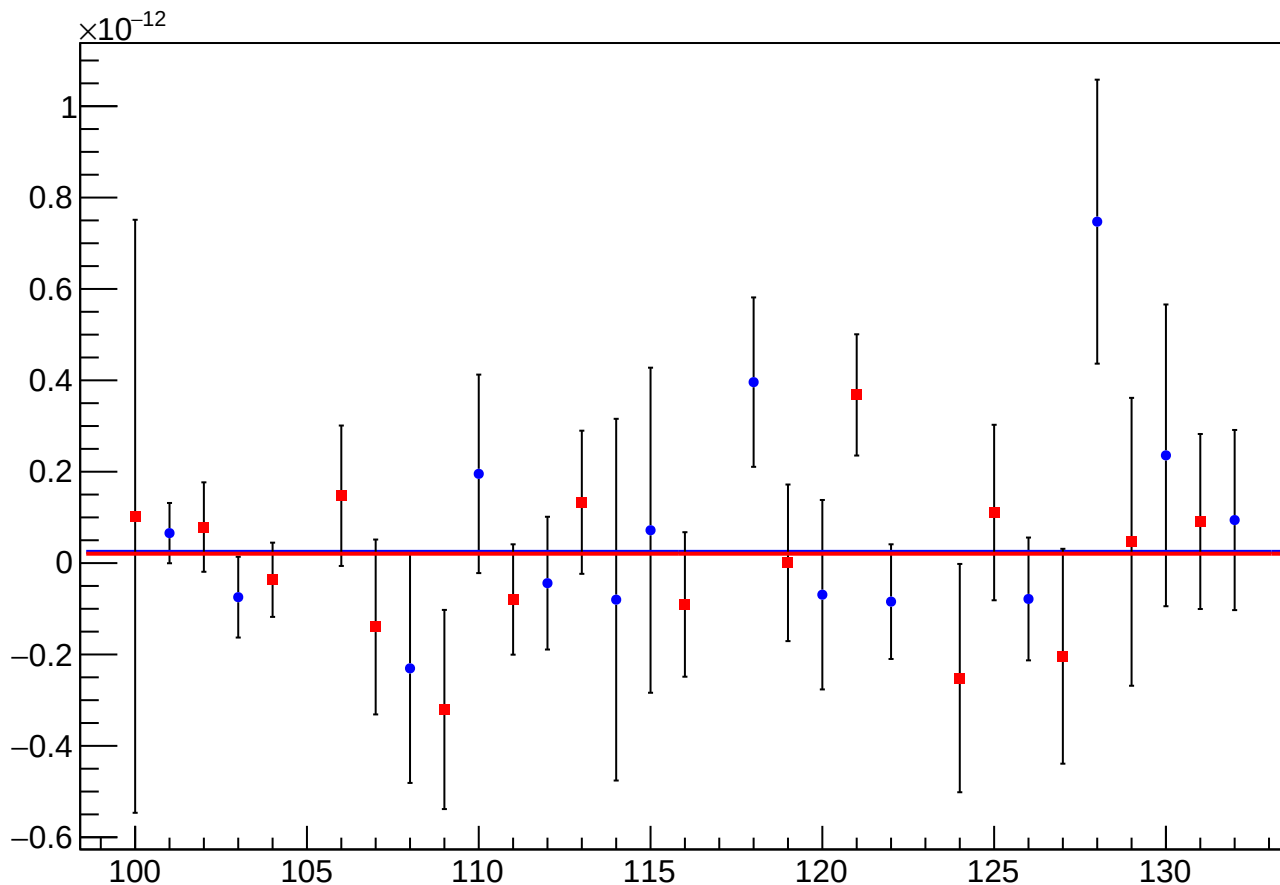
Right: 2061.236 $\pm$ 0.421 χ^2 /NDF: 524088.5/29

In: 2037.788 $\pm$ 0.600 χ^2 /NDF:354613.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2061.236 $\pm$ 0.421 χ^2 /NDF: 524088.5/29

asym_usr_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.1/13

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

Right Out: 0.000+/-0.000 χ^2/NDF : 15.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

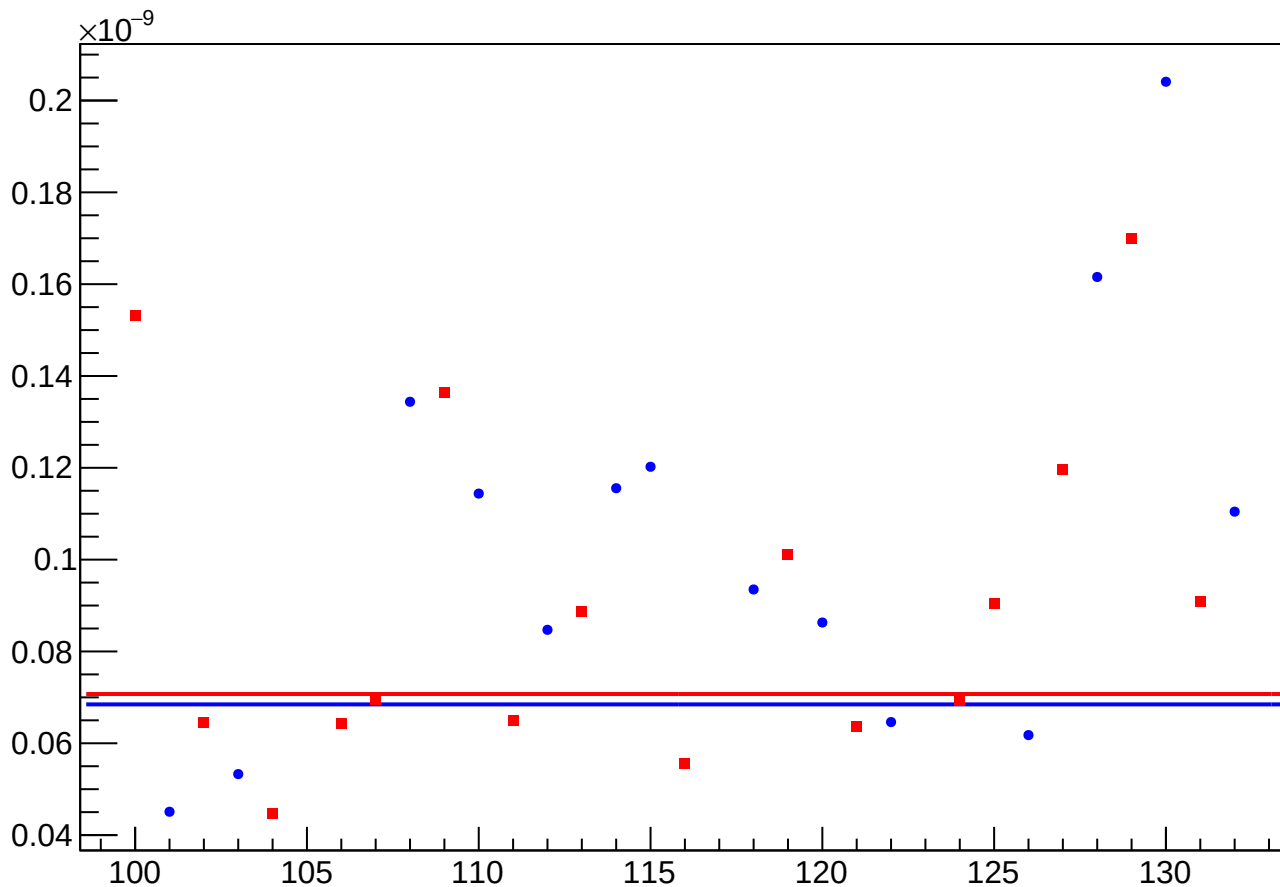
Right: 0.000+/-0.000 χ^2/NDF : 30.8/29

In: 0.000+/-0.000 χ^2/NDF : 15.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.8/29

asym_usr_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1299138.1/13

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

Right Out: 0.000+/-0.000 χ^2/NDF : 877471.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

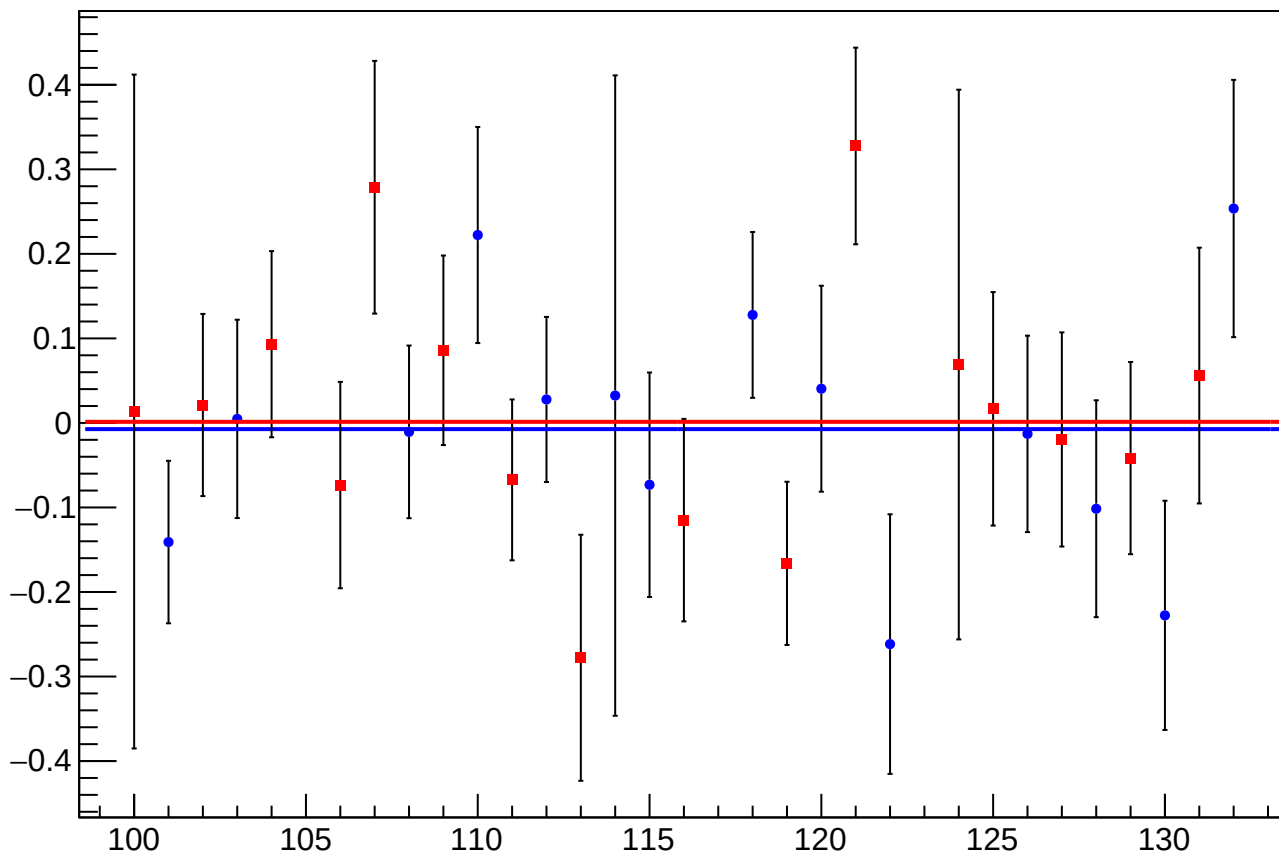
Right: 0.000+/-0.000 χ^2/NDF : 2180079.2/29

In: 0.000+/-0.000 χ^2/NDF : 1299138.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2180079.2/29

asym_usr_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.032 χ^2/NDF : 16.5/13

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

Right Out: 0.001 ± 0.031 χ^2/NDF : 21.5/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

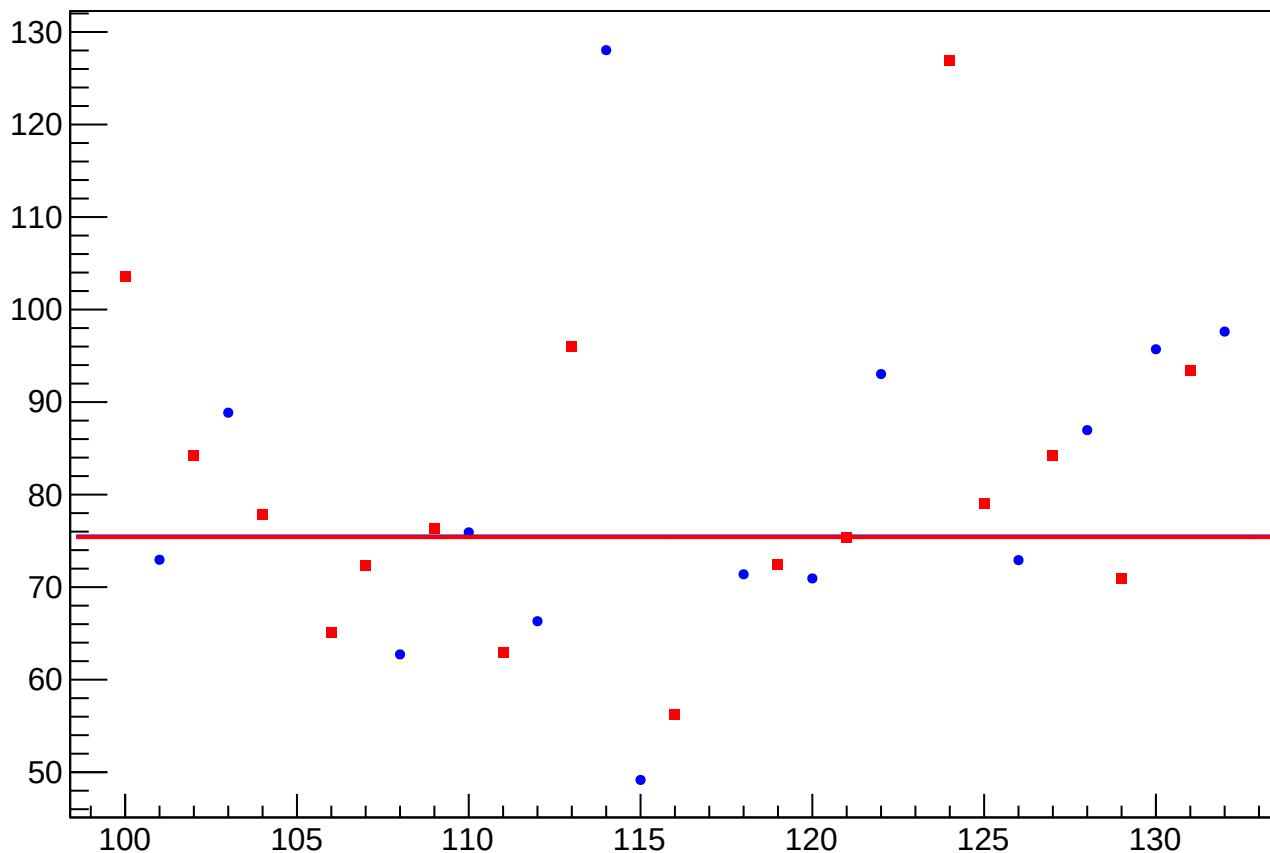
Right: -0.003 ± 0.023 χ^2/NDF : 38.0/29

In: -0.007 ± 0.032 χ^2/NDF : 16.5/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.003 ± 0.023 χ^2/NDF : 38.0/29

asym_usr_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 75.474+/-0.023 χ^2/NDF : 329455.3/13

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

Right Out: 75.404+/-0.022 χ^2/NDF : 260147.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

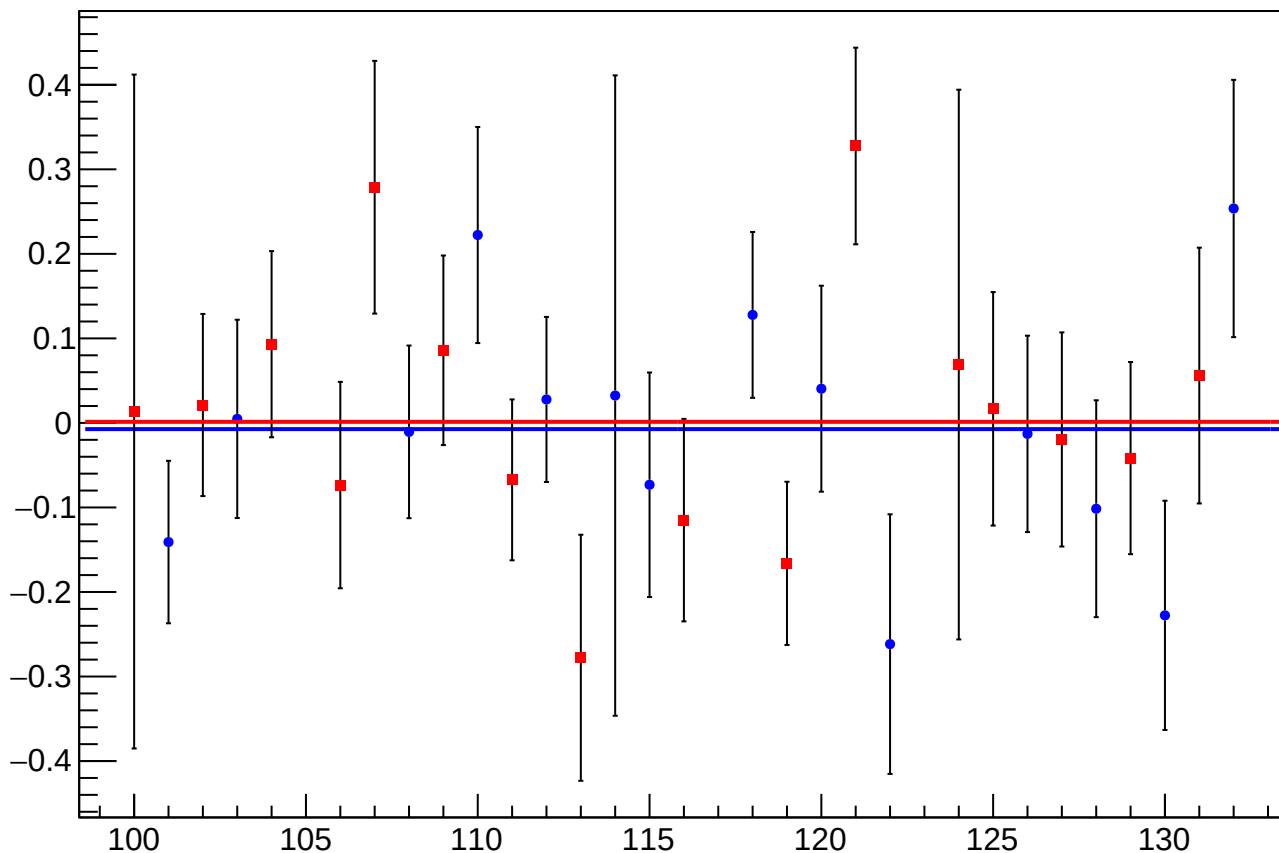
Right: 75.438+/-0.016 χ^2/NDF : 589607.2/29

In: 75.474+/-0.023 χ^2/NDF : 329455.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.438+/-0.016 χ^2/NDF : 589607.2/29

asym_usr_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.032 χ^2/NDF : 16.5/13

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

Right Out: 0.001 ± 0.031 χ^2/NDF : 21.5/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

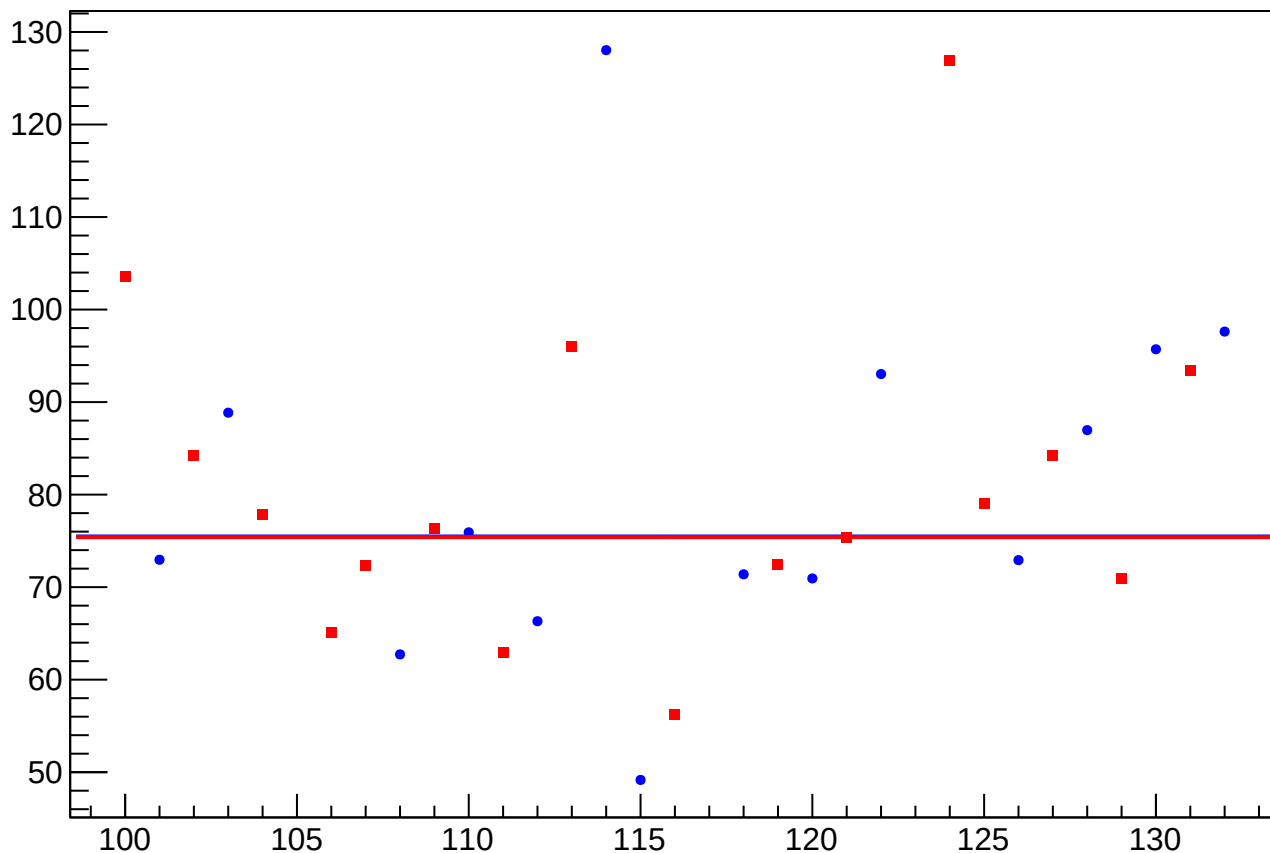
Right: -0.003 ± 0.023 χ^2/NDF : 38.0/29

In: -0.007 ± 0.032 χ^2/NDF : 16.5/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.003 ± 0.023 χ^2/NDF : 38.0/29

asym_usr_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 75.474+/-0.023 χ^2/NDF : 329455.3/13

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

Right Out: 75.404+/-0.022 χ^2/NDF : 260147.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

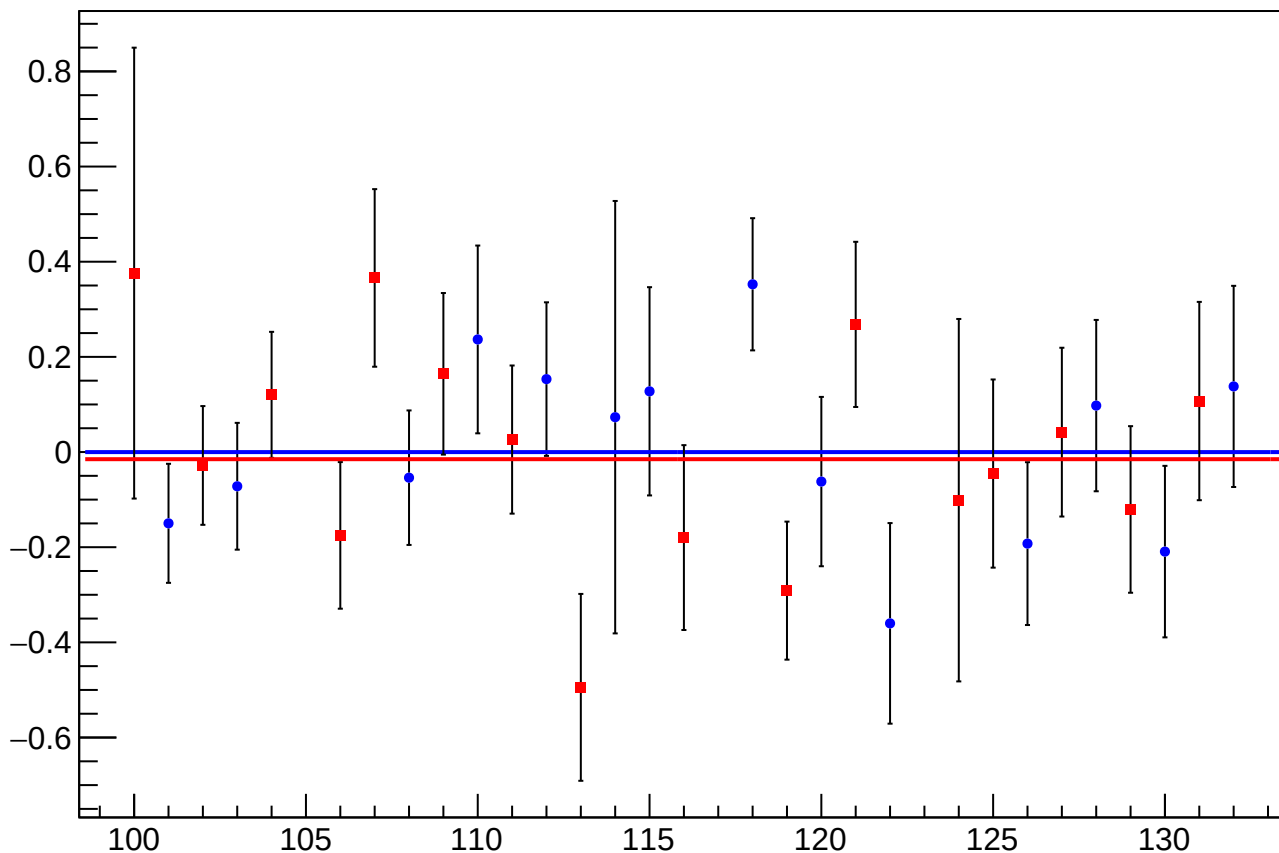
Right: 75.438+/-0.016 χ^2/NDF : 589607.2/29

In: 75.474+/-0.023 χ^2/NDF : 329455.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.438+/-0.016 χ^2/NDF : 589607.2/29

asym_usr_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.045 $\chi^2/\text{NDF}: 17.4/13$

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

Right Out: -0.015 ± 0.044 $\chi^2/\text{NDF}: 22.0/15$

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

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

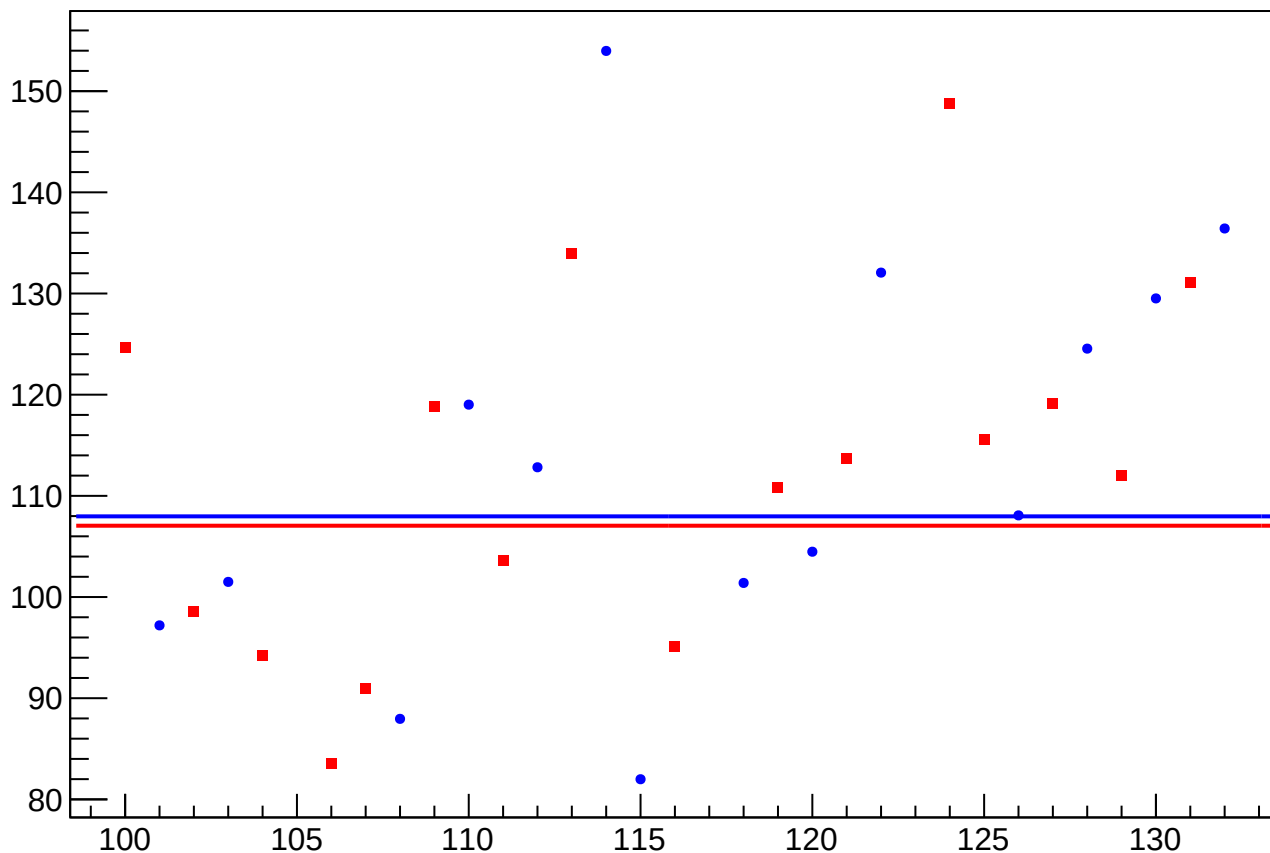
Right: -0.008 ± 0.031 $\chi^2/\text{NDF}: 39.5/29$

In: -0.000 ± 0.045 $\chi^2/\text{NDF}: 17.4/13$

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

All: -0.008 ± 0.031 $\chi^2/\text{NDF}: 39.5/29$

asym_usr_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 107.974 $\pm$ 0.032 χ^2 /NDF: 229556.6/13

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

Right Out: 107.048 $\pm$ 0.031 χ^2 /NDF: 217833.2/15

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

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

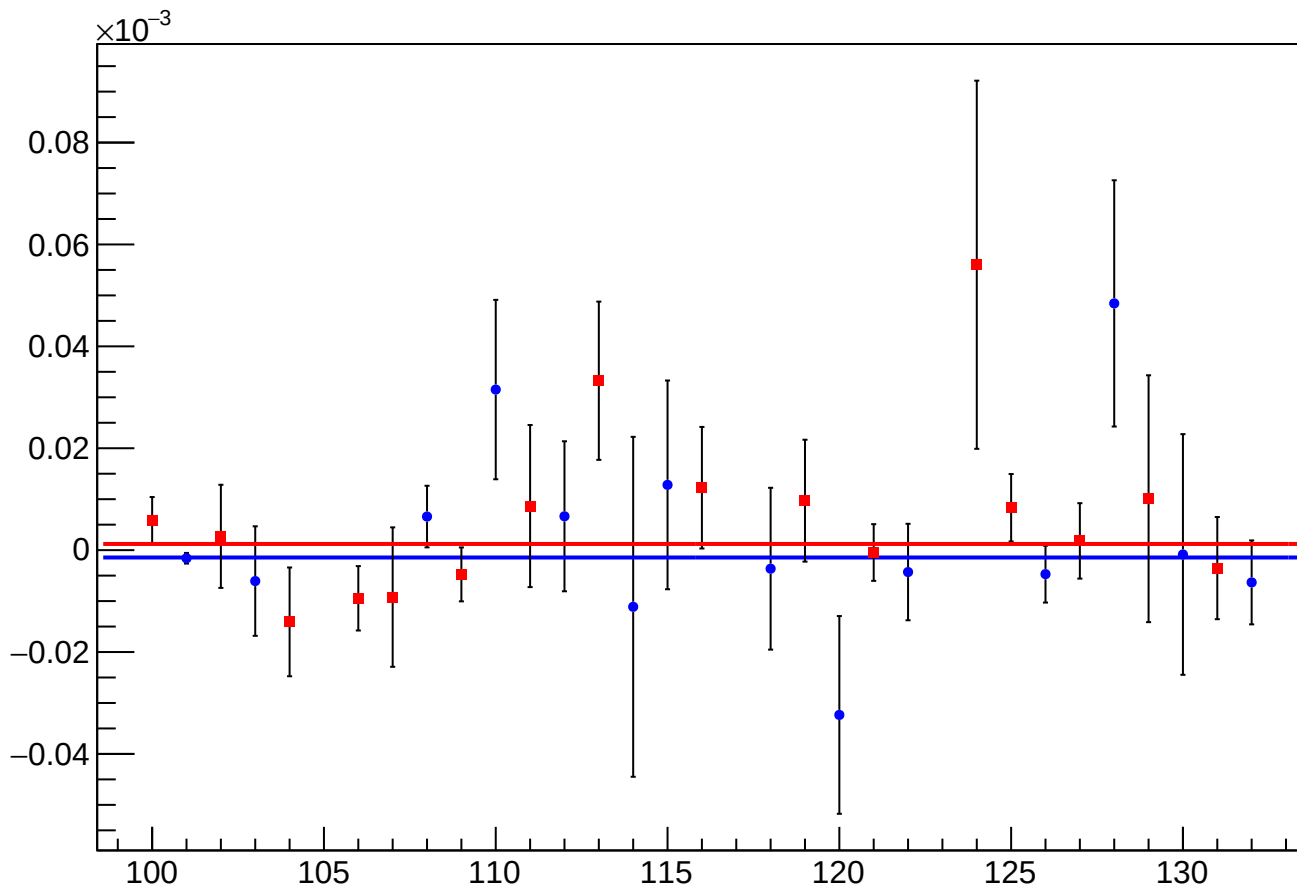
Right: 107.492 $\pm$ 0.022 χ^2 /NDF: 447821.4/29

In: 107.974 $\pm$ 0.032 χ^2 /NDF:229556.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 107.492 $\pm$ 0.022 χ^2 /NDF: 447821.4/29

asym_usr_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 13.9/13

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

Right Out: 0.000+/-0.000 χ^2 /NDF: 17.6/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

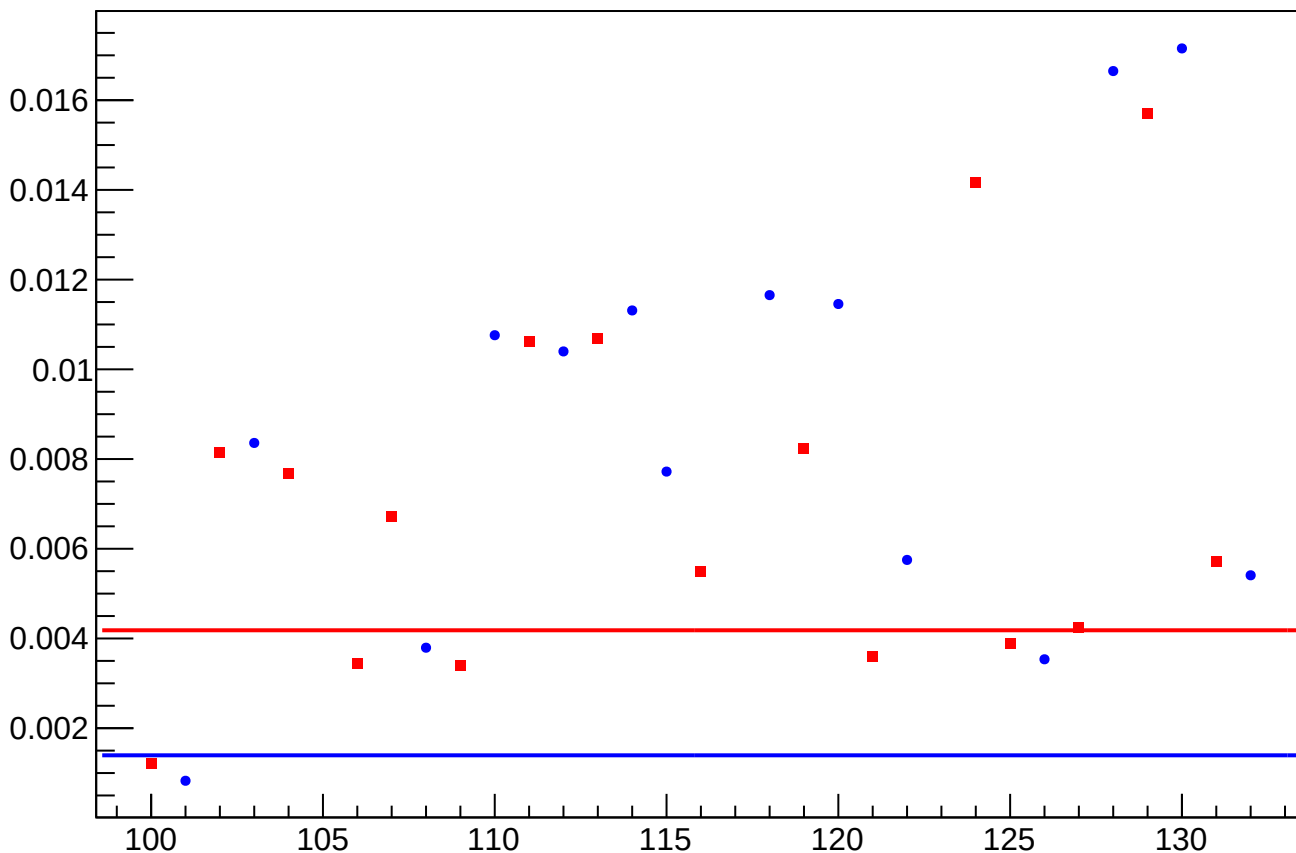
Right: -0.000+/-0.000 χ^2 /NDF: 32.9/29

In: -0.000+/-0.000 χ^2 /NDF:13.9/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 32.9/29

asym_usr_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000

χ^2/NDF : 7676345.6/13

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000

χ^2/NDF : 3126493.9/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.002+/-0.000

χ^2/NDF : 13840269.6/29

In: 0.001+/-0.000

χ^2/NDF : 7676345.6/13

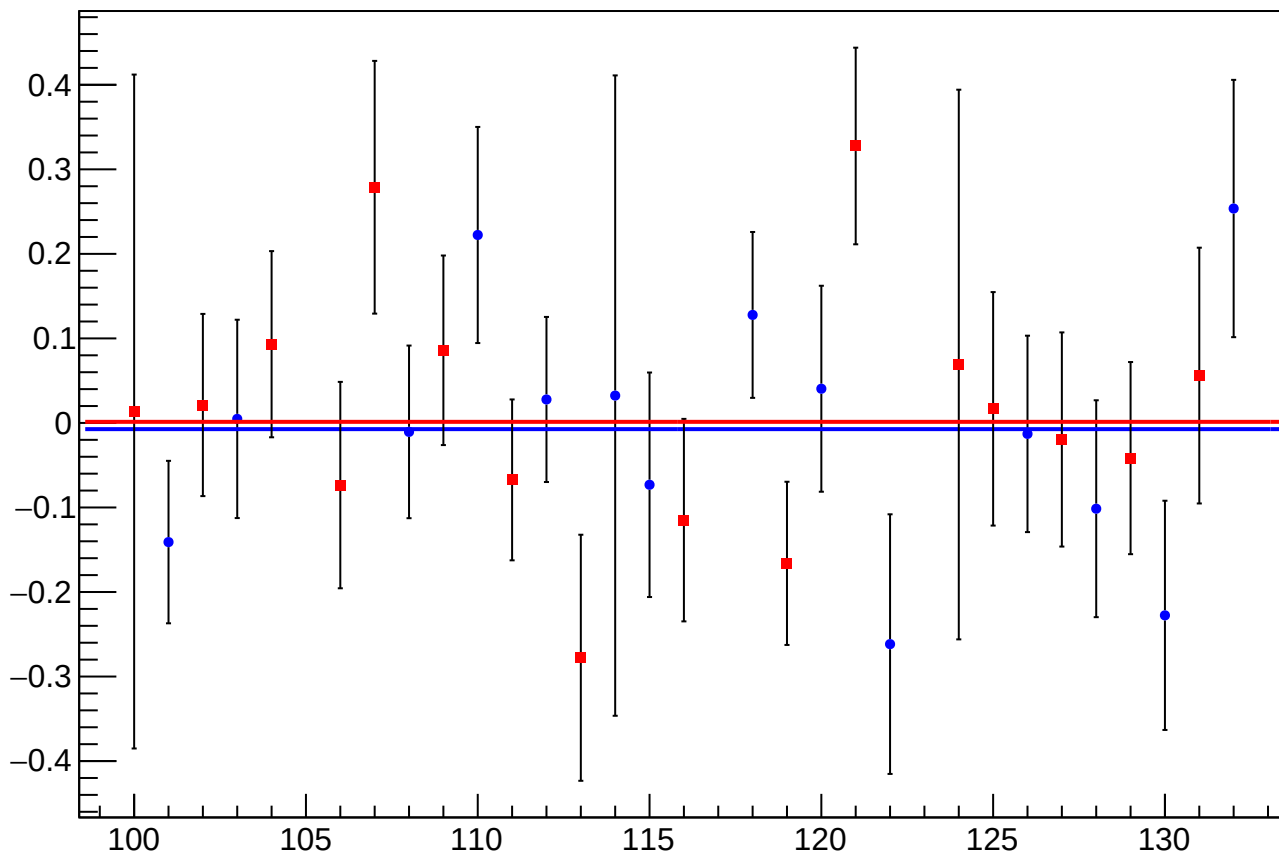
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.002+/-0.000

χ^2/NDF : 13840269.6/29

asym_usr_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.032 χ^2/NDF : 16.5/13

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

Right Out: 0.001 ± 0.031 χ^2/NDF : 21.5/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

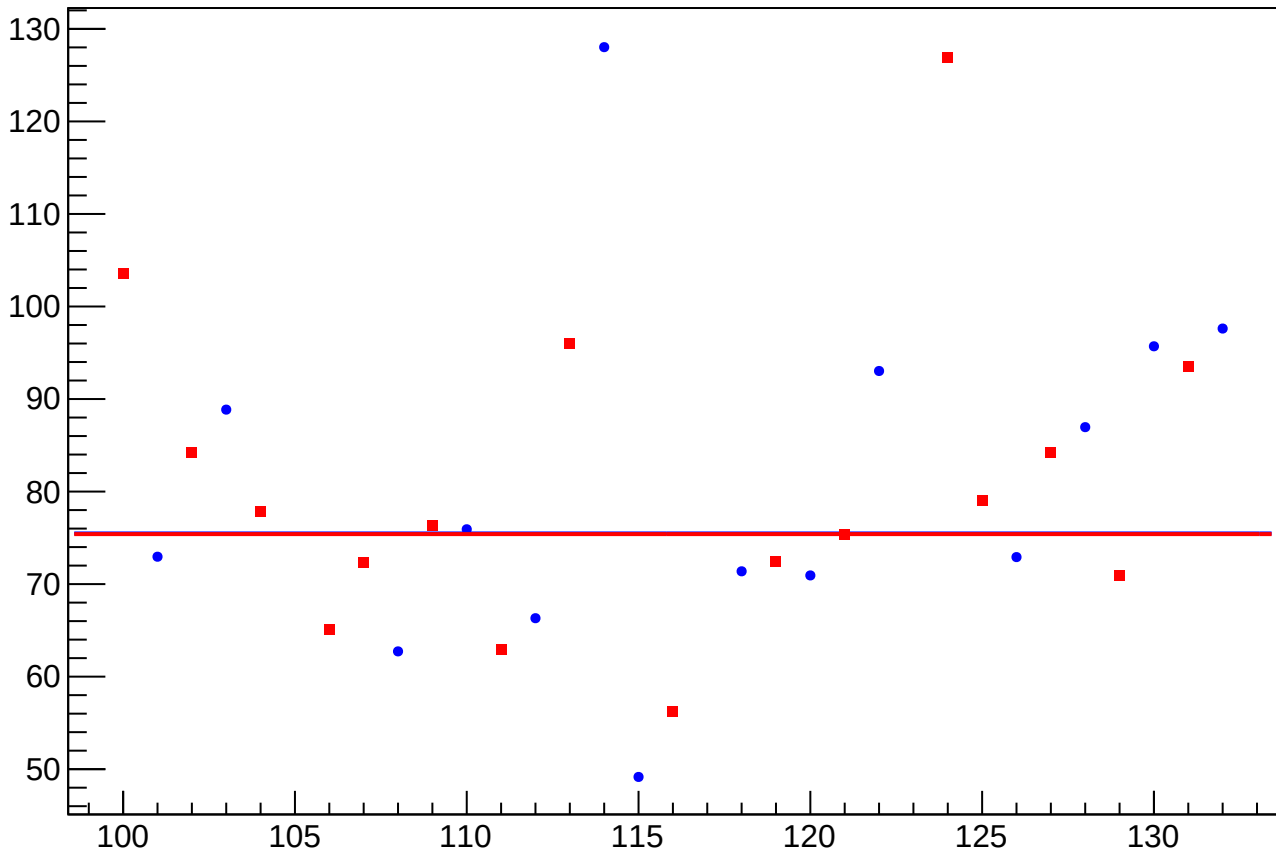
Right: -0.003 ± 0.023 χ^2/NDF : 38.0/29

In: -0.007 ± 0.032 χ^2/NDF : 16.5/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.003 ± 0.023 χ^2/NDF : 38.0/29

asym_usr_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 75.472+/-0.023 χ^2/NDF : 329431.4/13

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

Right Out: 75.403+/-0.022 χ^2/NDF : 260143.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

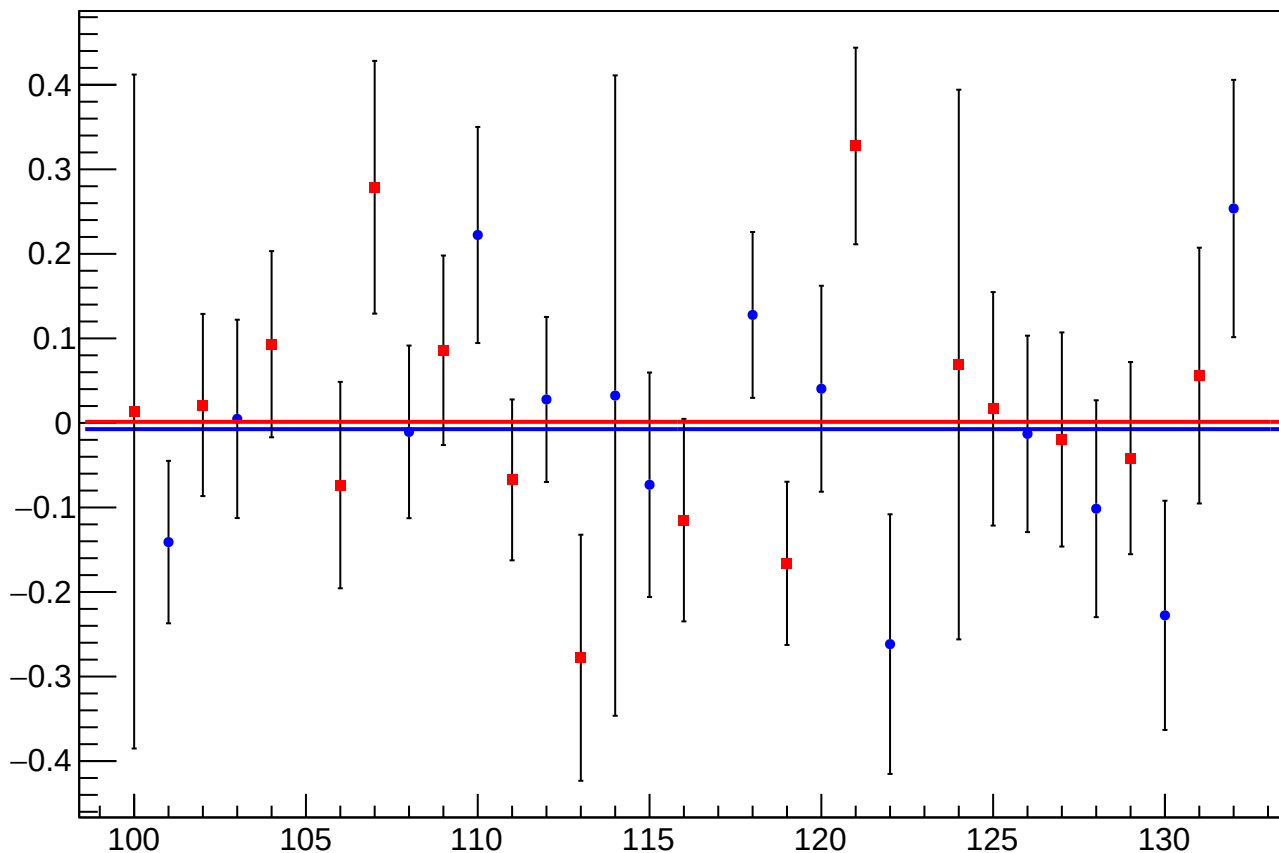
Right: 75.436+/-0.016 χ^2/NDF : 589580.0/29

In: 75.472+/-0.023 χ^2/NDF : 329431.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.436+/-0.016 χ^2/NDF : 589580.0/29

asym_usr_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.032 χ^2/NDF : 16.5/13

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

Right Out: 0.001 ± 0.031 χ^2/NDF : 21.5/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

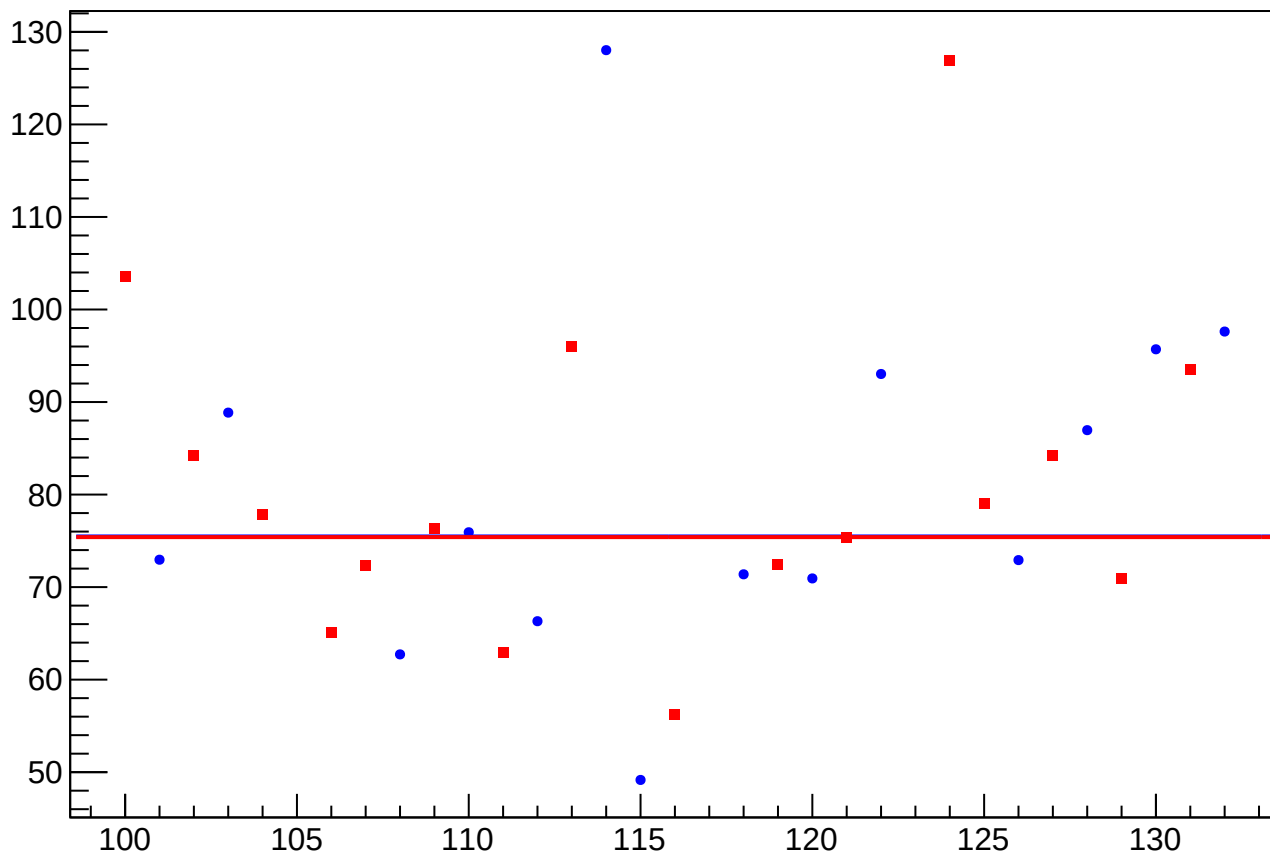
Right: -0.003 ± 0.023 χ^2/NDF : 38.0/29

In: -0.007 ± 0.032 χ^2/NDF : 16.5/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.003 ± 0.023 χ^2/NDF : 38.0/29

asym_usr_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 75.472+/-0.023 χ^2/NDF : 329431.4/13

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

Right Out: 75.403+/-0.022 χ^2/NDF : 260143.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

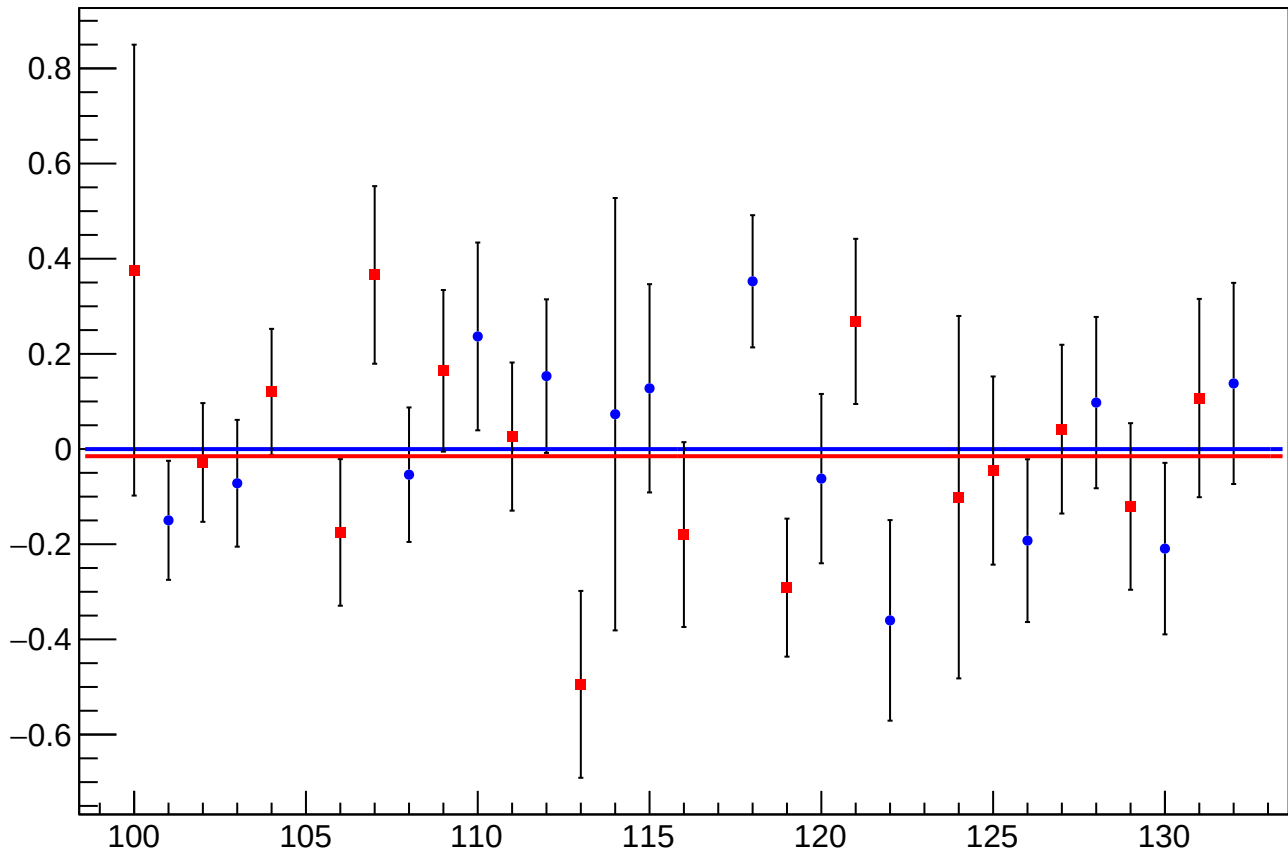
Right: 75.436+/-0.016 χ^2/NDF : 589580.0/29

In: 75.472+/-0.023 χ^2/NDF : 329431.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.436+/-0.016 χ^2/NDF : 589580.0/29

asym_usr_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.045 $\chi^2/\text{NDF}: 17.4/13$

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

Right Out: -0.015 ± 0.044 $\chi^2/\text{NDF}: 22.0/15$

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

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

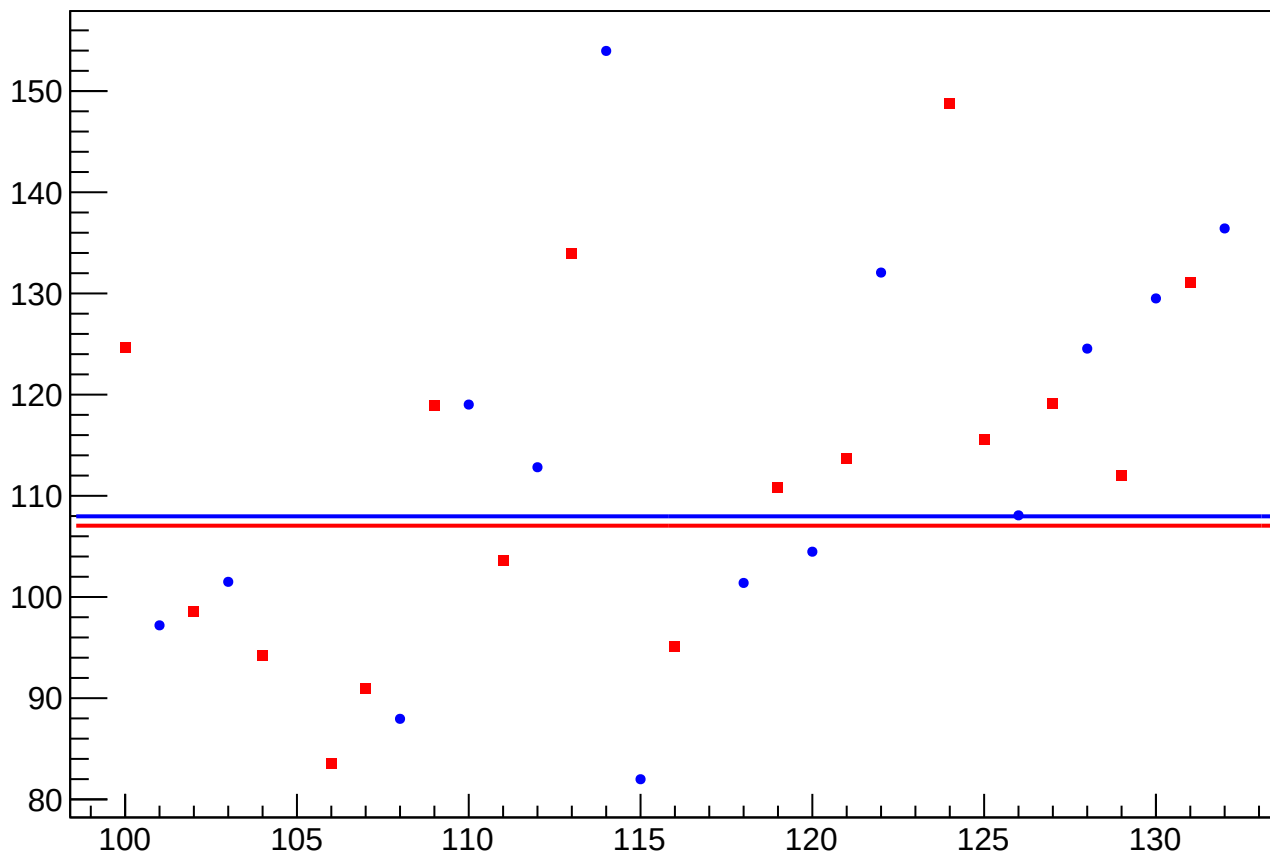
Right: -0.008 ± 0.031 $\chi^2/\text{NDF}: 39.5/29$

In: -0.000 ± 0.045 $\chi^2/\text{NDF}: 17.4/13$

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

All: -0.008 ± 0.031 $\chi^2/\text{NDF}: 39.5/29$

asym_usr_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 107.973+/-0.032 χ^2/NDF : 229528.1/13

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

Right Out: 107.048+/-0.031 χ^2/NDF : 217806.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

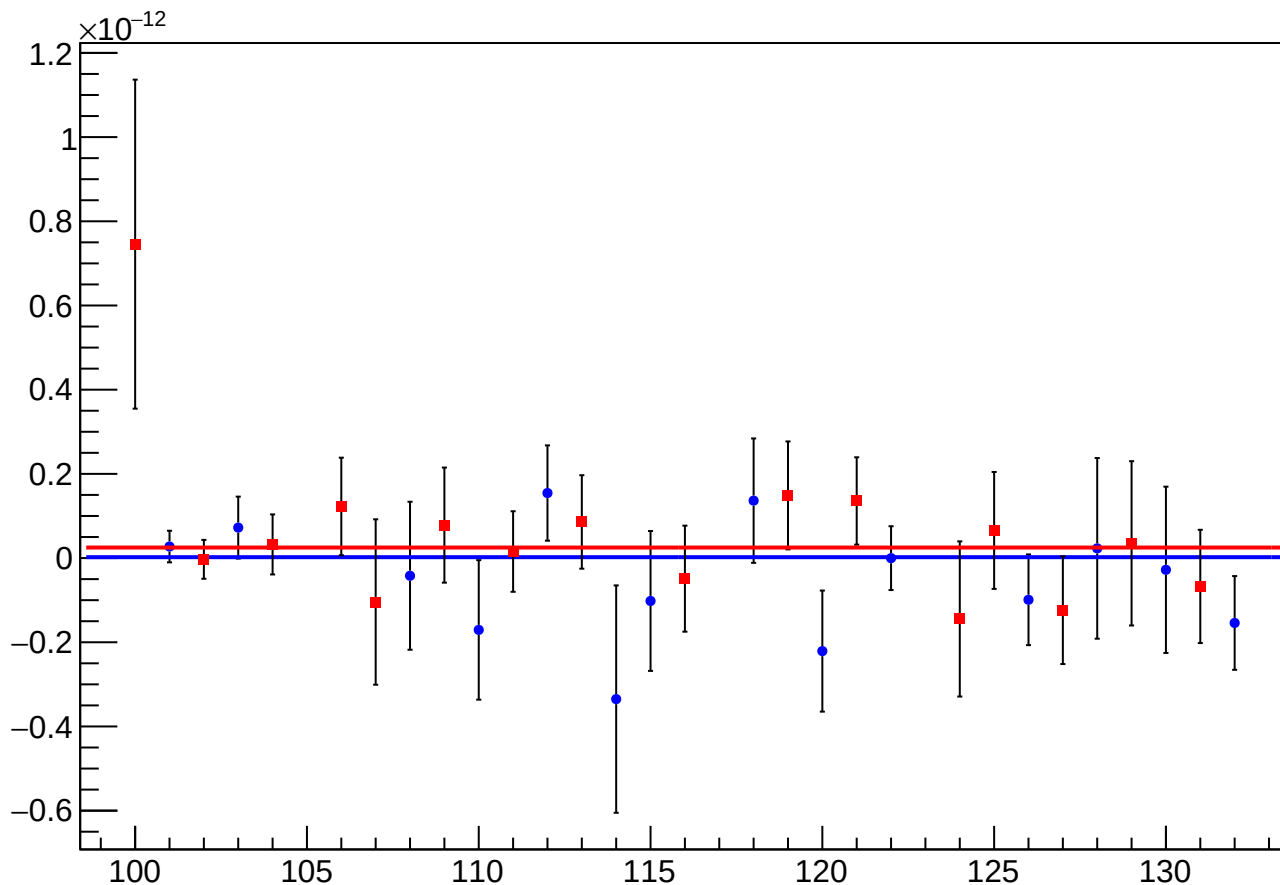
Right: 107.491+/-0.022 χ^2/NDF : 447766.3/29

In: 107.973+/-0.032 χ^2/NDF : 229528.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.491+/-0.022 χ^2/NDF : 447766.3/29

asym_usr_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.4/13

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

Right Out: 0.000+/-0.000 χ^2/NDF : 10.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

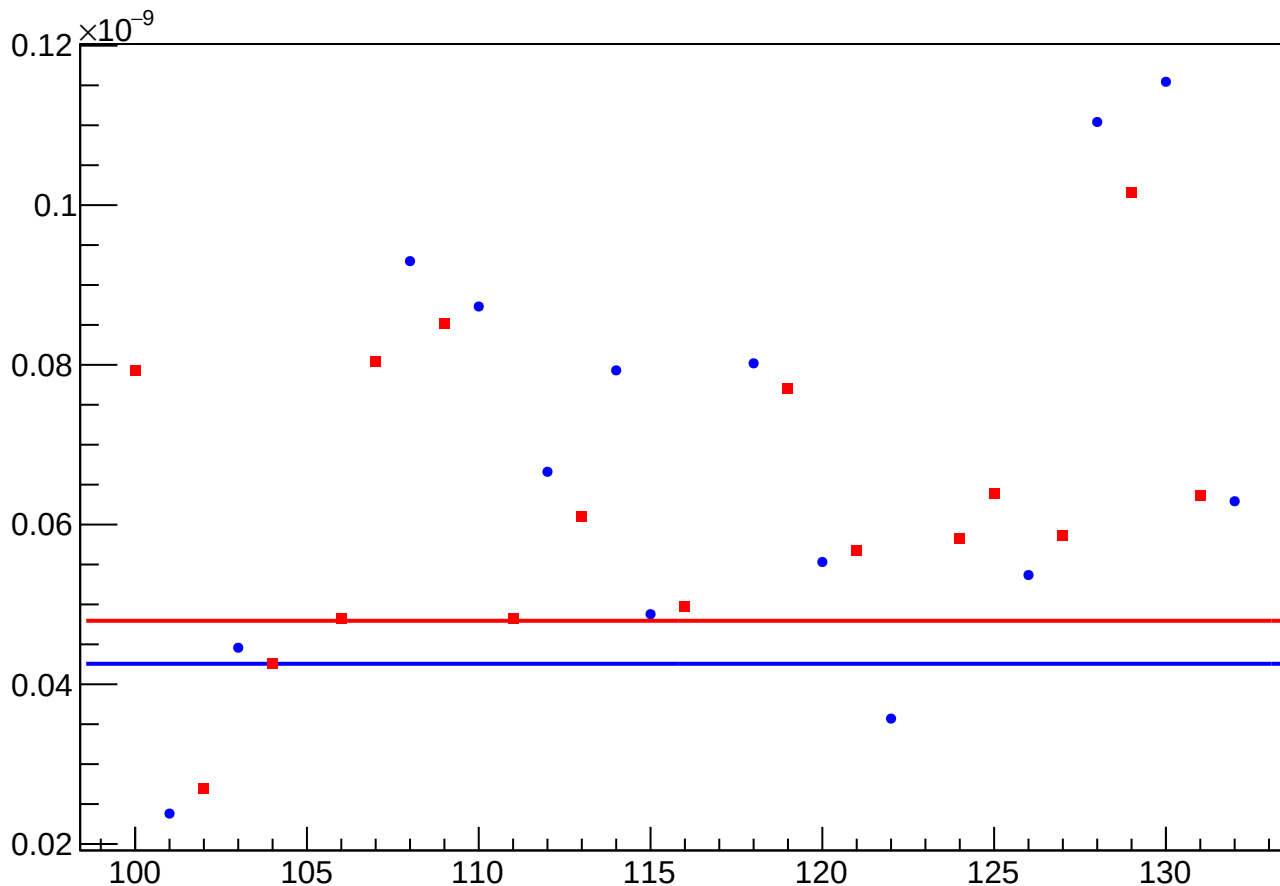
Right: 0.000+/-0.000 χ^2/NDF : 23.4/29

In: 0.000+/-0.000 χ^2/NDF : 12.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.4/29

asym_usr_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1663934.2/13

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1011719.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

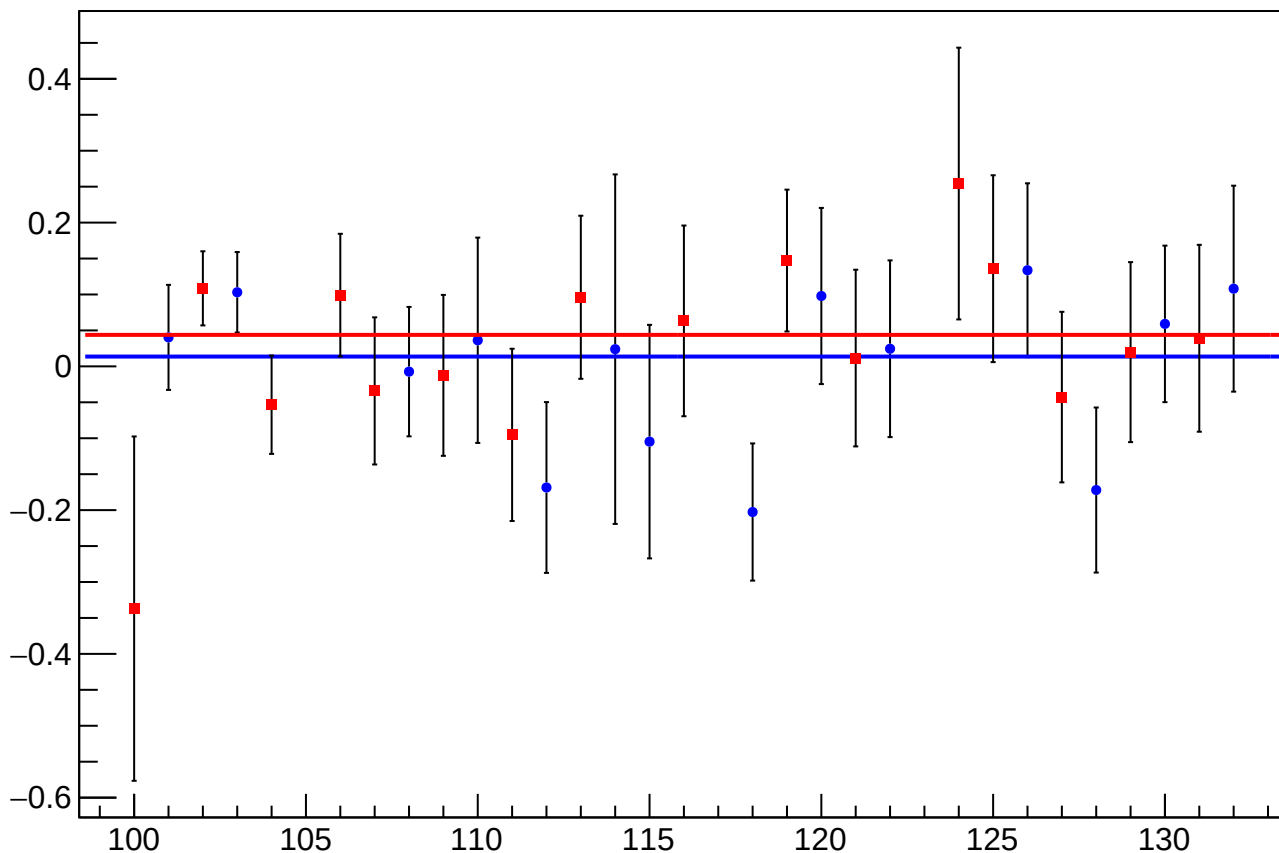
Right: 0.000+/-0.000 χ^2/NDF : 2719539.1/29

In: 0.000+/-0.000 χ^2/NDF : 1663934.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2719539.1/29

asym_usr_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.027 χ^2 /NDF: 15.5/13

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

Right Out: 0.044 $\pm$ 0.025 χ^2 /NDF: 12.4/15

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

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

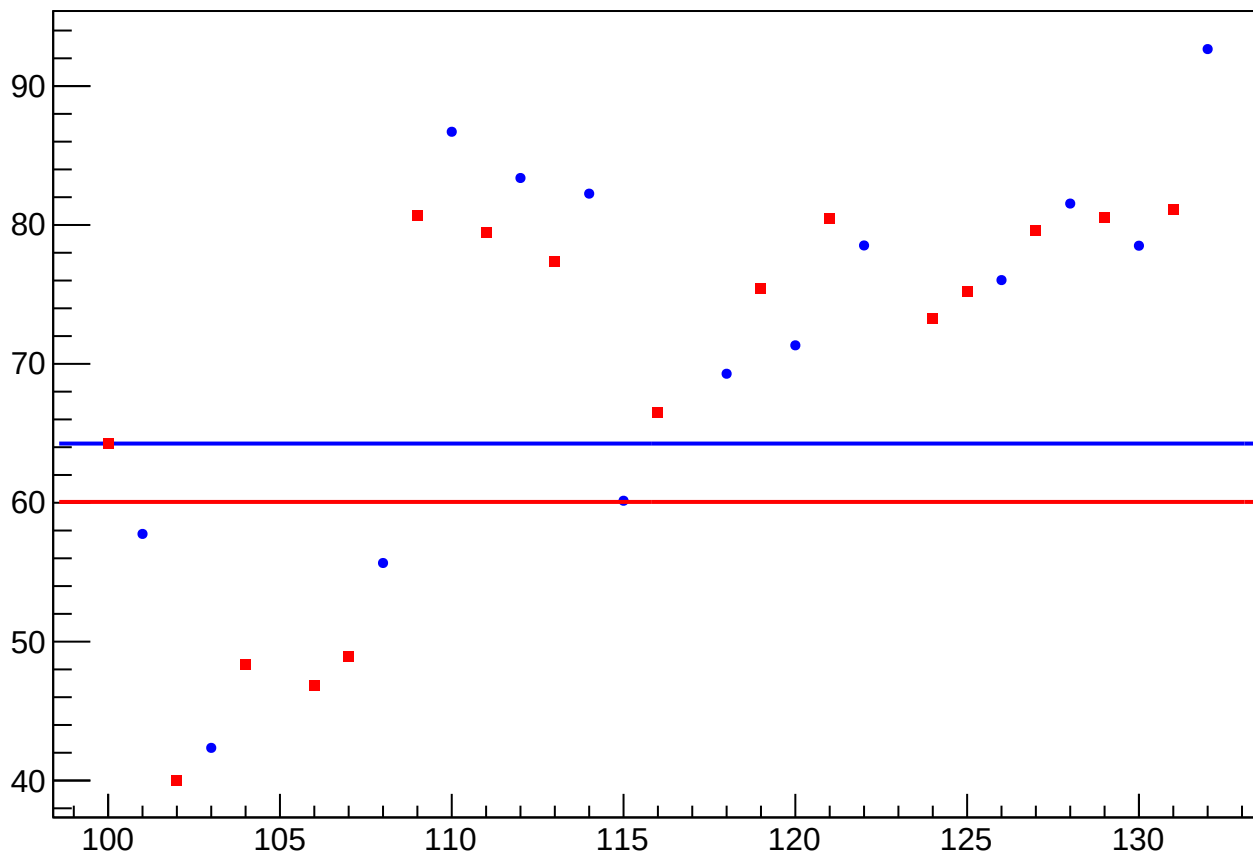
Right: 0.030 $\pm$ 0.019 χ^2 /NDF: 28.6/29

In: 0.014 $\pm$ 0.027 χ^2 /NDF: 15.5/13

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

All: 0.030 $\pm$ 0.019 χ^2 /NDF: 28.6/29

asym_usr_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 64.262+/-0.019 χ^2/NDF : 670193.5/13

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

Right Out: 60.059+/-0.018 χ^2/NDF : 906459.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

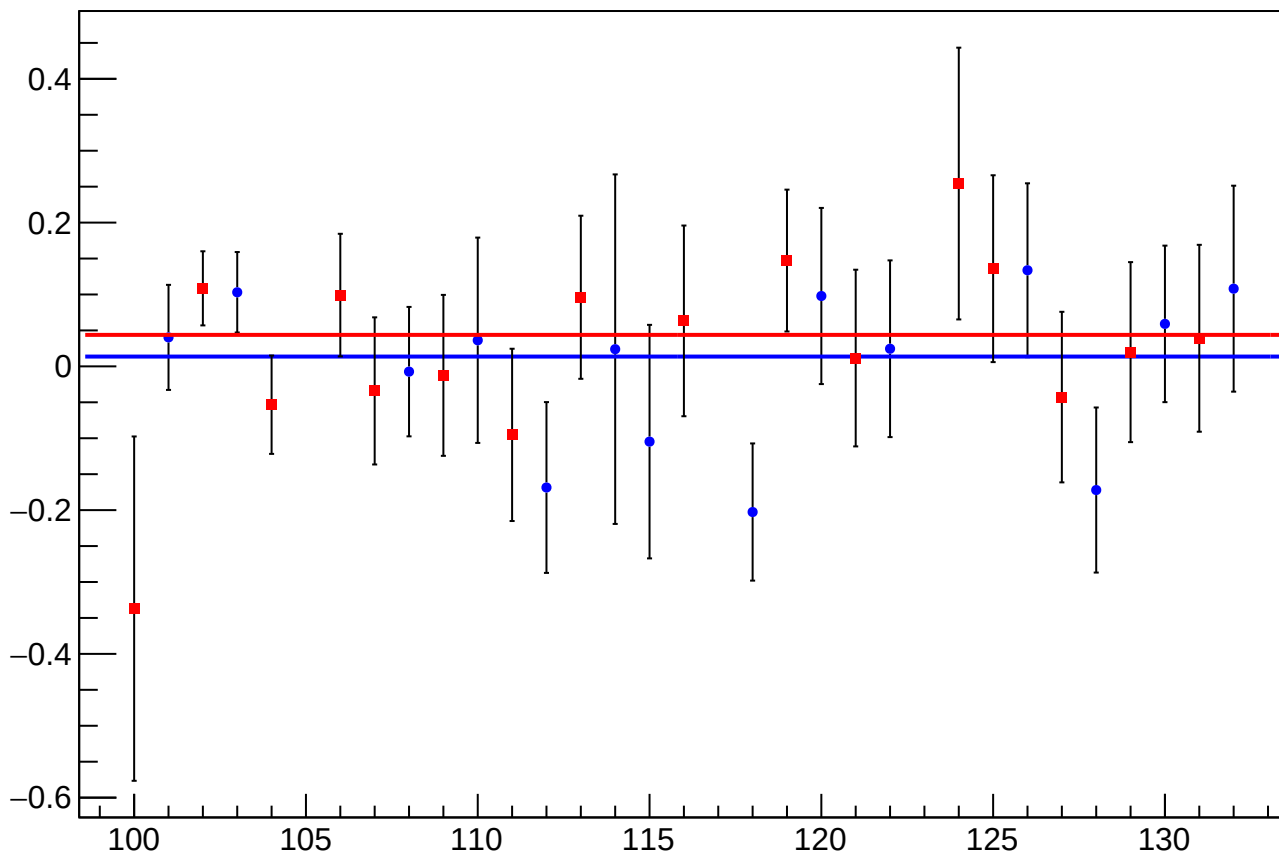
Right: 61.979+/-0.013 χ^2/NDF : 1602061.1/29

In: 64.262+/-0.019 χ^2/NDF : 670193.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.979+/-0.013 χ^2/NDF : 1602061.1/29

asym_usr_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.027 χ^2/NDF : 15.5/13

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

Right Out: 0.044+/-0.025 χ^2/NDF : 12.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

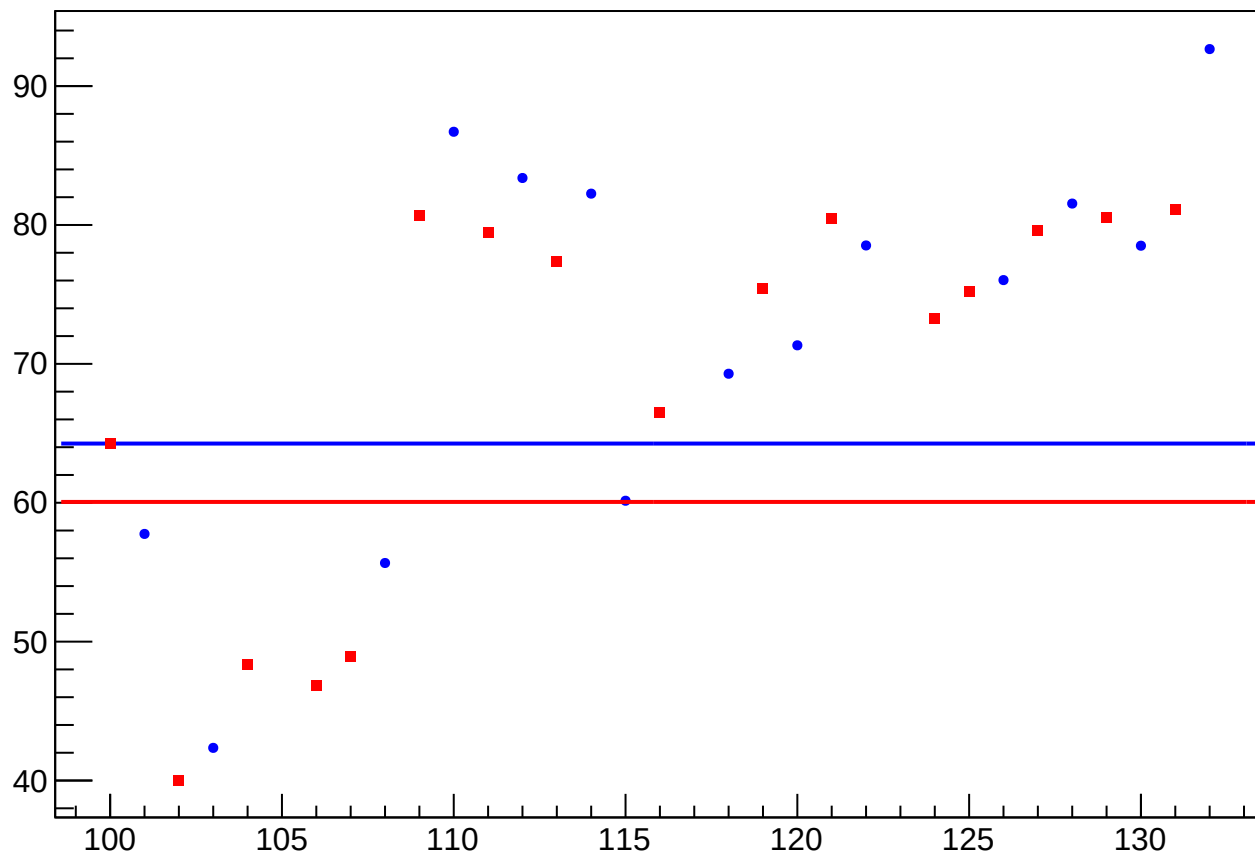
Right: 0.030+/-0.019 χ^2/NDF : 28.6/29

In: 0.014+/-0.027 χ^2/NDF : 15.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.030+/-0.019 χ^2/NDF : 28.6/29

asym_usr_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 64.262 $\pm$ 0.019 χ^2 /NDF: 670193.5/13

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

Right Out: 60.059 $\pm$ 0.018 χ^2 /NDF: 906459.8/15

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

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

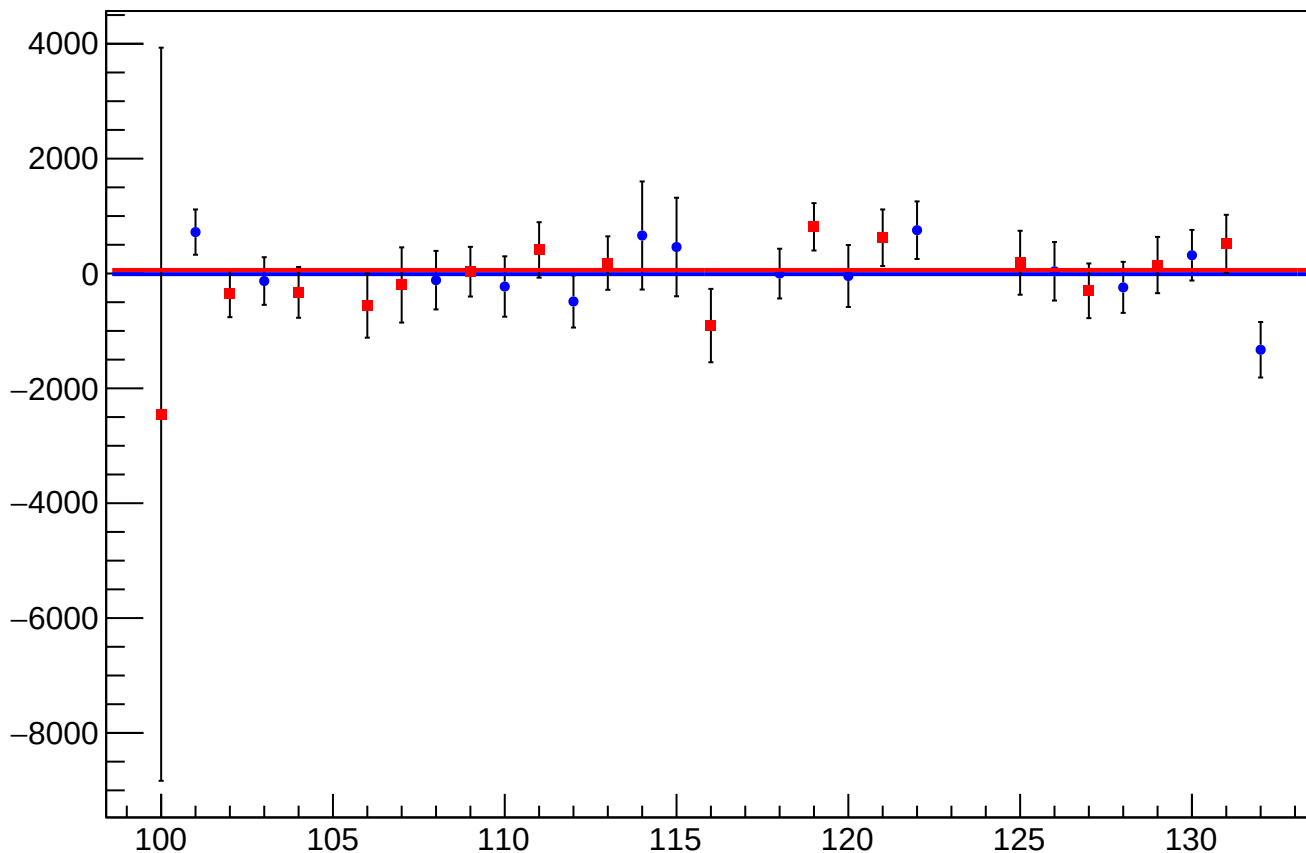
Right: 61.979 $\pm$ 0.013 χ^2 /NDF: 1602061.1/29

In: 64.262 $\pm$ 0.019 χ^2 /NDF:670193.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 61.979 $\pm$ 0.013 χ^2 /NDF: 1602061.1/29

asym_dsl_mean vs Slug, Sign Corrected



Right In: -11.568+/-131.144 χ^2/NDF : 16.2/13

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

Right Out: 61.615+/-129.994 χ^2/NDF : 12.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

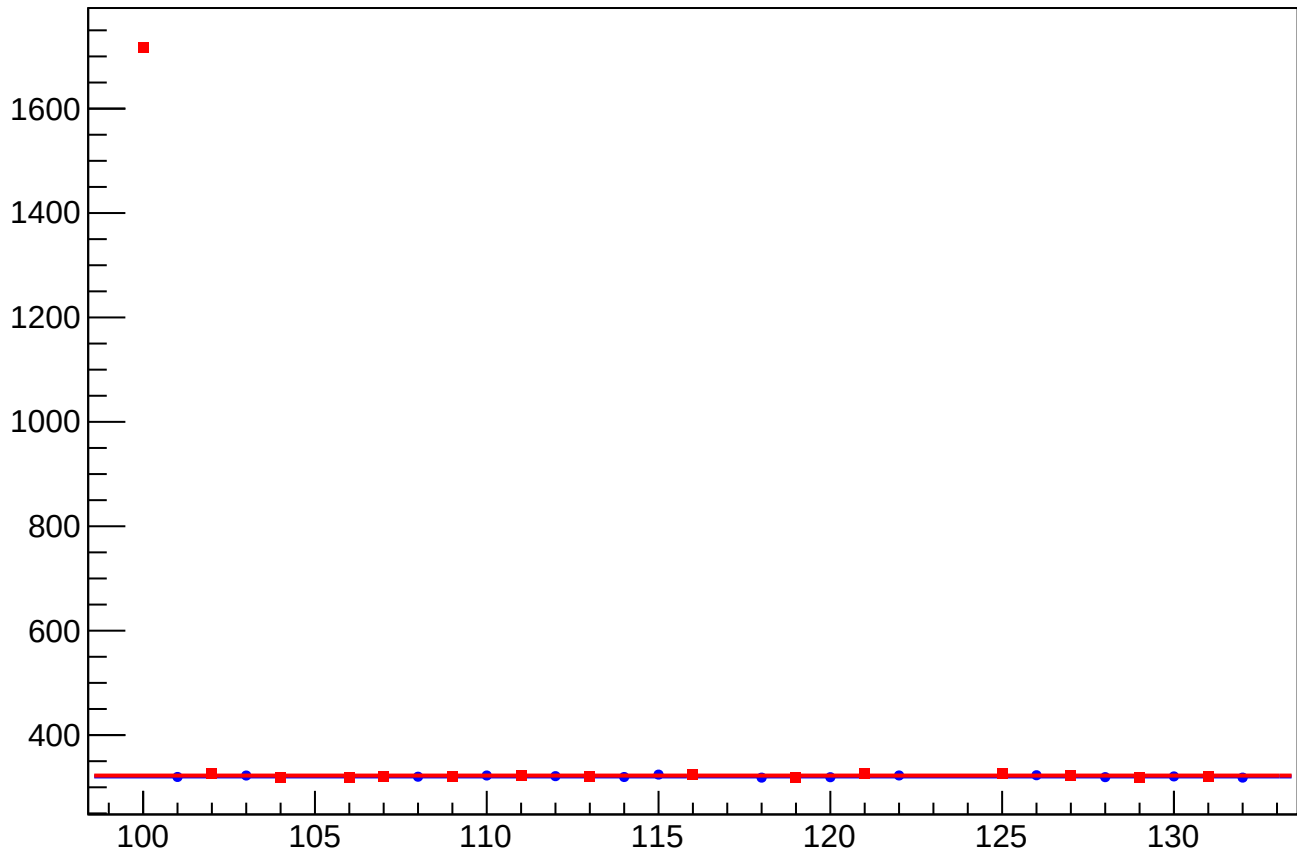
Right: 25.346+/-92.323 χ^2/NDF : 28.8/28

In: -11.568+/-131.144 χ^2/NDF : 16.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.346+/-92.323 χ^2/NDF : 28.8/28

asym_dsl_rms vs Slug, Sign Corrected



Right In: 320.738+/-0.093 χ^2/NDF : 311.8/13

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

Right Out: 322.470+/-0.092 χ^2/NDF : 96783.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

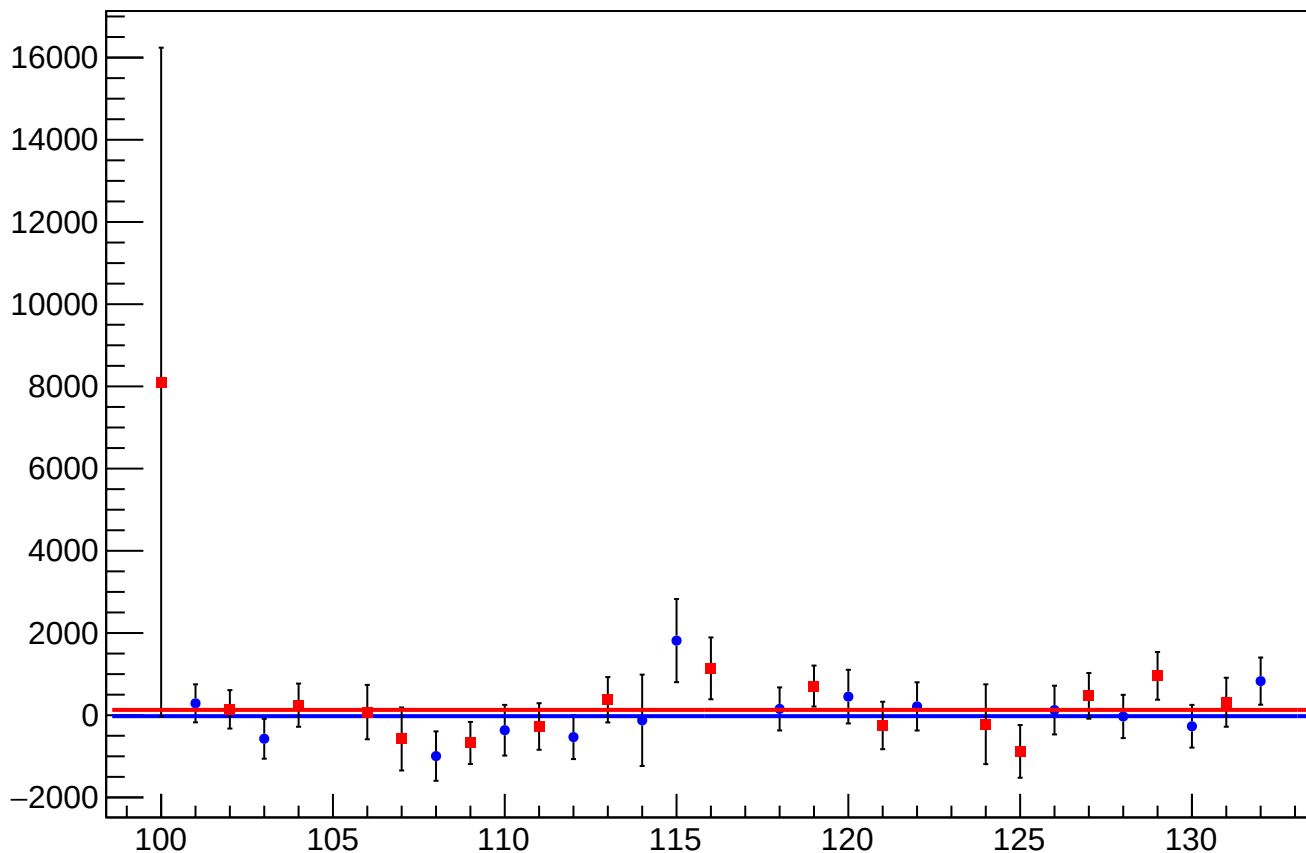
Right: 321.612+/-0.065 χ^2/NDF : 97270.6/28

In: 320.738+/-0.093 χ^2/NDF : 311.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 321.612+/-0.065 χ^2/NDF : 97270.6/28

asym_dsr_mean vs Slug, Sign Corrected



Right In: -22.903+/-154.891 χ^2/NDF : 12.2/13

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

Right Out: 129.526+/-151.252 χ^2/NDF : 13.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

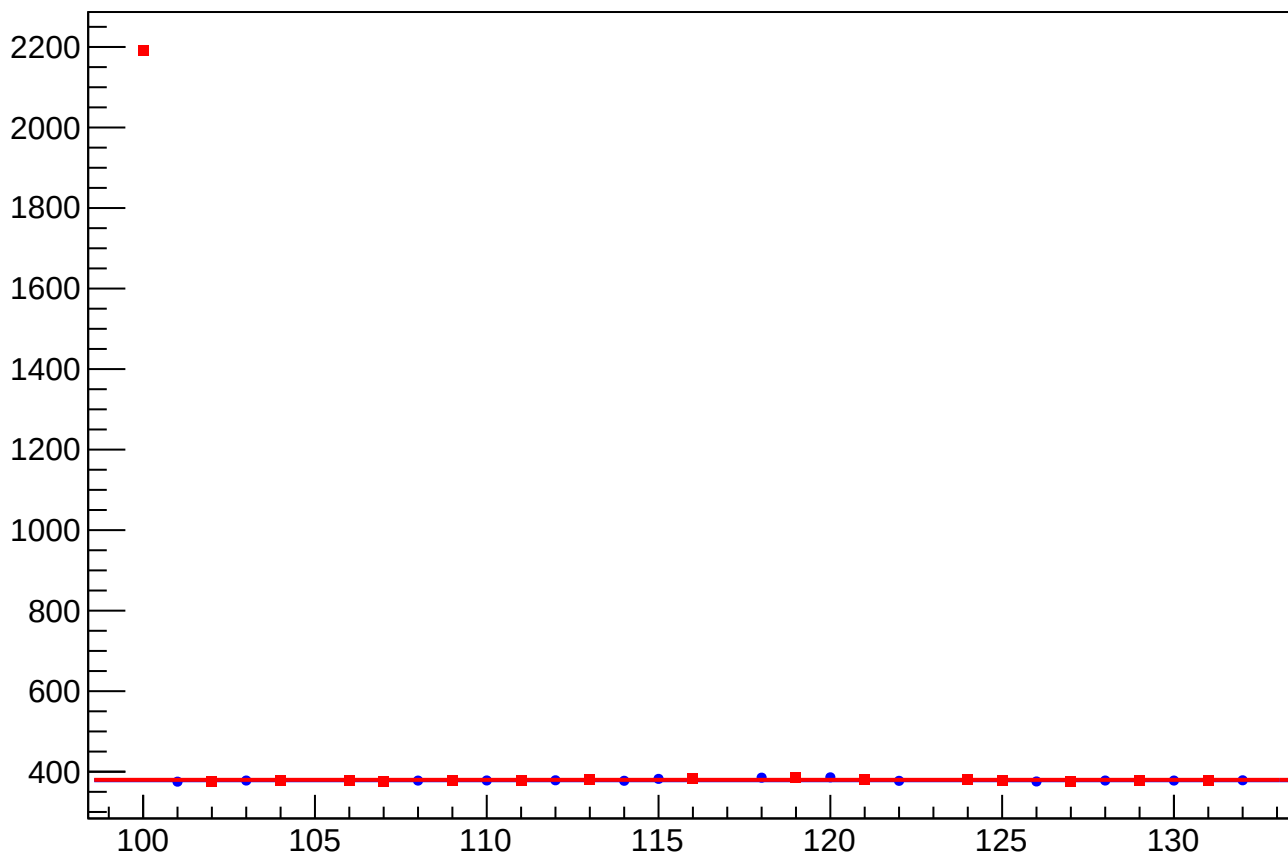
Right: 55.123+/-108.215 χ^2/NDF : 26.4/29

In: -22.903+/-154.891 χ^2/NDF : 12.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.123+/-108.215 χ^2/NDF : 26.4/29

asym_dsr_rms vs Slug, Sign Corrected



Right In: 378.790 $\pm$ 0.110 χ^2 /NDF: 767.8/13

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

Right Out: 379.813 $\pm$ 0.107 χ^2 /NDF: 99572.0/15

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

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

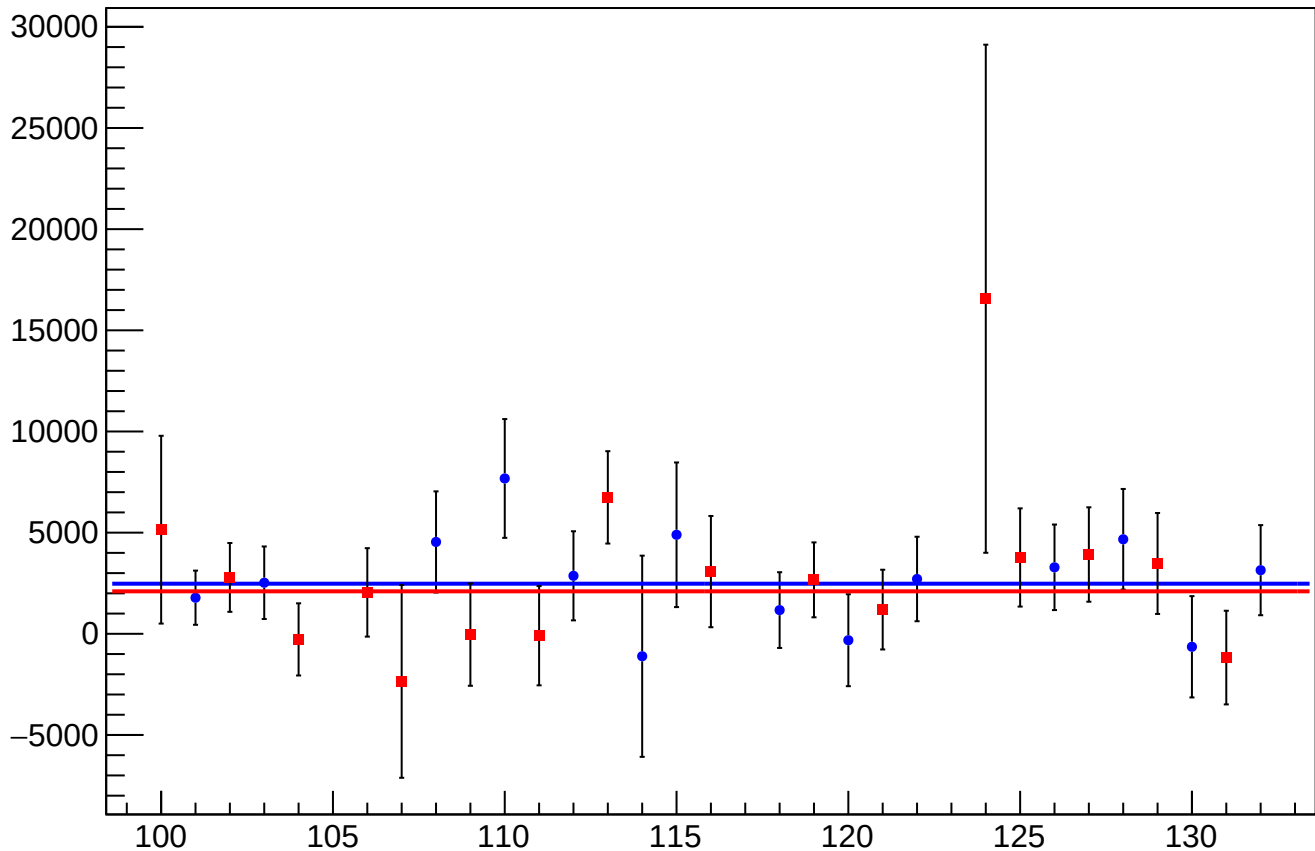
Right: 379.314 $\pm$ 0.077 χ^2 /NDF: 100384.4/29

In: 378.790 $\pm$ 0.110 χ^2 /NDF:767.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 379.314 $\pm$ 0.077 χ^2 /NDF: 100384.4/29

asym_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 2476.823+/-584.710 χ^2/NDF : 9.7/13

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

Right Out: 2099.617+/-591.015 χ^2/NDF : 14.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

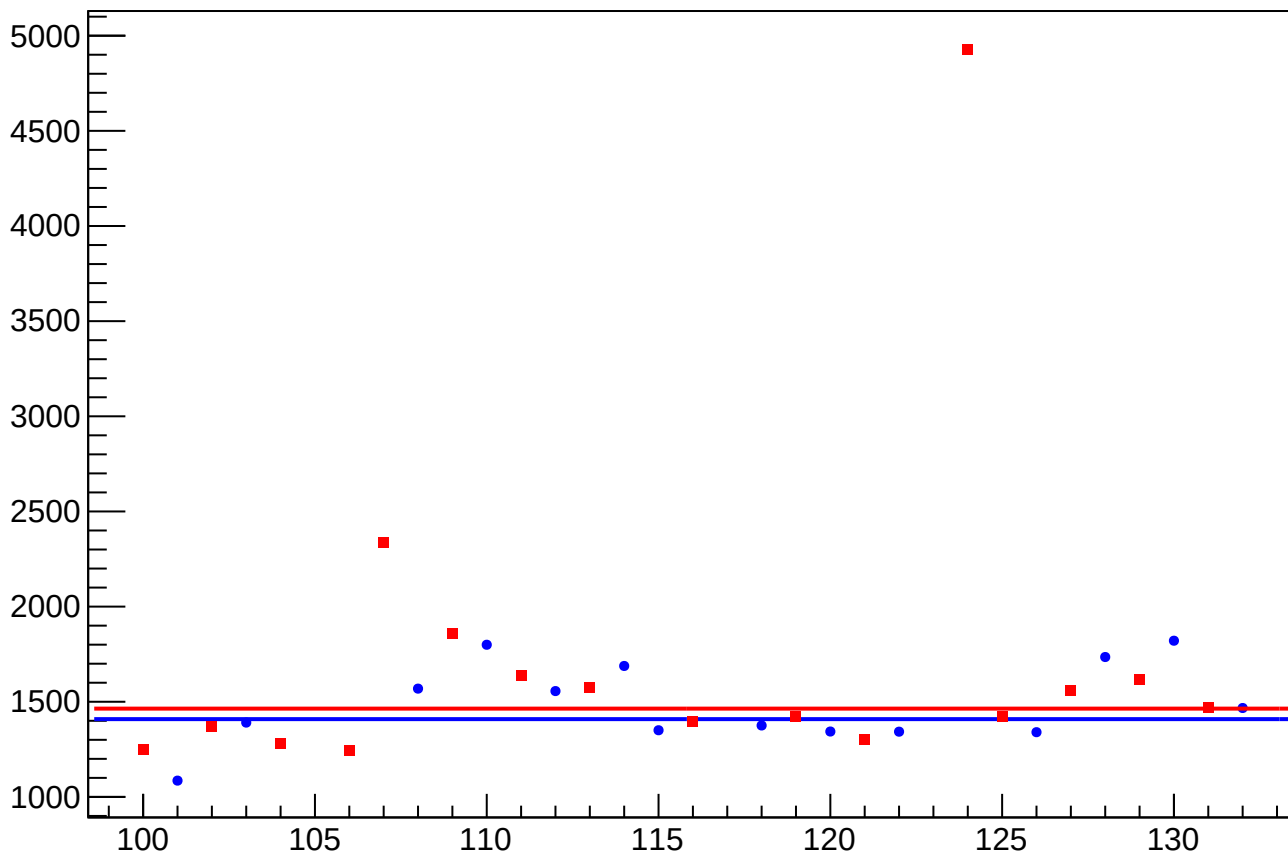
Right: 2290.243+/-415.664 χ^2/NDF : 23.9/29

In: 2476.823+/-584.710 χ^2/NDF : 9.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2290.243+/-415.664 χ^2/NDF : 23.9/29

asym_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 1408.759+/-0.413 χ^2/NDF : 272513.1/13

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

Right Out: 1463.951+/-0.418 χ^2/NDF : 362281.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

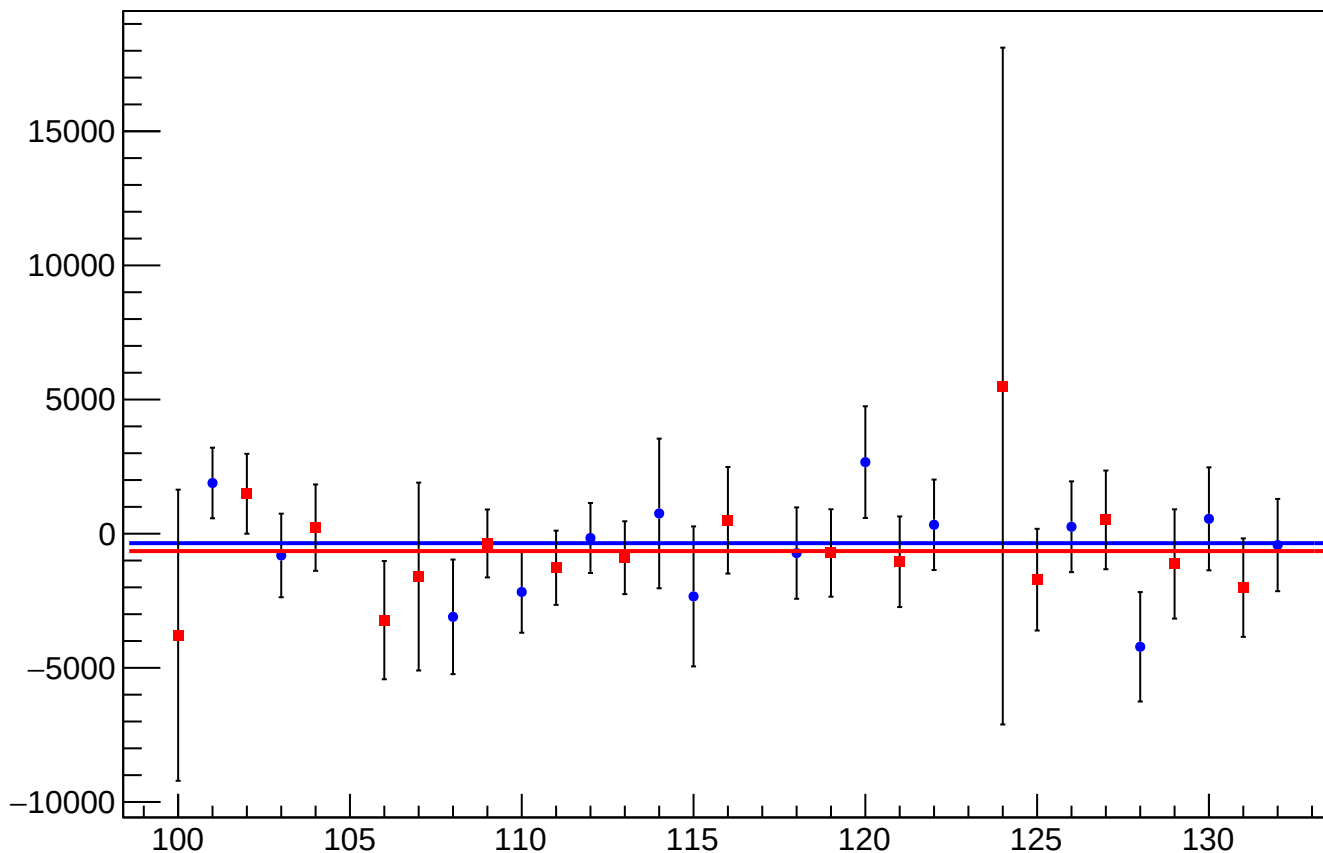
Right: 1436.059+/-0.294 χ^2/NDF : 643608.9/29

In: 1408.759+/-0.413 χ^2/NDF : 272513.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1436.059+/-0.294 χ^2/NDF : 643608.9/29

asym_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -353.108 ± 464.613 $\chi^2/\text{NDF}: 13.1/13$

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

Right Out: -648.745 ± 449.669 $\chi^2/\text{NDF}: 6.4/15$

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

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

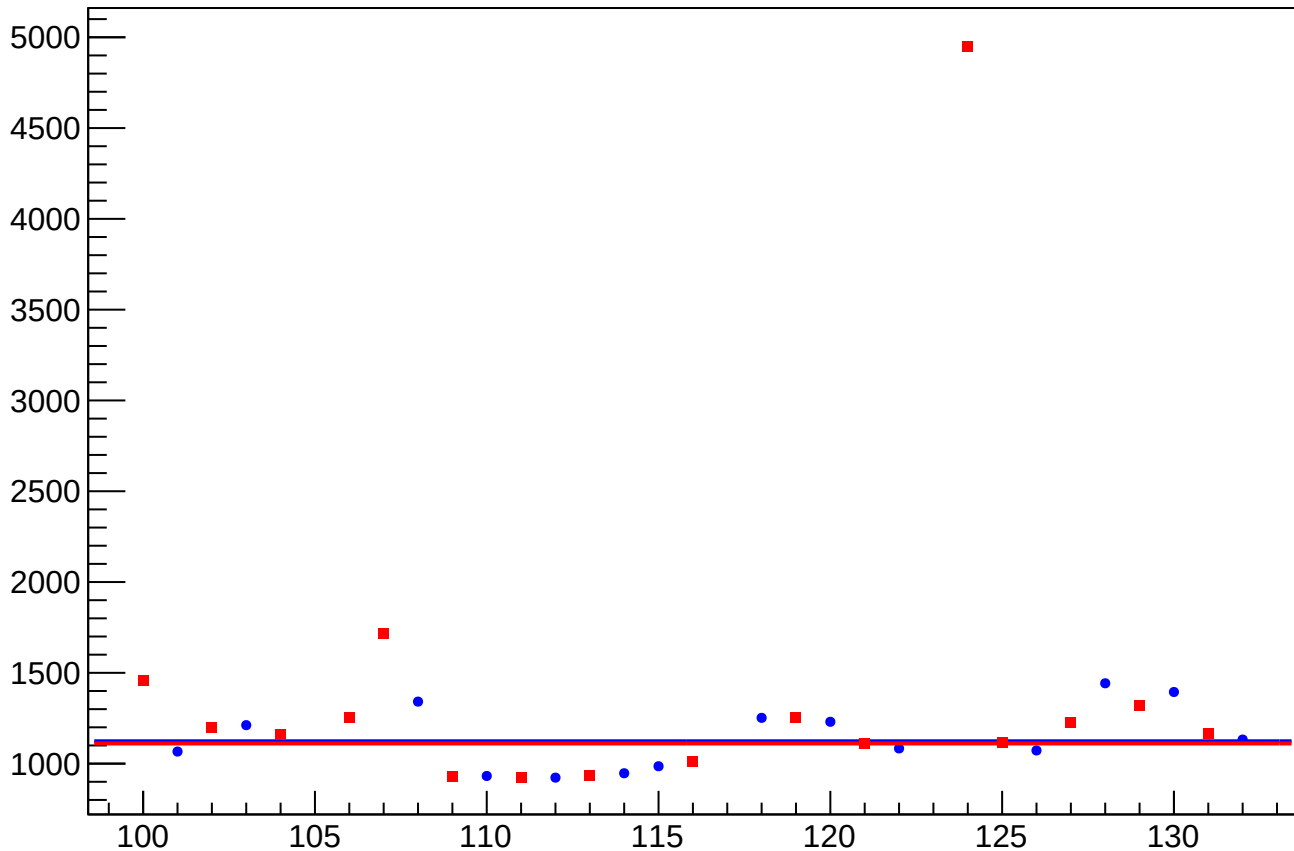
Right: -505.757 ± 323.118 $\chi^2/\text{NDF}: 19.7/29$

In: -353.108 ± 464.613 $\chi^2/\text{NDF}: 13.1/13$

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

All: -505.757 ± 323.118 $\chi^2/\text{NDF}: 19.7/29$

asym_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 1123.064+/-0.329 χ^2/NDF : 232148.0/13

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

Right Out: 1110.984+/-0.318 χ^2/NDF : 434041.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

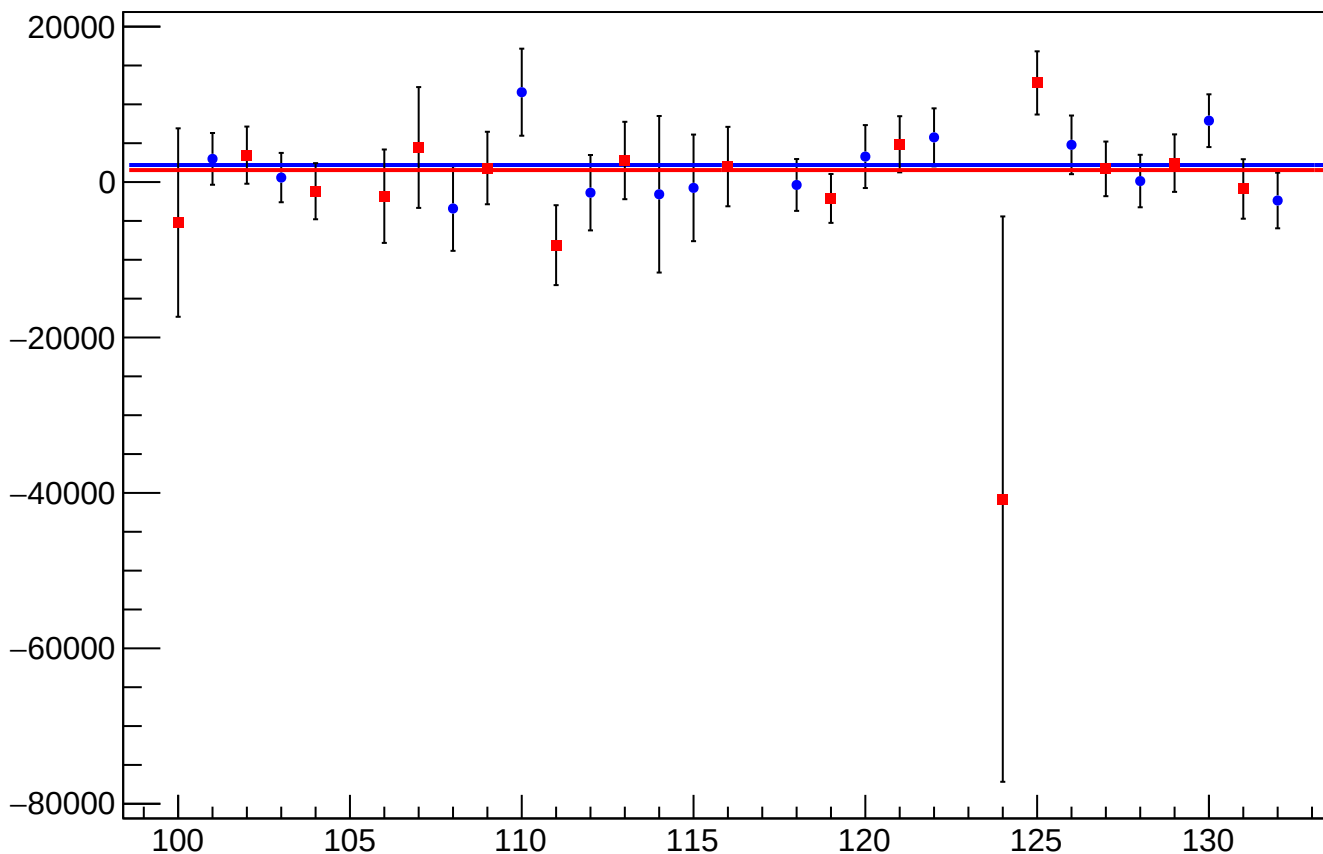
Right: 1116.826+/-0.228 χ^2/NDF : 666887.8/29

In: 1123.064+/-0.329 χ^2/NDF : 232148.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1116.826+/-0.228 χ^2/NDF : 666887.8/29

reg_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2194.098+/-1069.629 χ^2/NDF : 11.9/13

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

Right Out: 1541.919+/-1100.762 χ^2/NDF : 16.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

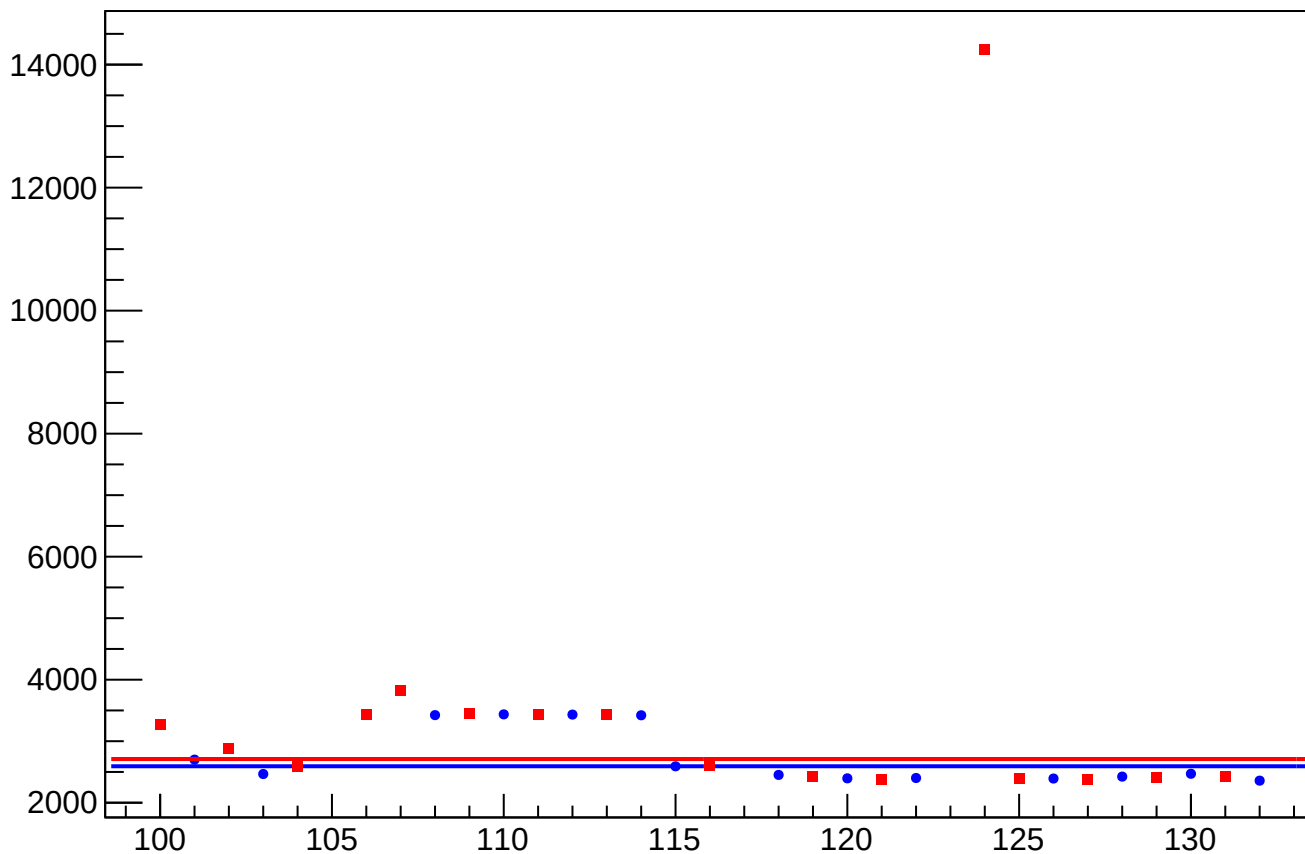
Right: 1877.362+/-767.112 χ^2/NDF : 28.9/29

In: 2194.098+/-1069.629 χ^2/NDF : 11.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1877.362+/-767.112 χ^2/NDF : 28.9/29

reg_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2592.643+/-0.756 χ^2/NDF : 205932.1/13

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

Right Out: 2710.379+/-0.778 χ^2/NDF : 501863.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

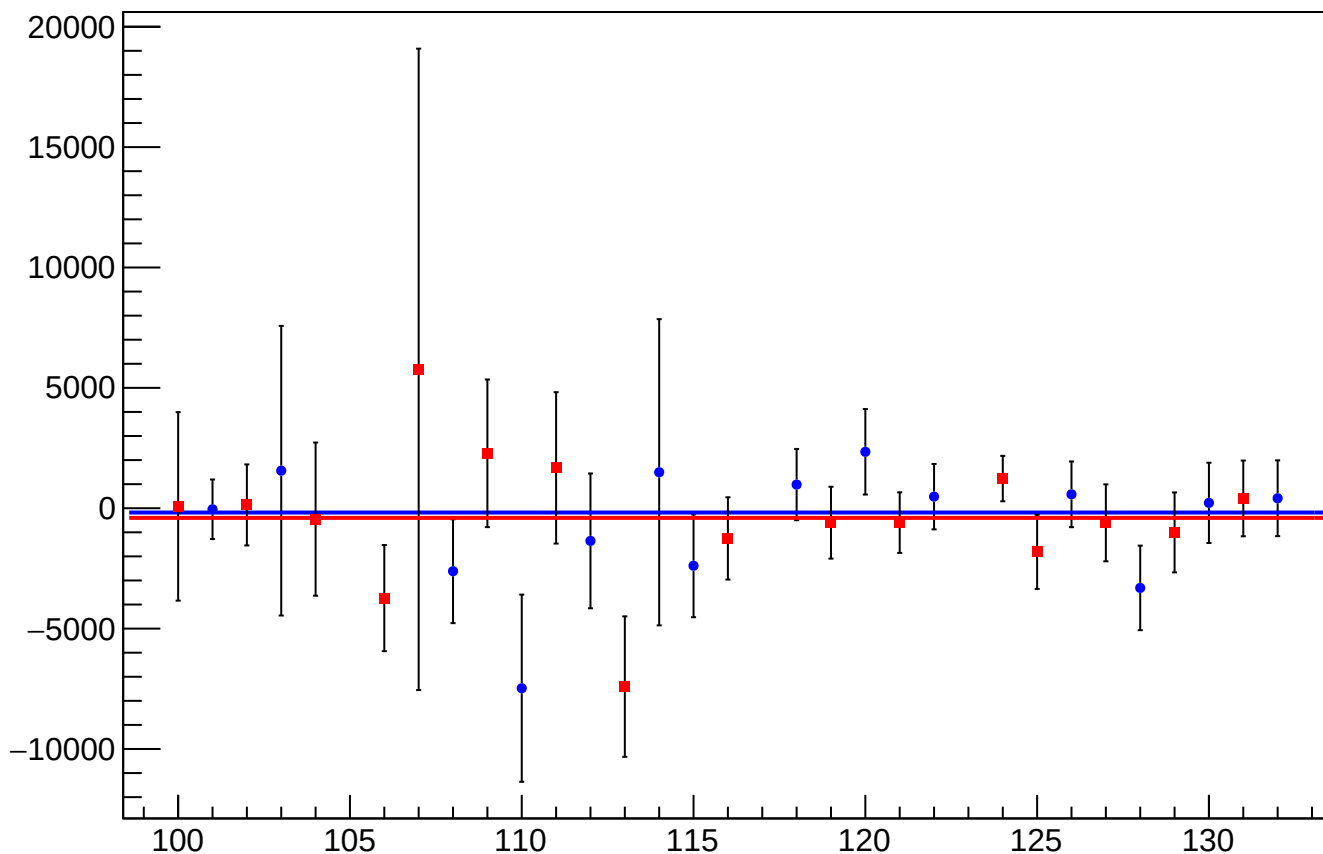
Right: 2649.823+/-0.542 χ^2/NDF : 719564.0/29

In: 2592.643+/-0.756 χ^2/NDF : 205932.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2649.823+/-0.542 χ^2/NDF : 719564.0/29

asym_atl1_reg_correction_mean vs Slug, Sign Corrected



Right In: -178.660 ± 483.819 χ^2/NDF : 12.8/13

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

Right Out: -400.600 ± 439.445 χ^2/NDF : 14.1/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

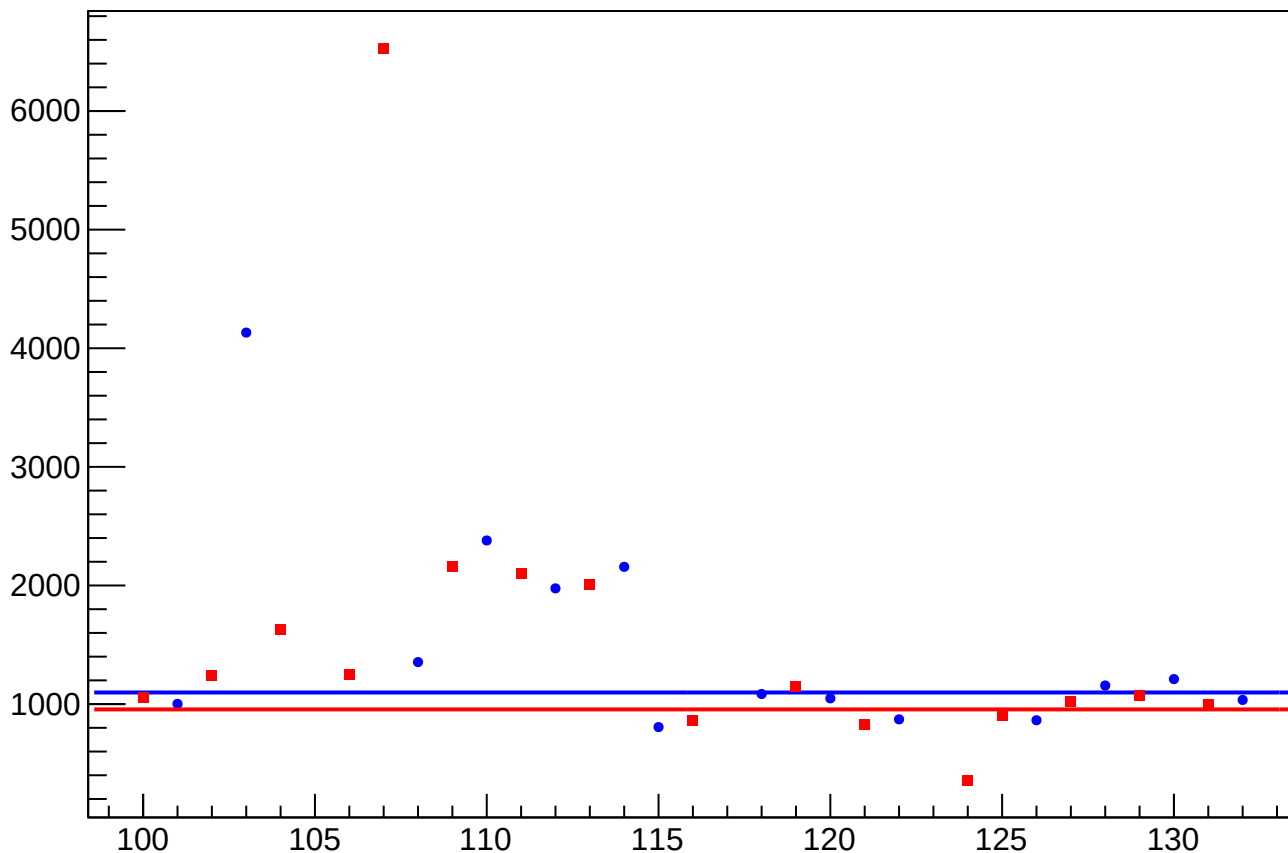
Right: -300.272 ± 325.294 χ^2/NDF : 27.0/29

In: -178.660 ± 483.819 χ^2/NDF : 12.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -300.272 ± 325.294 χ^2/NDF : 27.0/29

asym_atl1_reg_correction_rms vs Slug, Sign Corrected



Right In: 1097.872+/-0.342 χ^2/NDF : 1186552.0/13

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

Right Out: 955.132+/-0.311 χ^2/NDF : 2259270.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

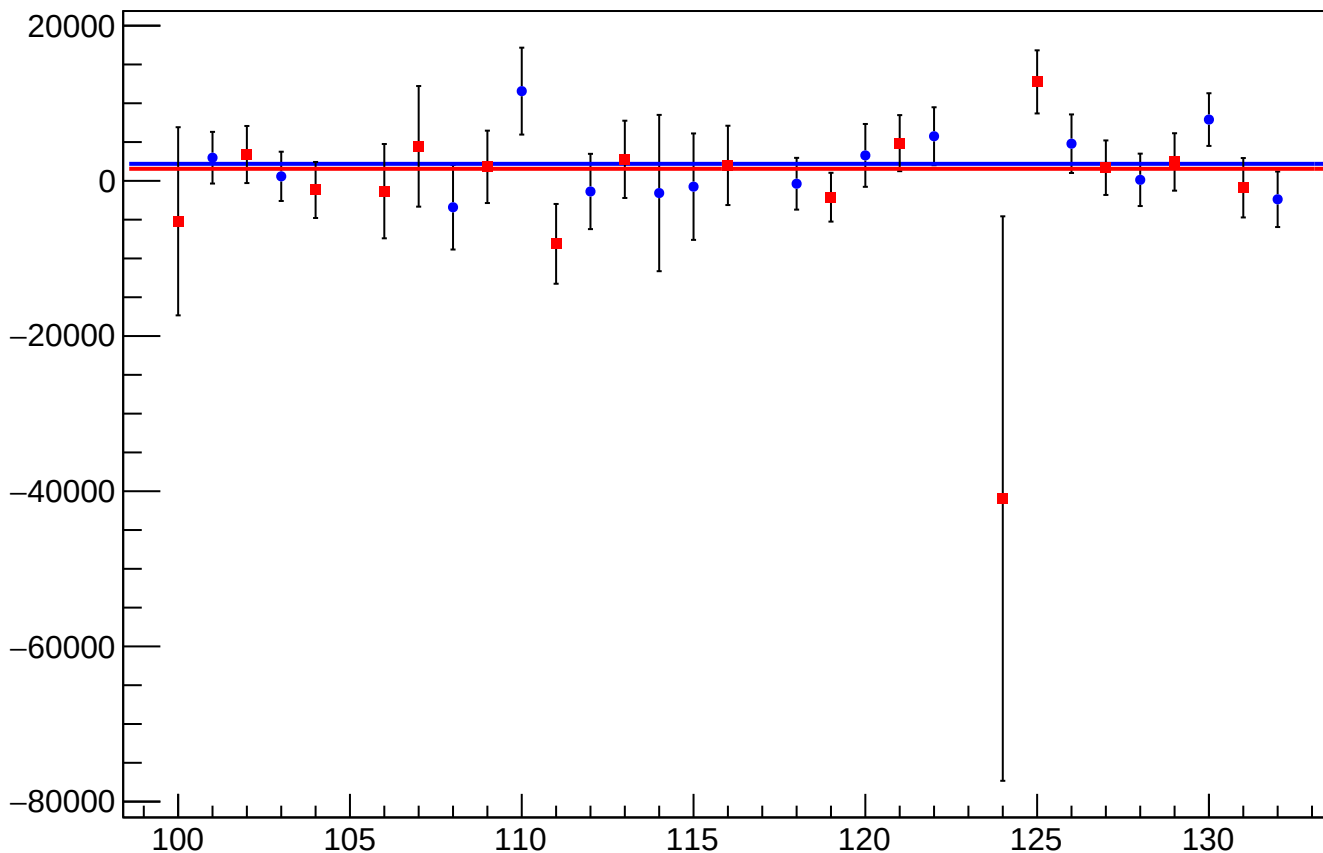
Right: 1019.657+/-0.230 χ^2/NDF : 3541212.1/29

In: 1097.872+/-0.342 χ^2/NDF : 1186552.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1019.657+/-0.230 χ^2/NDF : 3541212.1/29

cor_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2194.536+/-1069.629 χ^2/NDF : 11.9/13

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

Right Out: 1554.078+/-1101.181 χ^2/NDF : 16.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

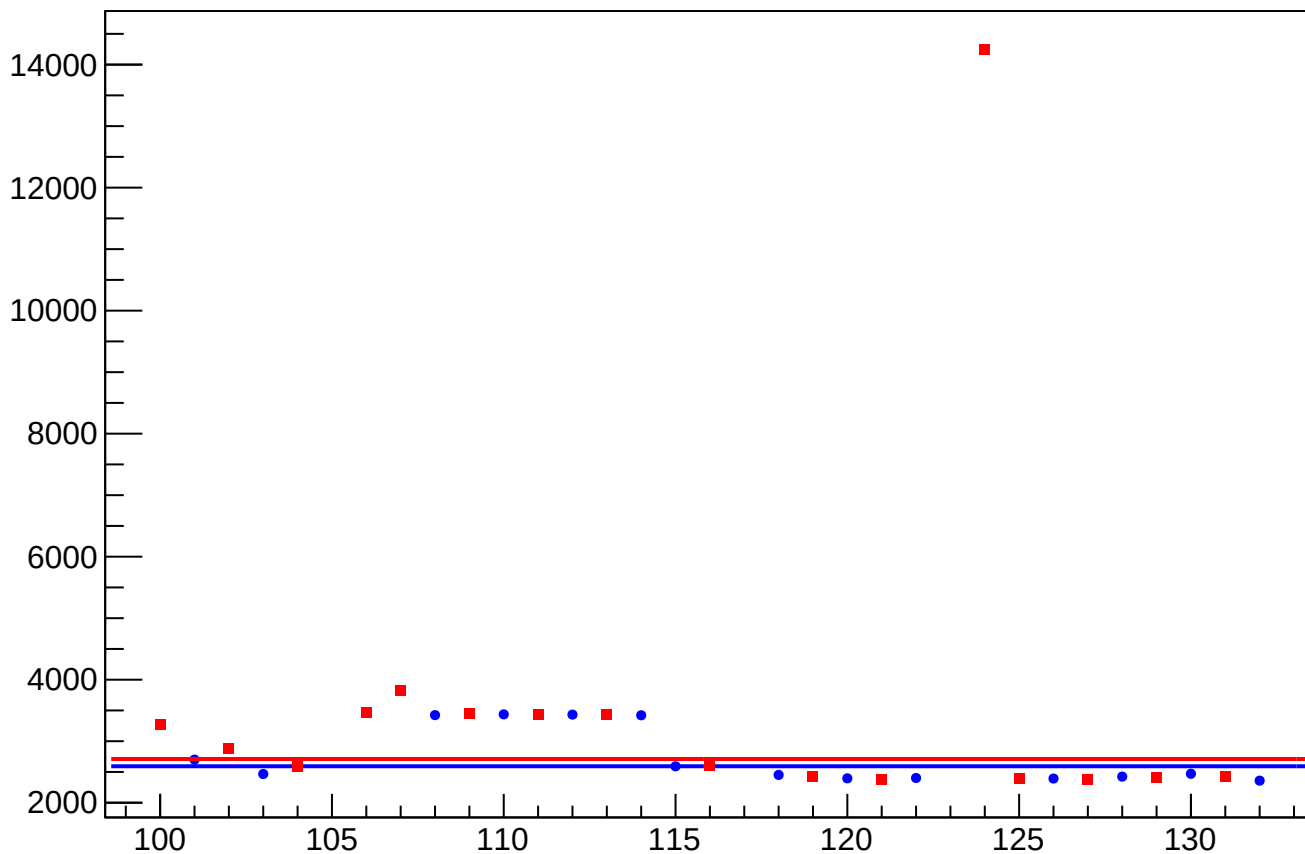
Right: 1883.614+/-767.254 χ^2/NDF : 28.8/29

In: 2194.536+/-1069.629 χ^2/NDF : 11.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1883.614+/-767.254 χ^2/NDF : 28.8/29

cor_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2592.644+/-0.756 χ^2/NDF : 205932.1/13

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

Right Out: 2711.123+/-0.779 χ^2/NDF : 504291.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

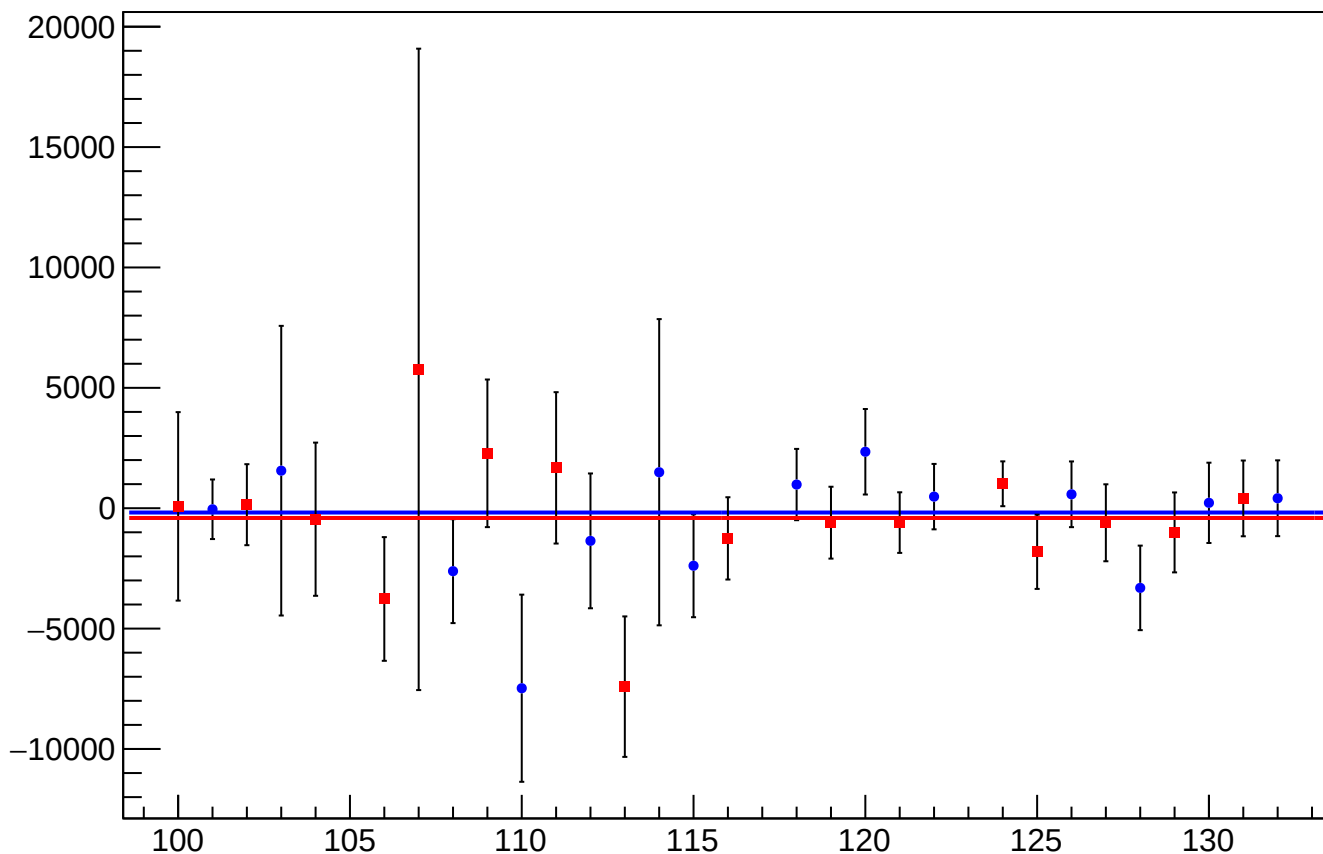
Right: 2650.162+/-0.543 χ^2/NDF : 722136.2/29

In: 2592.644+/-0.756 χ^2/NDF : 205932.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2650.162+/-0.543 χ^2/NDF : 722136.2/29

asym_atl1_cor_correction_mean vs Slug, Sign Corrected



Right In: -178.707+/-483.818 χ^2/NDF : 12.8/13

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

Right Out: -405.362+/-440.476 χ^2/NDF : 12.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

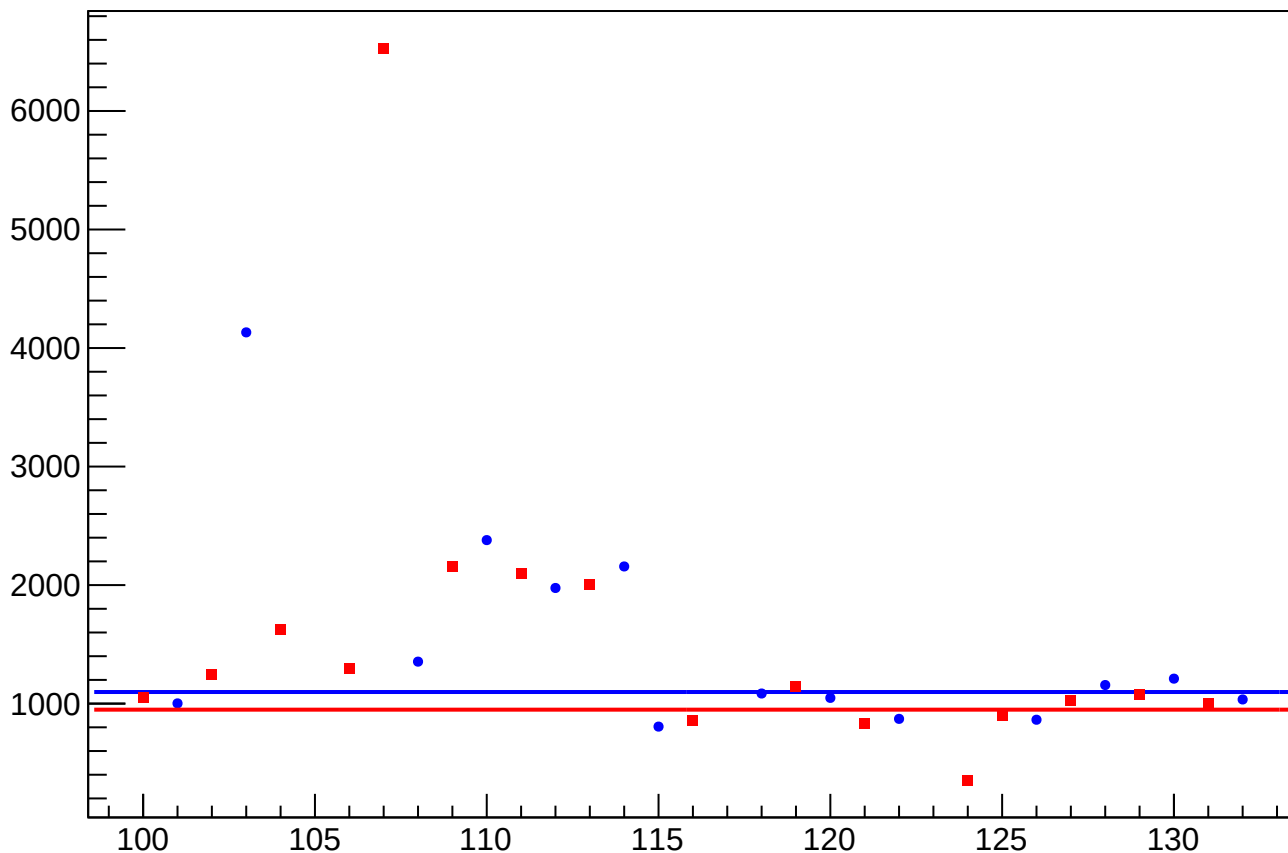
Right: -302.639+/-325.711 χ^2/NDF : 25.8/29

In: -178.707+/-483.818 χ^2/NDF : 12.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -302.639+/-325.711 χ^2/NDF : 25.8/29

asym_atl1_cor_correction_rms vs Slug, Sign Corrected



Right In: 1097.869+/-0.342 χ^2/NDF : 1186528.0/13

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

Right Out: 948.970+/-0.311 χ^2/NDF : 2293105.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

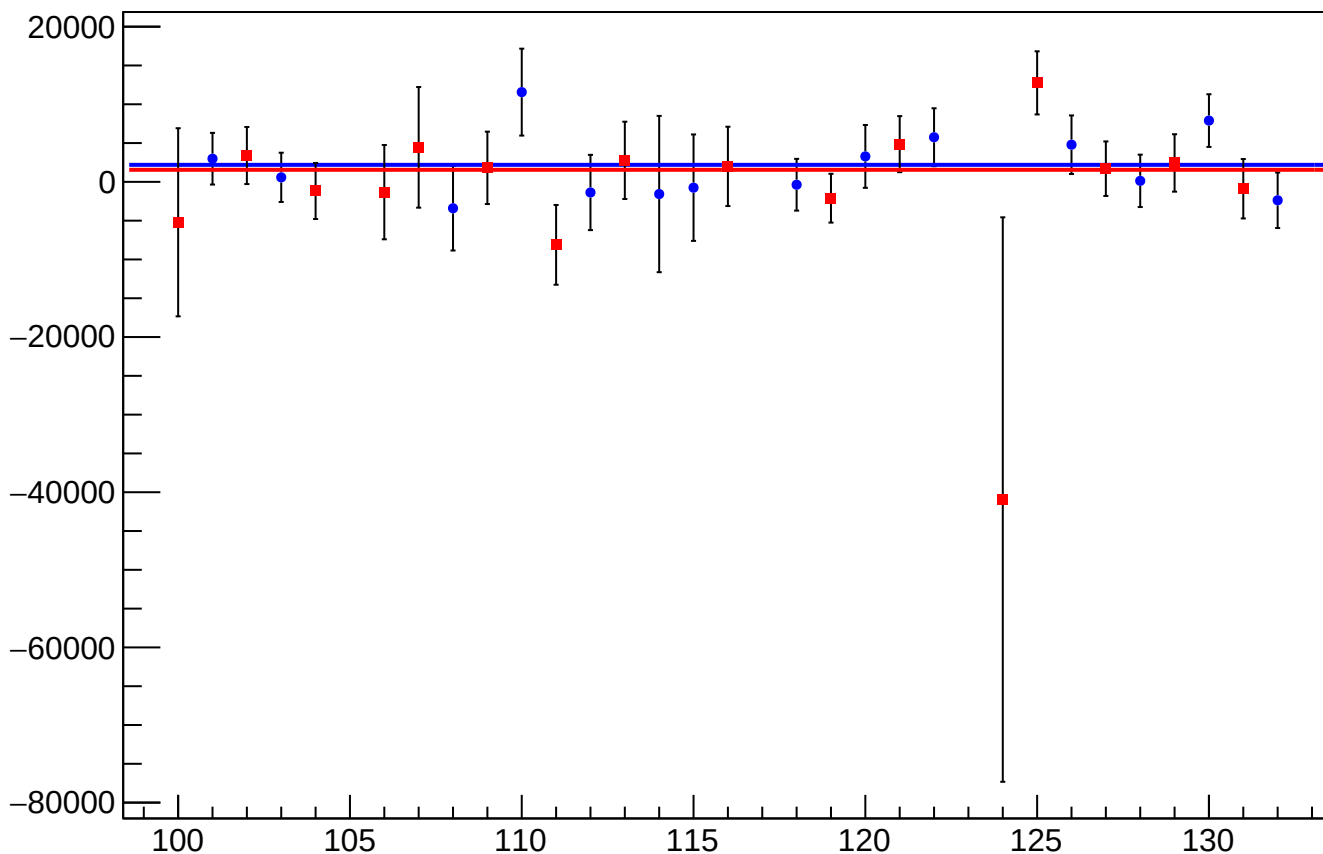
Right: 1016.452+/-0.230 χ^2/NDF : 3583211.8/29

In: 1097.869+/-0.342 χ^2/NDF : 1186528.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1016.452+/-0.230 χ^2/NDF : 3583211.8/29

eigen_cor_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2194.536+/-1069.629 χ^2 /NDF: 11.9/13

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

Right Out: 1554.078+/-1101.181 χ^2 /NDF: 16.7/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

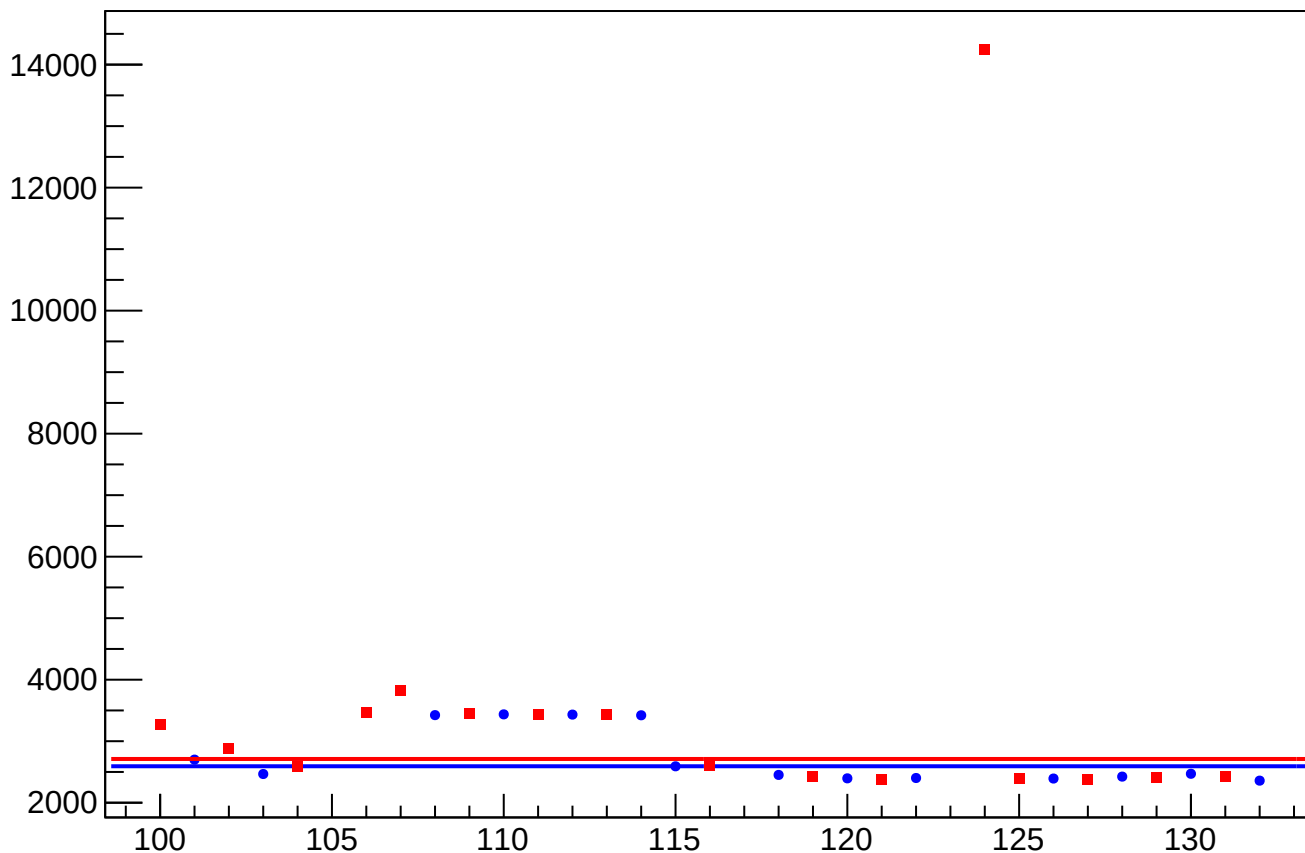
Right: 1883.614+/-767.254 χ^2 /NDF: 28.8/29

In: 2194.536+/-1069.629 χ^2 /NDF:11.9/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1883.614+/-767.254 χ^2 /NDF: 28.8/29

eigen_cor_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2592.644+/-0.756 χ^2/NDF : 205932.1/13

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

Right Out: 2711.123+/-0.779 χ^2/NDF : 504291.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

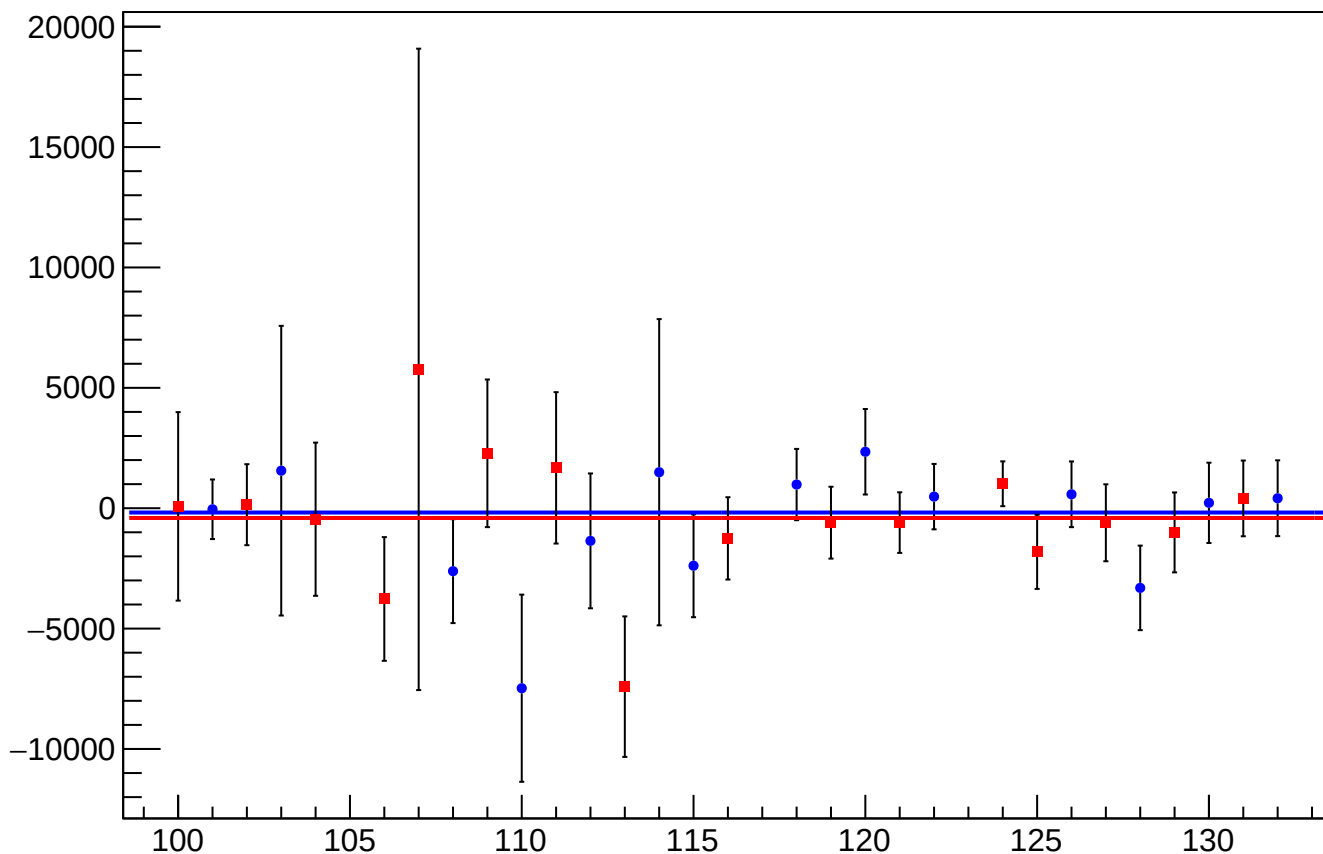
Right: 2650.162+/-0.543 χ^2/NDF : 722136.2/29

In: 2592.644+/-0.756 χ^2/NDF : 205932.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2650.162+/-0.543 χ^2/NDF : 722136.2/29

asym_atl1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -178.707 ± 483.818 χ^2/NDF : 12.8/13

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

Right Out: -405.362 ± 440.476 χ^2/NDF : 12.9/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

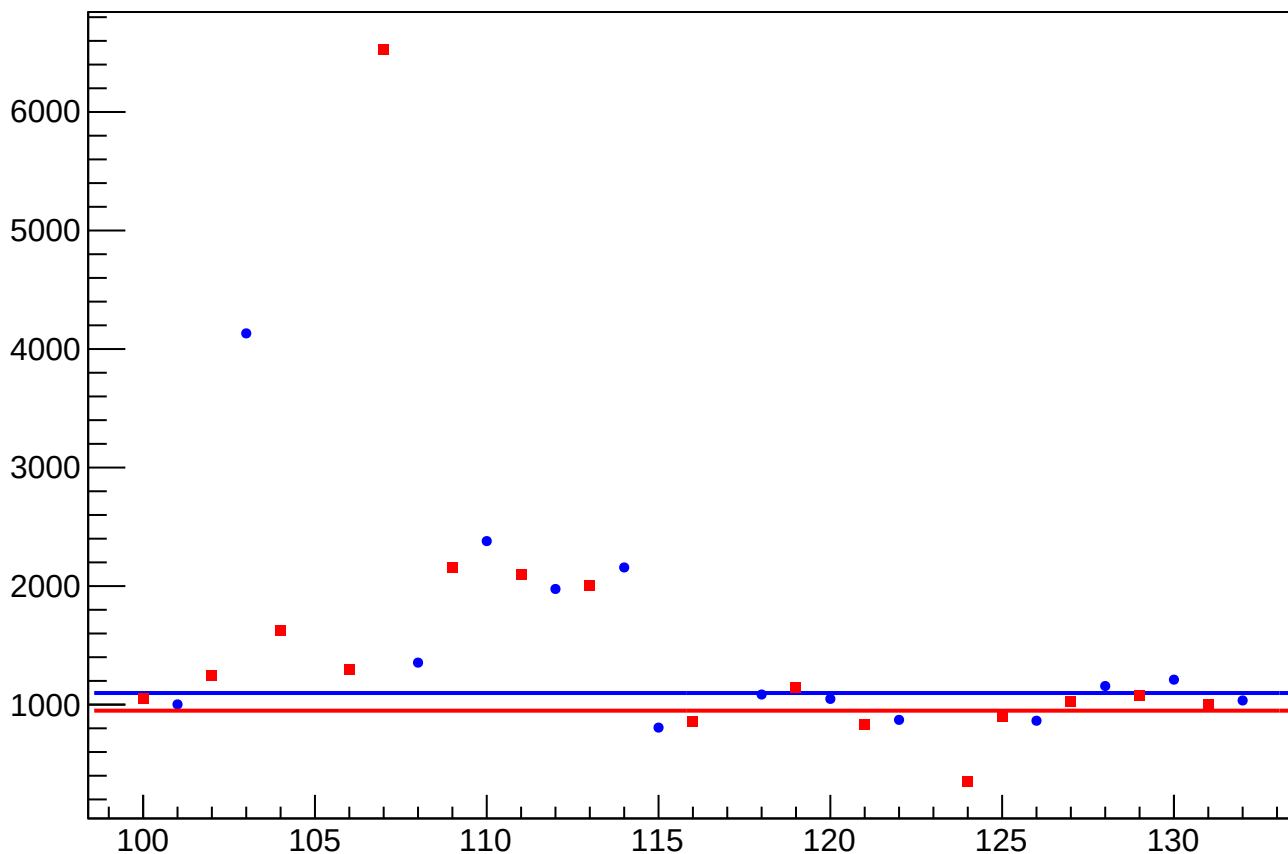
Right: -302.639 ± 325.711 χ^2/NDF : 25.8/29

In: -178.707 ± 483.818 χ^2/NDF : 12.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -302.639 ± 325.711 χ^2/NDF : 25.8/29

asym_atl1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1097.869+/-0.342 χ^2/NDF : 1186528.0/13

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

Right Out: 948.970+/-0.311 χ^2/NDF : 2293105.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

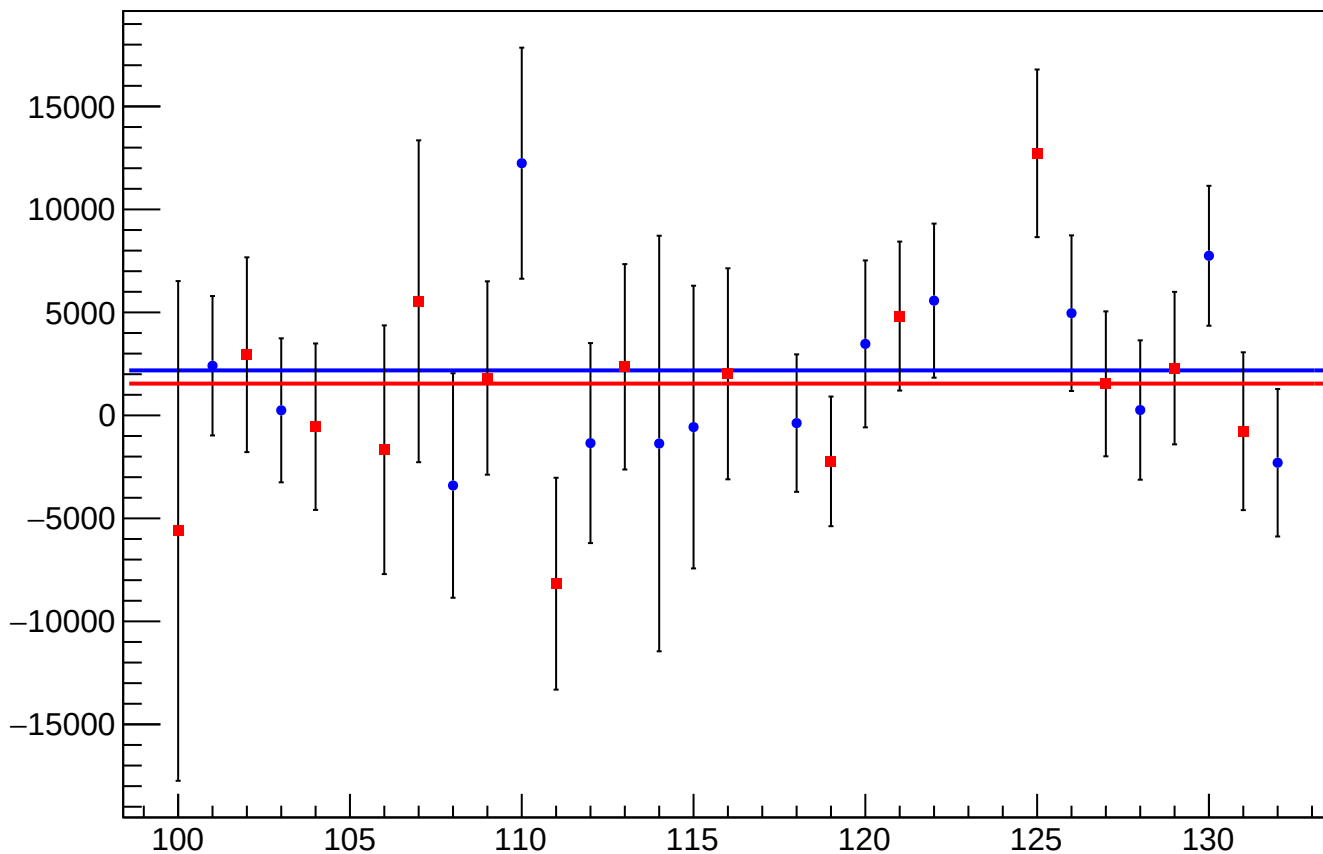
Right: 1016.452+/-0.230 χ^2/NDF : 3583211.8/29

In: 1097.869+/-0.342 χ^2/NDF : 1186528.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1016.452+/-0.230 χ^2/NDF : 3583211.8/29

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2184.148+/-1083.143 χ^2/NDF : 12.0/13

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

Right Out: 1543.711+/-1133.845 χ^2/NDF : 15.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

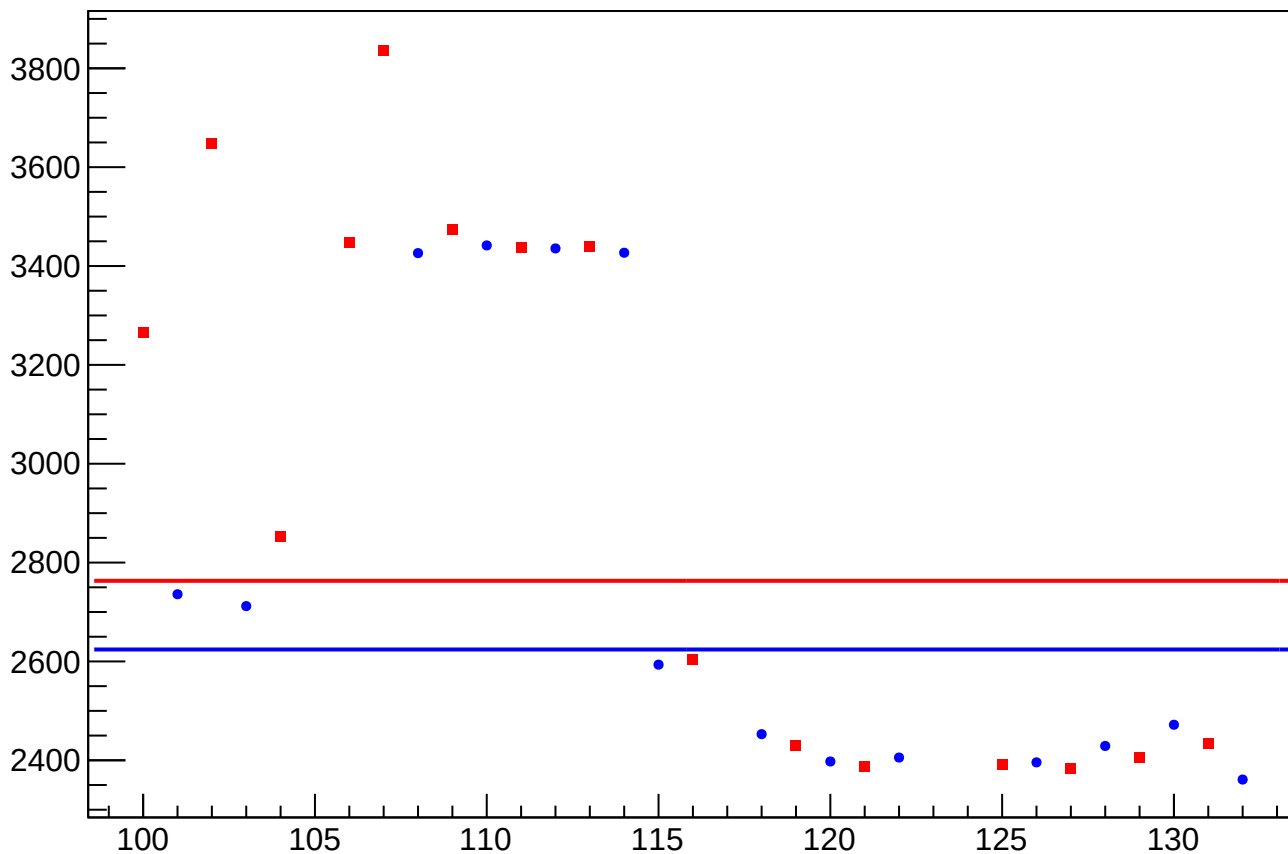
Right: 1878.569+/-783.209 χ^2/NDF : 27.3/28

In: 2184.148+/-1083.143 χ^2/NDF : 12.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1878.569+/-783.209 χ^2/NDF : 27.3/28

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2624.181+/-0.766 χ^2/NDF : 204920.5/13

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

Right Out: 2763.096+/-0.802 χ^2/NDF : 374114.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

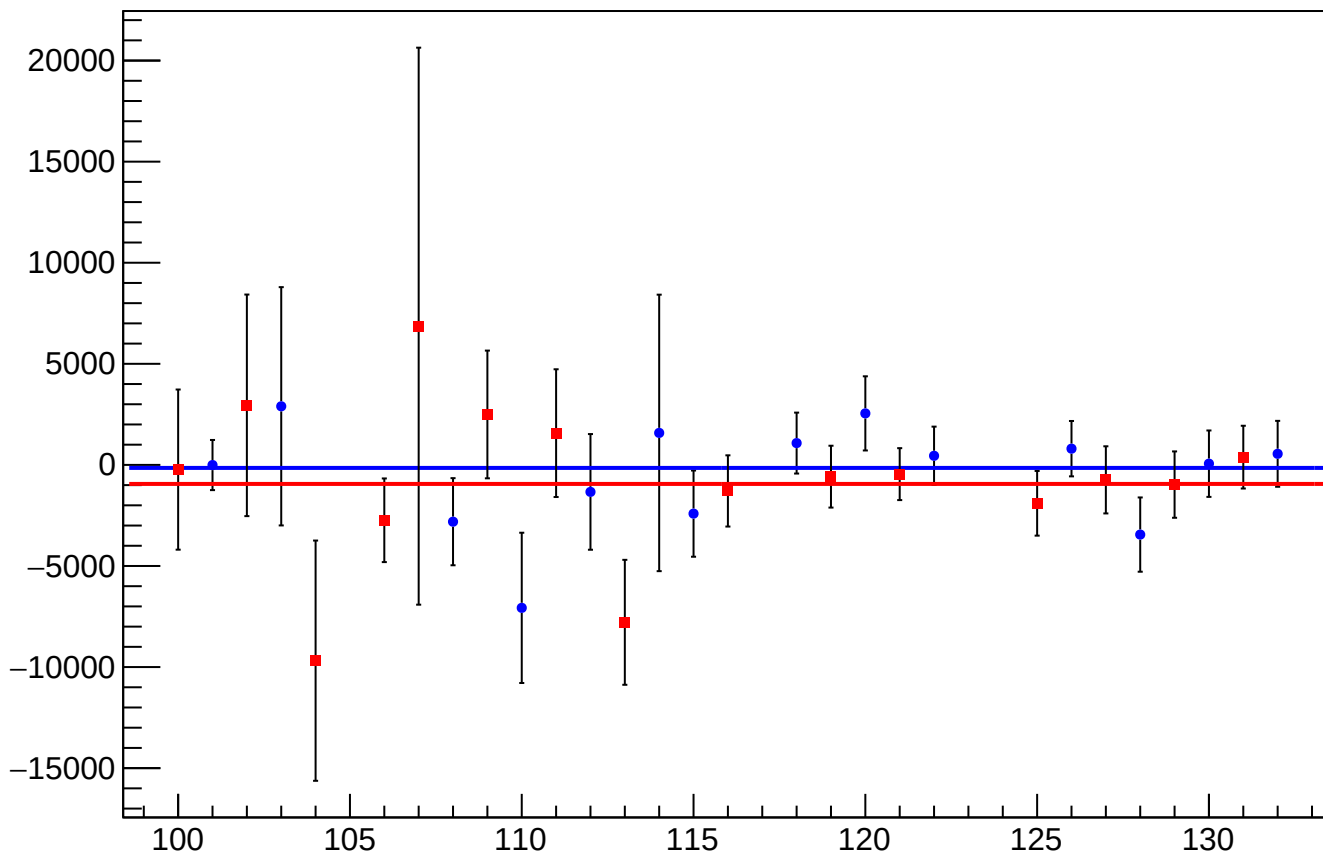
Right: 2690.463+/-0.554 χ^2/NDF : 594731.2/28

In: 2624.181+/-0.766 χ^2/NDF : 204920.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2690.463+/-0.554 χ^2/NDF : 594731.2/28

asym_atl1_dit_correction_mean vs Slug, Sign Corrected



Right In: -148.957 ± 492.413 χ^2/NDF : 13.5/13

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

Right Out: -941.369 ± 529.638 χ^2/NDF : 11.8/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

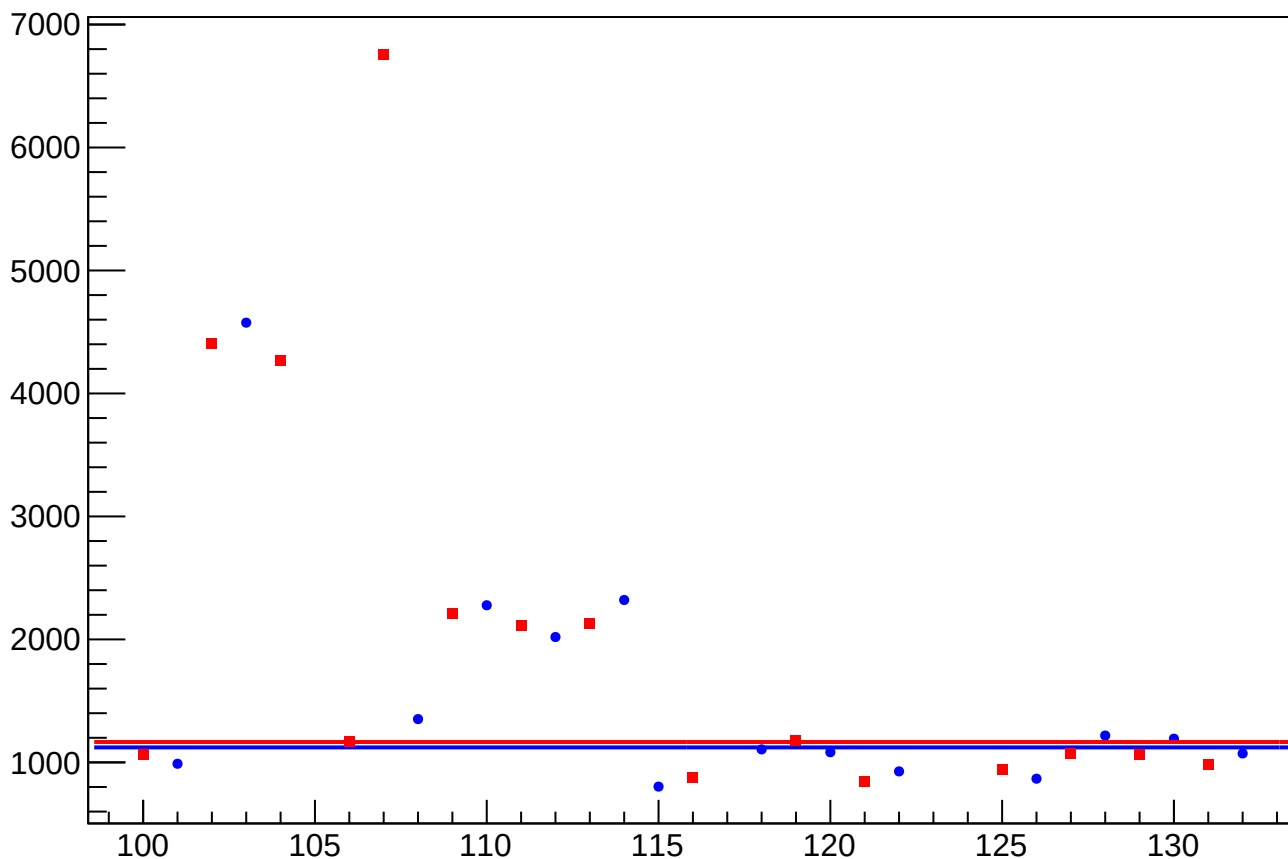
Right: -516.340 ± 360.631 χ^2/NDF : 26.6/28

In: -148.957 ± 492.413 χ^2/NDF : 13.5/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -516.340 ± 360.631 χ^2/NDF : 26.6/28

asym_atl1_dit_correction_rms vs Slug, Sign Corrected



Right In: 1121.807+/-0.348 χ^2/NDF : 1346868.5/13

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

Right Out: 1165.887+/-0.375 χ^2/NDF : 2420577.0/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

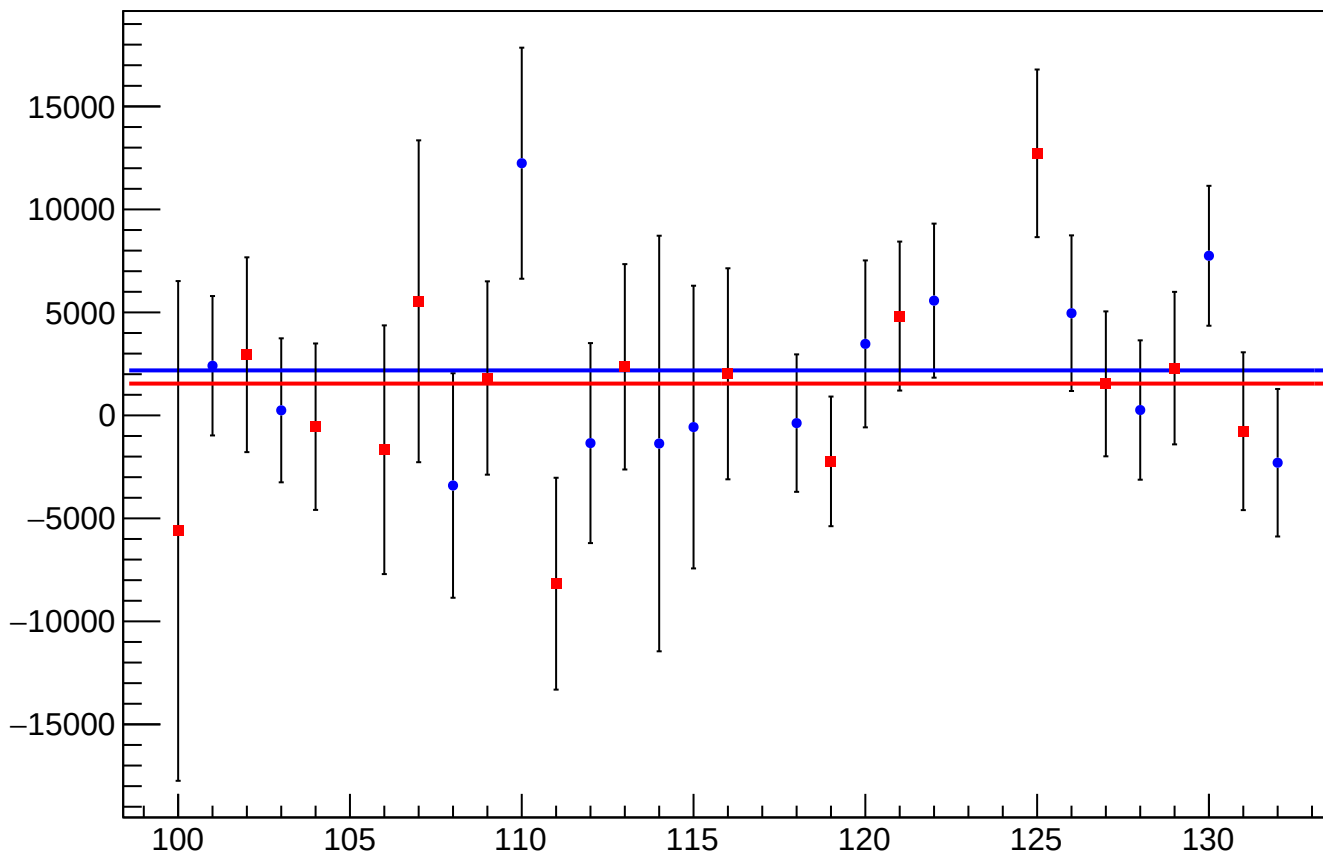
Right: 1142.243+/-0.255 χ^2/NDF : 3774876.1/28

In: 1121.807+/-0.348 χ^2/NDF : 1346868.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1142.243+/-0.255 χ^2/NDF : 3774876.1/28

eigen_dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2184.145 $\pm$ 1083.142 χ^2 /NDF: 12.0/13

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

Right Out: 1543.709 $\pm$ 1133.845 χ^2 /NDF: 15.1/14

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

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

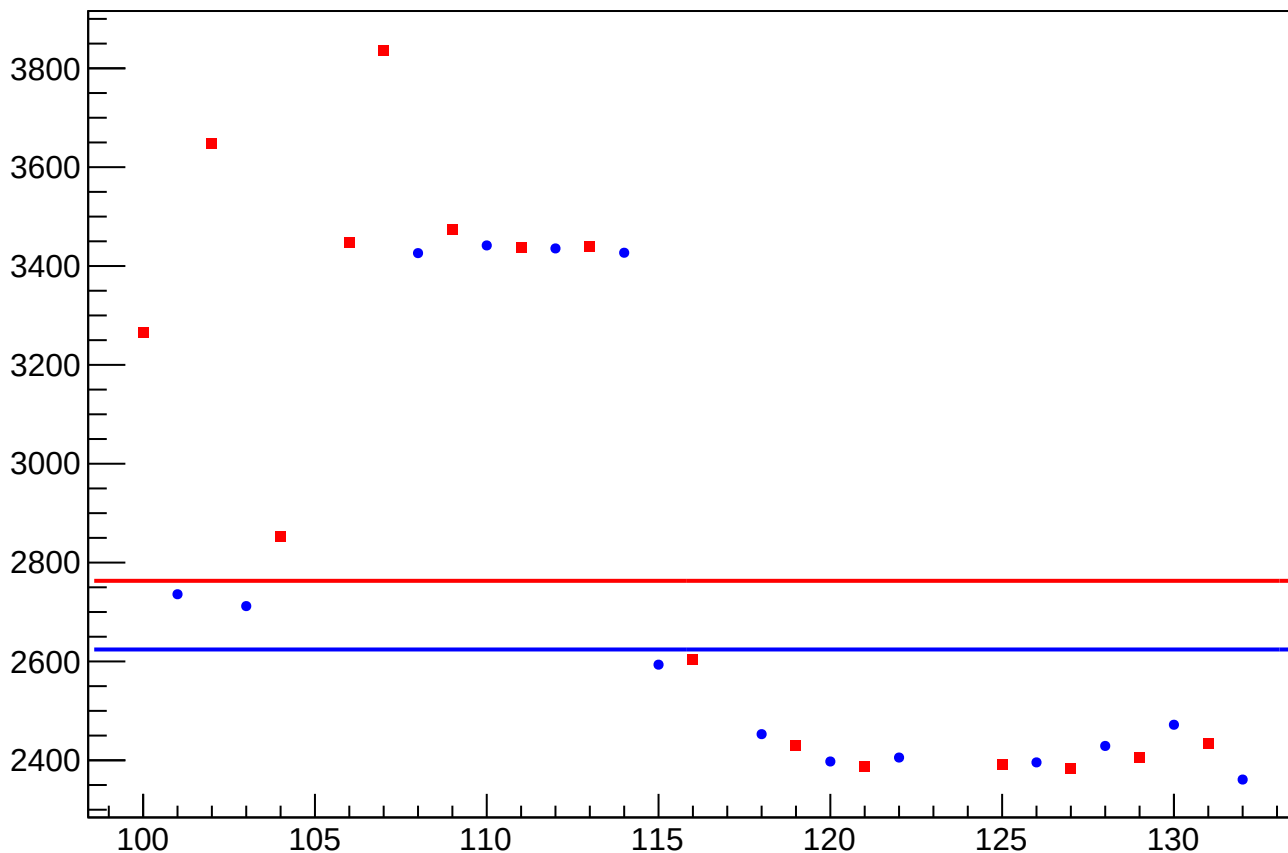
Right: 1878.566 $\pm$ 783.209 χ^2 /NDF: 27.3/28

In: 2184.145 $\pm$ 1083.142 χ^2 /NDF:12.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1878.566 $\pm$ 783.209 χ^2 /NDF: 27.3/28

eigen_dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2624.180+/-0.766 χ^2/NDF : 204920.3/13

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

Right Out: 2763.095+/-0.802 χ^2/NDF : 374113.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

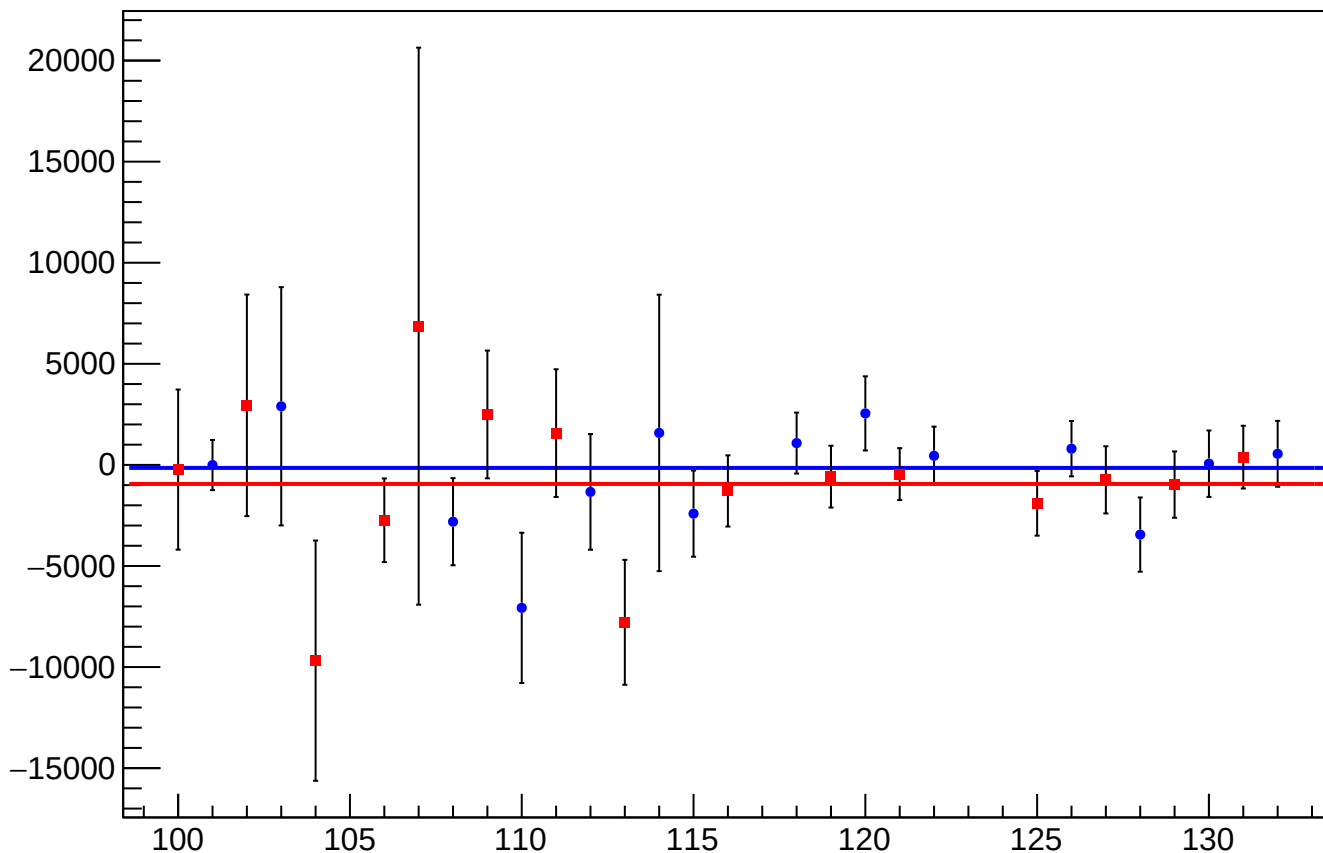
Right: 2690.462+/-0.554 χ^2/NDF : 594730.6/28

In: 2624.180+/-0.766 χ^2/NDF : 204920.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2690.462+/-0.554 χ^2/NDF : 594730.6/28

asym_atl1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -148.958+/-492.412 χ^2/NDF : 13.5/13

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

Right Out: -941.368+/-529.638 χ^2/NDF : 11.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

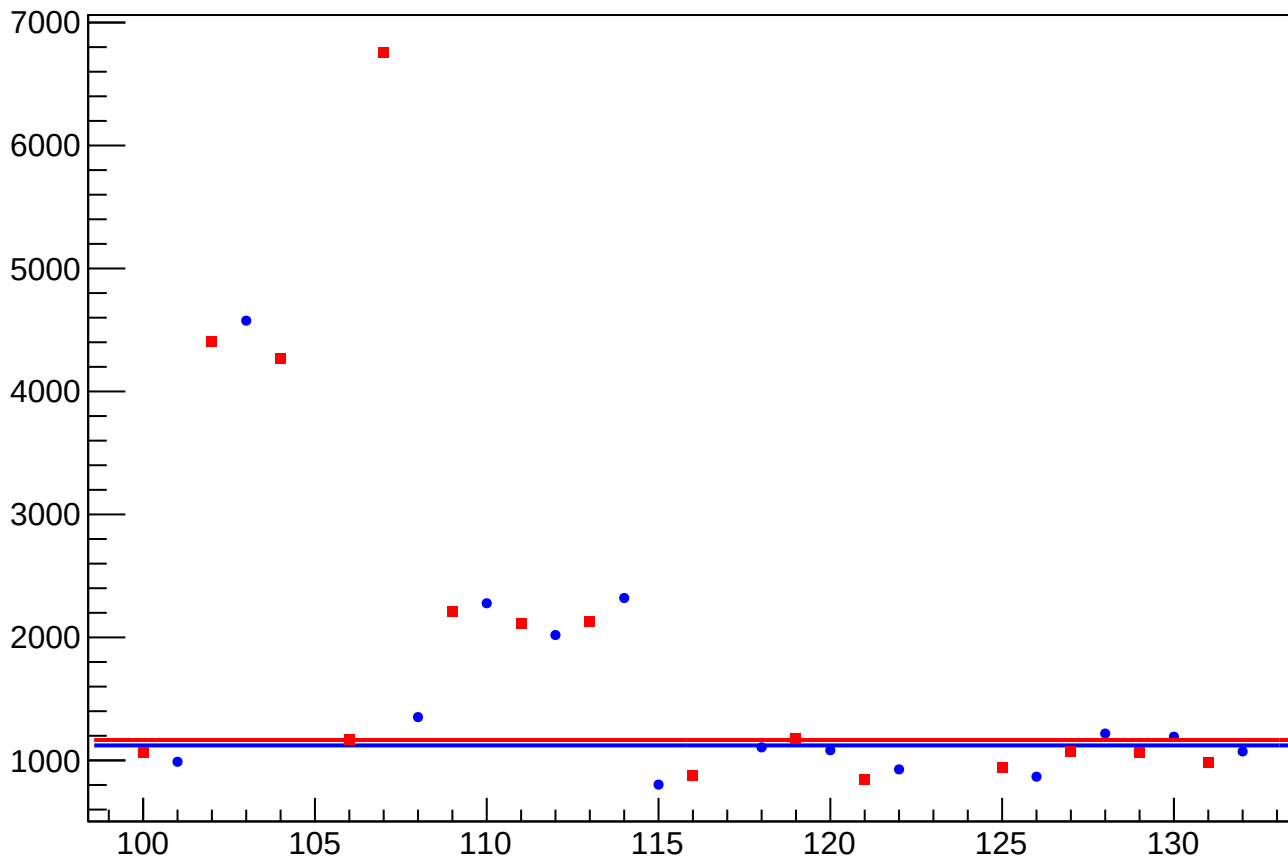
Right: -516.340+/-360.631 χ^2/NDF : 26.6/28

In: -148.958+/-492.412 χ^2/NDF : 13.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -516.340+/-360.631 χ^2/NDF : 26.6/28

asym_atl1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1121.806+/-0.348 χ^2/NDF : 1346869.4/13

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

Right Out: 1165.886+/-0.375 χ^2/NDF : 2420579.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

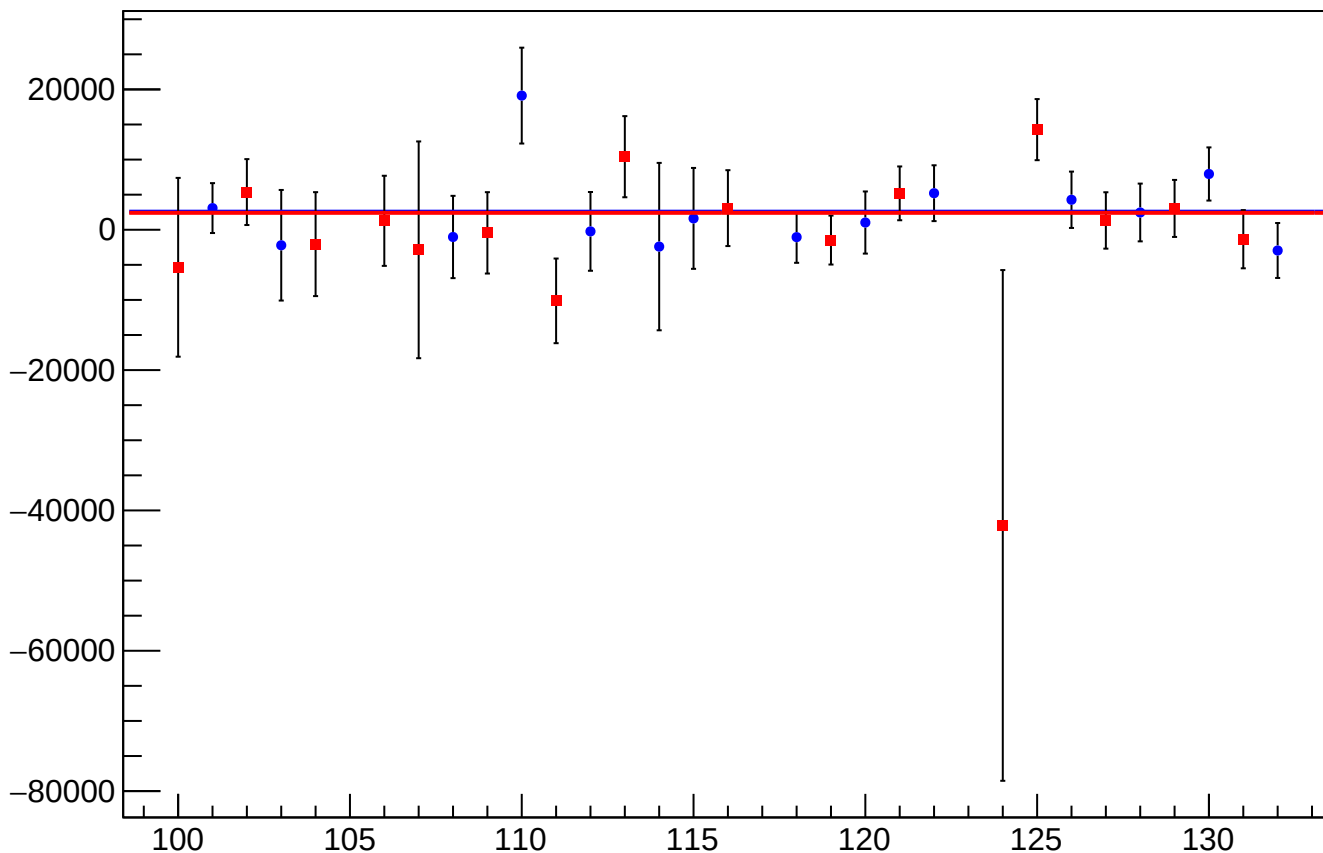
Right: 1142.242+/-0.255 χ^2/NDF : 3774879.4/28

In: 1121.806+/-0.348 χ^2/NDF : 1346869.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1142.242+/-0.255 χ^2/NDF : 3774879.4/28

asym_atl1_mean vs Slug, Sign Corrected



Right In: 2575.404+/-1241.708 χ^2/NDF : 12.8/13

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

Right Out: 2414.540+/-1286.749 χ^2/NDF : 19.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

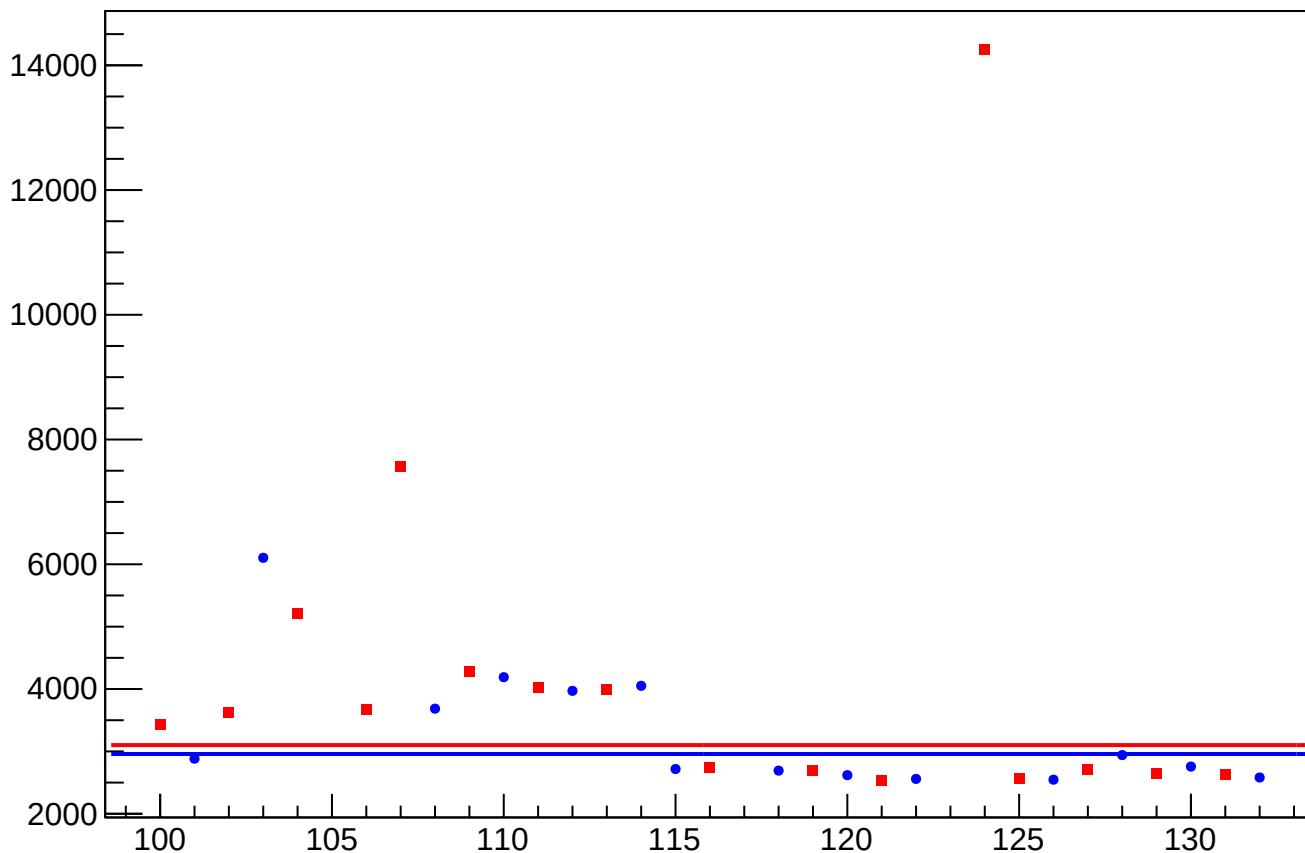
Right: 2497.837+/-893.519 χ^2/NDF : 32.2/29

In: 2575.404+/-1241.708 χ^2/NDF : 12.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2497.837+/-893.519 χ^2/NDF : 32.2/29

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2958.104+/-0.878 χ^2/NDF : 587279.7/13

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

Right Out: 3101.061+/-0.910 χ^2/NDF : 916933.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

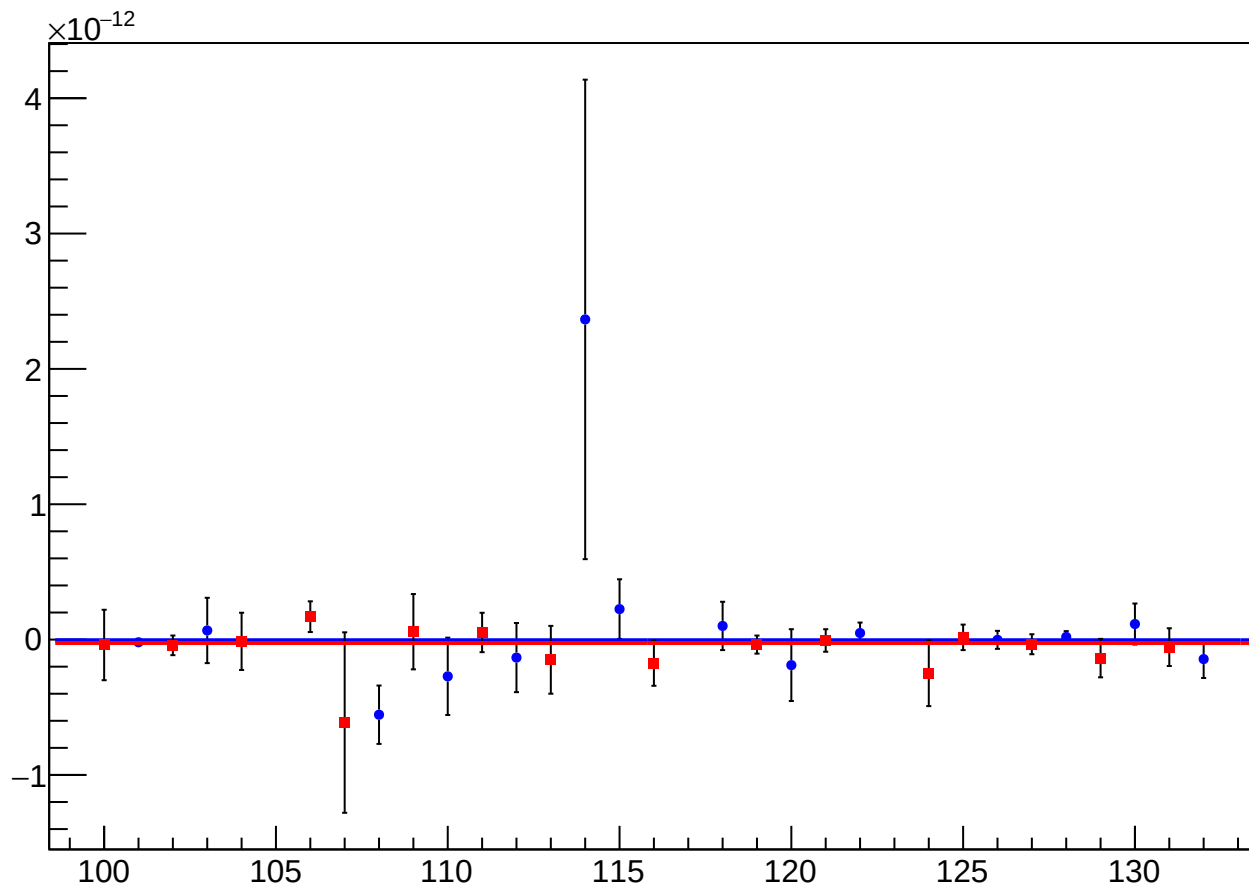
Right: 3027.037+/-0.632 χ^2/NDF : 1516995.4/29

In: 2958.104+/-0.878 χ^2/NDF :587279.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3027.037+/-0.632 χ^2/NDF : 1516995.4/29

asym_atl1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 14.0/13

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

Right Out: -0.000+/-0.000 χ^2 /NDF: 7.0/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

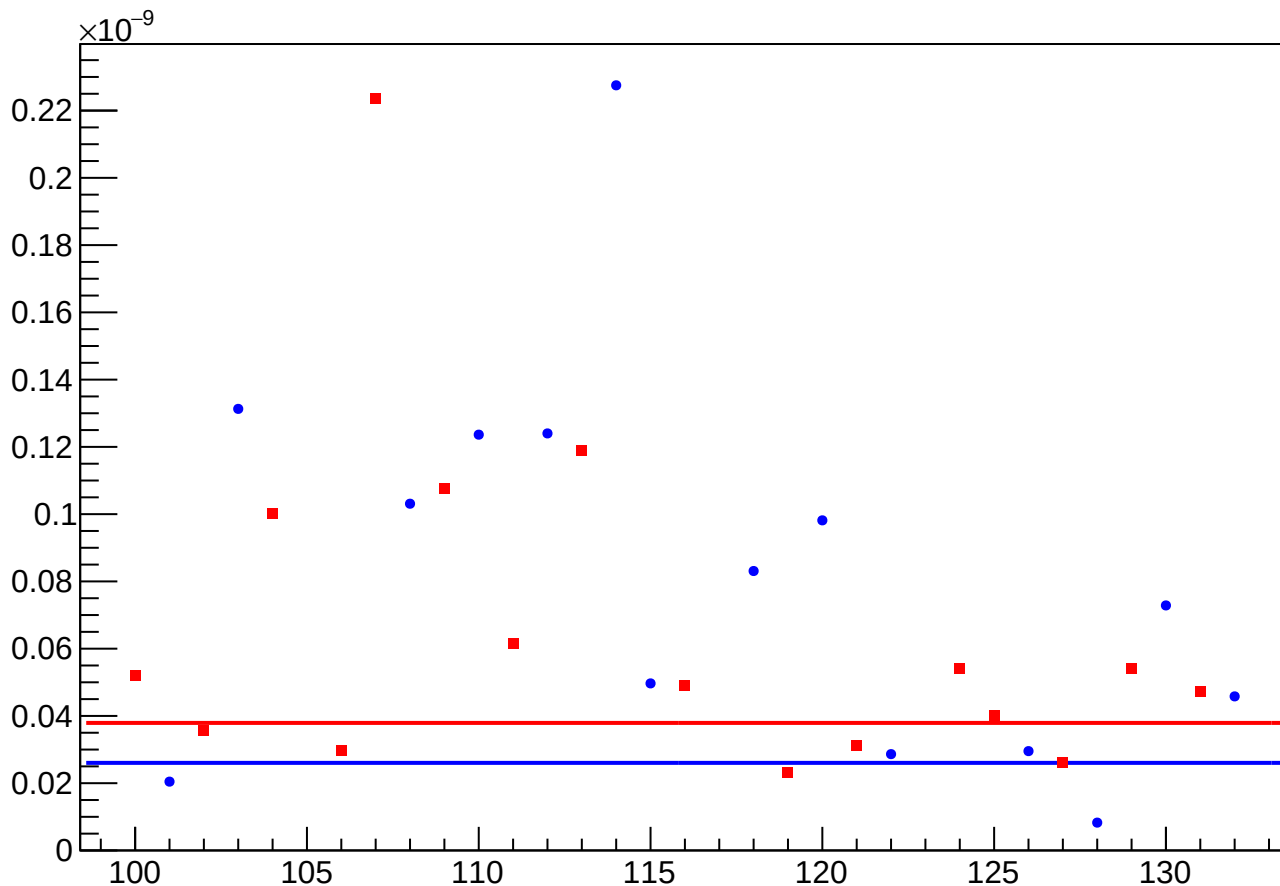
Right: -0.000+/-0.000 χ^2 /NDF: 21.3/29

In: -0.000+/-0.000 χ^2 /NDF:14.0/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 21.3/29

asym_atl1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2190567.4/13

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

Right Out: 0.000+/-0.000 χ^2/NDF : 950221.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

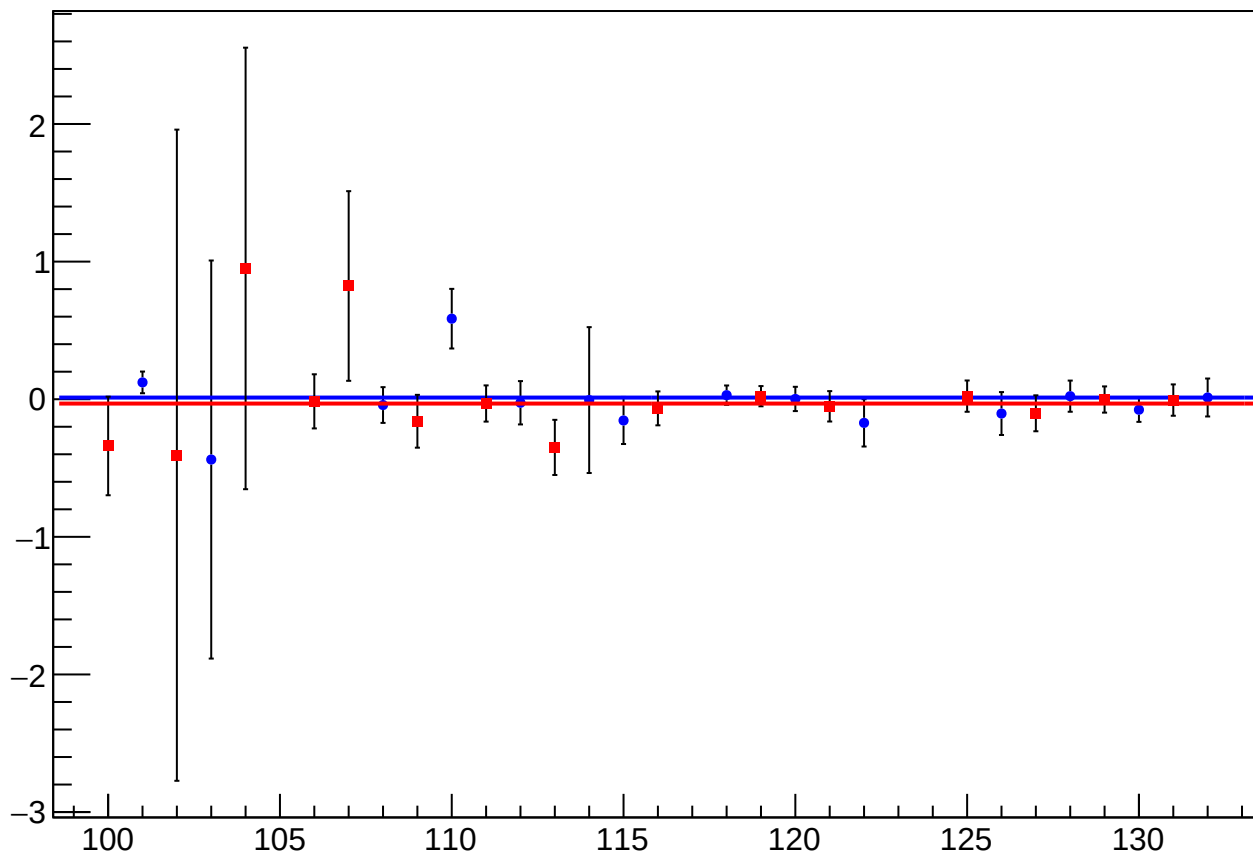
Right: 0.000+/-0.000 χ^2/NDF : 3349219.7/29

In: 0.000+/-0.000 χ^2/NDF : 2190567.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3349219.7/29

asym_atl1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.032 χ^2 /NDF: 13.0/13

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

Right Out: -0.032 $\pm$ 0.035 χ^2 /NDF: 7.0/14

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

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

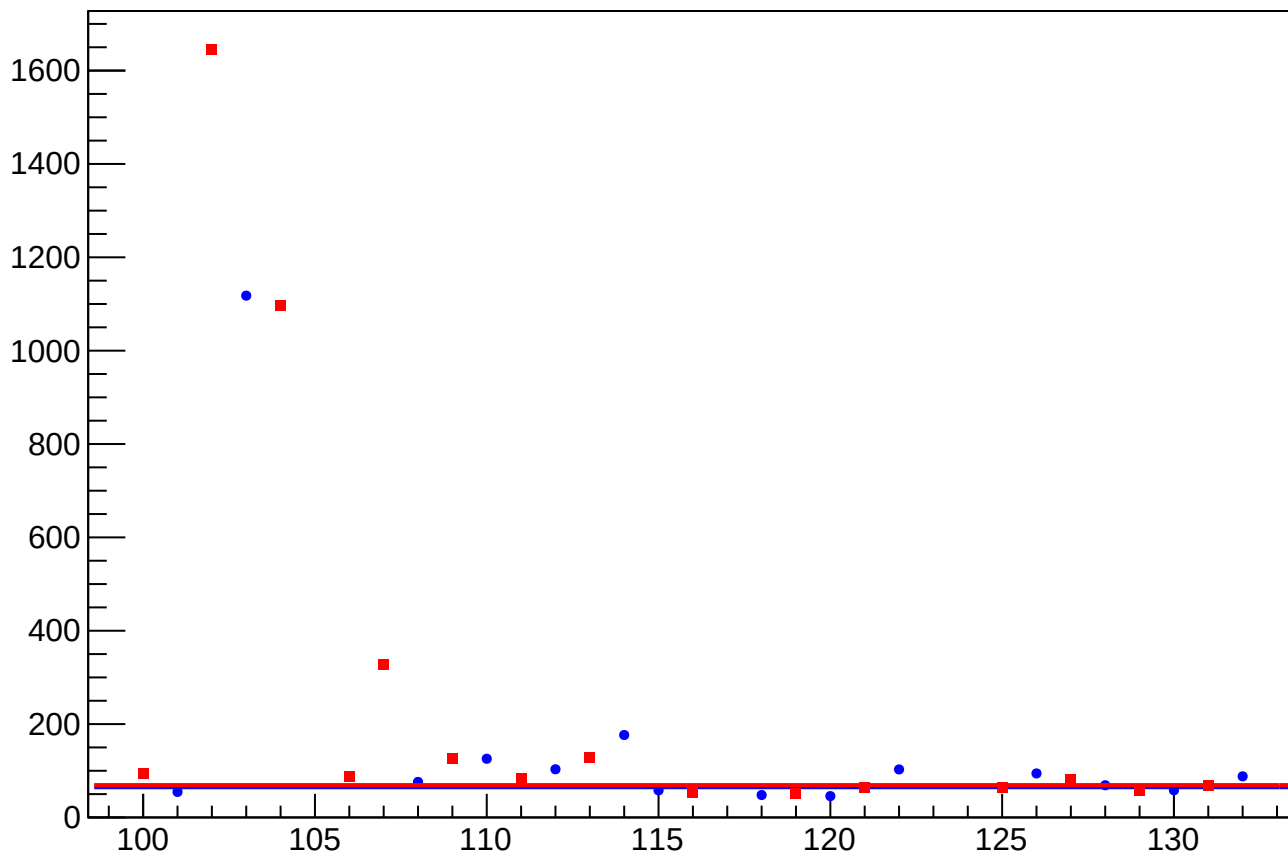
Right: -0.008 $\pm$ 0.024 χ^2 /NDF: 20.8/28

In: 0.012 $\pm$ 0.032 χ^2 /NDF:13.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.024 χ^2 /NDF: 20.8/28

asym_atl1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 64.746+/-0.023 χ^2/NDF : 1925103.5/13

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

Right Out: 69.360+/-0.025 χ^2/NDF : 2587532.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

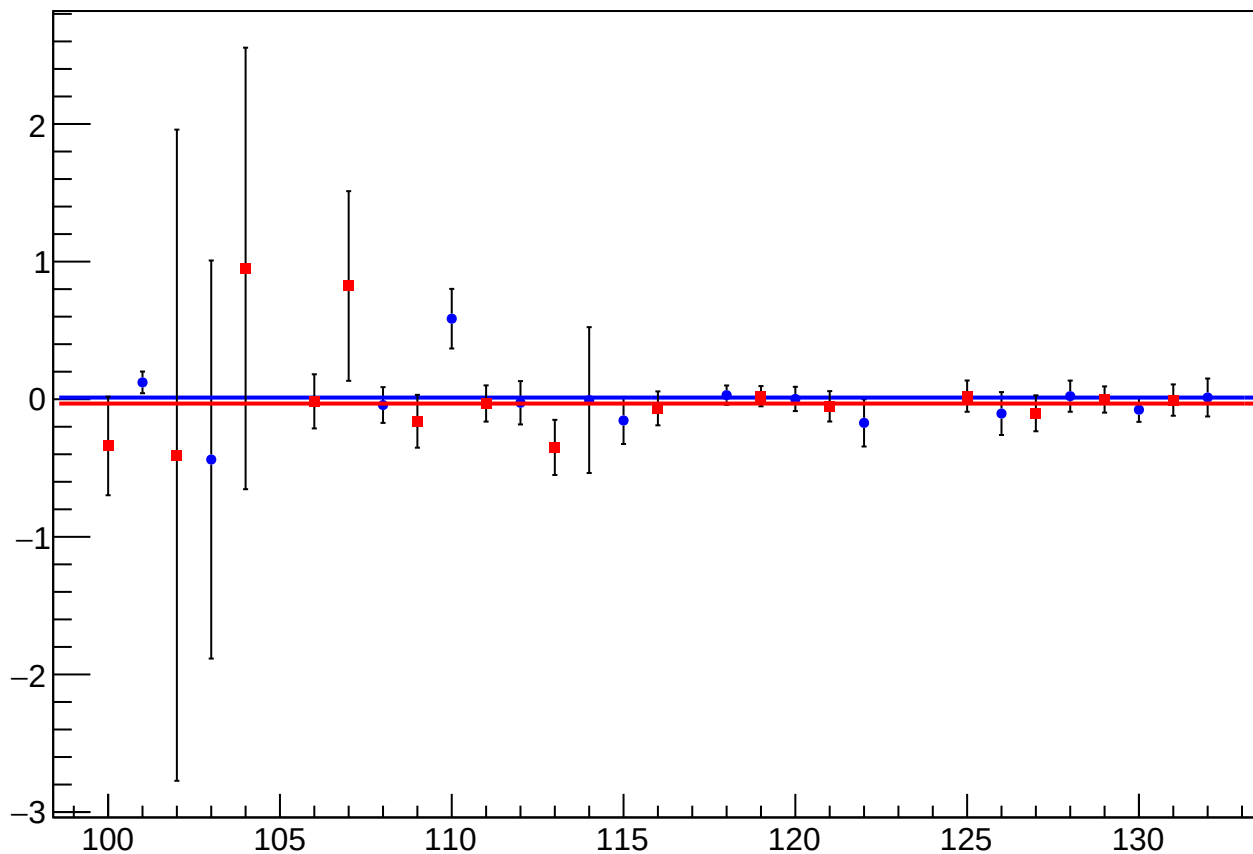
Right: 66.818+/-0.017 χ^2/NDF : 4531465.3/28

In: 64.746+/-0.023 χ^2/NDF : 1925103.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.818+/-0.017 χ^2/NDF : 4531465.3/28

asym_atl1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.032 χ^2 /NDF: 13.0/13

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

Right Out: -0.032 $\pm$ 0.035 χ^2 /NDF: 7.0/14

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

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

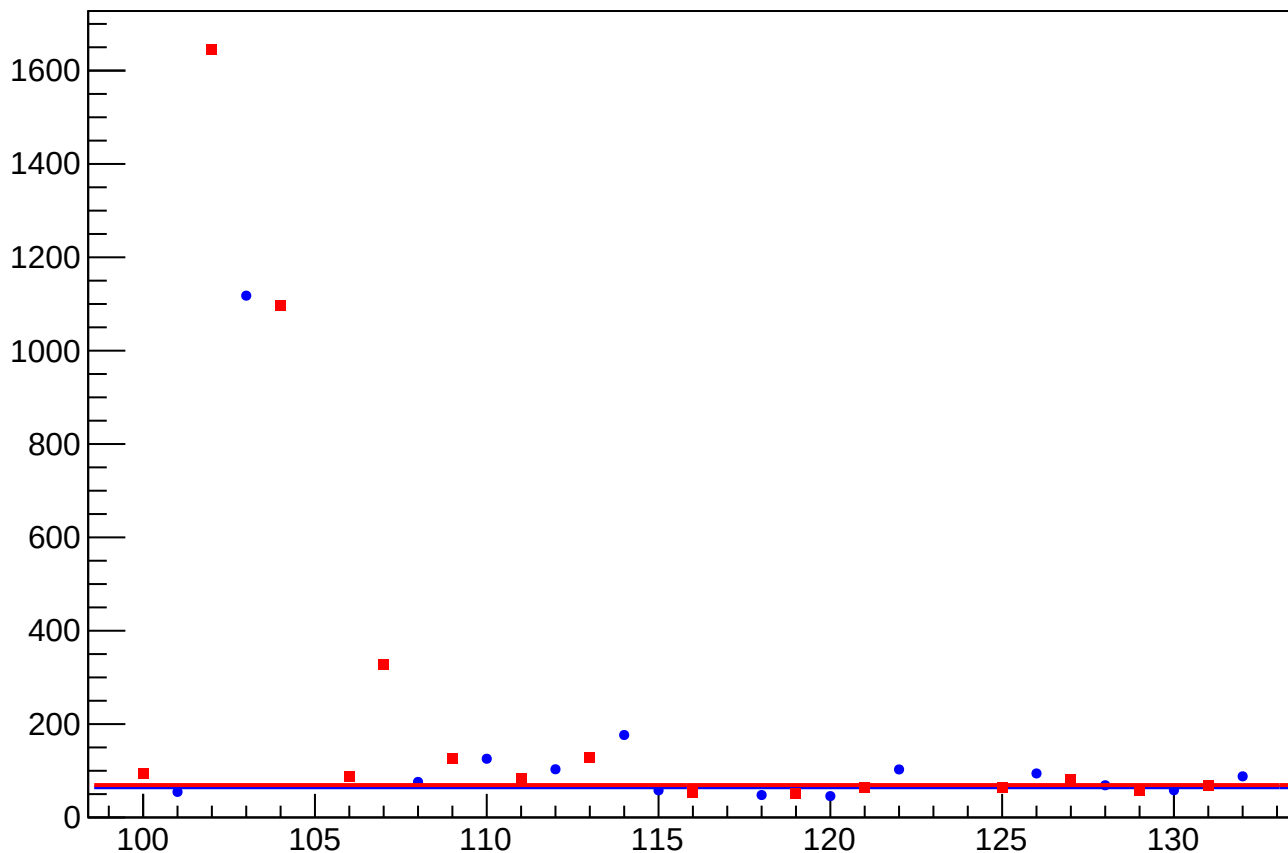
Right: -0.008 $\pm$ 0.024 χ^2 /NDF: 20.8/28

In: 0.012 $\pm$ 0.032 χ^2 /NDF:13.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.024 χ^2 /NDF: 20.8/28

asym_atl1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 64.746+/-0.023 χ^2/NDF : 1925103.5/13

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

Right Out: 69.360+/-0.025 χ^2/NDF : 2587532.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

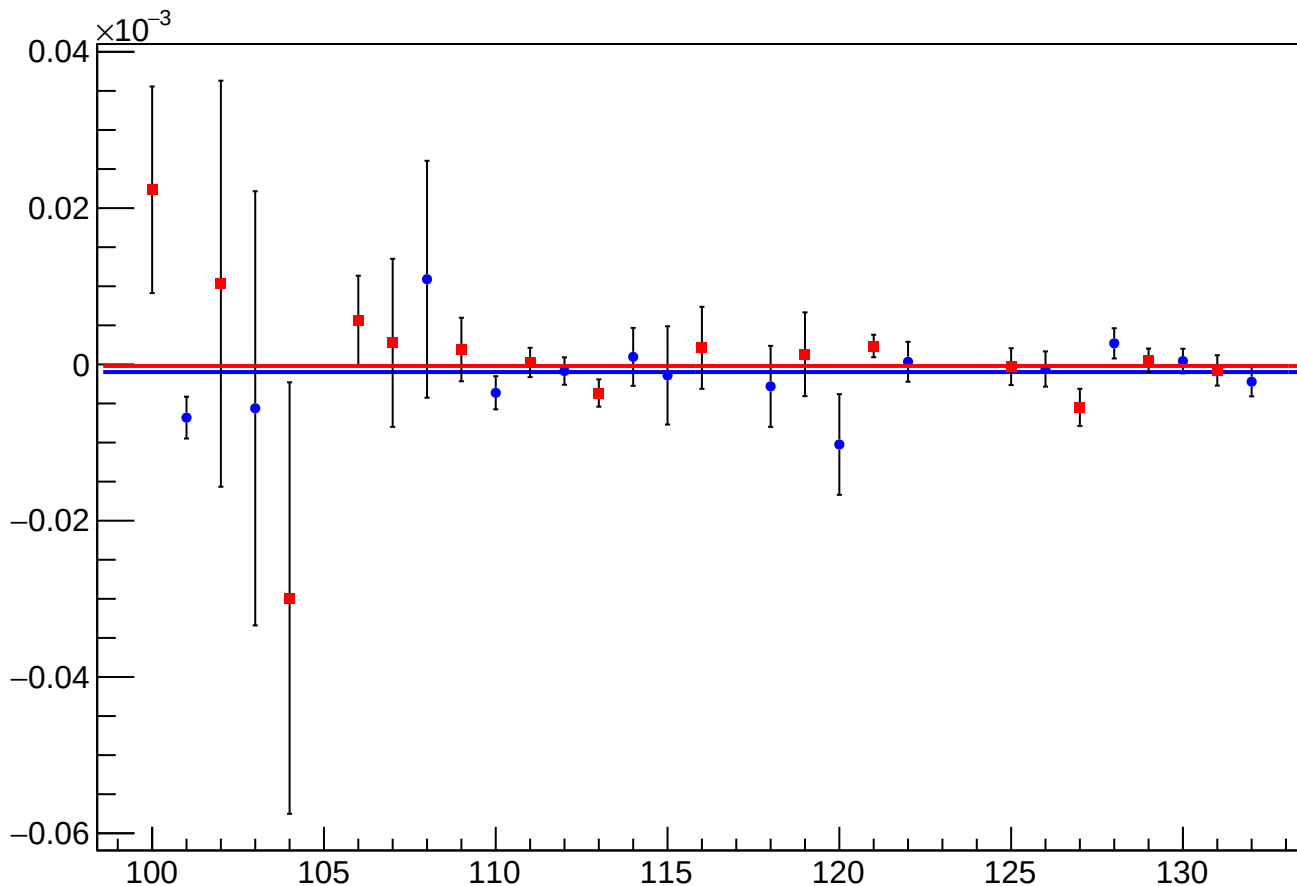
Right: 66.818+/-0.017 χ^2/NDF : 4531465.3/28

In: 64.746+/-0.023 χ^2/NDF : 1925103.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.818+/-0.017 χ^2/NDF : 4531465.3/28

asym_atl1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 14.6/13

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

Right Out: -0.000+/-0.000 χ^2 /NDF: 18.3/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

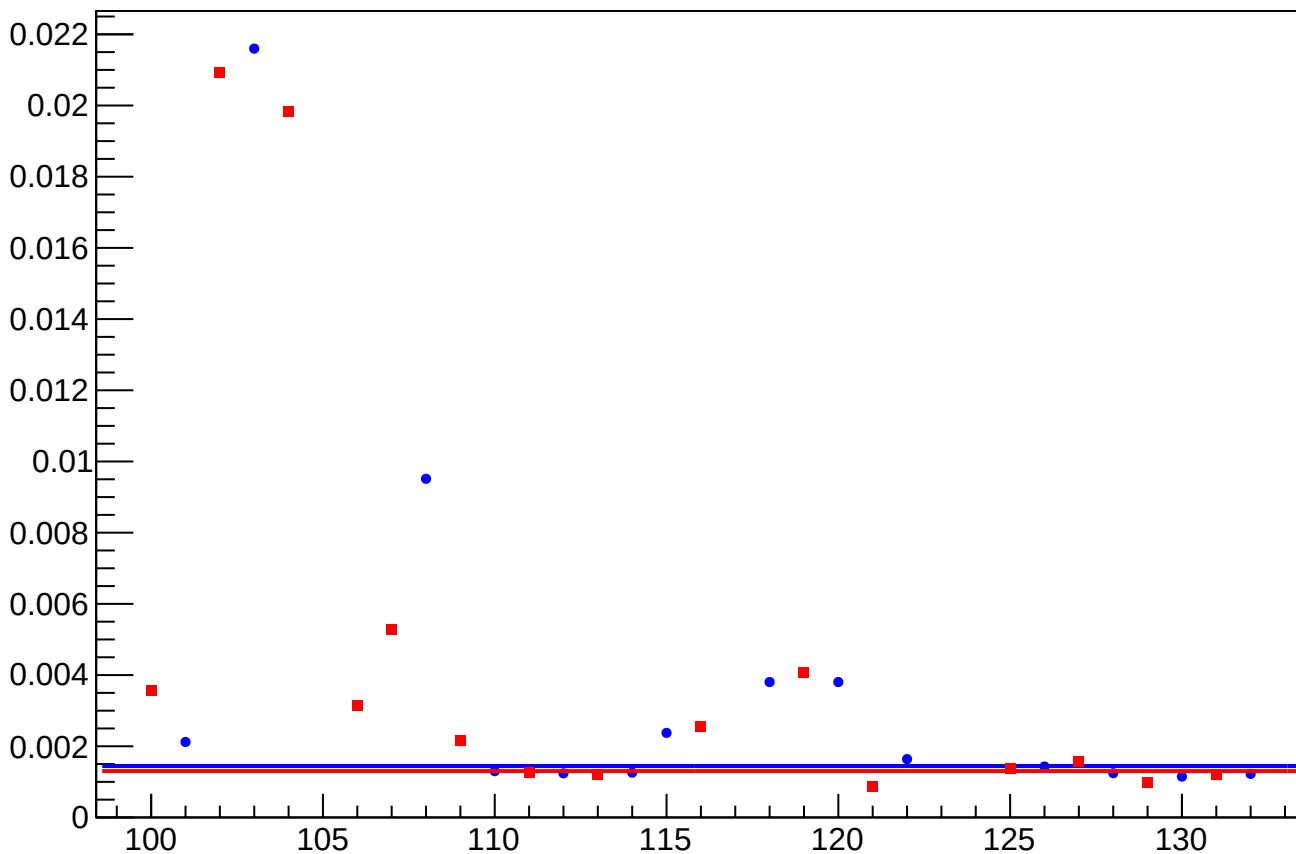
Right: -0.000+/-0.000 χ^2 /NDF: 33.5/28

In: -0.000+/-0.000 χ^2 /NDF:14.6/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 33.5/28

asym_atl1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000

χ^2/NDF : 2647685.9/13

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000

χ^2/NDF : 3609796.6/14

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.001+/-0.000

χ^2/NDF : 6303134.4/28

In: 0.001+/-0.000

χ^2/NDF : 2647685.9/13

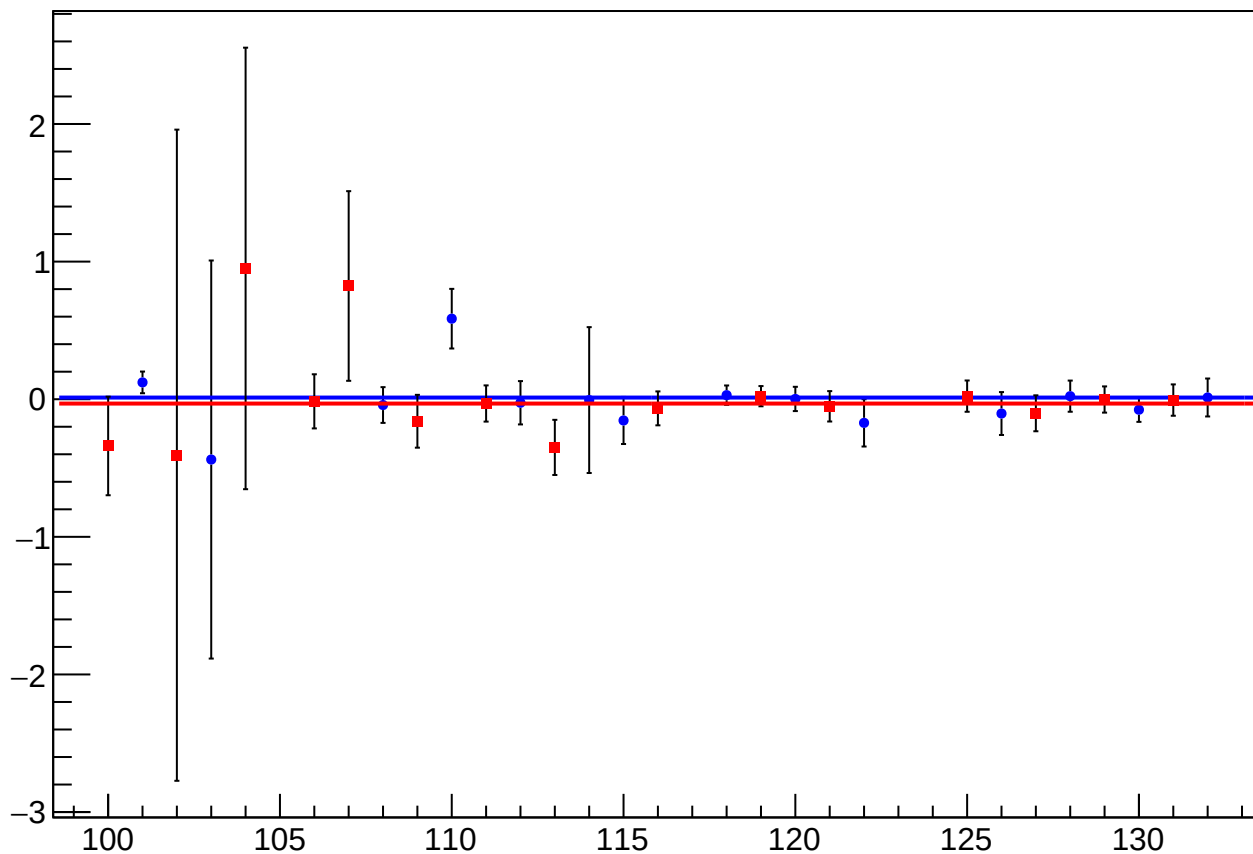
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.001+/-0.000

χ^2/NDF : 6303134.4/28

asym_atl1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.032 χ^2 /NDF: 13.0/13

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

Right Out: -0.032 $\pm$ 0.035 χ^2 /NDF: 7.0/14

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

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

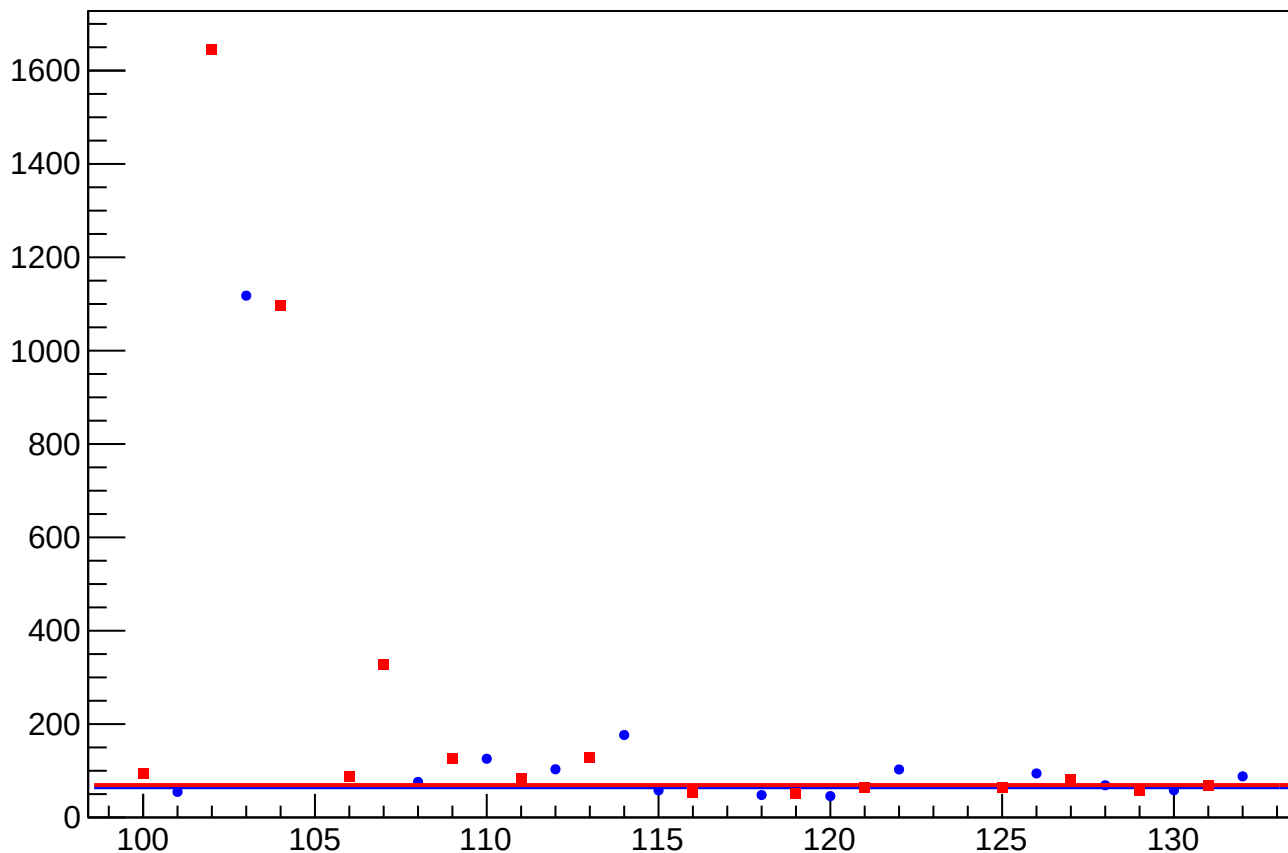
Right: -0.008 $\pm$ 0.024 χ^2 /NDF: 20.8/28

In: 0.012 $\pm$ 0.032 χ^2 /NDF:13.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.024 χ^2 /NDF: 20.8/28

asym_atl1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 64.745+/-0.023 χ^2/NDF : 1925174.0/13

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

Right Out: 69.359+/-0.025 χ^2/NDF : 2587548.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

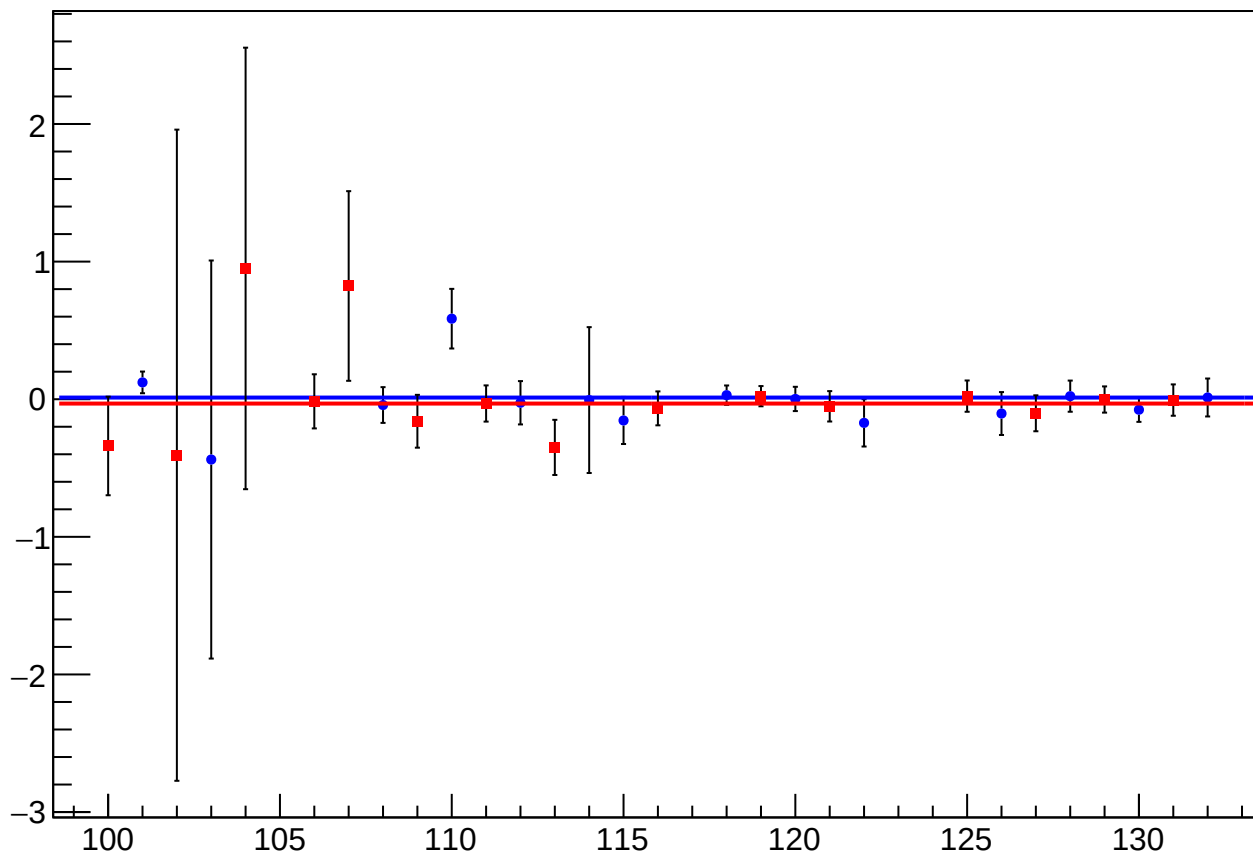
Right: 66.817+/-0.017 χ^2/NDF : 4531555.1/28

In: 64.745+/-0.023 χ^2/NDF : 1925174.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.817+/-0.017 χ^2/NDF : 4531555.1/28

asym_atl1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.032 χ^2 /NDF: 13.0/13

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

Right Out: -0.032 $\pm$ 0.035 χ^2 /NDF: 7.0/14

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

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

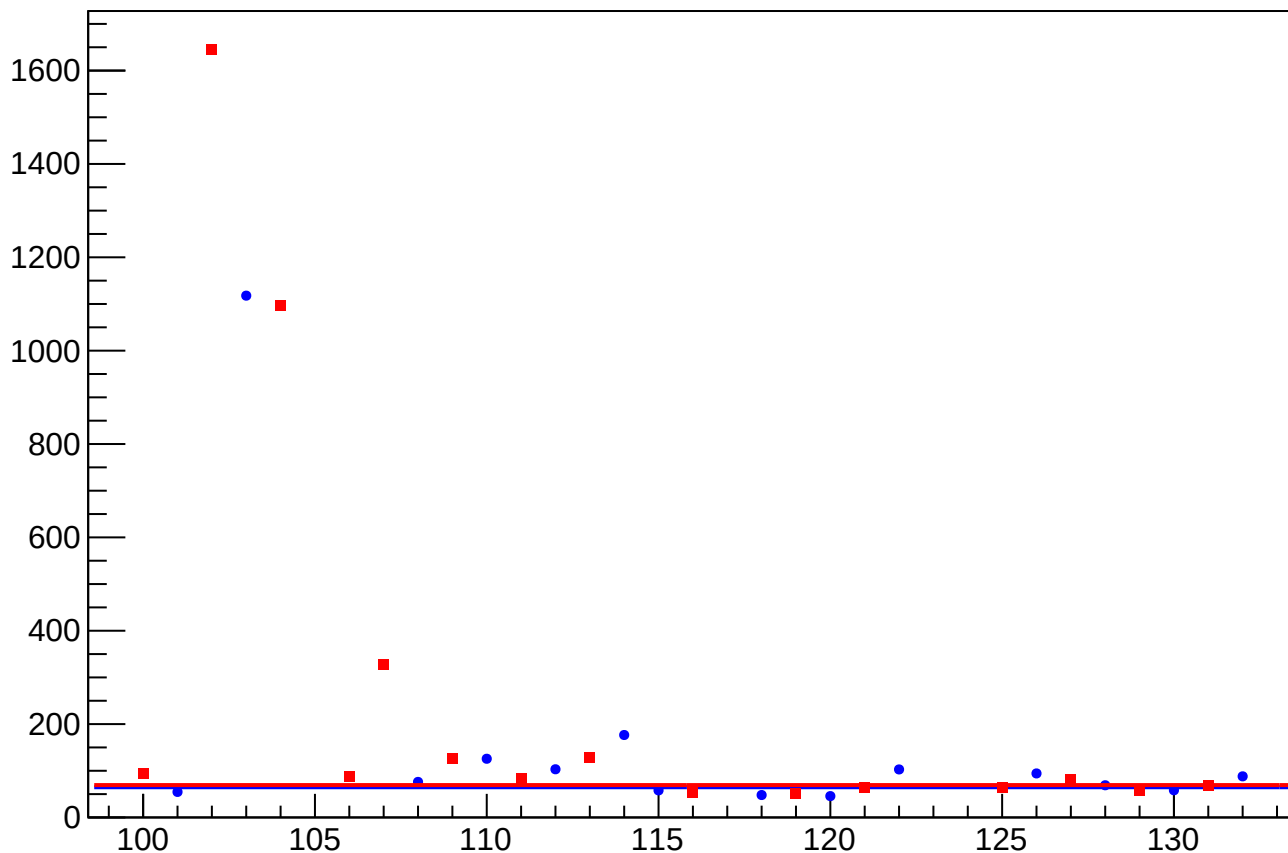
Right: -0.008 $\pm$ 0.024 χ^2 /NDF: 20.8/28

In: 0.012 $\pm$ 0.032 χ^2 /NDF:13.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.024 χ^2 /NDF: 20.8/28

asym_atl1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 64.745+/-0.023 χ^2/NDF : 1925174.0/13

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

Right Out: 69.359+/-0.025 χ^2/NDF : 2587548.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

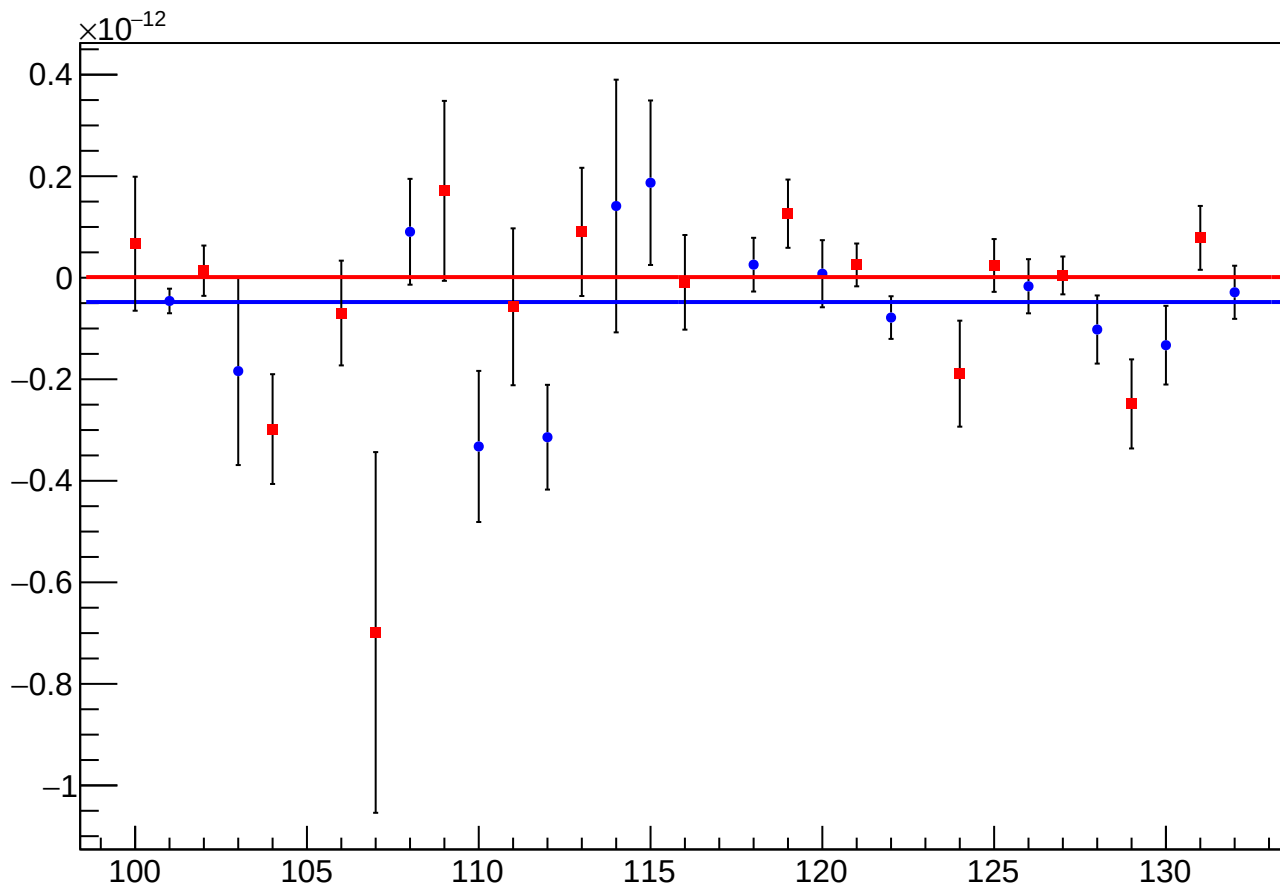
Right: 66.817+/-0.017 χ^2/NDF : 4531555.1/28

In: 64.745+/-0.023 χ^2/NDF : 1925174.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.817+/-0.017 χ^2/NDF : 4531555.1/28

asym_atl1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 20.8/13

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

Right Out: 0.000+/-0.000 χ^2/NDF : 30.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

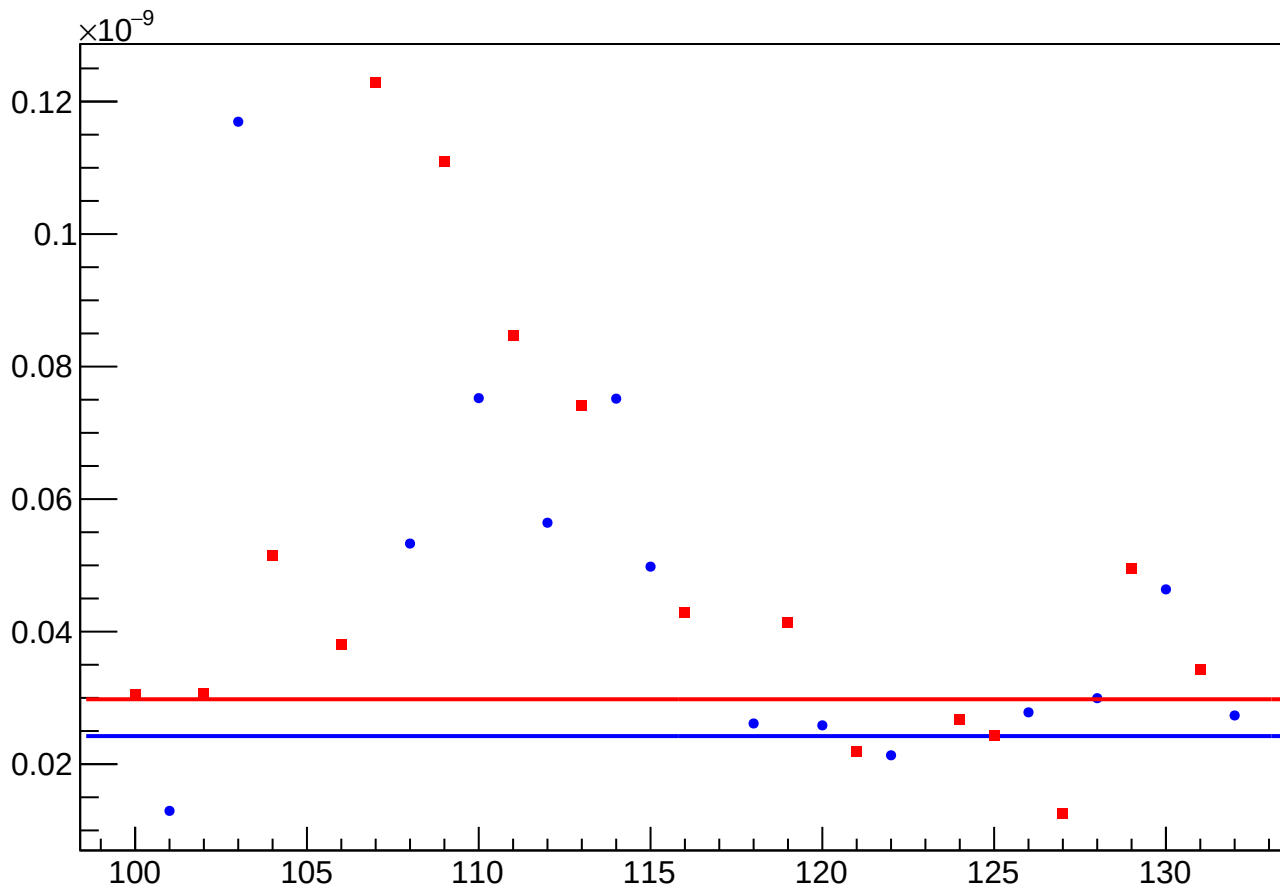
Right: -0.000+/-0.000 χ^2/NDF : 56.1/29

In: -0.000+/-0.000 χ^2/NDF :20.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 56.1/29

asym_atl1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1862229.3/13

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1881105.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

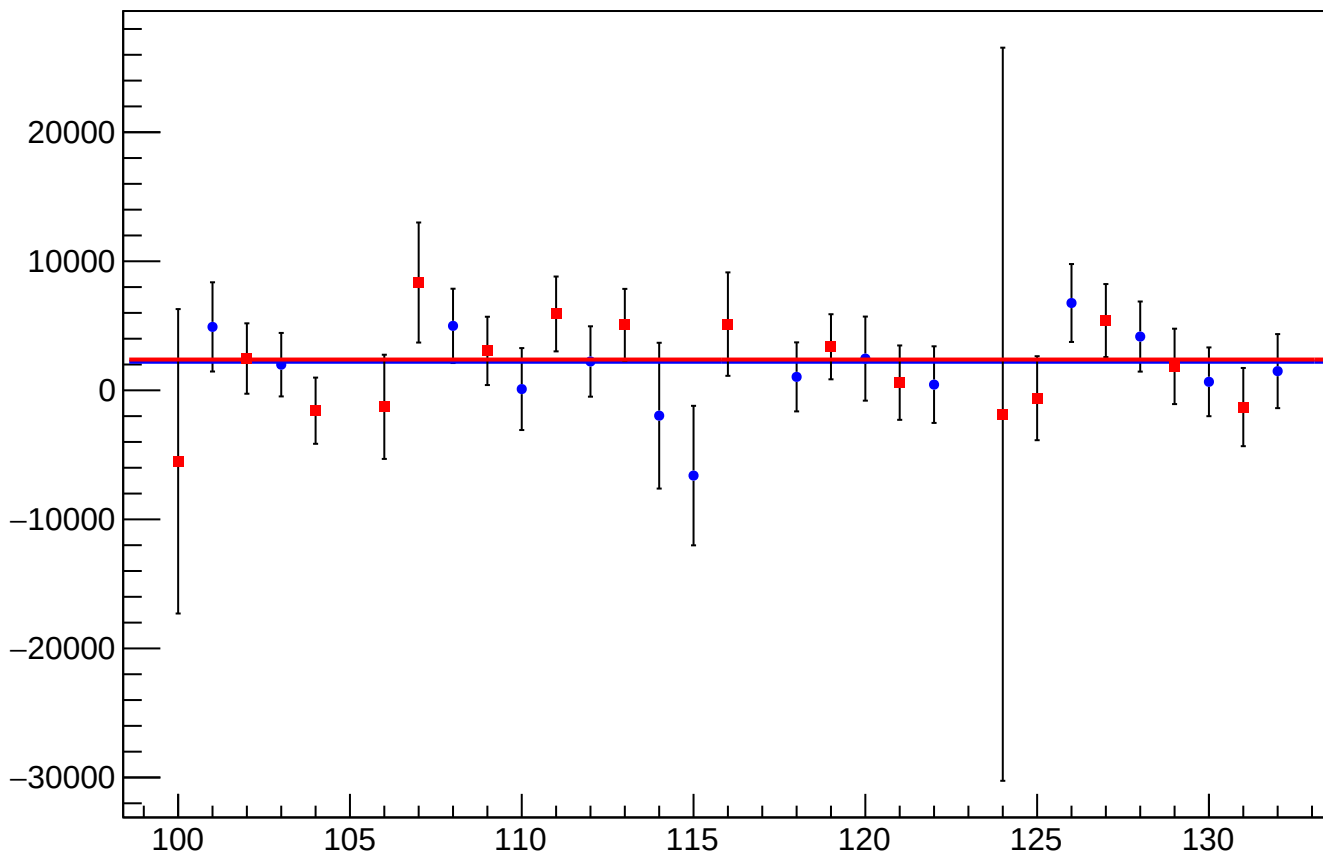
Right: 0.000+/-0.000 χ^2/NDF : 3857482.7/29

In: 0.000+/-0.000 χ^2/NDF : 1862229.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3857482.7/29

reg_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2213.618+/-810.041 χ^2/NDF : 9.0/13

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

Right Out: 2386.316+/-795.990 χ^2/NDF : 12.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

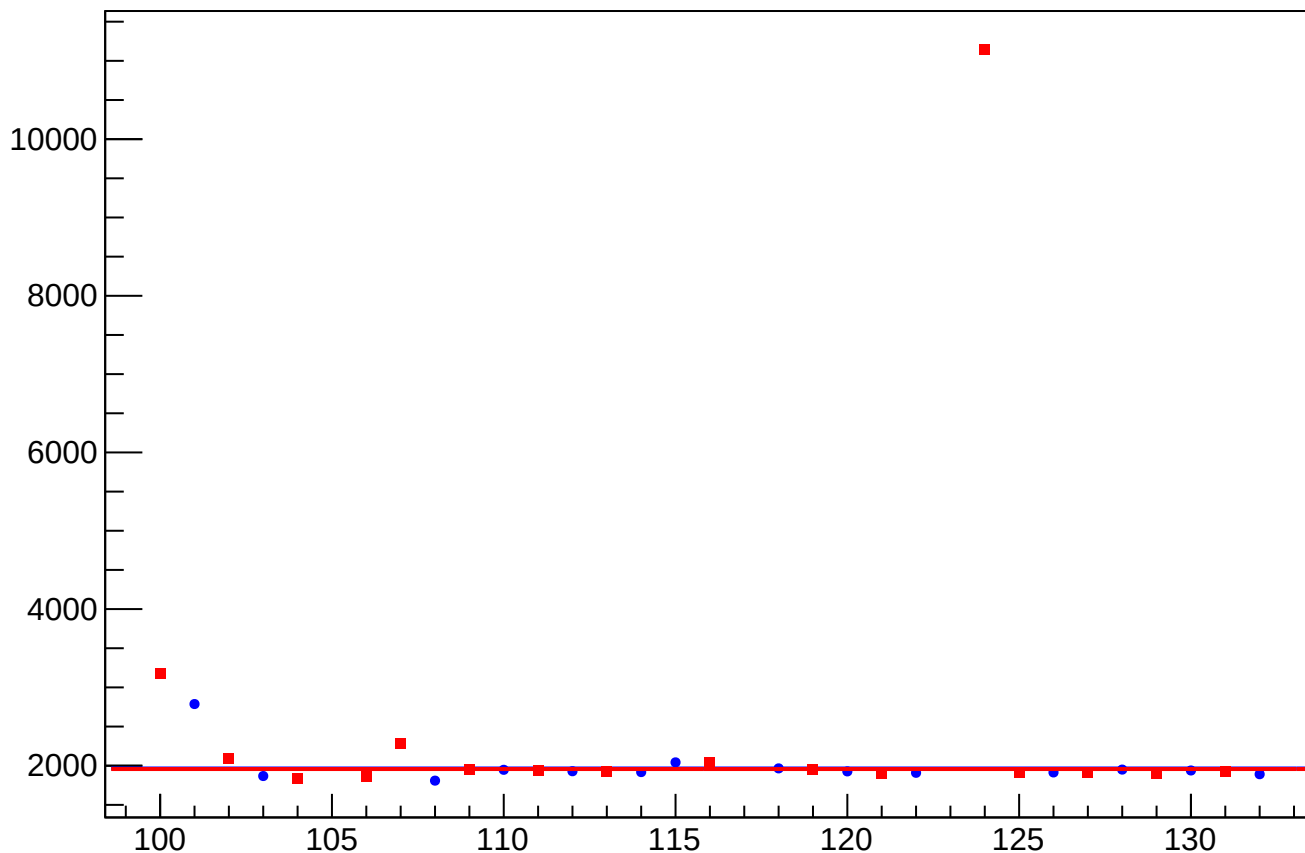
Right: 2301.477+/-567.753 χ^2/NDF : 21.3/29

In: 2213.618+/-810.041 χ^2/NDF : 9.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2301.477+/-567.753 χ^2/NDF : 21.3/29

reg_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1964.379+/-0.573 χ^2/NDF : 126157.2/13

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

Right Out: 1957.595+/-0.563 χ^2/NDF : 254874.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

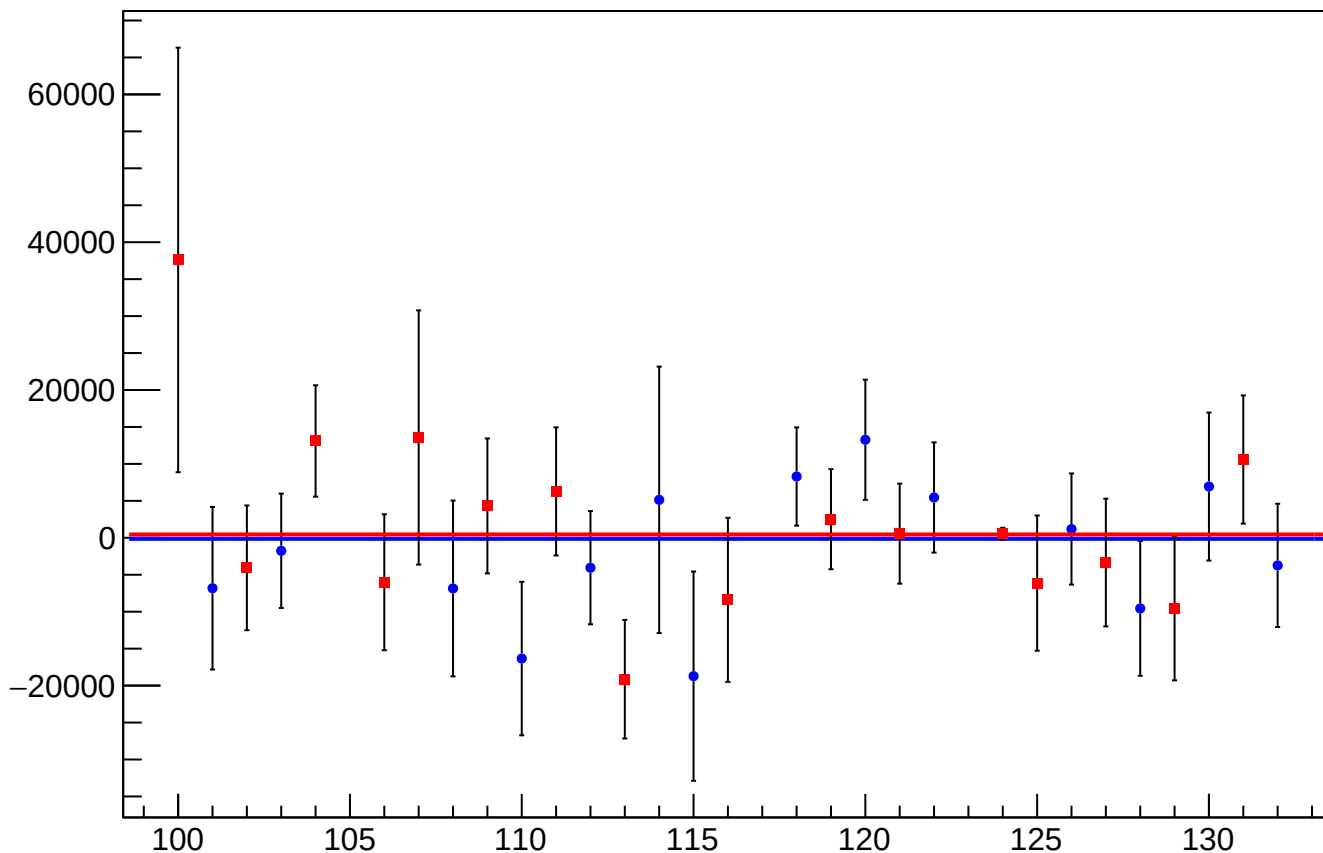
Right: 1960.927+/-0.401 χ^2/NDF : 381103.5/29

In: 1964.379+/-0.573 χ^2/NDF : 126157.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1960.927+/-0.401 χ^2/NDF : 381103.5/29

asym_atl2_reg_correction_mean vs Slug, Sign Corrected



Right In: -138.130 ± 2382.294 $\chi^2/\text{NDF}: 11.9/13$

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

Right Out: 451.854 ± 772.161 $\chi^2/\text{NDF}: 16.3/15$

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

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

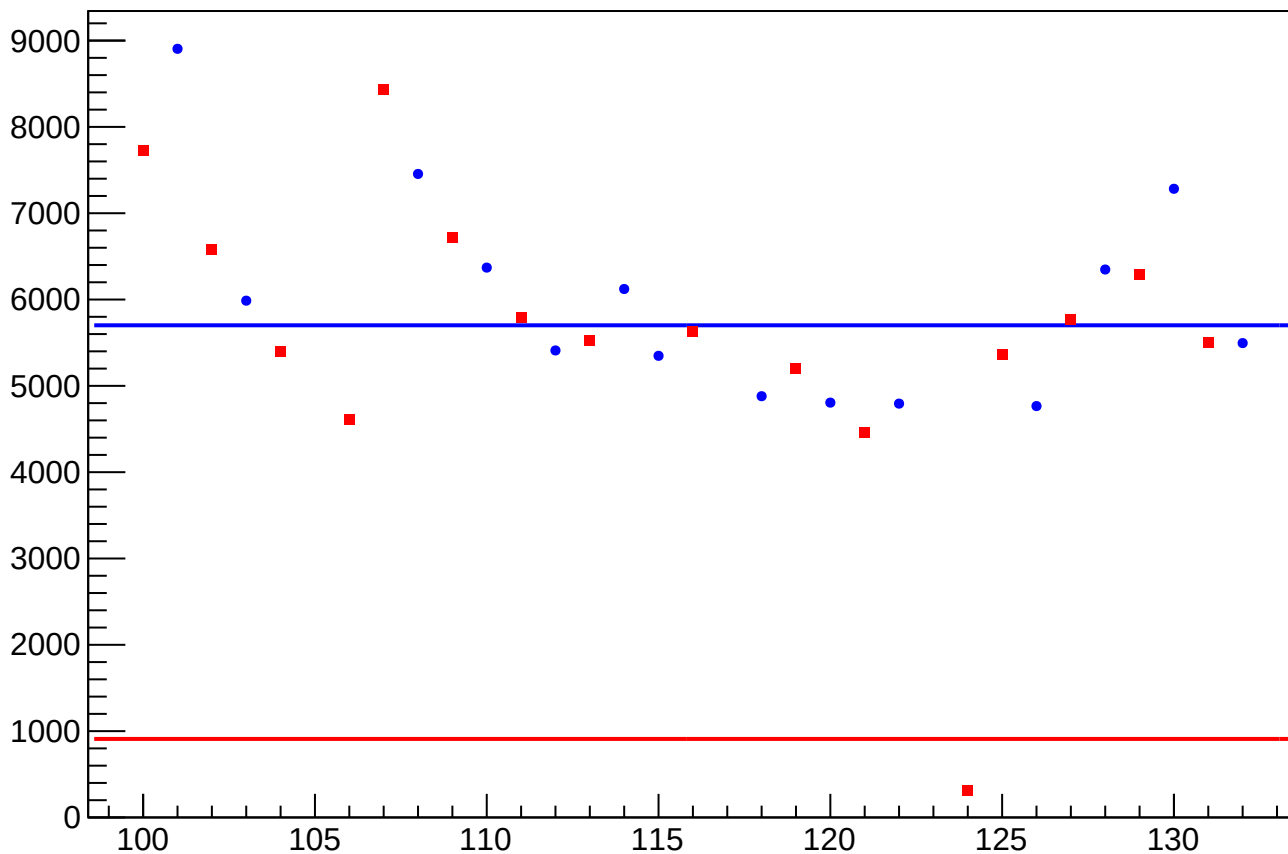
Right: 395.765 ± 734.540 $\chi^2/\text{NDF}: 28.3/29$

In: -138.130 ± 2382.294 $\chi^2/\text{NDF}: 11.9/13$

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

All: 395.765 ± 734.540 $\chi^2/\text{NDF}: 28.3/29$

asym_atl2_reg_correction_rms vs Slug, Sign Corrected



Right In: 5701.633+/-1.685 χ^2/NDF : 405920.3/13

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

Right Out: 909.699+/-0.546 χ^2/NDF : 9596731.2/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

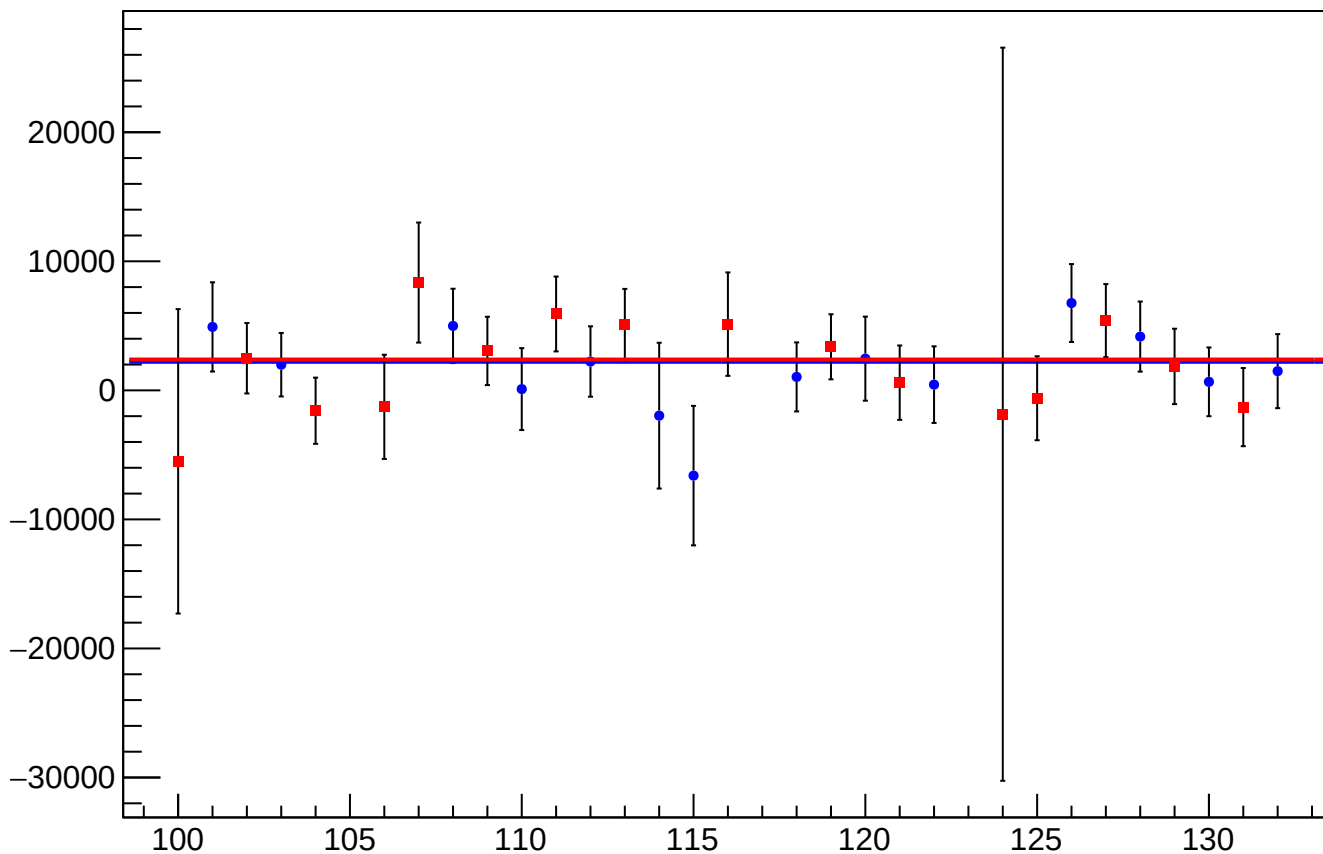
Right: 1365.265+/-0.519 χ^2/NDF : 17325435.1/29

In: 5701.633+/-1.685 χ^2/NDF : 405920.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1365.265+/-0.519 χ^2/NDF : 17325435.1/29

cor_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2213.841+/-810.041 χ^2/NDF : 9.0/13

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

Right Out: 2388.281+/-795.999 χ^2/NDF : 12.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

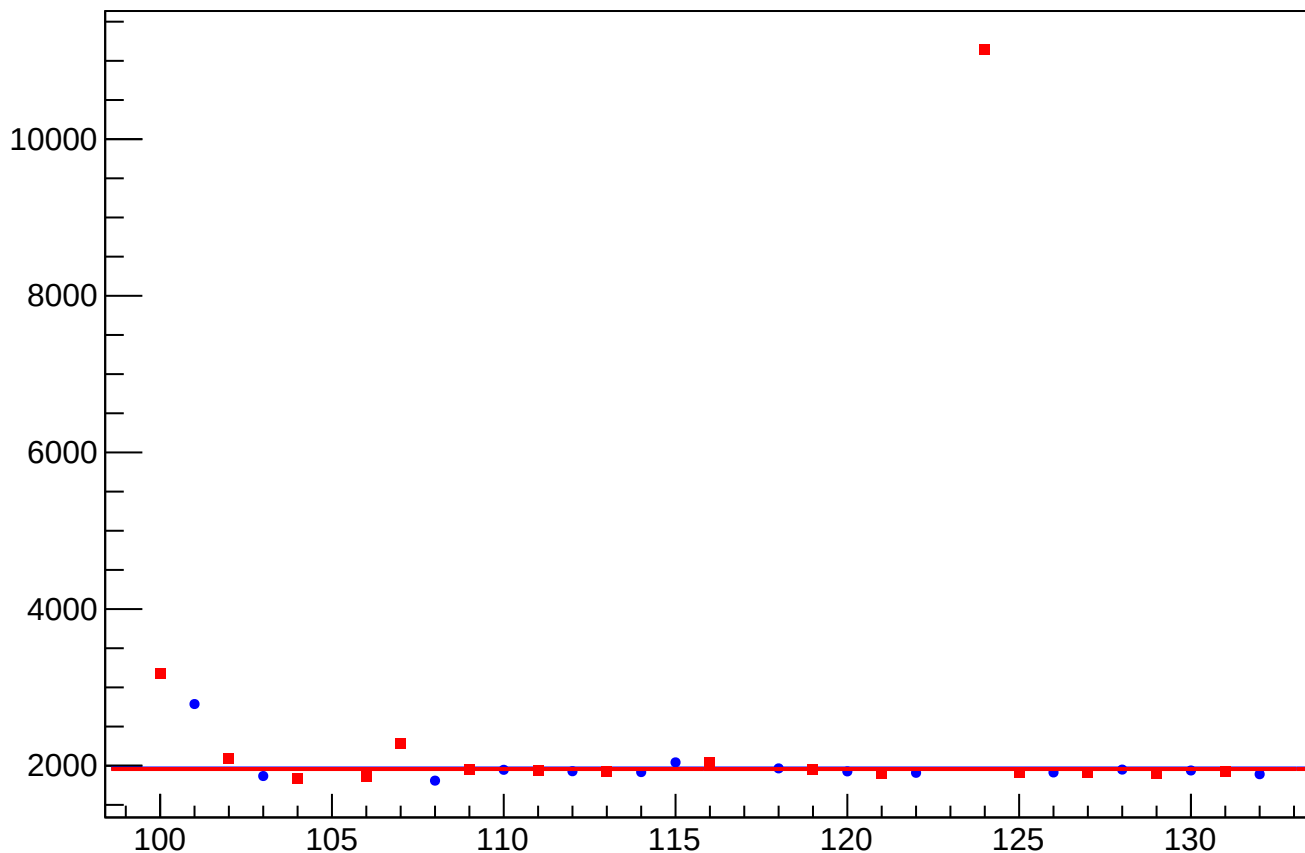
Right: 2302.586+/-567.756 χ^2/NDF : 21.3/29

In: 2213.841+/-810.041 χ^2/NDF : 9.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2302.586+/-567.756 χ^2/NDF : 21.3/29

cor_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1964.379 $\pm$ 0.573 χ^2/NDF : 126156.9/13

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

Right Out: 1957.617 $\pm$ 0.563 χ^2/NDF : 254895.9/15

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

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

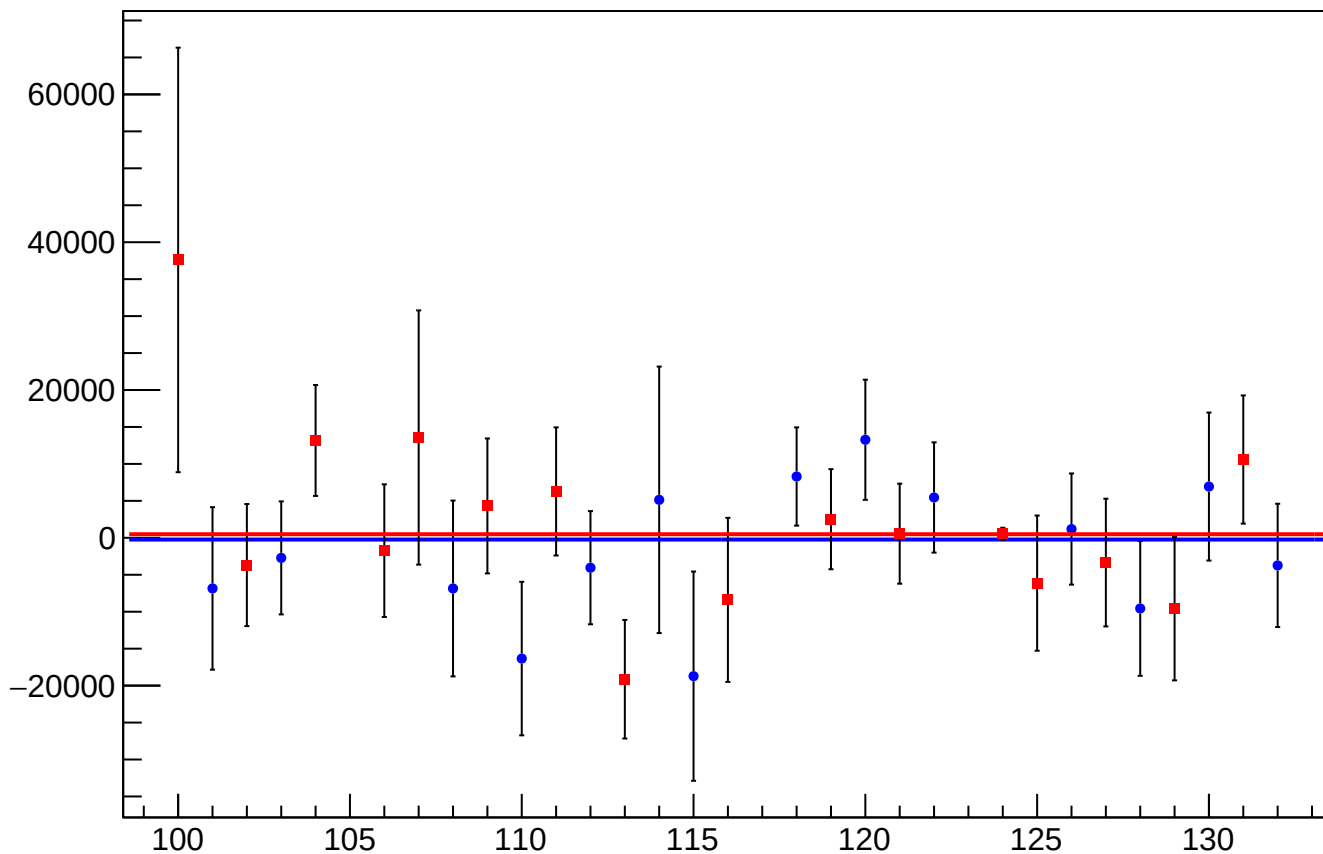
Right: 1960.939 $\pm$ 0.401 χ^2/NDF : 381123.8/29

In: 1964.379 $\pm$ 0.573 χ^2/NDF : 126156.9/13

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

All: 1960.939 $\pm$ 0.401 χ^2/NDF : 381123.8/29

asym_atl2_cor_correction_mean vs Slug, Sign Corrected



Right In: -235.423+/-2379.607 χ^2/NDF : 12.0/13

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

Right Out: 485.538+/-771.817 χ^2/NDF : 15.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

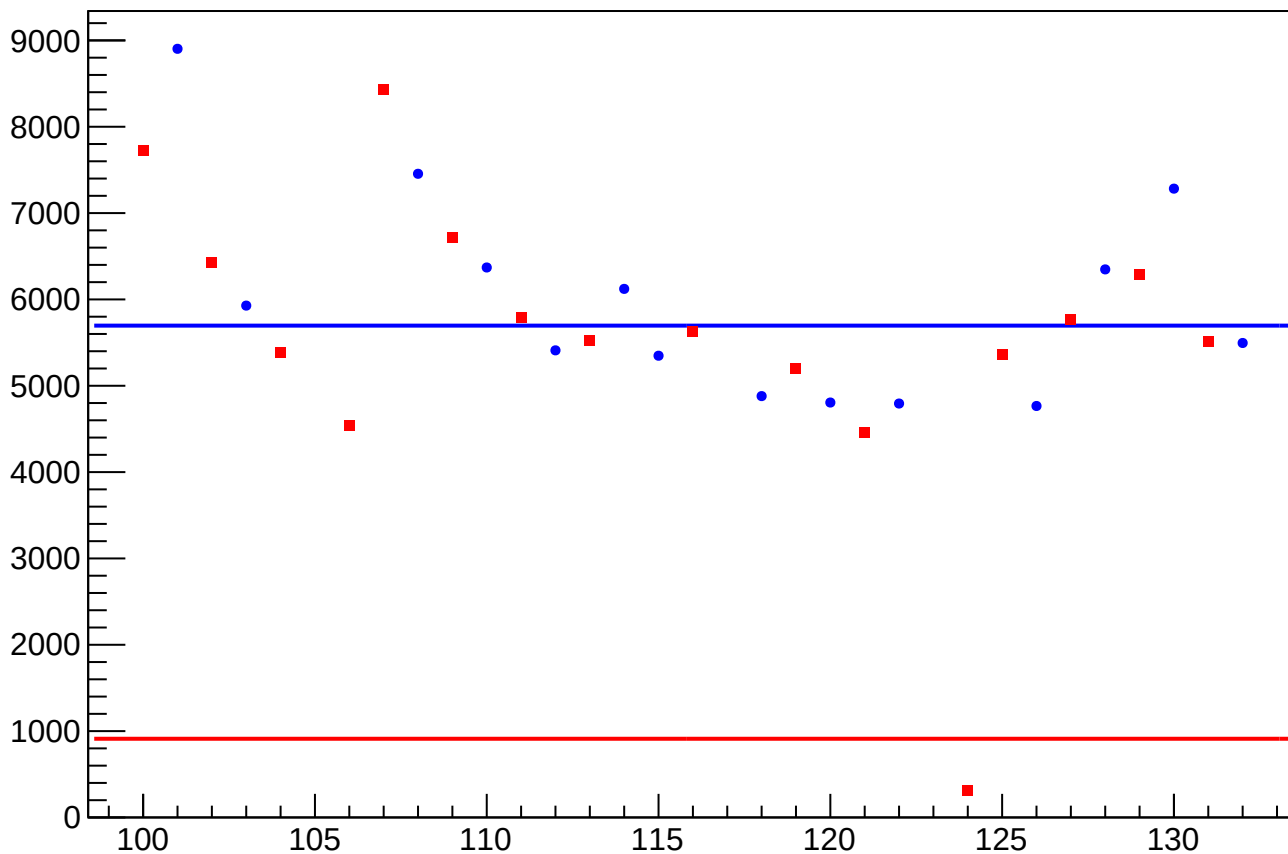
Right: 416.912+/-734.165 χ^2/NDF : 28.0/29

In: -235.423+/-2379.607 χ^2/NDF : 12.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 416.912+/-734.165 χ^2/NDF : 28.0/29

asym_atl2_cor_correction_rms vs Slug, Sign Corrected



Right In: 5696.574+/-1.683 χ^2/NDF : 404813.5/13

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

Right Out: 911.511+/-0.546 χ^2/NDF : 9593762.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

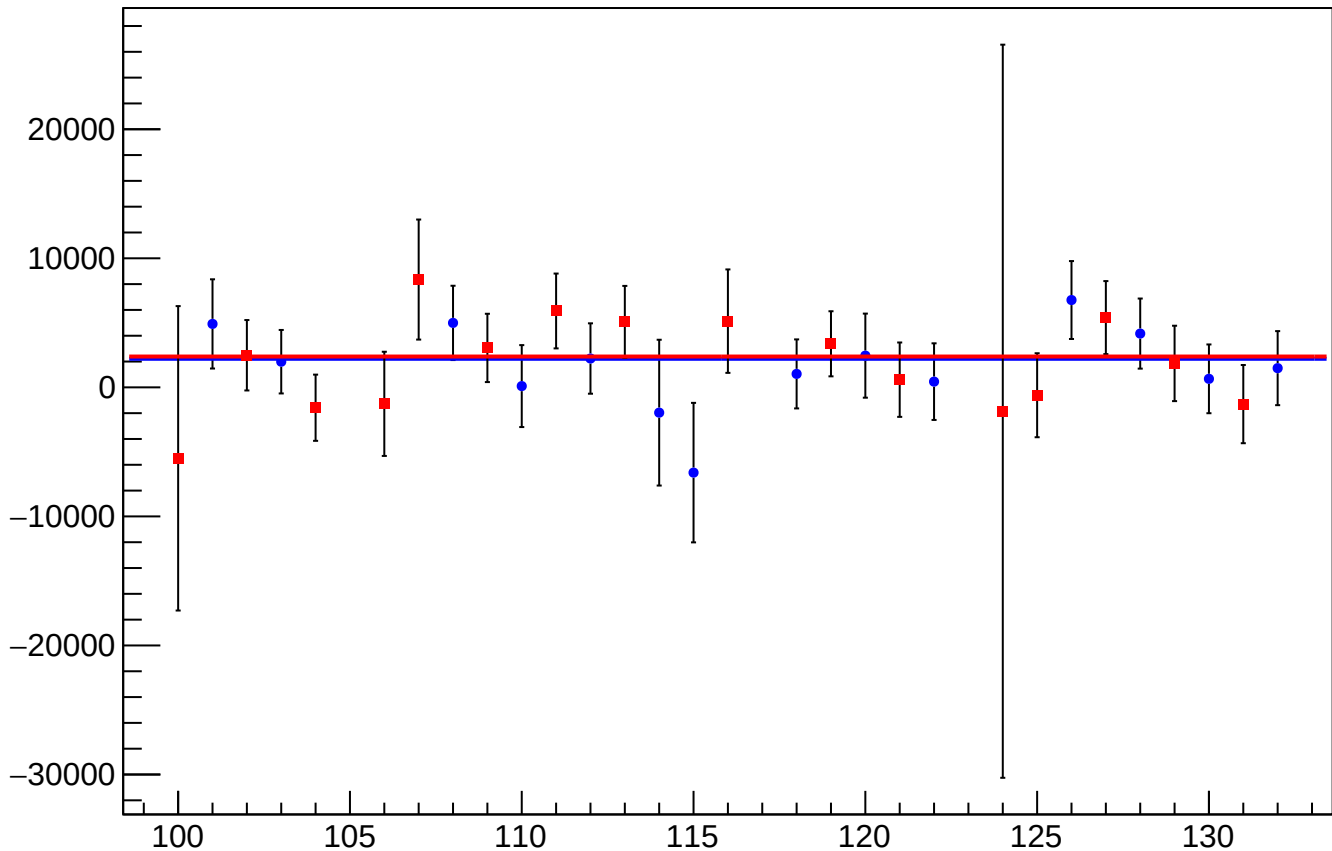
Right: 1366.985+/-0.519 χ^2/NDF : 17315925.3/29

In: 5696.574+/-1.683 χ^2/NDF : 404813.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1366.985+/-0.519 χ^2/NDF : 17315925.3/29

eigen_cor_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2213.841 $\pm$ 810.041 χ^2 /NDF: 9.0/13

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

Right Out: 2388.281 $\pm$ 795.999 χ^2 /NDF: 12.3/15

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

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

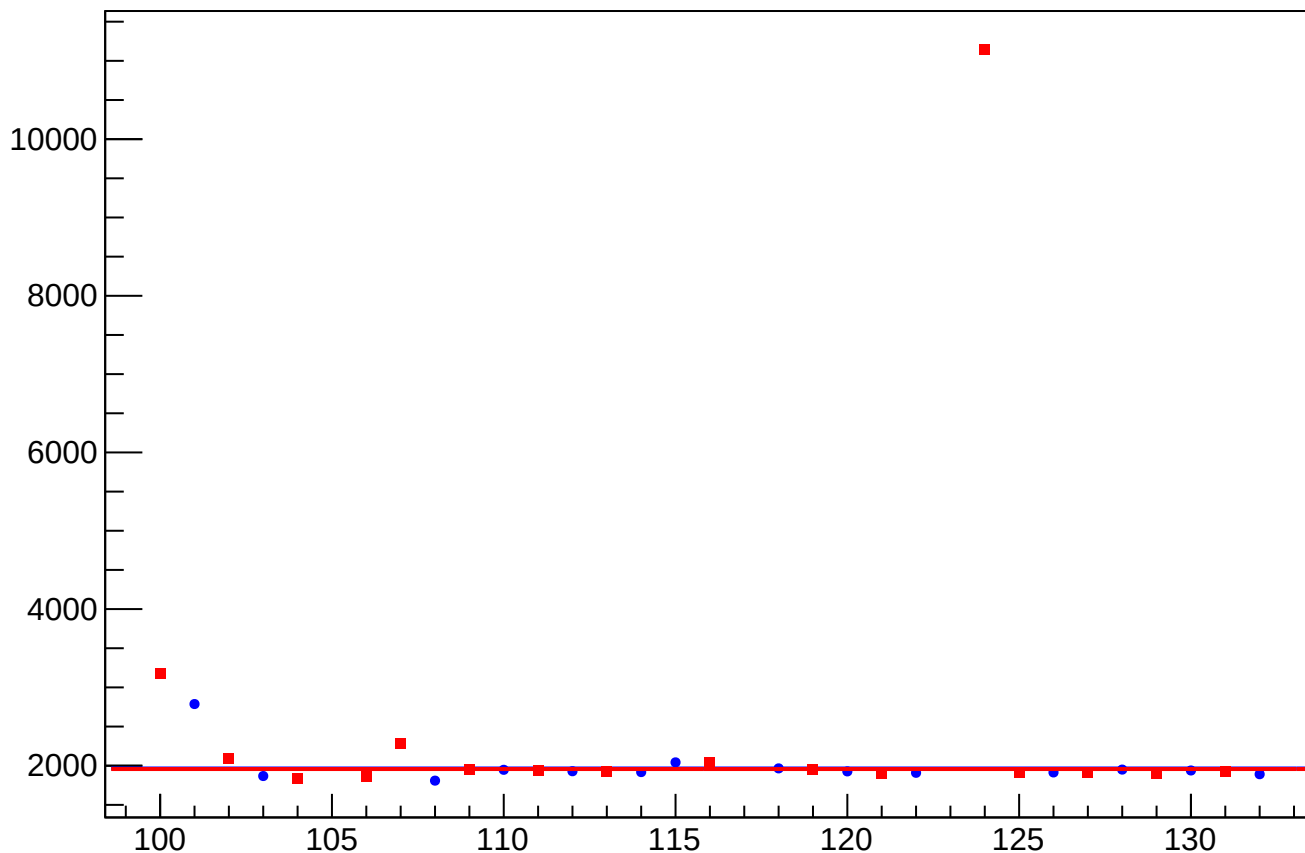
Right: 2302.586 $\pm$ 567.756 χ^2 /NDF: 21.3/29

In: 2213.841 $\pm$ 810.041 χ^2 /NDF:9.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2302.586 $\pm$ 567.756 χ^2 /NDF: 21.3/29

eigen_cor_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1964.379+/-0.573 χ^2/NDF : 126156.9/13

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

Right Out: 1957.617+/-0.563 χ^2/NDF : 254895.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

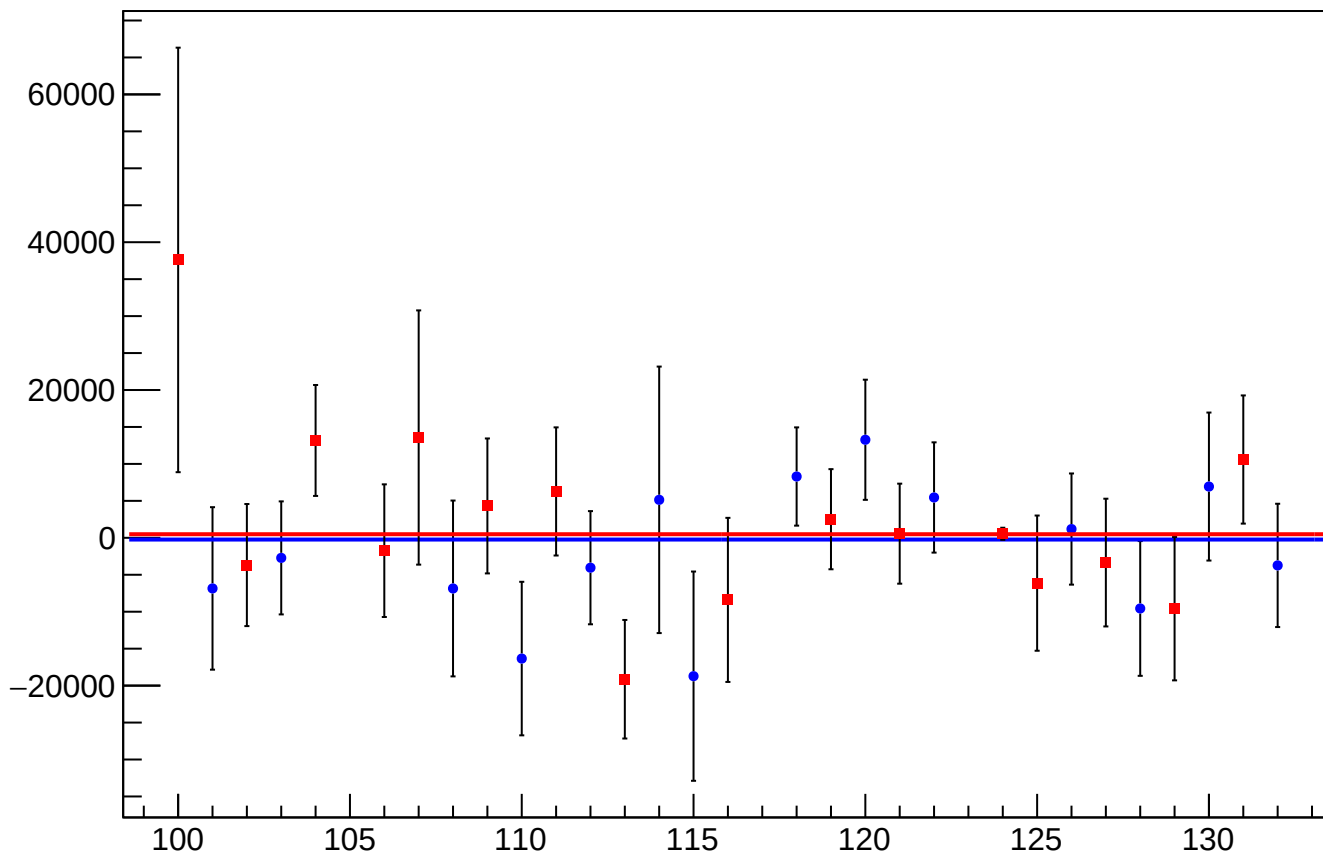
Right: 1960.939+/-0.401 χ^2/NDF : 381123.8/29

In: 1964.379+/-0.573 χ^2/NDF : 126156.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1960.939+/-0.401 χ^2/NDF : 381123.8/29

asym_atl2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -235.423+/-2379.607 χ^2/NDF : 12.0/13

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

Right Out: 485.538+/-771.817 χ^2/NDF : 15.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

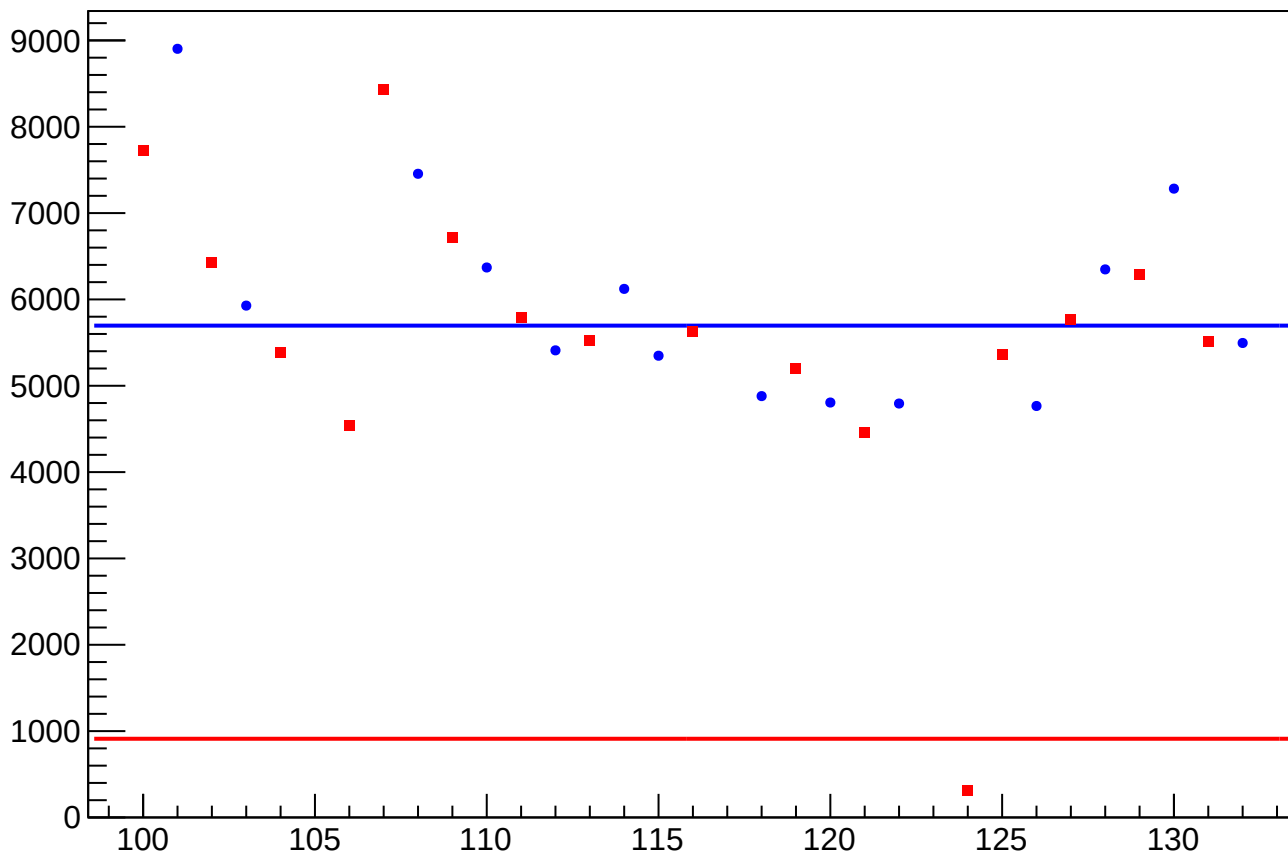
Right: 416.912+/-734.165 χ^2/NDF : 28.0/29

In: -235.423+/-2379.607 χ^2/NDF : 12.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 416.912+/-734.165 χ^2/NDF : 28.0/29

asym_atl2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 5696.574+/-1.683 χ^2/NDF : 404813.5/13

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

Right Out: 911.511+/-0.546 χ^2/NDF : 9593762.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

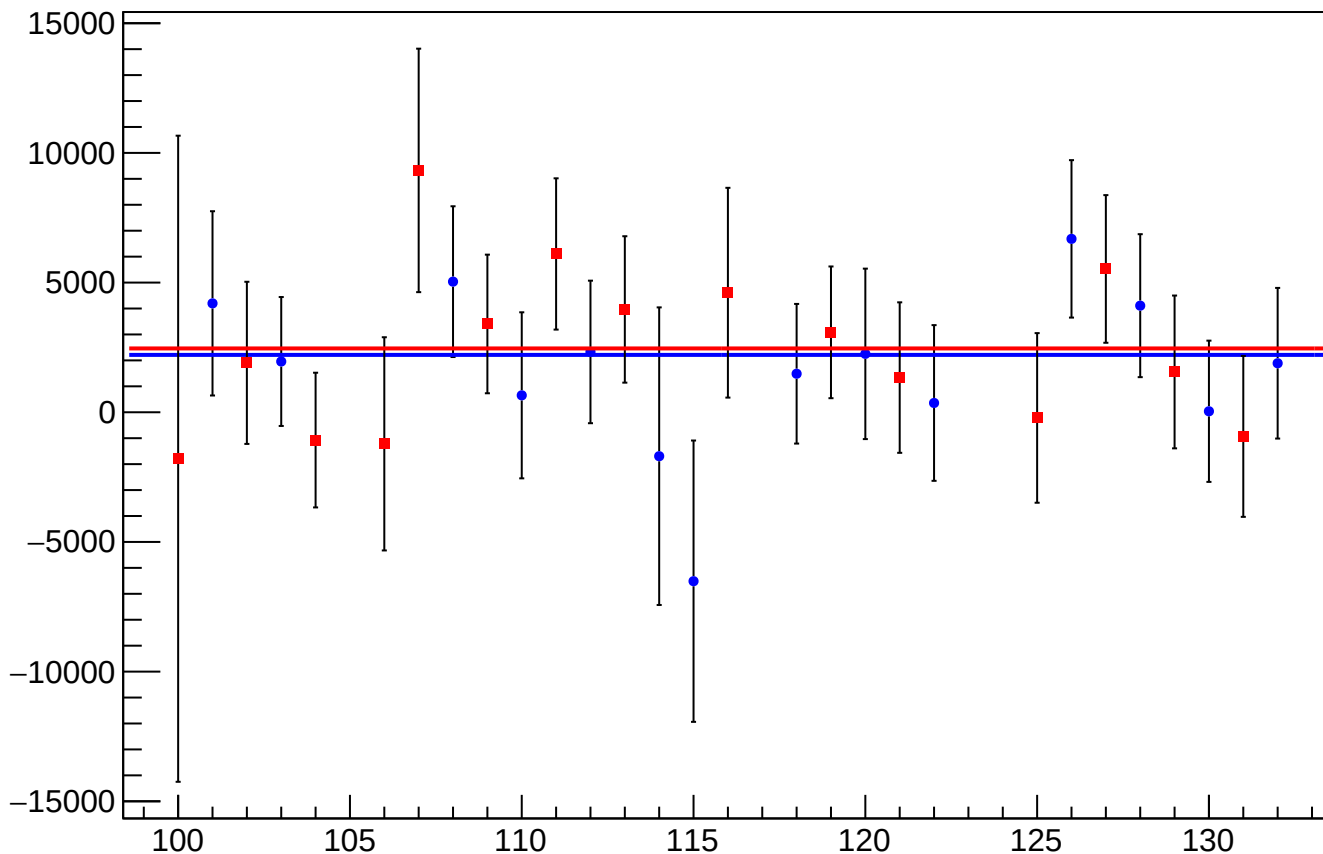
Right: 1366.985+/-0.519 χ^2/NDF : 17315925.3/29

In: 5696.574+/-1.683 χ^2/NDF : 404813.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1366.985+/-0.519 χ^2/NDF : 17315925.3/29

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2211.905+/-819.509 χ^2/NDF : 8.3/13

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

Right Out: 2460.678+/-812.216 χ^2/NDF : 10.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

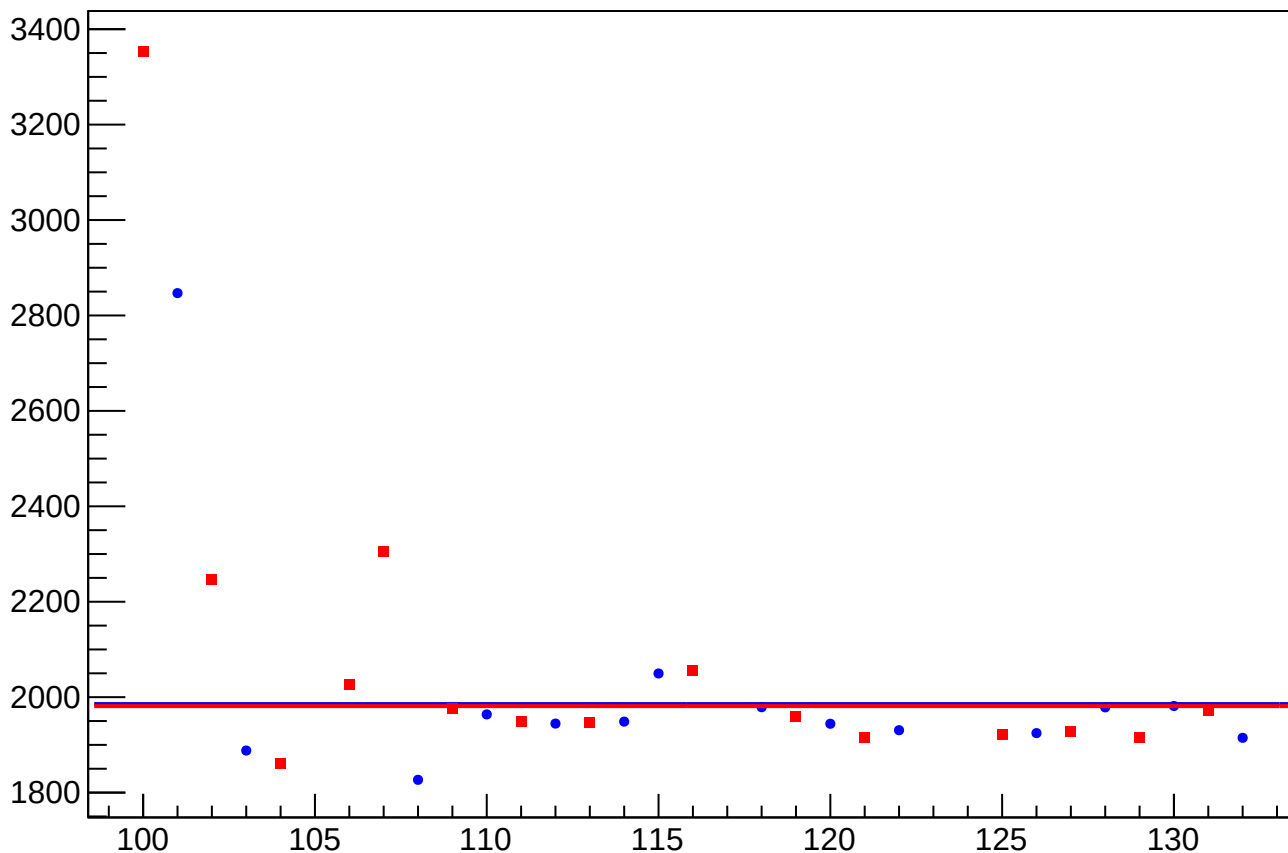
Right: 2337.404+/-576.885 χ^2/NDF : 18.9/28

In: 2211.905+/-819.509 χ^2/NDF : 8.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2337.404+/-576.885 χ^2/NDF : 18.9/28

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1985.532+/-0.579 χ^2/NDF : 130502.1/13

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

Right Out: 1981.268+/-0.573 χ^2/NDF : 57557.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

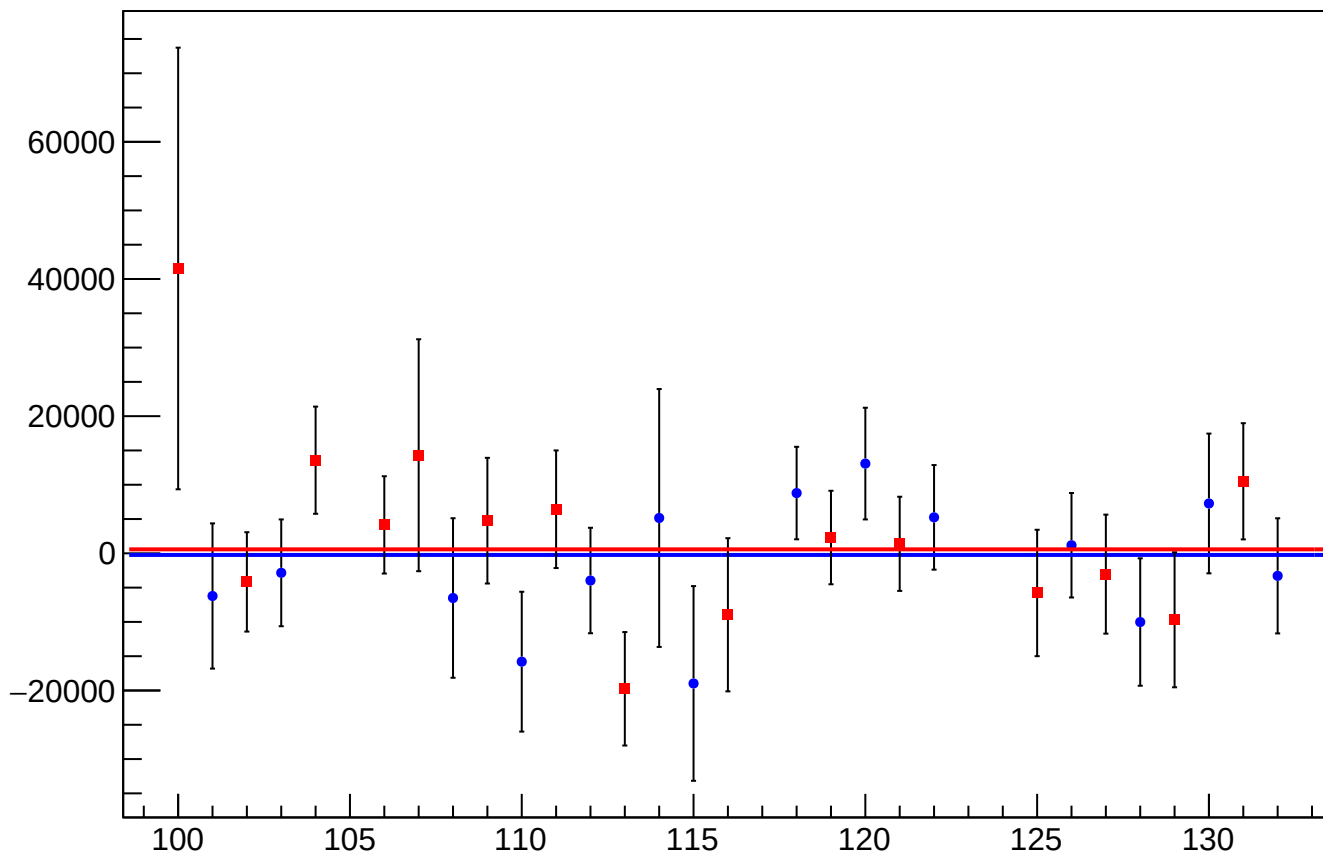
Right: 1983.377+/-0.408 χ^2/NDF : 188086.5/28

In: 1985.532+/-0.579 χ^2/NDF : 130502.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1983.377+/-0.408 χ^2/NDF : 188086.5/28

asym_atl2_dit_correction_mean vs Slug, Sign Corrected



Right In: -233.497 ± 2397.112 $\chi^2/\text{NDF}: 11.9/13$

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

Right Out: 580.934 ± 2236.347 $\chi^2/\text{NDF}: 16.4/14$

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

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

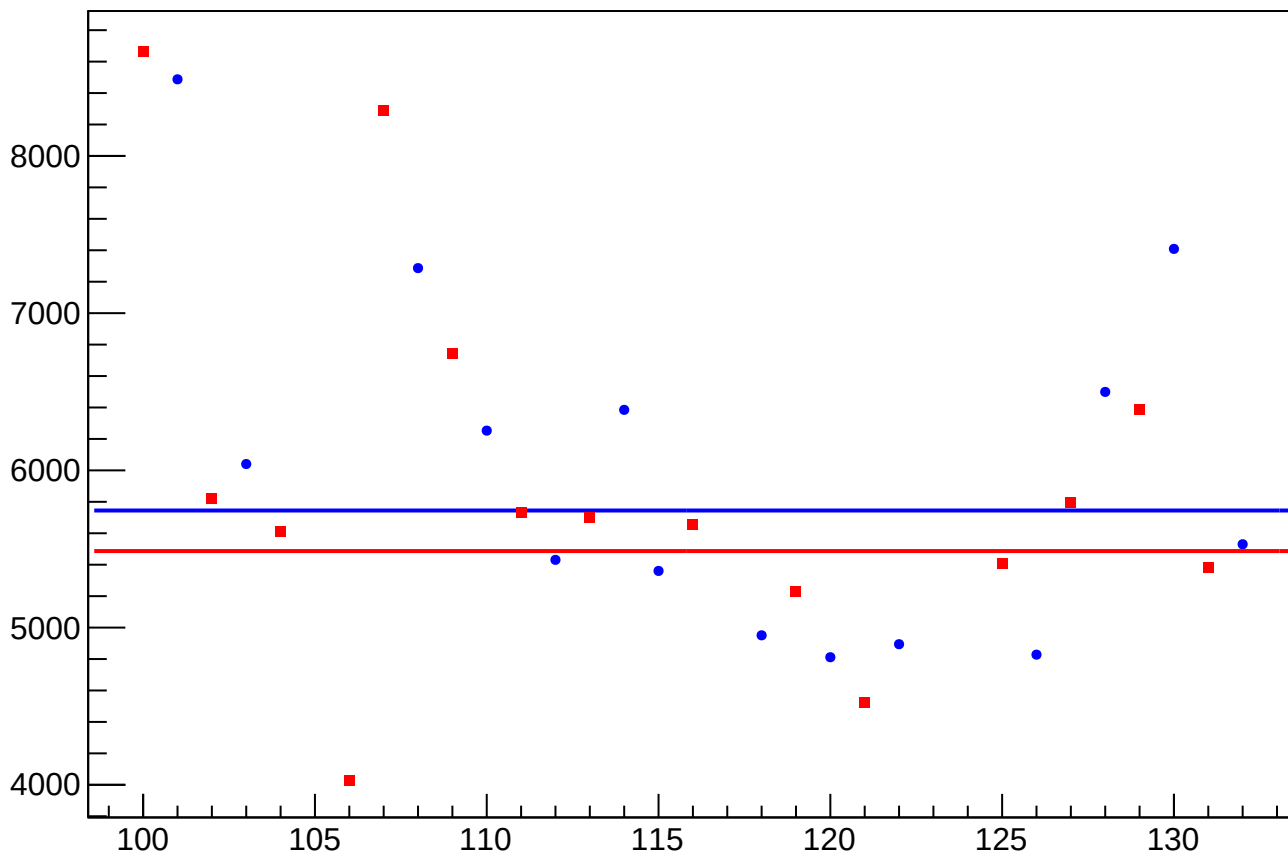
Right: 201.942 ± 1635.219 $\chi^2/\text{NDF}: 28.3/28$

In: -233.497 ± 2397.112 $\chi^2/\text{NDF}: 11.9/13$

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

All: 201.942 ± 1635.219 $\chi^2/\text{NDF}: 28.3/28$

asym_atl2_dit_correction_rms vs Slug, Sign Corrected



Right In: 5744.759+/-1.695 χ^2/NDF : 359994.3/13

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

Right Out: 5486.837+/-1.581 χ^2/NDF : 266528.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

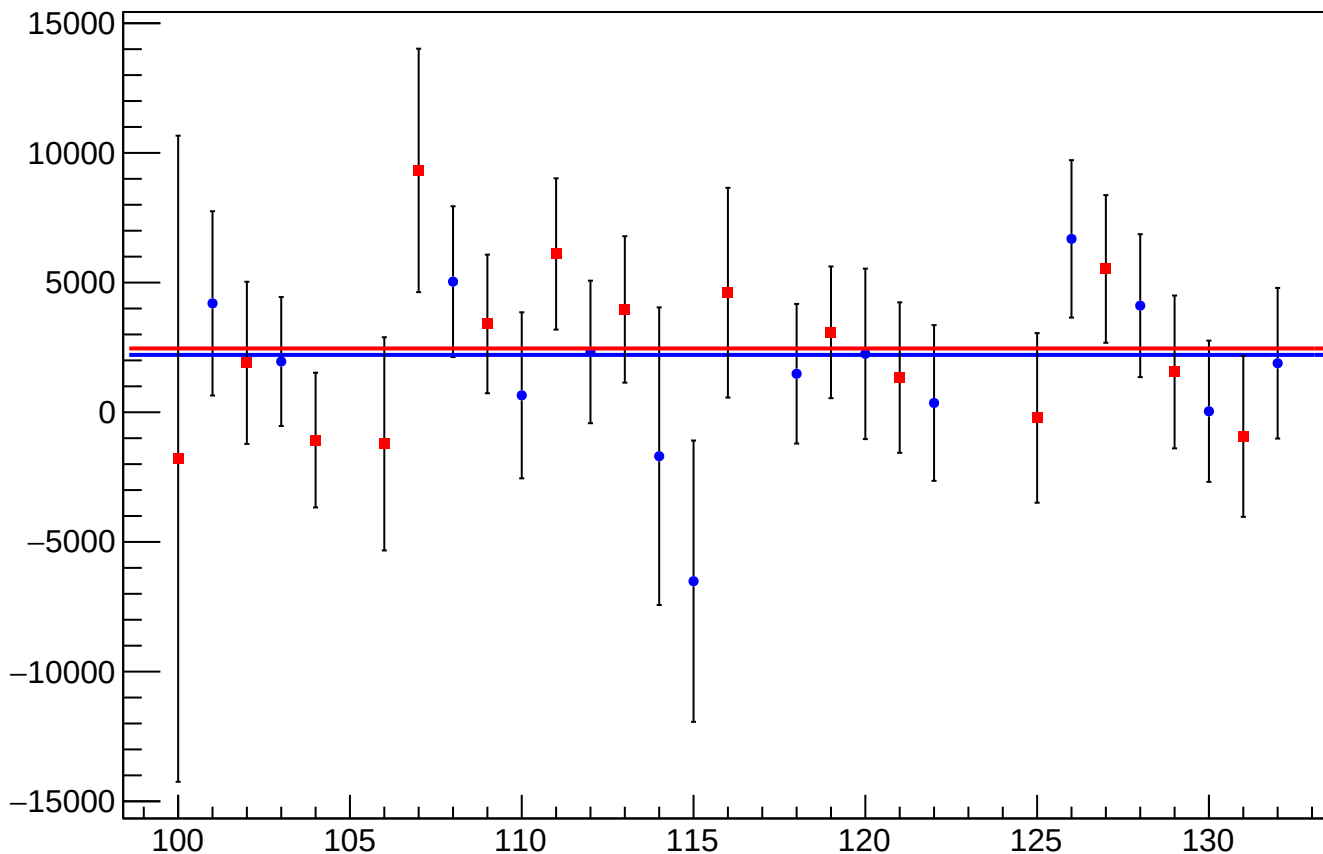
Right: 5606.860+/-1.156 χ^2/NDF : 638902.1/28

In: 5744.759+/-1.695 χ^2/NDF : 359994.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5606.860+/-1.156 χ^2/NDF : 638902.1/28

eigen_dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2211.917 $\pm$ 819.509 χ^2 /NDF: 8.3/13

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

Right Out: 2460.687 $\pm$ 812.216 χ^2 /NDF: 10.5/14

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

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

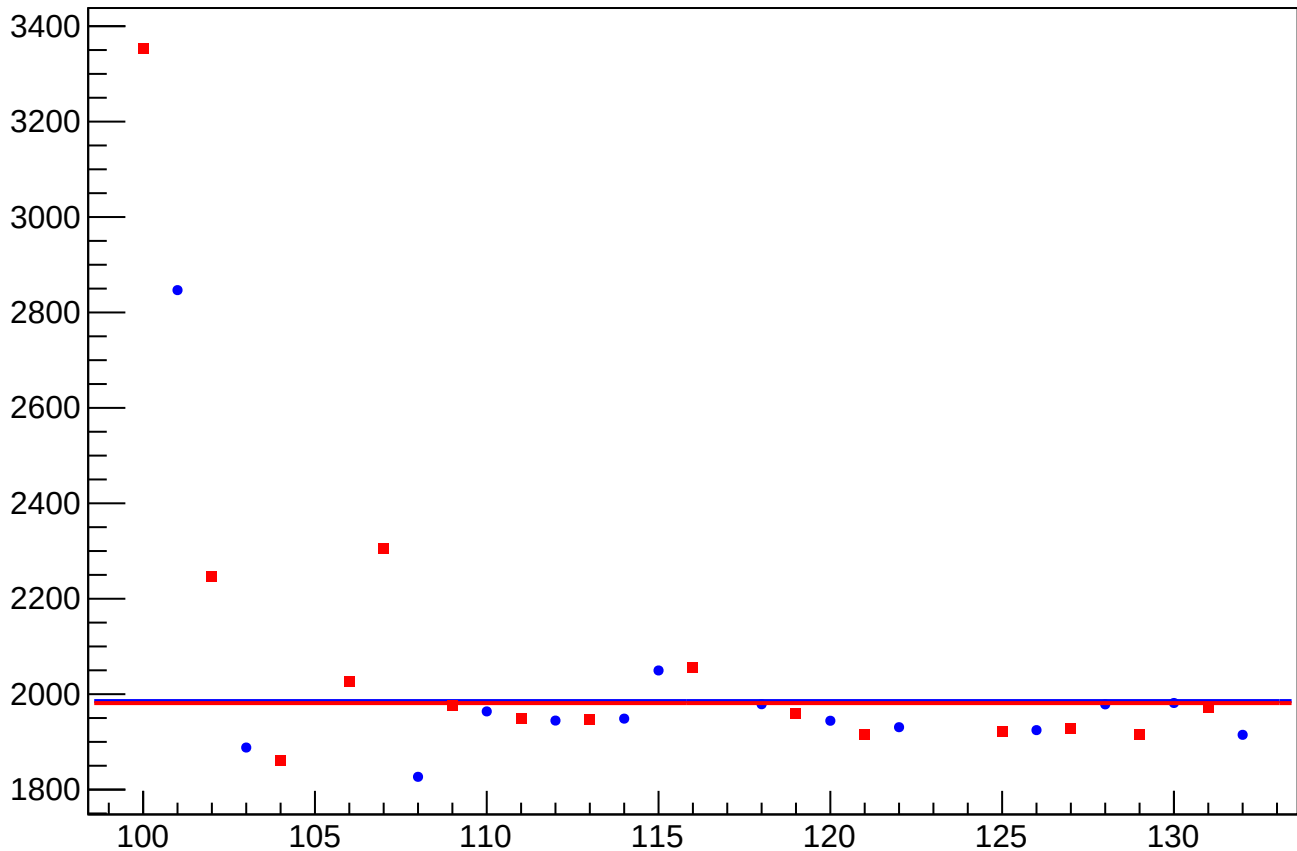
Right: 2337.414 $\pm$ 576.885 χ^2 /NDF: 18.9/28

In: 2211.917 $\pm$ 819.509 χ^2 /NDF:8.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2337.414 $\pm$ 576.885 χ^2 /NDF: 18.9/28

eigen_dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1985.532+/-0.579 χ^2/NDF : 130501.8/13

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

Right Out: 1981.268+/-0.573 χ^2/NDF : 57557.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

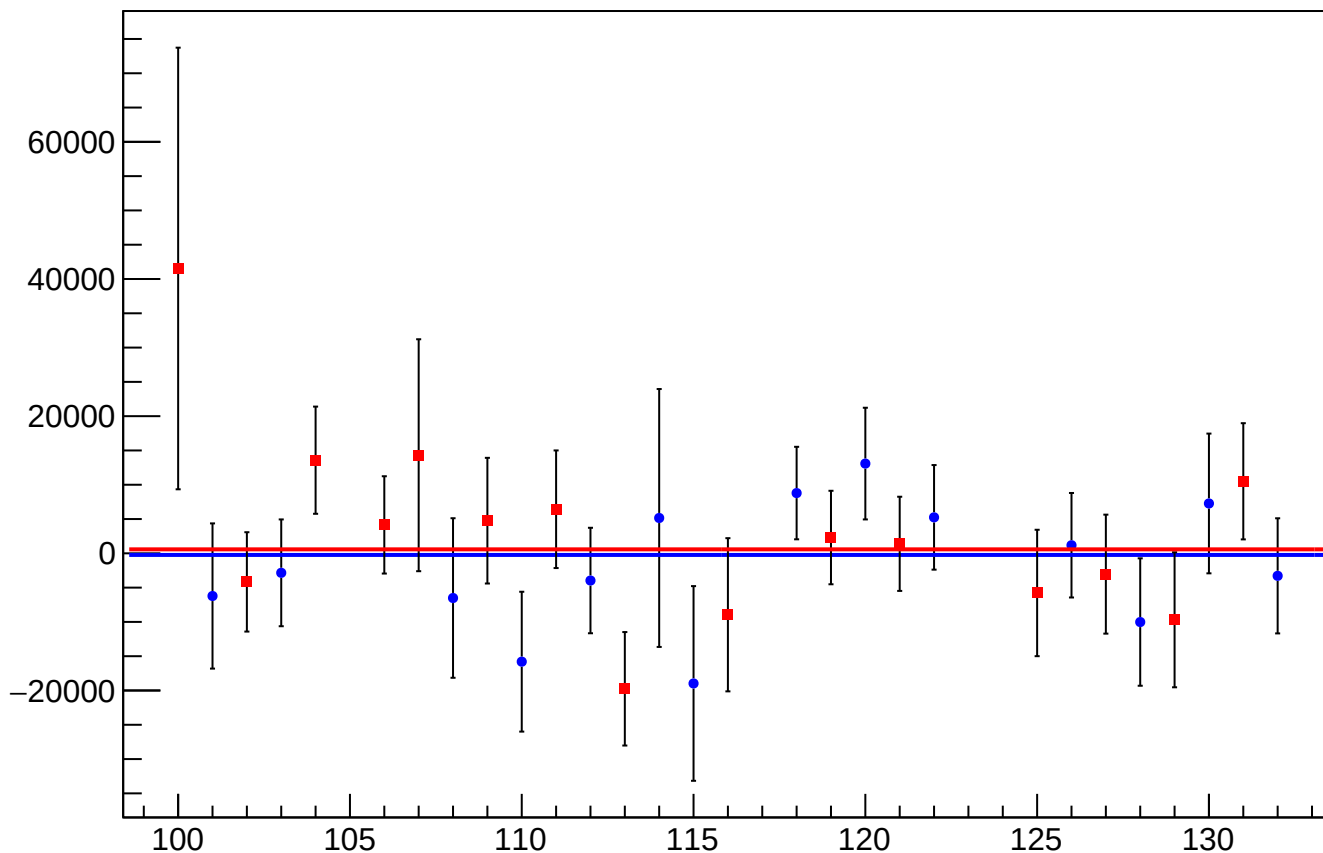
Right: 1983.377+/-0.408 χ^2/NDF : 188086.3/28

In: 1985.532+/-0.579 χ^2/NDF : 130501.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1983.377+/-0.408 χ^2/NDF : 188086.3/28

asym_atl2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -233.489+/-2397.104 χ^2/NDF : 11.9/13

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

Right Out: 580.939+/-2236.340 χ^2/NDF : 16.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

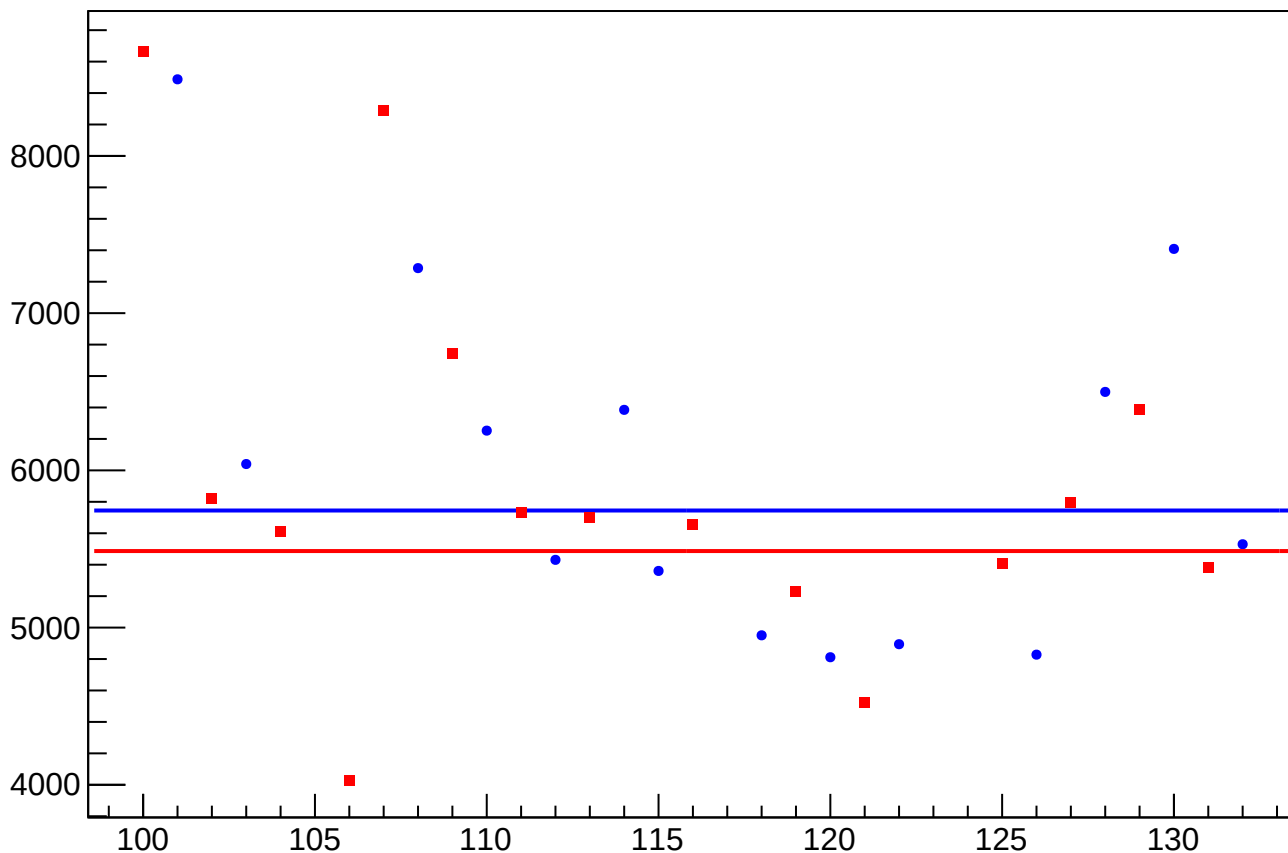
Right: 201.949+/-1635.214 χ^2/NDF : 28.3/28

In: -233.489+/-2397.104 χ^2/NDF : 11.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 201.949+/-1635.214 χ^2/NDF : 28.3/28

asym_atl2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 5744.739+/-1.695 χ^2/NDF : 359997.8/13

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

Right Out: 5486.821+/-1.581 χ^2/NDF : 266529.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

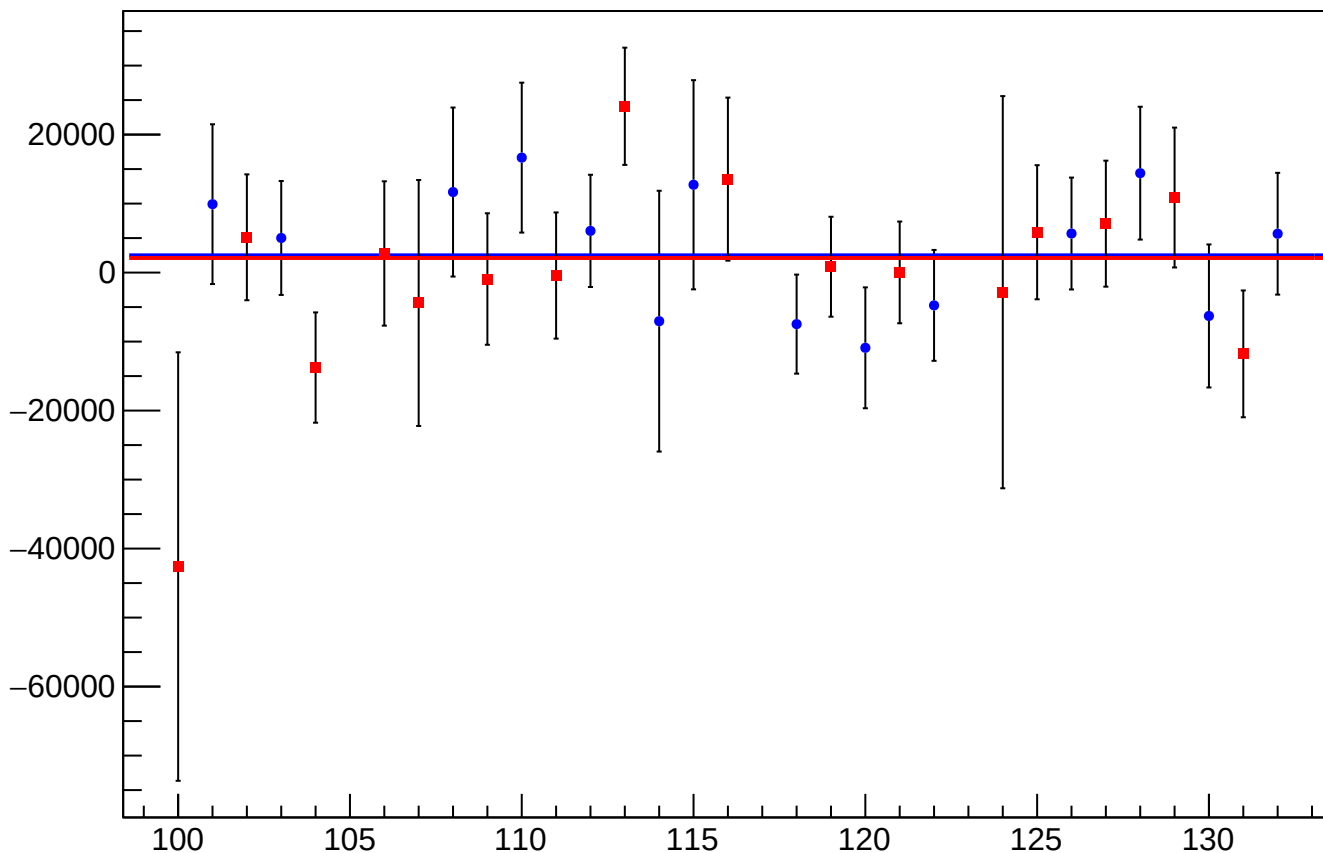
Right: 5606.841+/-1.156 χ^2/NDF : 638906.5/28

In: 5744.739+/-1.695 χ^2/NDF :359997.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 5606.841+/-1.156 χ^2/NDF : 638906.5/28

asym_atl2_mean vs Slug, Sign Corrected



Right In: 2495.309+/-2534.953 χ^2/NDF : 11.3/13

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

Right Out: 2117.479+/-2440.707 χ^2/NDF : 17.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

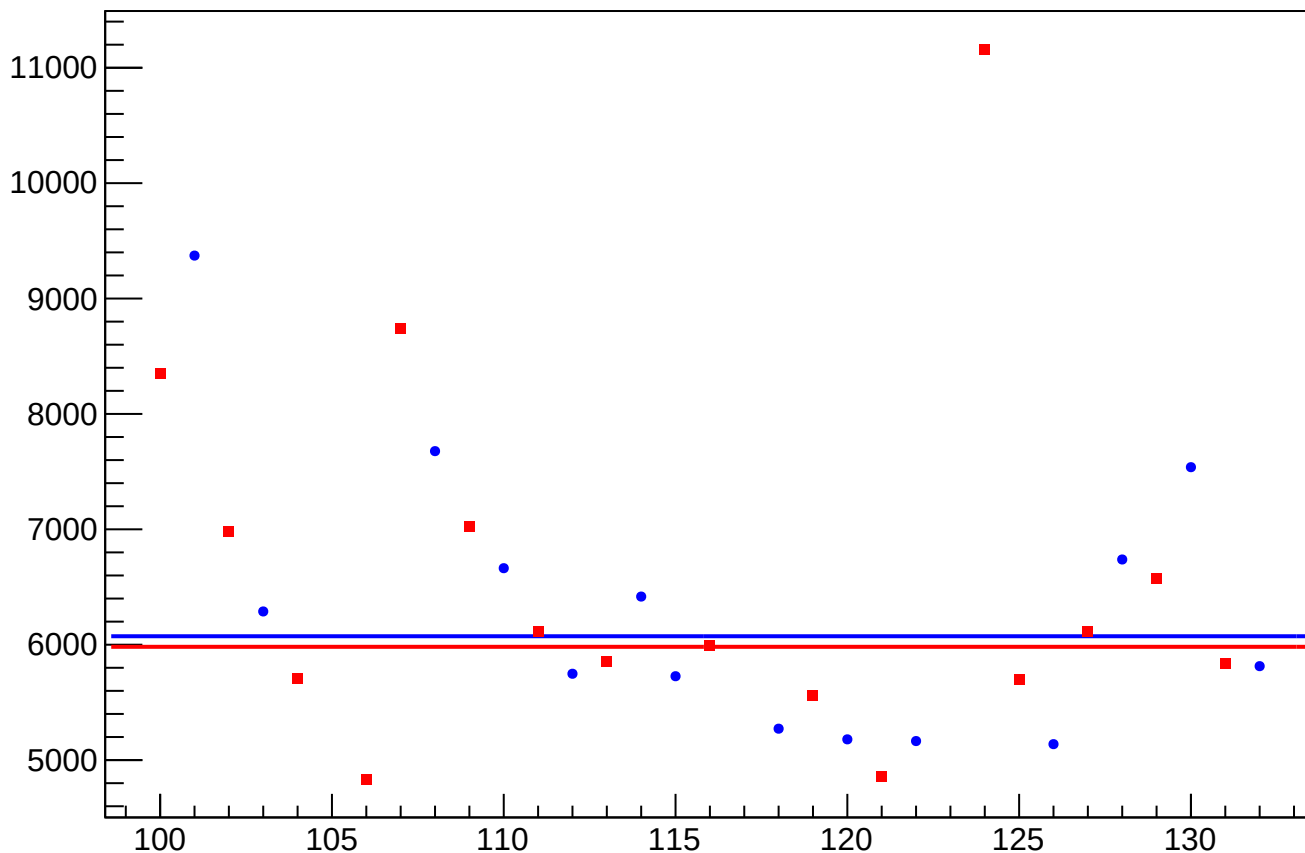
Right: 2299.240+/-1758.215 χ^2/NDF : 29.0/29

In: 2495.309+/-2534.953 χ^2/NDF : 11.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2299.240+/-1758.215 χ^2/NDF : 29.0/29

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6073.341+/-1.792 χ^2/NDF : 357951.6/13

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

Right Out: 5981.802+/-1.726 χ^2/NDF : 263456.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

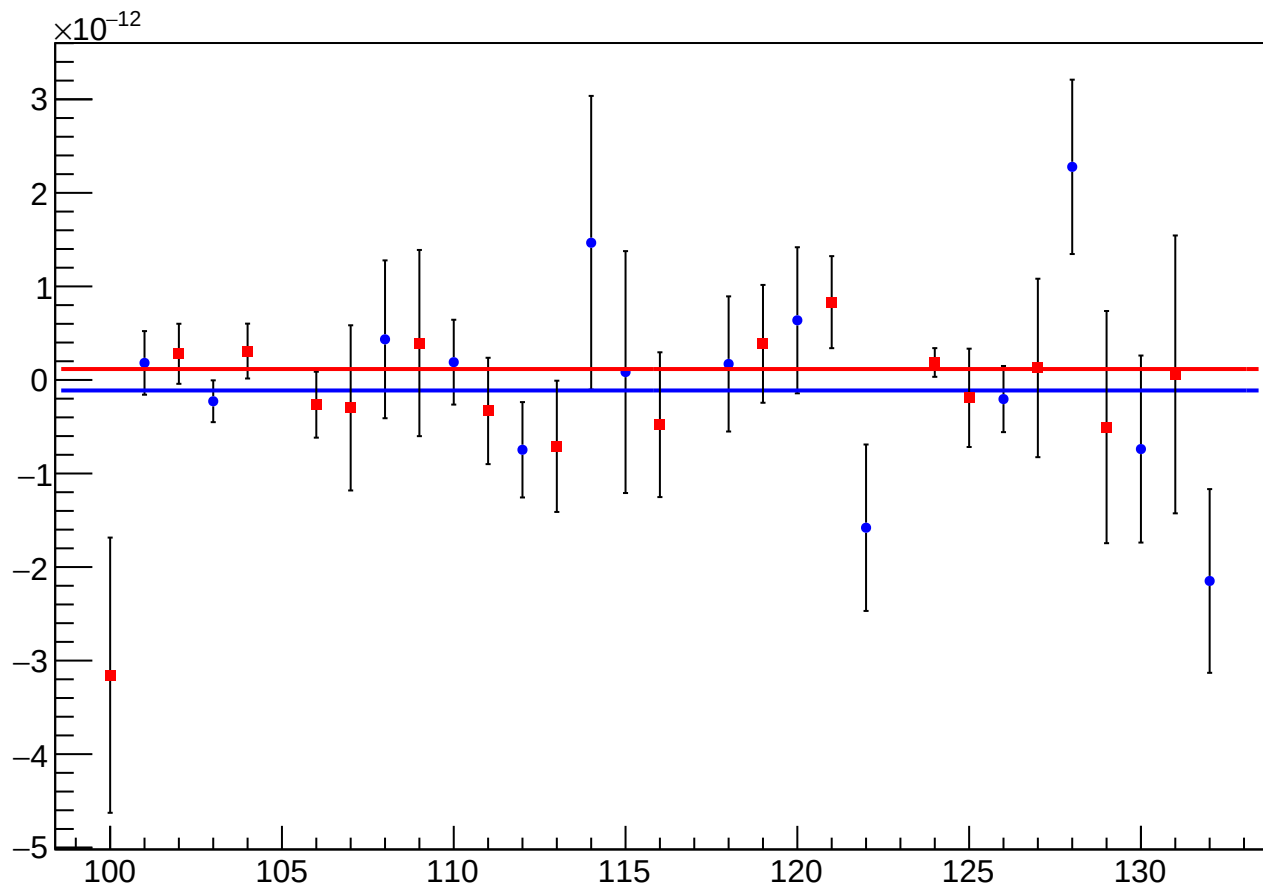
Right: 6025.838+/-1.243 χ^2/NDF : 622761.8/29

In: 6073.341+/-1.792 χ^2/NDF : 357951.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6025.838+/-1.243 χ^2/NDF : 622761.8/29

asym_atl2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 19.6/13

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

Right Out: 0.000+/-0.000 χ^2/NDF : 12.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

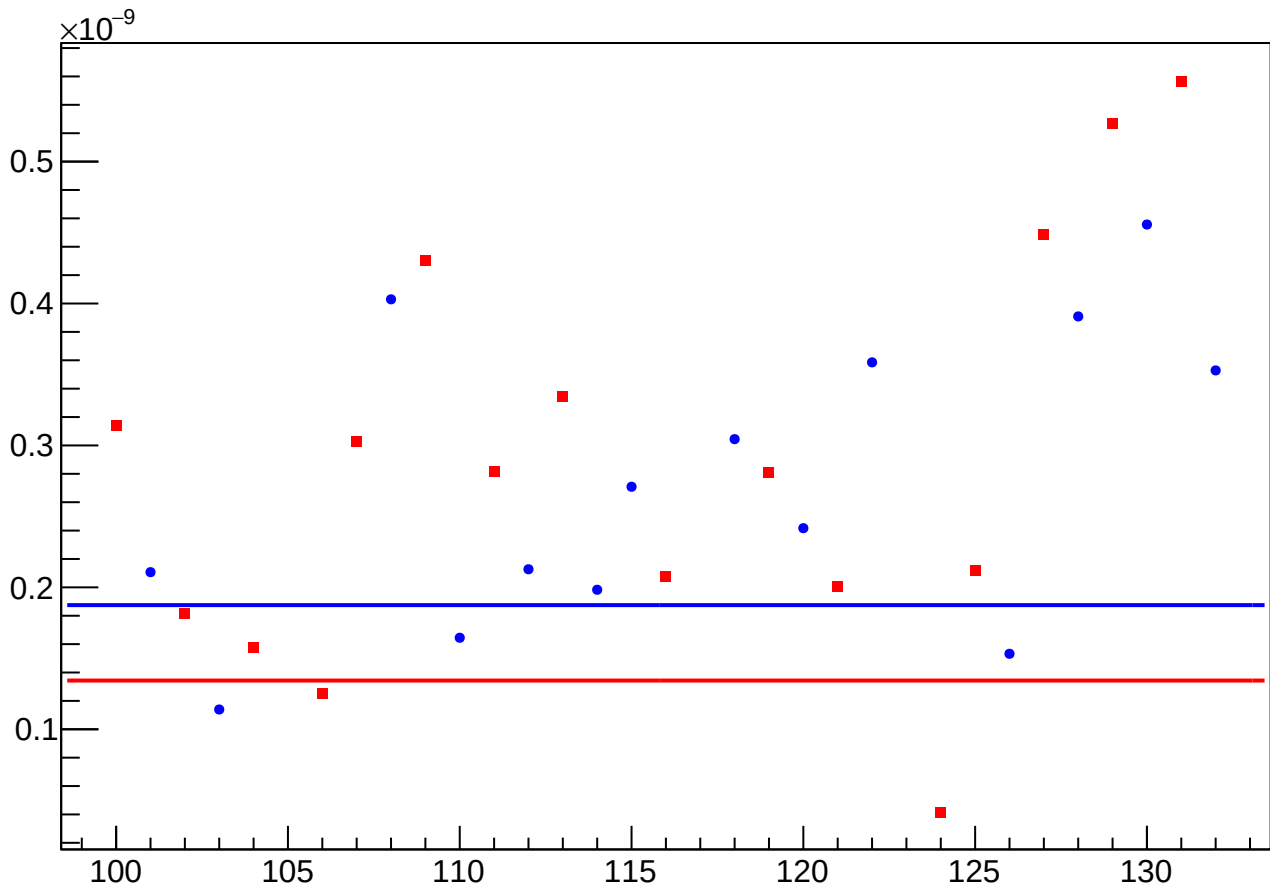
Right: 0.000+/-0.000 χ^2/NDF : 34.2/29

In: -0.000+/-0.000 χ^2/NDF : 19.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 34.2/29

asym_atl2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 825489.2/13

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2154433.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

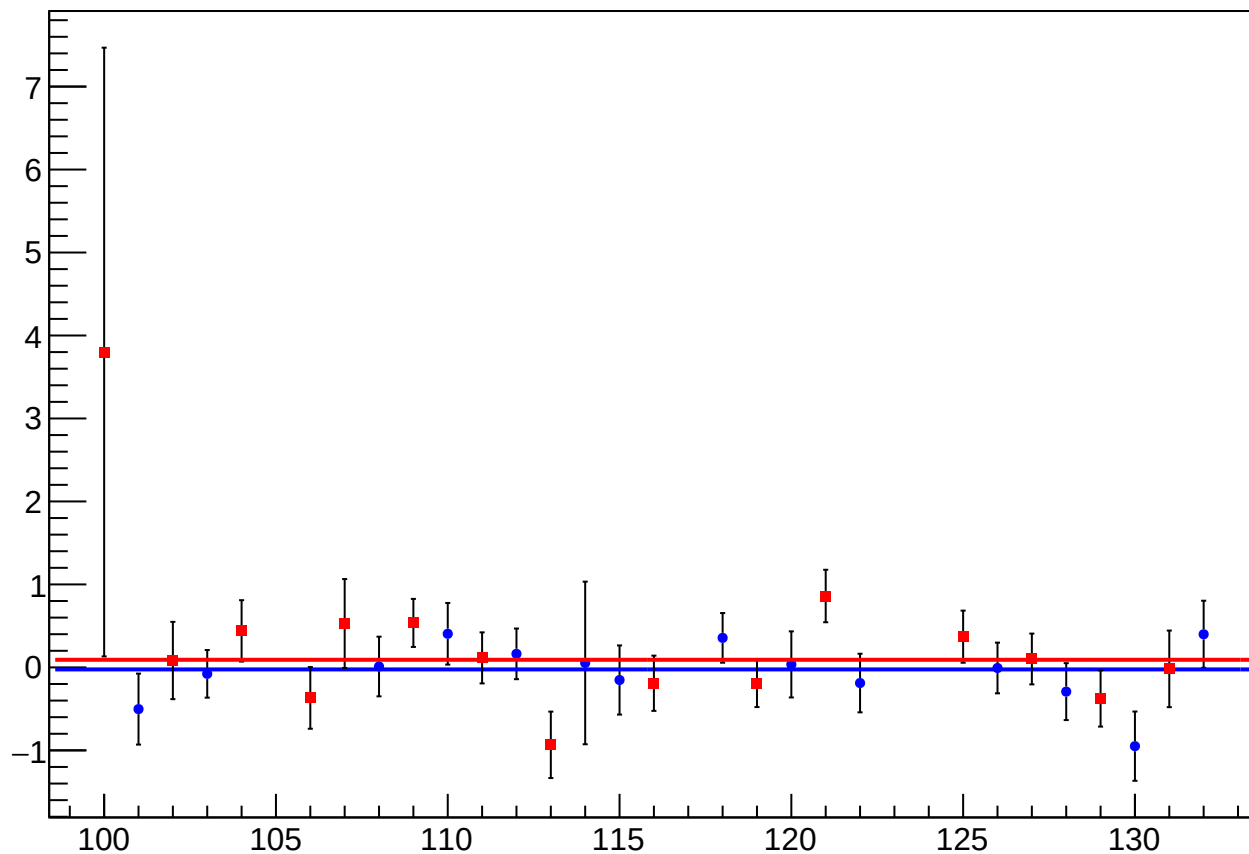
Right: 0.000+/-0.000 χ^2/NDF : 3177618.9/29

In: 0.000+/-0.000 χ^2/NDF : 825489.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3177618.9/29

asym_atl2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025+/-0.097 χ^2/NDF : 11.6/13

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

Right Out: 0.092+/-0.092 χ^2/NDF : 23.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

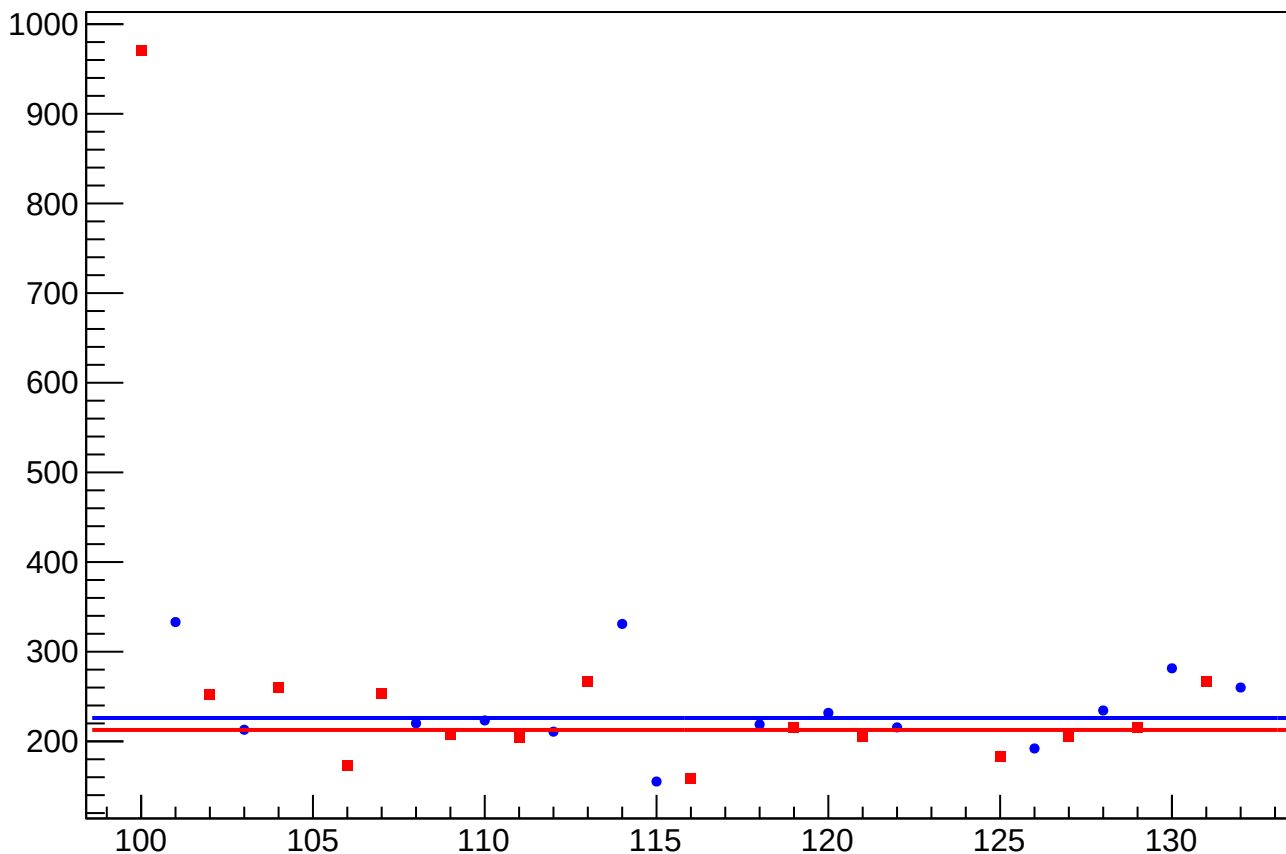
Right: 0.036+/-0.067 χ^2/NDF : 35.8/28

In: -0.025+/-0.097 χ^2/NDF : 11.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.036+/-0.067 χ^2/NDF : 35.8/28

asym_atl2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 226.072+/-0.068 χ^2/NDF : 294389.1/13

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

Right Out: 212.730+/-0.065 χ^2/NDF : 304706.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

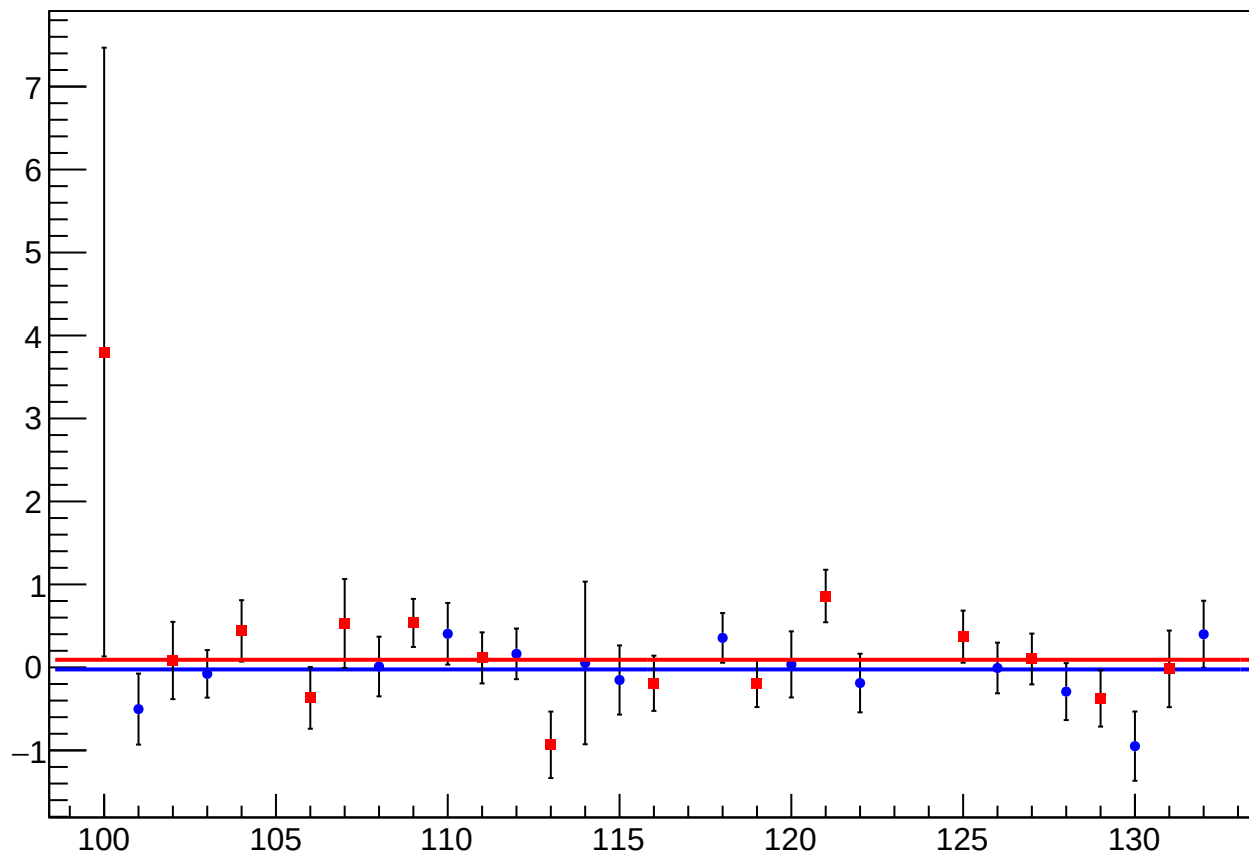
Right: 219.088+/-0.047 χ^2/NDF : 618979.7/28

In: 226.072+/-0.068 χ^2/NDF : 294389.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 219.088+/-0.047 χ^2/NDF : 618979.7/28

asym_atl2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025 ± 0.097 χ^2/NDF : 11.6/13

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

Right Out: 0.092 ± 0.092 χ^2/NDF : 23.4/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

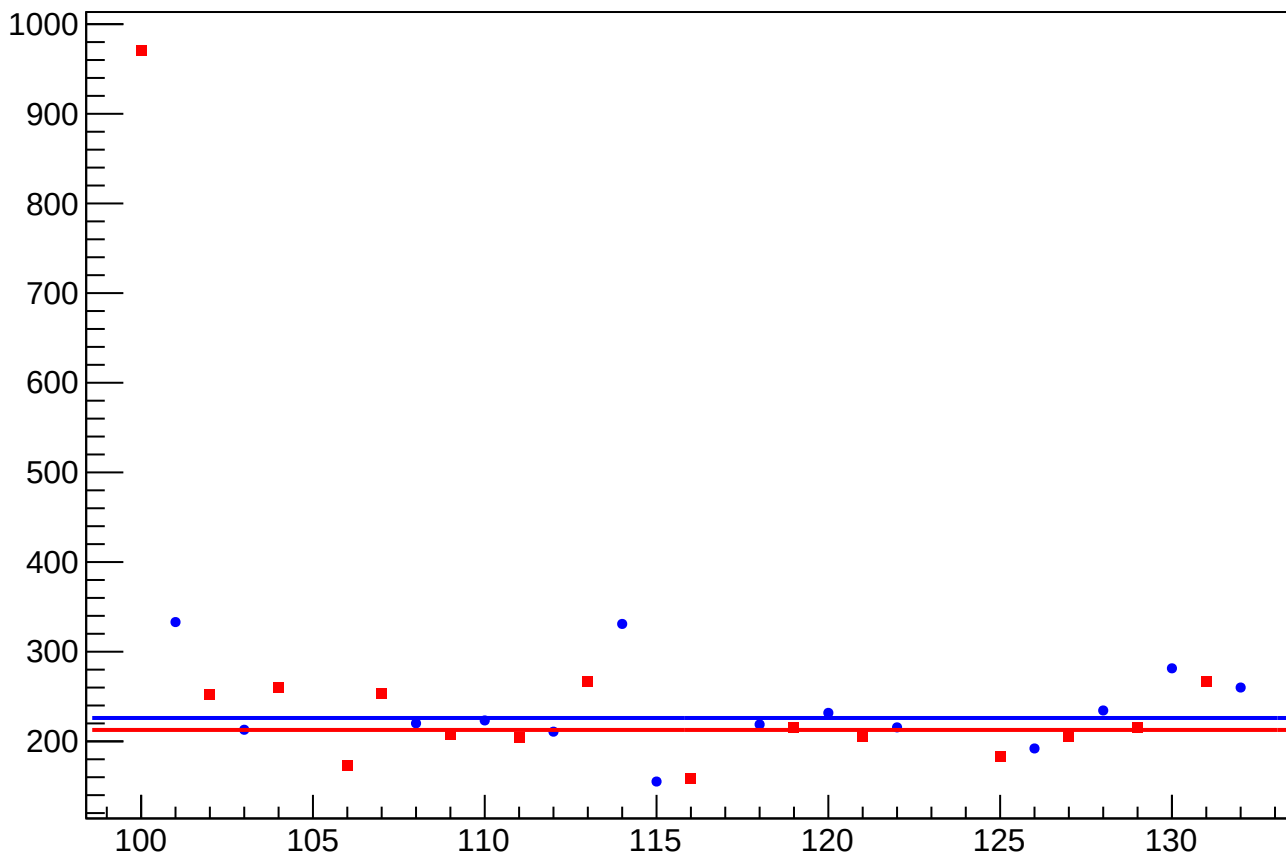
Right: 0.036 ± 0.067 χ^2/NDF : 35.8/28

In: -0.025 ± 0.097 χ^2/NDF : 11.6/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.036 ± 0.067 χ^2/NDF : 35.8/28

asym_atl2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 226.072+/-0.068 χ^2/NDF : 294389.1/13

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

Right Out: 212.730+/-0.065 χ^2/NDF : 304706.2/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

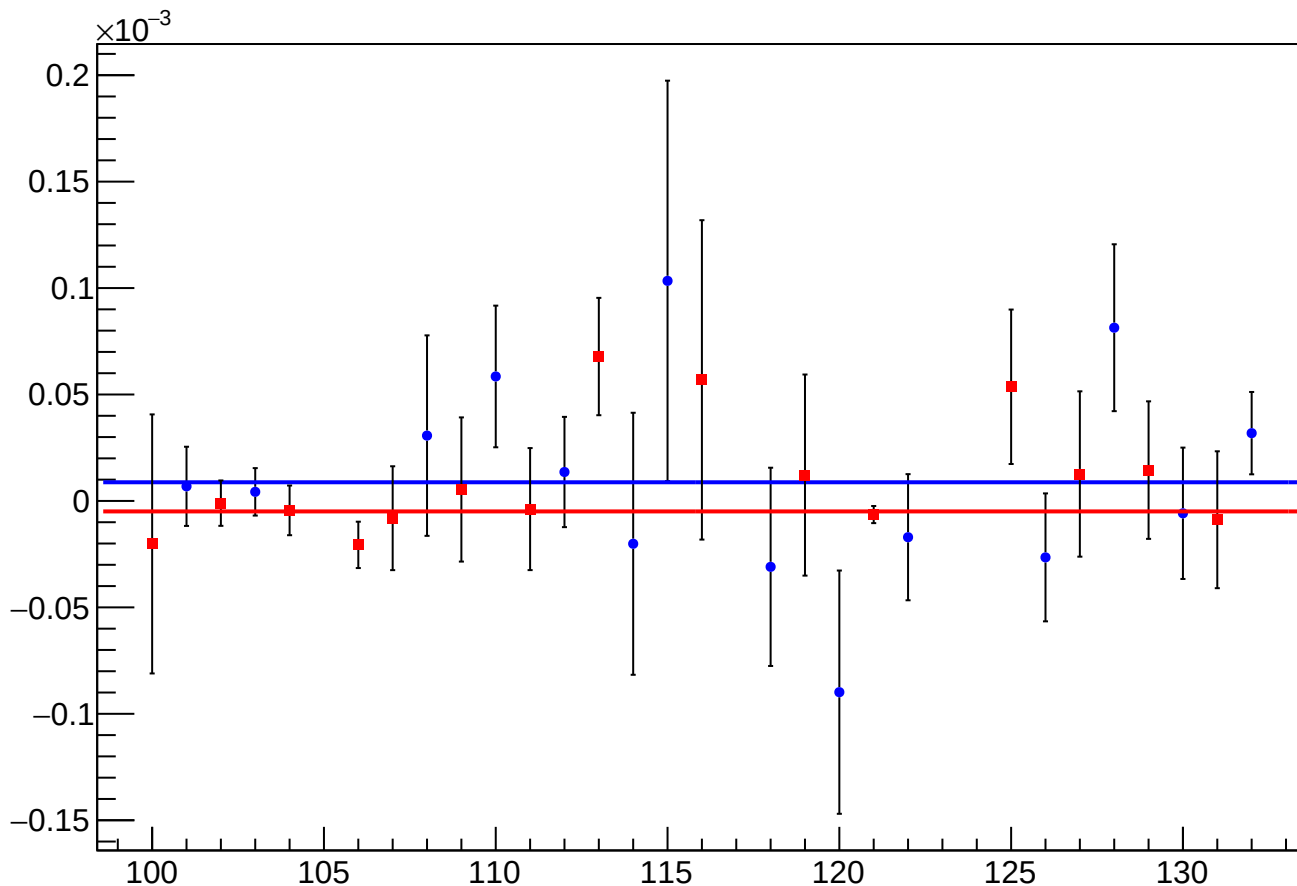
Right: 219.088+/-0.047 χ^2/NDF : 618979.7/28

In: 226.072+/-0.068 χ^2/NDF : 294389.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 219.088+/-0.047 χ^2/NDF : 618979.7/28

asym_atl2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.8/13

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

Right Out: -0.000+/-0.000 χ^2/NDF : 13.5/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

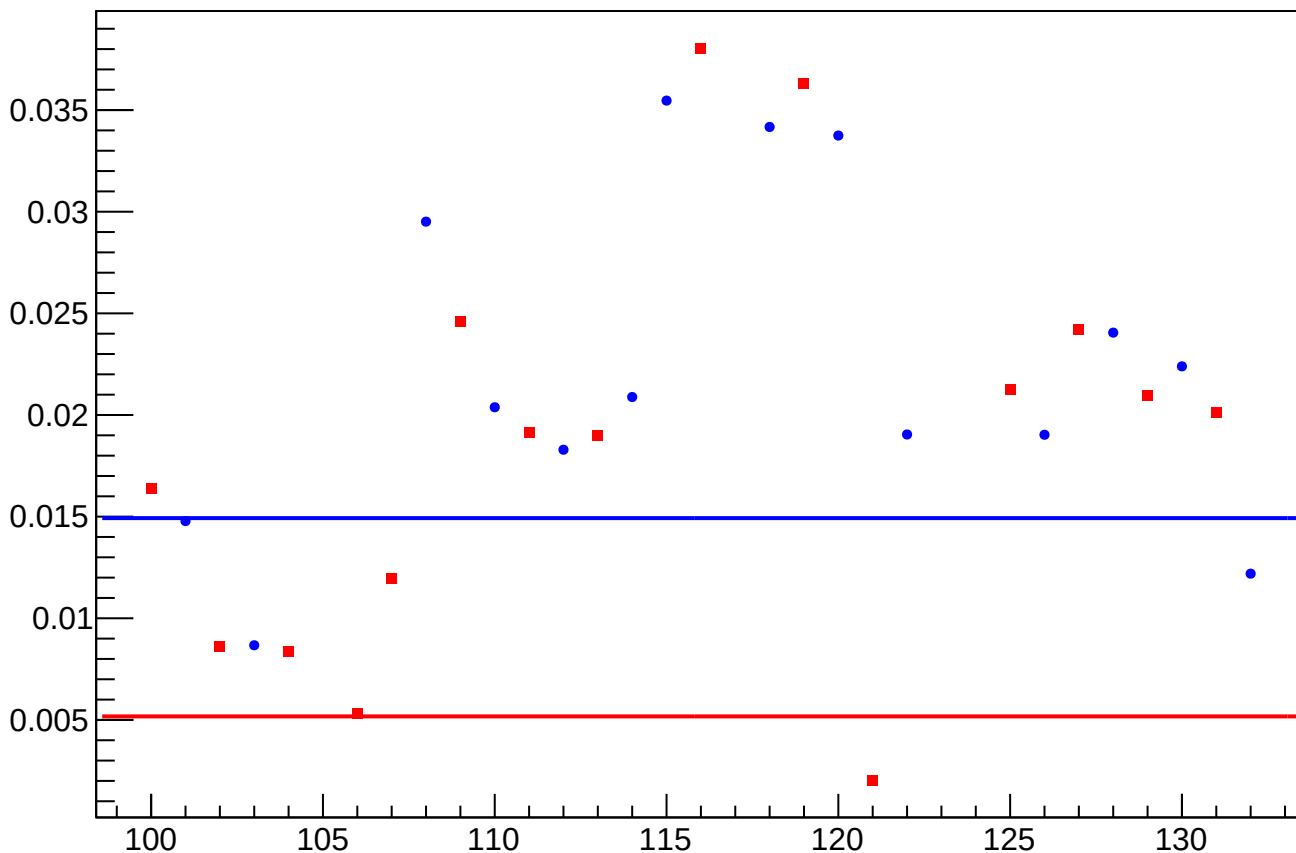
Right: -0.000+/-0.000 χ^2/NDF : 31.6/28

In: 0.000+/-0.000 χ^2/NDF : 14.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.6/28

asym_atl2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000

χ^2/NDF : 1922988.4/13

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000

χ^2/NDF : 6490974.4/14

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.007+/-0.000

χ^2/NDF : 11761420.1/28

In: 0.015+/-0.000

χ^2/NDF : 1922988.4/13

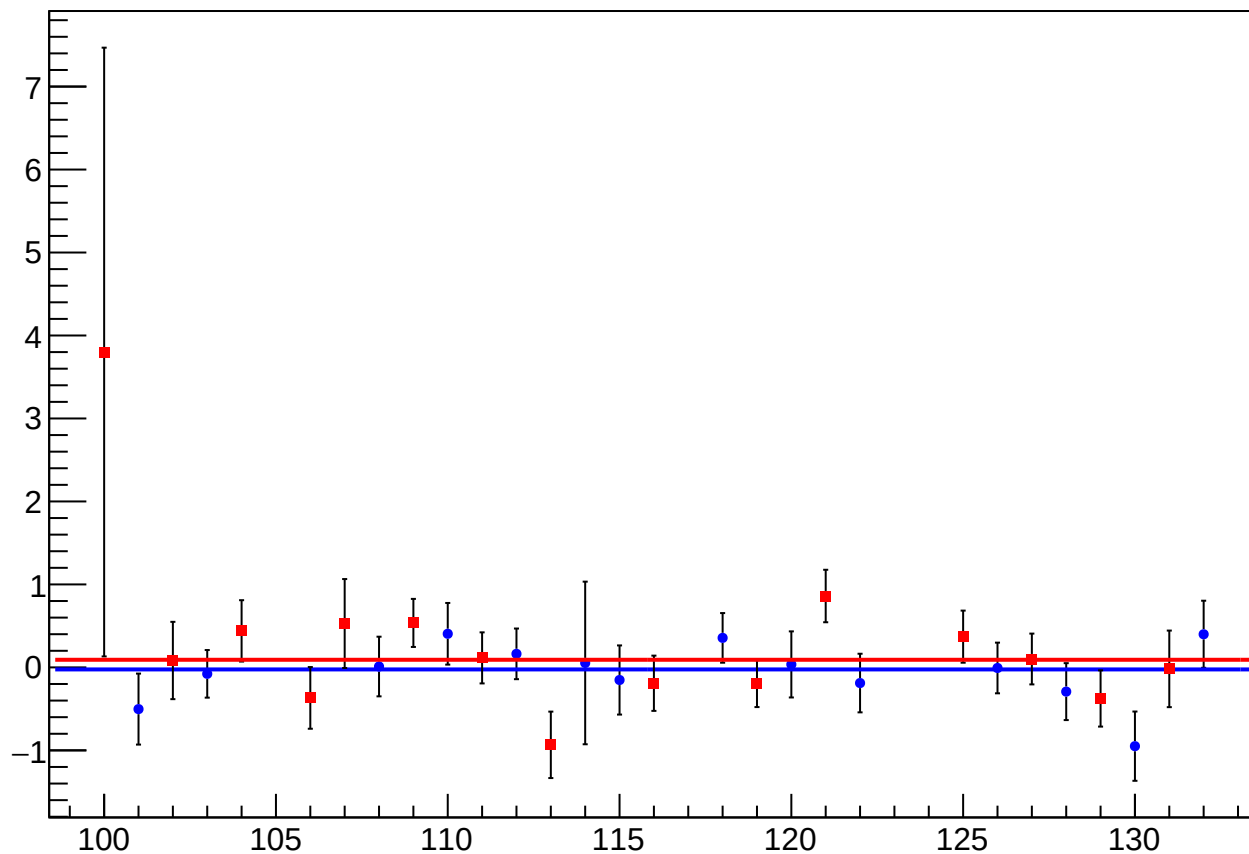
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.007+/-0.000

χ^2/NDF : 11761420.1/28

asym_atl2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025+/-0.097 χ^2/NDF : 11.6/13

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

Right Out: 0.092+/-0.092 χ^2/NDF : 23.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

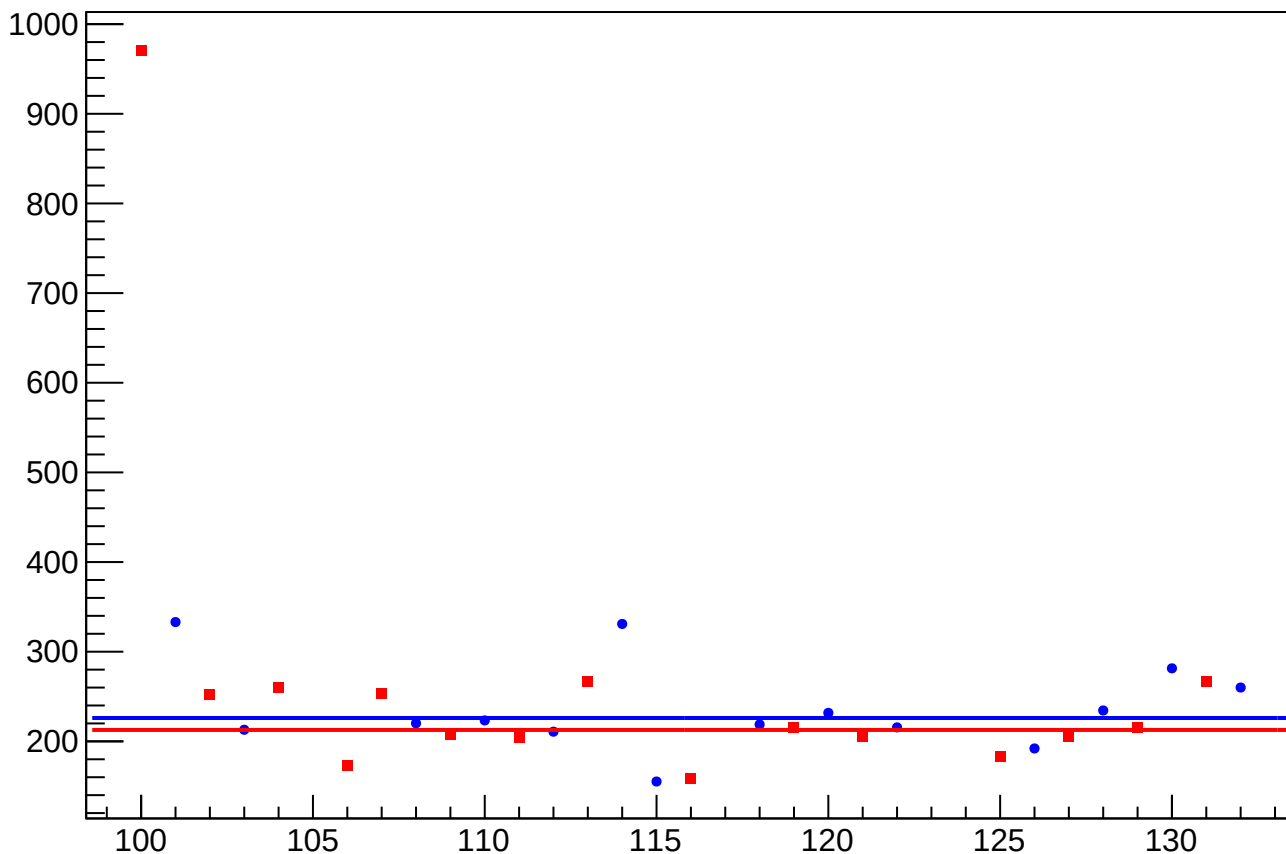
Right: 0.036+/-0.067 χ^2/NDF : 35.8/28

In: -0.025+/-0.097 χ^2/NDF : 11.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.036+/-0.067 χ^2/NDF : 35.8/28

asym_atl2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 226.072+/-0.068 χ^2/NDF : 294345.5/13

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

Right Out: 212.732+/-0.065 χ^2/NDF : 304666.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

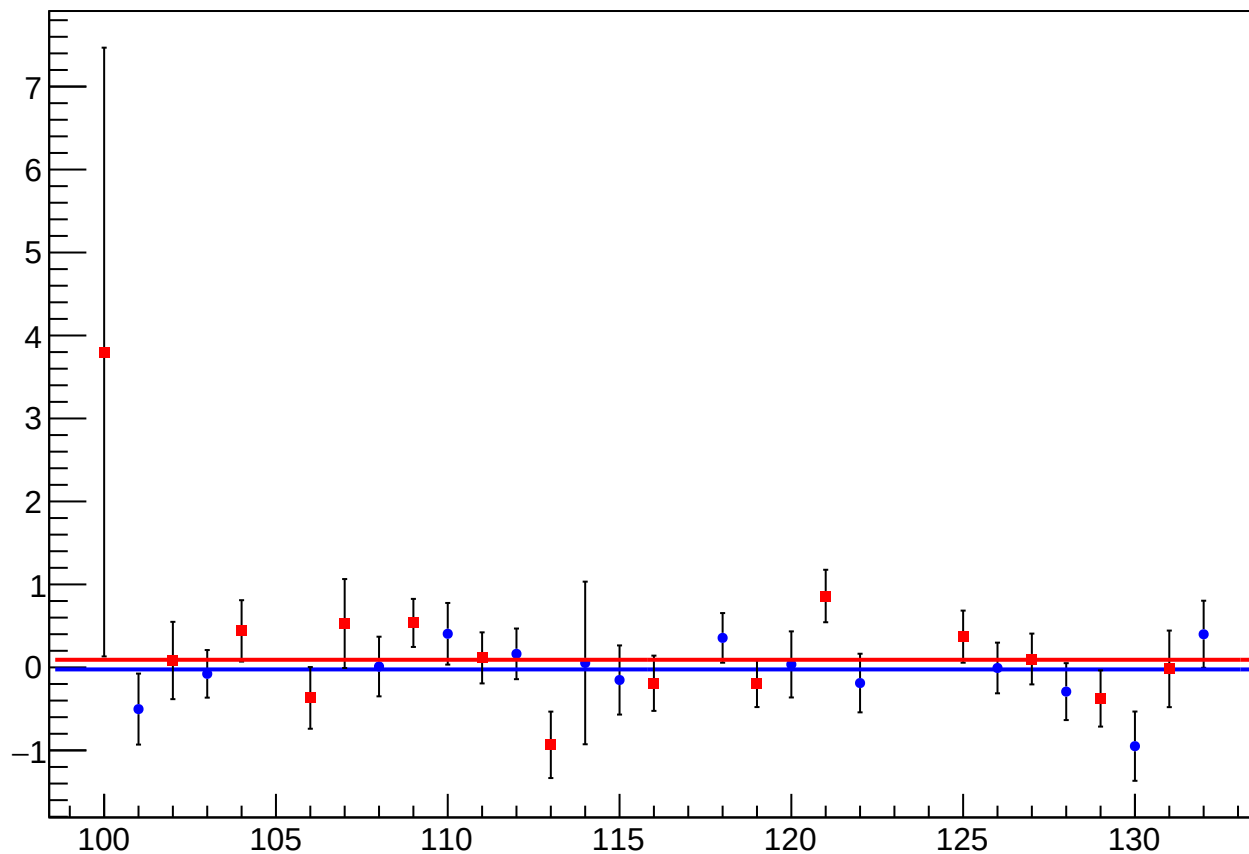
Right: 219.089+/-0.047 χ^2/NDF : 618893.6/28

In: 226.072+/-0.068 χ^2/NDF : 294345.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 219.089+/-0.047 χ^2/NDF : 618893.6/28

asym_atl2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025 ± 0.097 χ^2/NDF : 11.6/13

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

Right Out: 0.092 ± 0.092 χ^2/NDF : 23.4/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

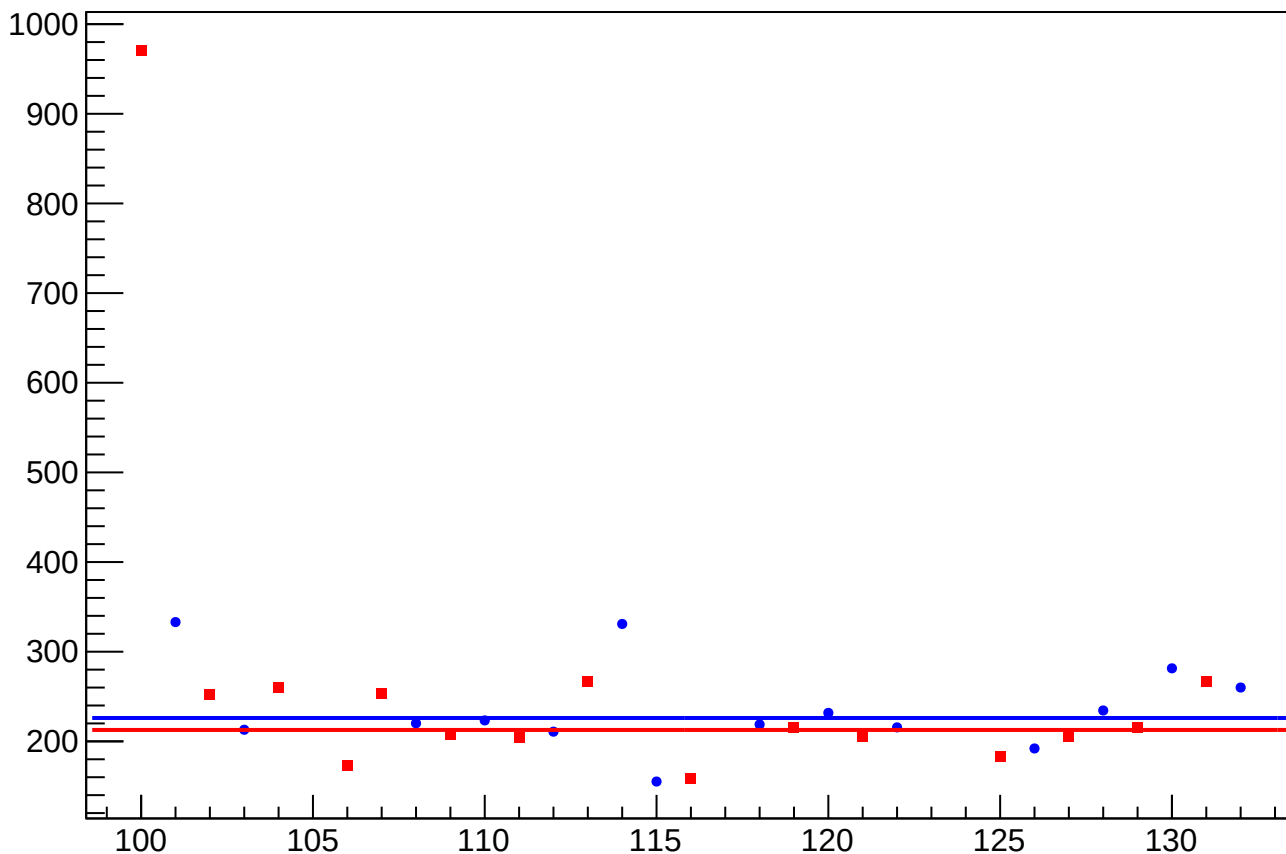
Right: 0.036 ± 0.067 χ^2/NDF : 35.8/28

In: -0.025 ± 0.097 χ^2/NDF : 11.6/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.036 ± 0.067 χ^2/NDF : 35.8/28

asym_atl2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 226.072+/-0.068 χ^2/NDF : 294345.5/13

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

Right Out: 212.732+/-0.065 χ^2/NDF : 304666.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

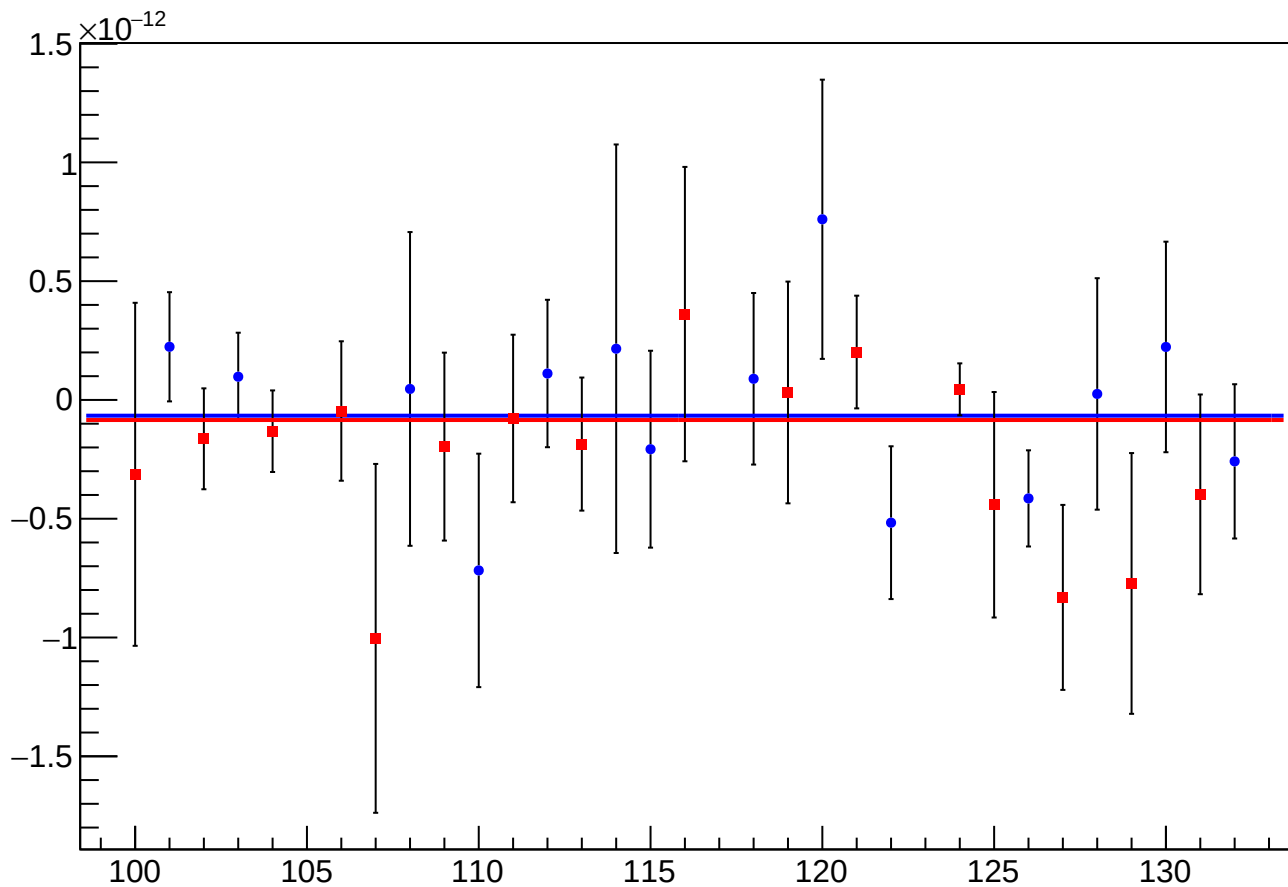
Right: 219.089+/-0.047 χ^2/NDF : 618893.6/28

In: 226.072+/-0.068 χ^2/NDF : 294345.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 219.089+/-0.047 χ^2/NDF : 618893.6/28

asym_atl2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.6/13

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

Right Out: -0.000+/-0.000 χ^2/NDF : 11.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

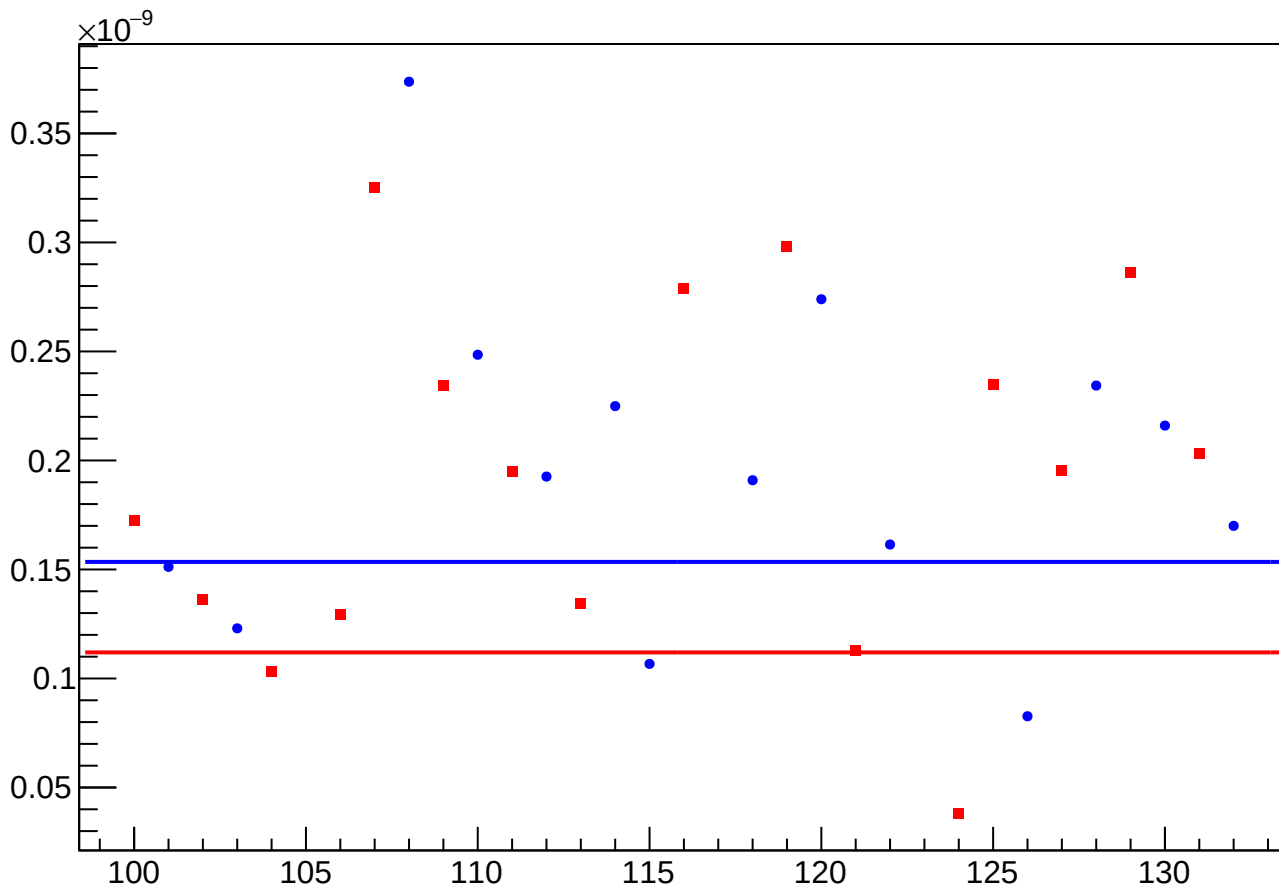
Right: -0.000+/-0.000 χ^2/NDF : 24.5/29

In: -0.000+/-0.000 χ^2/NDF : 12.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.5/29

asym_atl2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 874333.0/13

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2436245.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

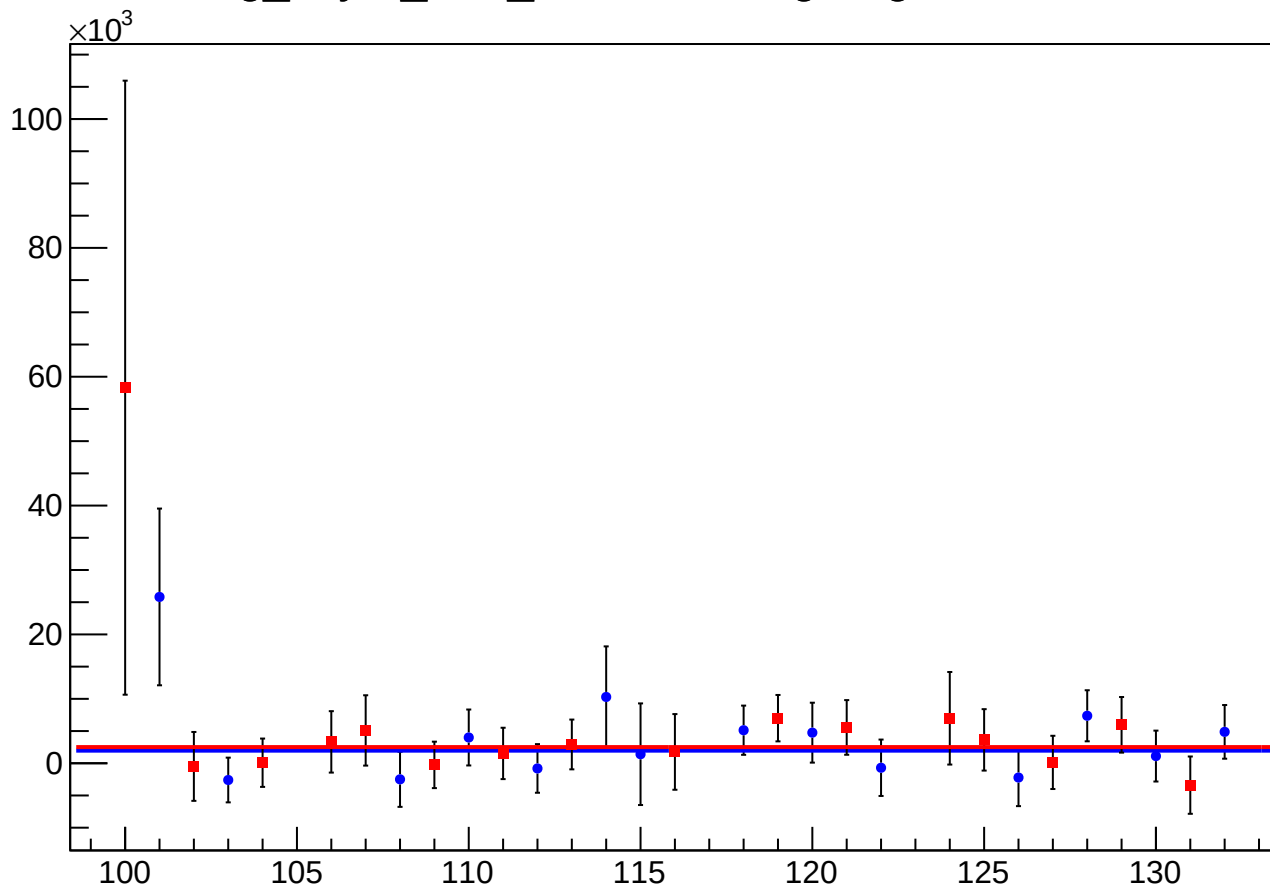
Right: 0.000+/-0.000 χ^2/NDF : 3603069.6/29

In: 0.000+/-0.000 χ^2/NDF : 874333.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3603069.6/29

reg_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1958.296+/-1193.758 χ^2/NDF : 12.4/13

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

Right Out: 2510.300+/-1133.087 χ^2/NDF : 8.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

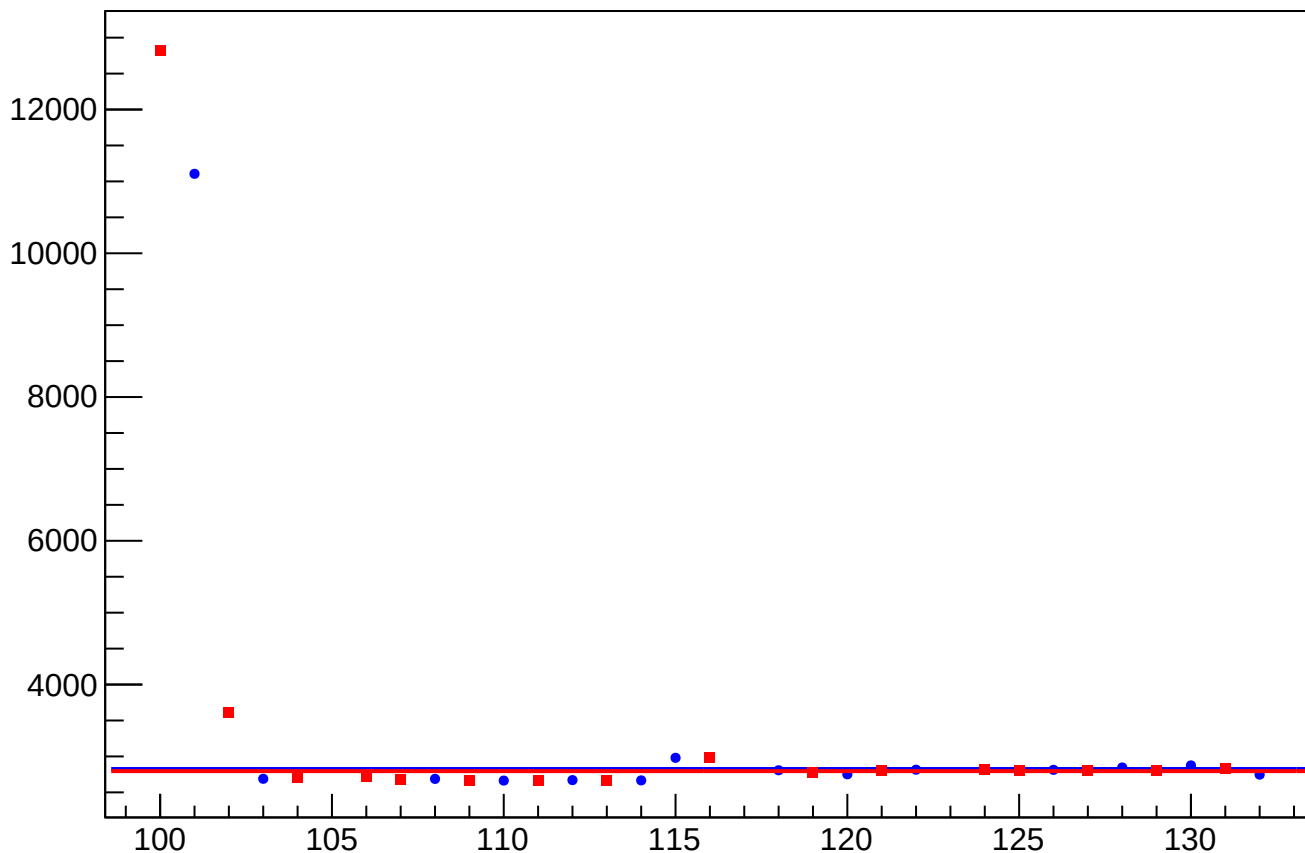
Right: 2248.681+/-821.825 χ^2/NDF : 20.8/29

In: 1958.296+/-1193.758 χ^2/NDF : 12.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2248.681+/-821.825 χ^2/NDF : 20.8/29

reg_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2825.143+/-0.844 χ^2/NDF : 743412.4/13

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

Right Out: 2795.505+/-0.801 χ^2/NDF : 146412.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

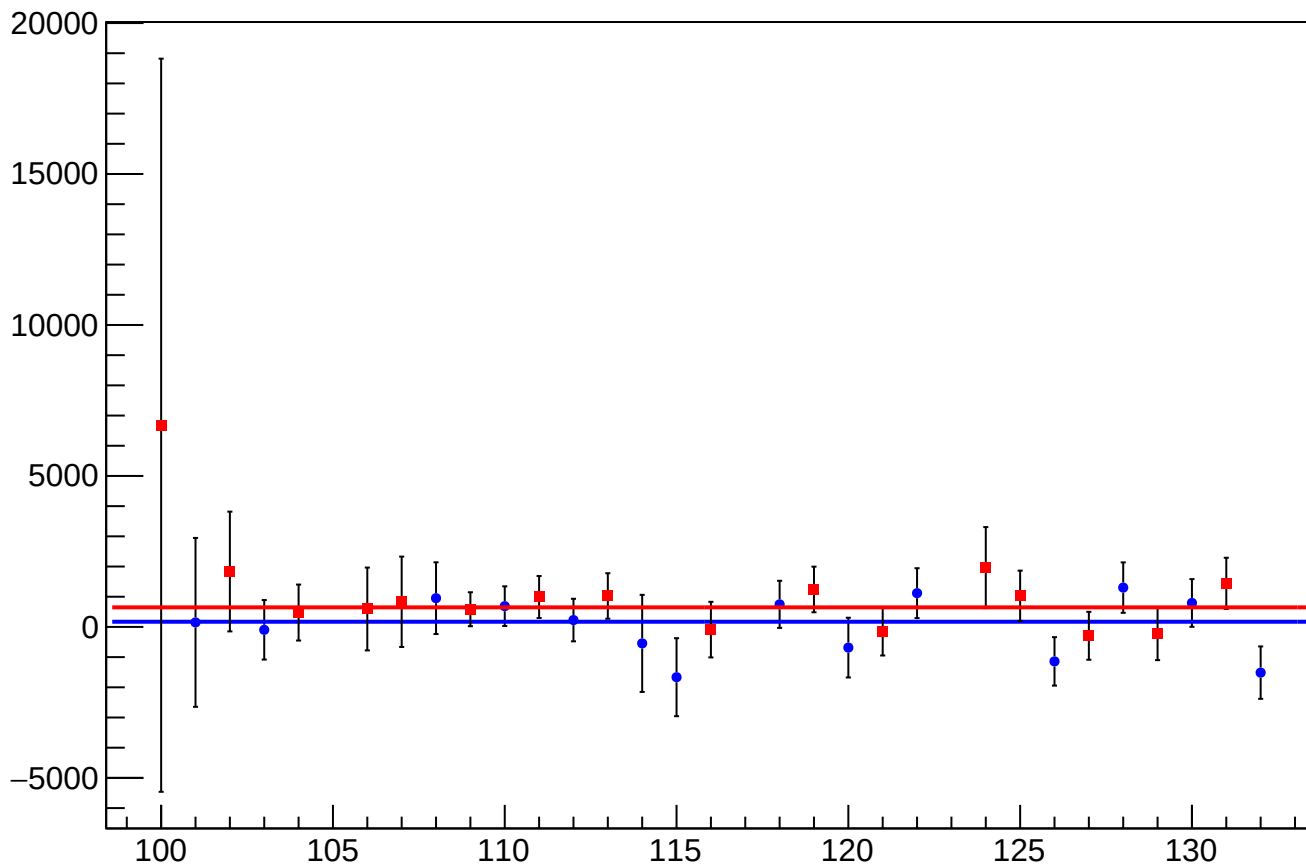
Right: 2809.552+/-0.581 χ^2/NDF : 890472.9/29

In: 2825.143+/-0.844 χ^2/NDF : 743412.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2809.552+/-0.581 χ^2/NDF : 890472.9/29

asym_atr1_reg_correction_mean vs Slug, Sign Corrected



Right In: 171.806 $\pm$ 240.886 χ^2 /NDF: 14.9/13

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

Right Out: 647.820 $\pm$ 222.301 χ^2 /NDF: 7.9/15

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

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

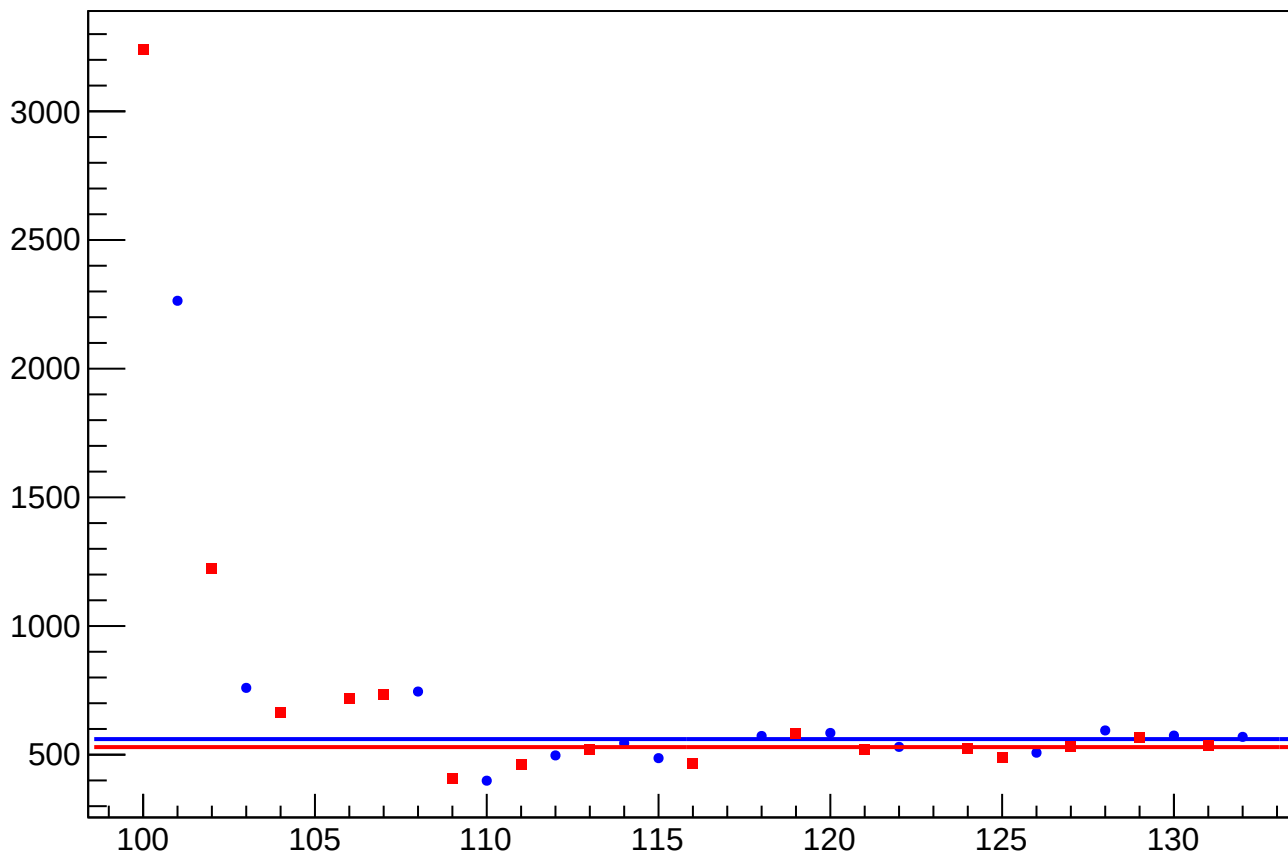
Right: 428.882 $\pm$ 163.366 χ^2 /NDF: 24.9/29

In: 171.806 $\pm$ 240.886 χ^2 /NDF:14.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 428.882 $\pm$ 163.366 χ^2 /NDF: 24.9/29

asym_atr1_reg_correction_rms vs Slug, Sign Corrected



Right In: 560.668 $\pm$ 0.170 χ^2 /NDF: 1032695.0/13

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

Right Out: 529.546 $\pm$ 0.157 χ^2 /NDF: 605063.0/15

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

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

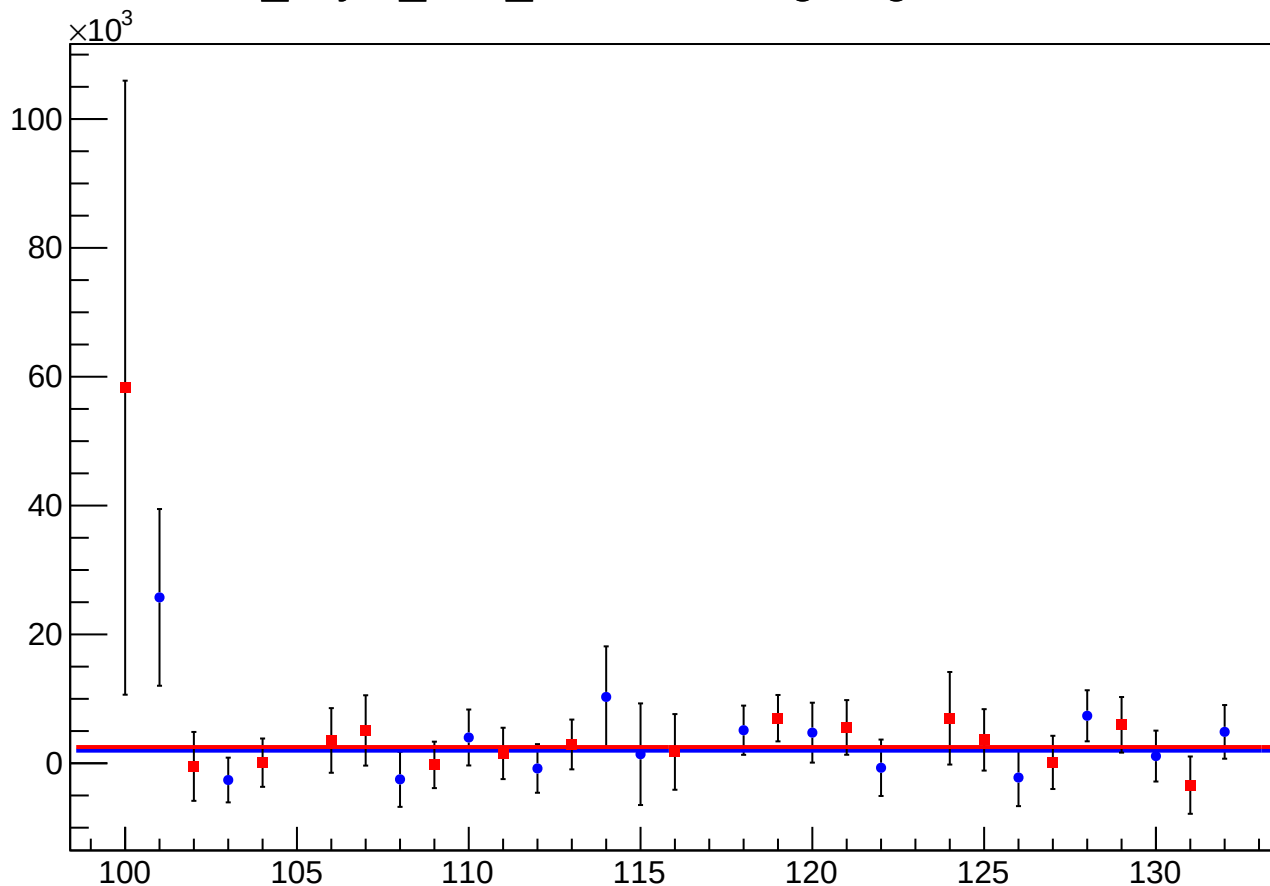
Right: 543.860 $\pm$ 0.116 χ^2 /NDF: 1655787.8/29

In: 560.668 $\pm$ 0.170 χ^2 /NDF:1032695.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 543.860 $\pm$ 0.116 χ^2 /NDF: 1655787.8/29

cor_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1957.361+/-1193.758 χ^2/NDF : 12.4/13

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

Right Out: 2518.133+/-1136.214 χ^2/NDF : 8.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

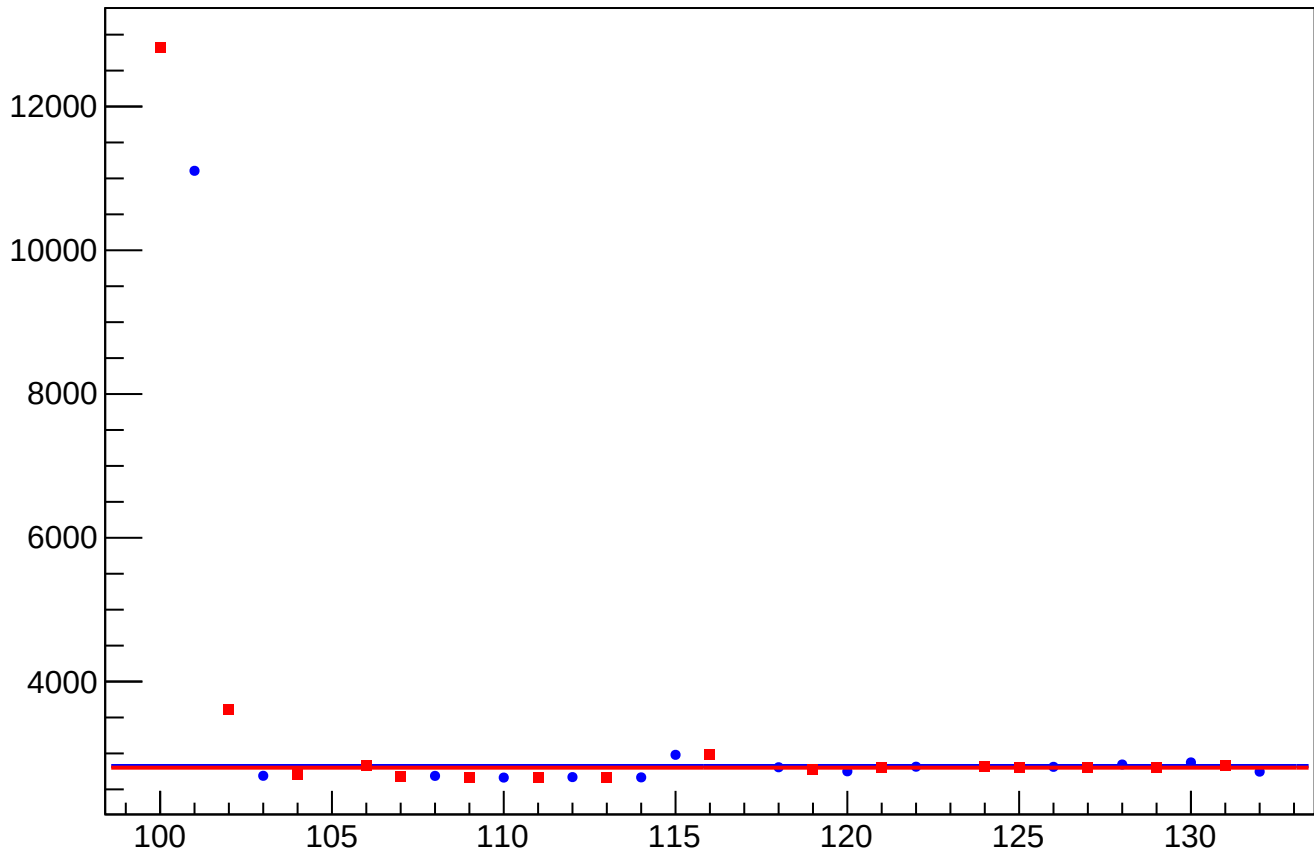
Right: 2251.588+/-823.016 χ^2/NDF : 20.8/29

In: 1957.361+/-1193.758 χ^2/NDF : 12.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2251.588+/-823.016 χ^2/NDF : 20.8/29

cor_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2825.143+/-0.844 χ^2/NDF : 743411.5/13

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

Right Out: 2801.939+/-0.803 χ^2/NDF : 146013.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

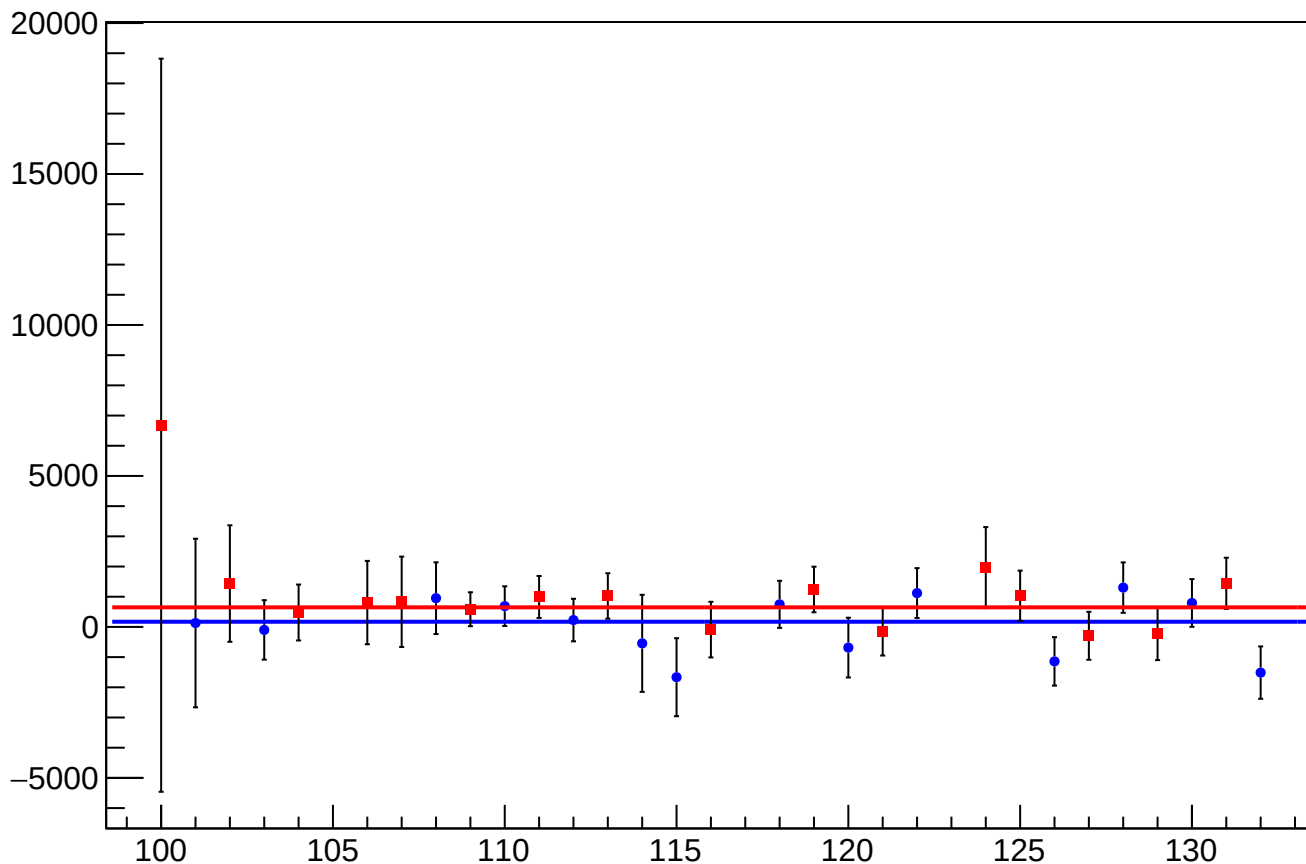
Right: 2812.968+/-0.582 χ^2/NDF : 889821.9/29

In: 2825.143+/-0.844 χ^2/NDF : 743411.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2812.968+/-0.582 χ^2/NDF : 889821.9/29

asym_atr1_cor_correction_mean vs Slug, Sign Corrected



Right In: 171.724+/-240.873 χ^2/NDF : 14.9/13

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

Right Out: 649.012+/-222.251 χ^2/NDF : 7.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

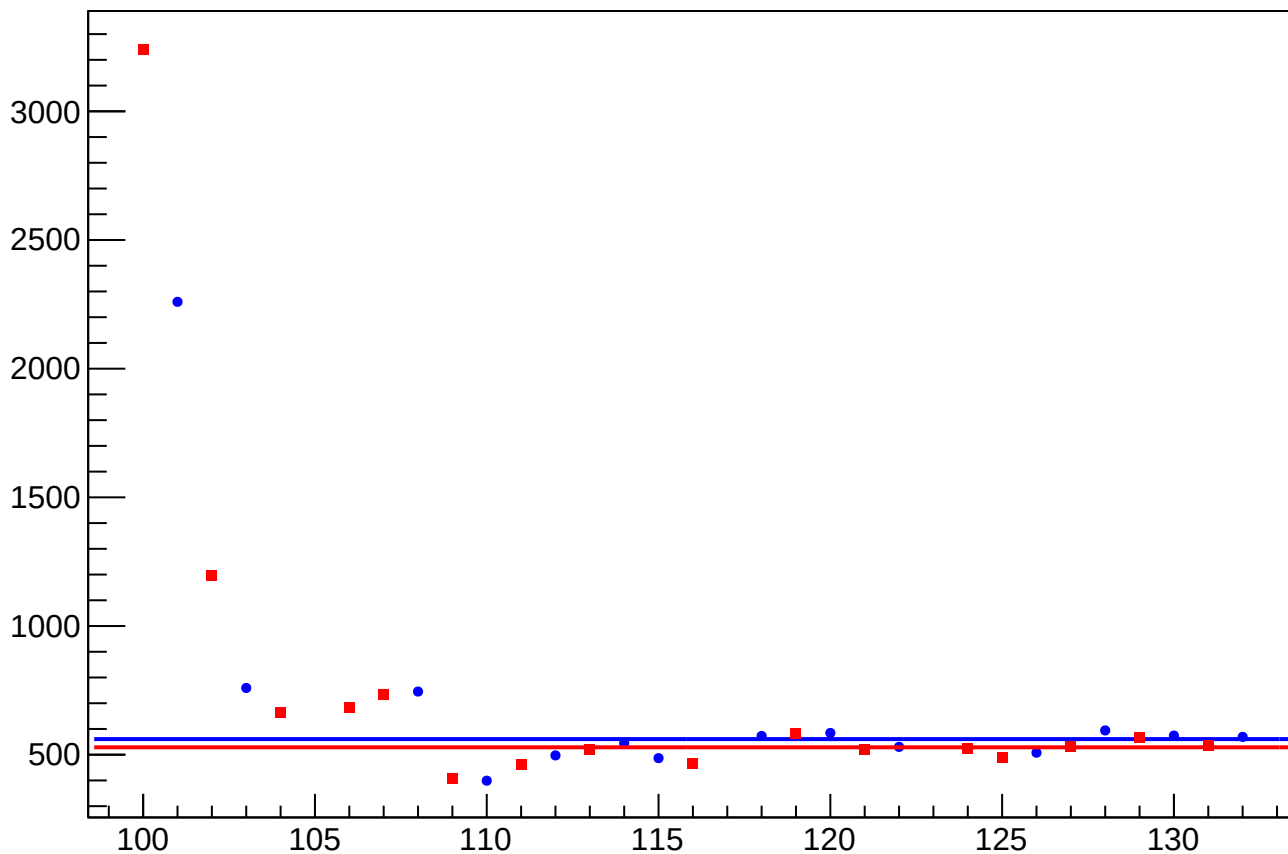
Right: 429.529+/-163.342 χ^2/NDF : 24.7/29

In: 171.724+/-240.873 χ^2/NDF : 14.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 429.529+/-163.342 χ^2/NDF : 24.7/29

asym_atr1_cor_correction_rms vs Slug, Sign Corrected



Right In: 560.670+/-0.170 χ^2/NDF : 1031697.8/13

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

Right Out: 528.764+/-0.157 χ^2/NDF : 588256.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

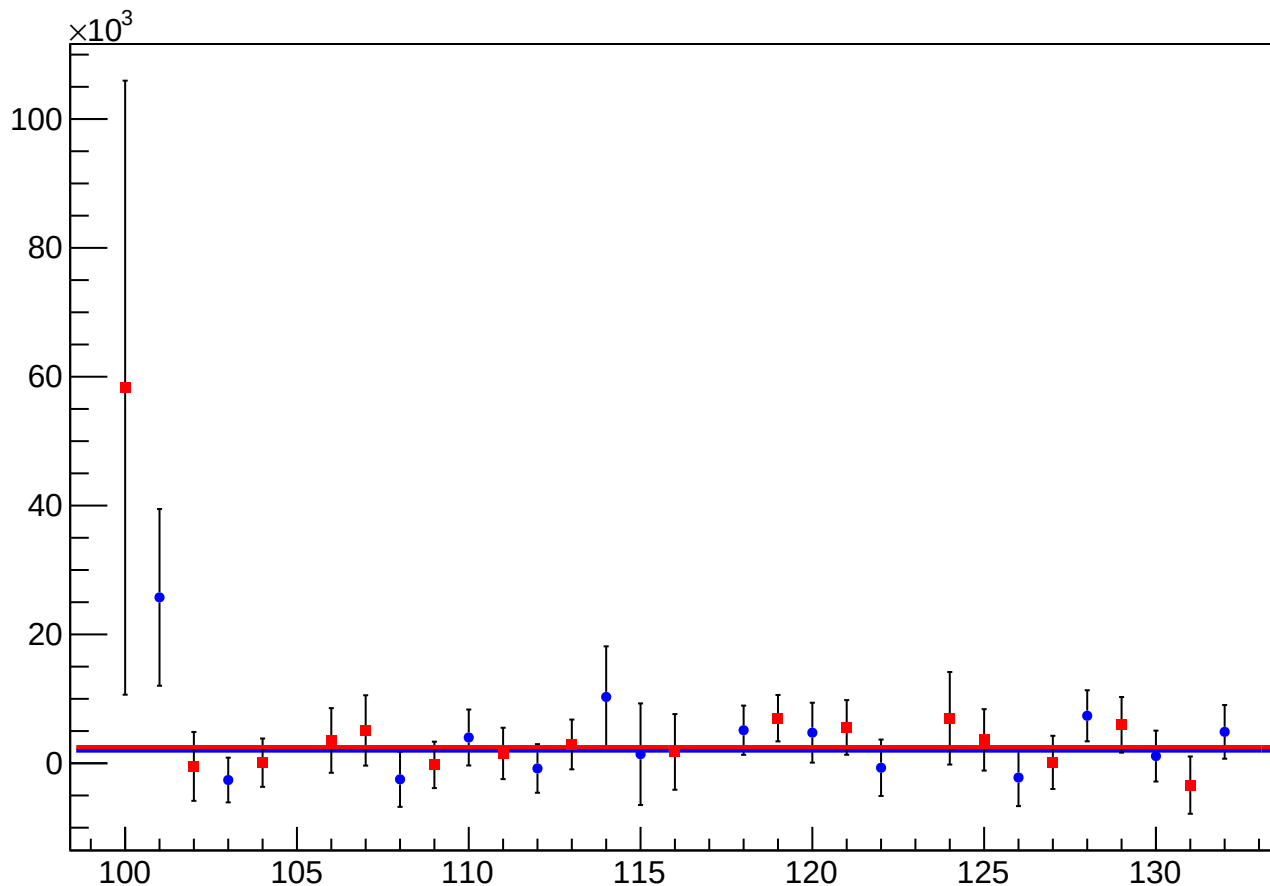
Right: 543.436+/-0.116 χ^2/NDF : 1638908.8/29

In: 560.670+/-0.170 χ^2/NDF : 1031697.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 543.436+/-0.116 χ^2/NDF : 1638908.8/29

eigen_cor_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1957.361+/-1193.758 χ^2/NDF : 12.4/13

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

Right Out: 2518.133+/-1136.214 χ^2/NDF : 8.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

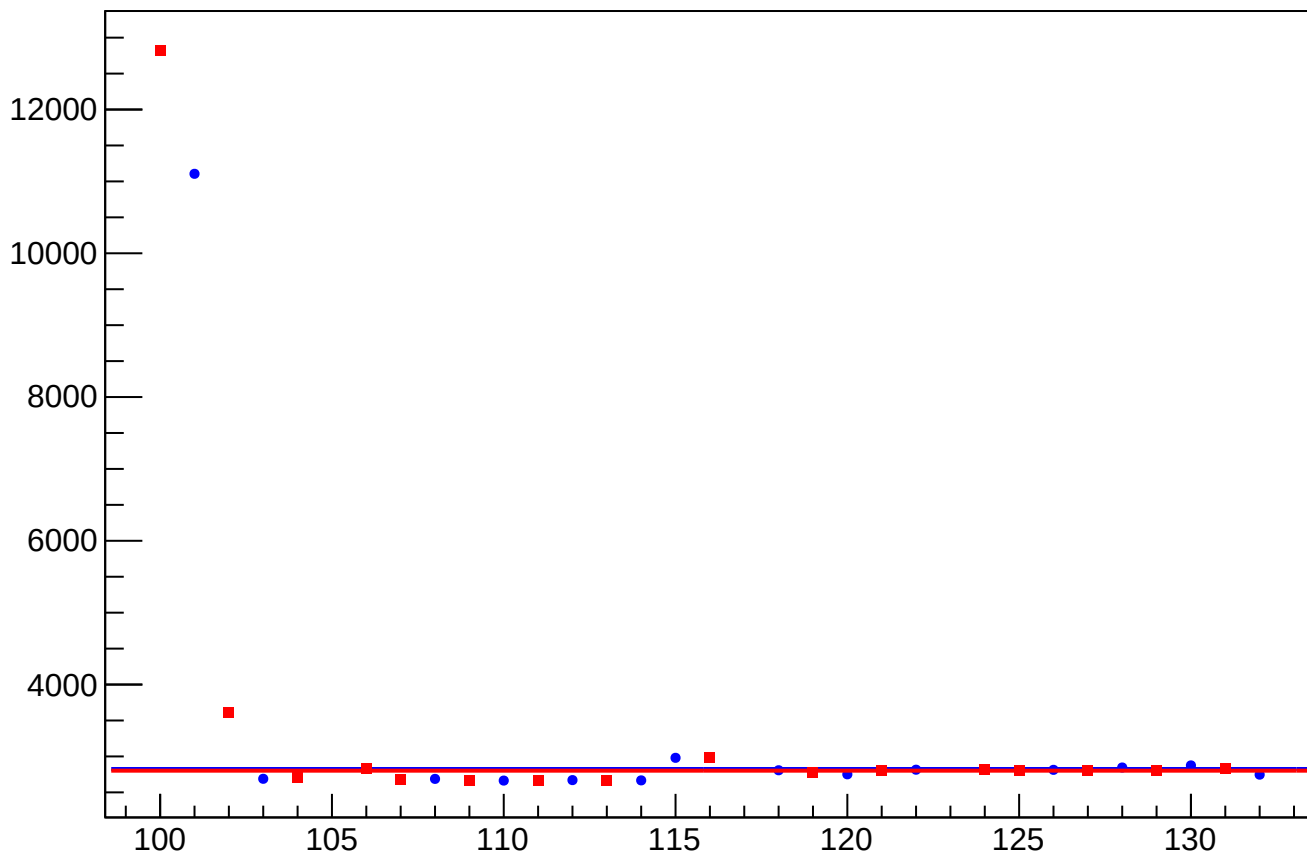
Right: 2251.588+/-823.016 χ^2/NDF : 20.8/29

In: 1957.361+/-1193.758 χ^2/NDF : 12.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2251.588+/-823.016 χ^2/NDF : 20.8/29

eigen_cor_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2825.143+/-0.844 χ^2/NDF : 743411.5/13

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

Right Out: 2801.939+/-0.803 χ^2/NDF : 146013.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

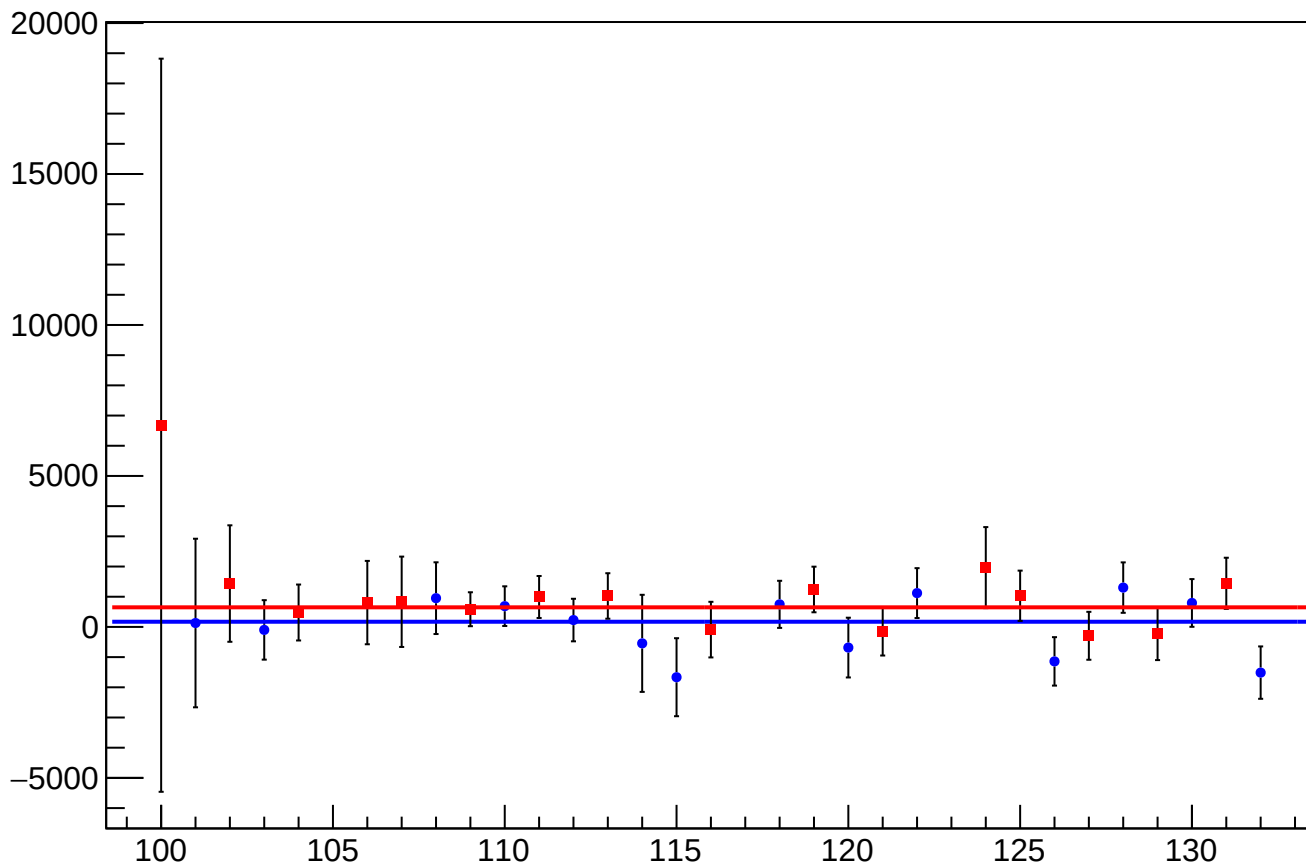
Right: 2812.968+/-0.582 χ^2/NDF : 889821.9/29

In: 2825.143+/-0.844 χ^2/NDF : 743411.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2812.968+/-0.582 χ^2/NDF : 889821.9/29

asym_atr1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 171.724+/-240.873 χ^2 /NDF: 14.9/13

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

Right Out: 649.012+/-222.251 χ^2 /NDF: 7.8/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

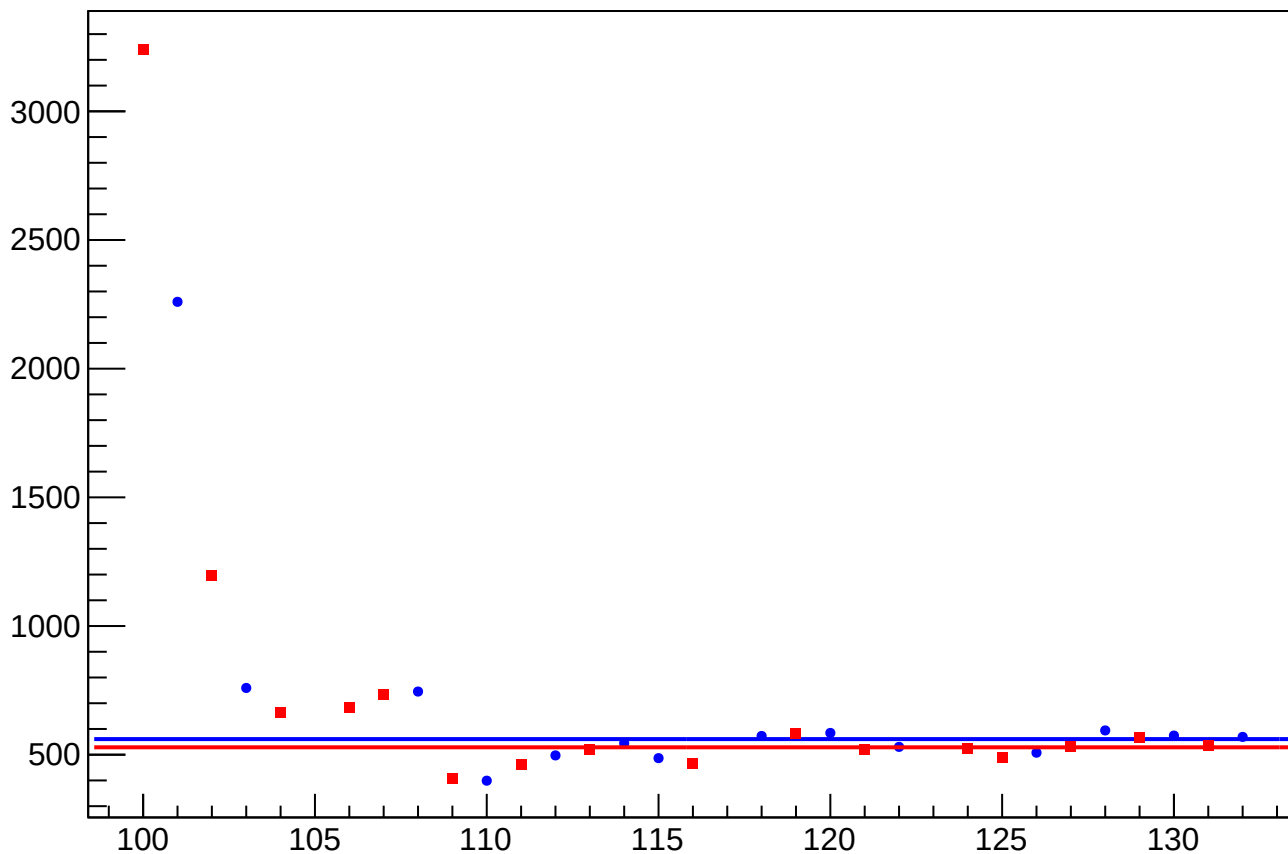
Right: 429.529+/-163.342 χ^2 /NDF: 24.7/29

In: 171.724+/-240.873 χ^2 /NDF:14.9/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 429.529+/-163.342 χ^2 /NDF: 24.7/29

asym_atr1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 560.670+/-0.170 χ^2/NDF : 1031697.8/13

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

Right Out: 528.764+/-0.157 χ^2/NDF : 588256.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

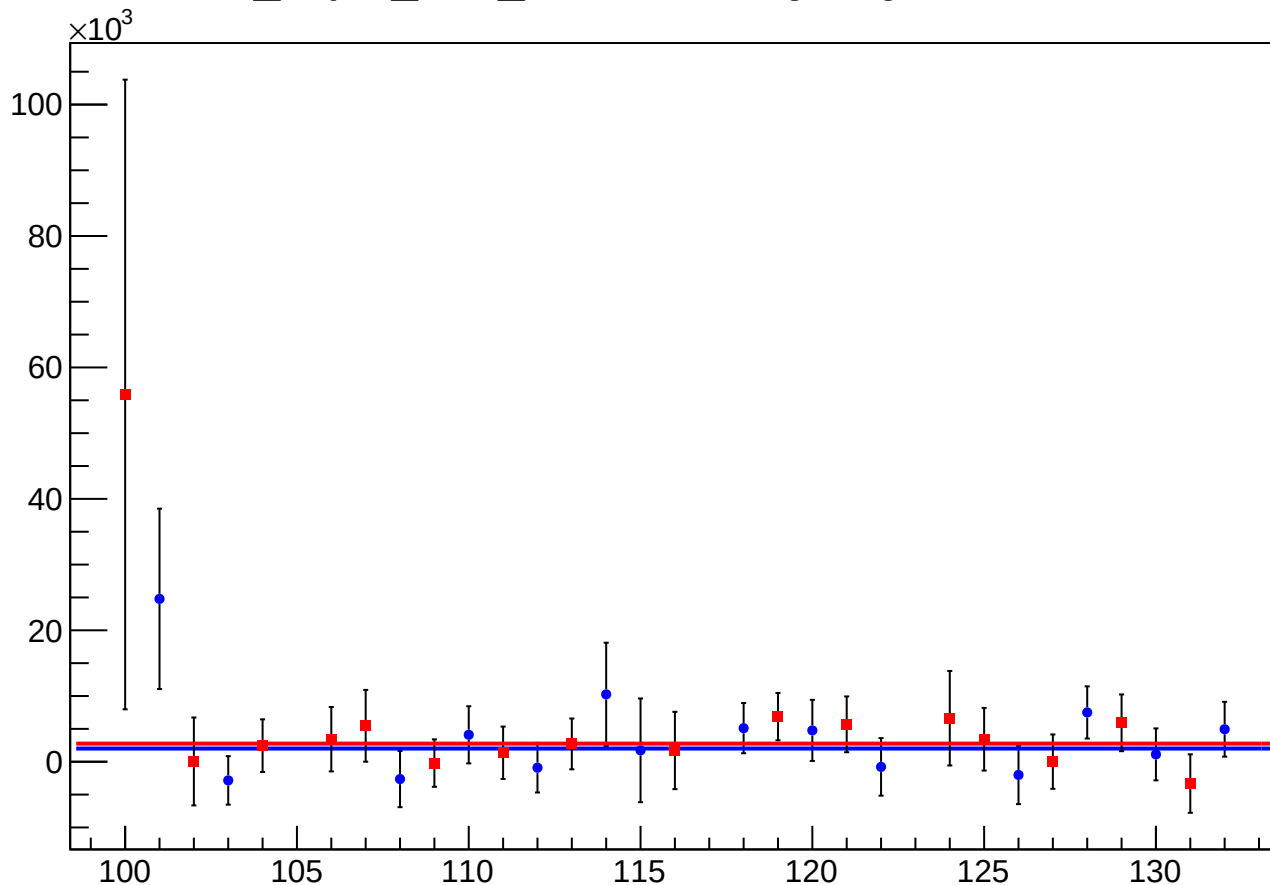
Right: 543.436+/-0.116 χ^2/NDF : 1638908.8/29

In: 560.670+/-0.170 χ^2/NDF : 1031697.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 543.436+/-0.116 χ^2/NDF : 1638908.8/29

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2005.164+/-1202.819 χ^2/NDF : 12.3/13

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

Right Out: 2756.273+/-1151.577 χ^2/NDF : 7.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

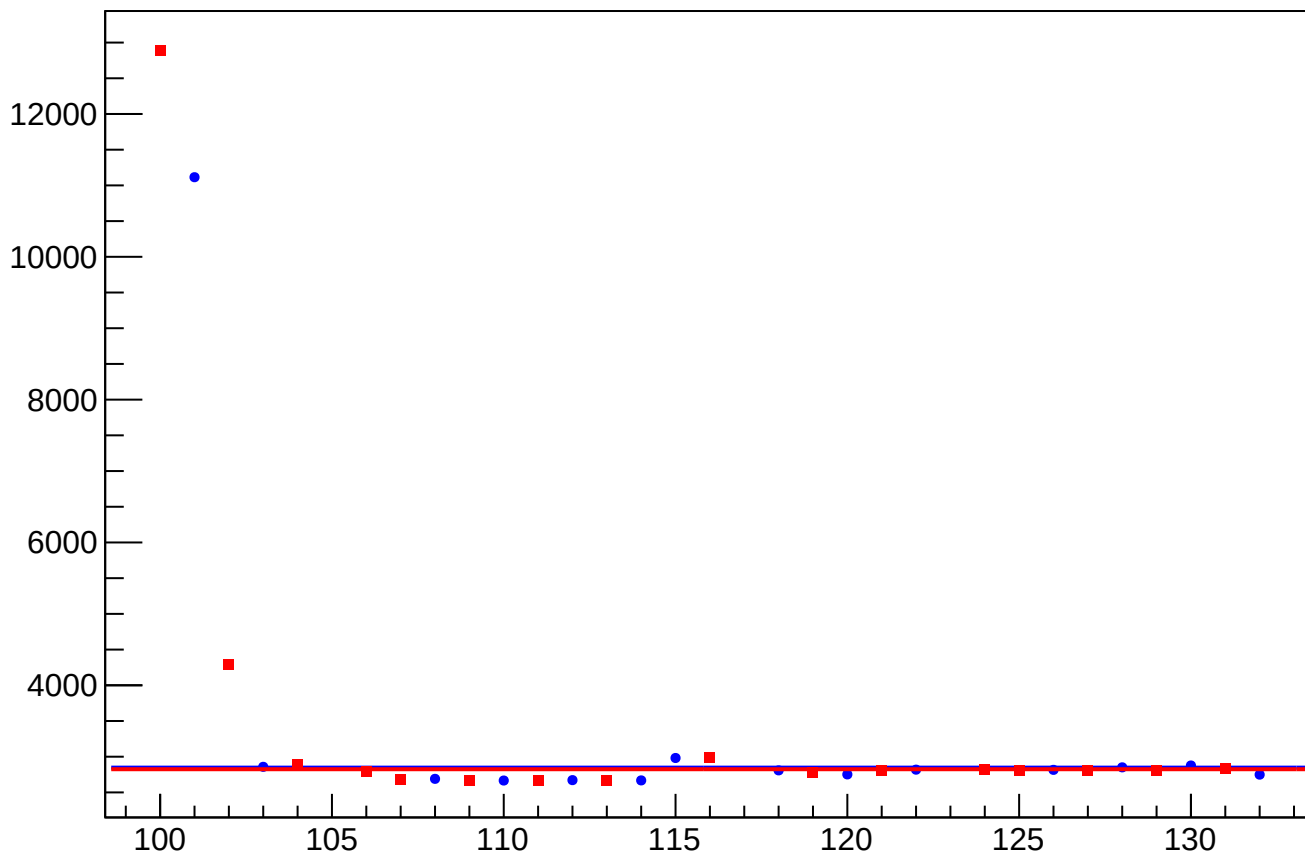
Right: 2397.058+/-831.814 χ^2/NDF : 19.9/29

In: 2005.164+/-1202.819 χ^2/NDF : 12.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2397.058+/-831.814 χ^2/NDF : 19.9/29

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2846.989+/-0.851 χ^2 /NDF: 740006.4/13

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

Right Out: 2824.693+/-0.814 χ^2 /NDF: 199327.6/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

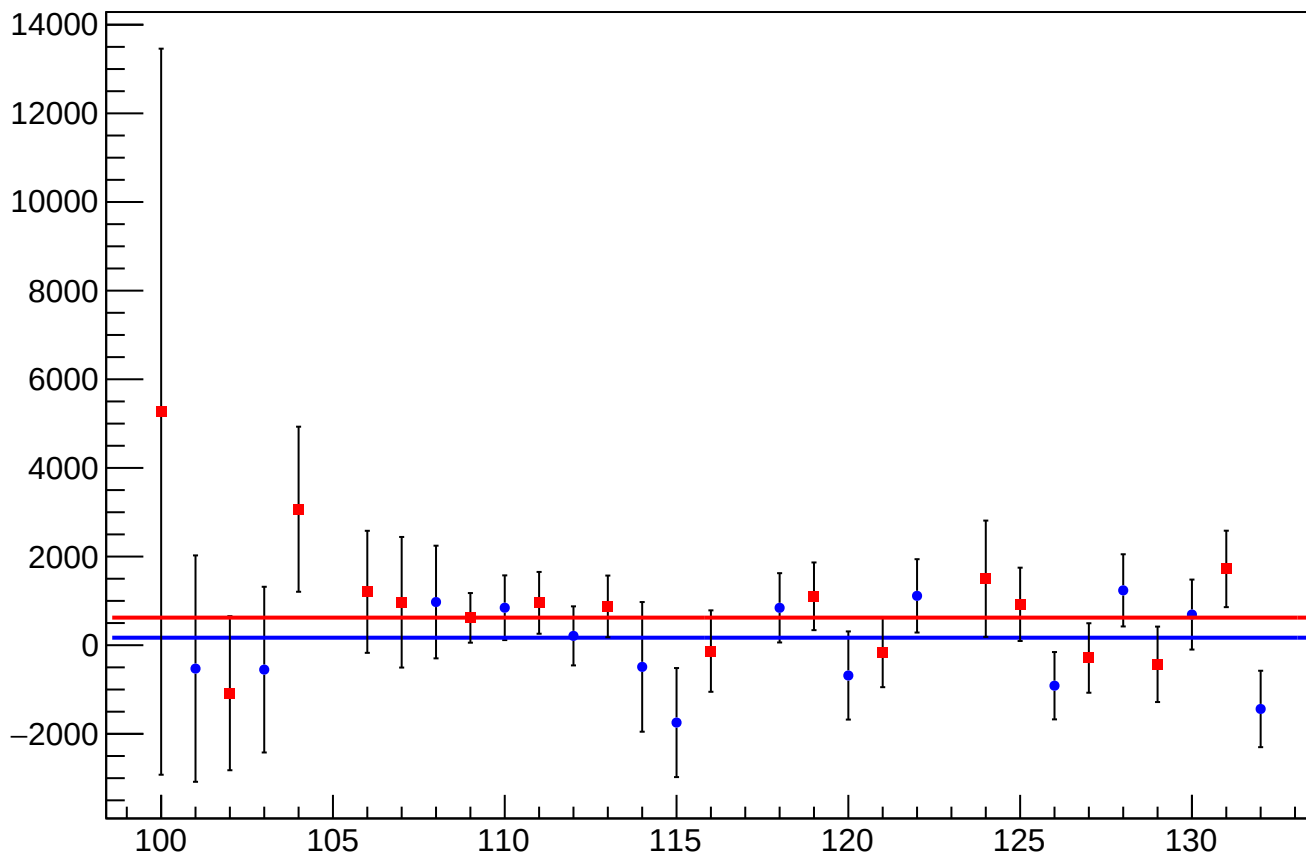
Right: 2835.356+/-0.588 χ^2 /NDF: 939692.5/29

In: 2846.989+/-0.851 χ^2 /NDF:740006.4/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2835.356+/-0.588 χ^2 /NDF: 939692.5/29

asym_atr1_dit_correction_mean vs Slug, Sign Corrected



Right In: 169.410+/-245.338 χ^2/NDF : 14.6/13

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

Right Out: 622.510+/-224.388 χ^2/NDF : 10.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

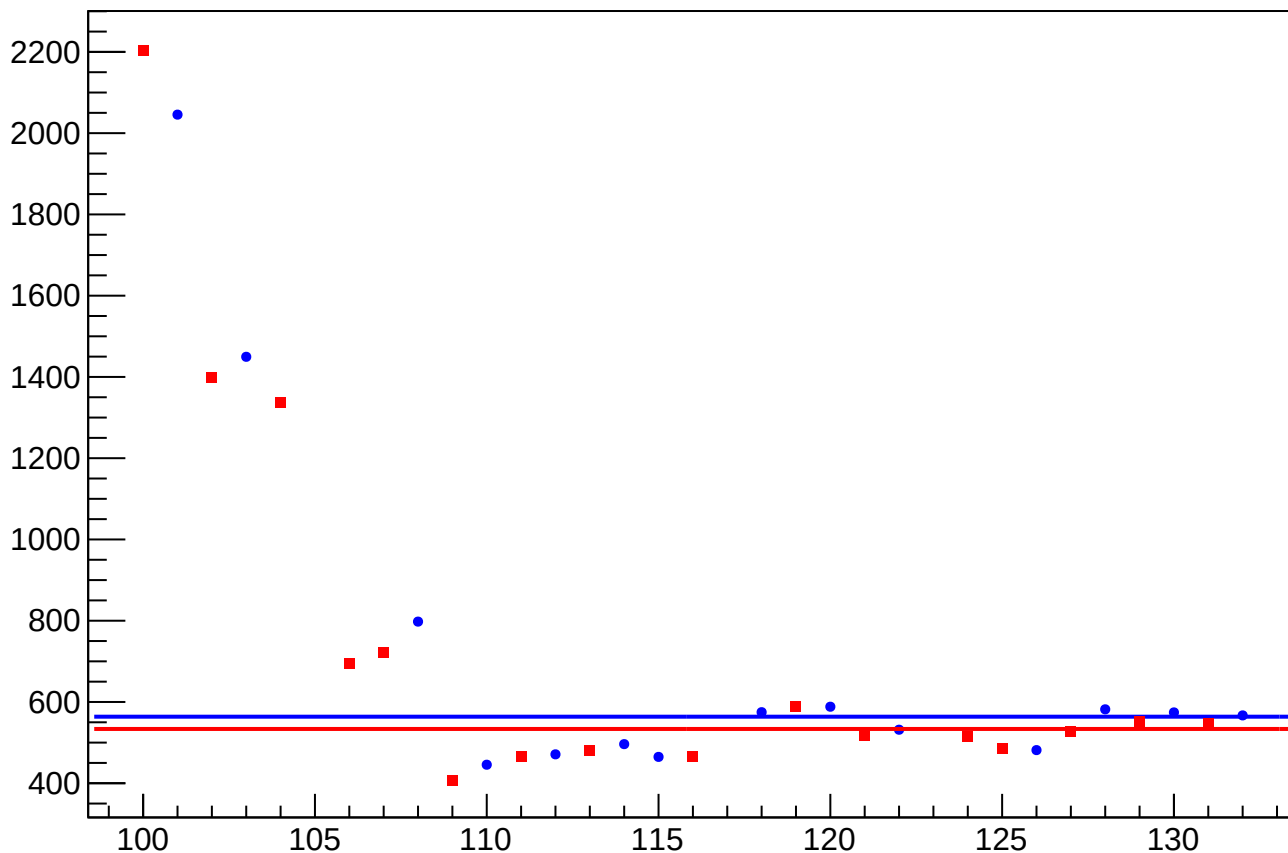
Right: 416.128+/-165.578 χ^2/NDF : 27.2/29

In: 169.410+/-245.338 χ^2/NDF : 14.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 416.128+/-165.578 χ^2/NDF : 27.2/29

asym_atr1_dit_correction_rms vs Slug, Sign Corrected



Right In: 563.794+/-0.173 χ^2/NDF : 1327783.8/13

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

Right Out: 533.591+/-0.159 χ^2/NDF : 1175621.2/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

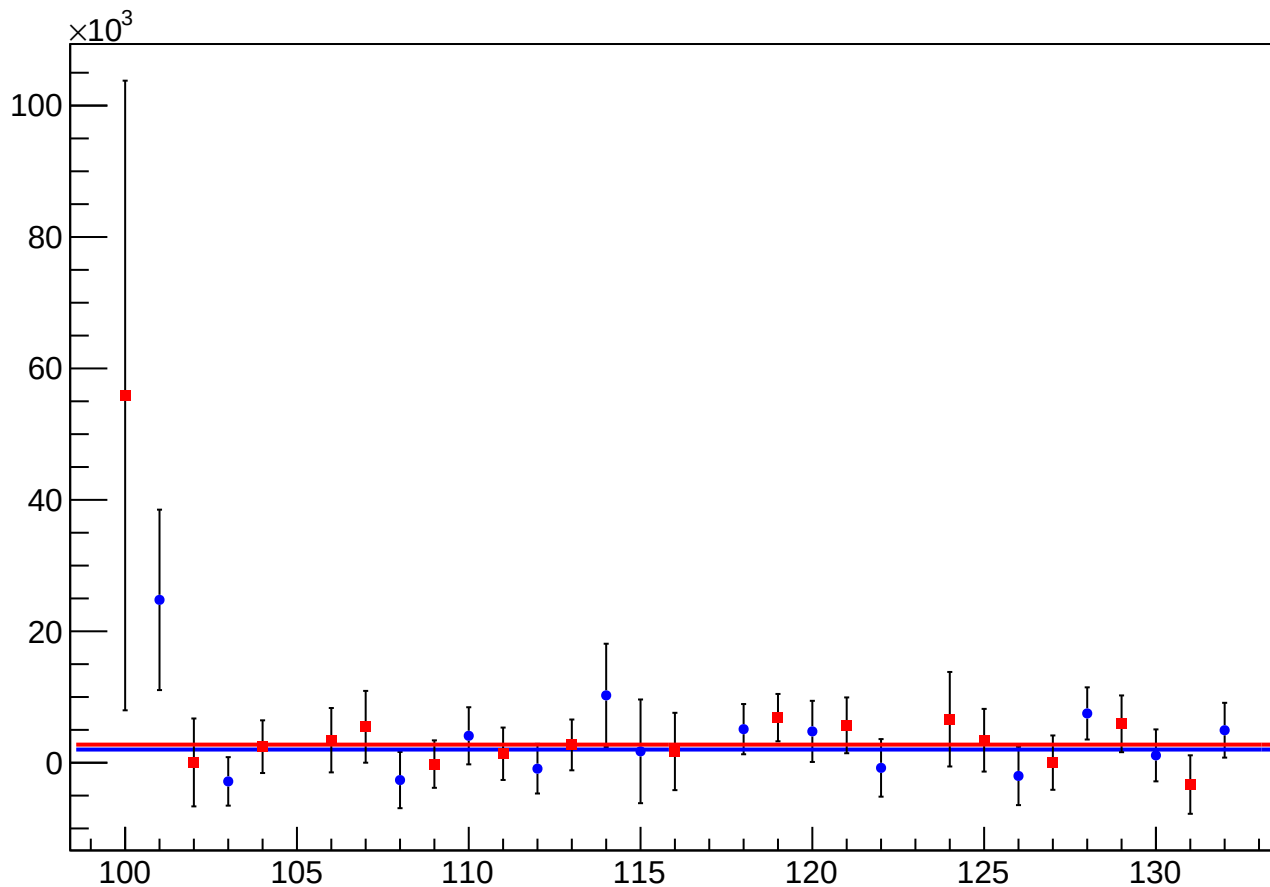
Right: 547.348+/-0.117 χ^2/NDF : 2519910.2/29

In: 563.794+/-0.173 χ^2/NDF : 1327783.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 547.348+/-0.117 χ^2/NDF : 2519910.2/29

eigen_dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2005.164+/-1202.819 χ^2/NDF : 12.3/13

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

Right Out: 2756.272+/-1151.577 χ^2/NDF : 7.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

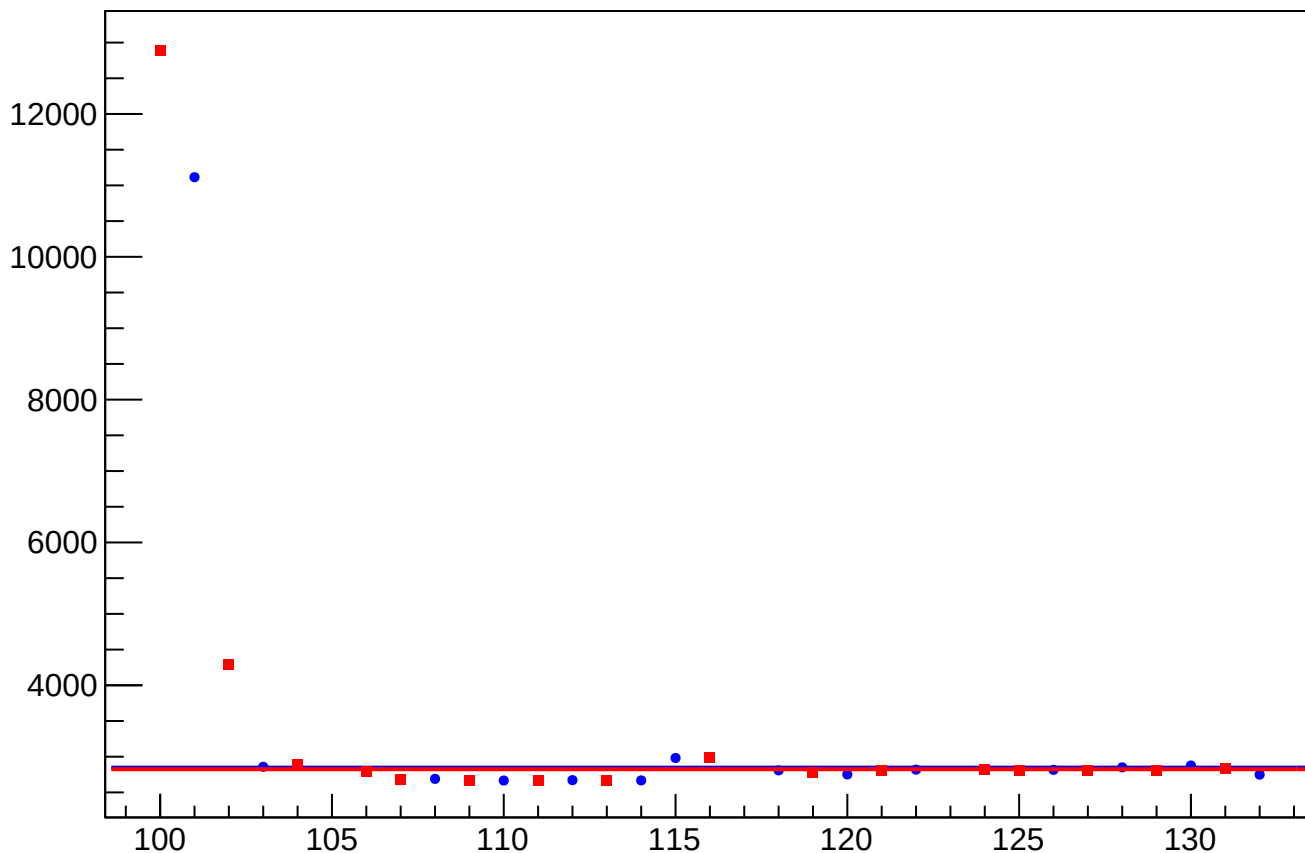
Right: 2397.057+/-831.814 χ^2/NDF : 19.9/29

In: 2005.164+/-1202.819 χ^2/NDF : 12.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2397.057+/-831.814 χ^2/NDF : 19.9/29

eigen_dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2846.989+/-0.851 χ^2/NDF : 740006.4/13

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

Right Out: 2824.693+/-0.814 χ^2/NDF : 199327.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

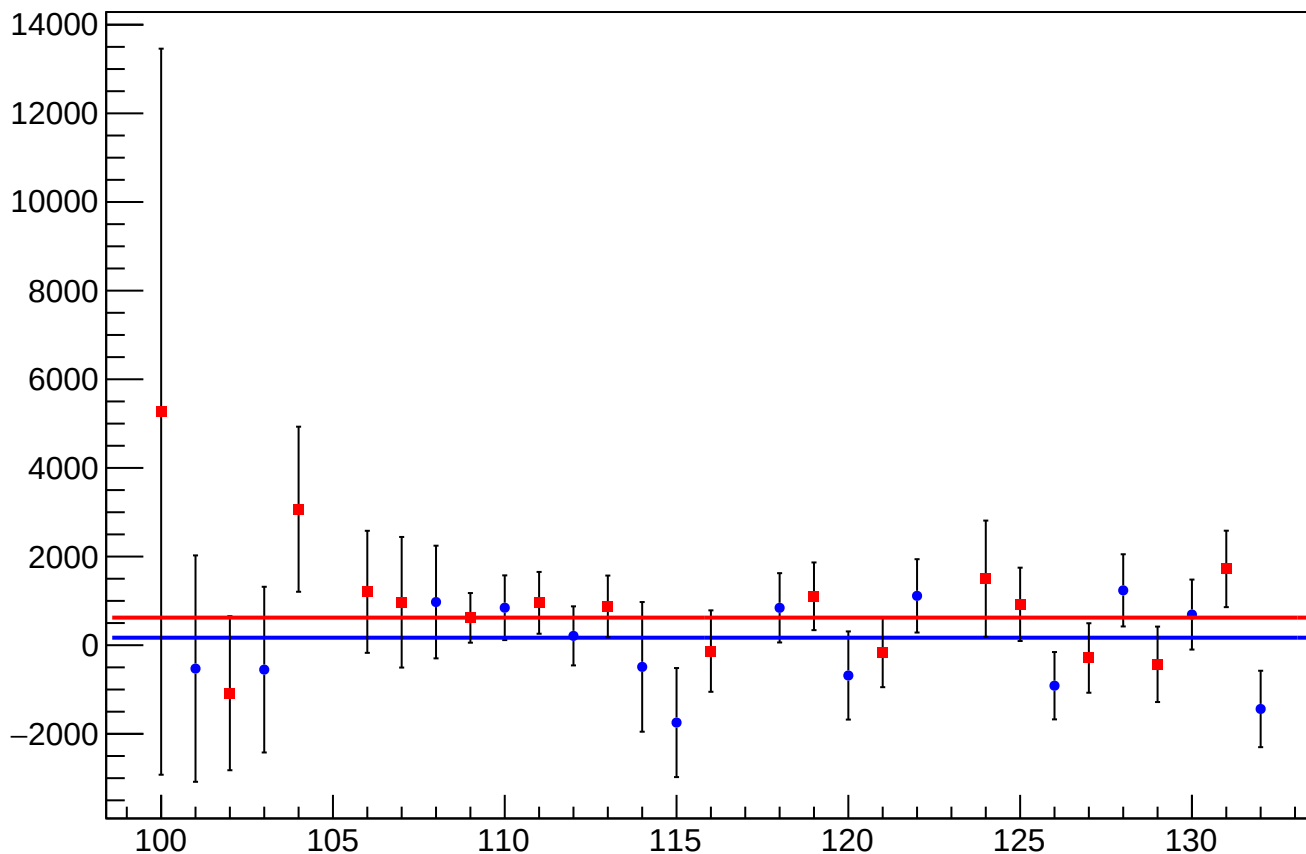
Right: 2835.356+/-0.588 χ^2/NDF : 939692.3/29

In: 2846.989+/-0.851 χ^2/NDF : 740006.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2835.356+/-0.588 χ^2/NDF : 939692.3/29

asym_atr1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 169.411+/-245.338 χ^2/NDF : 14.6/13

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

Right Out: 622.510+/-224.388 χ^2/NDF : 10.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

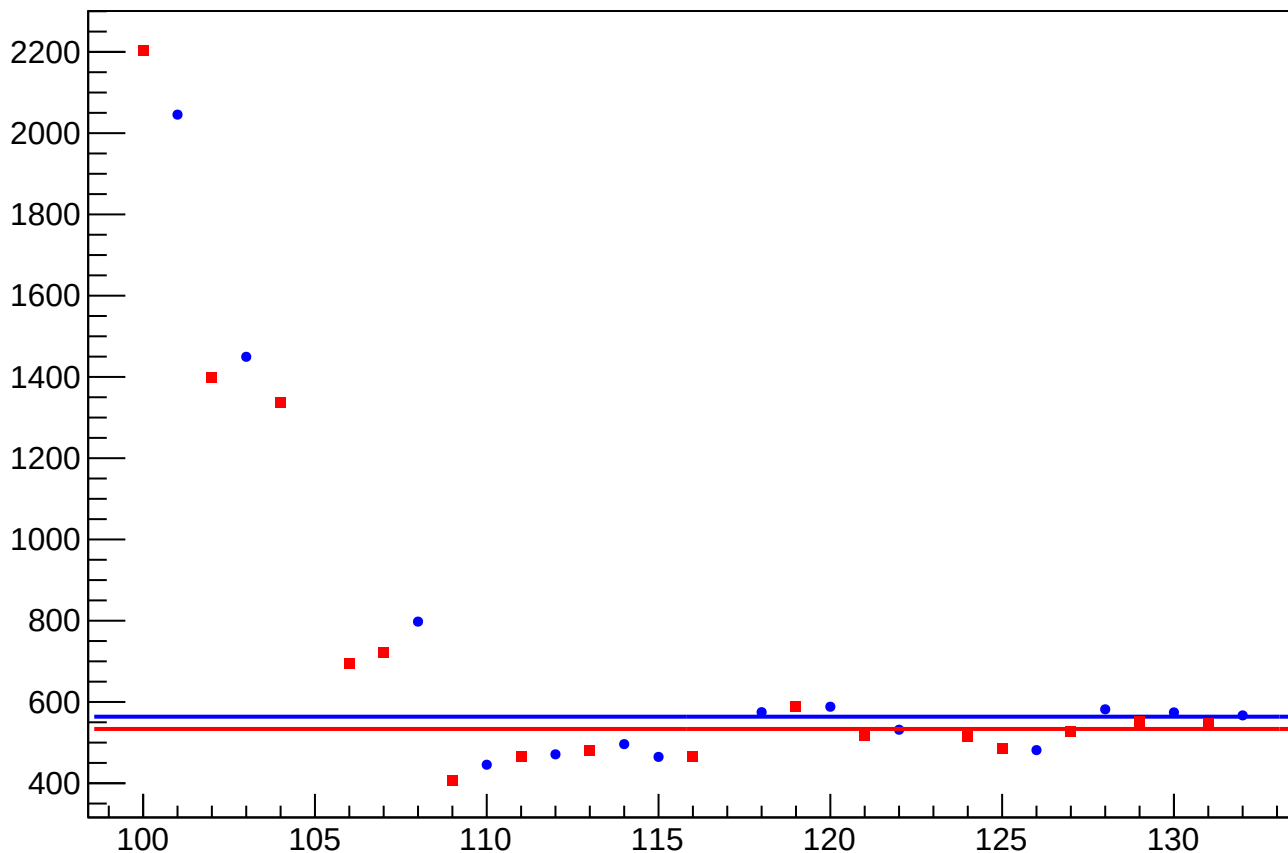
Right: 416.128+/-165.578 χ^2/NDF : 27.2/29

In: 169.411+/-245.338 χ^2/NDF : 14.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 416.128+/-165.578 χ^2/NDF : 27.2/29

asym_atr1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 563.794+/-0.173 χ^2/NDF : 1327777.5/13

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

Right Out: 533.591+/-0.159 χ^2/NDF : 1175617.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

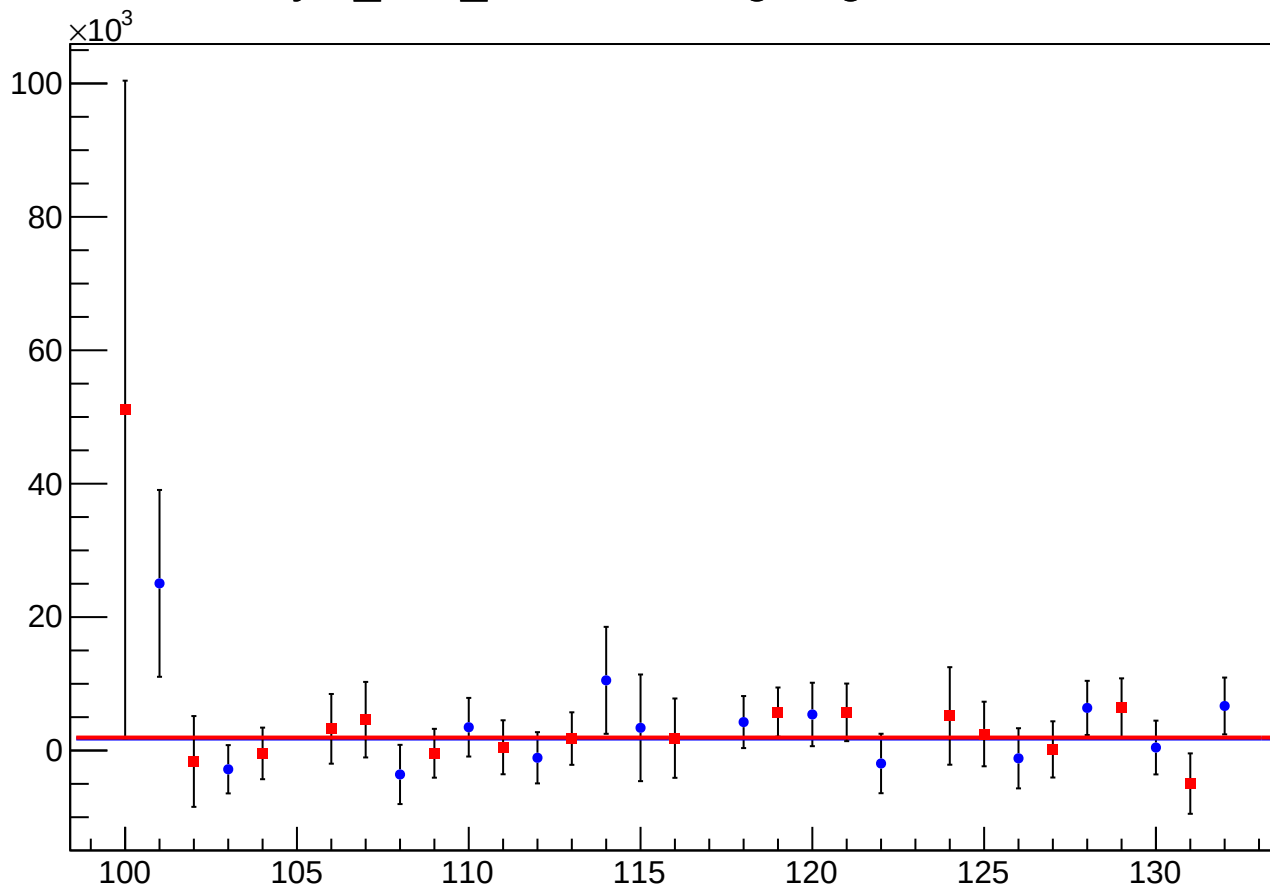
Right: 547.348+/-0.117 χ^2/NDF : 2519900.0/29

In: 563.794+/-0.173 χ^2/NDF : 1327777.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 547.348+/-0.117 χ^2/NDF : 2519900.0/29

asym_atr1_mean vs Slug, Sign Corrected



Right In: 1794.068 $\pm$ 1221.865 χ^2 /NDF: 12.6/13

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

Right Out: 1942.485 $\pm$ 1169.943 χ^2 /NDF: 8.1/15

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

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

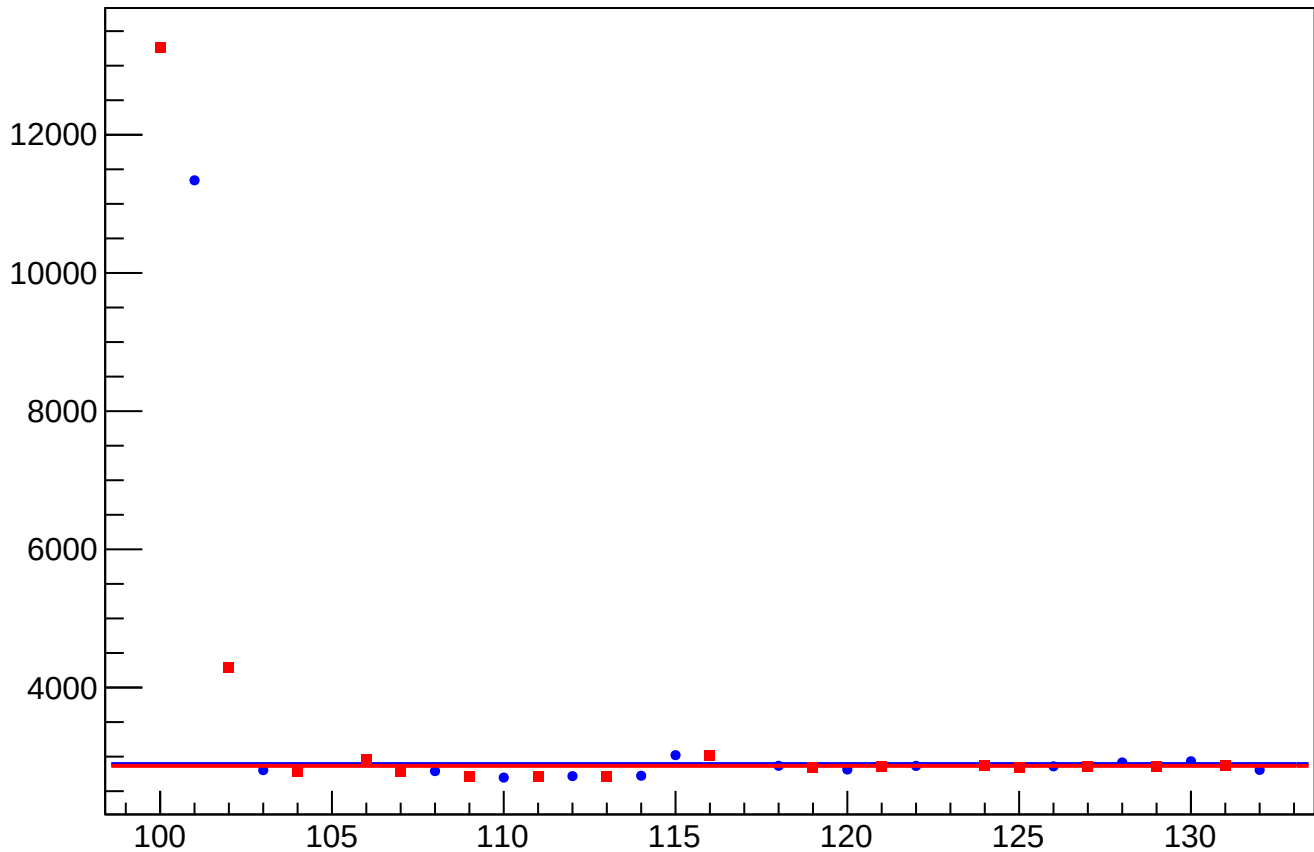
Right: 1871.497 $\pm$ 845.034 χ^2 /NDF: 20.7/29

In: 1794.068 $\pm$ 1221.865 χ^2 /NDF: 12.6/13

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

All: 1871.497 $\pm$ 845.034 χ^2 /NDF: 20.7/29

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2892.048 $\pm$ 0.864 χ^2 /NDF: 741357.1/13

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

Right Out: 2866.367 $\pm$ 0.827 χ^2 /NDF: 190249.3/15

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

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

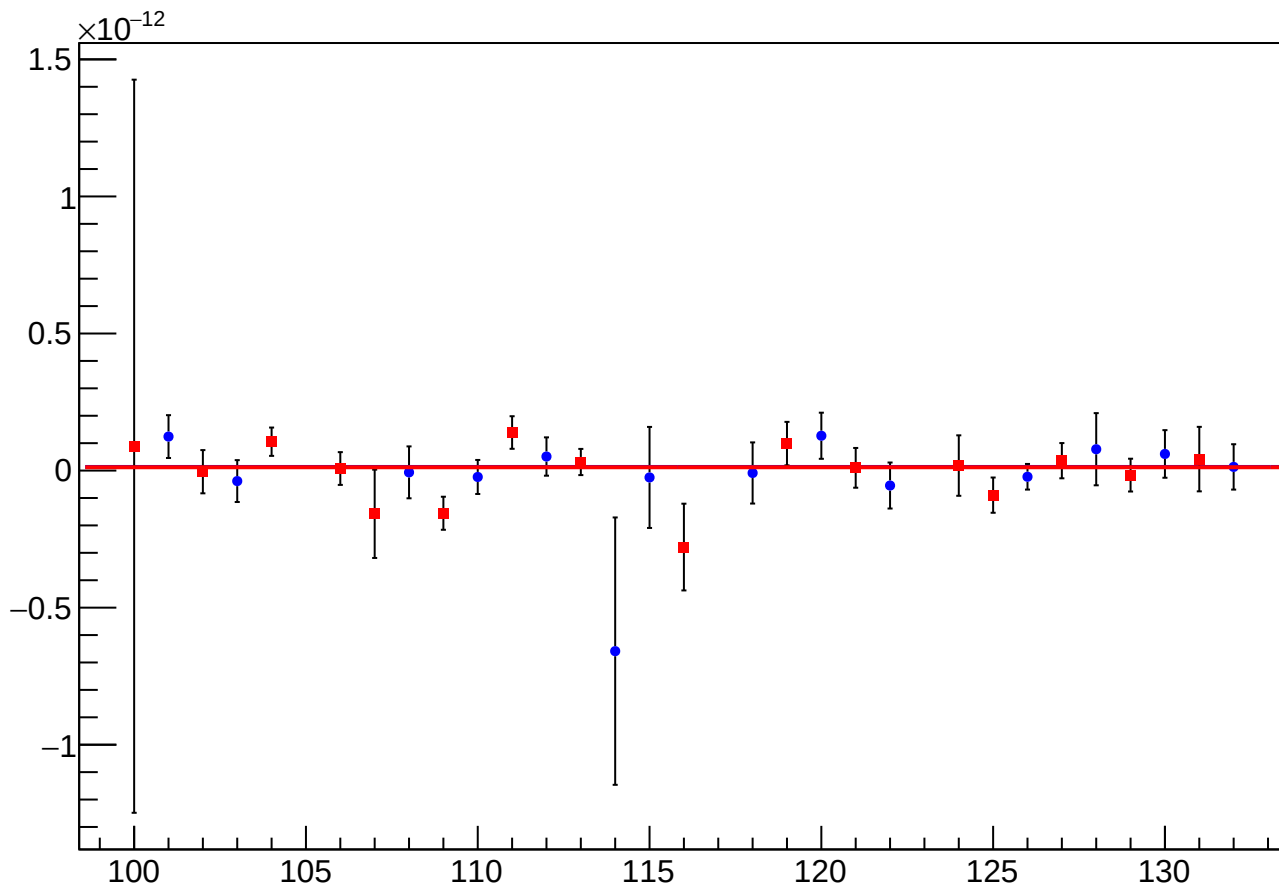
Right: 2878.650 $\pm$ 0.598 χ^2 /NDF: 932067.3/29

In: 2892.048 $\pm$ 0.864 χ^2 /NDF:741357.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2878.650 $\pm$ 0.598 χ^2 /NDF: 932067.3/29

asym_atr1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.7/13

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

Right Out: 0.000+/-0.000 χ^2/NDF : 24.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

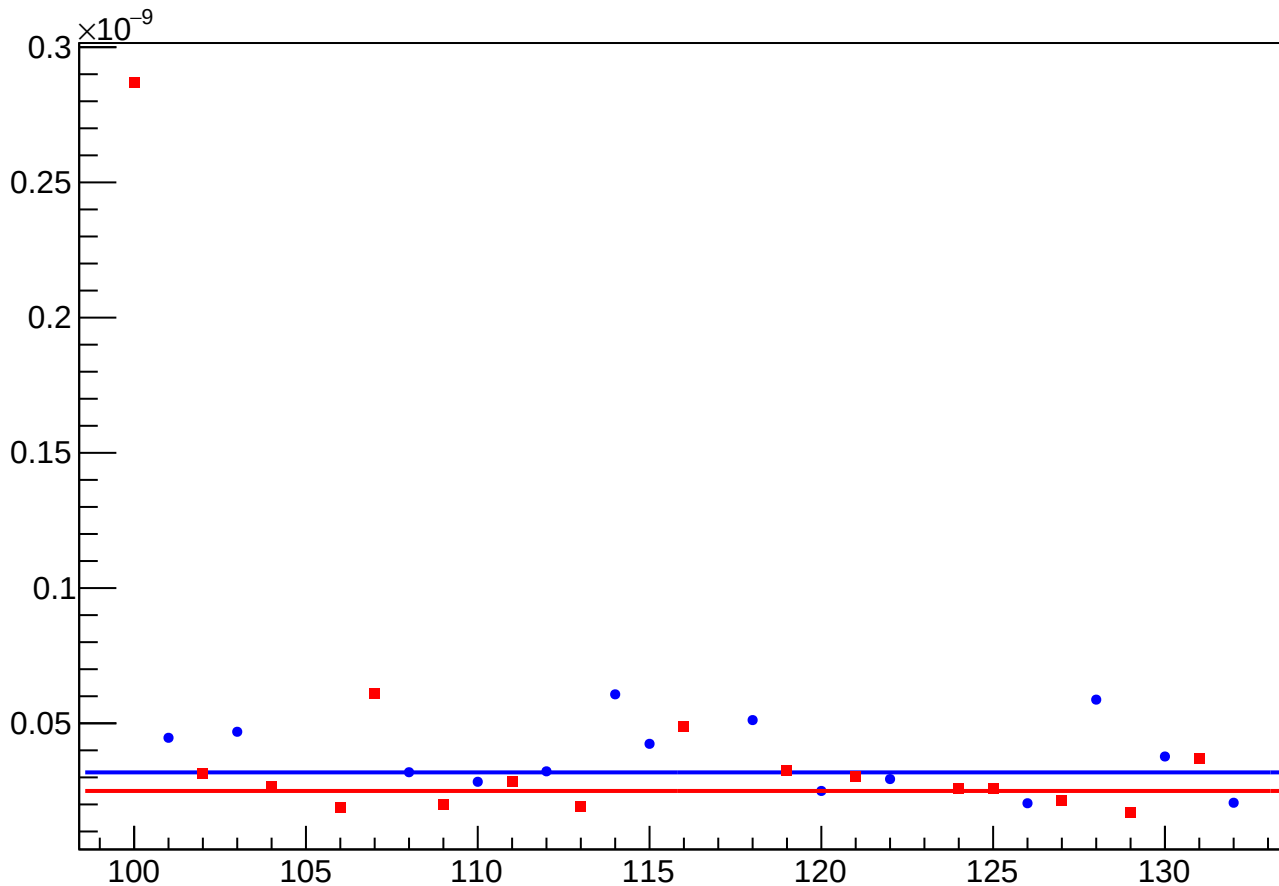
Right: 0.000+/-0.000 χ^2/NDF : 33.1/29

In: 0.000+/-0.000 χ^2/NDF : 8.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.1/29

asym_atr1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 474526.0/13

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

Right Out: 0.000+/-0.000 χ^2/NDF : 401722.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

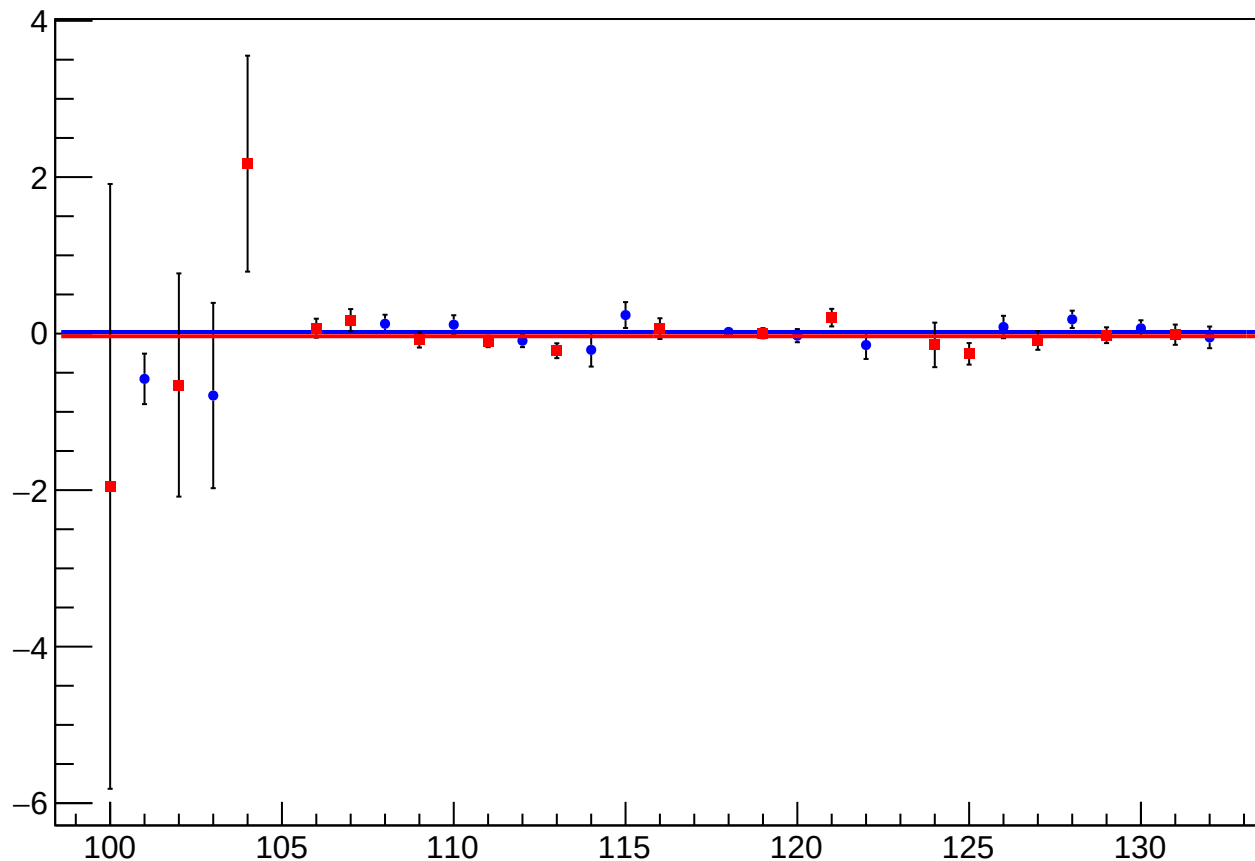
Right: 0.000+/-0.000 χ^2/NDF : 995342.4/29

In: 0.000+/-0.000 χ^2/NDF : 474526.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 995342.4/29

asym_atr1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.029 χ^2/NDF : 14.0/13

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

Right Out: -0.034+/-0.029 χ^2/NDF : 19.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

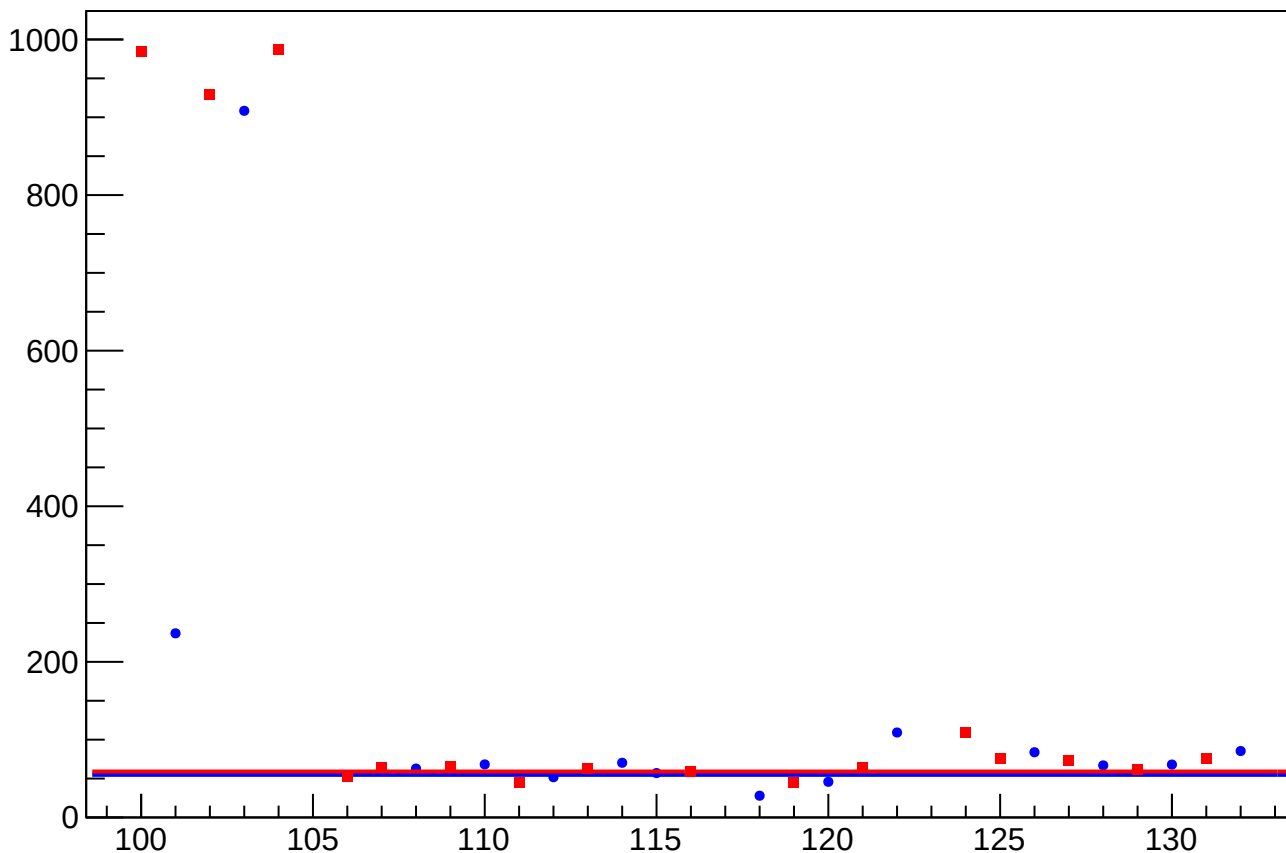
Right: -0.007+/-0.021 χ^2/NDF : 34.8/29

In: 0.021+/-0.029 χ^2/NDF : 14.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.021 χ^2/NDF : 34.8/29

asym_atr1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.766+/-0.021 χ^2/NDF : 2683795.8/13

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

Right Out: 59.042+/-0.021 χ^2/NDF : 2123926.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

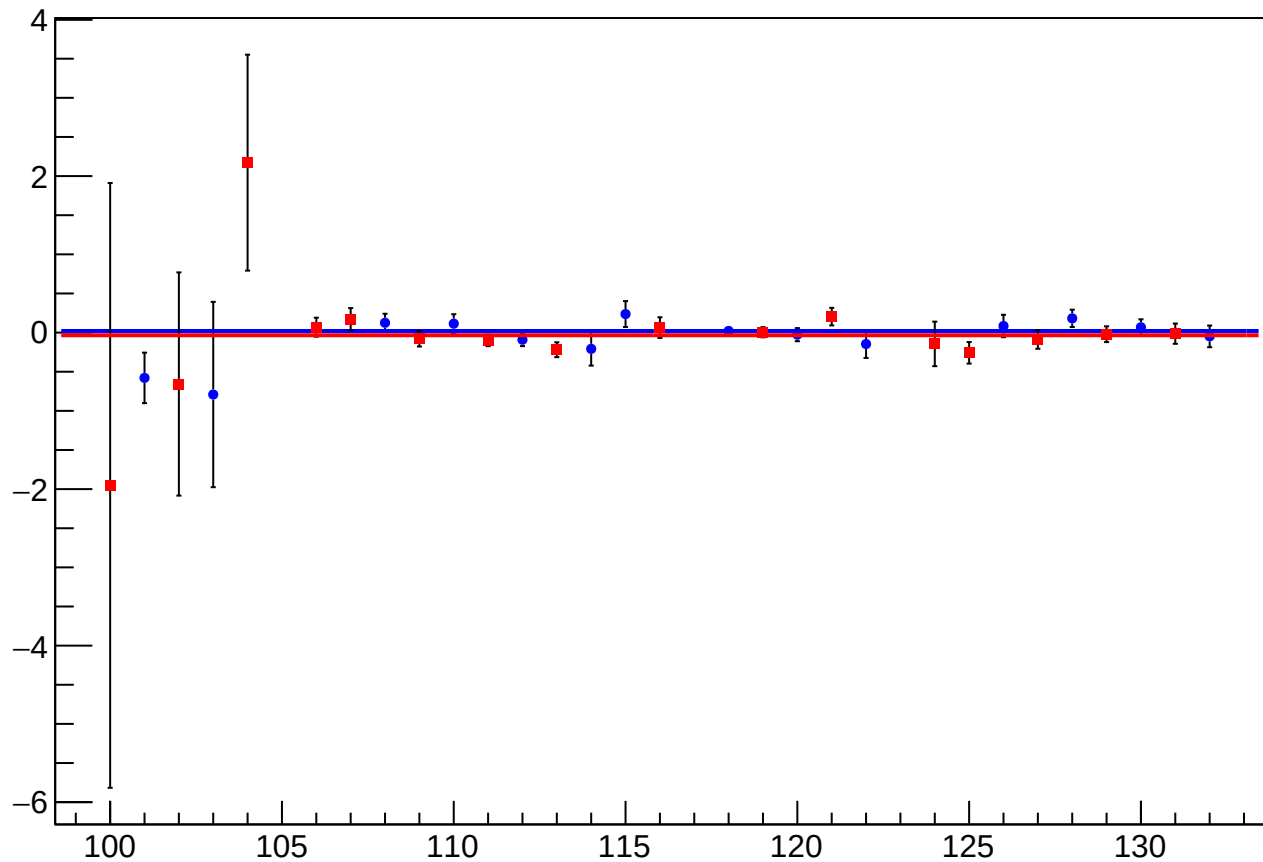
Right: 56.918+/-0.015 χ^2/NDF : 4829241.1/29

In: 54.766+/-0.021 χ^2/NDF : 2683795.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.918+/-0.015 χ^2/NDF : 4829241.1/29

asym_atr1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.029 χ^2/NDF : 14.0/13

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

Right Out: -0.034+/-0.029 χ^2/NDF : 19.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

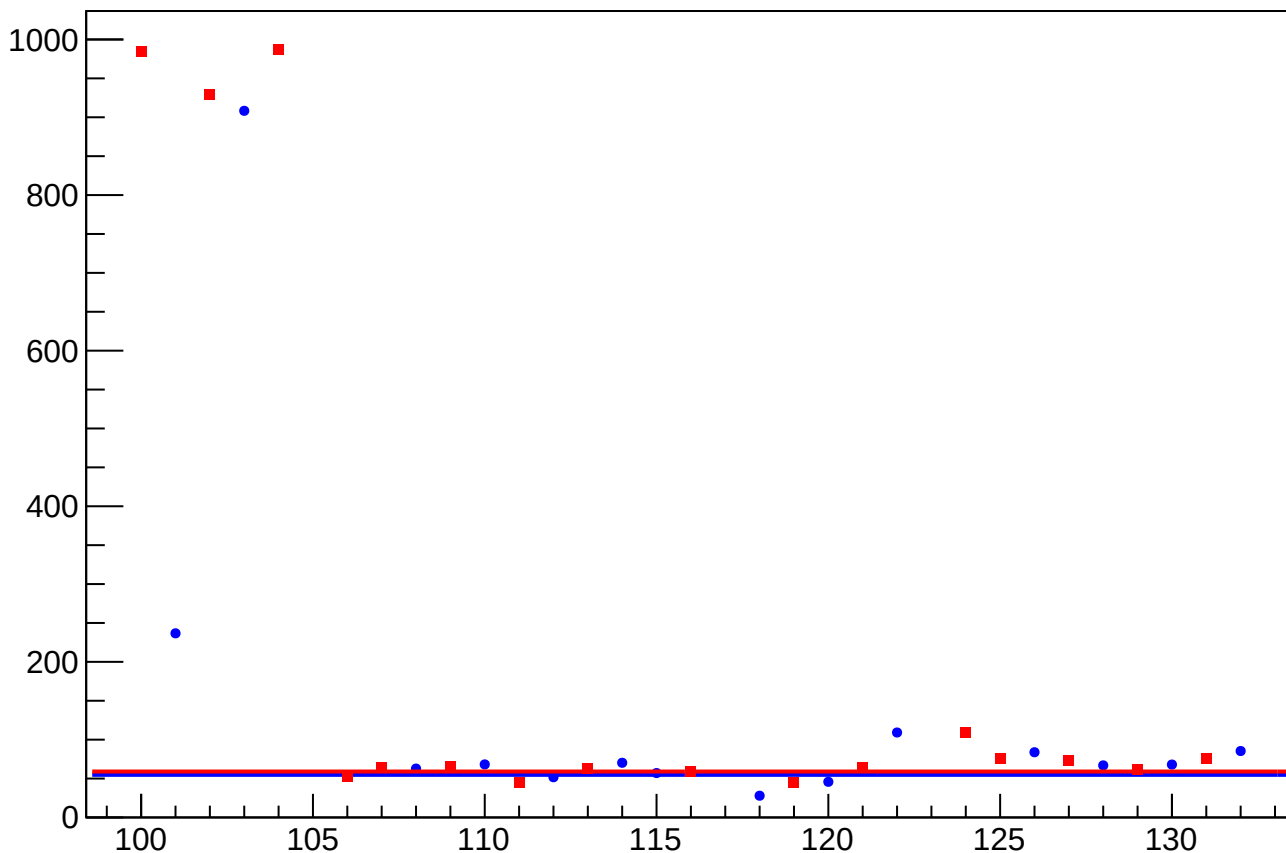
Right: -0.007+/-0.021 χ^2/NDF : 34.8/29

In: 0.021+/-0.029 χ^2/NDF : 14.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.021 χ^2/NDF : 34.8/29

asym_atr1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.766+/-0.021 χ^2/NDF : 2683795.8/13

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

Right Out: 59.042+/-0.021 χ^2/NDF : 2123926.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

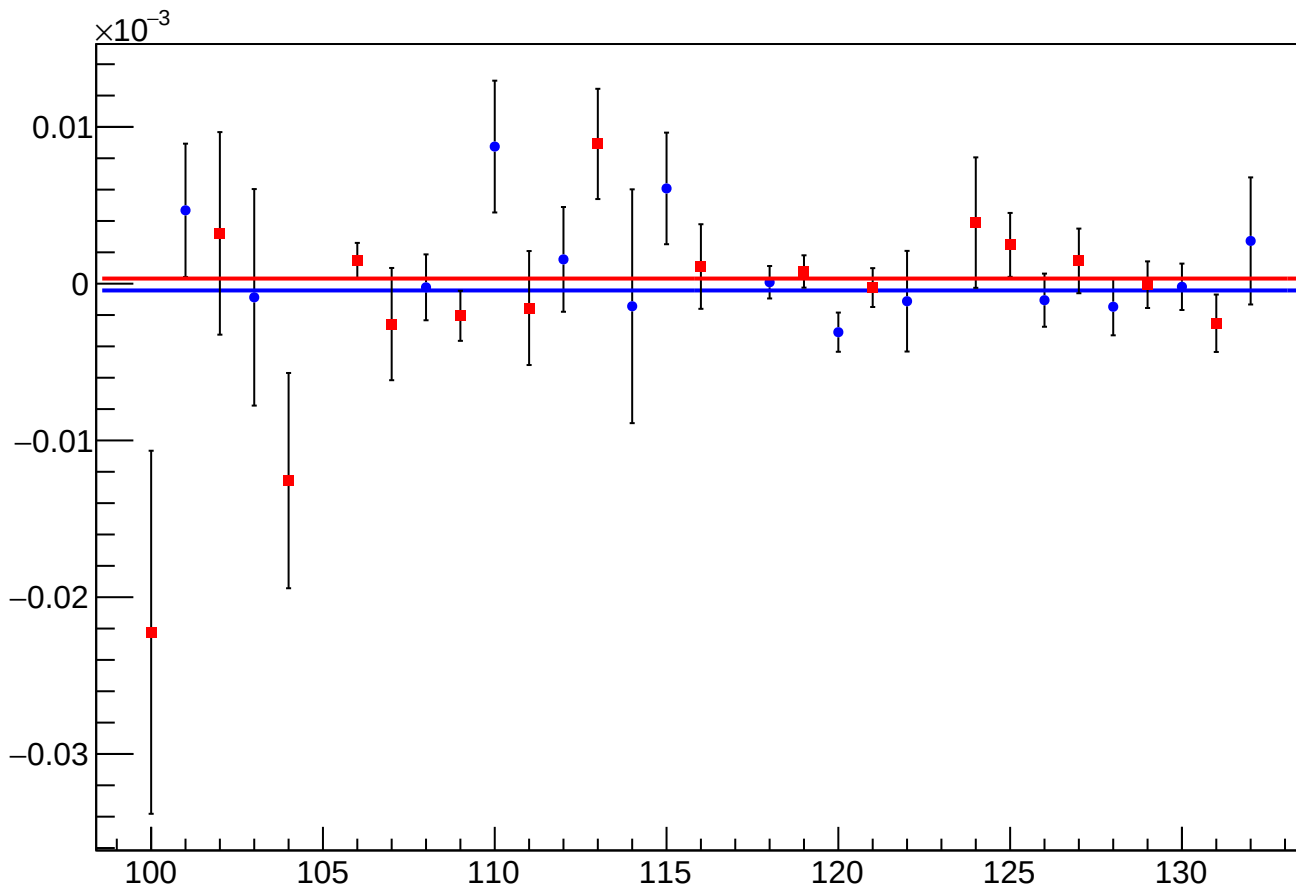
Right: 56.918+/-0.015 χ^2/NDF : 4829241.1/29

In: 54.766+/-0.021 χ^2/NDF :2683795.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 56.918+/-0.015 χ^2/NDF : 4829241.1/29

asym_atr1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 15.9/13

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

Right Out: 0.000+/-0.000 χ^2 /NDF: 22.7/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

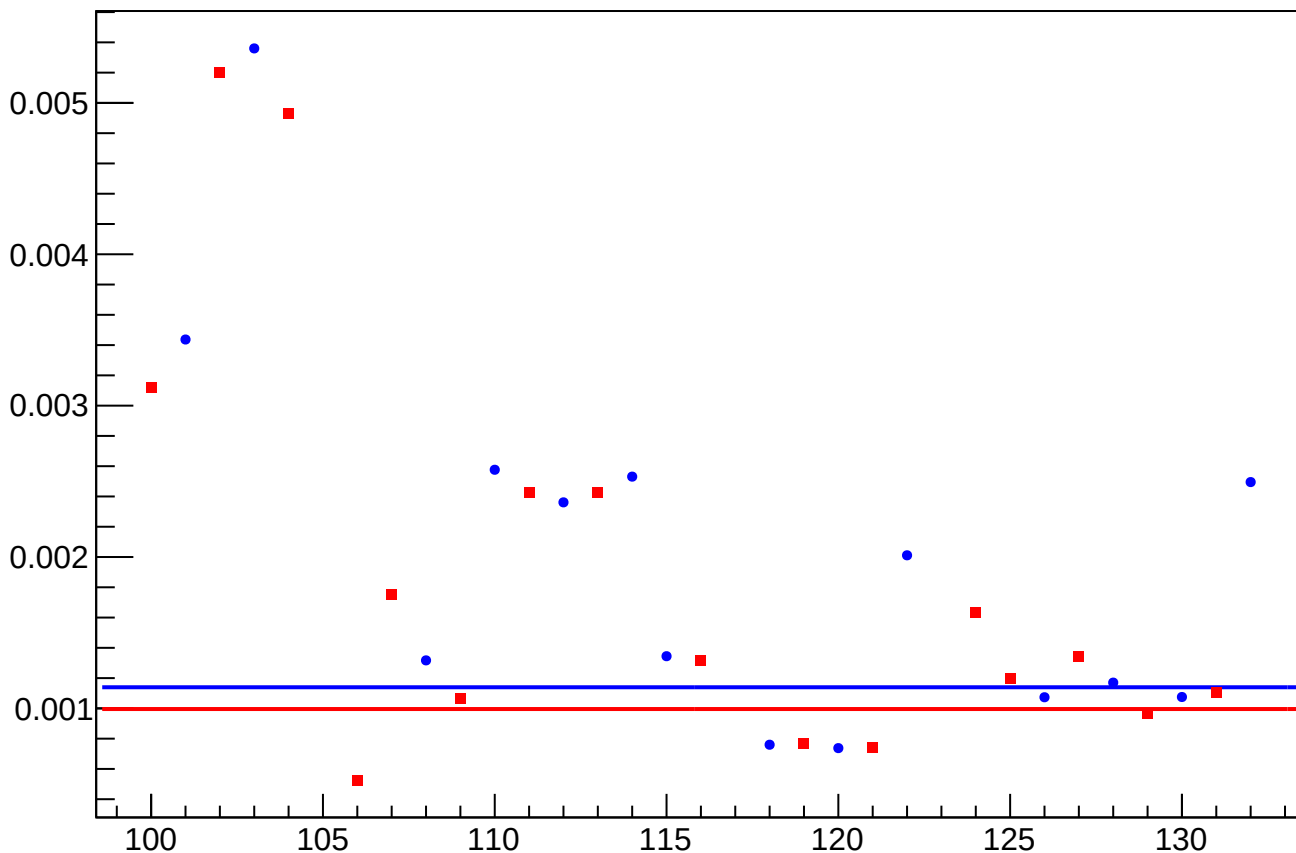
Right: -0.000+/-0.000 χ^2 /NDF: 39.7/29

In: -0.000+/-0.000 χ^2 /NDF:15.9/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 39.7/29

asym_atr1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2776851.1/13

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

Right Out: 0.001+/-0.000 χ^2/NDF : 2987543.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

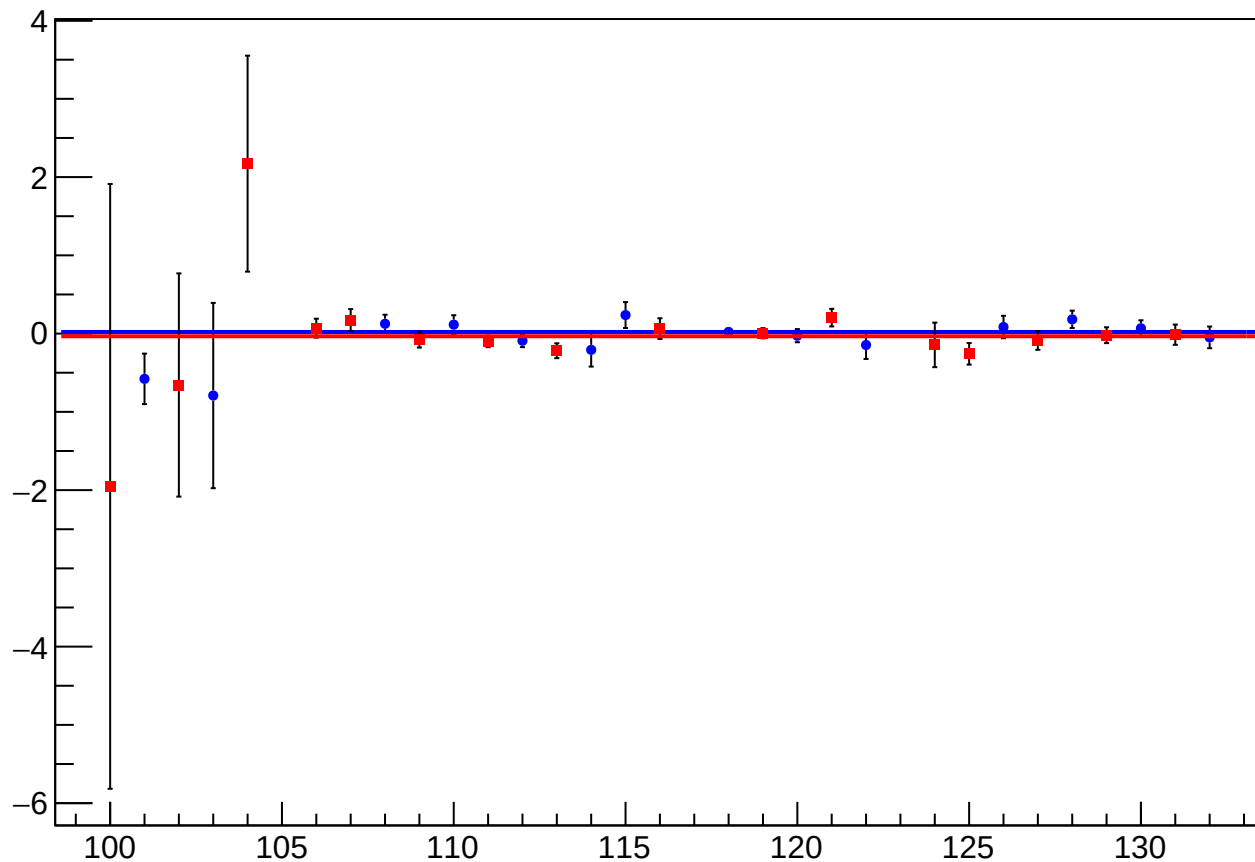
Right: 0.001+/-0.000 χ^2/NDF : 5843962.4/29

In: 0.001+/-0.000 χ^2/NDF :2776851.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5843962.4/29

asym_atr1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.029 χ^2/NDF : 14.0/13

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

Right Out: -0.034+/-0.029 χ^2/NDF : 19.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

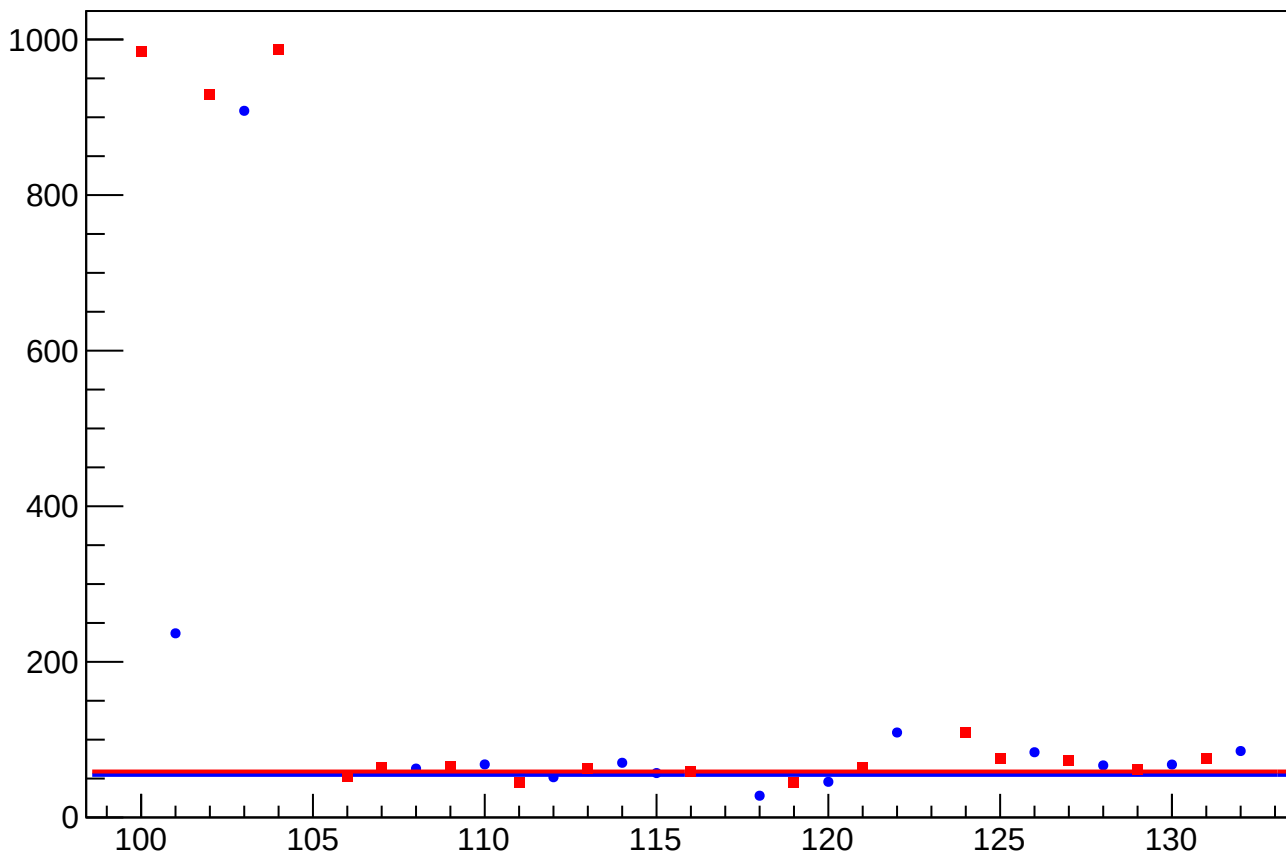
Right: -0.007+/-0.021 χ^2/NDF : 34.8/29

In: 0.021+/-0.029 χ^2/NDF :14.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.007+/-0.021 χ^2/NDF : 34.8/29

asym_atr1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.766+/-0.021 χ^2/NDF : 2683859.0/13

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

Right Out: 59.042+/-0.021 χ^2/NDF : 2123920.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

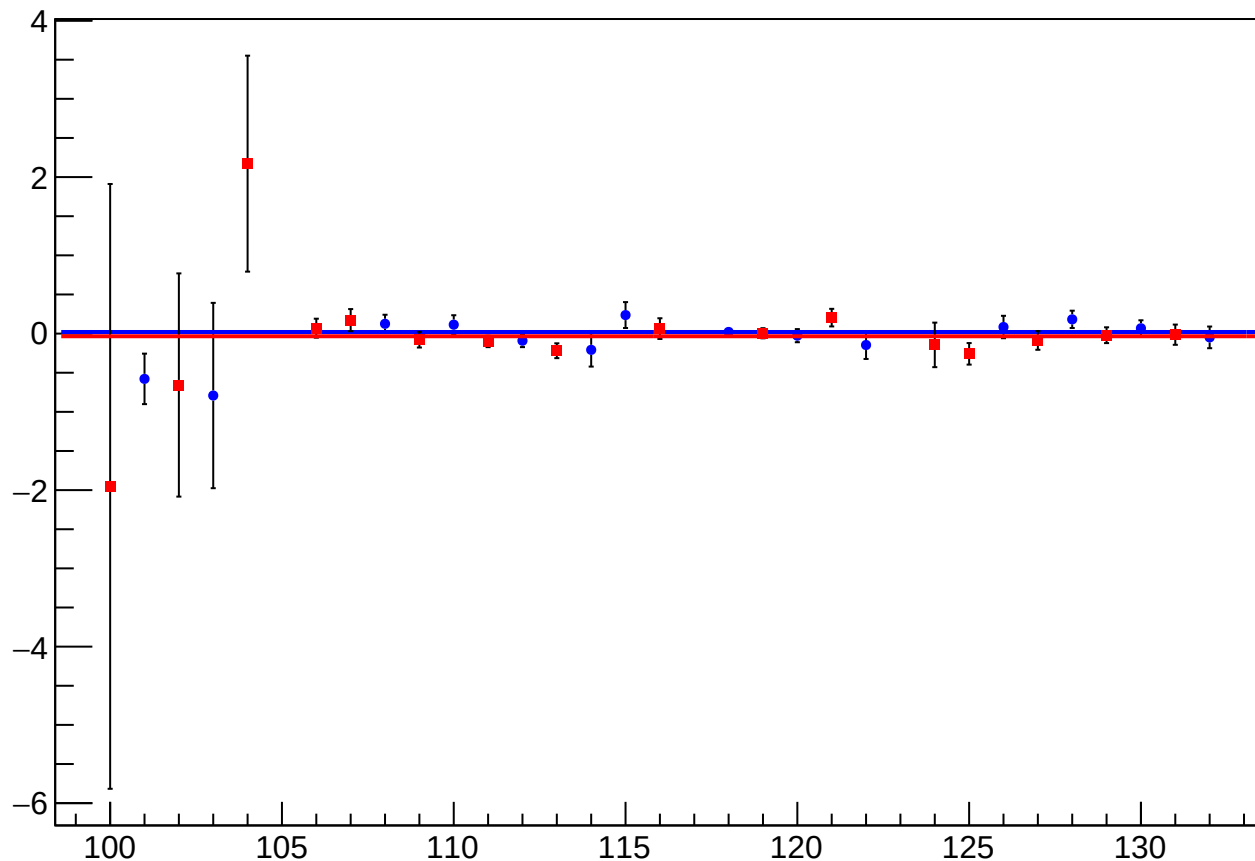
Right: 56.918+/-0.015 χ^2/NDF : 4829305.7/29

In: 54.766+/-0.021 χ^2/NDF : 2683859.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.918+/-0.015 χ^2/NDF : 4829305.7/29

asym_atr1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.029 χ^2/NDF : 14.0/13

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

Right Out: -0.034+/-0.029 χ^2/NDF : 19.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

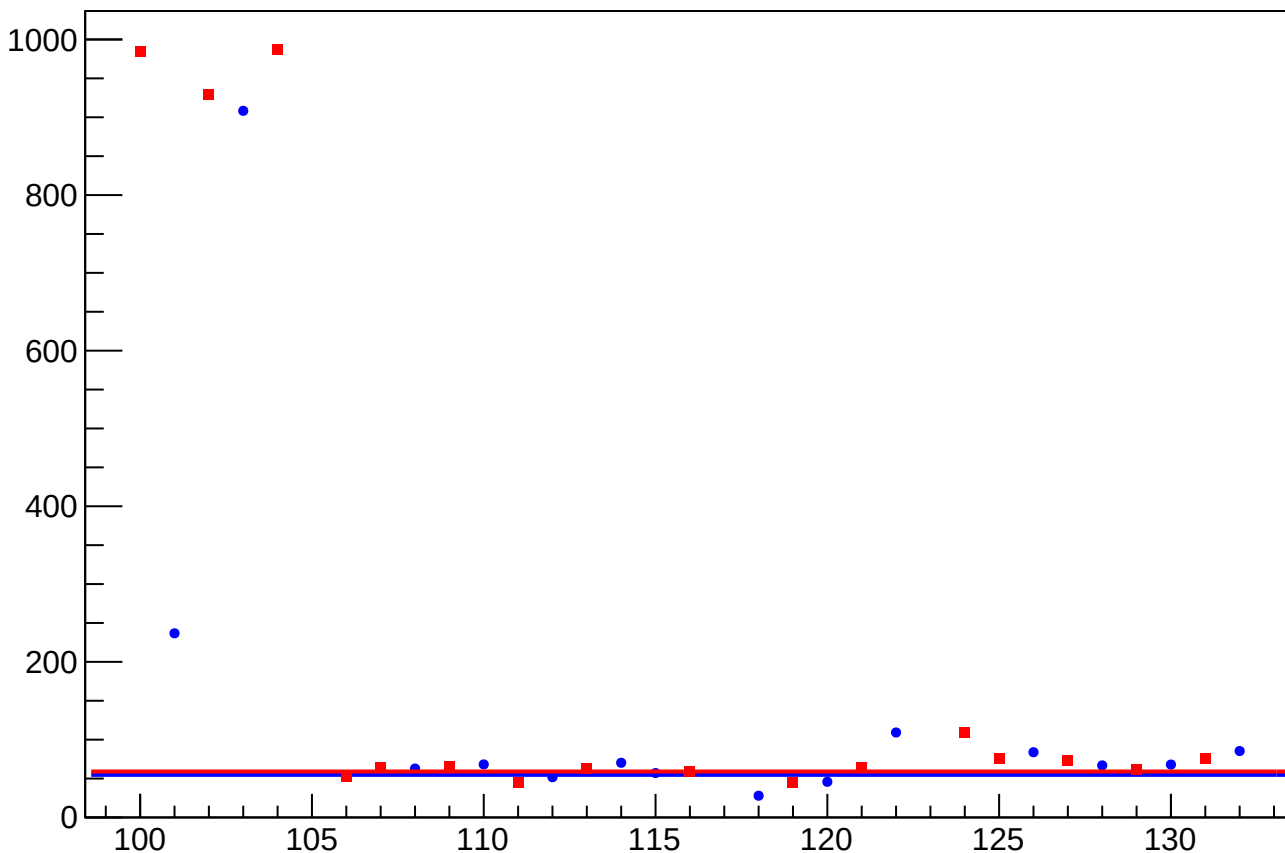
Right: -0.007+/-0.021 χ^2/NDF : 34.8/29

In: 0.021+/-0.029 χ^2/NDF : 14.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.021 χ^2/NDF : 34.8/29

asym_atr1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.766+/-0.021 χ^2/NDF : 2683859.0/13

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

Right Out: 59.042+/-0.021 χ^2/NDF : 2123920.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

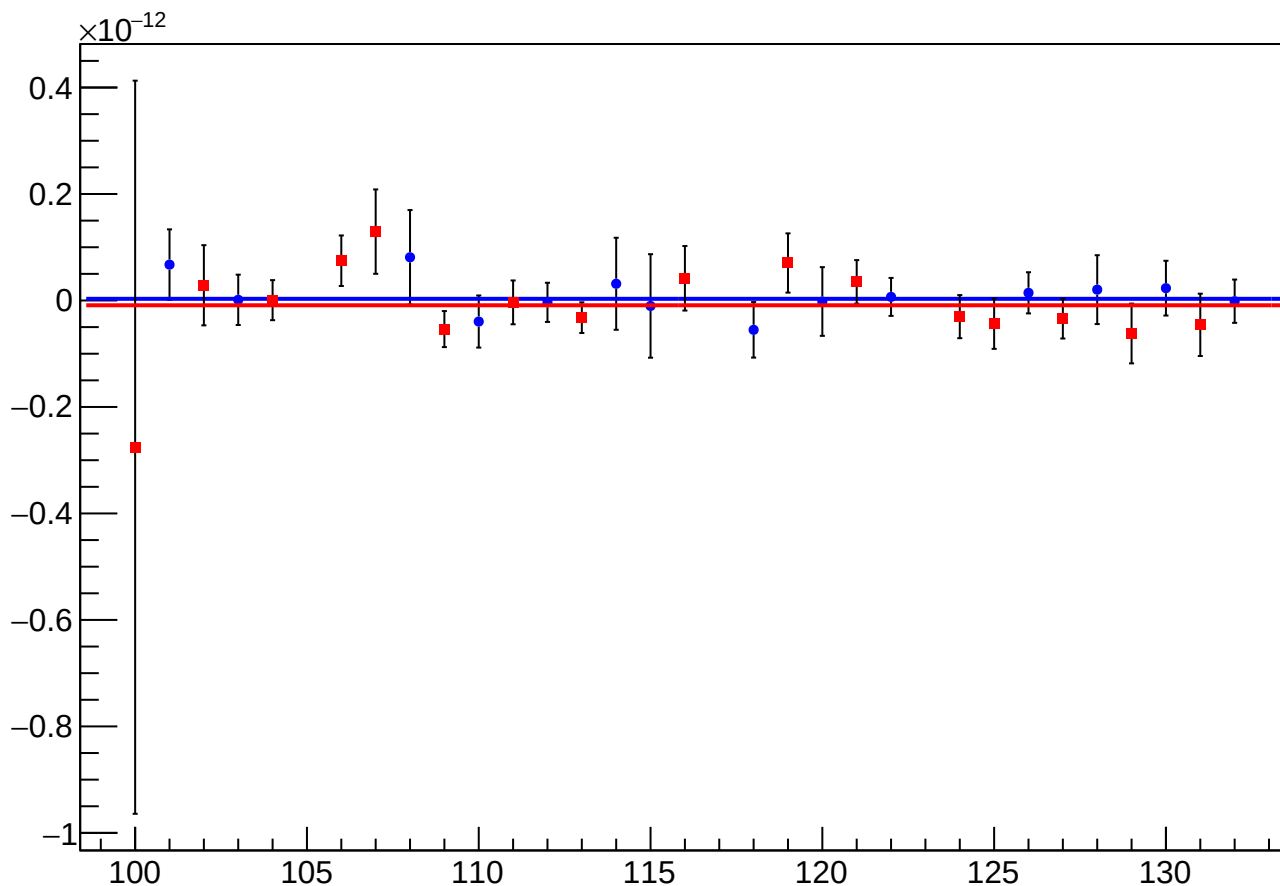
Right: 56.918+/-0.015 χ^2/NDF : 4829305.7/29

In: 54.766+/-0.021 χ^2/NDF :2683859.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 56.918+/-0.015 χ^2/NDF : 4829305.7/29

asym_atr1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 4.2/13

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

Right Out: -0.000 +/- 0.000 χ^2/NDF : 15.5/15

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

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

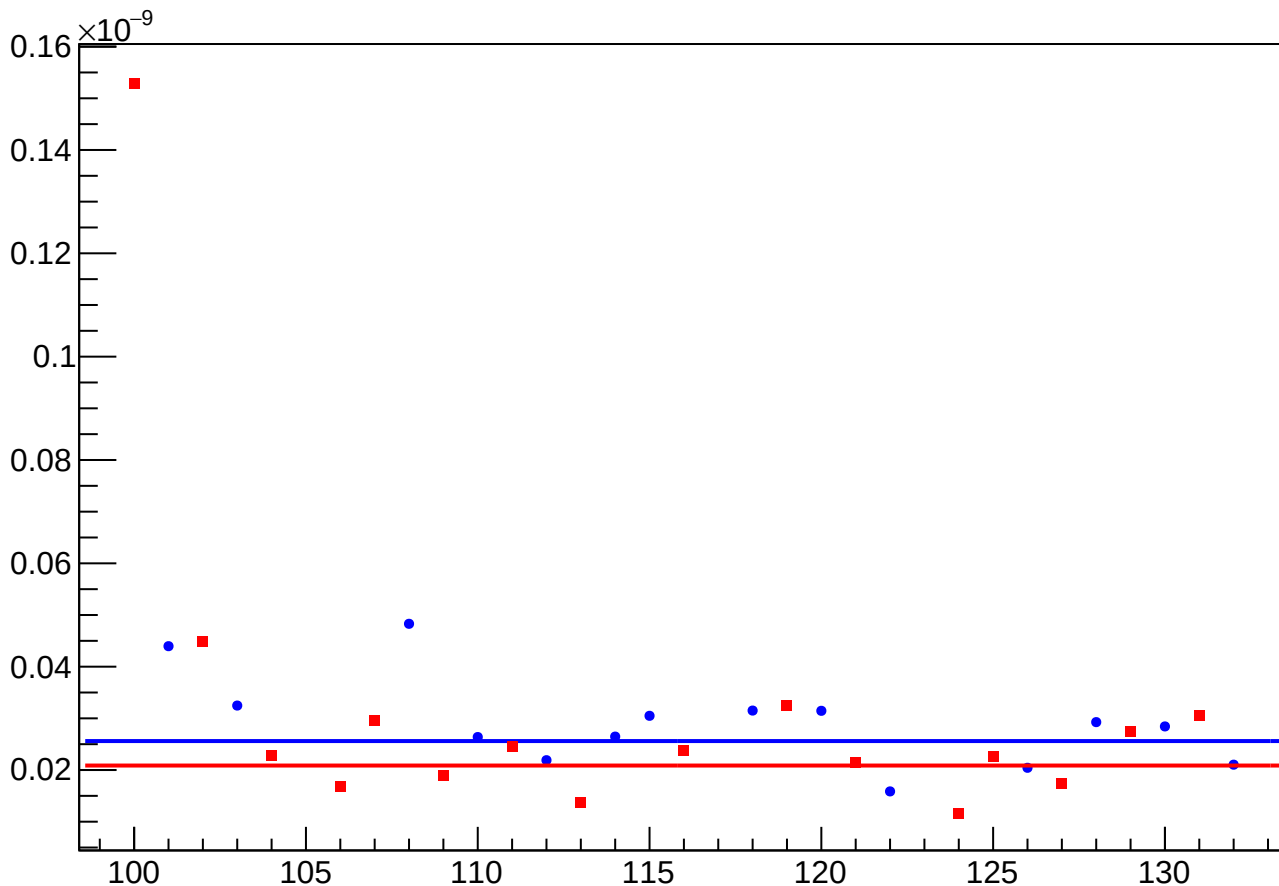
Right: -0.000 +/- 0.000 χ^2/NDF : 20.2/29

In: 0.000 +/- 0.000 χ^2/NDF : 4.2/13

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -0.000 +/- 0.000 χ^2/NDF : 20.2/29

asym_atr1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 617720.6/13

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

Right Out: 0.000+/-0.000 χ^2/NDF : 765427.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

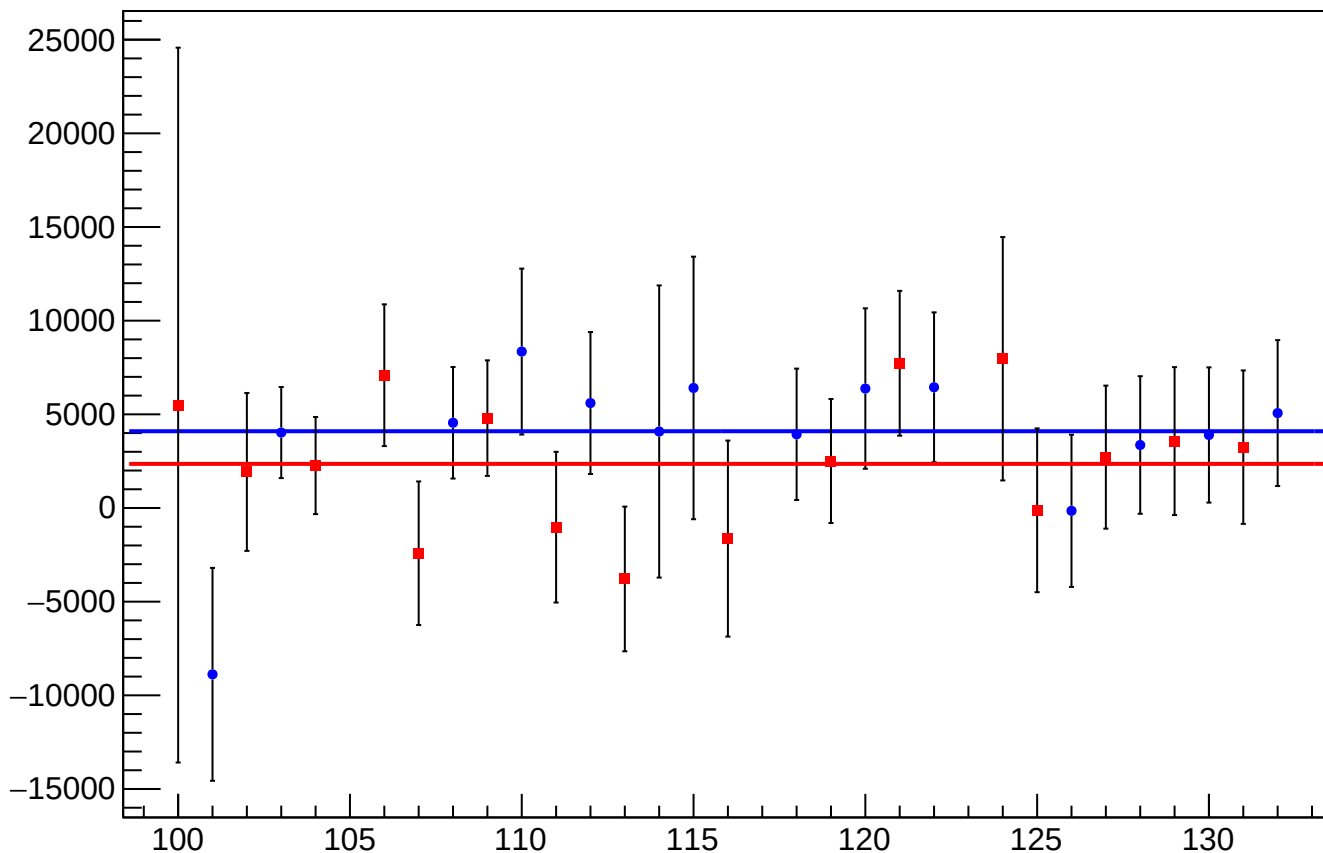
Right: 0.000+/-0.000 χ^2/NDF : 1527170.8/29

In: 0.000+/-0.000 χ^2/NDF : 617720.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1527170.8/29

reg_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4097.939 $\pm$ 1027.979 χ^2 /NDF: 8.3/13

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

Right Out: 2355.147 $\pm$ 979.247 χ^2 /NDF: 10.7/15

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

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

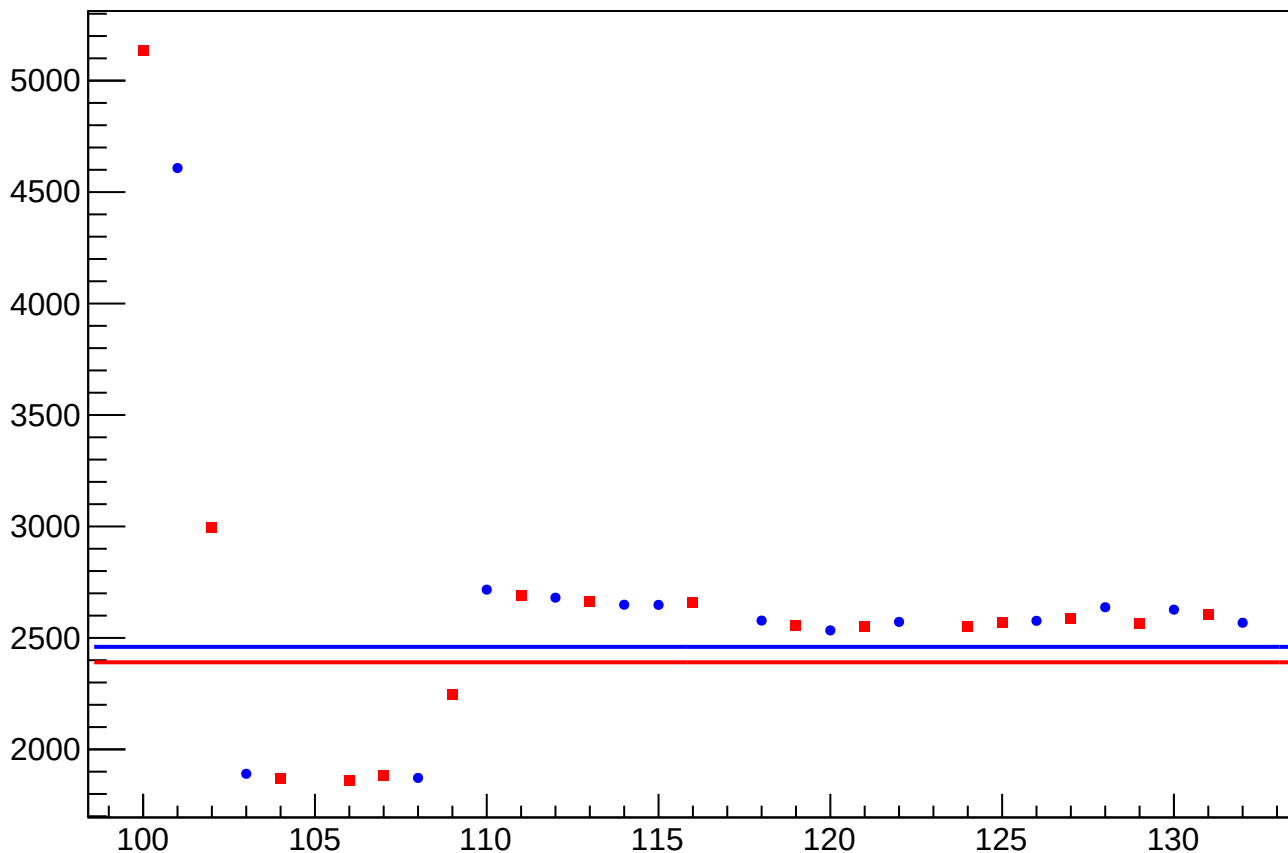
Right: 3184.256 $\pm$ 709.034 χ^2 /NDF: 20.5/29

In: 4097.939 $\pm$ 1027.979 χ^2 /NDF:8.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3184.256 $\pm$ 709.034 χ^2 /NDF: 20.5/29

reg_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2459.931+/-0.727 χ^2/NDF : 506181.8/13

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

Right Out: 2390.680+/-0.692 χ^2/NDF : 297076.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

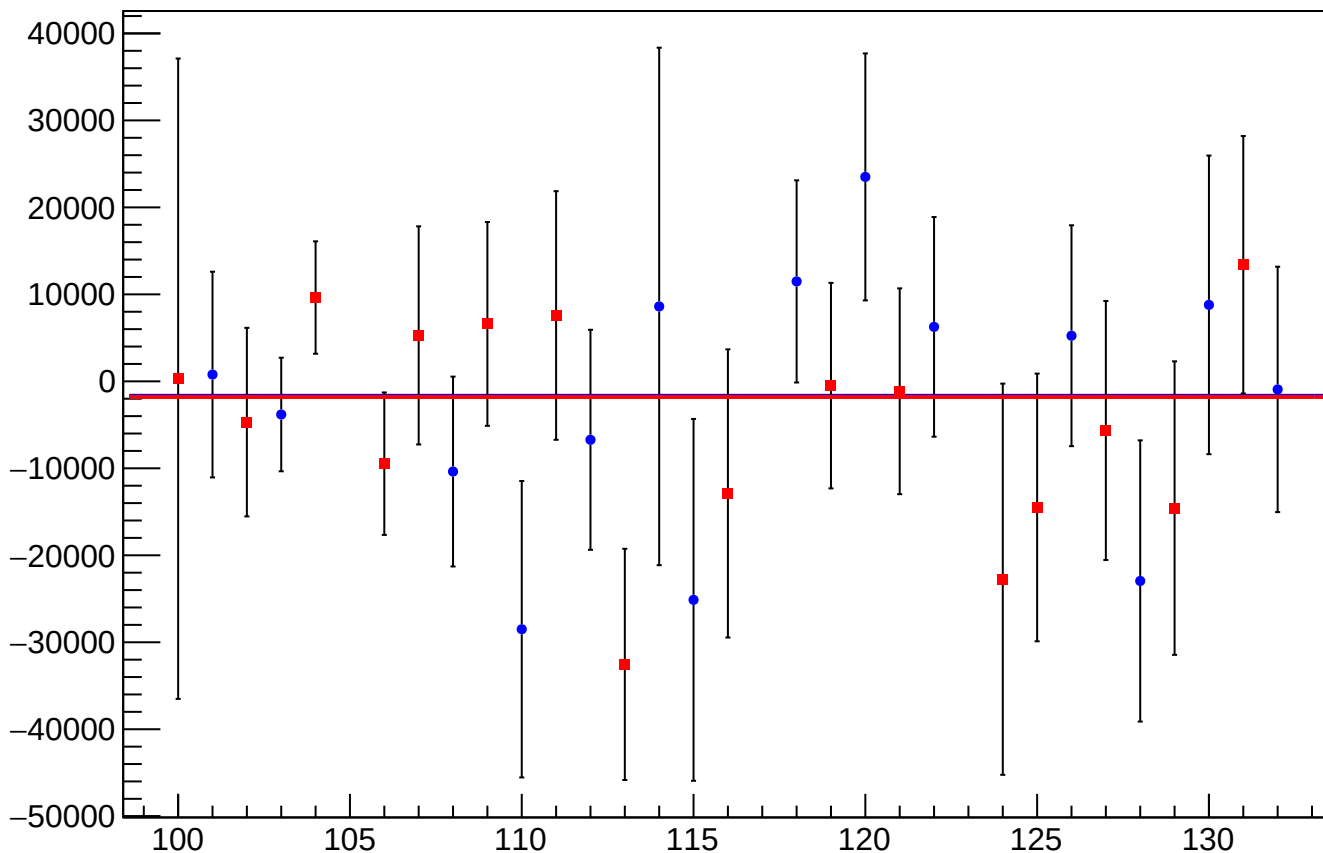
Right: 2423.625+/-0.501 χ^2/NDF : 808017.0/29

In: 2459.931+/-0.727 χ^2/NDF : 506181.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2423.625+/-0.501 χ^2/NDF : 808017.0/29

asym_atr2_reg_correction_mean vs Slug, Sign Corrected



Right In: -1666.397+/-3347.604 χ^2/NDF : 12.0/13

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

Right Out: -1798.037+/-3028.242 χ^2/NDF : 14.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

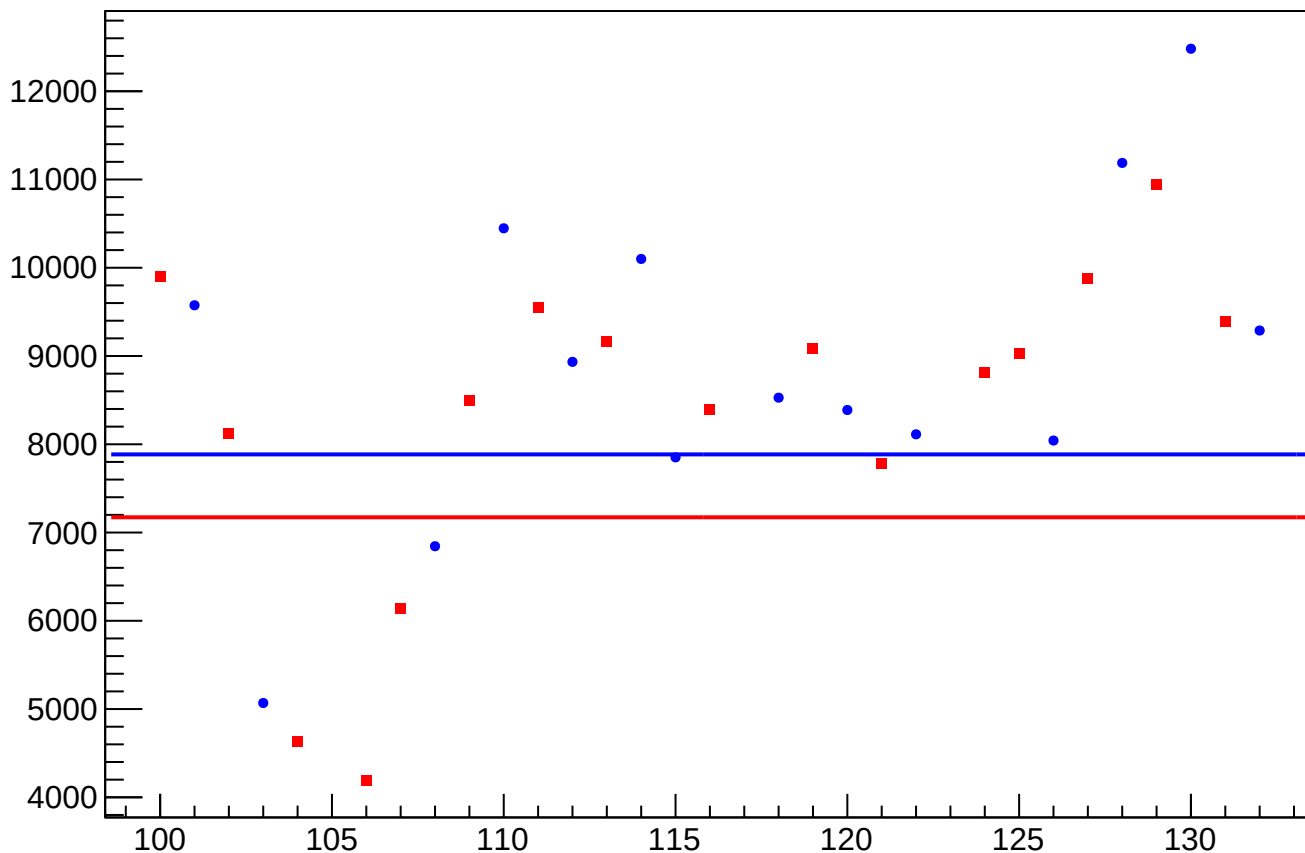
Right: -1738.794+/-2245.731 χ^2/NDF : 26.4/29

In: -1666.397+/-3347.604 χ^2/NDF : 12.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1738.794+/-2245.731 χ^2/NDF : 26.4/29

asym_atr2_reg_correction_rms vs Slug, Sign Corrected



Right In: 7885.215+/-2.367 χ^2/NDF : 757649.6/13

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

Right Out: 7172.711+/-2.141 χ^2/NDF : 1058531.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

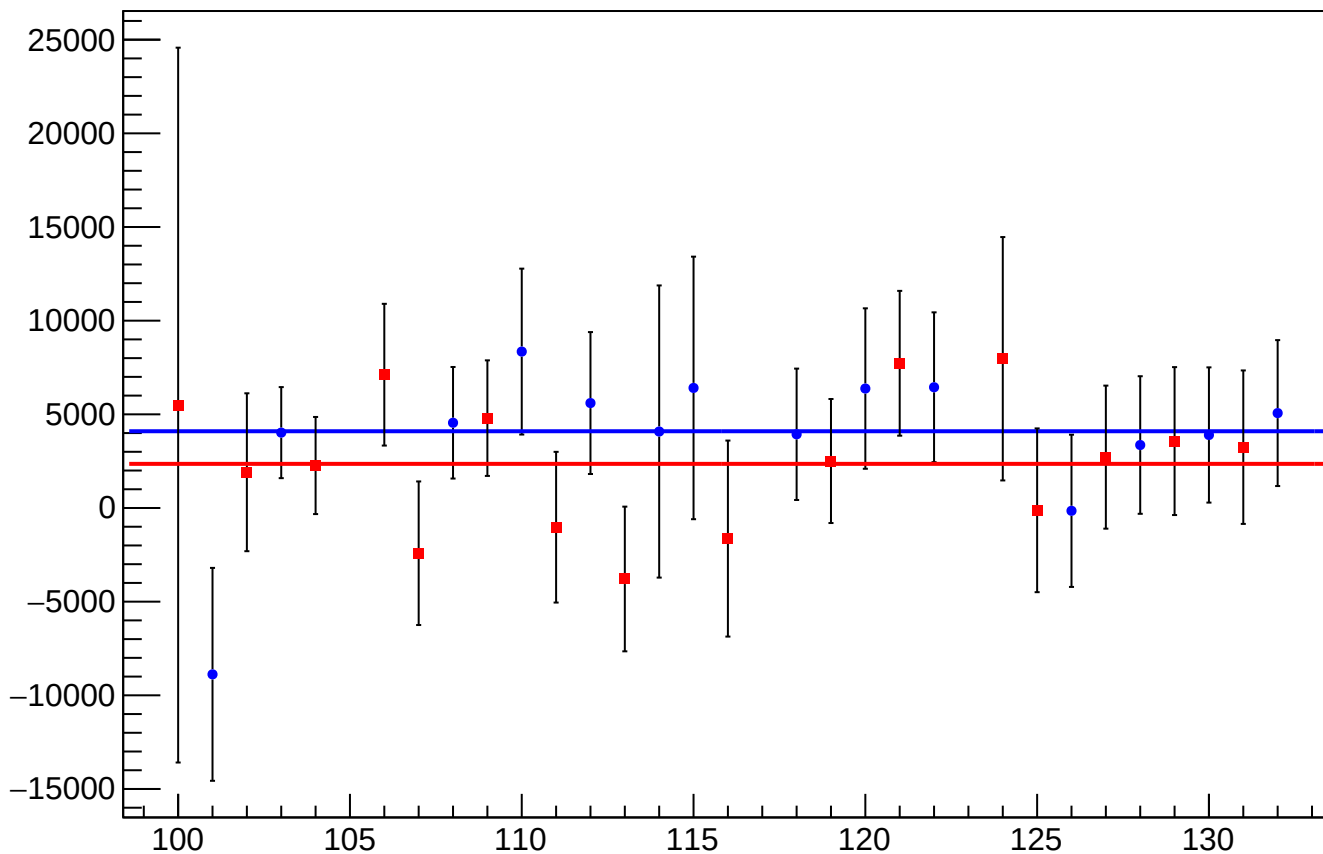
Right: 7493.363+/-1.588 χ^2/NDF : 1866008.3/29

In: 7885.215+/-2.367 χ^2/NDF : 757649.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7493.363+/-1.588 χ^2/NDF : 1866008.3/29

cor_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4097.329+/-1027.979 χ^2/NDF : 8.3/13

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

Right Out: 2355.966+/-979.256 χ^2/NDF : 10.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

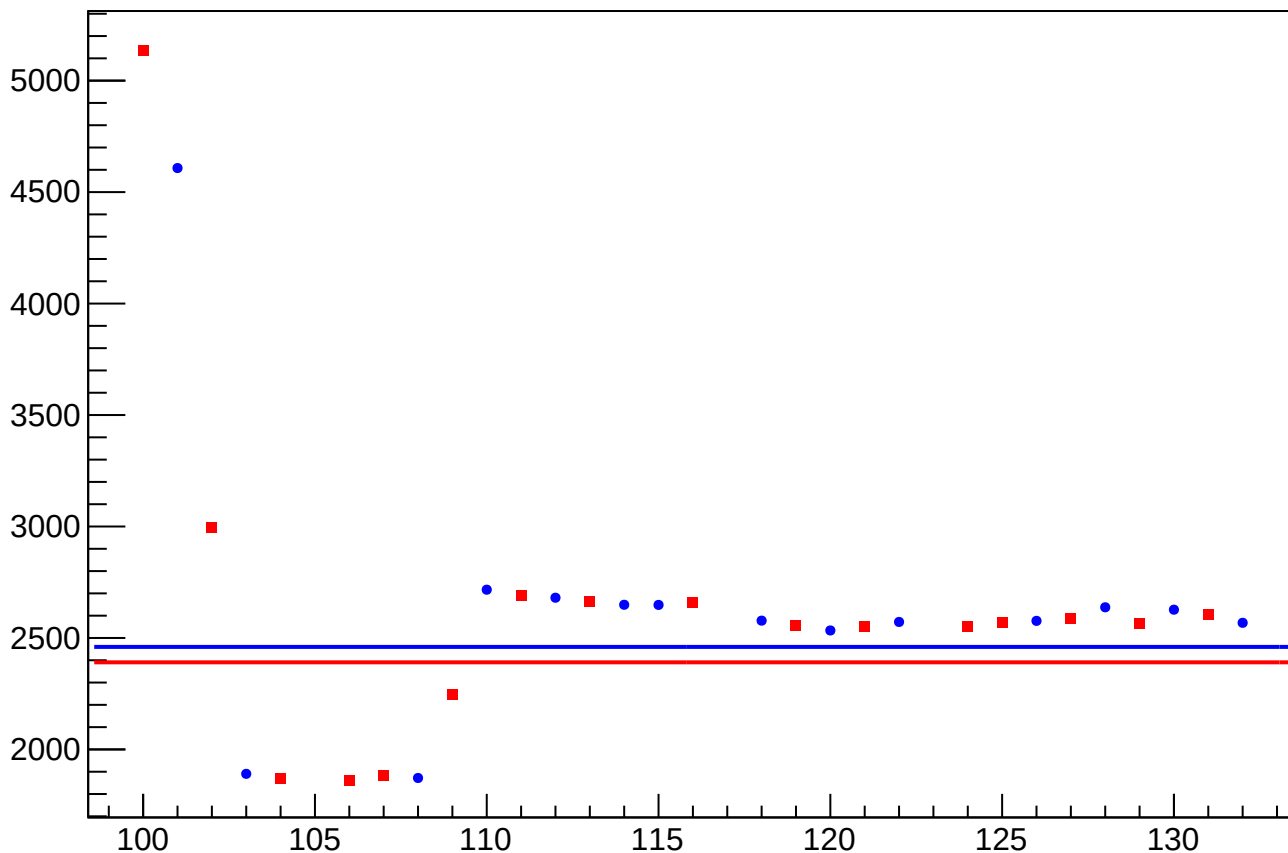
Right: 3184.403+/-709.038 χ^2/NDF : 20.5/29

In: 4097.329+/-1027.979 χ^2/NDF : 8.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3184.403+/-709.038 χ^2/NDF : 20.5/29

cor_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2459.932+/-0.727 χ^2/NDF : 506179.8/13

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

Right Out: 2390.706+/-0.692 χ^2/NDF : 297029.0/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

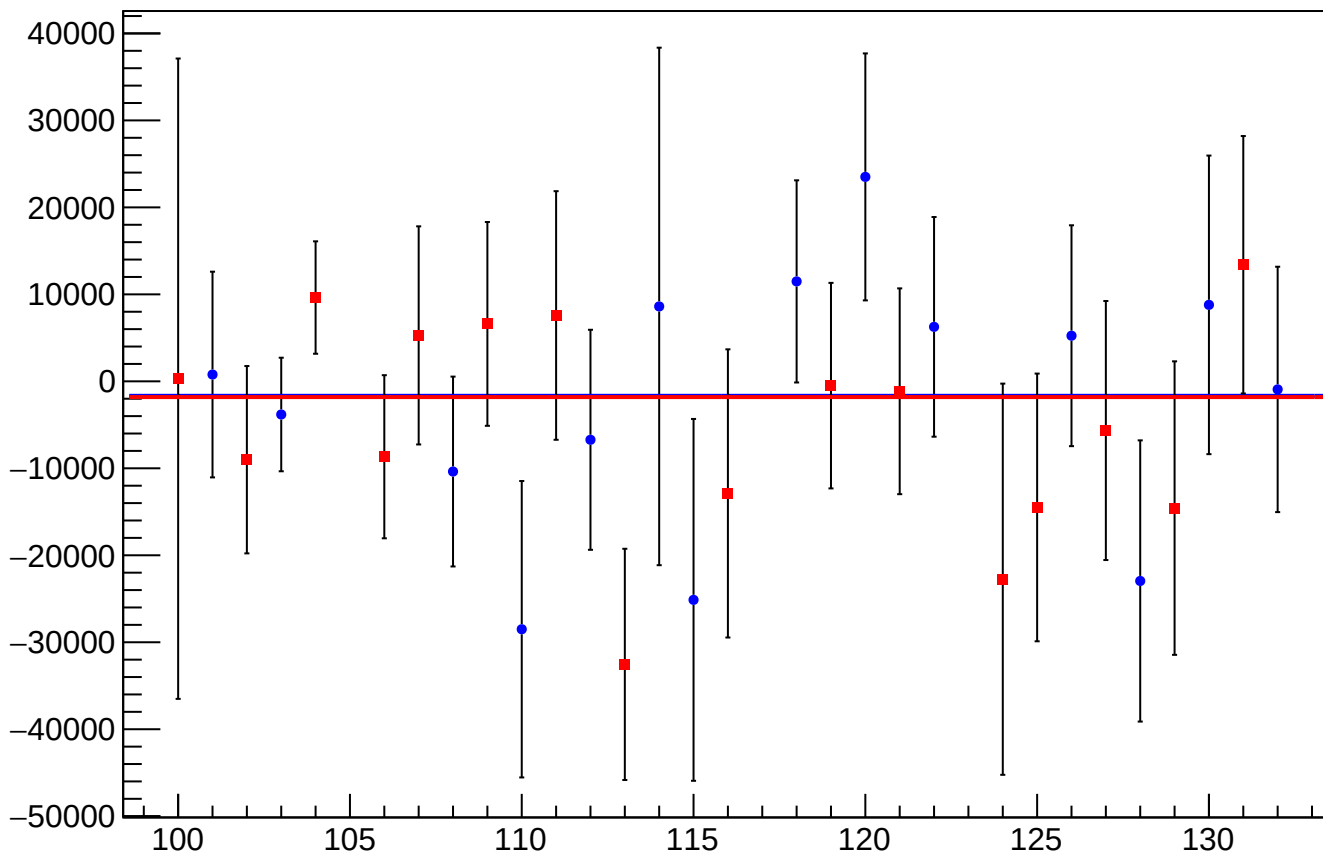
Right: 2423.639+/-0.501 χ^2/NDF : 807963.7/29

In: 2459.932+/-0.727 χ^2/NDF : 506179.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2423.639+/-0.501 χ^2/NDF : 807963.7/29

asym_atr2_cor_correction_mean vs Slug, Sign Corrected



Right In: -1666.058+/-3347.720 χ^2/NDF : 12.0/13

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

Right Out: -1810.848+/-3077.088 χ^2/NDF : 14.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

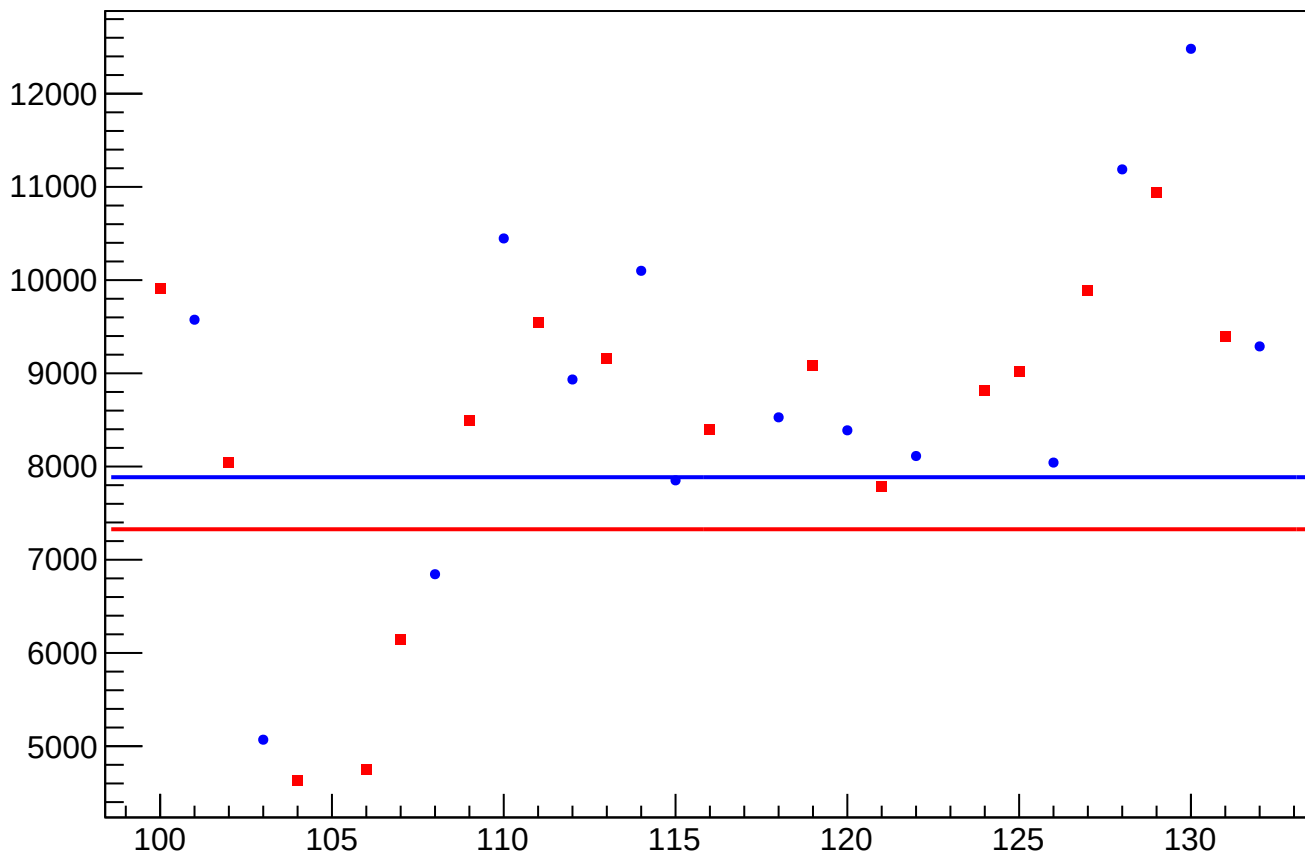
Right: -1744.541+/-2265.473 χ^2/NDF : 26.5/29

In: -1666.058+/-3347.720 χ^2/NDF :12.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1744.541+/-2265.473 χ^2/NDF : 26.5/29

asym_atr2_cor_correction_rms vs Slug, Sign Corrected



Right In: 7885.597+/-2.367 χ^2/NDF : 757363.7/13

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

Right Out: 7327.126+/-2.176 χ^2/NDF : 920332.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

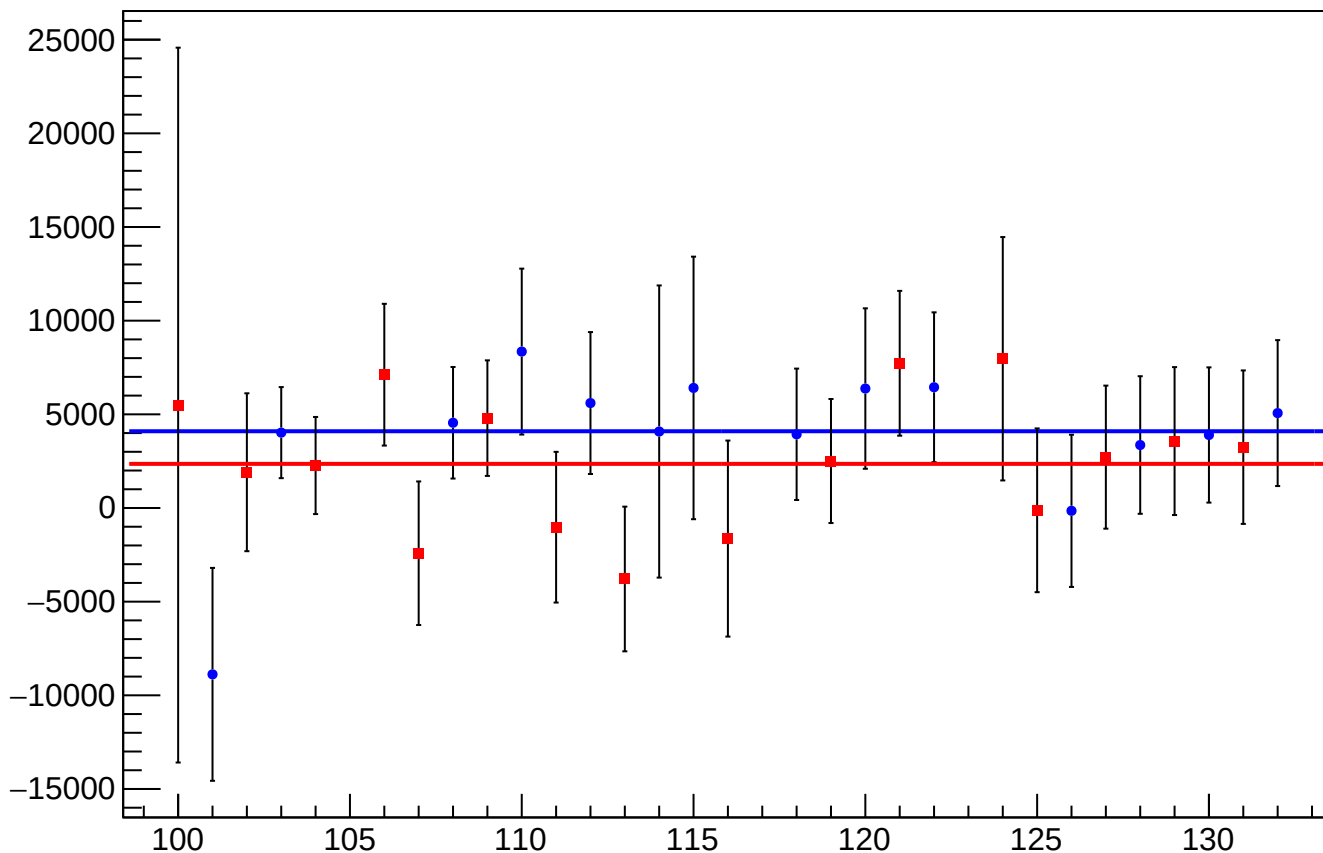
Right: 7582.879+/-1.602 χ^2/NDF : 1707865.7/29

In: 7885.597+/-2.367 χ^2/NDF : 757363.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7582.879+/-1.602 χ^2/NDF : 1707865.7/29

eigen_cor_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4097.329+/-1027.979 χ^2/NDF : 8.3/13

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

Right Out: 2355.966+/-979.256 χ^2/NDF : 10.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

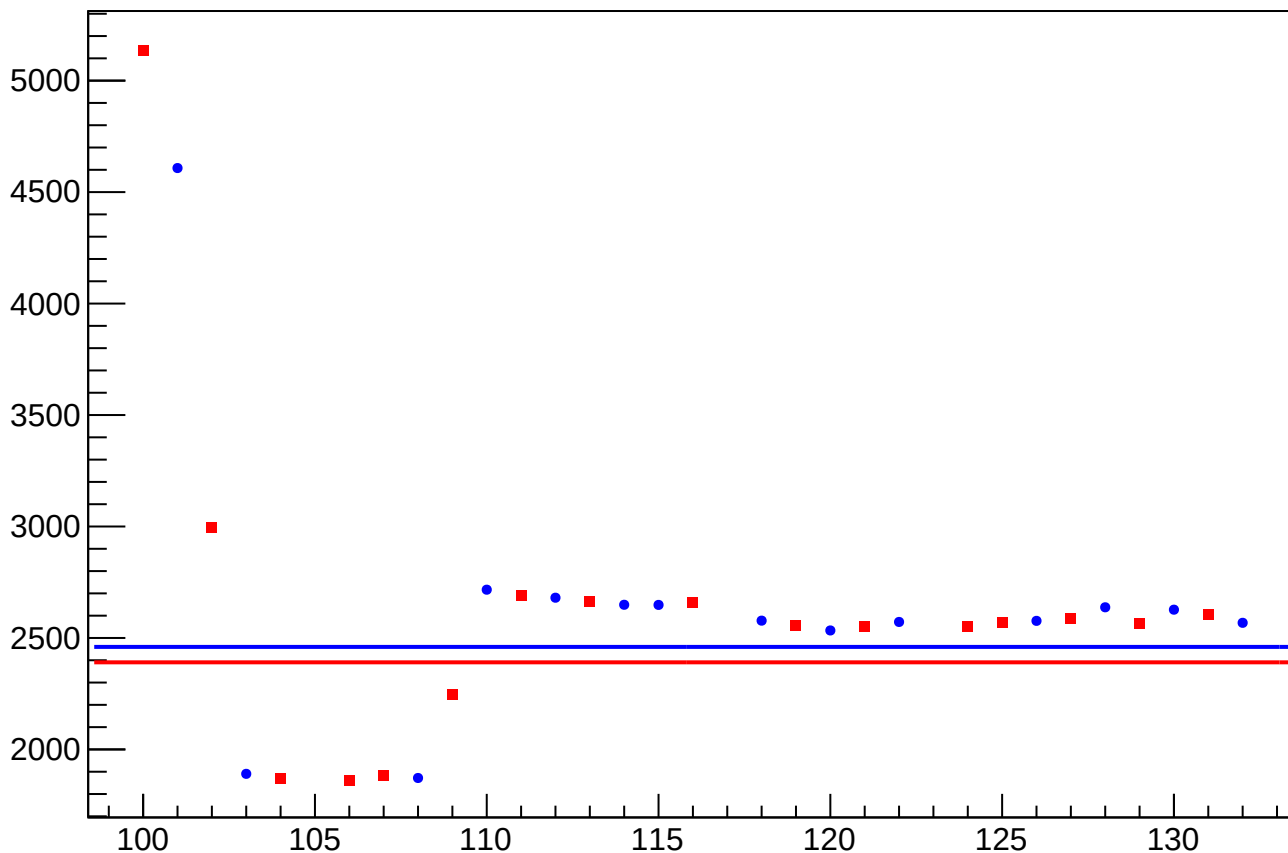
Right: 3184.403+/-709.038 χ^2/NDF : 20.5/29

In: 4097.329+/-1027.979 χ^2/NDF : 8.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3184.403+/-709.038 χ^2/NDF : 20.5/29

eigen_cor_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2459.932+/-0.727 χ^2/NDF : 506179.8/13

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

Right Out: 2390.706+/-0.692 χ^2/NDF : 297029.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

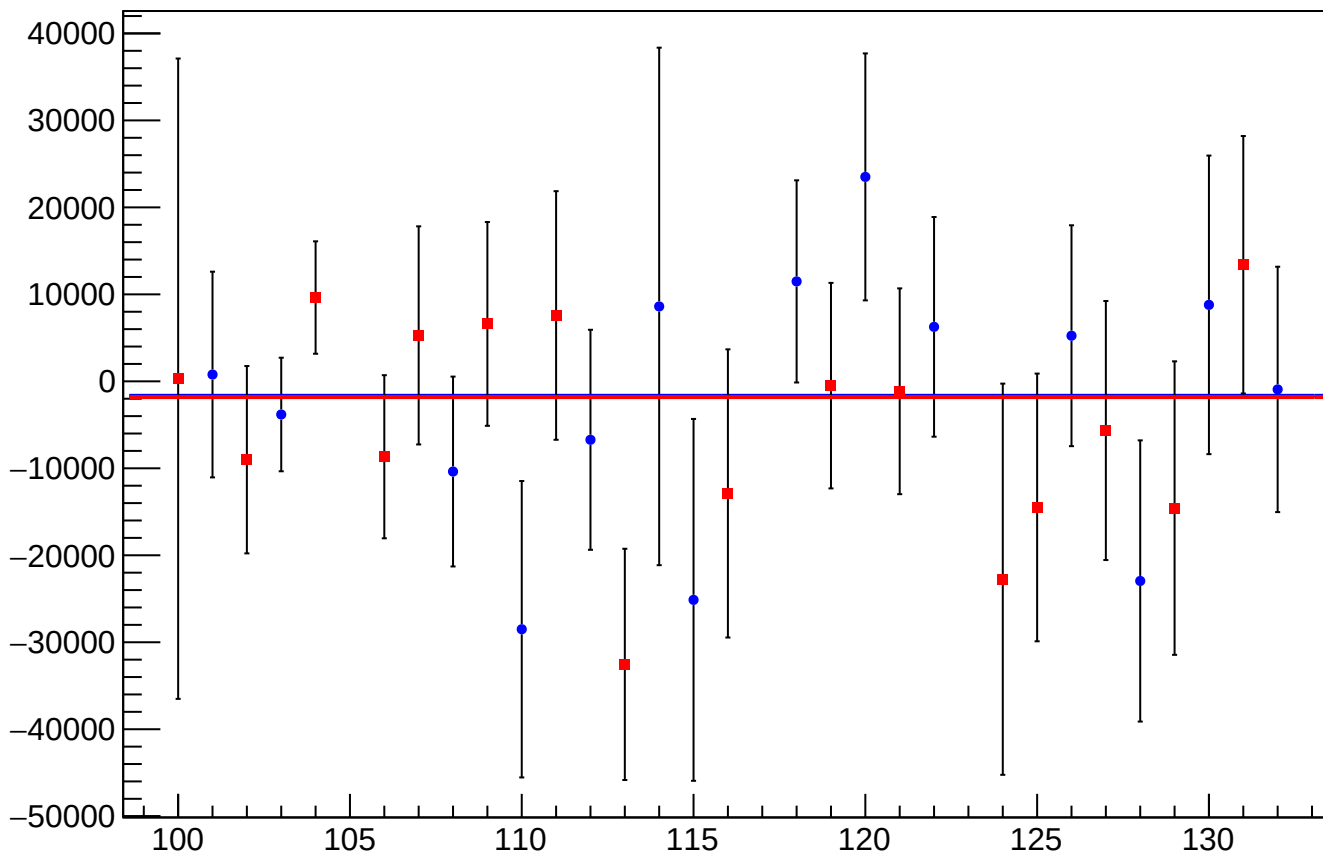
Right: 2423.639+/-0.501 χ^2/NDF : 807963.7/29

In: 2459.932+/-0.727 χ^2/NDF :506179.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2423.639+/-0.501 χ^2/NDF : 807963.7/29

asym_atr2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1666.058+/-3347.720 χ^2/NDF : 12.0/13

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

Right Out: -1810.848+/-3077.088 χ^2/NDF : 14.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

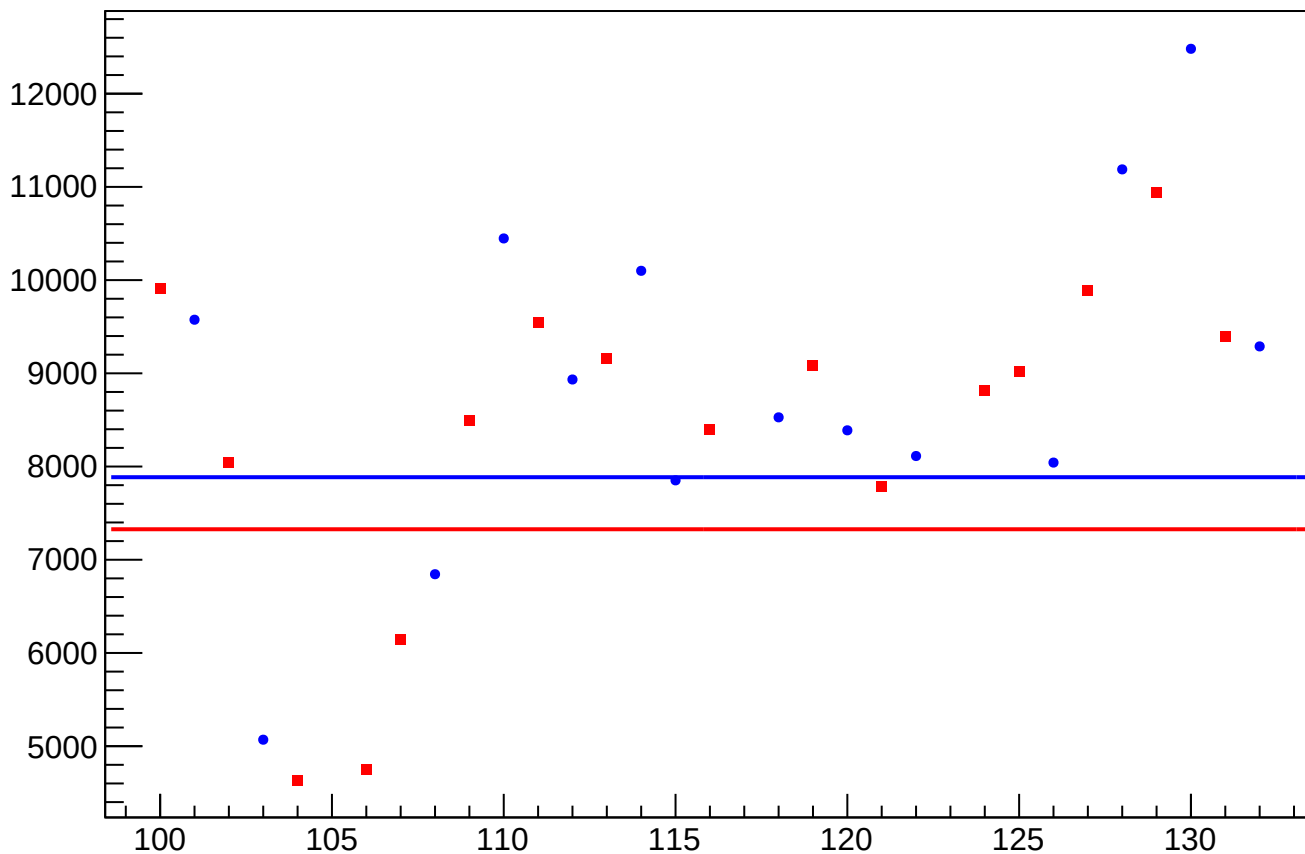
Right: -1744.541+/-2265.473 χ^2/NDF : 26.5/29

In: -1666.058+/-3347.720 χ^2/NDF : 12.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1744.541+/-2265.473 χ^2/NDF : 26.5/29

asym_atr2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 7885.597+/-2.367 χ^2/NDF : 757363.7/13

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

Right Out: 7327.126+/-2.176 χ^2/NDF : 920332.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

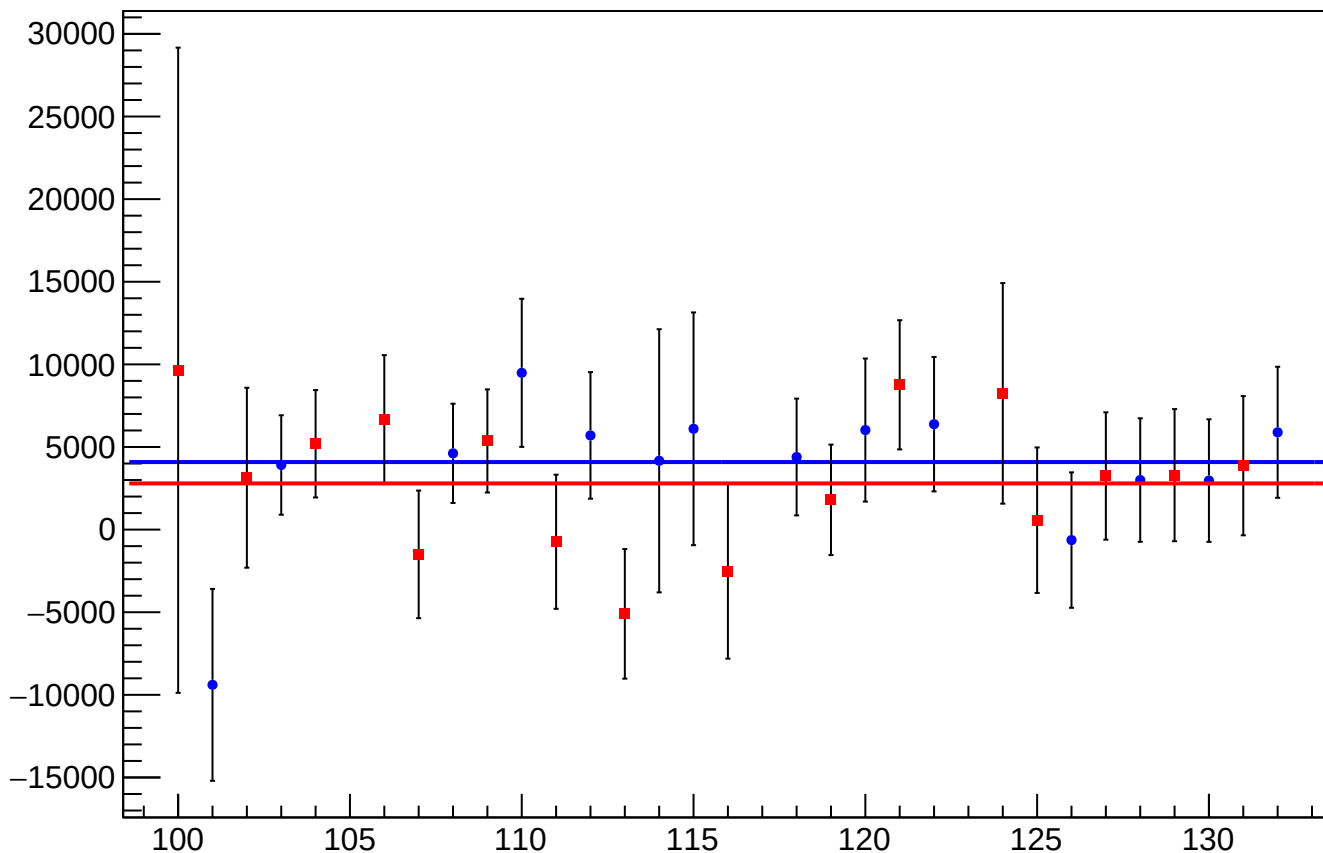
Right: 7582.879+/-1.602 χ^2/NDF : 1707865.7/29

In: 7885.597+/-2.367 χ^2/NDF : 757363.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7582.879+/-1.602 χ^2/NDF : 1707865.7/29

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4088.367+/-1074.512 χ^2/NDF : 9.4/13

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

Right Out: 2795.740+/-1029.689 χ^2/NDF : 12.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

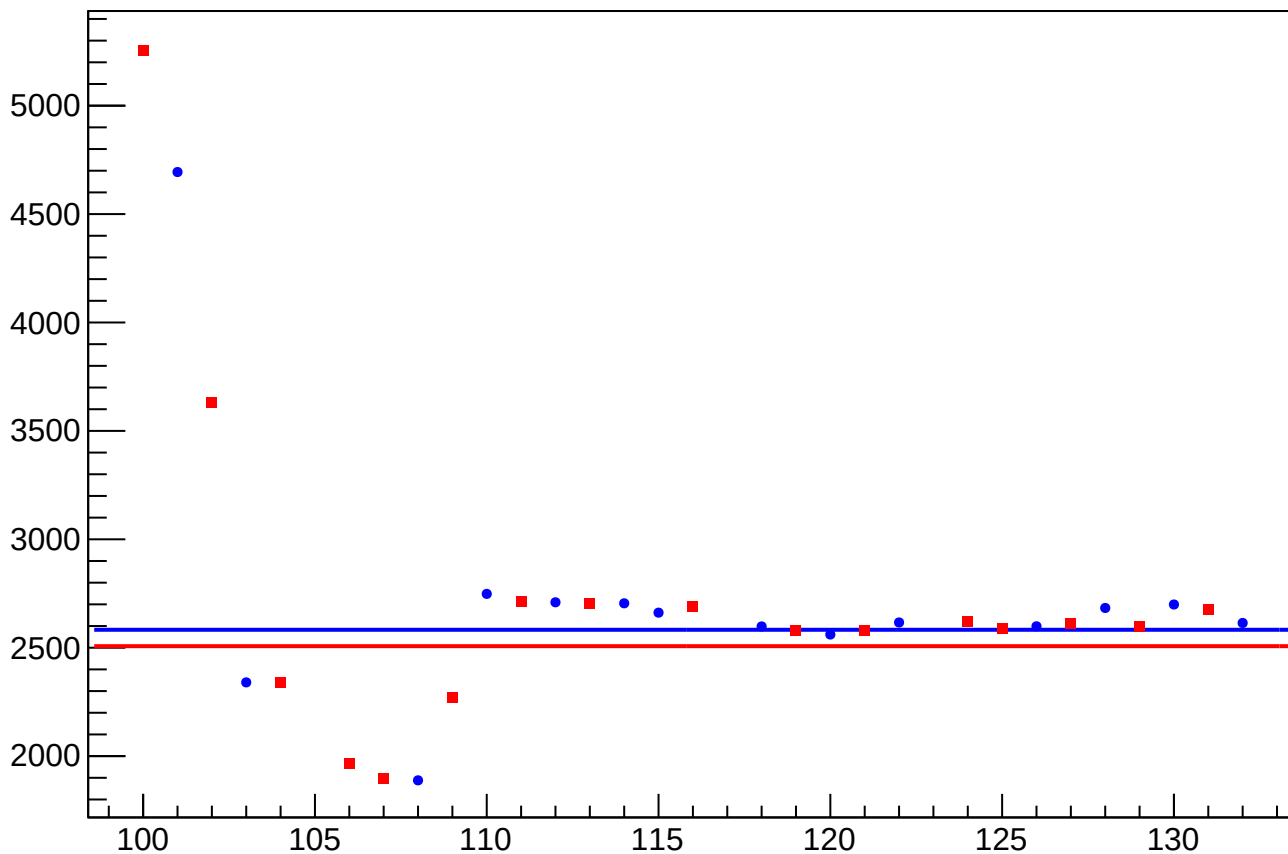
Right: 3414.531+/-743.441 χ^2/NDF : 22.9/29

In: 4088.367+/-1074.512 χ^2/NDF : 9.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3414.531+/-743.441 χ^2/NDF : 22.9/29

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2582.745+/-0.760 χ^2/NDF : 393669.5/13

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

Right Out: 2507.116+/-0.728 χ^2/NDF : 251901.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

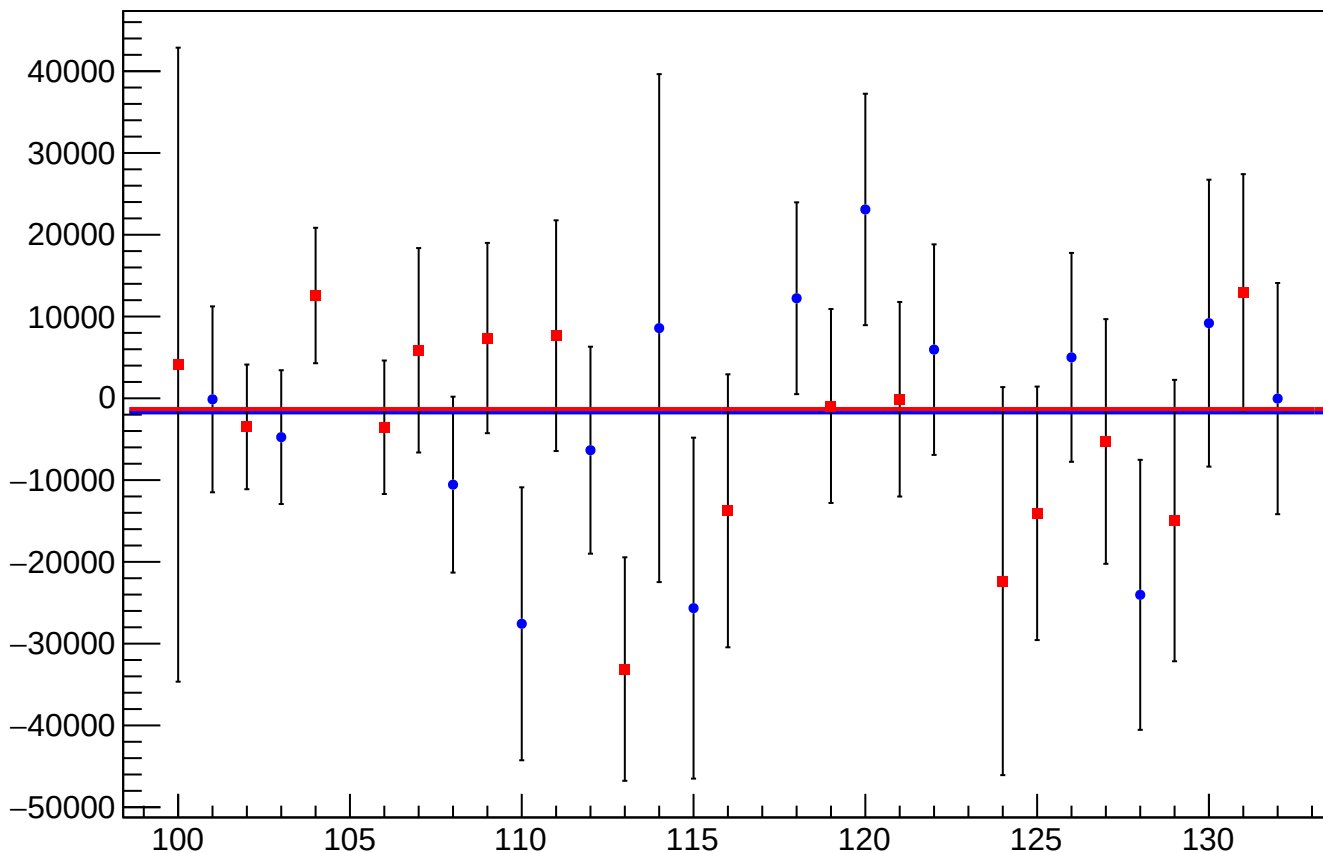
Right: 2543.295+/-0.526 χ^2/NDF : 650739.3/29

In: 2582.745+/-0.760 χ^2/NDF : 393669.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2543.295+/-0.526 χ^2/NDF : 650739.3/29

asym_atr2_dit_correction_mean vs Slug, Sign Corrected



Right In: -1724.851+/-3516.868 χ^2/NDF : 12.1/13

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

Right Out: -1309.422+/-3043.327 χ^2/NDF : 13.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

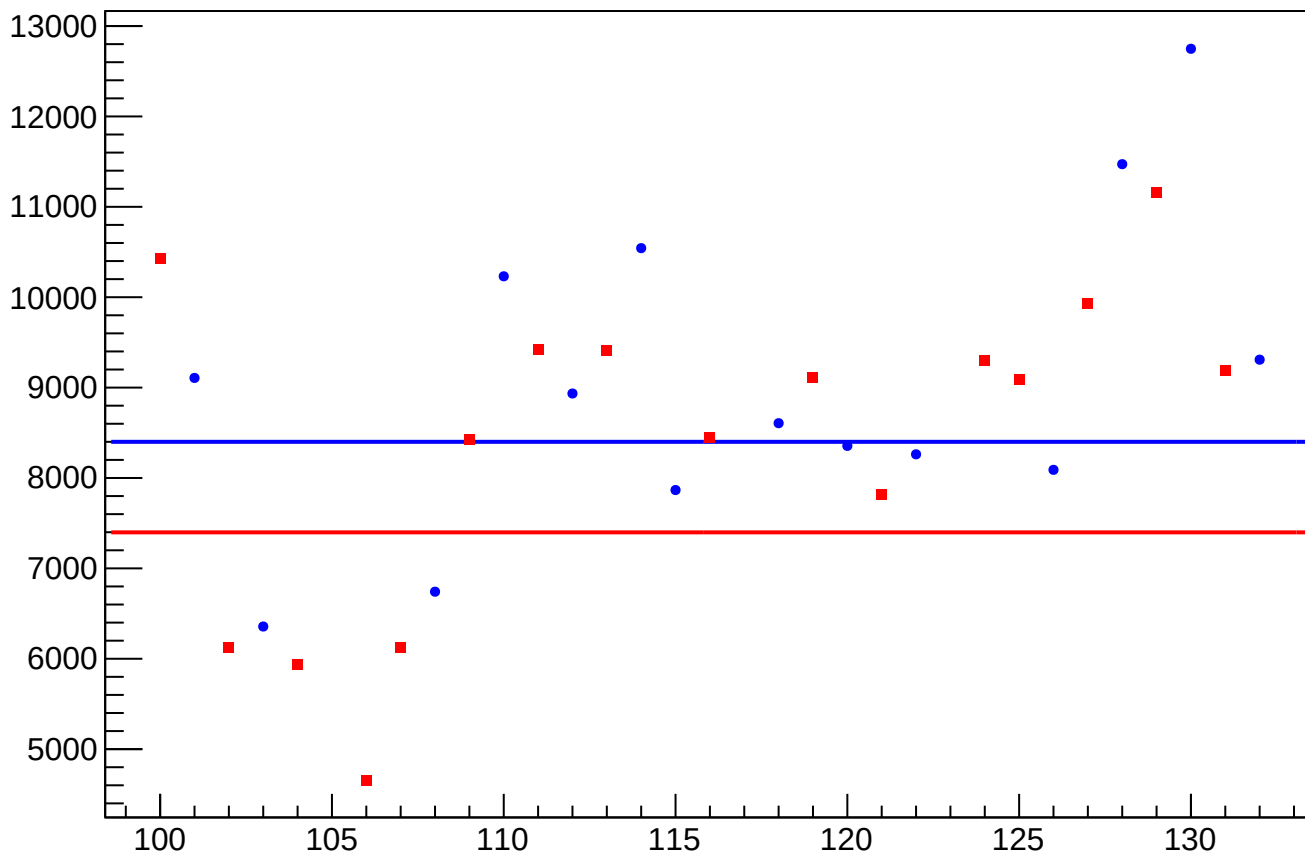
Right: -1487.305+/-2301.306 χ^2/NDF : 25.5/29

In: -1724.851+/-3516.868 χ^2/NDF : 12.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1487.305+/-2301.306 χ^2/NDF : 25.5/29

asym_atr2_dit_correction_rms vs Slug, Sign Corrected



Right In: 8400.160+/-2.487 χ^2/NDF : 420991.5/13

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

Right Out: 7398.315+/-2.152 χ^2/NDF : 748700.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

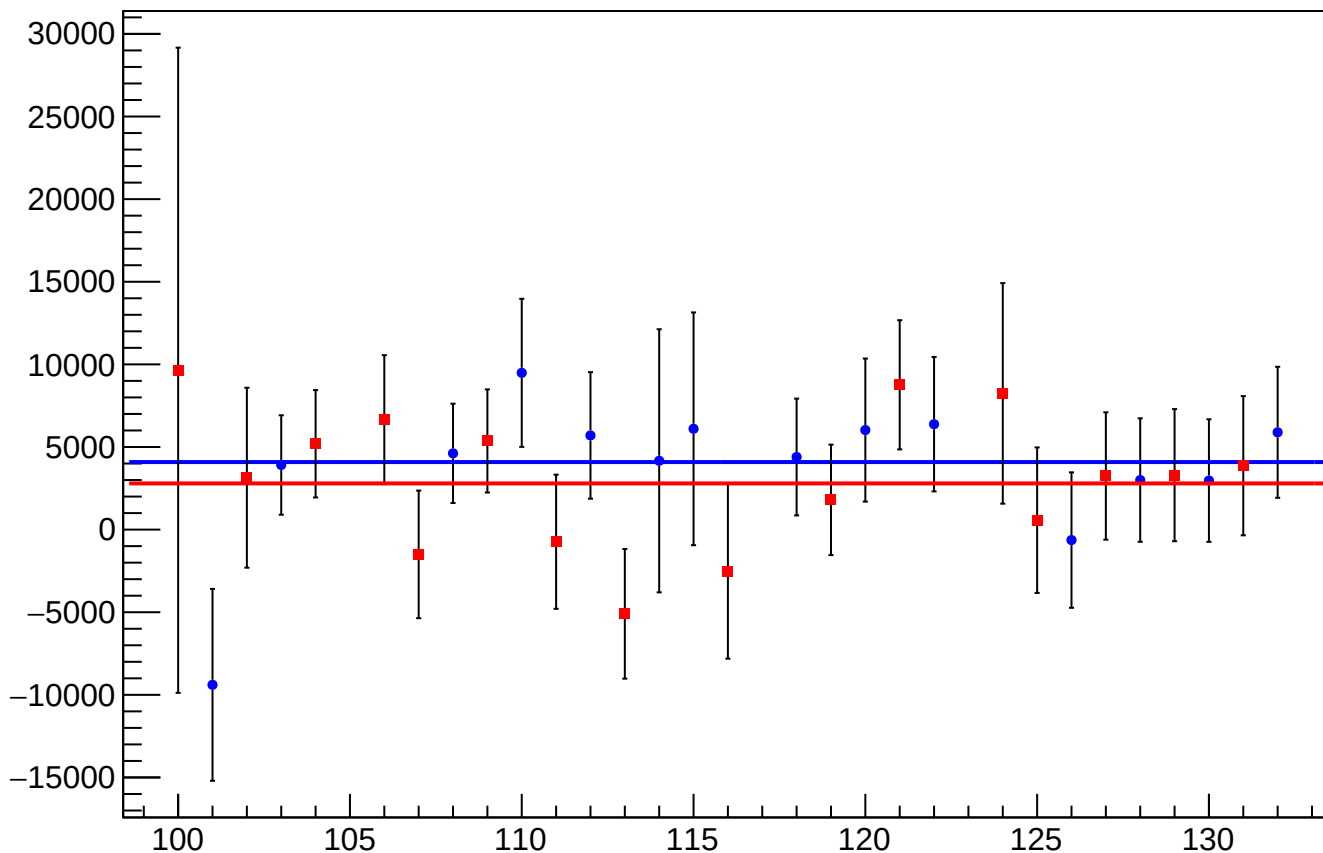
Right: 7827.295+/-1.627 χ^2/NDF : 1262496.6/29

In: 8400.160+/-2.487 χ^2/NDF : 420991.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7827.295+/-1.627 χ^2/NDF : 1262496.6/29

eigen_dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4088.365+/-1074.511 χ^2/NDF : 9.4/13

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

Right Out: 2795.751+/-1029.689 χ^2/NDF : 12.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

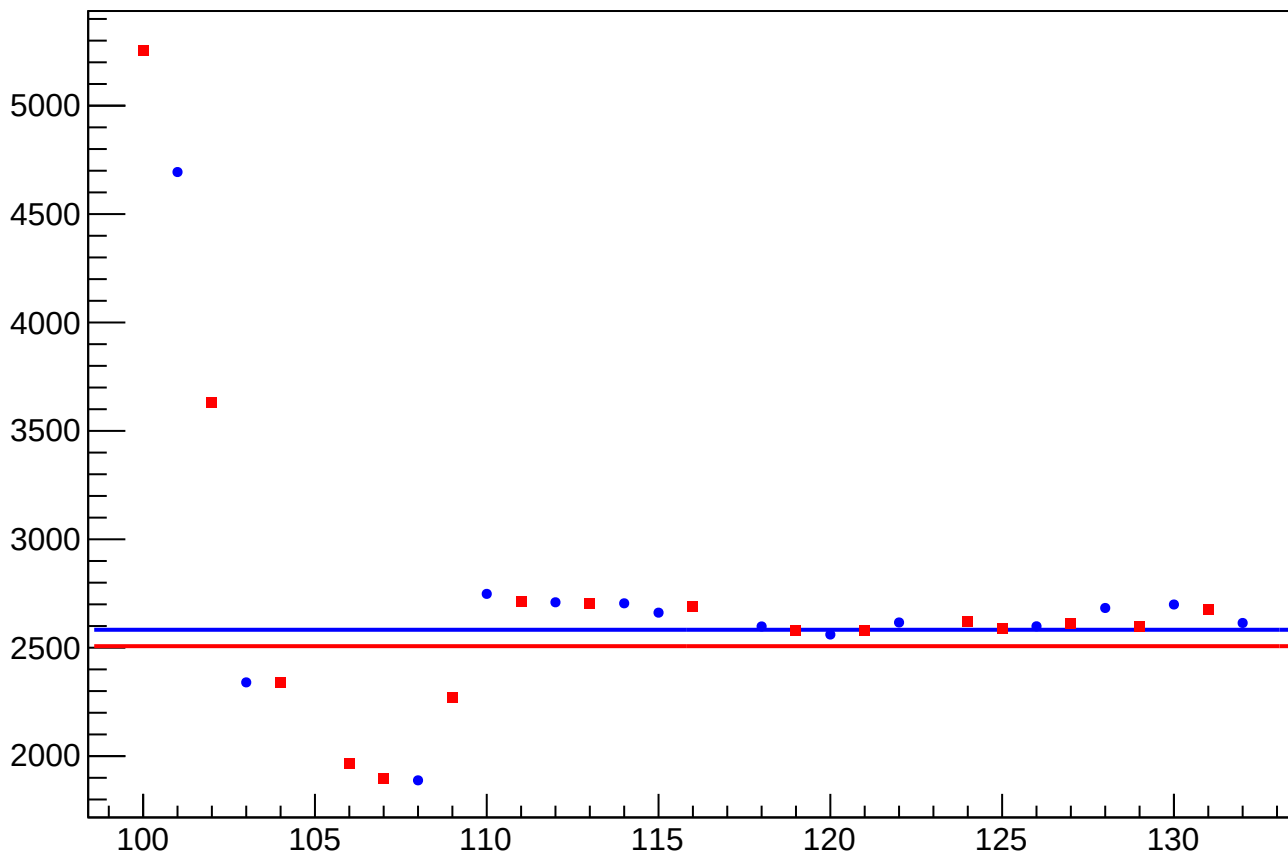
Right: 3414.536+/-743.441 χ^2/NDF : 22.9/29

In: 4088.365+/-1074.511 χ^2/NDF : 9.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3414.536+/-743.441 χ^2/NDF : 22.9/29

eigen_dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2582.744+/-0.760 χ^2/NDF : 393669.6/13

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

Right Out: 2507.116+/-0.728 χ^2/NDF : 251901.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

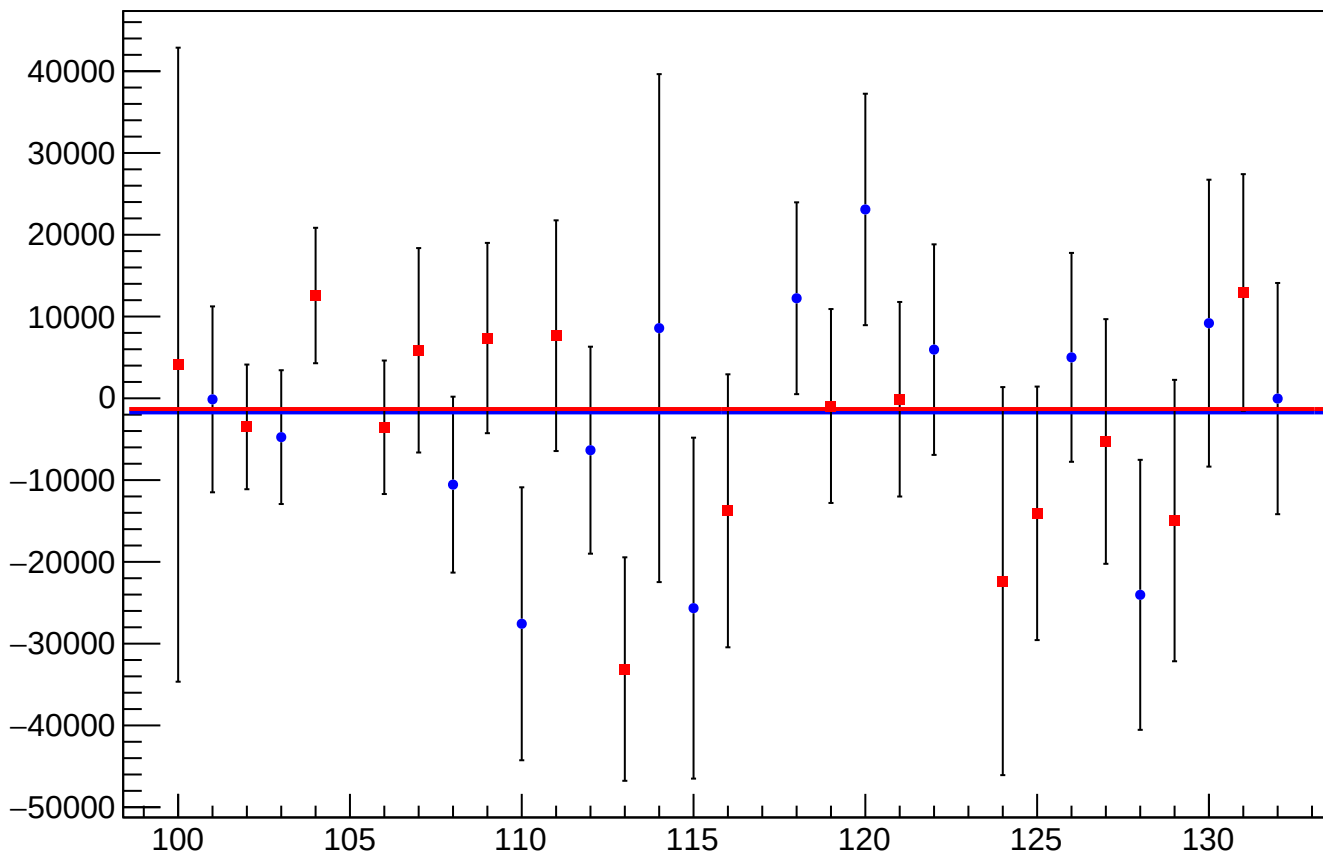
Right: 2543.295+/-0.526 χ^2/NDF : 650738.8/29

In: 2582.744+/-0.760 χ^2/NDF : 393669.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2543.295+/-0.526 χ^2/NDF : 650738.8/29

asym_atr2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1724.837+/-3516.860 χ^2/NDF : 12.1/13

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

Right Out: -1309.416+/-3043.321 χ^2/NDF : 13.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

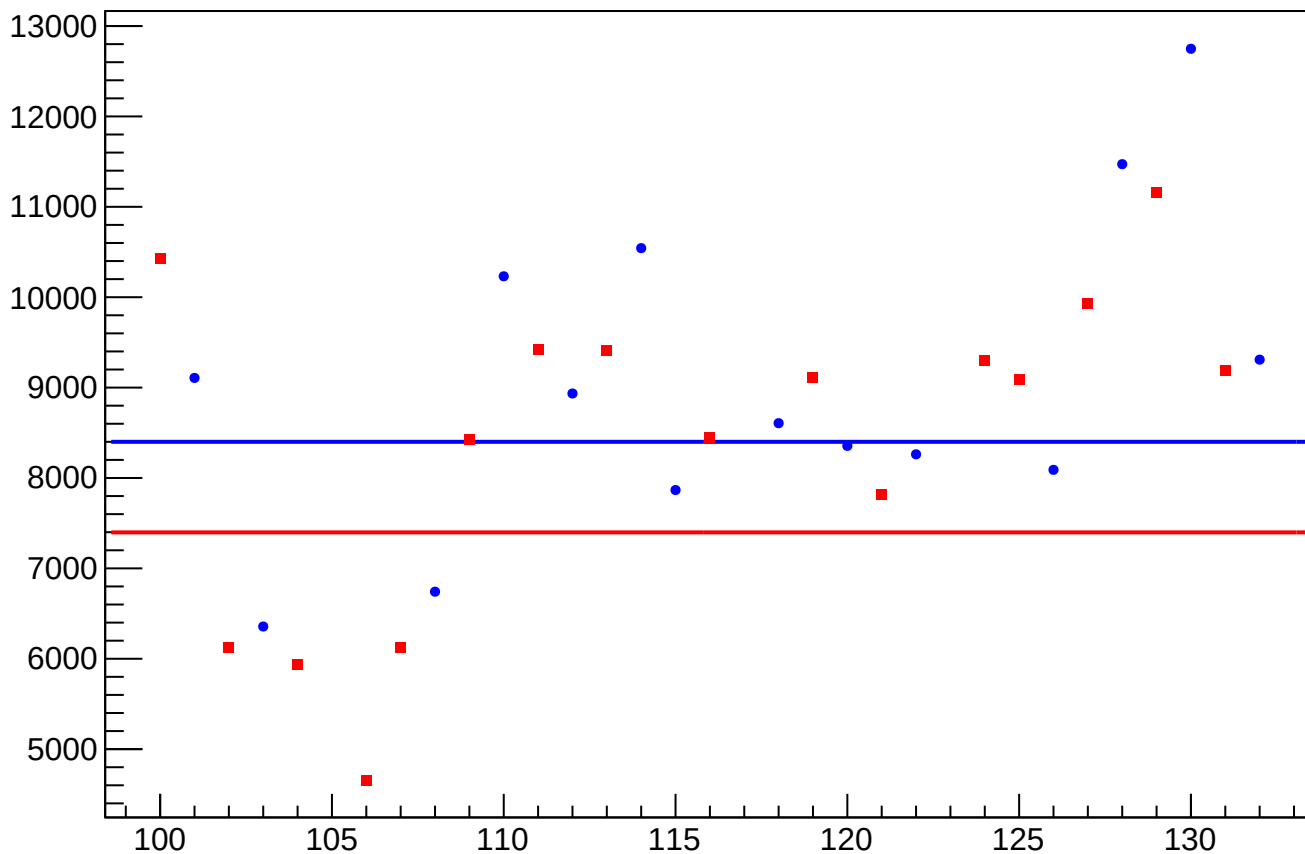
Right: -1487.295+/-2301.301 χ^2/NDF : 25.5/29

In: -1724.837+/-3516.860 χ^2/NDF : 12.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1487.295+/-2301.301 χ^2/NDF : 25.5/29

asym_atr2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 8400.143+/-2.487 χ^2/NDF : 420986.2/13

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

Right Out: 7398.300+/-2.152 χ^2/NDF : 748696.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

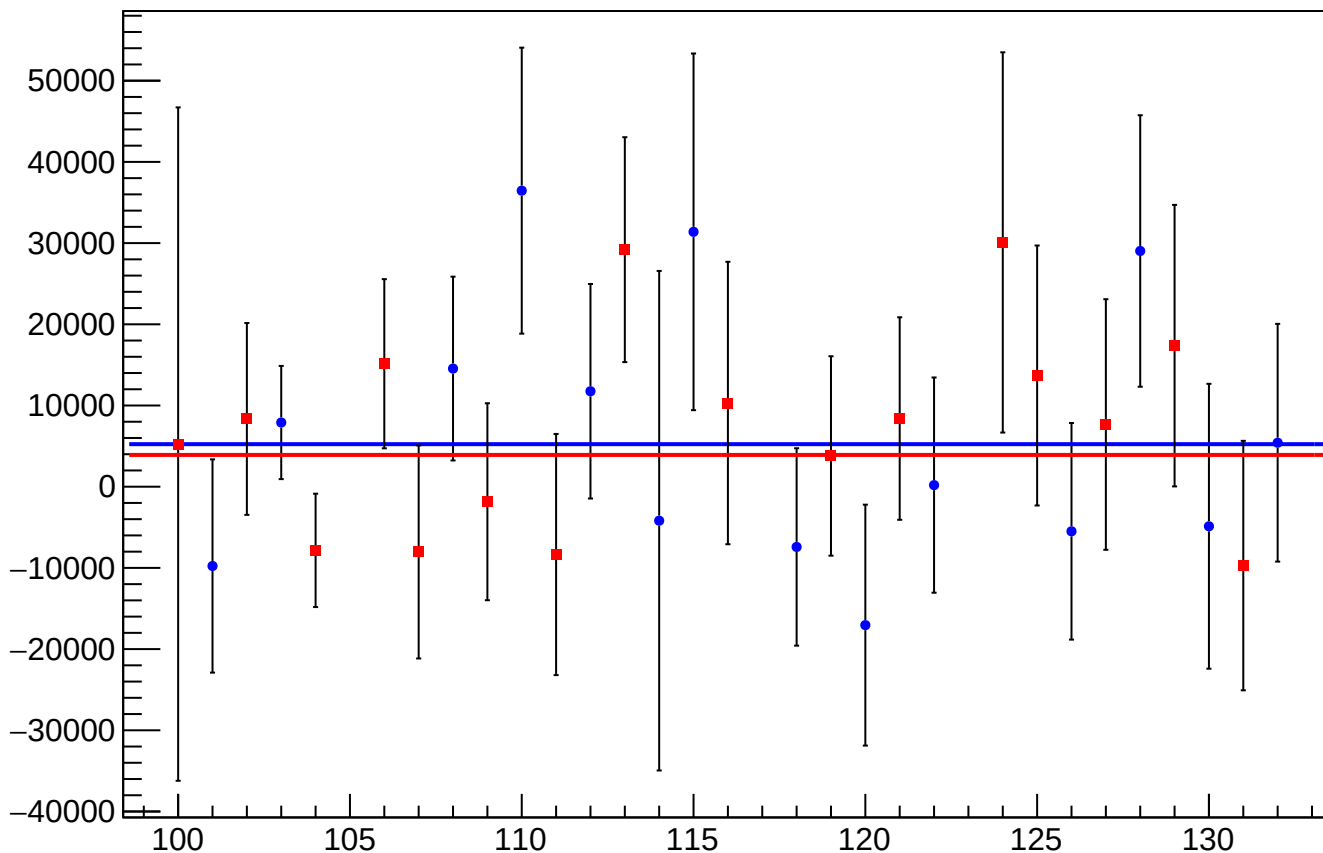
Right: 7827.279+/-1.627 χ^2/NDF : 1262487.3/29

In: 8400.143+/-2.487 χ^2/NDF : 420986.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7827.279+/-1.627 χ^2/NDF : 1262487.3/29

asym_atr2_mean vs Slug, Sign Corrected



Right In: 5236.976+/-3526.775 χ^2/NDF : 13.5/13

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

Right Out: 3913.318+/-3266.806 χ^2/NDF : 12.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

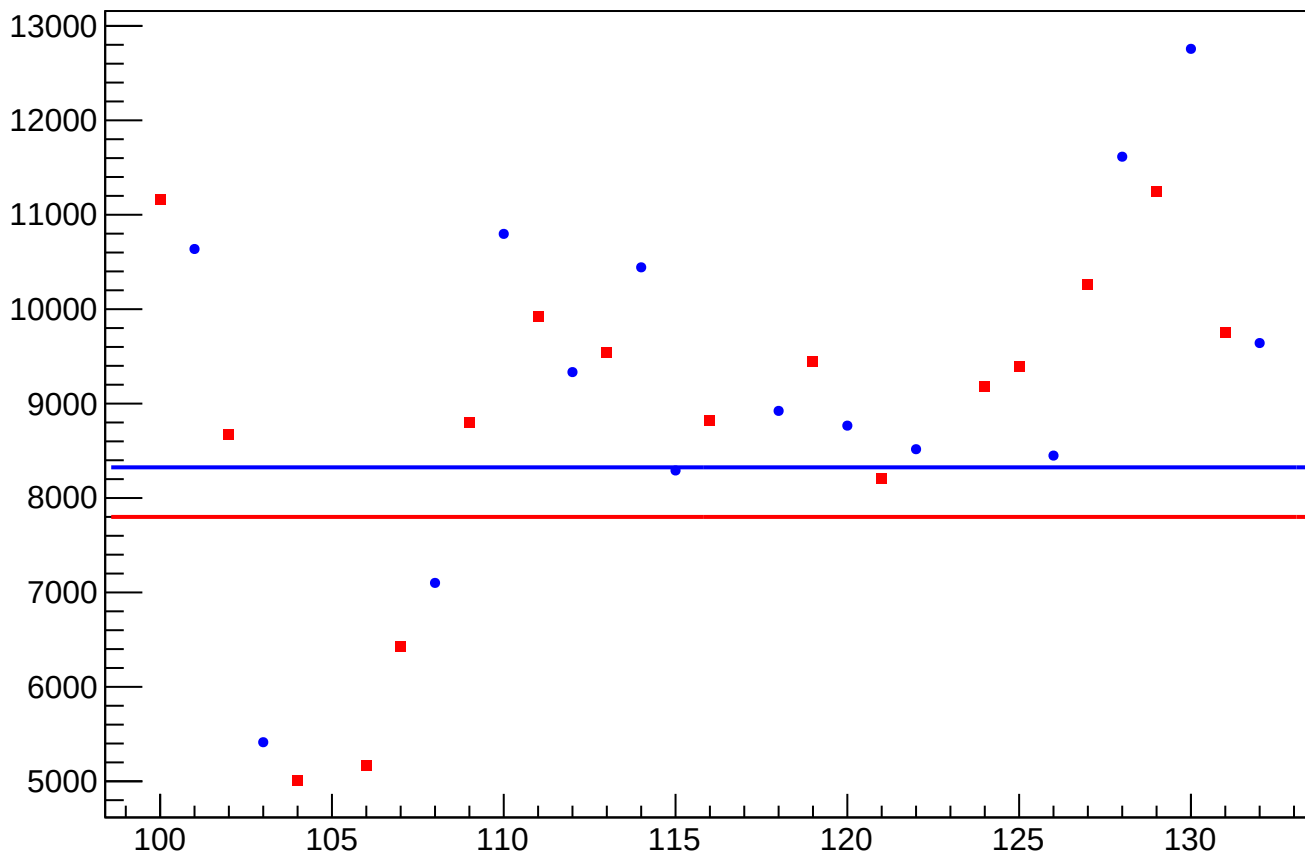
Right: 4524.569+/-2396.622 χ^2/NDF : 26.1/29

In: 5236.976+/-3526.775 χ^2/NDF : 13.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4524.569+/-2396.622 χ^2/NDF : 26.1/29

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8325.024+/-2.494 χ^2/NDF : 723479.3/13

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

Right Out: 7799.812+/-2.310 χ^2/NDF : 813167.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

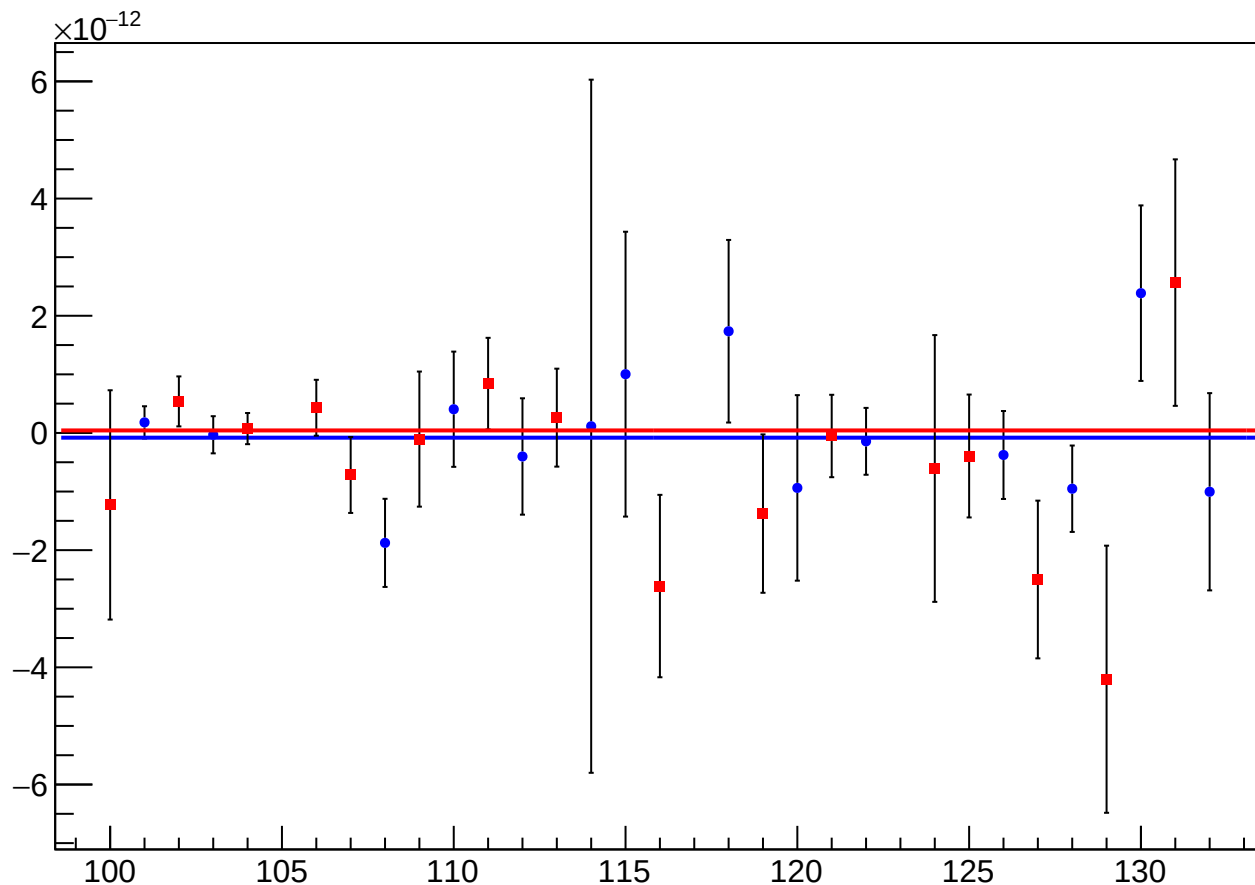
Right: 8042.343+/-1.695 χ^2/NDF : 1560519.3/29

In: 8325.024+/-2.494 χ^2/NDF : 723479.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8042.343+/-1.695 χ^2/NDF : 1560519.3/29

asym_atr2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.4/13

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

Right Out: 0.000+/-0.000 χ^2/NDF : 17.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

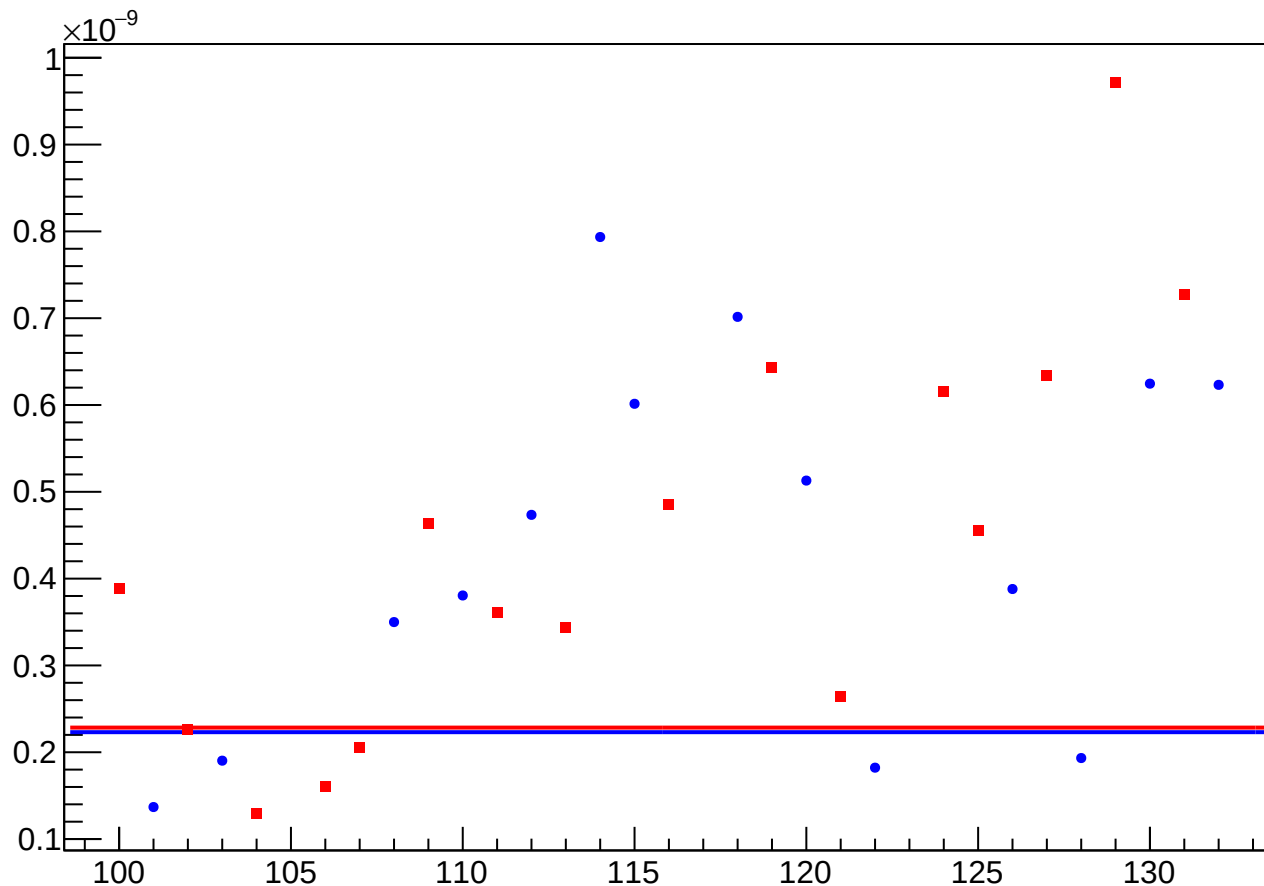
Right: -0.000+/-0.000 χ^2/NDF : 31.4/29

In: -0.000+/-0.000 χ^2/NDF : 13.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.4/29

asym_atr2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1142797.8/13

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1418451.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

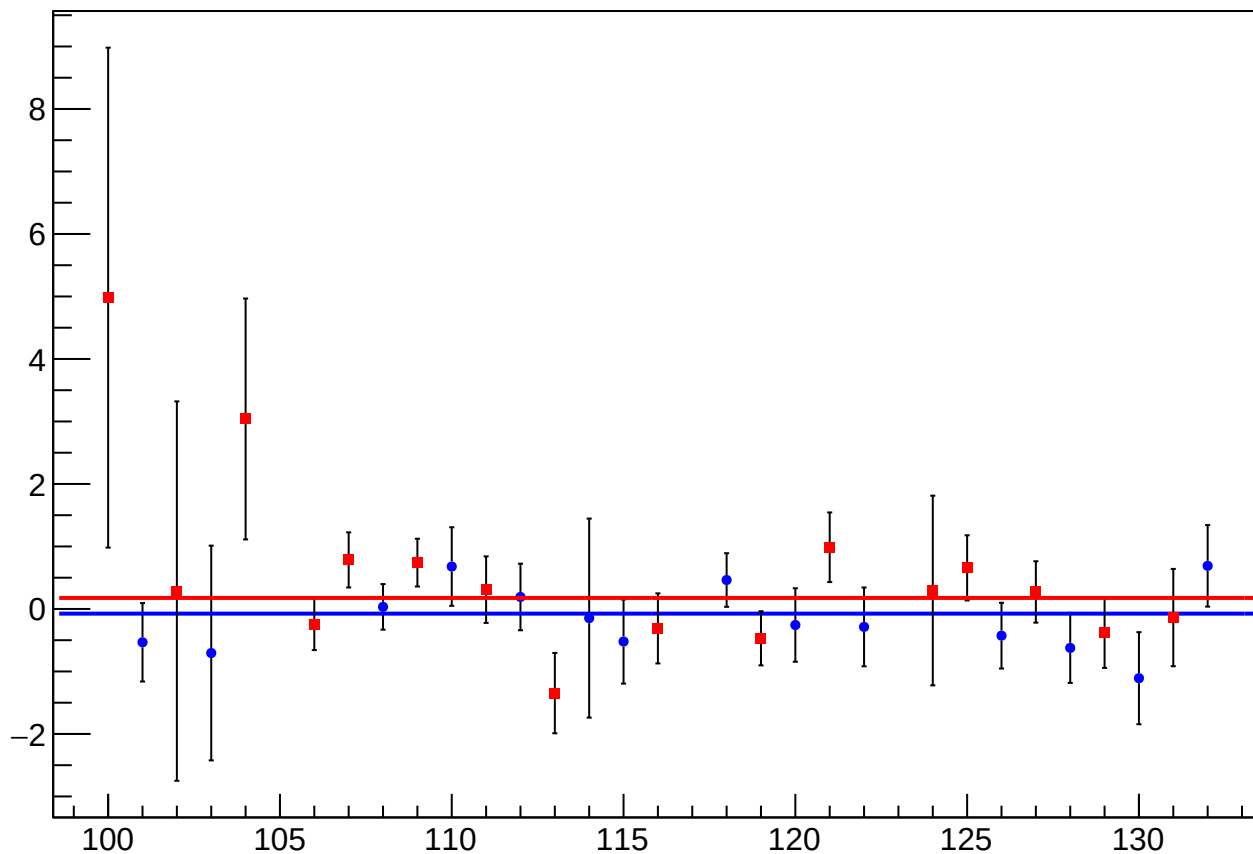
Right: 0.000+/-0.000 χ^2/NDF : 2562238.0/29

In: 0.000+/-0.000 χ^2/NDF : 1142797.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2562238.0/29

asym_atr2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.075+/-0.156 χ^2/NDF : 9.4/13

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

Right Out: 0.176+/-0.143 χ^2/NDF : 21.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

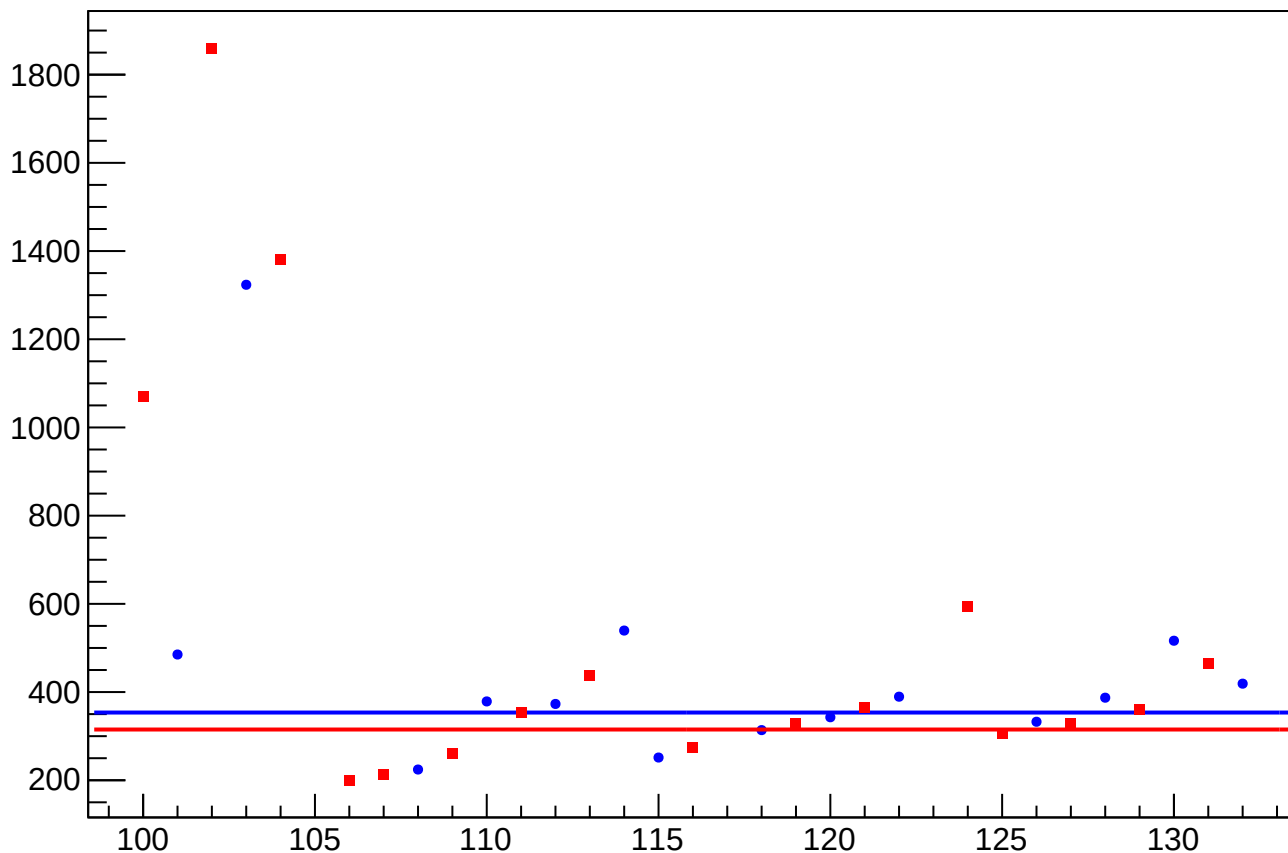
Right: 0.062+/-0.105 χ^2/NDF : 32.4/29

In: -0.075+/-0.156 χ^2/NDF :9.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.062+/-0.105 χ^2/NDF : 32.4/29

asym_atr2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 353.561+/-0.111 χ^2/NDF : 1208336.4/13

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

Right Out: 315.063+/-0.101 χ^2/NDF : 1770494.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

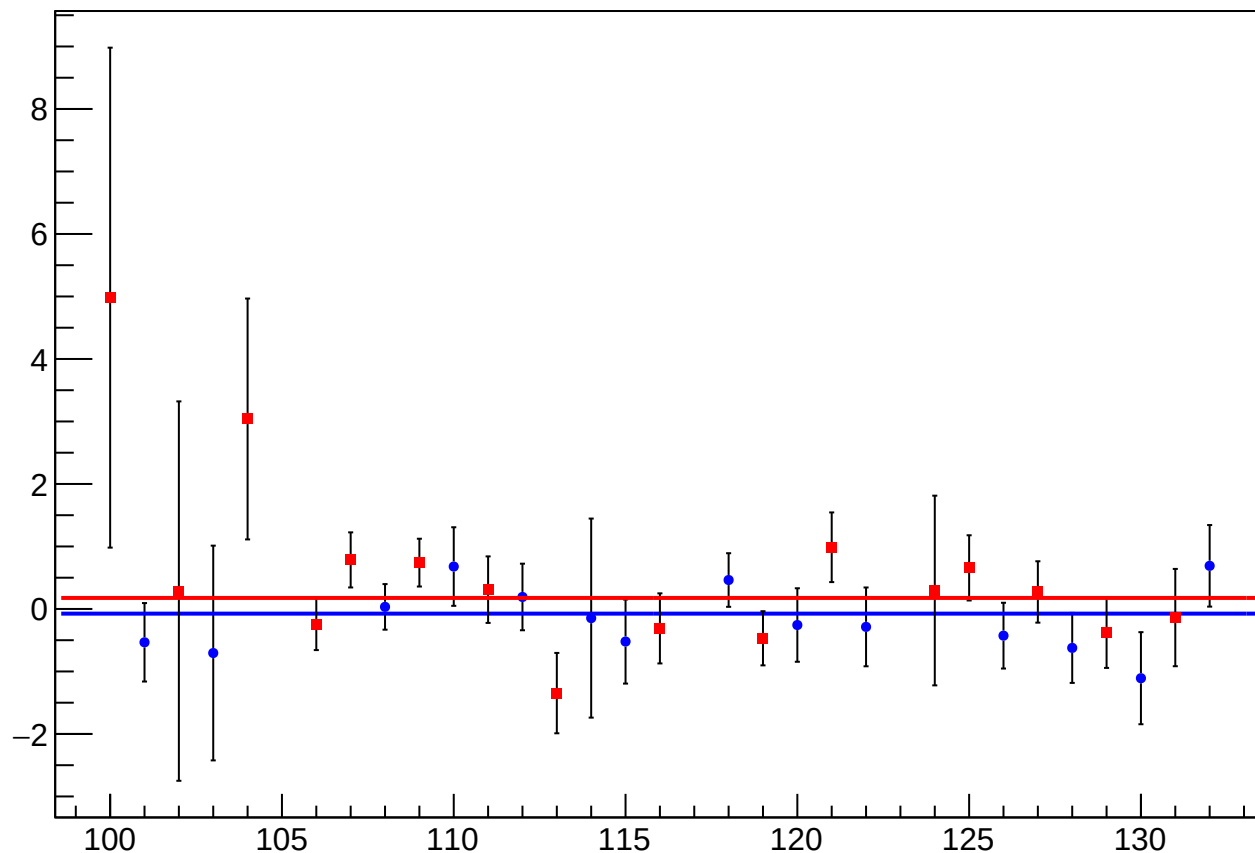
Right: 332.582+/-0.075 χ^2/NDF : 3044874.2/29

In: 353.561+/-0.111 χ^2/NDF :1208336.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 332.582+/-0.075 χ^2/NDF : 3044874.2/29

asym_atr2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.075 ± 0.156 χ^2/NDF : 9.4/13

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

Right Out: 0.176 ± 0.143 χ^2/NDF : 21.6/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

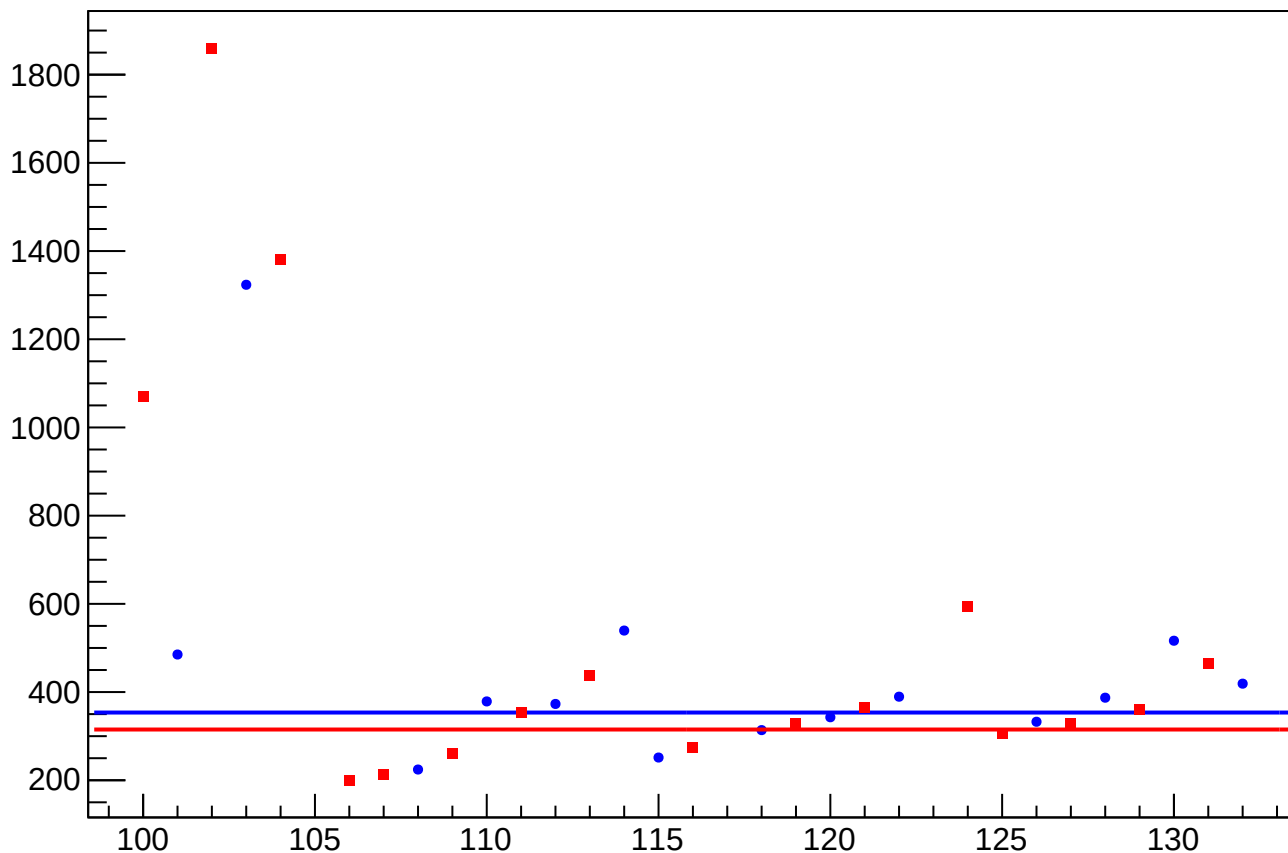
Right: 0.062 ± 0.105 χ^2/NDF : 32.4/29

In: -0.075 ± 0.156 χ^2/NDF : 9.4/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.062 ± 0.105 χ^2/NDF : 32.4/29

asym_atr2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 353.561+/-0.111 χ^2/NDF : 1208336.4/13

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

Right Out: 315.063+/-0.101 χ^2/NDF : 1770494.9/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

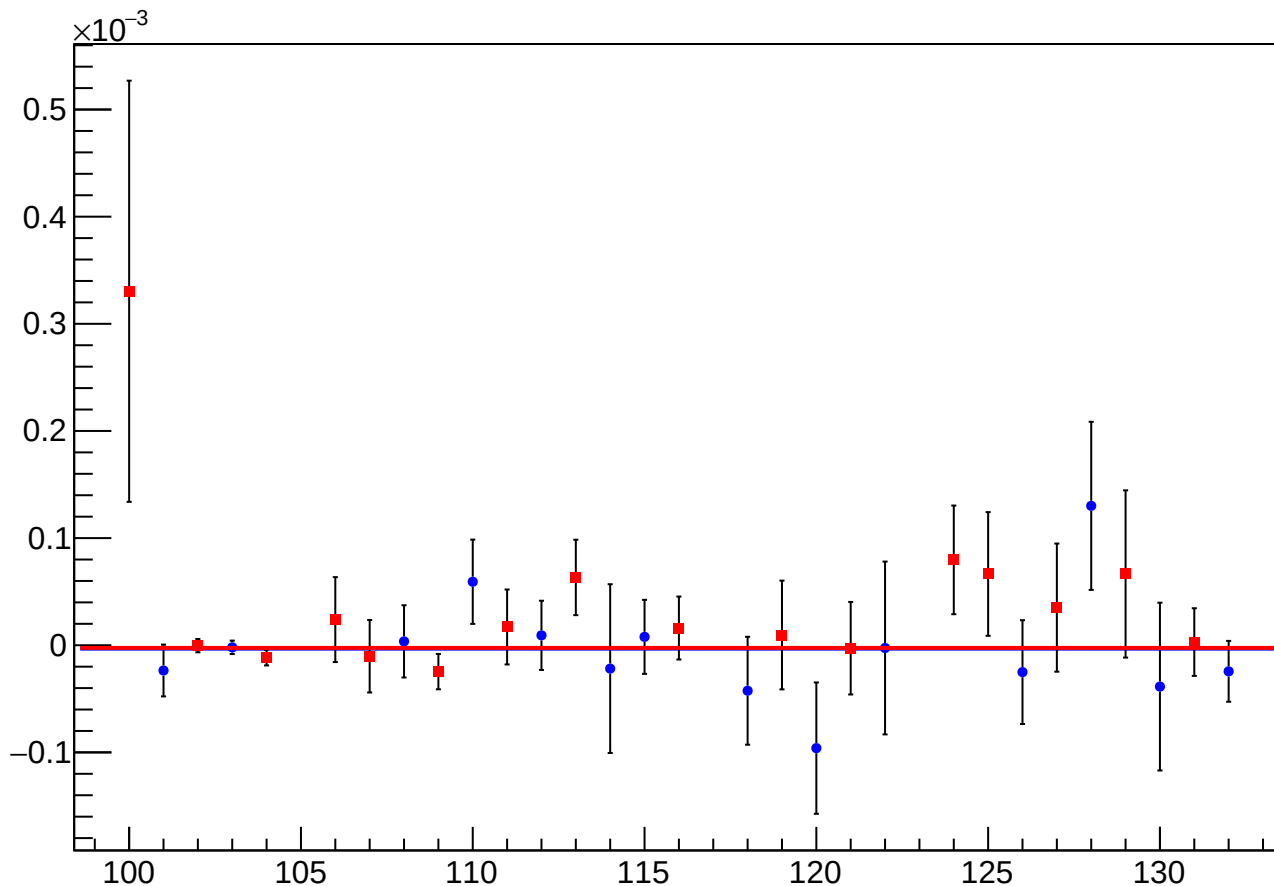
Right: 332.582+/-0.075 χ^2/NDF : 3044874.2/29

In: 353.561+/-0.111 χ^2/NDF : 1208336.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 332.582+/-0.075 χ^2/NDF : 3044874.2/29

asym_atr2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.4/13

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

Right Out: -0.000+/-0.000 χ^2/NDF : 16.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

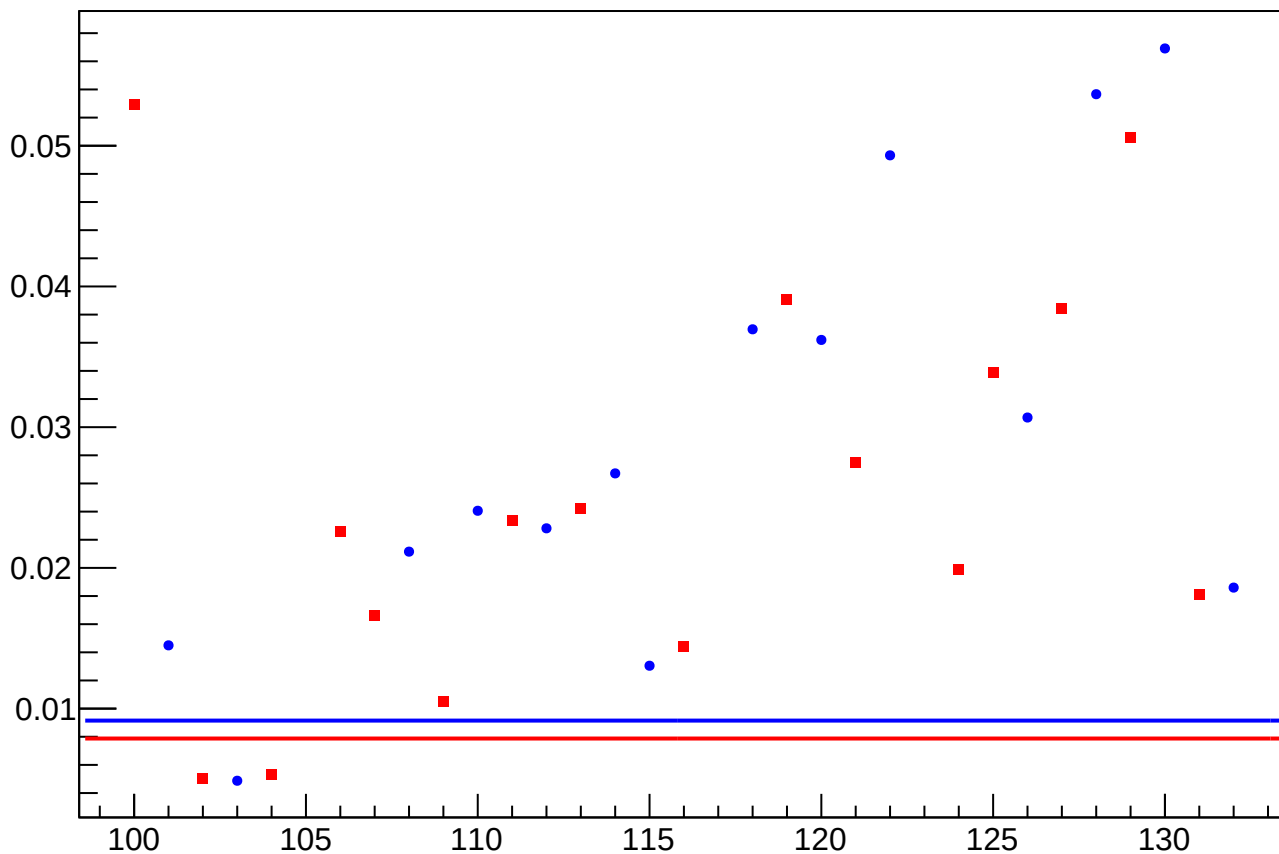
Right: -0.000+/-0.000 χ^2/NDF : 26.7/29

In: -0.000+/-0.000 χ^2/NDF : 10.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.7/29

asym_atr2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 5552219.4/13

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

Right Out: 0.008+/-0.000 χ^2/NDF : 5176825.7/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

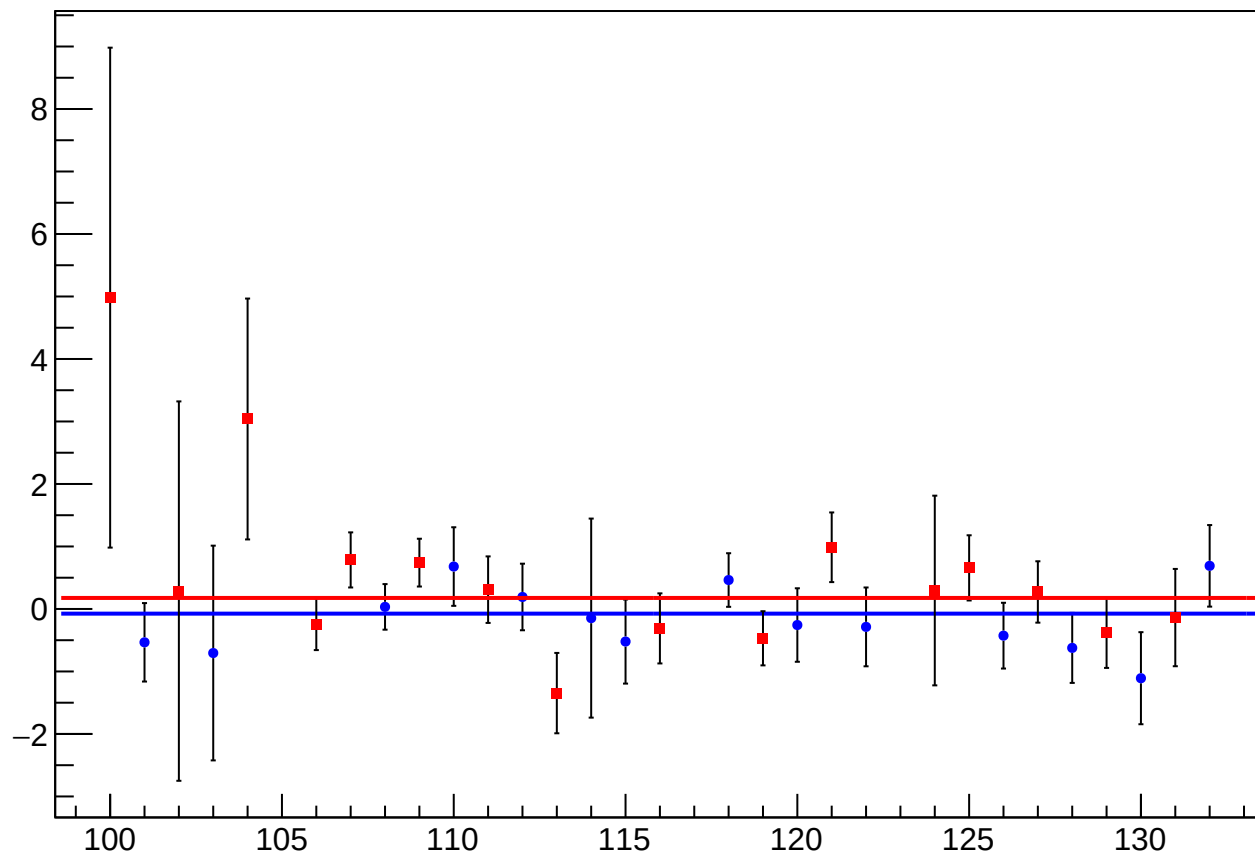
Right: 0.008+/-0.000 χ^2/NDF : 10796827.6/29

In: 0.009+/-0.000 χ^2/NDF : 5552219.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 10796827.6/29

asym_atr2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.075+/-0.156 χ^2/NDF : 9.4/13

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

Right Out: 0.176+/-0.143 χ^2/NDF : 21.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

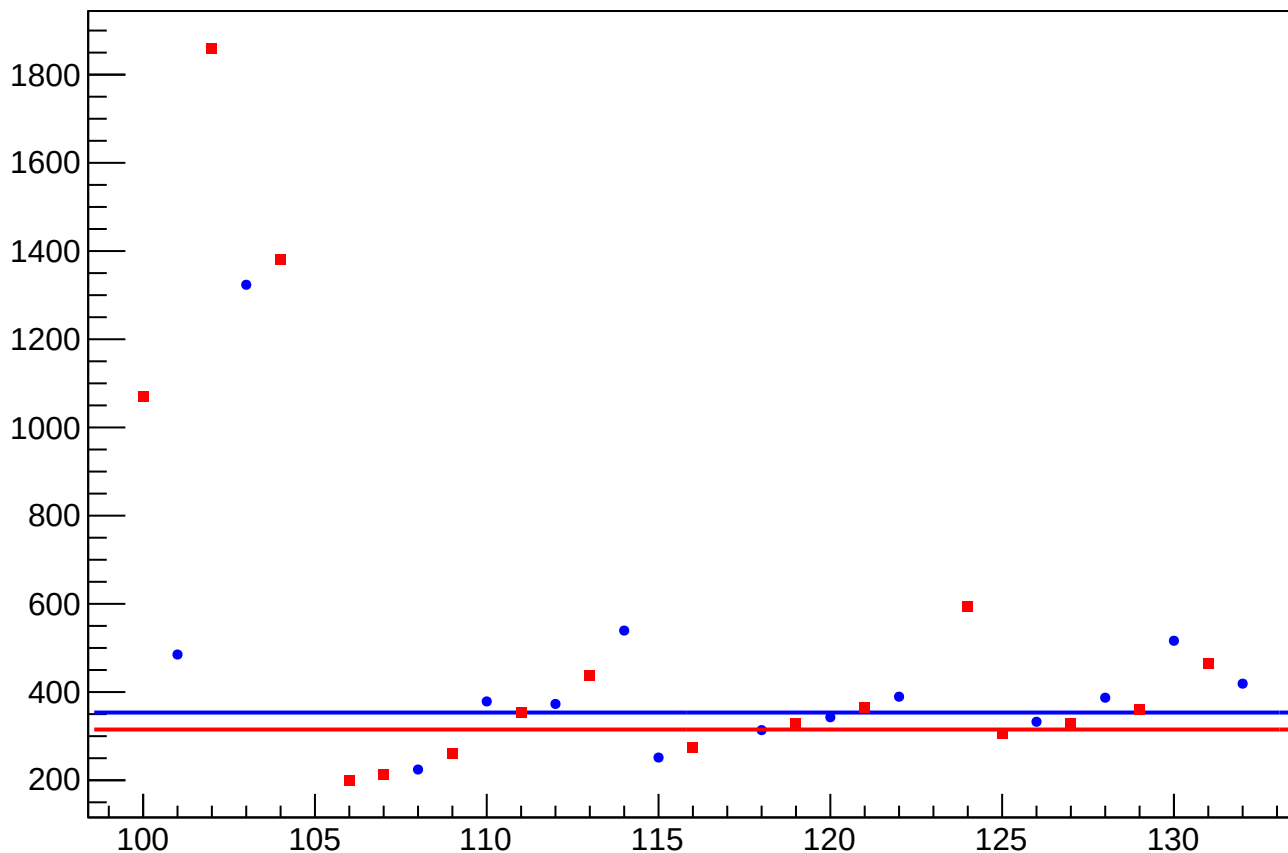
Right: 0.062+/-0.105 χ^2/NDF : 32.4/29

In: -0.075+/-0.156 χ^2/NDF :9.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.062+/-0.105 χ^2/NDF : 32.4/29

asym_atr2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 353.557+/-0.111 χ^2/NDF : 1208325.0/13

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

Right Out: 315.061+/-0.101 χ^2/NDF : 1770473.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

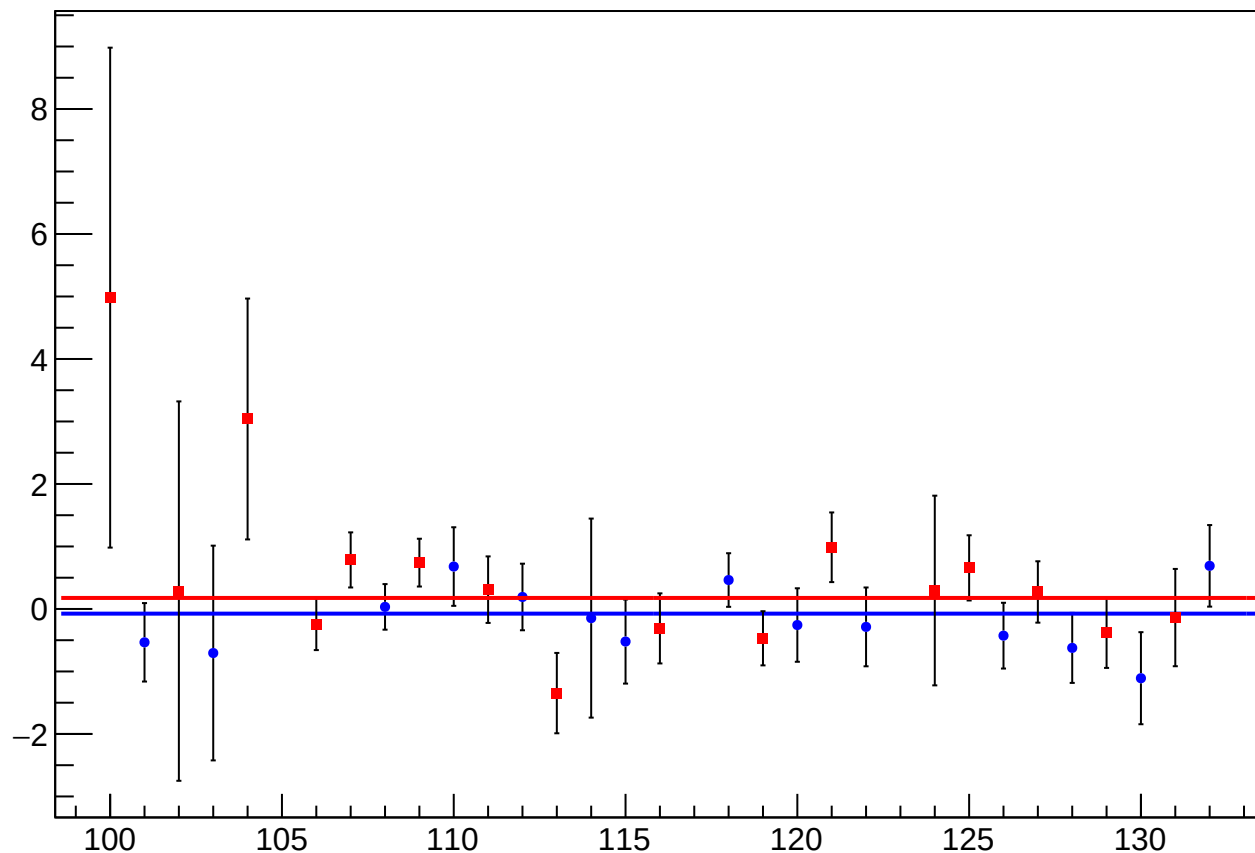
Right: 332.579+/-0.075 χ^2/NDF : 3044833.5/29

In: 353.557+/-0.111 χ^2/NDF : 1208325.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 332.579+/-0.075 χ^2/NDF : 3044833.5/29

asym_atr2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.075 ± 0.156 χ^2/NDF : 9.4/13

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

Right Out: 0.176 ± 0.143 χ^2/NDF : 21.6/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

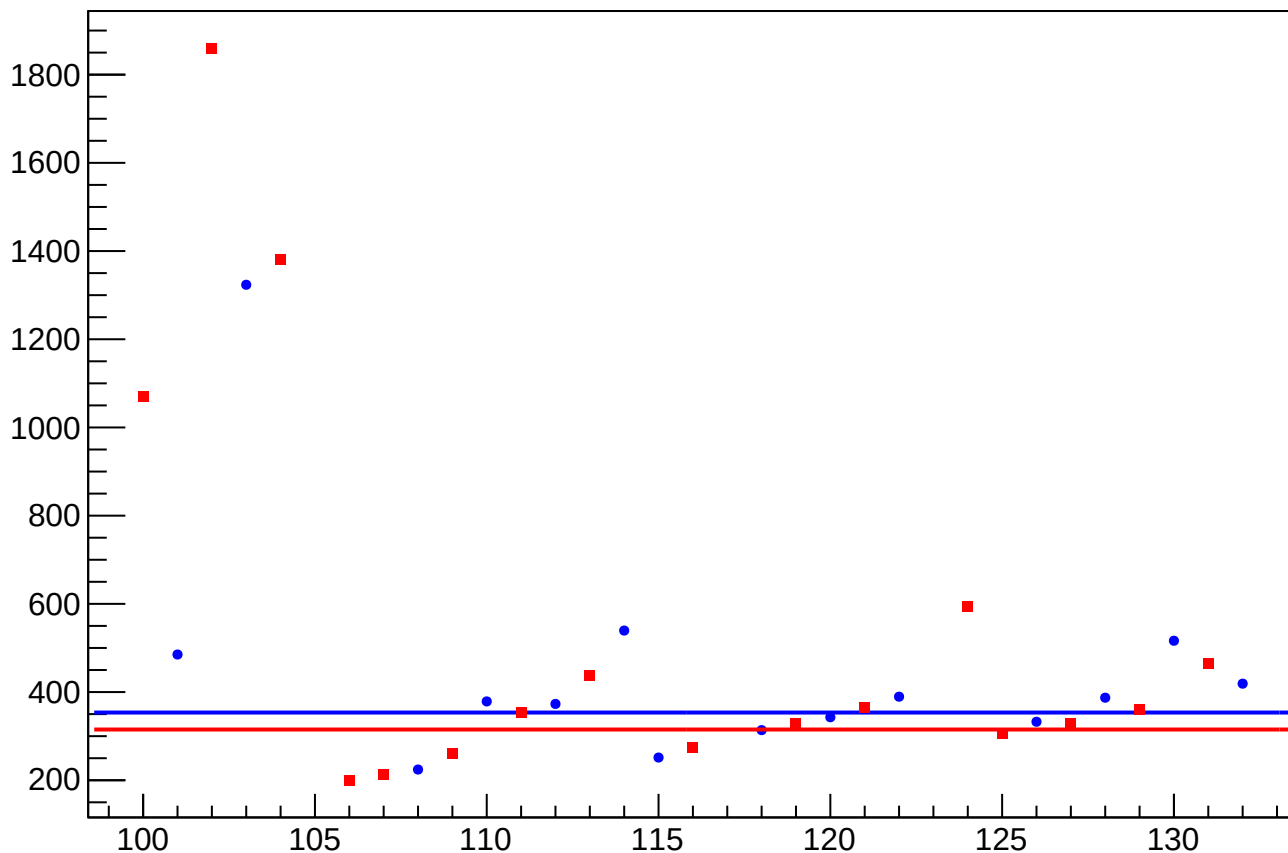
Right: 0.062 ± 0.105 χ^2/NDF : 32.4/29

In: -0.075 ± 0.156 χ^2/NDF : 9.4/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.062 ± 0.105 χ^2/NDF : 32.4/29

asym_atr2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 353.557+/-0.111 χ^2/NDF : 1208325.0/13

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

Right Out: 315.061+/-0.101 χ^2/NDF : 1770473.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

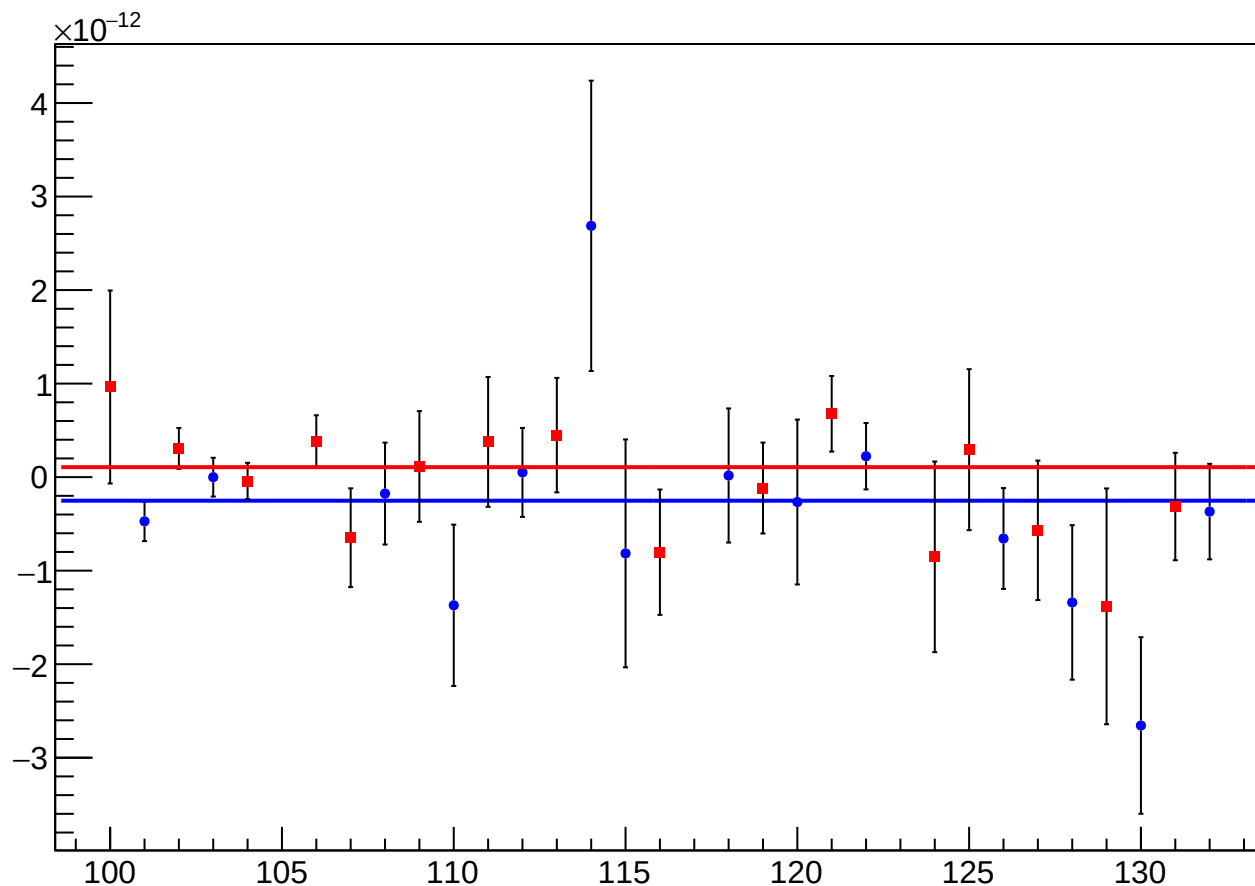
Right: 332.579+/-0.075 χ^2/NDF : 3044833.5/29

In: 353.557+/-0.111 χ^2/NDF : 1208325.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 332.579+/-0.075 χ^2/NDF : 3044833.5/29

asym_atr2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 19.2/13

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

Right Out: 0.000+/-0.000 χ^2/NDF : 13.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

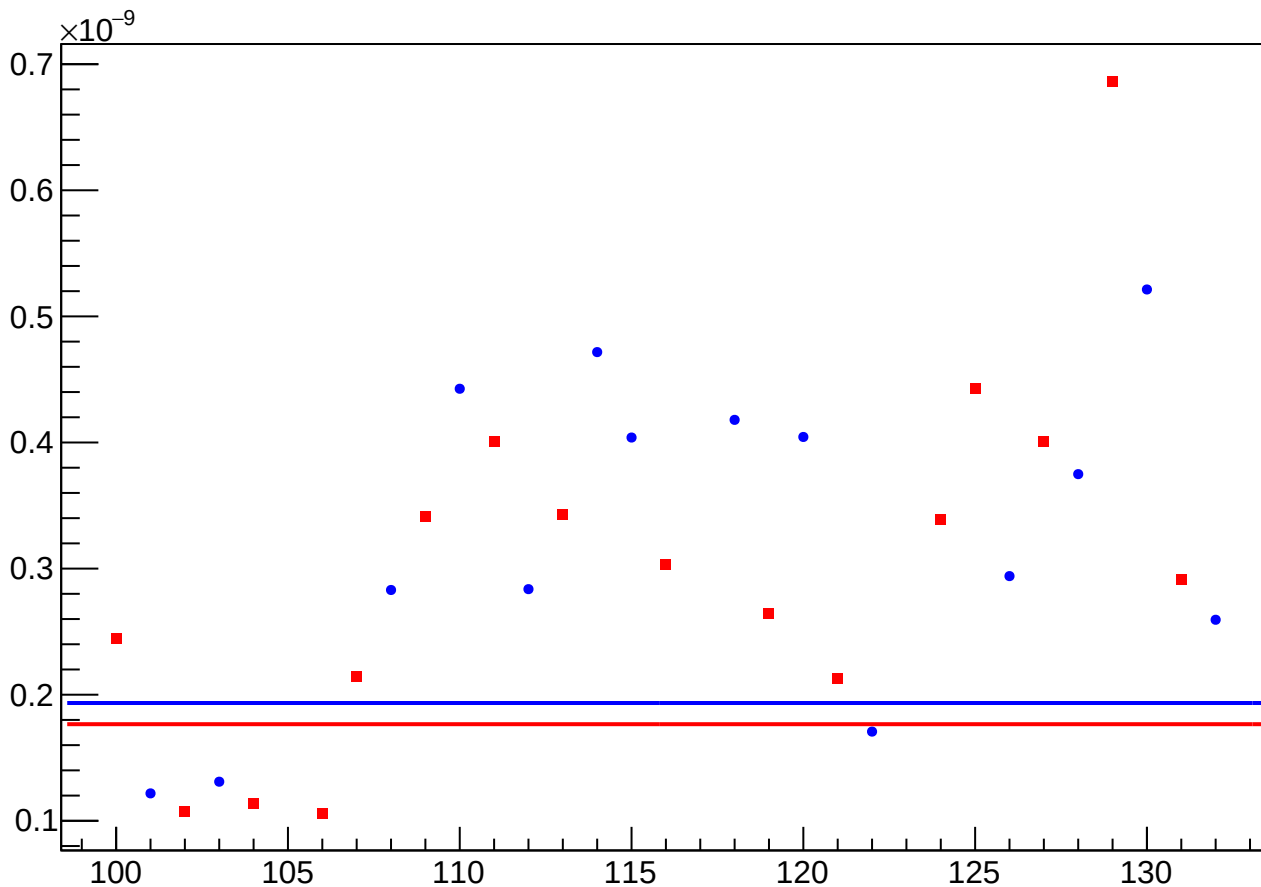
Right: -0.000+/-0.000 χ^2/NDF : 38.0/29

In: -0.000+/-0.000 χ^2/NDF : 19.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 38.0/29

asym_atr2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1587813.3/13

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2051764.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

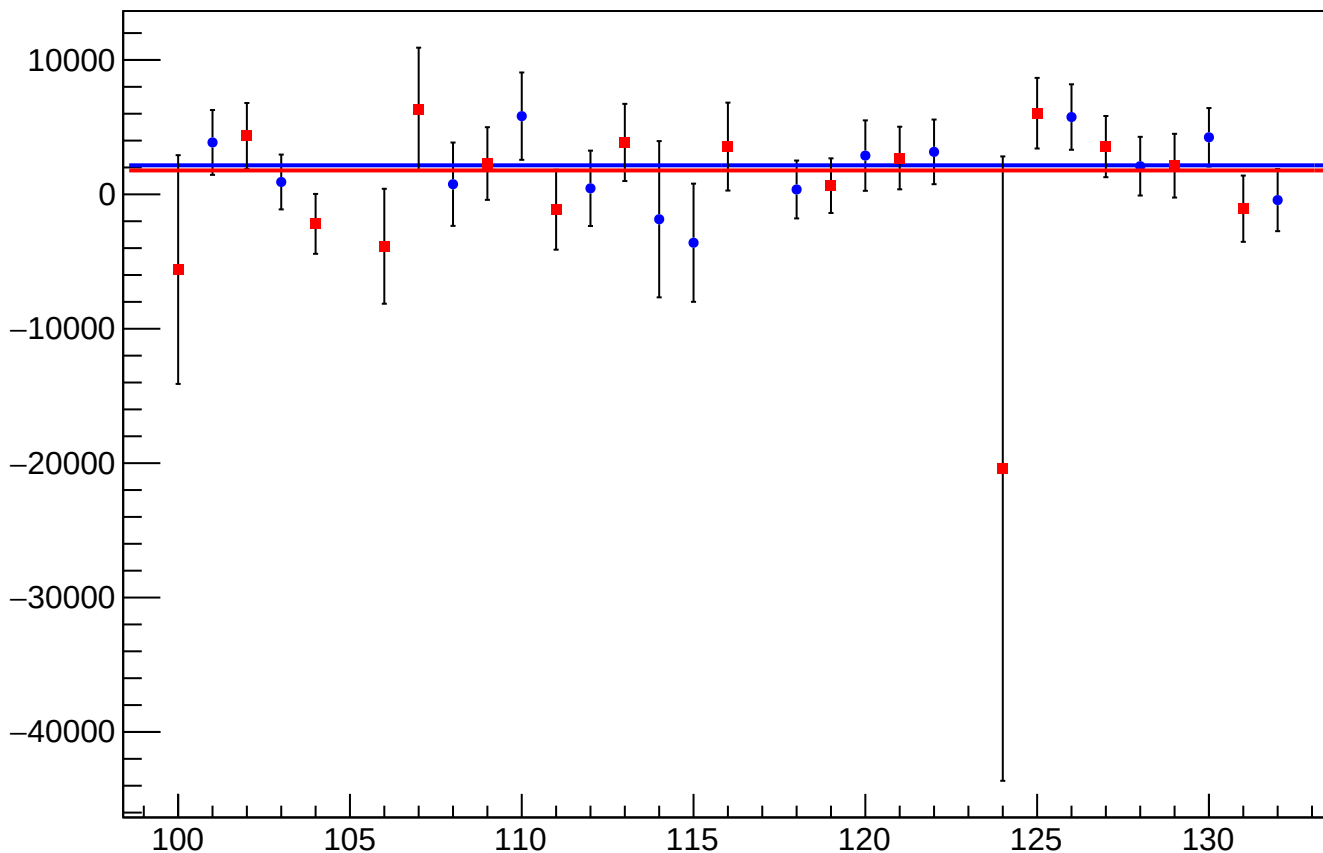
Right: 0.000+/-0.000 χ^2/NDF : 3663328.0/29

In: 0.000+/-0.000 χ^2/NDF : 1587813.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3663328.0/29

reg_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2160.493+/-685.105 χ^2/NDF : 10.2/13

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

Right Out: 1779.579+/-697.178 χ^2/NDF : 15.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

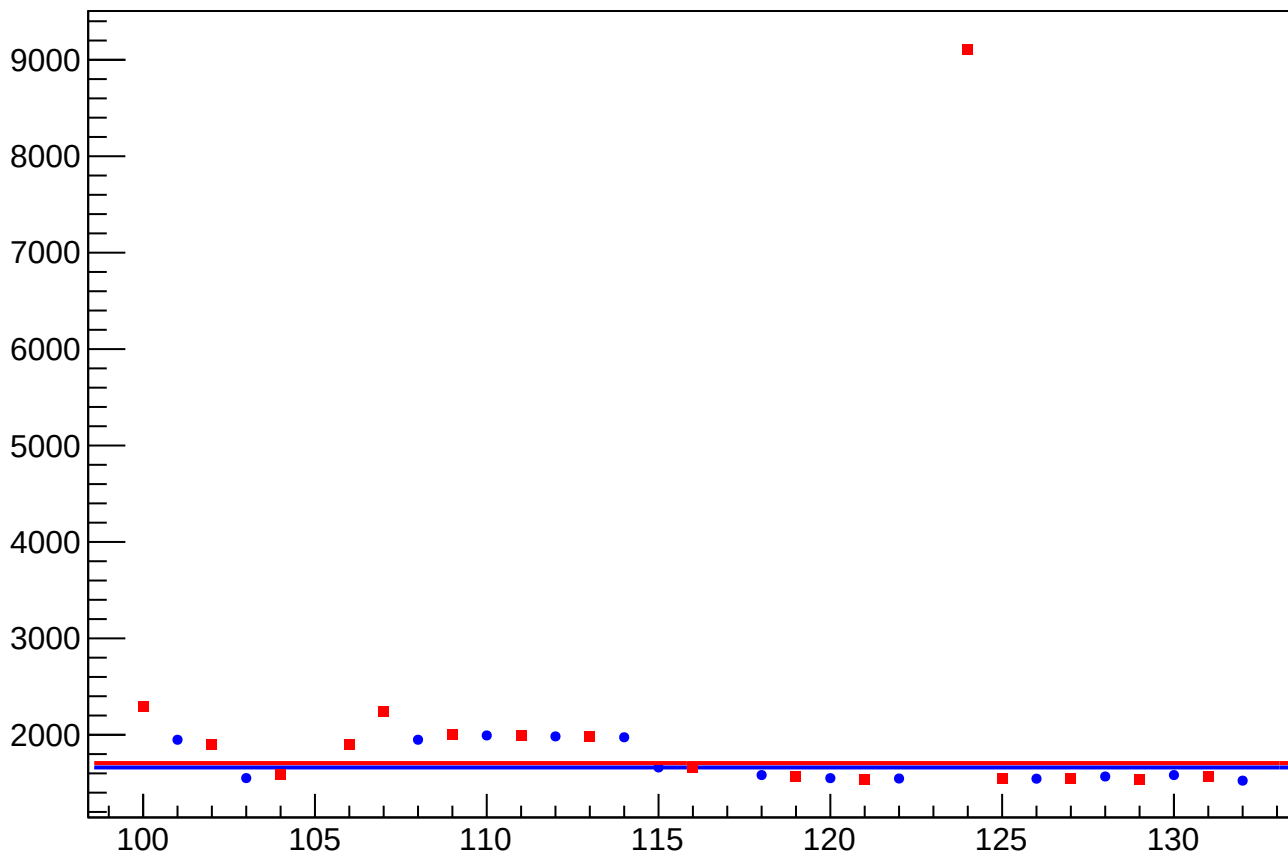
Right: 1973.363+/-488.655 χ^2/NDF : 25.9/29

In: 2160.493+/-685.105 χ^2/NDF : 10.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1973.363+/-488.655 χ^2/NDF : 25.9/29

reg_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1661.449+/-0.484 χ^2/NDF : 133142.0/13

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

Right Out: 1707.053+/-0.490 χ^2/NDF : 378133.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

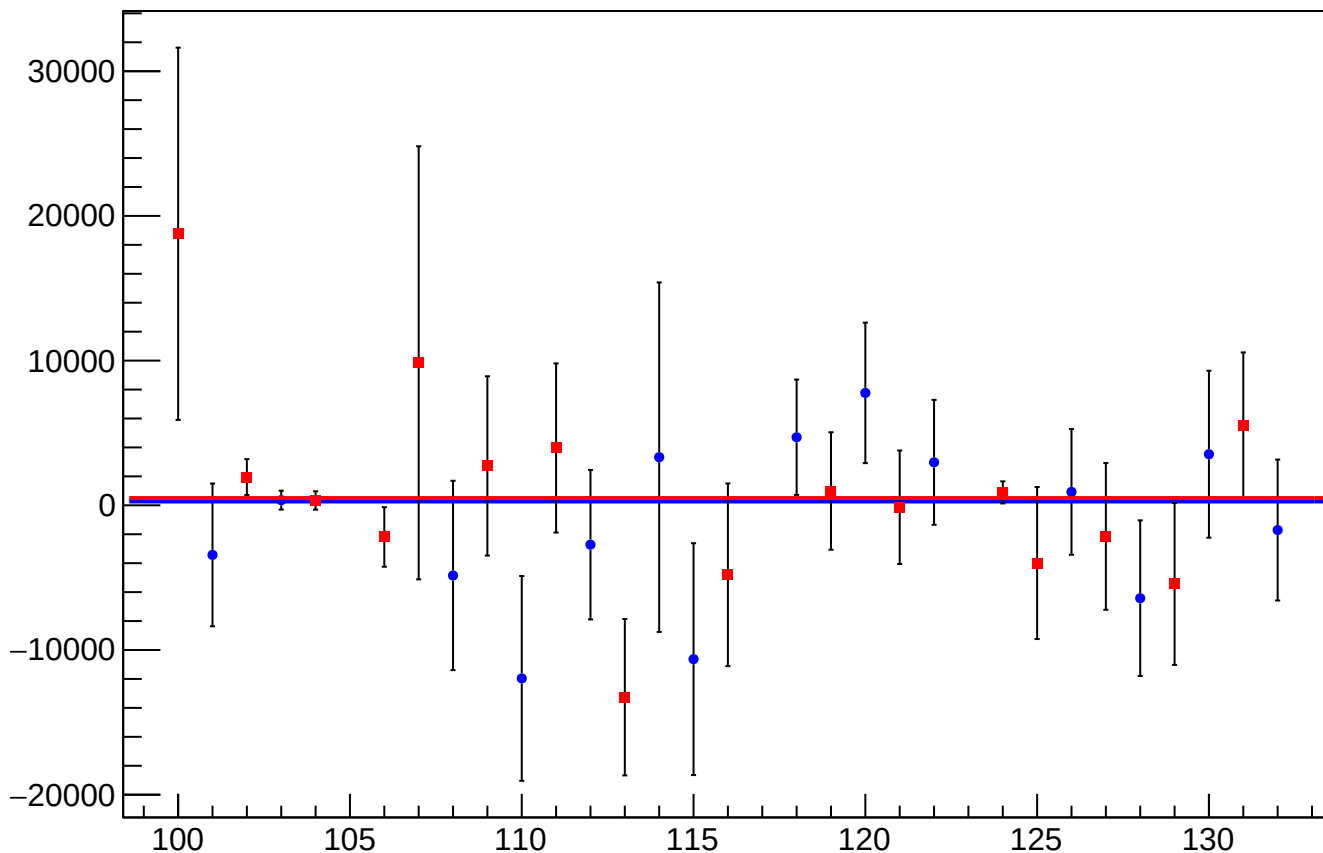
Right: 1683.980+/-0.345 χ^2/NDF : 515653.5/29

In: 1661.449+/-0.484 χ^2/NDF : 133142.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1683.980+/-0.345 χ^2/NDF : 515653.5/29

asym_atl_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 264.510 $\pm$ 597.475 χ^2 /NDF: 12.5/13

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

Right Out: 502.239 $\pm$ 426.898 χ^2 /NDF: 16.7/15

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

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

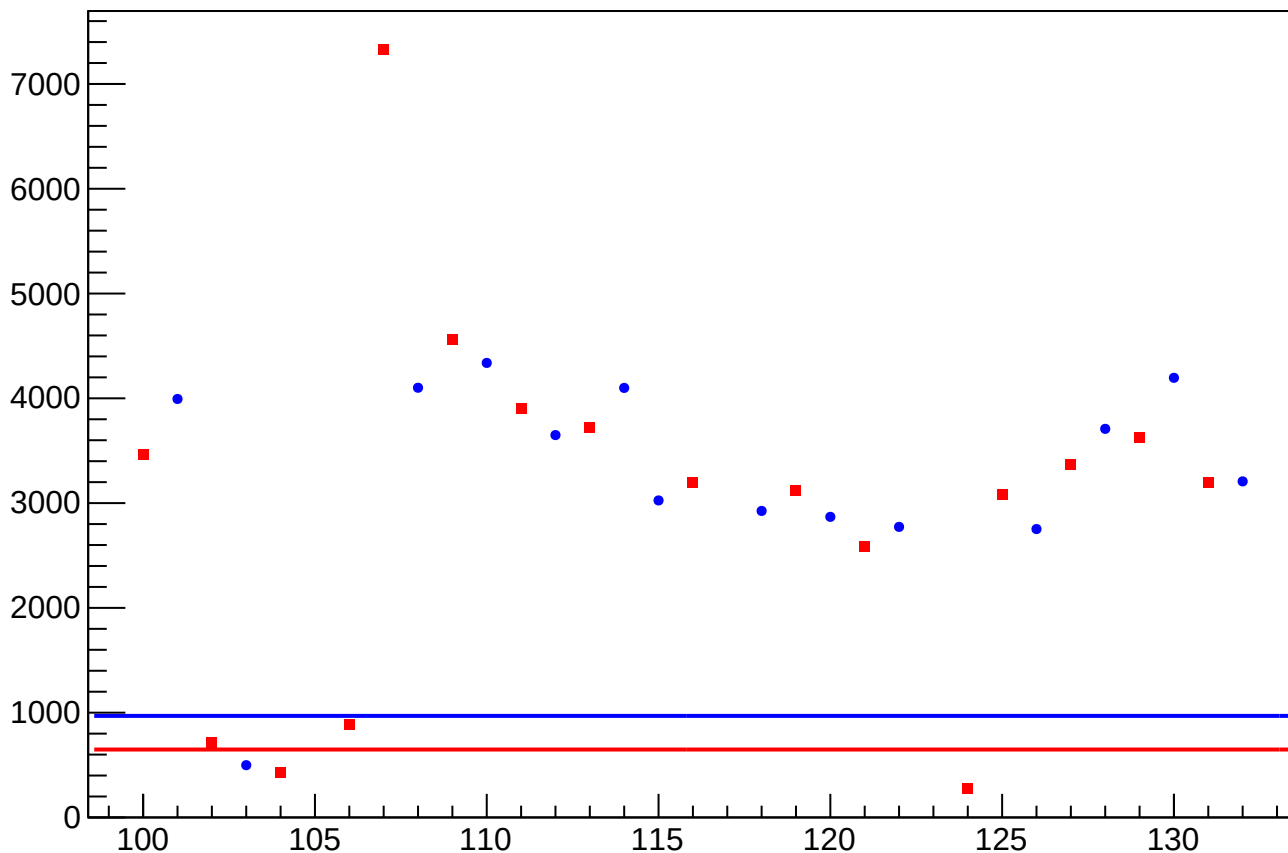
Right: 421.893 $\pm$ 347.345 χ^2 /NDF: 29.3/29

In: 264.510 $\pm$ 597.475 χ^2 /NDF:12.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 421.893 $\pm$ 347.345 χ^2 /NDF: 29.3/29

asym_atl_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 969.306+/-0.422 χ^2/NDF : 6543755.7/13

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

Right Out: 648.265+/-0.302 χ^2/NDF : 6936518.2/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

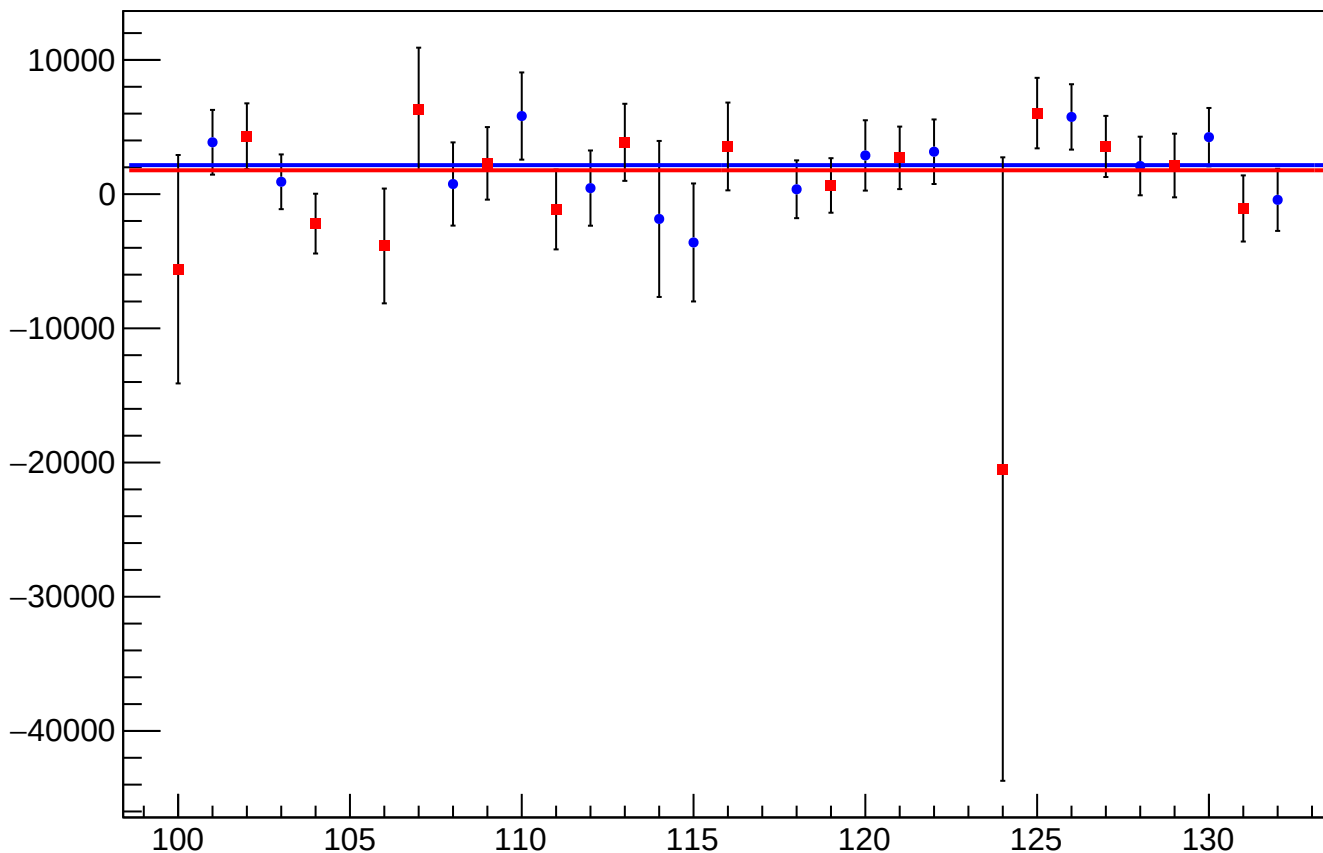
Right: 756.769+/-0.246 χ^2/NDF : 13862557.2/29

In: 969.306+/-0.422 χ^2/NDF : 6543755.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 756.769+/-0.246 χ^2/NDF : 13862557.2/29

cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2160.693+/-685.105 χ^2/NDF : 10.2/13

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

Right Out: 1776.628+/-697.185 χ^2/NDF : 15.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

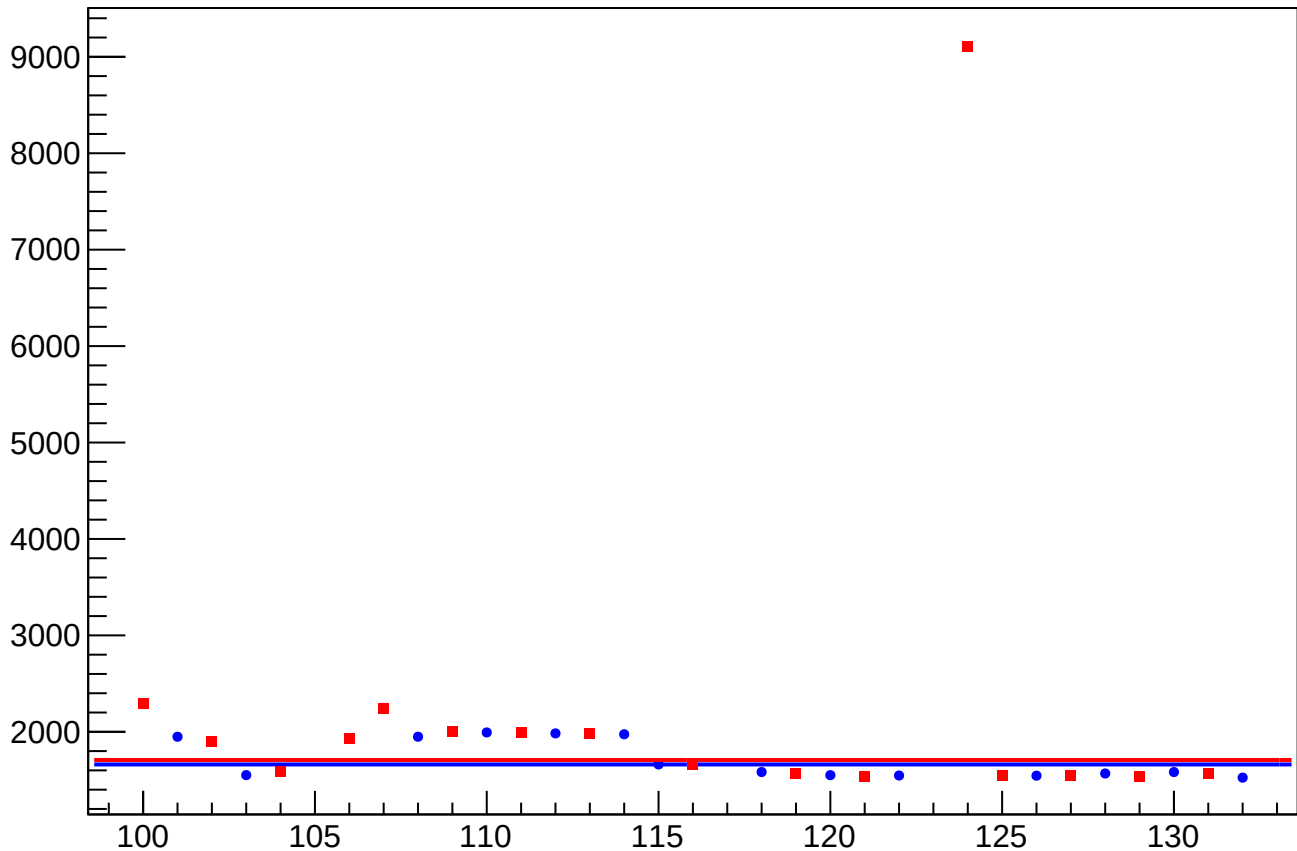
Right: 1972.017+/-488.657 χ^2/NDF : 25.9/29

In: 2160.693+/-685.105 χ^2/NDF : 10.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1972.017+/-488.657 χ^2/NDF : 25.9/29

cor_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1661.449+/-0.484 χ^2/NDF : 133142.0/13

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

Right Out: 1708.021+/-0.491 χ^2/NDF : 379967.2/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

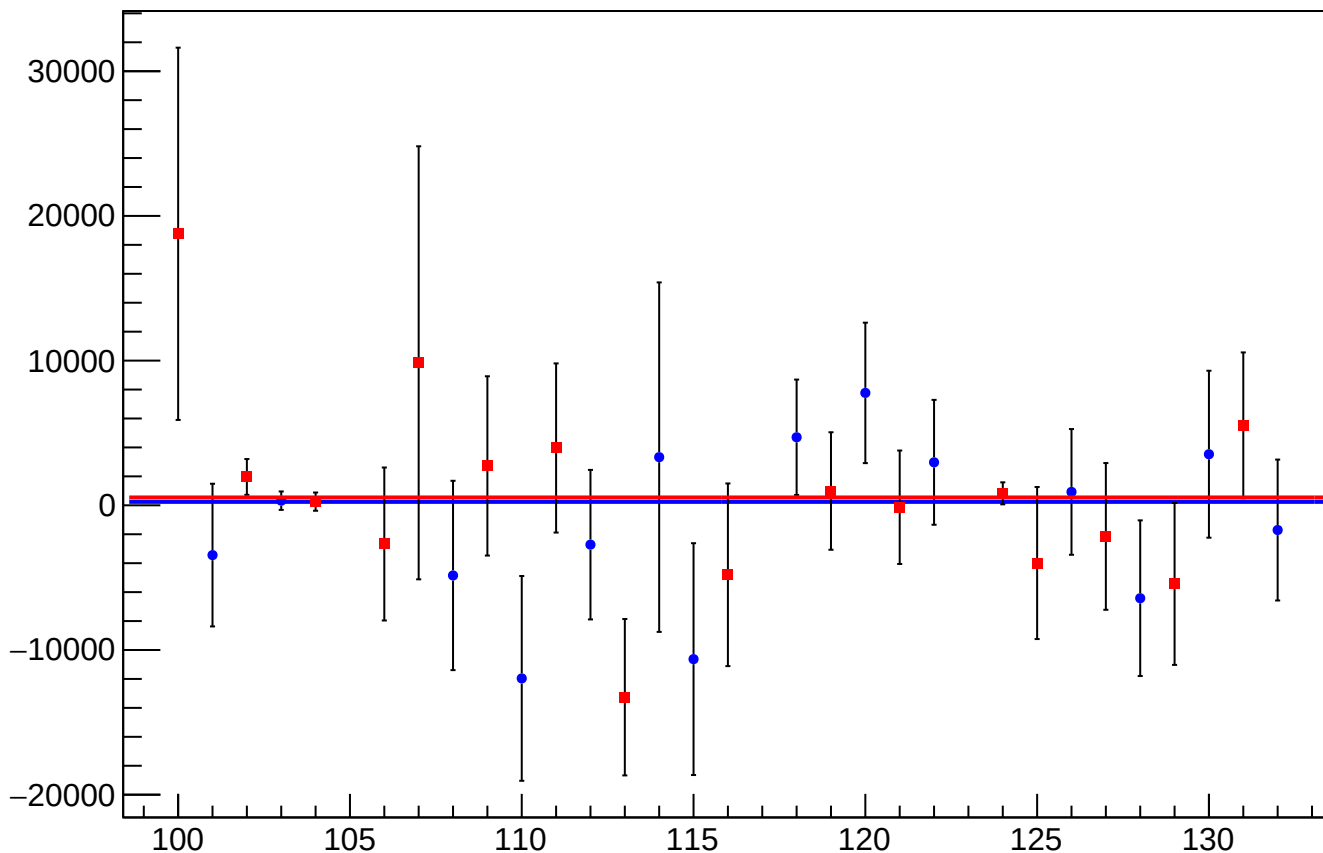
Right: 1684.445+/-0.345 χ^2/NDF : 517672.6/29

In: 1661.449+/-0.484 χ^2/NDF : 133142.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1684.445+/-0.345 χ^2/NDF : 517672.6/29

asym_atl_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 238.351+/-584.864 χ^2/NDF : 12.5/13

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

Right Out: 542.493+/-432.825 χ^2/NDF : 15.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

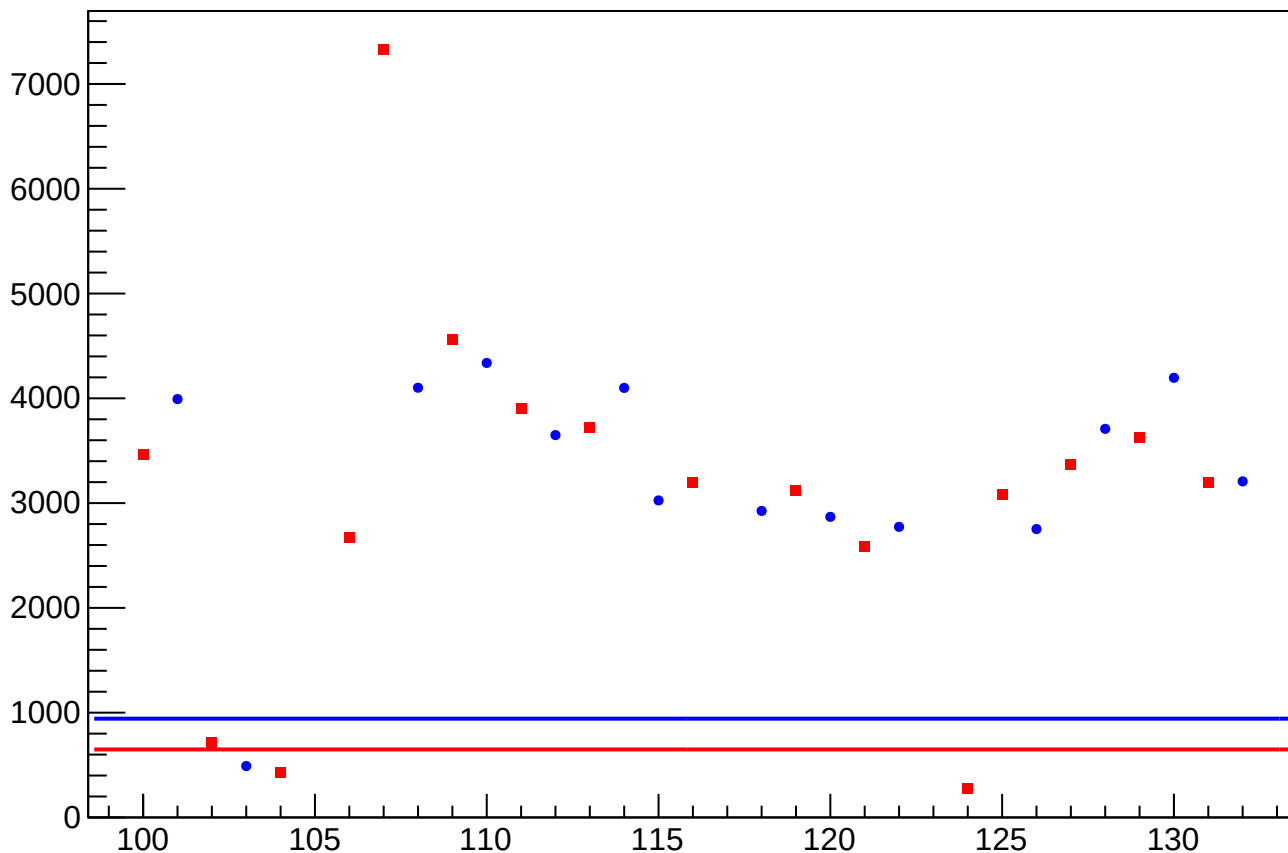
Right: 434.867+/-347.916 χ^2/NDF : 28.0/29

In: 238.351+/-584.864 χ^2/NDF : 12.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 434.867+/-347.916 χ^2/NDF : 28.0/29

asym_atl_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 942.812+/-0.414 χ^2/NDF : 6631591.3/13

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

Right Out: 648.916+/-0.306 χ^2/NDF : 7216380.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

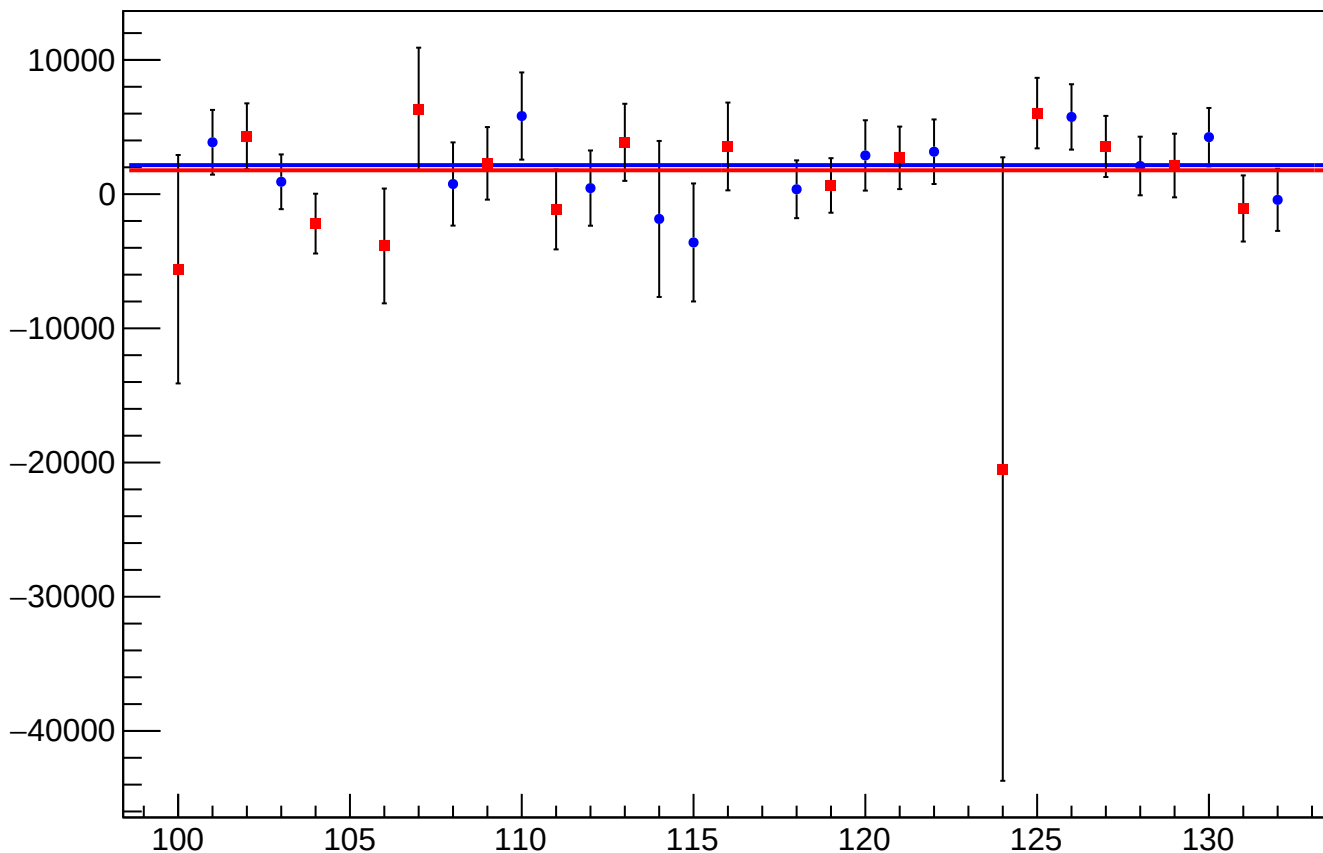
Right: 752.916+/-0.246 χ^2/NDF : 14174281.4/29

In: 942.812+/-0.414 χ^2/NDF :6631591.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 752.916+/-0.246 χ^2/NDF : 14174281.4/29

eigen_cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2160.693 $\pm$ 685.105 χ^2 /NDF: 10.2/13

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

Right Out: 1776.628 $\pm$ 697.185 χ^2 /NDF: 15.5/15

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

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

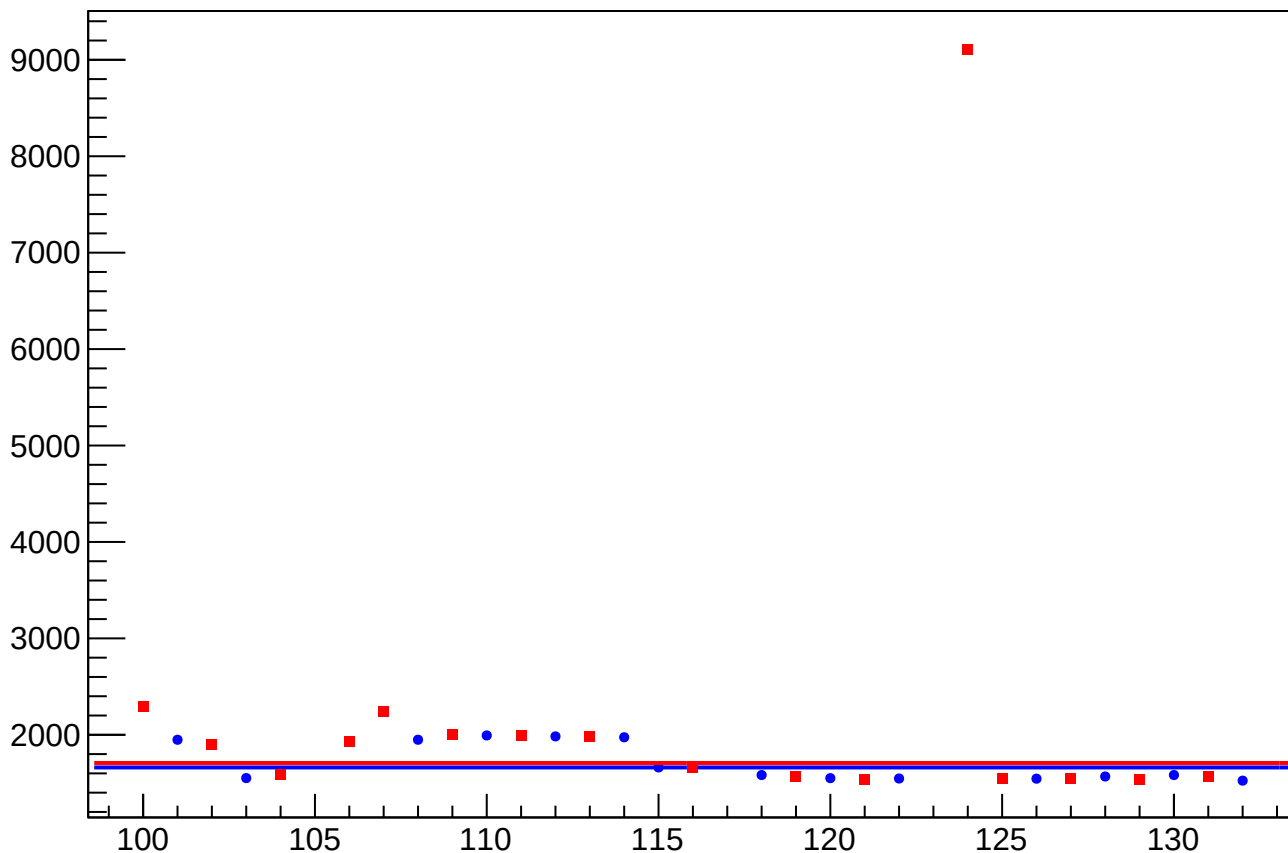
Right: 1972.017 $\pm$ 488.657 χ^2 /NDF: 25.9/29

In: 2160.693 $\pm$ 685.105 χ^2 /NDF:10.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1972.017 $\pm$ 488.657 χ^2 /NDF: 25.9/29

eigen_cor_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1661.449+/-0.484 χ^2/NDF : 133142.0/13

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

Right Out: 1708.021+/-0.491 χ^2/NDF : 379967.2/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

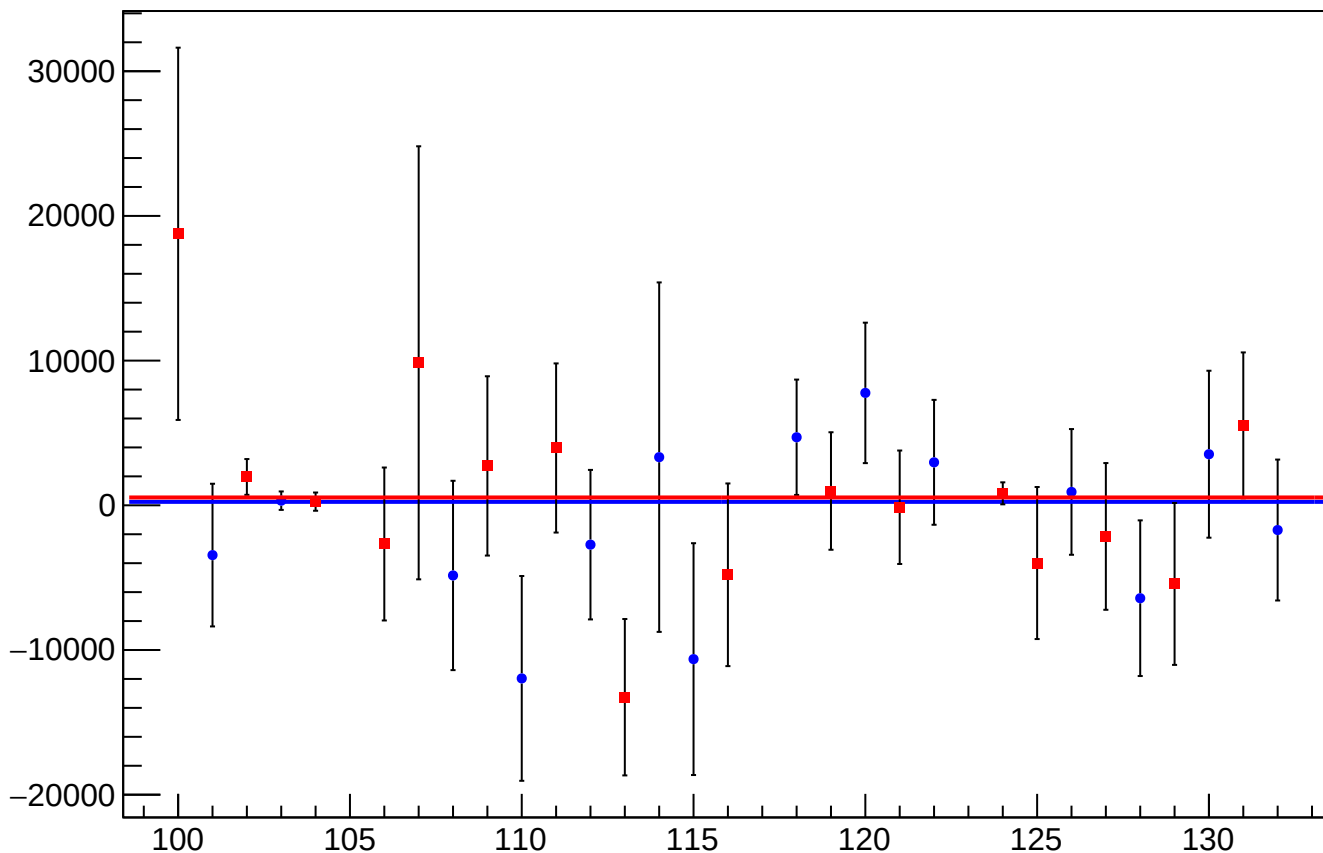
Right: 1684.445+/-0.345 χ^2/NDF : 517672.6/29

In: 1661.449+/-0.484 χ^2/NDF : 133142.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1684.445+/-0.345 χ^2/NDF : 517672.6/29

asym_atl_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 238.351+/-584.864 χ^2/NDF : 12.5/13

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

Right Out: 542.493+/-432.825 χ^2/NDF : 15.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

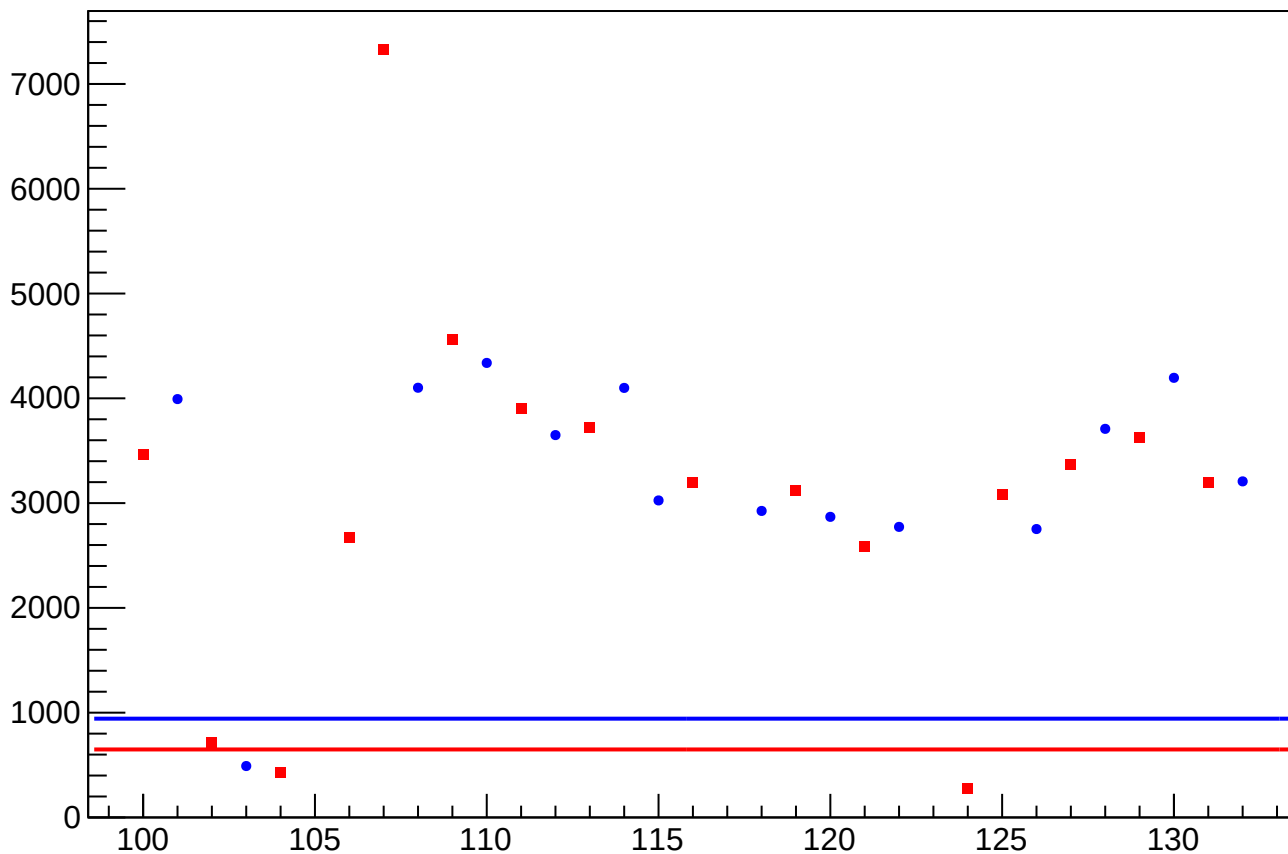
Right: 434.867+/-347.916 χ^2/NDF : 28.0/29

In: 238.351+/-584.864 χ^2/NDF : 12.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 434.867+/-347.916 χ^2/NDF : 28.0/29

asym_atl_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 942.812+/-0.414 χ^2/NDF : 6631591.3/13

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

Right Out: 648.916+/-0.306 χ^2/NDF : 7216380.3/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

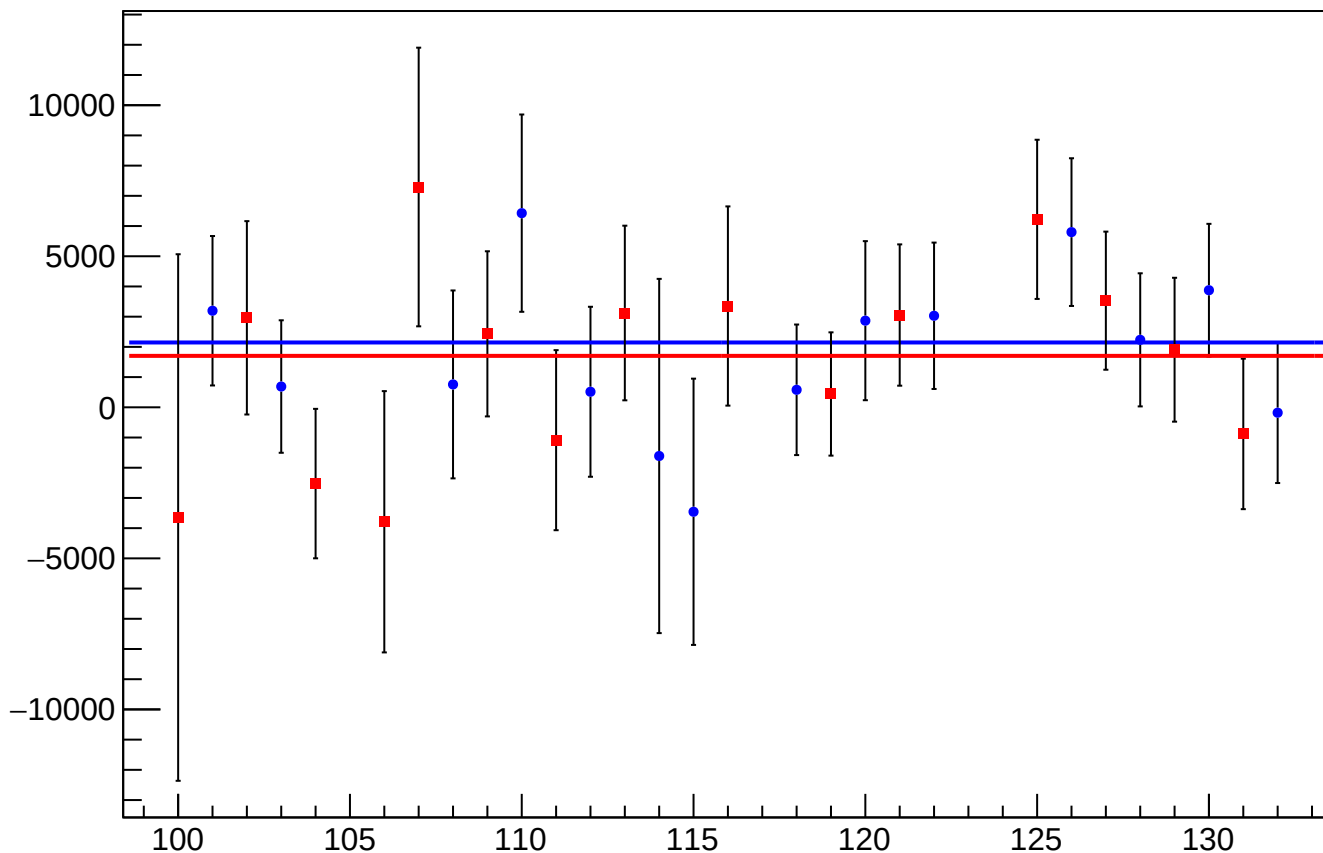
Right: 752.916+/-0.246 χ^2/NDF : 14174281.4/29

In: 942.812+/-0.414 χ^2/NDF : 6631591.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 752.916+/-0.246 χ^2/NDF : 14174281.4/29

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2146.077+/-695.118 χ^2/NDF : 9.5/13

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

Right Out: 1702.768+/-720.006 χ^2/NDF : 13.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

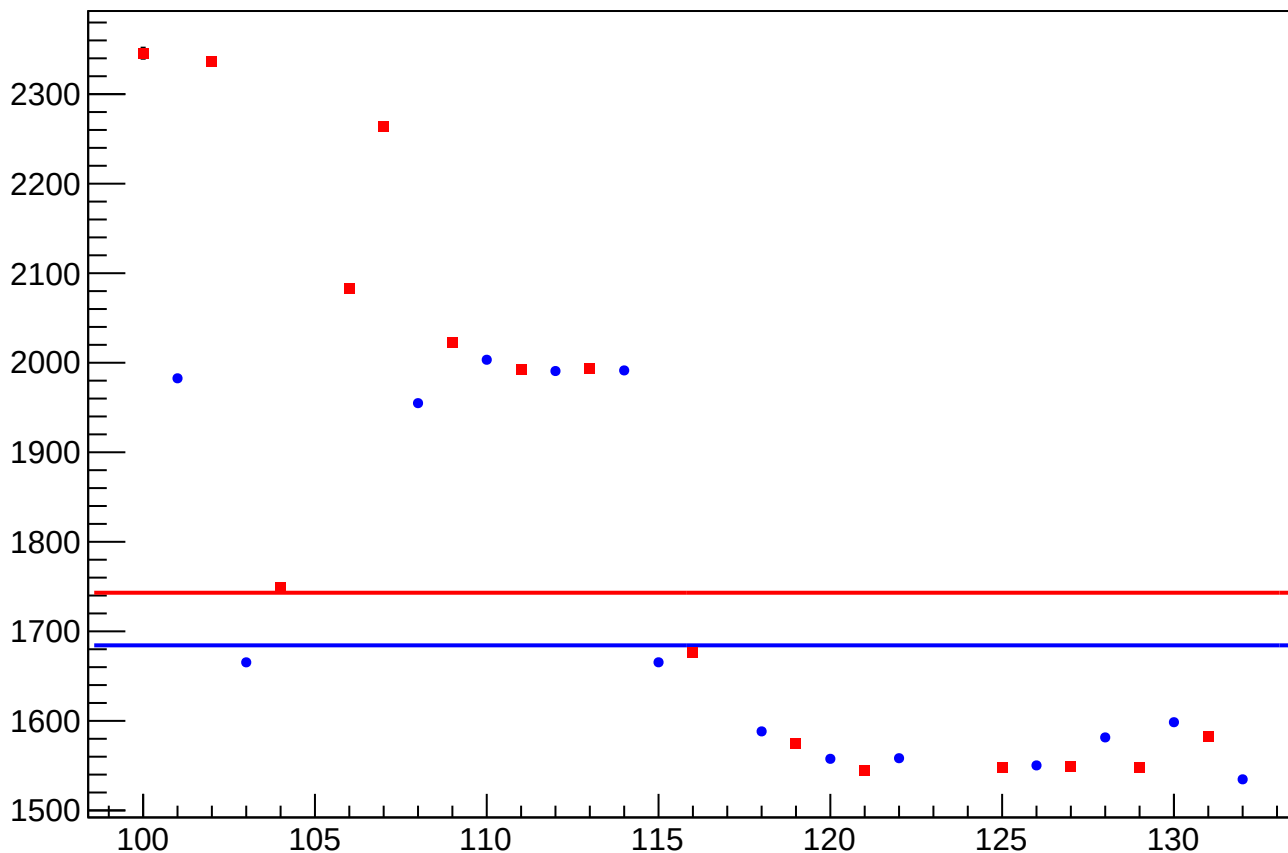
Right: 1932.216+/-500.090 χ^2/NDF : 23.0/28

In: 2146.077+/-695.118 χ^2/NDF : 9.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1932.216+/-500.090 χ^2/NDF : 23.0/28

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1684.359+/-0.492 χ^2/NDF : 128400.6/13

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

Right Out: 1743.122+/-0.508 χ^2/NDF : 244559.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

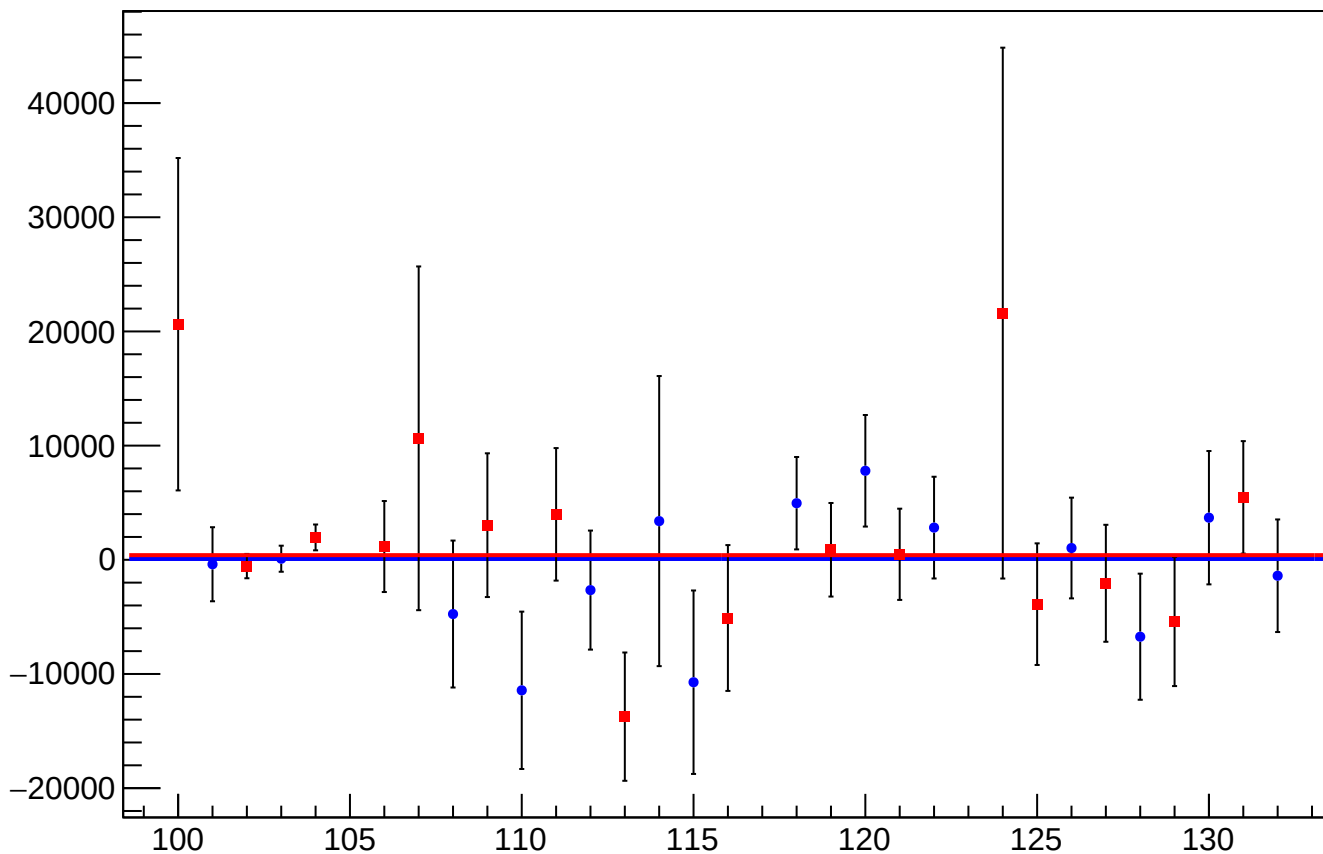
Right: 1712.787+/-0.353 χ^2/NDF : 379874.6/28

In: 1684.359+/-0.492 χ^2/NDF : 128400.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1712.787+/-0.353 χ^2/NDF : 379874.6/28

asym_atl_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 71.249+/-885.786 χ^2/NDF : 11.9/13

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

Right Out: 406.961+/-687.538 χ^2/NDF : 16.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

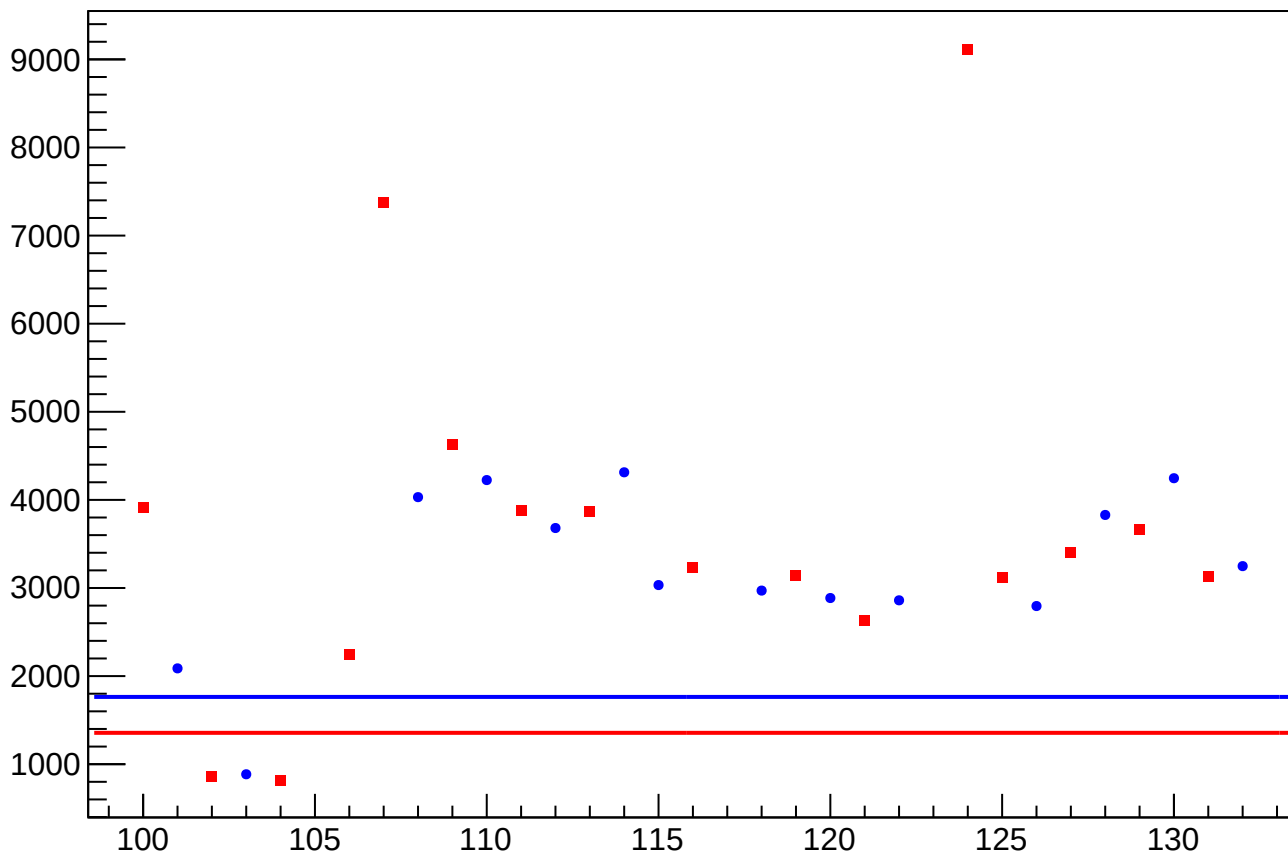
Right: 280.745+/-543.127 χ^2/NDF : 28.6/29

In: 71.249+/-885.786 χ^2/NDF : 11.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 280.745+/-543.127 χ^2/NDF : 28.6/29

asym_atl_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1763.585+/-0.626 χ^2/NDF : 3444647.2/13

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

Right Out: 1355.997+/-0.486 χ^2/NDF : 4814681.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

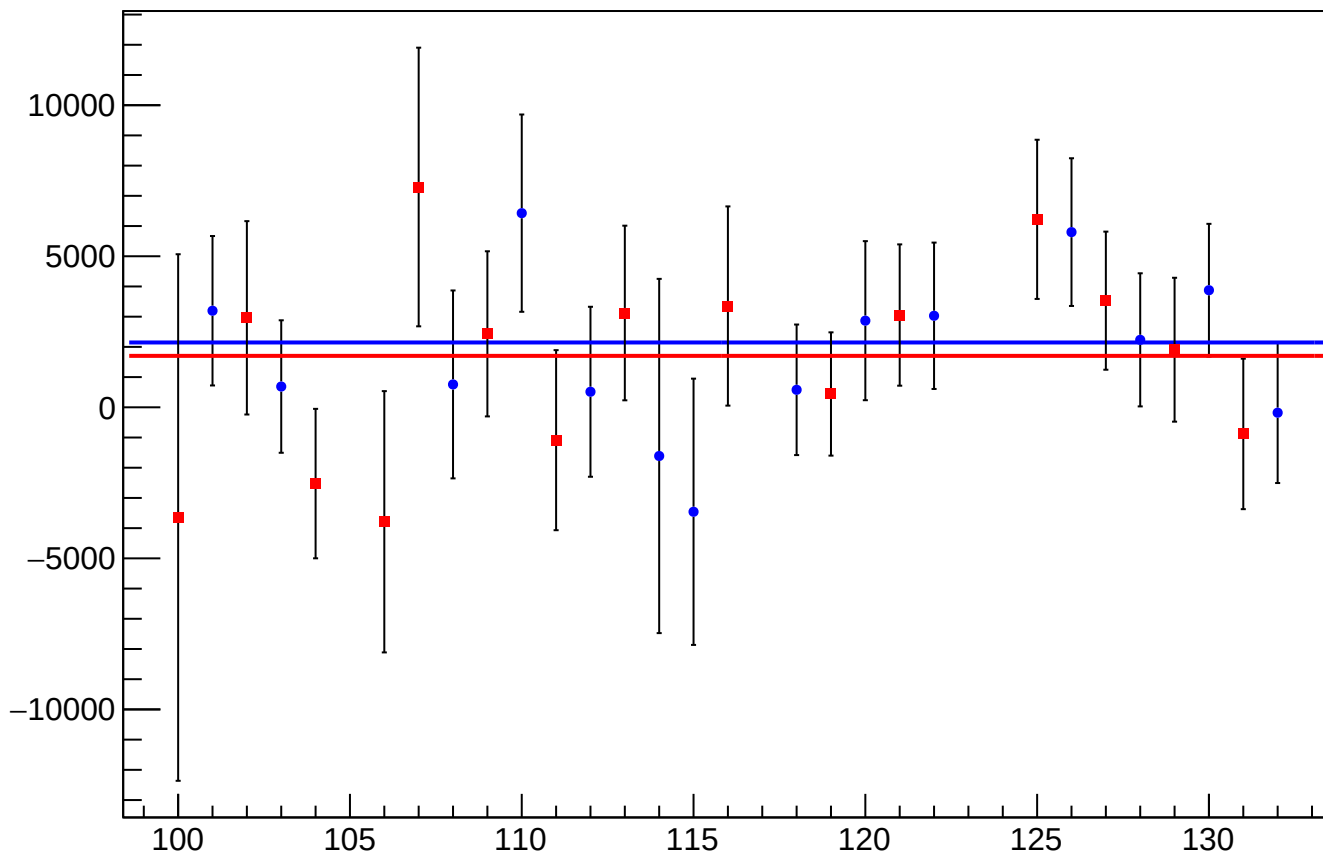
Right: 1509.235+/-0.384 χ^2/NDF : 8523584.8/29

In: 1763.585+/-0.626 χ^2/NDF : 3444647.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1509.235+/-0.384 χ^2/NDF : 8523584.8/29

eigen_dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2146.081+/-695.118 χ^2/NDF : 9.5/13

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

Right Out: 1702.768+/-720.005 χ^2/NDF : 13.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

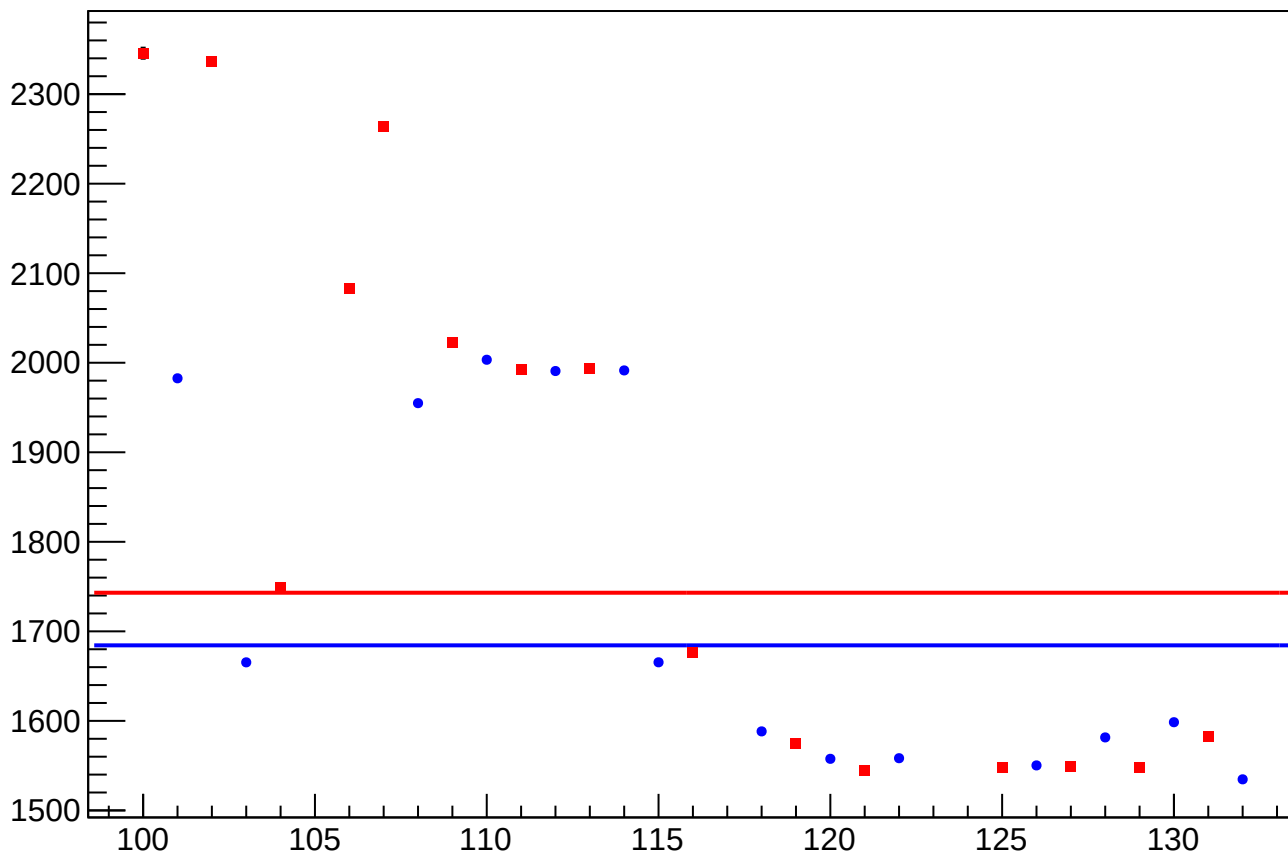
Right: 1932.218+/-500.089 χ^2/NDF : 23.0/28

In: 2146.081+/-695.118 χ^2/NDF : 9.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1932.218+/-500.089 χ^2/NDF : 23.0/28

eigen_dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1684.358+/-0.492 χ^2/NDF : 128400.7/13

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

Right Out: 1743.122+/-0.508 χ^2/NDF : 244558.8/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

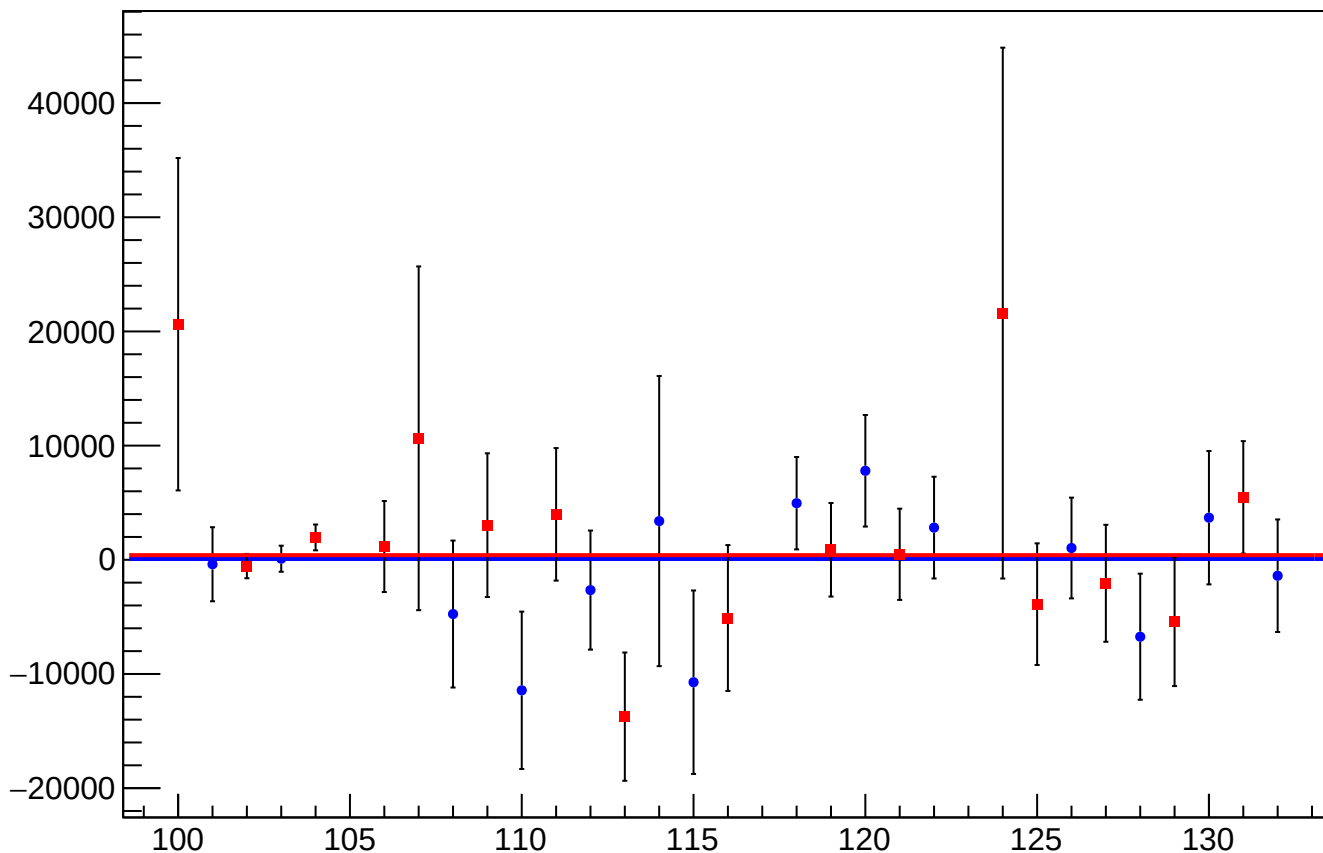
Right: 1712.786+/-0.353 χ^2/NDF : 379874.2/28

In: 1684.358+/-0.492 χ^2/NDF : 128400.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1712.786+/-0.353 χ^2/NDF : 379874.2/28

asym_atl_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 71.251+/-885.780 χ^2/NDF : 11.9/13

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

Right Out: 406.960+/-687.532 χ^2/NDF : 16.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

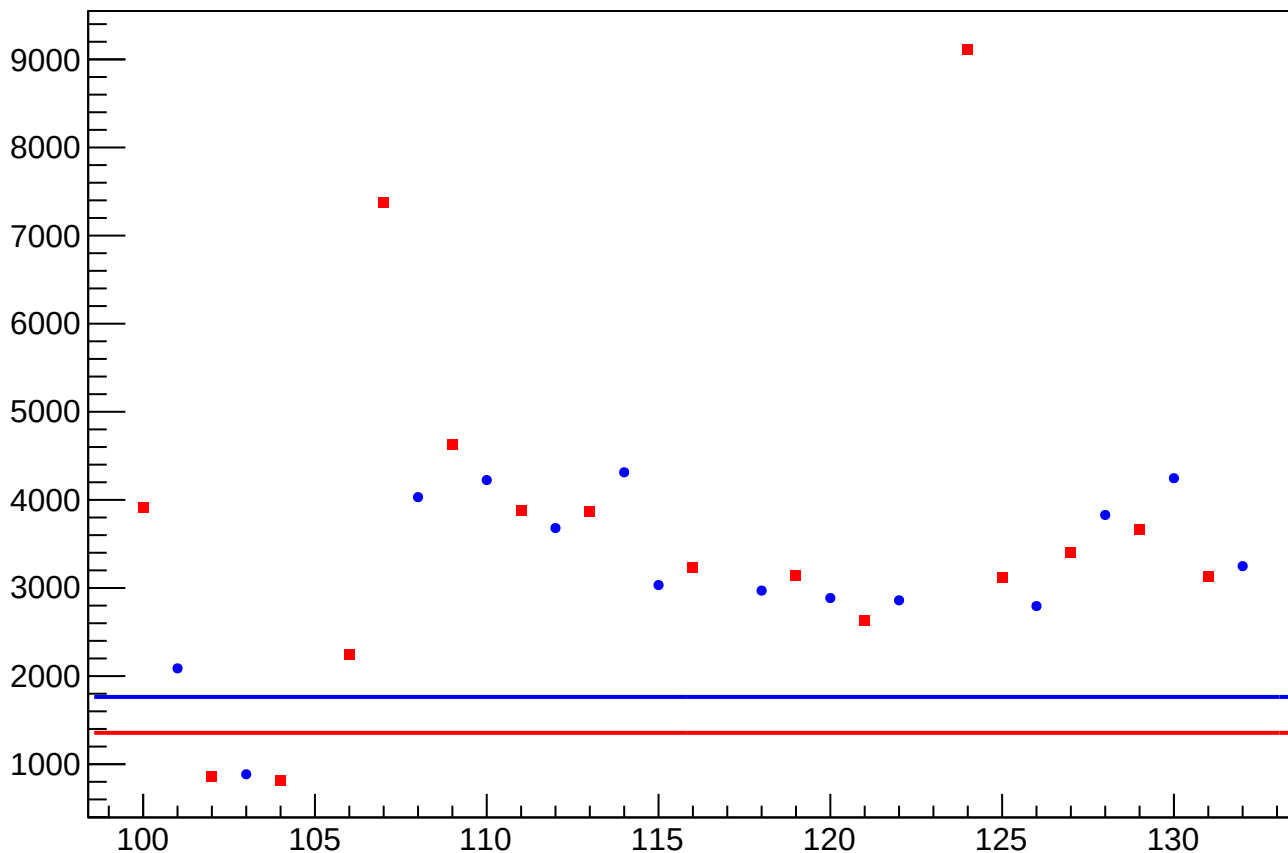
Right: 280.746+/-543.123 χ^2/NDF : 28.6/29

In: 71.251+/-885.780 χ^2/NDF : 11.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 280.746+/-543.123 χ^2/NDF : 28.6/29

asym_atl_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1763.570+/-0.626 χ^2/NDF : 3444672.6/13

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

Right Out: 1355.984+/-0.486 χ^2/NDF : 4814707.2/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

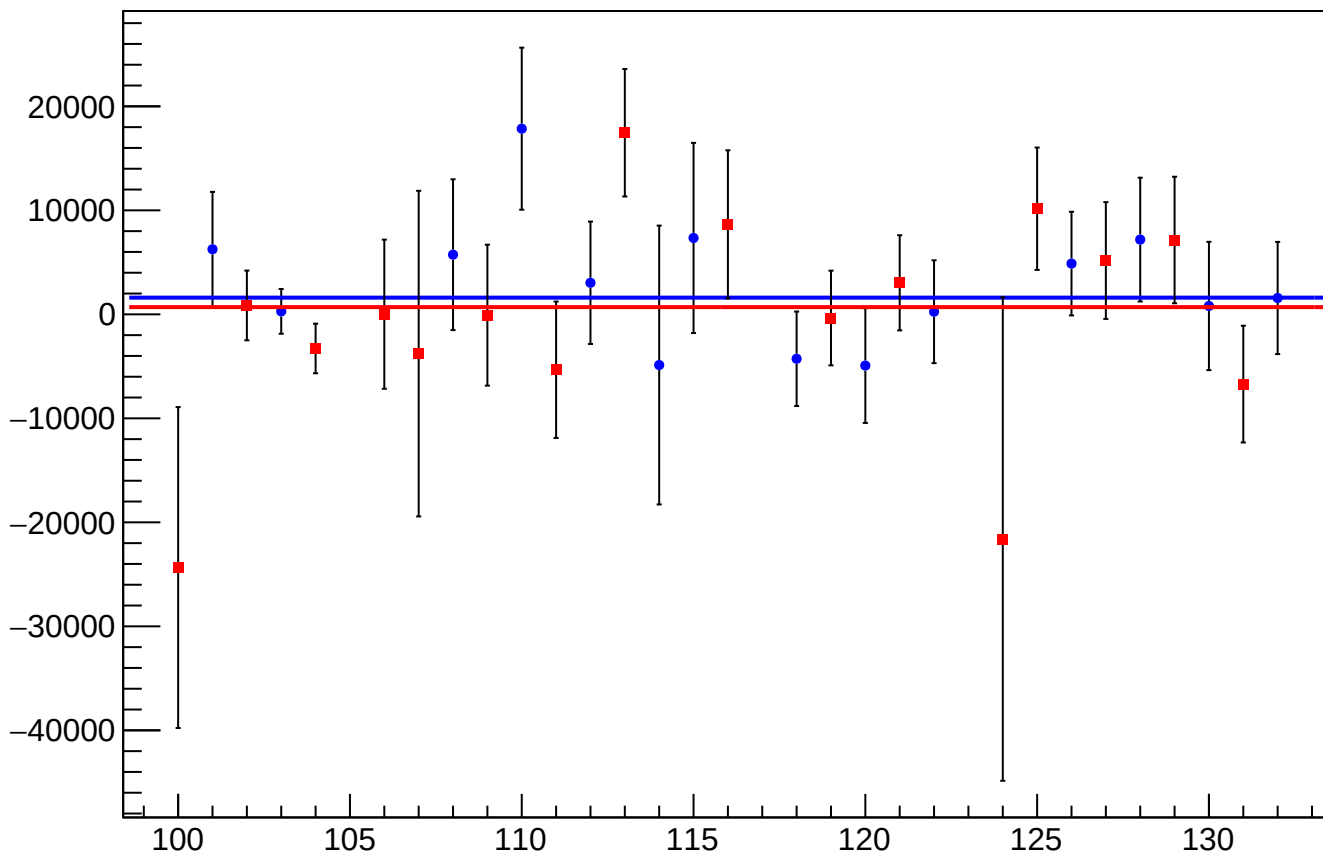
Right: 1509.221+/-0.384 χ^2/NDF : 8523636.5/29

In: 1763.570+/-0.626 χ^2/NDF : 3444672.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1509.221+/-0.384 χ^2/NDF : 8523636.5/29

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1607.036+/-1311.010 χ^2/NDF : 10.9/13

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

Right Out: 693.207+/-1289.687 χ^2/NDF : 22.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

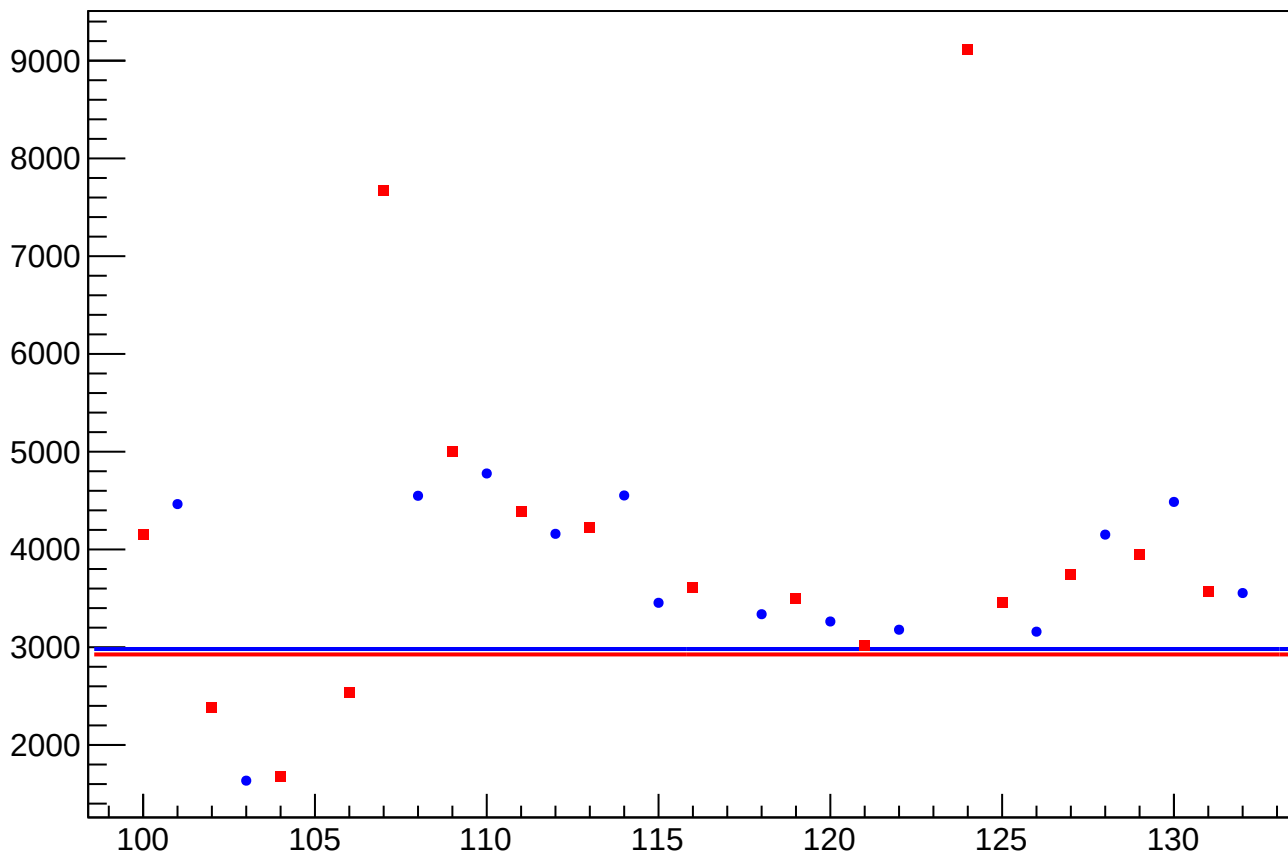
Right: 1142.630+/-919.392 χ^2/NDF : 33.6/29

In: 1607.036+/-1311.010 χ^2/NDF : 10.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1142.630+/-919.392 χ^2/NDF : 33.6/29

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 2981.691+/-0.927 χ^2/NDF : 1481642.6/13

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

Right Out: 2926.040+/-0.897 χ^2/NDF : 1522476.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

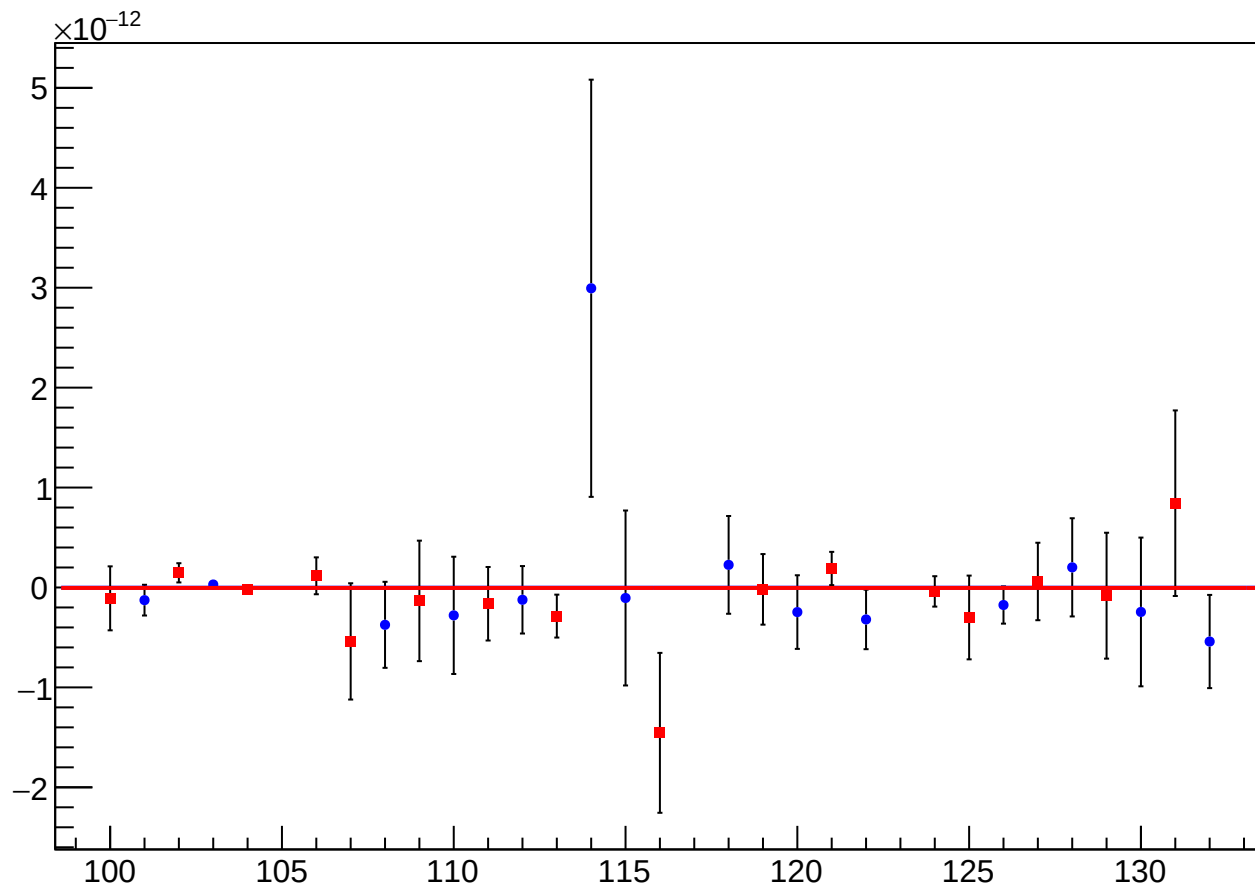
Right: 2952.939+/-0.644 χ^2/NDF : 3005980.6/29

In: 2981.691+/-0.927 χ^2/NDF :1481642.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2952.939+/-0.644 χ^2/NDF : 3005980.6/29

asym_atl_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.7/13

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

Right Out: -0.000+/-0.000 χ^2/NDF : 12.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

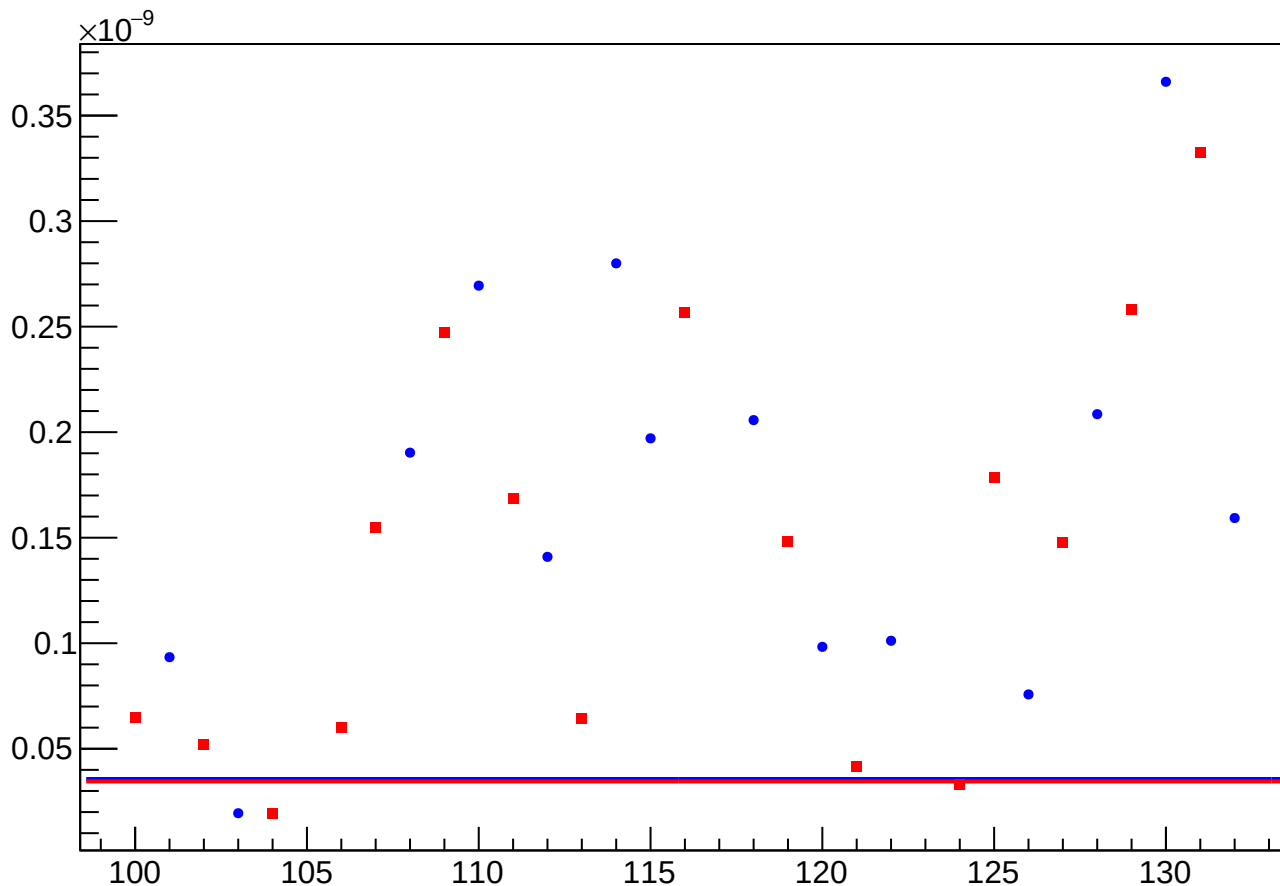
Right: -0.000+/-0.000 χ^2/NDF : 20.9/29

In: -0.000+/-0.000 χ^2/NDF : 8.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.9/29

asym_atl_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2745172.5/13

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2284141.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

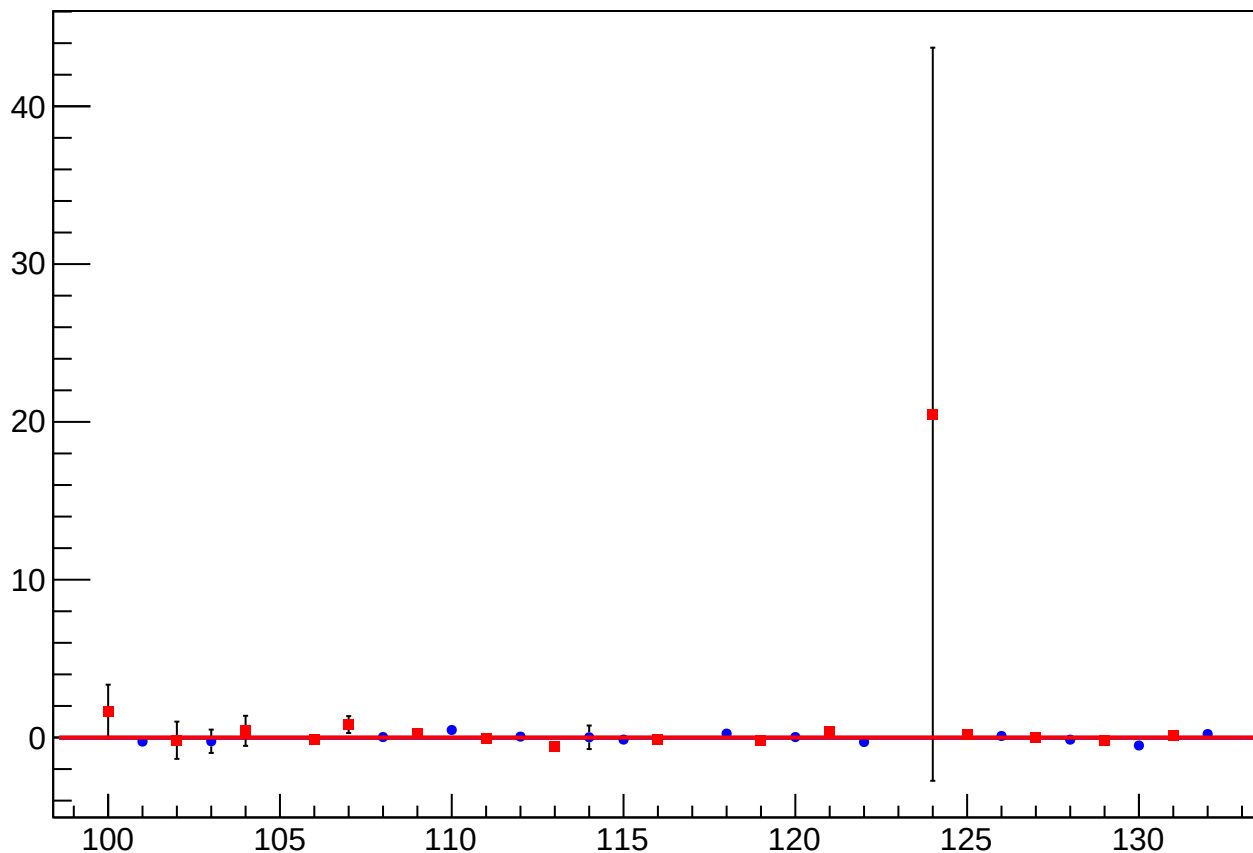
Right: 0.000+/-0.000 χ^2/NDF : 5030390.4/29

In: 0.000+/-0.000 χ^2/NDF :2745172.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5030390.4/29

asym_atl_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017+/-0.061 χ^2 /NDF: 15.7/13

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

Right Out: -0.001+/-0.059 χ^2 /NDF: 19.8/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

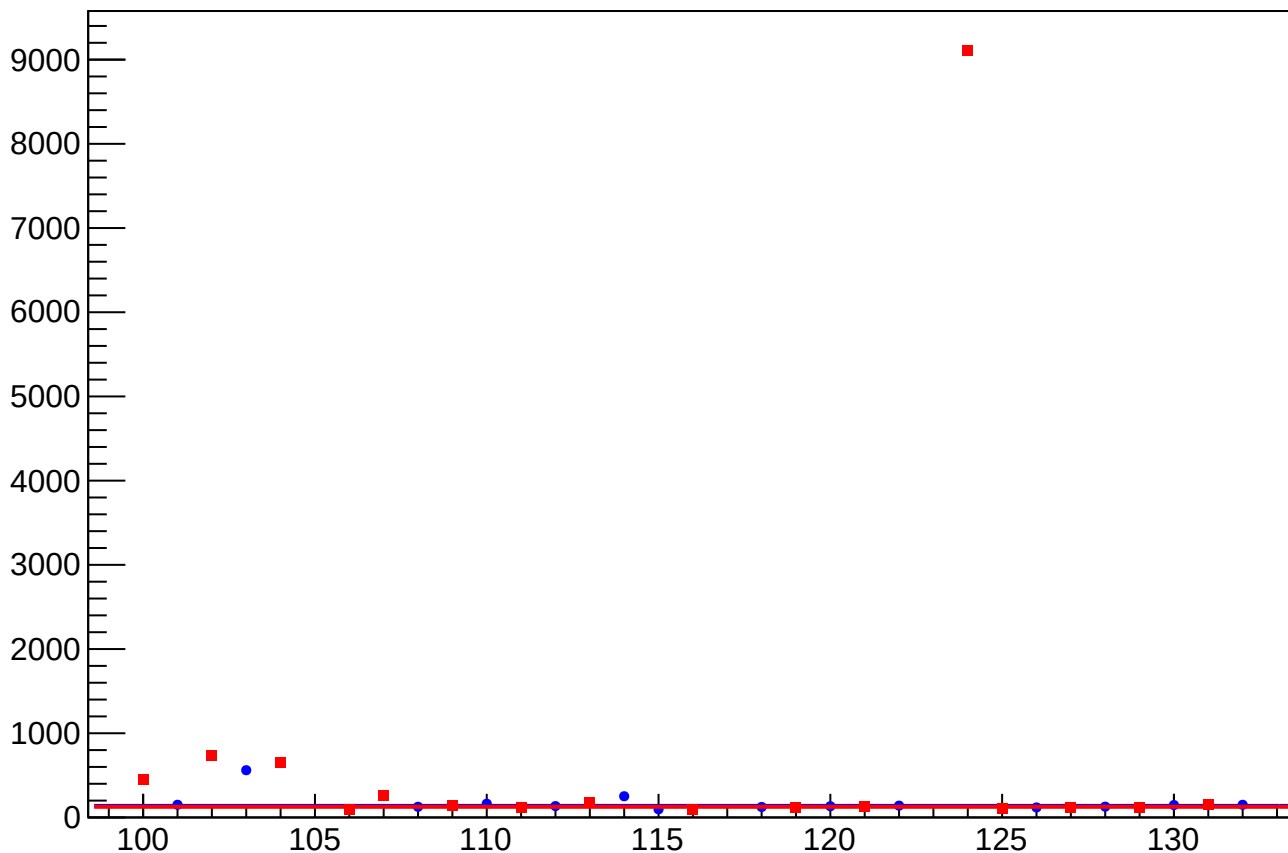
Right: -0.009+/-0.042 χ^2 /NDF: 35.5/29

In: -0.017+/-0.061 χ^2 /NDF:15.7/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.009+/-0.042 χ^2 /NDF: 35.5/29

asym_atl_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 137.355+/-0.043 χ^2/NDF : 827751.2/13

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

Right Out: 126.487+/-0.042 χ^2/NDF : 1857167.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

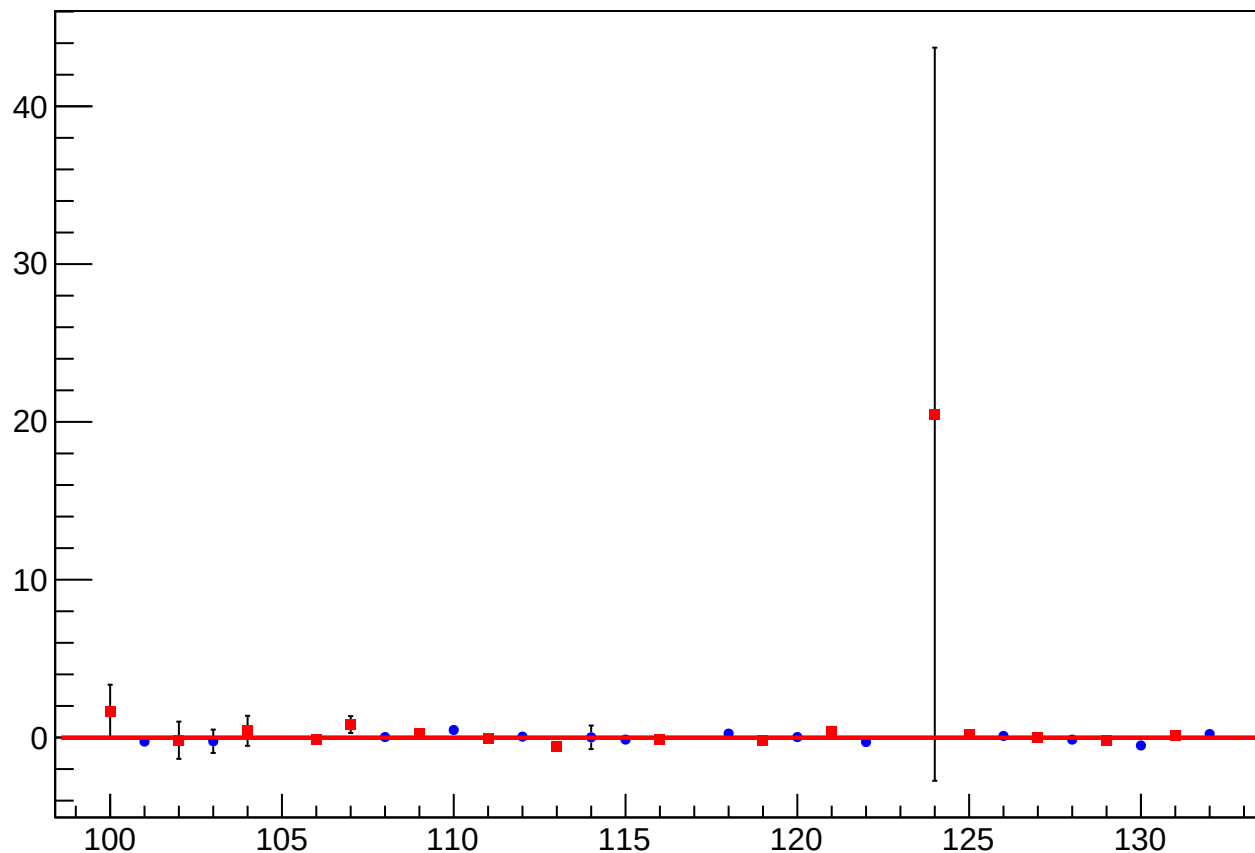
Right: 131.757+/-0.030 χ^2/NDF : 2718012.5/29

In: 137.355+/-0.043 χ^2/NDF : 827751.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.757+/-0.030 χ^2/NDF : 2718012.5/29

asym_atl_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017+/-0.061 χ^2/NDF : 15.7/13

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

Right Out: -0.001+/-0.059 χ^2/NDF : 19.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

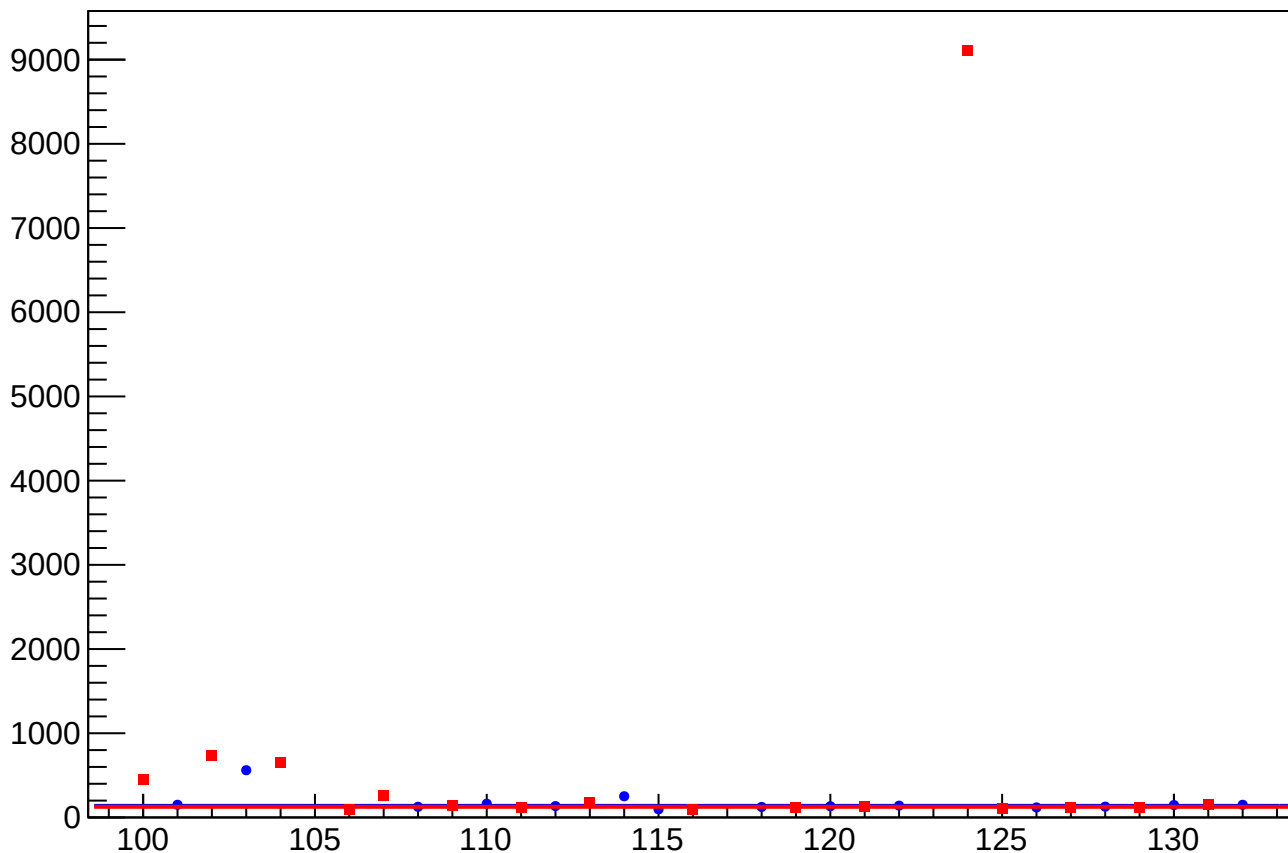
Right: -0.009+/-0.042 χ^2/NDF : 35.5/29

In: -0.017+/-0.061 χ^2/NDF :15.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.009+/-0.042 χ^2/NDF : 35.5/29

asym_atl_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 137.355+/-0.043 χ^2/NDF : 827751.2/13

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

Right Out: 126.487+/-0.042 χ^2/NDF : 1857167.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

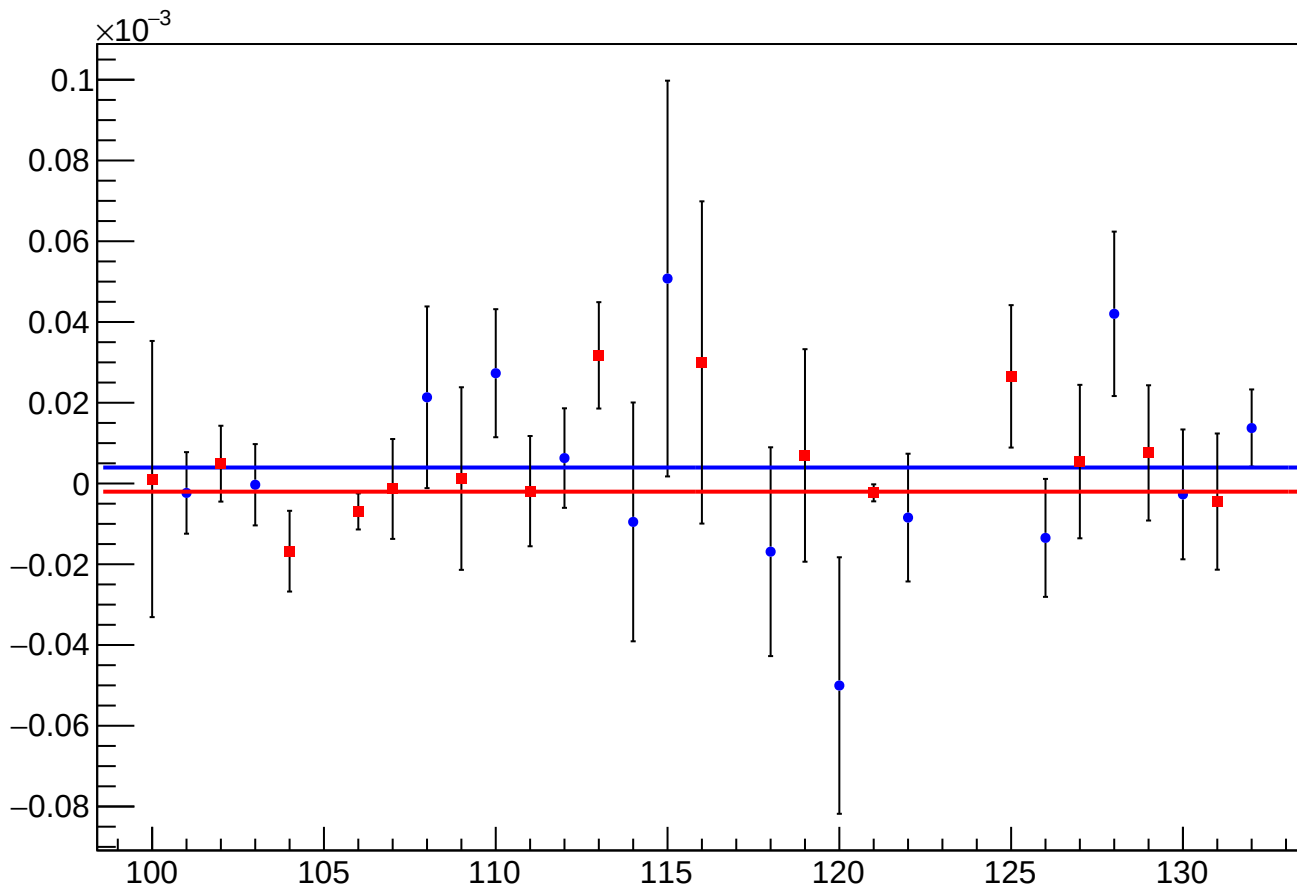
Right: 131.757+/-0.030 χ^2/NDF : 2718012.5/29

In: 137.355+/-0.043 χ^2/NDF : 827751.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.757+/-0.030 χ^2/NDF : 2718012.5/29

asym_atl_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.8/13

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

Right Out: -0.000+/-0.000 χ^2/NDF : 14.4/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

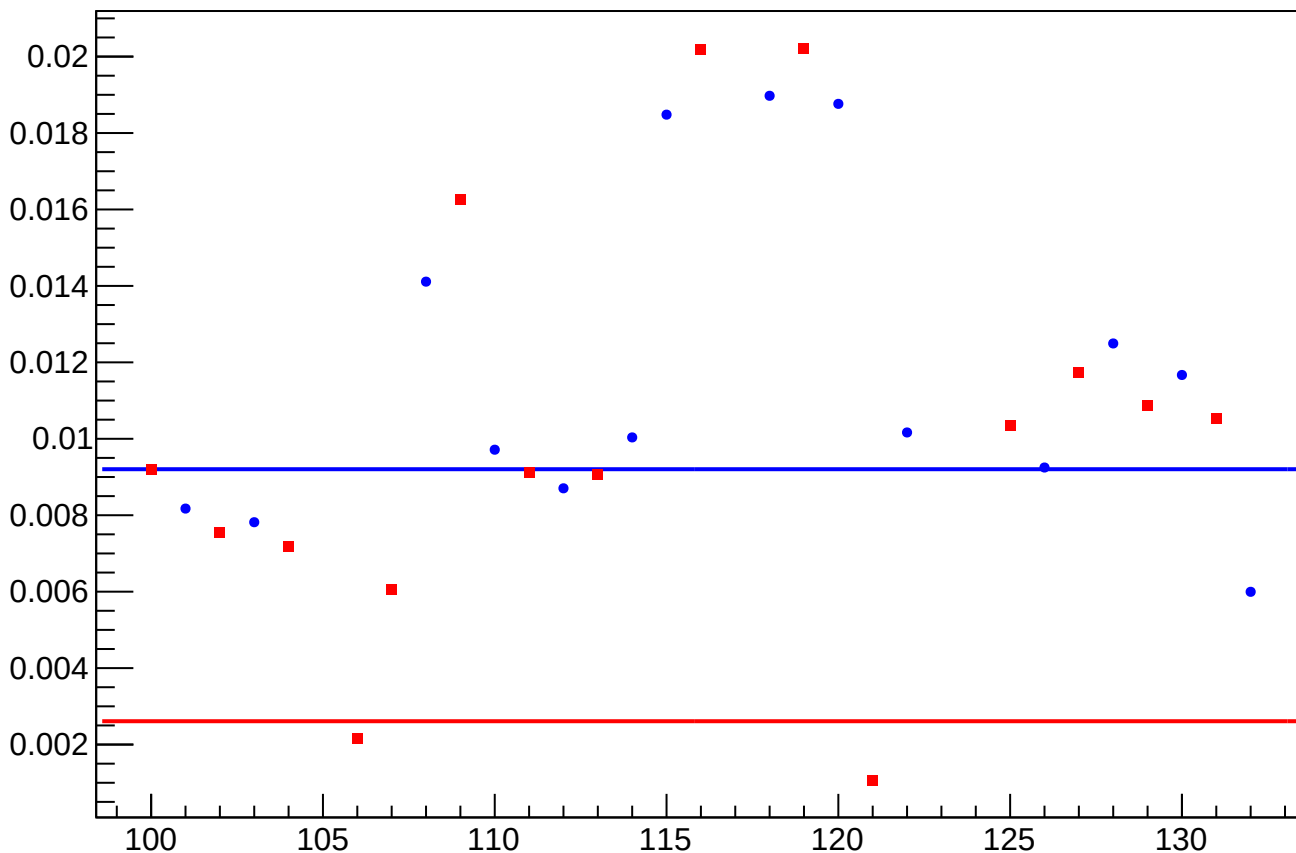
Right: -0.000+/-0.000 χ^2/NDF : 31.1/28

In: 0.000+/-0.000 χ^2/NDF : 14.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.1/28

asym_atl_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 1030818.6/13

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

Right Out: 0.003+/-0.000 χ^2/NDF : 7033014.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

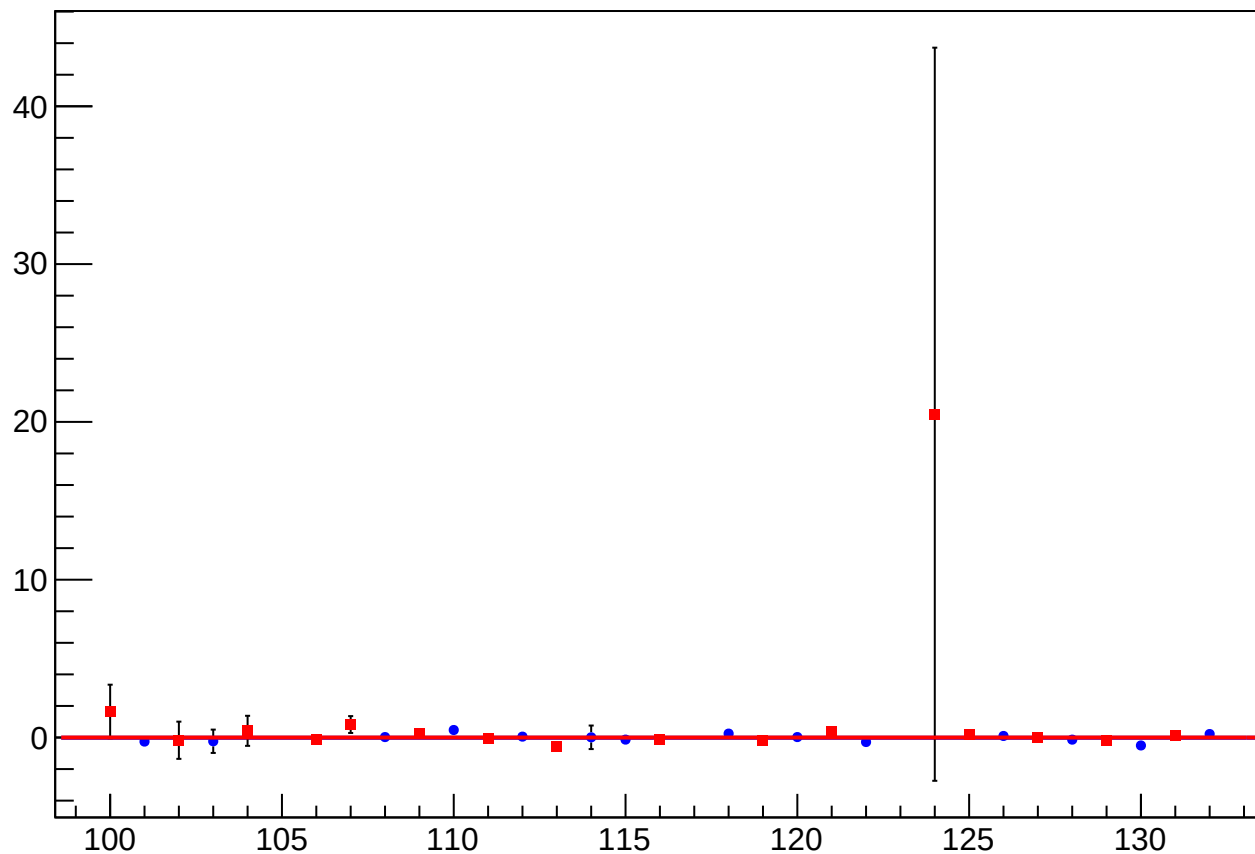
Right: 0.004+/-0.000 χ^2/NDF : 12615320.8/28

In: 0.009+/-0.000 χ^2/NDF :1030818.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 12615320.8/28

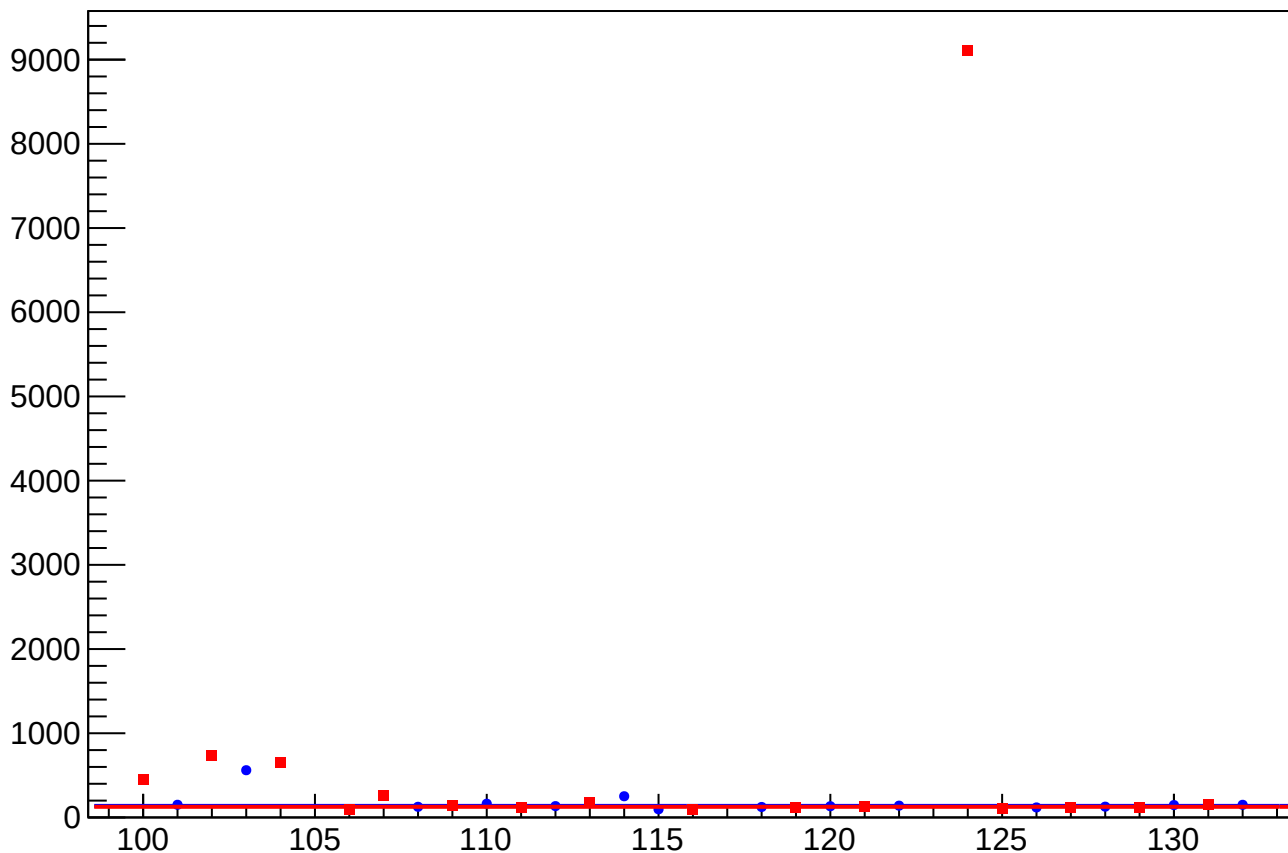
asym_atl_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



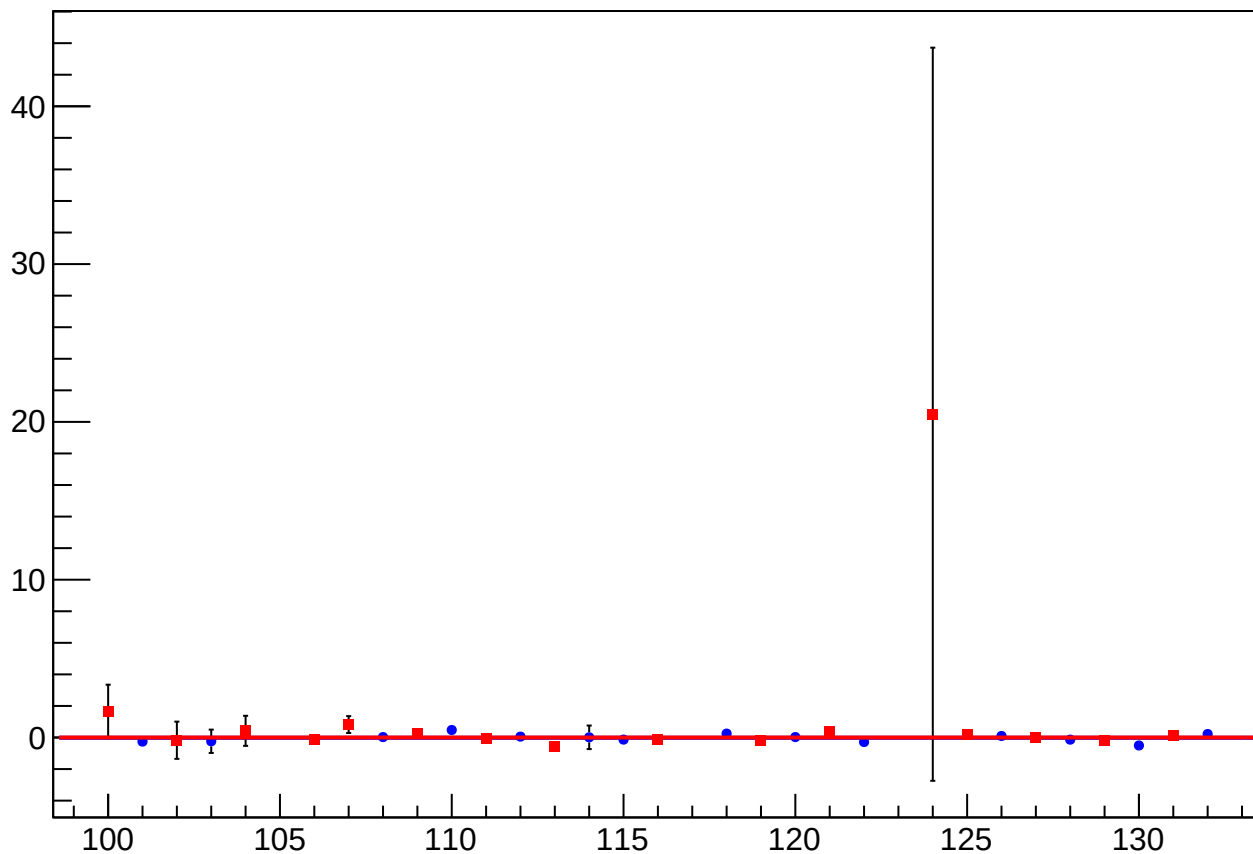
Right In: -0.017+/-0.061 χ^2/NDF : 15.7/13
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -0.001+/-0.059 χ^2/NDF : 19.8/15
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.009+/-0.042 χ^2/NDF : 35.5/29
 In: -0.017+/-0.061 χ^2/NDF :15.7/13
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -0.009+/-0.042 χ^2/NDF : 35.5/29

asym_atl_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



asym_atl_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017+/-0.061 χ^2/NDF : 15.7/13

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

Right Out: -0.001+/-0.059 χ^2/NDF : 19.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

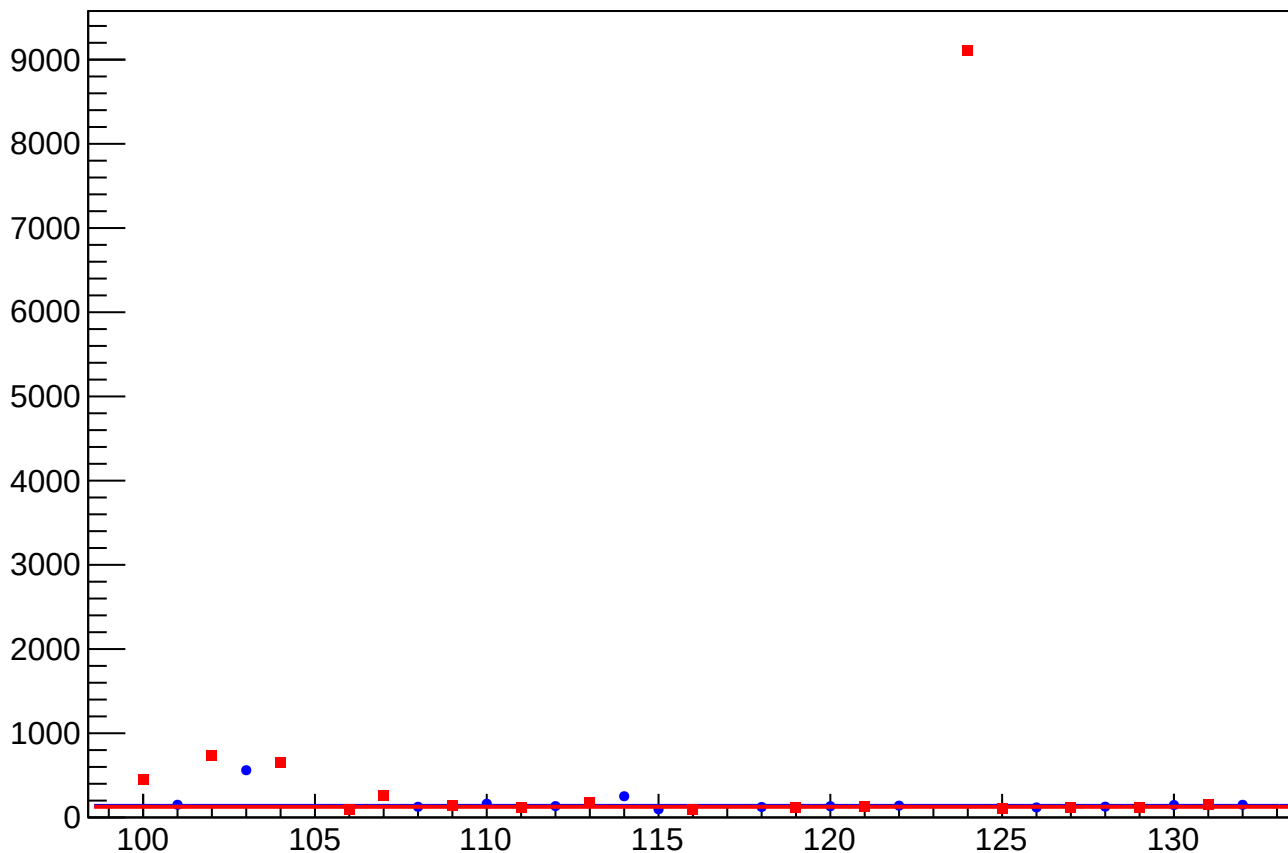
Right: -0.009+/-0.042 χ^2/NDF : 35.5/29

In: -0.017+/-0.061 χ^2/NDF :15.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.009+/-0.042 χ^2/NDF : 35.5/29

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 137.353+/-0.043 χ^2/NDF : 827754.1/13

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

Right Out: 126.486+/-0.042 χ^2/NDF : 1857140.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

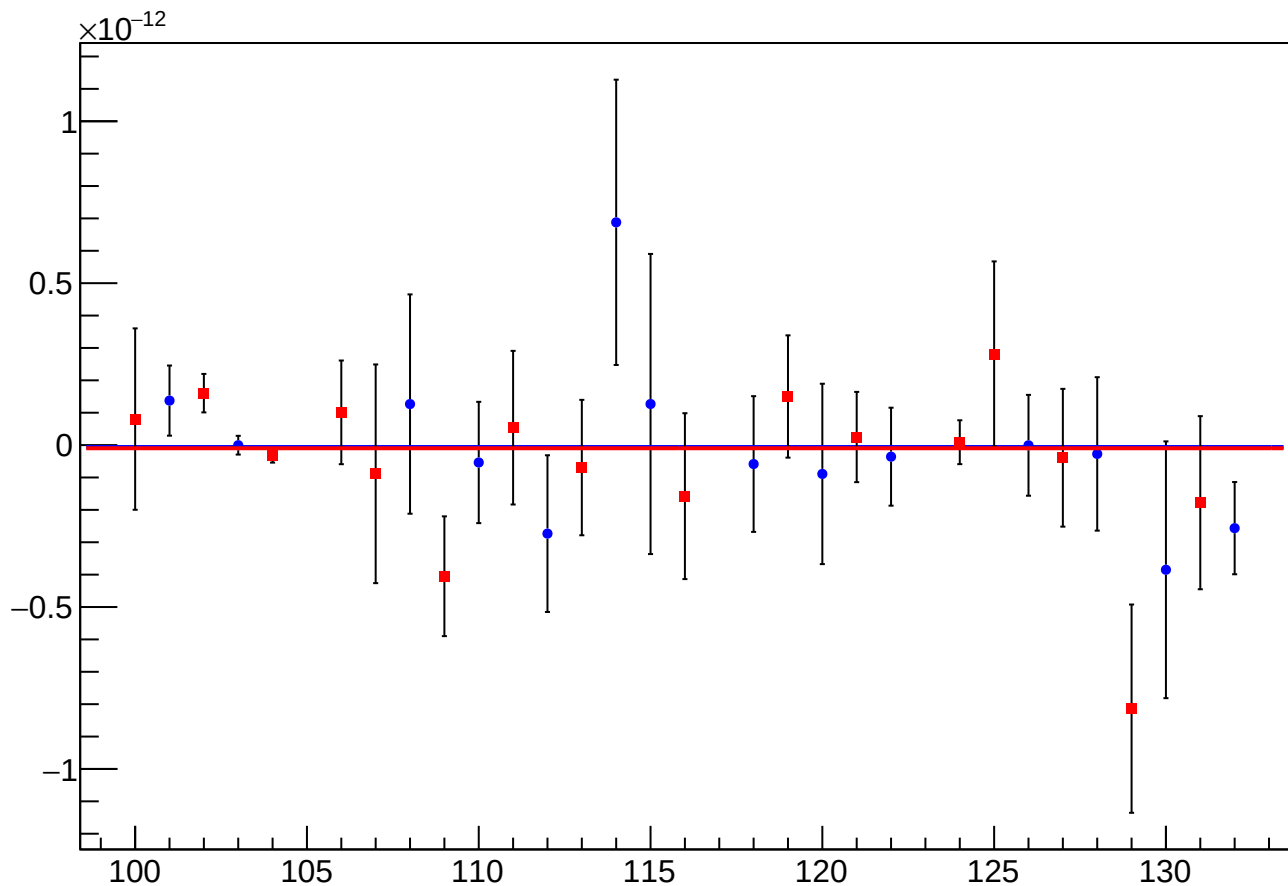
Right: 131.756+/-0.030 χ^2/NDF : 2717981.4/29

In: 137.353+/-0.043 χ^2/NDF : 827754.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.756+/-0.030 χ^2/NDF : 2717981.4/29

asym_atl_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 10.0/13

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

Right Out: -0.000 ± 0.000 χ^2/NDF : 23.4/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

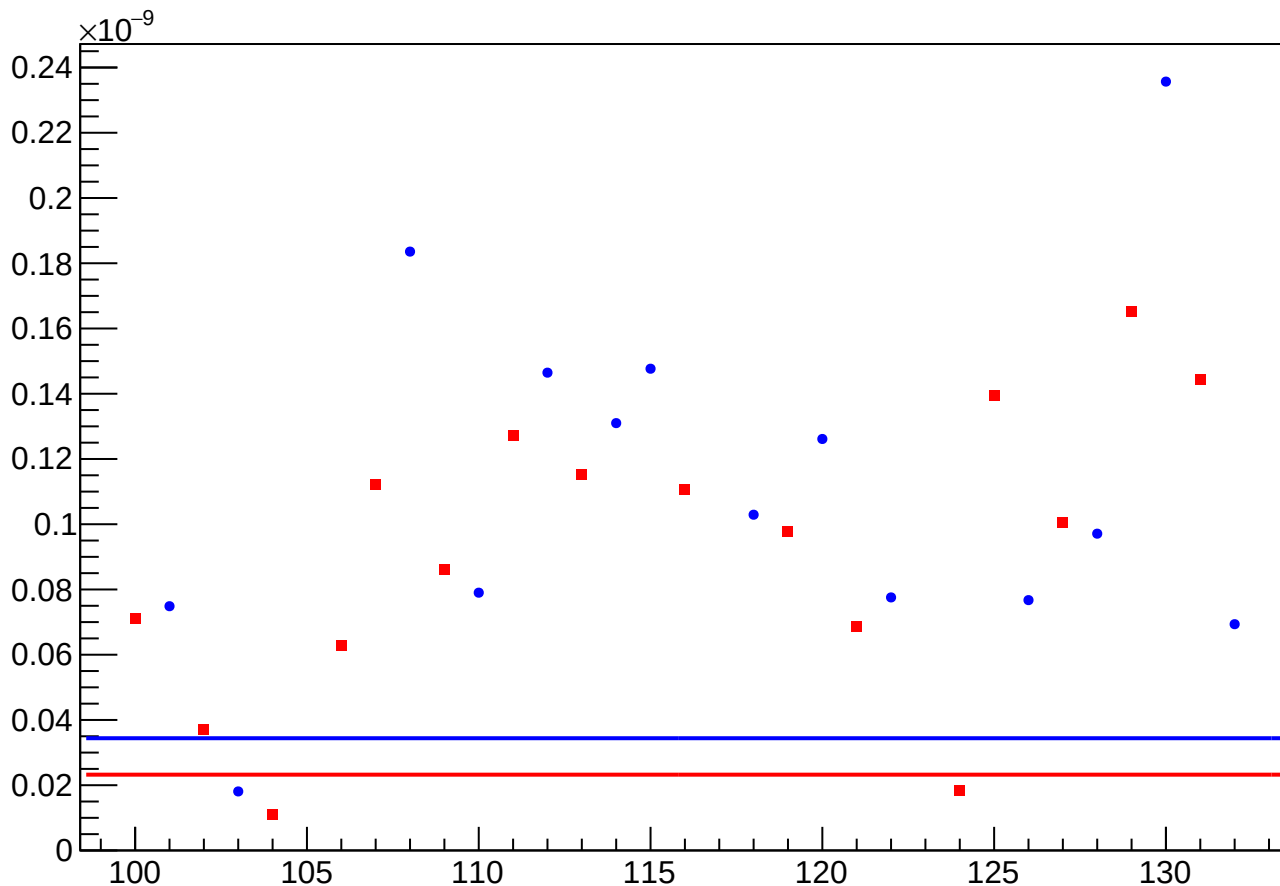
Right: -0.000 ± 0.000 χ^2/NDF : 33.4/29

In: -0.000 ± 0.000 χ^2/NDF : 10.0/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 33.4/29

asym_atl_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3578102.3/13

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

Right Out: 0.000+/-0.000 χ^2/NDF : 4161542.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

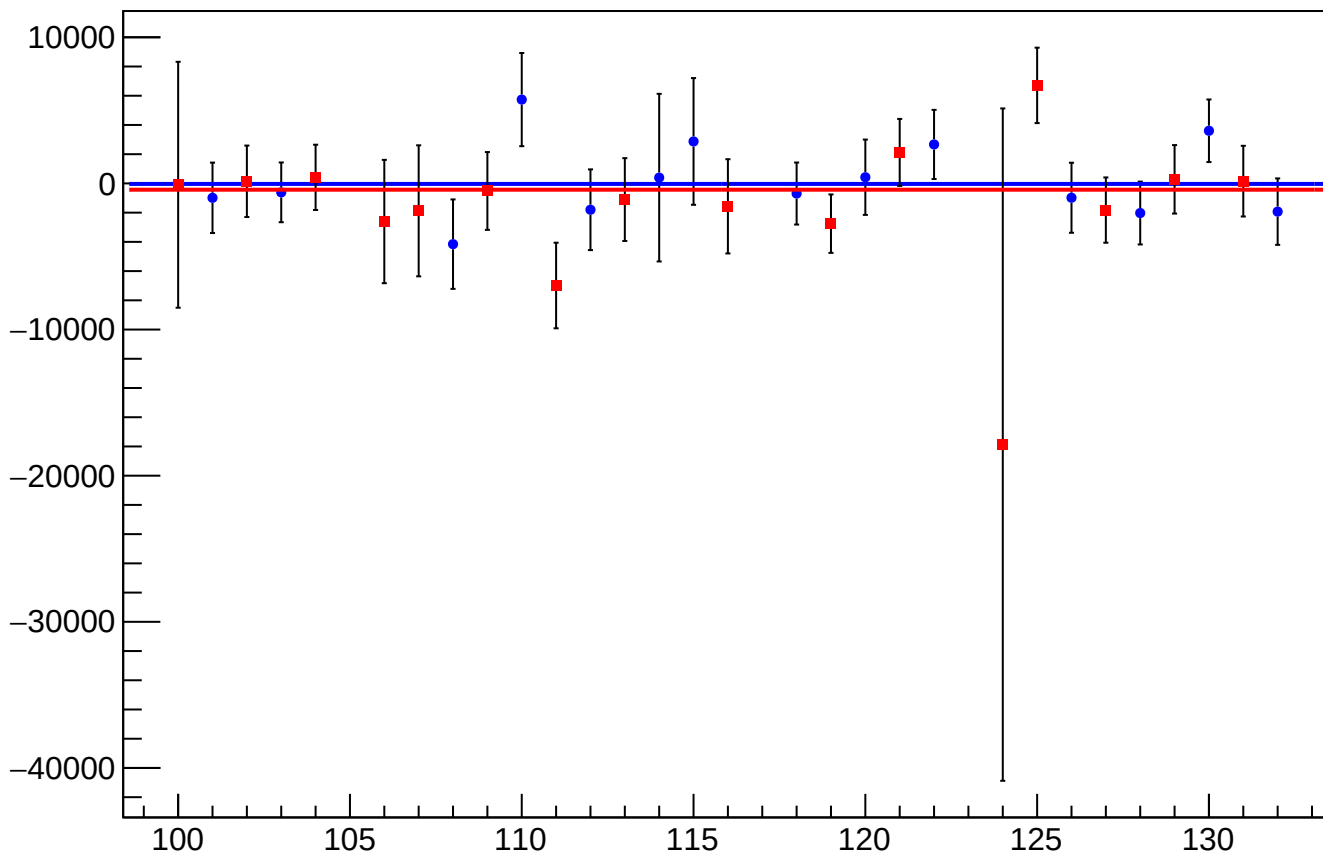
Right: 0.000+/-0.000 χ^2/NDF : 7985056.2/29

In: 0.000+/-0.000 χ^2/NDF :3578102.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7985056.2/29

reg_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -35.286 ± 676.512 χ^2/NDF : 12.2/13

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

Right Out: -431.018 ± 688.004 χ^2/NDF : 17.1/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

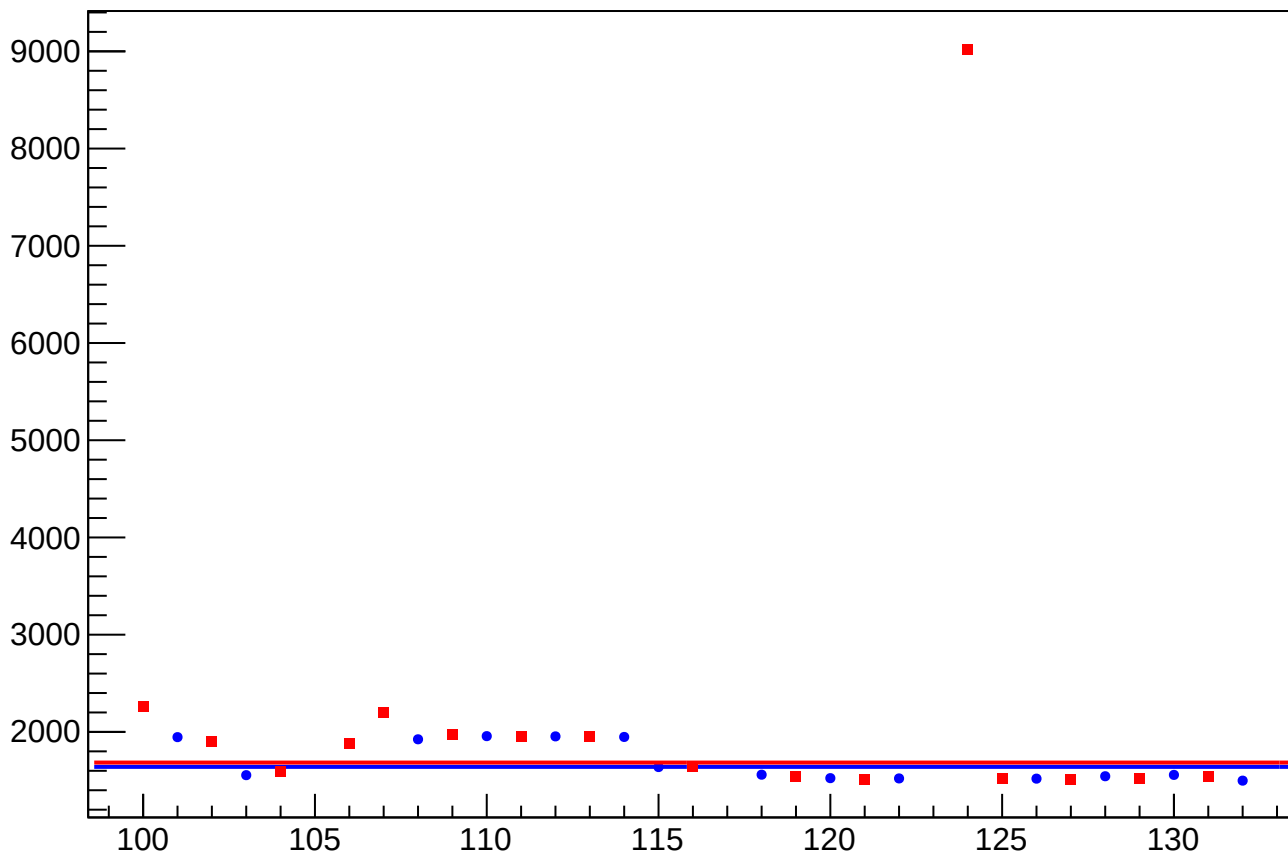
Right: -229.820 ± 482.378 χ^2/NDF : 29.5/29

In: -35.286 ± 676.512 χ^2/NDF : 12.2/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -229.820 ± 482.378 χ^2/NDF : 29.5/29

reg_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1640.449+/-0.478 χ^2/NDF : 135908.0/13

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

Right Out: 1684.745+/-0.484 χ^2/NDF : 381329.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

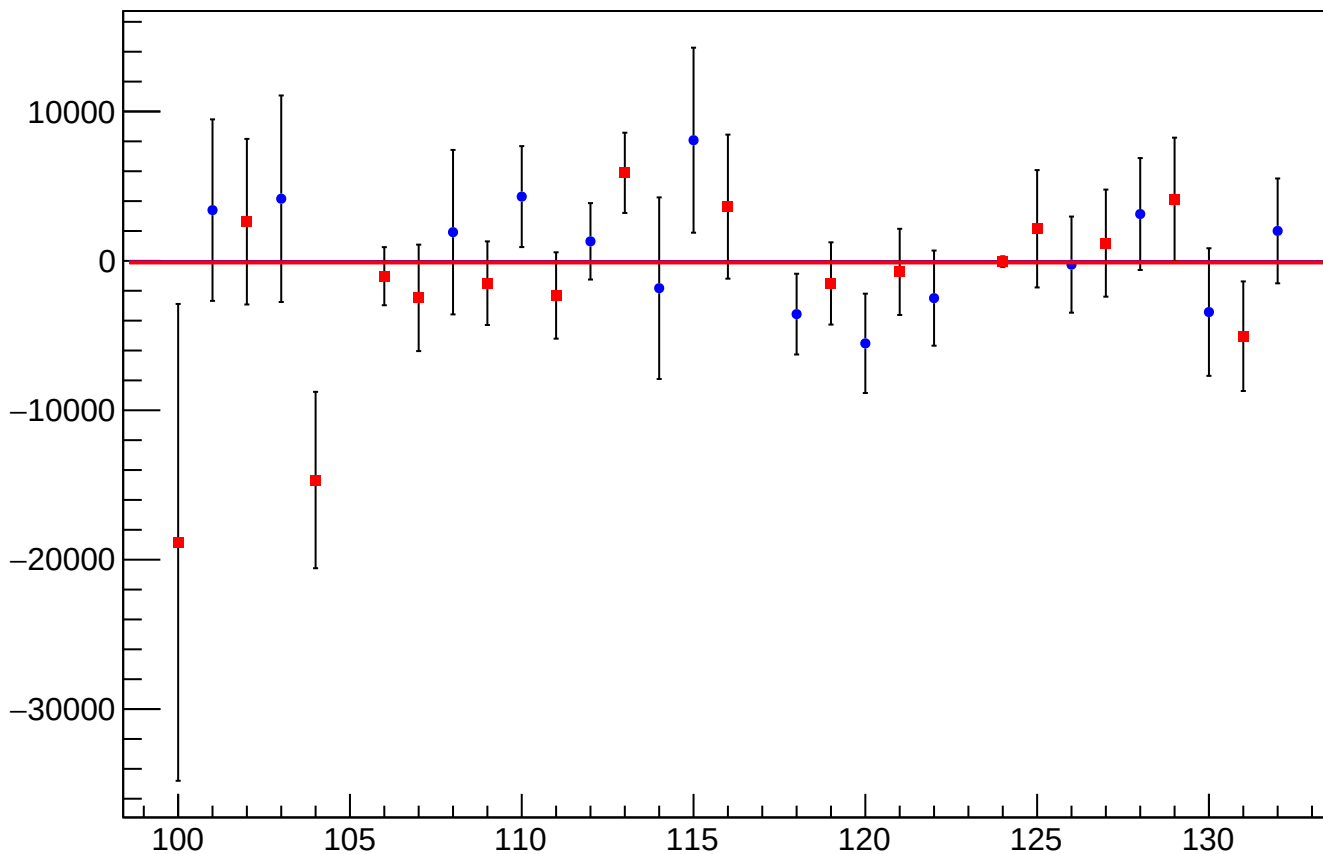
Right: 1662.344+/-0.340 χ^2/NDF : 521475.9/29

In: 1640.449+/-0.478 χ^2/NDF : 135908.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1662.344+/-0.340 χ^2/NDF : 521475.9/29

asym_atl_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -77.811 ± 997.646 χ^2/NDF : 11.3/13

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

Right Out: -103.156 ± 325.178 χ^2/NDF : 18.4/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

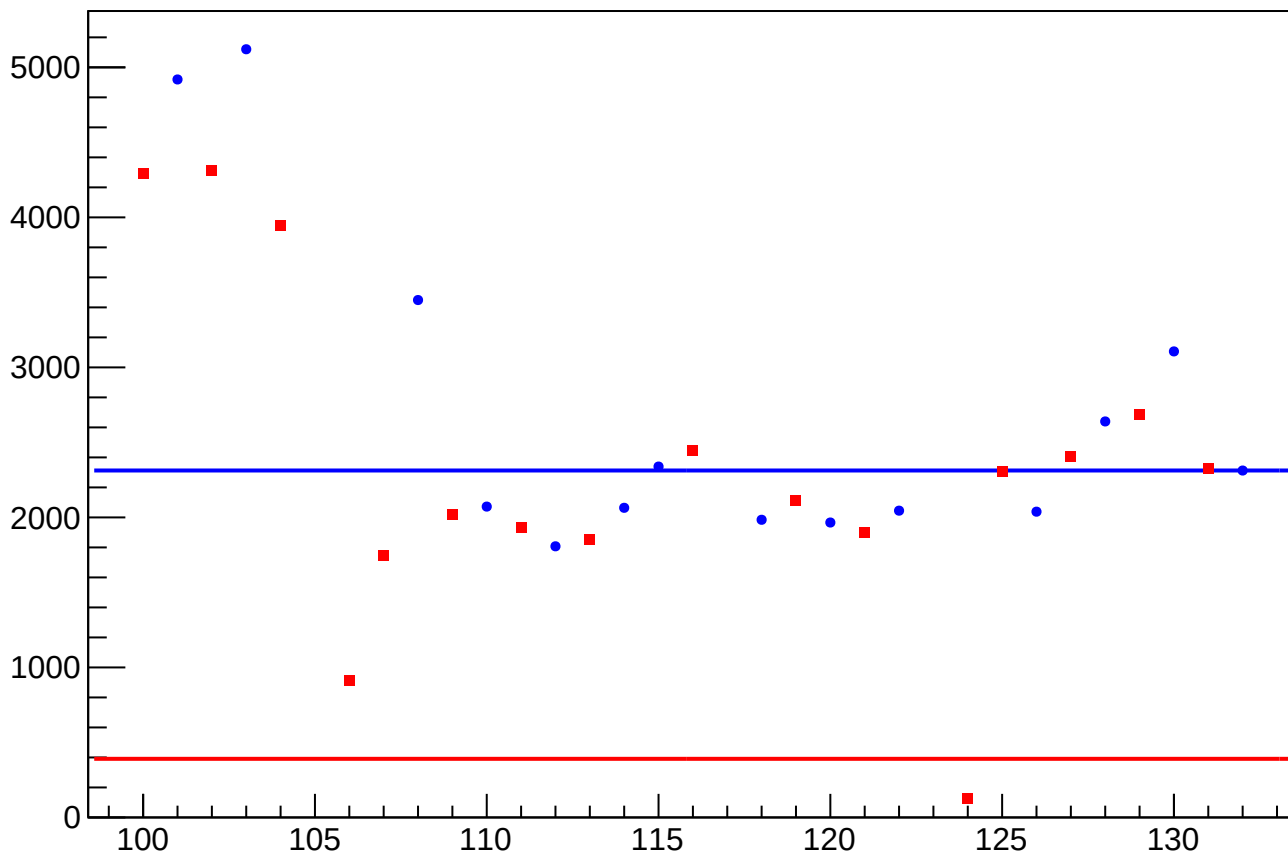
Right: -100.722 ± 309.169 χ^2/NDF : 29.7/29

In: -77.811 ± 997.646 χ^2/NDF : 11.3/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -100.722 ± 309.169 χ^2/NDF : 29.7/29

asym_atl_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2312.774+/-0.705 χ^2/NDF : 1039509.3/13

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

Right Out: 390.834+/-0.230 χ^2/NDF : 9224942.4/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

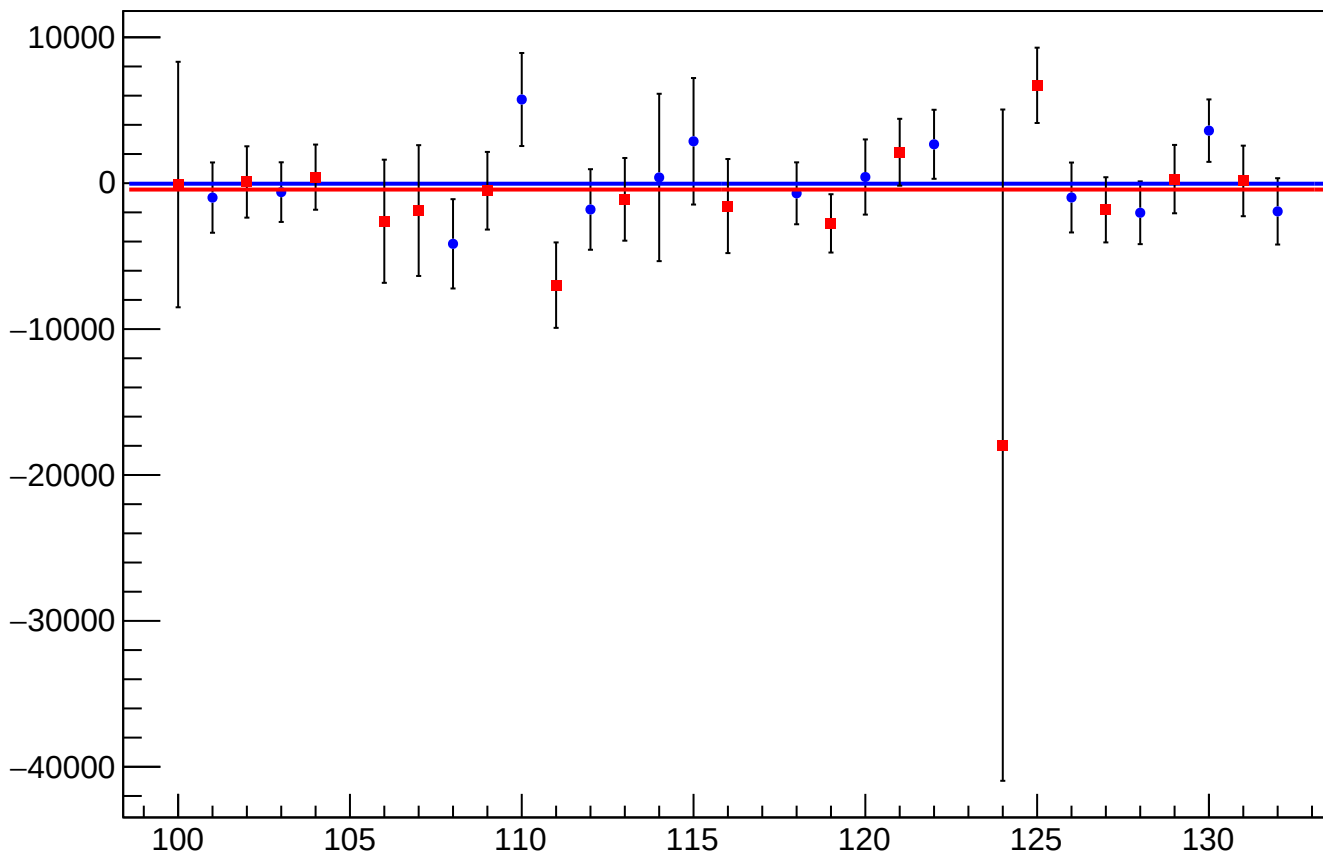
Right: 575.411+/-0.219 χ^2/NDF : 16974210.0/29

In: 2312.774+/-0.705 χ^2/NDF : 1039509.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 575.411+/-0.219 χ^2/NDF : 16974210.0/29

cor_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -35.443 ± 676.512 $\chi^2/\text{NDF}: 12.2/13$

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

Right Out: -436.038 ± 688.012 $\chi^2/\text{NDF}: 17.1/15$

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

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

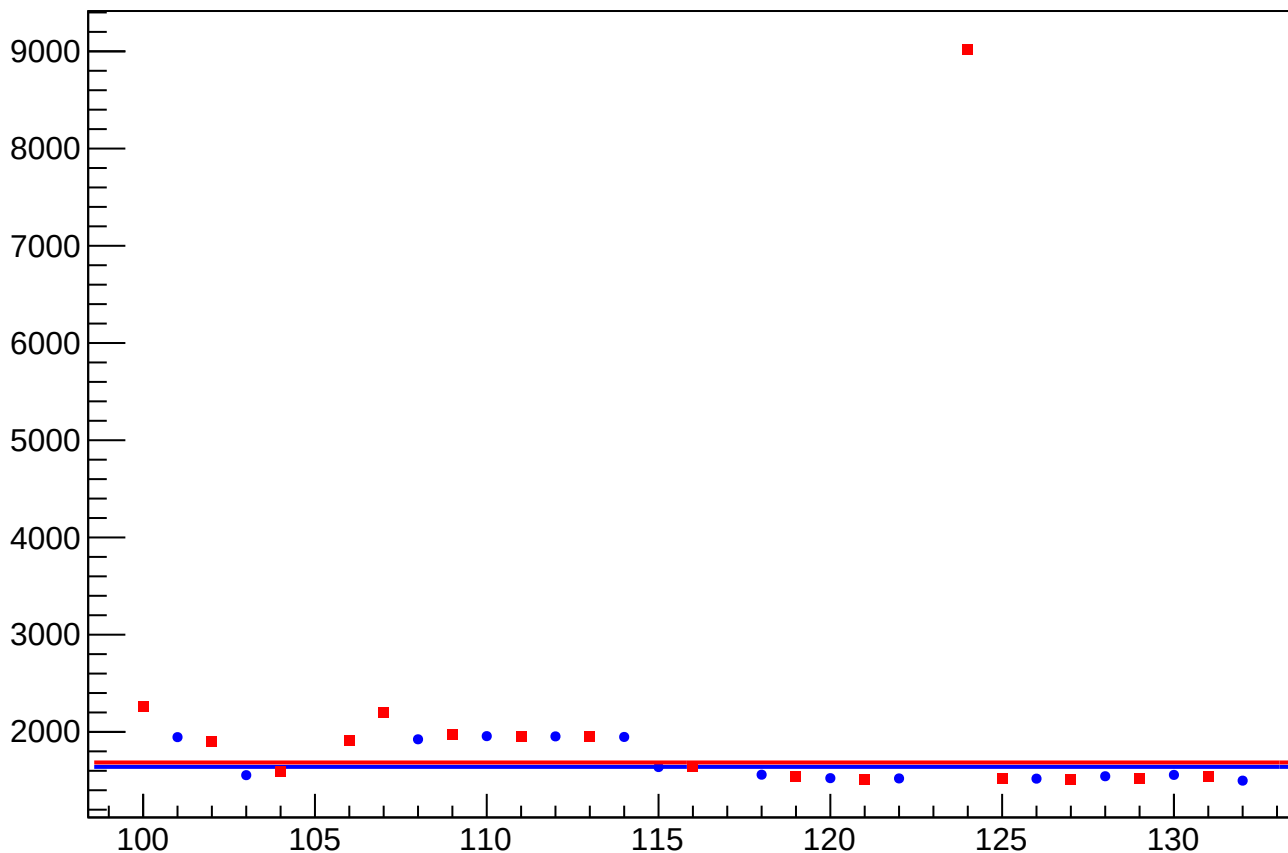
Right: -232.364 ± 482.381 $\chi^2/\text{NDF}: 29.5/29$

In: -35.443 ± 676.512 $\chi^2/\text{NDF}: 12.2/13$

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

All: -232.364 ± 482.381 $\chi^2/\text{NDF}: 29.5/29$

cor_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1640.448+/-0.478 χ^2/NDF : 135908.0/13

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

Right Out: 1685.666+/-0.484 χ^2/NDF : 383173.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

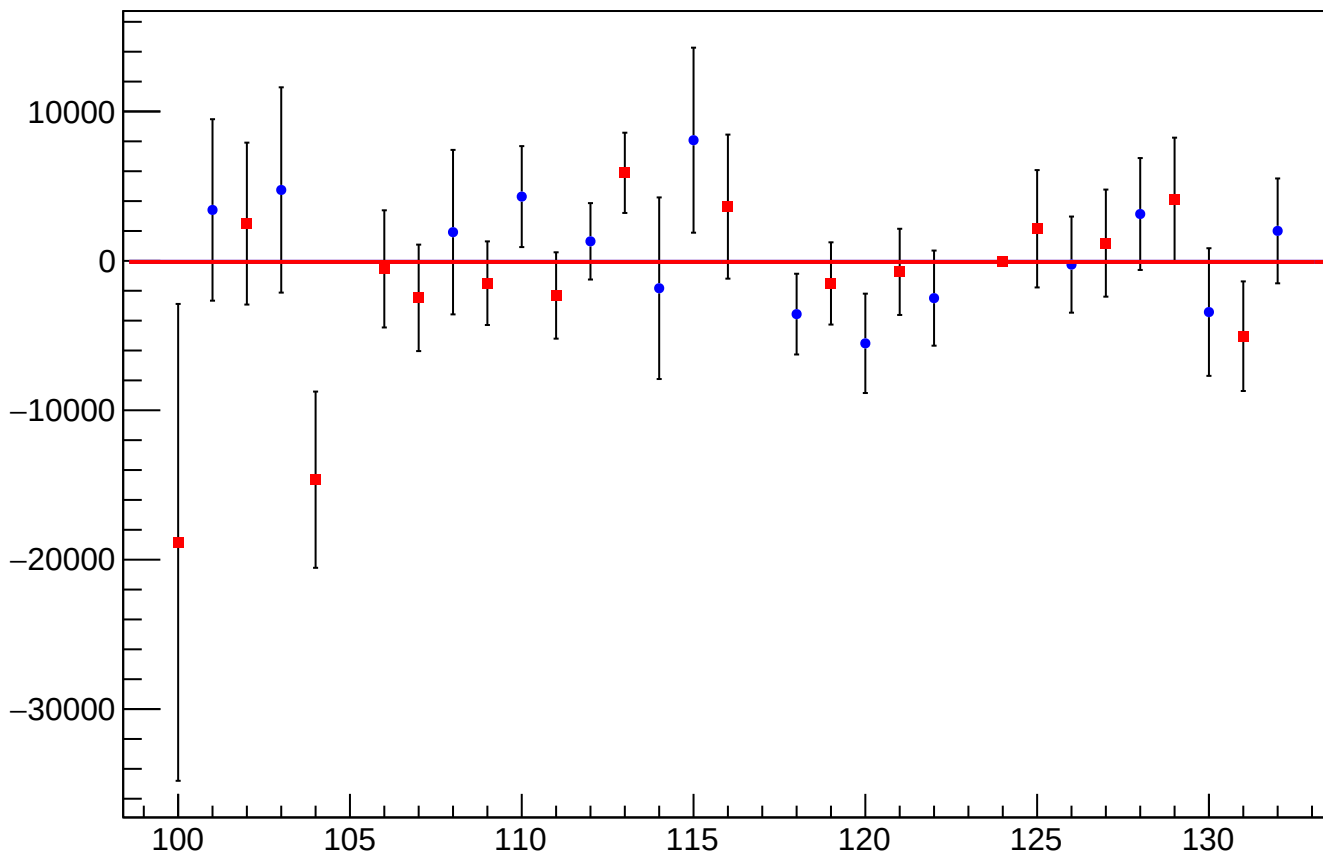
Right: 1662.786+/-0.340 χ^2/NDF : 523495.7/29

In: 1640.448+/-0.478 χ^2/NDF : 135908.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1662.786+/-0.340 χ^2/NDF : 523495.7/29

asym_atl_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -64.194 ± 997.514 χ^2/NDF : 11.4/13

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

Right Out: -70.623 ± 317.115 χ^2/NDF : 18.2/15

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

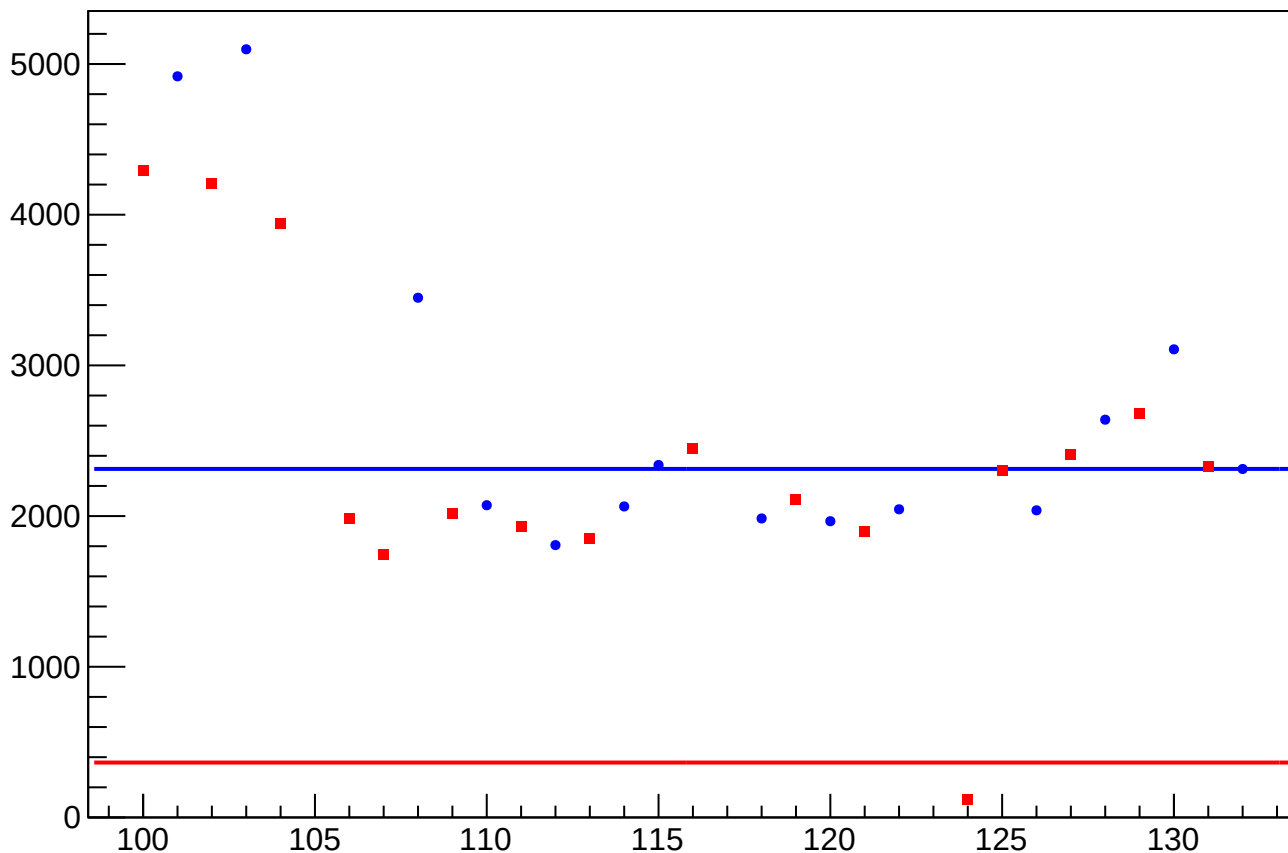
Right: -70.033 ± 302.211 χ^2/NDF : 29.6/29

In: -64.194 ± 997.514 χ^2/NDF : 11.4/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -70.033 ± 302.211 χ^2/NDF : 29.6/29

asym_atl_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2312.984+/-0.705 χ^2/NDF : 1037906.4/13

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

Right Out: 364.412+/-0.224 χ^2/NDF : 9538593.5/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

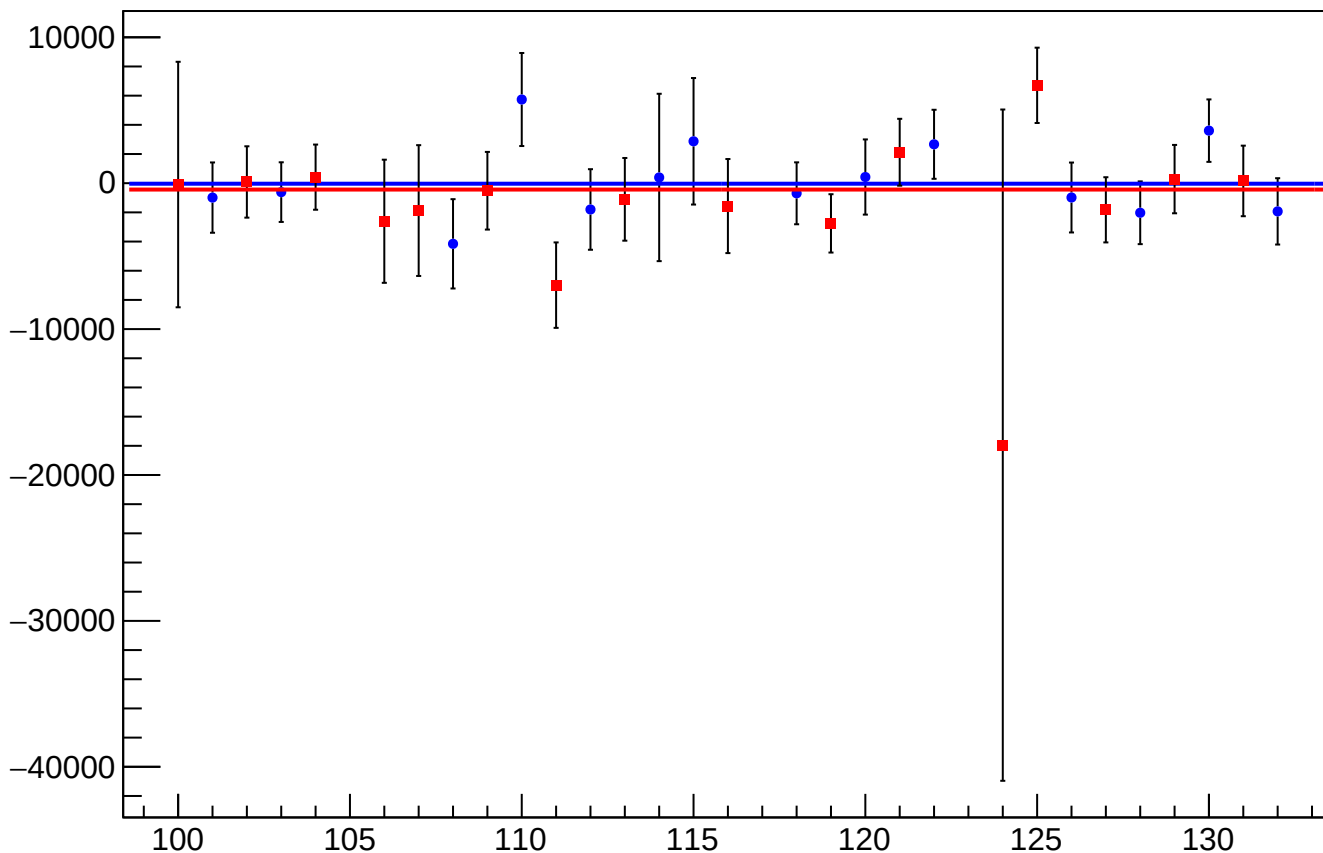
Right: 543.266+/-0.214 χ^2/NDF : 17507765.9/29

In: 2312.984+/-0.705 χ^2/NDF : 1037906.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 543.266+/-0.214 χ^2/NDF : 17507765.9/29

eigen_cor_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -35.443+/-676.512 χ^2/NDF : 12.2/13

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

Right Out: -436.038+/-688.012 χ^2/NDF : 17.1/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

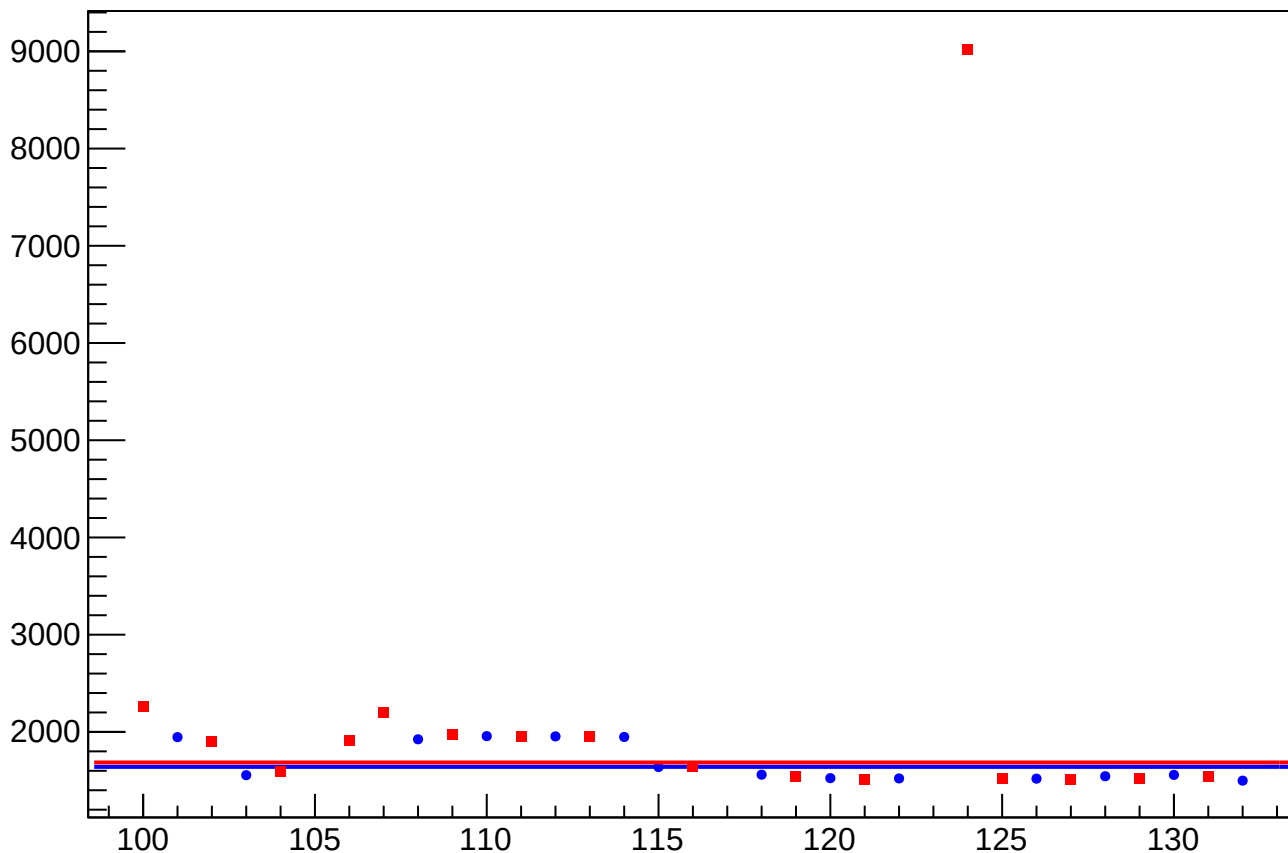
Right: -232.364+/-482.381 χ^2/NDF : 29.5/29

In: -35.443+/-676.512 χ^2/NDF : 12.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -232.364+/-482.381 χ^2/NDF : 29.5/29

eigen_cor_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1640.448+/-0.478 χ^2/NDF : 135908.0/13

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

Right Out: 1685.666+/-0.484 χ^2/NDF : 383173.6/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

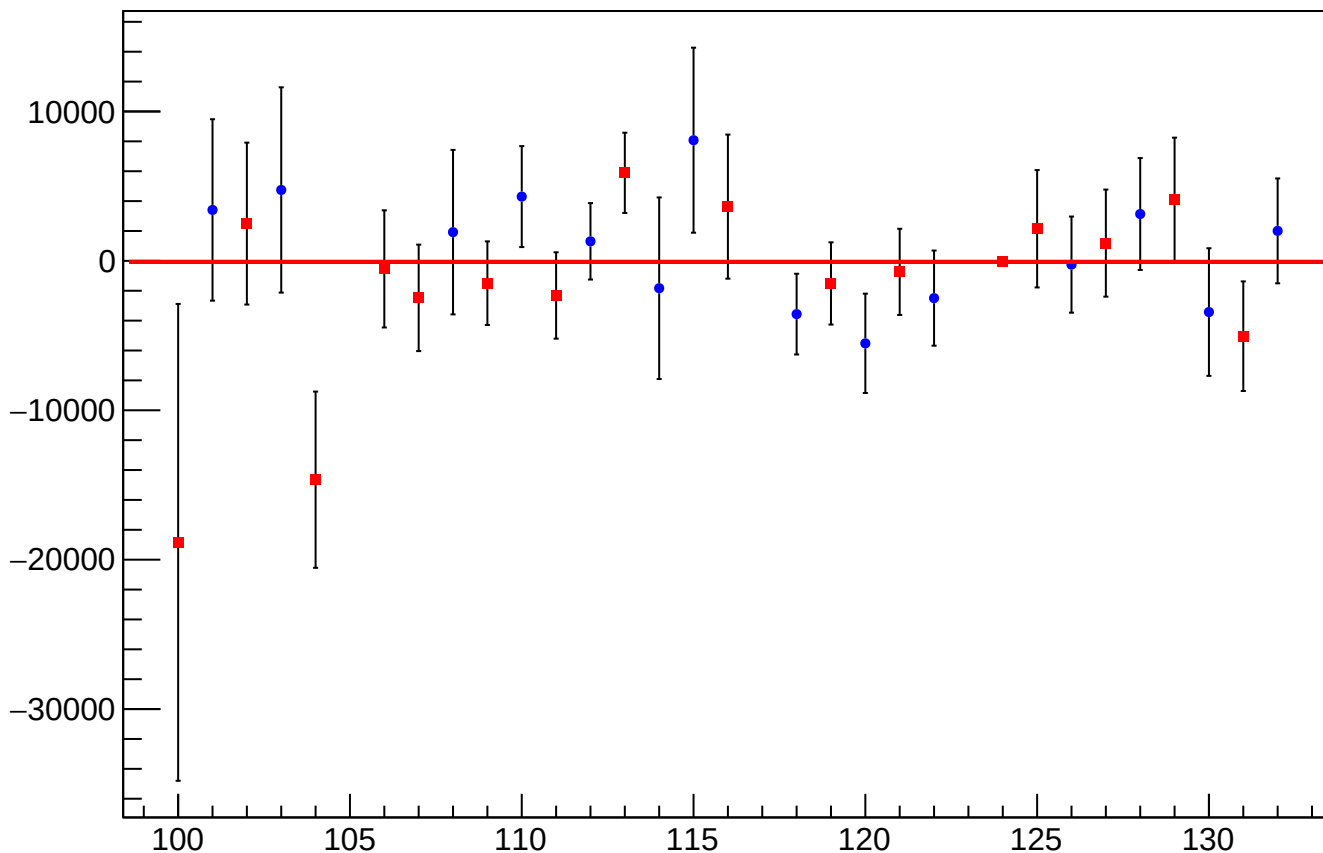
Right: 1662.786+/-0.340 χ^2/NDF : 523495.7/29

In: 1640.448+/-0.478 χ^2/NDF : 135908.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1662.786+/-0.340 χ^2/NDF : 523495.7/29

asym_atl_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -64.194 ± 997.514 $\chi^2/\text{NDF}: 11.4/13$

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

Right Out: -70.623 ± 317.115 $\chi^2/\text{NDF}: 18.2/15$

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

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

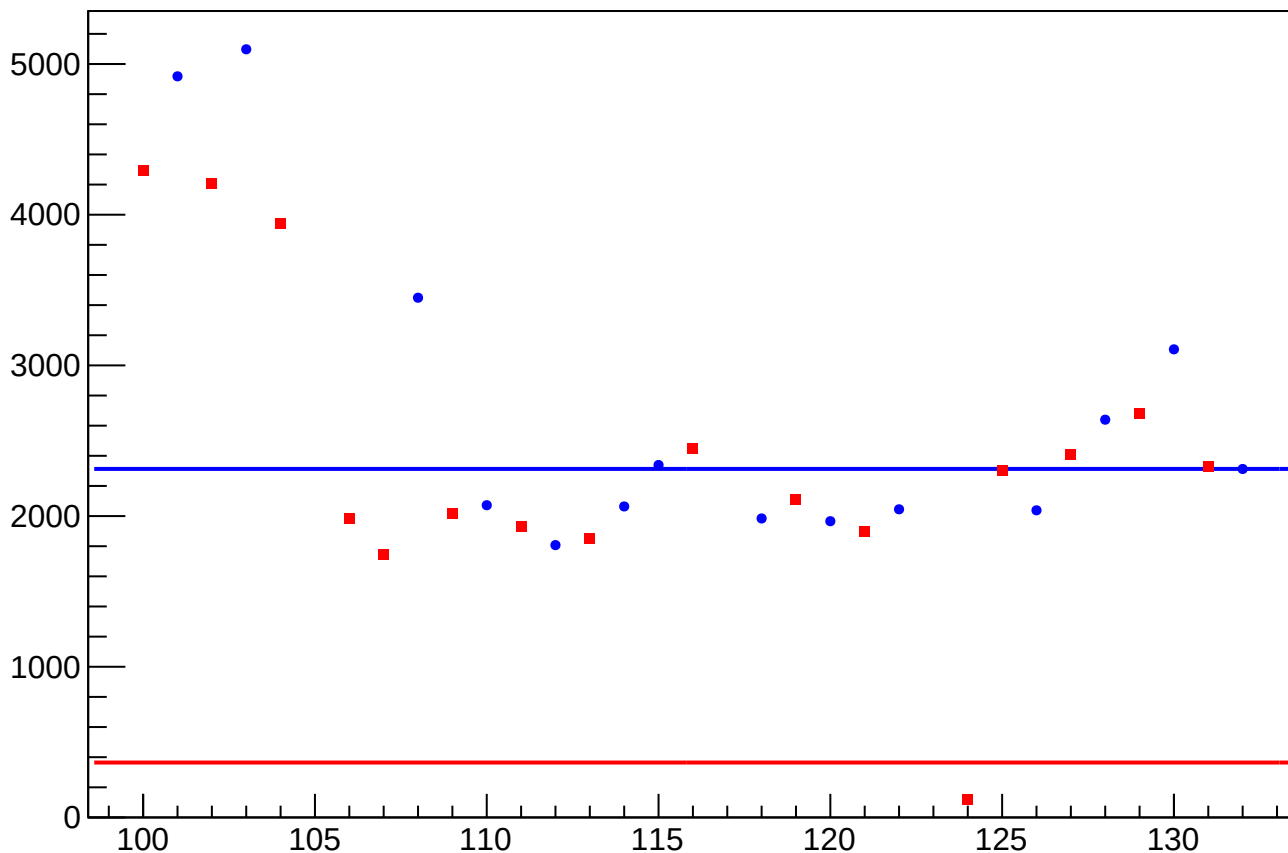
Right: -70.033 ± 302.211 $\chi^2/\text{NDF}: 29.6/29$

In: -64.194 ± 997.514 $\chi^2/\text{NDF}: 11.4/13$

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

All: -70.033 ± 302.211 $\chi^2/\text{NDF}: 29.6/29$

asym_atl_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2312.984 $\pm$ 0.705 χ^2 /NDF: 1037906.4/13

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

Right Out: 364.412 $\pm$ 0.224 χ^2 /NDF: 9538593.5/15

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

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

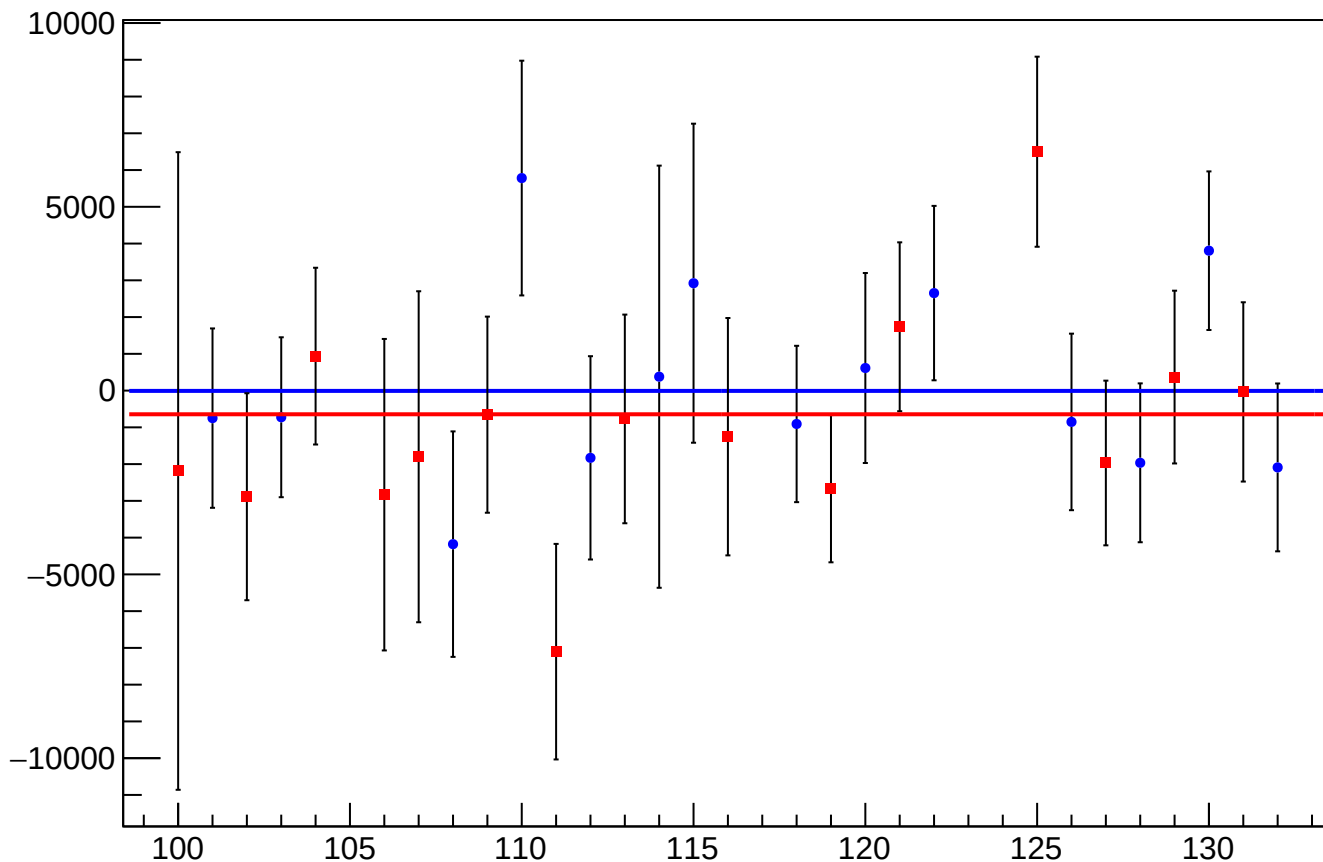
Right: 543.266 $\pm$ 0.214 χ^2 /NDF: 17507765.9/29

In: 2312.984 $\pm$ 0.705 χ^2 /NDF:1037906.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 543.266 $\pm$ 0.214 χ^2 /NDF: 17507765.9/29

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -8.271+/-683.486 χ^2/NDF : 12.6/13

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

Right Out: -644.152+/-701.674 χ^2/NDF : 16.6/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

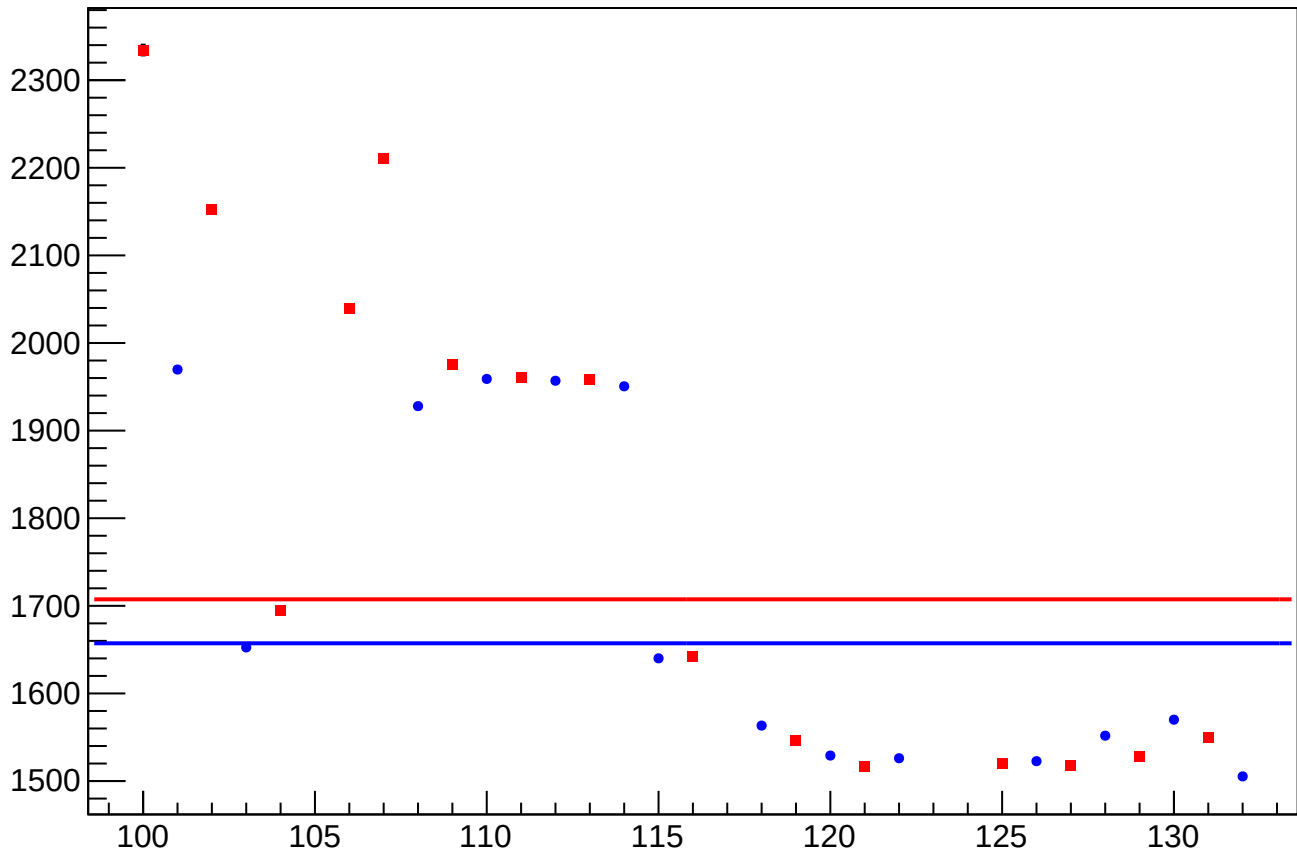
Right: -317.864+/-489.601 χ^2/NDF : 29.7/28

In: -8.271+/-683.486 χ^2/NDF : 12.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -317.864+/-489.601 χ^2/NDF : 29.7/28

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1657.239+/-0.483 χ^2/NDF : 133093.5/13

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

Right Out: 1707.426+/-0.495 χ^2/NDF : 223210.1/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

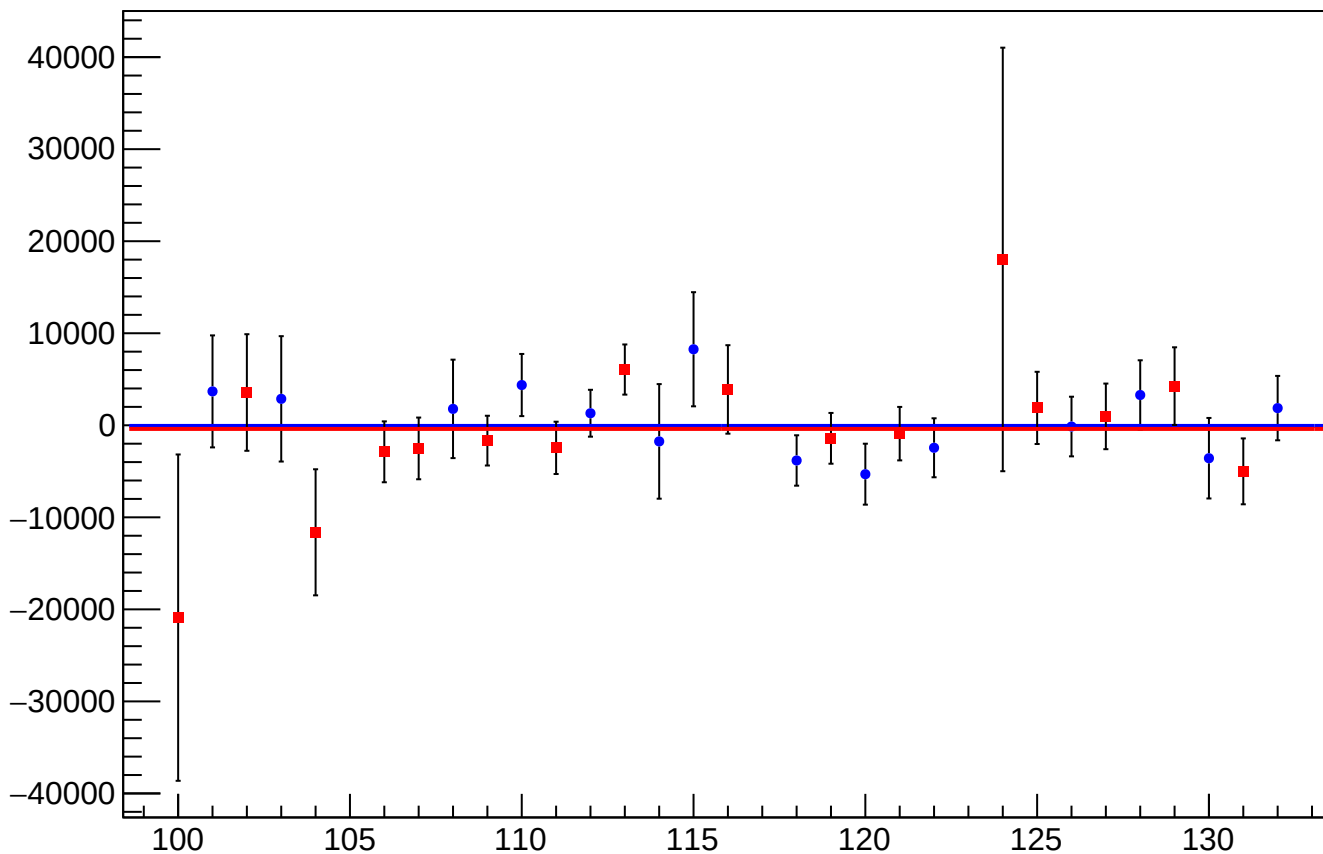
Right: 1681.742+/-0.346 χ^2/NDF : 361568.4/28

In: 1657.239+/-0.483 χ^2/NDF : 133093.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1681.742+/-0.346 χ^2/NDF : 361568.4/28

asym_atl_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -70.221 ± 1000.666 $\chi^2/\text{NDF}: 11.3/13$

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

Right Out: -394.903 ± 913.555 $\chi^2/\text{NDF}: 16.7/15$

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

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

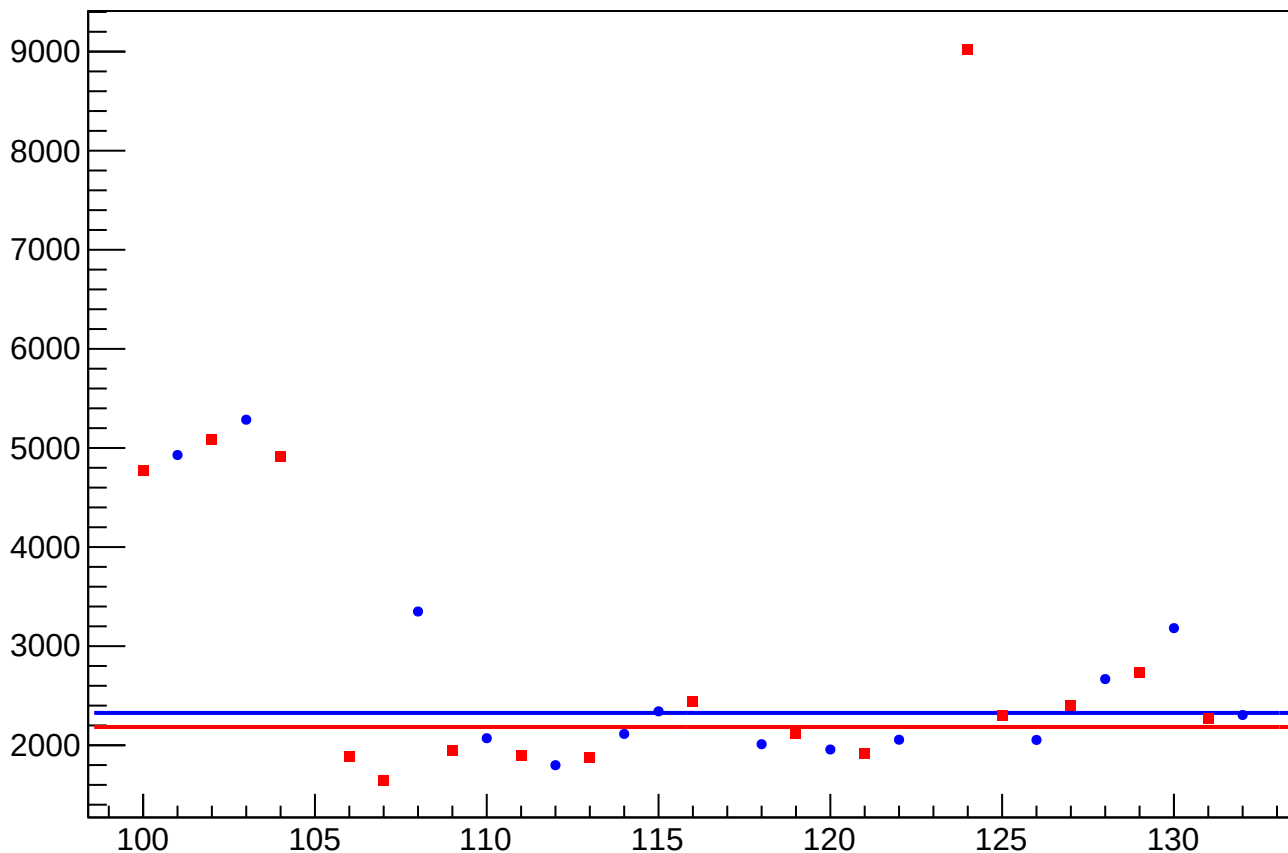
Right: -247.307 ± 674.680 $\chi^2/\text{NDF}: 28.0/29$

In: -70.221 ± 1000.666 $\chi^2/\text{NDF}: 11.3/13$

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

All: -247.307 ± 674.680 $\chi^2/\text{NDF}: 28.0/29$

asym_atl_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2326.307+/-0.708 χ^2/NDF : 1089079.3/13

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

Right Out: 2184.286+/-0.646 χ^2/NDF : 1155581.8/15

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

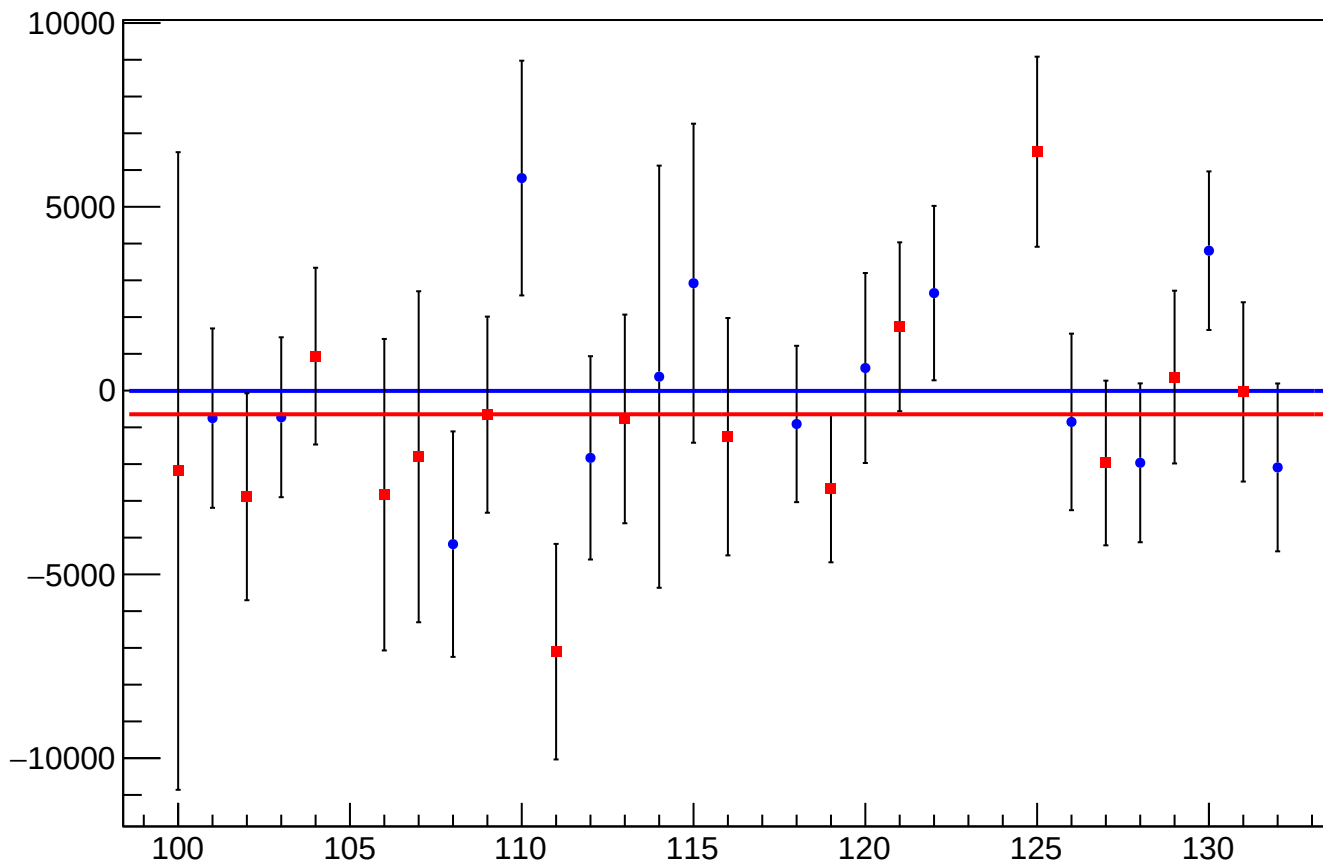
Right: 2248.847+/-0.477 χ^2/NDF : 2266633.8/29

In: 2326.307+/-0.708 χ^2/NDF : 1089079.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2248.847+/-0.477 χ^2/NDF : 2266633.8/29

eigen_dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -8.278 ± 683.486 χ^2/NDF : 12.6/13

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

Right Out: -644.157 ± 701.674 χ^2/NDF : 16.6/14

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

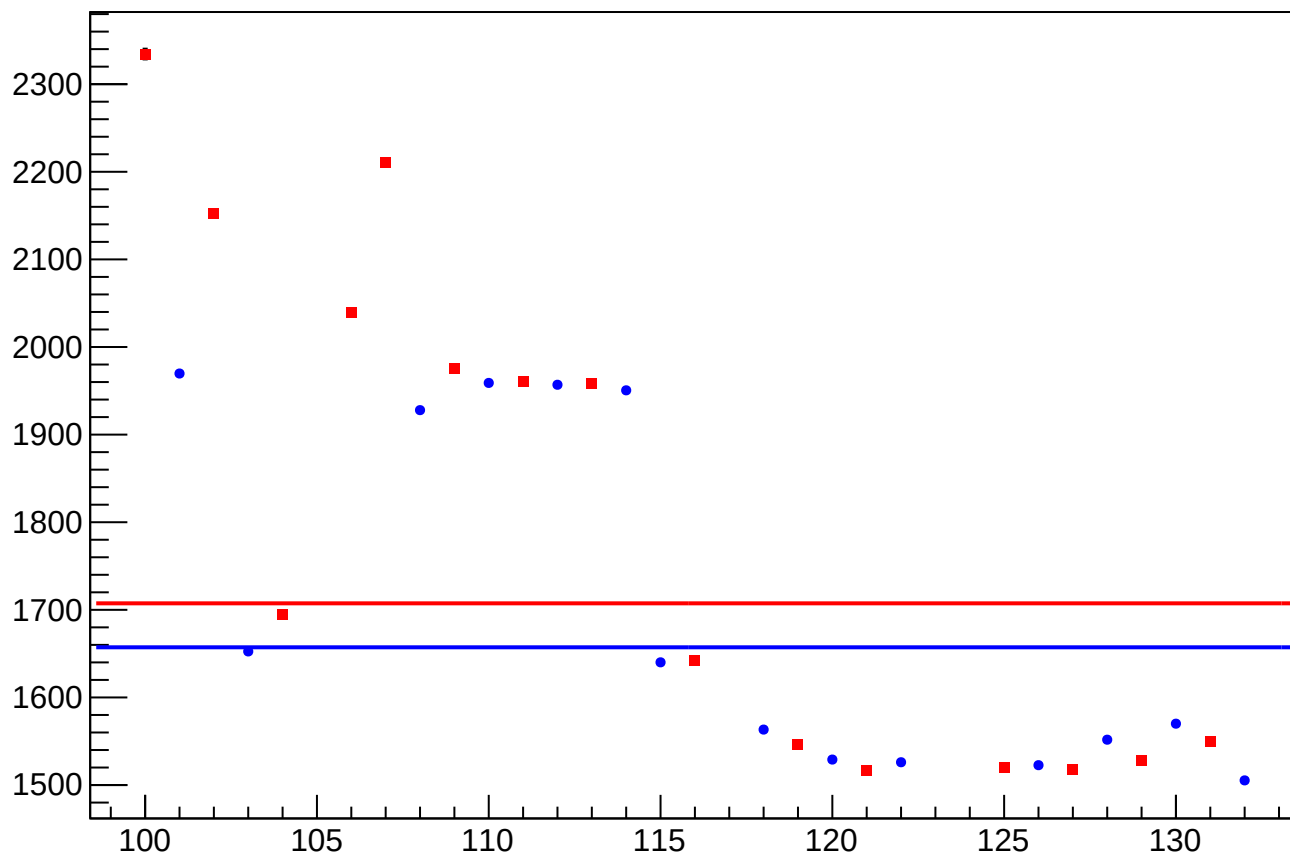
Right: -317.870 ± 489.601 χ^2/NDF : 29.7/28

In: -8.278 ± 683.486 χ^2/NDF : 12.6/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -317.870 ± 489.601 χ^2/NDF : 29.7/28

eigen_dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1657.239+/-0.483 χ^2/NDF : 133093.5/13

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

Right Out: 1707.426+/-0.495 χ^2/NDF : 223209.3/14

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

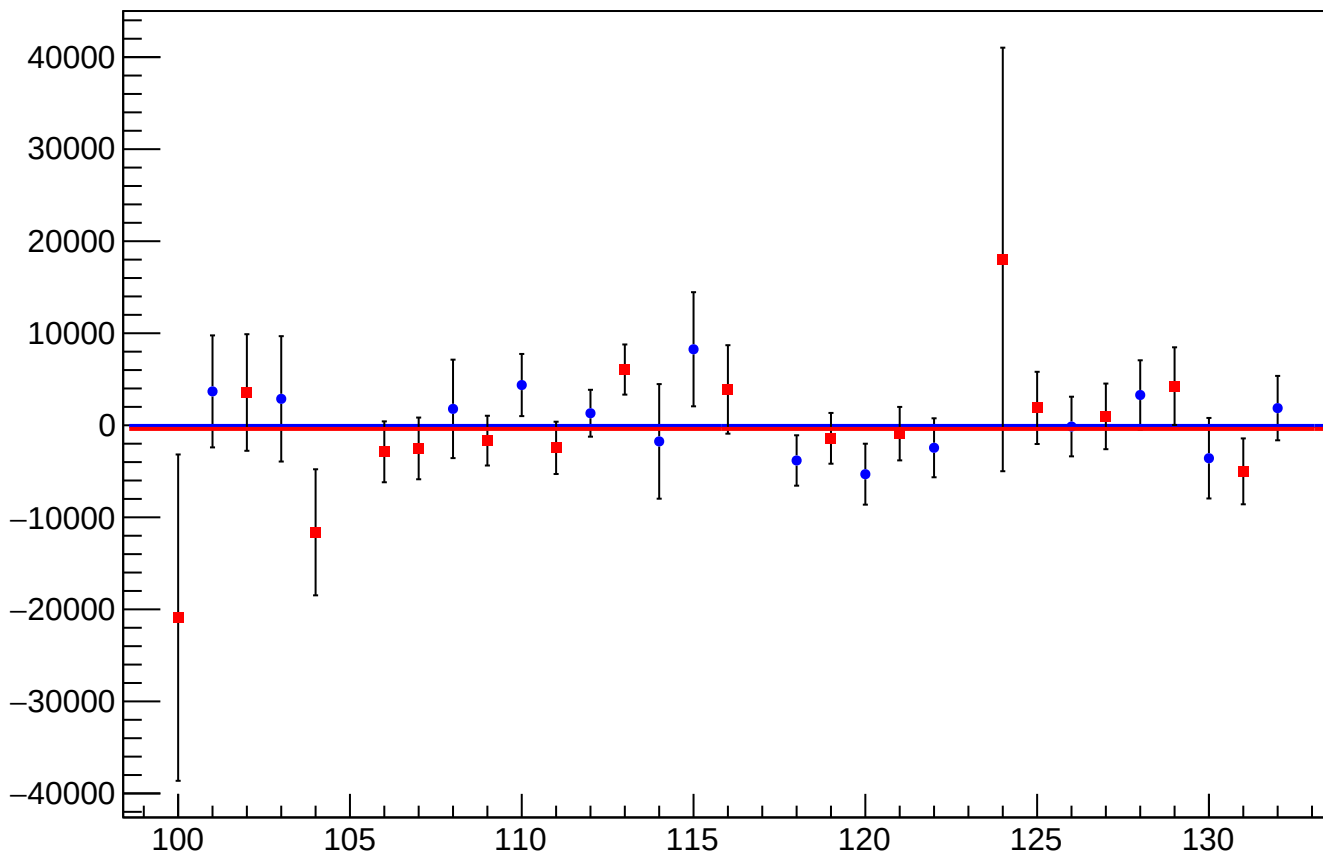
Right: 1681.742+/-0.346 χ^2/NDF : 361567.7/28

In: 1657.239+/-0.483 χ^2/NDF : 133093.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1681.742+/-0.346 χ^2/NDF : 361567.7/28

asym_atl_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -70.225 ± 1000.662 $\chi^2/\text{NDF}: 11.3/13$

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

Right Out: -394.906 ± 913.552 $\chi^2/\text{NDF}: 16.7/15$

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

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

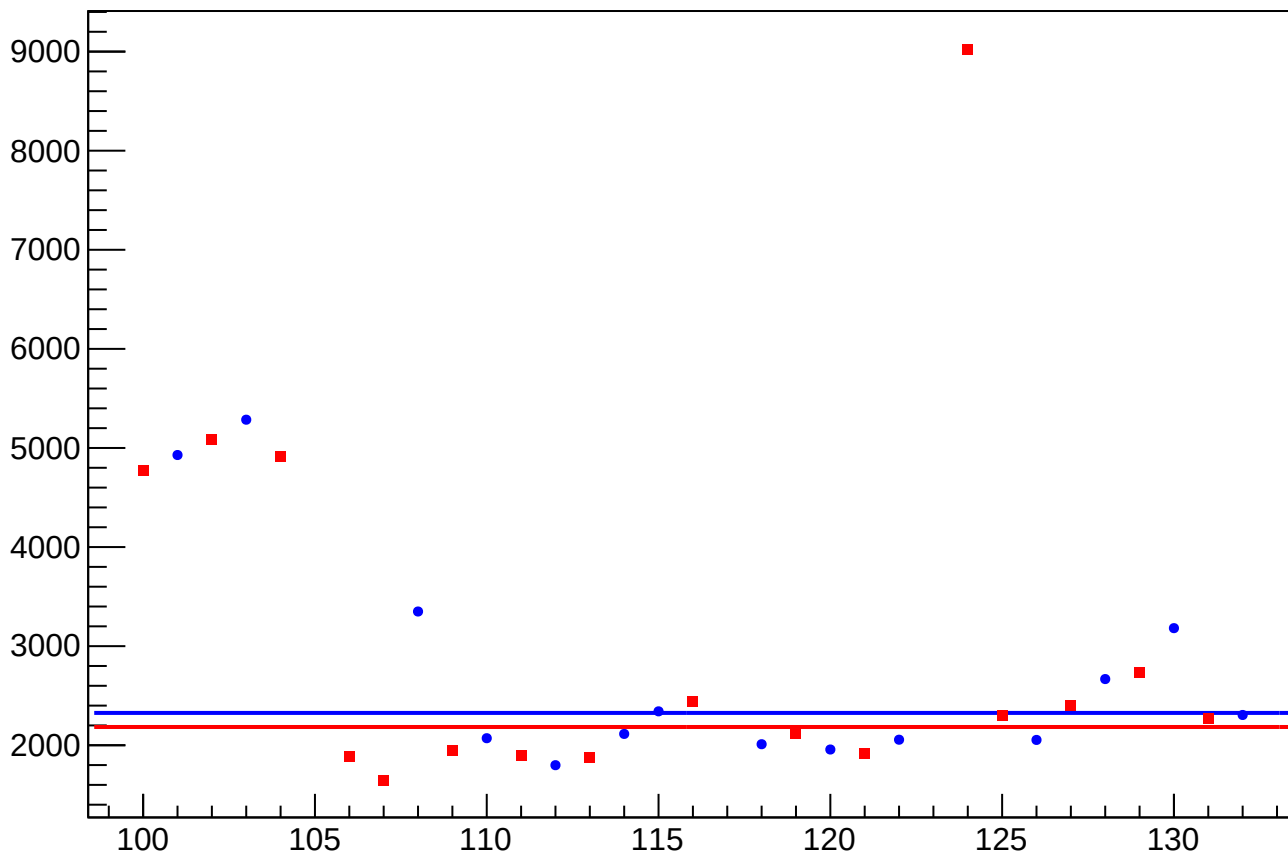
Right: -247.310 ± 674.677 $\chi^2/\text{NDF}: 28.0/29$

In: -70.225 ± 1000.662 $\chi^2/\text{NDF}: 11.3/13$

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

All: -247.310 ± 674.677 $\chi^2/\text{NDF}: 28.0/29$

asym_atl_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2326.296+/-0.708 χ^2/NDF : 1089086.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2184.278+/-0.646 χ^2/NDF : 1155586.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

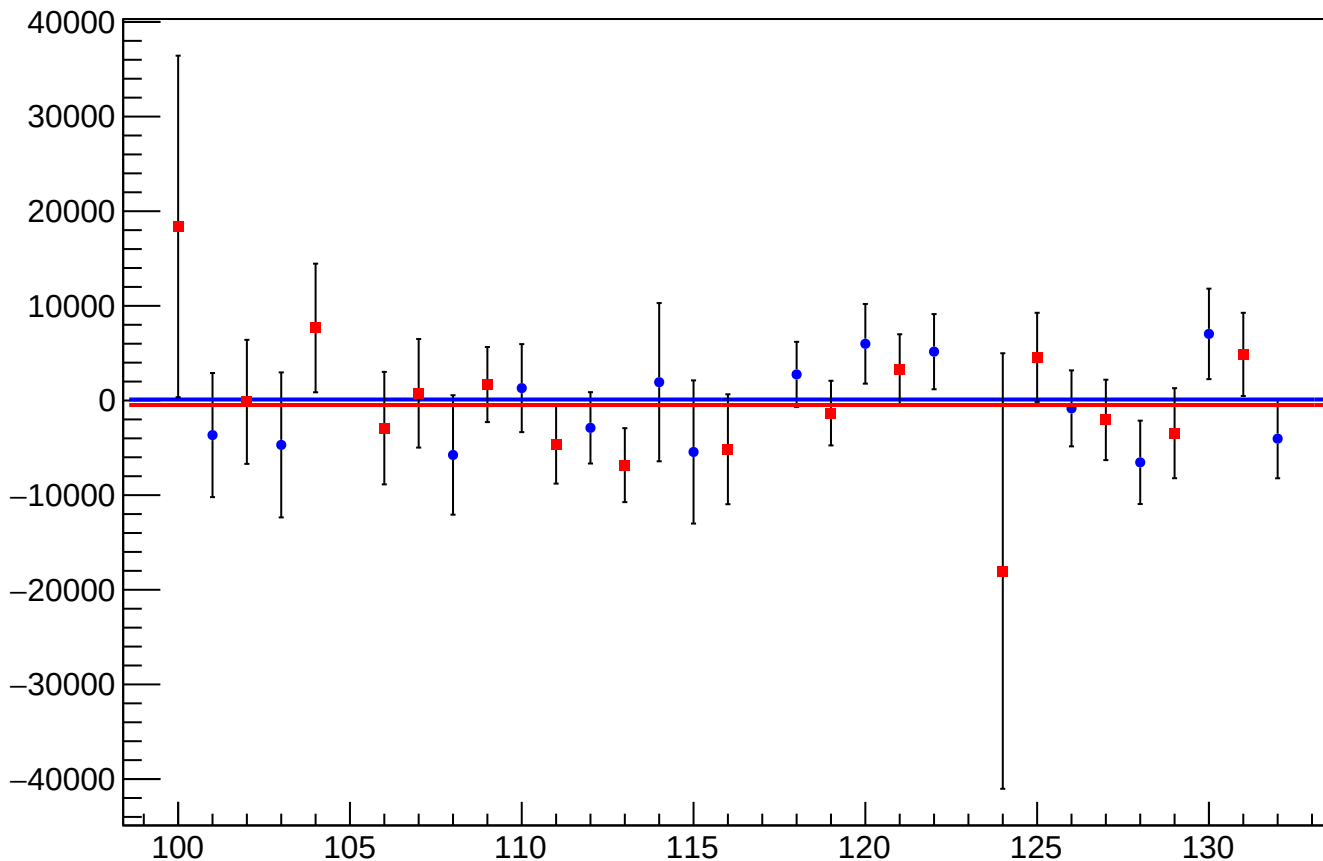
Right: 2248.838+/-0.477 χ^2/NDF : 2266644.8/29

In: 2326.296+/-0.708 χ^2/NDF : 1089086.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2248.838+/-0.477 χ^2/NDF : 2266644.8/29

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 105.662 $\pm$ 1257.459 χ^2 /NDF: 12.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -476.080 $\pm$ 1211.163 χ^2 /NDF: 12.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

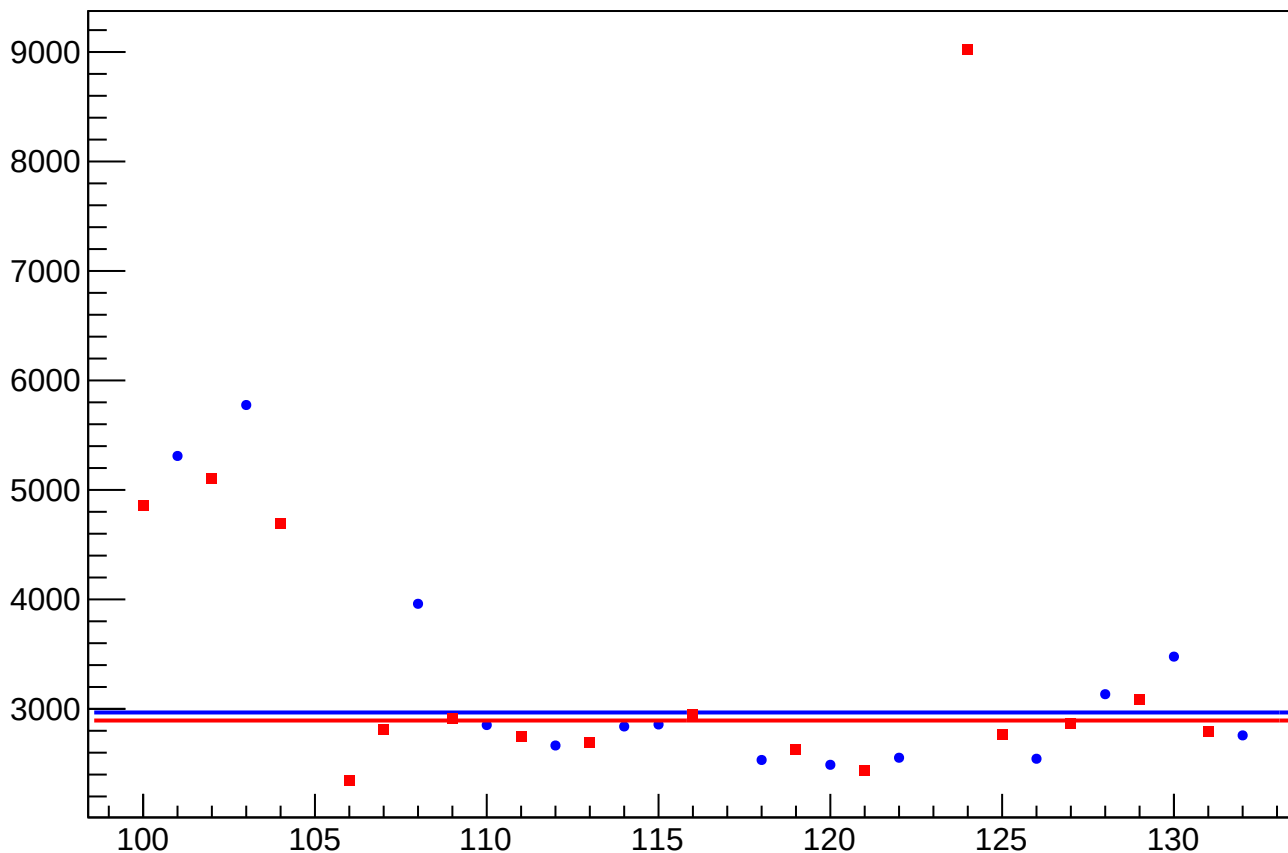
Right: -196.116 $\pm$ 872.329 χ^2 /NDF: 24.8/29

In: 105.662 $\pm$ 1257.459 χ^2 /NDF:12.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -196.116 $\pm$ 872.329 χ^2 /NDF: 24.8/29

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 2967.202+/-0.889 χ^2/NDF : 720558.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2893.780+/-0.844 χ^2/NDF : 620053.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

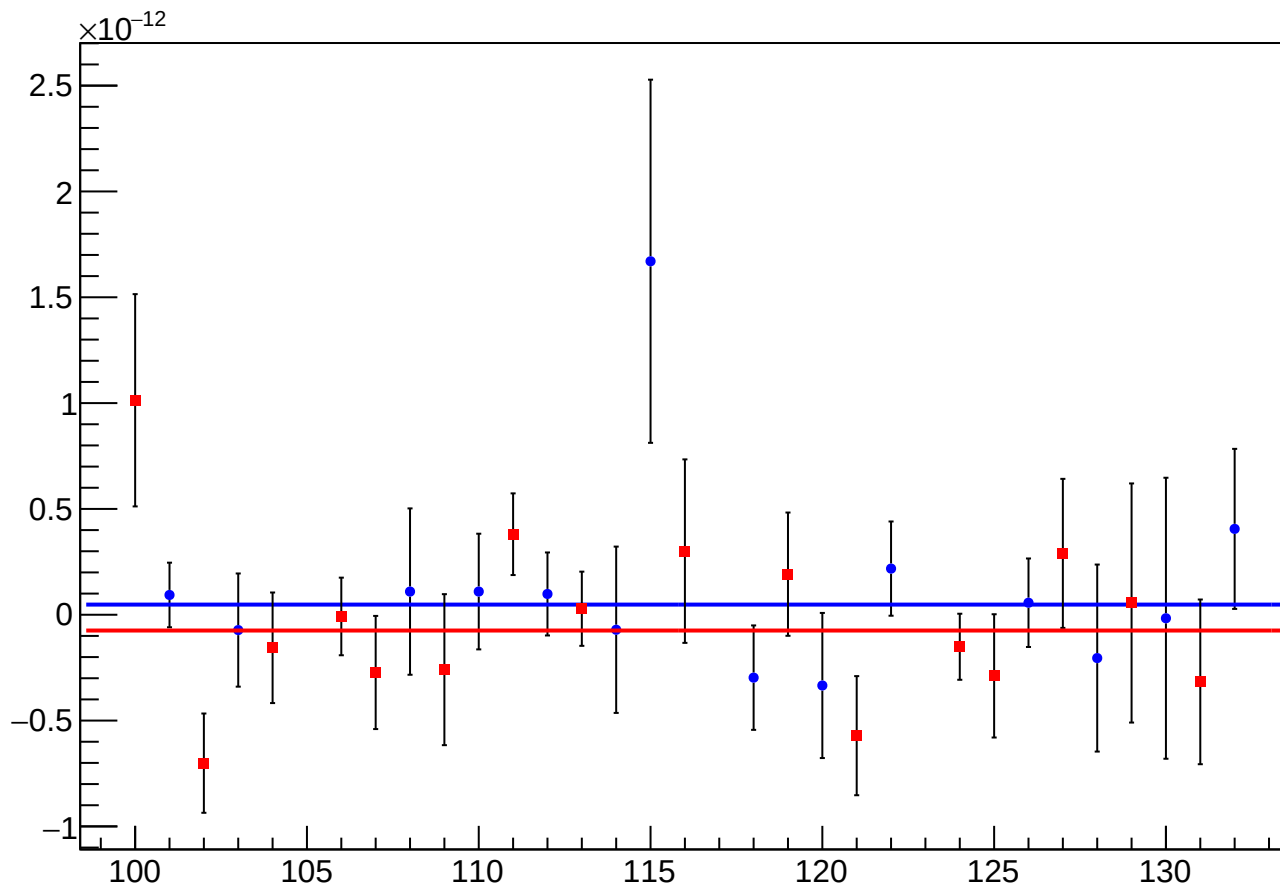
Right: 2928.566+/-0.612 χ^2/NDF : 1344199.7/29

In: 2967.202+/-0.889 χ^2/NDF : 720558.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2928.566+/-0.612 χ^2/NDF : 1344199.7/29

asym_atl_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 25.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

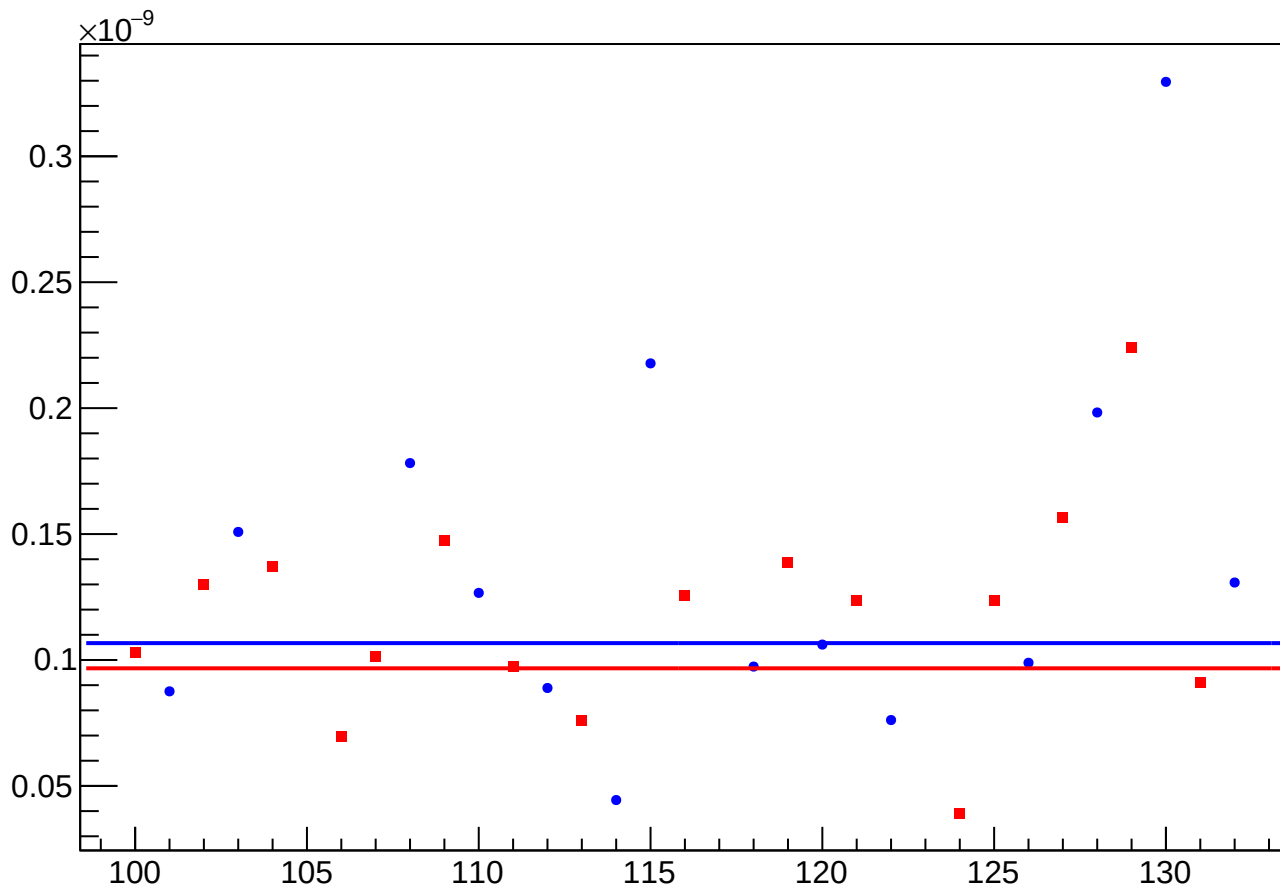
Right: -0.000+/-0.000 χ^2/NDF : 36.5/29

In: 0.000+/-0.000 χ^2/NDF : 9.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 36.5/29

asym_atl_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 625907.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 720827.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

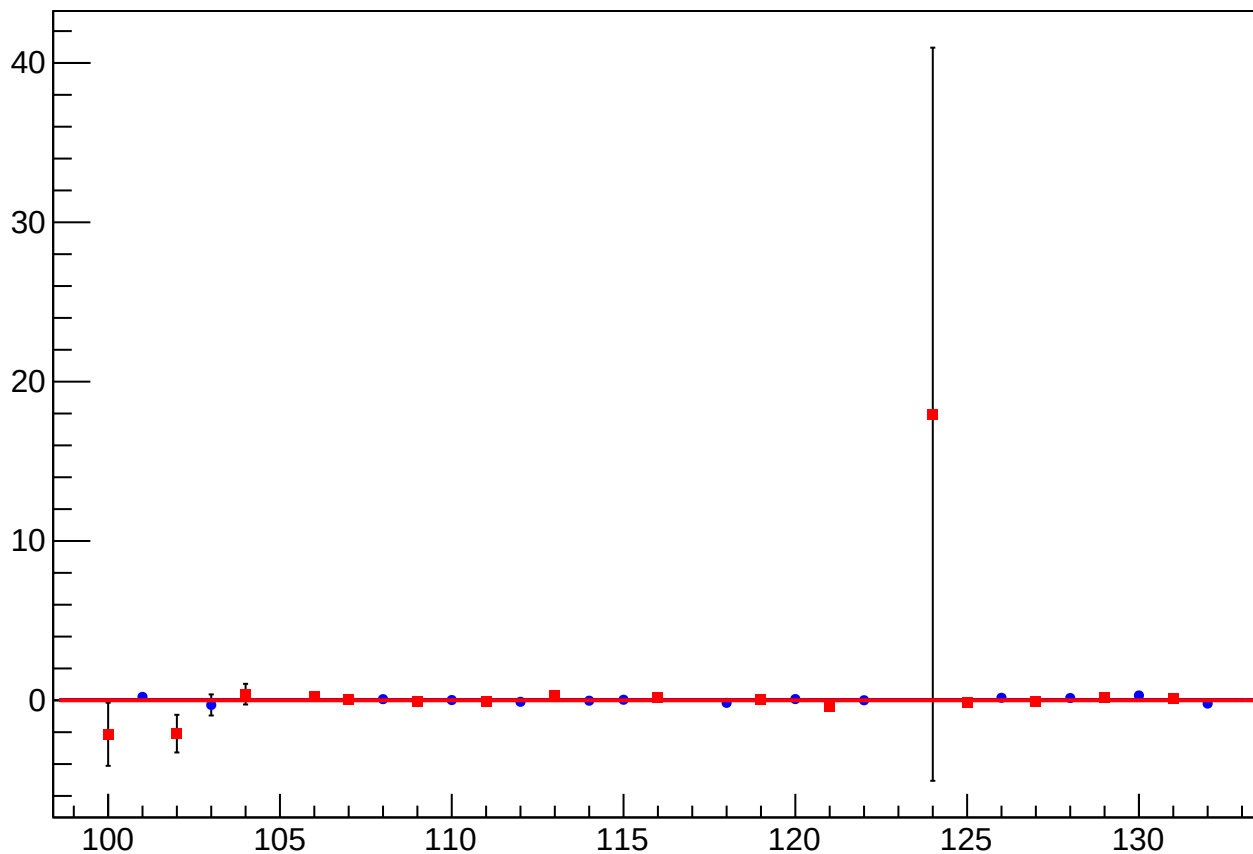
Right: 0.000+/-0.000 χ^2/NDF : 1368484.2/29

In: 0.000+/-0.000 χ^2/NDF : 625907.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1368484.2/29

asym_atl_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.047 χ^2/NDF : 8.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.044 χ^2/NDF : 20.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

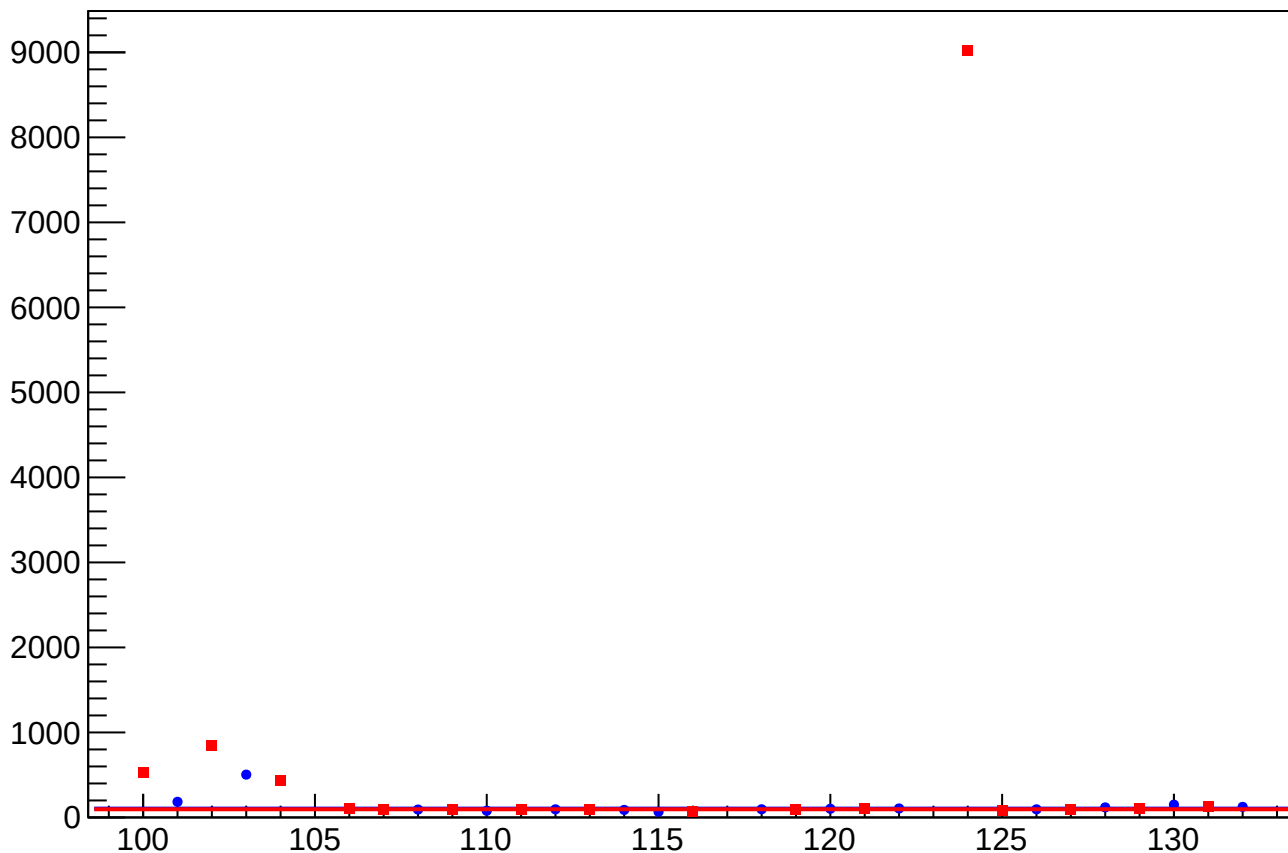
Right: 0.011+/-0.032 χ^2/NDF : 28.8/29

In: 0.020+/-0.047 χ^2/NDF : 8.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.032 χ^2/NDF : 28.8/29

asym_atl_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 103.873+/-0.033 χ^2/NDF : 1277429.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.486+/-0.031 χ^2/NDF : 1864989.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

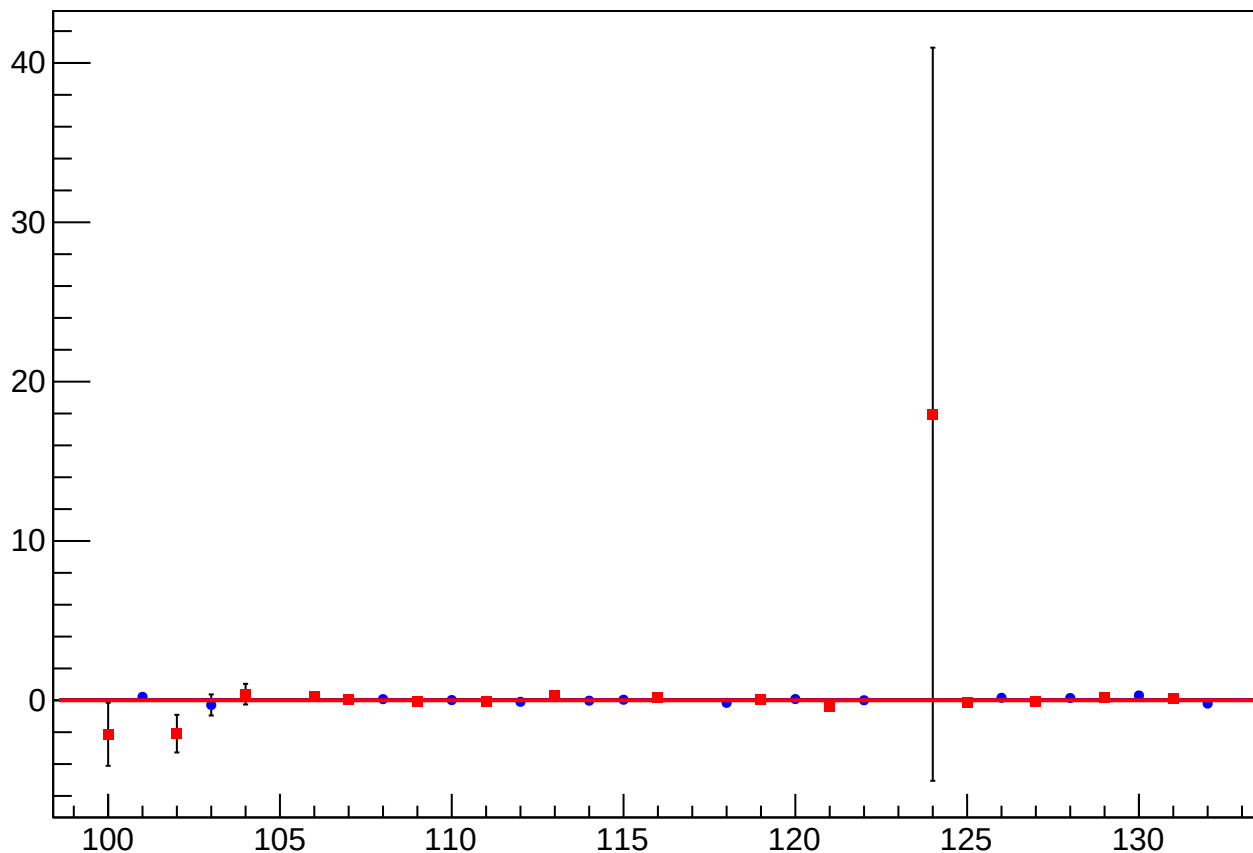
Right: 99.998+/-0.023 χ^2/NDF : 3168833.8/29

In: 103.873+/-0.033 χ^2/NDF : 1277429.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.998+/-0.023 χ^2/NDF : 3168833.8/29

asym_atl_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.047 χ^2/NDF : 8.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.044 χ^2/NDF : 20.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

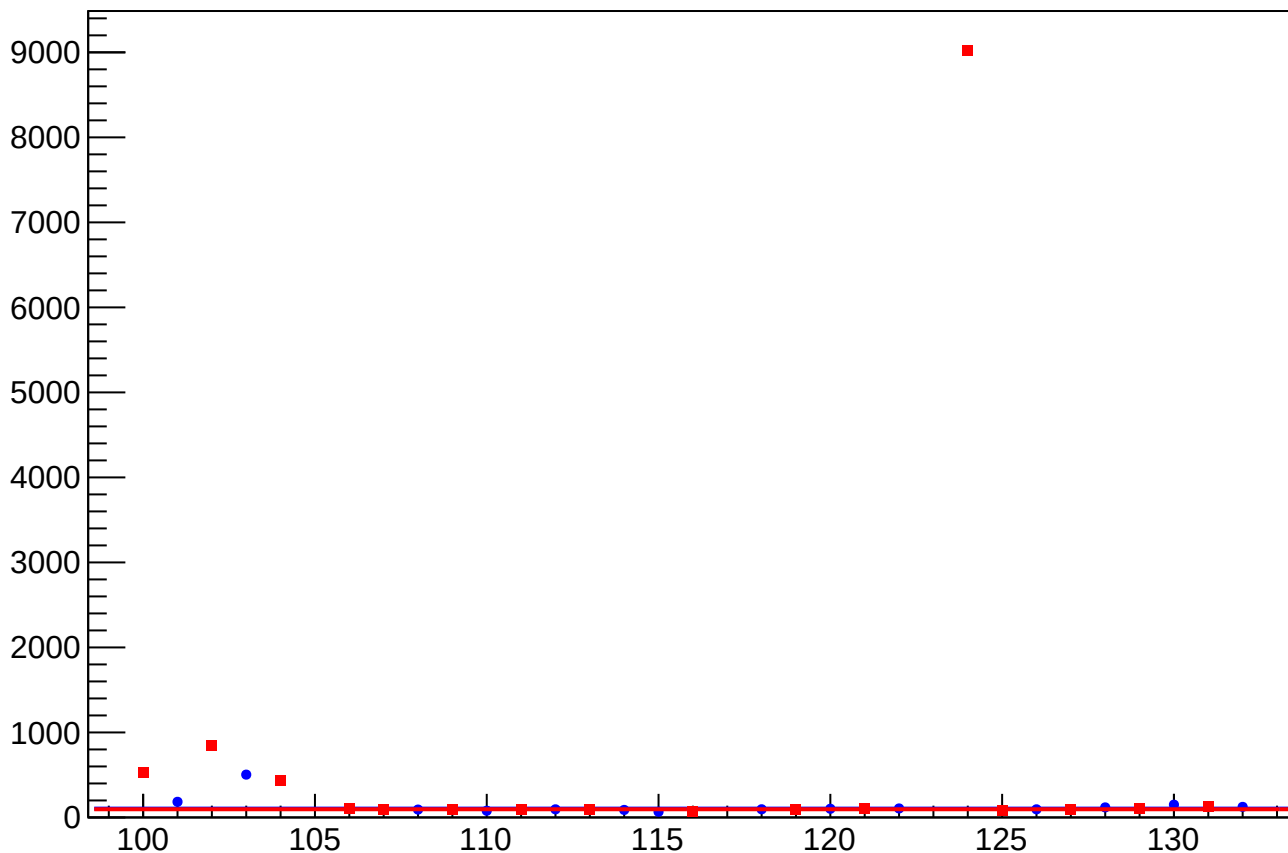
Right: 0.011+/-0.032 χ^2/NDF : 28.8/29

In: 0.020+/-0.047 χ^2/NDF : 8.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.032 χ^2/NDF : 28.8/29

asym_atl_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 103.873+/-0.033 χ^2/NDF : 1277429.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.486+/-0.031 χ^2/NDF : 1864989.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

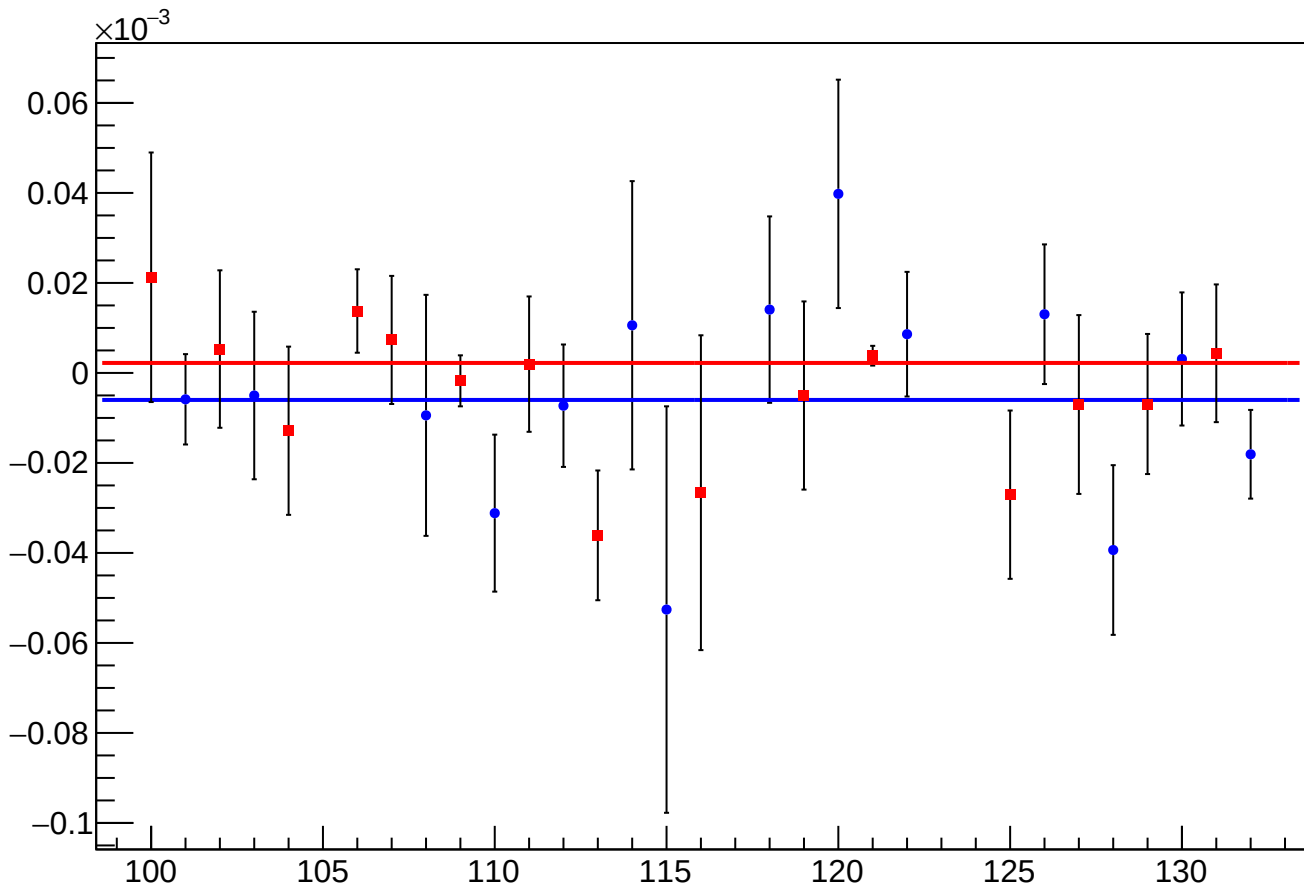
Right: 99.998+/-0.023 χ^2/NDF : 3168833.8/29

In: 103.873+/-0.033 χ^2/NDF : 1277429.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.998+/-0.023 χ^2/NDF : 3168833.8/29

asym_atl_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

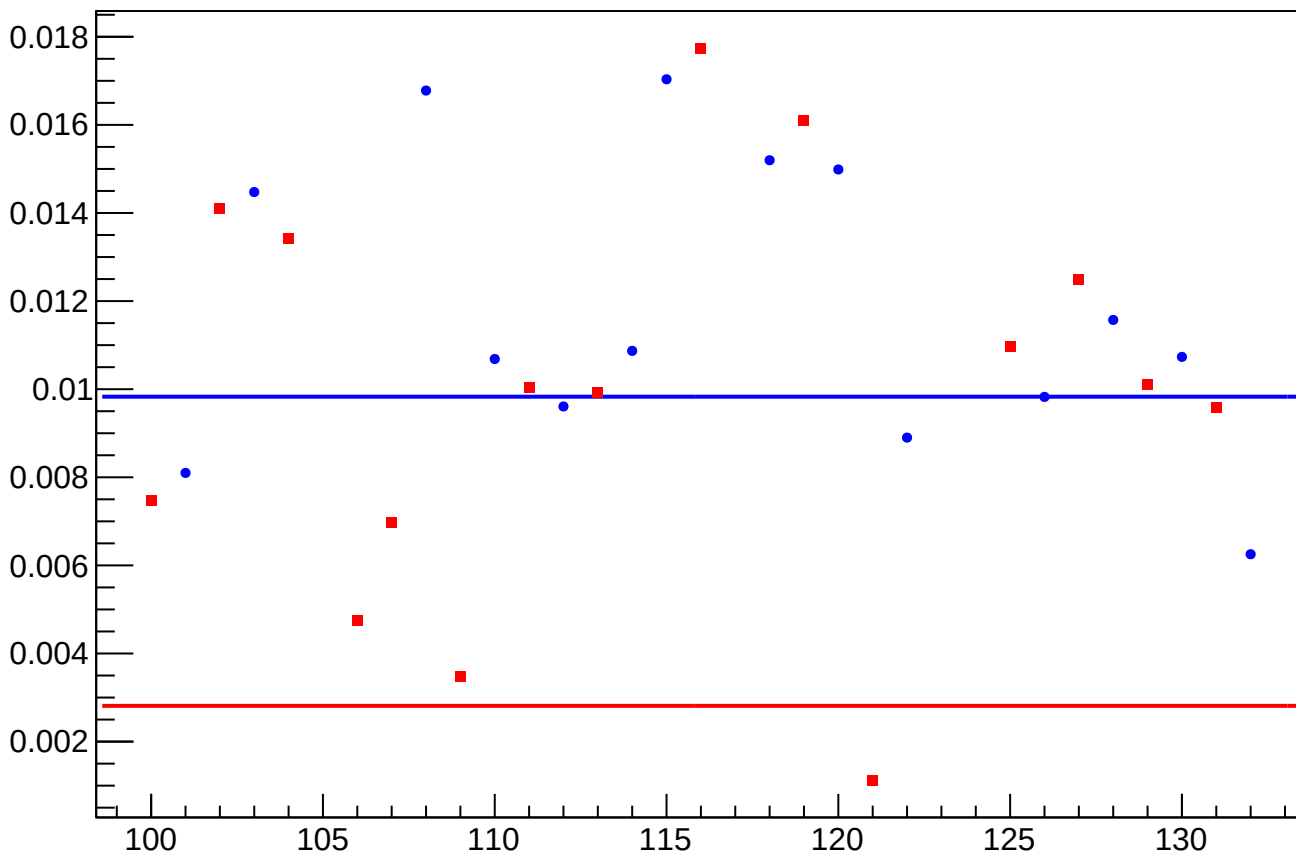
Right: 0.000+/-0.000 χ^2/NDF : 33.2/28

In: -0.000+/-0.000 χ^2/NDF : 15.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.2/28

asym_atl_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 890811.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 6825806.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

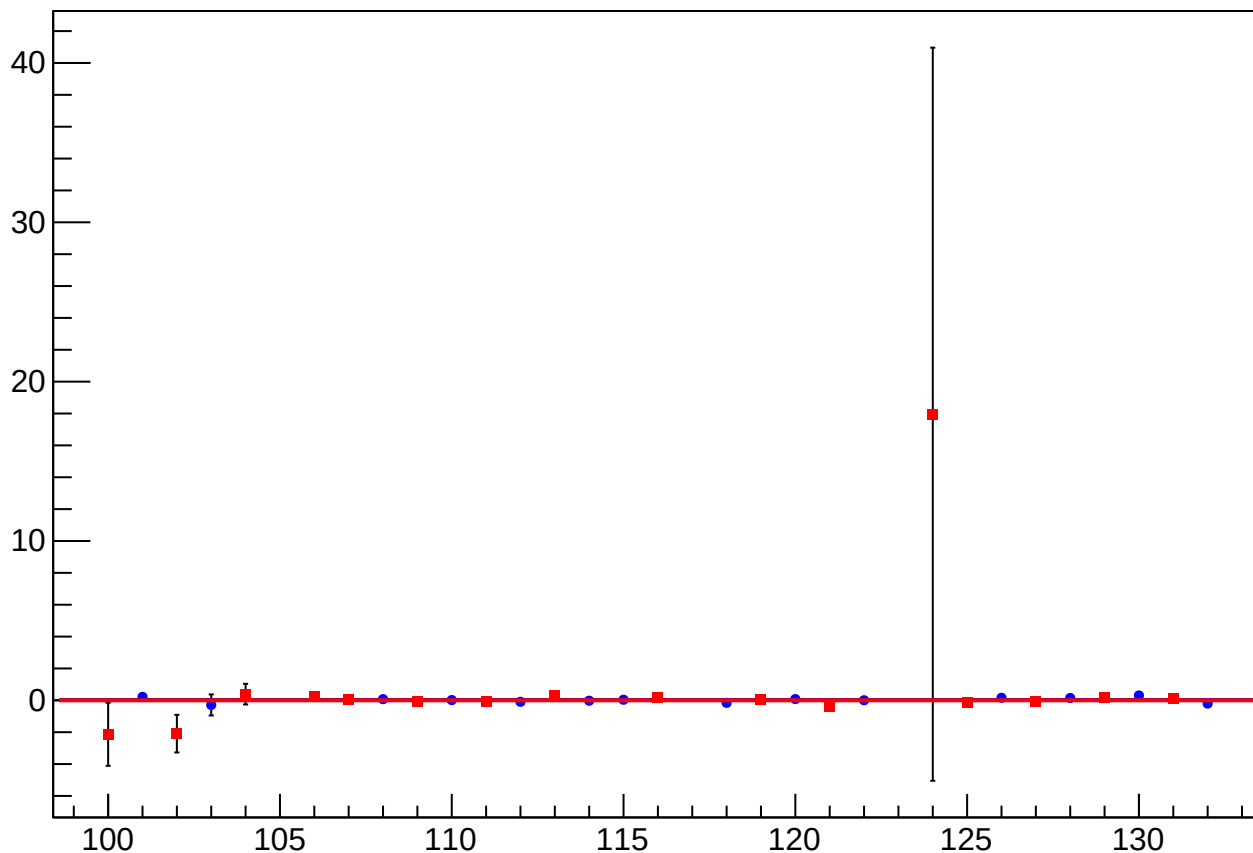
Right: 0.004+/-0.000 χ^2/NDF : 12288233.2/28

In: 0.010+/-0.000 χ^2/NDF :890811.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 12288233.2/28

asym_atl_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.047 χ^2/NDF : 8.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.044 χ^2/NDF : 20.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

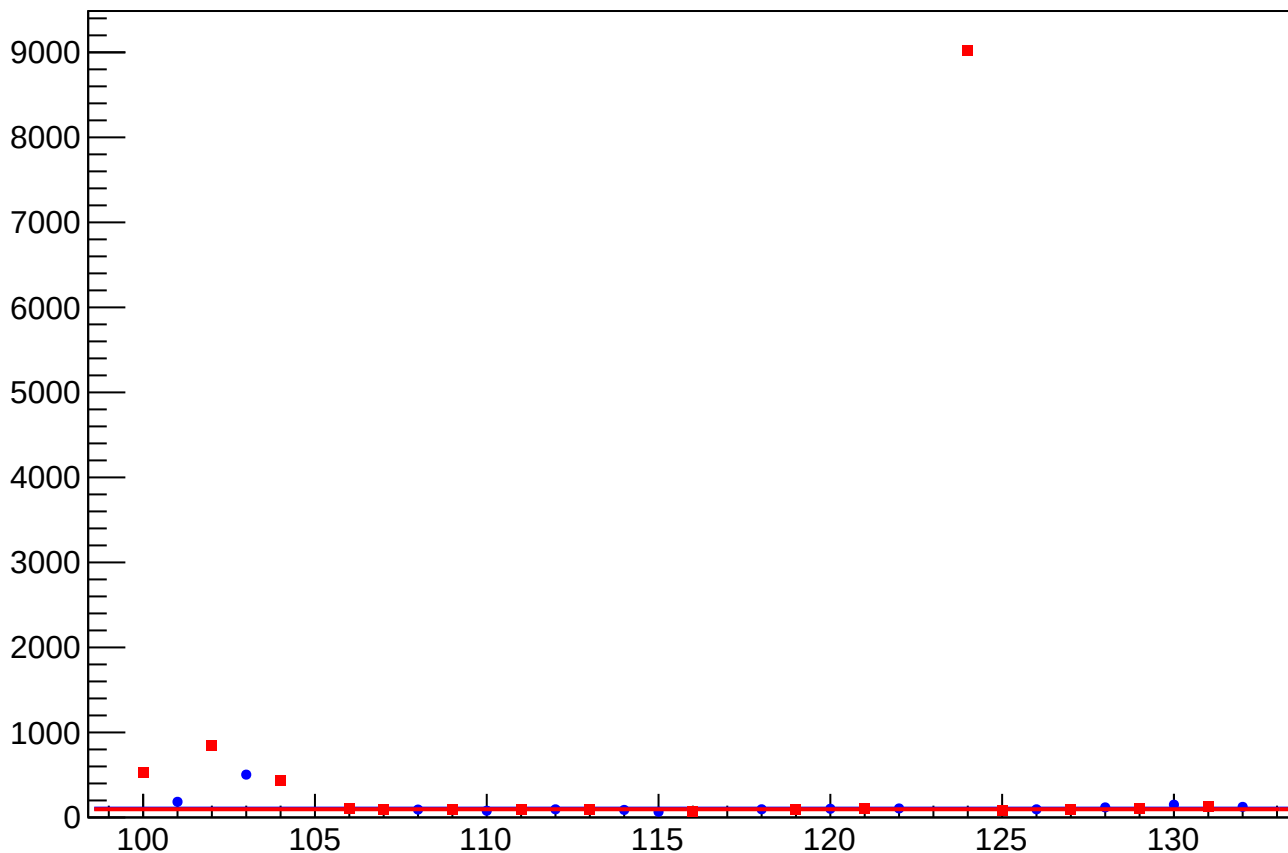
Right: 0.011+/-0.032 χ^2/NDF : 28.8/29

In: 0.020+/-0.047 χ^2/NDF : 8.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.032 χ^2/NDF : 28.8/29

asym_atl_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 103.874+/-0.033 χ^2/NDF : 1277357.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.487+/-0.031 χ^2/NDF : 1864923.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

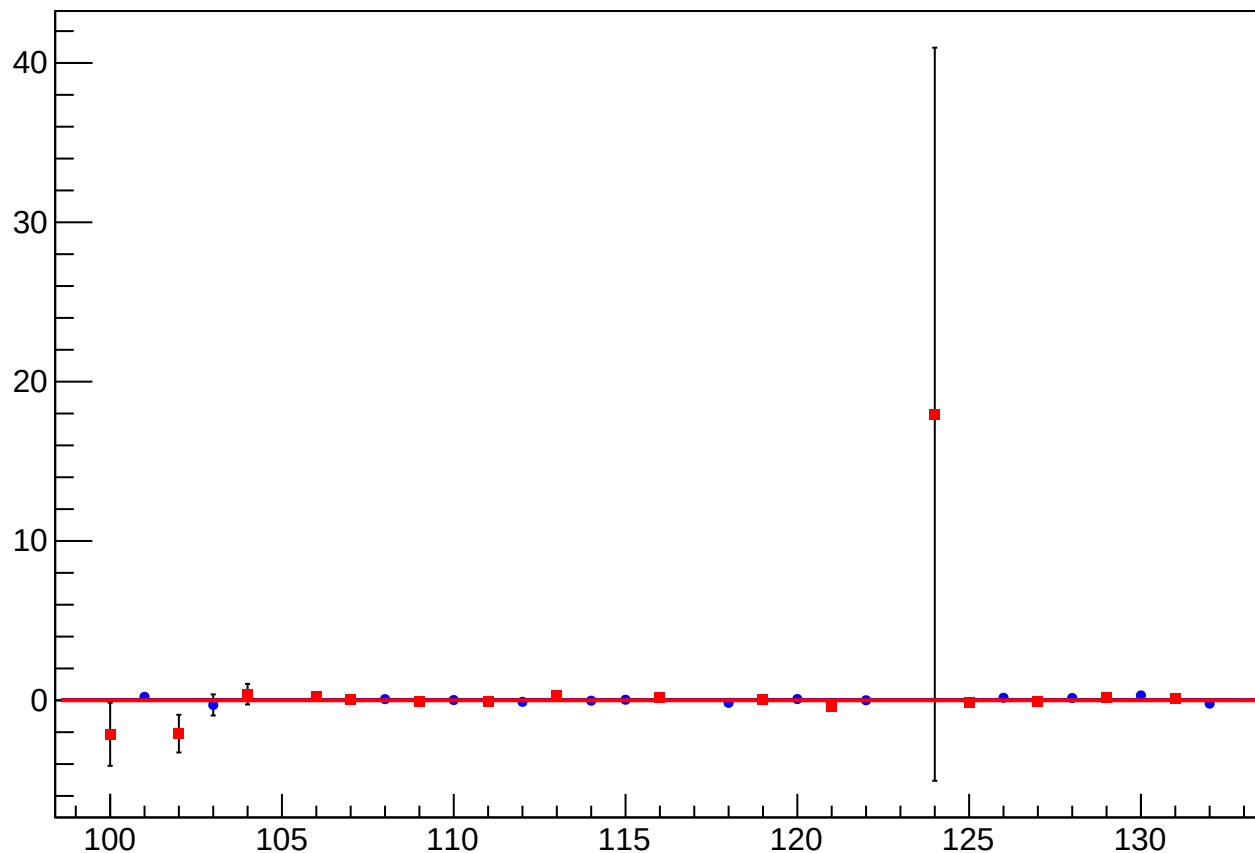
Right: 99.999+/-0.023 χ^2/NDF : 3168691.7/29

In: 103.874+/-0.033 χ^2/NDF : 1277357.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.999+/-0.023 χ^2/NDF : 3168691.7/29

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.047 χ^2/NDF : 8.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.044 χ^2/NDF : 20.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

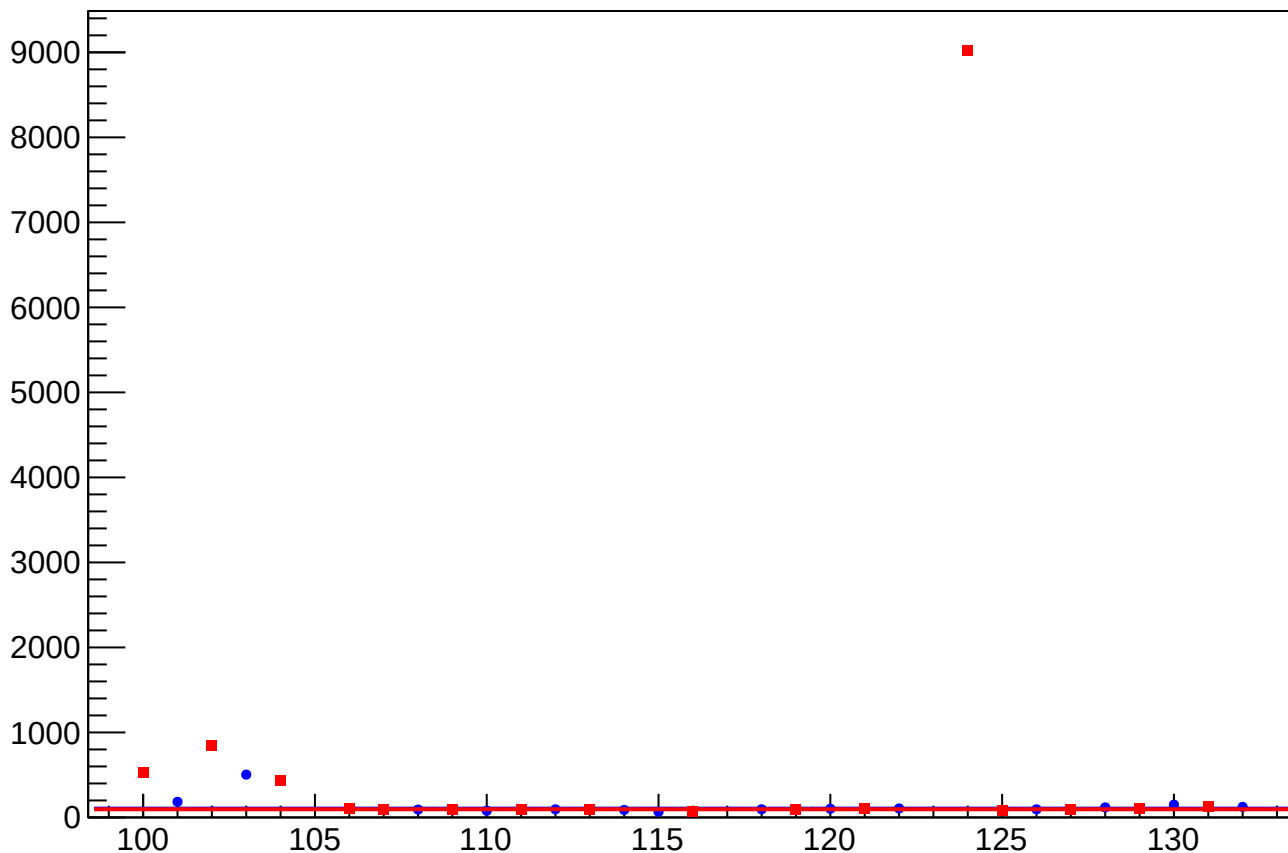
Right: 0.011+/-0.032 χ^2/NDF : 28.8/29

In: 0.020+/-0.047 χ^2/NDF : 8.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.032 χ^2/NDF : 28.8/29

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 103.874+/-0.033 χ^2/NDF : 1277357.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.487+/-0.031 χ^2/NDF : 1864923.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

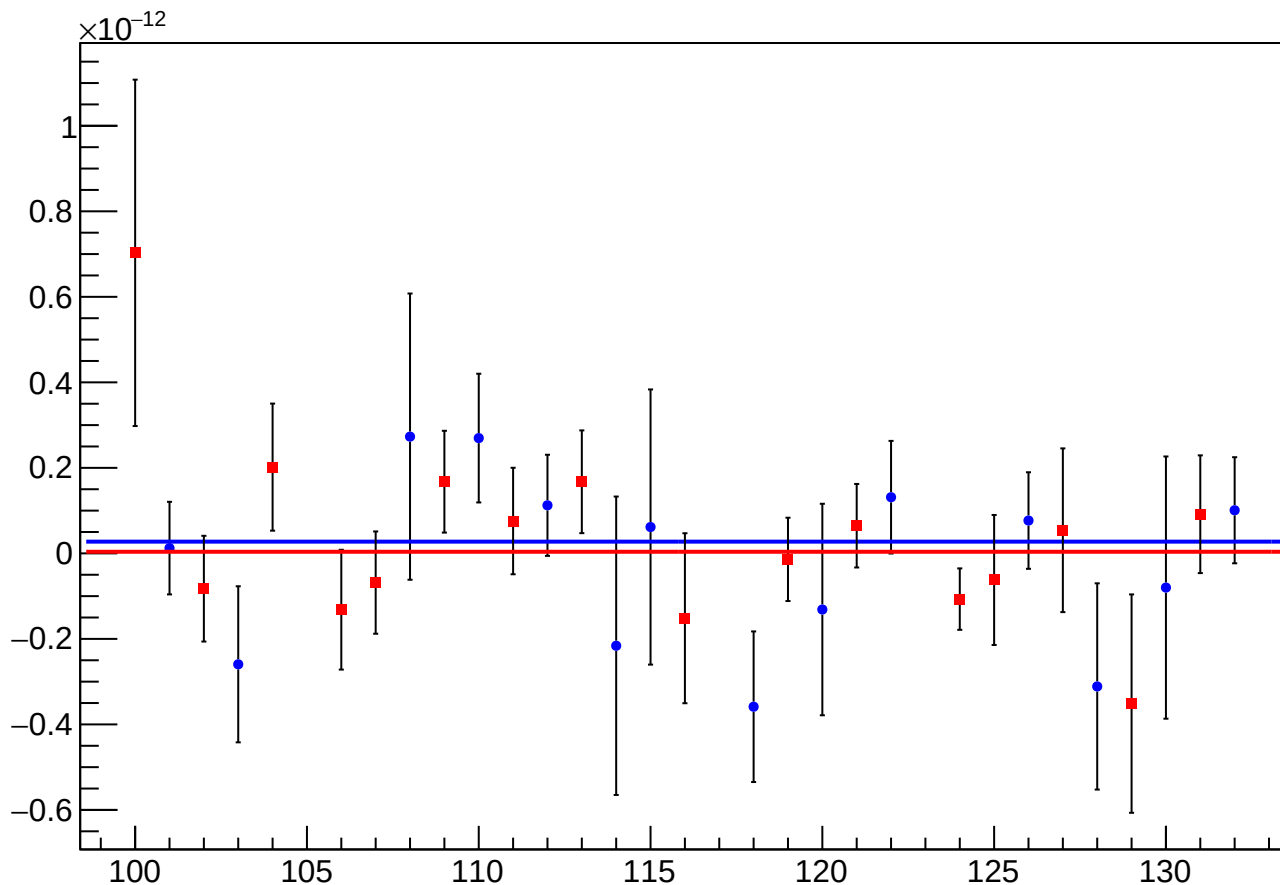
Right: 99.999+/-0.023 χ^2/NDF : 3168691.7/29

In: 103.874+/-0.033 χ^2/NDF : 1277357.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.999+/-0.023 χ^2/NDF : 3168691.7/29

asym_atl_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

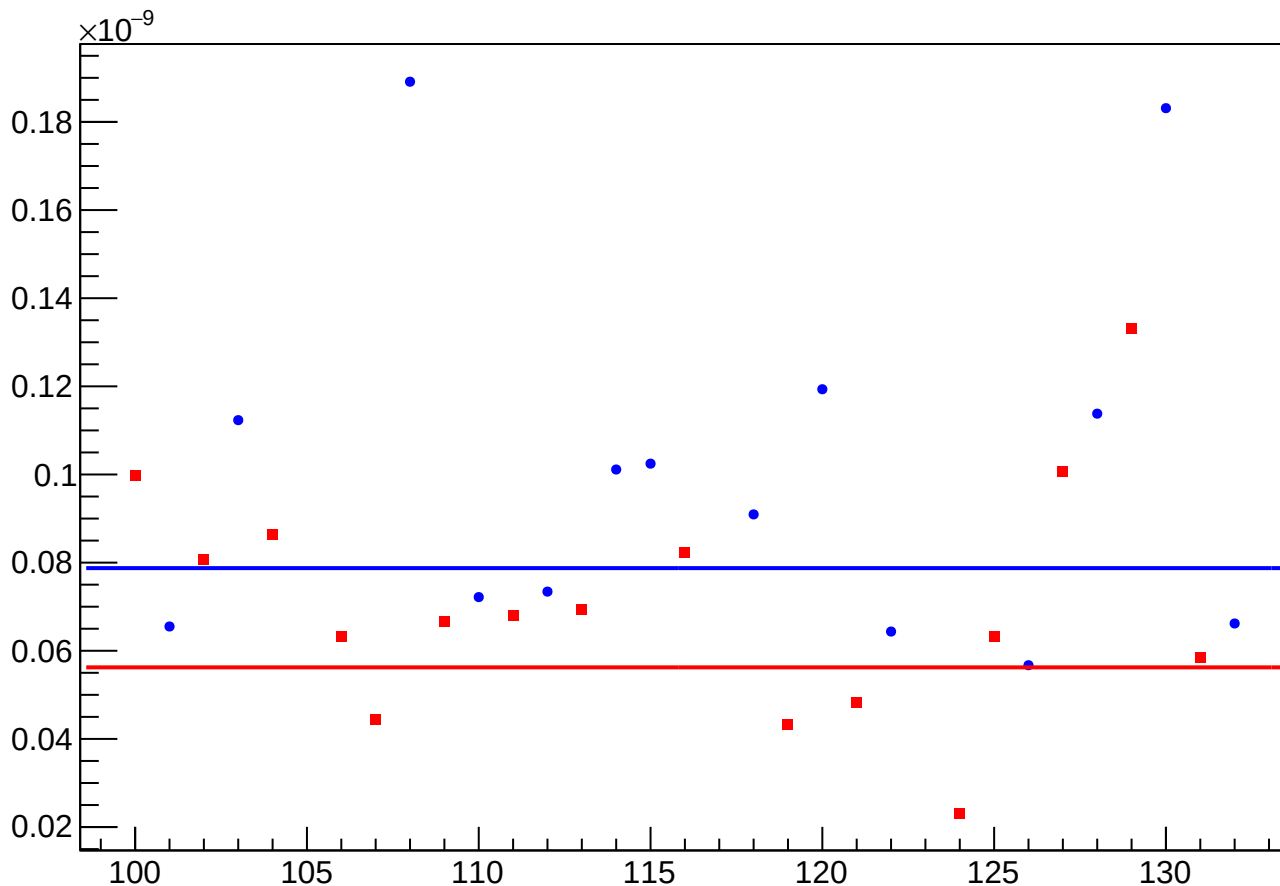
Right: 0.000+/-0.000 χ^2/NDF : 31.9/29

In: 0.000+/-0.000 χ^2/NDF : 15.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 31.9/29

asym_atl_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 799934.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1070896.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

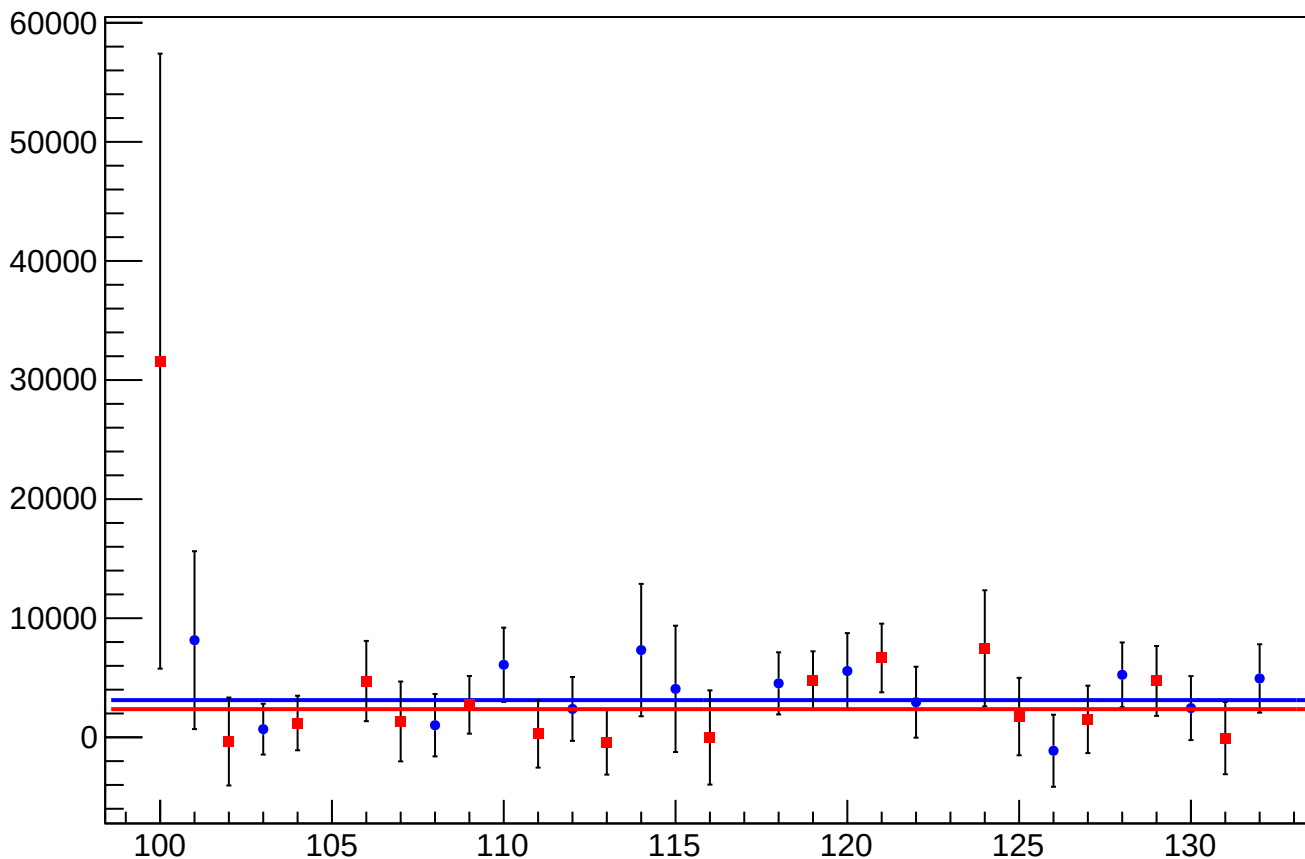
Right: 0.000+/-0.000 χ^2/NDF : 2225588.2/29

In: 0.000+/-0.000 χ^2/NDF : 799934.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2225588.2/29

reg_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3123.036+/-801.773 χ^2/NDF : 7.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2363.271+/-765.782 χ^2/NDF : 10.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

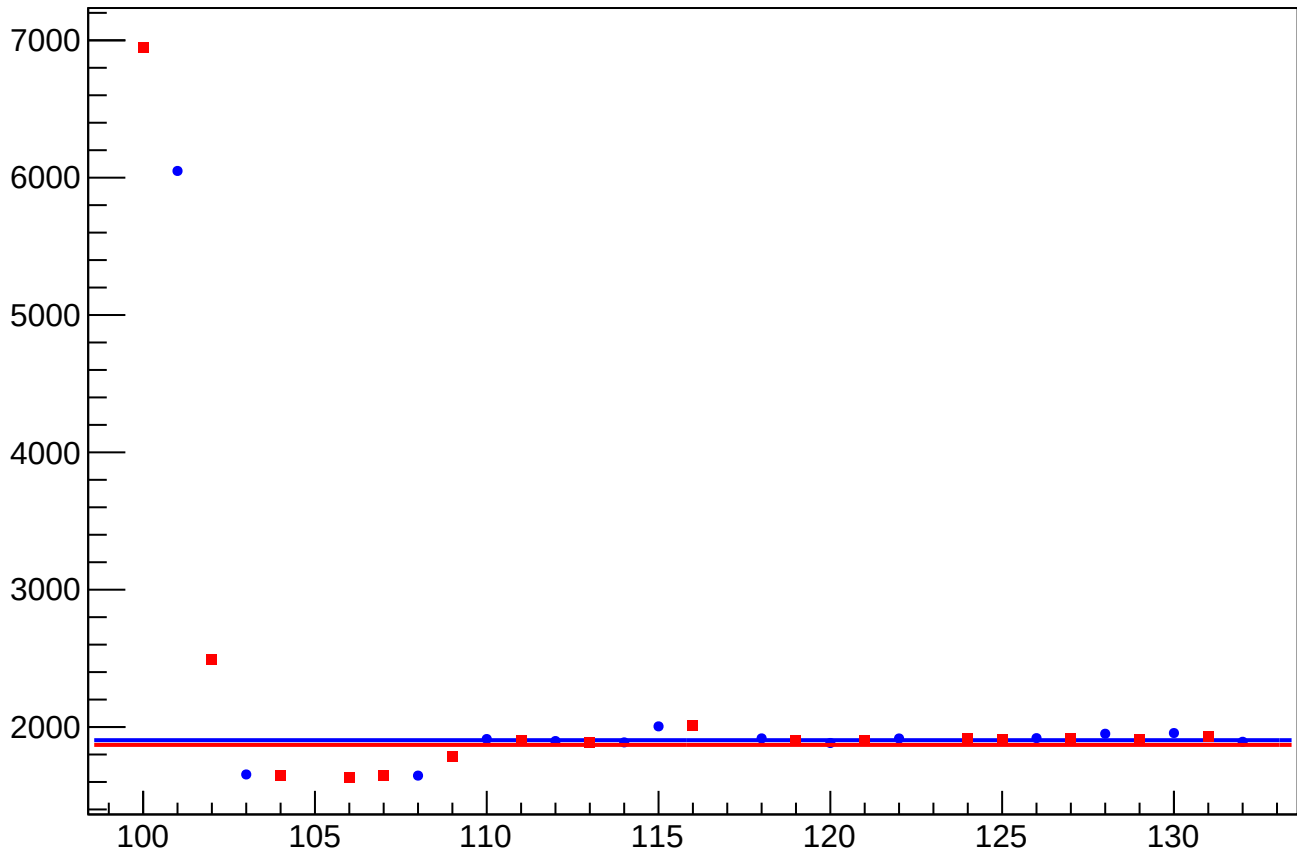
Right: 2725.718+/-553.776 χ^2/NDF : 18.7/29

In: 3123.036+/-801.773 χ^2/NDF : 7.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2725.718+/-553.776 χ^2/NDF : 18.7/29

reg_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1904.304+/-0.567 χ^2/NDF : 664980.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1869.994+/-0.539 χ^2/NDF : 180622.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

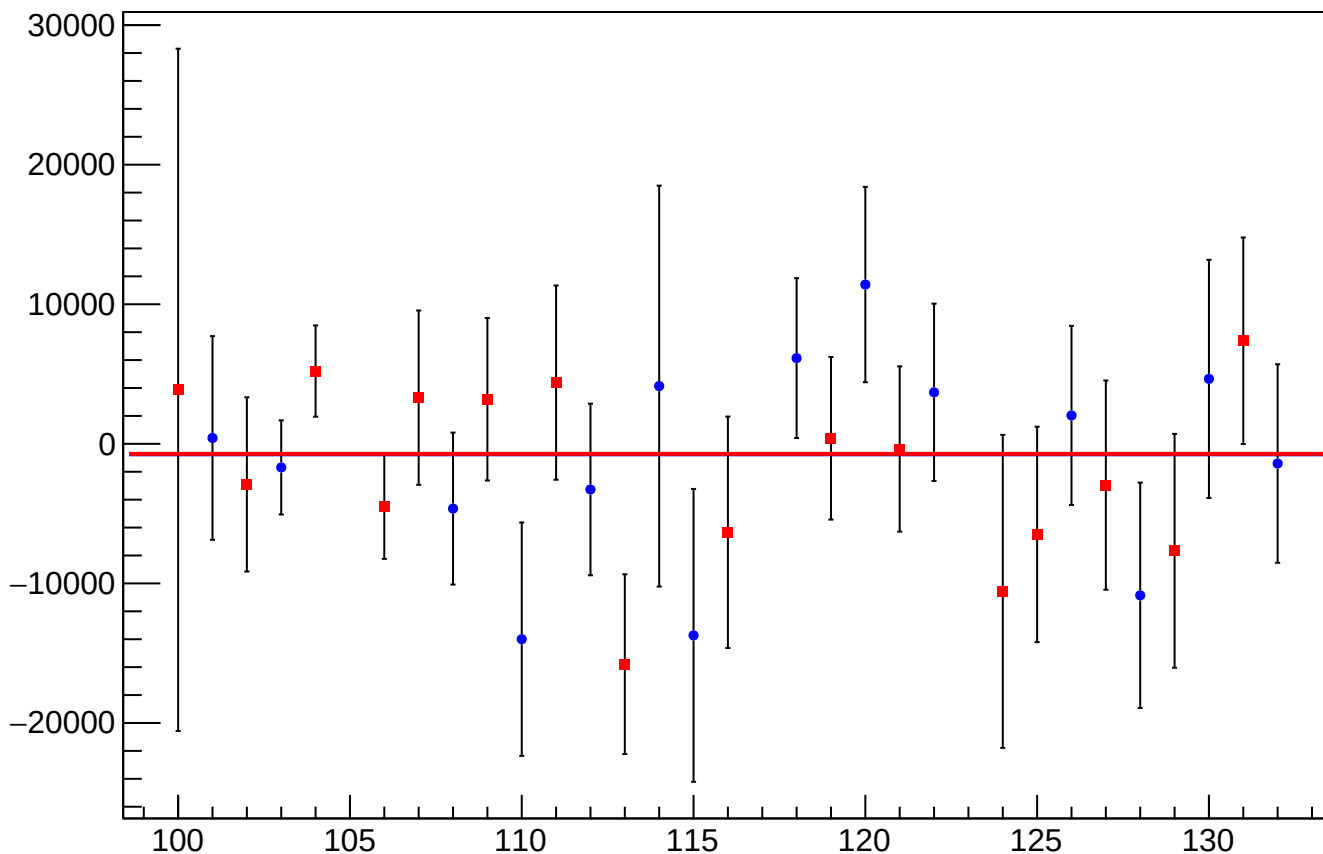
Right: 1886.293+/-0.391 χ^2/NDF : 847525.1/29

In: 1904.304+/-0.567 χ^2/NDF : 664980.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1886.293+/-0.391 χ^2/NDF : 847525.1/29

asym_atr_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -750.042+/-1705.113 χ^2/NDF : 12.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -717.332+/-1510.558 χ^2/NDF : 15.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

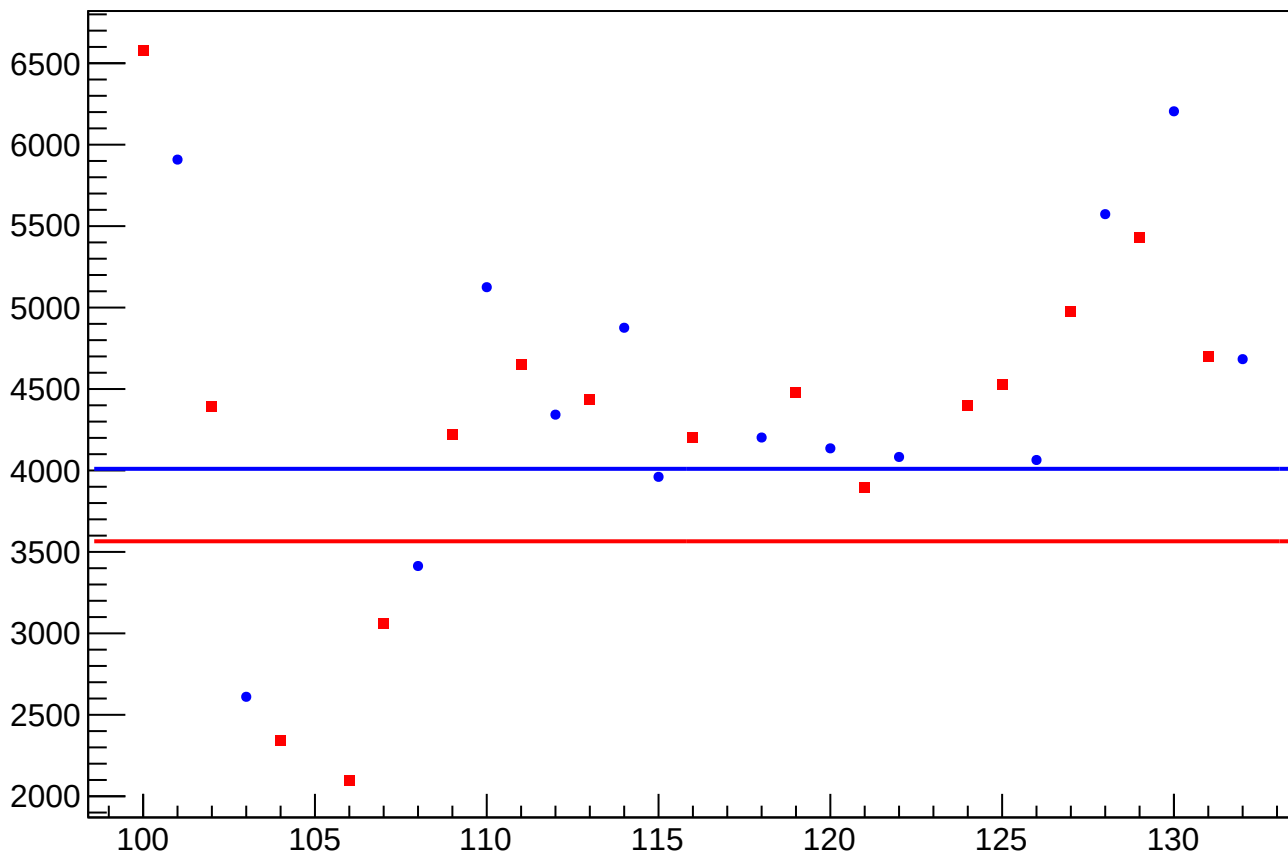
Right: -731.715+/-1130.682 χ^2/NDF : 27.2/29

In: -750.042+/-1705.113 χ^2/NDF : 12.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -731.715+/-1130.682 χ^2/NDF : 27.2/29

asym_atr_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 4010.103+/-1.206 χ^2/NDF : 781037.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3565.258+/-1.068 χ^2/NDF : 1096985.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

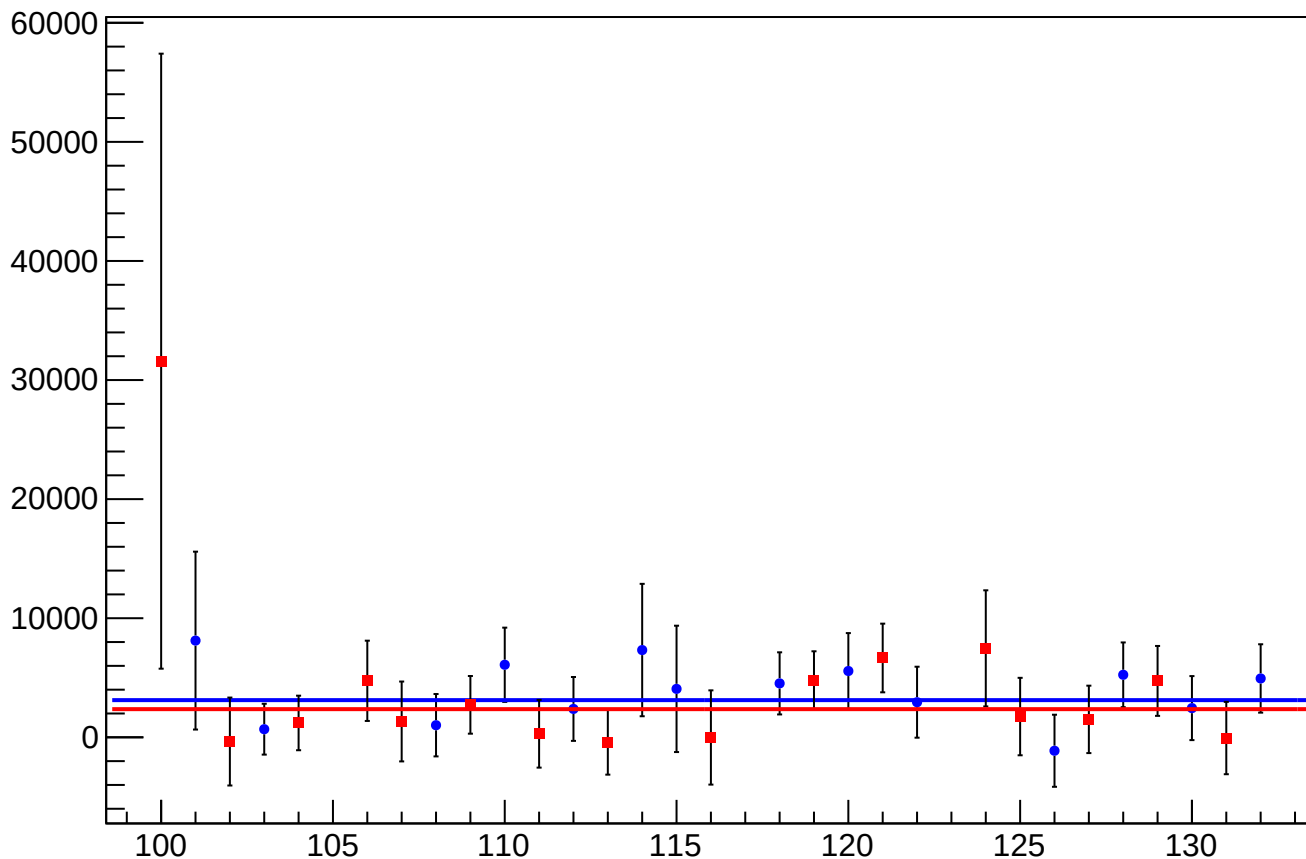
Right: 3760.865+/-0.800 χ^2/NDF : 1954291.8/29

In: 4010.103+/-1.206 χ^2/NDF : 781037.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3760.865+/-0.800 χ^2/NDF : 1954291.8/29

cor_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3122.149+/-801.773 χ^2/NDF : 7.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2364.678+/-765.787 χ^2/NDF : 10.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

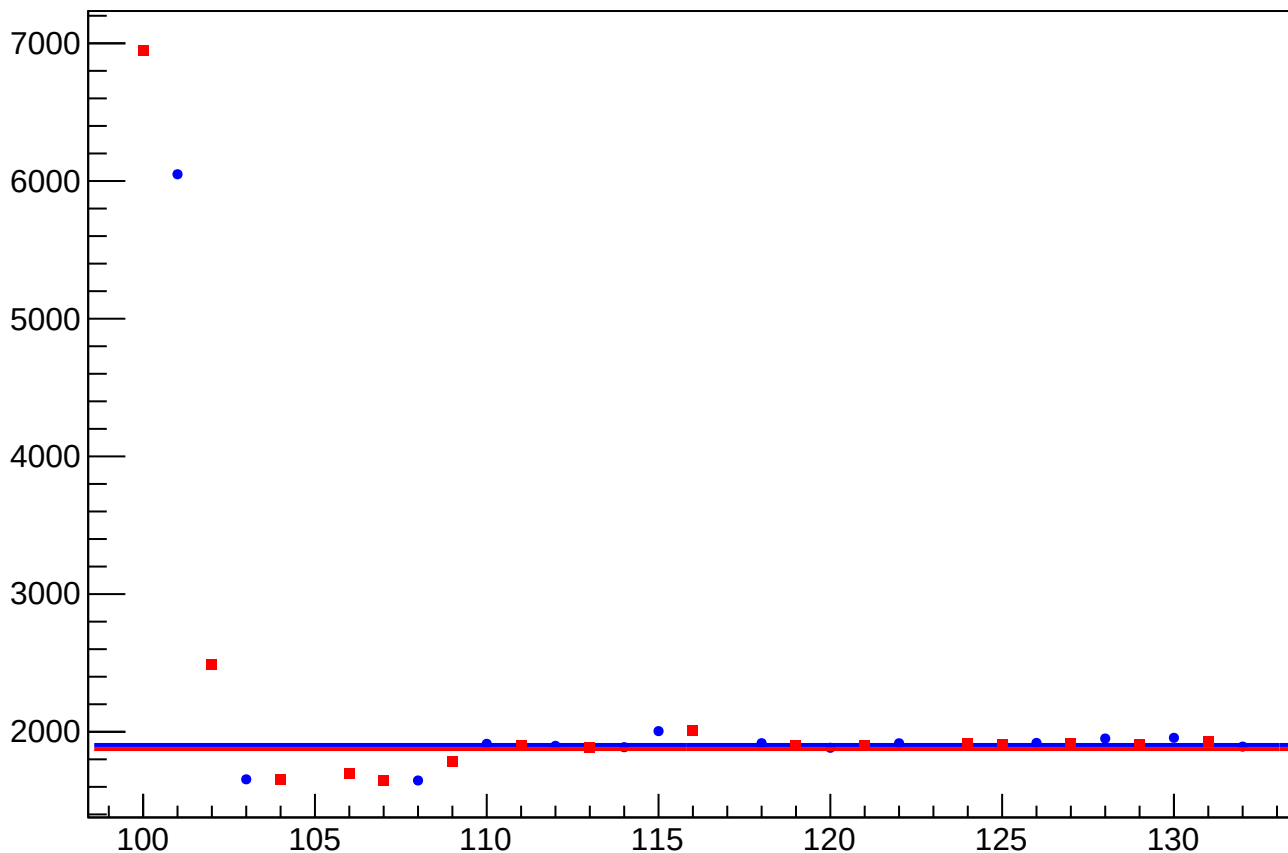
Right: 2726.034+/-553.778 χ^2/NDF : 18.7/29

In: 3122.149+/-801.773 χ^2/NDF : 7.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2726.034+/-553.778 χ^2/NDF : 18.7/29

cor_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1904.305+/-0.567 χ^2/NDF : 664979.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1874.524+/-0.541 χ^2/NDF : 174792.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

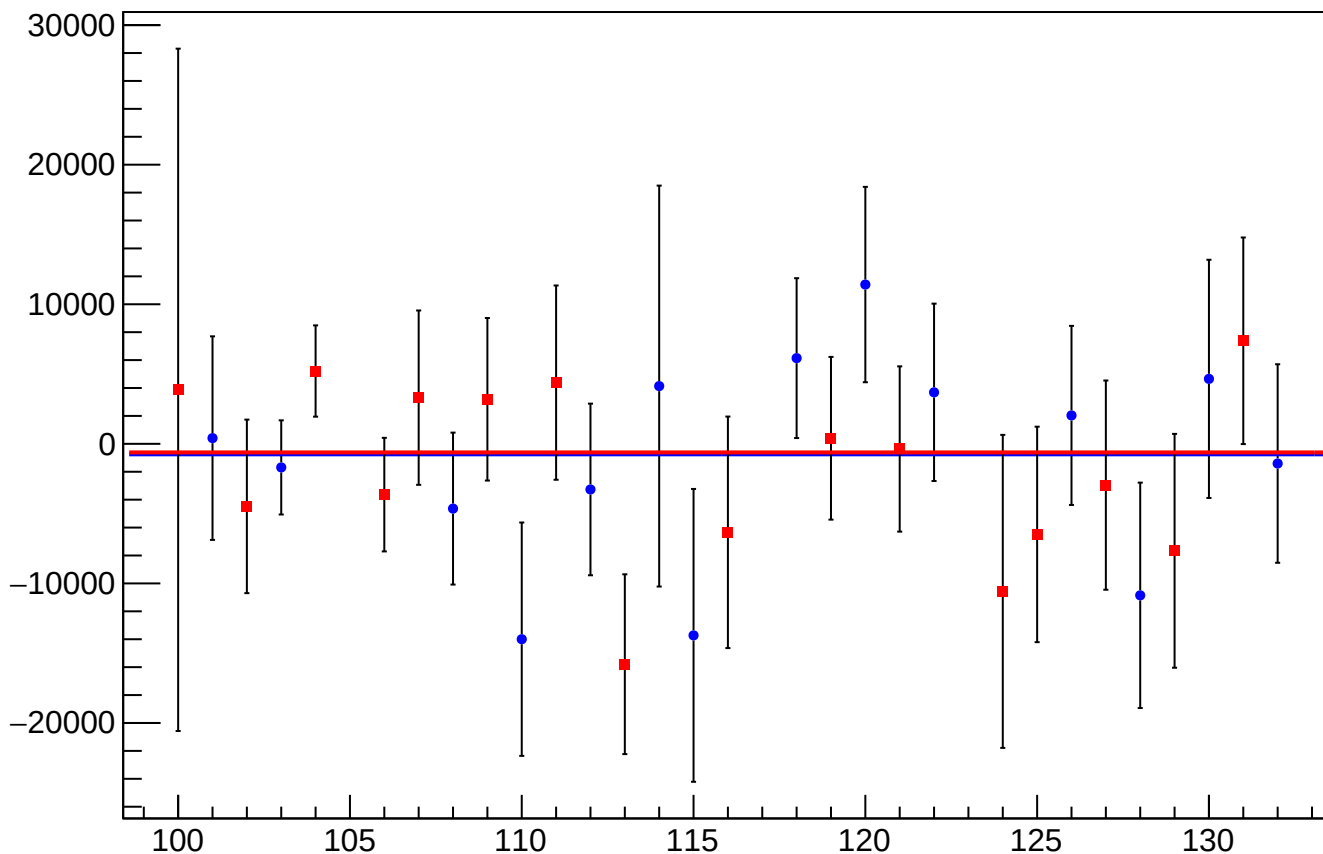
Right: 1888.704+/-0.391 χ^2/NDF : 841217.1/29

In: 1904.305+/-0.567 χ^2/NDF : 664979.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1888.704+/-0.391 χ^2/NDF : 841217.1/29

asym_atr_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -750.492+/-1705.118 χ^2/NDF : 12.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -614.341+/-1526.905 χ^2/NDF : 14.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

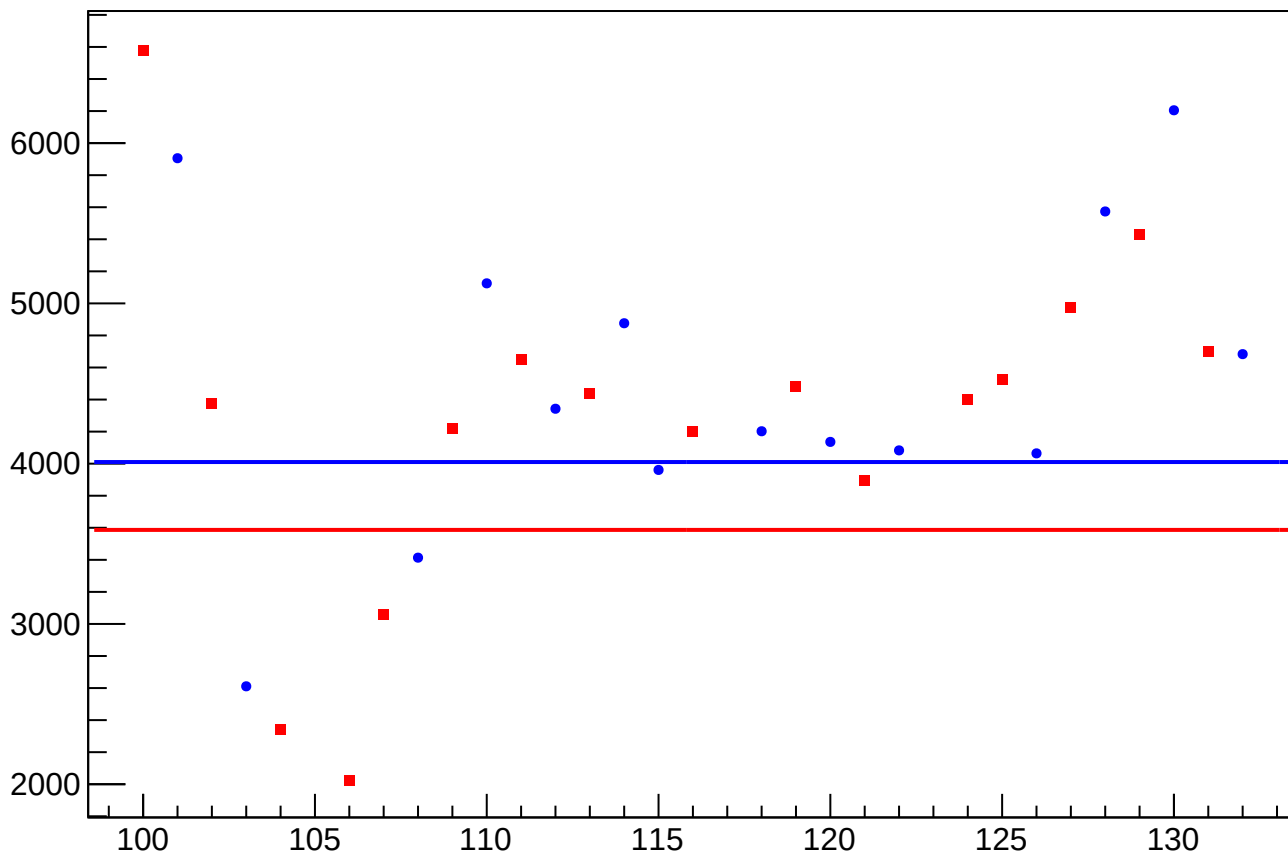
Right: -674.932+/-1137.490 χ^2/NDF : 27.0/29

In: -750.492+/-1705.118 χ^2/NDF :12.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -674.932+/-1137.490 χ^2/NDF : 27.0/29

asym_atr_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 4010.214+/-1.206 χ^2/NDF : 780554.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3586.745+/-1.080 χ^2/NDF : 1080529.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

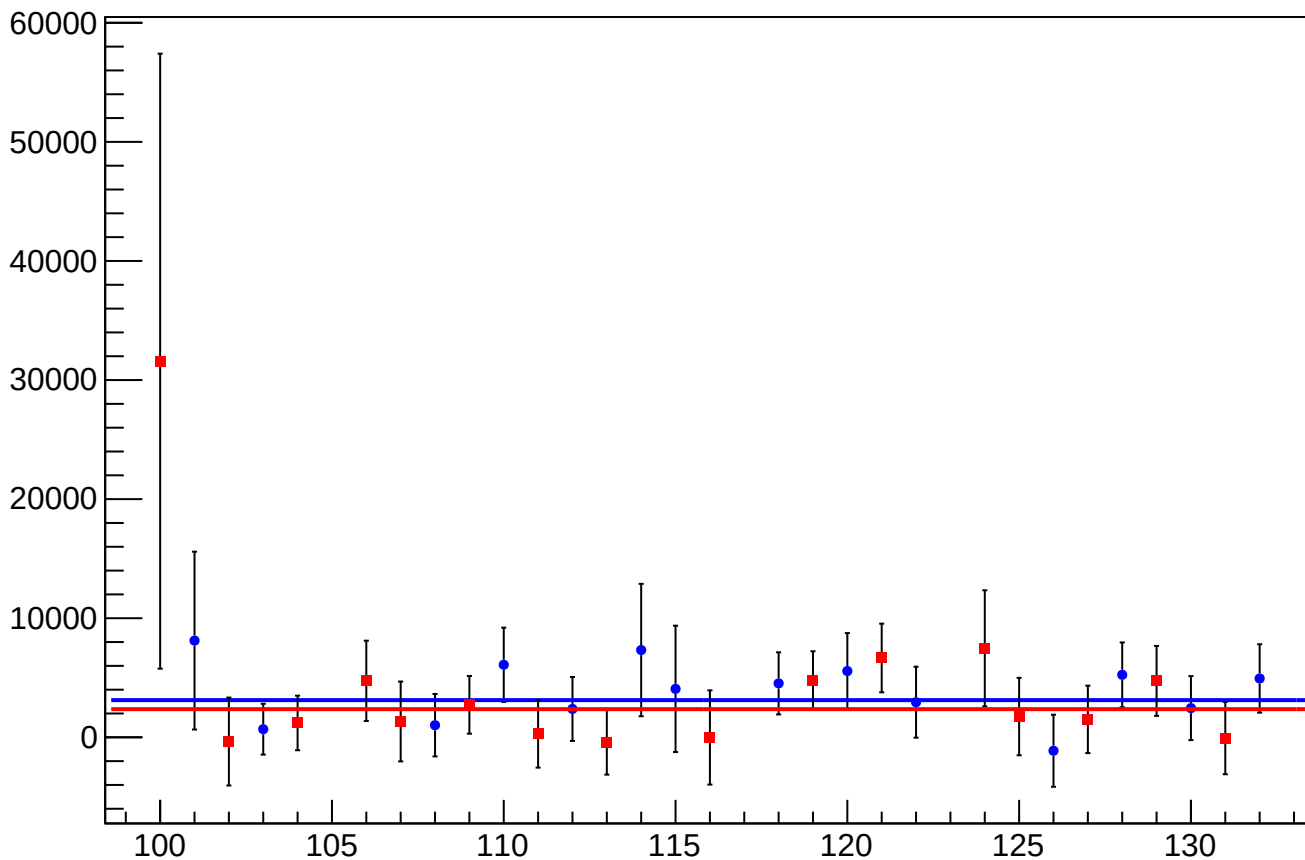
Right: 3775.200+/-0.804 χ^2/NDF : 1929542.9/29

In: 4010.214+/-1.206 χ^2/NDF : 780554.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3775.200+/-0.804 χ^2/NDF : 1929542.9/29

eigen_cor_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3122.149+/-801.773 χ^2/NDF : 7.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2364.678+/-765.787 χ^2/NDF : 10.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

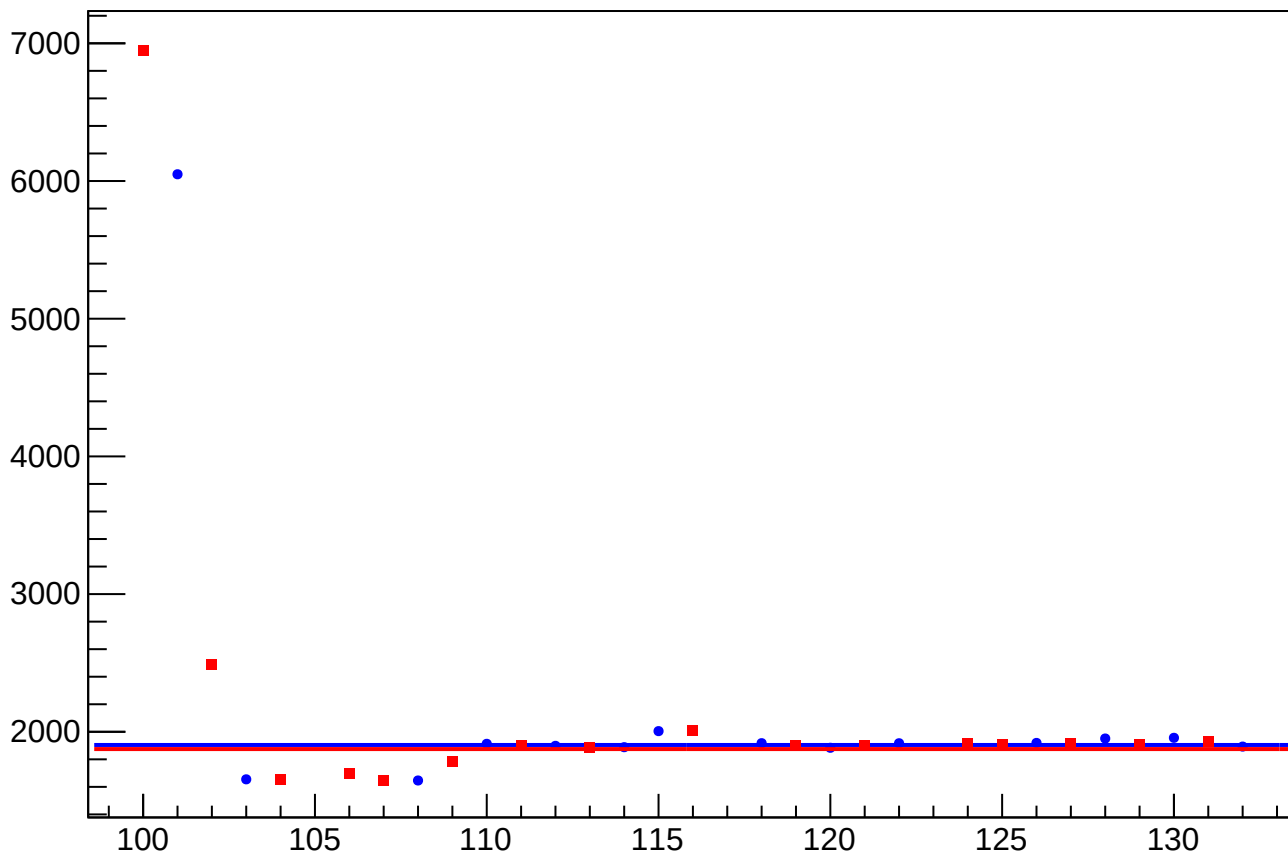
Right: 2726.034+/-553.778 χ^2/NDF : 18.7/29

In: 3122.149+/-801.773 χ^2/NDF : 7.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2726.034+/-553.778 χ^2/NDF : 18.7/29

eigen_cor_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1904.305+/-0.567 χ^2/NDF : 664979.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1874.524+/-0.541 χ^2/NDF : 174792.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

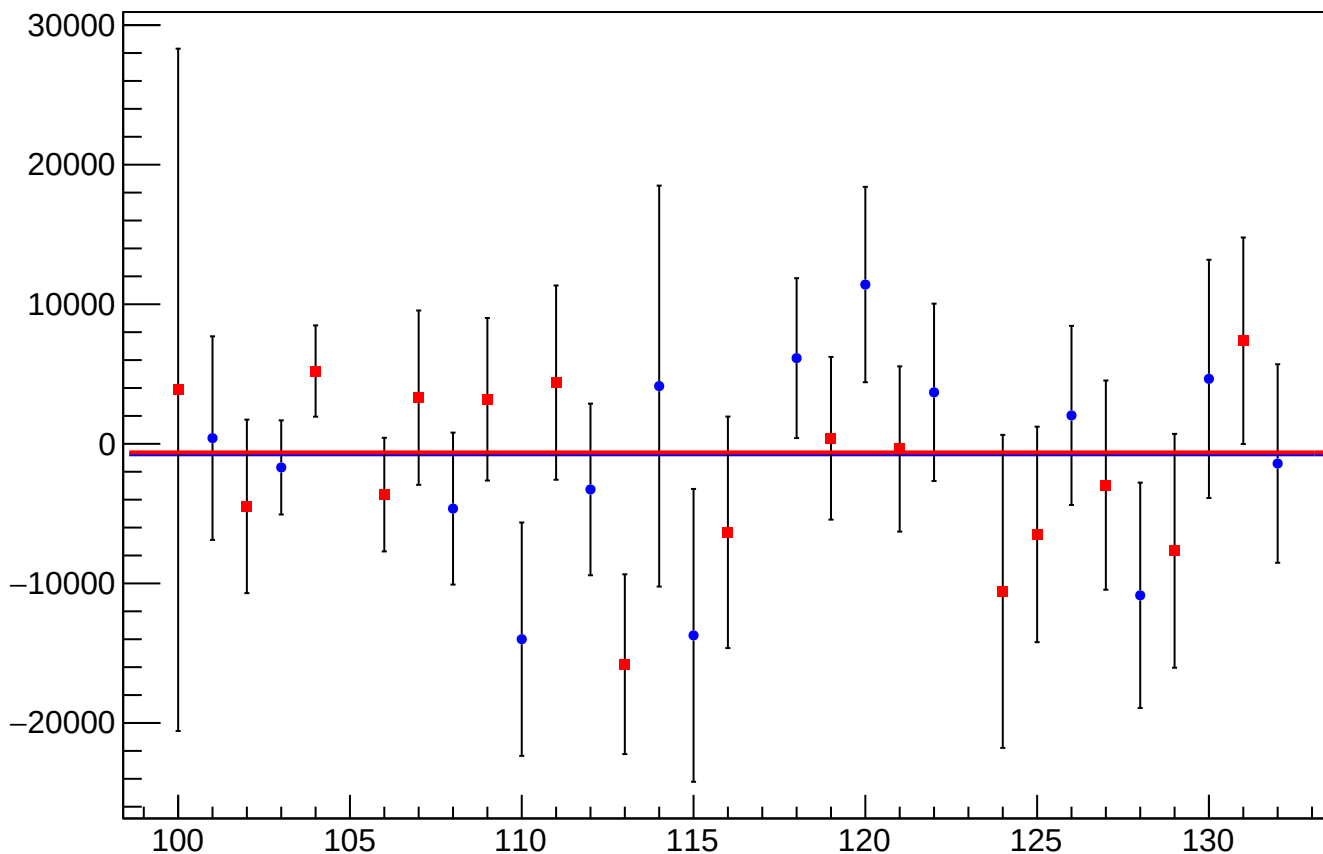
Right: 1888.704+/-0.391 χ^2/NDF : 841217.1/29

In: 1904.305+/-0.567 χ^2/NDF : 664979.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1888.704+/-0.391 χ^2/NDF : 841217.1/29

asym_atr_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -750.492+/-1705.118 χ^2/NDF : 12.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -614.341+/-1526.905 χ^2/NDF : 14.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

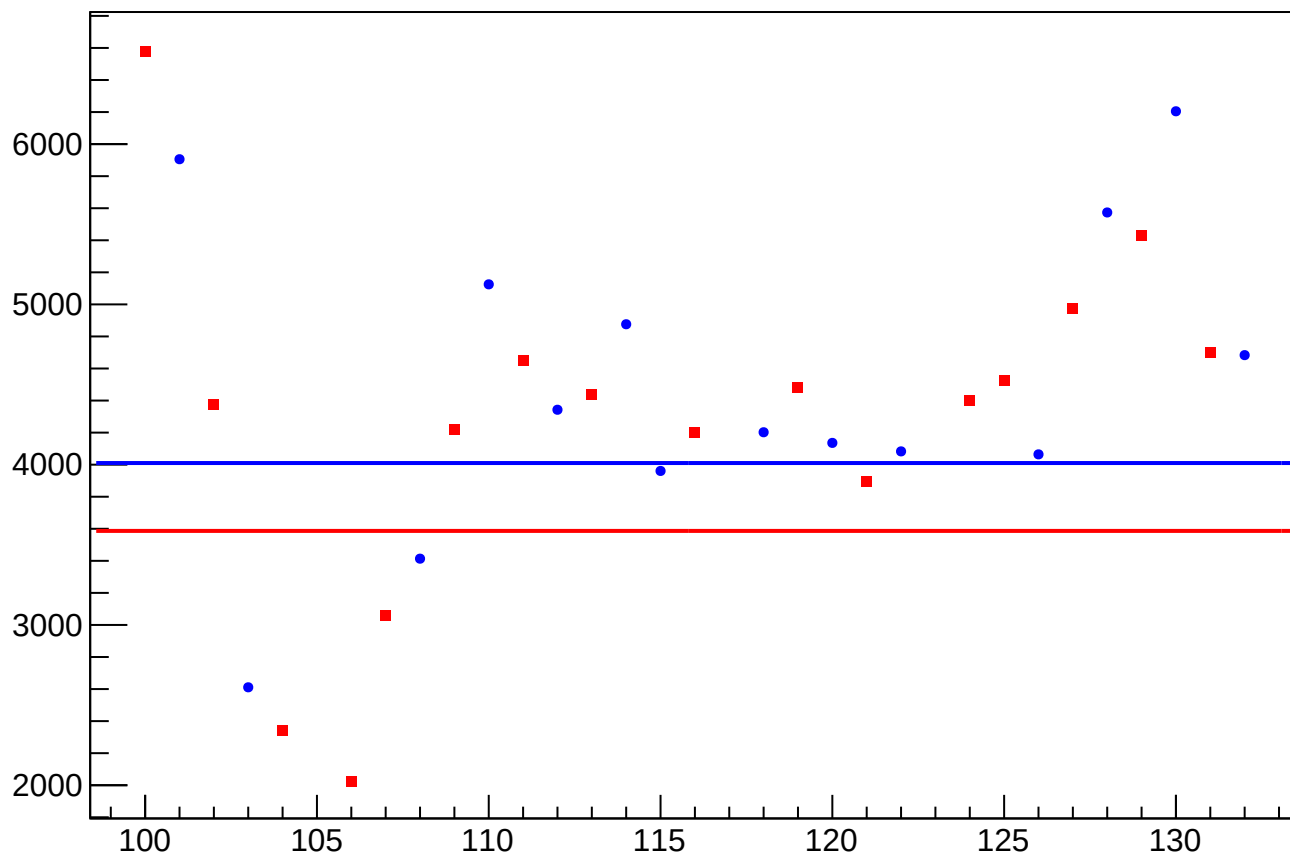
Right: -674.932+/-1137.490 χ^2/NDF : 27.0/29

In: -750.492+/-1705.118 χ^2/NDF : 12.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -674.932+/-1137.490 χ^2/NDF : 27.0/29

asym_atr_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4010.214+/-1.206 χ^2/NDF : 780554.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3586.745+/-1.080 χ^2/NDF : 1080529.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

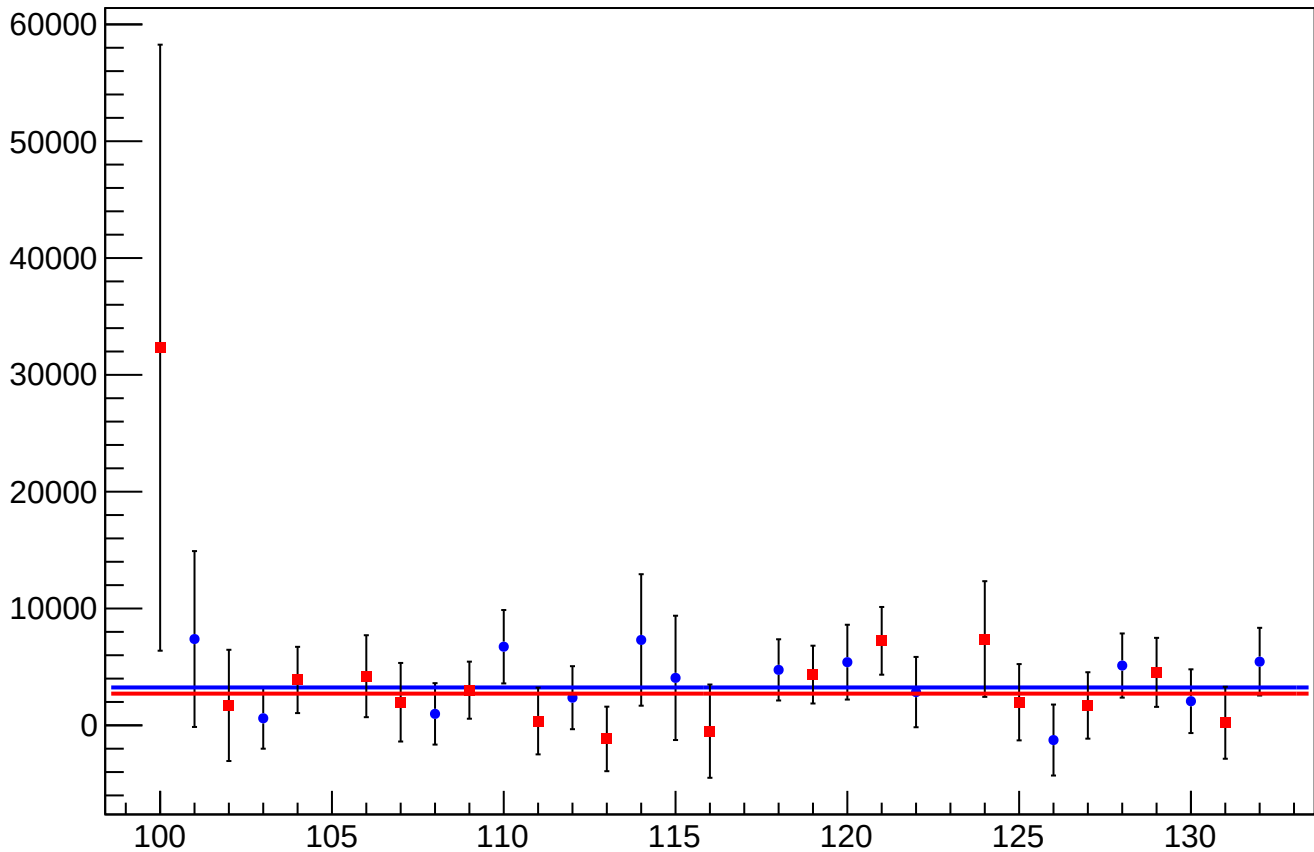
Right: 3775.200+/-0.804 χ^2/NDF : 1929542.9/29

In: 4010.214+/-1.206 χ^2/NDF : 780554.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3775.200+/-0.804 χ^2/NDF : 1929542.9/29

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3242.533+/-826.701 χ^2/NDF : 8.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2713.032+/-794.480 χ^2/NDF : 10.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

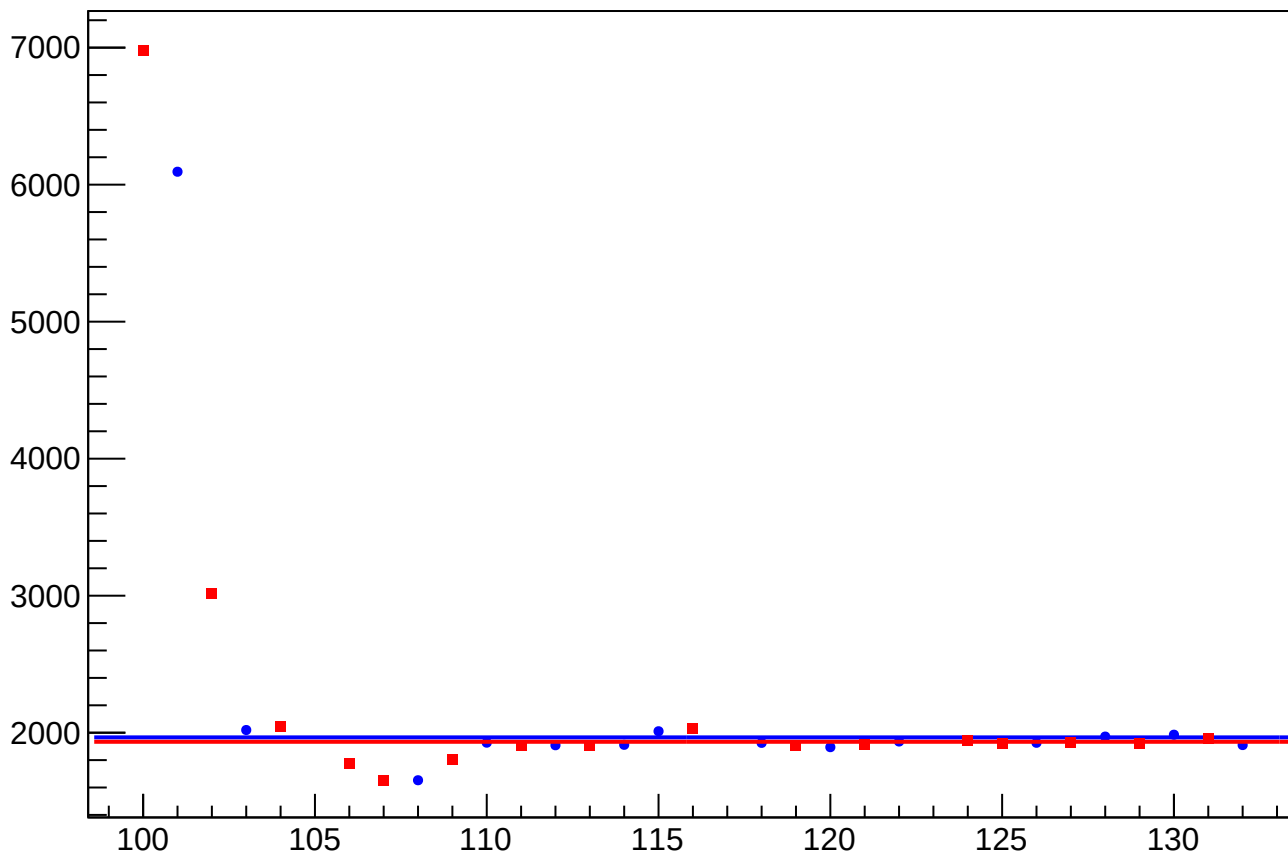
Right: 2967.262+/-572.834 χ^2/NDF : 18.4/29

In: 3242.533+/-826.701 χ^2/NDF : 8.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2967.262+/-572.834 χ^2/NDF : 18.4/29

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1965.877+/-0.585 χ^2/NDF : 635136.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1933.776+/-0.561 χ^2/NDF : 208840.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

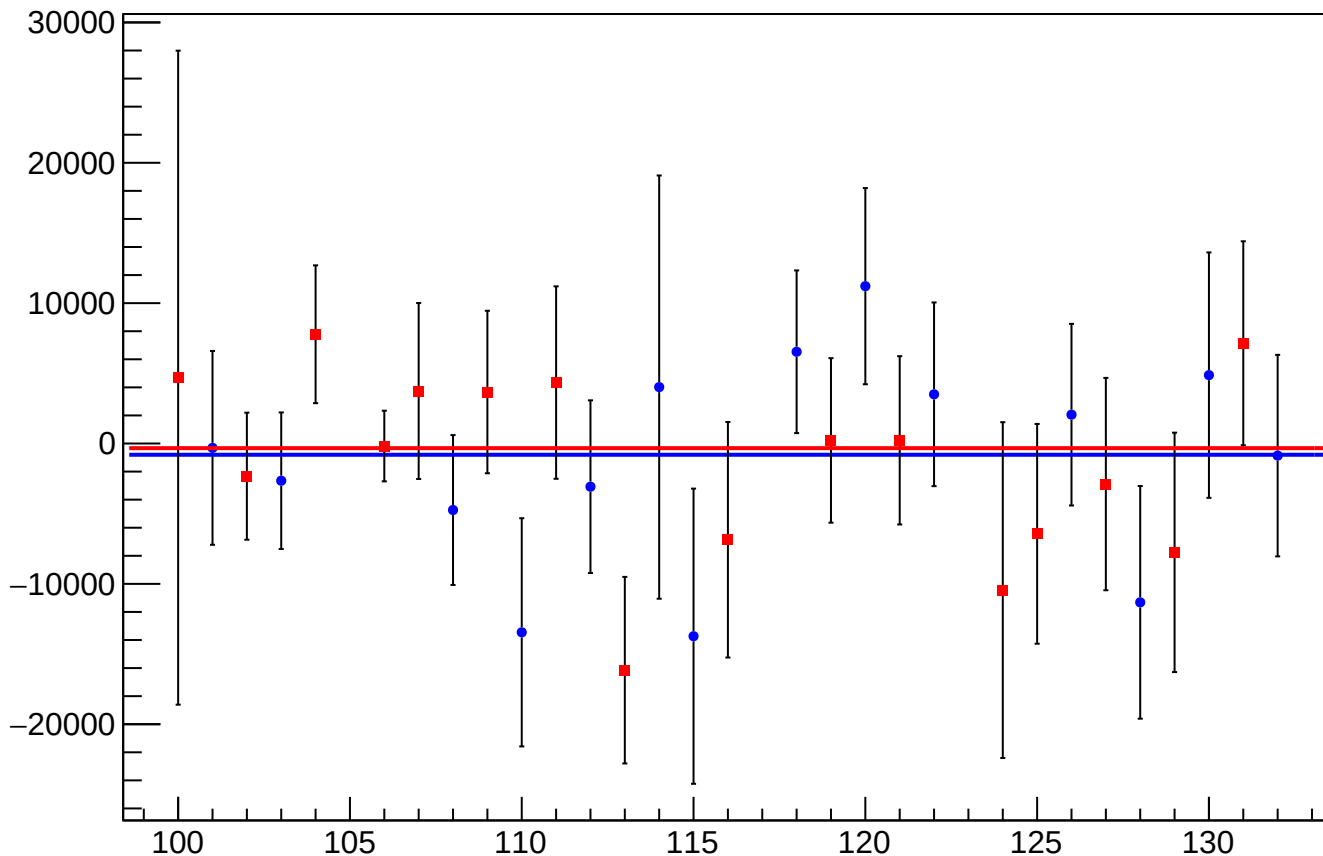
Right: 1949.172+/-0.405 χ^2/NDF : 845545.3/29

In: 1965.877+/-0.585 χ^2/NDF : 635136.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1949.172+/-0.405 χ^2/NDF : 845545.3/29

asym_atr_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -801.464 $\pm$ 1832.418 χ^2 /NDF: 12.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -330.962 $\pm$ 1422.896 χ^2 /NDF: 13.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

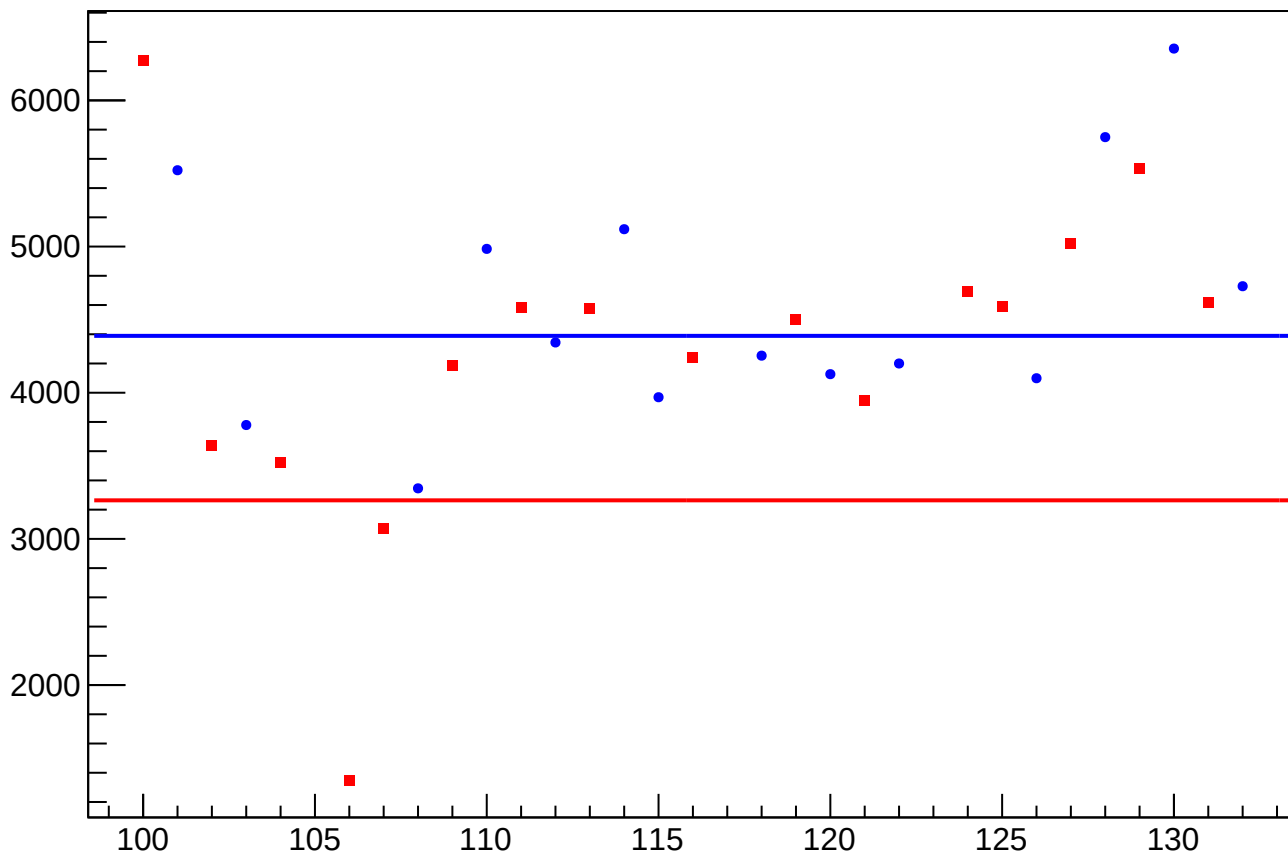
Right: -507.946 $\pm$ 1123.855 χ^2 /NDF: 26.0/29

In: -801.464 $\pm$ 1832.418 χ^2 /NDF:12.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -507.946 $\pm$ 1123.855 χ^2 /NDF: 26.0/29

asym_atr_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4389.035+/-1.296 χ^2/NDF : 349332.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3263.763+/-1.006 χ^2/NDF : 1963834.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

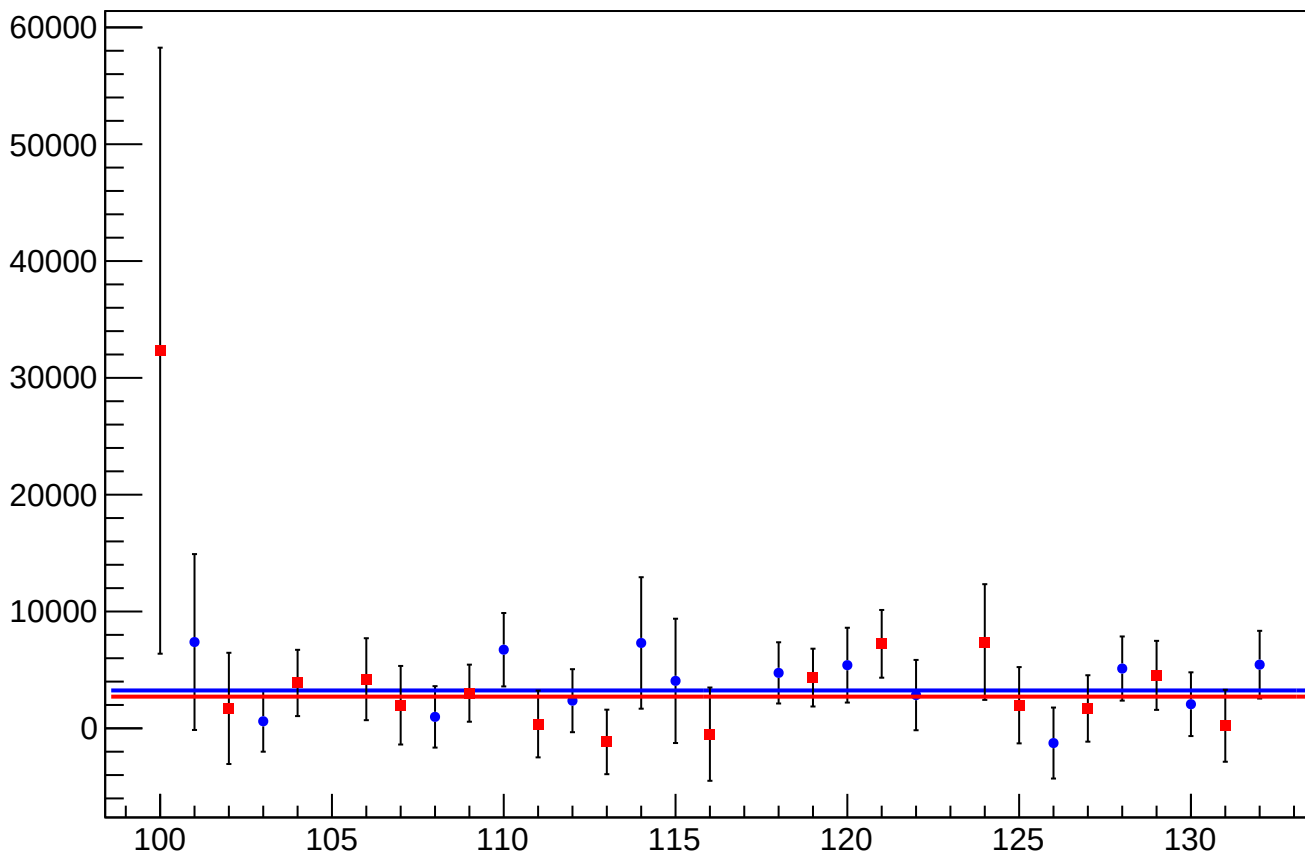
Right: 3687.044+/-0.795 χ^2/NDF : 2783678.6/29

In: 4389.035+/-1.296 χ^2/NDF : 349332.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3687.044+/-0.795 χ^2/NDF : 2783678.6/29

eigen_dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3242.532+/-826.701 χ^2/NDF : 8.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2713.039+/-794.480 χ^2/NDF : 10.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

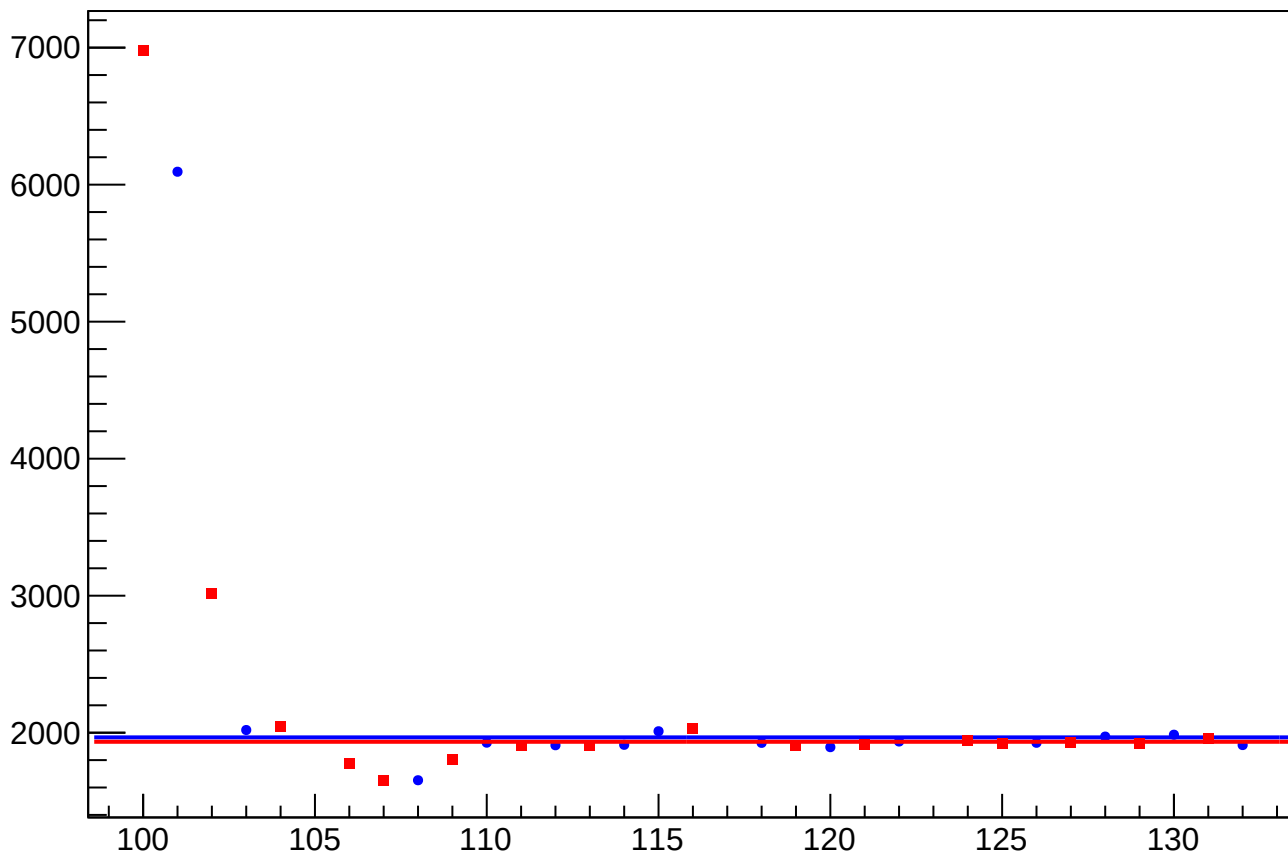
Right: 2967.266+/-572.834 χ^2/NDF : 18.4/29

In: 3242.532+/-826.701 χ^2/NDF : 8.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2967.266+/-572.834 χ^2/NDF : 18.4/29

eigen_dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1965.876+/-0.585 χ^2/NDF : 635136.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1933.776+/-0.561 χ^2/NDF : 208839.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

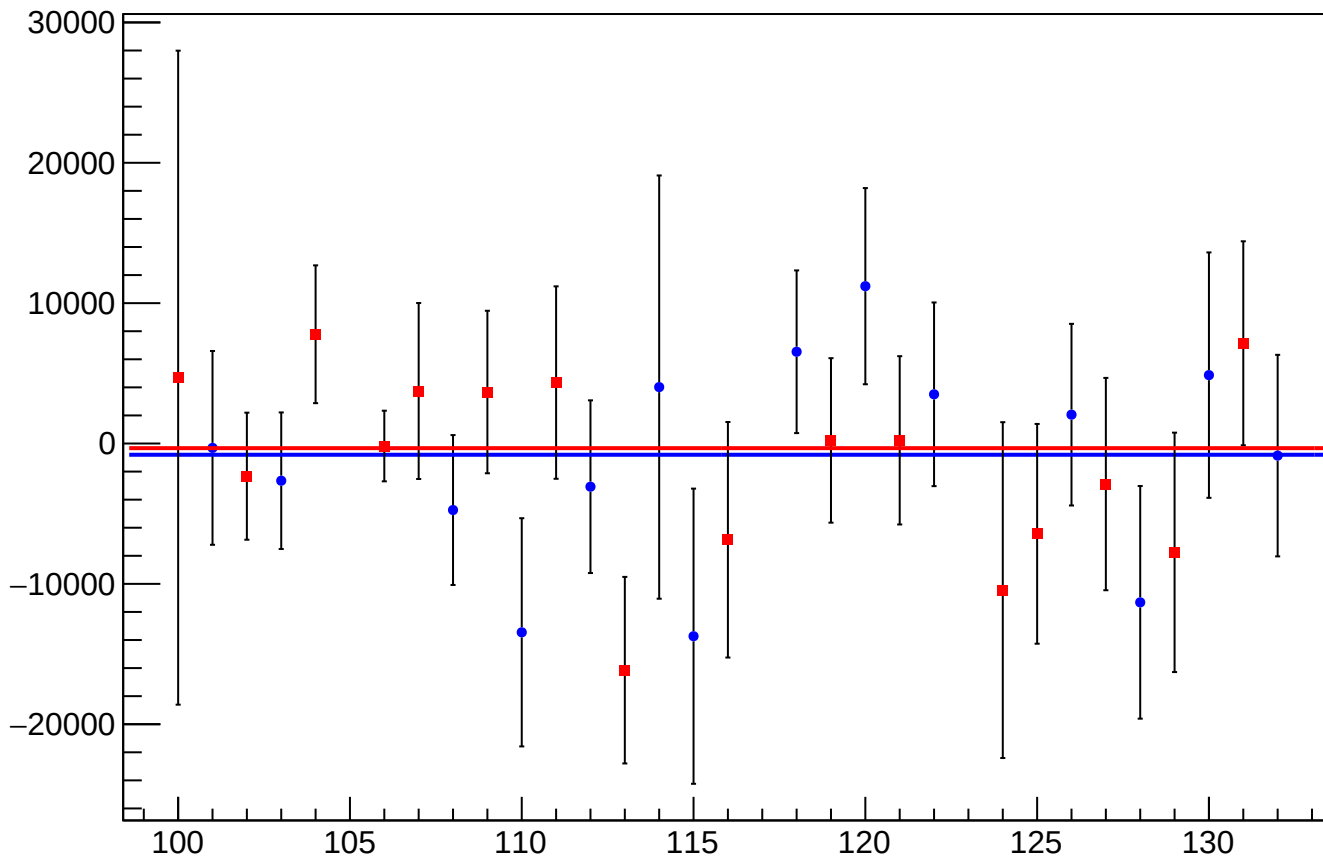
Right: 1949.172+/-0.405 χ^2/NDF : 845544.9/29

In: 1965.876+/-0.585 χ^2/NDF : 635136.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1949.172+/-0.405 χ^2/NDF : 845544.9/29

asym_atr_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -801.455+/-1832.414 χ^2/NDF : 12.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -330.964+/-1422.892 χ^2/NDF : 13.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

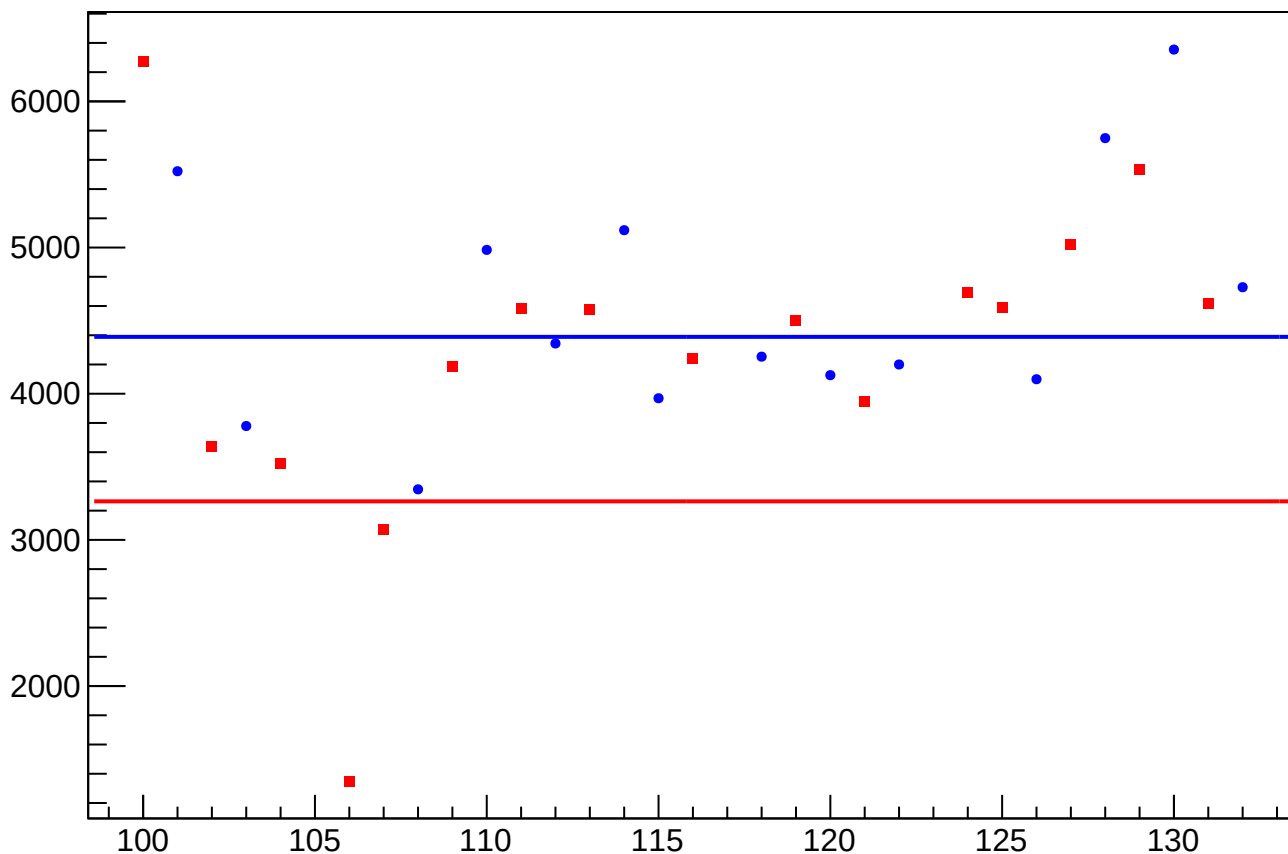
Right: -507.943+/-1123.852 χ^2/NDF : 26.0/29

In: -801.455+/-1832.414 χ^2/NDF : 12.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -507.943+/-1123.852 χ^2/NDF : 26.0/29

asym_atr_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4389.025+/-1.296 χ^2/NDF : 349329.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3263.754+/-1.006 χ^2/NDF : 1963835.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

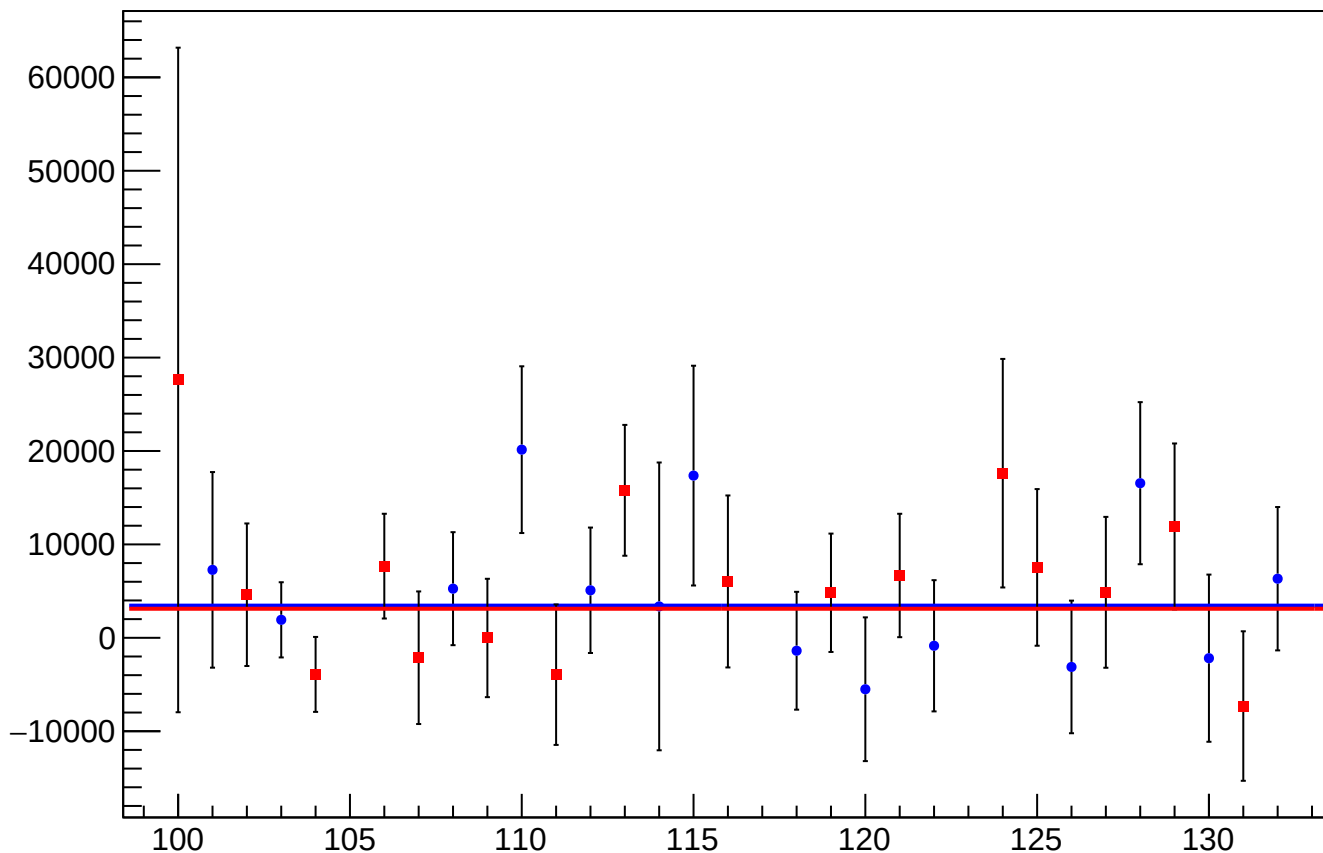
Right: 3687.035+/-0.795 χ^2/NDF : 2783677.3/29

In: 4389.025+/-1.296 χ^2/NDF : 349329.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3687.035+/-0.795 χ^2/NDF : 2783677.3/29

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3444.723+/-1927.210 χ^2/NDF : 11.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3110.989+/-1770.853 χ^2/NDF : 14.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

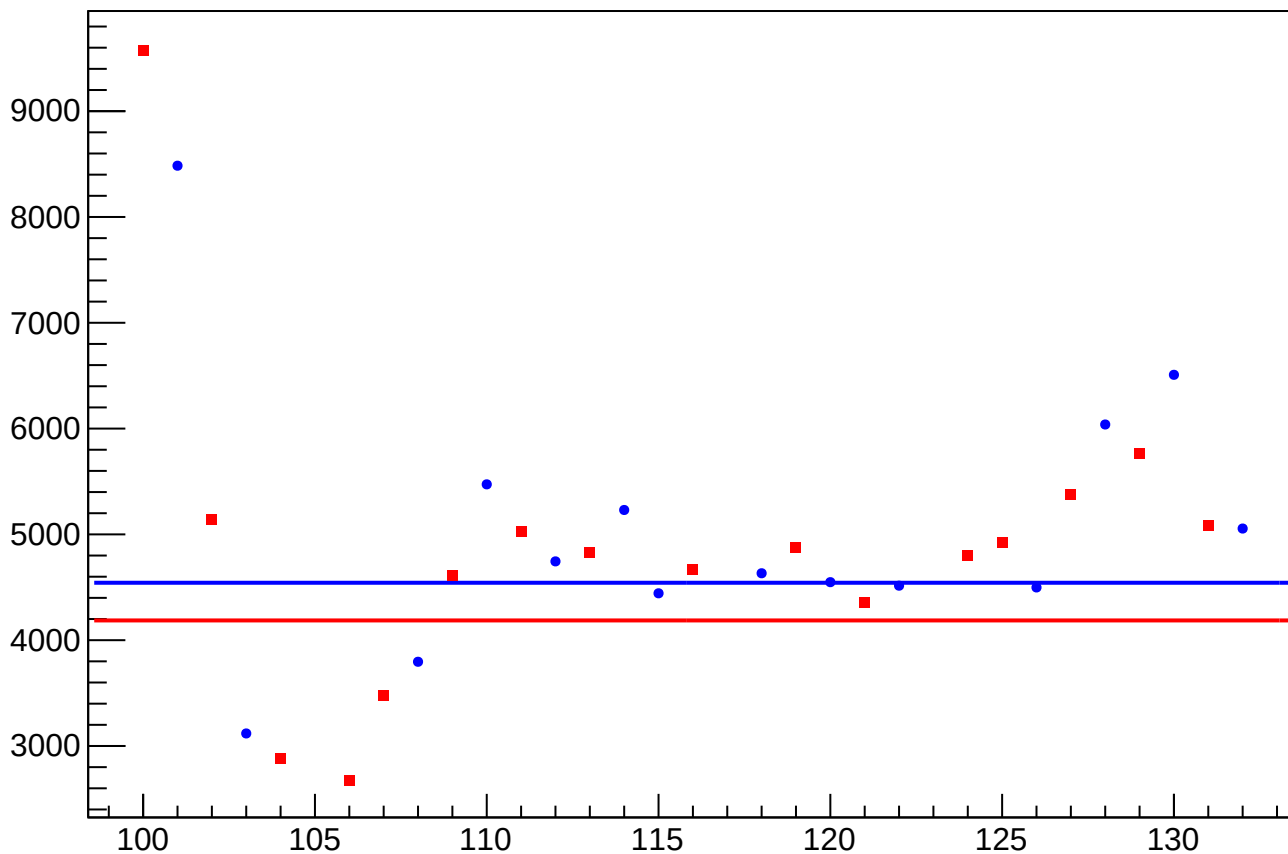
Right: 3263.771+/-1303.960 χ^2/NDF : 25.4/29

In: 3444.723+/-1927.210 χ^2/NDF : 11.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3263.771+/-1303.960 χ^2/NDF : 25.4/29

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4542.809+/-1.363 χ^2/NDF : 757388.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4186.680+/-1.240 χ^2/NDF : 715063.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

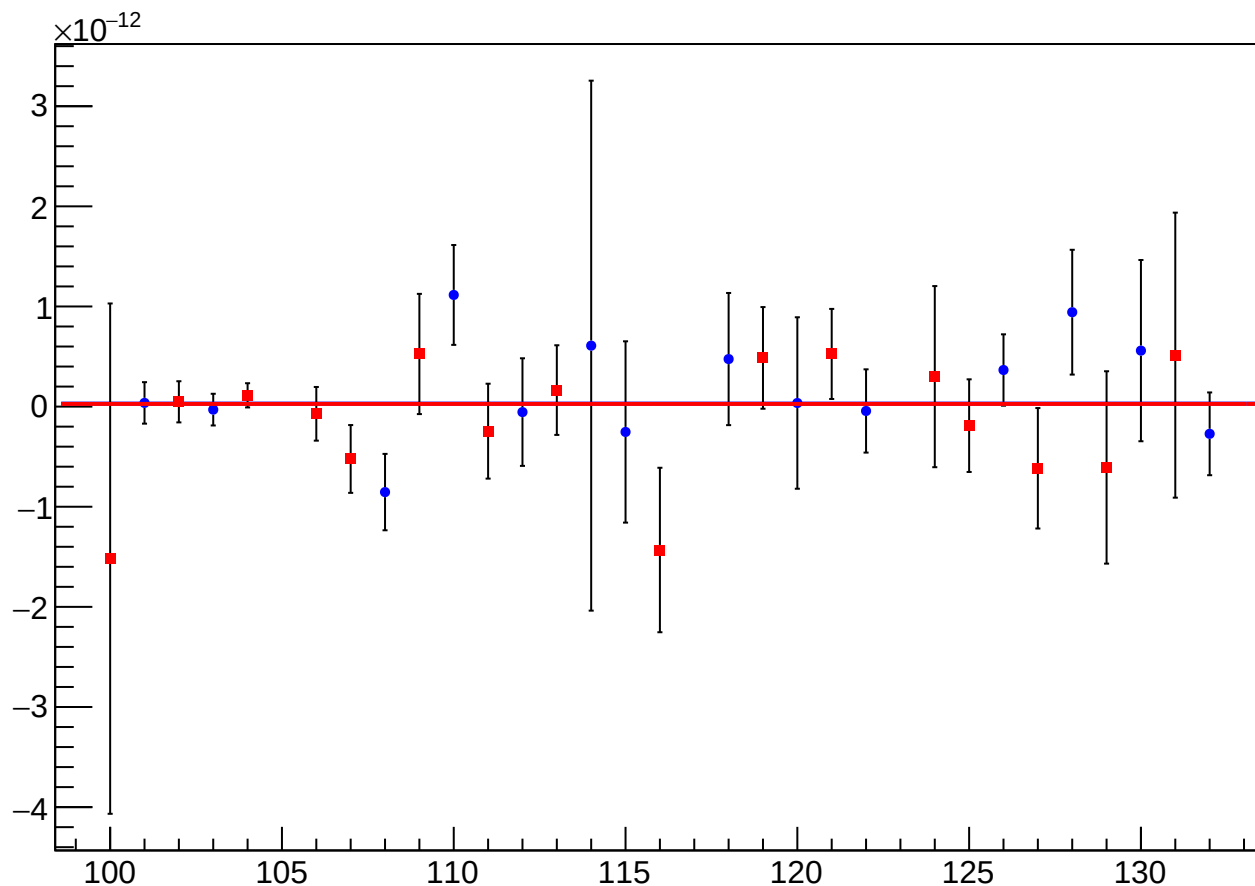
Right: 4347.993+/-0.917 χ^2/NDF : 1509811.5/29

In: 4542.809+/-1.363 χ^2/NDF : 757388.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4347.993+/-0.917 χ^2/NDF : 1509811.5/29

asym_atr_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

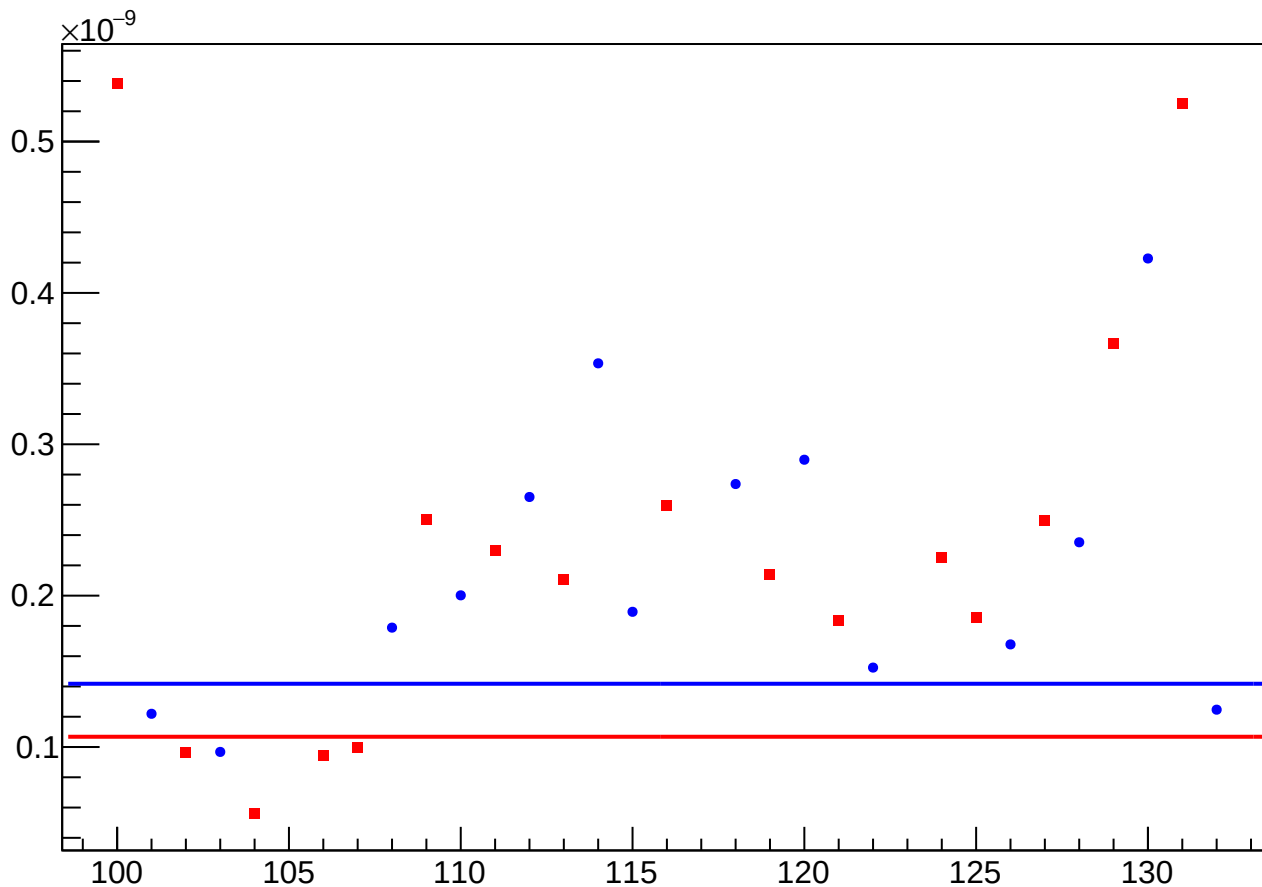
Right: 0.000+/-0.000 χ^2/NDF : 26.8/29

In: 0.000+/-0.000 χ^2/NDF : 14.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.8/29

asym_atr_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 743240.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1518586.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

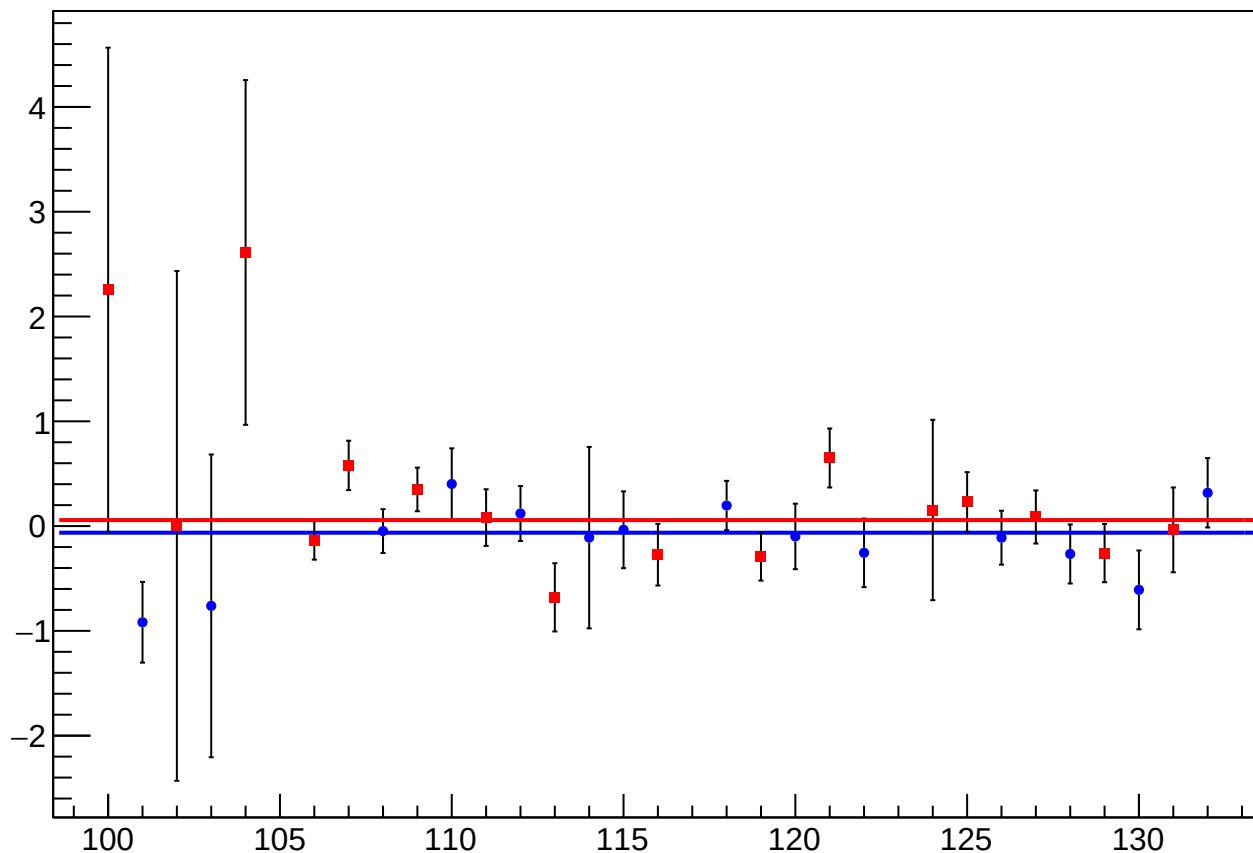
Right: 0.000+/-0.000 χ^2/NDF : 2413035.3/29

In: 0.000+/-0.000 χ^2/NDF : 743240.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2413035.3/29

asym_atr_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.063+/-0.083 χ^2/NDF : 13.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.058+/-0.073 χ^2/NDF : 26.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

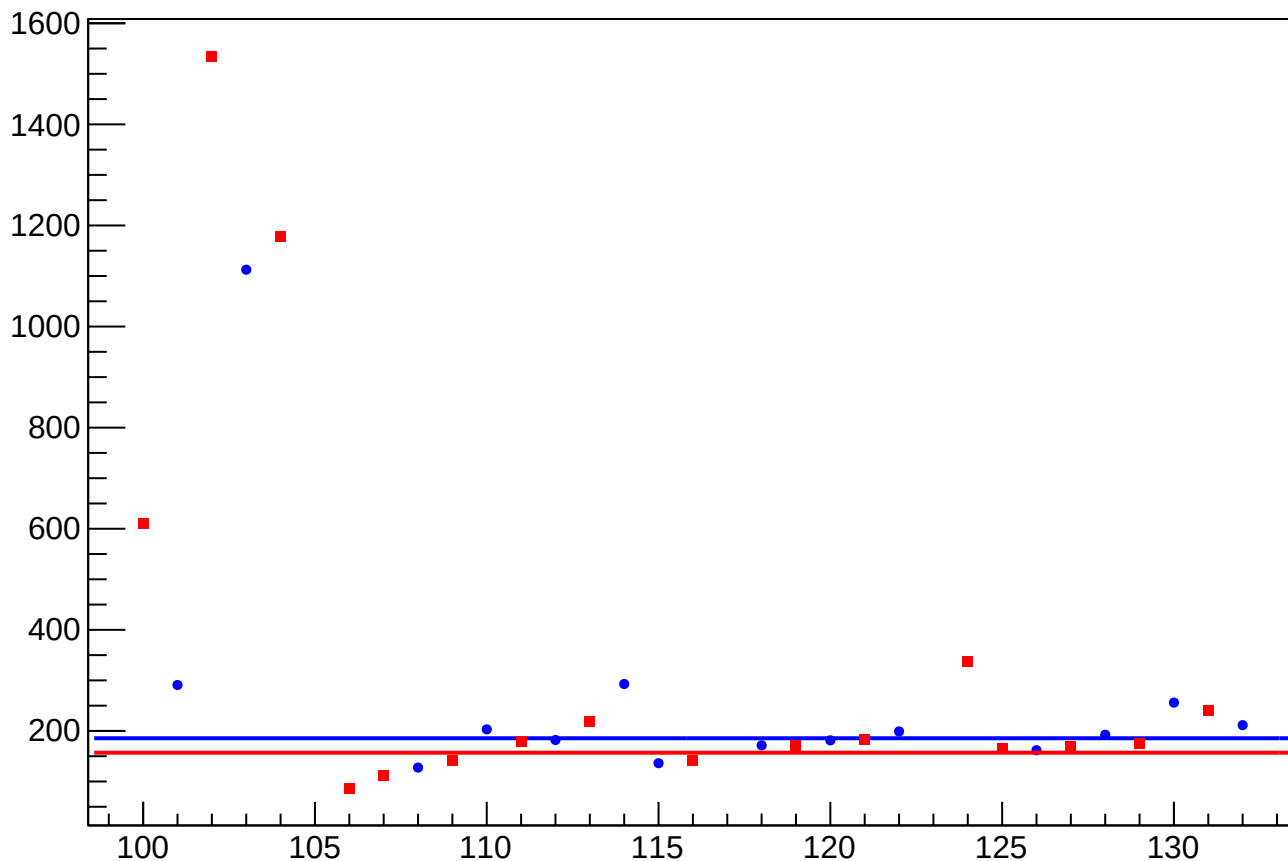
Right: 0.005+/-0.055 χ^2/NDF : 40.5/29

In: -0.063+/-0.083 χ^2/NDF : 13.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.055 χ^2/NDF : 40.5/29

asym_atr_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 185.544+/-0.059 χ^2/NDF : 1311253.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.996+/-0.052 χ^2/NDF : 2180473.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

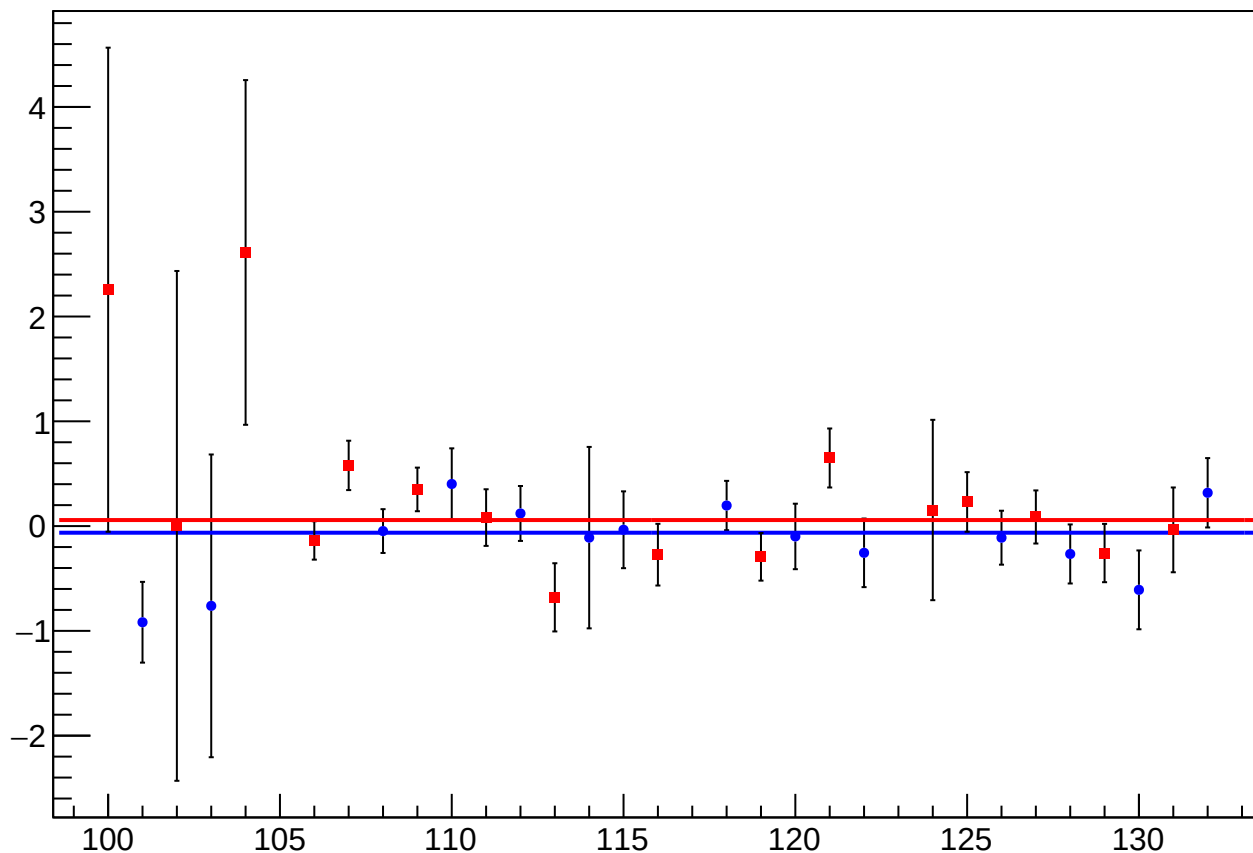
Right: 169.409+/-0.039 χ^2/NDF : 3623999.0/29

In: 185.544+/-0.059 χ^2/NDF : 1311253.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.409+/-0.039 χ^2/NDF : 3623999.0/29

asym_atr_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.063 ± 0.083 χ^2/NDF : 13.1/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.058 ± 0.073 χ^2/NDF : 26.3/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

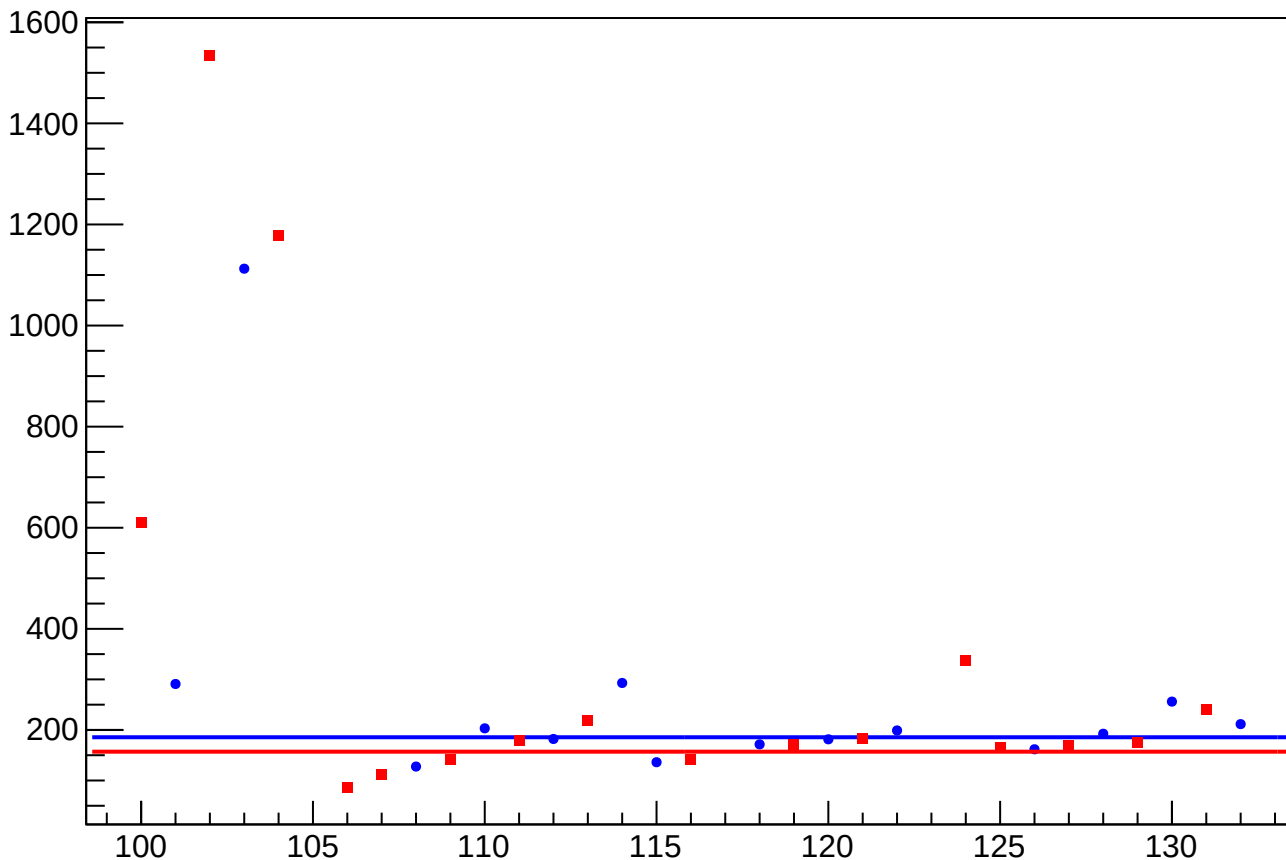
Right: 0.005 ± 0.055 χ^2/NDF : 40.5/29

In: -0.063 ± 0.083 χ^2/NDF : 13.1/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.005 ± 0.055 χ^2/NDF : 40.5/29

asym_atr_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 185.544+/-0.059 χ^2/NDF : 1311253.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.996+/-0.052 χ^2/NDF : 2180473.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

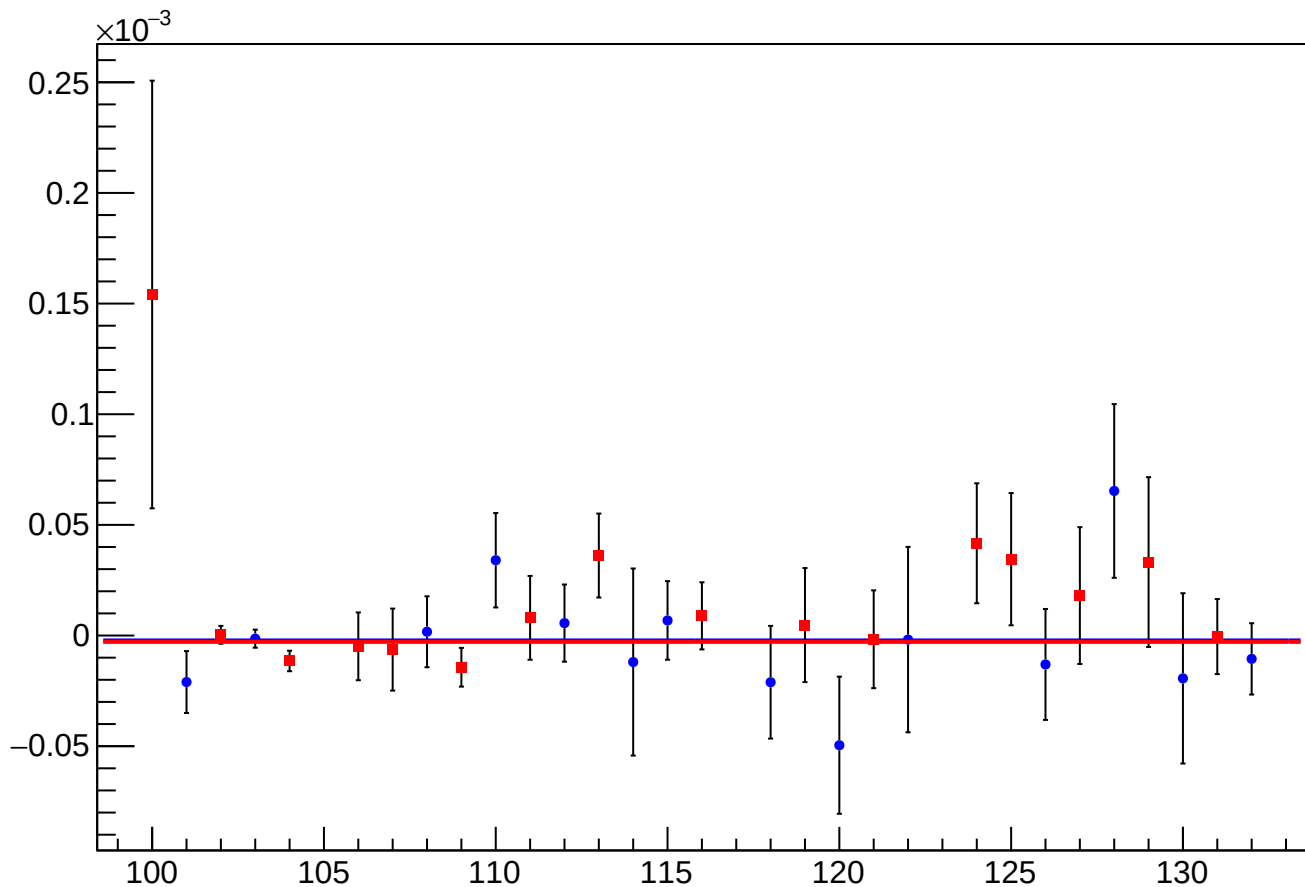
Right: 169.409+/-0.039 χ^2/NDF : 3623999.0/29

In: 185.544+/-0.059 χ^2/NDF : 1311253.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.409+/-0.039 χ^2/NDF : 3623999.0/29

asym_atr_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 19.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

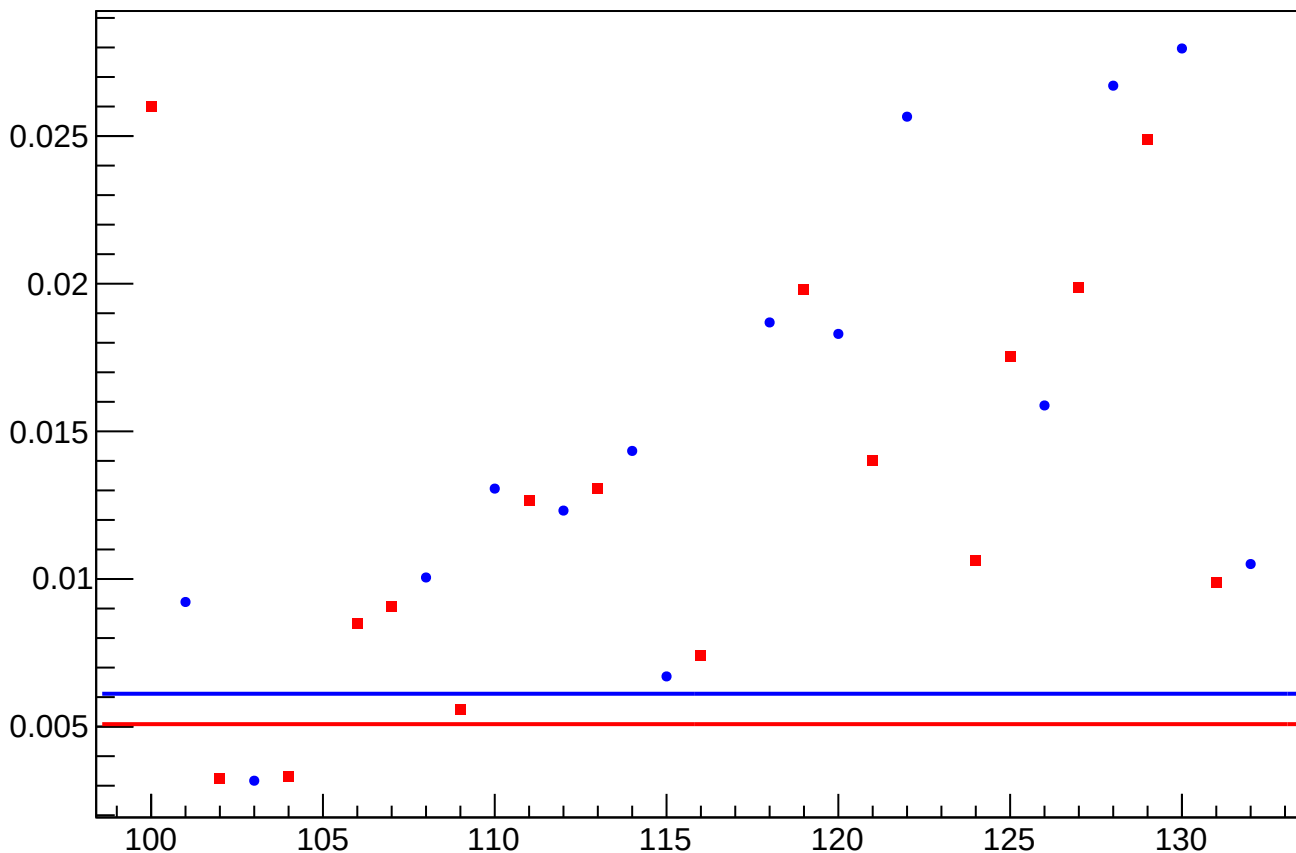
Right: -0.000+/-0.000 χ^2/NDF : 31.2/29

In: -0.000+/-0.000 χ^2/NDF :11.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.2/29

asym_atr_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000

χ^2/NDF : 4685908.6/13

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000

χ^2/NDF : 4280856.6/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.005+/-0.000

χ^2/NDF : 9084539.5/29

In: 0.006+/-0.000

χ^2/NDF : 4685908.6/13

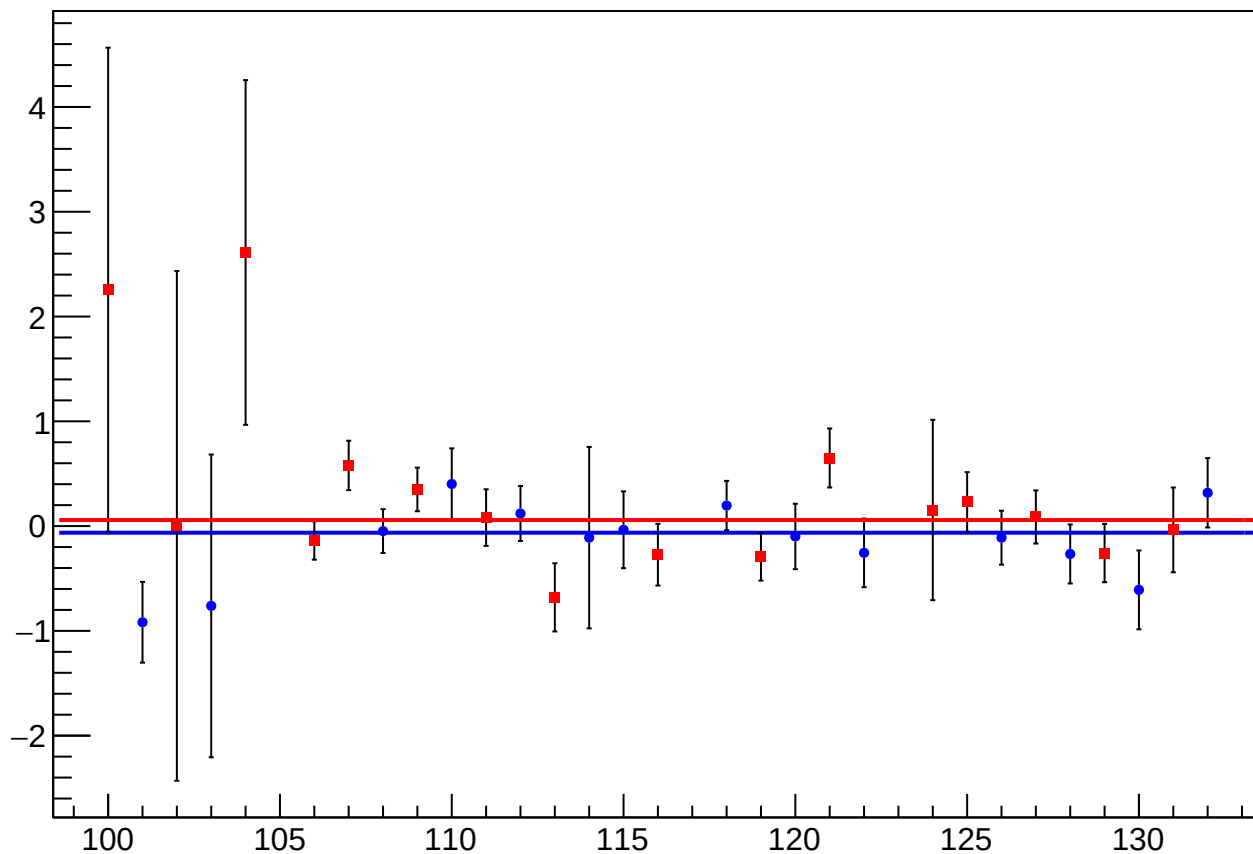
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.005+/-0.000

χ^2/NDF : 9084539.5/29

asym_atr_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.063+/-0.083 χ^2/NDF : 13.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.058+/-0.073 χ^2/NDF : 26.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

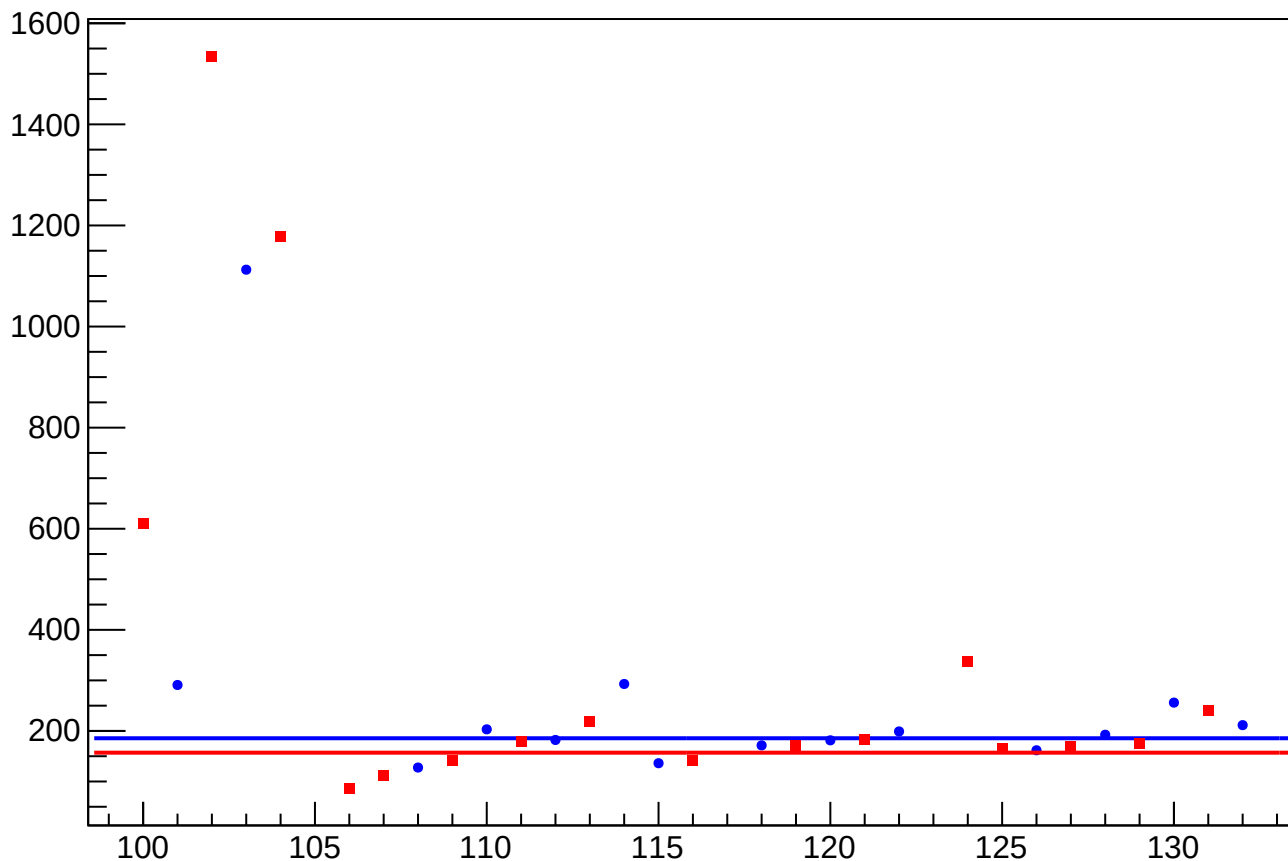
Right: 0.005+/-0.055 χ^2/NDF : 40.5/29

In: -0.063+/-0.083 χ^2/NDF : 13.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.055 χ^2/NDF : 40.5/29

asym_atr_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 185.542 $\pm$ 0.059 χ^2 /NDF: 1311231.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 156.995 $\pm$ 0.052 χ^2 /NDF: 2180444.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

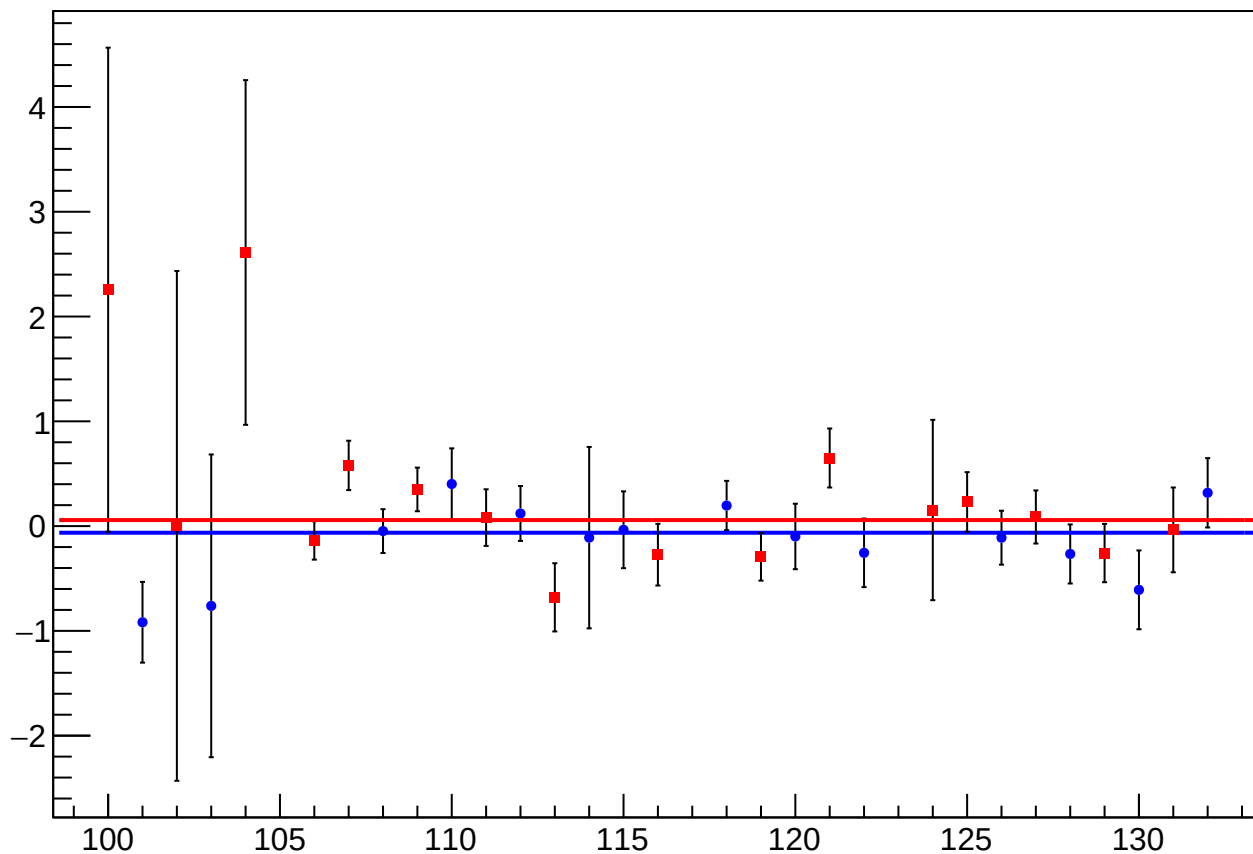
Right: 169.407 $\pm$ 0.039 χ^2 /NDF: 3623944.0/29

In: 185.542 $\pm$ 0.059 χ^2 /NDF:1311231.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 169.407 $\pm$ 0.039 χ^2 /NDF: 3623944.0/29

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.063+/-0.083 χ^2/NDF : 13.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.058+/-0.073 χ^2/NDF : 26.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

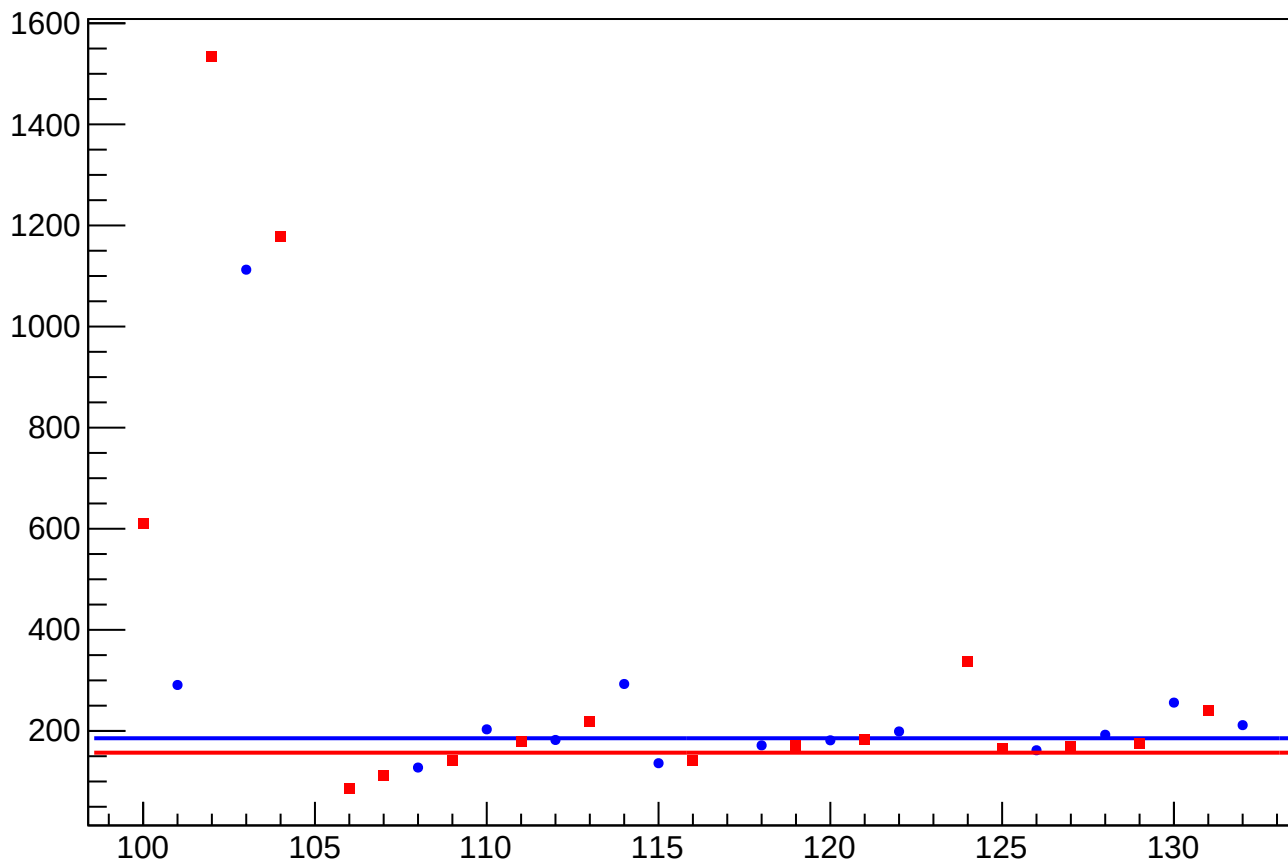
Right: 0.005+/-0.055 χ^2/NDF : 40.5/29

In: -0.063+/-0.083 χ^2/NDF :13.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.055 χ^2/NDF : 40.5/29

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 185.542+/-0.059 χ^2/NDF : 1311231.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.995+/-0.052 χ^2/NDF : 2180444.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

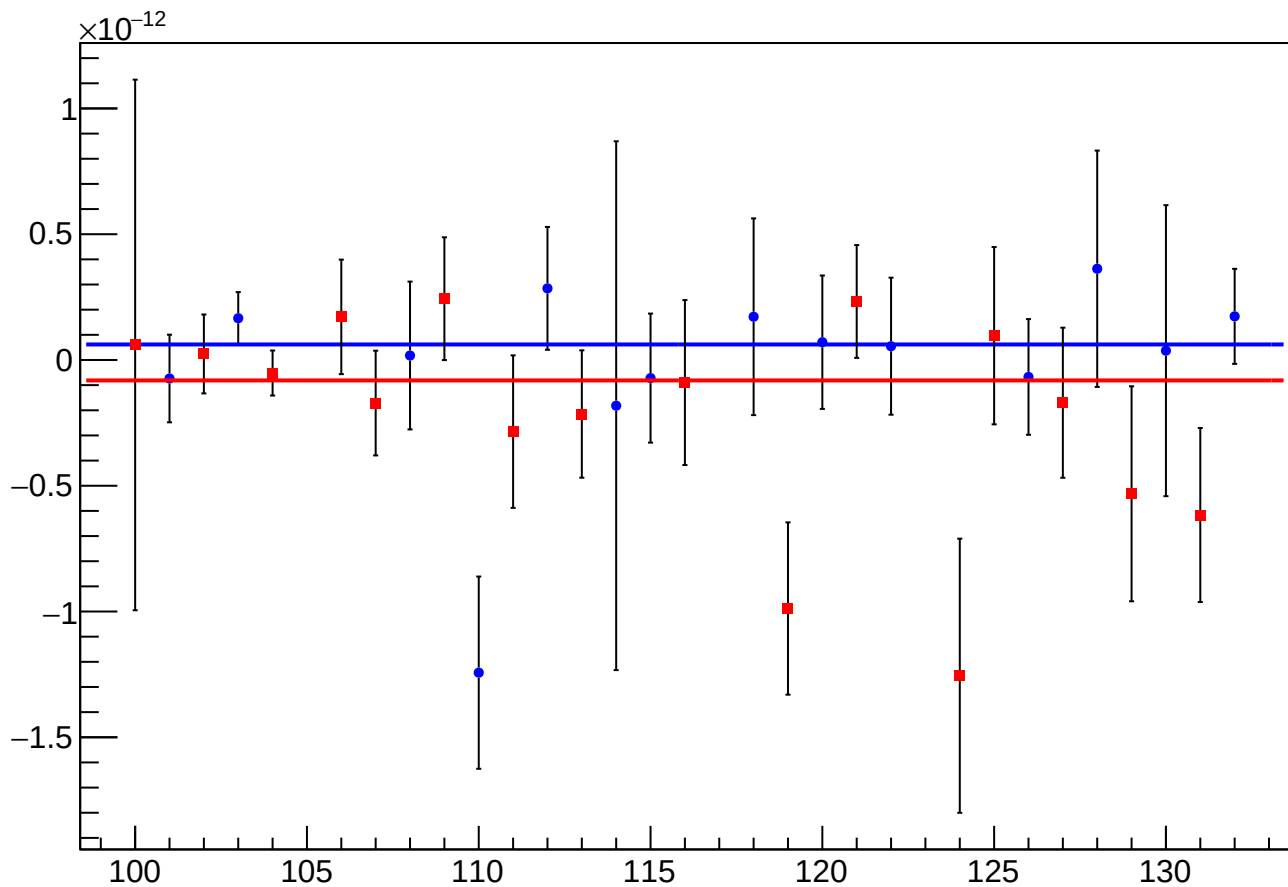
Right: 169.407+/-0.039 χ^2/NDF : 3623944.0/29

In: 185.542+/-0.059 χ^2/NDF : 1311231.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.407+/-0.039 χ^2/NDF : 3623944.0/29

asym_atr_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 22.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

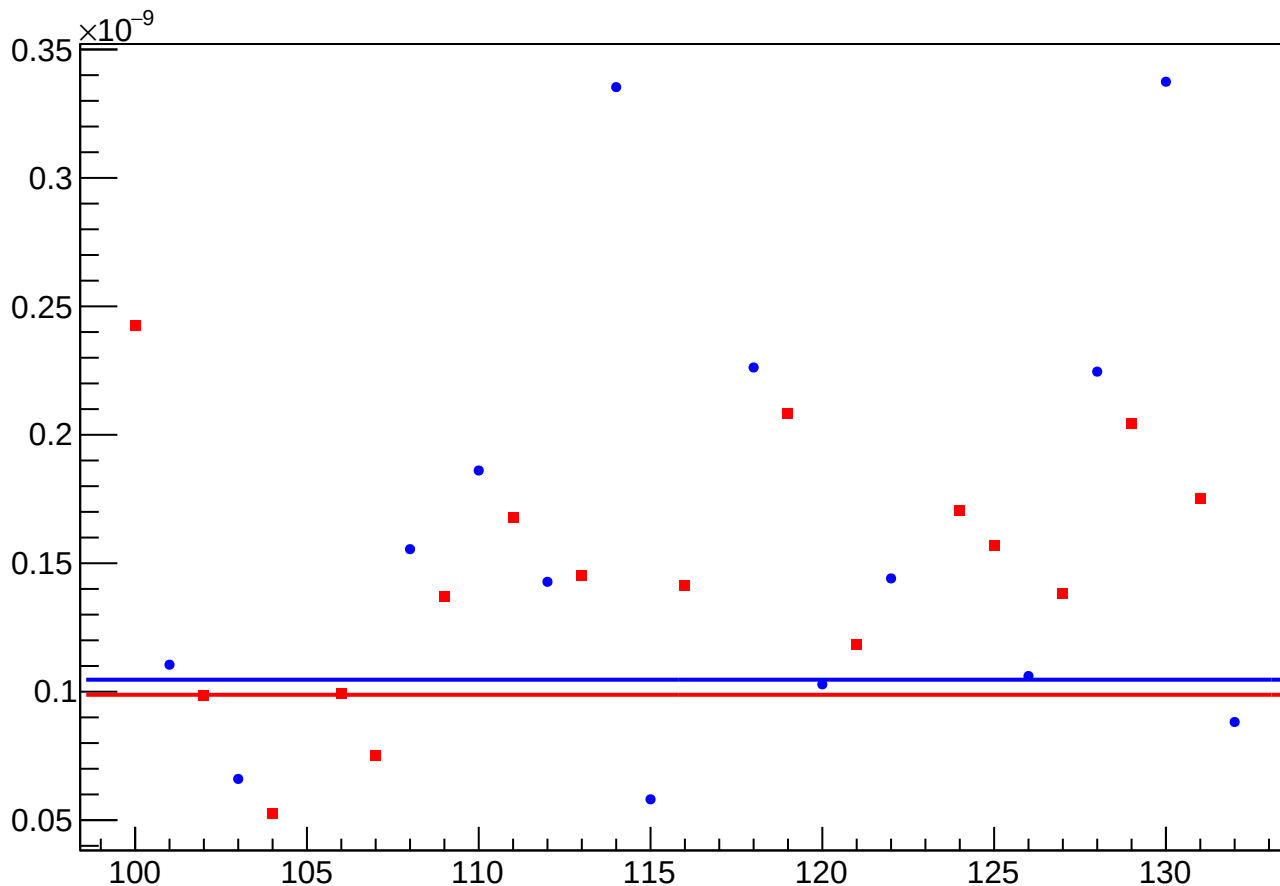
Right: -0.000+/-0.000 χ^2/NDF : 40.6/29

In: 0.000+/-0.000 χ^2/NDF : 15.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 40.6/29

asym_atr_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1345285.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1413650.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

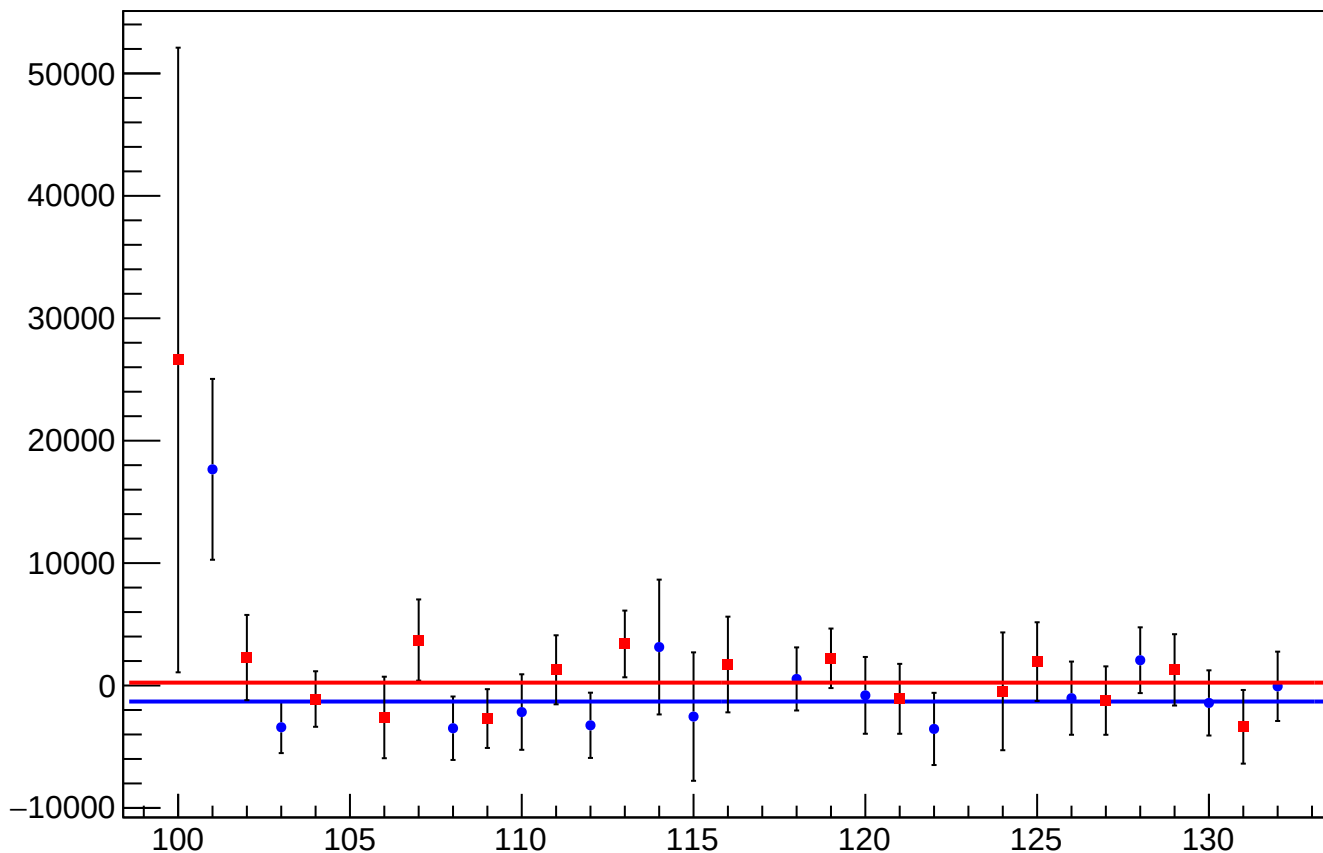
Right: 0.000+/-0.000 χ^2/NDF : 2769039.7/29

In: 0.000+/-0.000 χ^2/NDF : 1345285.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2769039.7/29

reg_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1308.372+/-793.115 χ^2/NDF : 12.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 235.693+/-756.642 χ^2/NDF : 9.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

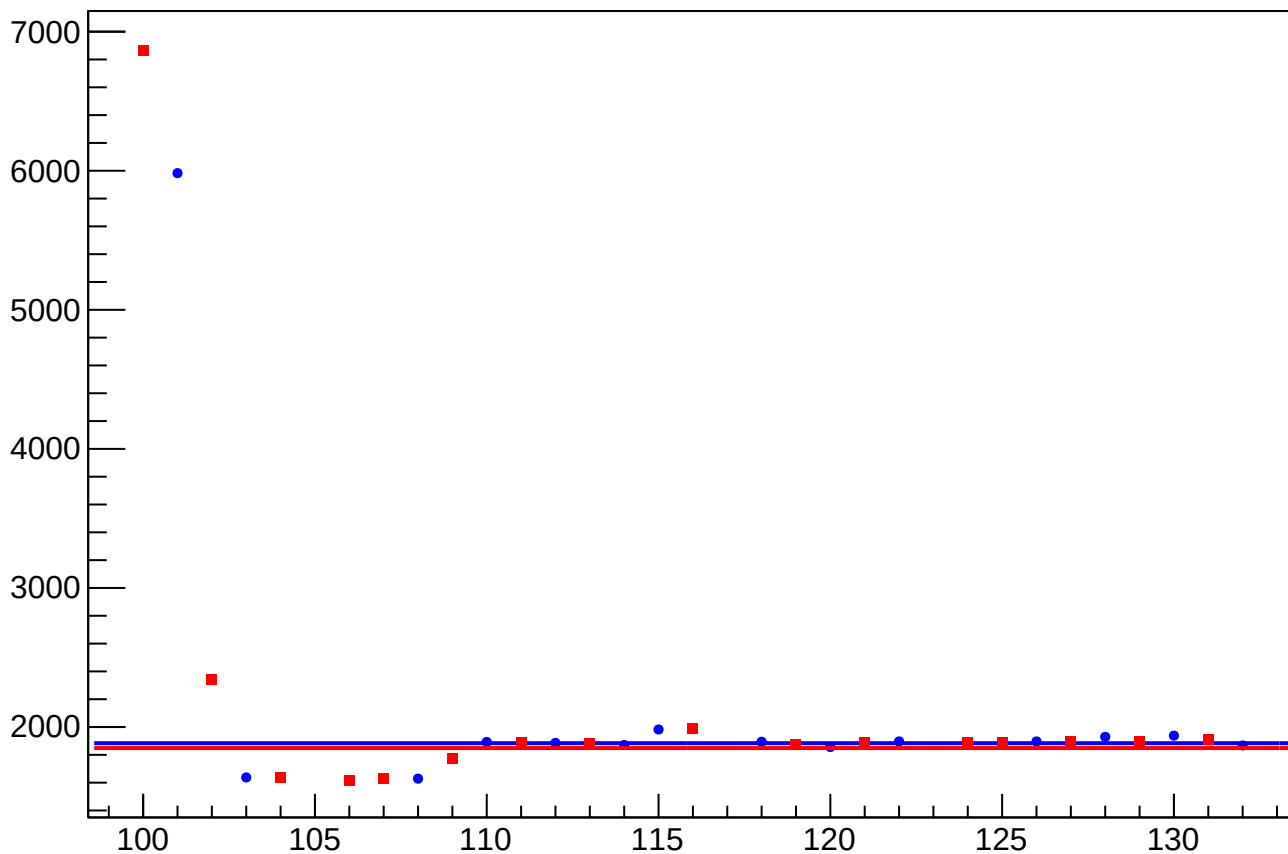
Right: -500.021+/-547.467 χ^2/NDF : 24.2/29

In: -1308.372+/-793.115 χ^2/NDF : 12.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -500.021+/-547.467 χ^2/NDF : 24.2/29

reg_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1883.755+/-0.561 χ^2/NDF : 664761.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1848.907+/-0.533 χ^2/NDF : 164035.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

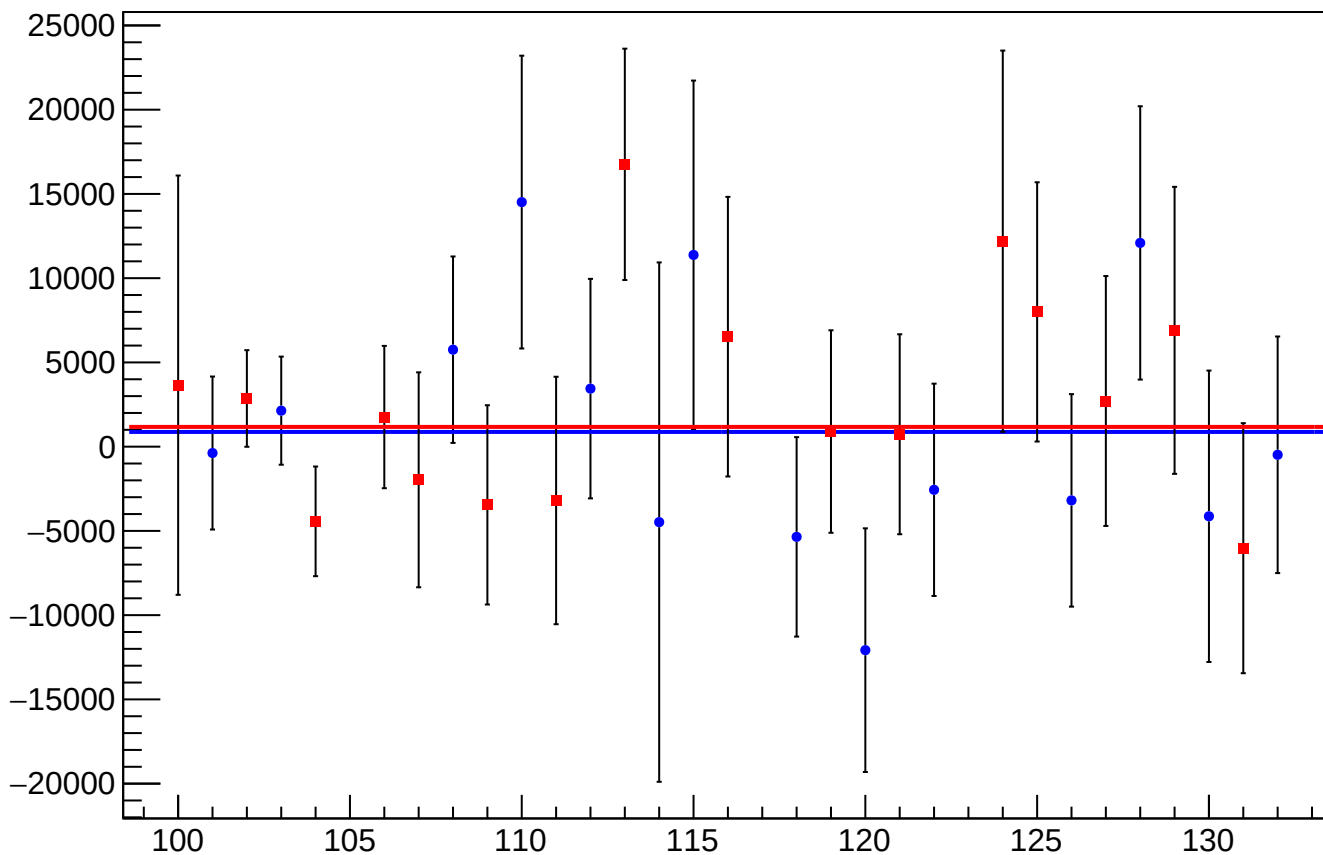
Right: 1865.443+/-0.386 χ^2/NDF : 830825.7/29

In: 1883.755+/-0.561 χ^2/NDF : 664761.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1865.443+/-0.386 χ^2/NDF : 830825.7/29

asym_atr_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 874.357+/-1631.772 χ^2/NDF : 12.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1173.087+/-1390.783 χ^2/NDF : 13.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

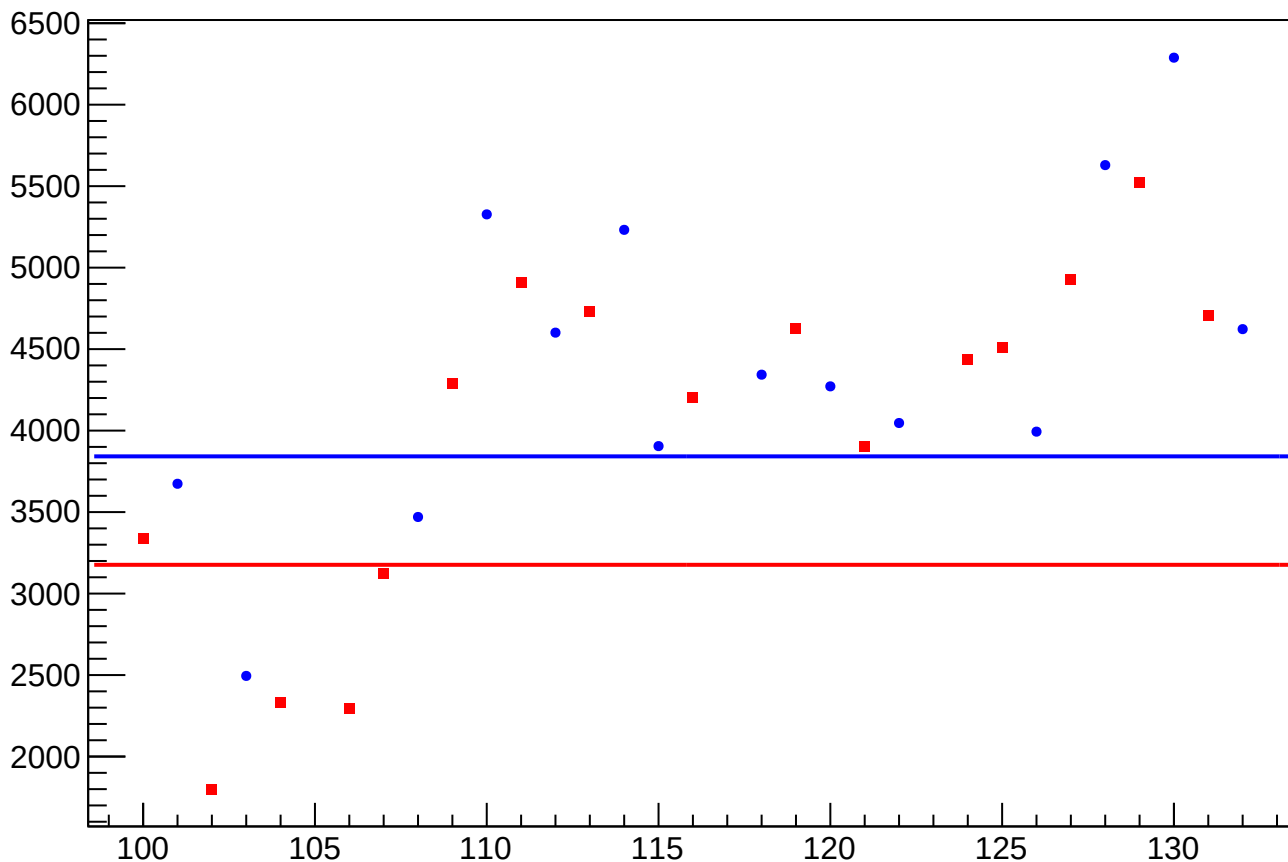
Right: 1047.389+/-1058.482 χ^2/NDF : 25.4/29

In: 874.357+/-1631.772 χ^2/NDF : 12.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1047.389+/-1058.482 χ^2/NDF : 25.4/29

asym_atr_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3841.969+/-1.154 χ^2/NDF : 772910.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3176.492+/-0.983 χ^2/NDF : 1577766.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

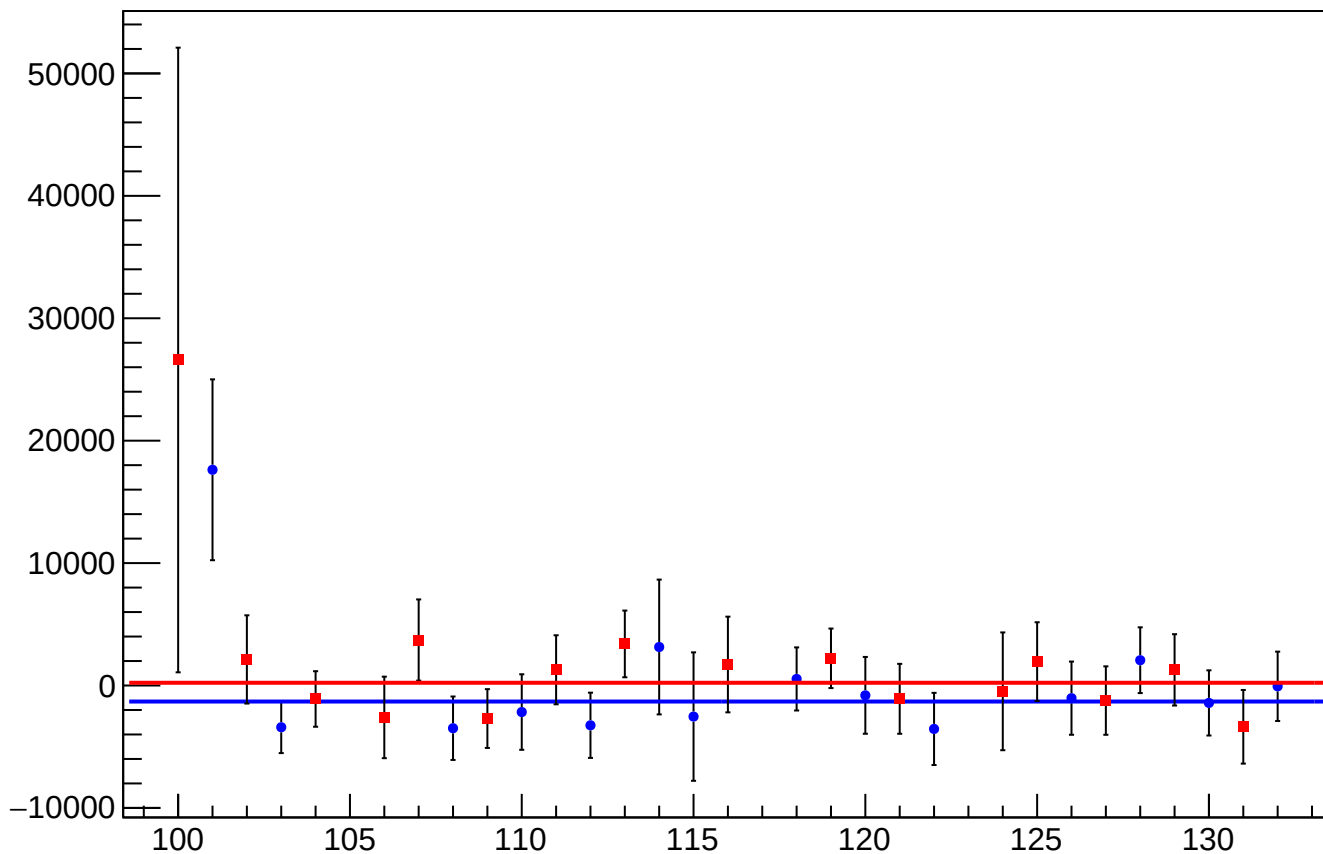
Right: 3456.507+/-0.748 χ^2/NDF : 2543352.8/29

In: 3841.969+/-1.154 χ^2/NDF : 772910.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3456.507+/-0.748 χ^2/NDF : 2543352.8/29

cor_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1308.793+/-793.115 χ^2/NDF : 12.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 223.246+/-757.826 χ^2/NDF : 9.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

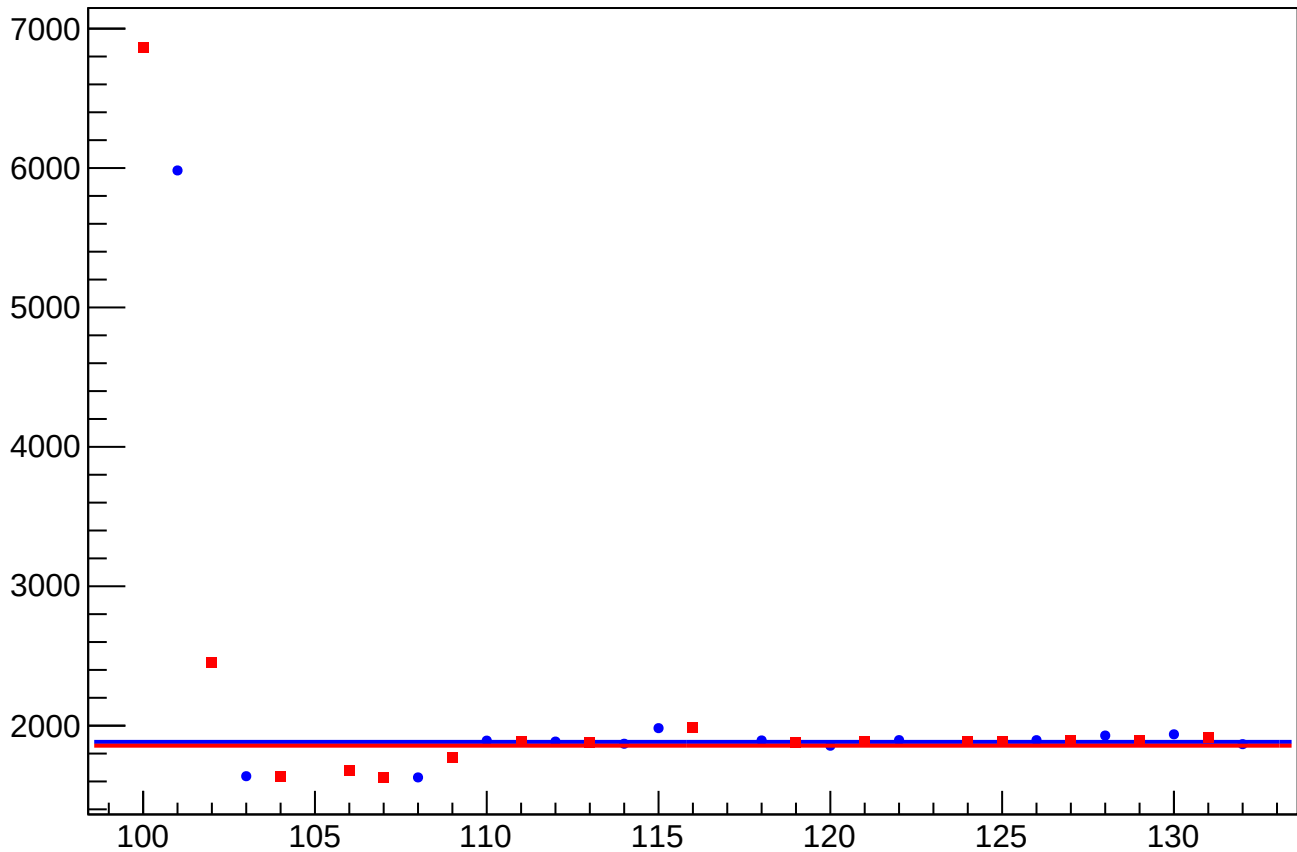
Right: -507.933+/-547.915 χ^2/NDF : 24.1/29

In: -1308.793+/-793.115 χ^2/NDF : 12.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -507.933+/-547.915 χ^2/NDF : 24.1/29

cor_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1883.755+/-0.561 χ^2/NDF : 664761.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1856.552+/-0.535 χ^2/NDF : 174293.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

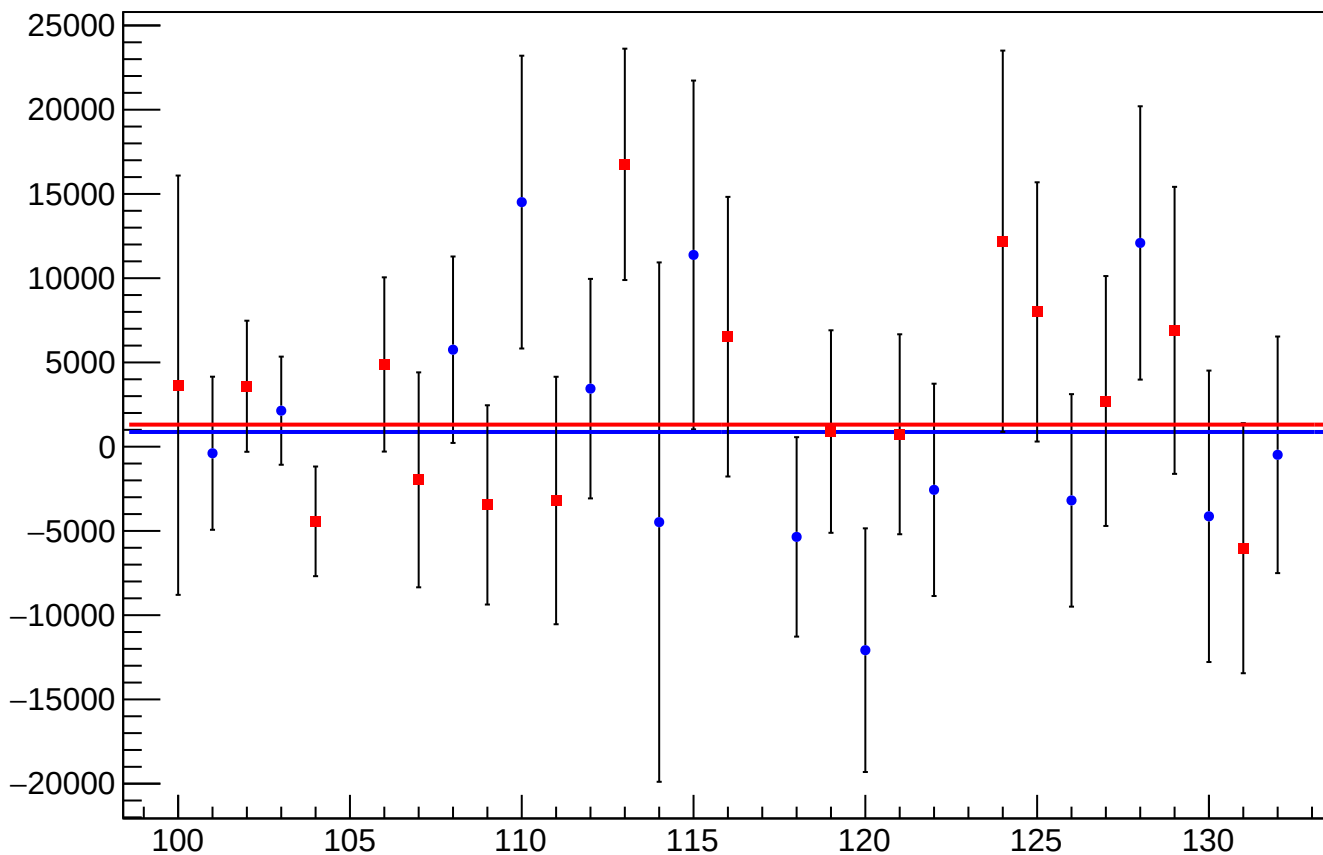
Right: 1869.510+/-0.387 χ^2/NDF : 840287.2/29

In: 1883.755+/-0.561 χ^2/NDF : 664761.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1869.510+/-0.387 χ^2/NDF : 840287.2/29

asym_atr_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 872.794+/-1632.004 χ^2/NDF : 12.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1309.416+/-1502.896 χ^2/NDF : 13.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

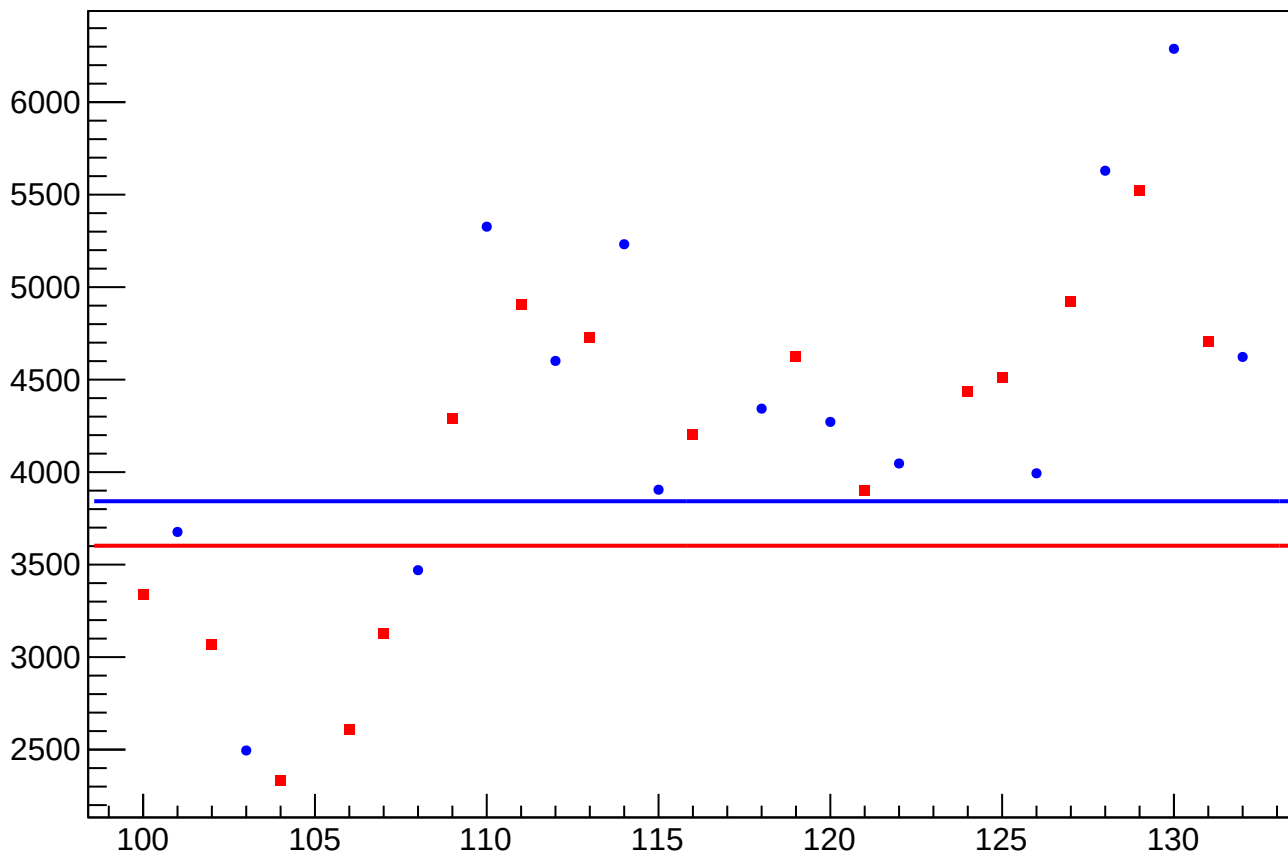
Right: 1109.056+/-1105.537 χ^2/NDF : 26.0/29

In: 872.794+/-1632.004 χ^2/NDF : 12.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1109.056+/-1105.537 χ^2/NDF : 26.0/29

asym_atr_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3842.611+/-1.154 χ^2/NDF : 772440.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3602.162+/-1.063 χ^2/NDF : 894042.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

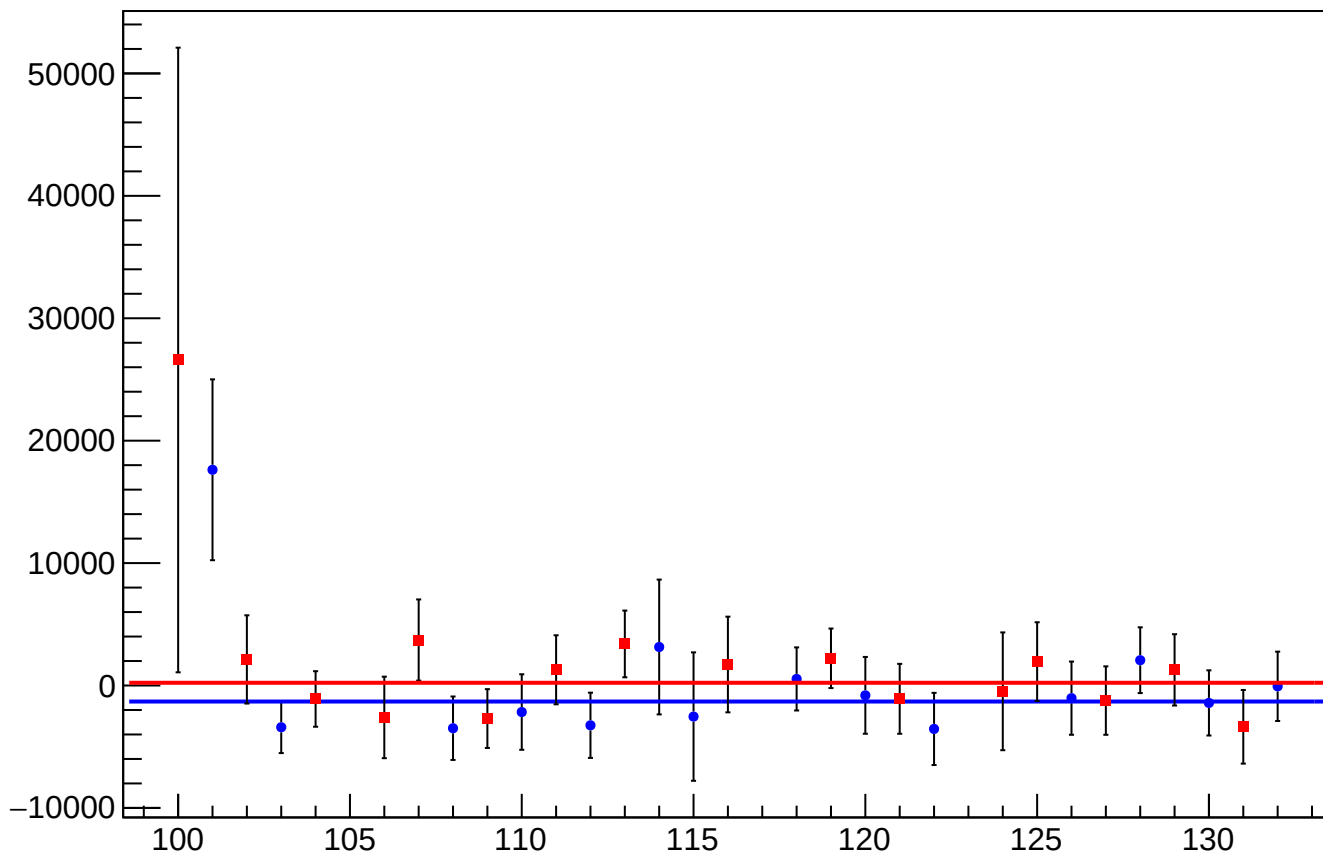
Right: 3712.500+/-0.782 χ^2/NDF : 1689975.4/29

In: 3842.611+/-1.154 χ^2/NDF : 772440.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3712.500+/-0.782 χ^2/NDF : 1689975.4/29

eigen_cor_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1308.793+/-793.115 χ^2/NDF : 12.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 223.246+/-757.826 χ^2/NDF : 9.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

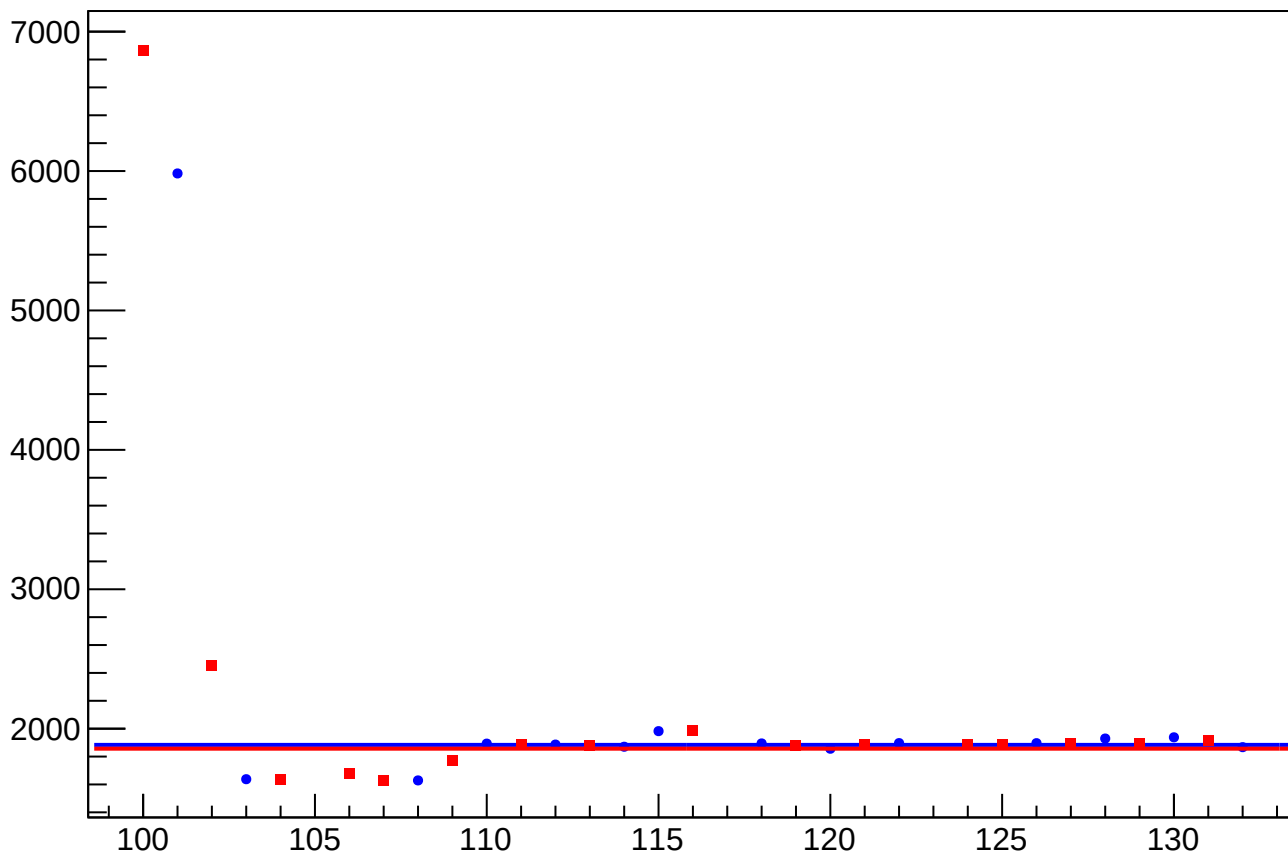
Right: -507.933+/-547.915 χ^2/NDF : 24.1/29

In: -1308.793+/-793.115 χ^2/NDF : 12.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -507.933+/-547.915 χ^2/NDF : 24.1/29

eigen_cor_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1883.755+/-0.561 χ^2/NDF : 664761.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1856.552+/-0.535 χ^2/NDF : 174293.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

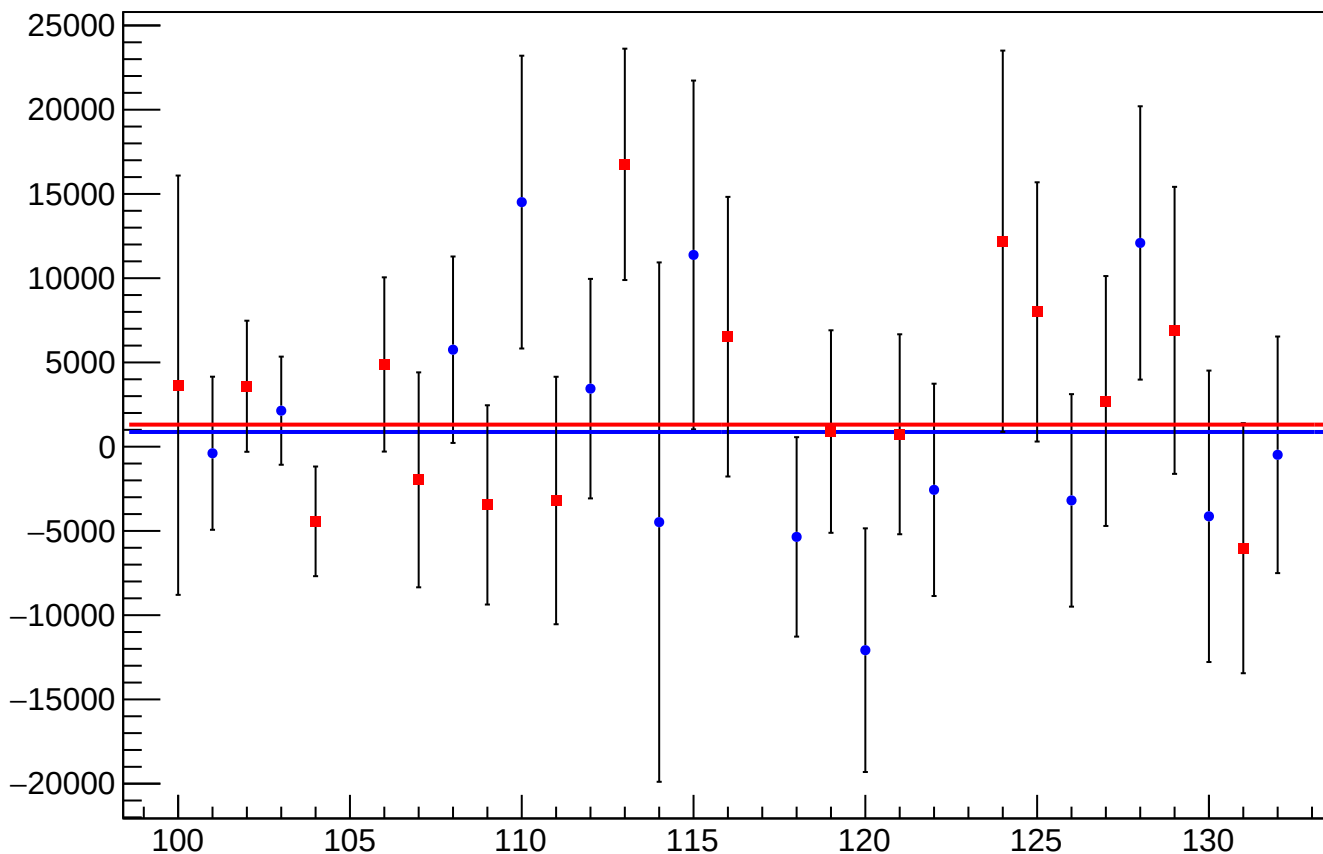
Right: 1869.510+/-0.387 χ^2/NDF : 840287.2/29

In: 1883.755+/-0.561 χ^2/NDF : 664761.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1869.510+/-0.387 χ^2/NDF : 840287.2/29

asym_atr_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 872.794+/-1632.004 χ^2/NDF : 12.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1309.416+/-1502.896 χ^2/NDF : 13.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

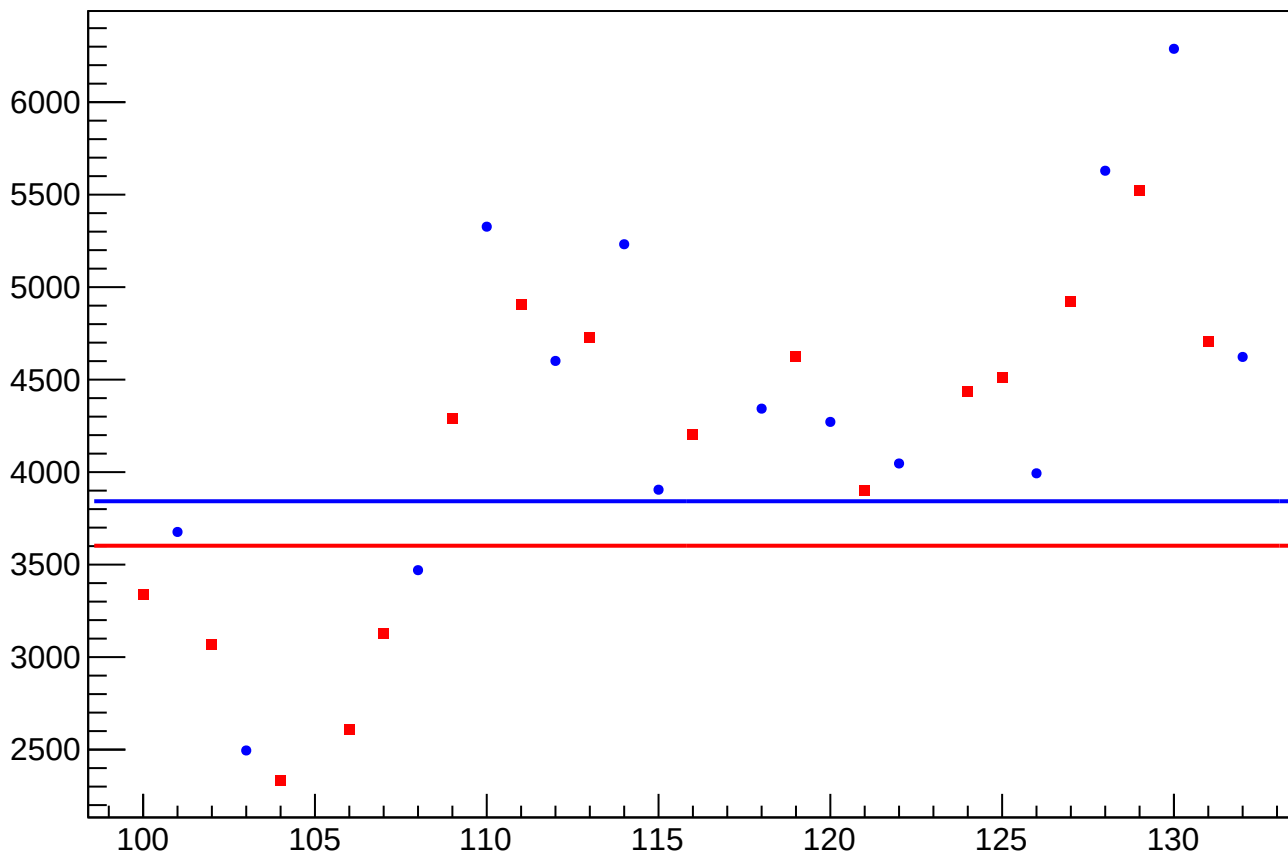
Right: 1109.056+/-1105.537 χ^2/NDF : 26.0/29

In: 872.794+/-1632.004 χ^2/NDF : 12.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1109.056+/-1105.537 χ^2/NDF : 26.0/29

asym_atr_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3842.611+/-1.154 χ^2/NDF : 772440.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3602.162+/-1.063 χ^2/NDF : 894042.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

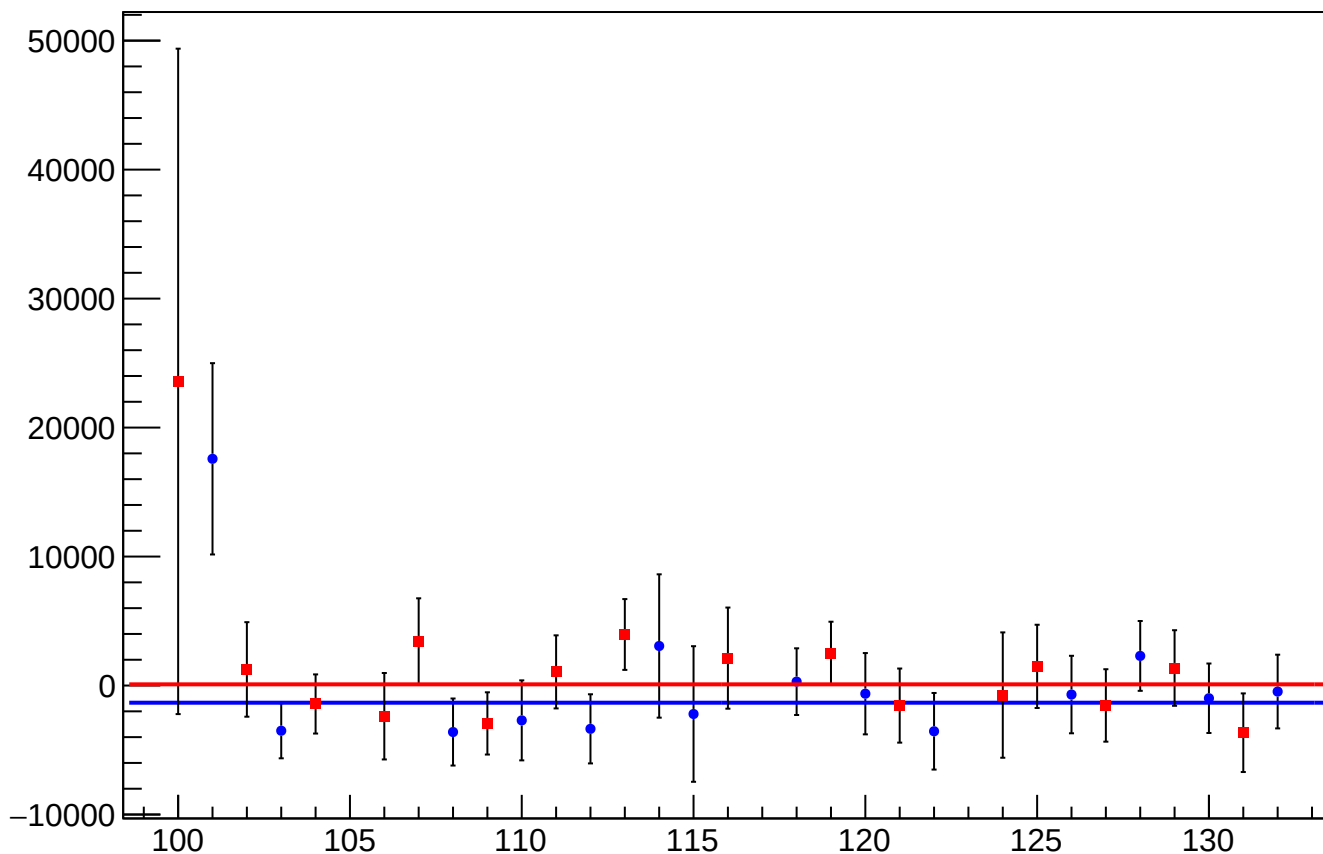
Right: 3712.500+/-0.782 χ^2/NDF : 1689975.4/29

In: 3842.611+/-1.154 χ^2/NDF : 772440.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3712.500+/-0.782 χ^2/NDF : 1689975.4/29

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1330.627 $\pm$ 798.553 χ^2 /NDF: 12.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 93.013 $\pm$ 762.919 χ^2 /NDF: 10.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

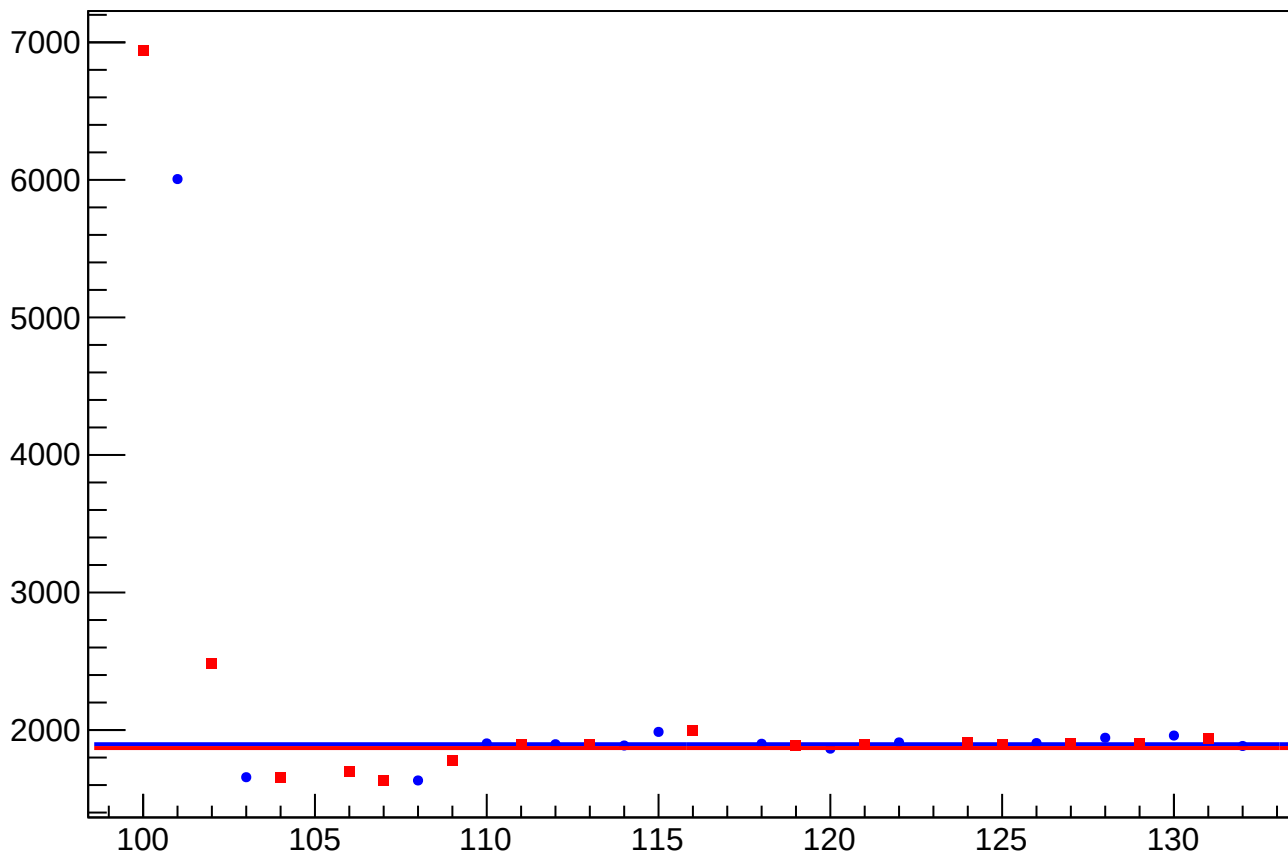
Right: -586.335 $\pm$ 551.633 χ^2 /NDF: 24.8/29

In: -1330.627 $\pm$ 798.553 χ^2 /NDF:12.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -586.335 $\pm$ 551.633 χ^2 /NDF: 24.8/29

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1896.857+/-0.565 χ^2/NDF : 662322.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1868.938+/-0.539 χ^2/NDF : 173996.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

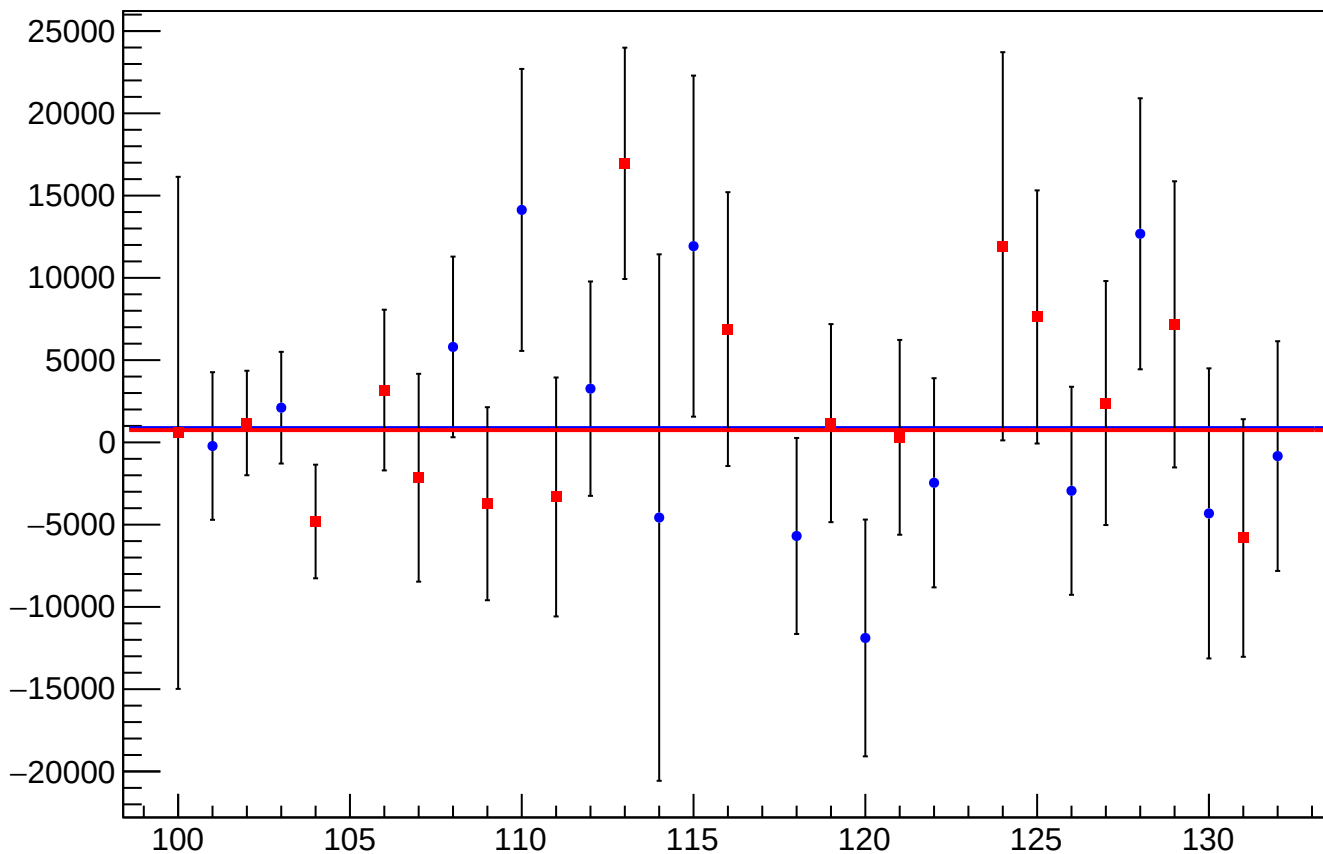
Right: 1882.244+/-0.390 χ^2/NDF : 837598.7/29

In: 1896.857+/-0.565 χ^2/NDF : 662322.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1882.244+/-0.390 χ^2/NDF : 837598.7/29

asym_atr_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 867.750+/-1654.208 χ^2/NDF : 12.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 746.888+/-1462.330 χ^2/NDF : 12.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

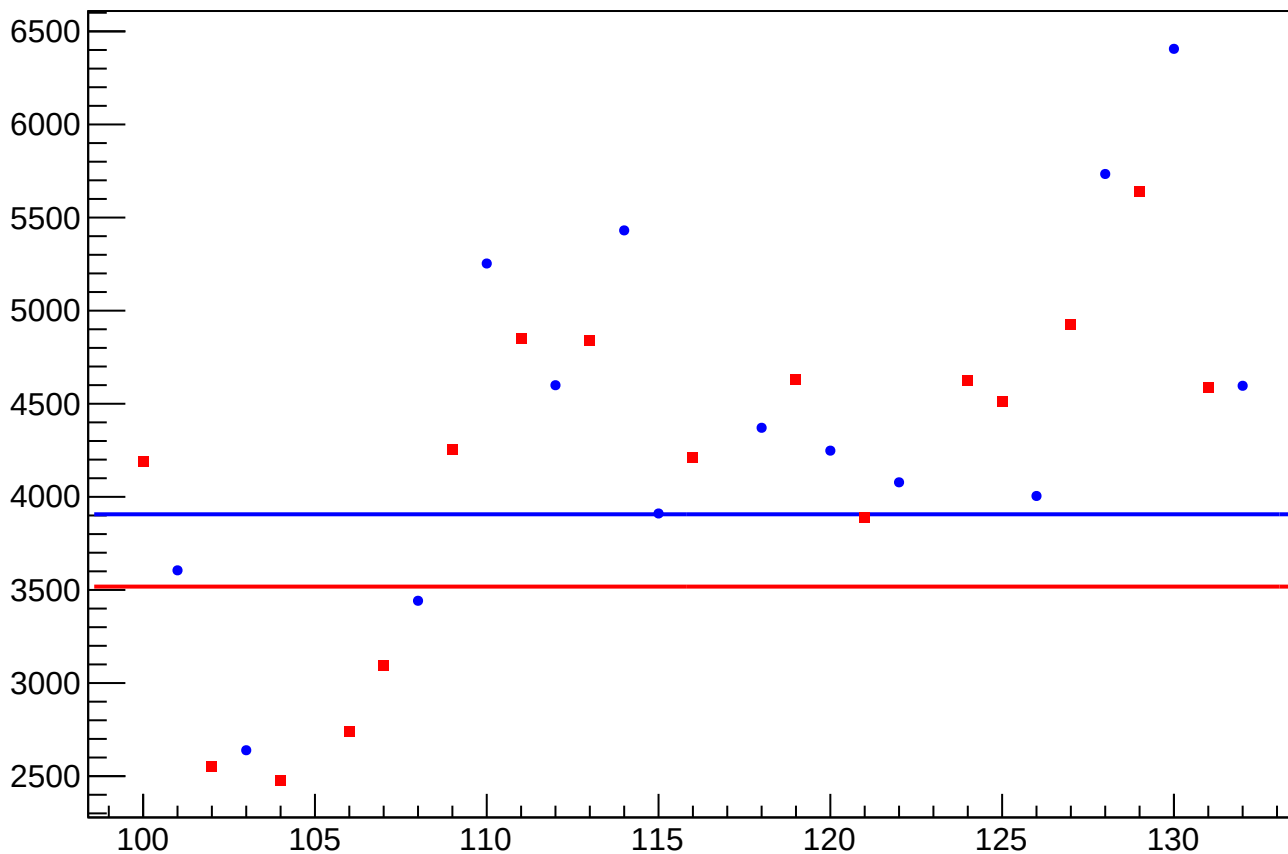
Right: 799.906+/-1095.611 χ^2/NDF : 25.2/29

In: 867.750+/-1654.208 χ^2/NDF : 12.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 799.906+/-1095.611 χ^2/NDF : 25.2/29

asym_atr_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3906.353+/-1.170 χ^2/NDF : 689705.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3517.995+/-1.034 χ^2/NDF : 975625.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

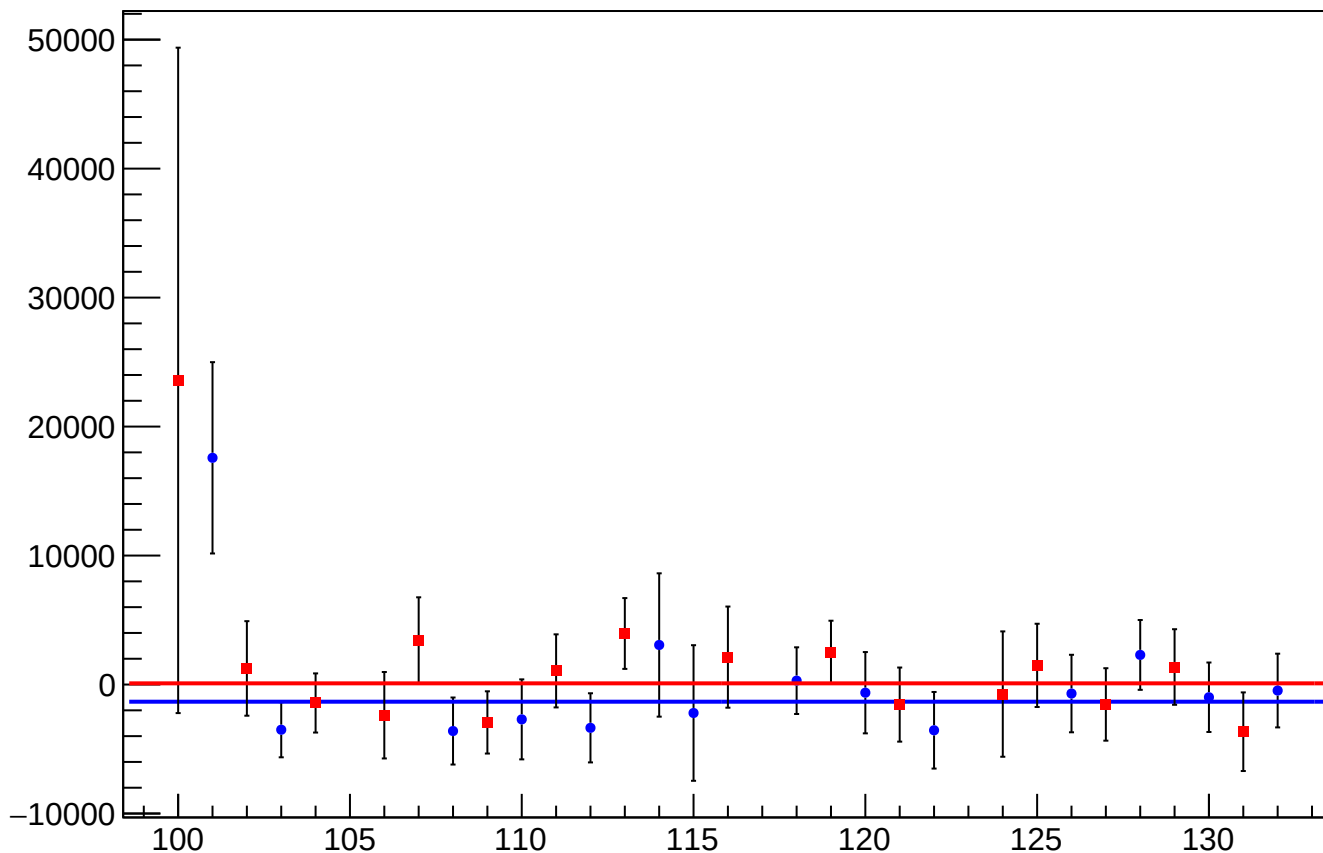
Right: 3688.354+/-0.775 χ^2/NDF : 1727209.0/29

In: 3906.353+/-1.170 χ^2/NDF : 689705.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3688.354+/-0.775 χ^2/NDF : 1727209.0/29

eigen_dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1330.627+/-798.553 χ^2/NDF : 12.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.006+/-762.919 χ^2/NDF : 10.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

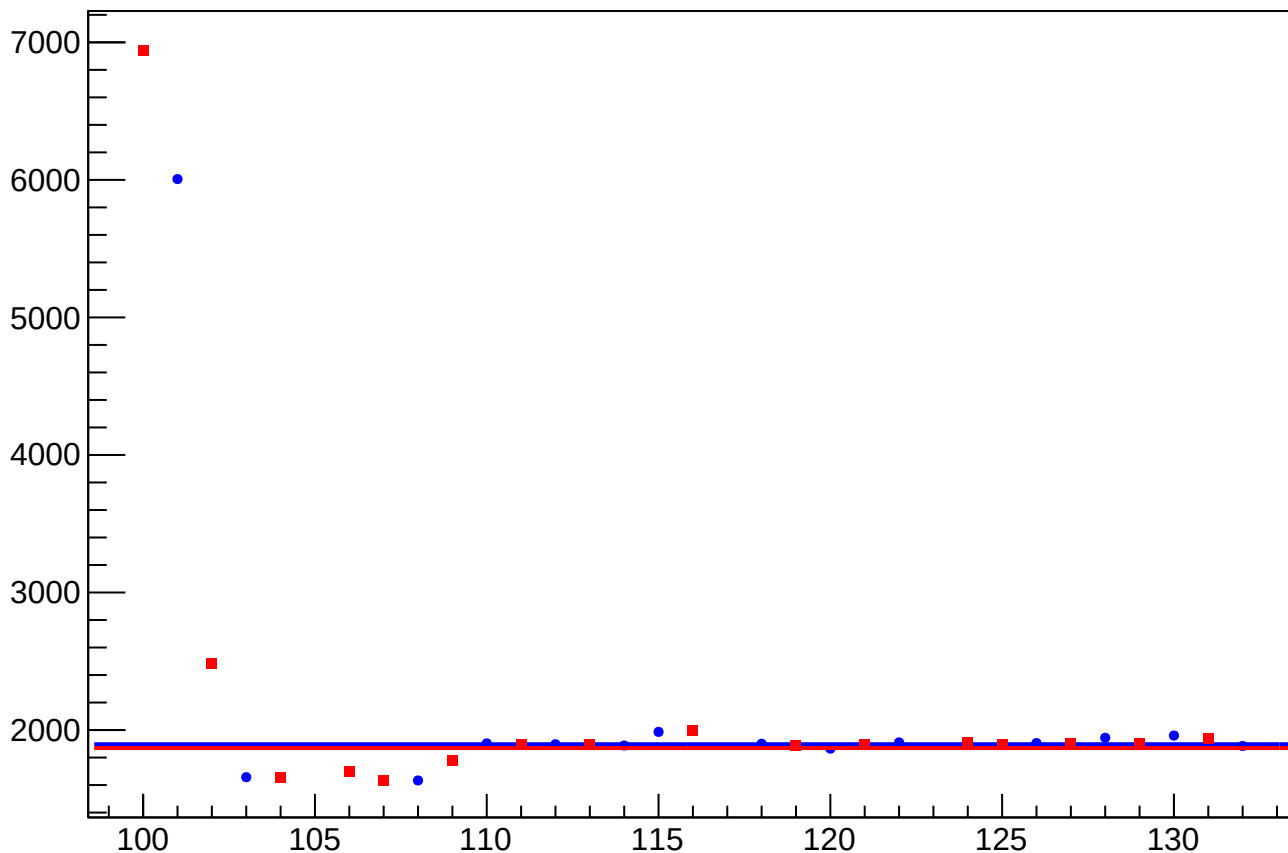
Right: -586.339+/-551.633 χ^2/NDF : 24.8/29

In: -1330.627+/-798.553 χ^2/NDF : 12.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -586.339+/-551.633 χ^2/NDF : 24.8/29

eigen_dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1896.857+/-0.565 χ^2/NDF : 662322.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1868.938+/-0.539 χ^2/NDF : 173996.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

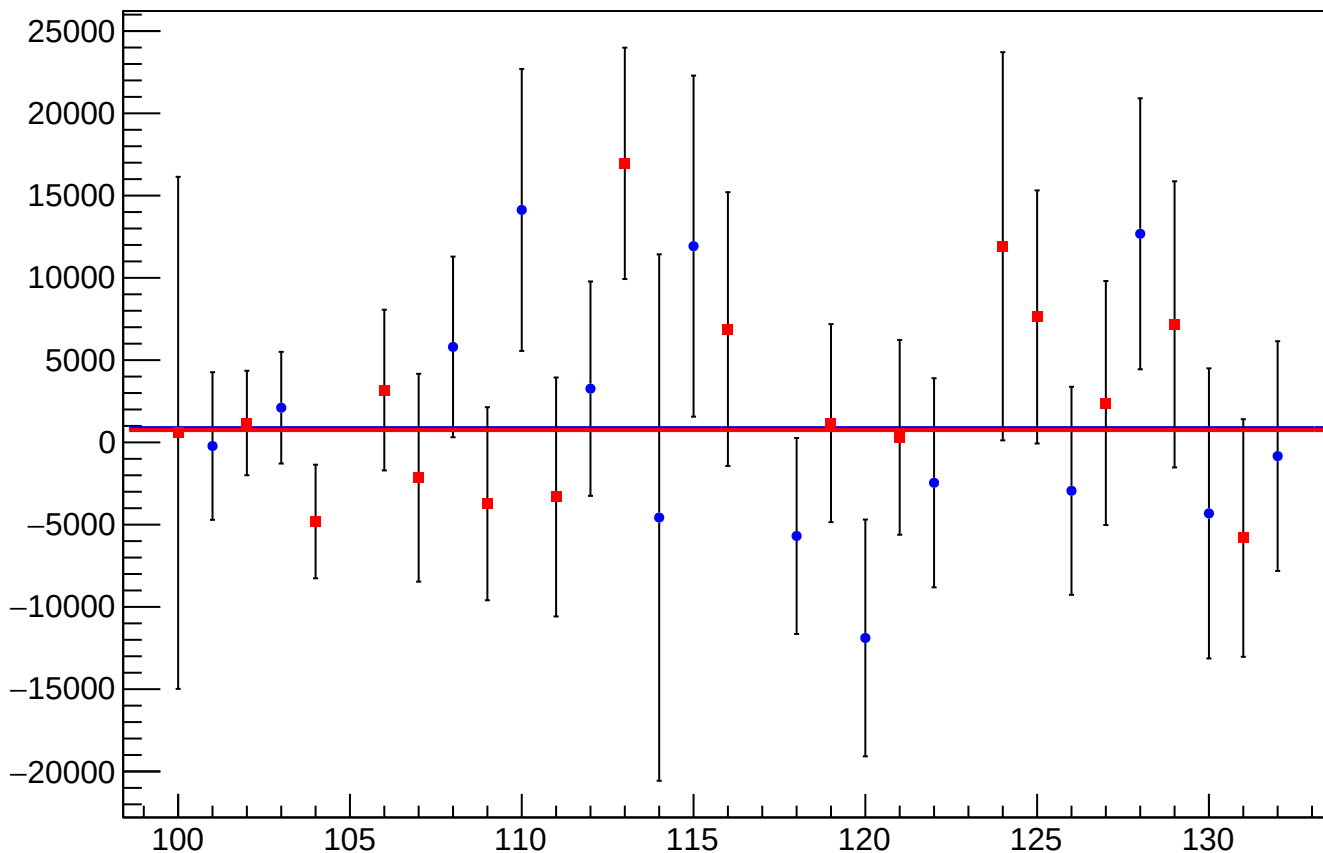
Right: 1882.244+/-0.390 χ^2/NDF : 837598.6/29

In: 1896.857+/-0.565 χ^2/NDF : 662322.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1882.244+/-0.390 χ^2/NDF : 837598.6/29

asym_atr_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 867.746+/-1654.205 χ^2/NDF : 12.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 746.886+/-1462.327 χ^2/NDF : 12.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

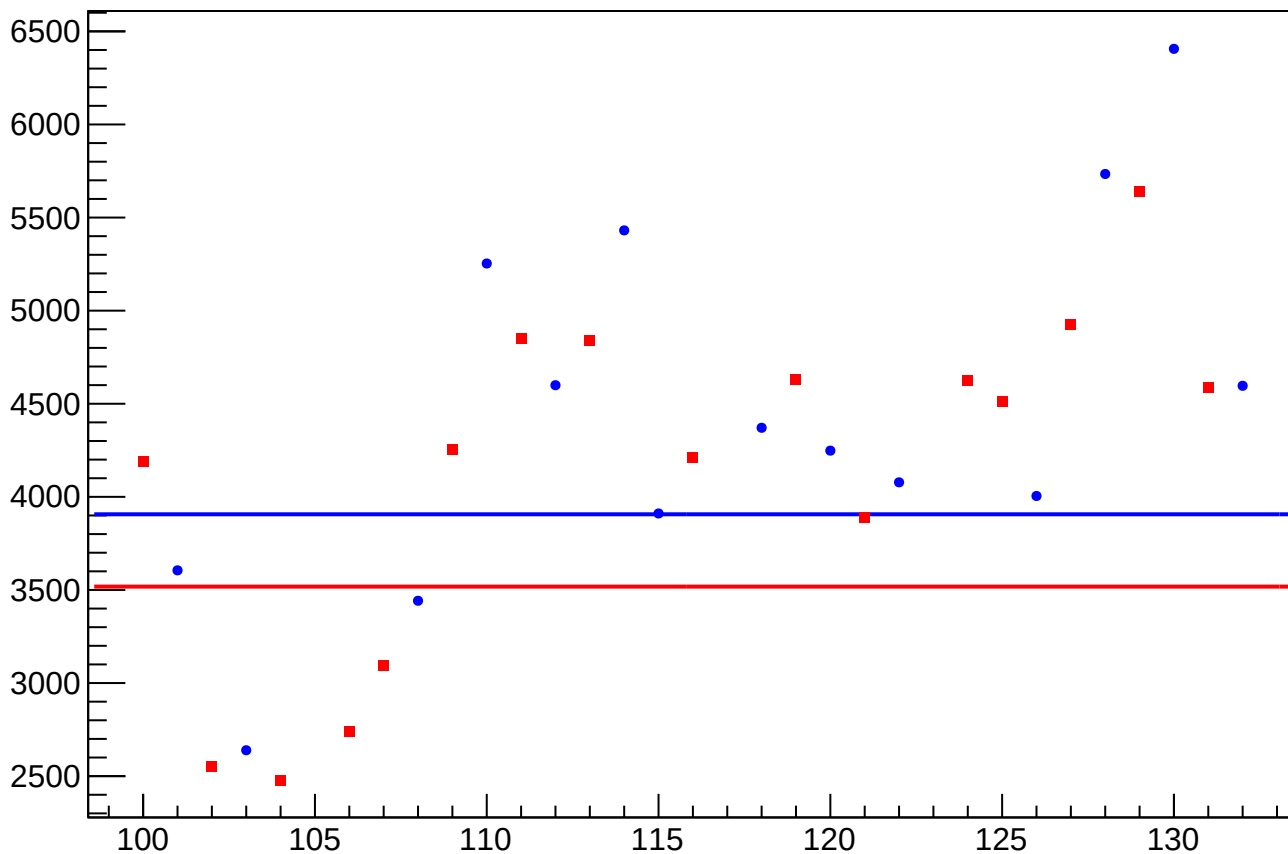
Right: 799.903+/-1095.609 χ^2/NDF : 25.2/29

In: 867.746+/-1654.205 χ^2/NDF : 12.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 799.903+/-1095.609 χ^2/NDF : 25.2/29

asym_atr_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3906.347+/-1.170 χ^2/NDF : 689697.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3517.990+/-1.034 χ^2/NDF : 975617.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

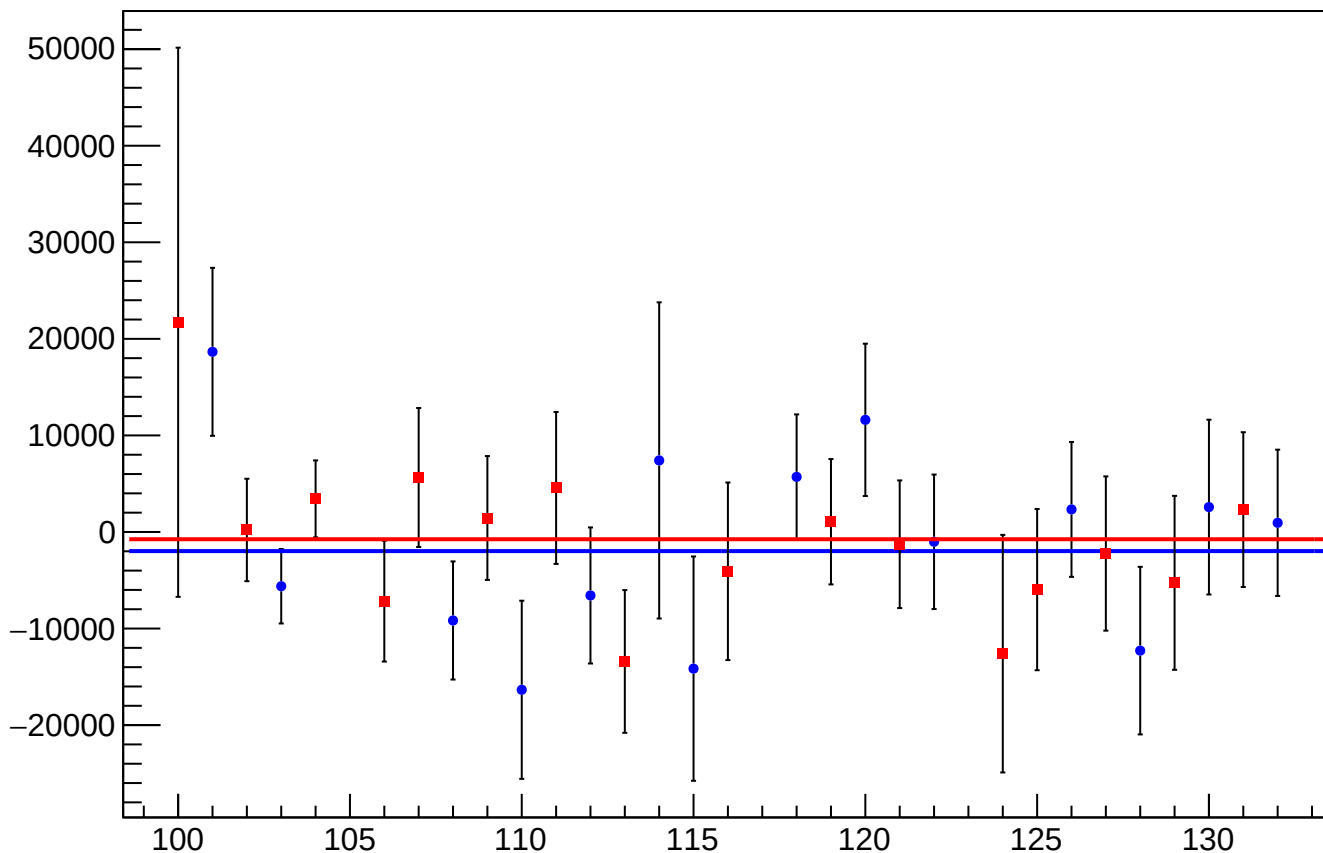
Right: 3688.349+/-0.775 χ^2/NDF : 1727193.3/29

In: 3906.347+/-1.170 χ^2/NDF : 689697.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3688.349+/-0.775 χ^2/NDF : 1727193.3/29

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1979.963+/-1909.856 χ^2/NDF : 18.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -750.519+/-1750.589 χ^2/NDF : 9.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

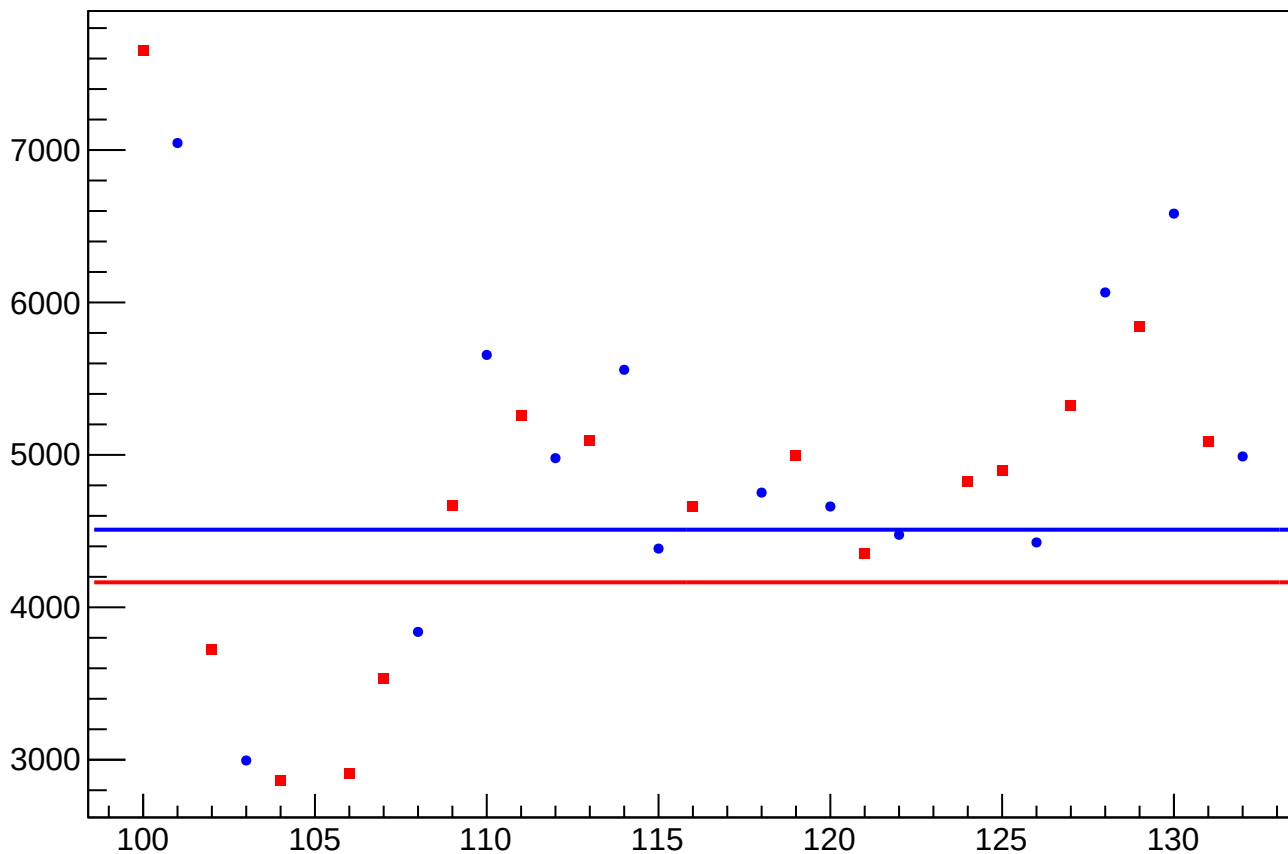
Right: -1311.849+/-1290.492 χ^2/NDF : 28.1/29

In: -1979.963+/-1909.856 χ^2/NDF : 18.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1311.849+/-1290.492 χ^2/NDF : 28.1/29

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4509.291+/-1.350 χ^2/NDF : 731722.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4163.973+/-1.226 χ^2/NDF : 654615.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

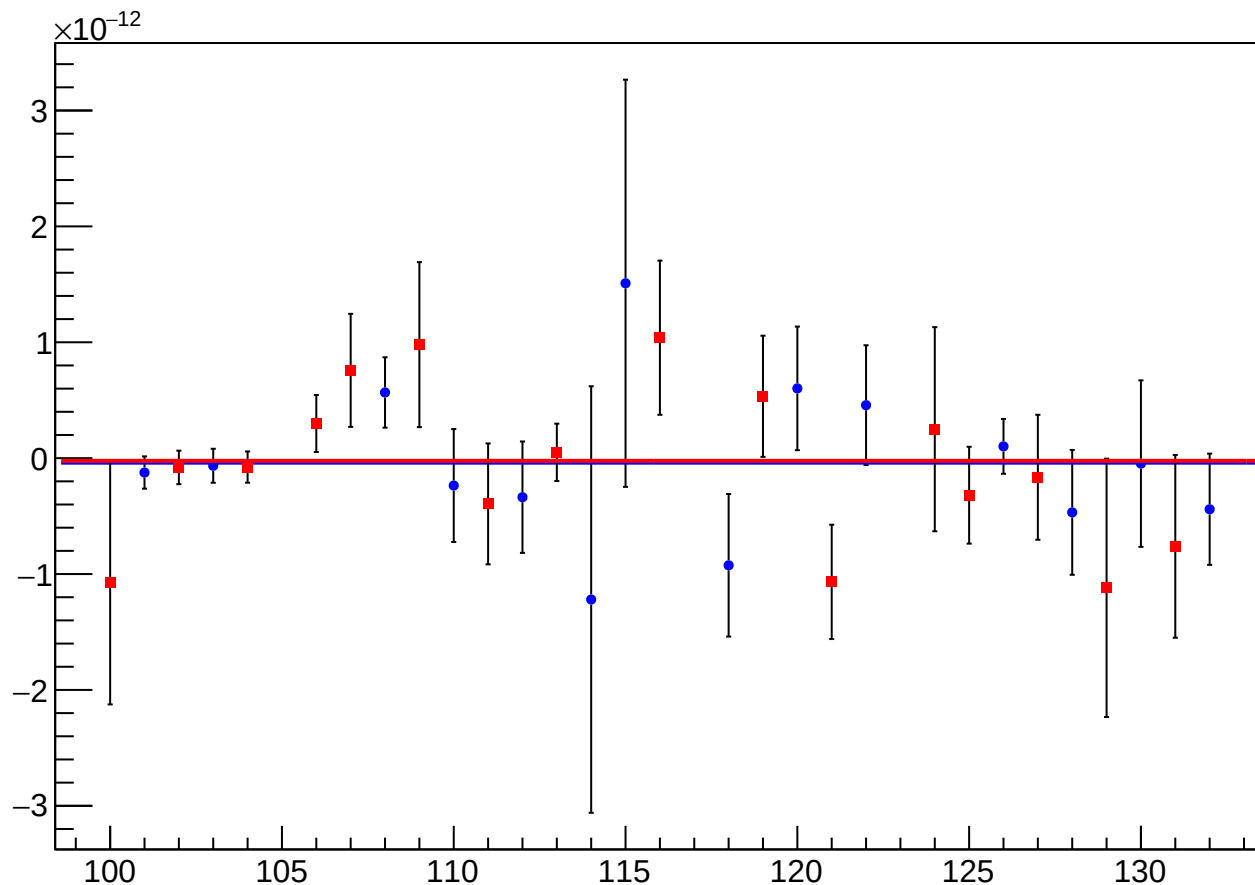
Right: 4320.005+/-0.908 χ^2/NDF : 1422177.9/29

In: 4509.291+/-1.350 χ^2/NDF : 731722.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4320.005+/-0.908 χ^2/NDF : 1422177.9/29

asym_atr_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

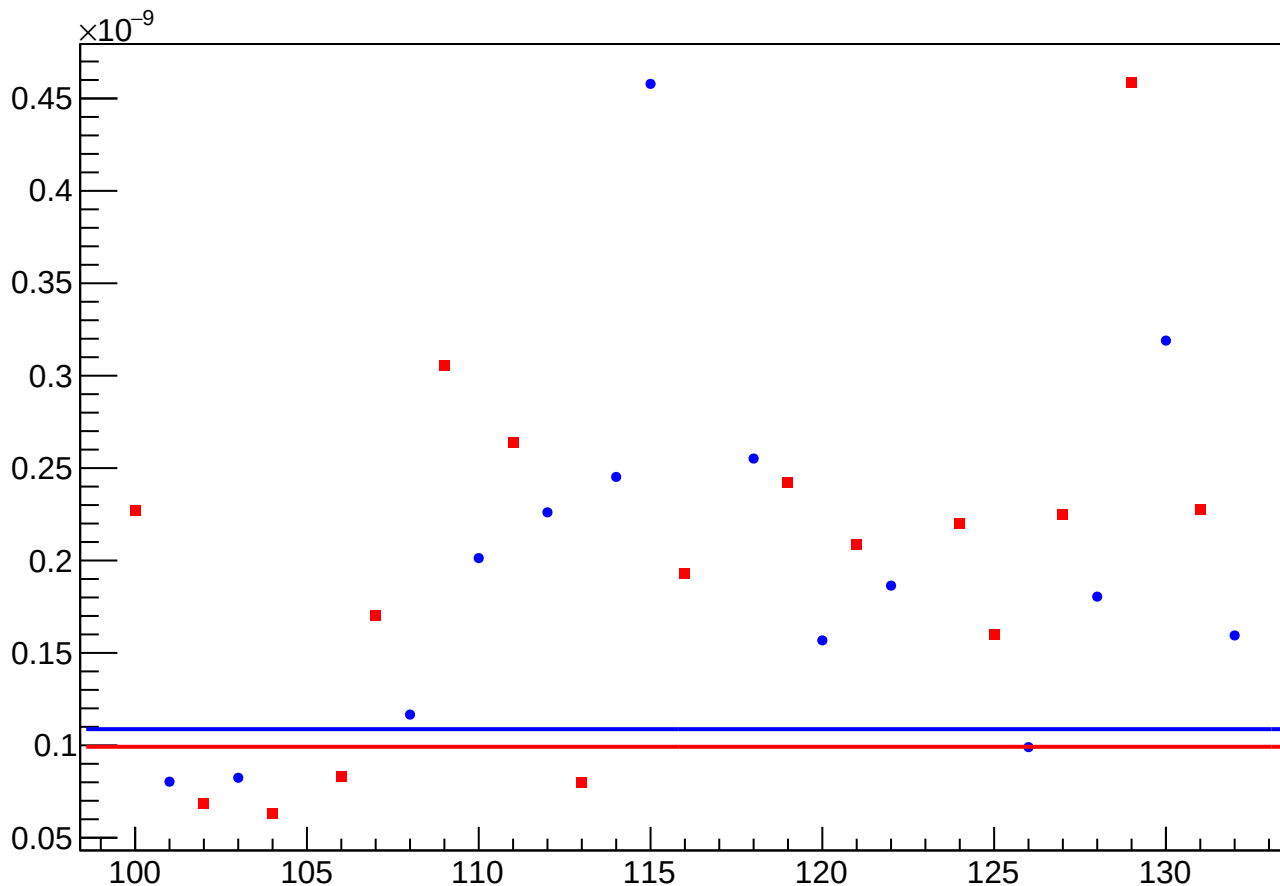
Right: -0.000+/-0.000 χ^2/NDF : 31.1/29

In: -0.000+/-0.000 χ^2/NDF : 12.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.1/29

asym_atr_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 837213.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1432320.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

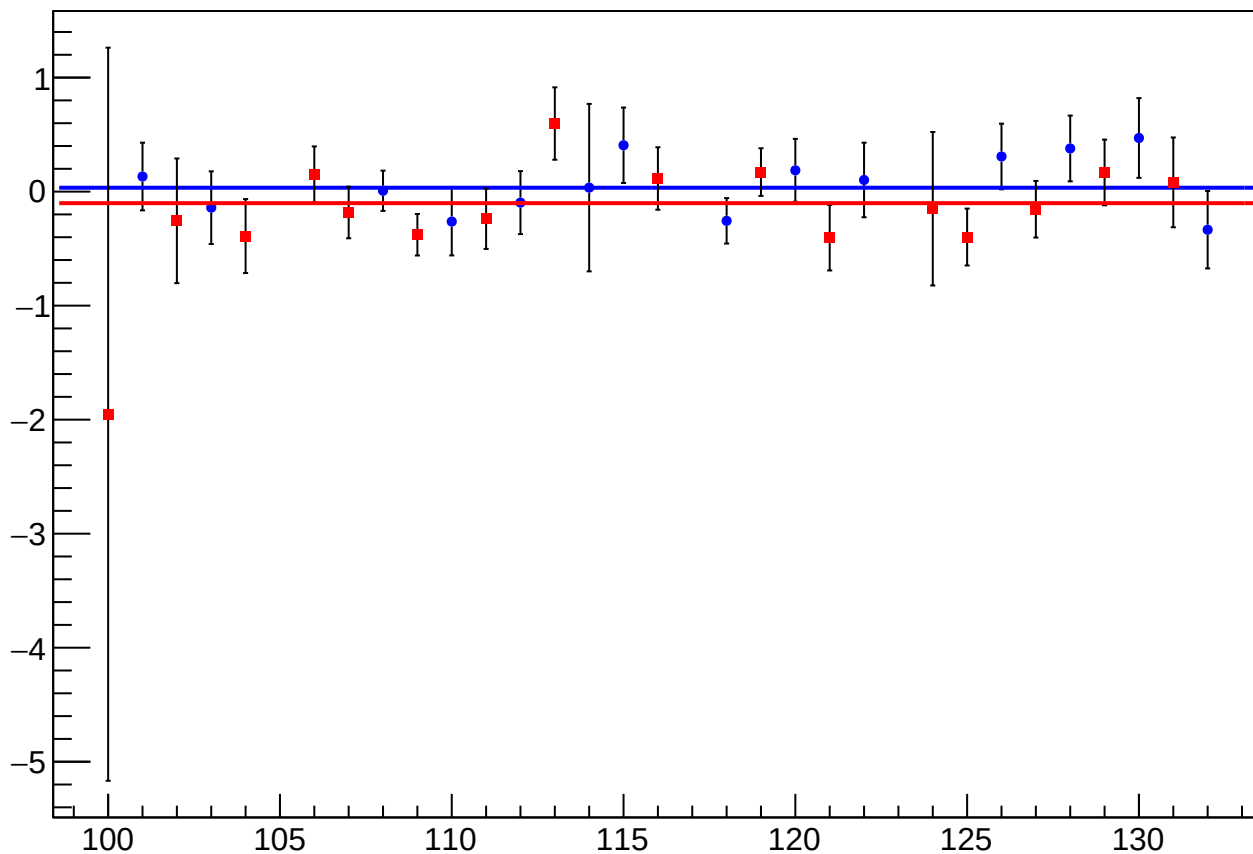
Right: 0.000+/-0.000 χ^2/NDF : 2284263.3/29

In: 0.000+/-0.000 χ^2/NDF : 837213.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2284263.3/29

asym_atr_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.034+/-0.075 χ^2/NDF : 10.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.101+/-0.070 χ^2/NDF : 15.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

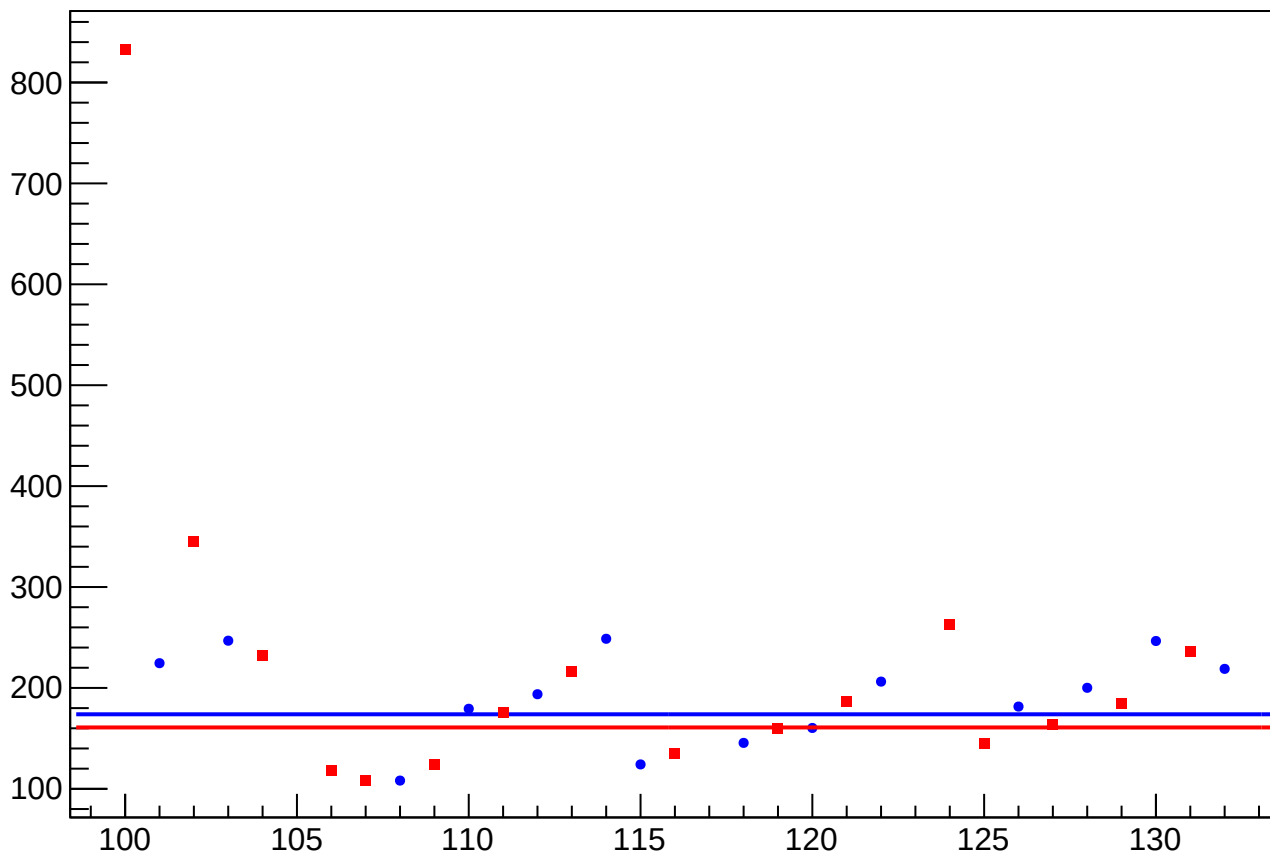
Right: -0.038+/-0.051 χ^2/NDF : 28.0/29

In: 0.034+/-0.075 χ^2/NDF : 10.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.038+/-0.051 χ^2/NDF : 28.0/29

asym_atr_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 173.880 $\pm$ 0.053 χ^2 /NDF: 720826.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 160.847 $\pm$ 0.049 χ^2 /NDF: 903202.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

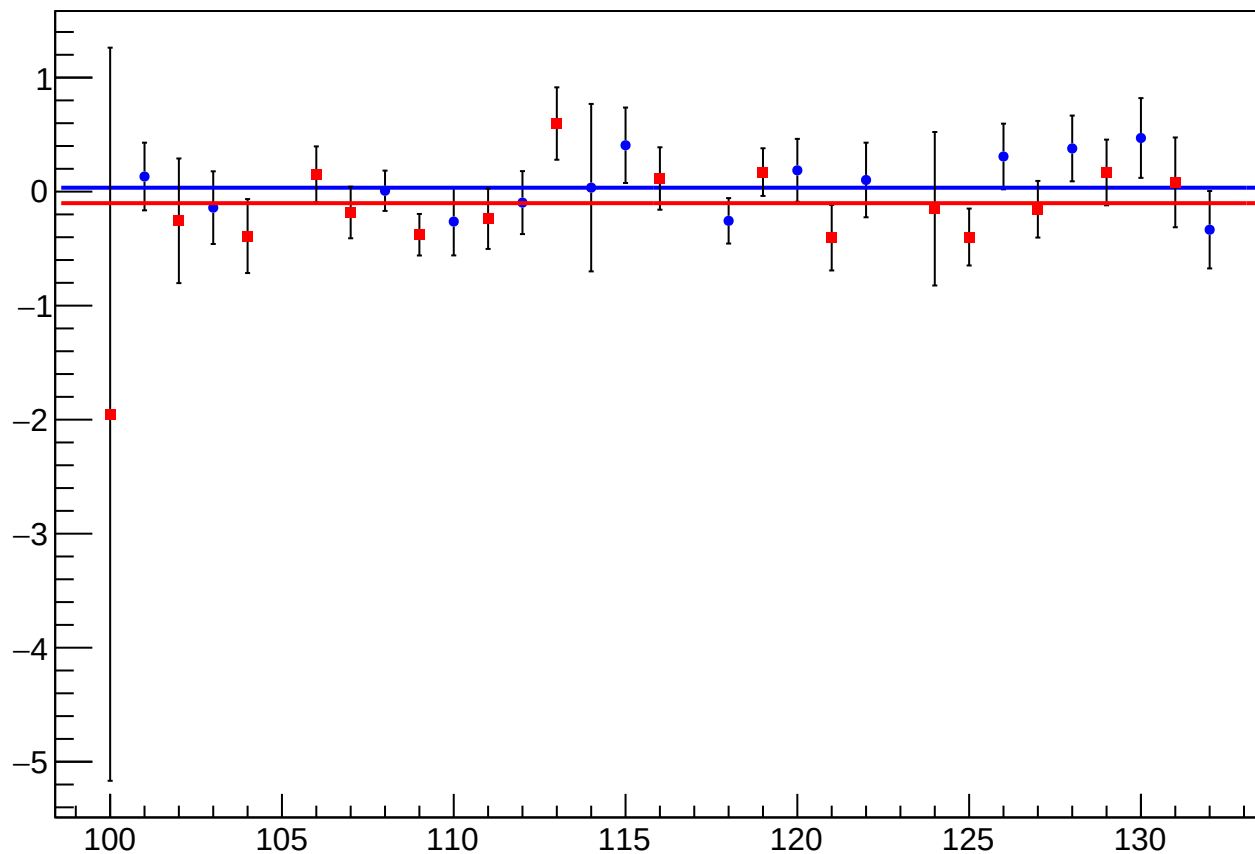
Right: 166.892 $\pm$ 0.036 χ^2 /NDF: 1656332.3/29

In: 173.880 $\pm$ 0.053 χ^2 /NDF:720826.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 166.892 $\pm$ 0.036 χ^2 /NDF: 1656332.3/29

asym_atr_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.034+/-0.075 χ^2/NDF : 10.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.101+/-0.070 χ^2/NDF : 15.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

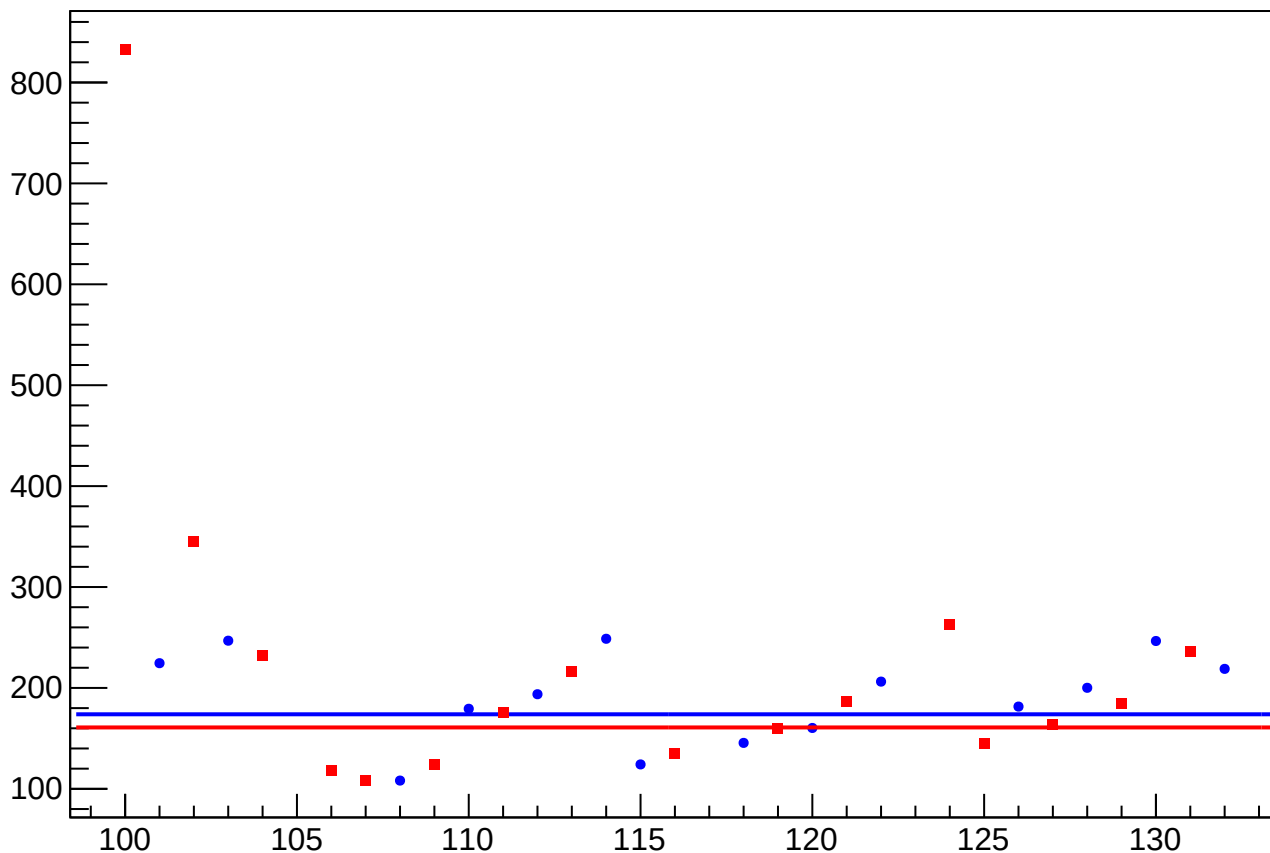
Right: -0.038+/-0.051 χ^2/NDF : 28.0/29

In: 0.034+/-0.075 χ^2/NDF : 10.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.038+/-0.051 χ^2/NDF : 28.0/29

asym_atr_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 173.880 $\pm$ 0.053 χ^2 /NDF: 720826.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 160.847 $\pm$ 0.049 χ^2 /NDF: 903202.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

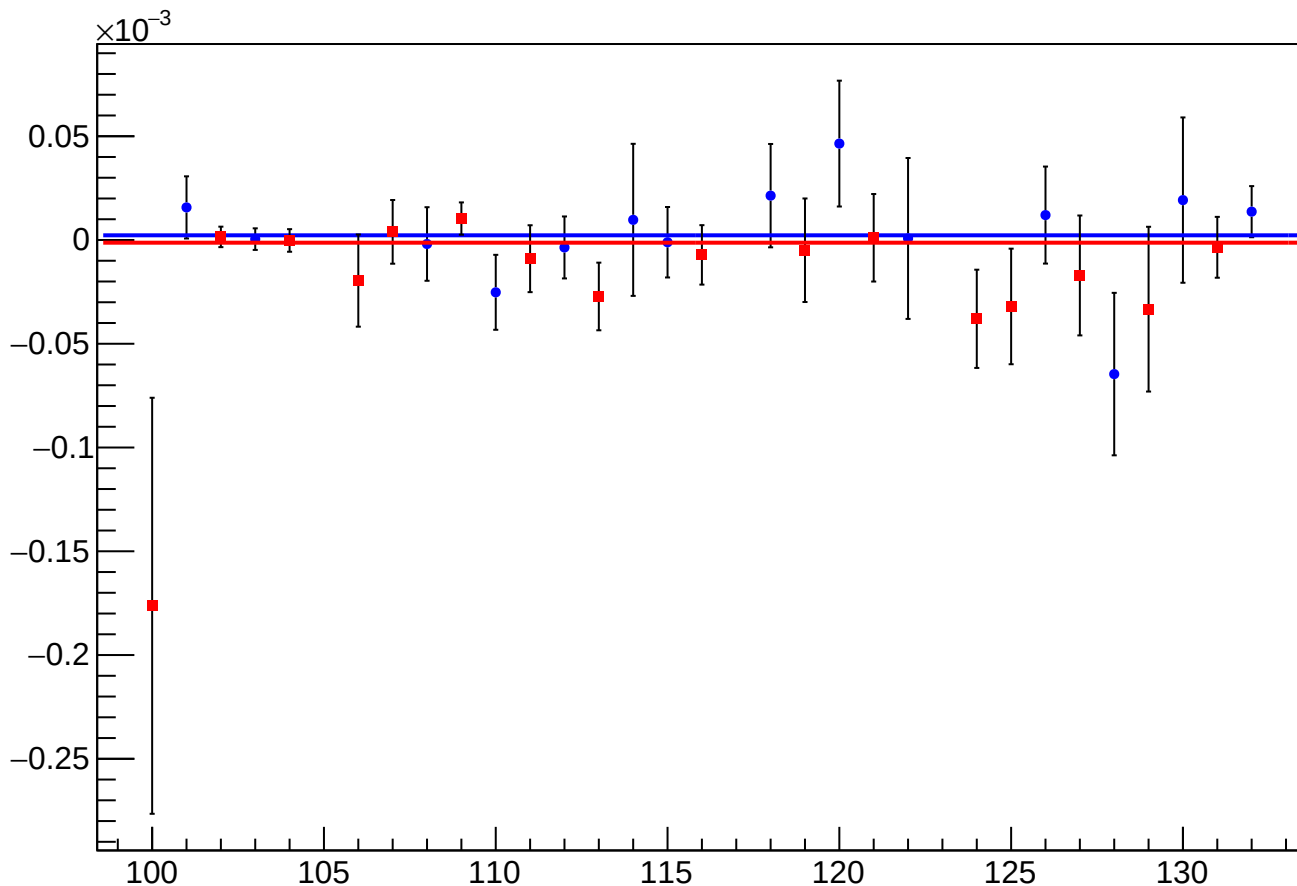
Right: 166.892 $\pm$ 0.036 χ^2 /NDF: 1656332.3/29

In: 173.880 $\pm$ 0.053 χ^2 /NDF:720826.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 166.892 $\pm$ 0.036 χ^2 /NDF: 1656332.3/29

asym_atr_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

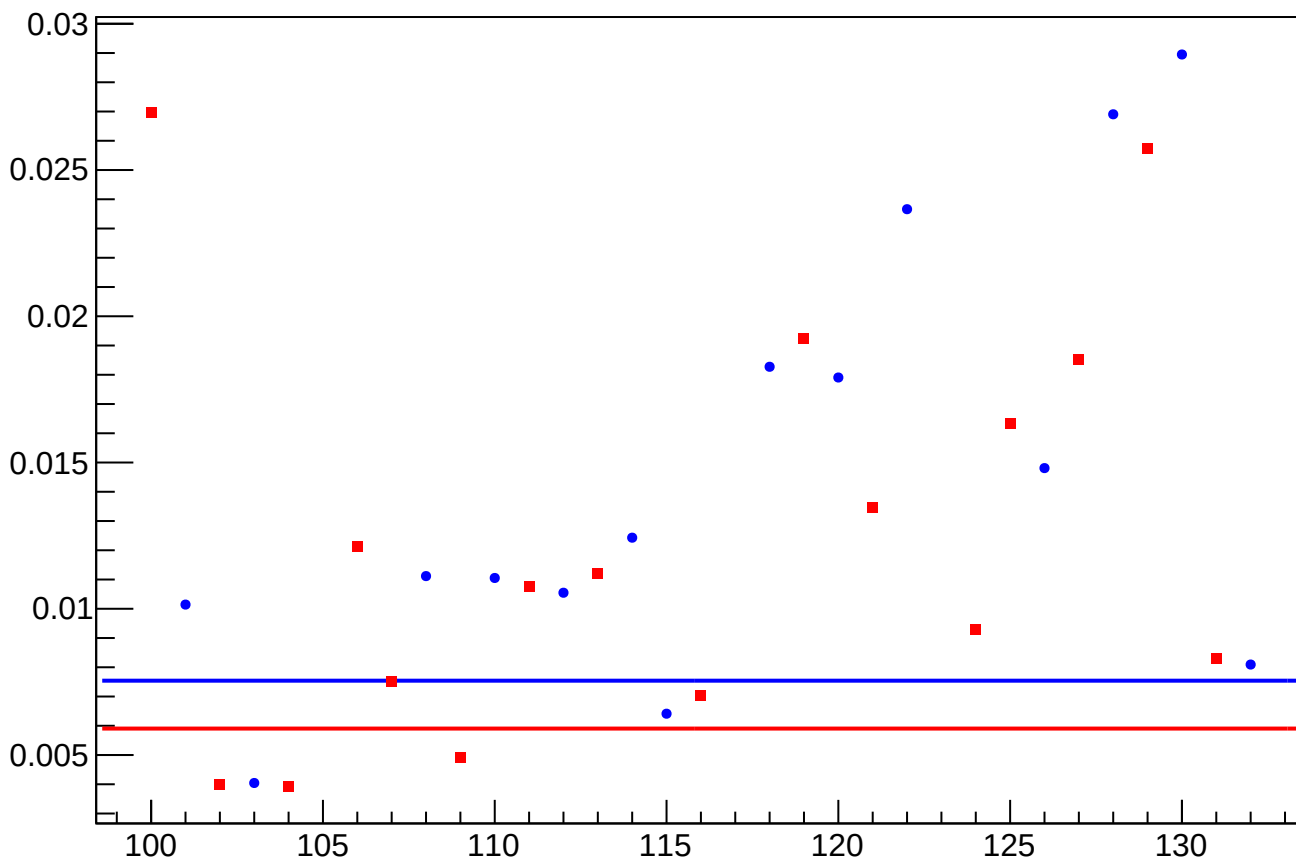
Right: -0.000+/-0.000 χ^2/NDF : 24.9/29

In: 0.000+/-0.000 χ^2/NDF : 10.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.9/29

asym_atr_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 3463116.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 3362349.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

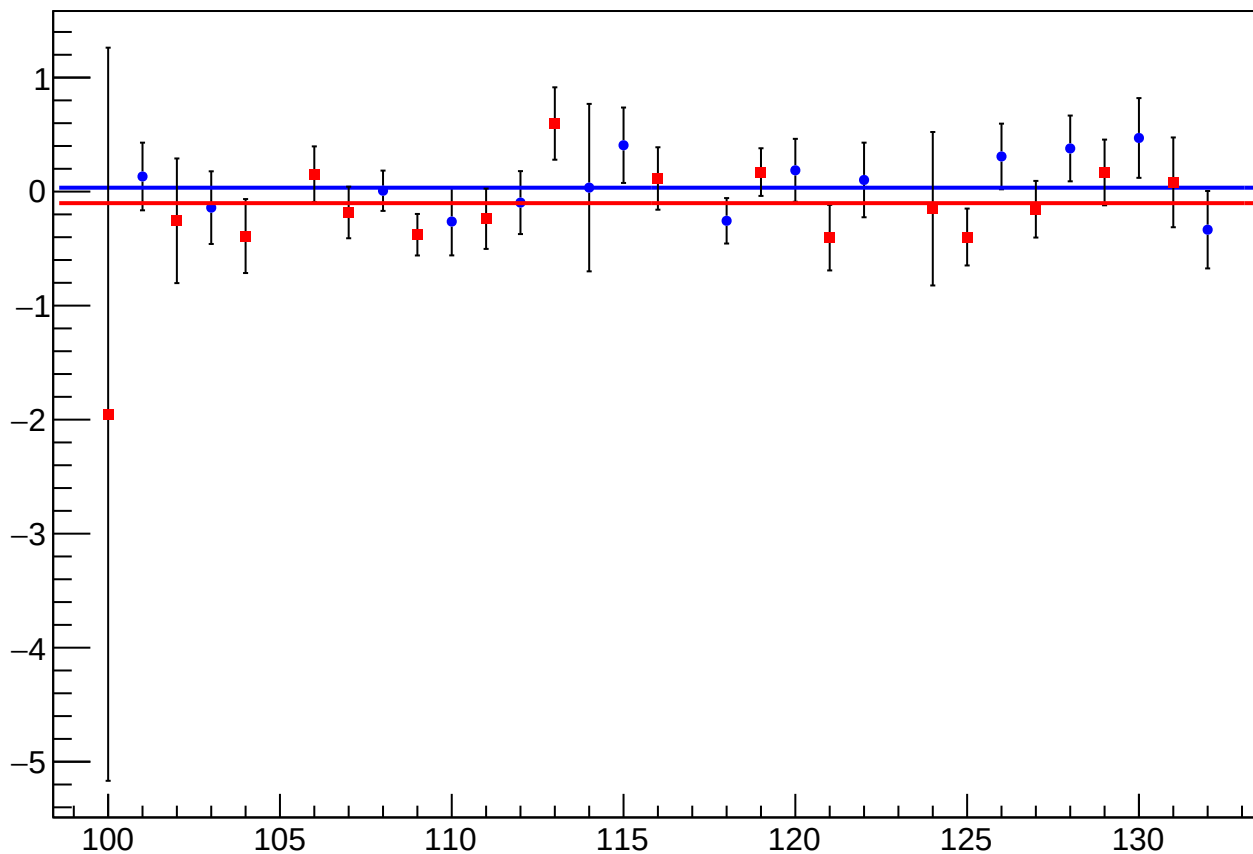
Right: 0.006+/-0.000 χ^2/NDF : 7063824.2/29

In: 0.008+/-0.000 χ^2/NDF :3463116.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 7063824.2/29

asym_atr_dd_eigen_dit_vs_Slug, Sign Corrected



Right In: 0.034+/-0.075 χ^2/NDF : 10.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.101+/-0.070 χ^2/NDF : 15.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

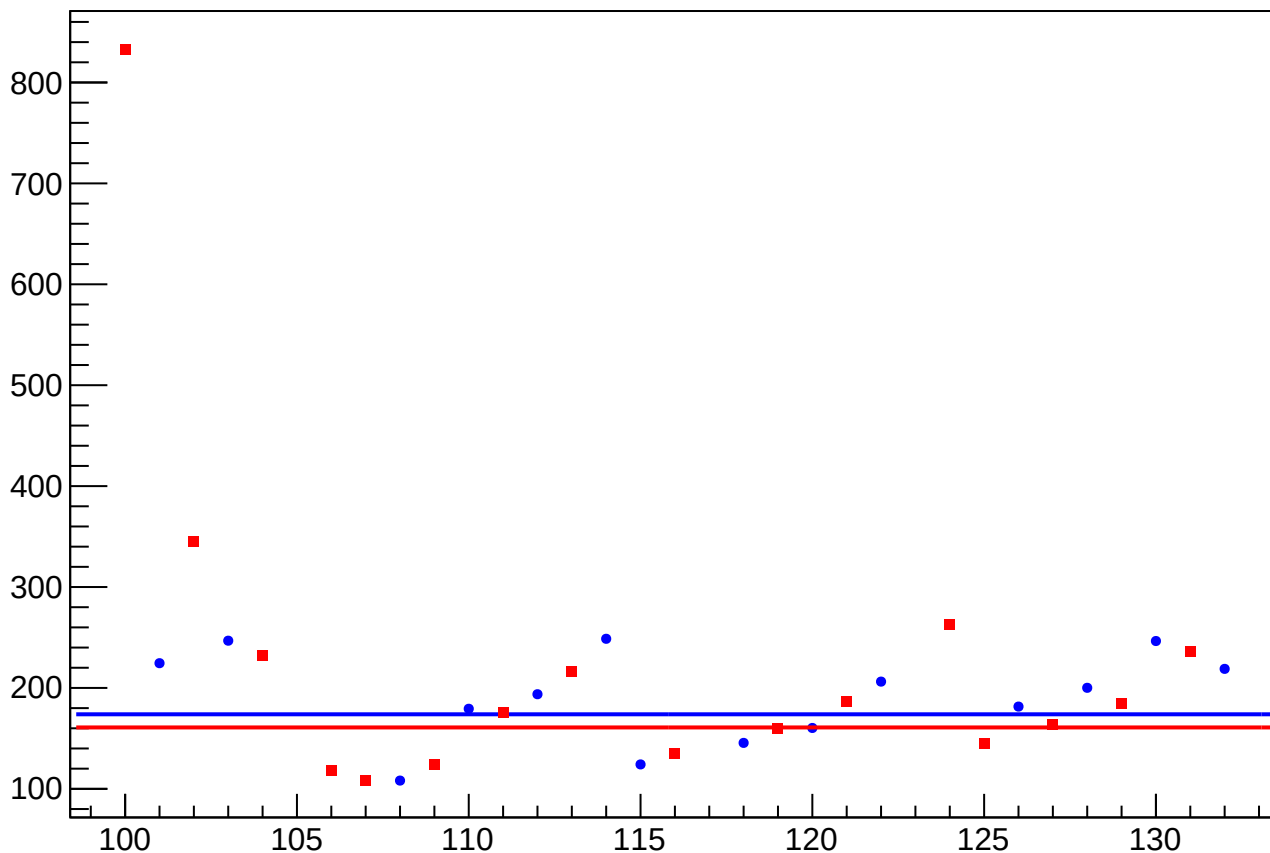
Right: -0.038+/-0.051 χ^2/NDF : 28.0/29

In: 0.034+/-0.075 χ^2/NDF : 10.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.038+/-0.051 χ^2/NDF : 28.0/29

asym_atr_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 173.877+/-0.053 χ^2/NDF : 720846.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 160.847+/-0.049 χ^2/NDF : 903186.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

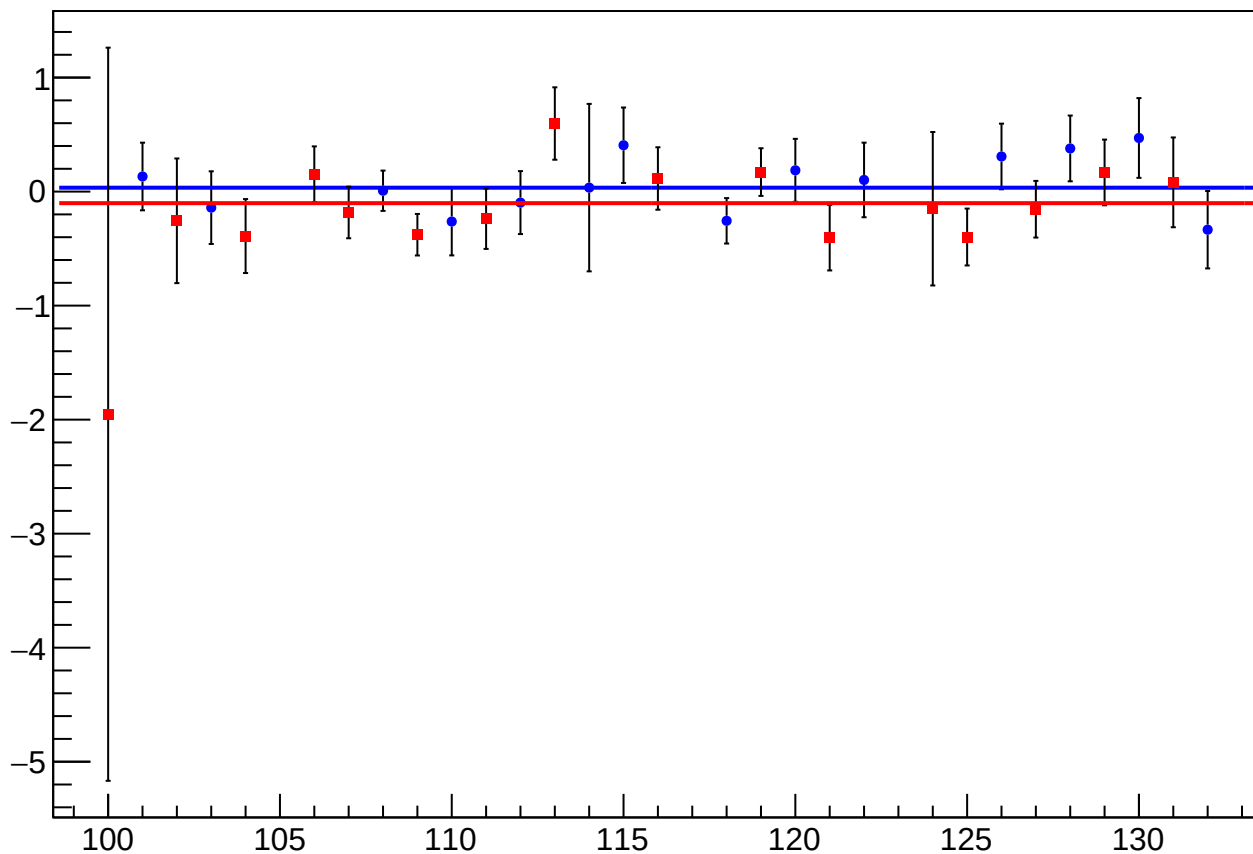
Right: 166.890+/-0.036 χ^2/NDF : 1656323.2/29

In: 173.877+/-0.053 χ^2/NDF : 720846.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.890+/-0.036 χ^2/NDF : 1656323.2/29

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.034+/-0.075 χ^2/NDF : 10.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.101+/-0.070 χ^2/NDF : 15.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

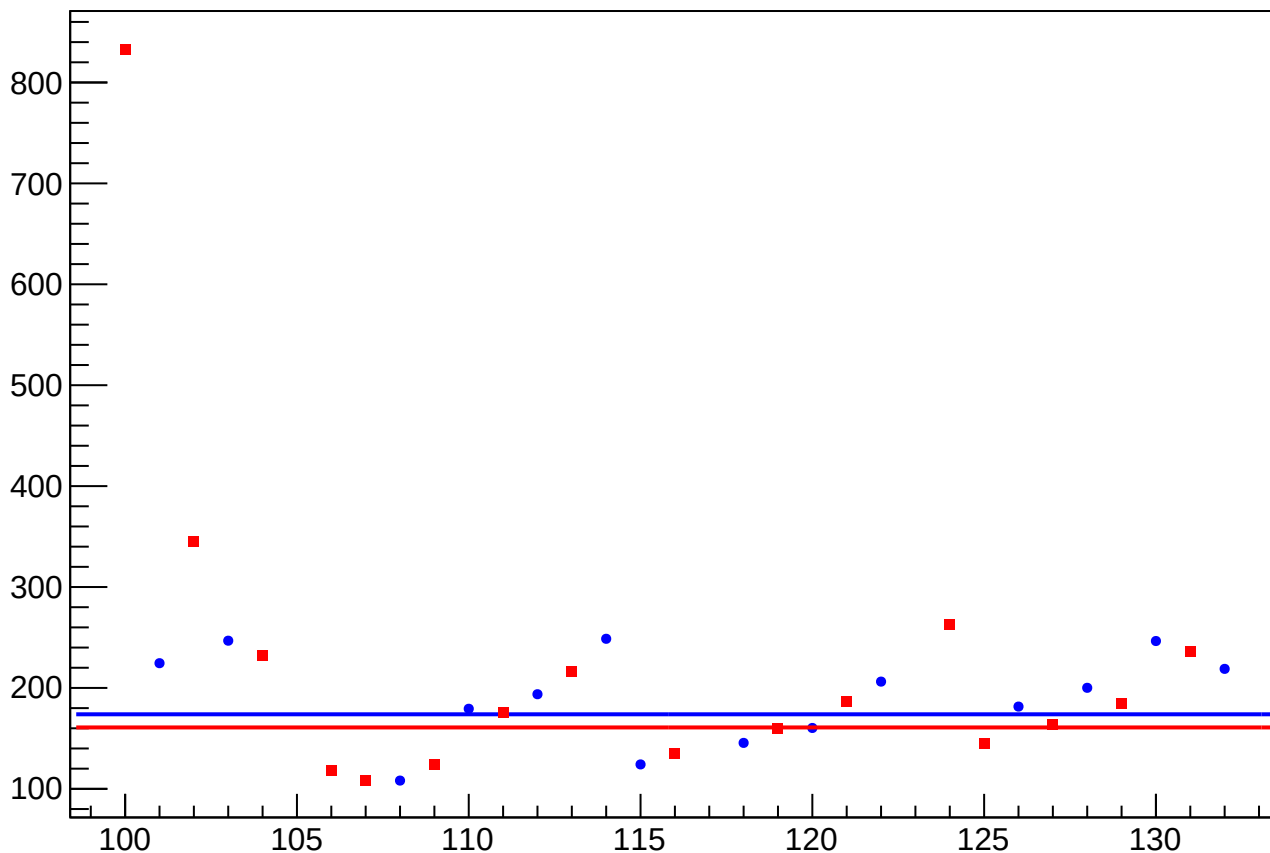
Right: -0.038+/-0.051 χ^2/NDF : 28.0/29

In: 0.034+/-0.075 χ^2/NDF : 10.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.038+/-0.051 χ^2/NDF : 28.0/29

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 173.877 $\pm$ 0.053 χ^2 /NDF: 720846.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 160.847 $\pm$ 0.049 χ^2 /NDF: 903186.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

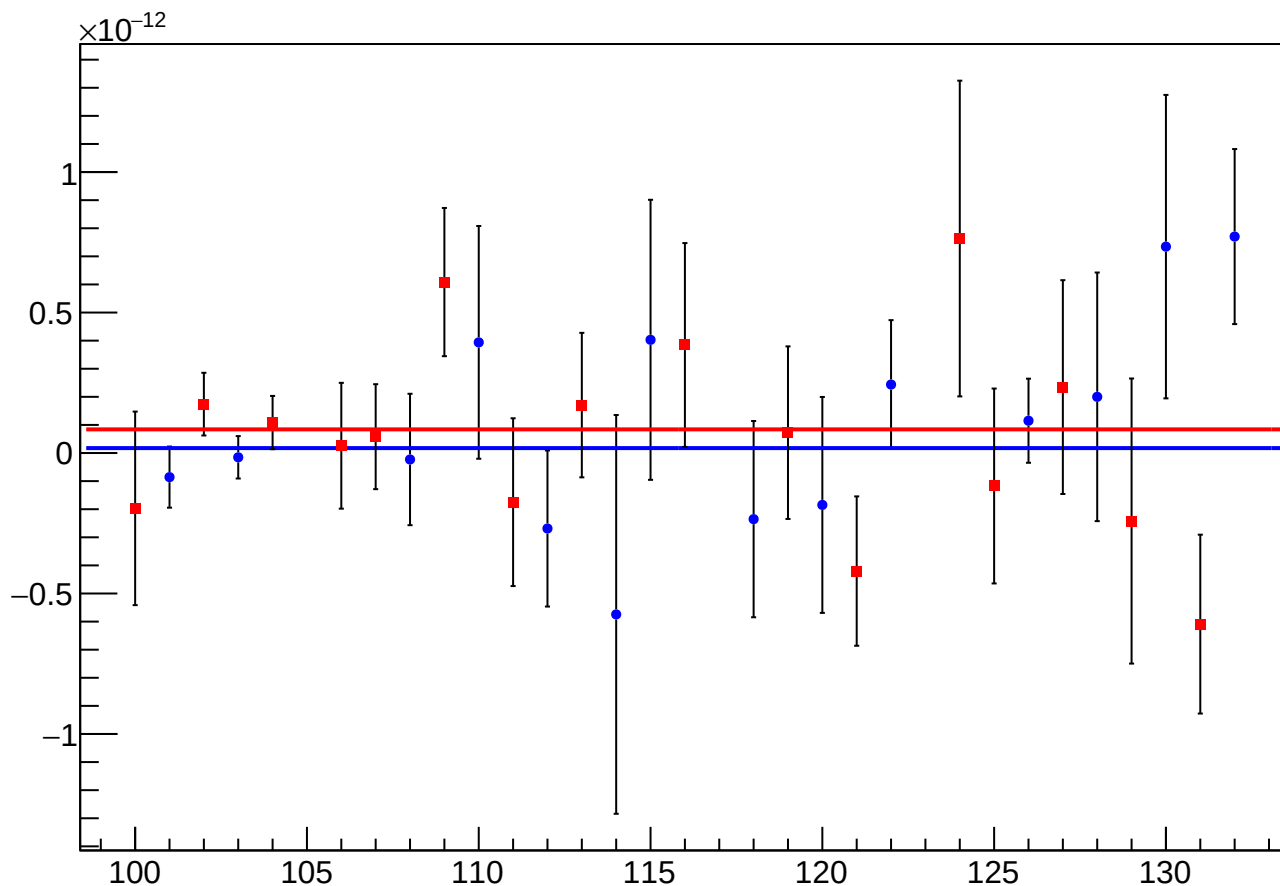
Right: 166.890 $\pm$ 0.036 χ^2 /NDF: 1656323.2/29

In: 173.877 $\pm$ 0.053 χ^2 /NDF:720846.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 166.890 $\pm$ 0.036 χ^2 /NDF: 1656323.2/29

asym_atr_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

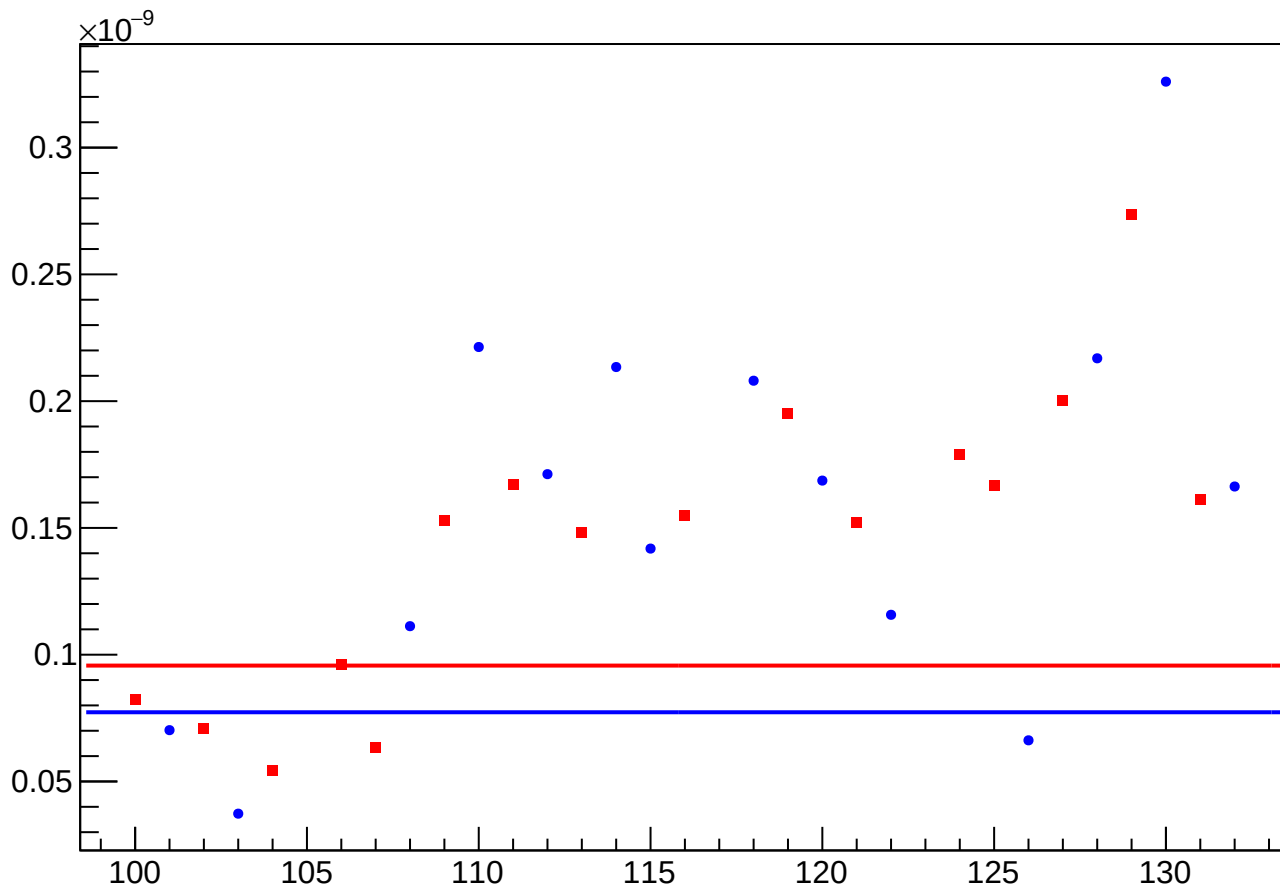
Right: 0.000+/-0.000 χ^2/NDF : 32.8/29

In: 0.000+/-0.000 χ^2/NDF : 14.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 32.8/29

asym_atr_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2437289.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1799359.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

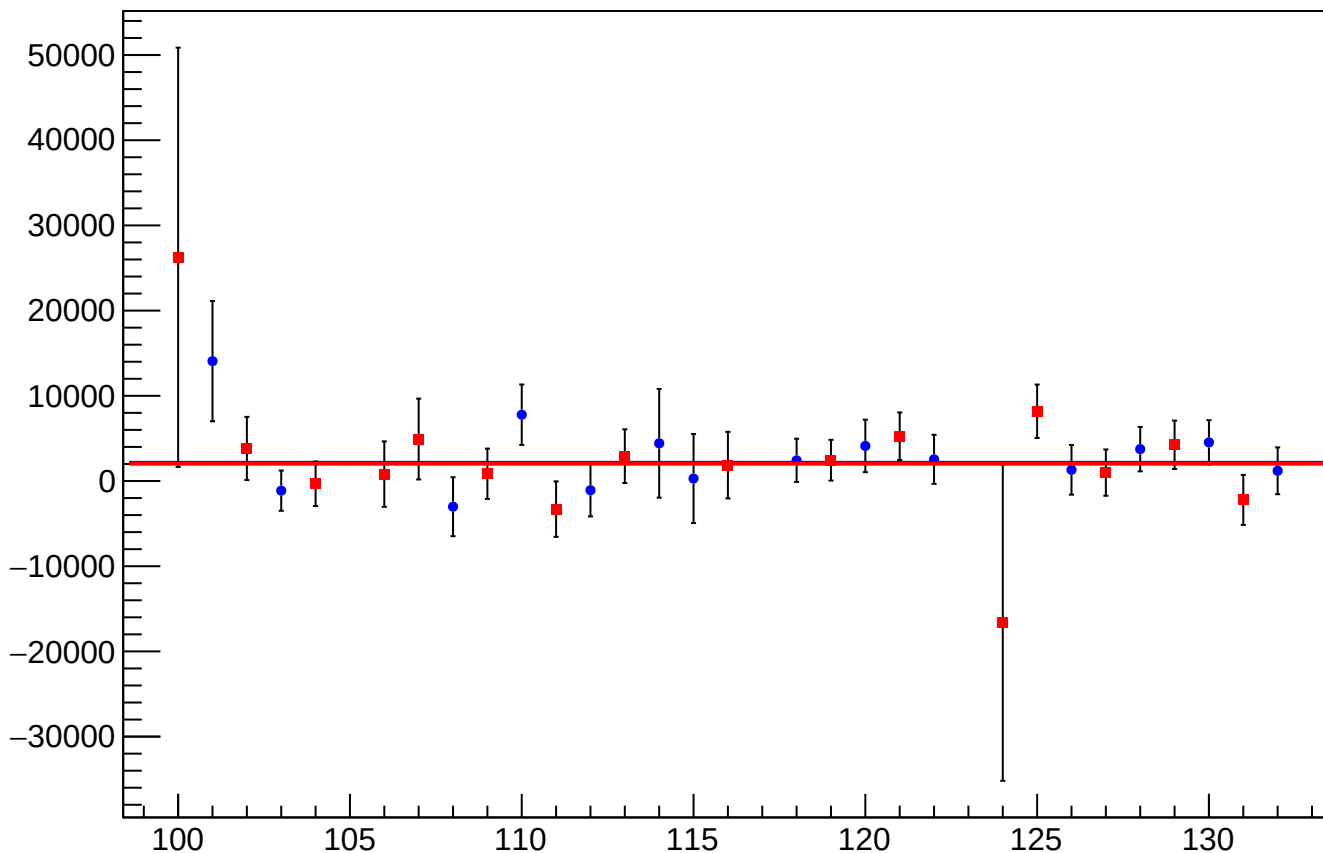
Right: 0.000+/-0.000 χ^2/NDF : 4364012.4/29

In: 0.000+/-0.000 χ^2/NDF : 2437289.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4364012.4/29

reg_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2131.058+/-828.989 χ^2/NDF : 12.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2037.385+/-818.742 χ^2/NDF : 14.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

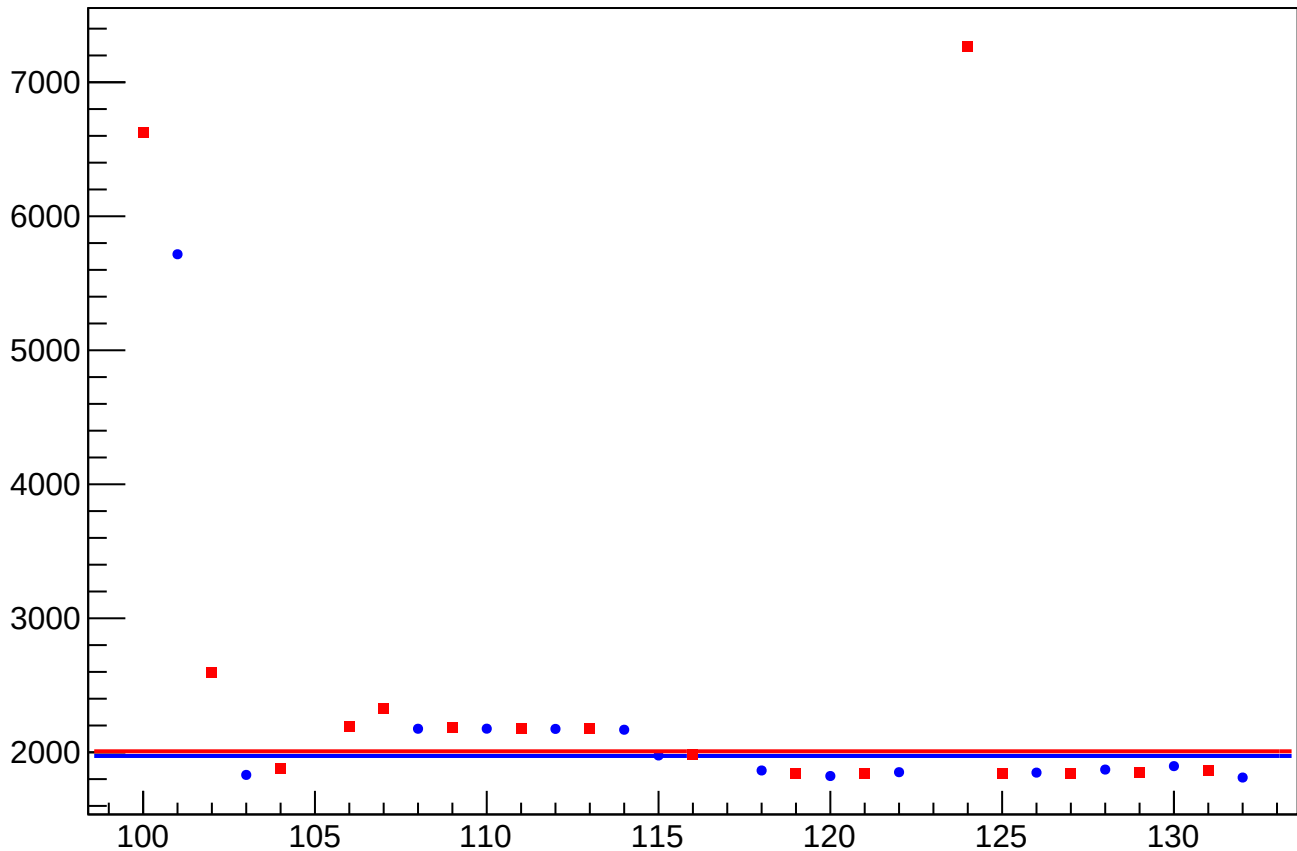
Right: 2083.639+/-582.527 χ^2/NDF : 27.2/29

In: 2131.058+/-828.989 χ^2/NDF : 12.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2083.639+/-582.527 χ^2/NDF : 27.2/29

reg_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1972.726+/-0.586 χ^2/NDF : 620758.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2007.489+/-0.579 χ^2/NDF : 358403.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

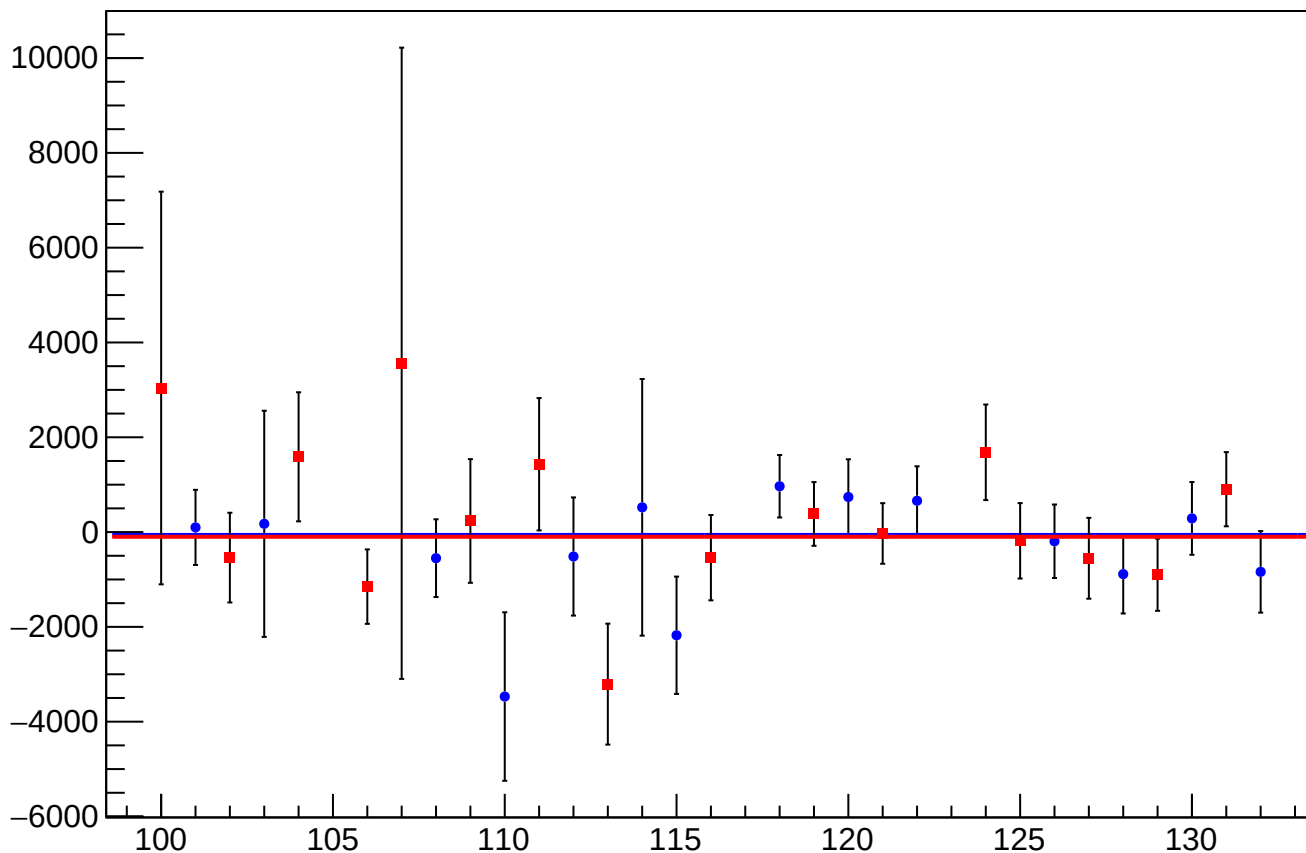
Right: 1990.324+/-0.412 χ^2/NDF : 980941.8/29

In: 1972.726+/-0.586 χ^2/NDF : 620758.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1990.324+/-0.412 χ^2/NDF : 980941.8/29

asym_at1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -60.104 ± 242.985 $\chi^2/\text{NDF}: 13.7/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -99.282 ± 233.998 $\chi^2/\text{NDF}: 18.6/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

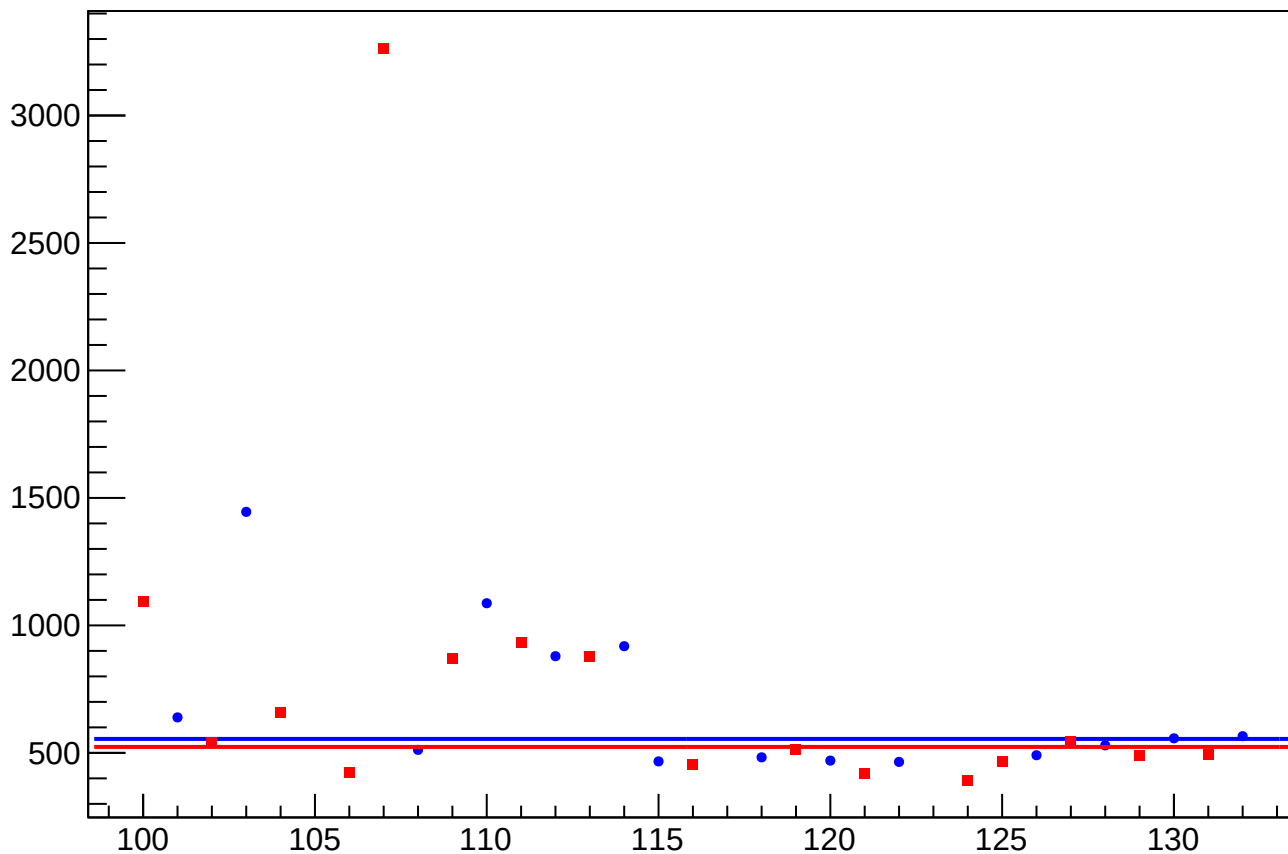
Right: -80.431 ± 168.549 $\chi^2/\text{NDF}: 32.2/29$

In: -60.104 ± 242.985 $\chi^2/\text{NDF}: 13.7/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -80.431 ± 168.549 $\chi^2/\text{NDF}: 32.2/29$

asym_at1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 554.767+/-0.172 χ^2/NDF : 761457.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 523.349+/-0.165 χ^2/NDF : 1014917.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

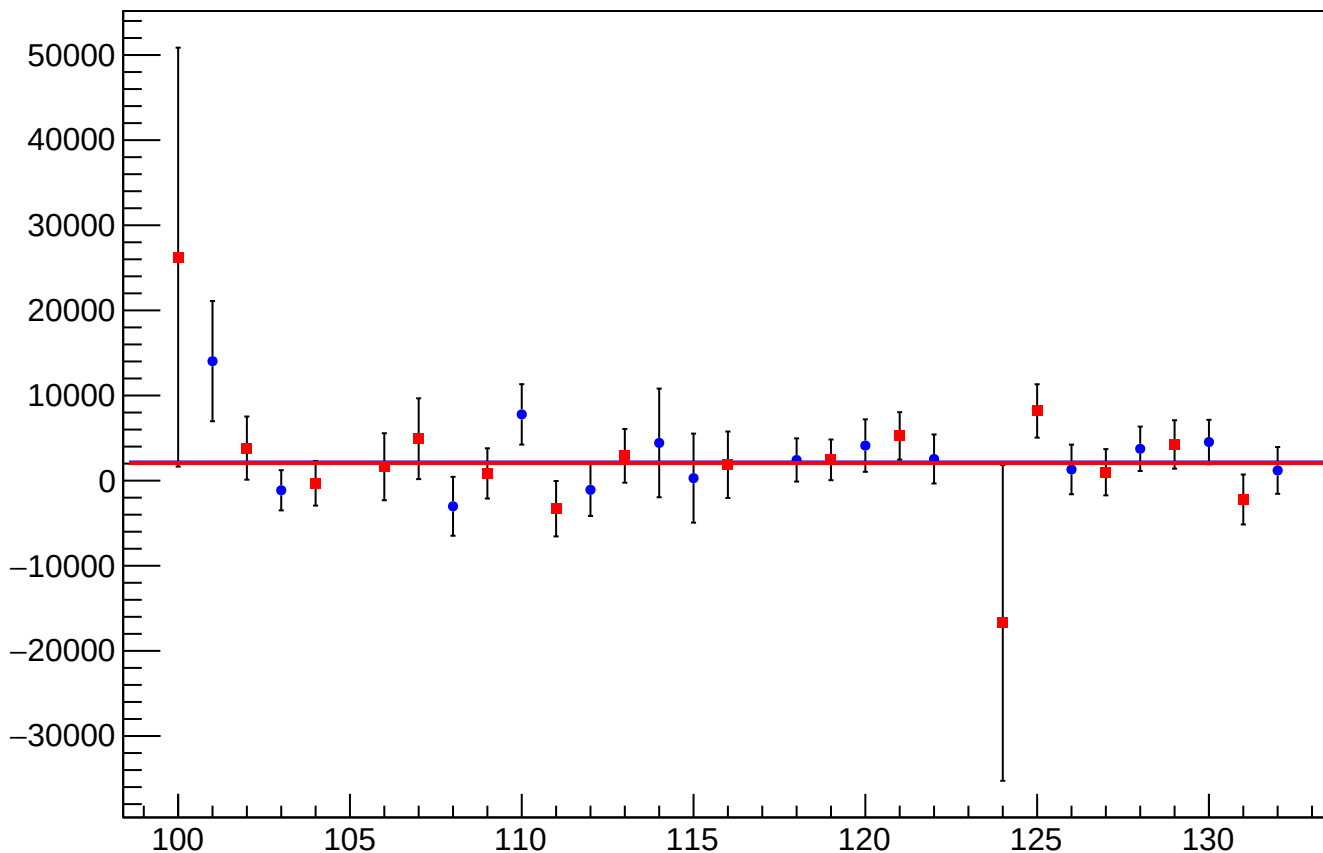
Right: 538.466+/-0.119 χ^2/NDF : 1793723.9/29

In: 554.767+/-0.172 χ^2/NDF :761457.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 538.466+/-0.119 χ^2/NDF : 1793723.9/29

cor_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2130.627+/-828.990 χ^2/NDF : 12.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2076.017+/-819.632 χ^2/NDF : 14.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

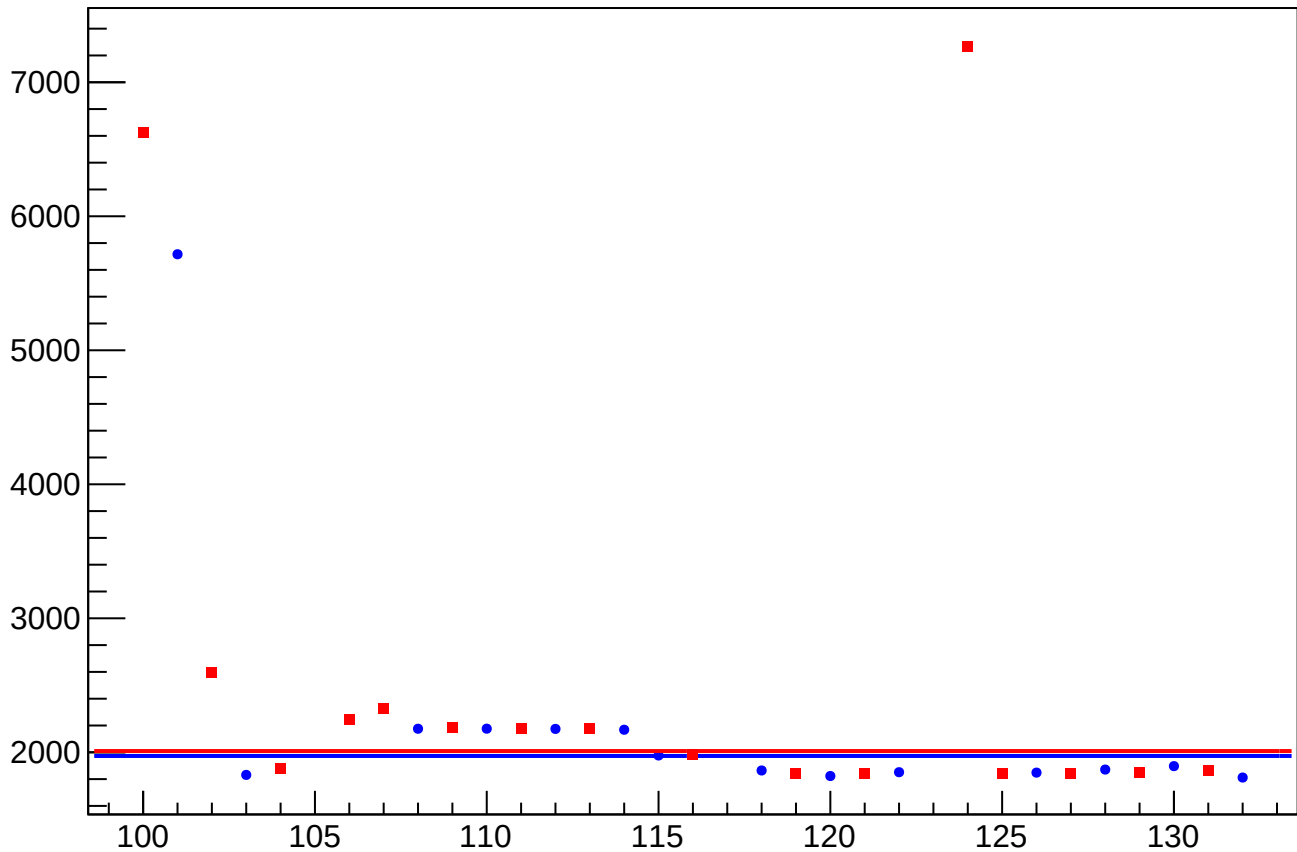
Right: 2103.012+/-582.848 χ^2/NDF : 27.1/29

In: 2130.627+/-828.990 χ^2/NDF : 12.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2103.012+/-582.848 χ^2/NDF : 27.1/29

cor_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1972.725+/-0.586 χ^2/NDF : 620758.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2009.288+/-0.580 χ^2/NDF : 360930.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

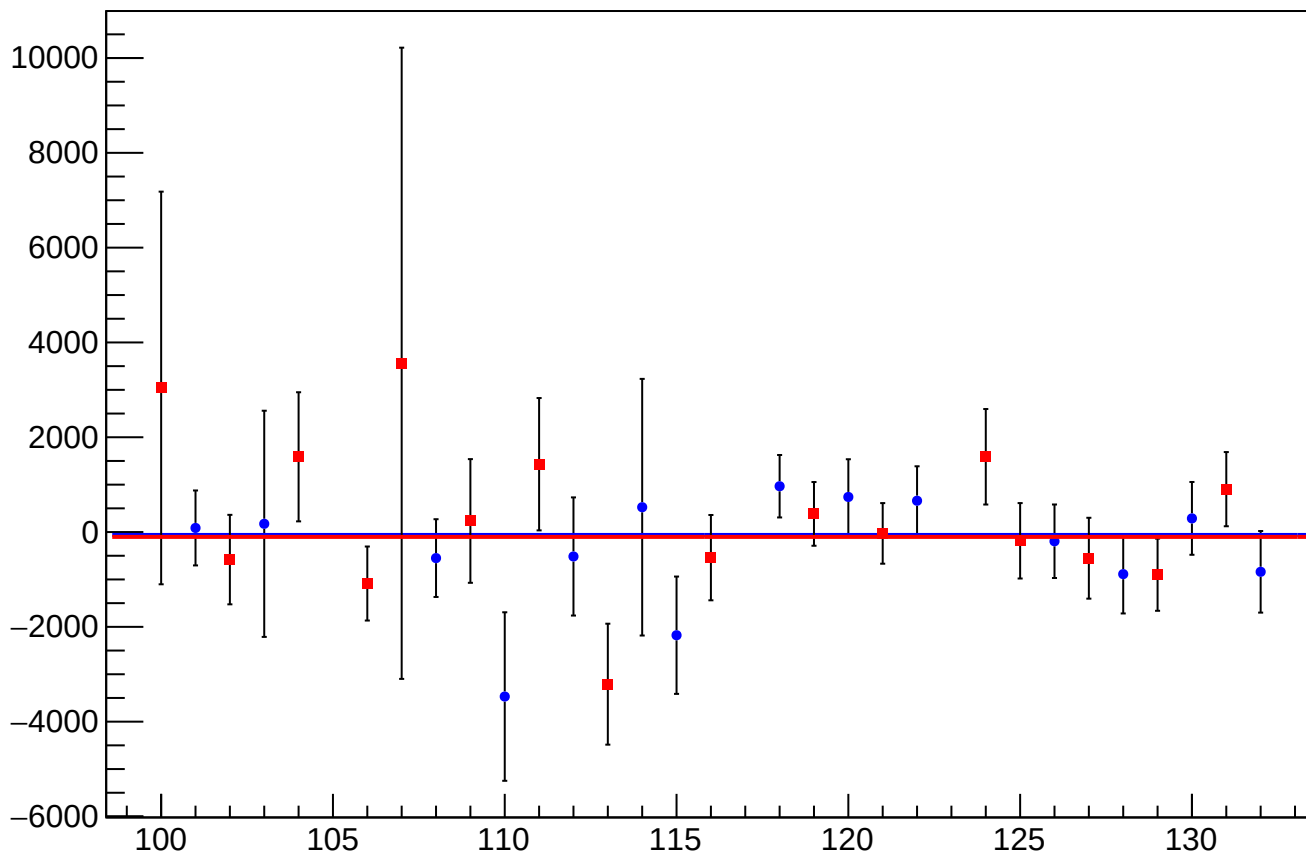
Right: 1991.214+/-0.412 χ^2/NDF : 983655.8/29

In: 1972.725+/-0.586 χ^2/NDF : 620758.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1991.214+/-0.412 χ^2/NDF : 983655.8/29

asym_at1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -61.083 ± 242.928 χ^2/NDF : 13.7/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -102.202 ± 233.838 χ^2/NDF : 18.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

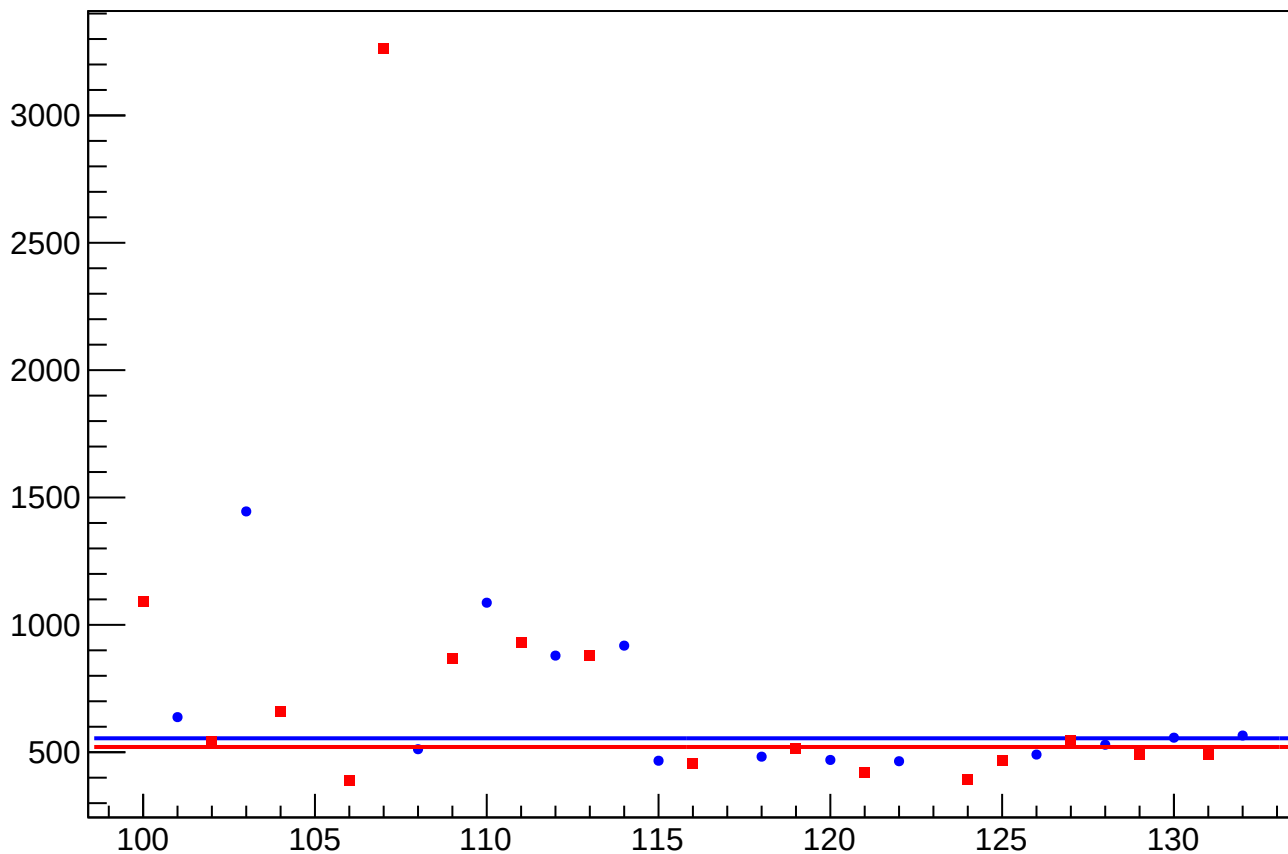
Right: -82.426 ± 168.470 χ^2/NDF : 31.8/29

In: -61.083 ± 242.928 χ^2/NDF : 13.7/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -82.426 ± 168.470 χ^2/NDF : 31.8/29

asym_at1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 554.678+/-0.172 χ^2/NDF : 760799.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 520.501+/-0.165 χ^2/NDF : 1041673.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

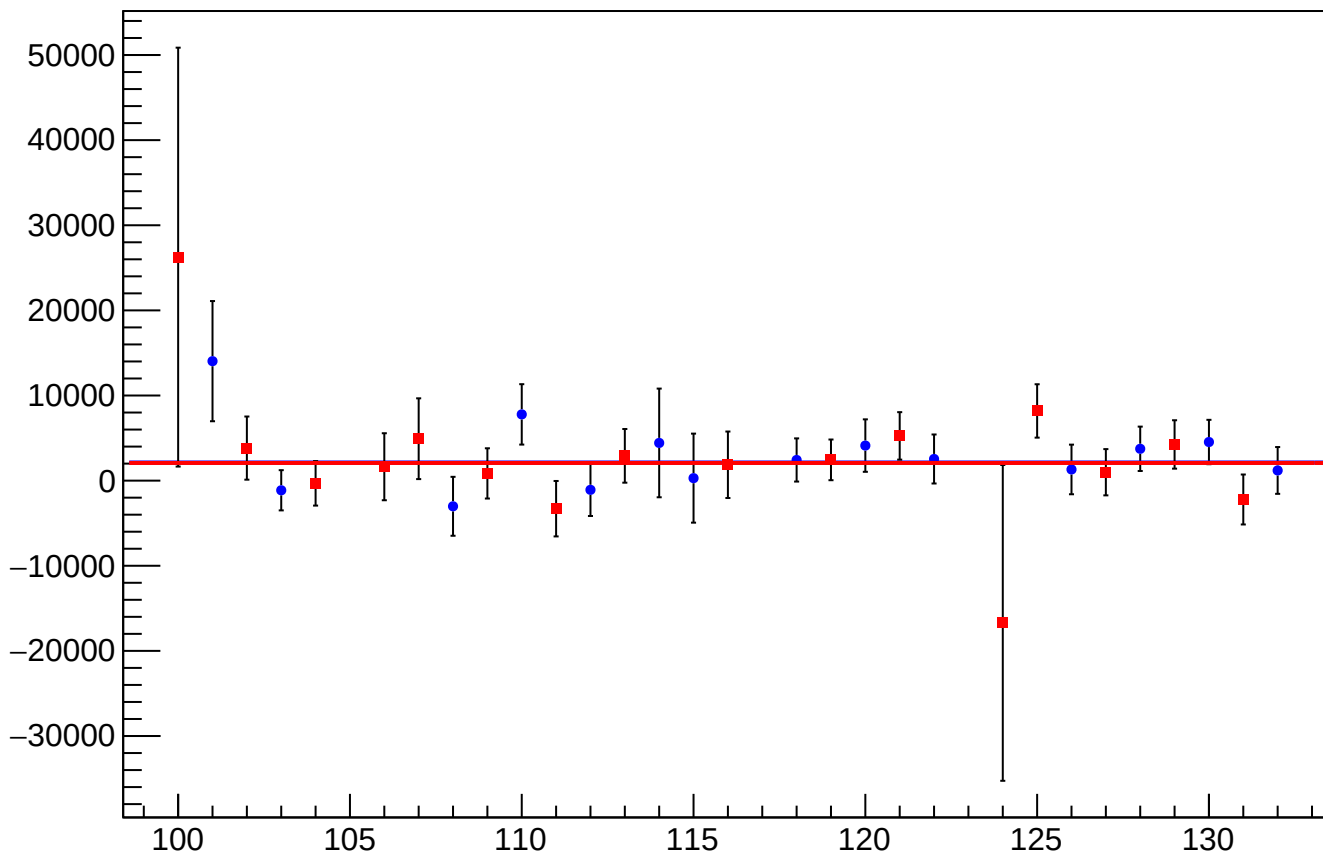
Right: 536.938+/-0.119 χ^2/NDF : 1823020.4/29

In: 554.678+/-0.172 χ^2/NDF : 760799.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 536.938+/-0.119 χ^2/NDF : 1823020.4/29

eigen_cor_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2130.627+/-828.990 χ^2/NDF : 12.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2076.017+/-819.632 χ^2/NDF : 14.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

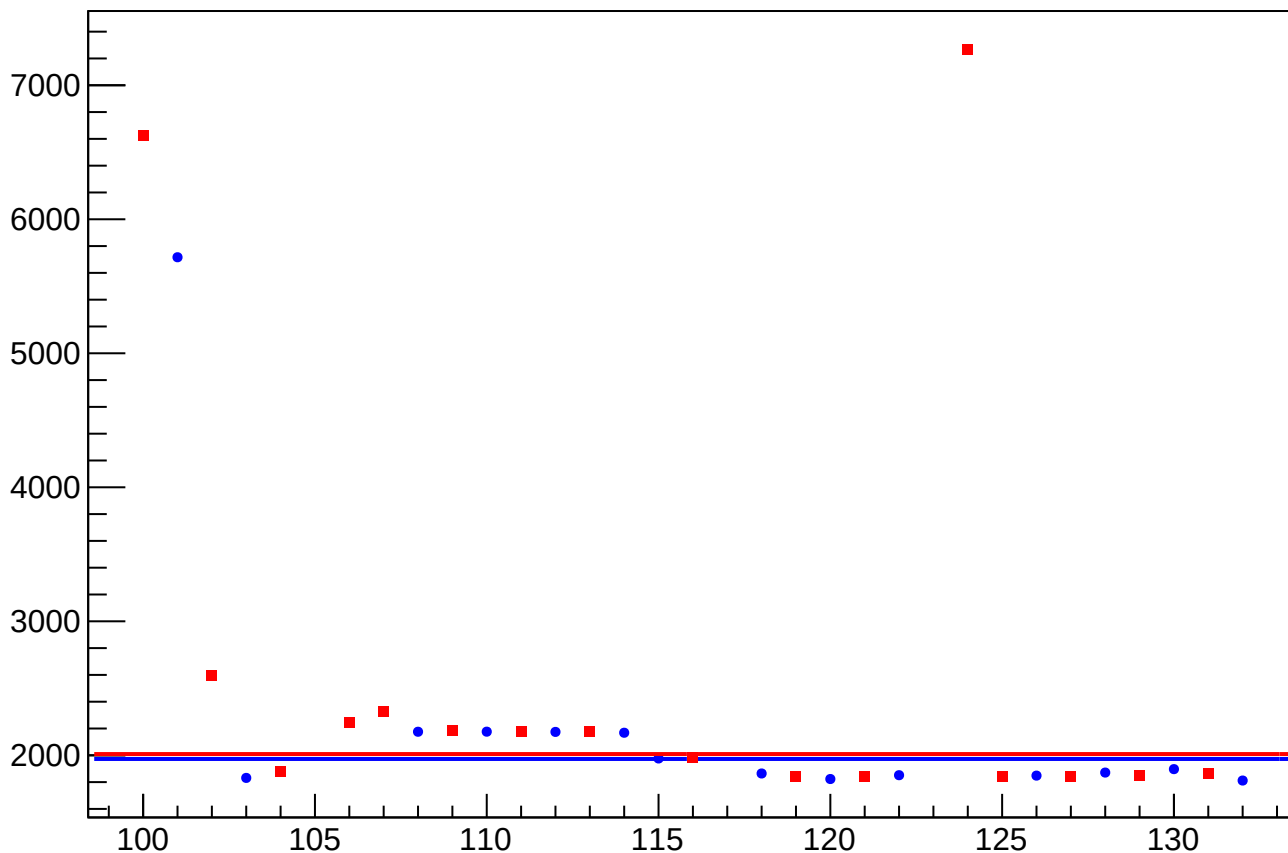
Right: 2103.012+/-582.848 χ^2/NDF : 27.1/29

In: 2130.627+/-828.990 χ^2/NDF : 12.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2103.012+/-582.848 χ^2/NDF : 27.1/29

eigen_cor_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1972.725+/-0.586 χ^2/NDF : 620758.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2009.288+/-0.580 χ^2/NDF : 360930.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

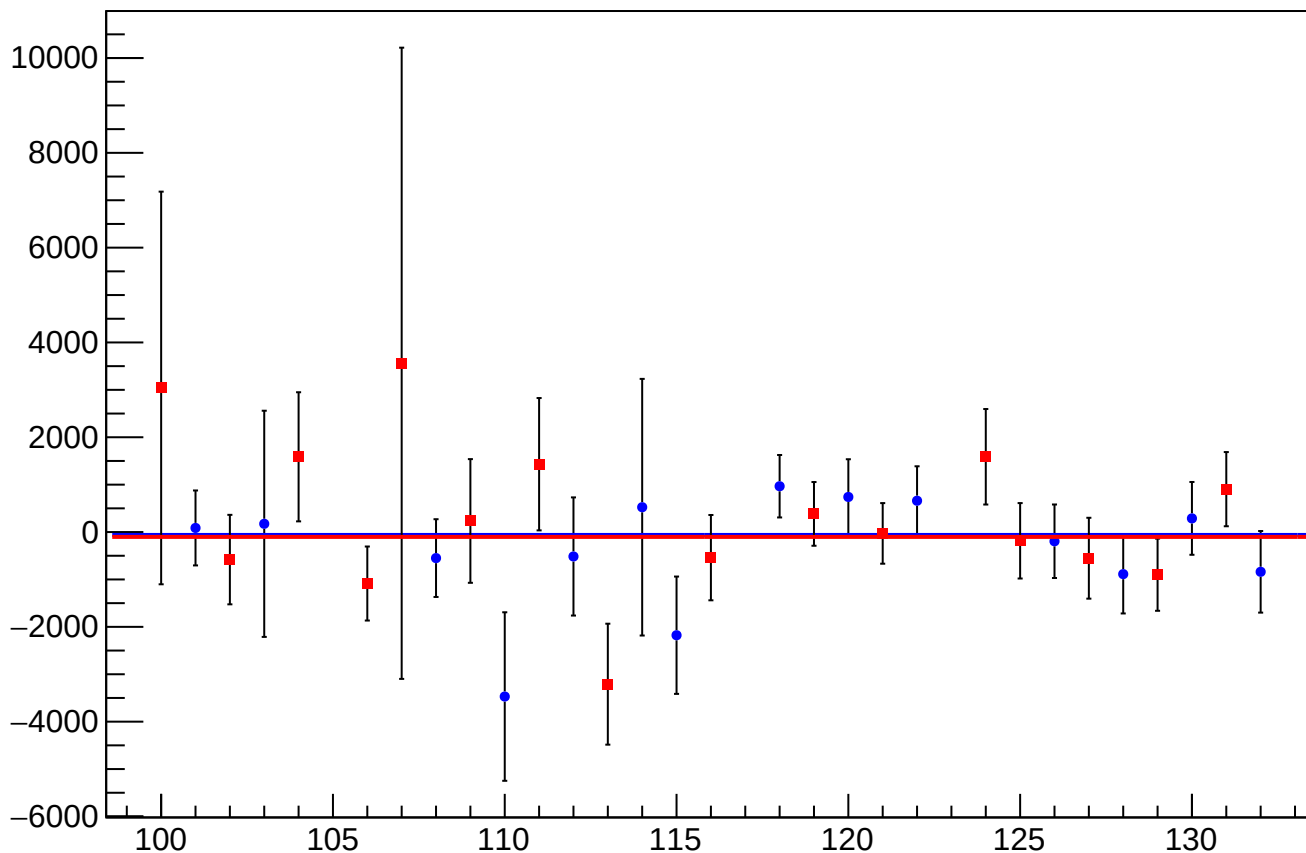
Right: 1991.214+/-0.412 χ^2/NDF : 983655.8/29

In: 1972.725+/-0.586 χ^2/NDF : 620758.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1991.214+/-0.412 χ^2/NDF : 983655.8/29

asym_at1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -61.083+/-242.928 χ^2/NDF : 13.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -102.202+/-233.838 χ^2/NDF : 18.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

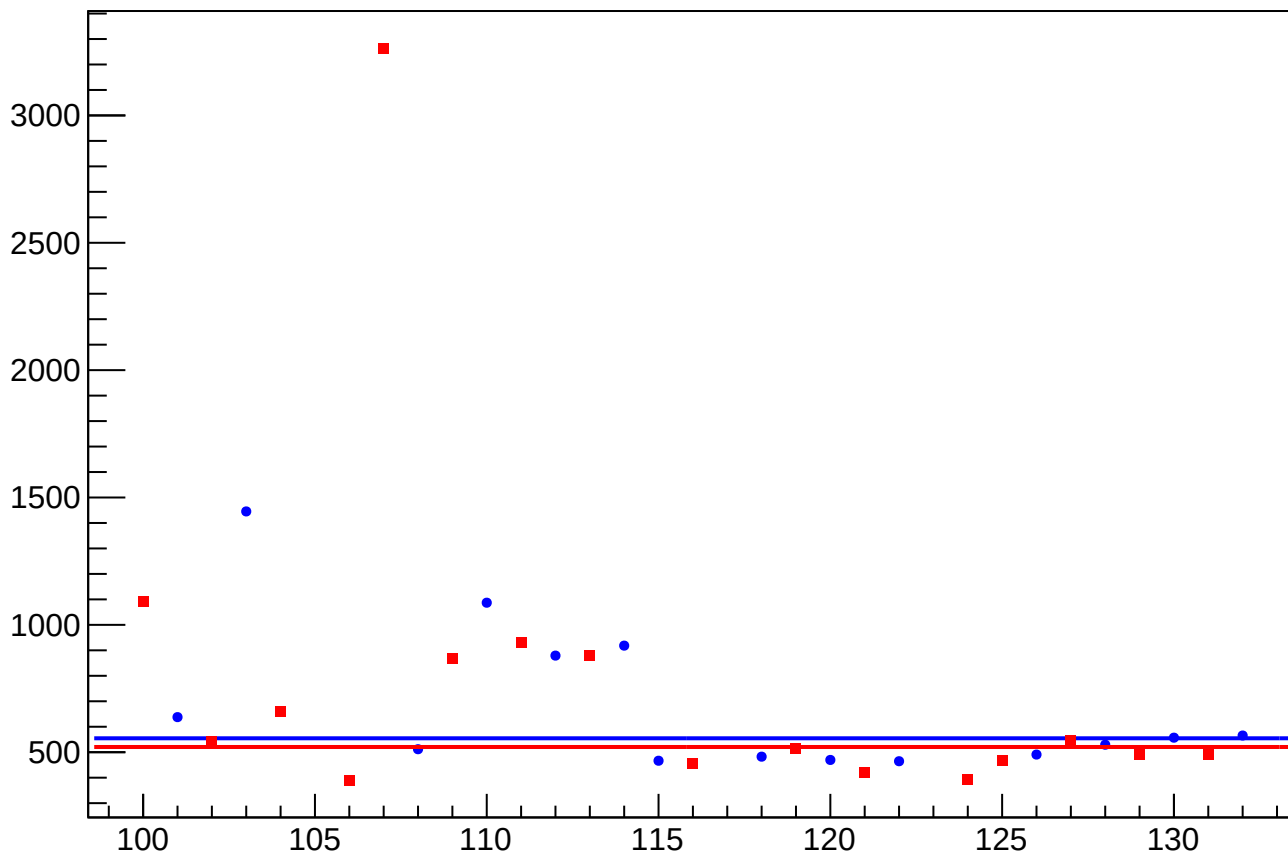
Right: -82.426+/-168.470 χ^2/NDF : 31.8/29

In: -61.083+/-242.928 χ^2/NDF :13.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -82.426+/-168.470 χ^2/NDF : 31.8/29

asym_at1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 554.678+/-0.172 χ^2/NDF : 760799.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 520.501+/-0.165 χ^2/NDF : 1041673.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

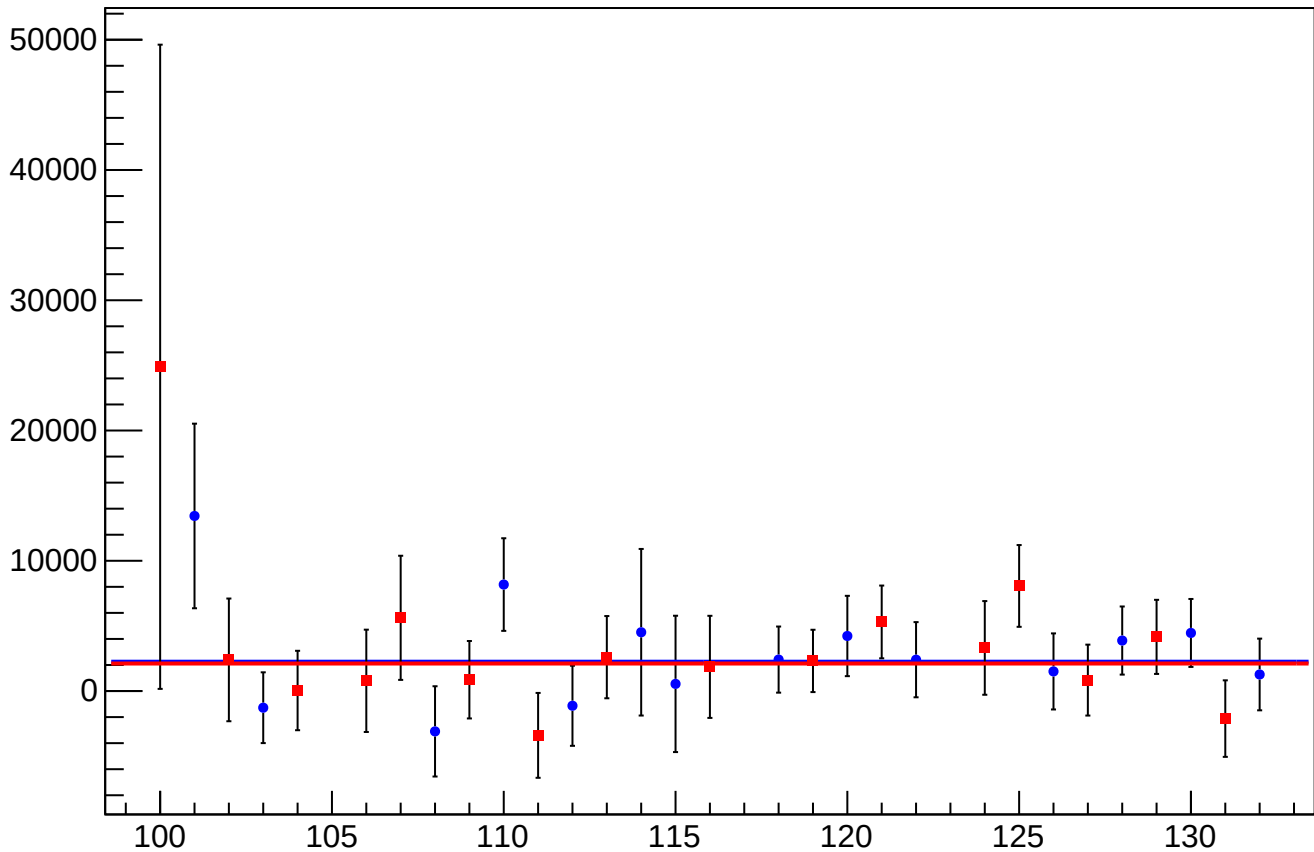
Right: 536.938+/-0.119 χ^2/NDF : 1823020.4/29

In: 554.678+/-0.172 χ^2/NDF : 760799.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 536.938+/-0.119 χ^2/NDF : 1823020.4/29

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2251.942+/-842.861 χ^2/NDF : 12.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2112.504+/-818.600 χ^2/NDF : 12.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

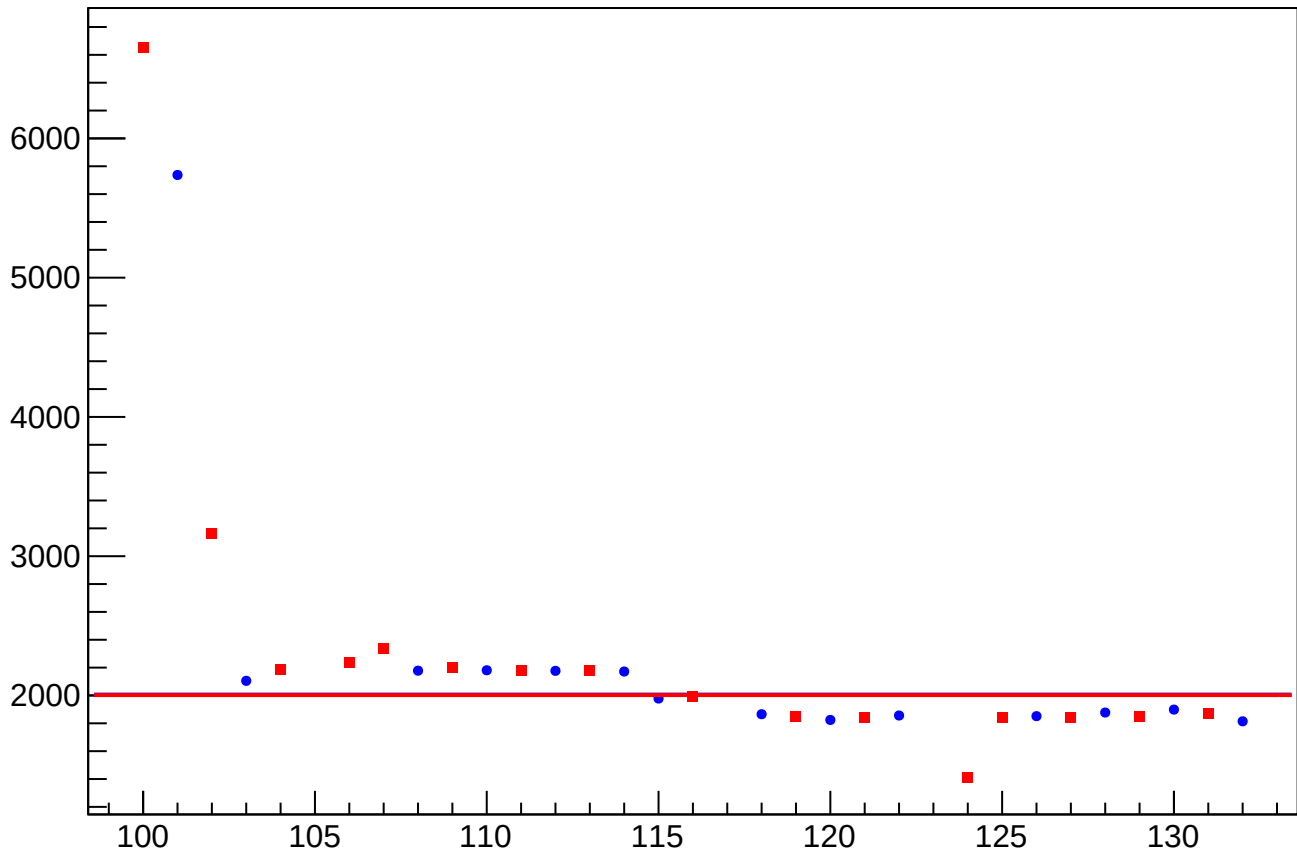
Right: 2180.187+/-587.227 χ^2/NDF : 25.4/29

In: 2251.942+/-842.861 χ^2/NDF : 12.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2180.187+/-587.227 χ^2/NDF : 25.4/29

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2006.004+/-0.596 χ^2/NDF : 616627.3/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2002.734+/-0.579 χ^2/NDF : 328542.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

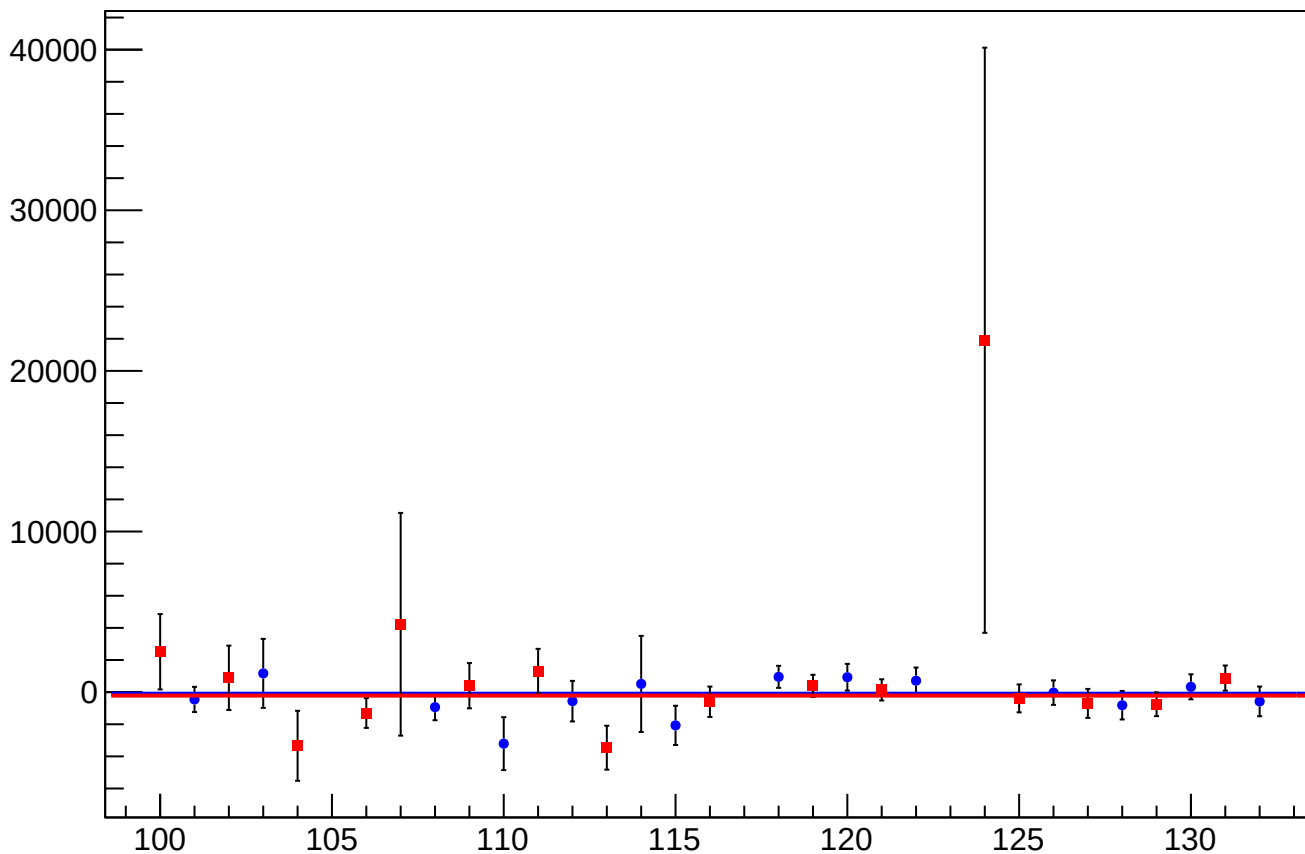
Right: 2004.321+/-0.415 χ^2/NDF : 945185.0/29

In: 2006.004+/-0.596 χ^2/NDF :616627.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2004.321+/-0.415 χ^2/NDF : 945185.0/29

asym_at1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -96.950 $\pm$ 250.170 χ^2 /NDF: 14.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -217.225 $\pm$ 259.049 χ^2 /NDF: 18.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

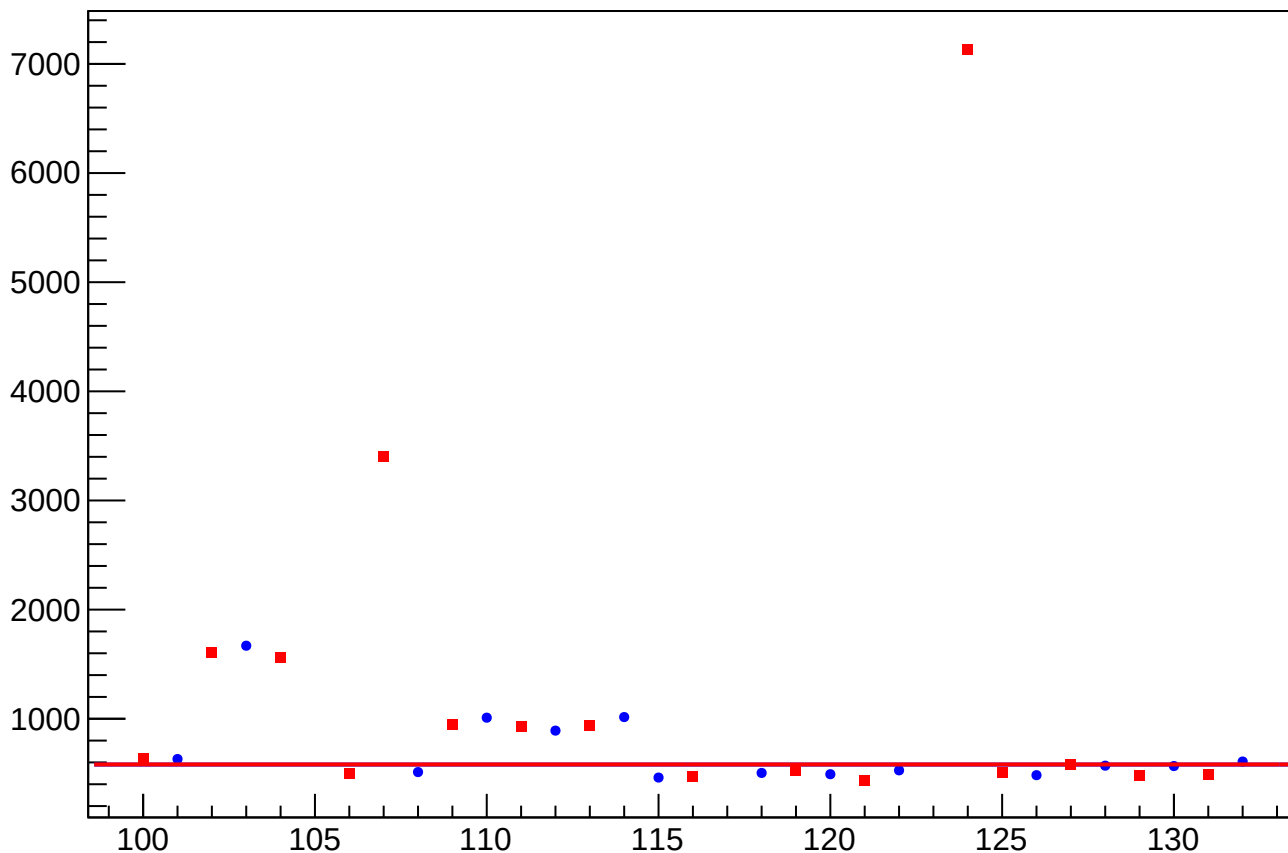
Right: -154.991 $\pm$ 179.954 χ^2 /NDF: 32.1/29

In: -96.950 $\pm$ 250.170 χ^2 /NDF:14.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -154.991 $\pm$ 179.954 χ^2 /NDF: 32.1/29

asym_at1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 580.160+/-0.177 χ^2/NDF : 946267.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 581.343+/-0.183 χ^2/NDF : 2154765.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

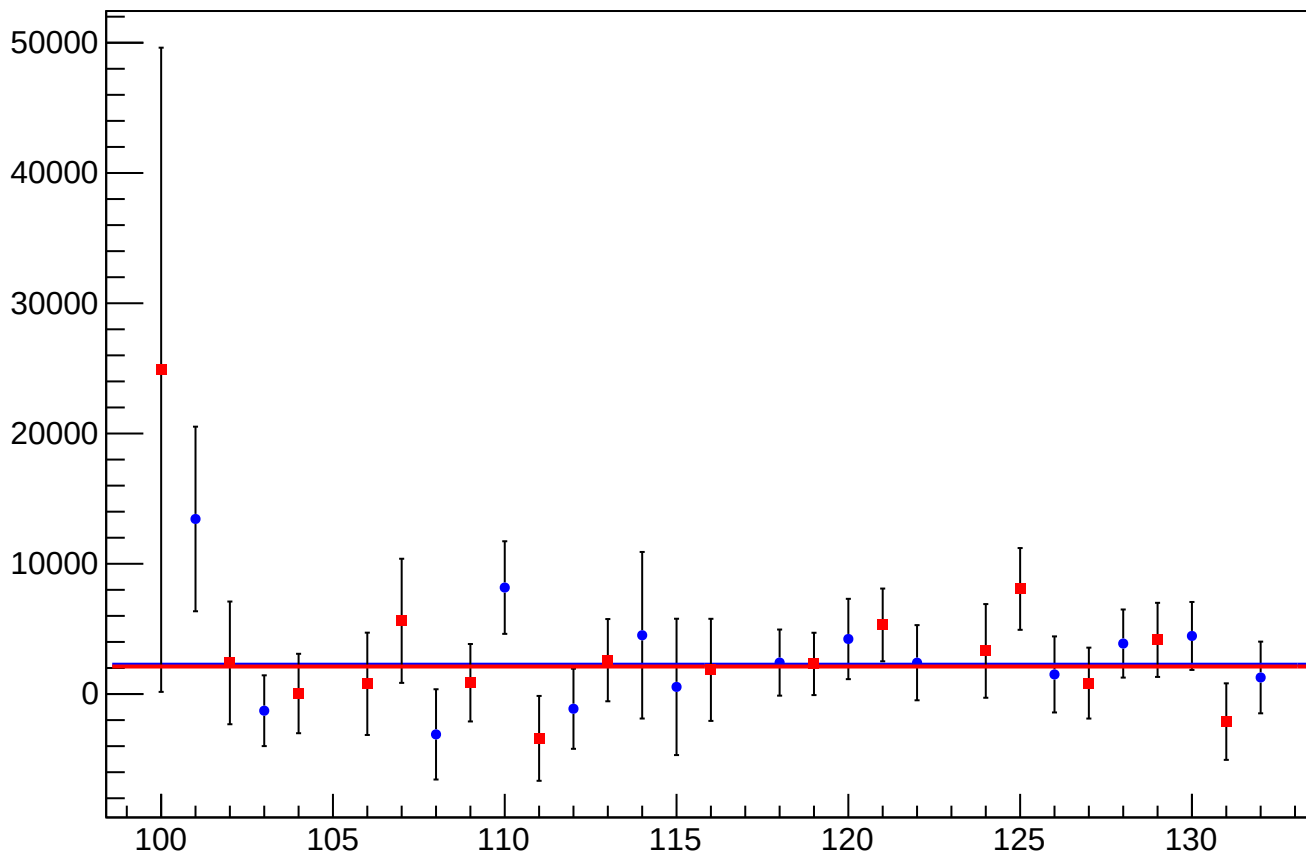
Right: 580.731+/-0.127 χ^2/NDF : 3101054.4/29

In: 580.160+/-0.177 χ^2/NDF : 946267.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 580.731+/-0.127 χ^2/NDF : 3101054.4/29

eigen_dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2251.940+/-842.861 χ^2/NDF : 12.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2112.502+/-818.600 χ^2/NDF : 12.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

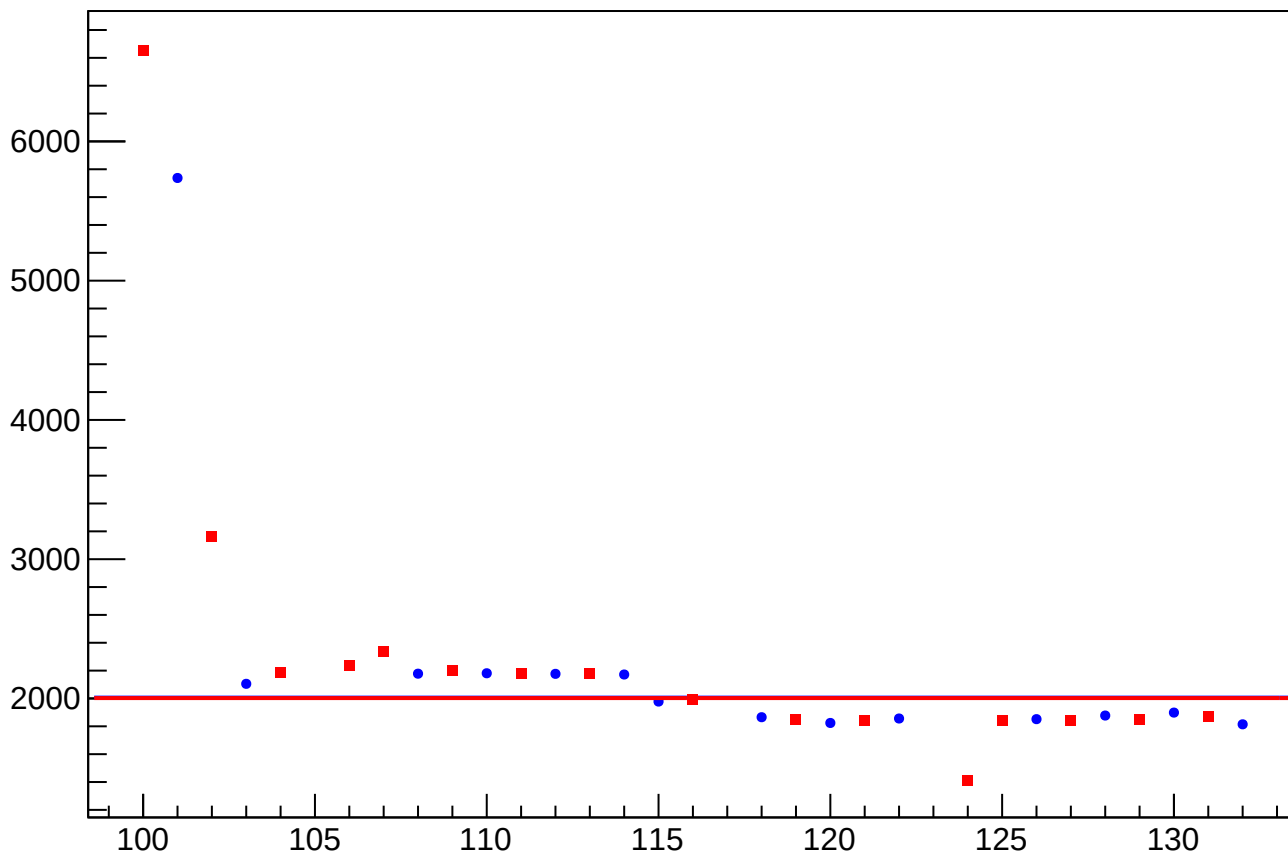
Right: 2180.185+/-587.227 χ^2/NDF : 25.4/29

In: 2251.940+/-842.861 χ^2/NDF : 12.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2180.185+/-587.227 χ^2/NDF : 25.4/29

eigen_dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2006.003+/-0.596 χ^2/NDF : 616627.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2002.734+/-0.579 χ^2/NDF : 328541.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

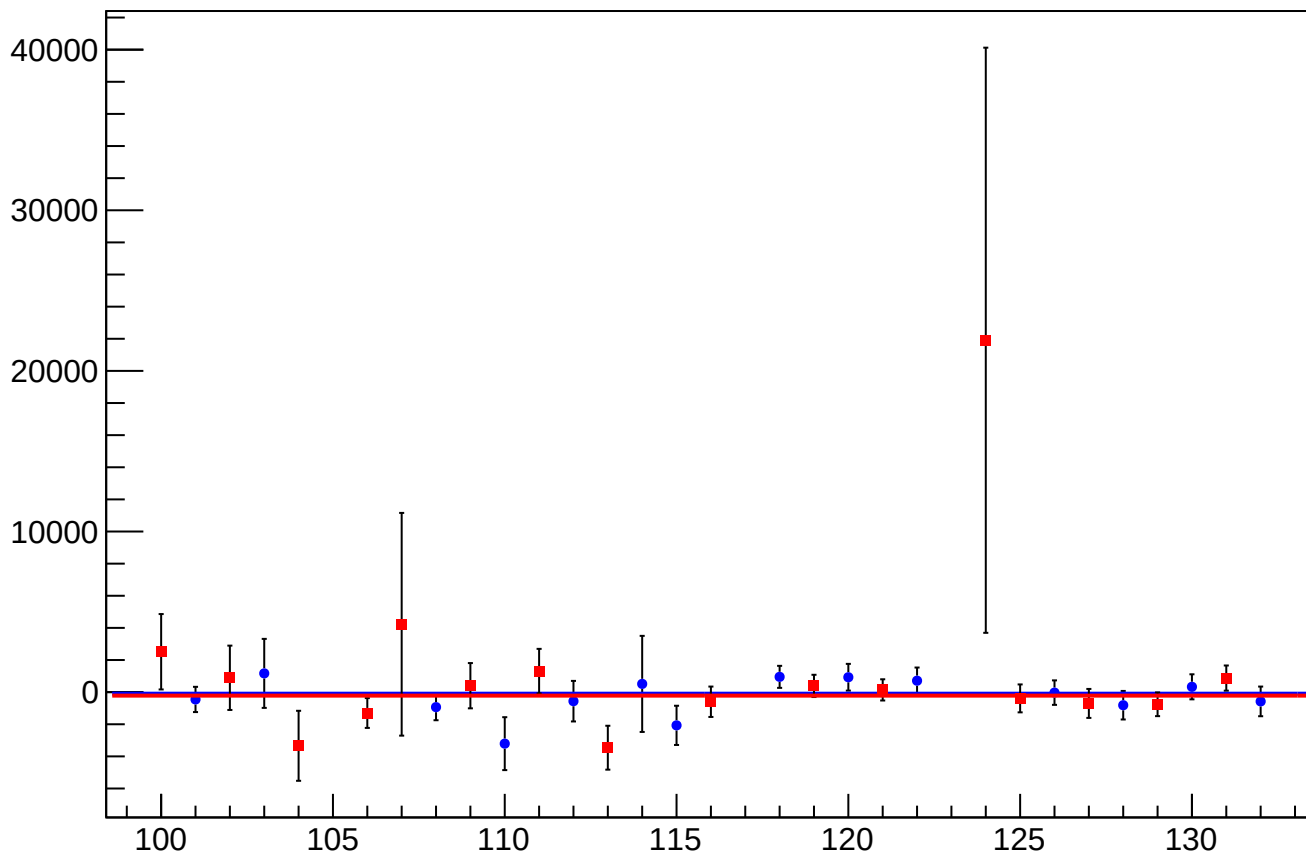
Right: 2004.321+/-0.415 χ^2/NDF : 945183.6/29

In: 2006.003+/-0.596 χ^2/NDF : 616627.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2004.321+/-0.415 χ^2/NDF : 945183.6/29

asym_at1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -96.950+/-250.169 χ^2/NDF : 14.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -217.224+/-259.049 χ^2/NDF : 18.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

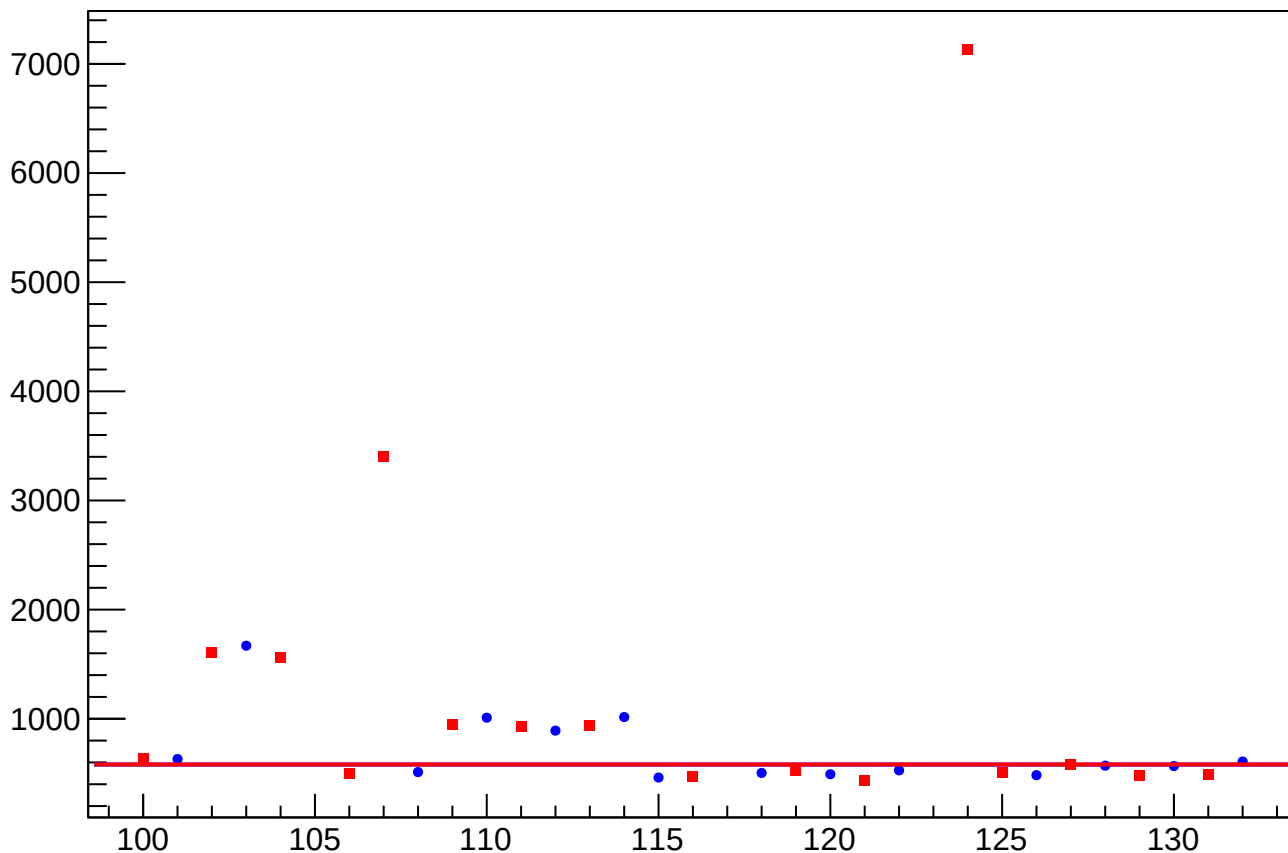
Right: -154.990+/-179.954 χ^2/NDF : 32.1/29

In: -96.950+/-250.169 χ^2/NDF : 14.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -154.990+/-179.954 χ^2/NDF : 32.1/29

asym_at1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 580.159+/-0.177 χ^2/NDF : 946271.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 581.342+/-0.183 χ^2/NDF : 2154770.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

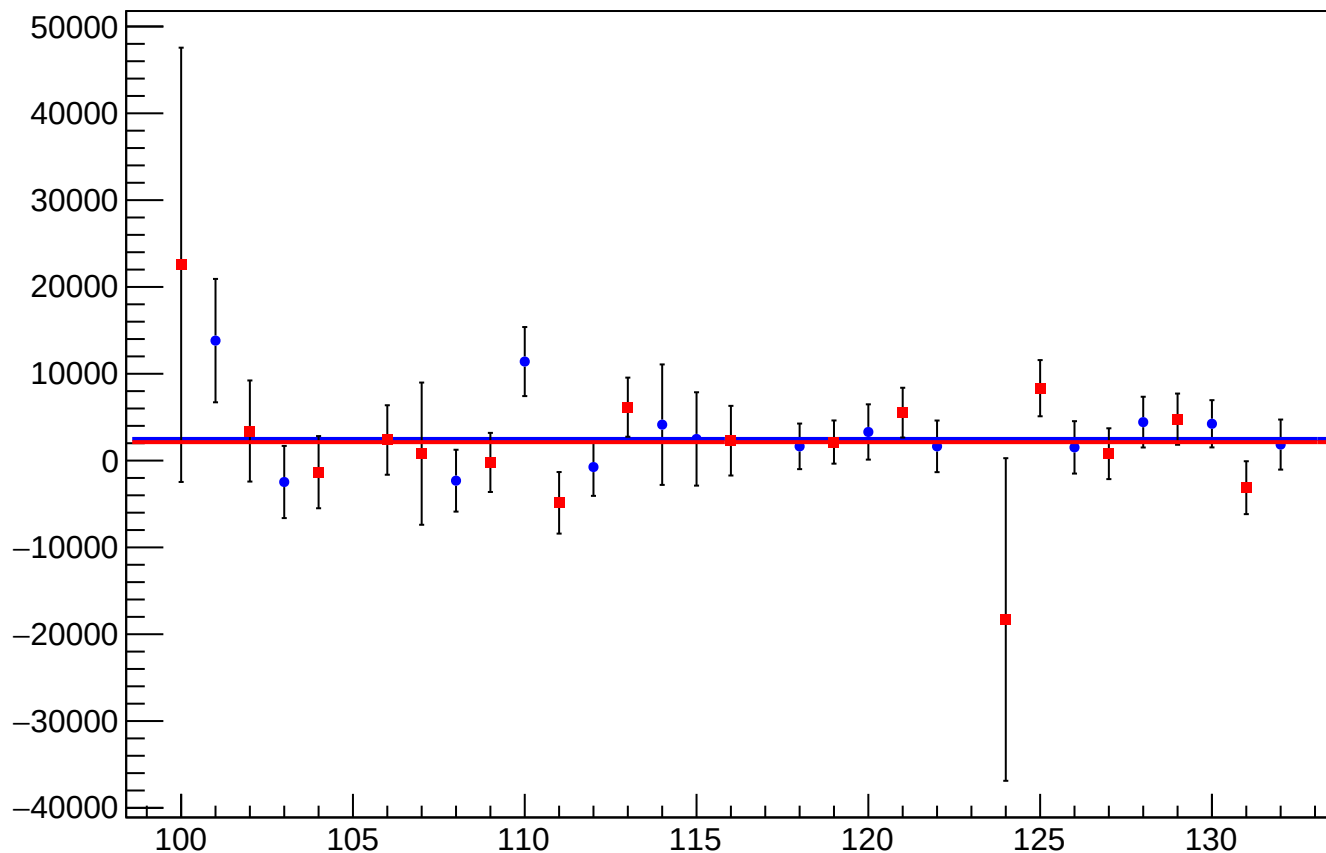
Right: 580.730+/-0.127 χ^2/NDF : 3101063.3/29

In: 580.159+/-0.177 χ^2/NDF : 946271.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 580.730+/-0.127 χ^2/NDF : 3101063.3/29

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2493.108+/-910.999 χ^2/NDF : 13.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2124.428+/-912.149 χ^2/NDF : 17.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

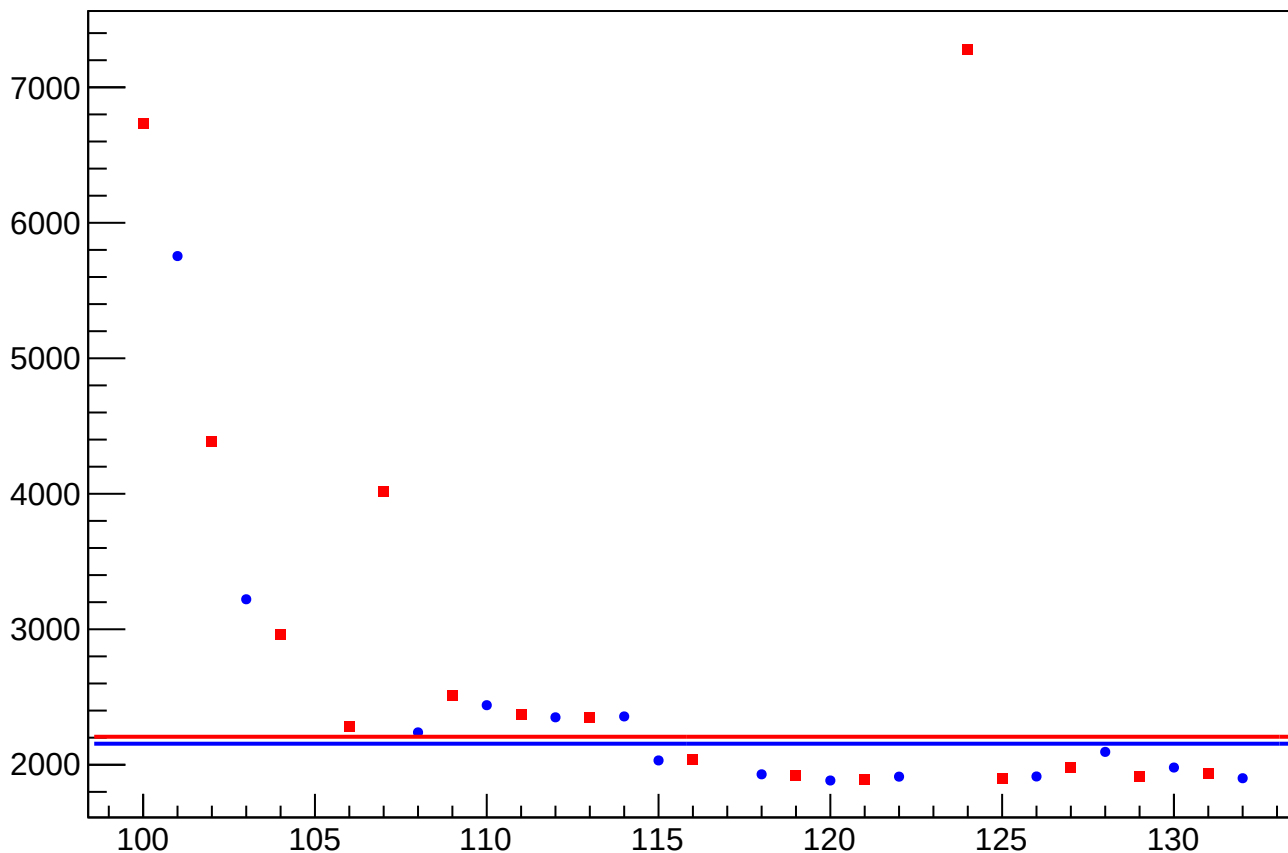
Right: 2309.001+/-644.580 χ^2/NDF : 30.6/29

In: 2493.108+/-910.999 χ^2/NDF : 13.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2309.001+/-644.580 χ^2/NDF : 30.6/29

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2155.504+/-0.644 χ^2/NDF : 745875.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2206.831+/-0.645 χ^2/NDF : 802225.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

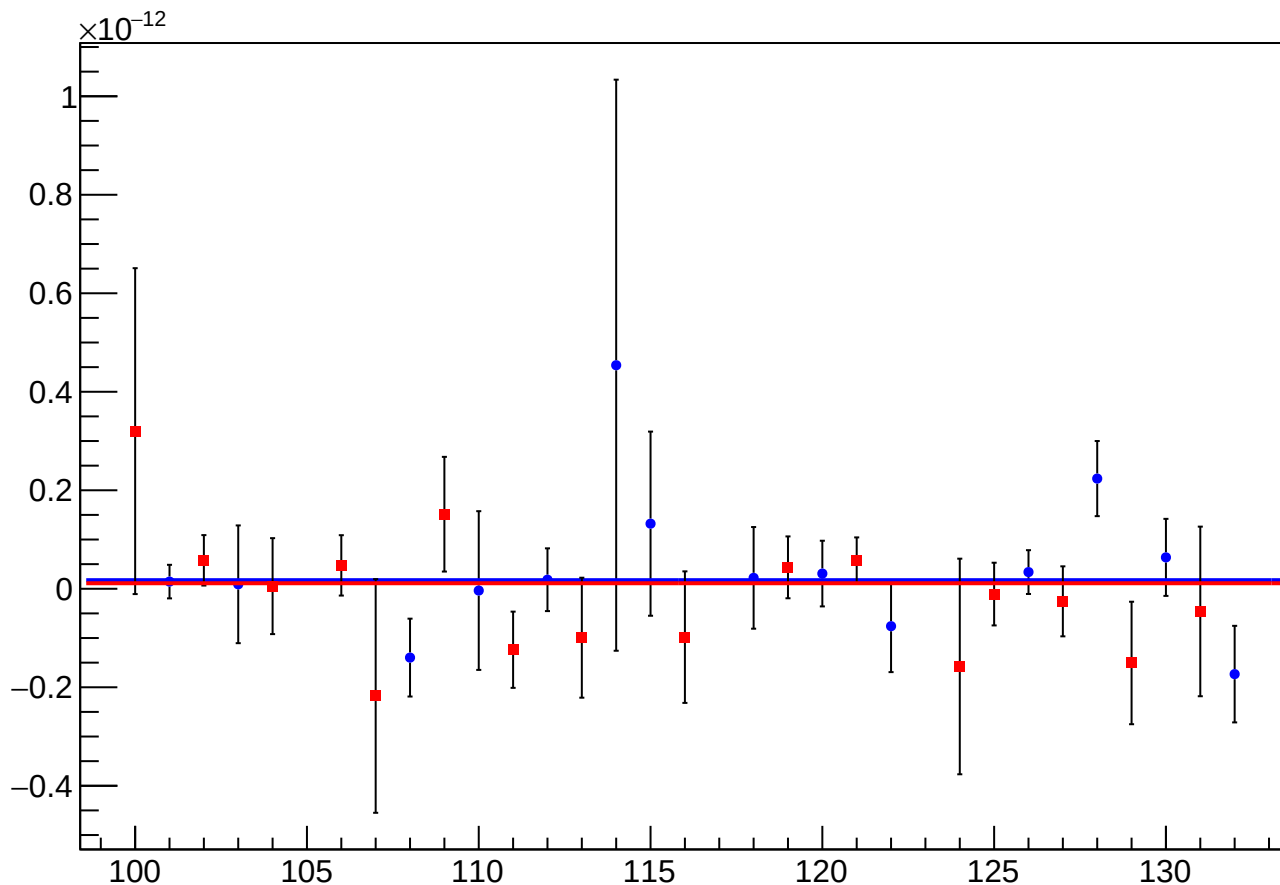
Right: 2181.135+/-0.456 χ^2/NDF : 1551272.1/29

In: 2155.504+/-0.644 χ^2/NDF : 745875.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2181.135+/-0.456 χ^2/NDF : 1551272.1/29

asym_at1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 17.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

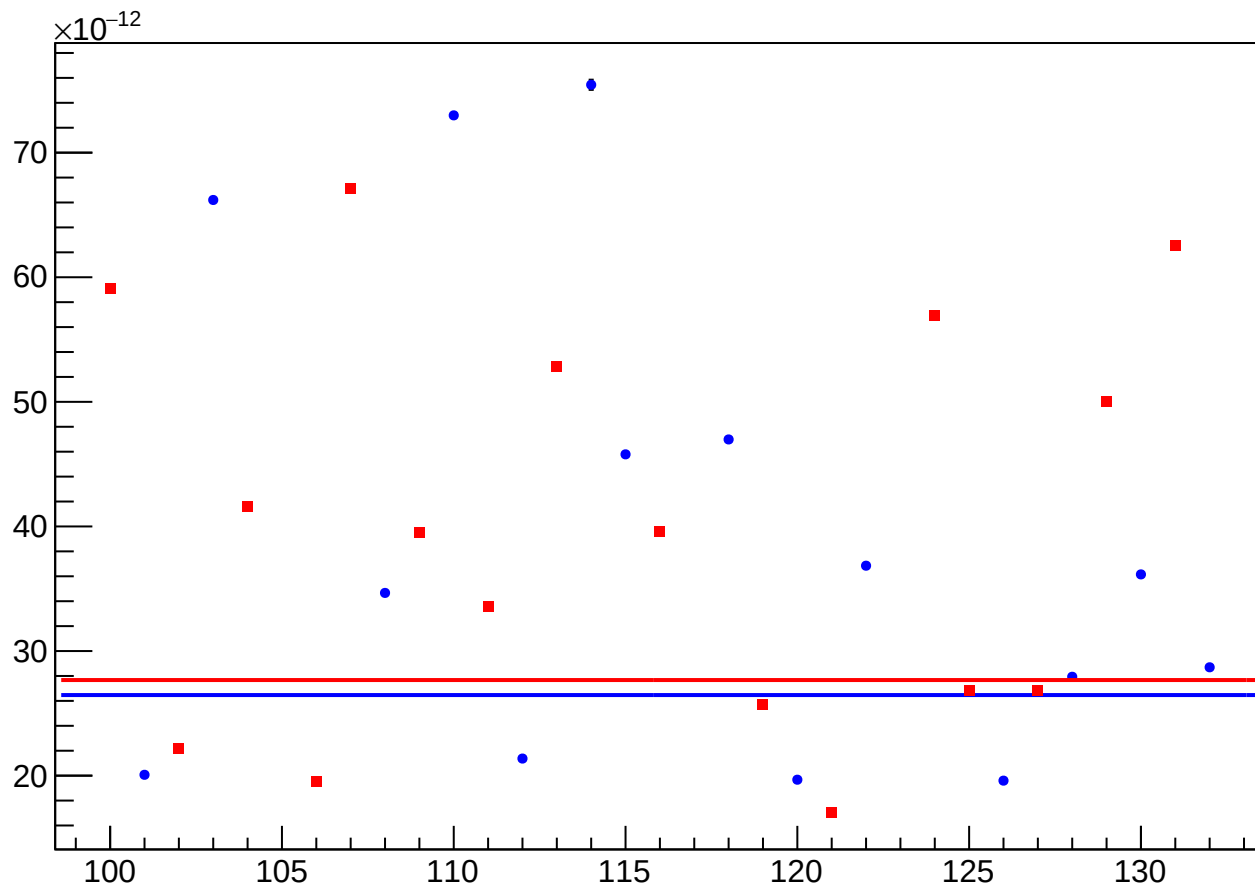
Right: 0.000+/-0.000 χ^2/NDF : 30.6/29

In: 0.000+/-0.000 χ^2/NDF : 17.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.6/29

asym_at1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 732845.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 593698.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

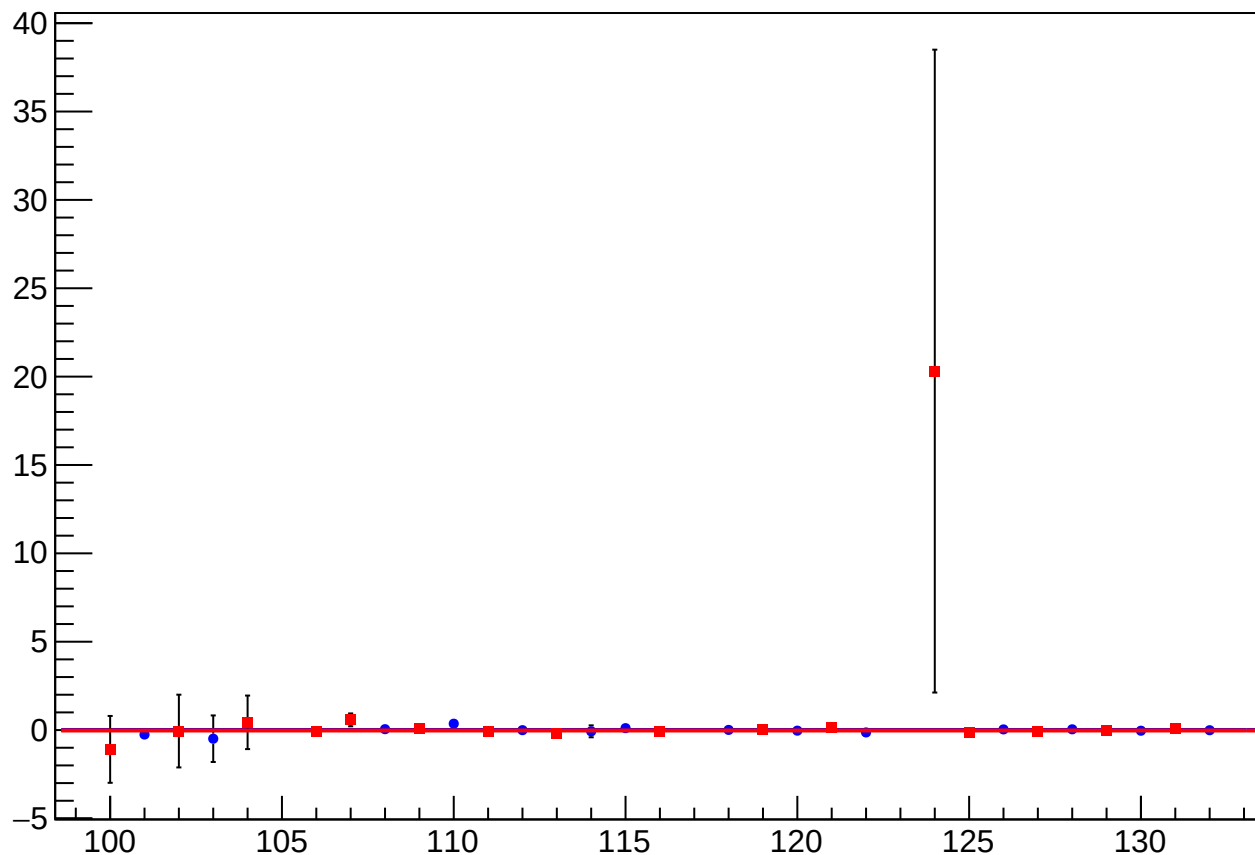
Right: 0.000+/-0.000 χ^2/NDF : 1330297.9/29

In: 0.000+/-0.000 χ^2/NDF : 732845.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1330297.9/29

asym_at1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.028 χ^2/NDF : 11.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.023+/-0.027 χ^2/NDF : 14.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

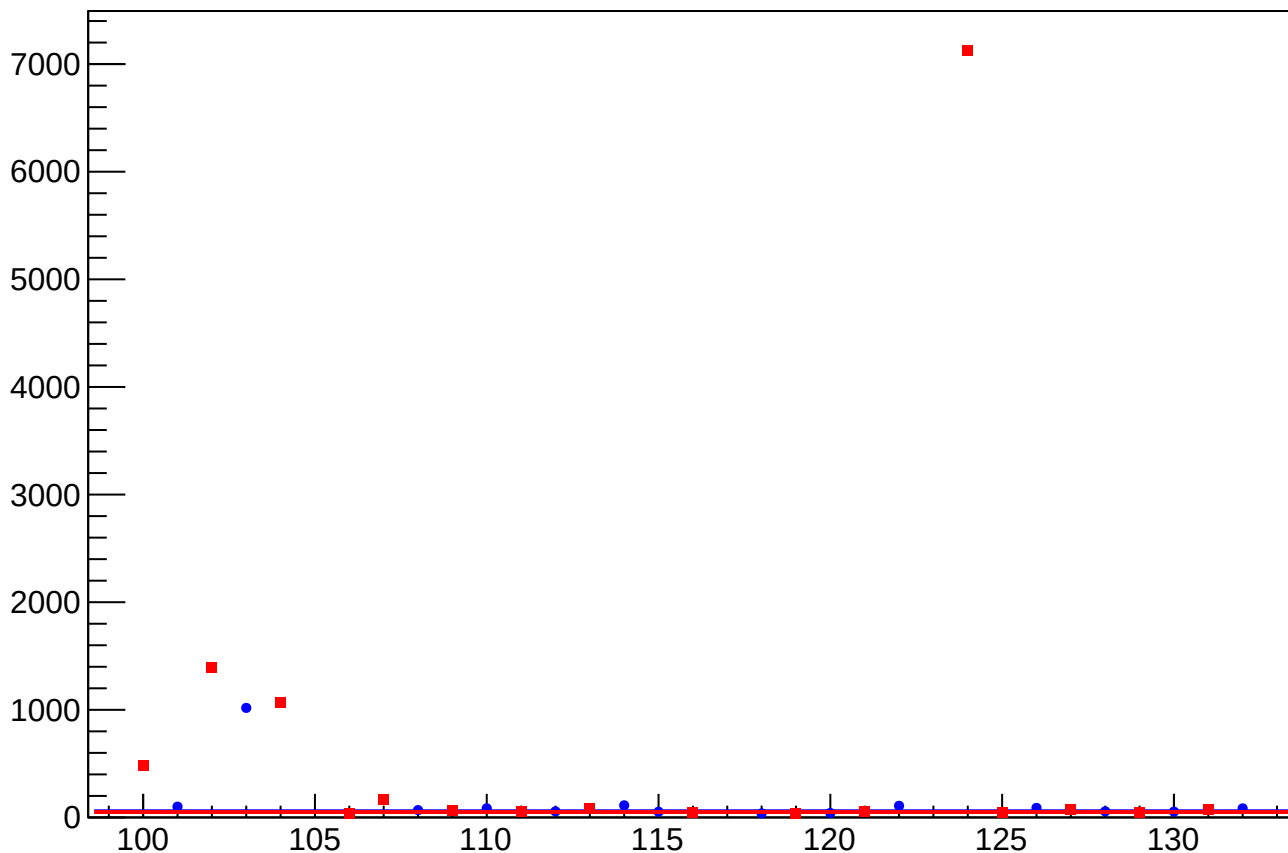
Right: -0.010+/-0.019 χ^2/NDF : 26.3/29

In: 0.004+/-0.028 χ^2/NDF : 11.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.019 χ^2/NDF : 26.3/29

asym_at1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.341+/-0.020 χ^2/NDF : 2060384.6/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 50.915+/-0.019 χ^2/NDF : 2886667.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

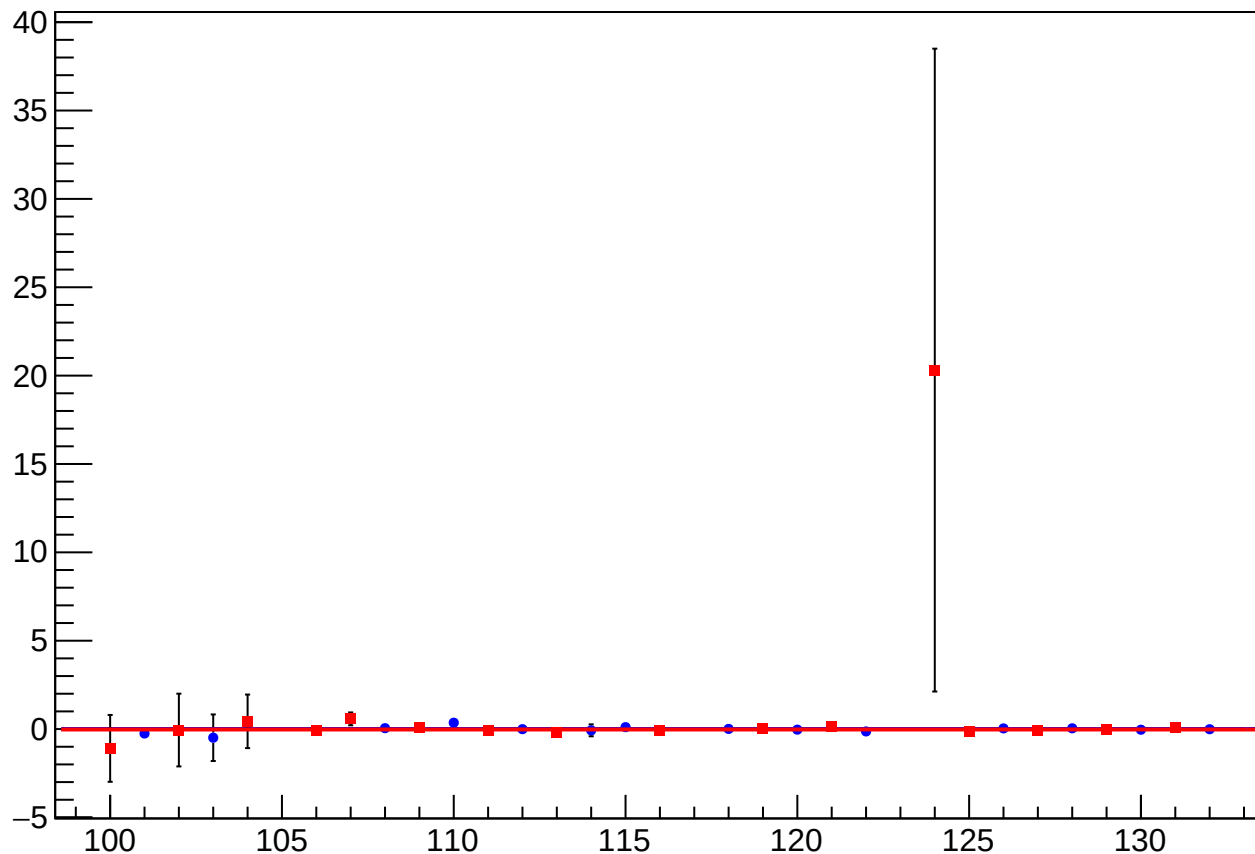
Right: 53.922+/-0.014 χ^2/NDF : 5001440.9/29

In: 57.341+/-0.020 χ^2/NDF :2060384.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 53.922+/-0.014 χ^2/NDF : 5001440.9/29

asym_at1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.028 χ^2/NDF : 11.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.023+/-0.027 χ^2/NDF : 14.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

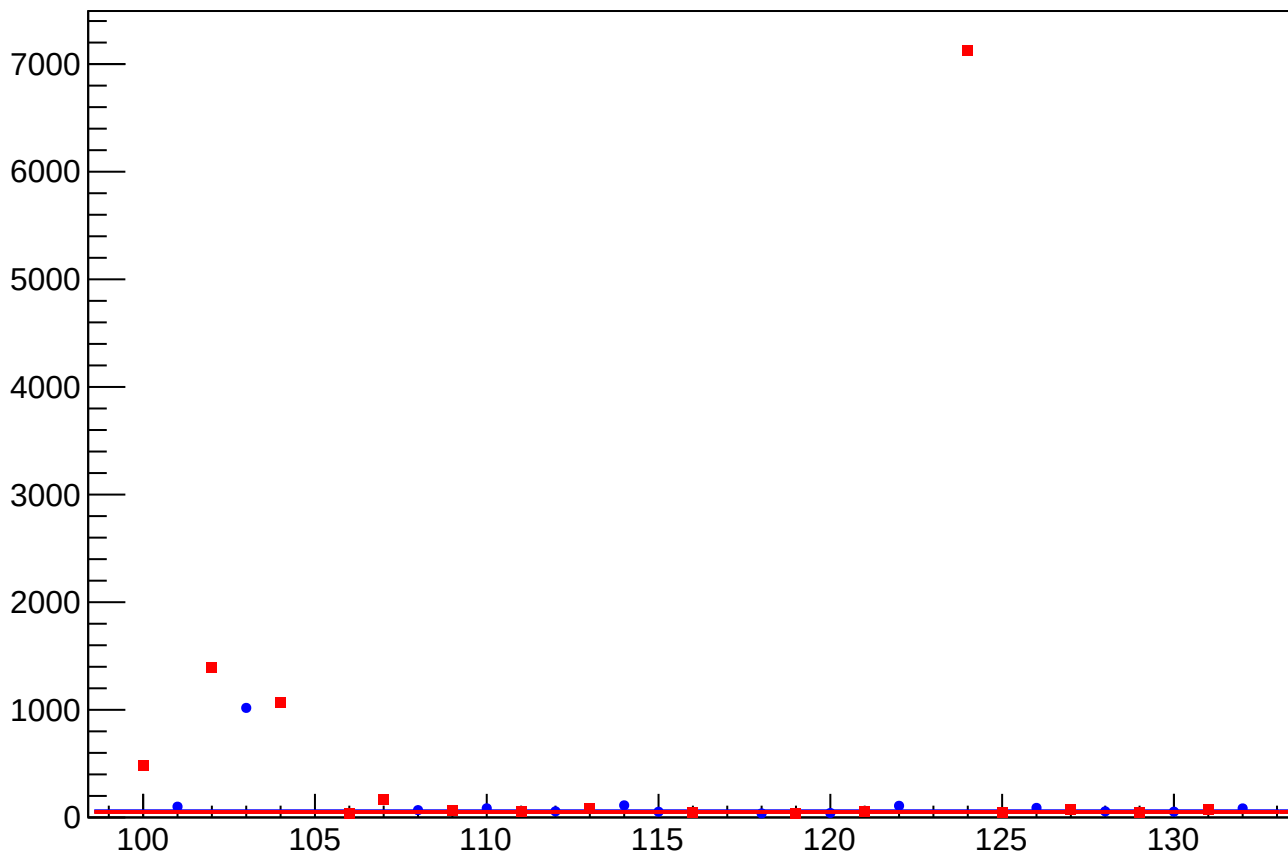
Right: -0.010+/-0.019 χ^2/NDF : 26.3/29

In: 0.004+/-0.028 χ^2/NDF : 11.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.019 χ^2/NDF : 26.3/29

asym_at1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.341+/-0.020 χ^2/NDF : 2060384.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.915+/-0.019 χ^2/NDF : 2886667.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

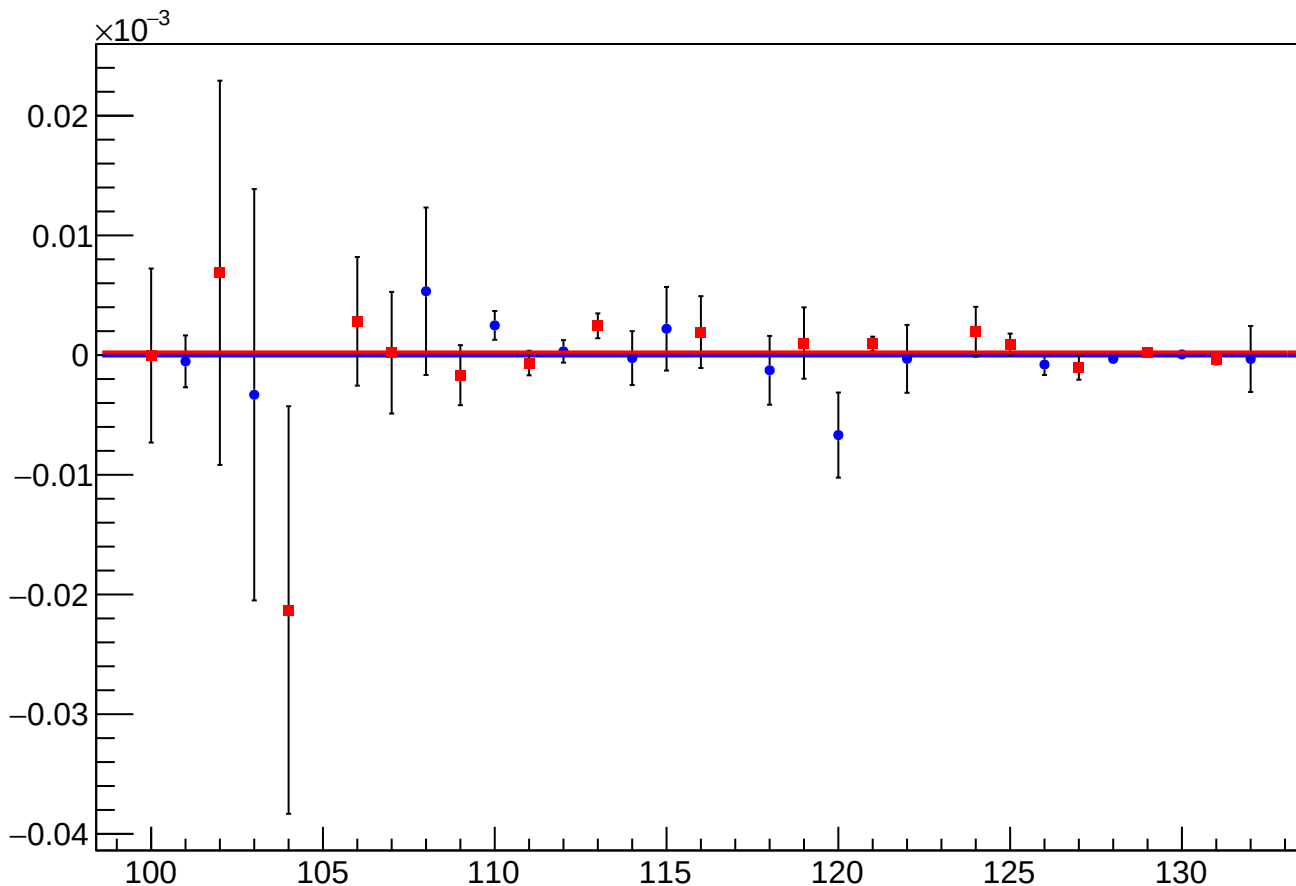
Right: 53.922+/-0.014 χ^2/NDF : 5001440.9/29

In: 57.341+/-0.020 χ^2/NDF : 2060384.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.922+/-0.014 χ^2/NDF : 5001440.9/29

asym_at1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

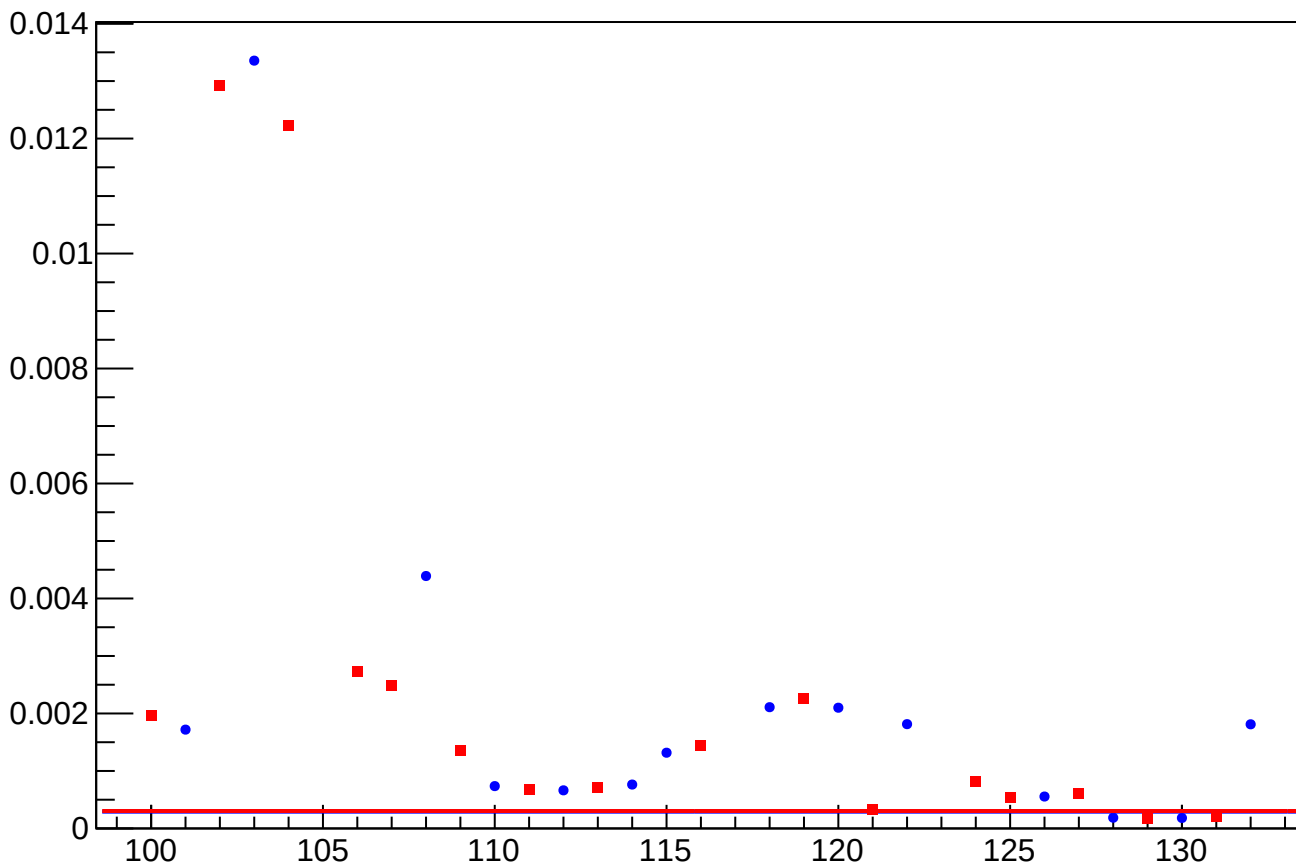
Right: 0.000+/-0.000 χ^2/NDF : 25.5/29

In: -0.000+/-0.000 χ^2/NDF : 10.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.5/29

asym_at1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6759774.6/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6183188.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

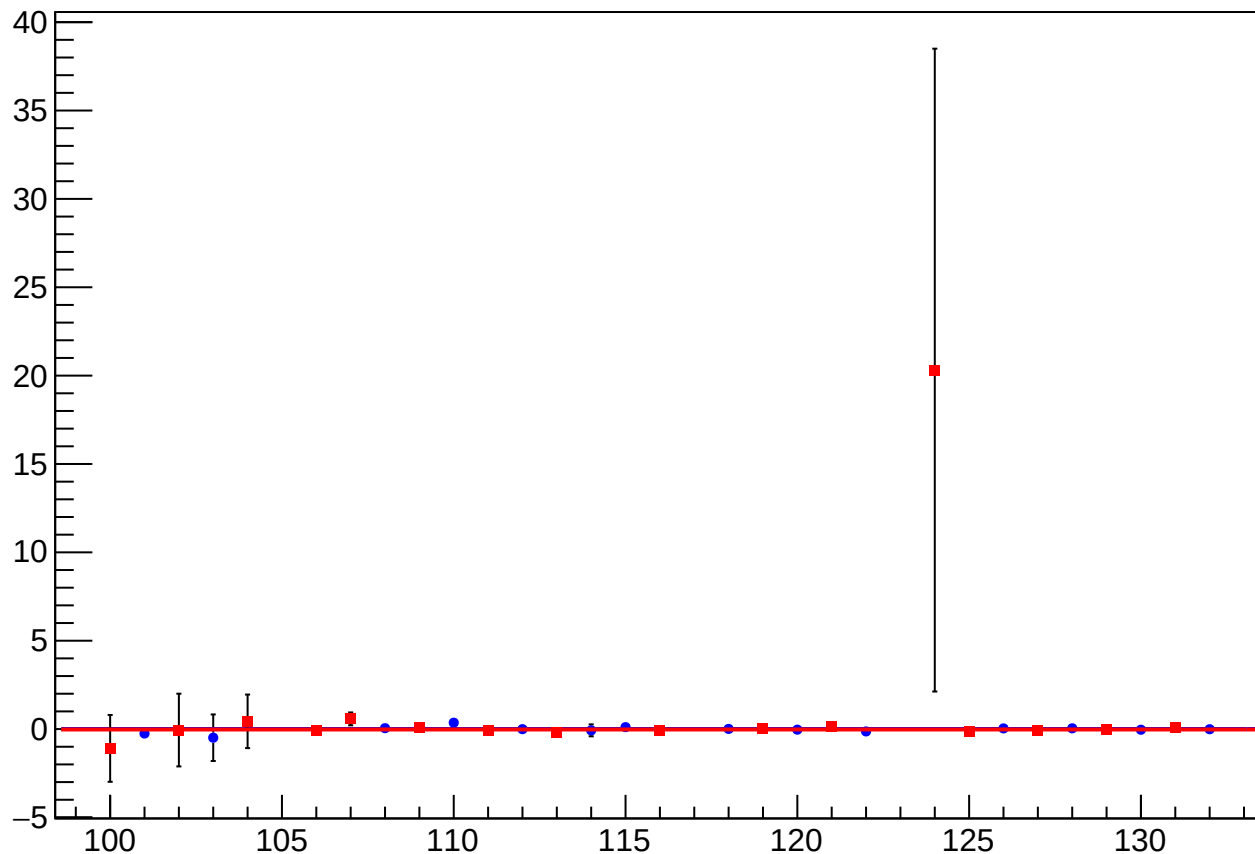
Right: 0.000+/-0.000 χ^2/NDF : 12946078.2/29

In: 0.000+/-0.000 χ^2/NDF :6759774.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12946078.2/29

asym_at1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.028 χ^2/NDF : 11.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.023+/-0.027 χ^2/NDF : 14.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

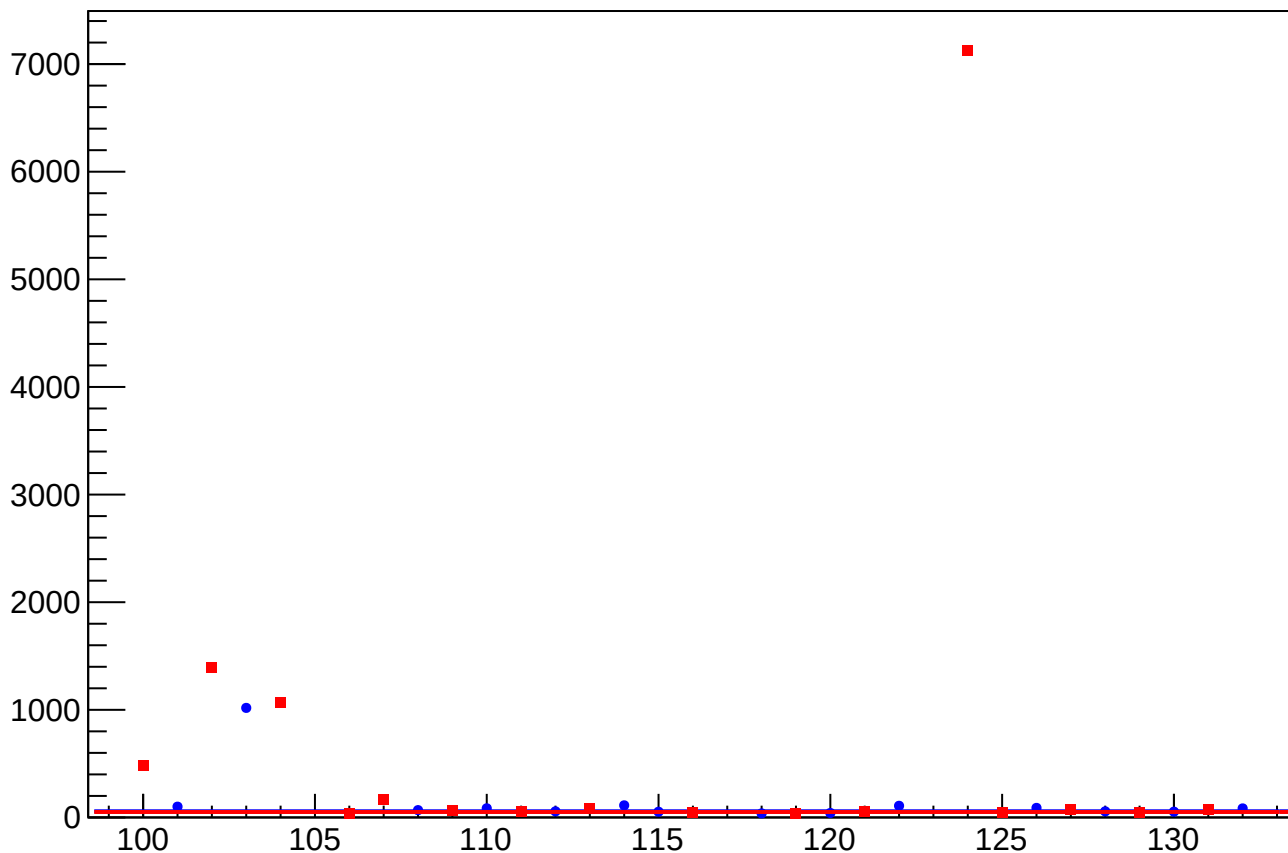
Right: -0.010+/-0.019 χ^2/NDF : 26.3/29

In: 0.004+/-0.028 χ^2/NDF : 11.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.019 χ^2/NDF : 26.3/29

asym_at1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.341+/-0.020 χ^2/NDF : 2060393.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.914+/-0.019 χ^2/NDF : 2886714.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

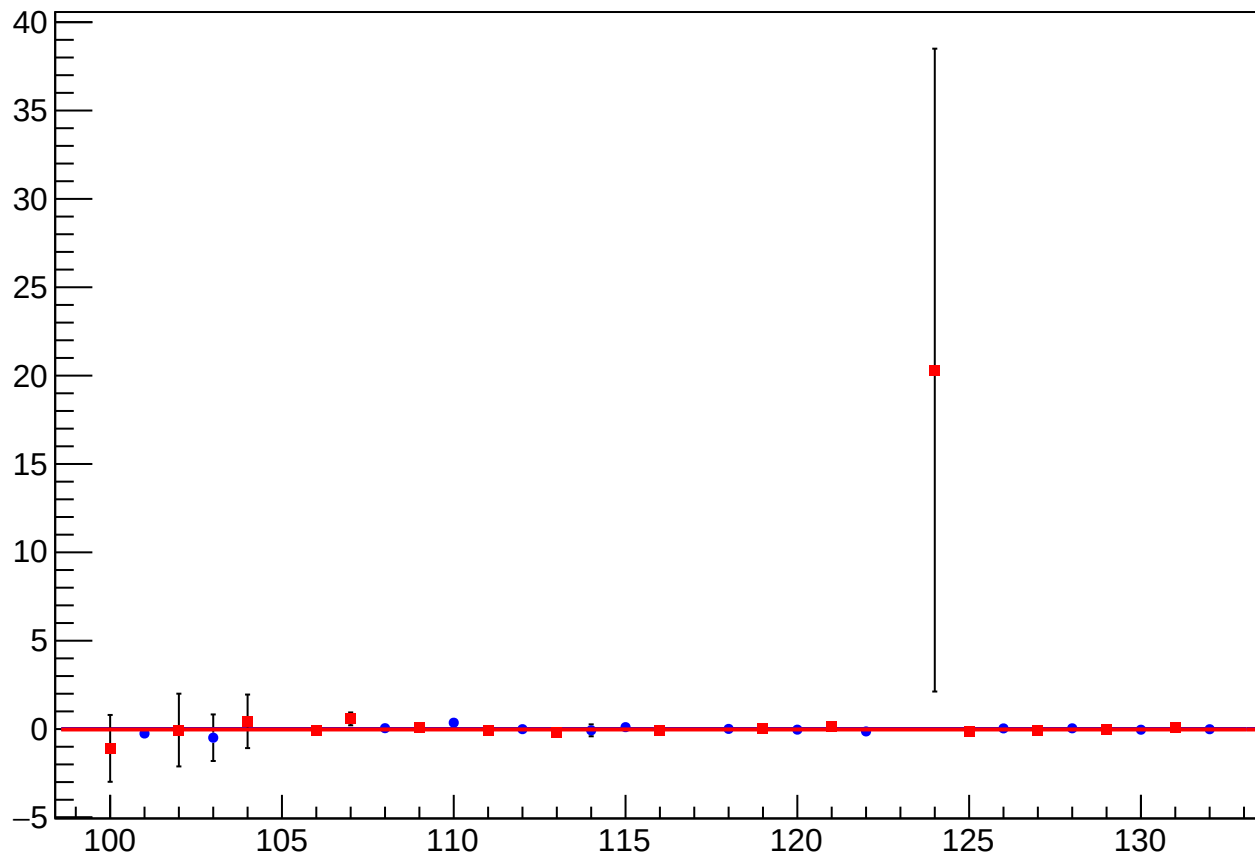
Right: 53.922+/-0.014 χ^2/NDF : 5001511.4/29

In: 57.341+/-0.020 χ^2/NDF : 2060393.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.922+/-0.014 χ^2/NDF : 5001511.4/29

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.028 χ^2/NDF : 11.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.023+/-0.027 χ^2/NDF : 14.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

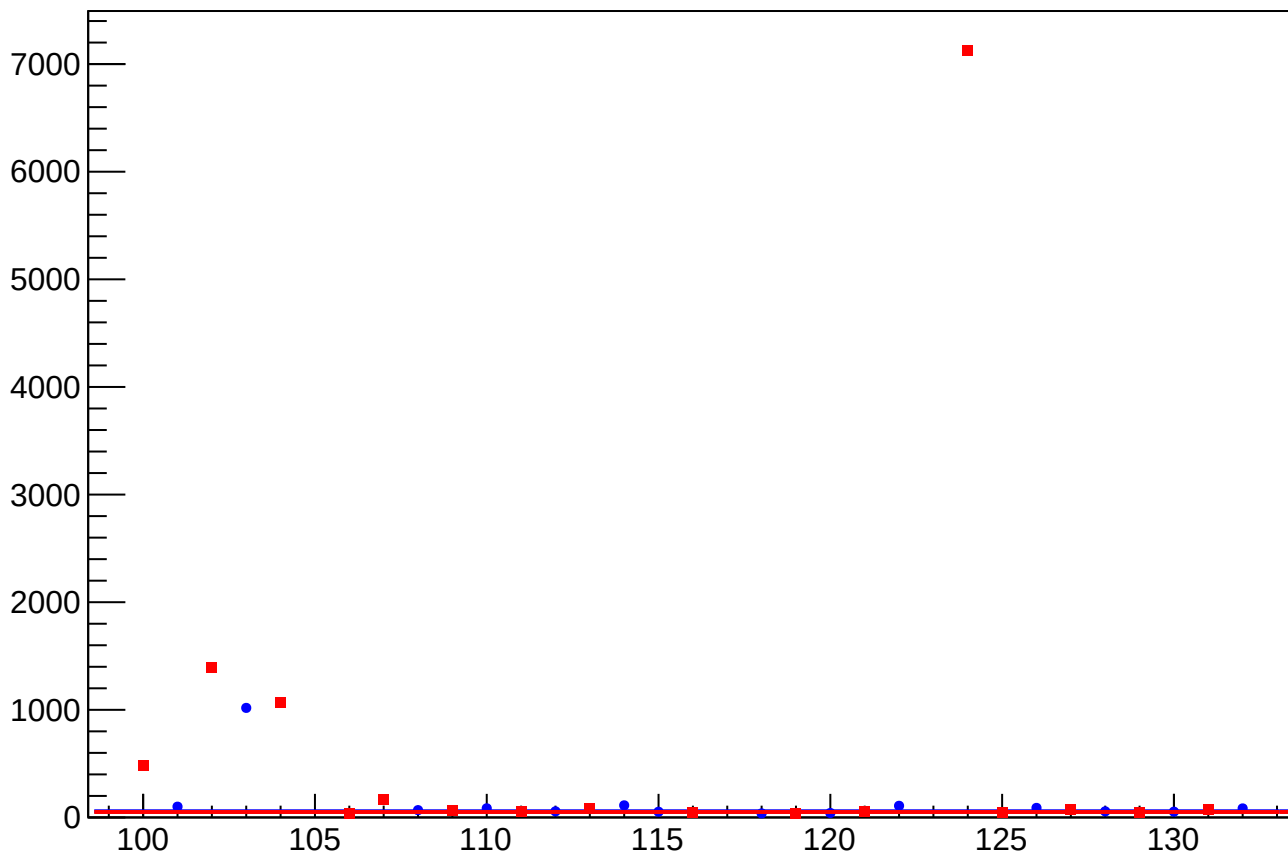
Right: -0.010+/-0.019 χ^2/NDF : 26.3/29

In: 0.004+/-0.028 χ^2/NDF : 11.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.019 χ^2/NDF : 26.3/29

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.341+/-0.020 χ^2/NDF : 2060393.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.914+/-0.019 χ^2/NDF : 2886714.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

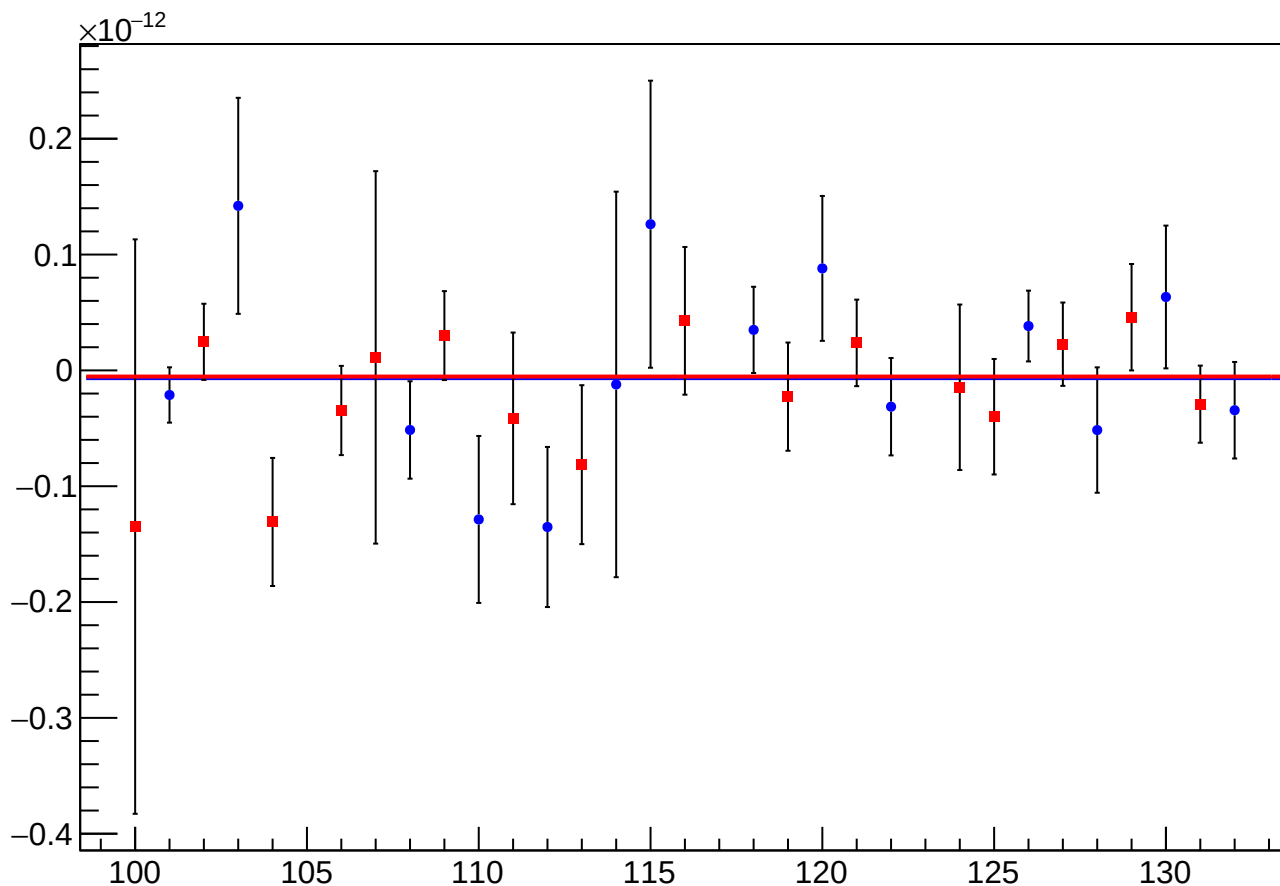
Right: 53.922+/-0.014 χ^2/NDF : 5001511.4/29

In: 57.341+/-0.020 χ^2/NDF : 2060393.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.922+/-0.014 χ^2/NDF : 5001511.4/29

asym_at1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 20.0/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 13.3/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

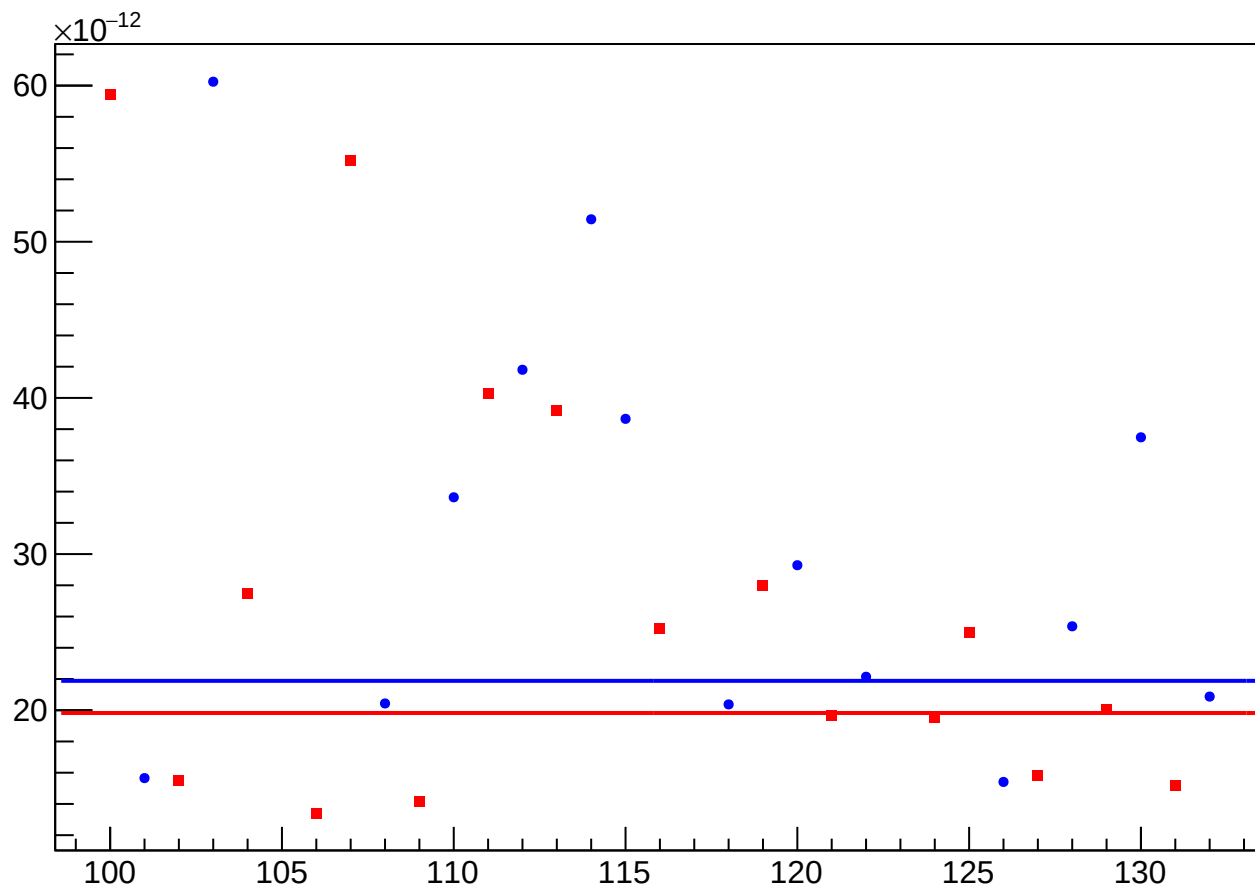
Right: -0.000+/-0.000 χ^2 /NDF: 33.3/29

In: -0.000+/-0.000 χ^2 /NDF:20.0/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 33.3/29

asym_at1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1054780.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 792012.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

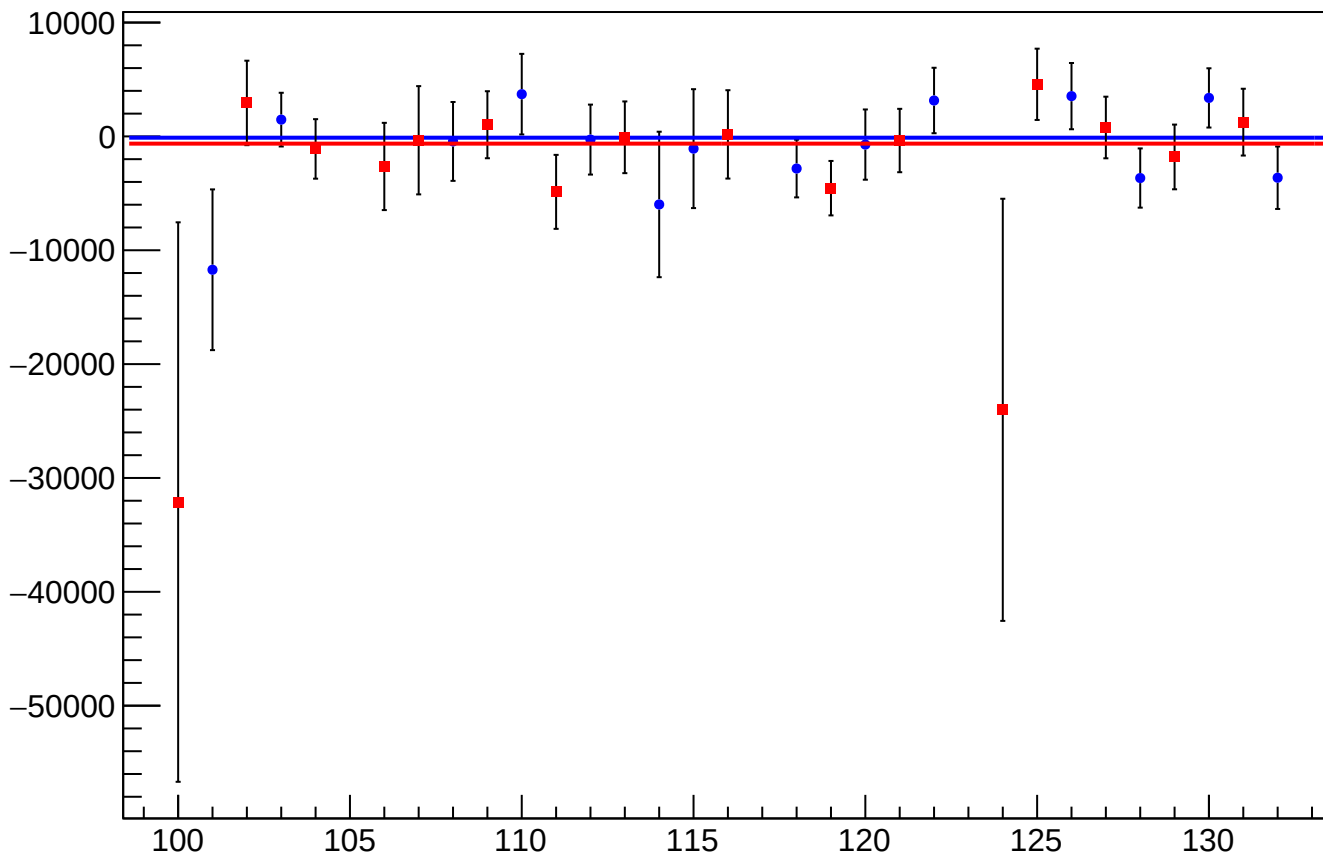
Right: 0.000+/-0.000 χ^2/NDF : 1876330.6/29

In: 0.000+/-0.000 χ^2/NDF : 1054780.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1876330.6/29

reg_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -113.594+/-828.062 χ^2 /NDF: 14.6/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -635.946+/-817.576 χ^2 /NDF: 12.9/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

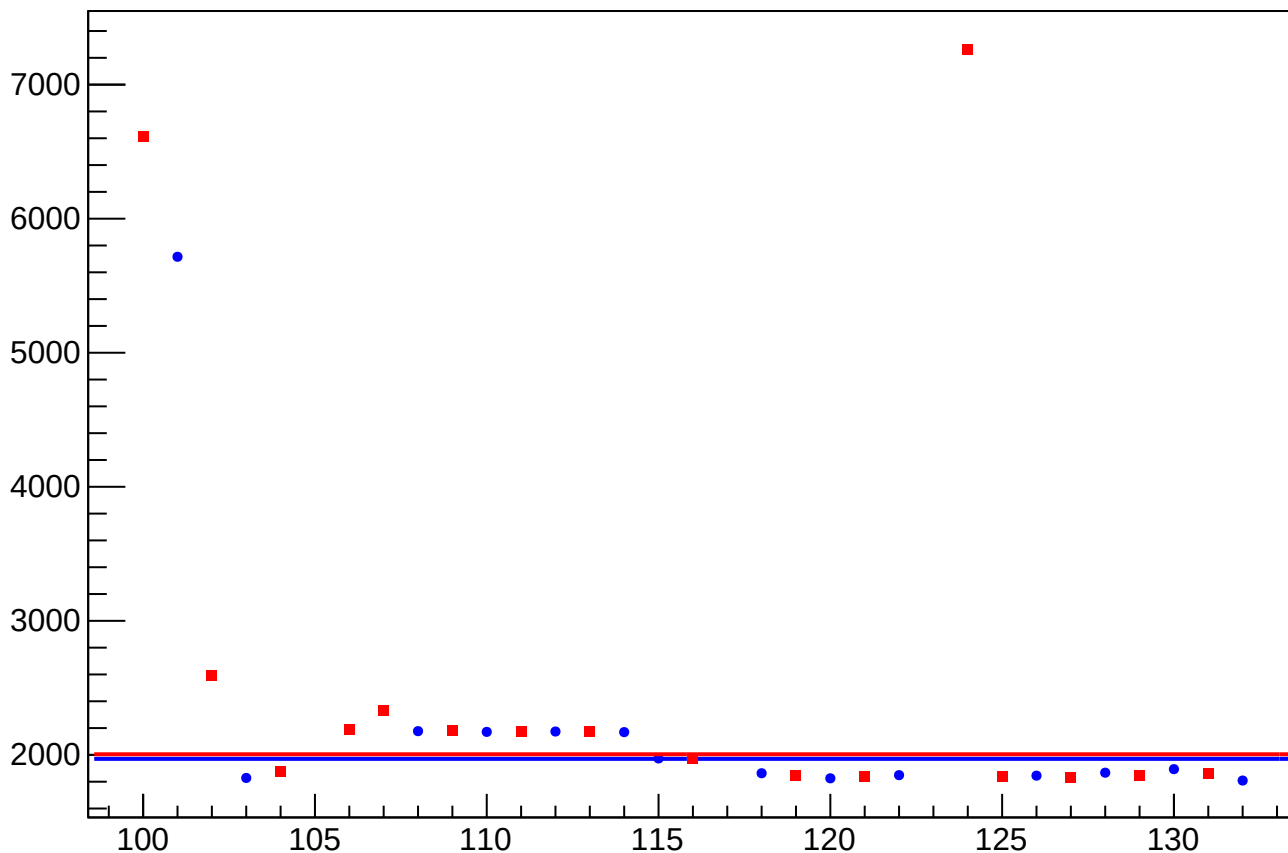
Right: -378.098+/-581.786 χ^2 /NDF: 27.6/29

In: -113.594+/-828.062 χ^2 /NDF:14.6/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -378.098+/-581.786 χ^2 /NDF: 27.6/29

reg_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1970.402+/-0.586 χ^2/NDF : 621894.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2004.552+/-0.578 χ^2/NDF : 358549.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

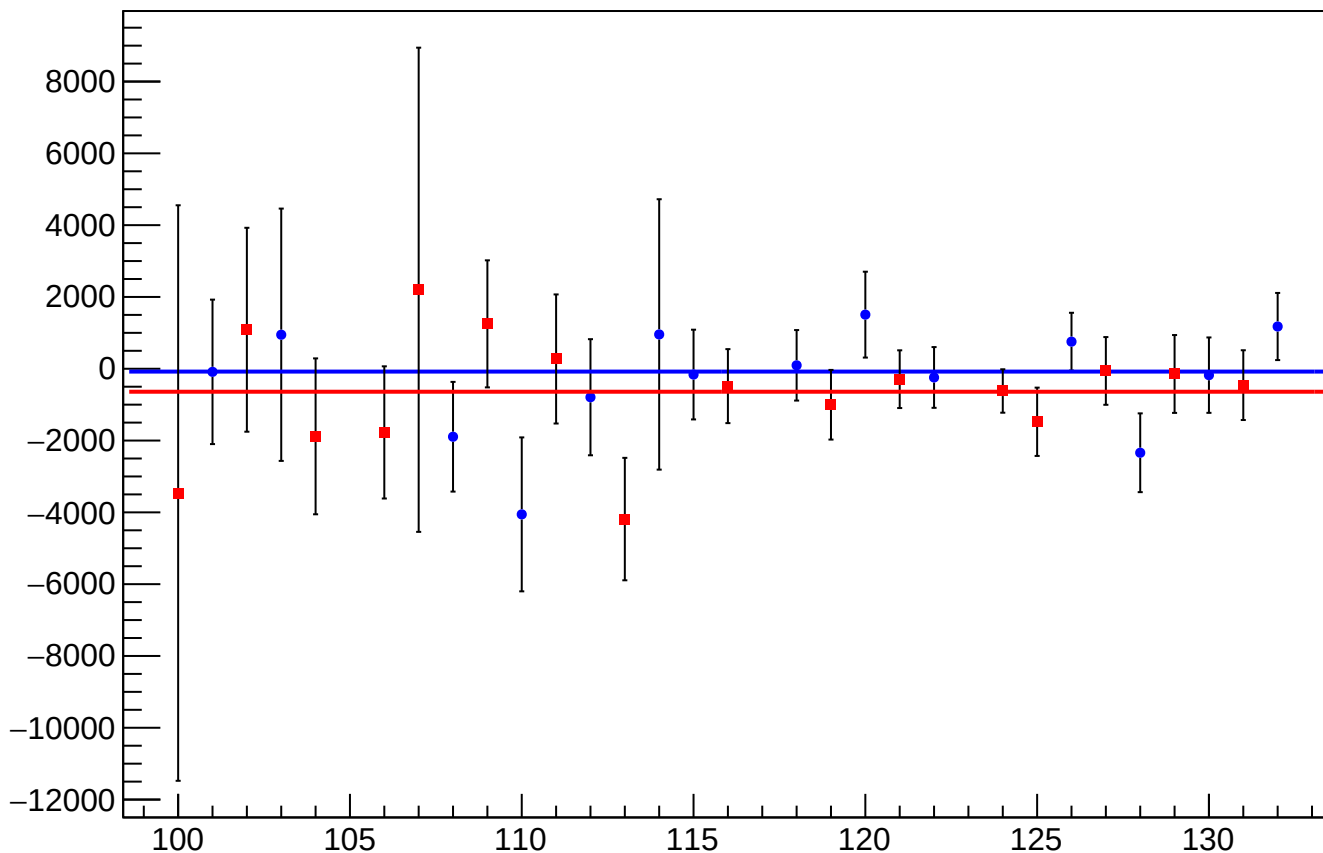
Right: 1987.694+/-0.411 χ^2/NDF : 982166.5/29

In: 1970.402+/-0.586 χ^2/NDF : 621894.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1987.694+/-0.411 χ^2/NDF : 982166.5/29

asym_at1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -78.773+/-322.320 χ^2/NDF : 14.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -639.900+/-287.883 χ^2/NDF : 8.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

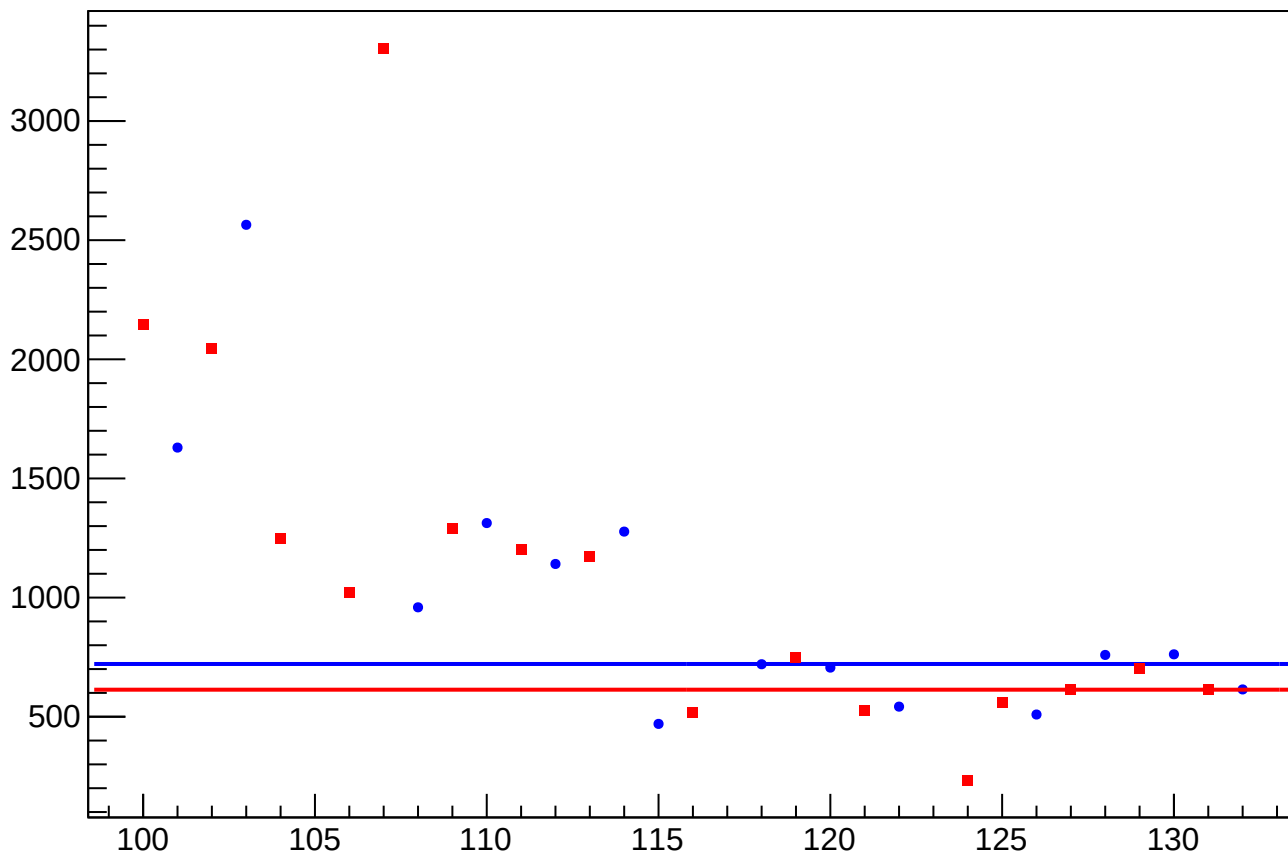
Right: -390.903+/-214.711 χ^2/NDF : 24.7/29

In: -78.773+/-322.320 χ^2/NDF : 14.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -390.903+/-214.711 χ^2/NDF : 24.7/29

asym_at1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 721.336+/-0.228 χ^2/NDF : 1677791.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 613.465+/-0.204 χ^2/NDF : 2785003.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

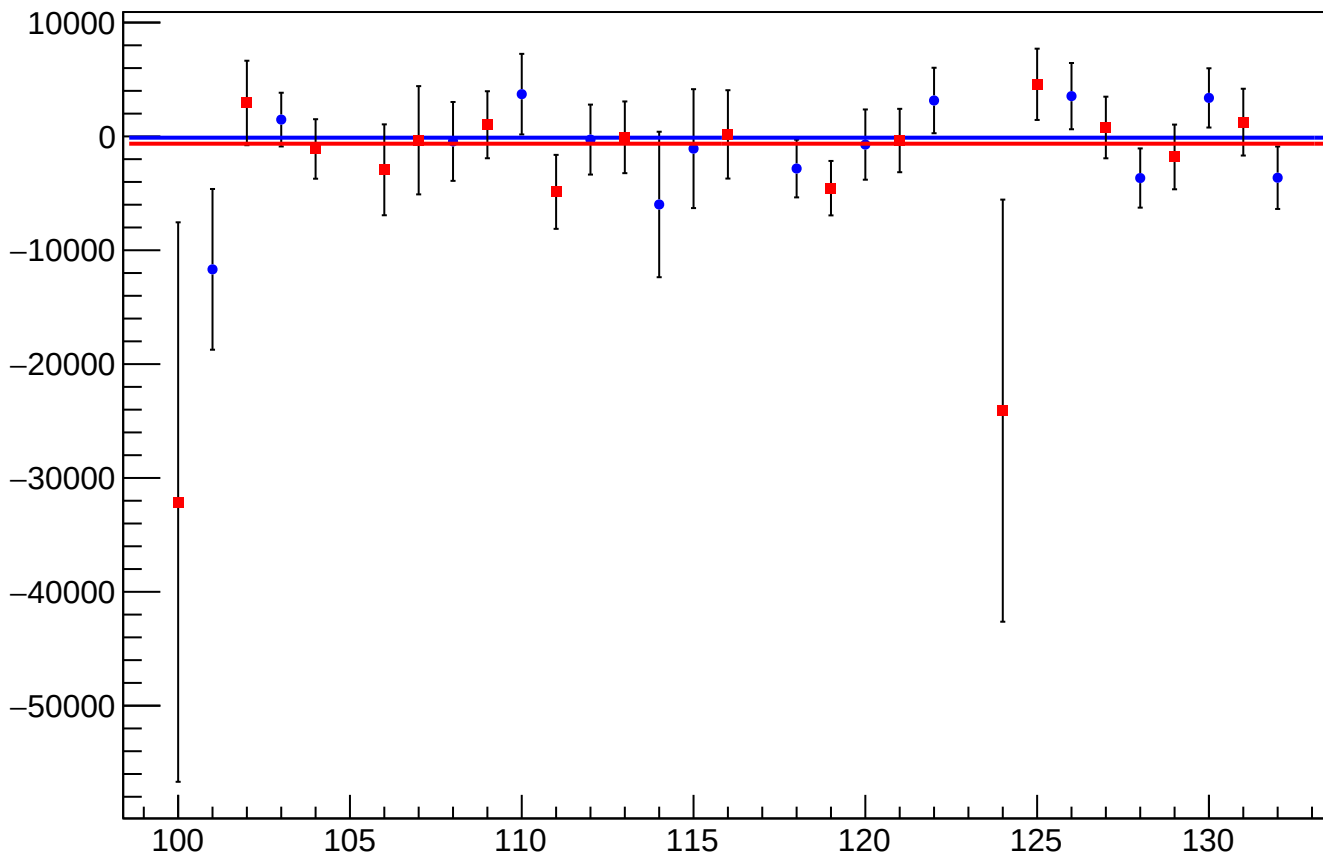
Right: 661.332+/-0.152 χ^2/NDF : 4587402.7/29

In: 721.336+/-0.228 χ^2/NDF : 1677791.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 661.332+/-0.152 χ^2/NDF : 4587402.7/29

cor_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -112.605+/-828.063 χ^2/NDF : 14.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -641.906+/-819.049 χ^2/NDF : 12.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

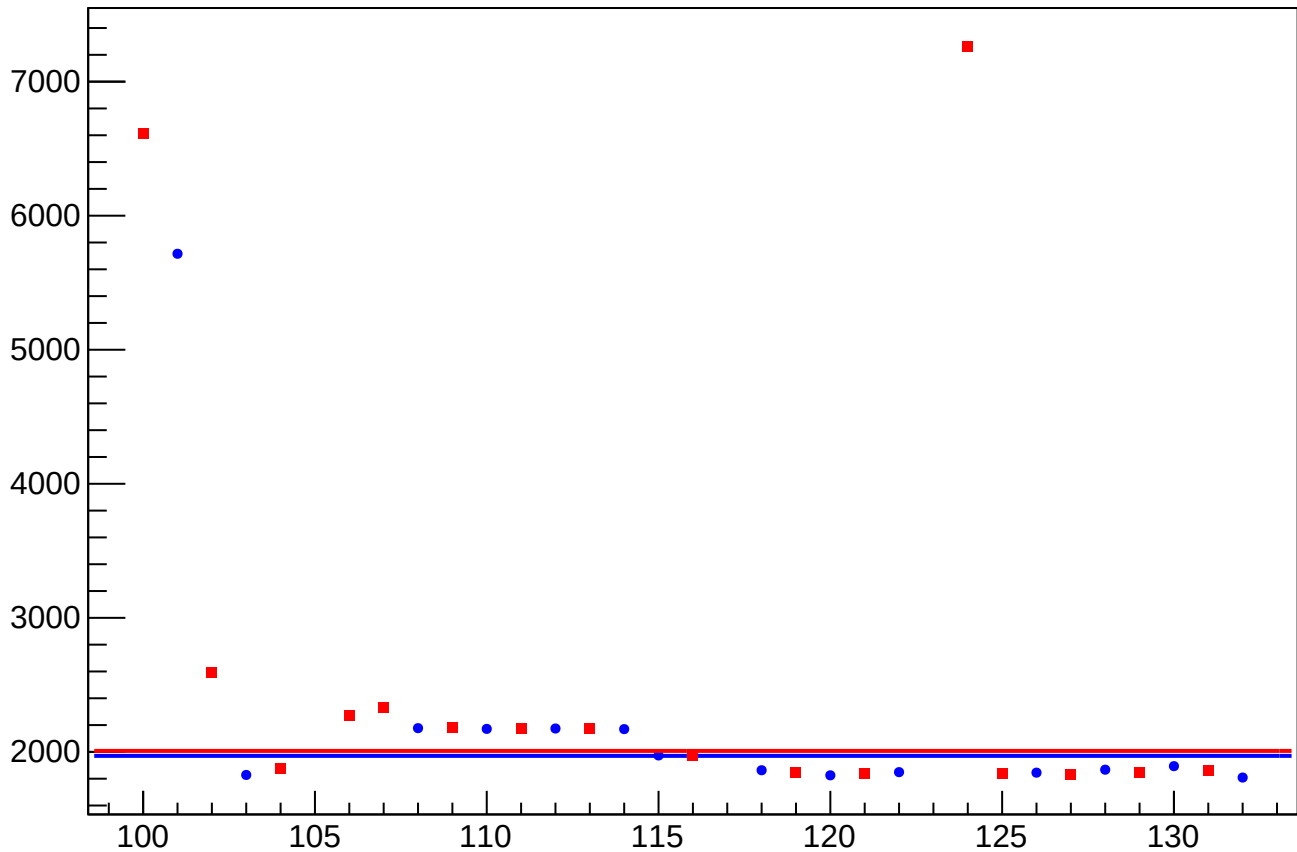
Right: -380.152+/-582.316 χ^2/NDF : 27.7/29

In: -112.605+/-828.063 χ^2/NDF :14.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -380.152+/-582.316 χ^2/NDF : 27.7/29

cor_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1970.402+/-0.586 χ^2/NDF : 621894.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2007.341+/-0.579 χ^2/NDF : 362766.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

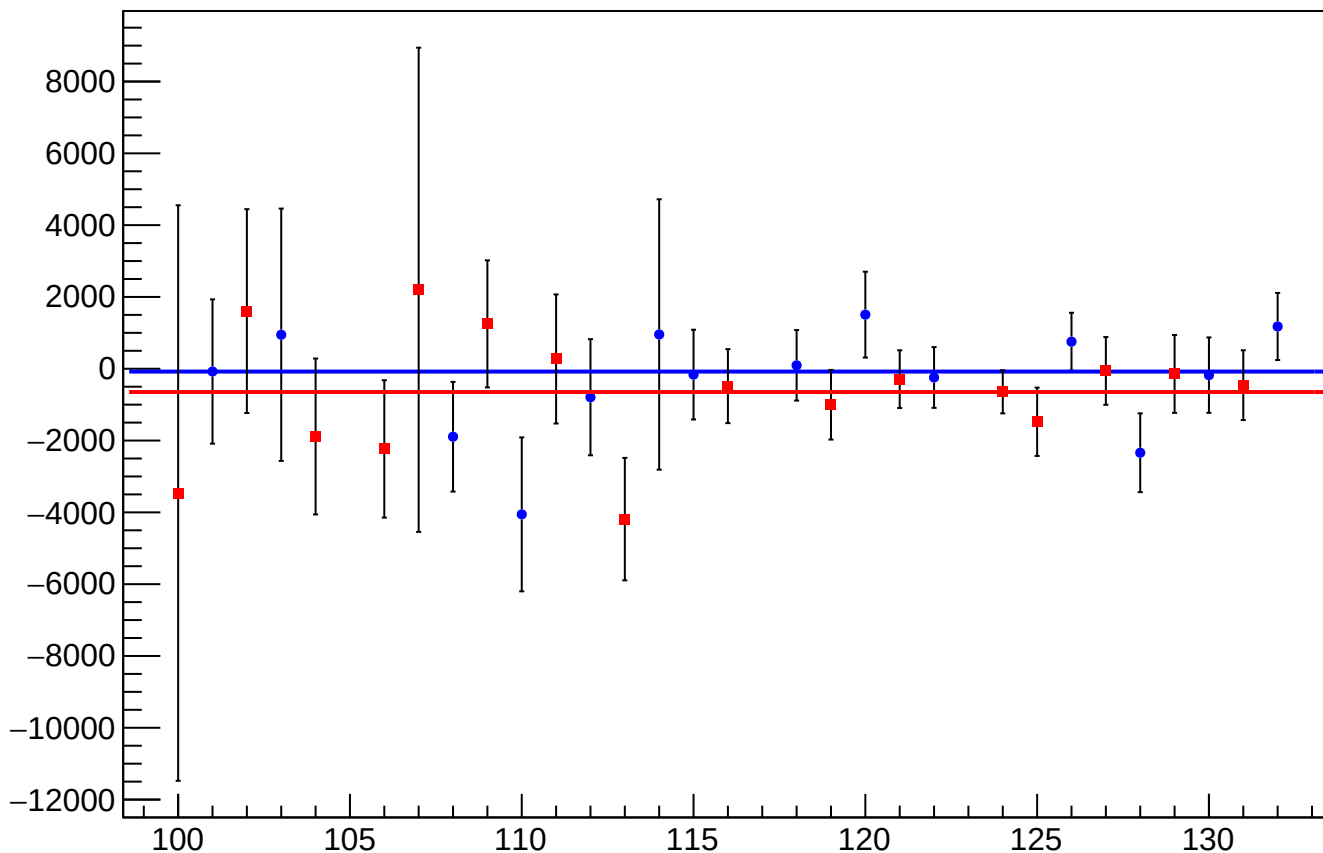
Right: 1989.074+/-0.412 χ^2/NDF : 986672.8/29

In: 1970.402+/-0.586 χ^2/NDF : 621894.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1989.074+/-0.412 χ^2/NDF : 986672.8/29

asym_at1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -78.635+/-322.300 χ^2/NDF : 14.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -648.382+/-287.665 χ^2/NDF : 9.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

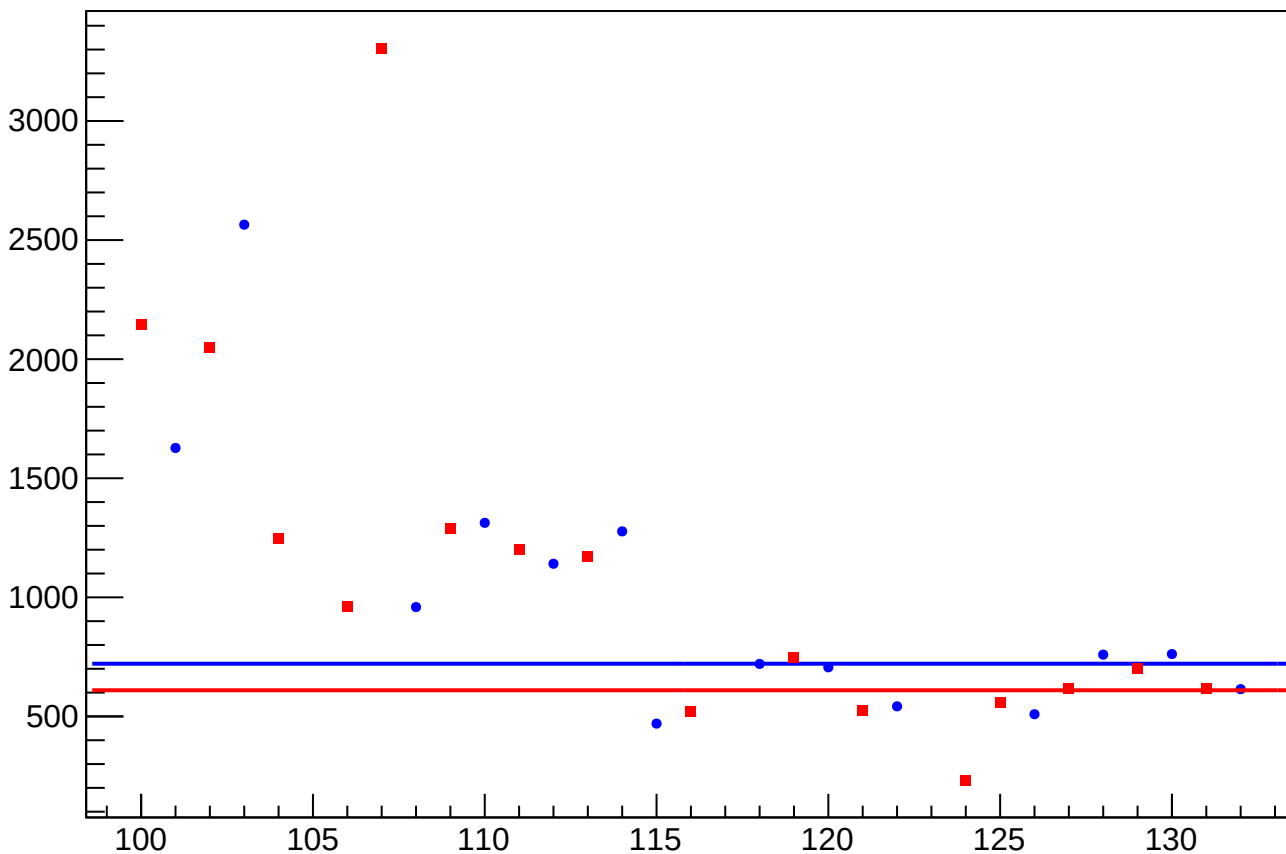
Right: -395.755+/-214.614 χ^2/NDF : 25.3/29

In: -78.635+/-322.300 χ^2/NDF :14.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -395.755+/-214.614 χ^2/NDF : 25.3/29

asym_at1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 721.325+/-0.228 χ^2/NDF : 1676934.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 609.866+/-0.203 χ^2/NDF : 2773640.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

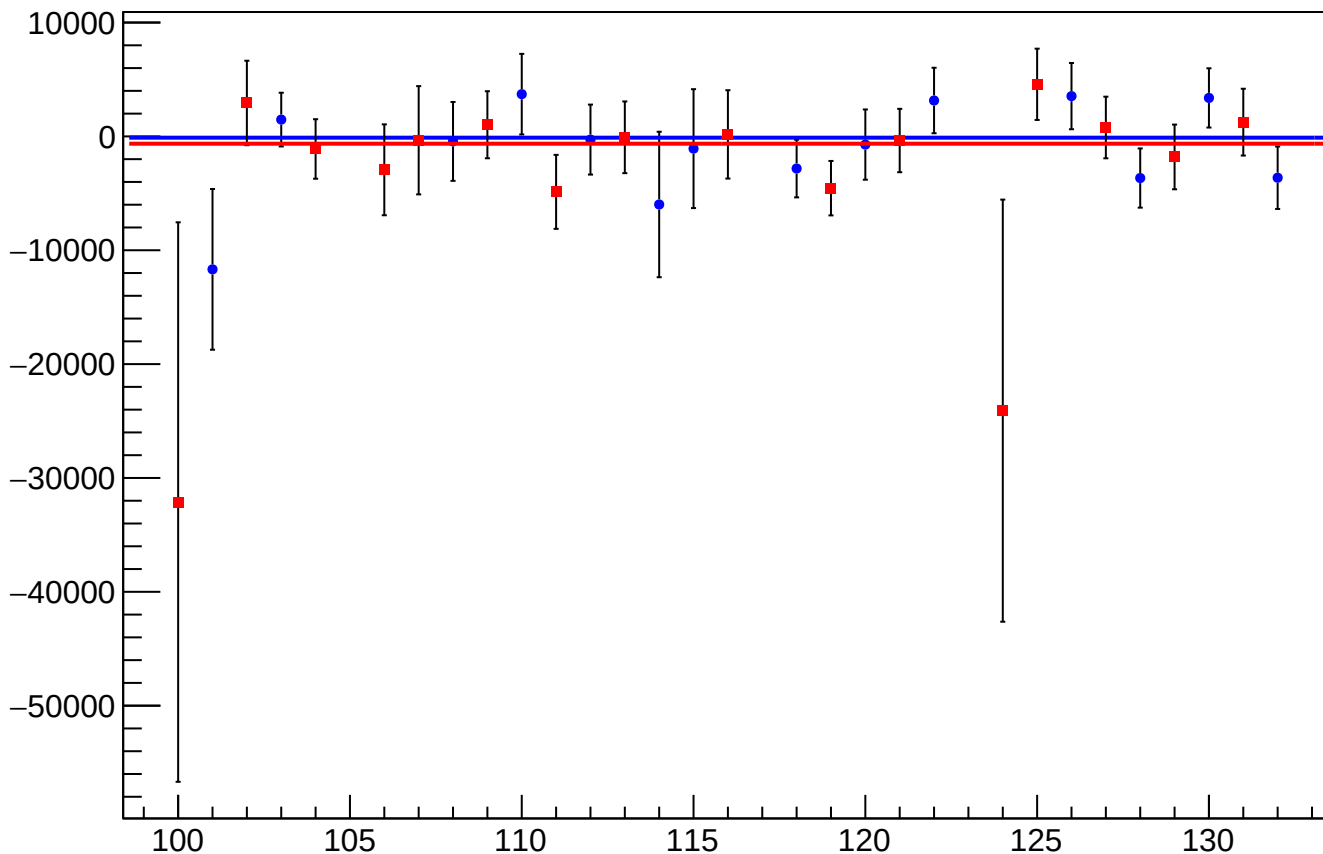
Right: 659.287+/-0.152 χ^2/NDF : 4583706.7/29

In: 721.325+/-0.228 χ^2/NDF : 1676934.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 659.287+/-0.152 χ^2/NDF : 4583706.7/29

eigen_cor_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -112.605+/-828.063 χ^2/NDF : 14.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -641.906+/-819.049 χ^2/NDF : 12.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

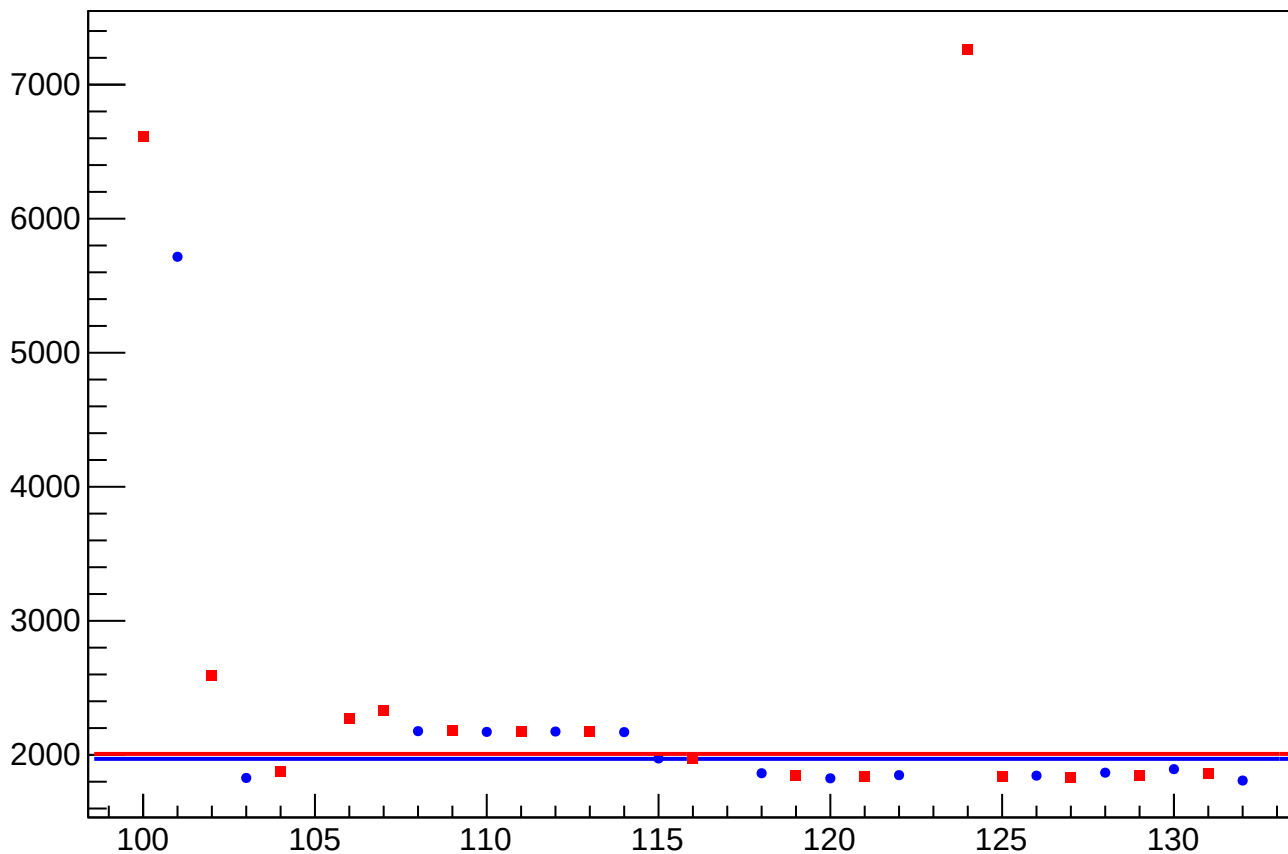
Right: -380.152+/-582.316 χ^2/NDF : 27.7/29

In: -112.605+/-828.063 χ^2/NDF : 14.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -380.152+/-582.316 χ^2/NDF : 27.7/29

eigen_cor_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1970.402+/-0.586 χ^2/NDF : 621894.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2007.341+/-0.579 χ^2/NDF : 362766.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

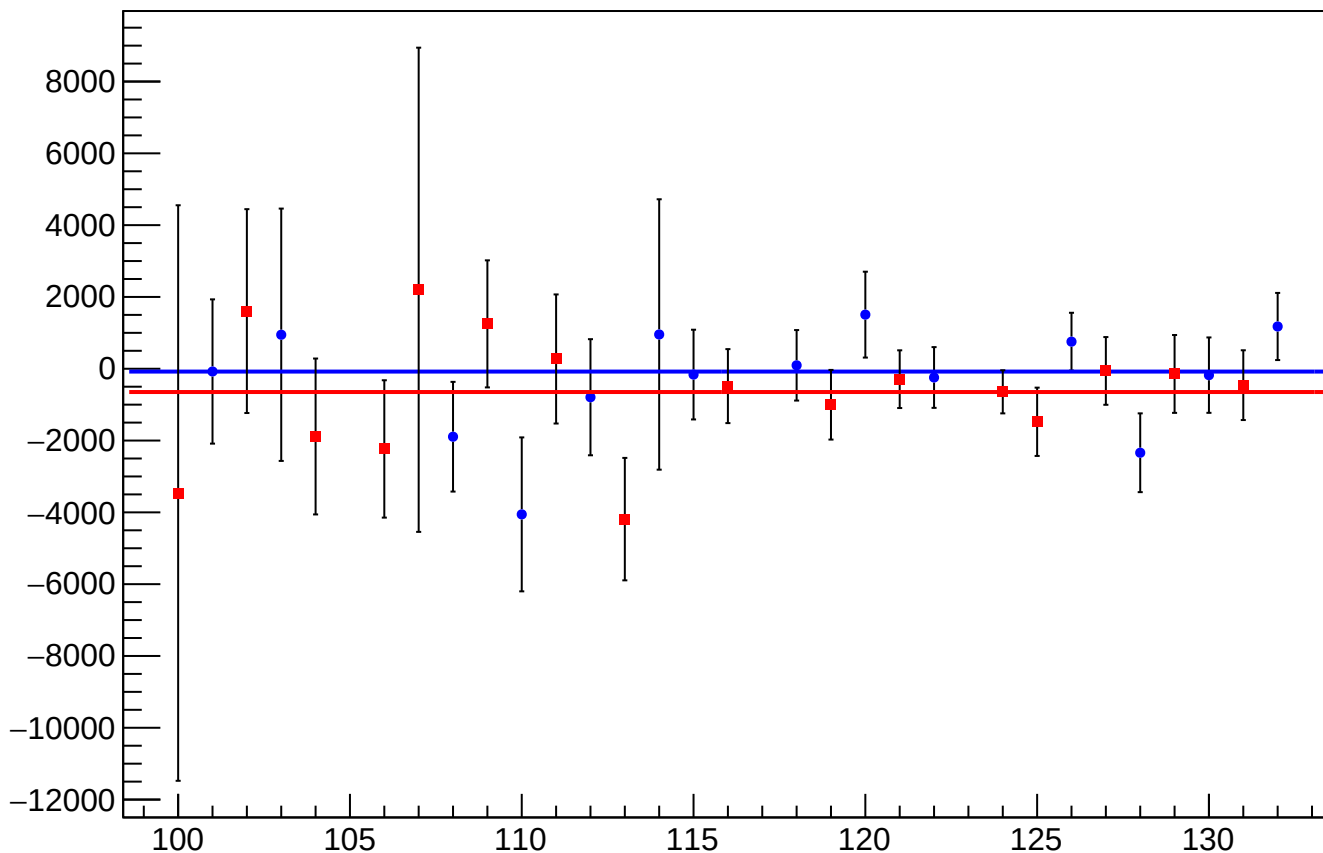
Right: 1989.074+/-0.412 χ^2/NDF : 986672.8/29

In: 1970.402+/-0.586 χ^2/NDF : 621894.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1989.074+/-0.412 χ^2/NDF : 986672.8/29

asym_at1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -78.635 ± 322.300 χ^2/NDF : 14.2/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -648.382 ± 287.665 χ^2/NDF : 9.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

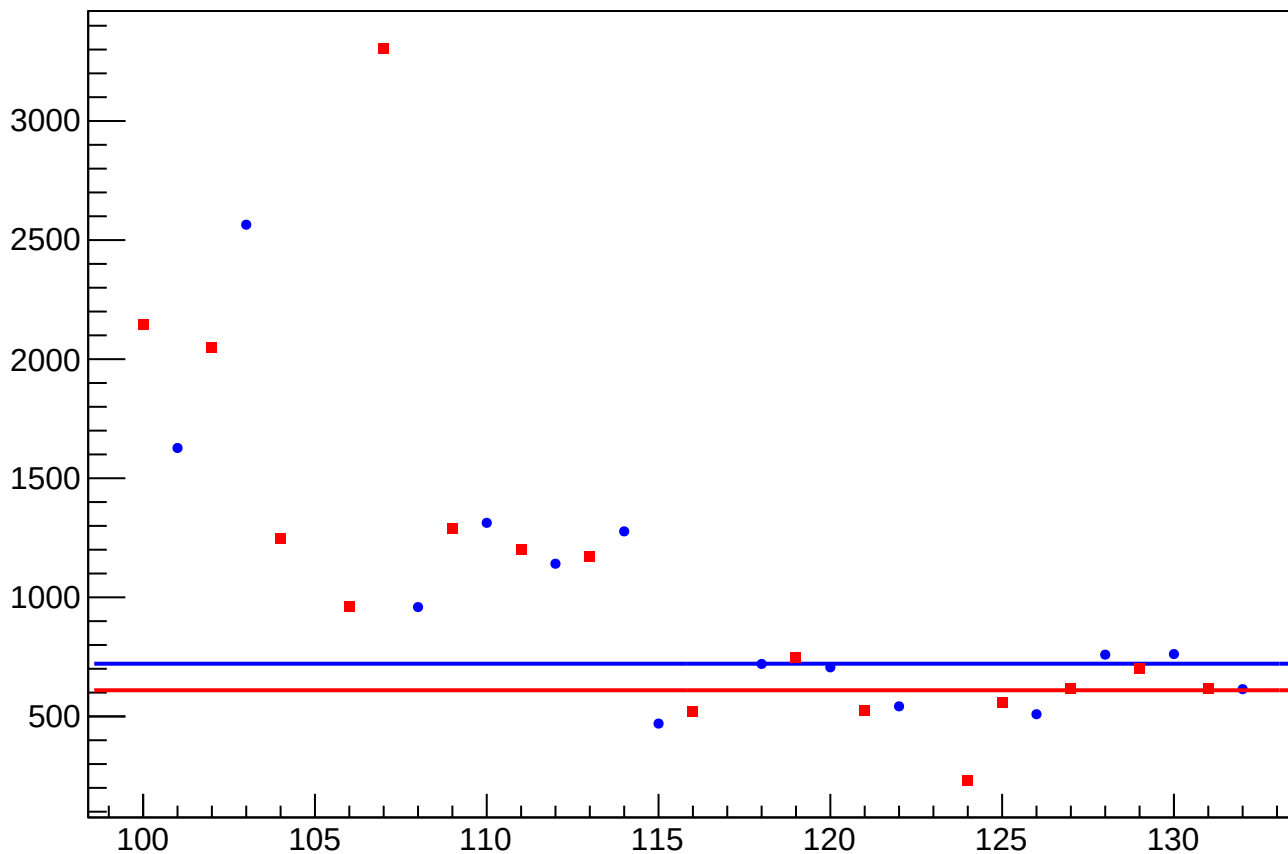
Right: -395.755 ± 214.614 χ^2/NDF : 25.3/29

In: -78.635 ± 322.300 χ^2/NDF : 14.2/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -395.755 ± 214.614 χ^2/NDF : 25.3/29

asym_at1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 721.325+/-0.228 χ^2/NDF : 1676934.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 609.866+/-0.203 χ^2/NDF : 2773640.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

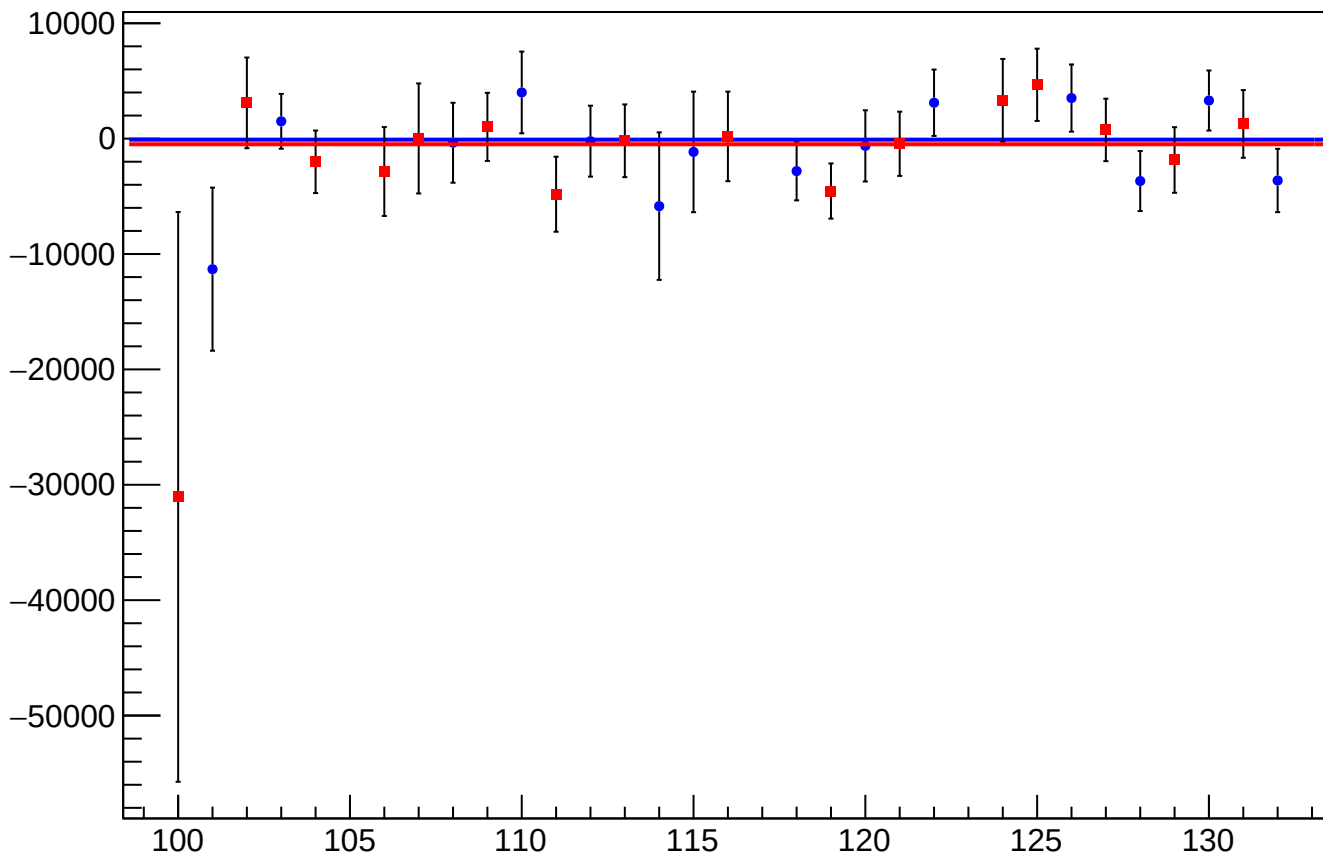
Right: 659.287+/-0.152 χ^2/NDF : 4583706.7/29

In: 721.325+/-0.228 χ^2/NDF : 1676934.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 659.287+/-0.152 χ^2/NDF : 4583706.7/29

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -88.621 ± 829.099 χ^2/NDF : 14.4/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -488.716 ± 803.176 χ^2/NDF : 12.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

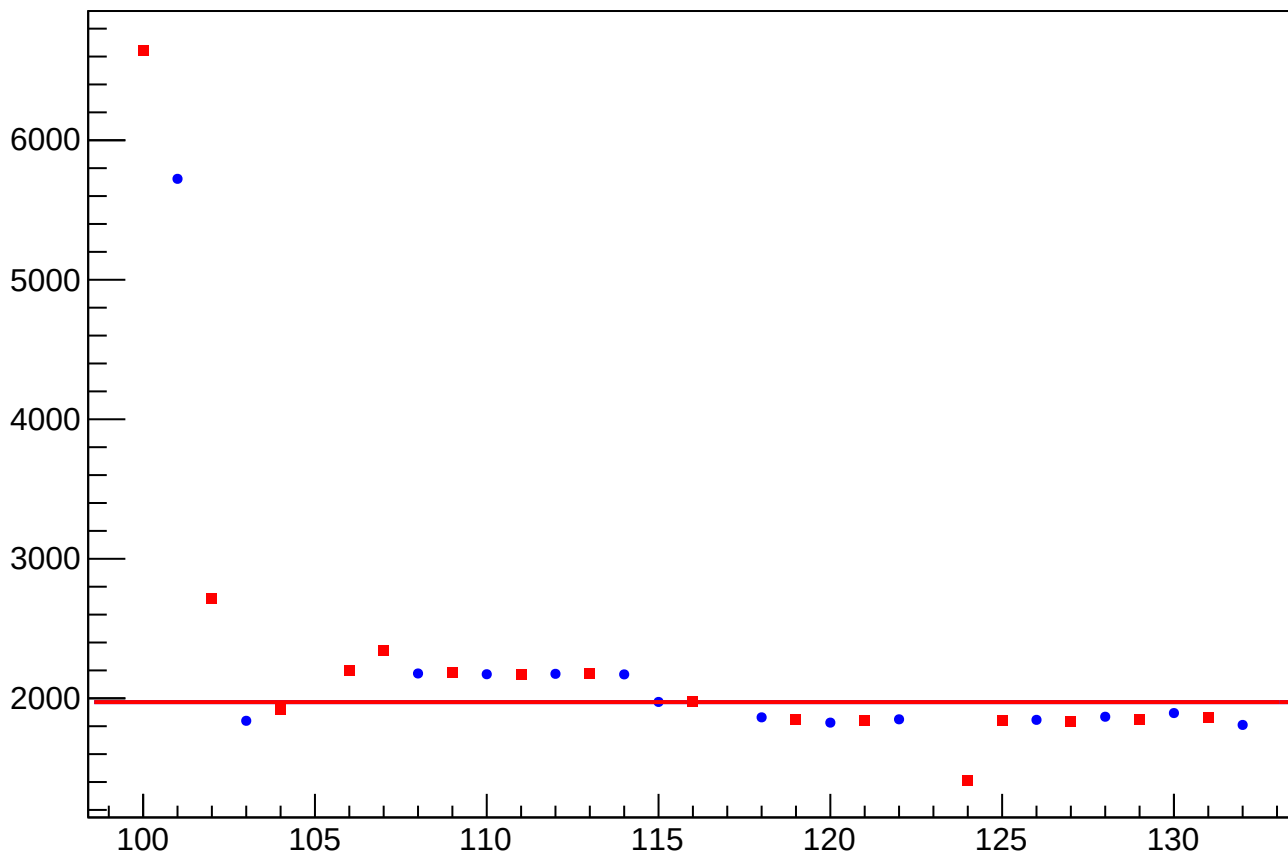
Right: -295.021 ± 576.878 χ^2/NDF : 27.1/29

In: -88.621 ± 829.099 χ^2/NDF : 14.4/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -295.021 ± 576.878 χ^2/NDF : 27.1/29

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1972.537+/-0.586 χ^2/NDF : 621476.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1972.852+/-0.568 χ^2/NDF : 262532.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

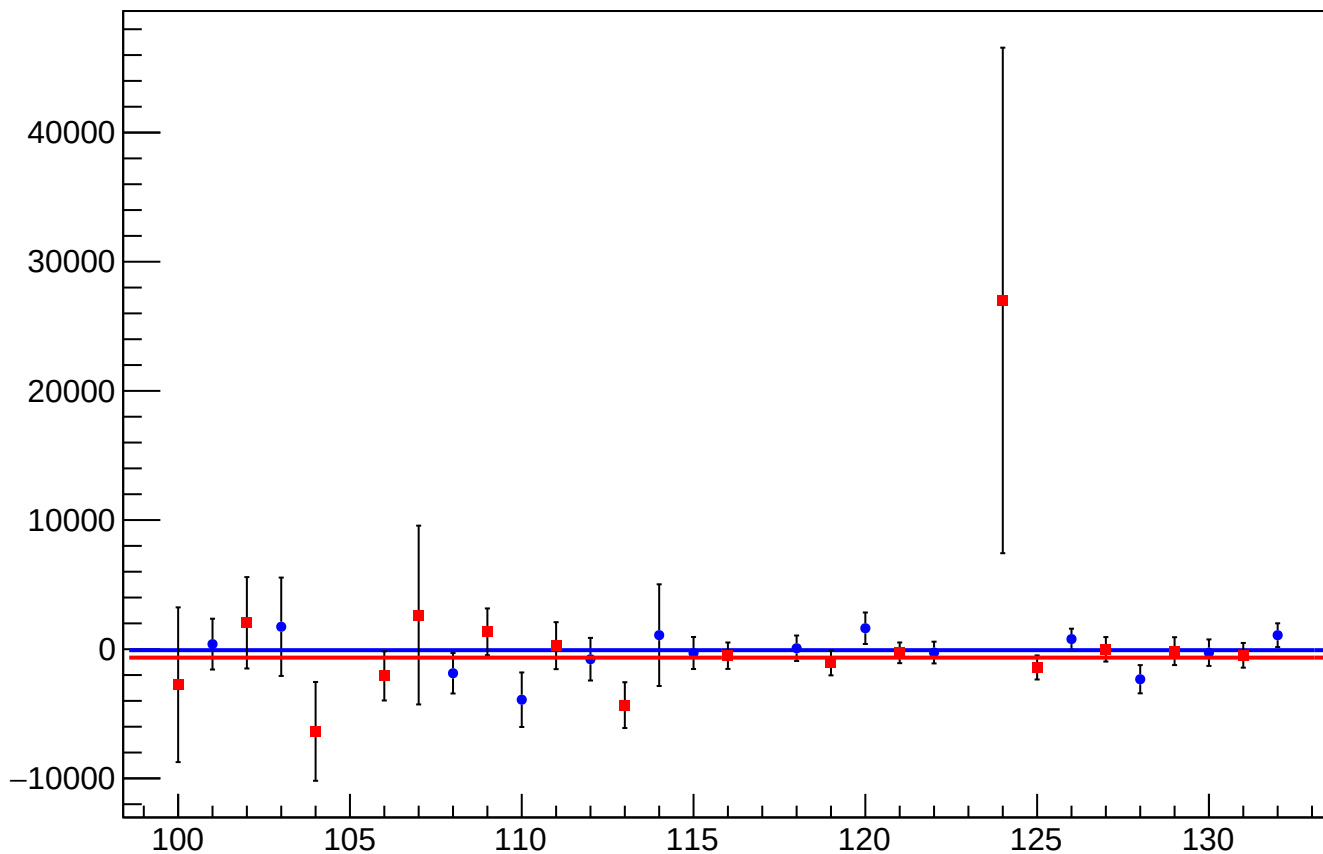
Right: 1972.700+/-0.408 χ^2/NDF : 884009.5/29

In: 1972.537+/-0.586 χ^2/NDF : 621476.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1972.700+/-0.408 χ^2/NDF : 884009.5/29

asym_at1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -74.393 ± 321.581 $\chi^2/\text{NDF}: 14.2/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -650.719 ± 330.119 $\chi^2/\text{NDF}: 13.3/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

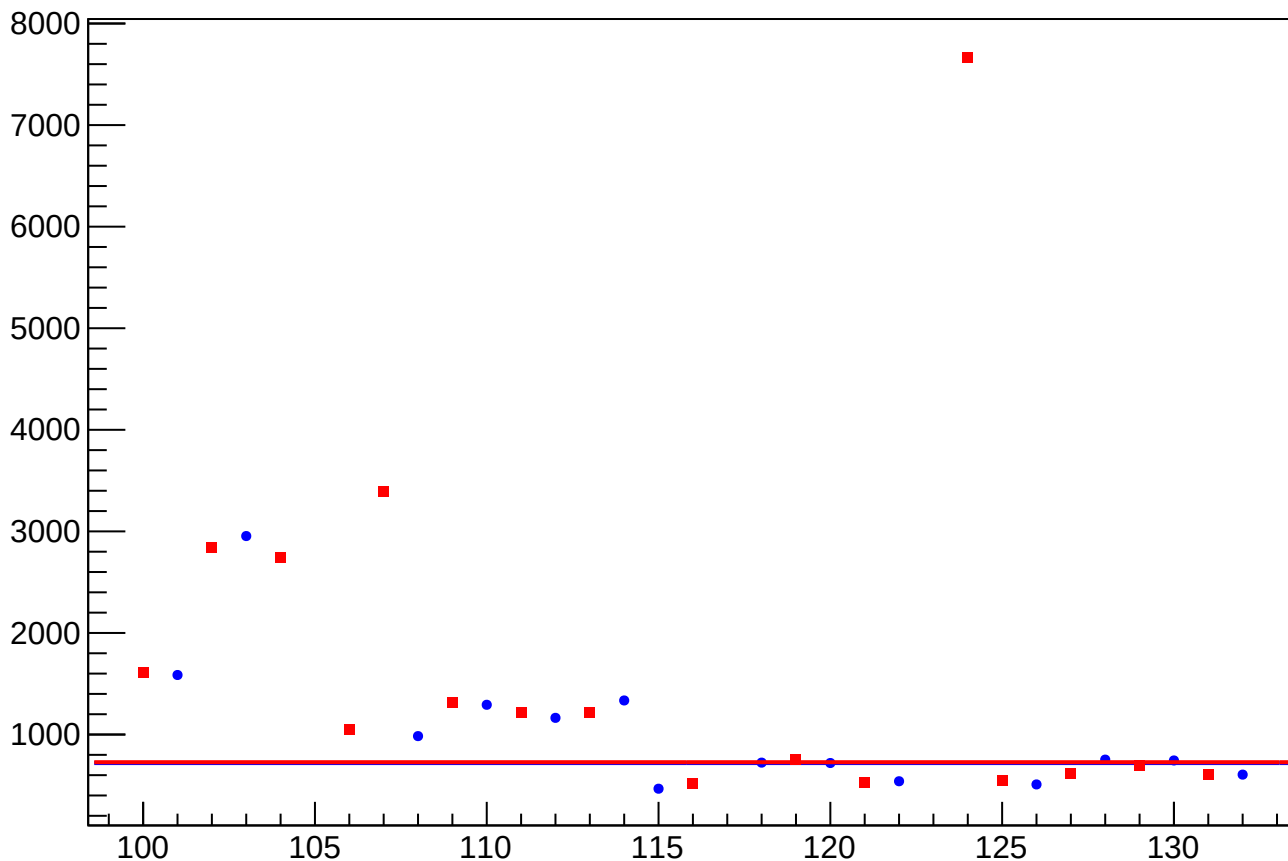
Right: -355.007 ± 230.351 $\chi^2/\text{NDF}: 29.0/29$

In: -74.393 ± 321.581 $\chi^2/\text{NDF}: 14.2/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -355.007 ± 230.351 $\chi^2/\text{NDF}: 29.0/29$

asym_at1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 719.094+/-0.227 χ^2/NDF : 1821821.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 727.706+/-0.233 χ^2/NDF : 2779392.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

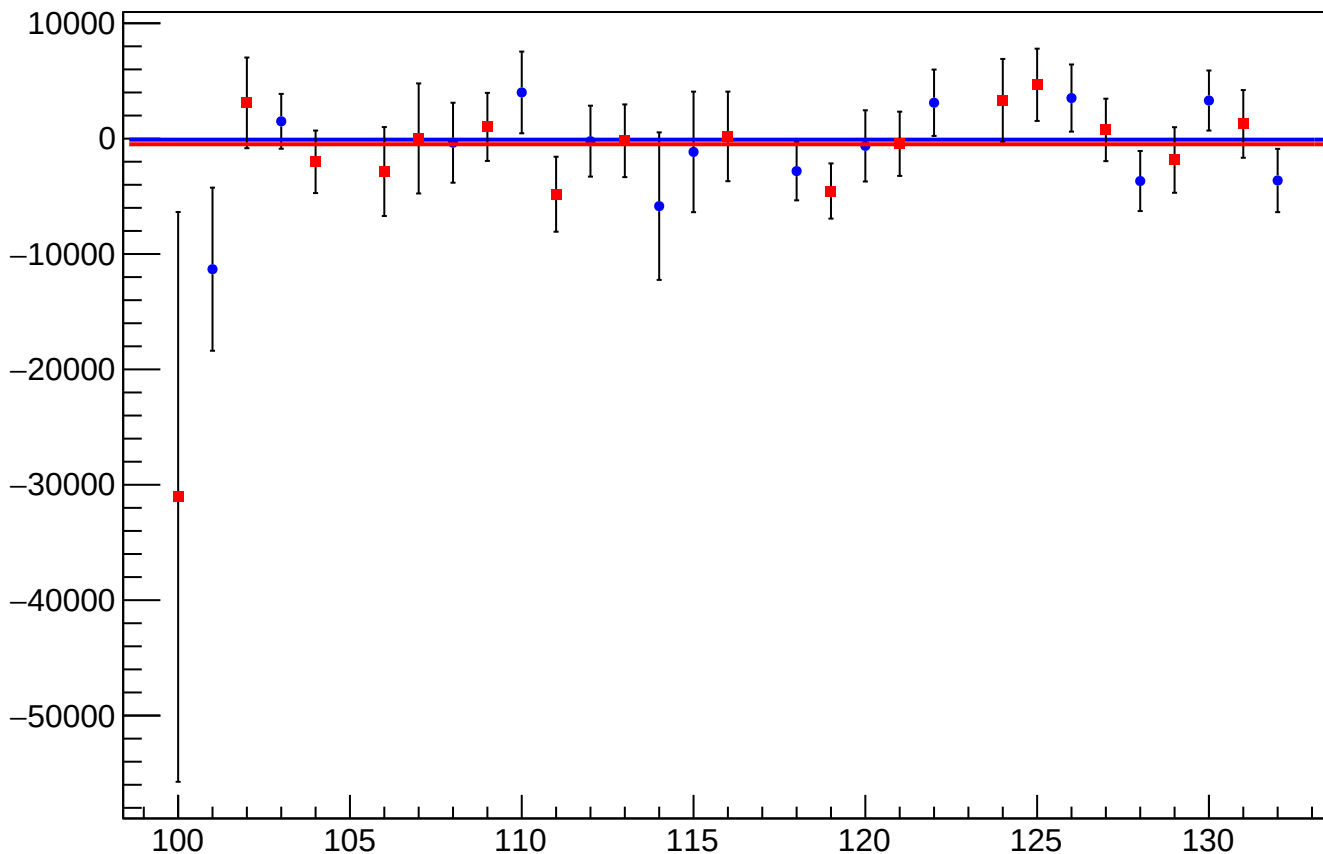
Right: 723.287+/-0.163 χ^2/NDF : 4601912.9/29

In: 719.094+/-0.227 χ^2/NDF : 1821821.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 723.287+/-0.163 χ^2/NDF : 4601912.9/29

eigen_dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -88.622 ± 829.099 $\chi^2/\text{NDF}: 14.4/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -488.717 ± 803.176 $\chi^2/\text{NDF}: 12.6/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

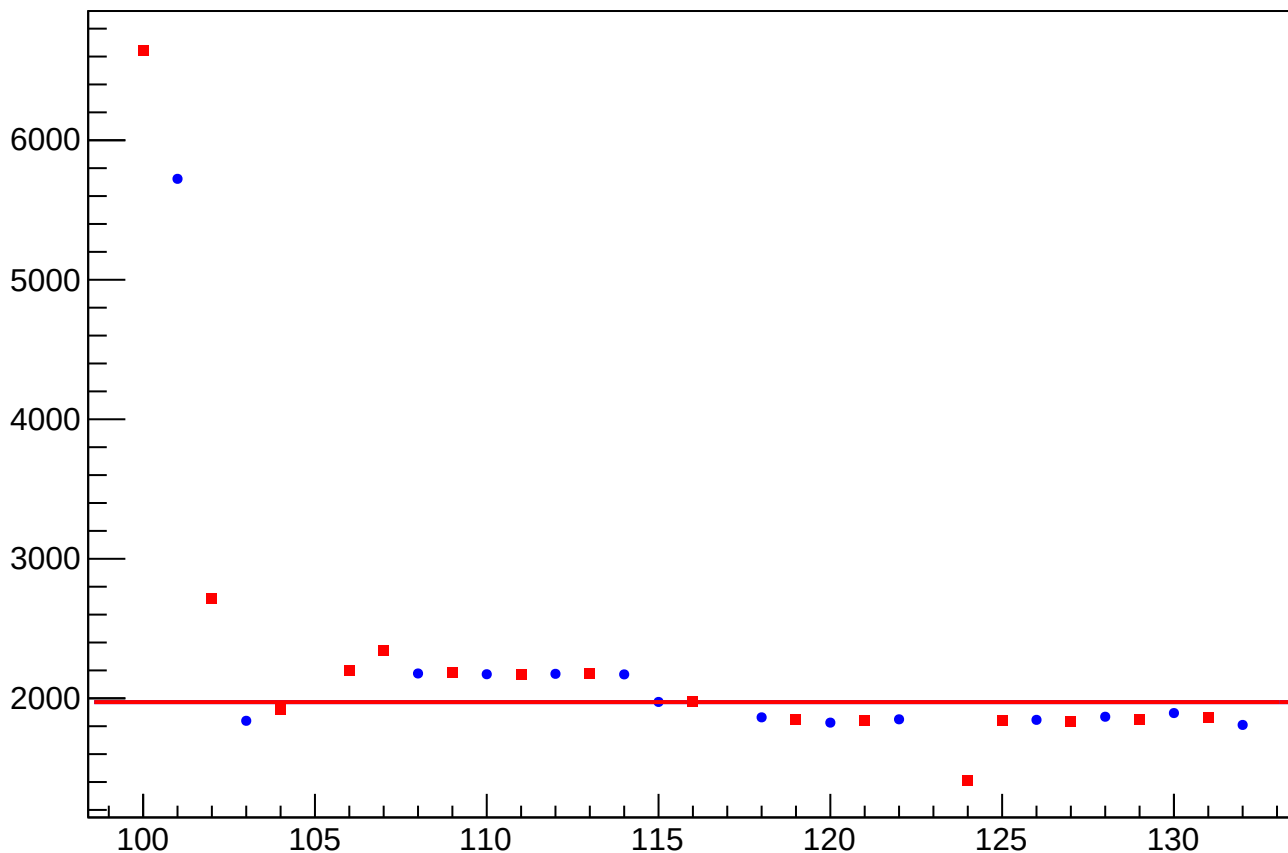
Right: -295.022 ± 576.878 $\chi^2/\text{NDF}: 27.1/29$

In: -88.622 ± 829.099 $\chi^2/\text{NDF}: 14.4/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -295.022 ± 576.878 $\chi^2/\text{NDF}: 27.1/29$

eigen_dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1972.537+/-0.586 χ^2/NDF : 621476.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1972.852+/-0.568 χ^2/NDF : 262532.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

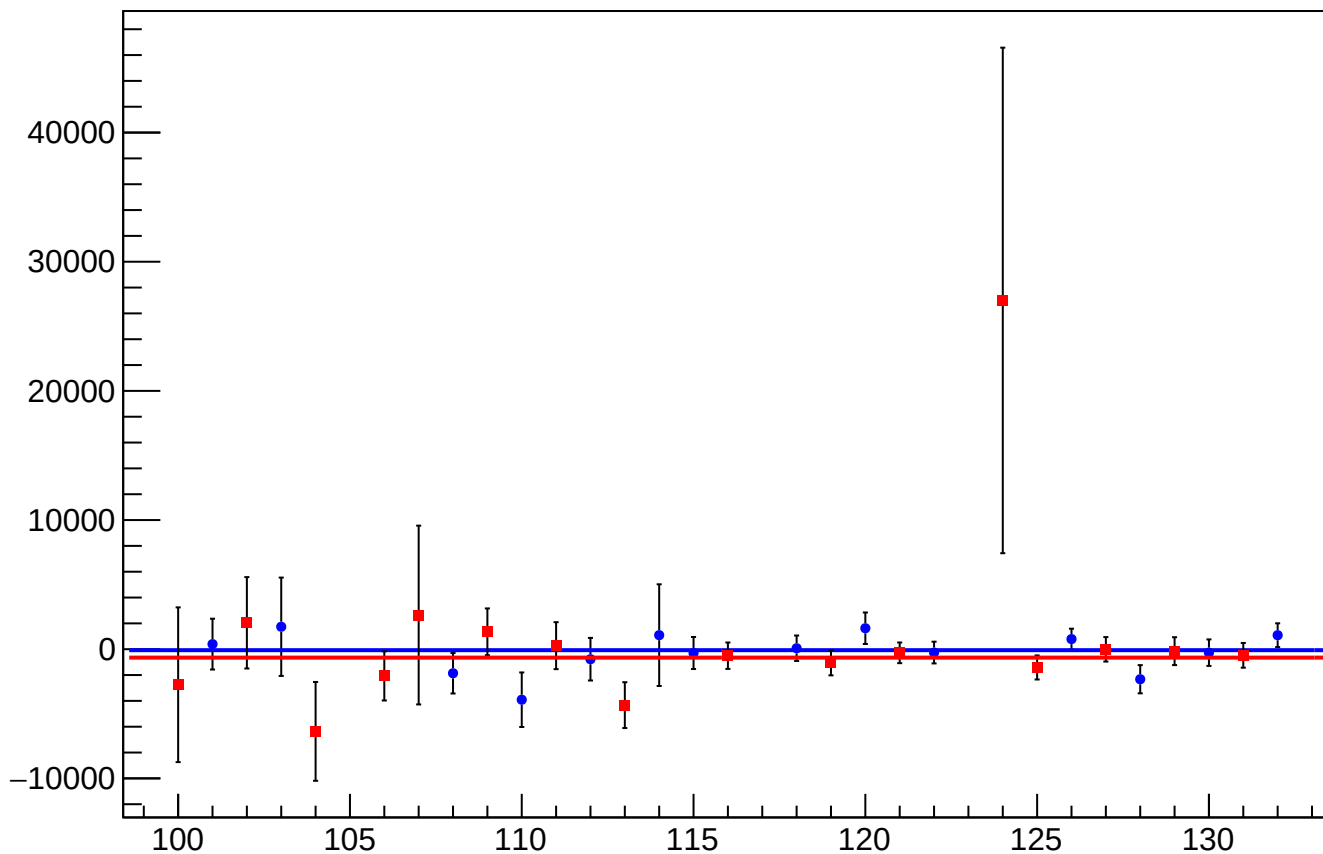
Right: 1972.700+/-0.408 χ^2/NDF : 884009.4/29

In: 1972.537+/-0.586 χ^2/NDF : 621476.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1972.700+/-0.408 χ^2/NDF : 884009.4/29

asym_at1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -74.395 ± 321.581 χ^2/NDF : 14.2/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -650.719 ± 330.119 χ^2/NDF : 13.3/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

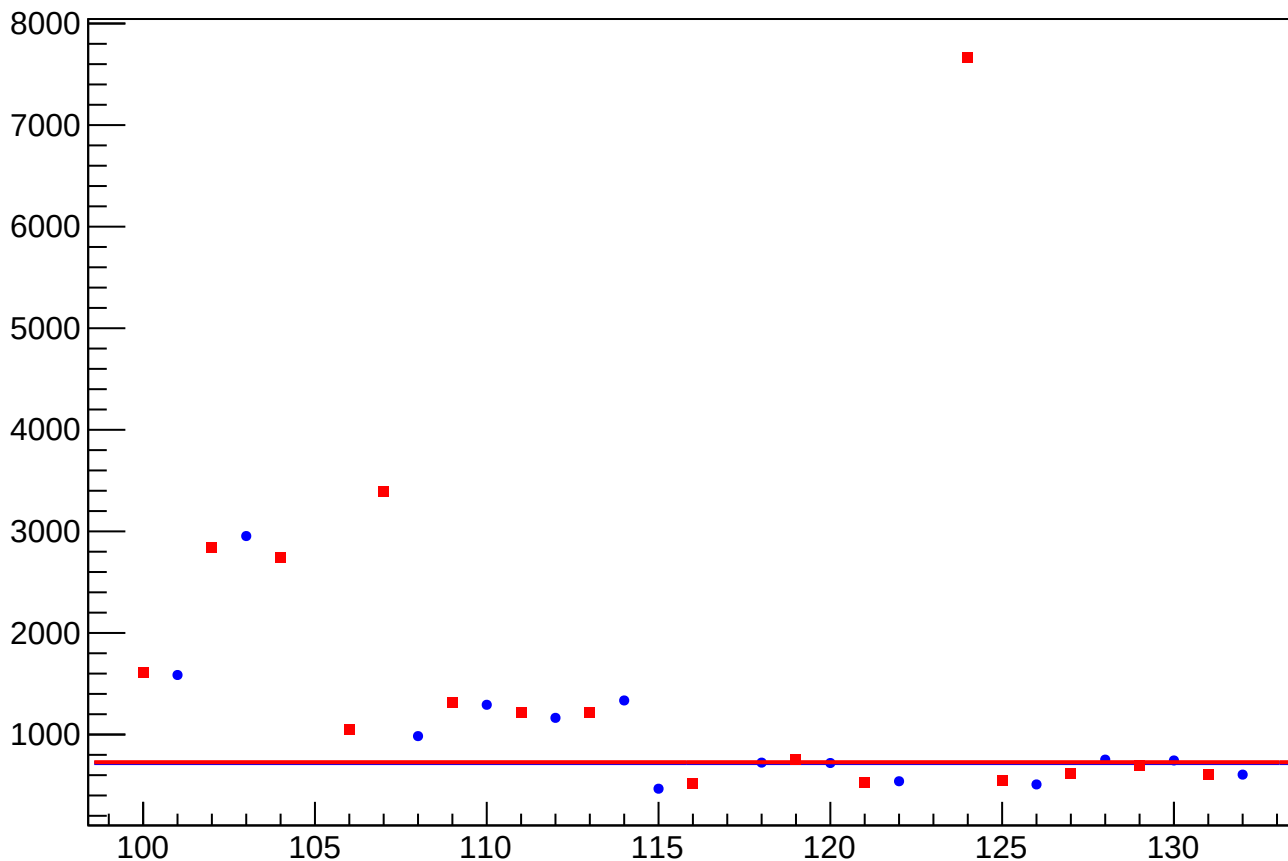
Right: -355.008 ± 230.351 χ^2/NDF : 29.0/29

In: -74.395 ± 321.581 χ^2/NDF : 14.2/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -355.008 ± 230.351 χ^2/NDF : 29.0/29

asym_at1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 719.094+/-0.227 χ^2/NDF : 1821820.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 727.706+/-0.233 χ^2/NDF : 2779393.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

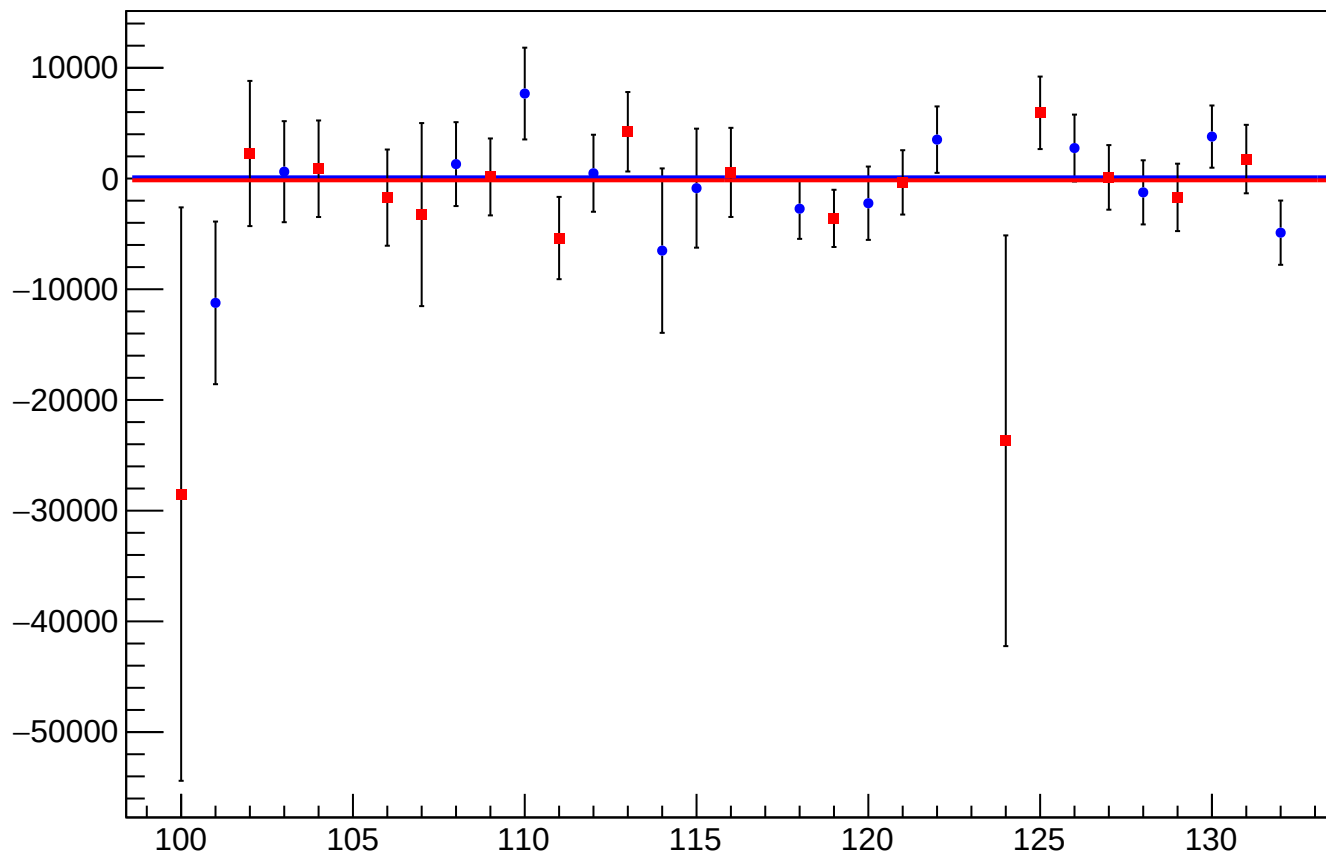
Right: 723.287+/-0.163 χ^2/NDF : 4601912.1/29

In: 719.094+/-0.227 χ^2/NDF : 1821820.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 723.287+/-0.163 χ^2/NDF : 4601912.1/29

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 106.924+/-936.200 χ^2/NDF : 15.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -159.734+/-939.101 χ^2/NDF : 12.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

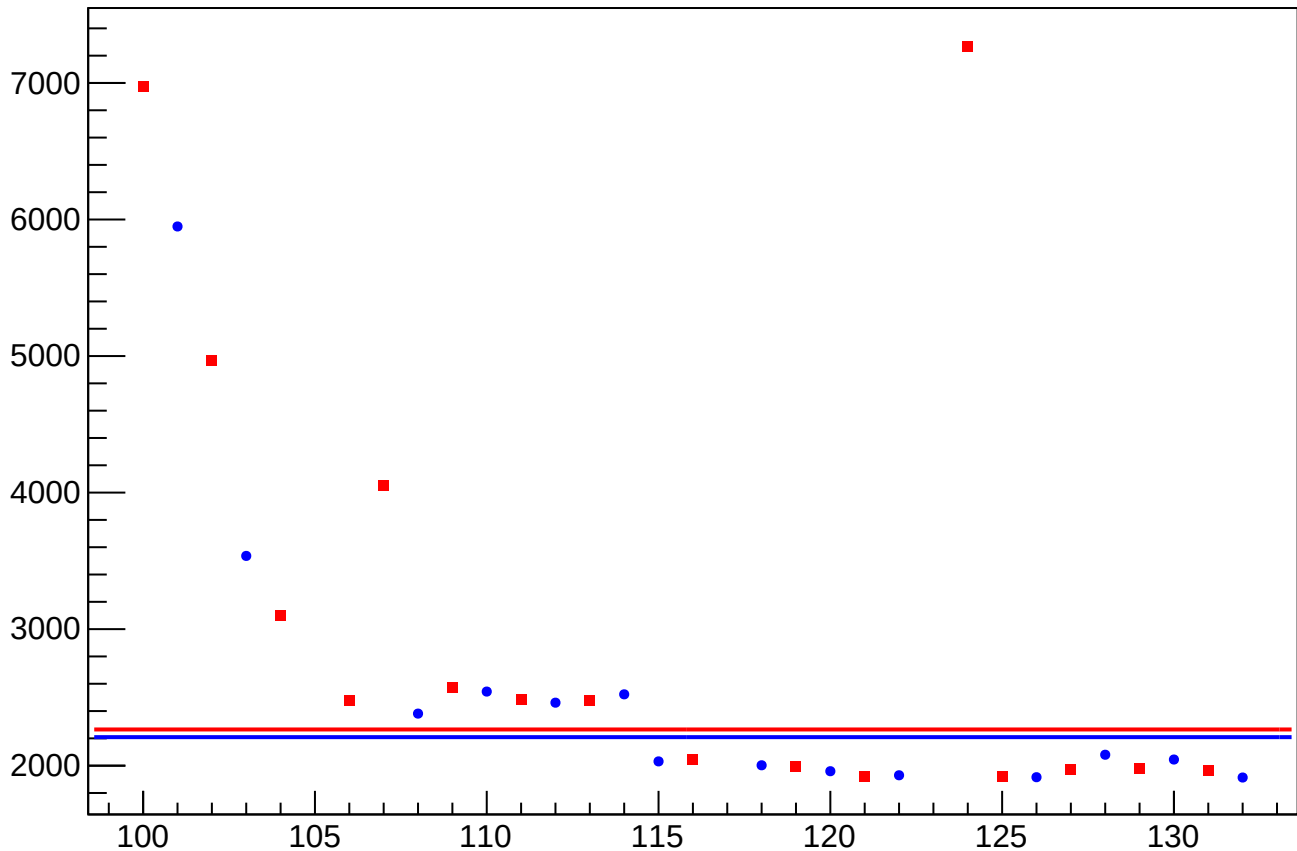
Right: -25.992+/-663.017 χ^2/NDF : 27.9/29

In: 106.924+/-936.200 χ^2/NDF : 15.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.992+/-663.017 χ^2/NDF : 27.9/29

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2208.966+/-0.662 χ^2/NDF : 811575.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2265.221+/-0.664 χ^2/NDF : 886810.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

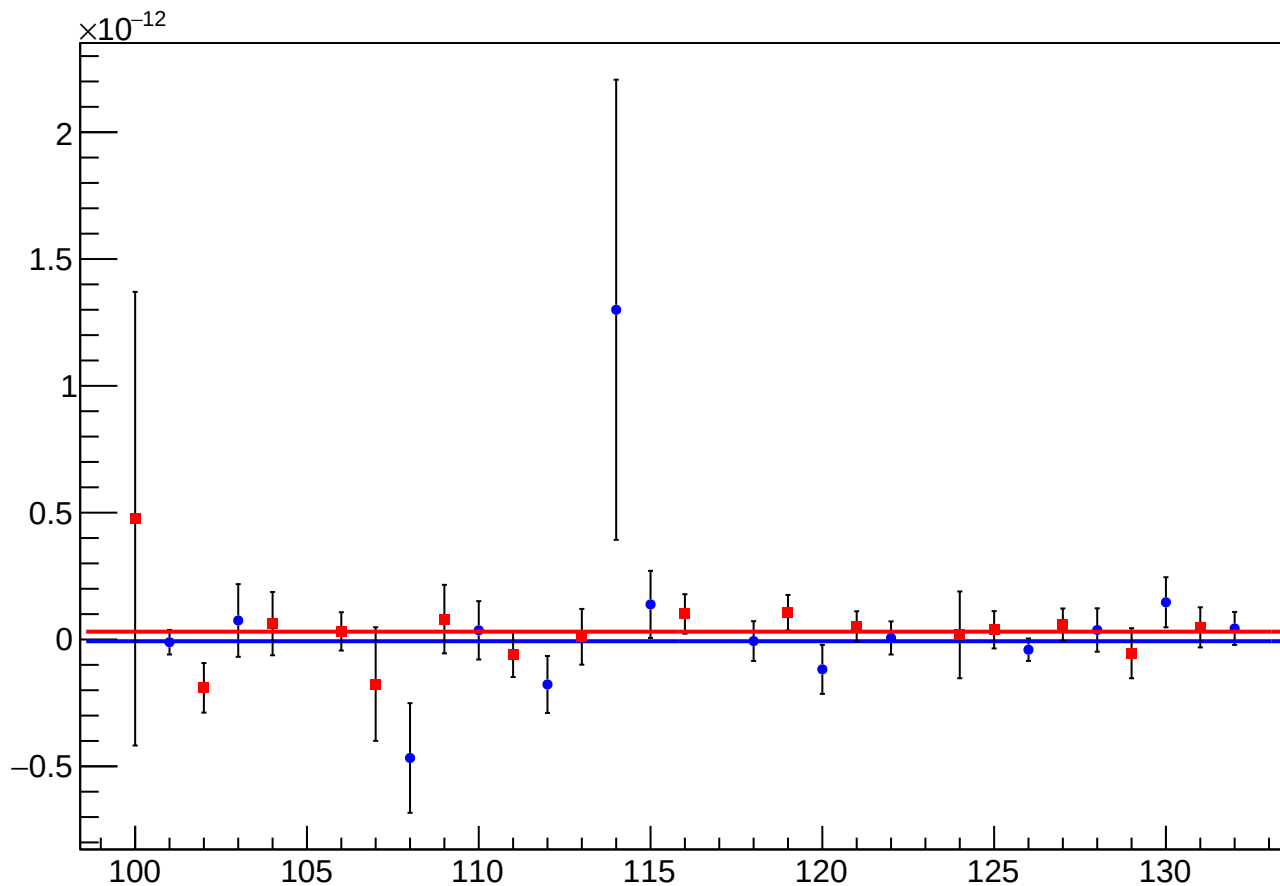
Right: 2237.007+/-0.469 χ^2/NDF : 1701985.7/29

In: 2208.966+/-0.662 χ^2/NDF : 811575.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2237.007+/-0.469 χ^2/NDF : 1701985.7/29

asym_at1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

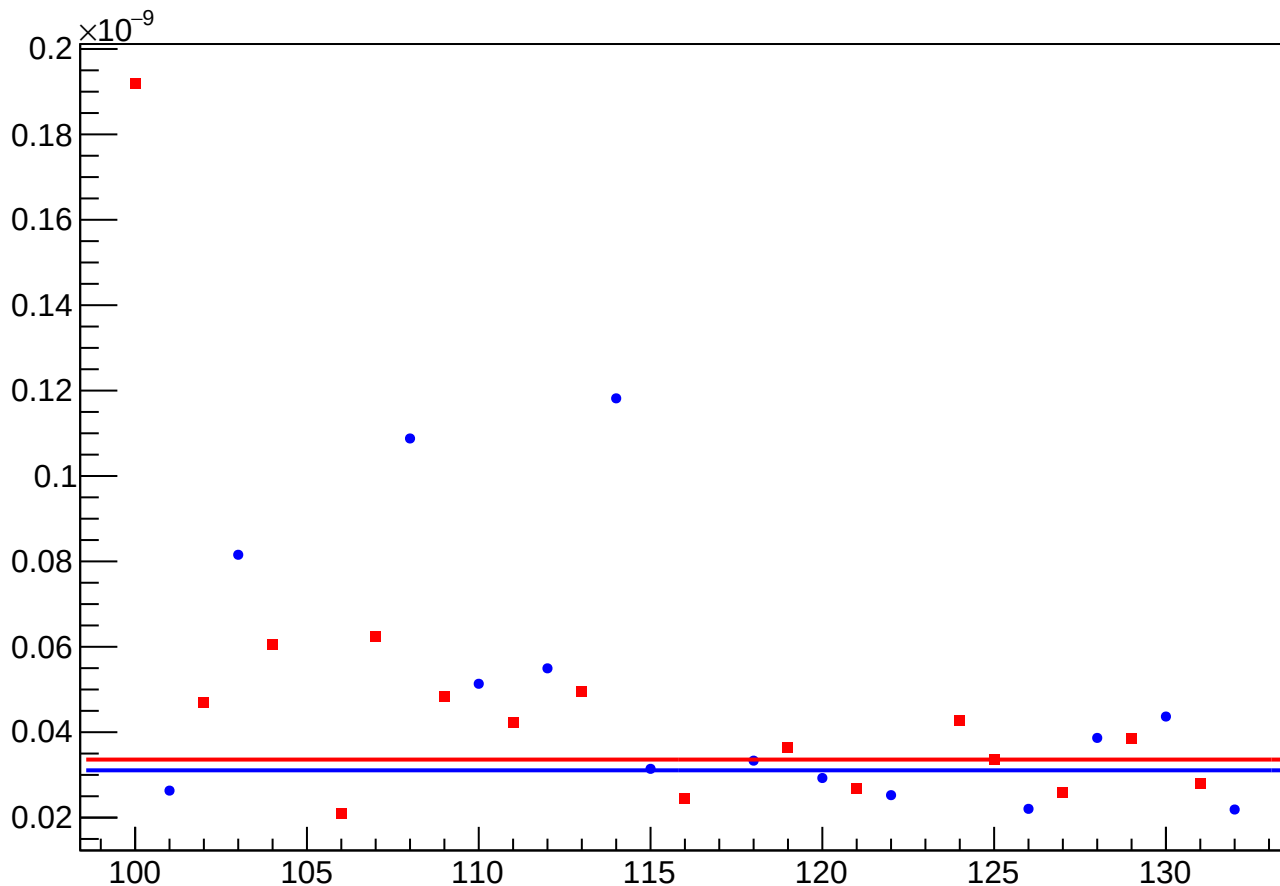
Right: 0.000+/-0.000 χ^2/NDF : 27.8/29

In: -0.000+/-0.000 χ^2/NDF : 15.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.8/29

asym_at1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 887027.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 476774.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

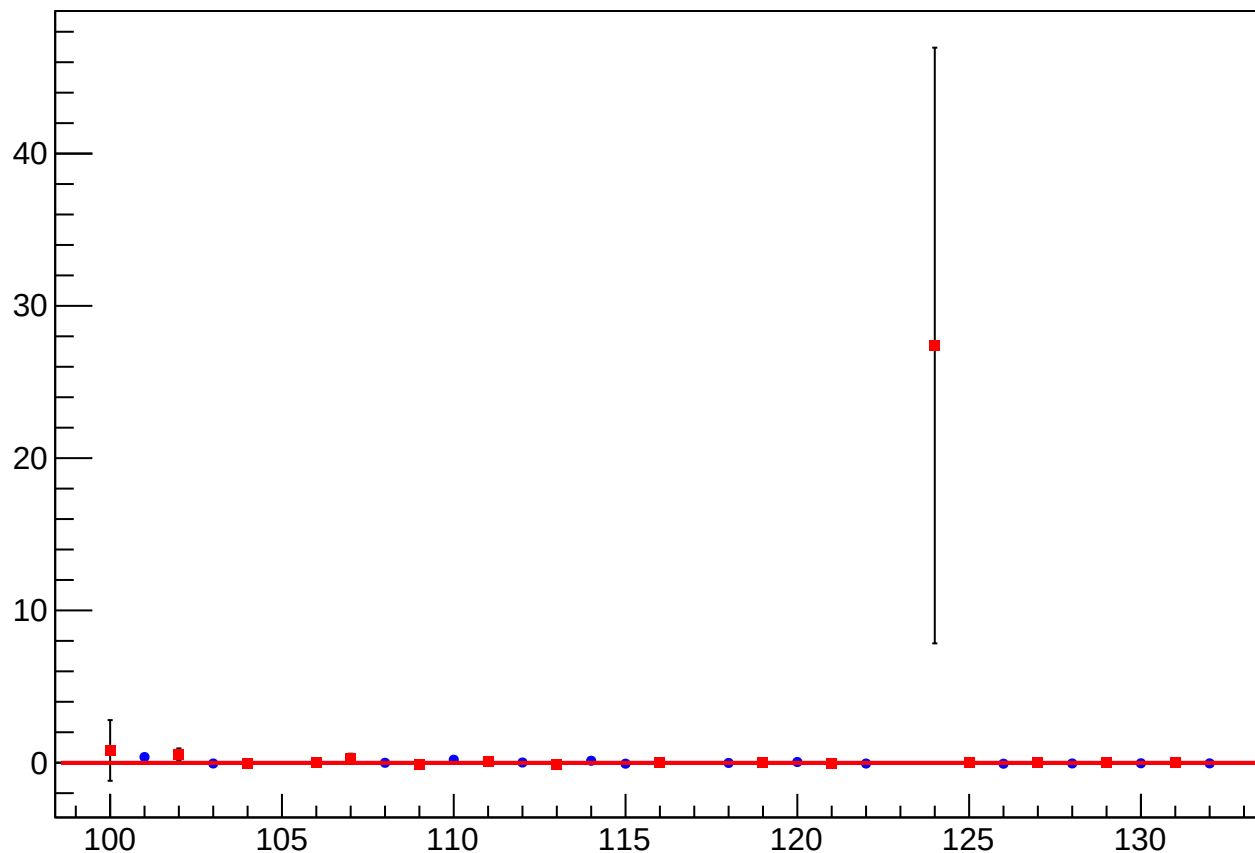
Right: 0.000+/-0.000 χ^2/NDF : 1377128.5/29

In: 0.000+/-0.000 χ^2/NDF : 887027.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1377128.5/29

asym_at1_dd_dit_vs_slug_Sign_Corrected



Right In: -0.013 $\pm$ 0.017 χ^2 /NDF: 17.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.013 $\pm$ 0.017 χ^2 /NDF: 11.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

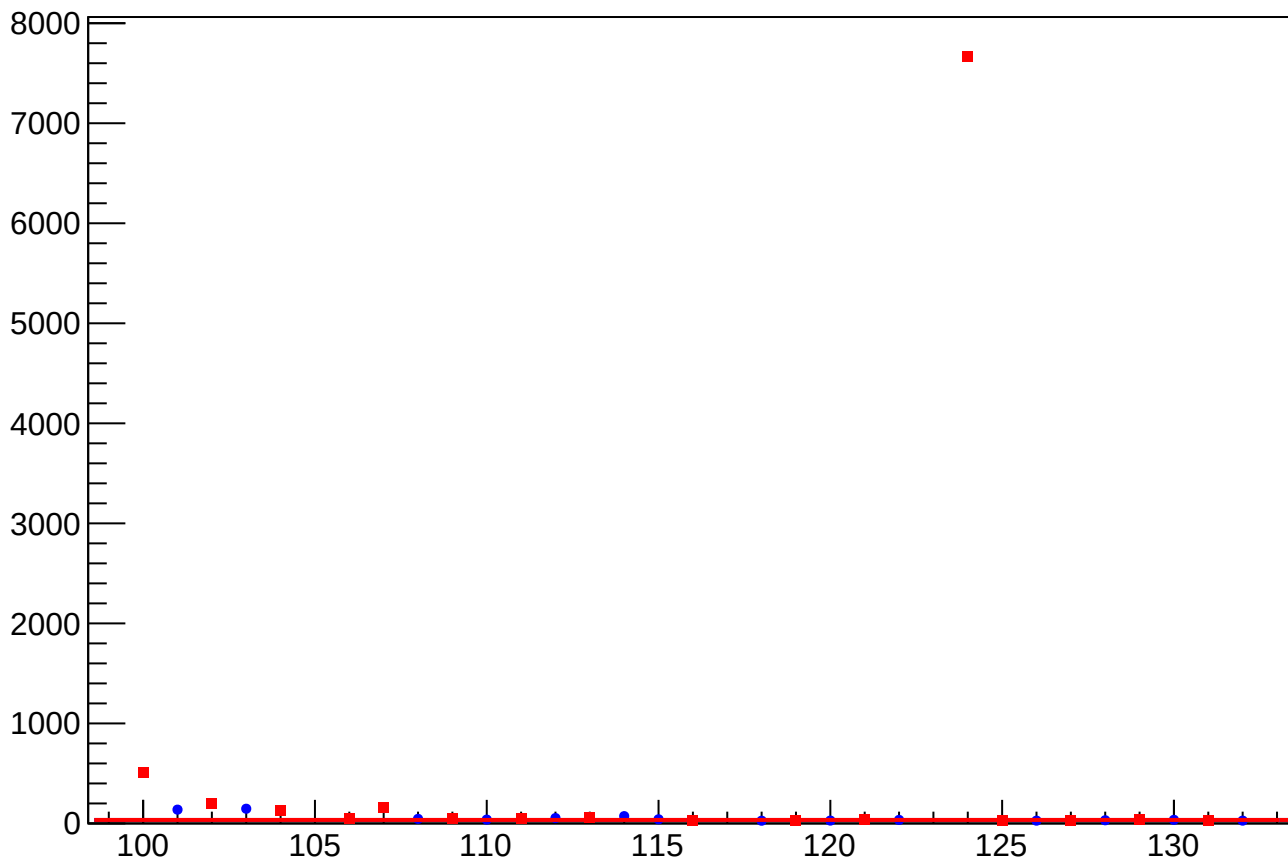
Right: -0.013 $\pm$ 0.012 χ^2 /NDF: 29.4/29

In: -0.013 $\pm$ 0.017 χ^2 /NDF:17.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.012 χ^2 /NDF: 29.4/29

asym_at1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.708+/-0.012 χ^2 /NDF: 1692287.3/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 35.137+/-0.012 χ^2 /NDF: 1953348.6/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

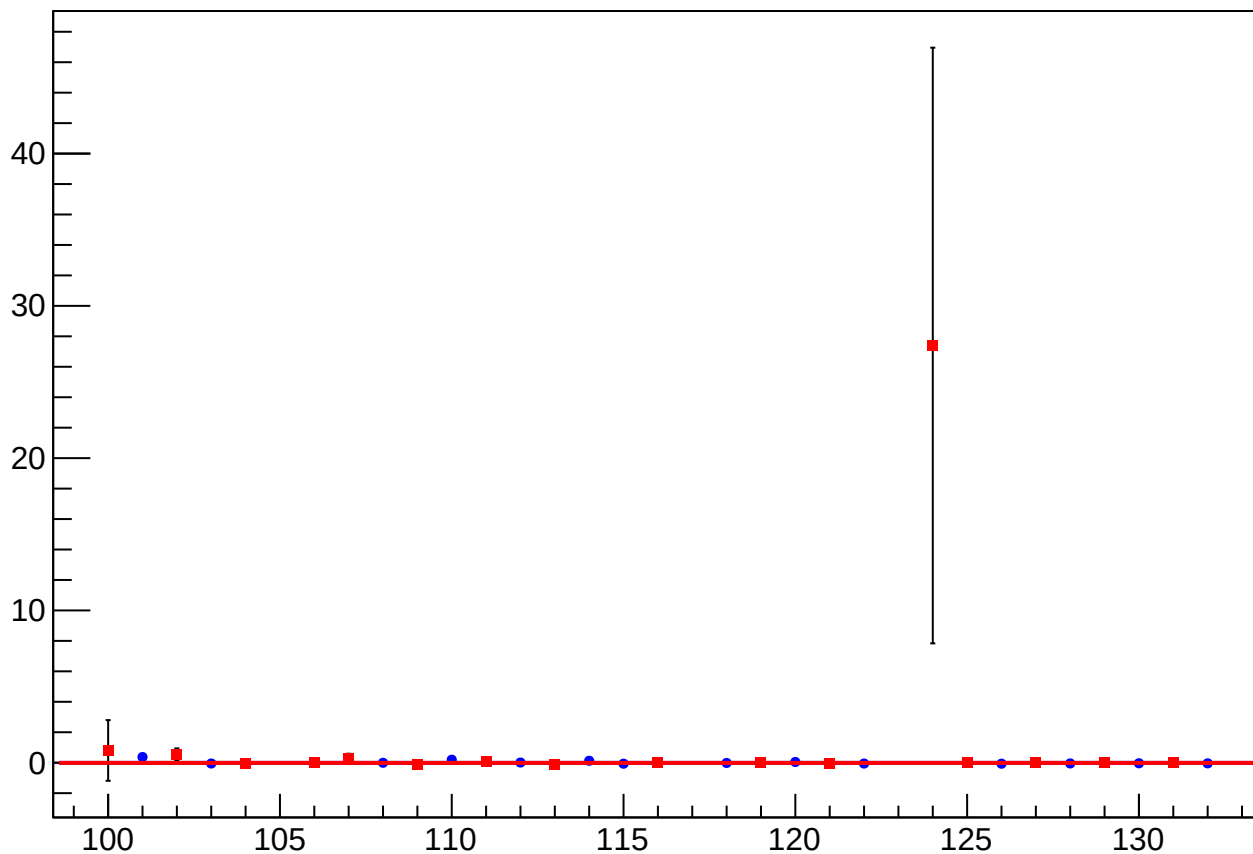
Right: 34.915+/-0.009 χ^2 /NDF: 3646263.9/29

In: 34.708+/-0.012 χ^2 /NDF:1692287.3/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 34.915+/-0.009 χ^2 /NDF: 3646263.9/29

asym_at1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 $\pm$ 0.017 χ^2 /NDF: 17.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.013 $\pm$ 0.017 χ^2 /NDF: 11.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

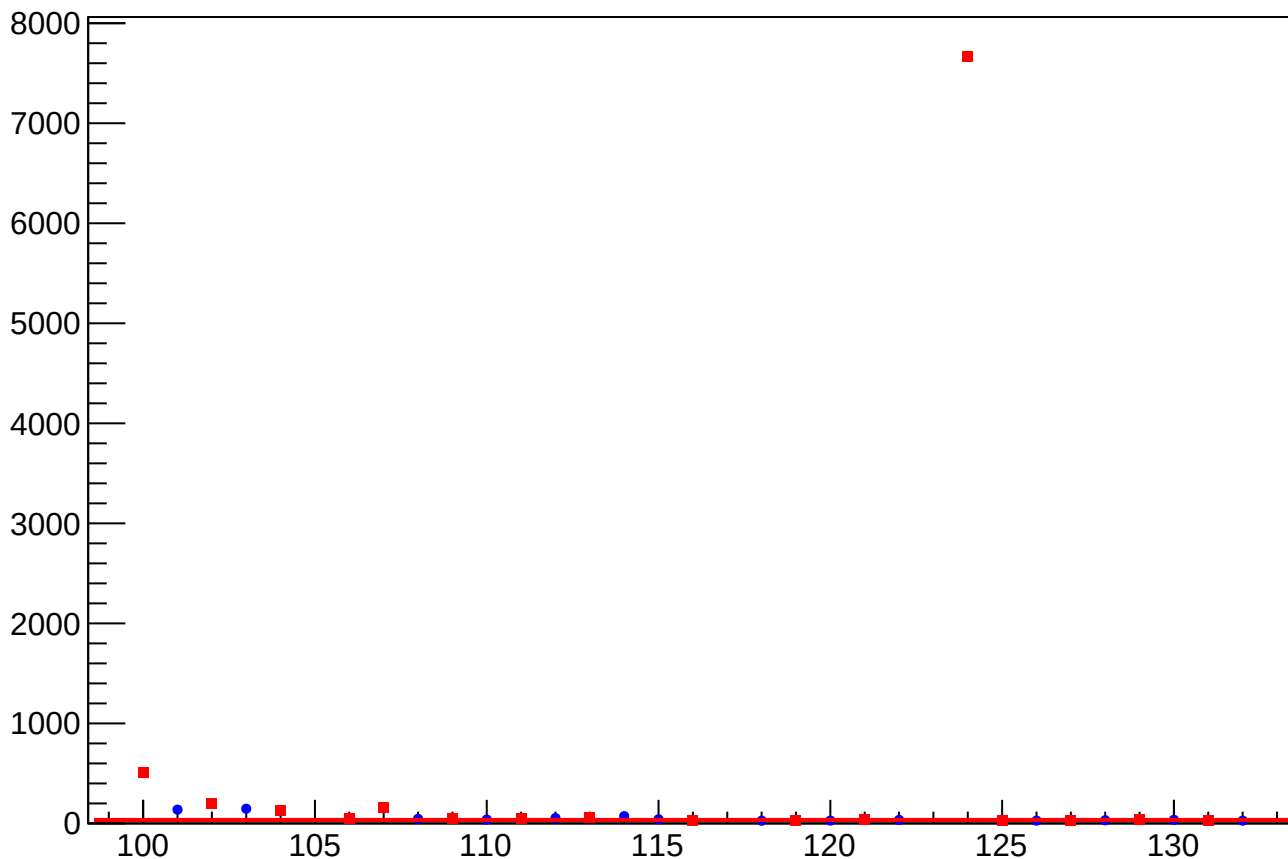
Right: -0.013 $\pm$ 0.012 χ^2 /NDF: 29.4/29

In: -0.013 $\pm$ 0.017 χ^2 /NDF:17.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.012 χ^2 /NDF: 29.4/29

asym_at1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.708+/-0.012 χ^2/NDF : 1692287.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.137+/-0.012 χ^2/NDF : 1953348.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

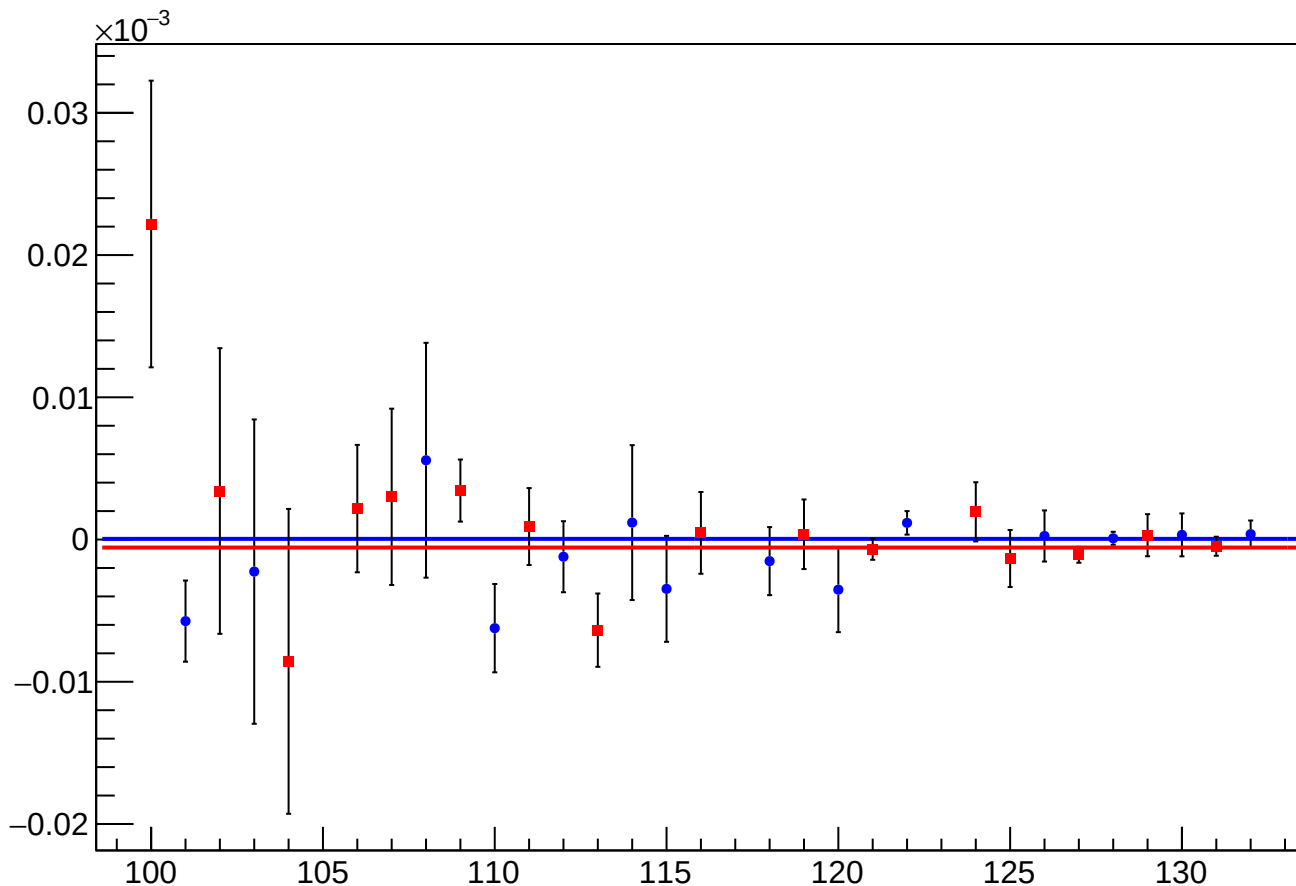
Right: 34.915+/-0.009 χ^2/NDF : 3646263.9/29

In: 34.708+/-0.012 χ^2/NDF : 1692287.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.915+/-0.009 χ^2/NDF : 3646263.9/29

asym_at1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

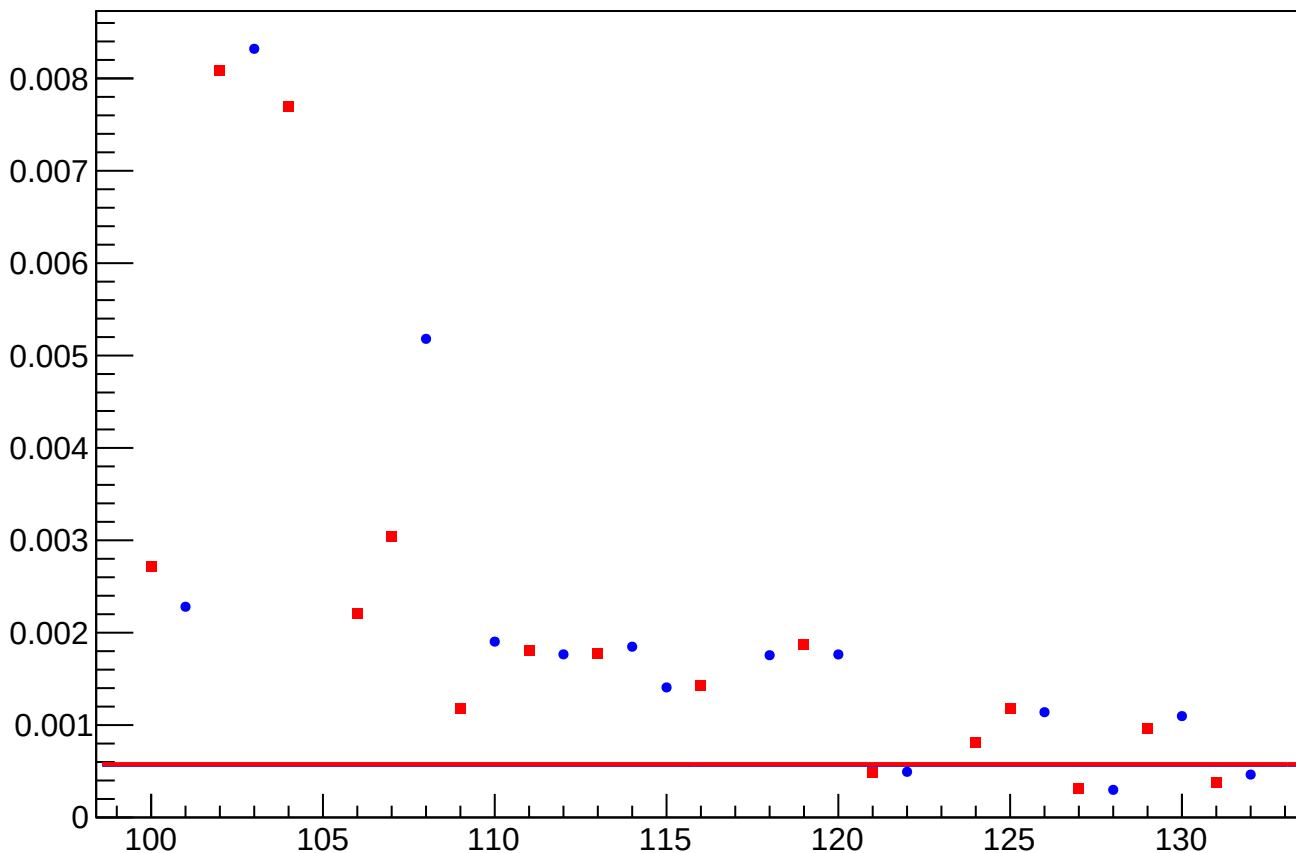
Right: -0.000+/-0.000 χ^2/NDF : 33.8/29

In: 0.000+/-0.000 χ^2/NDF : 13.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.8/29

asym_at1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 5435569.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 5413428.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

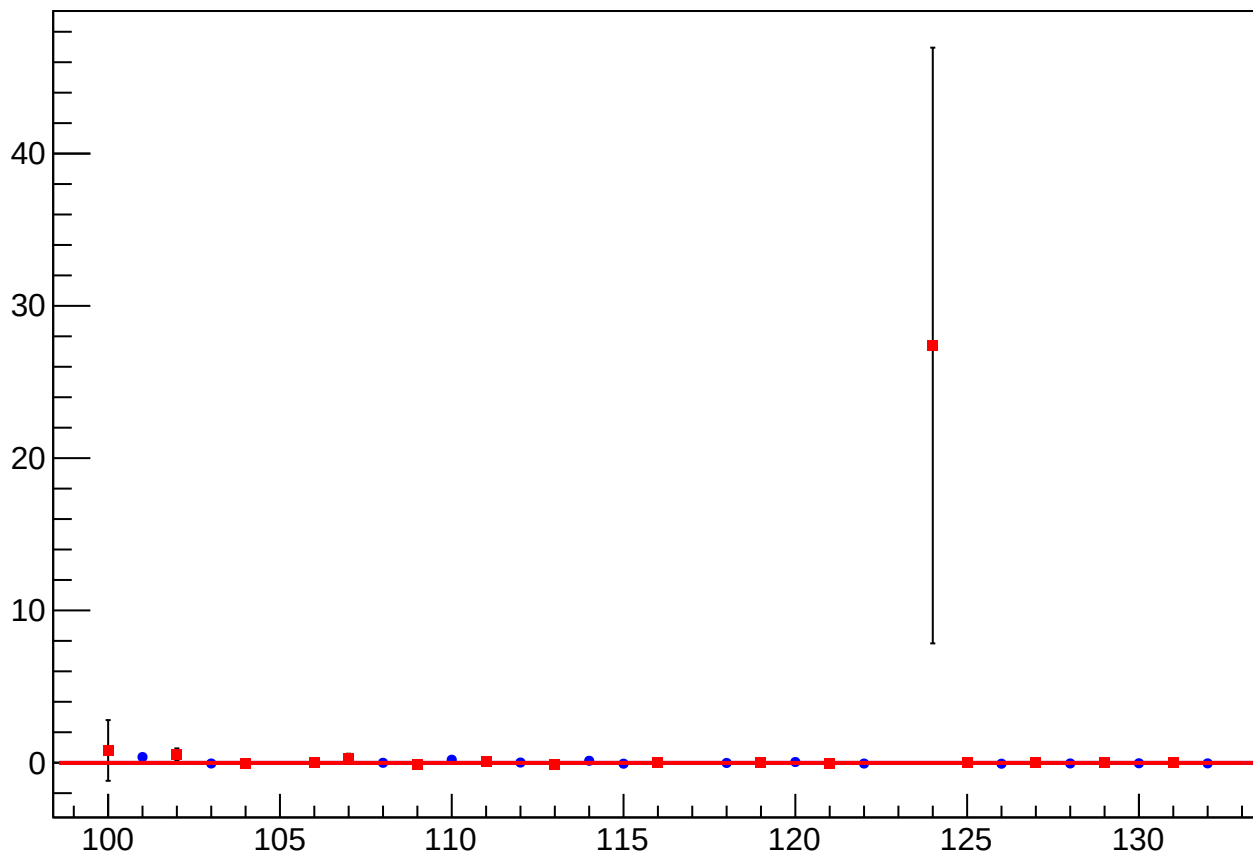
Right: 0.001+/-0.000 χ^2/NDF : 10849570.9/29

In: 0.001+/-0.000 χ^2/NDF :5435569.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 10849570.9/29

asym_at1_dd_eigen_dit_vs_slug, Sign Corrected



Right In: -0.013 $\pm$ 0.017 χ^2 /NDF: 17.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.013 $\pm$ 0.017 χ^2 /NDF: 11.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

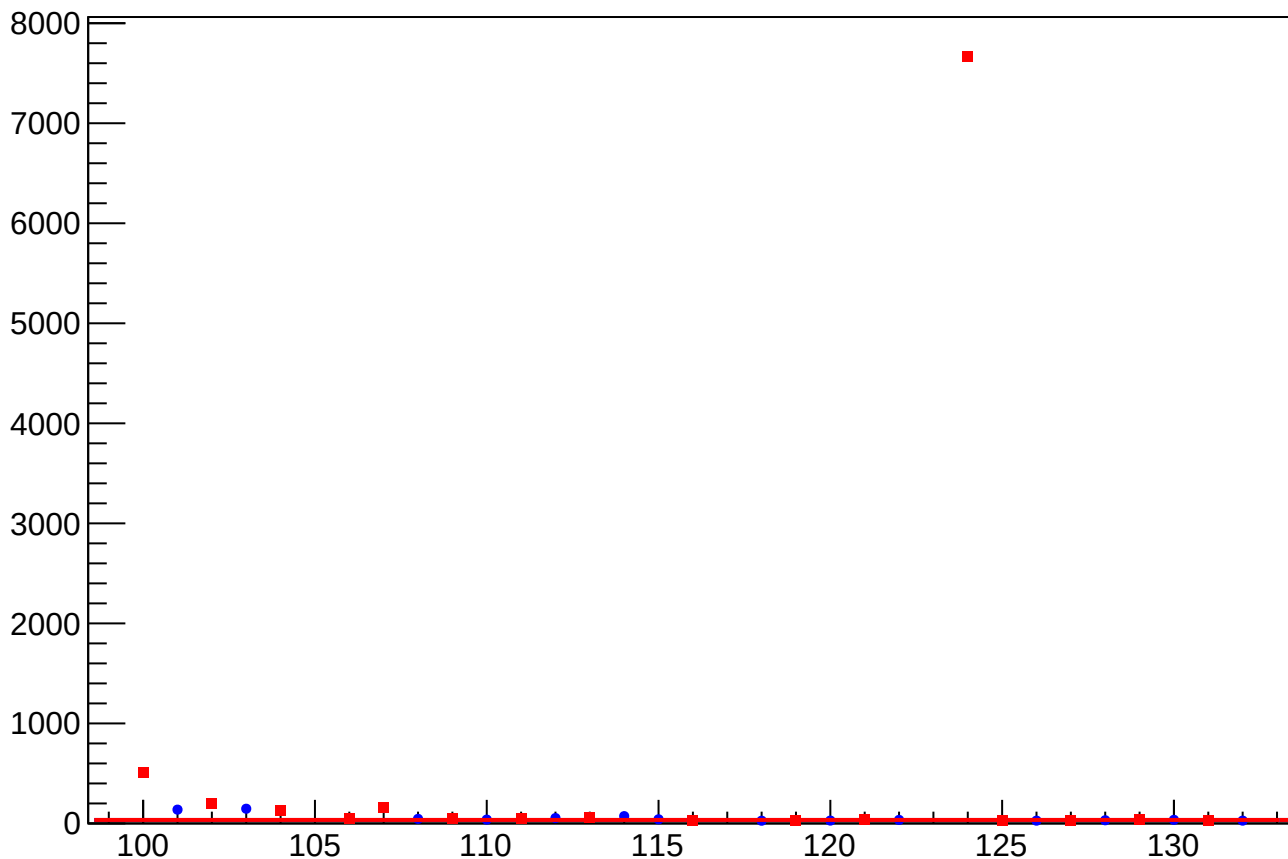
Right: -0.013 $\pm$ 0.012 χ^2 /NDF: 29.4/29

In: -0.013 $\pm$ 0.017 χ^2 /NDF:17.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.012 χ^2 /NDF: 29.4/29

asym_at1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.708+/-0.012 χ^2/NDF : 1692277.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.136+/-0.012 χ^2/NDF : 1953338.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

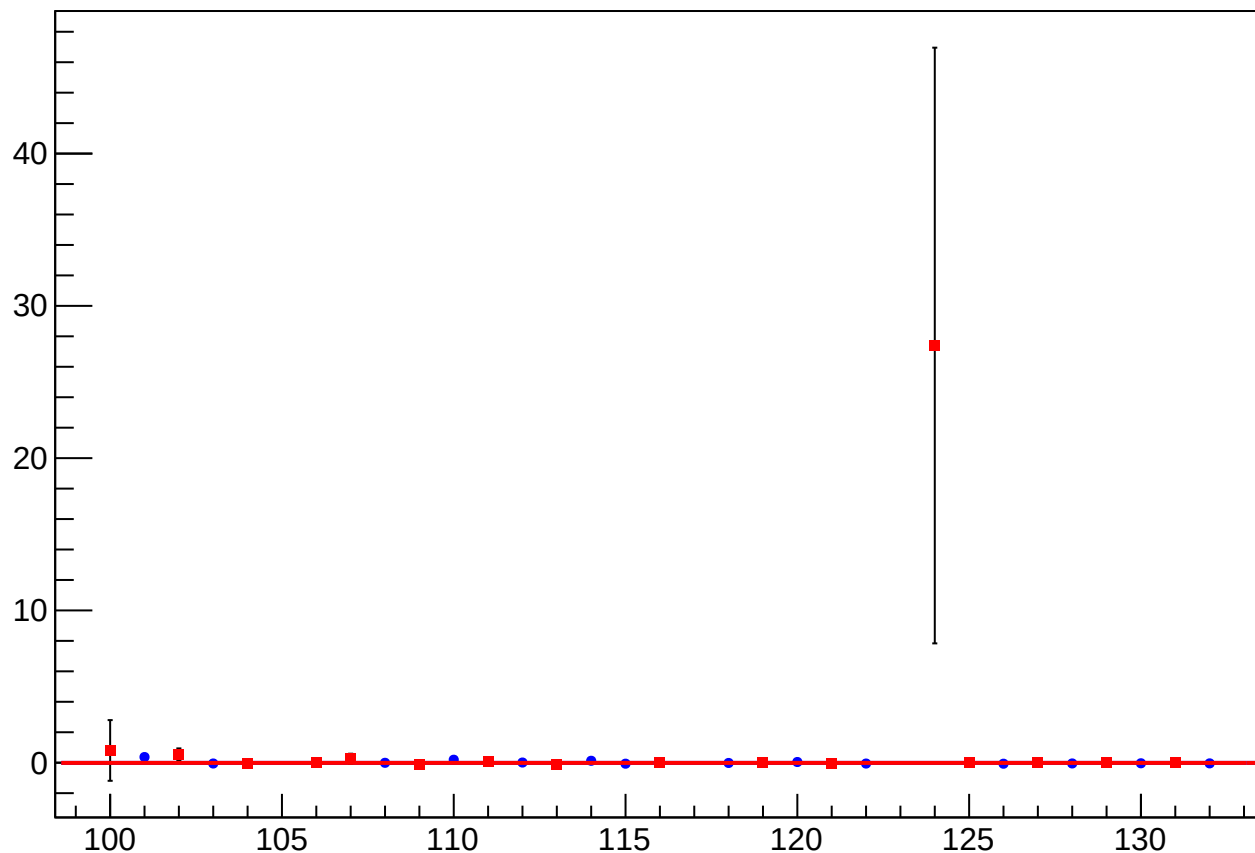
Right: 34.915+/-0.009 χ^2/NDF : 3646243.1/29

In: 34.708+/-0.012 χ^2/NDF : 1692277.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.915+/-0.009 χ^2/NDF : 3646243.1/29

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 $\pm$ 0.017 χ^2 /NDF: 17.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.013 $\pm$ 0.017 χ^2 /NDF: 11.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

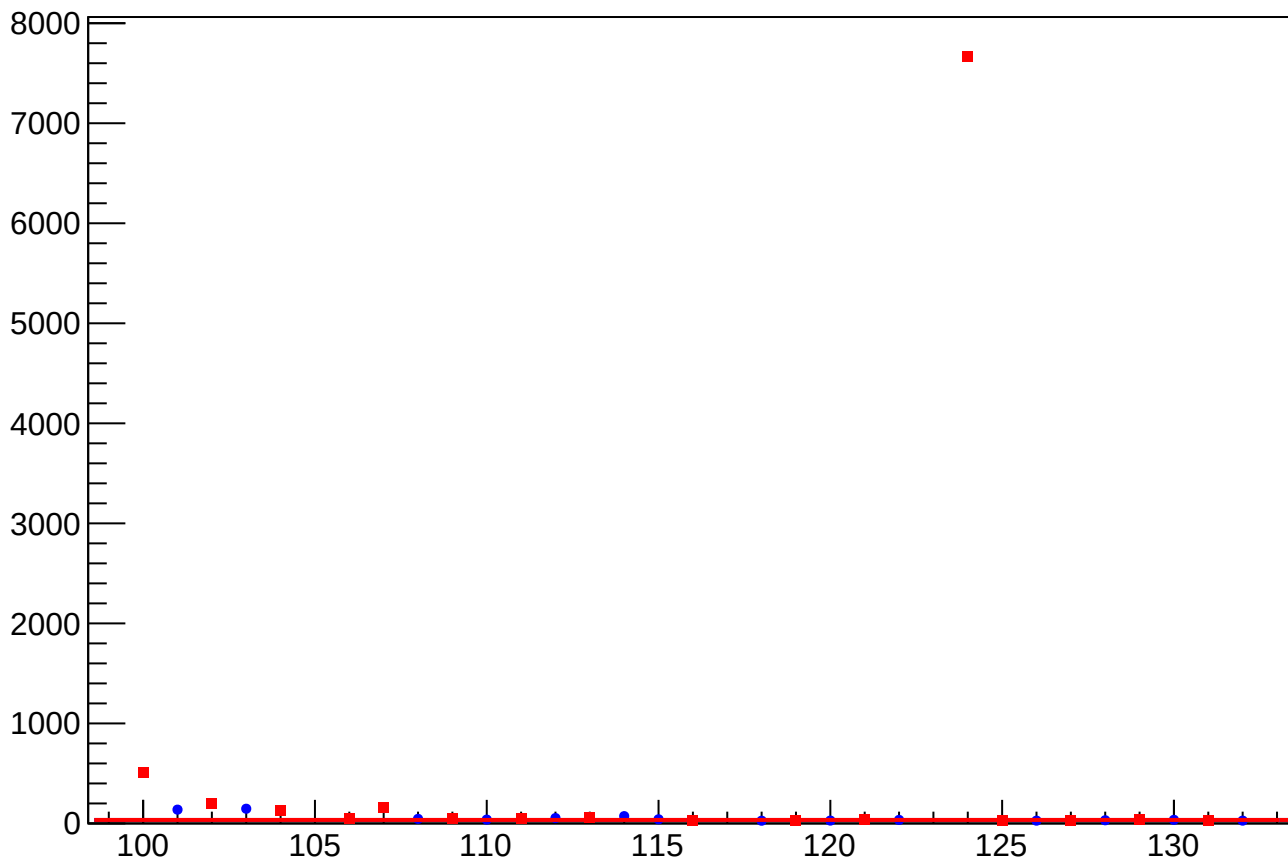
Right: -0.013 $\pm$ 0.012 χ^2 /NDF: 29.4/29

In: -0.013 $\pm$ 0.017 χ^2 /NDF:17.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.012 χ^2 /NDF: 29.4/29

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.708+/-0.012 χ^2/NDF : 1692277.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.136+/-0.012 χ^2/NDF : 1953338.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

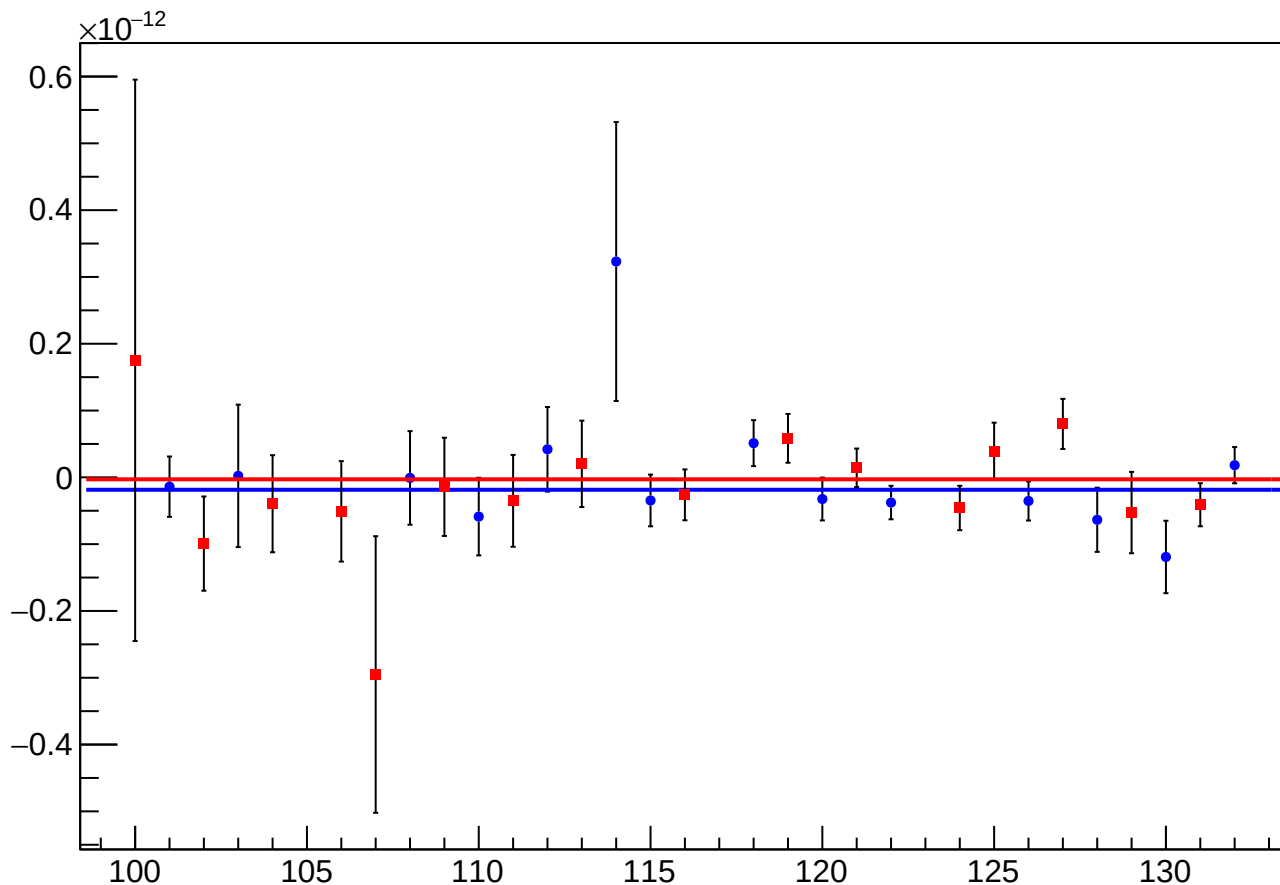
Right: 34.915+/-0.009 χ^2/NDF : 3646243.1/29

In: 34.708+/-0.012 χ^2/NDF : 1692277.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.915+/-0.009 χ^2/NDF : 3646243.1/29

asym_at1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

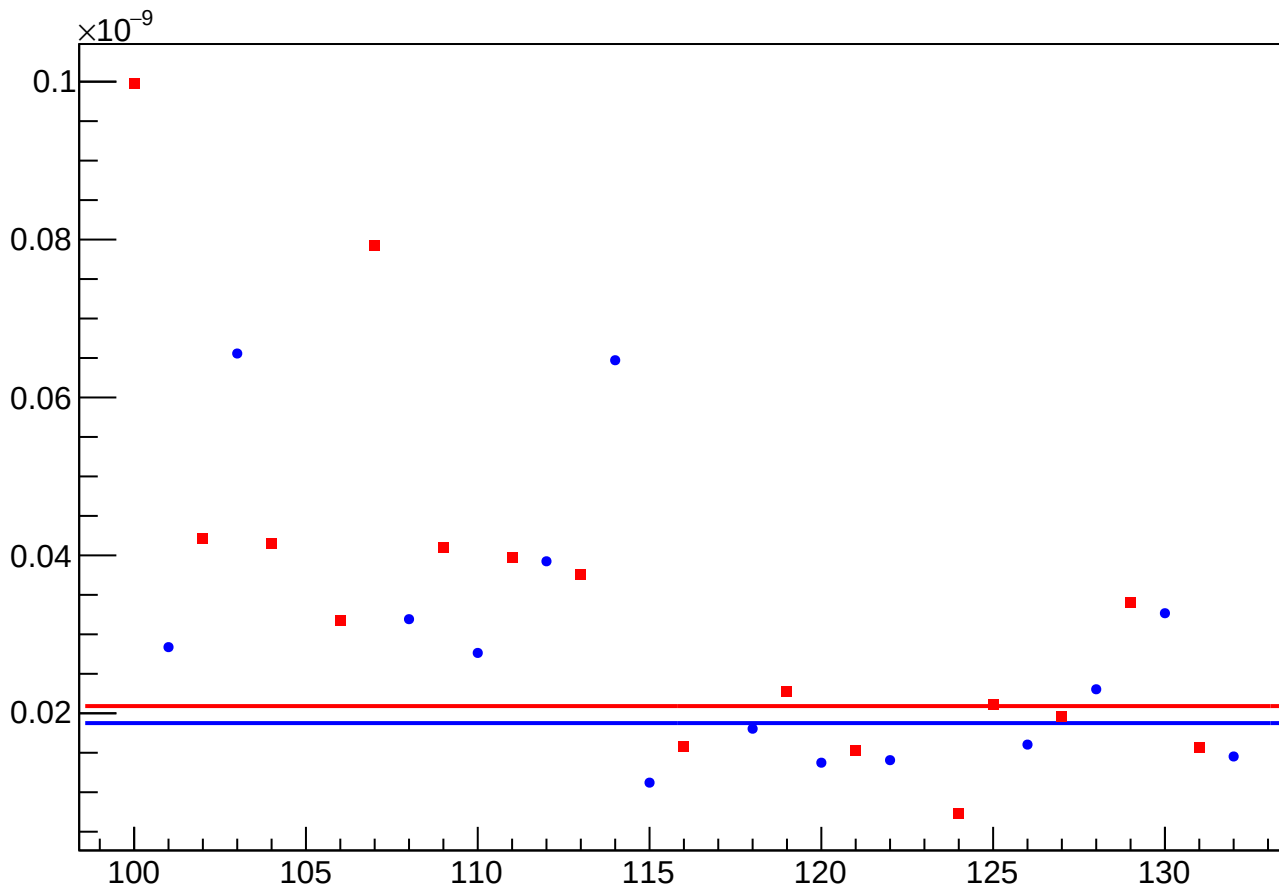
Right: -0.000+/-0.000 χ^2/NDF : 34.9/29

In: -0.000+/-0.000 χ^2/NDF : 15.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 34.9/29

asym_at1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1310022.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1645852.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

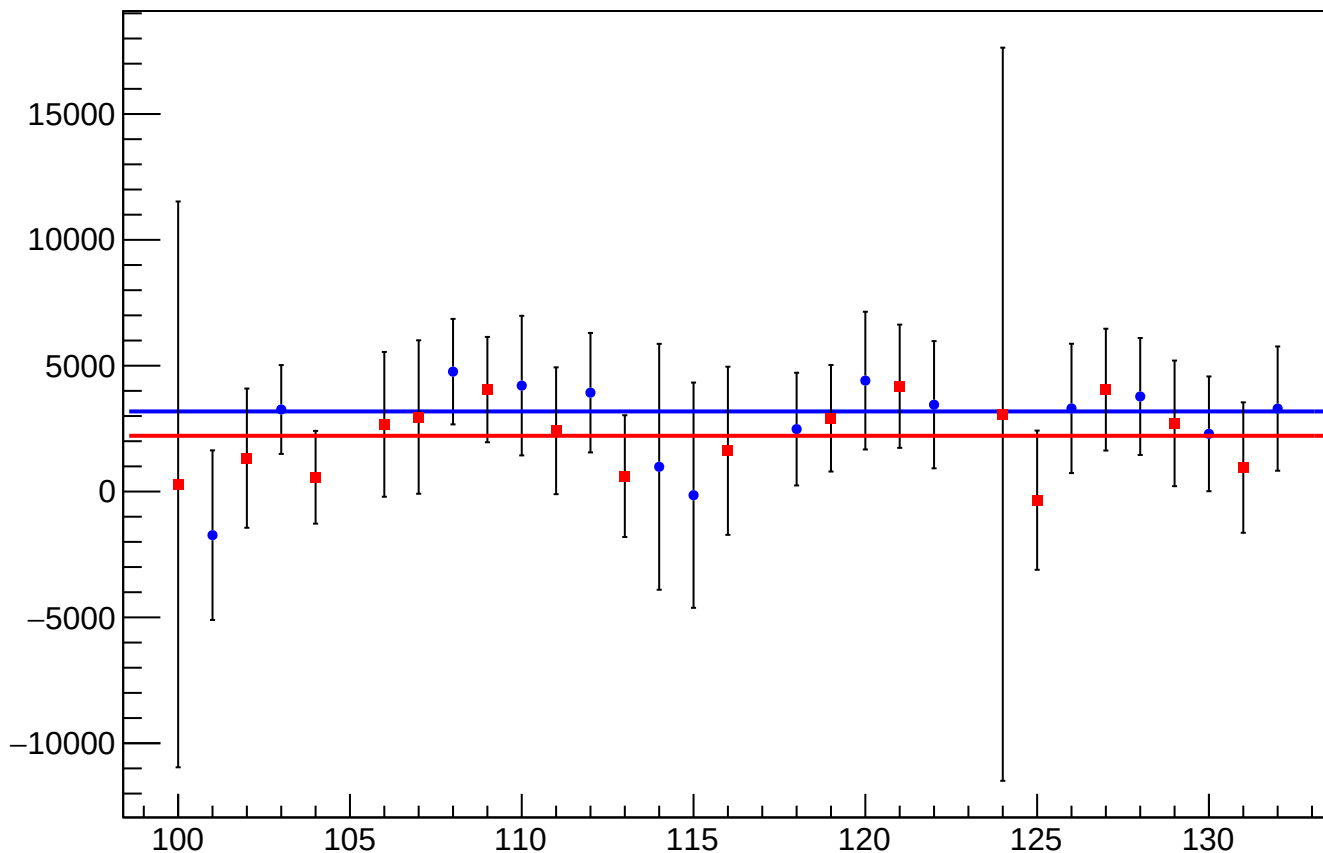
Right: 0.000+/-0.000 χ^2/NDF : 2992707.0/29

In: 0.000+/-0.000 χ^2/NDF : 1310022.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2992707.0/29

reg_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3182.989+/-671.314 χ^2/NDF : 4.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2215.039+/-657.389 χ^2/NDF : 4.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

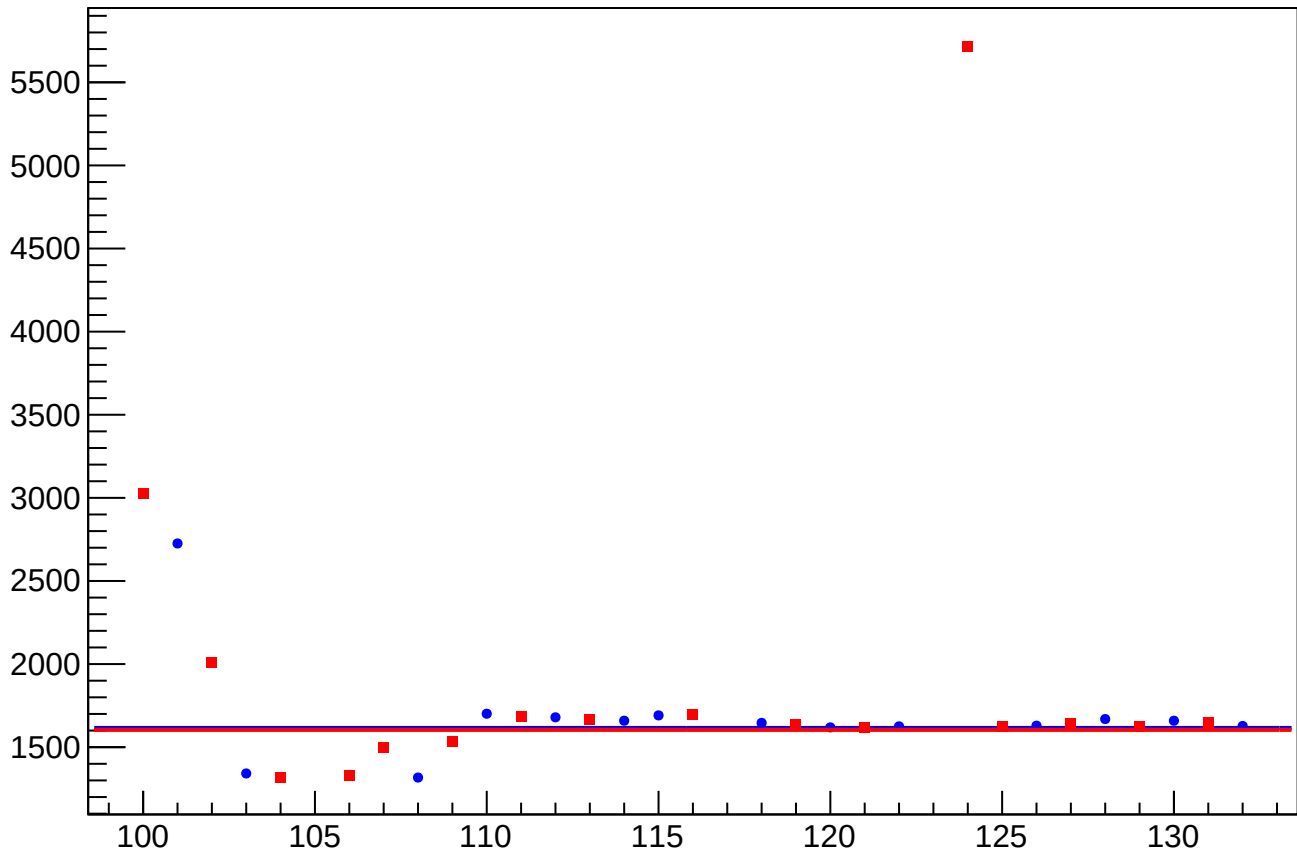
Right: 2688.871+/-469.690 χ^2/NDF : 10.0/29

In: 3182.989+/-671.314 χ^2/NDF : 4.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2688.871+/-469.690 χ^2/NDF : 10.0/29

reg_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1615.842+/-0.475 χ^2/NDF : 312131.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1603.935+/-0.465 χ^2/NDF : 311431.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

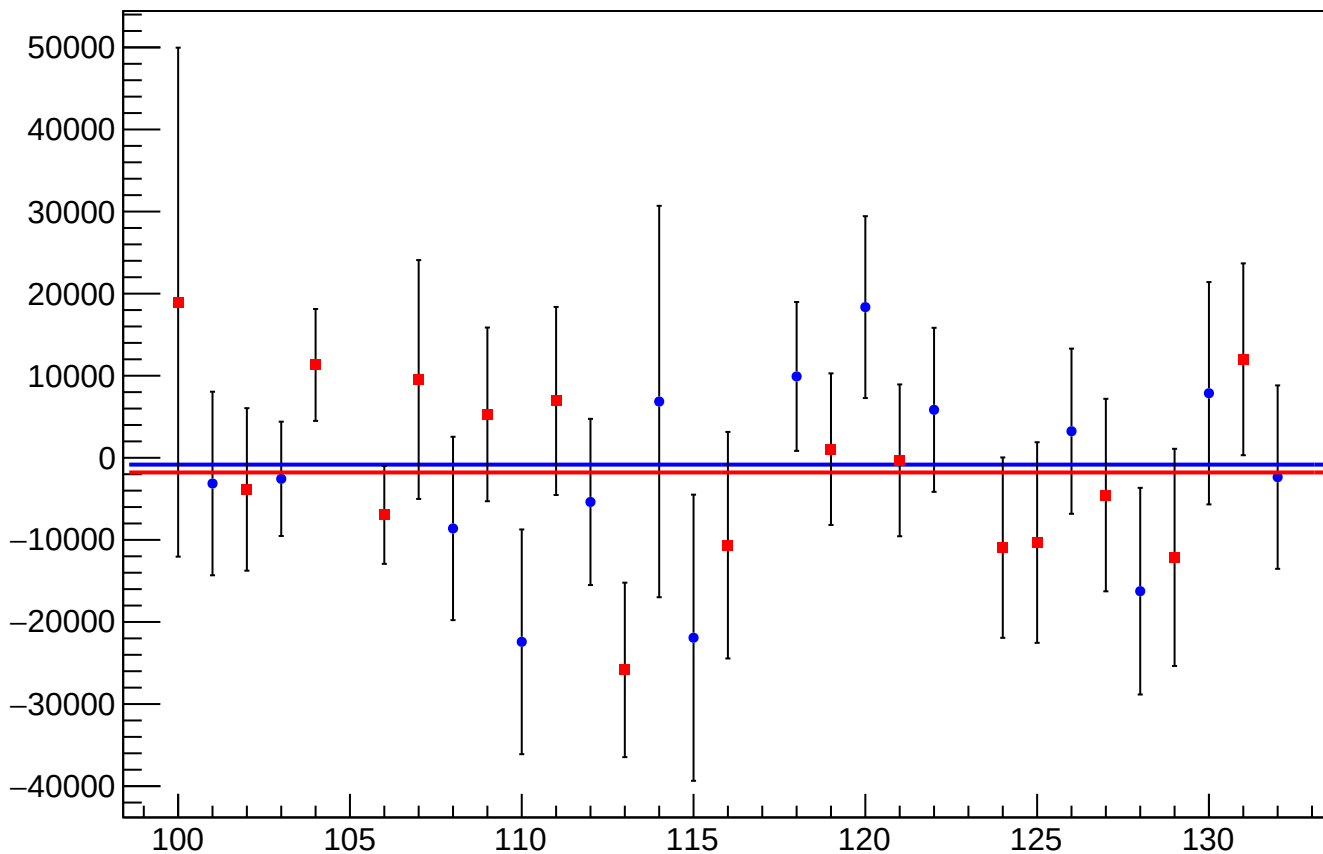
Right: 1609.764+/-0.332 χ^2/NDF : 623884.1/29

In: 1615.842+/-0.475 χ^2/NDF : 312131.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1609.764+/-0.332 χ^2/NDF : 623884.1/29

asym_at2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -829.477+/-2926.677 χ^2/NDF : 11.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1784.852+/-2540.363 χ^2/NDF : 15.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

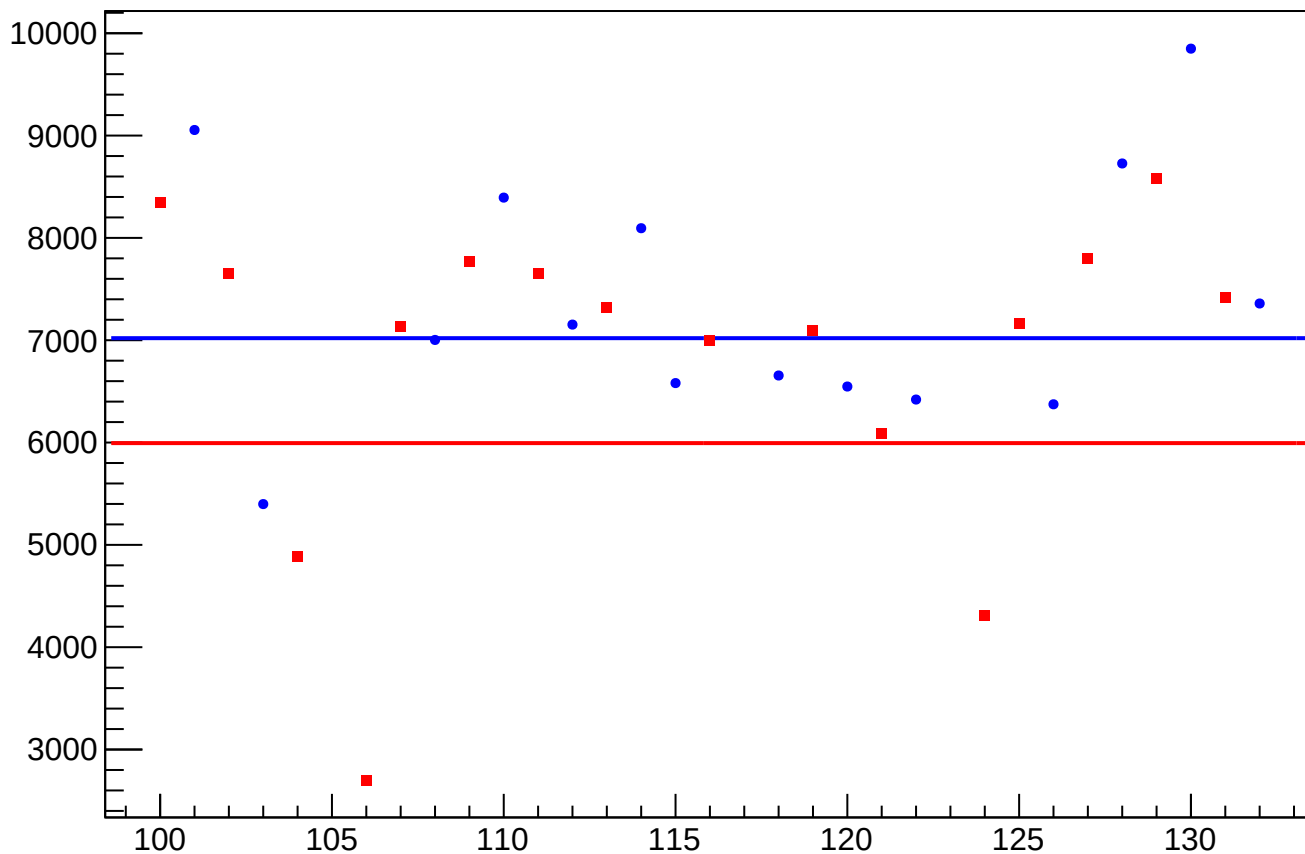
Right: -1374.338+/-1918.456 χ^2/NDF : 27.3/29

In: -829.477+/-2926.677 χ^2/NDF : 11.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1374.338+/-1918.456 χ^2/NDF : 27.3/29

asym_at2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 7020.071+/-2.069 χ^2/NDF : 348714.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5994.496+/-1.796 χ^2/NDF : 1131249.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

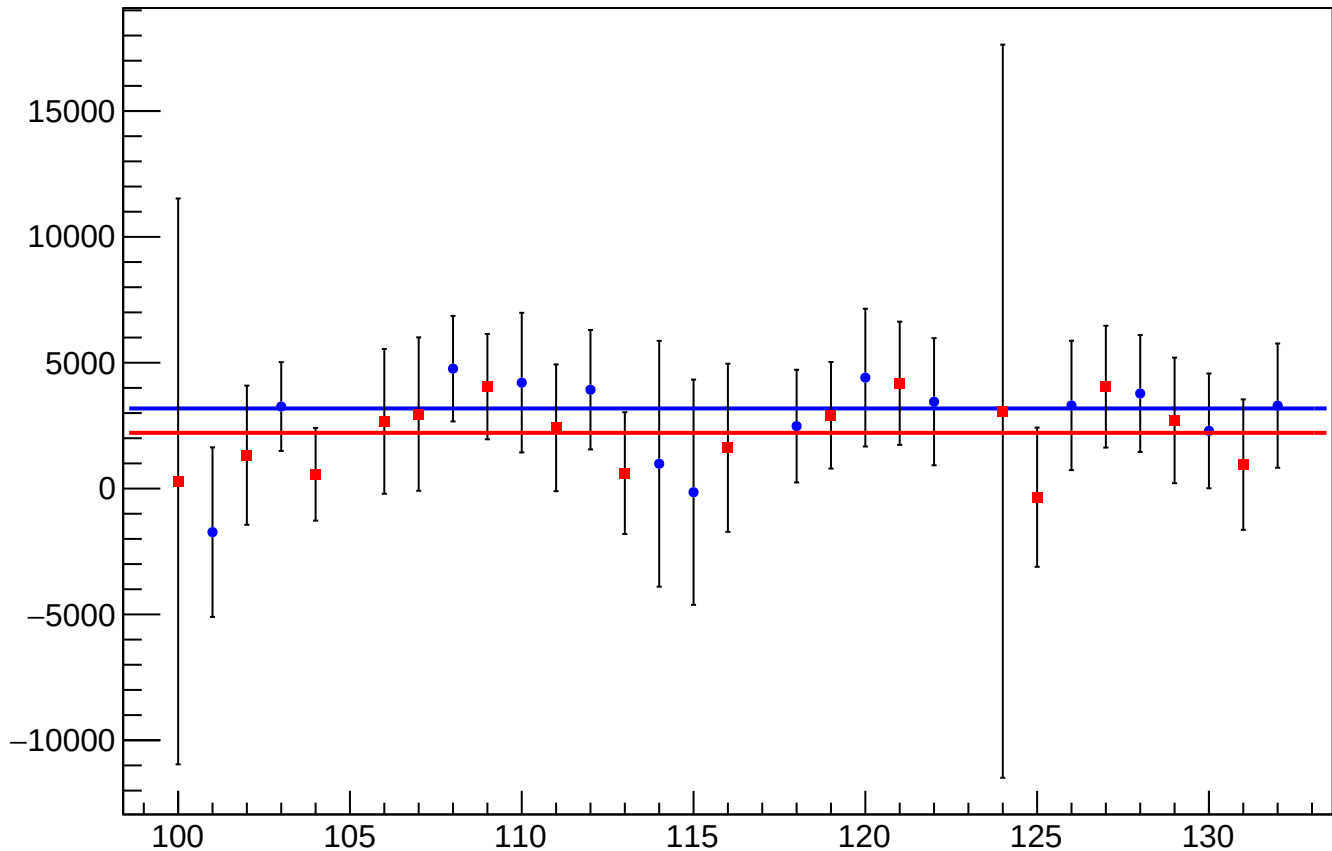
Right: 6435.174+/-1.357 χ^2/NDF : 1620028.4/29

In: 7020.071+/-2.069 χ^2/NDF : 348714.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6435.174+/-1.357 χ^2/NDF : 1620028.4/29

cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3183.118+/-671.314 χ^2/NDF : 4.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2214.812+/-657.389 χ^2/NDF : 4.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

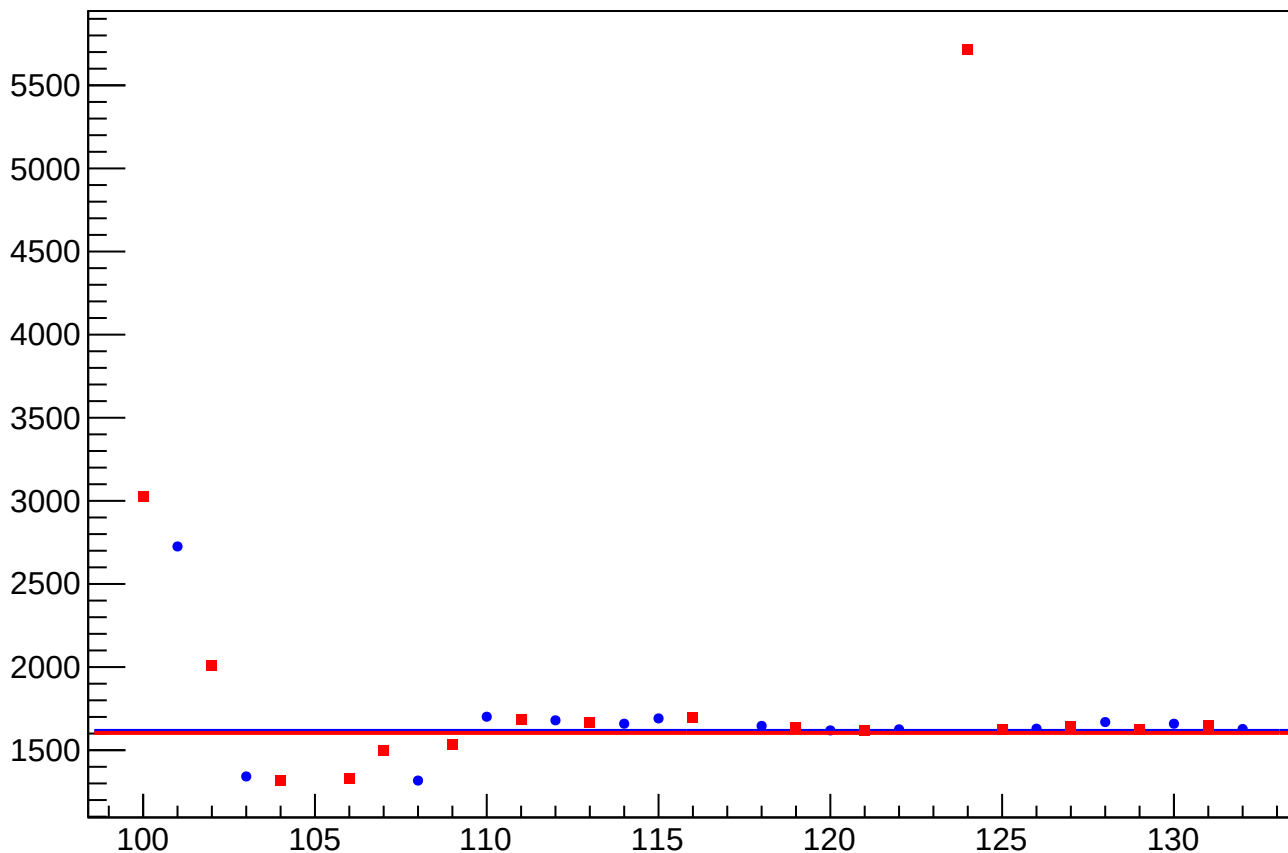
Right: 2688.818+/-469.690 χ^2/NDF : 10.0/29

In: 3183.118+/-671.314 χ^2/NDF : 4.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2688.818+/-469.690 χ^2/NDF : 10.0/29

cor_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1615.842 $\pm$ 0.475 χ^2 /NDF: 312131.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1603.935 $\pm$ 0.465 χ^2 /NDF: 311431.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

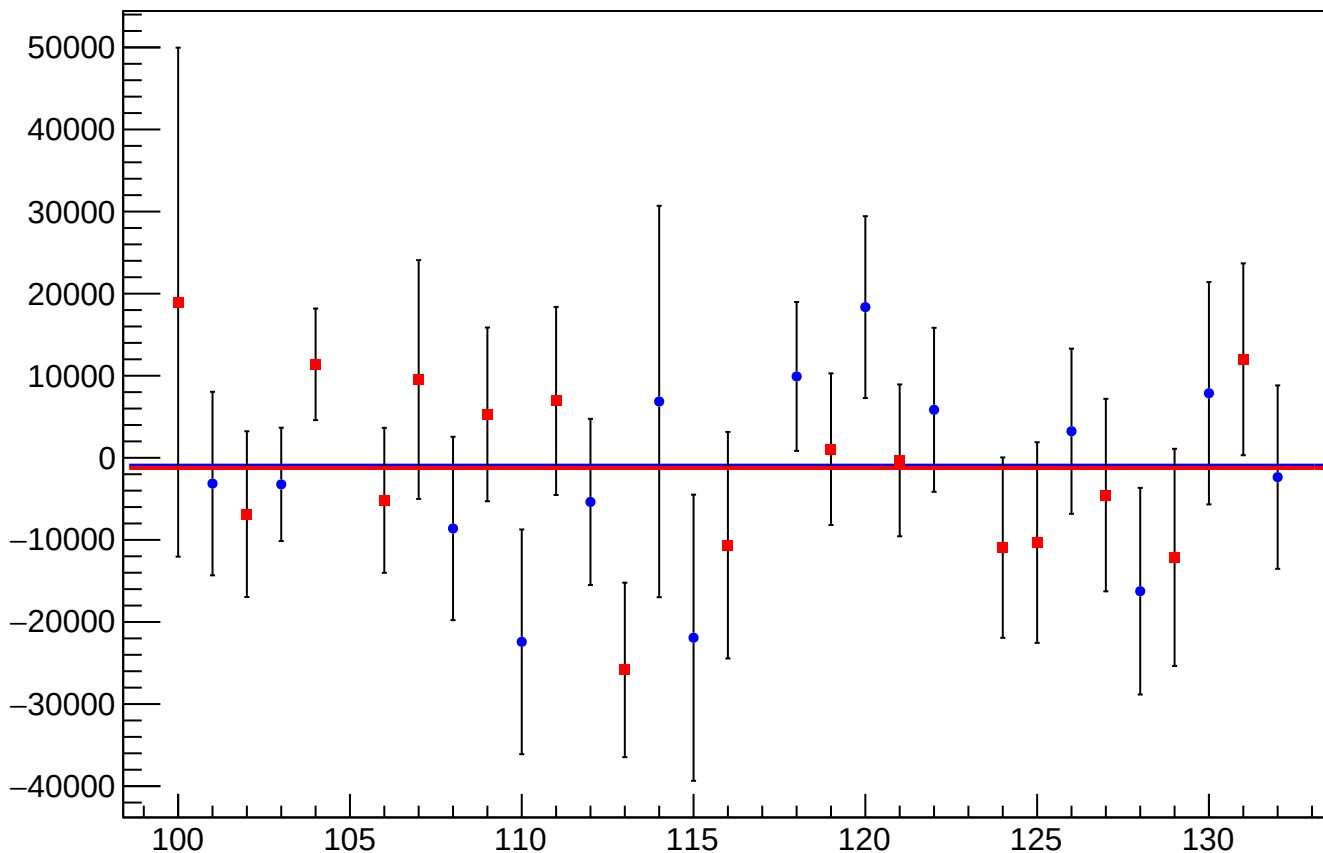
Right: 1609.764 $\pm$ 0.332 χ^2 /NDF: 623884.3/29

In: 1615.842 $\pm$ 0.475 χ^2 /NDF:312131.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1609.764 $\pm$ 0.332 χ^2 /NDF: 623884.3/29

asym_at2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -956.421+/-2922.233 χ^2/NDF : 11.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1238.321+/-2678.282 χ^2/NDF : 15.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

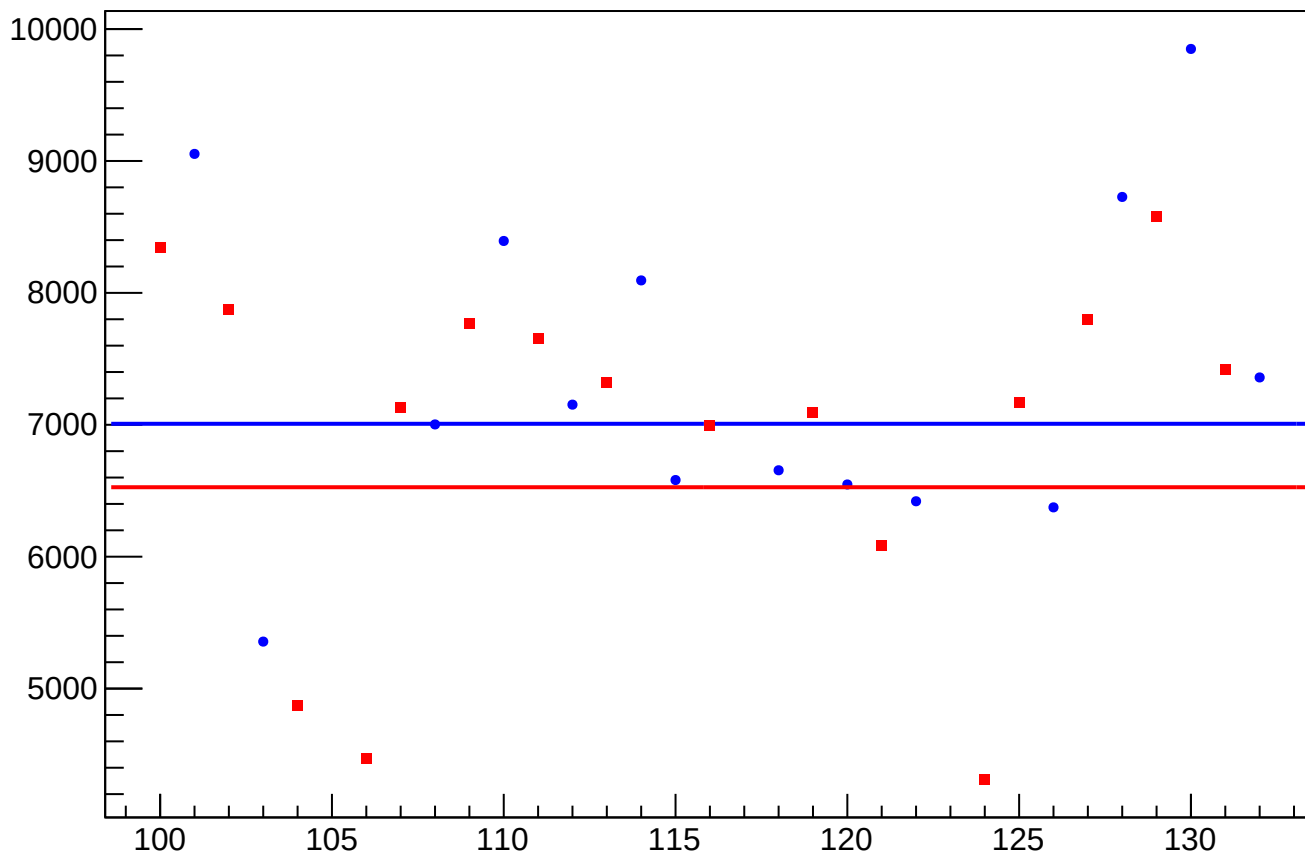
Right: -1109.627+/-1974.452 χ^2/NDF : 26.9/29

In: -956.421+/-2922.233 χ^2/NDF : 11.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1109.627+/-1974.452 χ^2/NDF : 26.9/29

asym_at2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 7007.552+/-2.066 χ^2/NDF : 356331.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6526.569+/-1.894 χ^2/NDF : 516042.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

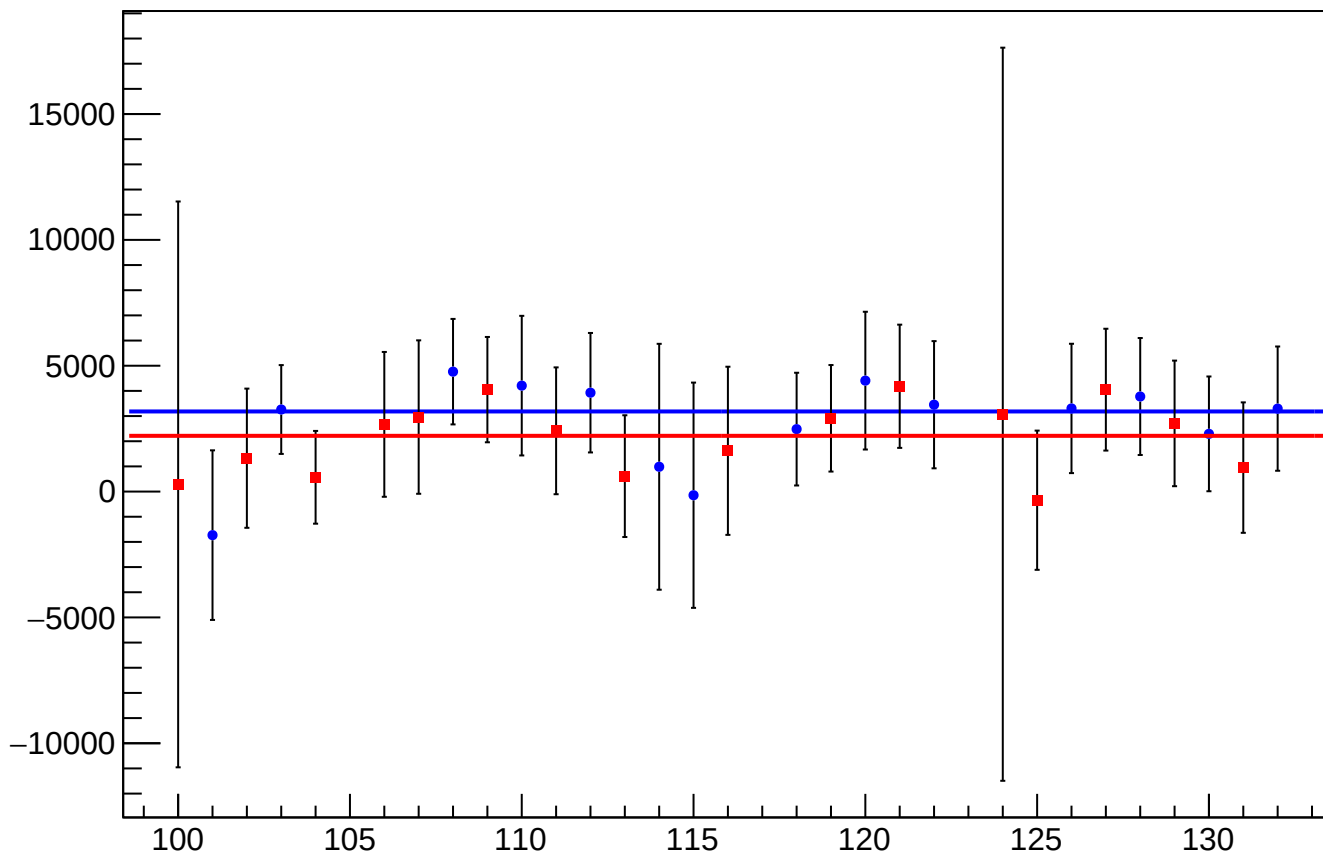
Right: 6746.149+/-1.396 χ^2/NDF : 901820.7/29

In: 7007.552+/-2.066 χ^2/NDF : 356331.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6746.149+/-1.396 χ^2/NDF : 901820.7/29

eigen_cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3183.118+/-671.314 χ^2/NDF : 4.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2214.812+/-657.389 χ^2/NDF : 4.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

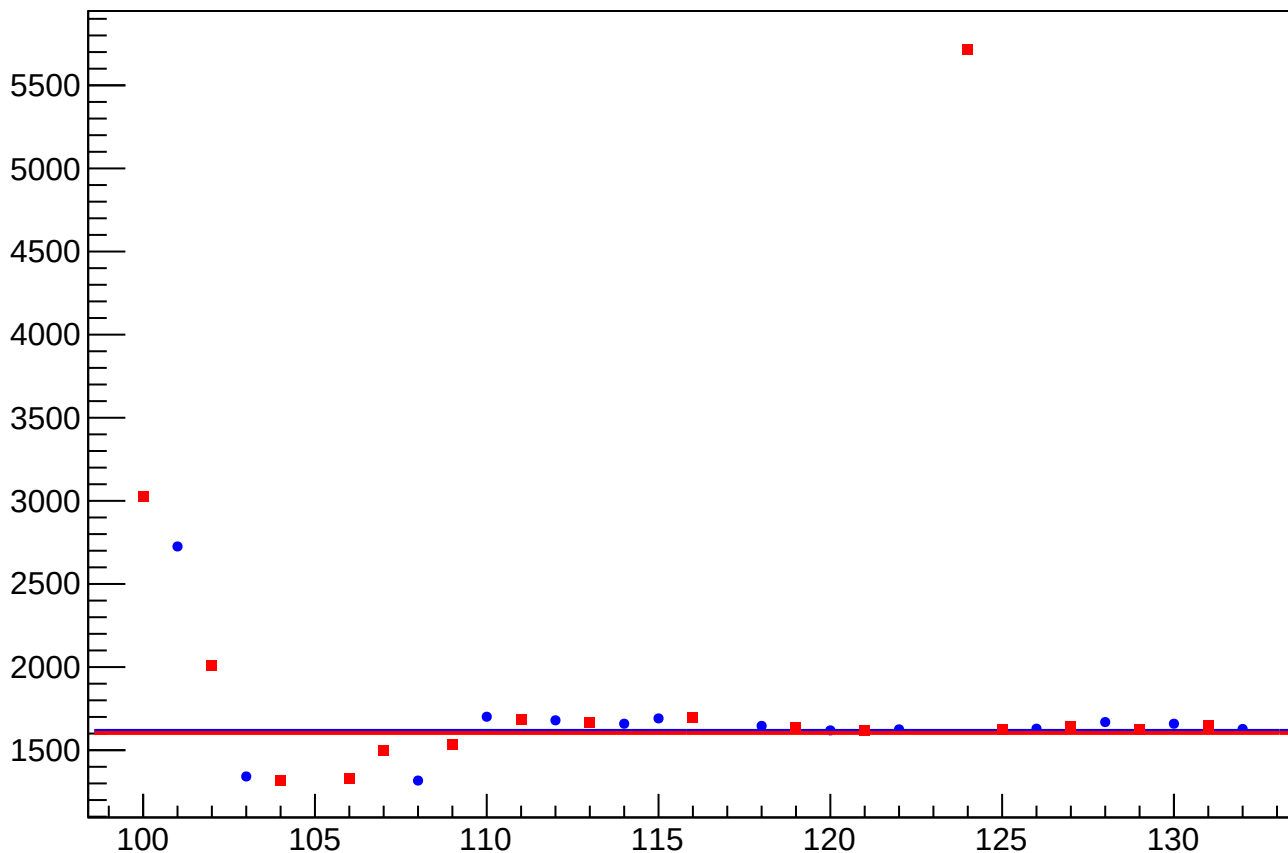
Right: 2688.818+/-469.690 χ^2/NDF : 10.0/29

In: 3183.118+/-671.314 χ^2/NDF : 4.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2688.818+/-469.690 χ^2/NDF : 10.0/29

eigen_cor_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1615.842 $\pm$ 0.475 χ^2 /NDF: 312131.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1603.935 $\pm$ 0.465 χ^2 /NDF: 311431.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

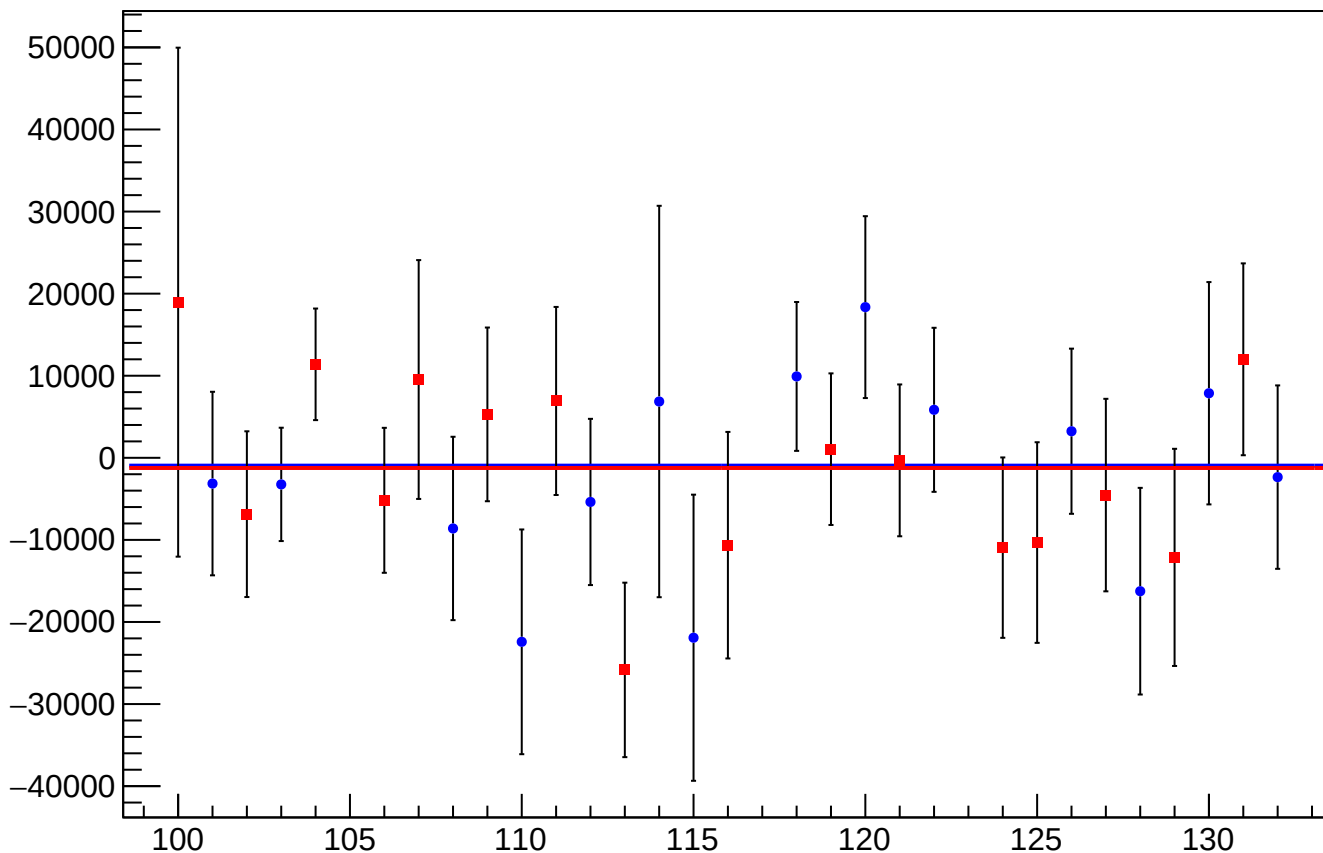
Right: 1609.764 $\pm$ 0.332 χ^2 /NDF: 623884.3/29

In: 1615.842 $\pm$ 0.475 χ^2 /NDF:312131.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1609.764 $\pm$ 0.332 χ^2 /NDF: 623884.3/29

asym_at2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -956.421+/-2922.233 χ^2/NDF : 11.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1238.321+/-2678.282 χ^2/NDF : 15.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

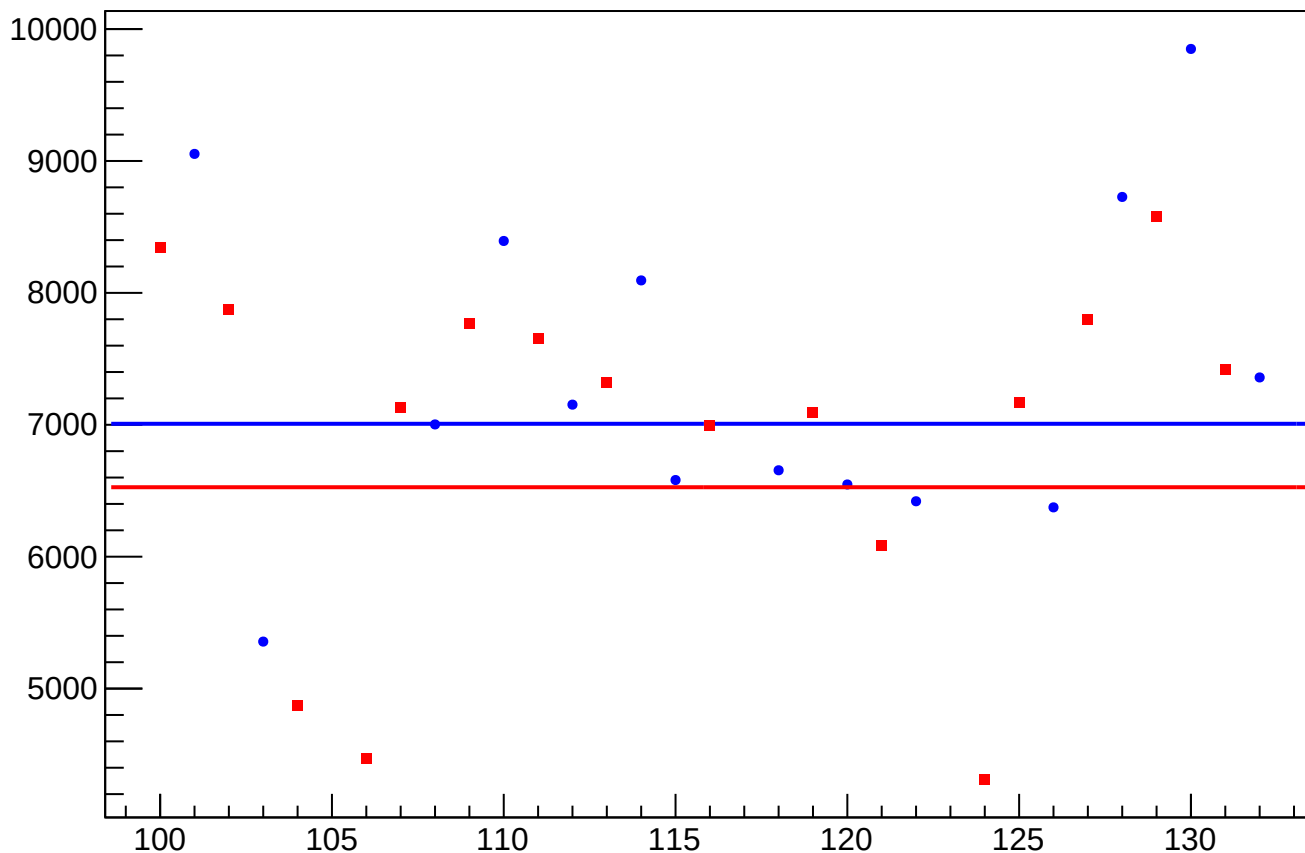
Right: -1109.627+/-1974.452 χ^2/NDF : 26.9/29

In: -956.421+/-2922.233 χ^2/NDF : 11.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1109.627+/-1974.452 χ^2/NDF : 26.9/29

asym_at2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 7007.552+/-2.066 χ^2/NDF : 356331.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6526.569+/-1.894 χ^2/NDF : 516042.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

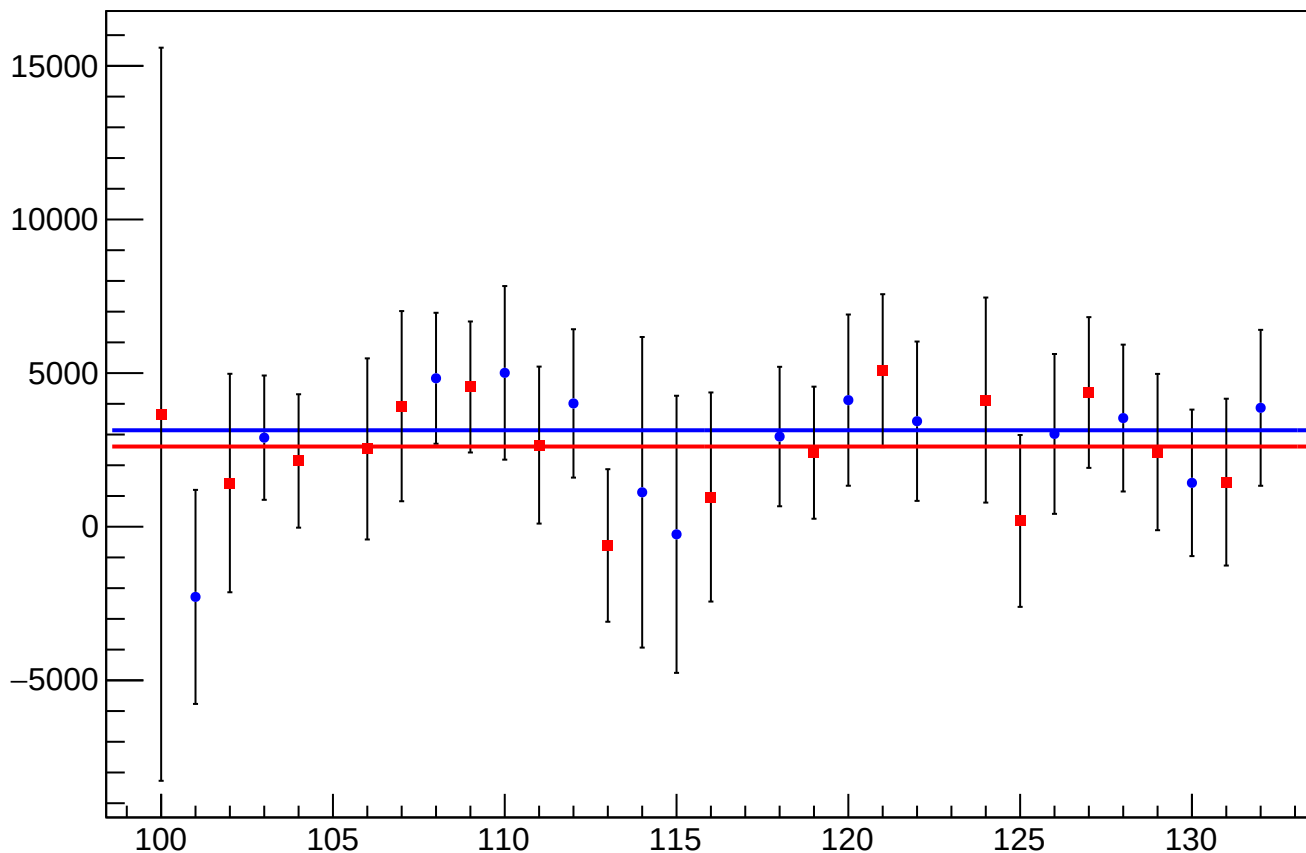
Right: 6746.149+/-1.396 χ^2/NDF : 901820.7/29

In: 7007.552+/-2.066 χ^2/NDF : 356331.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6746.149+/-1.396 χ^2/NDF : 901820.7/29

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3139.316 $\pm$ 697.140 χ^2 /NDF: 5.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2609.960 $\pm$ 675.527 χ^2 /NDF: 5.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

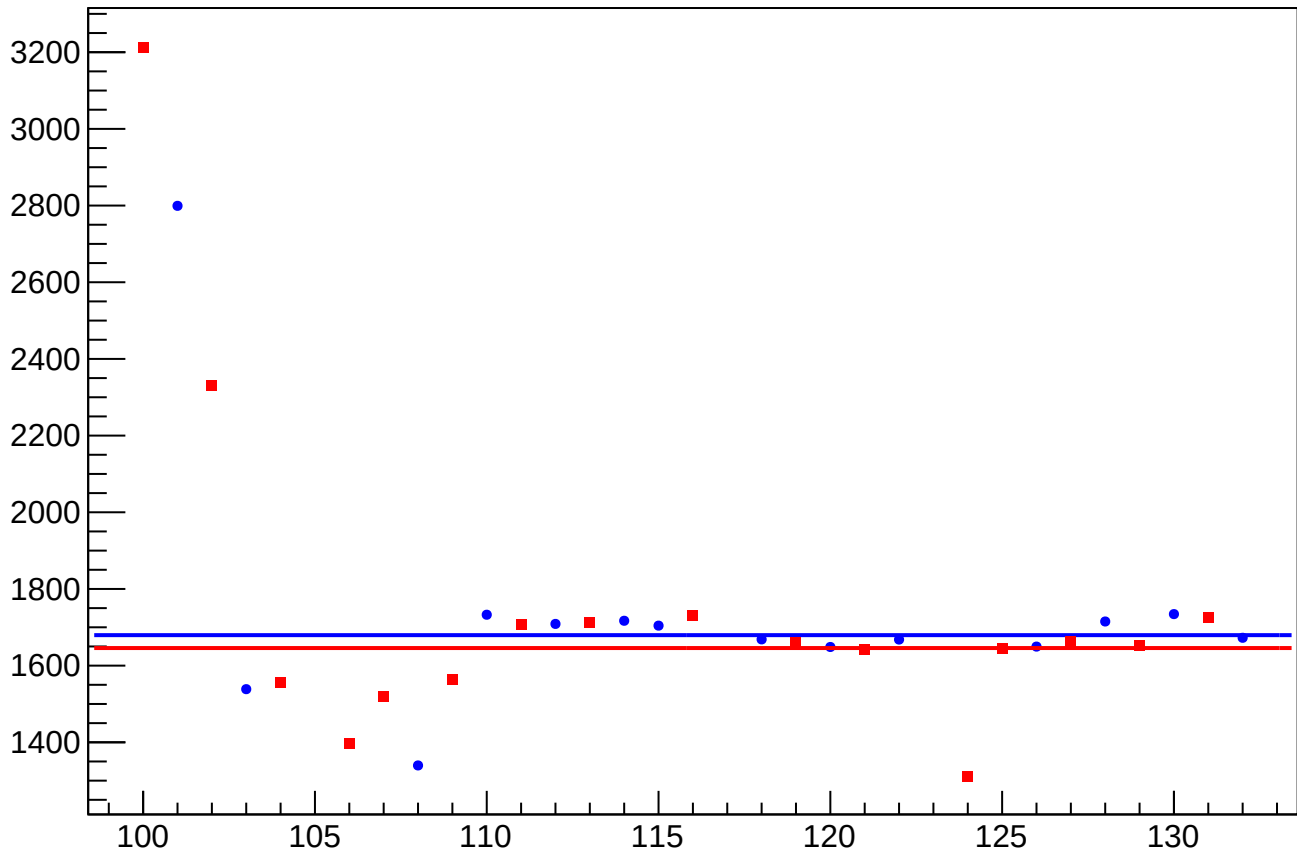
Right: 2866.305 $\pm$ 485.131 χ^2 /NDF: 11.2/29

In: 3139.316 $\pm$ 697.140 χ^2 /NDF:5.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2866.305 $\pm$ 485.131 χ^2 /NDF: 11.2/29

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1679.519+/-0.493 χ^2/NDF : 270499.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1645.866+/-0.477 χ^2/NDF : 158907.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

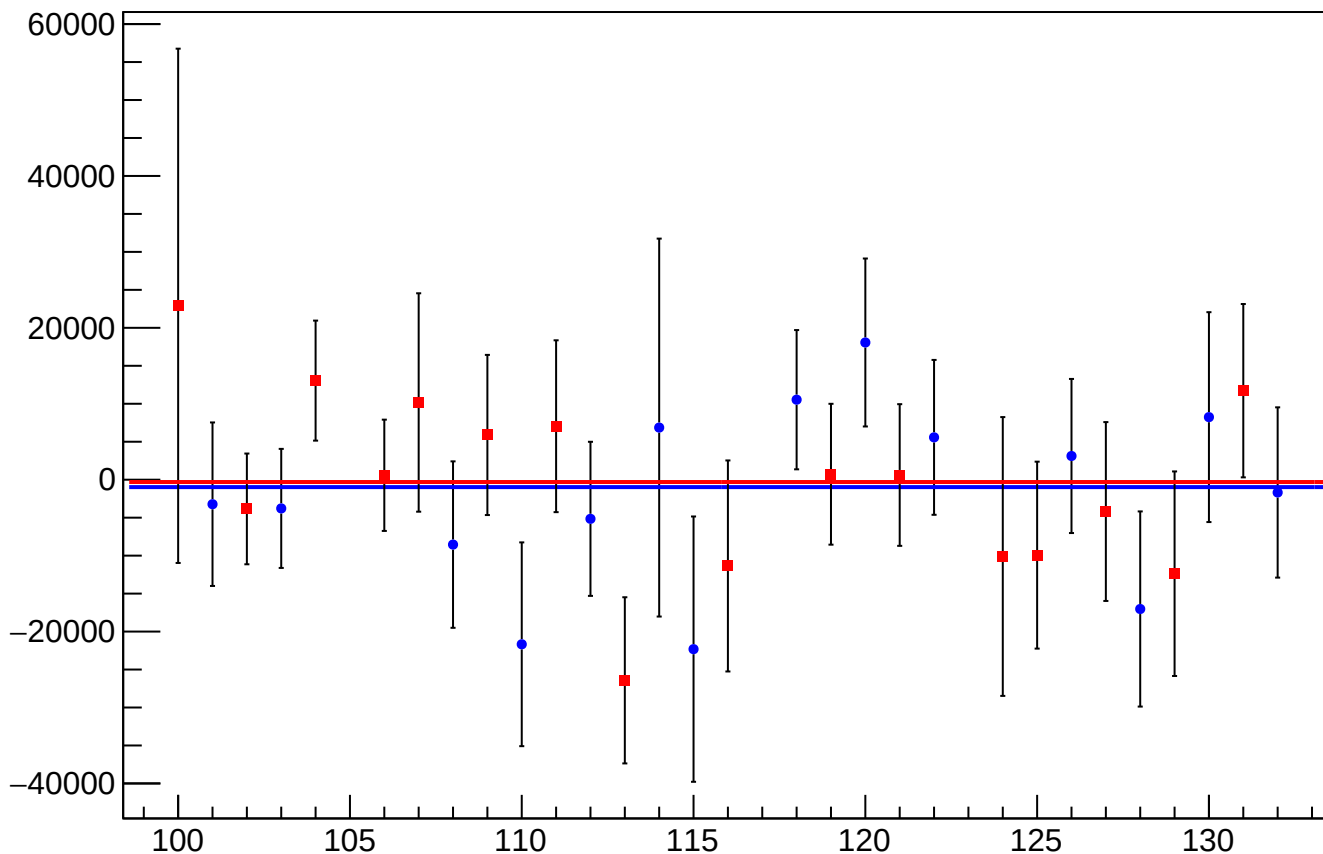
Right: 1662.156+/-0.343 χ^2/NDF : 431812.2/29

In: 1679.519+/-0.493 χ^2/NDF : 270499.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1662.156+/-0.343 χ^2/NDF : 431812.2/29

asym_at2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -976.409+/-2987.659 χ^2/NDF : 11.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -306.356+/-2648.411 χ^2/NDF : 14.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

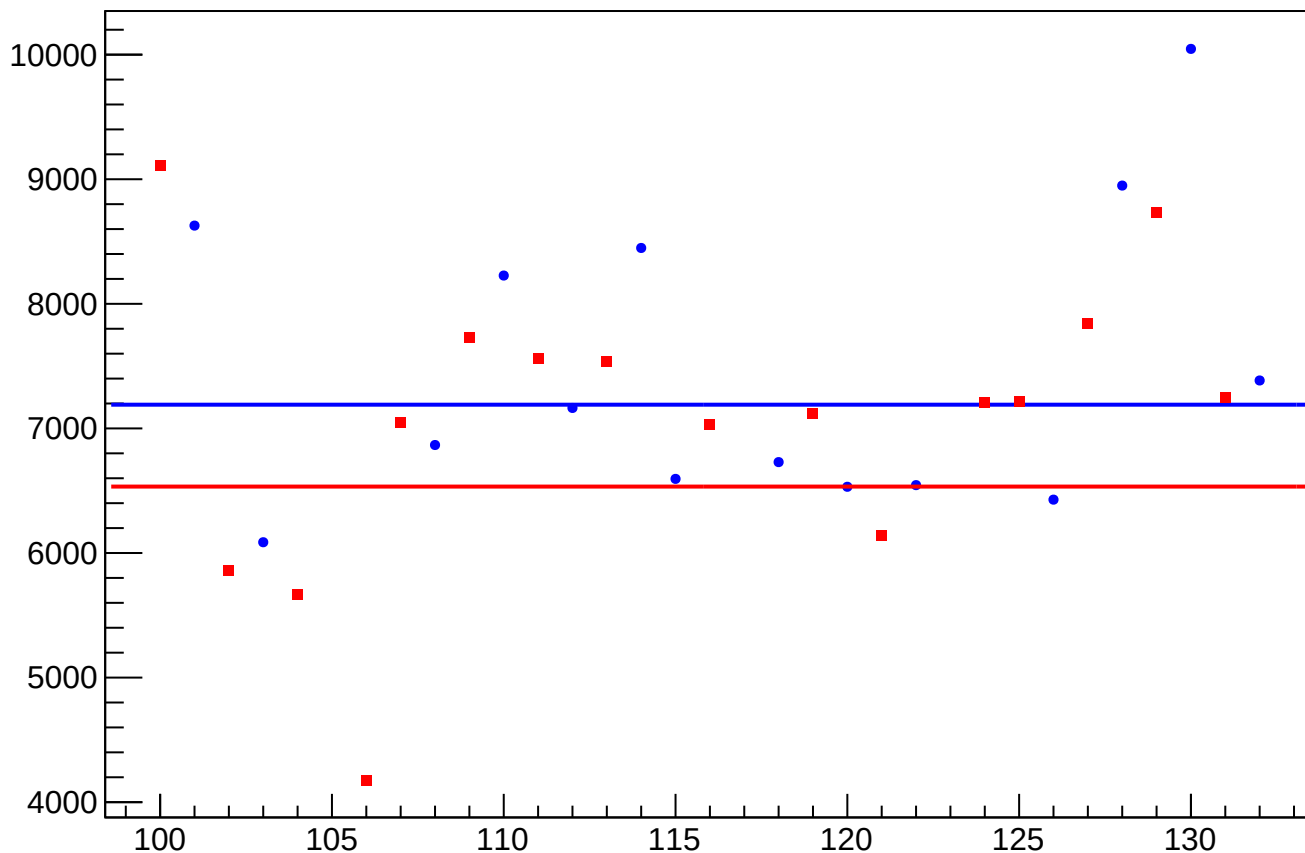
Right: -601.196+/-1981.845 χ^2/NDF : 26.1/29

In: -976.409+/-2987.659 χ^2/NDF : 11.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -601.196+/-1981.845 χ^2/NDF : 26.1/29

asym_at2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 7190.438+/-2.113 χ^2/NDF : 251372.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6533.206+/-1.873 χ^2/NDF : 430136.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

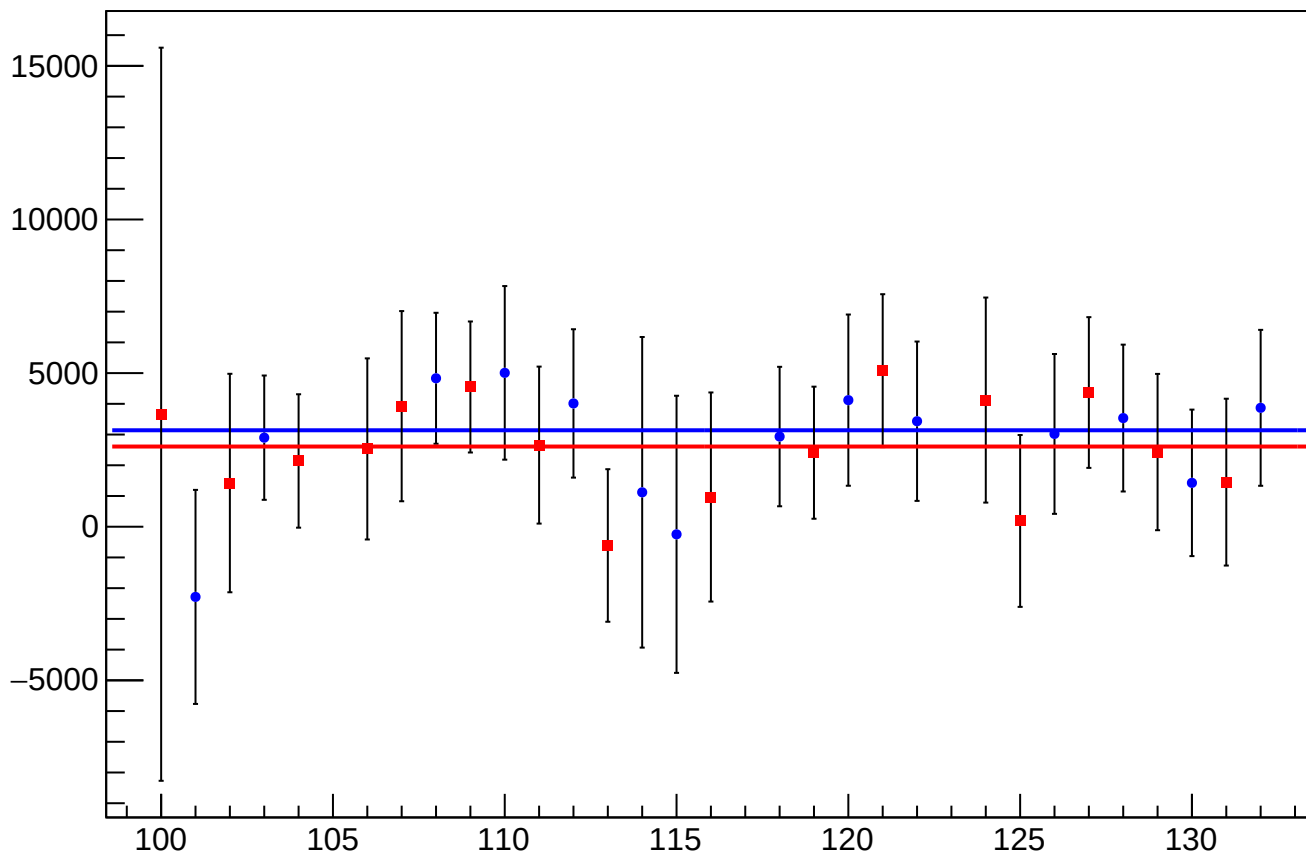
Right: 6822.405+/-1.401 χ^2/NDF : 735705.8/29

In: 7190.438+/-2.113 χ^2/NDF : 251372.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6822.405+/-1.401 χ^2/NDF : 735705.8/29

eigen_dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3139.320 $\pm$ 697.140 χ^2 /NDF: 5.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2609.971 $\pm$ 675.527 χ^2 /NDF: 5.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

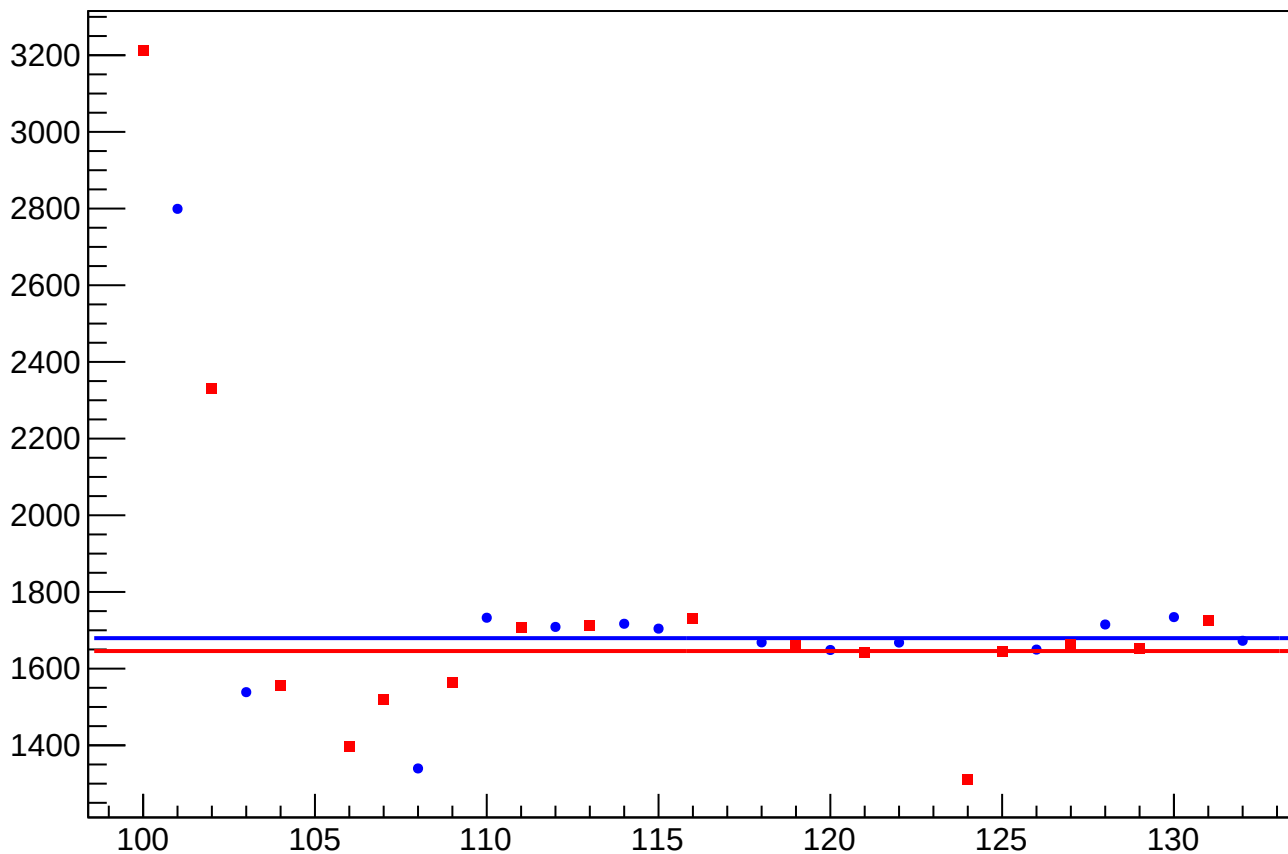
Right: 2866.313 $\pm$ 485.131 χ^2 /NDF: 11.2/29

In: 3139.320 $\pm$ 697.140 χ^2 /NDF:5.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2866.313 $\pm$ 485.131 χ^2 /NDF: 11.2/29

eigen_dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1679.518+/-0.493 χ^2/NDF : 270499.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1645.866+/-0.477 χ^2/NDF : 158908.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

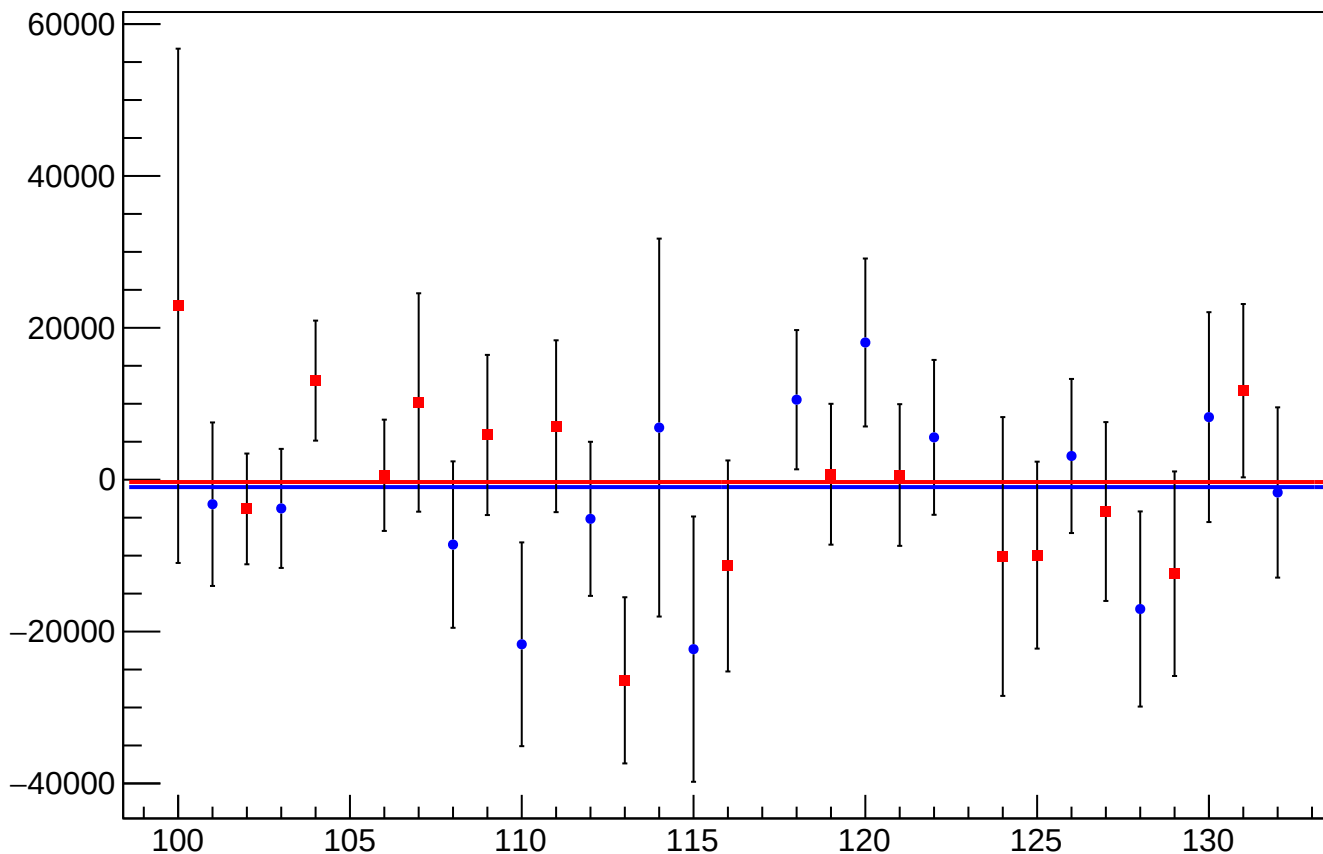
Right: 1662.155+/-0.343 χ^2/NDF : 431811.8/29

In: 1679.518+/-0.493 χ^2/NDF : 270499.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1662.155+/-0.343 χ^2/NDF : 431811.8/29

asym_at2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -976.398+/-2987.650 χ^2/NDF : 11.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -306.348+/-2648.405 χ^2/NDF : 14.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

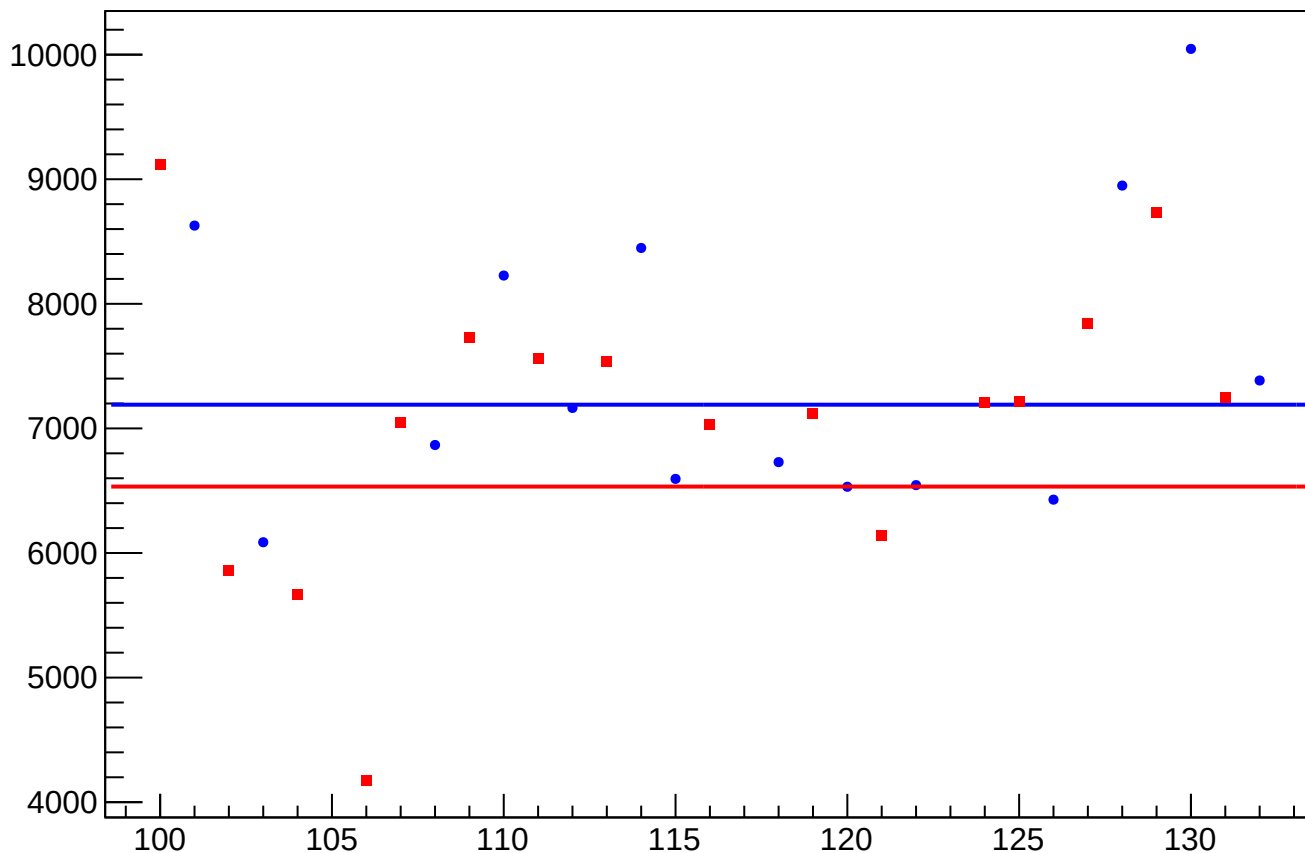
Right: -601.187+/-1981.840 χ^2/NDF : 26.1/29

In: -976.398+/-2987.650 χ^2/NDF : 11.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -601.187+/-1981.840 χ^2/NDF : 26.1/29

asym_at2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 7190.418+/-2.113 χ^2/NDF : 251371.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6533.191+/-1.873 χ^2/NDF : 430134.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

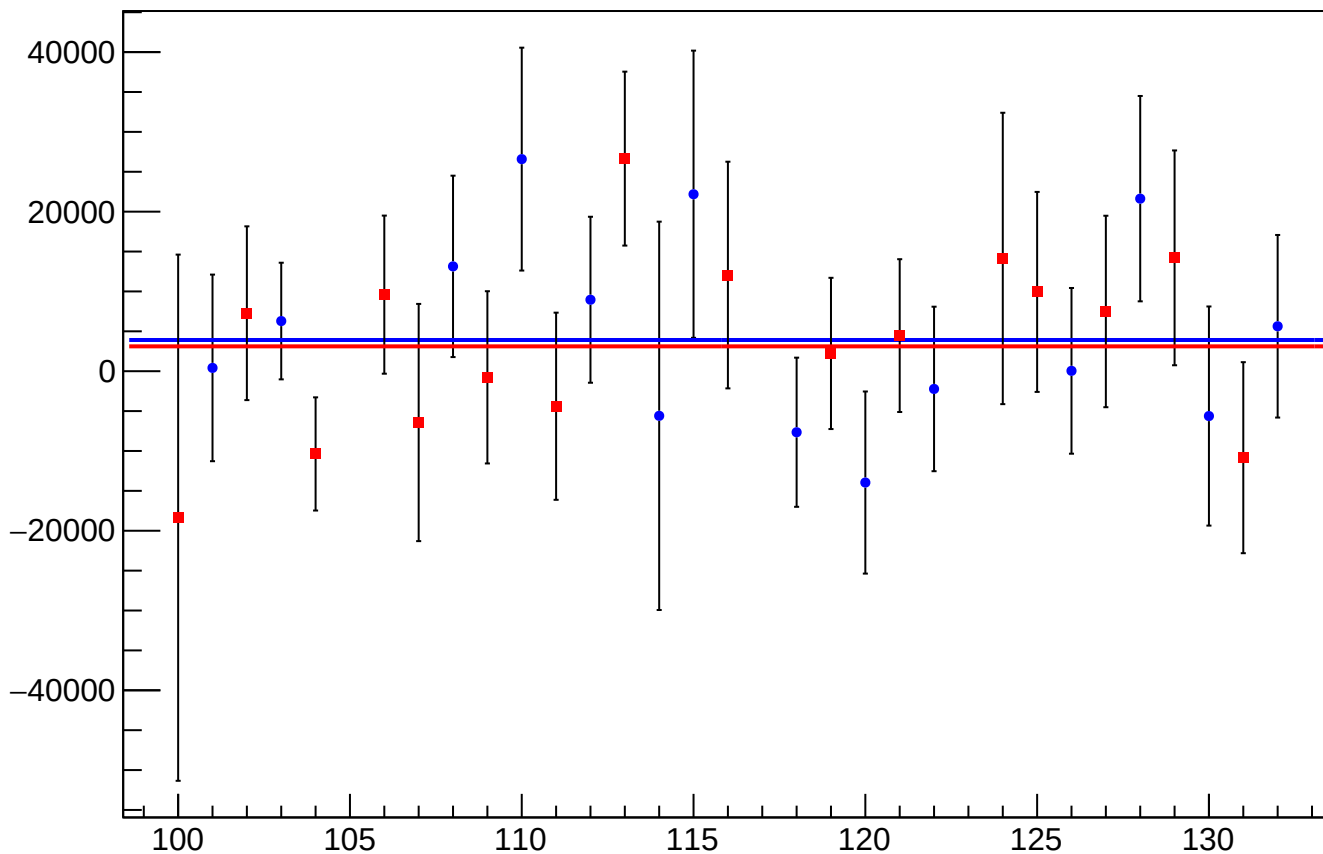
Right: 6822.387+/-1.401 χ^2/NDF : 735702.4/29

In: 7190.418+/-2.113 χ^2/NDF : 251371.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6822.387+/-1.401 χ^2/NDF : 735702.4/29

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3911.510+/-3019.812 χ^2/NDF : 11.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3114.773+/-2840.142 χ^2/NDF : 13.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

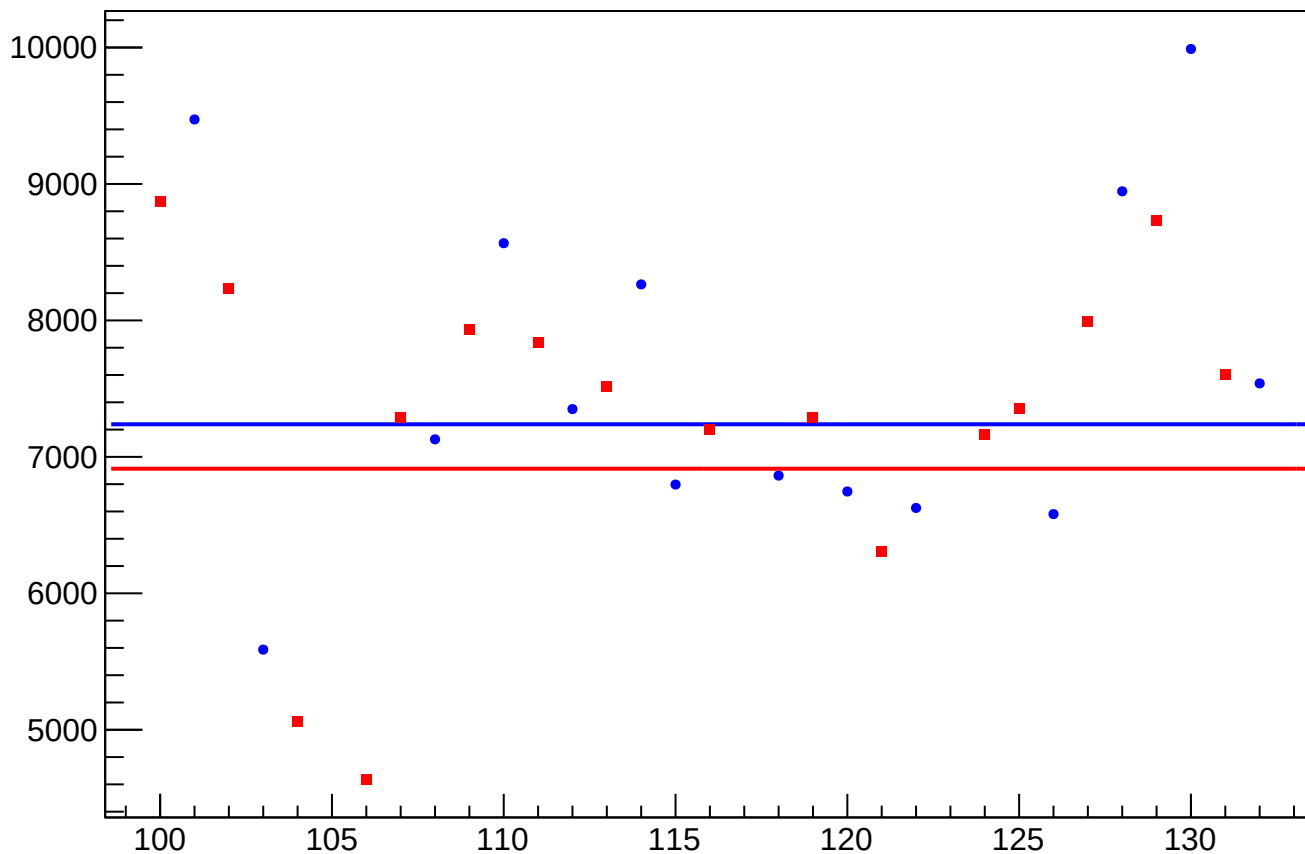
Right: 3488.736+/-2068.887 χ^2/NDF : 25.3/29

In: 3911.510+/-3019.812 χ^2/NDF : 11.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3488.736+/-2068.887 χ^2/NDF : 25.3/29

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7238.818+/-2.135 χ^2/NDF : 337032.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6913.295+/-2.008 χ^2/NDF : 390467.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

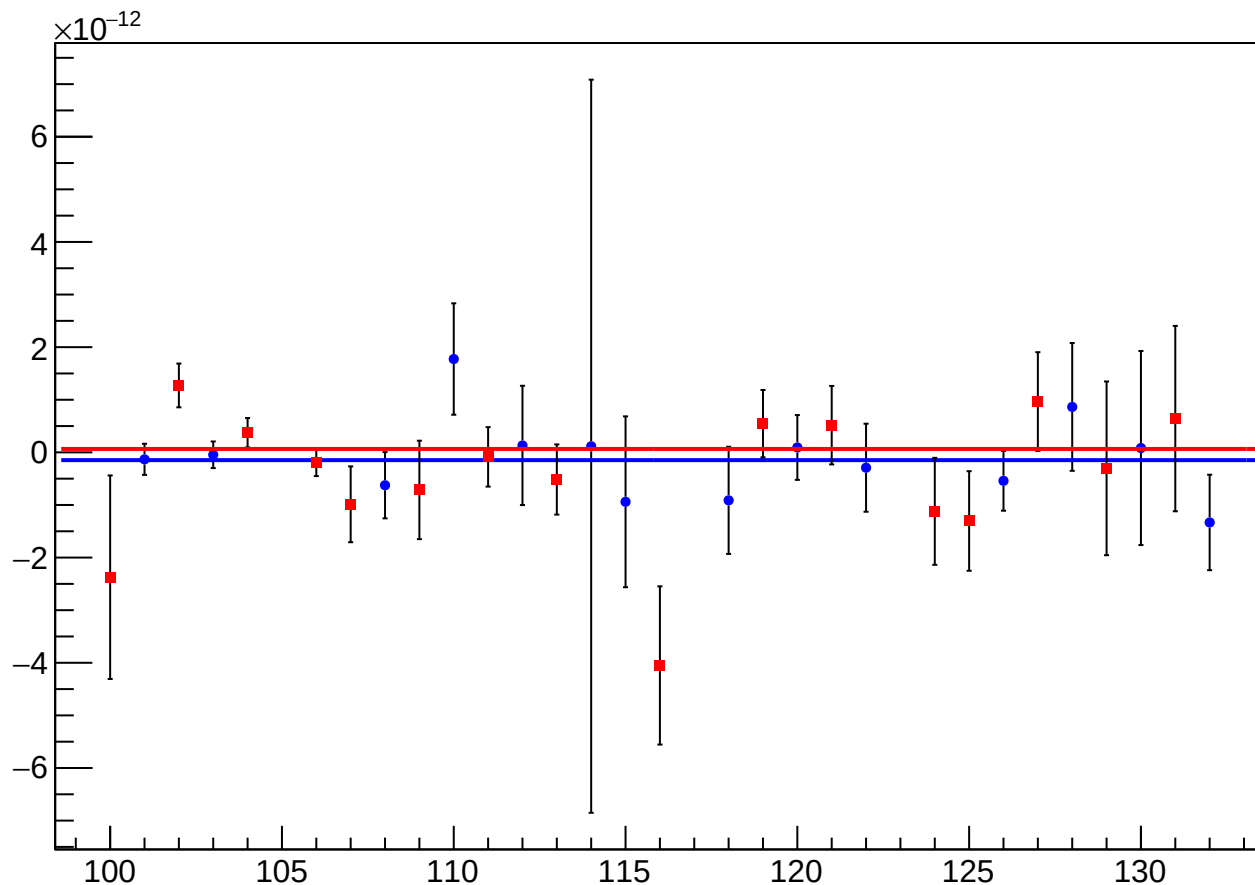
Right: 7066.074+/-1.463 χ^2/NDF : 739832.4/29

In: 7238.818+/-2.135 χ^2/NDF : 337032.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7066.074+/-1.463 χ^2/NDF : 739832.4/29

asym_at2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 28.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

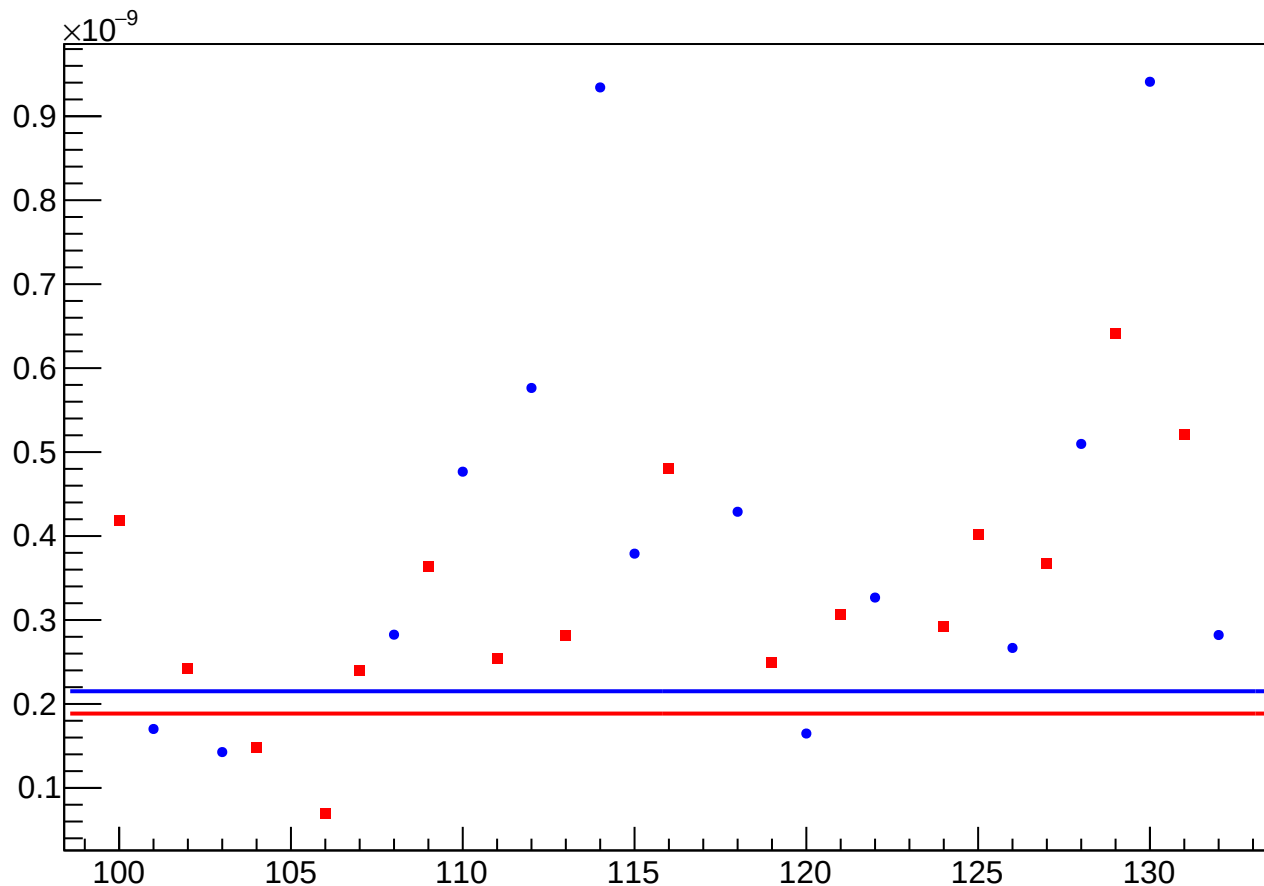
Right: -0.000+/-0.000 χ^2/NDF : 37.9/29

In: -0.000+/-0.000 χ^2/NDF : 8.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 37.9/29

asym_at2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1192101.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1253426.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

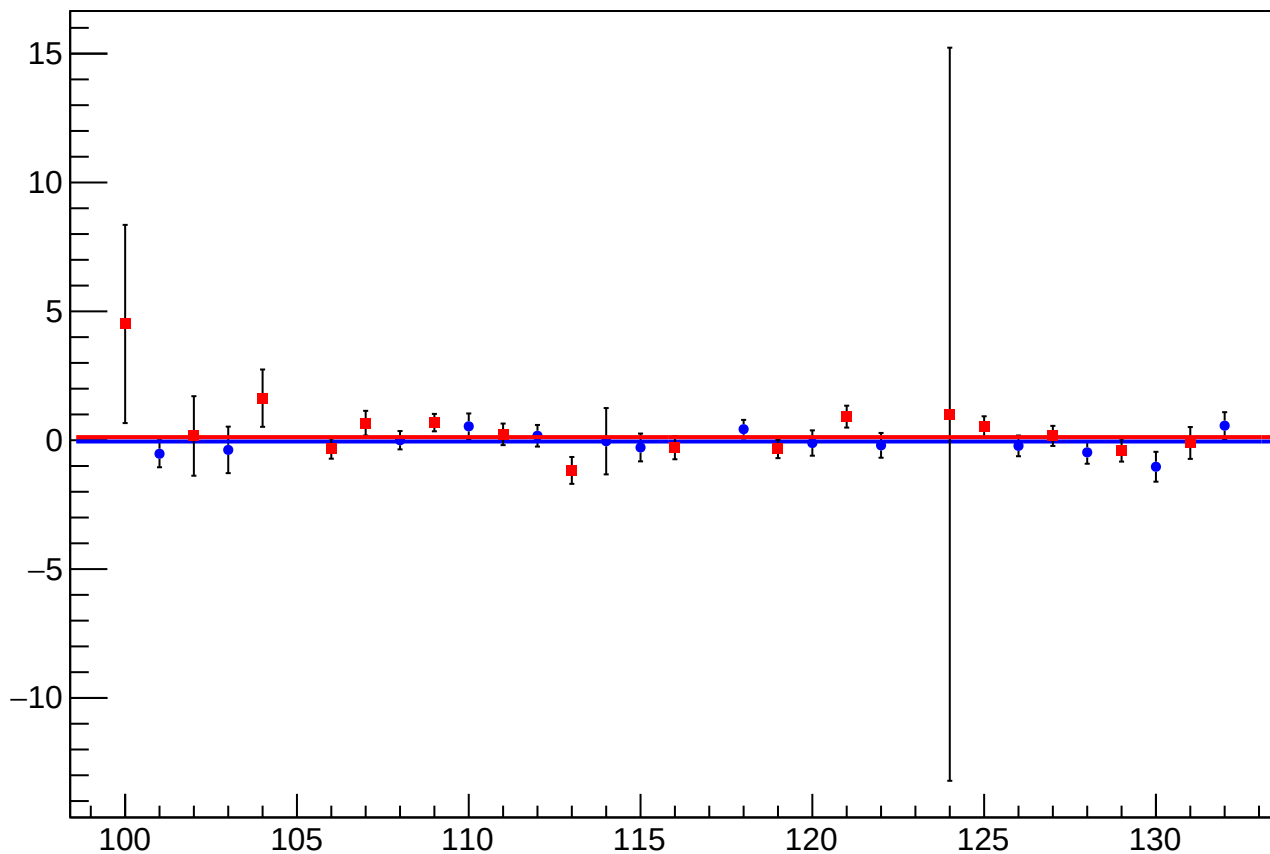
Right: 0.000+/-0.000 χ^2/NDF : 2478240.8/29

In: 0.000+/-0.000 χ^2/NDF : 1192101.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2478240.8/29

asym_at2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.050 ± 0.128 $\chi^2/\text{NDF}: 10.0/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.121 ± 0.121 $\chi^2/\text{NDF}: 23.0/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

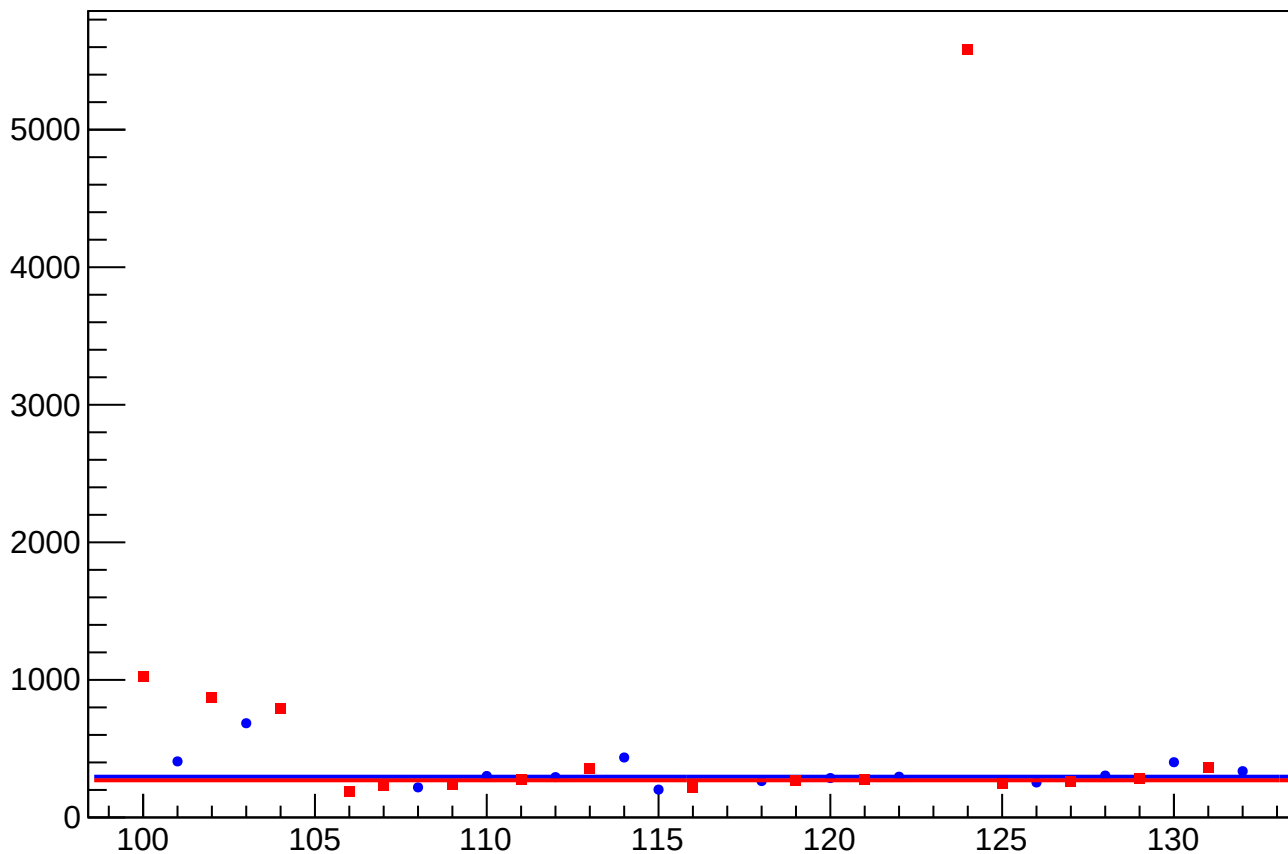
Right: 0.041 ± 0.088 $\chi^2/\text{NDF}: 34.0/29$

In: -0.050 ± 0.128 $\chi^2/\text{NDF}: 10.0/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.041 ± 0.088 $\chi^2/\text{NDF}: 34.0/29$

asym_at2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 296.183+/-0.091 χ^2/NDF : 757392.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 270.090+/-0.085 χ^2/NDF : 1363723.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

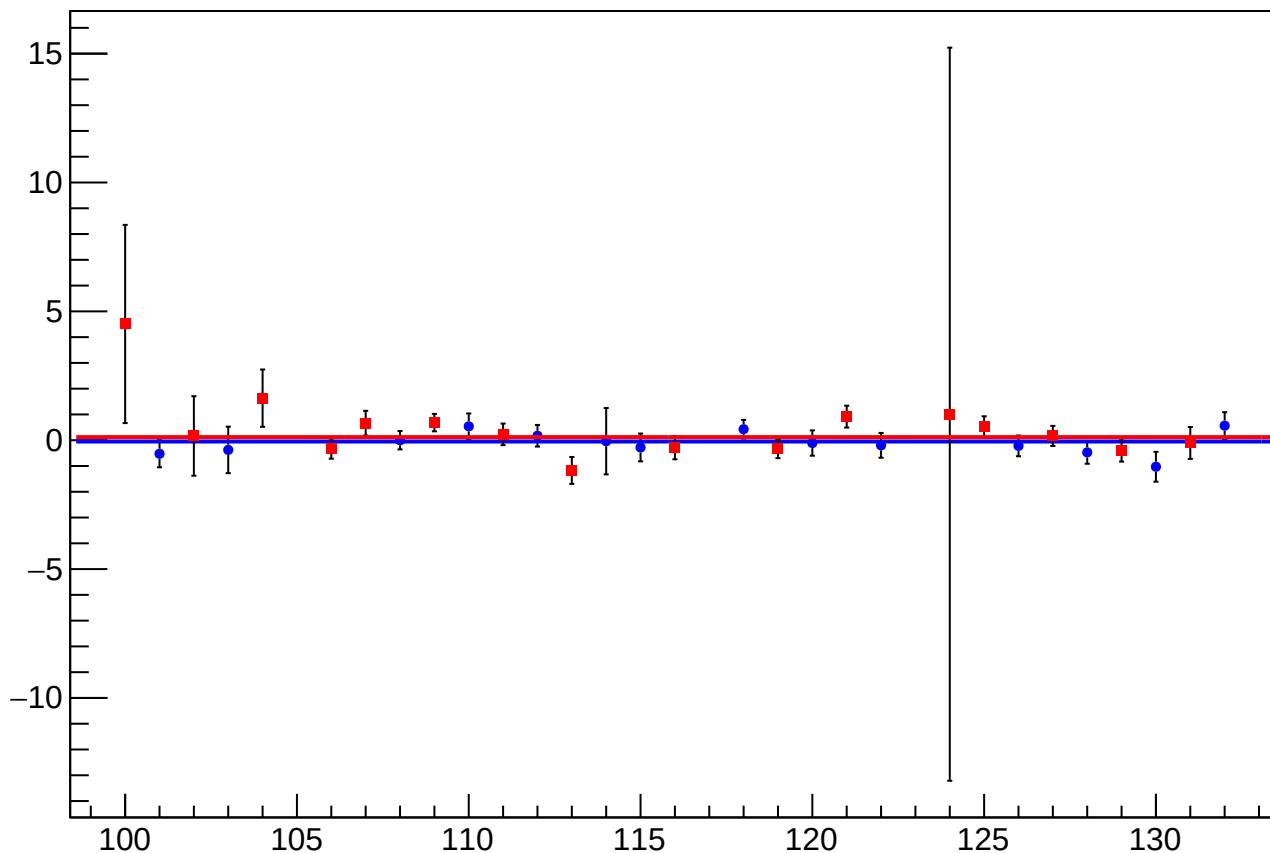
Right: 282.315+/-0.062 χ^2/NDF : 2164946.4/29

In: 296.183+/-0.091 χ^2/NDF : 757392.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 282.315+/-0.062 χ^2/NDF : 2164946.4/29

asym_at2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.050 ± 0.128 $\chi^2/\text{NDF}: 10.0/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.121 ± 0.121 $\chi^2/\text{NDF}: 23.0/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

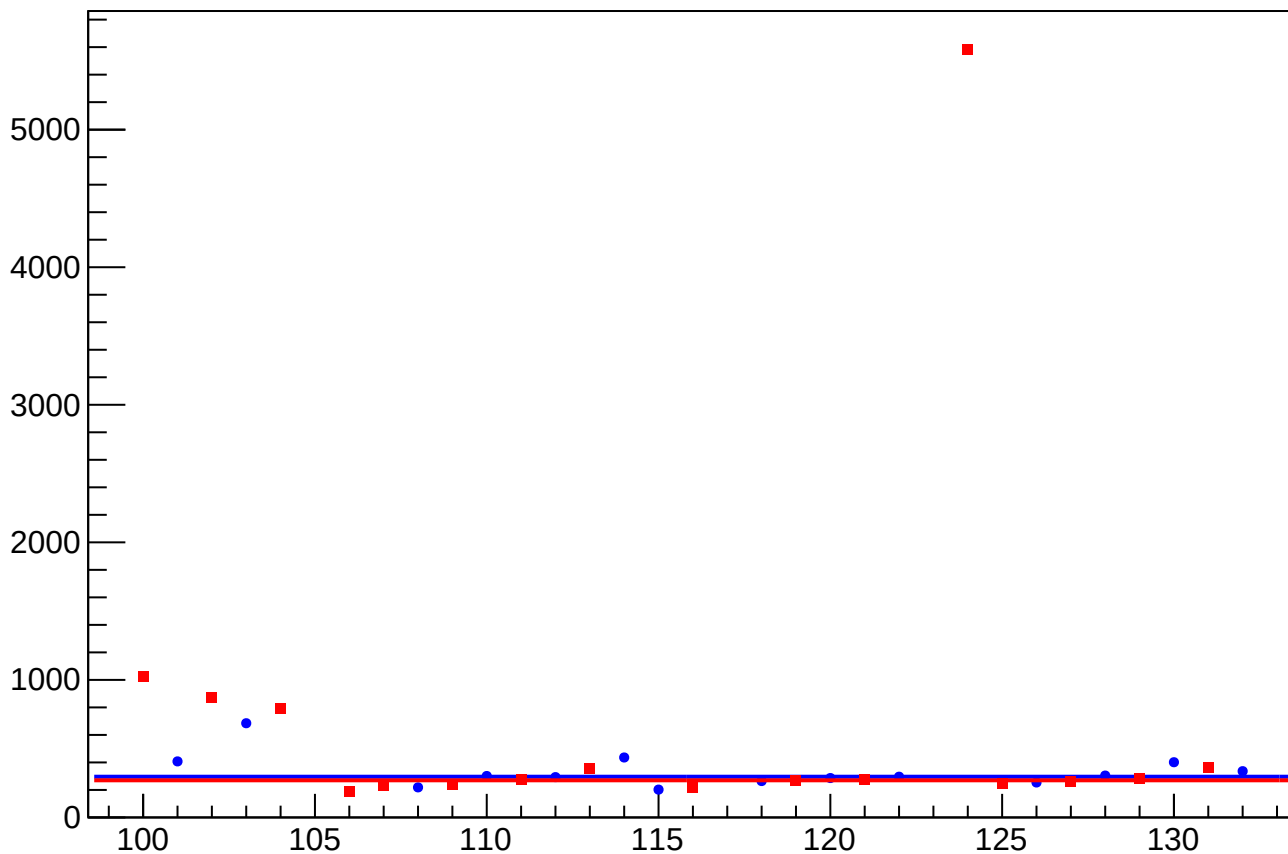
Right: 0.041 ± 0.088 $\chi^2/\text{NDF}: 34.0/29$

In: -0.050 ± 0.128 $\chi^2/\text{NDF}: 10.0/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.041 ± 0.088 $\chi^2/\text{NDF}: 34.0/29$

asym_at2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 296.183+/-0.091 χ^2/NDF : 757392.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 270.090+/-0.085 χ^2/NDF : 1363723.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

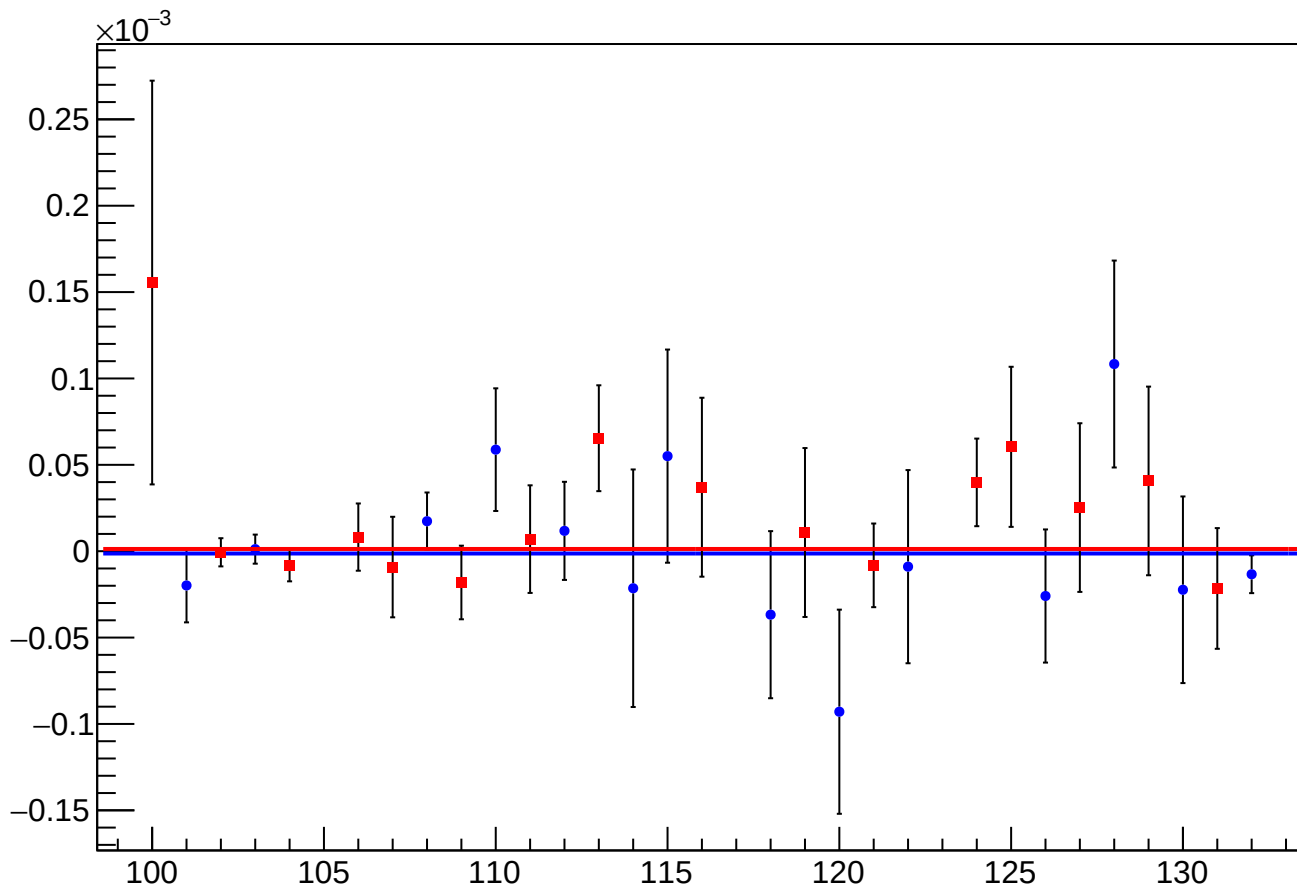
Right: 282.315+/-0.062 χ^2/NDF : 2164946.4/29

In: 296.183+/-0.091 χ^2/NDF : 757392.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 282.315+/-0.062 χ^2/NDF : 2164946.4/29

asym_at2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 14.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

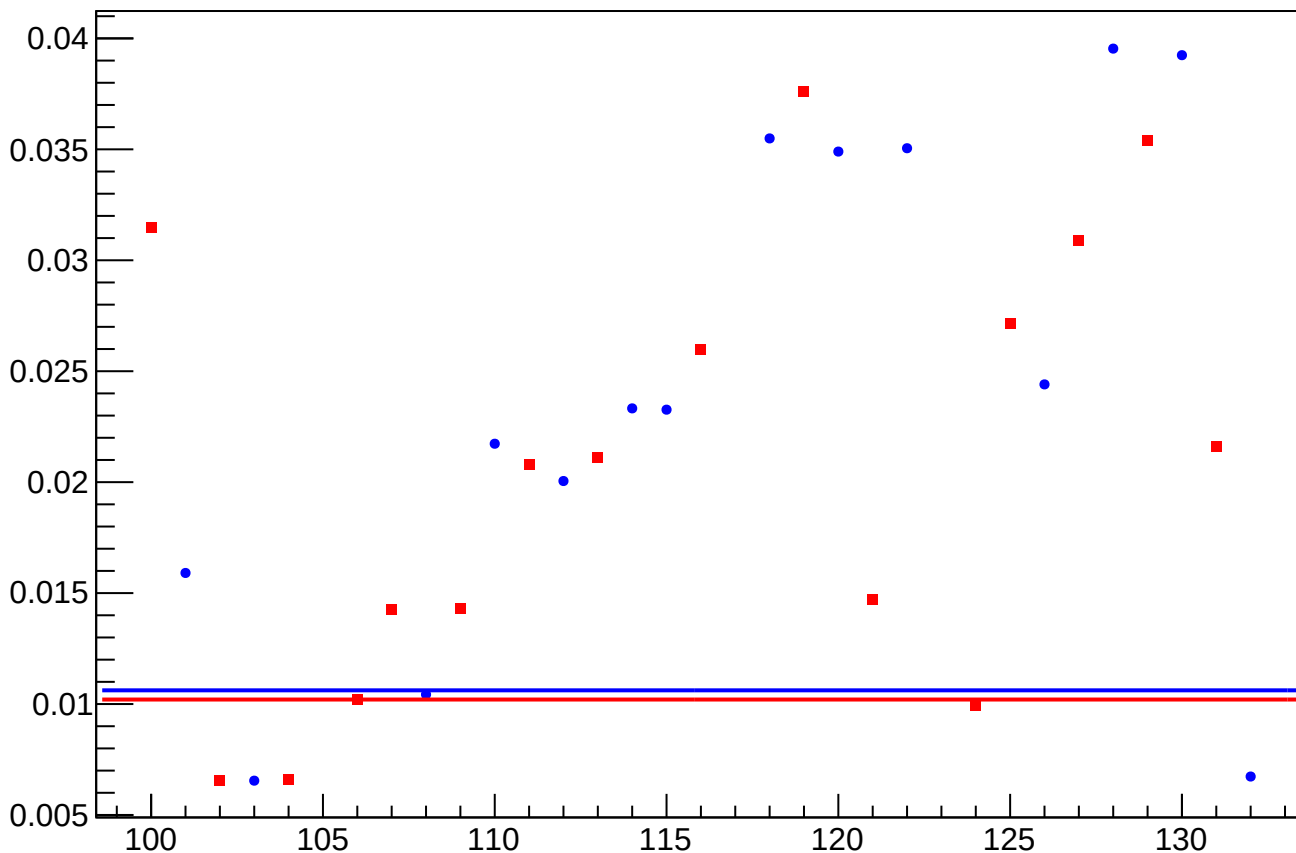
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 28.5/29

In: -0.000 $\pm$ 0.000 χ^2 /NDF:14.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 28.5/29

asym_at2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000

χ^2/NDF : 3944989.3/13

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000

χ^2/NDF : 3512776.7/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.010+/-0.000

χ^2/NDF : 7464084.6/29

In: 0.011+/-0.000

χ^2/NDF : 3944989.3/13

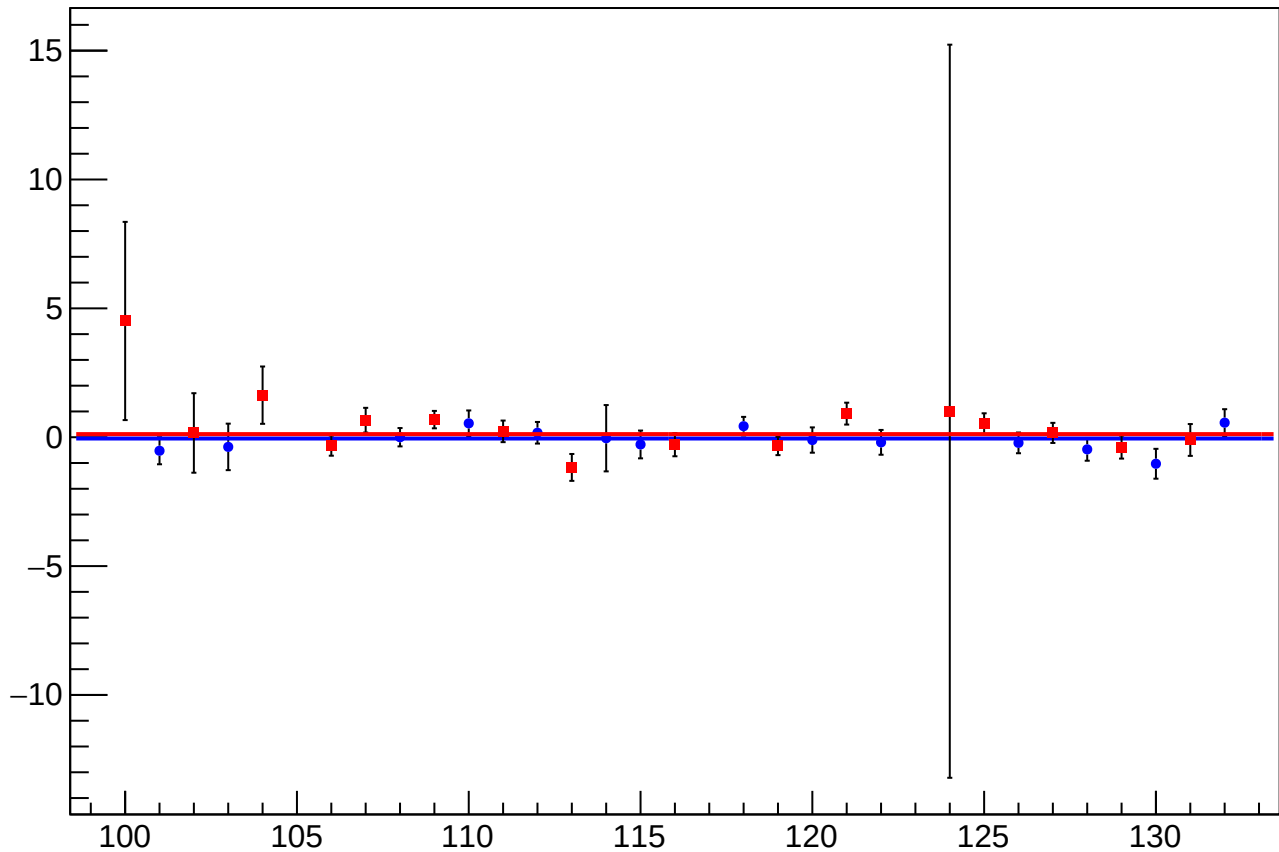
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.010+/-0.000

χ^2/NDF : 7464084.6/29

asym_at2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.050 ± 0.128 $\chi^2/\text{NDF}: 10.0/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.121 ± 0.121 $\chi^2/\text{NDF}: 23.0/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

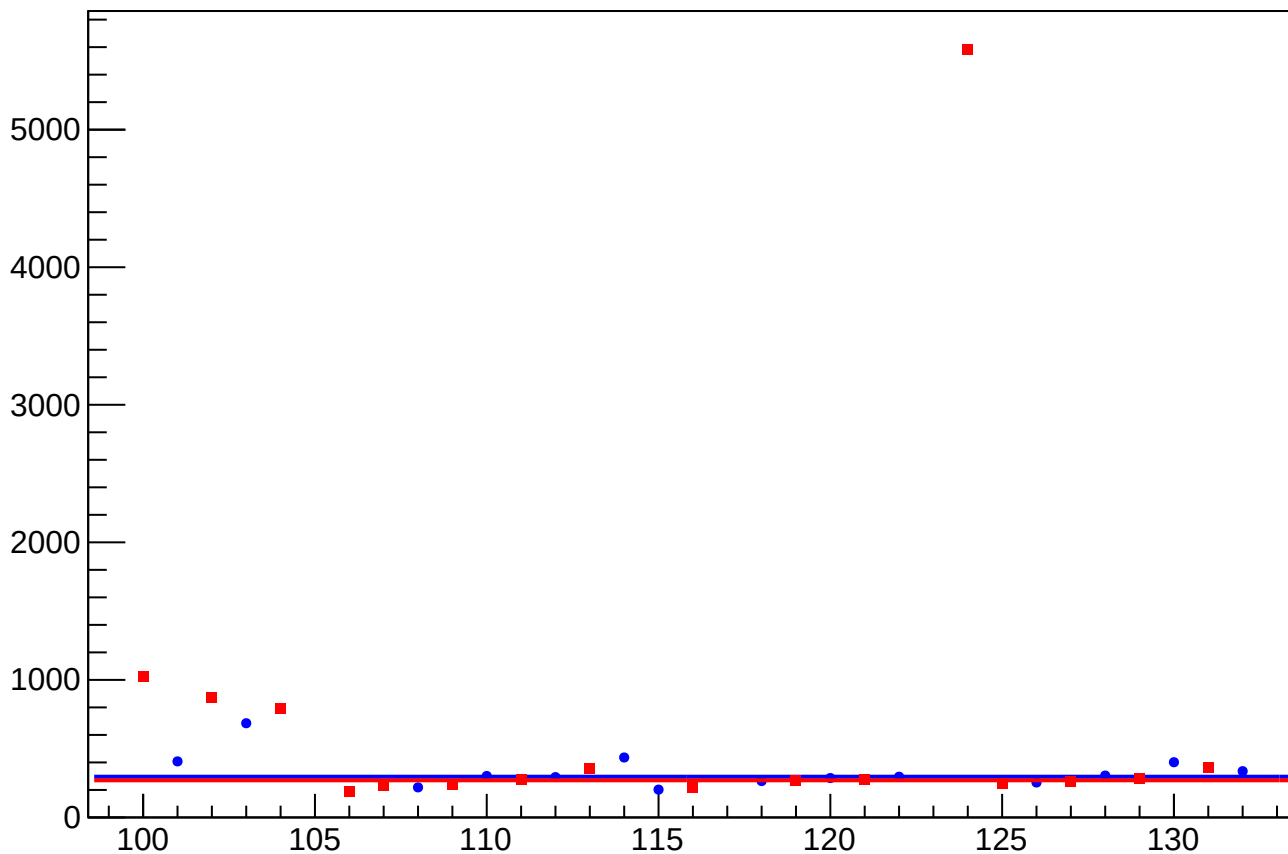
Right: 0.041 ± 0.088 $\chi^2/\text{NDF}: 34.0/29$

In: -0.050 ± 0.128 $\chi^2/\text{NDF}: 10.0/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.041 ± 0.088 $\chi^2/\text{NDF}: 34.0/29$

asym_at2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 296.181+/-0.091 χ^2/NDF : 757340.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 270.089+/-0.085 χ^2/NDF : 1363703.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

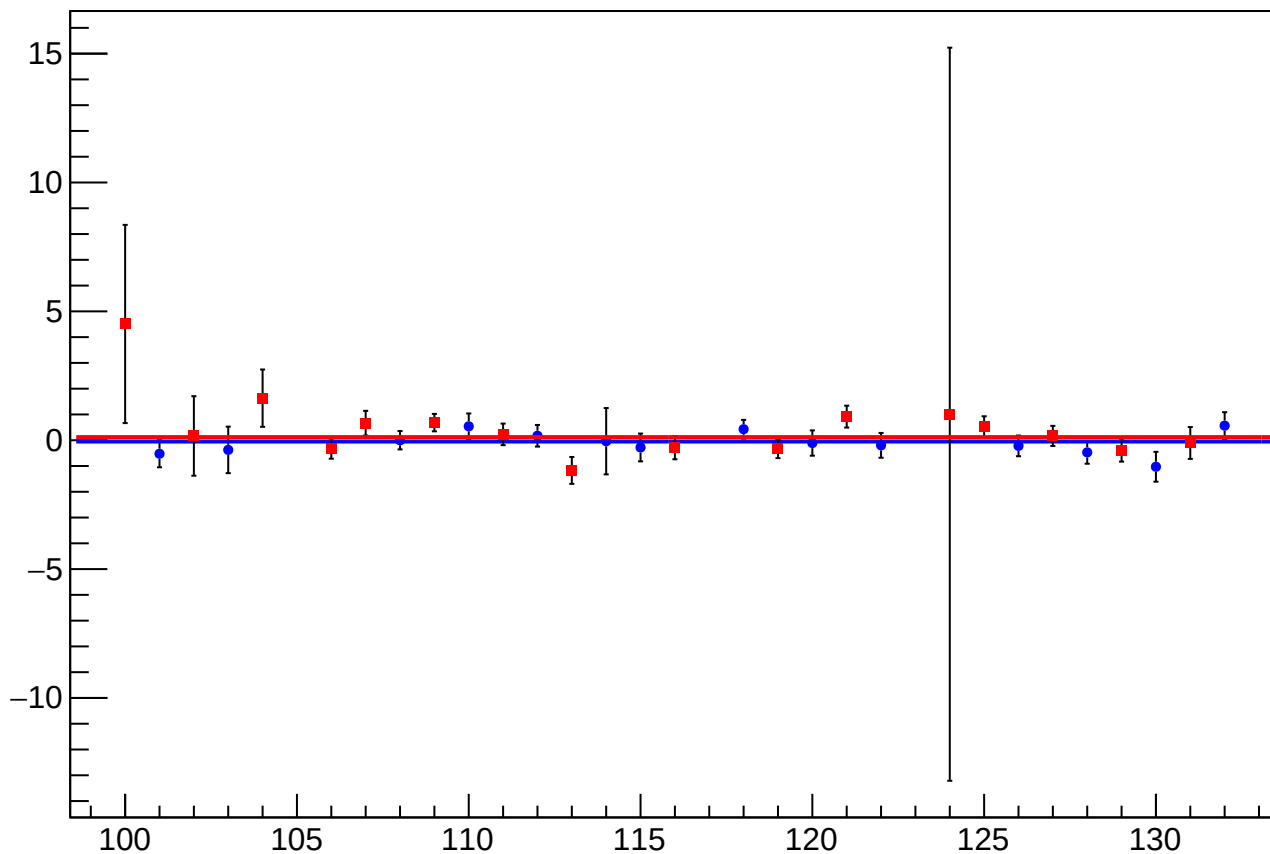
Right: 282.315+/-0.062 χ^2/NDF : 2164873.8/29

In: 296.181+/-0.091 χ^2/NDF : 757340.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 282.315+/-0.062 χ^2/NDF : 2164873.8/29

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.050 ± 0.128 $\chi^2/\text{NDF}: 10.0/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.121 ± 0.121 $\chi^2/\text{NDF}: 23.0/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

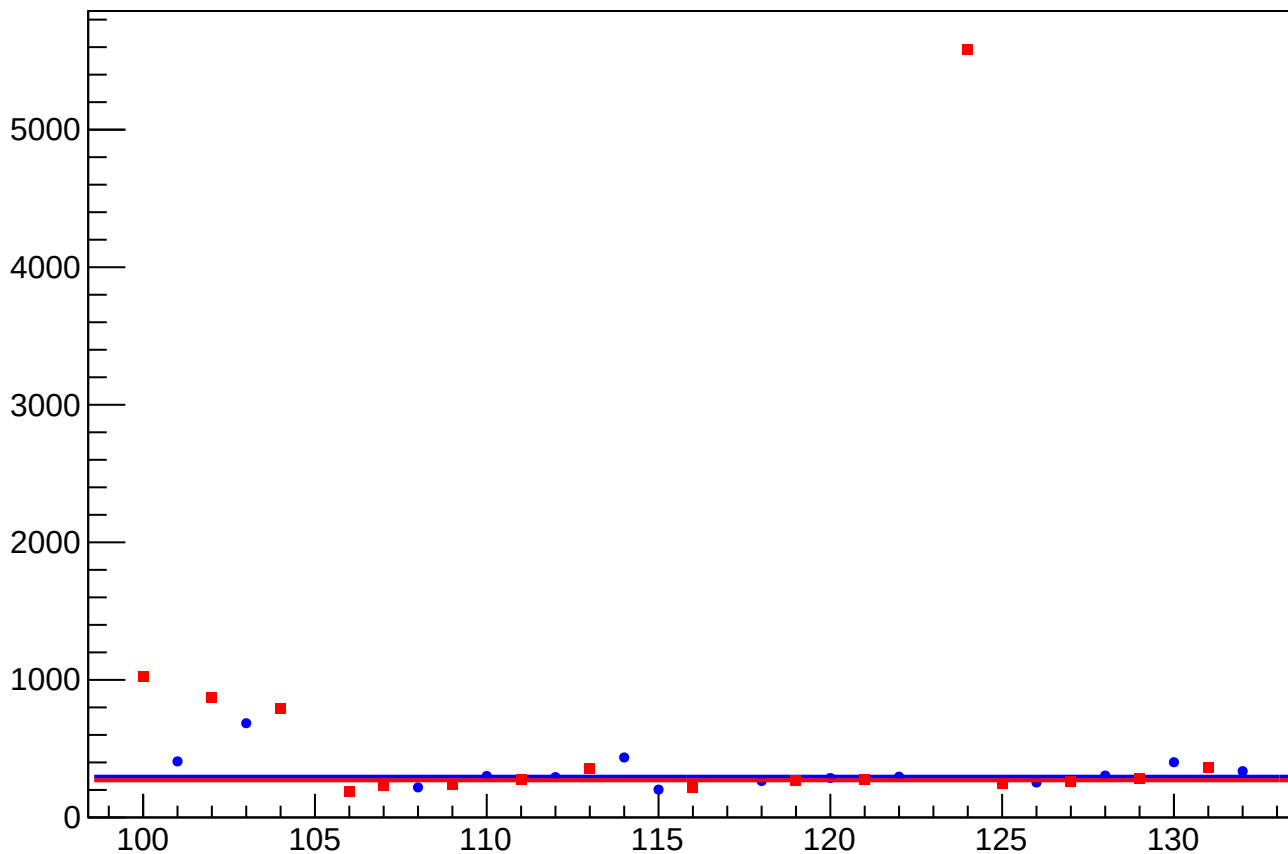
Right: 0.041 ± 0.088 $\chi^2/\text{NDF}: 34.0/29$

In: -0.050 ± 0.128 $\chi^2/\text{NDF}: 10.0/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.041 ± 0.088 $\chi^2/\text{NDF}: 34.0/29$

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 296.181+/-0.091 χ^2/NDF : 757340.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 270.089+/-0.085 χ^2/NDF : 1363703.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

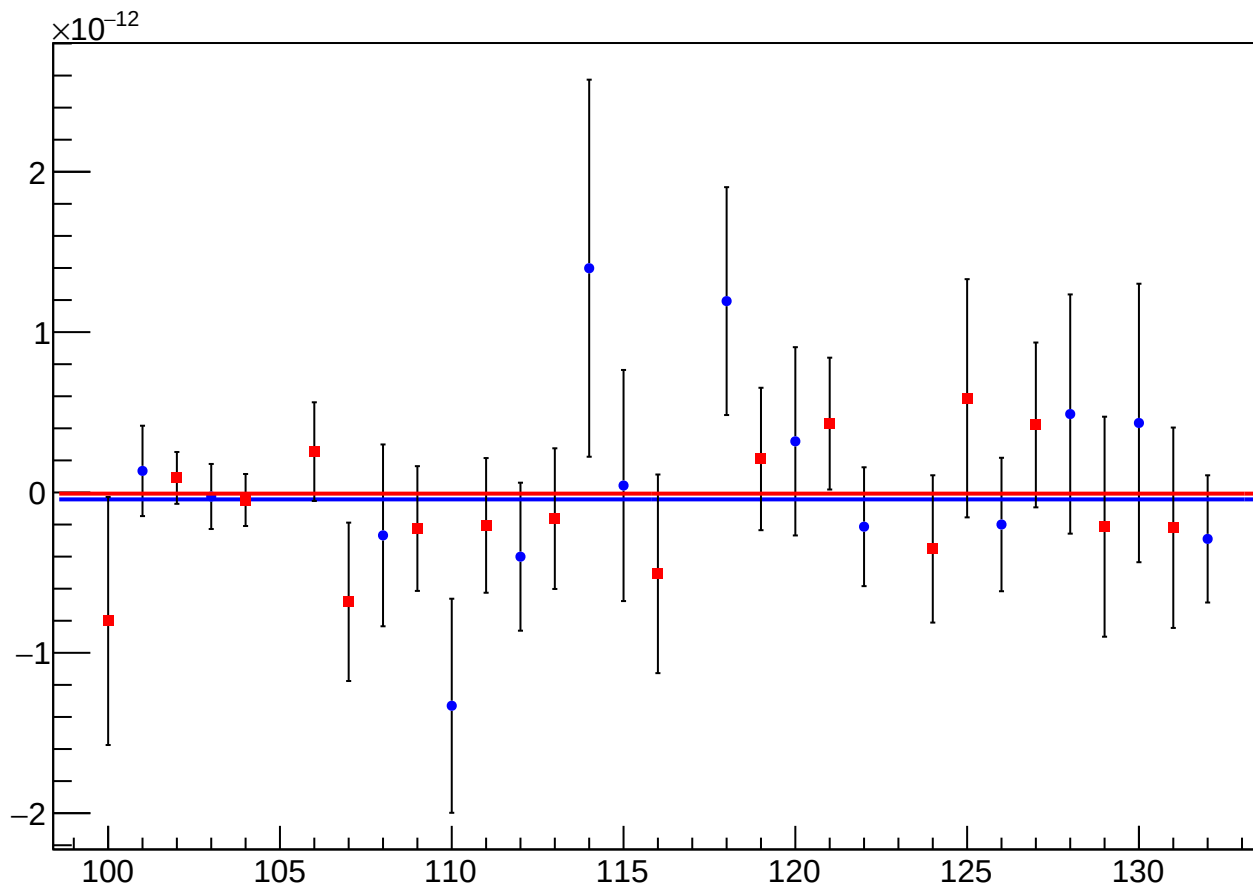
Right: 282.315+/-0.062 χ^2/NDF : 2164873.8/29

In: 296.181+/-0.091 χ^2/NDF : 757340.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 282.315+/-0.062 χ^2/NDF : 2164873.8/29

asym_at2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

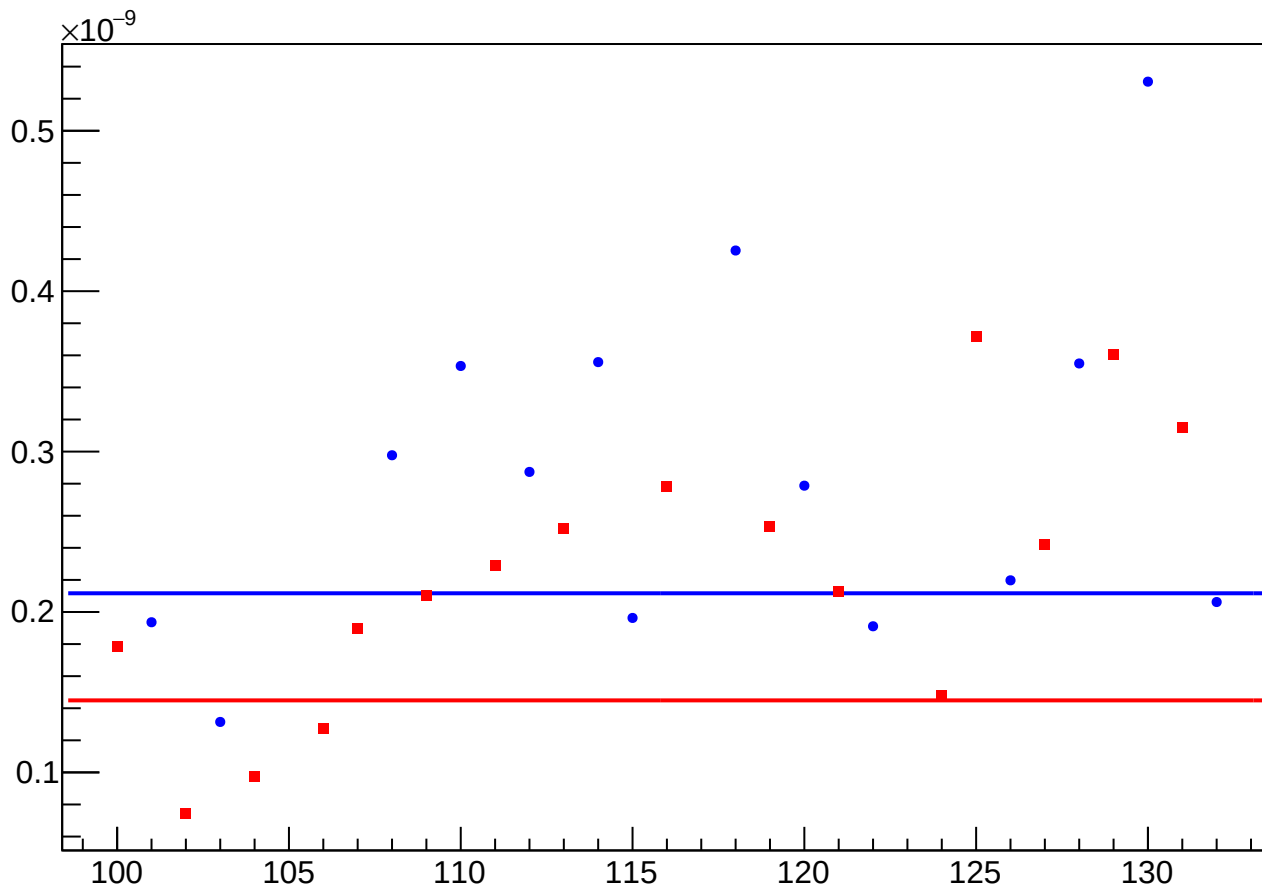
Right: -0.000+/-0.000 χ^2/NDF : 20.3/29

In: -0.000+/-0.000 χ^2/NDF : 11.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.3/29

asym_at2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1099627.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1706289.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

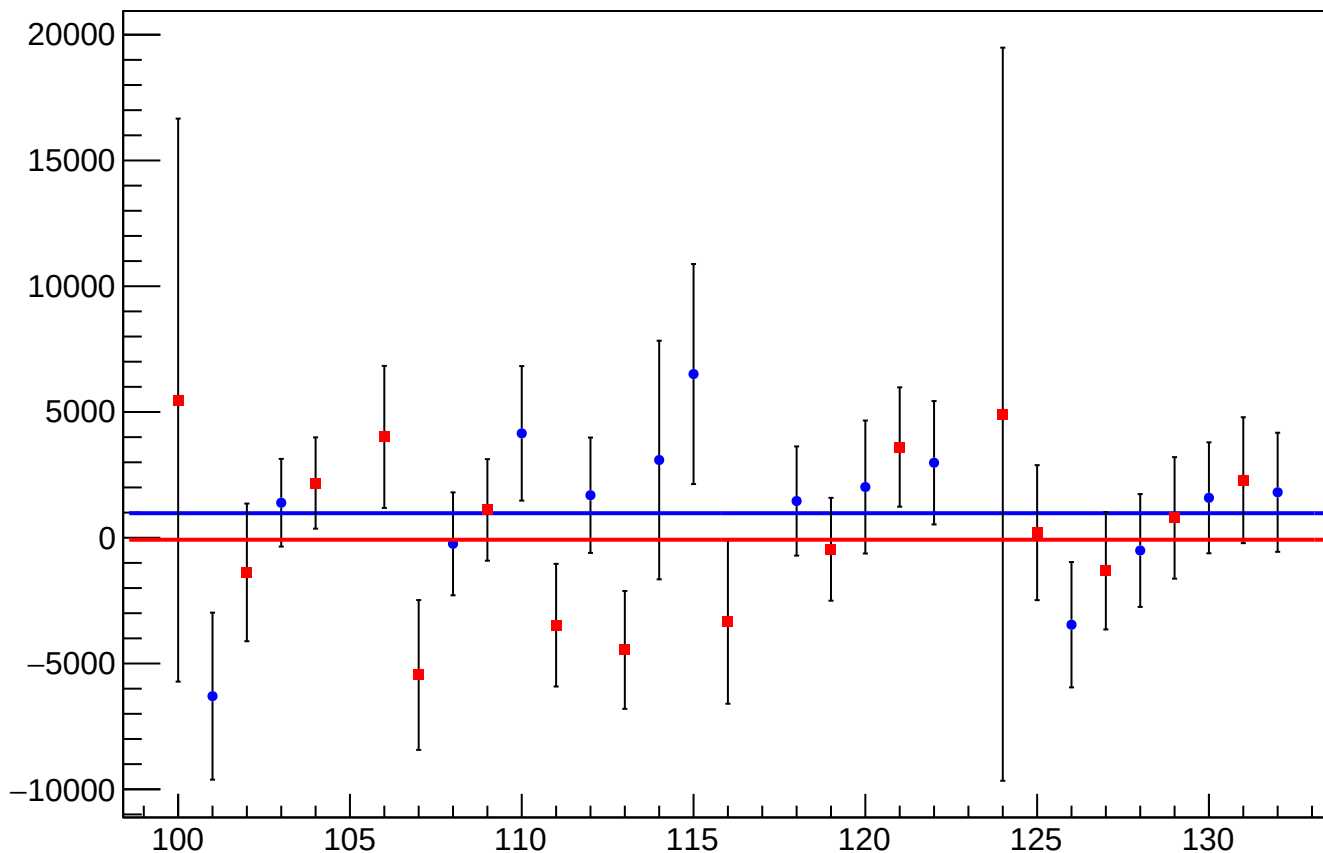
Right: 0.000+/-0.000 χ^2/NDF : 3247401.5/29

In: 0.000+/-0.000 χ^2/NDF : 1099627.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3247401.5/29

reg_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 976.205+/-652.221 χ^2/NDF : 13.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -78.669+/-639.021 χ^2/NDF : 18.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

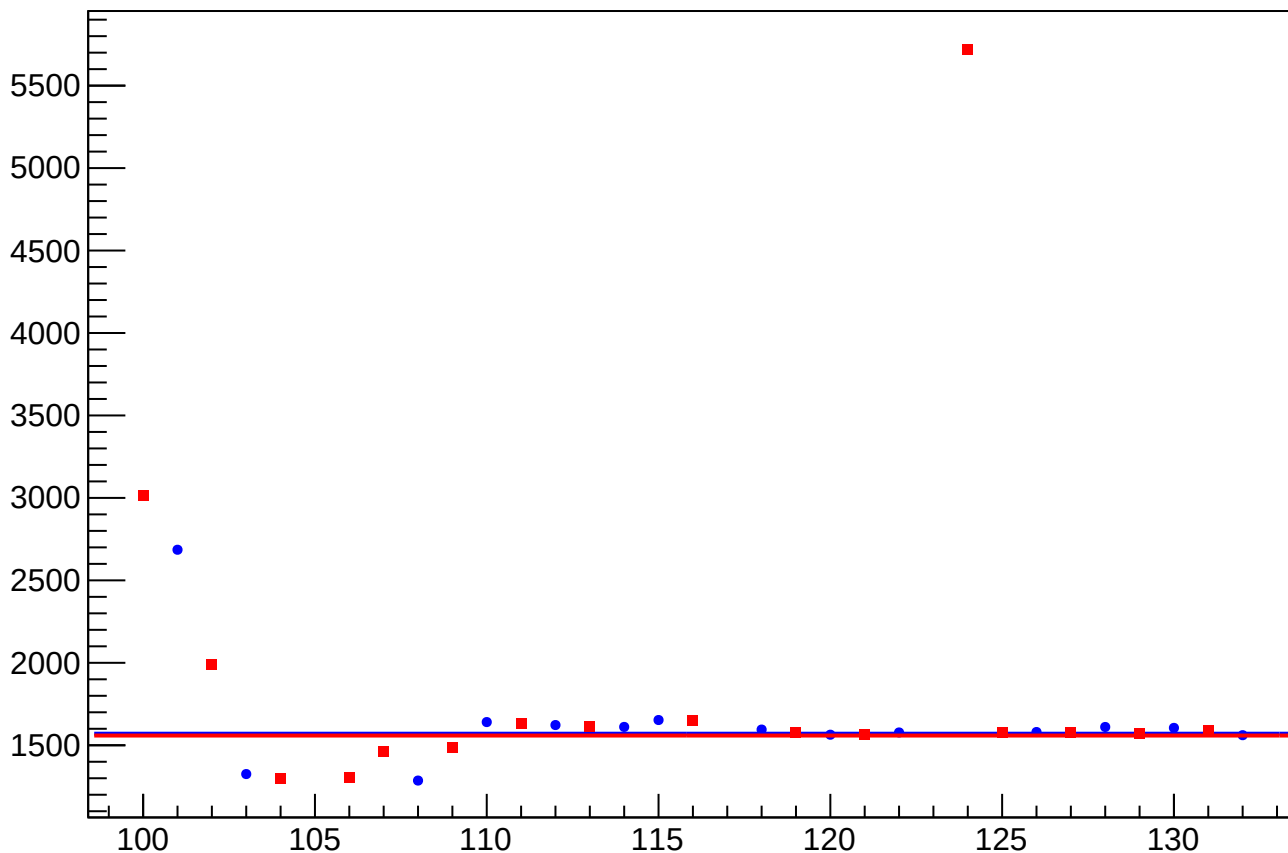
Right: 437.985+/-456.451 χ^2/NDF : 32.6/29

In: 976.205+/-652.221 χ^2/NDF : 13.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 437.985+/-456.451 χ^2/NDF : 32.6/29

reg_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1570.090+/-0.461 χ^2 /NDF: 308628.1/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1558.984+/-0.452 χ^2 /NDF: 312981.5/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

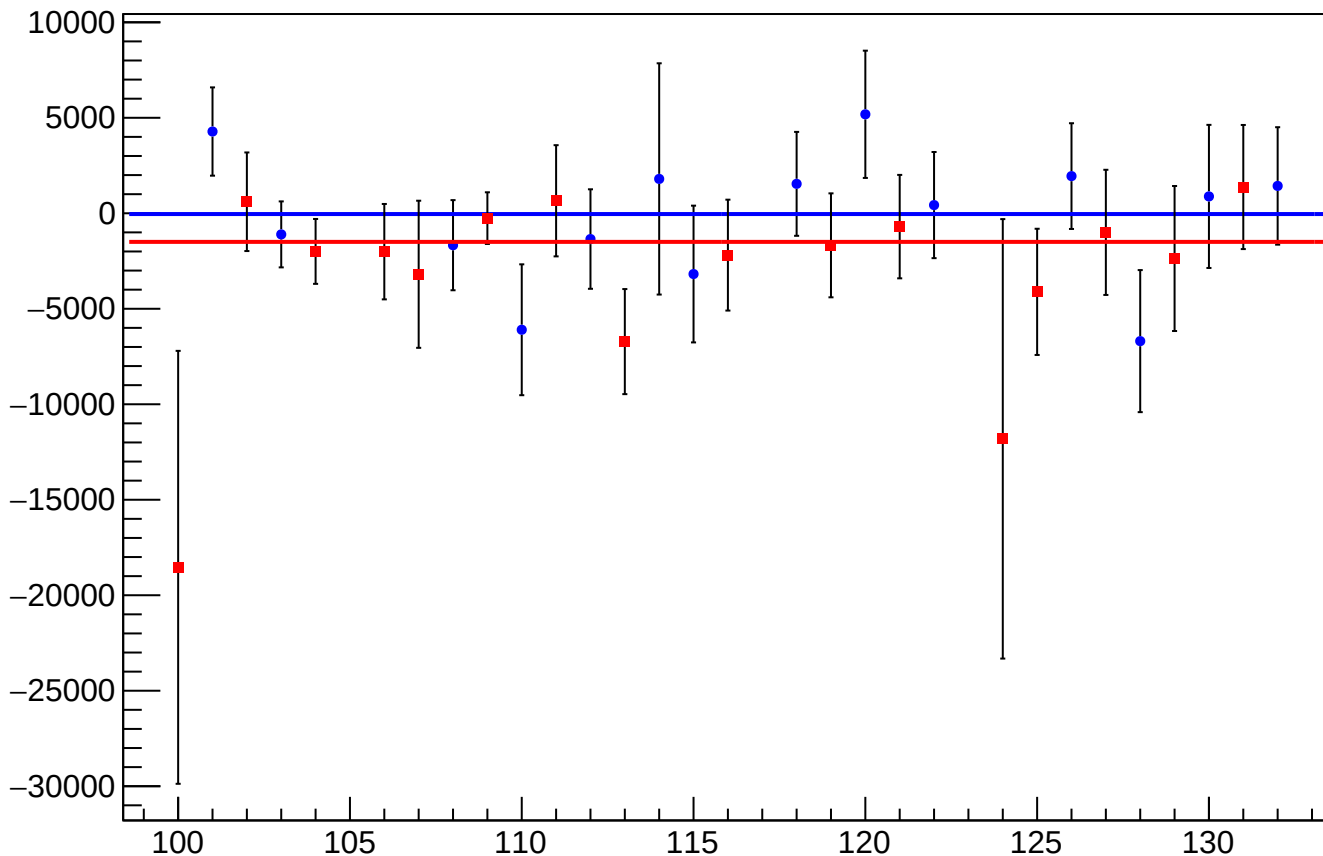
Right: 1564.423+/-0.323 χ^2 /NDF: 621905.5/29

In: 1570.090+/-0.461 χ^2 /NDF:308628.1/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1564.423+/-0.323 χ^2 /NDF: 621905.5/29

asym_at2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -40.102 ± 750.775 χ^2/NDF : 15.4/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1497.318 ± 662.910 χ^2/NDF : 10.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

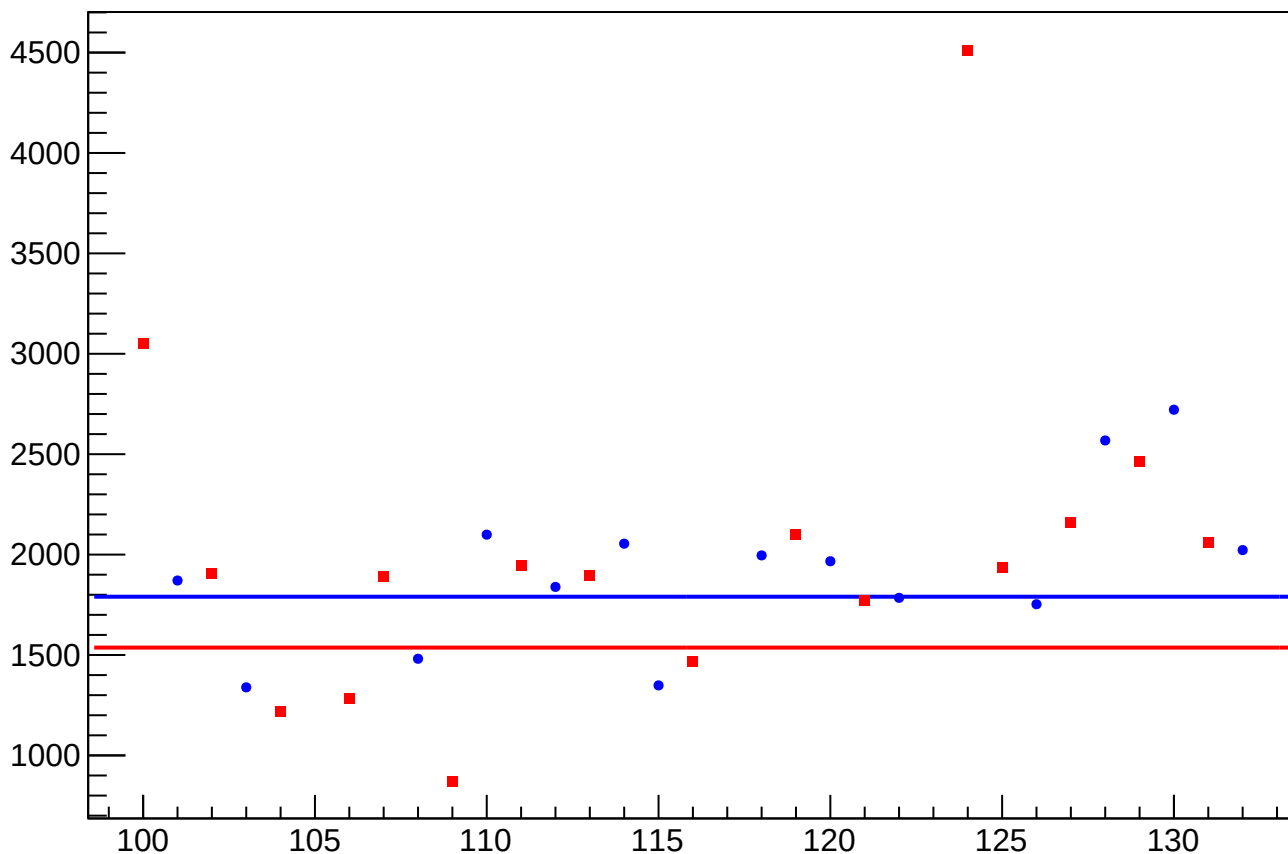
Right: -858.932 ± 496.923 χ^2/NDF : 28.2/29

In: -40.102 ± 750.775 χ^2/NDF : 15.4/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -858.932 ± 496.923 χ^2/NDF : 28.2/29

asym_at2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1790.251+/-0.531 χ^2/NDF : 464312.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1536.992+/-0.469 χ^2/NDF : 1251573.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

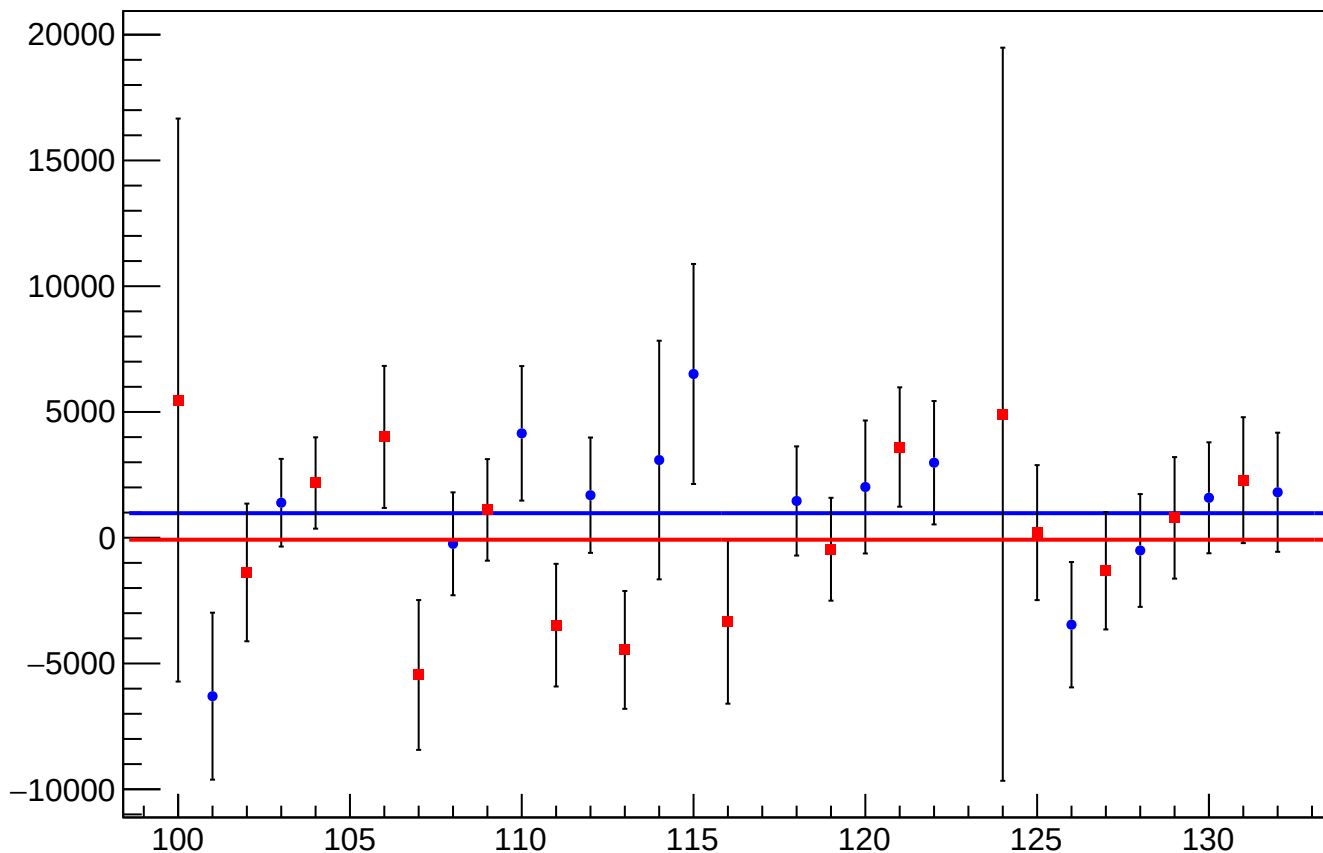
Right: 1647.941+/-0.351 χ^2/NDF : 1843768.2/29

In: 1790.251+/-0.531 χ^2/NDF :464312.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1647.941+/-0.351 χ^2/NDF : 1843768.2/29

cor_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 976.035+/-652.221 χ^2/NDF : 13.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -78.916+/-639.021 χ^2/NDF : 18.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

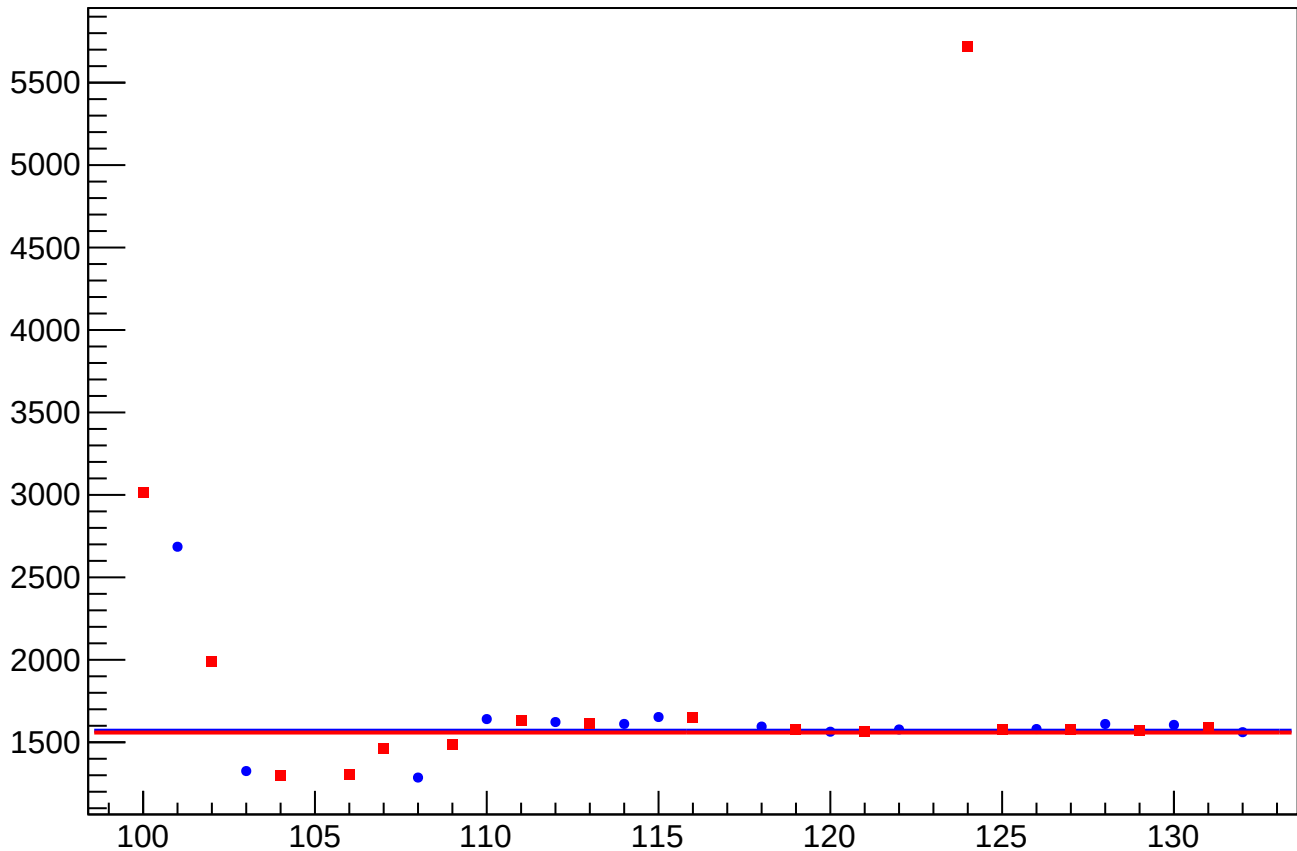
Right: 437.776+/-456.451 χ^2/NDF : 32.6/29

In: 976.035+/-652.221 χ^2/NDF : 13.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 437.776+/-456.451 χ^2/NDF : 32.6/29

cor_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1570.089+/-0.461 χ^2/NDF : 308628.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1558.984+/-0.452 χ^2/NDF : 312981.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

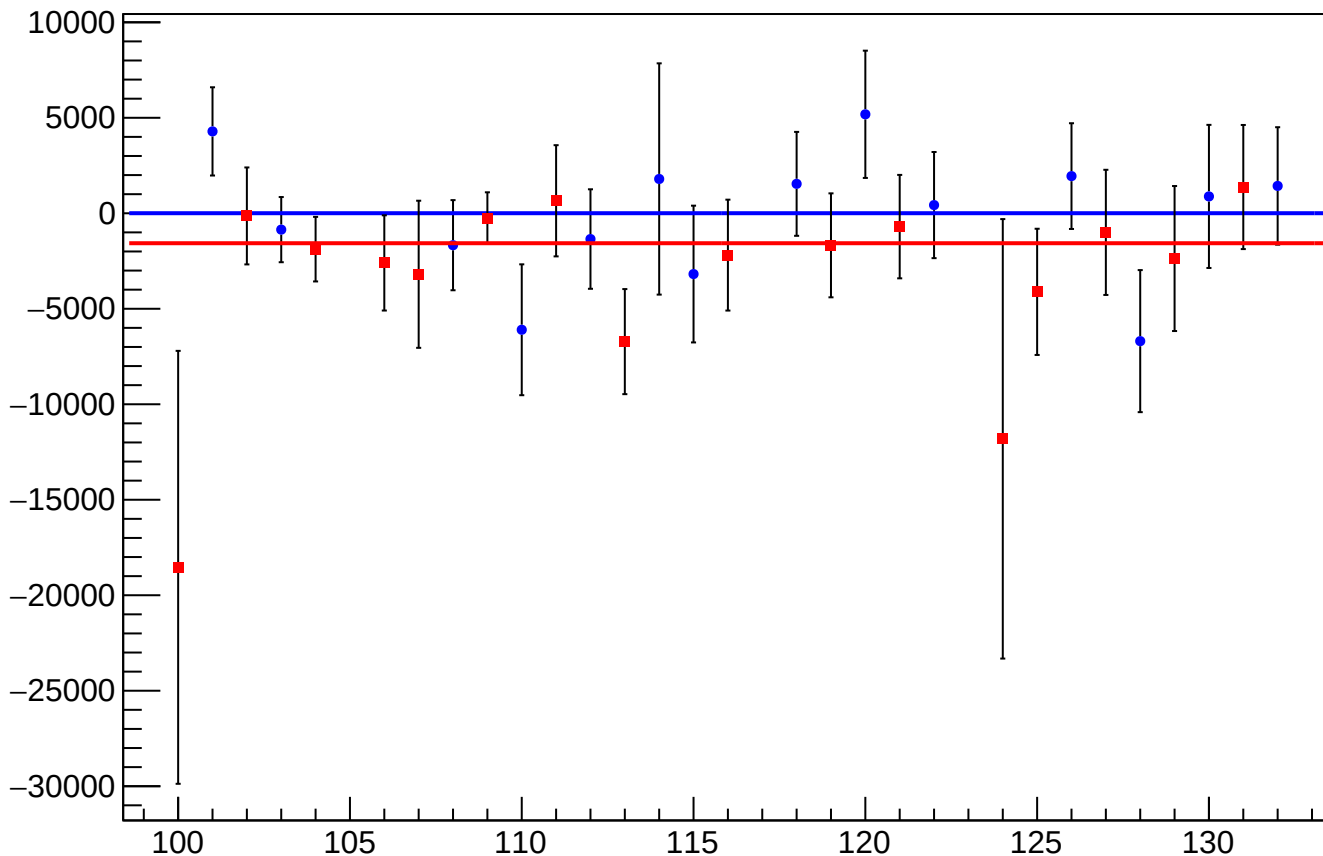
Right: 1564.423+/-0.323 χ^2/NDF : 621905.5/29

In: 1570.089+/-0.461 χ^2/NDF : 308628.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1564.423+/-0.323 χ^2/NDF : 621905.5/29

asym_at2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 3.939+/-748.980 χ^2/NDF : 15.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1567.653+/-661.614 χ^2/NDF : 10.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

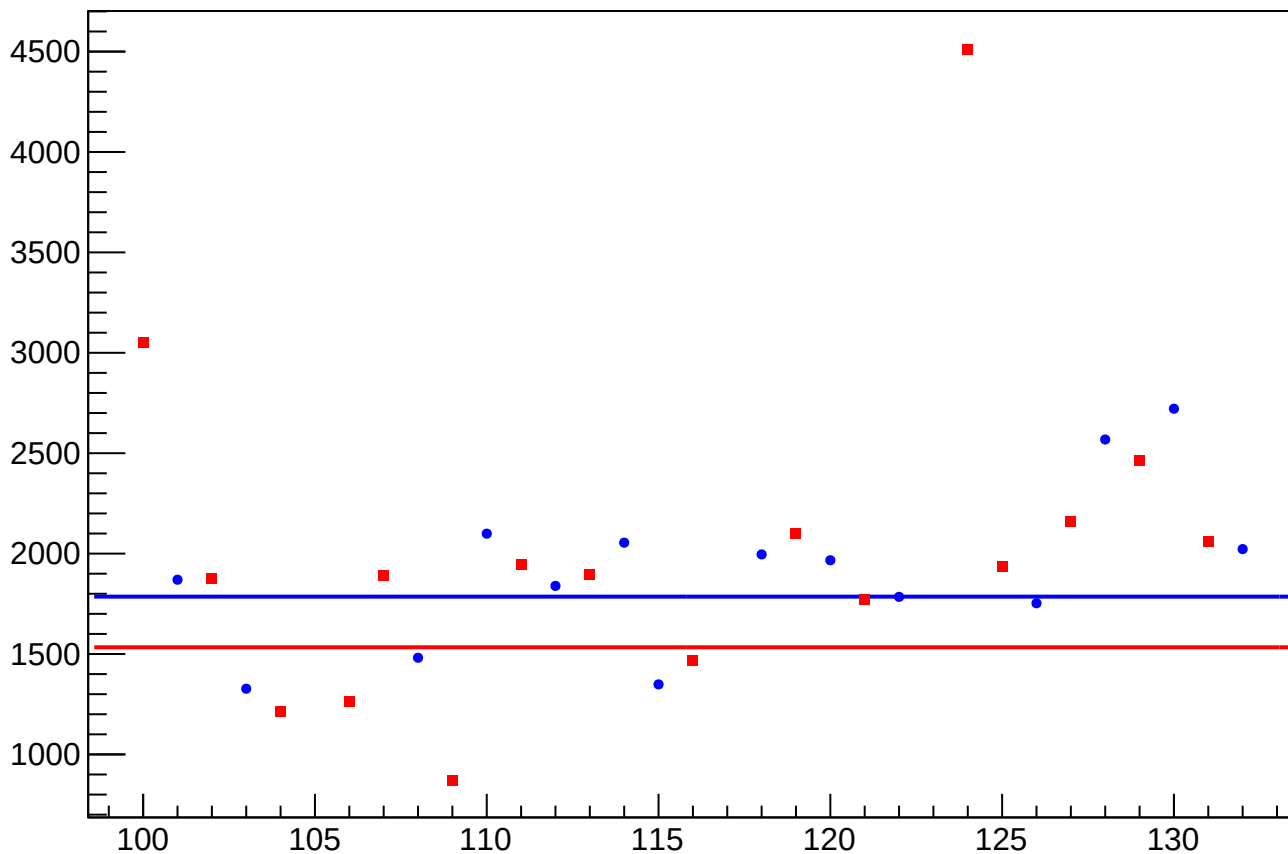
Right: -878.823+/-495.857 χ^2/NDF : 28.2/29

In: 3.939+/-748.980 χ^2/NDF : 15.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -878.823+/-495.857 χ^2/NDF : 28.2/29

asym_at2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1785.780+/-0.530 χ^2/NDF : 474978.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1533.498+/-0.468 χ^2/NDF : 1251844.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

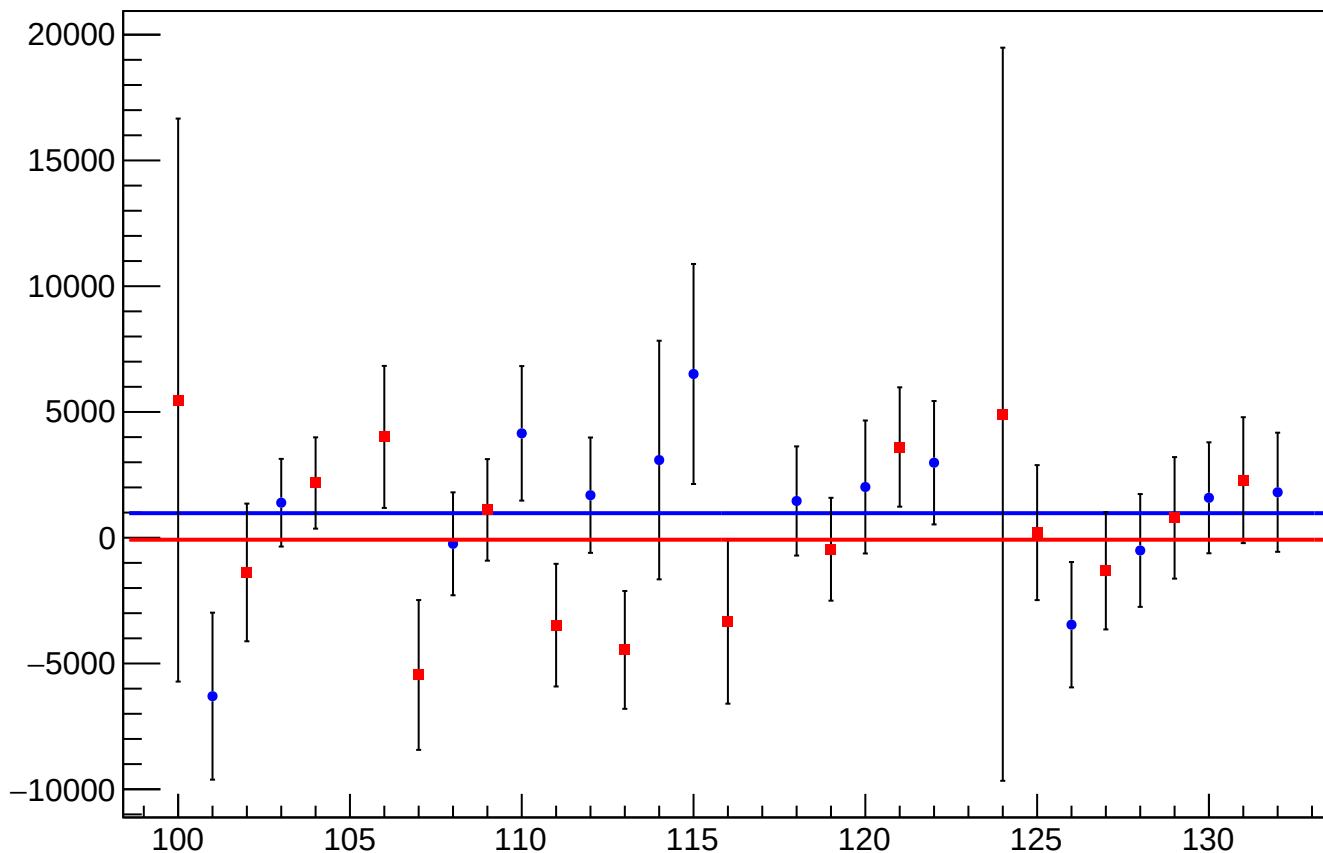
Right: 1644.073+/-0.351 χ^2/NDF : 1854280.9/29

In: 1785.780+/-0.530 χ^2/NDF : 474978.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1644.073+/-0.351 χ^2/NDF : 1854280.9/29

eigen_cor_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 976.035+/-652.221 χ^2/NDF : 13.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -78.916+/-639.021 χ^2/NDF : 18.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

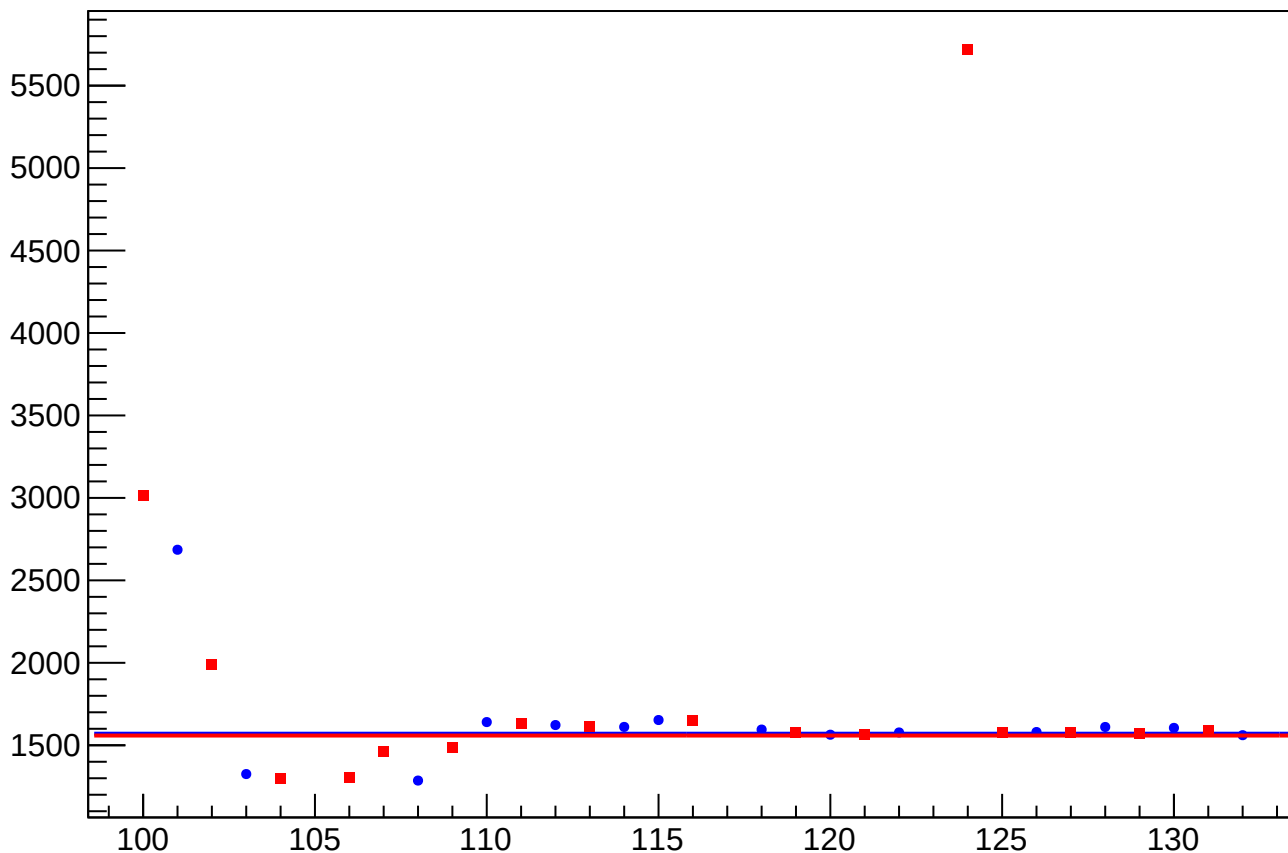
Right: 437.776+/-456.451 χ^2/NDF : 32.6/29

In: 976.035+/-652.221 χ^2/NDF : 13.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 437.776+/-456.451 χ^2/NDF : 32.6/29

eigen_cor_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1570.089+/-0.461 χ^2 /NDF: 308628.2/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1558.984+/-0.452 χ^2 /NDF: 312981.4/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

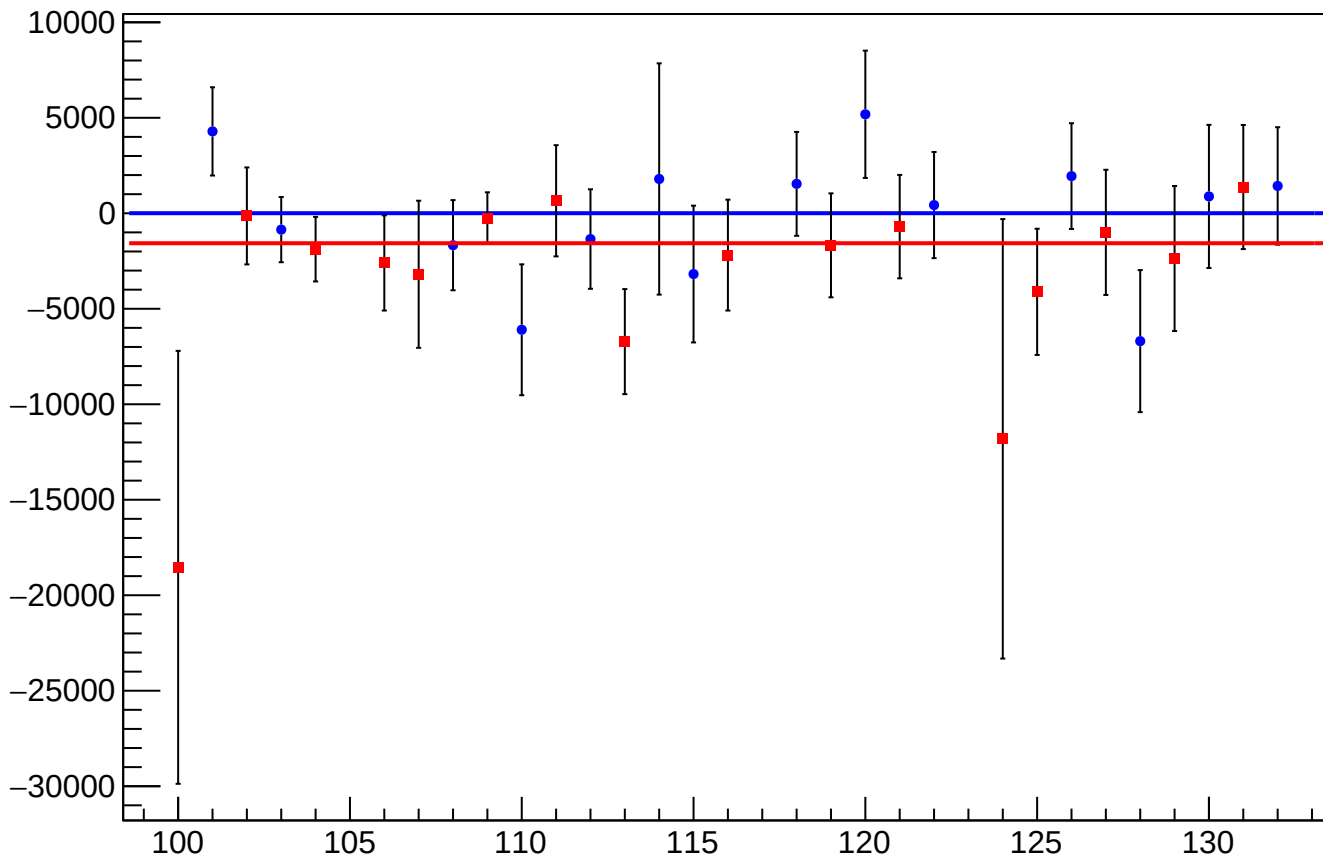
Right: 1564.423+/-0.323 χ^2 /NDF: 621905.5/29

In: 1570.089+/-0.461 χ^2 /NDF:308628.2/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1564.423+/-0.323 χ^2 /NDF: 621905.5/29

asym_at2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 3.939+/-748.980 χ^2/NDF : 15.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1567.653+/-661.614 χ^2/NDF : 10.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

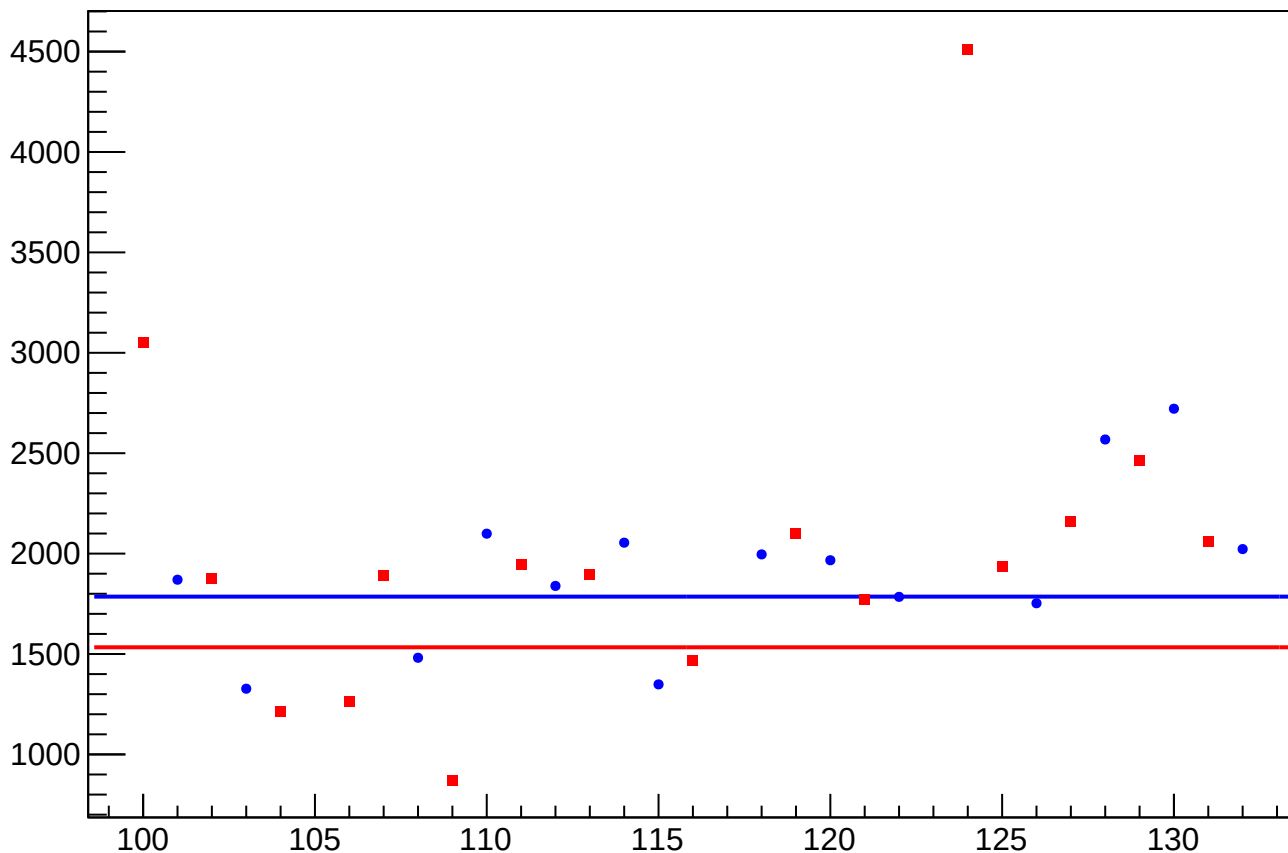
Right: -878.823+/-495.857 χ^2/NDF : 28.2/29

In: 3.939+/-748.980 χ^2/NDF : 15.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -878.823+/-495.857 χ^2/NDF : 28.2/29

asym_at2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1785.780+/-0.530 χ^2/NDF : 474978.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1533.498+/-0.468 χ^2/NDF : 1251844.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

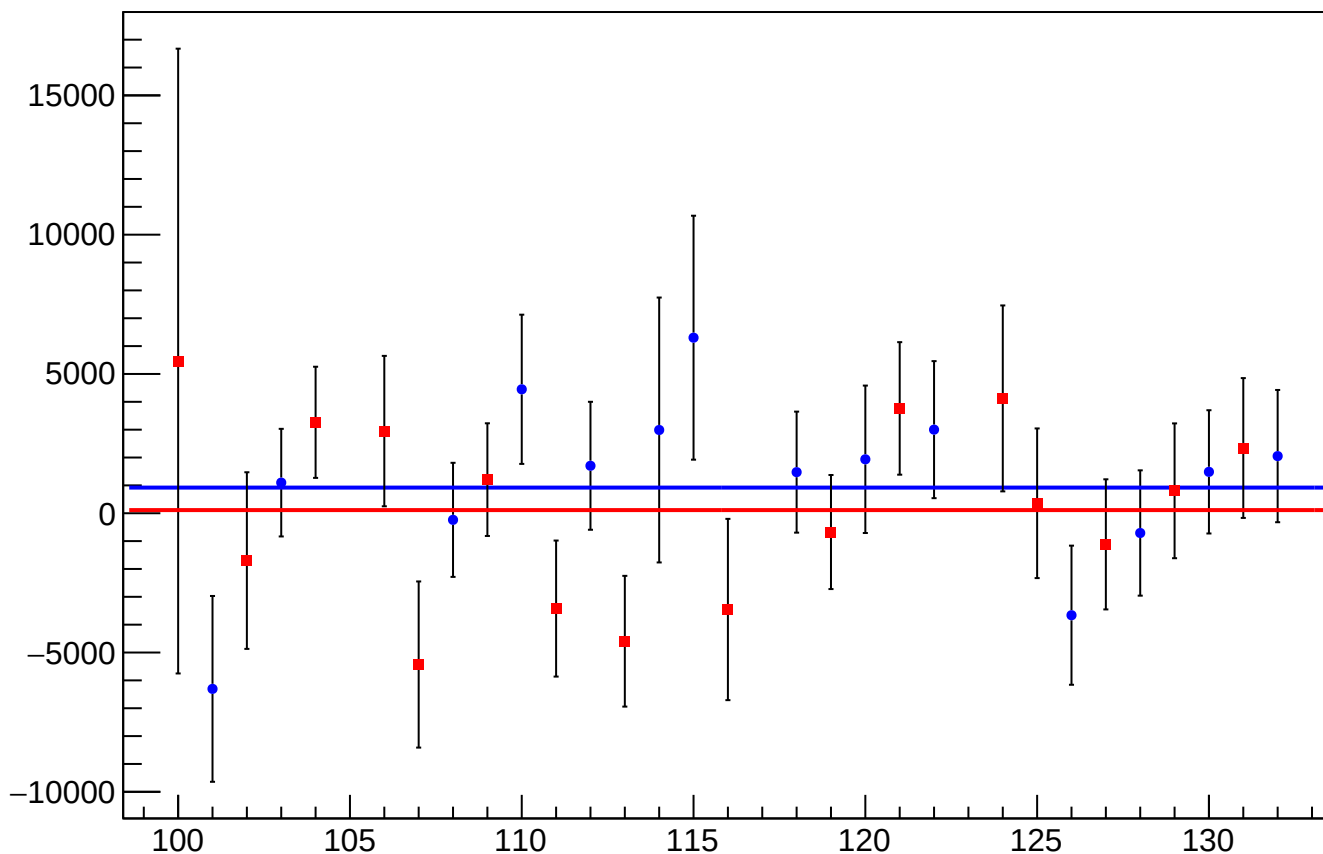
Right: 1644.073+/-0.351 χ^2/NDF : 1854280.9/29

In: 1785.780+/-0.530 χ^2/NDF : 474978.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1644.073+/-0.351 χ^2/NDF : 1854280.9/29

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 920.858+/-662.039 χ^2/NDF : 13.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.954+/-638.486 χ^2/NDF : 20.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

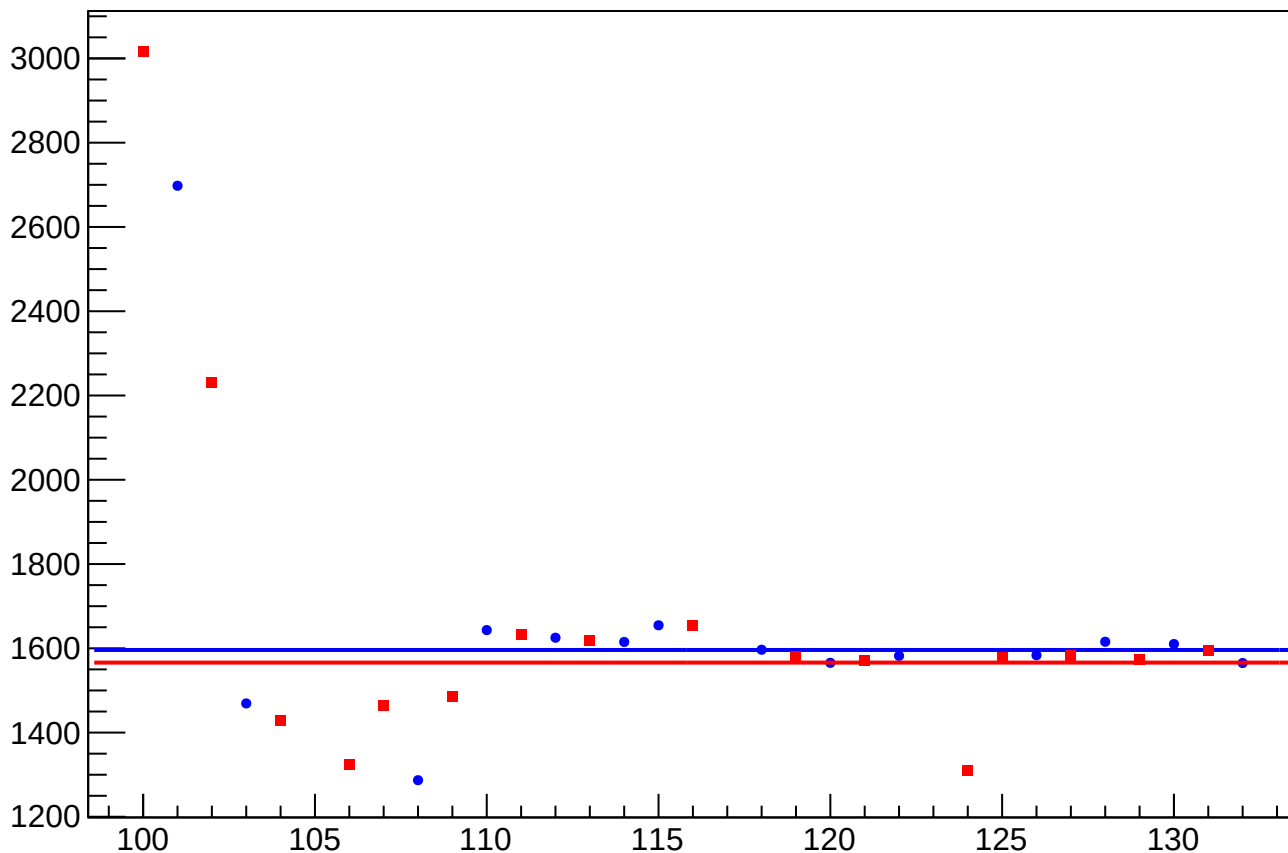
Right: 502.279+/-459.579 χ^2/NDF : 34.8/29

In: 920.858+/-662.039 χ^2/NDF : 13.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 502.279+/-459.579 χ^2/NDF : 34.8/29

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1596.079+/-0.468 χ^2/NDF : 274676.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1566.137+/-0.451 χ^2/NDF : 168180.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

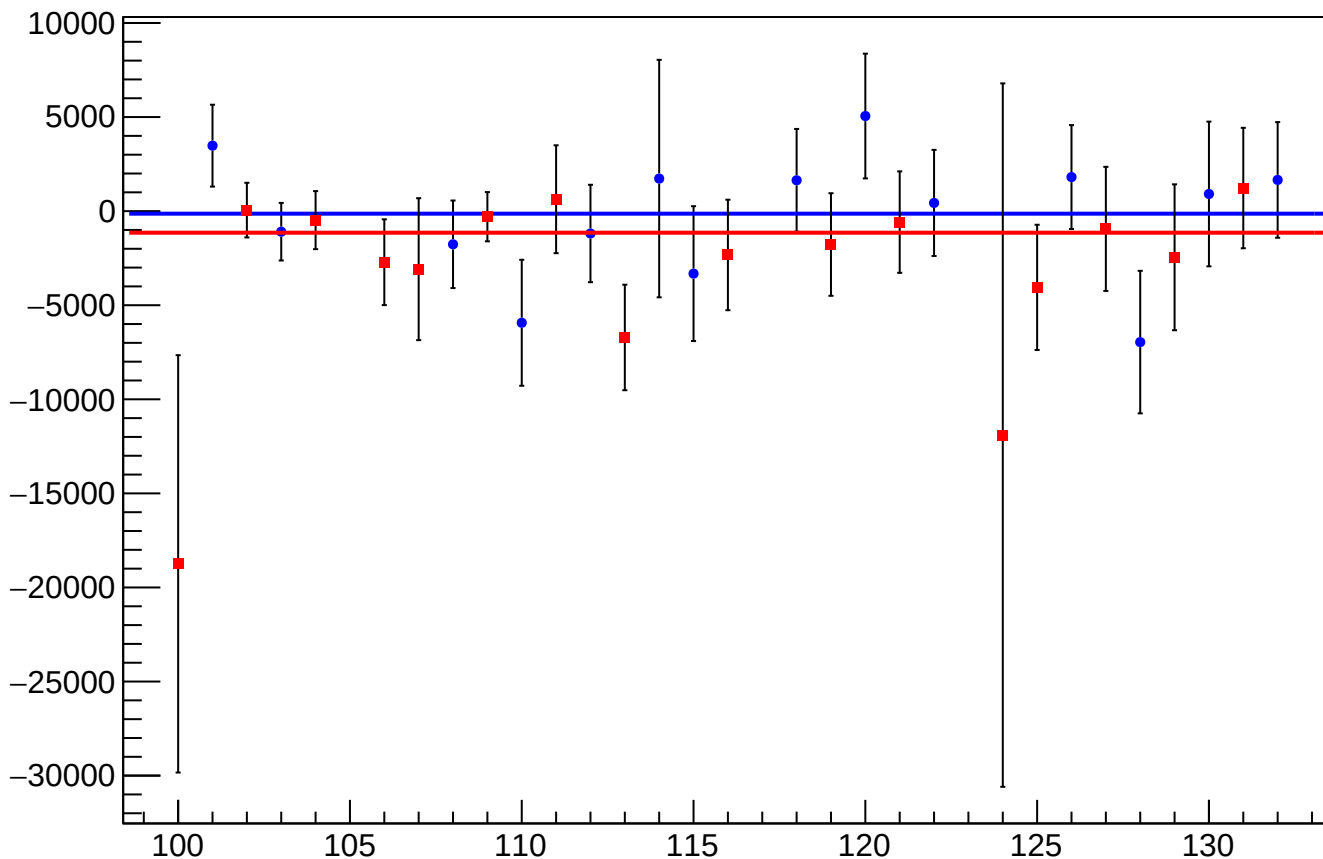
Right: 1580.566+/-0.325 χ^2/NDF : 444976.5/29

In: 1596.079+/-0.468 χ^2/NDF : 274676.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1580.566+/-0.325 χ^2/NDF : 444976.5/29

asym_at2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -134.321+/-727.334 χ^2/NDF : 14.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1145.936+/-604.593 χ^2/NDF : 10.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

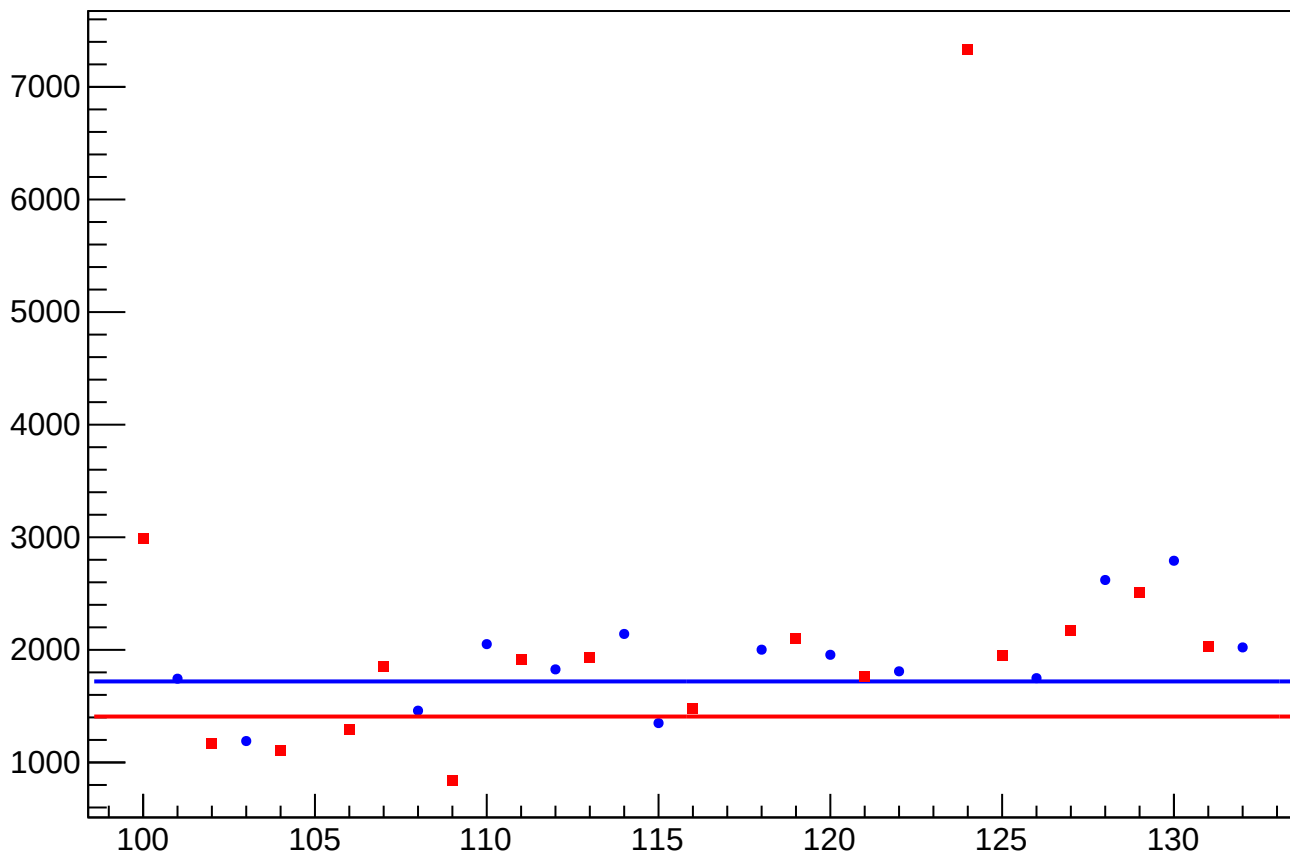
Right: -732.567+/-464.938 χ^2/NDF : 26.8/29

In: -134.321+/-727.334 χ^2/NDF : 14.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -732.567+/-464.938 χ^2/NDF : 26.8/29

asym_at2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1719.640+/-0.514 χ^2/NDF : 639680.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1407.793+/-0.428 χ^2/NDF : 1479110.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

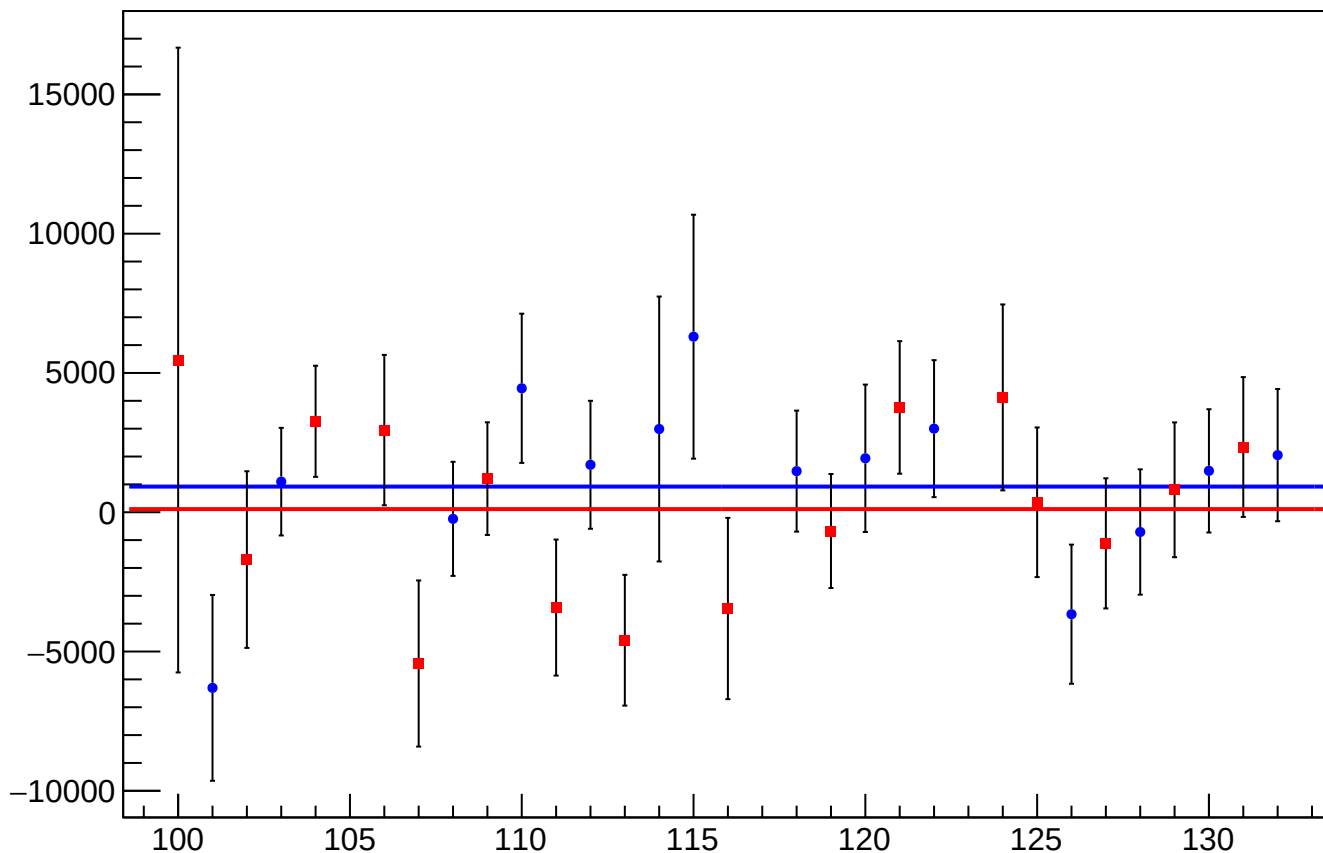
Right: 1535.221+/-0.329 χ^2/NDF : 2336217.4/29

In: 1719.640+/-0.514 χ^2/NDF : 639680.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1535.221+/-0.329 χ^2/NDF : 2336217.4/29

eigen_dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 920.851+/-662.039 χ^2/NDF : 13.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.958+/-638.486 χ^2/NDF : 20.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

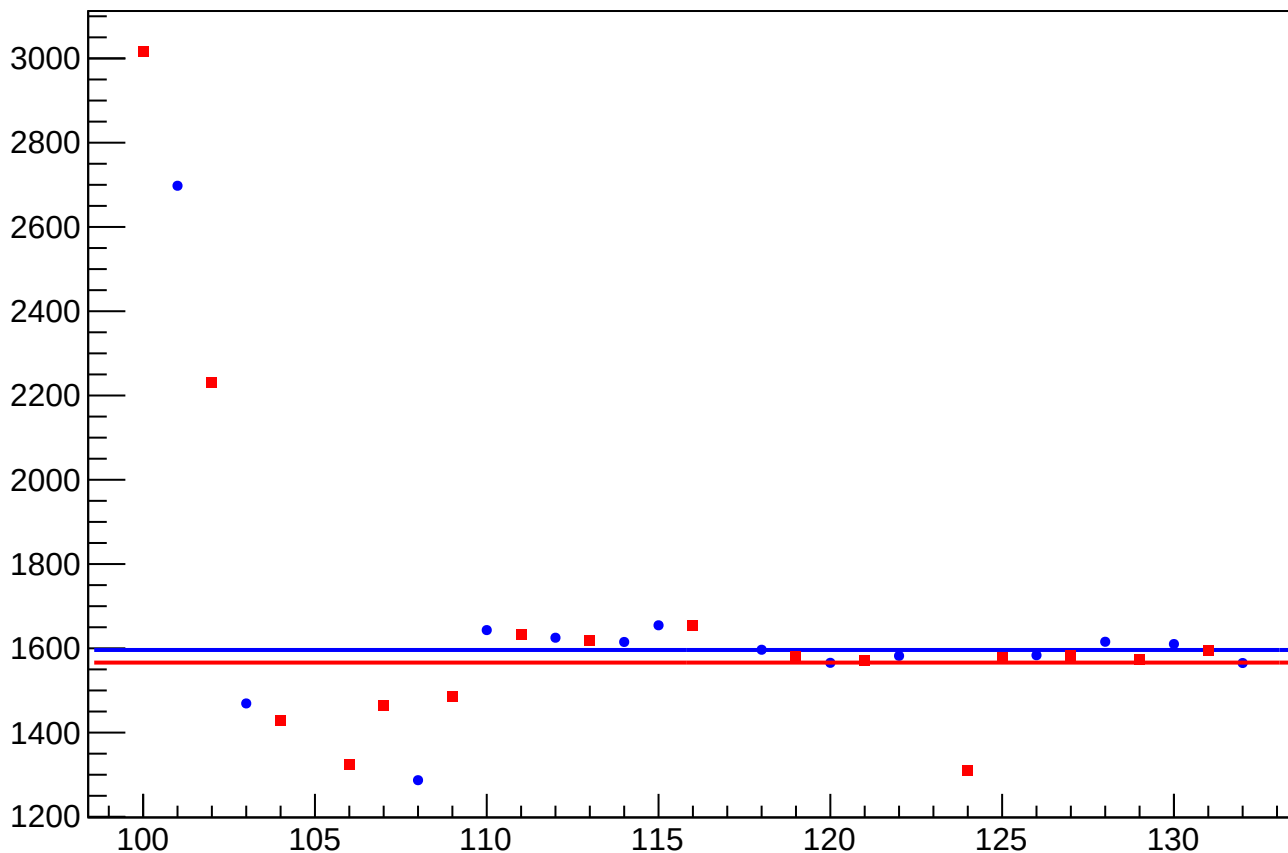
Right: 502.278+/-459.579 χ^2/NDF : 34.8/29

In: 920.851+/-662.039 χ^2/NDF : 13.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 502.278+/-459.579 χ^2/NDF : 34.8/29

eigen_dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1596.078+/-0.468 χ^2/NDF : 274676.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1566.137+/-0.451 χ^2/NDF : 168180.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

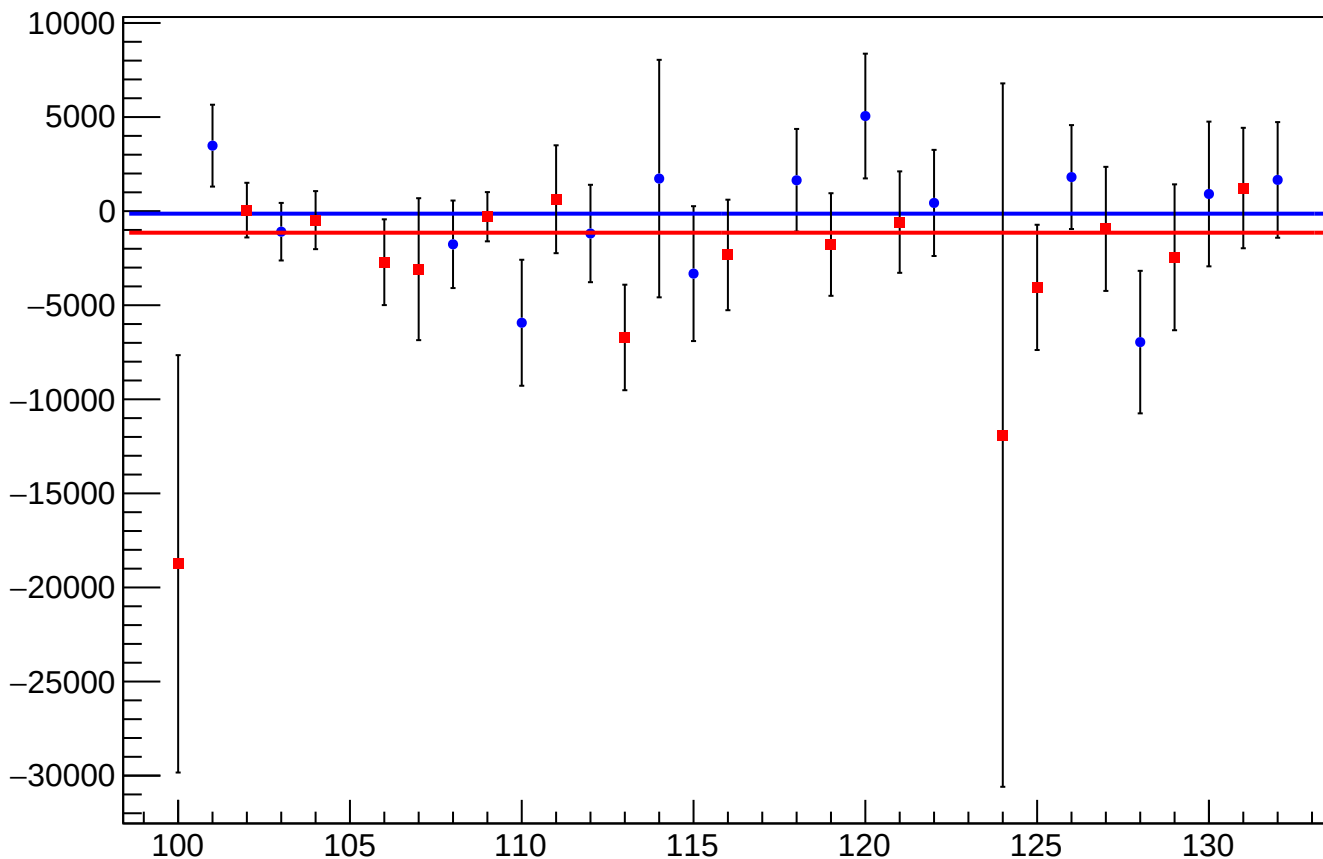
Right: 1580.565+/-0.325 χ^2/NDF : 444976.5/29

In: 1596.078+/-0.468 χ^2/NDF : 274676.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1580.565+/-0.325 χ^2/NDF : 444976.5/29

asym_at2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -134.320 ± 727.332 χ^2/NDF : 14.8/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1145.939 ± 604.594 χ^2/NDF : 10.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

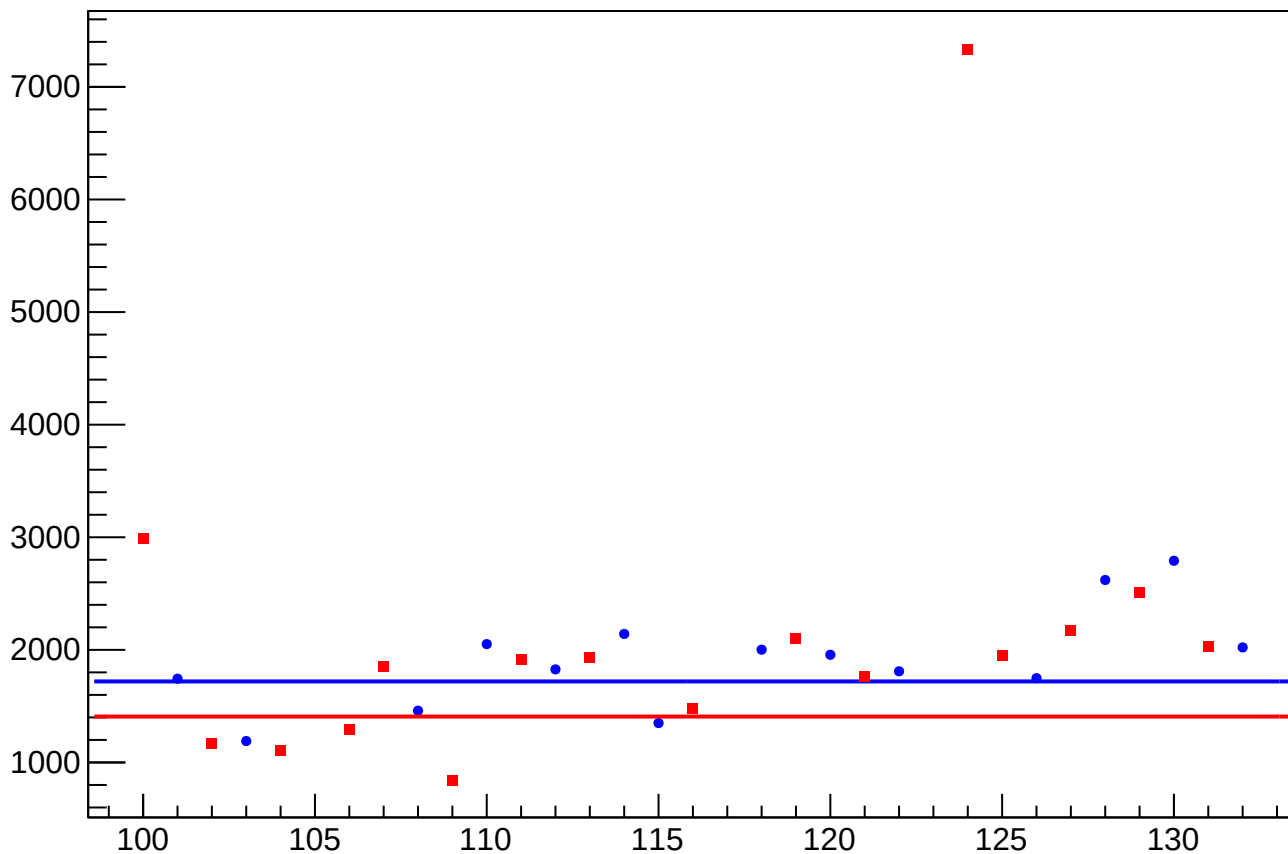
Right: -732.566 ± 464.938 χ^2/NDF : 26.8/29

In: -134.320 ± 727.332 χ^2/NDF : 14.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -732.566 ± 464.938 χ^2/NDF : 26.8/29

asym_at2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1719.637+/-0.514 χ^2/NDF : 639671.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1407.798+/-0.428 χ^2/NDF : 1479077.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

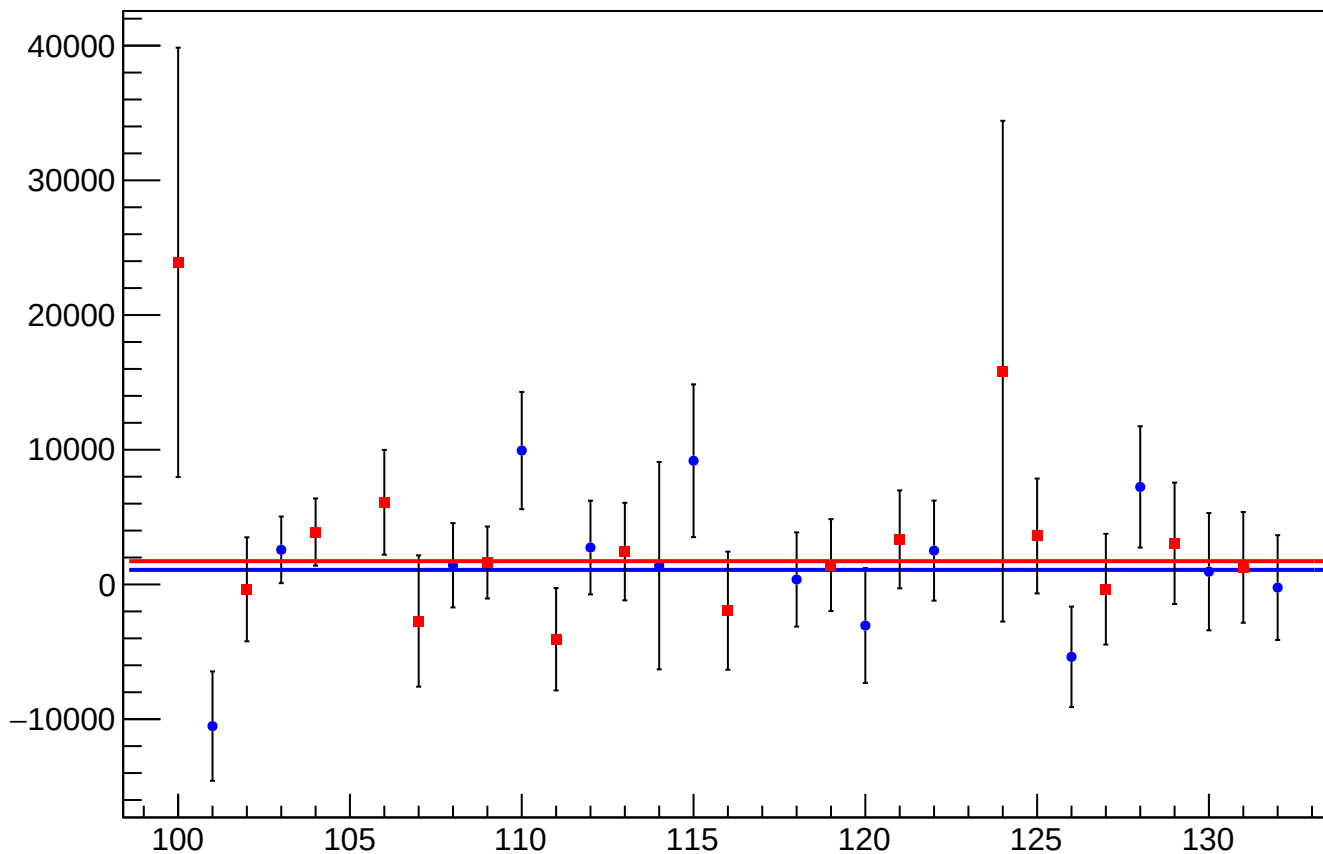
Right: 1535.223+/-0.329 χ^2/NDF : 2336163.2/29

In: 1719.637+/-0.514 χ^2/NDF :639671.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1535.223+/-0.329 χ^2/NDF : 2336163.2/29

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1083.351+/-1021.044 χ^2/NDF : 21.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1729.569+/-969.312 χ^2/NDF : 9.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

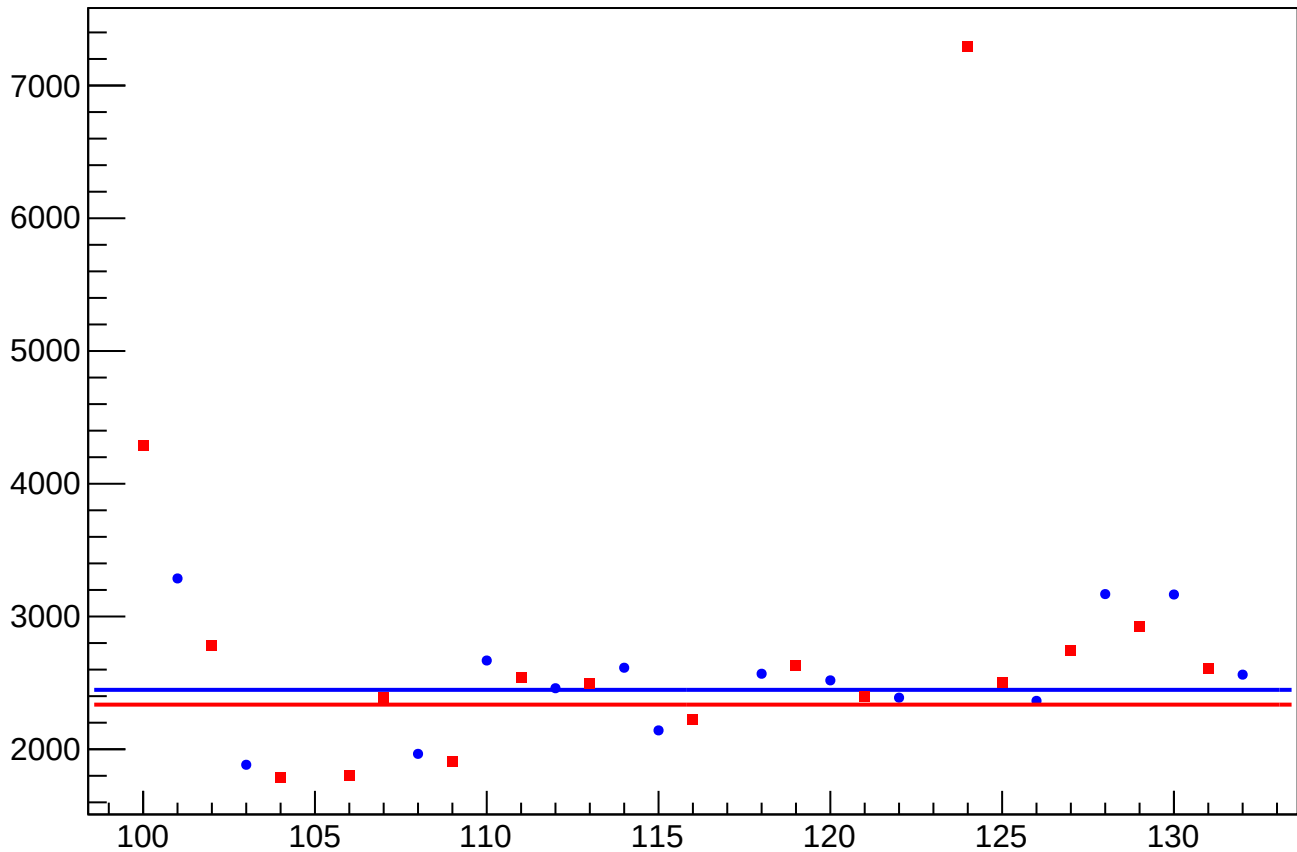
Right: 1423.245+/-702.984 χ^2/NDF : 30.7/29

In: 1083.351+/-1021.044 χ^2/NDF : 21.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1423.245+/-702.984 χ^2/NDF : 30.7/29

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2447.475+/-0.722 χ^2/NDF : 361005.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2336.111+/-0.685 χ^2/NDF : 478532.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

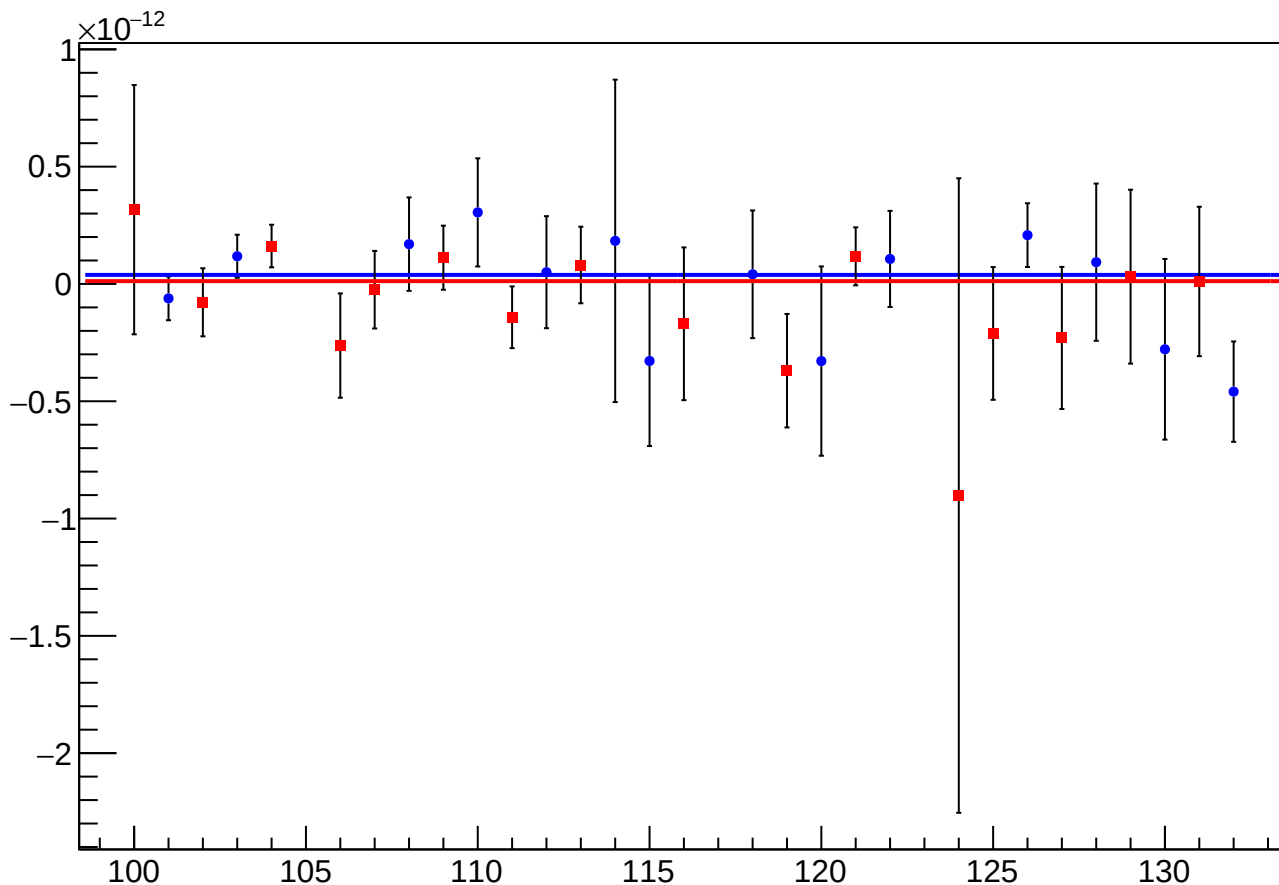
Right: 2388.900+/-0.497 χ^2/NDF : 852051.9/29

In: 2447.475+/-0.722 χ^2/NDF : 361005.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2388.900+/-0.497 χ^2/NDF : 852051.9/29

asym_at2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

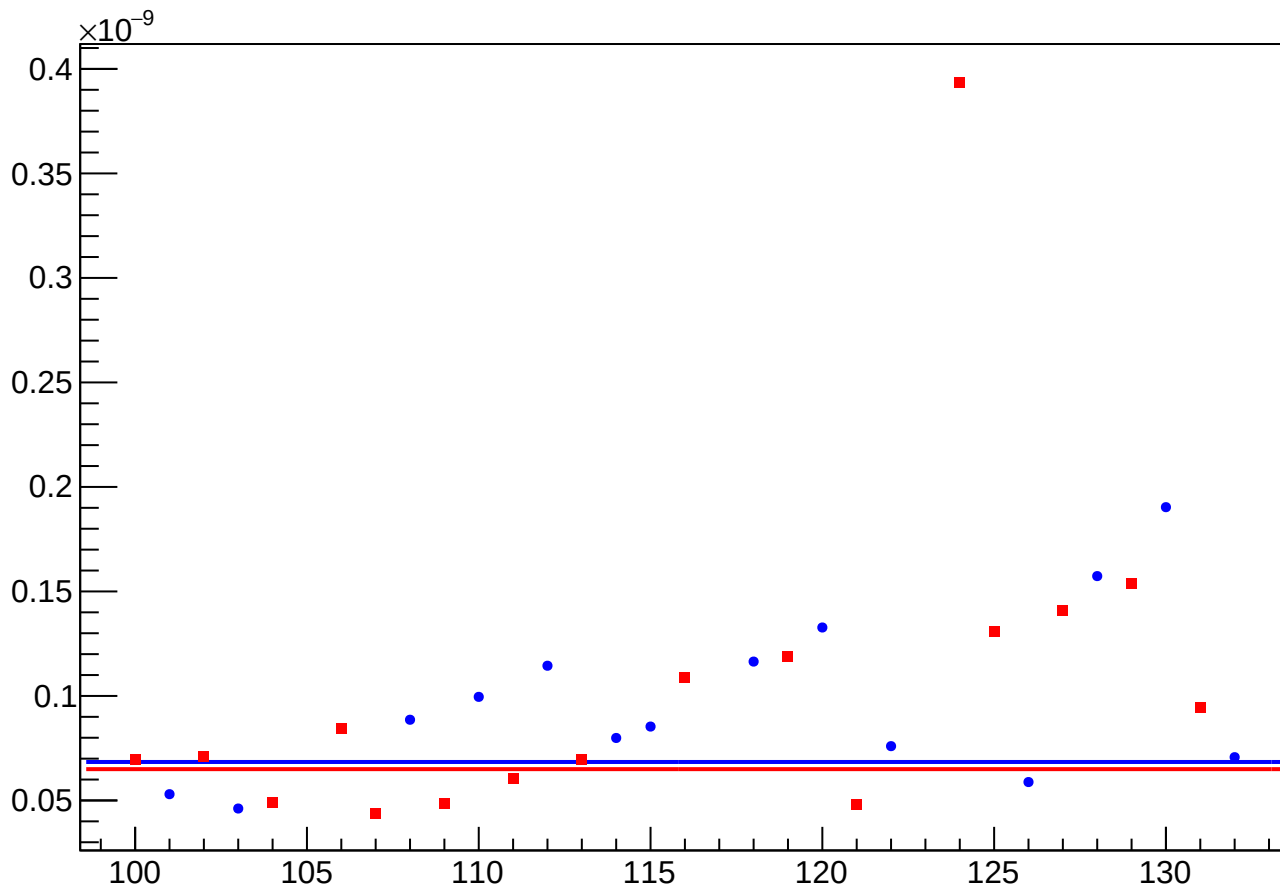
Right: 0.000+/-0.000 χ^2/NDF : 25.9/29

In: 0.000+/-0.000 χ^2/NDF : 13.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.9/29

asym_at2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 776795.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 803787.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

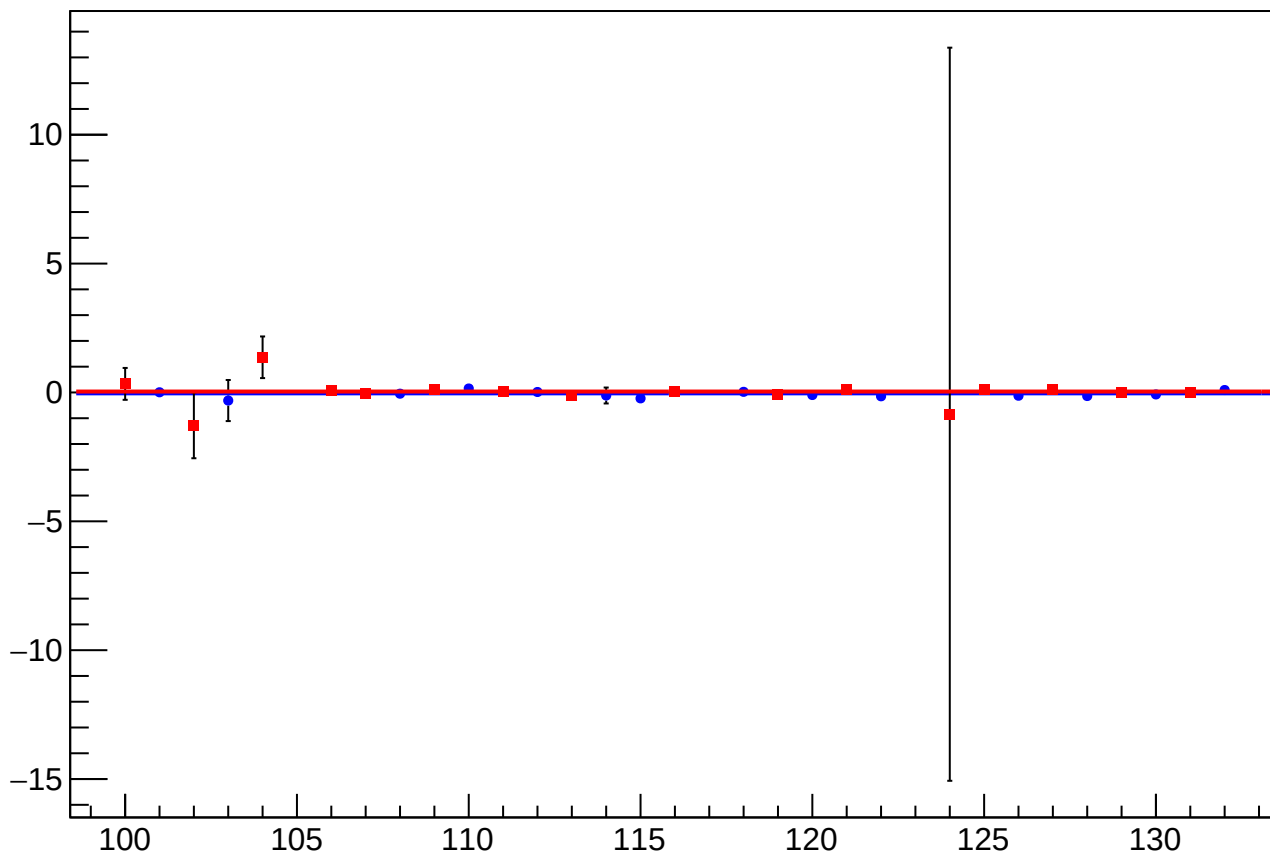
Right: 0.000+/-0.000 χ^2/NDF : 1586148.8/29

In: 0.000+/-0.000 χ^2/NDF : 776795.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1586148.8/29

asym_at2_dd_dit_vs_Slug_Sign_Corrected



Right In: -0.035 ± 0.033 χ^2/NDF : 7.1/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.035 ± 0.029 χ^2/NDF : 10.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

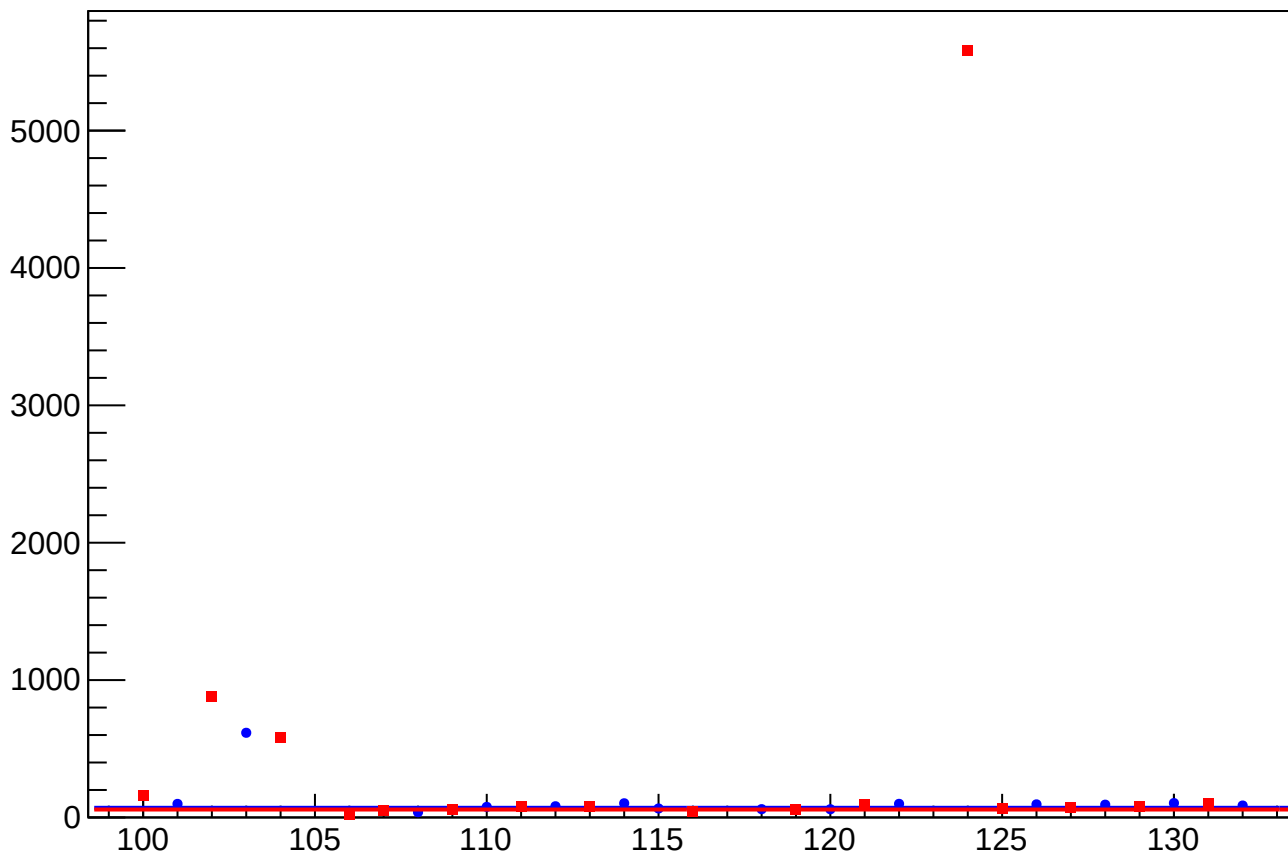
Right: 0.005 ± 0.022 χ^2/NDF : 20.3/29

In: -0.035 ± 0.033 χ^2/NDF : 7.1/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.005 ± 0.022 χ^2/NDF : 20.3/29

asym_at2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.261+/-0.023 χ^2/NDF : 1904901.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.744+/-0.020 χ^2/NDF : 3134330.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

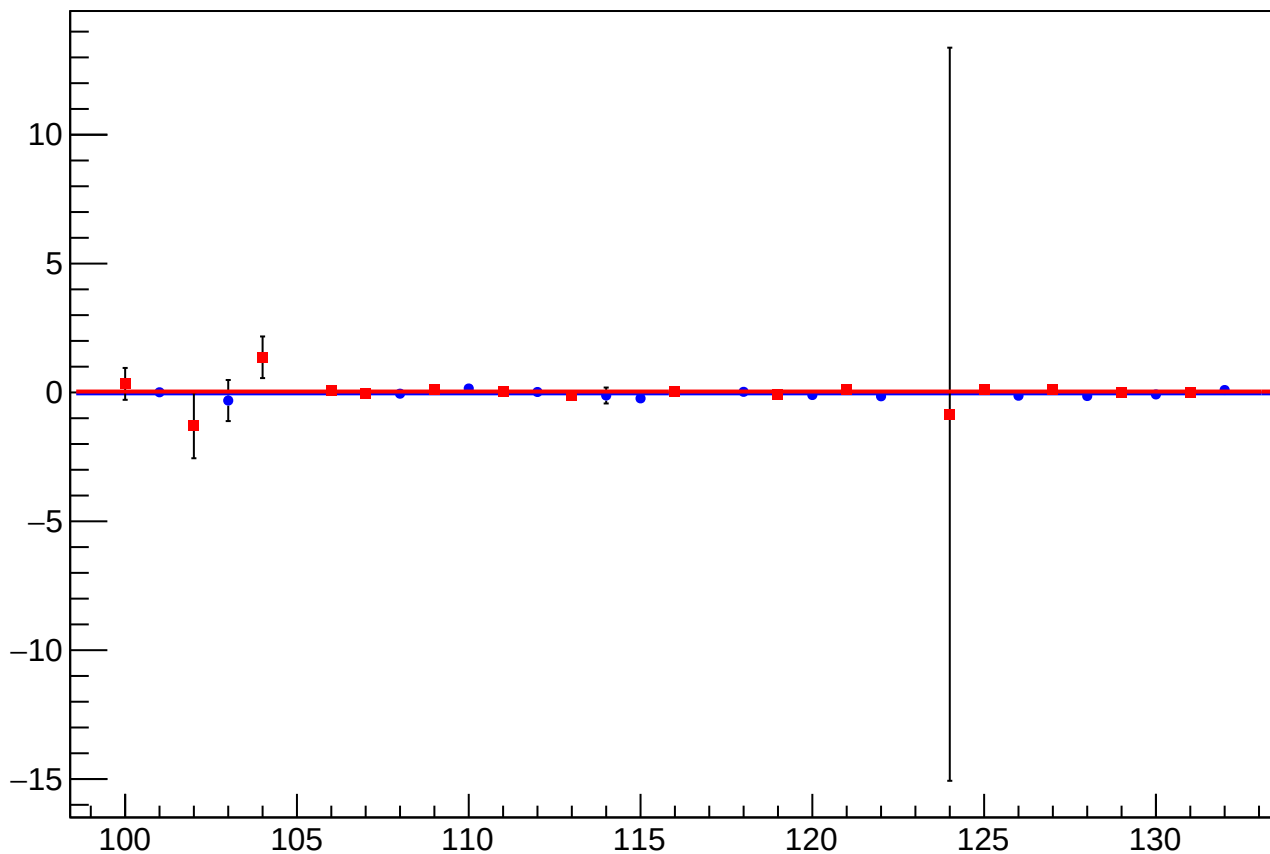
Right: 63.230+/-0.015 χ^2/NDF : 5202878.6/29

In: 70.261+/-0.023 χ^2/NDF : 1904901.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.230+/-0.015 χ^2/NDF : 5202878.6/29

asym_at2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.035 ± 0.033 χ^2/NDF : 7.1/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.035 ± 0.029 χ^2/NDF : 10.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

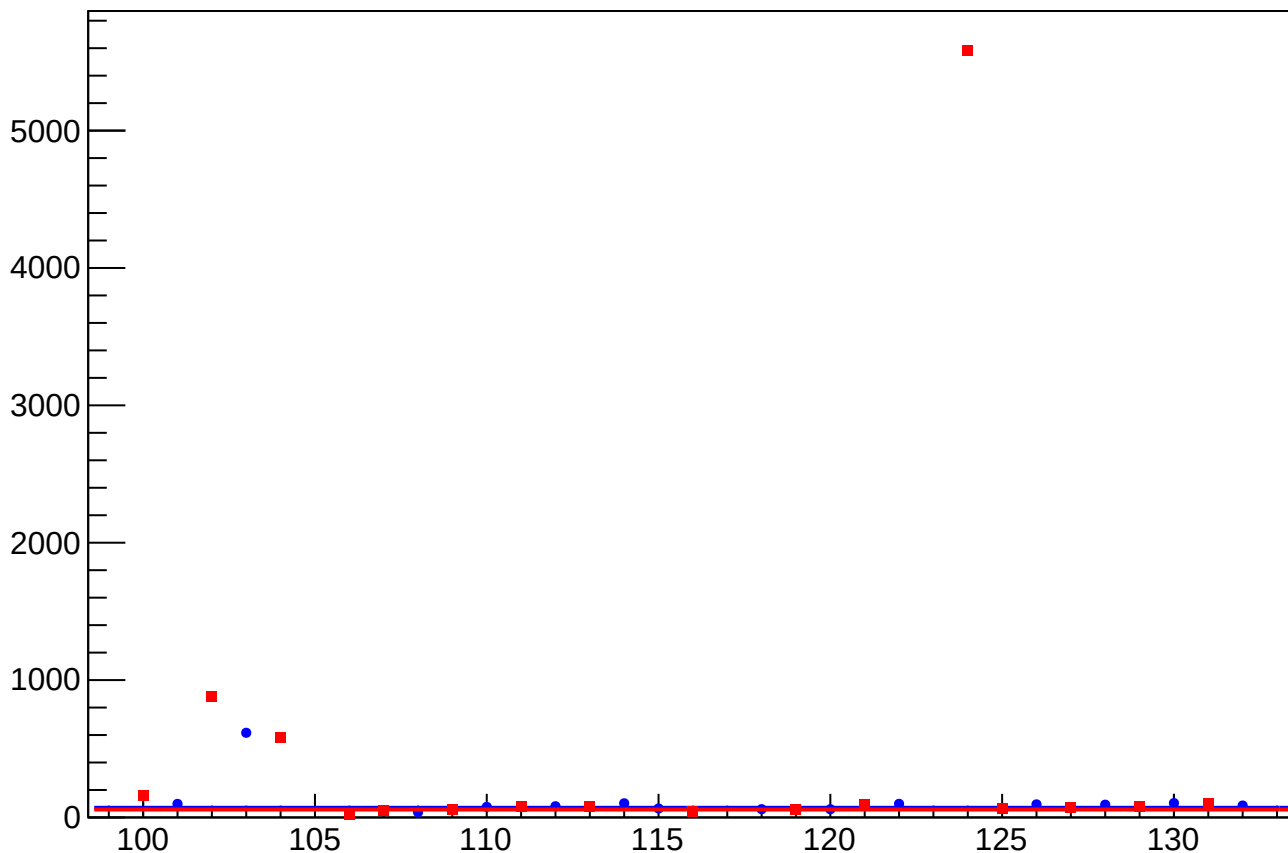
Right: 0.005 ± 0.022 χ^2/NDF : 20.3/29

In: -0.035 ± 0.033 χ^2/NDF : 7.1/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.005 ± 0.022 χ^2/NDF : 20.3/29

asym_at2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.261+/-0.023 χ^2/NDF : 1904901.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.744+/-0.020 χ^2/NDF : 3134330.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

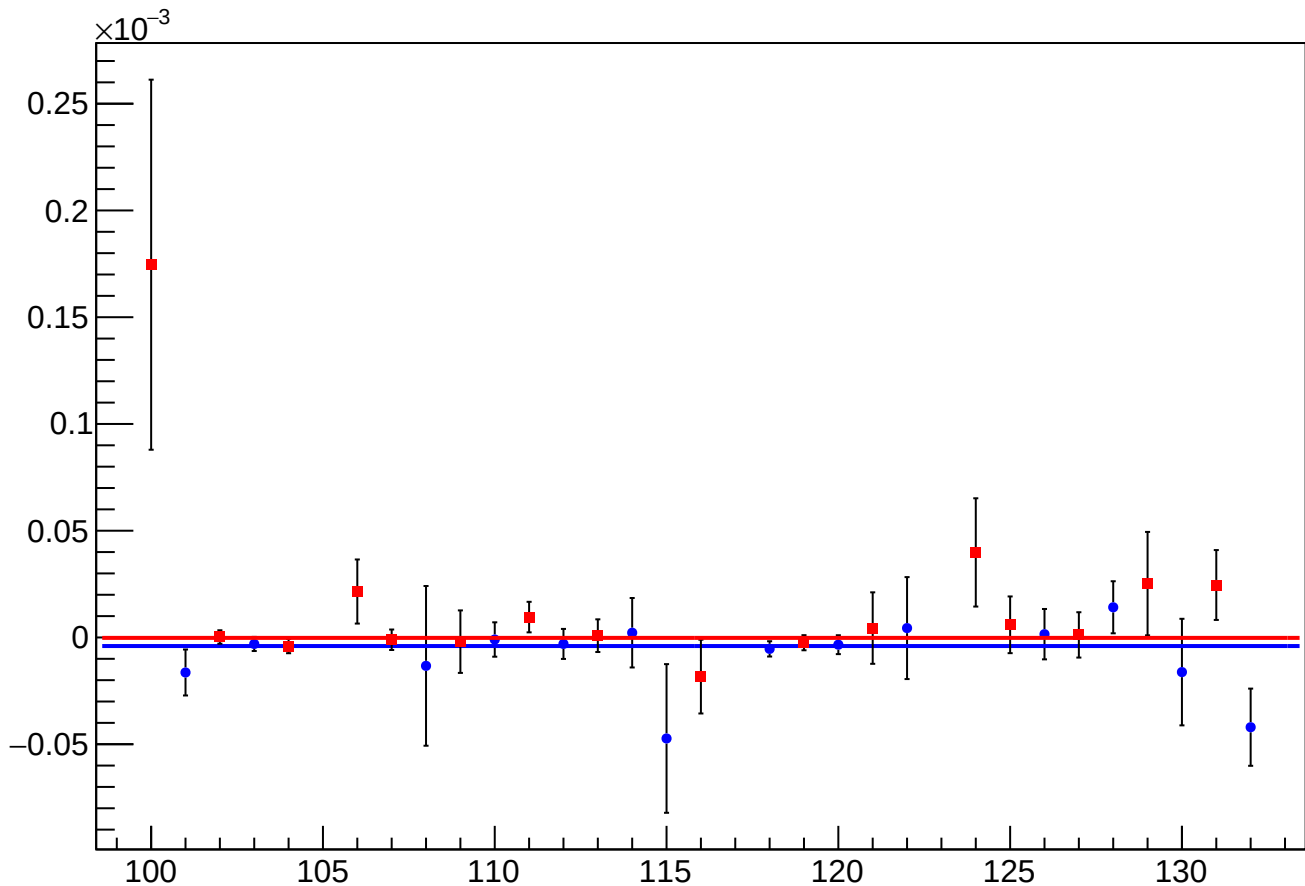
Right: 63.230+/-0.015 χ^2/NDF : 5202878.6/29

In: 70.261+/-0.023 χ^2/NDF : 1904901.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.230+/-0.015 χ^2/NDF : 5202878.6/29

asym_at2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

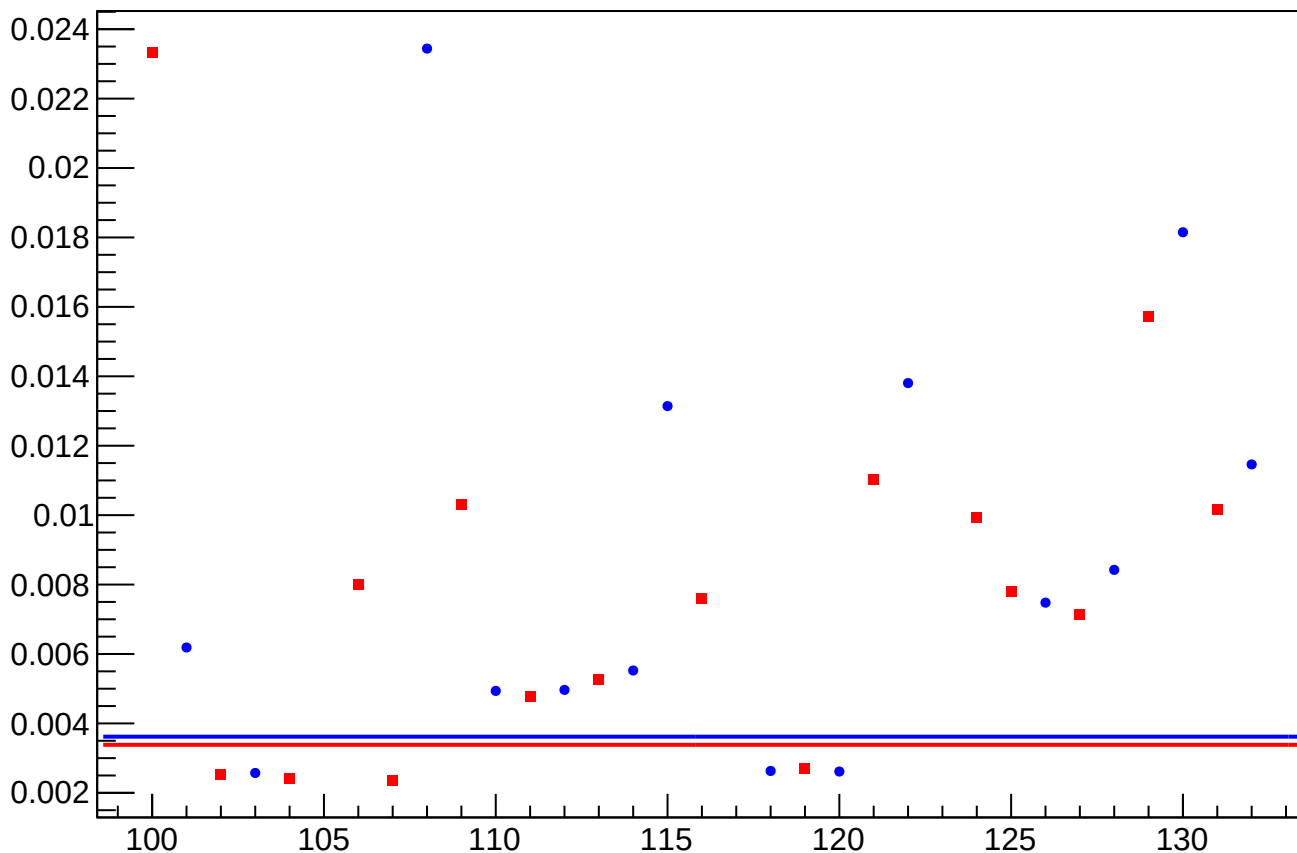
Right: -0.000+/-0.000 χ^2/NDF : 30.3/29

In: -0.000+/-0.000 χ^2/NDF : 10.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.3/29

asym_at2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 3378946.6/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 3422431.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

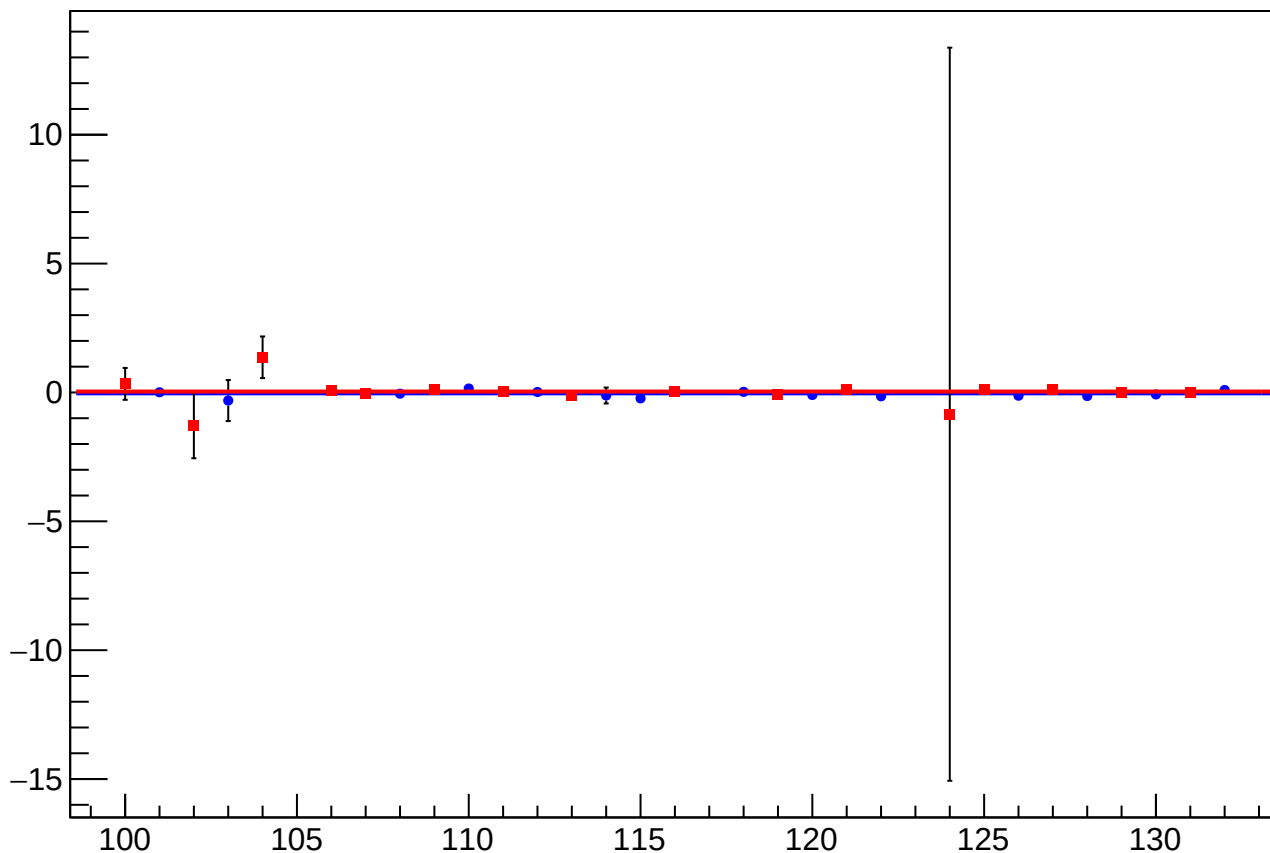
Right: 0.003+/-0.000 χ^2/NDF : 6819724.6/29

In: 0.004+/-0.000 χ^2/NDF :3378946.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 6819724.6/29

asym_at2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.035+/-0.033 χ^2/NDF : 7.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.035+/-0.029 χ^2/NDF : 10.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.005+/-0.022 χ^2/NDF : 20.3/29

In: -0.035+/-0.033 χ^2/NDF :7.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

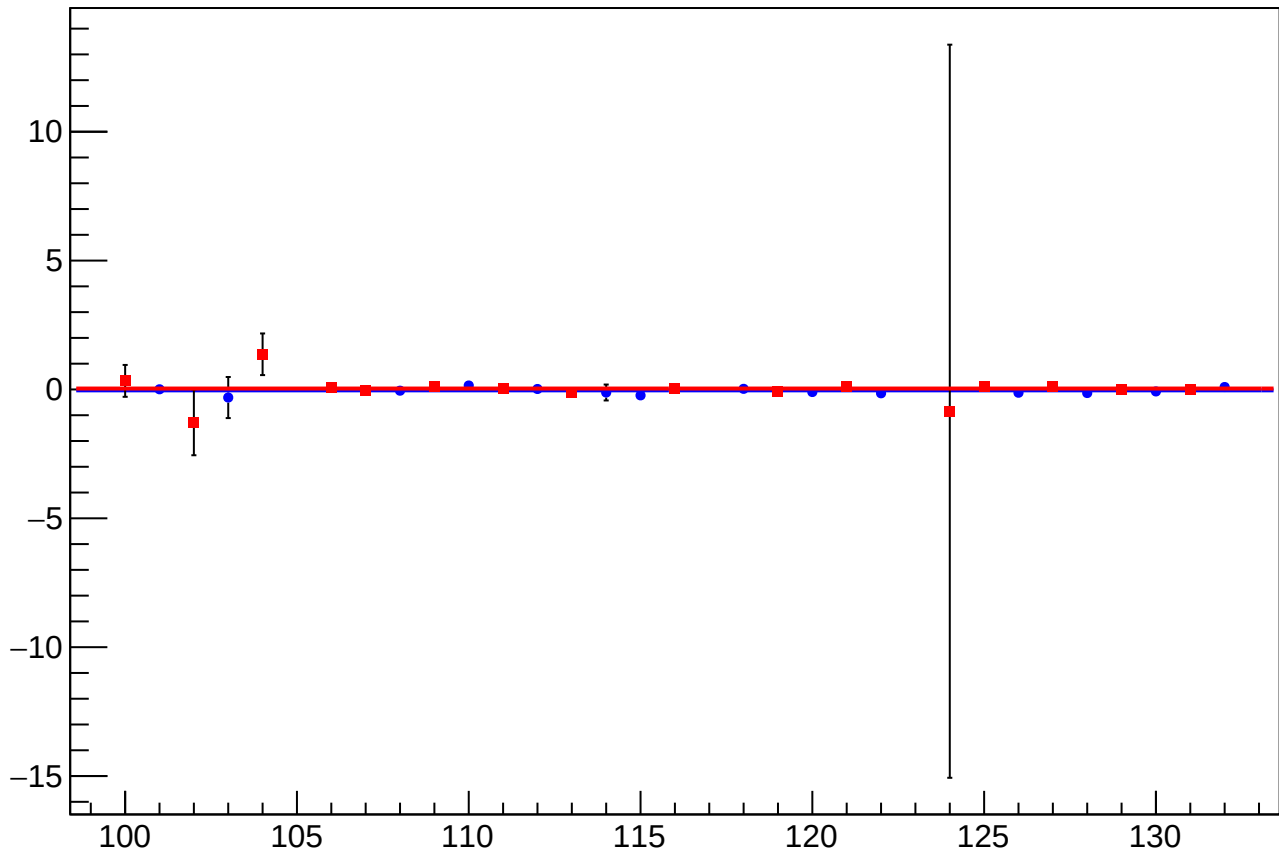
All: 0.005+/-0.022 χ^2/NDF : 20.3/29

The figure is a scatter plot with the x-axis representing the number of nodes (ranging from 100 to 130) and the y-axis representing the number of edges (ranging from 0 to 10). There are two data series: red squares and blue circles. The red squares show a sharp increase in edges as the number of nodes increases, starting around 1 edge at 100 nodes and reaching approximately 9.5 edges at 124 nodes. The blue circles show a much slower increase, starting around 0.5 edges at 100 nodes and reaching approximately 0.8 edges at 132 nodes. A horizontal line is drawn at y=0.

Number of Nodes (x)	Number of Edges (y) - Red Squares	Number of Edges (y) - Blue Circles
100	1.0	0.5
102	3.5	0.6
104	2.5	0.7
106	0.5	0.5
108	0.5	0.5
110	0.5	0.8
112	0.5	0.5
114	0.5	0.6
116	0.5	0.5
118	0.5	0.5
120	0.5	0.5
122	0.5	0.6
124	9.5	0.5
126	0.5	0.6
128	0.5	0.5
130	0.5	0.8
132	0.5	0.5

All: 63.230 ± 0.015 $\chi^2/\text{NDF}: 5202914.8/29$

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.035 ± 0.033 $\chi^2/\text{NDF}: 7.1/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.035 ± 0.029 $\chi^2/\text{NDF}: 10.6/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

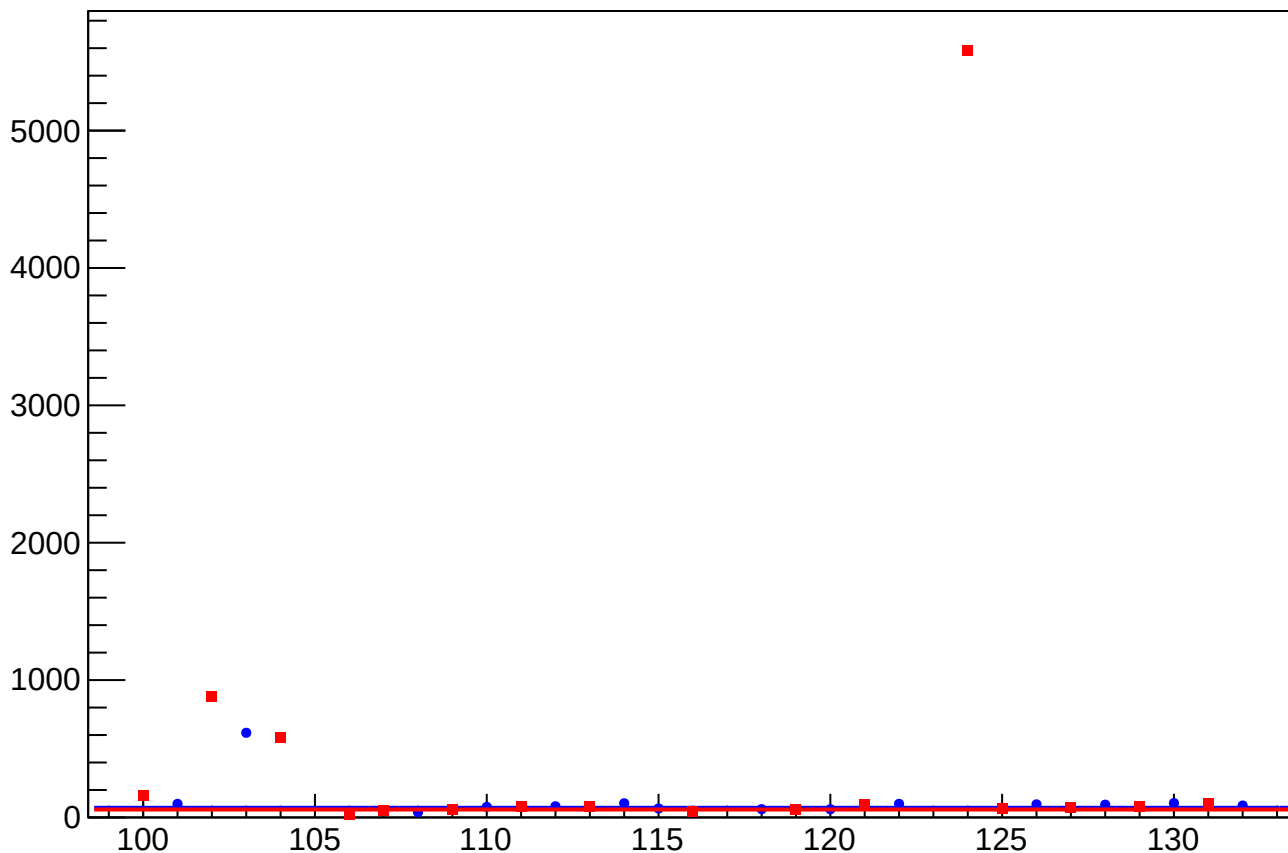
Right: 0.005 ± 0.022 $\chi^2/\text{NDF}: 20.3/29$

In: -0.035 ± 0.033 $\chi^2/\text{NDF}: 7.1/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.005 ± 0.022 $\chi^2/\text{NDF}: 20.3/29$

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.271+/-0.023 χ^2/NDF : 1903946.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.738+/-0.020 χ^2/NDF : 3134885.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

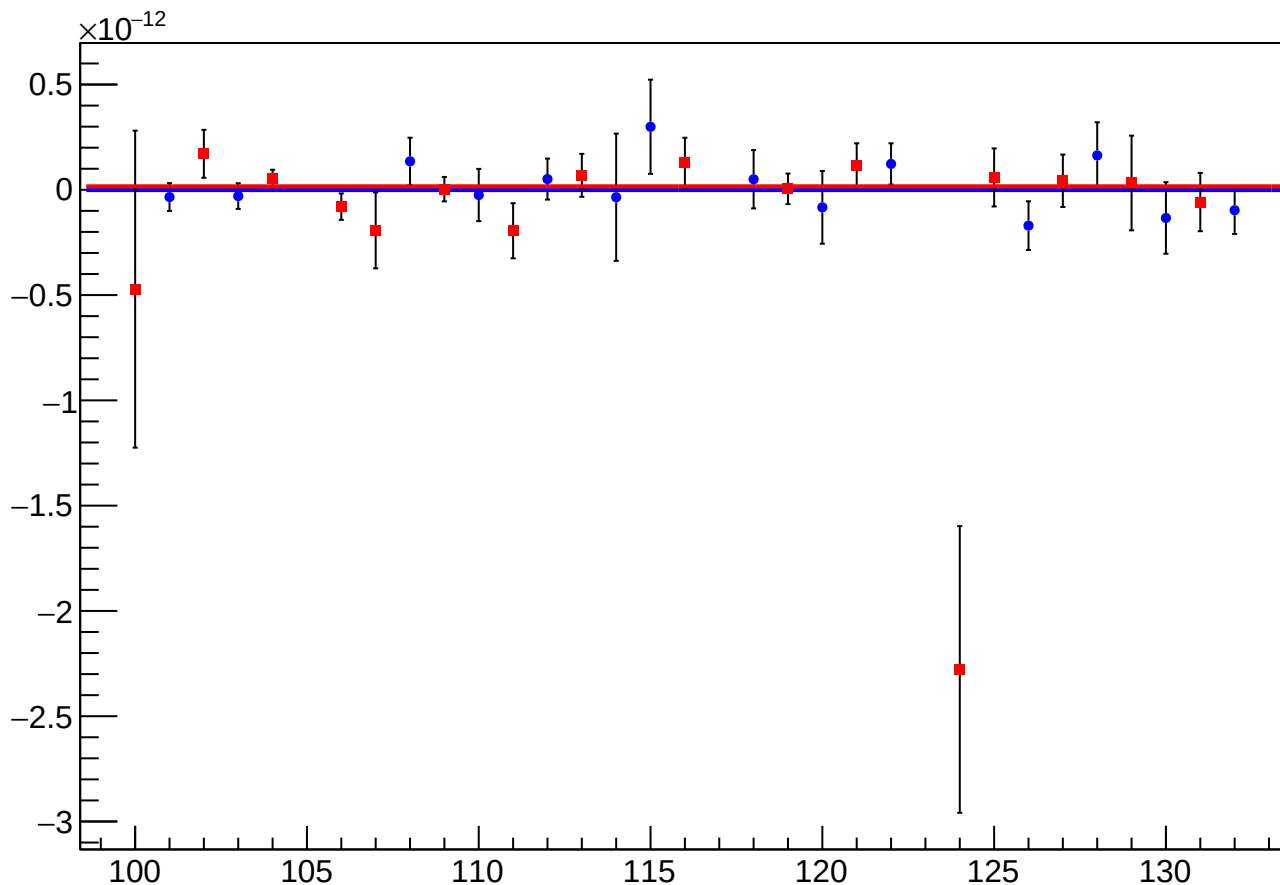
Right: 63.230+/-0.015 χ^2/NDF : 5202914.8/29

In: 70.271+/-0.023 χ^2/NDF : 1903946.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.230+/-0.015 χ^2/NDF : 5202914.8/29

asym_at2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 23.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

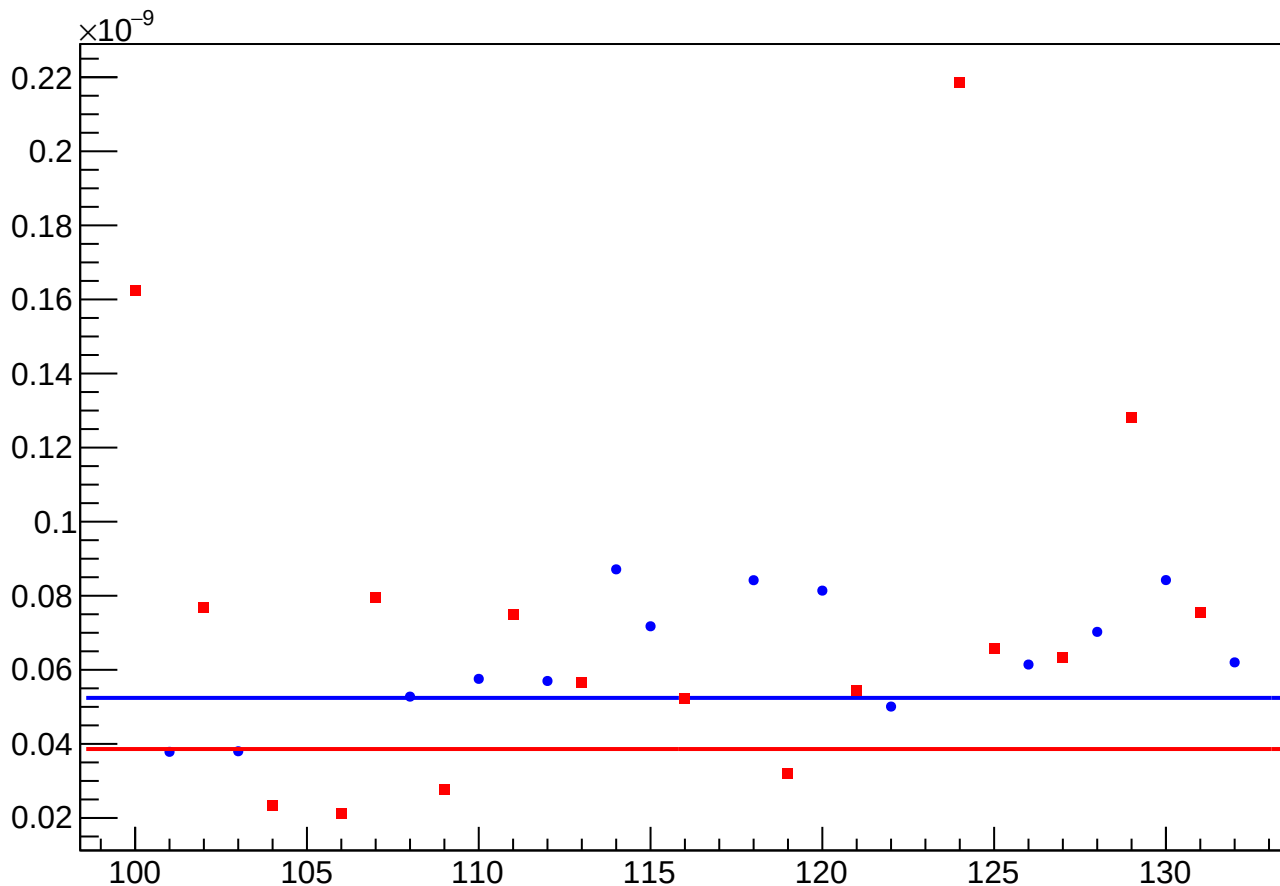
Right: 0.000+/-0.000 χ^2/NDF : 34.2/29

In: -0.000+/-0.000 χ^2/NDF : 10.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 34.2/29

asym_at2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 544215.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1939344.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

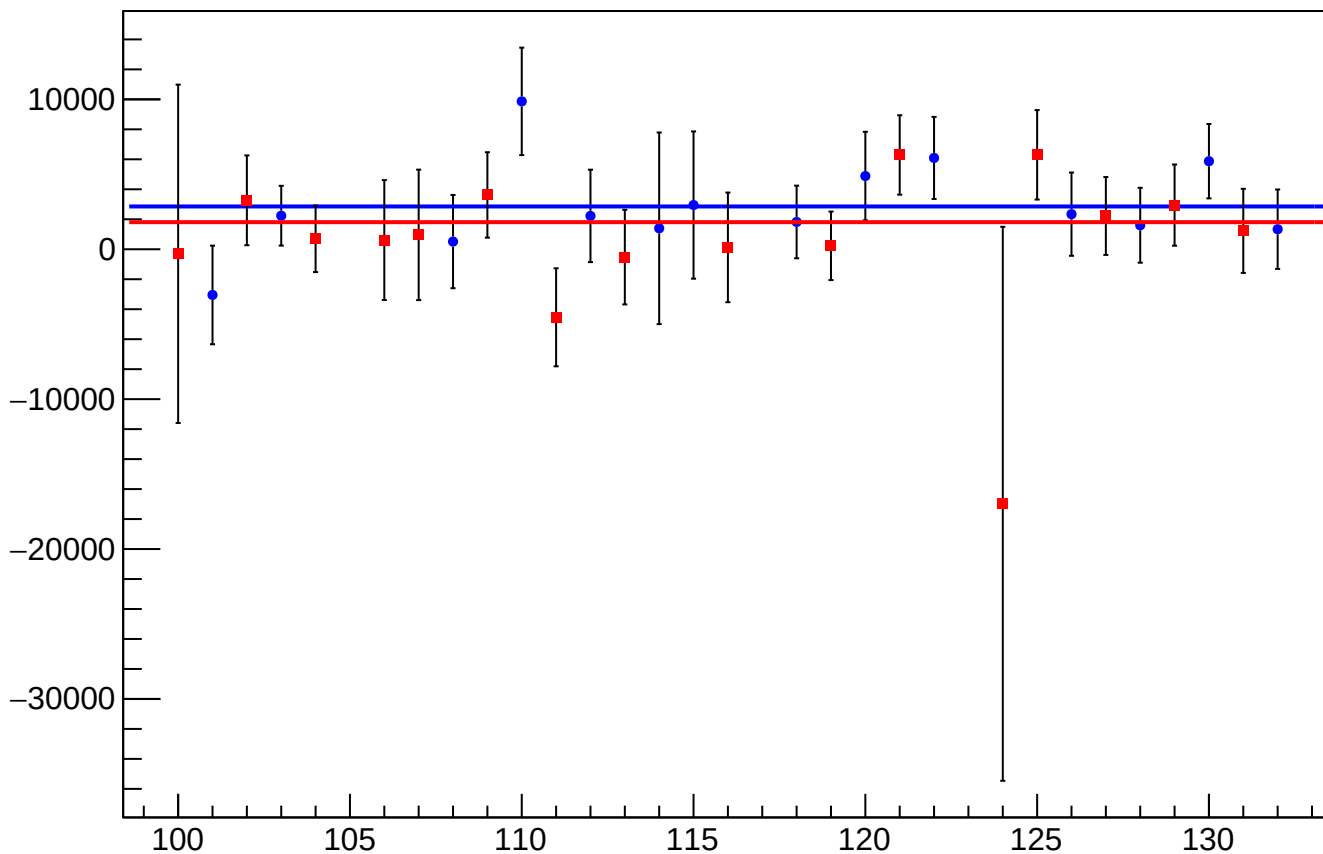
Right: 0.000+/-0.000 χ^2/NDF : 2765828.2/29

In: 0.000+/-0.000 χ^2/NDF : 544215.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2765828.2/29

reg_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2854.793+/-764.810 χ^2/NDF : 12.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1807.234+/-769.212 χ^2/NDF : 12.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

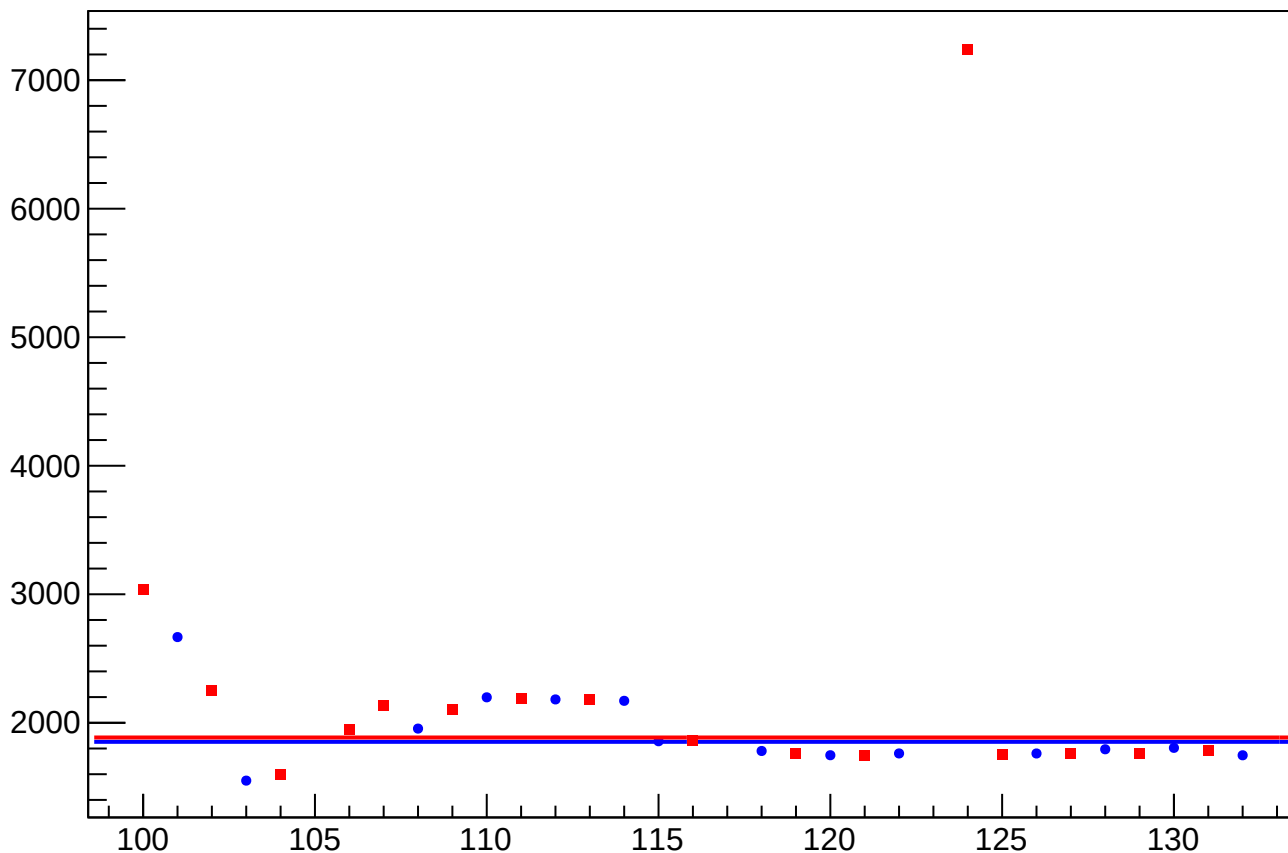
Right: 2334.019+/-542.352 χ^2/NDF : 25.4/29

In: 2854.793+/-764.810 χ^2/NDF : 12.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2334.019+/-542.352 χ^2/NDF : 25.4/29

reg_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1851.987+/-0.541 χ^2/NDF : 230833.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1885.711+/-0.542 χ^2/NDF : 331791.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

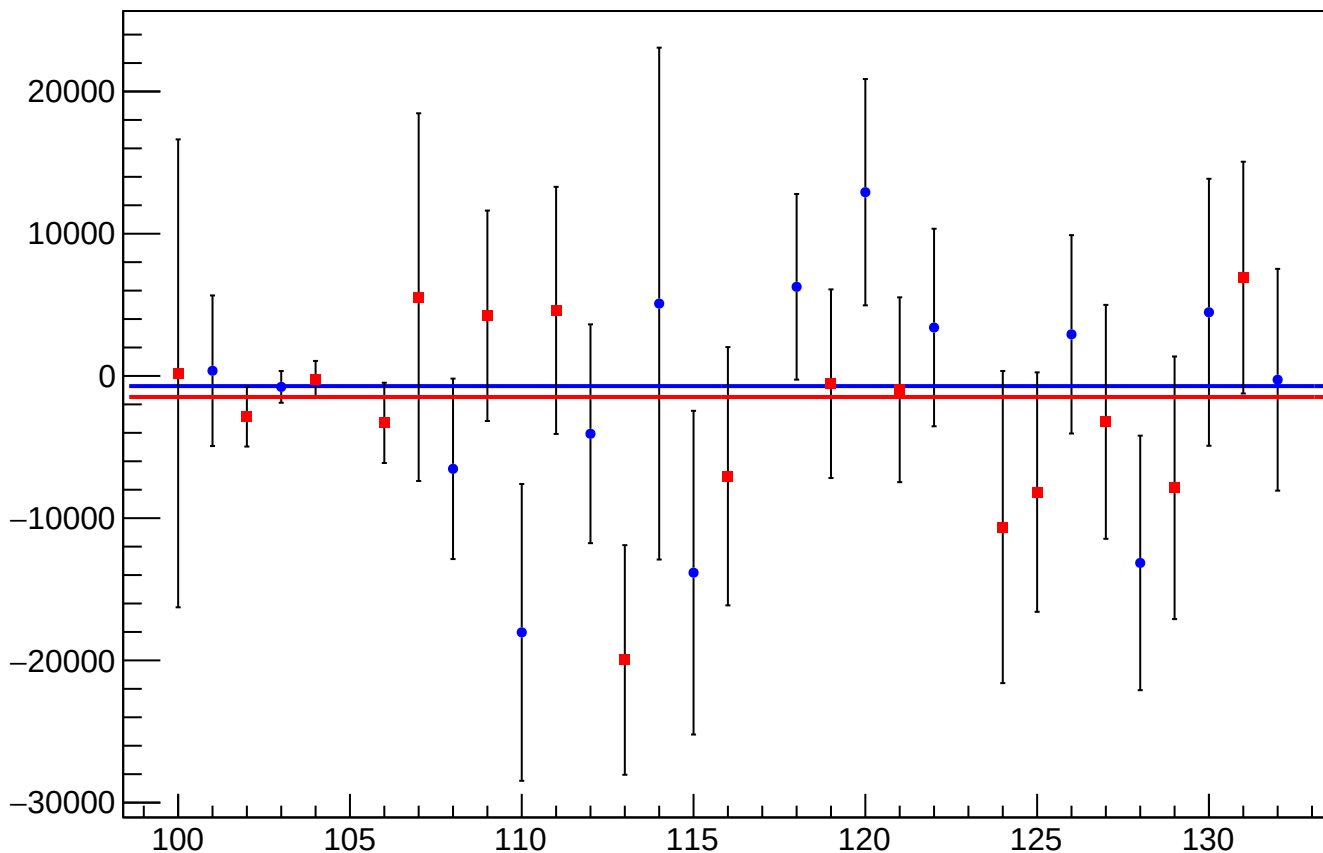
Right: 1868.799+/-0.383 χ^2/NDF : 564563.0/29

In: 1851.987+/-0.541 χ^2/NDF : 230833.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1868.799+/-0.383 χ^2/NDF : 564563.0/29

asym_atl1r2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -714.188+/-988.447 χ^2/NDF : 12.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1479.359+/-933.825 χ^2/NDF : 11.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

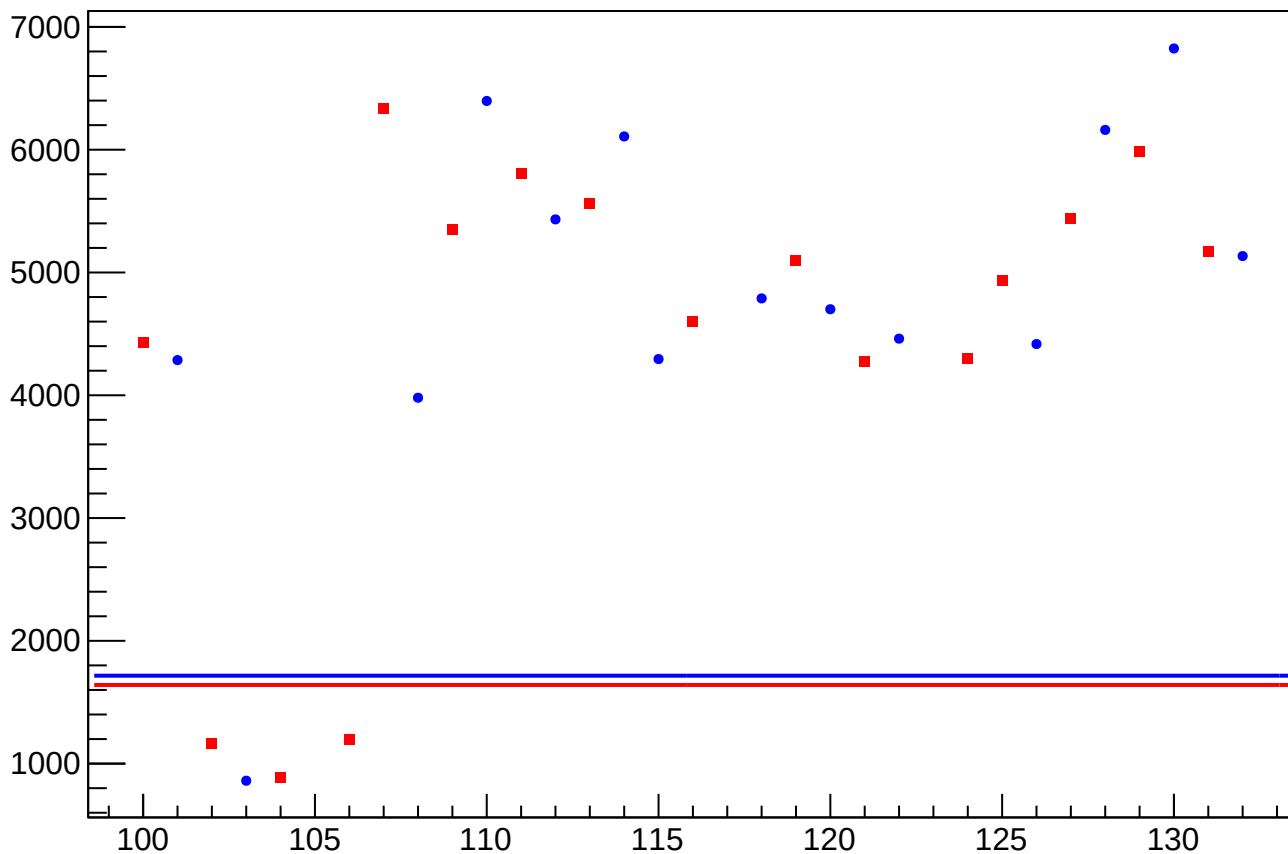
Right: -1118.498+/-678.803 χ^2/NDF : 24.3/29

In: -714.188+/-988.447 χ^2/NDF : 12.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1118.498+/-678.803 χ^2/NDF : 24.3/29

asym_atl1r2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1716.125+/-0.699 χ^2/NDF : 5802699.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1640.543+/-0.660 χ^2/NDF : 5361382.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

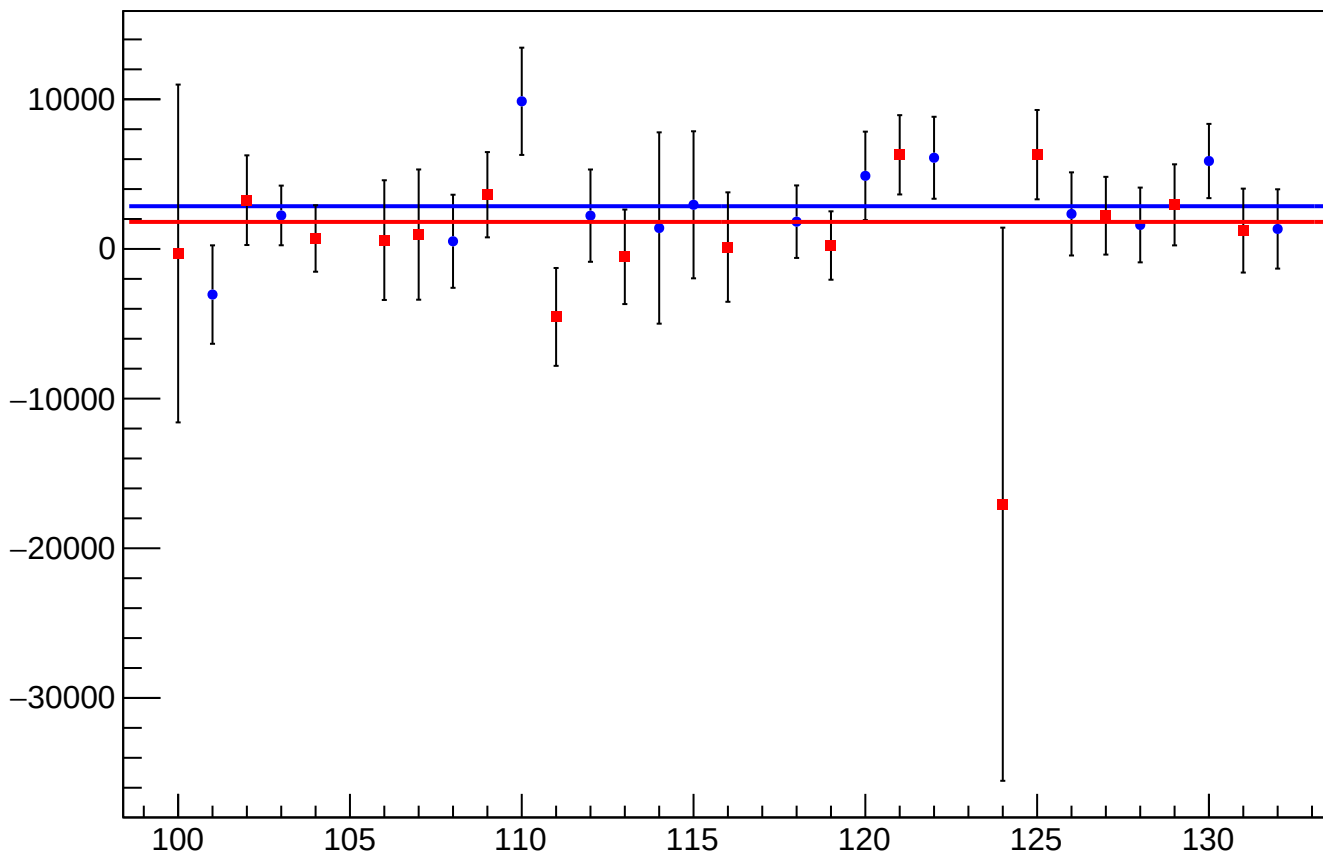
Right: 1676.188+/-0.480 χ^2/NDF : 11170260.8/29

In: 1716.125+/-0.699 χ^2/NDF :5802699.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1676.188+/-0.480 χ^2/NDF : 11170260.8/29

cor_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2854.887+/-764.810 χ^2/NDF : 12.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1805.643+/-769.213 χ^2/NDF : 12.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

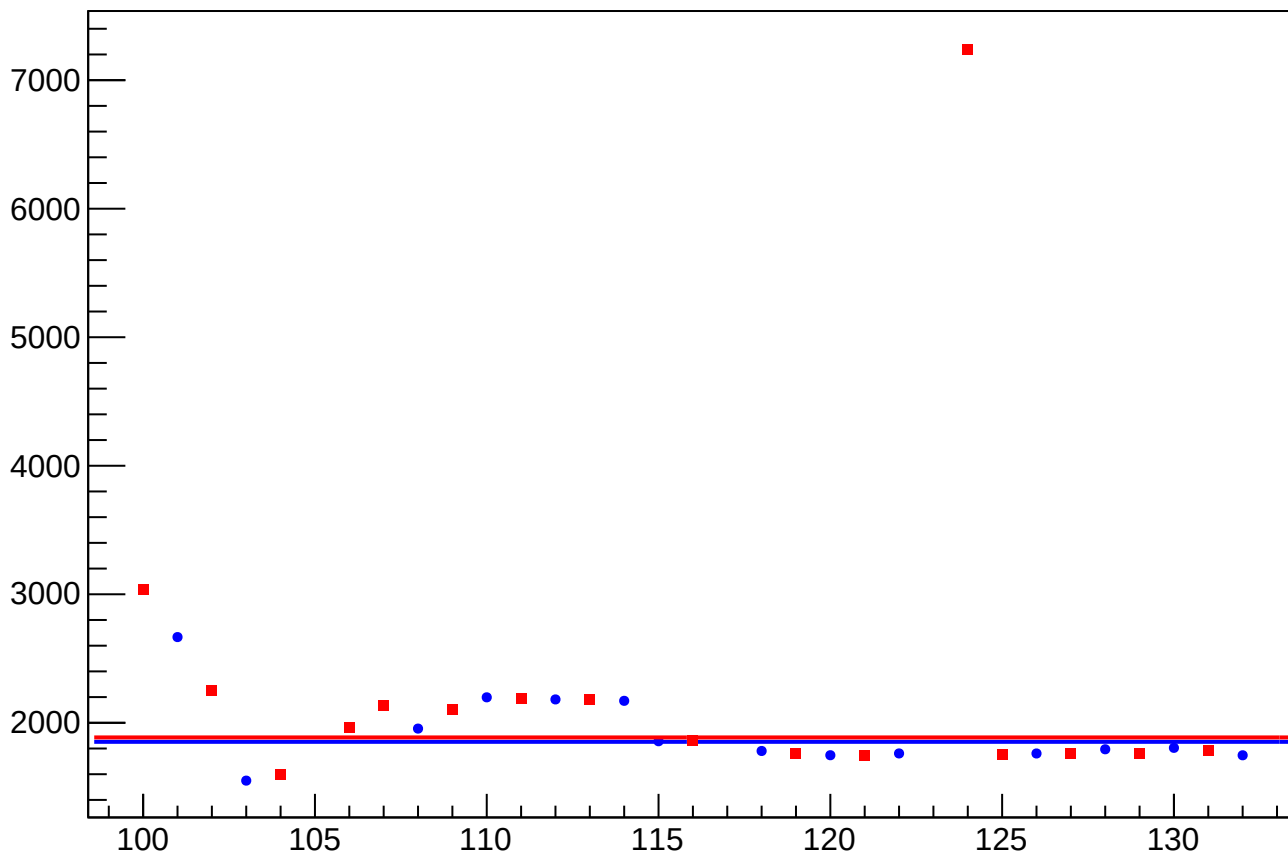
Right: 2333.276+/-542.353 χ^2/NDF : 25.4/29

In: 2854.887+/-764.810 χ^2/NDF : 12.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2333.276+/-542.353 χ^2/NDF : 25.4/29

cor_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1851.987+/-0.541 χ^2/NDF : 230833.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1886.250+/-0.543 χ^2/NDF : 332054.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

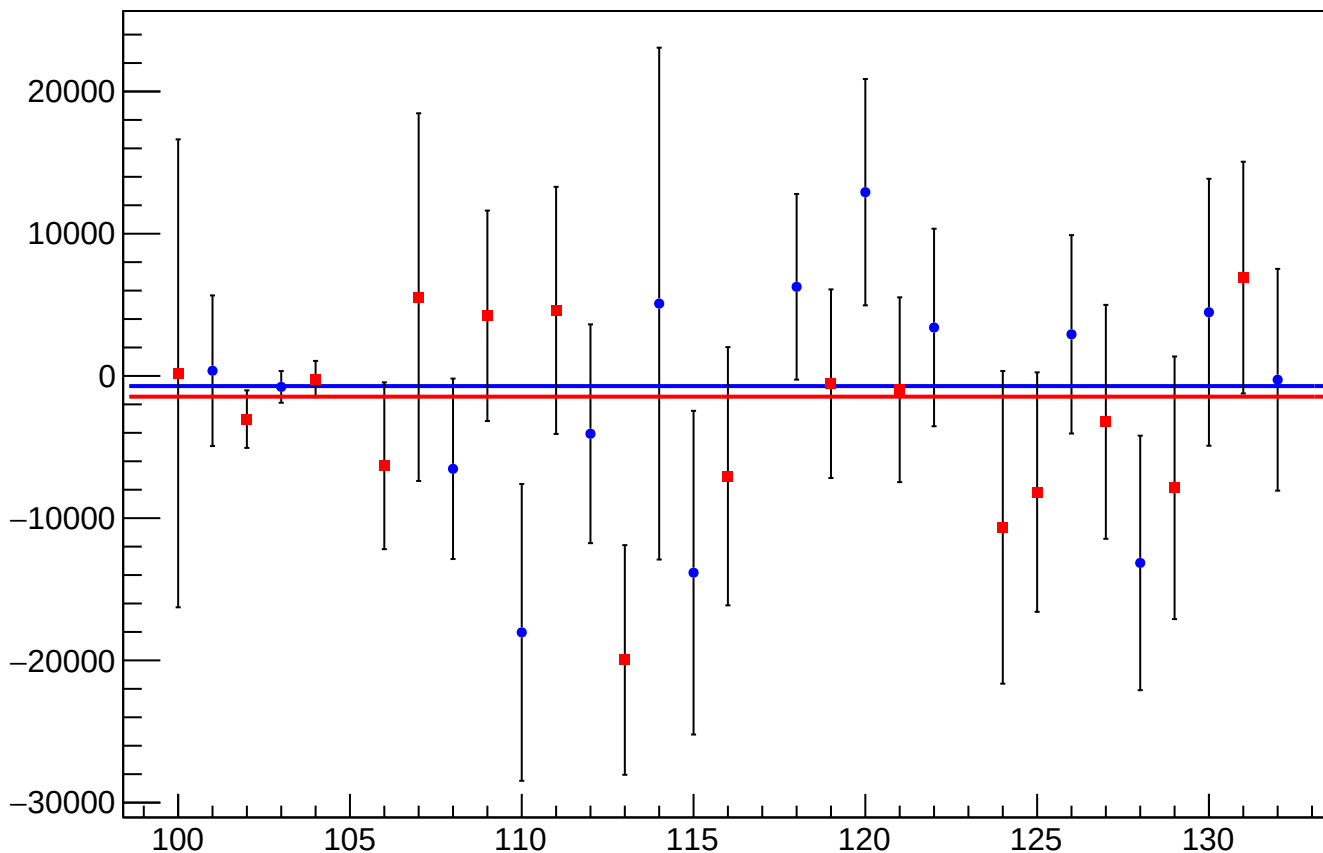
Right: 1869.063+/-0.383 χ^2/NDF : 564887.4/29

In: 1851.987+/-0.541 χ^2/NDF : 230833.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1869.063+/-0.383 χ^2/NDF : 564887.4/29

asym_atl1r2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -713.698+/-988.389 χ^2/NDF : 12.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1456.724+/-968.063 χ^2/NDF : 12.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

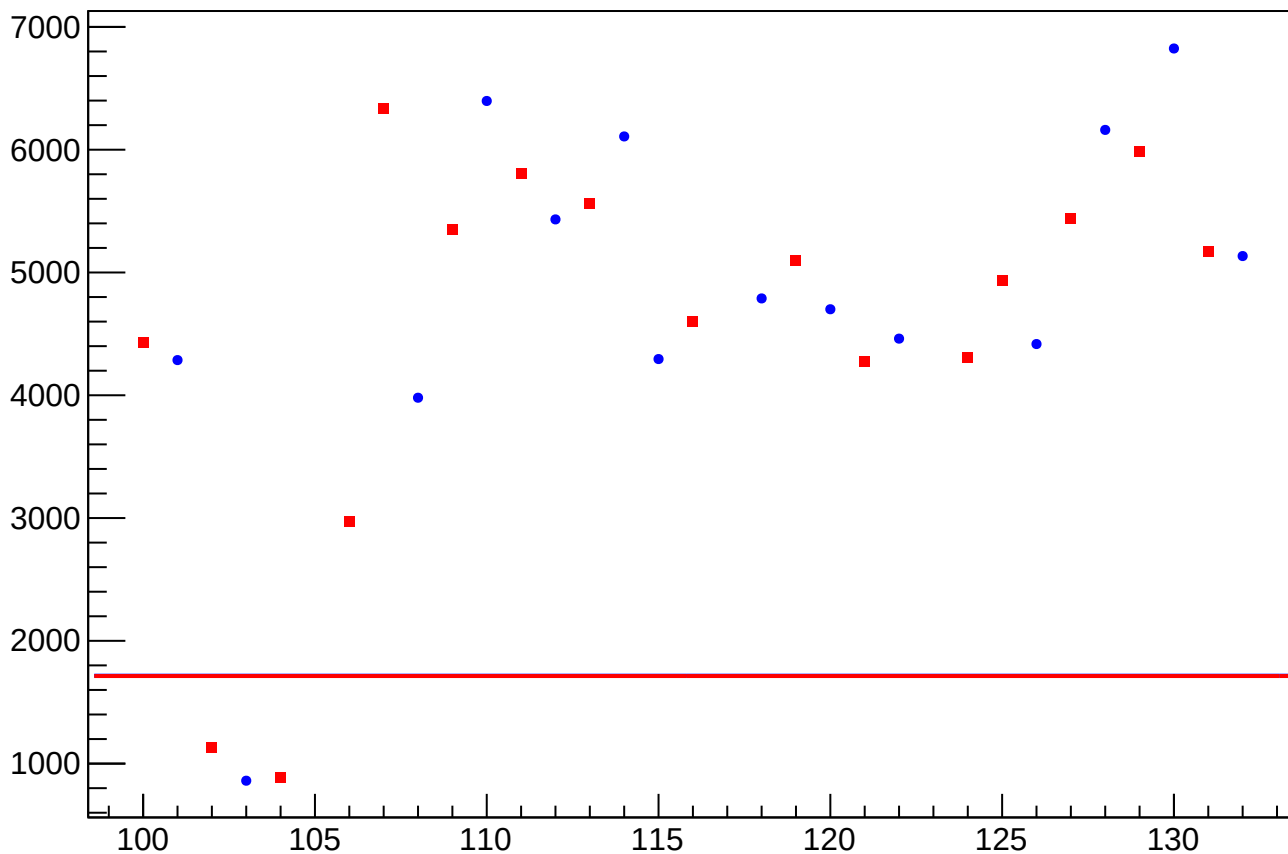
Right: -1092.930+/-691.598 χ^2/NDF : 24.7/29

In: -713.698+/-988.389 χ^2/NDF : 12.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1092.930+/-691.598 χ^2/NDF : 24.7/29

asym_atl1r2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1715.981+/-0.699 χ^2/NDF : 5803032.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1713.238+/-0.685 χ^2/NDF : 5428334.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

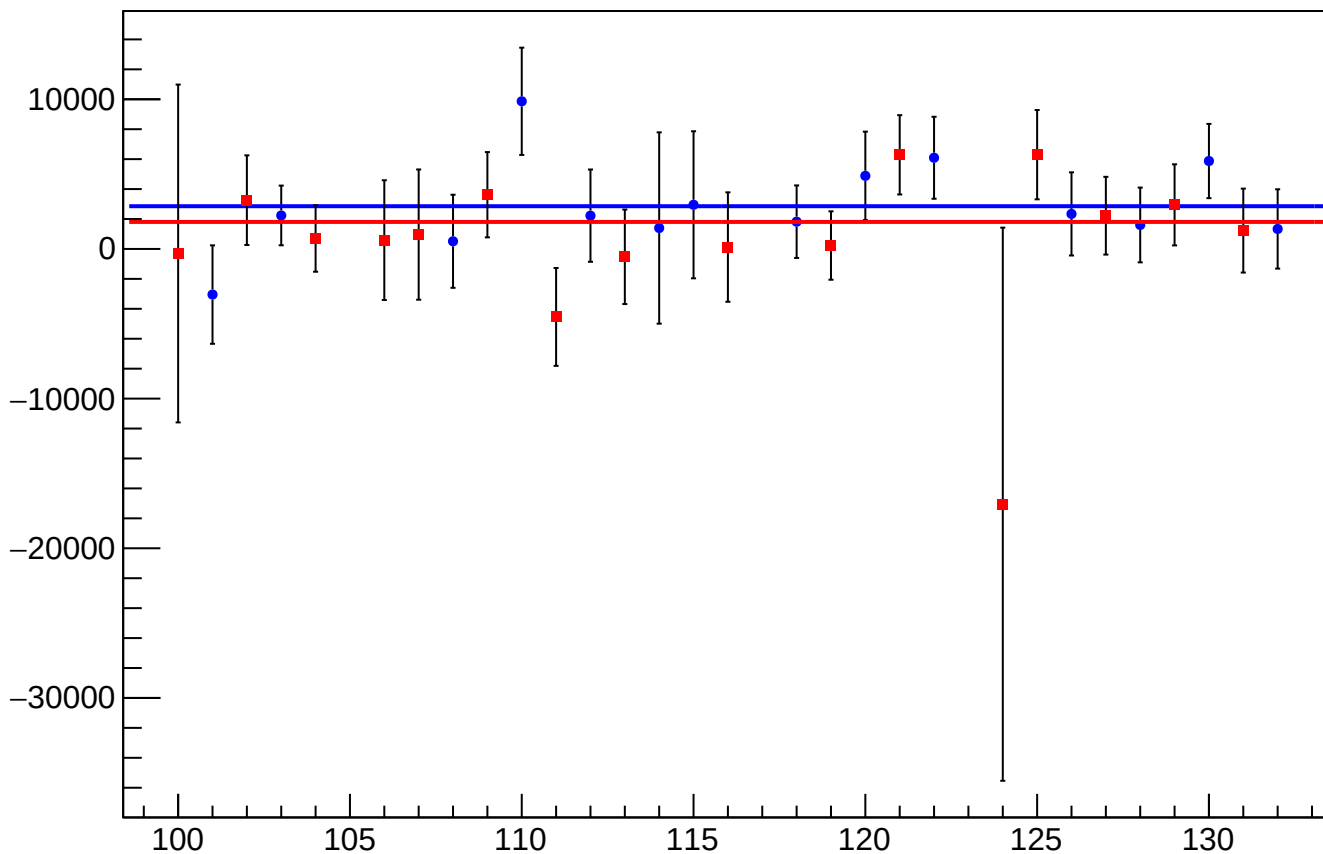
Right: 1714.581+/-0.489 χ^2/NDF : 11231374.3/29

In: 1715.981+/-0.699 χ^2/NDF :5803032.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1714.581+/-0.489 χ^2/NDF : 11231374.3/29

eigen_cor_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2854.887+/-764.810 χ^2/NDF : 12.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1805.643+/-769.213 χ^2/NDF : 12.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

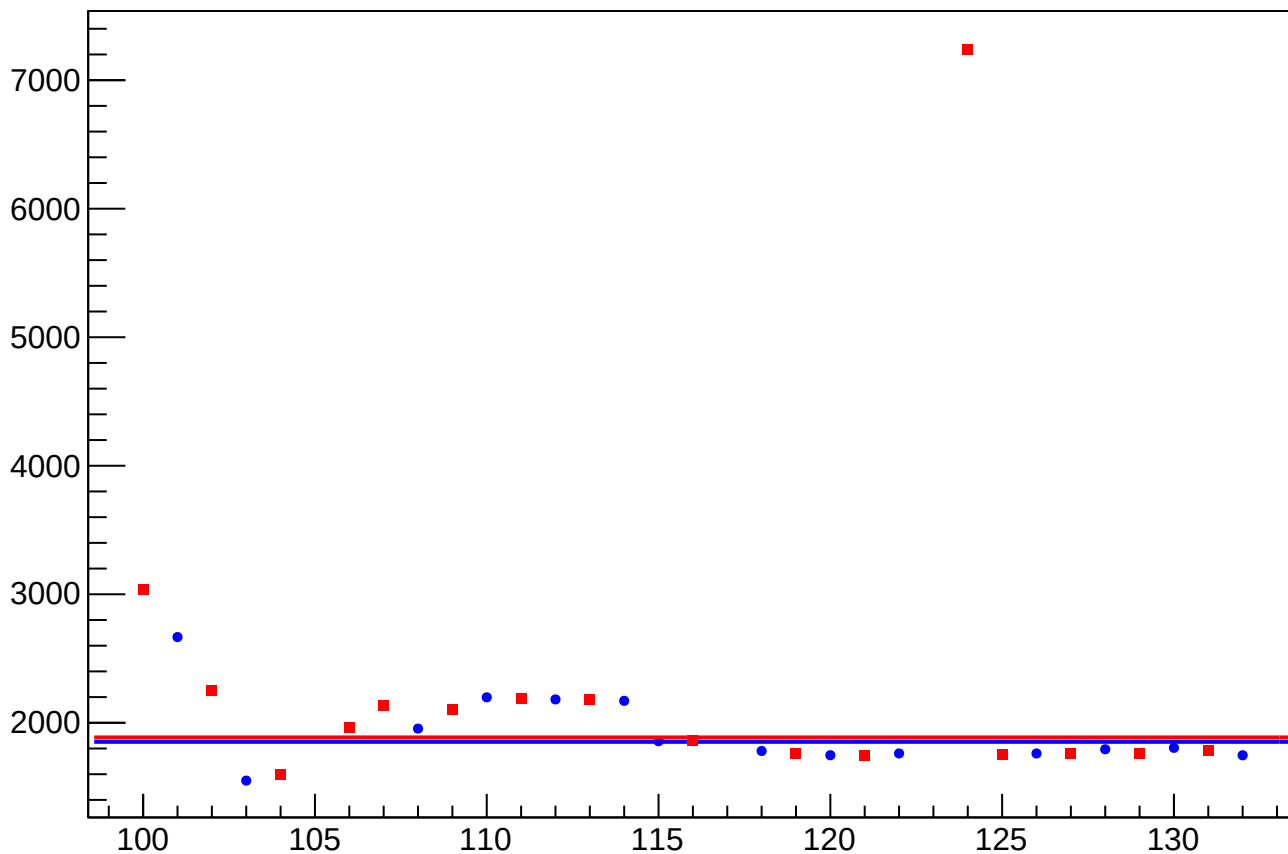
Right: 2333.276+/-542.353 χ^2/NDF : 25.4/29

In: 2854.887+/-764.810 χ^2/NDF : 12.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2333.276+/-542.353 χ^2/NDF : 25.4/29

eigen_cor_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1851.987+/-0.541 χ^2/NDF : 230833.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1886.250+/-0.543 χ^2/NDF : 332054.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

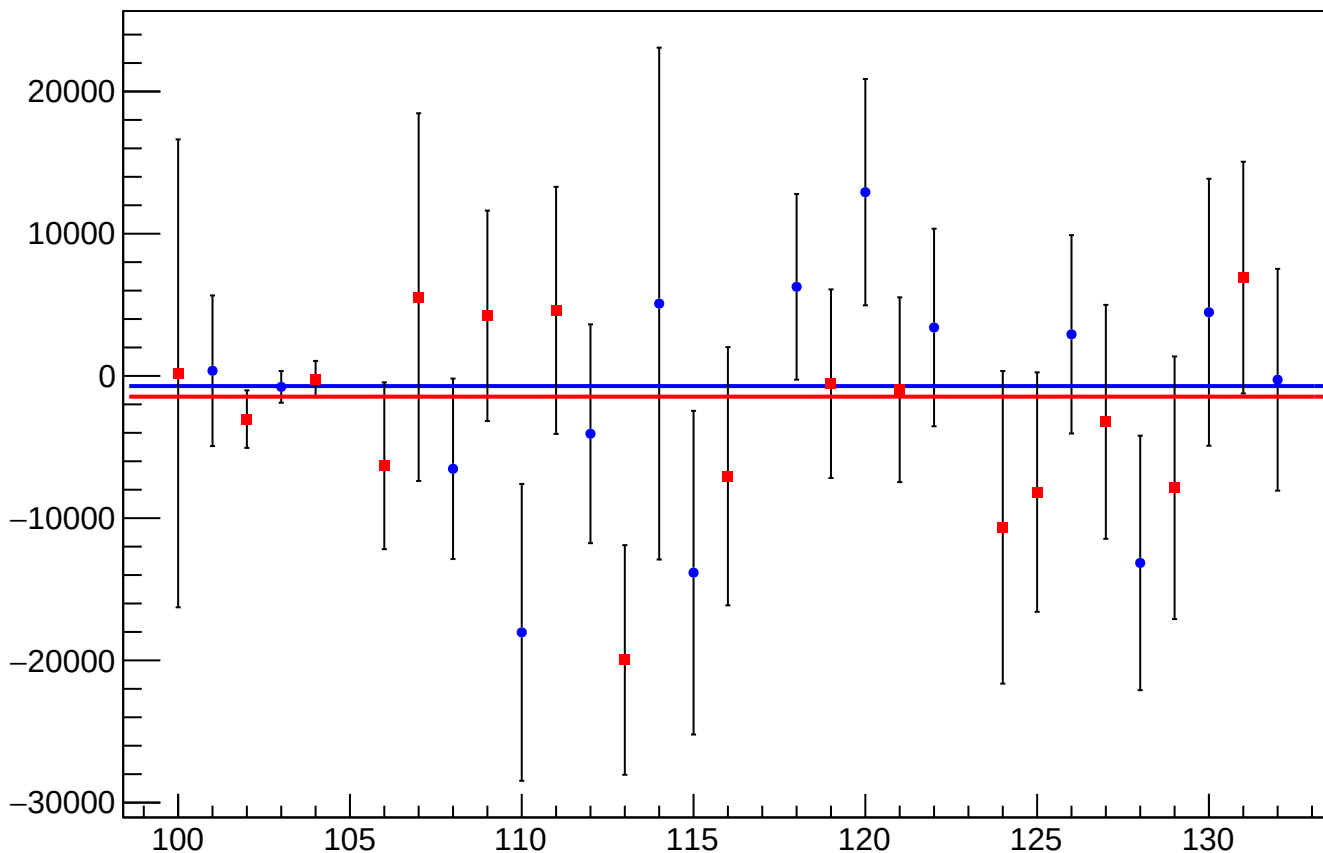
Right: 1869.063+/-0.383 χ^2/NDF : 564887.4/29

In: 1851.987+/-0.541 χ^2/NDF : 230833.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1869.063+/-0.383 χ^2/NDF : 564887.4/29

asym_atl1r2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -713.698+/-988.389 χ^2/NDF : 12.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1456.724+/-968.063 χ^2/NDF : 12.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

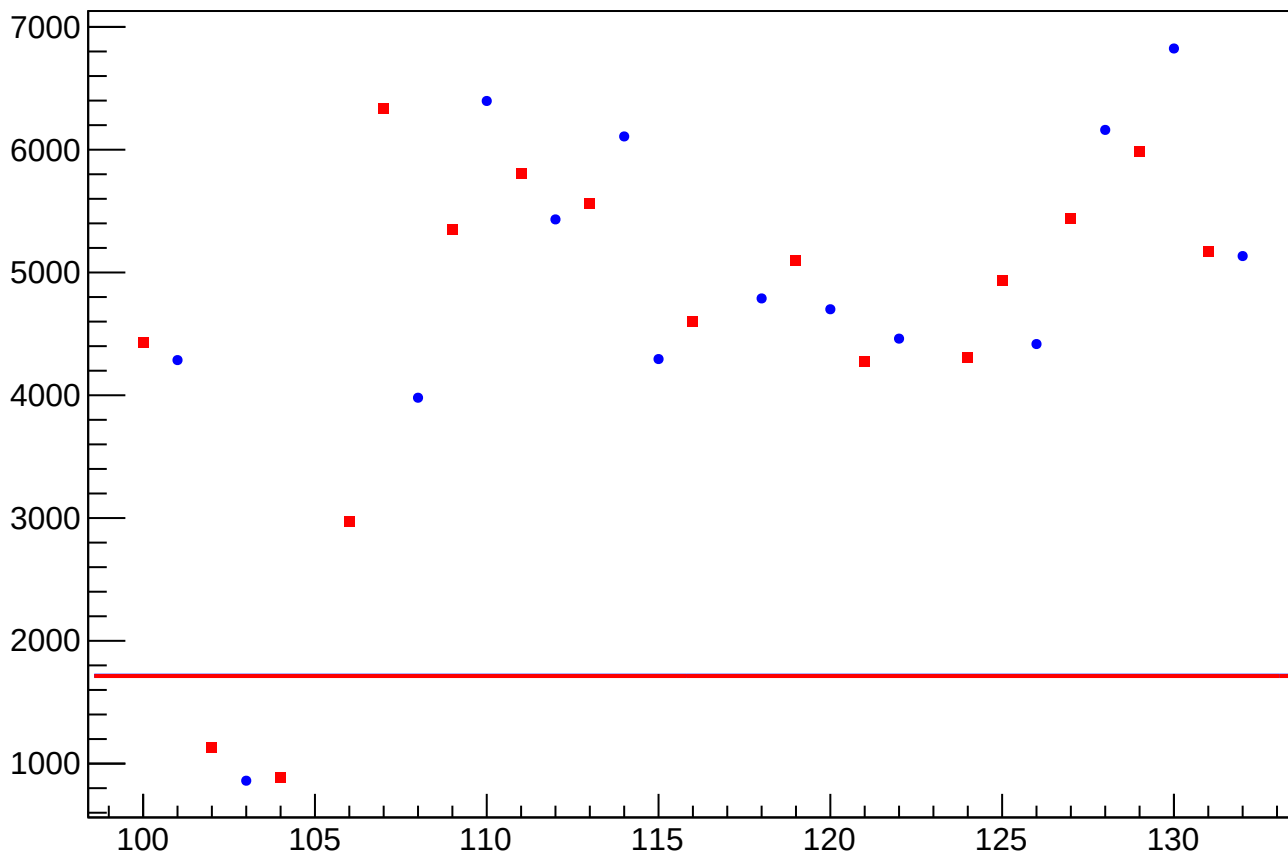
Right: -1092.930+/-691.598 χ^2/NDF : 24.7/29

In: -713.698+/-988.389 χ^2/NDF : 12.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1092.930+/-691.598 χ^2/NDF : 24.7/29

asym_atl1r2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1715.981+/-0.699 χ^2/NDF : 5803032.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1713.238+/-0.685 χ^2/NDF : 5428334.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

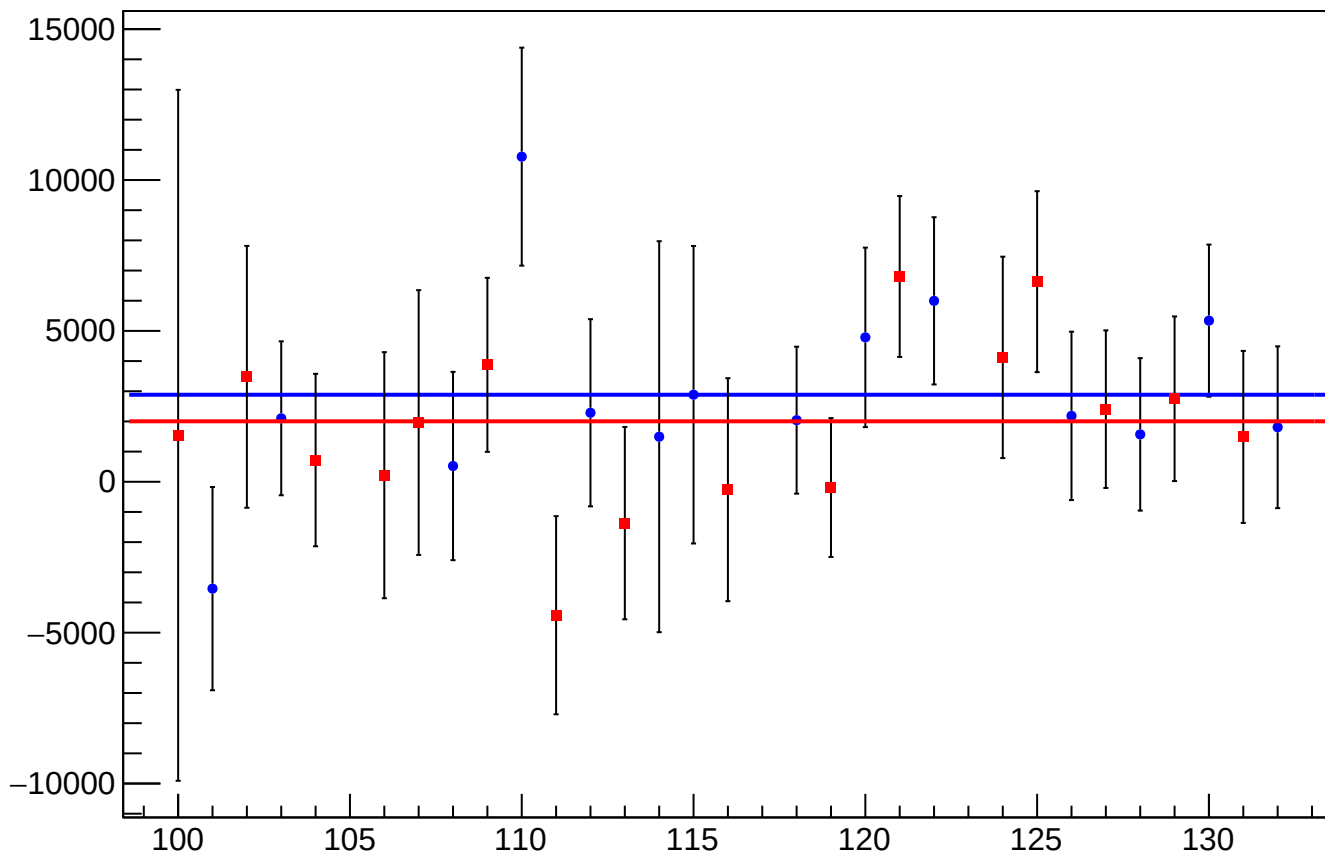
Right: 1714.581+/-0.489 χ^2/NDF : 11231374.3/29

In: 1715.981+/-0.699 χ^2/NDF :5803032.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1714.581+/-0.489 χ^2/NDF : 11231374.3/29

dit_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2884.060+/-794.572 χ^2/NDF : 12.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2003.850+/-786.945 χ^2/NDF : 13.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

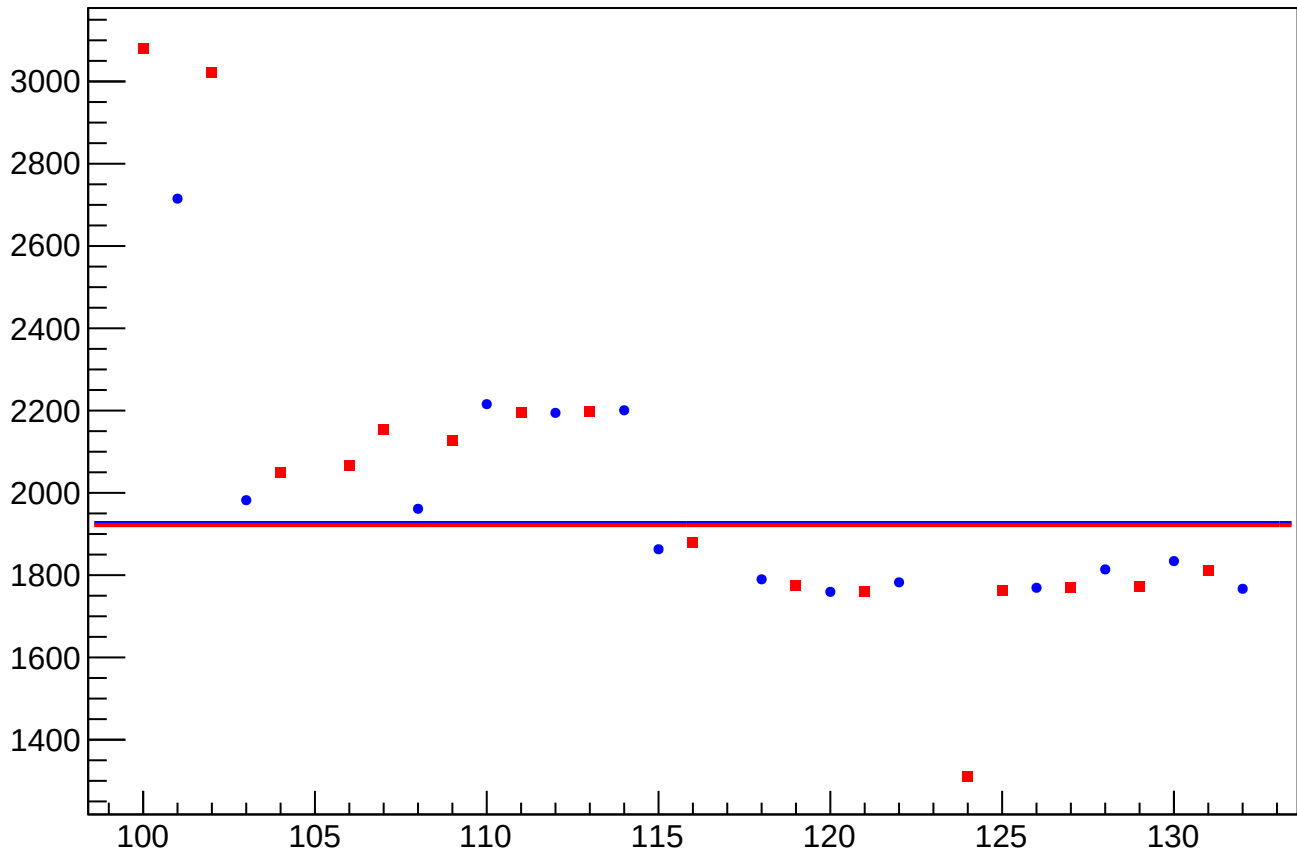
Right: 2439.710+/-559.131 χ^2/NDF : 26.3/29

In: 2884.060+/-794.572 χ^2/NDF : 12.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2439.710+/-559.131 χ^2/NDF : 26.3/29

dit_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1926.752+/-0.562 χ^2/NDF : 180673.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1921.472+/-0.556 χ^2/NDF : 304591.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

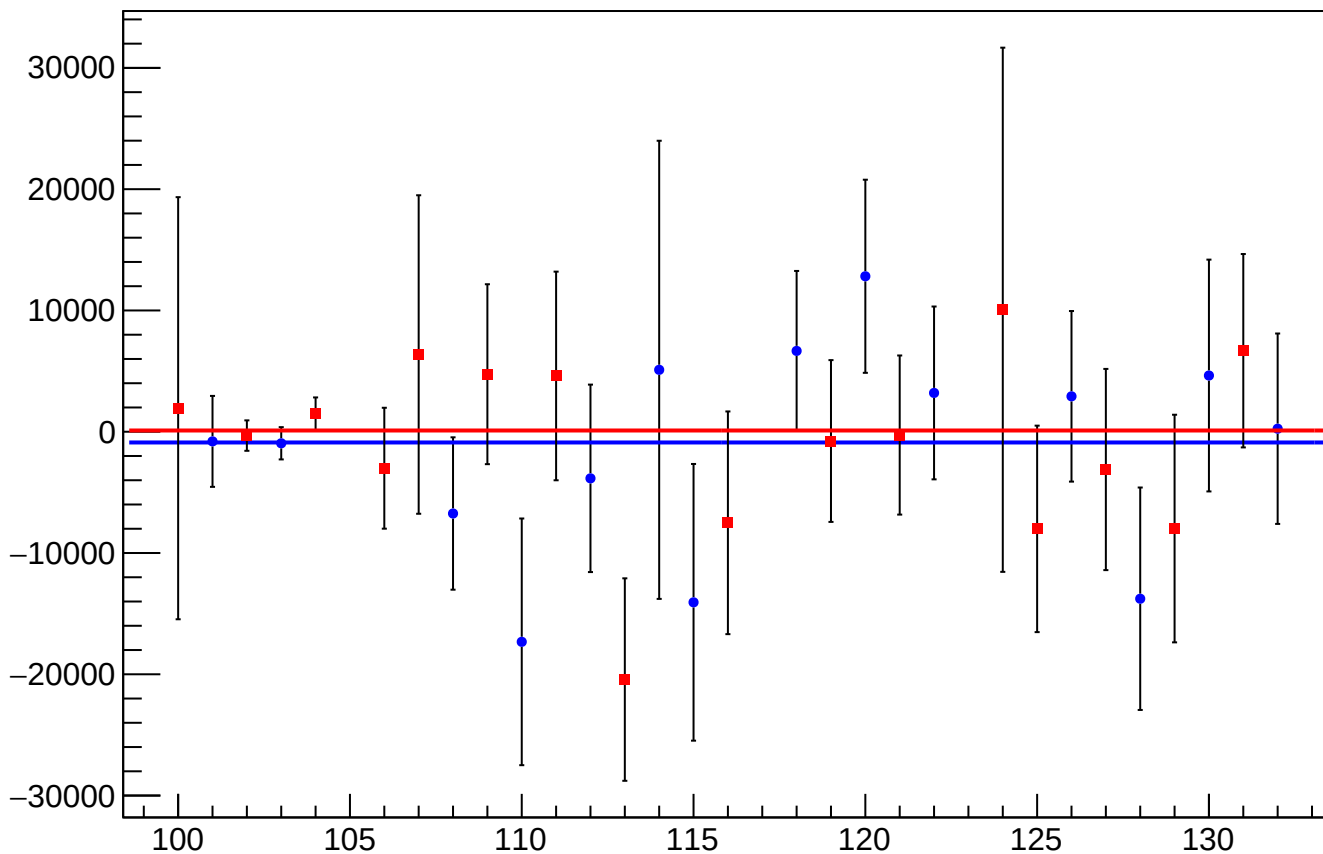
Right: 1924.084+/-0.395 χ^2/NDF : 485309.4/29

In: 1926.752+/-0.562 χ^2/NDF : 180673.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1924.084+/-0.395 χ^2/NDF : 485309.4/29

asym_atl1r2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -885.570+/-1106.944 χ^2/NDF : 12.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.194+/-848.617 χ^2/NDF : 11.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

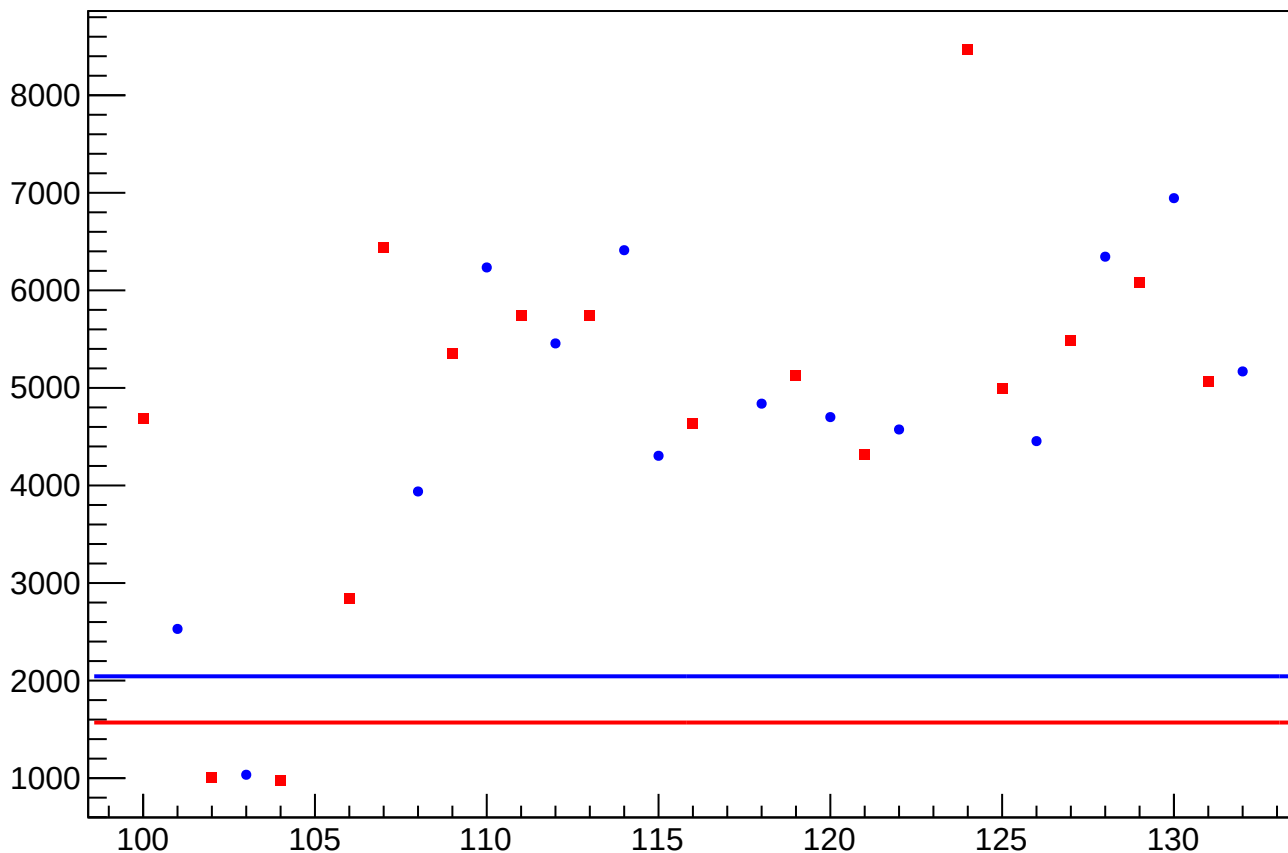
Right: -263.443+/-673.480 χ^2/NDF : 24.7/29

In: -885.570+/-1106.944 χ^2/NDF : 12.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -263.443+/-673.480 χ^2/NDF : 24.7/29

asym_atl1r2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2043.842+/-0.783 χ^2/NDF : 4633061.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1570.083+/-0.600 χ^2/NDF : 5708963.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

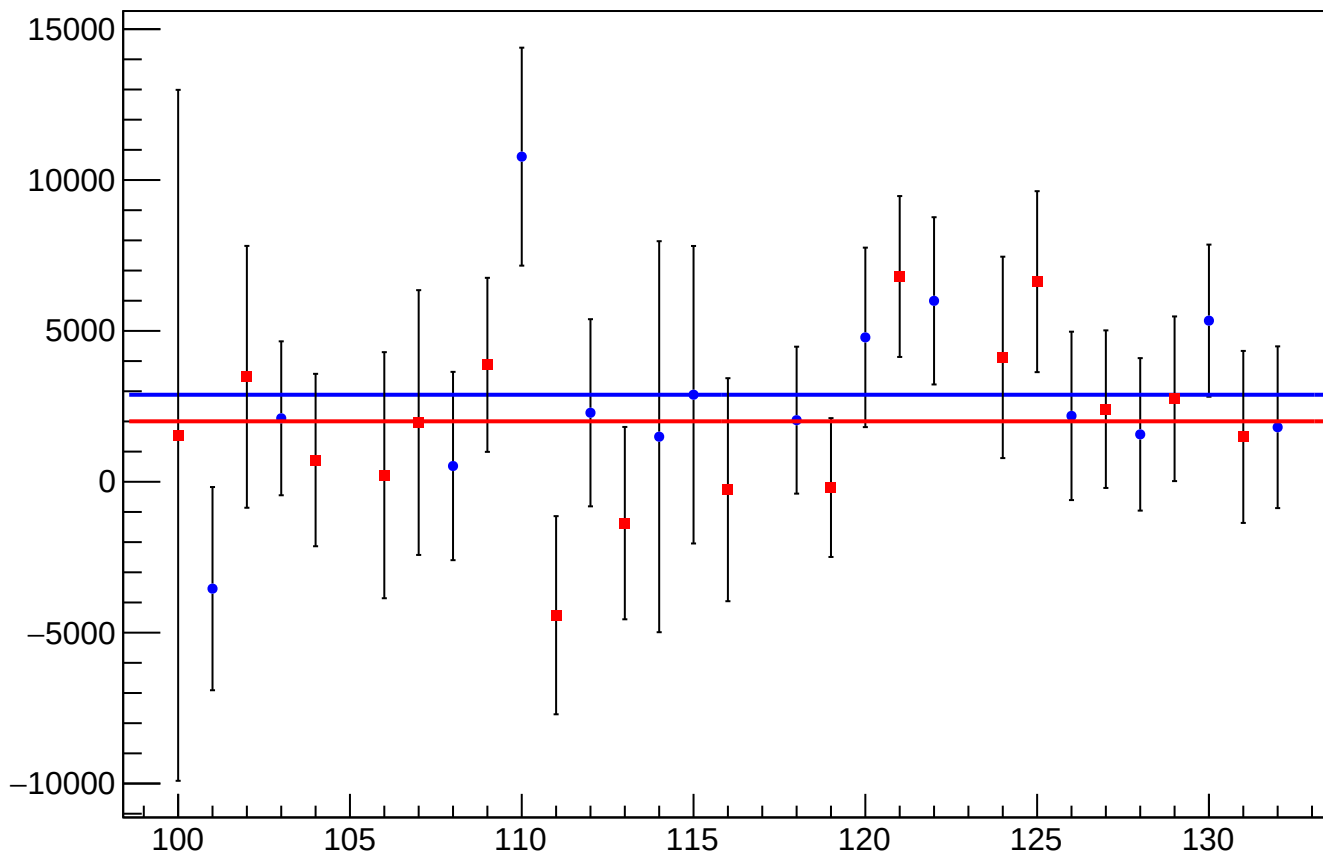
Right: 1745.453+/-0.476 χ^2/NDF : 10572764.3/29

In: 2043.842+/-0.783 χ^2/NDF :4633061.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1745.453+/-0.476 χ^2/NDF : 10572764.3/29

eigen_dit_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2884.057+/-794.572 χ^2/NDF : 12.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2003.856+/-786.945 χ^2/NDF : 13.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

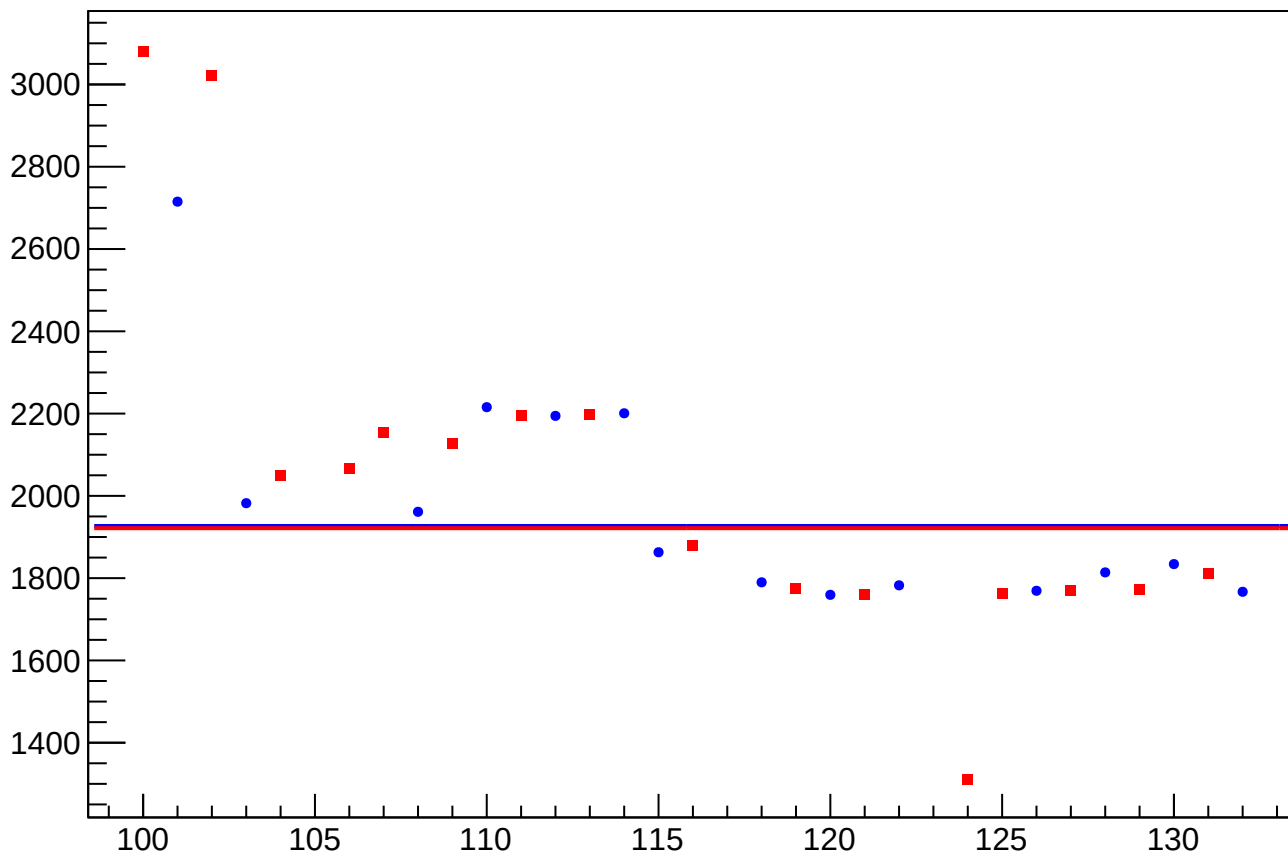
Right: 2439.712+/-559.131 χ^2/NDF : 26.3/29

In: 2884.057+/-794.572 χ^2/NDF : 12.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2439.712+/-559.131 χ^2/NDF : 26.3/29

eigen_dit_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1926.751+/-0.562 χ^2/NDF : 180673.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1921.471+/-0.556 χ^2/NDF : 304590.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

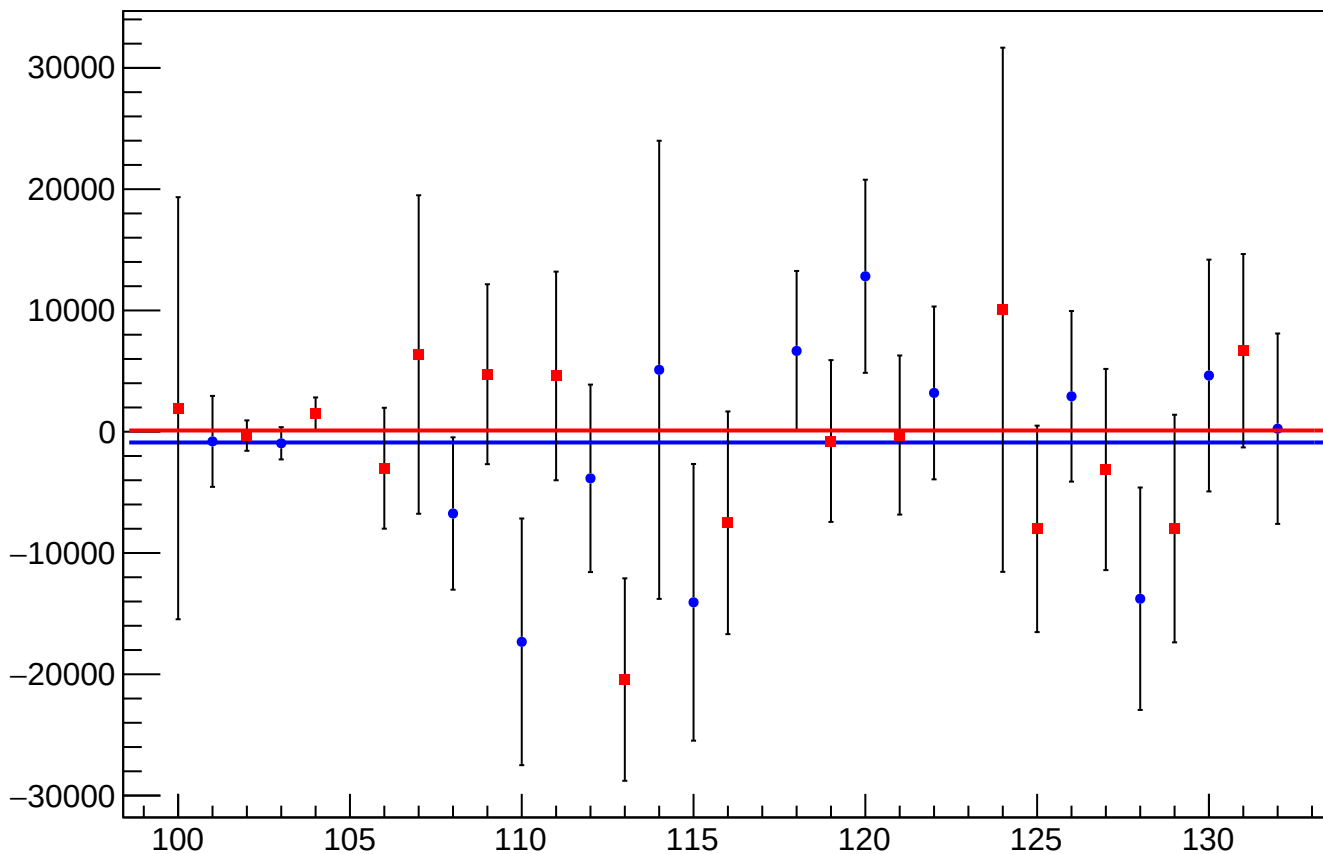
Right: 1924.083+/-0.395 χ^2/NDF : 485308.8/29

In: 1926.751+/-0.562 χ^2/NDF : 180673.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1924.083+/-0.395 χ^2/NDF : 485308.8/29

asym_atl1r2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -885.571+/-1106.943 χ^2/NDF : 12.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.188+/-848.617 χ^2/NDF : 11.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

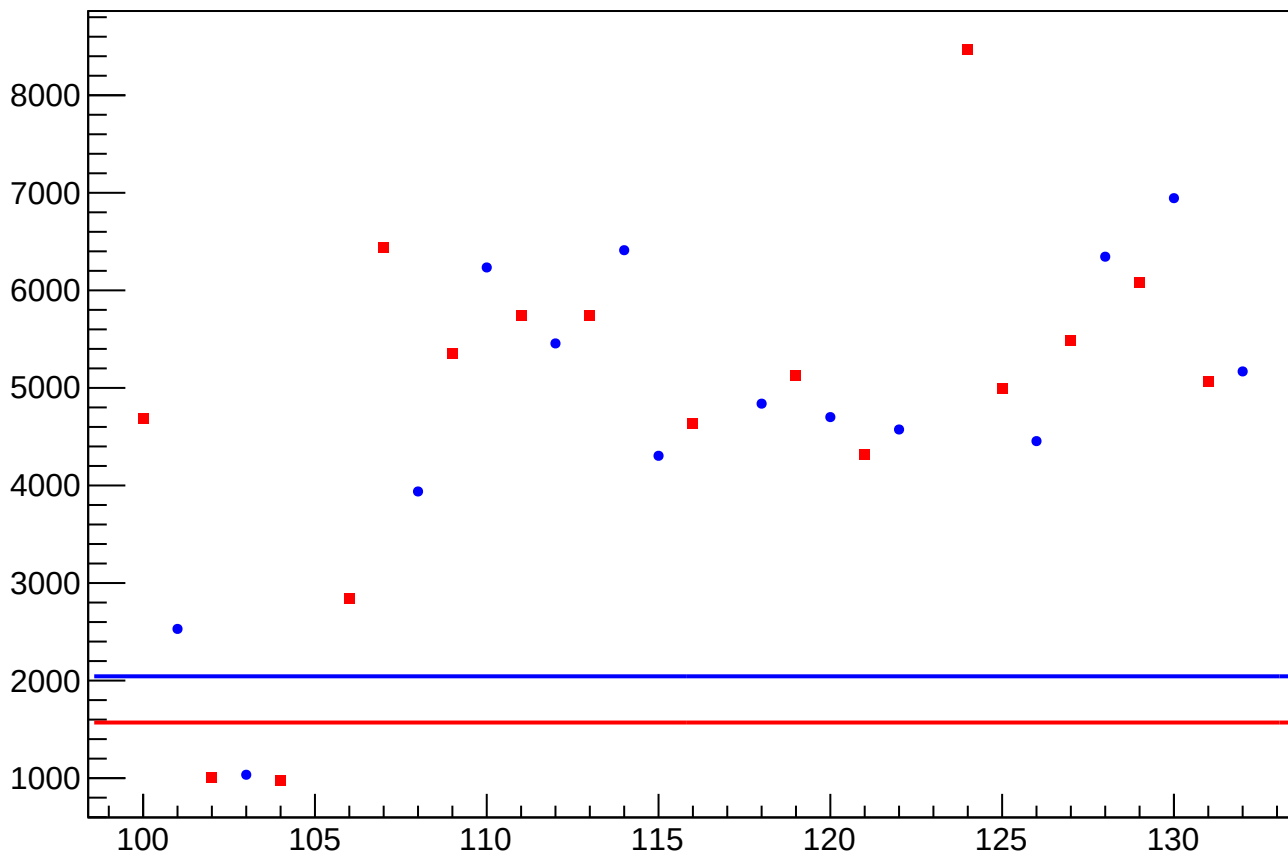
Right: -263.448+/-673.479 χ^2/NDF : 24.7/29

In: -885.571+/-1106.943 χ^2/NDF : 12.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -263.448+/-673.479 χ^2/NDF : 24.7/29

asym_atl1r2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2043.842+/-0.783 χ^2/NDF : 4633051.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1570.083+/-0.600 χ^2/NDF : 5708954.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

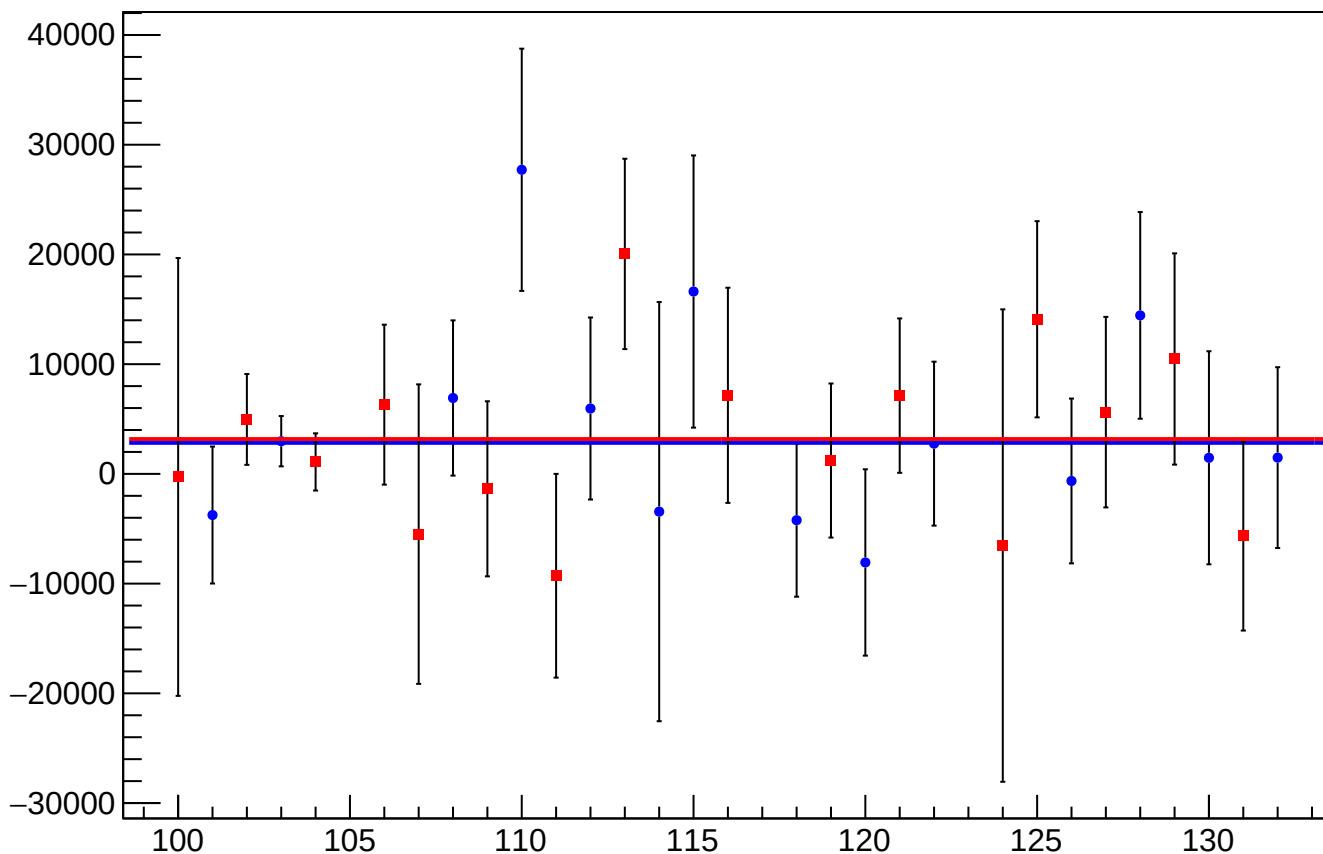
Right: 1745.453+/-0.476 χ^2/NDF : 10572744.3/29

In: 2043.842+/-0.783 χ^2/NDF : 4633051.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1745.453+/-0.476 χ^2/NDF : 10572744.3/29

asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2832.655+/-1633.666 χ^2/NDF : 12.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3173.316+/-1630.981 χ^2/NDF : 11.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

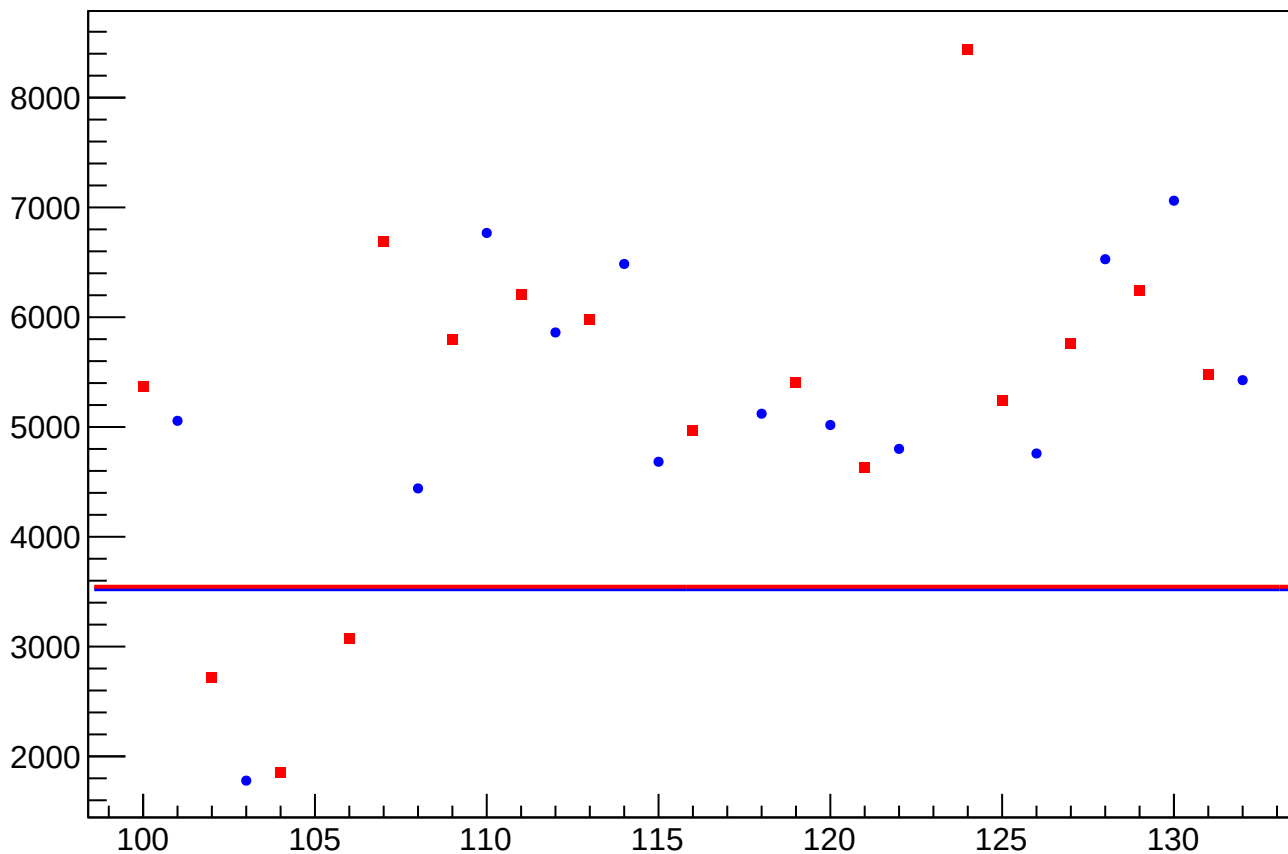
Right: 3003.266+/-1154.226 χ^2/NDF : 23.8/29

In: 2832.655+/-1633.666 χ^2/NDF : 12.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3003.266+/-1154.226 χ^2/NDF : 23.8/29

asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 3522.461+/-1.155 χ^2/NDF : 2565075.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3545.001+/-1.141 χ^2/NDF : 2335193.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

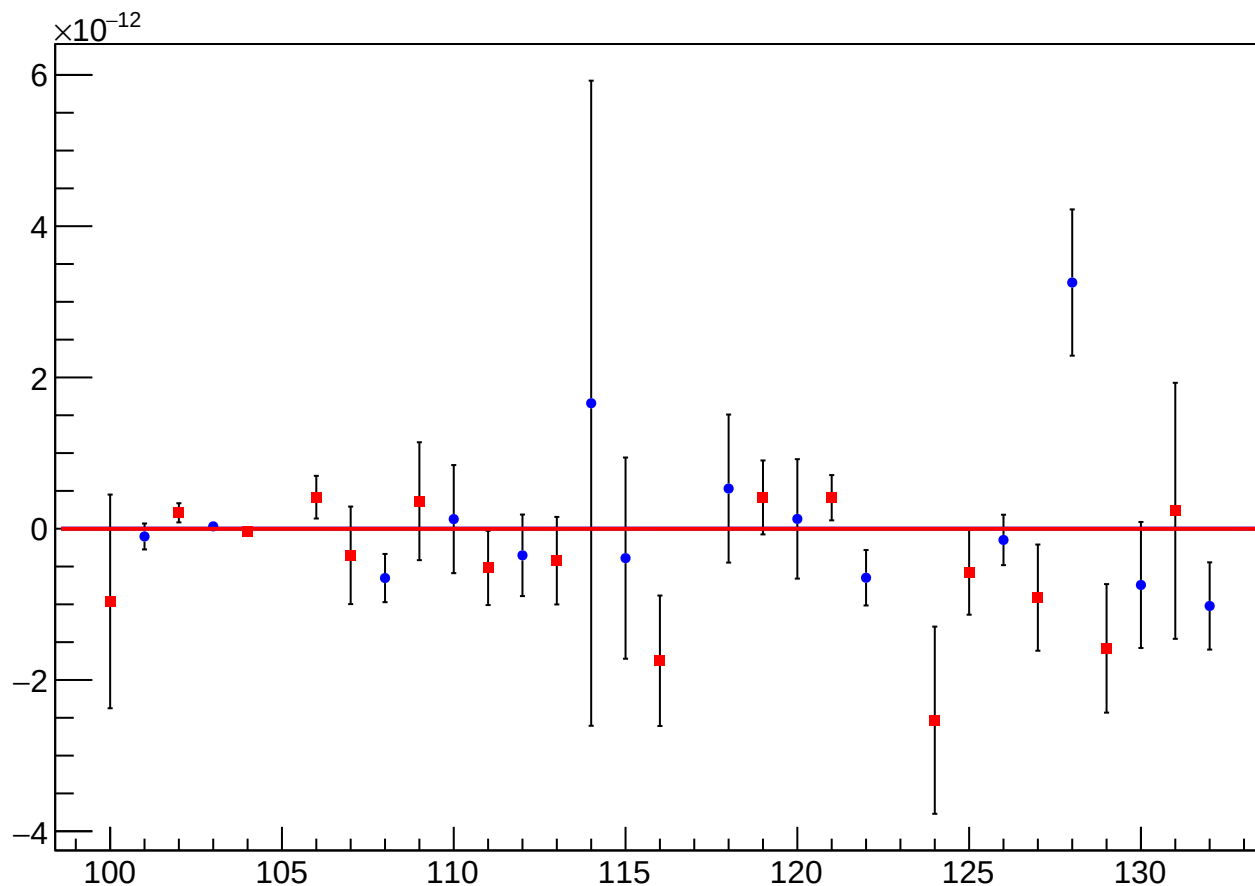
Right: 3533.874+/-0.812 χ^2/NDF : 4900461.7/29

In: 3522.461+/-1.155 χ^2/NDF : 2565075.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3533.874+/-0.812 χ^2/NDF : 4900461.7/29

asym_atl1r2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 24.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 25.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

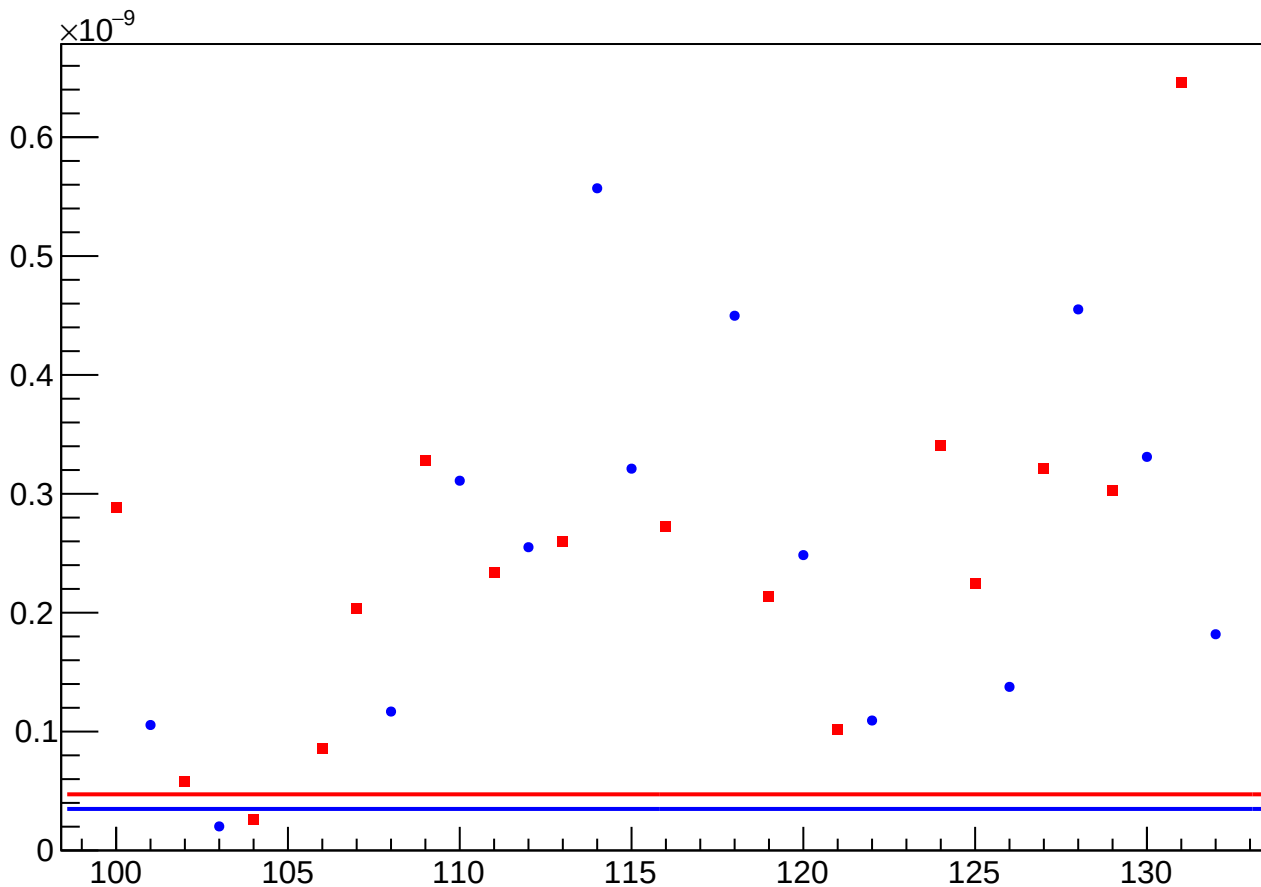
Right: -0.000+/-0.000 χ^2/NDF : 49.8/29

In: 0.000+/-0.000 χ^2/NDF : 24.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 49.8/29

asym_atl1r2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000

χ^2/NDF : 3006889.6/13

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000

χ^2/NDF : 2828709.6/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.000+/-0.000

χ^2/NDF : 5913896.5/29

In: 0.000+/-0.000

χ^2/NDF : 3006889.6/13

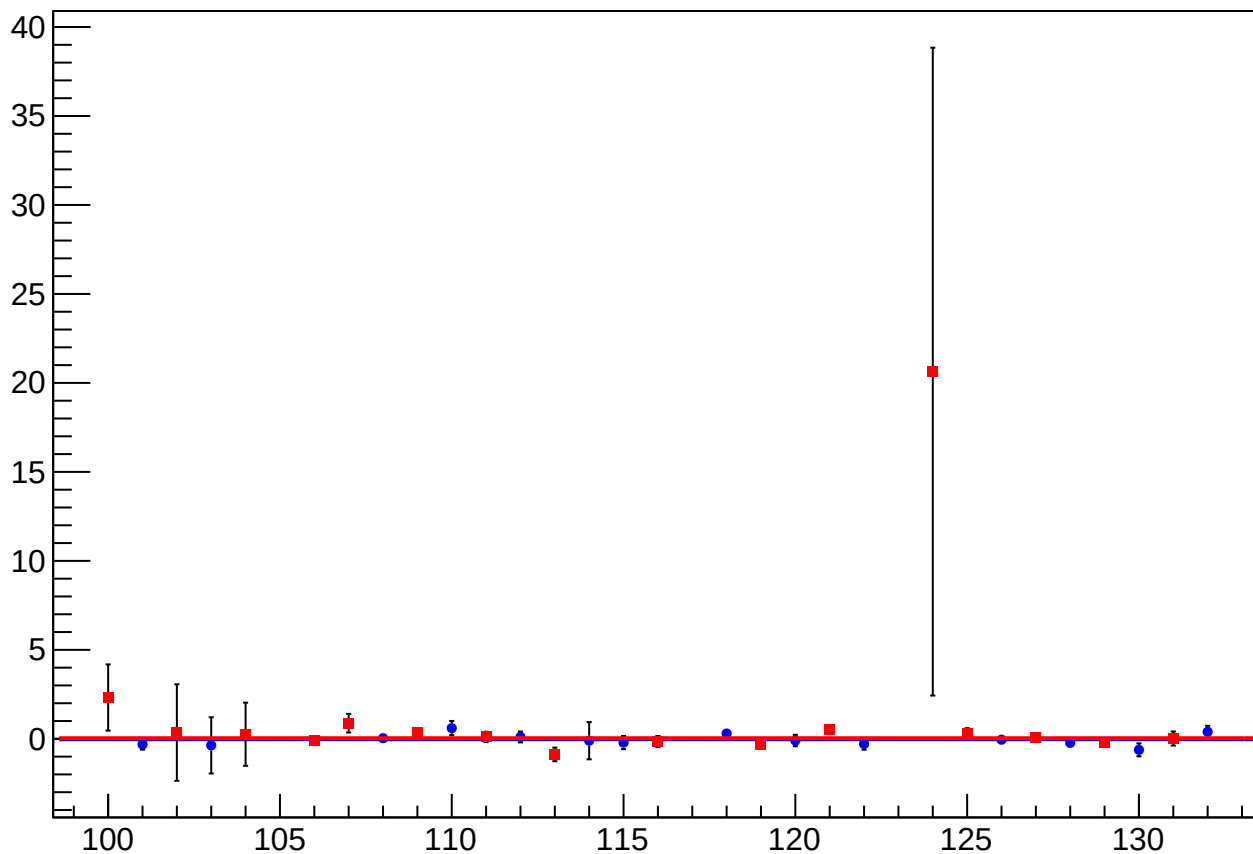
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.000+/-0.000

χ^2/NDF : 5913896.5/29

asym_atl1r2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022+/-0.085 χ^2/NDF : 11.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.034+/-0.083 χ^2/NDF : 20.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

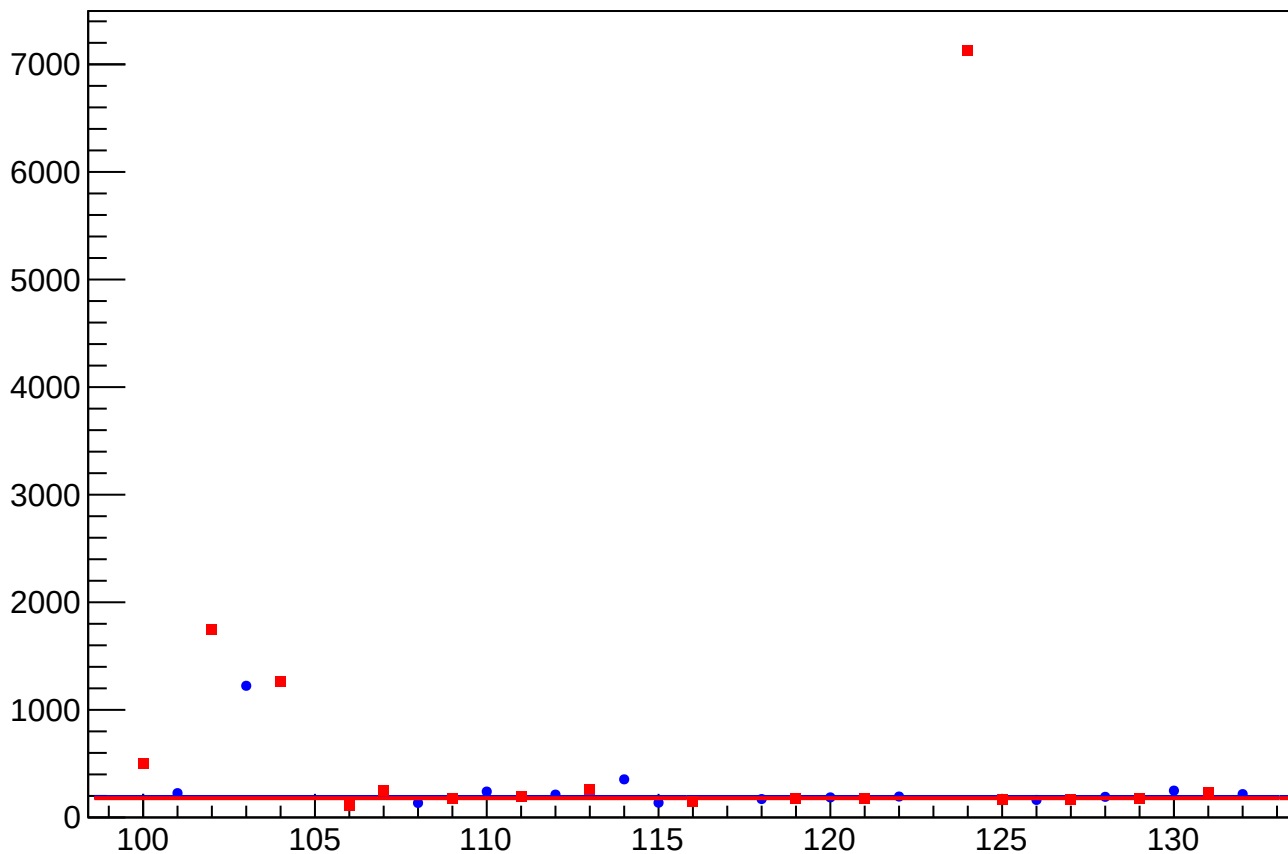
Right: 0.006+/-0.059 χ^2/NDF : 31.7/29

In: -0.022+/-0.085 χ^2/NDF : 11.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.059 χ^2/NDF : 31.7/29

asym_atl1r2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 189.882+/-0.060 χ^2/NDF : 1247380.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 179.141+/-0.059 χ^2/NDF : 2129953.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

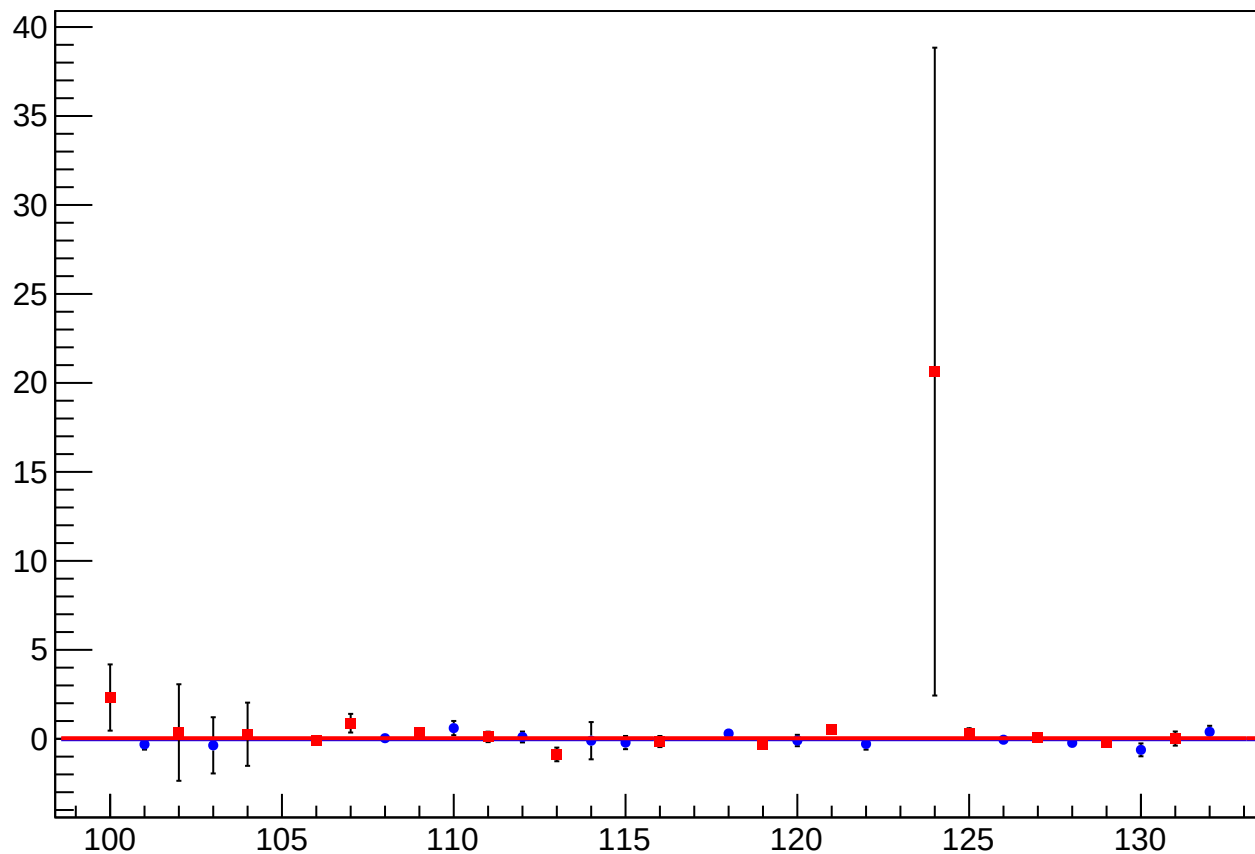
Right: 184.418+/-0.042 χ^2/NDF : 3393695.6/29

In: 189.882+/-0.060 χ^2/NDF : 1247380.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.418+/-0.042 χ^2/NDF : 3393695.6/29

asym_atl1r2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022 ± 0.085 χ^2/NDF : 11.3/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.034 ± 0.083 χ^2/NDF : 20.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

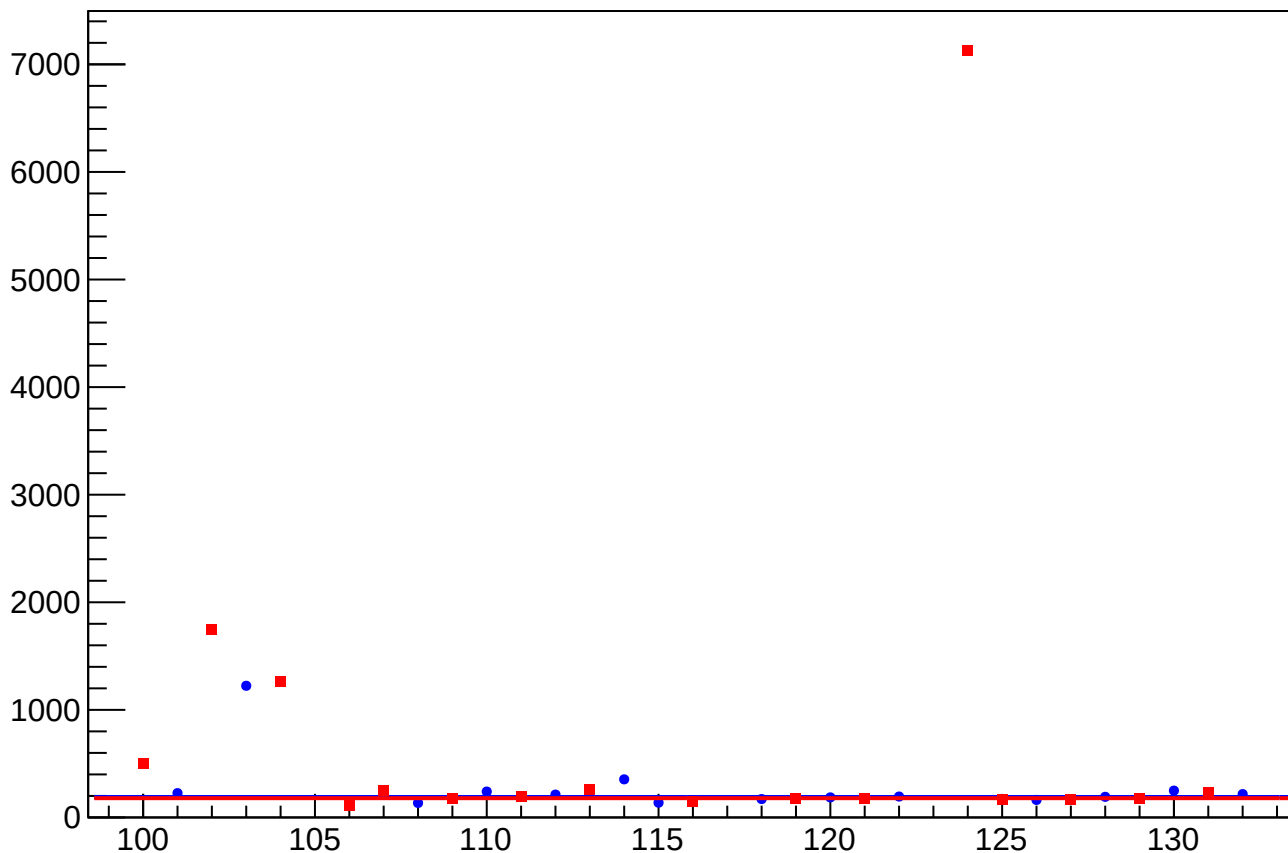
Right: 0.006 ± 0.059 χ^2/NDF : 31.7/29

In: -0.022 ± 0.085 χ^2/NDF : 11.3/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.006 ± 0.059 χ^2/NDF : 31.7/29

asym_atl1r2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 189.882+/-0.060 χ^2/NDF : 1247380.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 179.141+/-0.059 χ^2/NDF : 2129953.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

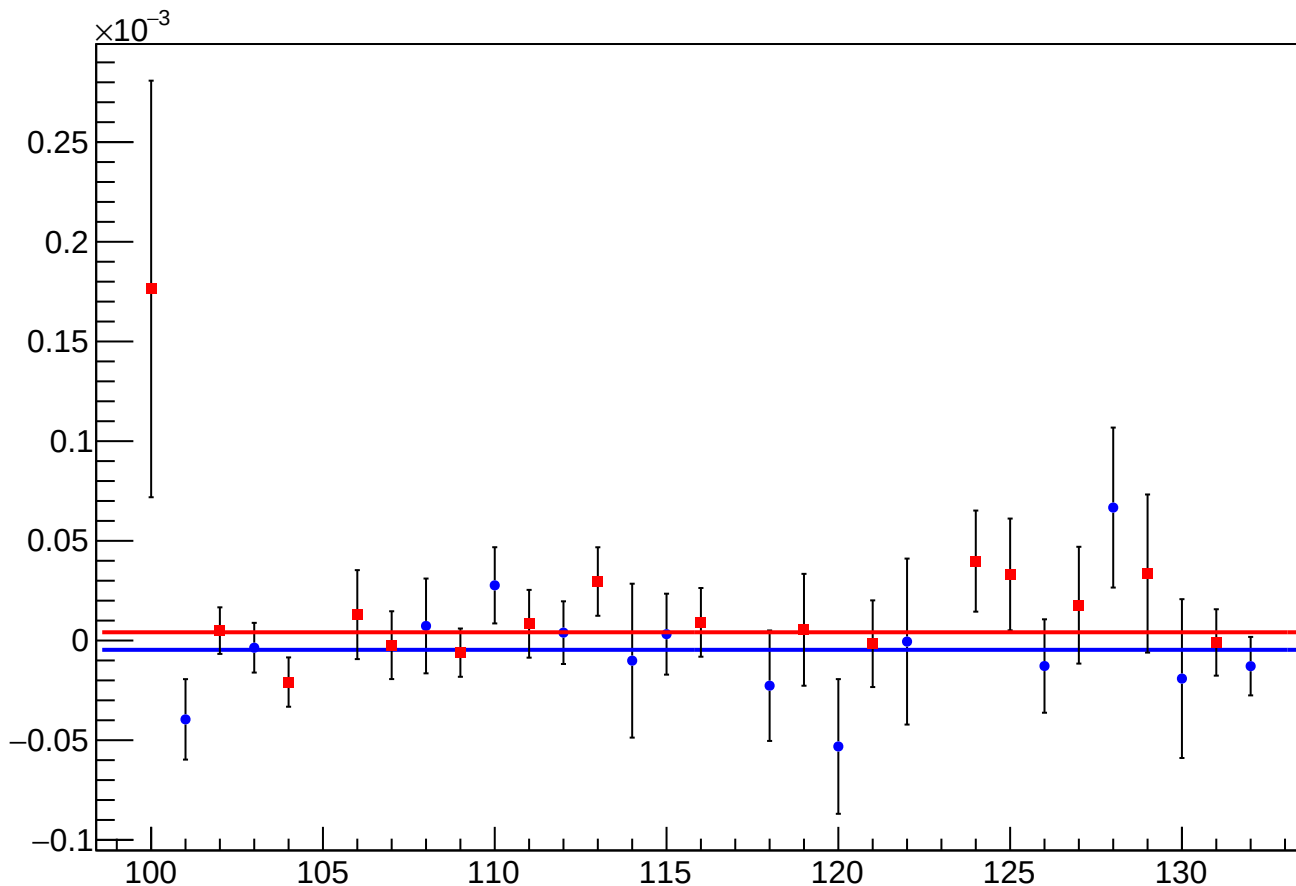
Right: 184.418+/-0.042 χ^2/NDF : 3393695.6/29

In: 189.882+/-0.060 χ^2/NDF : 1247380.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.418+/-0.042 χ^2/NDF : 3393695.6/29

asym_atl1r2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

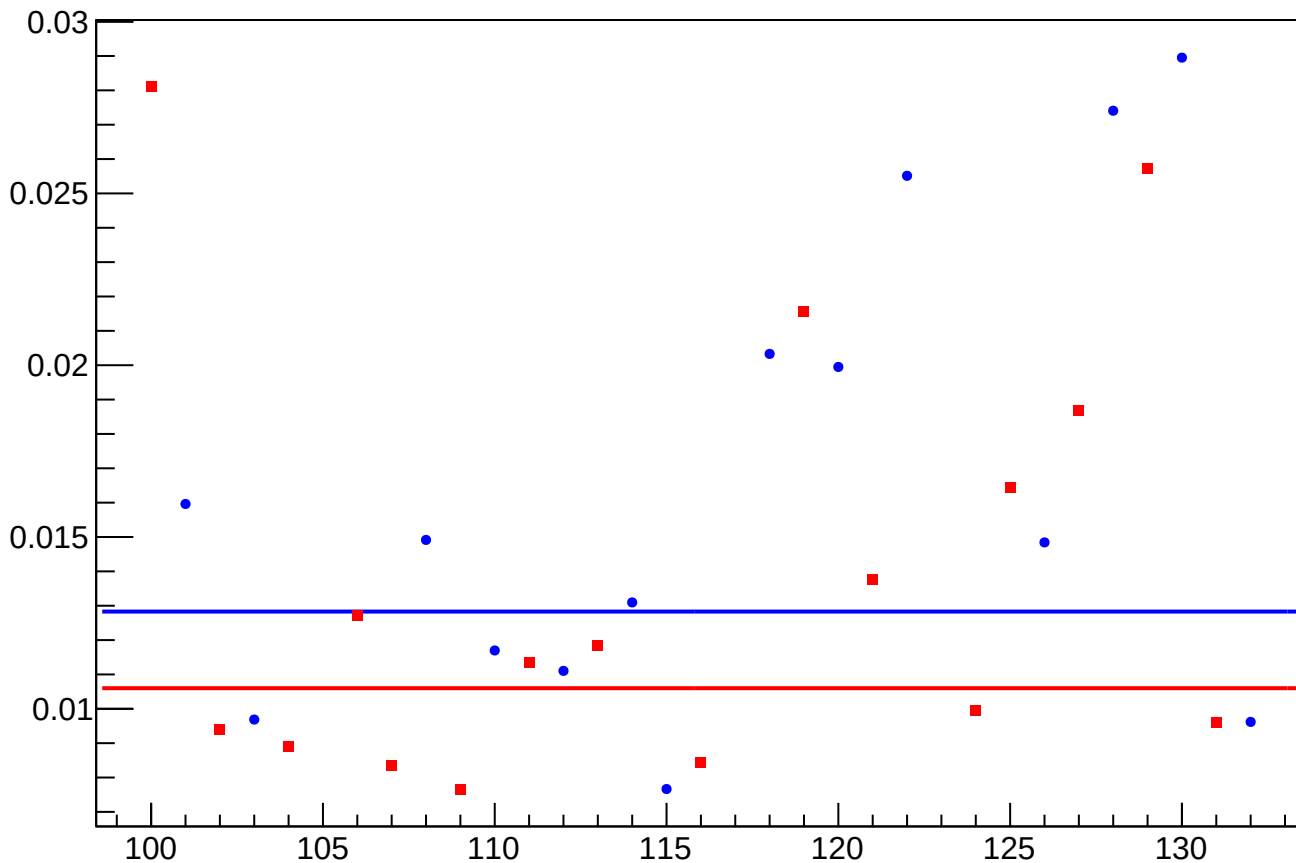
Right: 0.000+/-0.000 χ^2/NDF : 28.4/29

In: -0.000+/-0.000 χ^2/NDF : 12.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.4/29

asym_atl1r2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 1474568.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 1219660.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

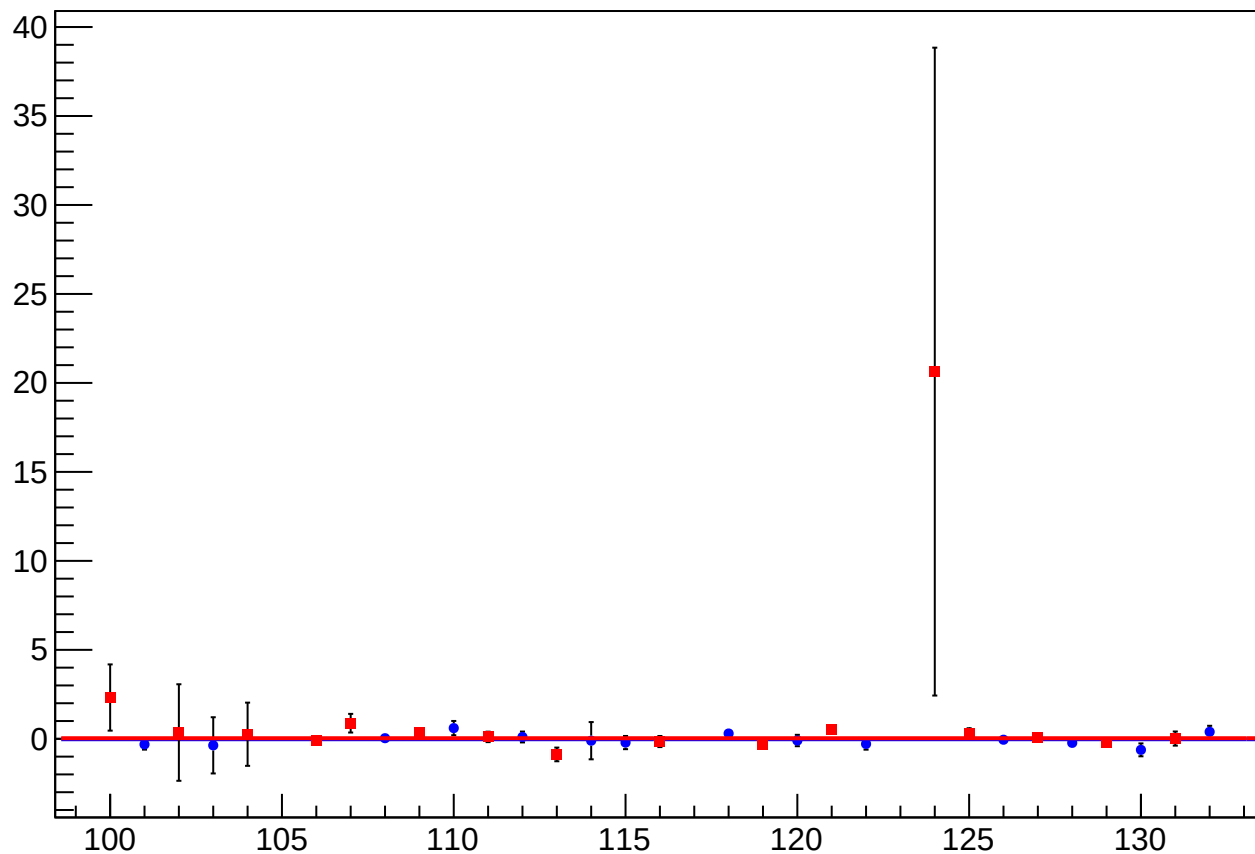
Right: 0.011+/-0.000 χ^2/NDF : 2881810.4/29

In: 0.013+/-0.000 χ^2/NDF :1474568.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 2881810.4/29

asym_atl1r2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022 ± 0.085 χ^2/NDF : 11.3/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.034 ± 0.083 χ^2/NDF : 20.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

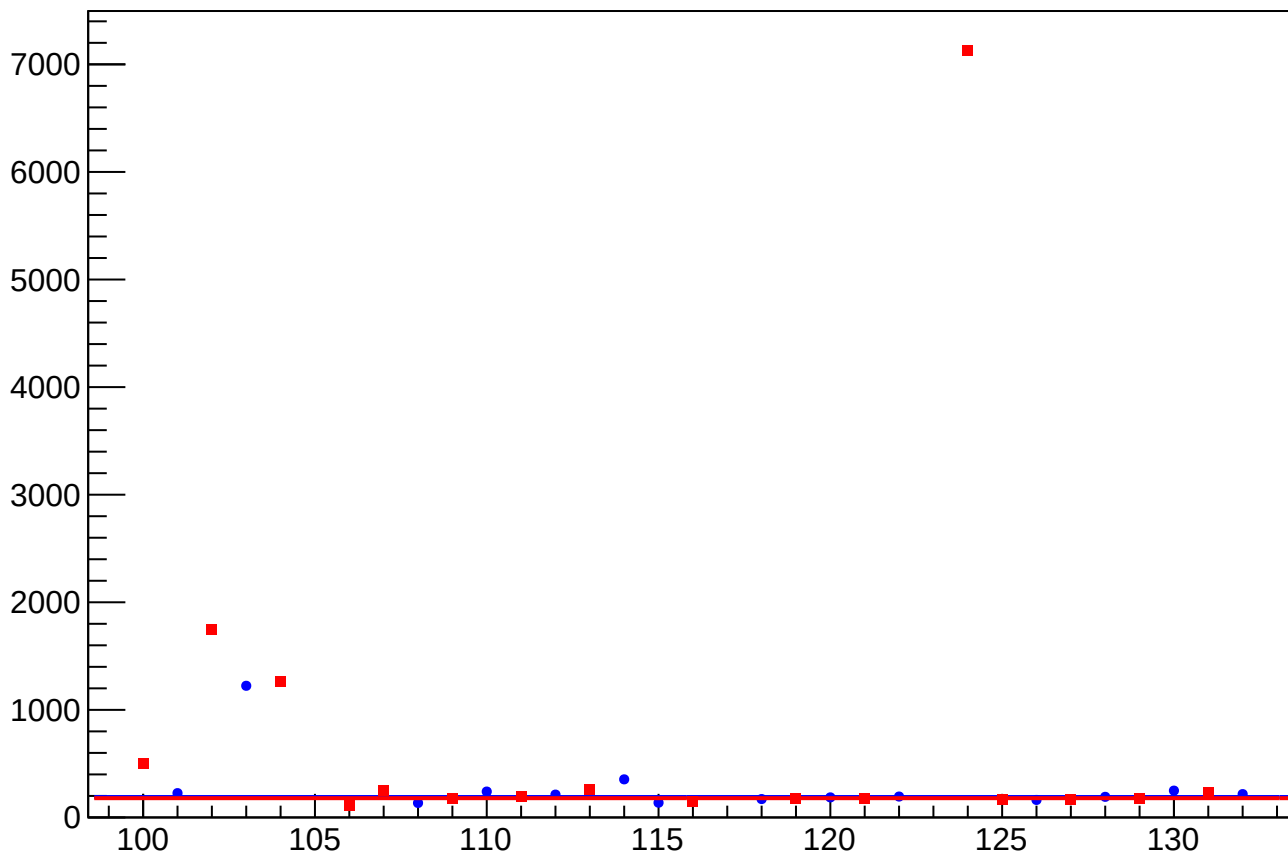
Right: 0.006 ± 0.059 χ^2/NDF : 31.7/29

In: -0.022 ± 0.085 χ^2/NDF : 11.3/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.006 ± 0.059 χ^2/NDF : 31.7/29

asym_atl1r2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 189.880+/-0.060 χ^2/NDF : 1247365.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 179.138+/-0.059 χ^2/NDF : 2129978.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

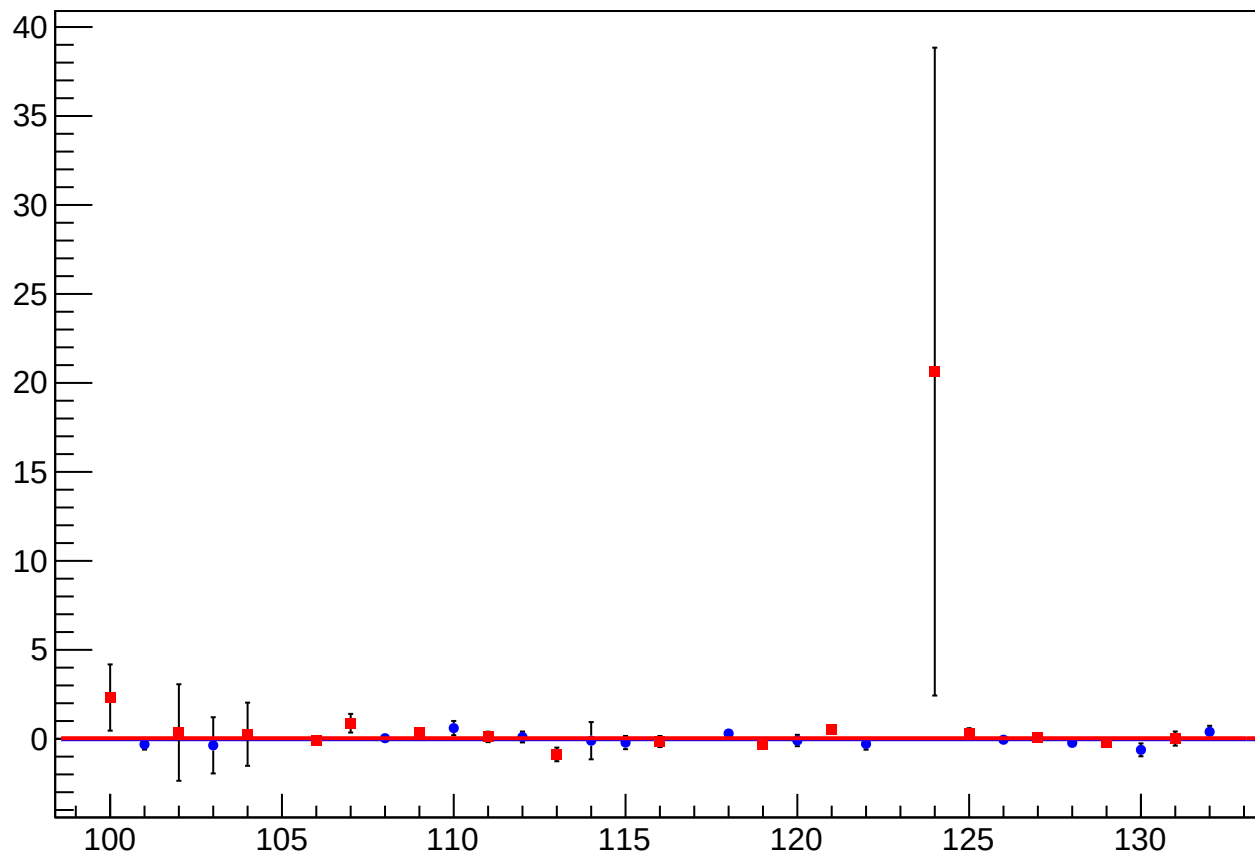
Right: 184.416+/-0.042 χ^2/NDF : 3393706.6/29

In: 189.880+/-0.060 χ^2/NDF : 1247365.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.416+/-0.042 χ^2/NDF : 3393706.6/29

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022 ± 0.085 χ^2/NDF : 11.3/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.034 ± 0.083 χ^2/NDF : 20.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

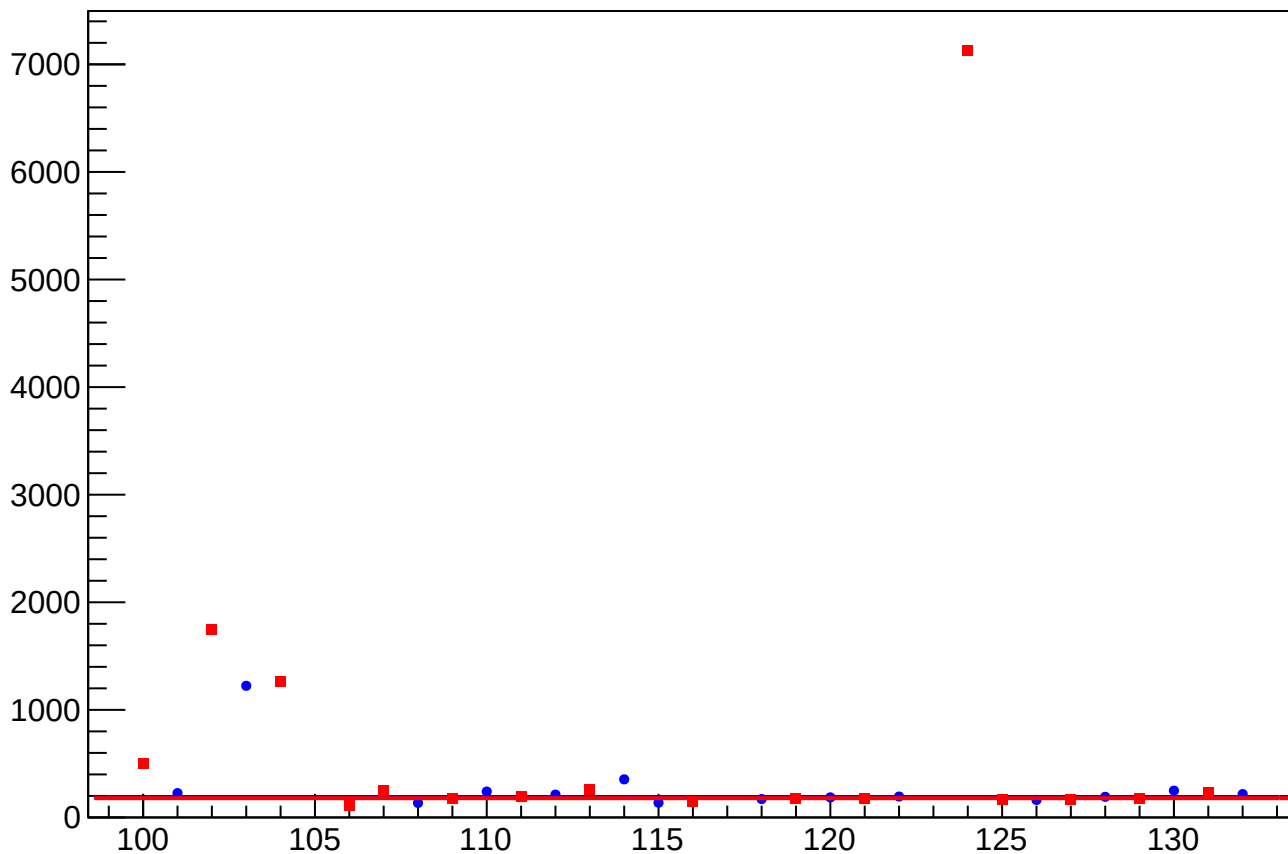
Right: 0.006 ± 0.059 χ^2/NDF : 31.7/29

In: -0.022 ± 0.085 χ^2/NDF : 11.3/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.006 ± 0.059 χ^2/NDF : 31.7/29

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 189.880+/-0.060 χ^2/NDF : 1247365.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 179.138+/-0.059 χ^2/NDF : 2129978.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

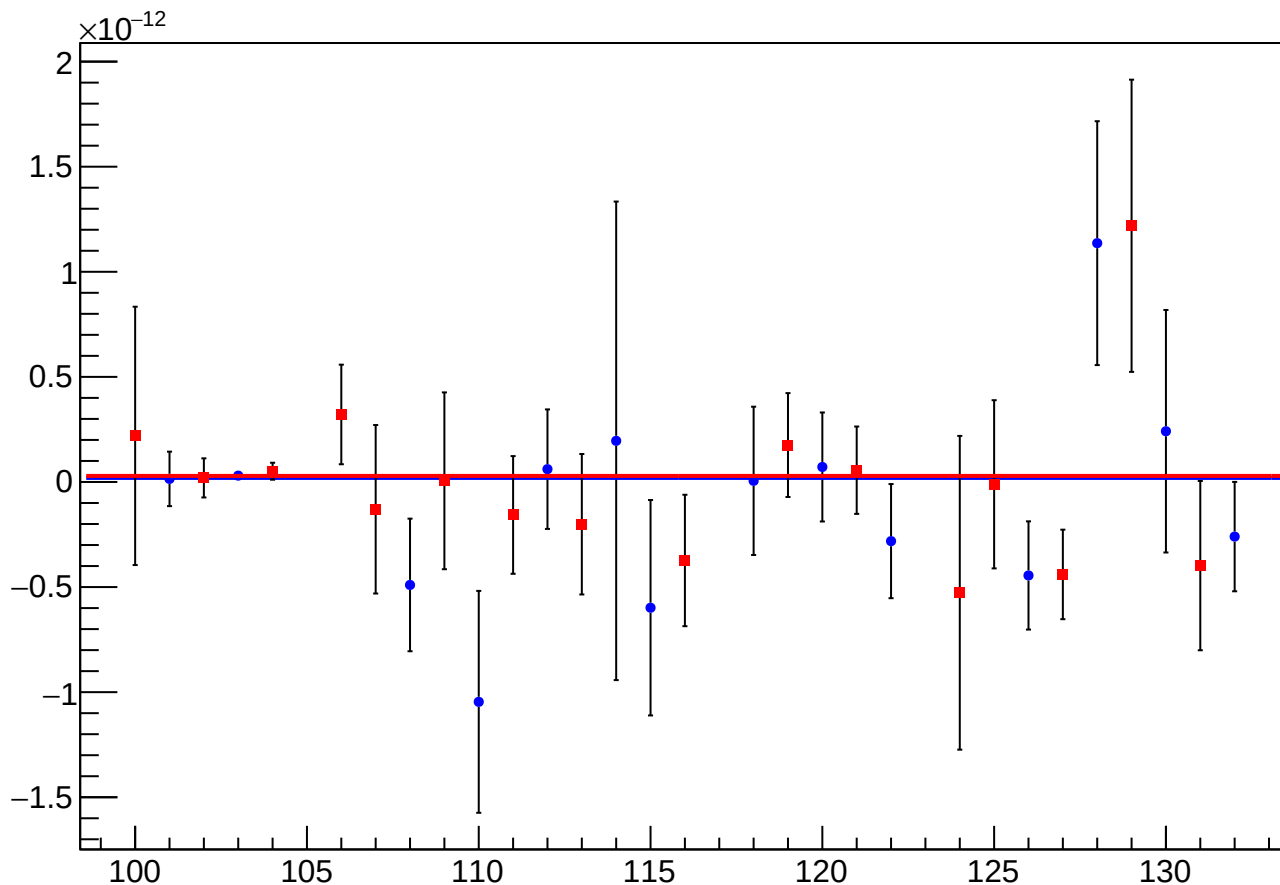
Right: 184.416+/-0.042 χ^2/NDF : 3393706.6/29

In: 189.880+/-0.060 χ^2/NDF : 1247365.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.416+/-0.042 χ^2/NDF : 3393706.6/29

asym_atl1r2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 17.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

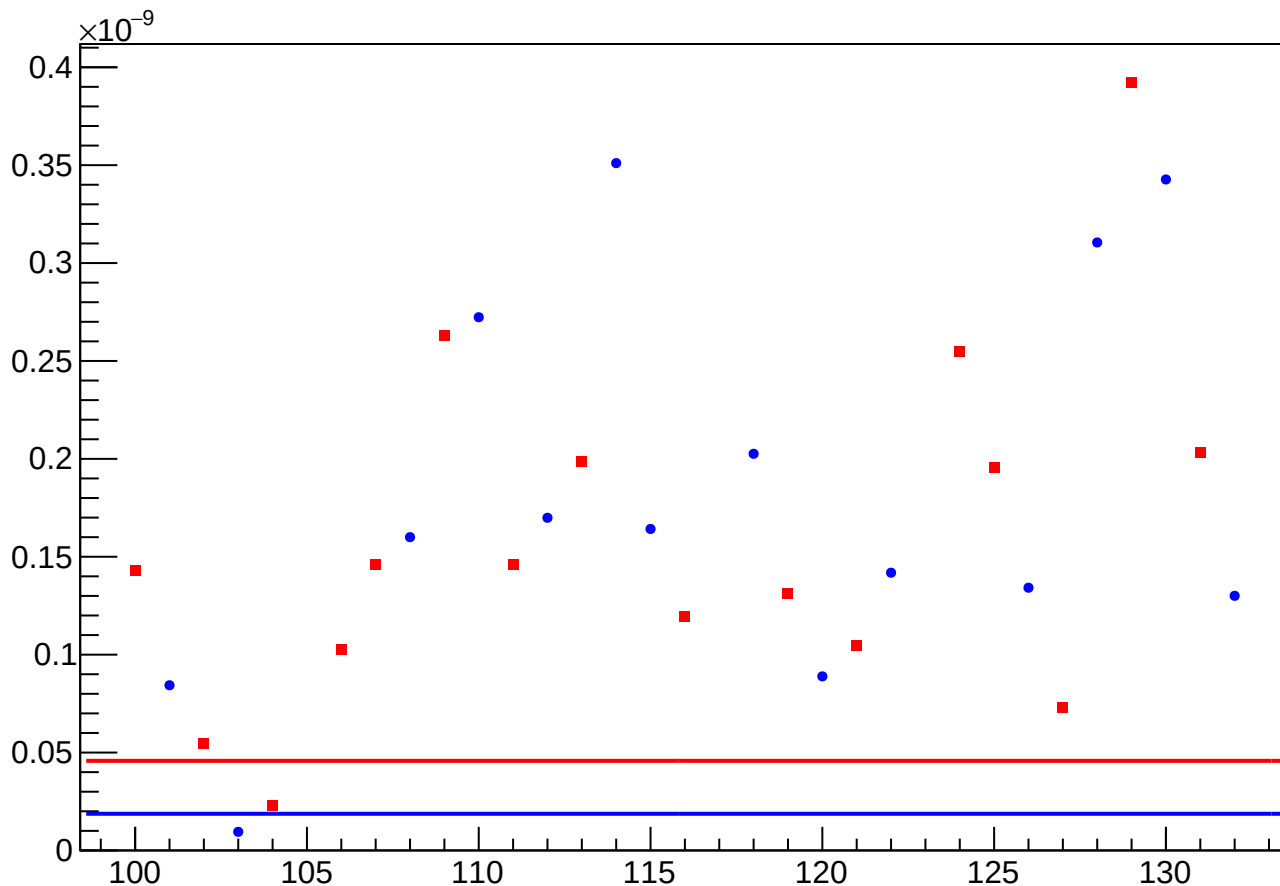
Right: 0.000+/-0.000 χ^2/NDF : 32.5/29

In: 0.000+/-0.000 χ^2/NDF : 17.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 32.5/29

asym_atl1r2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5616415.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3928274.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

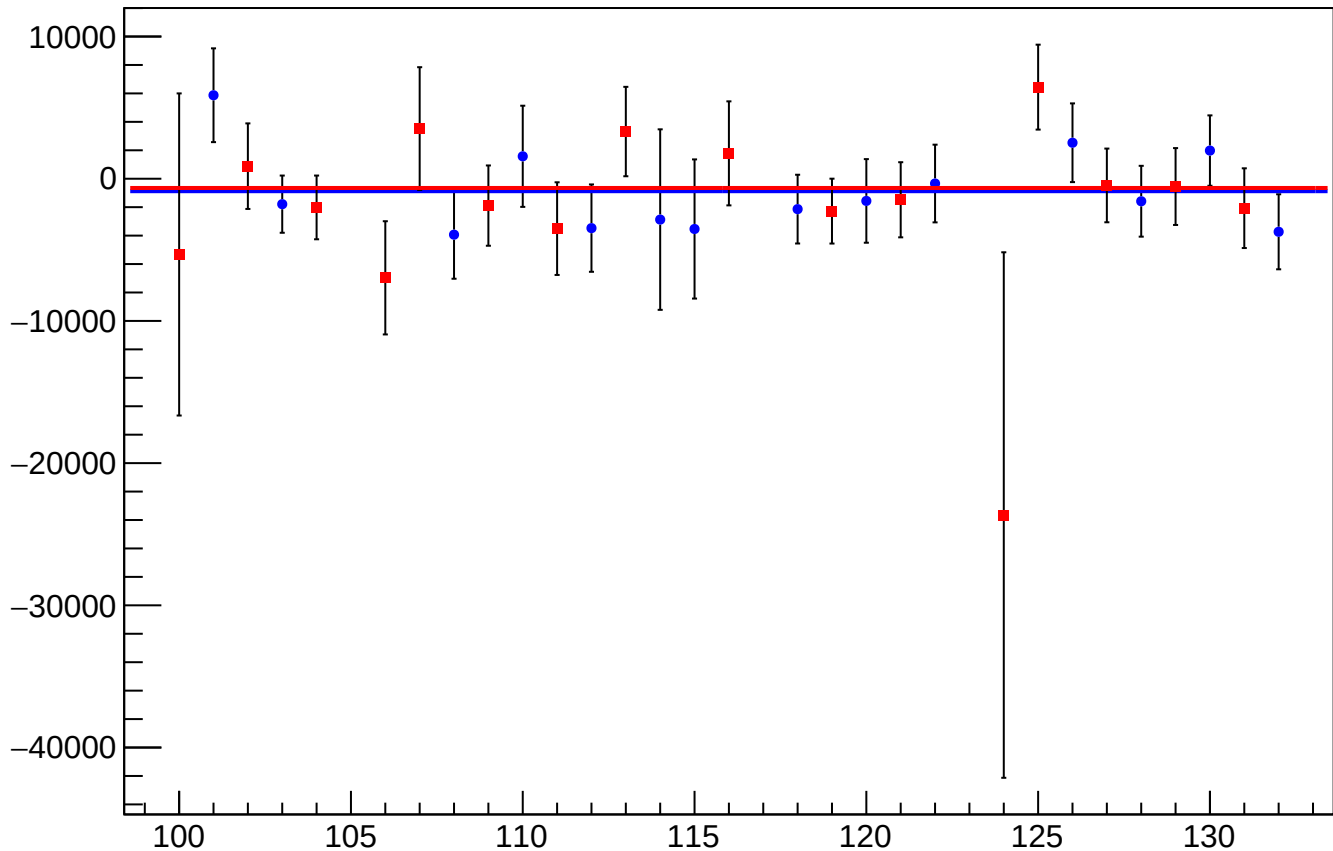
Right: 0.000+/-0.000 χ^2/NDF : 10452297.8/29

In: 0.000+/-0.000 χ^2/NDF : 5616415.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10452297.8/29

reg_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -877.008 $\pm$ 763.775 χ^2 /NDF: 11.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -649.634 $\pm$ 768.443 χ^2 /NDF: 15.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

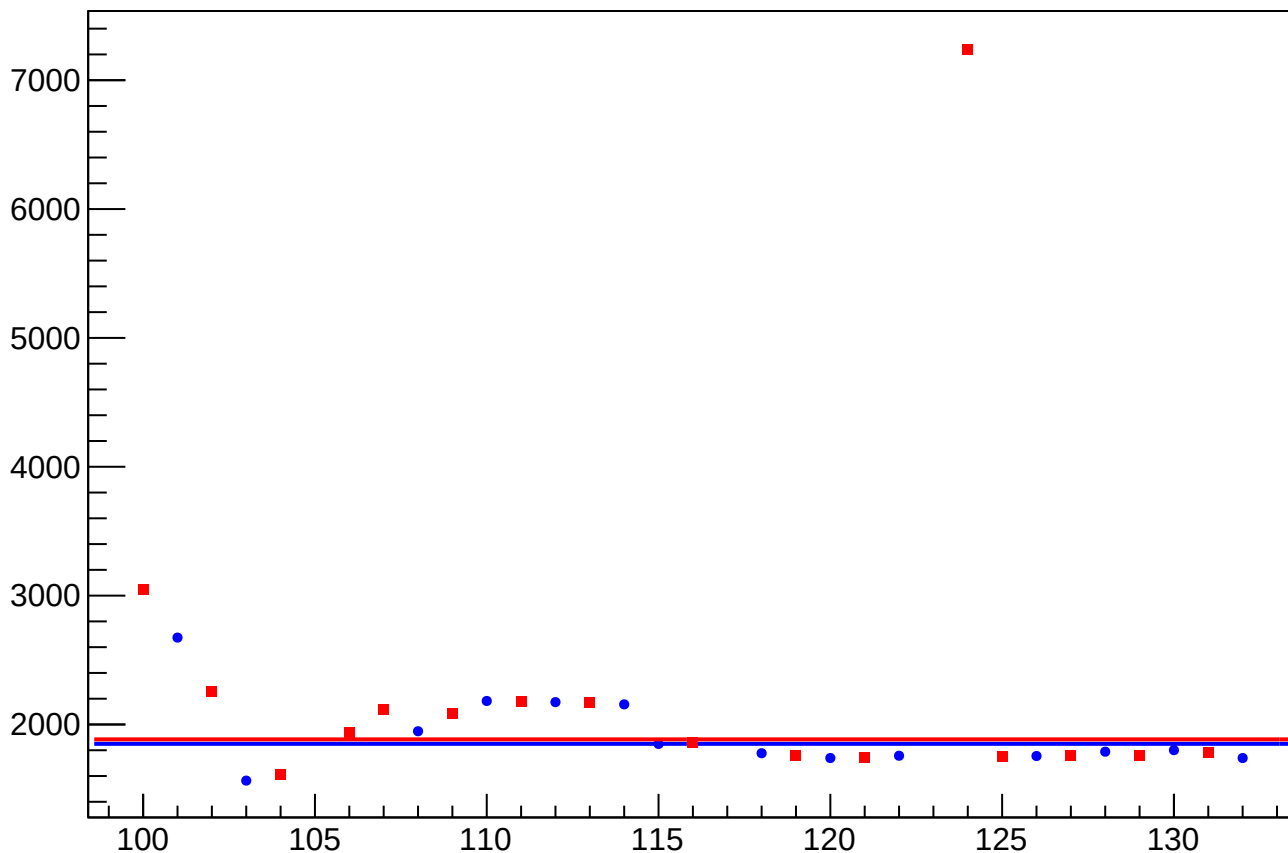
Right: -764.013 $\pm$ 541.713 χ^2 /NDF: 26.8/29

In: -877.008 $\pm$ 763.775 χ^2 /NDF: 11.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -764.013 $\pm$ 541.713 χ^2 /NDF: 26.8/29

reg_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1849.854+/-0.540 χ^2/NDF : 226292.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1884.440+/-0.542 χ^2/NDF : 326607.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

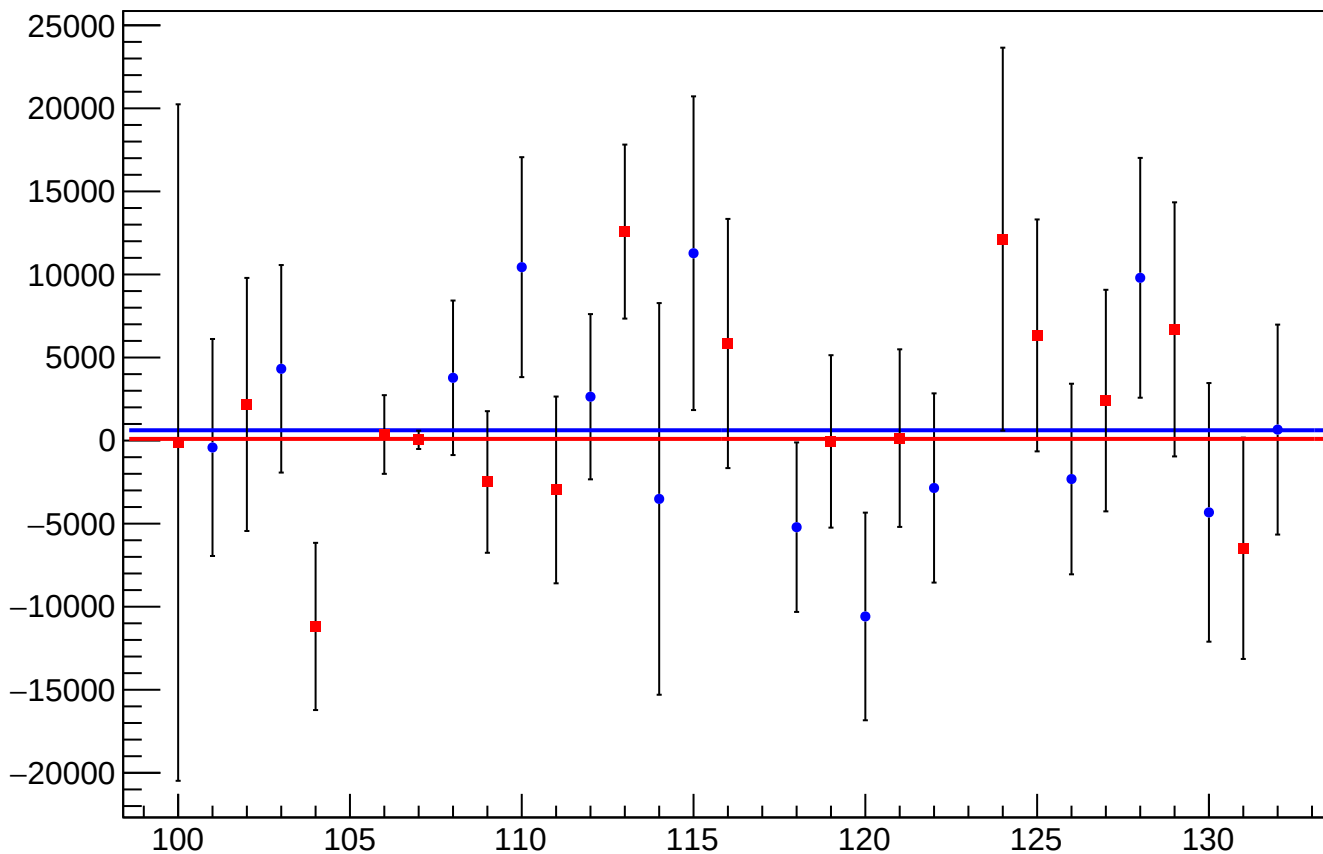
Right: 1867.089+/-0.383 χ^2/NDF : 554944.2/29

In: 1849.854+/-0.540 χ^2/NDF : 226292.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1867.089+/-0.383 χ^2/NDF : 554944.2/29

asym_atl1r2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 621.951 $\pm$ 1659.936 χ^2 /NDF: 11.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 100.683 $\pm$ 510.207 χ^2 /NDF: 15.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

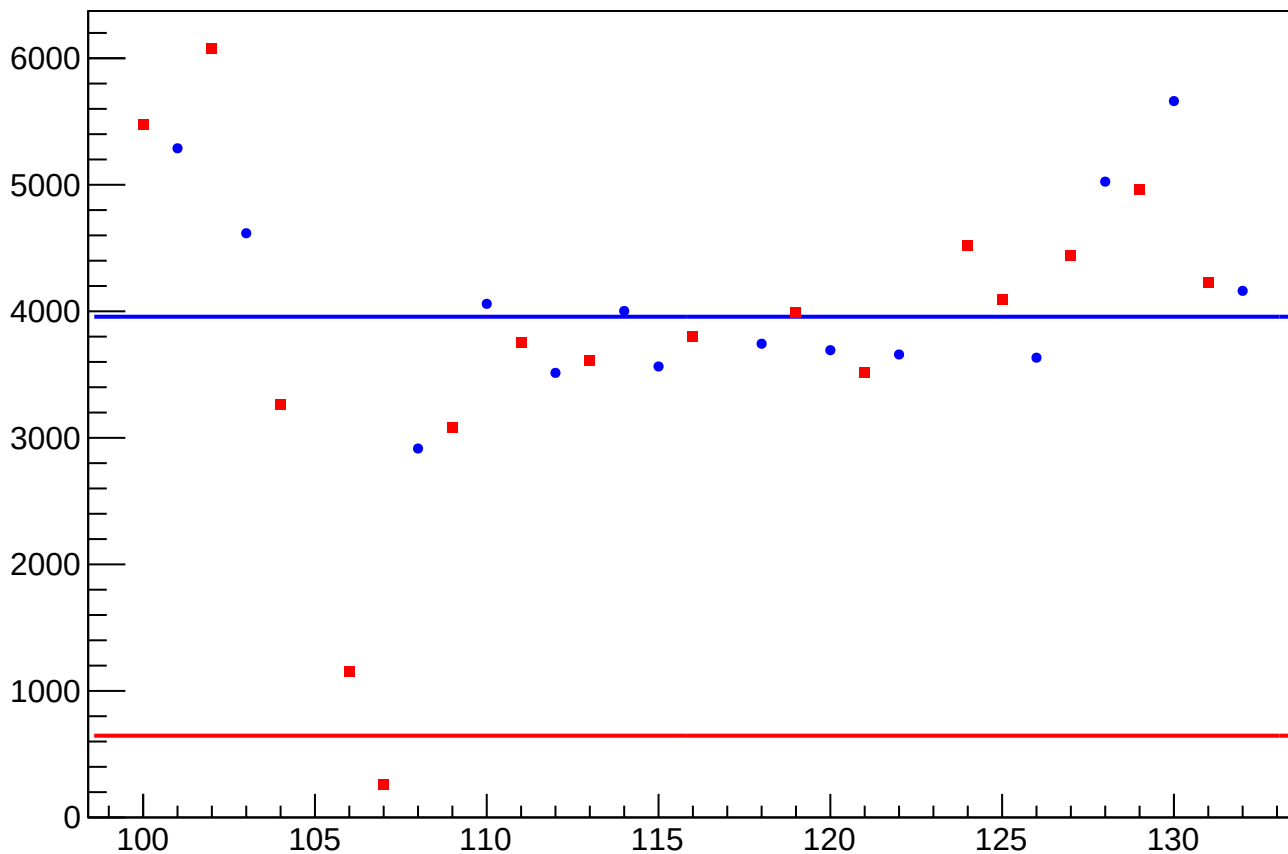
Right: 145.678 $\pm$ 487.690 χ^2 /NDF: 27.7/29

In: 621.951 $\pm$ 1659.936 χ^2 /NDF:11.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 145.678 $\pm$ 487.690 χ^2 /NDF: 27.7/29

asym_atl1r2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3957.268+/-1.174 χ^2/NDF : 386236.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 646.151+/-0.361 χ^2/NDF : 8968478.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

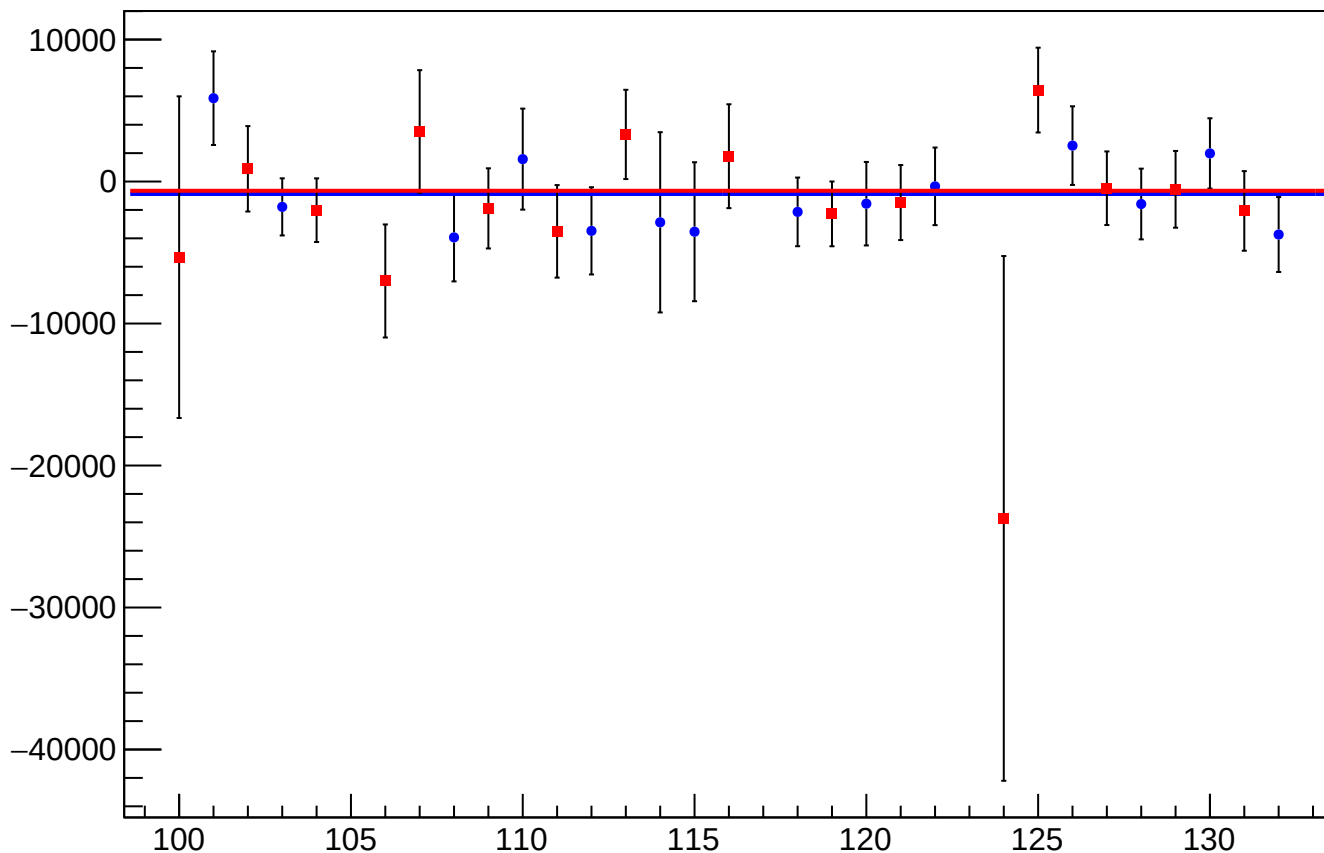
Right: 931.962+/-0.345 χ^2/NDF : 16625666.5/29

In: 3957.268+/-1.174 χ^2/NDF : 386236.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 931.962+/-0.345 χ^2/NDF : 16625666.5/29

cor_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -876.465+/-763.775 χ^2 /NDF: 11.4/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -650.197+/-768.445 χ^2 /NDF: 15.4/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

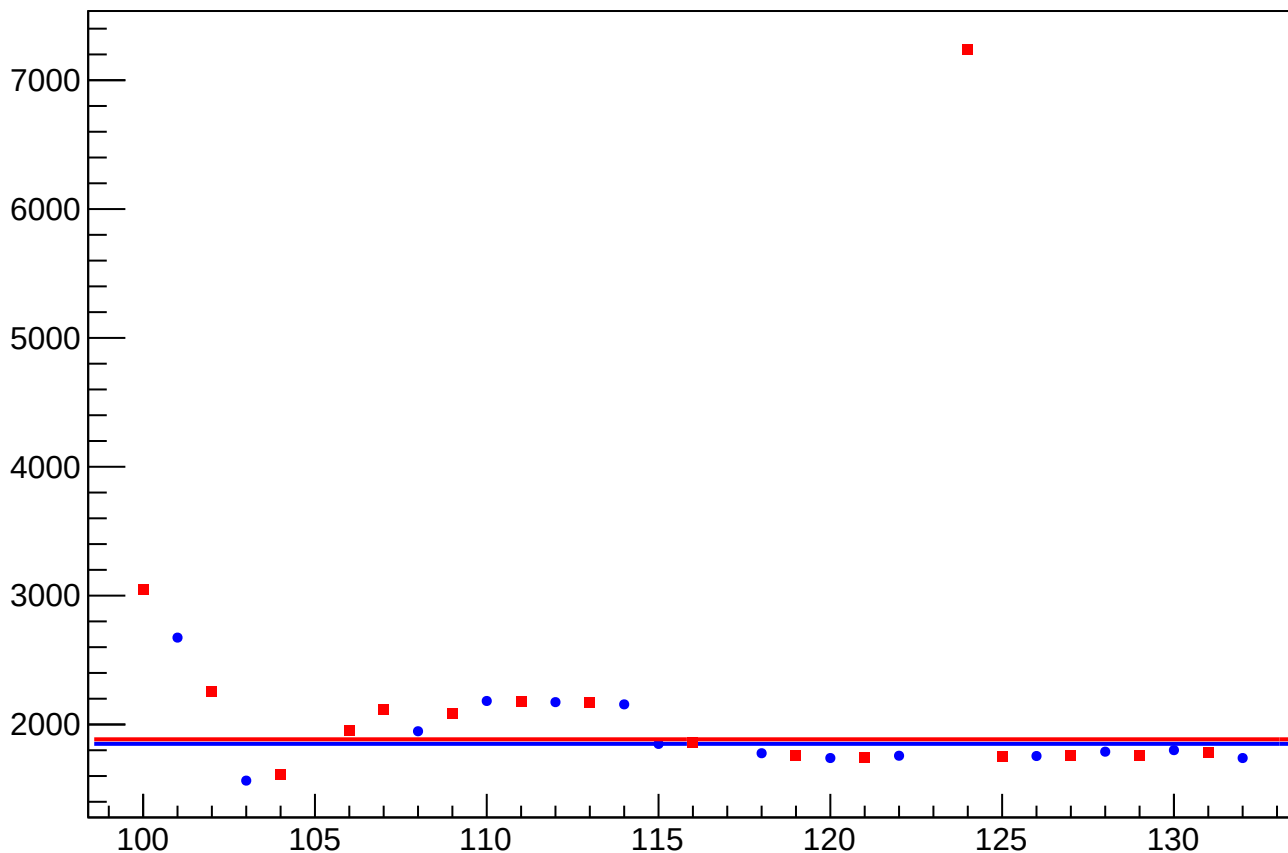
Right: -764.021+/-541.714 χ^2 /NDF: 26.8/29

In: -876.465+/-763.775 χ^2 /NDF:11.4/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -764.021+/-541.714 χ^2 /NDF: 26.8/29

cor_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1849.855+/-0.540 χ^2/NDF : 226292.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1884.980+/-0.542 χ^2/NDF : 326845.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

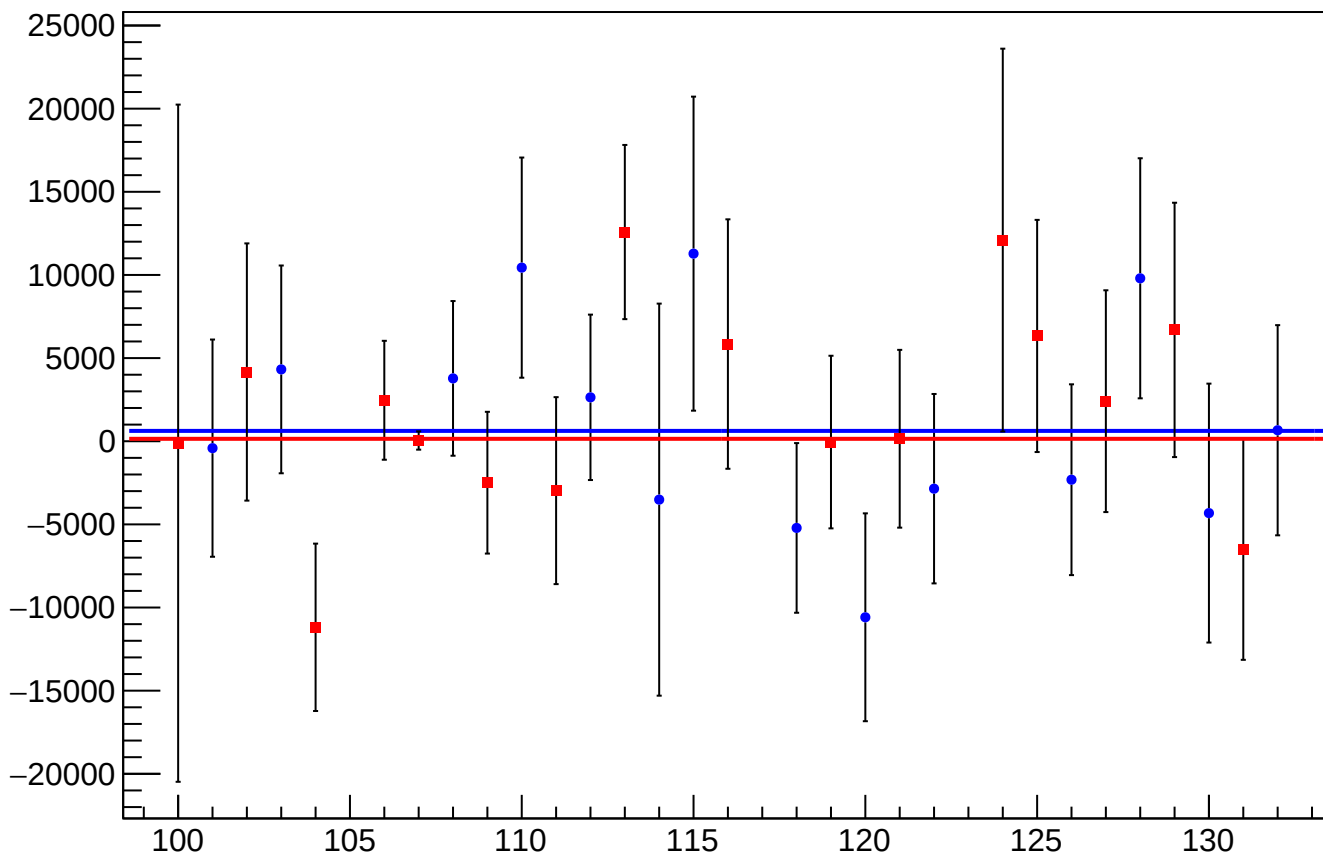
Right: 1867.354+/-0.383 χ^2/NDF : 555245.3/29

In: 1849.855+/-0.540 χ^2/NDF : 226292.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1867.354+/-0.383 χ^2/NDF : 555245.3/29

asym_atl1r2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 621.925 $\pm$ 1659.945 χ^2 /NDF: 11.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 145.443 $\pm$ 516.983 χ^2 /NDF: 16.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

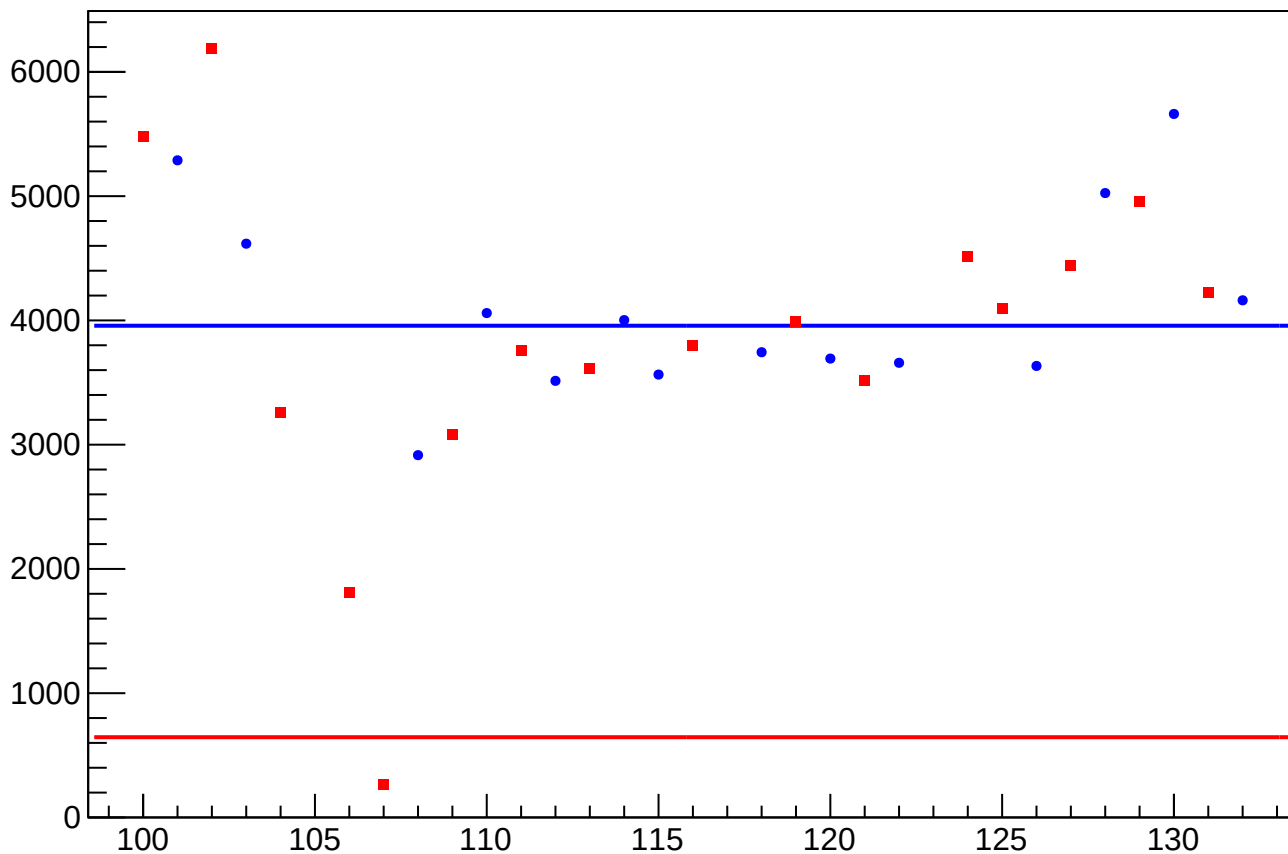
Right: 187.574 $\pm$ 493.598 χ^2 /NDF: 28.3/29

In: 621.925 $\pm$ 1659.945 χ^2 /NDF:11.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 187.574 $\pm$ 493.598 χ^2 /NDF: 28.3/29

asym_atl1r2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3957.281+/-1.174 χ^2/NDF : 386258.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 645.851+/-0.366 χ^2/NDF : 9097469.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

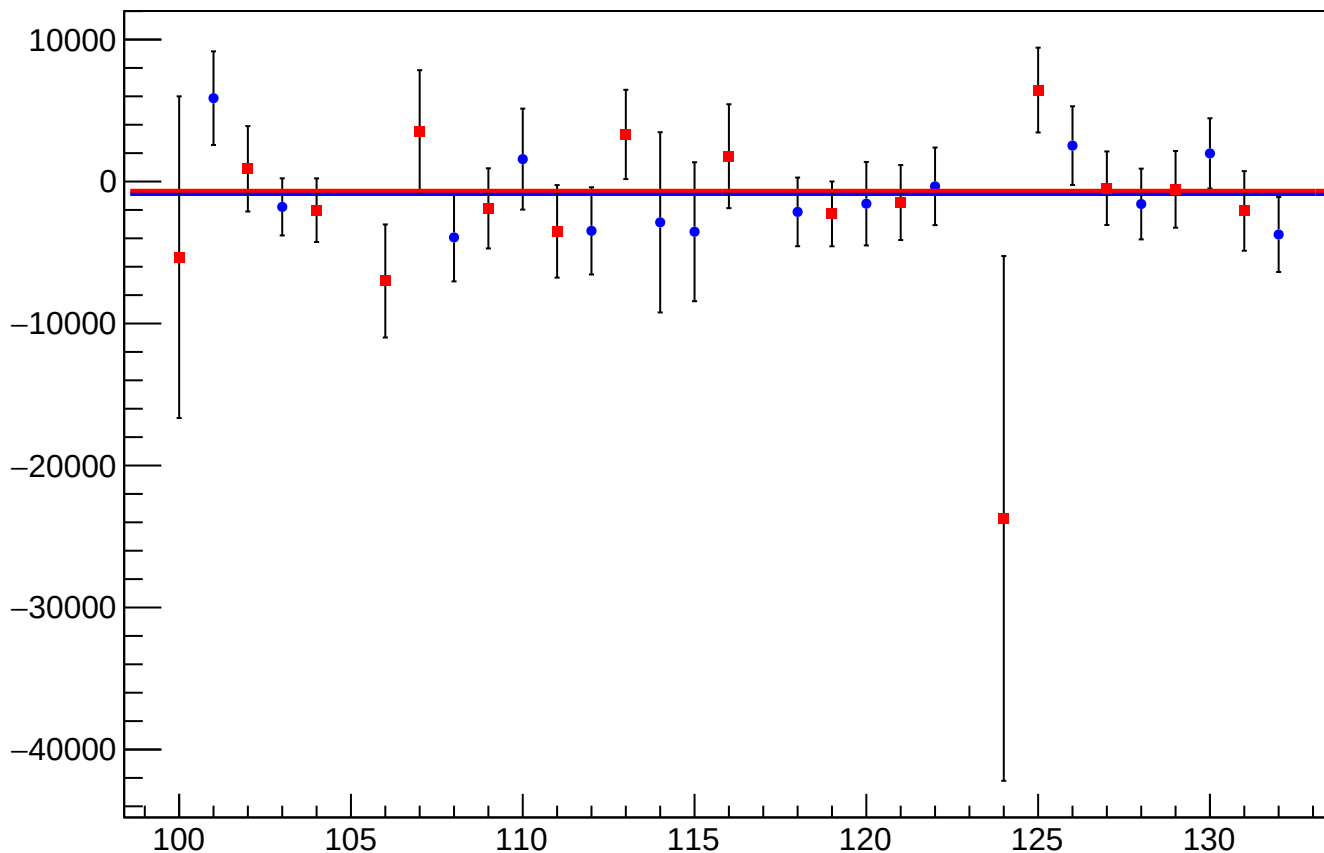
Right: 938.654+/-0.349 χ^2/NDF : 16739237.2/29

In: 3957.281+/-1.174 χ^2/NDF : 386258.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 938.654+/-0.349 χ^2/NDF : 16739237.2/29

eigen_cor_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -876.465+/-763.775 χ^2 /NDF: 11.4/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -650.197+/-768.445 χ^2 /NDF: 15.4/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

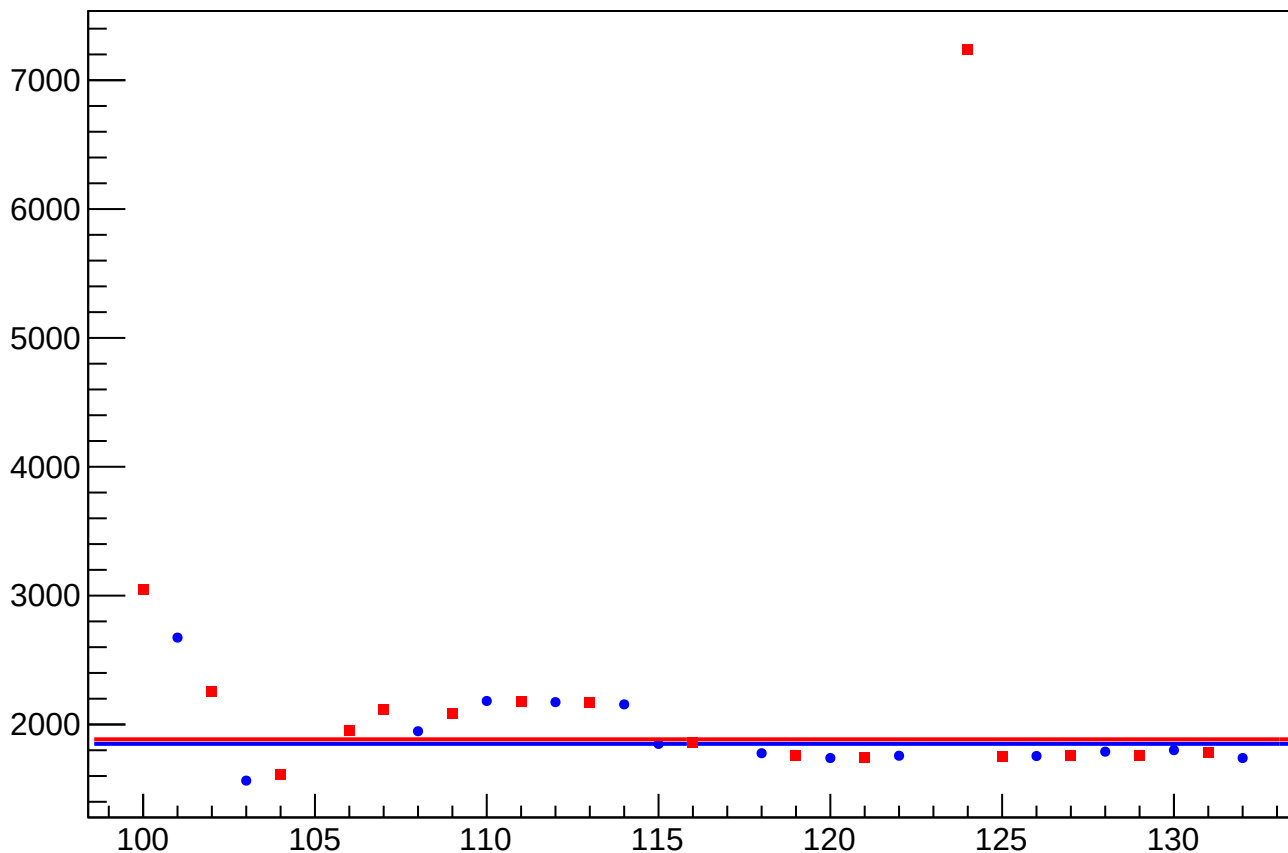
Right: -764.021+/-541.714 χ^2 /NDF: 26.8/29

In: -876.465+/-763.775 χ^2 /NDF:11.4/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -764.021+/-541.714 χ^2 /NDF: 26.8/29

eigen_cor_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1849.855+/-0.540 χ^2/NDF : 226292.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1884.980+/-0.542 χ^2/NDF : 326845.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

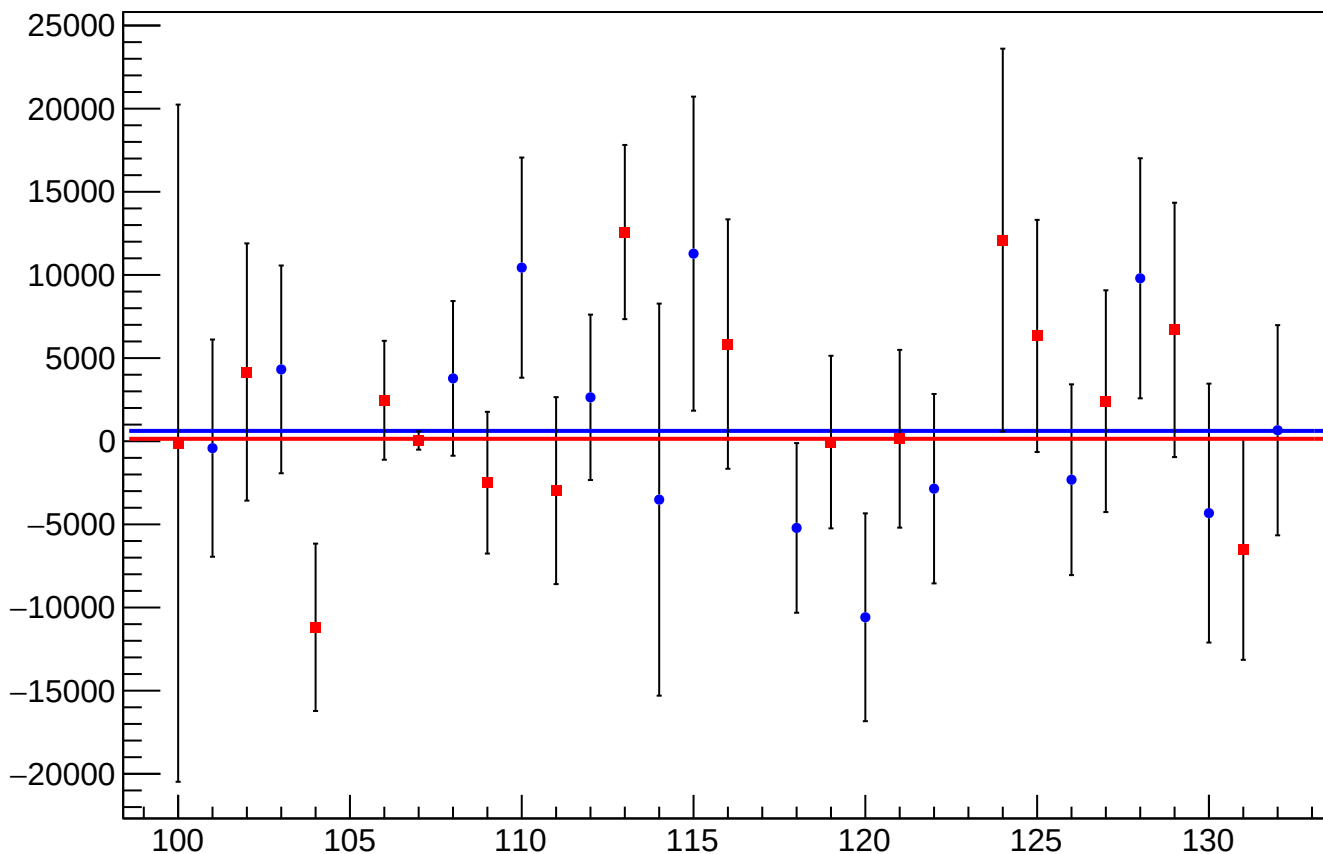
Right: 1867.354+/-0.383 χ^2/NDF : 555245.3/29

In: 1849.855+/-0.540 χ^2/NDF : 226292.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1867.354+/-0.383 χ^2/NDF : 555245.3/29

asym_atl1r2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 621.925+/-1659.945 χ^2/NDF : 11.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 145.443+/-516.983 χ^2/NDF : 16.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

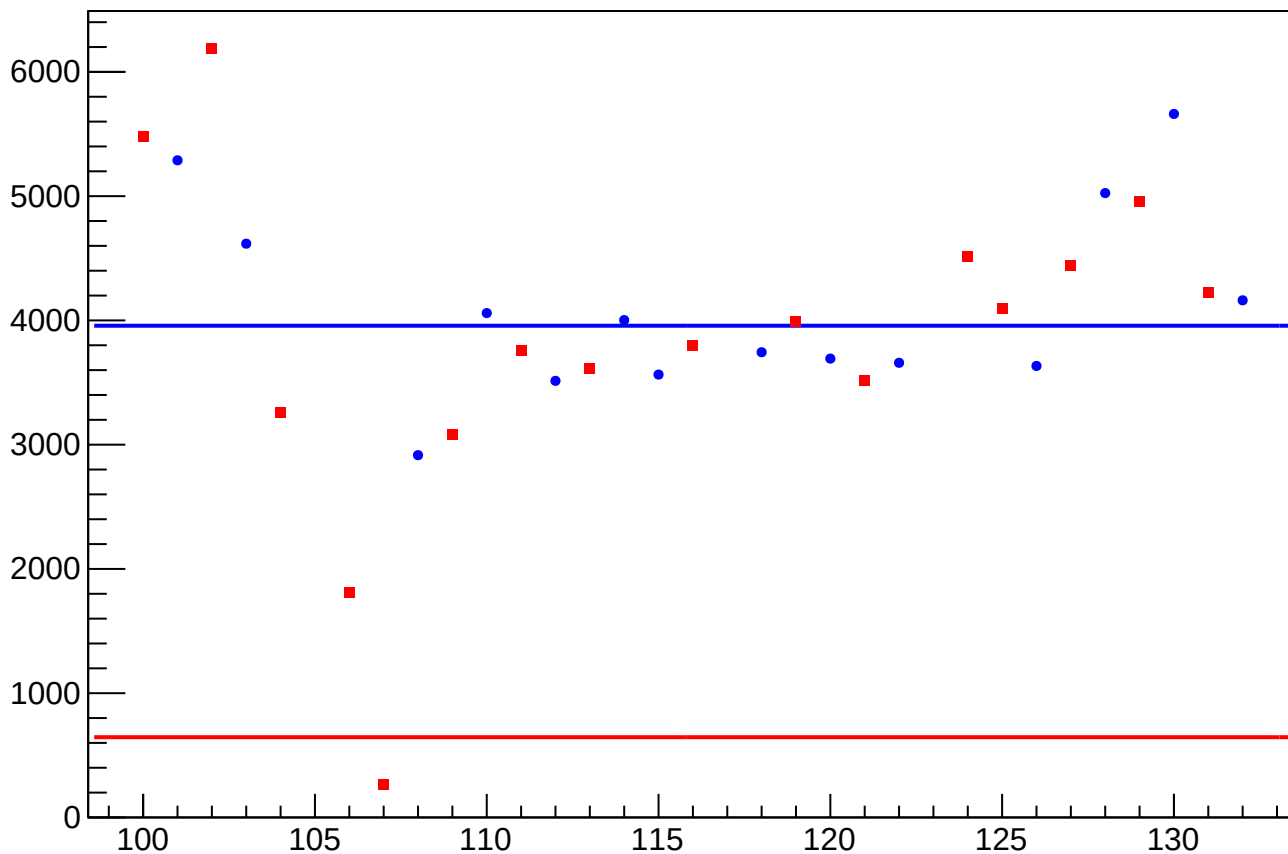
Right: 187.574+/-493.598 χ^2/NDF : 28.3/29

In: 621.925+/-1659.945 χ^2/NDF : 11.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 187.574+/-493.598 χ^2/NDF : 28.3/29

asym_atl1r2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3957.281+/-1.174 χ^2/NDF : 386258.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 645.851+/-0.366 χ^2/NDF : 9097469.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

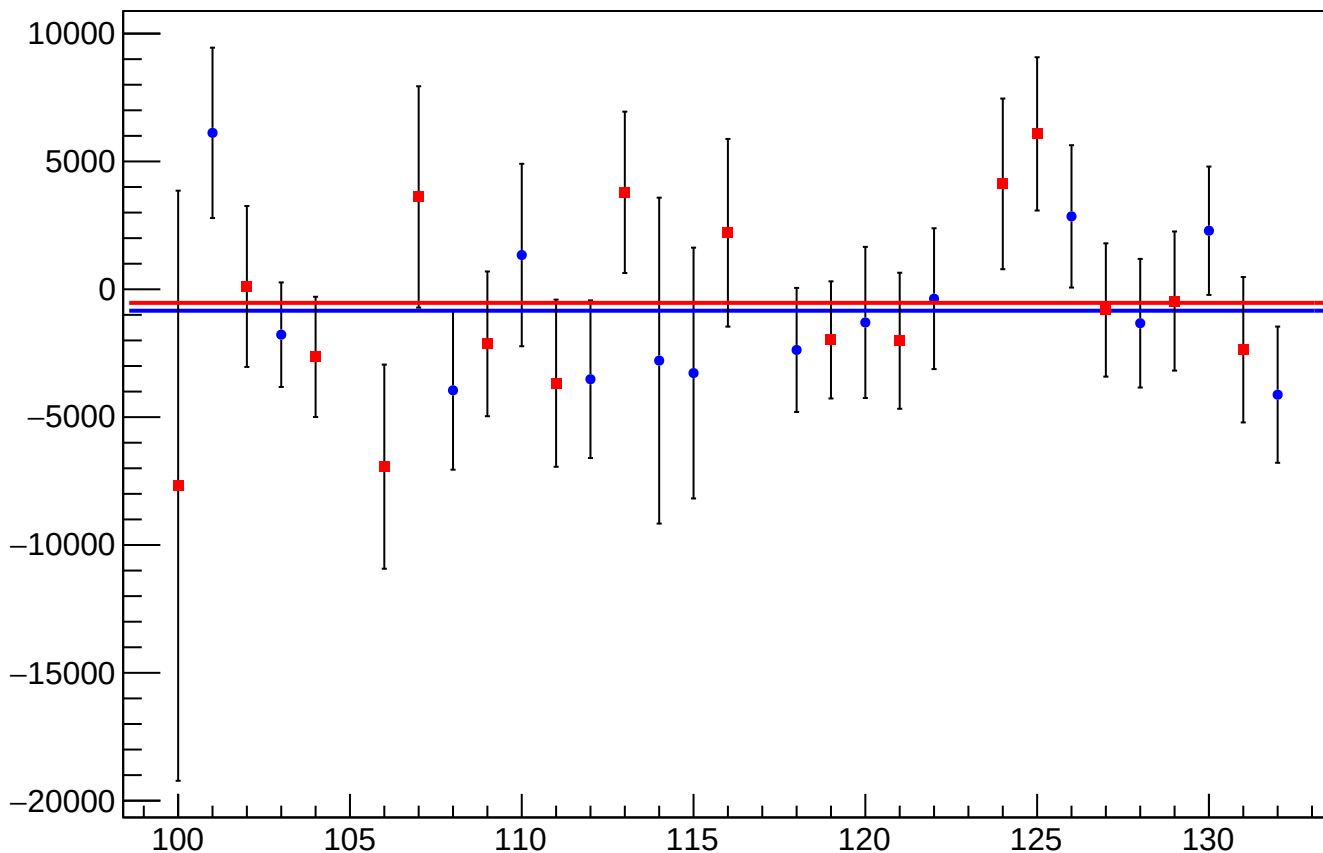
Right: 938.654+/-0.349 χ^2/NDF : 16739237.2/29

In: 3957.281+/-1.174 χ^2/NDF : 386258.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 938.654+/-0.349 χ^2/NDF : 16739237.2/29

dit_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -837.672 $\pm$ 770.096 χ^2 /NDF: 12.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -530.191 $\pm$ 758.606 χ^2 /NDF: 16.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

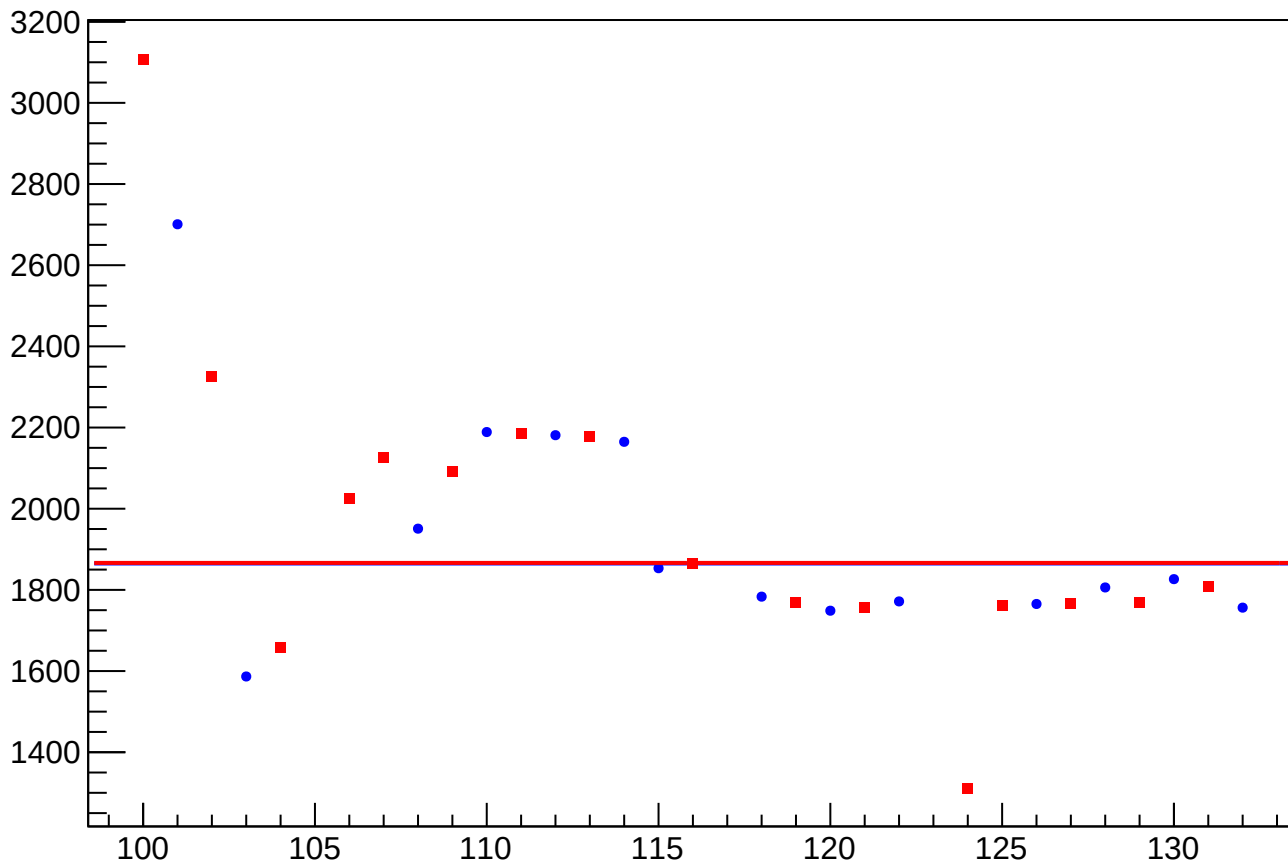
Right: -681.620 $\pm$ 540.432 χ^2 /NDF: 28.8/29

In: -837.672 $\pm$ 770.096 χ^2 /NDF:12.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -681.620 $\pm$ 540.432 χ^2 /NDF: 28.8/29

dit_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1865.071+/-0.545 χ^2/NDF : 221594.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1866.464+/-0.536 χ^2/NDF : 214811.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

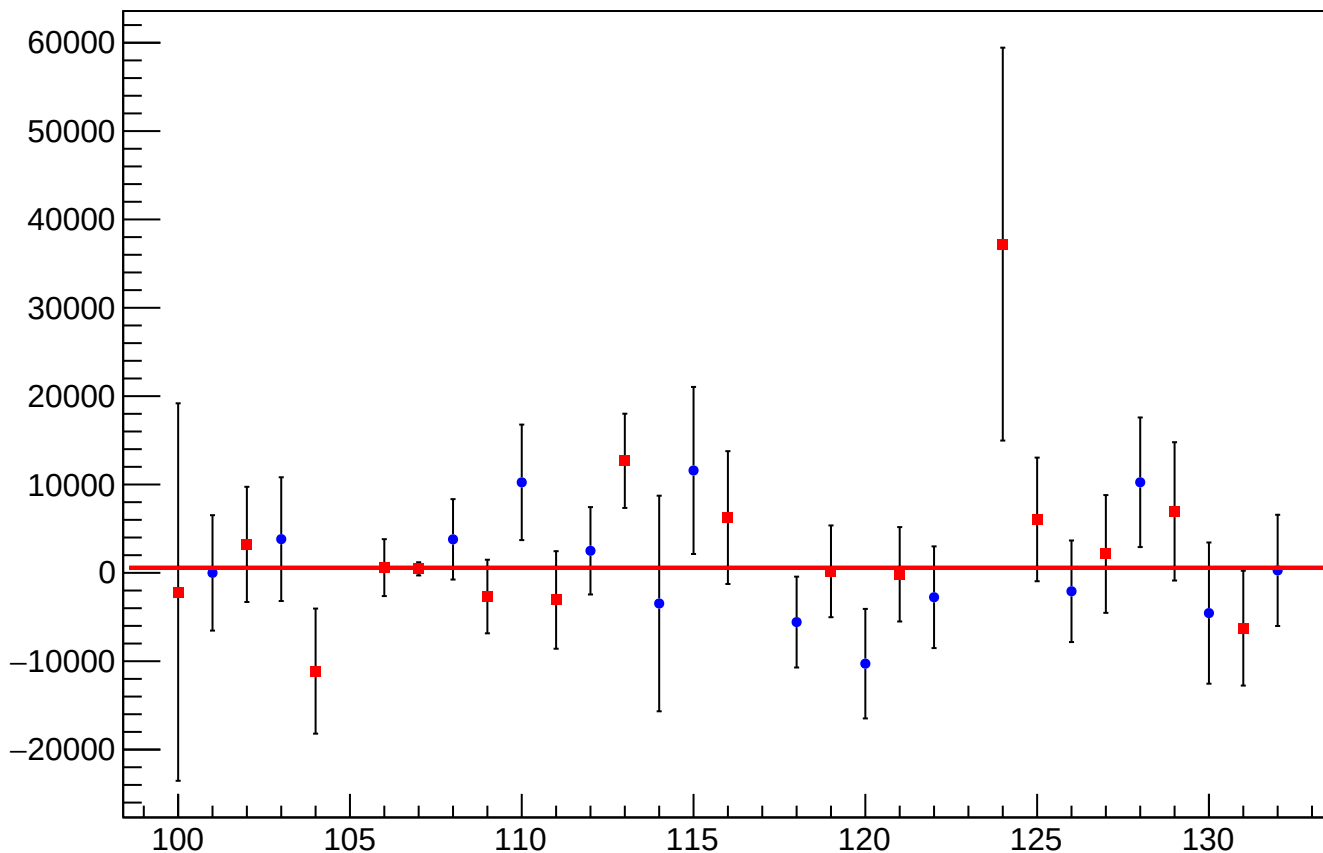
Right: 1865.778+/-0.382 χ^2/NDF : 436409.2/29

In: 1865.071+/-0.545 χ^2/NDF : 221594.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1865.778+/-0.382 χ^2/NDF : 436409.2/29

asym_atl1r2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 589.529+/-1670.867 χ^2/NDF : 11.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 552.174+/-668.032 χ^2/NDF : 14.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

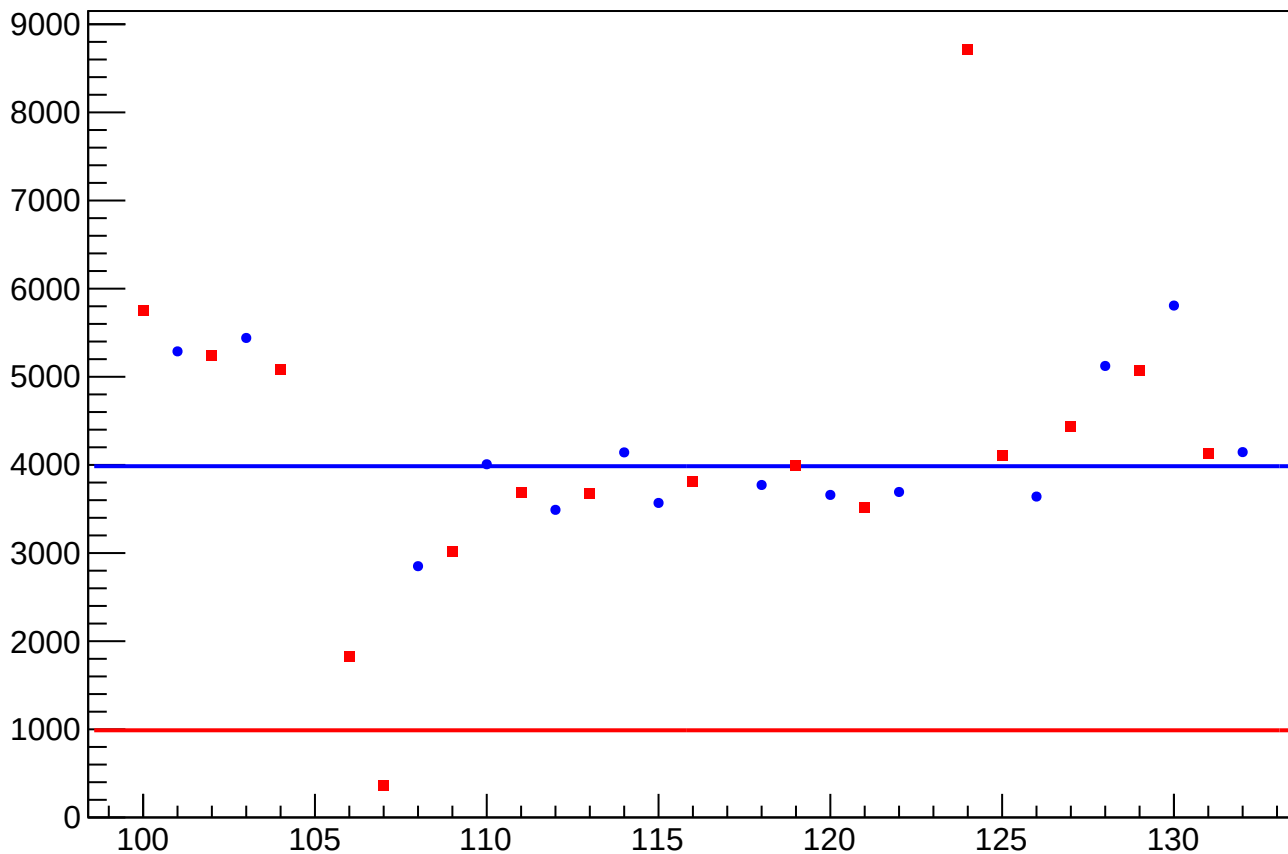
Right: 557.322+/-620.293 χ^2/NDF : 26.6/29

In: 589.529+/-1670.867 χ^2/NDF : 11.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 557.322+/-620.293 χ^2/NDF : 26.6/29

asym_atl1r2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3985.524+/-1.181 χ^2/NDF : 489352.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 988.970+/-0.472 χ^2/NDF : 8189503.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

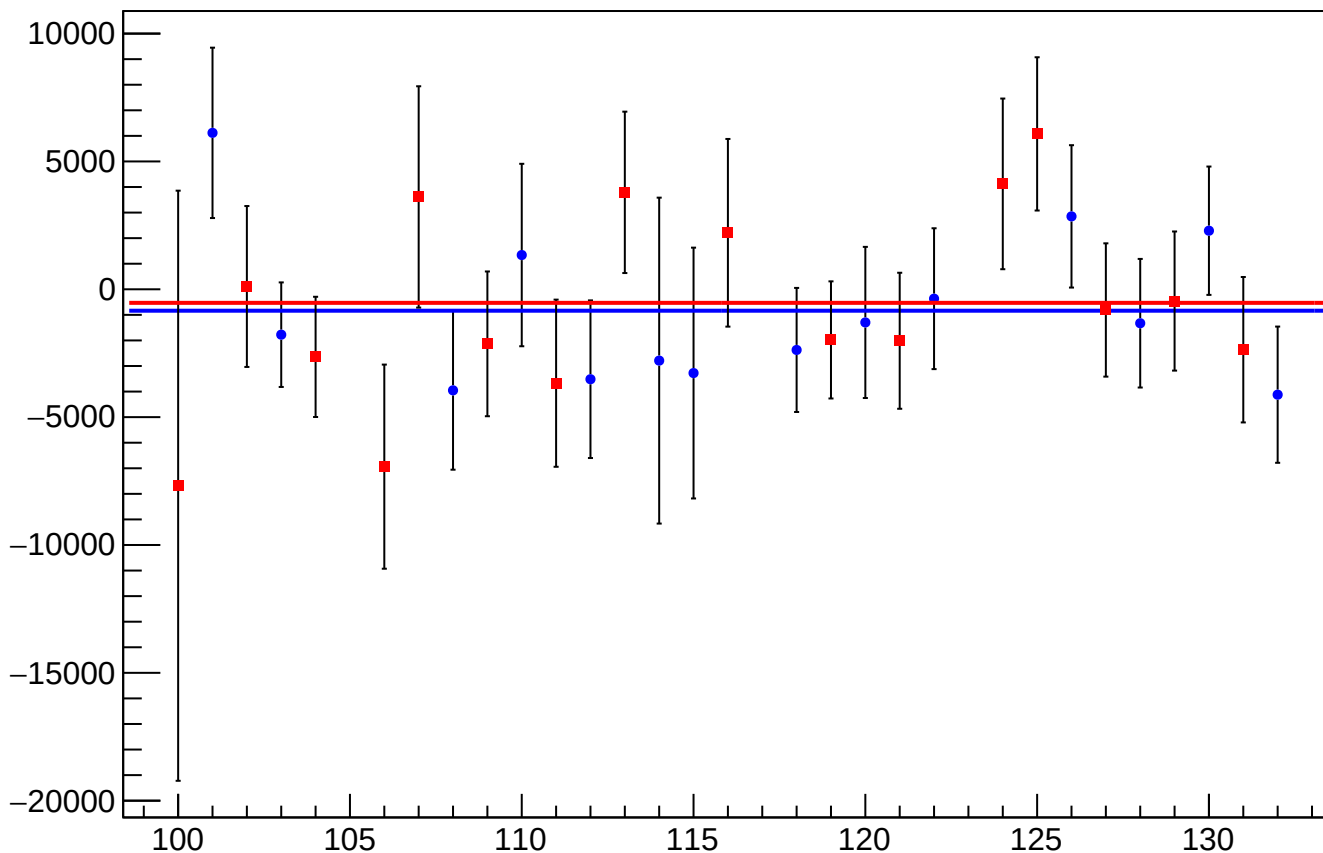
Right: 1401.953+/-0.439 χ^2/NDF : 14224969.0/29

In: 3985.524+/-1.181 χ^2/NDF : 489352.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1401.953+/-0.439 χ^2/NDF : 14224969.0/29

eigen_dit_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -837.670+/-770.096 χ^2/NDF : 12.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -530.197+/-758.606 χ^2/NDF : 16.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

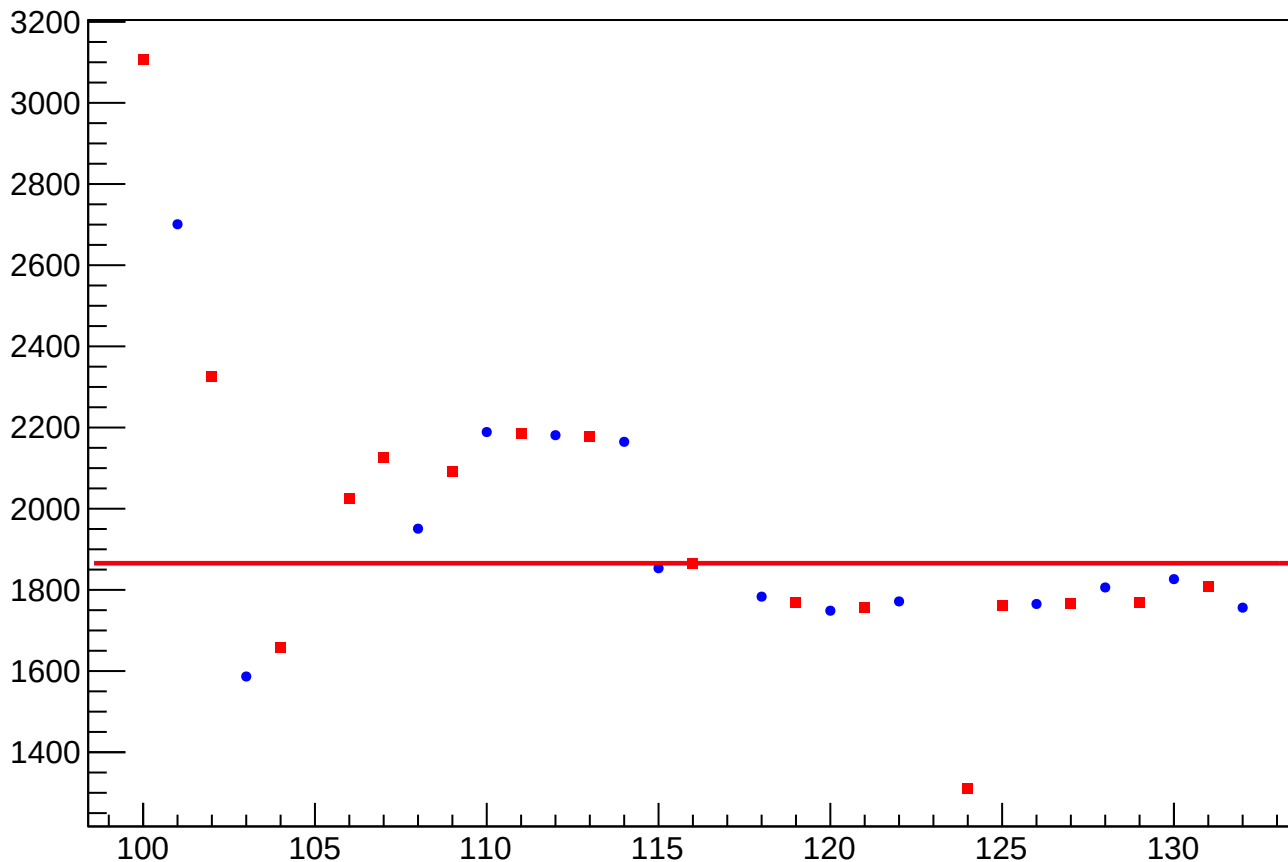
Right: -681.623+/-540.432 χ^2/NDF : 28.8/29

In: -837.670+/-770.096 χ^2/NDF :12.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -681.623+/-540.432 χ^2/NDF : 28.8/29

eigen_dit_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1865.071+/-0.545 χ^2/NDF : 221594.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1866.464+/-0.536 χ^2/NDF : 214812.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

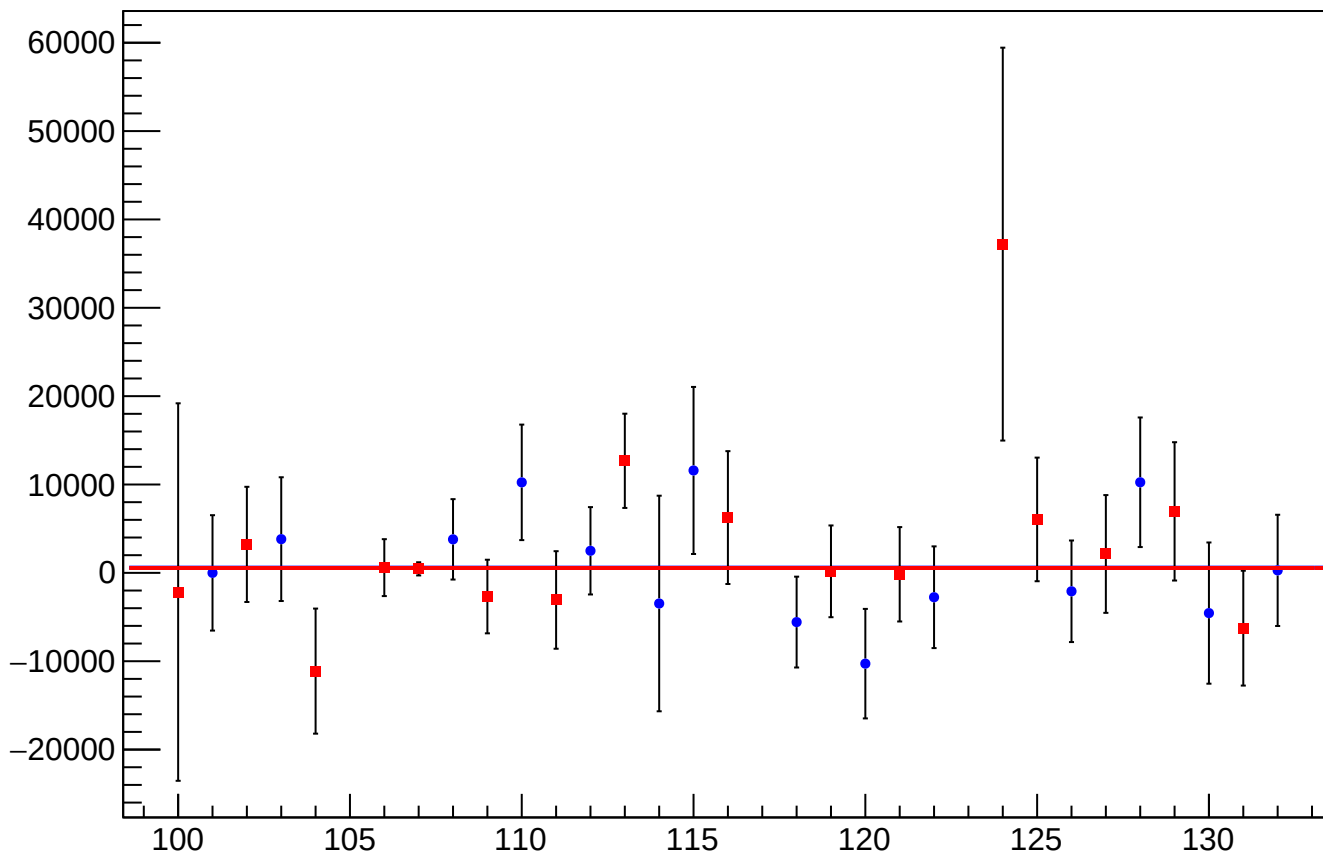
Right: 1865.778+/-0.382 χ^2/NDF : 436409.6/29

In: 1865.071+/-0.545 χ^2/NDF : 221594.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1865.778+/-0.382 χ^2/NDF : 436409.6/29

asym_atl1r2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 589.520+/-1670.862 χ^2/NDF : 11.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 552.184+/-668.044 χ^2/NDF : 14.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

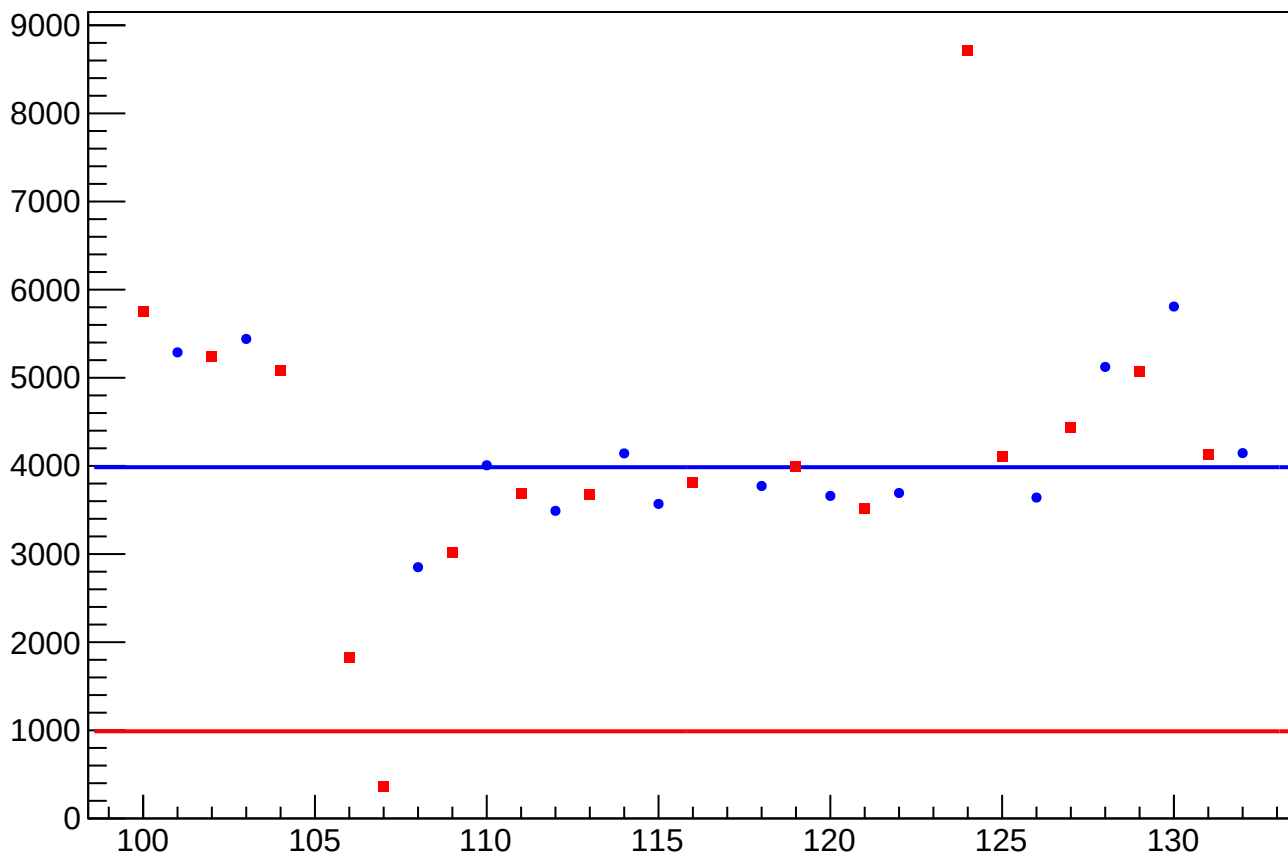
Right: 557.330+/-620.301 χ^2/NDF : 26.6/29

In: 589.520+/-1670.862 χ^2/NDF : 11.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 557.330+/-620.301 χ^2/NDF : 26.6/29

asym_atl1r2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3985.514+/-1.181 χ^2/NDF : 489350.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 988.999+/-0.472 χ^2/NDF : 8189396.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

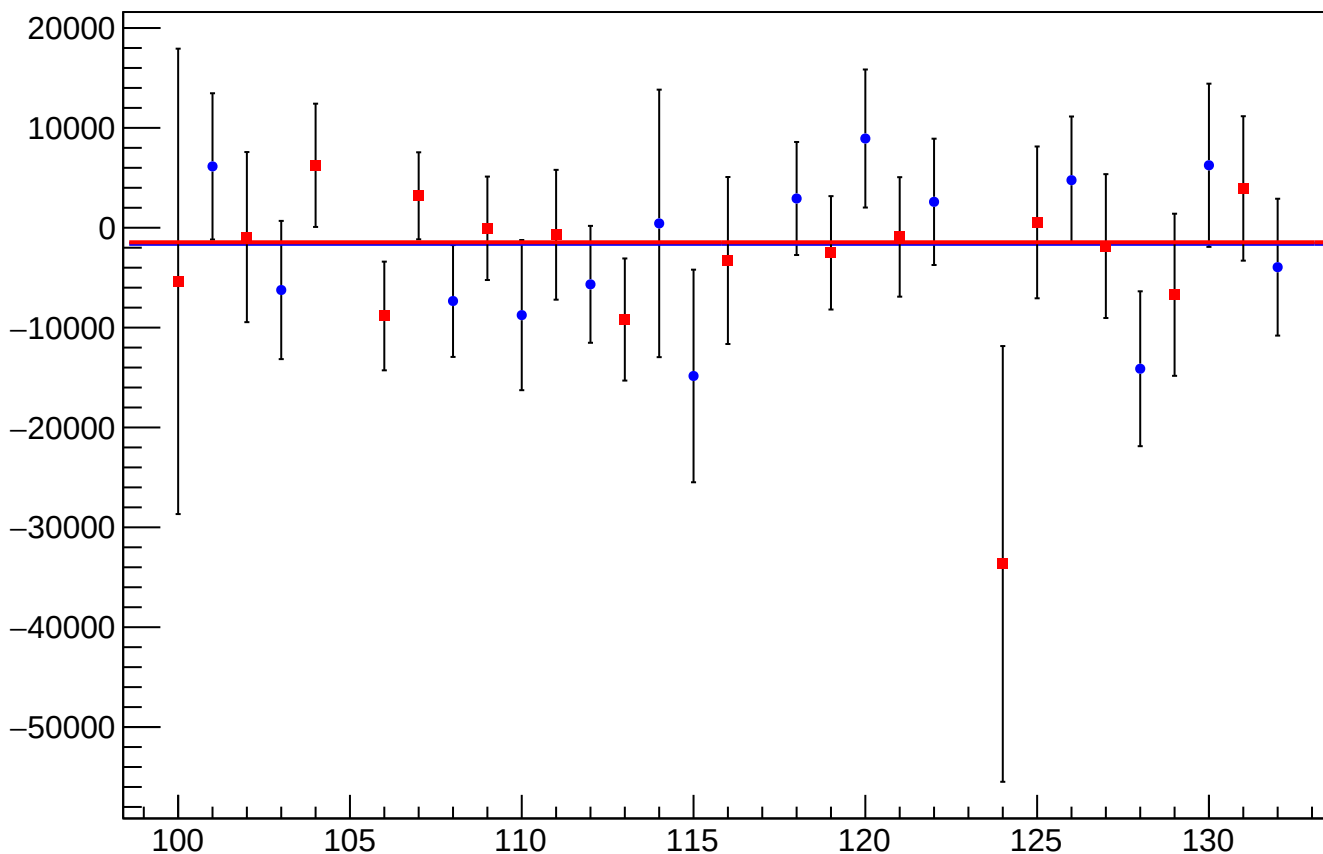
Right: 1401.990+/-0.439 χ^2/NDF : 14224715.4/29

In: 3985.514+/-1.181 χ^2/NDF : 489350.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1401.990+/-0.439 χ^2/NDF : 14224715.4/29

asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1611.026 $\pm$ 1865.454 χ^2 /NDF: 13.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1455.448 $\pm$ 1661.465 χ^2 /NDF: 9.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

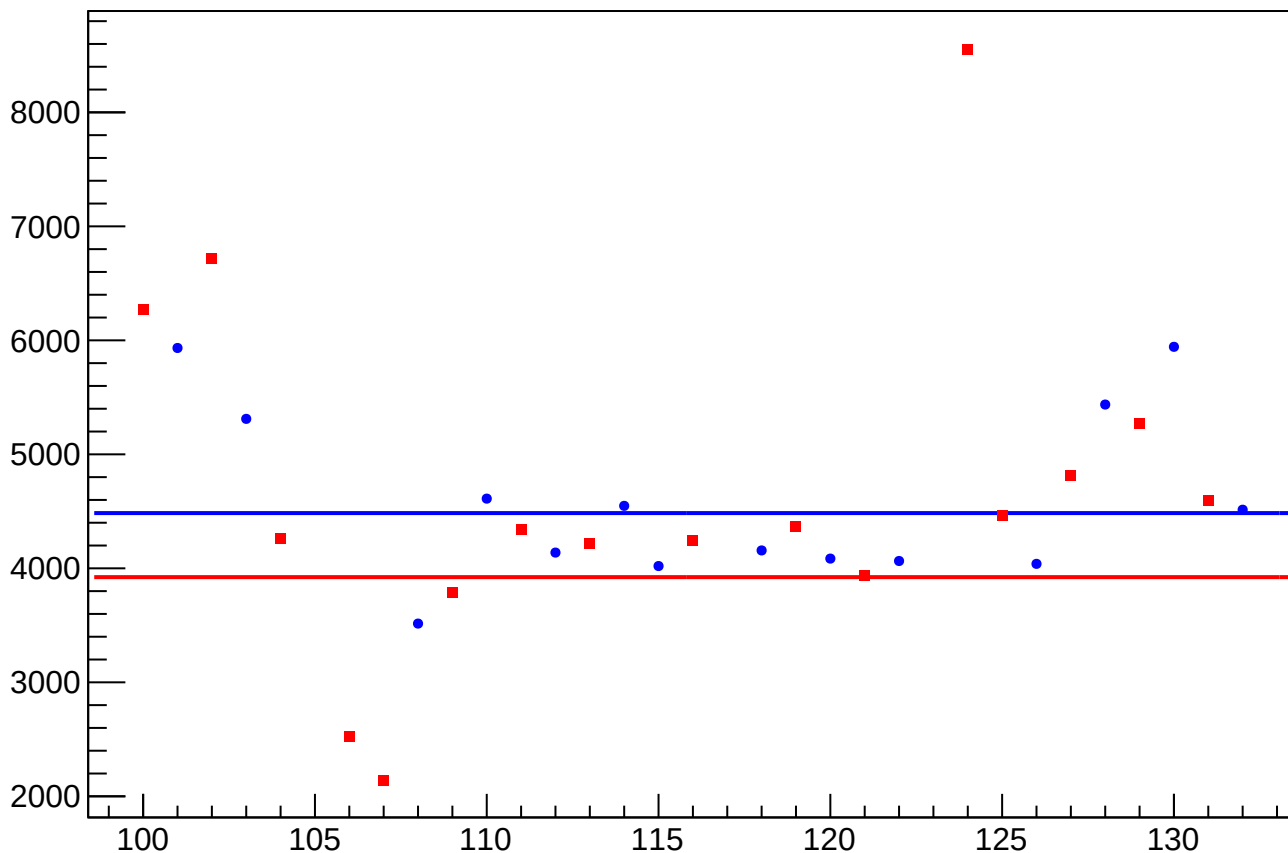
Right: -1524.269 $\pm$ 1240.709 χ^2 /NDF: 23.2/29

In: -1611.026 $\pm$ 1865.454 χ^2 /NDF:13.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1524.269 $\pm$ 1240.709 χ^2 /NDF: 23.2/29

asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 4484.603+/-1.319 χ^2/NDF : 304002.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3922.777+/-1.161 χ^2/NDF : 973366.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

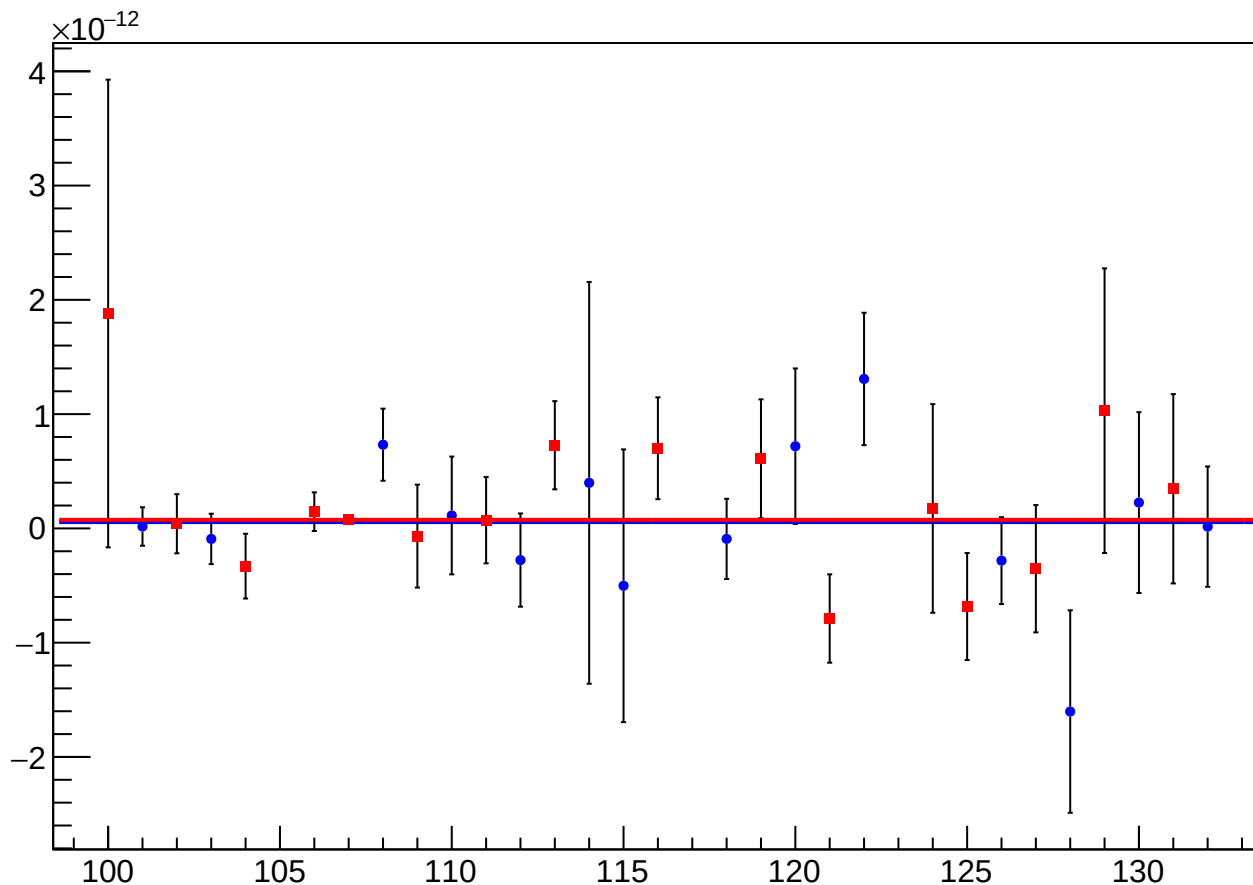
Right: 4168.126+/-0.872 χ^2/NDF : 1379558.1/29

In: 4484.603+/-1.319 χ^2/NDF : 304002.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4168.126+/-0.872 χ^2/NDF : 1379558.1/29

asym_atl1r2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

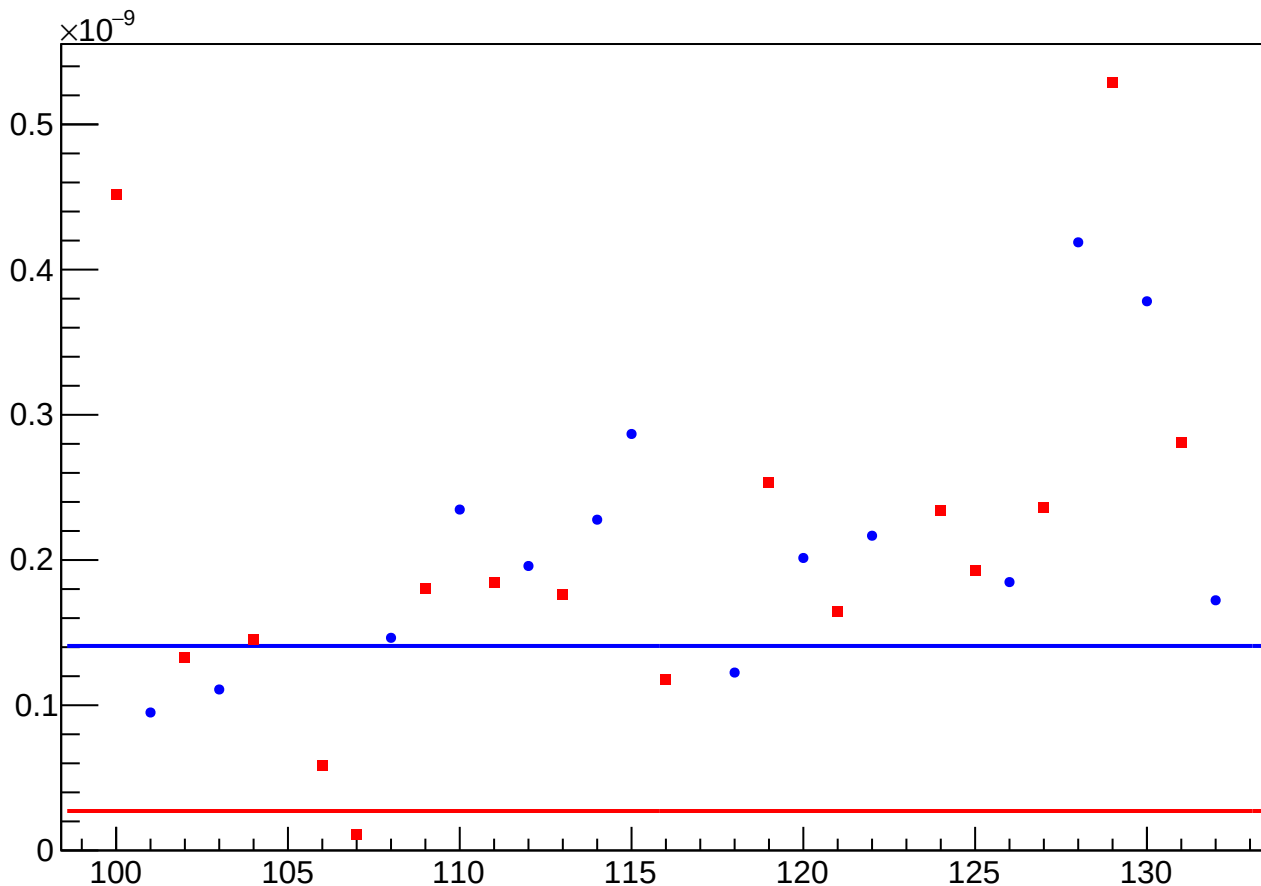
Right: 0.000+/-0.000 χ^2/NDF : 34.2/29

In: 0.000+/-0.000 χ^2/NDF : 16.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 34.2/29

asym_atl1r2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 789721.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3945731.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

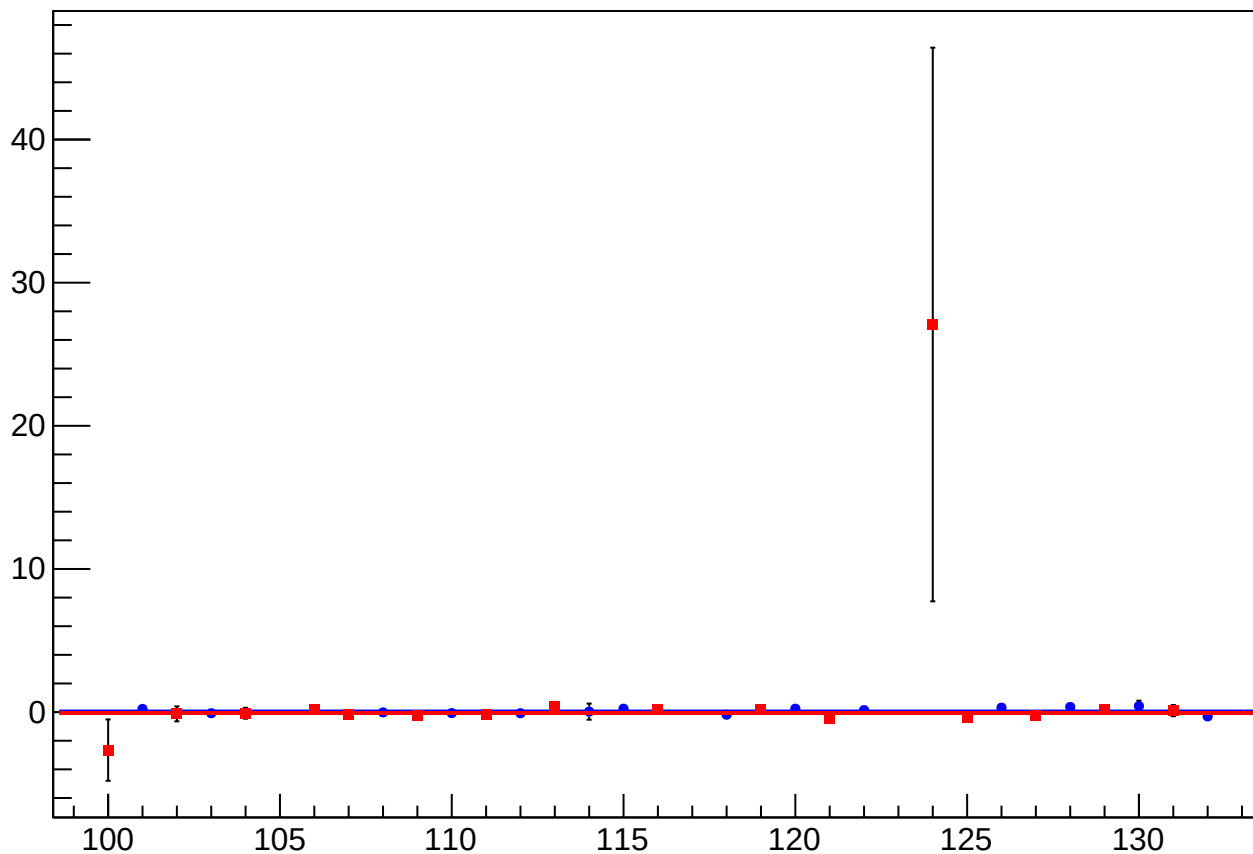
Right: 0.000+/-0.000 χ^2/NDF : 7112836.1/29

In: 0.000+/-0.000 χ^2/NDF : 789721.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7112836.1/29

asym_atl1r2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.040 $\pm$ 0.070 χ^2 /NDF: 7.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.061 $\pm$ 0.066 χ^2 /NDF: 16.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

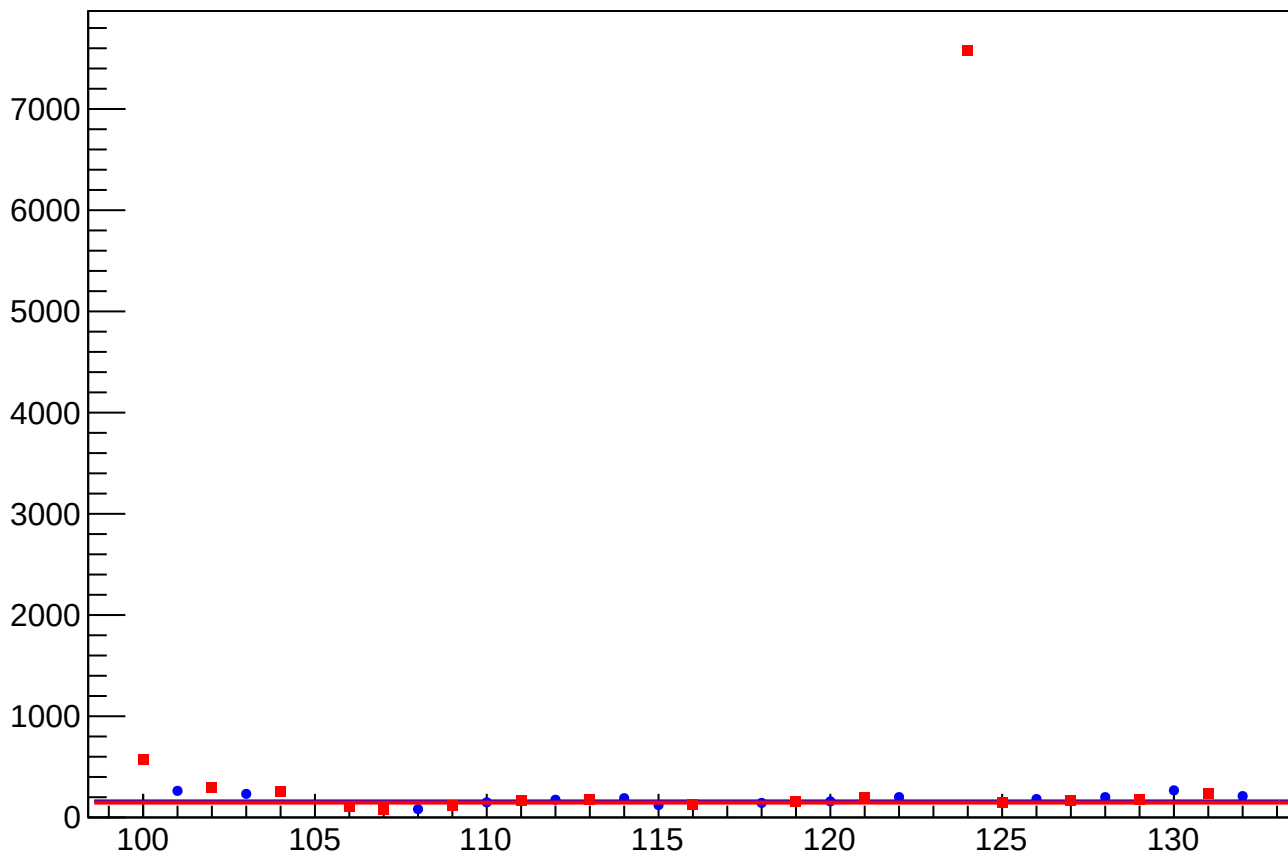
Right: -0.014 $\pm$ 0.048 χ^2 /NDF: 25.3/29

In: 0.040 $\pm$ 0.070 χ^2 /NDF:7.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.014 $\pm$ 0.048 χ^2 /NDF: 25.3/29

asym_atl1r2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 158.444 $\pm$ 0.050 χ^2 /NDF: 1236874.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 146.905 $\pm$ 0.047 χ^2 /NDF: 1333342.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

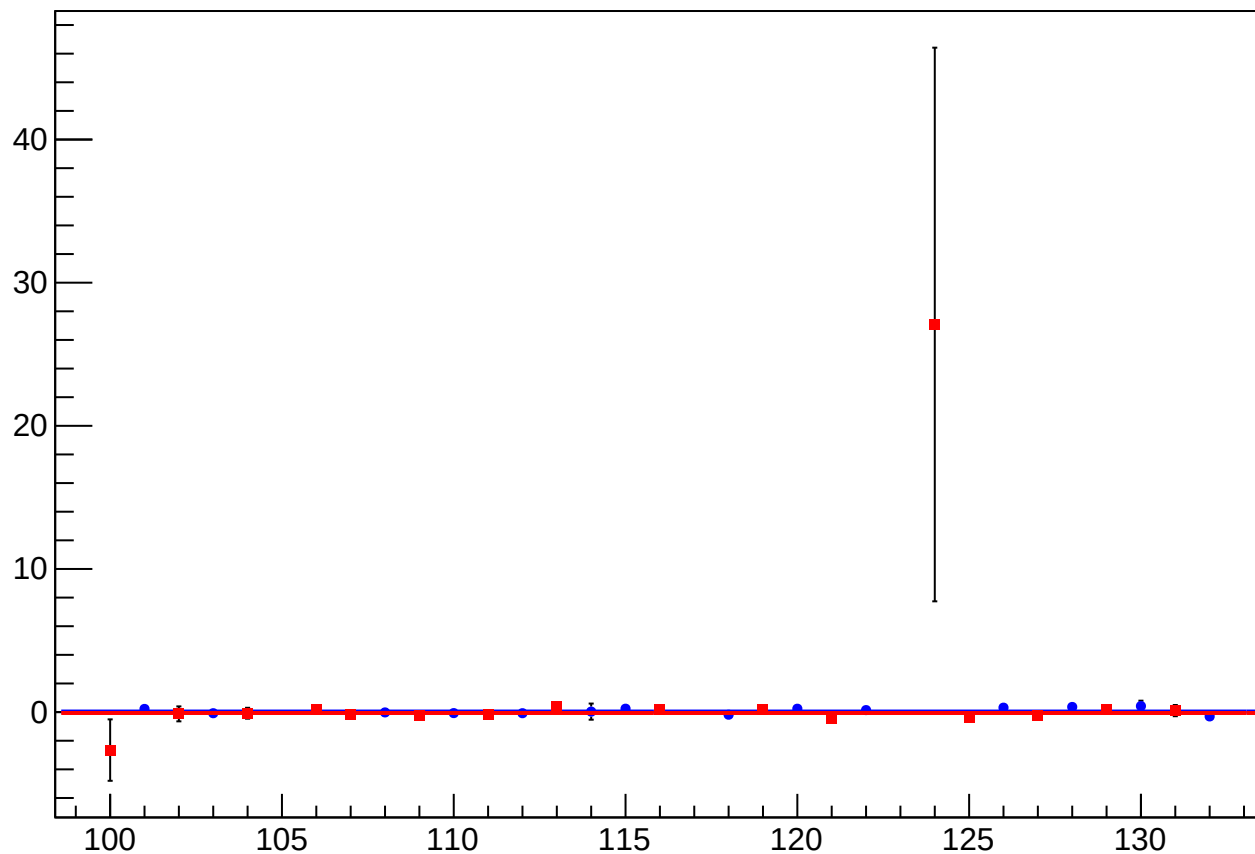
Right: 152.333 $\pm$ 0.034 χ^2 /NDF: 2598641.4/29

In: 158.444 $\pm$ 0.050 χ^2 /NDF: 1236874.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 152.333 $\pm$ 0.034 χ^2 /NDF: 2598641.4/29

asym_atl1r2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.040 $\pm$ 0.070 χ^2 /NDF: 7.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.061 $\pm$ 0.066 χ^2 /NDF: 16.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

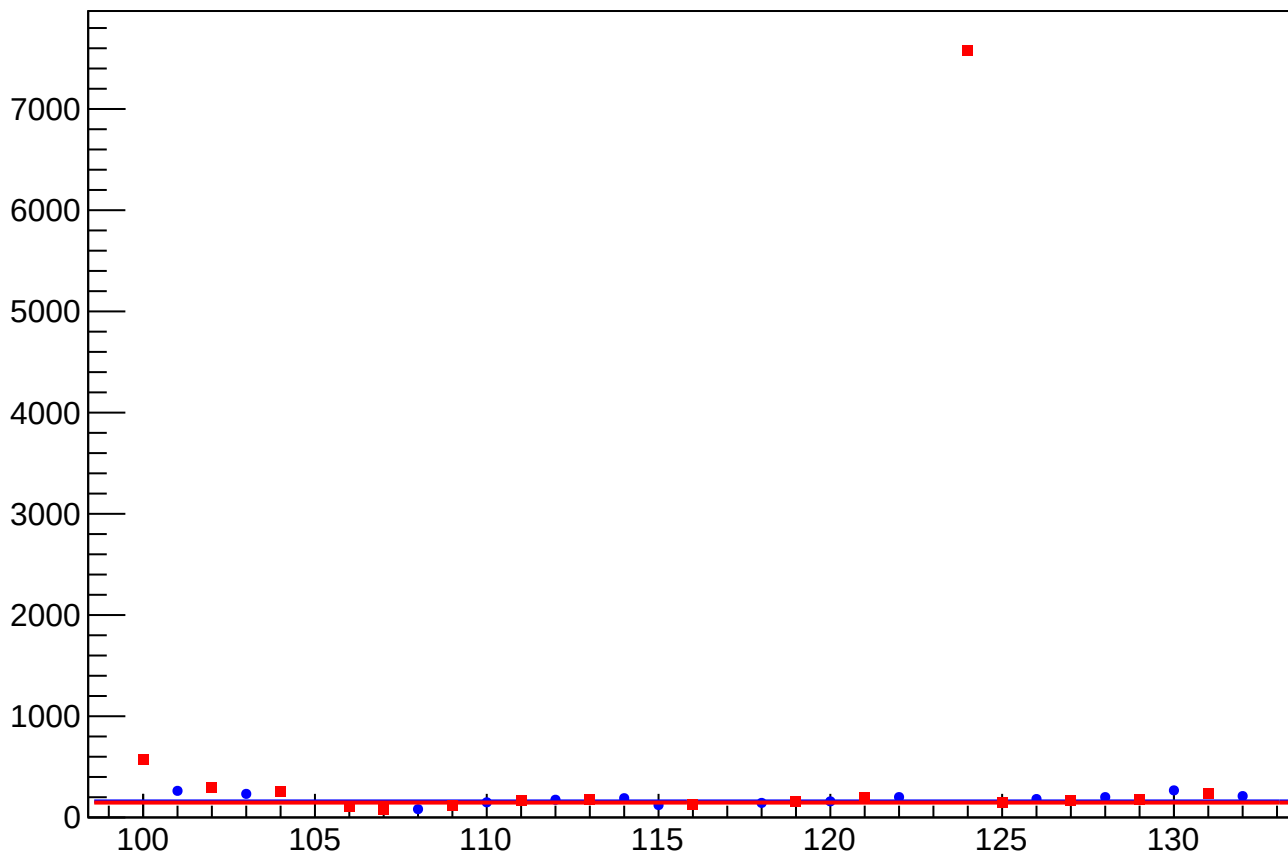
Right: -0.014 $\pm$ 0.048 χ^2 /NDF: 25.3/29

In: 0.040 $\pm$ 0.070 χ^2 /NDF:7.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.014 $\pm$ 0.048 χ^2 /NDF: 25.3/29

asym_atl1r2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 158.444+/-0.050 χ^2/NDF : 1236874.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.905+/-0.047 χ^2/NDF : 1333342.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

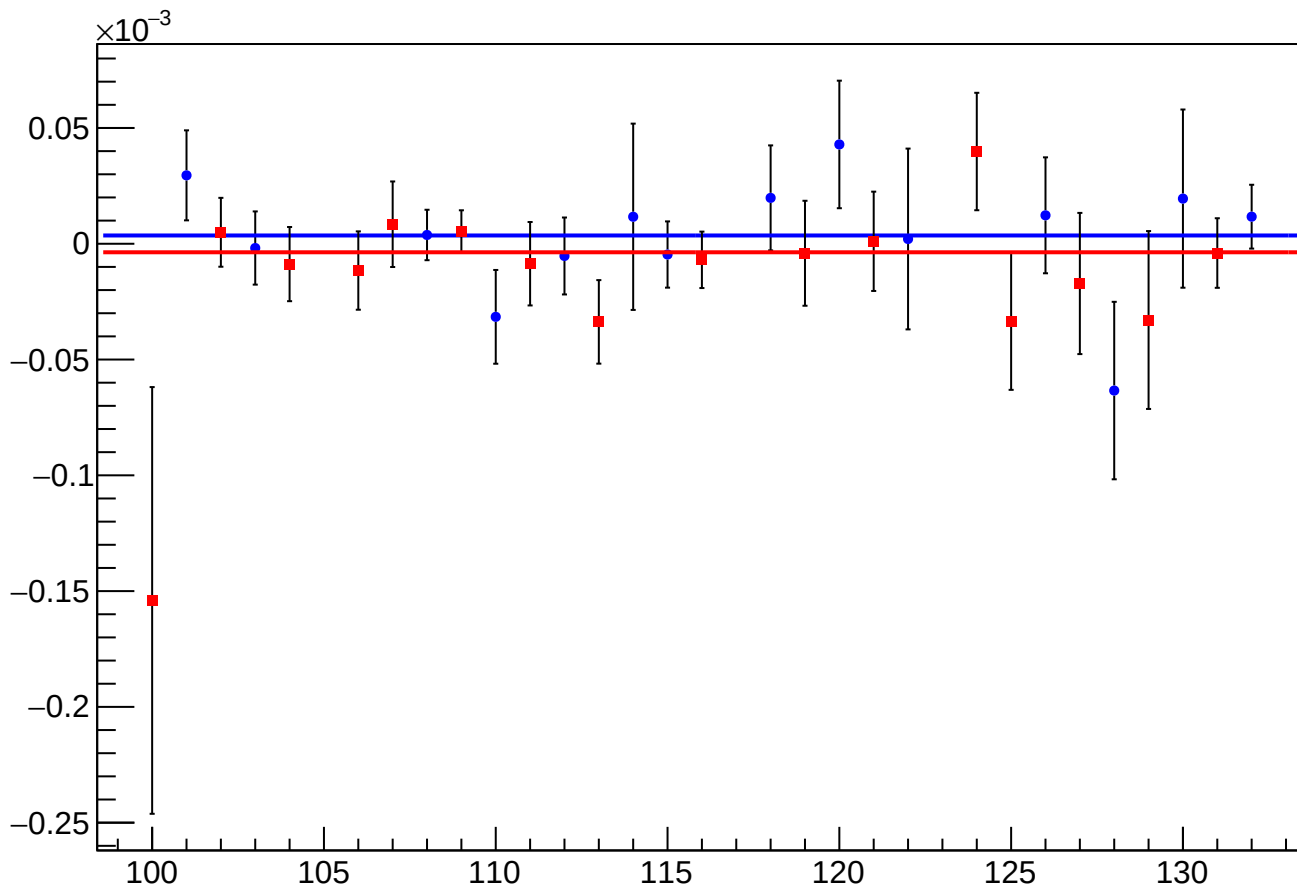
Right: 152.333+/-0.034 χ^2/NDF : 2598641.4/29

In: 158.444+/-0.050 χ^2/NDF : 1236874.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.333+/-0.034 χ^2/NDF : 2598641.4/29

asym_atl1r2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

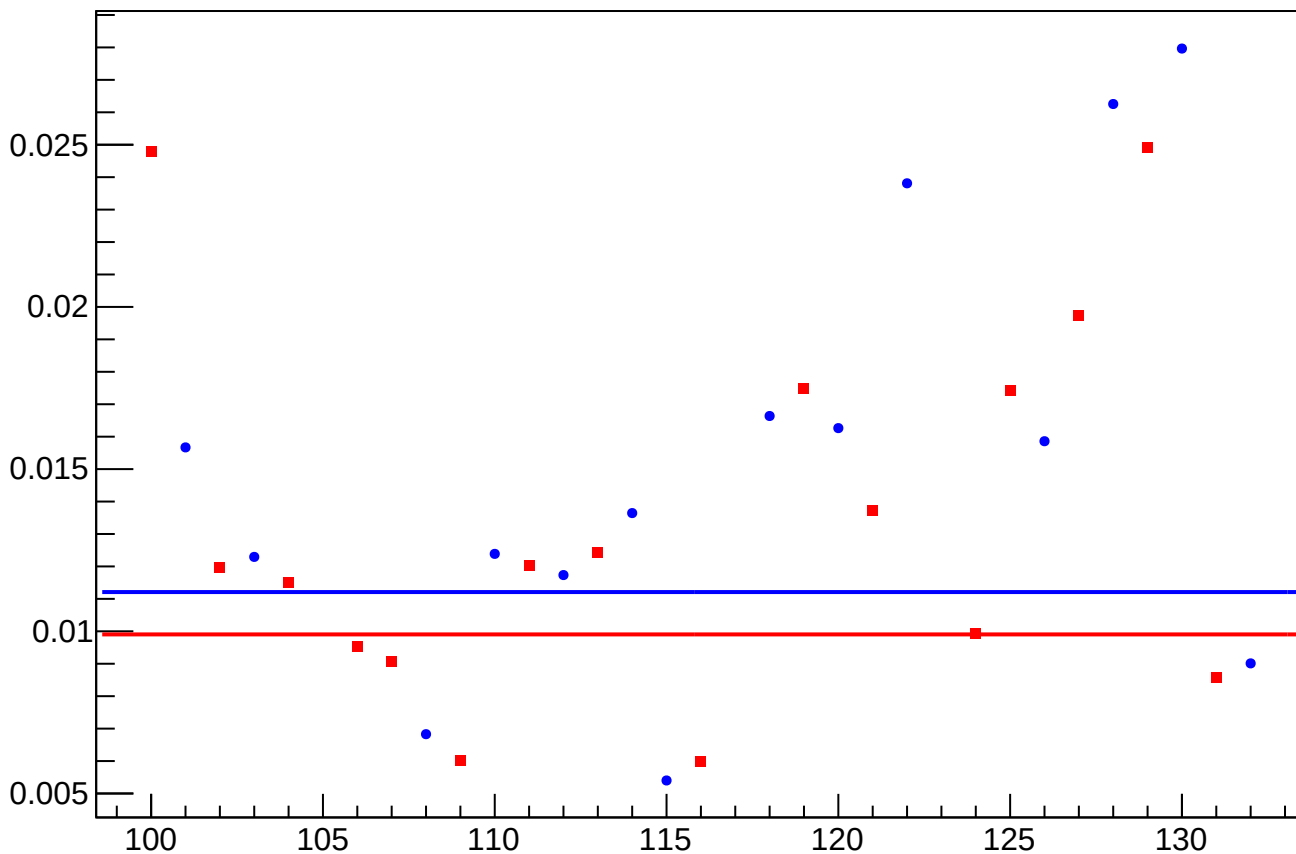
Right: -0.000+/-0.000 χ^2/NDF : 25.5/29

In: 0.000+/-0.000 χ^2/NDF : 11.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.5/29

asym_atl1r2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 1982028.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 1706597.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

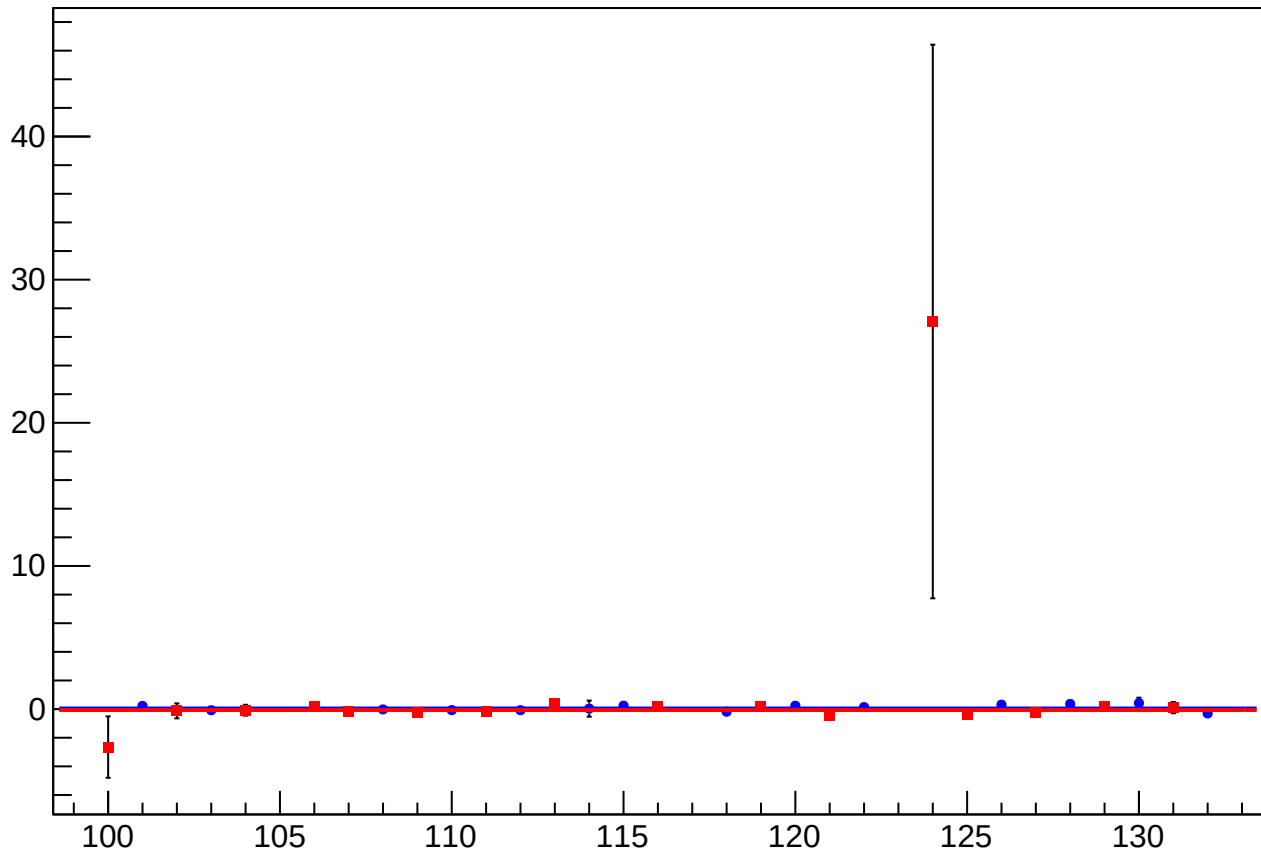
Right: 0.010+/-0.000 χ^2/NDF : 3765080.5/29

In: 0.011+/-0.000 χ^2/NDF : 1982028.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 3765080.5/29

asym_atl1r2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.040+/-0.070 χ^2/NDF : 7.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.061+/-0.066 χ^2/NDF : 16.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

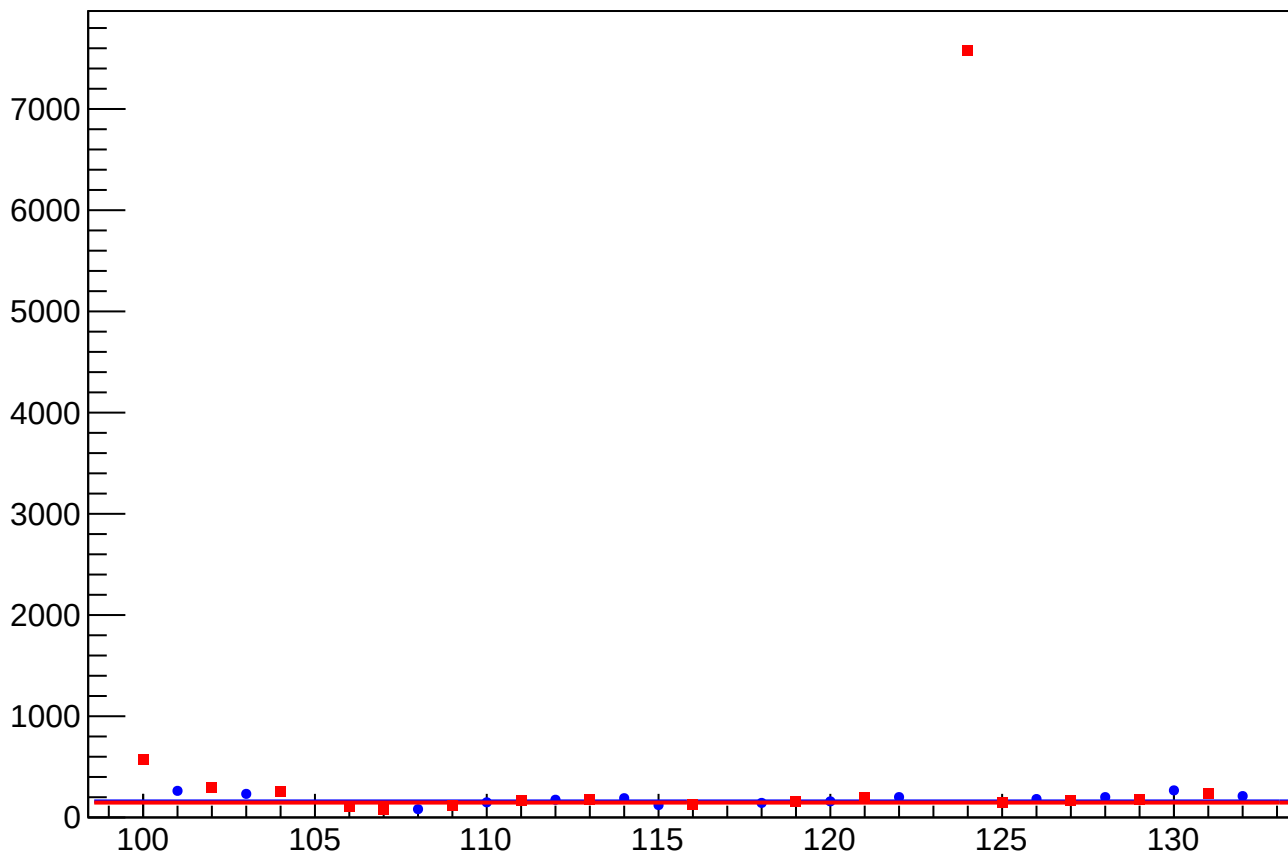
Right: -0.014+/-0.048 χ^2/NDF : 25.3/29

In: 0.040+/-0.070 χ^2/NDF : 7.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.014+/-0.048 χ^2/NDF : 25.3/29

asym_atl1r2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 158.444+/-0.050 χ^2/NDF : 1236829.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.904+/-0.047 χ^2/NDF : 1333347.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

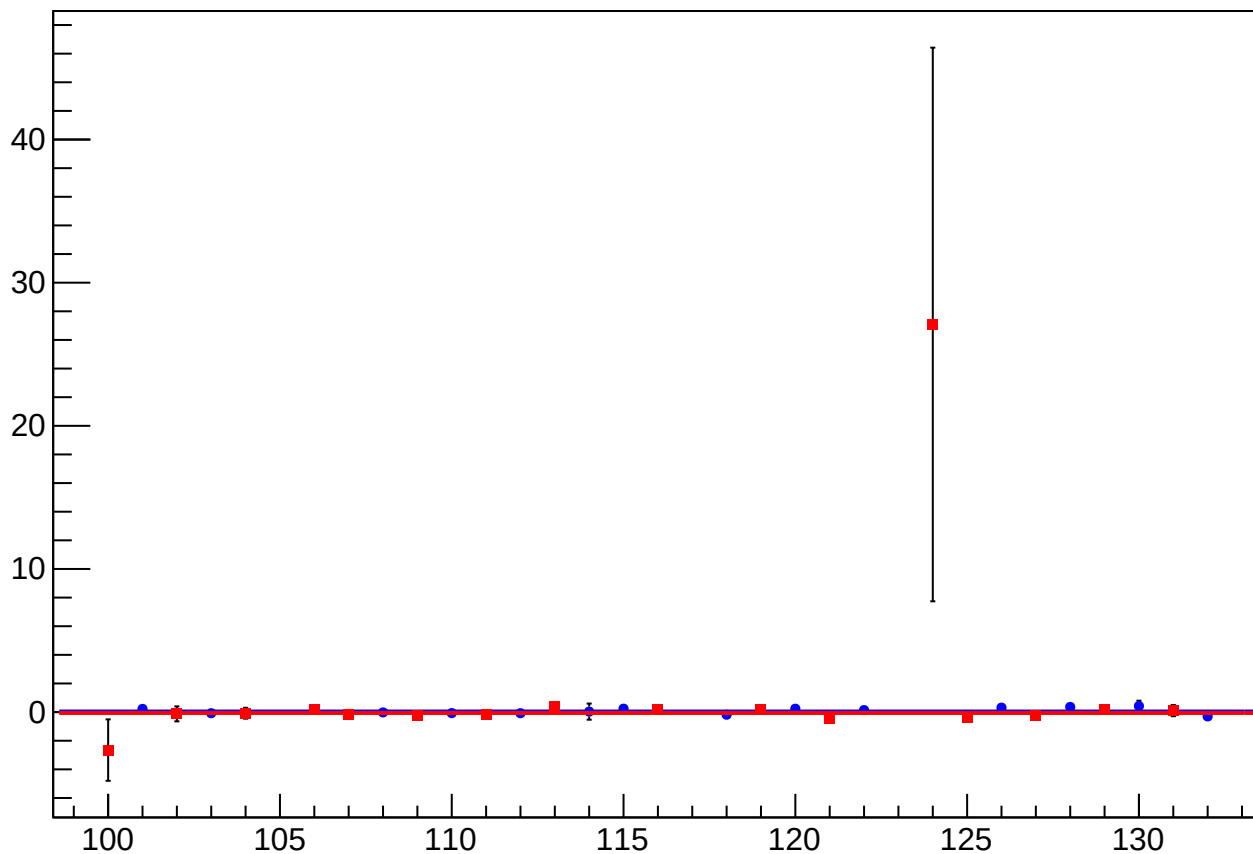
Right: 152.332+/-0.034 χ^2/NDF : 2598601.4/29

In: 158.444+/-0.050 χ^2/NDF : 1236829.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.332+/-0.034 χ^2/NDF : 2598601.4/29

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.040 $\pm$ 0.070 χ^2 /NDF: 7.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.061 $\pm$ 0.066 χ^2 /NDF: 16.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

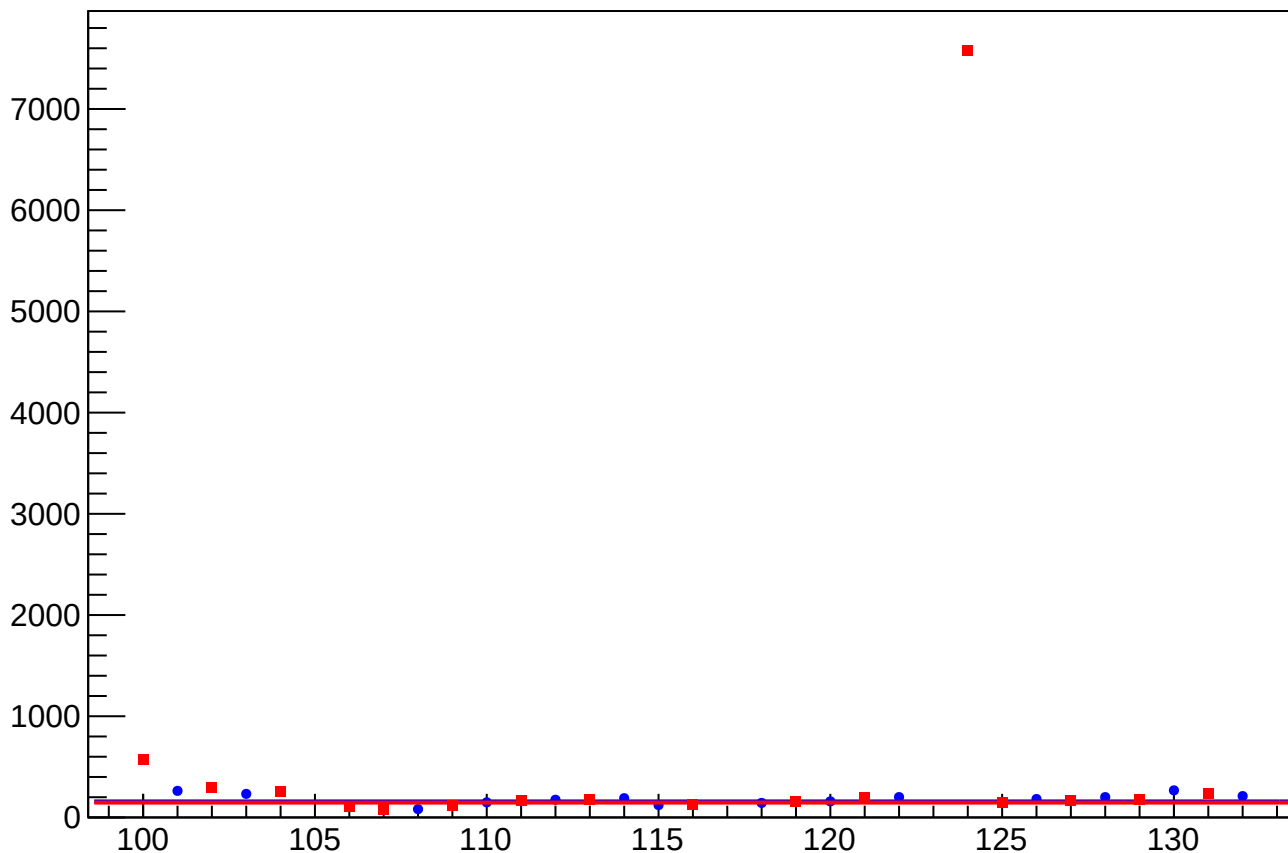
Right: -0.014 $\pm$ 0.048 χ^2 /NDF: 25.3/29

In: 0.040 $\pm$ 0.070 χ^2 /NDF:7.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.014 $\pm$ 0.048 χ^2 /NDF: 25.3/29

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 158.444+/-0.050 χ^2/NDF : 1236829.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.904+/-0.047 χ^2/NDF : 1333347.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

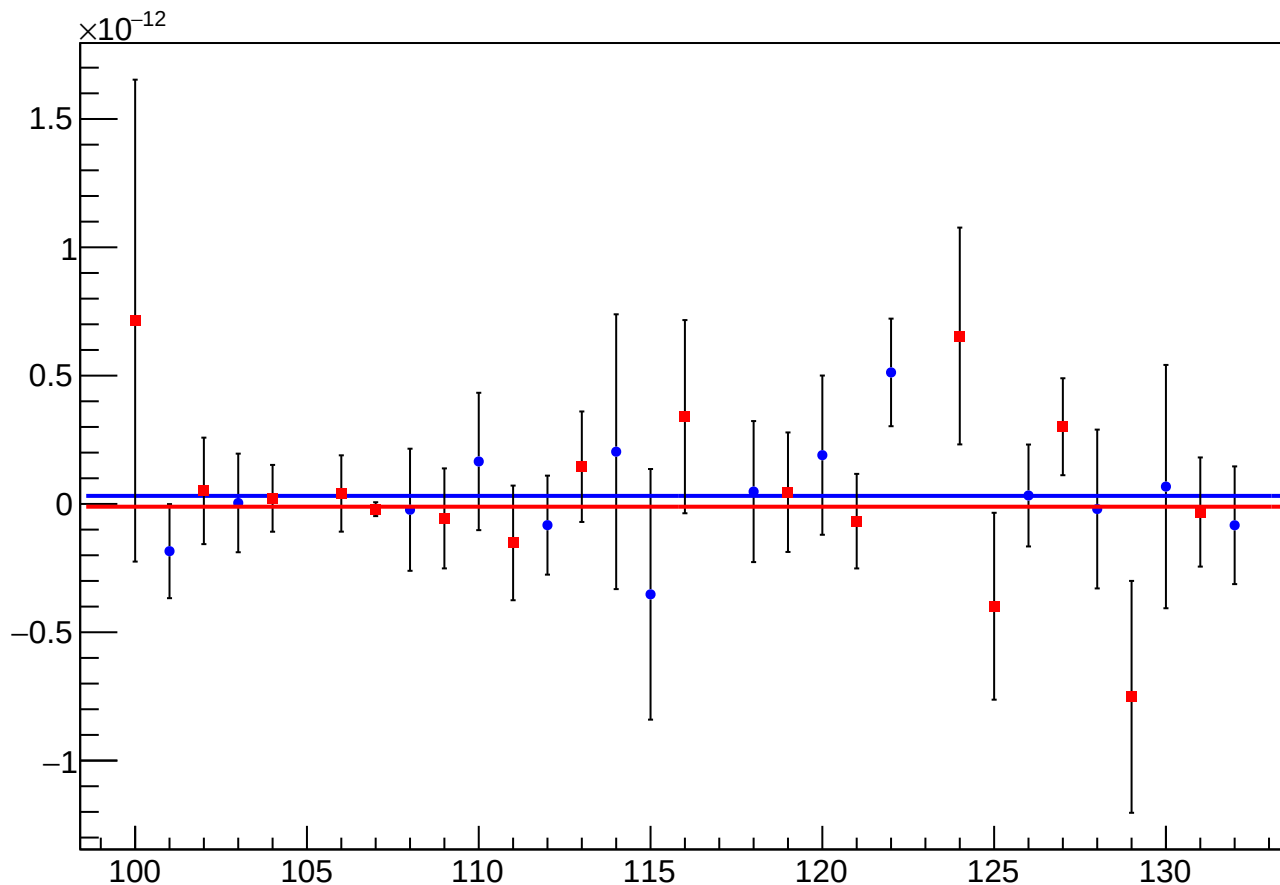
Right: 152.332+/-0.034 χ^2/NDF : 2598601.4/29

In: 158.444+/-0.050 χ^2/NDF : 1236829.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.332+/-0.034 χ^2/NDF : 2598601.4/29

asym_atl1r2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 8.6/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 12.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

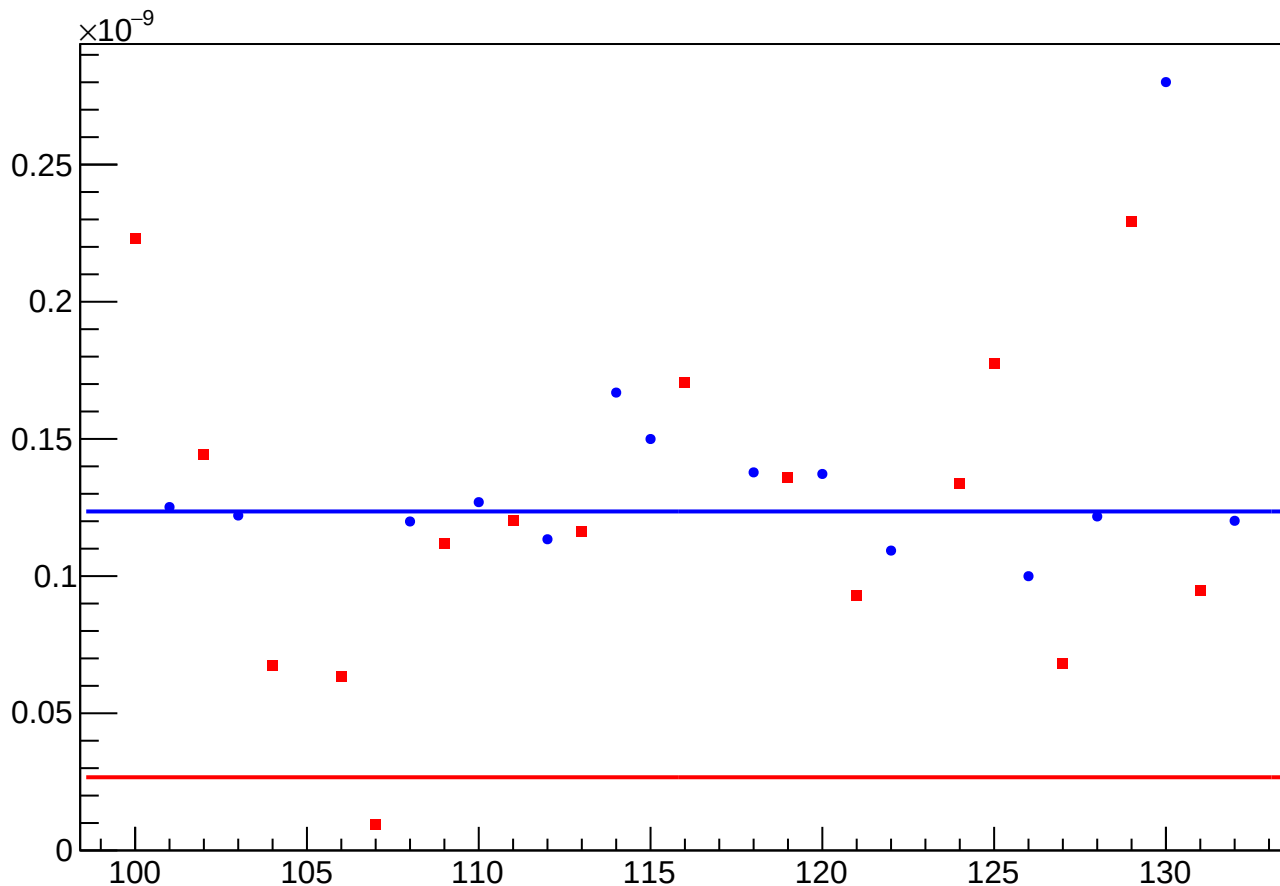
Right: -0.000 ± 0.000 χ^2/NDF : 21.0/29

In: 0.000 ± 0.000 χ^2/NDF : 8.6/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 21.0/29

asym_atl1r2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 290787.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5099556.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

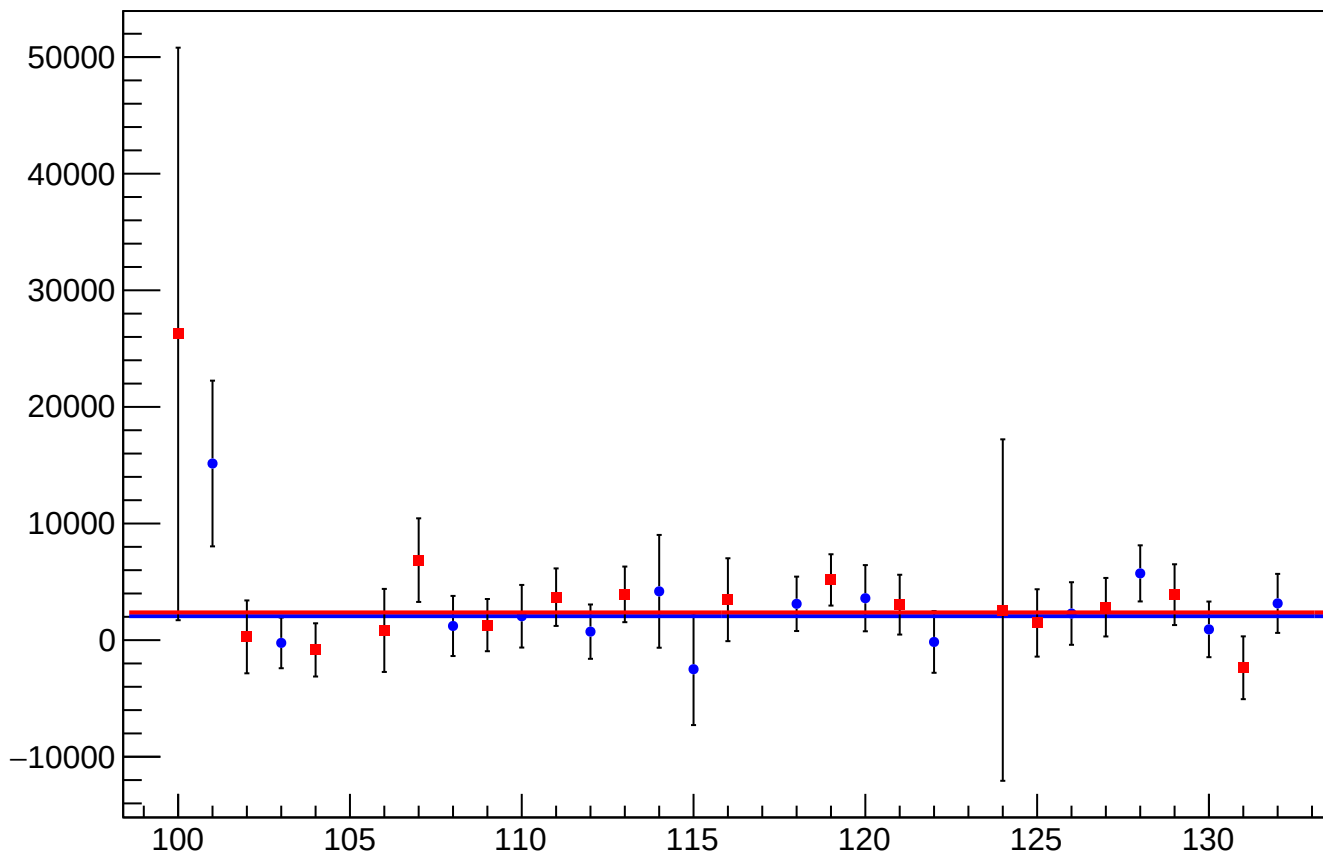
Right: 0.000+/-0.000 χ^2/NDF : 9172553.3/29

In: 0.000+/-0.000 χ^2/NDF : 290787.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9172553.3/29

reg_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 2056.640+/-728.192 χ^2/NDF : 10.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2377.979+/-707.369 χ^2/NDF : 11.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

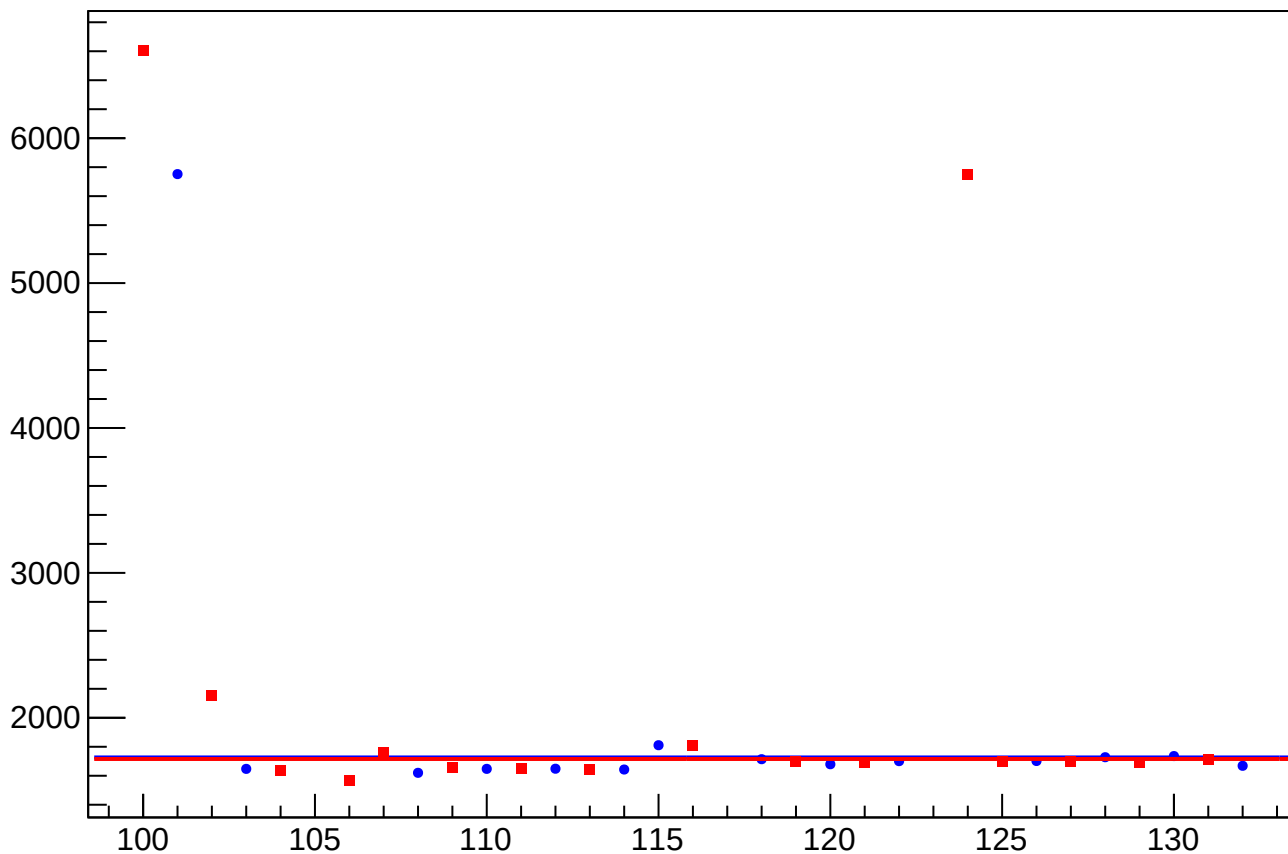
Right: 2221.970+/-507.387 χ^2/NDF : 21.5/29

In: 2056.640+/-728.192 χ^2/NDF :10.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2221.970+/-507.387 χ^2/NDF : 21.5/29

reg_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1726.214+/-0.515 χ^2/NDF : 655211.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1715.799+/-0.496 χ^2/NDF : 284733.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

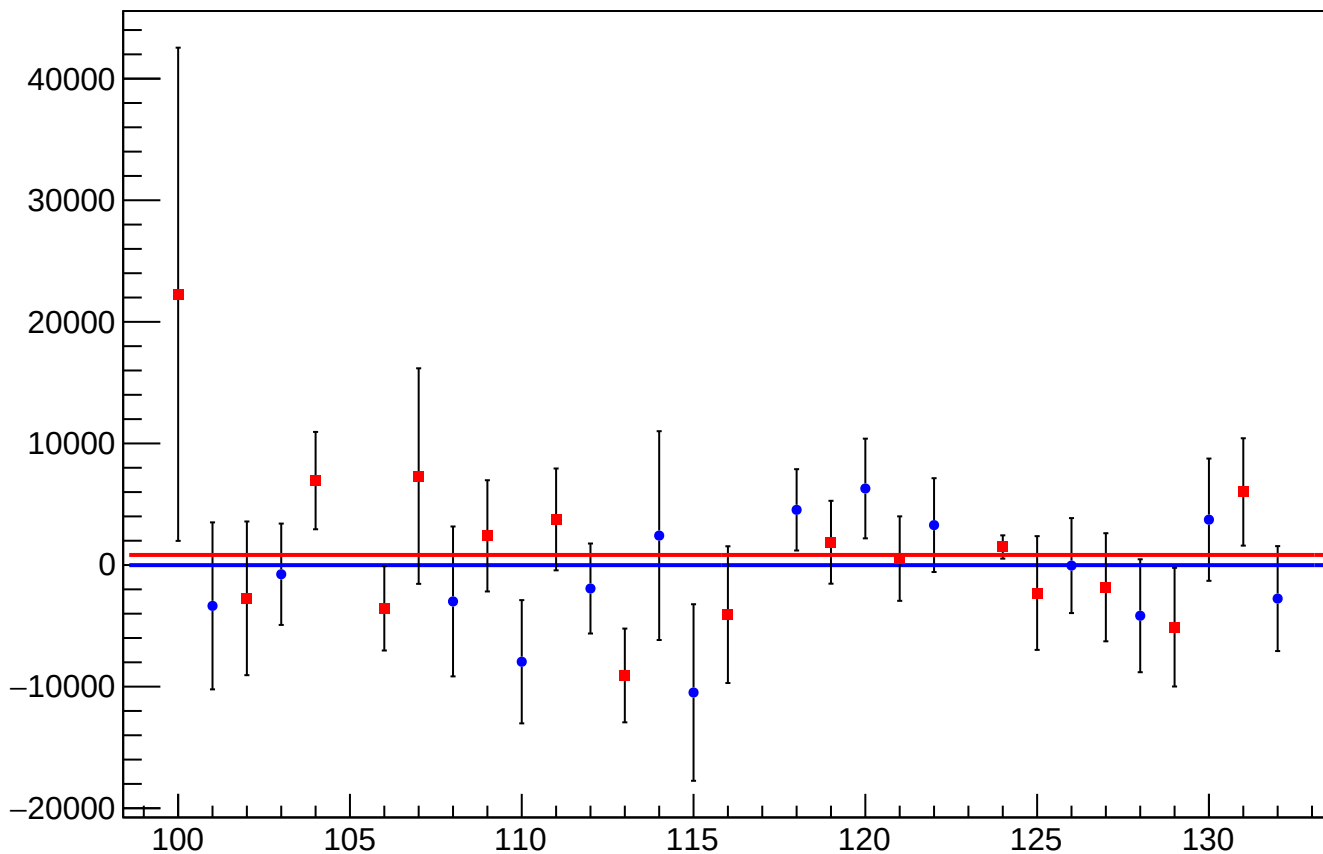
Right: 1720.811+/-0.357 χ^2/NDF : 940157.7/29

In: 1726.214+/-0.515 χ^2/NDF : 655211.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1720.811+/-0.357 χ^2/NDF : 940157.7/29

asym_atr1l2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -9.105 ± 1220.923 χ^2/NDF : 12.1/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 830.319 ± 737.311 χ^2/NDF : 18.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

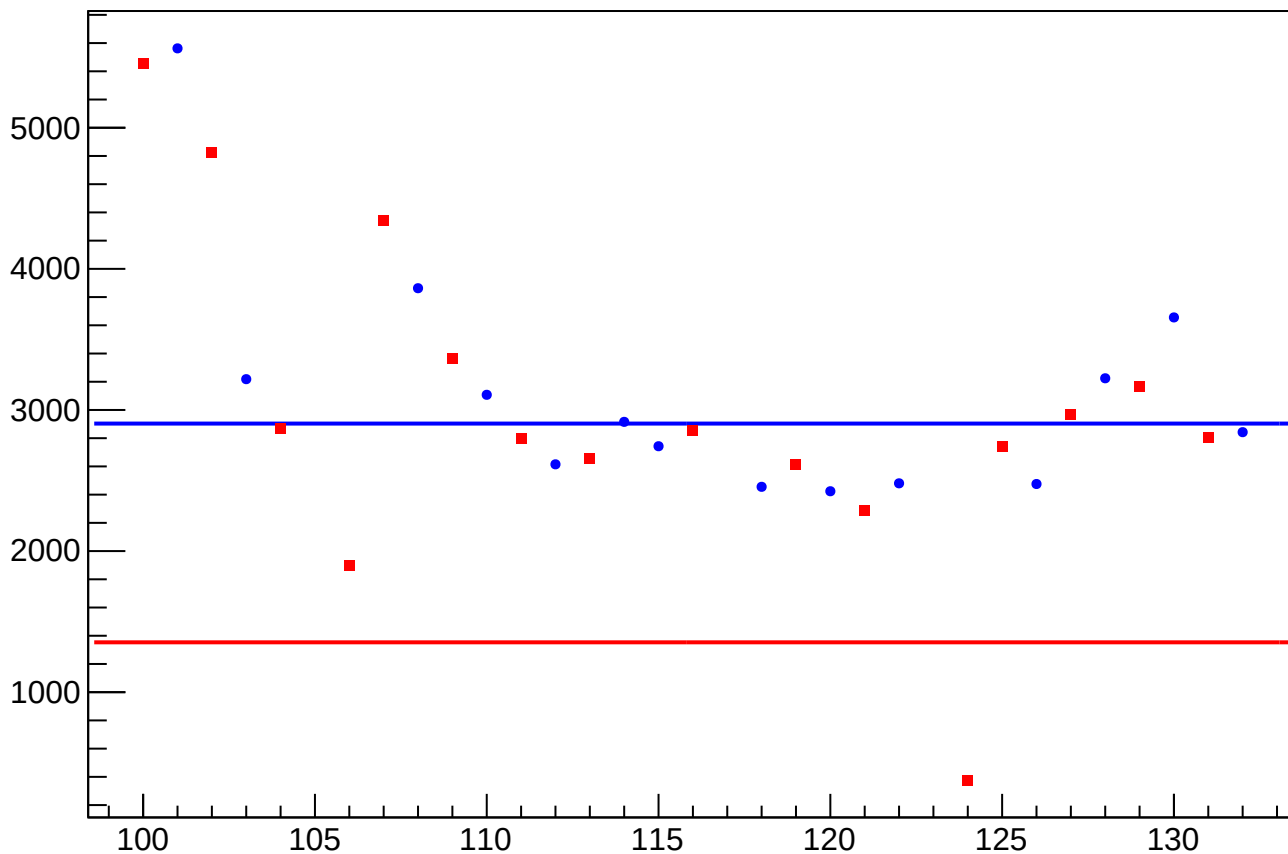
Right: 605.996 ± 631.152 χ^2/NDF : 30.6/29

In: -9.105 ± 1220.923 χ^2/NDF : 12.1/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 605.996 ± 631.152 χ^2/NDF : 30.6/29

asym_atr1l2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2903.587+/-0.863 χ^2/NDF : 542260.3/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1353.394+/-0.521 χ^2/NDF : 5696930.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

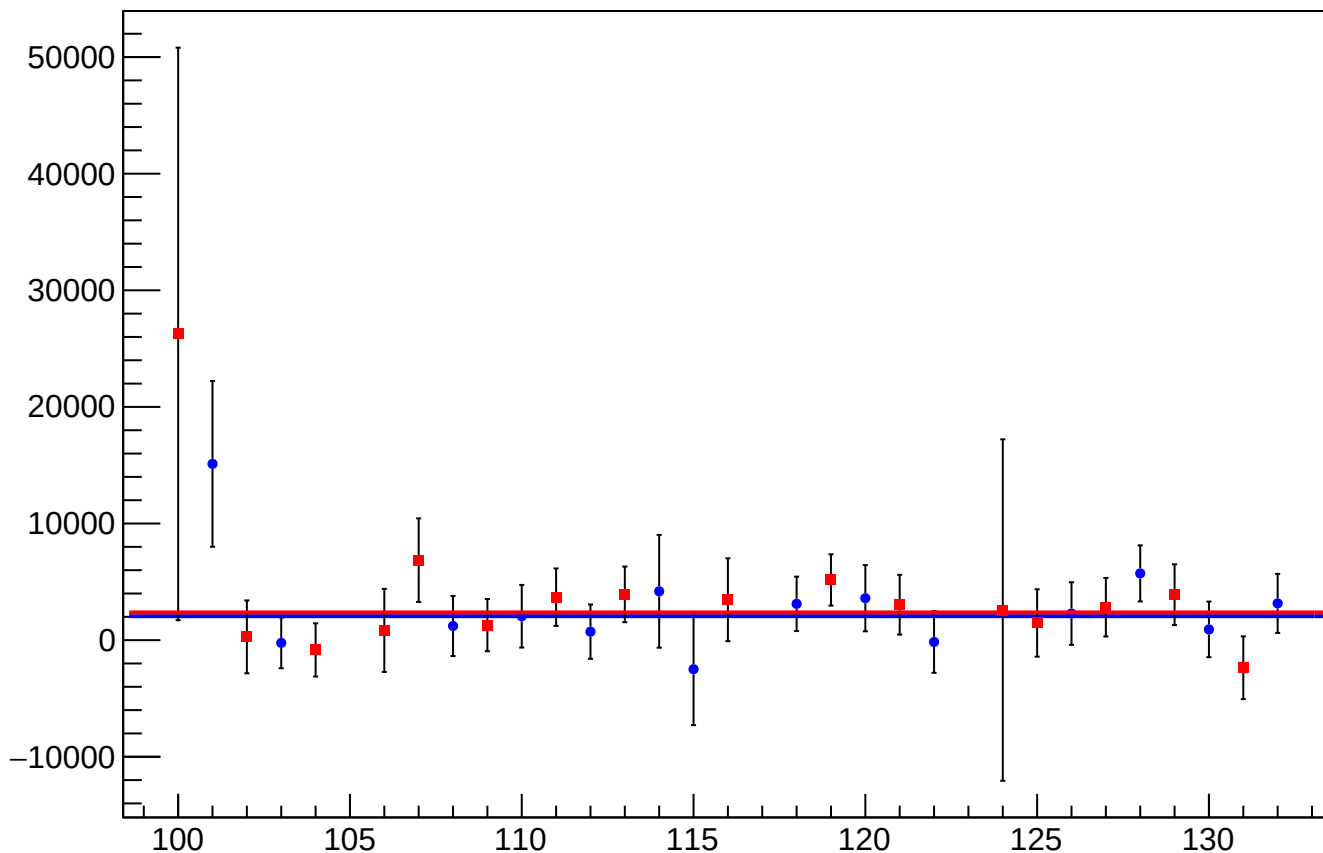
Right: 1767.657+/-0.446 χ^2/NDF : 8601792.9/29

In: 2903.587+/-0.863 χ^2/NDF :542260.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1767.657+/-0.446 χ^2/NDF : 8601792.9/29

cor_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 2056.309+/-728.192 χ^2/NDF : 10.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2378.047+/-707.369 χ^2/NDF : 11.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

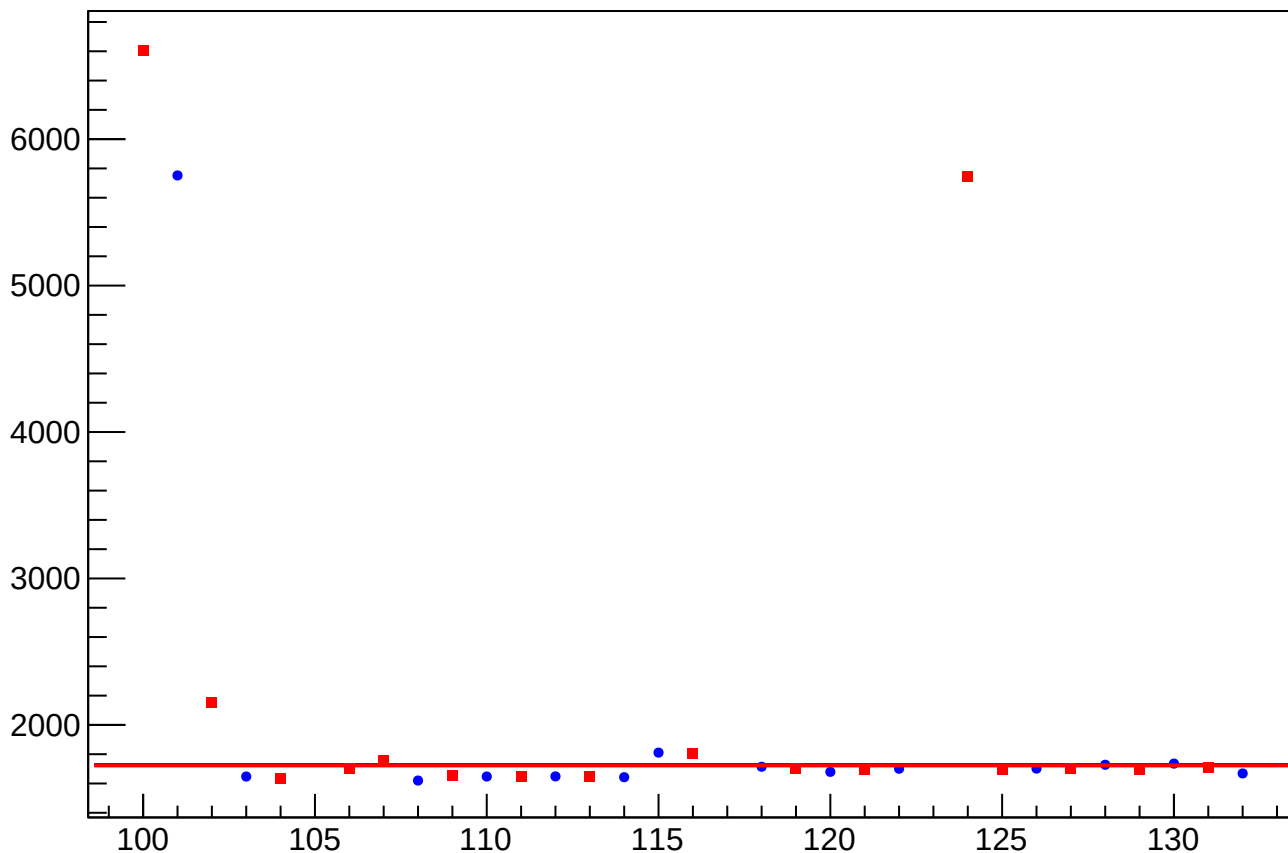
Right: 2221.844+/-507.387 χ^2/NDF : 21.5/29

In: 2056.309+/-728.192 χ^2/NDF :10.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2221.844+/-507.387 χ^2/NDF : 21.5/29

cor_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1726.214+/-0.515 χ^2/NDF : 655211.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1723.399+/-0.498 χ^2/NDF : 279545.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

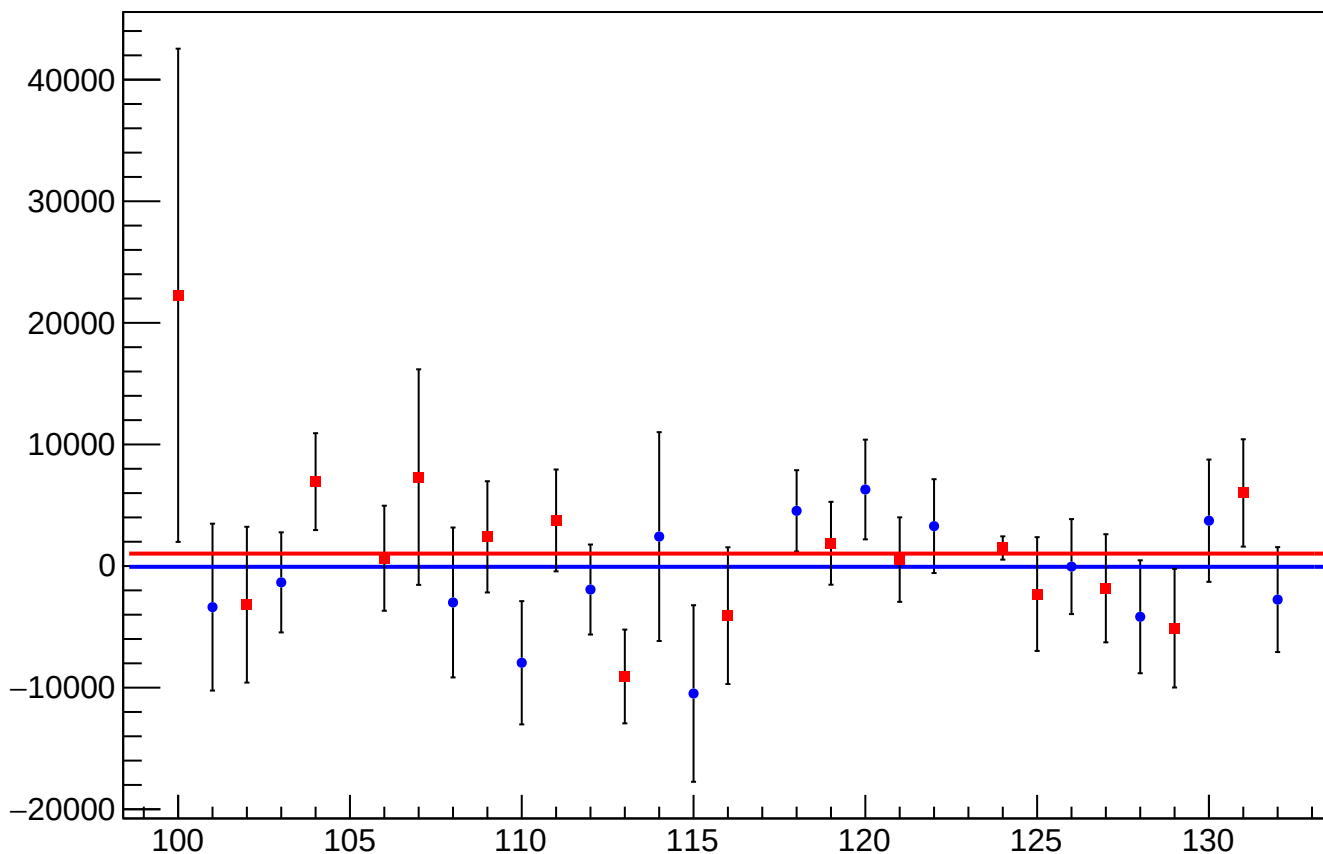
Right: 1724.760+/-0.358 χ^2/NDF : 934772.3/29

In: 1726.214+/-0.515 χ^2/NDF : 655211.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1724.760+/-0.358 χ^2/NDF : 934772.3/29

asym_atr1l2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -62.599+/-1219.565 χ^2/NDF : 12.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1024.149+/-743.313 χ^2/NDF : 16.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

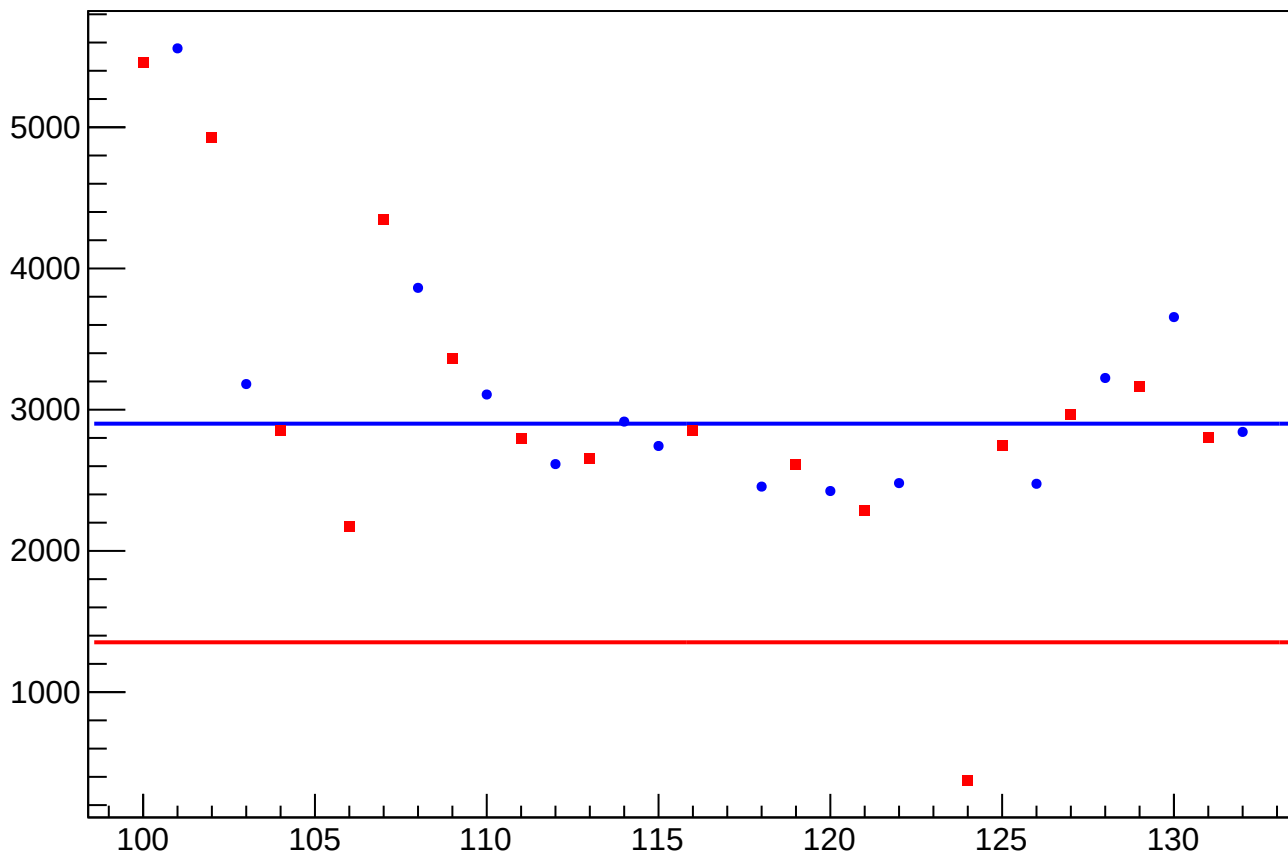
Right: 729.793+/-634.713 χ^2/NDF : 29.3/29

In: -62.599+/-1219.565 χ^2/NDF : 12.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 729.793+/-634.713 χ^2/NDF : 29.3/29

asym_atr1l2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2901.043+/-0.862 χ^2/NDF : 539500.3/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1352.868+/-0.526 χ^2/NDF : 5735897.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

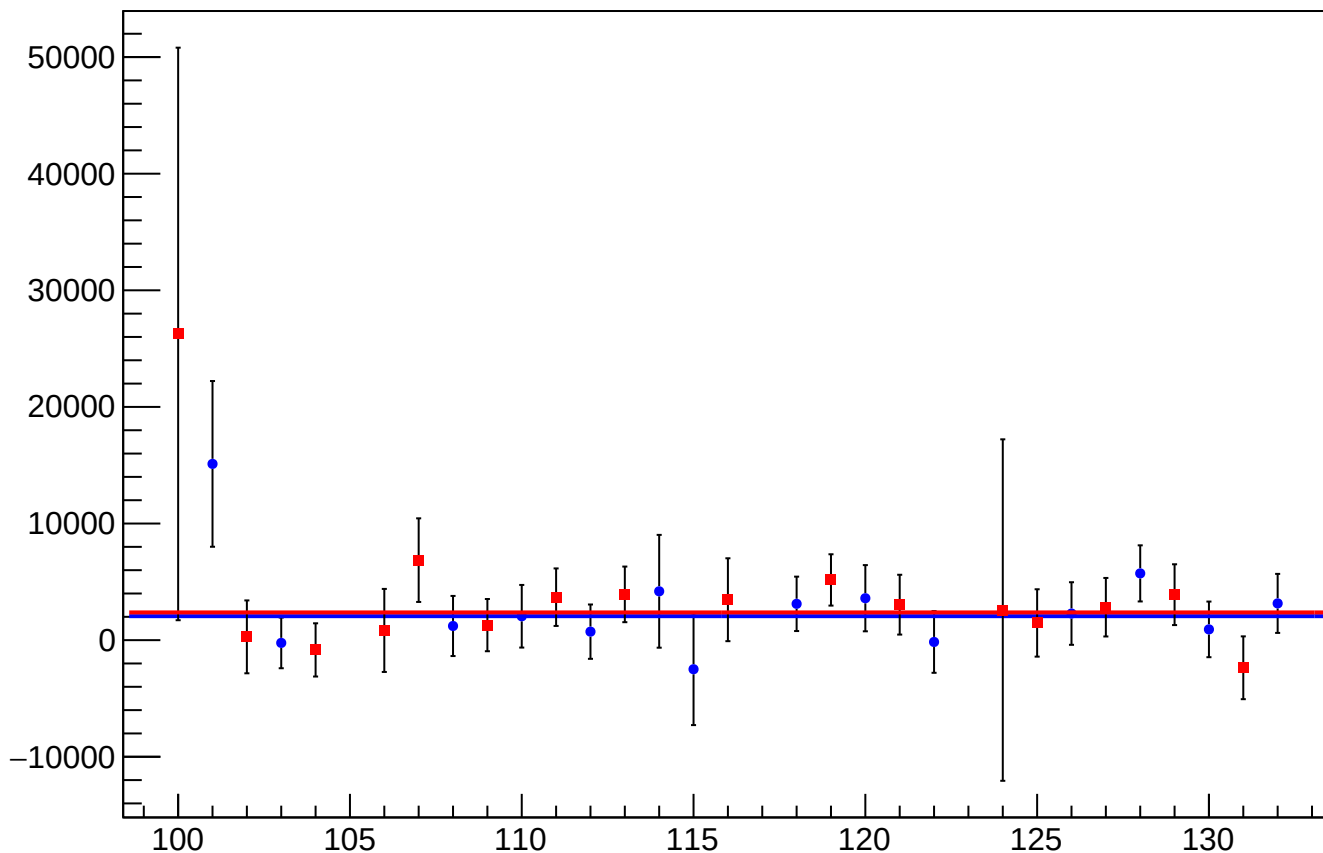
Right: 1772.206+/-0.449 χ^2/NDF : 8625416.4/29

In: 2901.043+/-0.862 χ^2/NDF :539500.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1772.206+/-0.449 χ^2/NDF : 8625416.4/29

eigen_cor_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 2056.309+/-728.192 χ^2/NDF : 10.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2378.047+/-707.369 χ^2/NDF : 11.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

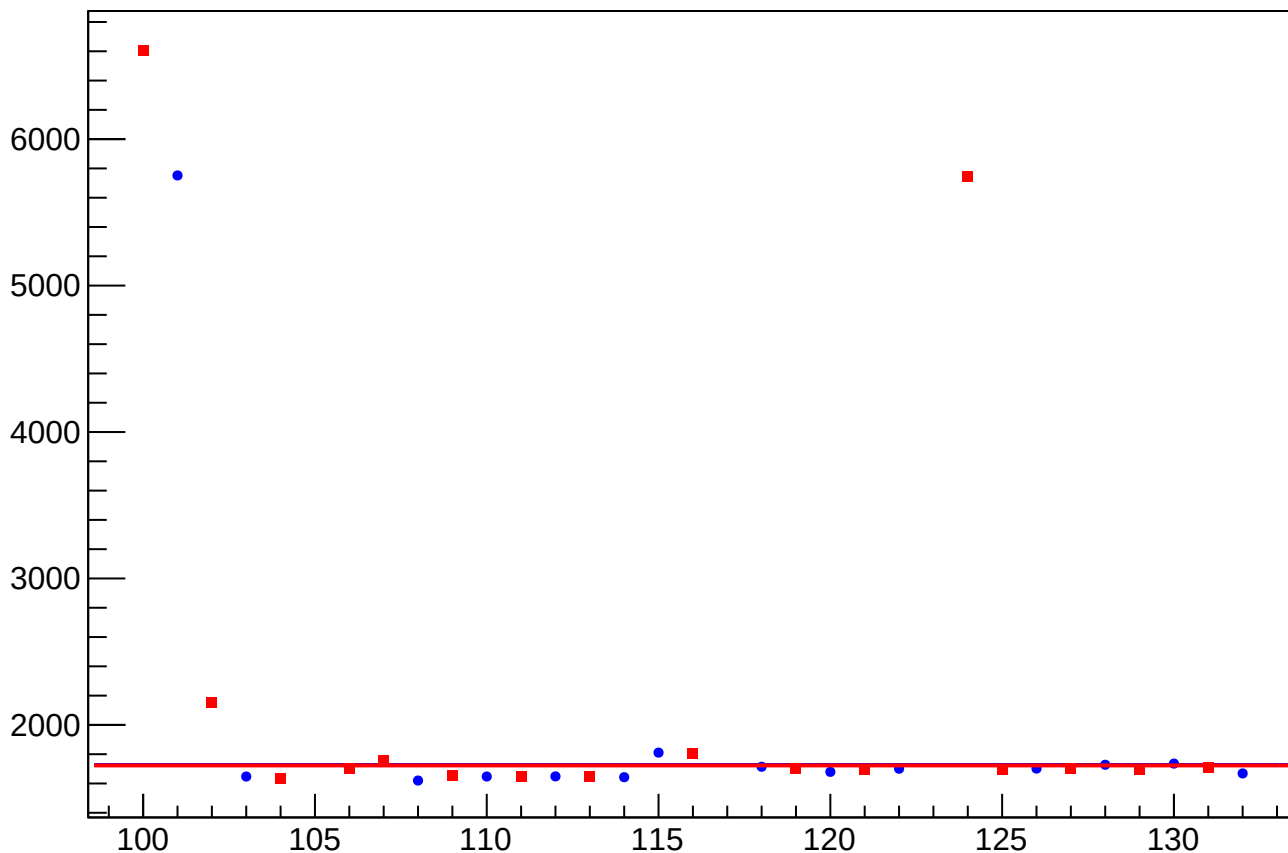
Right: 2221.844+/-507.387 χ^2/NDF : 21.5/29

In: 2056.309+/-728.192 χ^2/NDF : 10.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2221.844+/-507.387 χ^2/NDF : 21.5/29

eigen_cor_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1726.214+/-0.515 χ^2/NDF : 655211.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1723.399+/-0.498 χ^2/NDF : 279545.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

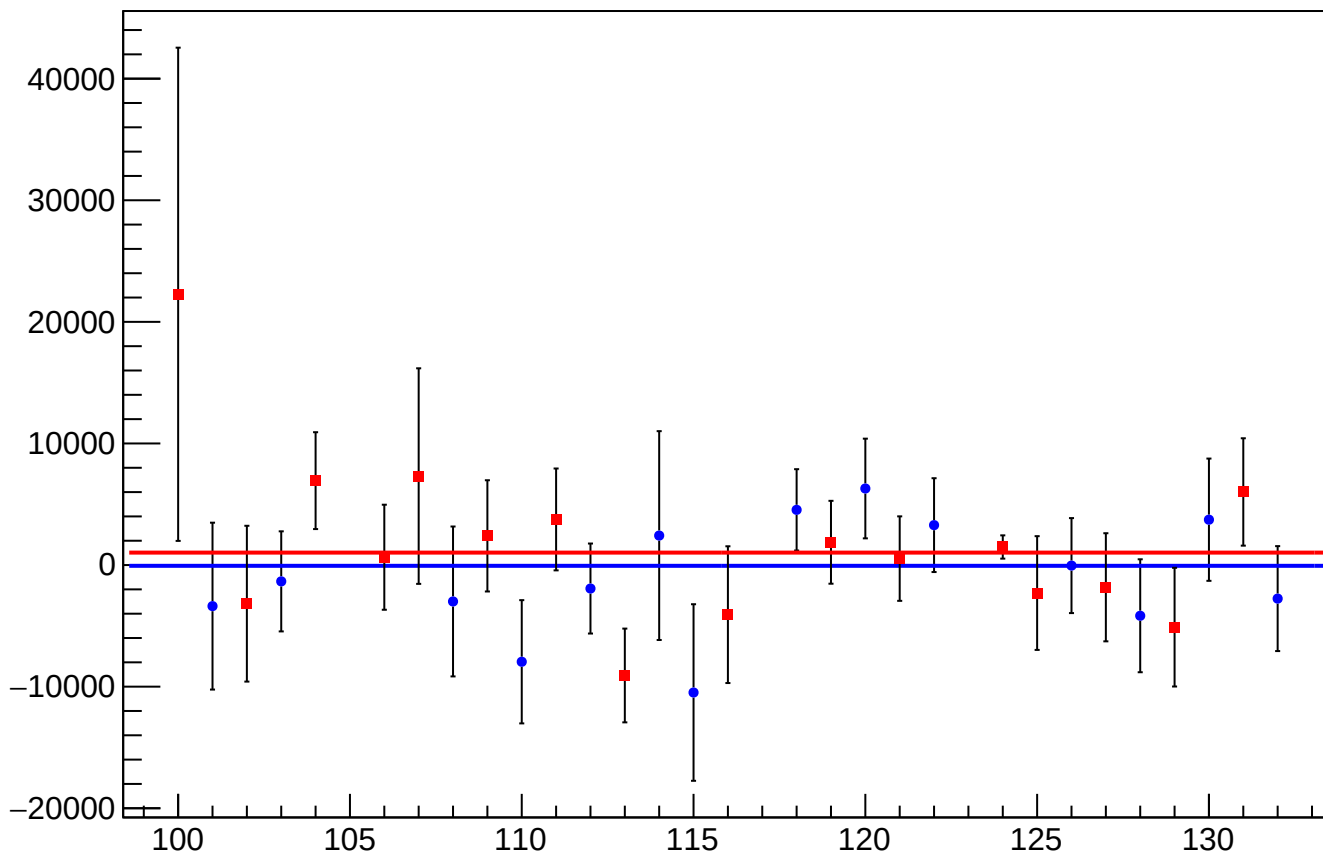
Right: 1724.760+/-0.358 χ^2/NDF : 934772.3/29

In: 1726.214+/-0.515 χ^2/NDF : 655211.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1724.760+/-0.358 χ^2/NDF : 934772.3/29

asym_atr1l2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -62.599 ± 1219.565 χ^2/NDF : 12.2/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1024.149 ± 743.313 χ^2/NDF : 16.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

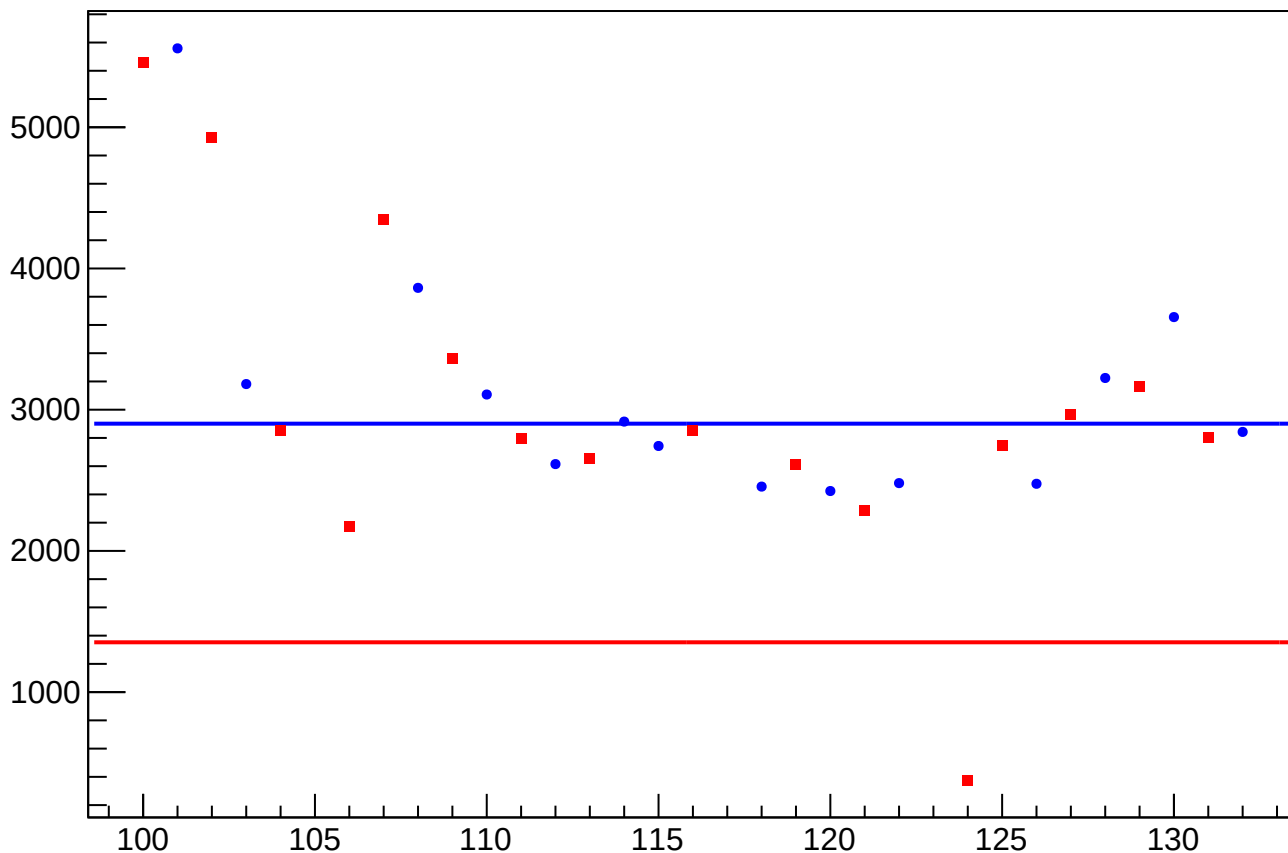
Right: 729.793 ± 634.713 χ^2/NDF : 29.3/29

In: -62.599 ± 1219.565 χ^2/NDF : 12.2/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 729.793 ± 634.713 χ^2/NDF : 29.3/29

asym_atr1l2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2901.043+/-0.862 χ^2/NDF : 539500.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1352.868+/-0.526 χ^2/NDF : 5735897.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

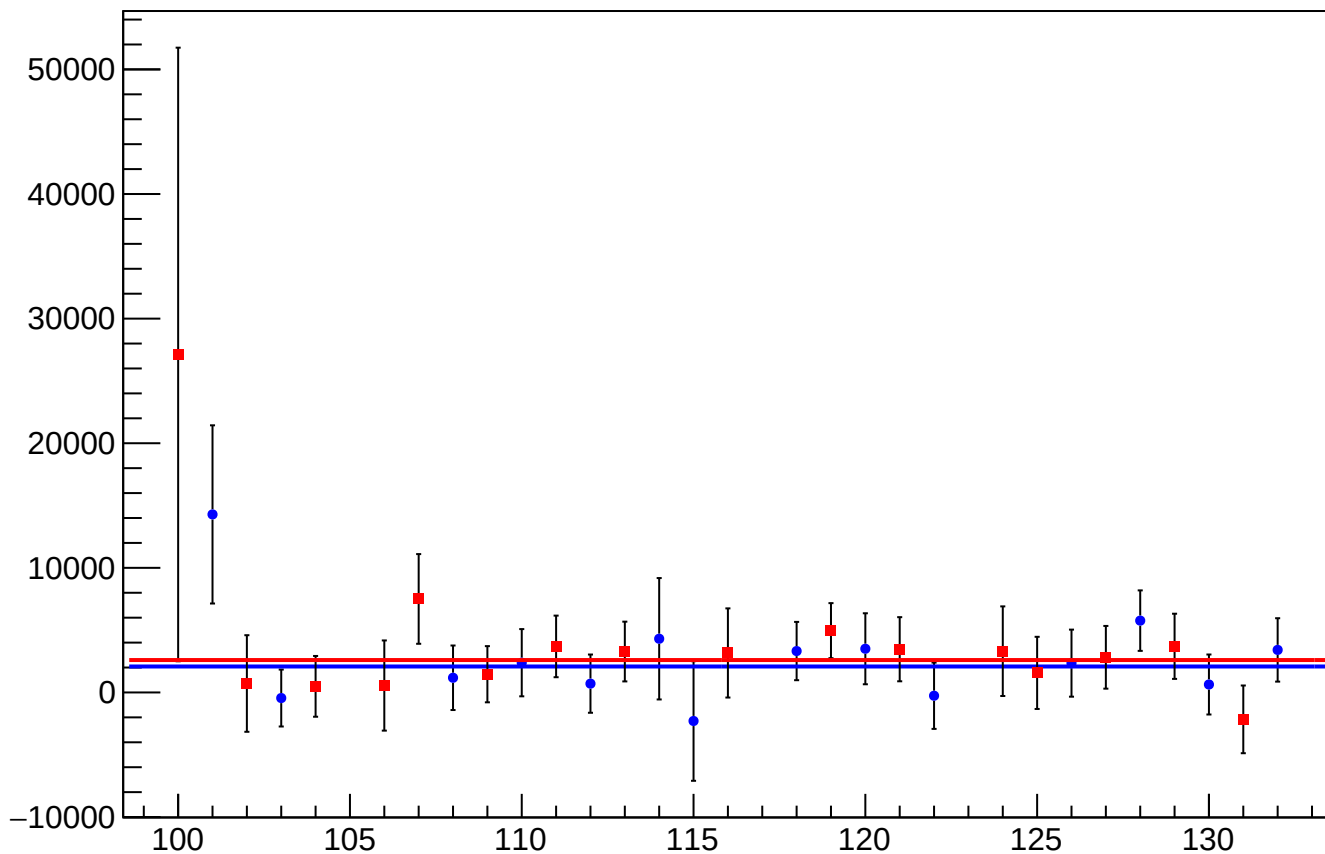
Right: 1772.206+/-0.449 χ^2/NDF : 8625416.4/29

In: 2901.043+/-0.862 χ^2/NDF : 539500.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1772.206+/-0.449 χ^2/NDF : 8625416.4/29

dit_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 2083.251+/-735.487 χ^2/NDF : 9.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2600.302+/-708.026 χ^2/NDF : 9.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

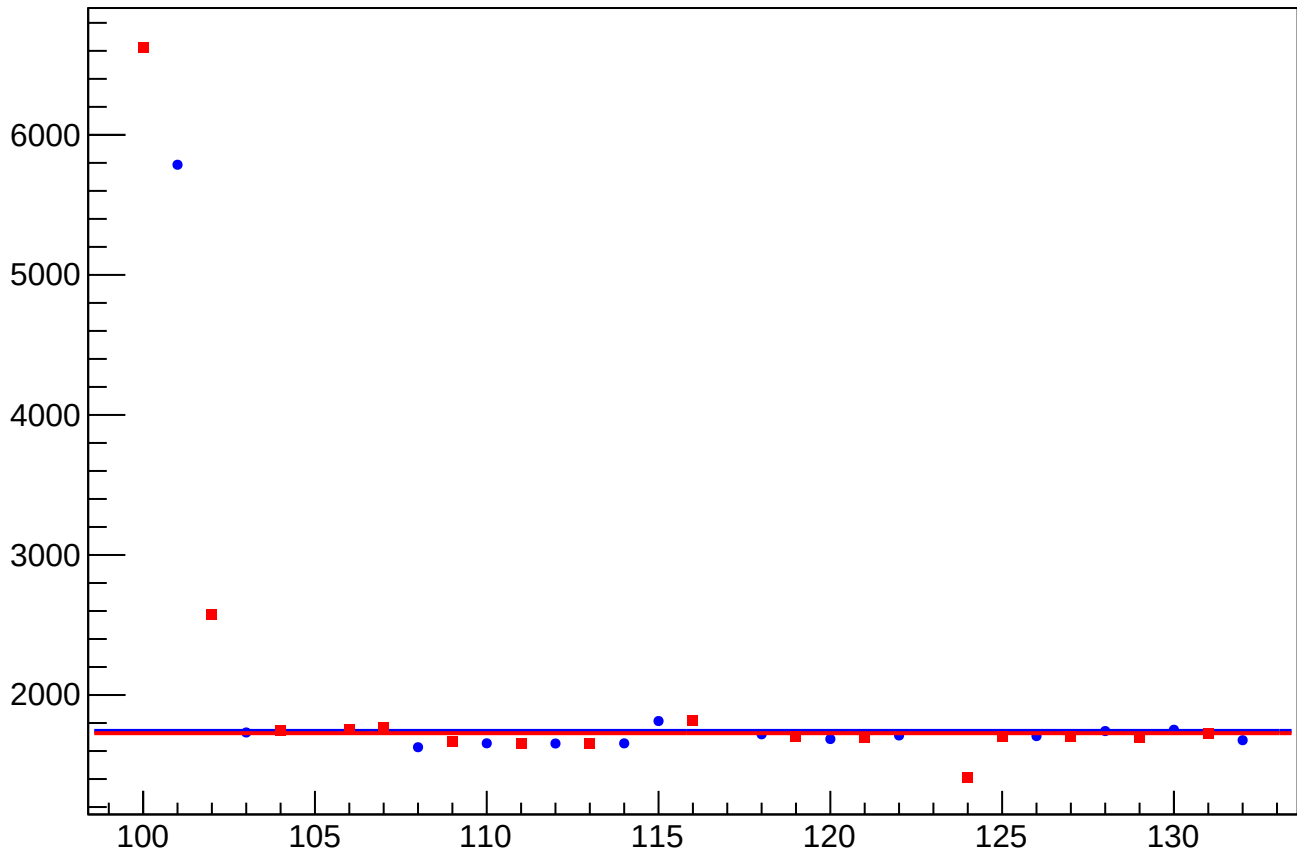
Right: 2351.609+/-510.082 χ^2/NDF : 19.6/29

In: 2083.251+/-735.487 χ^2/NDF : 9.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2351.609+/-510.082 χ^2/NDF : 19.6/29

dit_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1743.609+/-0.520 χ^2/NDF : 652934.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1727.364+/-0.499 χ^2/NDF : 198081.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

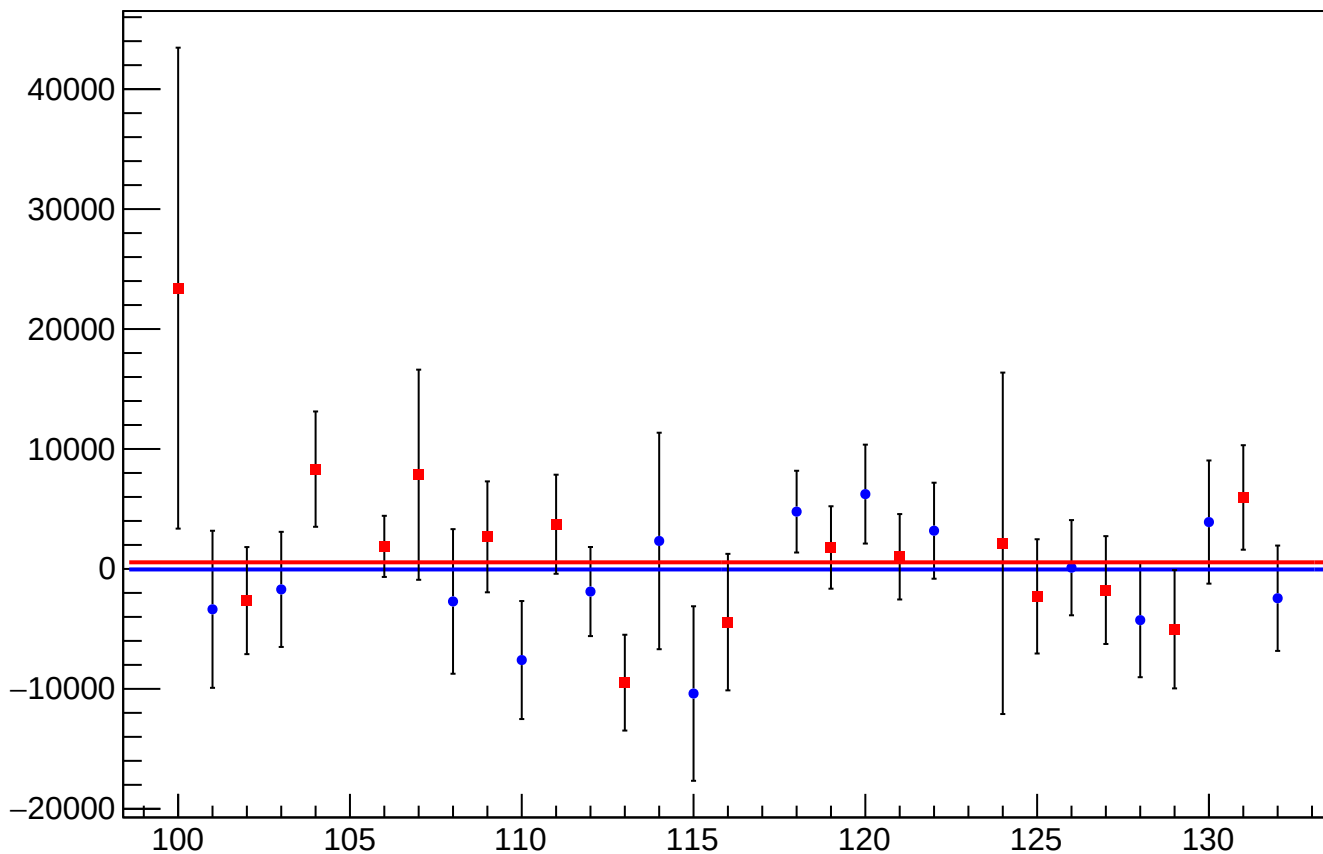
Right: 1735.153+/-0.360 χ^2/NDF : 851524.3/29

In: 1743.609+/-0.520 χ^2/NDF : 652934.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1735.153+/-0.360 χ^2/NDF : 851524.3/29

asym_atr1l2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -44.647 ± 1246.100 $\chi^2/\text{NDF}: 11.9/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 551.235 ± 1105.798 $\chi^2/\text{NDF}: 16.9/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

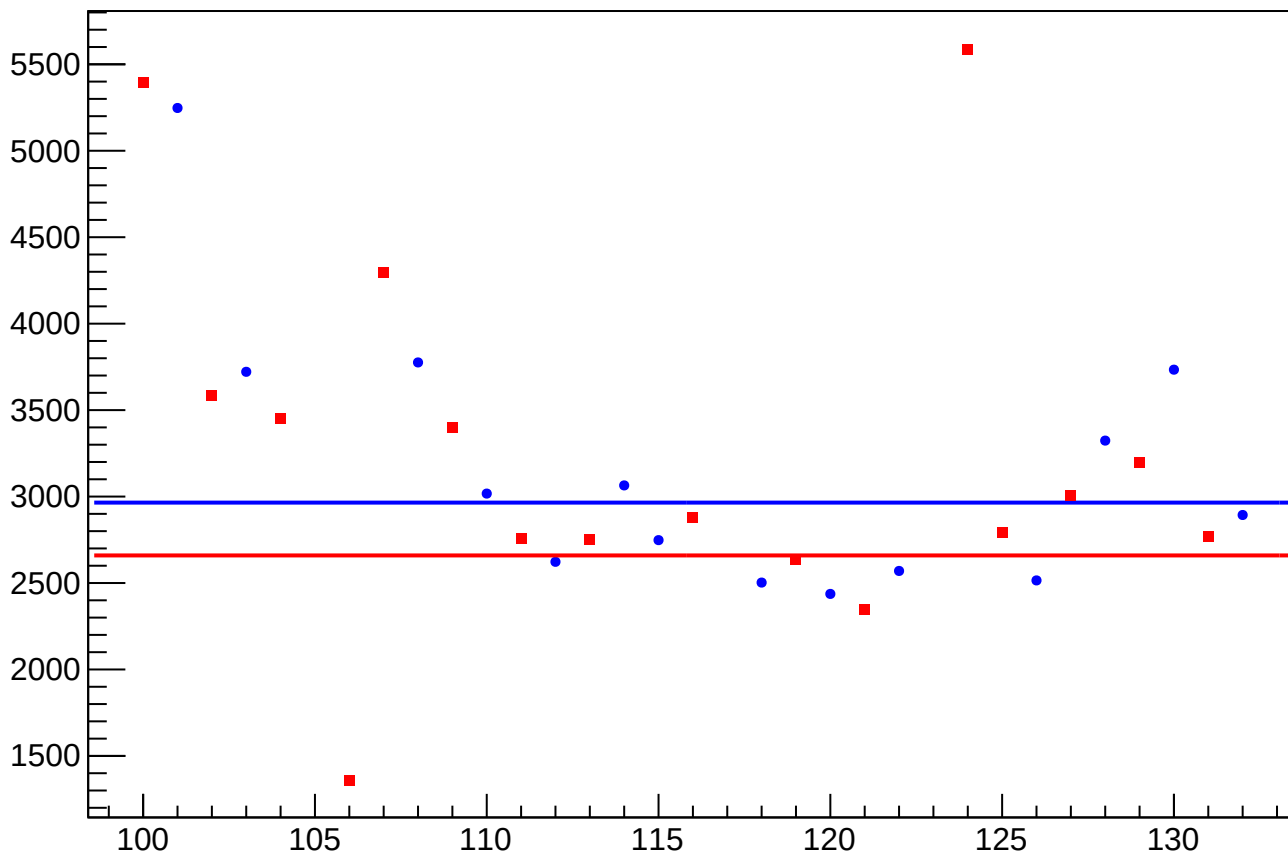
Right: 288.715 ± 827.092 $\chi^2/\text{NDF}: 28.9/29$

In: -44.647 ± 1246.100 $\chi^2/\text{NDF}: 11.9/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 288.715 ± 827.092 $\chi^2/\text{NDF}: 28.9/29$

asym_atr1l2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2965.078+/-0.881 χ^2/NDF : 519691.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2659.556+/-0.782 χ^2/NDF : 964536.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

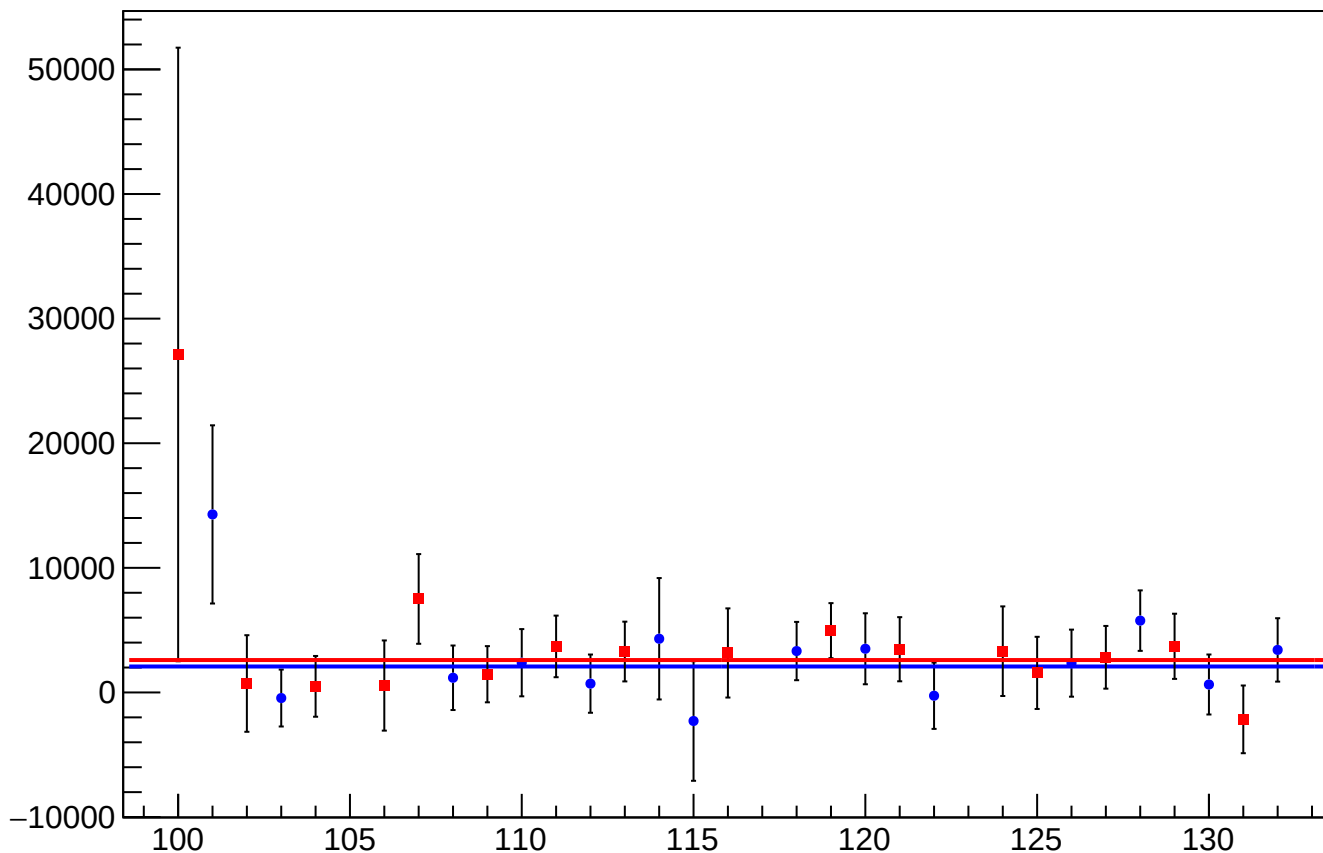
Right: 2794.156+/-0.585 χ^2/NDF : 1551489.5/29

In: 2965.078+/-0.881 χ^2/NDF : 519691.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2794.156+/-0.585 χ^2/NDF : 1551489.5/29

eigen_dit_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 2083.257+/-735.487 χ^2/NDF : 9.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2600.306+/-708.026 χ^2/NDF : 9.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

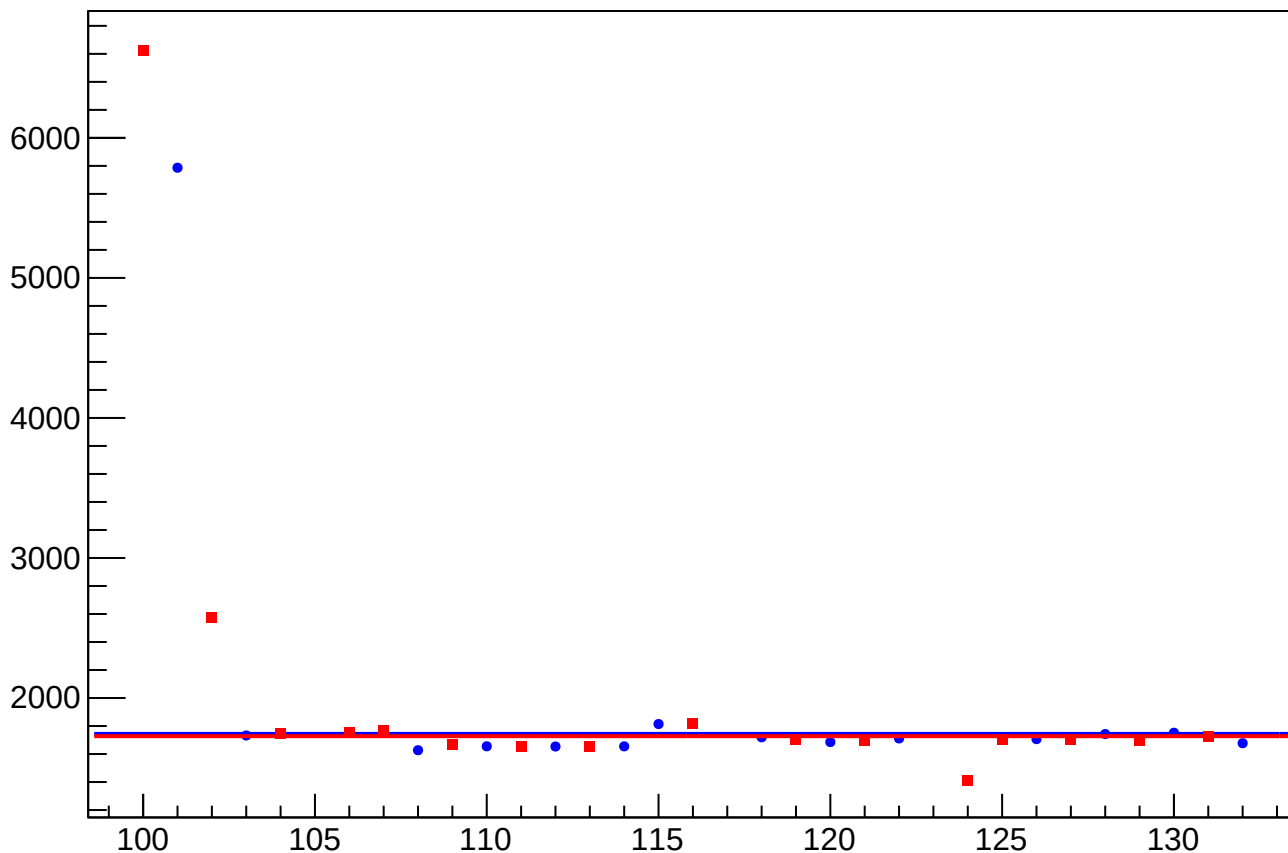
Right: 2351.614+/-510.082 χ^2/NDF : 19.6/29

In: 2083.257+/-735.487 χ^2/NDF : 9.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2351.614+/-510.082 χ^2/NDF : 19.6/29

eigen_dit_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1743.609+/-0.520 χ^2/NDF : 652934.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1727.364+/-0.499 χ^2/NDF : 198081.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

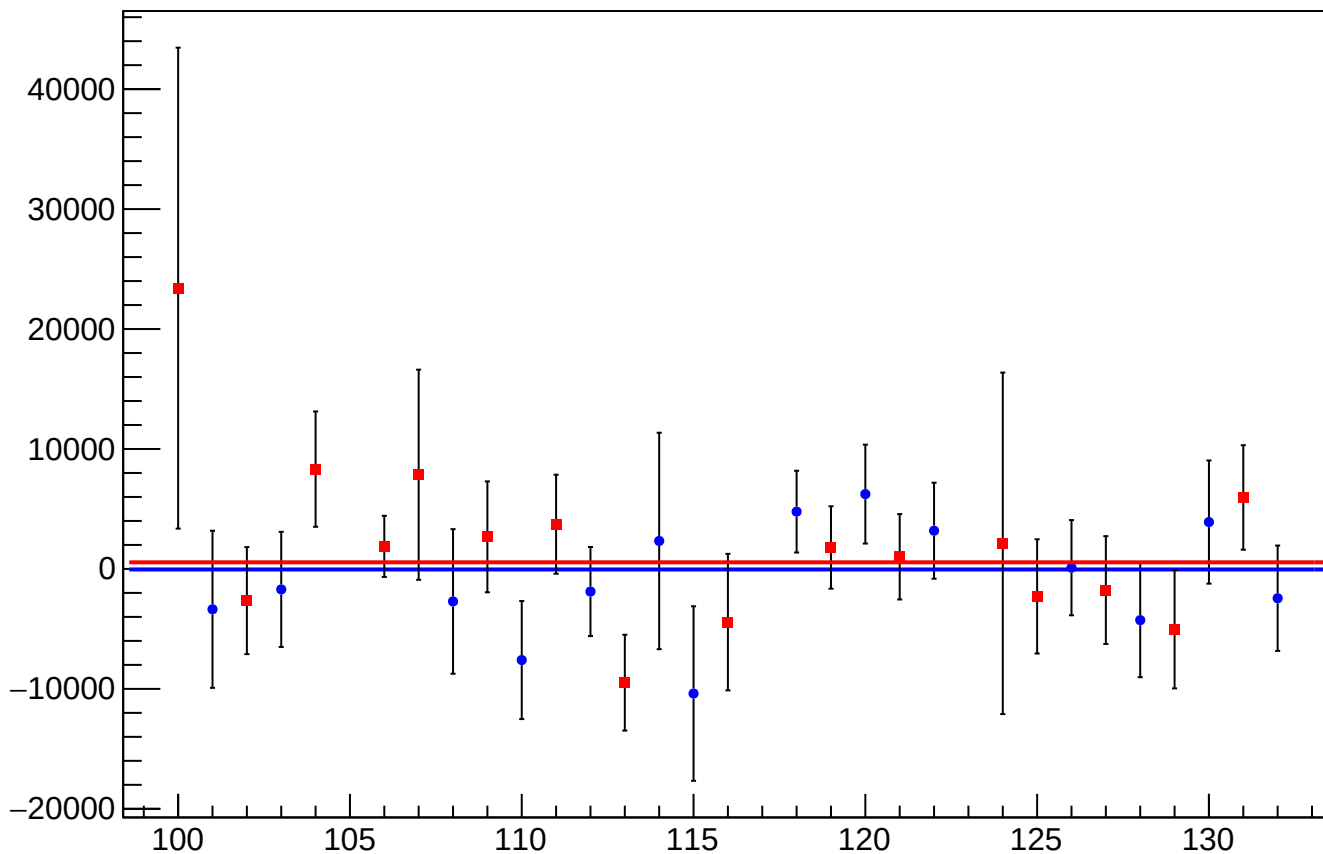
Right: 1735.152+/-0.360 χ^2/NDF : 851524.1/29

In: 1743.609+/-0.520 χ^2/NDF : 652934.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1735.152+/-0.360 χ^2/NDF : 851524.1/29

asym_atr1l2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -44.644 ± 1246.095 $\chi^2/\text{NDF}: 11.9/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 551.237 ± 1105.793 $\chi^2/\text{NDF}: 16.9/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

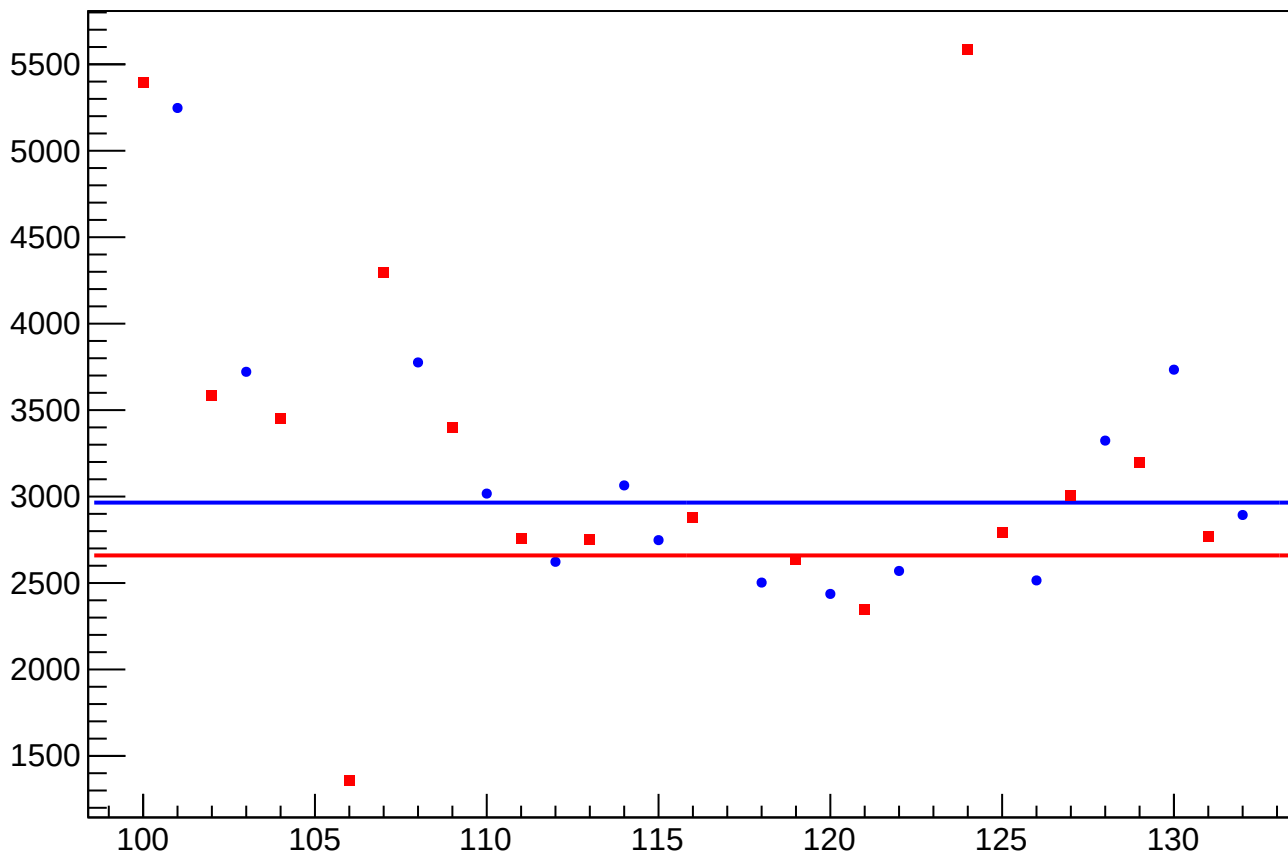
Right: 288.718 ± 827.089 $\chi^2/\text{NDF}: 28.9/29$

In: -44.644 ± 1246.095 $\chi^2/\text{NDF}: 11.9/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 288.718 ± 827.089 $\chi^2/\text{NDF}: 28.9/29$

asym_atr1l2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2965.067+/-0.881 χ^2/NDF : 519695.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2659.543+/-0.782 χ^2/NDF : 964551.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

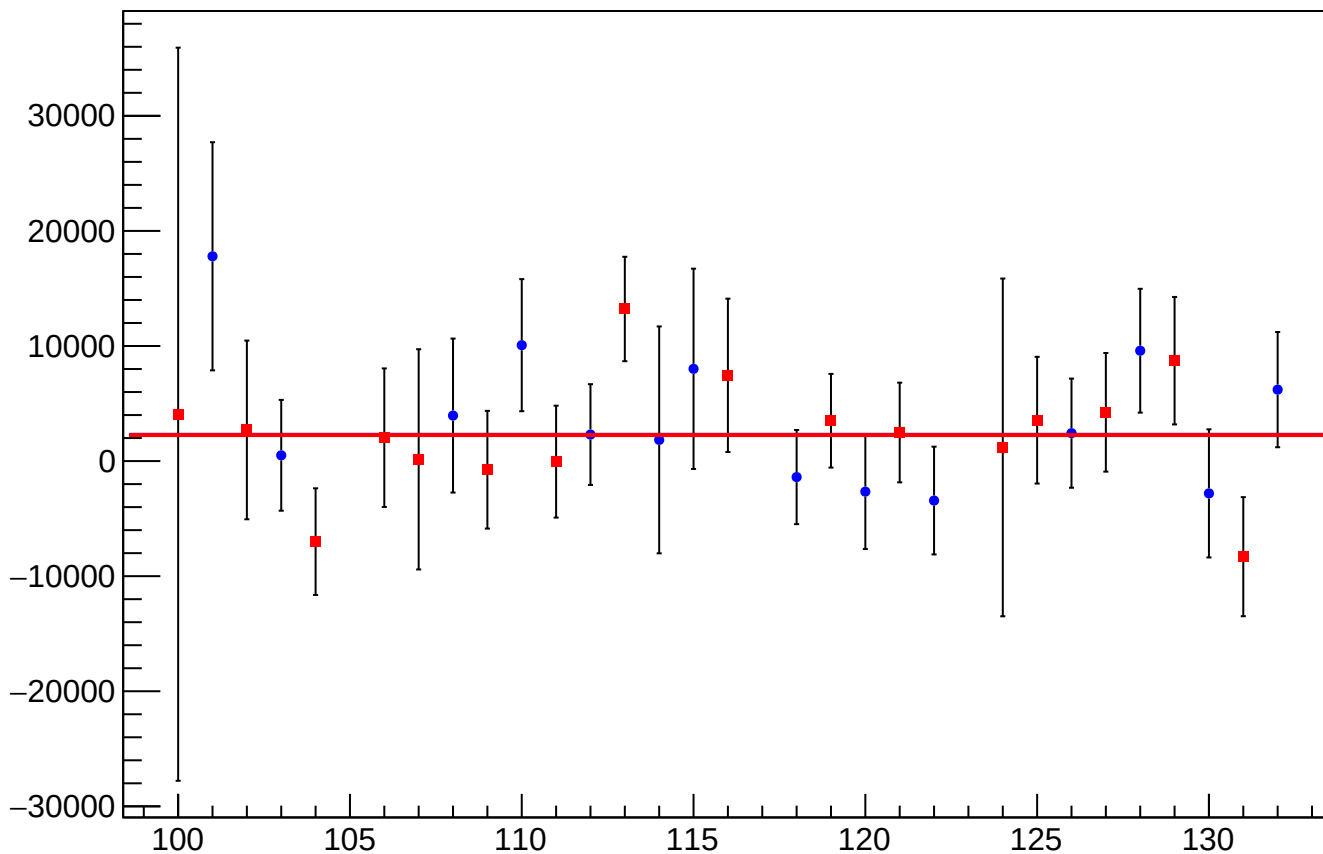
Right: 2794.144+/-0.585 χ^2/NDF : 1551509.7/29

In: 2965.067+/-0.881 χ^2/NDF : 519695.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2794.144+/-0.585 χ^2/NDF : 1551509.7/29

asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 2282.441+/-1445.689 χ^2/NDF : 11.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2261.037+/-1396.021 χ^2/NDF : 16.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

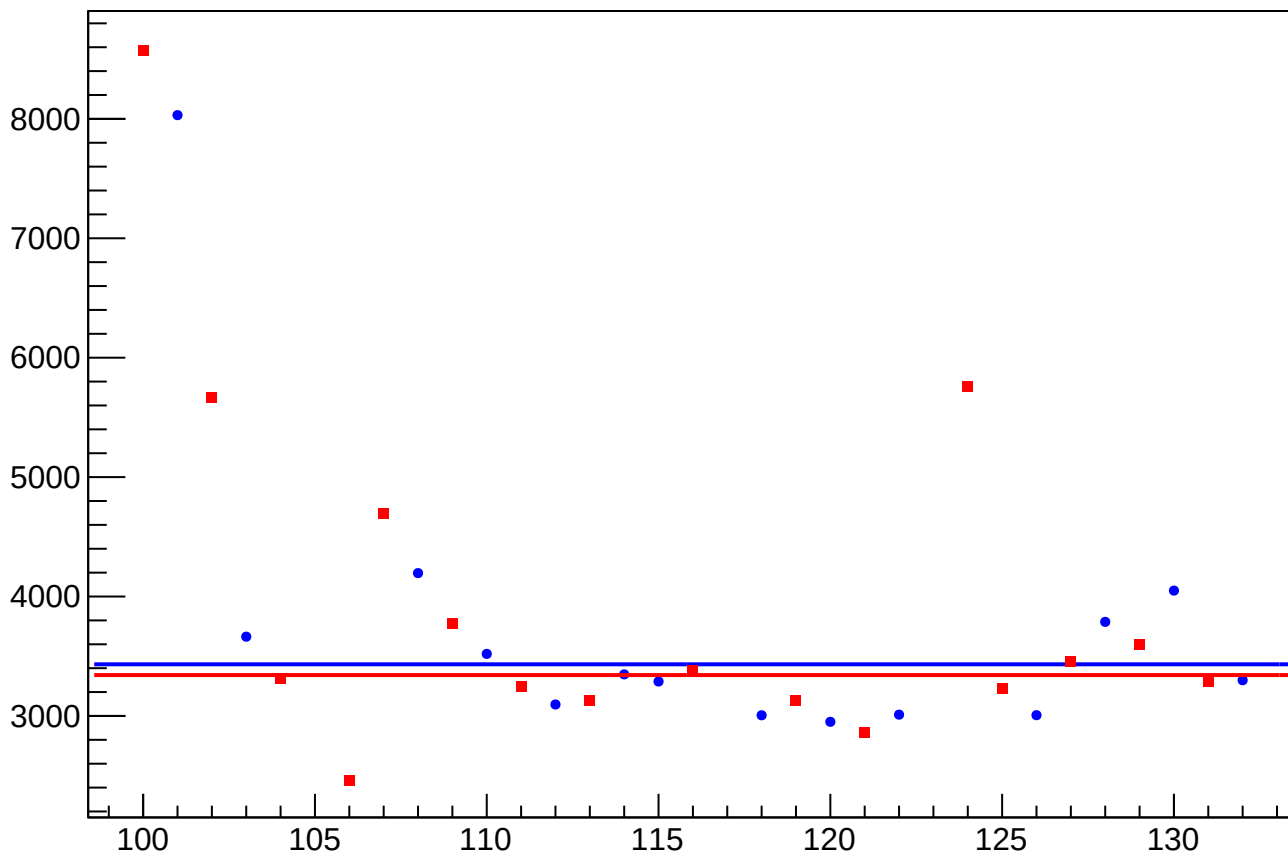
Right: 2271.365+/-1004.236 χ^2/NDF : 28.4/29

In: 2282.441+/-1445.689 χ^2/NDF : 11.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2271.365+/-1004.236 χ^2/NDF : 28.4/29

asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 3432.350+/-1.022 χ^2/NDF : 581704.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3342.264+/-0.971 χ^2/NDF : 452949.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

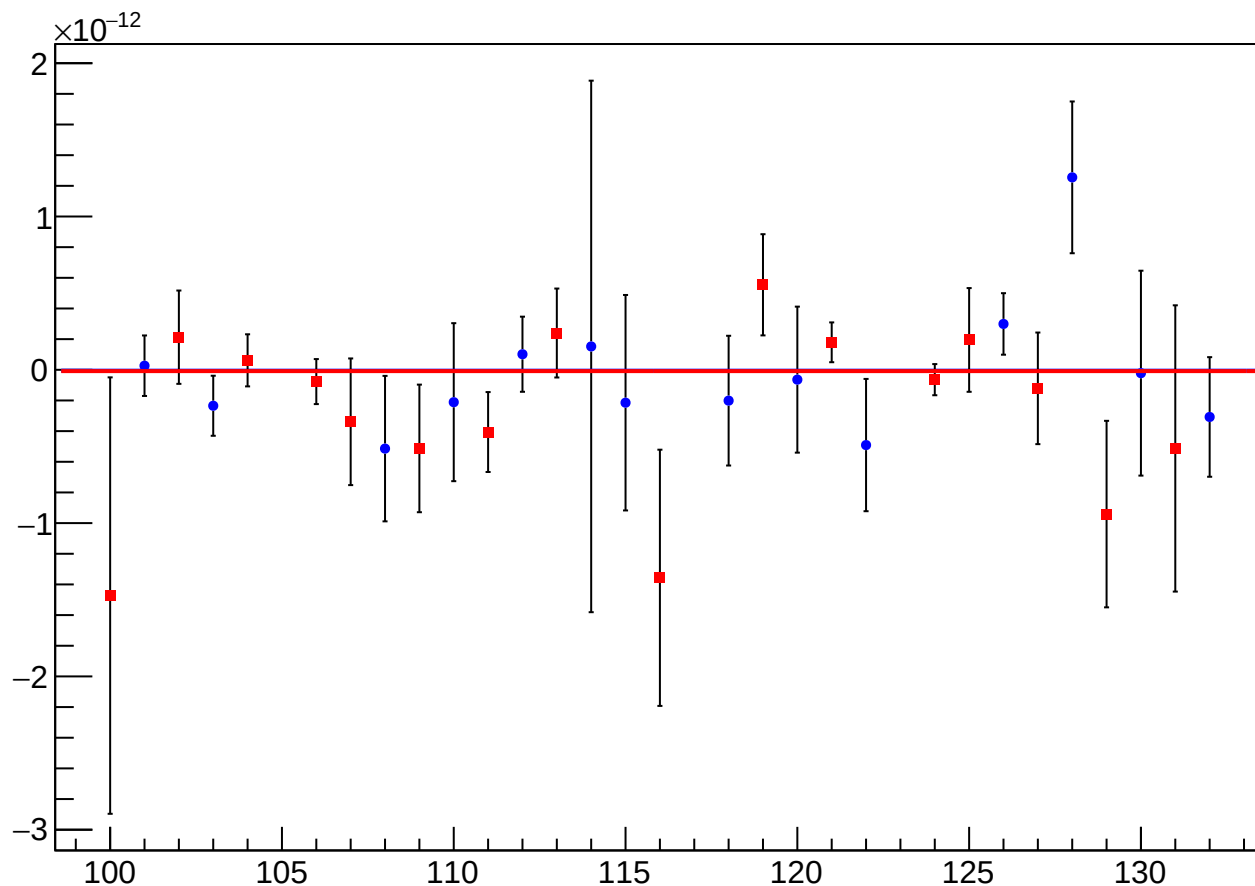
Right: 3384.979+/-0.704 χ^2/NDF : 1038738.5/29

In: 3432.350+/-1.022 χ^2/NDF : 581704.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3384.979+/-0.704 χ^2/NDF : 1038738.5/29

asym_atr1l2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 13.9/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 18.1/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

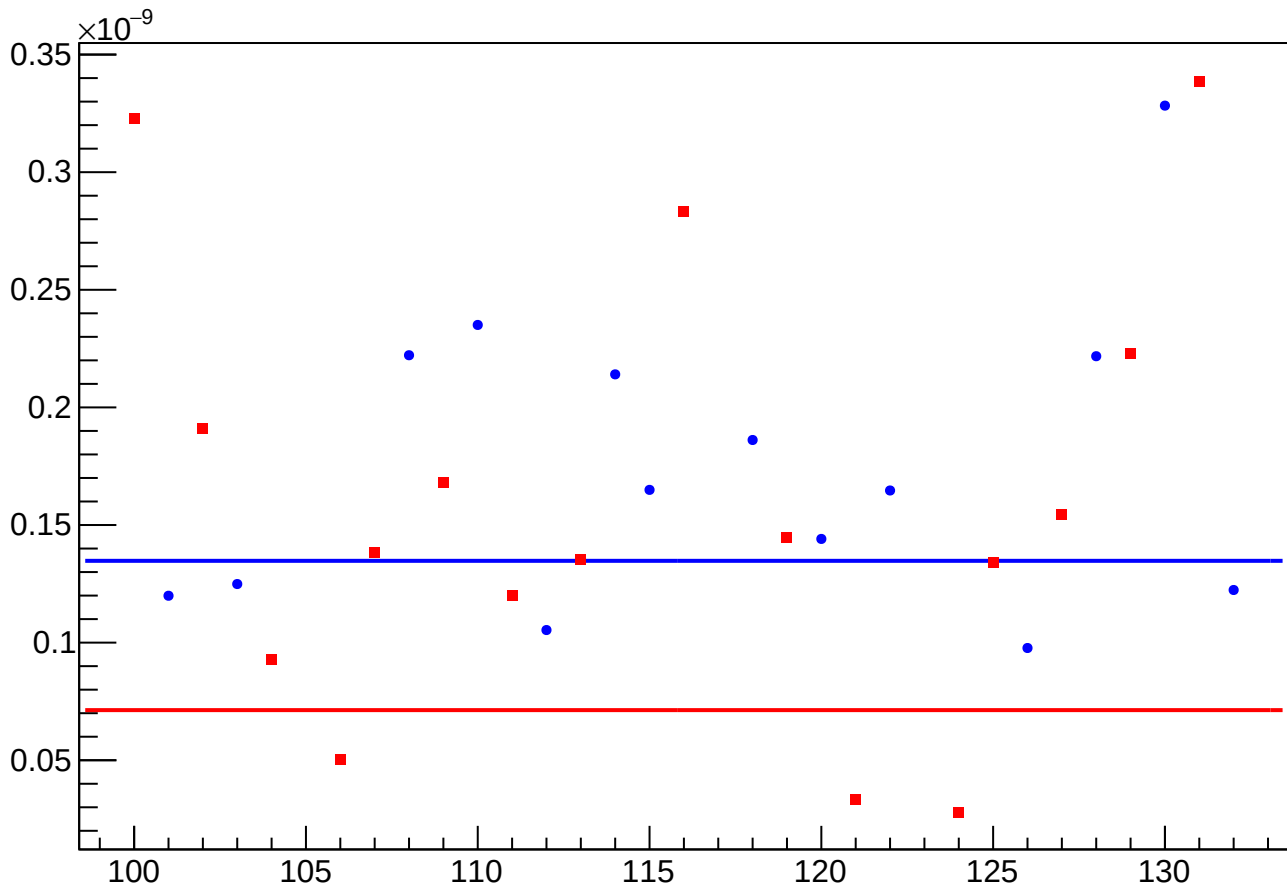
Right: -0.000+/-0.000 χ^2 /NDF: 32.0/29

In: -0.000+/-0.000 χ^2 /NDF:13.9/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 32.0/29

asym_atr1l2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 536316.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2004074.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

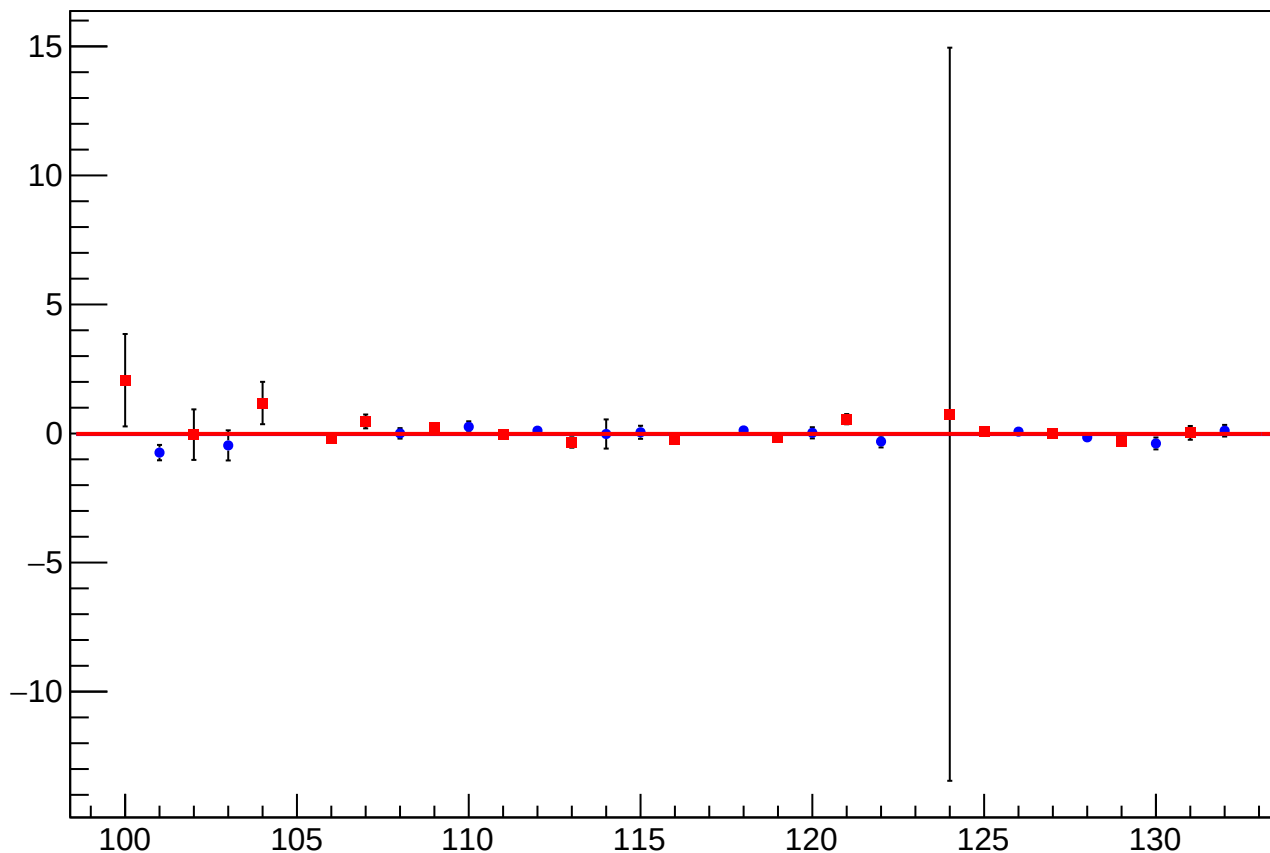
Right: 0.000+/-0.000 χ^2/NDF : 3291789.0/29

In: 0.000+/-0.000 χ^2/NDF : 536316.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3291789.0/29

asym_atr1l2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 ± 0.058 χ^2/NDF : 14.8/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.015 ± 0.053 χ^2/NDF : 26.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

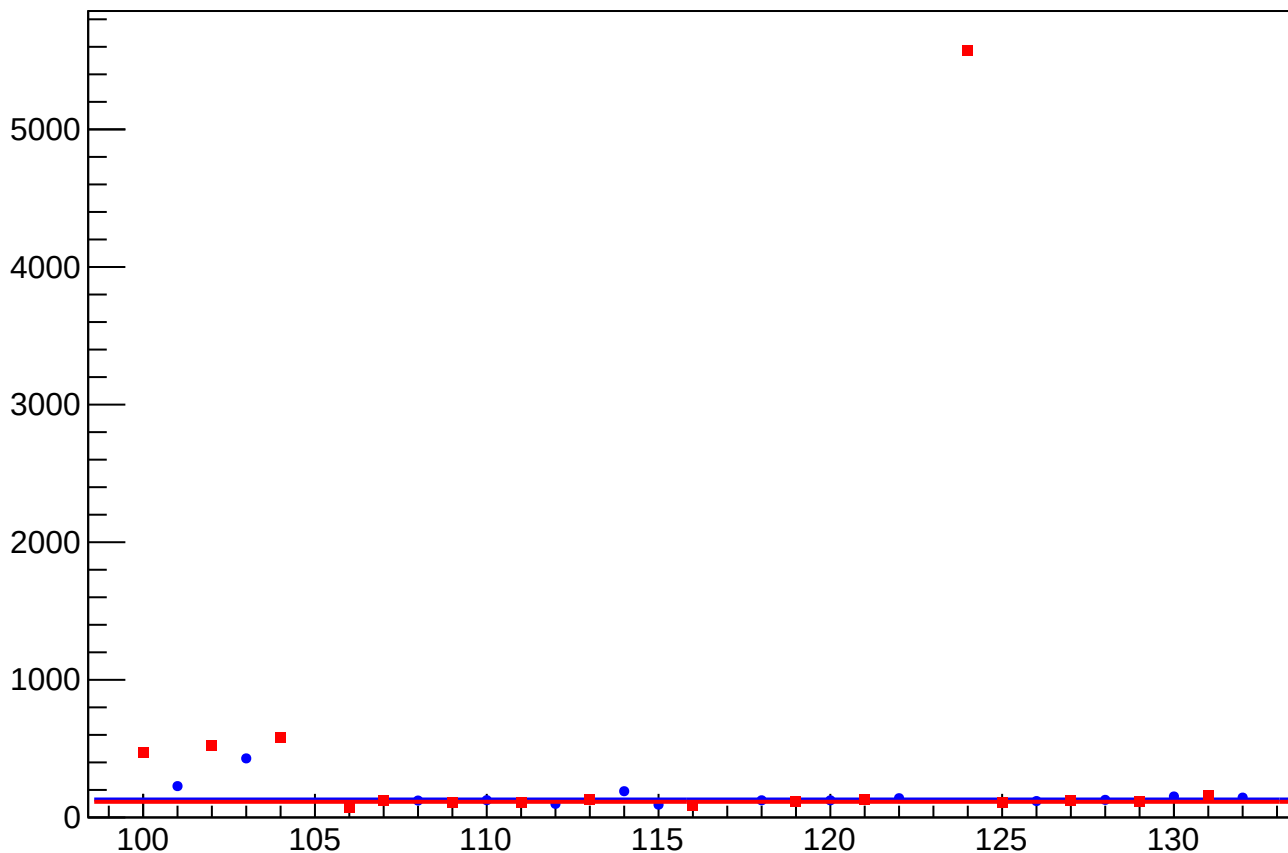
Right: -0.018 ± 0.039 χ^2/NDF : 41.3/29

In: -0.021 ± 0.058 χ^2/NDF : 14.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.018 ± 0.039 χ^2/NDF : 41.3/29

asym_atr1l2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.432+/-0.041 χ^2/NDF : 939366.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 113.745+/-0.037 χ^2/NDF : 1671048.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

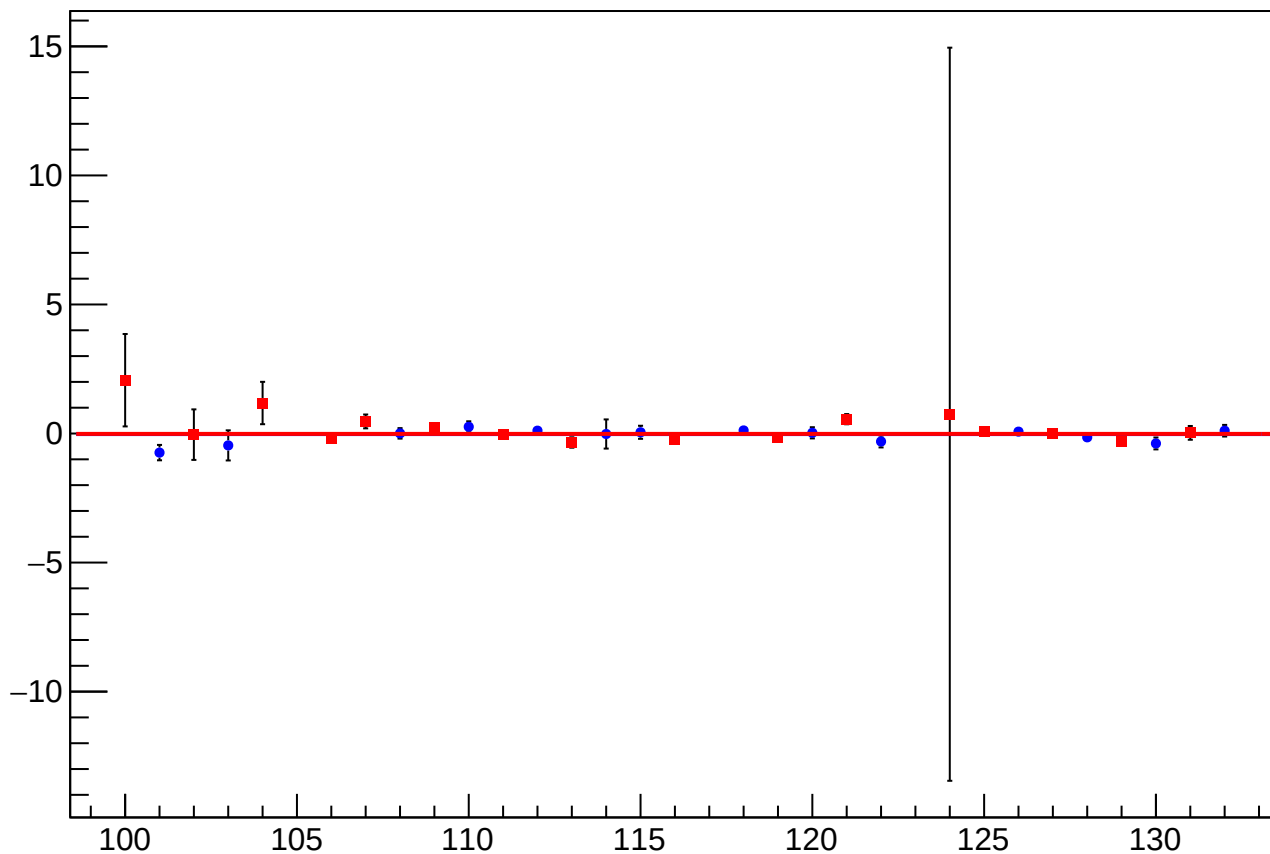
Right: 121.214+/-0.028 χ^2/NDF : 2700457.3/29

In: 130.432+/-0.041 χ^2/NDF :939366.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 121.214+/-0.028 χ^2/NDF : 2700457.3/29

asym_atr1l2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 ± 0.058 χ^2/NDF : 14.8/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.015 ± 0.053 χ^2/NDF : 26.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

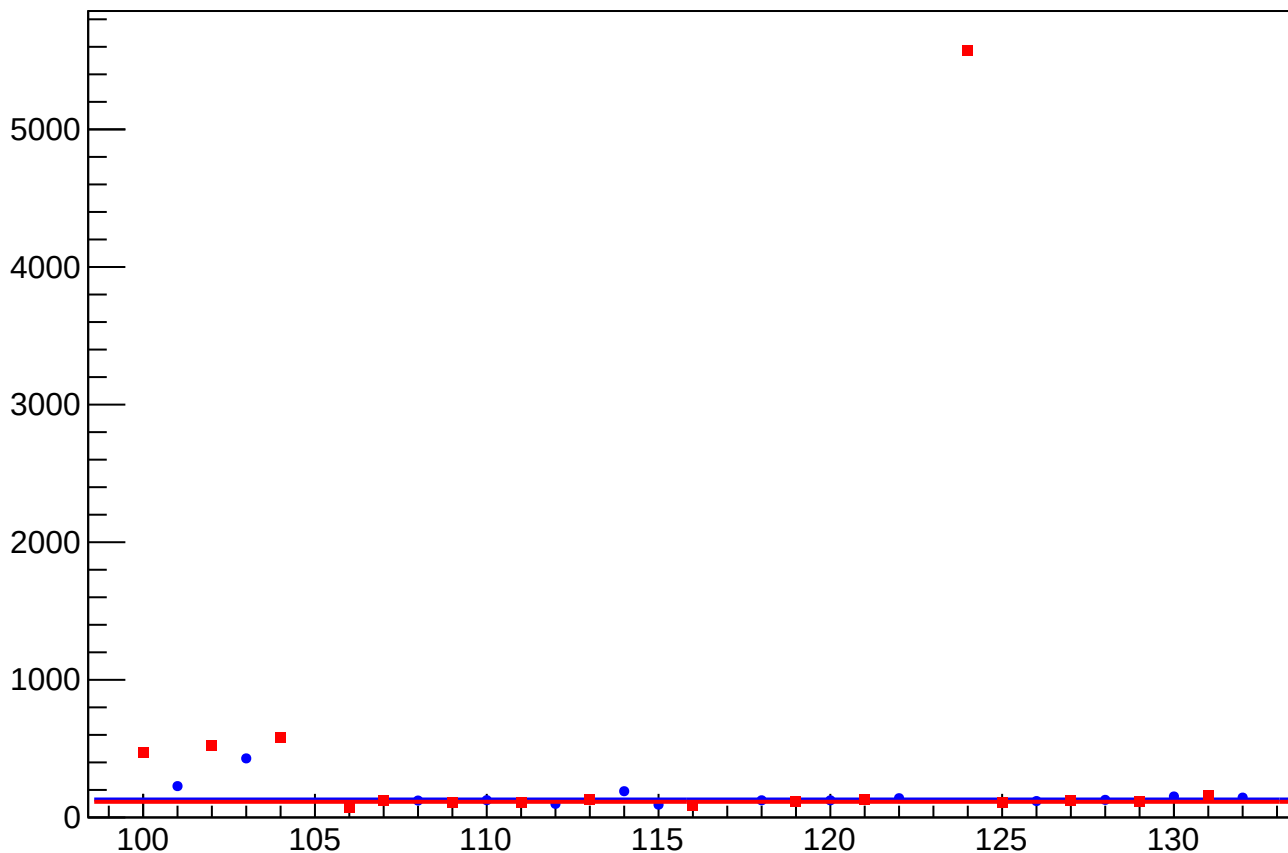
Right: -0.018 ± 0.039 χ^2/NDF : 41.3/29

In: -0.021 ± 0.058 χ^2/NDF : 14.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.018 ± 0.039 χ^2/NDF : 41.3/29

asym_atr1l2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.432+/-0.041 χ^2/NDF : 939366.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 113.745+/-0.037 χ^2/NDF : 1671048.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

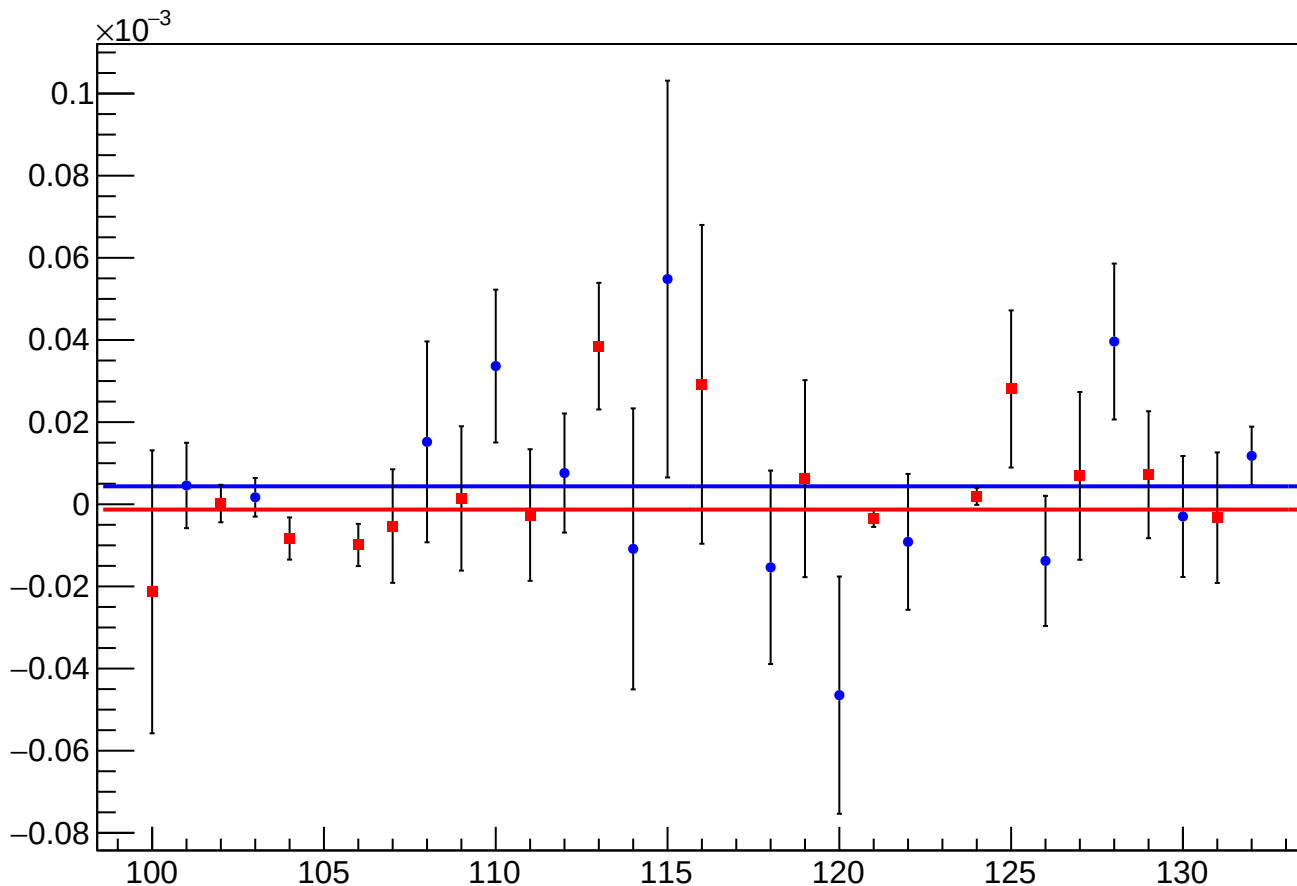
Right: 121.214+/-0.028 χ^2/NDF : 2700457.3/29

In: 130.432+/-0.041 χ^2/NDF :939366.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 121.214+/-0.028 χ^2/NDF : 2700457.3/29

asym_atr1l2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 19.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

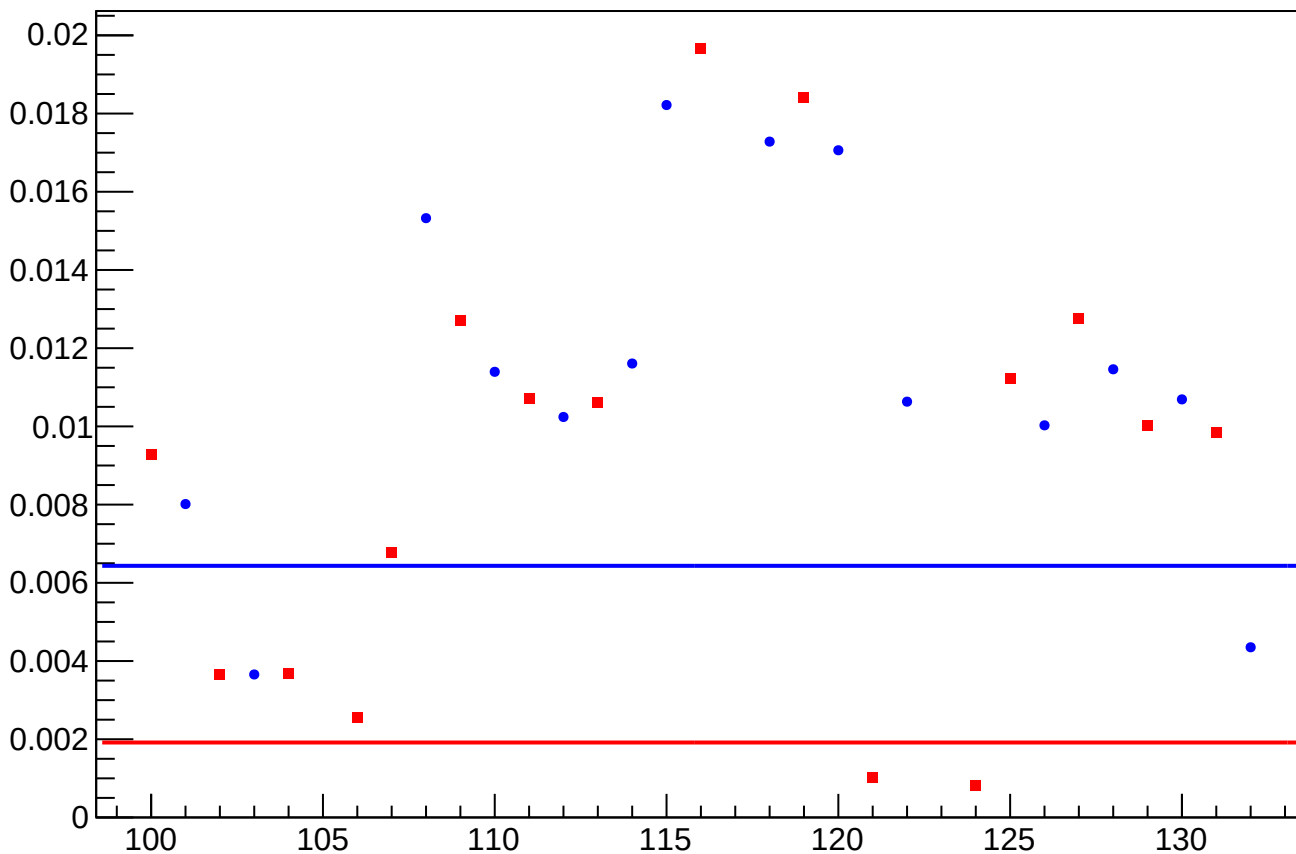
Right: -0.000+/-0.000 χ^2/NDF : 36.7/29

In: 0.000+/-0.000 χ^2/NDF : 14.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 36.7/29

asym_atr1l2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 2859477.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 7293250.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

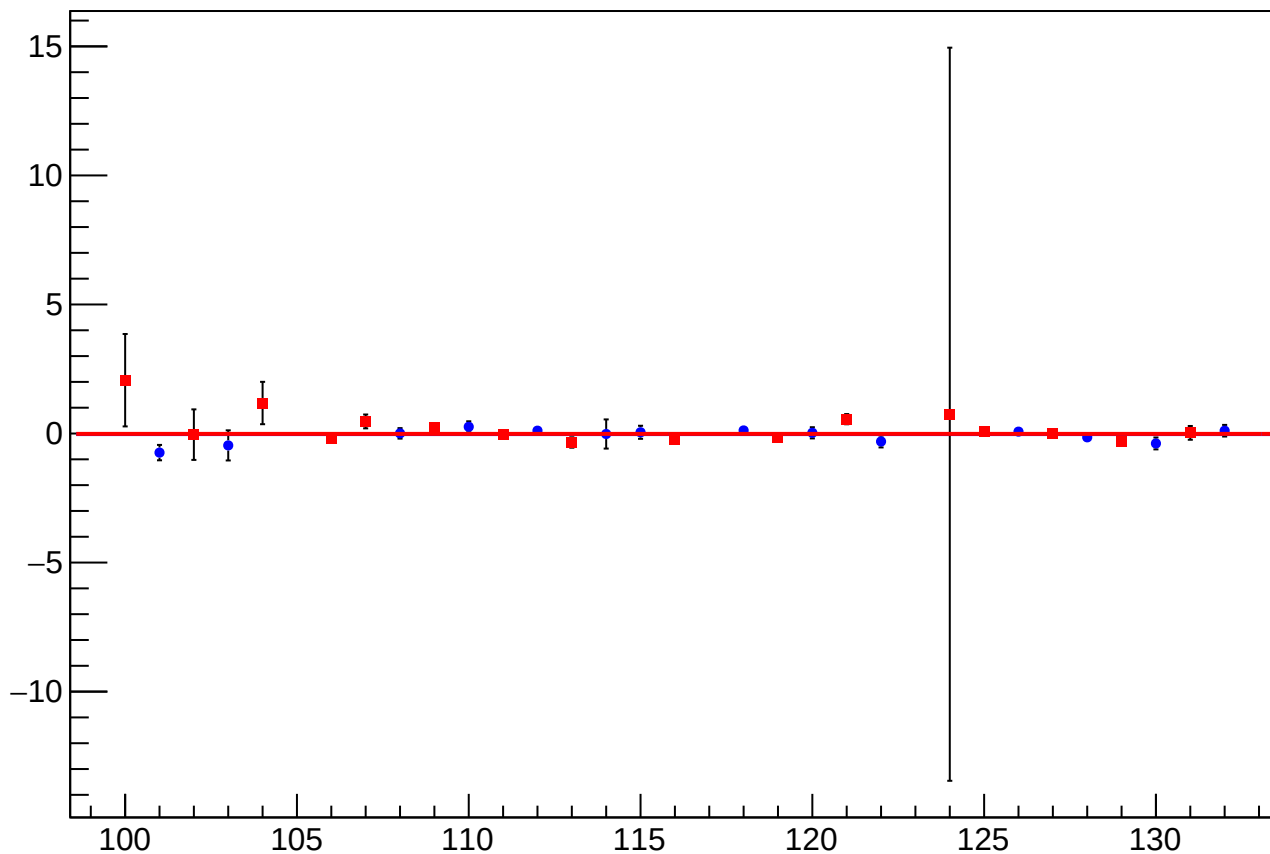
Right: 0.003+/-0.000 χ^2/NDF : 13761583.9/29

In: 0.006+/-0.000 χ^2/NDF :2859477.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 13761583.9/29

asym_atr1l2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 ± 0.058 χ^2/NDF : 14.8/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.015 ± 0.053 χ^2/NDF : 26.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

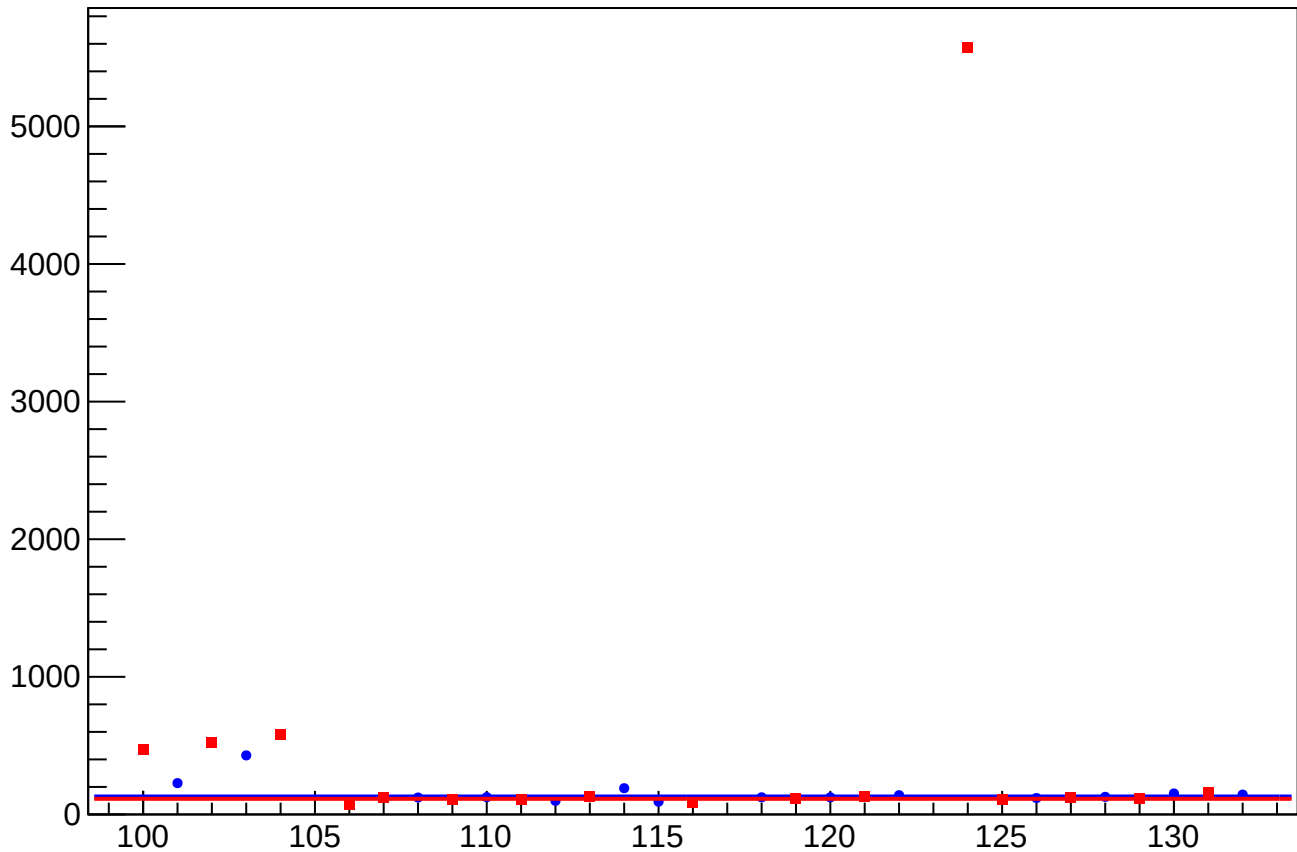
Right: -0.018 ± 0.039 χ^2/NDF : 41.3/29

In: -0.021 ± 0.058 χ^2/NDF : 14.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.018 ± 0.039 χ^2/NDF : 41.3/29

asym_atr1l2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.433+/-0.041 χ^2/NDF : 939304.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 113.745+/-0.037 χ^2/NDF : 1670994.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

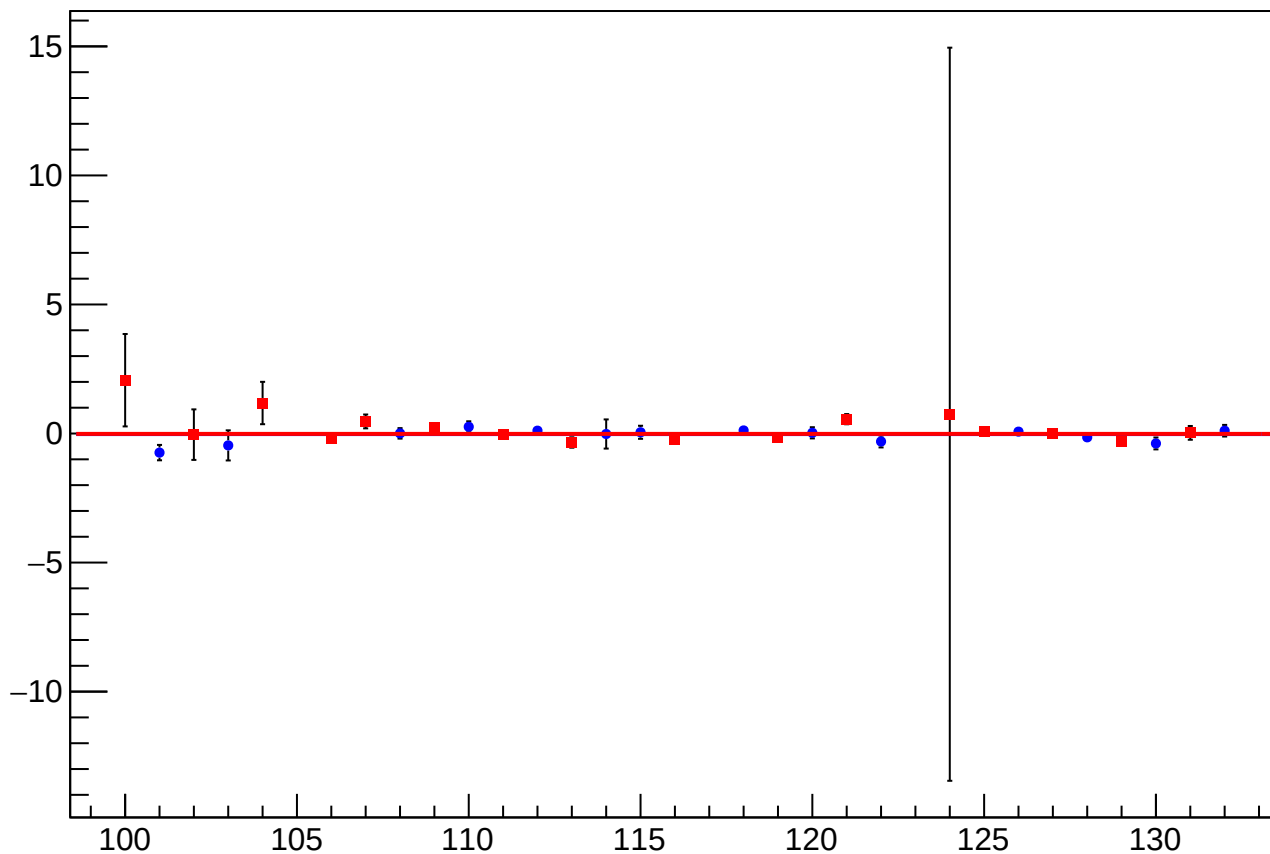
Right: 121.215+/-0.028 χ^2/NDF : 2700350.1/29

In: 130.433+/-0.041 χ^2/NDF :939304.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 121.215+/-0.028 χ^2/NDF : 2700350.1/29

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 ± 0.058 χ^2/NDF : 14.8/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.015 ± 0.053 χ^2/NDF : 26.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

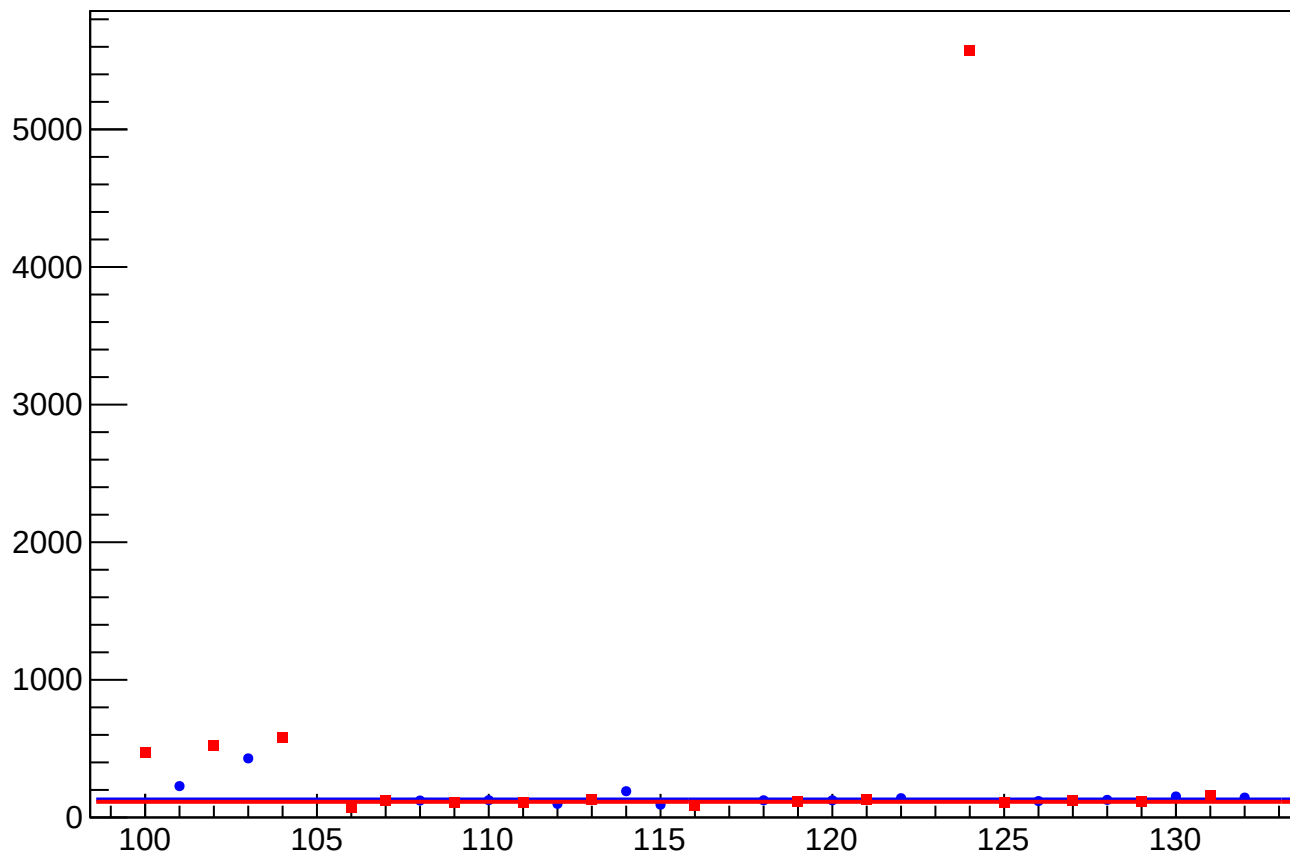
Right: -0.018 ± 0.039 χ^2/NDF : 41.3/29

In: -0.021 ± 0.058 χ^2/NDF : 14.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.018 ± 0.039 χ^2/NDF : 41.3/29

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.433+/-0.041 χ^2/NDF : 939304.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.745+/-0.037 χ^2/NDF : 1670994.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

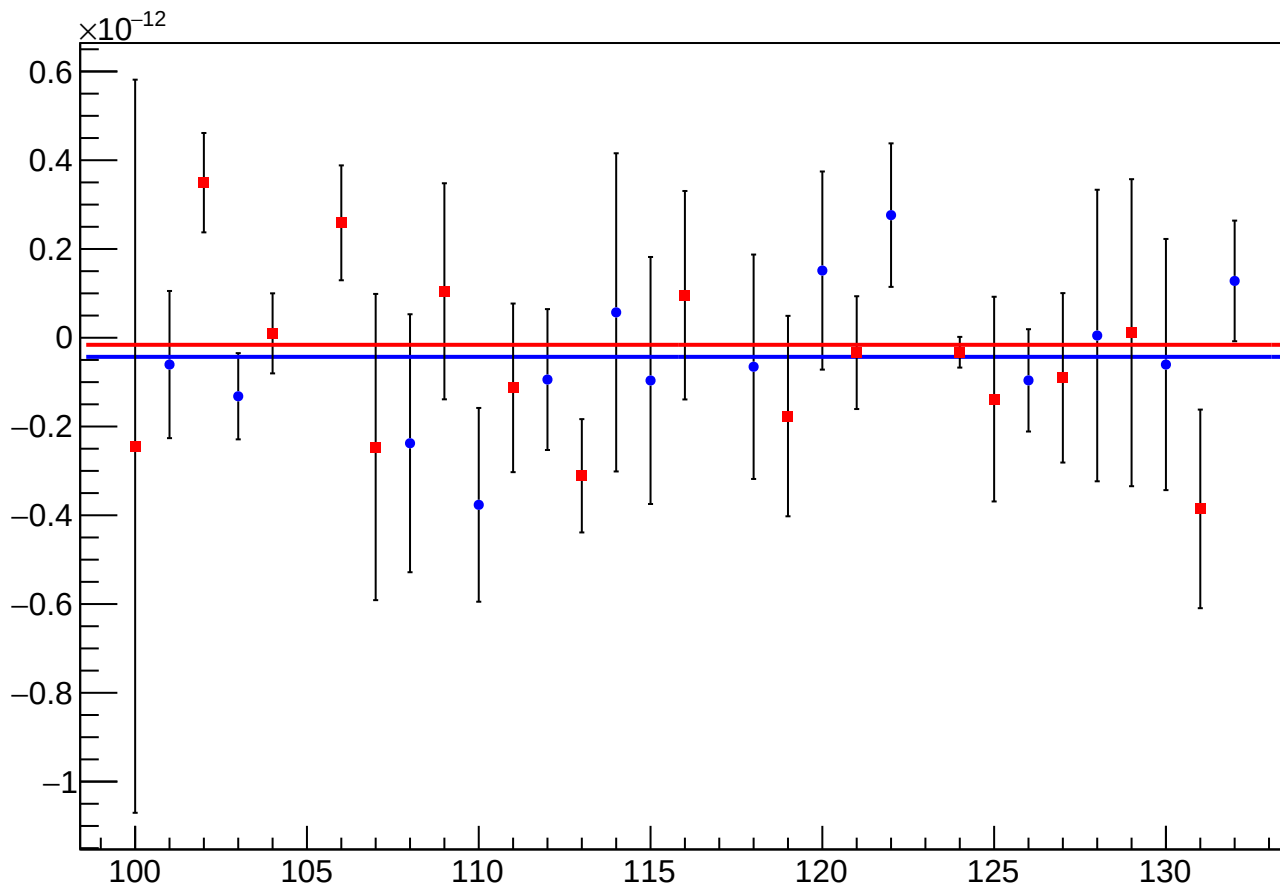
Right: 121.215+/-0.028 χ^2/NDF : 2700350.1/29

In: 130.433+/-0.041 χ^2/NDF : 939304.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.215+/-0.028 χ^2/NDF : 2700350.1/29

asym_atr1l2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 10.3/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 25.8/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

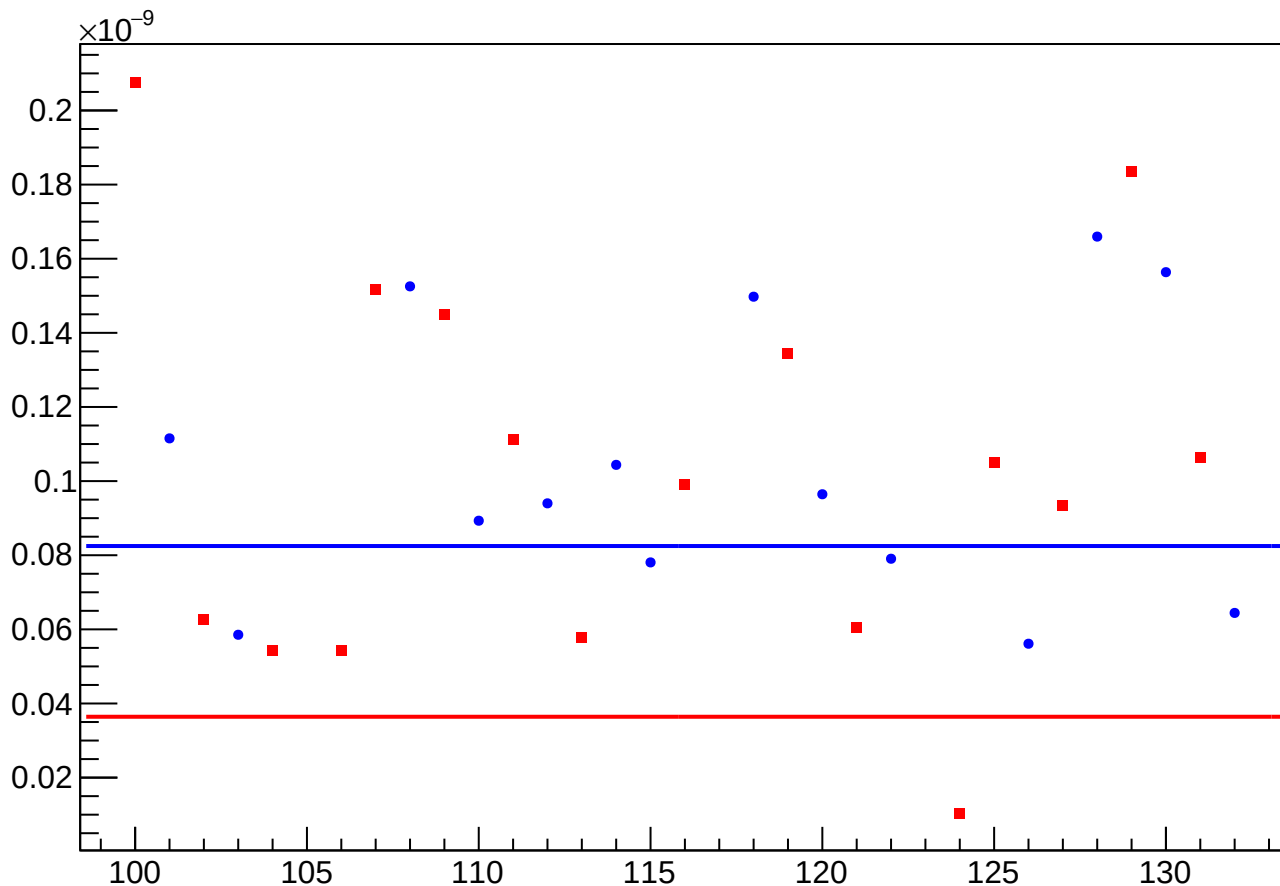
Right: -0.000 ± 0.000 χ^2/NDF : 36.4/29

In: -0.000 ± 0.000 χ^2/NDF : 10.3/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 36.4/29

asym_atr1l2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 875316.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3951234.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

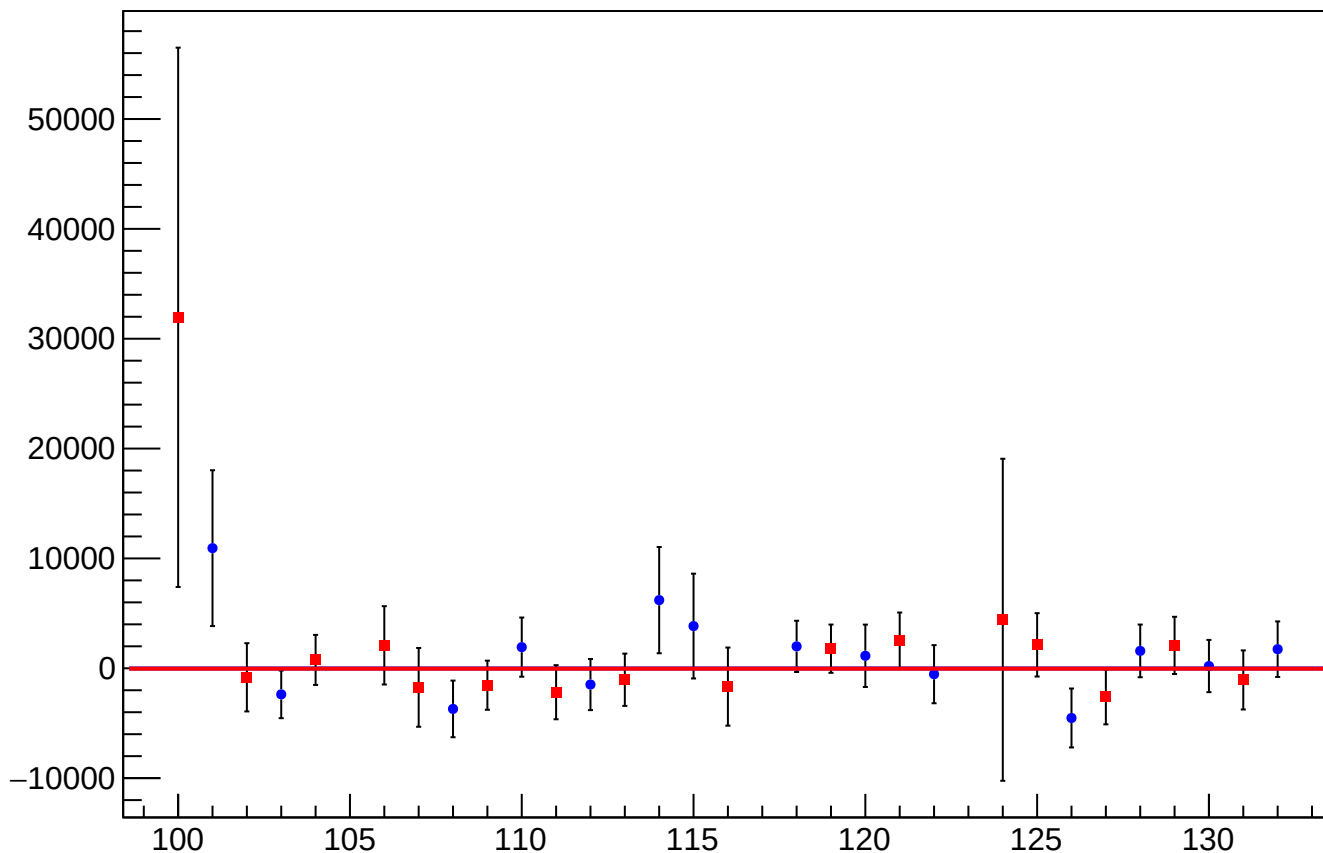
Right: 0.000+/-0.000 χ^2/NDF : 6294329.0/29

In: 0.000+/-0.000 χ^2/NDF : 875316.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6294329.0/29

reg_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -17.811+/-727.512 χ^2/NDF : 13.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -34.796+/-706.108 χ^2/NDF : 8.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

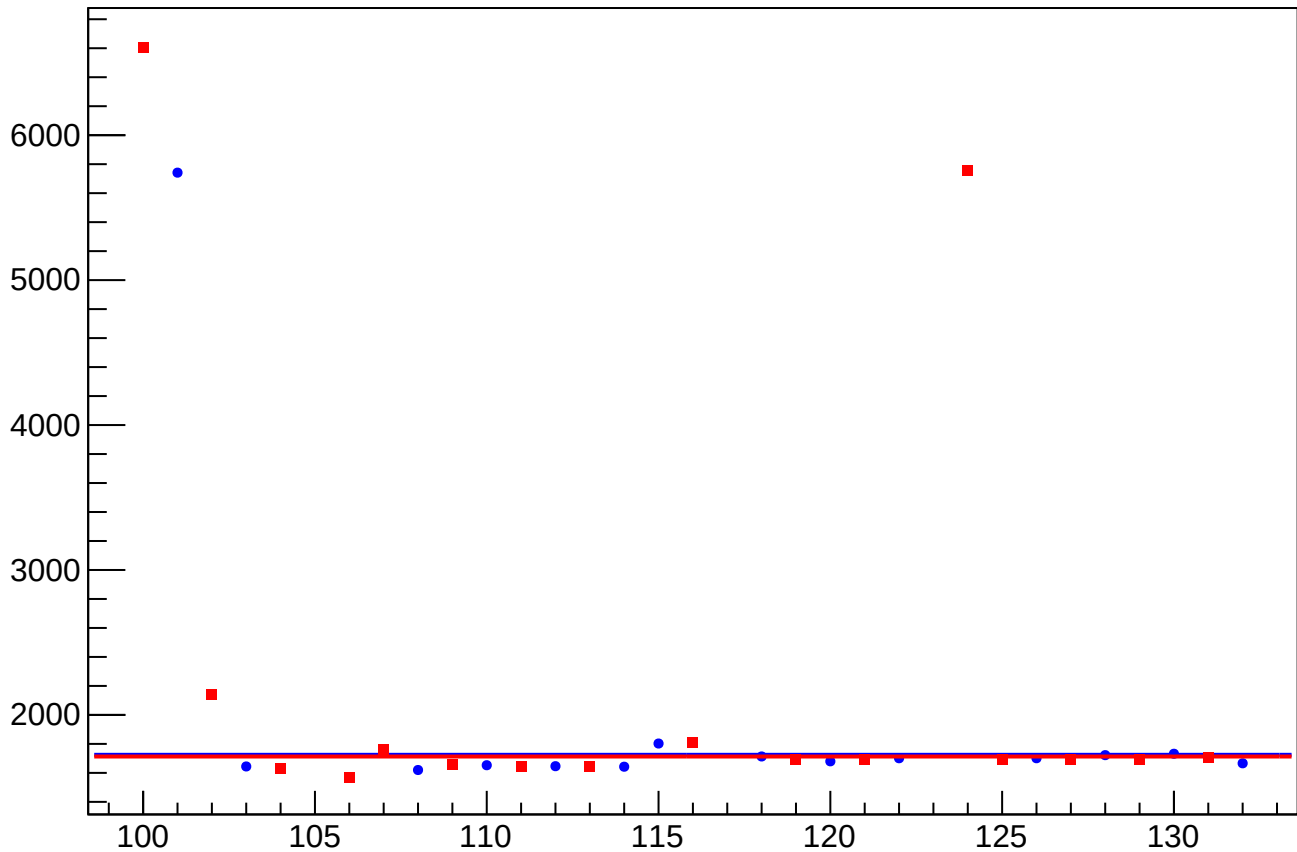
Right: -26.557+/-506.692 χ^2/NDF : 21.8/29

In: -17.811+/-727.512 χ^2/NDF : 13.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.557+/-506.692 χ^2/NDF : 21.8/29

reg_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1724.642+/-0.514 χ^2/NDF : 654276.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1712.955+/-0.495 χ^2/NDF : 284061.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

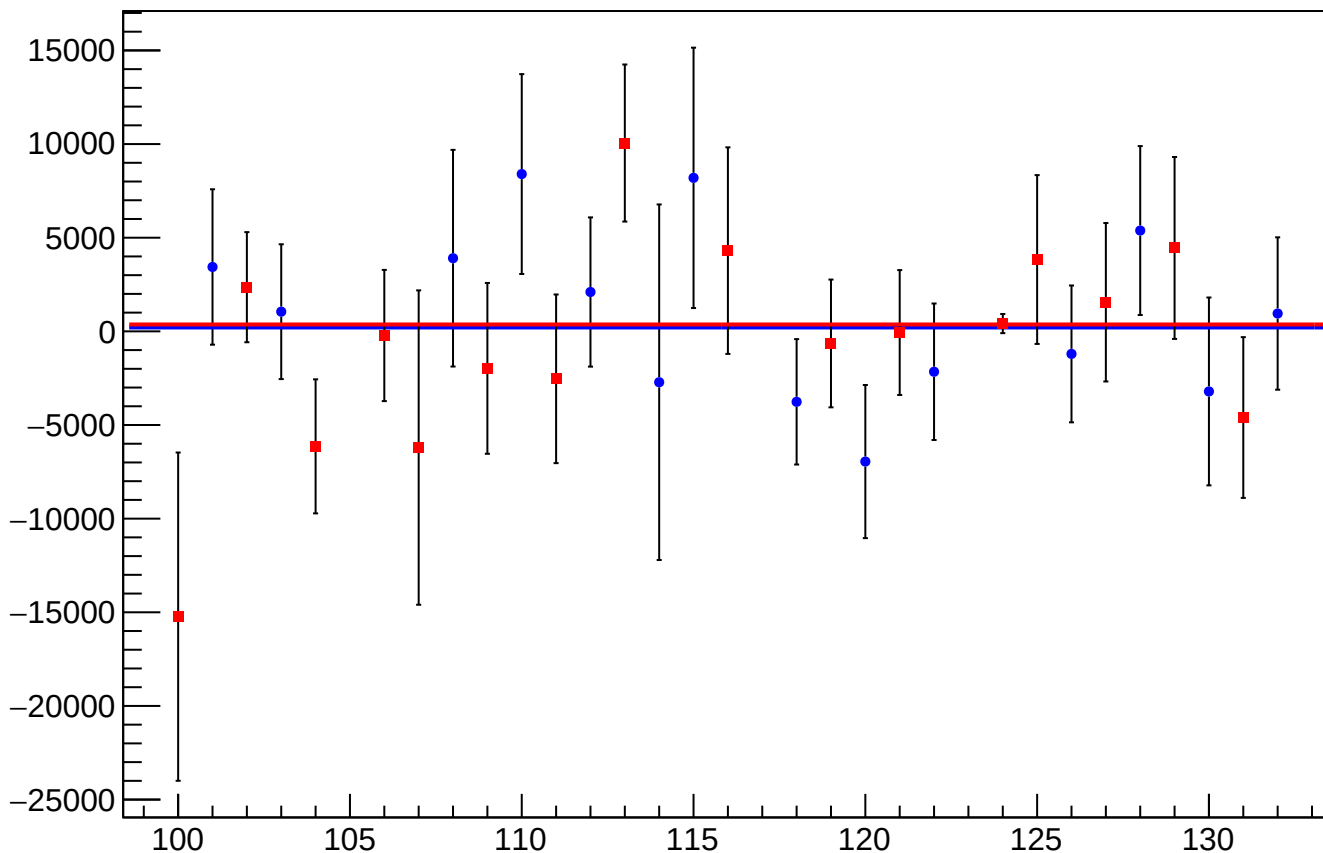
Right: 1718.575+/-0.357 χ^2/NDF : 938605.9/29

In: 1724.642+/-0.514 χ^2/NDF : 654276.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1718.575+/-0.357 χ^2/NDF : 938605.9/29

asym_atr1l2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 208.097 $\pm$ 1159.538 χ^2 /NDF: 11.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 367.623 $\pm$ 461.802 χ^2 /NDF: 16.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

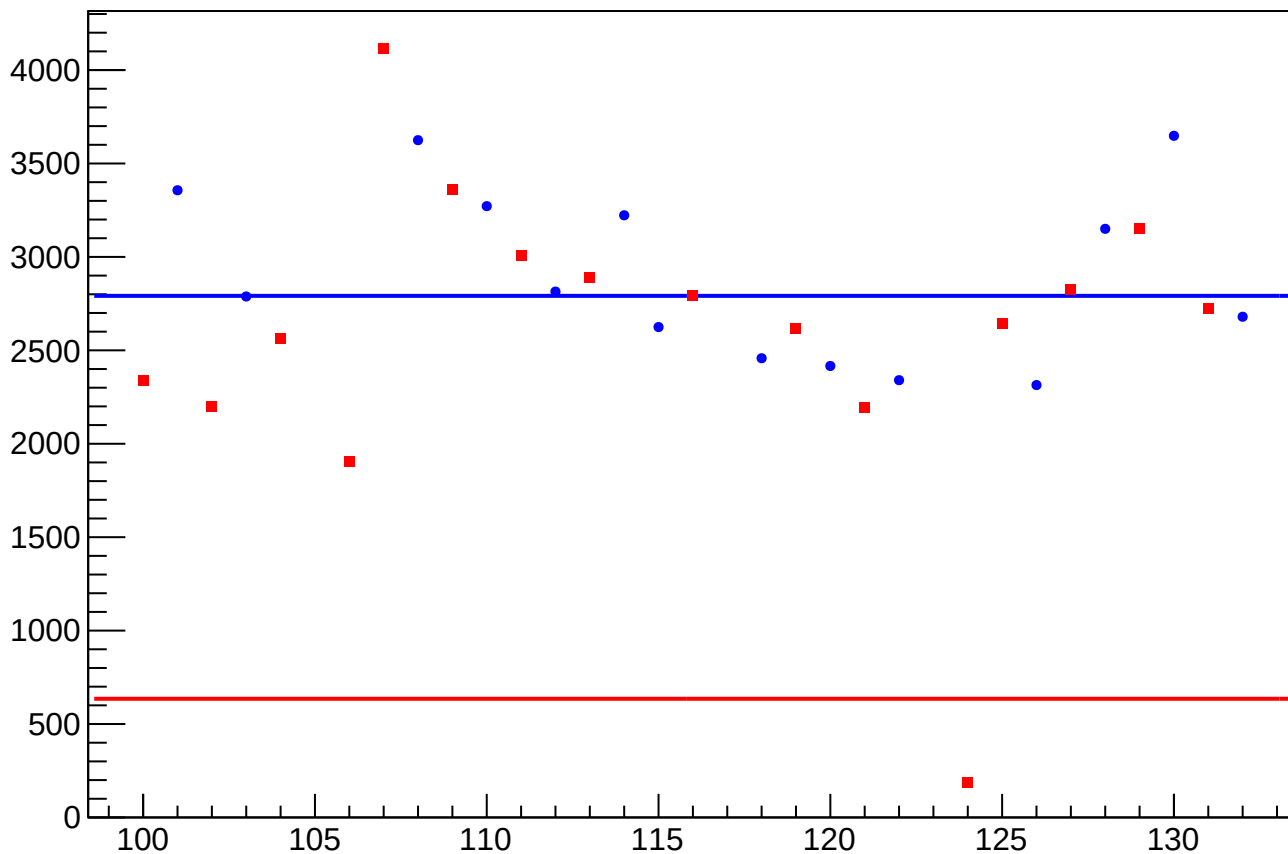
Right: 345.784 $\pm$ 429.029 χ^2 /NDF: 28.9/29

In: 208.097 $\pm$ 1159.538 χ^2 /NDF:11.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 345.784 $\pm$ 429.029 χ^2 /NDF: 28.9/29

asym_atr1l2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2791.648+/-0.820 χ^2/NDF : 274245.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 635.282+/-0.327 χ^2/NDF : 8560582.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

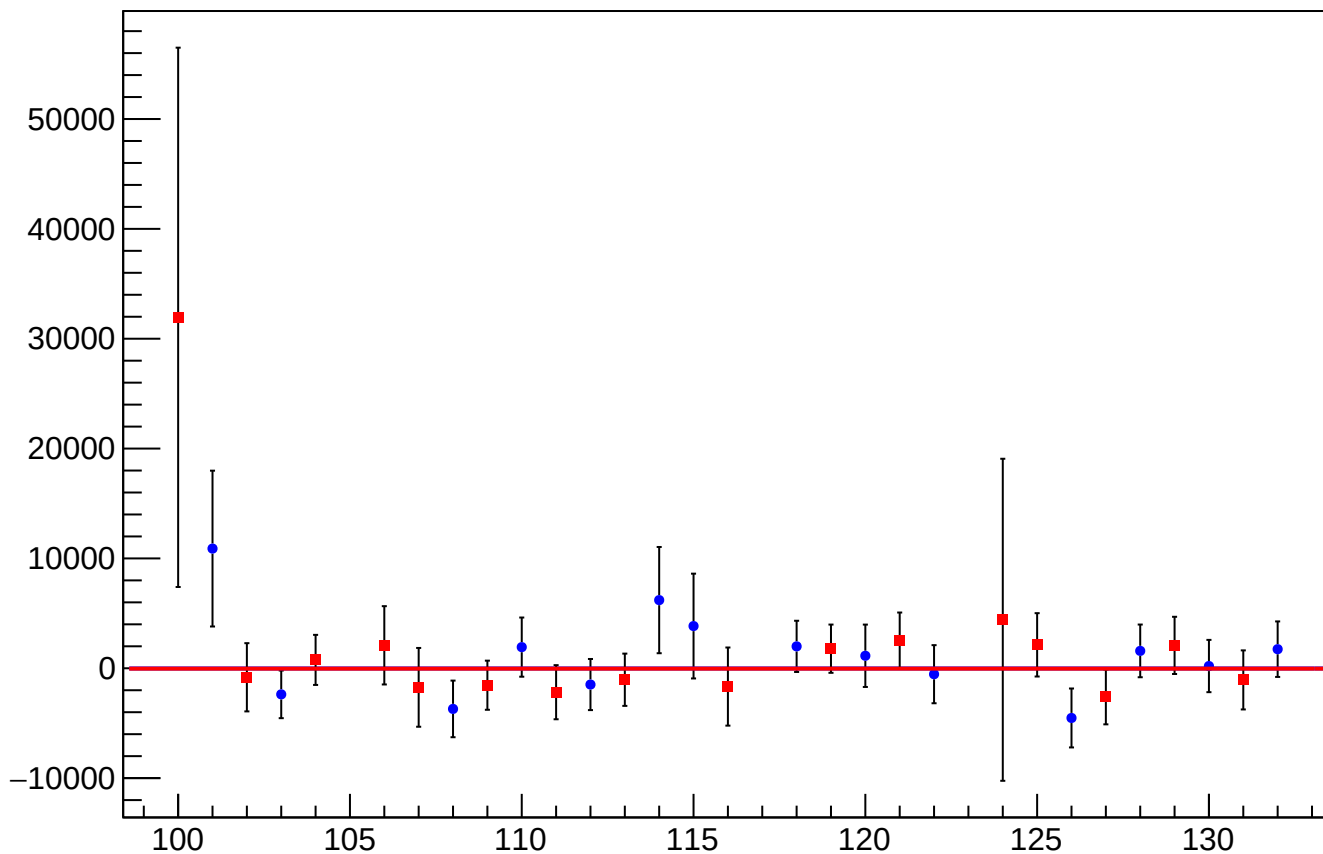
Right: 930.489+/-0.303 χ^2/NDF : 14804714.0/29

In: 2791.648+/-0.820 χ^2/NDF : 274245.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 930.489+/-0.303 χ^2/NDF : 14804714.0/29

cor_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -18.402+/-727.512 χ^2/NDF : 13.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -34.663+/-706.108 χ^2/NDF : 8.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

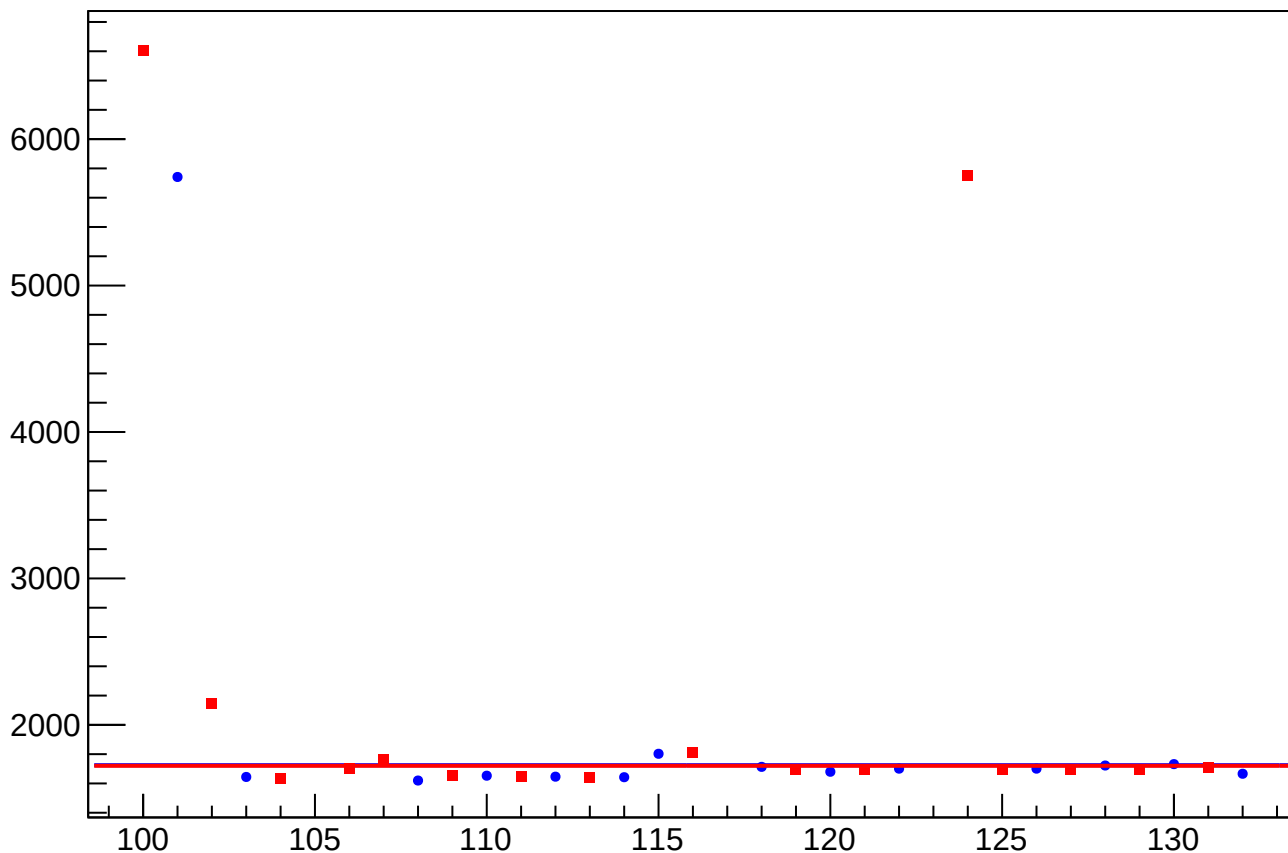
Right: -26.776+/-506.692 χ^2/NDF : 21.8/29

In: -18.402+/-727.512 χ^2/NDF : 13.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.776+/-506.692 χ^2/NDF : 21.8/29

cor_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1724.642+/-0.514 χ^2/NDF : 654276.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1720.505+/-0.497 χ^2/NDF : 279109.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

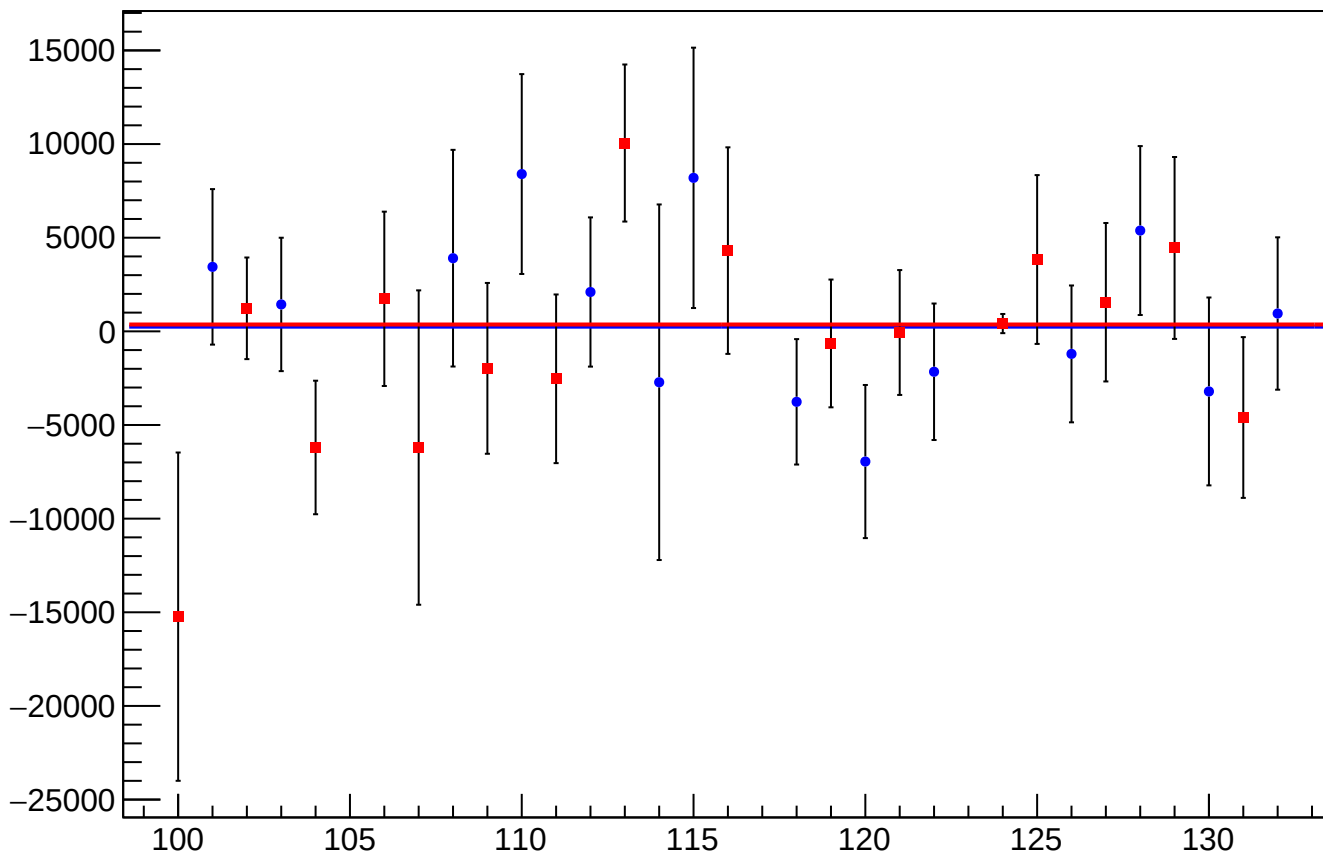
Right: 1722.503+/-0.357 χ^2/NDF : 933419.3/29

In: 1724.642+/-0.514 χ^2/NDF : 654276.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1722.503+/-0.357 χ^2/NDF : 933419.3/29

asym_atr1l2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 250.750+/-1158.326 χ^2/NDF : 12.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 365.359+/-462.740 χ^2/NDF : 16.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

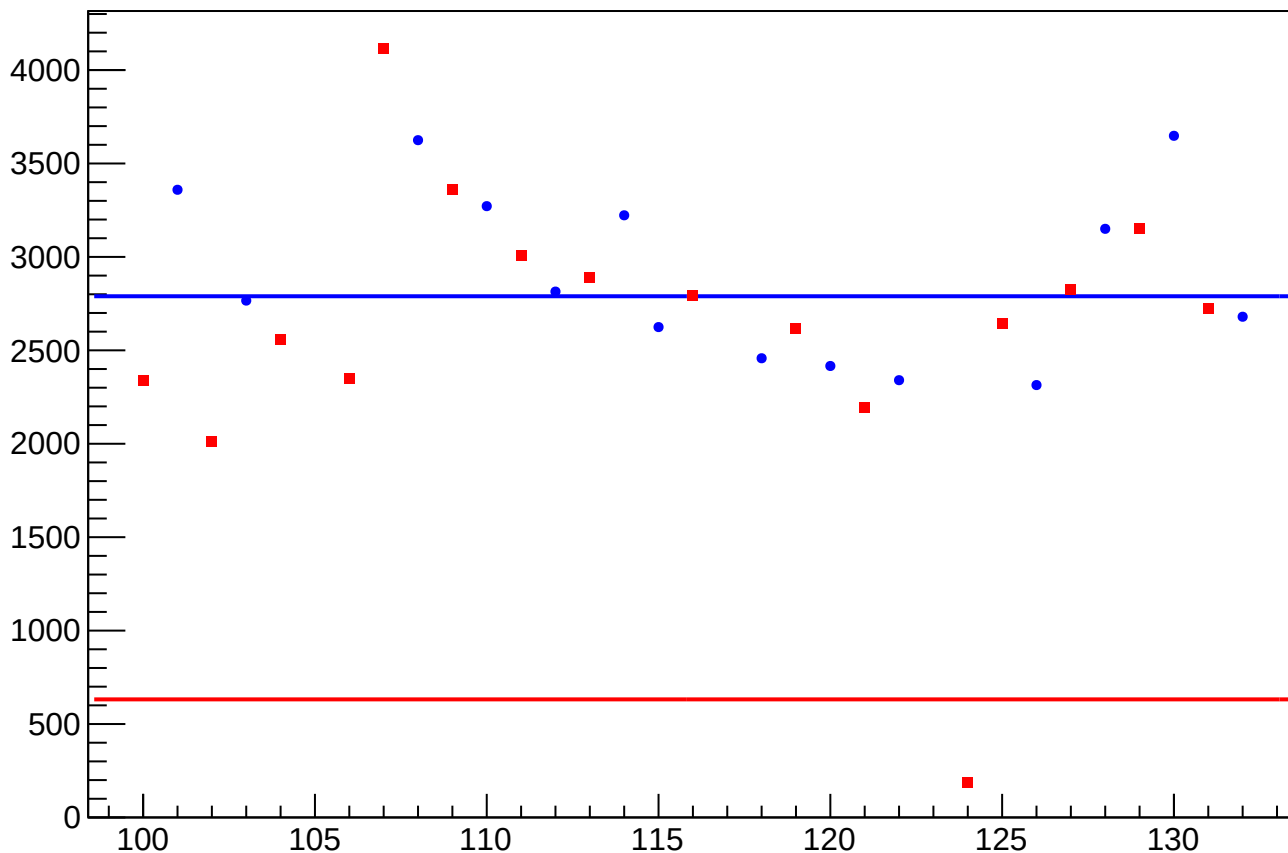
Right: 349.585+/-429.719 χ^2/NDF : 28.7/29

In: 250.750+/-1158.326 χ^2/NDF : 12.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 349.585+/-429.719 χ^2/NDF : 28.7/29

asym_atr1l2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2789.445 $\pm$ 0.819 χ^2 /NDF: 274624.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 631.952 $\pm$ 0.327 χ^2 /NDF: 8514258.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

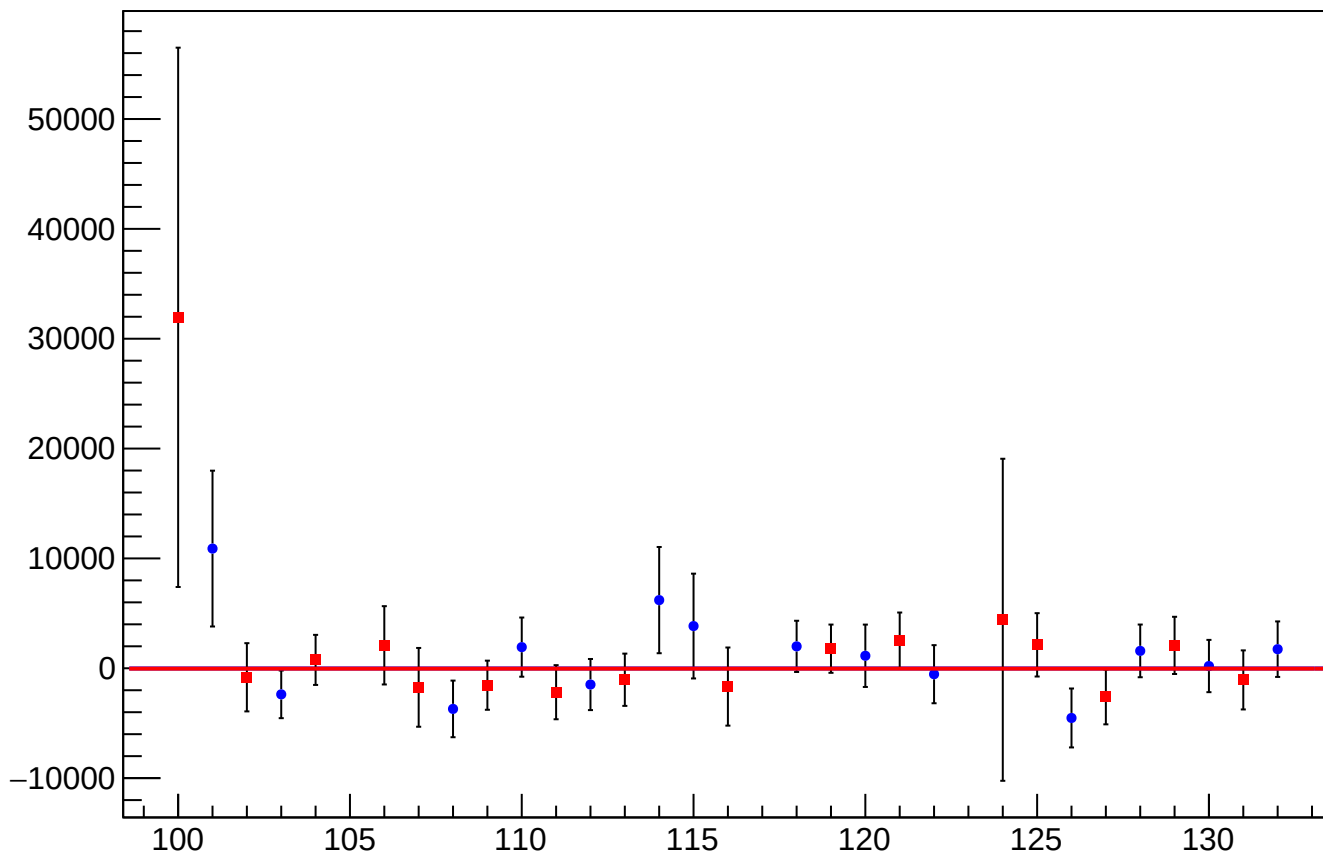
Right: 928.884 $\pm$ 0.304 χ^2 /NDF: 14772466.7/29

In: 2789.445 $\pm$ 0.819 χ^2 /NDF:274624.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 928.884 $\pm$ 0.304 χ^2 /NDF: 14772466.7/29

eigen_cor_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -18.402 ± 727.512 χ^2/NDF : 13.5/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -34.663 ± 706.108 χ^2/NDF : 8.3/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

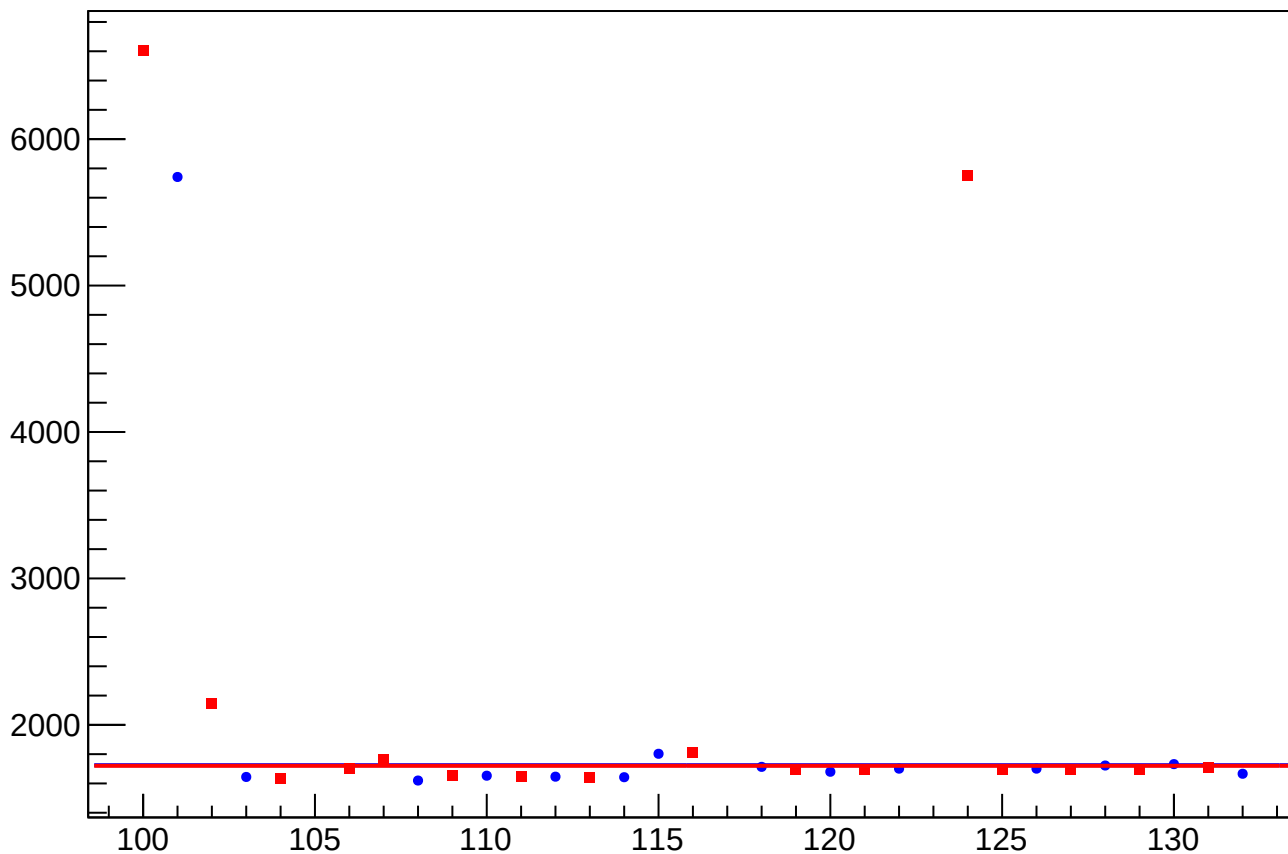
Right: -26.776 ± 506.692 χ^2/NDF : 21.8/29

In: -18.402 ± 727.512 χ^2/NDF : 13.5/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -26.776 ± 506.692 χ^2/NDF : 21.8/29

eigen_cor_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1724.642+/-0.514 χ^2/NDF : 654276.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1720.505+/-0.497 χ^2/NDF : 279109.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

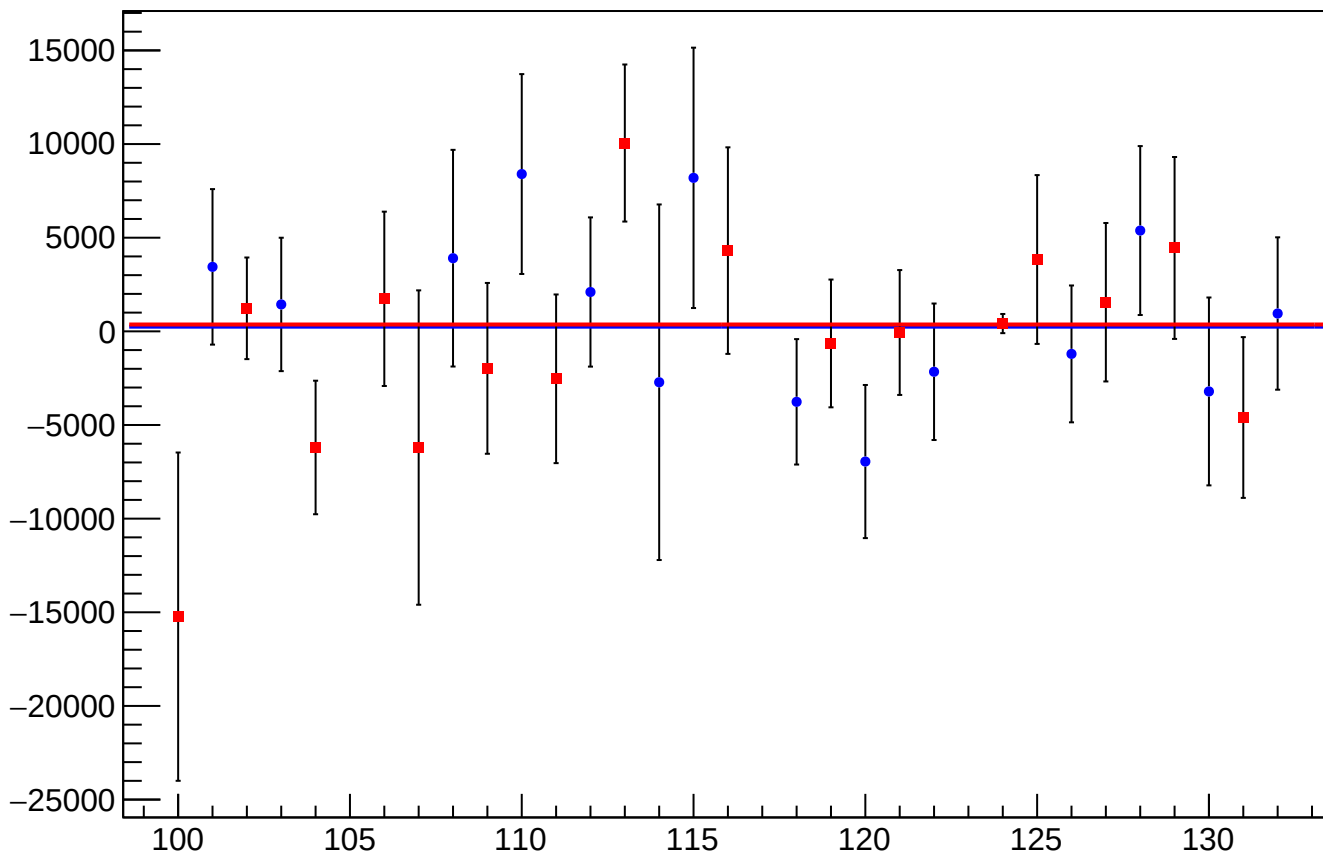
Right: 1722.503+/-0.357 χ^2/NDF : 933419.3/29

In: 1724.642+/-0.514 χ^2/NDF : 654276.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1722.503+/-0.357 χ^2/NDF : 933419.3/29

asym_atr1l2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 250.750+/-1158.326 χ^2/NDF : 12.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 365.359+/-462.740 χ^2/NDF : 16.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

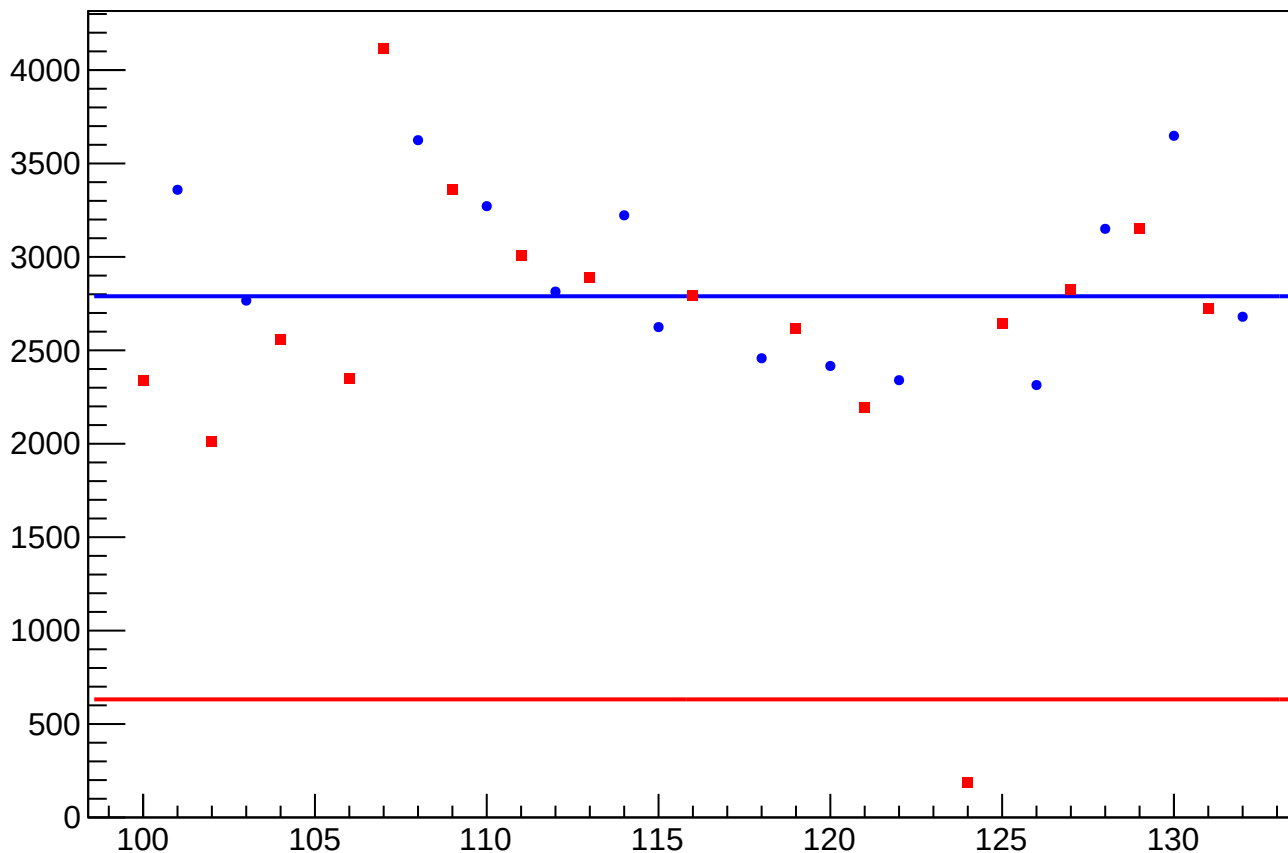
Right: 349.585+/-429.719 χ^2/NDF : 28.7/29

In: 250.750+/-1158.326 χ^2/NDF : 12.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 349.585+/-429.719 χ^2/NDF : 28.7/29

asym_atr1l2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2789.445 $\pm$ 0.819 χ^2 /NDF: 274624.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 631.952 $\pm$ 0.327 χ^2 /NDF: 8514258.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

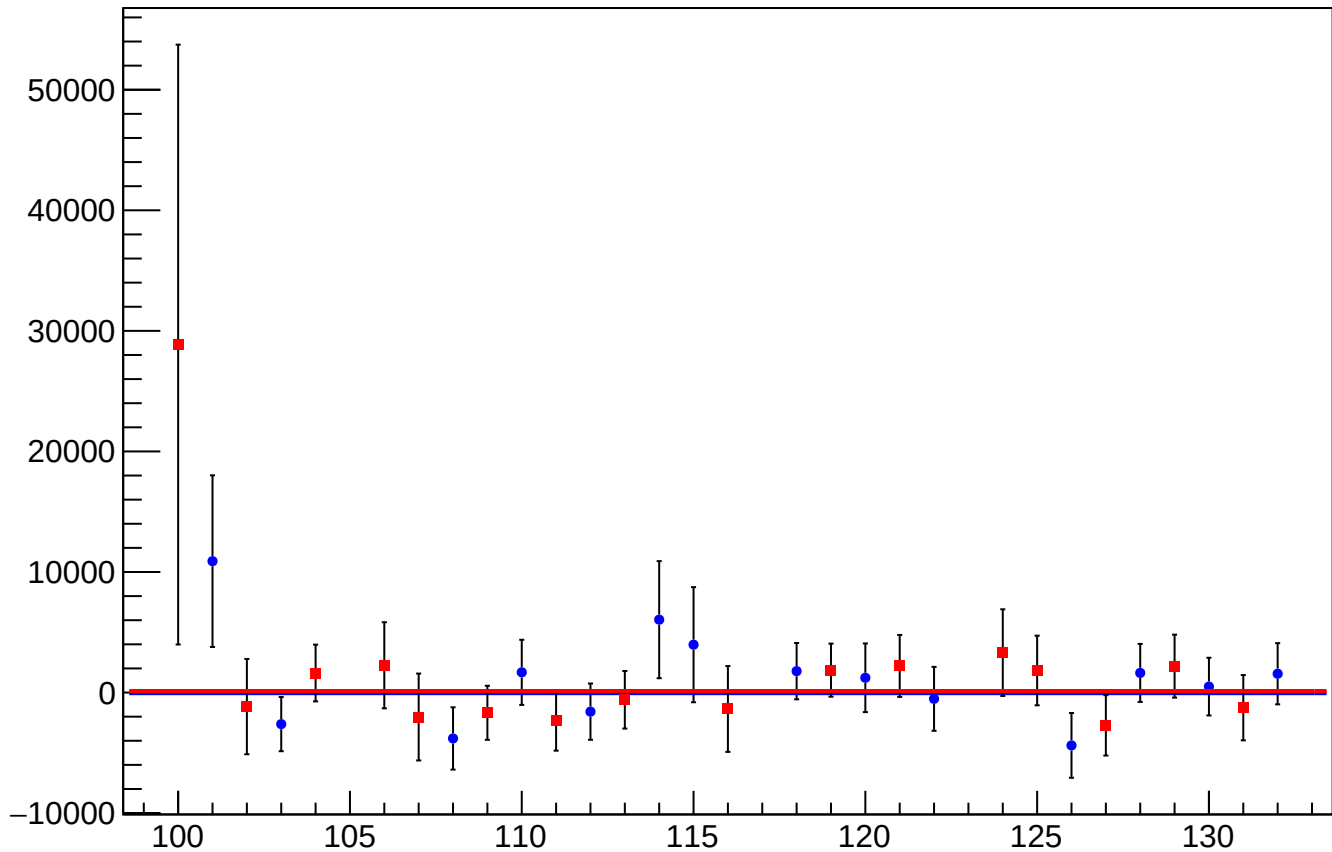
Right: 928.884 $\pm$ 0.304 χ^2 /NDF: 14772466.7/29

In: 2789.445 $\pm$ 0.819 χ^2 /NDF:274624.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 928.884 $\pm$ 0.304 χ^2 /NDF: 14772466.7/29

dit_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -53.138+/-732.337 χ^2/NDF : 13.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.692+/-704.114 χ^2/NDF : 9.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

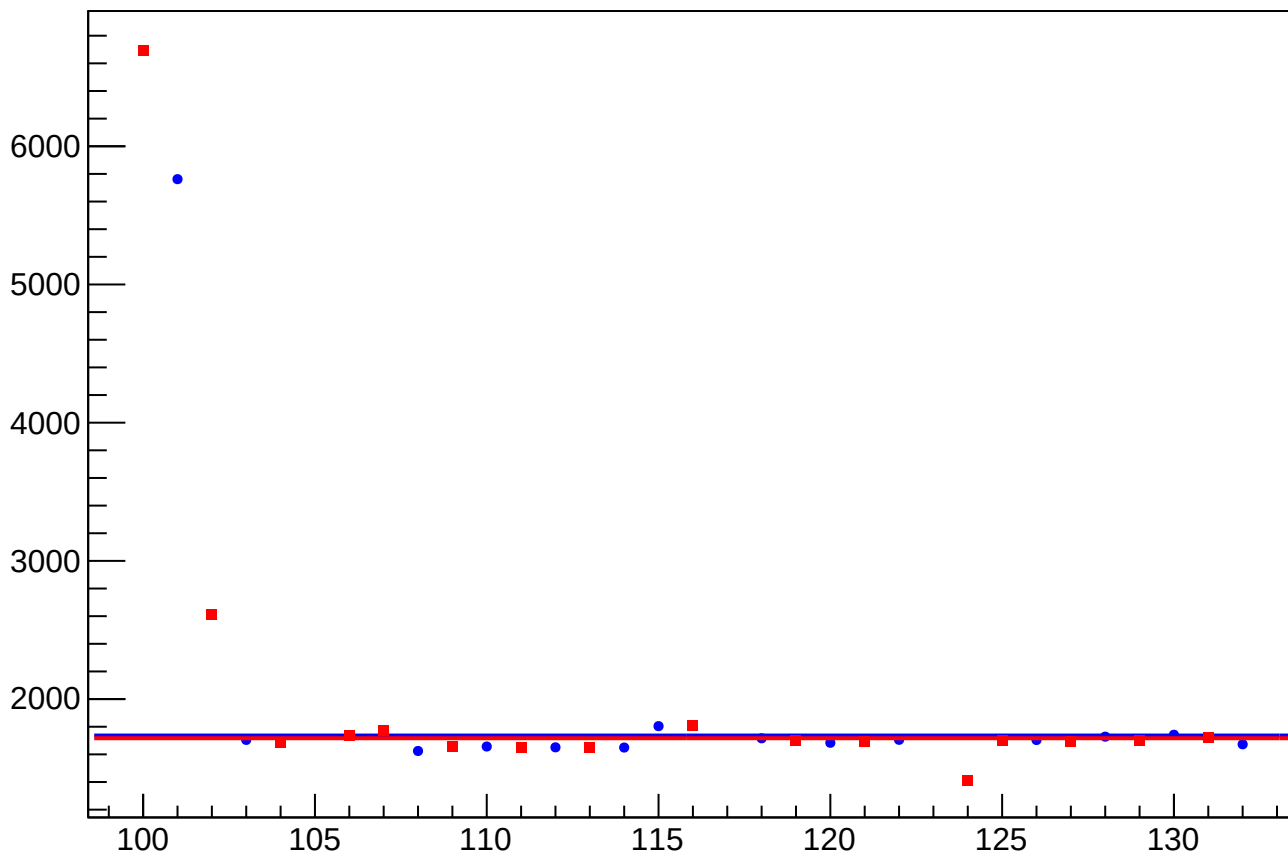
Right: 41.868+/-507.568 χ^2/NDF : 22.4/29

In: -53.138+/-732.337 χ^2/NDF : 13.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.868+/-507.568 χ^2/NDF : 22.4/29

dit_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1736.294+/-0.518 χ^2/NDF : 651895.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1716.758+/-0.496 χ^2/NDF : 204872.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

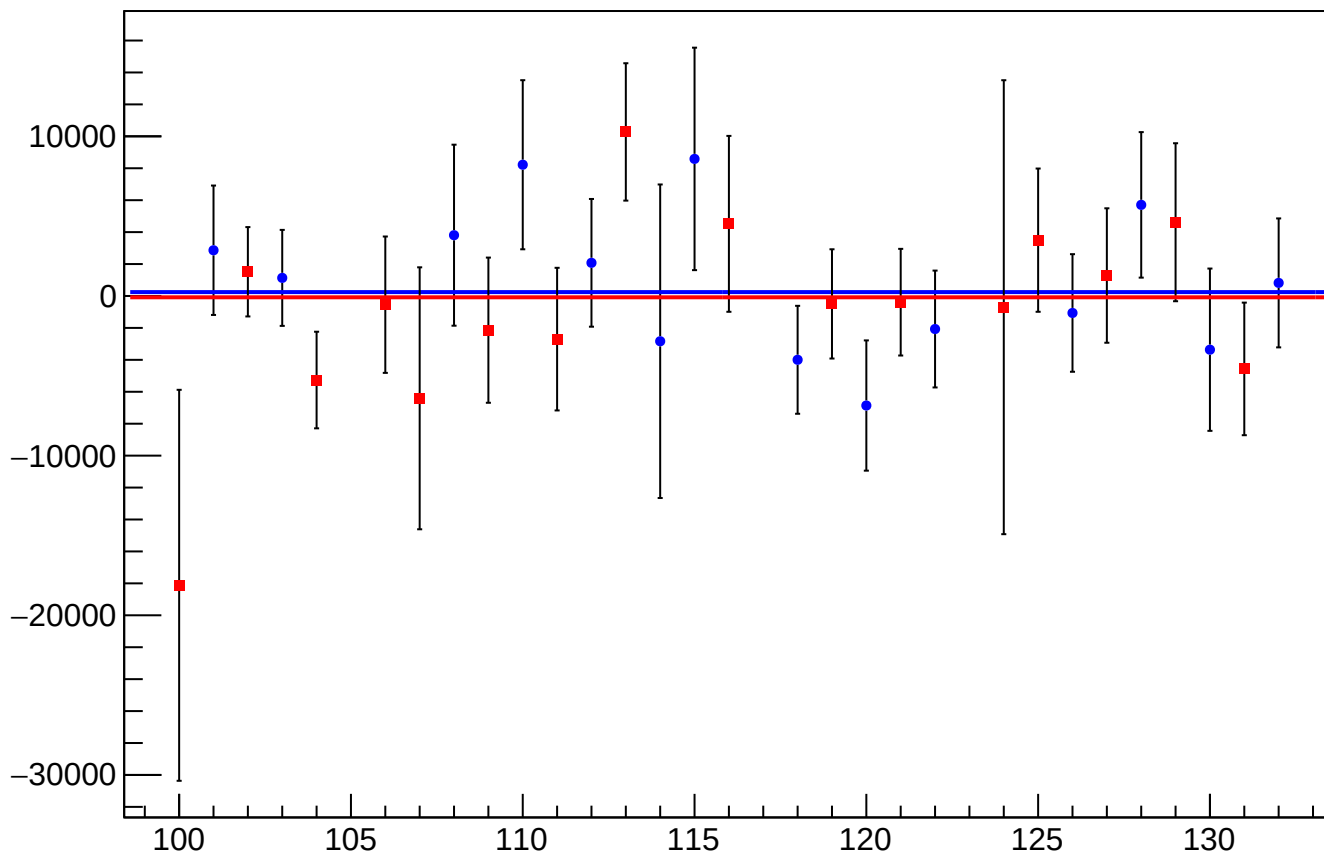
Right: 1726.110+/-0.358 χ^2/NDF : 857510.1/29

In: 1736.294+/-0.518 χ^2/NDF : 651895.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1726.110+/-0.358 χ^2/NDF : 857510.1/29

asym_atr1l2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 242.554+/-1135.238 χ^2/NDF : 12.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -83.013+/-1063.786 χ^2/NDF : 15.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

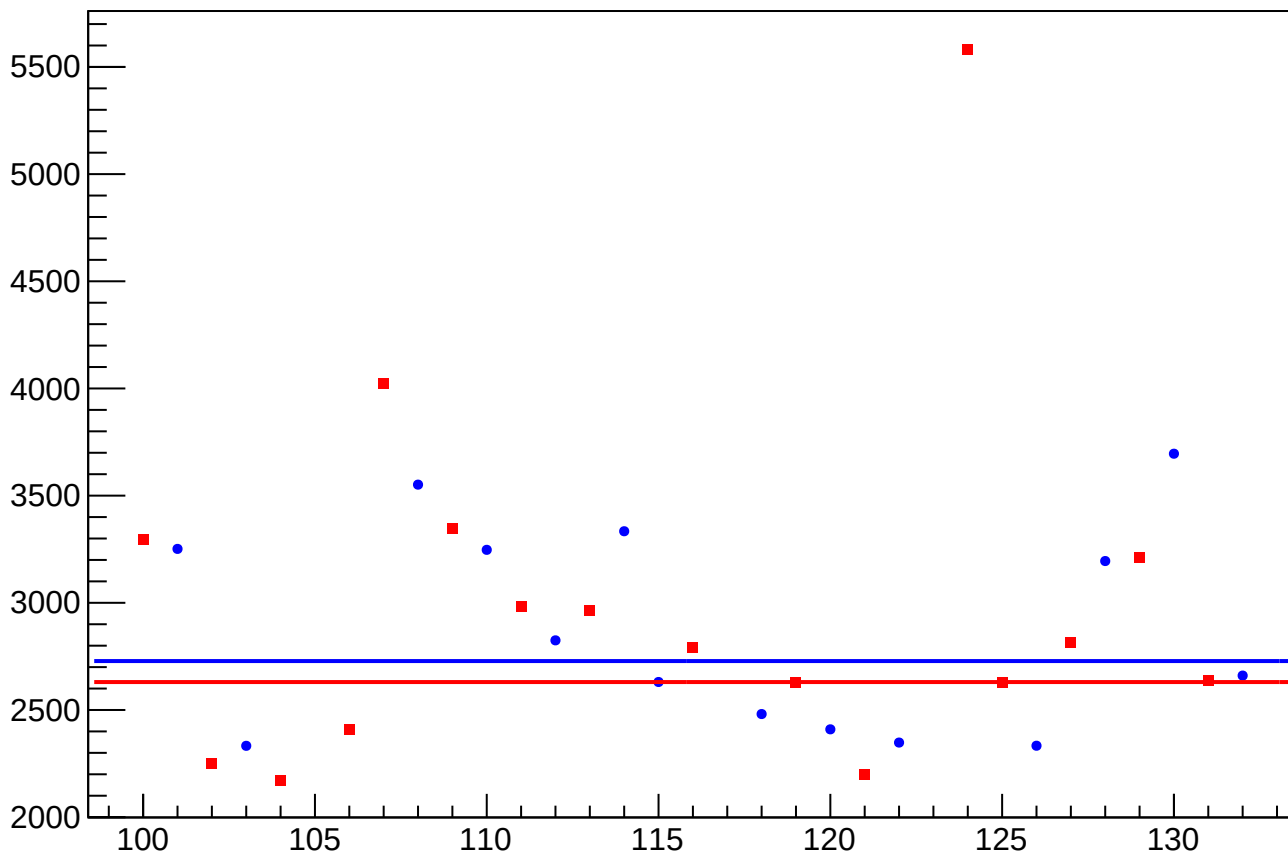
Right: 69.203+/-776.242 χ^2/NDF : 28.0/29

In: 242.554+/-1135.238 χ^2/NDF : 12.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.203+/-776.242 χ^2/NDF : 28.0/29

asym_atr1l2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2728.253+/-0.803 χ^2/NDF : 299947.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2630.297+/-0.752 χ^2/NDF : 378728.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

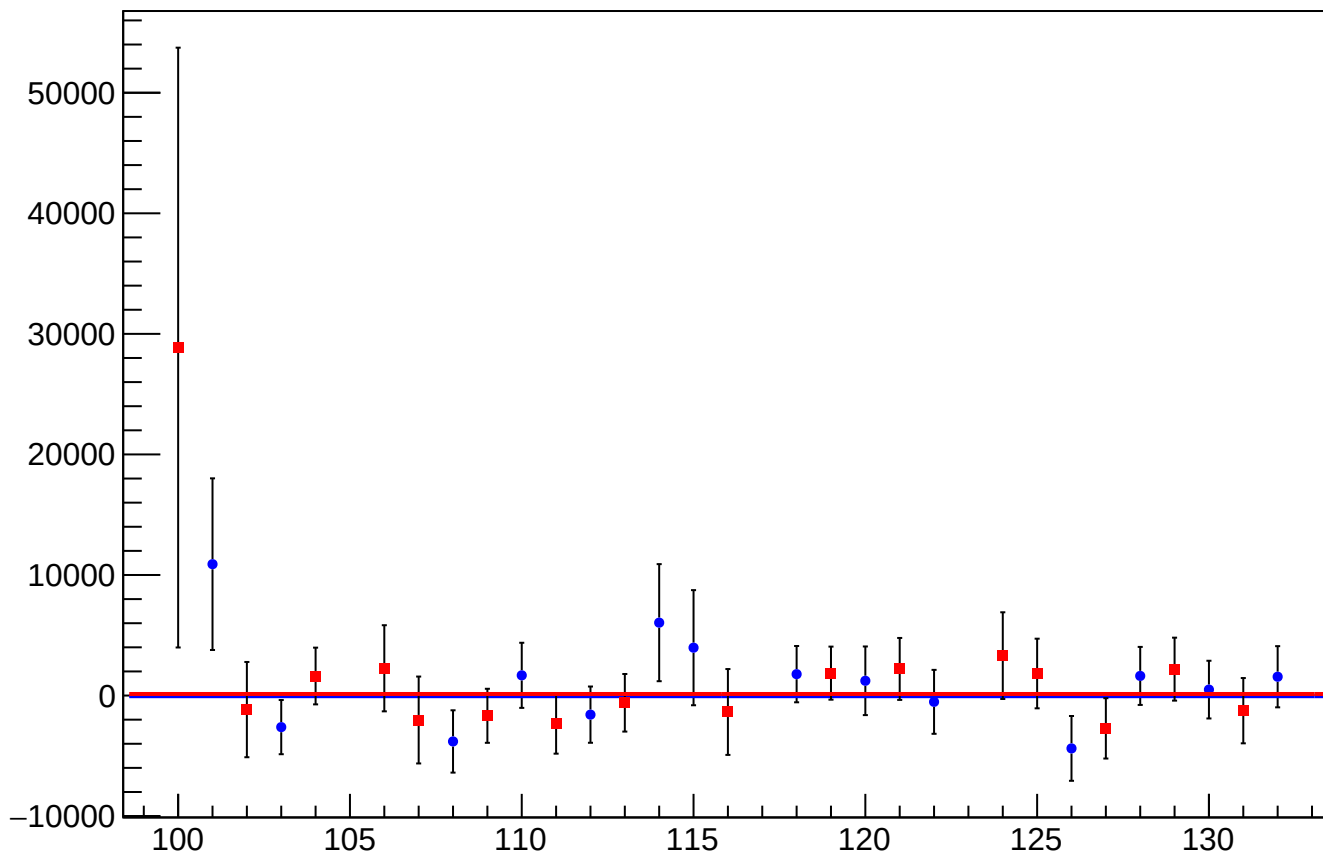
Right: 2676.095+/-0.549 χ^2/NDF : 686604.3/29

In: 2728.253+/-0.803 χ^2/NDF : 299947.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2676.095+/-0.549 χ^2/NDF : 686604.3/29

eigen_dit_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -53.145+/-732.337 χ^2/NDF : 13.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.688+/-704.114 χ^2/NDF : 9.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

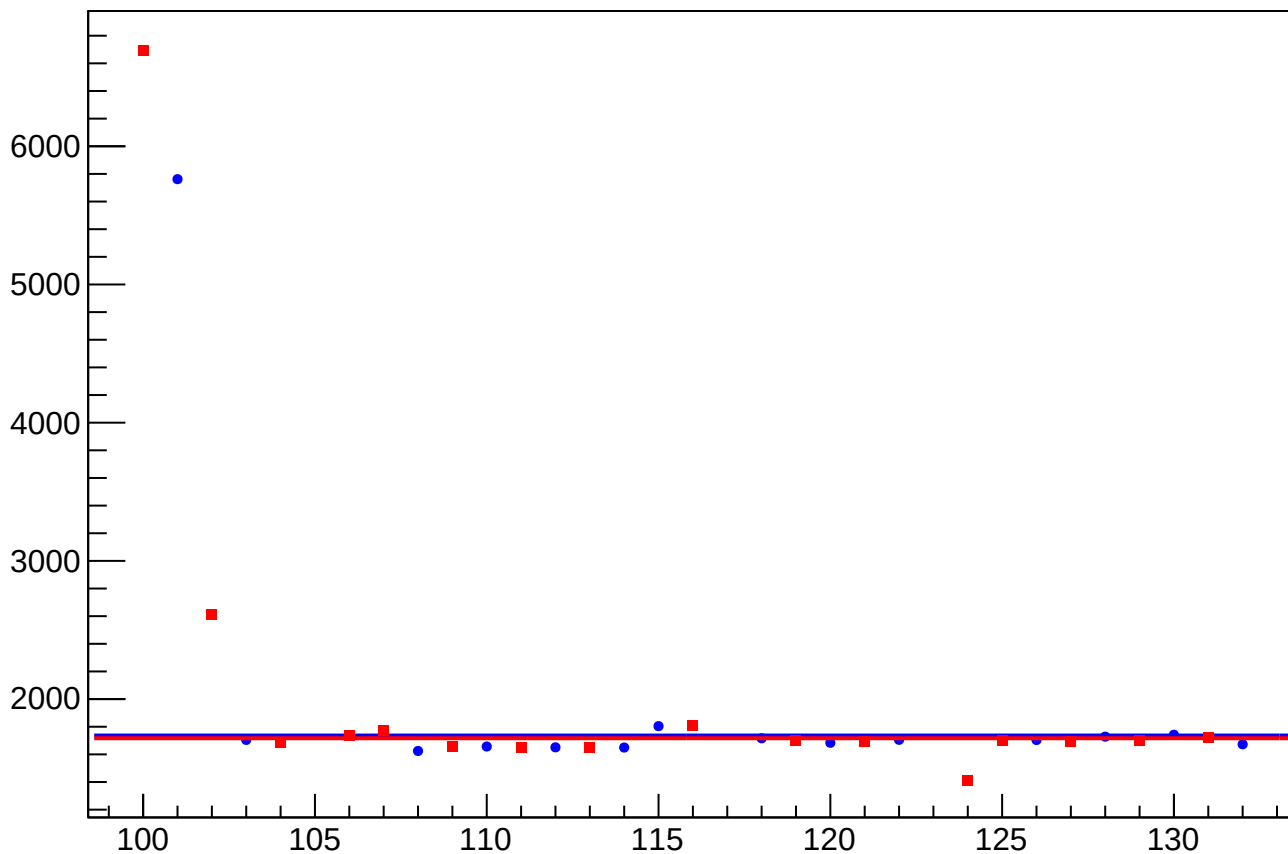
Right: 41.863+/-507.568 χ^2/NDF : 22.4/29

In: -53.145+/-732.337 χ^2/NDF : 13.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.863+/-507.568 χ^2/NDF : 22.4/29

eigen_dit_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1736.294+/-0.518 χ^2/NDF : 651895.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1716.758+/-0.496 χ^2/NDF : 204872.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

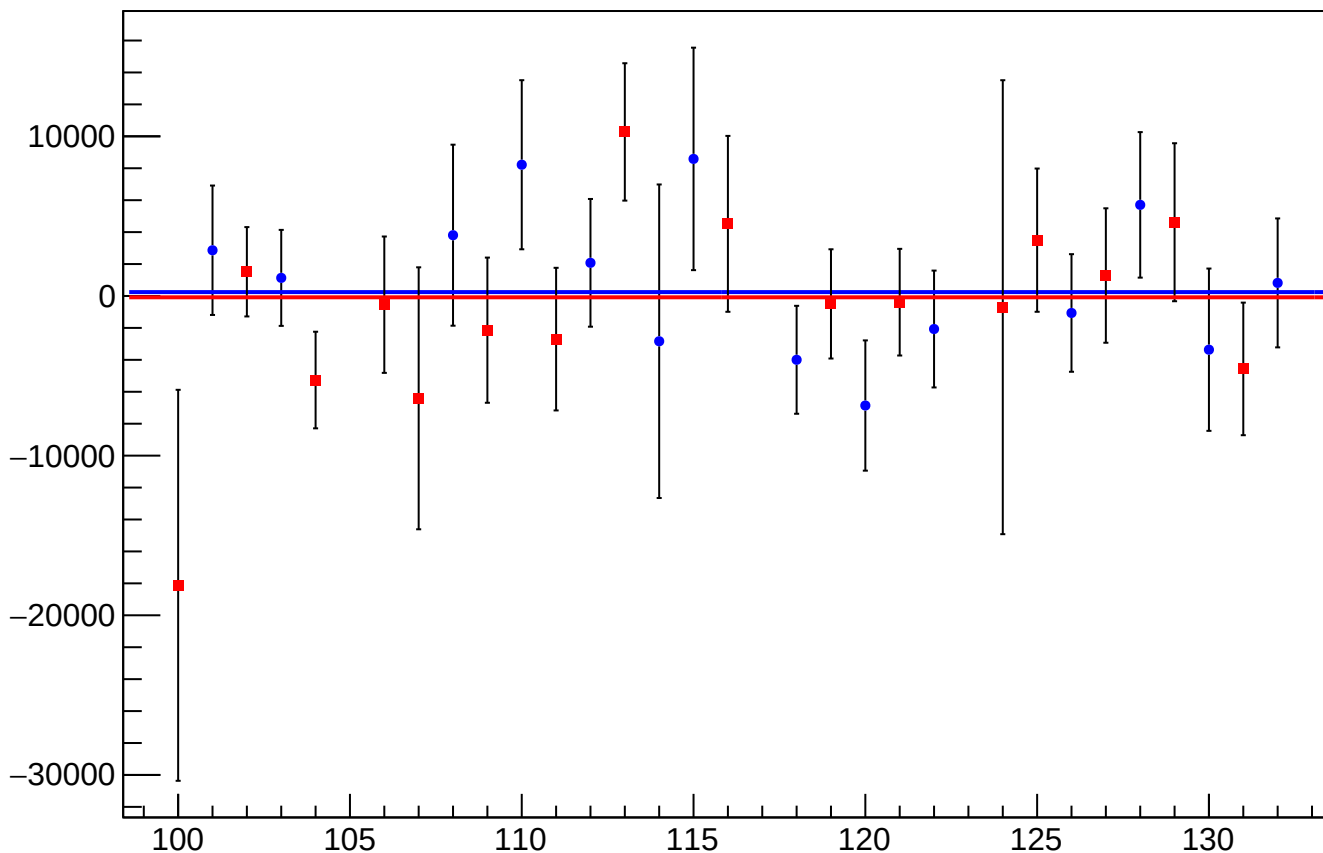
Right: 1726.110+/-0.358 χ^2/NDF : 857510.0/29

In: 1736.294+/-0.518 χ^2/NDF : 651895.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1726.110+/-0.358 χ^2/NDF : 857510.0/29

asym_atr1l2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 242.550+/-1135.235 χ^2/NDF : 12.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -83.014+/-1063.784 χ^2/NDF : 15.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

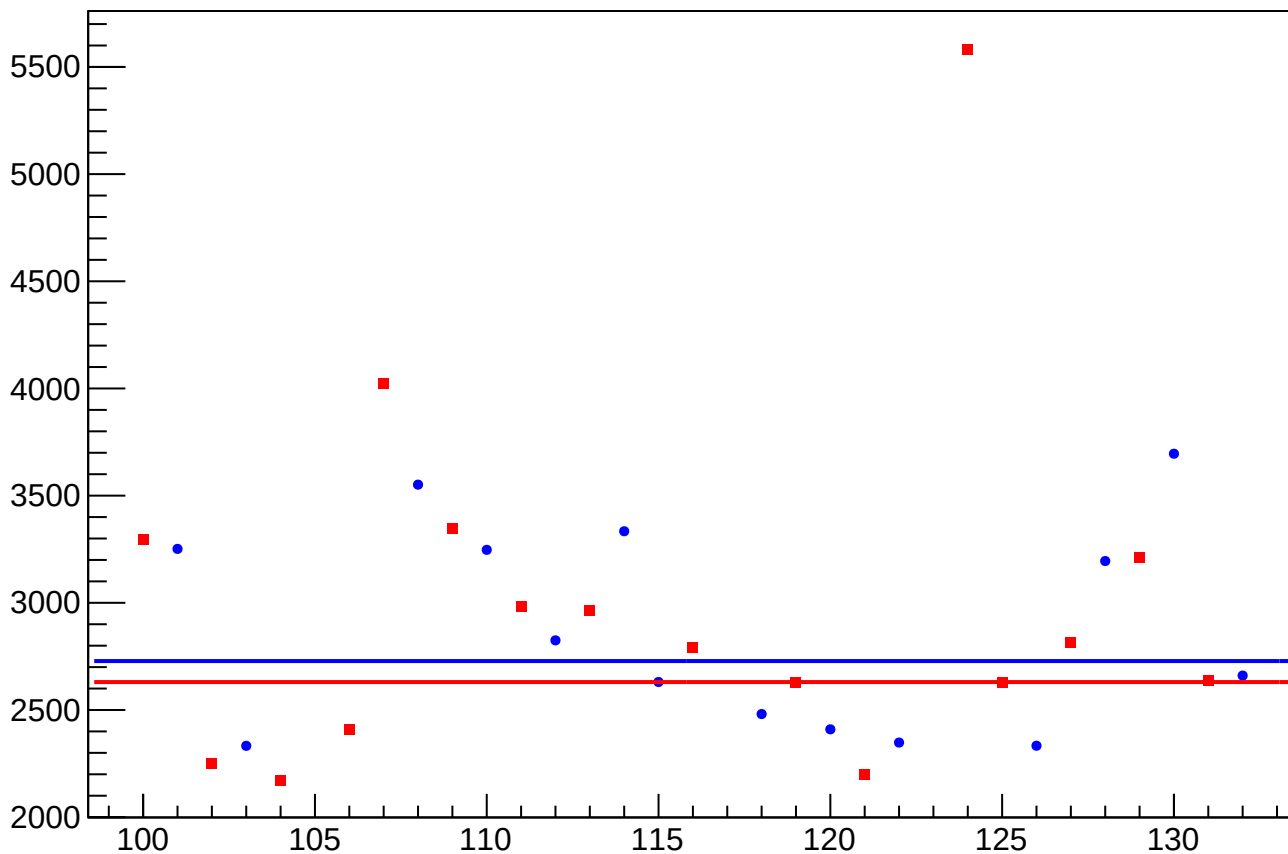
Right: 69.201+/-776.240 χ^2/NDF : 28.0/29

In: 242.550+/-1135.235 χ^2/NDF : 12.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.201+/-776.240 χ^2/NDF : 28.0/29

asym_atr1l2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2728.245+/-0.803 χ^2/NDF : 299947.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2630.292+/-0.752 χ^2/NDF : 378724.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

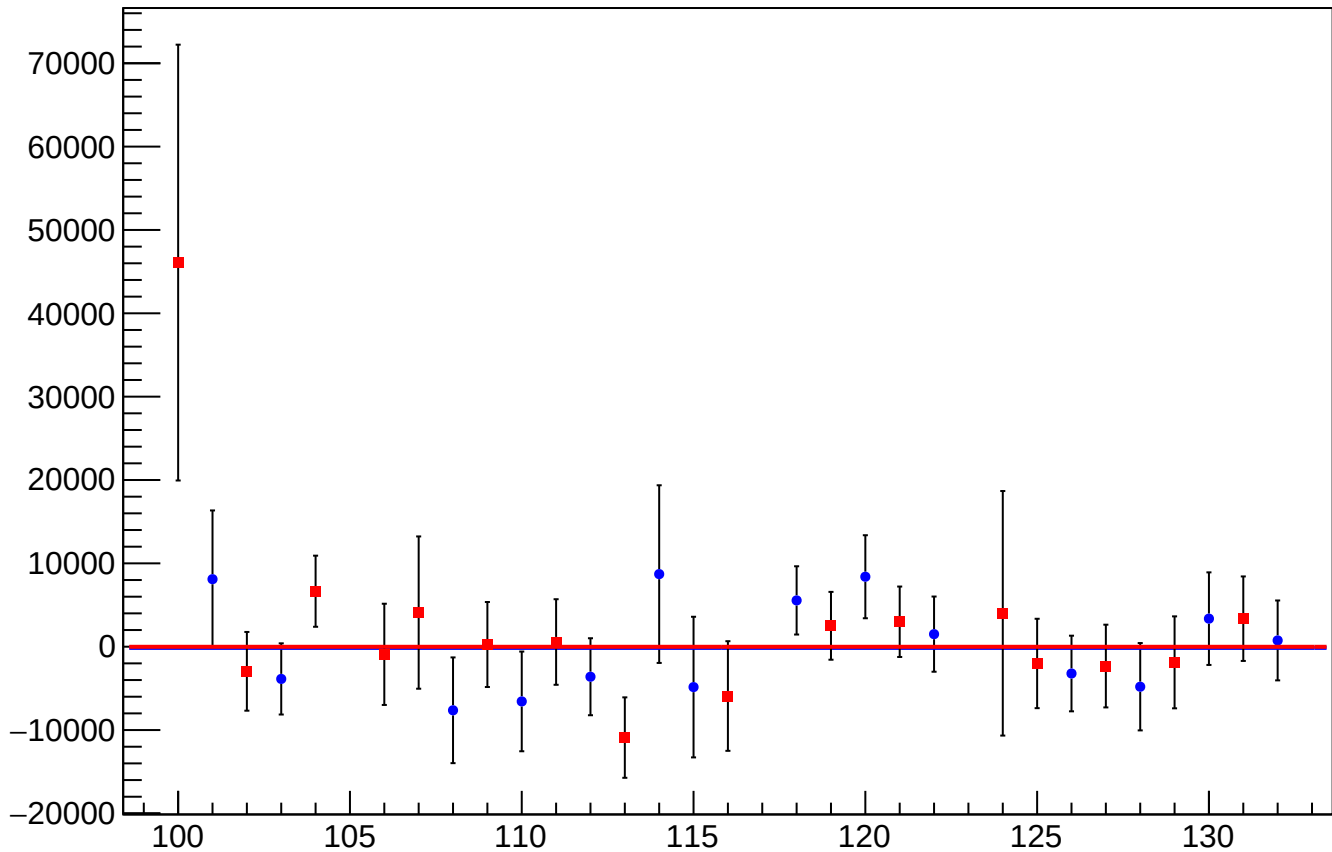
Right: 2676.089+/-0.549 χ^2/NDF : 686600.0/29

In: 2728.245+/-0.803 χ^2/NDF : 299947.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2676.089+/-0.549 χ^2/NDF : 686600.0/29

asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -143.149 ± 1411.217 χ^2/NDF : 12.6/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -10.900 ± 1347.126 χ^2/NDF : 14.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

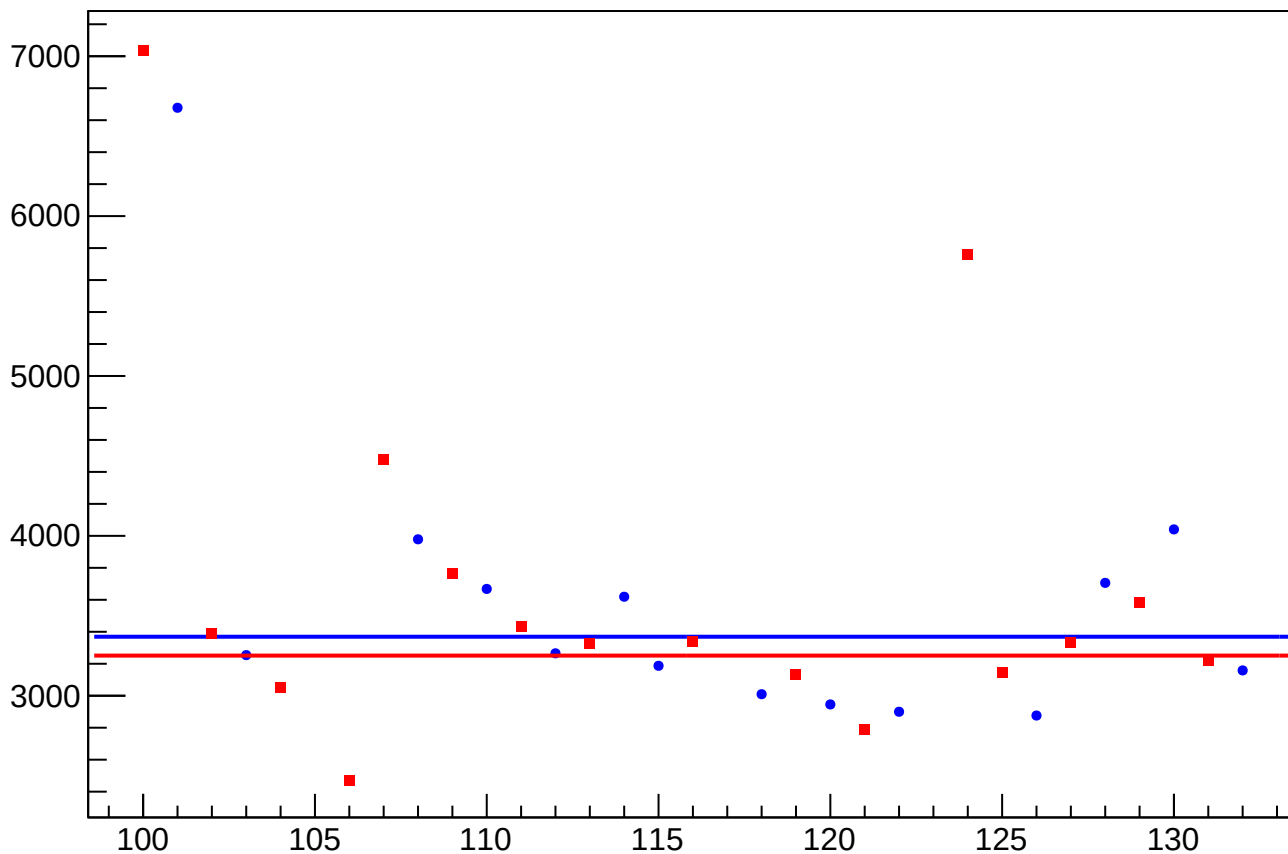
Right: -73.953 ± 974.432 χ^2/NDF : 26.5/29

In: -143.149 ± 1411.217 χ^2/NDF : 12.6/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -73.953 ± 974.432 χ^2/NDF : 26.5/29

asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 3369.081+/-0.998 χ^2/NDF : 466480.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3251.078+/-0.938 χ^2/NDF : 254713.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

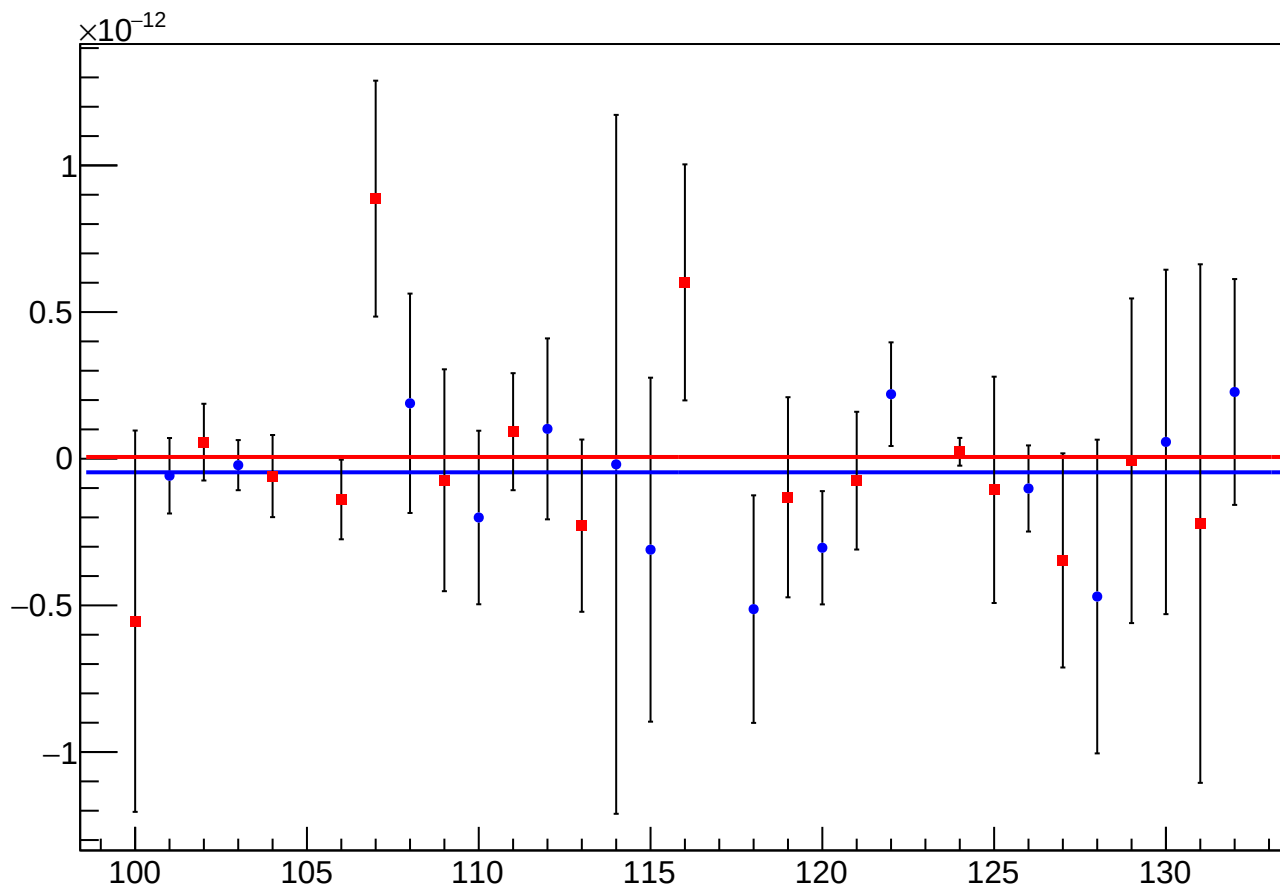
Right: 3306.420+/-0.683 χ^2/NDF : 728619.7/29

In: 3369.081+/-0.998 χ^2/NDF : 466480.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3306.420+/-0.683 χ^2/NDF : 728619.7/29

asym_atr1l2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 8.0/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 11.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

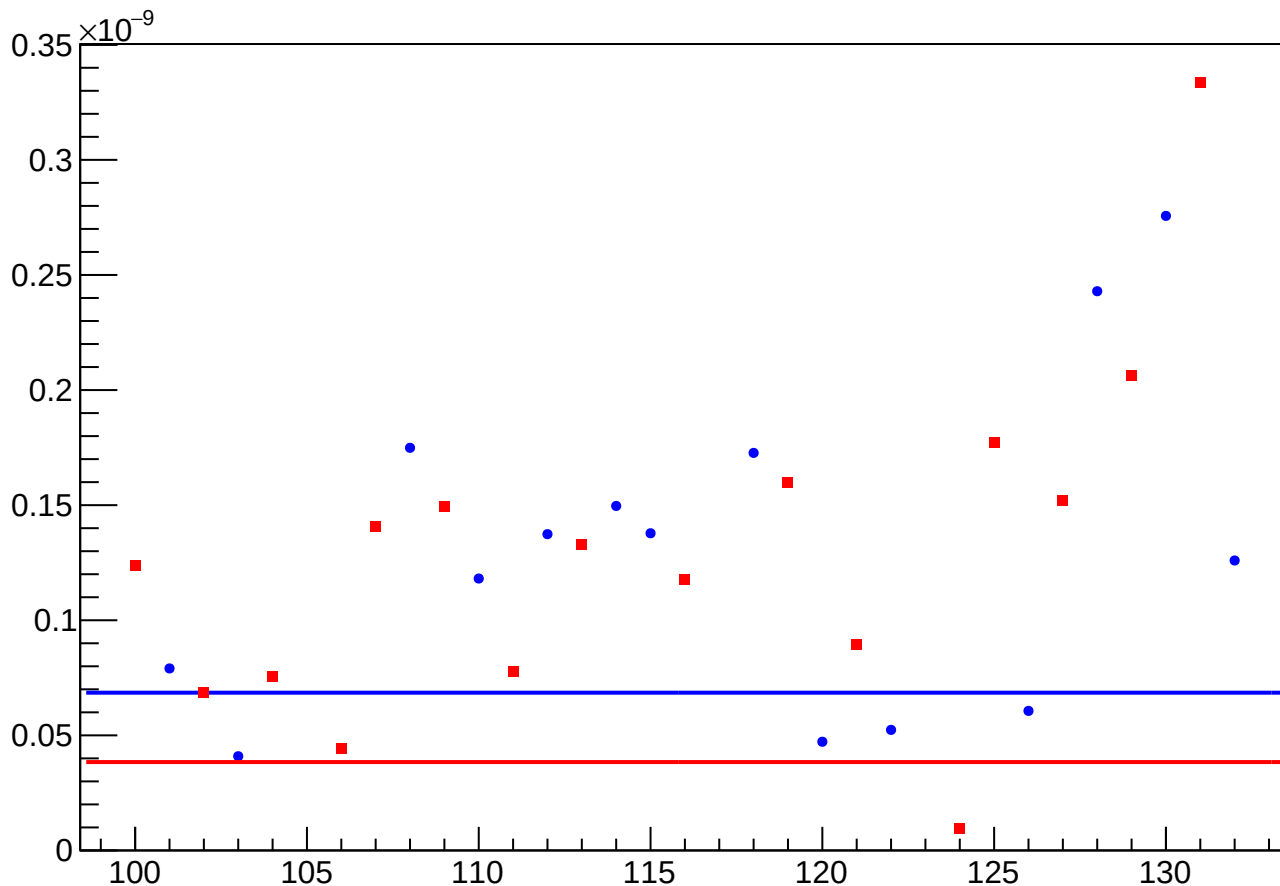
Right: -0.000 ± 0.000 χ^2/NDF : 20.2/29

In: -0.000 ± 0.000 χ^2/NDF : 8.0/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 20.2/29

asym_atr1l2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1274334.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2895794.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

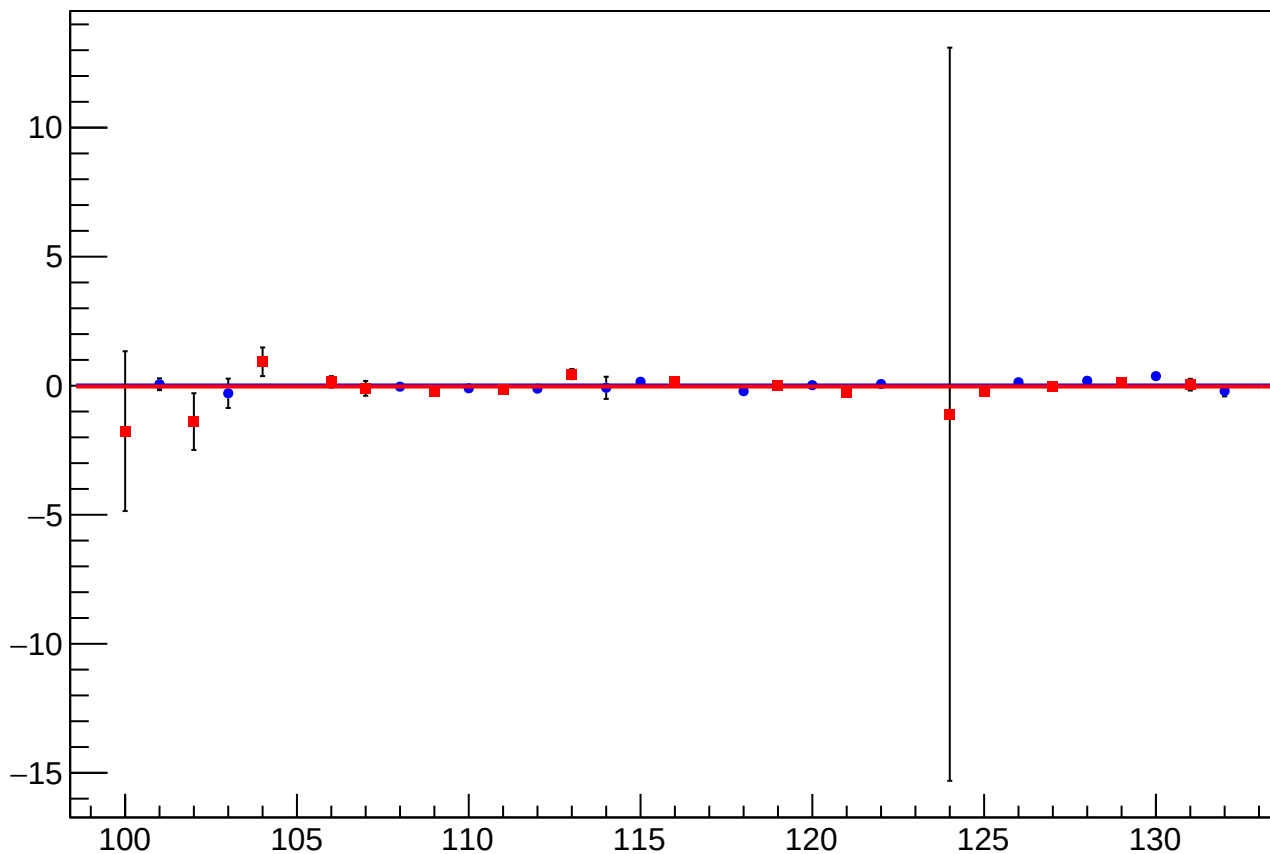
Right: 0.000+/-0.000 χ^2/NDF : 4600979.4/29

In: 0.000+/-0.000 χ^2/NDF : 1274334.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4600979.4/29

asym_atr1l2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.049 χ^2/NDF : 11.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.032+/-0.048 χ^2/NDF : 20.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

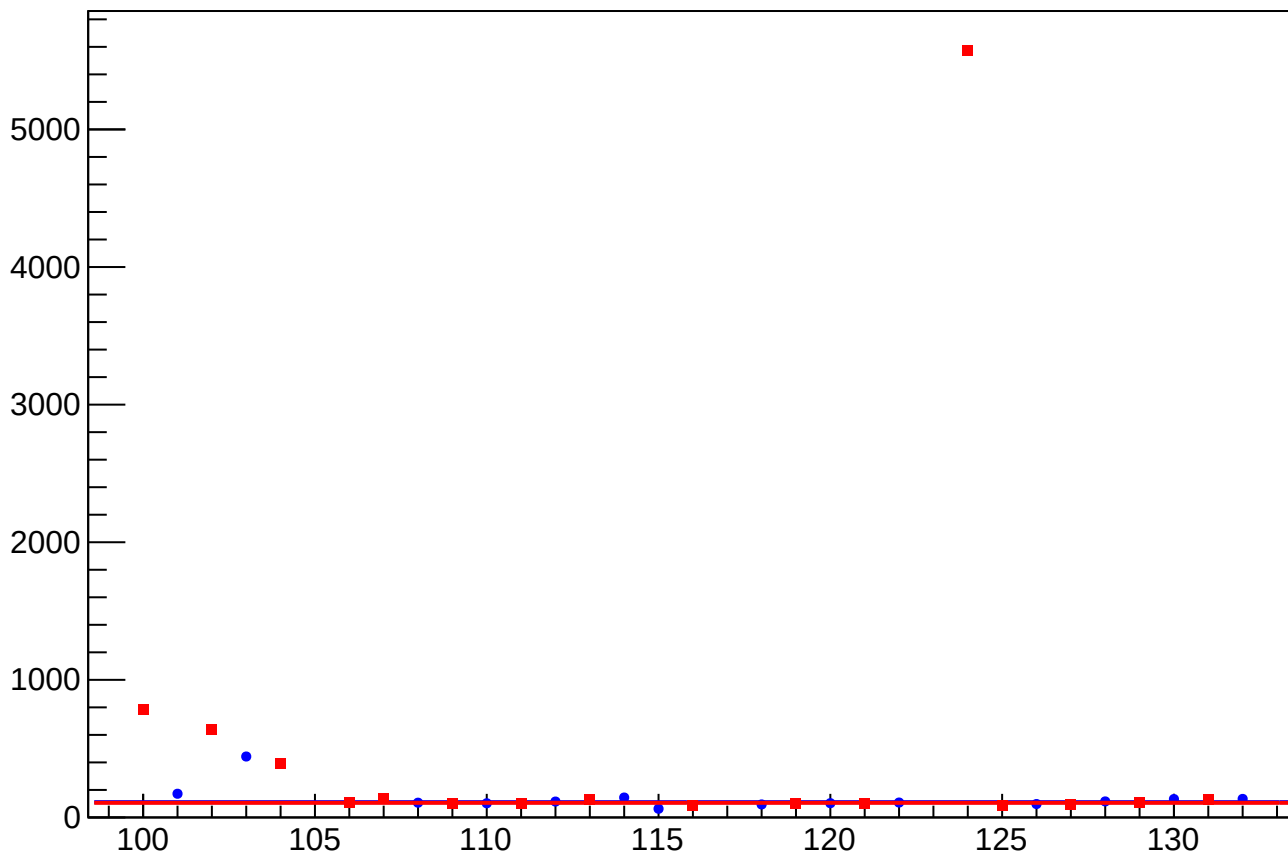
Right: -0.012+/-0.034 χ^2/NDF : 32.0/29

In: 0.009+/-0.049 χ^2/NDF : 11.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.012+/-0.034 χ^2/NDF : 32.0/29

asym_atr1l2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 111.234 +/- 0.035 χ^2/NDF : 1095280.7/13

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 106.423 +/- 0.034 χ^2/NDF : 1577353.2/15

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

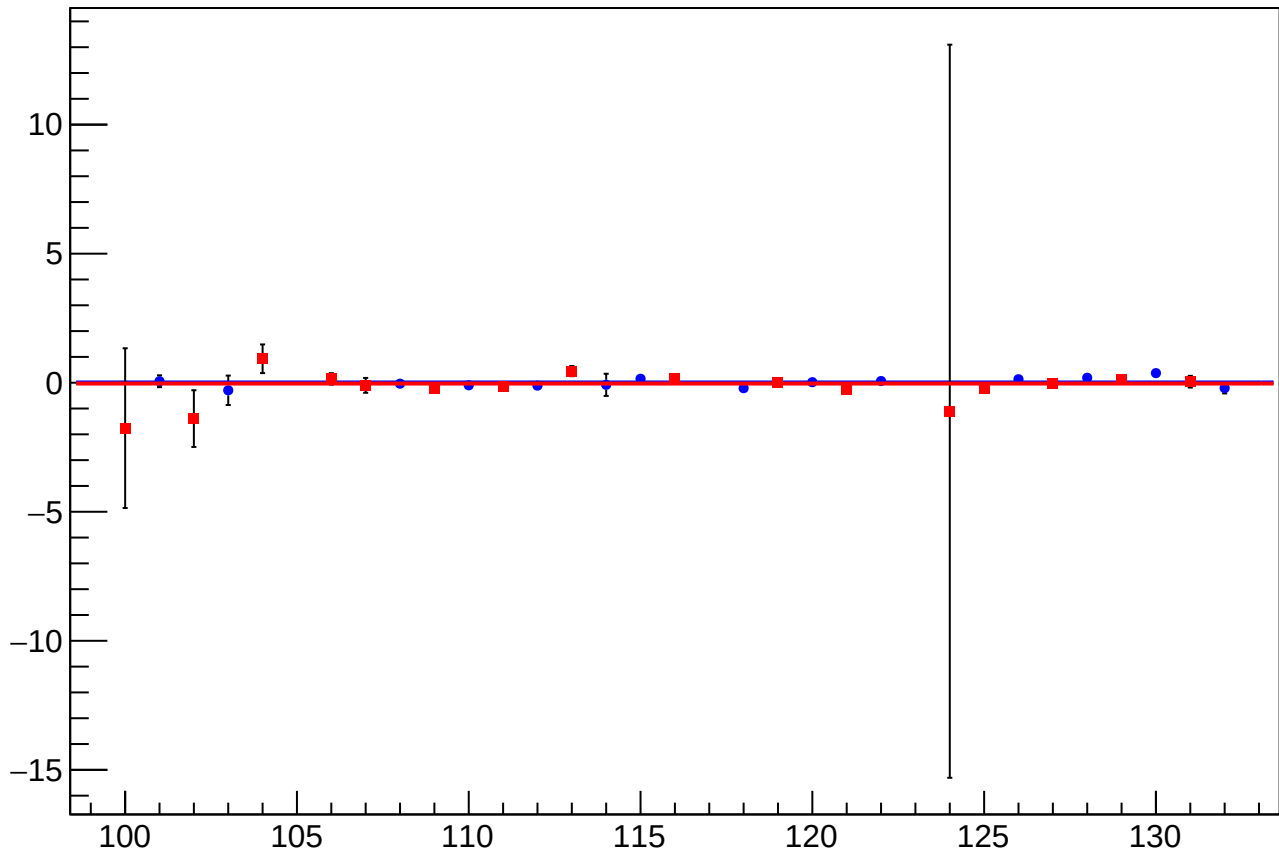
Right: 108.770 +/- 0.024 χ^2/NDF : 2682405.1/29

In: 111.234 +/- 0.035 χ^2/NDF : 1095280.7/13

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 108.770 +/- 0.024 χ^2/NDF : 2682405.1/29

asym_atr1l2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.049 χ^2/NDF : 11.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.032+/-0.048 χ^2/NDF : 20.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

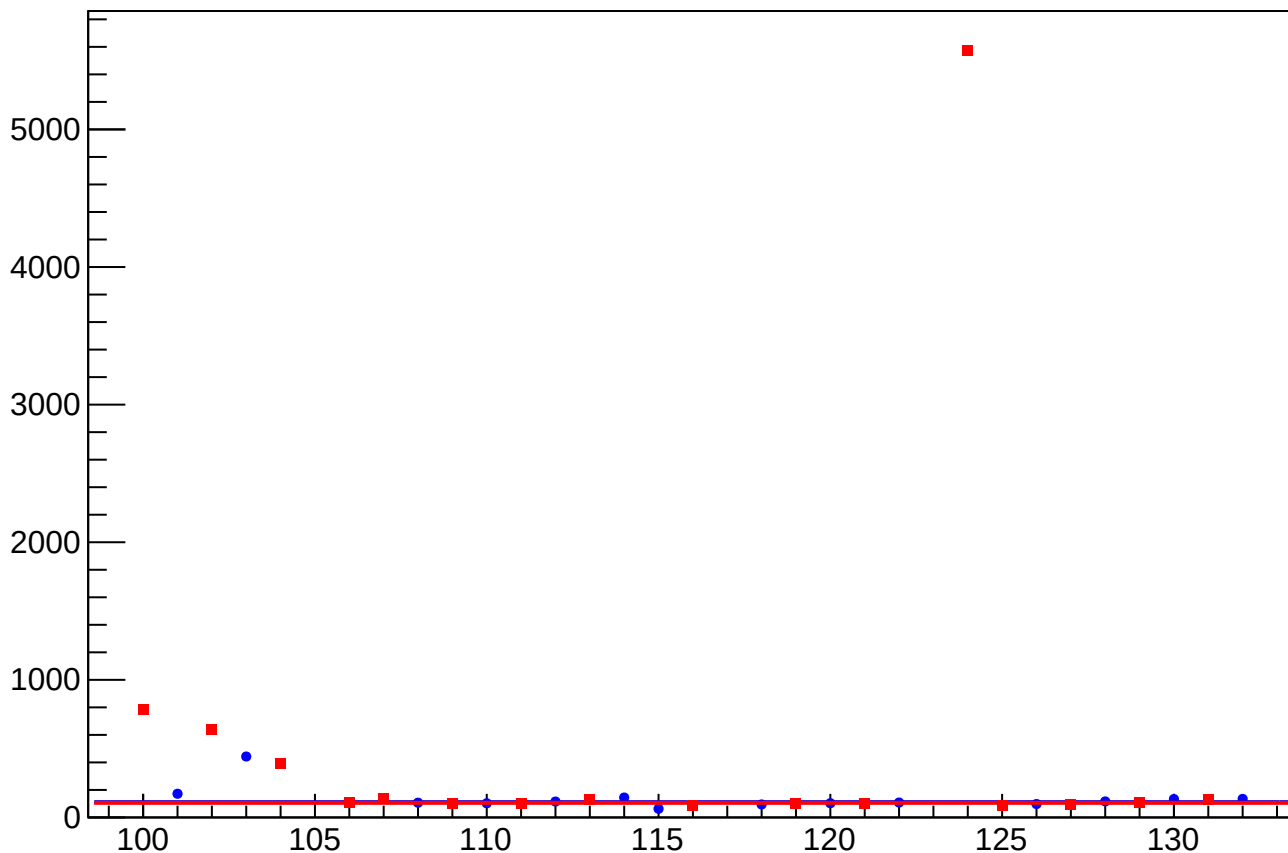
Right: -0.012+/-0.034 χ^2/NDF : 32.0/29

In: 0.009+/-0.049 χ^2/NDF : 11.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.012+/-0.034 χ^2/NDF : 32.0/29

asym_atr1l2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 111.234+/-0.035 χ^2/NDF : 1095280.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.423+/-0.034 χ^2/NDF : 1577353.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

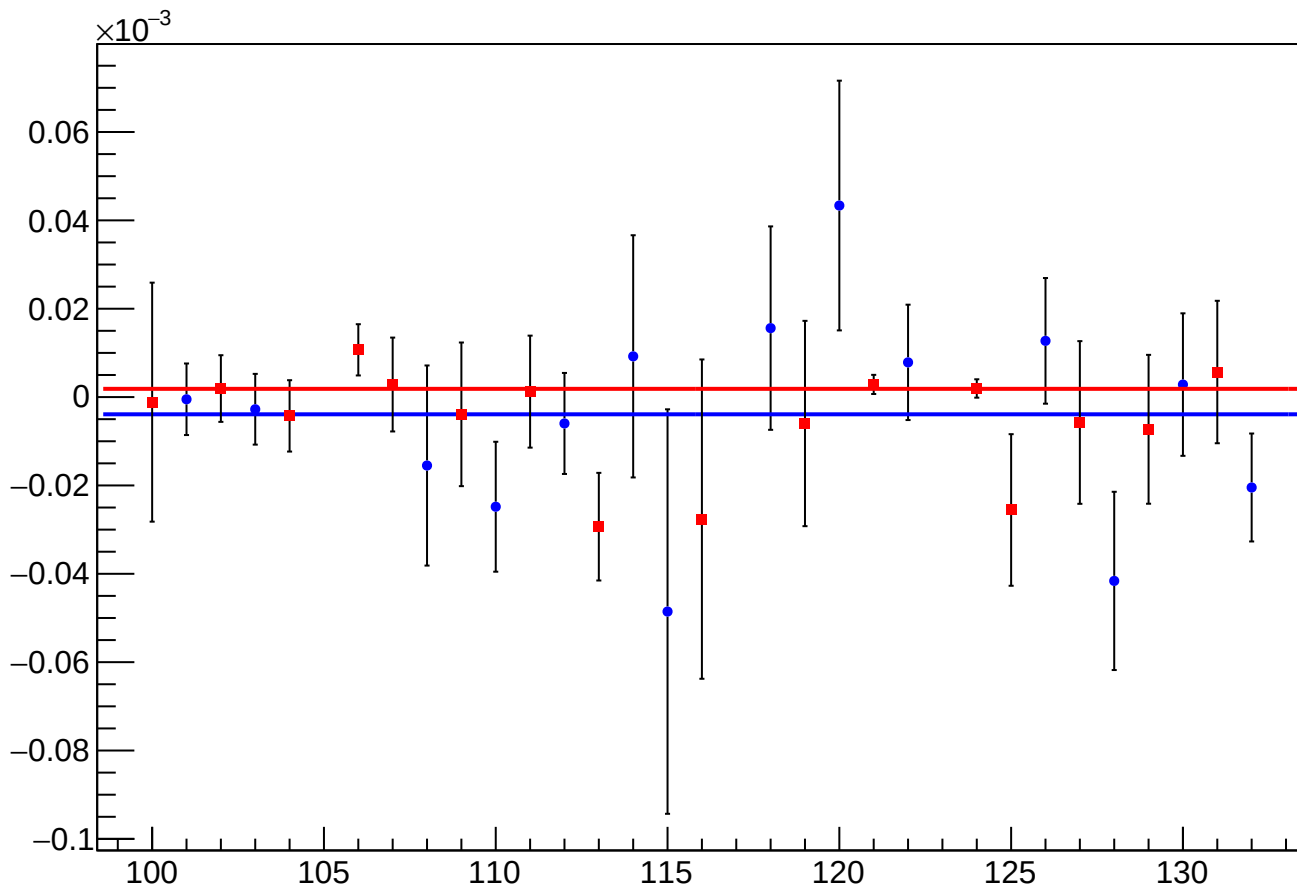
Right: 108.770+/-0.024 χ^2/NDF : 2682405.1/29

In: 111.234+/-0.035 χ^2/NDF : 1095280.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.770+/-0.024 χ^2/NDF : 2682405.1/29

asym_atr1l2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 14.9/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 13.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

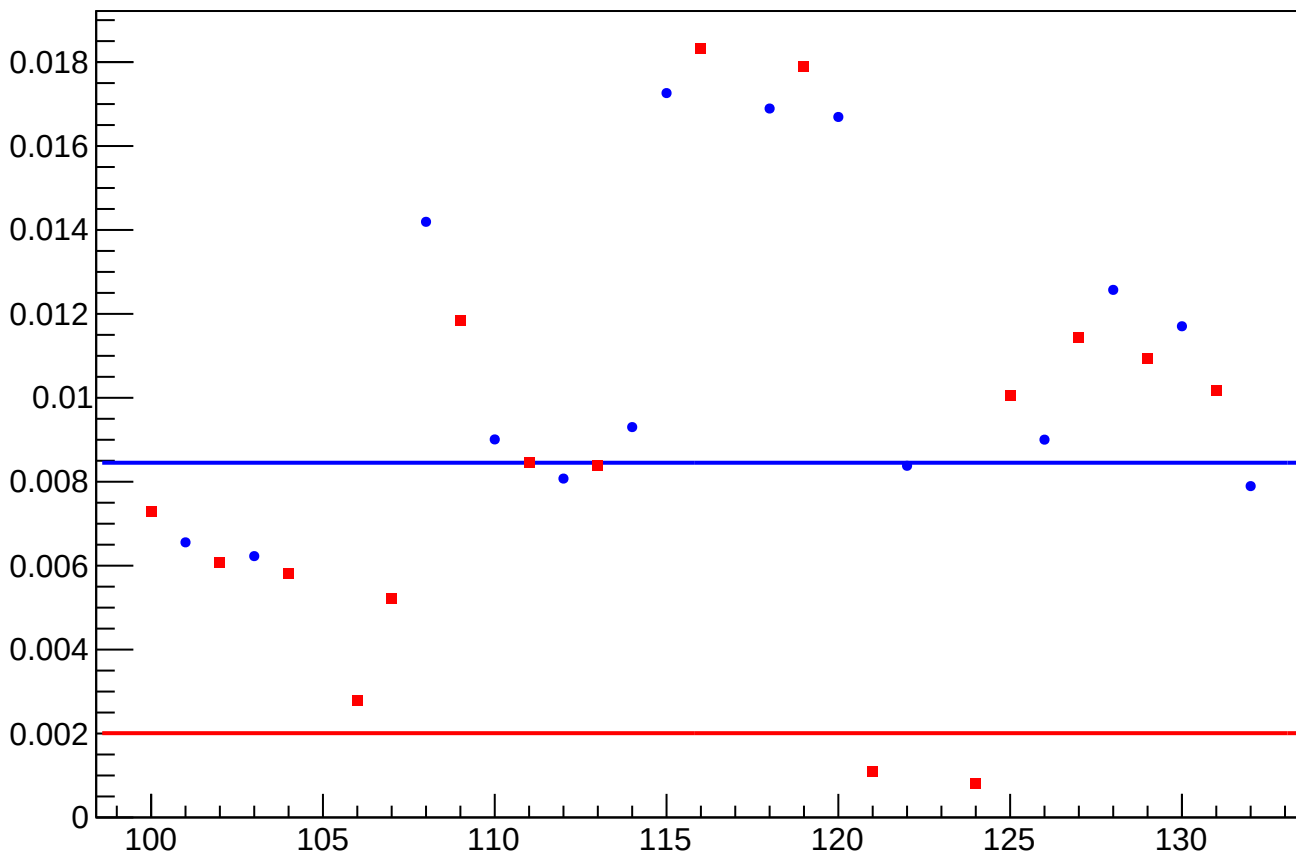
Right: 0.000 ± 0.000 χ^2/NDF : 30.7/29

In: -0.000 ± 0.000 χ^2/NDF : 14.9/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 30.7/29

asym_atr1l2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000

χ^2/NDF : 1084584.8/13

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000

χ^2/NDF : 7501647.1/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.003+/-0.000

χ^2/NDF : 13992996.1/29

In: 0.008+/-0.000

χ^2/NDF : 1084584.8/13

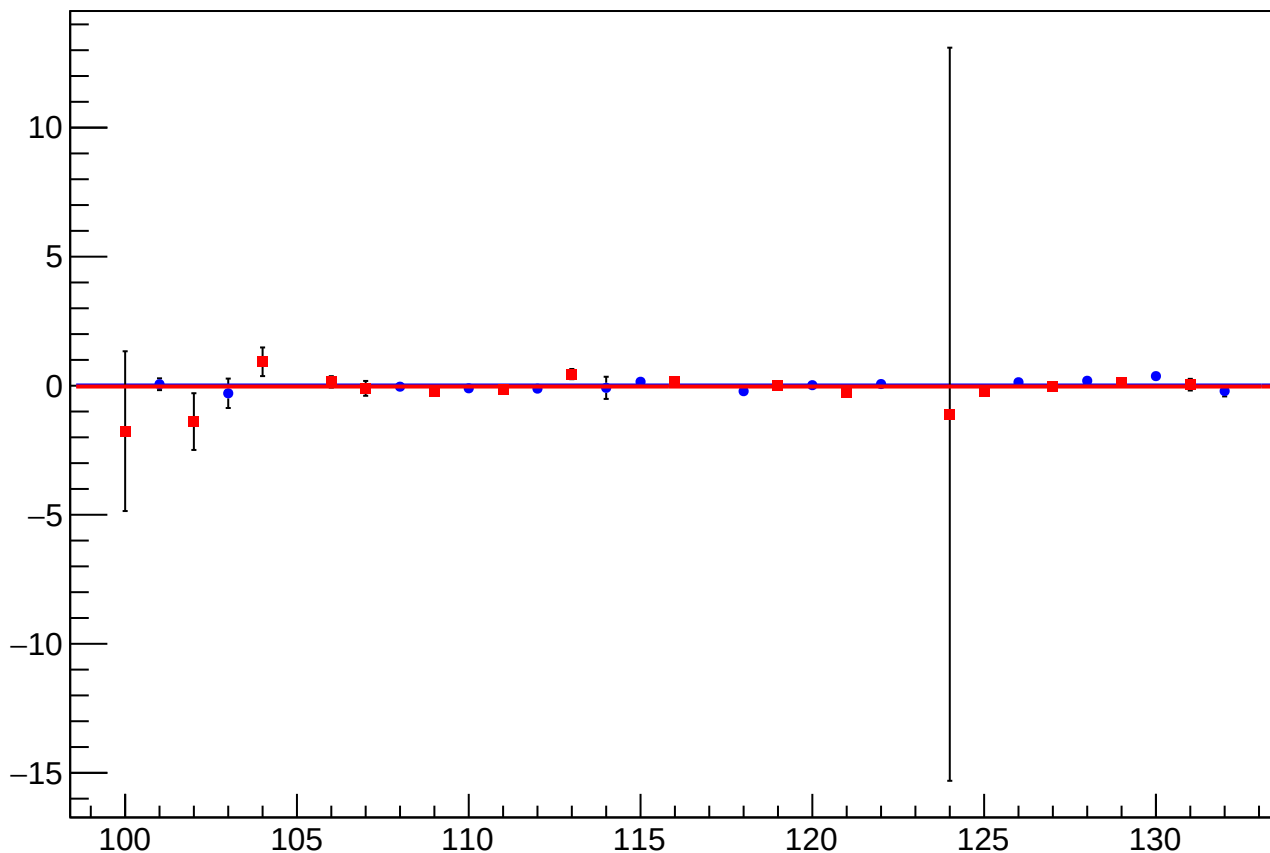
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.003+/-0.000

χ^2/NDF : 13992996.1/29

asym_atr1l2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.049 χ^2 /NDF: 11.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.032 $\pm$ 0.048 χ^2 /NDF: 20.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

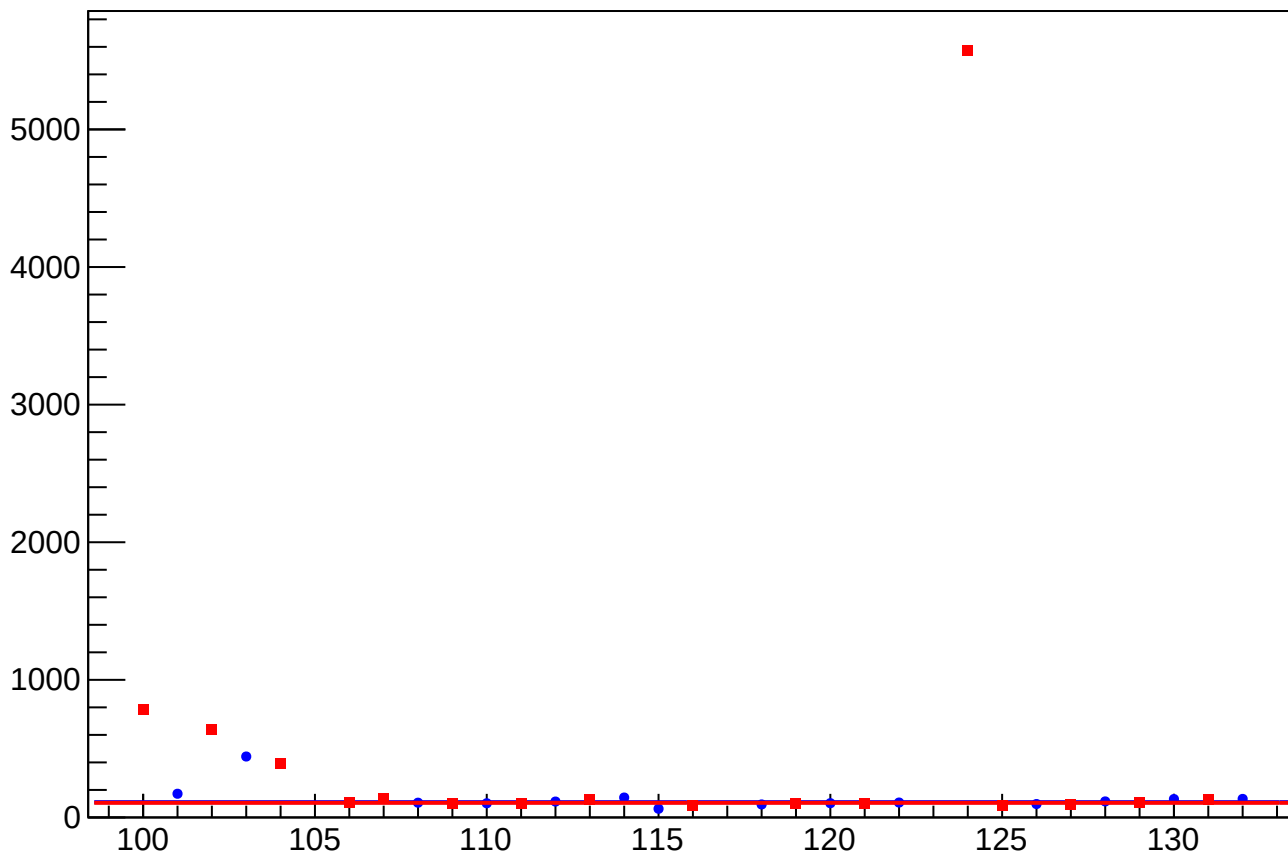
Right: -0.012 $\pm$ 0.034 χ^2 /NDF: 32.0/29

In: 0.009 $\pm$ 0.049 χ^2 /NDF:11.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.012 $\pm$ 0.034 χ^2 /NDF: 32.0/29

asym_atr1l2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 111.234 +/- 0.035 χ^2 /NDF: 1095235.7/13

Left Out: 0.000 +/- 0.000 χ^2 /NDF: 0.0/0

Right Out: 106.425 +/- 0.034 χ^2 /NDF: 1577301.0/15

Left In: 0.000 +/- 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 +/- 0.000 χ^2 /NDF: 0.0/0

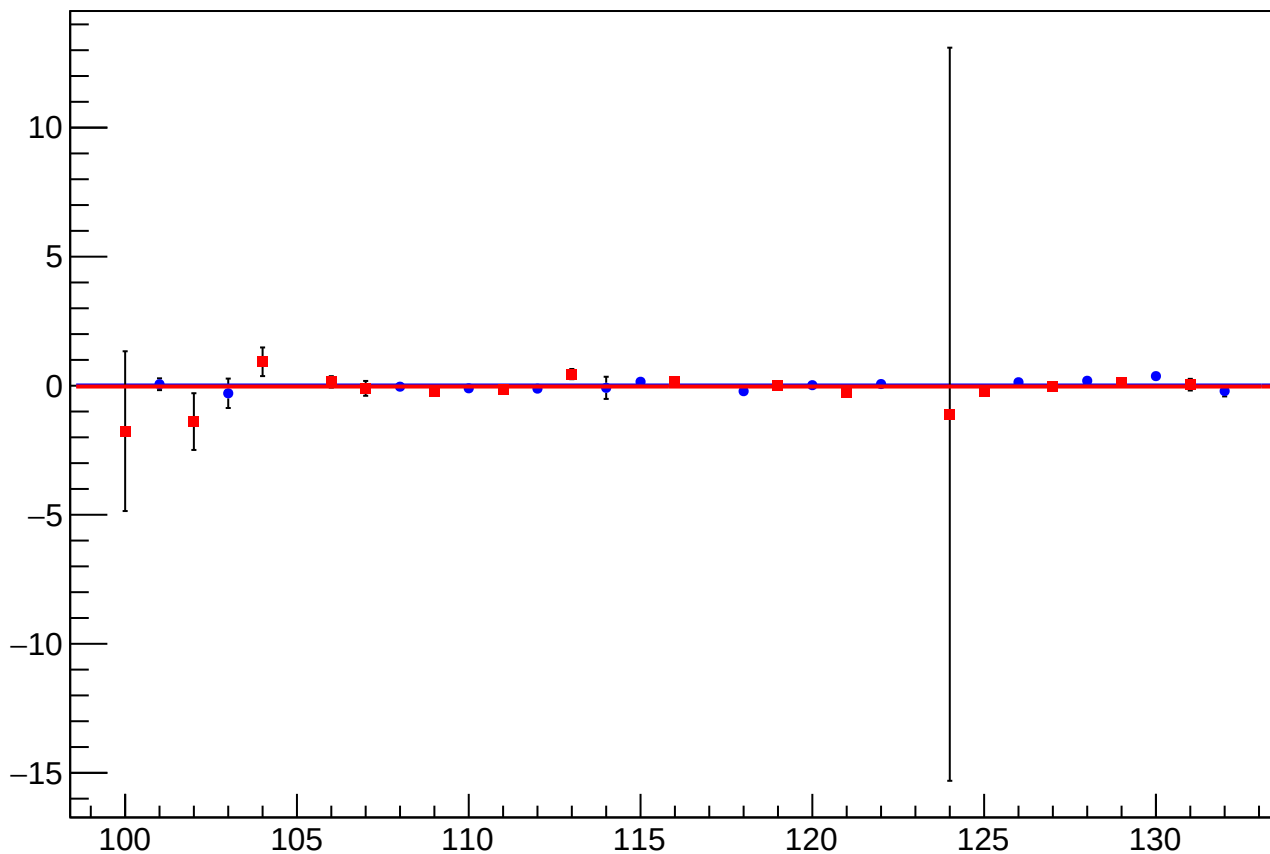
Right: 108.771 +/- 0.024 χ^2 /NDF: 2682301.2/29

In: 111.234 +/- 0.035 χ^2 /NDF: 1095235.7/13

Out: 0.000 +/- 0.000 χ^2 /NDF: 0.0/0

All: 108.771 +/- 0.024 χ^2 /NDF: 2682301.2/29

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.049 χ^2/NDF : 11.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.032+/-0.048 χ^2/NDF : 20.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

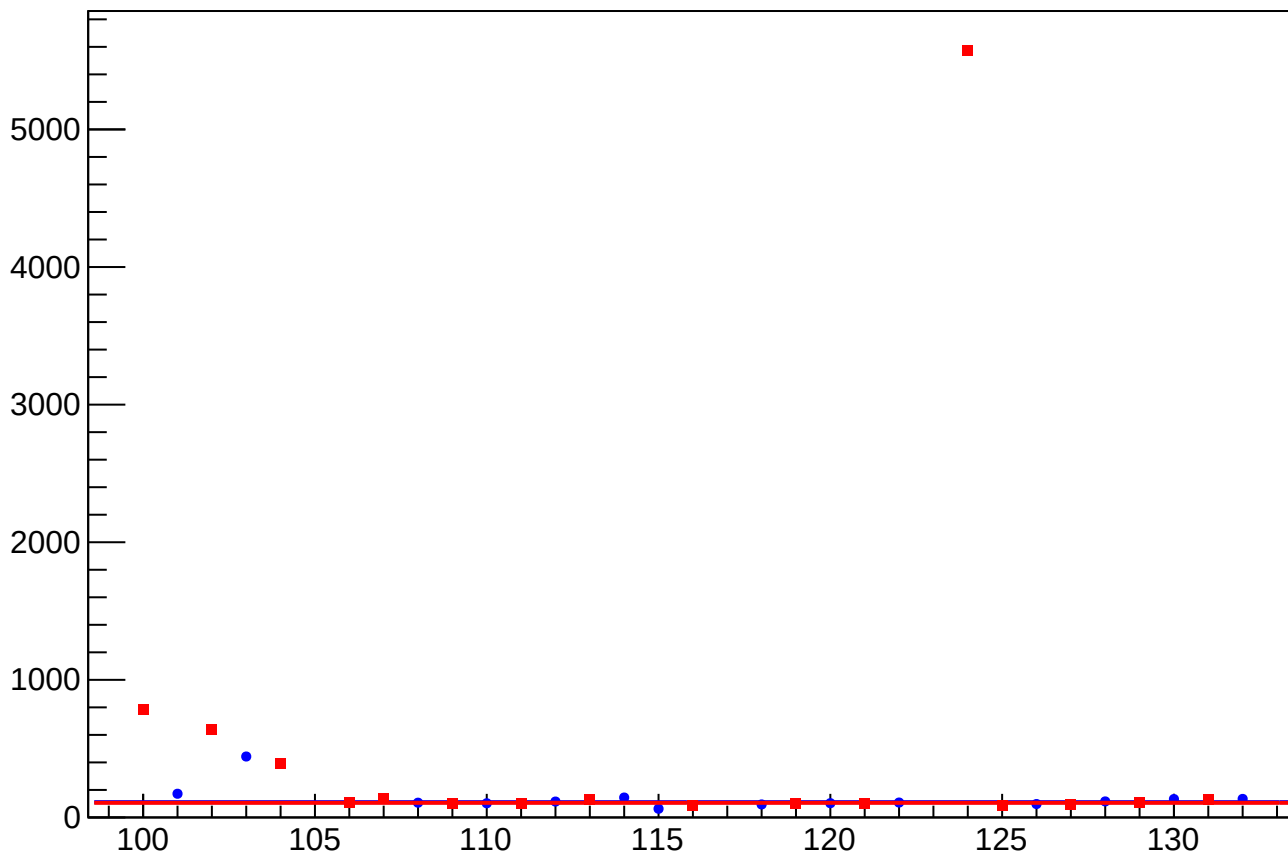
Right: -0.012+/-0.034 χ^2/NDF : 32.0/29

In: 0.009+/-0.049 χ^2/NDF : 11.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.012+/-0.034 χ^2/NDF : 32.0/29

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 111.234 $\pm$ 0.035 χ^2 /NDF: 1095235.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 106.425 $\pm$ 0.034 χ^2 /NDF: 1577301.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

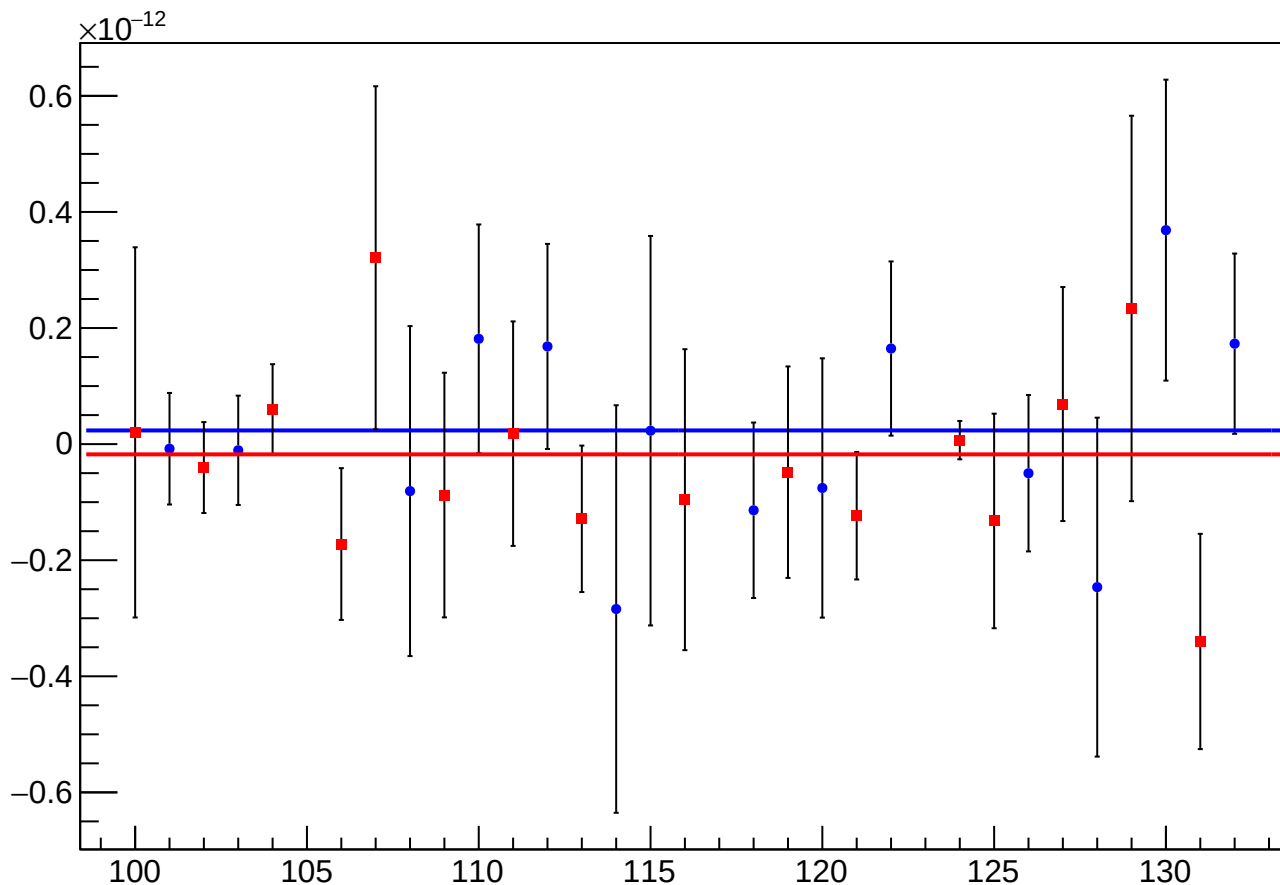
Right: 108.771 $\pm$ 0.024 χ^2 /NDF: 2682301.2/29

In: 111.234 $\pm$ 0.035 χ^2 /NDF:1095235.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 108.771 $\pm$ 0.024 χ^2 /NDF: 2682301.2/29

asym_atr1l2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

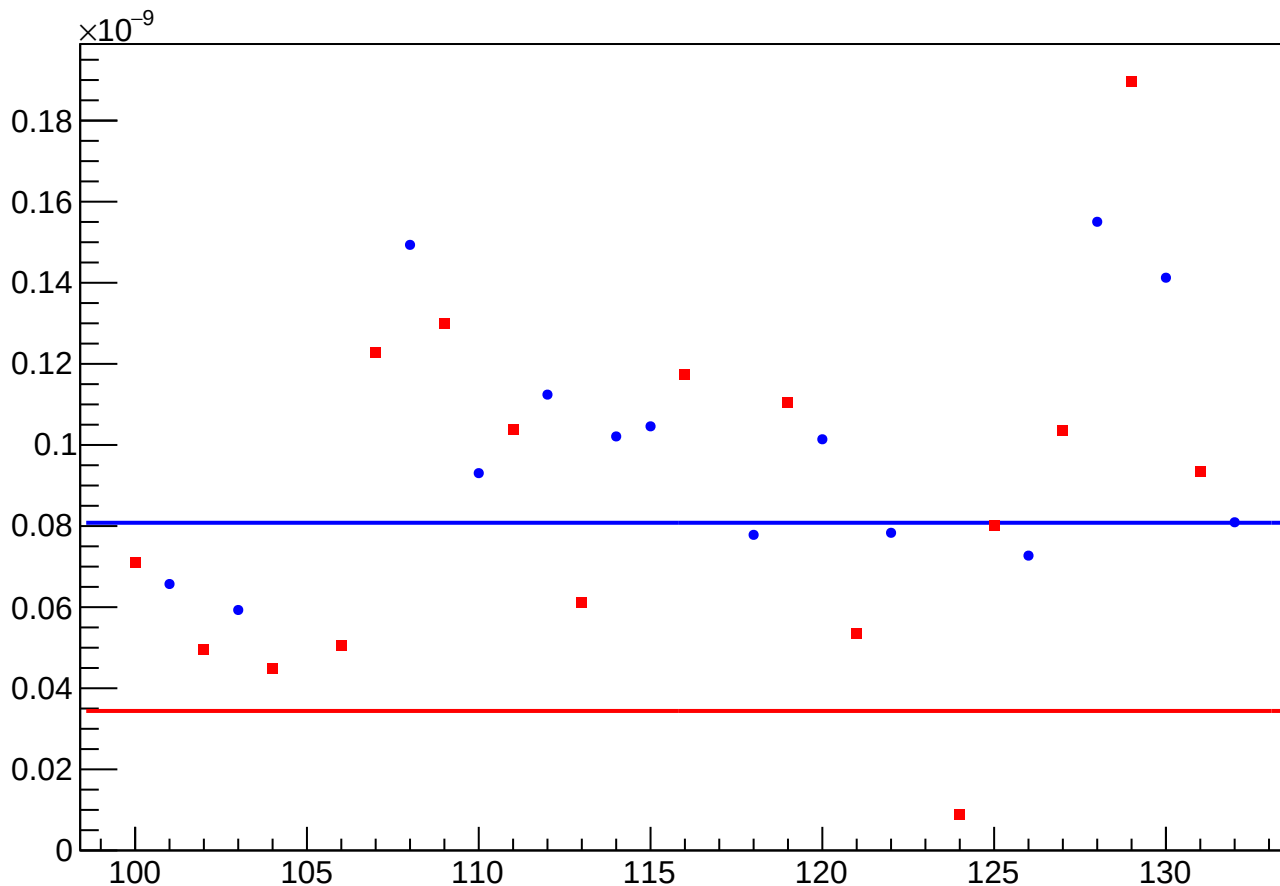
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 19.4/29

In: 0.000 $\pm$ 0.000 χ^2 /NDF:8.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 19.4/29

asym_atr1l2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 622663.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3920549.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

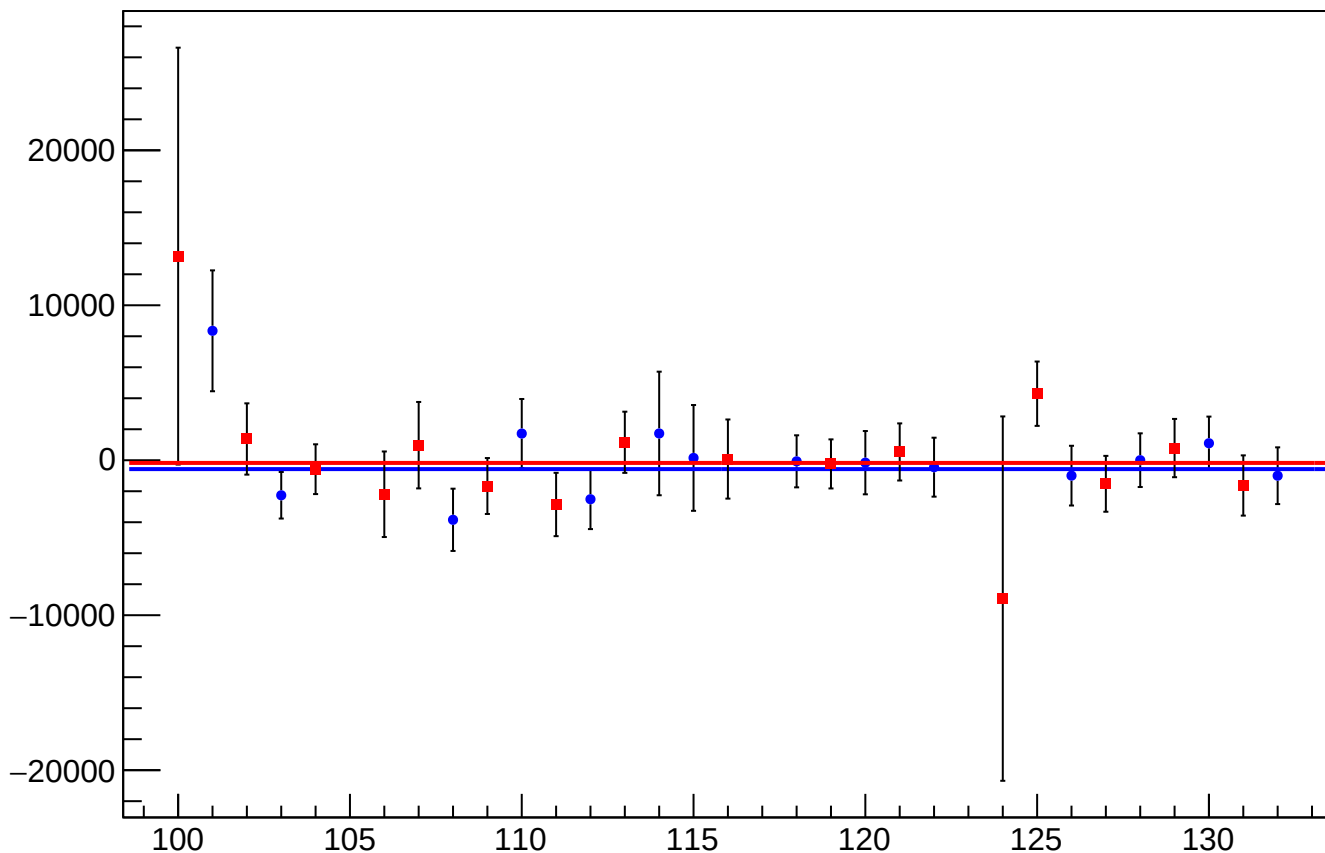
Right: 0.000+/-0.000 χ^2/NDF : 6296484.2/29

In: 0.000+/-0.000 χ^2/NDF : 622663.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6296484.2/29

reg_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -571.910+/-535.663 χ^2/NDF : 12.9/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -173.251+/-528.071 χ^2/NDF : 11.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

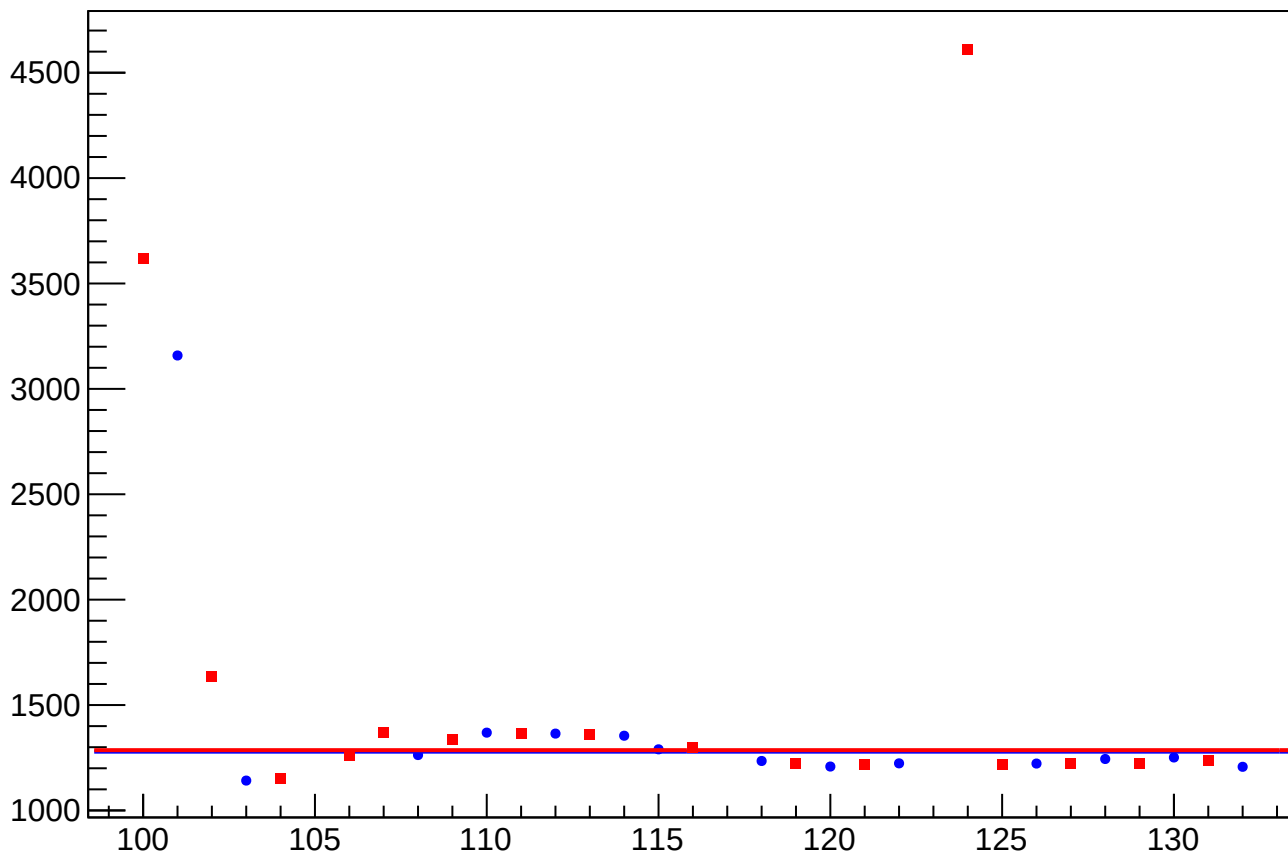
Right: -369.735+/-376.058 χ^2/NDF : 25.0/29

In: -571.910+/-535.663 χ^2/NDF :12.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -369.735+/-376.058 χ^2/NDF : 25.0/29

reg_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1278.879+/-0.379 χ^2/NDF : 500878.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1285.946+/-0.372 χ^2/NDF : 303955.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

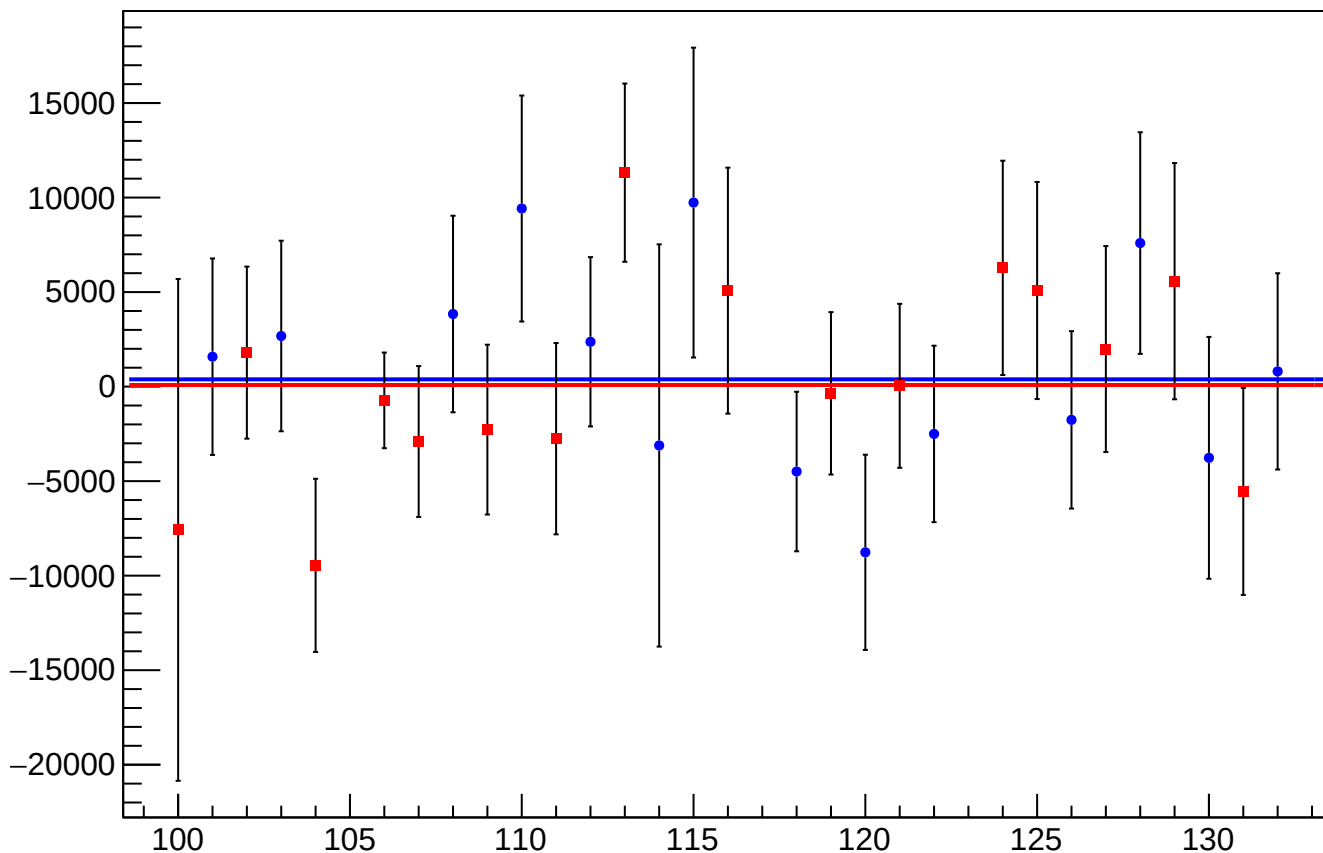
Right: 1282.474+/-0.265 χ^2/NDF : 805010.3/29

In: 1278.879+/-0.379 χ^2/NDF : 500878.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1282.474+/-0.265 χ^2/NDF : 805010.3/29

asym_atl_dd_atr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 384.055+/-1427.553 χ^2/NDF : 11.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.501+/-1162.841 χ^2/NDF : 16.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

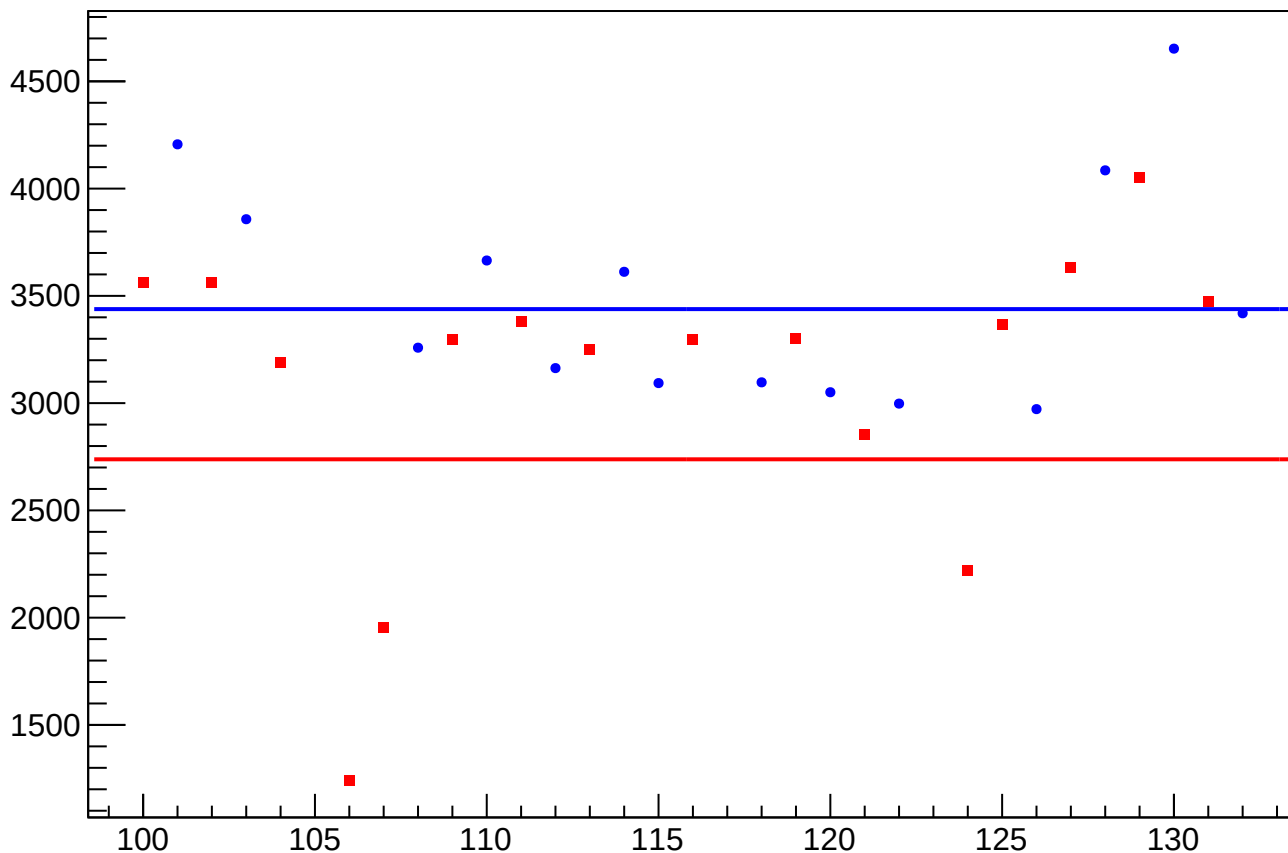
Right: 204.584+/-901.583 χ^2/NDF : 27.9/29

In: 384.055+/-1427.553 χ^2/NDF : 11.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 204.584+/-901.583 χ^2/NDF : 27.9/29

asym_atl_dd_atr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3438.273+/-1.009 χ^2/NDF : 232786.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2738.152+/-0.822 χ^2/NDF : 1226964.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

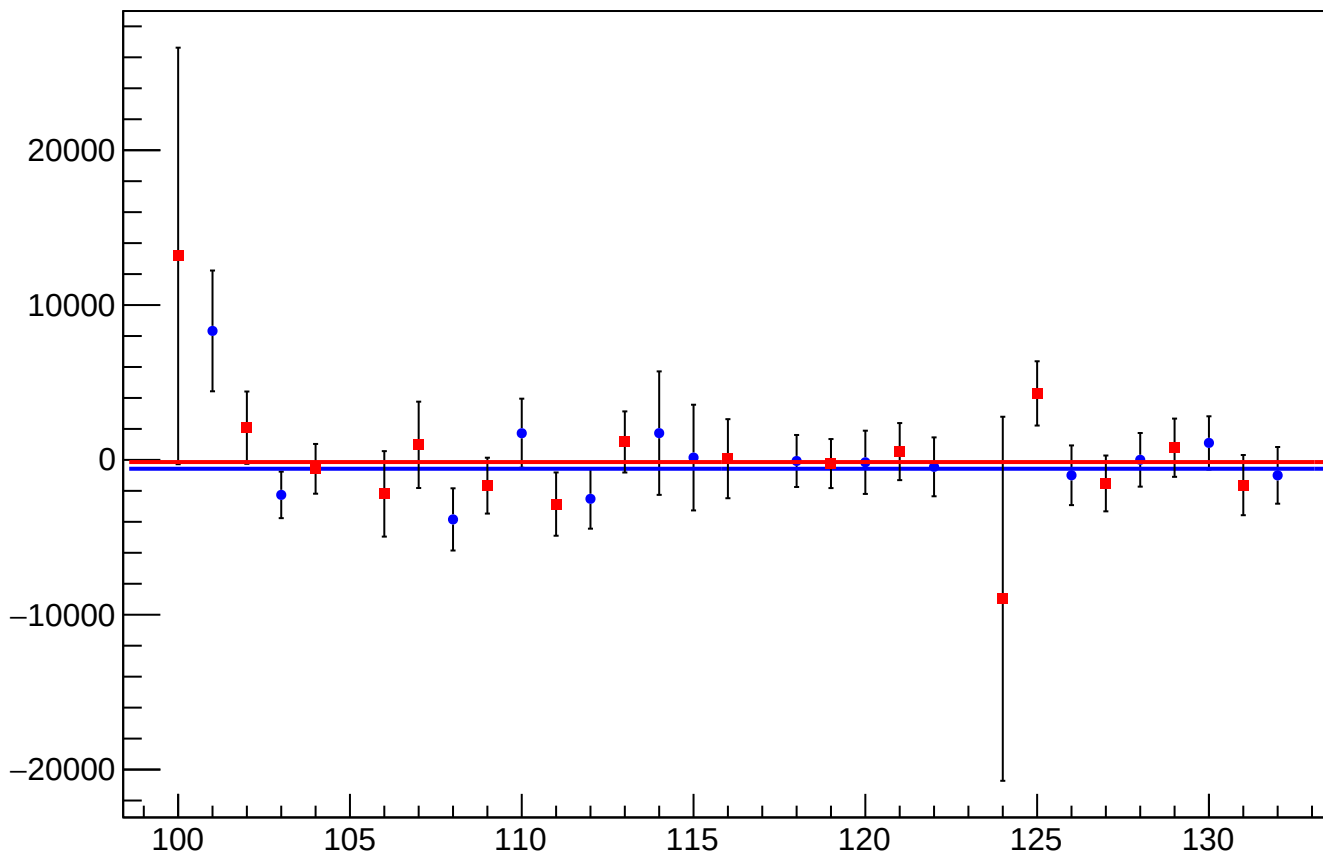
Right: 3017.406+/-0.638 χ^2/NDF : 1748926.9/29

In: 3438.273+/-1.009 χ^2/NDF : 232786.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3017.406+/-0.638 χ^2/NDF : 1748926.9/29

cor_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -572.381+/-535.663 χ^2/NDF : 12.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -139.394+/-528.482 χ^2/NDF : 12.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

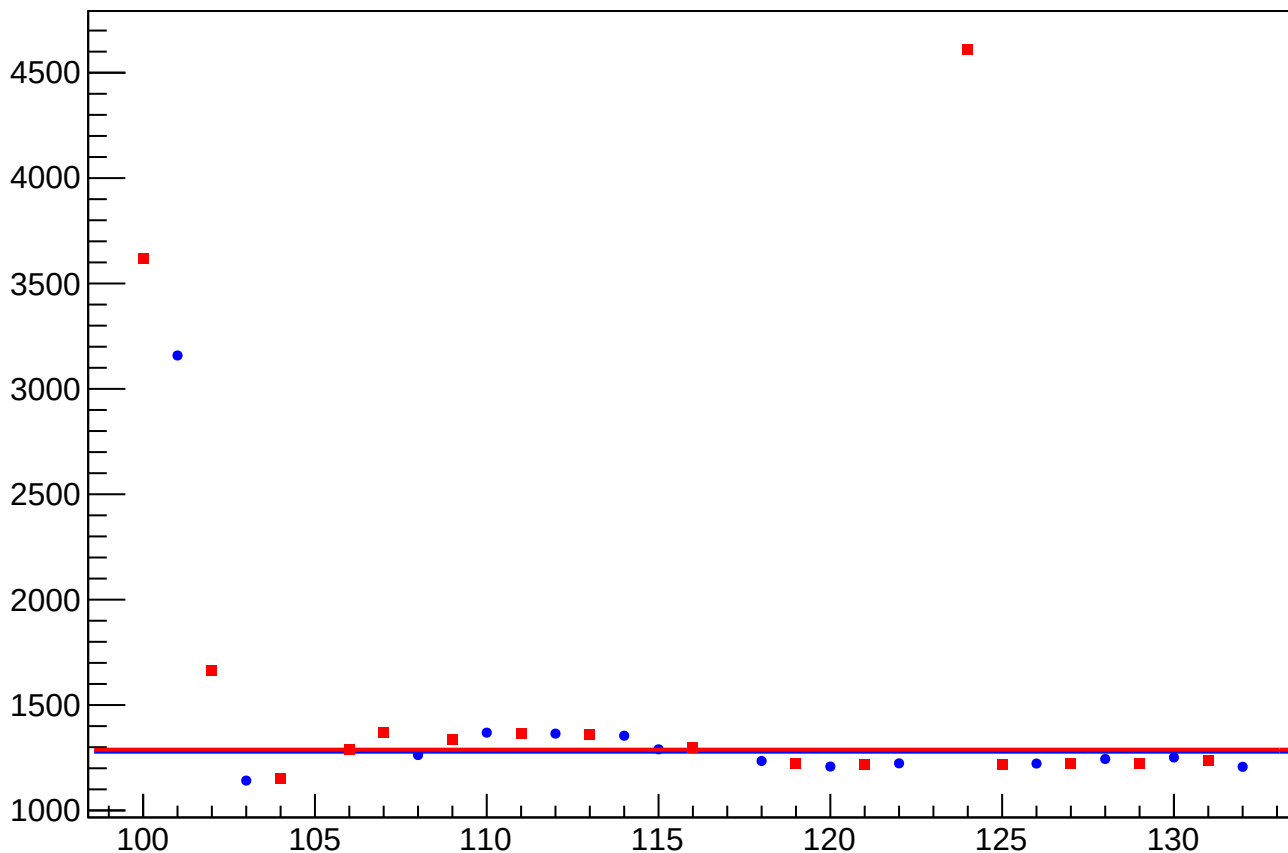
Right: -352.965+/-376.206 χ^2/NDF : 25.5/29

In: -572.381+/-535.663 χ^2/NDF : 12.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -352.965+/-376.206 χ^2/NDF : 25.5/29

cor_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1278.879+/-0.379 χ^2/NDF : 500879.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1288.280+/-0.373 χ^2/NDF : 310914.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

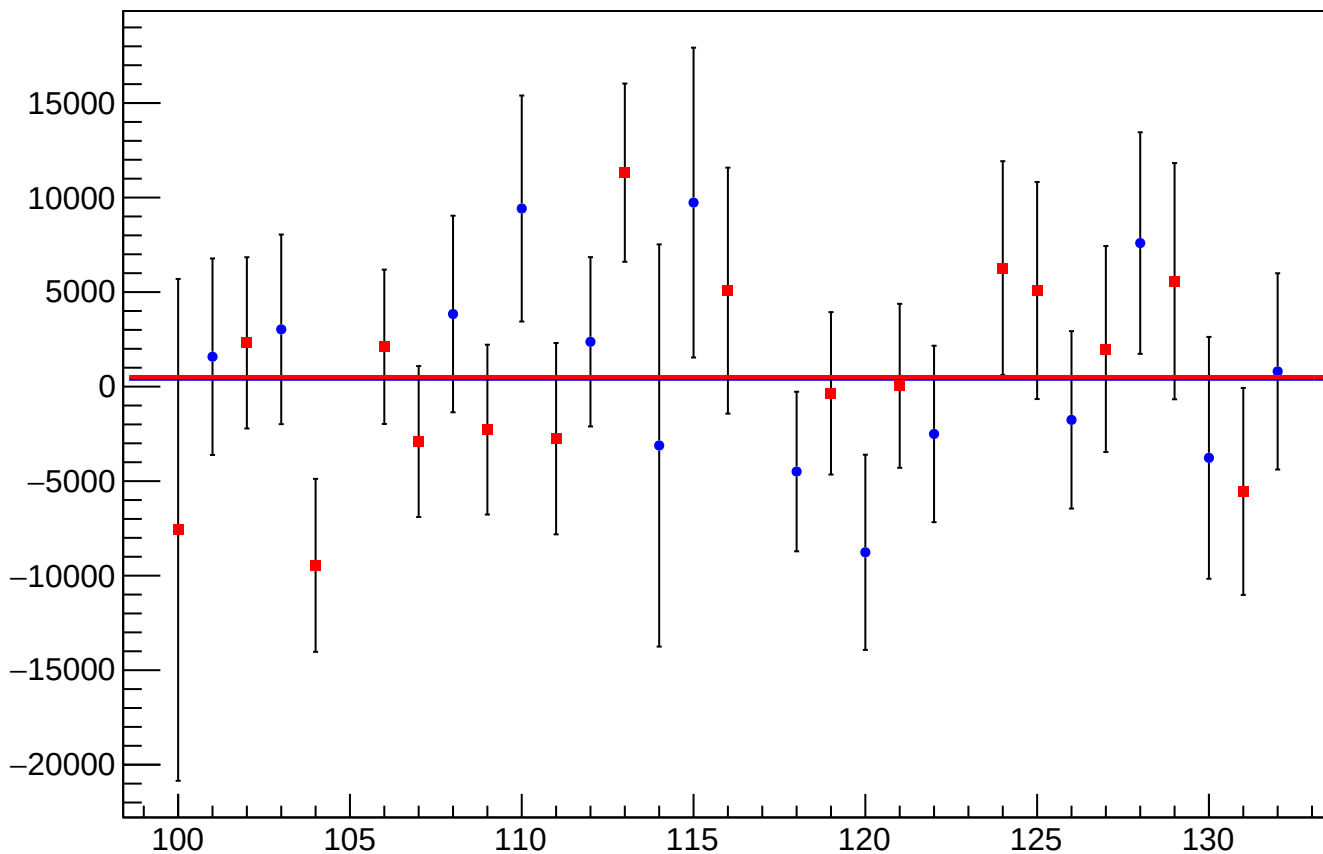
Right: 1283.653+/-0.266 χ^2/NDF : 812106.3/29

In: 1278.879+/-0.379 χ^2/NDF : 500879.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1283.653+/-0.266 χ^2/NDF : 812106.3/29

asym_atl_dd_atr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 414.235 $\pm$ 1426.984 χ^2 /NDF: 11.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 510.547 $\pm$ 1246.284 χ^2 /NDF: 16.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

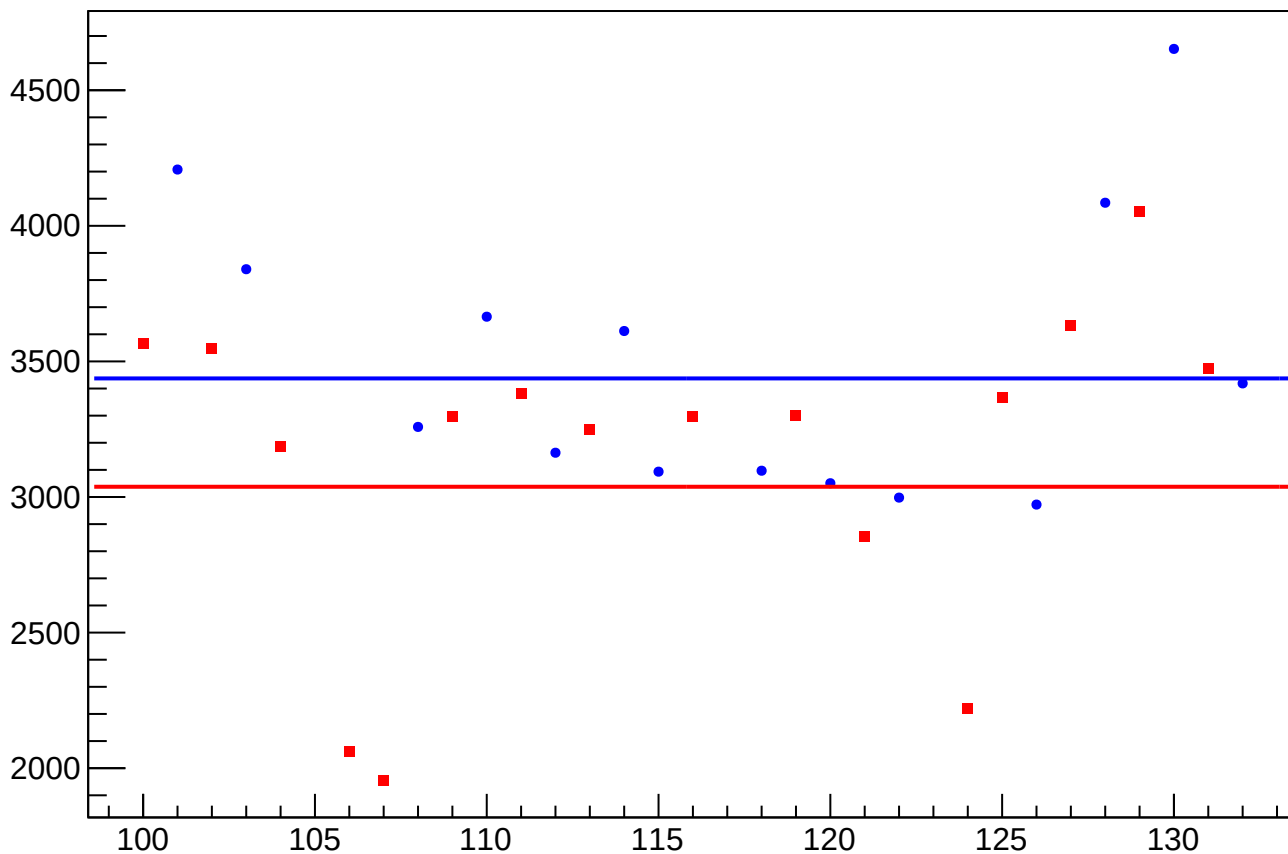
Right: 468.872 $\pm$ 938.682 χ^2 /NDF: 28.1/29

In: 414.235 $\pm$ 1426.984 χ^2 /NDF:11.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 468.872 $\pm$ 938.682 χ^2 /NDF: 28.1/29

asym_atl_dd_atr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3437.268+/-1.009 χ^2/NDF : 231903.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3037.788+/-0.881 χ^2/NDF : 464375.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

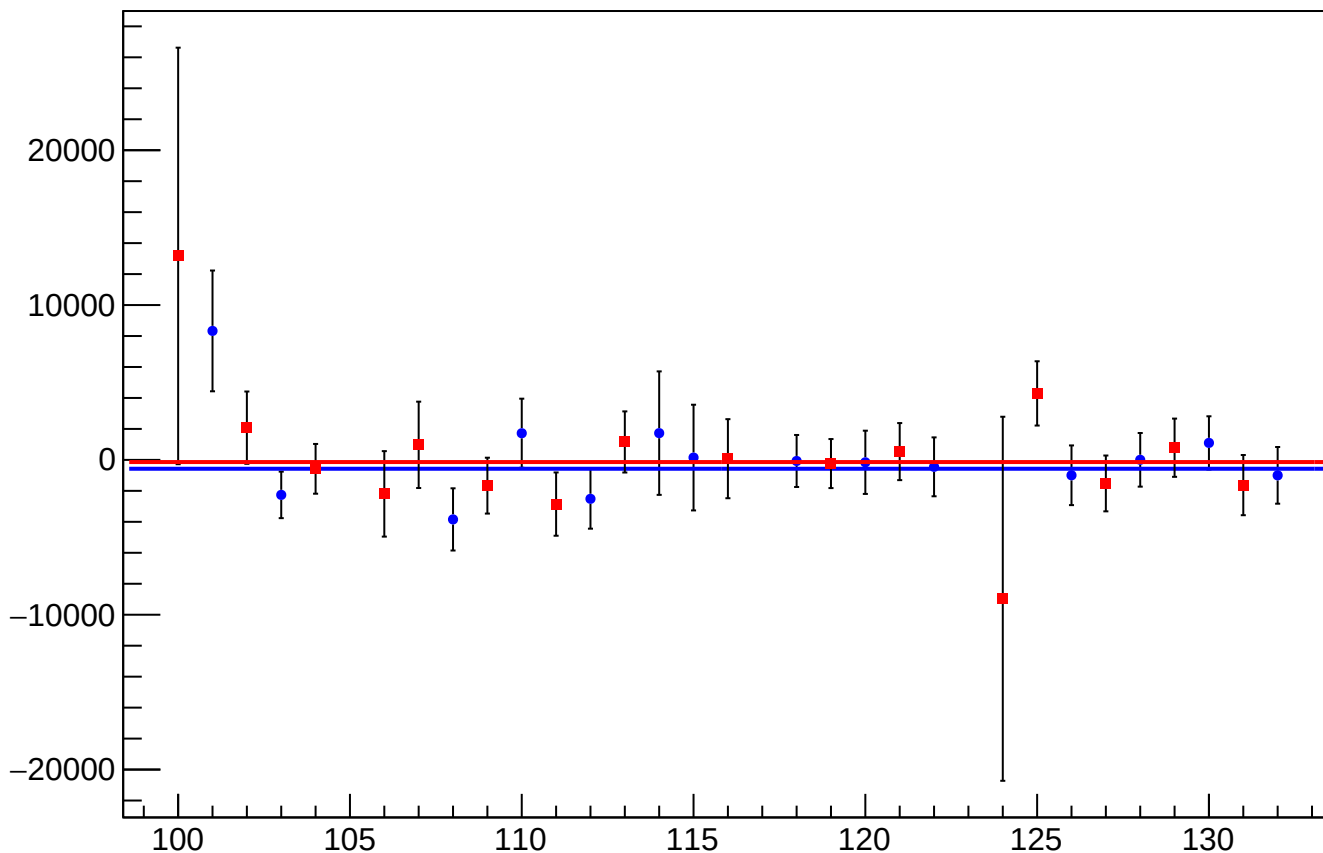
Right: 3210.648+/-0.664 χ^2/NDF : 785196.0/29

In: 3437.268+/-1.009 χ^2/NDF : 231903.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3210.648+/-0.664 χ^2/NDF : 785196.0/29

eigen_cor_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -572.381+/-535.663 χ^2/NDF : 12.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -139.394+/-528.482 χ^2/NDF : 12.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

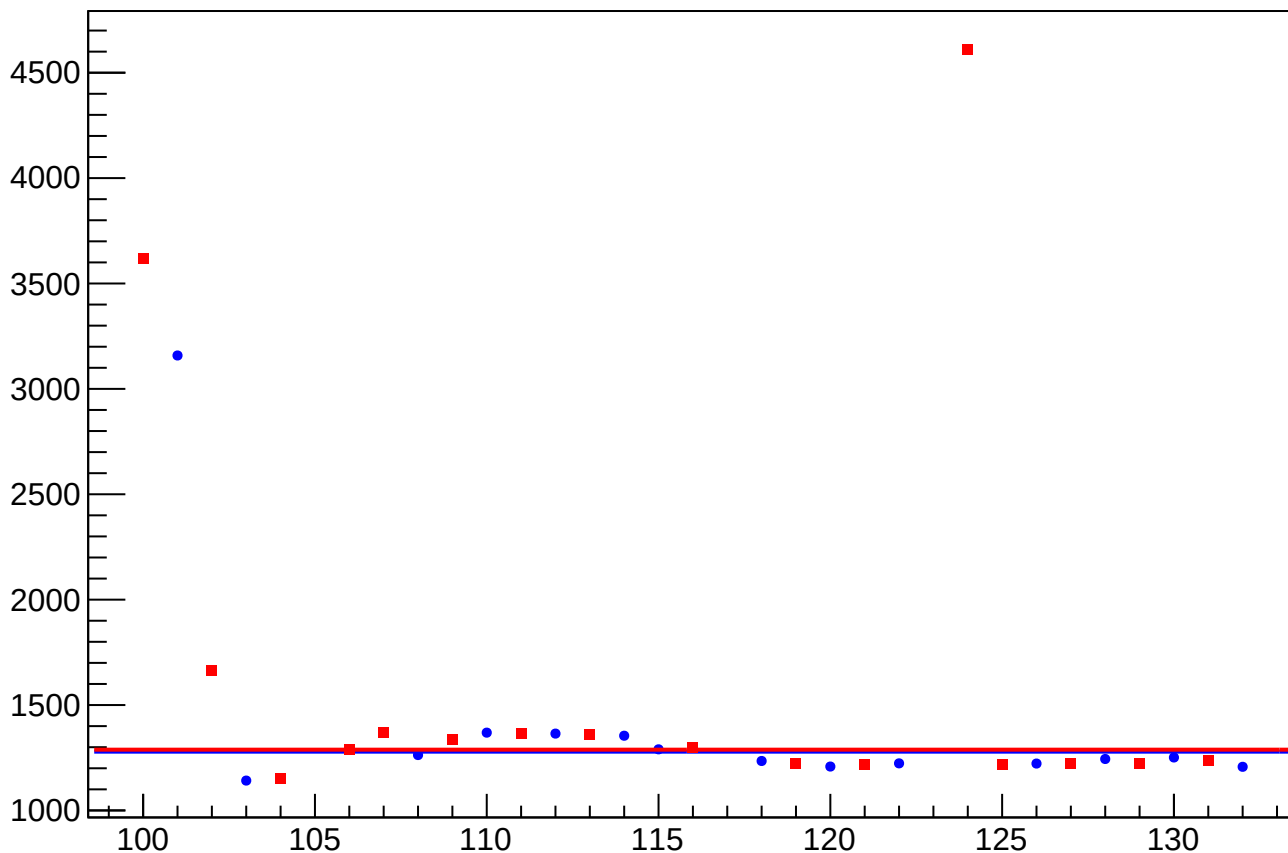
Right: -352.965+/-376.206 χ^2/NDF : 25.5/29

In: -572.381+/-535.663 χ^2/NDF : 12.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -352.965+/-376.206 χ^2/NDF : 25.5/29

eigen_cor_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1278.879+/-0.379 χ^2/NDF : 500879.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1288.280+/-0.373 χ^2/NDF : 310914.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

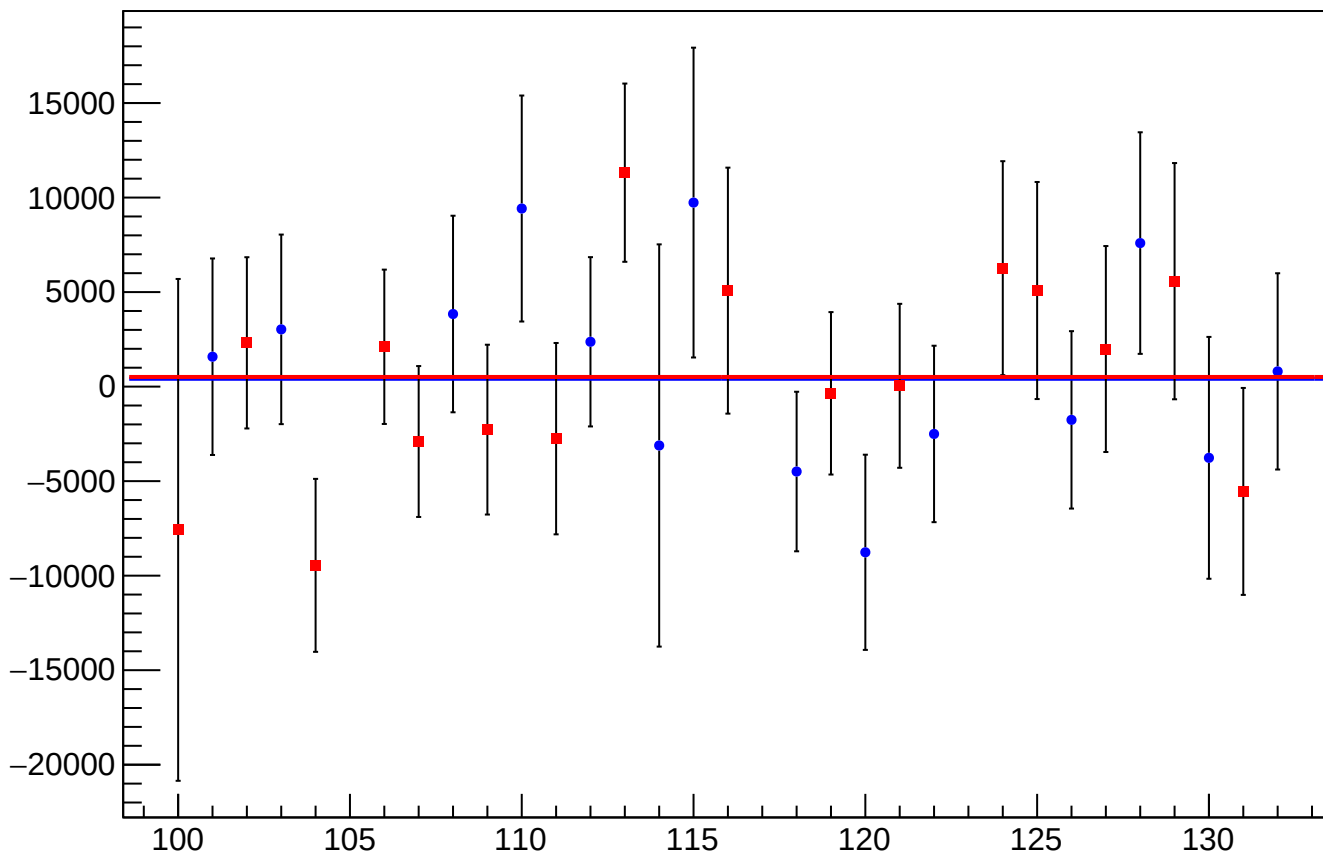
Right: 1283.653+/-0.266 χ^2/NDF : 812106.3/29

In: 1278.879+/-0.379 χ^2/NDF : 500879.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1283.653+/-0.266 χ^2/NDF : 812106.3/29

asym_atl_dd_atr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 414.235+/-1426.984 χ^2/NDF : 11.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 510.547+/-1246.284 χ^2/NDF : 16.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

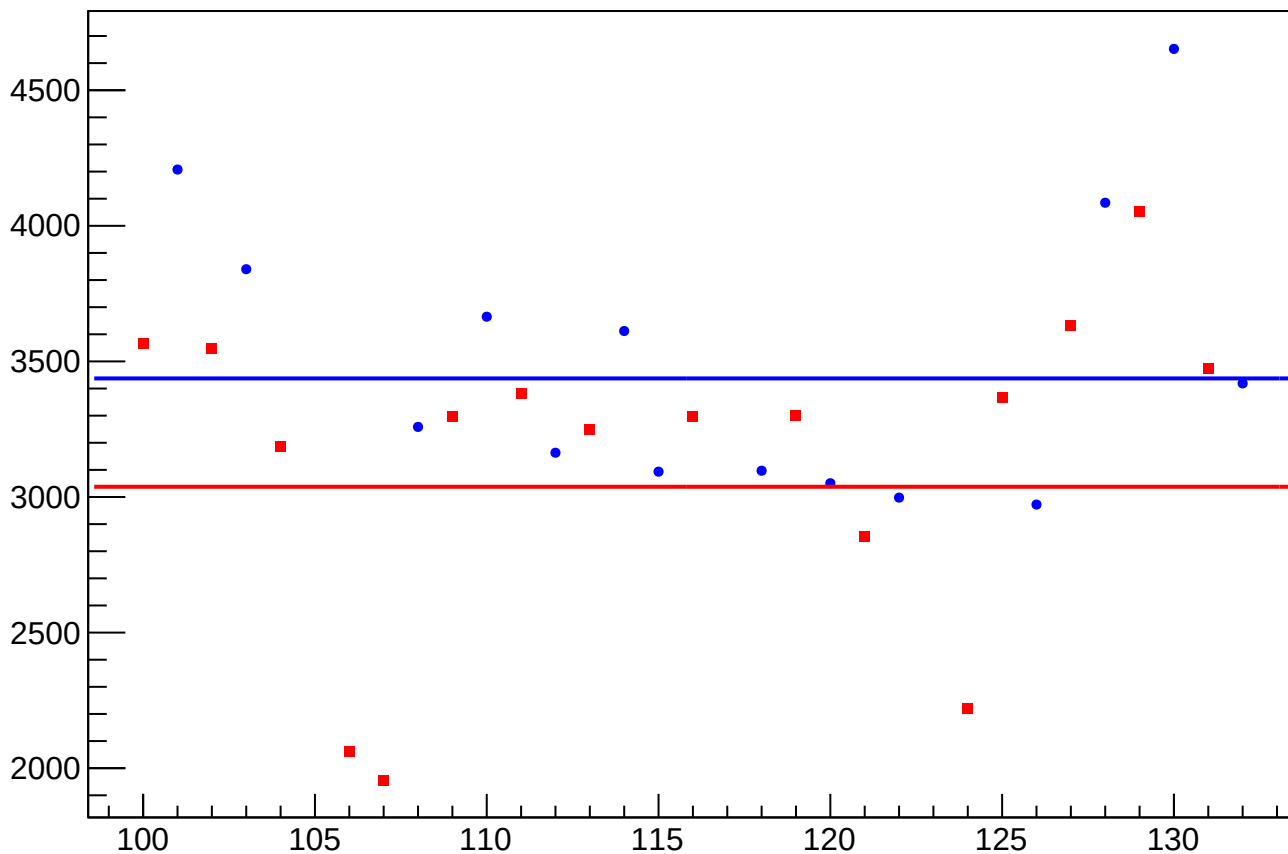
Right: 468.872+/-938.682 χ^2/NDF : 28.1/29

In: 414.235+/-1426.984 χ^2/NDF : 11.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 468.872+/-938.682 χ^2/NDF : 28.1/29

asym_atl_dd_atr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3437.268+/-1.009 χ^2/NDF : 231903.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3037.788+/-0.881 χ^2/NDF : 464375.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

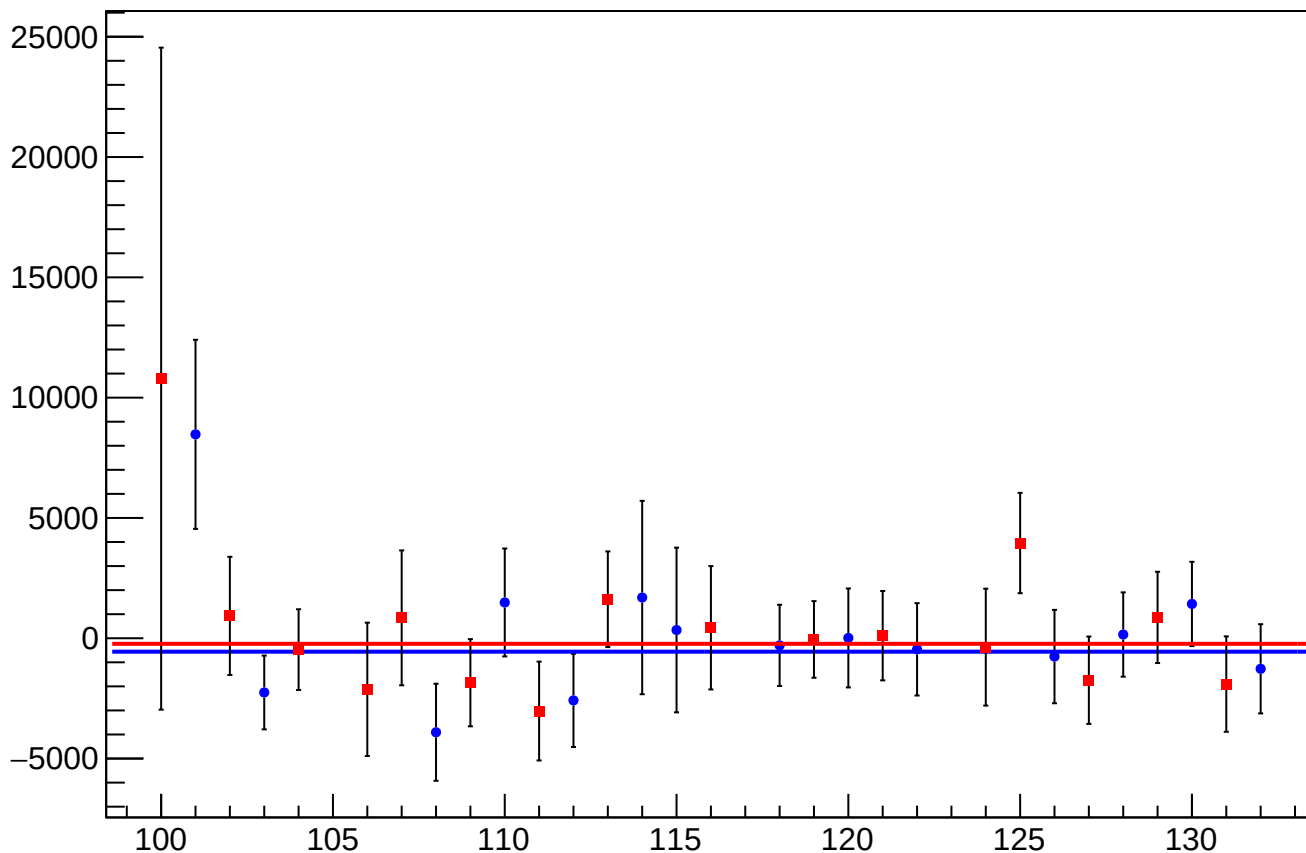
Right: 3210.648+/-0.664 χ^2/NDF : 785196.0/29

In: 3437.268+/-1.009 χ^2/NDF :231903.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3210.648+/-0.664 χ^2/NDF : 785196.0/29

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -558.551+/-541.173 χ^2/NDF : 13.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -230.770+/-523.431 χ^2/NDF : 10.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

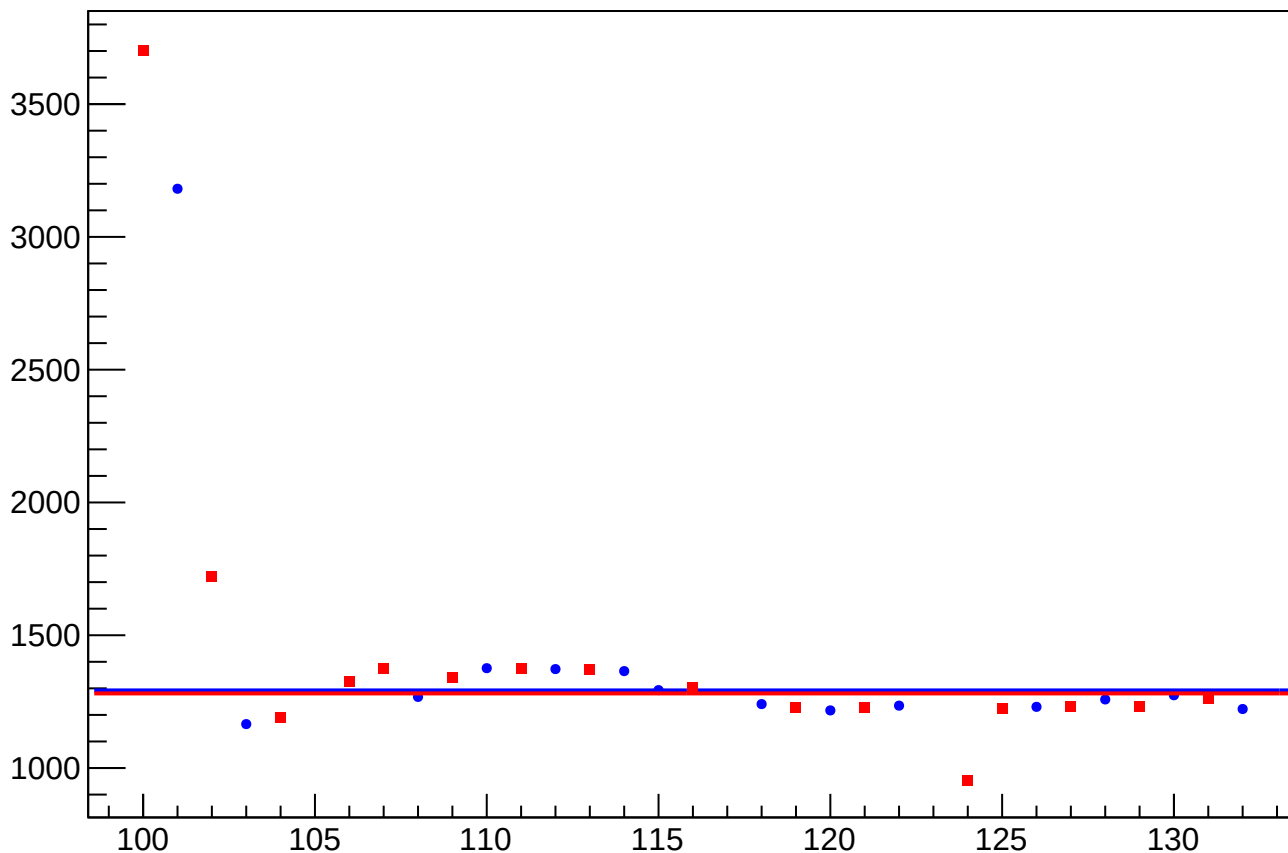
Right: -389.200+/-376.238 χ^2/NDF : 24.4/29

In: -558.551+/-541.173 χ^2/NDF : 13.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -389.200+/-376.238 χ^2/NDF : 24.4/29

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1292.213+/-0.383 χ^2/NDF : 495291.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1280.923+/-0.370 χ^2/NDF : 190173.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

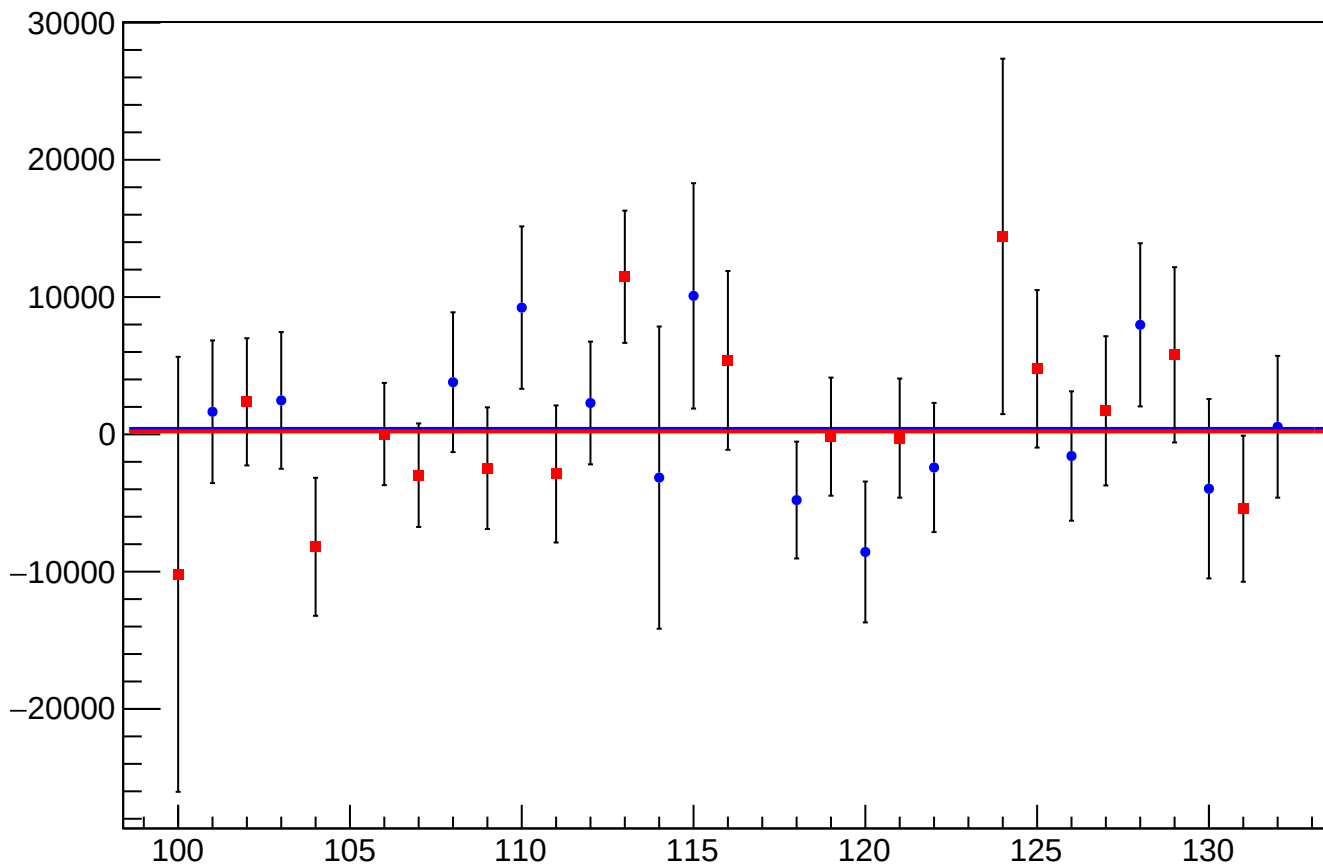
Right: 1286.375+/-0.266 χ^2/NDF : 685915.1/29

In: 1292.213+/-0.383 χ^2/NDF : 495291.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1286.375+/-0.266 χ^2/NDF : 685915.1/29

asym_atl_dd_atr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 394.695 $\pm$ 1428.125 χ^2 /NDF: 11.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 216.035 $\pm$ 1262.333 χ^2 /NDF: 14.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

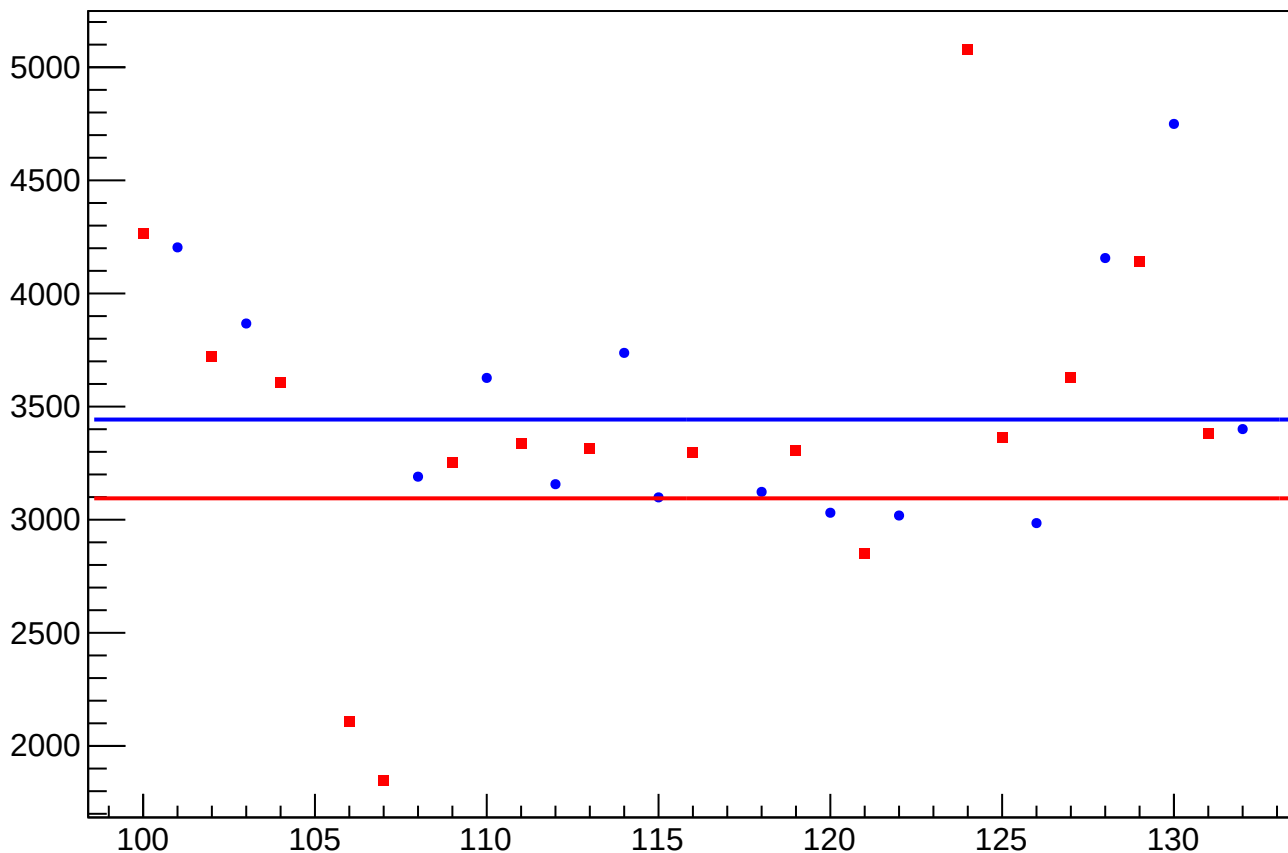
Right: 294.397 $\pm$ 945.814 χ^2 /NDF: 26.6/29

In: 394.695 $\pm$ 1428.125 χ^2 /NDF:11.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 294.397 $\pm$ 945.814 χ^2 /NDF: 26.6/29

asym_atl_dd_atr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3442.793+/-1.010 χ^2/NDF : 245736.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3094.468+/-0.893 χ^2/NDF : 581713.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

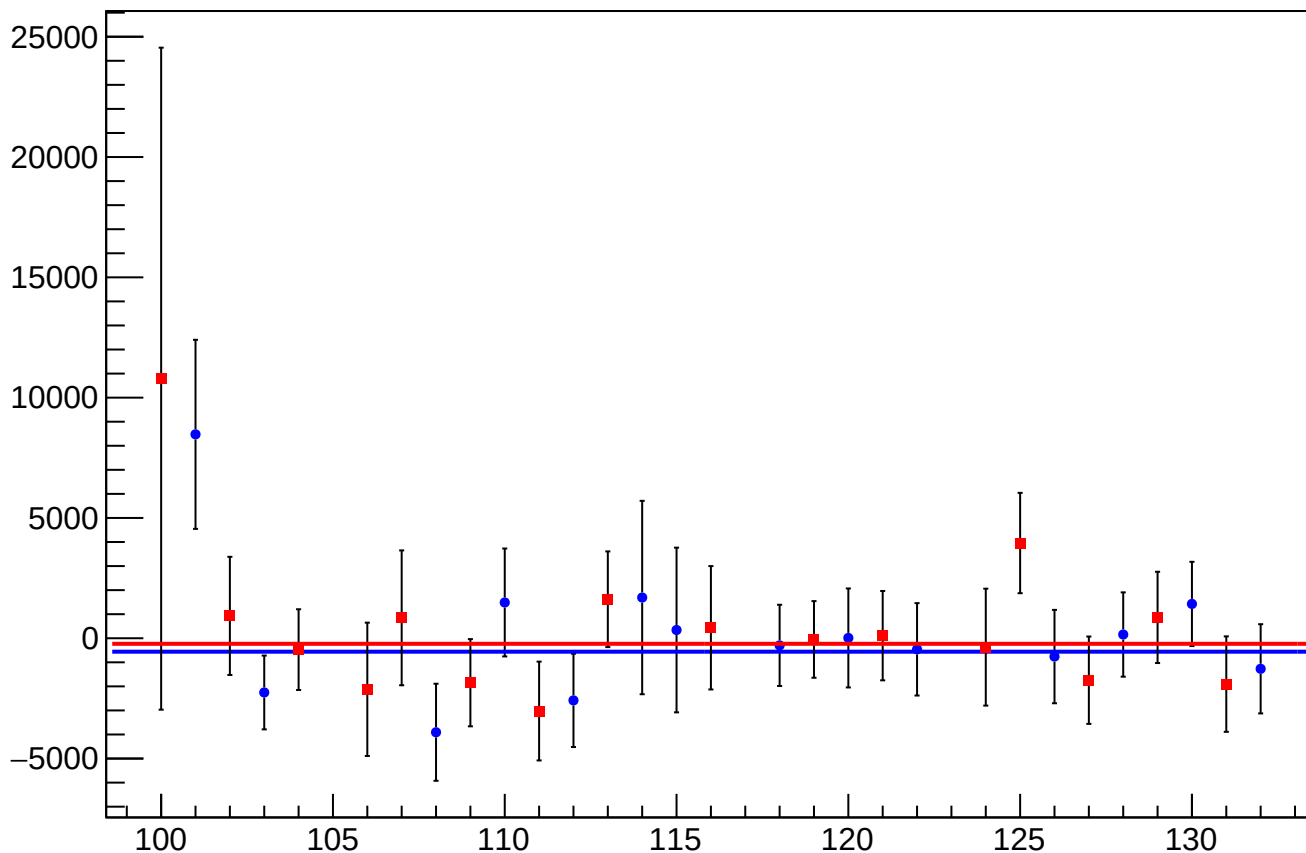
Right: 3247.247+/-0.669 χ^2/NDF : 894242.9/29

In: 3442.793+/-1.010 χ^2/NDF : 245736.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3247.247+/-0.669 χ^2/NDF : 894242.9/29

eigen_dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -558.555+/-541.173 χ^2/NDF : 13.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -230.778+/-523.431 χ^2/NDF : 10.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

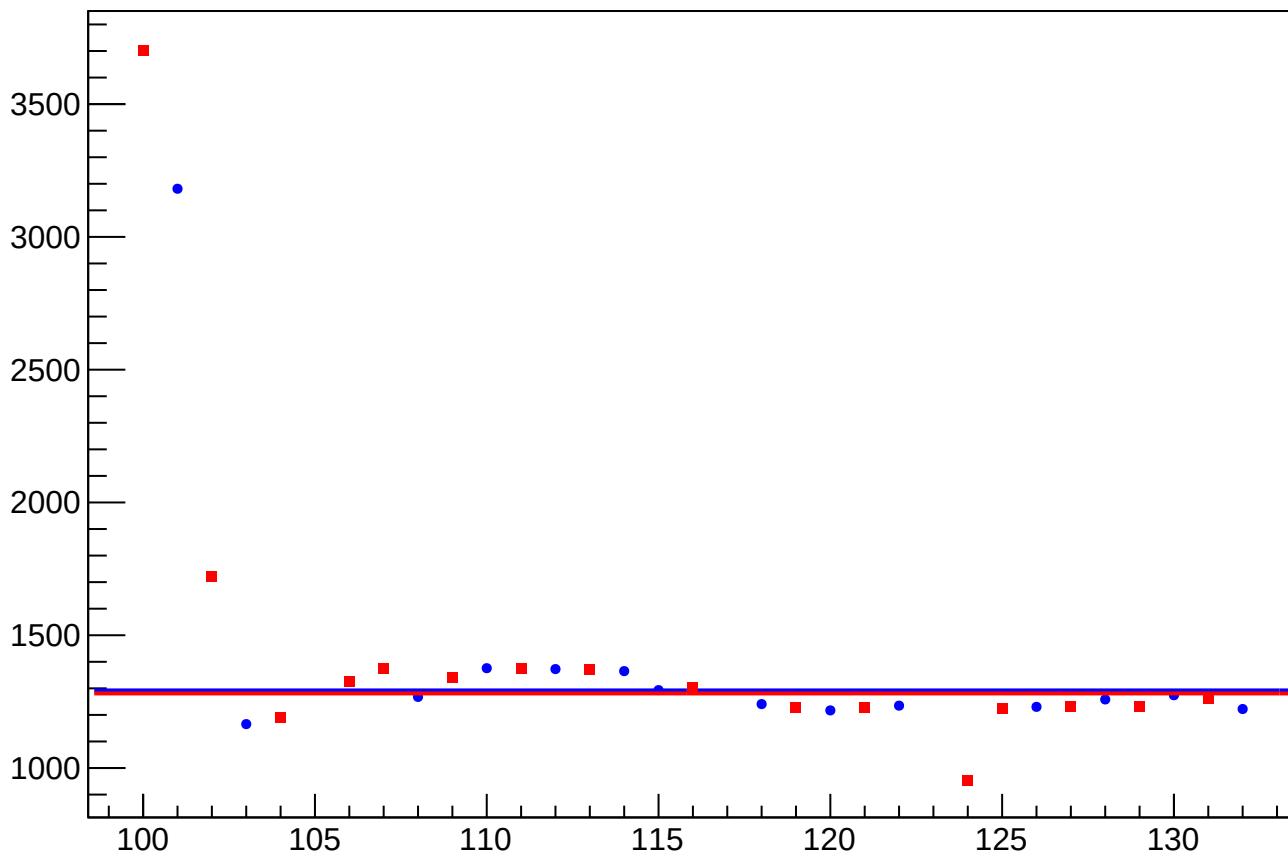
Right: -389.206+/-376.237 χ^2/NDF : 24.4/29

In: -558.555+/-541.173 χ^2/NDF : 13.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -389.206+/-376.237 χ^2/NDF : 24.4/29

eigen_dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1292.213+/-0.383 χ^2/NDF : 495291.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1280.923+/-0.370 χ^2/NDF : 190173.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

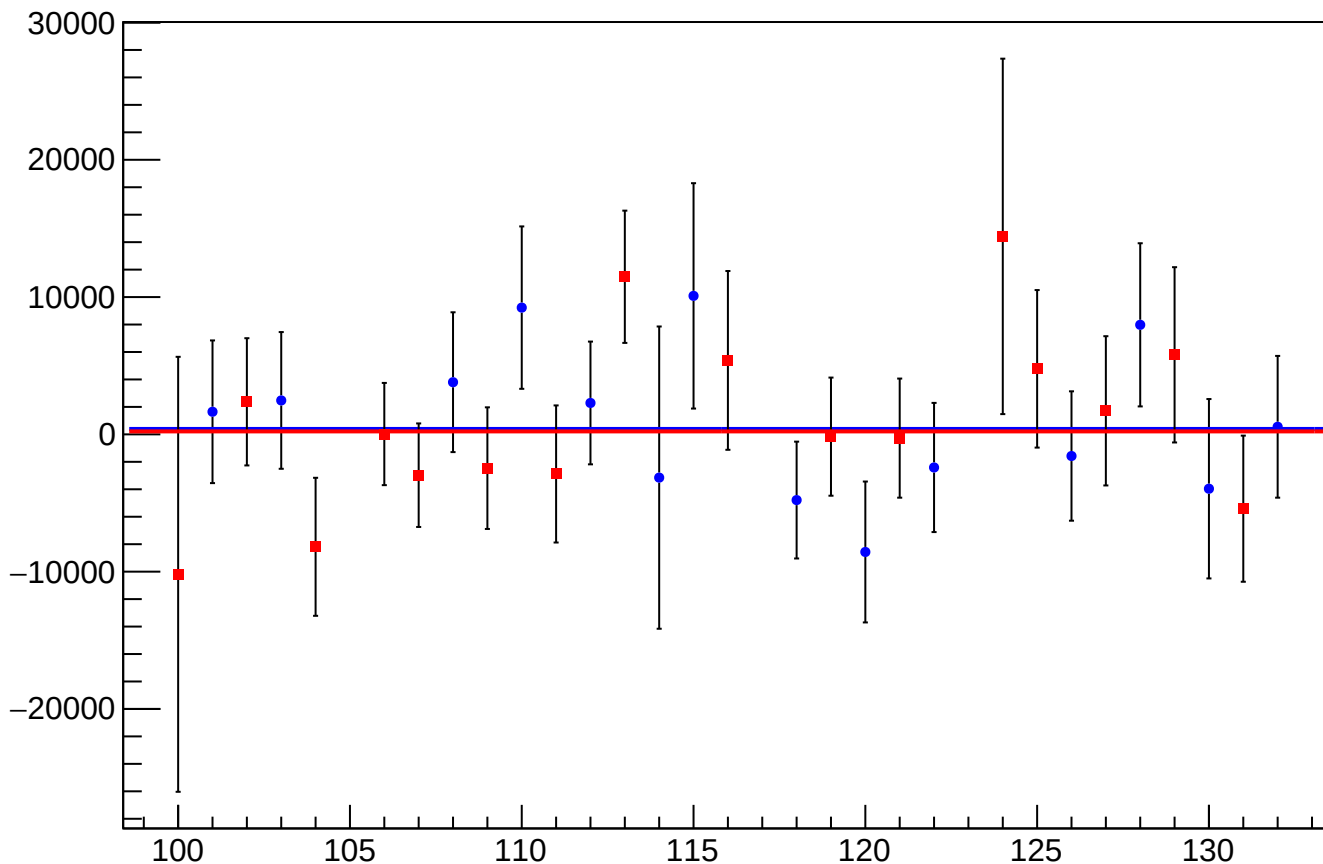
Right: 1286.375+/-0.266 χ^2/NDF : 685915.3/29

In: 1292.213+/-0.383 χ^2/NDF : 495291.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1286.375+/-0.266 χ^2/NDF : 685915.3/29

asym_atl_dd_atr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 394.689 $\pm$ 1428.120 χ^2 /NDF: 11.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 216.030 $\pm$ 1262.329 χ^2 /NDF: 14.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

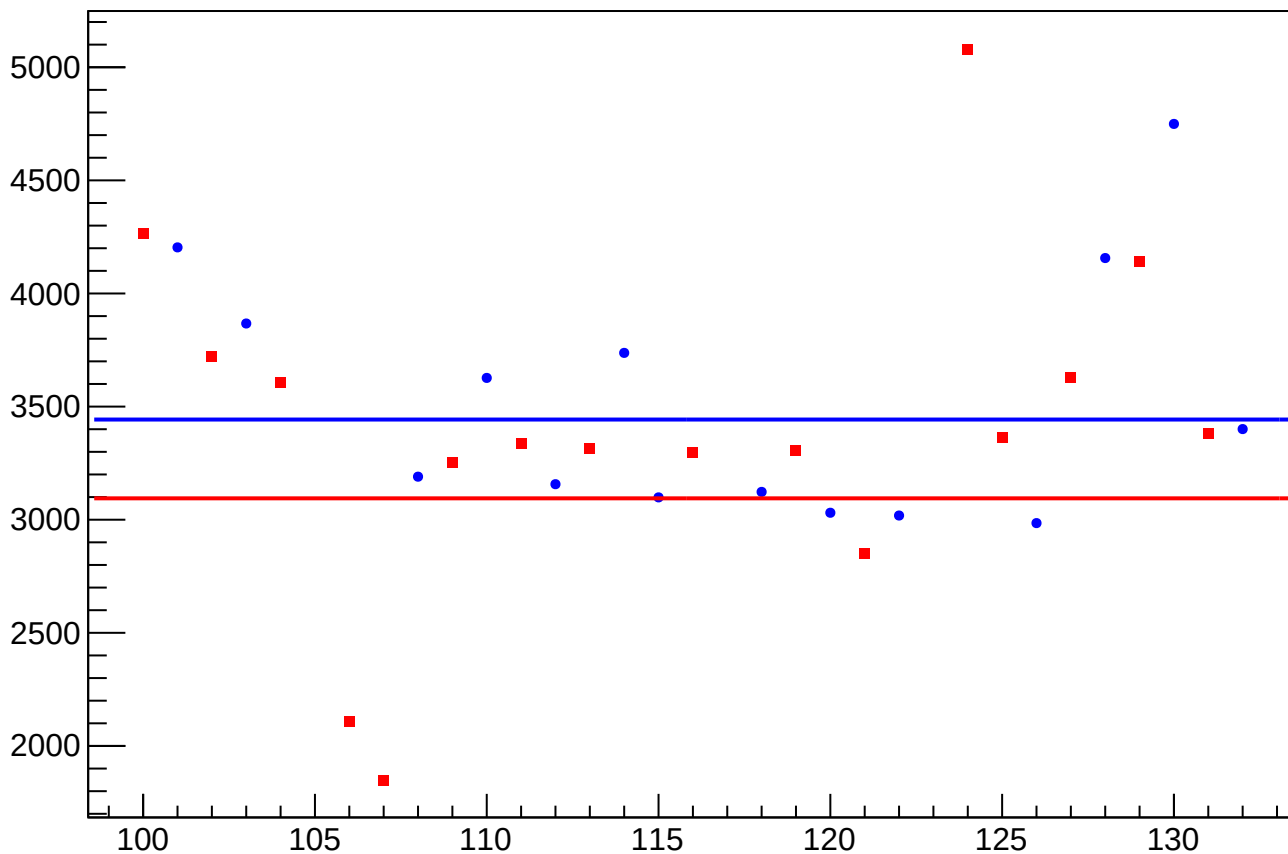
Right: 294.392 $\pm$ 945.811 χ^2 /NDF: 26.6/29

In: 394.689 $\pm$ 1428.120 χ^2 /NDF:11.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 294.392 $\pm$ 945.811 χ^2 /NDF: 26.6/29

asym_atl_dd_atr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3442.782+/-1.010 χ^2/NDF : 245738.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3094.459+/-0.893 χ^2/NDF : 581714.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

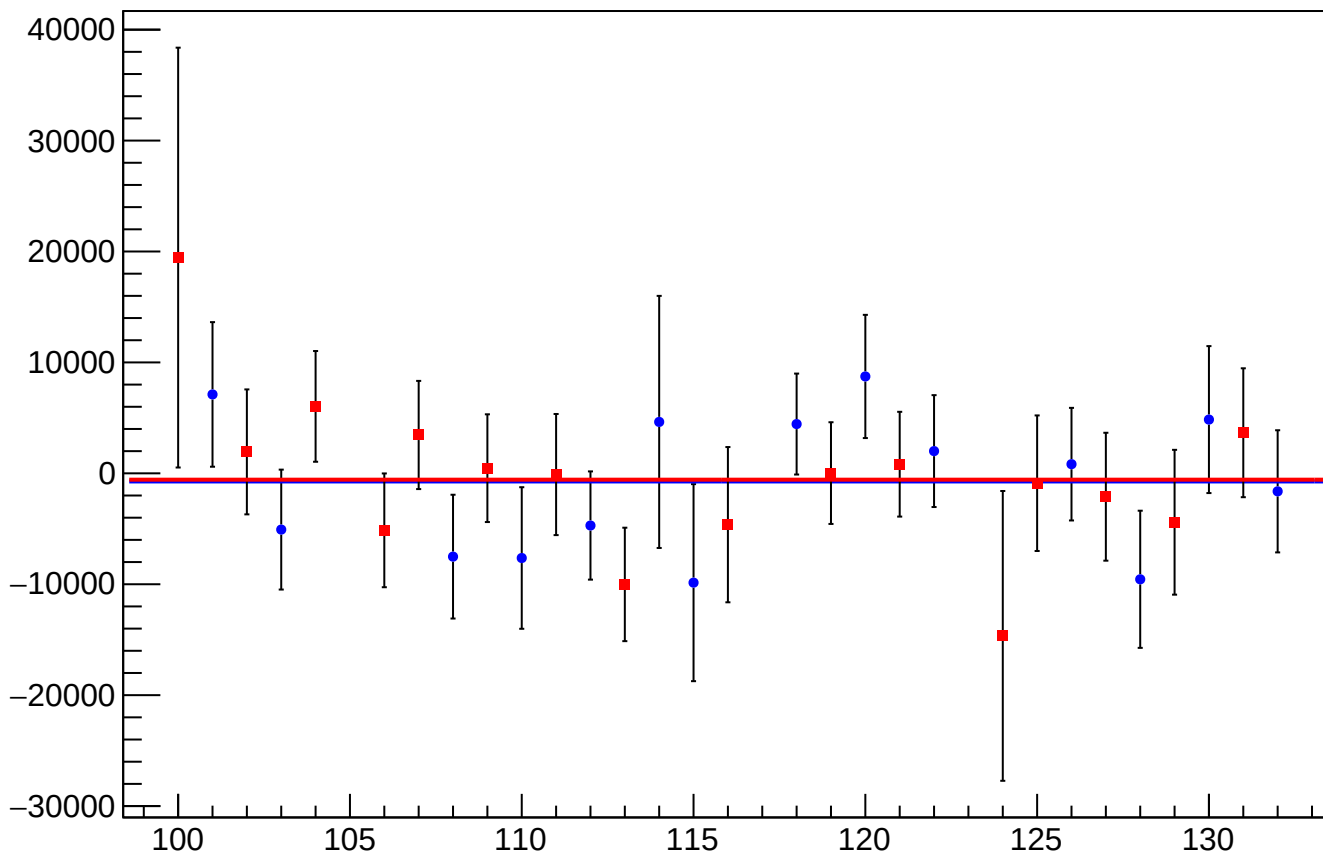
Right: 3247.237+/-0.669 χ^2/NDF : 894245.7/29

In: 3442.782+/-1.010 χ^2/NDF : 245738.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3247.237+/-0.669 χ^2/NDF : 894245.7/29

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -732.780+/-1547.449 χ^2/NDF : 14.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -572.204+/-1418.084 χ^2/NDF : 10.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

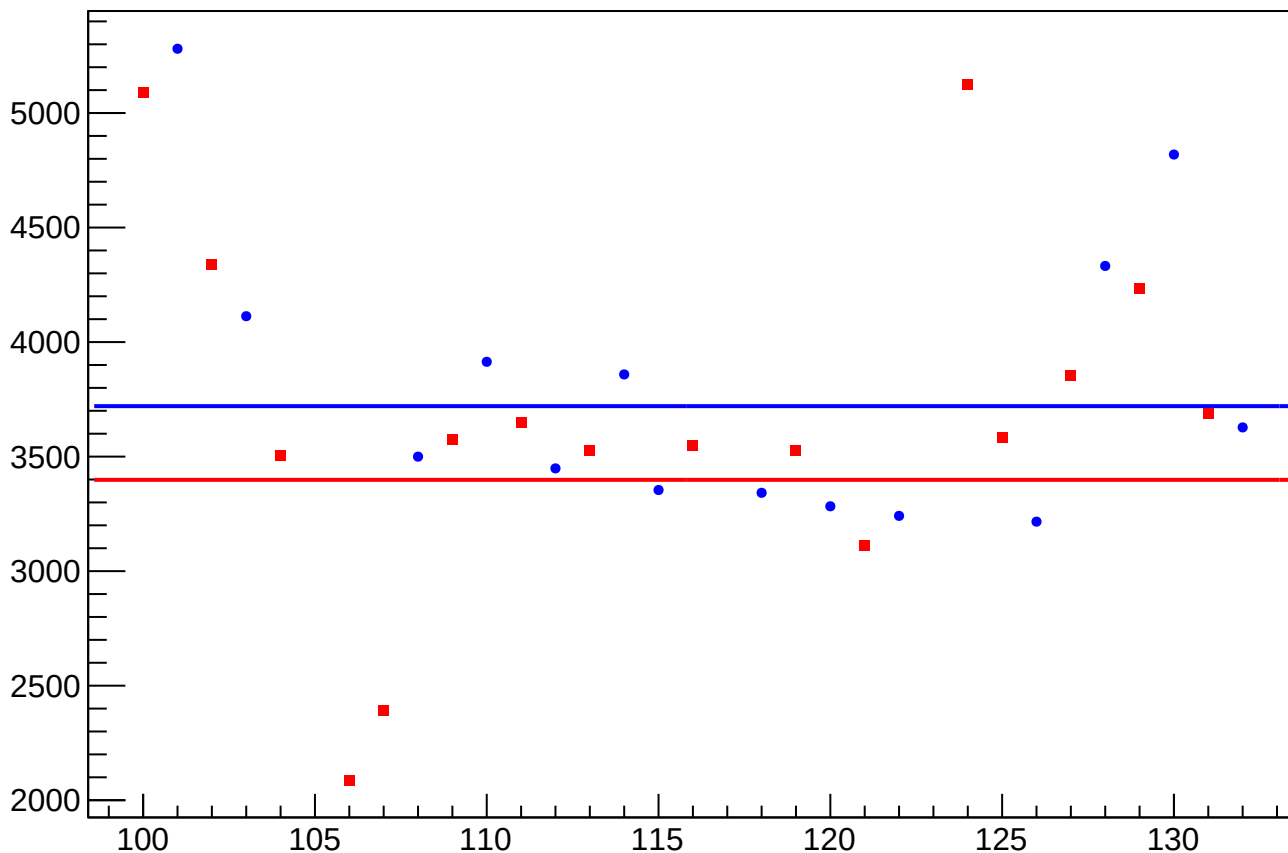
Right: -645.500+/-1045.485 χ^2/NDF : 24.6/29

In: -732.780+/-1547.449 χ^2/NDF : 14.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -645.500+/-1045.485 χ^2/NDF : 24.6/29

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3720.318+/-1.094 χ^2/NDF : 279184.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3398.584+/-0.987 χ^2/NDF : 446719.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

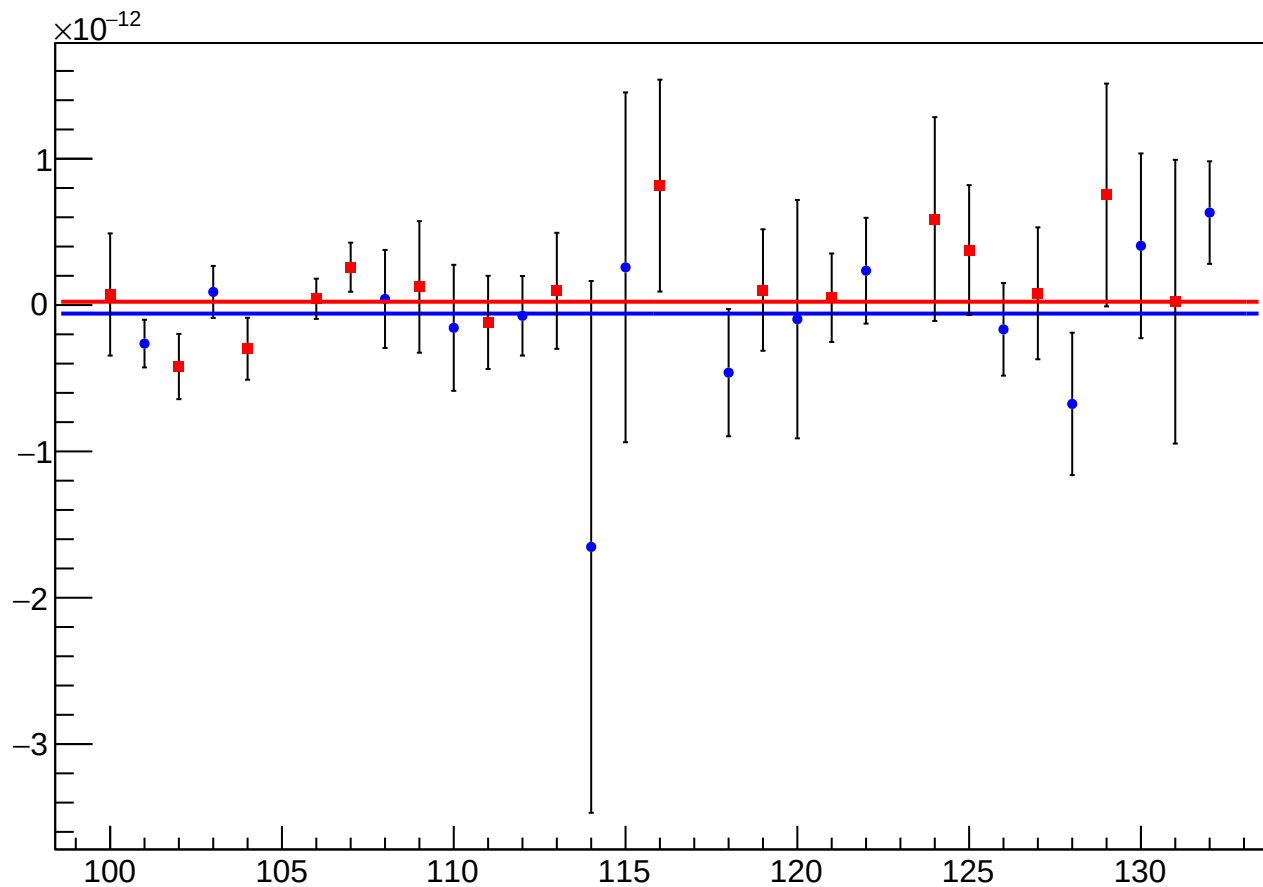
Right: 3542.983+/-0.733 χ^2/NDF : 773557.4/29

In: 3720.318+/-1.094 χ^2/NDF : 279184.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3542.983+/-0.733 χ^2/NDF : 773557.4/29

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

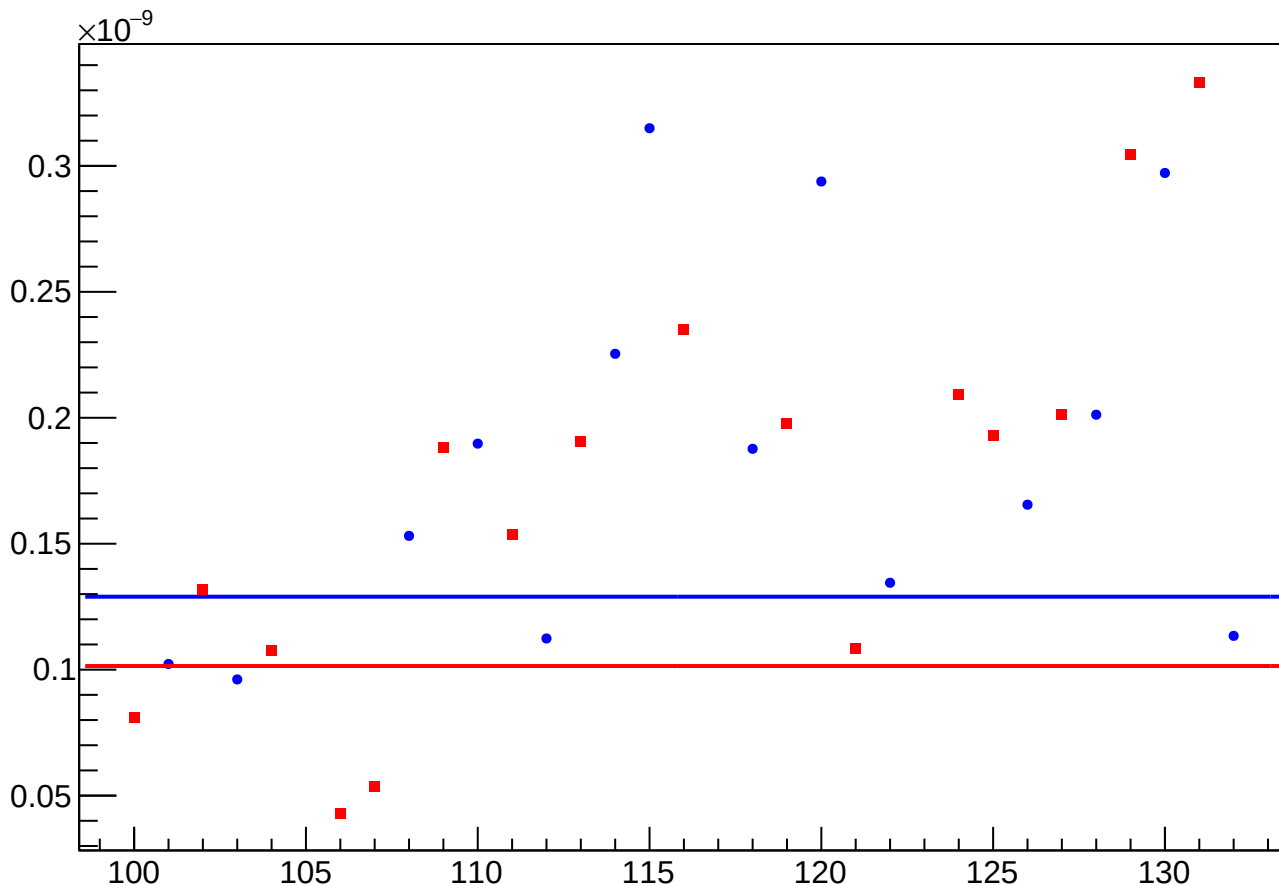
Right: -0.000+/-0.000 χ^2/NDF : 23.5/29

In: -0.000+/-0.000 χ^2/NDF : 10.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.5/29

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 569496.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1464686.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

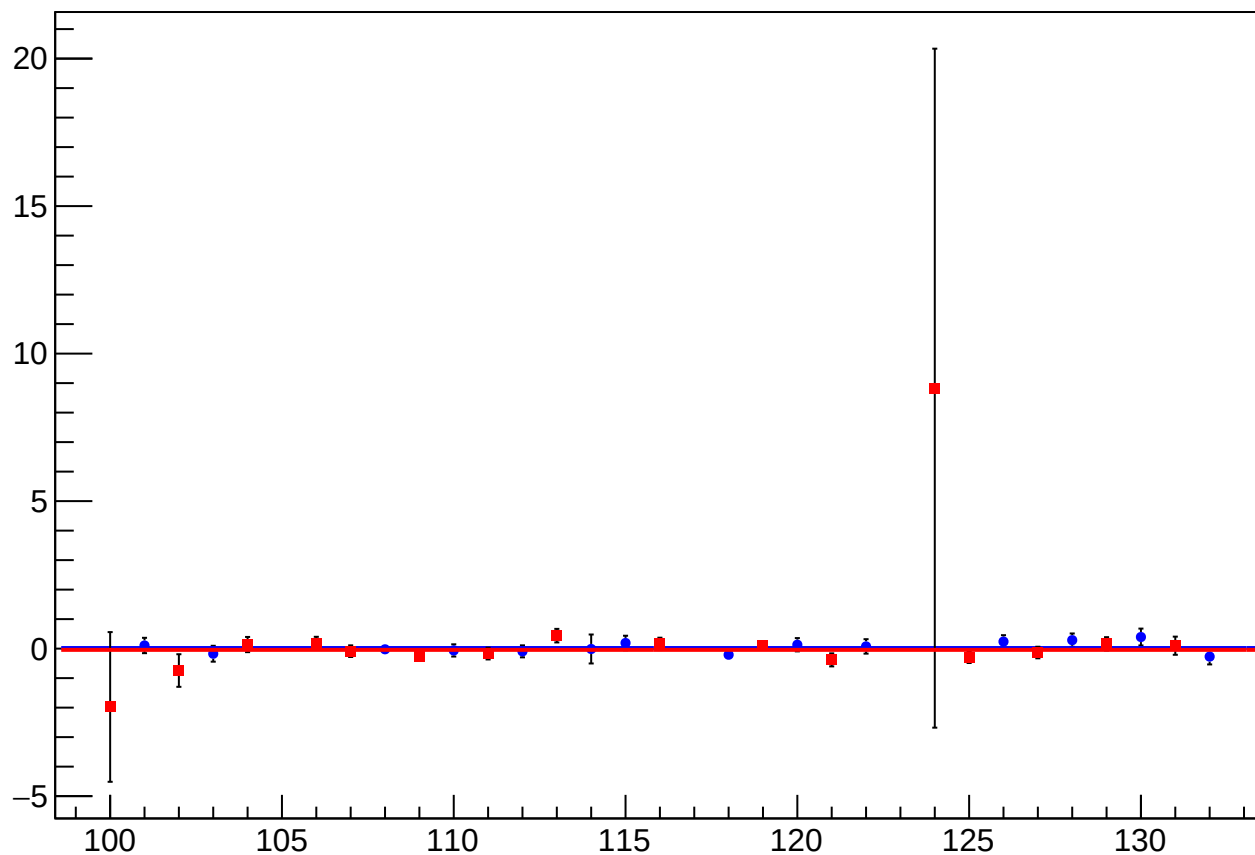
Right: 0.000+/-0.000 χ^2/NDF : 2155391.6/29

In: 0.000+/-0.000 χ^2/NDF : 569496.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2155391.6/29

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.060 χ^2/NDF : 9.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.042+/-0.056 χ^2/NDF : 18.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

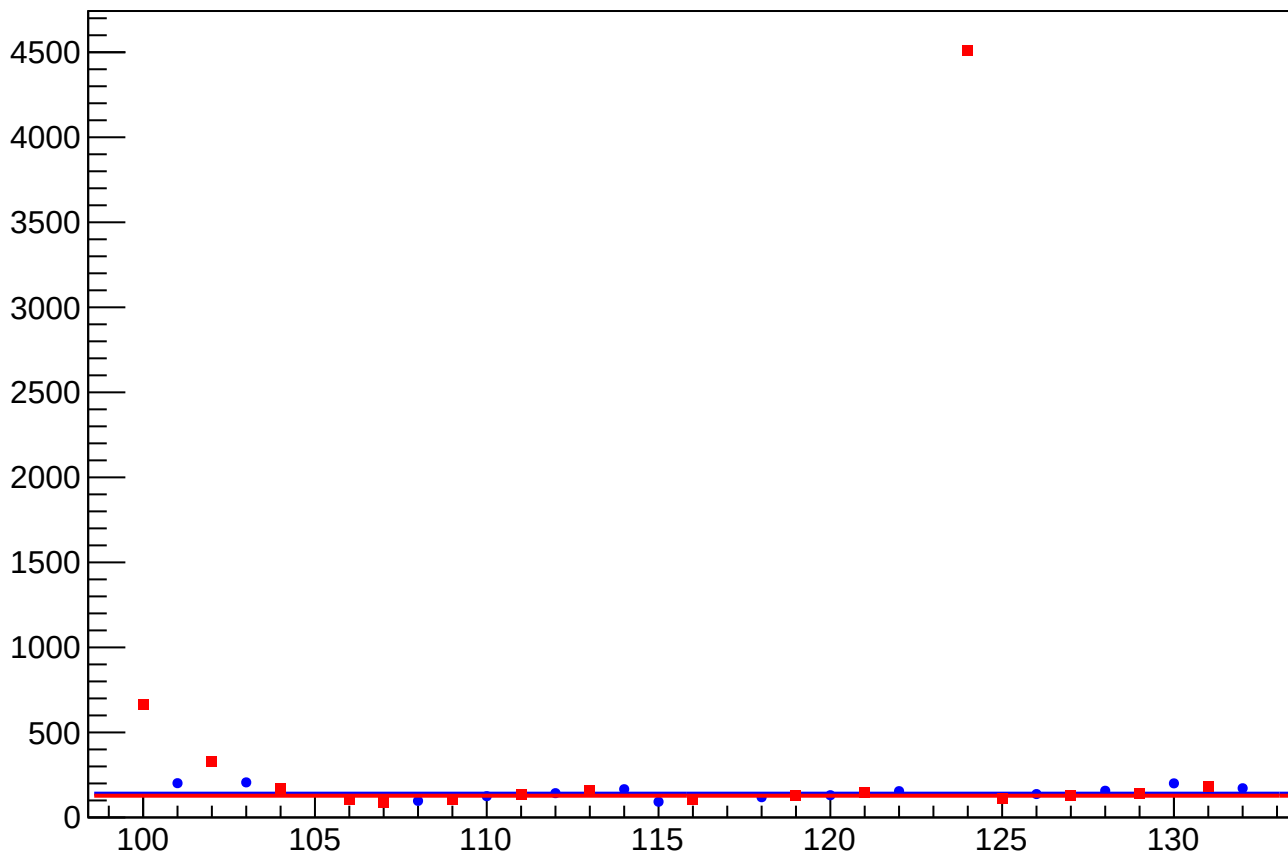
Right: -0.013+/-0.041 χ^2/NDF : 27.9/29

In: 0.019+/-0.060 χ^2/NDF : 9.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.013+/-0.041 χ^2/NDF : 27.9/29

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.902 $\pm$ 0.043 χ^2 /NDF: 637807.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 127.898 $\pm$ 0.040 χ^2 /NDF: 986235.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

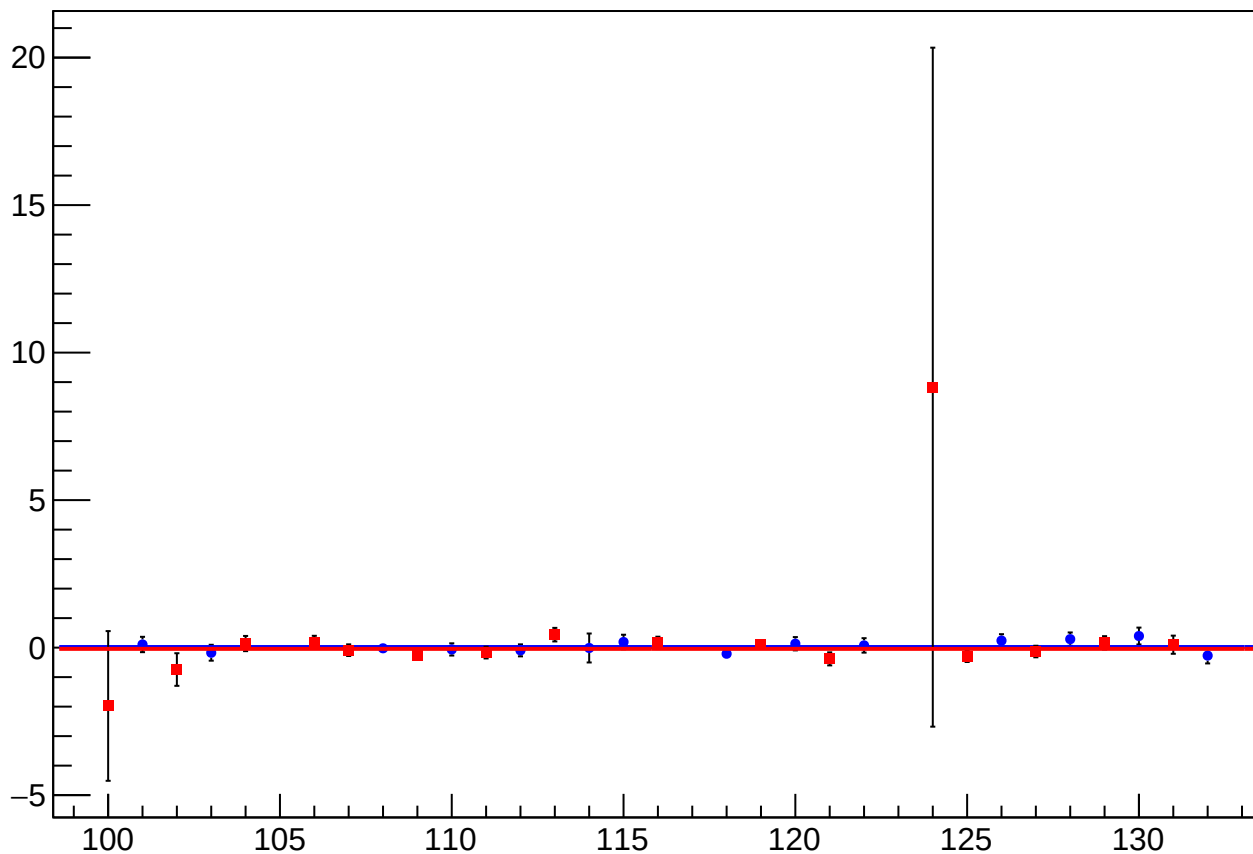
Right: 133.487 $\pm$ 0.029 χ^2 /NDF: 1666632.2/29

In: 139.902 $\pm$ 0.043 χ^2 /NDF:637807.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 133.487 $\pm$ 0.029 χ^2 /NDF: 1666632.2/29

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019 $\pm$ 0.060 χ^2 /NDF: 9.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.042 $\pm$ 0.056 χ^2 /NDF: 18.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

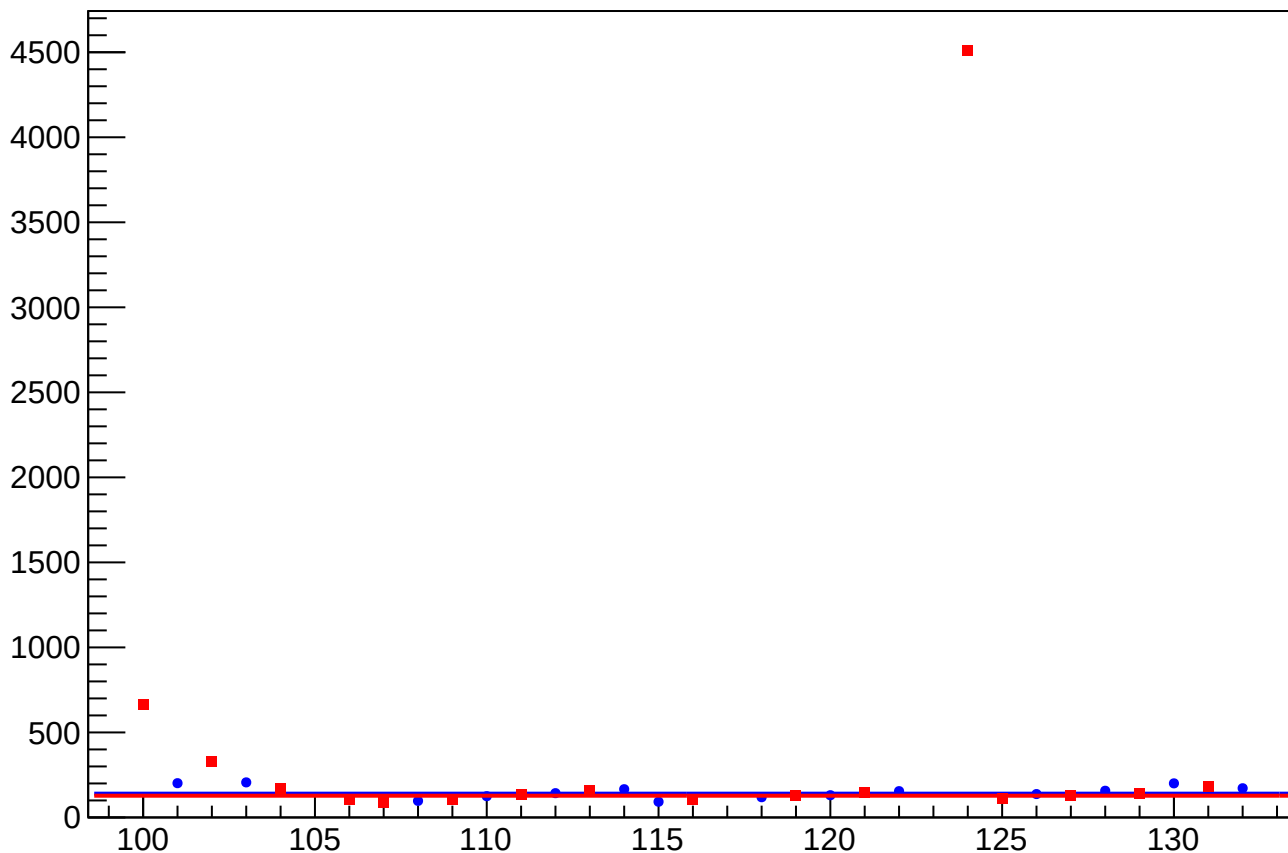
Right: -0.013 $\pm$ 0.041 χ^2 /NDF: 27.9/29

In: 0.019 $\pm$ 0.060 χ^2 /NDF:9.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.041 χ^2 /NDF: 27.9/29

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.902 $\pm$ 0.043 χ^2 /NDF: 637807.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 127.898 $\pm$ 0.040 χ^2 /NDF: 986235.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

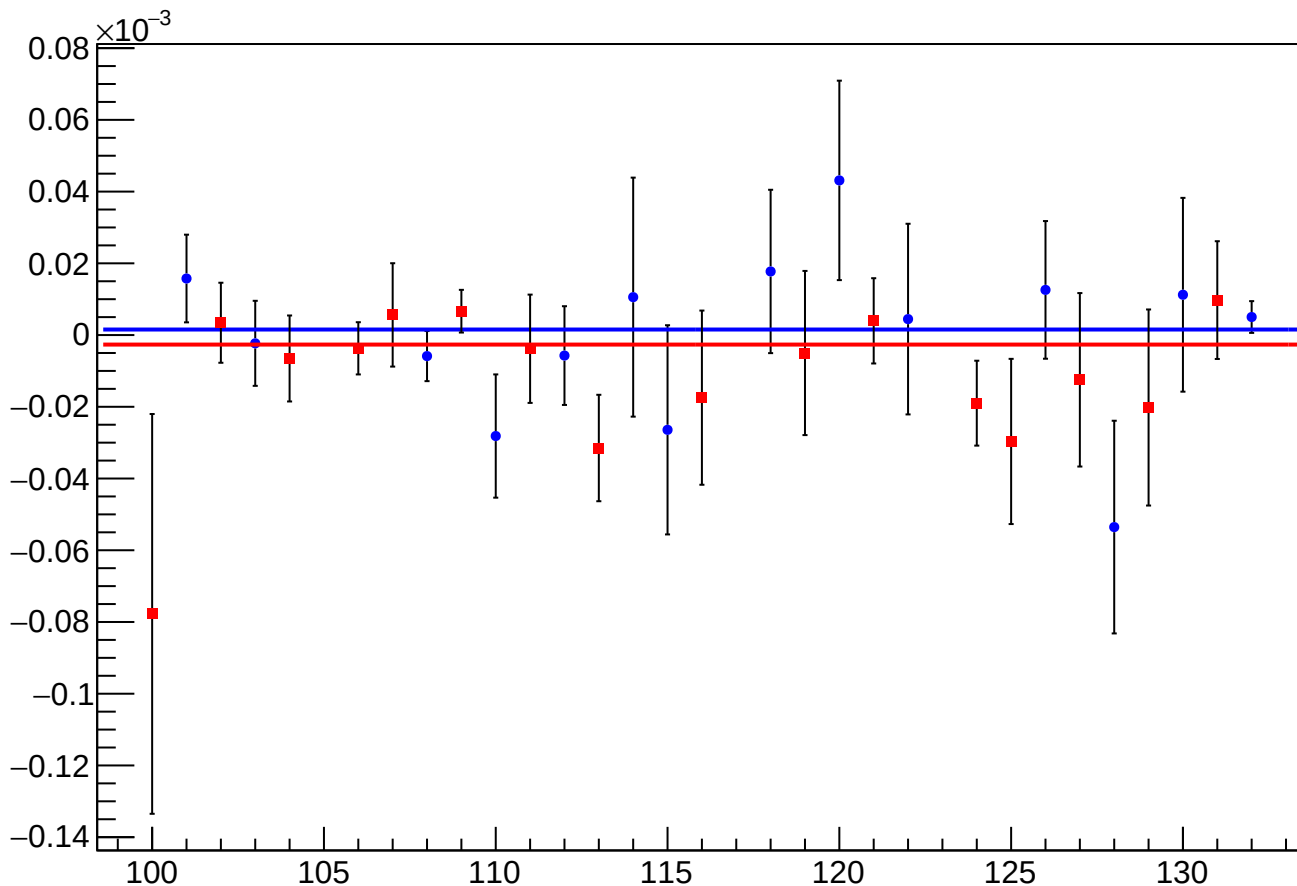
Right: 133.487 $\pm$ 0.029 χ^2 /NDF: 1666632.2/29

In: 139.902 $\pm$ 0.043 χ^2 /NDF:637807.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 133.487 $\pm$ 0.029 χ^2 /NDF: 1666632.2/29

asym_atl_dd_atr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

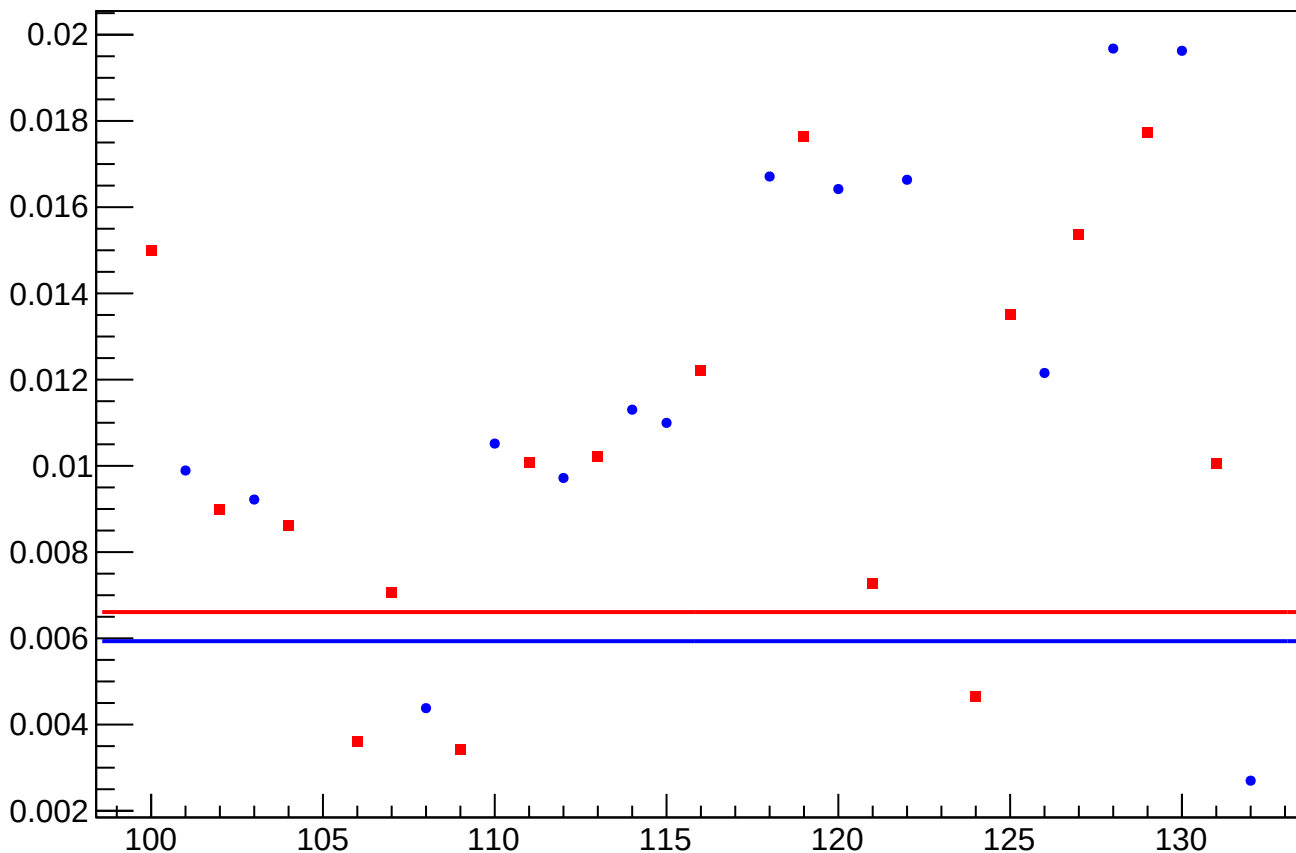
Right: -0.000+/-0.000 χ^2/NDF : 29.0/29

In: 0.000+/-0.000 χ^2/NDF : 14.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.0/29

asym_atl_dd_atr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 4146422.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 2821437.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

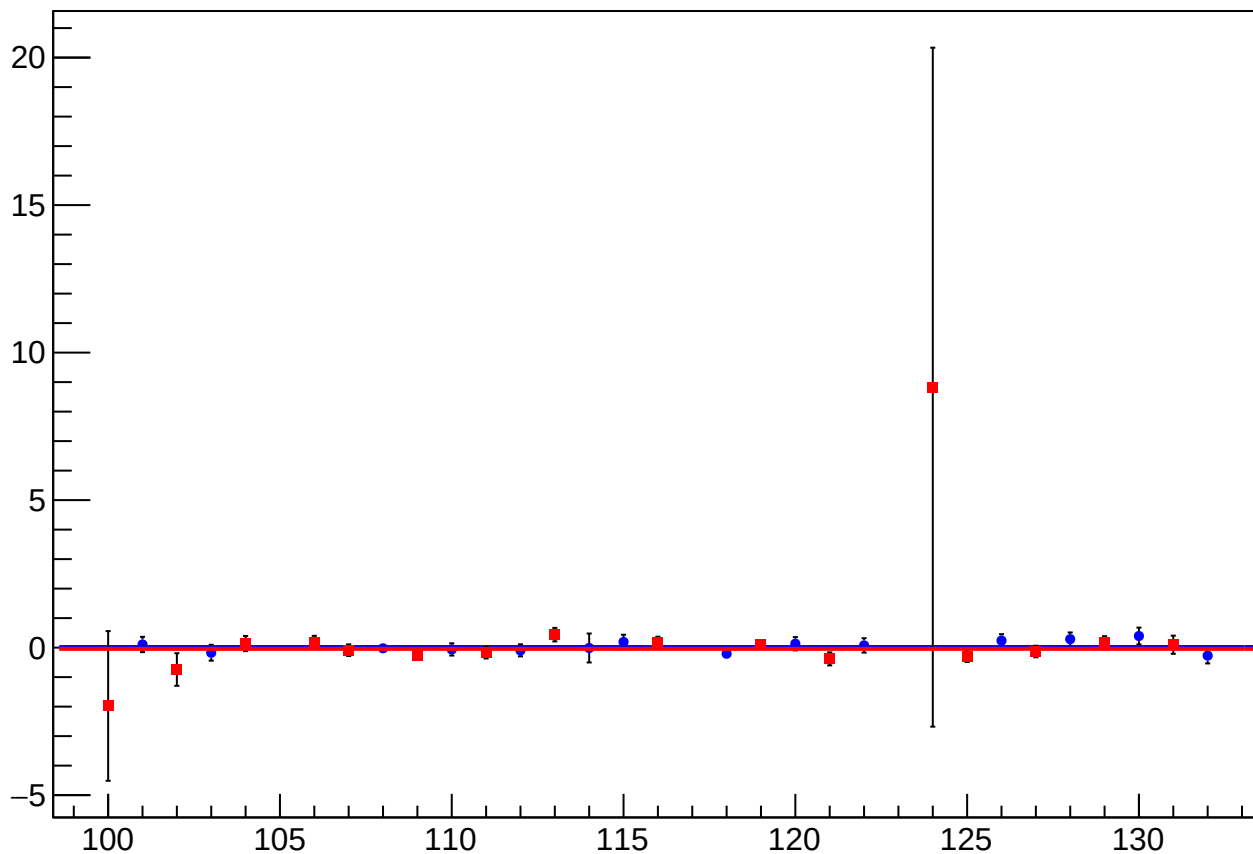
Right: 0.006+/-0.000 χ^2/NDF : 7015366.7/29

In: 0.006+/-0.000 χ^2/NDF :4146422.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 7015366.7/29

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019 $\pm$ 0.060 χ^2 /NDF: 9.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.042 $\pm$ 0.056 χ^2 /NDF: 18.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

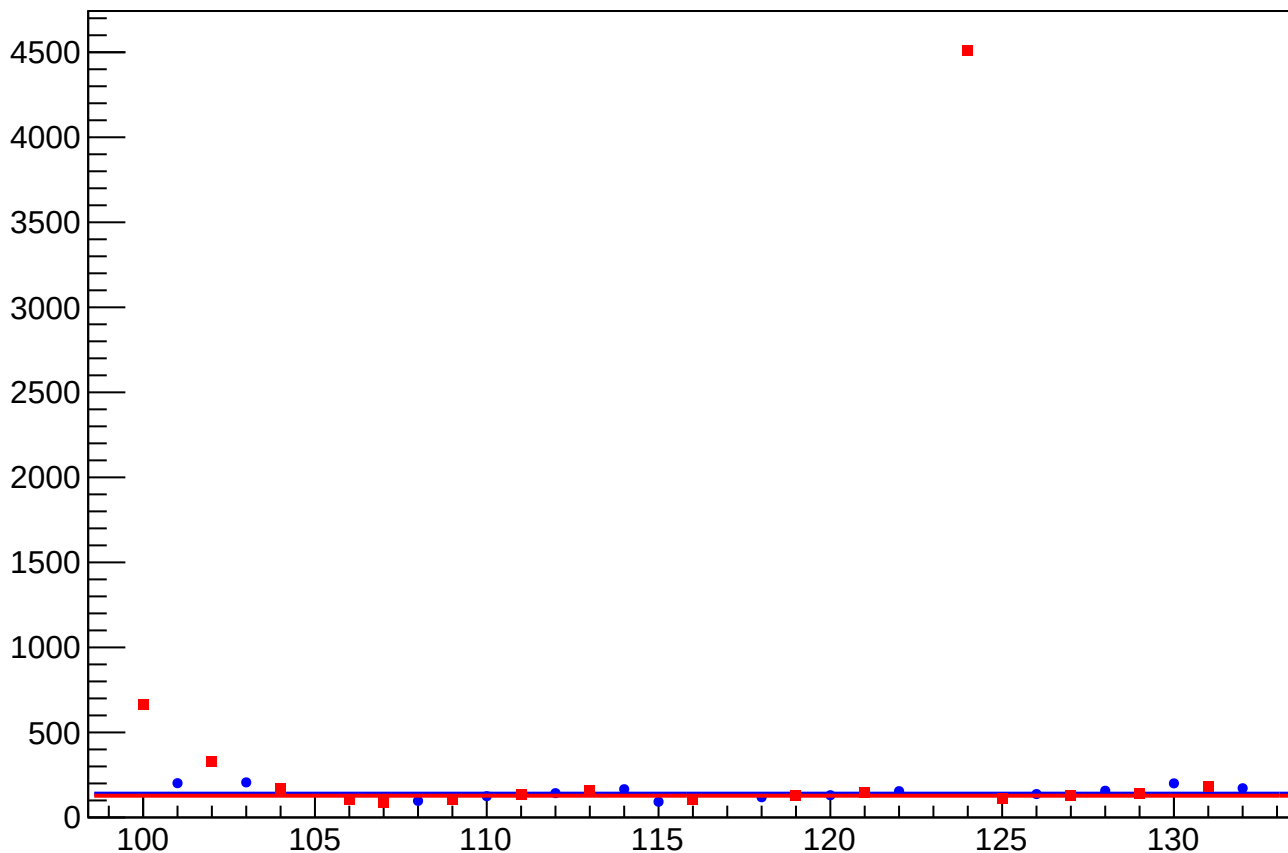
Right: -0.013 $\pm$ 0.041 χ^2 /NDF: 27.9/29

In: 0.019 $\pm$ 0.060 χ^2 /NDF:9.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.041 χ^2 /NDF: 27.9/29

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.902+/-0.043 χ^2/NDF : 637732.3/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 127.900+/-0.040 χ^2/NDF : 986165.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

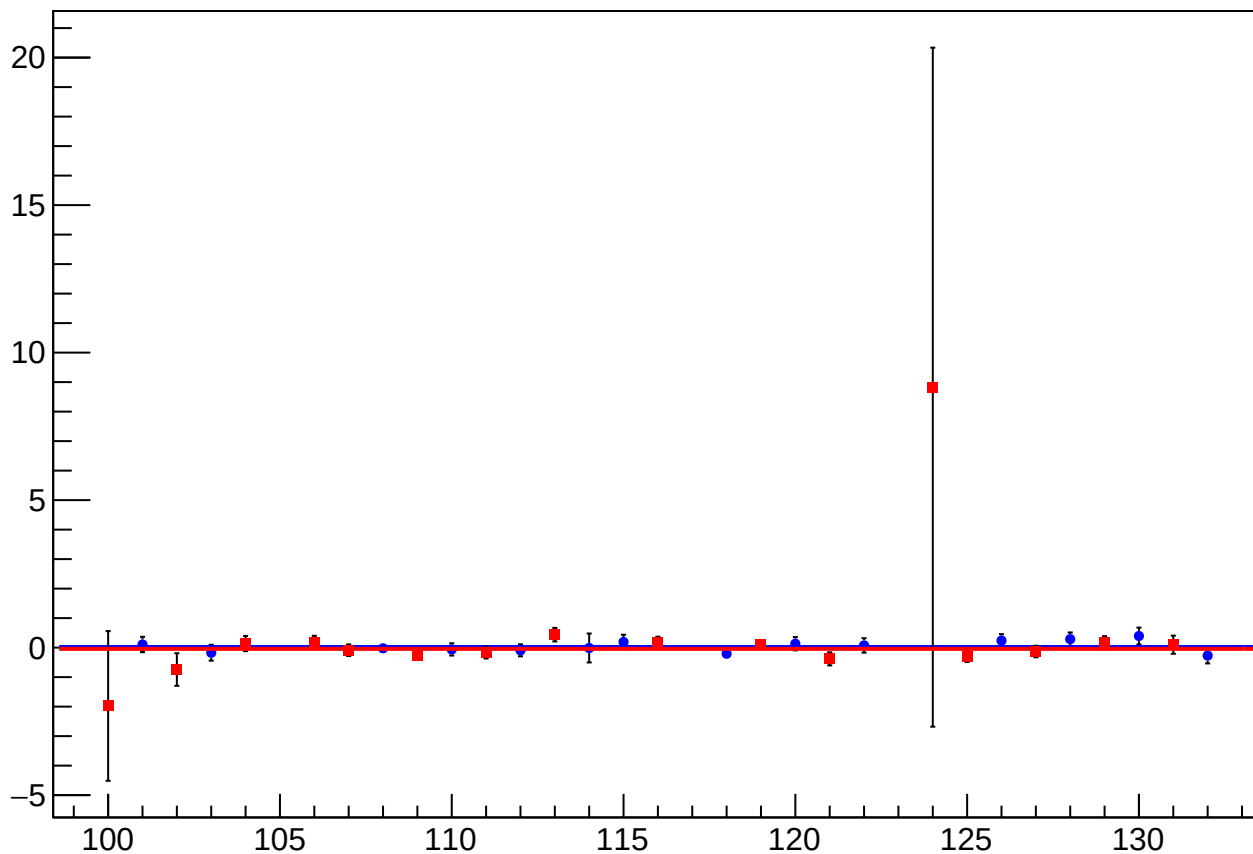
Right: 133.488+/-0.029 χ^2/NDF : 1666477.1/29

In: 139.902+/-0.043 χ^2/NDF :637732.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 133.488+/-0.029 χ^2/NDF : 1666477.1/29

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.060 χ^2/NDF : 9.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.042+/-0.056 χ^2/NDF : 18.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

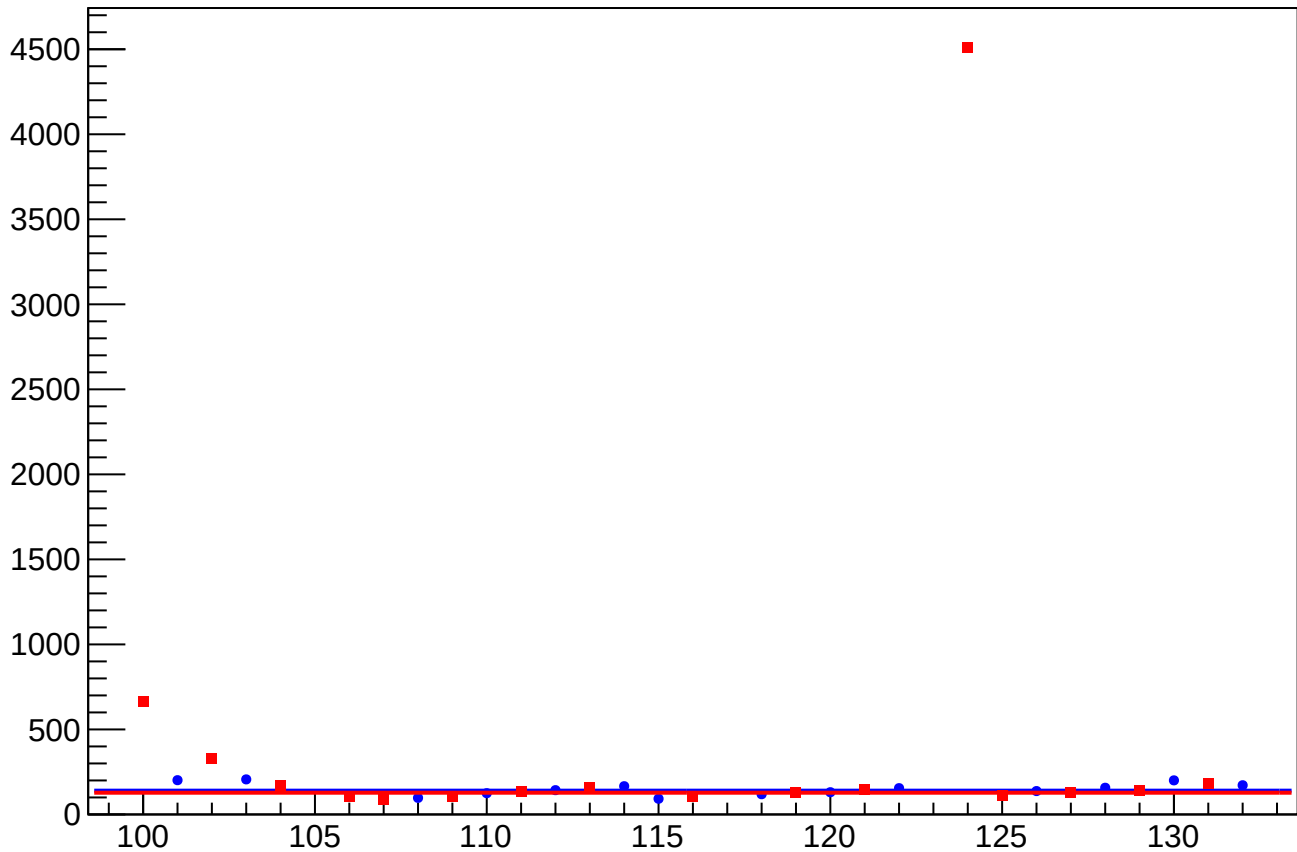
Right: -0.013+/-0.041 χ^2/NDF : 27.9/29

In: 0.019+/-0.060 χ^2/NDF : 9.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.013+/-0.041 χ^2/NDF : 27.9/29

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.902 $\pm$ 0.043 χ^2 /NDF: 637732.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 127.900 $\pm$ 0.040 χ^2 /NDF: 986165.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

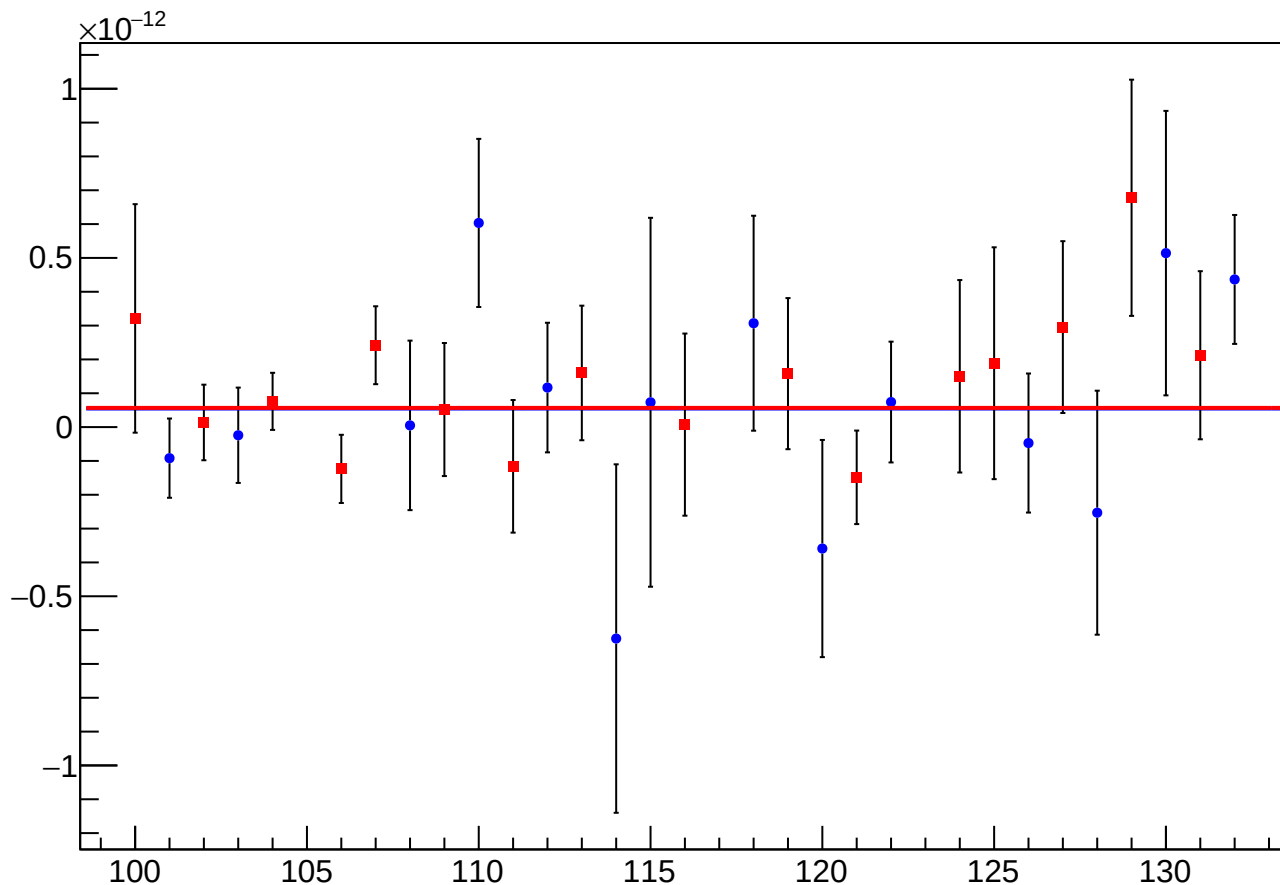
Right: 133.488 $\pm$ 0.029 χ^2 /NDF: 1666477.1/29

In: 139.902 $\pm$ 0.043 χ^2 /NDF:637732.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 133.488 $\pm$ 0.029 χ^2 /NDF: 1666477.1/29

asym_atl_dd_atr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 17.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

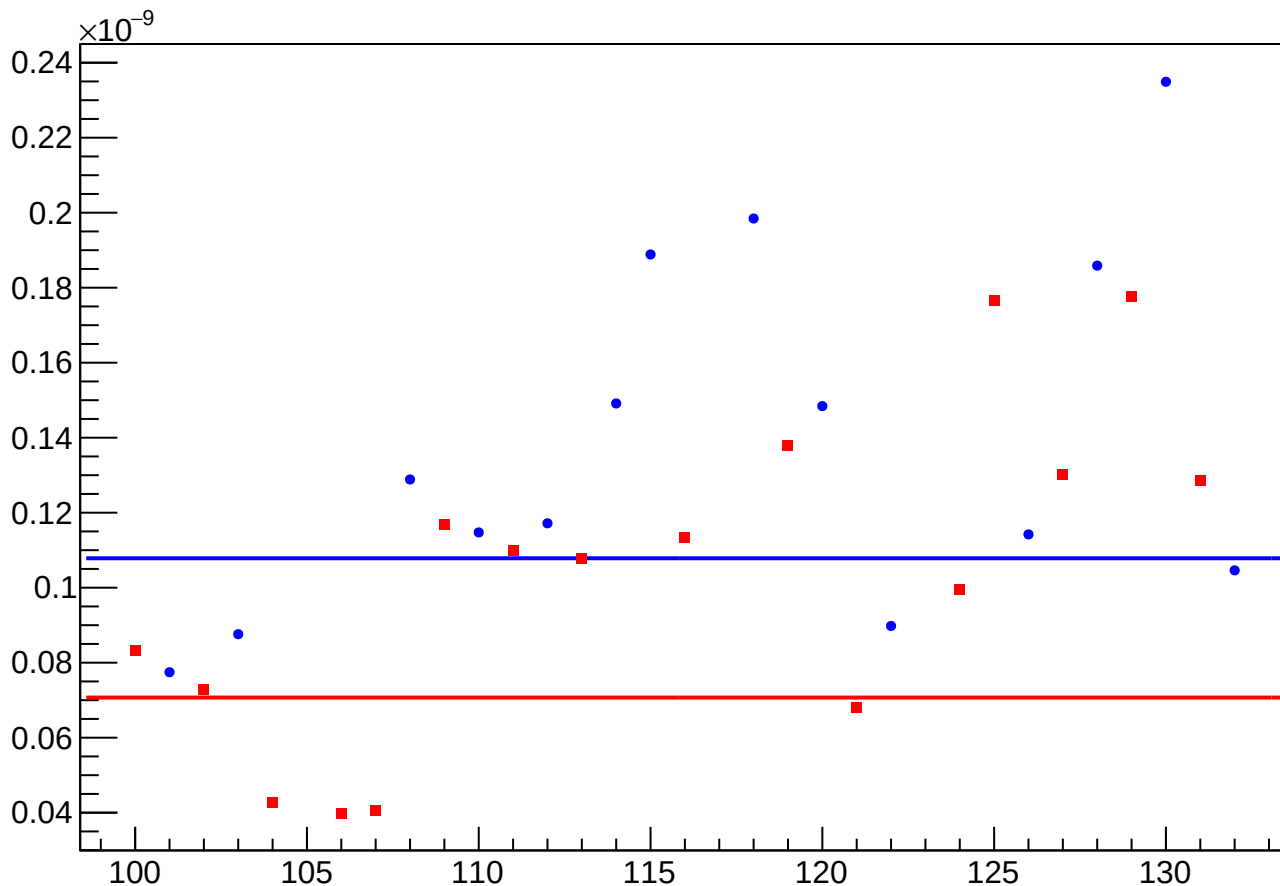
Right: 0.000+/-0.000 χ^2/NDF : 31.9/29

In: 0.000+/-0.000 χ^2/NDF : 17.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 31.9/29

asym_atl_dd_atr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 747350.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1655056.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

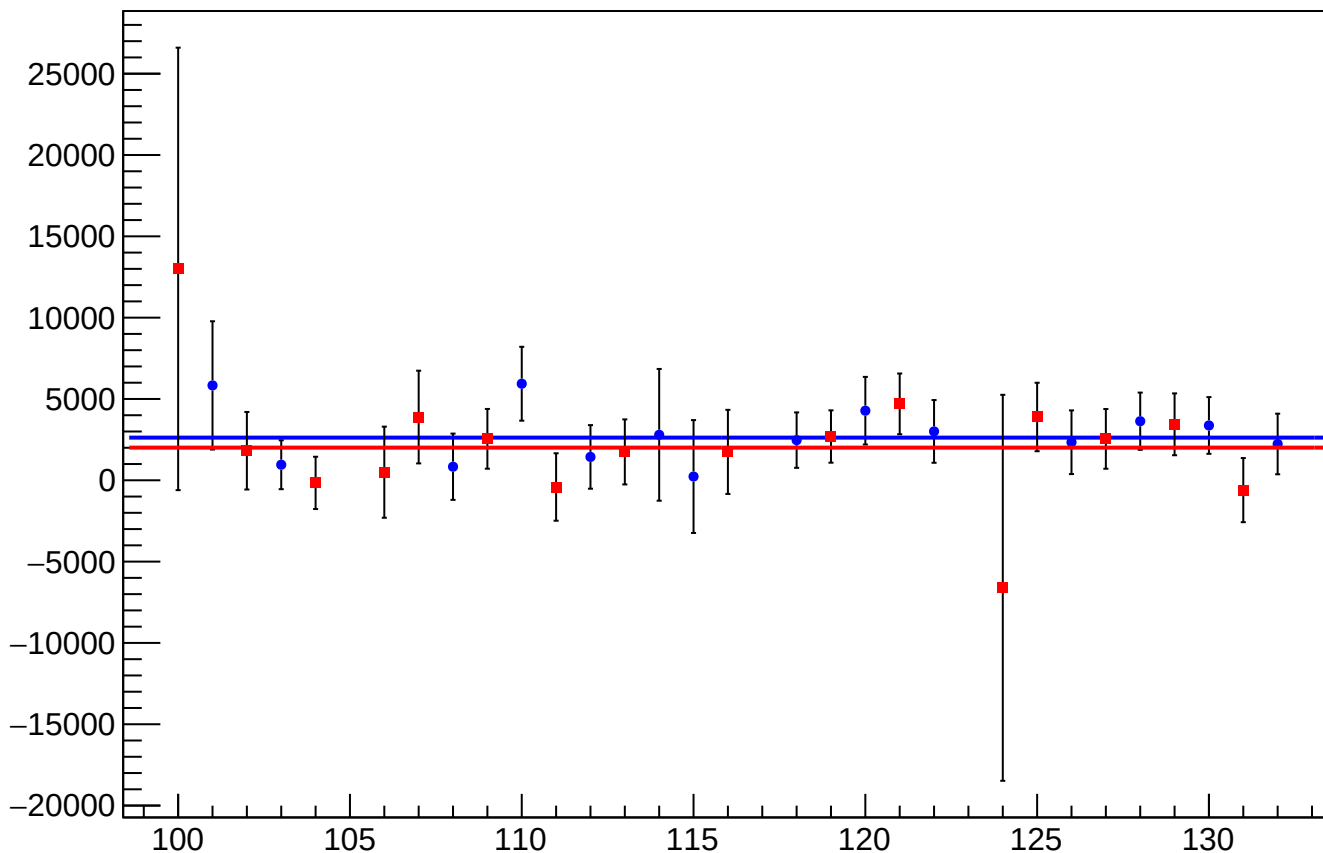
Right: 0.000+/-0.000 χ^2/NDF : 2969255.1/29

In: 0.000+/-0.000 χ^2/NDF : 747350.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2969255.1/29

reg_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2623.578 $\pm$ 542.911 χ^2 /NDF: 6.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2008.189 $\pm$ 535.768 χ^2 /NDF: 10.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

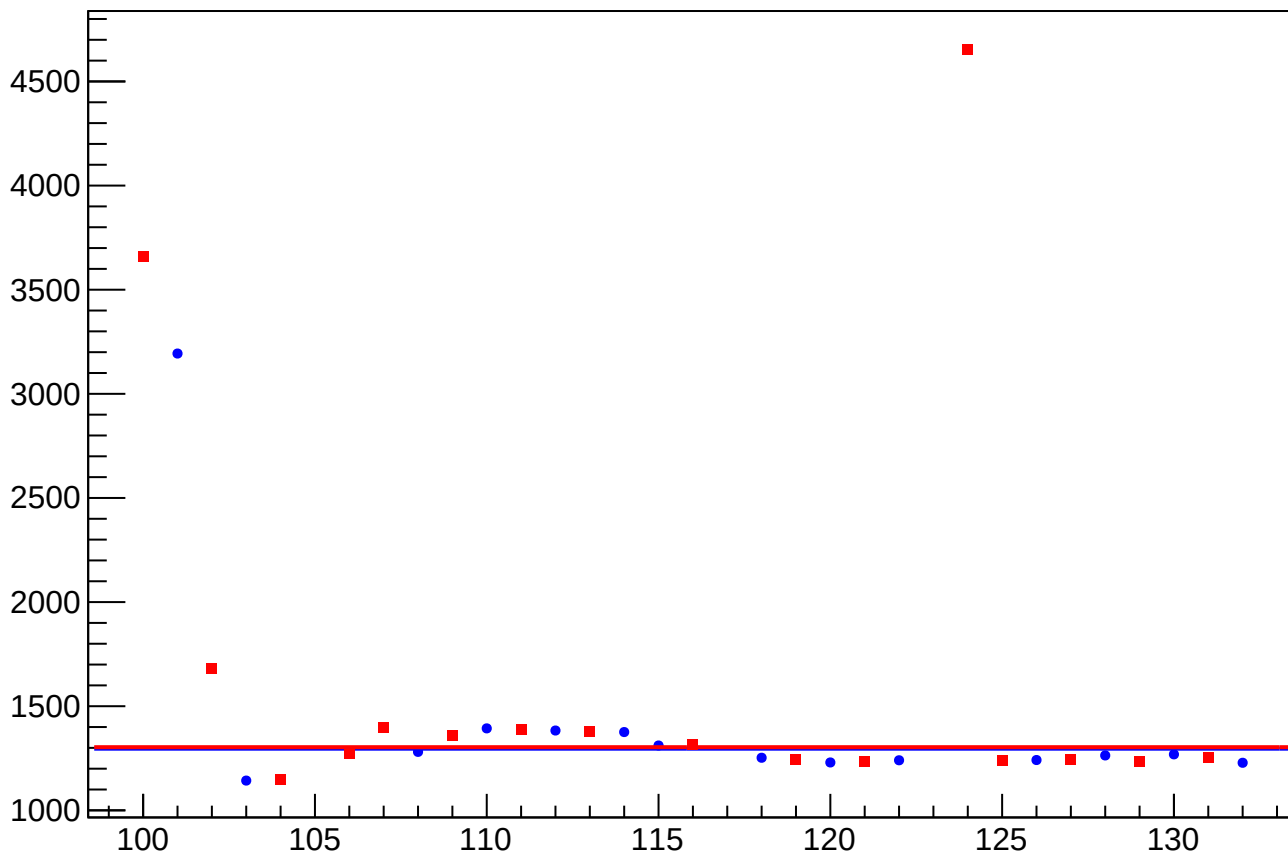
Right: 2311.808 $\pm$ 381.346 χ^2 /NDF: 18.2/29

In: 2623.578 $\pm$ 542.911 χ^2 /NDF:6.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2311.808 $\pm$ 381.346 χ^2 /NDF: 18.2/29

reg_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1296.072+/-0.384 χ^2/NDF : 502759.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1303.251+/-0.378 χ^2/NDF : 311742.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

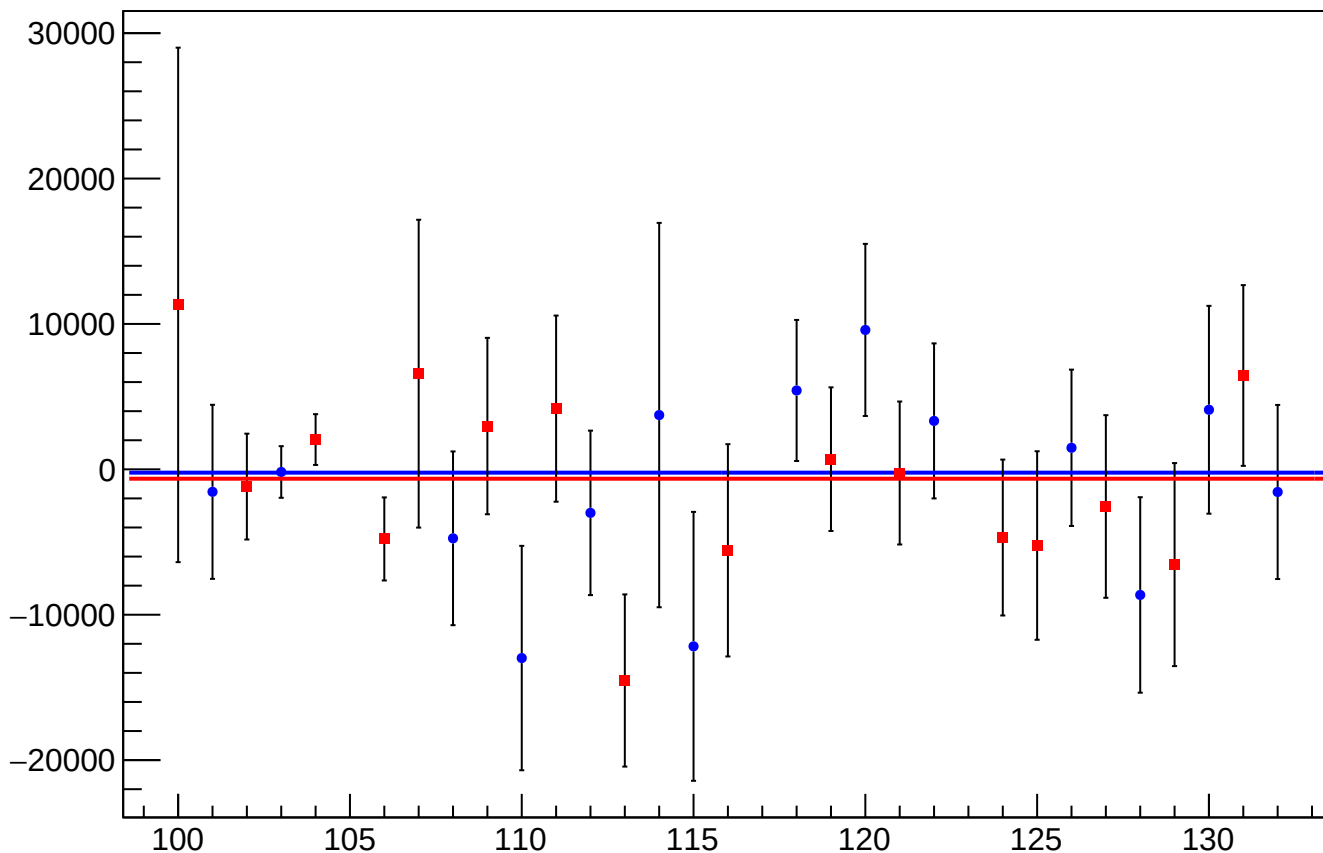
Right: 1299.720+/-0.269 χ^2/NDF : 814679.6/29

In: 1296.072+/-0.384 χ^2/NDF : 502759.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1299.720+/-0.269 χ^2/NDF : 814679.6/29

asym_atl_avg_atr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -228.753+/-1241.212 χ^2/NDF : 12.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -644.665+/-1084.819 χ^2/NDF : 15.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

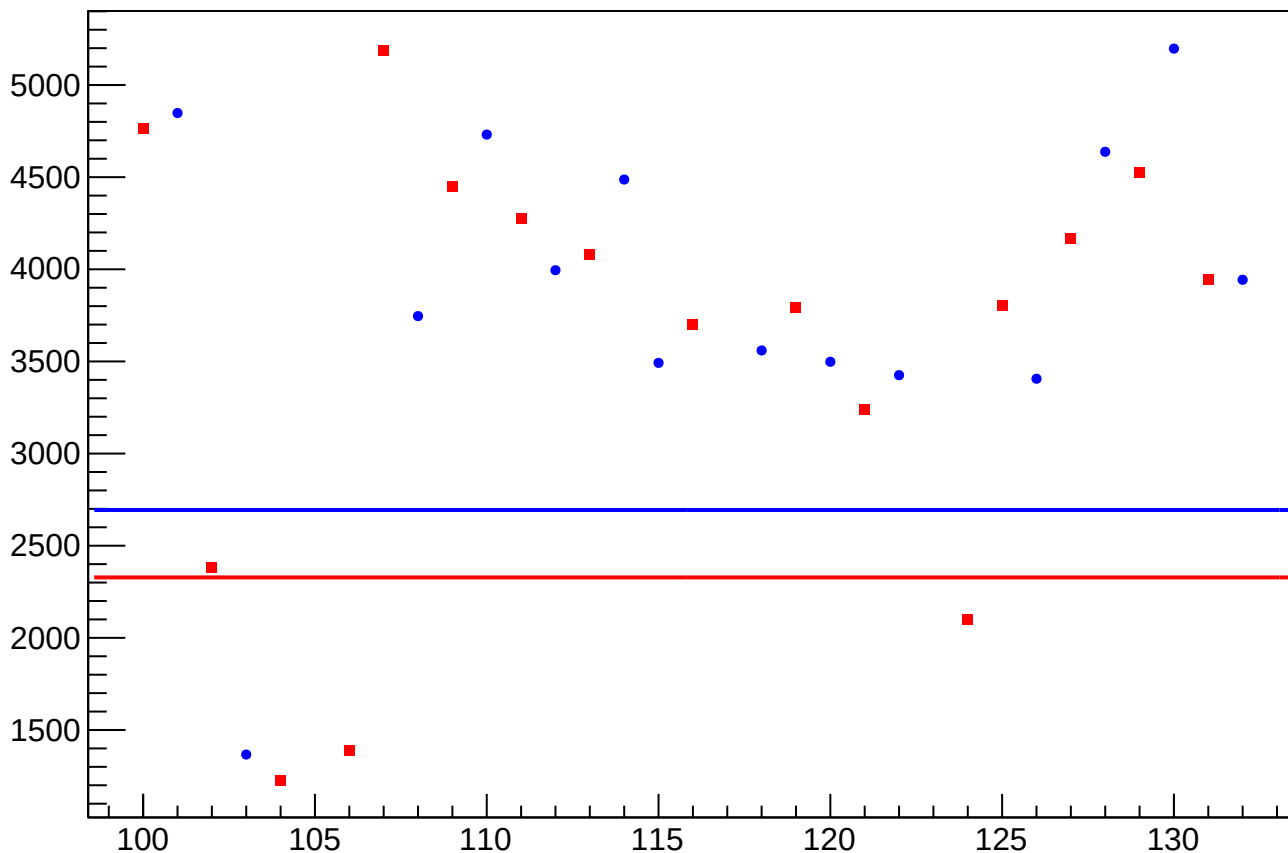
Right: -464.547+/-816.814 χ^2/NDF : 27.6/29

In: -228.753+/-1241.212 χ^2/NDF : 12.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -464.547+/-816.814 χ^2/NDF : 27.6/29

asym_atl_avg_atr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2693.903+/-0.878 χ^2/NDF : 2408754.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2327.998+/-0.767 χ^2/NDF : 2731045.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

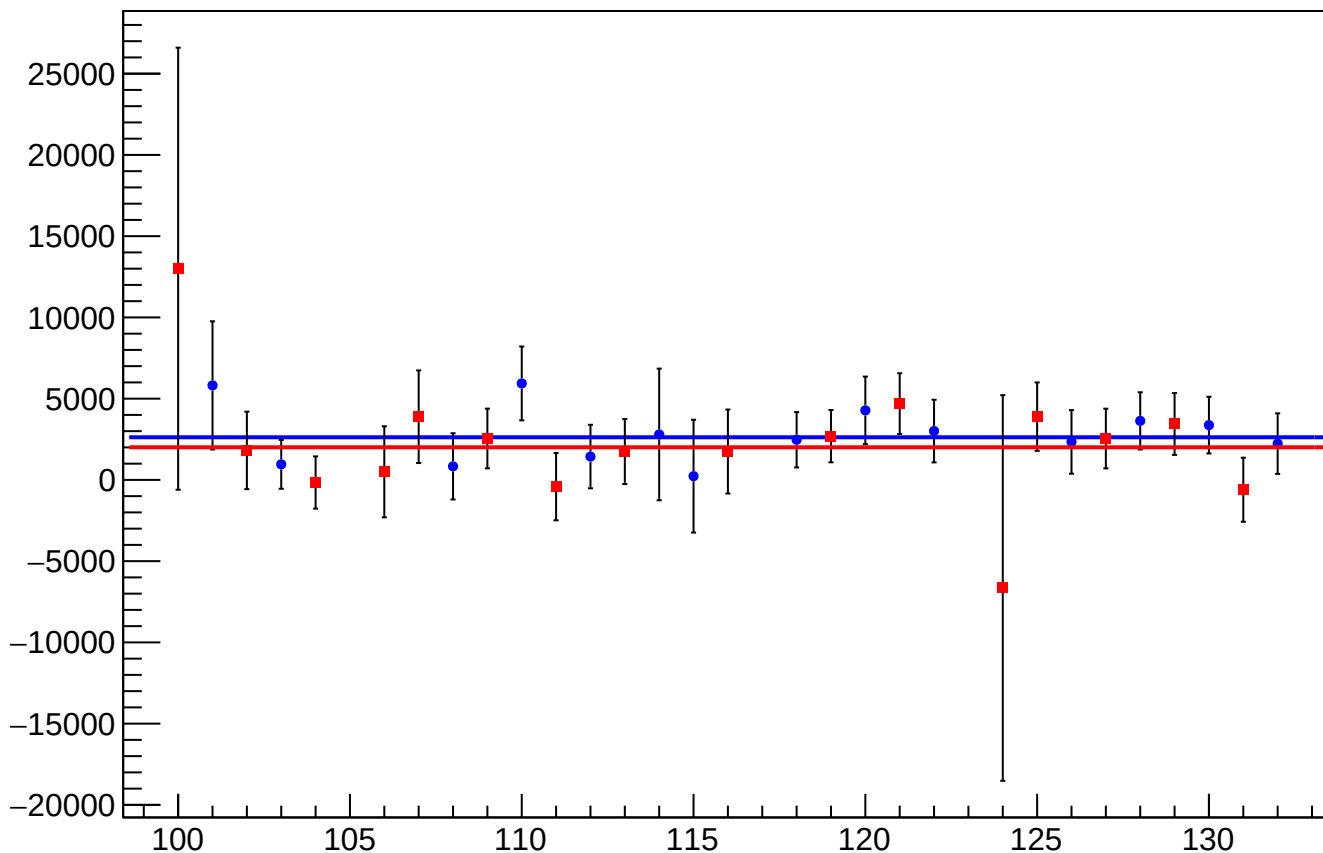
Right: 2486.460+/-0.578 χ^2/NDF : 5238339.4/29

In: 2693.903+/-0.878 χ^2/NDF : 2408754.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2486.460+/-0.578 χ^2/NDF : 5238339.4/29

cor_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2623.271+/-542.911 χ^2/NDF : 6.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2007.881+/-535.768 χ^2/NDF : 10.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

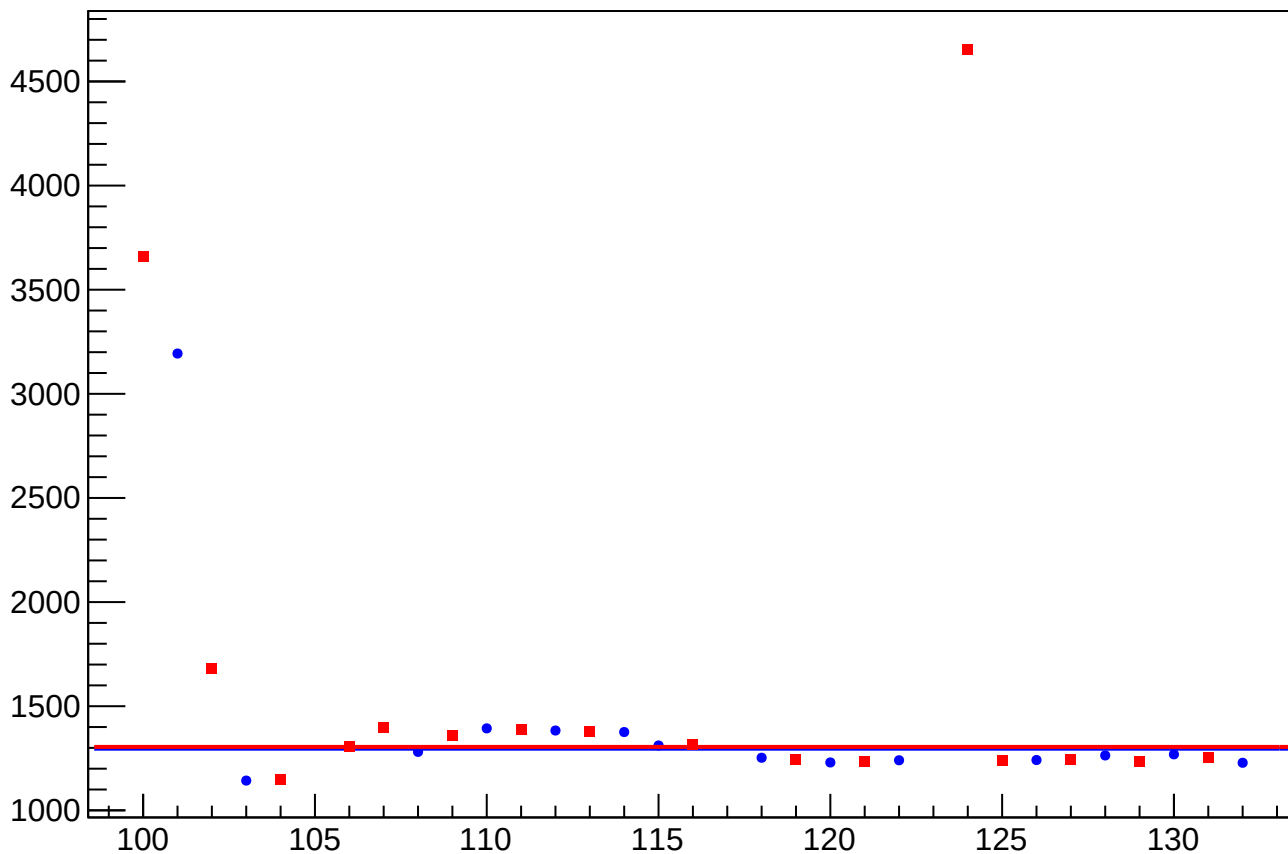
Right: 2311.501+/-381.346 χ^2/NDF : 18.2/29

In: 2623.271+/-542.911 χ^2/NDF : 6.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2311.501+/-381.346 χ^2/NDF : 18.2/29

cor_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1296.072+/-0.384 χ^2/NDF : 502760.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1304.550+/-0.378 χ^2/NDF : 311481.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

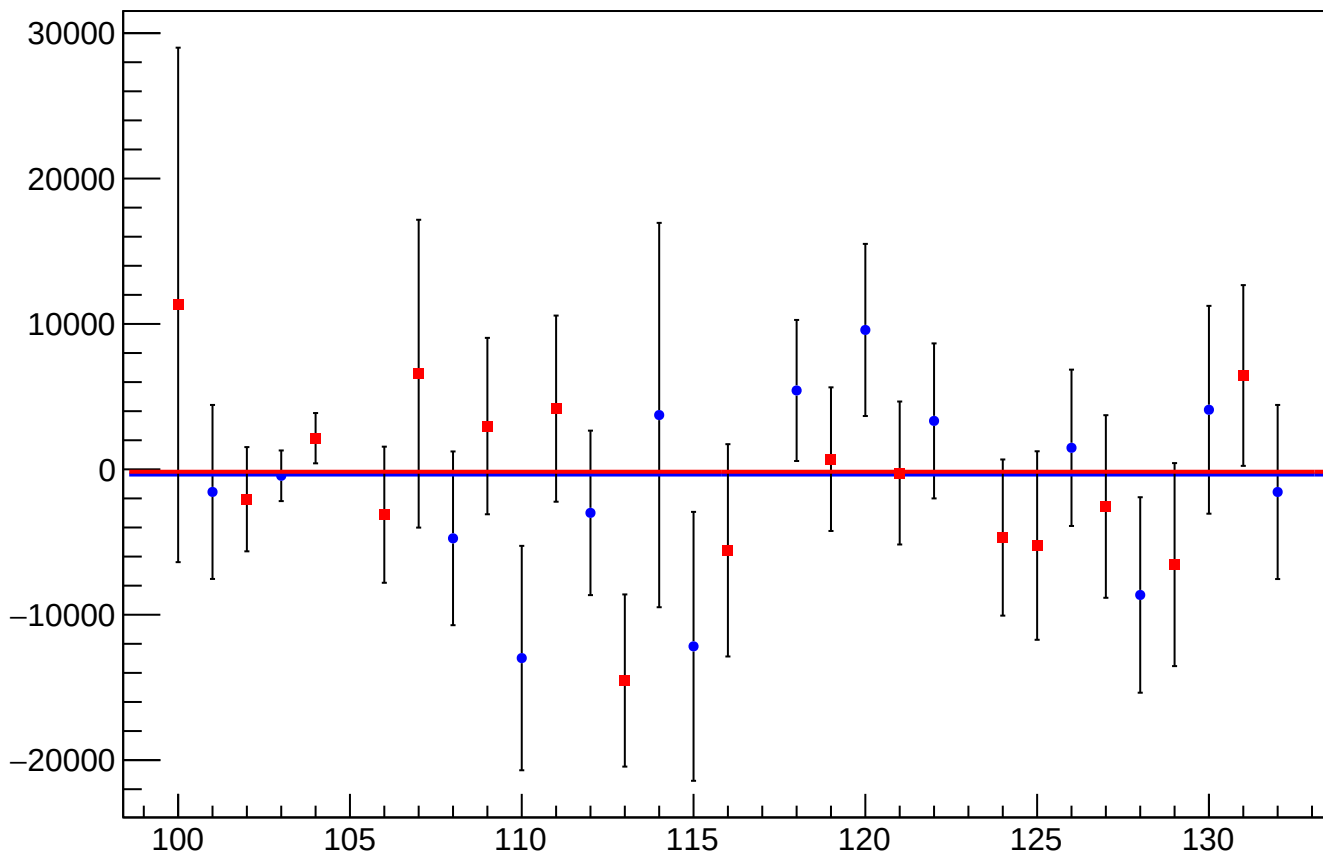
Right: 1300.377+/-0.269 χ^2/NDF : 814490.5/29

In: 1296.072+/-0.384 χ^2/NDF : 502760.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1300.377+/-0.269 χ^2/NDF : 814490.5/29

asym_atl_avg_atr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -358.049+/-1229.475 χ^2/NDF : 12.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -164.892+/-1131.427 χ^2/NDF : 13.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

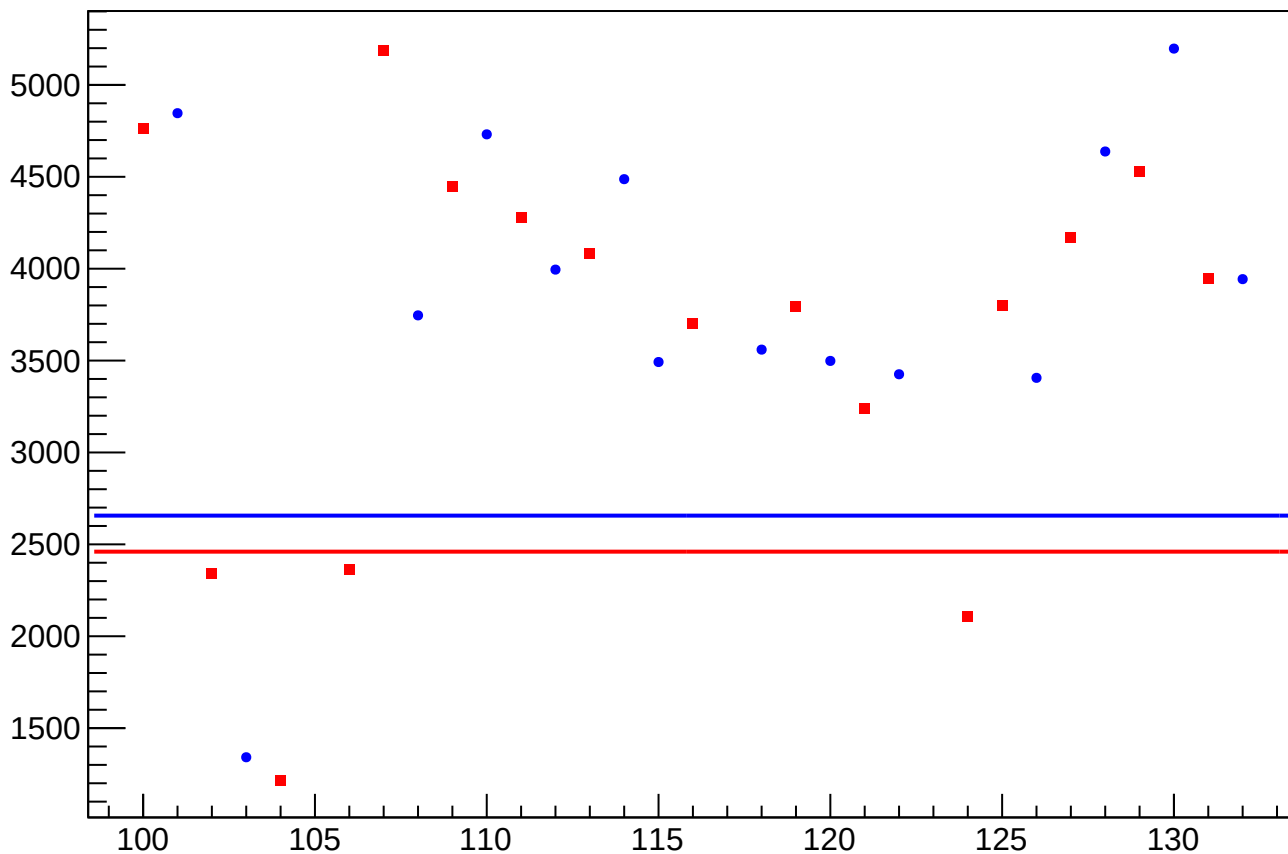
Right: -253.463+/-832.548 χ^2/NDF : 25.9/29

In: -358.049+/-1229.475 χ^2/NDF : 12.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -253.463+/-832.548 χ^2/NDF : 25.9/29

asym_atl_avg_atr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2656.362+/-0.869 χ^2/NDF : 2495079.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2460.288+/-0.800 χ^2/NDF : 2518193.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

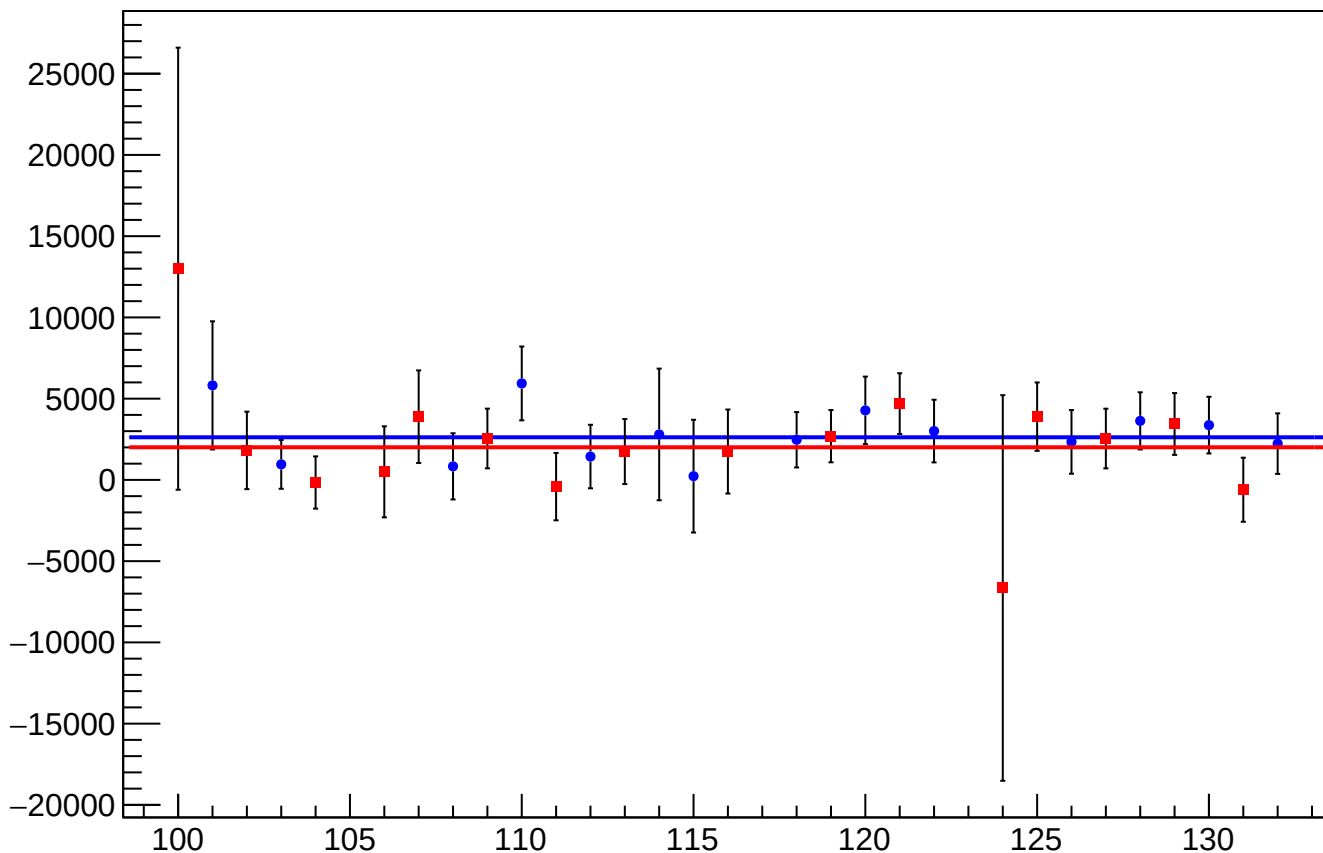
Right: 2550.196+/-0.589 χ^2/NDF : 5040814.2/29

In: 2656.362+/-0.869 χ^2/NDF : 2495079.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2550.196+/-0.589 χ^2/NDF : 5040814.2/29

eigen_cor_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2623.271+/-542.911 χ^2 /NDF: 6.9/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2007.881+/-535.768 χ^2 /NDF: 10.7/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

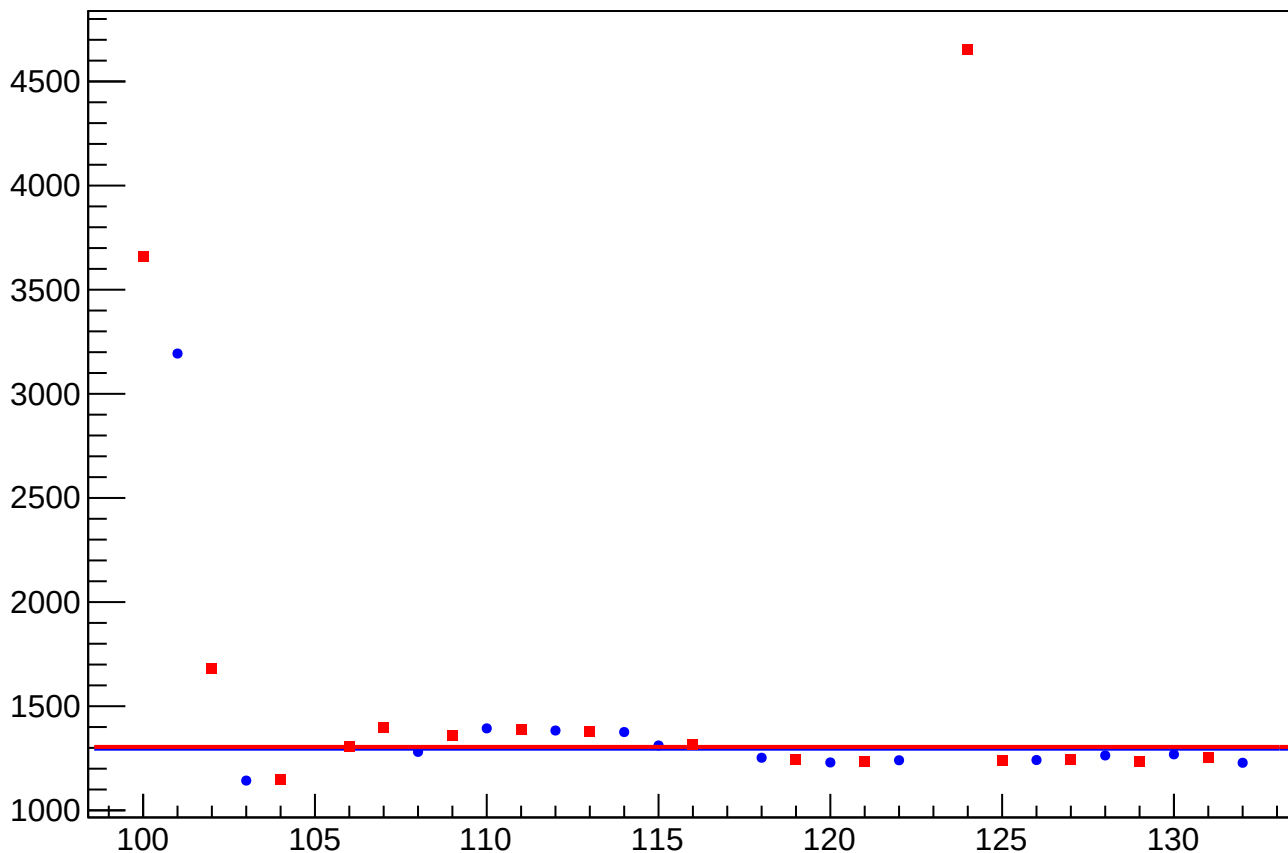
Right: 2311.501+/-381.346 χ^2 /NDF: 18.2/29

In: 2623.271+/-542.911 χ^2 /NDF:6.9/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2311.501+/-381.346 χ^2 /NDF: 18.2/29

eigen_cor_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1296.072+/-0.384 χ^2/NDF : 502760.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1304.550+/-0.378 χ^2/NDF : 311481.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

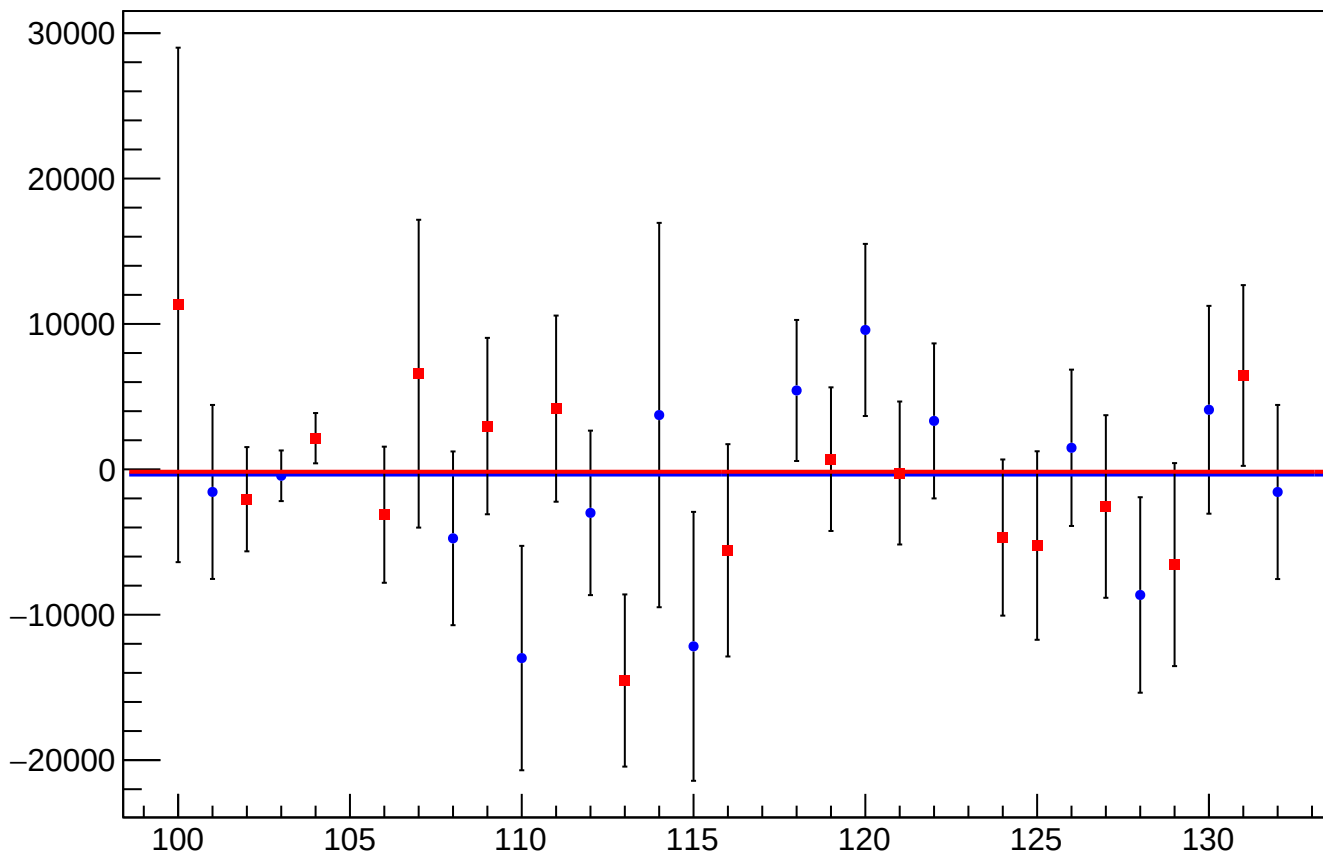
Right: 1300.377+/-0.269 χ^2/NDF : 814490.5/29

In: 1296.072+/-0.384 χ^2/NDF : 502760.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1300.377+/-0.269 χ^2/NDF : 814490.5/29

asym_atl_avg_atr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -358.049+/-1229.475 χ^2/NDF : 12.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -164.892+/-1131.427 χ^2/NDF : 13.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

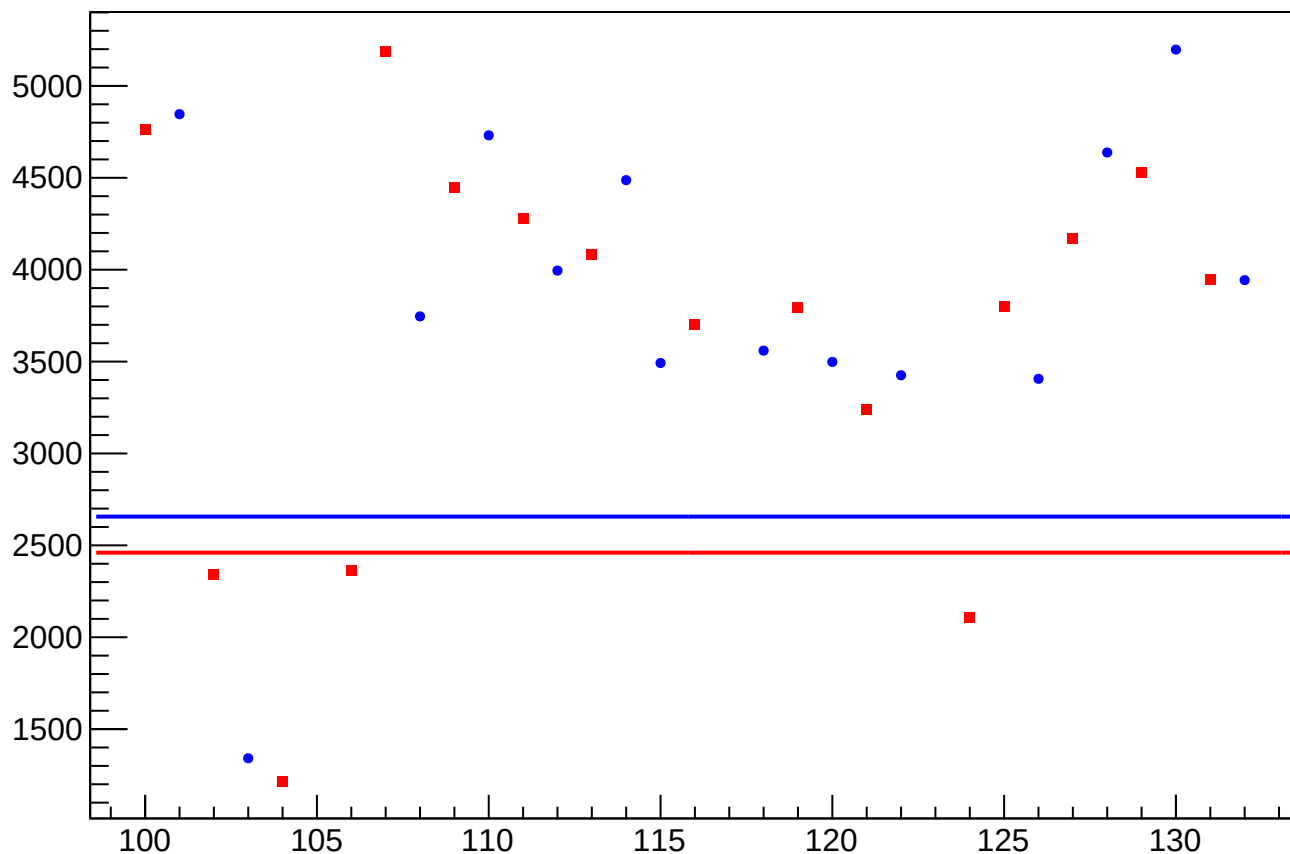
Right: -253.463+/-832.548 χ^2/NDF : 25.9/29

In: -358.049+/-1229.475 χ^2/NDF : 12.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -253.463+/-832.548 χ^2/NDF : 25.9/29

asym_atl_avg_atr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2656.362+/-0.869 χ^2/NDF : 2495079.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2460.288+/-0.800 χ^2/NDF : 2518193.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

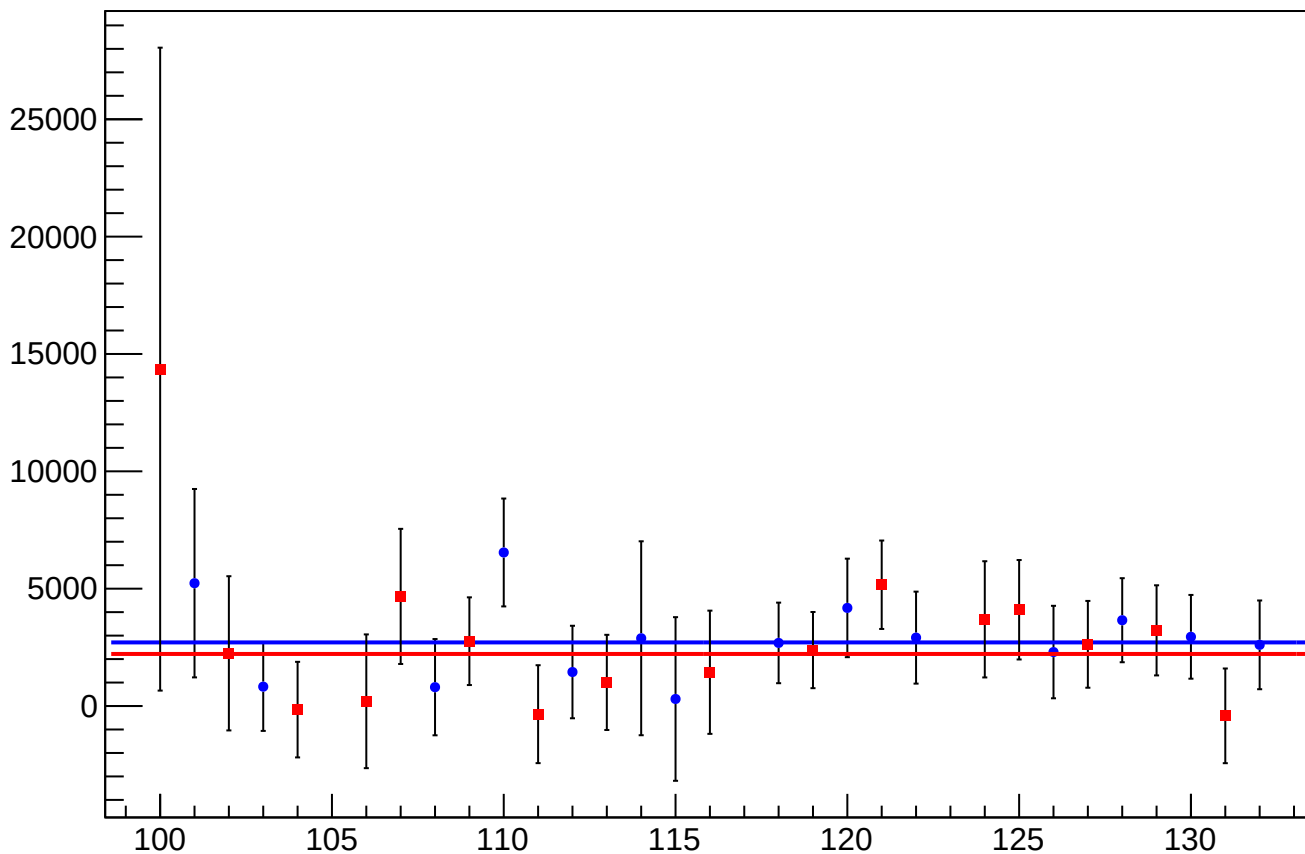
Right: 2550.196+/-0.589 χ^2/NDF : 5040814.2/29

In: 2656.362+/-0.869 χ^2/NDF : 2495079.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2550.196+/-0.589 χ^2/NDF : 5040814.2/29

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2710.275+/-562.634 χ^2/NDF : 6.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2218.515+/-546.816 χ^2/NDF : 11.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

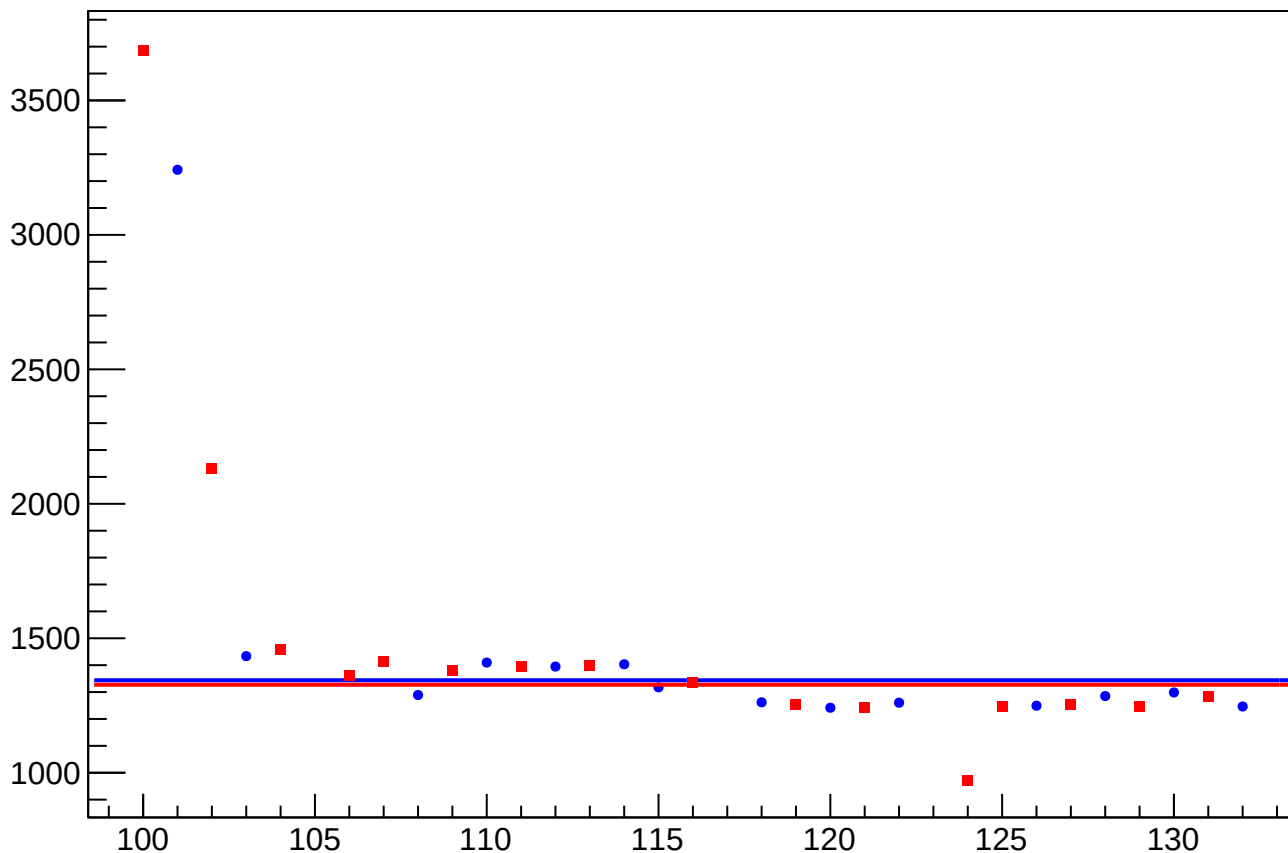
Right: 2457.385+/-392.130 χ^2/NDF : 18.2/29

In: 2710.275+/-562.634 χ^2/NDF : 6.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2457.385+/-392.130 χ^2/NDF : 18.2/29

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1343.868+/-0.398 χ^2/NDF : 483088.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1327.166+/-0.386 χ^2/NDF : 255657.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

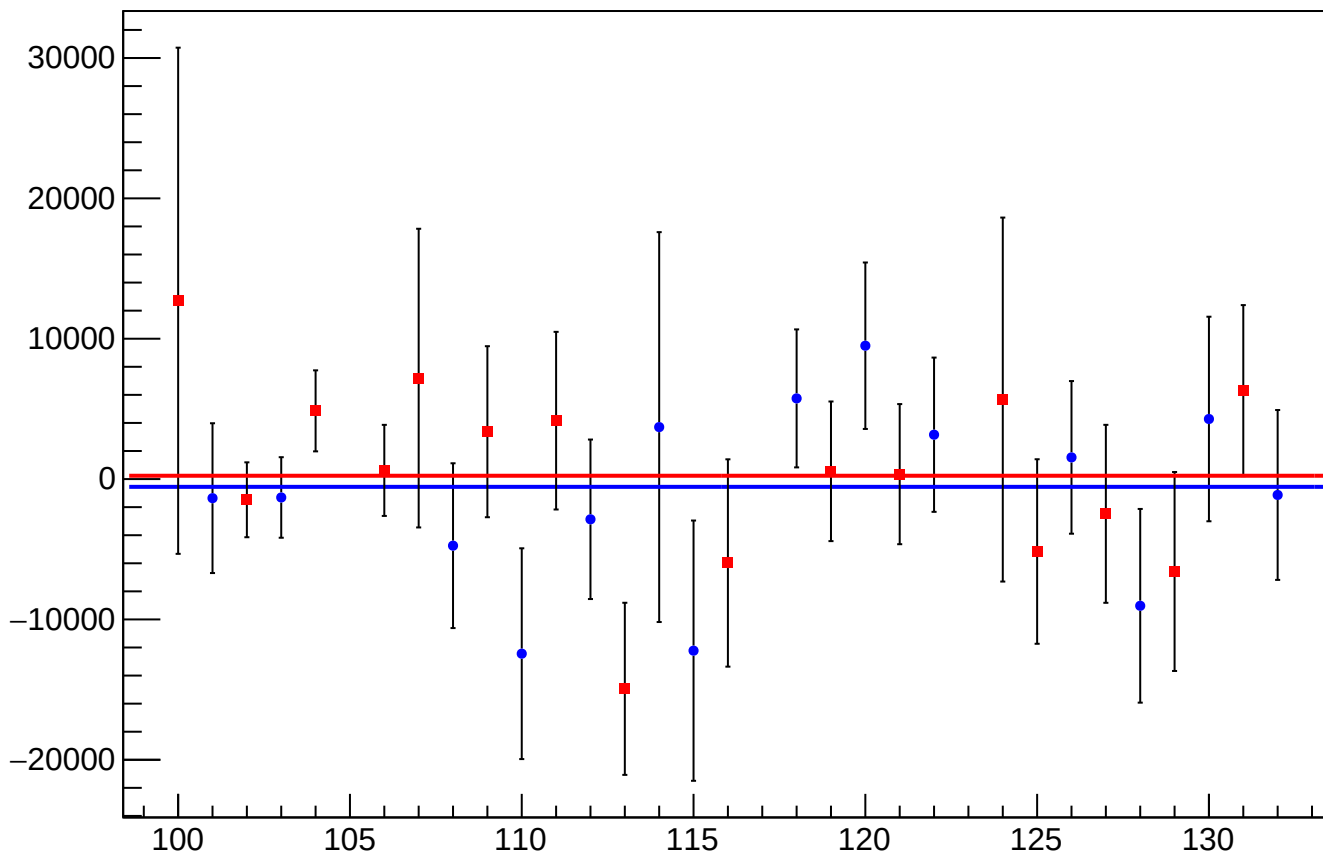
Right: 1335.273+/-0.277 χ^2/NDF : 739653.3/29

In: 1343.868+/-0.398 χ^2/NDF : 483088.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1335.273+/-0.277 χ^2/NDF : 739653.3/29

asym_atl_avg_atr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -553.553+/-1482.498 χ^2/NDF : 12.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 237.177+/-1244.554 χ^2/NDF : 14.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

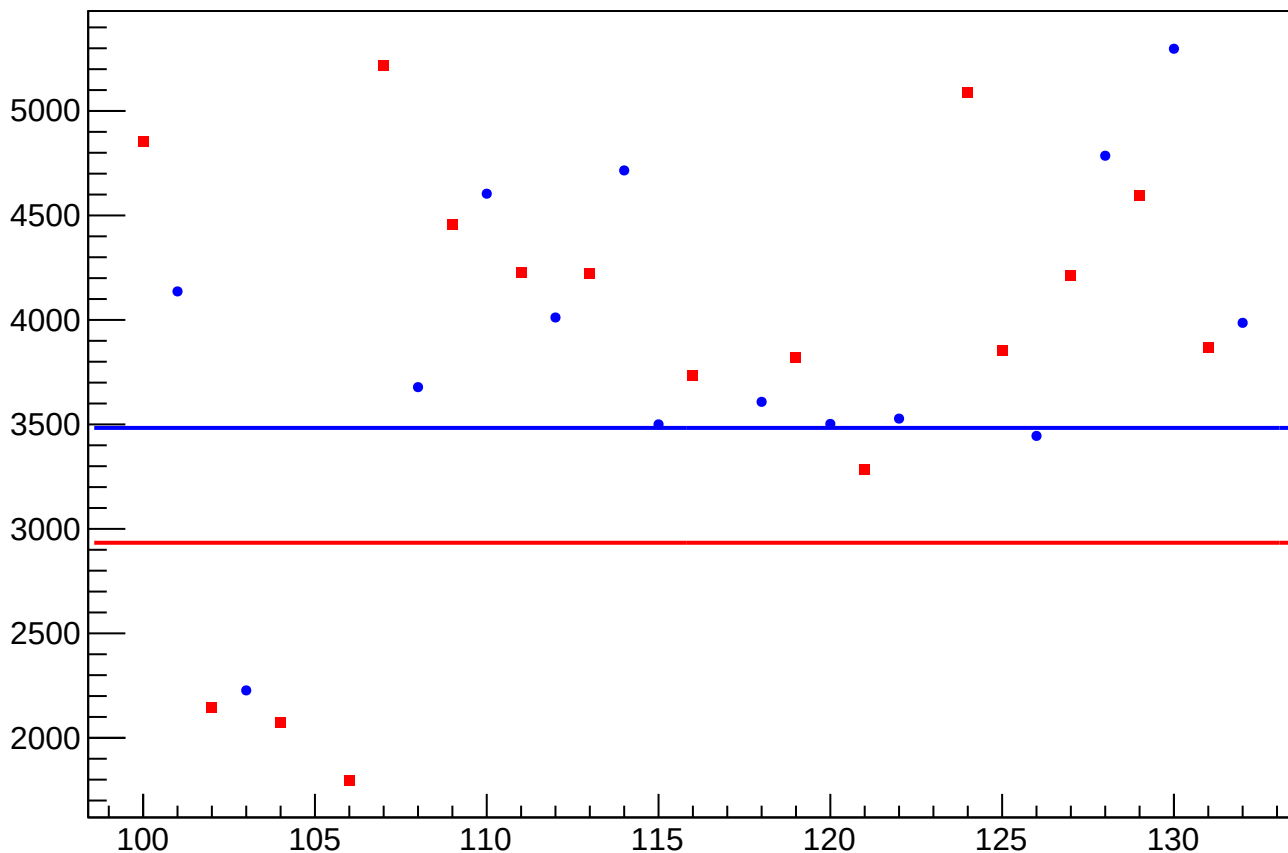
Right: -89.715+/-953.197 χ^2/NDF : 26.5/29

In: -553.553+/-1482.498 χ^2/NDF : 12.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -89.715+/-953.197 χ^2/NDF : 26.5/29

asym_atl_avg_atr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3483.246+/-1.048 χ^2/NDF : 703680.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2933.617+/-0.880 χ^2/NDF : 1440662.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

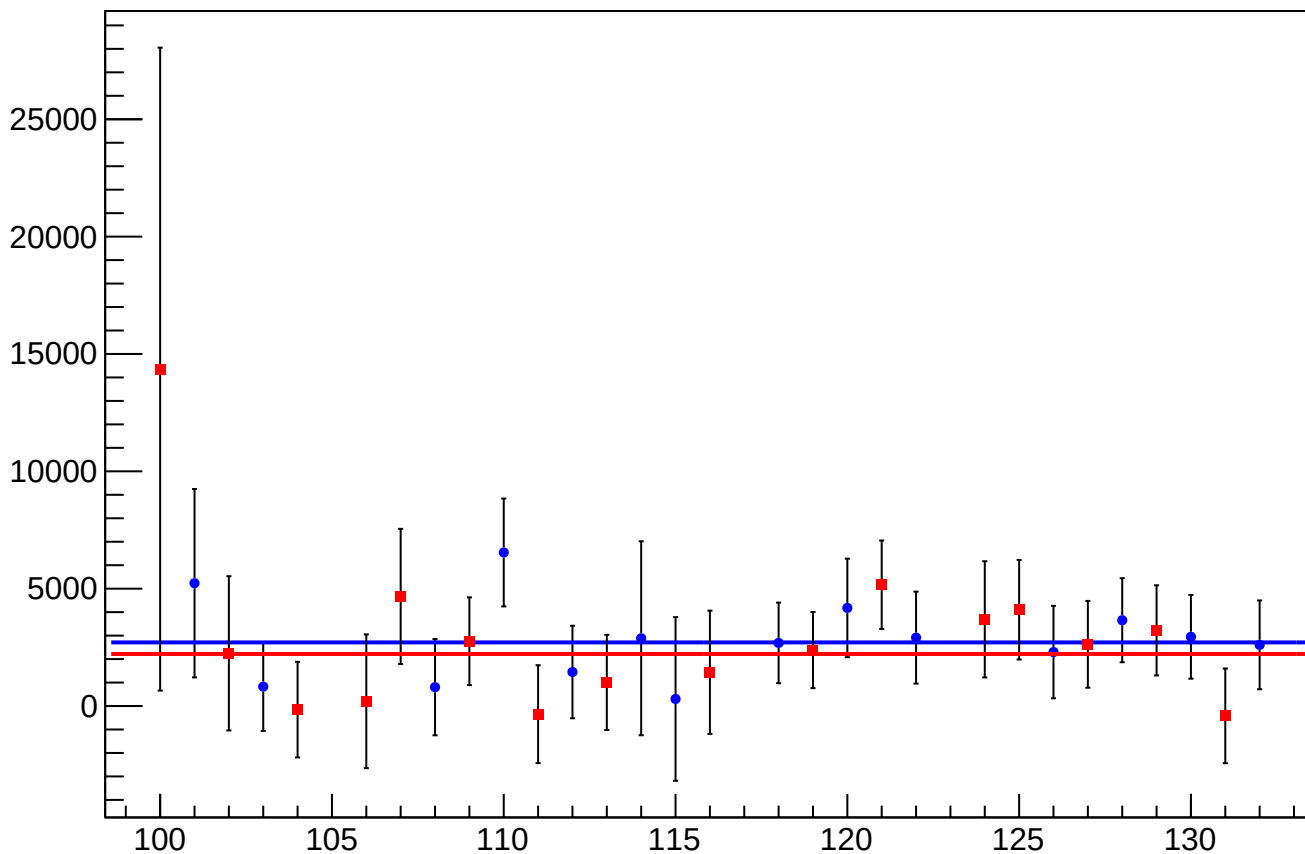
Right: 3160.837+/-0.674 χ^2/NDF : 2305600.6/29

In: 3483.246+/-1.048 χ^2/NDF : 703680.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3160.837+/-0.674 χ^2/NDF : 2305600.6/29

eigen_dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2710.275+/-562.633 χ^2/NDF : 6.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2218.519+/-546.815 χ^2/NDF : 11.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

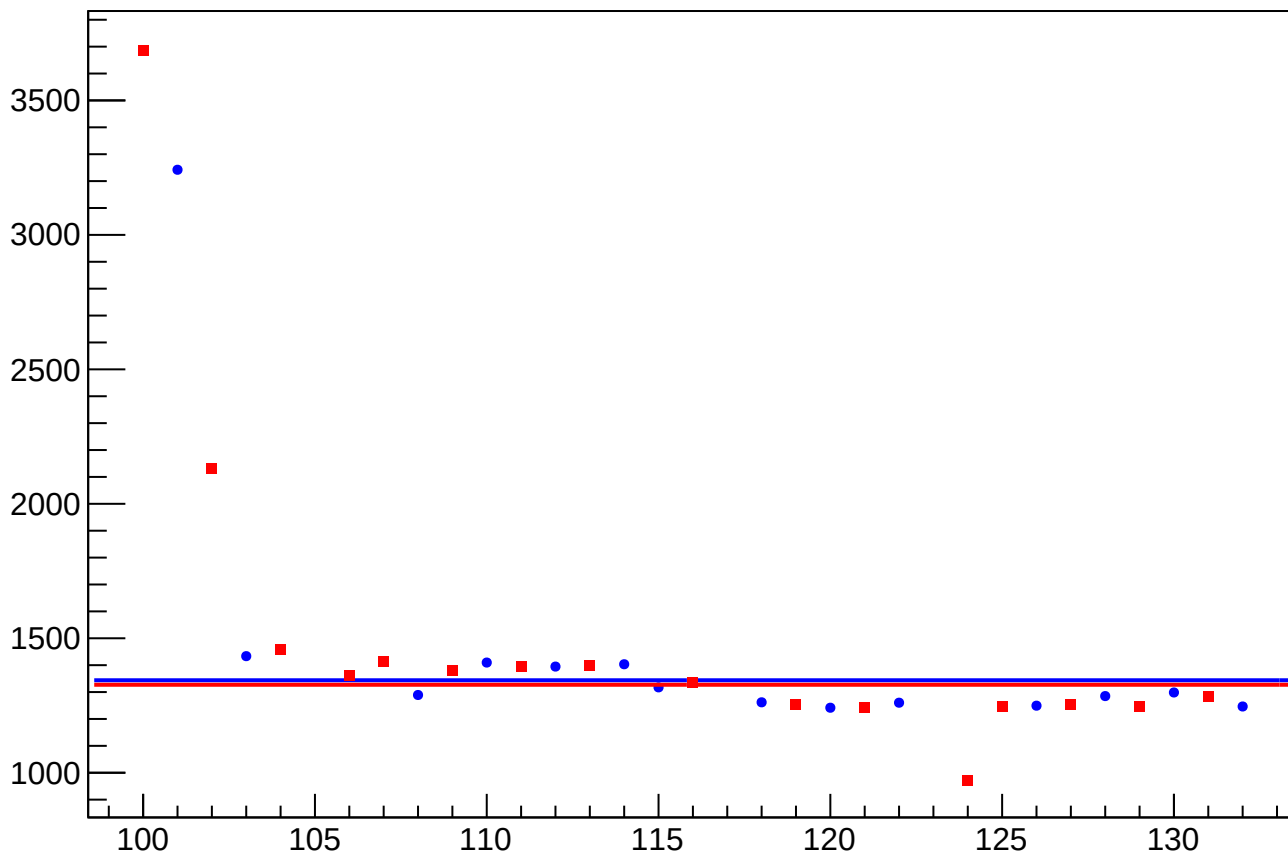
Right: 2457.388+/-392.130 χ^2/NDF : 18.2/29

In: 2710.275+/-562.633 χ^2/NDF : 6.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2457.388+/-392.130 χ^2/NDF : 18.2/29

eigen_dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1343.868+/-0.398 χ^2/NDF : 483088.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1327.166+/-0.386 χ^2/NDF : 255656.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

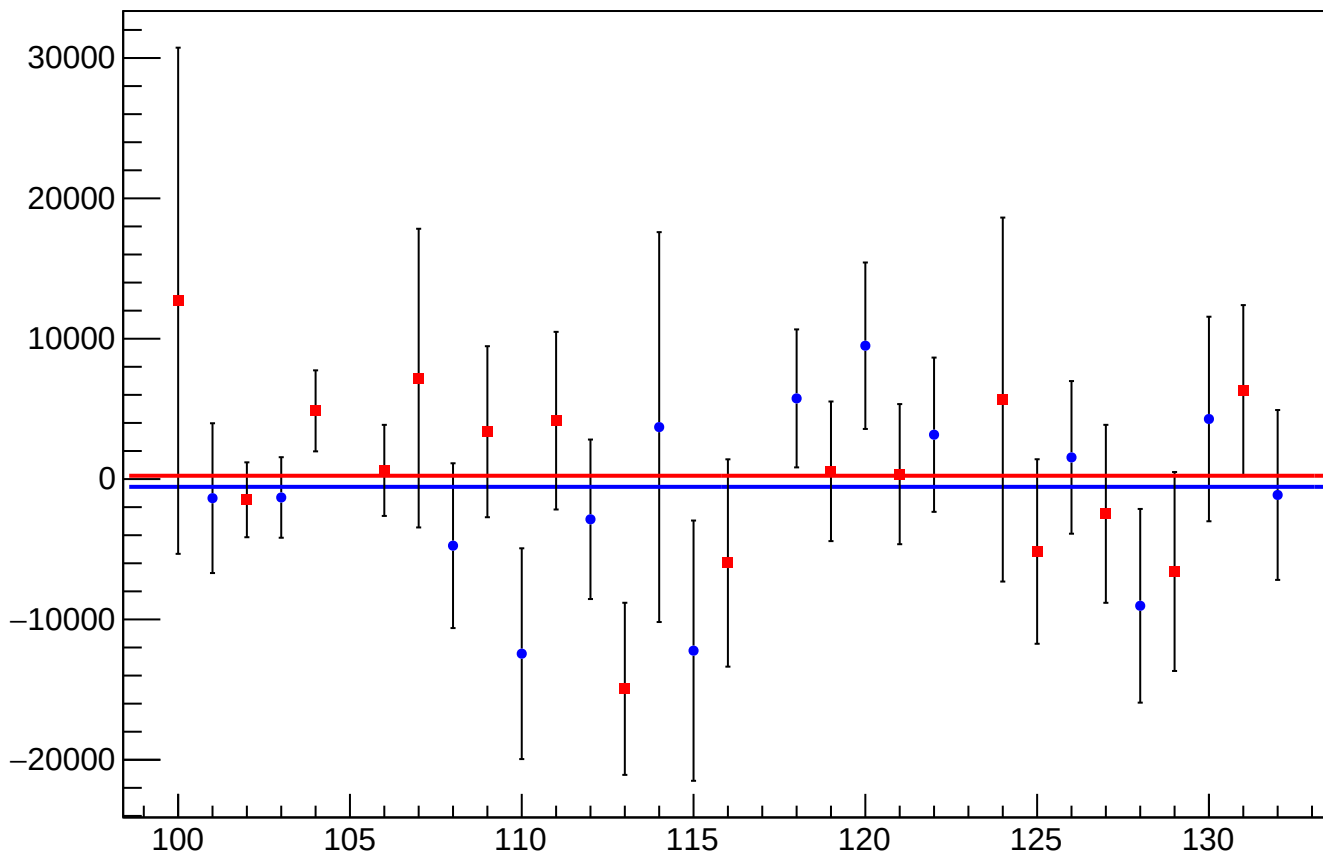
Right: 1335.273+/-0.277 χ^2/NDF : 739652.4/29

In: 1343.868+/-0.398 χ^2/NDF : 483088.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1335.273+/-0.277 χ^2/NDF : 739652.4/29

asym_atl_avg_atr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -553.549+/-1482.494 χ^2/NDF : 12.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 237.179+/-1244.550 χ^2/NDF : 14.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

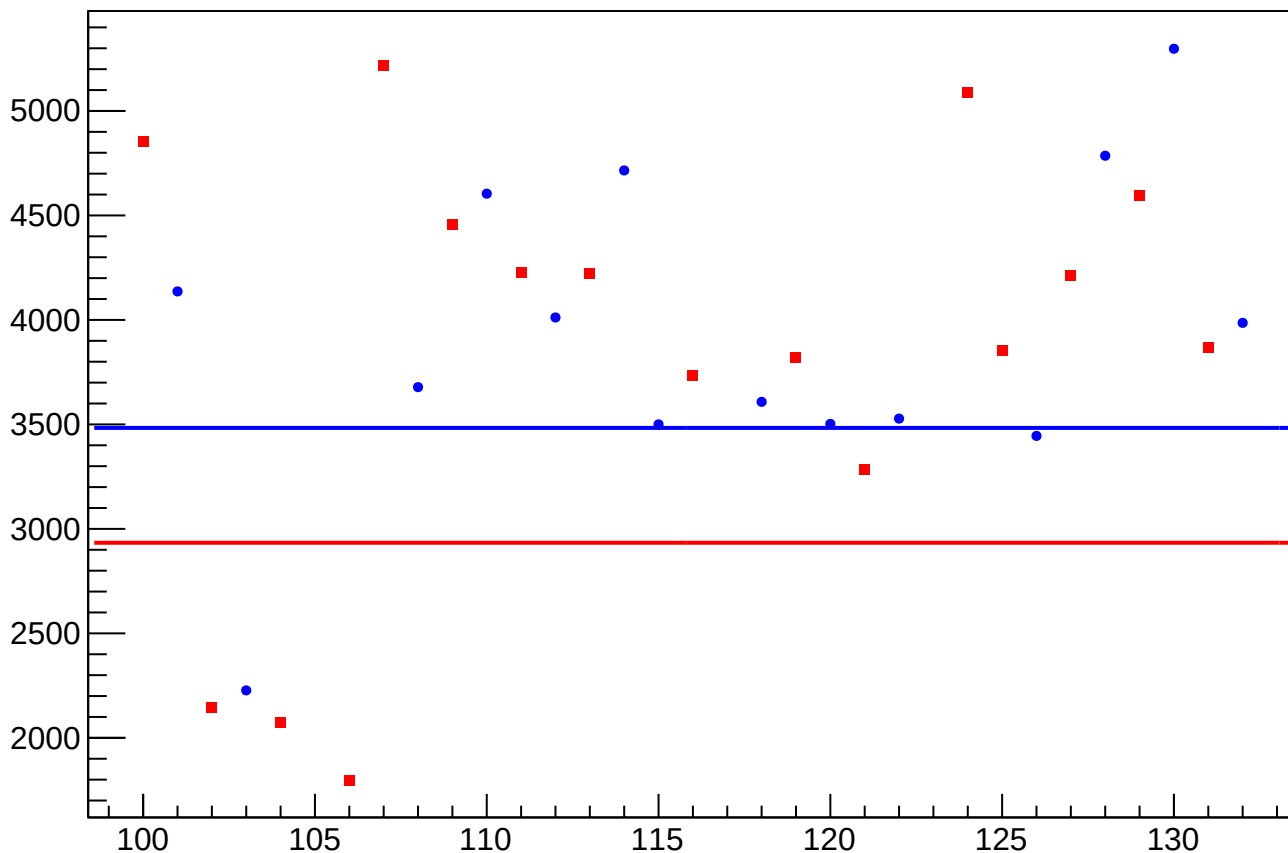
Right: -89.713+/-953.194 χ^2/NDF : 26.5/29

In: -553.549+/-1482.494 χ^2/NDF : 12.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -89.713+/-953.194 χ^2/NDF : 26.5/29

asym_atl_avg_atr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3483.236+/-1.048 χ^2/NDF : 703678.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2933.608+/-0.880 χ^2/NDF : 1440662.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

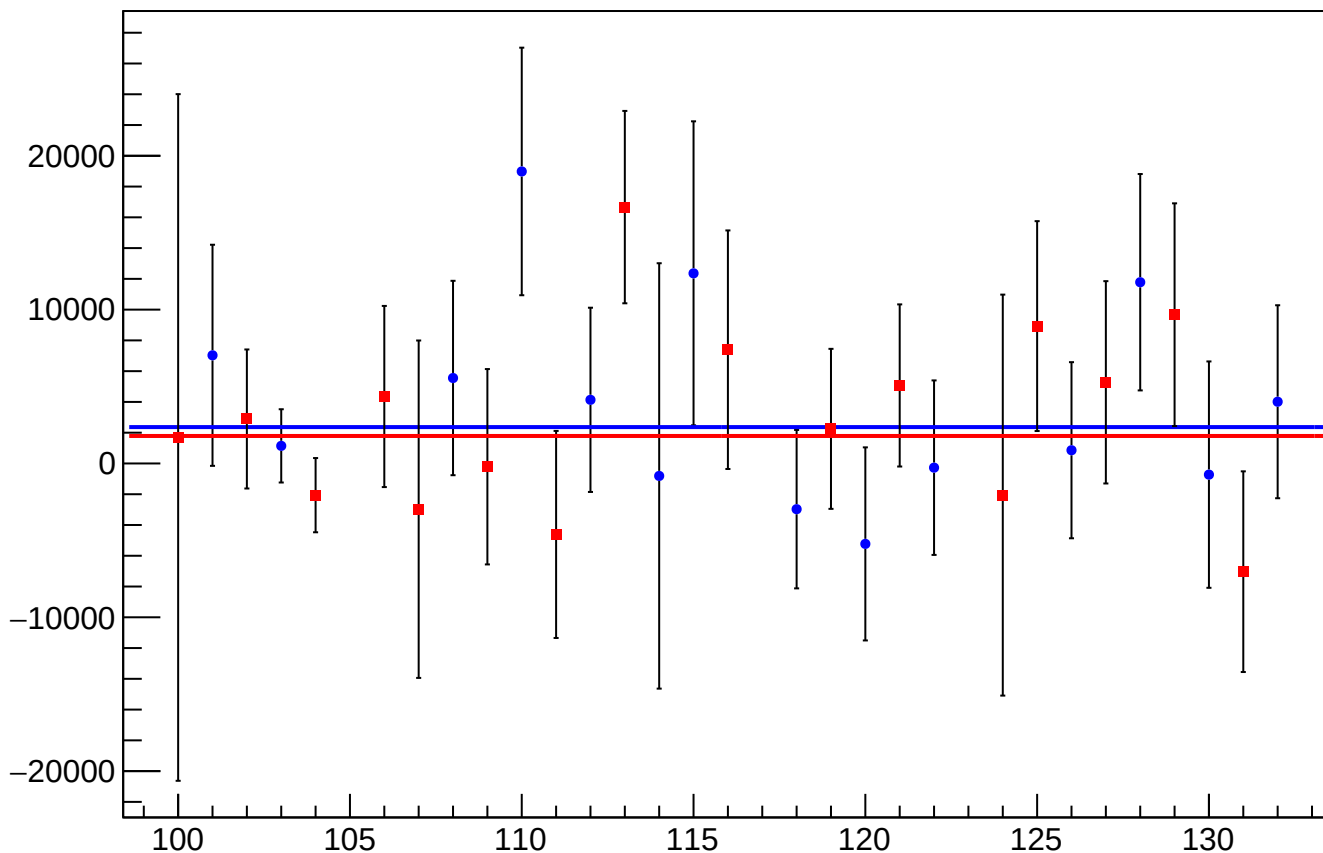
Right: 3160.828+/-0.674 χ^2/NDF : 2305599.1/29

In: 3483.236+/-1.048 χ^2/NDF : 703678.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3160.828+/-0.674 χ^2/NDF : 2305599.1/29

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2364.322+/-1461.173 χ^2/NDF : 11.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1787.005+/-1393.386 χ^2/NDF : 15.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

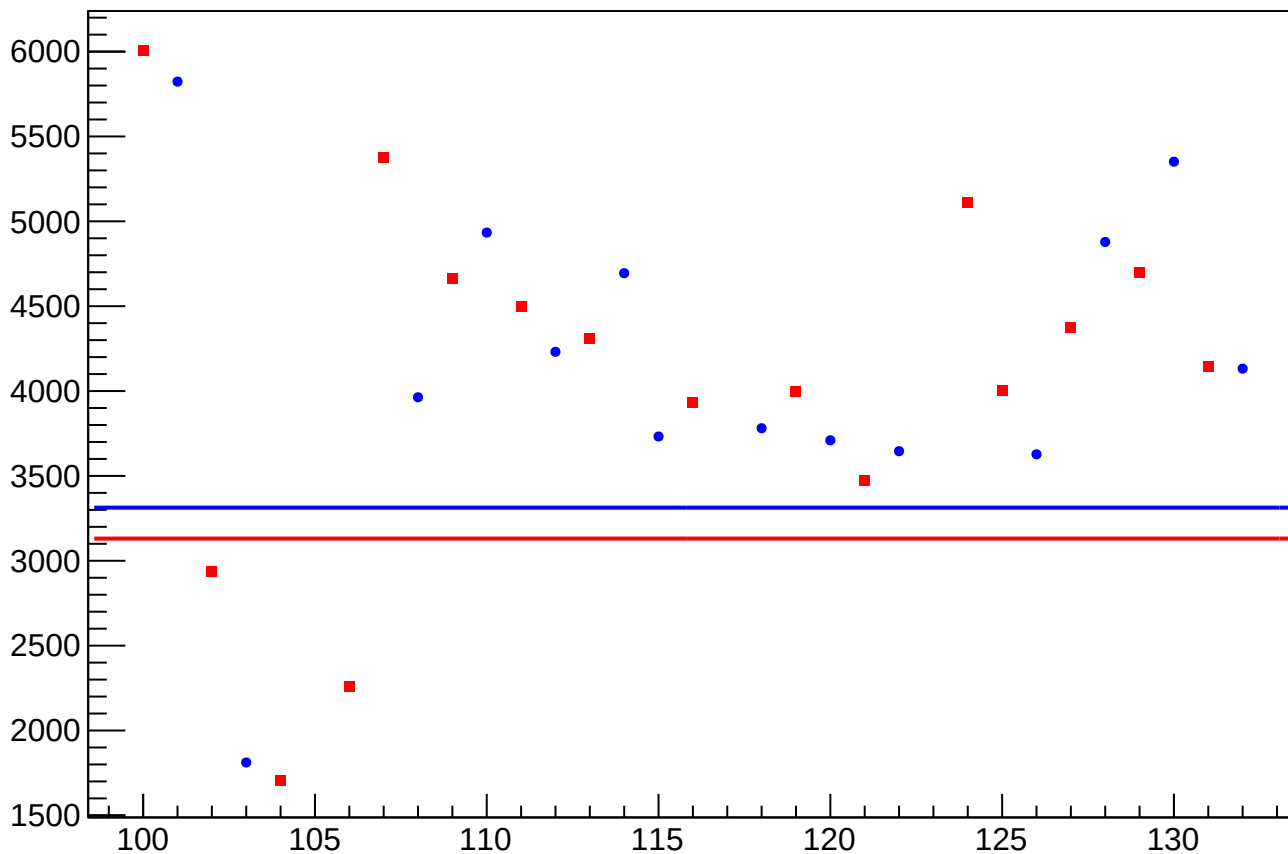
Right: 2061.962+/-1008.386 χ^2/NDF : 26.4/29

In: 2364.322+/-1461.173 χ^2/NDF : 11.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2061.962+/-1008.386 χ^2/NDF : 26.4/29

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3313.099+/-1.033 χ^2/NDF : 1536005.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3130.879+/-0.971 χ^2/NDF : 1533889.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

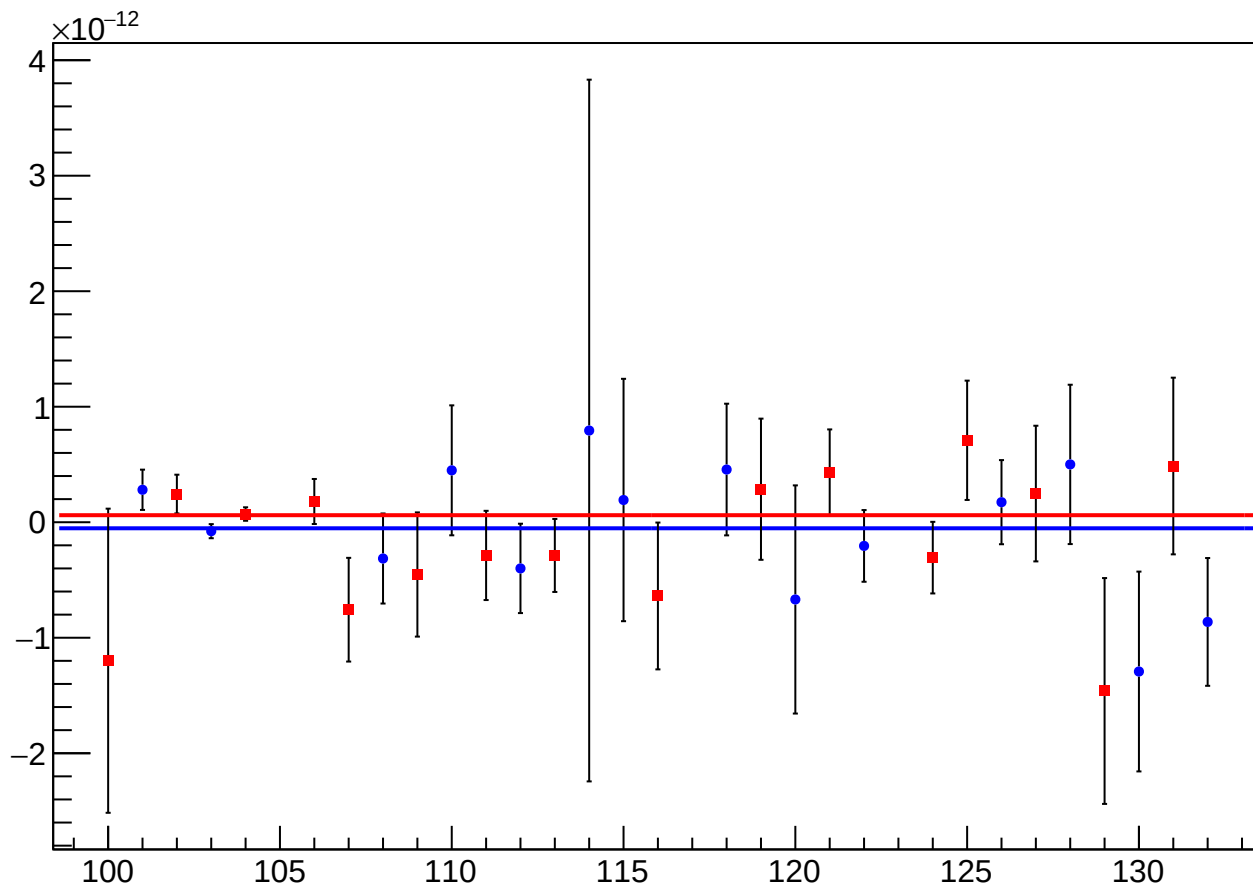
Right: 3216.309+/-0.707 χ^2/NDF : 3086417.2/29

In: 3313.099+/-1.033 χ^2/NDF : 1536005.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3216.309+/-0.707 χ^2/NDF : 3086417.2/29

asym_atl_avg_atr_avg_avg_reg_vs_Slug, Sign Corrected



Right In: -0.000 ± 0.000 $\chi^2/\text{NDF}: 12.7/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 16.9/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

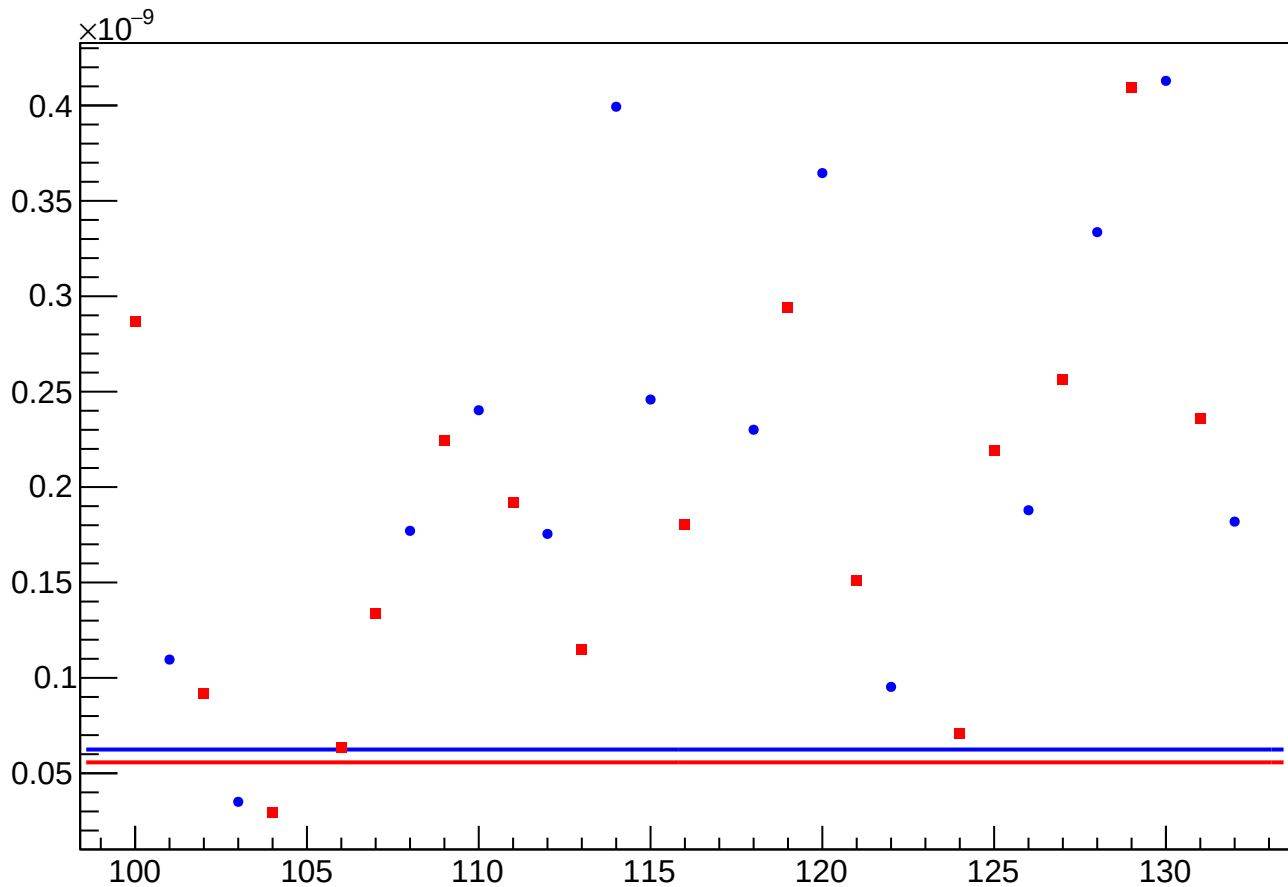
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 32.0/29$

In: -0.000 ± 0.000 $\chi^2/\text{NDF}: 12.7/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.000 ± 0.000 $\chi^2/\text{NDF}: 32.0/29$

asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2529149.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2465909.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

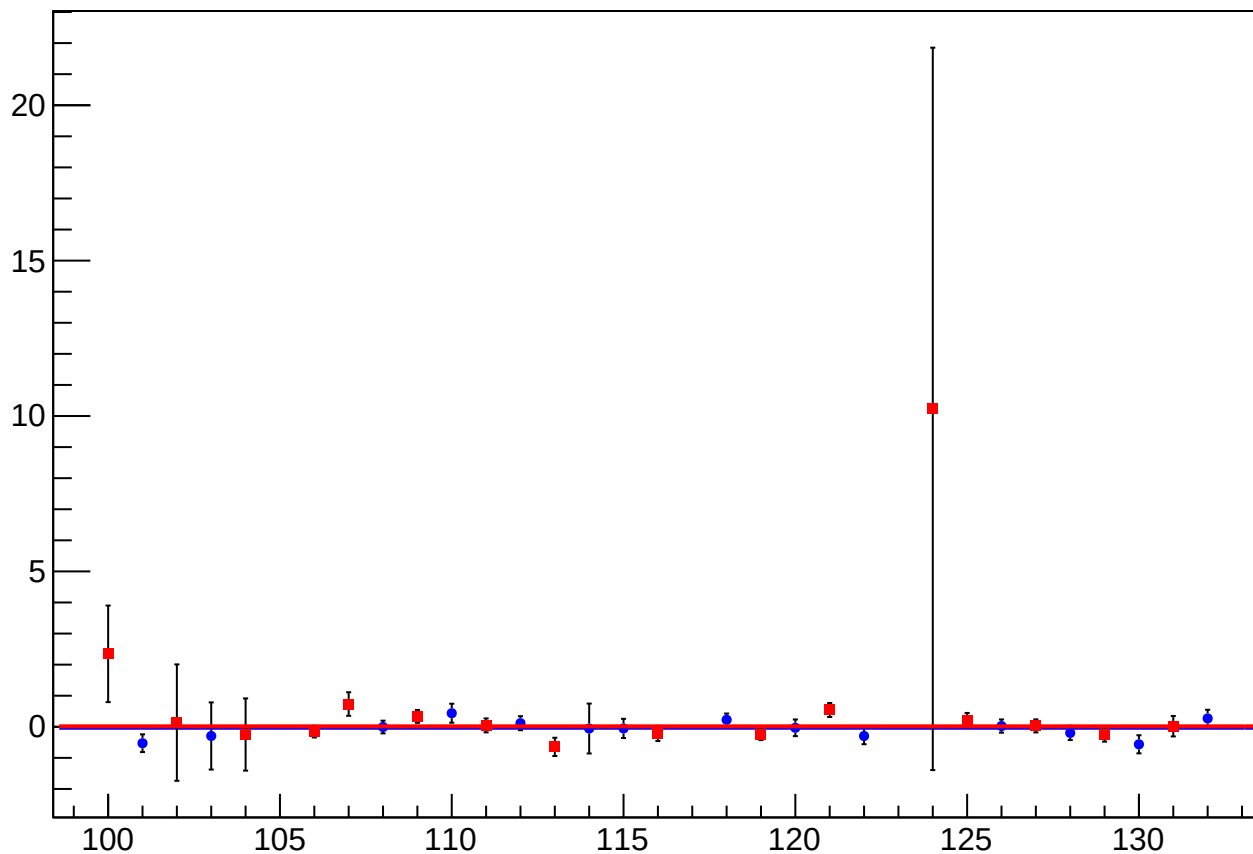
Right: 0.000+/-0.000 χ^2/NDF : 5012213.5/29

In: 0.000+/-0.000 χ^2/NDF : 2529149.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5012213.5/29

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031+/-0.071 χ^2/NDF : 13.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.067 χ^2/NDF : 25.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

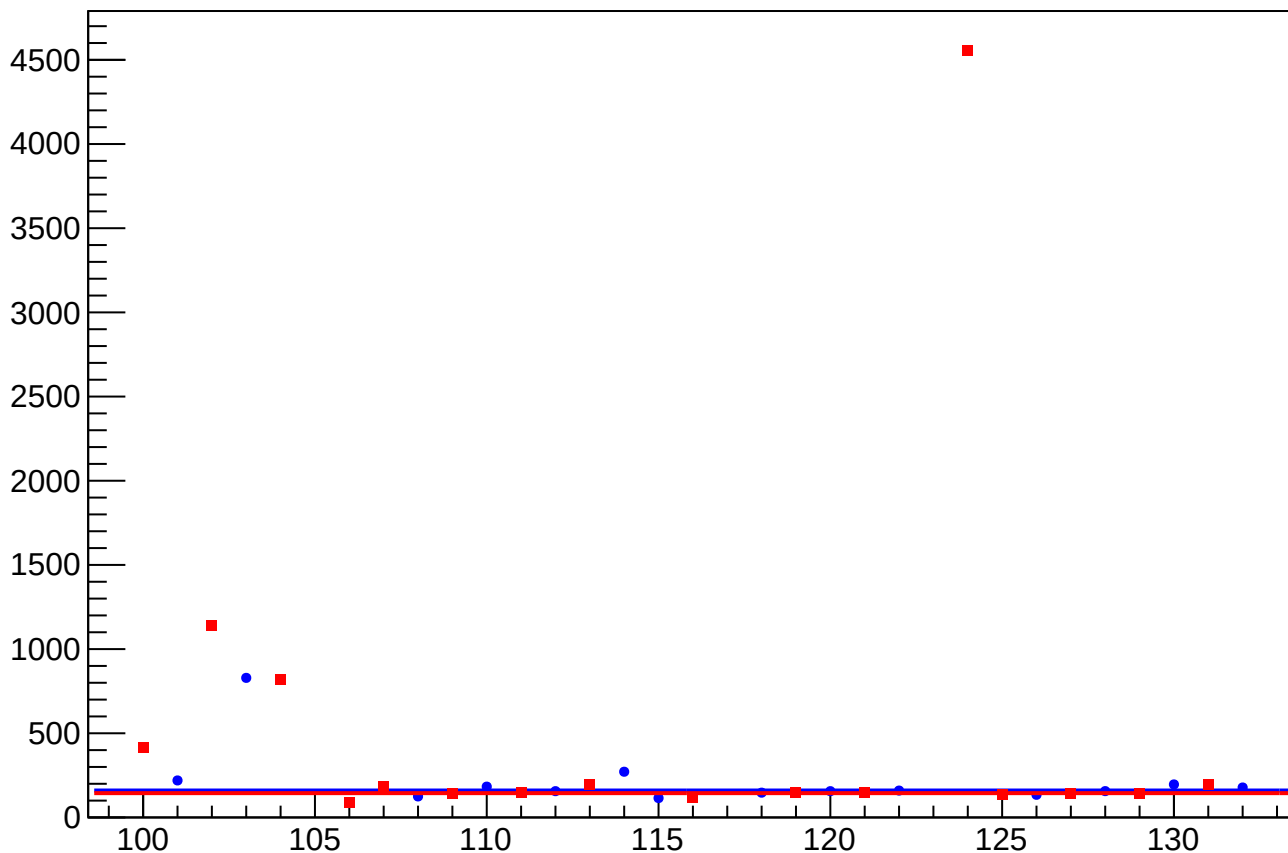
Right: -0.006+/-0.049 χ^2/NDF : 38.9/29

In: -0.031+/-0.071 χ^2/NDF : 13.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.049 χ^2/NDF : 38.9/29

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 160.038+/-0.050 χ^2/NDF : 1083022.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.391+/-0.047 χ^2/NDF : 1920972.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

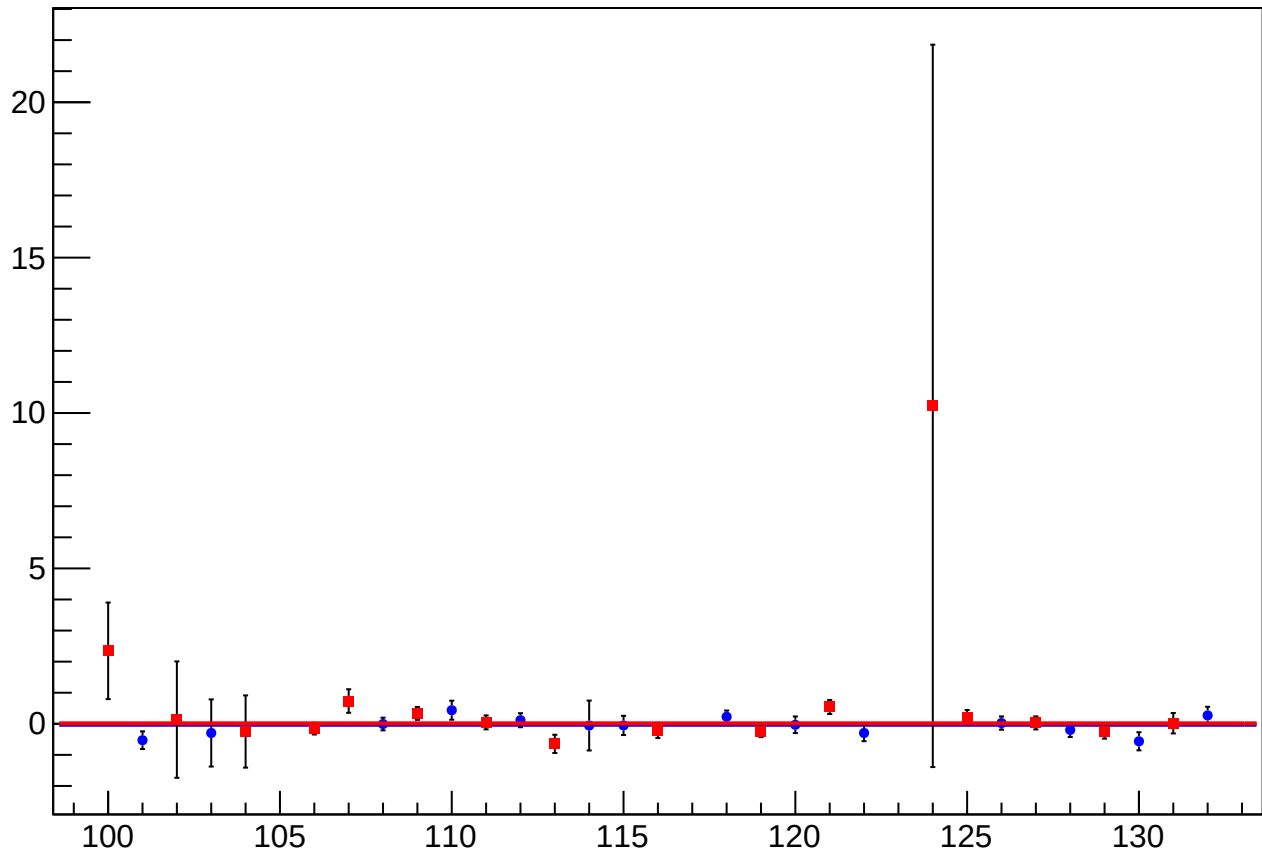
Right: 151.719+/-0.034 χ^2/NDF : 3055518.2/29

In: 160.038+/-0.050 χ^2/NDF : 1083022.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.719+/-0.034 χ^2/NDF : 3055518.2/29

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031+/-0.071 χ^2/NDF : 13.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.067 χ^2/NDF : 25.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

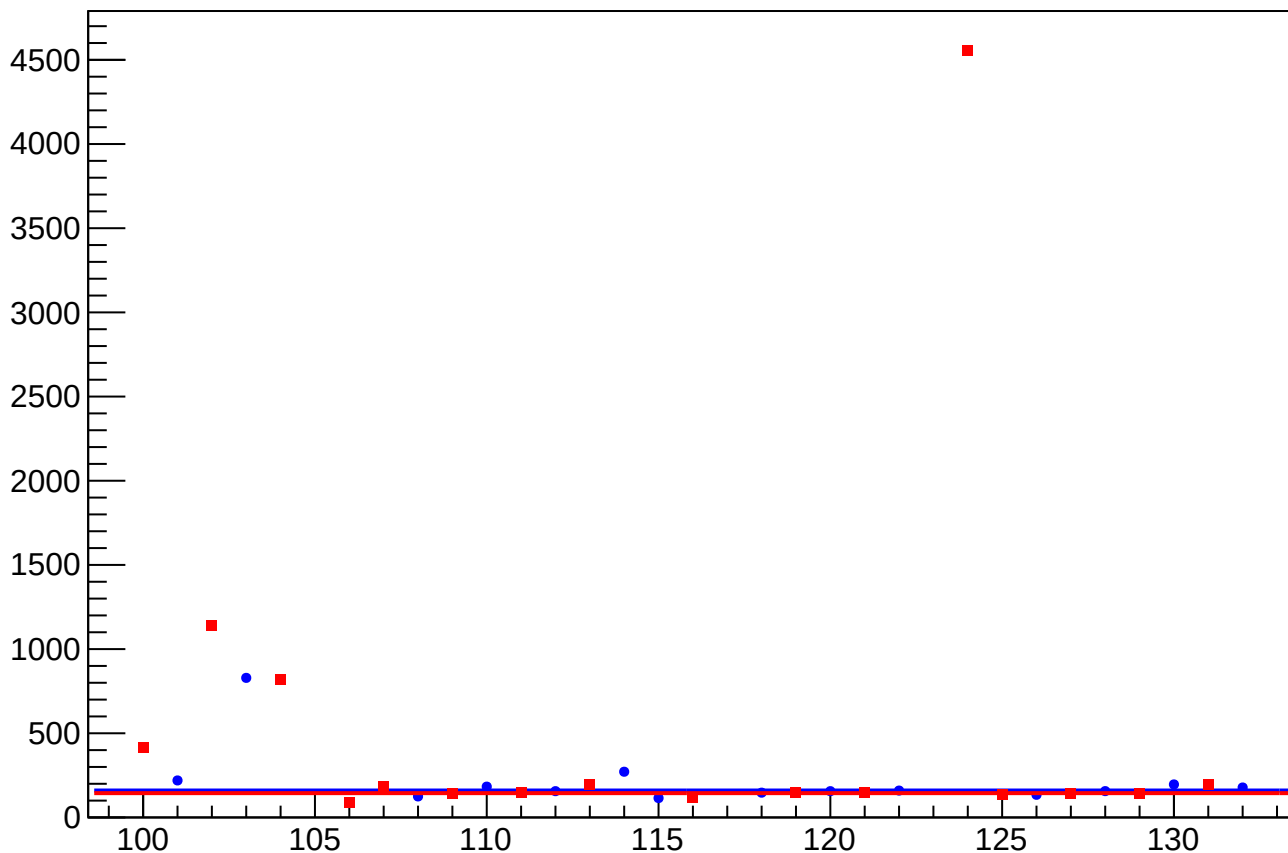
Right: -0.006+/-0.049 χ^2/NDF : 38.9/29

In: -0.031+/-0.071 χ^2/NDF : 13.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.049 χ^2/NDF : 38.9/29

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 160.038+/-0.050 χ^2/NDF : 1083022.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.391+/-0.047 χ^2/NDF : 1920972.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

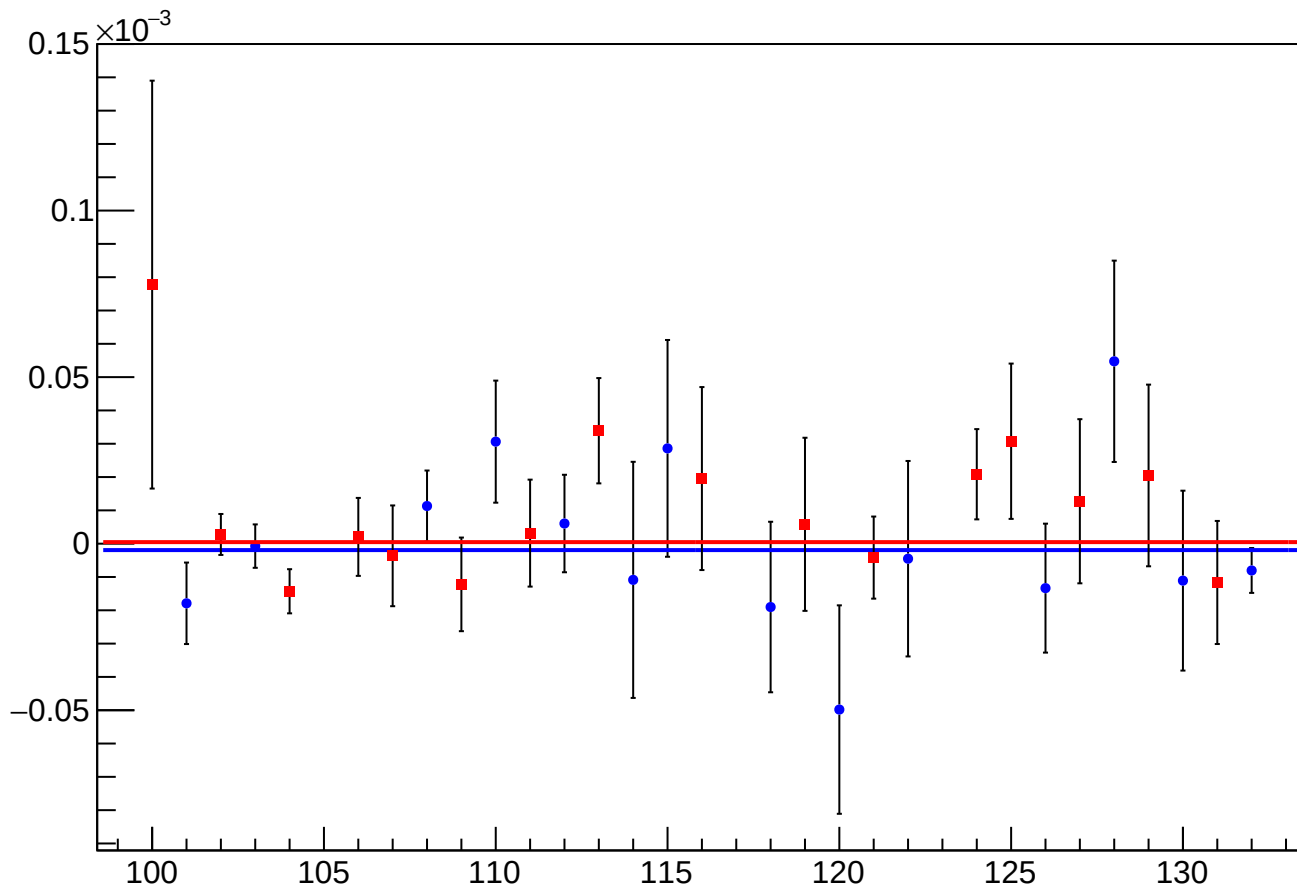
Right: 151.719+/-0.034 χ^2/NDF : 3055518.2/29

In: 160.038+/-0.050 χ^2/NDF : 1083022.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.719+/-0.034 χ^2/NDF : 3055518.2/29

asym_atl_avg_atr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

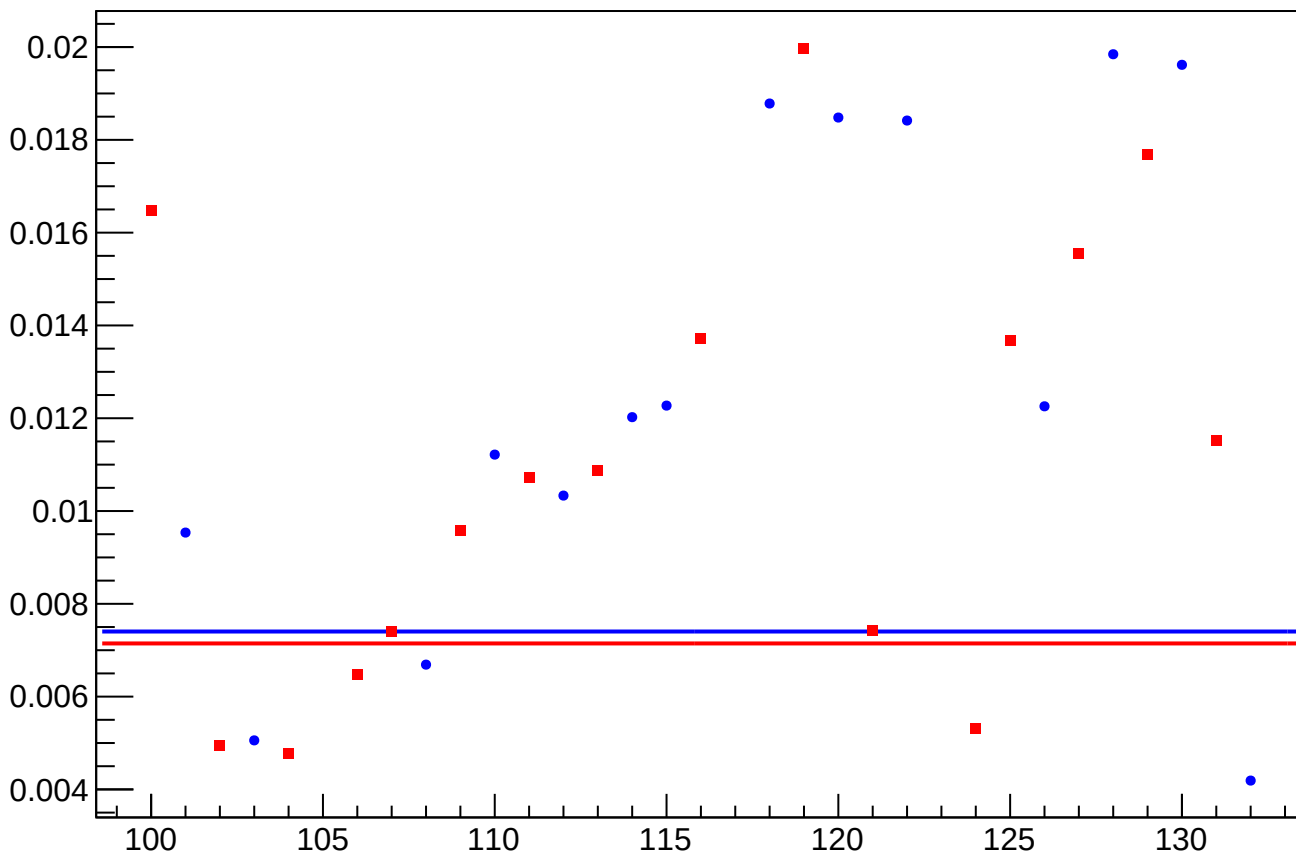
Right: -0.000+/-0.000 χ^2/NDF : 33.5/29

In: -0.000+/-0.000 χ^2/NDF : 15.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.5/29

asym_atl_avg_atr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 2831435.9/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 2277899.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

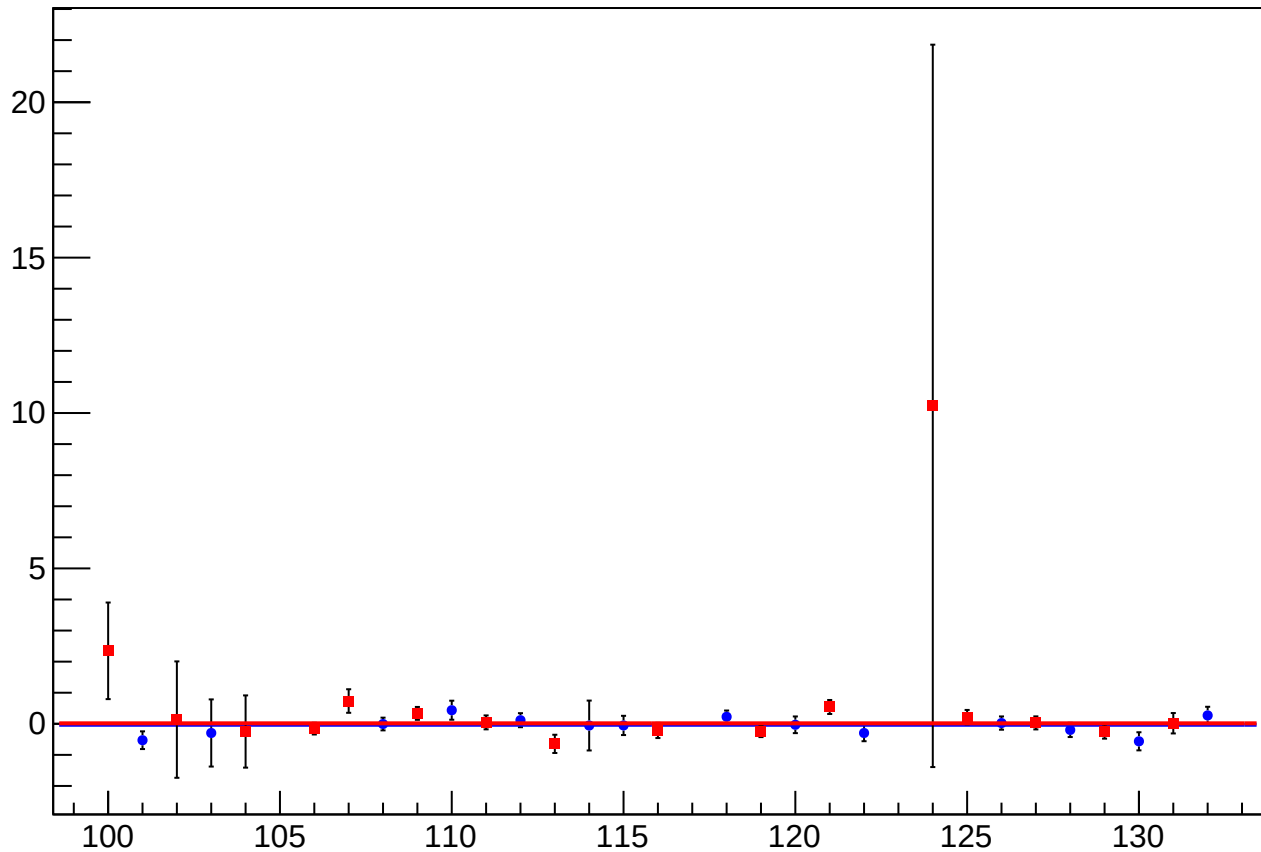
Right: 0.007+/-0.000 χ^2/NDF : 5115097.6/29

In: 0.007+/-0.000 χ^2/NDF :2831435.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 5115097.6/29

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031 ± 0.071 χ^2/NDF : 13.6/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.015 ± 0.067 χ^2/NDF : 25.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

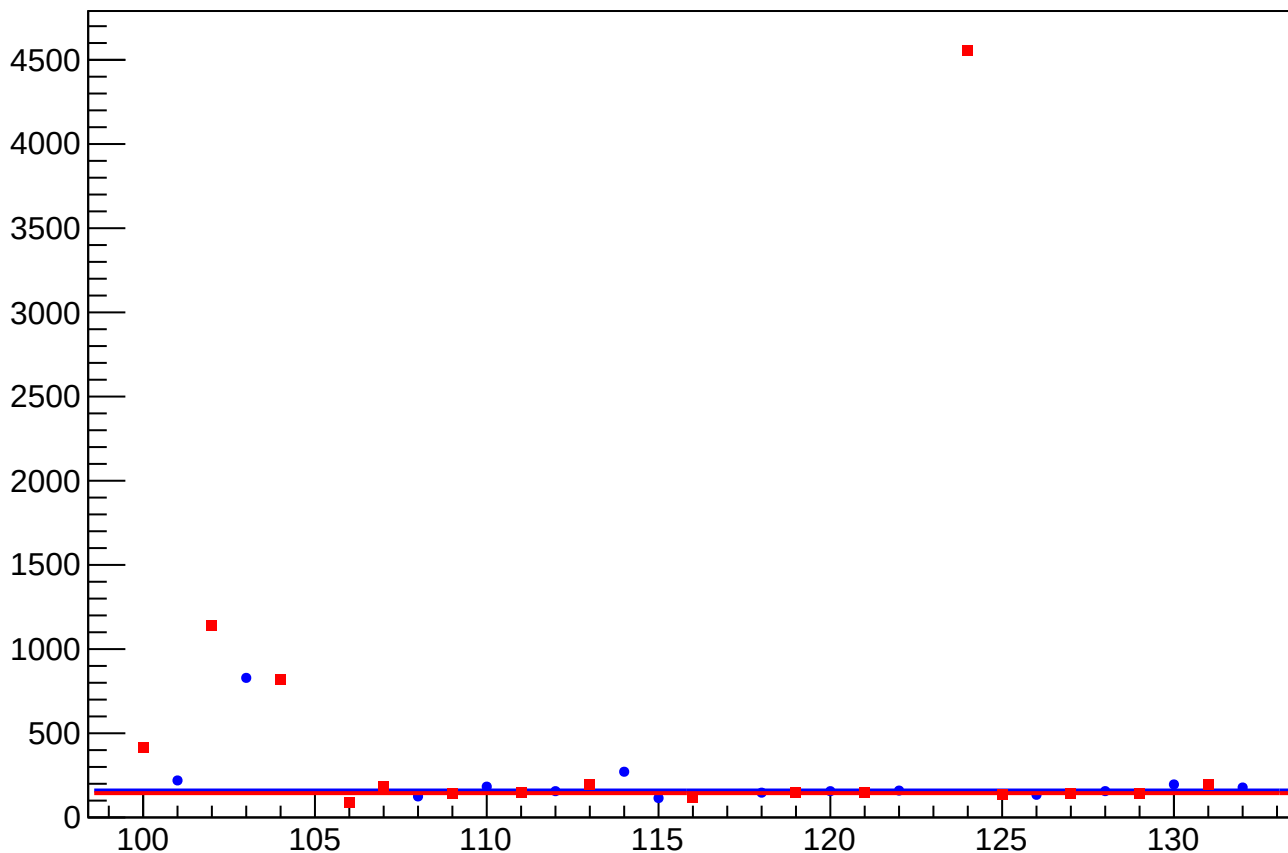
Right: -0.006 ± 0.049 χ^2/NDF : 38.9/29

In: -0.031 ± 0.071 χ^2/NDF : 13.6/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.006 ± 0.049 χ^2/NDF : 38.9/29

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 160.037+/-0.050 χ^2/NDF : 1082999.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.390+/-0.047 χ^2/NDF : 1920974.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

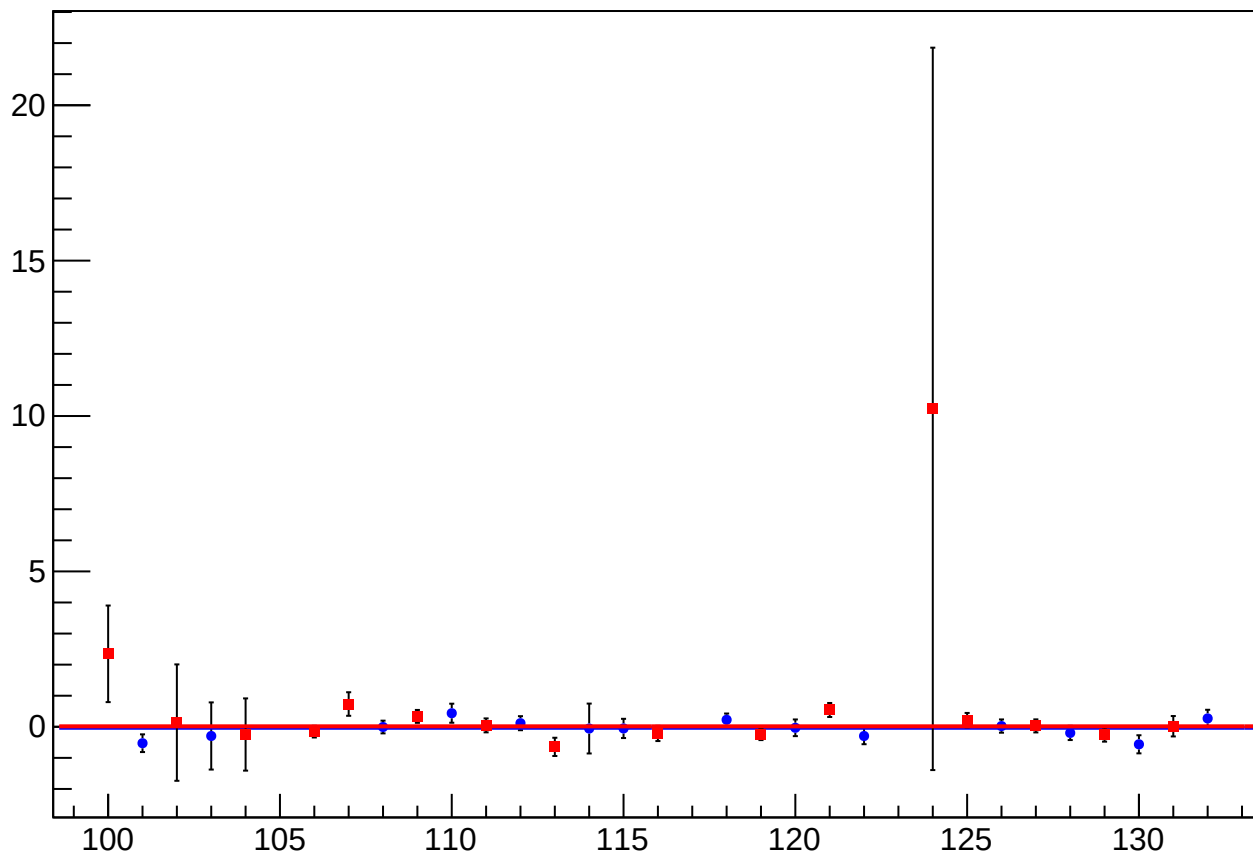
Right: 151.718+/-0.034 χ^2/NDF : 3055500.2/29

In: 160.037+/-0.050 χ^2/NDF : 1082999.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.718+/-0.034 χ^2/NDF : 3055500.2/29

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031 ± 0.071 χ^2/NDF : 13.6/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.015 ± 0.067 χ^2/NDF : 25.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

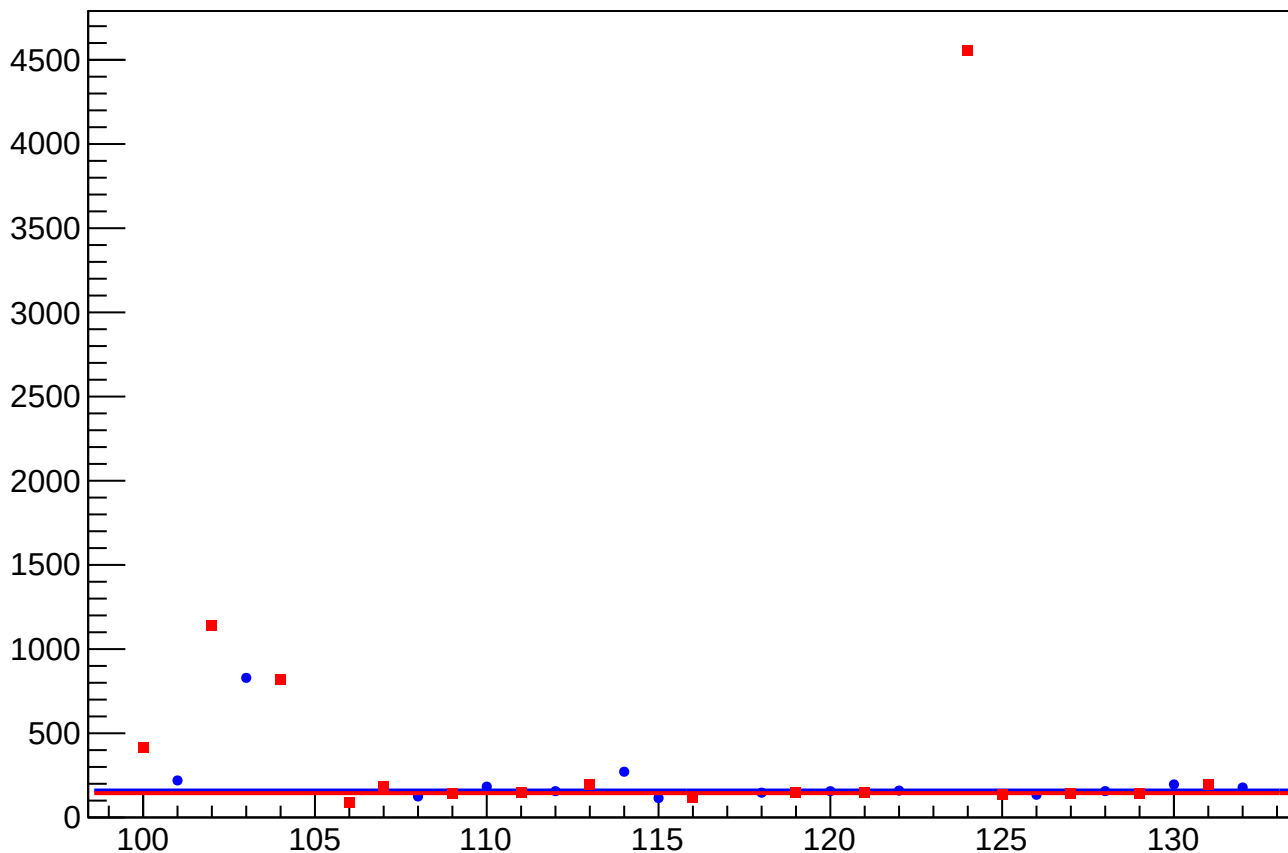
Right: -0.006 ± 0.049 χ^2/NDF : 38.9/29

In: -0.031 ± 0.071 χ^2/NDF : 13.6/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.006 ± 0.049 χ^2/NDF : 38.9/29

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 160.037+/-0.050 χ^2/NDF : 1082999.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.390+/-0.047 χ^2/NDF : 1920974.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

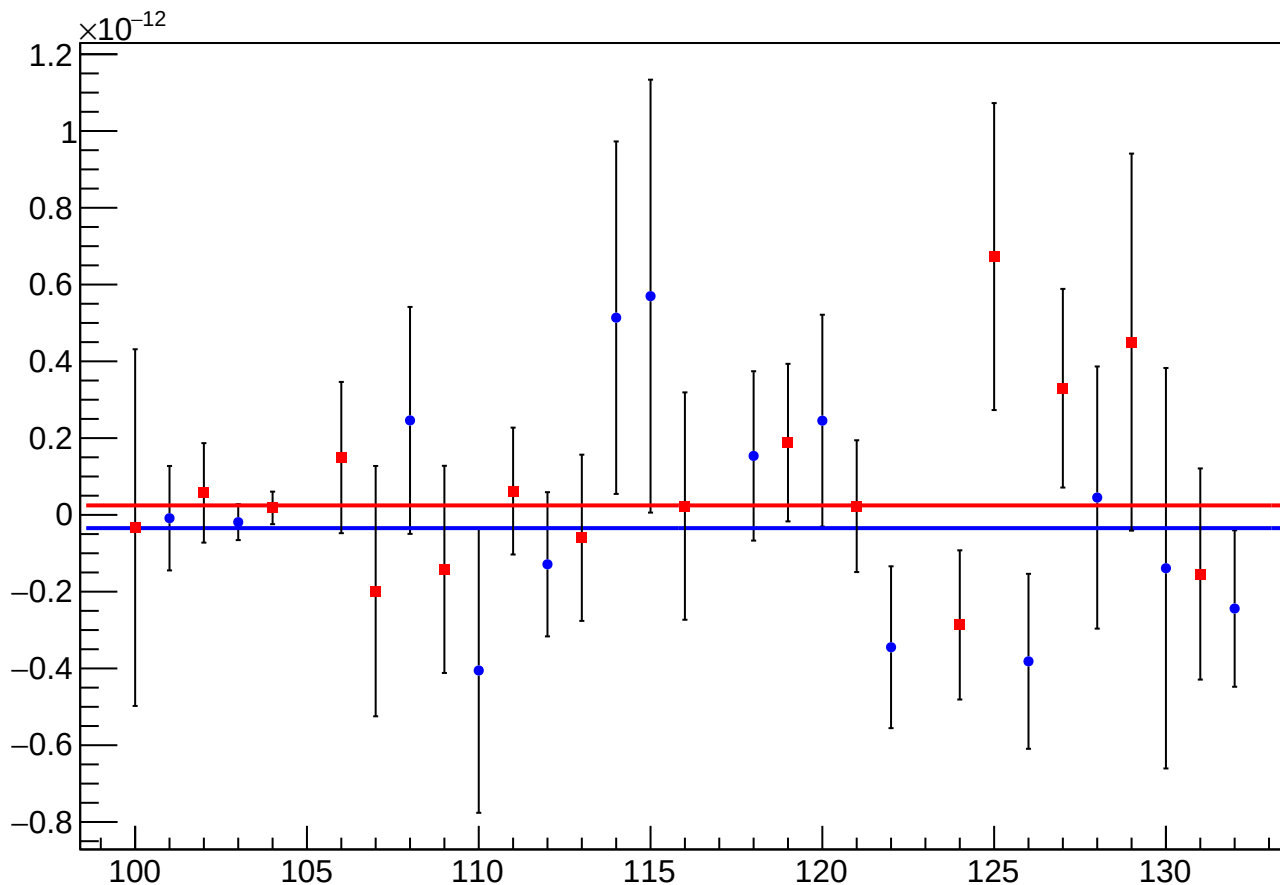
Right: 151.718+/-0.034 χ^2/NDF : 3055500.2/29

In: 160.037+/-0.050 χ^2/NDF : 1082999.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.718+/-0.034 χ^2/NDF : 3055500.2/29

asym_atl_avg_atr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

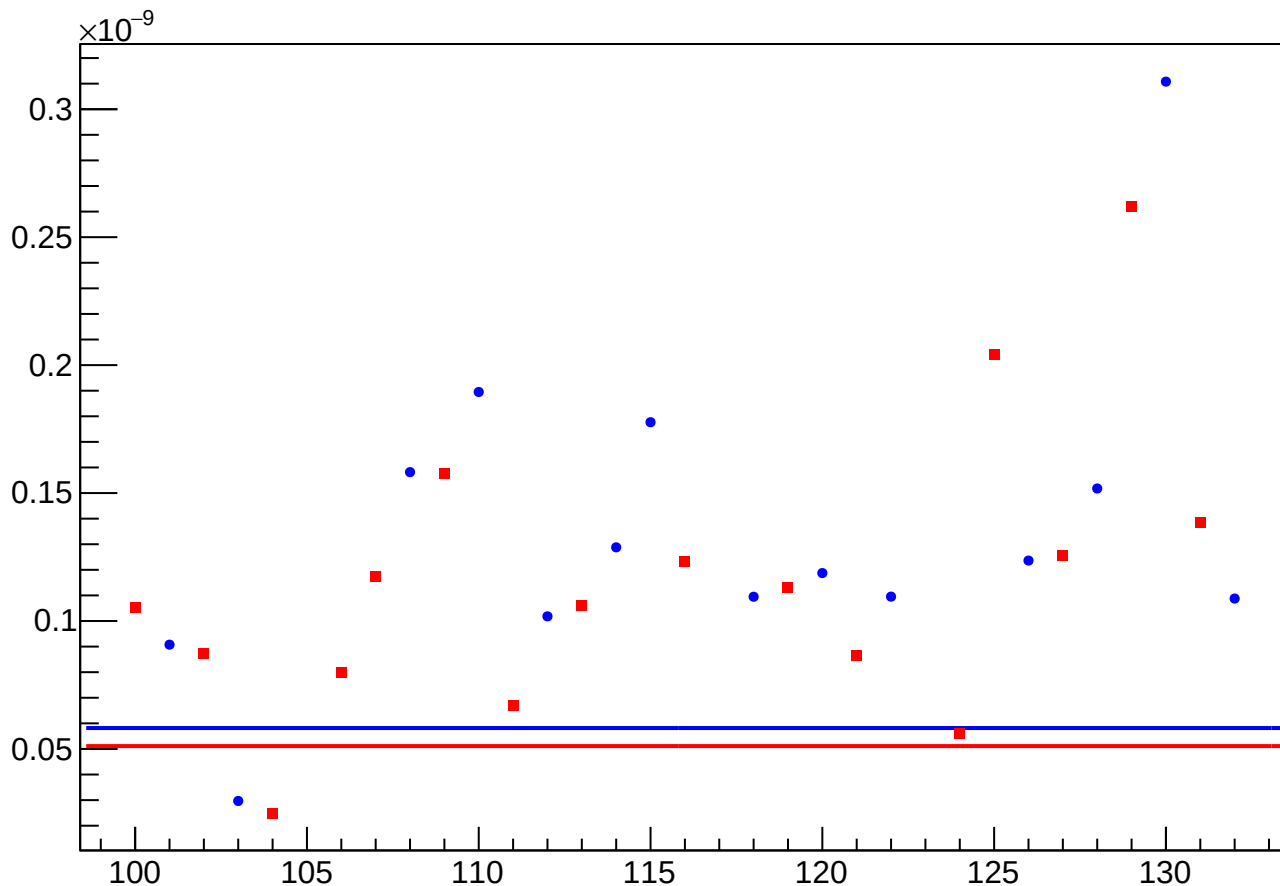
Right: -0.000+/-0.000 χ^2/NDF : 23.5/29

In: -0.000+/-0.000 χ^2/NDF : 12.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.5/29

asym_atl_avg_atr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2813035.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2962359.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

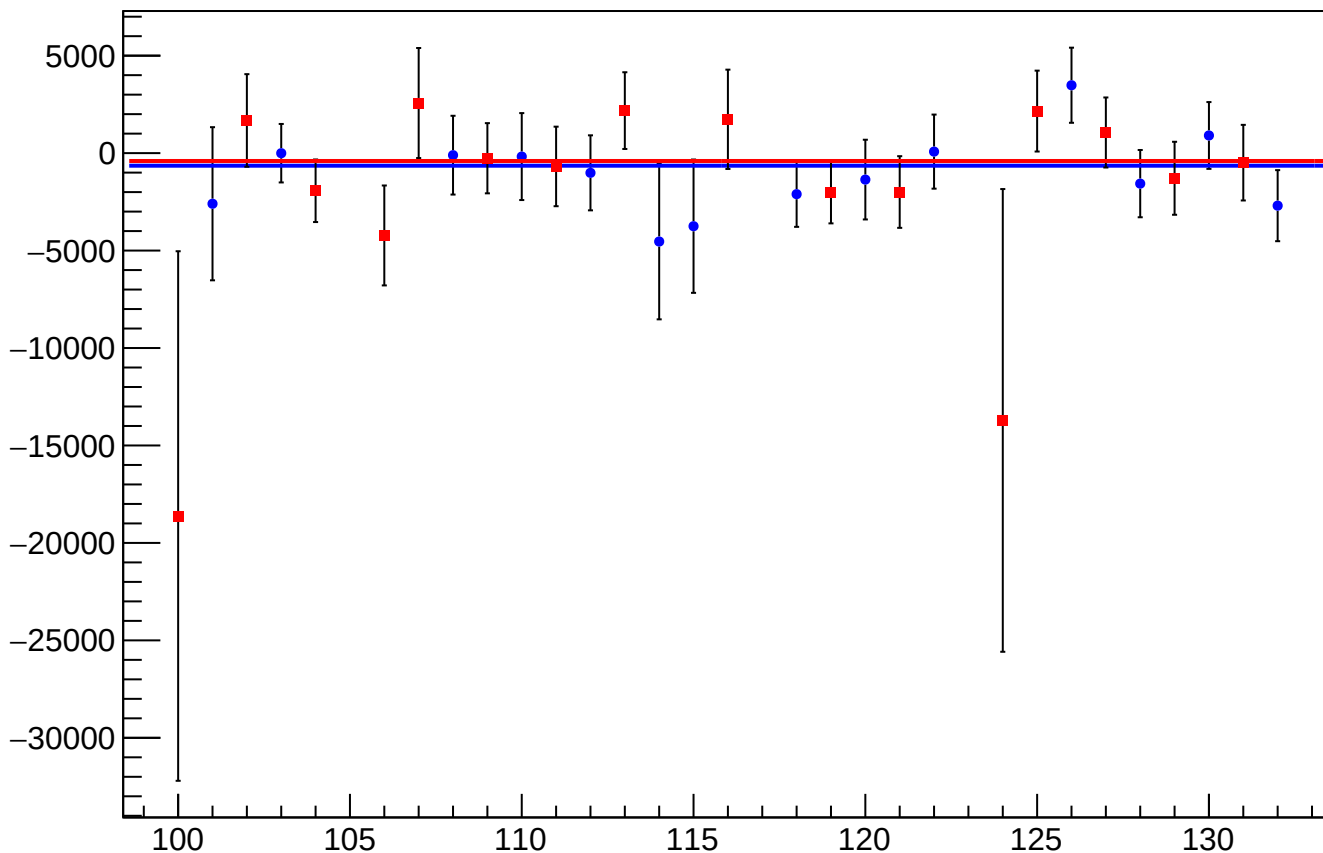
Right: 0.000+/-0.000 χ^2/NDF : 5813113.4/29

In: 0.000+/-0.000 χ^2/NDF : 2813035.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5813113.4/29

reg_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -644.864+/-535.267 χ^2/NDF : 10.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -403.382+/-526.730 χ^2/NDF : 14.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

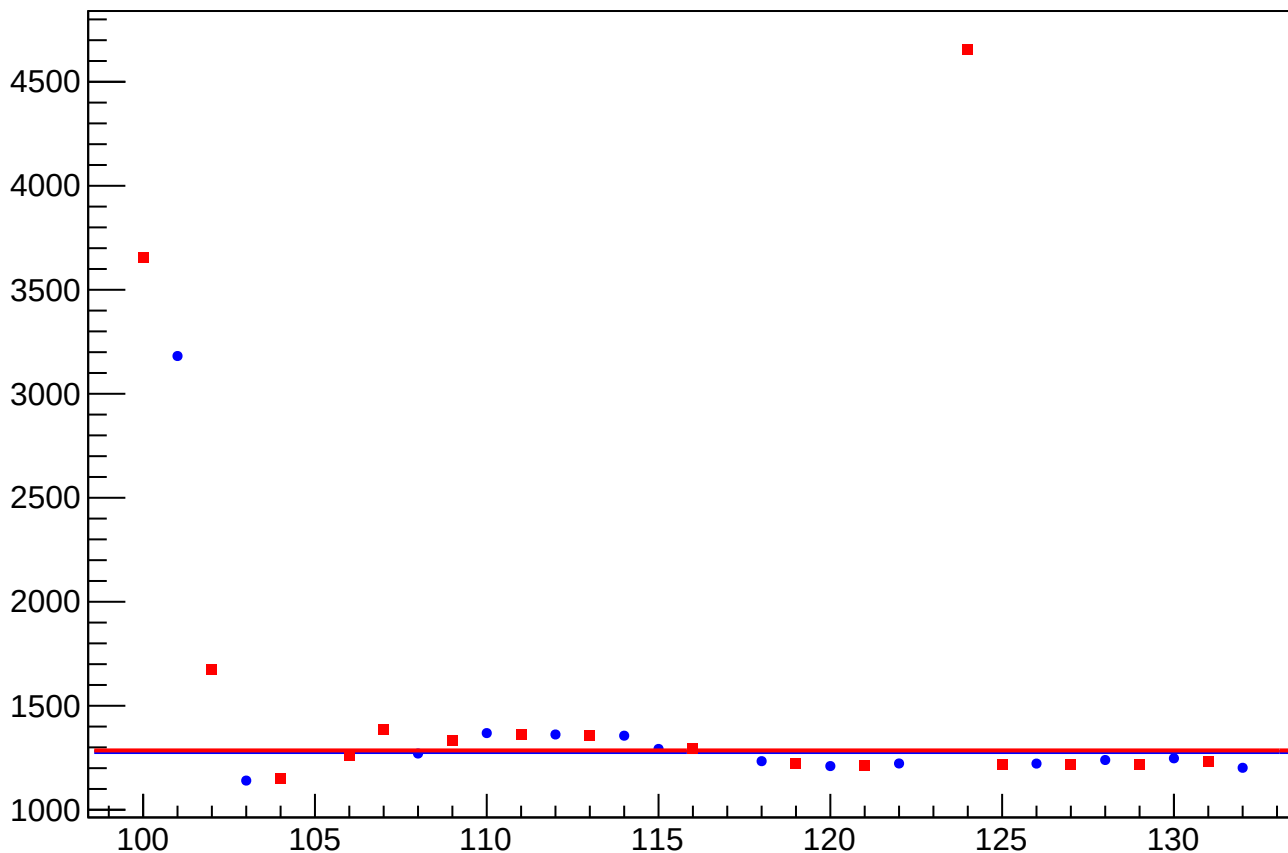
Right: -522.182+/-375.436 χ^2/NDF : 25.2/29

In: -644.864+/-535.267 χ^2/NDF : 10.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -522.182+/-375.436 χ^2/NDF : 25.2/29

reg_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1277.598+/-0.378 χ^2/NDF : 506454.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1285.314+/-0.372 χ^2/NDF : 315906.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

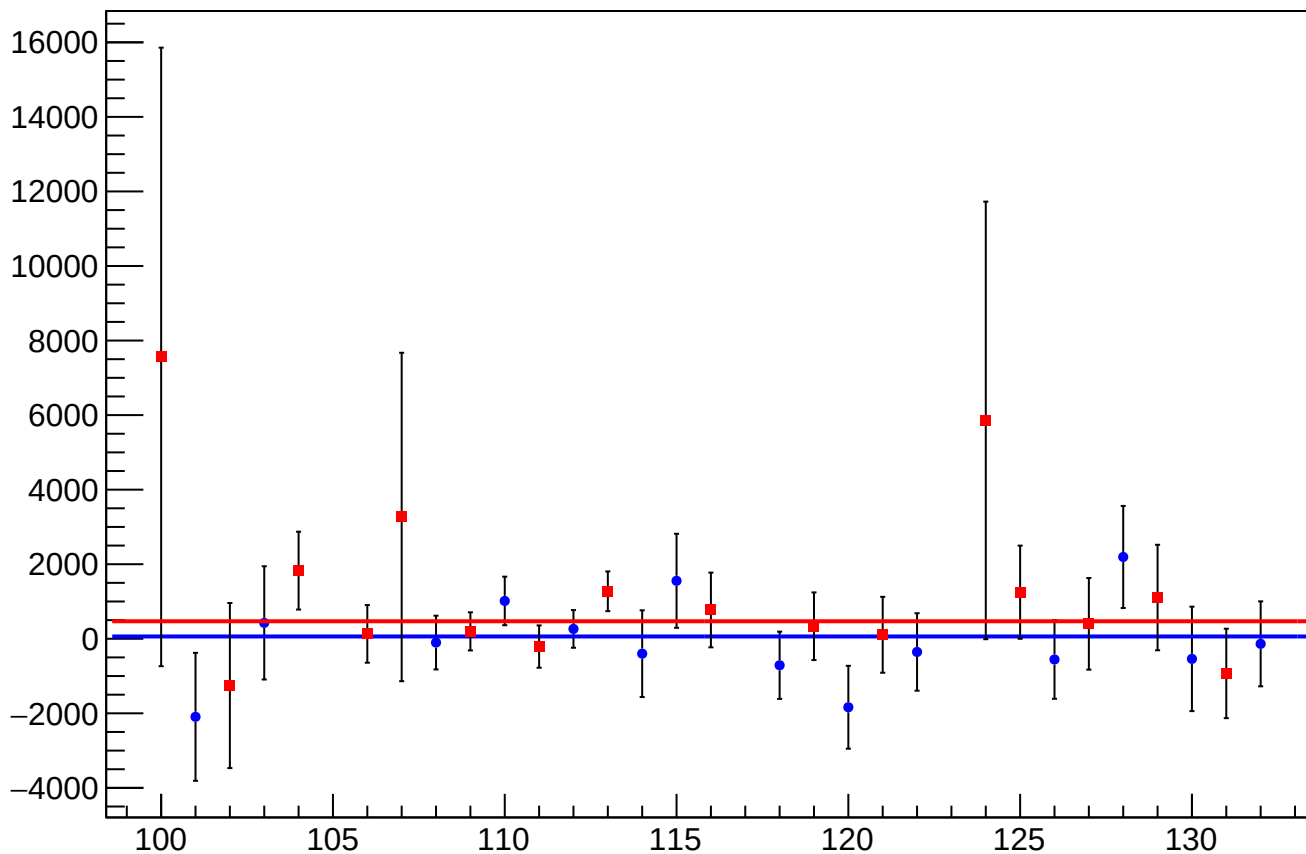
Right: 1281.518+/-0.265 χ^2/NDF : 822571.7/29

In: 1277.598+/-0.378 χ^2/NDF :506454.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1281.518+/-0.265 χ^2/NDF : 822571.7/29

asym_atl_avg_atr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 61.823+/-249.878 χ^2/NDF : 12.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 469.896+/-229.301 χ^2/NDF : 10.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

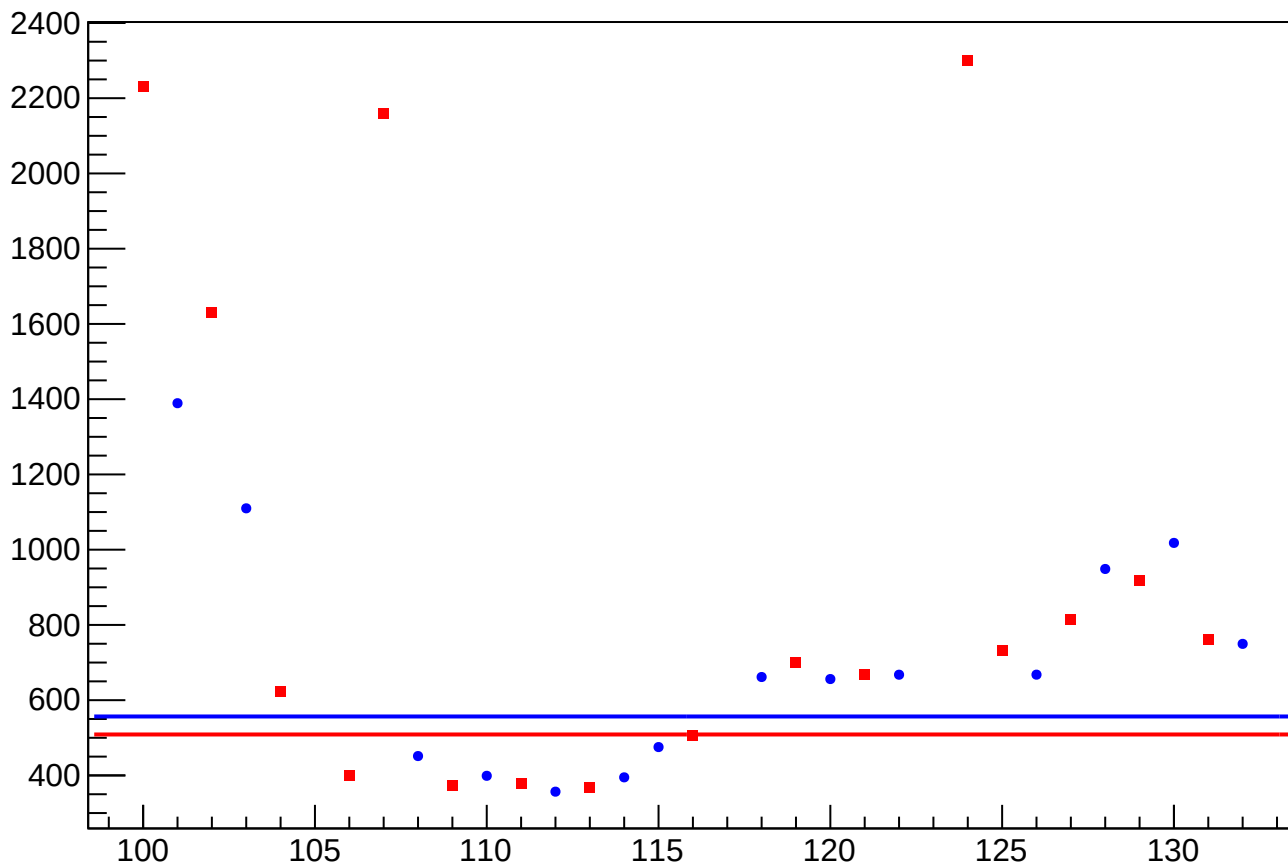
Right: 283.350+/-168.947 χ^2/NDF : 24.4/29

In: 61.823+/-249.878 χ^2/NDF : 12.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 283.350+/-168.947 χ^2/NDF : 24.4/29

asym_atl_avg_atr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 556.674+/-0.177 χ^2/NDF : 1781967.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 508.830+/-0.162 χ^2/NDF : 2097413.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

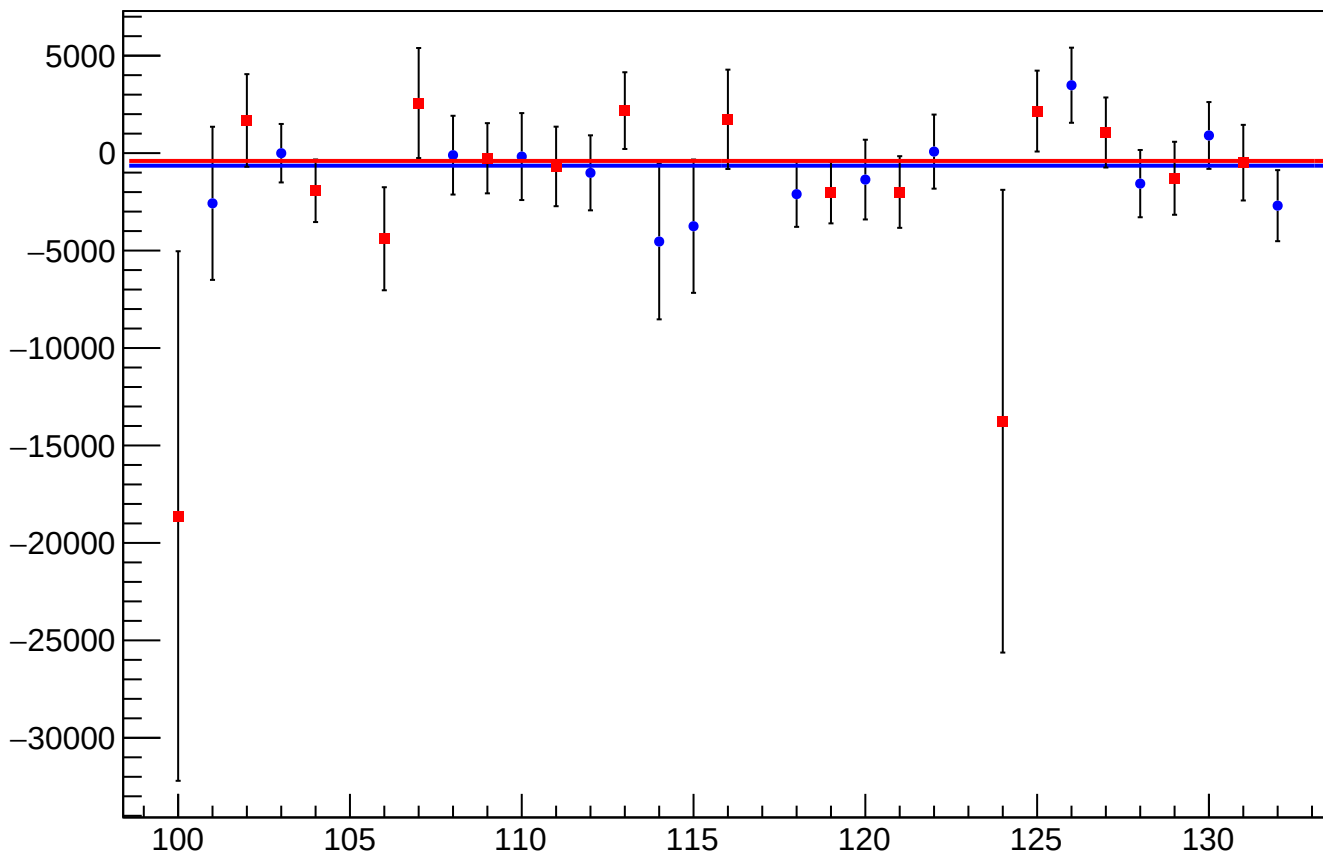
Right: 530.701+/-0.119 χ^2/NDF : 3919182.9/29

In: 556.674+/-0.177 χ^2/NDF : 1781967.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 530.701+/-0.119 χ^2/NDF : 3919182.9/29

cor_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -644.346+/-535.267 χ^2/NDF : 10.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -400.583+/-527.397 χ^2/NDF : 14.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

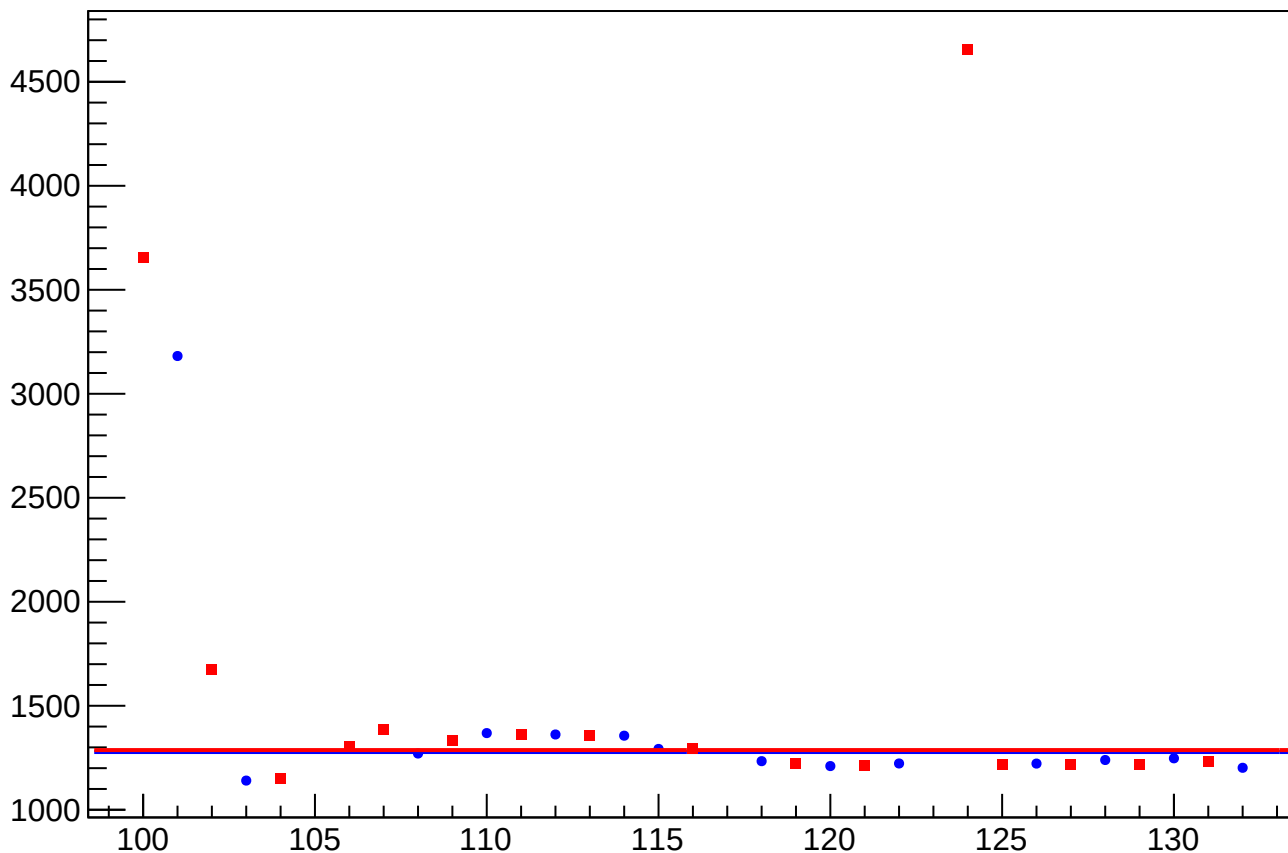
Right: -520.659+/-375.678 χ^2/NDF : 25.2/29

In: -644.346+/-535.267 χ^2/NDF : 10.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -520.659+/-375.678 χ^2/NDF : 25.2/29

cor_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1277.598 $\pm$ 0.378 χ^2 /NDF: 506455.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1286.993 $\pm$ 0.373 χ^2 /NDF: 315834.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

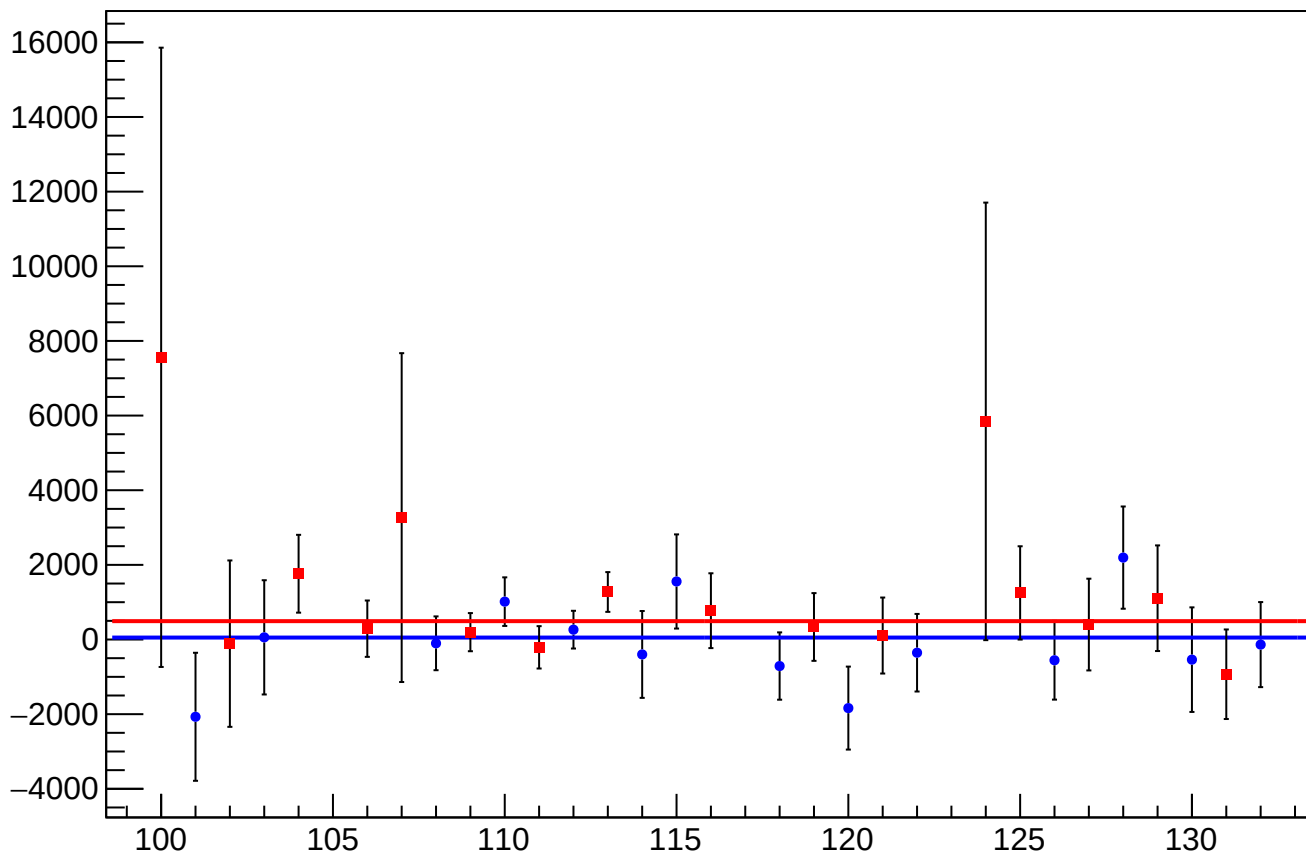
Right: 1282.365 $\pm$ 0.266 χ^2 /NDF: 822602.7/29

In: 1277.598 $\pm$ 0.378 χ^2 /NDF:506455.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1282.365 $\pm$ 0.266 χ^2 /NDF: 822602.7/29

asym_atl_avg_atr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 52.371+/-249.925 χ^2/NDF : 12.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 492.197+/-228.807 χ^2/NDF : 9.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

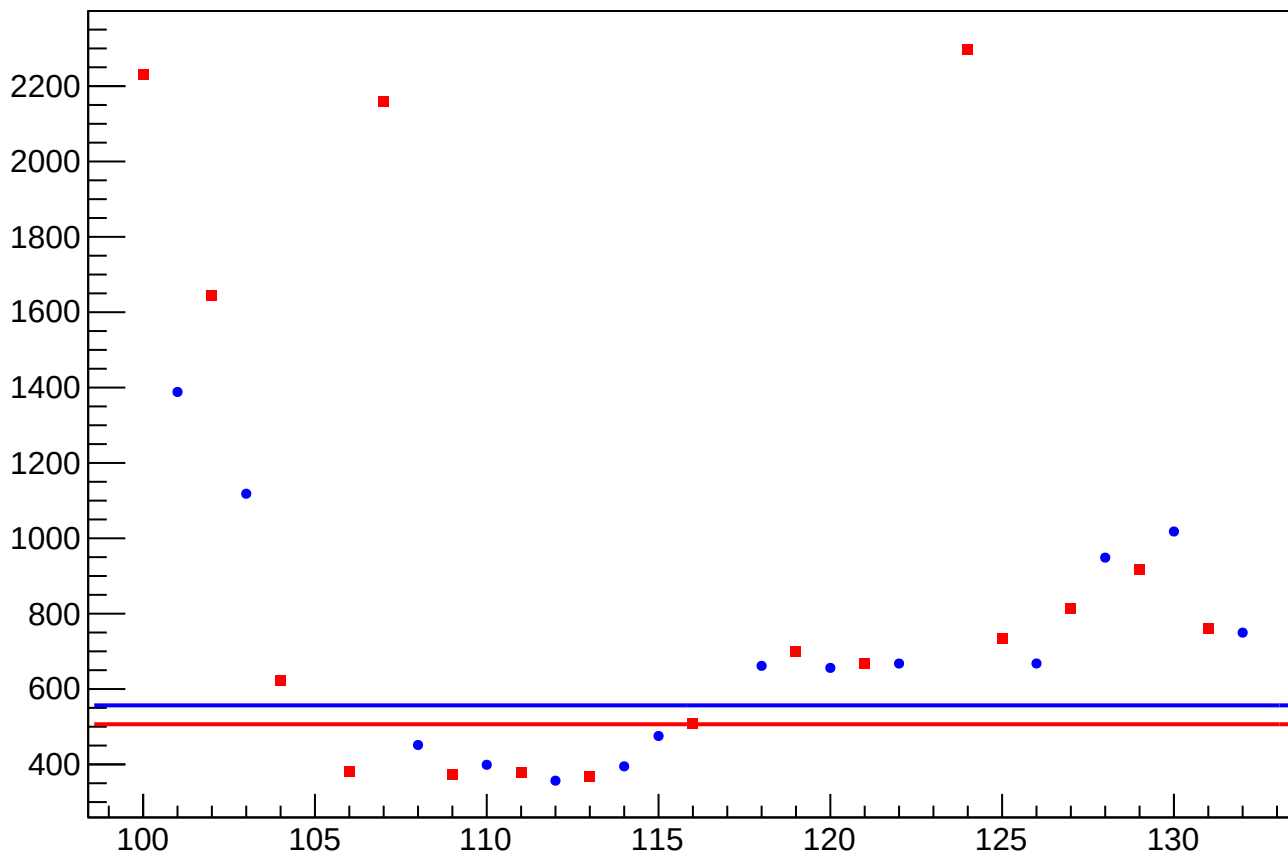
Right: 291.648+/-168.764 χ^2/NDF : 23.8/29

In: 52.371+/-249.925 χ^2/NDF : 12.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 291.648+/-168.764 χ^2/NDF : 23.8/29

asym_atl_avg_atr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 556.685+/-0.177 χ^2/NDF : 1785638.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 506.563+/-0.162 χ^2/NDF : 2122068.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

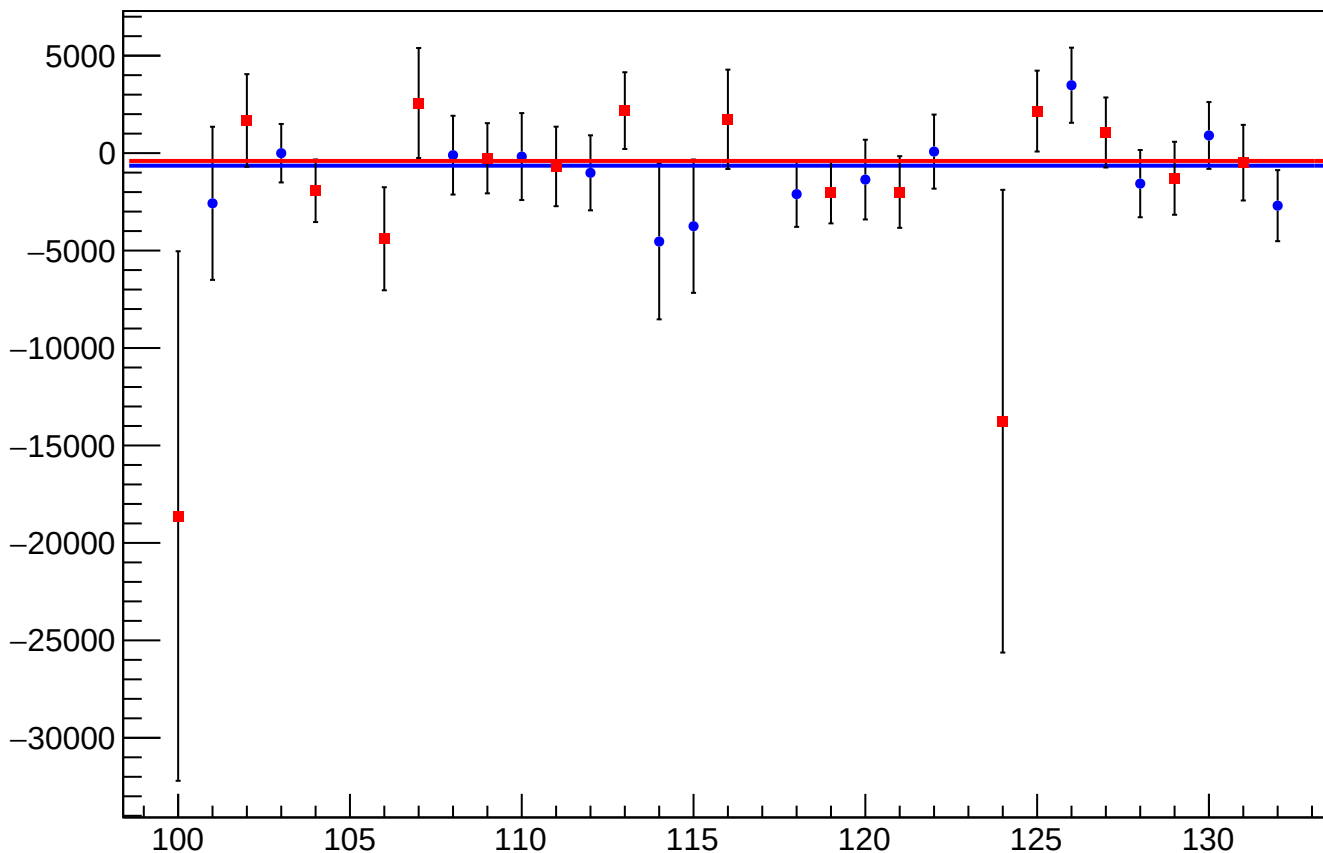
Right: 529.417+/-0.119 χ^2/NDF : 3951467.0/29

In: 556.685+/-0.177 χ^2/NDF : 1785638.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 529.417+/-0.119 χ^2/NDF : 3951467.0/29

eigen_cor_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -644.346+/-535.267 χ^2/NDF : 10.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -400.583+/-527.397 χ^2/NDF : 14.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

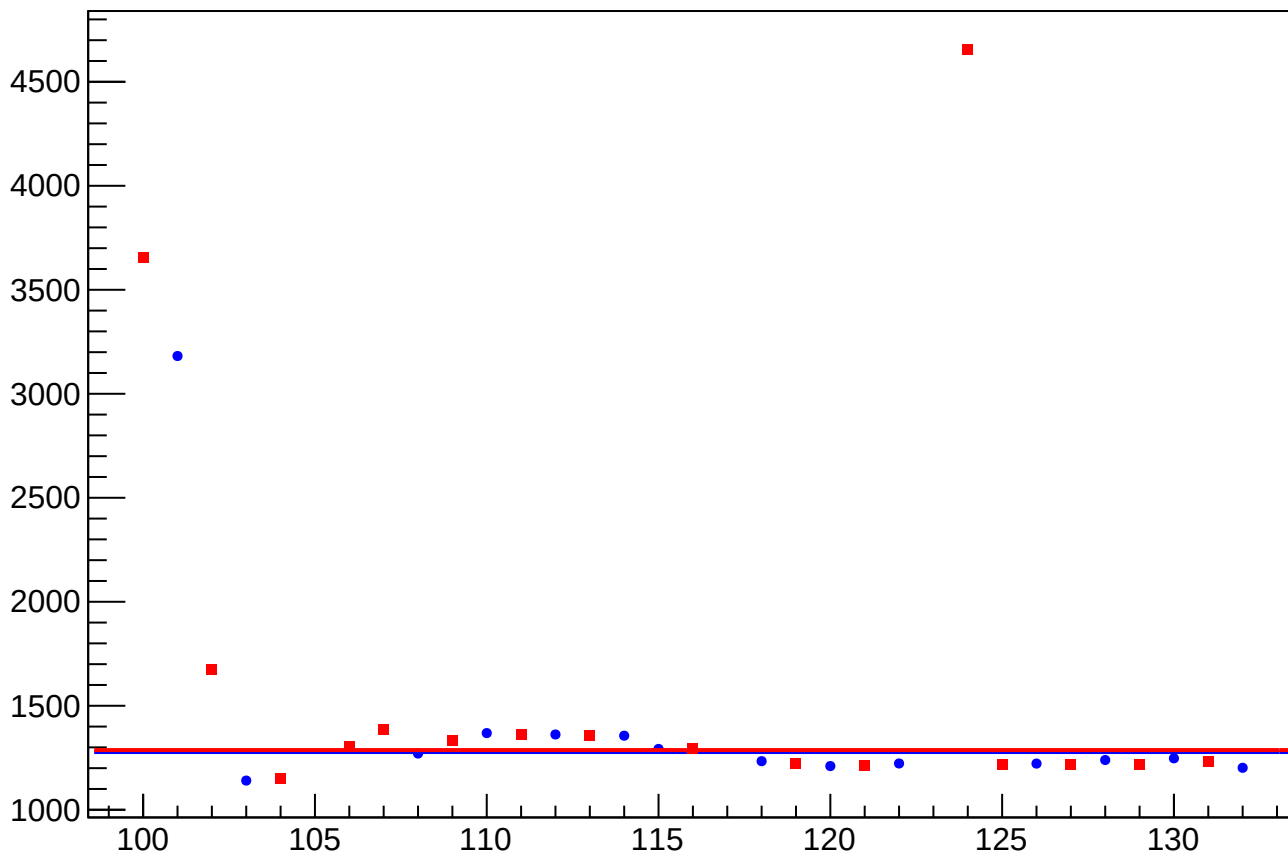
Right: -520.659+/-375.678 χ^2/NDF : 25.2/29

In: -644.346+/-535.267 χ^2/NDF : 10.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -520.659+/-375.678 χ^2/NDF : 25.2/29

eigen_cor_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1277.598 $\pm$ 0.378 χ^2 /NDF: 506455.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1286.993 $\pm$ 0.373 χ^2 /NDF: 315834.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

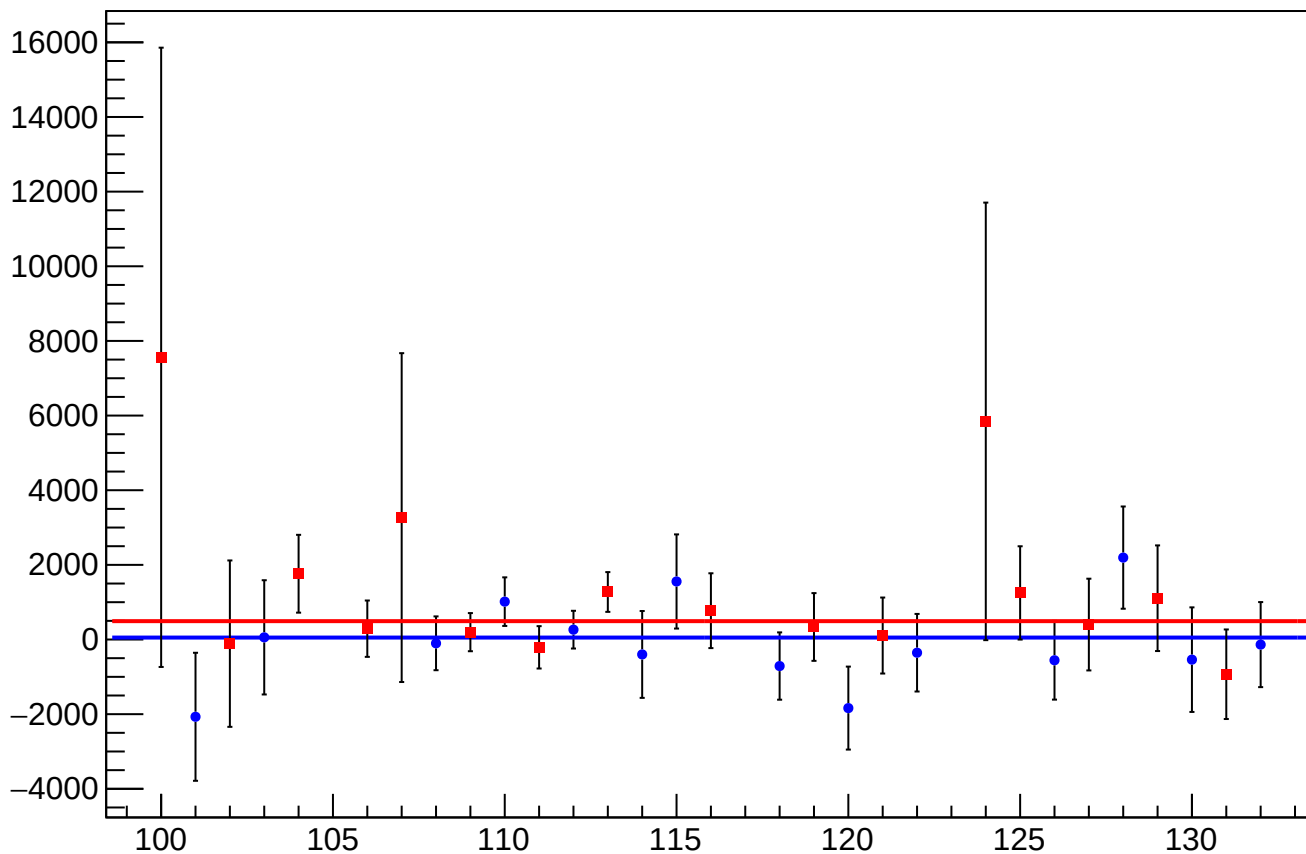
Right: 1282.365 $\pm$ 0.266 χ^2 /NDF: 822602.7/29

In: 1277.598 $\pm$ 0.378 χ^2 /NDF:506455.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1282.365 $\pm$ 0.266 χ^2 /NDF: 822602.7/29

asym_atl_avg_atr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 52.371+/-249.925 χ^2/NDF : 12.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 492.197+/-228.807 χ^2/NDF : 9.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

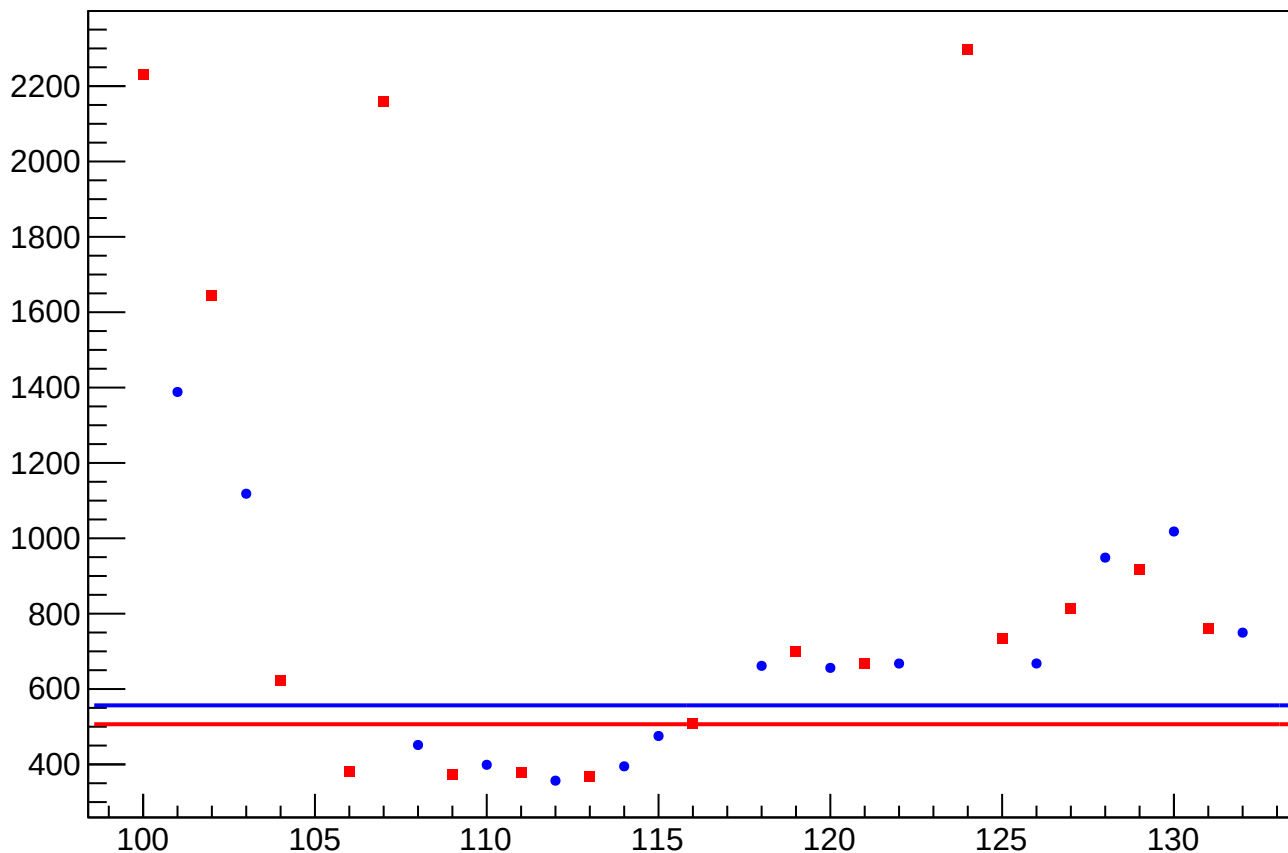
Right: 291.648+/-168.764 χ^2/NDF : 23.8/29

In: 52.371+/-249.925 χ^2/NDF : 12.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 291.648+/-168.764 χ^2/NDF : 23.8/29

asym_atl_avg_atr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 556.685+/-0.177 χ^2/NDF : 1785638.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 506.563+/-0.162 χ^2/NDF : 2122068.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

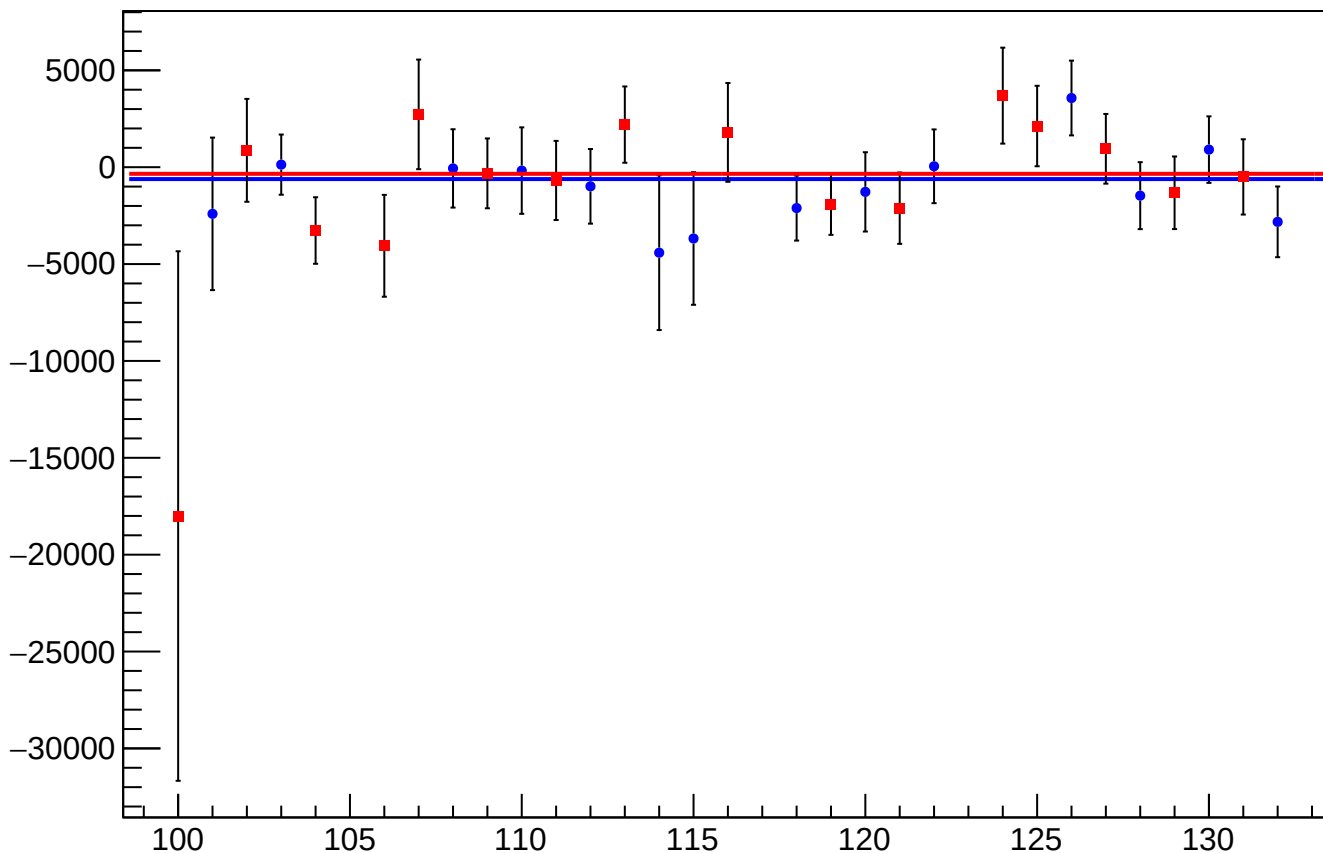
Right: 529.417+/-0.119 χ^2/NDF : 3951467.0/29

In: 556.685+/-0.177 χ^2/NDF : 1785638.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 529.417+/-0.119 χ^2/NDF : 3951467.0/29

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -613.239+/-538.023 χ^2/NDF : 10.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -341.558+/-522.512 χ^2/NDF : 17.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

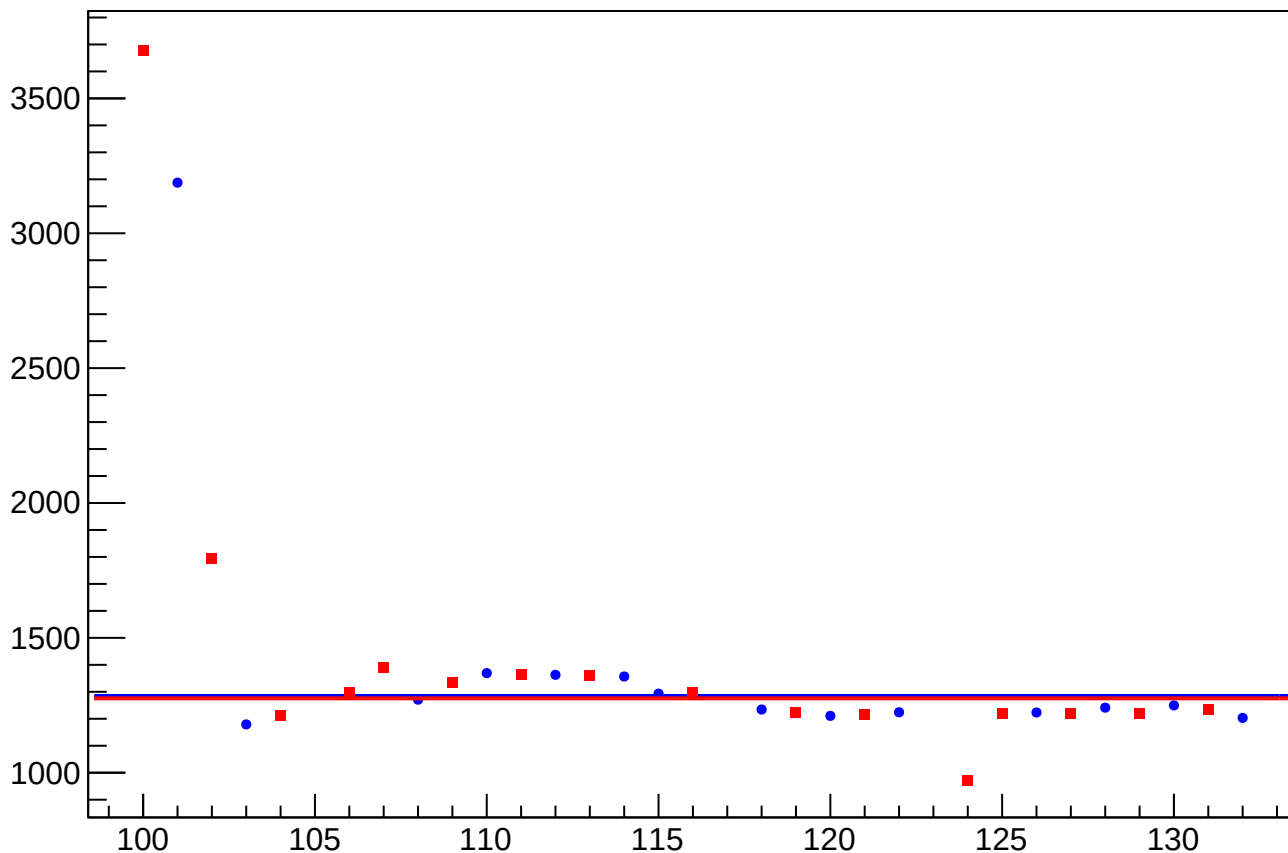
Right: -473.426+/-374.835 χ^2/NDF : 27.8/29

In: -613.239+/-538.023 χ^2/NDF : 10.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -473.426+/-374.835 χ^2/NDF : 27.8/29

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1284.479+/-0.380 χ^2/NDF : 498185.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1275.788+/-0.369 χ^2/NDF : 194548.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

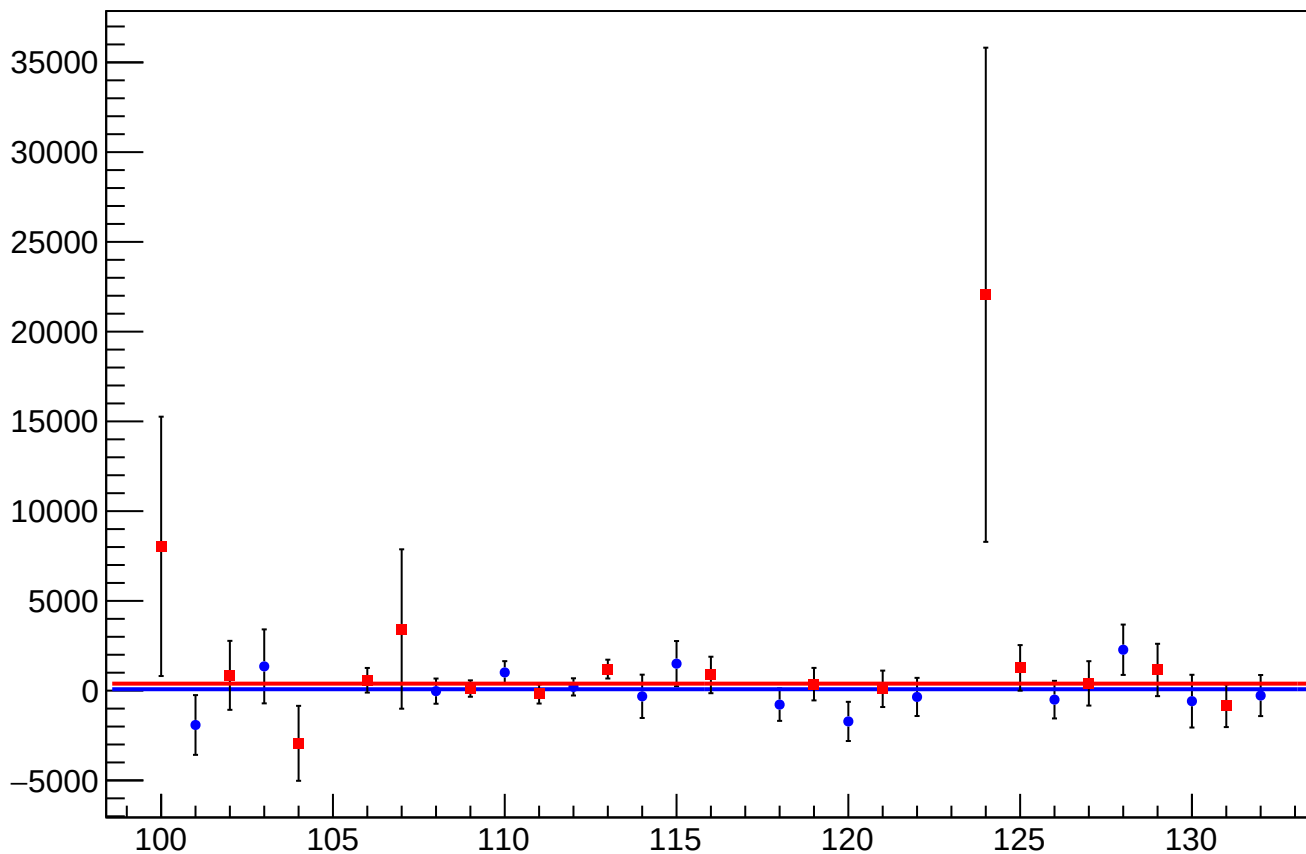
Right: 1280.006+/-0.265 χ^2/NDF : 693002.2/29

In: 1284.479+/-0.380 χ^2/NDF : 498185.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1280.006+/-0.265 χ^2/NDF : 693002.2/29

asym_atl_avg_atr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 78.601+/-246.871 χ^2/NDF : 12.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 389.926+/-222.217 χ^2/NDF : 12.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

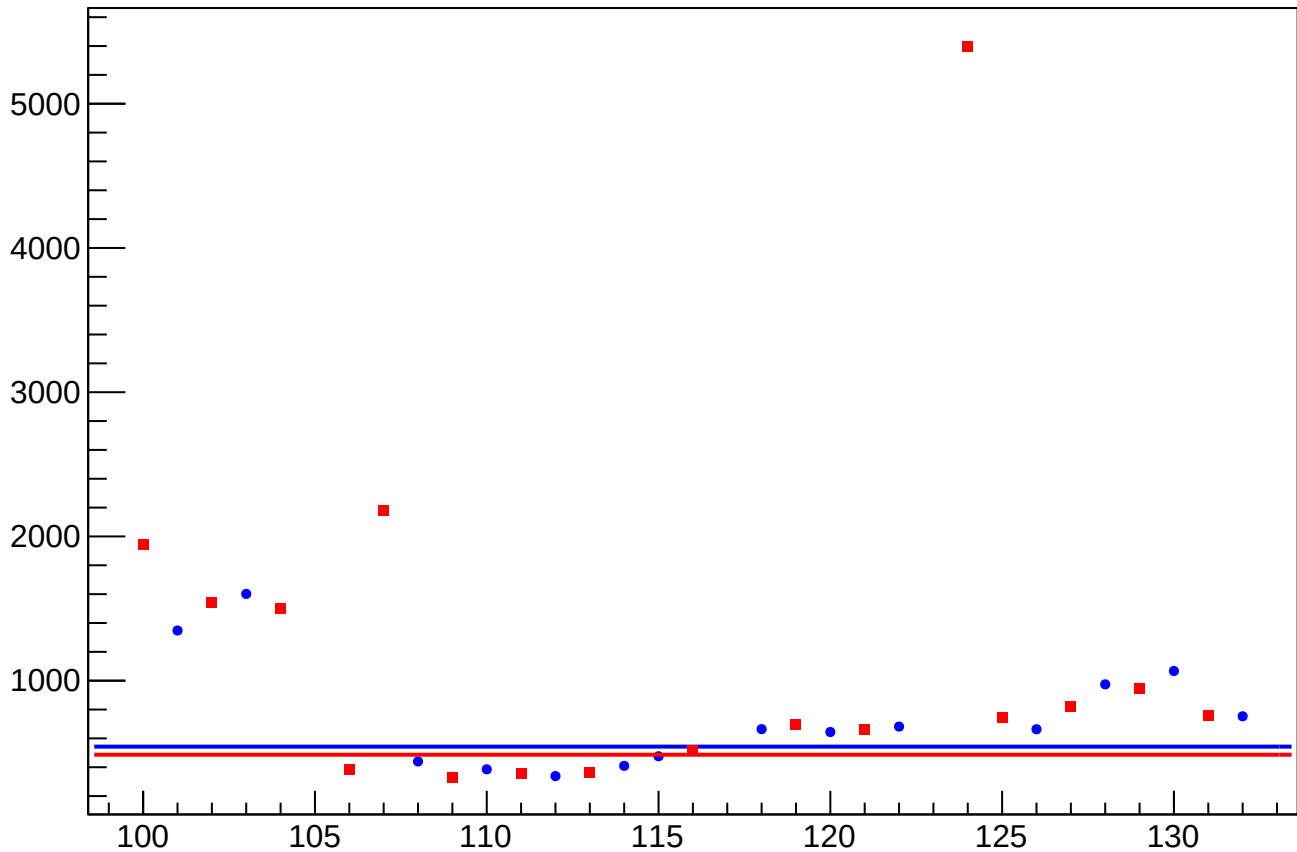
Right: 250.581+/-165.162 χ^2/NDF : 26.0/29

In: 78.601+/-246.871 χ^2/NDF : 12.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 250.581+/-165.162 χ^2/NDF : 26.0/29

asym_atl_avg_atr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 542.852+/-0.175 χ^2/NDF : 2182620.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 486.634+/-0.157 χ^2/NDF : 2922315.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

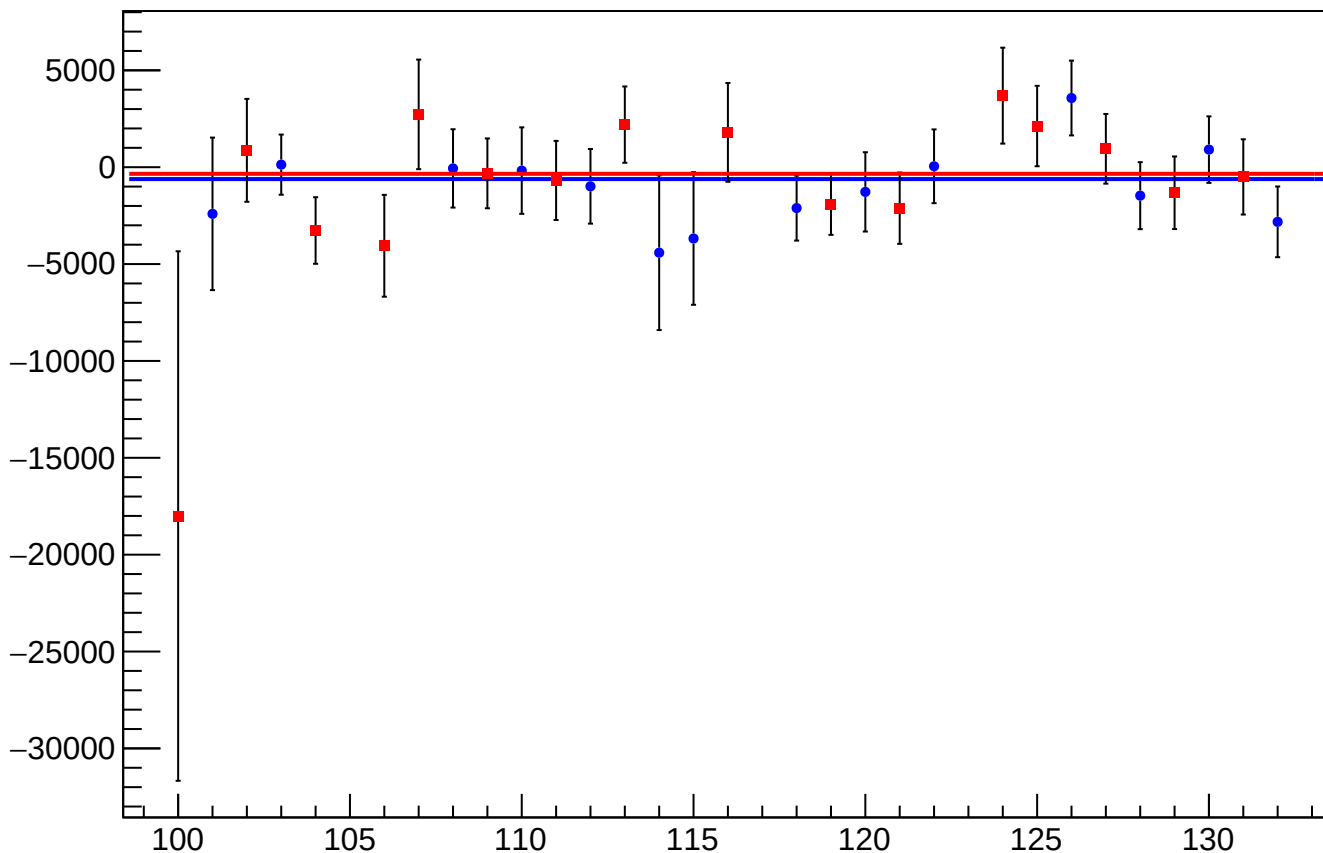
Right: 511.797+/-0.117 χ^2/NDF : 5162228.7/29

In: 542.852+/-0.175 χ^2/NDF :2182620.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 511.797+/-0.117 χ^2/NDF : 5162228.7/29

eigen_dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -613.236+/-538.023 χ^2/NDF : 10.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -341.559+/-522.512 χ^2/NDF : 17.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

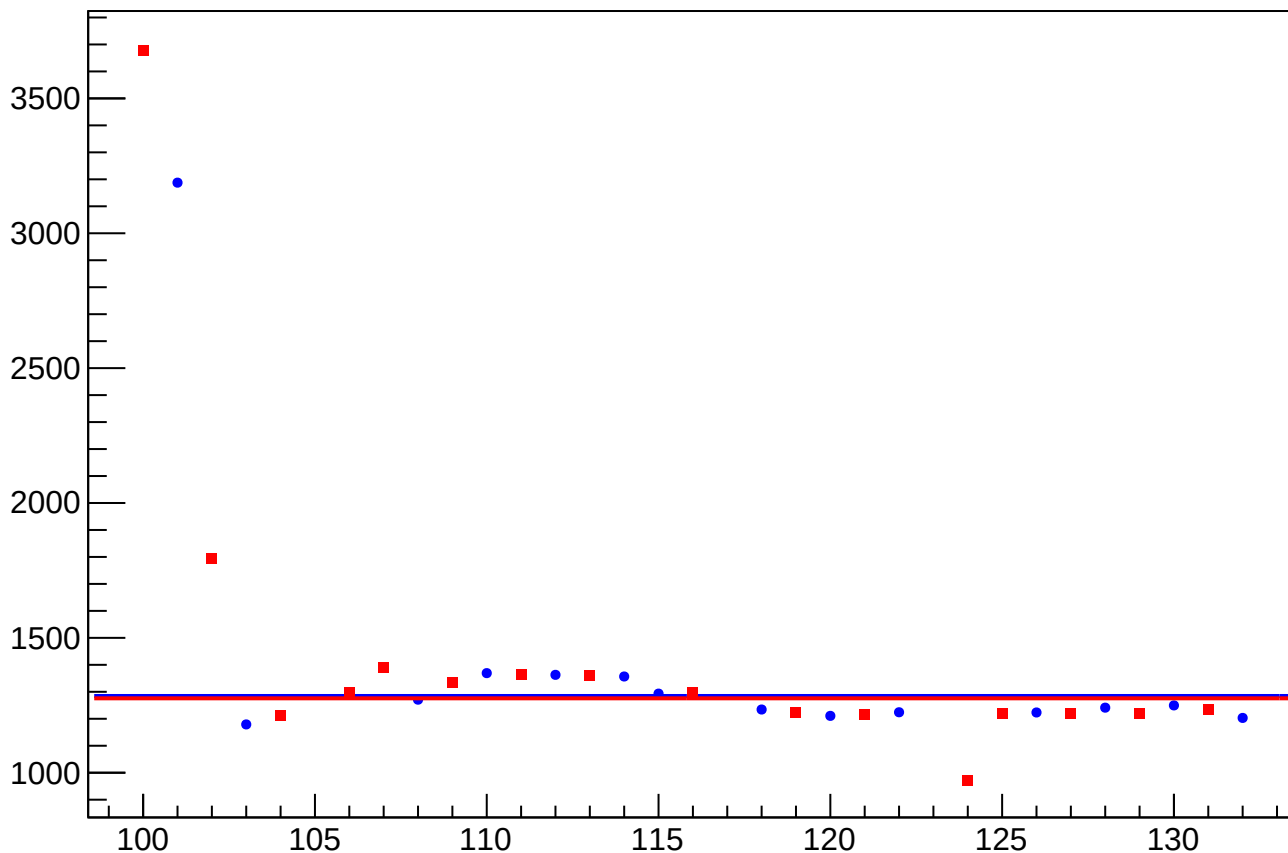
Right: -473.425+/-374.835 χ^2/NDF : 27.8/29

In: -613.236+/-538.023 χ^2/NDF : 10.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -473.425+/-374.835 χ^2/NDF : 27.8/29

eigen_dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1284.479+/-0.380 χ^2/NDF : 498185.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1275.788+/-0.369 χ^2/NDF : 194548.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

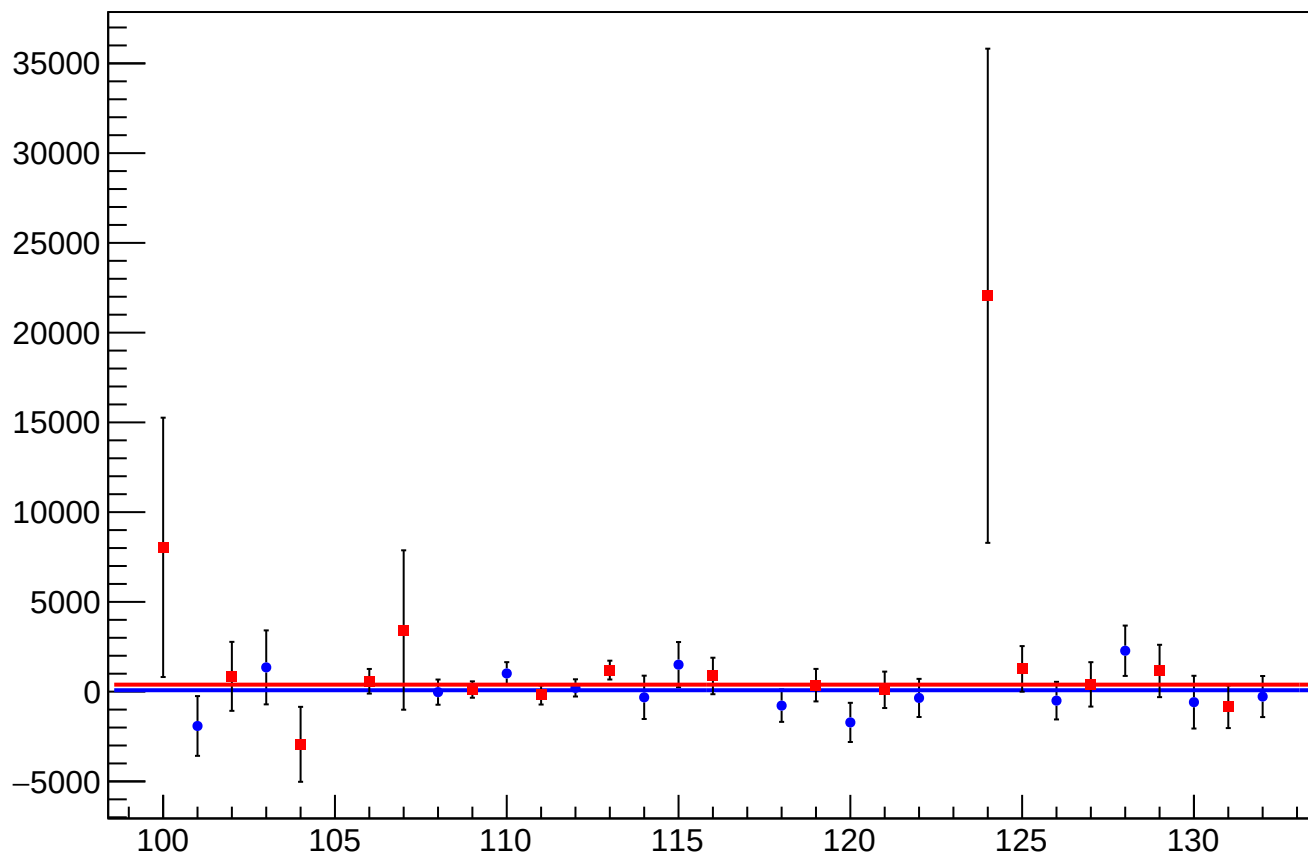
Right: 1280.006+/-0.265 χ^2/NDF : 693002.5/29

In: 1284.479+/-0.380 χ^2/NDF : 498185.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1280.006+/-0.265 χ^2/NDF : 693002.5/29

asym_atl_avg_atr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 78.600+/-246.870 χ^2/NDF : 12.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 389.925+/-222.216 χ^2/NDF : 12.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

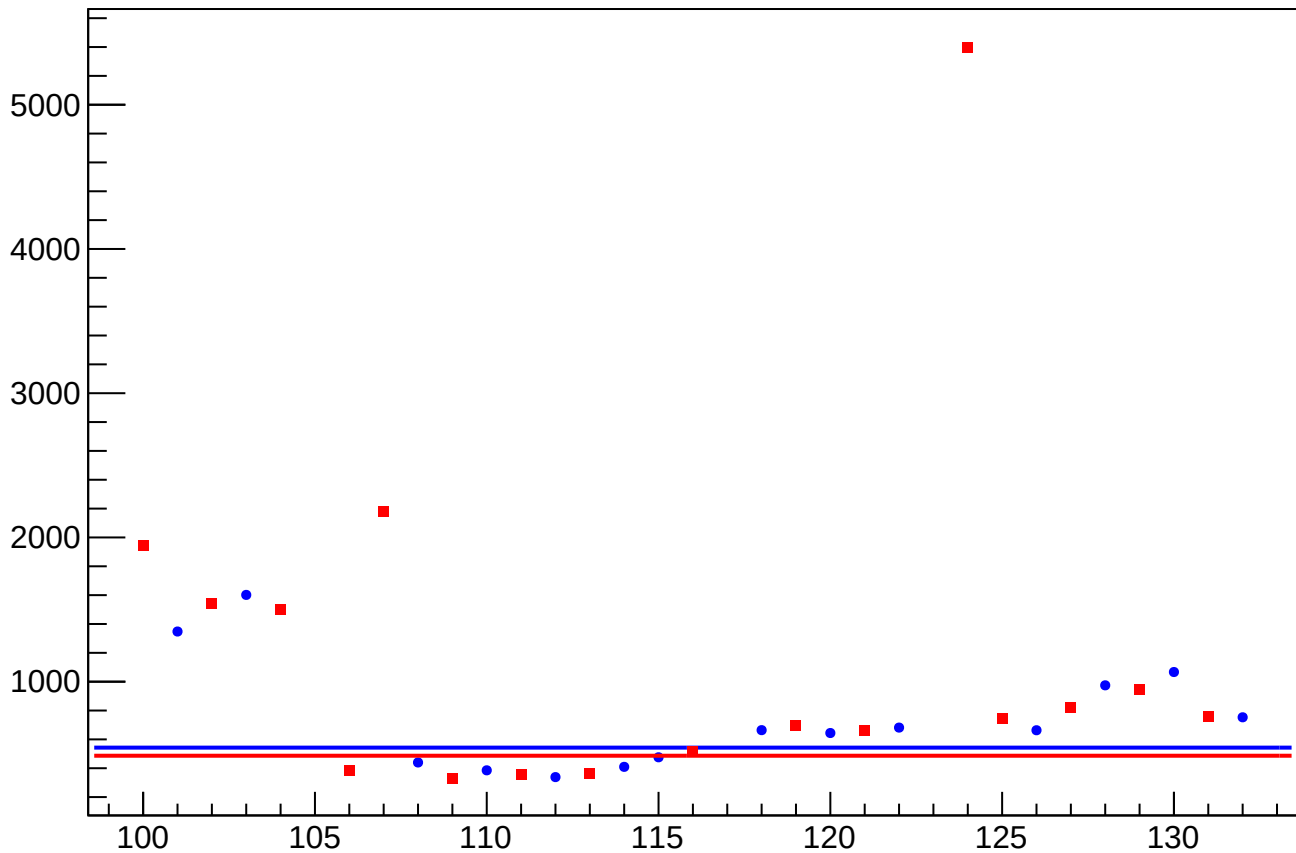
Right: 250.580+/-165.161 χ^2/NDF : 26.0/29

In: 78.600+/-246.870 χ^2/NDF : 12.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 250.580+/-165.161 χ^2/NDF : 26.0/29

asym_atl_avg_atr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 542.849+/-0.175 χ^2/NDF : 2182624.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 486.633+/-0.157 χ^2/NDF : 2922321.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

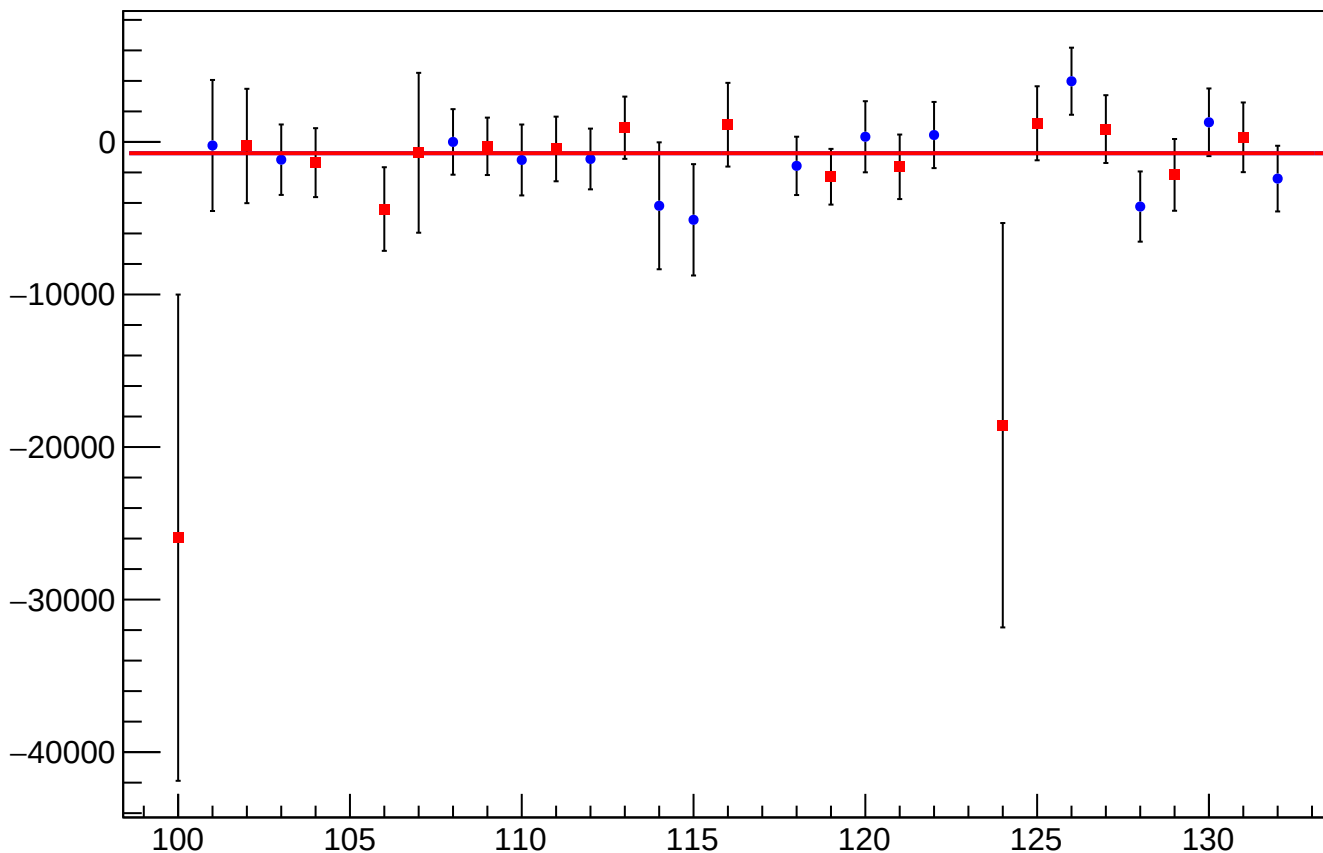
Right: 511.794+/-0.117 χ^2/NDF : 5162236.6/29

In: 542.849+/-0.175 χ^2/NDF :2182624.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 511.794+/-0.117 χ^2/NDF : 5162236.6/29

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -740.479+/-630.764 χ^2/NDF : 11.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -739.642+/-621.070 χ^2/NDF : 10.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

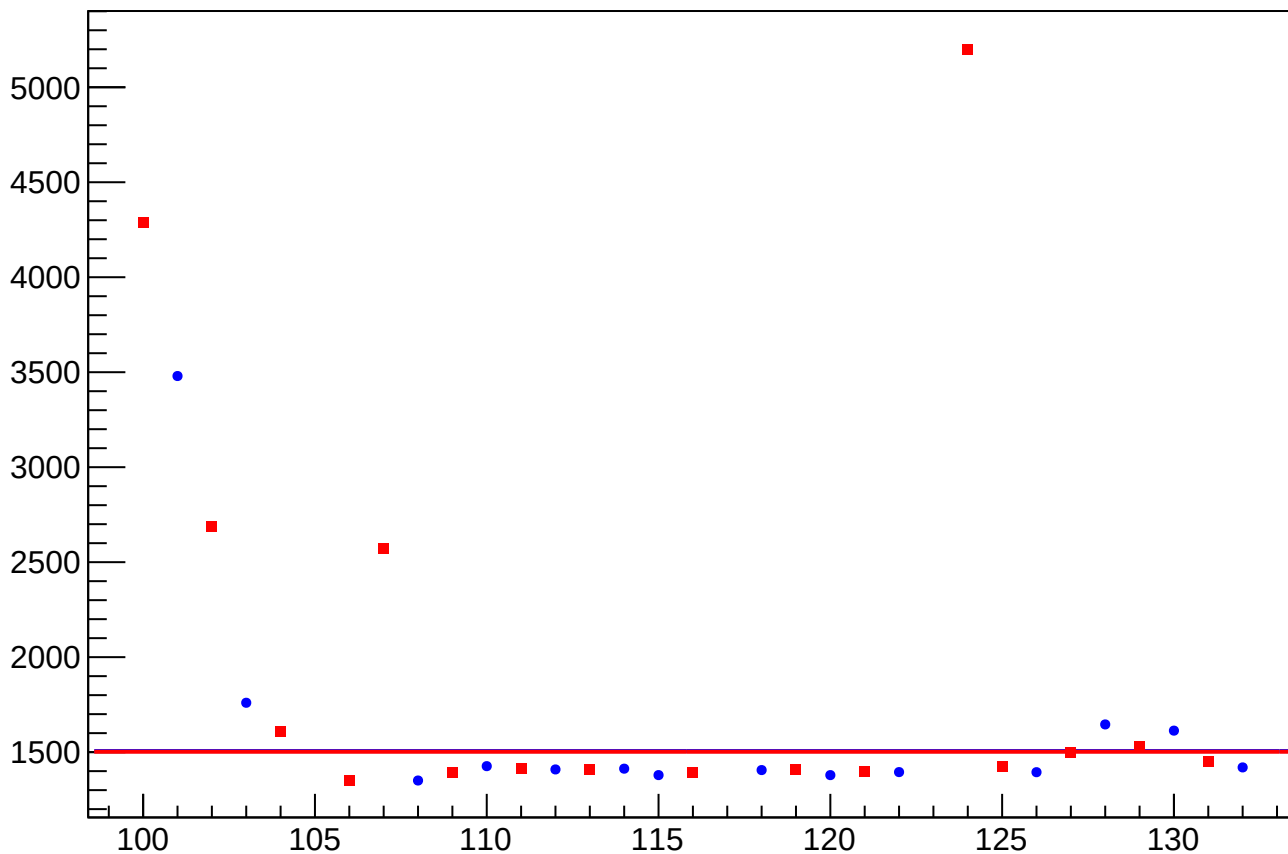
Right: -740.054+/-442.550 χ^2/NDF : 21.4/29

In: -740.479+/-630.764 χ^2/NDF : 11.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -740.054+/-442.550 χ^2/NDF : 21.4/29

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1505.567+/-0.446 χ^2/NDF : 504605.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1502.206+/-0.439 χ^2/NDF : 540886.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

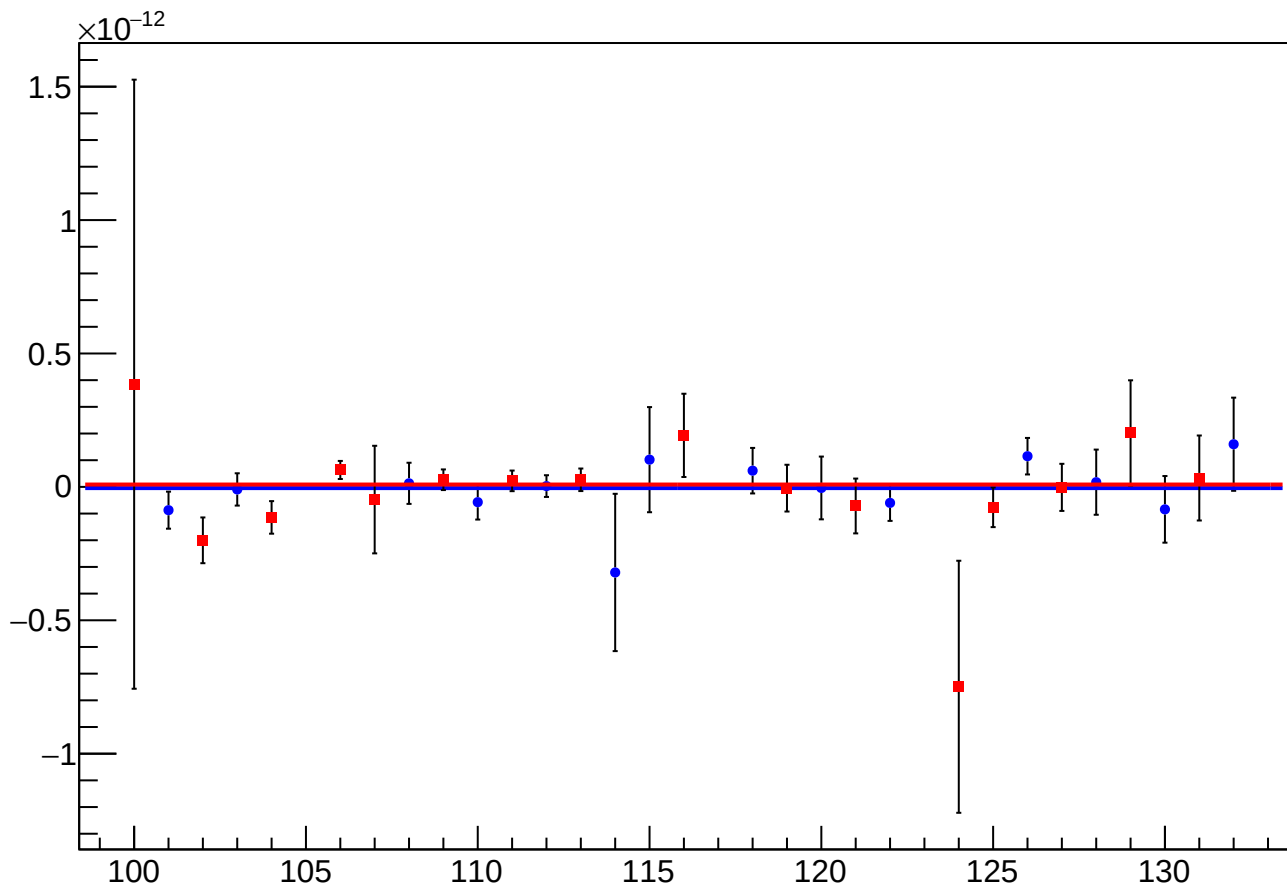
Right: 1503.861+/-0.313 χ^2/NDF : 1045521.2/29

In: 1505.567+/-0.446 χ^2/NDF : 504605.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1503.861+/-0.313 χ^2/NDF : 1045521.2/29

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 20.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

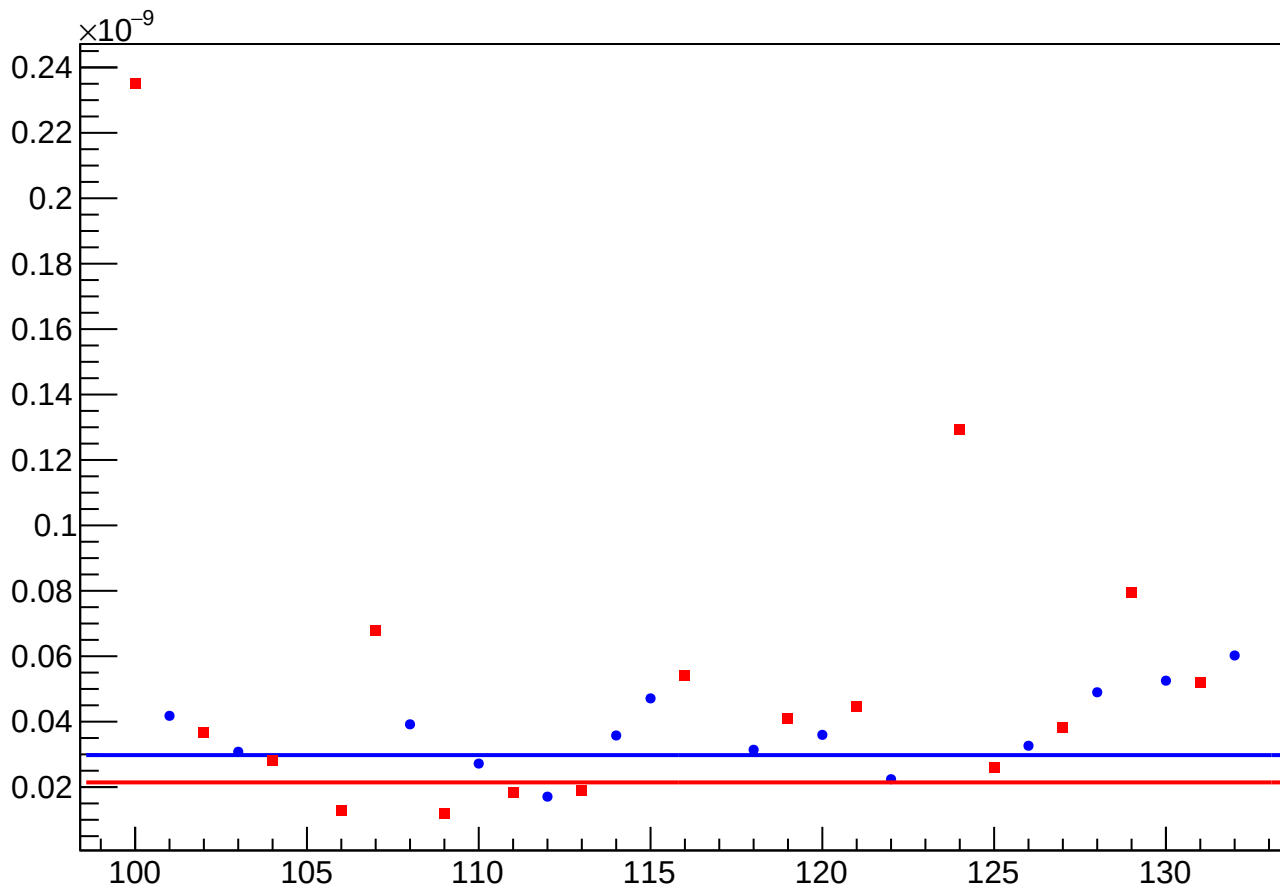
Right: 0.000+/-0.000 χ^2/NDF : 29.8/29

In: -0.000+/-0.000 χ^2/NDF : 9.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.8/29

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 514795.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1257552.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

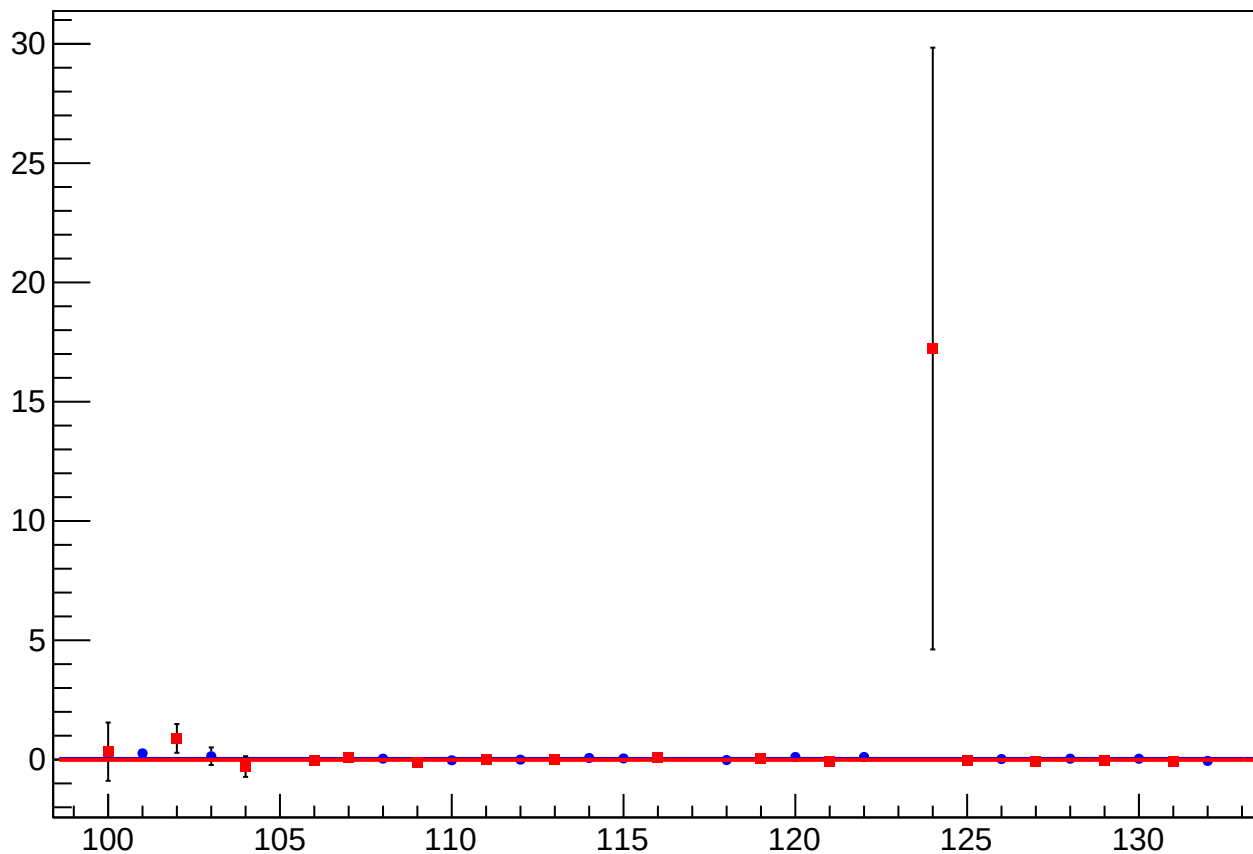
Right: 0.000+/-0.000 χ^2/NDF : 1974458.9/29

In: 0.000+/-0.000 χ^2/NDF :514795.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1974458.9/29

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026+/-0.018 χ^2/NDF : 10.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.011+/-0.018 χ^2/NDF : 15.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

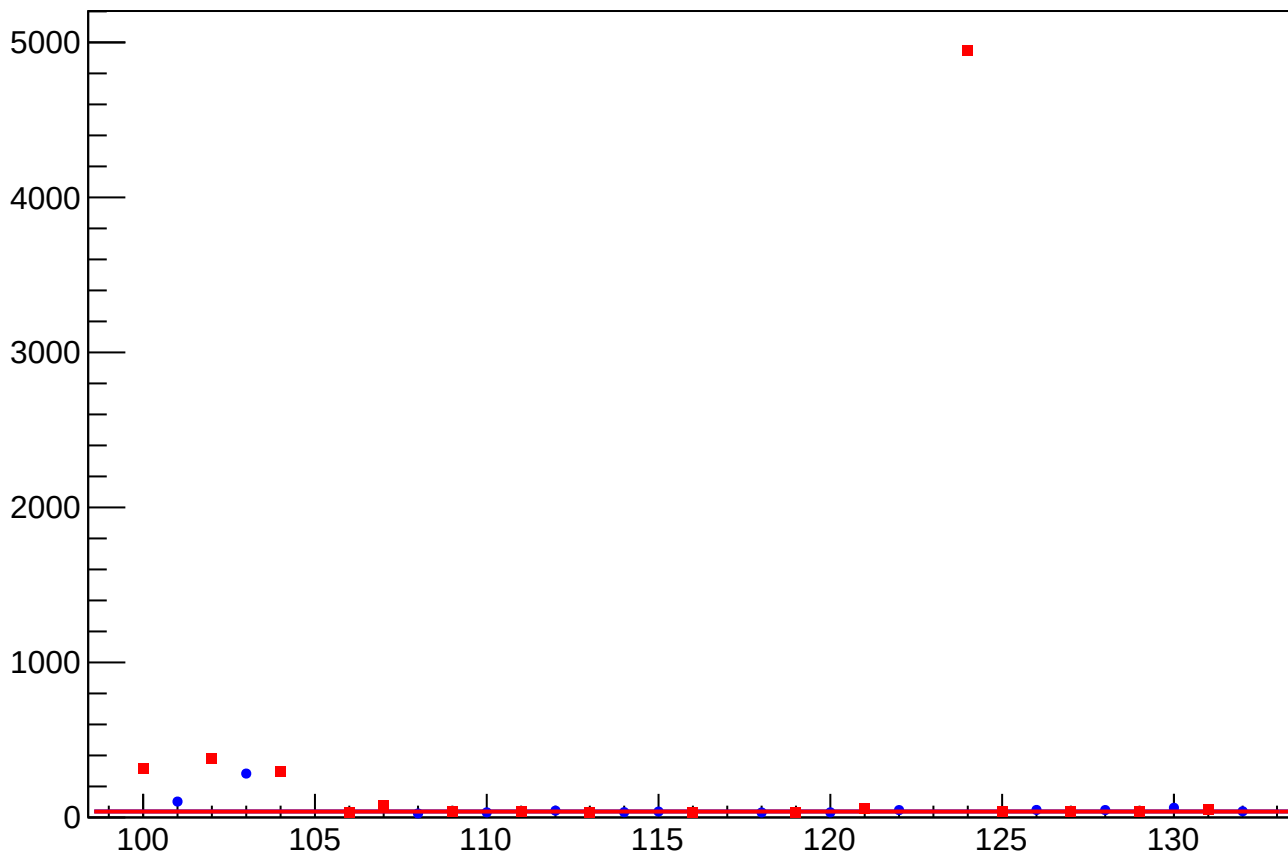
Right: 0.007+/-0.013 χ^2/NDF : 27.3/29

In: 0.026+/-0.018 χ^2/NDF : 10.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.013 χ^2/NDF : 27.3/29

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.834+/-0.013 χ^2/NDF : 1826088.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.142+/-0.013 χ^2/NDF : 2100236.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

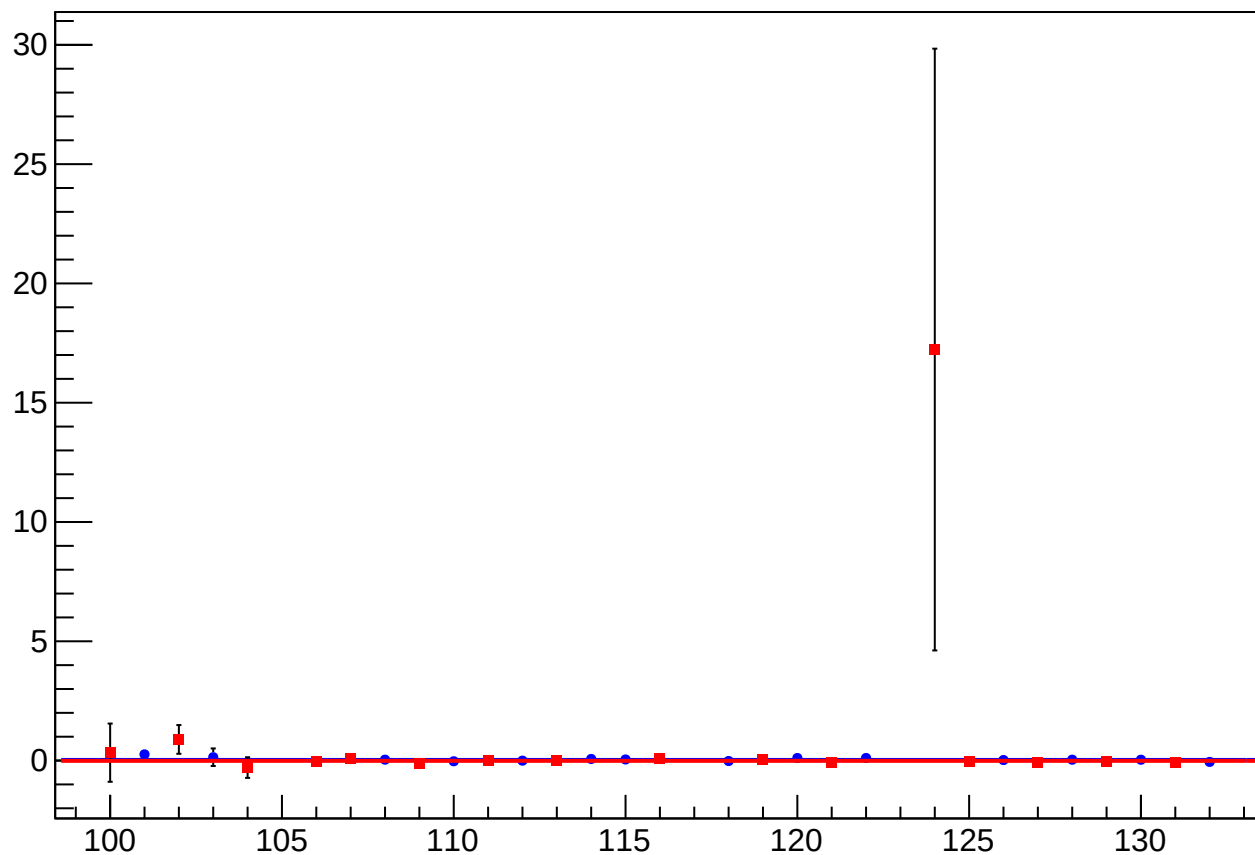
Right: 38.487+/-0.009 χ^2/NDF : 3927758.5/29

In: 38.834+/-0.013 χ^2/NDF : 1826088.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.487+/-0.009 χ^2/NDF : 3927758.5/29

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026+/-0.018 χ^2/NDF : 10.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.011+/-0.018 χ^2/NDF : 15.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

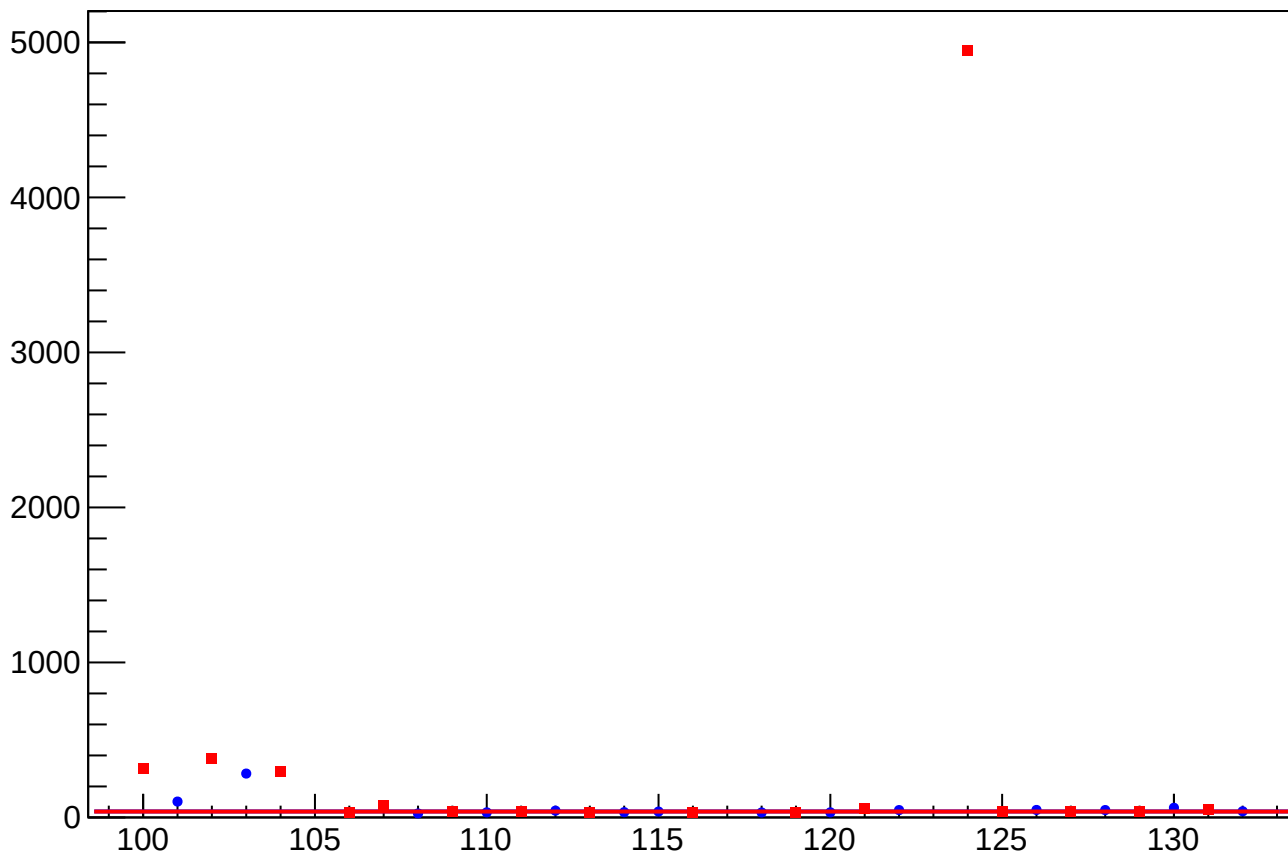
Right: 0.007+/-0.013 χ^2/NDF : 27.3/29

In: 0.026+/-0.018 χ^2/NDF : 10.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.013 χ^2/NDF : 27.3/29

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.834+/-0.013 χ^2/NDF : 1826088.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.142+/-0.013 χ^2/NDF : 2100236.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

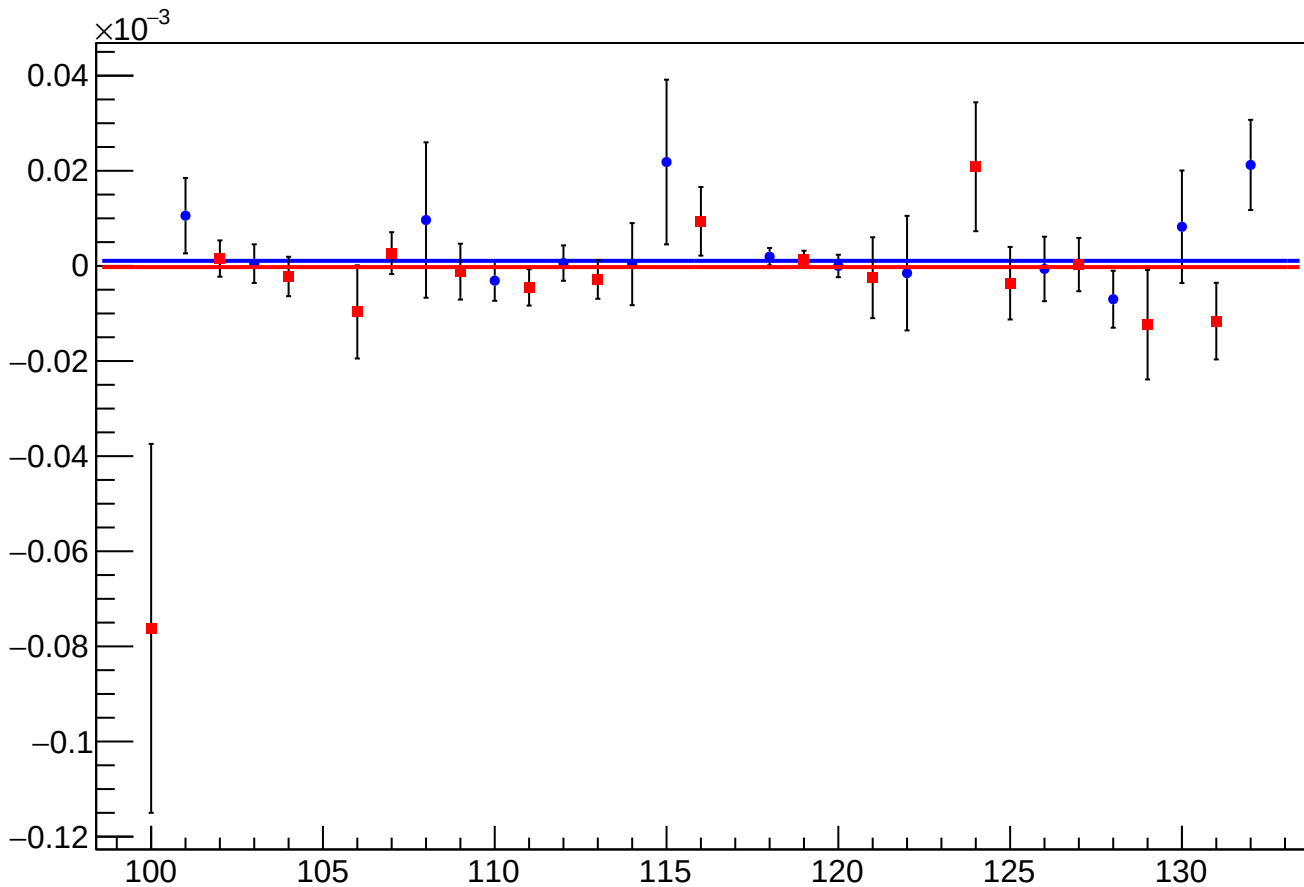
Right: 38.487+/-0.009 χ^2/NDF : 3927758.5/29

In: 38.834+/-0.013 χ^2/NDF : 1826088.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.487+/-0.009 χ^2/NDF : 3927758.5/29

asym_atl_avg_atr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

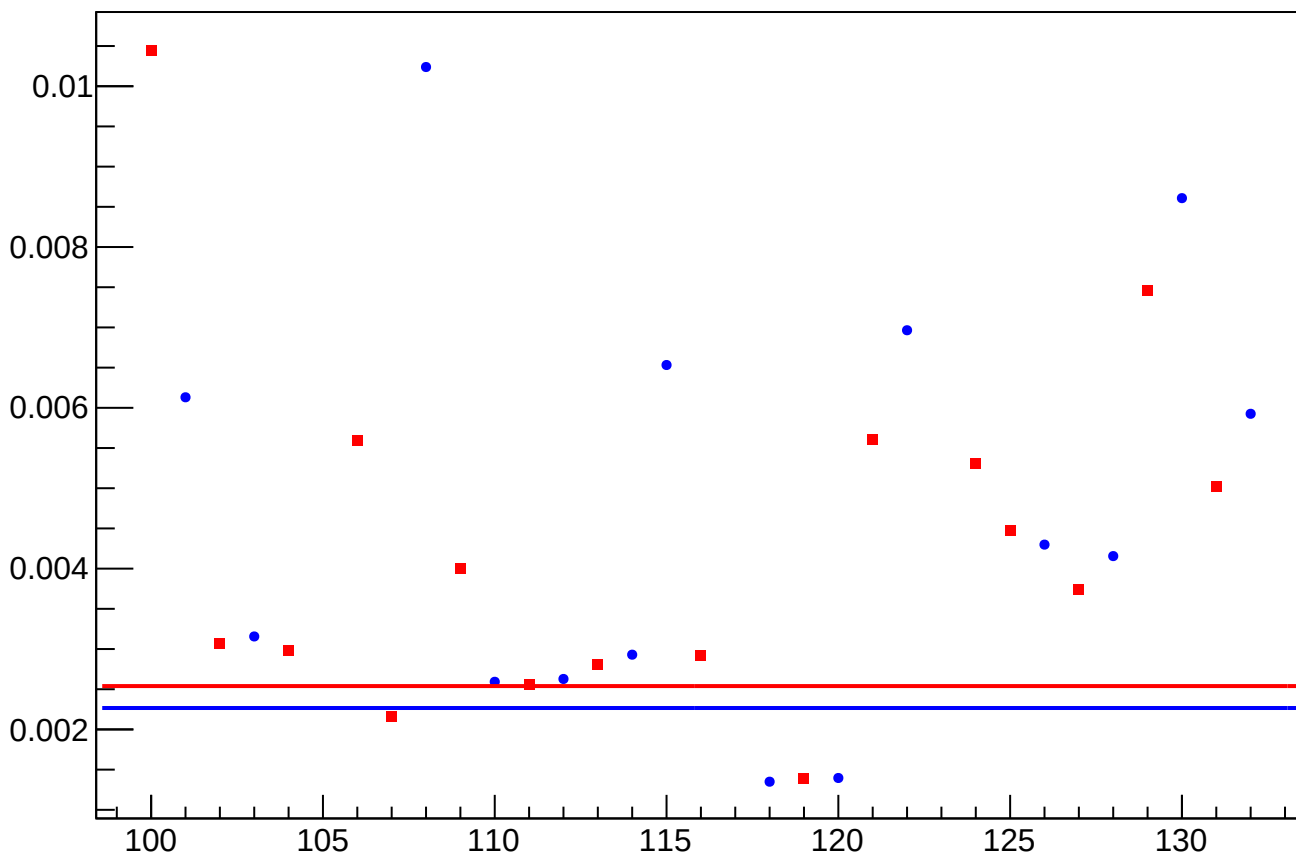
Right: 0.000+/-0.000 χ^2/NDF : 27.8/29

In: 0.000+/-0.000 χ^2/NDF : 11.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.8/29

asym_atl_avg_atr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 3537923.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2418354.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

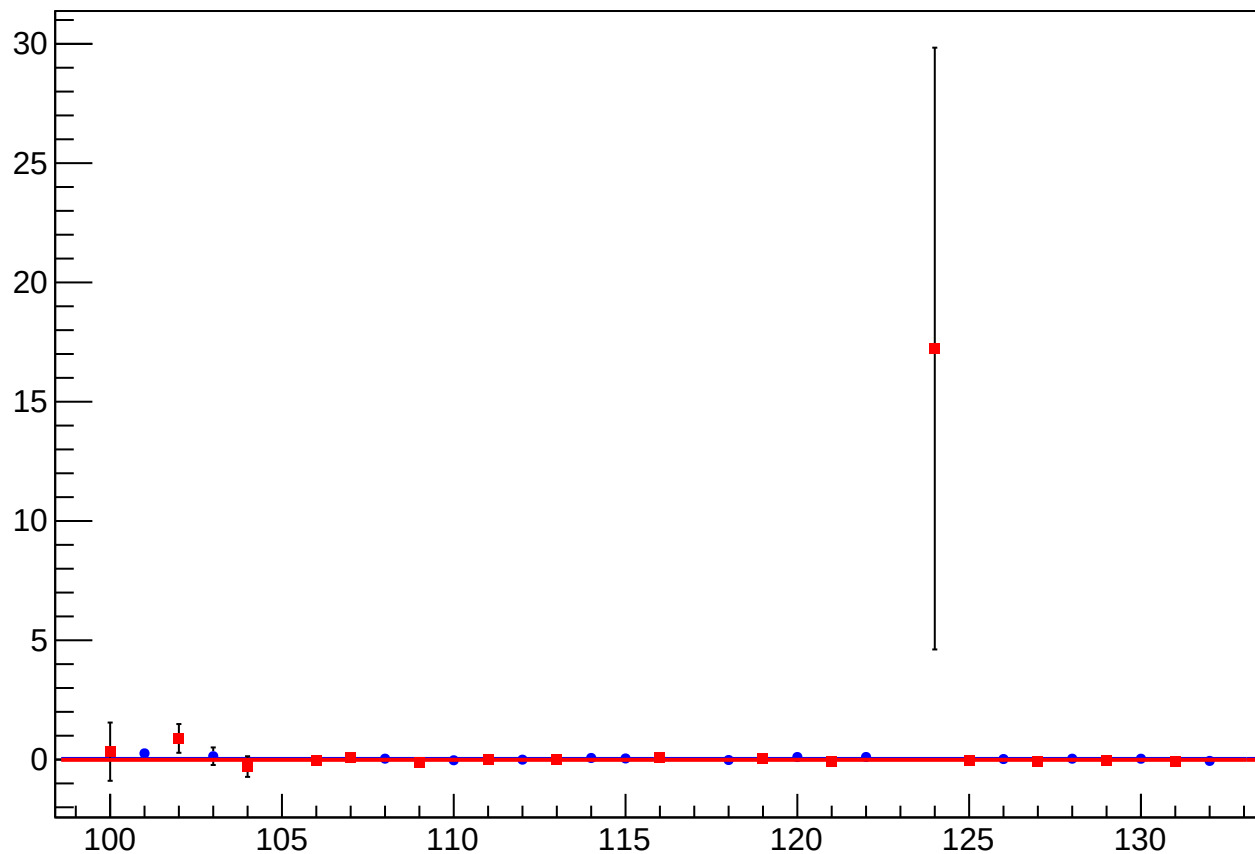
Right: 0.002+/-0.000 χ^2/NDF : 6013573.5/29

In: 0.002+/-0.000 χ^2/NDF :3537923.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6013573.5/29

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026+/-0.018 χ^2/NDF : 10.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.011+/-0.018 χ^2/NDF : 15.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

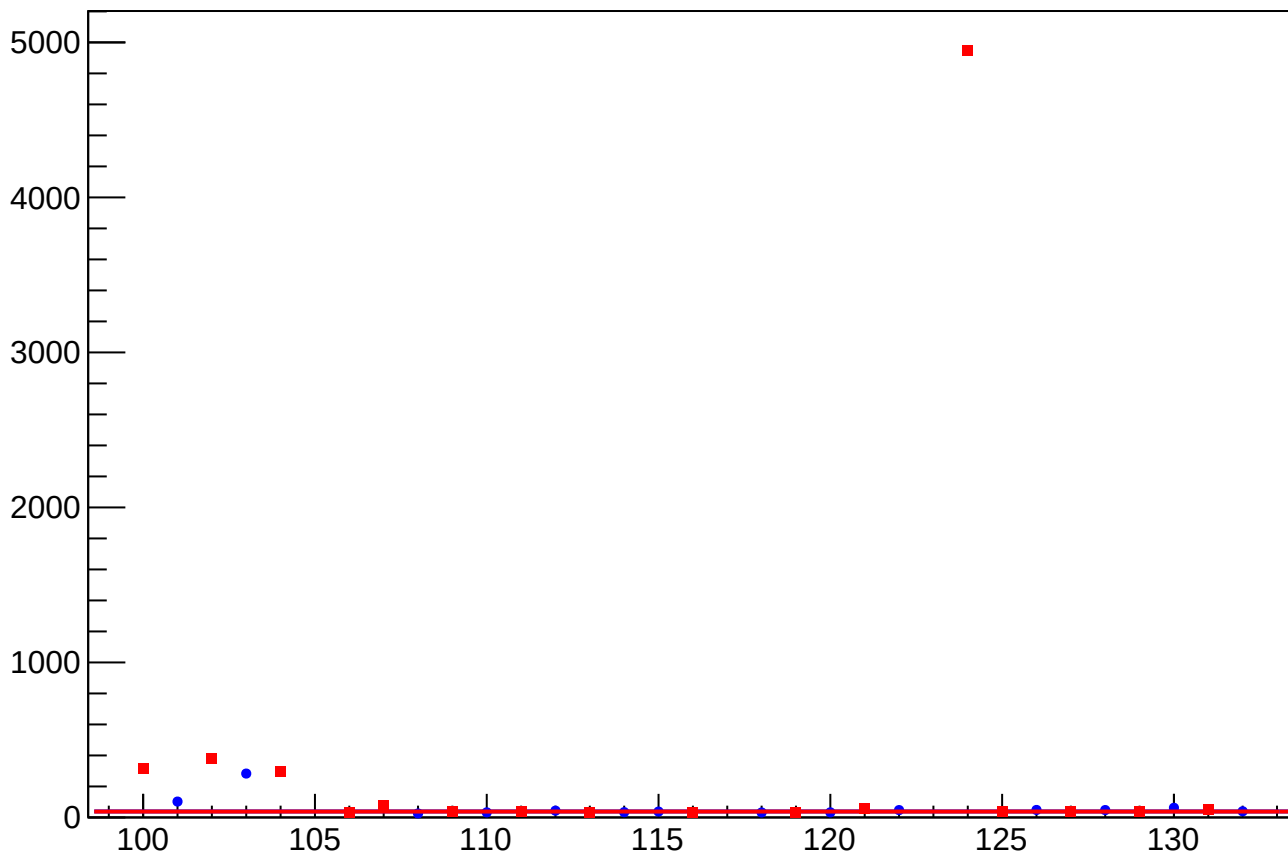
Right: 0.007+/-0.013 χ^2/NDF : 27.3/29

In: 0.026+/-0.018 χ^2/NDF : 10.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.013 χ^2/NDF : 27.3/29

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.835+/-0.013 χ^2/NDF : 1825946.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.142+/-0.013 χ^2/NDF : 2100238.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

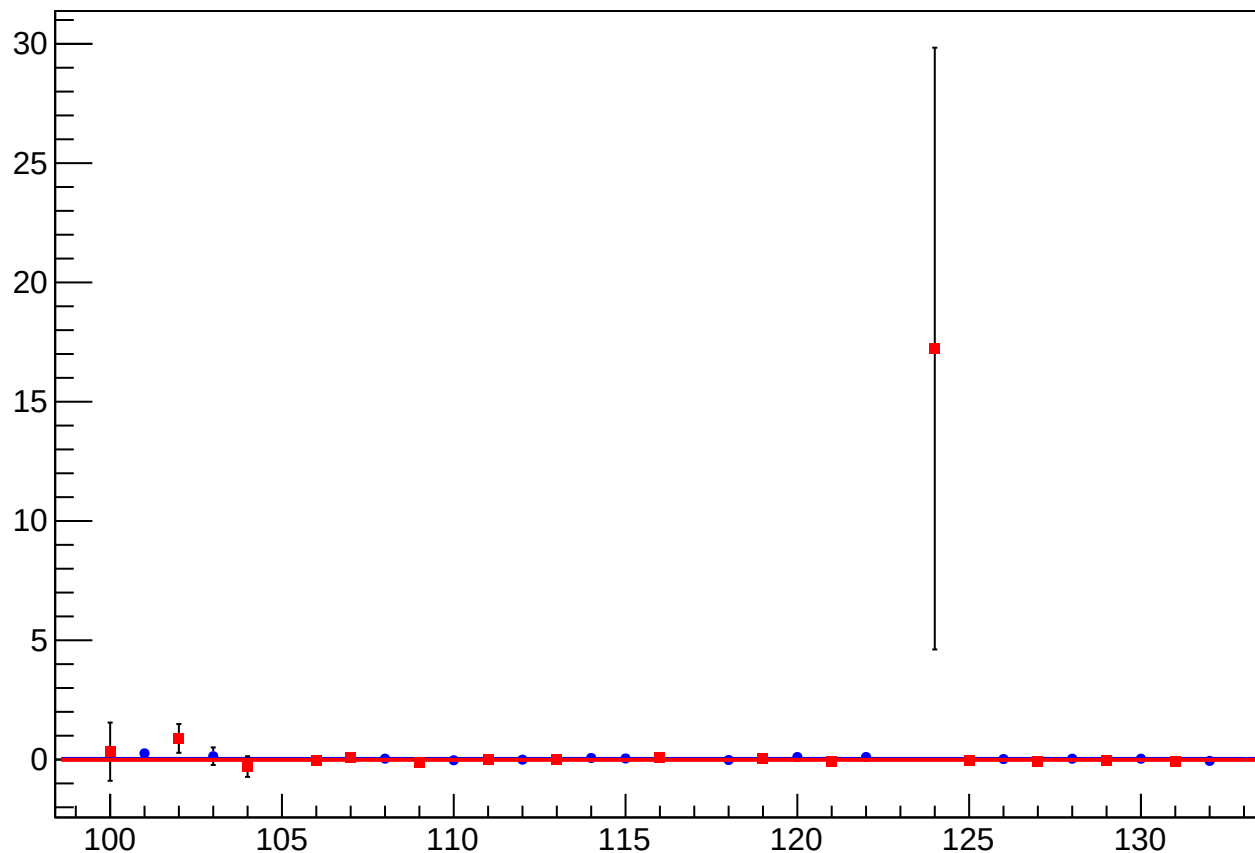
Right: 38.487+/-0.009 χ^2/NDF : 3927622.3/29

In: 38.835+/-0.013 χ^2/NDF : 1825946.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.487+/-0.009 χ^2/NDF : 3927622.3/29

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026+/-0.018 χ^2/NDF : 10.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.011+/-0.018 χ^2/NDF : 15.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

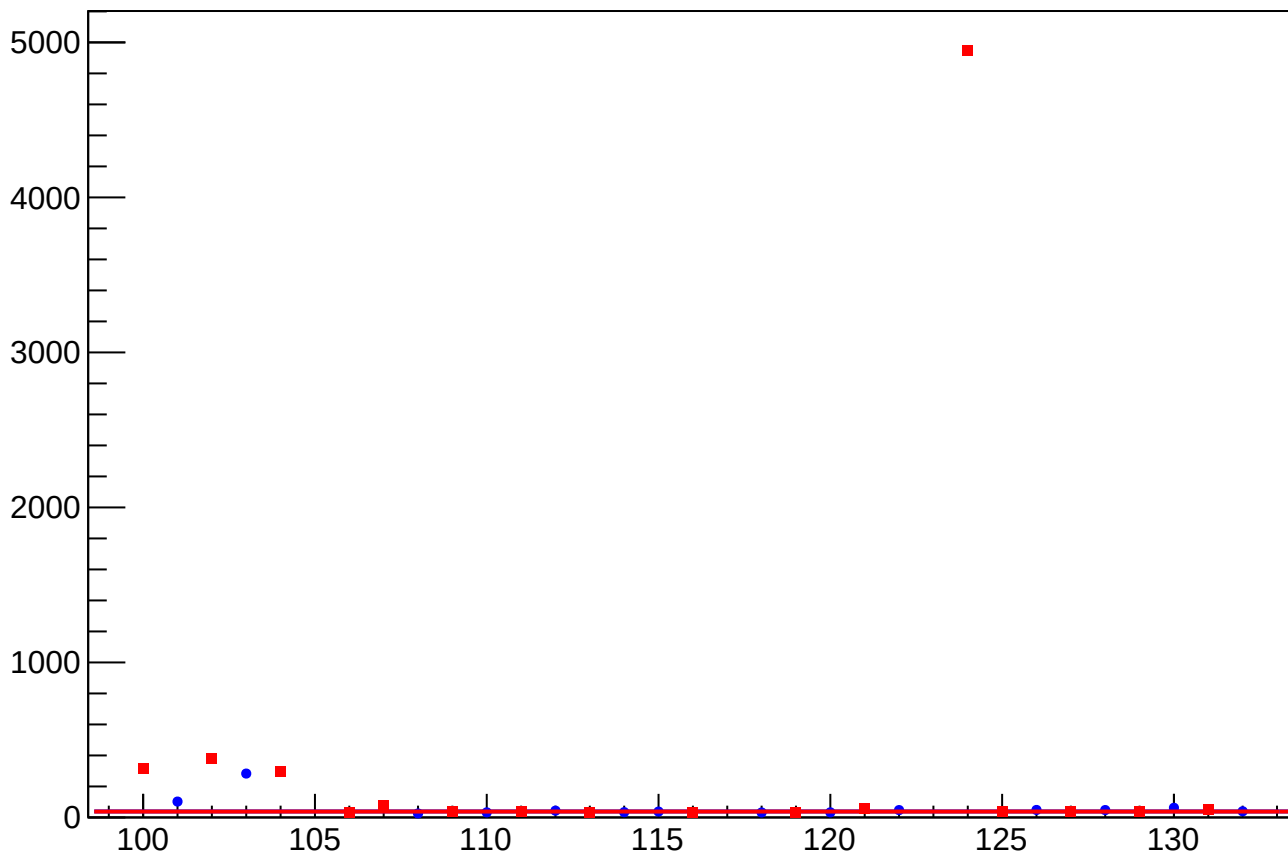
Right: 0.007+/-0.013 χ^2/NDF : 27.3/29

In: 0.026+/-0.018 χ^2/NDF : 10.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.013 χ^2/NDF : 27.3/29

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.835+/-0.013 χ^2/NDF : 1825946.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.142+/-0.013 χ^2/NDF : 2100238.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

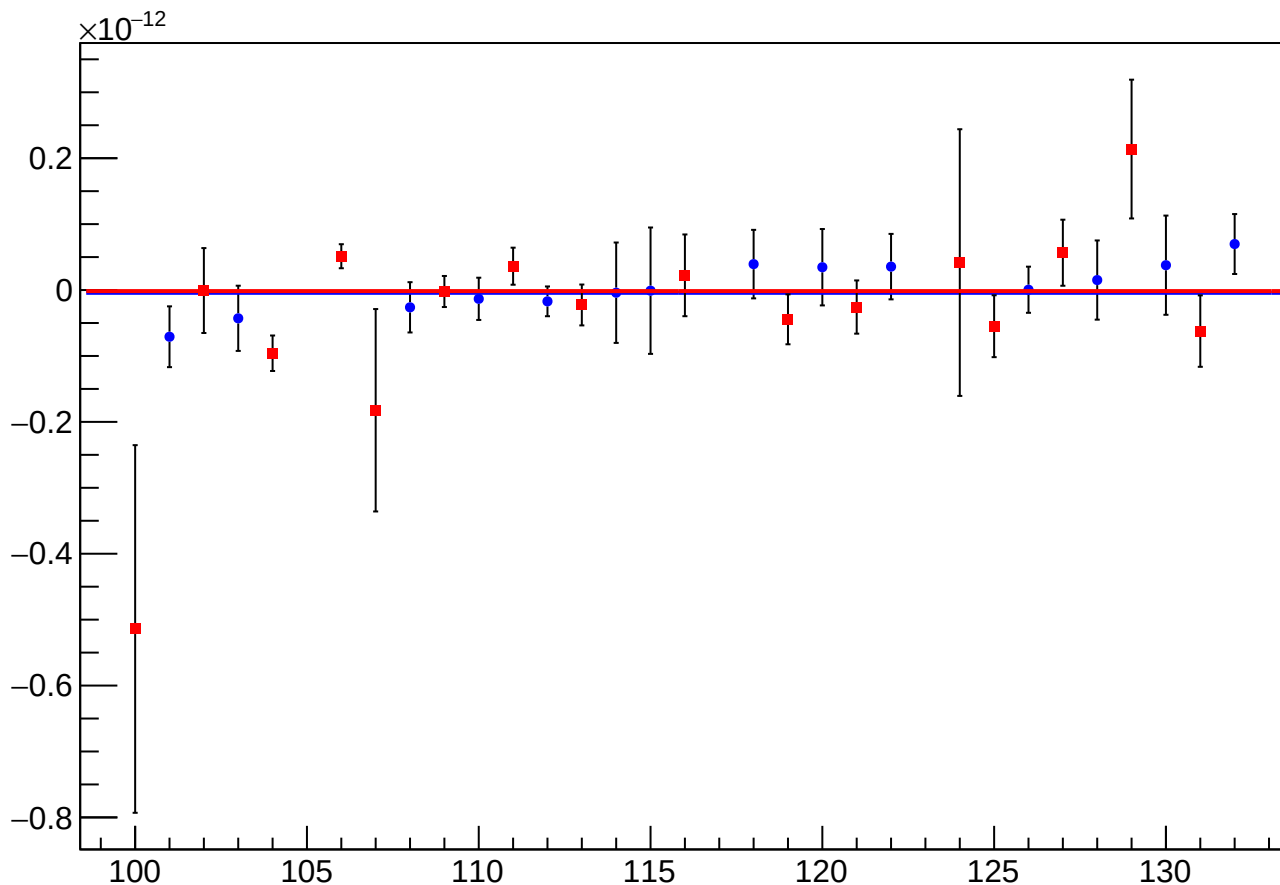
Right: 38.487+/-0.009 χ^2/NDF : 3927622.3/29

In: 38.835+/-0.013 χ^2/NDF : 1825946.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.487+/-0.009 χ^2/NDF : 3927622.3/29

asym_atl_avg_atr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 37.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

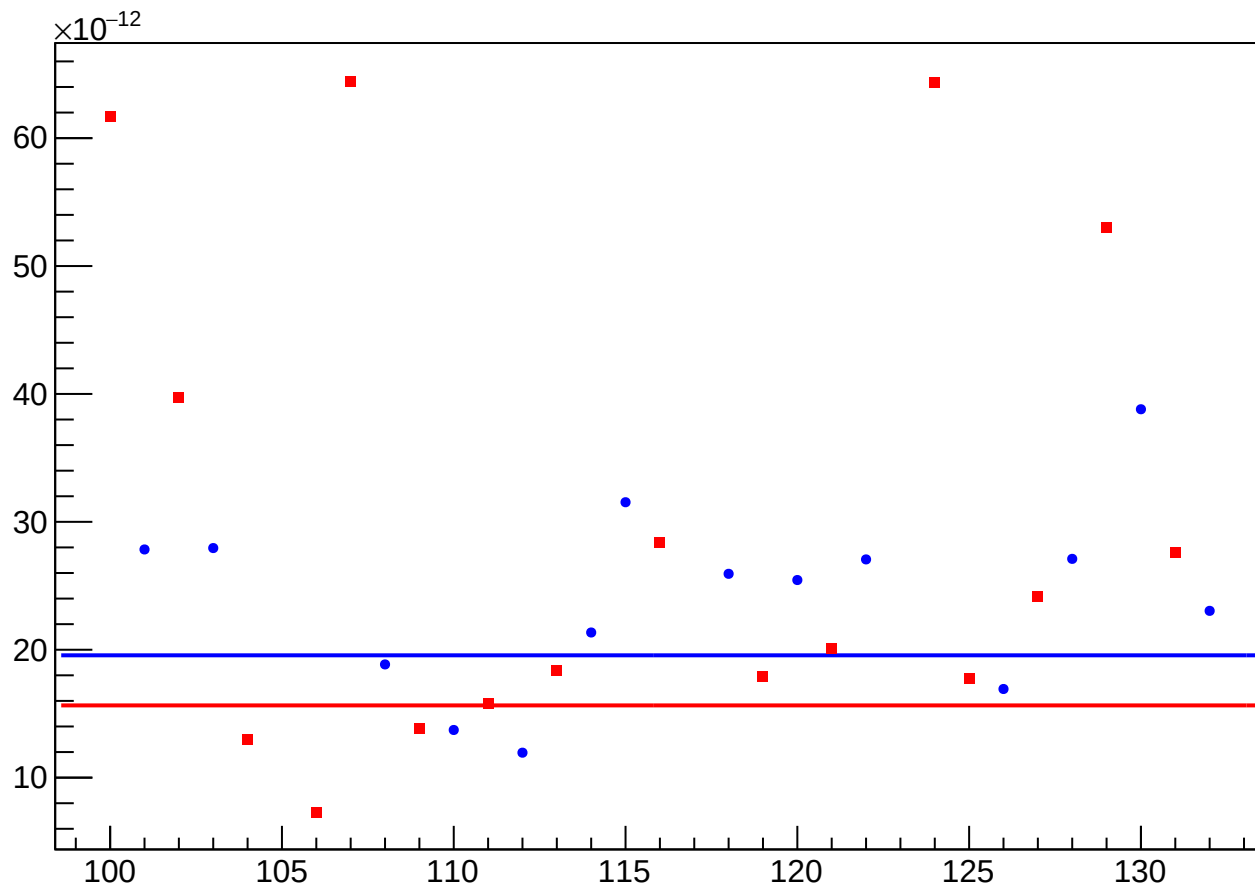
Right: -0.000+/-0.000 χ^2/NDF : 46.0/29

In: -0.000+/-0.000 χ^2/NDF : 8.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 46.0/29

asym_atl_avg_atr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 730175.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1650807.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

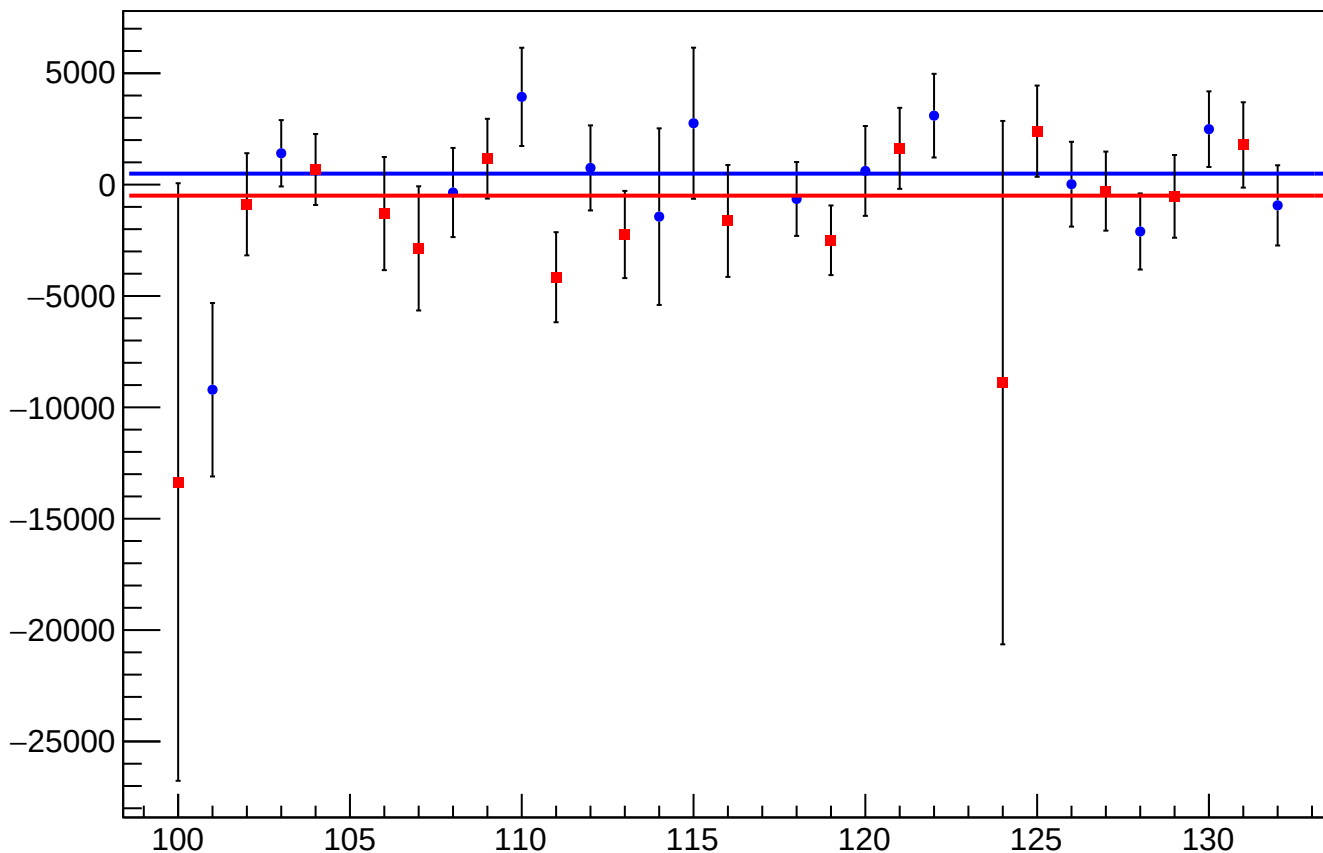
Right: 0.000+/-0.000 χ^2/NDF : 2522308.7/29

In: 0.000+/-0.000 χ^2/NDF : 730175.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2522308.7/29

reg_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 493.453+/-529.749 χ^2/NDF : 16.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -494.663+/-520.869 χ^2/NDF : 14.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

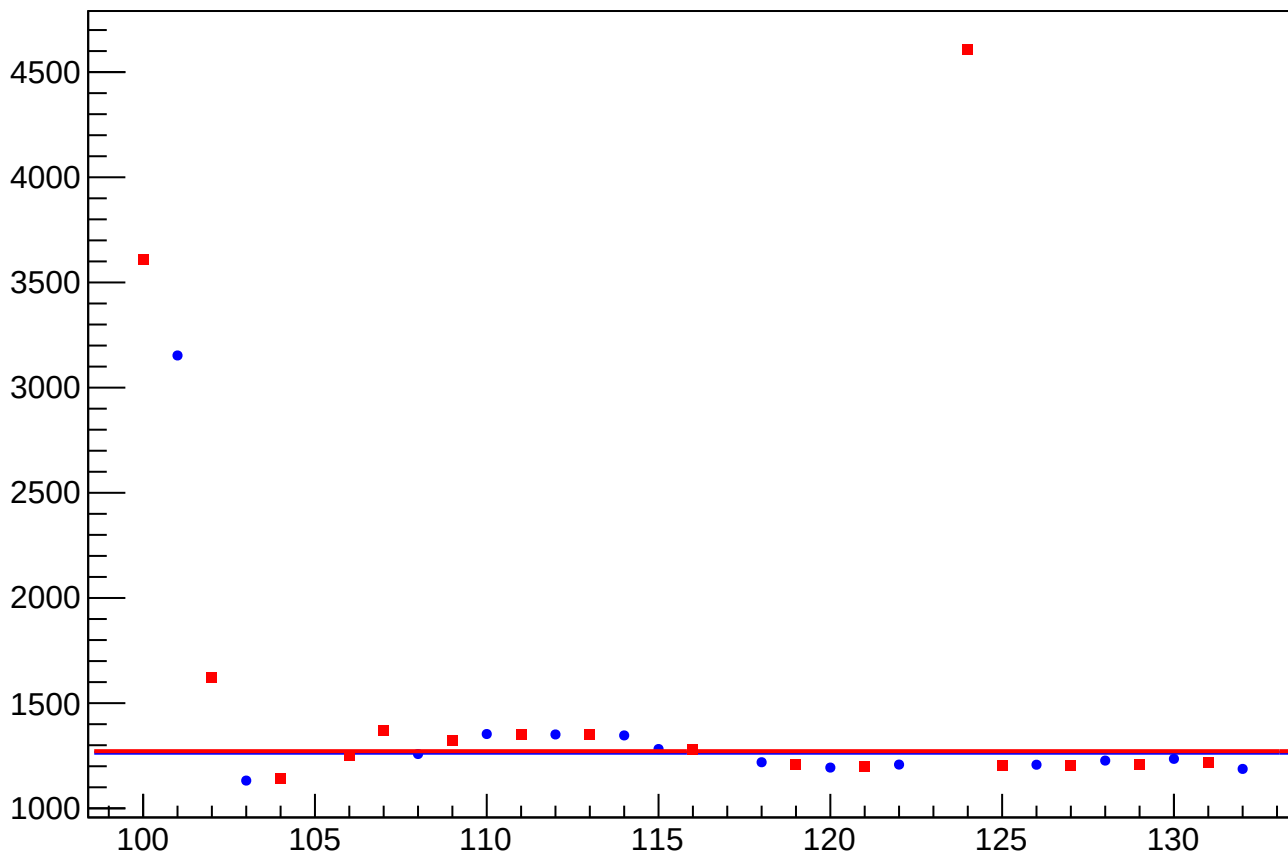
Right: -8.956+/-371.410 χ^2/NDF : 32.8/29

In: 493.453+/-529.749 χ^2/NDF : 16.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.956+/-371.410 χ^2/NDF : 32.8/29

reg_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1264.376+/-0.375 χ^2/NDF : 507494.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1271.745+/-0.368 χ^2/NDF : 309253.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

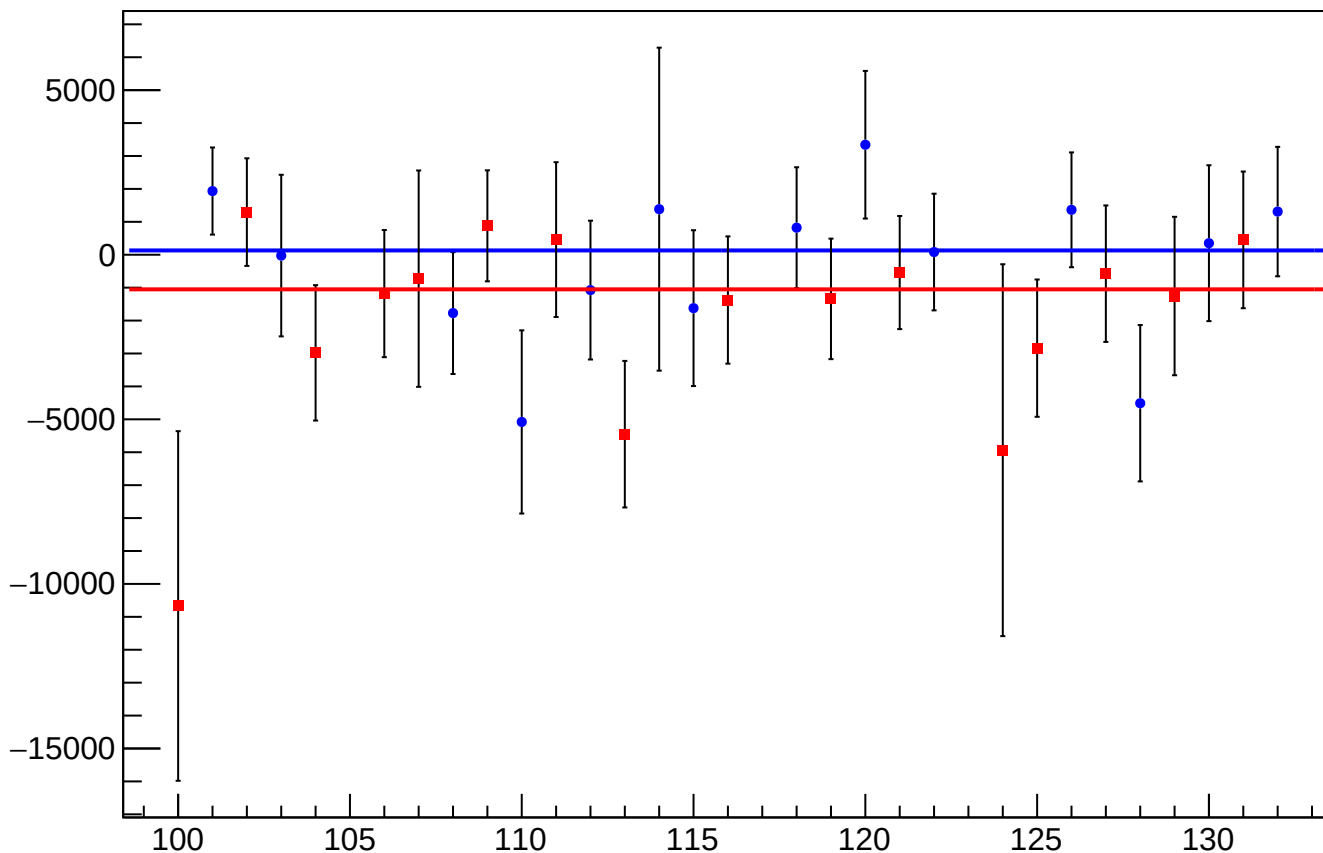
Right: 1268.122+/-0.263 χ^2/NDF : 816944.7/29

In: 1264.376+/-0.375 χ^2/NDF : 507494.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1268.122+/-0.263 χ^2/NDF : 816944.7/29

asym_atl_dd_atr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 130.622 $\pm$ 545.585 χ^2 /NDF: 14.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1051.244 $\pm$ 531.156 χ^2 /NDF: 14.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

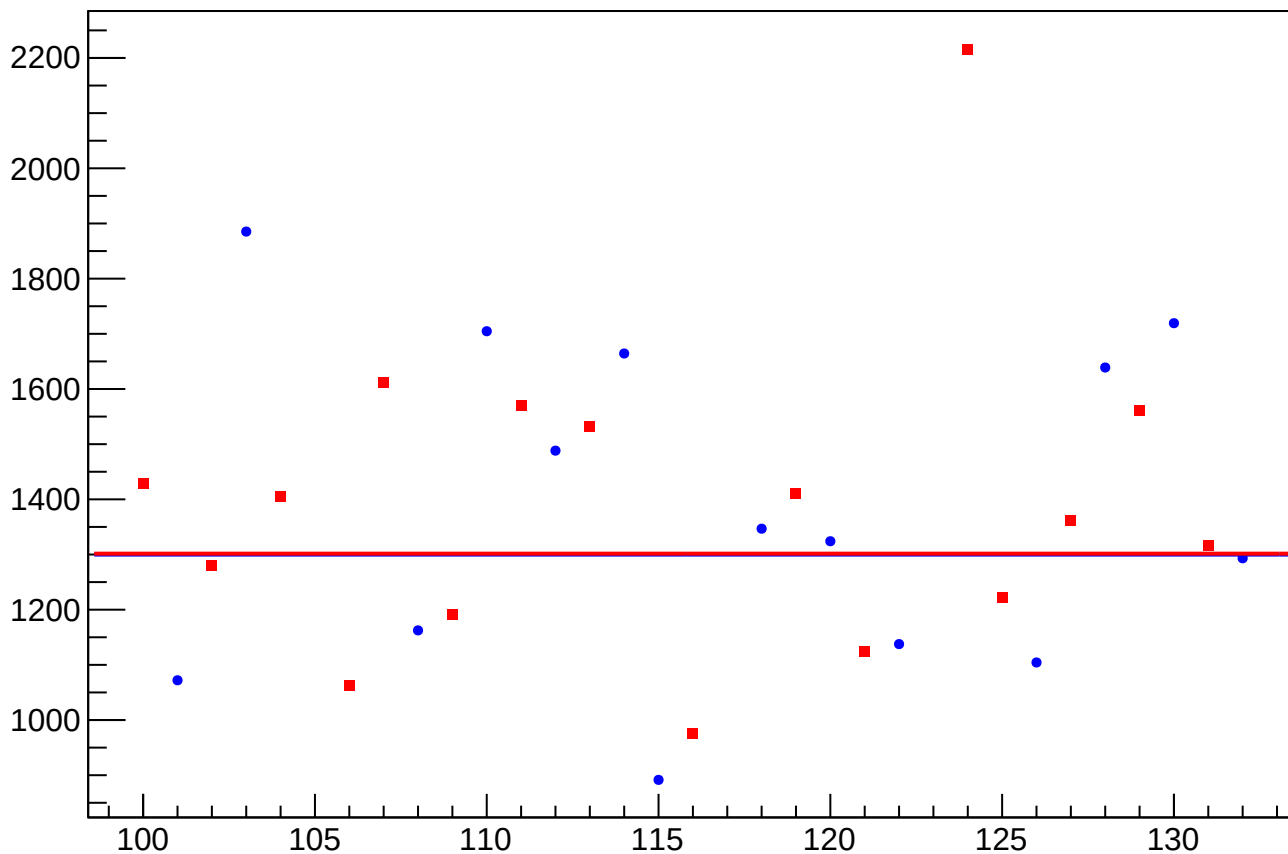
Right: -476.146 $\pm$ 380.583 χ^2 /NDF: 30.7/29

In: 130.622 $\pm$ 545.585 χ^2 /NDF:14.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -476.146 $\pm$ 380.583 χ^2 /NDF: 30.7/29

asym_atl_dd_atr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1299.877+/-0.386 χ^2/NDF : 459873.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1301.555+/-0.376 χ^2/NDF : 276472.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

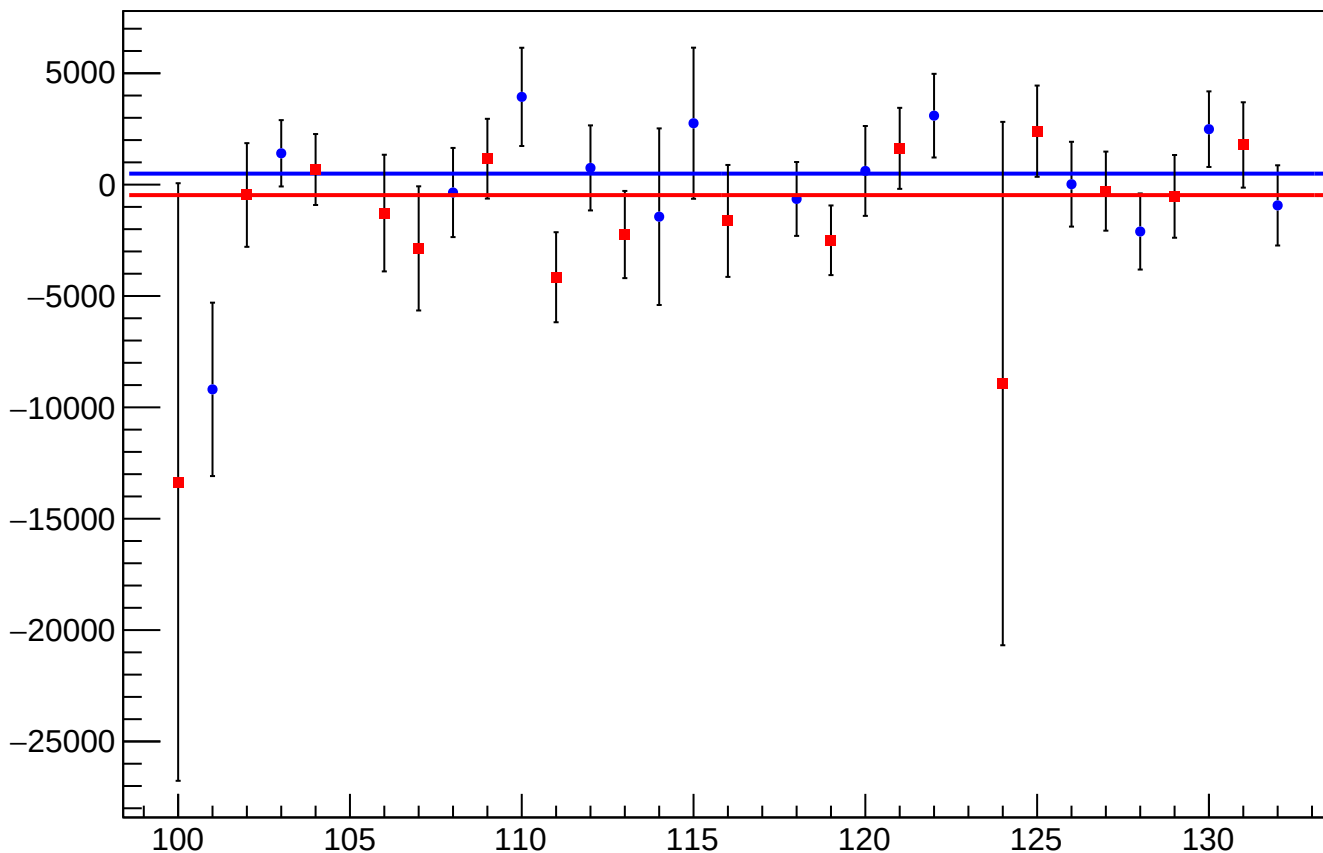
Right: 1300.739+/-0.269 χ^2/NDF : 736355.0/29

In: 1299.877+/-0.386 χ^2/NDF :459873.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1300.739+/-0.269 χ^2/NDF : 736355.0/29

cor_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 493.780+/-529.749 χ^2/NDF : 16.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -470.494+/-521.911 χ^2/NDF : 14.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

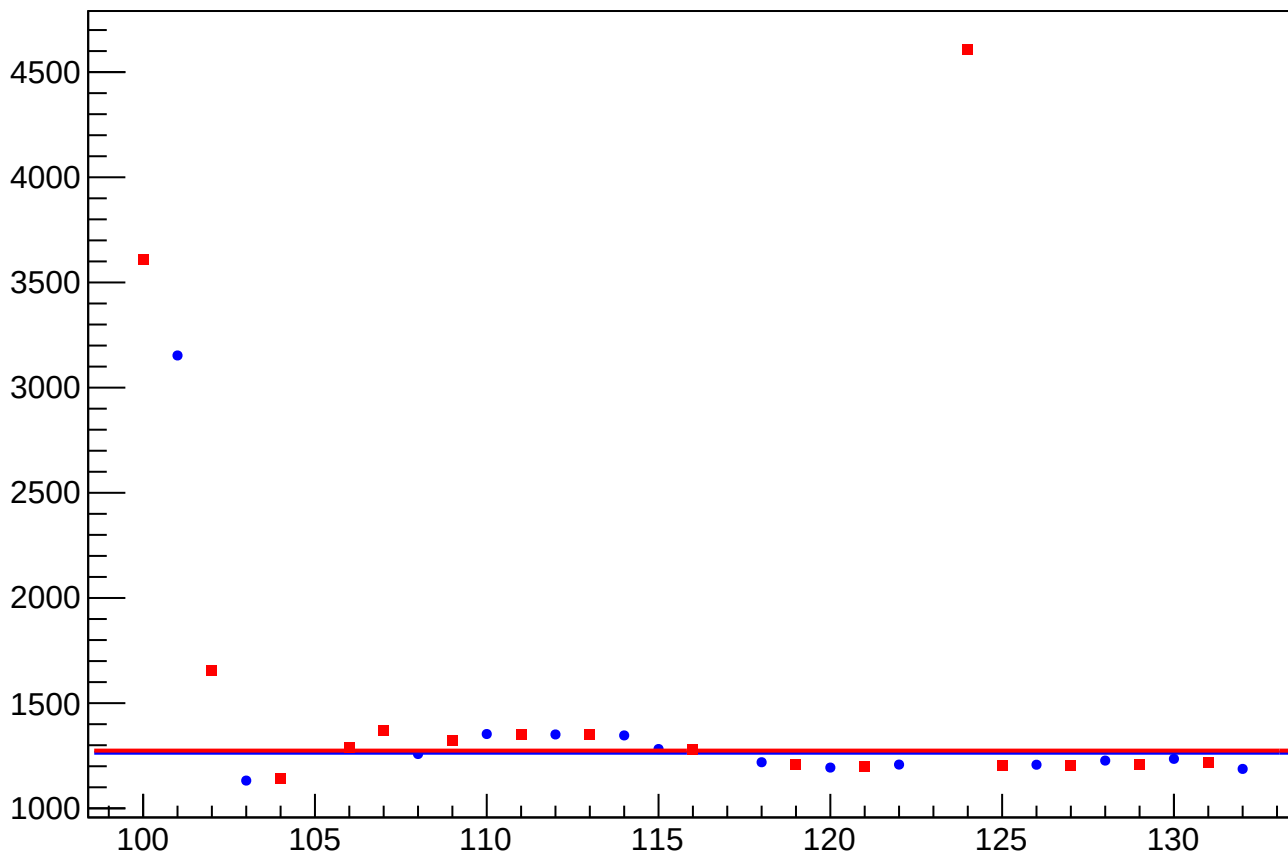
Right: 4.456+/-371.787 χ^2/NDF : 32.7/29

In: 493.780+/-529.749 χ^2/NDF : 16.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.456+/-371.787 χ^2/NDF : 32.7/29

cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1264.375+/-0.375 χ^2/NDF : 507495.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1274.394+/-0.369 χ^2/NDF : 316320.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

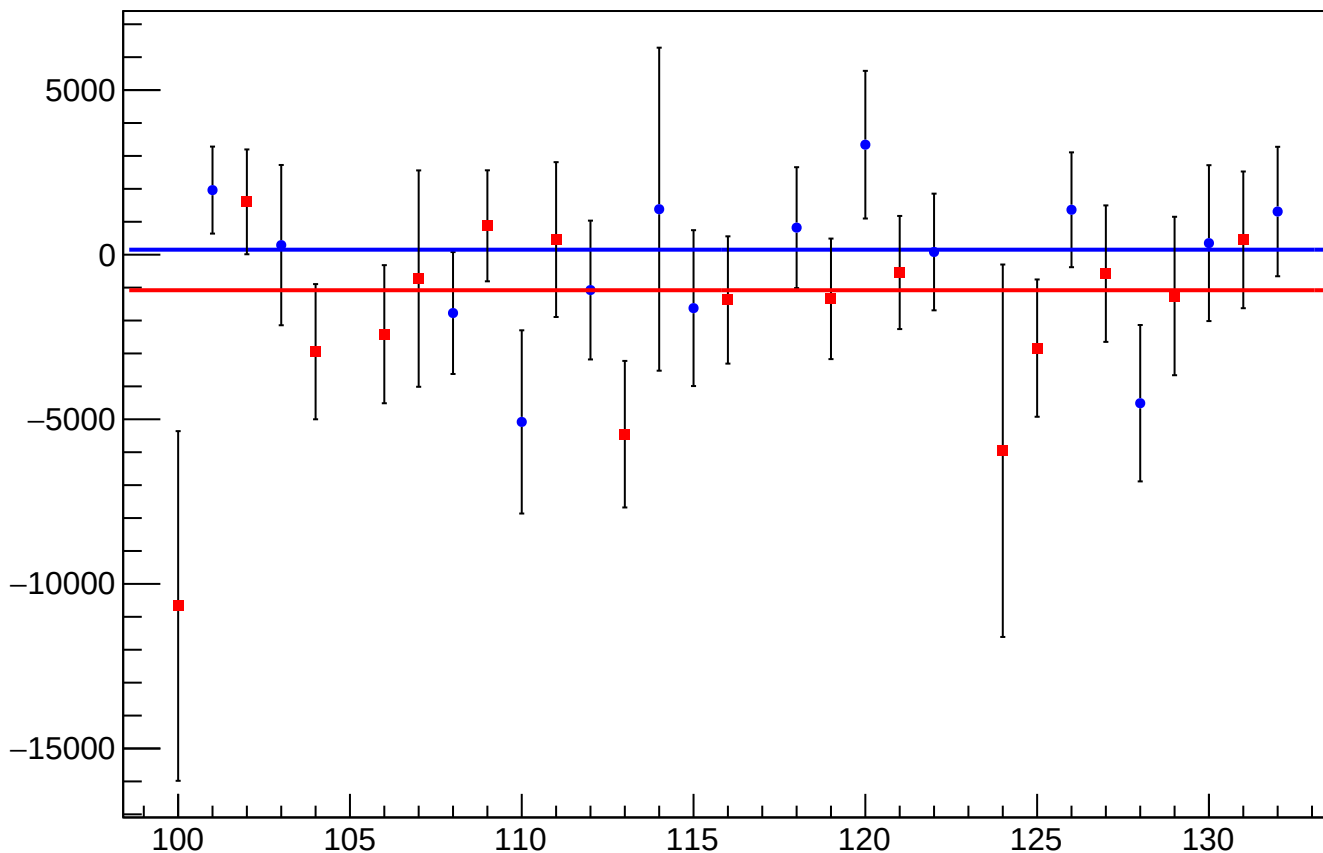
Right: 1269.459+/-0.263 χ^2/NDF : 824178.8/29

In: 1264.375+/-0.375 χ^2/NDF : 507495.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1269.459+/-0.263 χ^2/NDF : 824178.8/29

asym_atl_dd_atr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 151.977+/-545.213 χ^2/NDF : 14.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1079.643+/-532.664 χ^2/NDF : 15.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

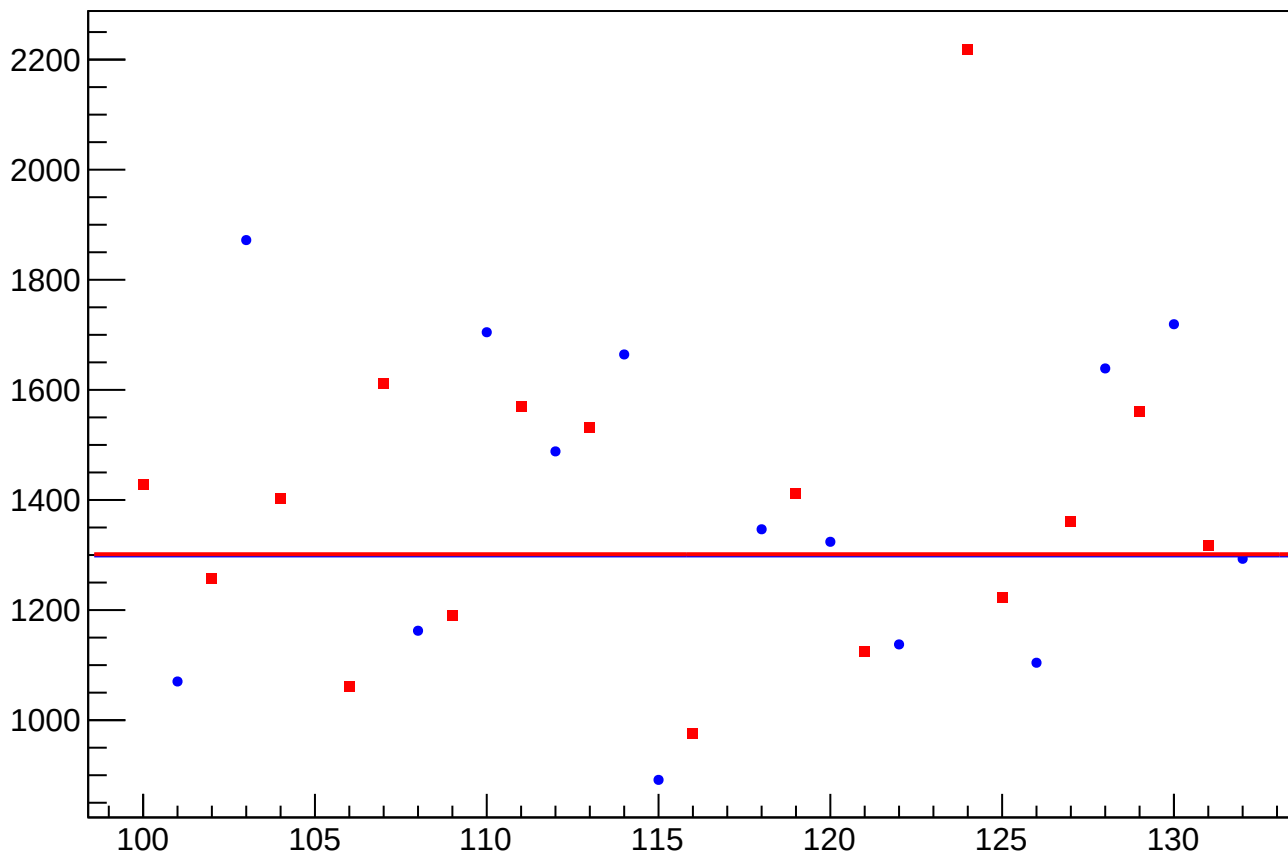
Right: -478.170+/-381.010 χ^2/NDF : 32.1/29

In: 151.977+/-545.213 χ^2/NDF : 14.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -478.170+/-381.010 χ^2/NDF : 32.1/29

asym_atl_dd_atr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1299.268+/-0.386 χ^2/NDF : 457723.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1301.447+/-0.377 χ^2/NDF : 273594.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

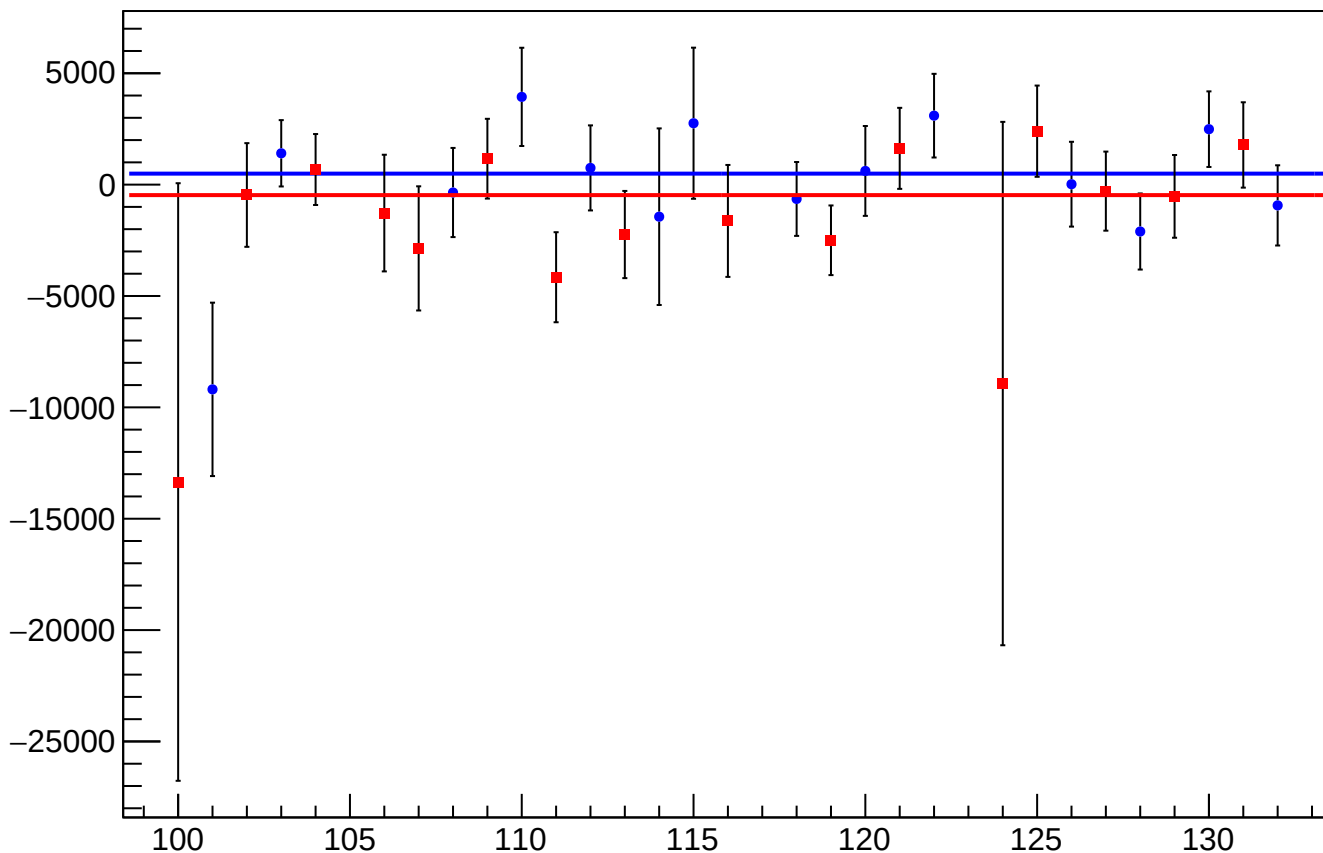
Right: 1300.383+/-0.269 χ^2/NDF : 731333.7/29

In: 1299.268+/-0.386 χ^2/NDF : 457723.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1300.383+/-0.269 χ^2/NDF : 731333.7/29

eigen_cor_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 493.780+/-529.749 χ^2/NDF : 16.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -470.494+/-521.911 χ^2/NDF : 14.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

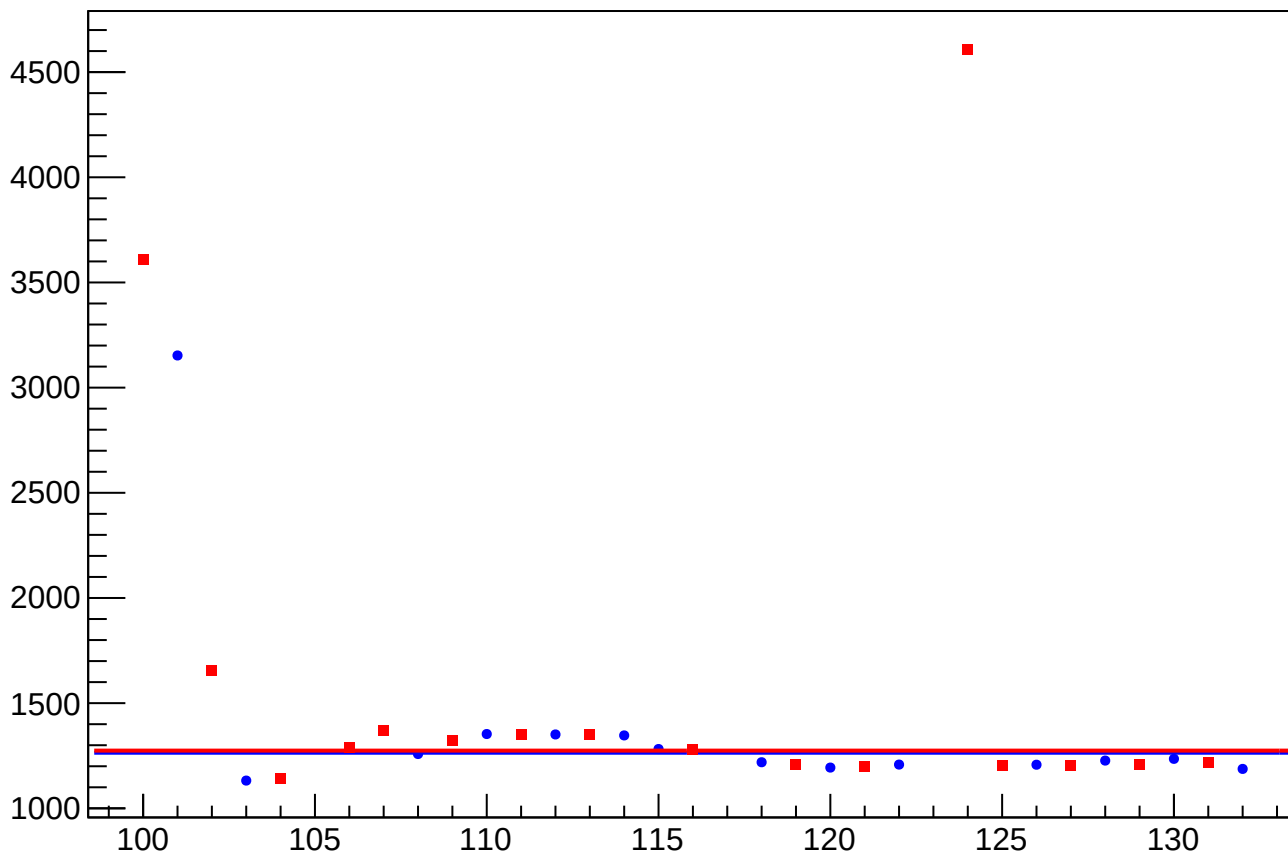
Right: 4.456+/-371.787 χ^2/NDF : 32.7/29

In: 493.780+/-529.749 χ^2/NDF : 16.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.456+/-371.787 χ^2/NDF : 32.7/29

eigen_cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1264.375+/-0.375 χ^2/NDF : 507495.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1274.394+/-0.369 χ^2/NDF : 316320.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

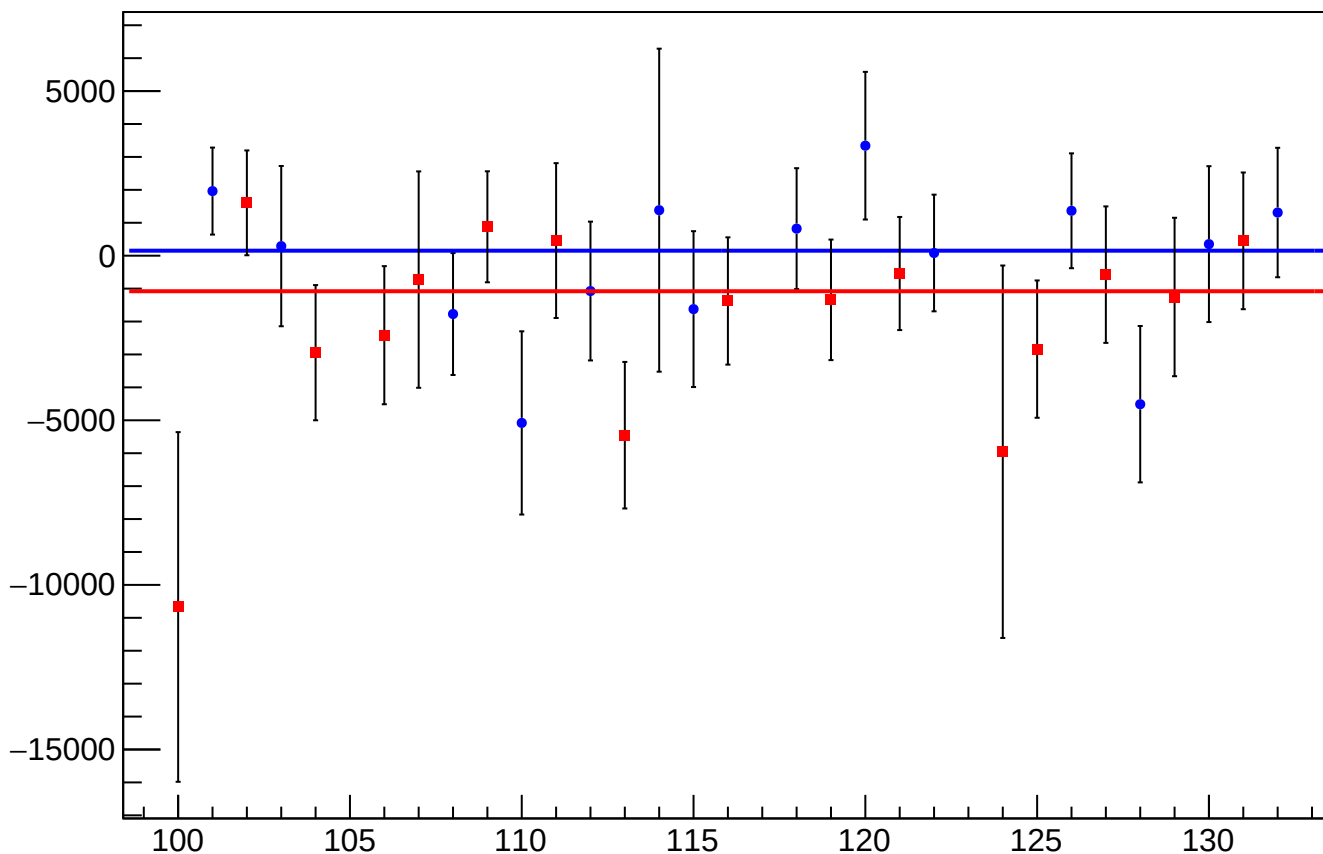
Right: 1269.459+/-0.263 χ^2/NDF : 824178.8/29

In: 1264.375+/-0.375 χ^2/NDF : 507495.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1269.459+/-0.263 χ^2/NDF : 824178.8/29

asym_atl_dd_atr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 151.977+/-545.213 χ^2/NDF : 14.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1079.643+/-532.664 χ^2/NDF : 15.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

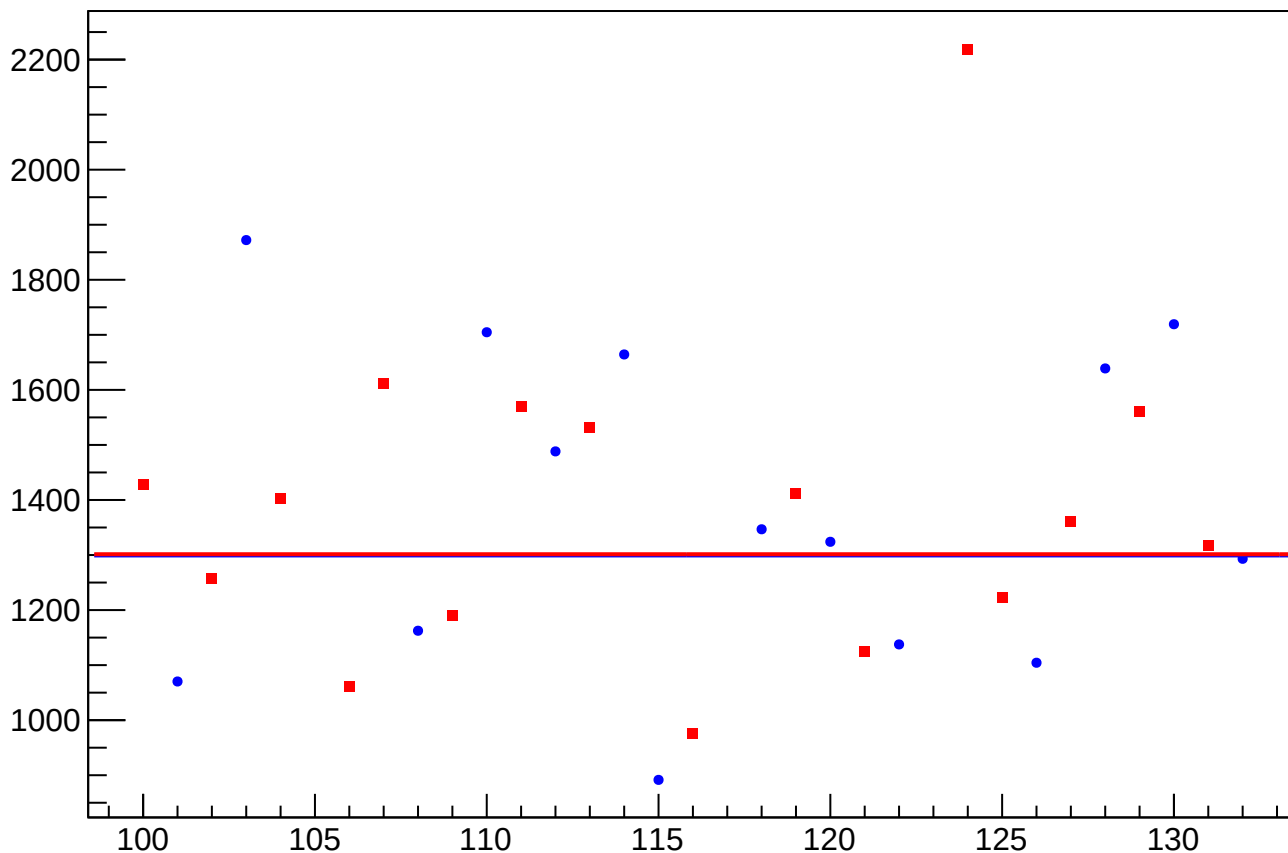
Right: -478.170+/-381.010 χ^2/NDF : 32.1/29

In: 151.977+/-545.213 χ^2/NDF : 14.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -478.170+/-381.010 χ^2/NDF : 32.1/29

asym_atl_dd_atr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1299.268+/-0.386 χ^2/NDF : 457723.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1301.447+/-0.377 χ^2/NDF : 273594.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

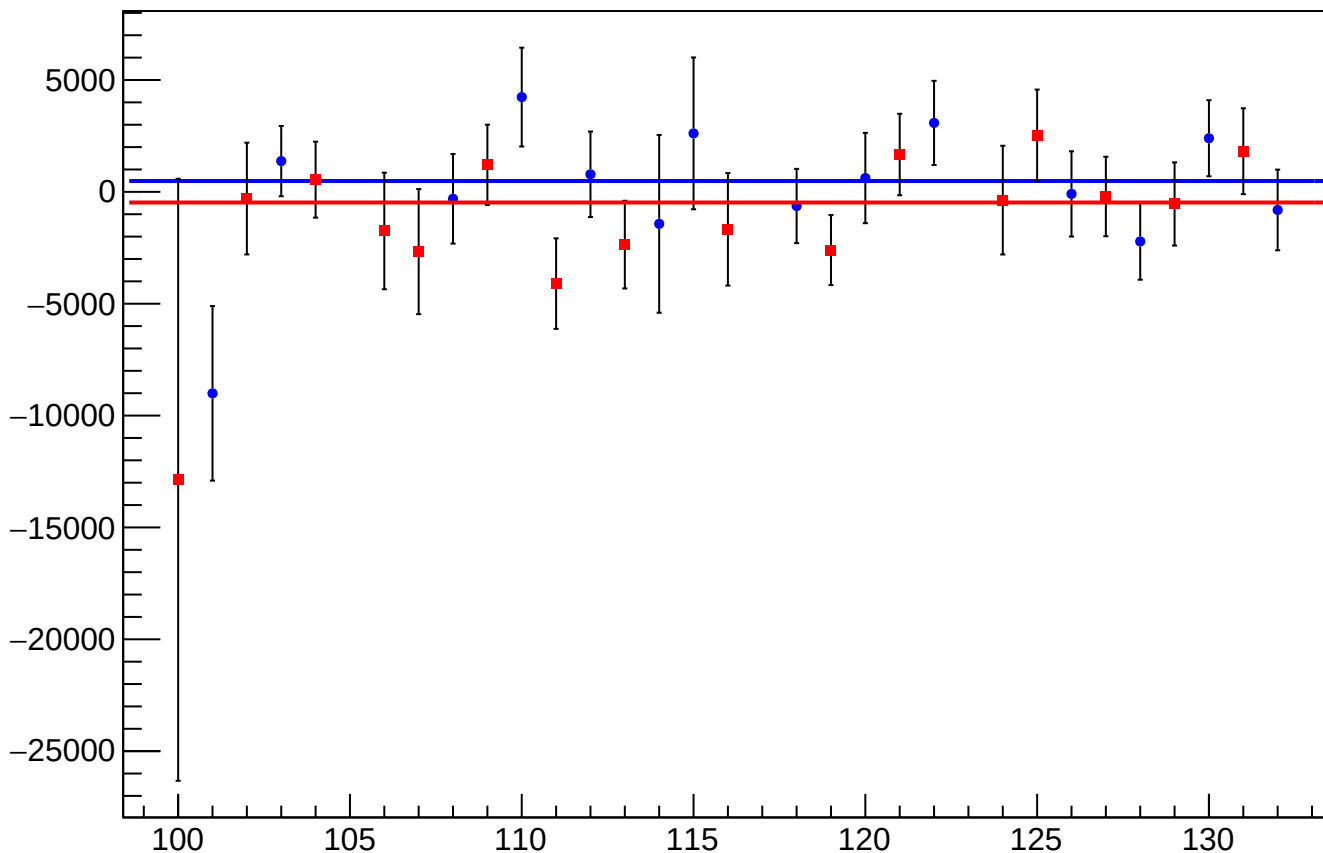
Right: 1300.383+/-0.269 χ^2/NDF : 731333.7/29

In: 1299.268+/-0.386 χ^2/NDF :457723.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1300.383+/-0.269 χ^2/NDF : 731333.7/29

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 484.146 $\pm$ 533.703 χ^2 /NDF: 16.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -475.744 $\pm$ 515.990 χ^2 /NDF: 14.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

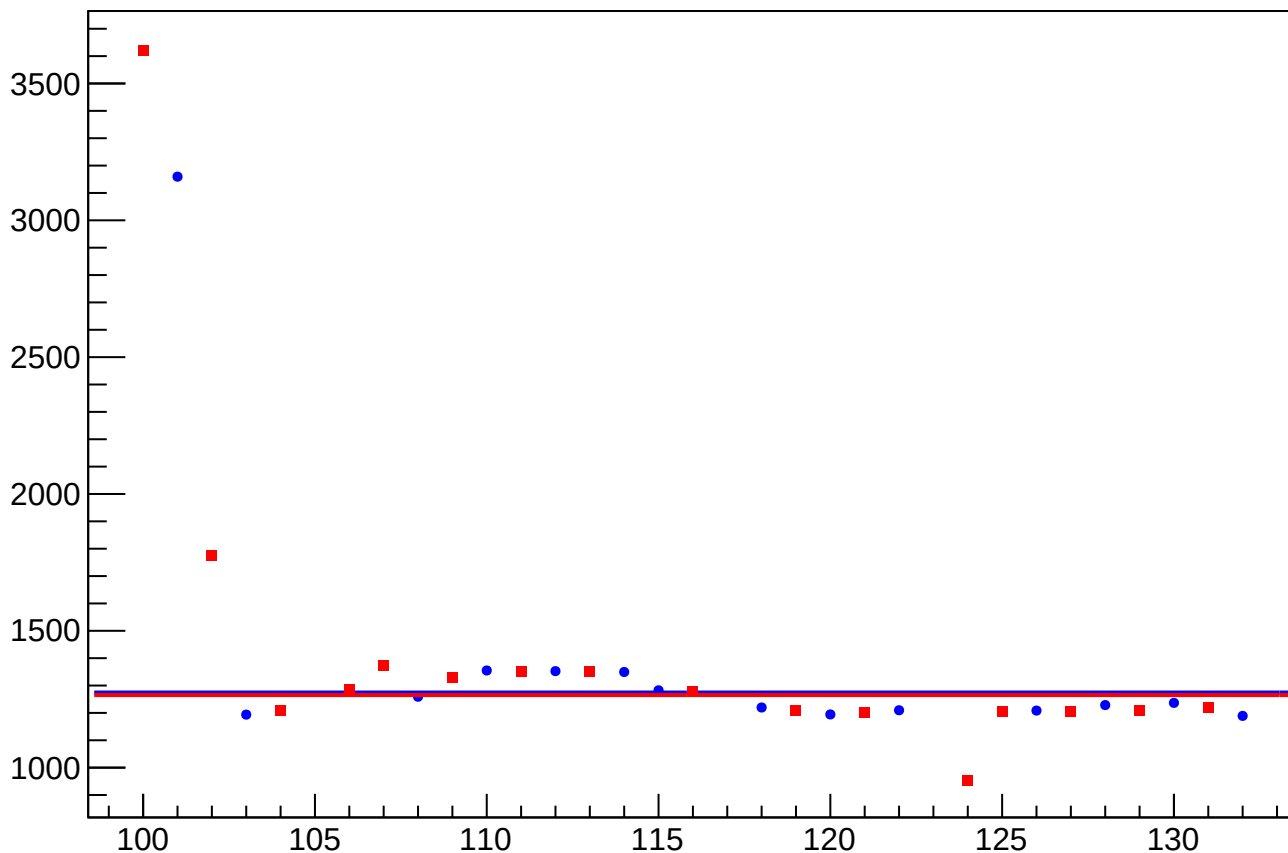
Right: -11.991 $\pm$ 370.964 χ^2 /NDF: 32.5/29

In: 484.146 $\pm$ 533.703 χ^2 /NDF:16.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -11.991 $\pm$ 370.964 χ^2 /NDF: 32.5/29

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1274.401+/-0.377 χ^2/NDF : 496027.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1265.165+/-0.365 χ^2/NDF : 205753.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

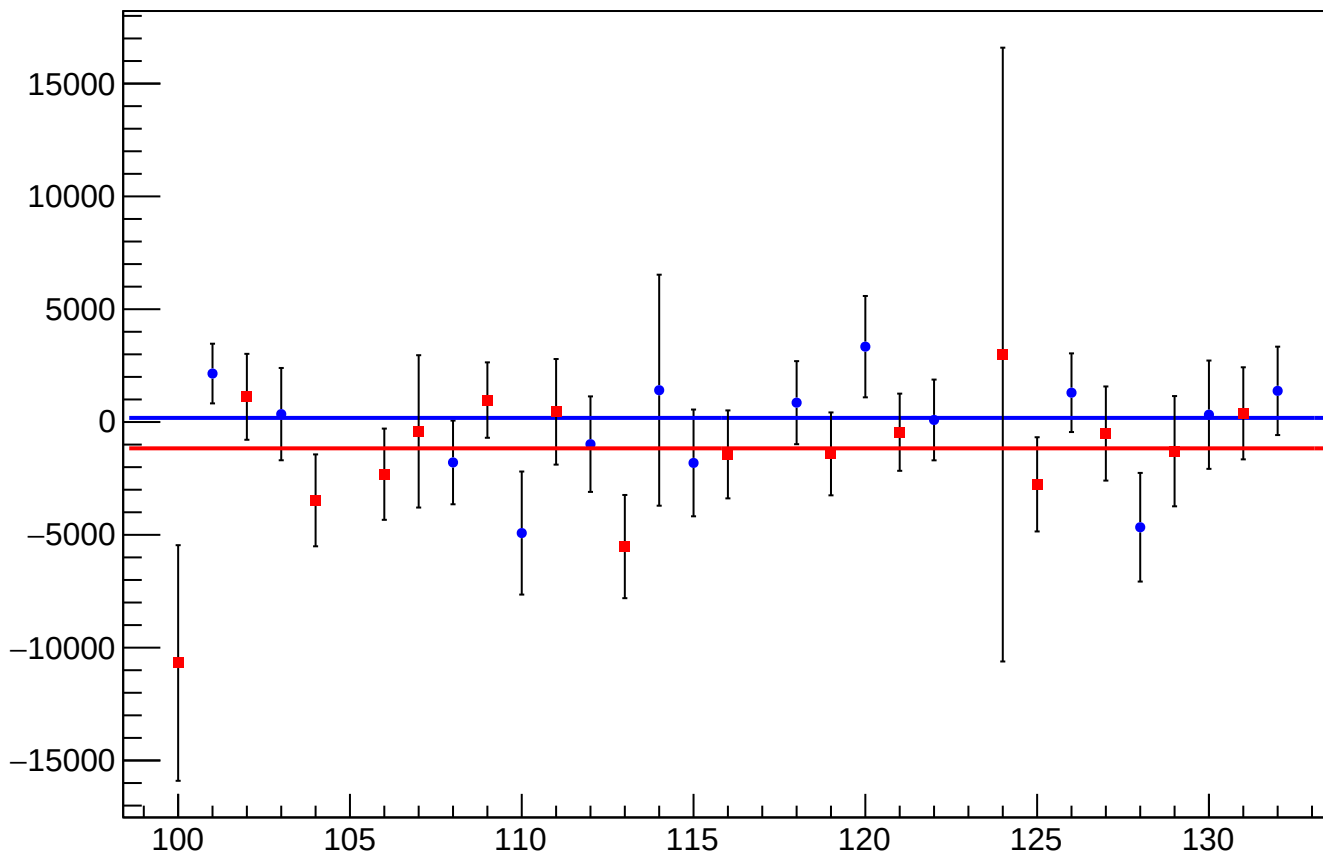
Right: 1269.627+/-0.262 χ^2/NDF : 702090.4/29

In: 1274.401+/-0.377 χ^2/NDF : 496027.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1269.627+/-0.262 χ^2/NDF : 702090.4/29

asym_atl_dd_atr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 182.742 $\pm$ 540.951 χ^2 /NDF: 14.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1166.315 $\pm$ 543.024 χ^2 /NDF: 13.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

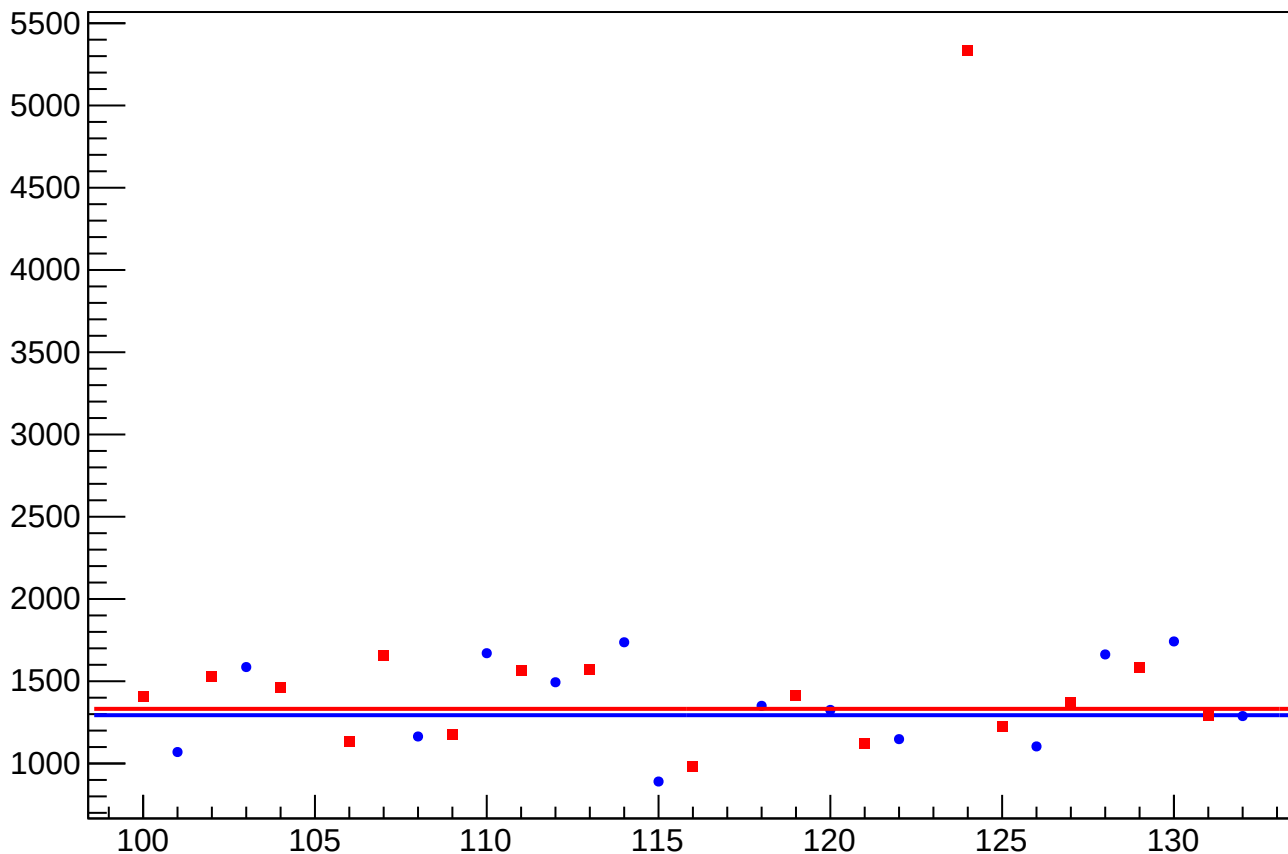
Right: -489.206 $\pm$ 383.241 χ^2 /NDF: 31.7/29

In: 182.742 $\pm$ 540.951 χ^2 /NDF:14.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -489.206 $\pm$ 383.241 χ^2 /NDF: 31.7/29

asym_atl_dd_atr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1293.614+/-0.383 χ^2/NDF : 393312.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1332.194+/-0.384 χ^2/NDF : 427727.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

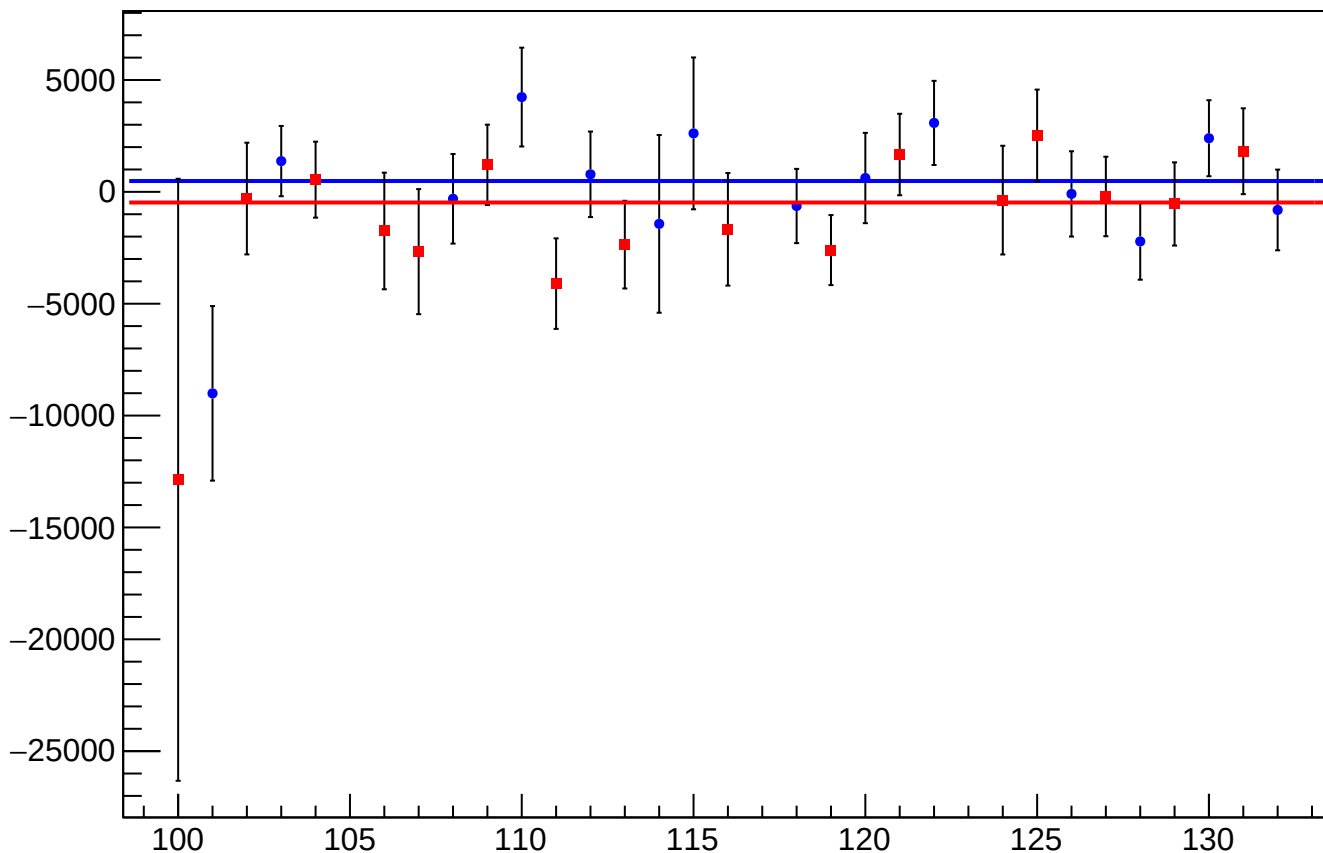
Right: 1312.830+/-0.271 χ^2/NDF : 826106.2/29

In: 1293.614+/-0.383 χ^2/NDF : 393312.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1312.830+/-0.271 χ^2/NDF : 826106.2/29

eigen_dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 484.143+/-533.703 χ^2/NDF : 16.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -475.744+/-515.990 χ^2/NDF : 14.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

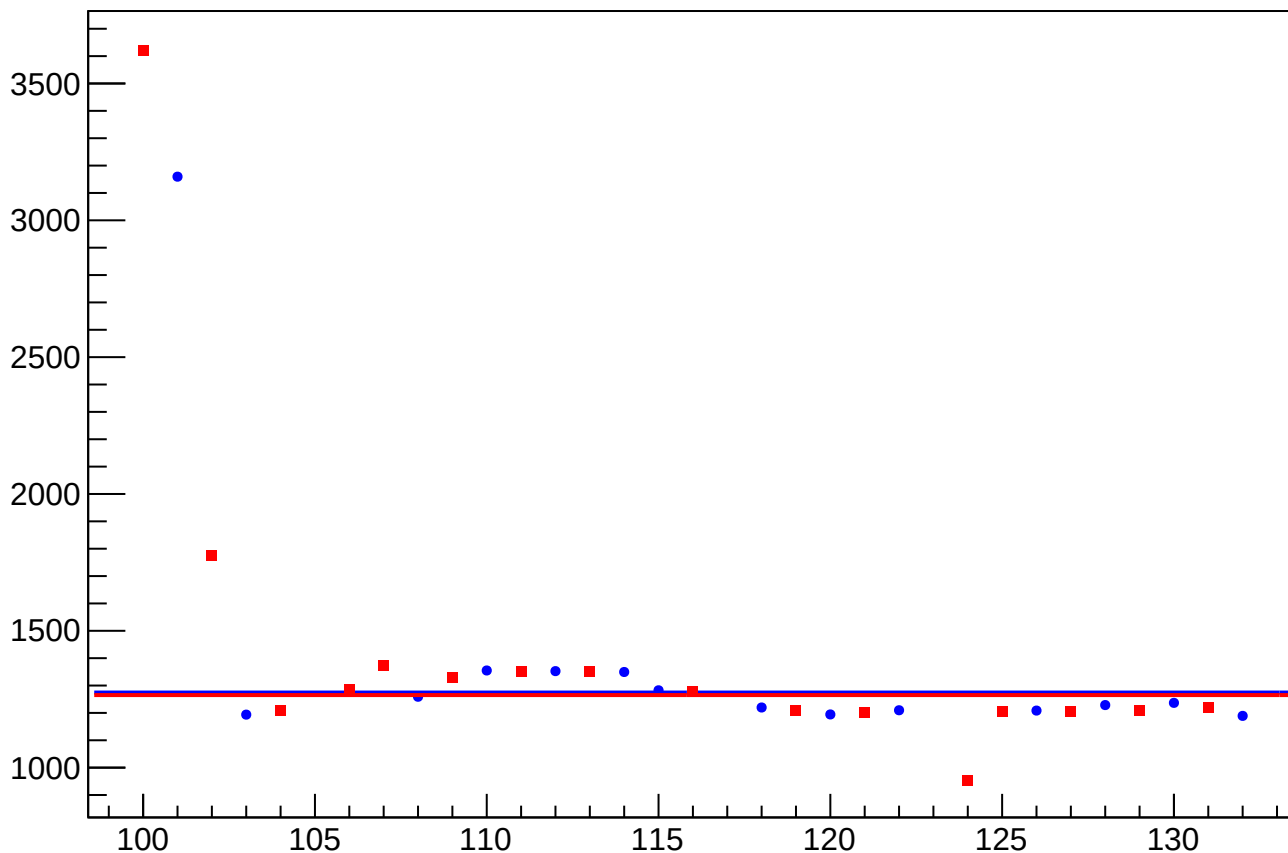
Right: -11.993+/-370.964 χ^2/NDF : 32.5/29

In: 484.143+/-533.703 χ^2/NDF : 16.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.993+/-370.964 χ^2/NDF : 32.5/29

eigen_dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1274.401+/-0.377 χ^2/NDF : 496027.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1265.165+/-0.365 χ^2/NDF : 205753.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

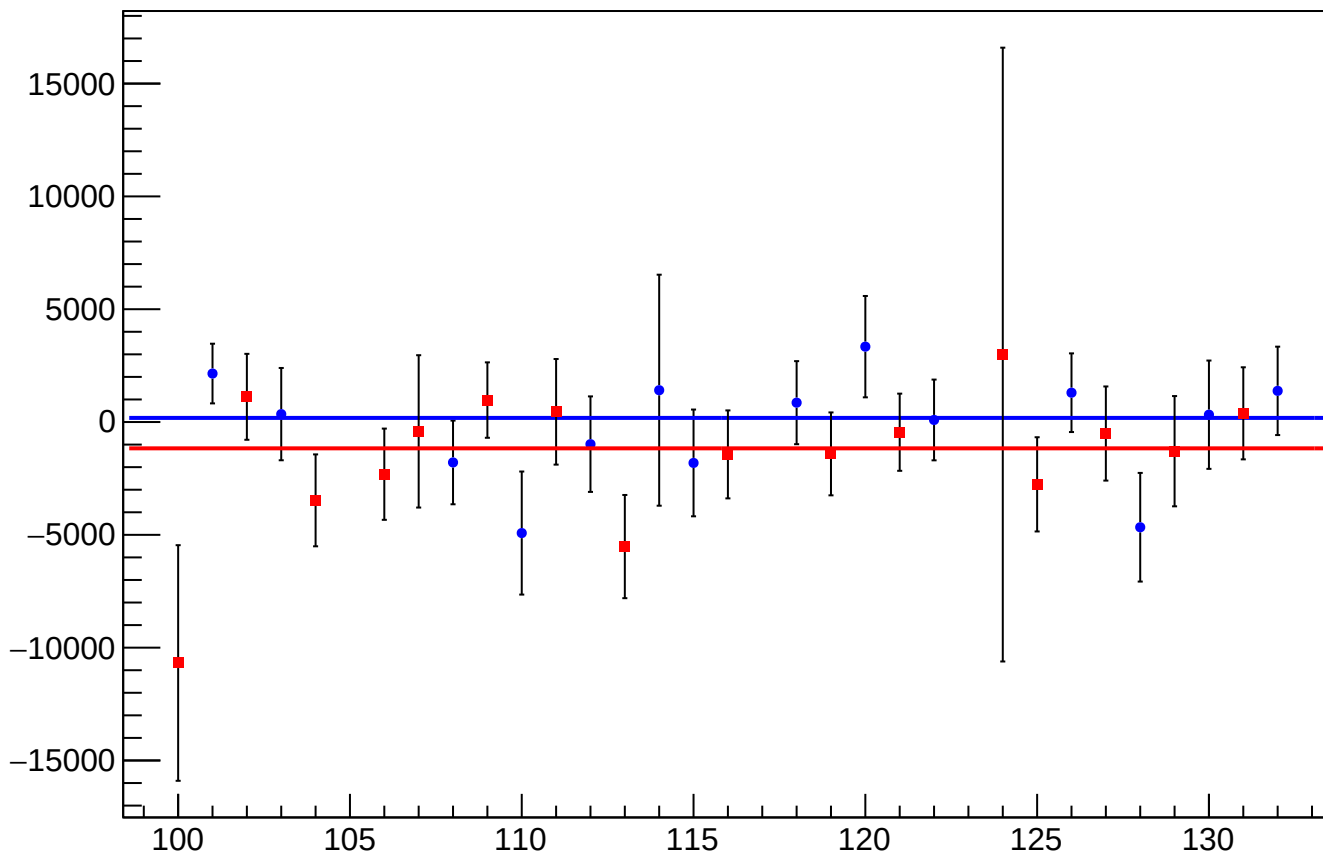
Right: 1269.627+/-0.262 χ^2/NDF : 702090.4/29

In: 1274.401+/-0.377 χ^2/NDF : 496027.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1269.627+/-0.262 χ^2/NDF : 702090.4/29

asym_atl_dd_atr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 182.742 $\pm$ 540.949 χ^2 /NDF: 14.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1166.315 $\pm$ 543.023 χ^2 /NDF: 13.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

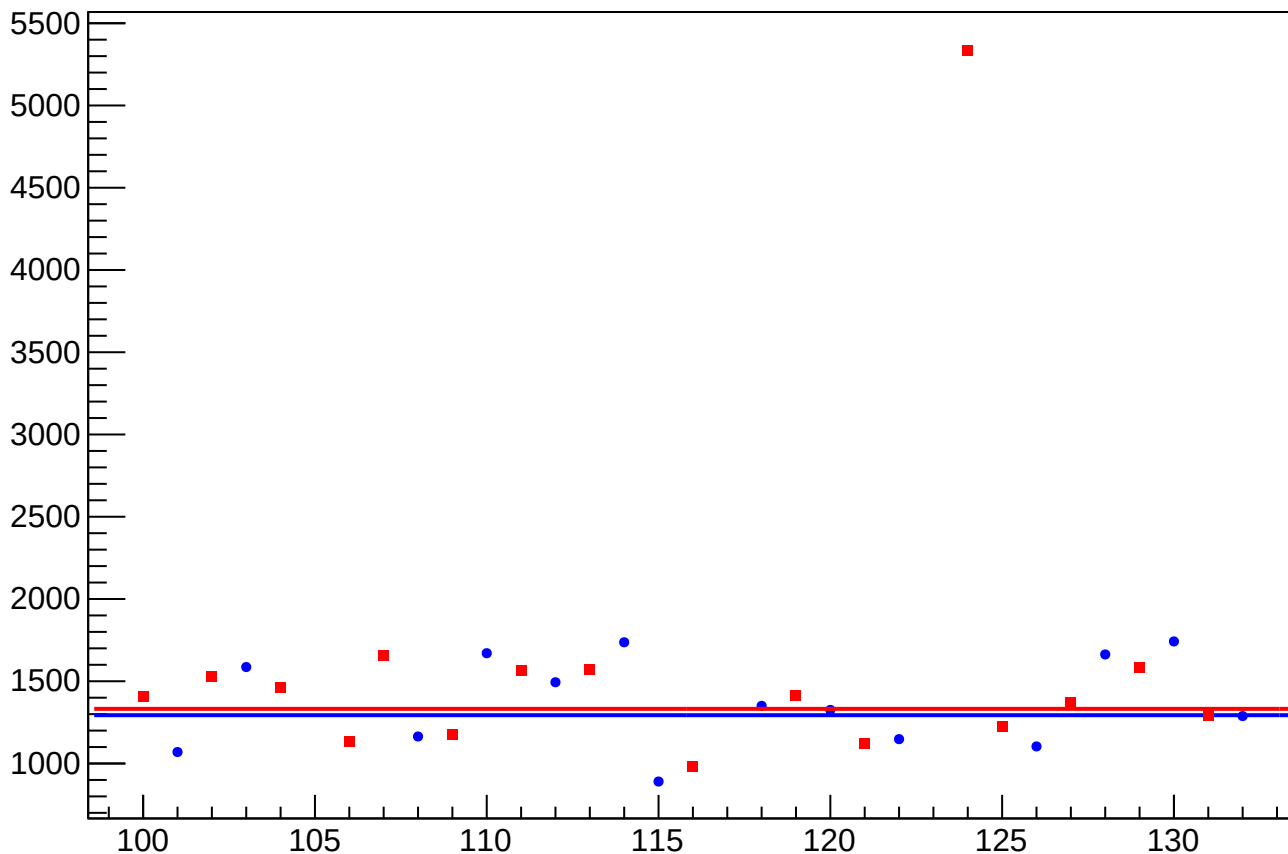
Right: -489.205 $\pm$ 383.240 χ^2 /NDF: 31.7/29

In: 182.742 $\pm$ 540.949 χ^2 /NDF:14.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -489.205 $\pm$ 383.240 χ^2 /NDF: 31.7/29

asym_atl_dd_atr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1293.609+/-0.383 χ^2/NDF : 393316.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1332.193+/-0.384 χ^2/NDF : 427727.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

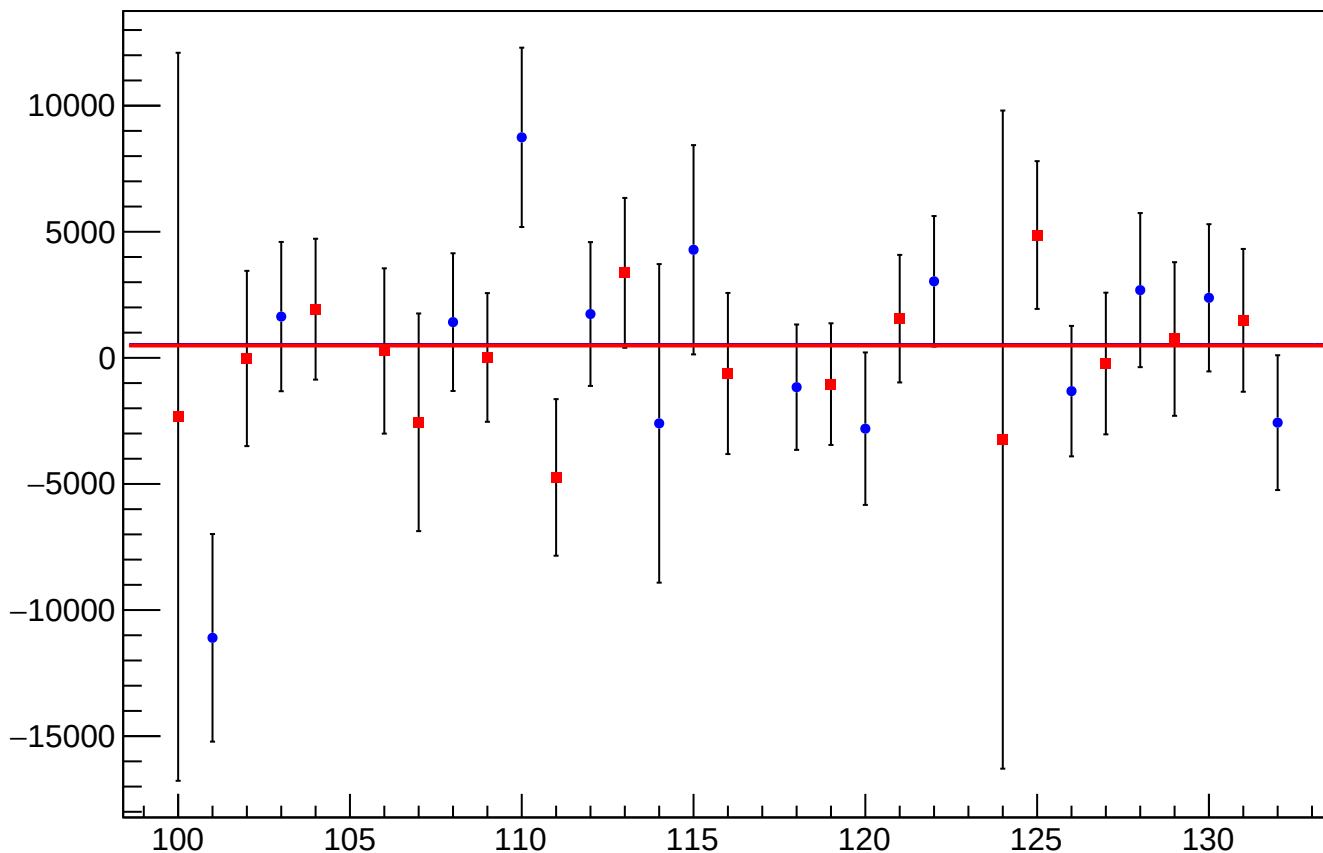
Right: 1312.827+/-0.271 χ^2/NDF : 826111.8/29

In: 1293.609+/-0.383 χ^2/NDF : 393316.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1312.827+/-0.271 χ^2/NDF : 826111.8/29

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 510.322+/-809.248 χ^2/NDF : 20.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 490.136+/-780.642 χ^2/NDF : 7.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

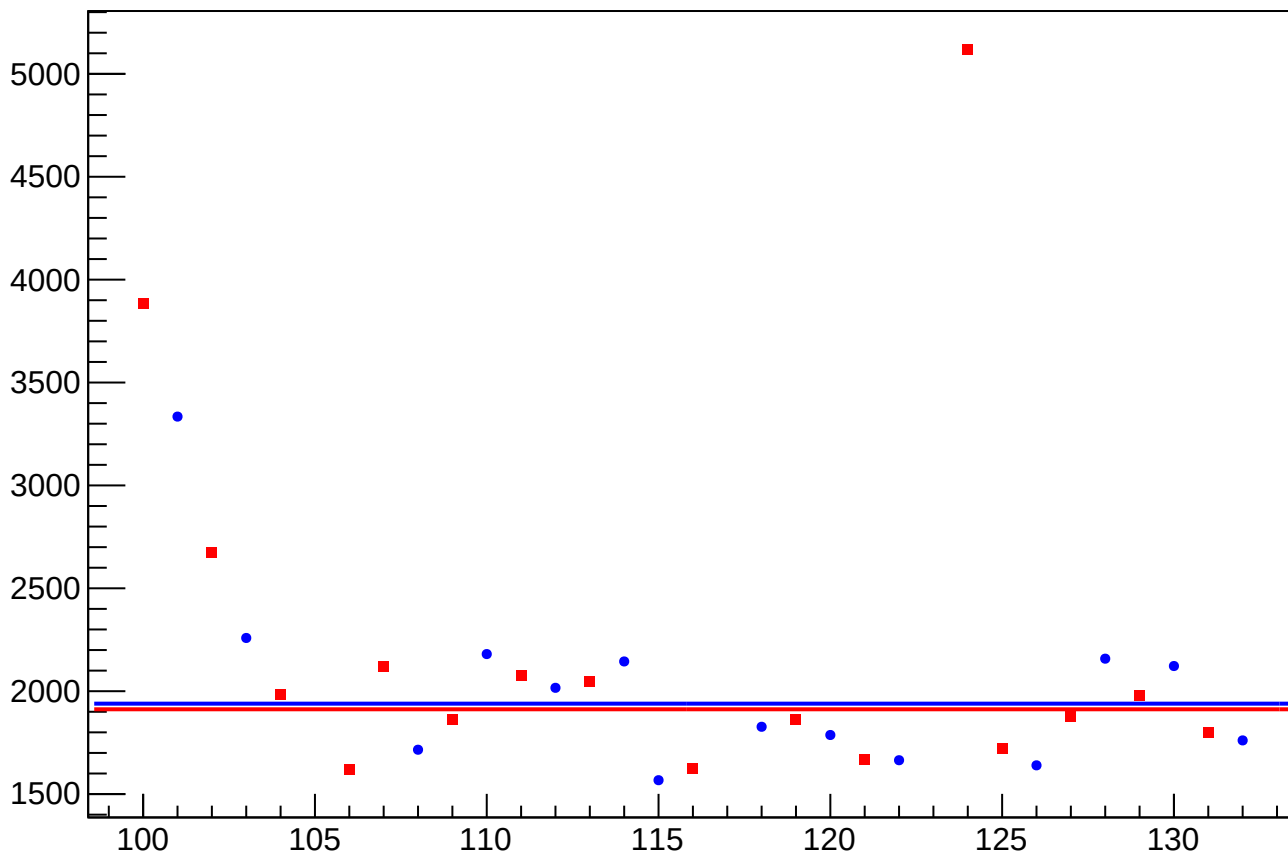
Right: 499.866+/-561.838 χ^2/NDF : 28.0/29

In: 510.322+/-809.248 χ^2/NDF : 20.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 499.866+/-561.838 χ^2/NDF : 28.0/29

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1939.467+/-0.572 χ^2/NDF : 380834.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1912.089+/-0.552 χ^2/NDF : 335714.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

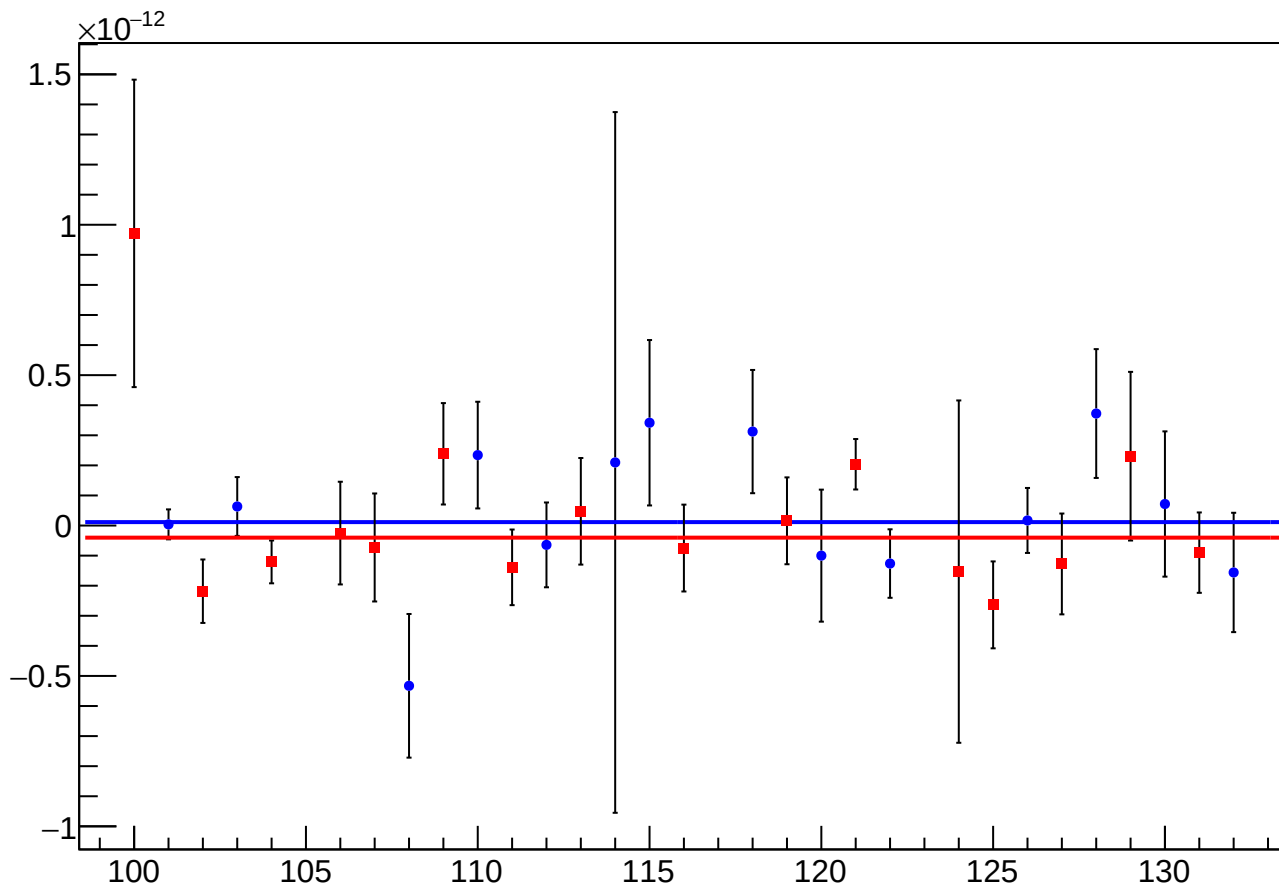
Right: 1925.286+/-0.397 χ^2/NDF : 717734.6/29

In: 1939.467+/-0.572 χ^2/NDF : 380834.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1925.286+/-0.397 χ^2/NDF : 717734.6/29

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 24.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

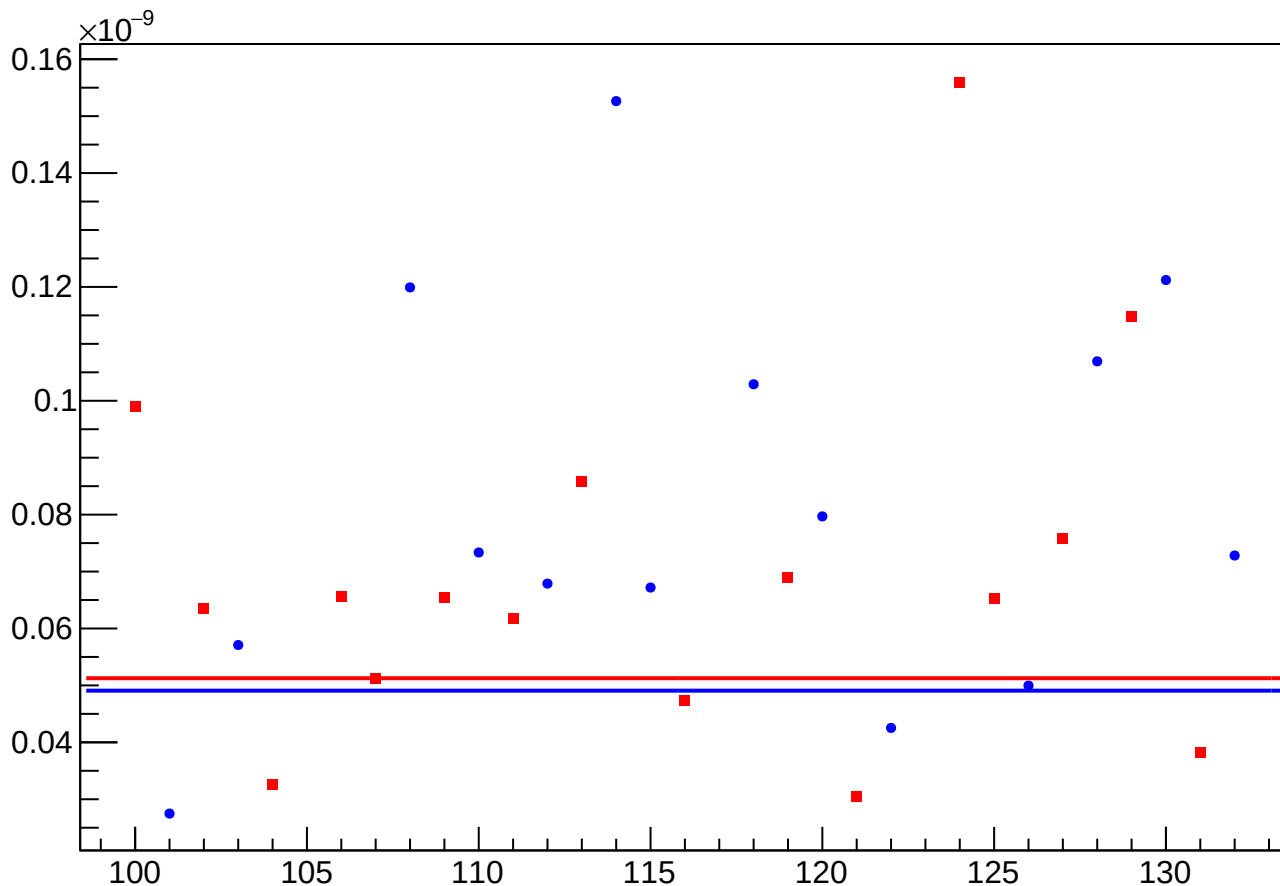
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 41.7/29

In: 0.000 $\pm$ 0.000 χ^2 /NDF:16.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 41.7/29

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1199741.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 704491.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

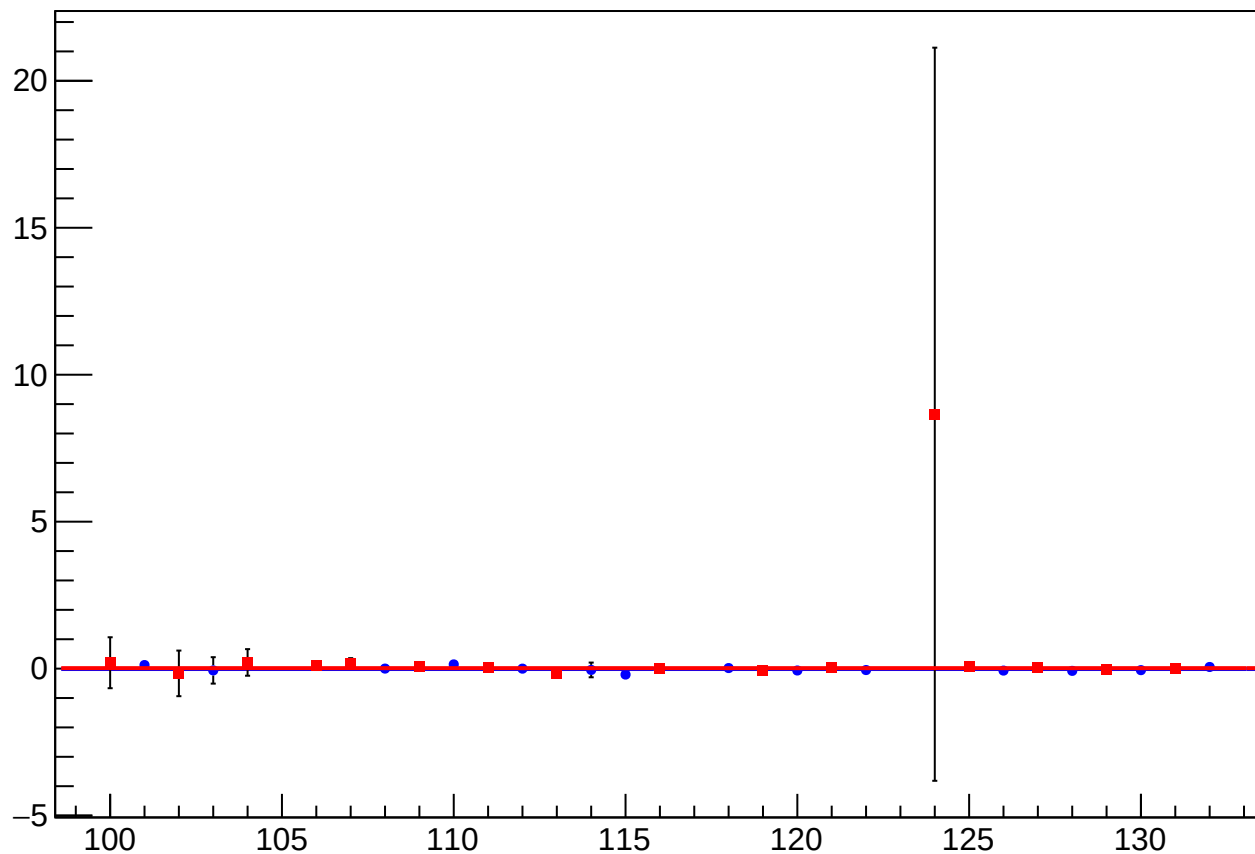
Right: 0.000+/-0.000 χ^2/NDF : 1908476.9/29

In: 0.000+/-0.000 χ^2/NDF : 1199741.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1908476.9/29

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 ± 0.020 χ^2/NDF : 13.6/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.017 ± 0.020 χ^2/NDF : 11.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

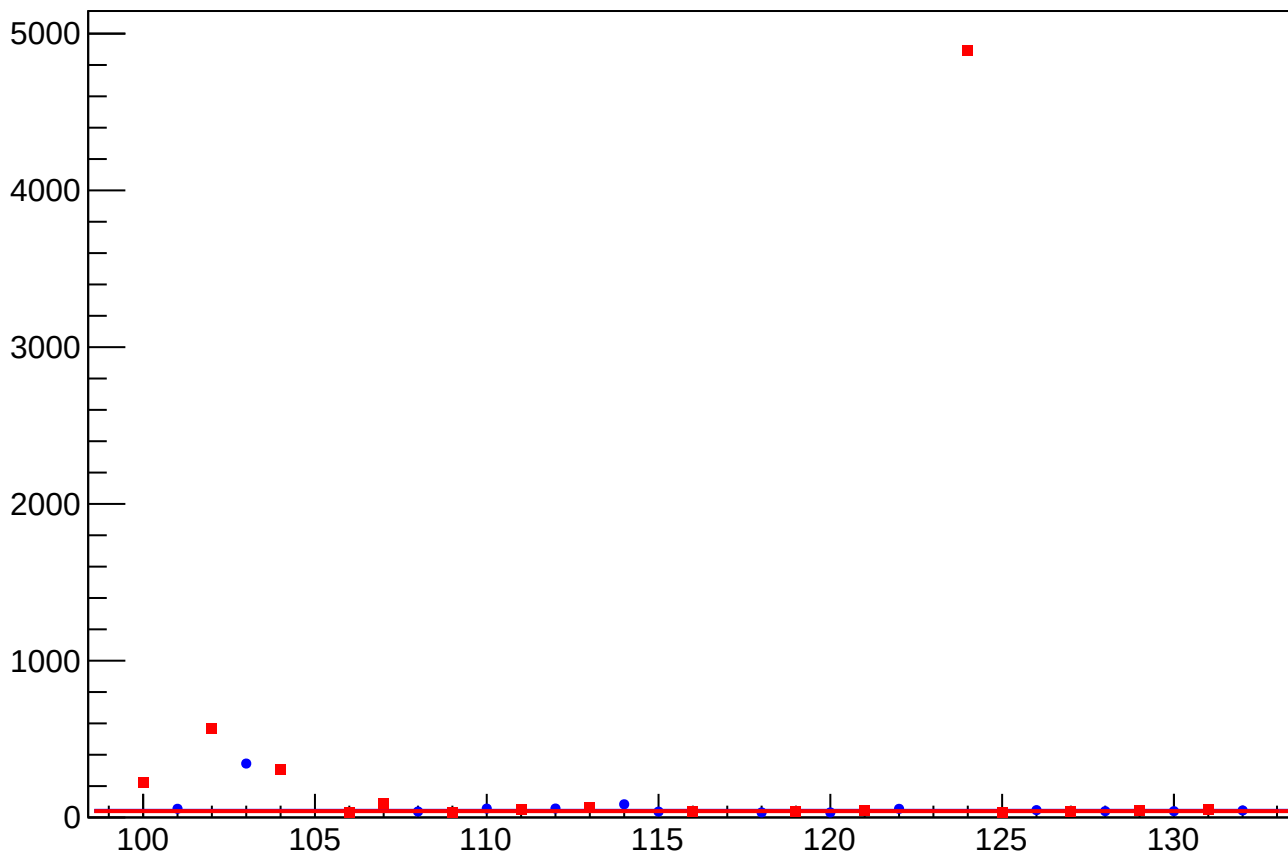
Right: 0.002 ± 0.014 χ^2/NDF : 25.8/29

In: -0.013 ± 0.020 χ^2/NDF : 13.6/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.002 ± 0.014 χ^2/NDF : 25.8/29

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.284+/-0.014 χ^2/NDF : 1356322.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.336+/-0.014 χ^2/NDF : 2449069.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

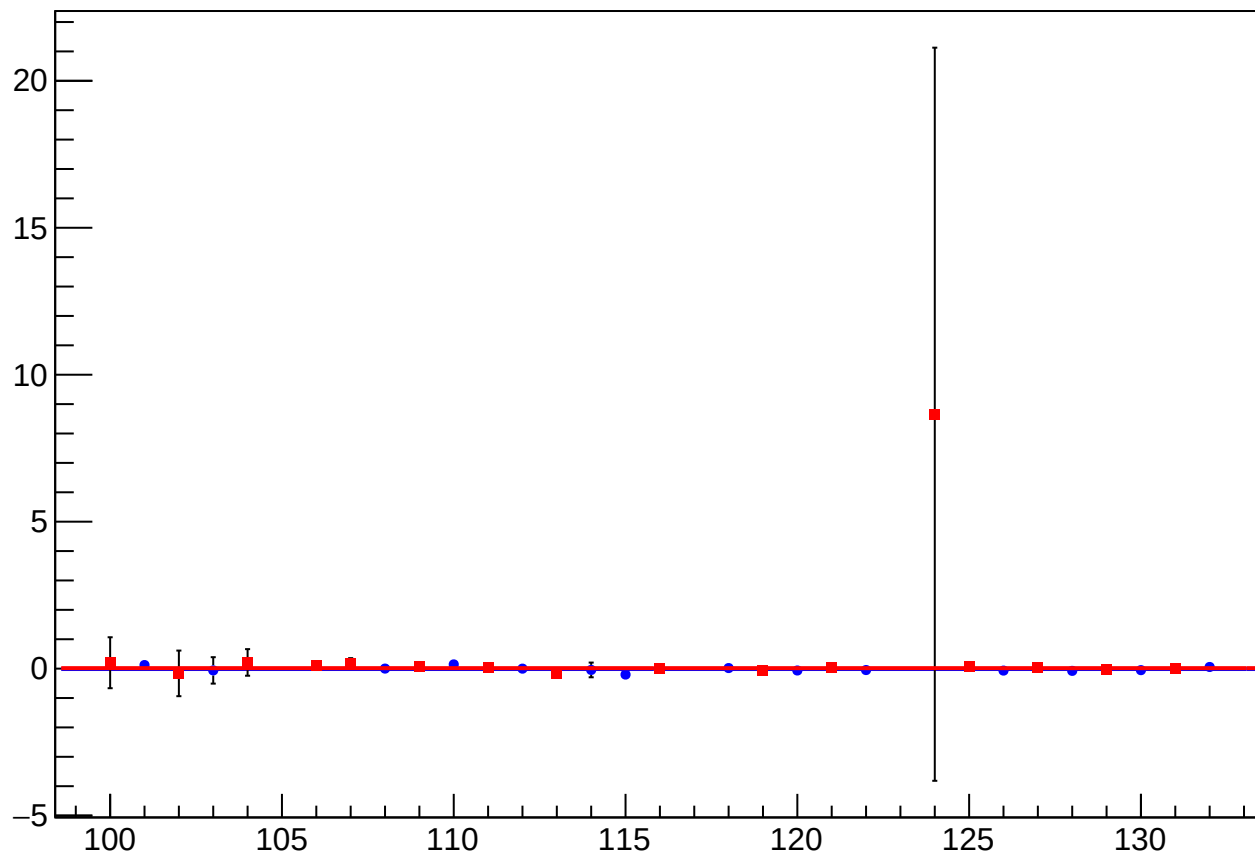
Right: 41.308+/-0.010 χ^2/NDF : 3815249.4/29

In: 42.284+/-0.014 χ^2/NDF : 1356322.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.308+/-0.010 χ^2/NDF : 3815249.4/29

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 ± 0.020 χ^2/NDF : 13.6/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.017 ± 0.020 χ^2/NDF : 11.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

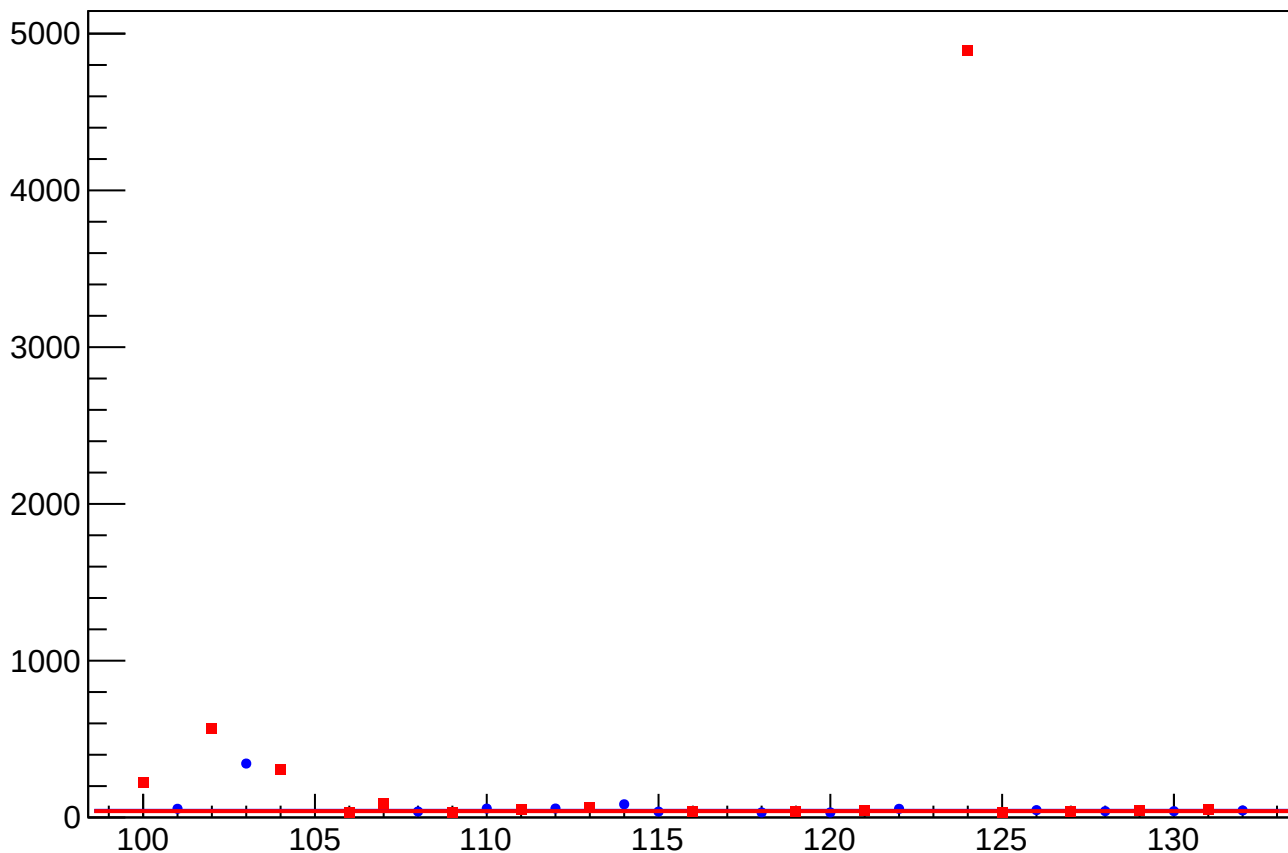
Right: 0.002 ± 0.014 χ^2/NDF : 25.8/29

In: -0.013 ± 0.020 χ^2/NDF : 13.6/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.002 ± 0.014 χ^2/NDF : 25.8/29

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.284 $\pm$ 0.014 χ^2 /NDF: 1356322.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 40.336 $\pm$ 0.014 χ^2 /NDF: 2449069.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

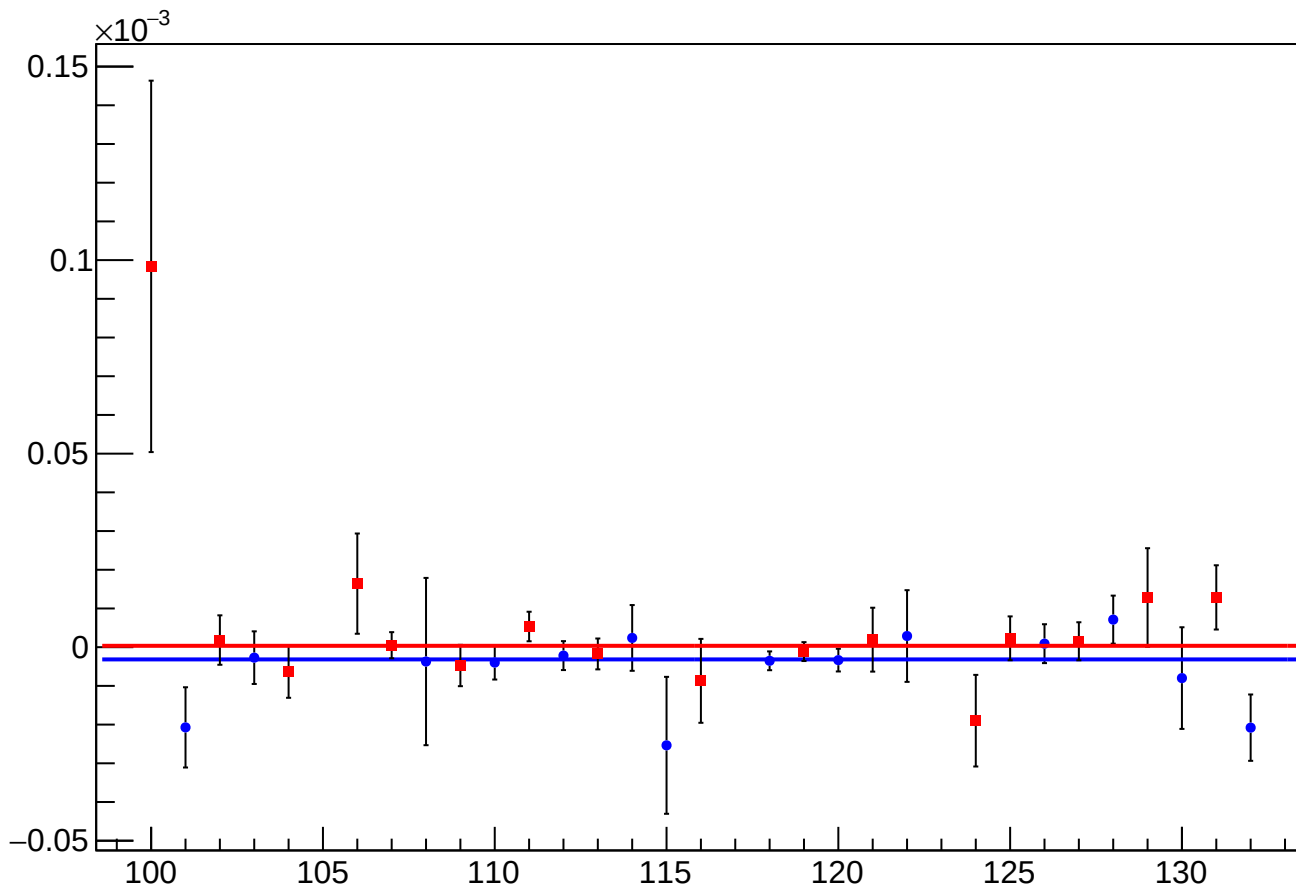
Right: 41.308 $\pm$ 0.010 χ^2 /NDF: 3815249.4/29

In: 42.284 $\pm$ 0.014 χ^2 /NDF: 1356322.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 41.308 $\pm$ 0.010 χ^2 /NDF: 3815249.4/29

asym_atl_dd_atr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

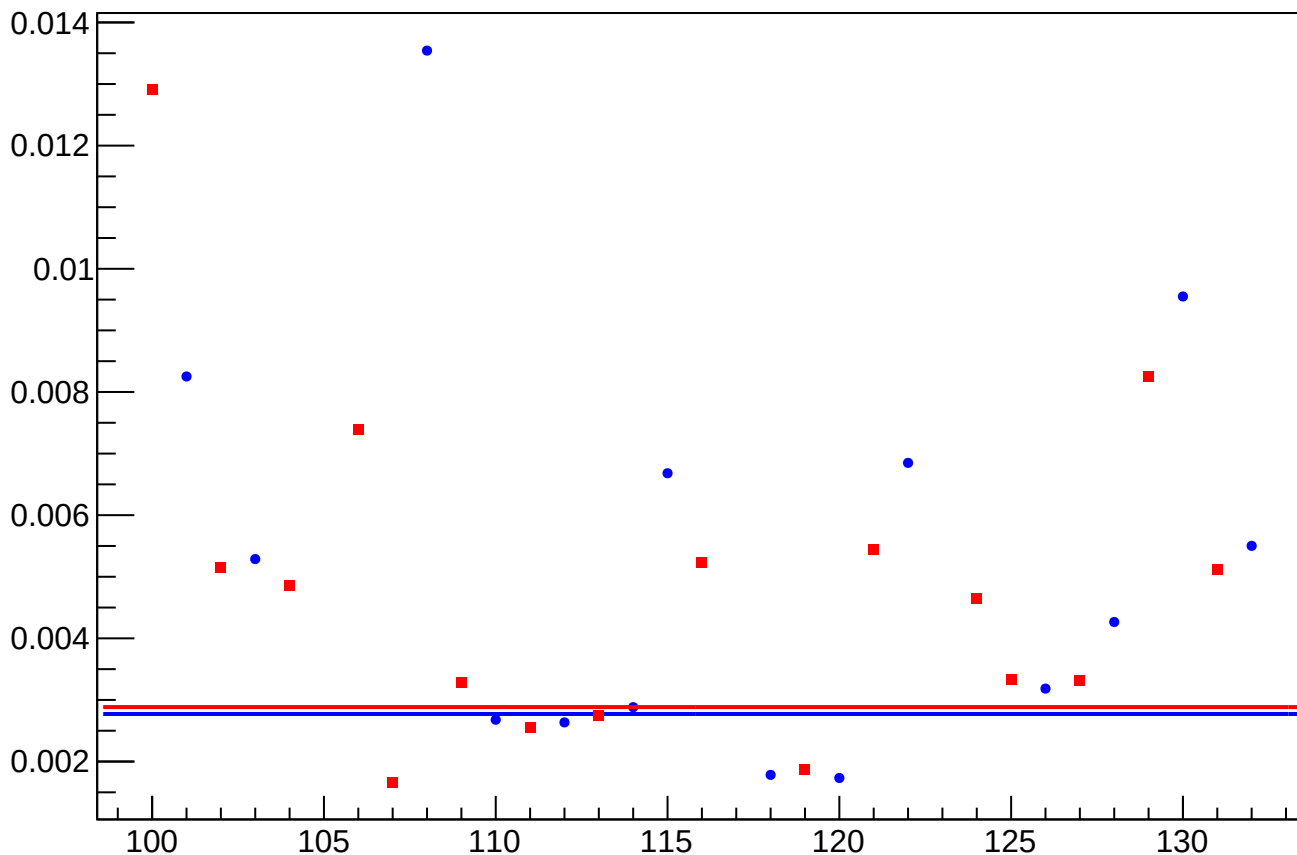
Right: -0.000+/-0.000 χ^2/NDF : 33.4/29

In: -0.000+/-0.000 χ^2/NDF : 13.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.4/29

asym_atl_dd_atr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 3115967.3/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2249298.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

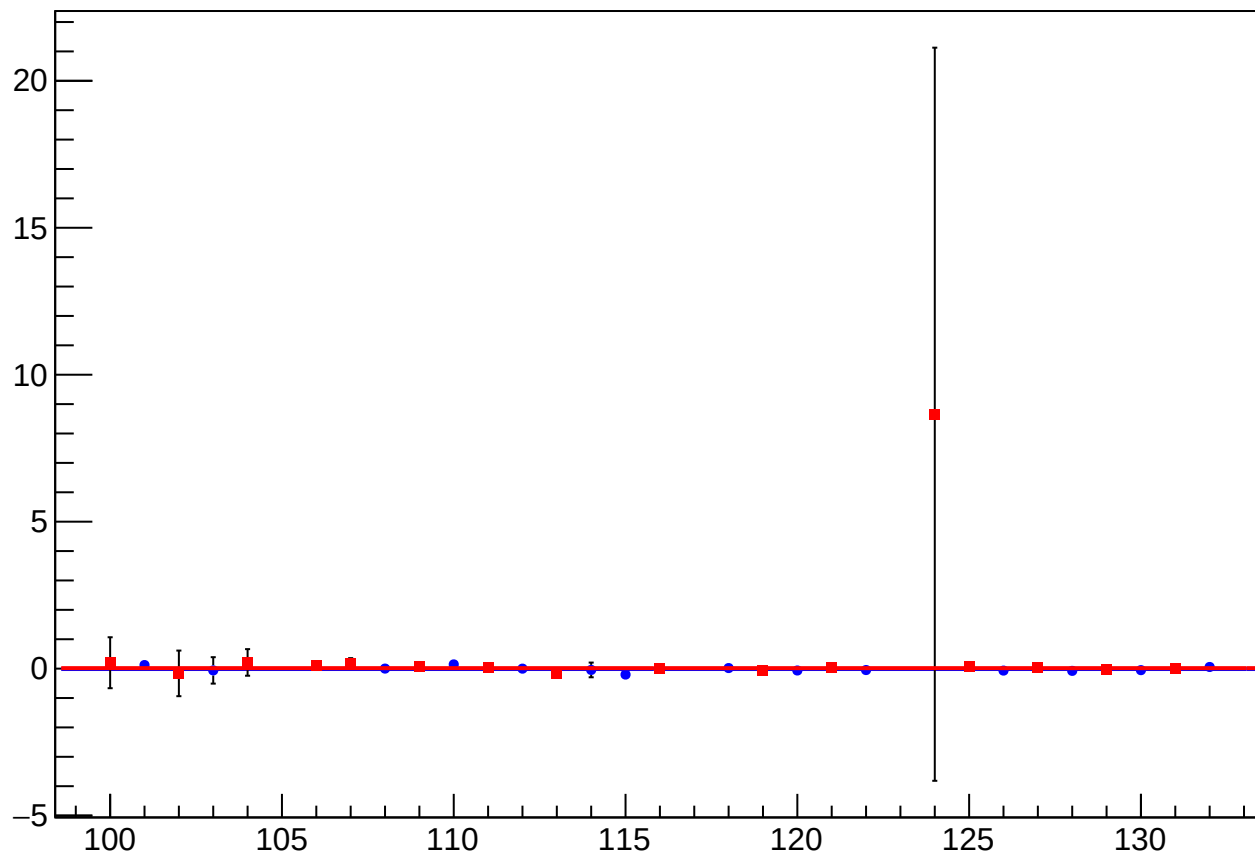
Right: 0.003+/-0.000 χ^2/NDF : 5372479.7/29

In: 0.003+/-0.000 χ^2/NDF :3115967.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 5372479.7/29

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 ± 0.020 χ^2/NDF : 13.6/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.017 ± 0.020 χ^2/NDF : 11.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

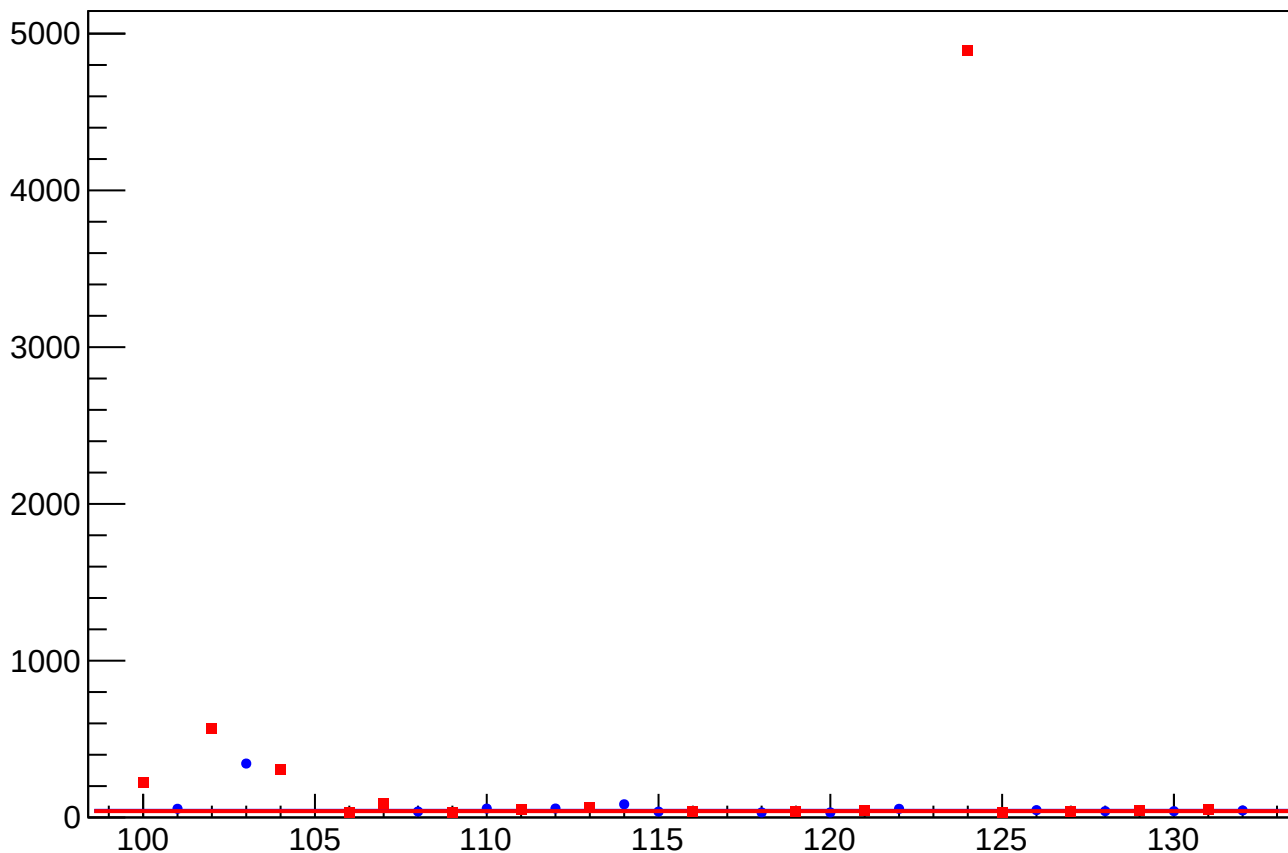
Right: 0.002 ± 0.014 χ^2/NDF : 25.8/29

In: -0.013 ± 0.020 χ^2/NDF : 13.6/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.002 ± 0.014 χ^2/NDF : 25.8/29

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.284+/-0.014 χ^2/NDF : 1356339.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.335+/-0.014 χ^2/NDF : 2449119.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

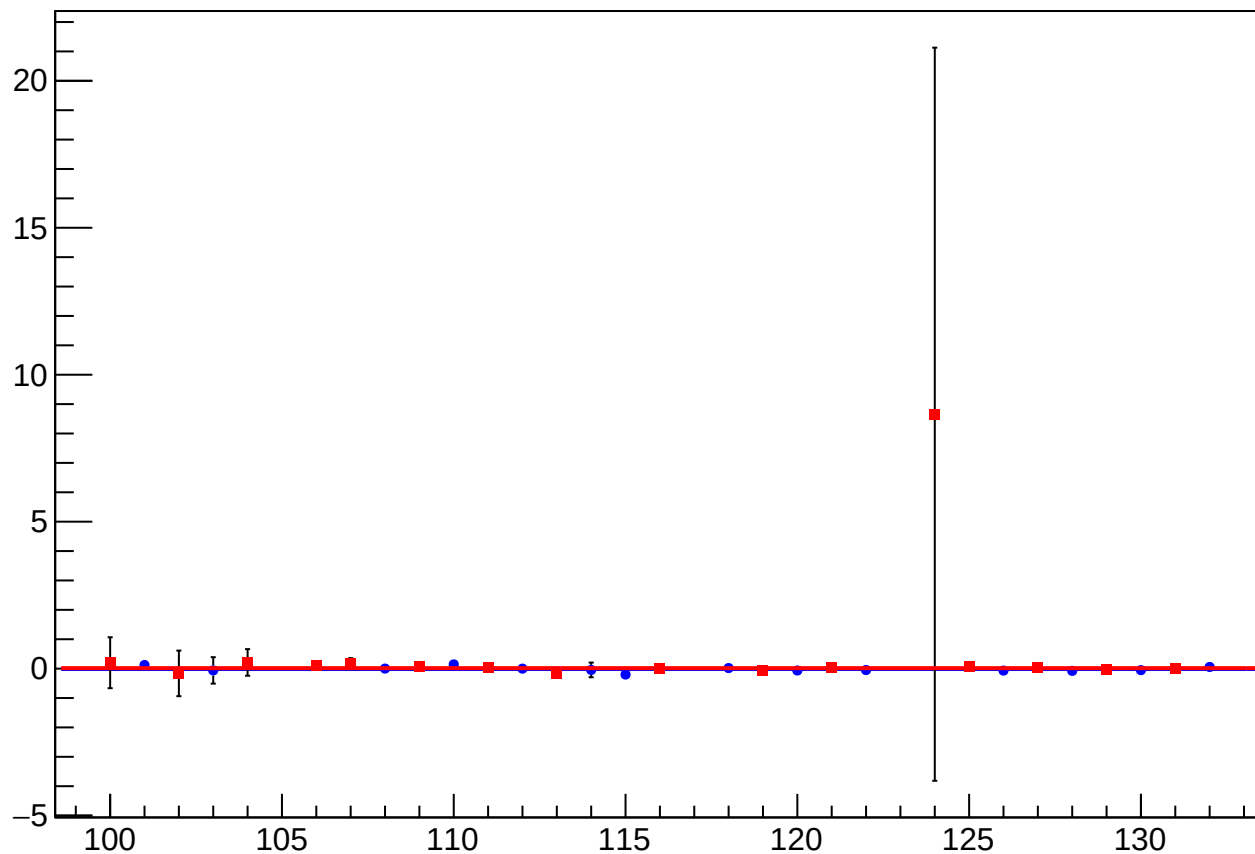
Right: 41.307+/-0.010 χ^2/NDF : 3815325.2/29

In: 42.284+/-0.014 χ^2/NDF : 1356339.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.307+/-0.010 χ^2/NDF : 3815325.2/29

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013+/-0.020 χ^2 /NDF: 13.6/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.017+/-0.020 χ^2 /NDF: 11.0/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

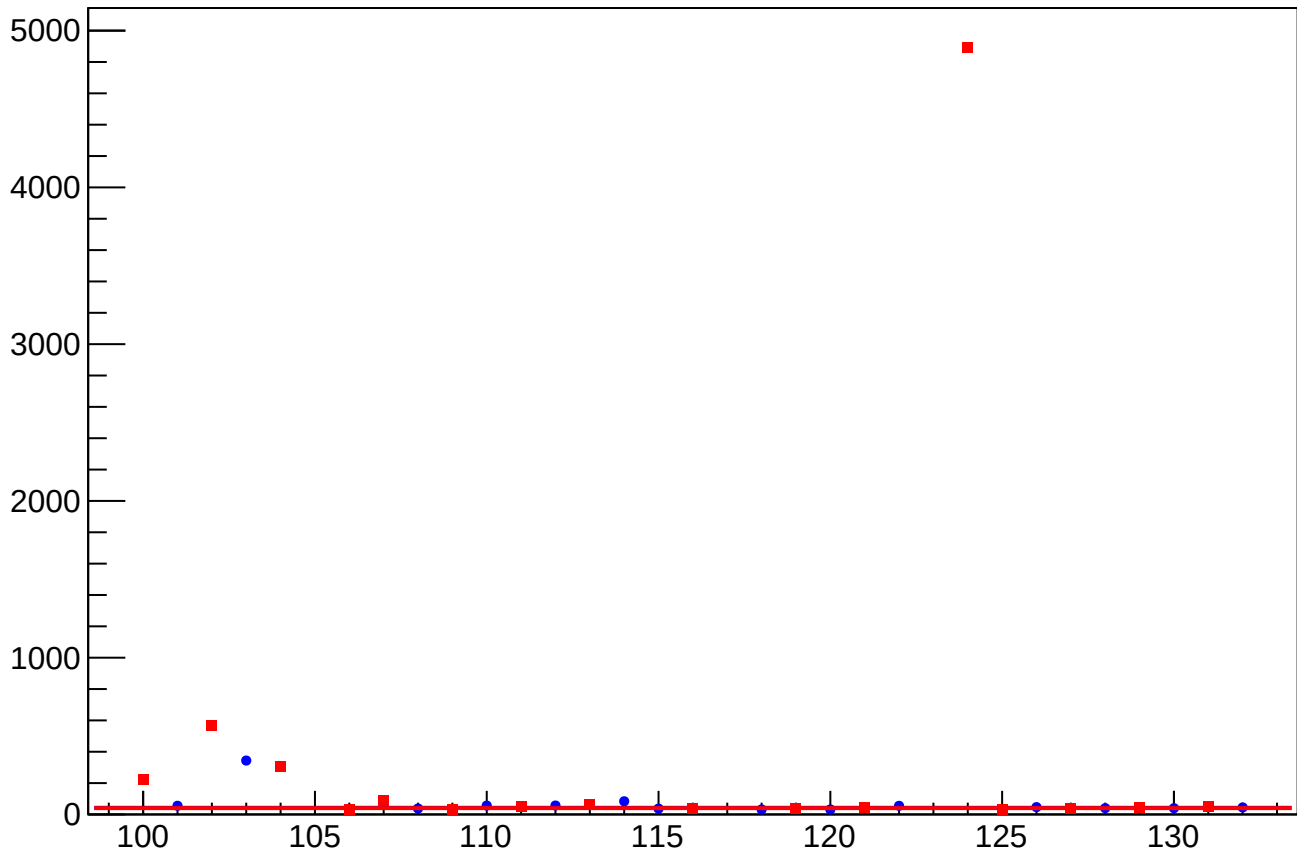
Right: 0.002+/-0.014 χ^2 /NDF: 25.8/29

In: -0.013+/-0.020 χ^2 /NDF:13.6/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.002+/-0.014 χ^2 /NDF: 25.8/29

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.284+/-0.014 χ^2/NDF : 1356339.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.335+/-0.014 χ^2/NDF : 2449119.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

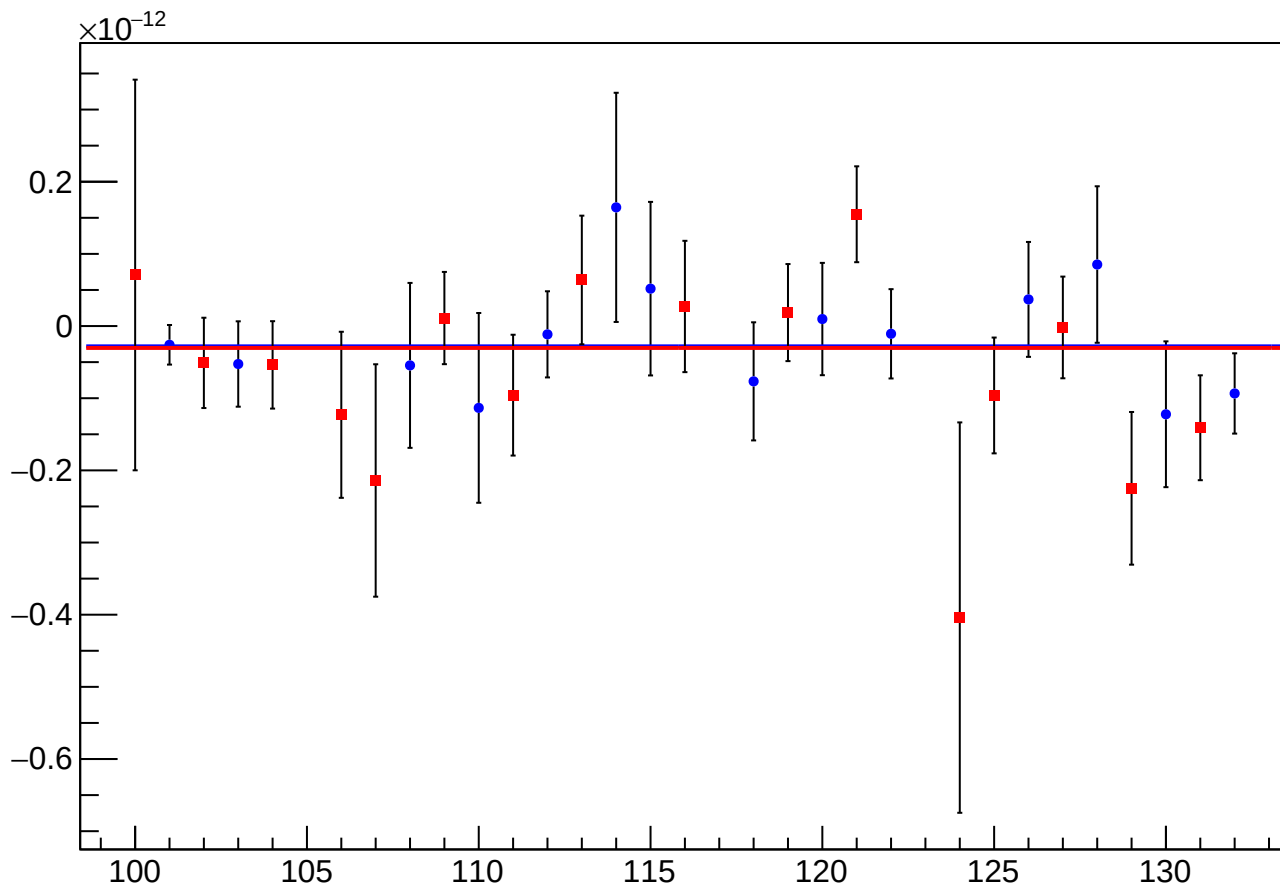
Right: 41.307+/-0.010 χ^2/NDF : 3815325.2/29

In: 42.284+/-0.014 χ^2/NDF : 1356339.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.307+/-0.010 χ^2/NDF : 3815325.2/29

asym_atl_dd_atr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 7.3/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 21.6/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

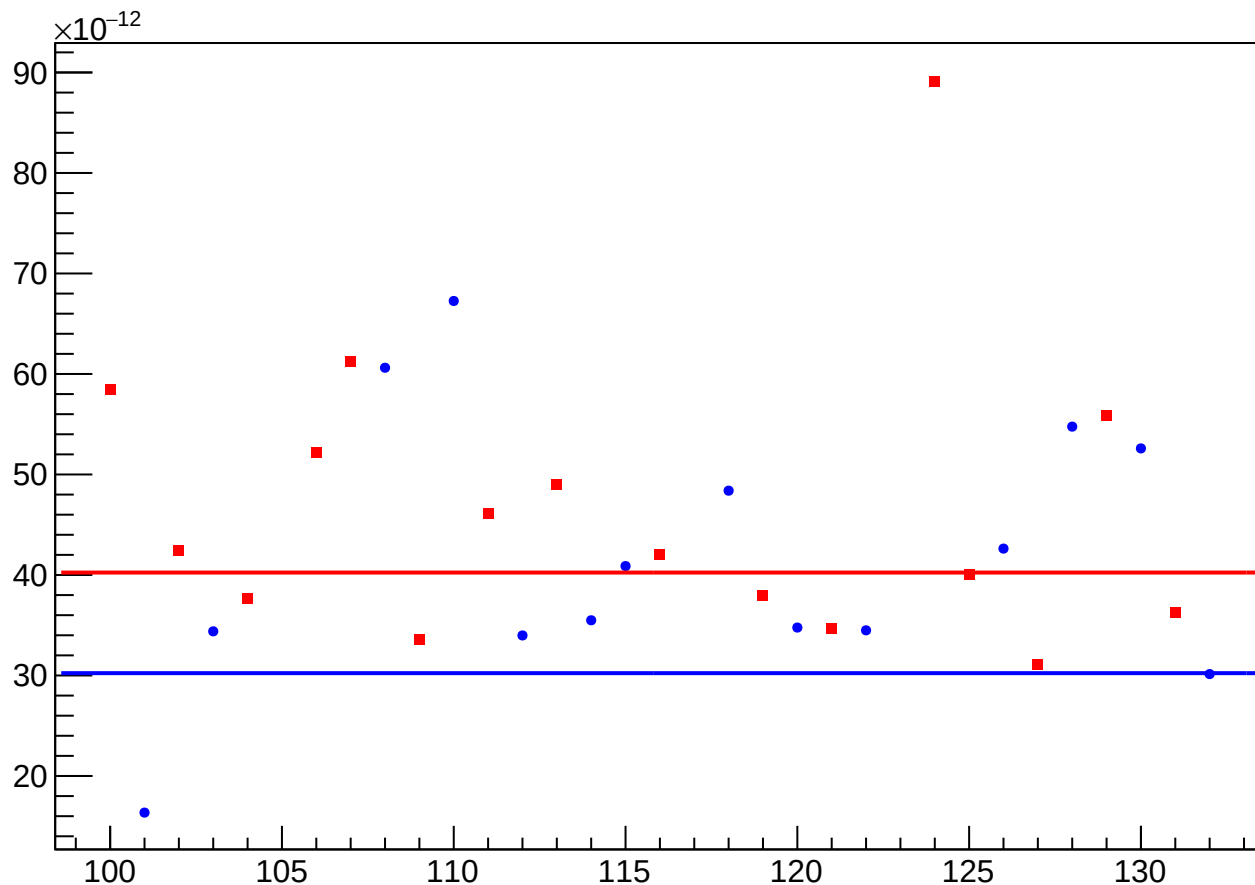
Right: -0.000+/-0.000 χ^2 /NDF: 29.0/29

In: -0.000+/-0.000 χ^2 /NDF:7.3/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 29.0/29

asym_atl_dd_atr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1210695.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 287415.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

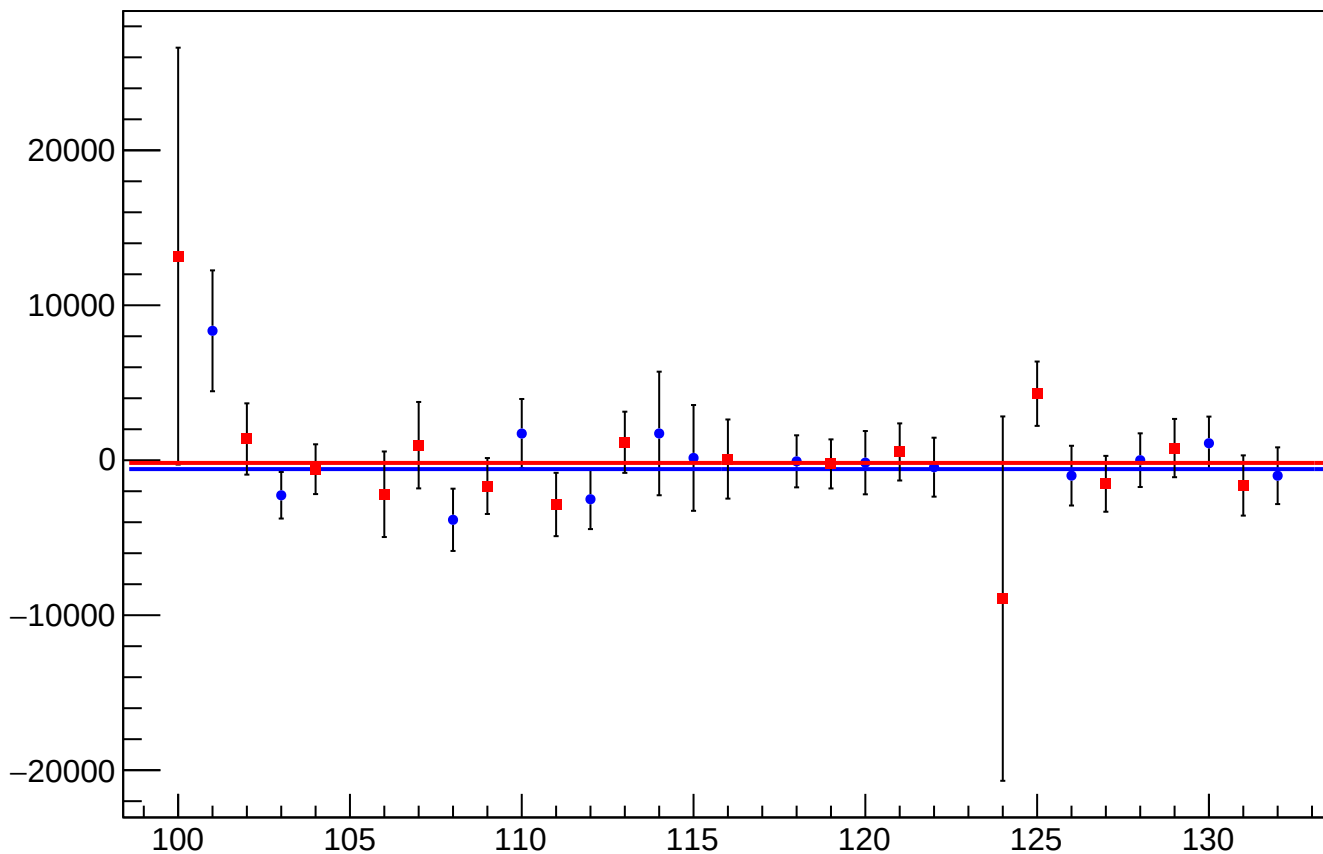
Right: 0.000+/-0.000 χ^2/NDF : 1778372.4/29

In: 0.000+/-0.000 χ^2/NDF : 1210695.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1778372.4/29

reg_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -571.910+/-535.663 χ^2/NDF : 12.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -173.251+/-528.071 χ^2/NDF : 11.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

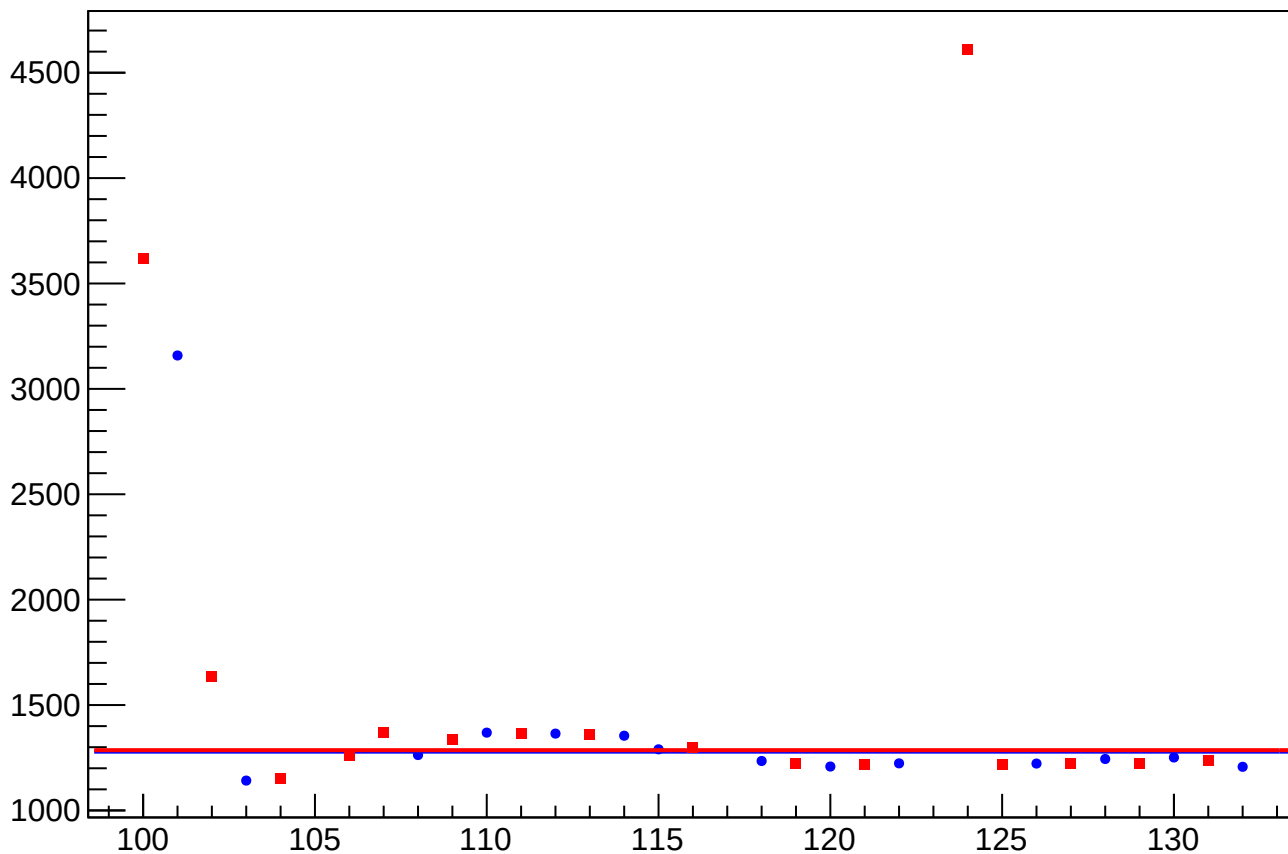
Right: -369.735+/-376.058 χ^2/NDF : 25.0/29

In: -571.910+/-535.663 χ^2/NDF : 12.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -369.735+/-376.058 χ^2/NDF : 25.0/29

reg_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1278.879+/-0.379 χ^2/NDF : 500878.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1285.946+/-0.372 χ^2/NDF : 303955.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

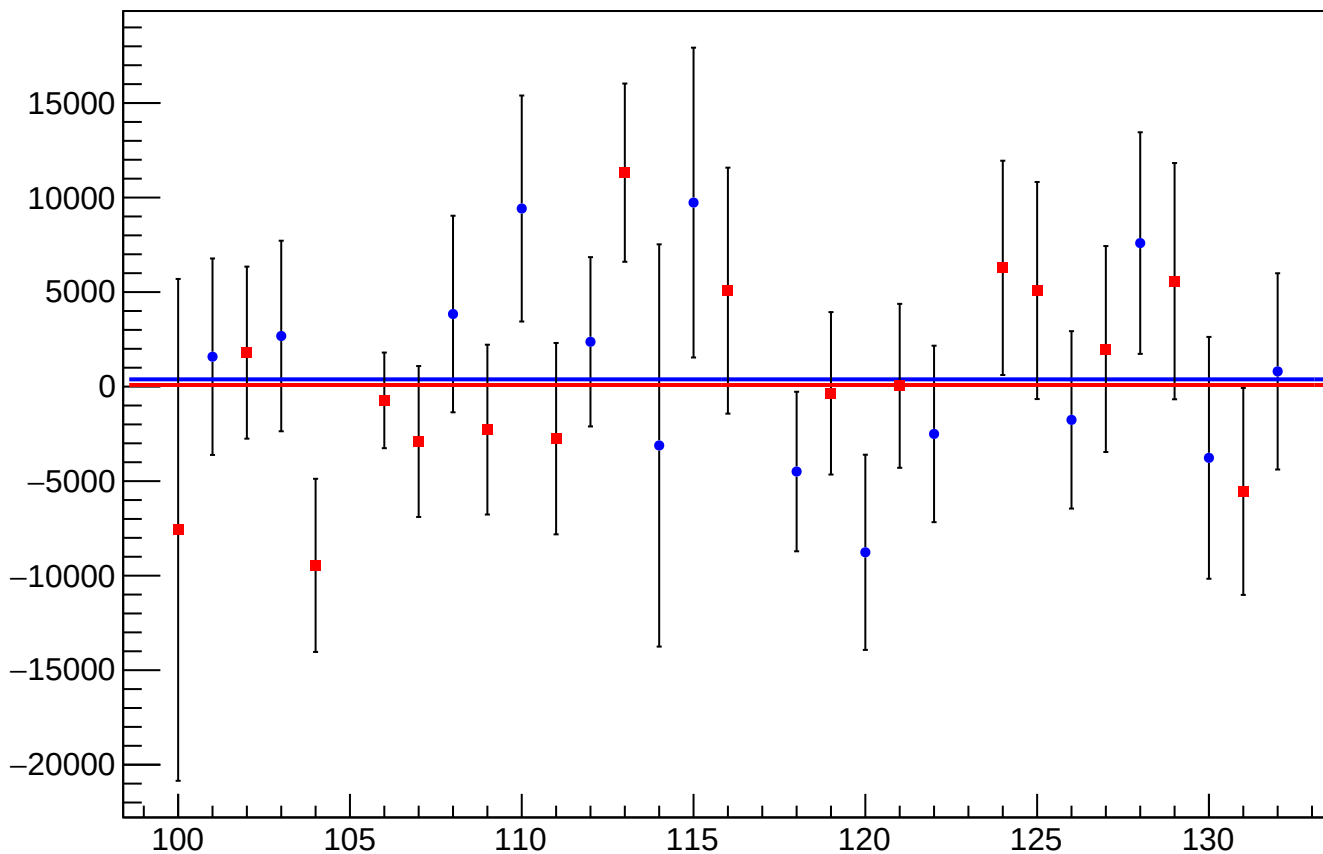
Right: 1282.474+/-0.265 χ^2/NDF : 805010.3/29

In: 1278.879+/-0.379 χ^2/NDF : 500878.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1282.474+/-0.265 χ^2/NDF : 805010.3/29

asym_at1_avg_at2_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 384.055+/-1427.553 χ^2/NDF : 11.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.501+/-1162.841 χ^2/NDF : 16.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

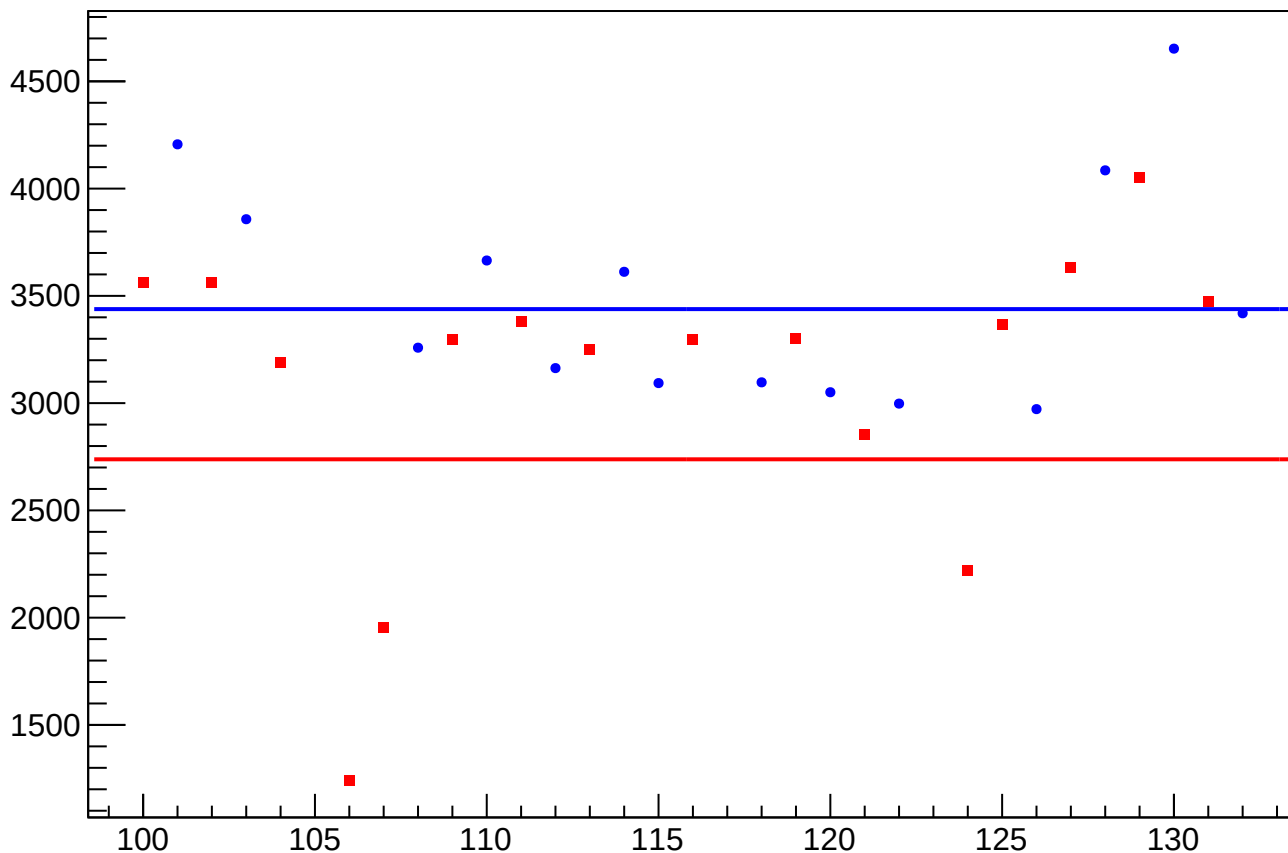
Right: 204.584+/-901.583 χ^2/NDF : 27.9/29

In: 384.055+/-1427.553 χ^2/NDF : 11.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 204.584+/-901.583 χ^2/NDF : 27.9/29

asym_at1_avg_at2_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3438.273+/-1.009 χ^2/NDF : 232786.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2738.152+/-0.822 χ^2/NDF : 1226964.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

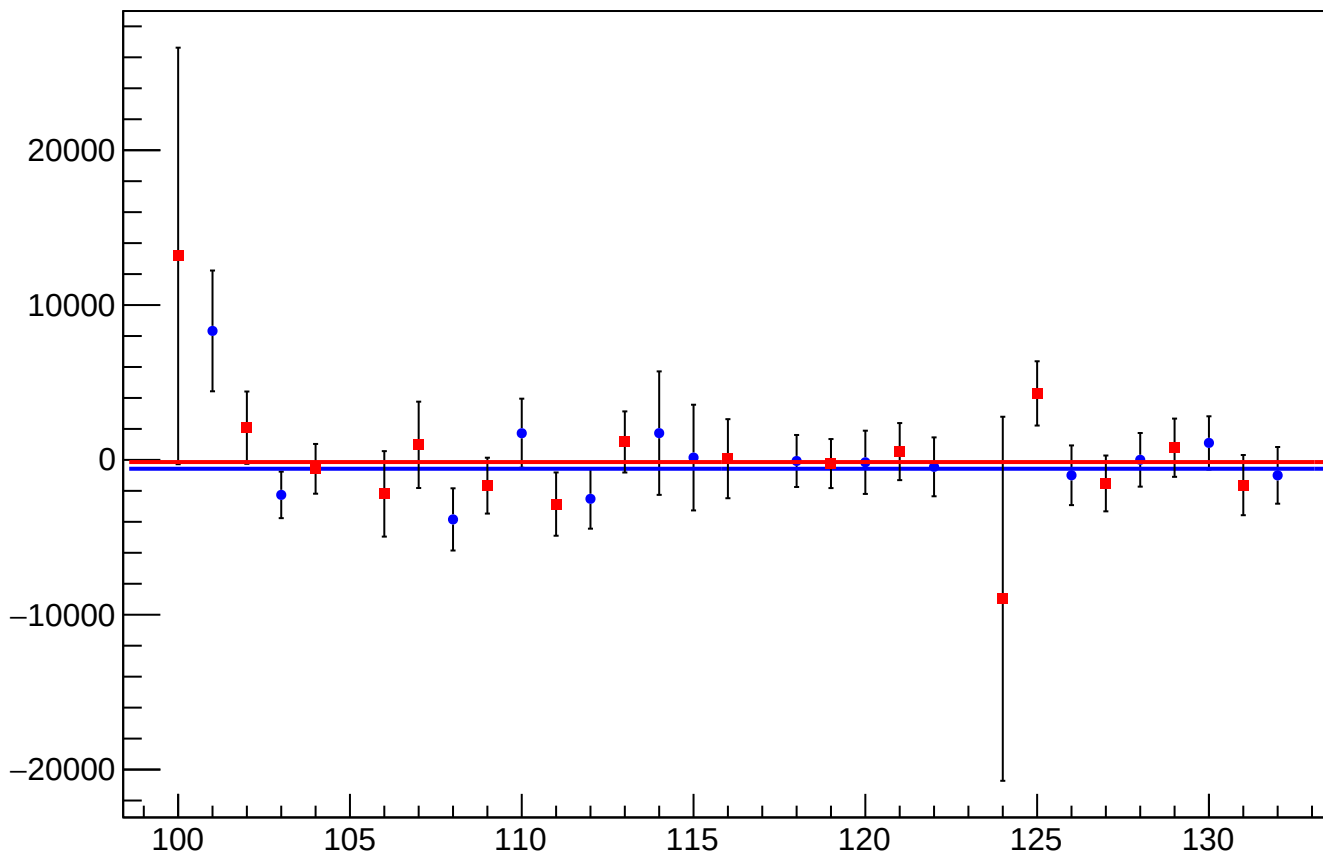
Right: 3017.406+/-0.638 χ^2/NDF : 1748926.9/29

In: 3438.273+/-1.009 χ^2/NDF : 232786.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3017.406+/-0.638 χ^2/NDF : 1748926.9/29

cor_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -572.381+/-535.663 χ^2/NDF : 12.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -139.394+/-528.482 χ^2/NDF : 12.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

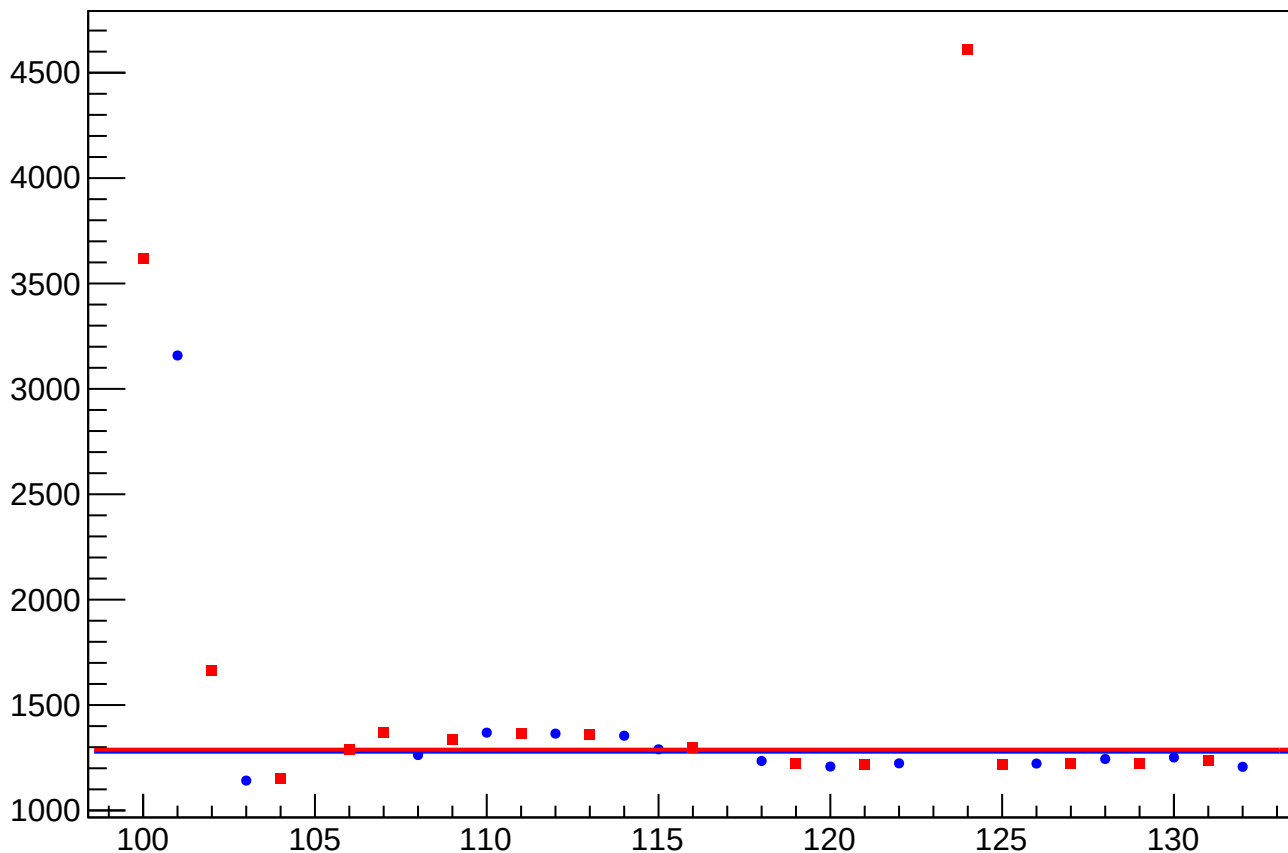
Right: -352.965+/-376.206 χ^2/NDF : 25.5/29

In: -572.381+/-535.663 χ^2/NDF : 12.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -352.965+/-376.206 χ^2/NDF : 25.5/29

cor_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1278.879+/-0.379 χ^2/NDF : 500879.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1288.280+/-0.373 χ^2/NDF : 310914.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

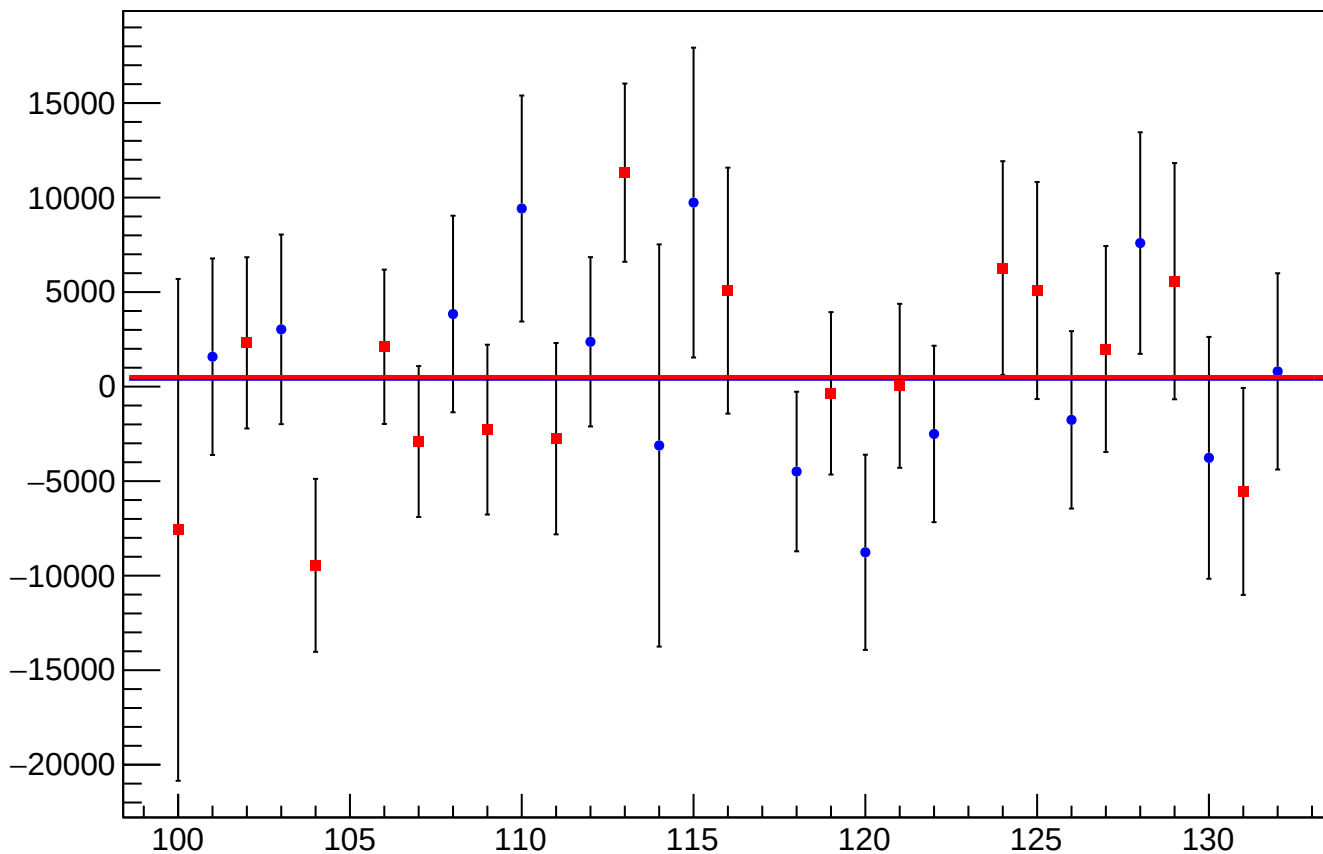
Right: 1283.653+/-0.266 χ^2/NDF : 812106.3/29

In: 1278.879+/-0.379 χ^2/NDF : 500879.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1283.653+/-0.266 χ^2/NDF : 812106.3/29

asym_at1_avg_at2_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 414.235+/-1426.984 χ^2/NDF : 11.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 510.547+/-1246.284 χ^2/NDF : 16.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

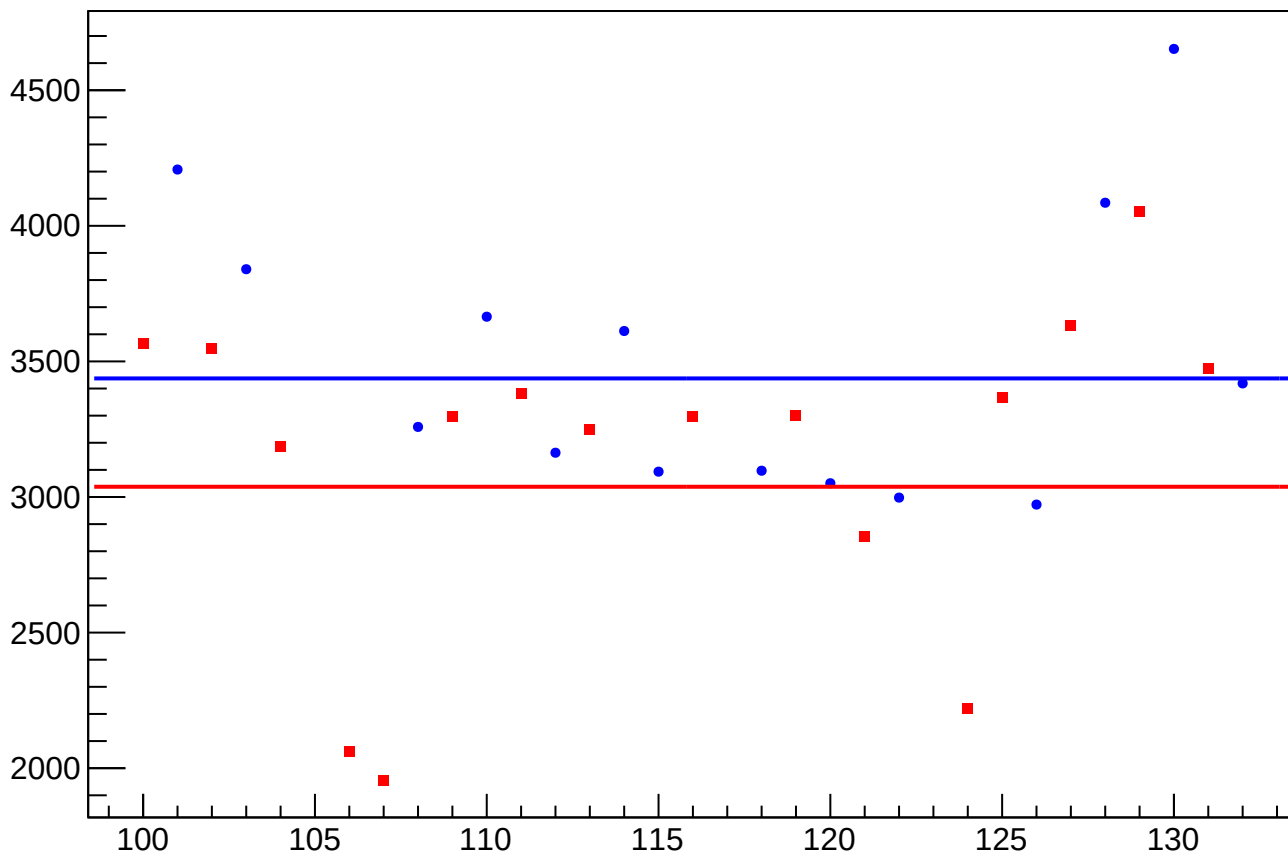
Right: 468.872+/-938.682 χ^2/NDF : 28.1/29

In: 414.235+/-1426.984 χ^2/NDF : 11.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 468.872+/-938.682 χ^2/NDF : 28.1/29

asym_at1_avg_at2_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3437.268+/-1.009 χ^2/NDF : 231903.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3037.788+/-0.881 χ^2/NDF : 464375.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

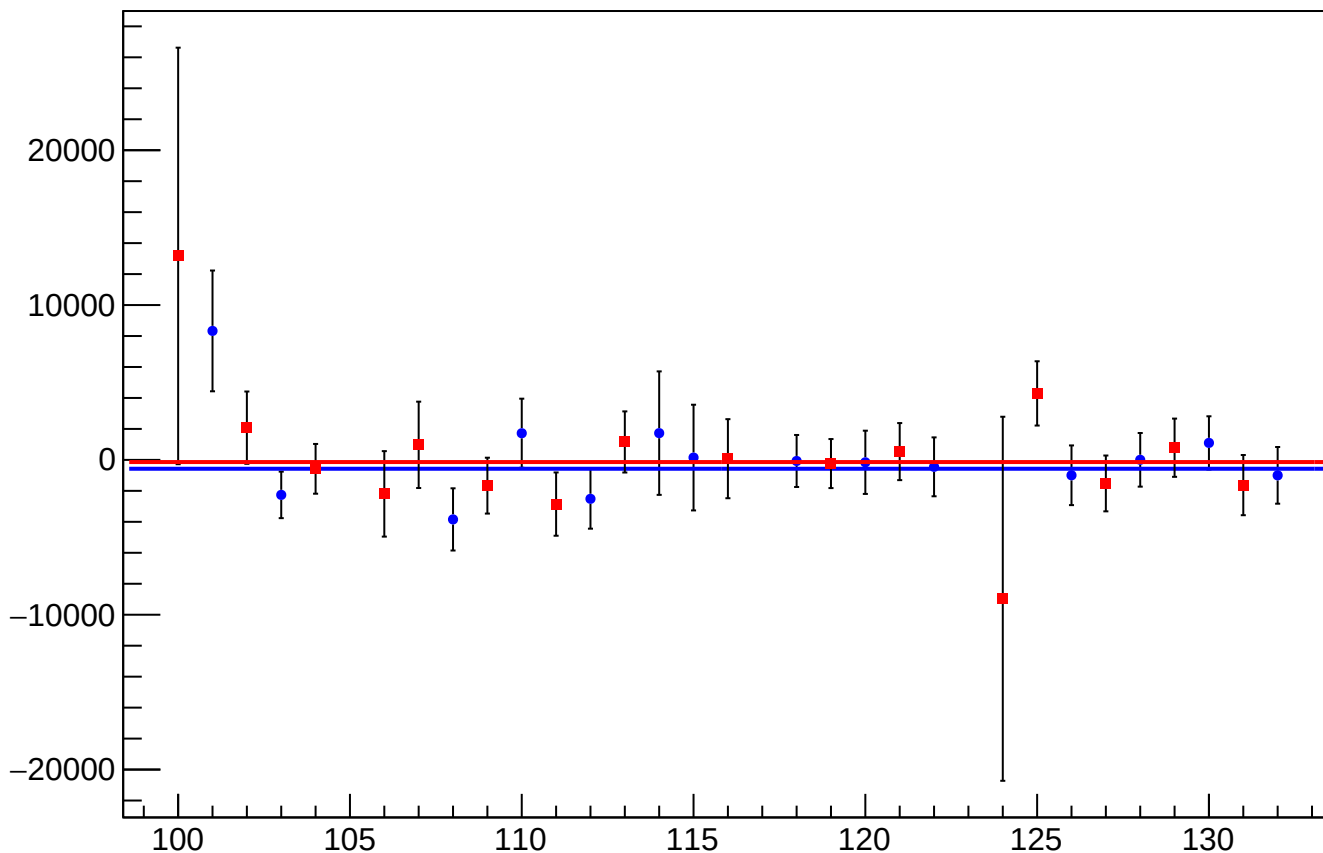
Right: 3210.648+/-0.664 χ^2/NDF : 785196.0/29

In: 3437.268+/-1.009 χ^2/NDF : 231903.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3210.648+/-0.664 χ^2/NDF : 785196.0/29

eigen_cor_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -572.381+/-535.663 χ^2/NDF : 12.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -139.394+/-528.482 χ^2/NDF : 12.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

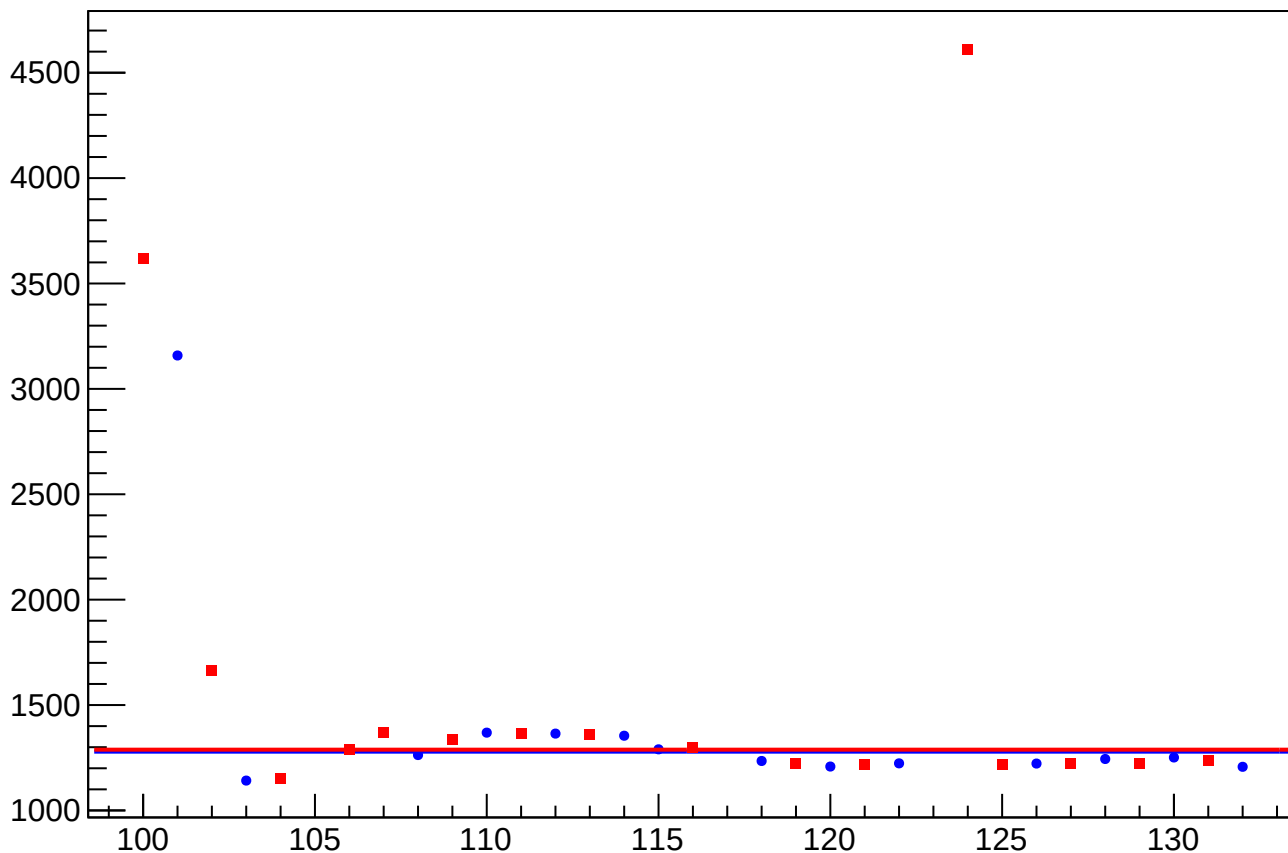
Right: -352.965+/-376.206 χ^2/NDF : 25.5/29

In: -572.381+/-535.663 χ^2/NDF : 12.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -352.965+/-376.206 χ^2/NDF : 25.5/29

eigen_cor_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1278.879+/-0.379 χ^2/NDF : 500879.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1288.280+/-0.373 χ^2/NDF : 310914.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

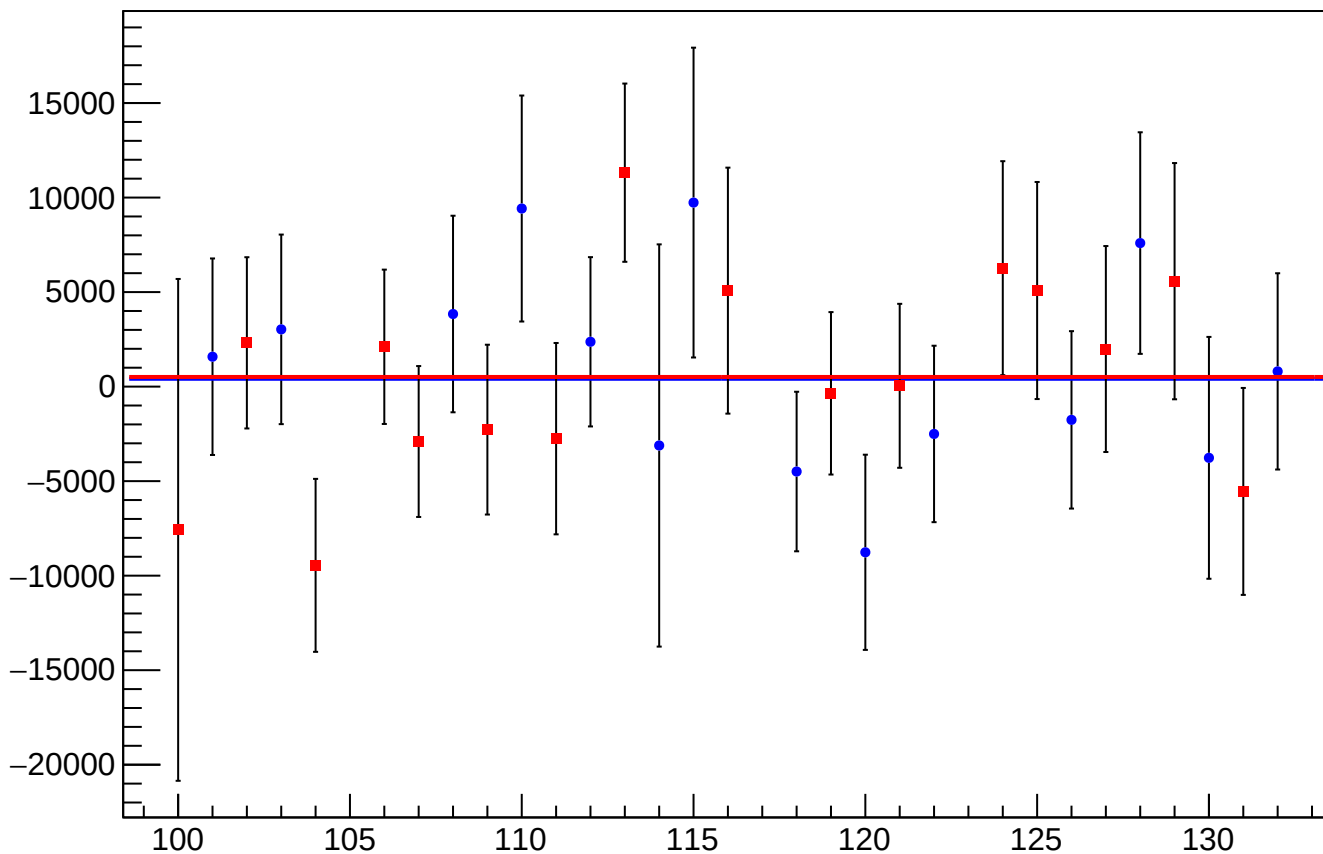
Right: 1283.653+/-0.266 χ^2/NDF : 812106.3/29

In: 1278.879+/-0.379 χ^2/NDF : 500879.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1283.653+/-0.266 χ^2/NDF : 812106.3/29

asym_at1_avg_at2_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 414.235+/-1426.984 χ^2/NDF : 11.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 510.547+/-1246.284 χ^2/NDF : 16.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

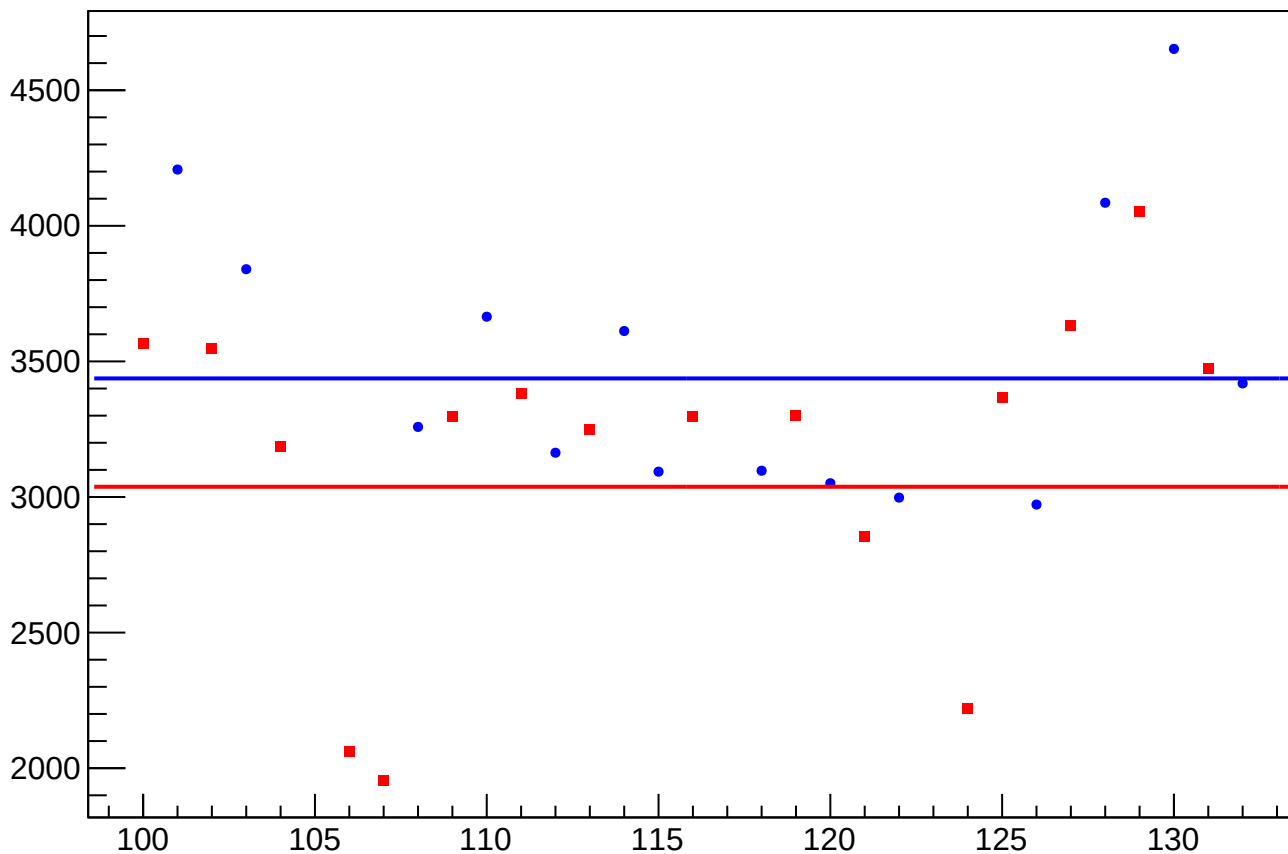
Right: 468.872+/-938.682 χ^2/NDF : 28.1/29

In: 414.235+/-1426.984 χ^2/NDF : 11.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 468.872+/-938.682 χ^2/NDF : 28.1/29

asym_at1_avg_at2_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3437.268+/-1.009 χ^2/NDF : 231903.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3037.788+/-0.881 χ^2/NDF : 464375.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

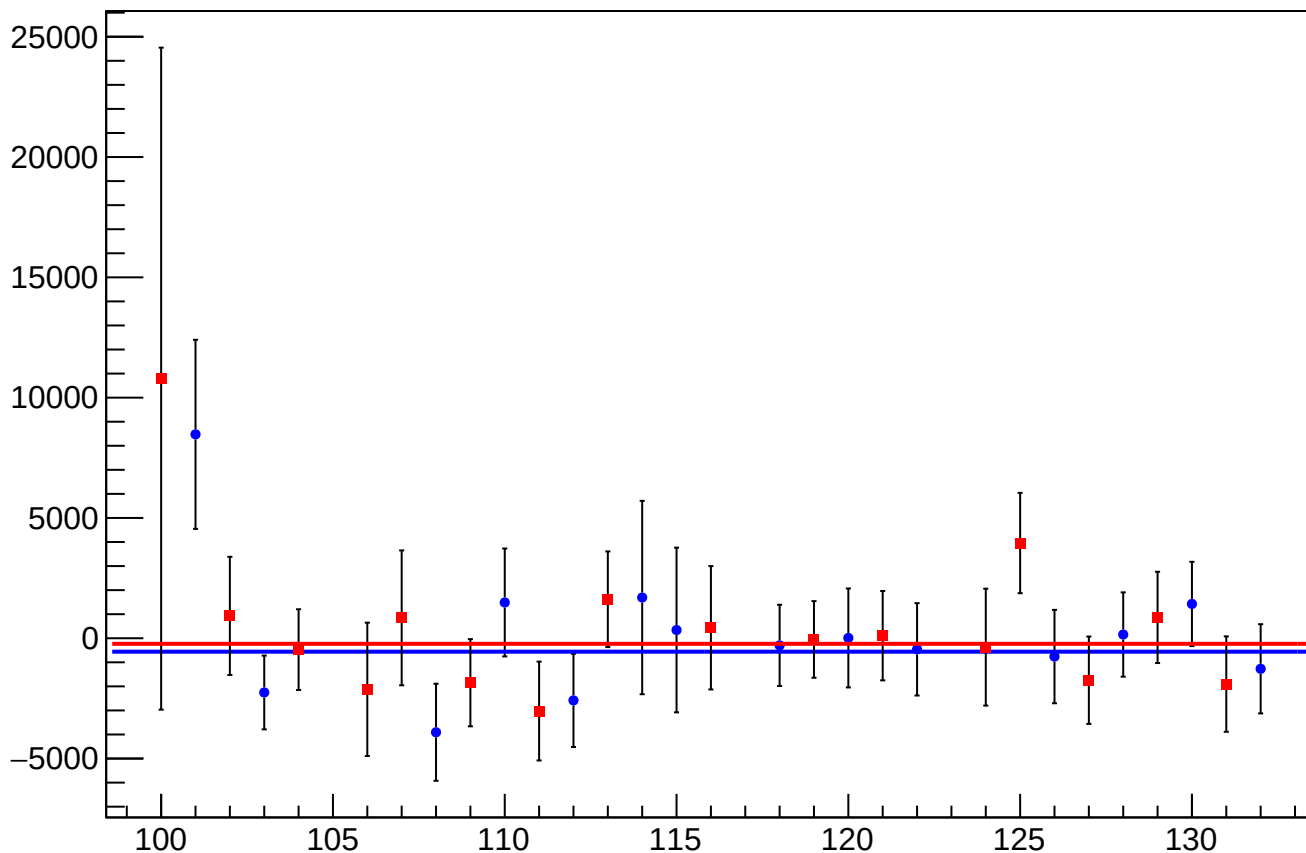
Right: 3210.648+/-0.664 χ^2/NDF : 785196.0/29

In: 3437.268+/-1.009 χ^2/NDF : 231903.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3210.648+/-0.664 χ^2/NDF : 785196.0/29

dit_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -558.551+/-541.173 χ^2/NDF : 13.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -230.770+/-523.431 χ^2/NDF : 10.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: -389.200+/-376.238 χ^2/NDF : 24.4/29

In: -558.551+/-541.173 χ^2/NDF : 13.3/13

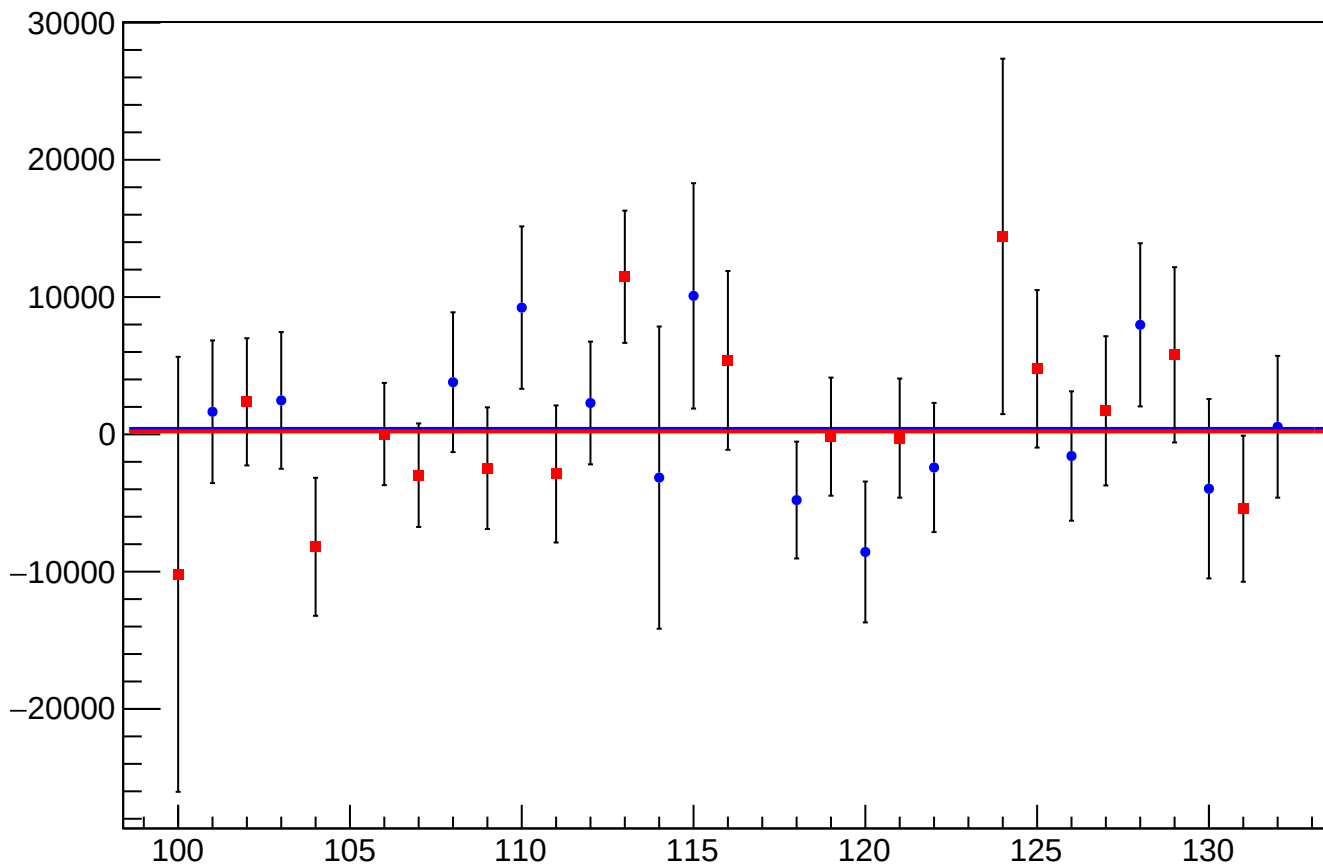
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -389.200+/-376.238 χ^2/NDF : 24.4/29

Scatter plot showing the relationship between $\log_{10}(\Delta T)$ (Y-axis) and $\log_{10}(\Delta T_{\max})$ (X-axis). The plot displays two data series: red squares and blue circles. Both series show a strong positive correlation, with the red squares generally having higher values than the blue circles. Linear regression lines are fitted to both datasets, showing a very slight positive slope.

All: 1286.375+/-0.266 χ^2/NDF : 685915.1/29

asym_at1_avg_at2_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 394.695 $\pm$ 1428.125 χ^2 /NDF: 11.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 216.035 $\pm$ 1262.333 χ^2 /NDF: 14.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

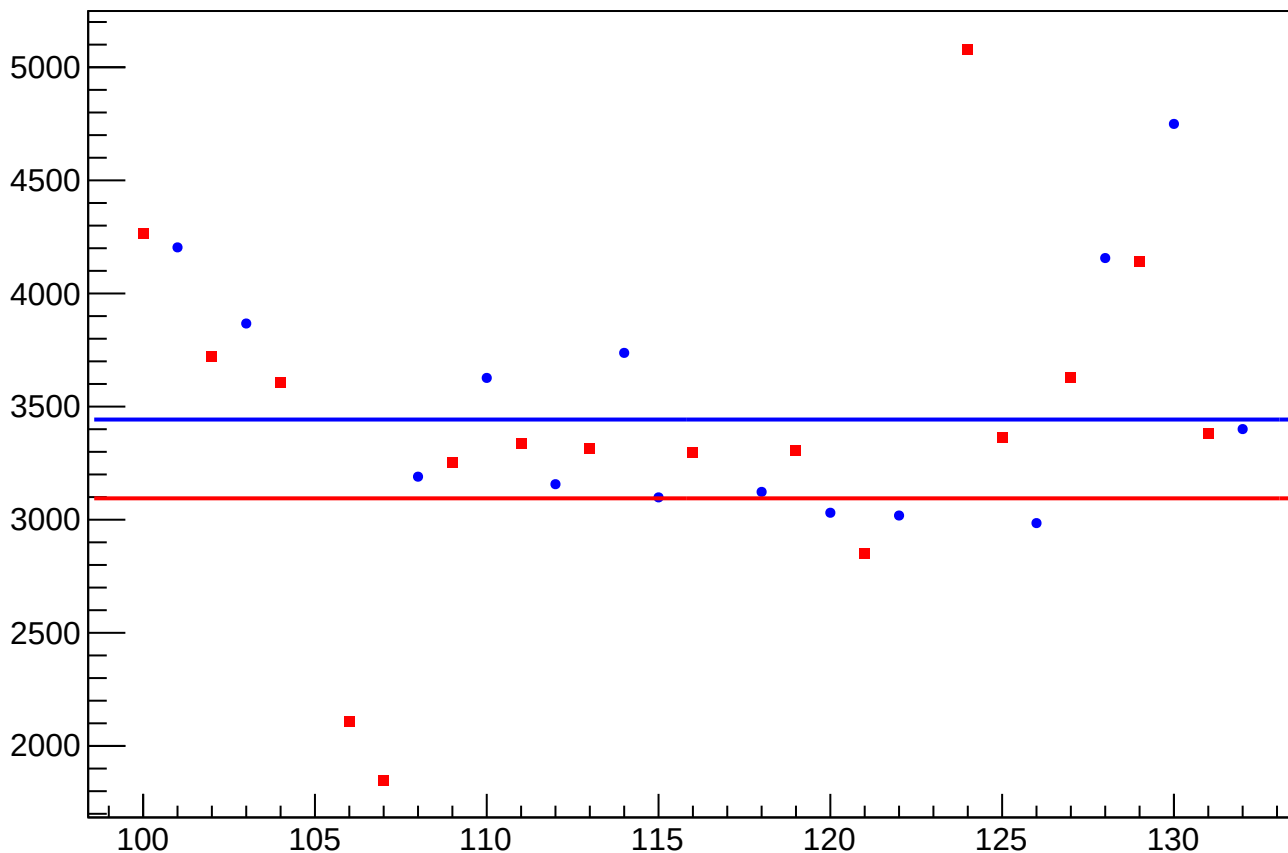
Right: 294.397 $\pm$ 945.814 χ^2 /NDF: 26.6/29

In: 394.695 $\pm$ 1428.125 χ^2 /NDF: 11.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 294.397 $\pm$ 945.814 χ^2 /NDF: 26.6/29

asym_at1_avg_at2_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3442.793+/-1.010 χ^2/NDF : 245736.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3094.468+/-0.893 χ^2/NDF : 581713.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

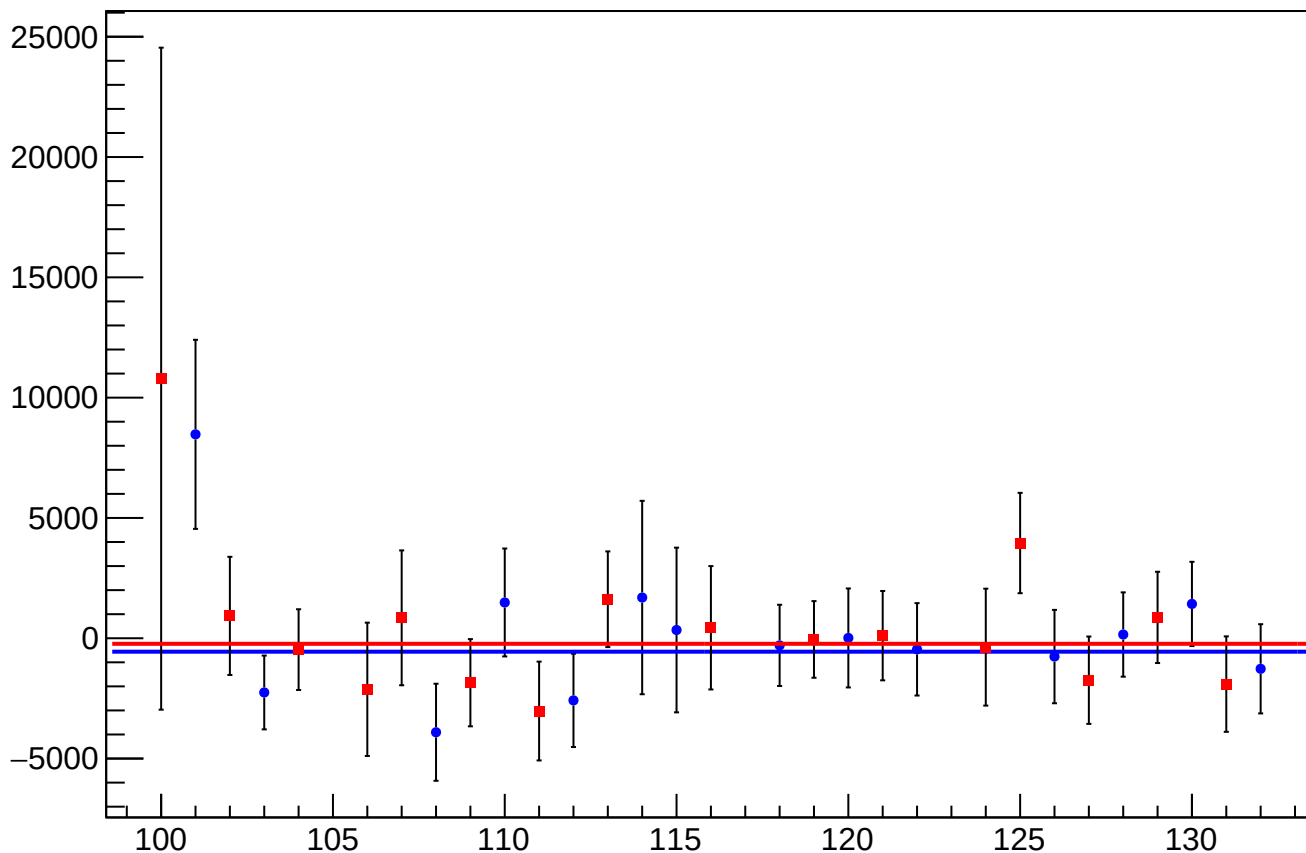
Right: 3247.247+/-0.669 χ^2/NDF : 894242.9/29

In: 3442.793+/-1.010 χ^2/NDF : 245736.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3247.247+/-0.669 χ^2/NDF : 894242.9/29

eigen_dit_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -558.555+/-541.173 χ^2/NDF : 13.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -230.778+/-523.431 χ^2/NDF : 10.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

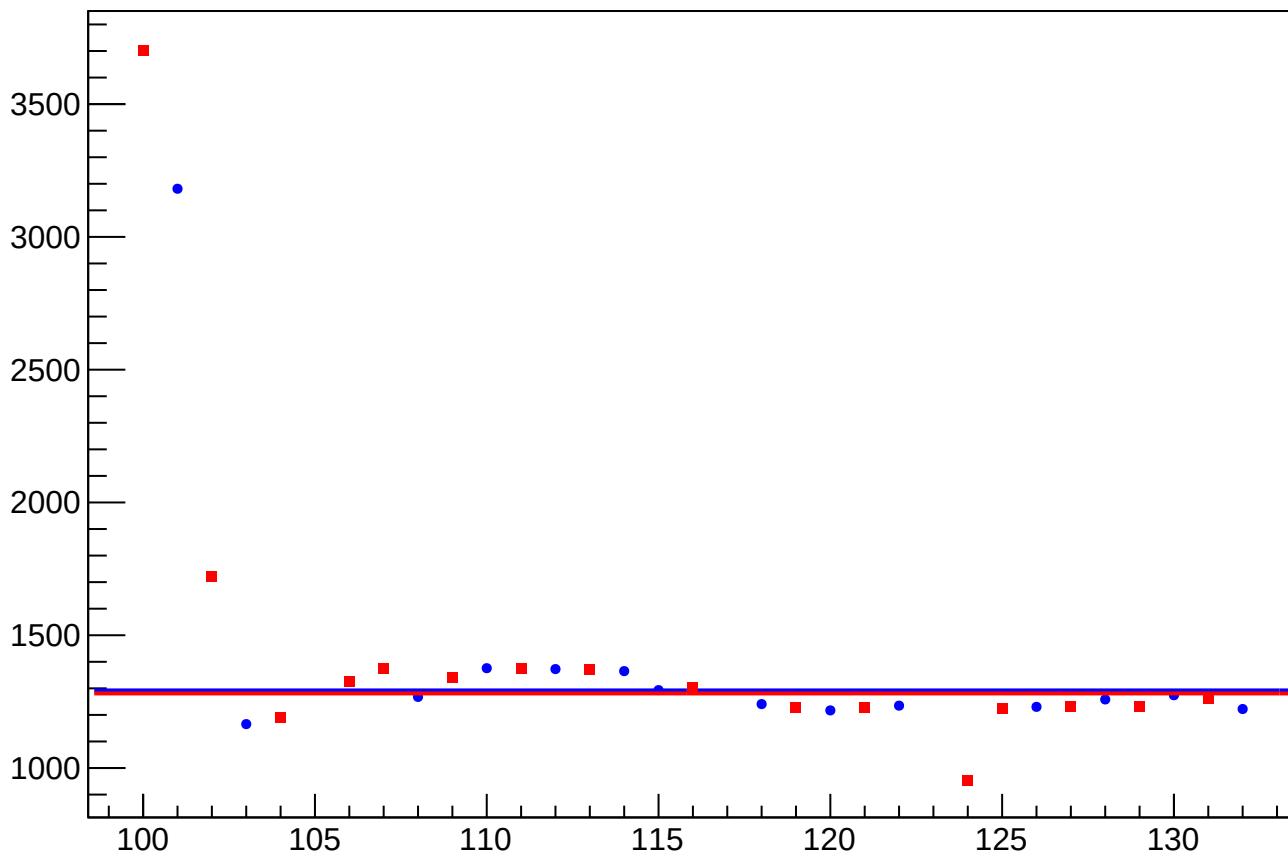
Right: -389.206+/-376.237 χ^2/NDF : 24.4/29

In: -558.555+/-541.173 χ^2/NDF : 13.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -389.206+/-376.237 χ^2/NDF : 24.4/29

eigen_dit_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1292.213+/-0.383 χ^2/NDF : 495291.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1280.923+/-0.370 χ^2/NDF : 190173.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

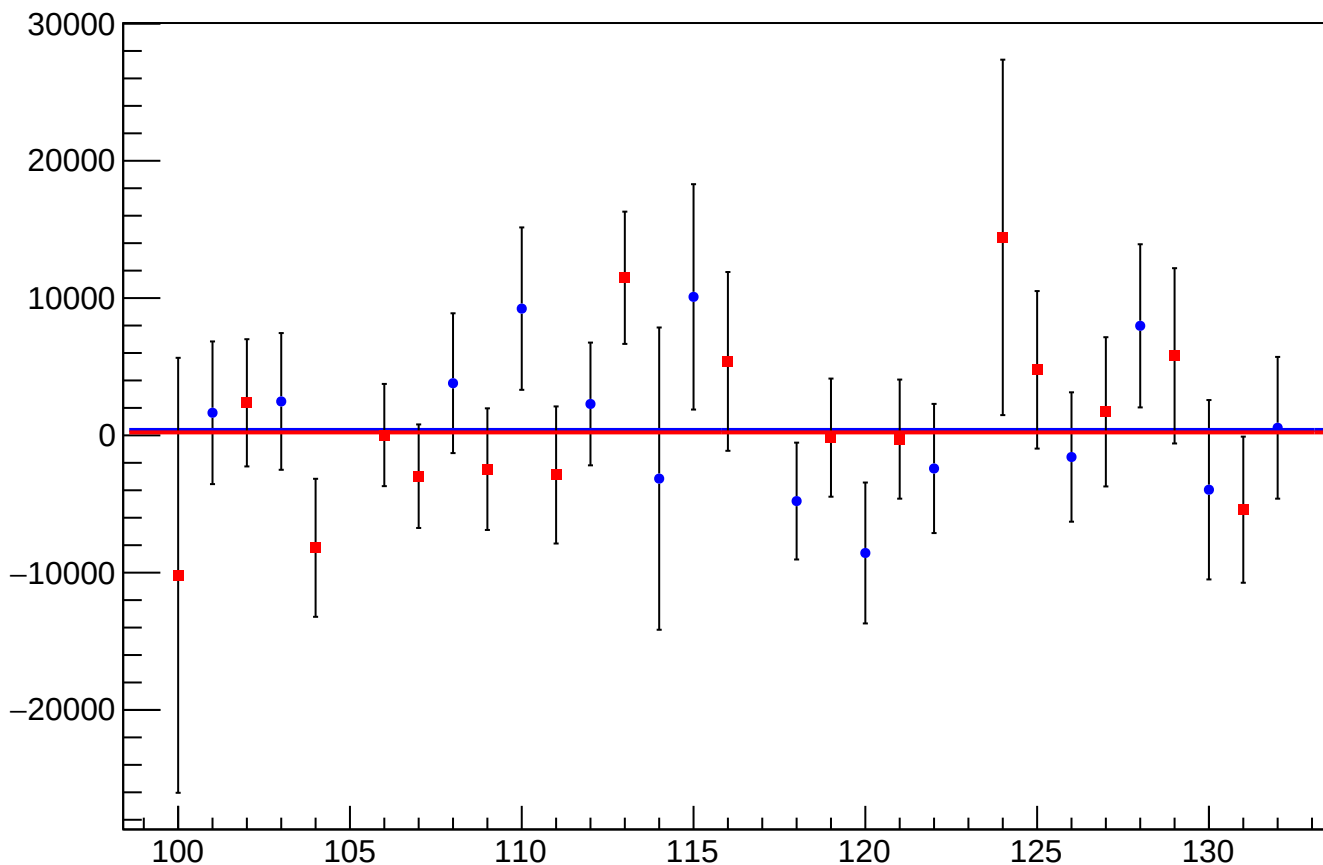
Right: 1286.375+/-0.266 χ^2/NDF : 685915.3/29

In: 1292.213+/-0.383 χ^2/NDF : 495291.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1286.375+/-0.266 χ^2/NDF : 685915.3/29

asym_at1_avg_at2_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 394.689+/-1428.120 χ^2/NDF : 11.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 216.030+/-1262.329 χ^2/NDF : 14.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

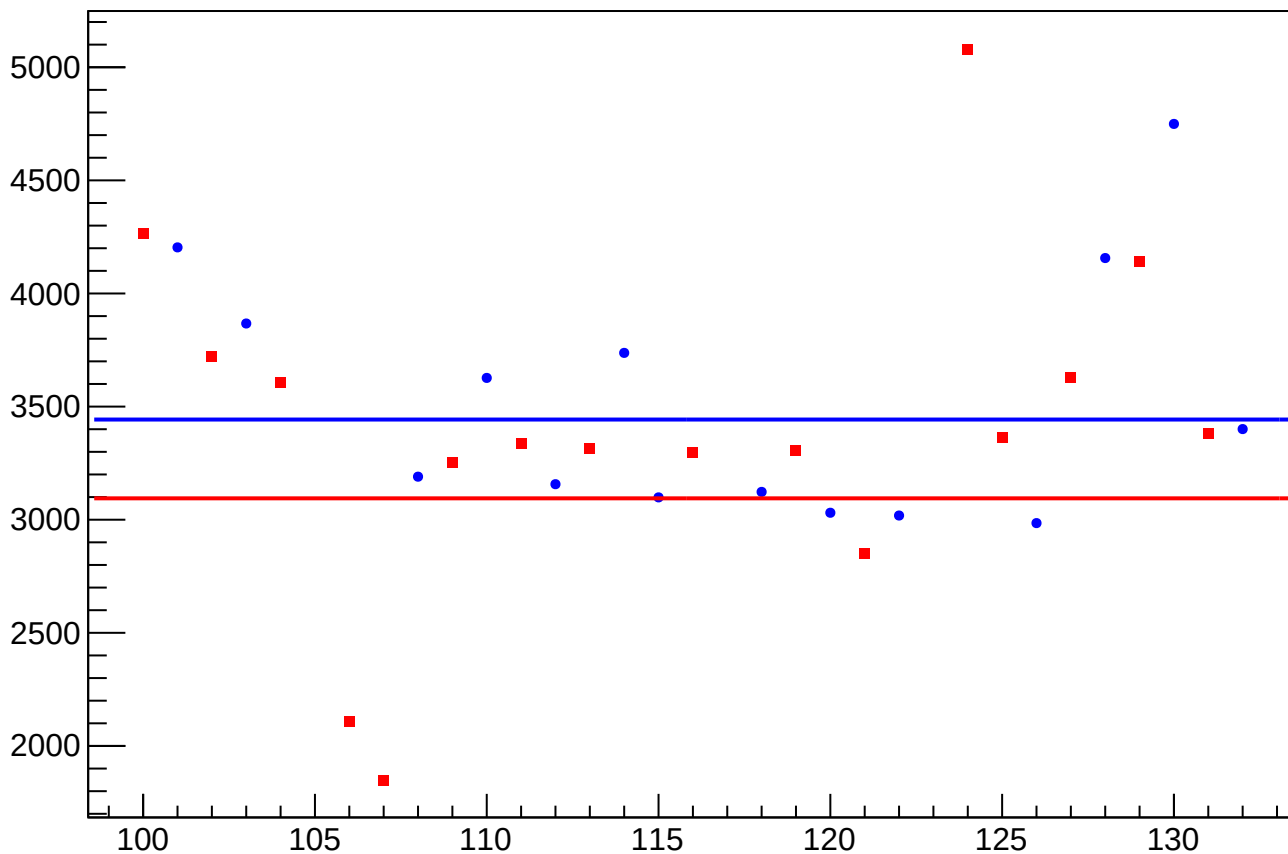
Right: 294.392+/-945.811 χ^2/NDF : 26.6/29

In: 394.689+/-1428.120 χ^2/NDF : 11.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 294.392+/-945.811 χ^2/NDF : 26.6/29

asym_at1_avg_at2_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3442.782+/-1.010 χ^2/NDF : 245738.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3094.459+/-0.893 χ^2/NDF : 581714.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

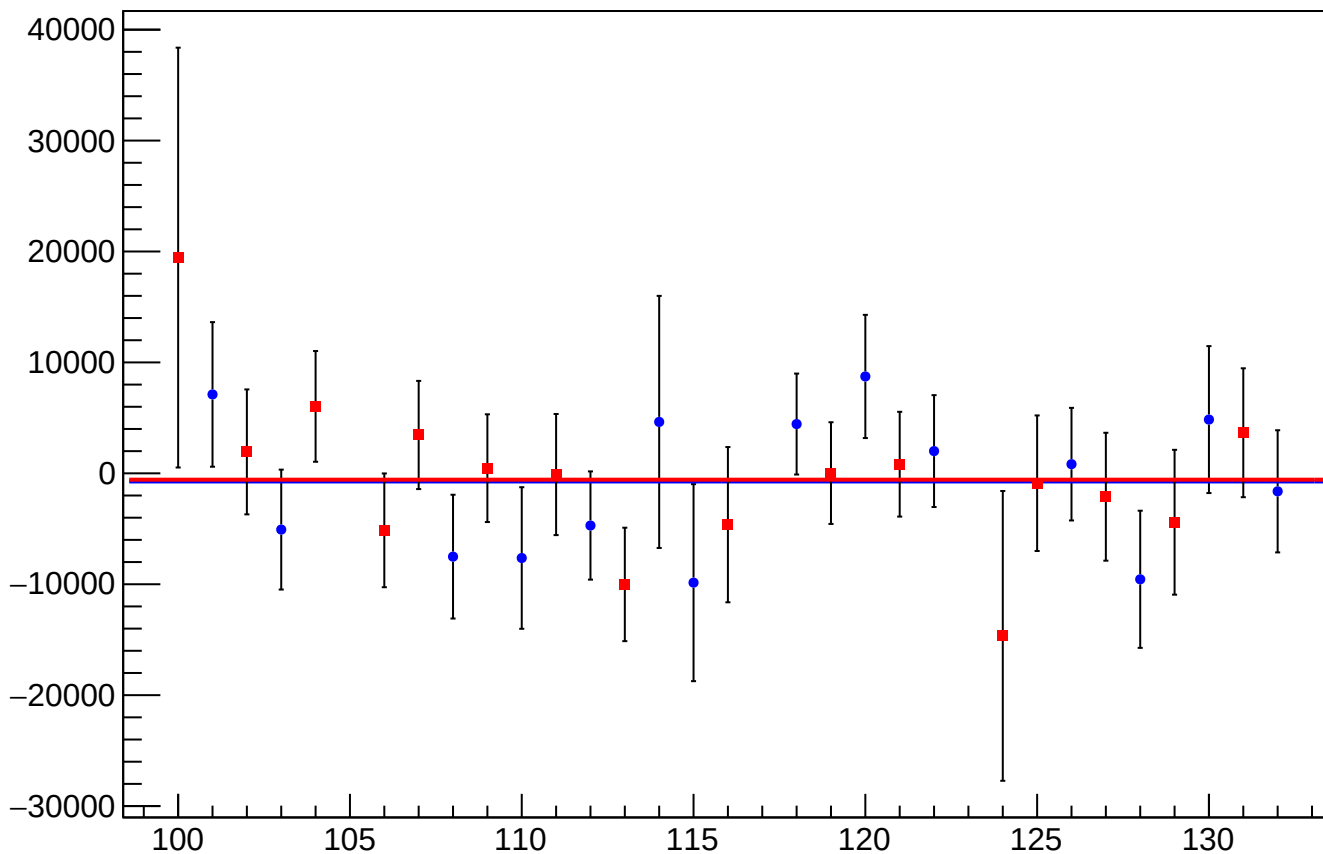
Right: 3247.237+/-0.669 χ^2/NDF : 894245.7/29

In: 3442.782+/-1.010 χ^2/NDF : 245738.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3247.237+/-0.669 χ^2/NDF : 894245.7/29

asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -732.780+/-1547.449 χ^2/NDF : 14.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -572.204+/-1418.084 χ^2/NDF : 10.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

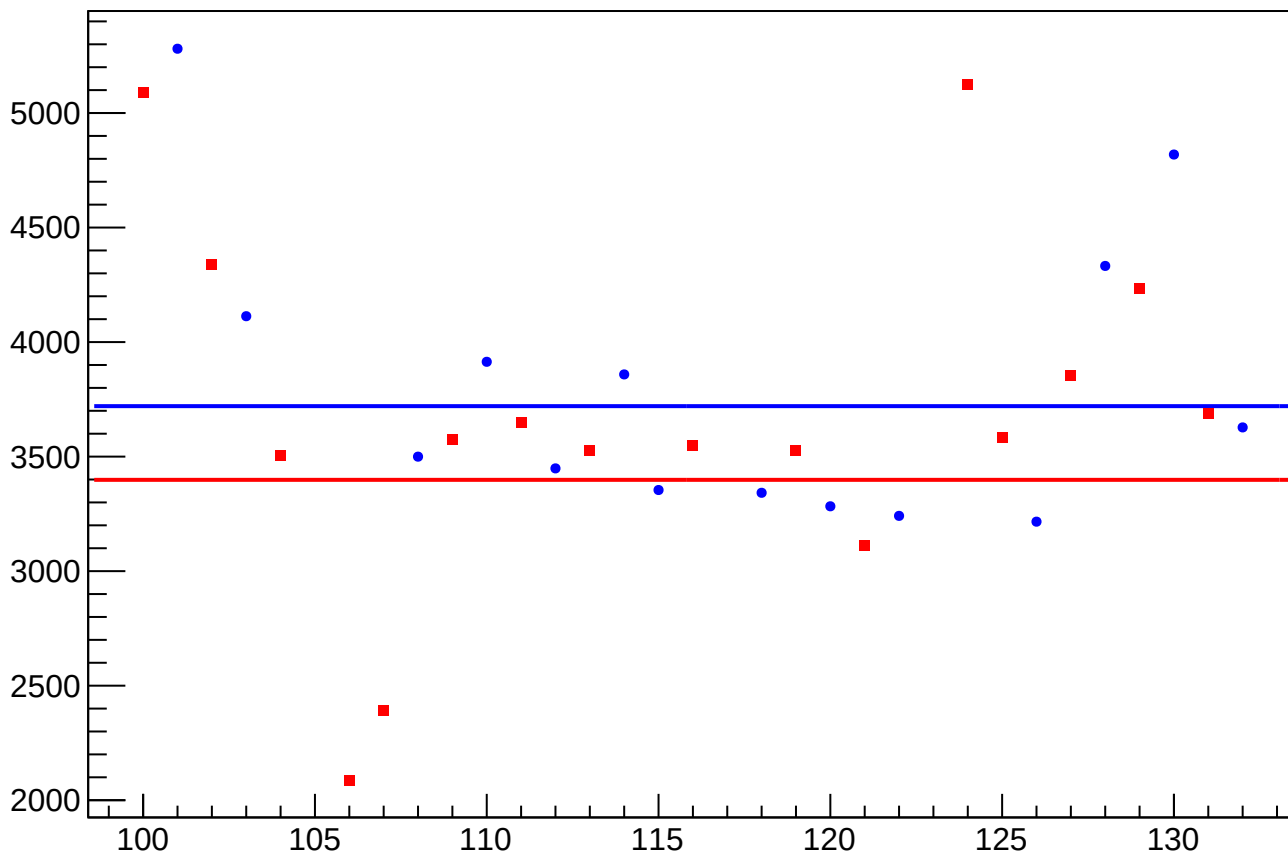
Right: -645.500+/-1045.485 χ^2/NDF : 24.6/29

In: -732.780+/-1547.449 χ^2/NDF : 14.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -645.500+/-1045.485 χ^2/NDF : 24.6/29

asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 3720.318+/-1.094 χ^2/NDF : 279184.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3398.584+/-0.987 χ^2/NDF : 446719.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

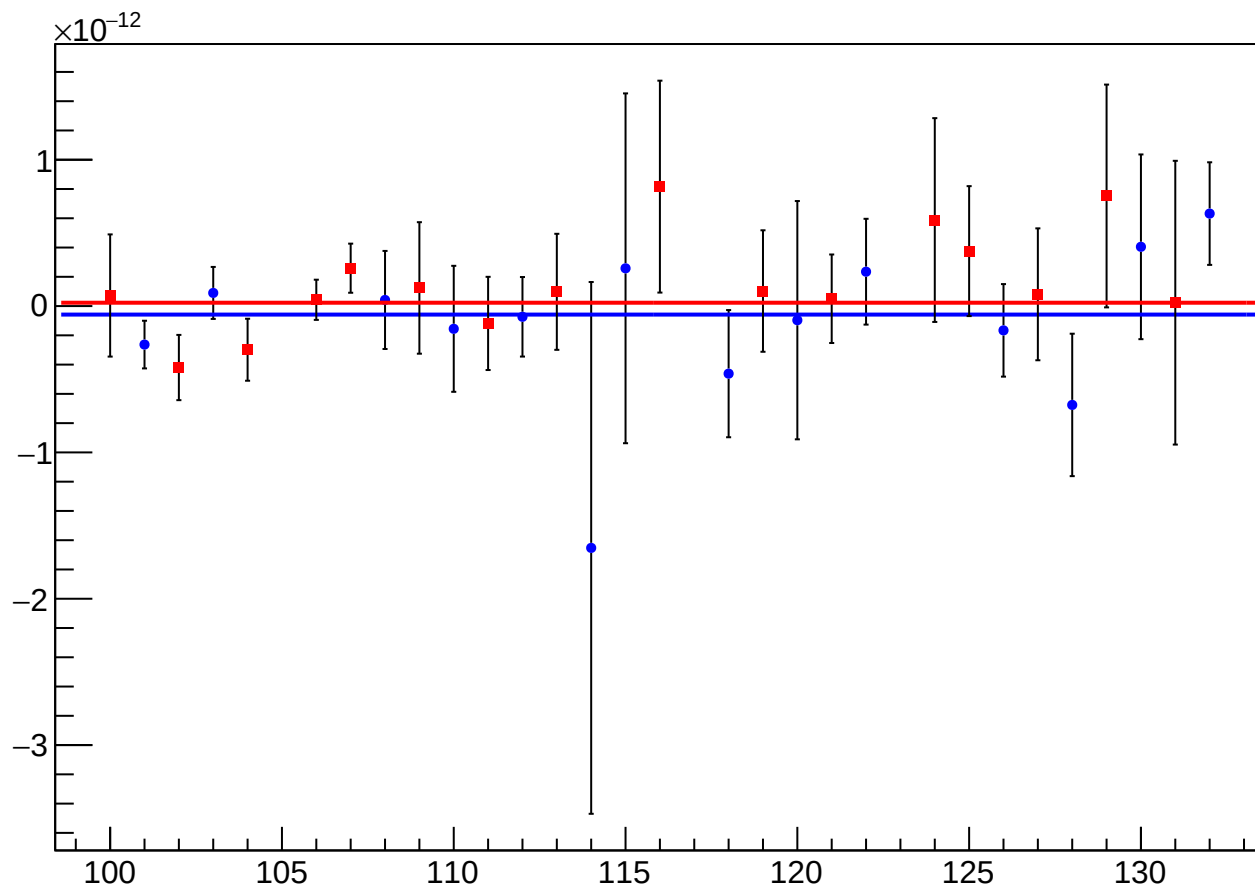
Right: 3542.983+/-0.733 χ^2/NDF : 773557.4/29

In: 3720.318+/-1.094 χ^2/NDF : 279184.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3542.983+/-0.733 χ^2/NDF : 773557.4/29

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

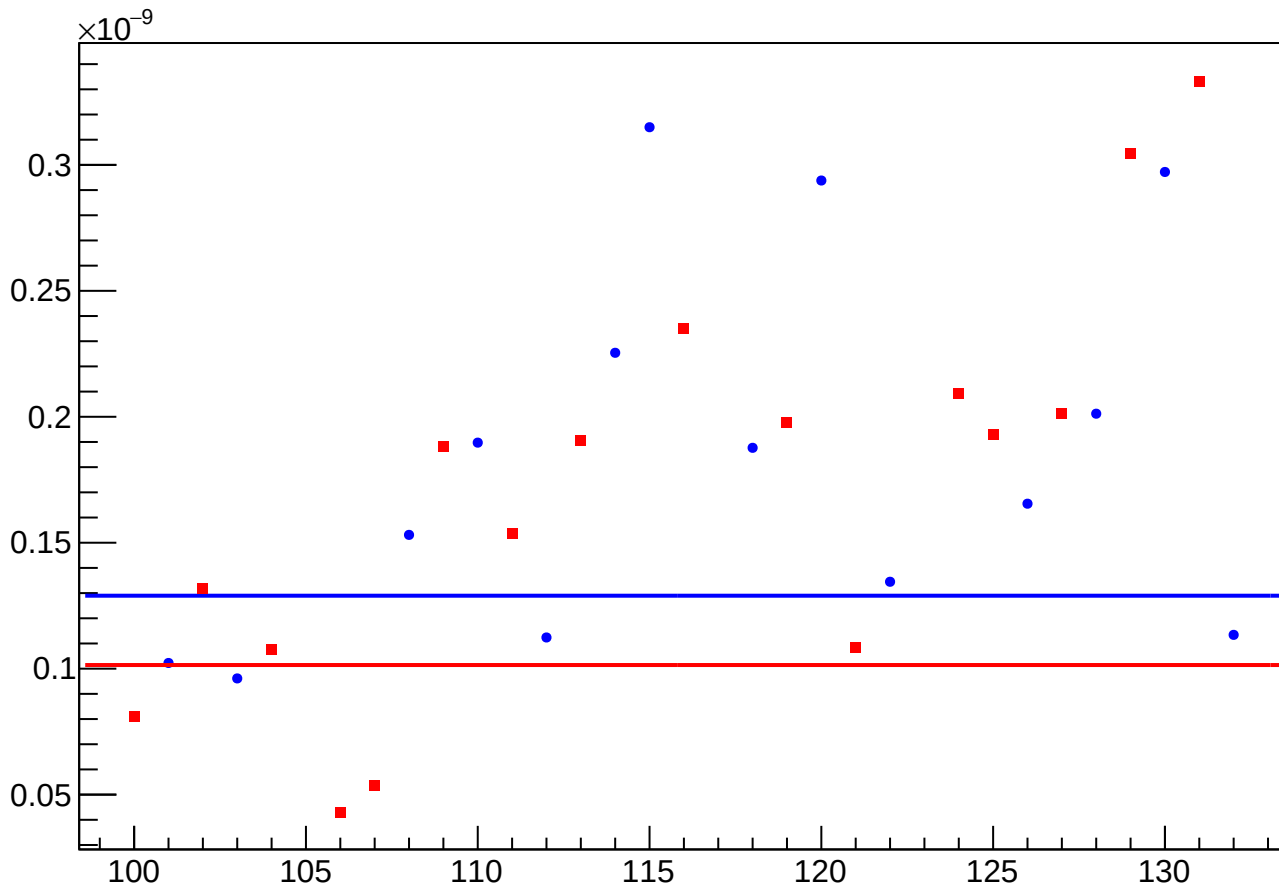
Right: -0.000+/-0.000 χ^2/NDF : 23.5/29

In: -0.000+/-0.000 χ^2/NDF : 10.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.5/29

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 569496.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1464686.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

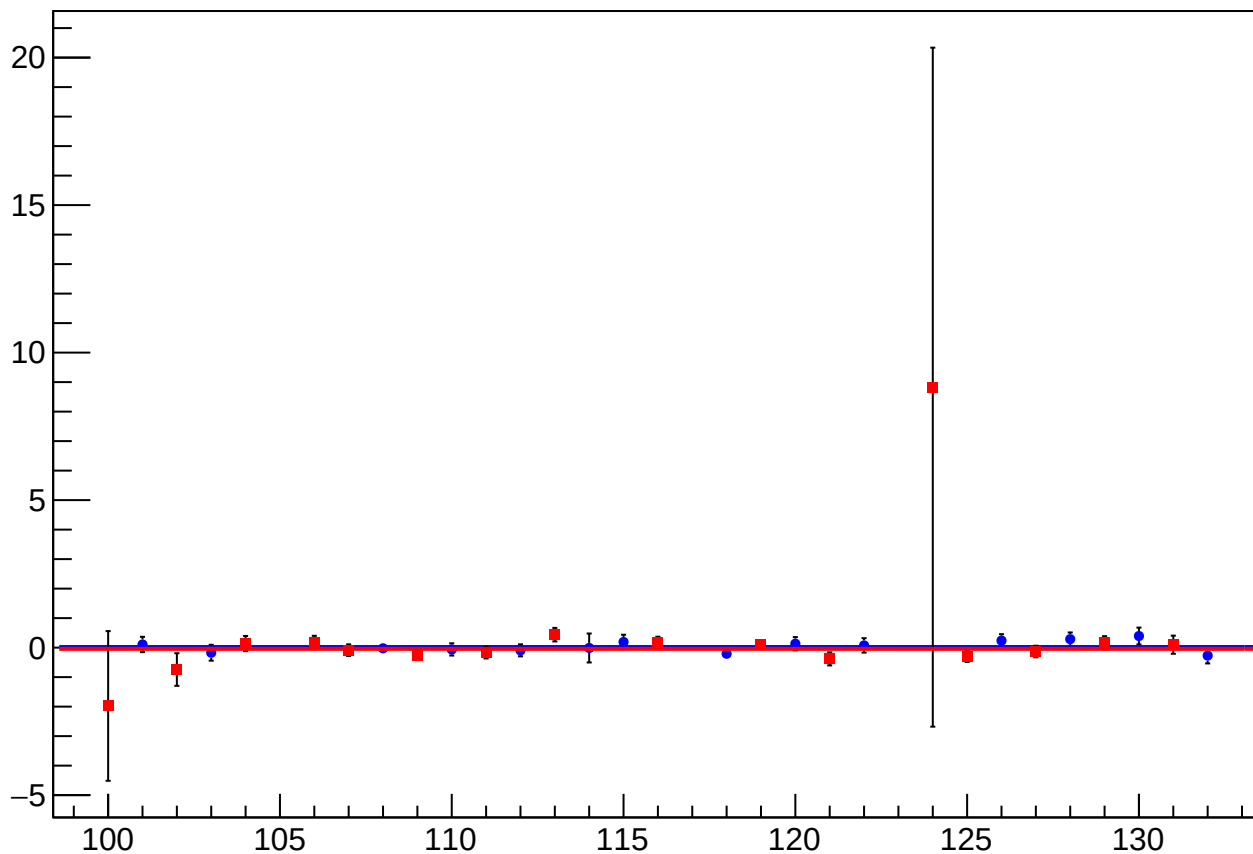
Right: 0.000+/-0.000 χ^2/NDF : 2155391.6/29

In: 0.000+/-0.000 χ^2/NDF : 569496.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2155391.6/29

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019 $\pm$ 0.060 χ^2 /NDF: 9.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.042 $\pm$ 0.056 χ^2 /NDF: 18.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

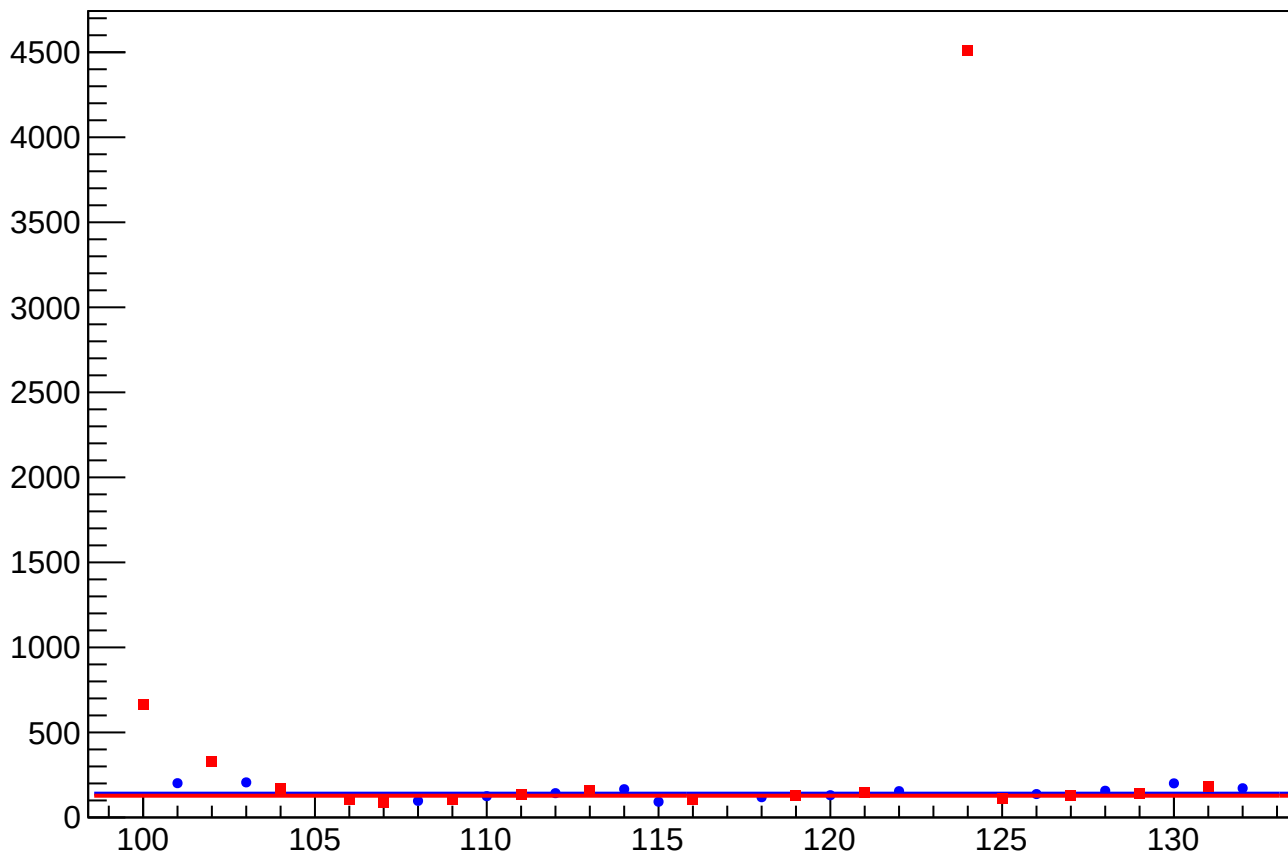
Right: -0.013 $\pm$ 0.041 χ^2 /NDF: 27.9/29

In: 0.019 $\pm$ 0.060 χ^2 /NDF:9.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.041 χ^2 /NDF: 27.9/29

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.902 $\pm$ 0.043 χ^2 /NDF: 637807.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 127.898 $\pm$ 0.040 χ^2 /NDF: 986235.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

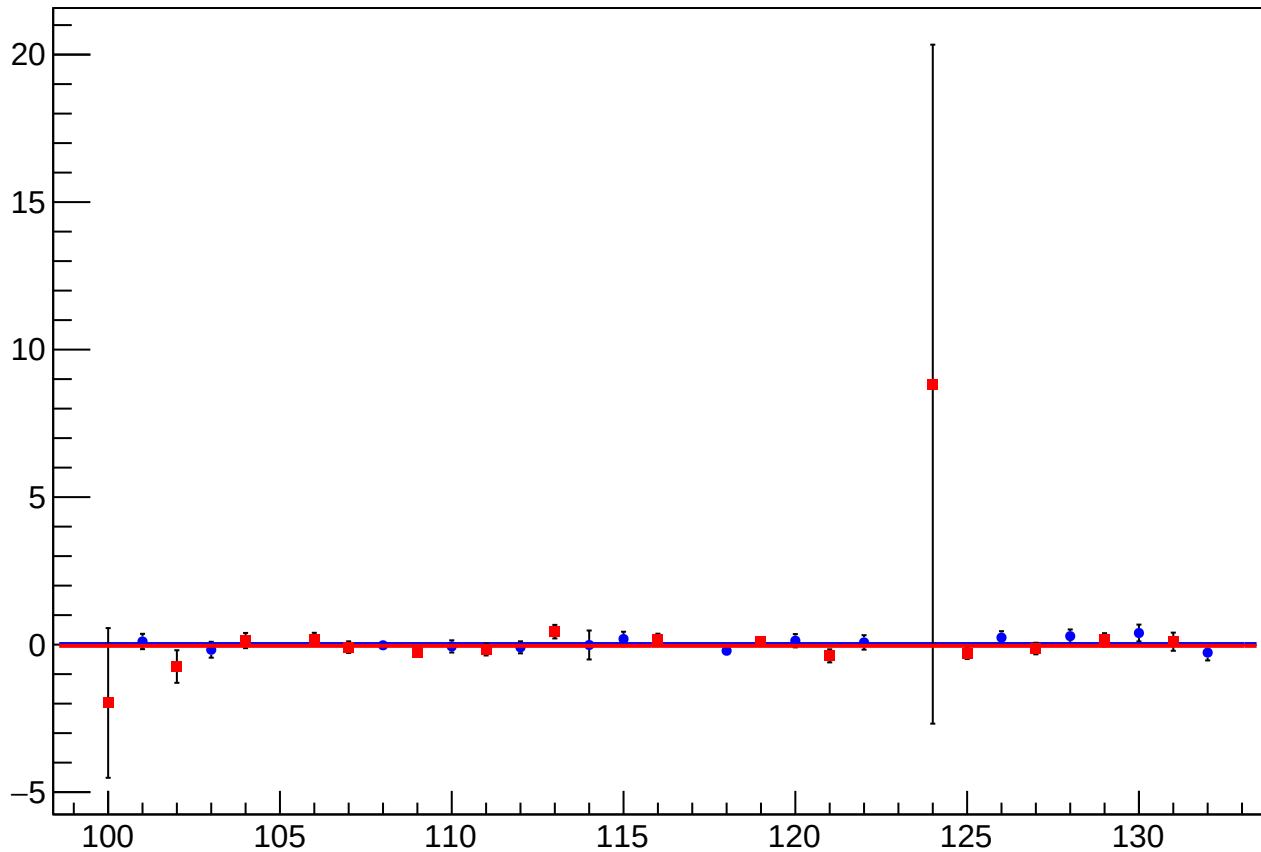
Right: 133.487 $\pm$ 0.029 χ^2 /NDF: 1666632.2/29

In: 139.902 $\pm$ 0.043 χ^2 /NDF:637807.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 133.487 $\pm$ 0.029 χ^2 /NDF: 1666632.2/29

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.060 χ^2/NDF : 9.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.042+/-0.056 χ^2/NDF : 18.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

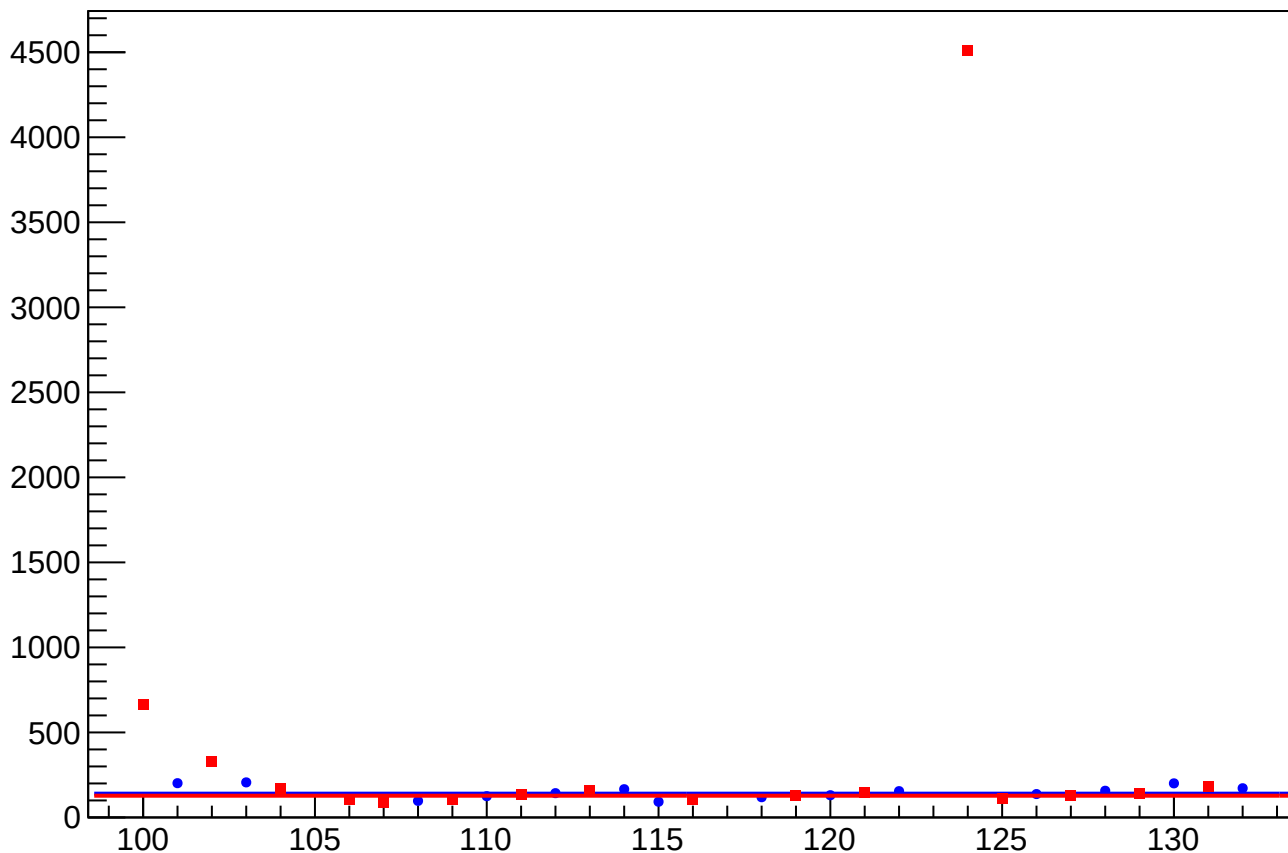
Right: -0.013+/-0.041 χ^2/NDF : 27.9/29

In: 0.019+/-0.060 χ^2/NDF : 9.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.013+/-0.041 χ^2/NDF : 27.9/29

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.902+/-0.043 χ^2/NDF : 637807.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.898+/-0.040 χ^2/NDF : 986235.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

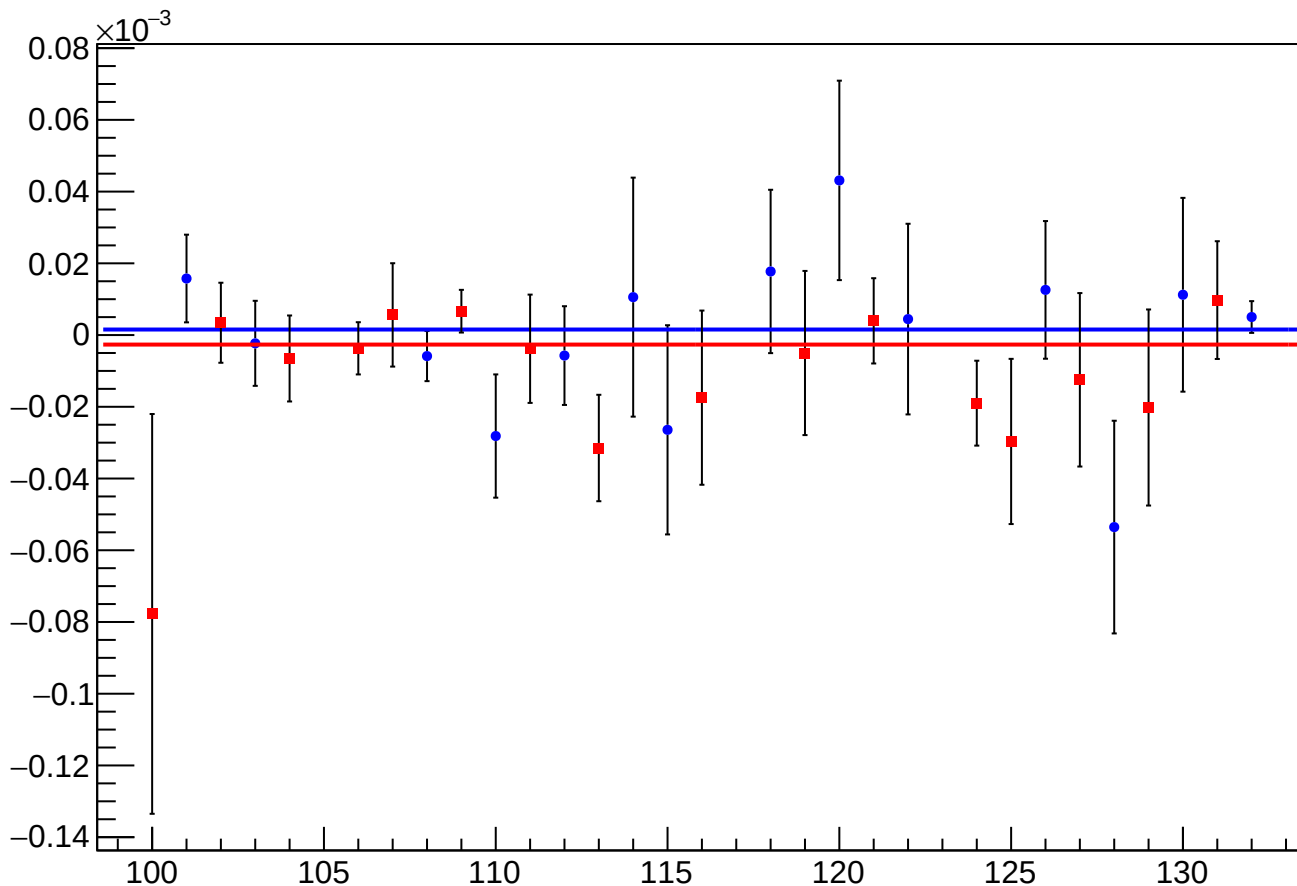
Right: 133.487+/-0.029 χ^2/NDF : 1666632.2/29

In: 139.902+/-0.043 χ^2/NDF : 637807.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.487+/-0.029 χ^2/NDF : 1666632.2/29

asym_at1_avg_at2_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

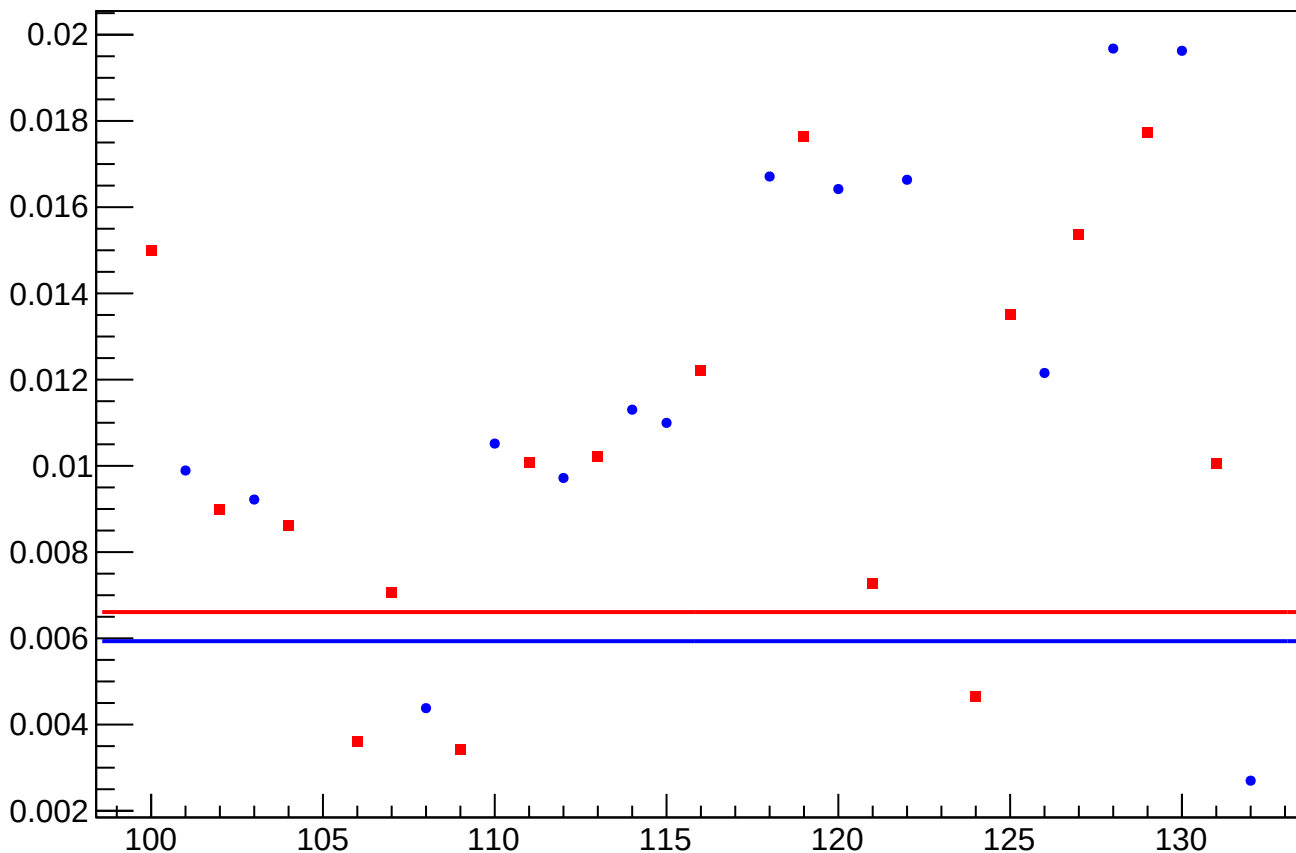
Right: -0.000+/-0.000 χ^2/NDF : 29.0/29

In: 0.000+/-0.000 χ^2/NDF : 14.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.0/29

asym_at1_avg_at2_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 4146422.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 2821437.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

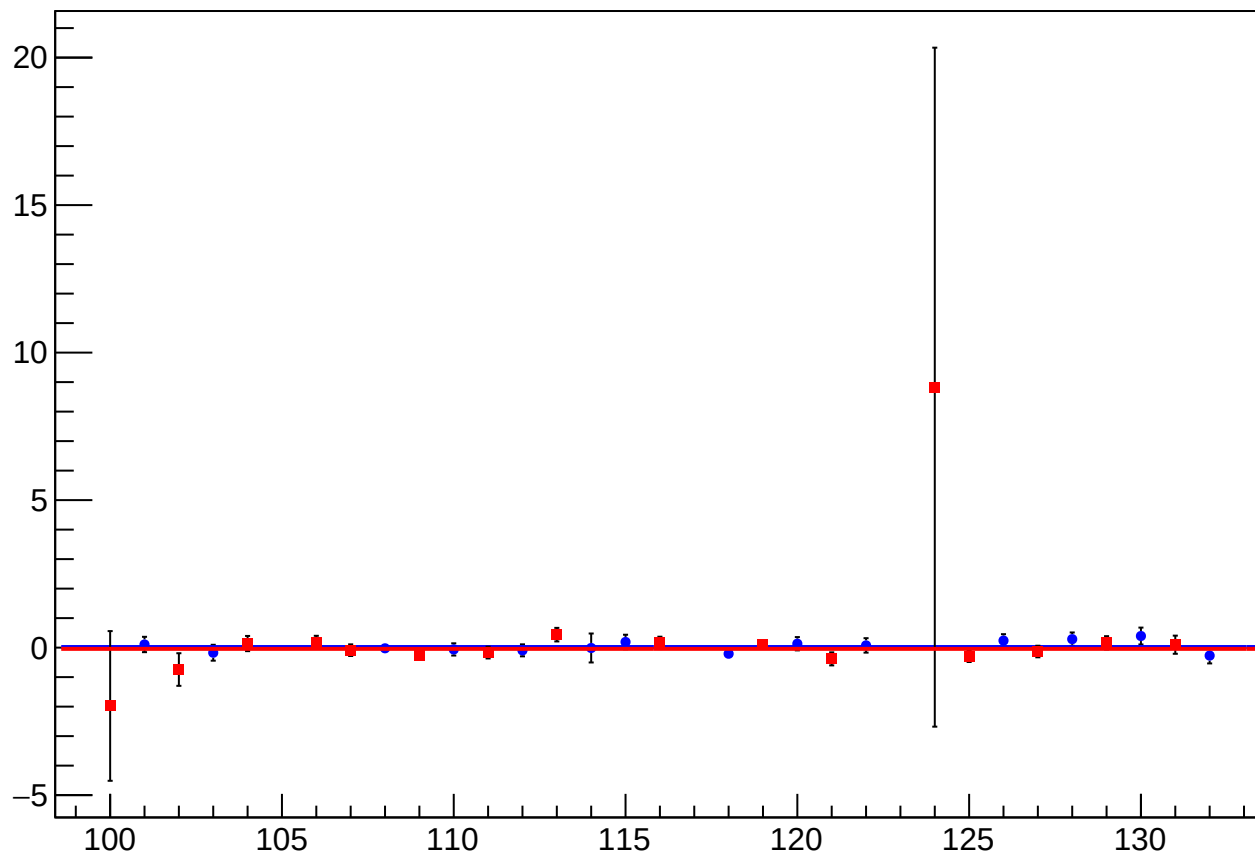
Right: 0.006+/-0.000 χ^2/NDF : 7015366.7/29

In: 0.006+/-0.000 χ^2/NDF :4146422.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 7015366.7/29

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.060 χ^2/NDF : 9.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.042+/-0.056 χ^2/NDF : 18.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

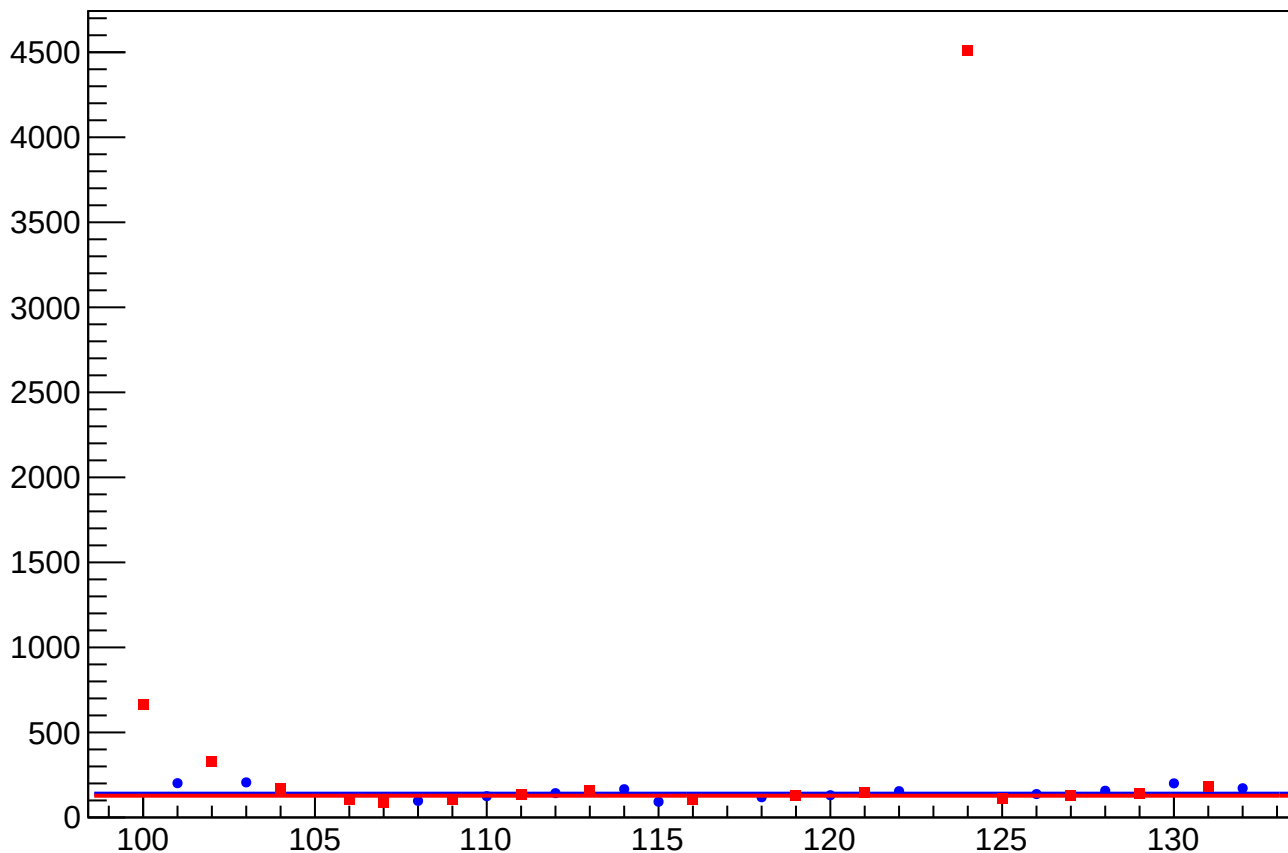
Right: -0.013+/-0.041 χ^2/NDF : 27.9/29

In: 0.019+/-0.060 χ^2/NDF : 9.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.013+/-0.041 χ^2/NDF : 27.9/29

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.902+/-0.043 χ^2/NDF : 637732.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.900+/-0.040 χ^2/NDF : 986165.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

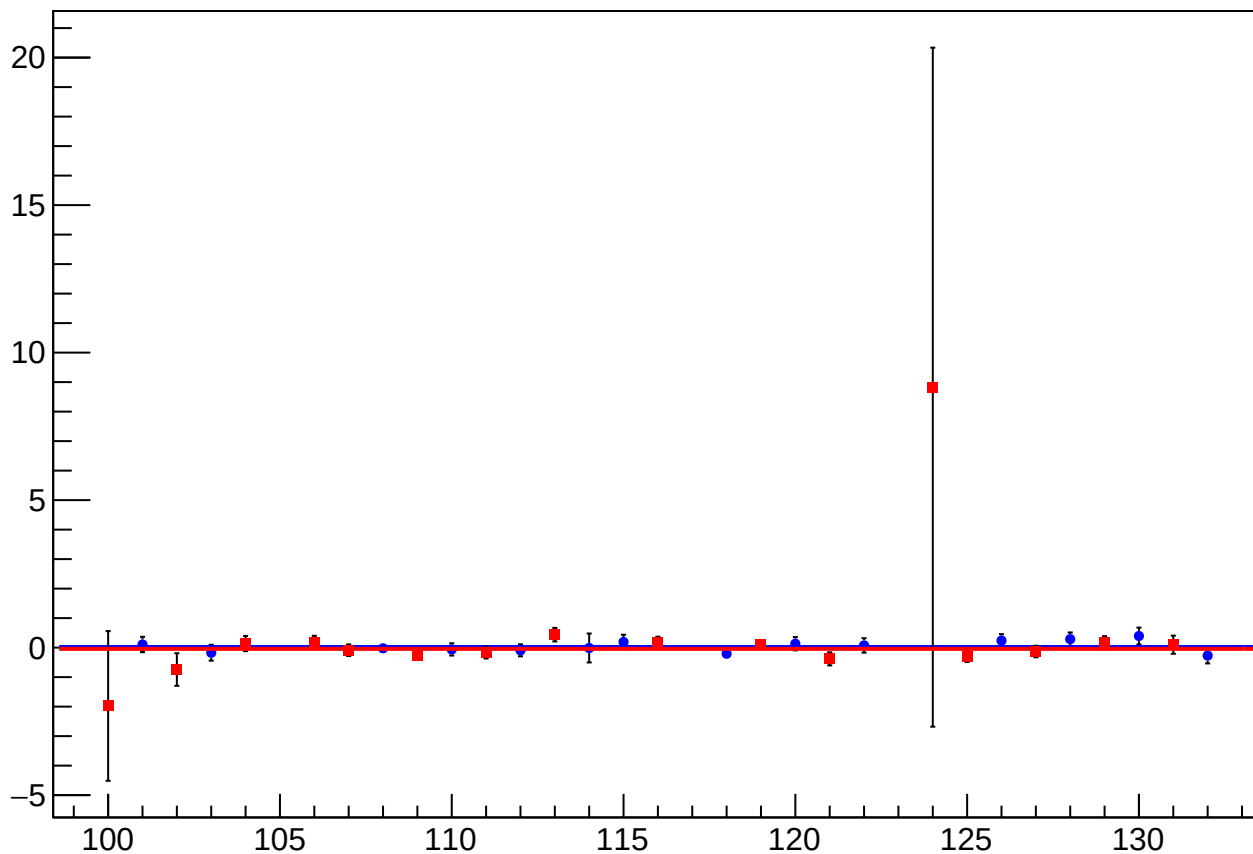
Right: 133.488+/-0.029 χ^2/NDF : 1666477.1/29

In: 139.902+/-0.043 χ^2/NDF : 637732.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.488+/-0.029 χ^2/NDF : 1666477.1/29

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019 $\pm$ 0.060 χ^2 /NDF: 9.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.042 $\pm$ 0.056 χ^2 /NDF: 18.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

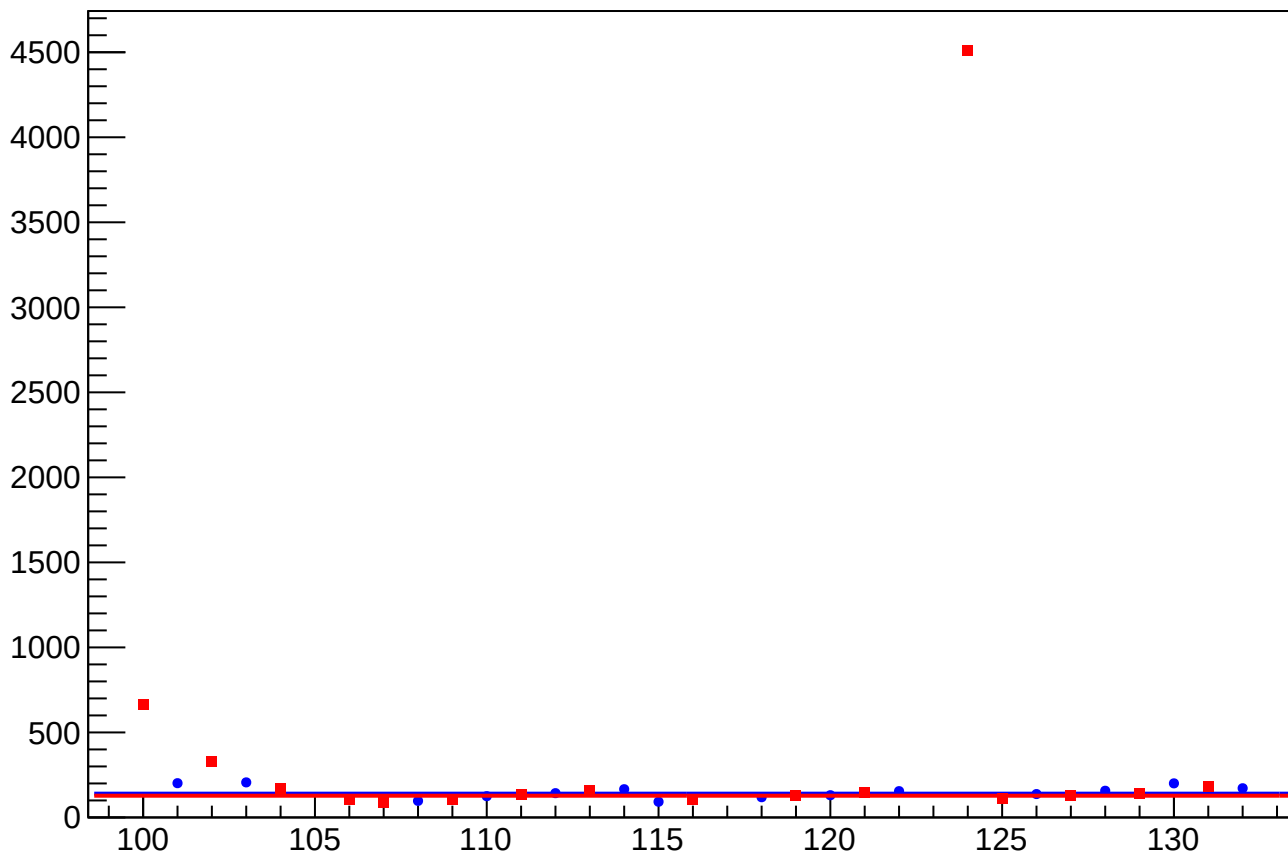
Right: -0.013 $\pm$ 0.041 χ^2 /NDF: 27.9/29

In: 0.019 $\pm$ 0.060 χ^2 /NDF:9.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.041 χ^2 /NDF: 27.9/29

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.902+/-0.043 χ^2/NDF : 637732.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.900+/-0.040 χ^2/NDF : 986165.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

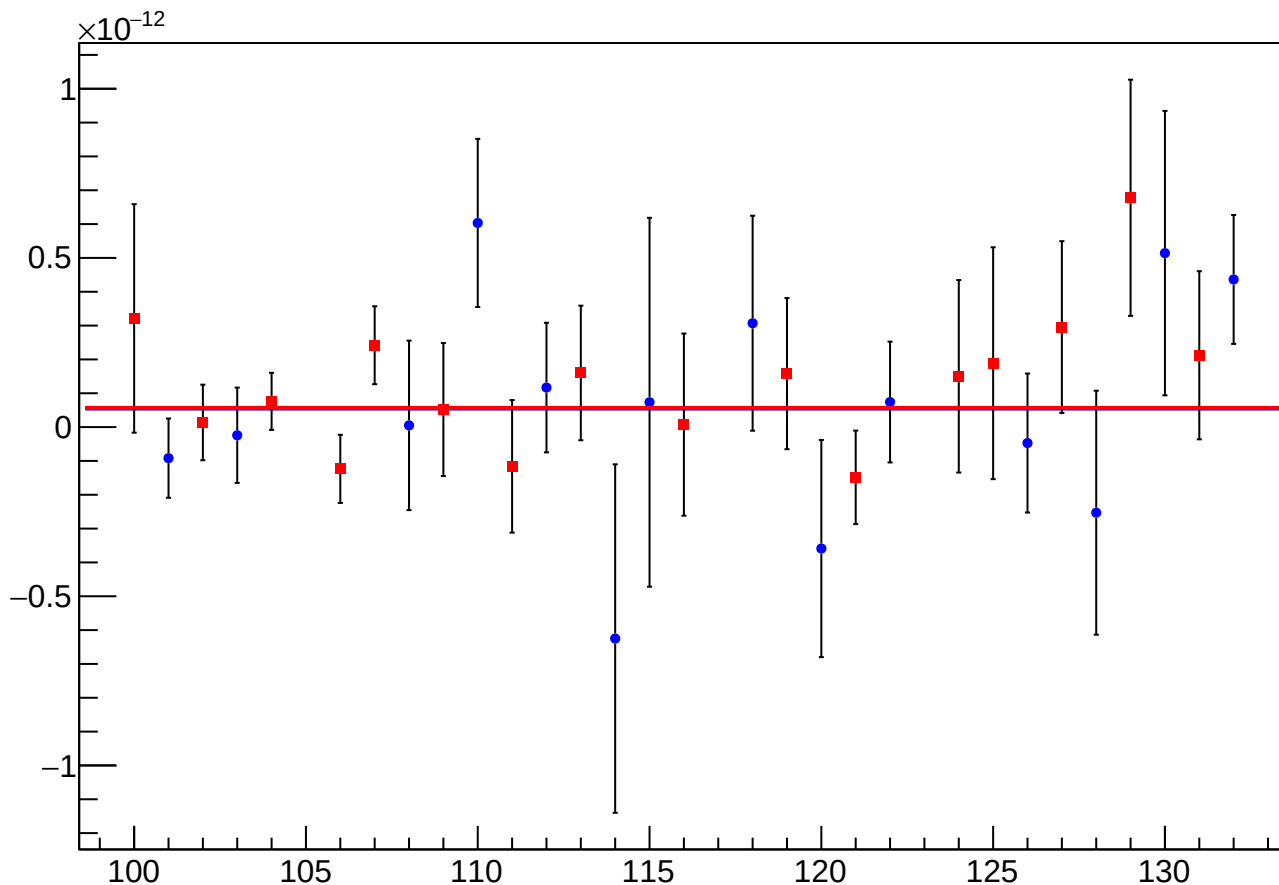
Right: 133.488+/-0.029 χ^2/NDF : 1666477.1/29

In: 139.902+/-0.043 χ^2/NDF : 637732.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.488+/-0.029 χ^2/NDF : 1666477.1/29

asym_at1_avg_at2_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 17.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

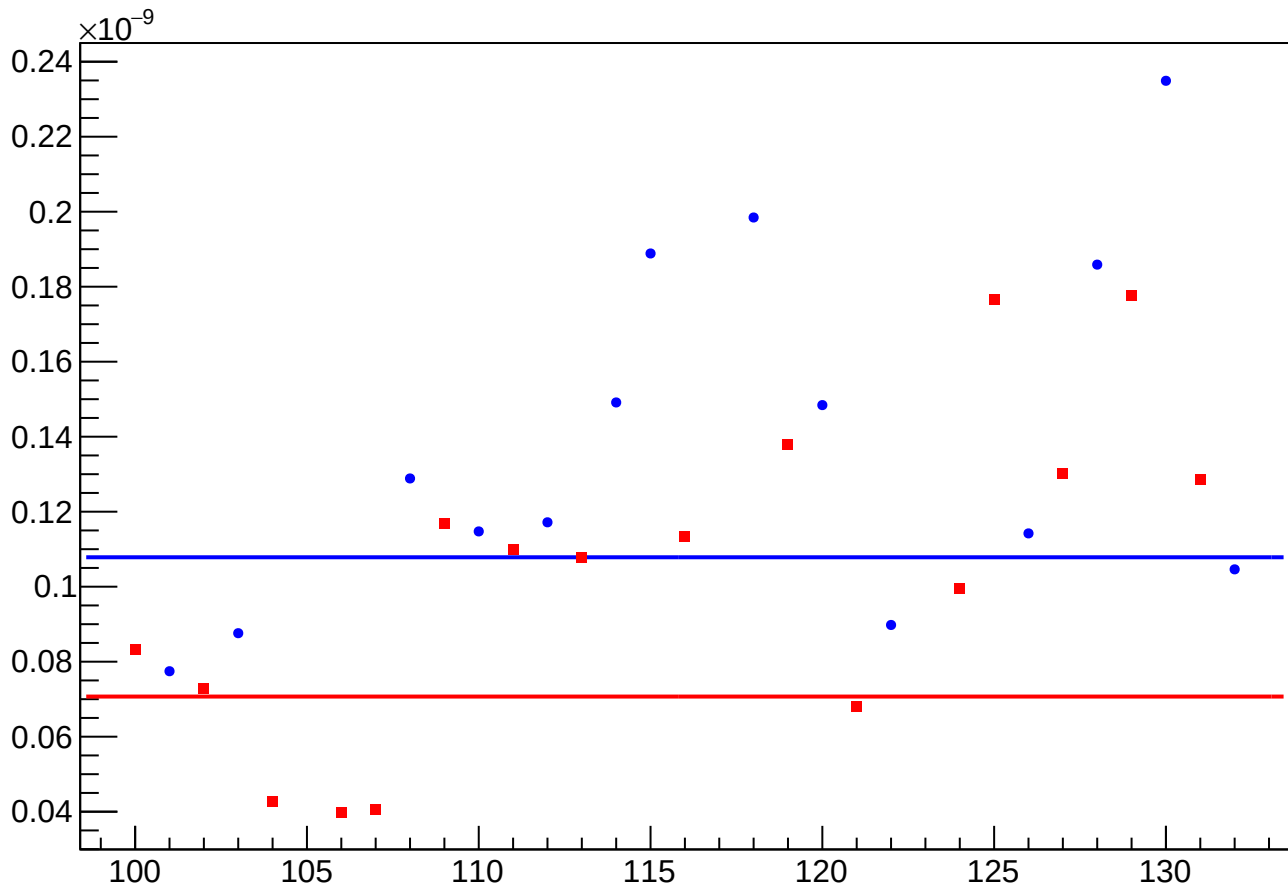
Right: 0.000+/-0.000 χ^2/NDF : 31.9/29

In: 0.000+/-0.000 χ^2/NDF : 17.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 31.9/29

asym_at1_avg_at2_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 747350.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1655056.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

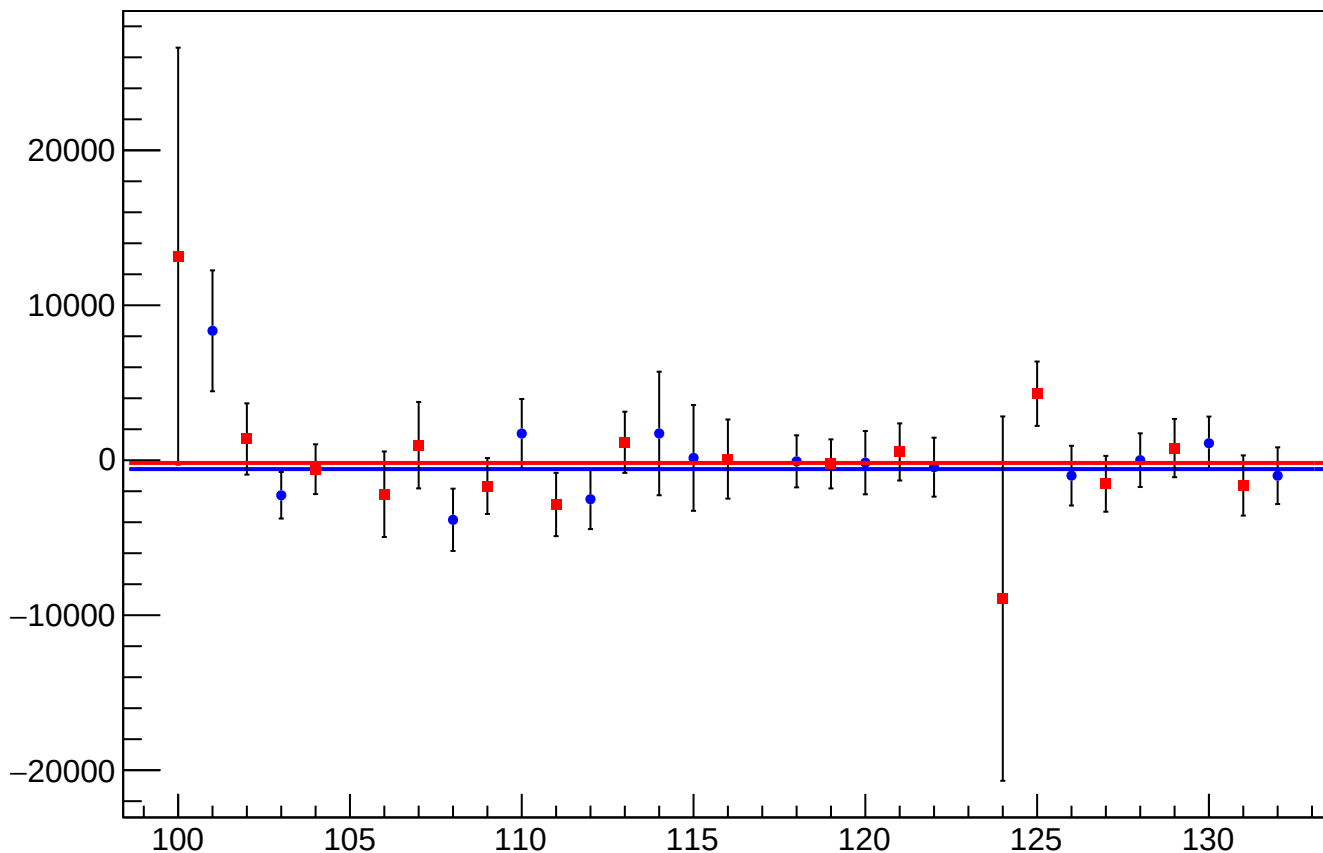
Right: 0.000+/-0.000 χ^2/NDF : 2969255.1/29

In: 0.000+/-0.000 χ^2/NDF :747350.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2969255.1/29

reg_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -571.910+/-535.663 χ^2/NDF : 12.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -173.251+/-528.071 χ^2/NDF : 11.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

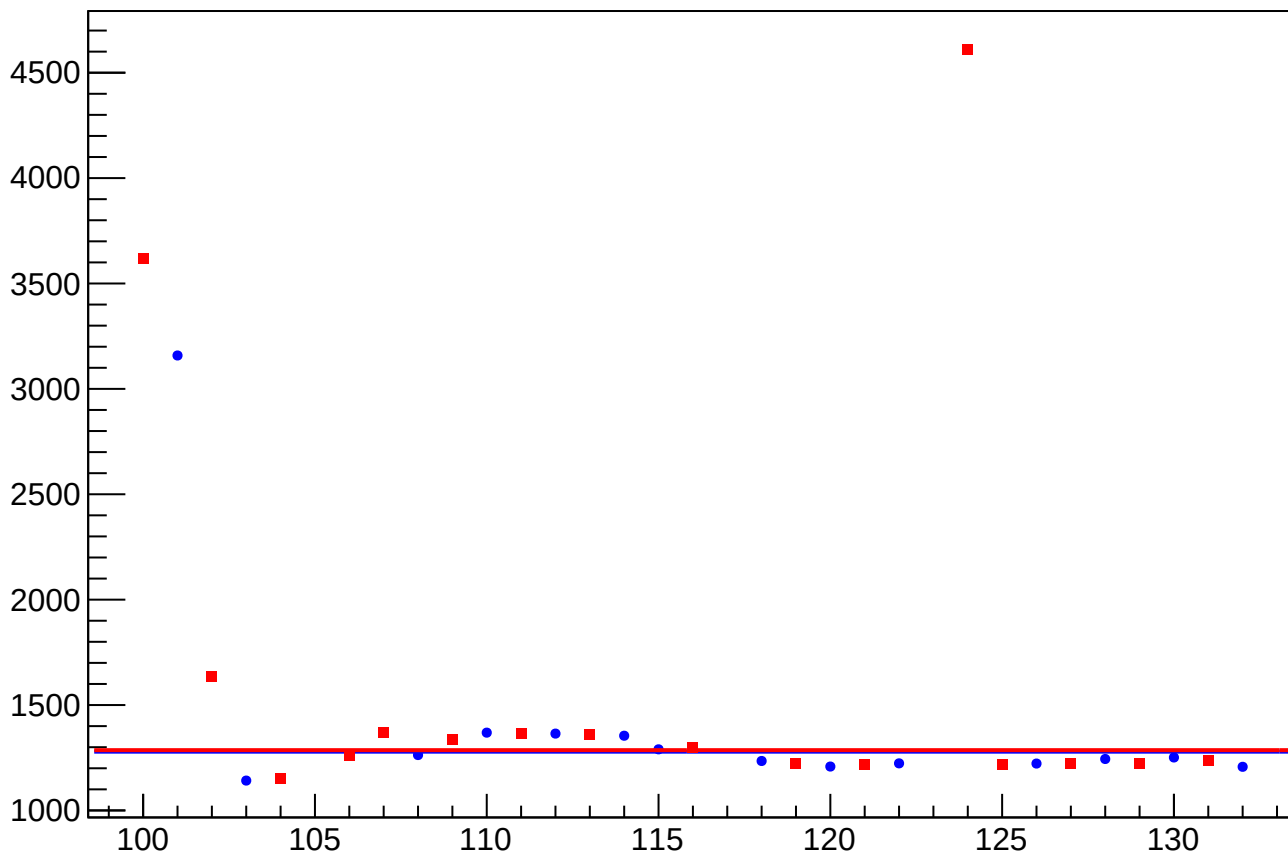
Right: -369.735+/-376.058 χ^2/NDF : 25.0/29

In: -571.910+/-535.663 χ^2/NDF : 12.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -369.735+/-376.058 χ^2/NDF : 25.0/29

reg_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1278.879+/-0.379 χ^2/NDF : 500878.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1285.946+/-0.372 χ^2/NDF : 303955.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

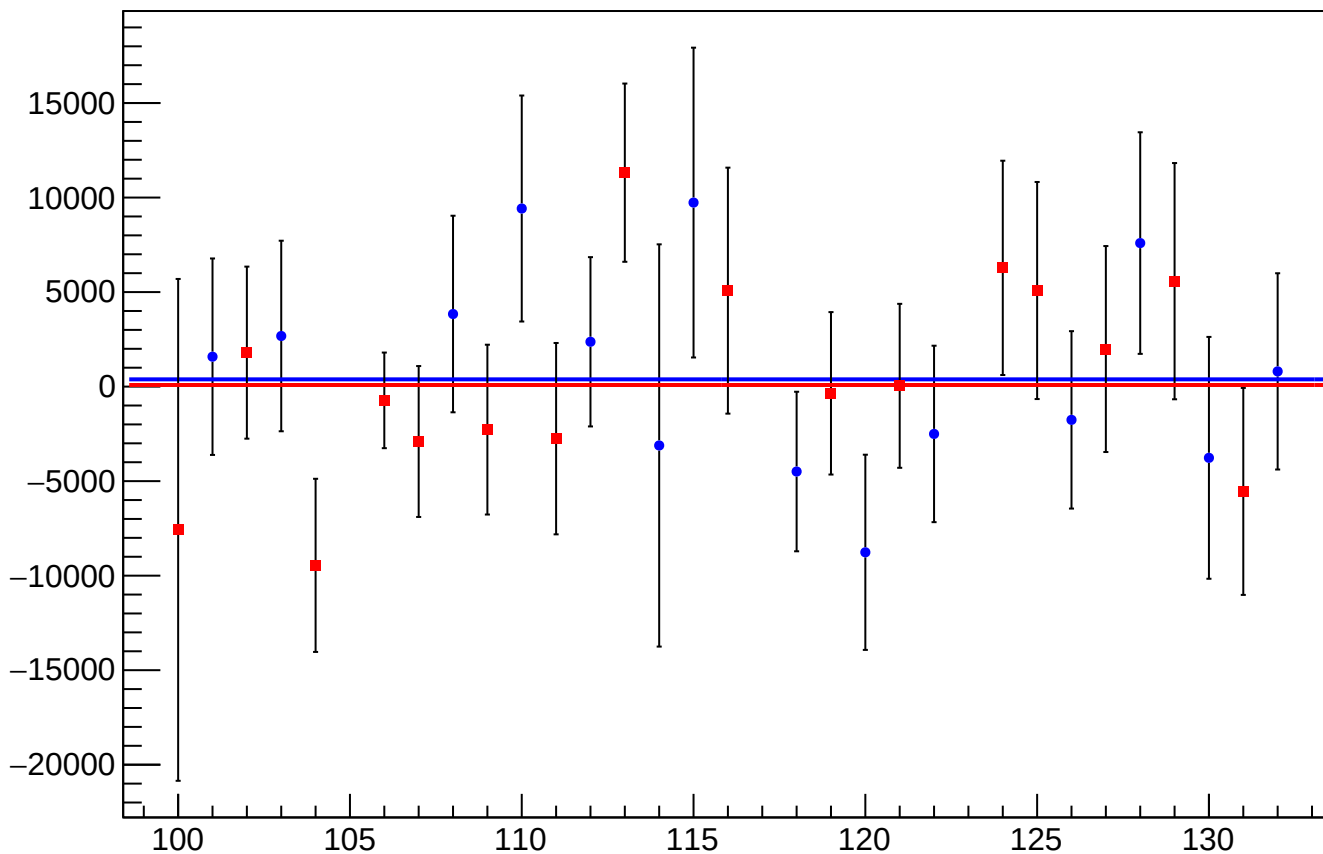
Right: 1282.474+/-0.265 χ^2/NDF : 805010.3/29

In: 1278.879+/-0.379 χ^2/NDF : 500878.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1282.474+/-0.265 χ^2/NDF : 805010.3/29

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 384.055+/-1427.553 χ^2/NDF : 11.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.501+/-1162.841 χ^2/NDF : 16.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

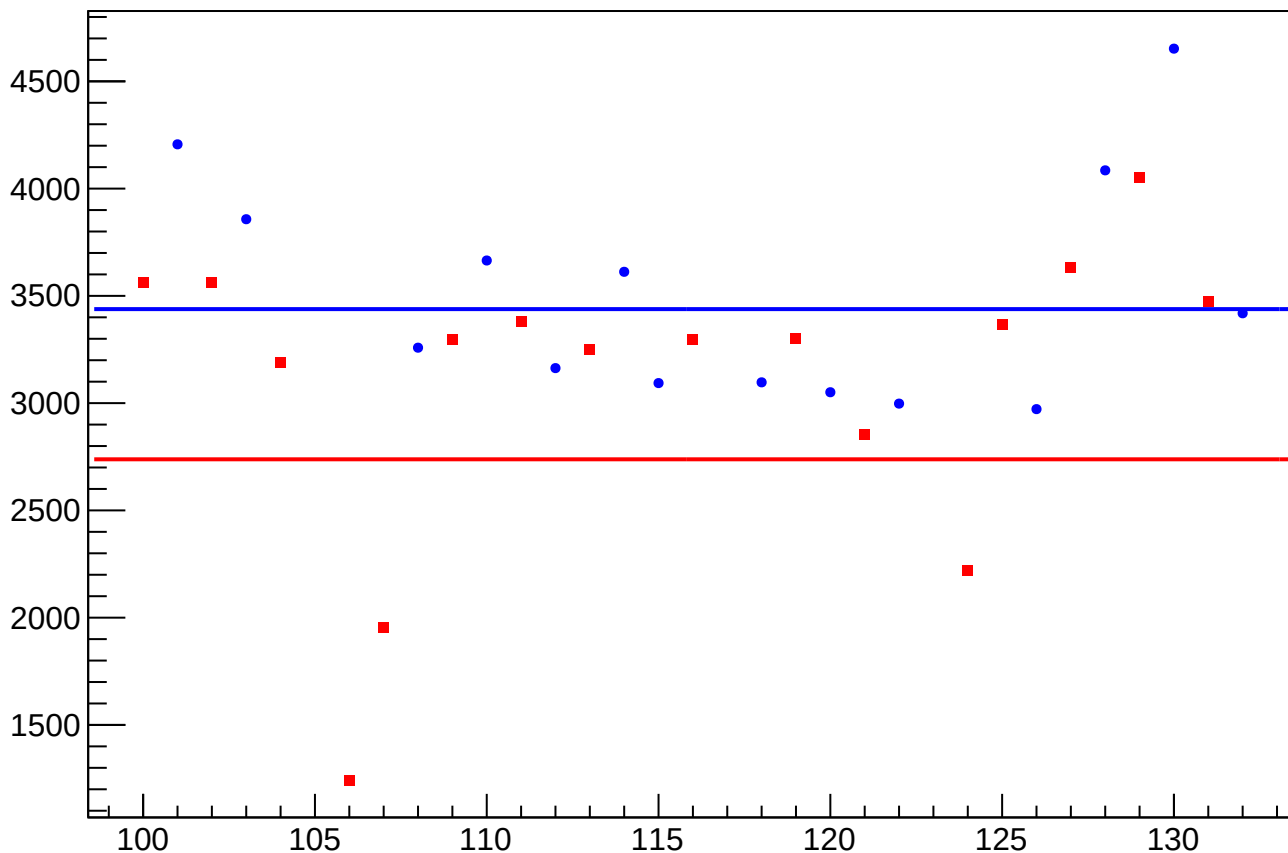
Right: 204.584+/-901.583 χ^2/NDF : 27.9/29

In: 384.055+/-1427.553 χ^2/NDF : 11.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 204.584+/-901.583 χ^2/NDF : 27.9/29

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3438.273+/-1.009 χ^2/NDF : 232786.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2738.152+/-0.822 χ^2/NDF : 1226964.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

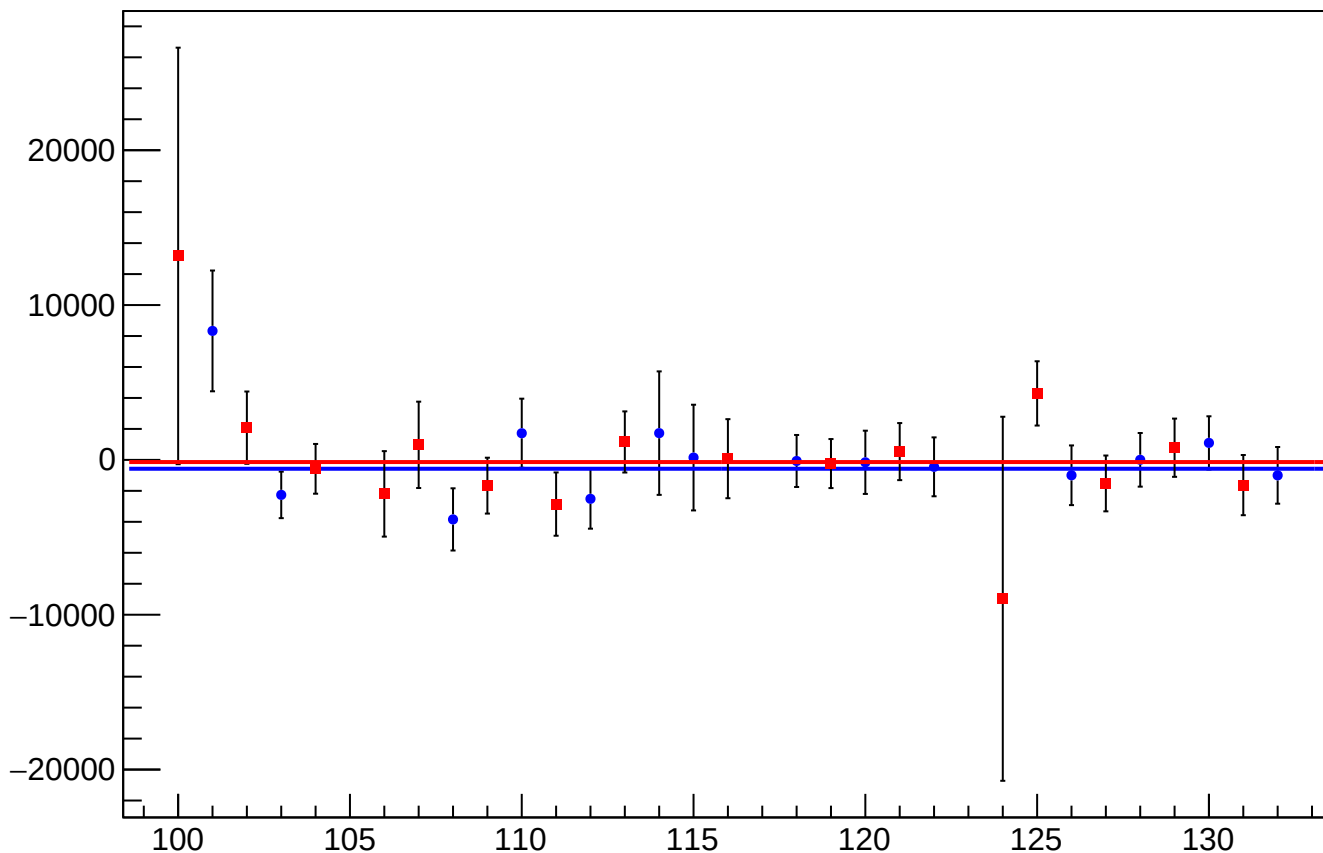
Right: 3017.406+/-0.638 χ^2/NDF : 1748926.9/29

In: 3438.273+/-1.009 χ^2/NDF : 232786.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3017.406+/-0.638 χ^2/NDF : 1748926.9/29

cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -572.381+/-535.663 χ^2/NDF : 12.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -139.394+/-528.482 χ^2/NDF : 12.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

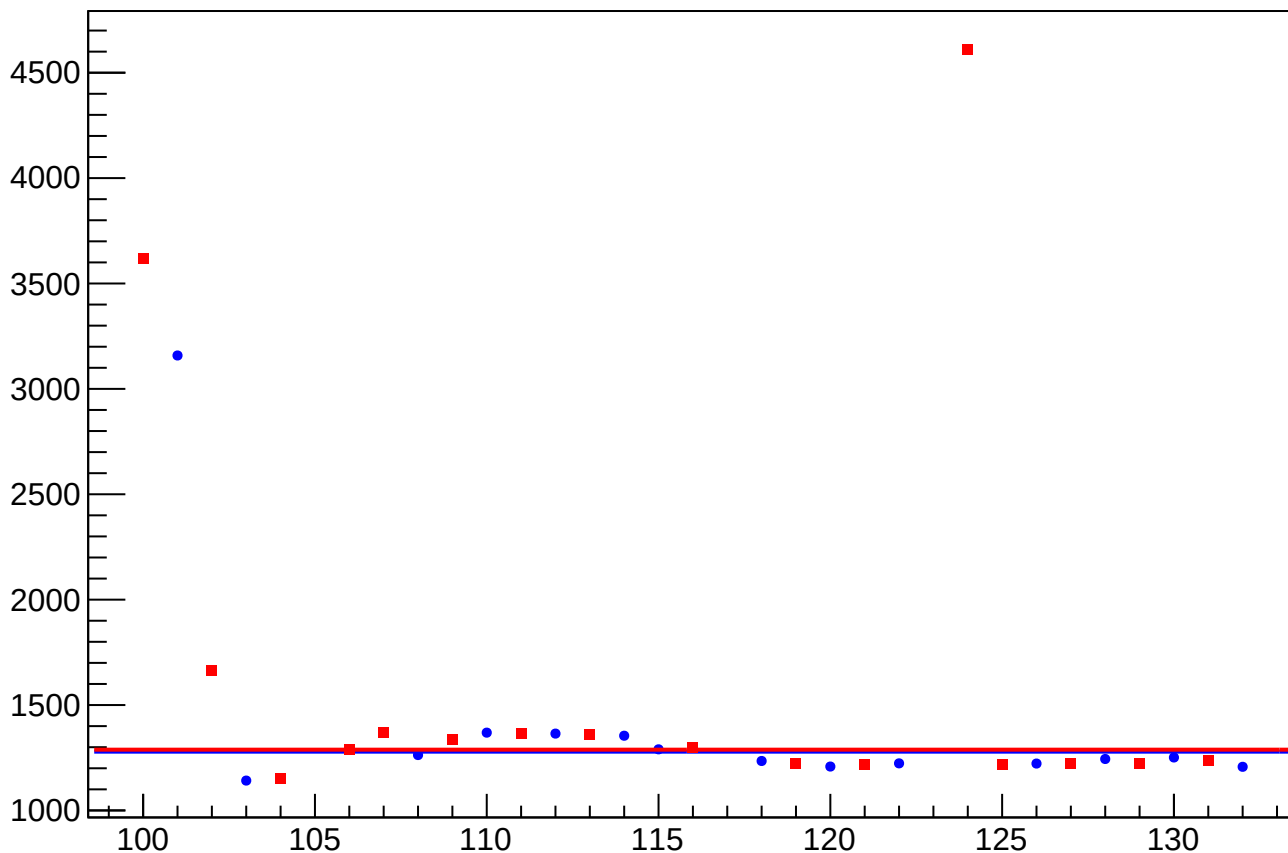
Right: -352.965+/-376.206 χ^2/NDF : 25.5/29

In: -572.381+/-535.663 χ^2/NDF : 12.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -352.965+/-376.206 χ^2/NDF : 25.5/29

cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1278.879+/-0.379 χ^2/NDF : 500879.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1288.280+/-0.373 χ^2/NDF : 310914.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

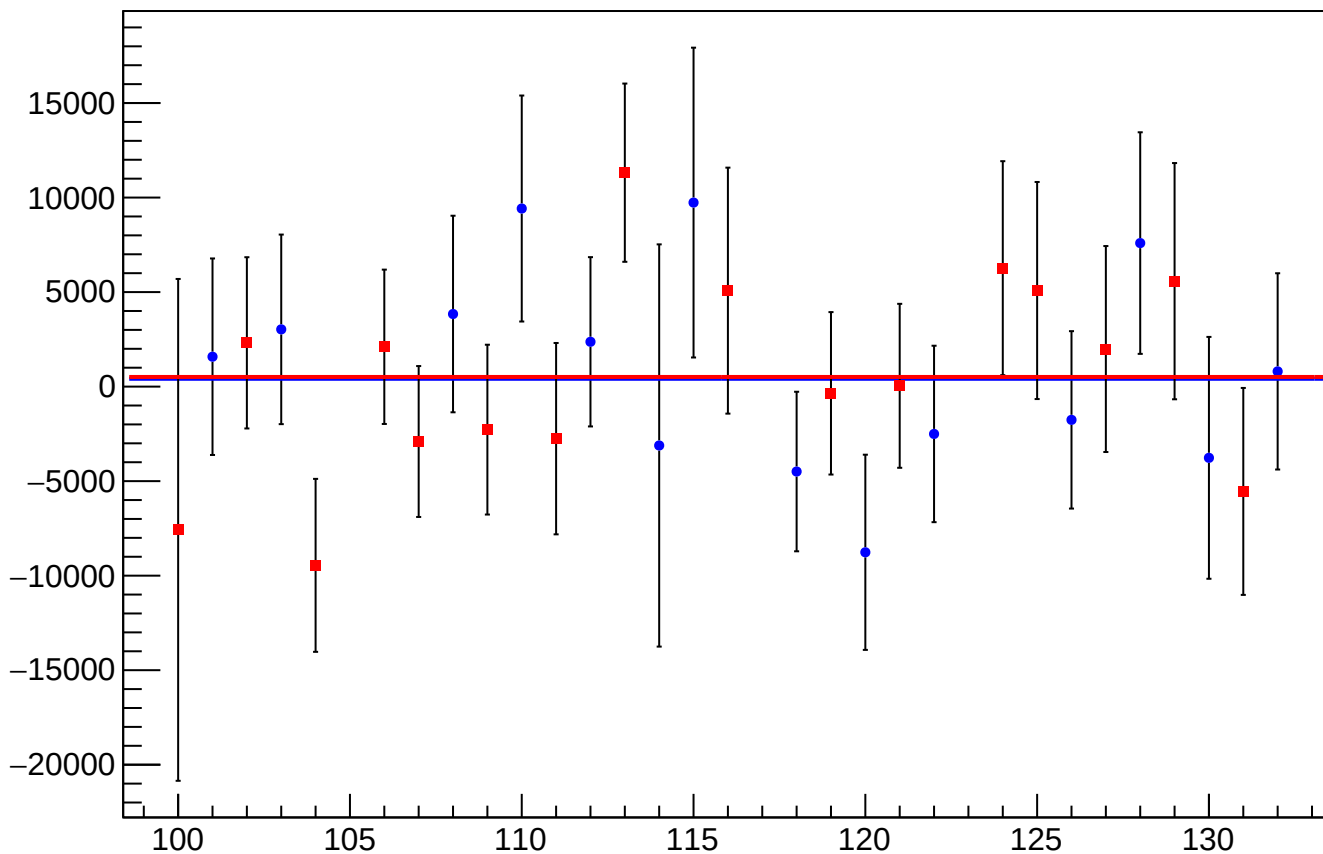
Right: 1283.653+/-0.266 χ^2/NDF : 812106.3/29

In: 1278.879+/-0.379 χ^2/NDF : 500879.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1283.653+/-0.266 χ^2/NDF : 812106.3/29

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 414.235 $\pm$ 1426.984 χ^2 /NDF: 11.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 510.547 $\pm$ 1246.284 χ^2 /NDF: 16.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

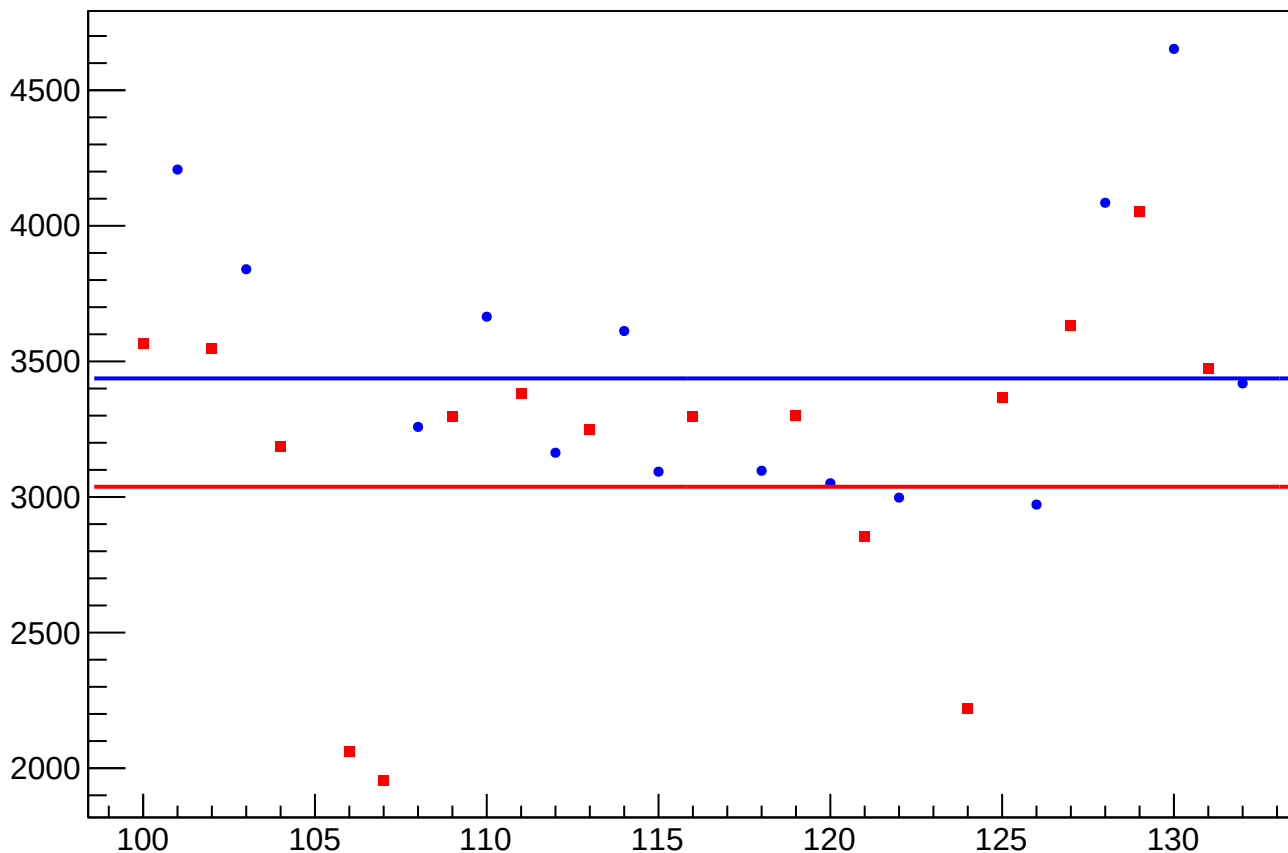
Right: 468.872 $\pm$ 938.682 χ^2 /NDF: 28.1/29

In: 414.235 $\pm$ 1426.984 χ^2 /NDF:11.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 468.872 $\pm$ 938.682 χ^2 /NDF: 28.1/29

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3437.268+/-1.009 χ^2/NDF : 231903.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3037.788+/-0.881 χ^2/NDF : 464375.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

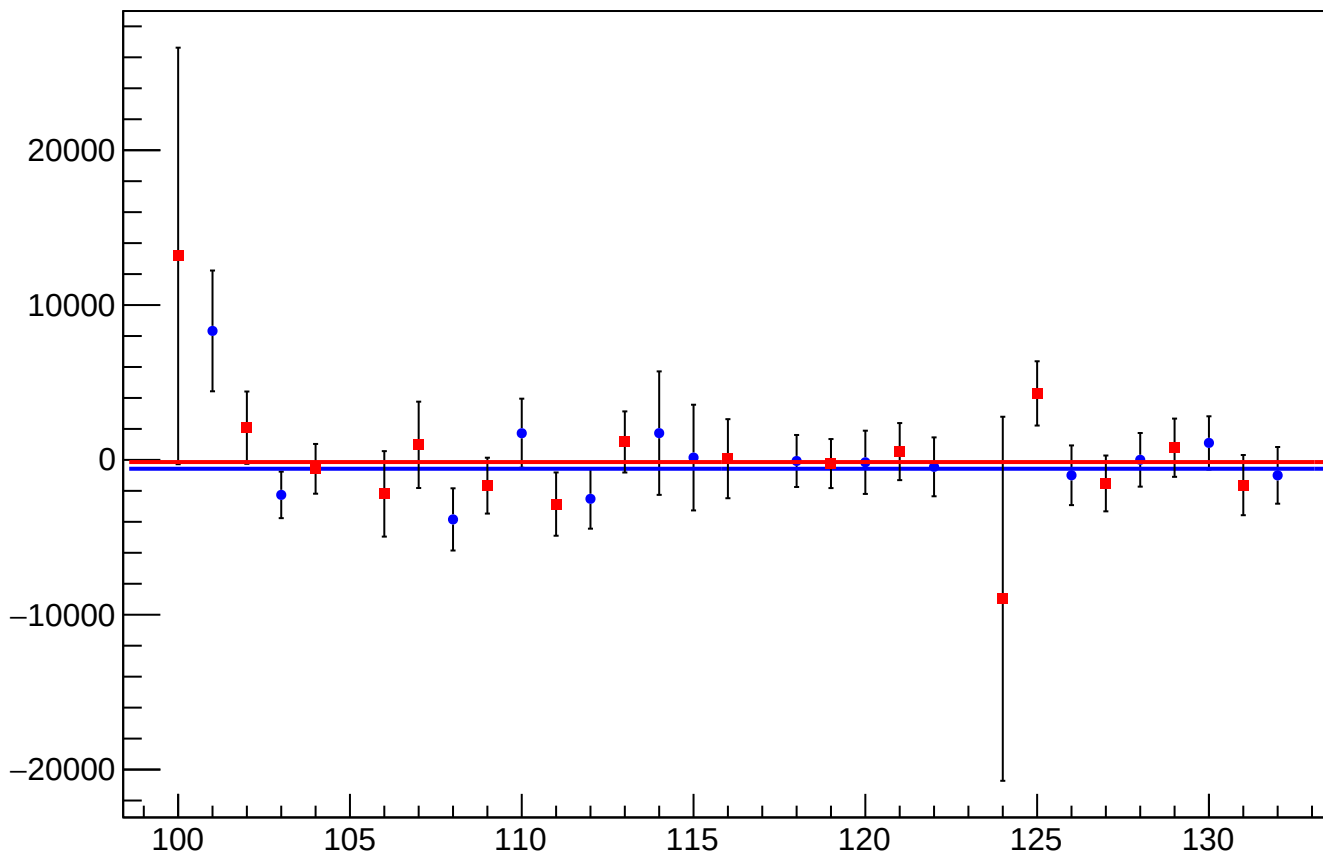
Right: 3210.648+/-0.664 χ^2/NDF : 785196.0/29

In: 3437.268+/-1.009 χ^2/NDF : 231903.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3210.648+/-0.664 χ^2/NDF : 785196.0/29

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -572.381+/-535.663 χ^2/NDF : 12.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -139.394+/-528.482 χ^2/NDF : 12.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

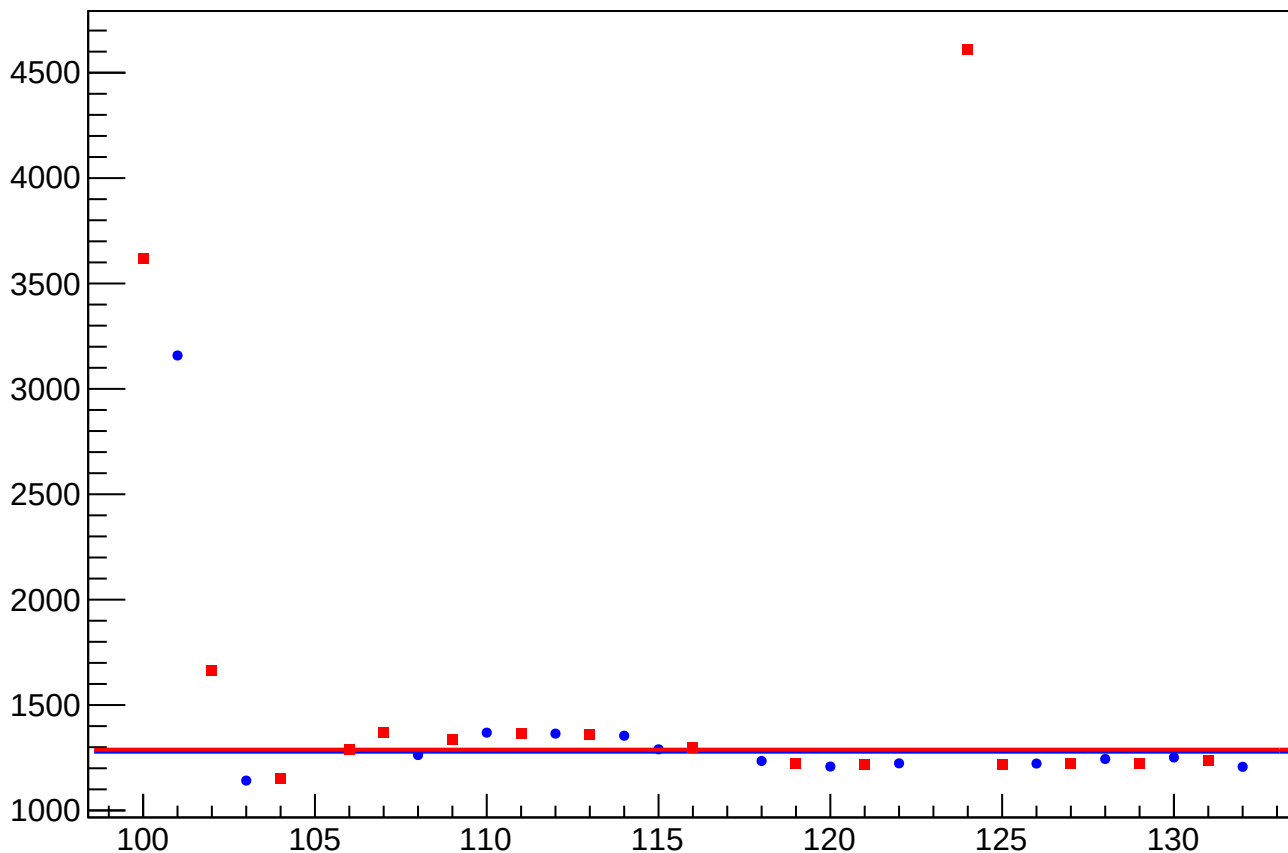
Right: -352.965+/-376.206 χ^2/NDF : 25.5/29

In: -572.381+/-535.663 χ^2/NDF : 12.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -352.965+/-376.206 χ^2/NDF : 25.5/29

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1278.879+/-0.379 χ^2/NDF : 500879.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1288.280+/-0.373 χ^2/NDF : 310914.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

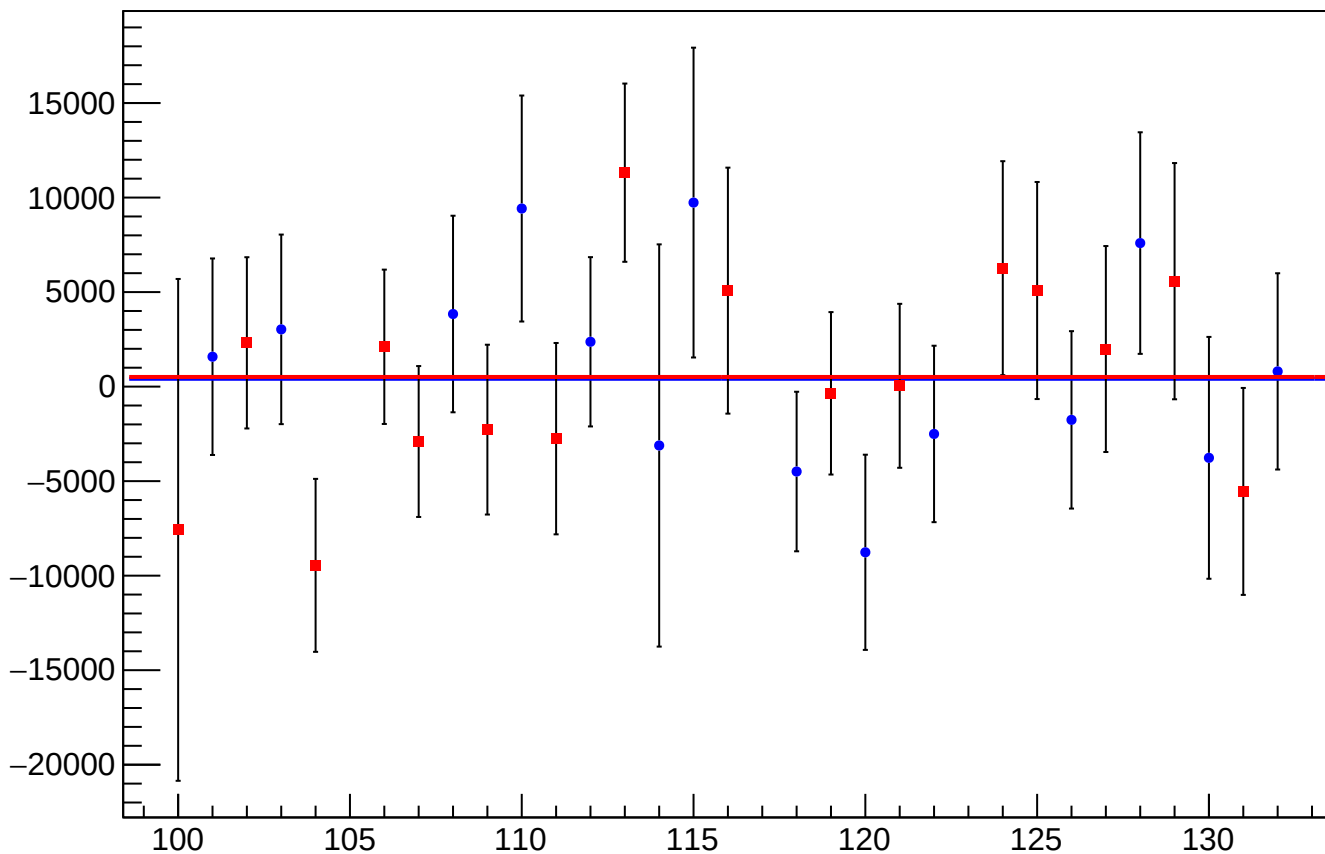
Right: 1283.653+/-0.266 χ^2/NDF : 812106.3/29

In: 1278.879+/-0.379 χ^2/NDF : 500879.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1283.653+/-0.266 χ^2/NDF : 812106.3/29

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 414.235 $\pm$ 1426.984 χ^2 /NDF: 11.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 510.547 $\pm$ 1246.284 χ^2 /NDF: 16.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

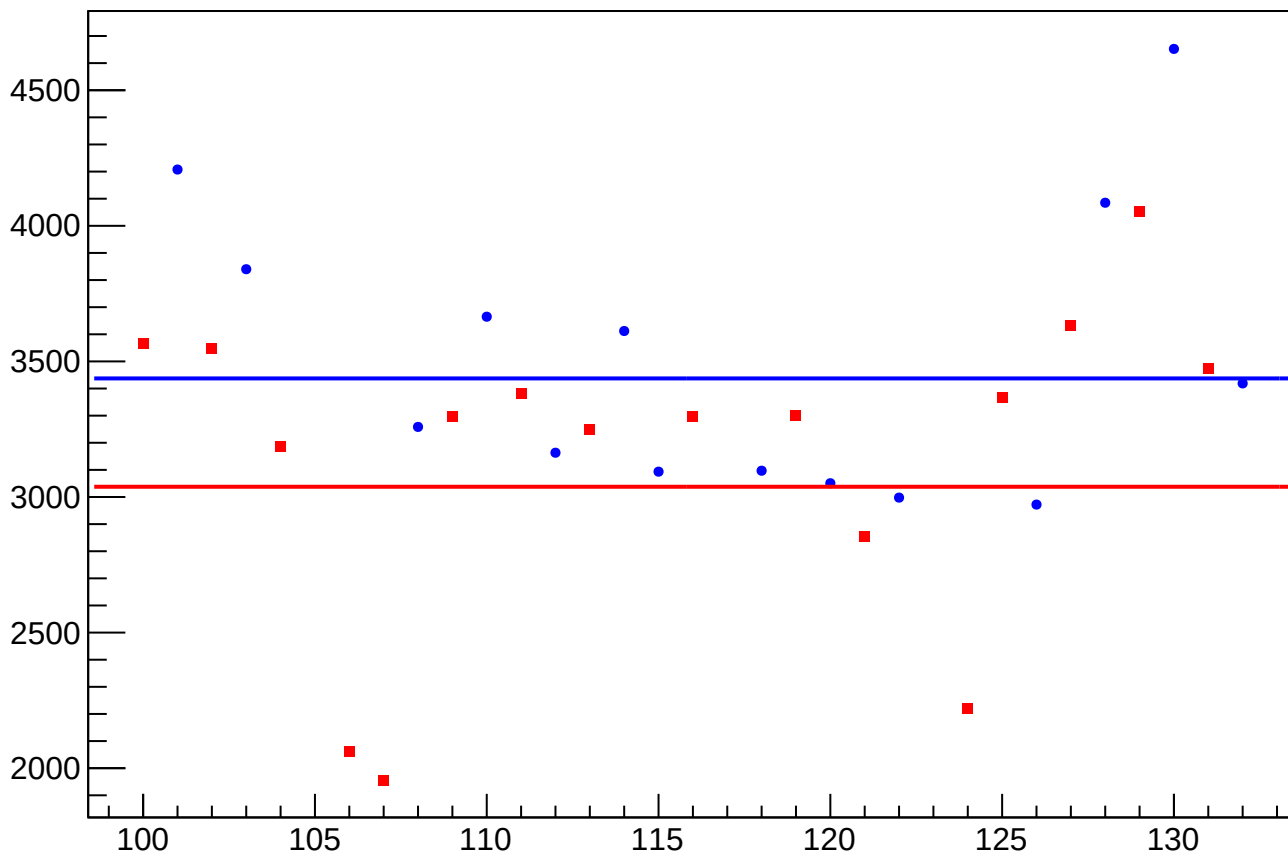
Right: 468.872 $\pm$ 938.682 χ^2 /NDF: 28.1/29

In: 414.235 $\pm$ 1426.984 χ^2 /NDF:11.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 468.872 $\pm$ 938.682 χ^2 /NDF: 28.1/29

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3437.268+/-1.009 χ^2/NDF : 231903.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3037.788+/-0.881 χ^2/NDF : 464375.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

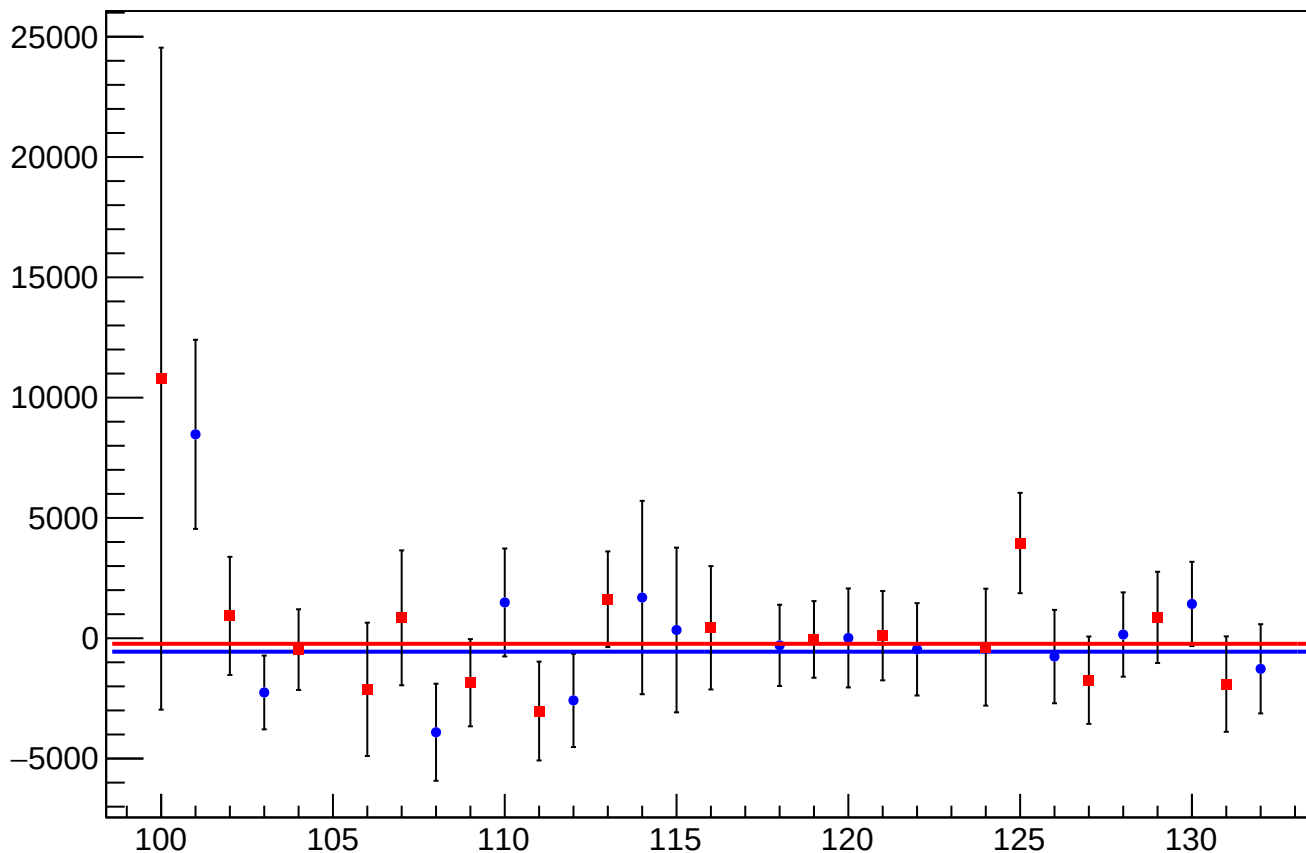
Right: 3210.648+/-0.664 χ^2/NDF : 785196.0/29

In: 3437.268+/-1.009 χ^2/NDF : 231903.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3210.648+/-0.664 χ^2/NDF : 785196.0/29

dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -558.551+/-541.173 χ^2/NDF : 13.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -230.770+/-523.431 χ^2/NDF : 10.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

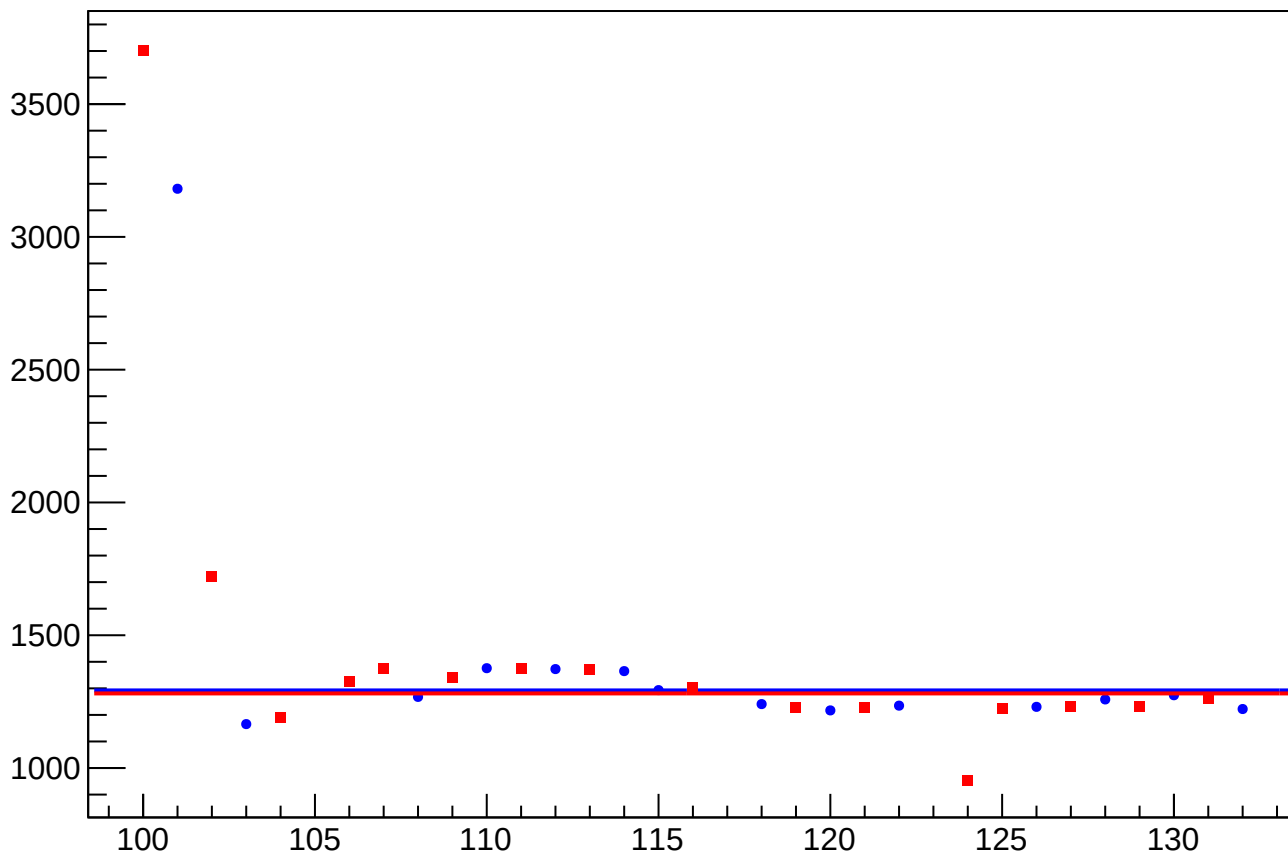
Right: -389.200+/-376.238 χ^2/NDF : 24.4/29

In: -558.551+/-541.173 χ^2/NDF : 13.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -389.200+/-376.238 χ^2/NDF : 24.4/29

dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1292.213+/-0.383 χ^2/NDF : 495291.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1280.923+/-0.370 χ^2/NDF : 190173.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

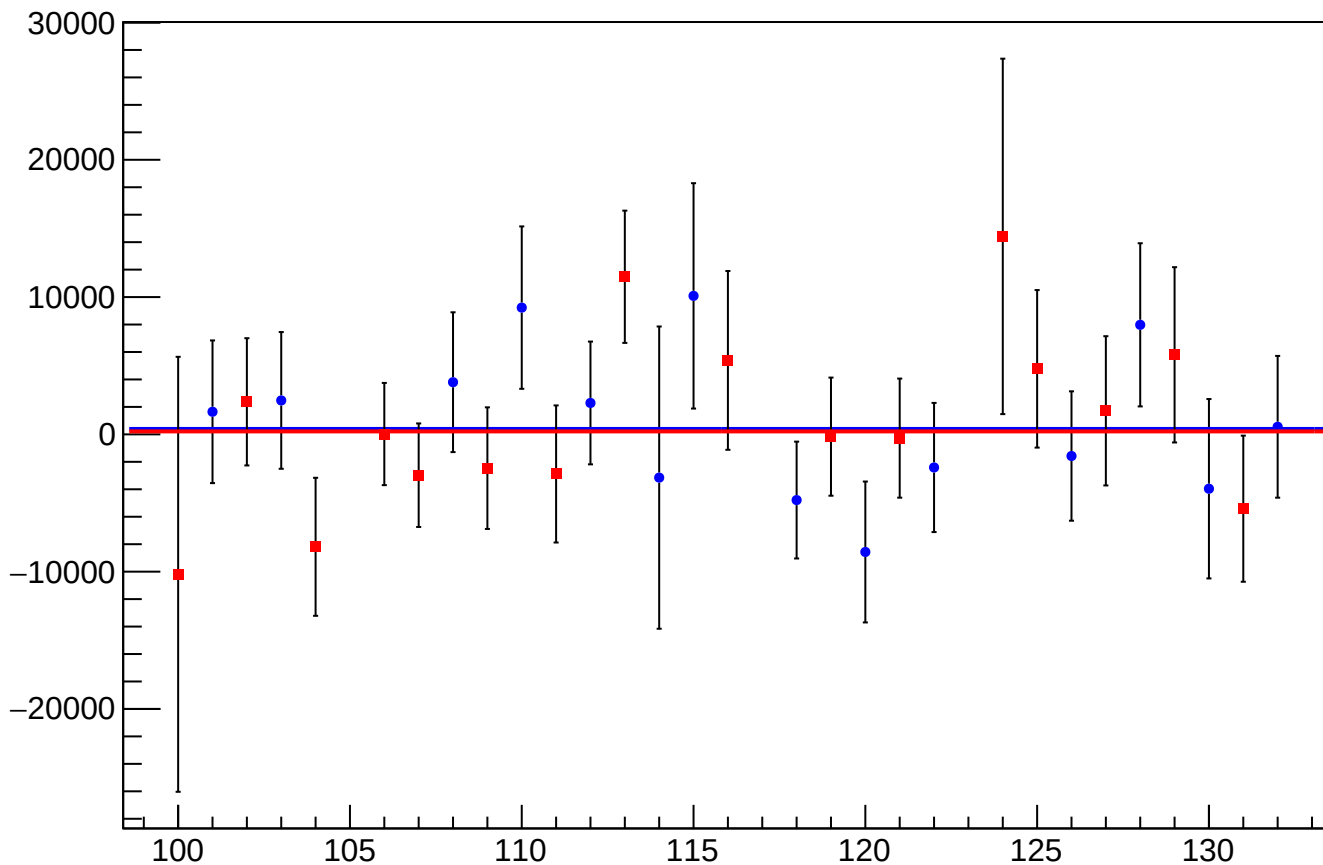
Right: 1286.375+/-0.266 χ^2/NDF : 685915.1/29

In: 1292.213+/-0.383 χ^2/NDF : 495291.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1286.375+/-0.266 χ^2/NDF : 685915.1/29

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 394.695 $\pm$ 1428.125 χ^2 /NDF: 11.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 216.035 $\pm$ 1262.333 χ^2 /NDF: 14.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

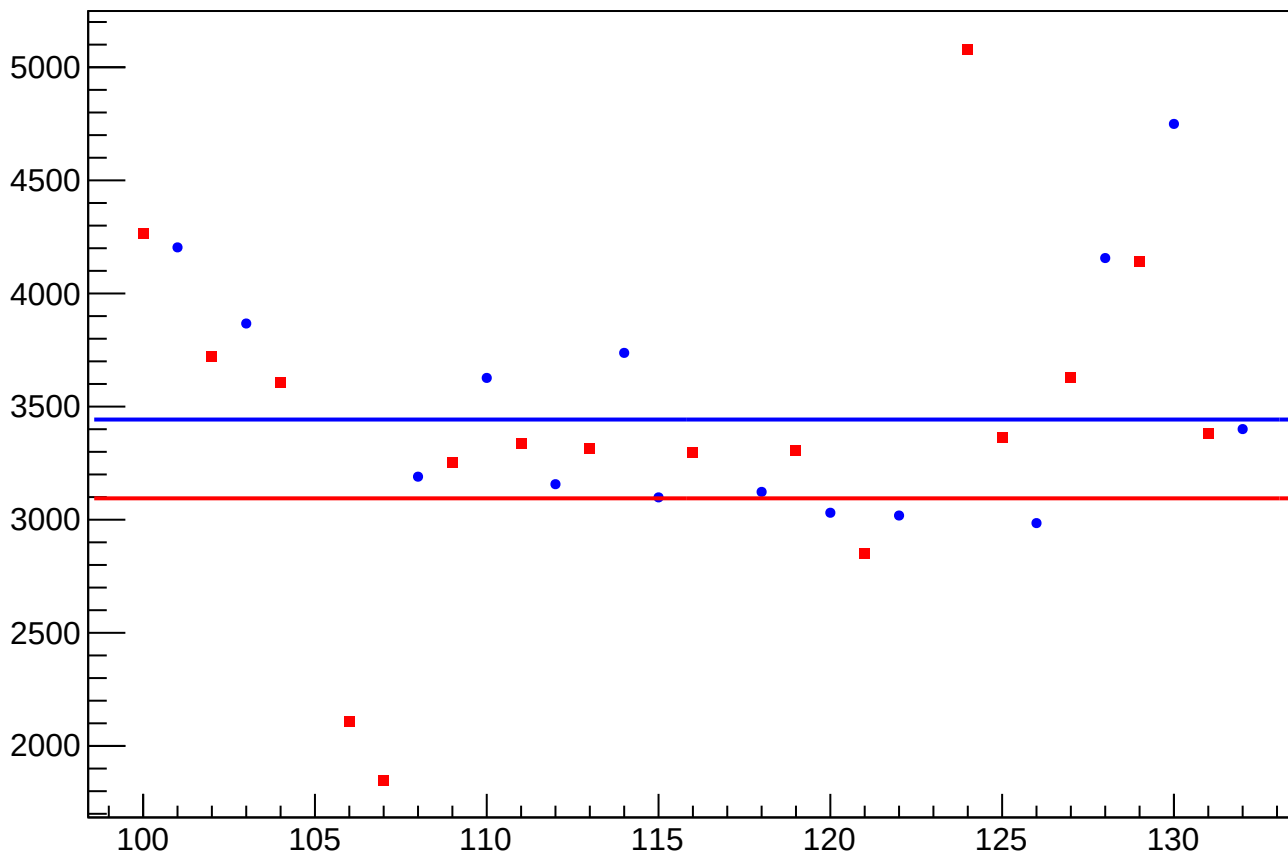
Right: 294.397 $\pm$ 945.814 χ^2 /NDF: 26.6/29

In: 394.695 $\pm$ 1428.125 χ^2 /NDF:11.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 294.397 $\pm$ 945.814 χ^2 /NDF: 26.6/29

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3442.793+/-1.010 χ^2/NDF : 245736.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3094.468+/-0.893 χ^2/NDF : 581713.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

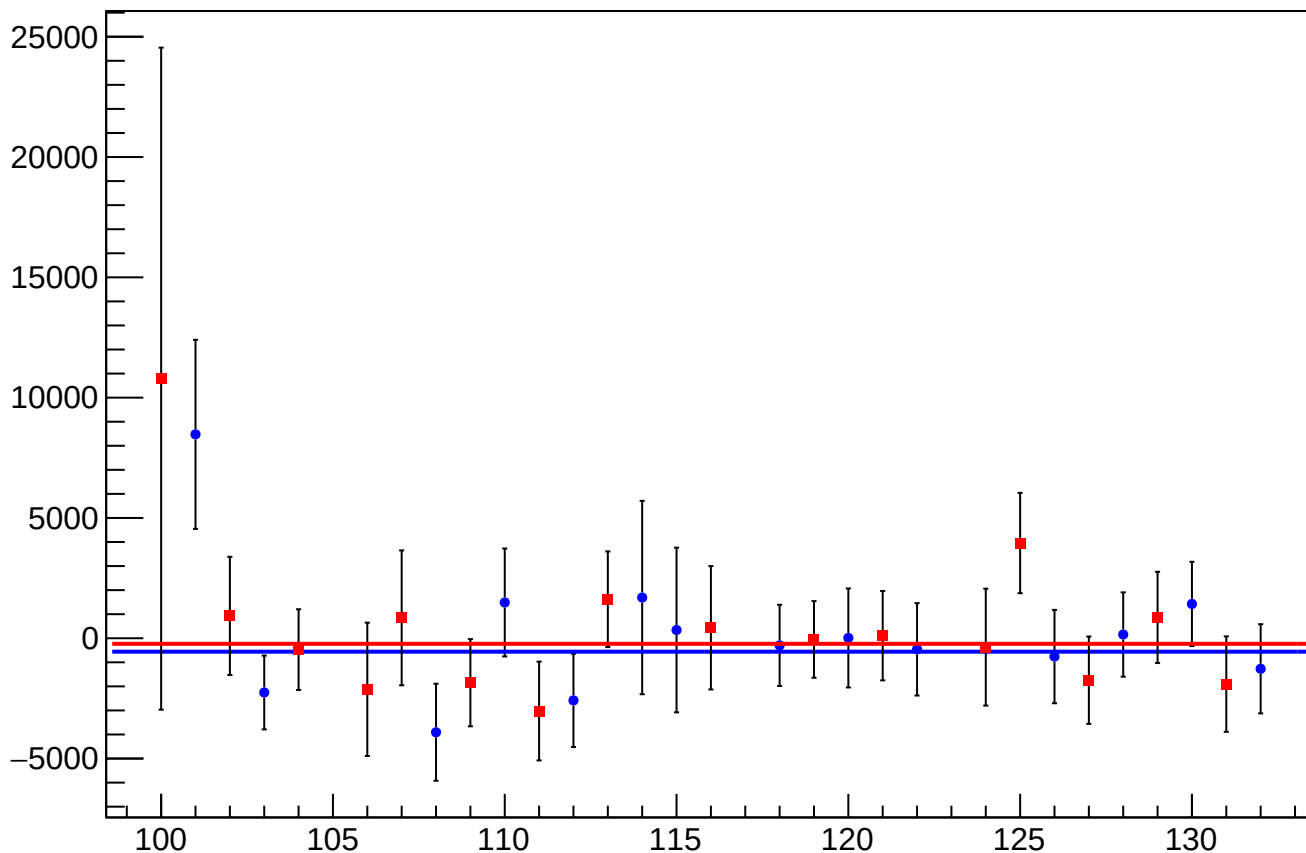
Right: 3247.247+/-0.669 χ^2/NDF : 894242.9/29

In: 3442.793+/-1.010 χ^2/NDF : 245736.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3247.247+/-0.669 χ^2/NDF : 894242.9/29

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -558.555+/-541.173 χ^2/NDF : 13.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -230.778+/-523.431 χ^2/NDF : 10.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

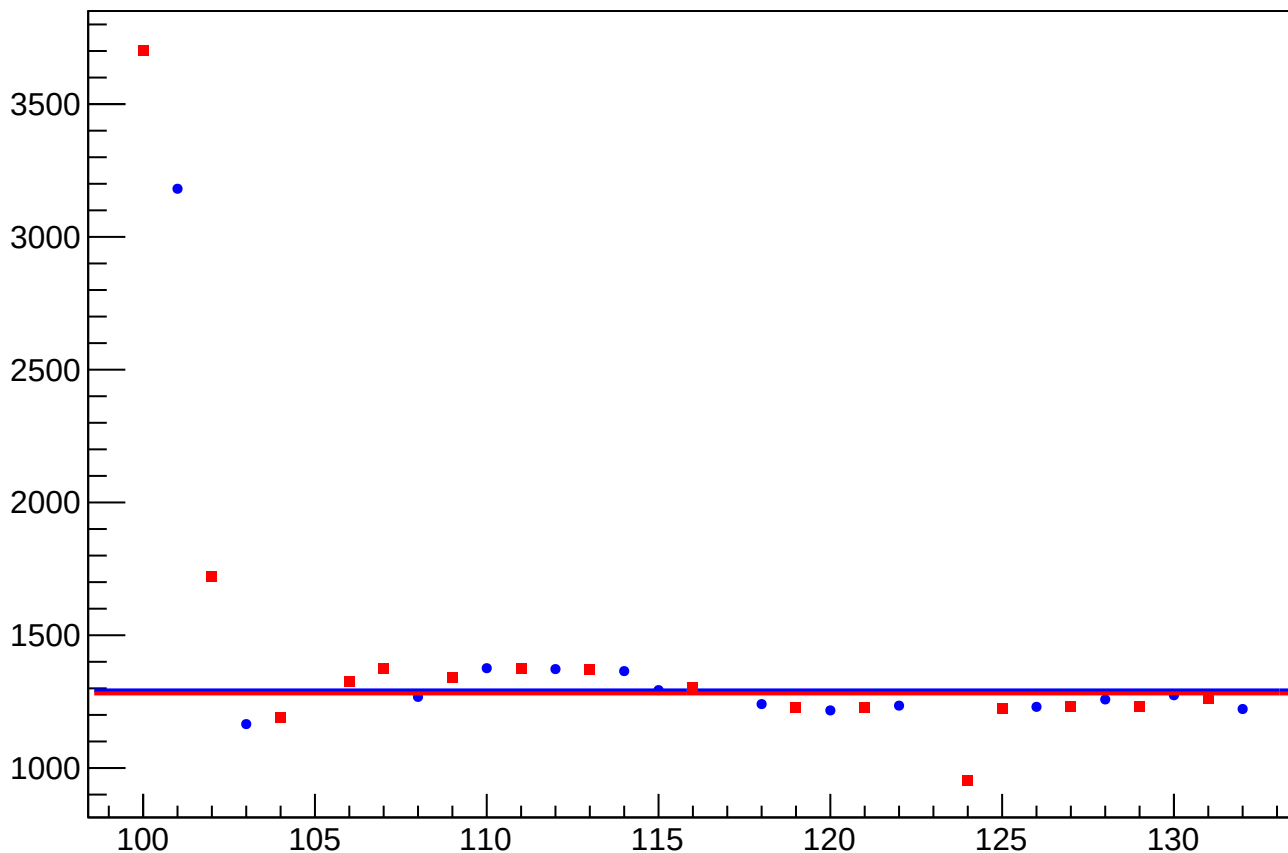
Right: -389.206+/-376.237 χ^2/NDF : 24.4/29

In: -558.555+/-541.173 χ^2/NDF : 13.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -389.206+/-376.237 χ^2/NDF : 24.4/29

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1292.213+/-0.383 χ^2/NDF : 495291.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1280.923+/-0.370 χ^2/NDF : 190173.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

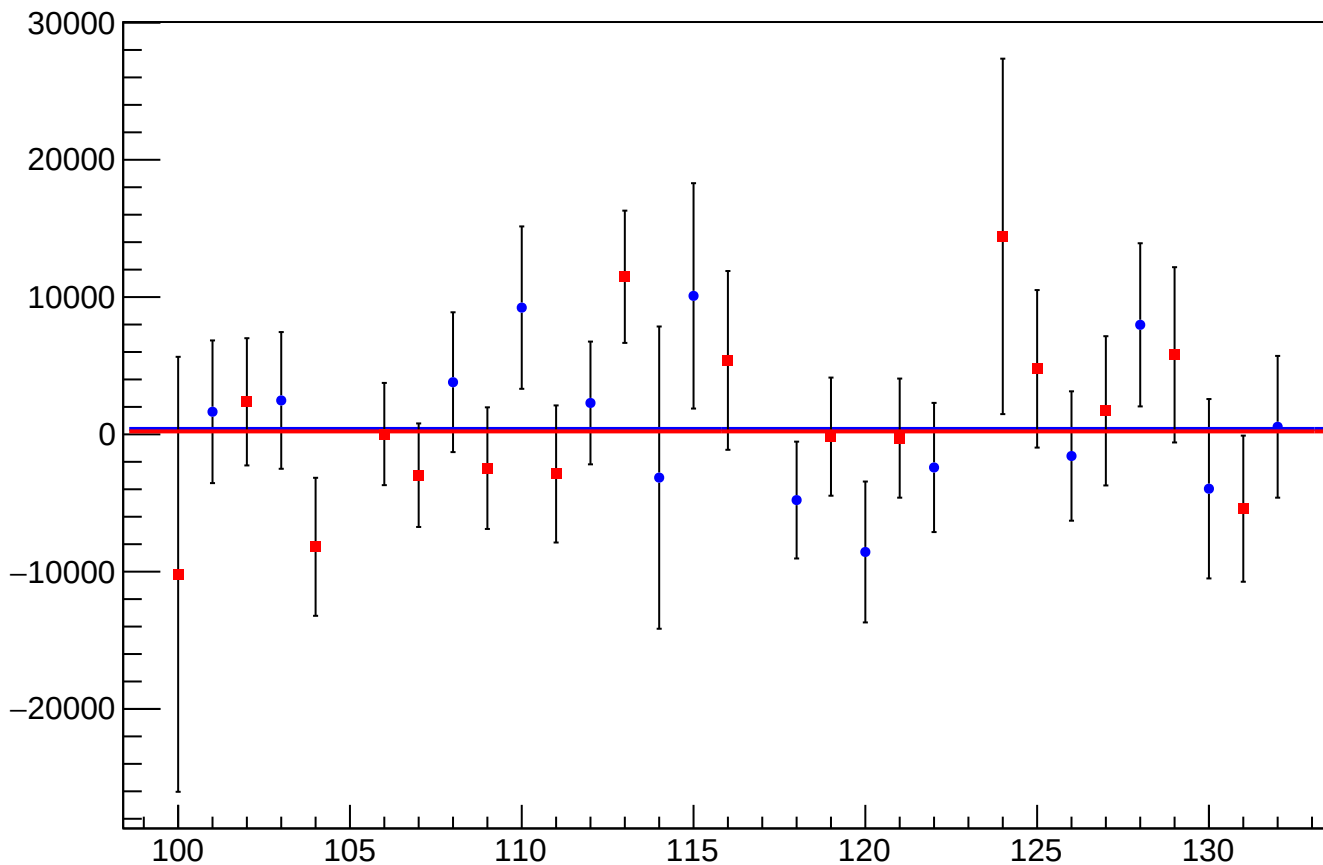
Right: 1286.375+/-0.266 χ^2/NDF : 685915.3/29

In: 1292.213+/-0.383 χ^2/NDF : 495291.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1286.375+/-0.266 χ^2/NDF : 685915.3/29

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 394.689 $\pm$ 1428.120 χ^2 /NDF: 11.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 216.030 $\pm$ 1262.329 χ^2 /NDF: 14.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

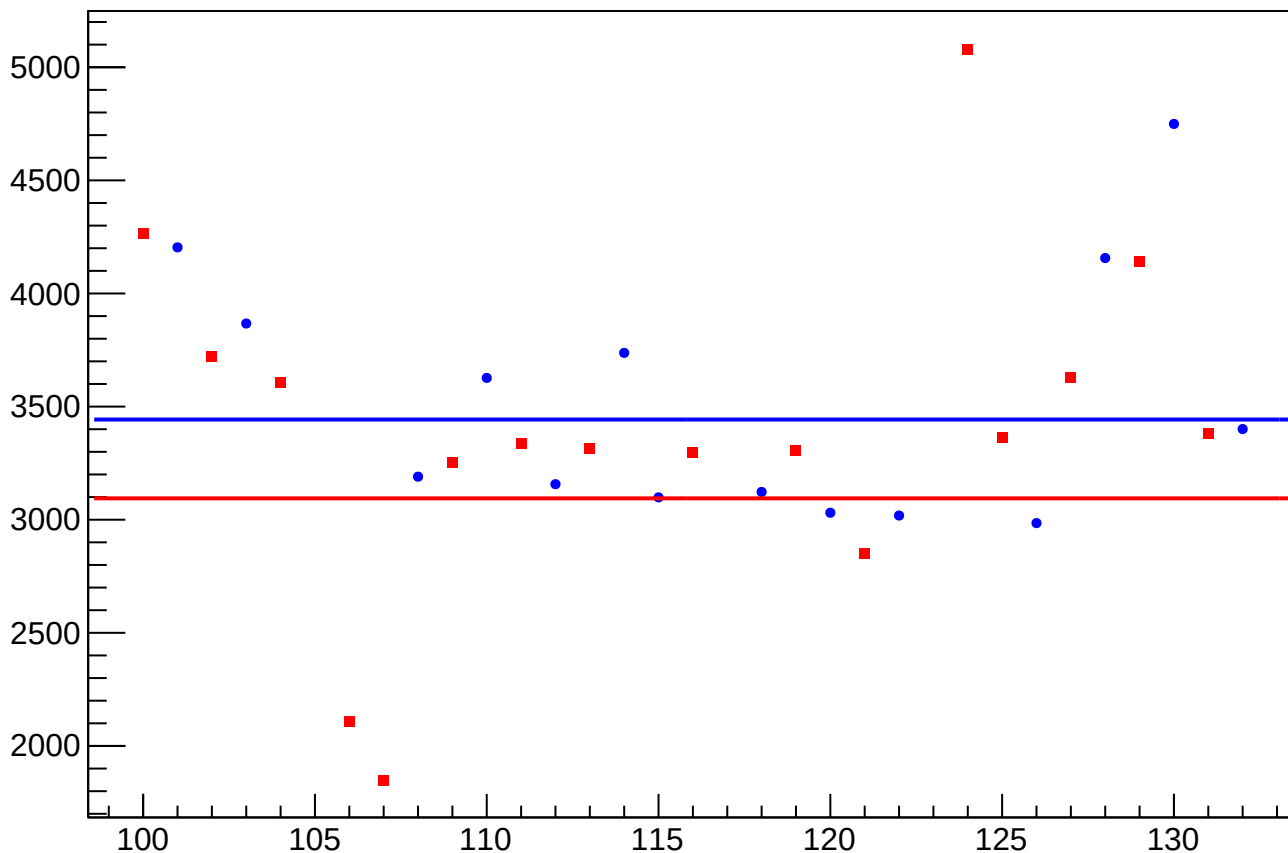
Right: 294.392 $\pm$ 945.811 χ^2 /NDF: 26.6/29

In: 394.689 $\pm$ 1428.120 χ^2 /NDF:11.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 294.392 $\pm$ 945.811 χ^2 /NDF: 26.6/29

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3442.782+/-1.010 χ^2/NDF : 245738.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3094.459+/-0.893 χ^2/NDF : 581714.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

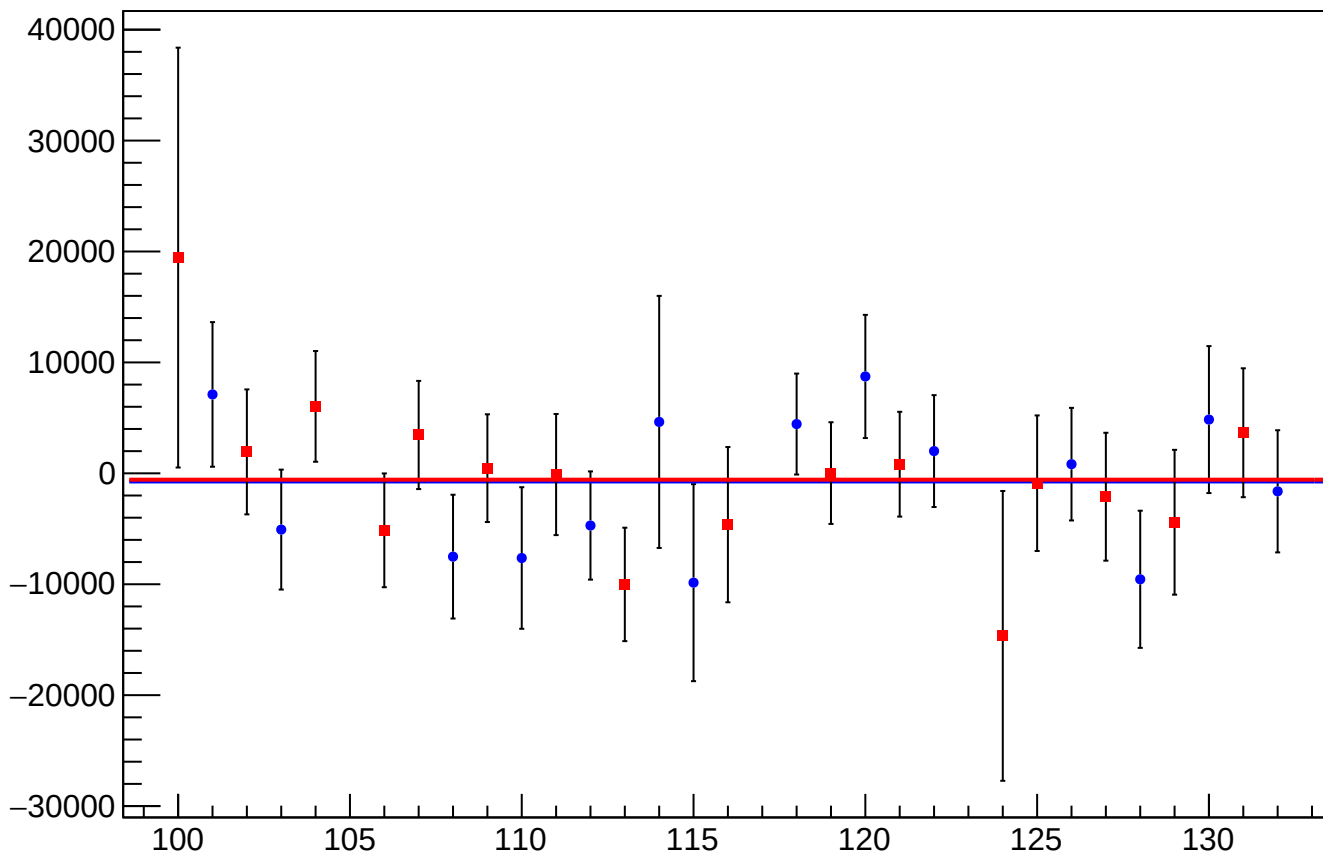
Right: 3247.237+/-0.669 χ^2/NDF : 894245.7/29

In: 3442.782+/-1.010 χ^2/NDF : 245738.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3247.237+/-0.669 χ^2/NDF : 894245.7/29

asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -732.780+/-1547.449 χ^2/NDF : 14.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -572.204+/-1418.084 χ^2/NDF : 10.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

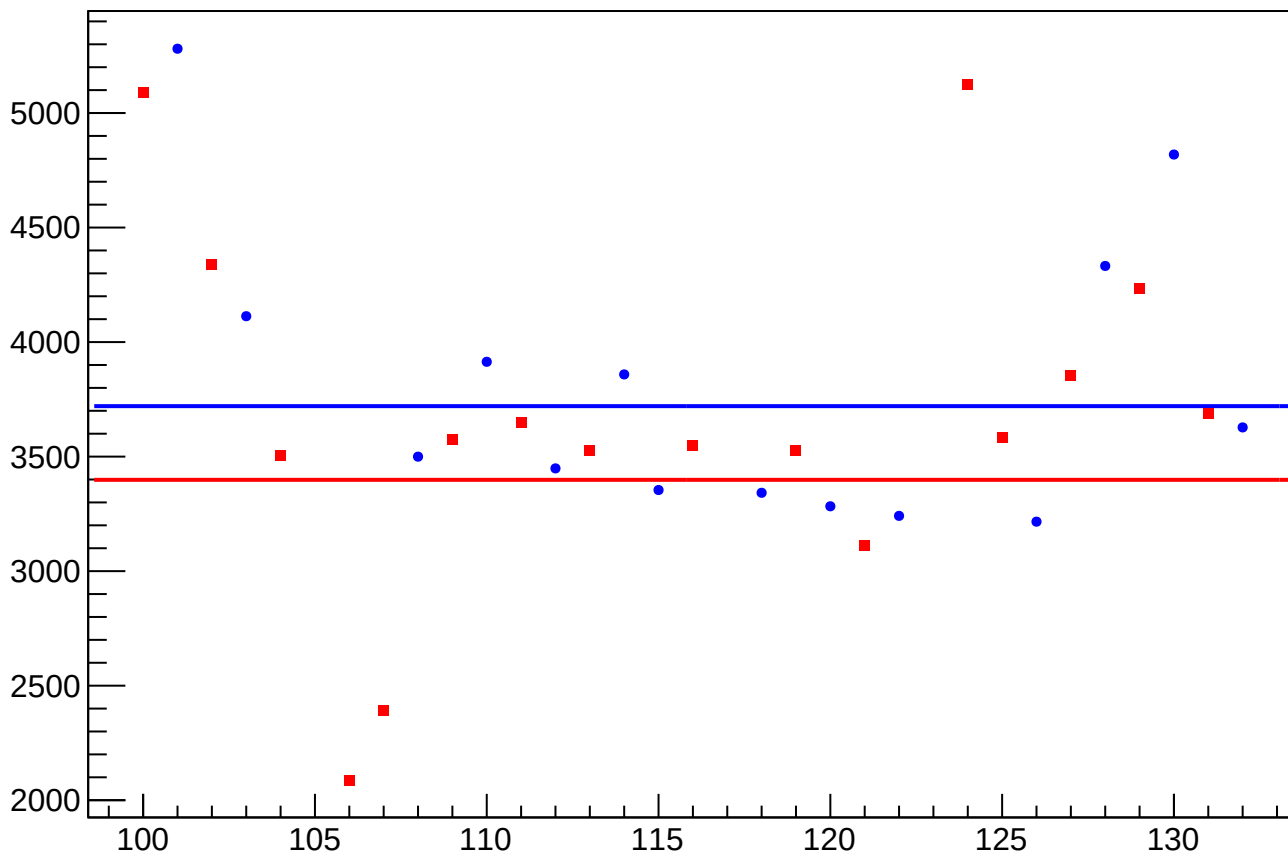
Right: -645.500+/-1045.485 χ^2/NDF : 24.6/29

In: -732.780+/-1547.449 χ^2/NDF : 14.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -645.500+/-1045.485 χ^2/NDF : 24.6/29

asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 3720.318+/-1.094 χ^2/NDF : 279184.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3398.584+/-0.987 χ^2/NDF : 446719.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

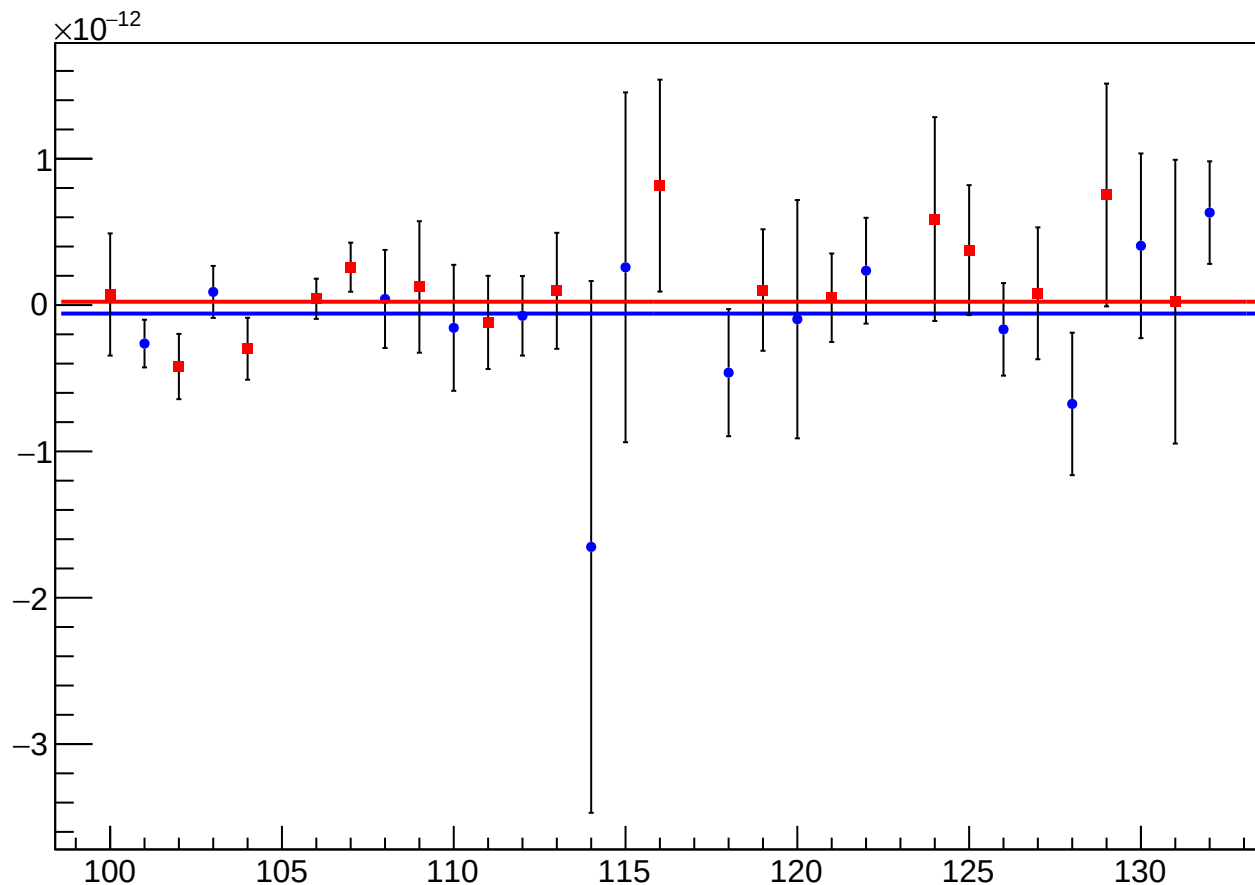
Right: 3542.983+/-0.733 χ^2/NDF : 773557.4/29

In: 3720.318+/-1.094 χ^2/NDF : 279184.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3542.983+/-0.733 χ^2/NDF : 773557.4/29

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

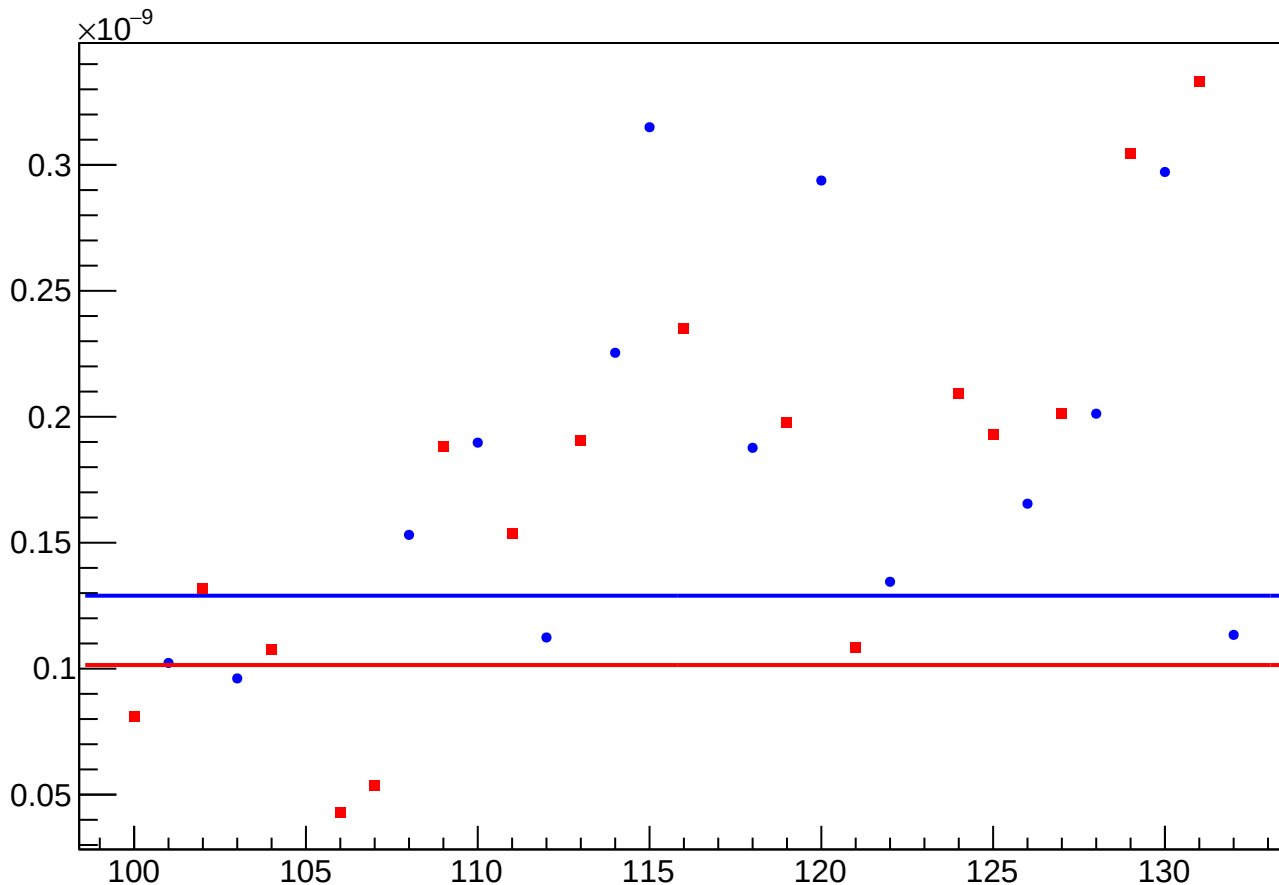
Right: -0.000+/-0.000 χ^2/NDF : 23.5/29

In: -0.000+/-0.000 χ^2/NDF : 10.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.5/29

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 569496.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1464686.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

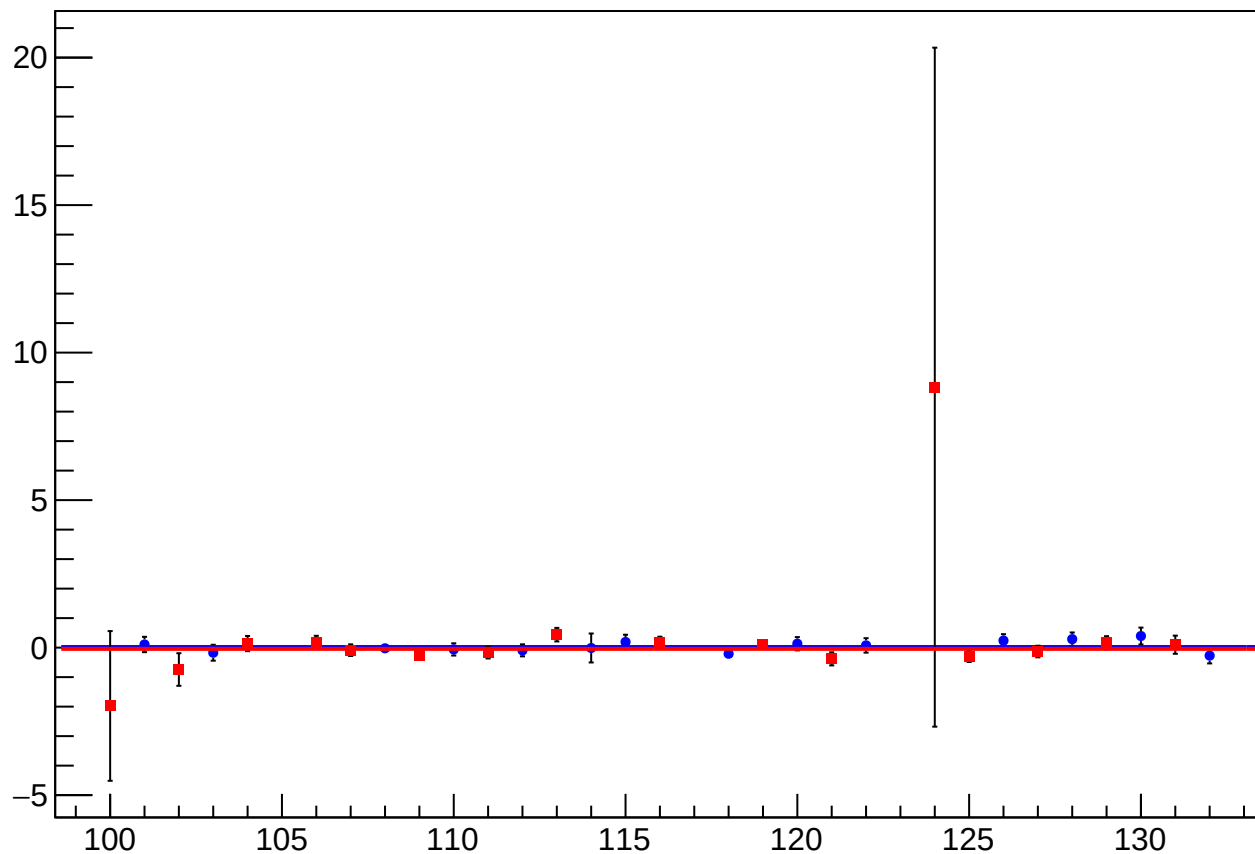
Right: 0.000+/-0.000 χ^2/NDF : 2155391.6/29

In: 0.000+/-0.000 χ^2/NDF : 569496.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2155391.6/29

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.060 χ^2/NDF : 9.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.042+/-0.056 χ^2/NDF : 18.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

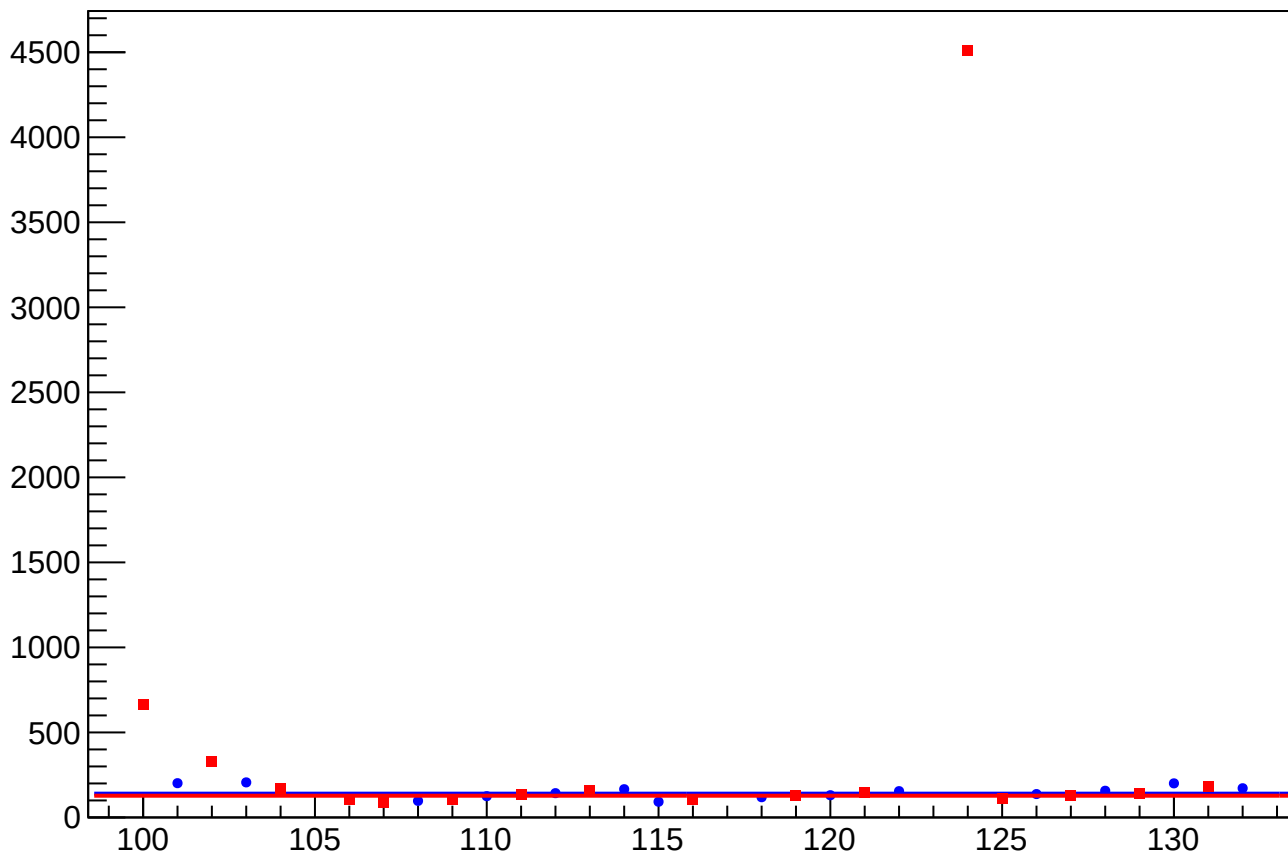
Right: -0.013+/-0.041 χ^2/NDF : 27.9/29

In: 0.019+/-0.060 χ^2/NDF : 9.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.013+/-0.041 χ^2/NDF : 27.9/29

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.902 $\pm$ 0.043 χ^2 /NDF: 637807.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 127.898 $\pm$ 0.040 χ^2 /NDF: 986235.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

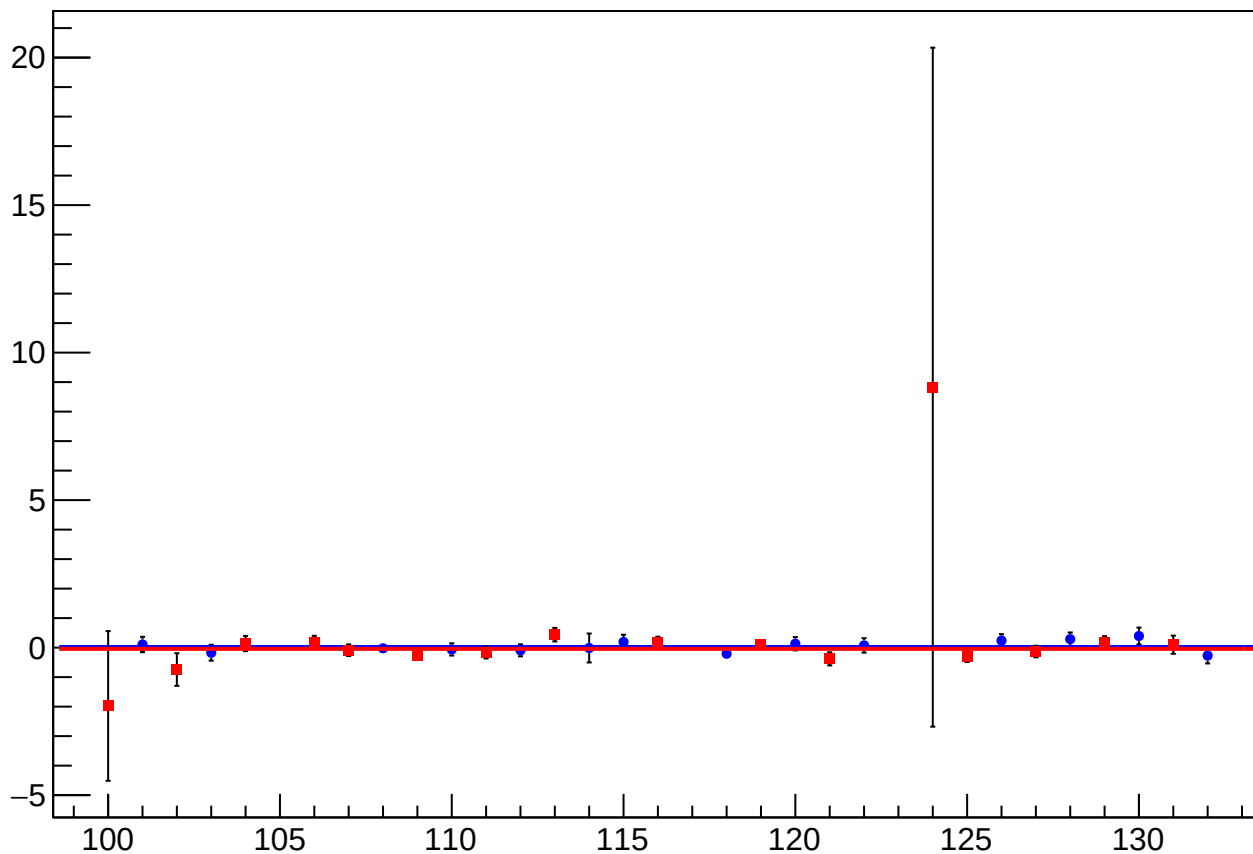
Right: 133.487 $\pm$ 0.029 χ^2 /NDF: 1666632.2/29

In: 139.902 $\pm$ 0.043 χ^2 /NDF:637807.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 133.487 $\pm$ 0.029 χ^2 /NDF: 1666632.2/29

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019 $\pm$ 0.060 χ^2 /NDF: 9.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.042 $\pm$ 0.056 χ^2 /NDF: 18.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

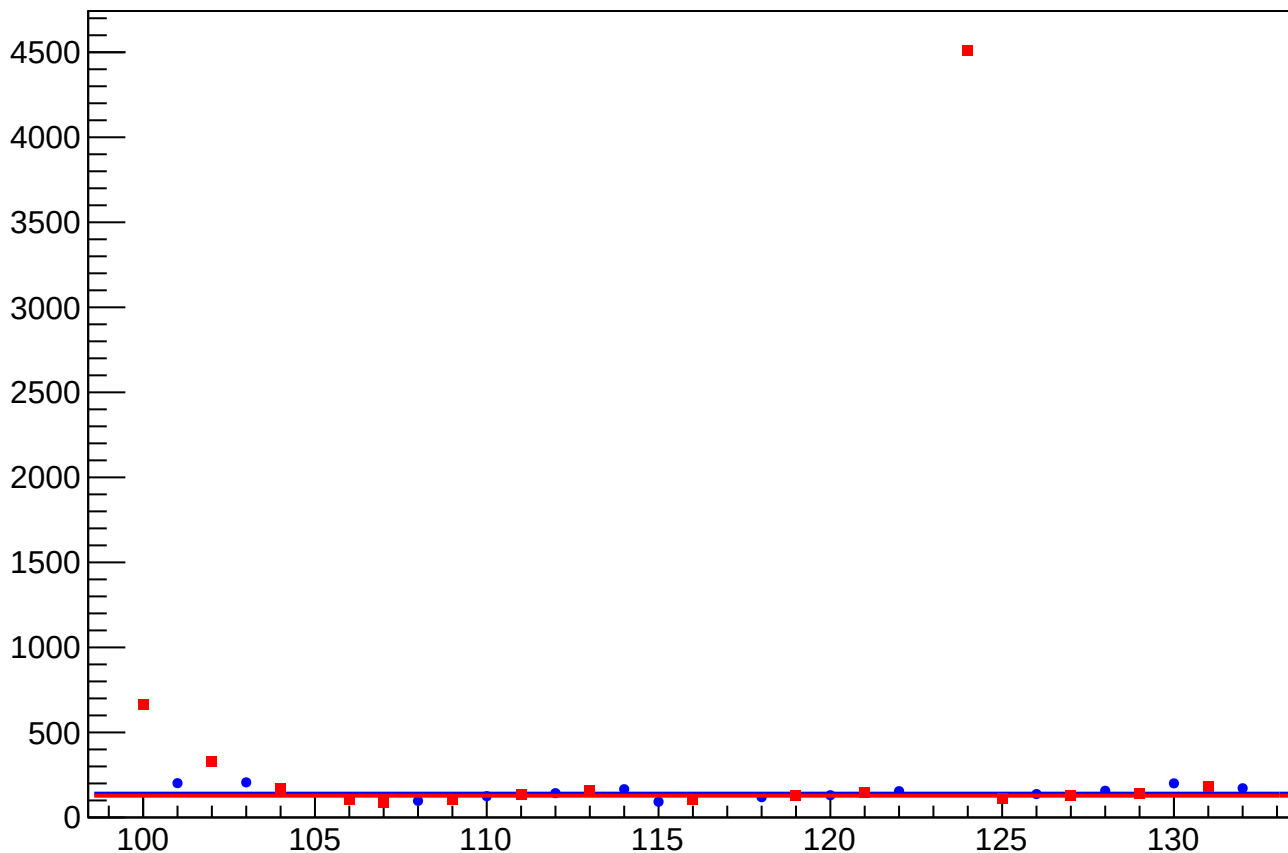
Right: -0.013 $\pm$ 0.041 χ^2 /NDF: 27.9/29

In: 0.019 $\pm$ 0.060 χ^2 /NDF:9.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.041 χ^2 /NDF: 27.9/29

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.902+/-0.043 χ^2/NDF : 637807.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.898+/-0.040 χ^2/NDF : 986235.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

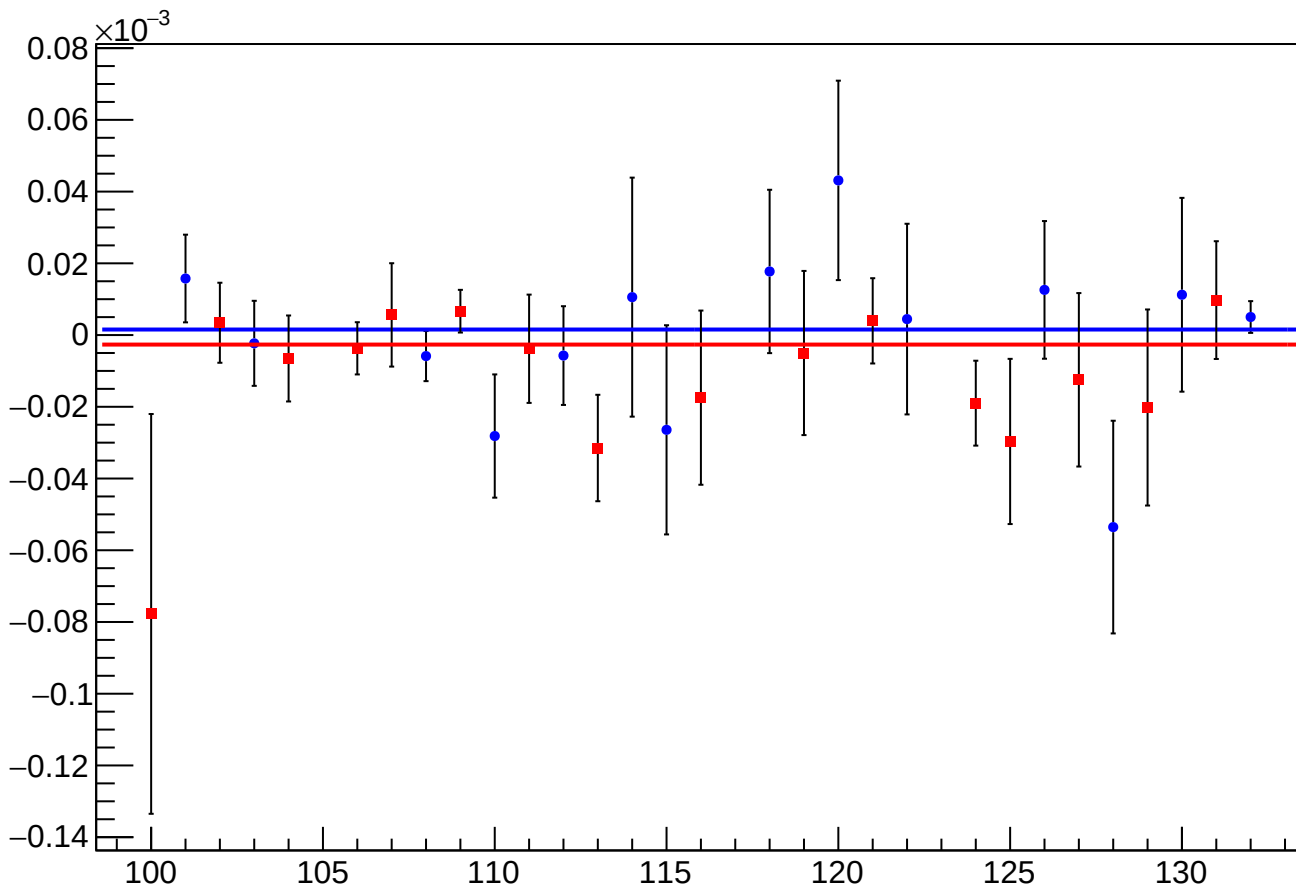
Right: 133.487+/-0.029 χ^2/NDF : 1666632.2/29

In: 139.902+/-0.043 χ^2/NDF : 637807.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.487+/-0.029 χ^2/NDF : 1666632.2/29

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

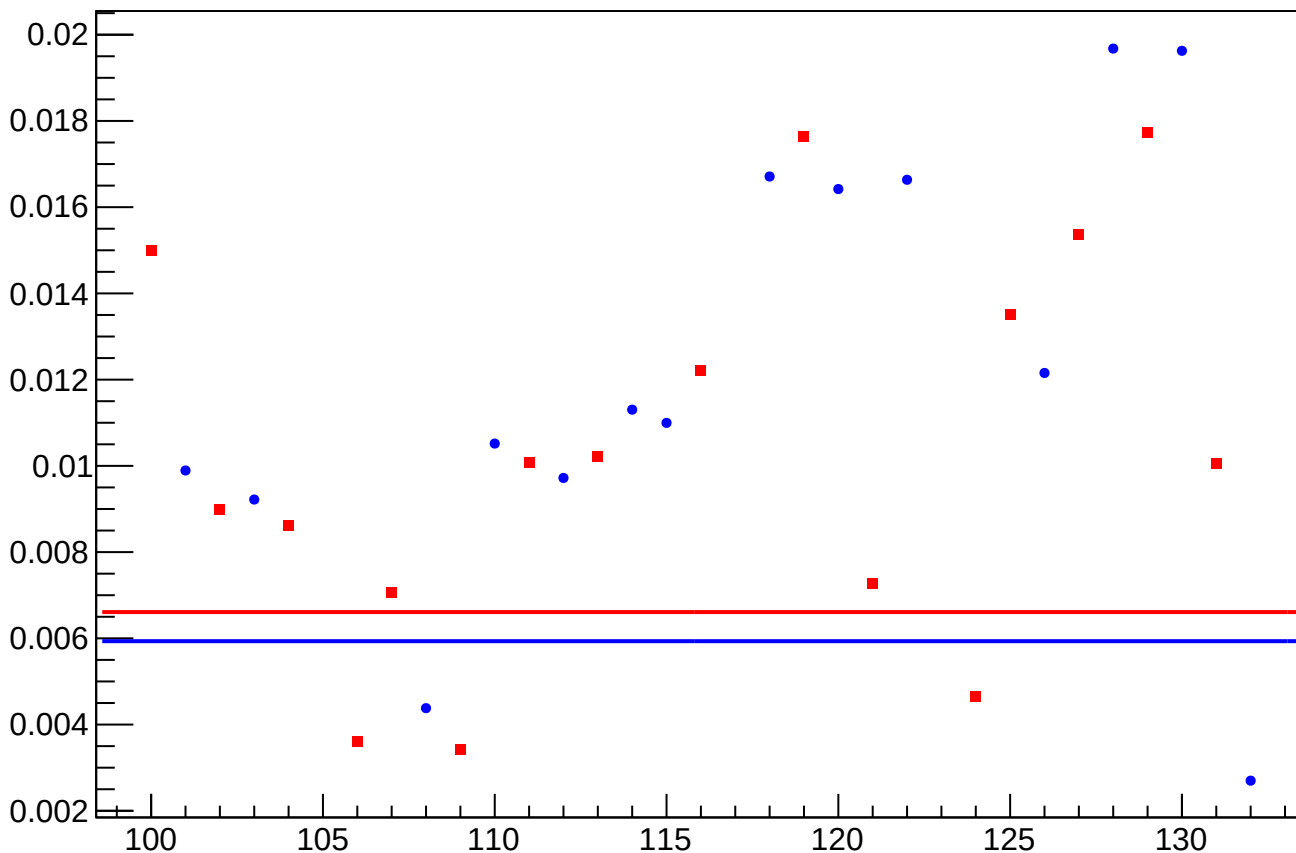
Right: -0.000+/-0.000 χ^2/NDF : 29.0/29

In: 0.000+/-0.000 χ^2/NDF : 14.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.0/29

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 4146422.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 2821437.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

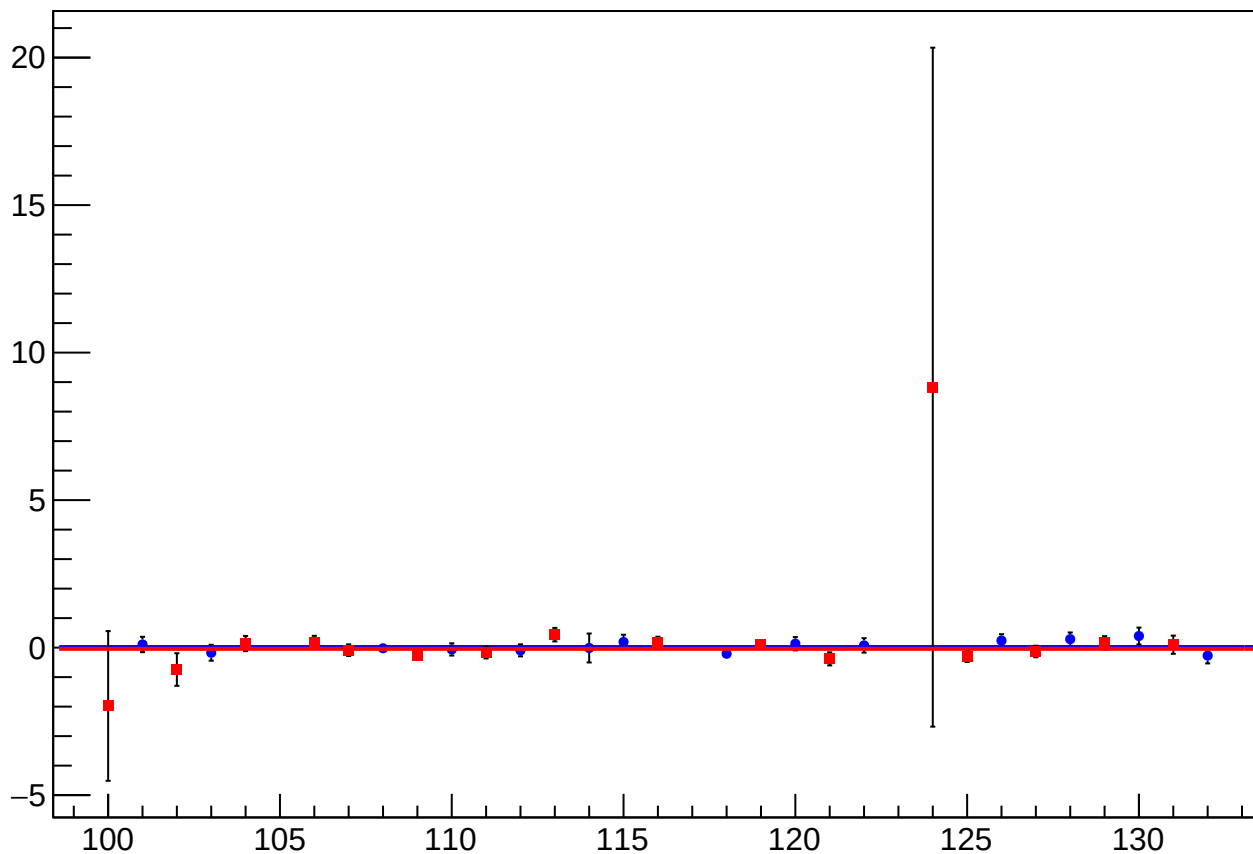
Right: 0.006+/-0.000 χ^2/NDF : 7015366.7/29

In: 0.006+/-0.000 χ^2/NDF :4146422.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 7015366.7/29

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.060 χ^2/NDF : 9.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.042+/-0.056 χ^2/NDF : 18.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

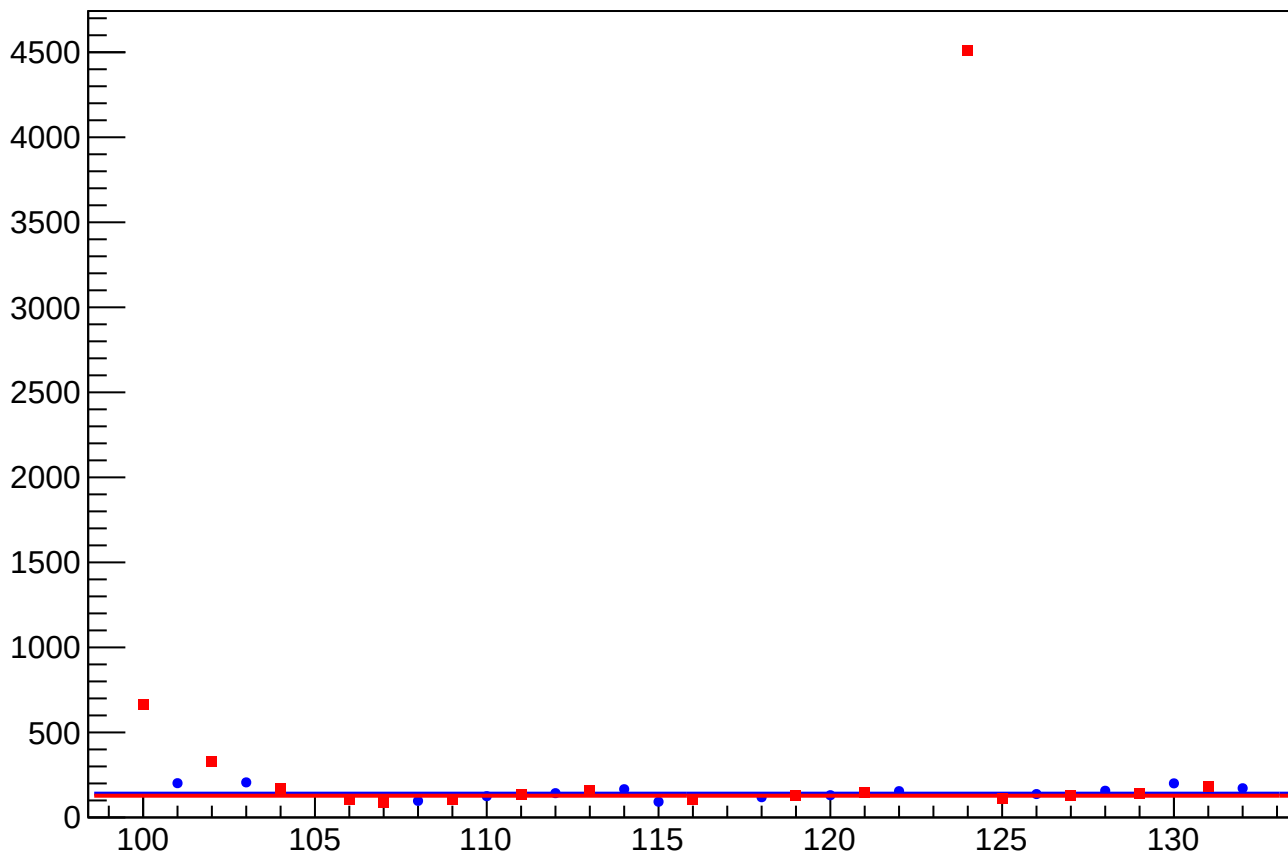
Right: -0.013+/-0.041 χ^2/NDF : 27.9/29

In: 0.019+/-0.060 χ^2/NDF : 9.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.013+/-0.041 χ^2/NDF : 27.9/29

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.902+/-0.043 χ^2/NDF : 637732.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.900+/-0.040 χ^2/NDF : 986165.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

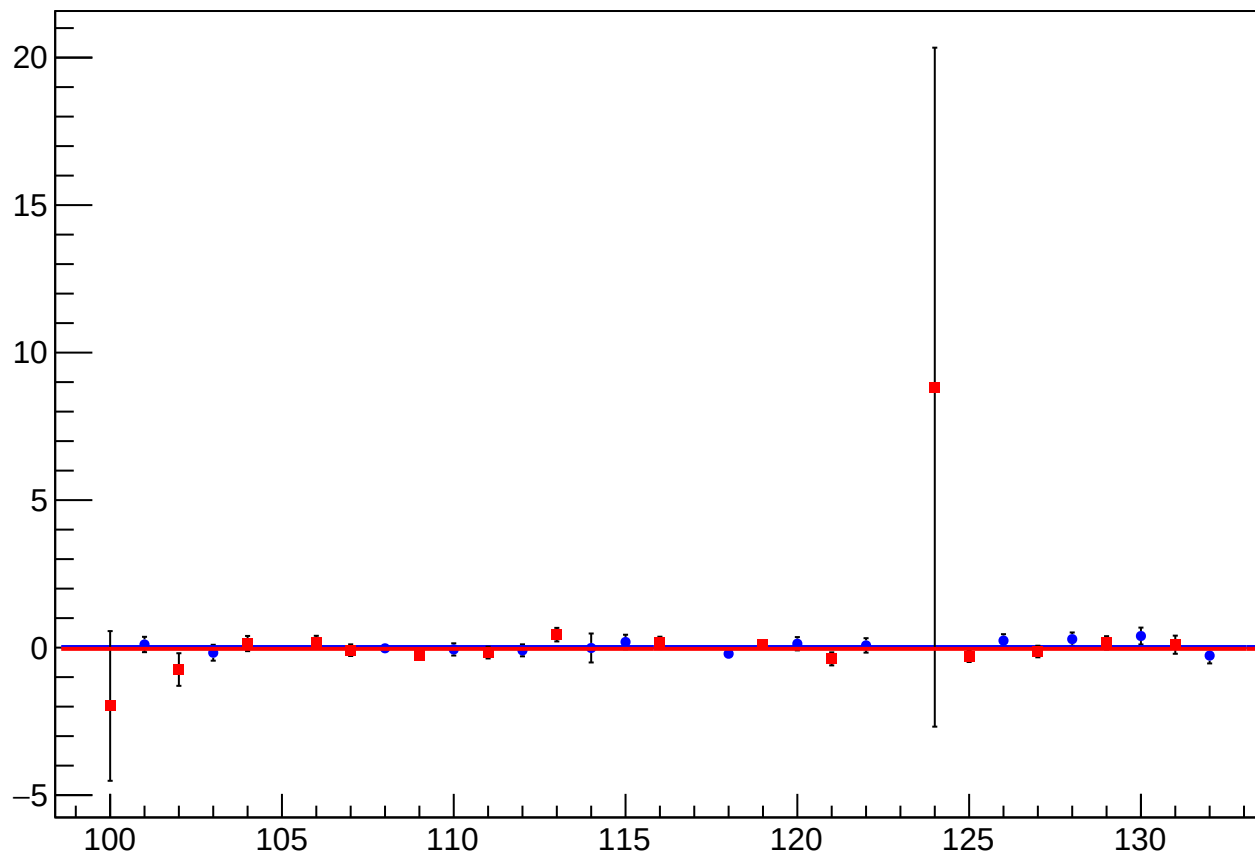
Right: 133.488+/-0.029 χ^2/NDF : 1666477.1/29

In: 139.902+/-0.043 χ^2/NDF : 637732.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.488+/-0.029 χ^2/NDF : 1666477.1/29

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.060 χ^2/NDF : 9.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.042+/-0.056 χ^2/NDF : 18.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

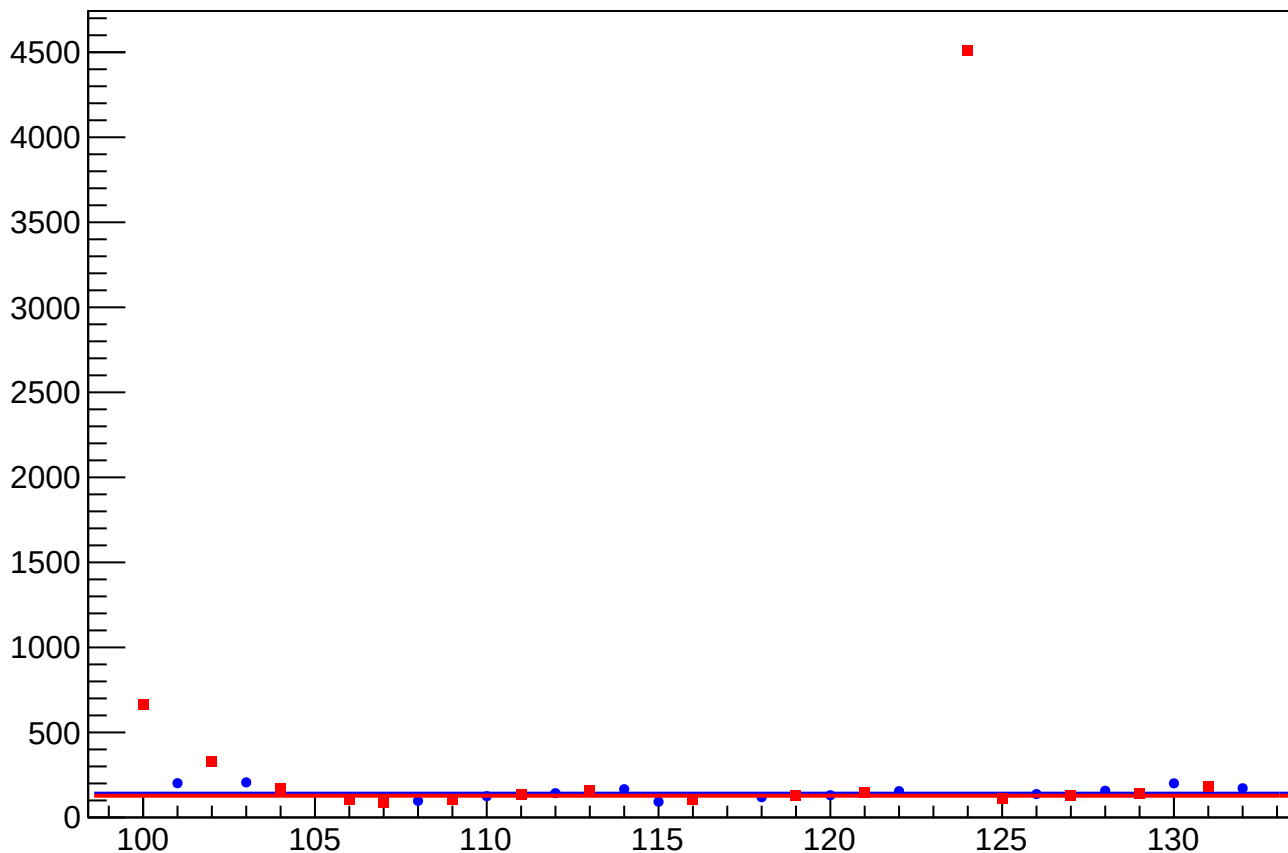
Right: -0.013+/-0.041 χ^2/NDF : 27.9/29

In: 0.019+/-0.060 χ^2/NDF : 9.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.013+/-0.041 χ^2/NDF : 27.9/29

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.902+/-0.043 χ^2/NDF : 637732.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.900+/-0.040 χ^2/NDF : 986165.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

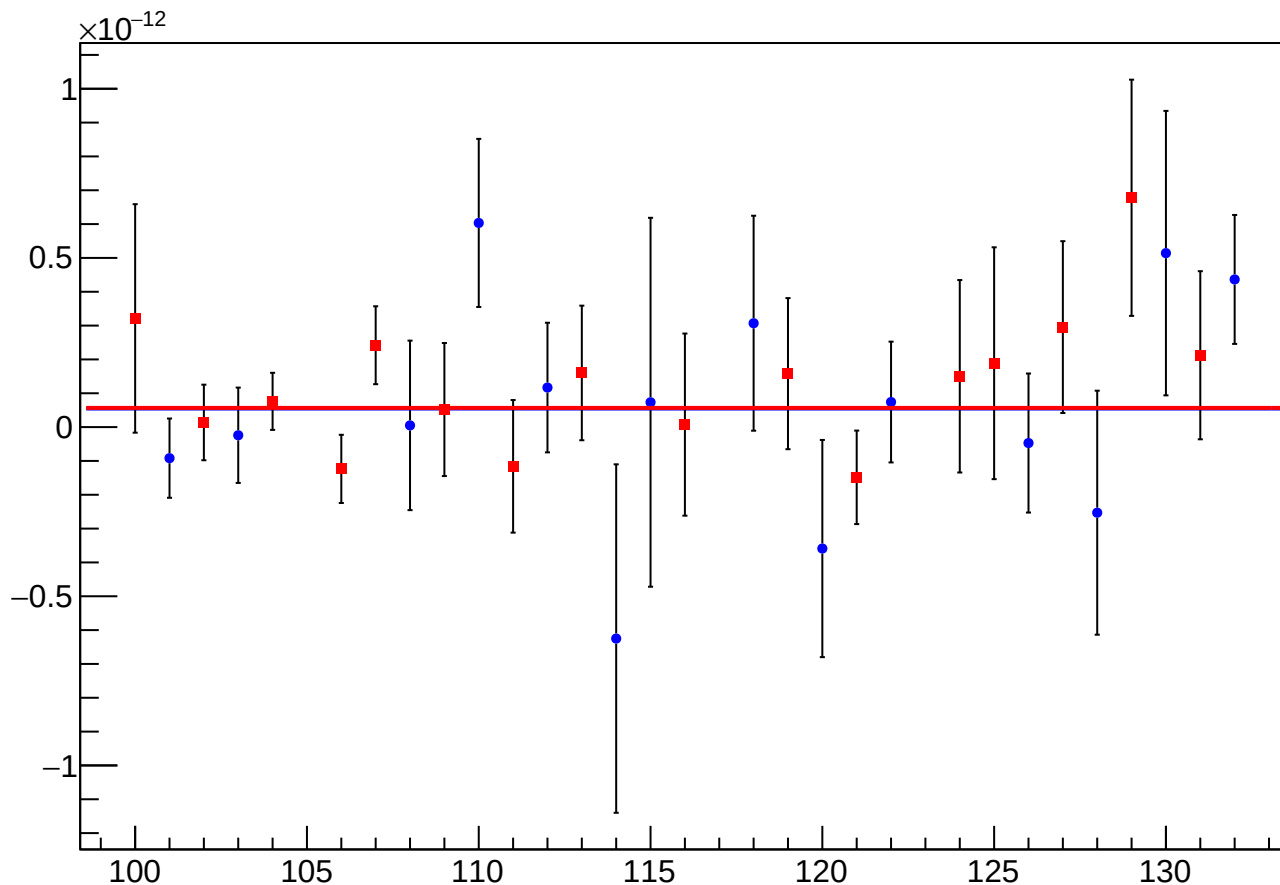
Right: 133.488+/-0.029 χ^2/NDF : 1666477.1/29

In: 139.902+/-0.043 χ^2/NDF : 637732.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.488+/-0.029 χ^2/NDF : 1666477.1/29

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 17.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

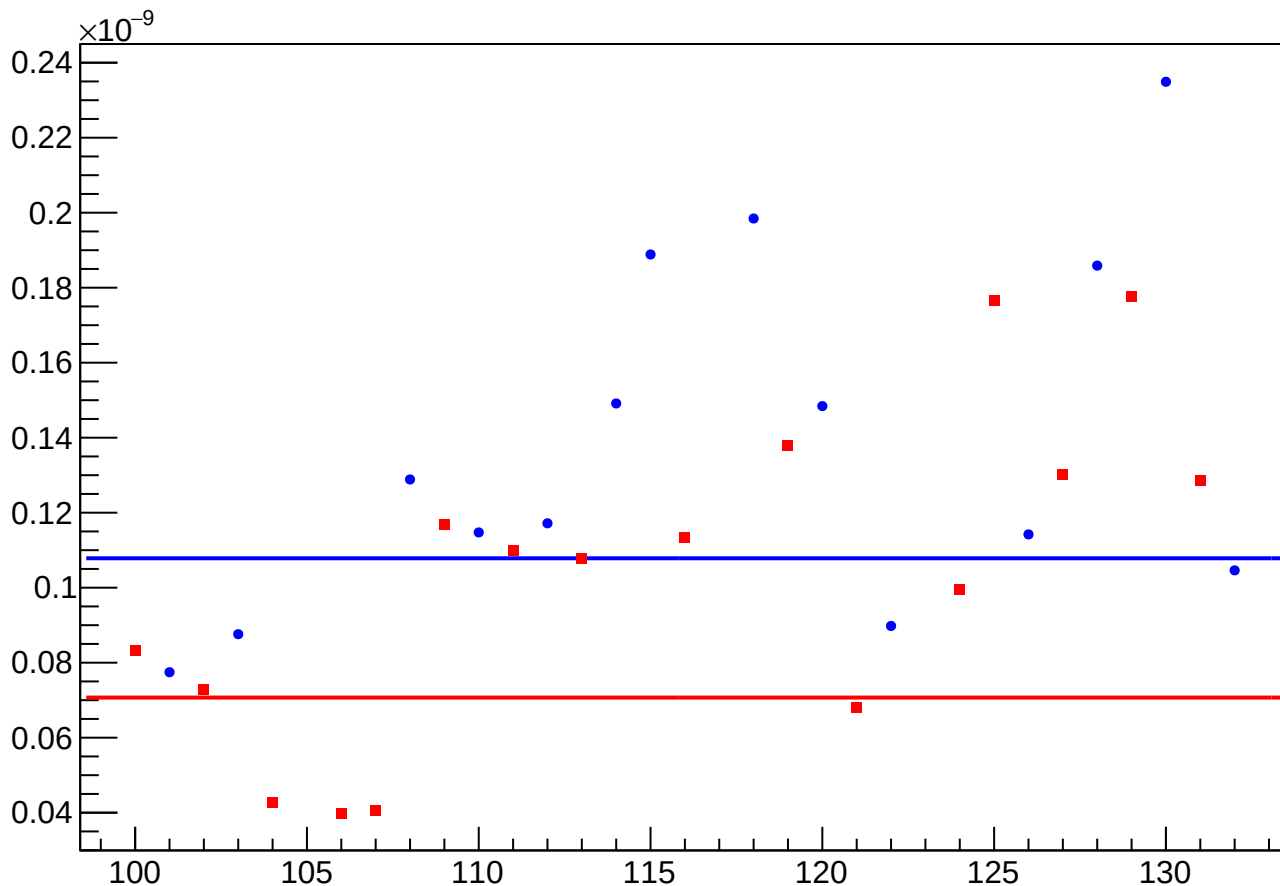
Right: 0.000+/-0.000 χ^2/NDF : 31.9/29

In: 0.000+/-0.000 χ^2/NDF : 17.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 31.9/29

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 747350.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1655056.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

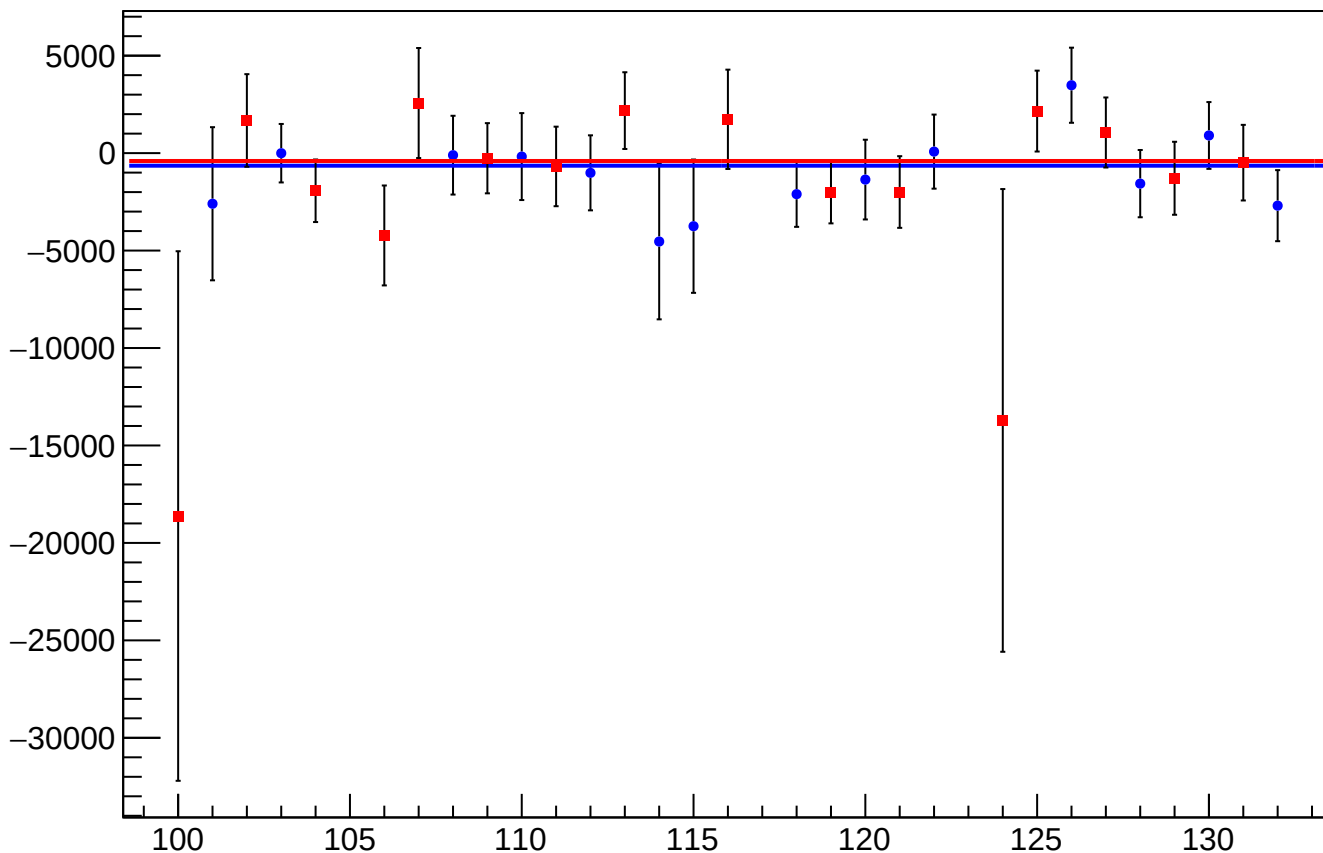
Right: 0.000+/-0.000 χ^2/NDF : 2969255.1/29

In: 0.000+/-0.000 χ^2/NDF : 747350.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2969255.1/29

reg_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -644.864+/-535.267 χ^2/NDF : 10.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -403.382+/-526.730 χ^2/NDF : 14.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

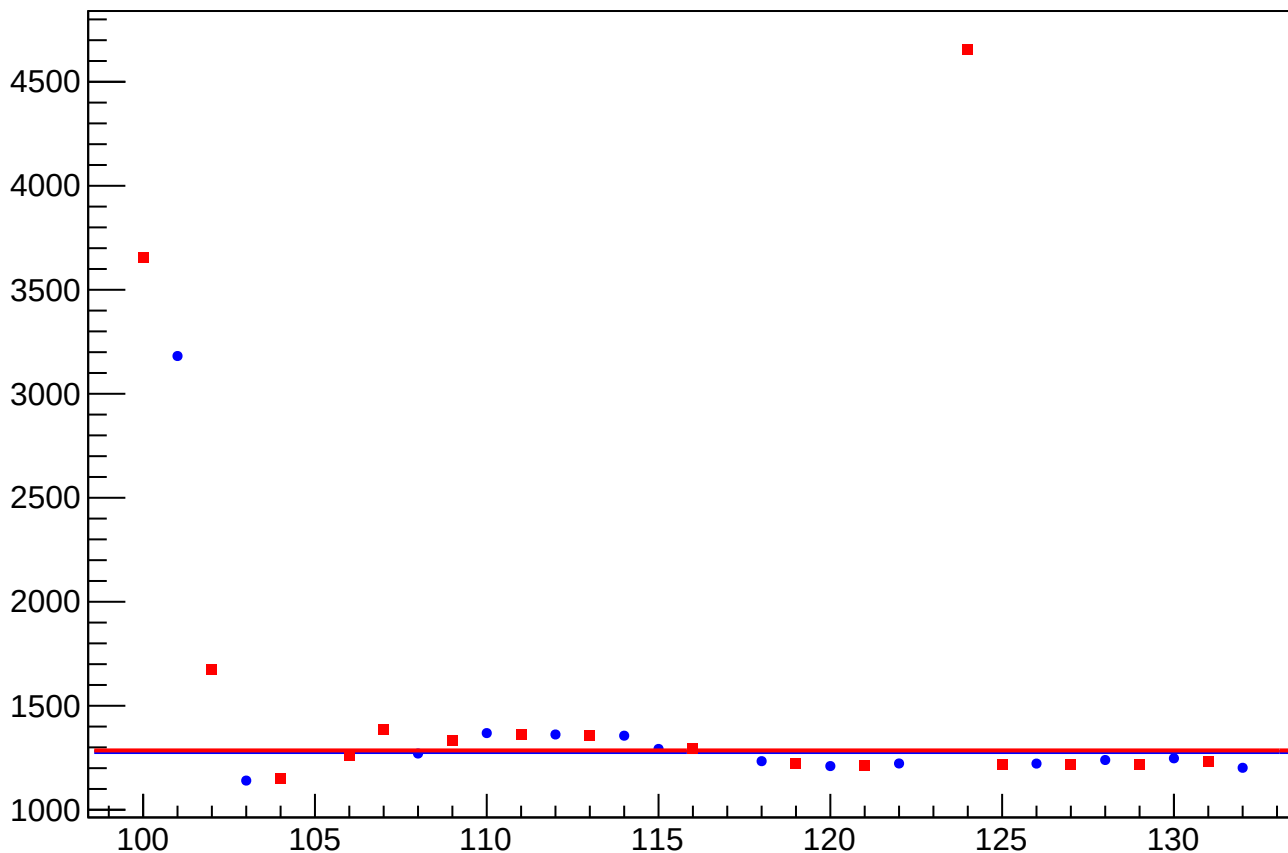
Right: -522.182+/-375.436 χ^2/NDF : 25.2/29

In: -644.864+/-535.267 χ^2/NDF : 10.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -522.182+/-375.436 χ^2/NDF : 25.2/29

reg_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1277.598 $\pm$ 0.378 χ^2 /NDF: 506454.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1285.314 $\pm$ 0.372 χ^2 /NDF: 315906.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

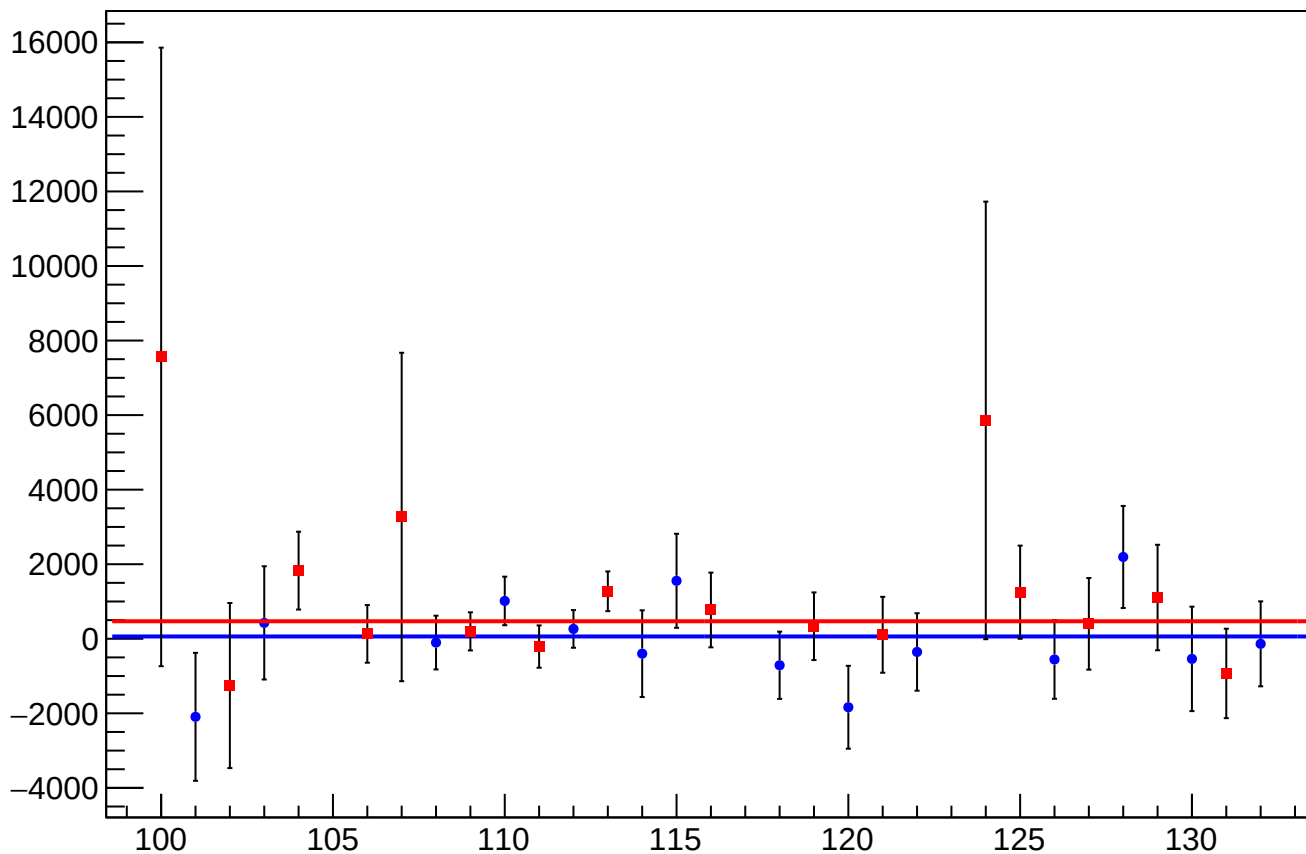
Right: 1281.518 $\pm$ 0.265 χ^2 /NDF: 822571.7/29

In: 1277.598 $\pm$ 0.378 χ^2 /NDF:506454.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1281.518 $\pm$ 0.265 χ^2 /NDF: 822571.7/29

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 61.823+/-249.878 χ^2/NDF : 12.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 469.896+/-229.301 χ^2/NDF : 10.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

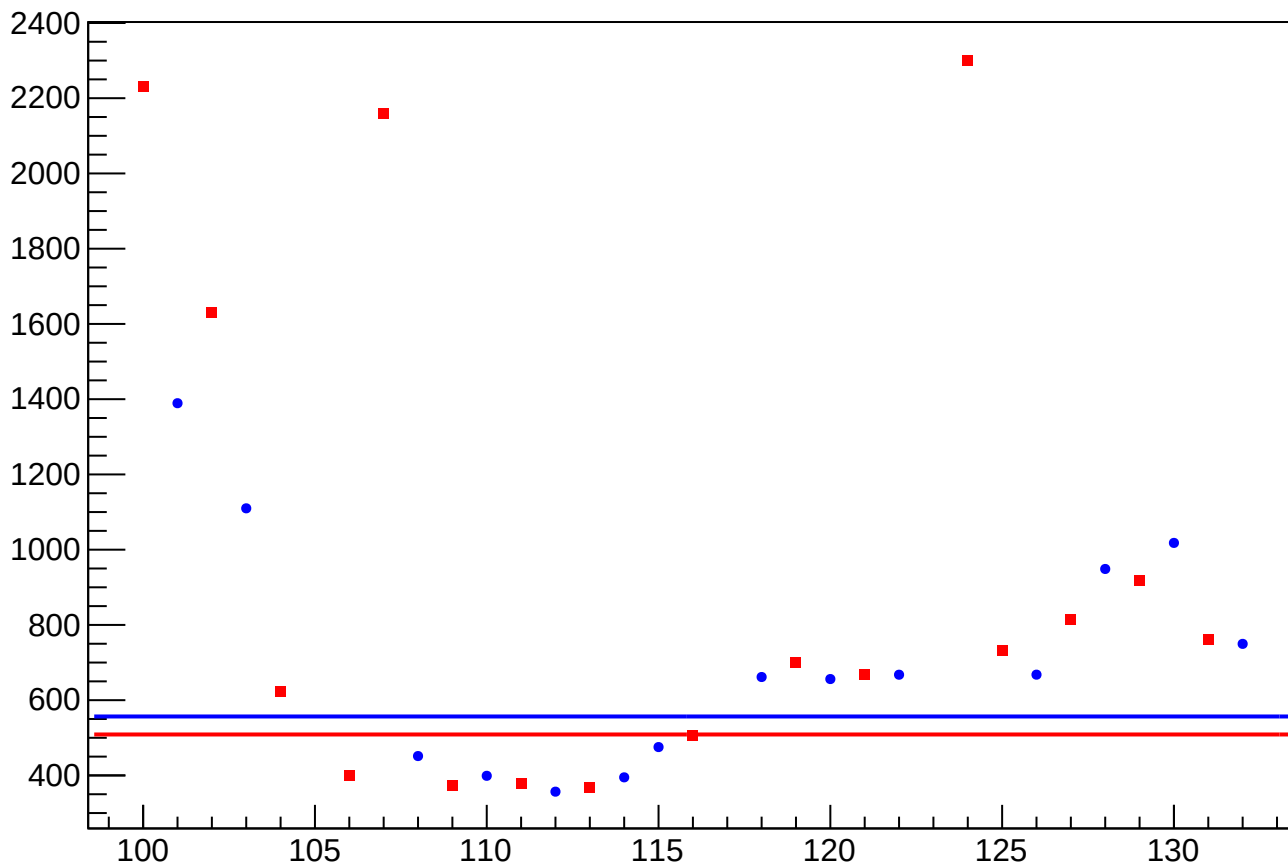
Right: 283.350+/-168.947 χ^2/NDF : 24.4/29

In: 61.823+/-249.878 χ^2/NDF : 12.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 283.350+/-168.947 χ^2/NDF : 24.4/29

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 556.674+/-0.177 χ^2/NDF : 1781967.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 508.830+/-0.162 χ^2/NDF : 2097413.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

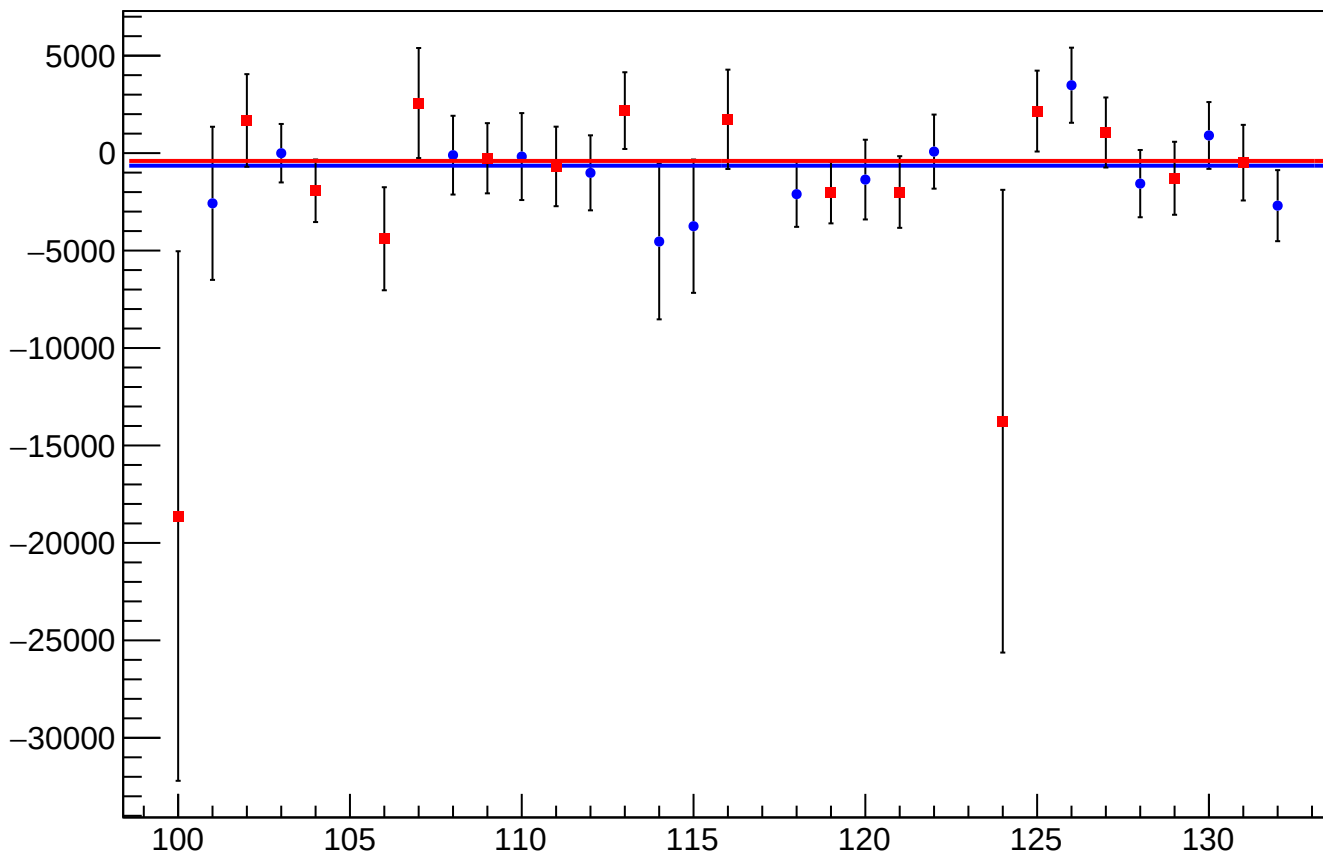
Right: 530.701+/-0.119 χ^2/NDF : 3919182.9/29

In: 556.674+/-0.177 χ^2/NDF : 1781967.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 530.701+/-0.119 χ^2/NDF : 3919182.9/29

cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -644.346+/-535.267 χ^2/NDF : 10.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -400.583+/-527.397 χ^2/NDF : 14.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

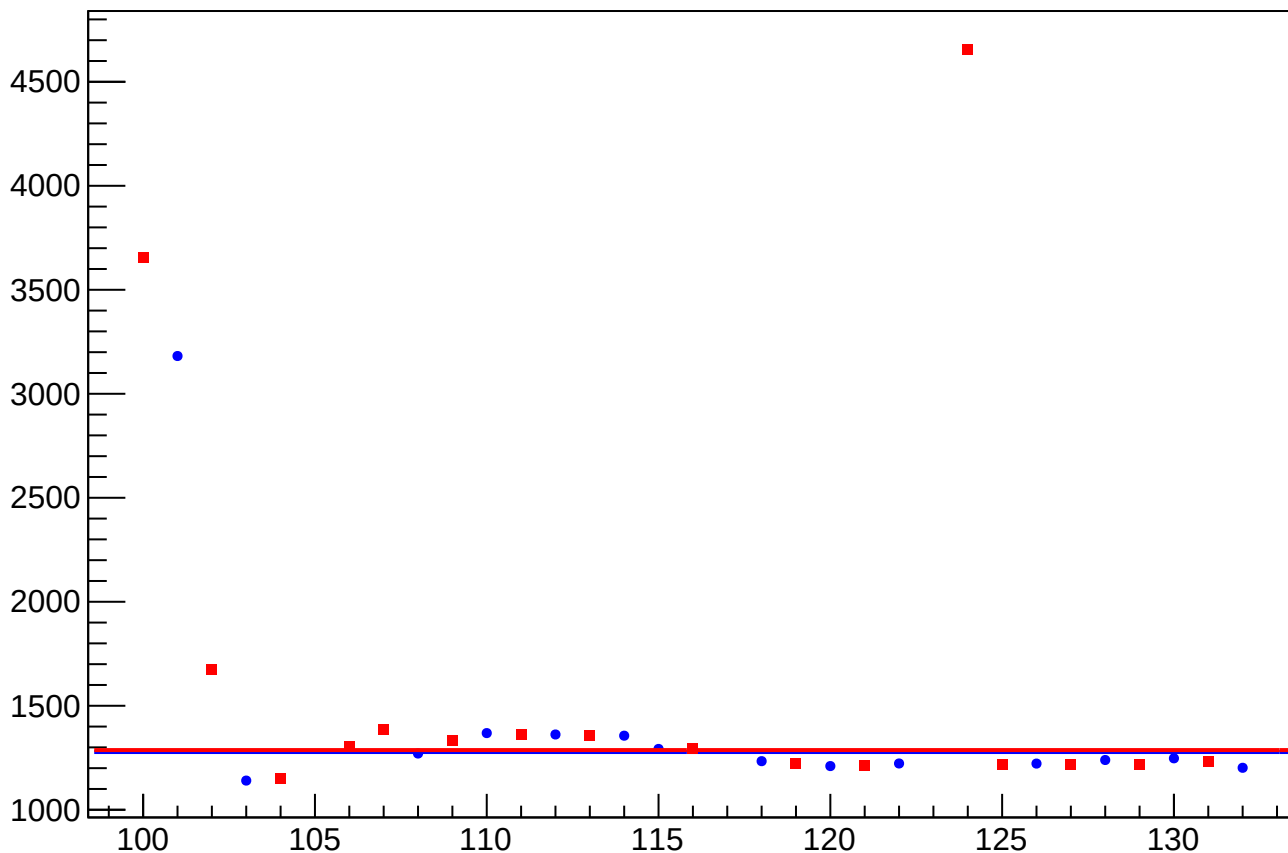
Right: -520.659+/-375.678 χ^2/NDF : 25.2/29

In: -644.346+/-535.267 χ^2/NDF : 10.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -520.659+/-375.678 χ^2/NDF : 25.2/29

cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1277.598+/-0.378 χ^2/NDF : 506455.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1286.993+/-0.373 χ^2/NDF : 315834.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

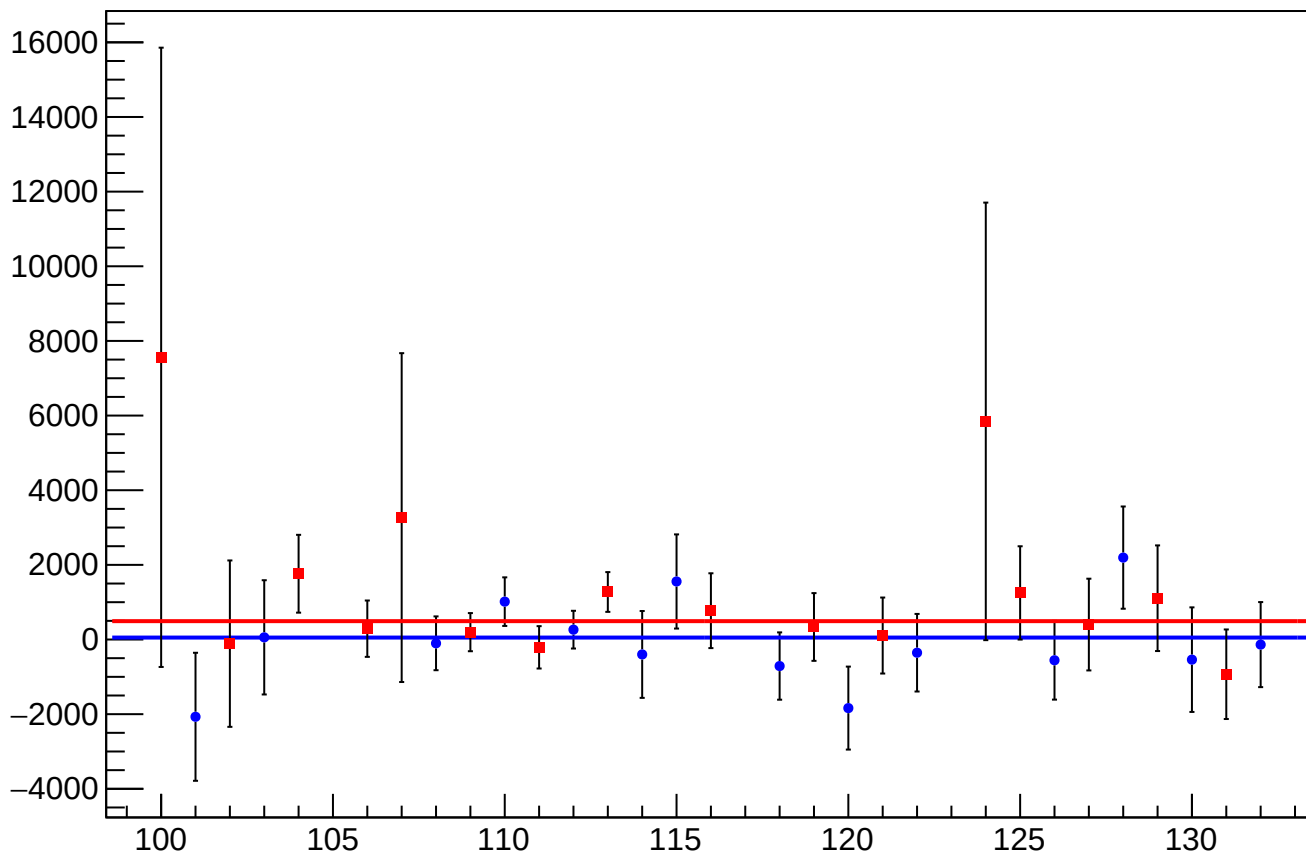
Right: 1282.365+/-0.266 χ^2/NDF : 822602.7/29

In: 1277.598+/-0.378 χ^2/NDF : 506455.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1282.365+/-0.266 χ^2/NDF : 822602.7/29

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 52.371+/-249.925 χ^2/NDF : 12.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 492.197+/-228.807 χ^2/NDF : 9.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

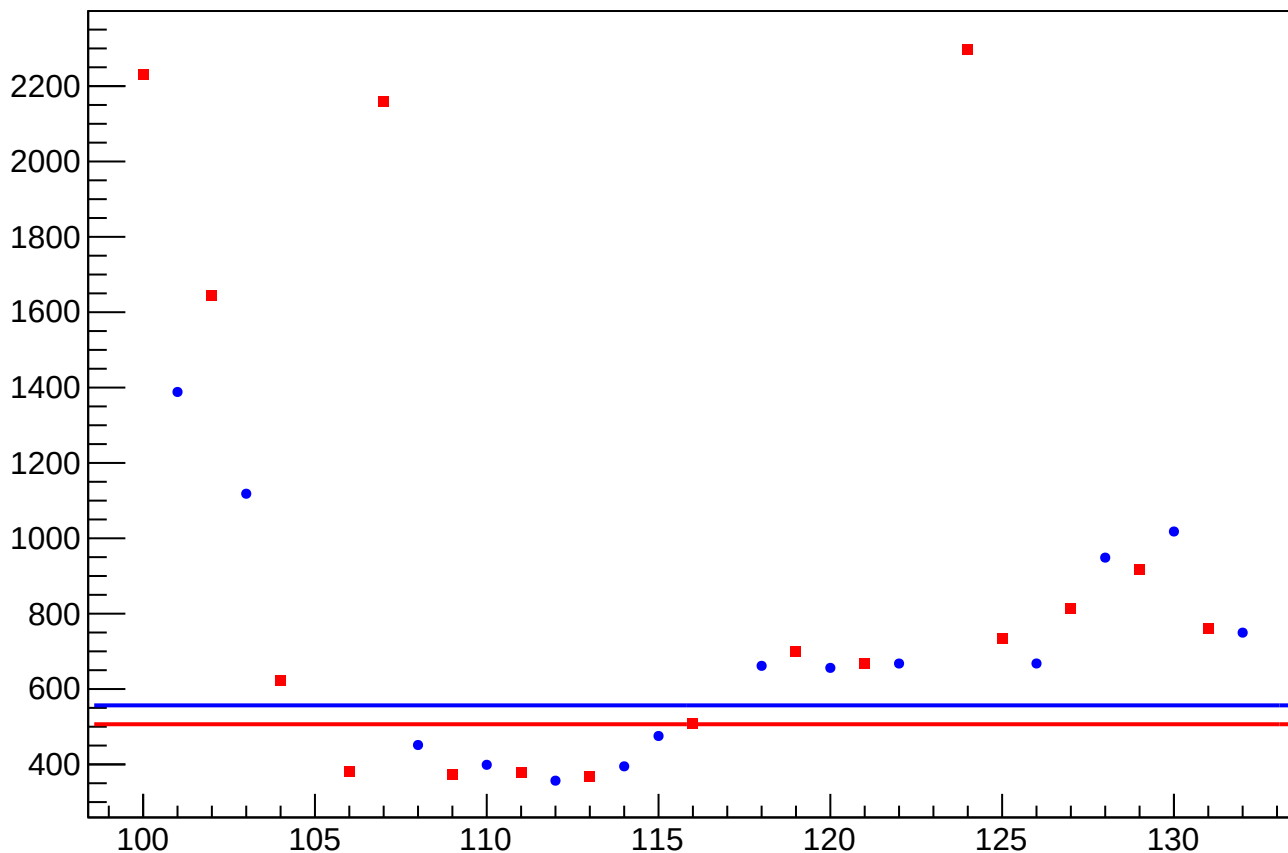
Right: 291.648+/-168.764 χ^2/NDF : 23.8/29

In: 52.371+/-249.925 χ^2/NDF : 12.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 291.648+/-168.764 χ^2/NDF : 23.8/29

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 556.685+/-0.177 χ^2/NDF : 1785638.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 506.563+/-0.162 χ^2/NDF : 2122068.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

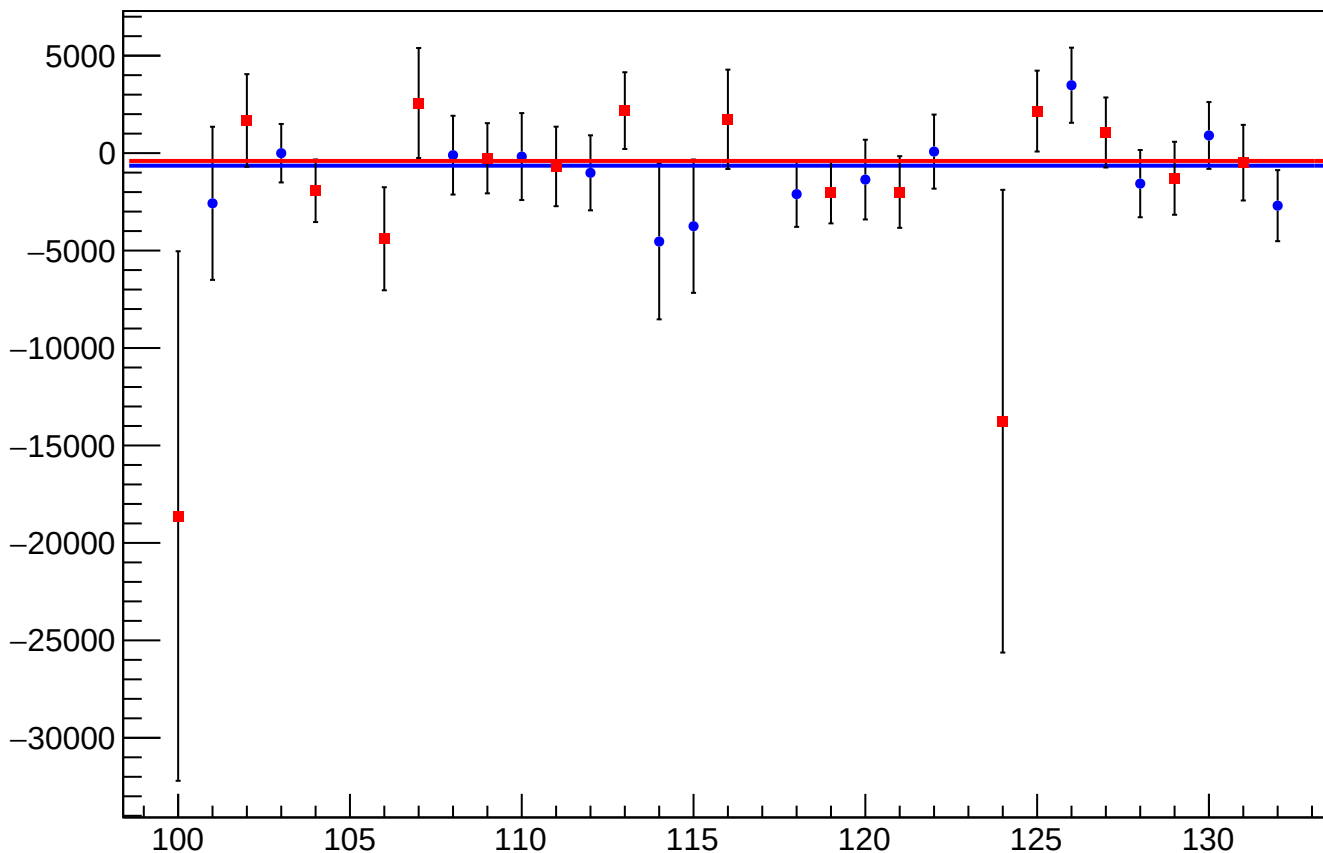
Right: 529.417+/-0.119 χ^2/NDF : 3951467.0/29

In: 556.685+/-0.177 χ^2/NDF : 1785638.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 529.417+/-0.119 χ^2/NDF : 3951467.0/29

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -644.346+/-535.267 χ^2/NDF : 10.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -400.583+/-527.397 χ^2/NDF : 14.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

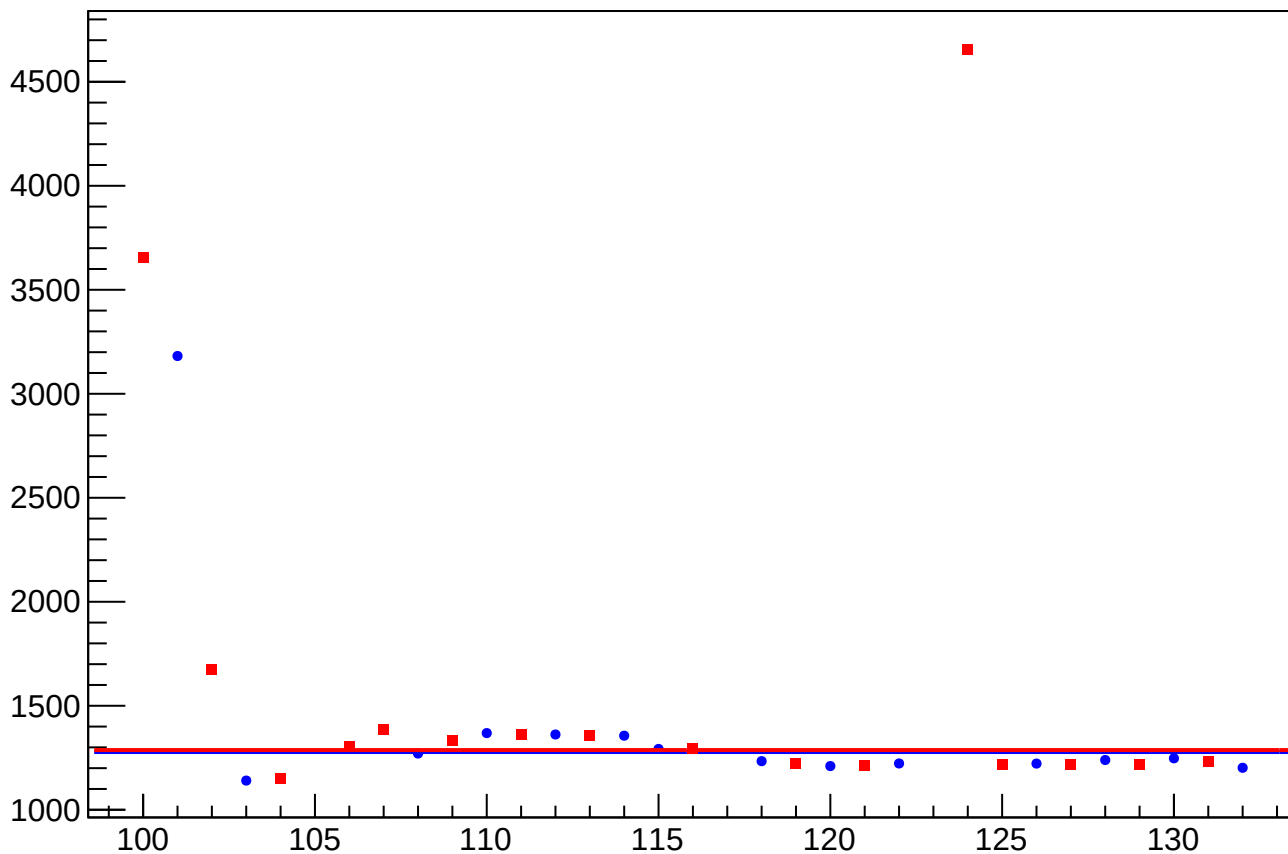
Right: -520.659+/-375.678 χ^2/NDF : 25.2/29

In: -644.346+/-535.267 χ^2/NDF : 10.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -520.659+/-375.678 χ^2/NDF : 25.2/29

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1277.598 $\pm$ 0.378 χ^2 /NDF: 506455.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1286.993 $\pm$ 0.373 χ^2 /NDF: 315834.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

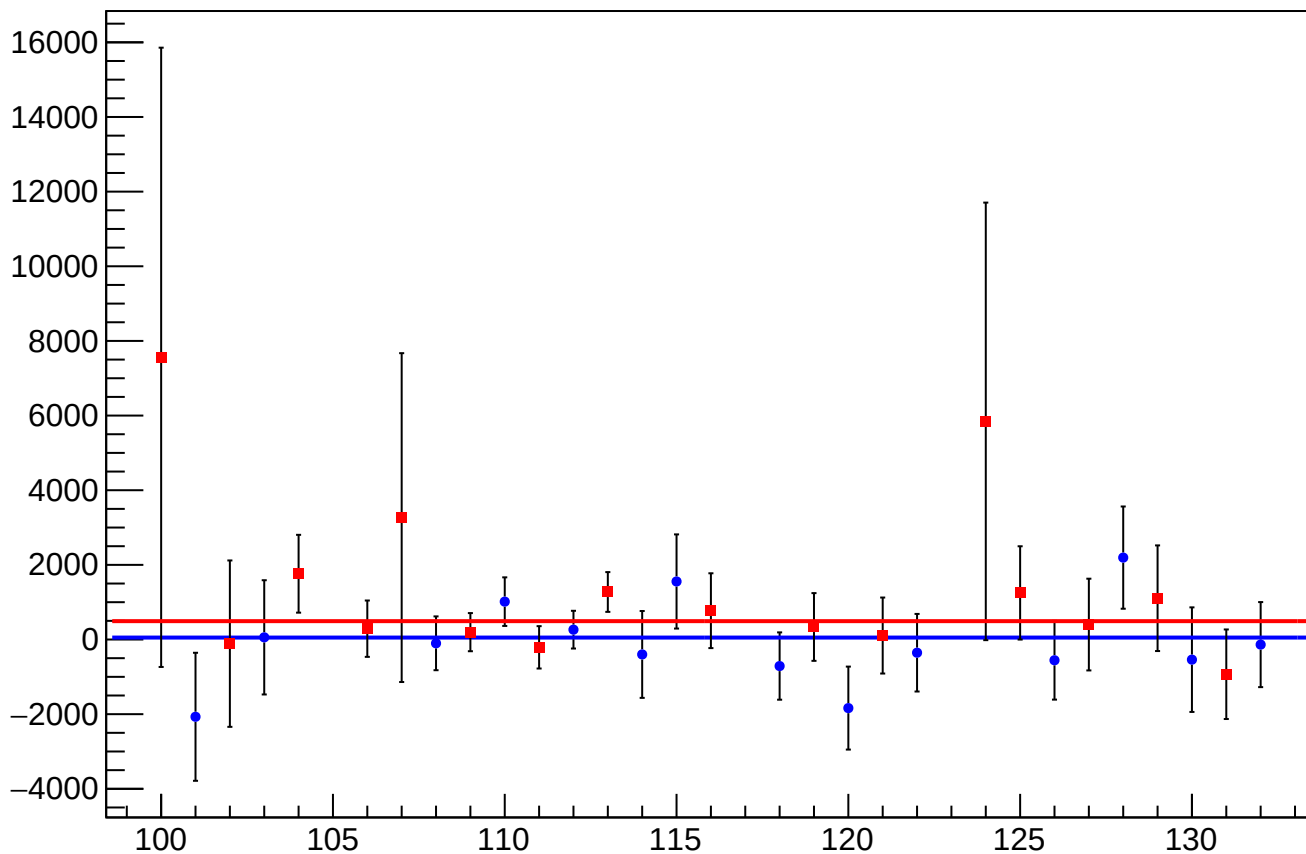
Right: 1282.365 $\pm$ 0.266 χ^2 /NDF: 822602.7/29

In: 1277.598 $\pm$ 0.378 χ^2 /NDF:506455.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1282.365 $\pm$ 0.266 χ^2 /NDF: 822602.7/29

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 52.371+/-249.925 χ^2/NDF : 12.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 492.197+/-228.807 χ^2/NDF : 9.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

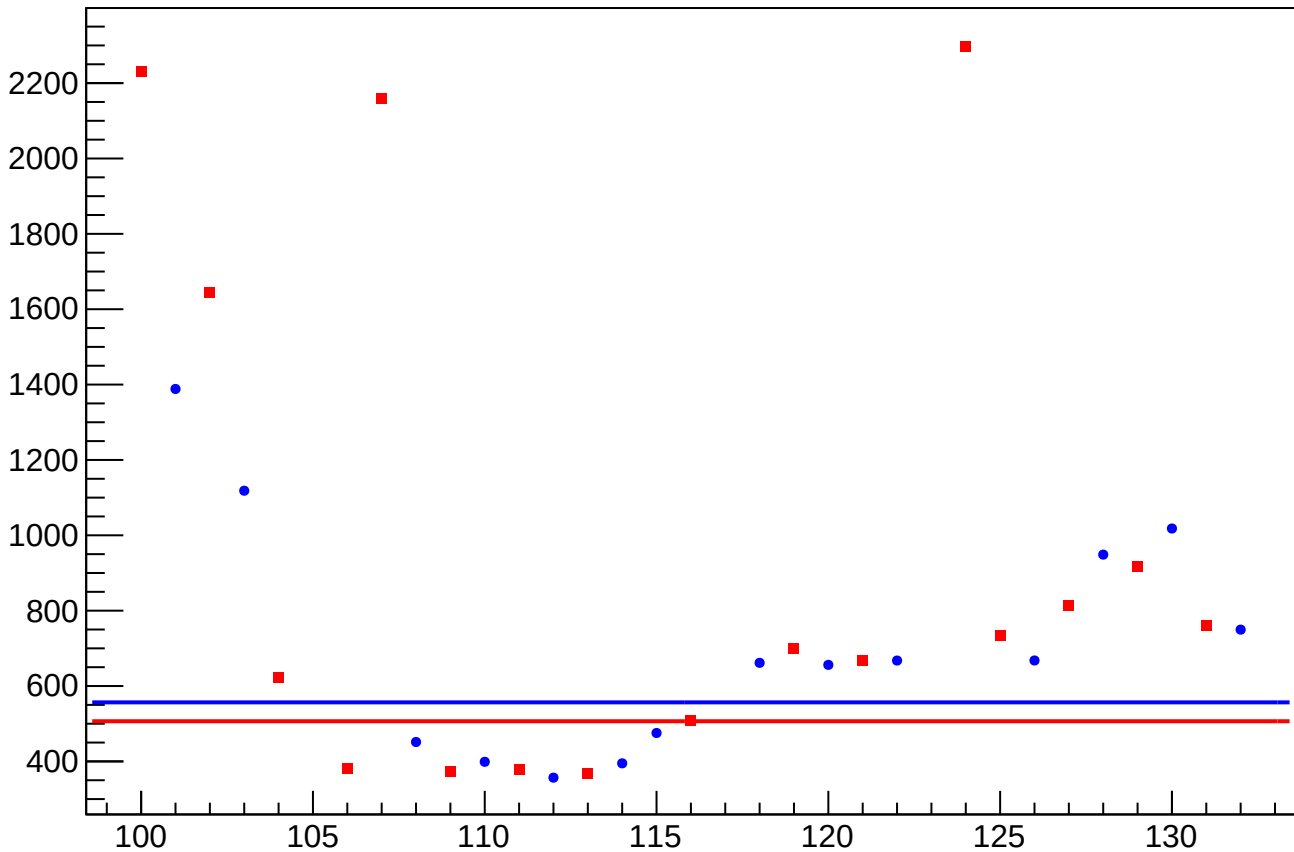
Right: 291.648+/-168.764 χ^2/NDF : 23.8/29

In: 52.371+/-249.925 χ^2/NDF : 12.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 291.648+/-168.764 χ^2/NDF : 23.8/29

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 556.685+/-0.177 χ^2/NDF : 1785638.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 506.563+/-0.162 χ^2/NDF : 2122068.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

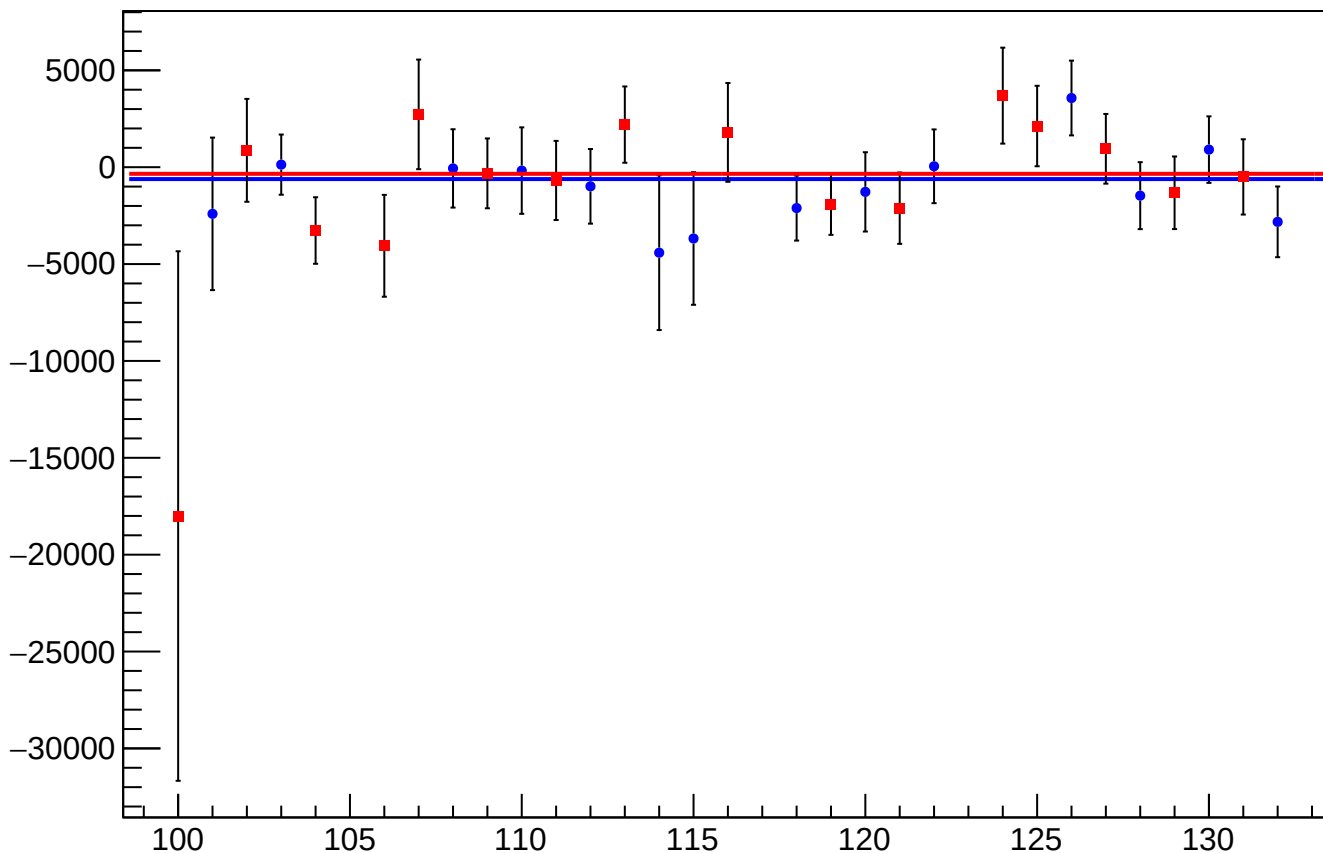
Right: 529.417+/-0.119 χ^2/NDF : 3951467.0/29

In: 556.685+/-0.177 χ^2/NDF :1785638.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 529.417+/-0.119 χ^2/NDF : 3951467.0/29

dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -613.239+/-538.023 χ^2/NDF : 10.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -341.558+/-522.512 χ^2/NDF : 17.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

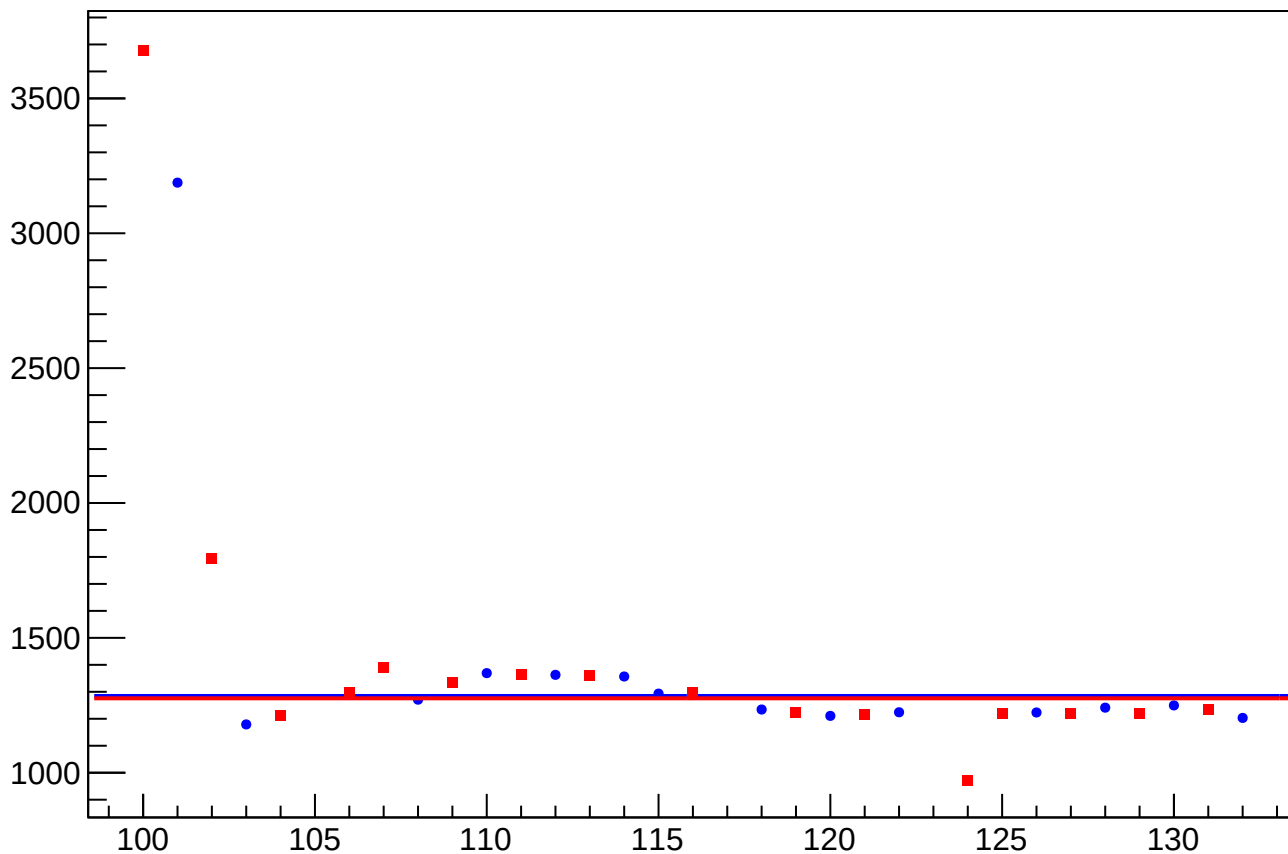
Right: -473.426+/-374.835 χ^2/NDF : 27.8/29

In: -613.239+/-538.023 χ^2/NDF : 10.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -473.426+/-374.835 χ^2/NDF : 27.8/29

dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1284.479+/-0.380 χ^2/NDF : 498185.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1275.788+/-0.369 χ^2/NDF : 194548.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

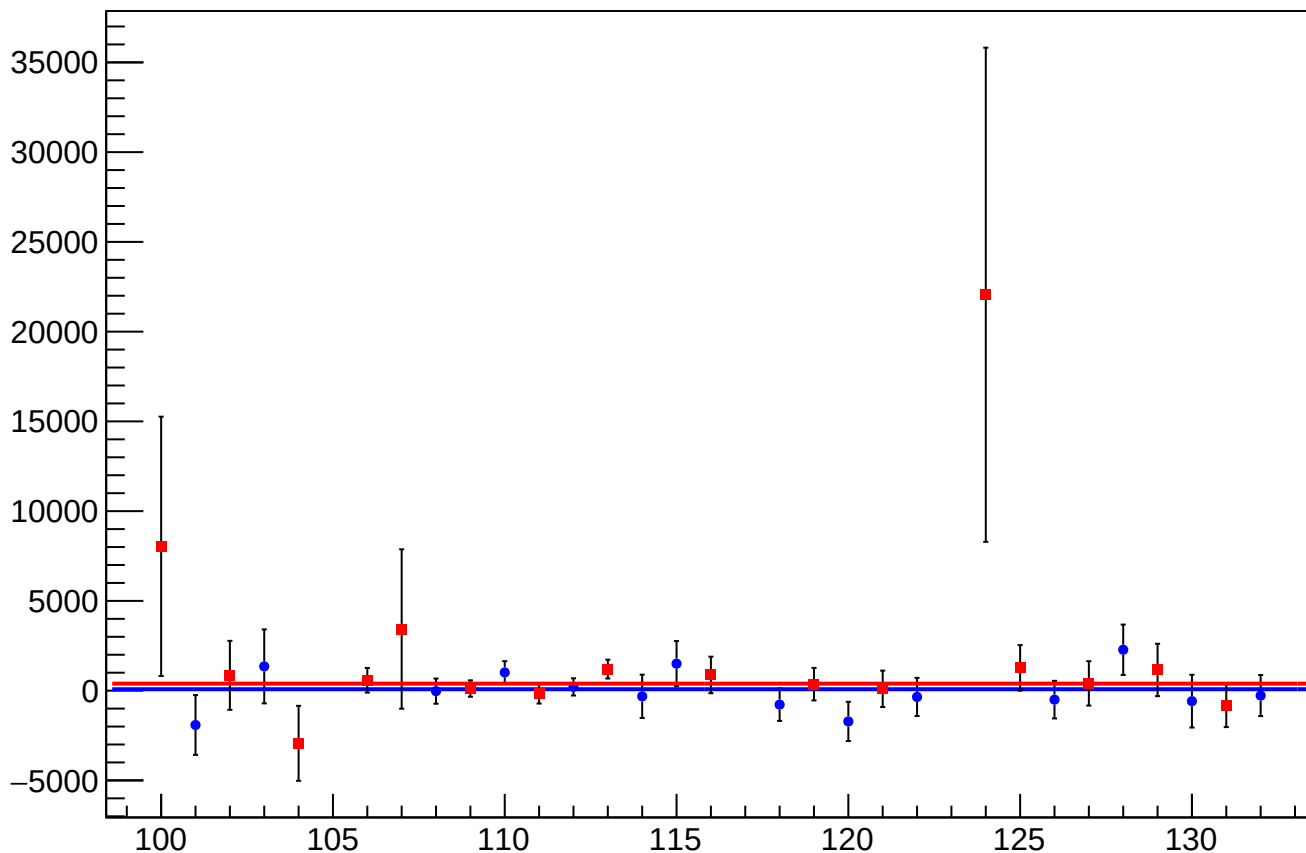
Right: 1280.006+/-0.265 χ^2/NDF : 693002.2/29

In: 1284.479+/-0.380 χ^2/NDF : 498185.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1280.006+/-0.265 χ^2/NDF : 693002.2/29

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 78.601+/-246.871 χ^2/NDF : 12.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 389.926+/-222.217 χ^2/NDF : 12.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

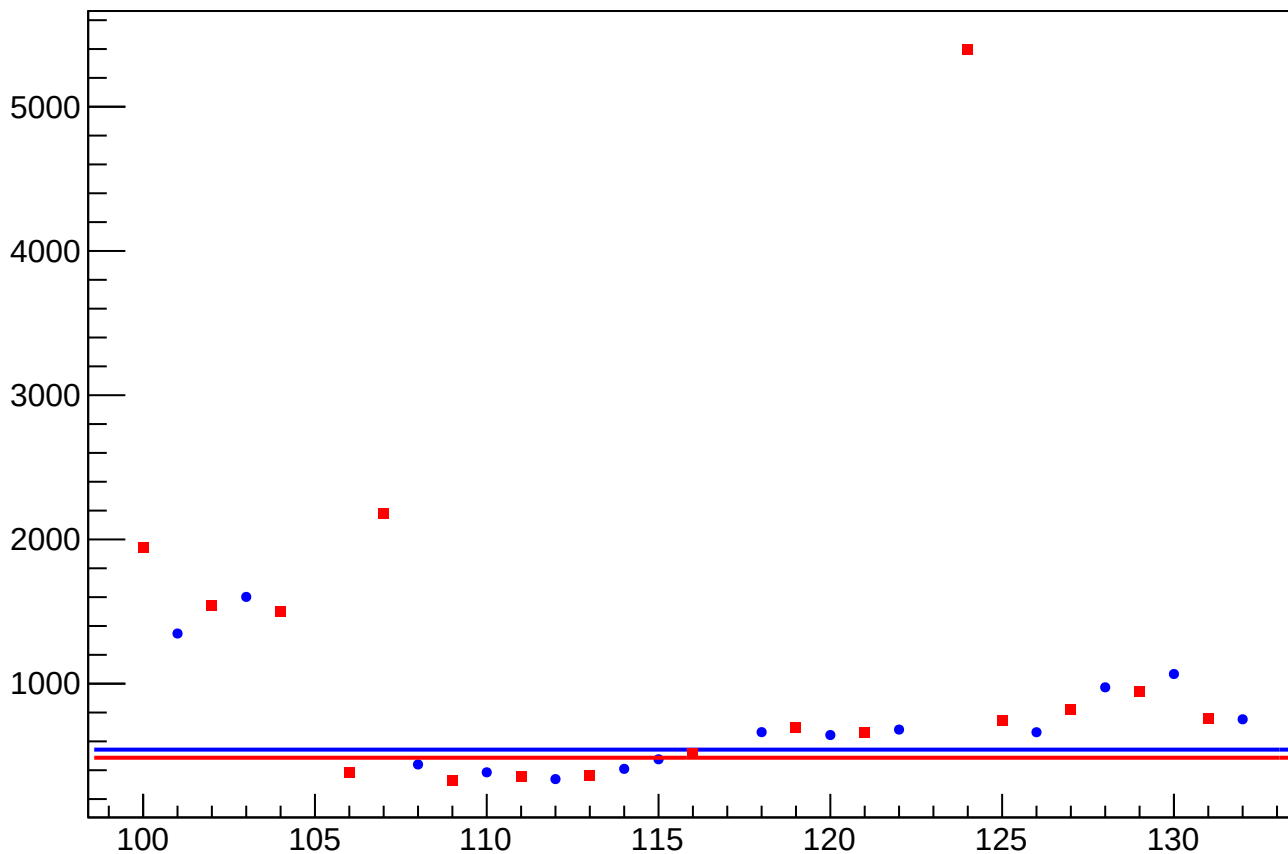
Right: 250.581+/-165.162 χ^2/NDF : 26.0/29

In: 78.601+/-246.871 χ^2/NDF : 12.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 250.581+/-165.162 χ^2/NDF : 26.0/29

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 542.852+/-0.175 χ^2/NDF : 2182620.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 486.634+/-0.157 χ^2/NDF : 2922315.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

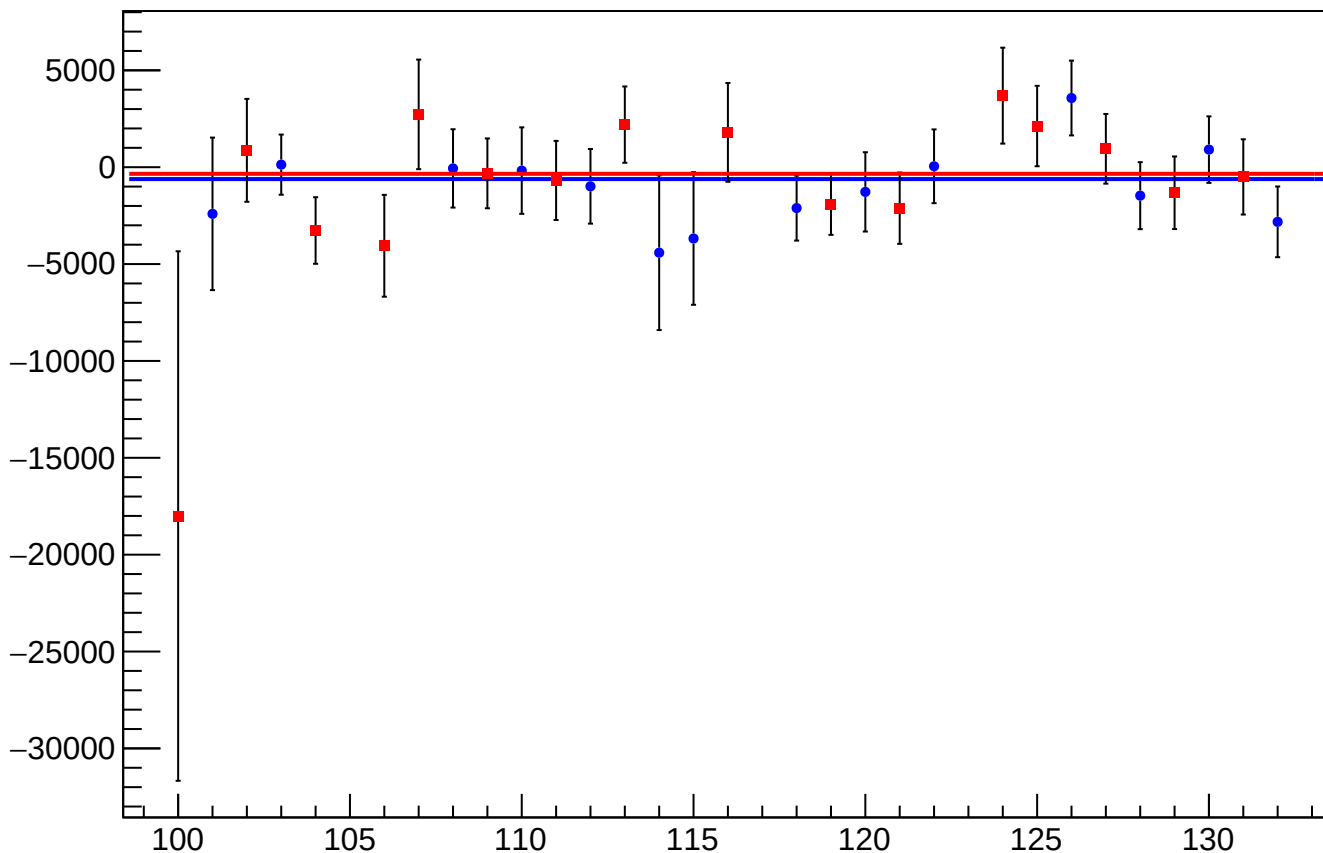
Right: 511.797+/-0.117 χ^2/NDF : 5162228.7/29

In: 542.852+/-0.175 χ^2/NDF : 2182620.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 511.797+/-0.117 χ^2/NDF : 5162228.7/29

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -613.236+/-538.023 χ^2/NDF : 10.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -341.559+/-522.512 χ^2/NDF : 17.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

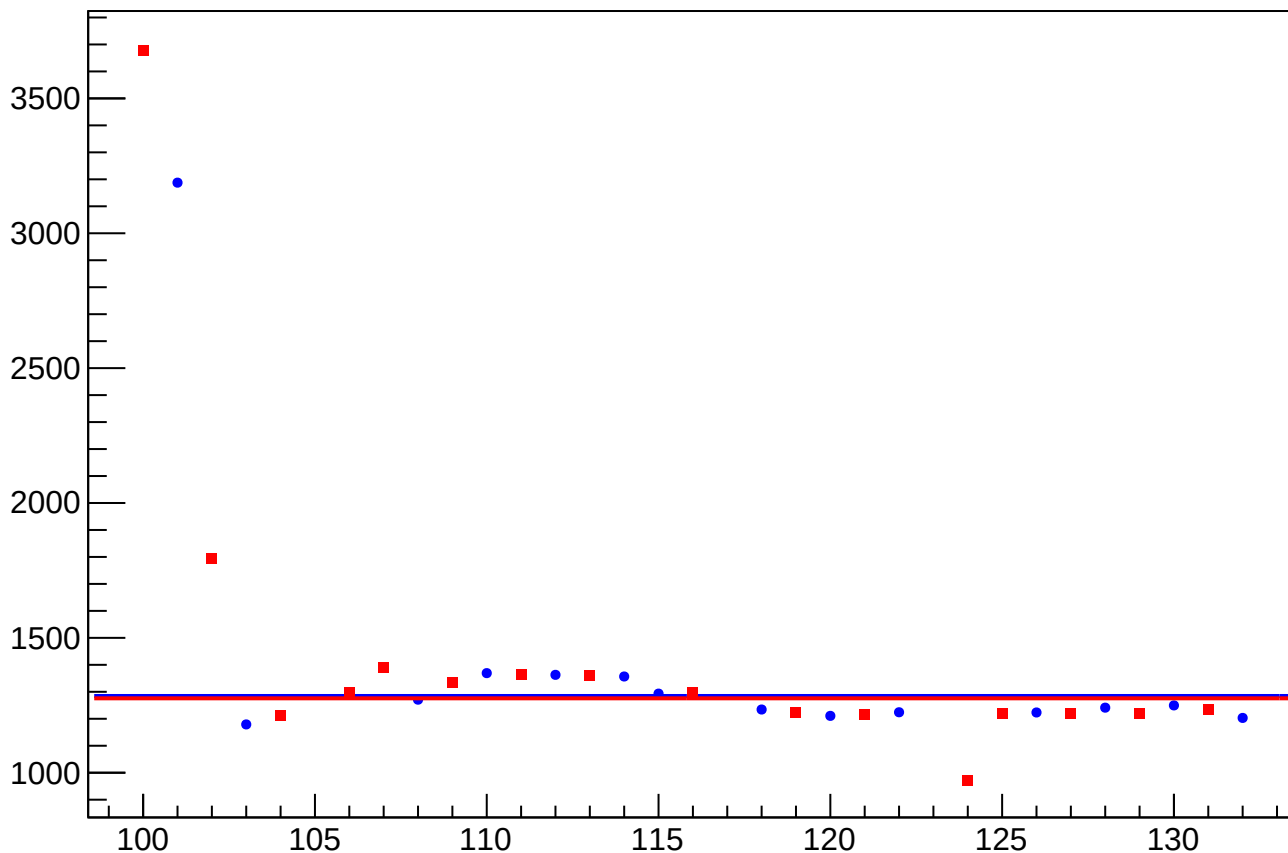
Right: -473.425+/-374.835 χ^2/NDF : 27.8/29

In: -613.236+/-538.023 χ^2/NDF : 10.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -473.425+/-374.835 χ^2/NDF : 27.8/29

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1284.479+/-0.380 χ^2/NDF : 498185.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1275.788+/-0.369 χ^2/NDF : 194548.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

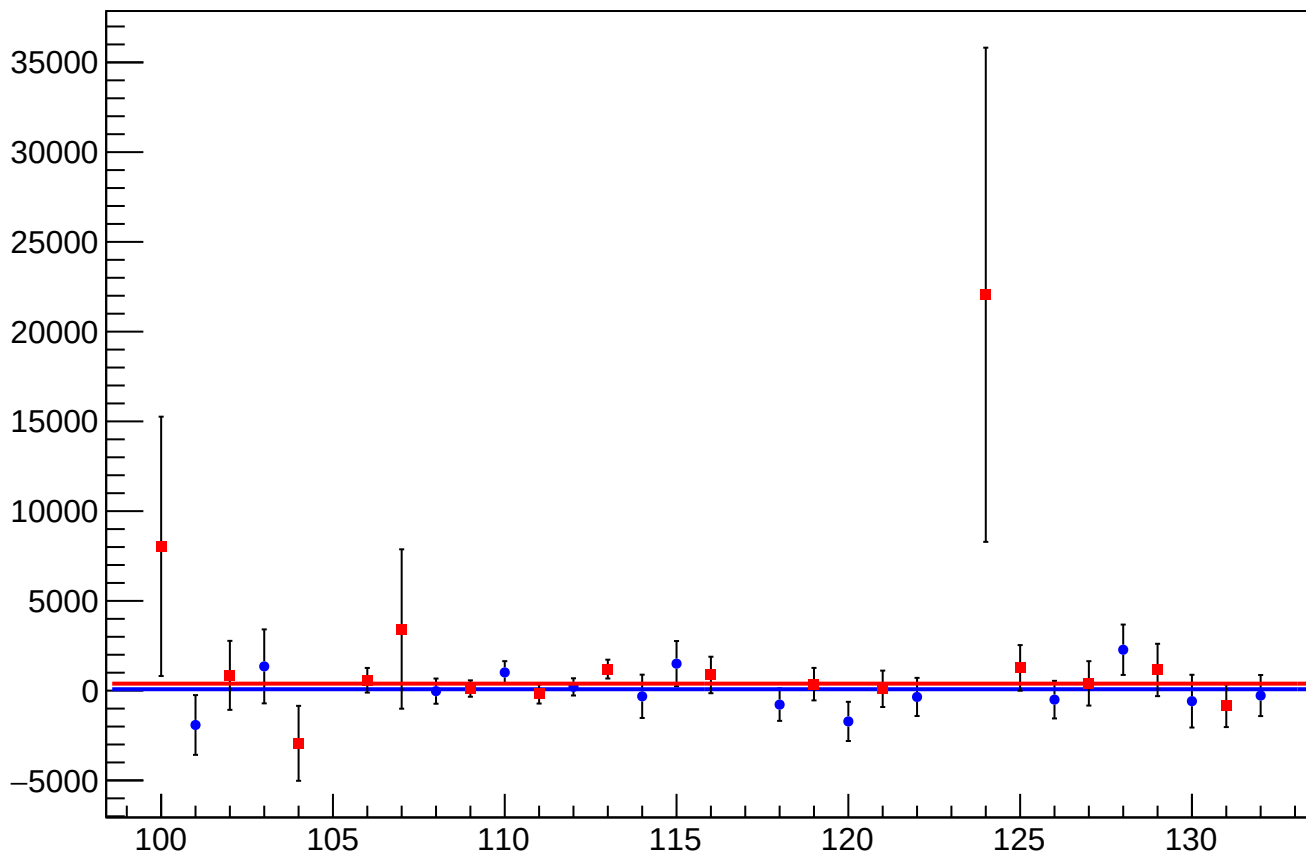
Right: 1280.006+/-0.265 χ^2/NDF : 693002.5/29

In: 1284.479+/-0.380 χ^2/NDF : 498185.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1280.006+/-0.265 χ^2/NDF : 693002.5/29

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 78.600+/-246.870 χ^2/NDF : 12.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 389.925+/-222.216 χ^2/NDF : 12.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

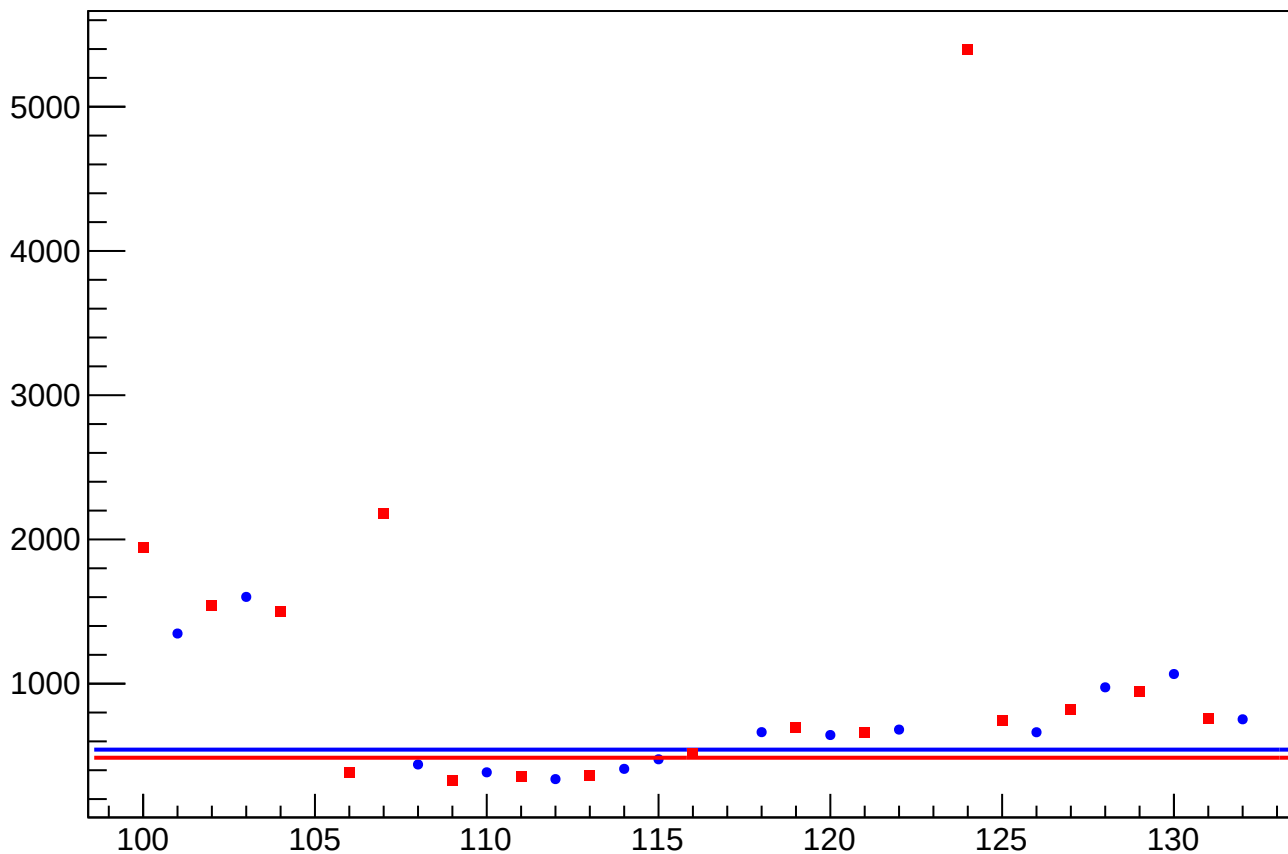
Right: 250.580+/-165.161 χ^2/NDF : 26.0/29

In: 78.600+/-246.870 χ^2/NDF : 12.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 250.580+/-165.161 χ^2/NDF : 26.0/29

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 542.849 $\pm$ 0.175 χ^2/NDF : 2182624.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 486.633 $\pm$ 0.157 χ^2/NDF : 2922321.4/15

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

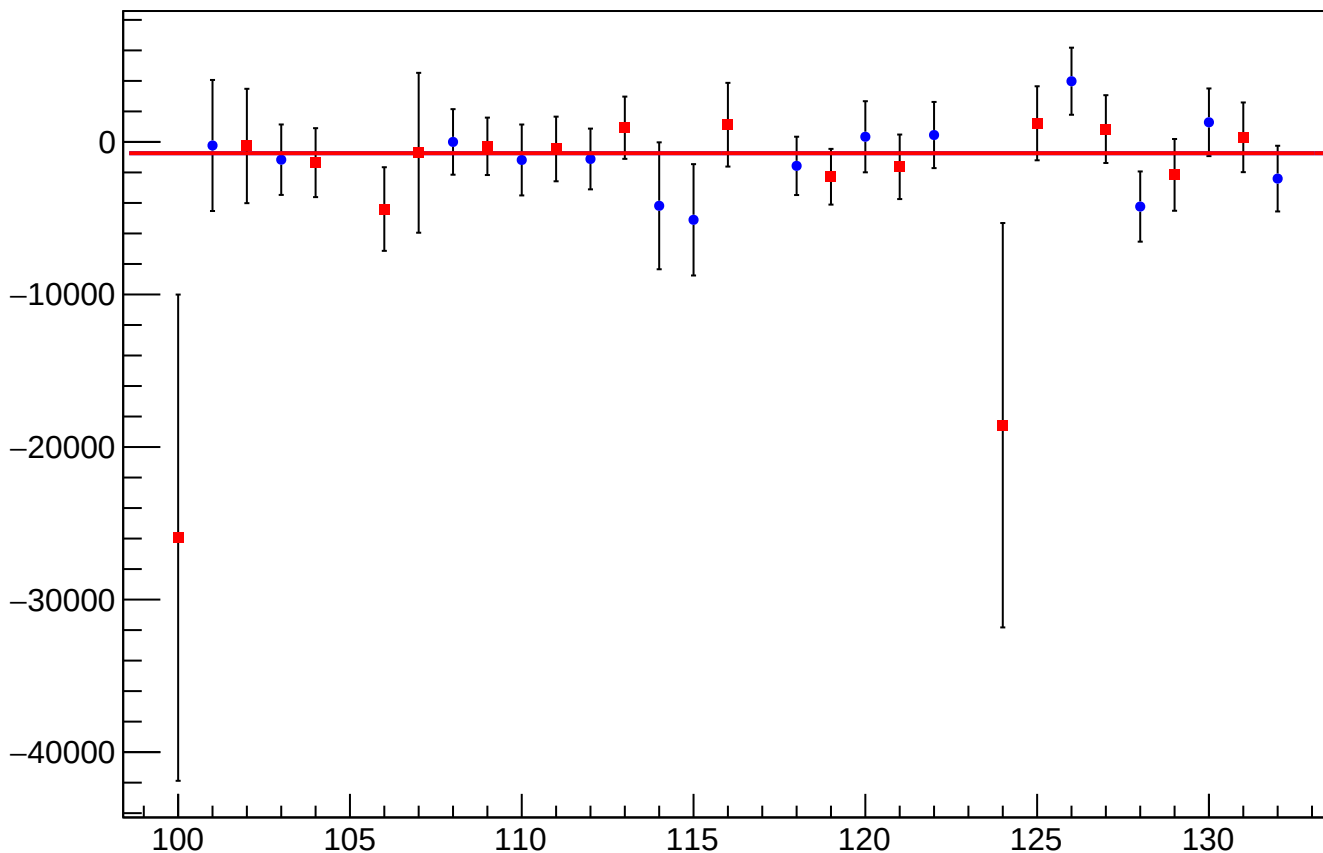
Right: 511.794 $\pm$ 0.117 χ^2/NDF : 5162236.6/29

In: 542.849 $\pm$ 0.175 χ^2/NDF : 2182624.5/13

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 511.794 $\pm$ 0.117 χ^2/NDF : 5162236.6/29

asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -740.479+/-630.764 χ^2 /NDF: 11.4/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -739.642+/-621.070 χ^2 /NDF: 10.0/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

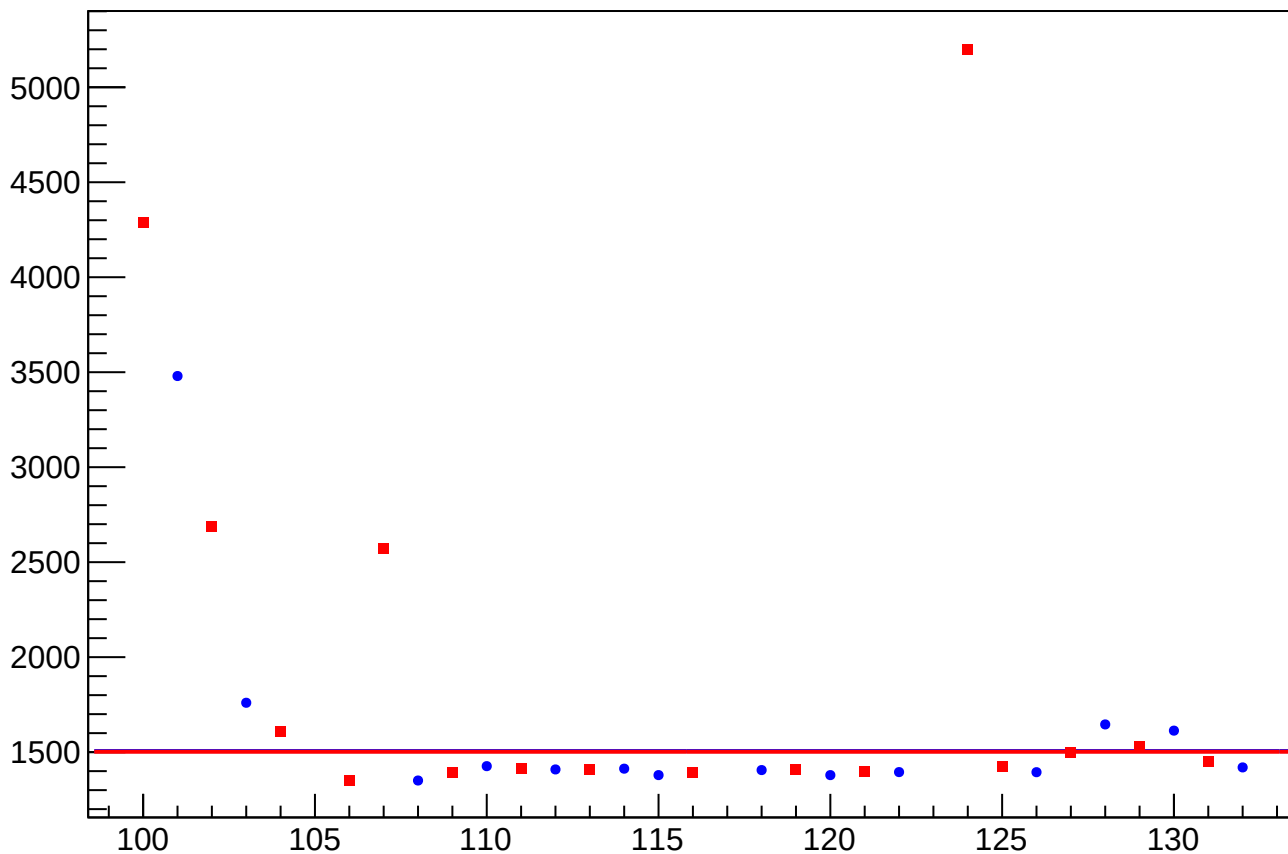
Right: -740.054+/-442.550 χ^2 /NDF: 21.4/29

In: -740.479+/-630.764 χ^2 /NDF:11.4/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -740.054+/-442.550 χ^2 /NDF: 21.4/29

asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1505.567+/-0.446 χ^2/NDF : 504605.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1502.206+/-0.439 χ^2/NDF : 540886.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

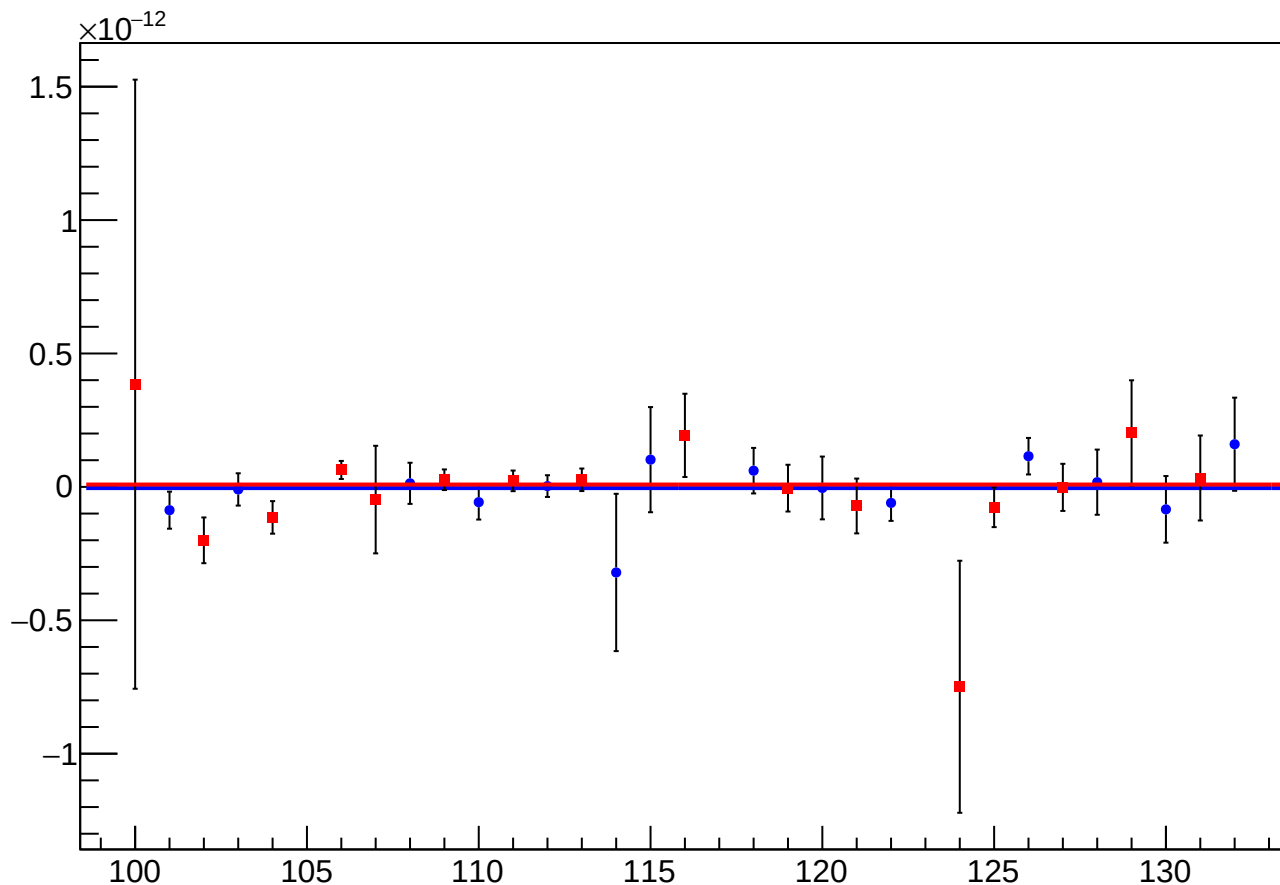
Right: 1503.861+/-0.313 χ^2/NDF : 1045521.2/29

In: 1505.567+/-0.446 χ^2/NDF : 504605.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1503.861+/-0.313 χ^2/NDF : 1045521.2/29

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_slug_sign_corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 9.2/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 20.3/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

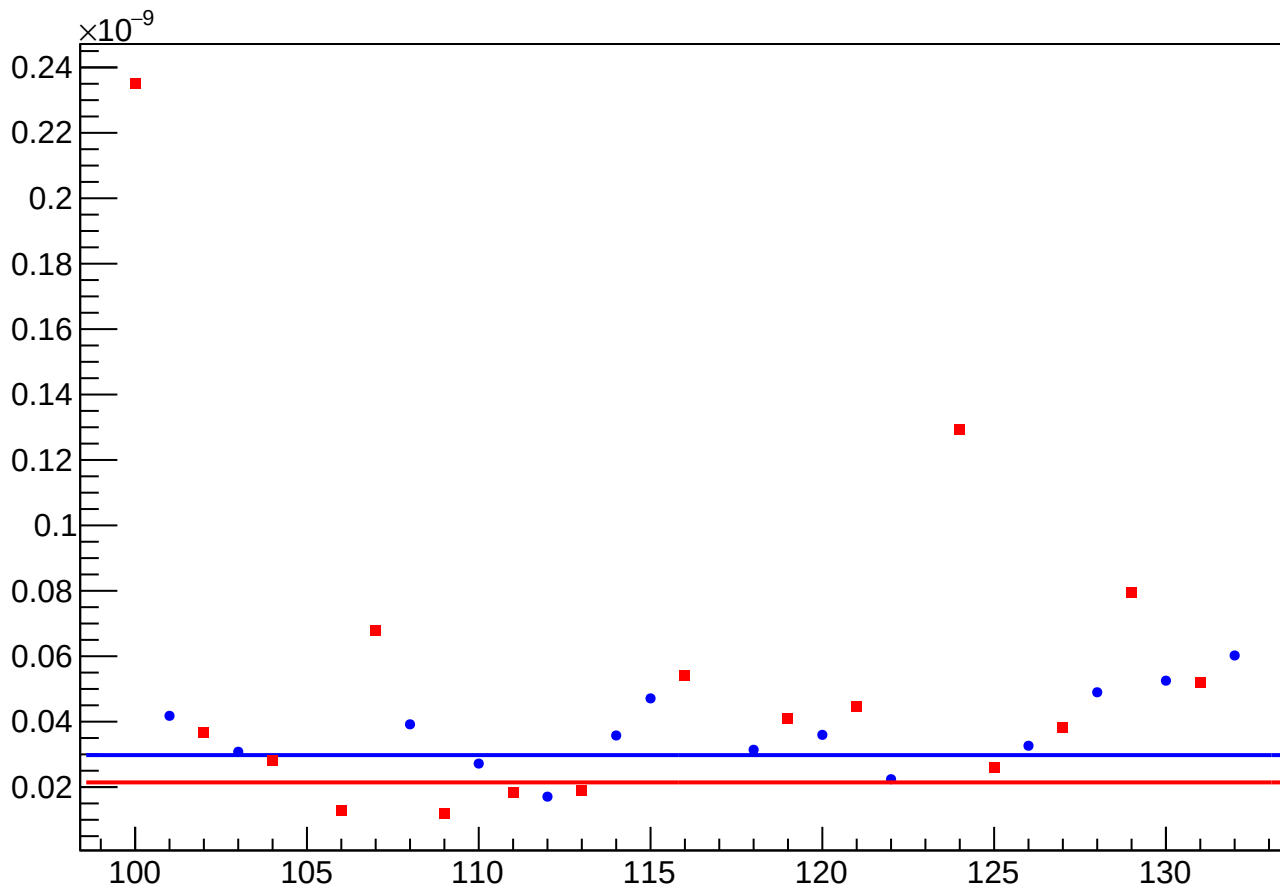
Right: 0.000 ± 0.000 χ^2/NDF : 29.8/29

In: -0.000 ± 0.000 χ^2/NDF : 9.2/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 29.8/29

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 514795.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1257552.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

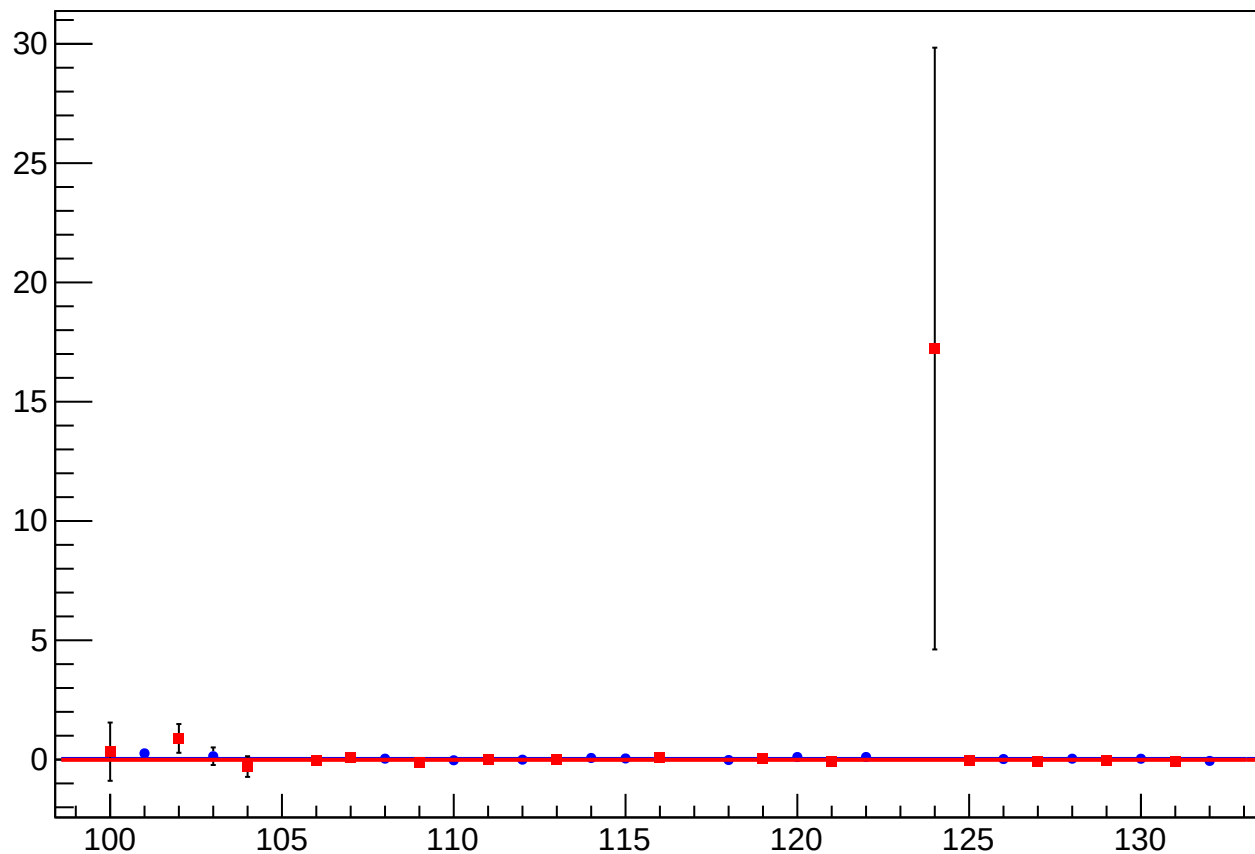
Right: 0.000+/-0.000 χ^2/NDF : 1974458.9/29

In: 0.000+/-0.000 χ^2/NDF :514795.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1974458.9/29

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026 $\pm$ 0.018 χ^2 /NDF: 10.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.011 $\pm$ 0.018 χ^2 /NDF: 15.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

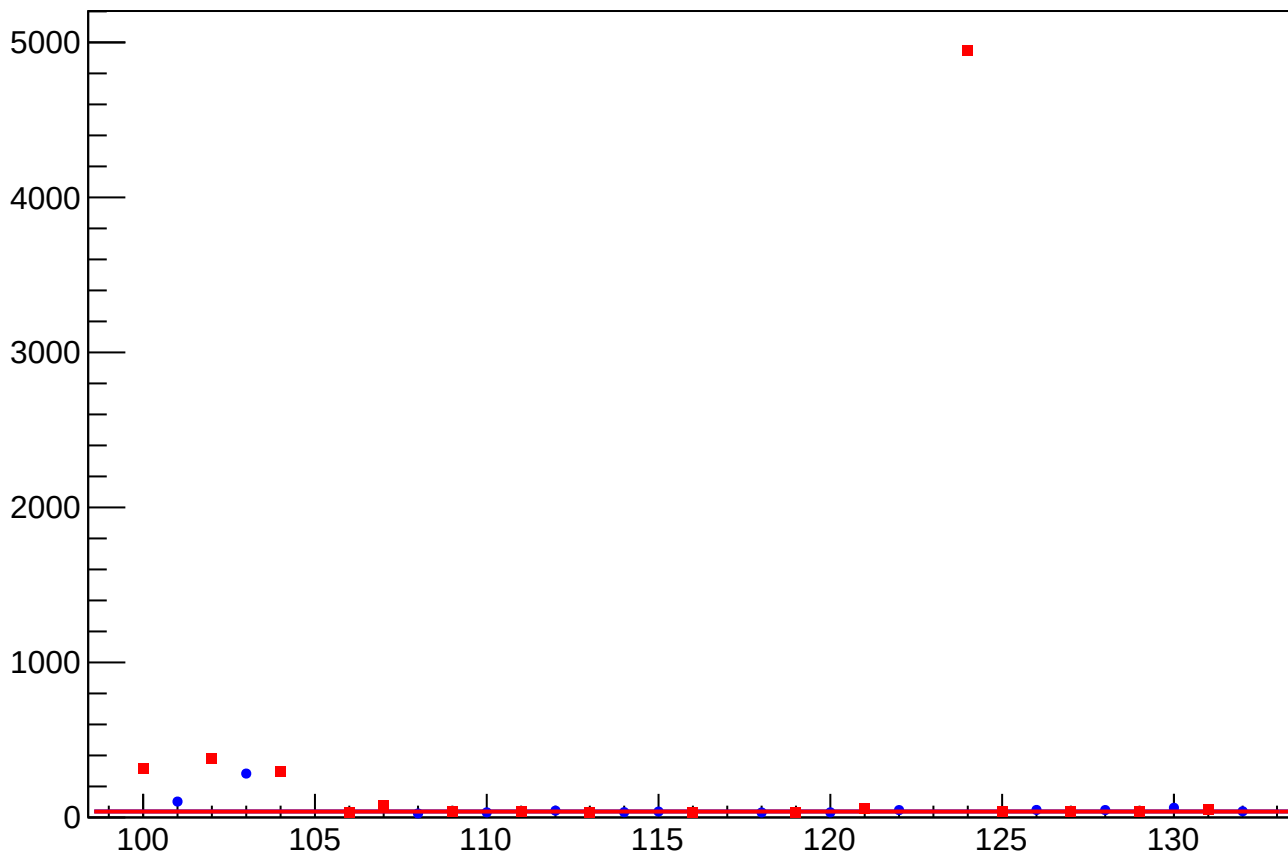
Right: 0.007 $\pm$ 0.013 χ^2 /NDF: 27.3/29

In: 0.026 $\pm$ 0.018 χ^2 /NDF:10.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.007 $\pm$ 0.013 χ^2 /NDF: 27.3/29

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.834+/-0.013 χ^2/NDF : 1826088.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.142+/-0.013 χ^2/NDF : 2100236.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

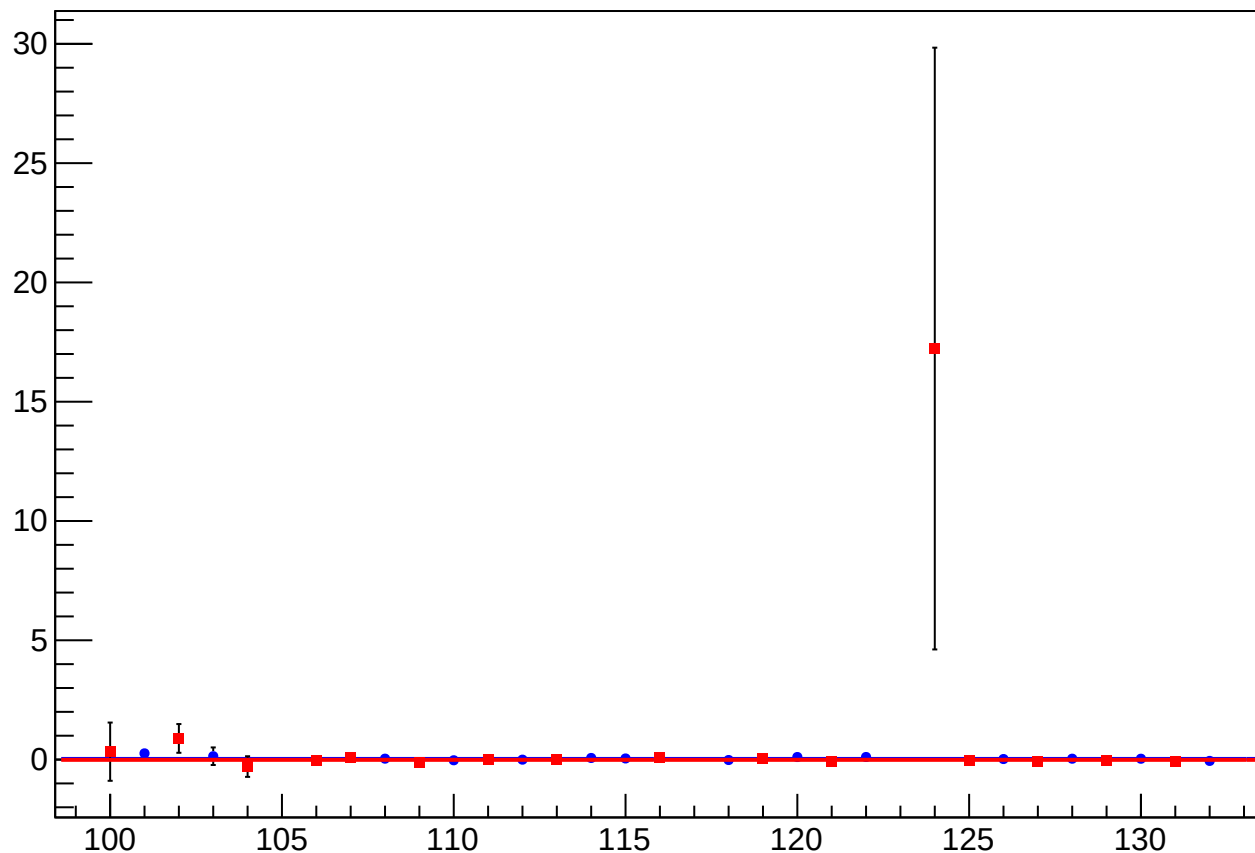
Right: 38.487+/-0.009 χ^2/NDF : 3927758.5/29

In: 38.834+/-0.013 χ^2/NDF : 1826088.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.487+/-0.009 χ^2/NDF : 3927758.5/29

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026+/-0.018 χ^2/NDF : 10.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.011+/-0.018 χ^2/NDF : 15.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

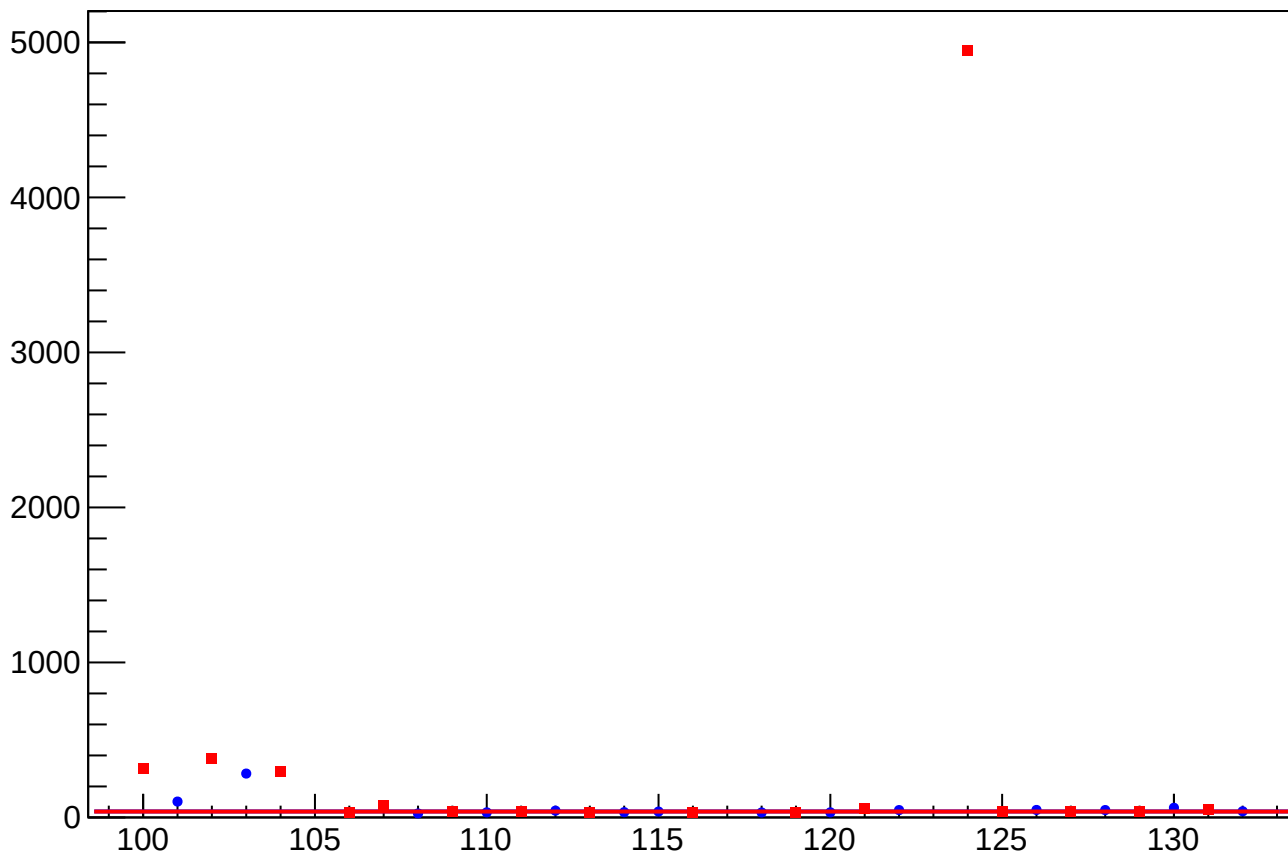
Right: 0.007+/-0.013 χ^2/NDF : 27.3/29

In: 0.026+/-0.018 χ^2/NDF : 10.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.013 χ^2/NDF : 27.3/29

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.834+/-0.013 χ^2/NDF : 1826088.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.142+/-0.013 χ^2/NDF : 2100236.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

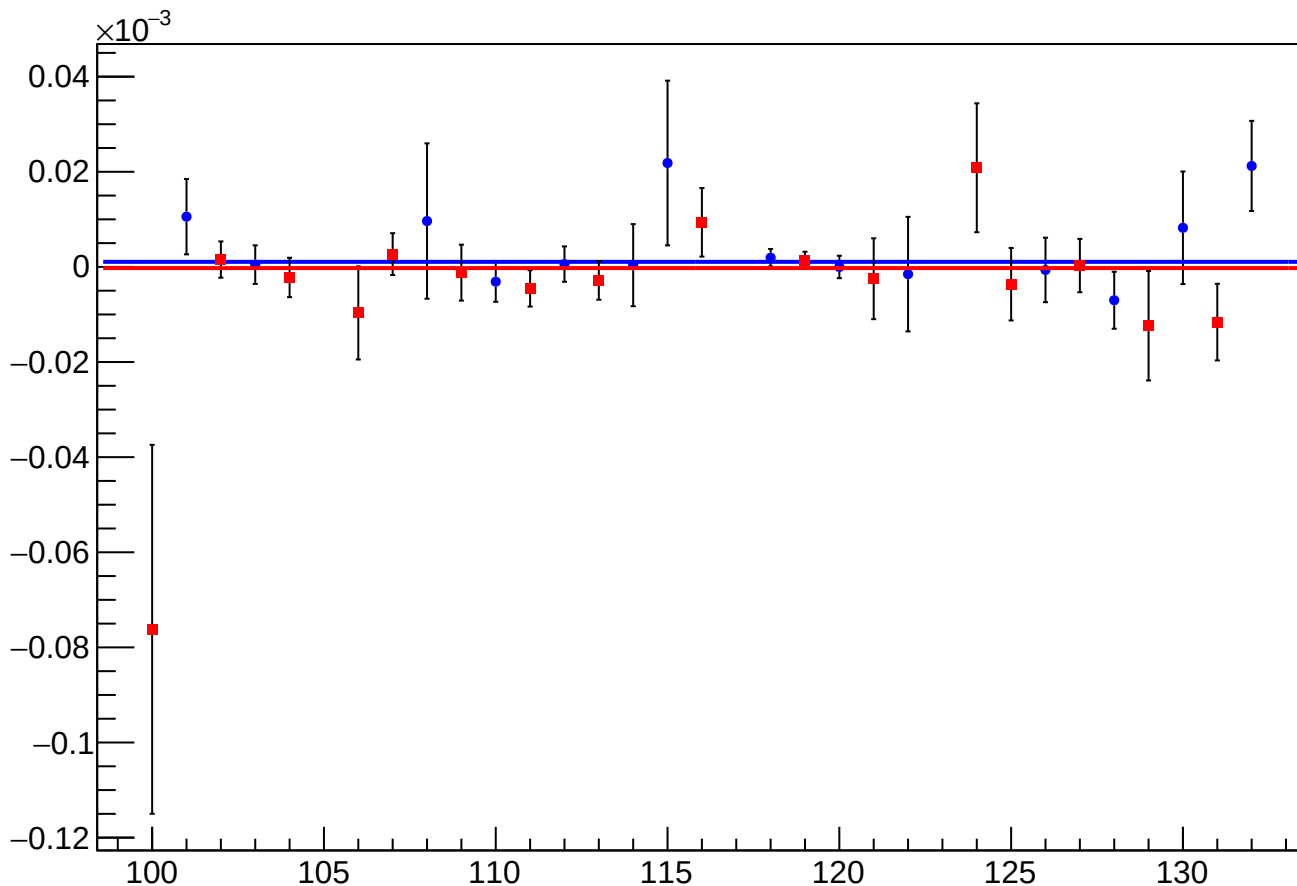
Right: 38.487+/-0.009 χ^2/NDF : 3927758.5/29

In: 38.834+/-0.013 χ^2/NDF : 1826088.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.487+/-0.009 χ^2/NDF : 3927758.5/29

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

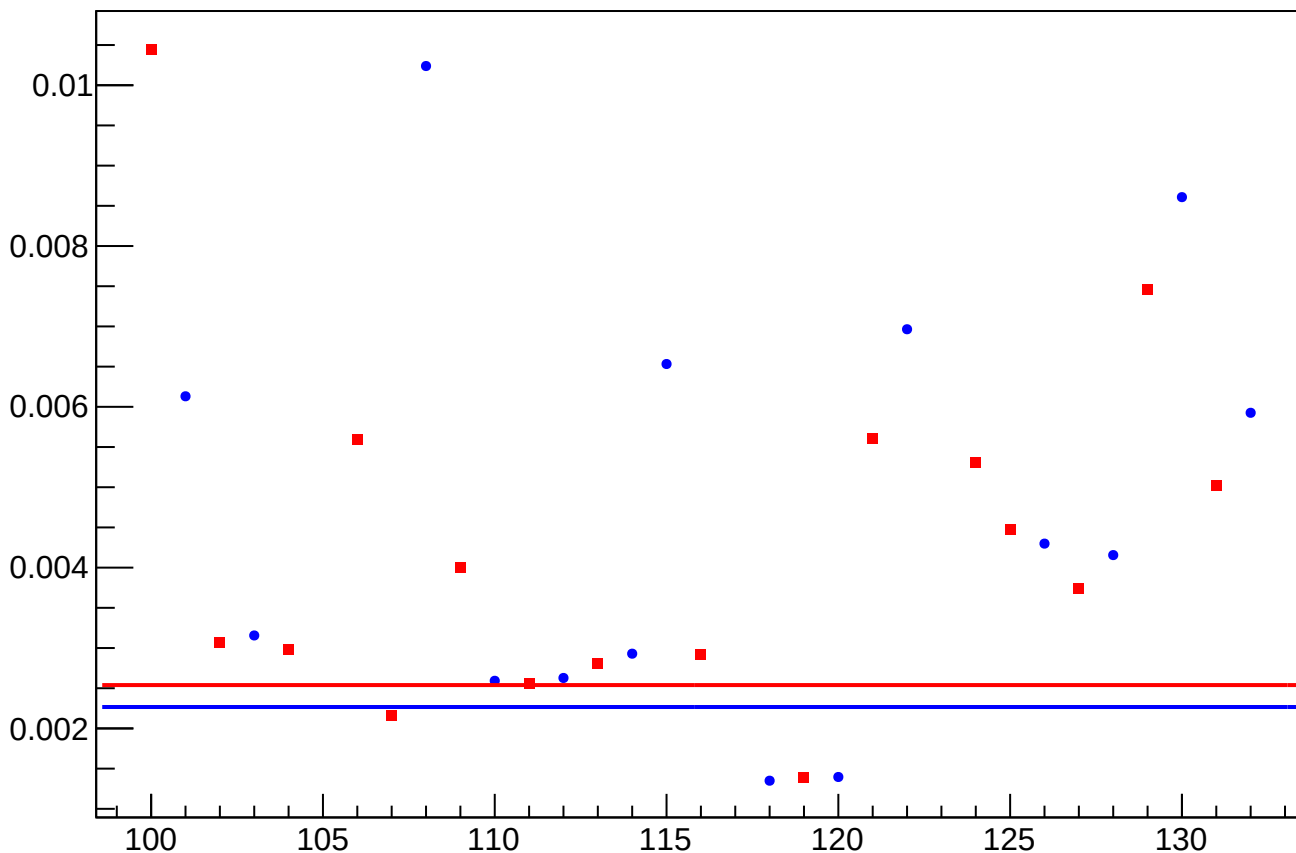
Right: 0.000+/-0.000 χ^2/NDF : 27.8/29

In: 0.000+/-0.000 χ^2/NDF : 11.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.8/29

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 3537923.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2418354.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

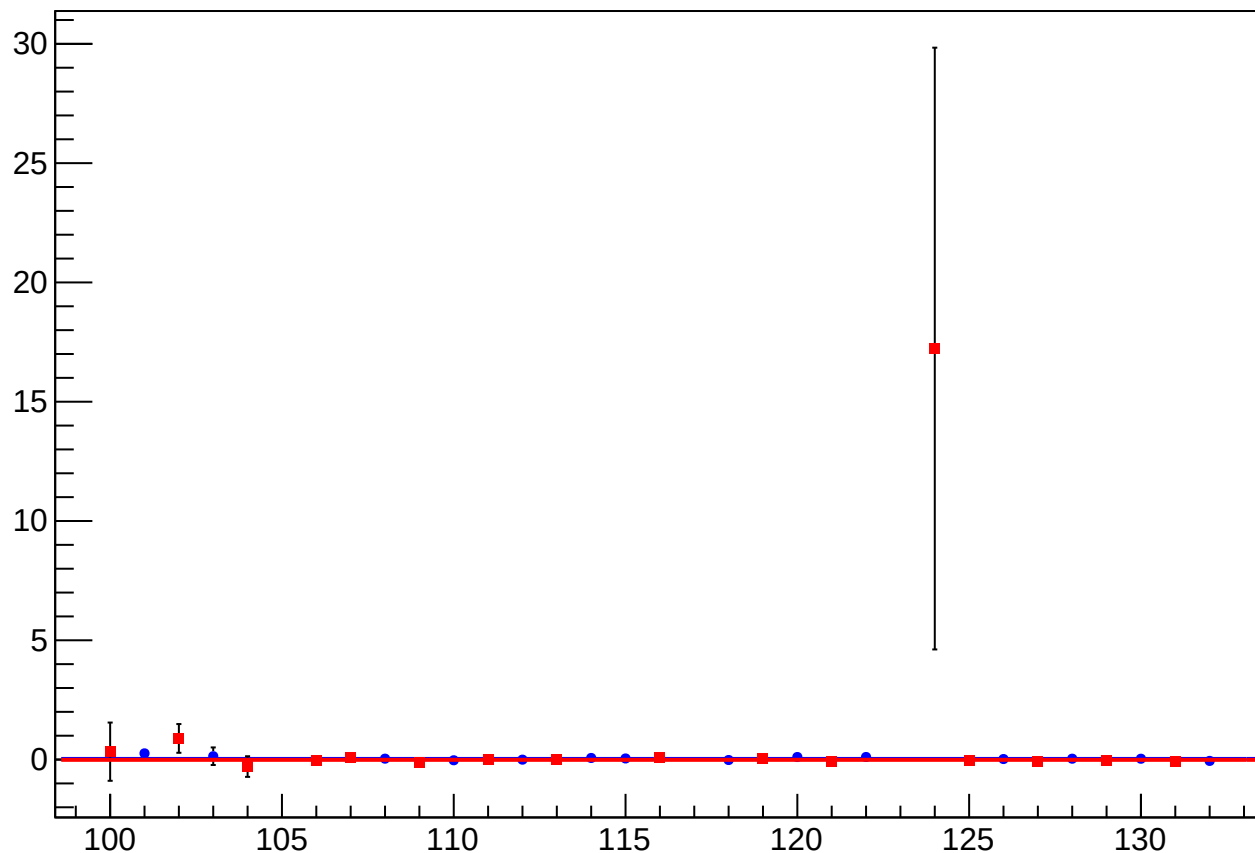
Right: 0.002+/-0.000 χ^2/NDF : 6013573.5/29

In: 0.002+/-0.000 χ^2/NDF :3537923.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6013573.5/29

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026+/-0.018 χ^2/NDF : 10.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.011+/-0.018 χ^2/NDF : 15.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

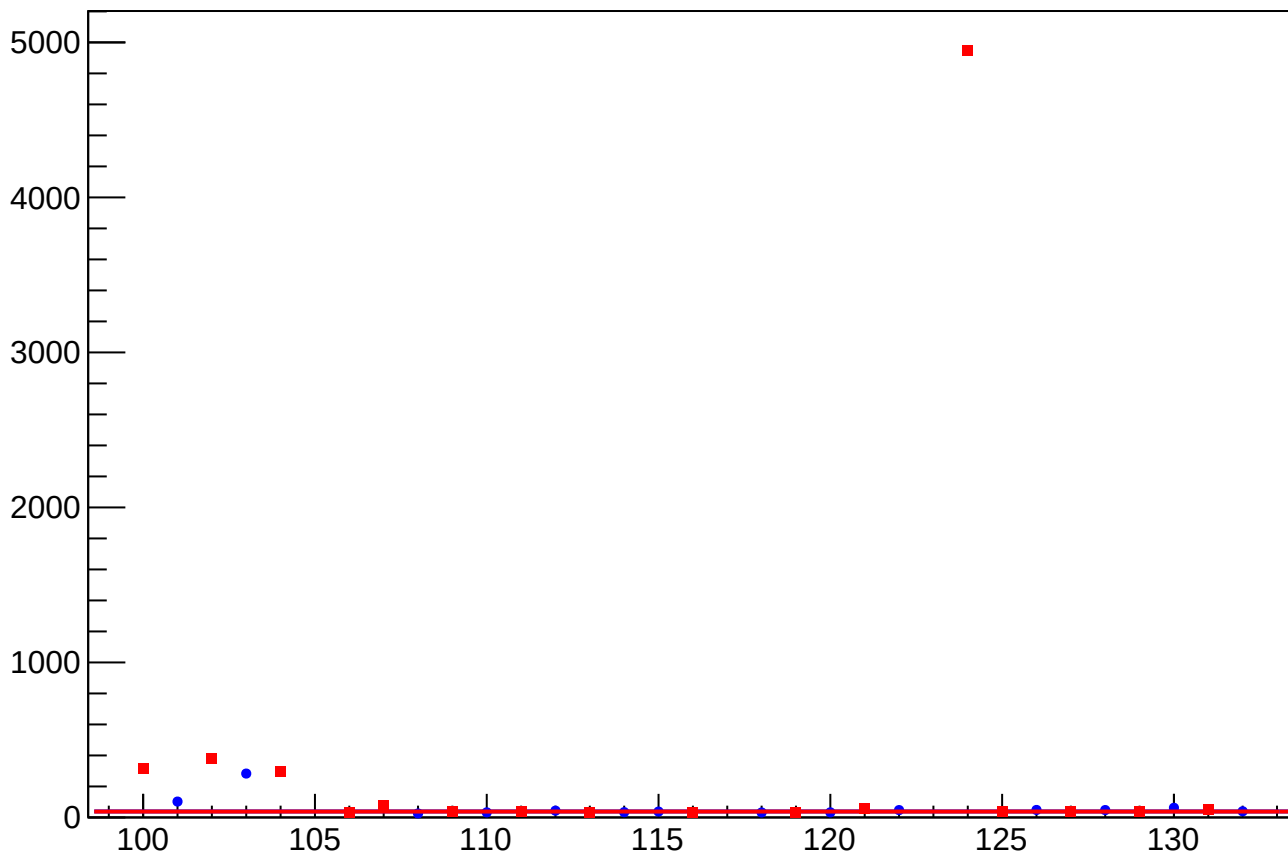
Right: 0.007+/-0.013 χ^2/NDF : 27.3/29

In: 0.026+/-0.018 χ^2/NDF : 10.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.013 χ^2/NDF : 27.3/29

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.835 $\pm$ 0.013 χ^2 /NDF: 1825946.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 38.142 $\pm$ 0.013 χ^2 /NDF: 2100238.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

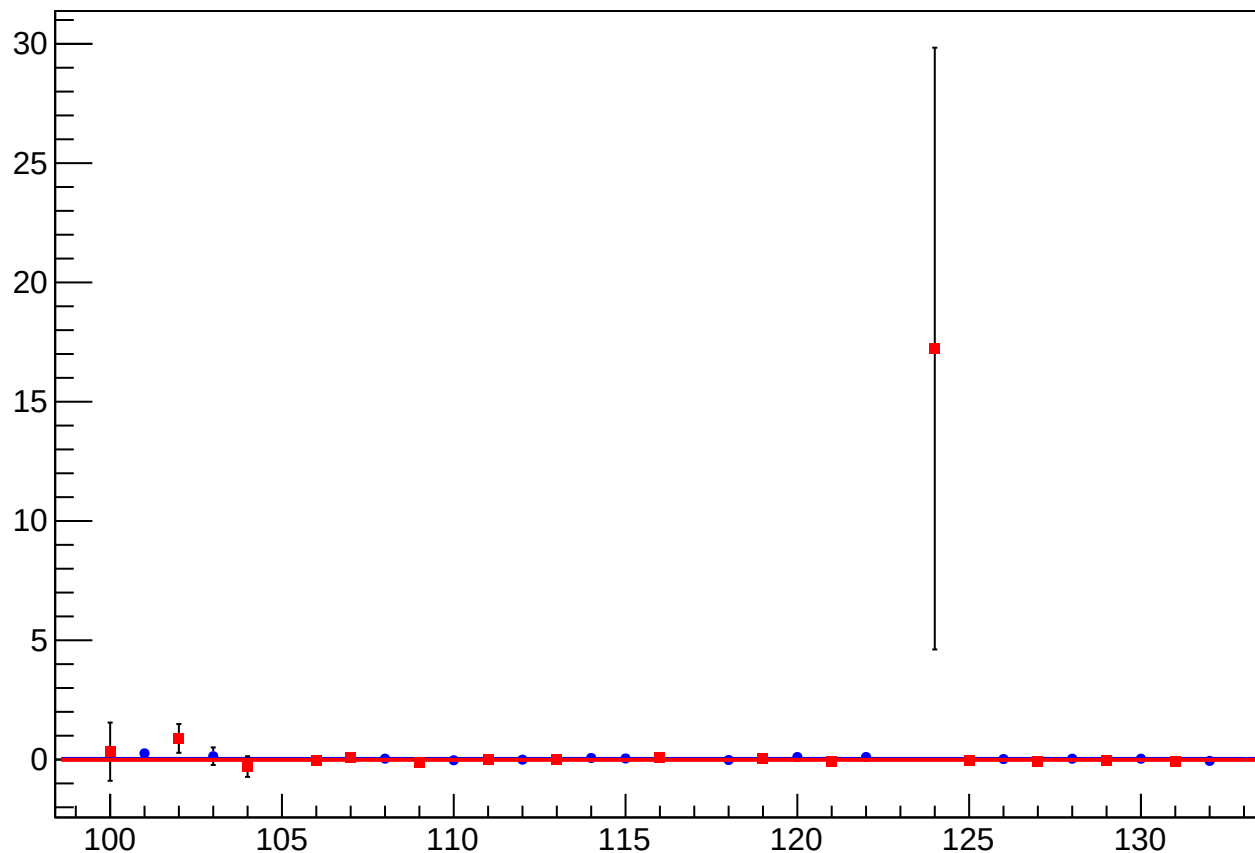
Right: 38.487 $\pm$ 0.009 χ^2 /NDF: 3927622.3/29

In: 38.835 $\pm$ 0.013 χ^2 /NDF:1825946.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 38.487 $\pm$ 0.009 χ^2 /NDF: 3927622.3/29

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026+/-0.018 χ^2/NDF : 10.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.011+/-0.018 χ^2/NDF : 15.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

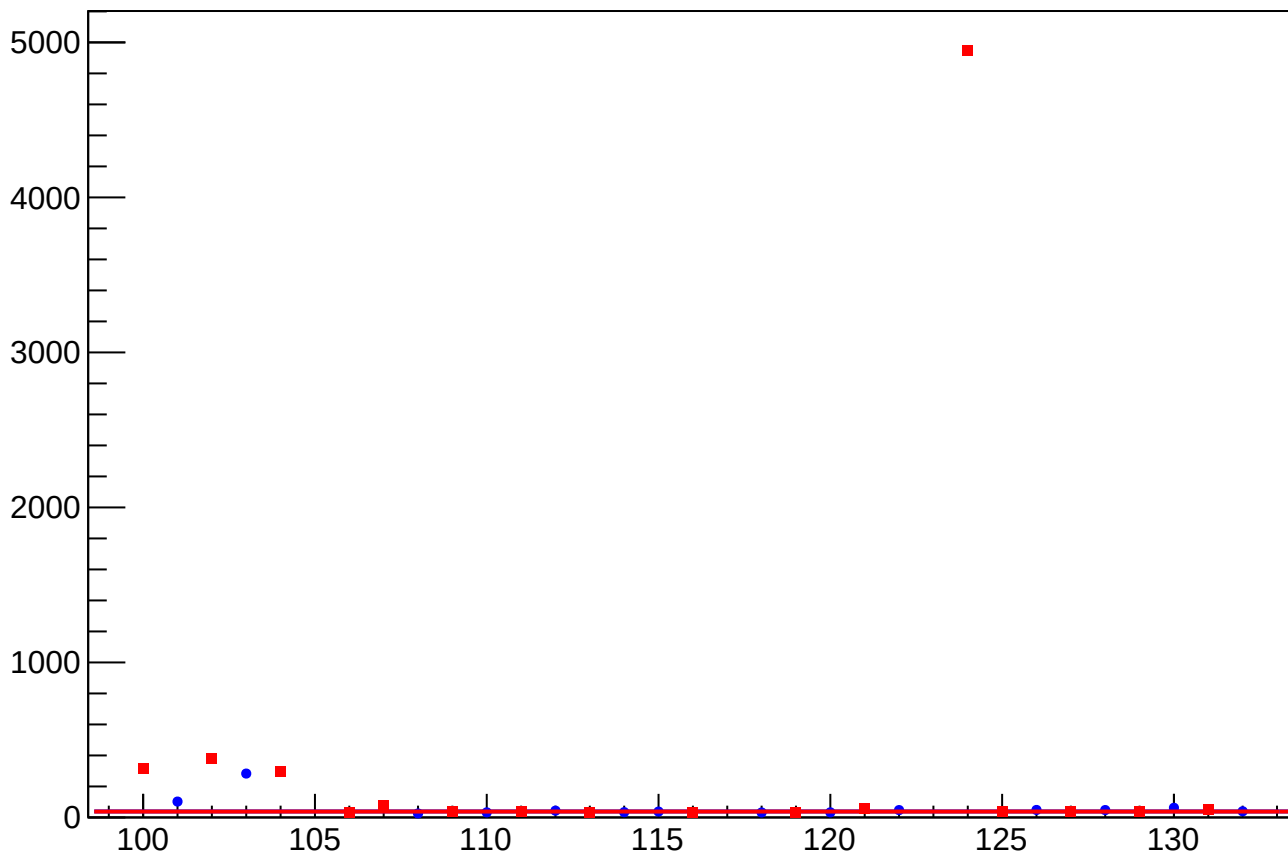
Right: 0.007+/-0.013 χ^2/NDF : 27.3/29

In: 0.026+/-0.018 χ^2/NDF : 10.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.013 χ^2/NDF : 27.3/29

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.835+/-0.013 χ^2/NDF : 1825946.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.142+/-0.013 χ^2/NDF : 2100238.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

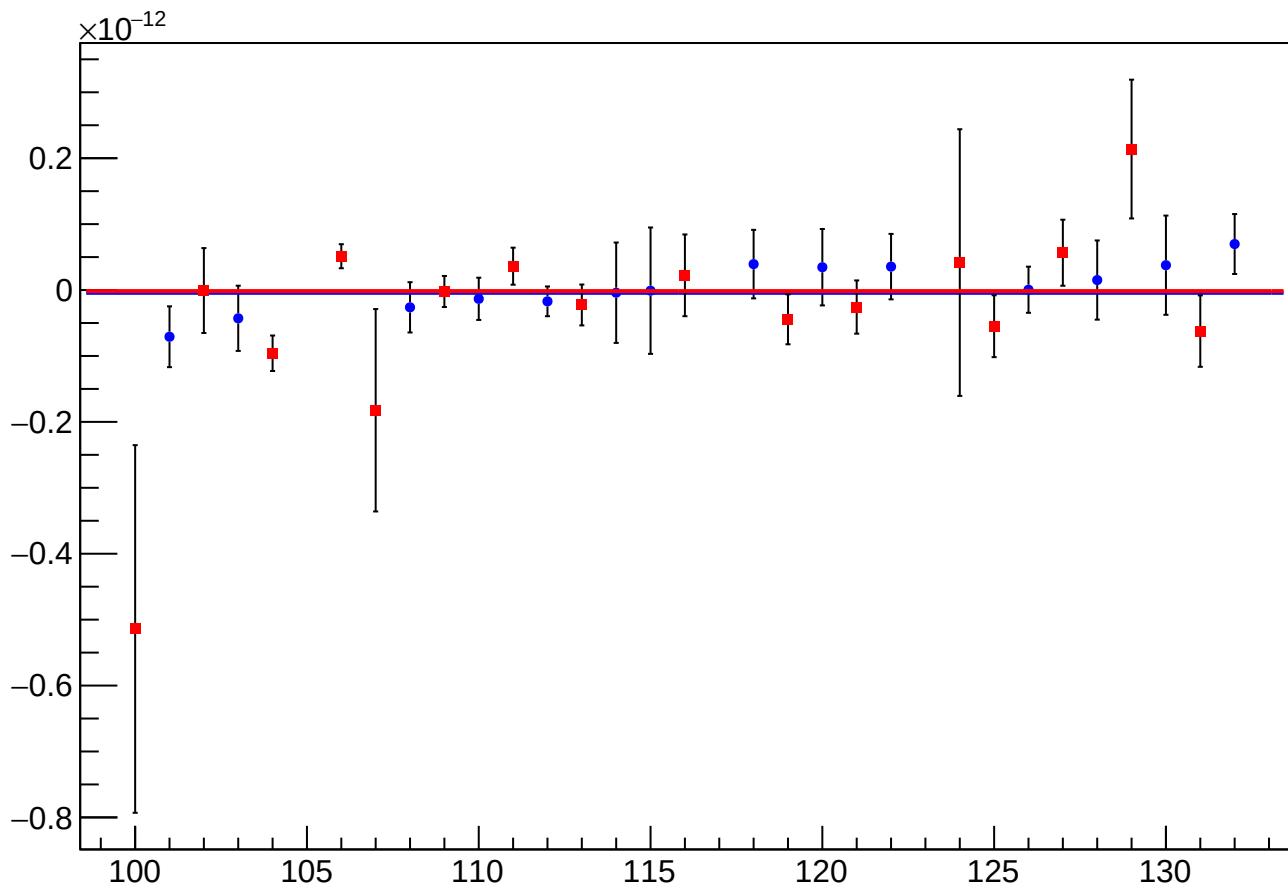
Right: 38.487+/-0.009 χ^2/NDF : 3927622.3/29

In: 38.835+/-0.013 χ^2/NDF : 1825946.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.487+/-0.009 χ^2/NDF : 3927622.3/29

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 37.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

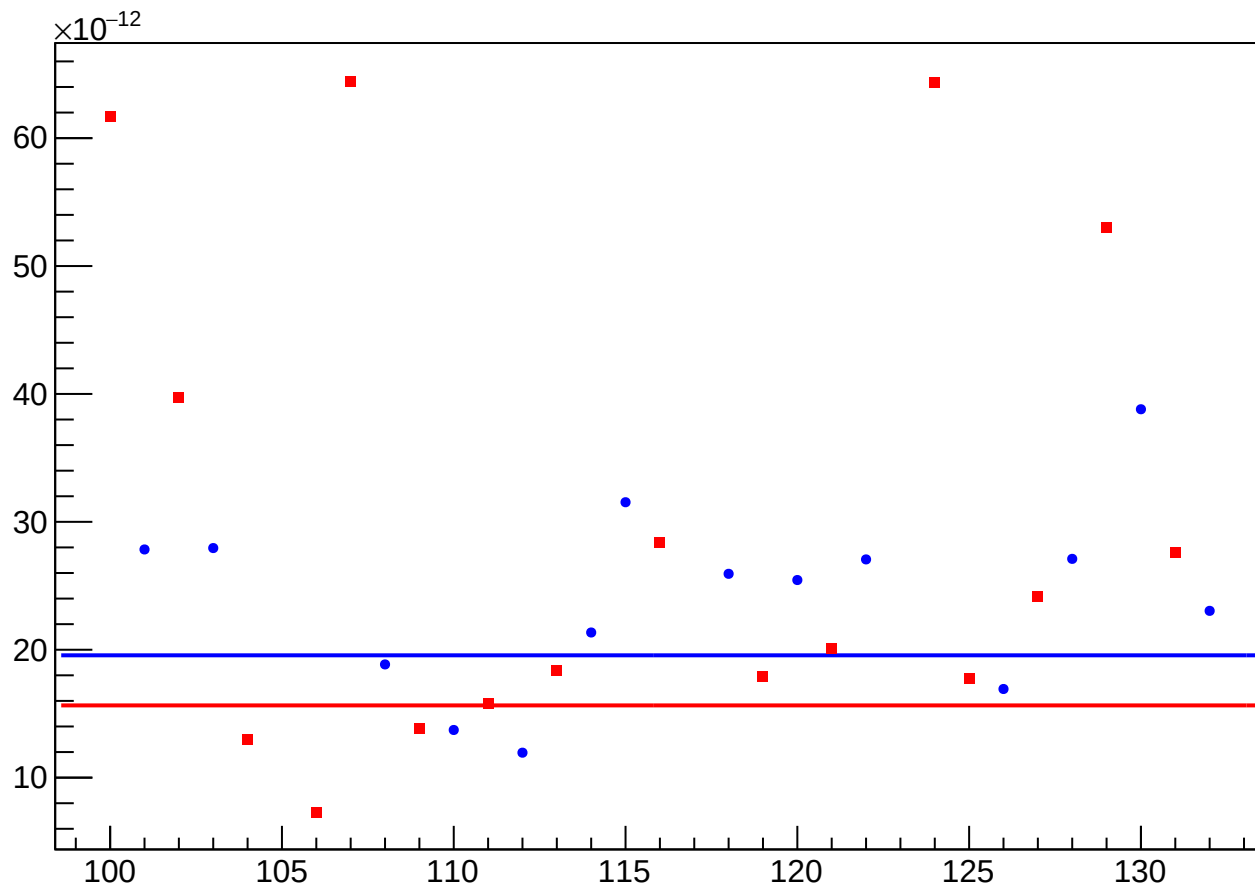
Right: -0.000+/-0.000 χ^2/NDF : 46.0/29

In: -0.000+/-0.000 χ^2/NDF : 8.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 46.0/29

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 730175.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1650807.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

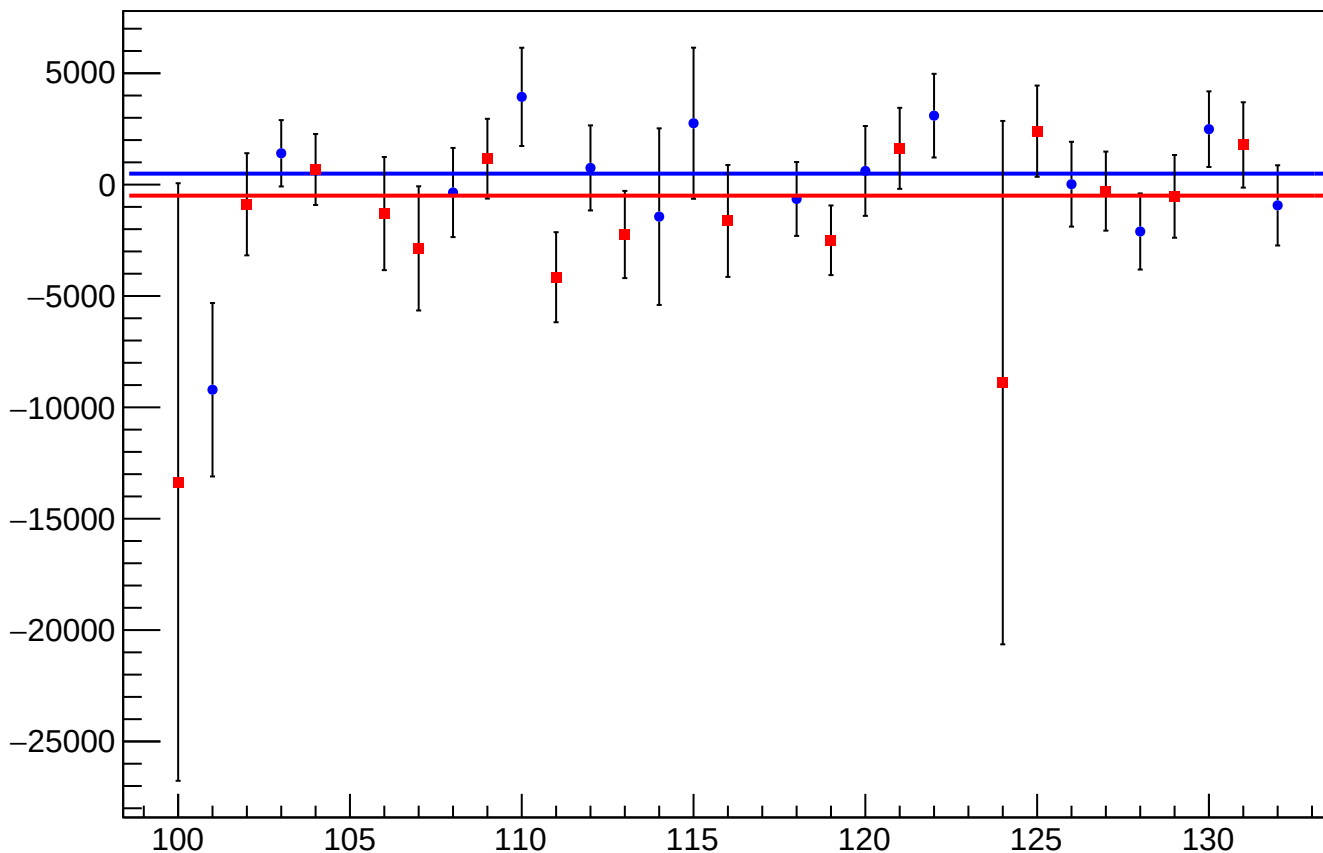
Right: 0.000+/-0.000 χ^2/NDF : 2522308.7/29

In: 0.000+/-0.000 χ^2/NDF : 730175.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2522308.7/29

reg_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 493.453+/-529.749 χ^2/NDF : 16.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -494.663+/-520.869 χ^2/NDF : 14.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

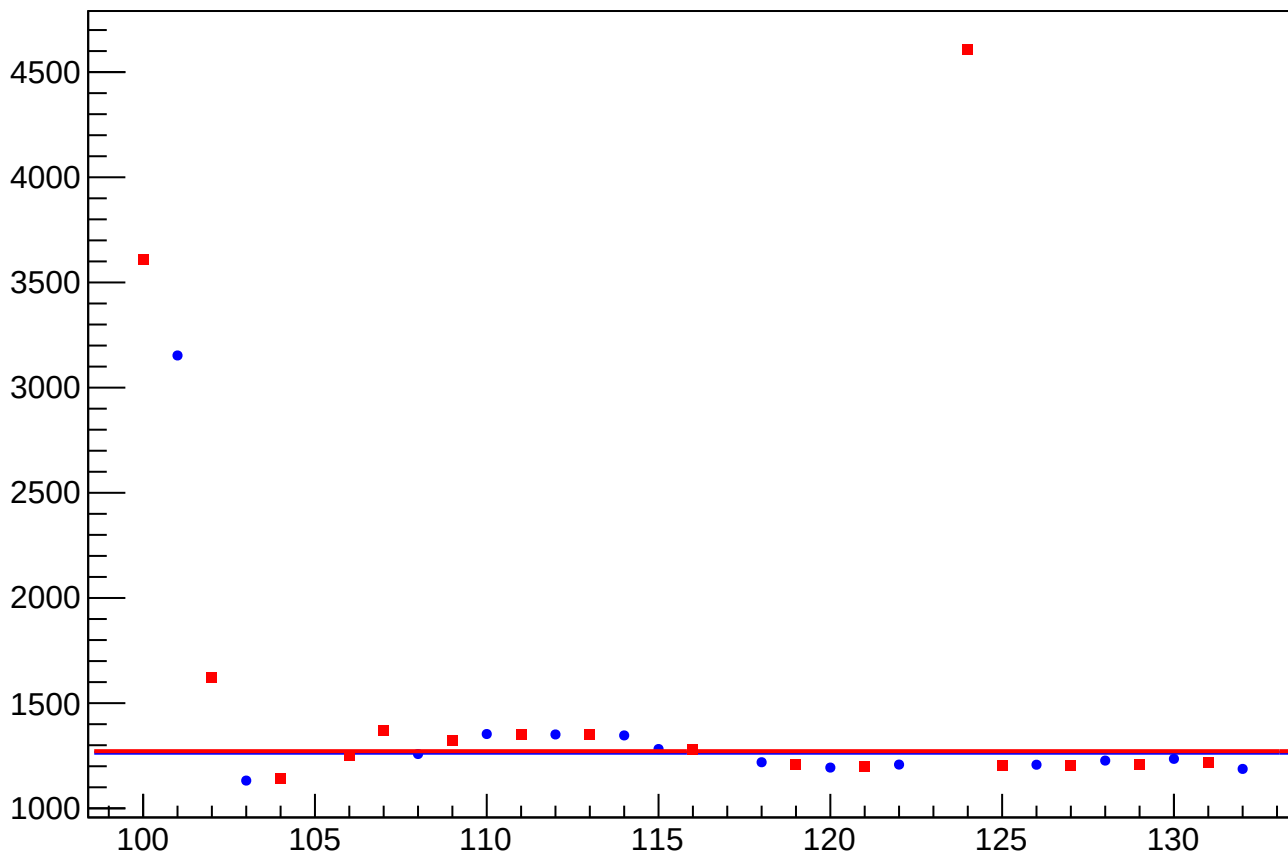
Right: -8.956+/-371.410 χ^2/NDF : 32.8/29

In: 493.453+/-529.749 χ^2/NDF : 16.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.956+/-371.410 χ^2/NDF : 32.8/29

reg_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1264.376+/-0.375 χ^2/NDF : 507494.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1271.745+/-0.368 χ^2/NDF : 309253.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

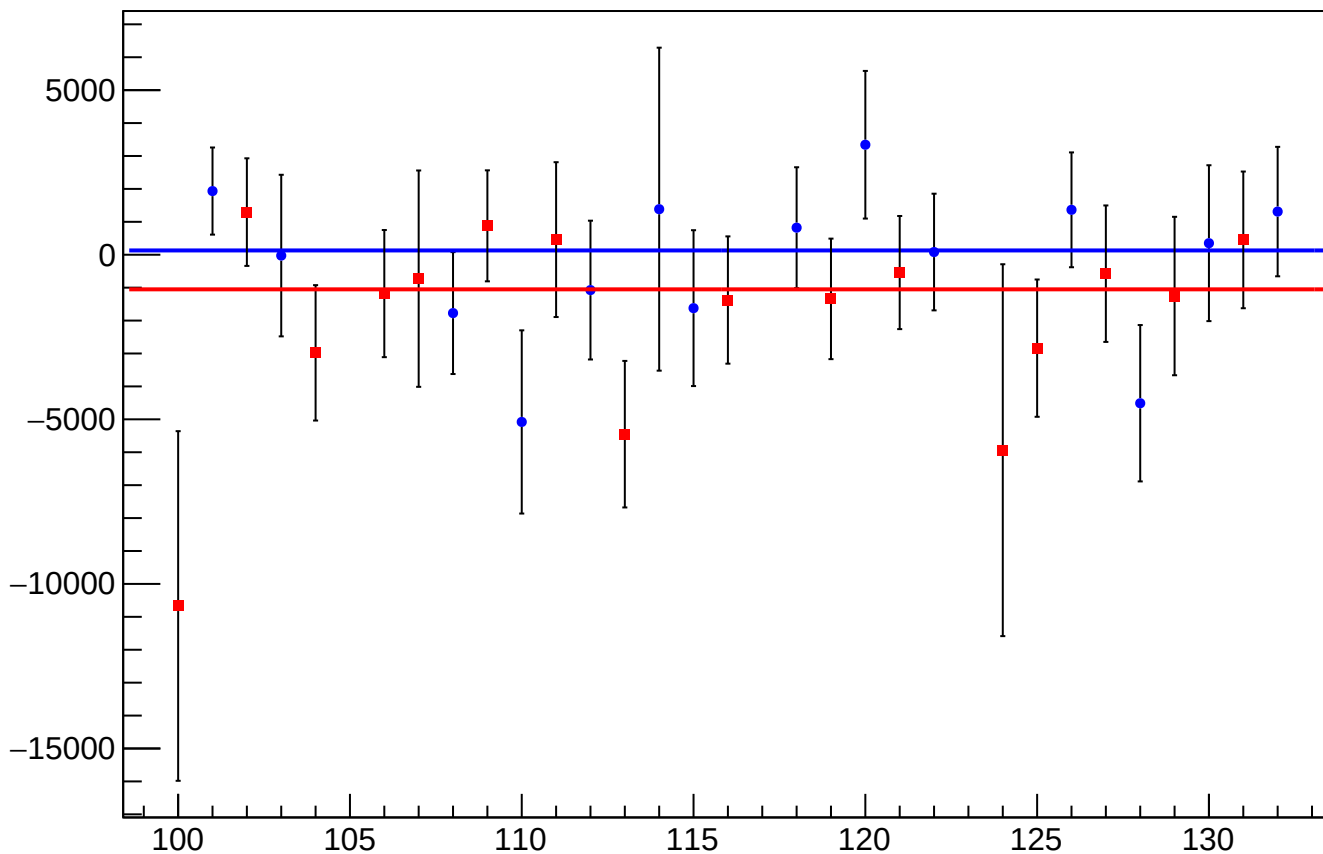
Right: 1268.122+/-0.263 χ^2/NDF : 816944.7/29

In: 1264.376+/-0.375 χ^2/NDF : 507494.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1268.122+/-0.263 χ^2/NDF : 816944.7/29

asym_at1_dd_at2_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 130.622 $\pm$ 545.585 χ^2 /NDF: 14.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1051.244 $\pm$ 531.156 χ^2 /NDF: 14.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

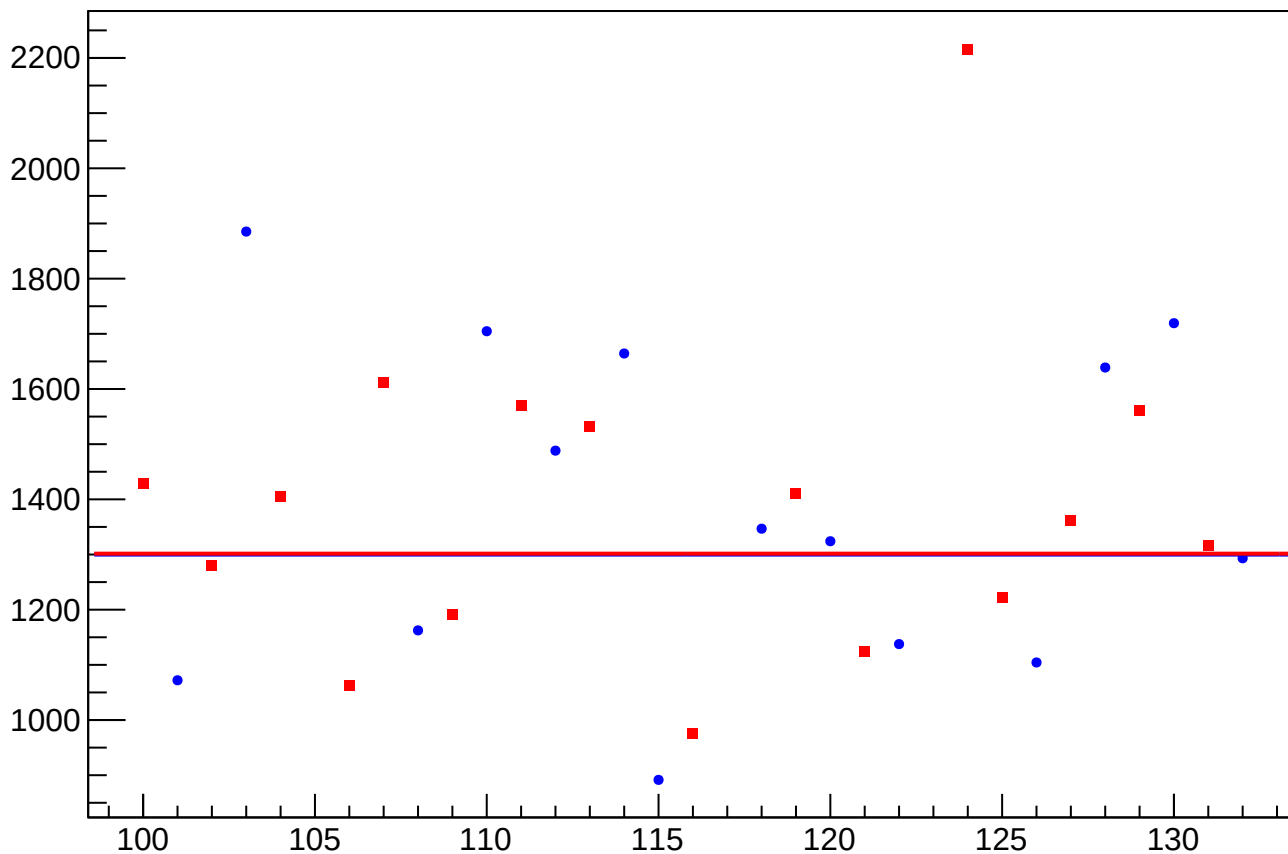
Right: -476.146 $\pm$ 380.583 χ^2 /NDF: 30.7/29

In: 130.622 $\pm$ 545.585 χ^2 /NDF:14.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -476.146 $\pm$ 380.583 χ^2 /NDF: 30.7/29

asym_at1_dd_at2_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1299.877+/-0.386 χ^2/NDF : 459873.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1301.555+/-0.376 χ^2/NDF : 276472.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

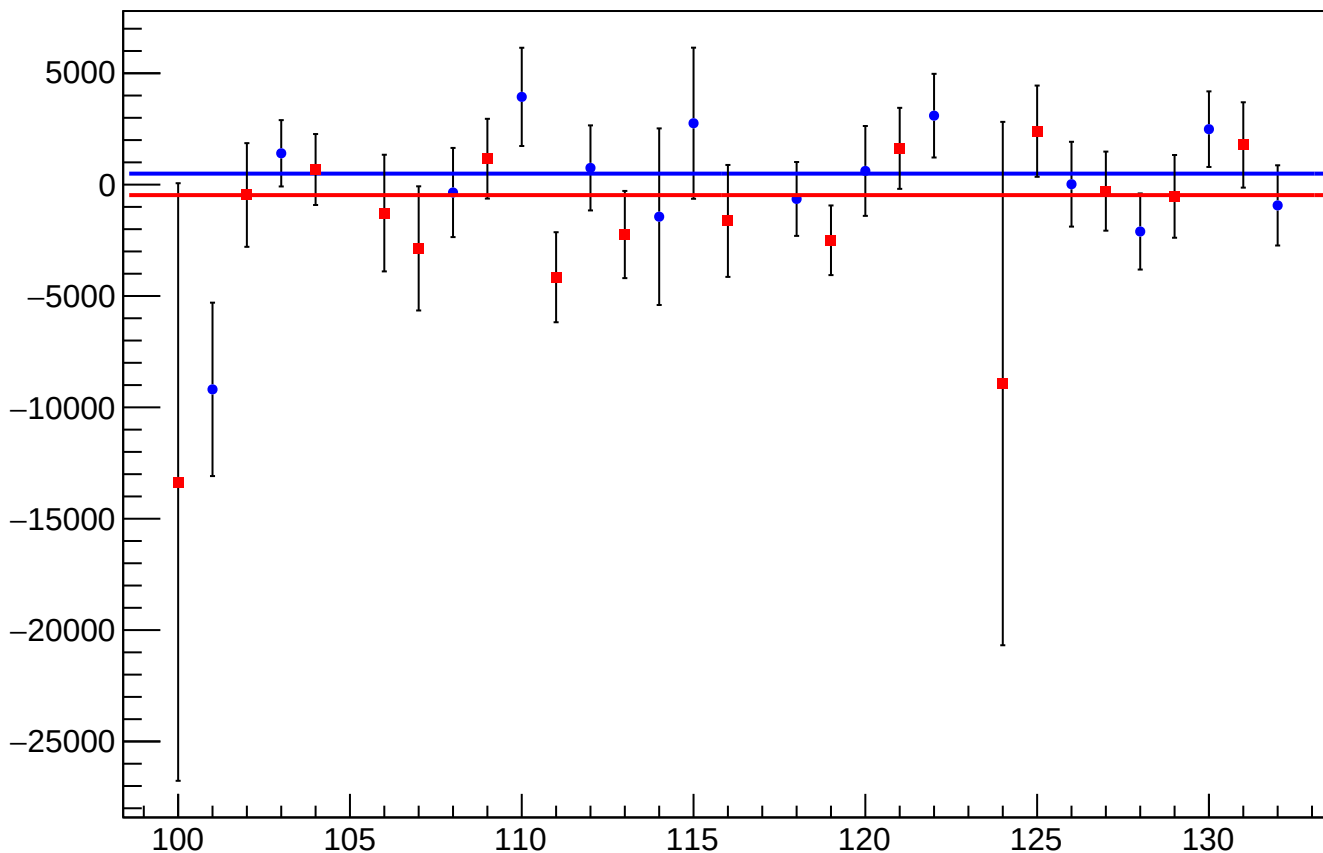
Right: 1300.739+/-0.269 χ^2/NDF : 736355.0/29

In: 1299.877+/-0.386 χ^2/NDF : 459873.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1300.739+/-0.269 χ^2/NDF : 736355.0/29

cor_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 493.780 $\pm$ 529.749 χ^2 /NDF: 16.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -470.494 $\pm$ 521.911 χ^2 /NDF: 14.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

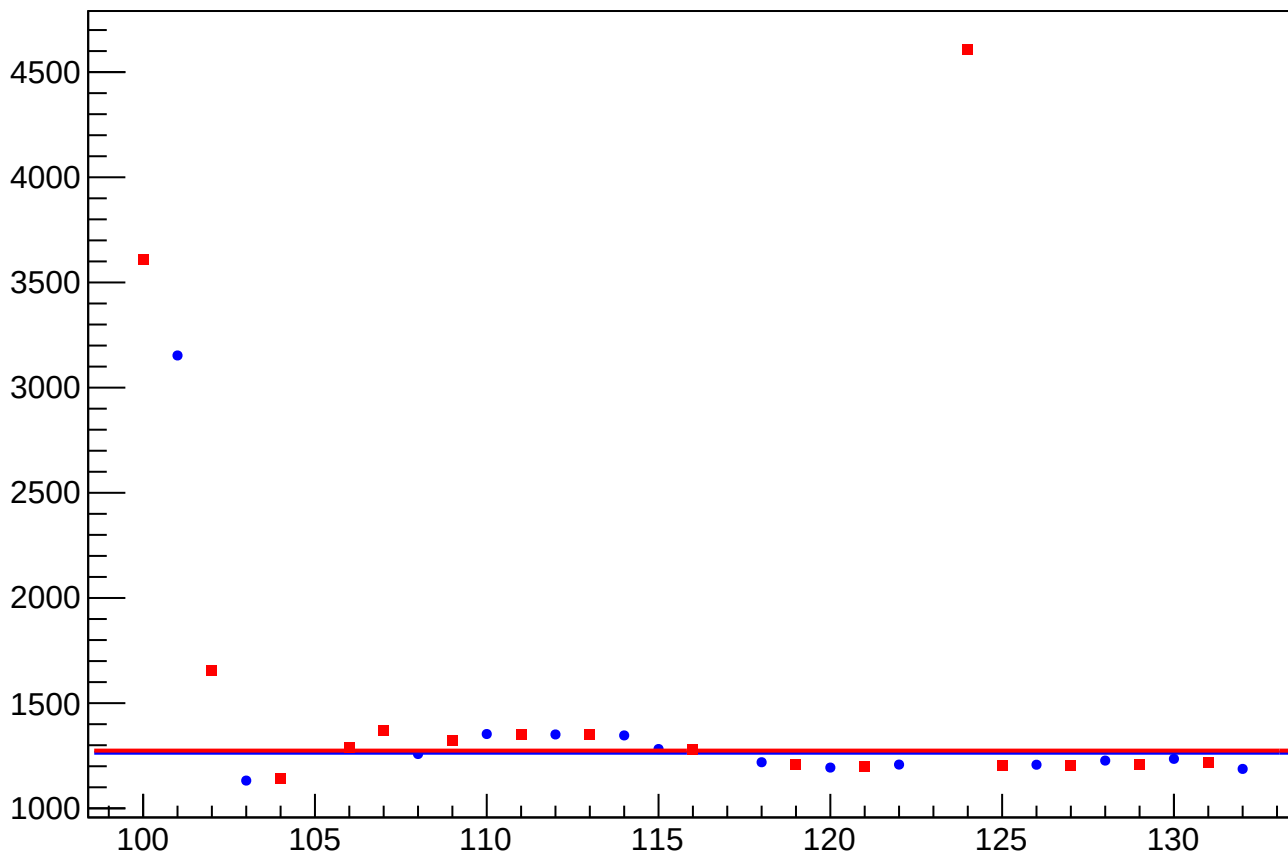
Right: 4.456 $\pm$ 371.787 χ^2 /NDF: 32.7/29

In: 493.780 $\pm$ 529.749 χ^2 /NDF:16.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4.456 $\pm$ 371.787 χ^2 /NDF: 32.7/29

cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1264.375+/-0.375 χ^2/NDF : 507495.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1274.394+/-0.369 χ^2/NDF : 316320.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

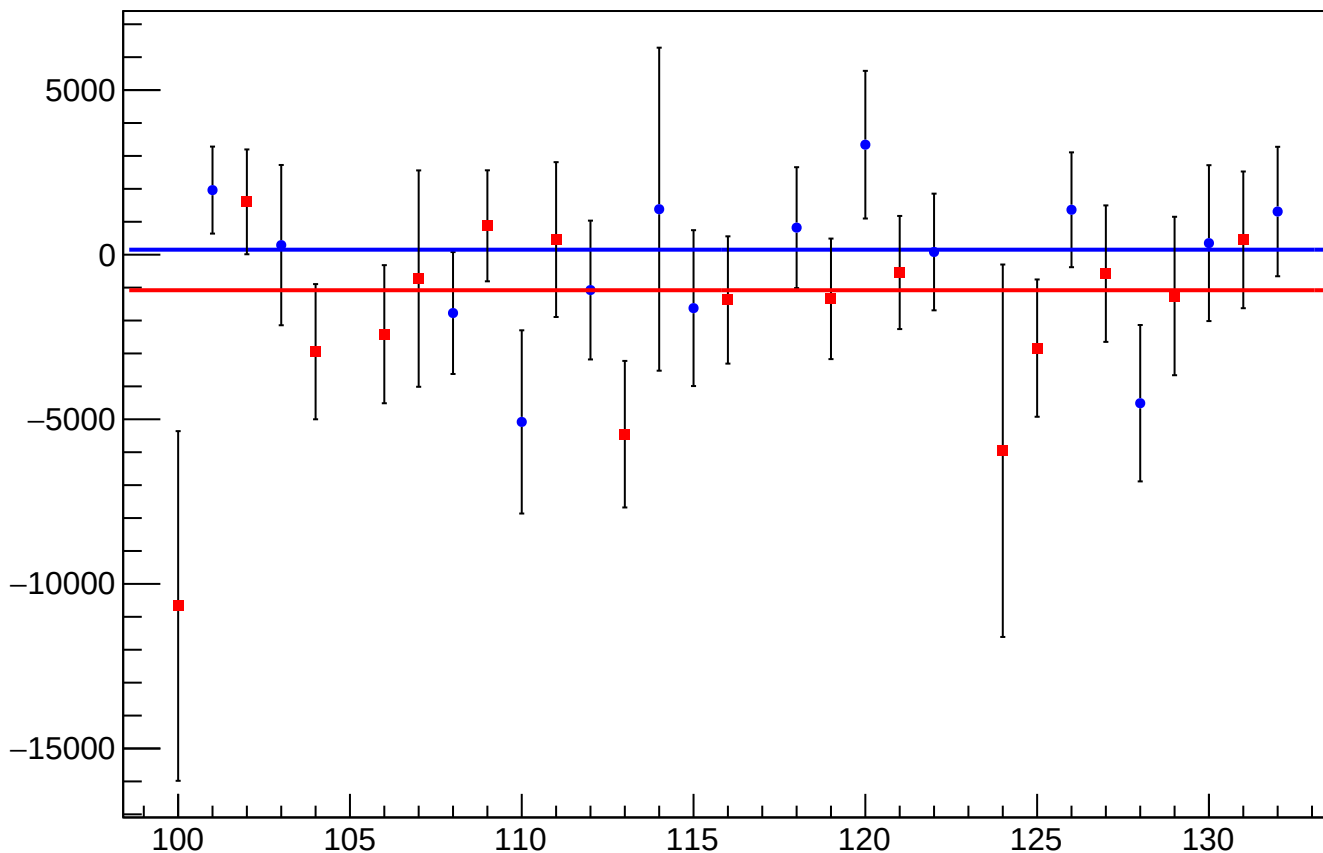
Right: 1269.459+/-0.263 χ^2/NDF : 824178.8/29

In: 1264.375+/-0.375 χ^2/NDF : 507495.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1269.459+/-0.263 χ^2/NDF : 824178.8/29

asym_at1_dd_at2_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 151.977 $\pm$ 545.213 χ^2 /NDF: 14.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1079.643 $\pm$ 532.664 χ^2 /NDF: 15.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

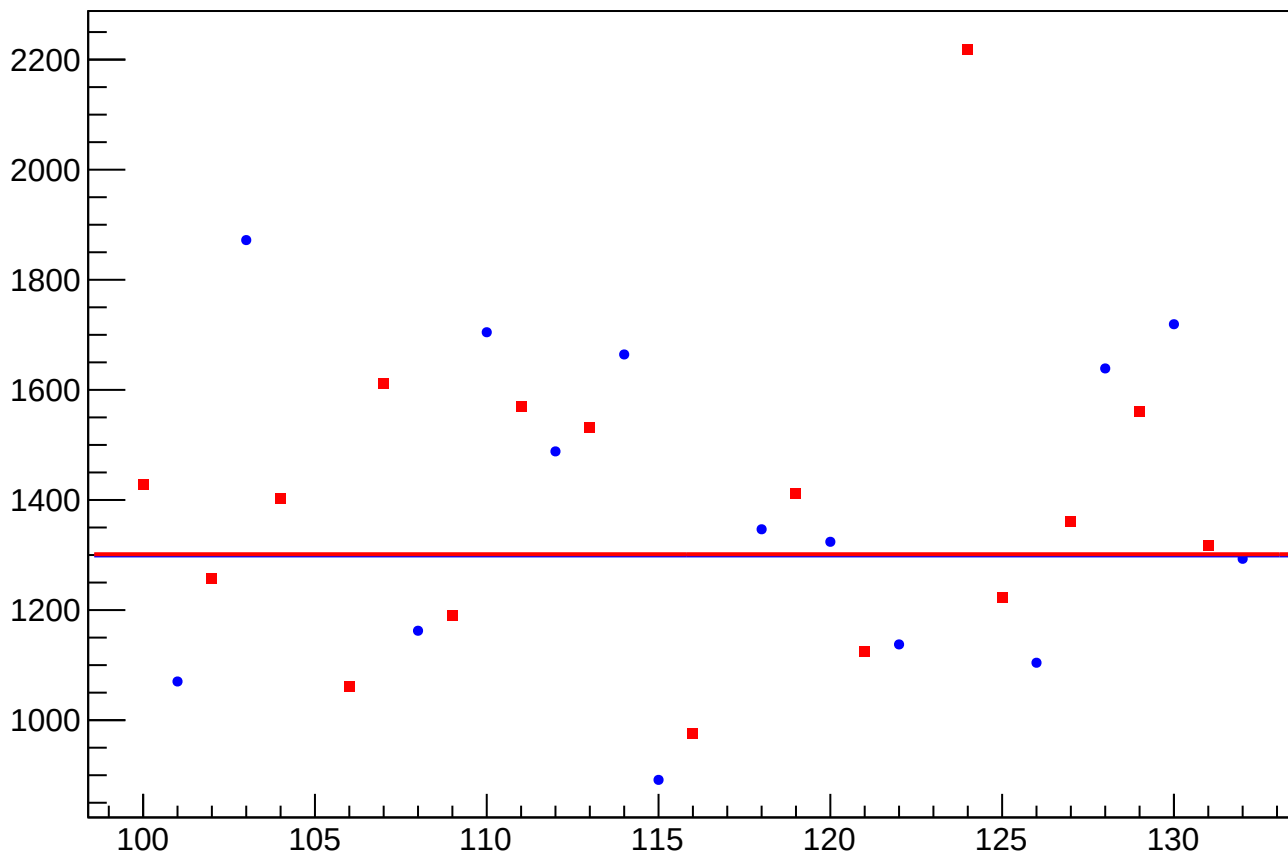
Right: -478.170 $\pm$ 381.010 χ^2 /NDF: 32.1/29

In: 151.977 $\pm$ 545.213 χ^2 /NDF:14.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -478.170 $\pm$ 381.010 χ^2 /NDF: 32.1/29

asym_at1_dd_at2_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1299.268+/-0.386 χ^2/NDF : 457723.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1301.447+/-0.377 χ^2/NDF : 273594.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

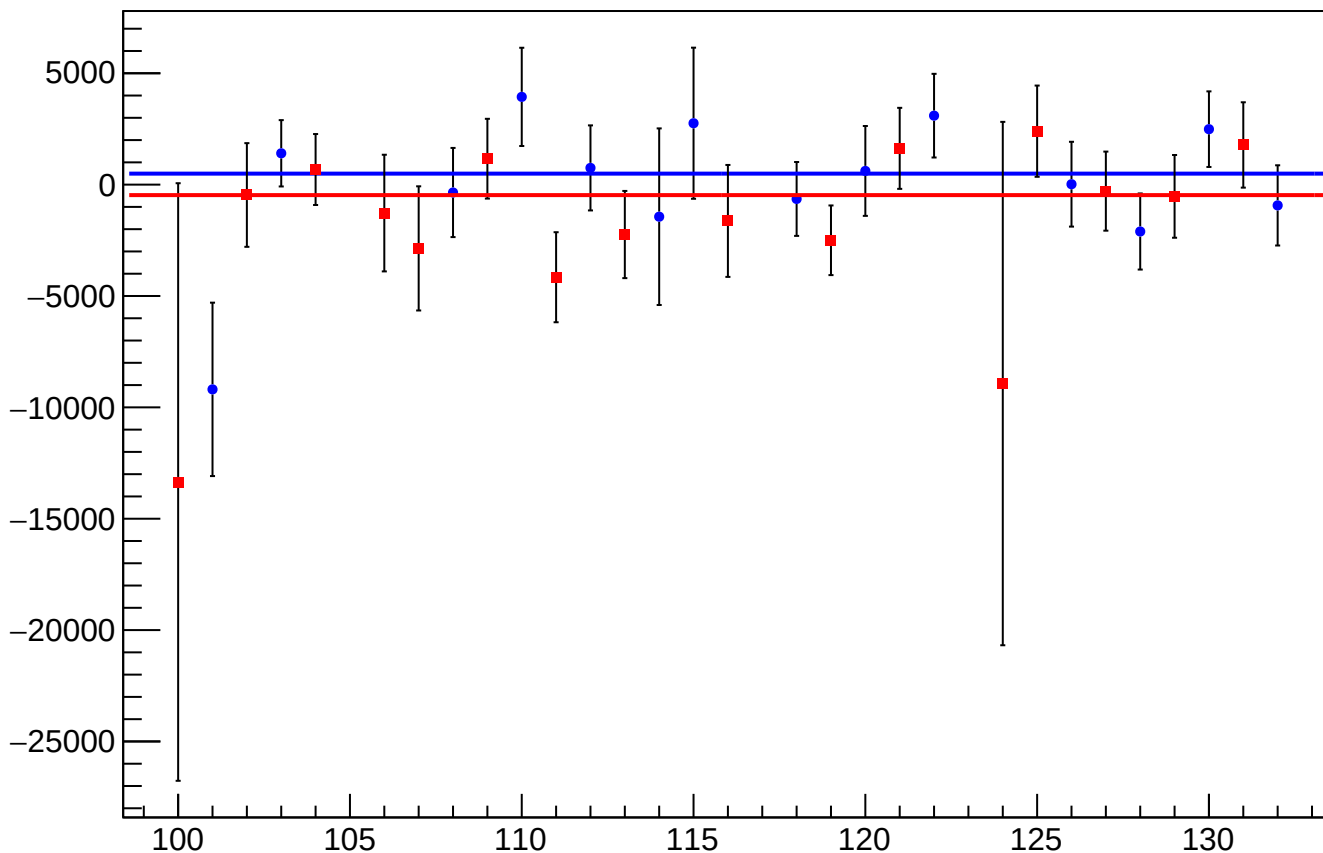
Right: 1300.383+/-0.269 χ^2/NDF : 731333.7/29

In: 1299.268+/-0.386 χ^2/NDF :457723.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1300.383+/-0.269 χ^2/NDF : 731333.7/29

eigen_cor_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 493.780+/-529.749 χ^2/NDF : 16.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -470.494+/-521.911 χ^2/NDF : 14.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

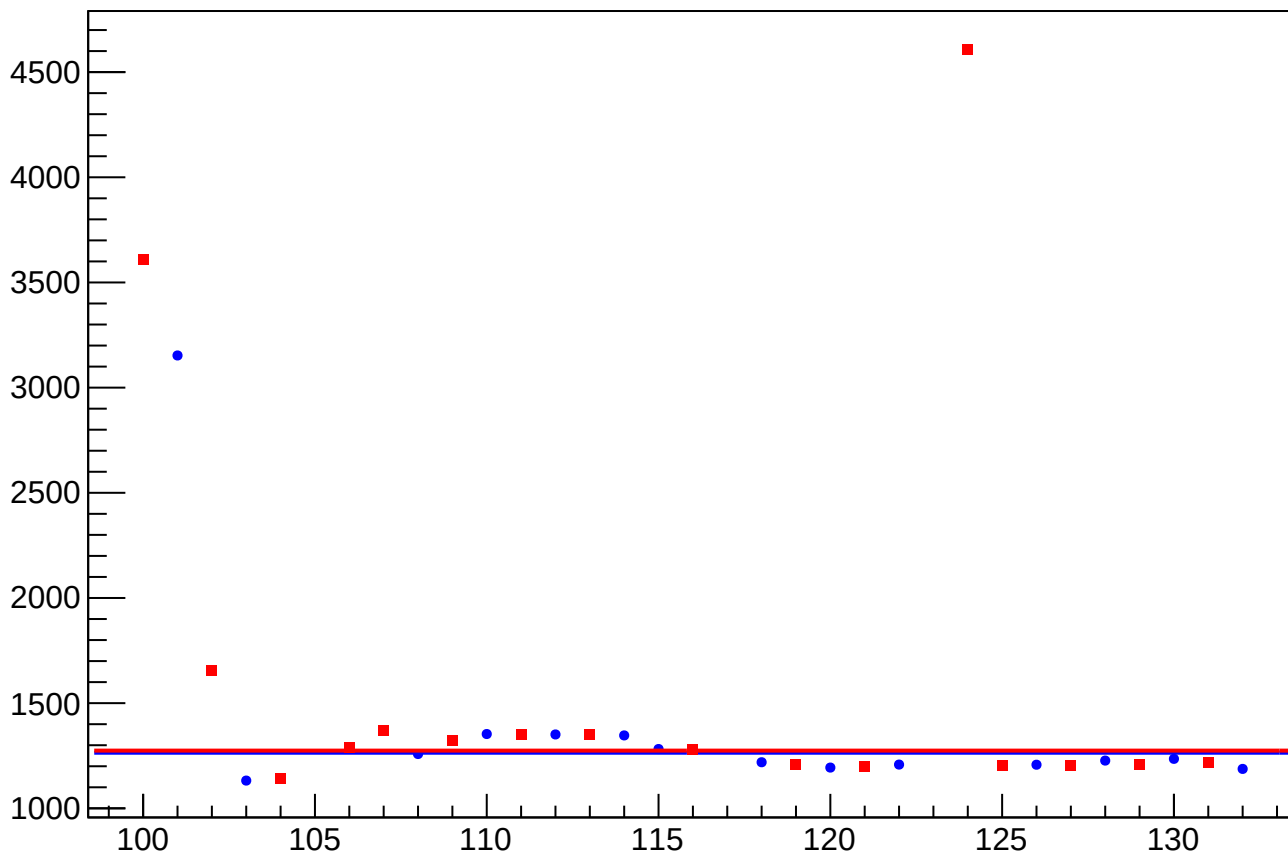
Right: 4.456+/-371.787 χ^2/NDF : 32.7/29

In: 493.780+/-529.749 χ^2/NDF : 16.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.456+/-371.787 χ^2/NDF : 32.7/29

eigen_cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1264.375+/-0.375 χ^2/NDF : 507495.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1274.394+/-0.369 χ^2/NDF : 316320.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

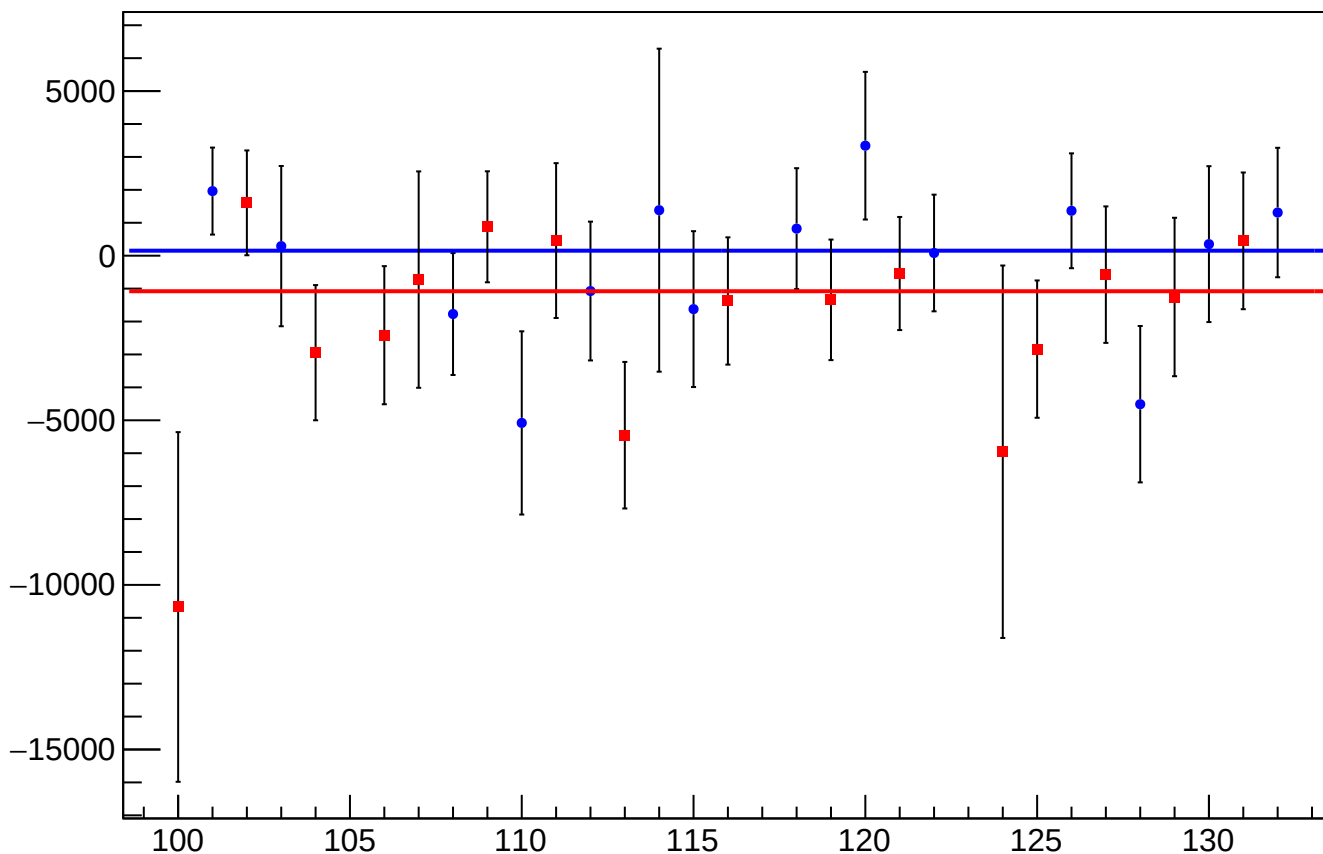
Right: 1269.459+/-0.263 χ^2/NDF : 824178.8/29

In: 1264.375+/-0.375 χ^2/NDF : 507495.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1269.459+/-0.263 χ^2/NDF : 824178.8/29

asym_at1_dd_at2_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 151.977+/-545.213 χ^2/NDF : 14.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1079.643+/-532.664 χ^2/NDF : 15.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

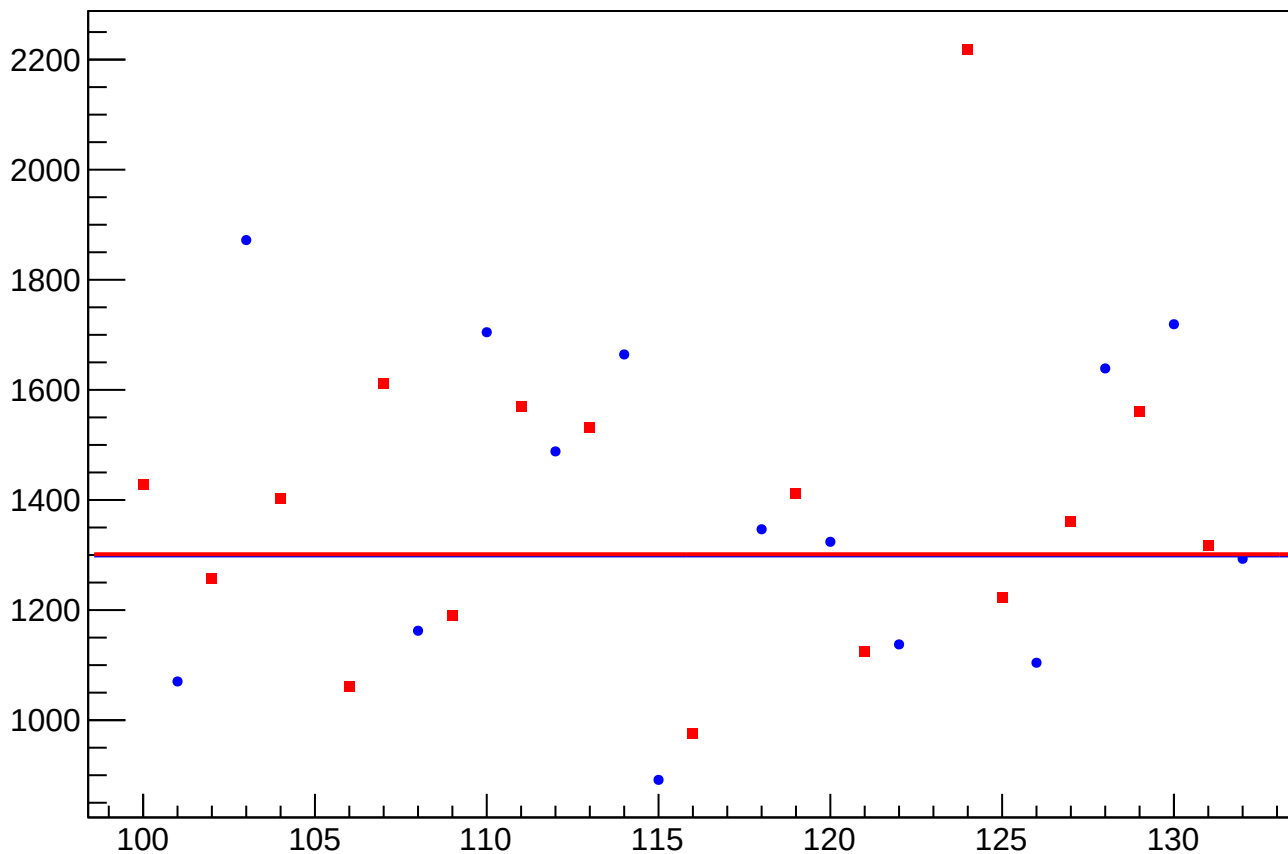
Right: -478.170+/-381.010 χ^2/NDF : 32.1/29

In: 151.977+/-545.213 χ^2/NDF : 14.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -478.170+/-381.010 χ^2/NDF : 32.1/29

asym_at1_dd_at2_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1299.268+/-0.386 χ^2/NDF : 457723.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1301.447+/-0.377 χ^2/NDF : 273594.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

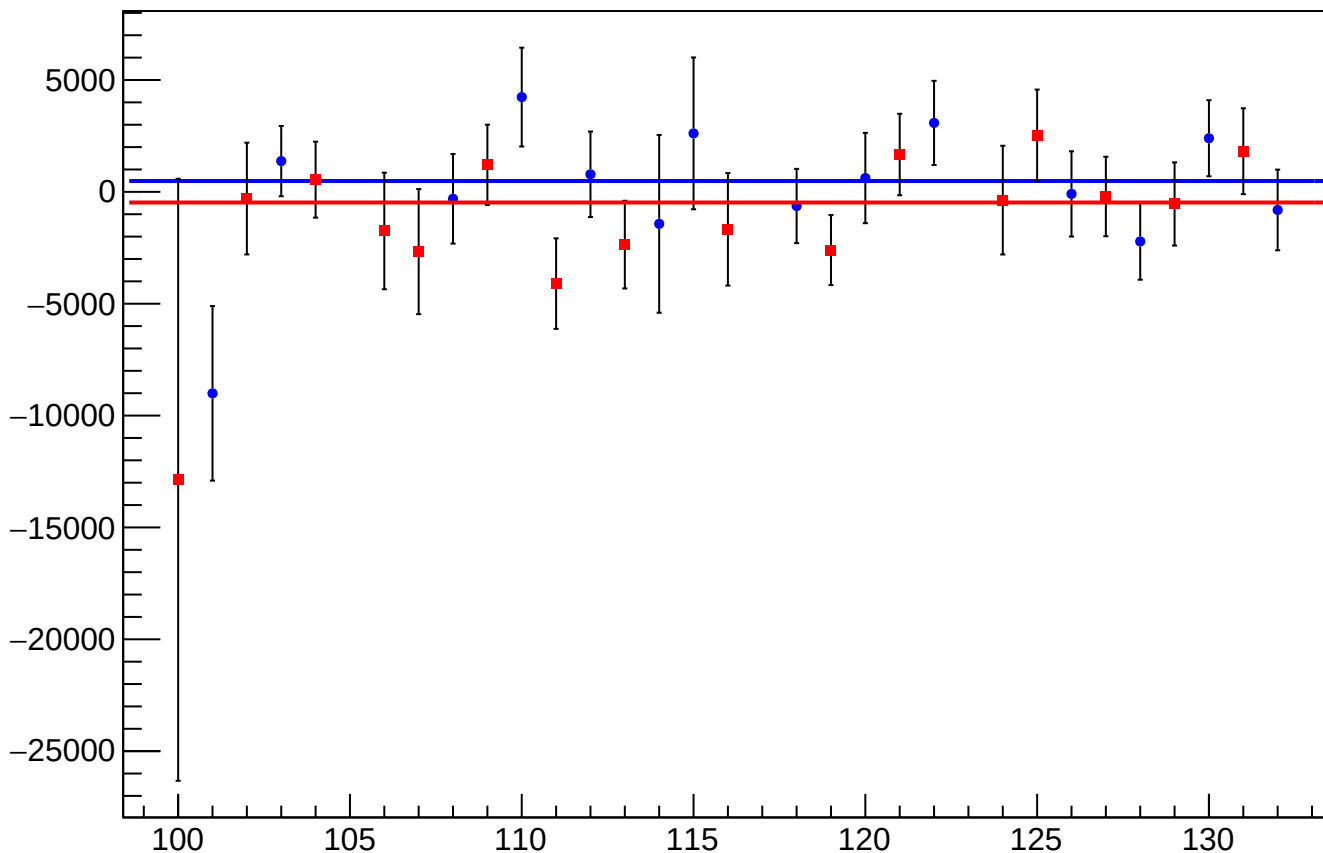
Right: 1300.383+/-0.269 χ^2/NDF : 731333.7/29

In: 1299.268+/-0.386 χ^2/NDF :457723.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1300.383+/-0.269 χ^2/NDF : 731333.7/29

dit_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 484.146 $\pm$ 533.703 χ^2 /NDF: 16.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -475.744 $\pm$ 515.990 χ^2 /NDF: 14.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

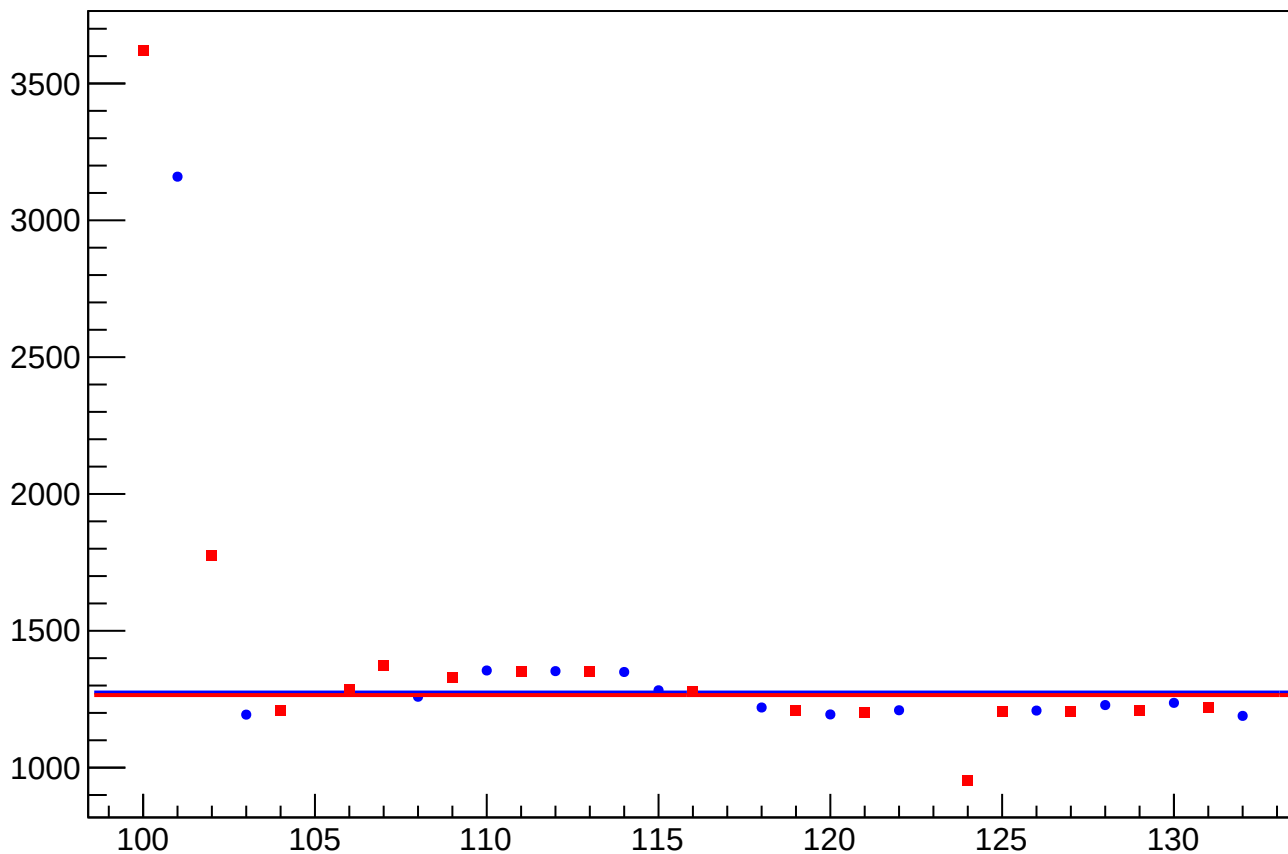
Right: -11.991 $\pm$ 370.964 χ^2 /NDF: 32.5/29

In: 484.146 $\pm$ 533.703 χ^2 /NDF:16.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -11.991 $\pm$ 370.964 χ^2 /NDF: 32.5/29

dit_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1274.401+/-0.377 χ^2/NDF : 496027.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1265.165+/-0.365 χ^2/NDF : 205753.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

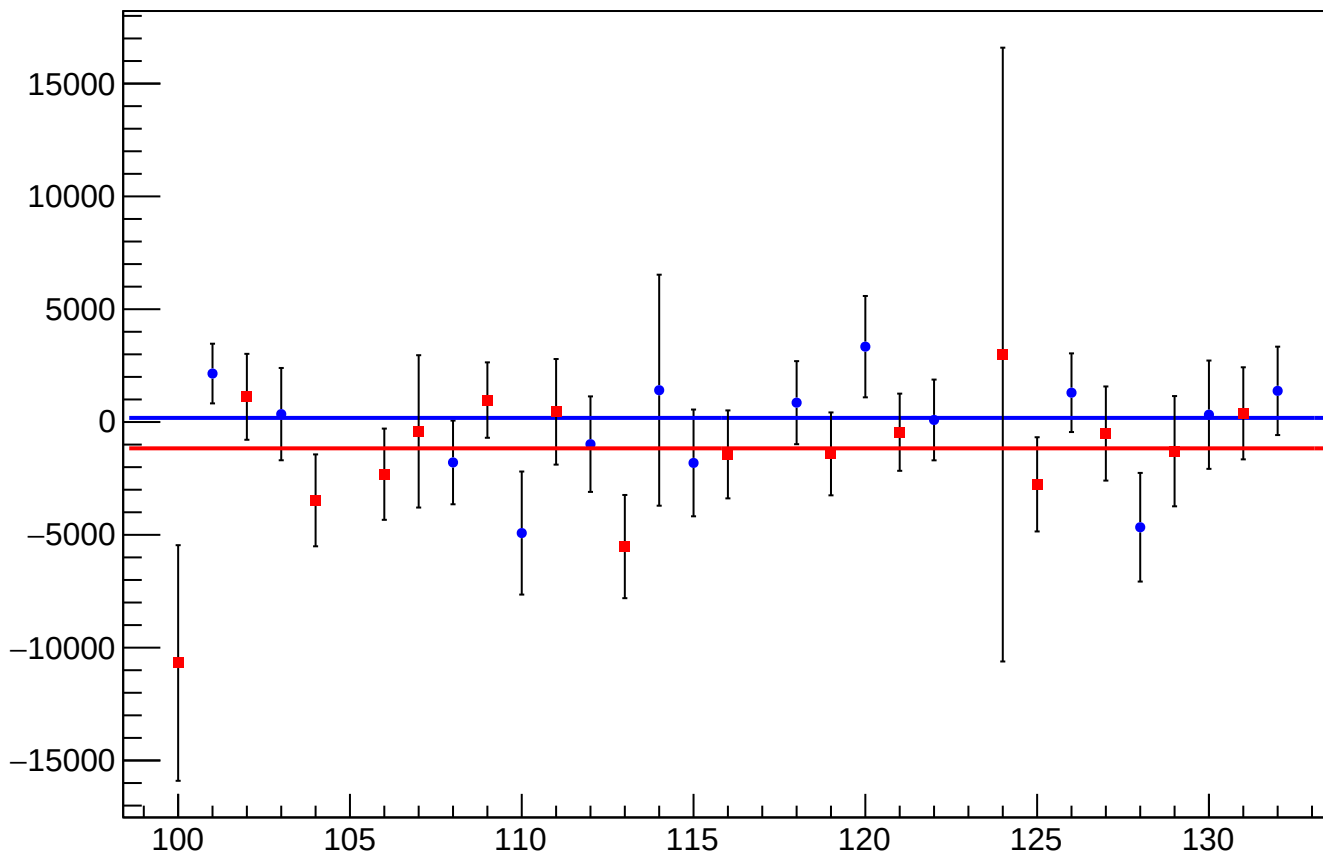
Right: 1269.627+/-0.262 χ^2/NDF : 702090.4/29

In: 1274.401+/-0.377 χ^2/NDF : 496027.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1269.627+/-0.262 χ^2/NDF : 702090.4/29

asym_at1_dd_at2_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 182.742 $\pm$ 540.951 χ^2 /NDF: 14.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1166.315 $\pm$ 543.024 χ^2 /NDF: 13.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

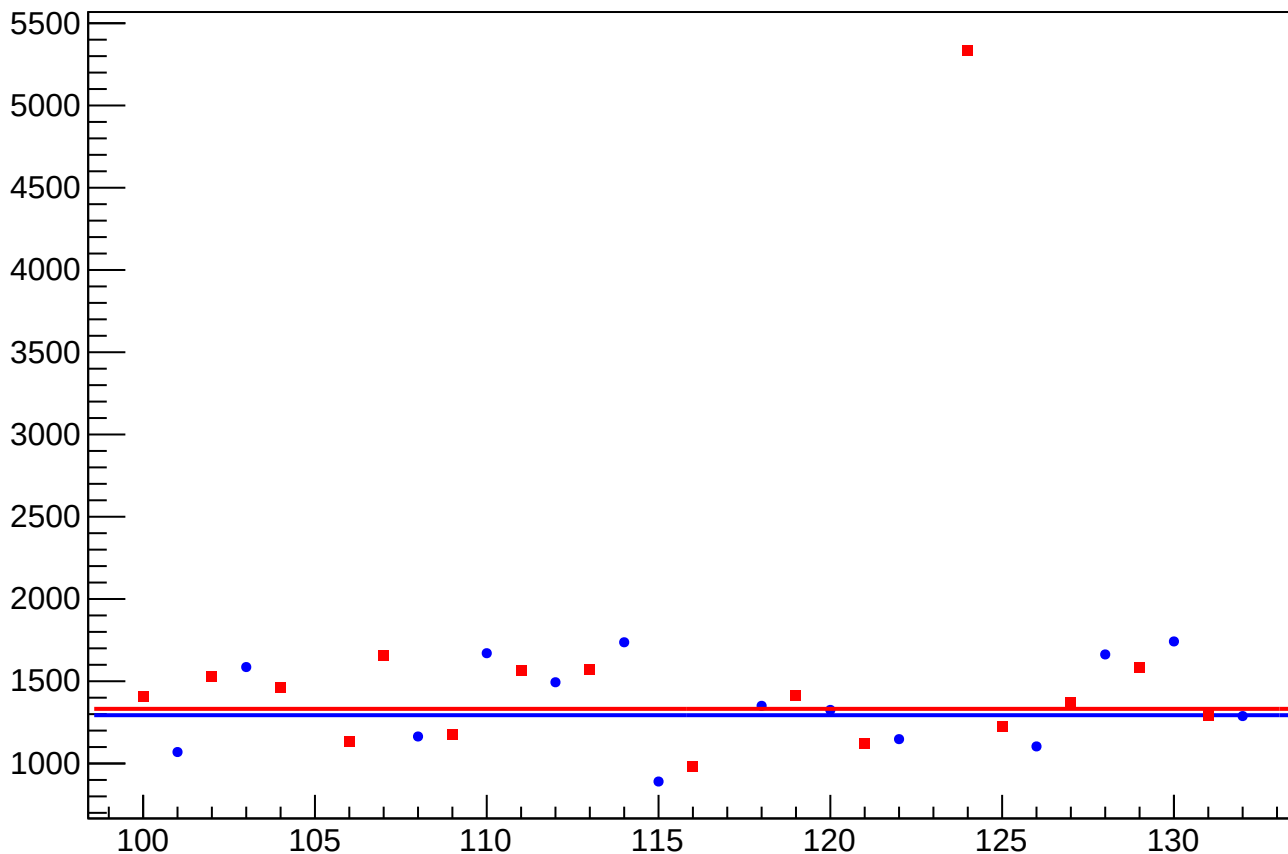
Right: -489.206 $\pm$ 383.241 χ^2 /NDF: 31.7/29

In: 182.742 $\pm$ 540.951 χ^2 /NDF:14.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -489.206 $\pm$ 383.241 χ^2 /NDF: 31.7/29

asym_at1_dd_at2_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1293.614+/-0.383 χ^2/NDF : 393312.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1332.194+/-0.384 χ^2/NDF : 427727.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

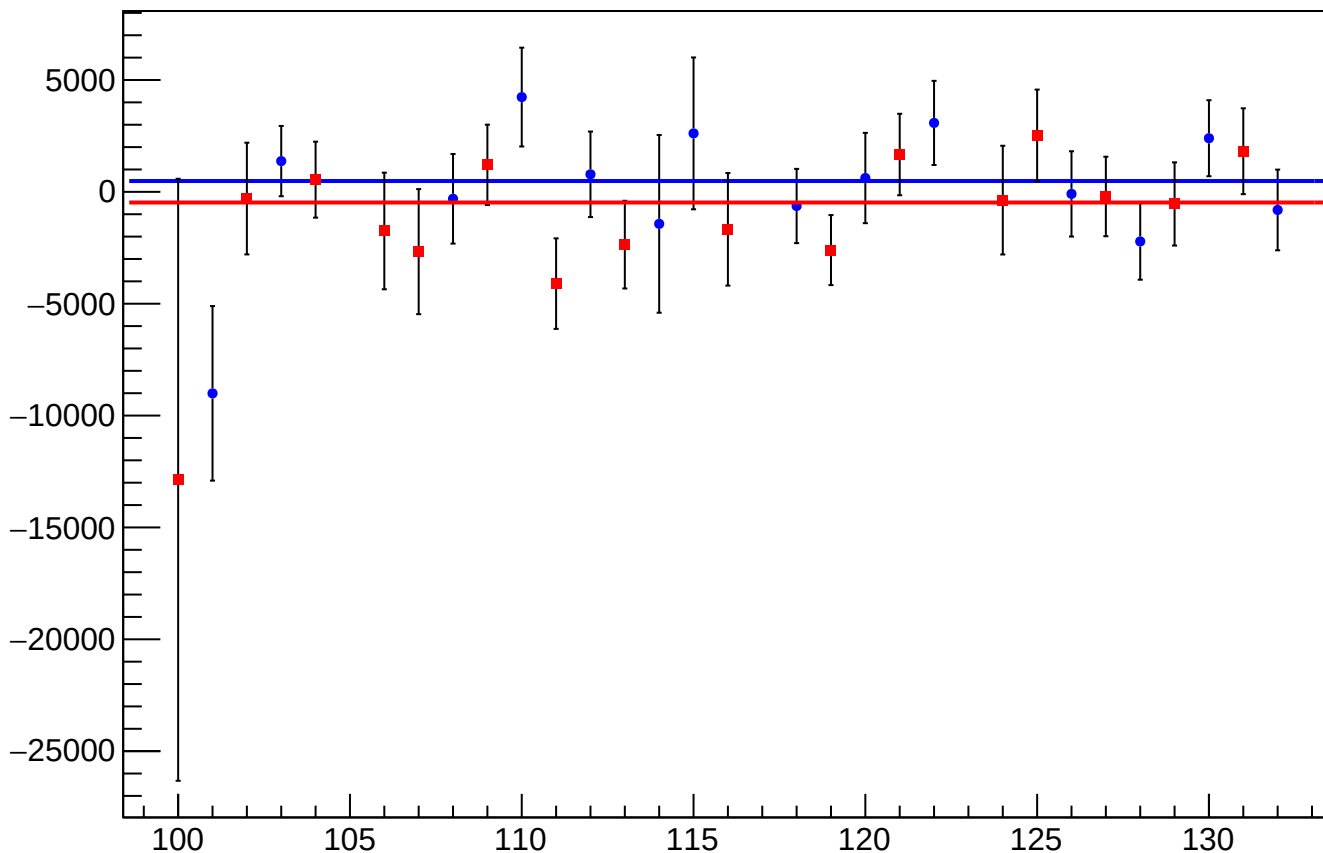
Right: 1312.830+/-0.271 χ^2/NDF : 826106.2/29

In: 1293.614+/-0.383 χ^2/NDF : 393312.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1312.830+/-0.271 χ^2/NDF : 826106.2/29

eigen_dit_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 484.143+/-533.703 χ^2/NDF : 16.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -475.744+/-515.990 χ^2/NDF : 14.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

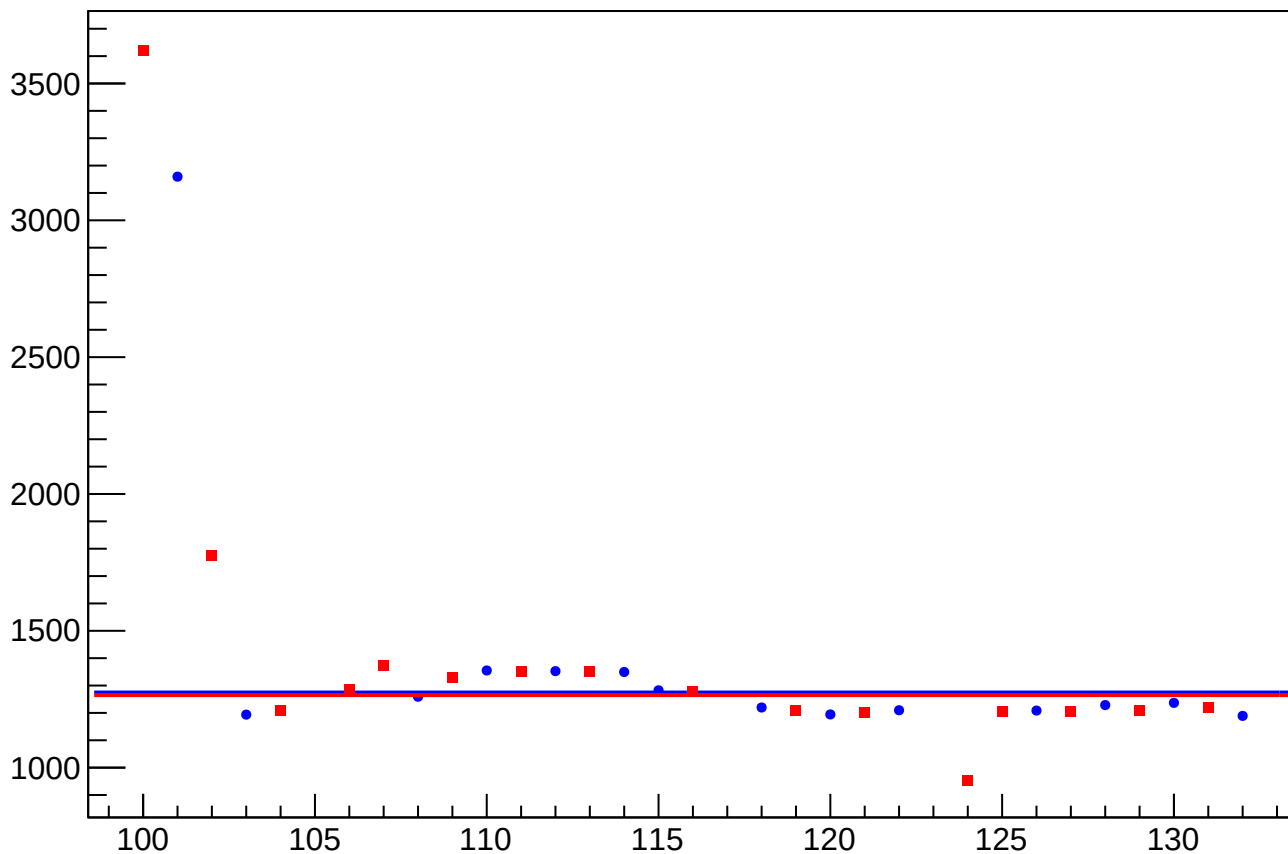
Right: -11.993+/-370.964 χ^2/NDF : 32.5/29

In: 484.143+/-533.703 χ^2/NDF : 16.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.993+/-370.964 χ^2/NDF : 32.5/29

eigen_dit_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1274.401+/-0.377 χ^2/NDF : 496027.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1265.165+/-0.365 χ^2/NDF : 205753.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

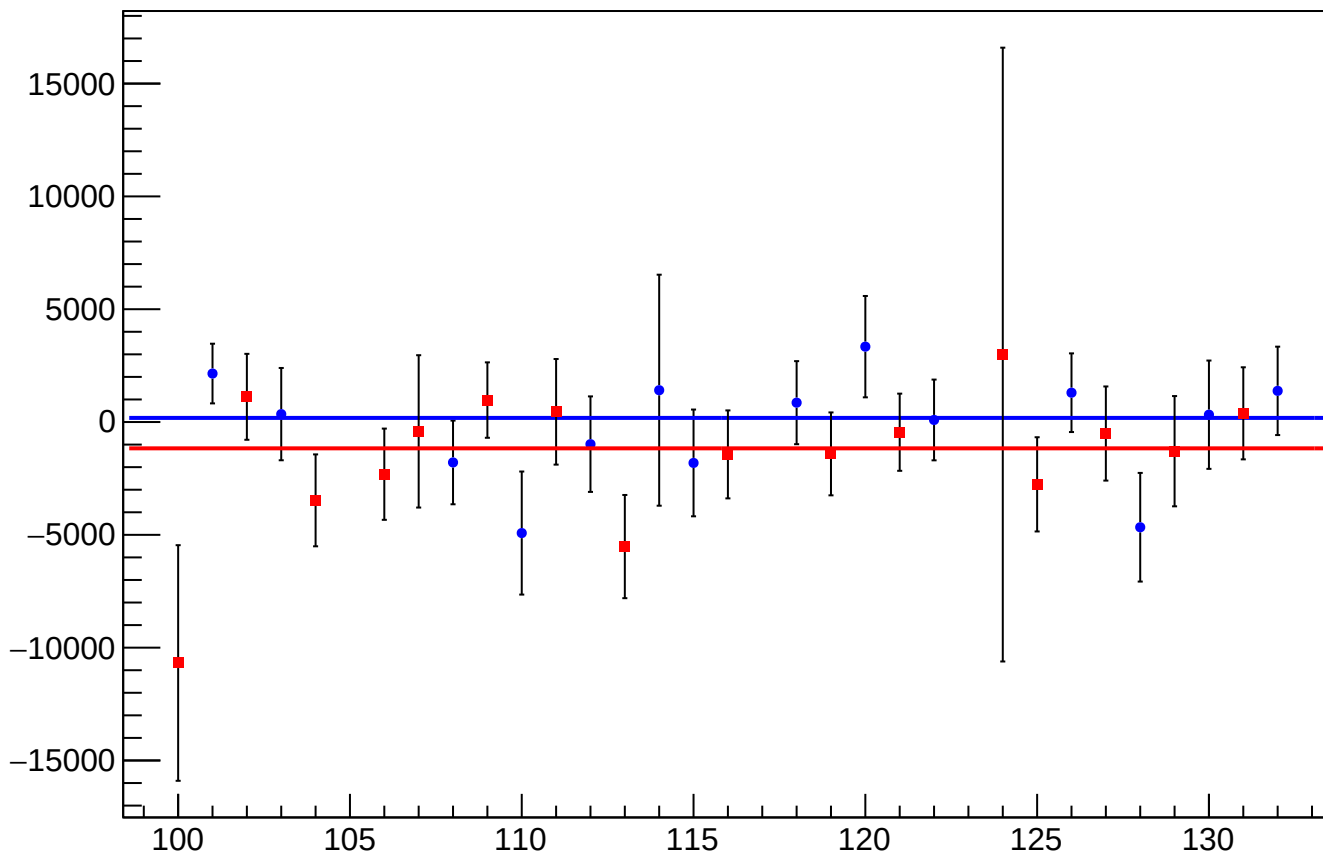
Right: 1269.627+/-0.262 χ^2/NDF : 702090.4/29

In: 1274.401+/-0.377 χ^2/NDF : 496027.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1269.627+/-0.262 χ^2/NDF : 702090.4/29

asym_at1_dd_at2_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 182.742 $\pm$ 540.949 χ^2 /NDF: 14.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1166.315 $\pm$ 543.023 χ^2 /NDF: 13.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

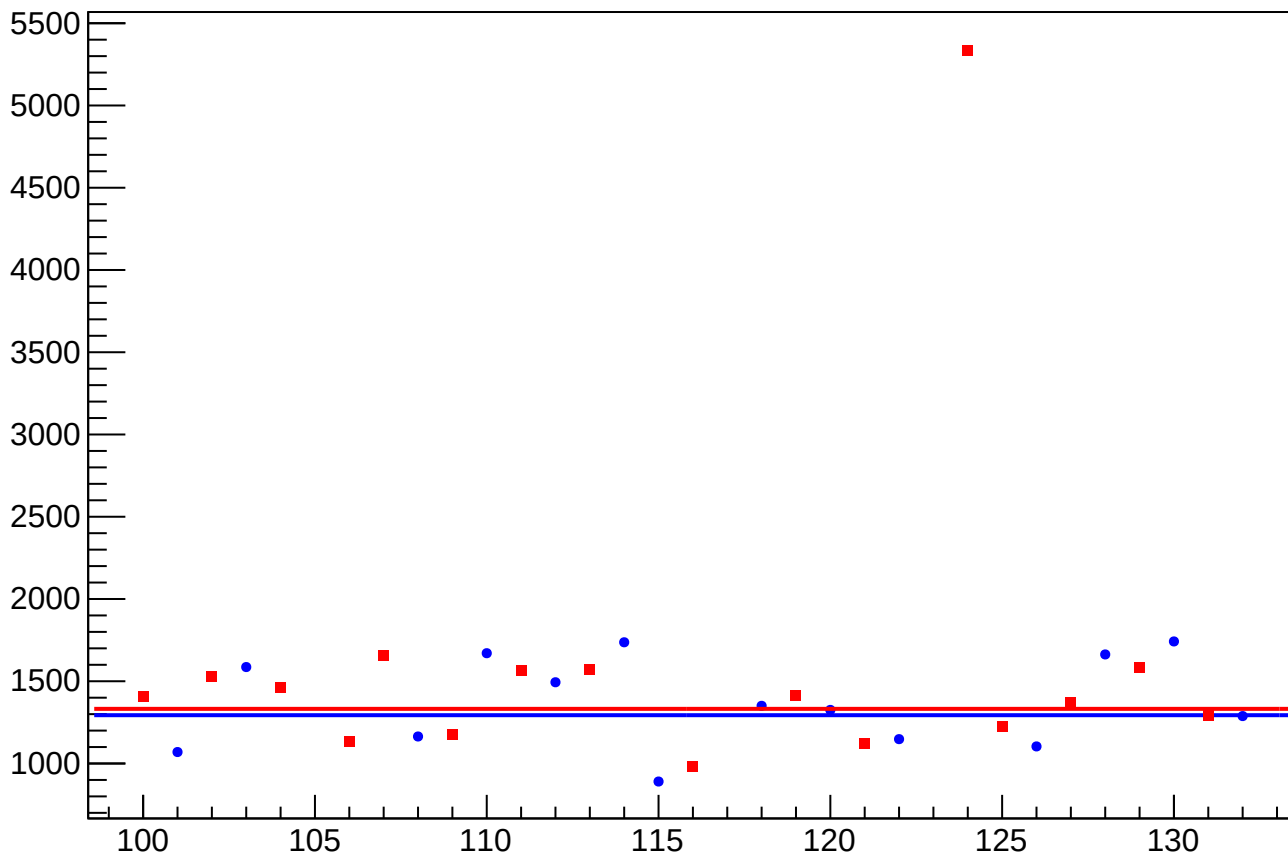
Right: -489.205 $\pm$ 383.240 χ^2 /NDF: 31.7/29

In: 182.742 $\pm$ 540.949 χ^2 /NDF:14.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -489.205 $\pm$ 383.240 χ^2 /NDF: 31.7/29

asym_at1_dd_at2_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1293.609+/-0.383 χ^2/NDF : 393316.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1332.193+/-0.384 χ^2/NDF : 427727.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

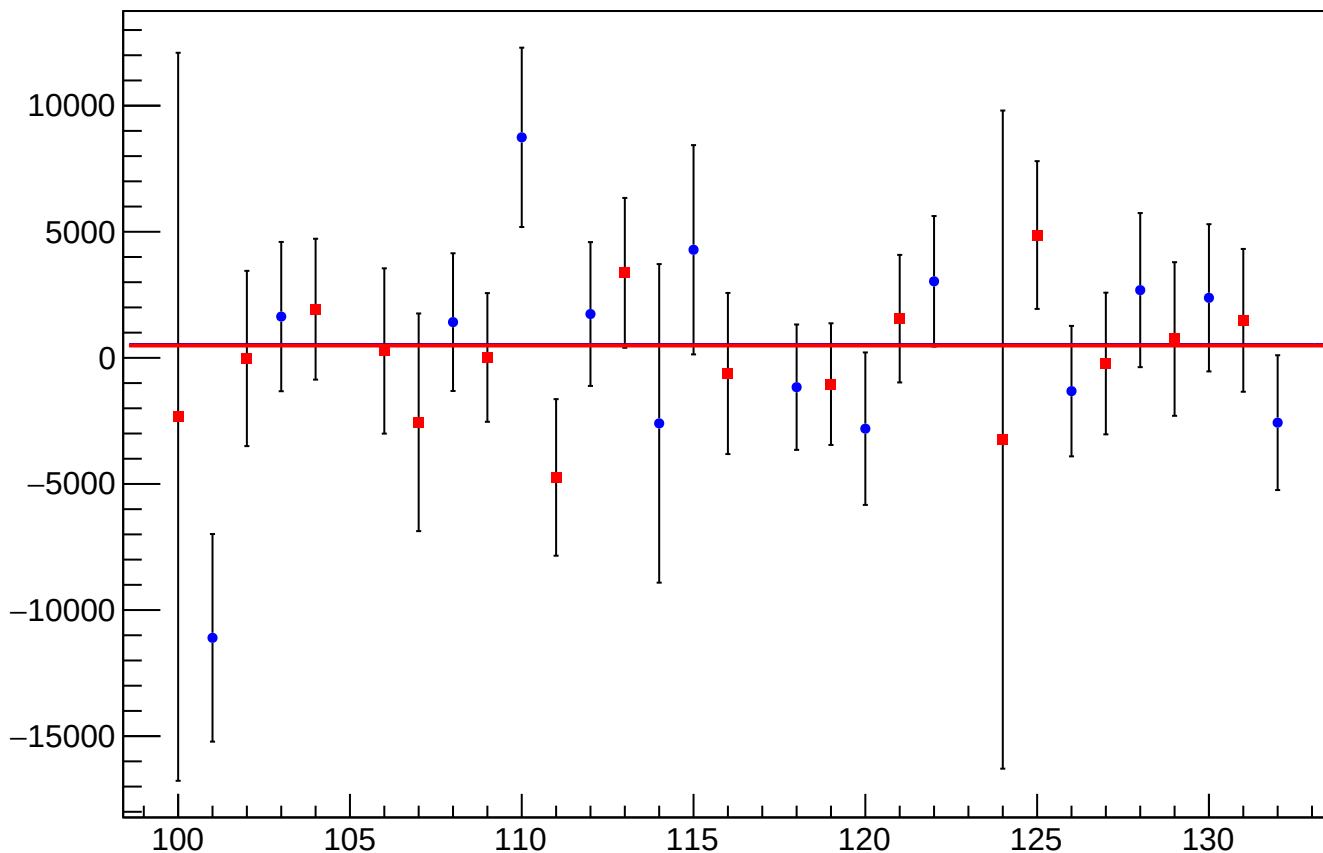
Right: 1312.827+/-0.271 χ^2/NDF : 826111.8/29

In: 1293.609+/-0.383 χ^2/NDF : 393316.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1312.827+/-0.271 χ^2/NDF : 826111.8/29

asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 510.322+/-809.248 χ^2/NDF : 20.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 490.136+/-780.642 χ^2/NDF : 7.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

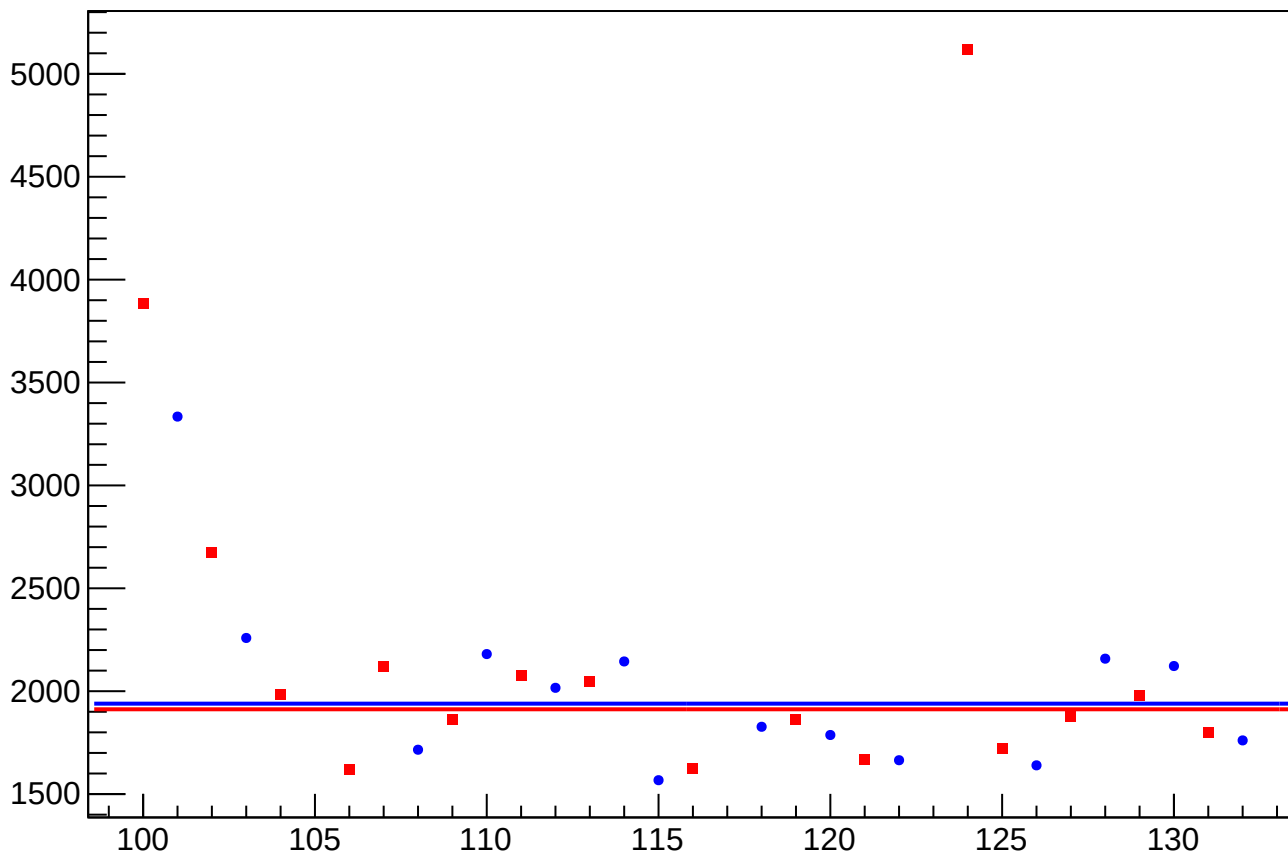
Right: 499.866+/-561.838 χ^2/NDF : 28.0/29

In: 510.322+/-809.248 χ^2/NDF :20.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 499.866+/-561.838 χ^2/NDF : 28.0/29

asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1939.467+/-0.572 χ^2/NDF : 380834.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1912.089+/-0.552 χ^2/NDF : 335714.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

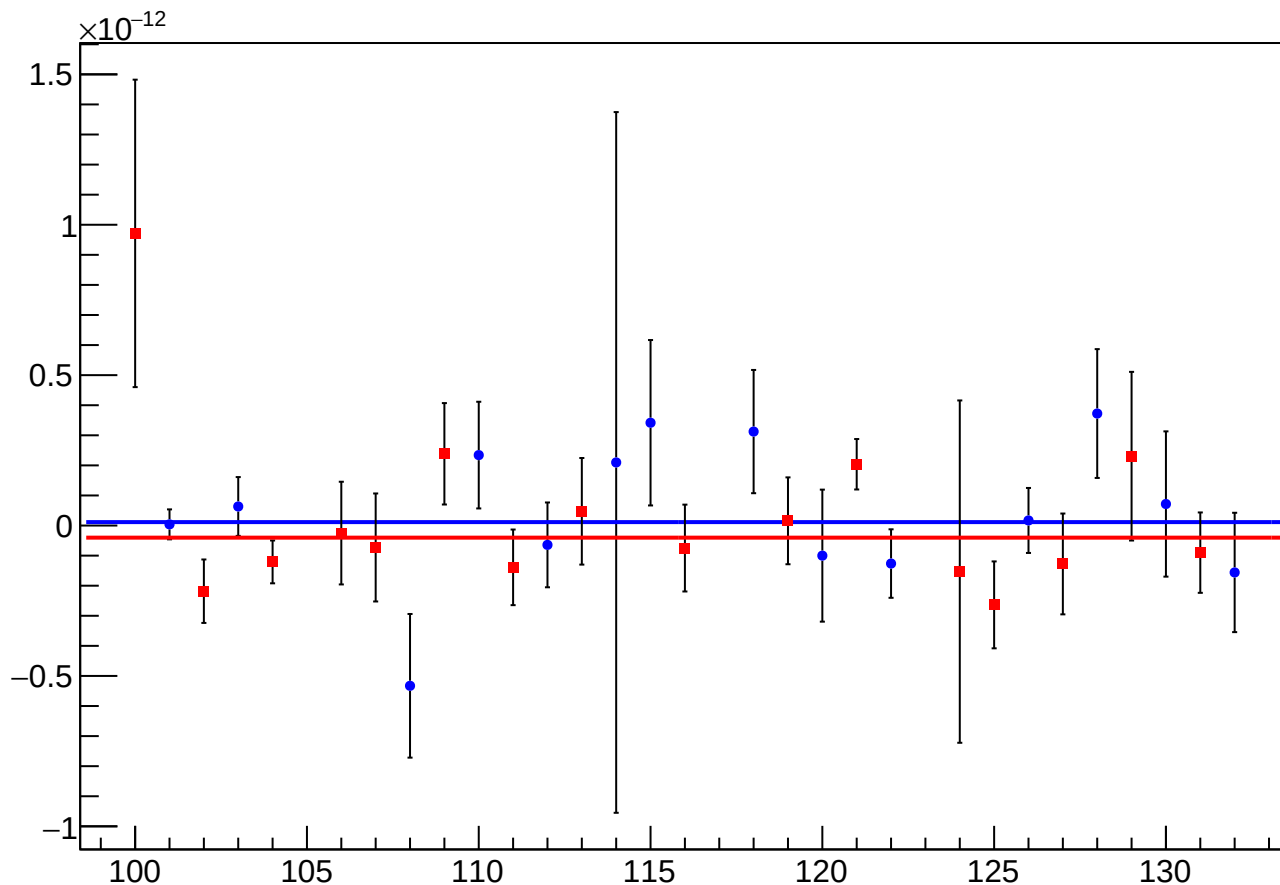
Right: 1925.286+/-0.397 χ^2/NDF : 717734.6/29

In: 1939.467+/-0.572 χ^2/NDF : 380834.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1925.286+/-0.397 χ^2/NDF : 717734.6/29

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 24.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

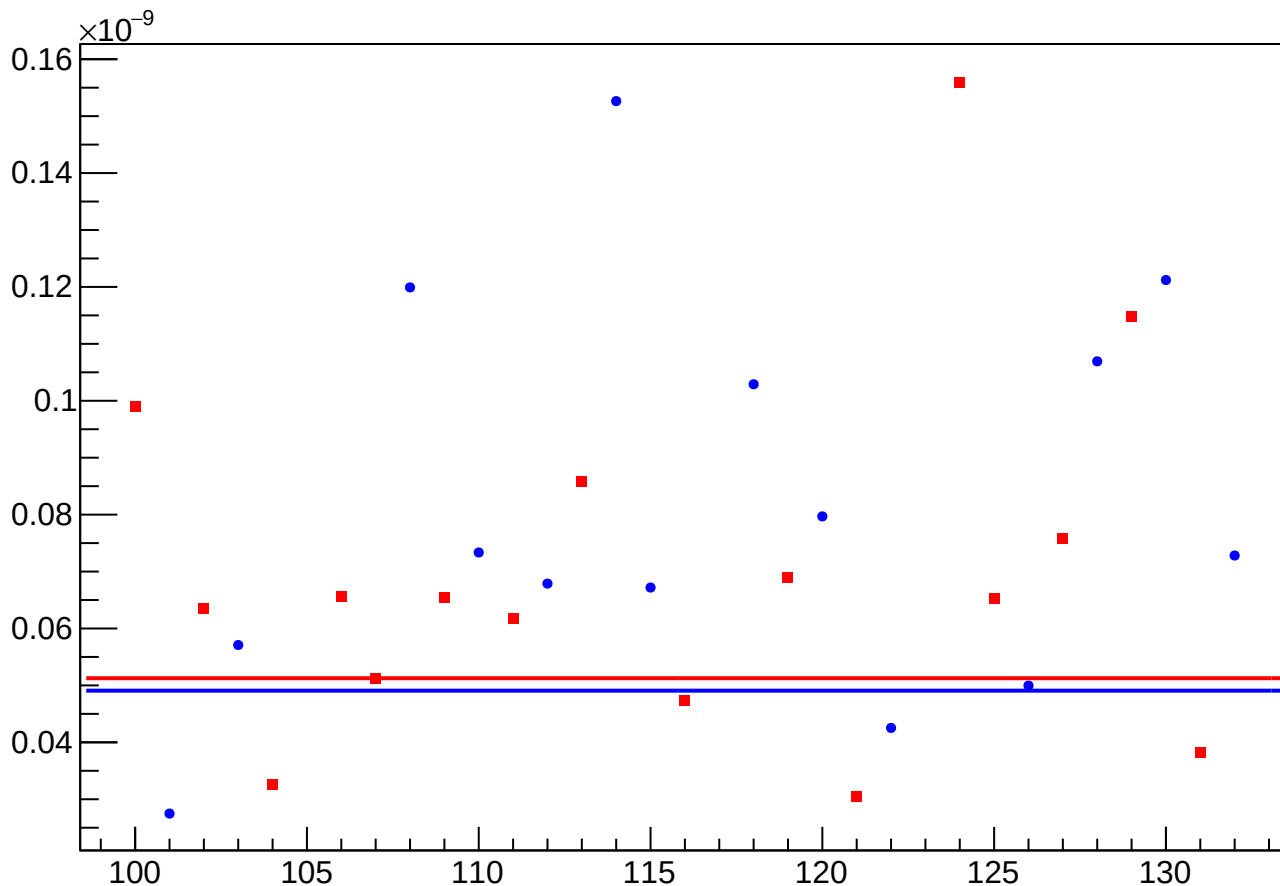
Right: -0.000+/-0.000 χ^2/NDF : 41.7/29

In: 0.000+/-0.000 χ^2/NDF : 16.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 41.7/29

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1199741.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 704491.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

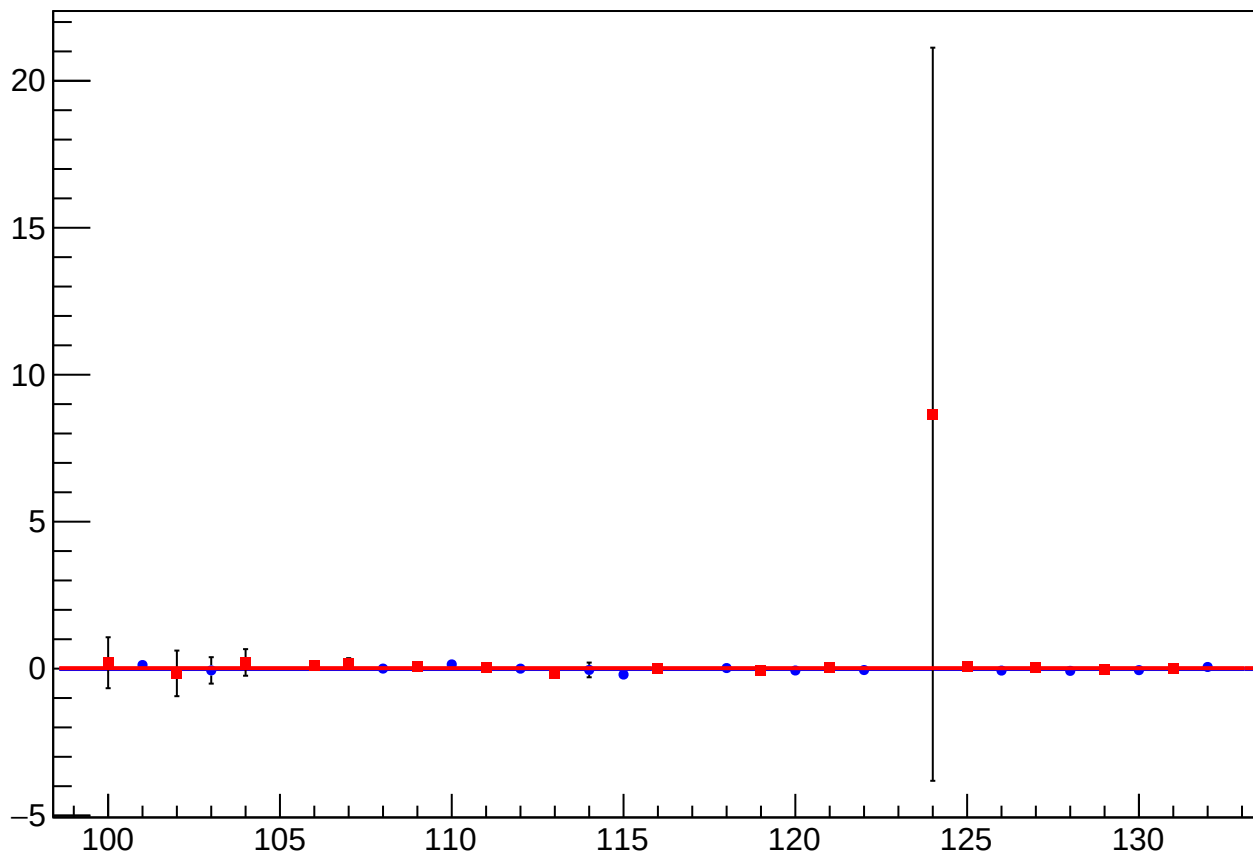
Right: 0.000+/-0.000 χ^2/NDF : 1908476.9/29

In: 0.000+/-0.000 χ^2/NDF : 1199741.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1908476.9/29

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 $\pm$ 0.020 χ^2 /NDF: 13.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.017 $\pm$ 0.020 χ^2 /NDF: 11.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

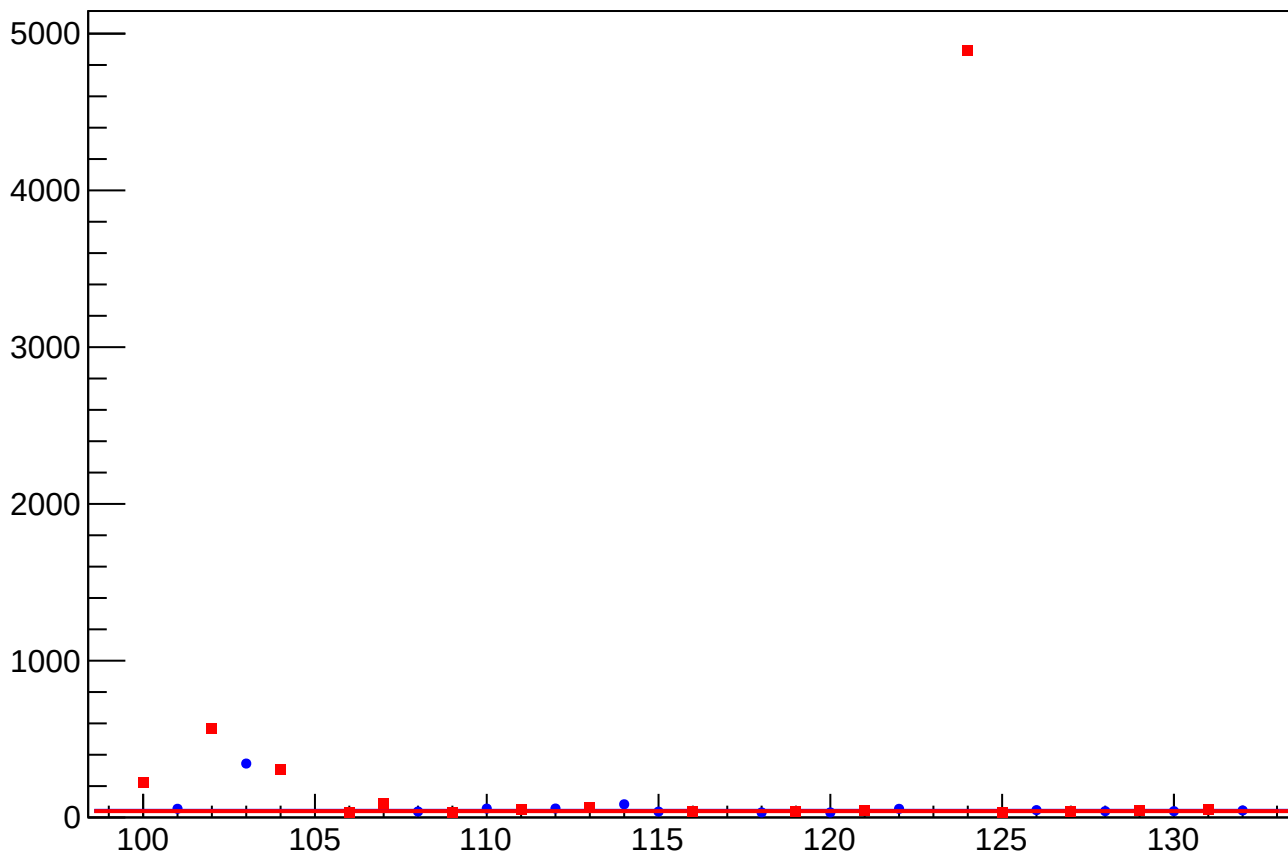
Right: 0.002 $\pm$ 0.014 χ^2 /NDF: 25.8/29

In: -0.013 $\pm$ 0.020 χ^2 /NDF:13.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.014 χ^2 /NDF: 25.8/29

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.284+/-0.014 χ^2/NDF : 1356322.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.336+/-0.014 χ^2/NDF : 2449069.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

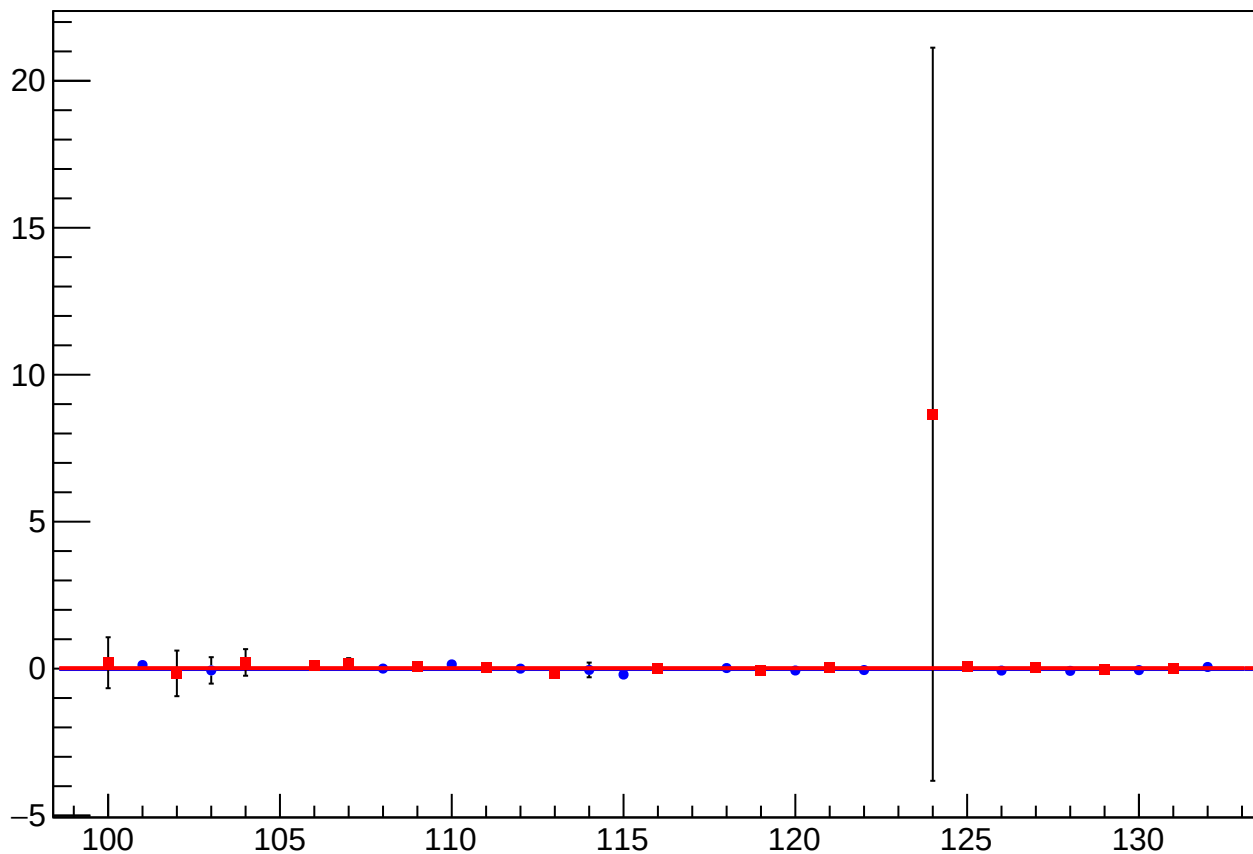
Right: 41.308+/-0.010 χ^2/NDF : 3815249.4/29

In: 42.284+/-0.014 χ^2/NDF : 1356322.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.308+/-0.010 χ^2/NDF : 3815249.4/29

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013+/-0.020 χ^2/NDF : 13.6/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.017+/-0.020 χ^2/NDF : 11.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

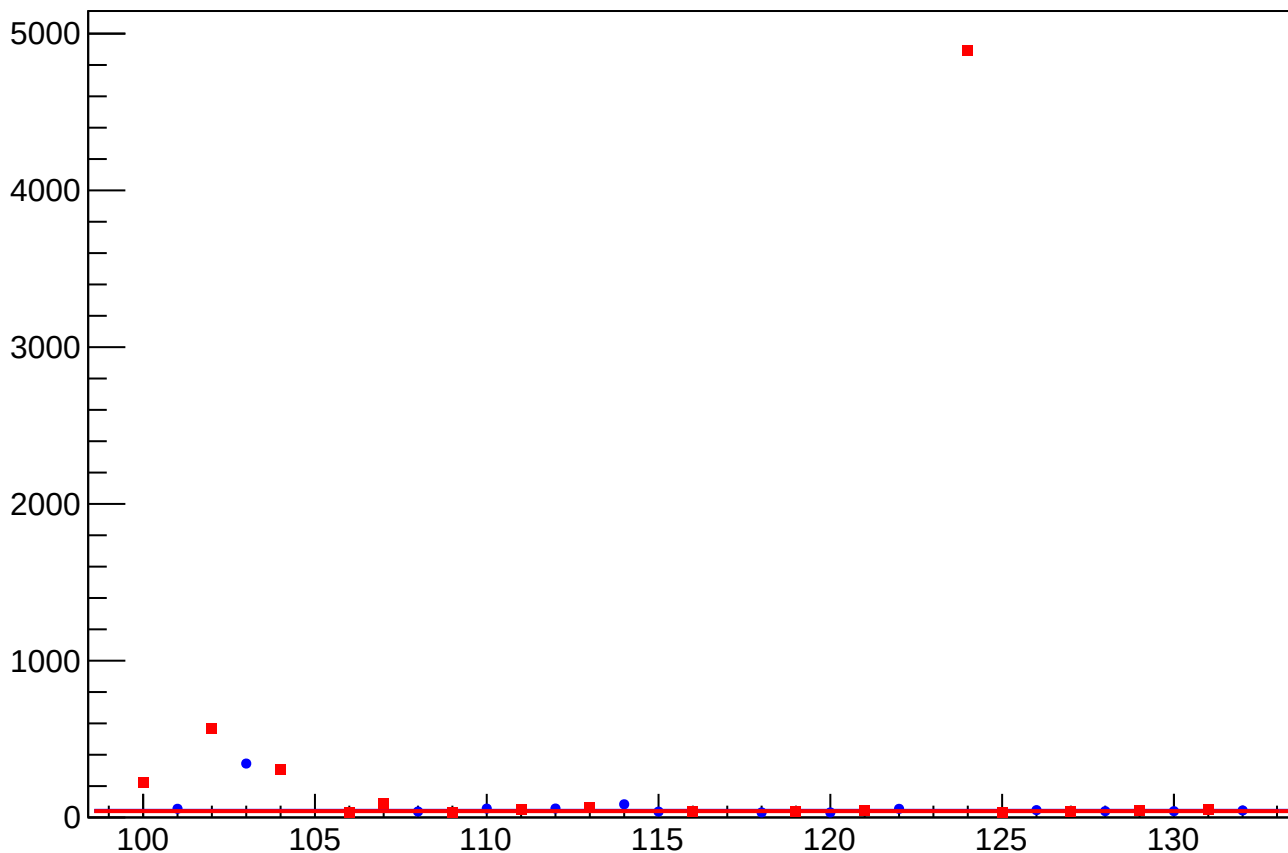
Right: 0.002+/-0.014 χ^2/NDF : 25.8/29

In: -0.013+/-0.020 χ^2/NDF :13.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.014 χ^2/NDF : 25.8/29

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.284+/-0.014 χ^2/NDF : 1356322.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.336+/-0.014 χ^2/NDF : 2449069.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

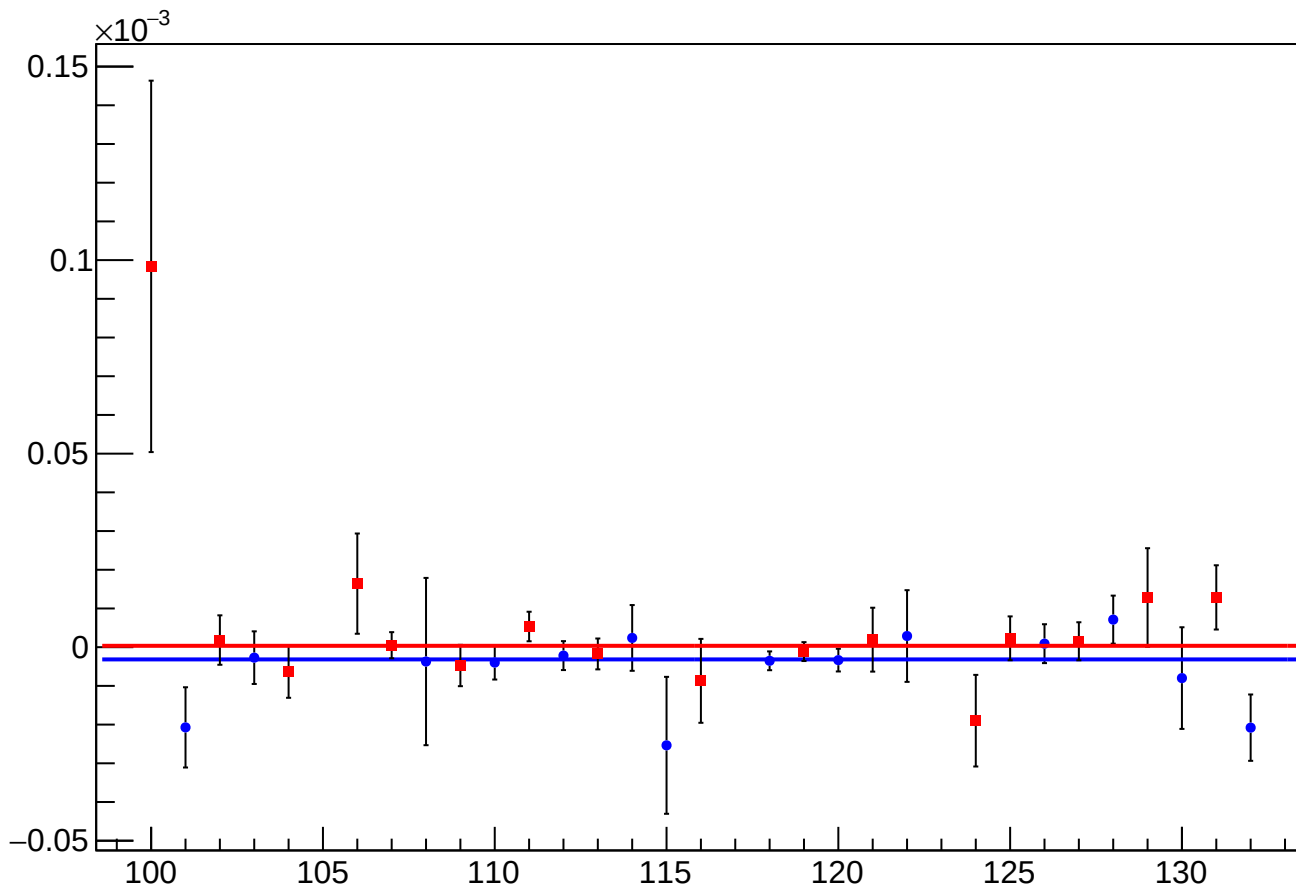
Right: 41.308+/-0.010 χ^2/NDF : 3815249.4/29

In: 42.284+/-0.014 χ^2/NDF : 1356322.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.308+/-0.010 χ^2/NDF : 3815249.4/29

asym_at1_dd_at2_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 13.0/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 16.8/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

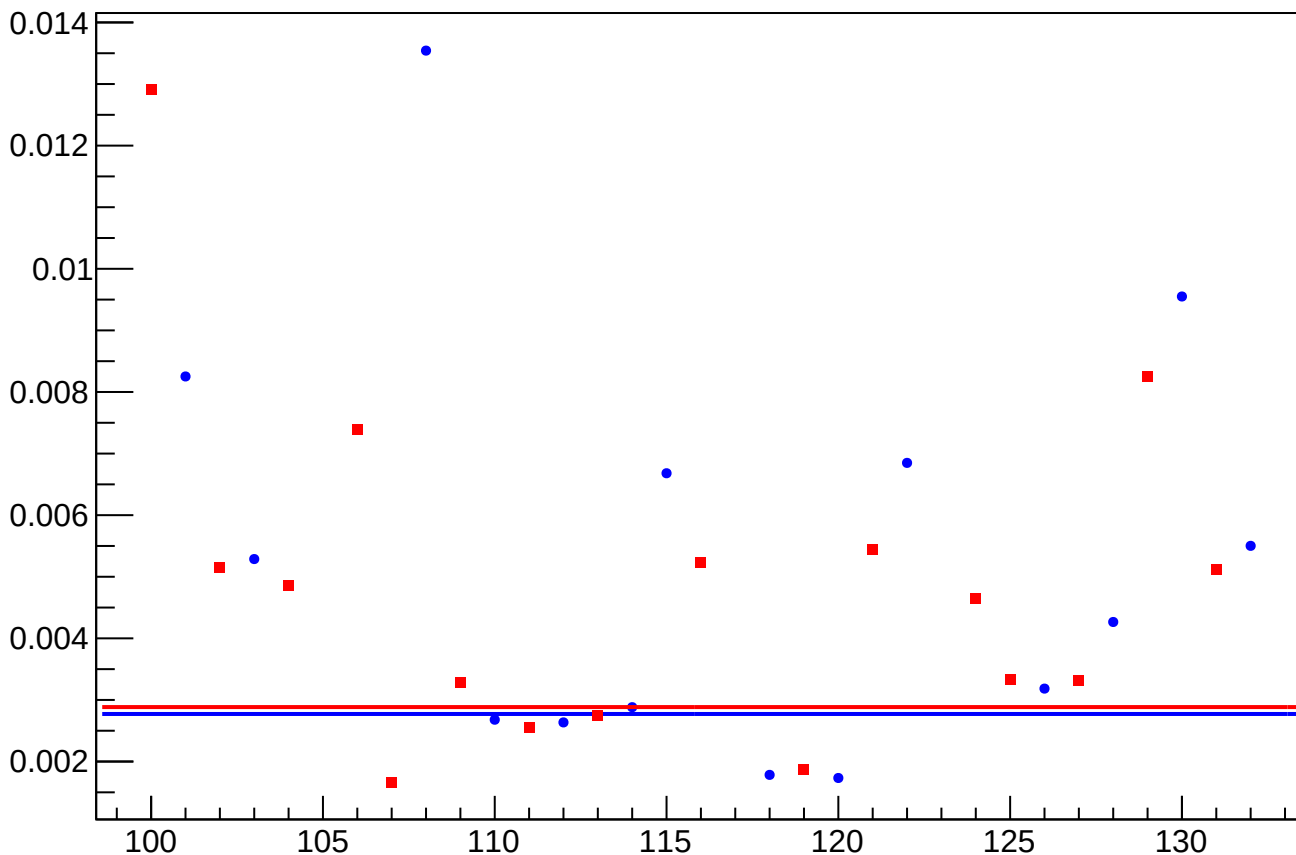
Right: -0.000+/-0.000 χ^2 /NDF: 33.4/29

In: -0.000+/-0.000 χ^2 /NDF:13.0/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 33.4/29

asym_at1_dd_at2_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 3115967.3/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2249298.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

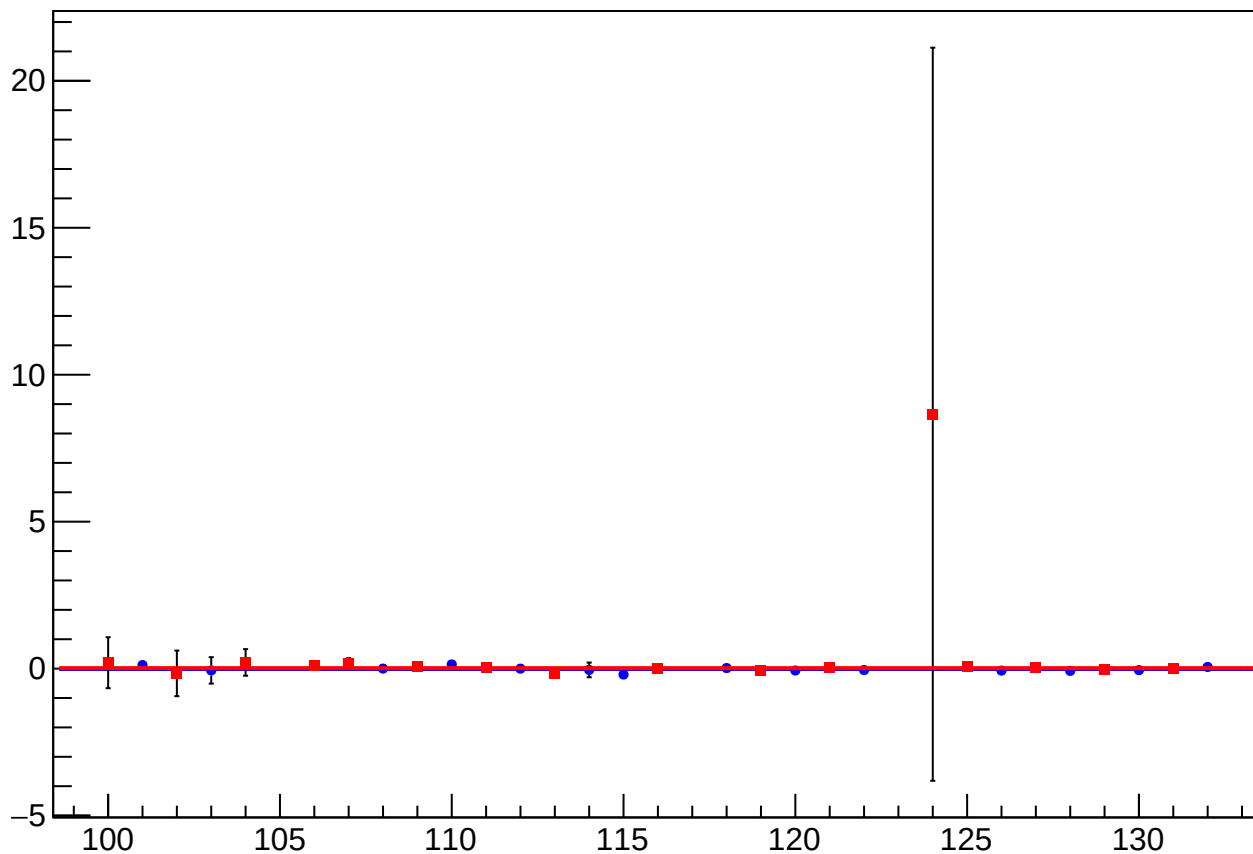
Right: 0.003+/-0.000 χ^2/NDF : 5372479.7/29

In: 0.003+/-0.000 χ^2/NDF :3115967.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 5372479.7/29

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013+/-0.020 χ^2 /NDF: 13.6/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.017+/-0.020 χ^2 /NDF: 11.0/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

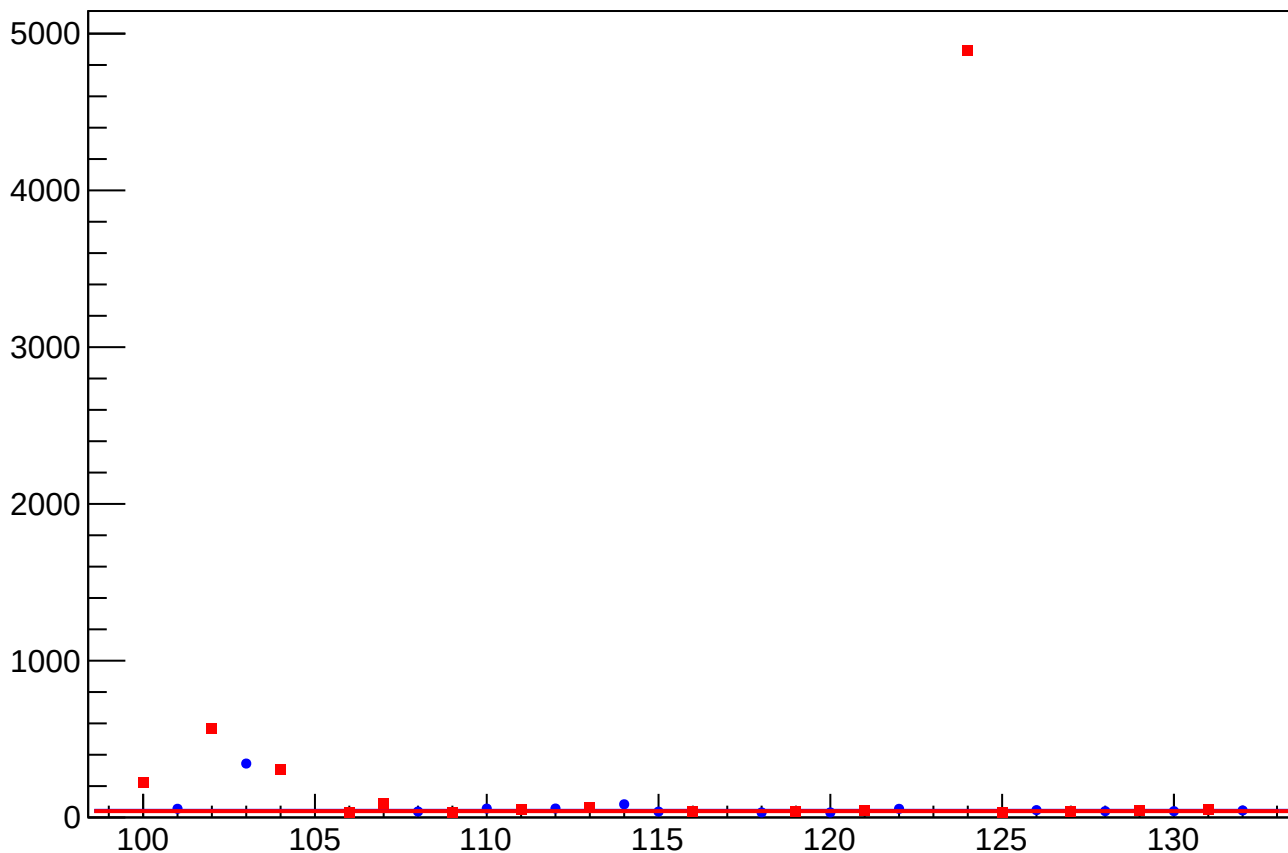
Right: 0.002+/-0.014 χ^2 /NDF: 25.8/29

In: -0.013+/-0.020 χ^2 /NDF:13.6/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.002+/-0.014 χ^2 /NDF: 25.8/29

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.284+/-0.014 χ^2/NDF : 1356339.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.335+/-0.014 χ^2/NDF : 2449119.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

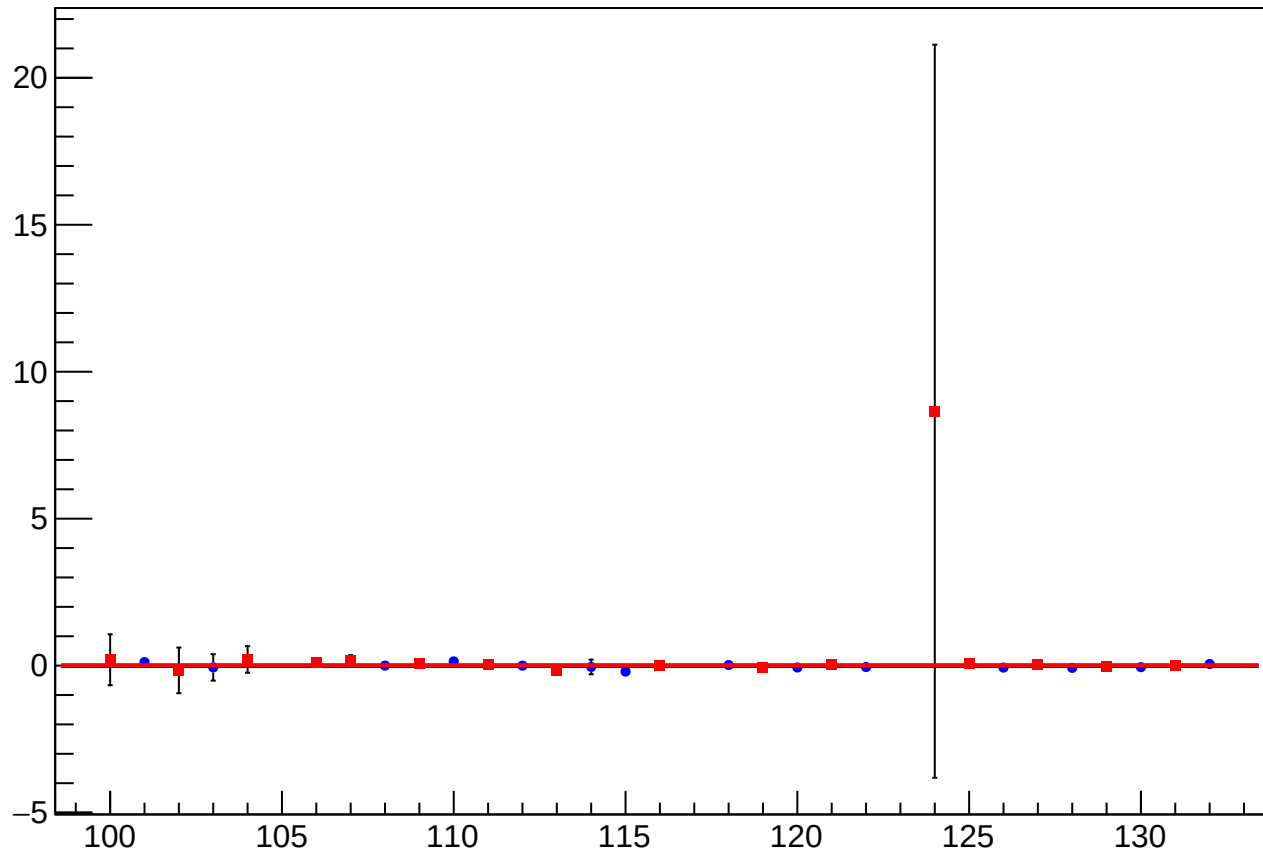
Right: 41.307+/-0.010 χ^2/NDF : 3815325.2/29

In: 42.284+/-0.014 χ^2/NDF : 1356339.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.307+/-0.010 χ^2/NDF : 3815325.2/29

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013+/-0.020 χ^2 /NDF: 13.6/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.017+/-0.020 χ^2 /NDF: 11.0/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

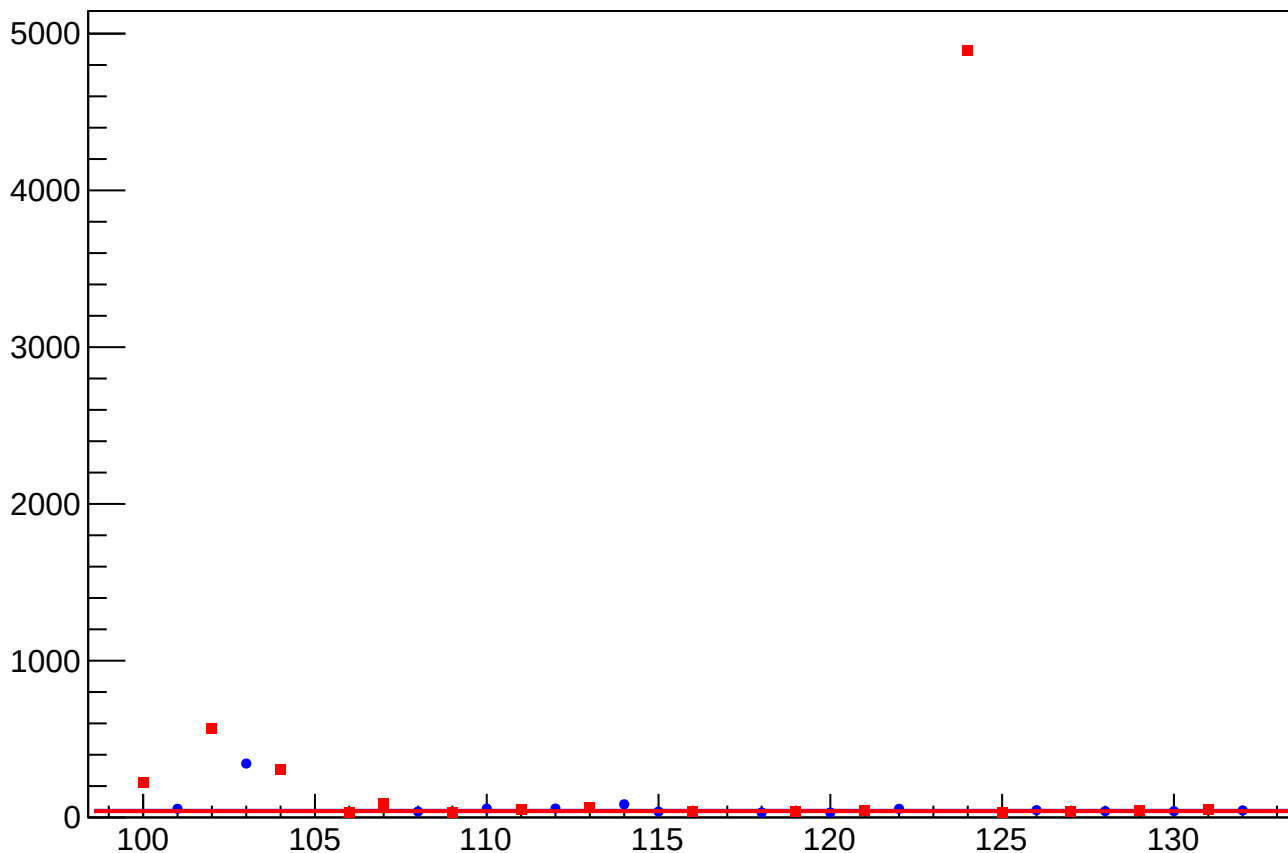
Right: 0.002+/-0.014 χ^2 /NDF: 25.8/29

In: -0.013+/-0.020 χ^2 /NDF:13.6/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.002+/-0.014 χ^2 /NDF: 25.8/29

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.284+/-0.014 χ^2/NDF : 1356339.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.335+/-0.014 χ^2/NDF : 2449119.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

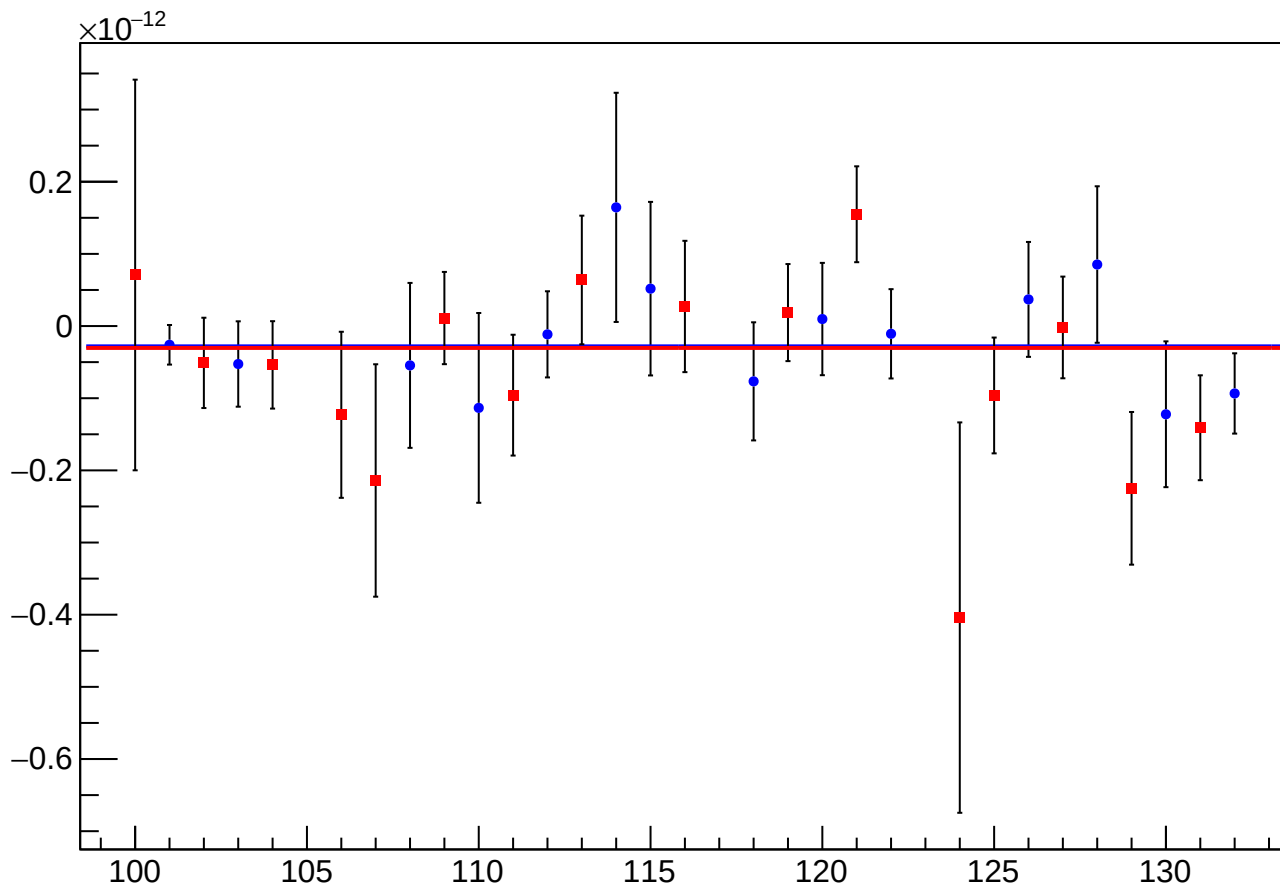
Right: 41.307+/-0.010 χ^2/NDF : 3815325.2/29

In: 42.284+/-0.014 χ^2/NDF : 1356339.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.307+/-0.010 χ^2/NDF : 3815325.2/29

asym_at1_dd_at2_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 21.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

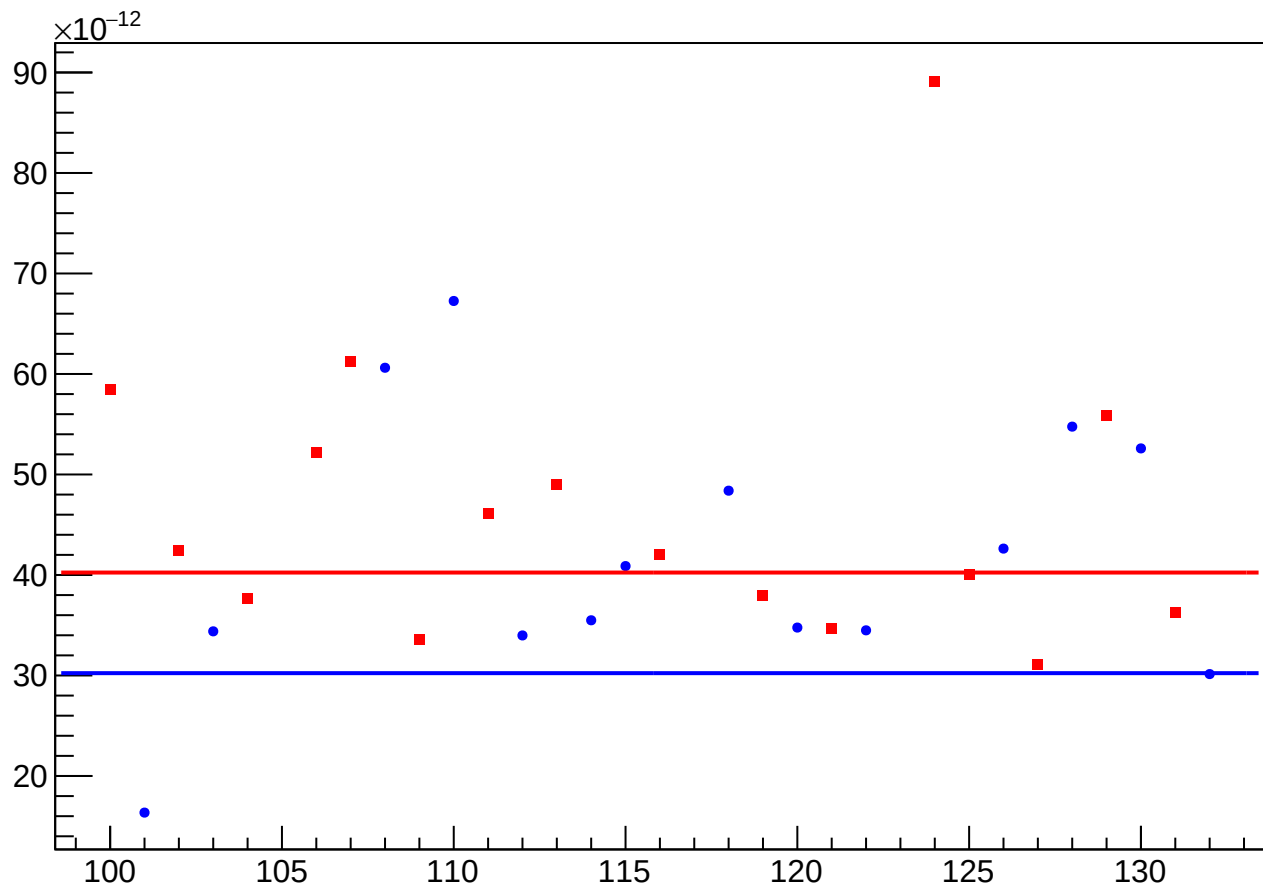
Right: -0.000+/-0.000 χ^2/NDF : 29.0/29

In: -0.000+/-0.000 χ^2/NDF : 7.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.0/29

asym_at1_dd_at2_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1210695.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 287415.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

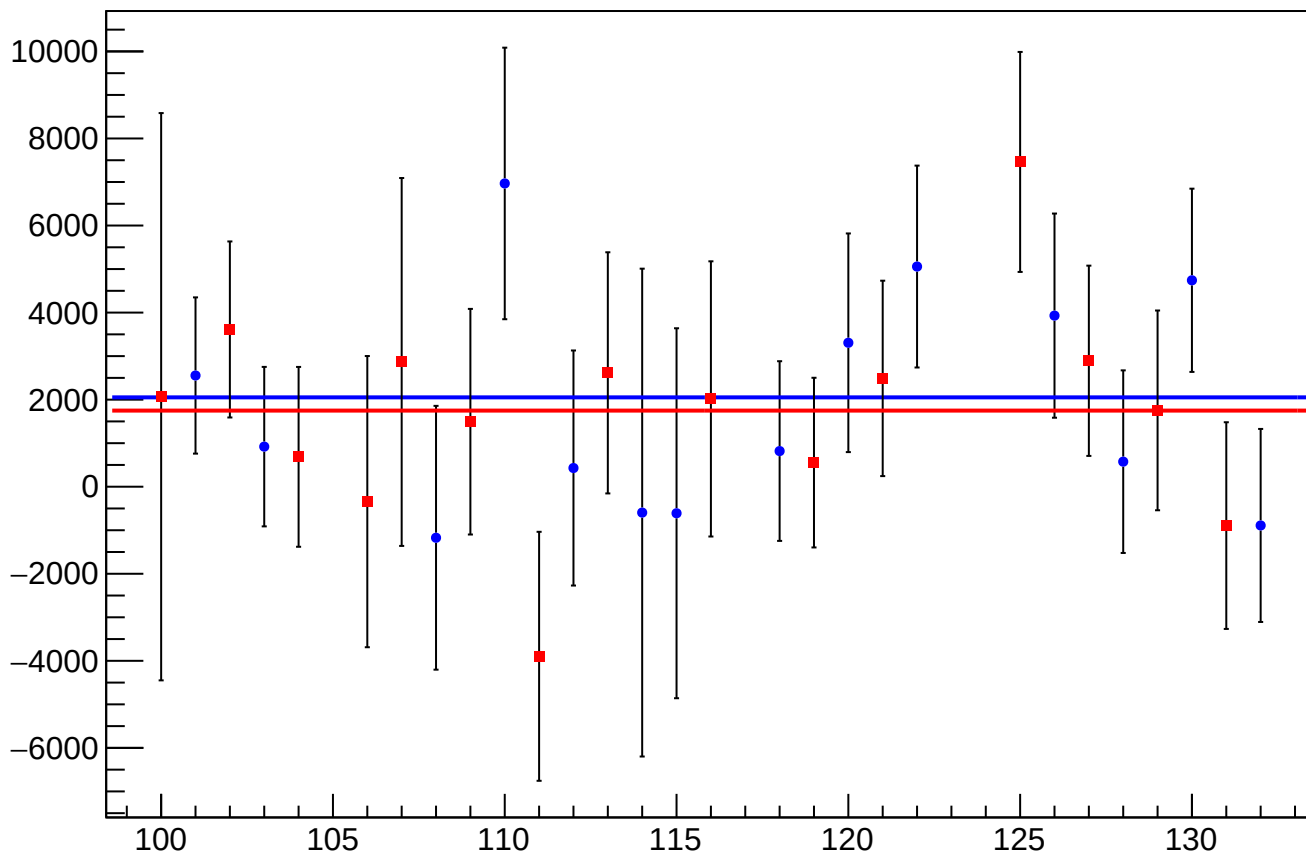
Right: 0.000+/-0.000 χ^2/NDF : 1778372.4/29

In: 0.000+/-0.000 χ^2/NDF : 1210695.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1778372.4/29

reg_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2052.612 $\pm$ 637.305 χ^2 /NDF: 11.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1748.654 $\pm$ 653.097 χ^2 /NDF: 12.7/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

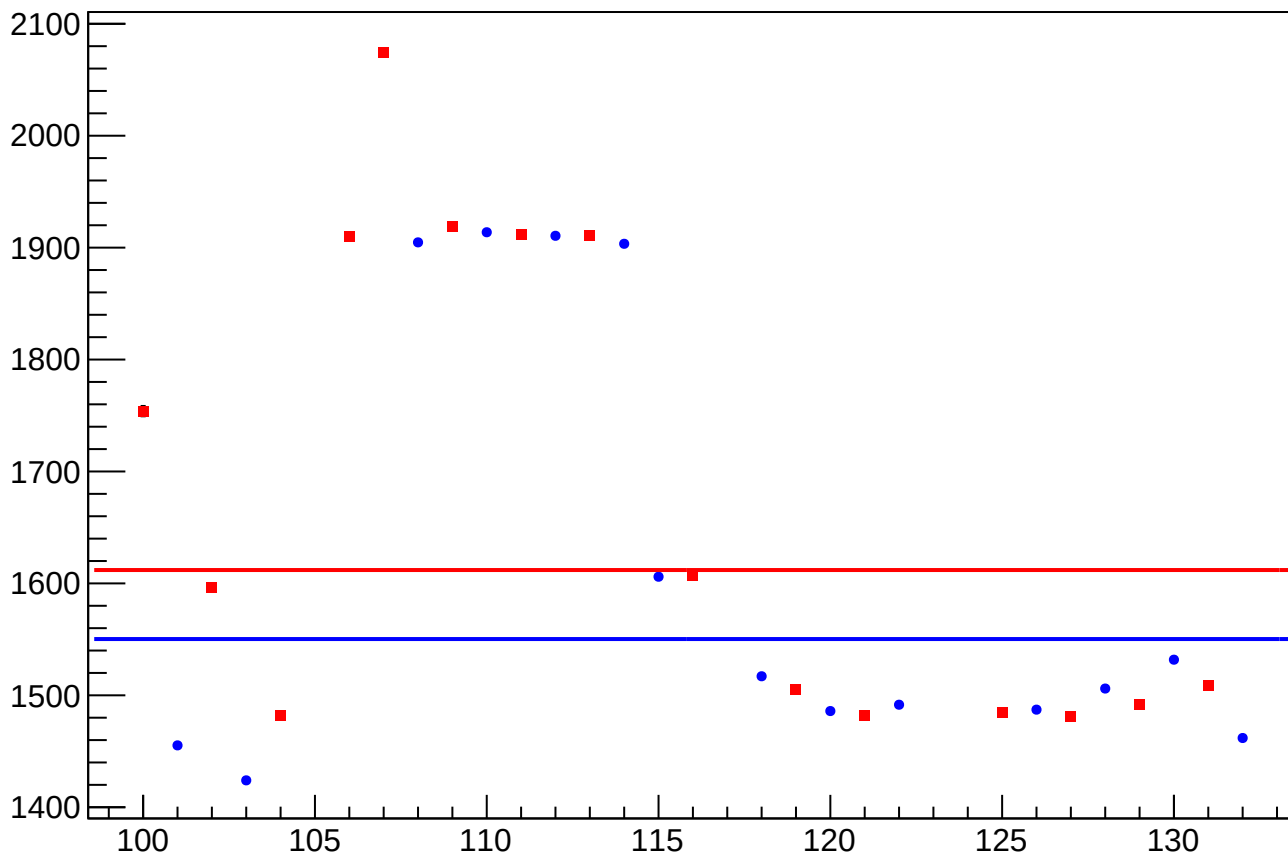
Right: 1904.352 $\pm$ 456.124 χ^2 /NDF: 24.7/28

In: 2052.612 $\pm$ 637.305 χ^2 /NDF:11.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1904.352 $\pm$ 456.124 χ^2 /NDF: 24.7/28

reg_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1550.282+/-0.451 χ^2/NDF : 122313.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1611.940+/-0.462 χ^2/NDF : 156468.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

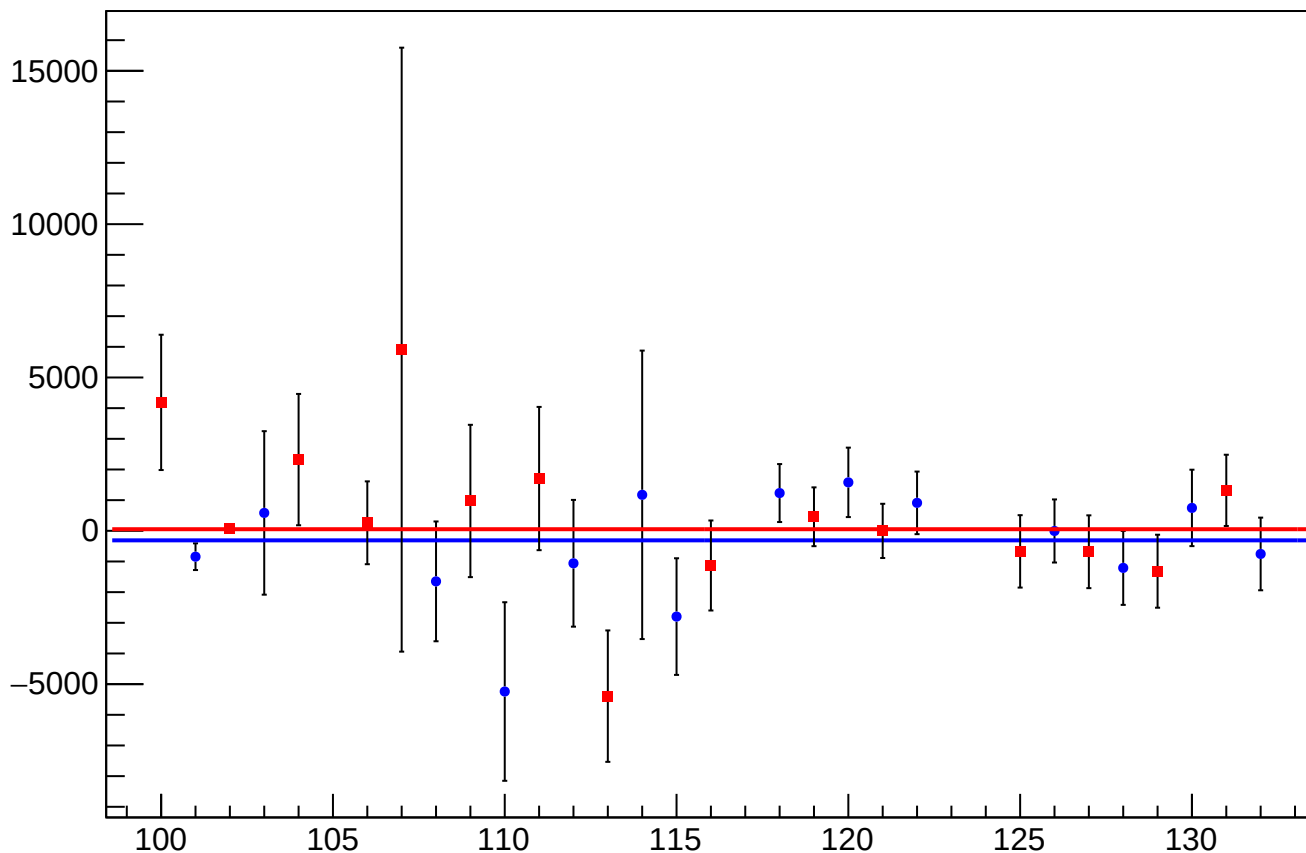
Right: 1580.357+/-0.323 χ^2/NDF : 287913.0/28

In: 1550.282+/-0.451 χ^2/NDF : 122313.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1580.357+/-0.323 χ^2/NDF : 287913.0/28

asym_usl_atl1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -310.862 ± 286.288 χ^2/NDF : 15.3/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 52.376 ± 129.141 χ^2/NDF : 16.2/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

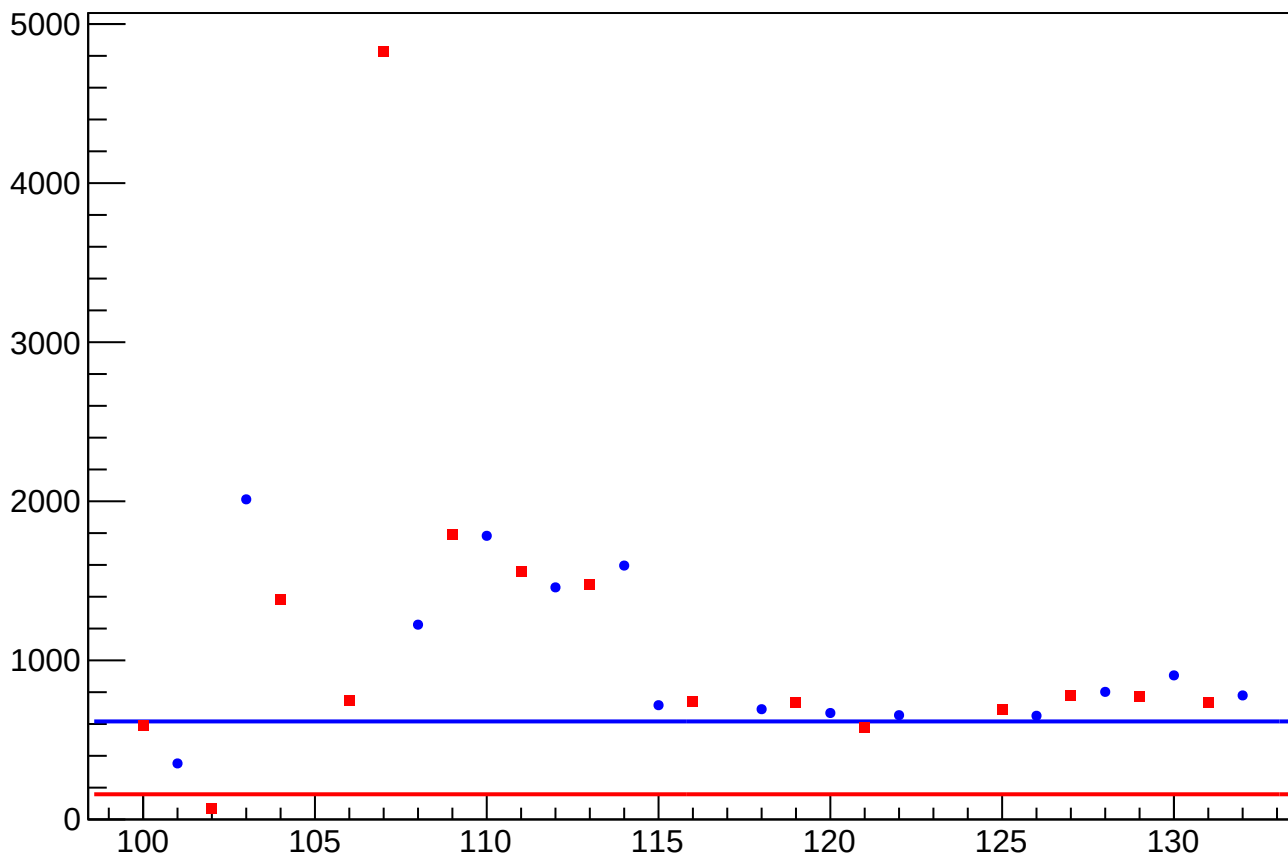
Right: -9.039 ± 117.718 χ^2/NDF : 32.8/28

In: -310.862 ± 286.288 χ^2/NDF : 15.3/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.039 ± 117.718 χ^2/NDF : 32.8/28

asym_usl_atl1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 616.221+/-0.202 χ^2/NDF : 2440299.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.276+/-0.091 χ^2/NDF : 8201226.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

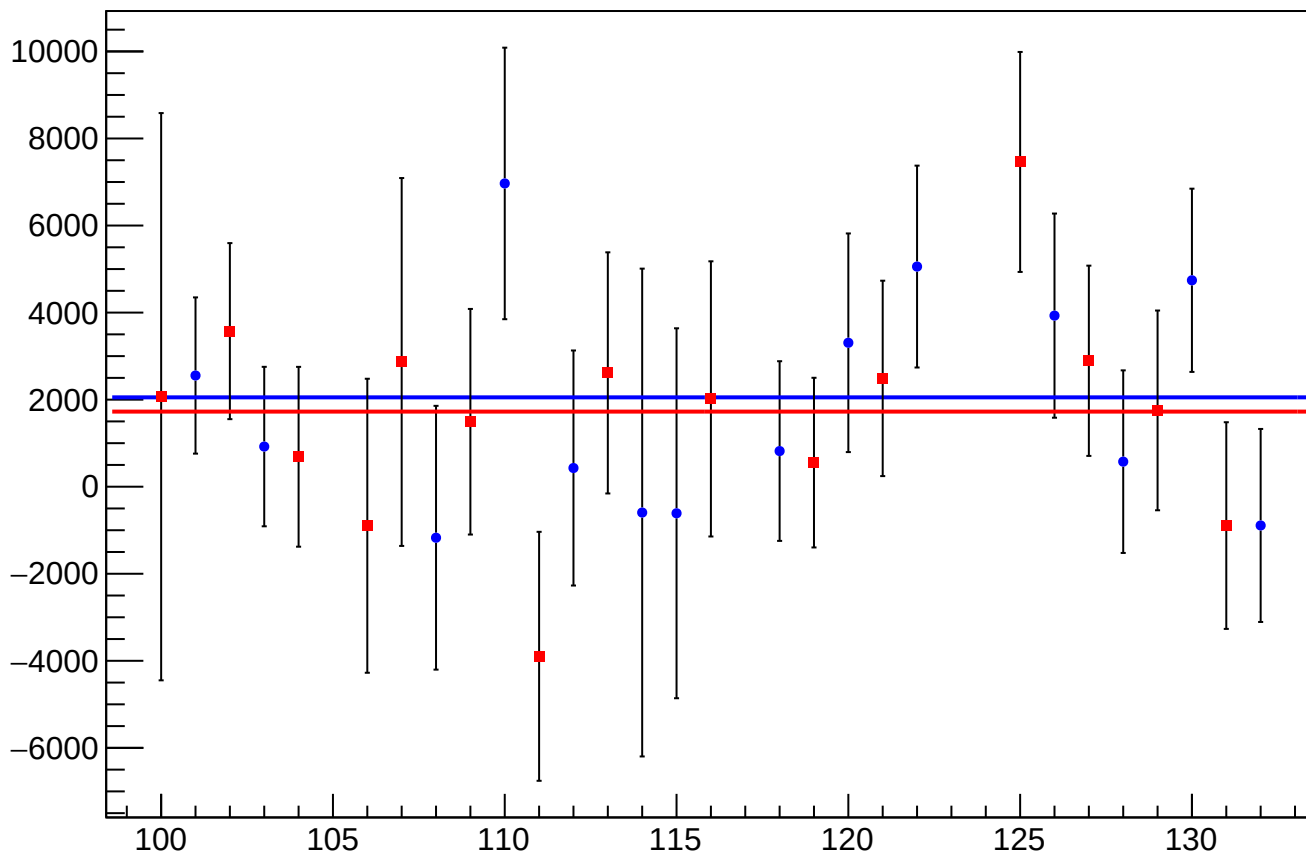
Right: 235.704+/-0.083 χ^2/NDF : 14893679.2/28

In: 616.221+/-0.202 χ^2/NDF : 2440299.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 235.704+/-0.083 χ^2/NDF : 14893679.2/28

cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2052.781+/-637.305 χ^2/NDF : 11.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1725.395+/-653.344 χ^2/NDF : 12.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

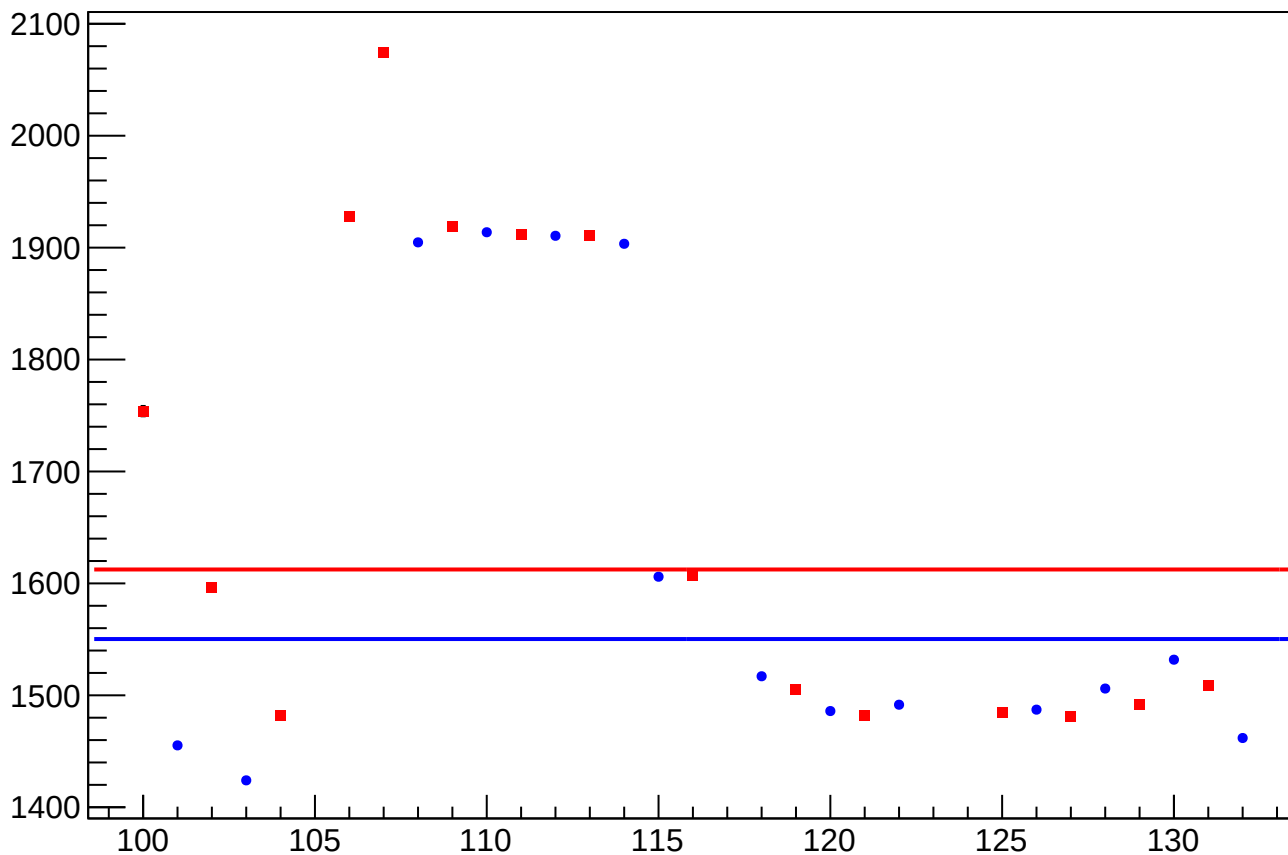
Right: 1893.156+/-456.207 χ^2/NDF : 24.9/28

In: 2052.781+/-637.305 χ^2/NDF : 11.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1893.156+/-456.207 χ^2/NDF : 24.9/28

cor_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1550.283+/-0.451 χ^2/NDF : 122313.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1612.431+/-0.462 χ^2/NDF : 158135.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

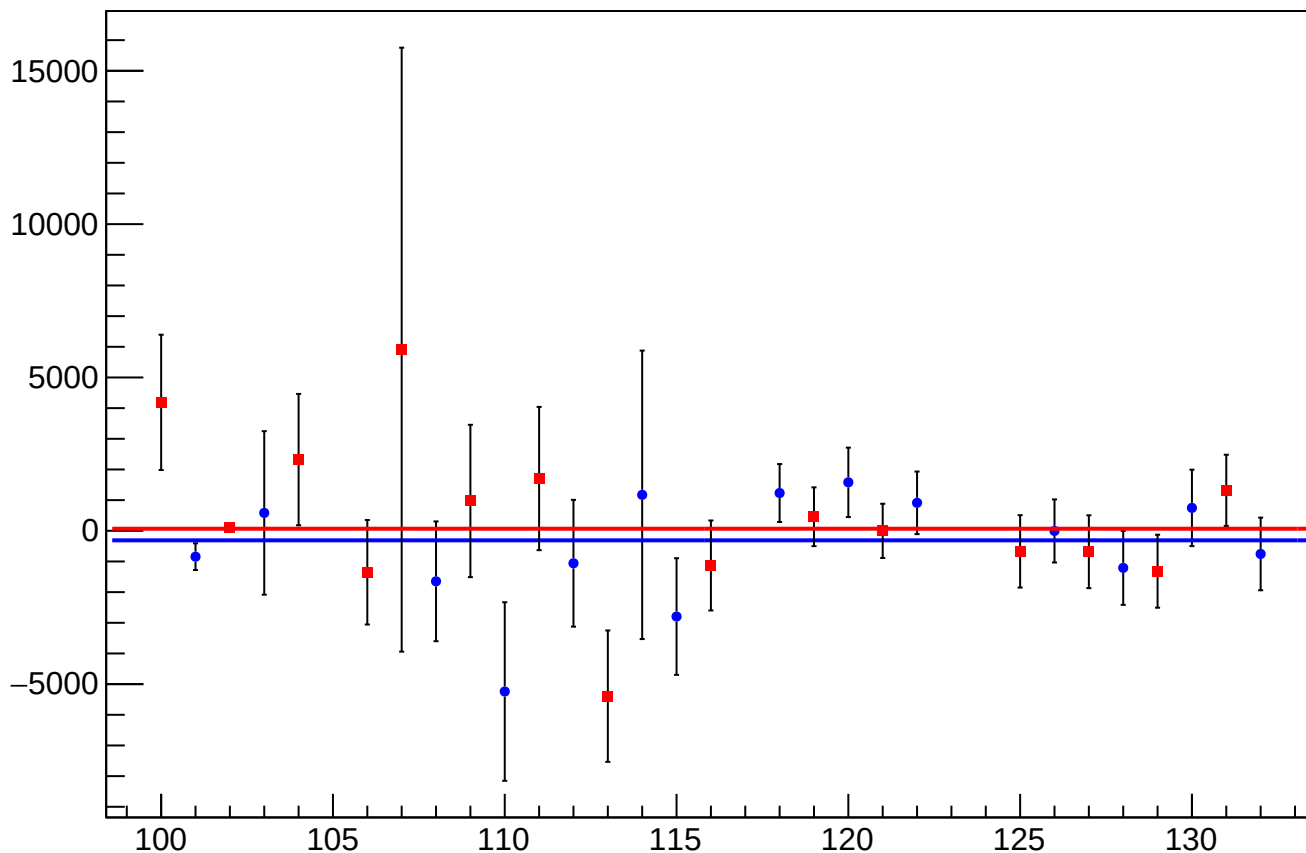
Right: 1580.585+/-0.323 χ^2/NDF : 289723.1/28

In: 1550.283+/-0.451 χ^2/NDF : 122313.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1580.585+/-0.323 χ^2/NDF : 289723.1/28

asym_usl_atl1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -310.816+/-286.288 χ^2/NDF : 15.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.273+/-139.966 χ^2/NDF : 16.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

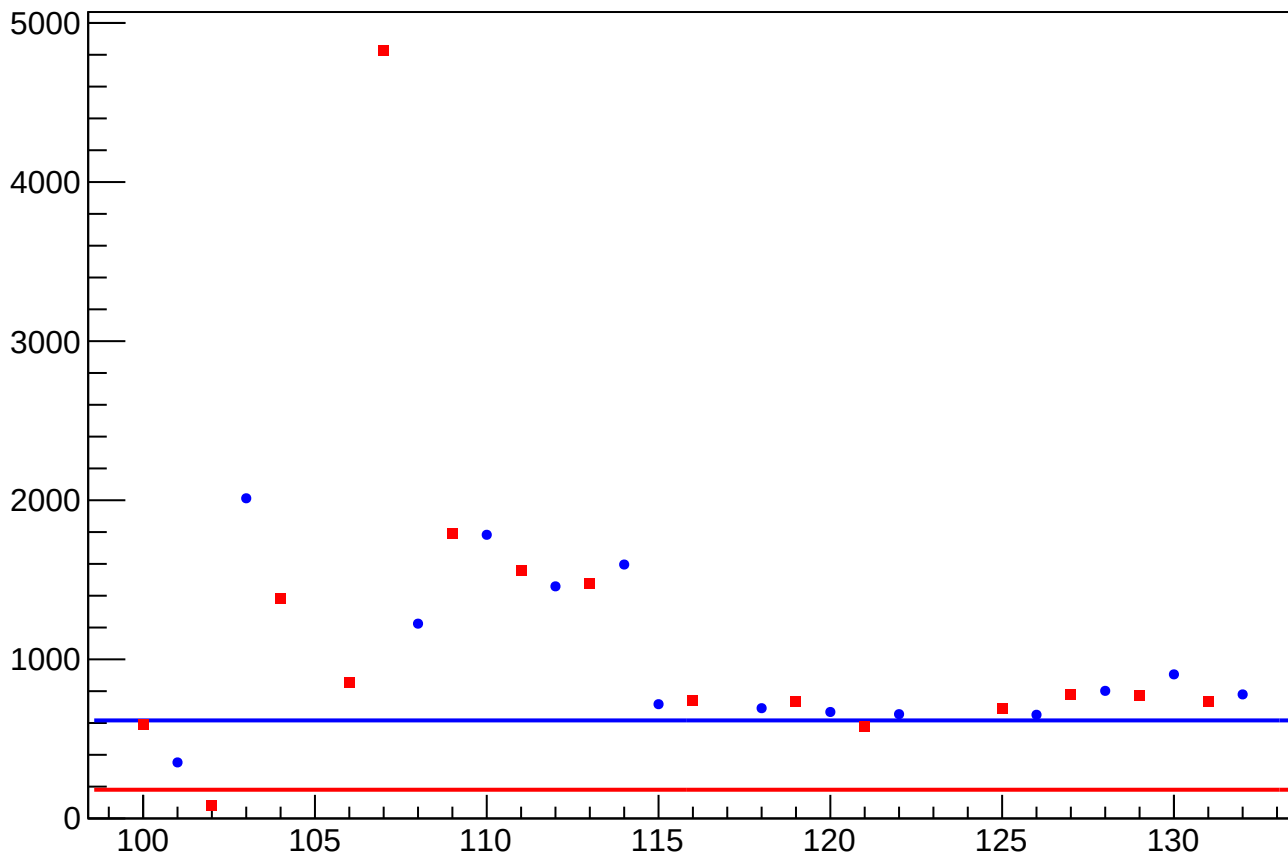
Right: -4.857+/-125.743 χ^2/NDF : 33.6/28

In: -310.816+/-286.288 χ^2/NDF : 15.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.857+/-125.743 χ^2/NDF : 33.6/28

asym_usl_atl1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 616.219+/-0.202 χ^2/NDF : 2440324.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 180.470+/-0.099 χ^2/NDF : 7817394.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

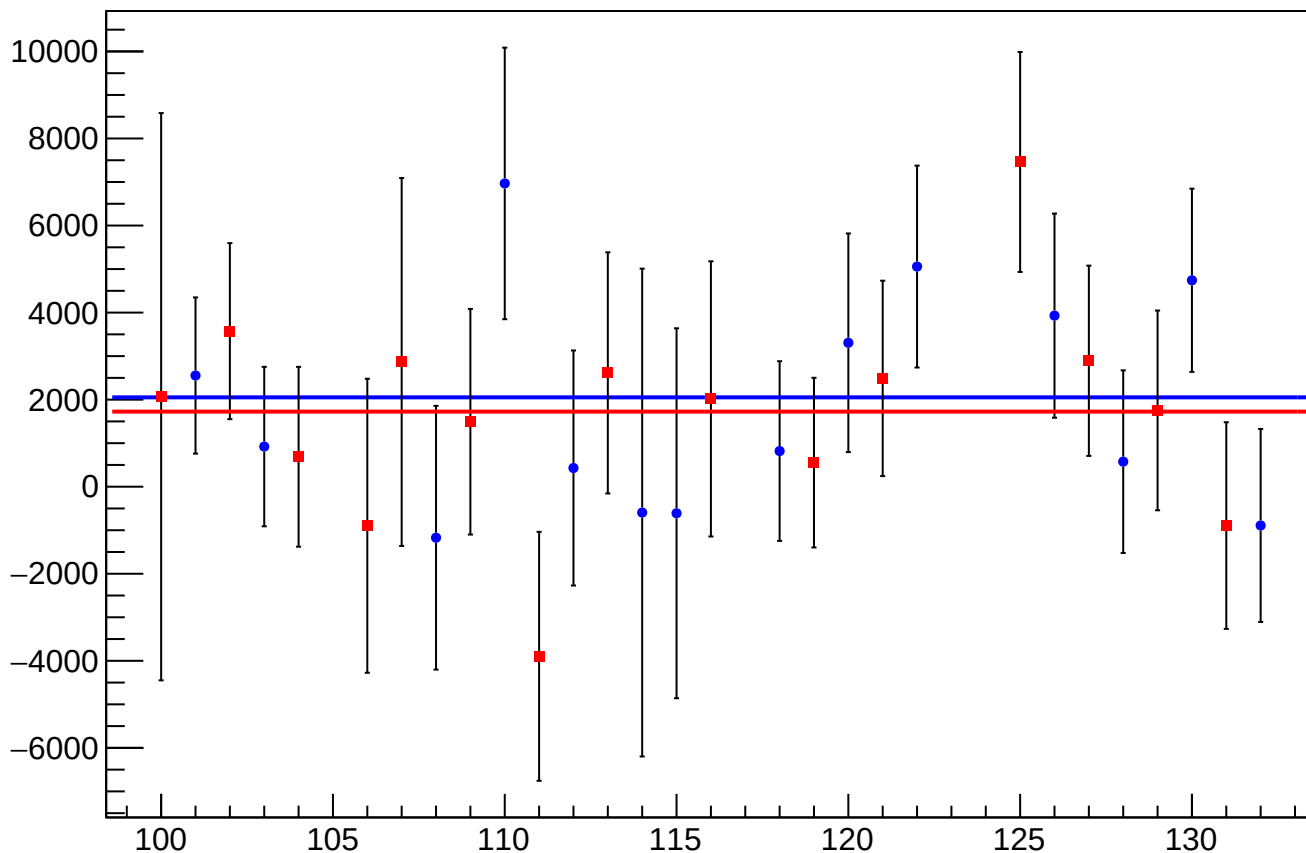
Right: 264.530+/-0.089 χ^2/NDF : 13997249.7/28

In: 616.219+/-0.202 χ^2/NDF : 2440324.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 264.530+/-0.089 χ^2/NDF : 13997249.7/28

eigen_cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2052.781+/-637.305 χ^2/NDF : 11.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1725.395+/-653.344 χ^2/NDF : 12.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

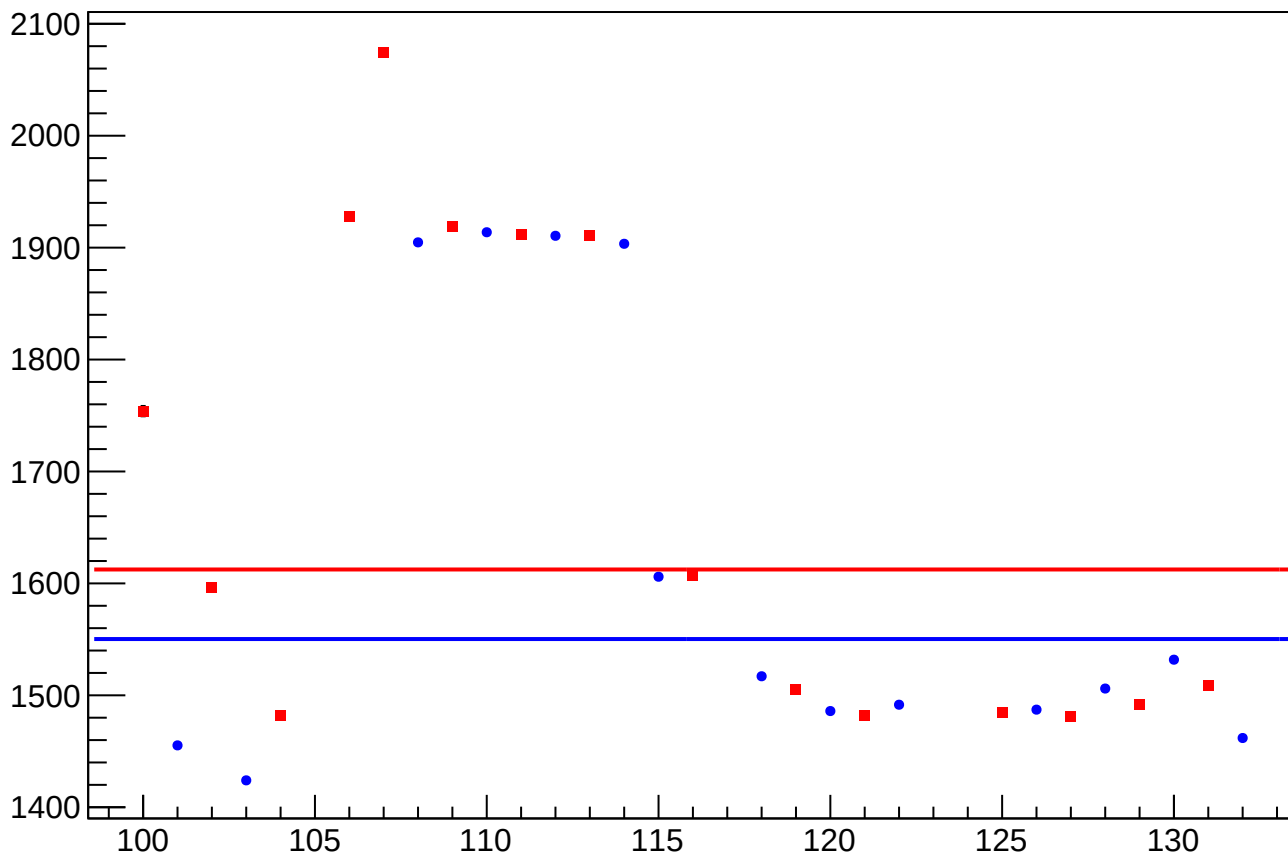
Right: 1893.156+/-456.207 χ^2/NDF : 24.9/28

In: 2052.781+/-637.305 χ^2/NDF : 11.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1893.156+/-456.207 χ^2/NDF : 24.9/28

eigen_cor_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1550.283+/-0.451 χ^2/NDF : 122313.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1612.431+/-0.462 χ^2/NDF : 158135.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

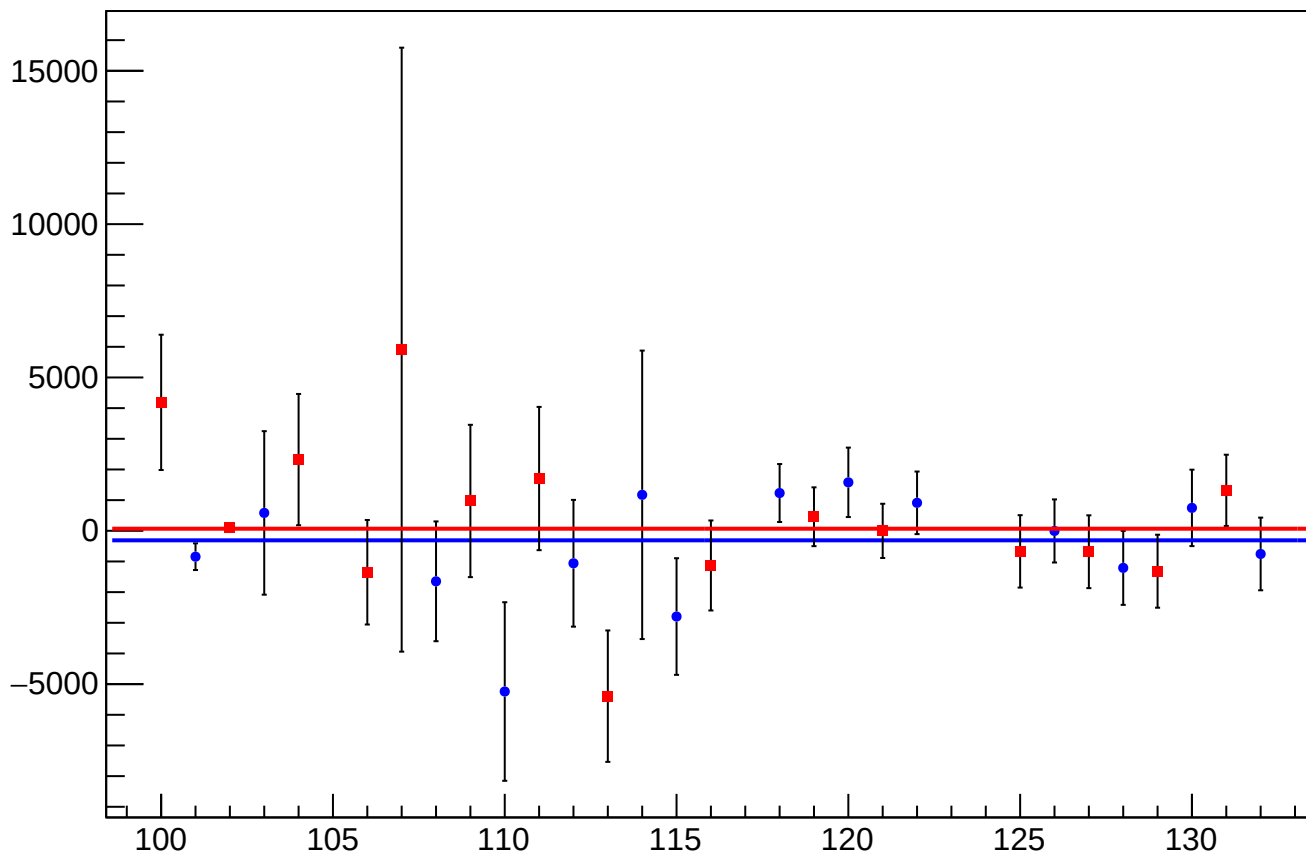
Right: 1580.585+/-0.323 χ^2/NDF : 289723.1/28

In: 1550.283+/-0.451 χ^2/NDF : 122313.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1580.585+/-0.323 χ^2/NDF : 289723.1/28

asym_usl_atl1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -310.816+/-286.288 χ^2/NDF : 15.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.273+/-139.966 χ^2/NDF : 16.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

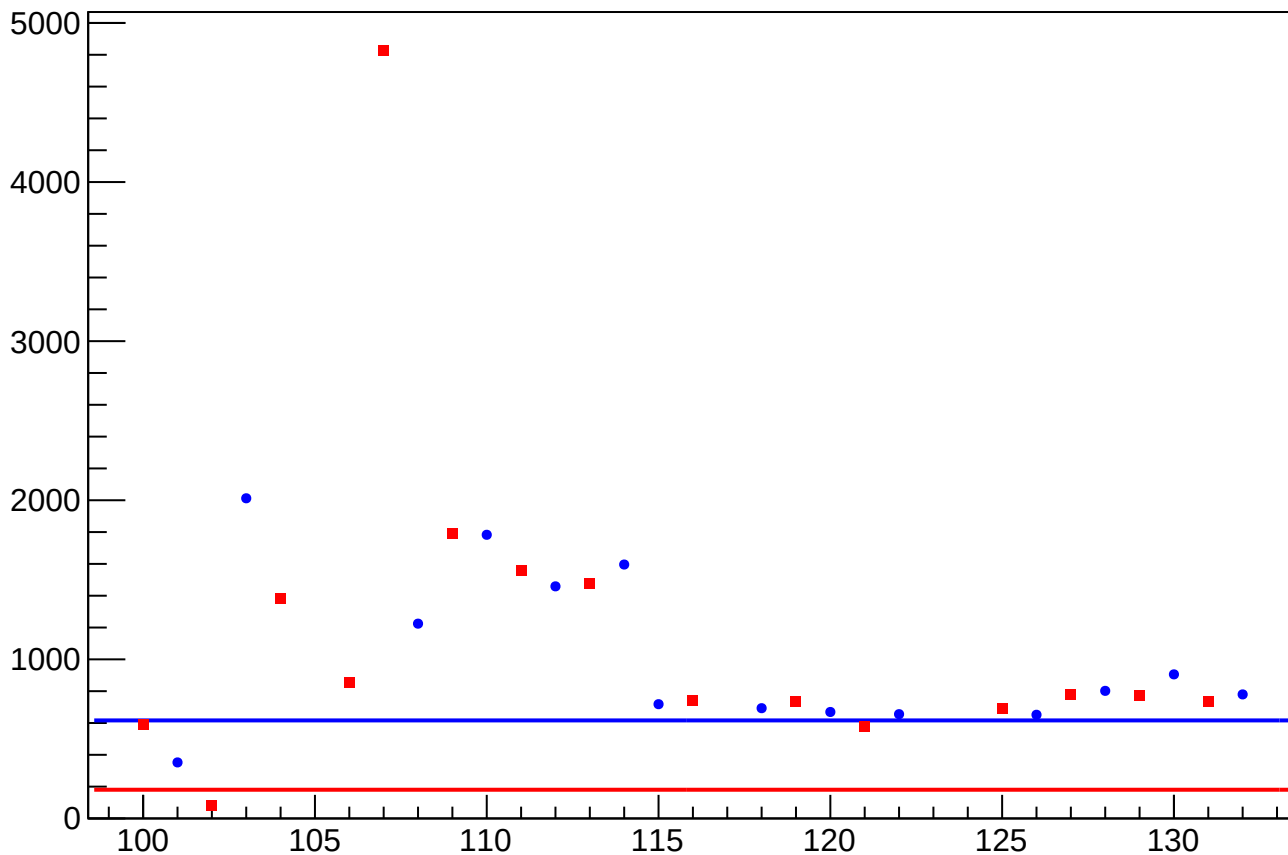
Right: -4.857+/-125.743 χ^2/NDF : 33.6/28

In: -310.816+/-286.288 χ^2/NDF : 15.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.857+/-125.743 χ^2/NDF : 33.6/28

asym_usl_atl1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 616.219+/-0.202 χ^2/NDF : 2440324.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 180.470+/-0.099 χ^2/NDF : 7817394.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

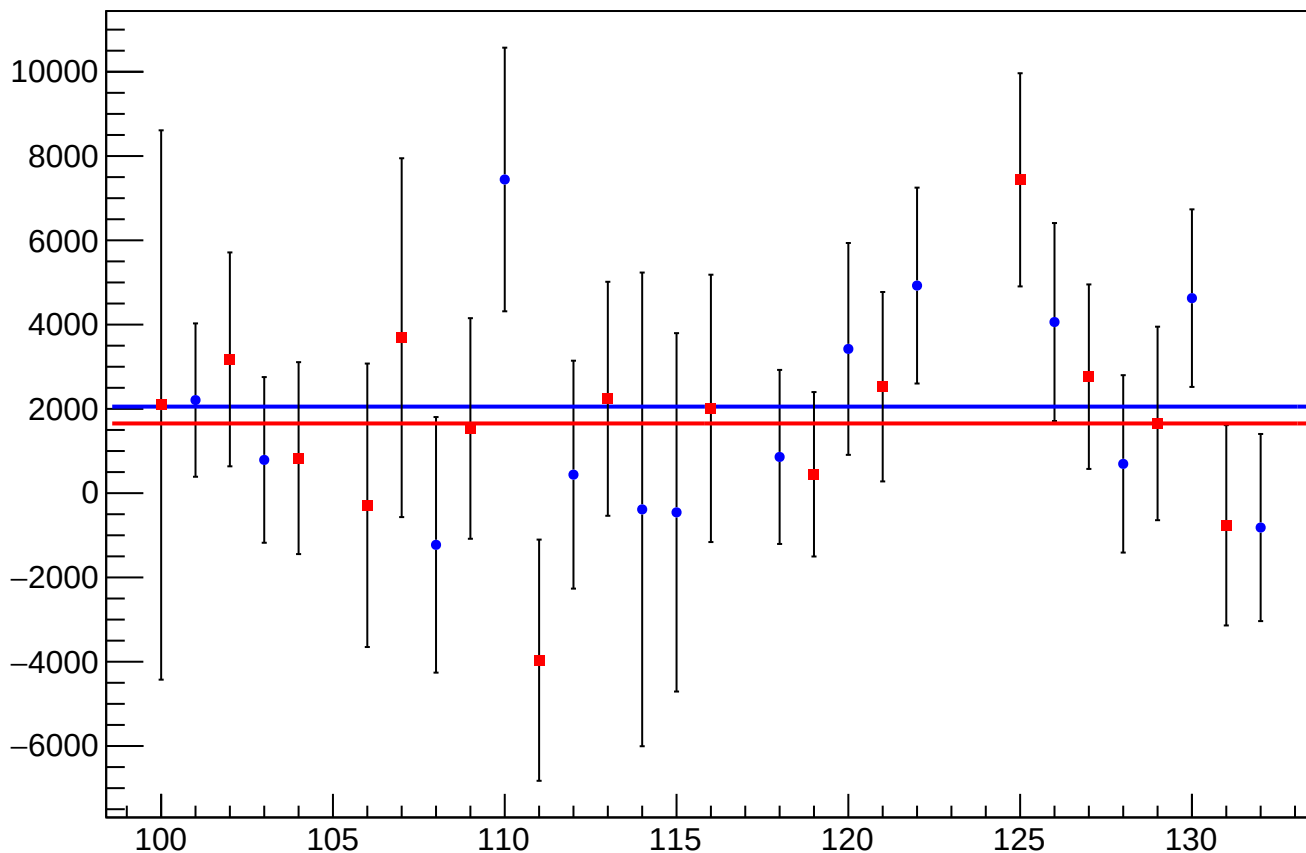
Right: 264.530+/-0.089 χ^2/NDF : 13997249.7/28

In: 616.219+/-0.202 χ^2/NDF : 2440324.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 264.530+/-0.089 χ^2/NDF : 13997249.7/28

dit_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2053.948 $\pm$ 644.385 χ^2 /NDF: 11.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1654.099 $\pm$ 673.490 χ^2 /NDF: 12.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

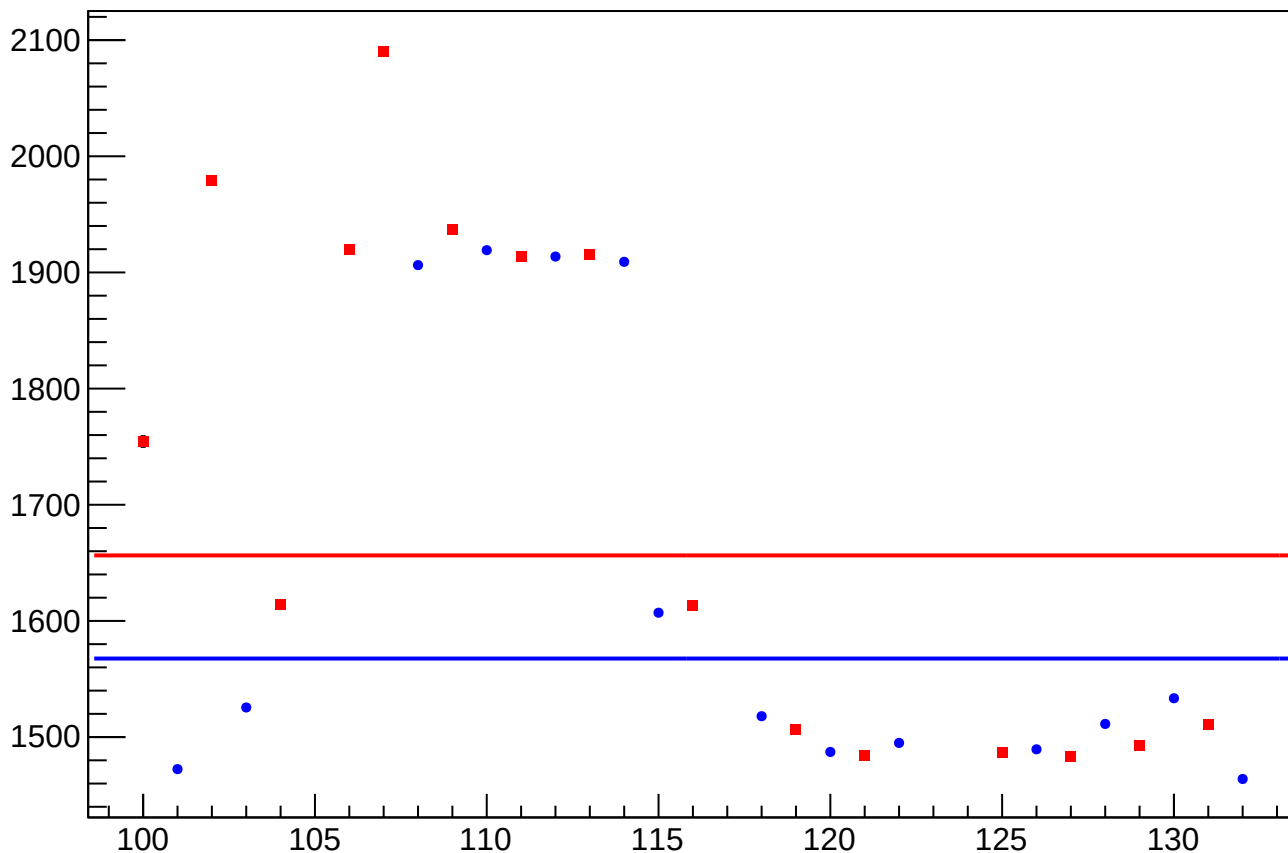
Right: 1862.850 $\pm$ 465.598 χ^2 /NDF: 24.1/28

In: 2053.948 $\pm$ 644.385 χ^2 /NDF:11.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1862.850 $\pm$ 465.598 χ^2 /NDF: 24.1/28

dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1567.621+/-0.456 χ^2/NDF : 110591.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1656.392+/-0.476 χ^2/NDF : 186354.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

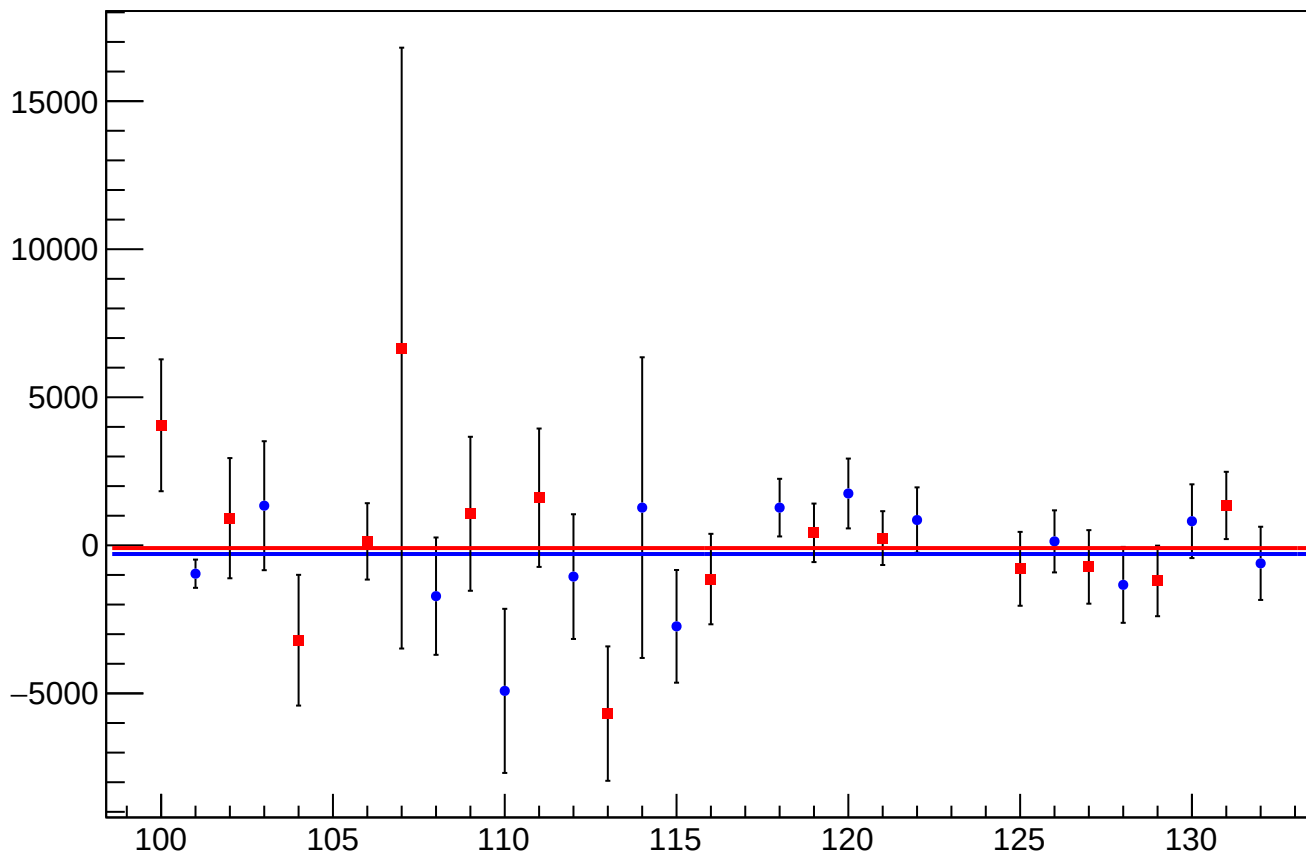
Right: 1610.047+/-0.329 χ^2/NDF : 315086.6/28

In: 1567.621+/-0.456 χ^2/NDF : 110591.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1610.047+/-0.329 χ^2/NDF : 315086.6/28

asym_usl_atl1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -293.212 ± 302.209 χ^2/NDF : 16.0/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -92.556 ± 372.181 χ^2/NDF : 16.9/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

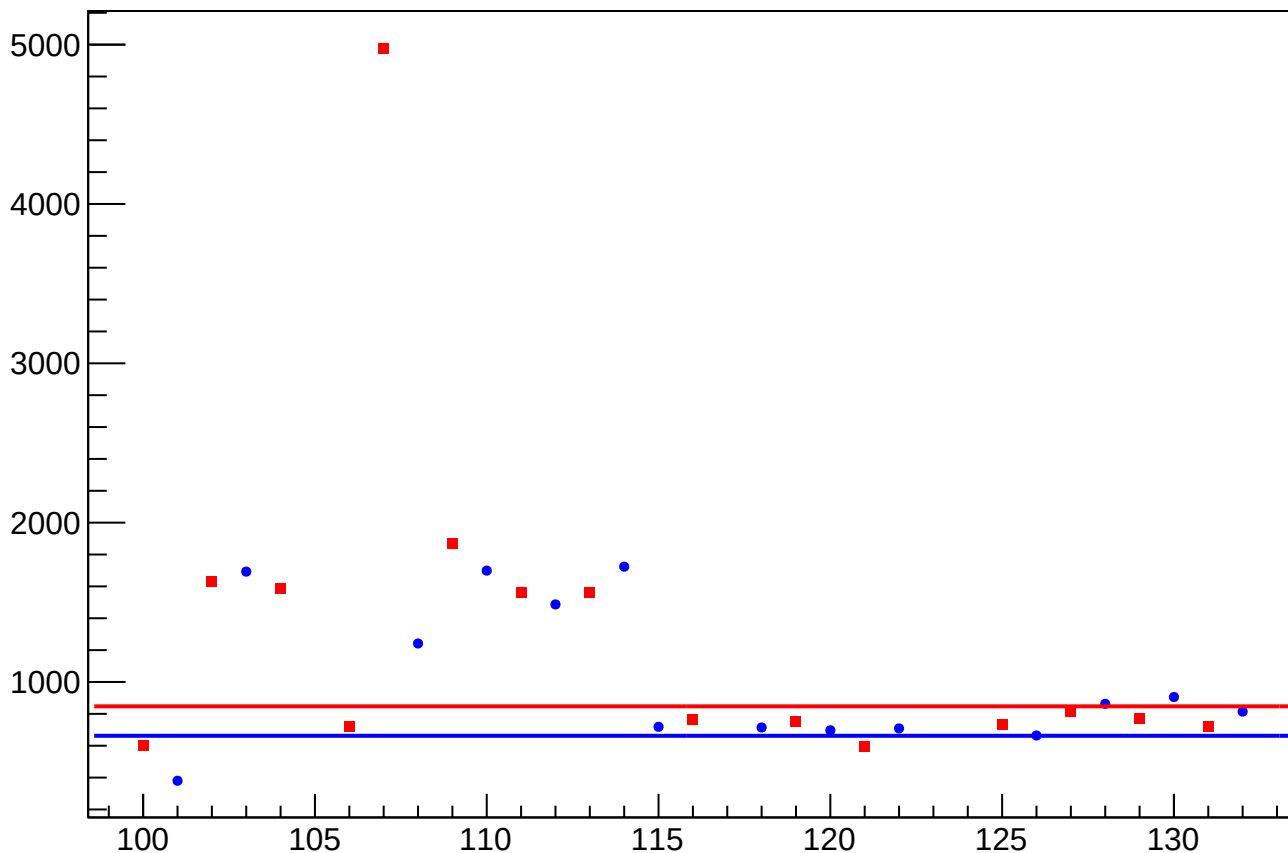
Right: -213.482 ± 234.607 χ^2/NDF : 33.1/28

In: -293.212 ± 302.209 χ^2/NDF : 16.0/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -213.482 ± 234.607 χ^2/NDF : 33.1/28

asym_usl_atl1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 662.311+/-0.214 χ^2/NDF : 2160566.3/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 847.174+/-0.263 χ^2/NDF : 1816283.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

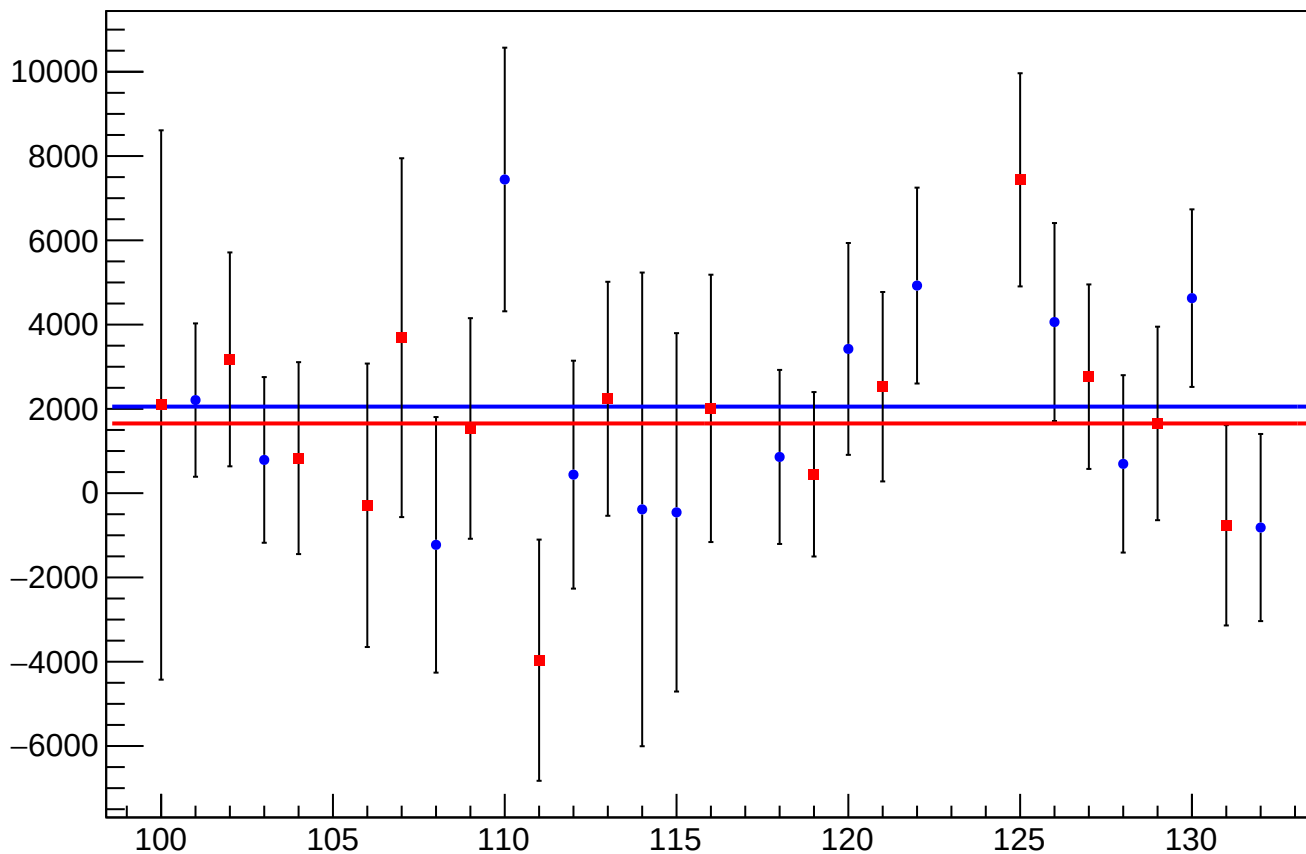
Right: 735.766+/-0.166 χ^2/NDF : 4274214.6/28

In: 662.311+/-0.214 χ^2/NDF :2160566.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 735.766+/-0.166 χ^2/NDF : 4274214.6/28

eigen_dit_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2053.946+/-644.384 χ^2/NDF : 11.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1654.097+/-673.490 χ^2/NDF : 12.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

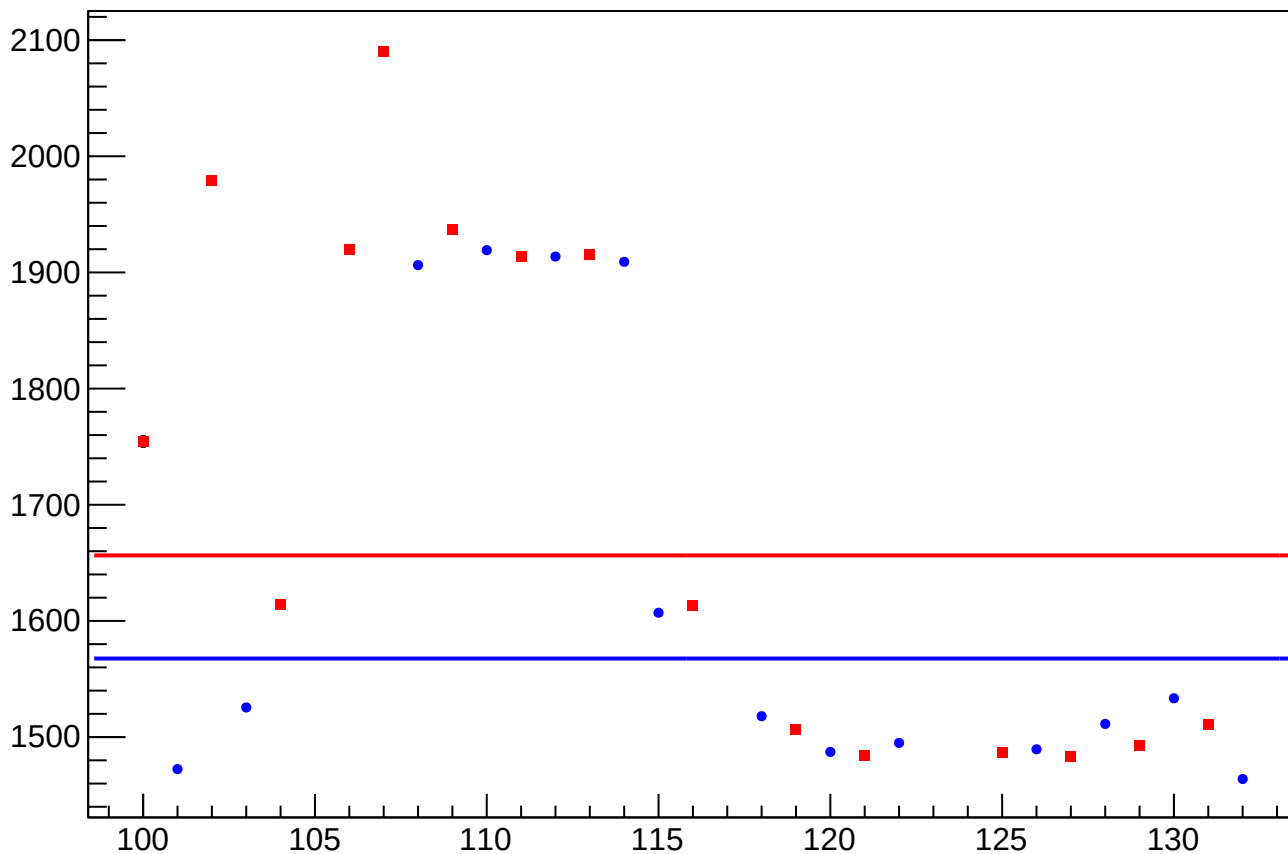
Right: 1862.848+/-465.598 χ^2/NDF : 24.1/28

In: 2053.946+/-644.384 χ^2/NDF : 11.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1862.848+/-465.598 χ^2/NDF : 24.1/28

eigen_dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1567.620+/-0.456 χ^2/NDF : 110592.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1656.392+/-0.476 χ^2/NDF : 186354.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

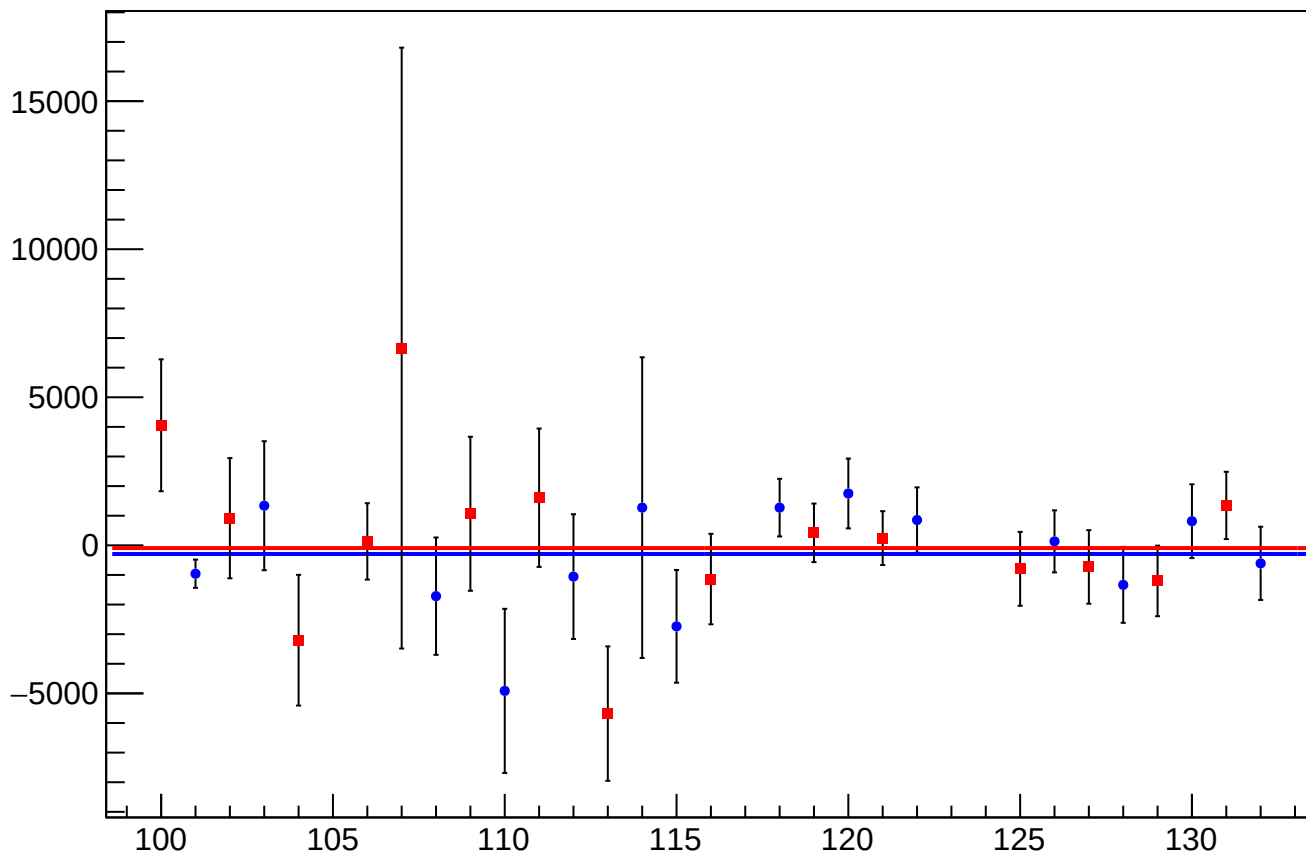
Right: 1610.046+/-0.329 χ^2/NDF : 315086.6/28

In: 1567.620+/-0.456 χ^2/NDF : 110592.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1610.046+/-0.329 χ^2/NDF : 315086.6/28

asym_usl_atl1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -293.211+/-302.209 χ^2/NDF : 16.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -92.555+/-372.180 χ^2/NDF : 16.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

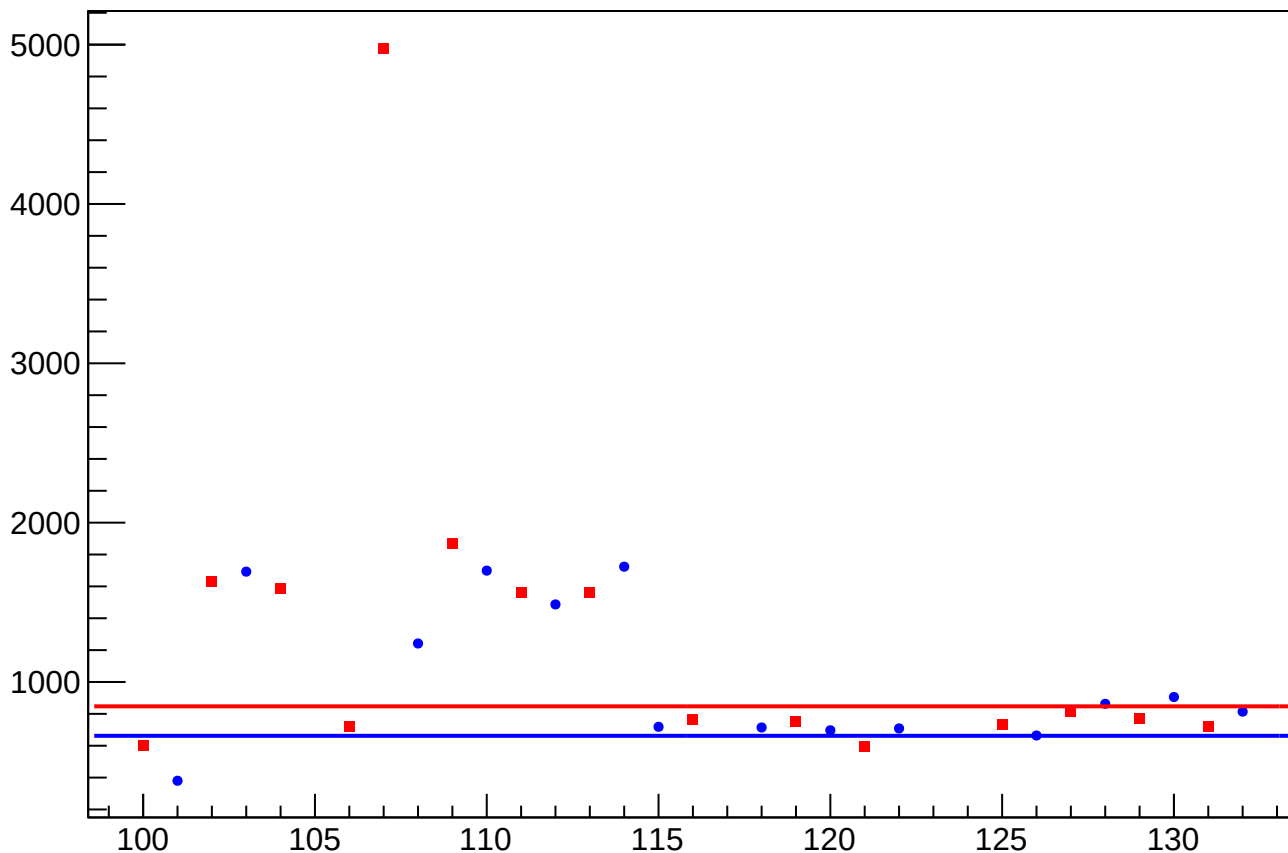
Right: -213.481+/-234.606 χ^2/NDF : 33.1/28

In: -293.211+/-302.209 χ^2/NDF :16.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -213.481+/-234.606 χ^2/NDF : 33.1/28

asym_usl_atl1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 662.311+/-0.214 χ^2/NDF : 2160558.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 847.173+/-0.263 χ^2/NDF : 1816291.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

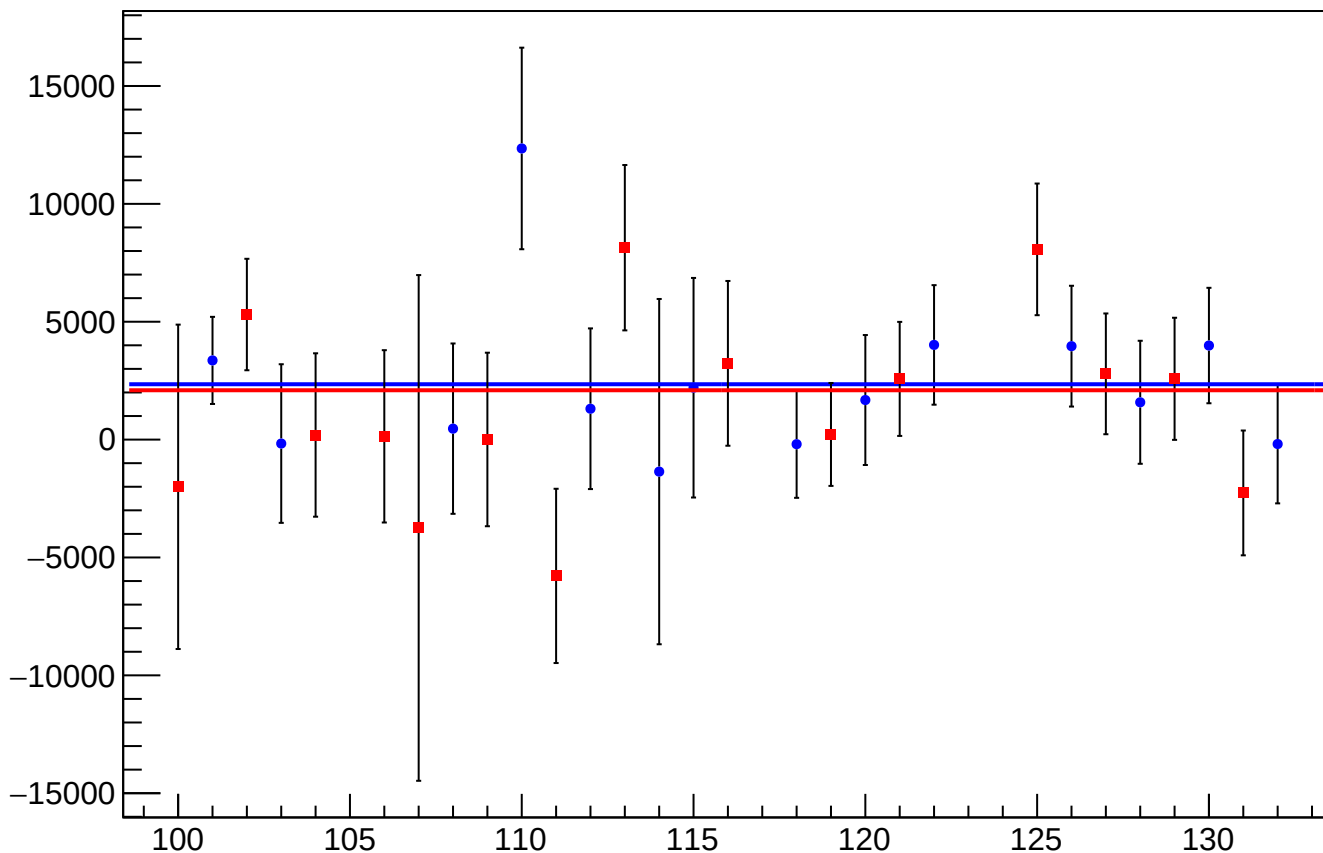
Right: 735.766+/-0.166 χ^2/NDF : 4274209.2/28

In: 662.311+/-0.214 χ^2/NDF :2160558.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 735.766+/-0.166 χ^2/NDF : 4274209.2/28

asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2348.329+/-752.225 χ^2/NDF : 10.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2093.258+/-783.188 χ^2/NDF : 19.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

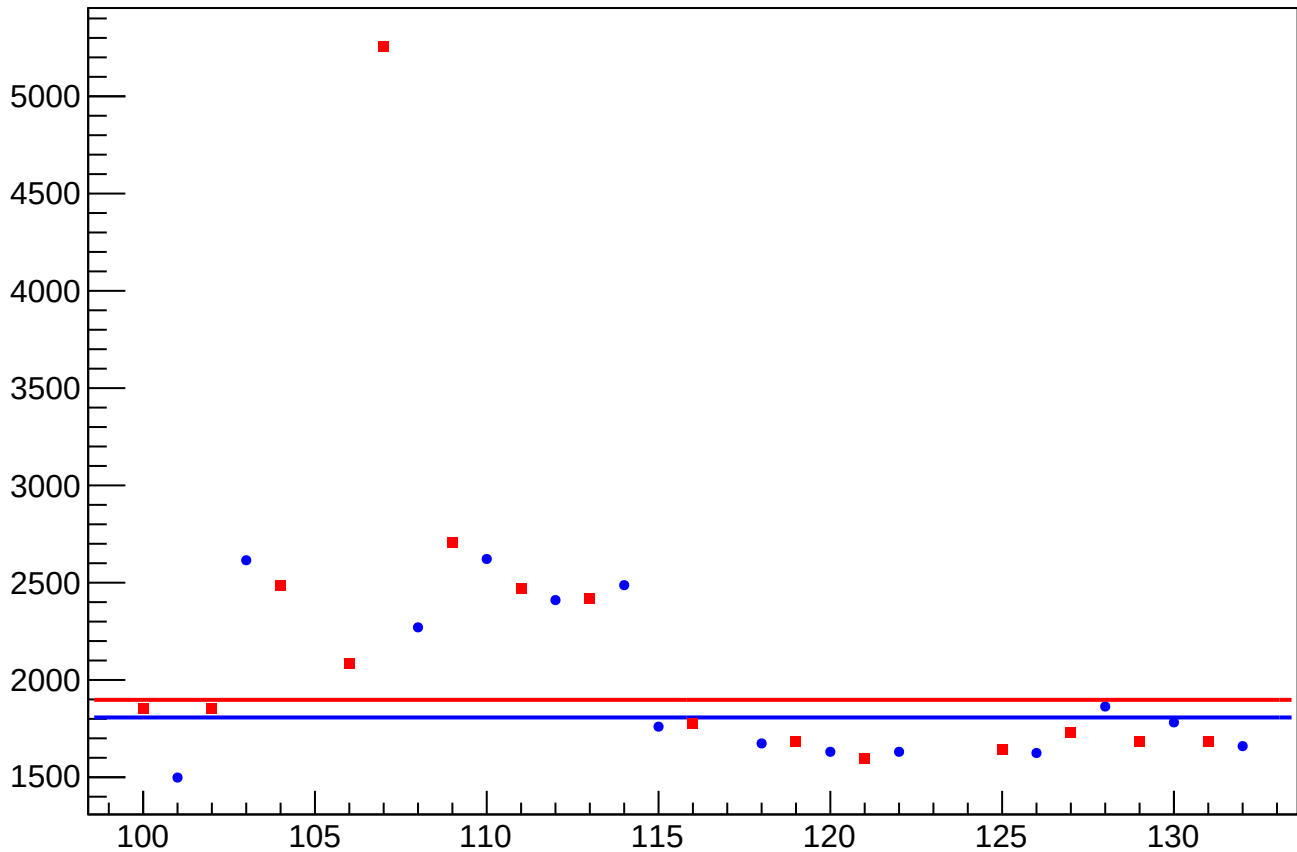
Right: 2225.936+/-542.520 χ^2/NDF : 29.9/28

In: 2348.329+/-752.225 χ^2/NDF : 10.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2225.936+/-542.520 χ^2/NDF : 29.9/28

asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1807.256+/-0.532 χ^2/NDF : 399773.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1897.836+/-0.554 χ^2/NDF : 553986.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

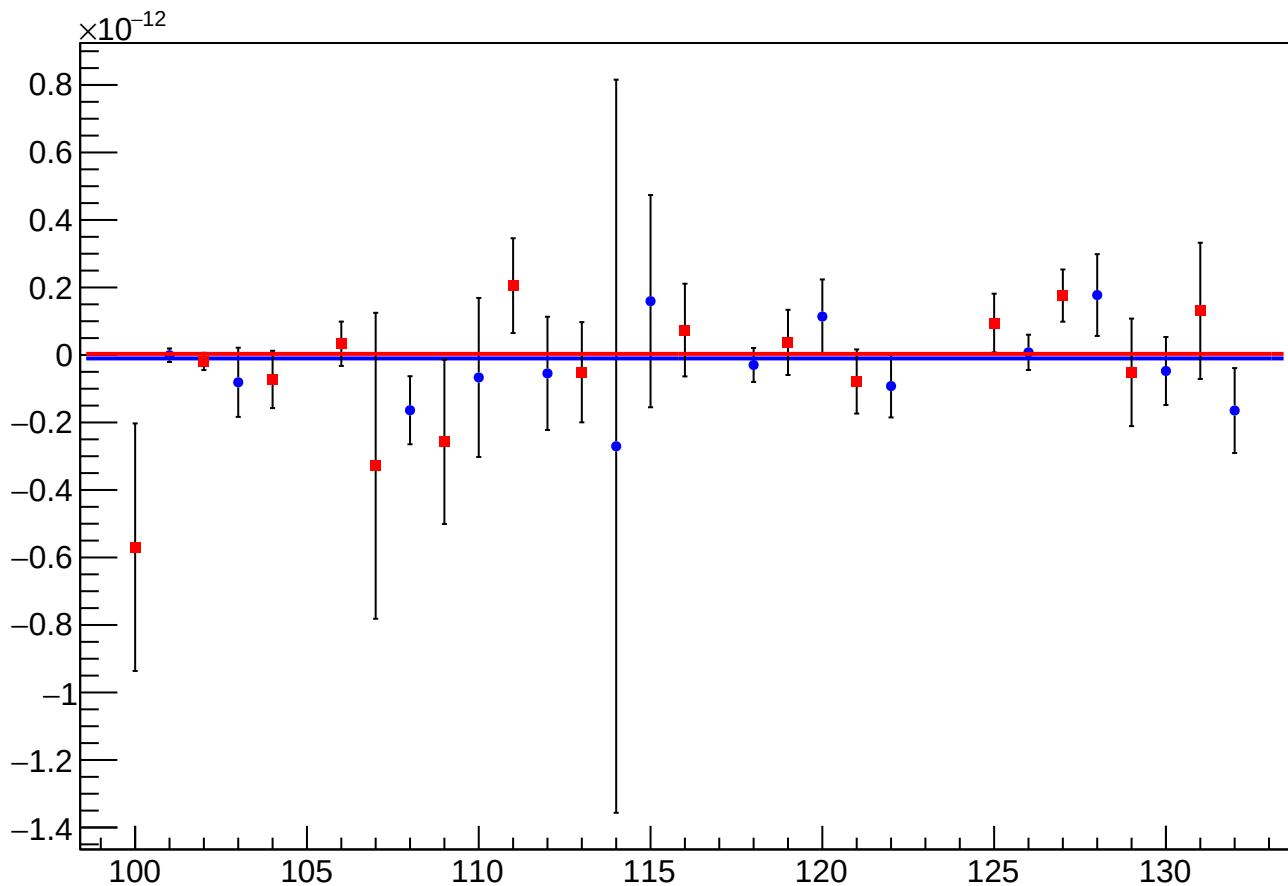
Right: 1850.720+/-0.384 χ^2/NDF : 967676.0/28

In: 1807.256+/-0.532 χ^2/NDF : 399773.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1850.720+/-0.384 χ^2/NDF : 967676.0/28

asym_usl_atl1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.9/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

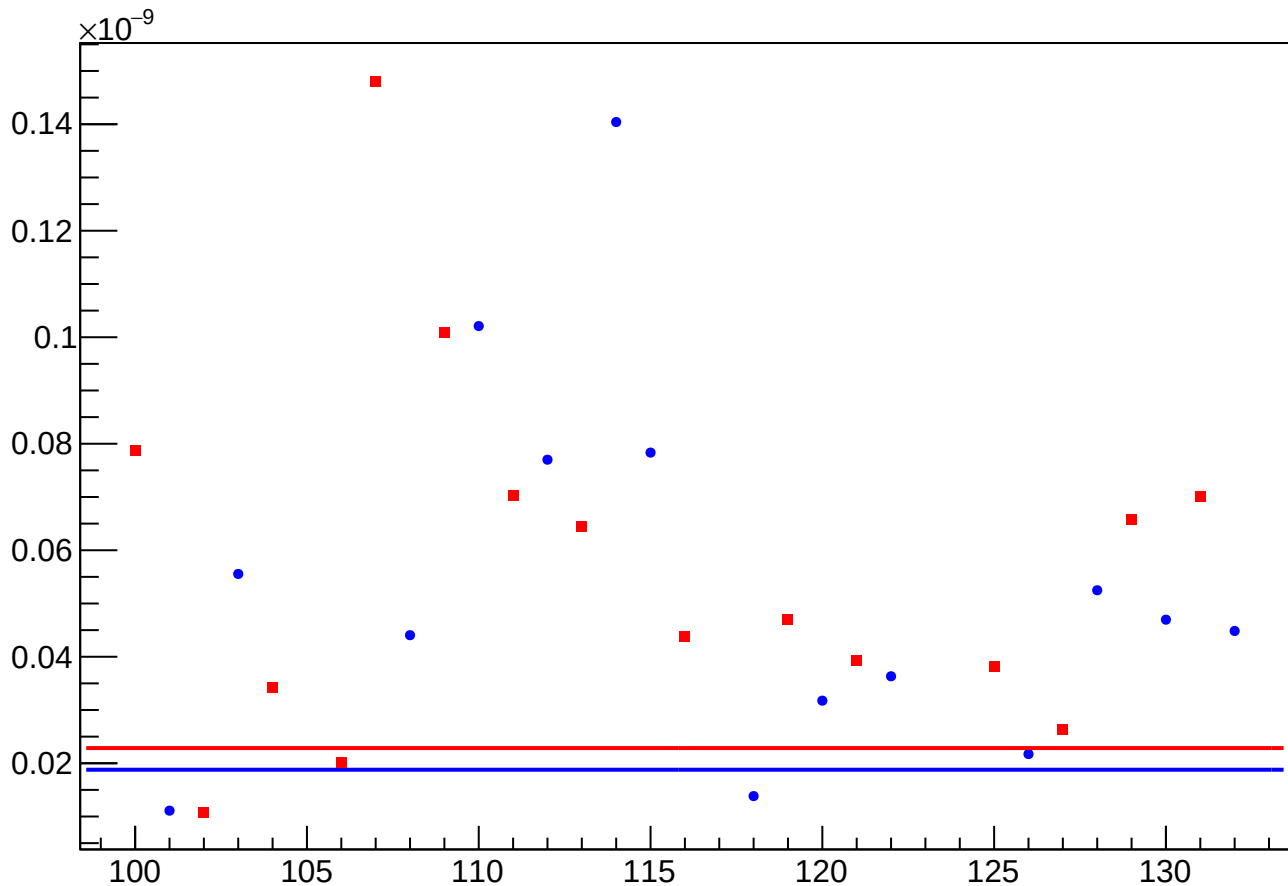
Right: -0.000+/-0.000 χ^2/NDF : 26.0/28

In: -0.000+/-0.000 χ^2/NDF :9.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.0/28

asym_usl_atl1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1788451.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1832945.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

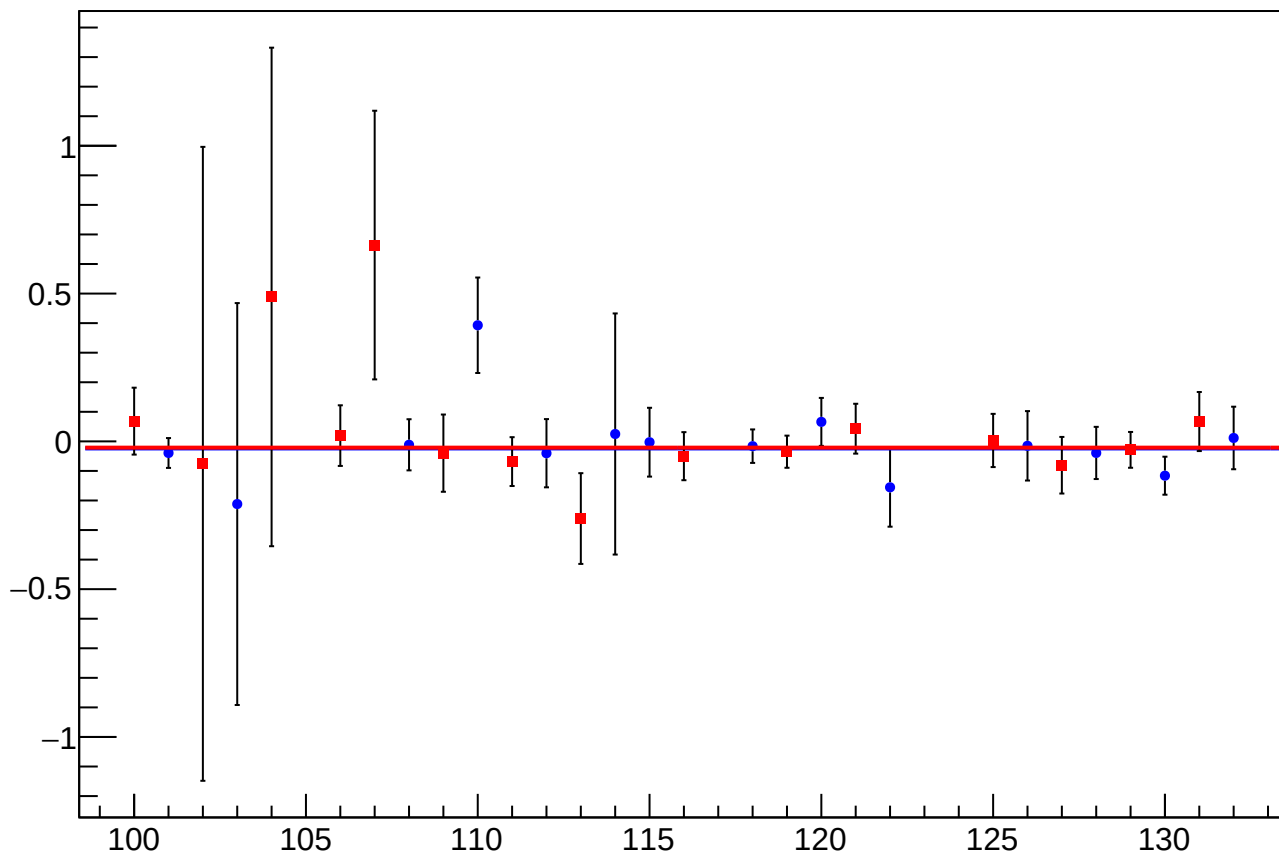
Right: 0.000+/-0.000 χ^2/NDF : 3674028.8/28

In: 0.000+/-0.000 χ^2/NDF : 1788451.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3674028.8/28

asym_usl_atl1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024+/-0.024 χ^2 /NDF: 11.3/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.021+/-0.025 χ^2 /NDF: 8.2/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

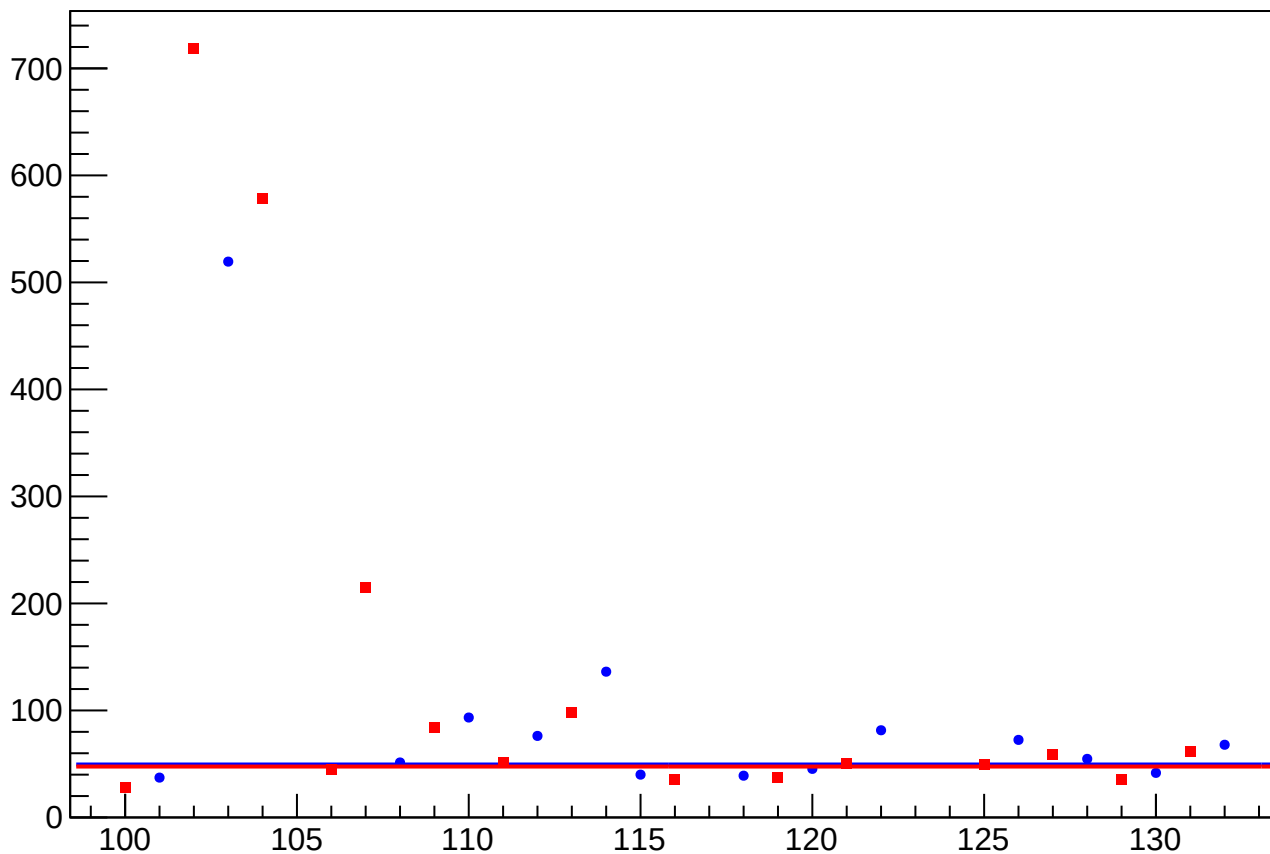
Right: -0.023+/-0.017 χ^2 /NDF: 19.6/28

In: -0.024+/-0.024 χ^2 /NDF:11.3/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.023+/-0.017 χ^2 /NDF: 19.6/28

asym_usl_atl1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.482+/-0.017 χ^2/NDF : 1795728.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.568+/-0.017 χ^2/NDF : 2544252.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

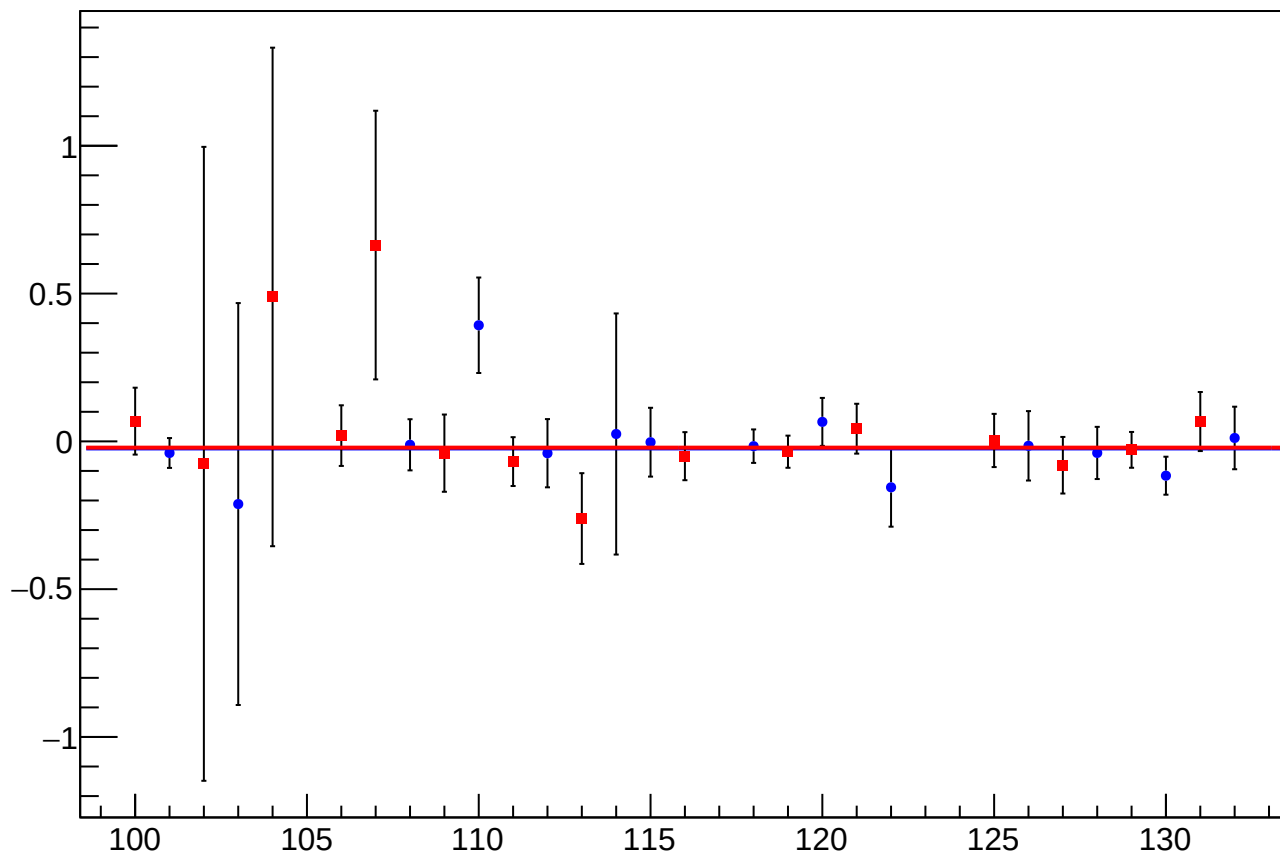
Right: 48.556+/-0.012 χ^2/NDF : 4346269.7/28

In: 49.482+/-0.017 χ^2/NDF : 1795728.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.556+/-0.012 χ^2/NDF : 4346269.7/28

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024+/-0.024 χ^2 /NDF: 11.3/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.021+/-0.025 χ^2 /NDF: 8.2/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

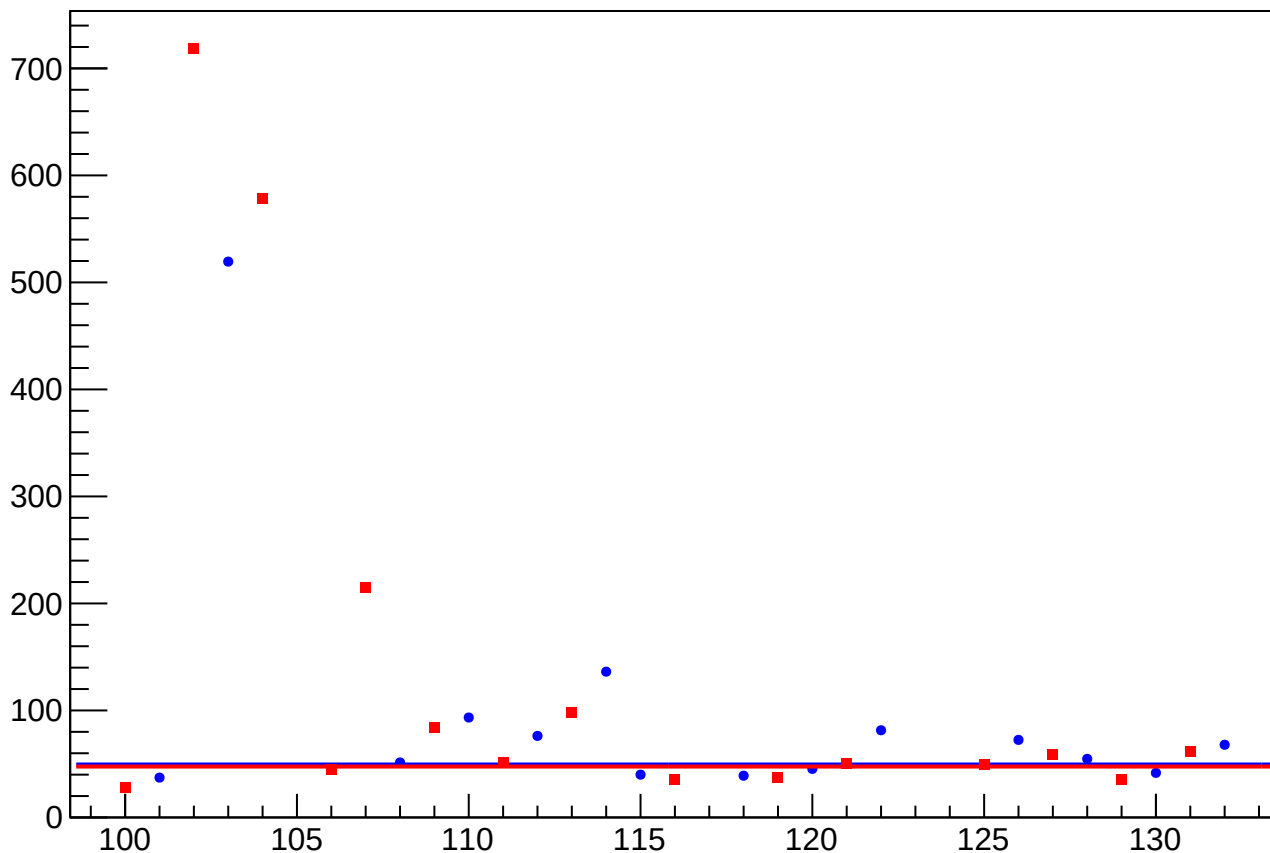
Right: -0.023+/-0.017 χ^2 /NDF: 19.6/28

In: -0.024+/-0.024 χ^2 /NDF:11.3/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.023+/-0.017 χ^2 /NDF: 19.6/28

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.482+/-0.017 χ^2/NDF : 1795728.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.568+/-0.017 χ^2/NDF : 2544252.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

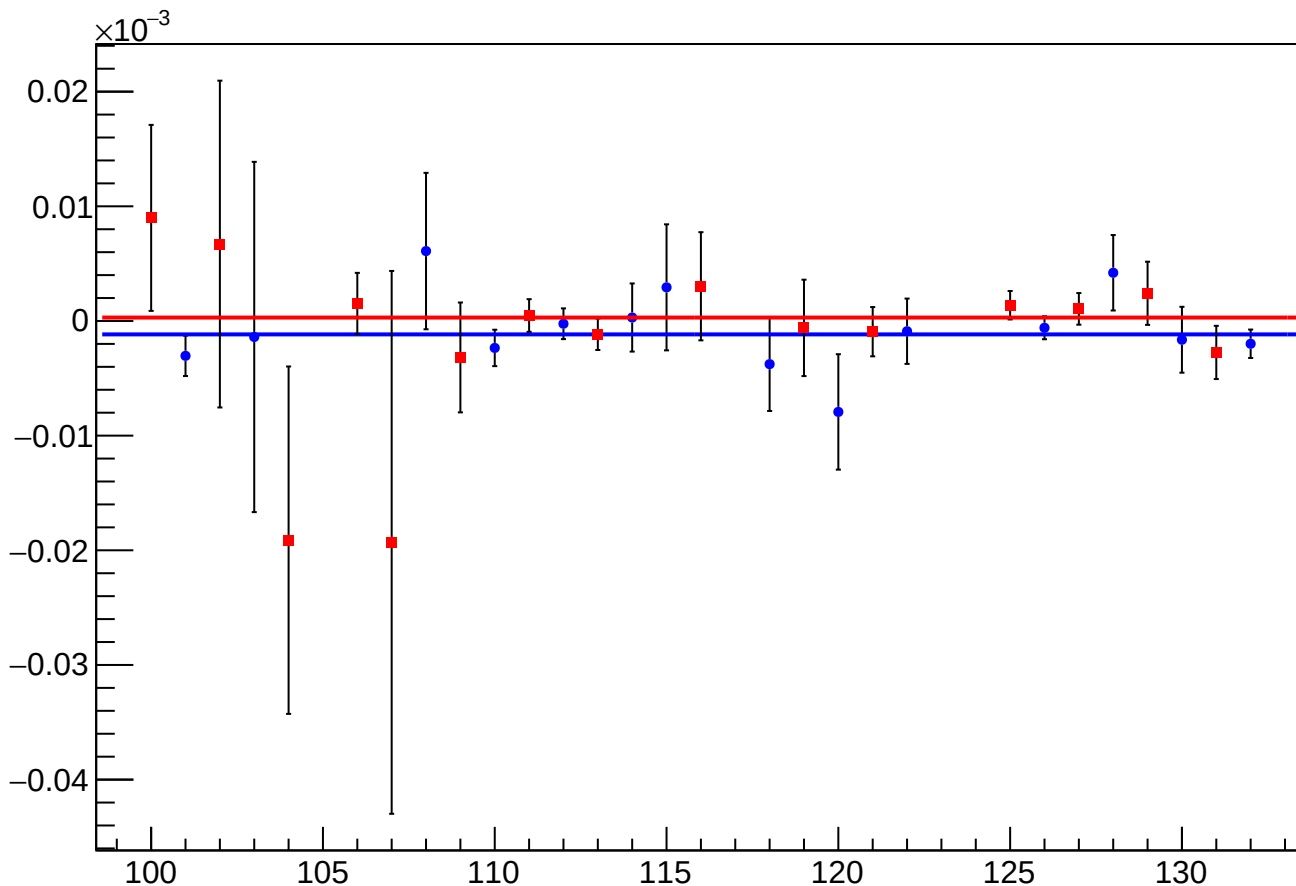
Right: 48.556+/-0.012 χ^2/NDF : 4346269.7/28

In: 49.482+/-0.017 χ^2/NDF : 1795728.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.556+/-0.012 χ^2/NDF : 4346269.7/28

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

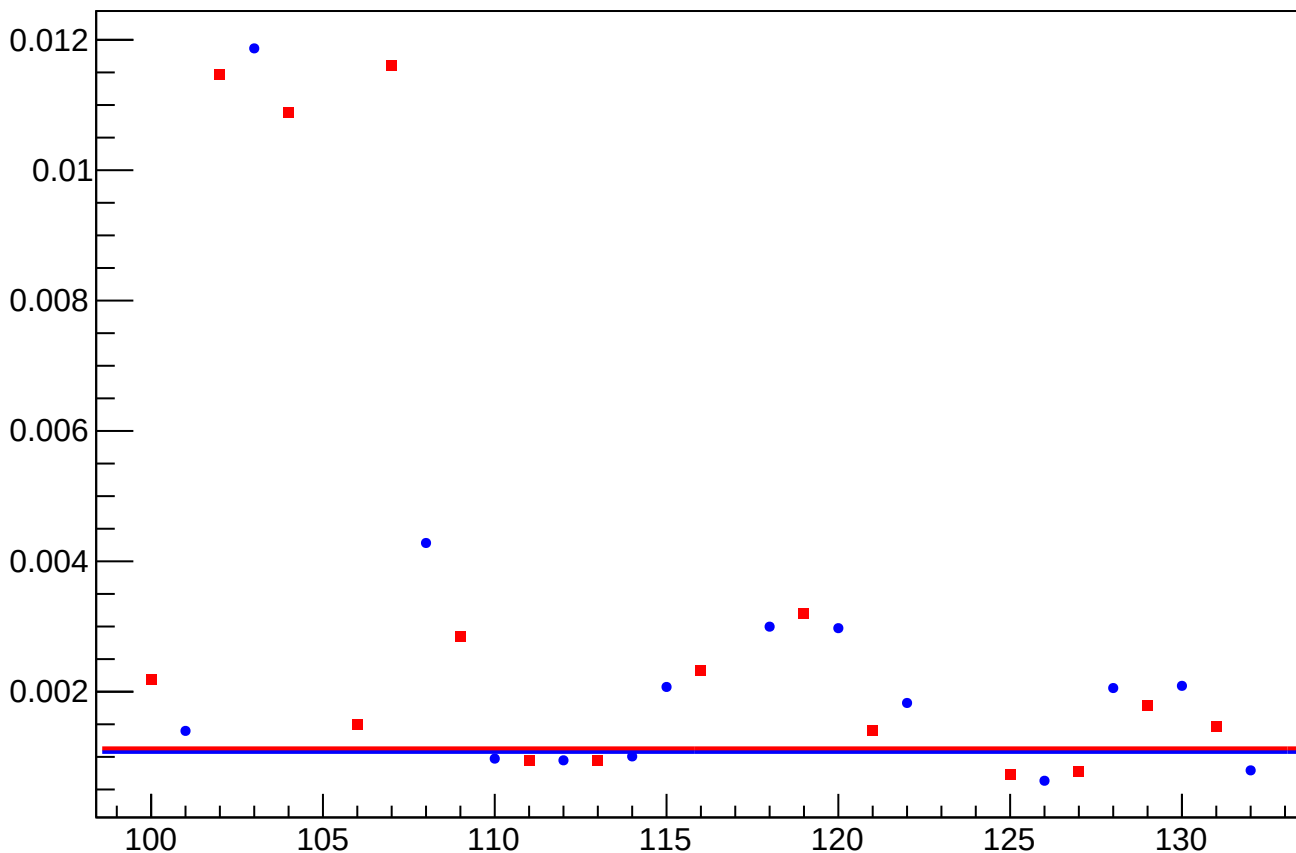
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 22.9/28

In: -0.000 $\pm$ 0.000 χ^2 /NDF:9.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 22.9/28

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 3388219.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3807978.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

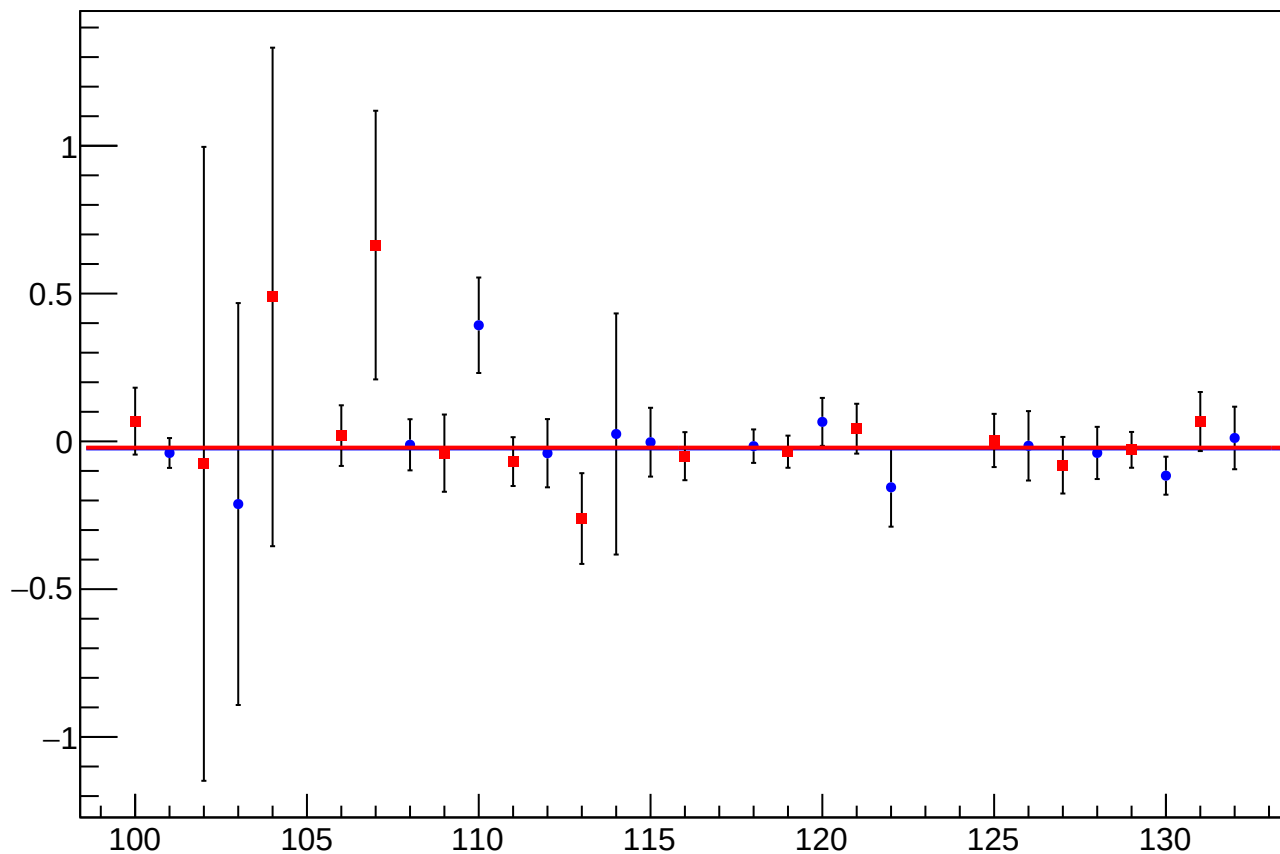
Right: 0.001+/-0.000 χ^2/NDF : 7205696.1/28

In: 0.001+/-0.000 χ^2/NDF :3388219.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 7205696.1/28

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024+/-0.024 χ^2 /NDF: 11.3/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.021+/-0.025 χ^2 /NDF: 8.2/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

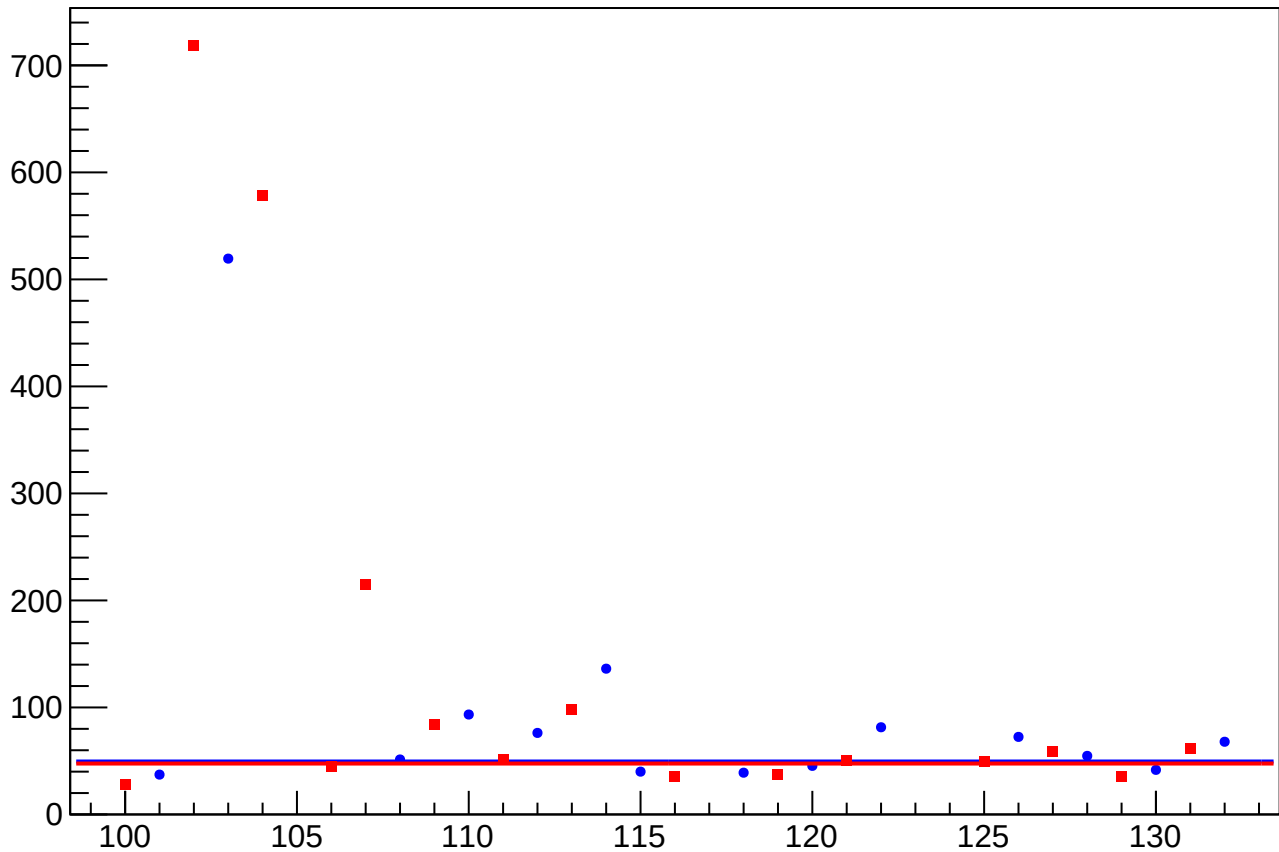
Right: -0.023+/-0.017 χ^2 /NDF: 19.6/28

In: -0.024+/-0.024 χ^2 /NDF:11.3/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.023+/-0.017 χ^2 /NDF: 19.6/28

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.482+/-0.017 χ^2/NDF : 1795721.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.568+/-0.017 χ^2/NDF : 2544241.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

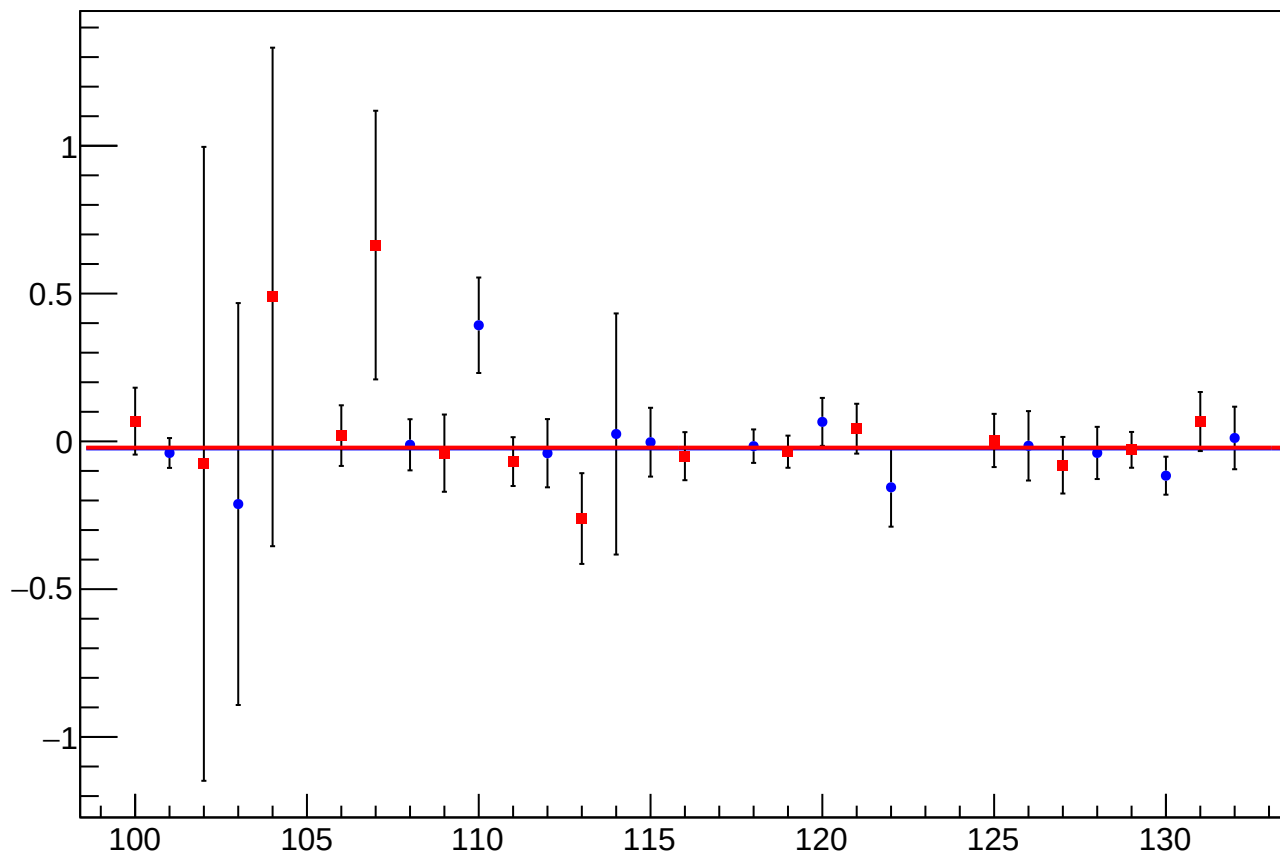
Right: 48.556+/-0.012 χ^2/NDF : 4346252.4/28

In: 49.482+/-0.017 χ^2/NDF : 1795721.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.556+/-0.012 χ^2/NDF : 4346252.4/28

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024+/-0.024 χ^2 /NDF: 11.3/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.021+/-0.025 χ^2 /NDF: 8.2/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

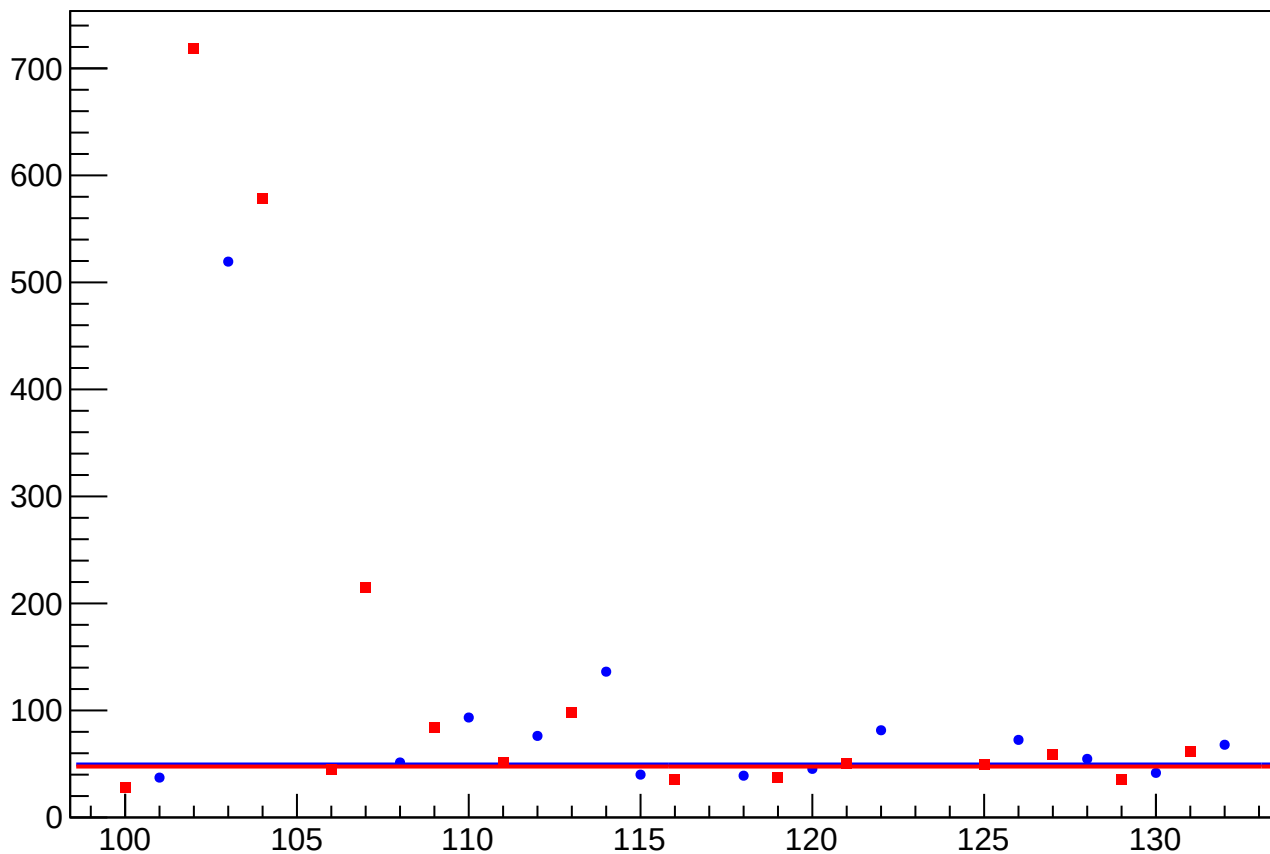
Right: -0.023+/-0.017 χ^2 /NDF: 19.6/28

In: -0.024+/-0.024 χ^2 /NDF:11.3/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.023+/-0.017 χ^2 /NDF: 19.6/28

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.482+/-0.017 χ^2/NDF : 1795721.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.568+/-0.017 χ^2/NDF : 2544241.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

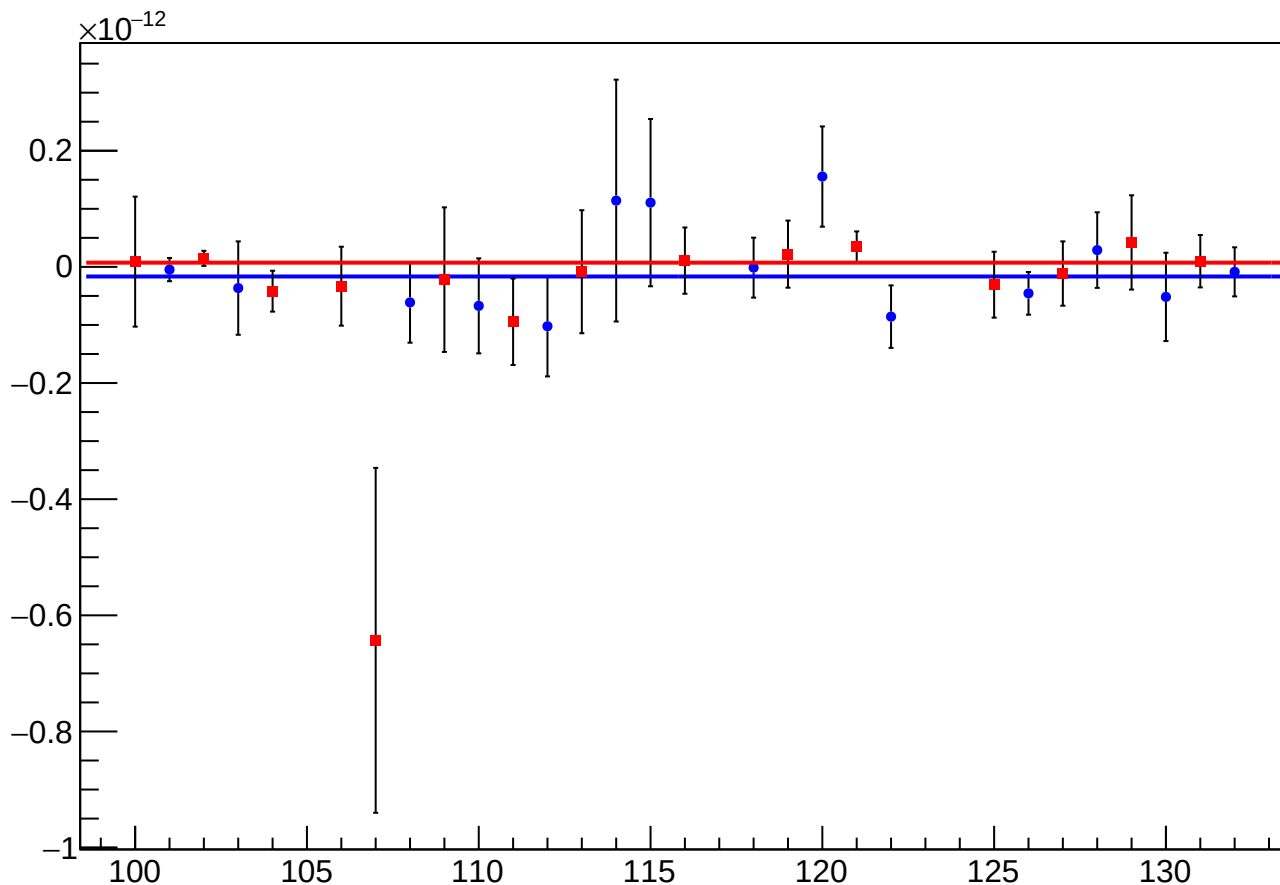
Right: 48.556+/-0.012 χ^2/NDF : 4346252.4/28

In: 49.482+/-0.017 χ^2/NDF : 1795721.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.556+/-0.012 χ^2/NDF : 4346252.4/28

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

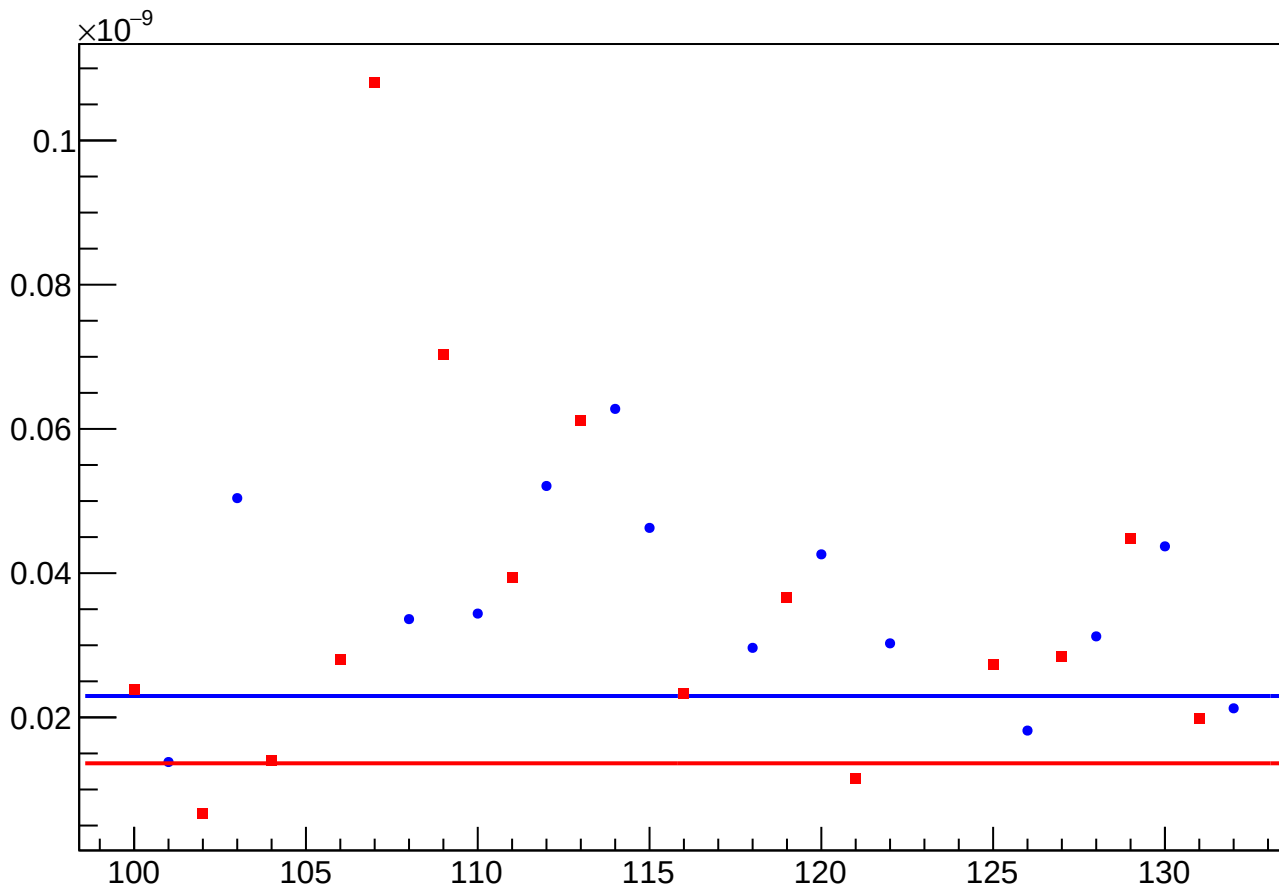
Right: -0.000+/-0.000 χ^2/NDF : 23.8/28

In: -0.000+/-0.000 χ^2/NDF : 10.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.8/28

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1481862.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2927781.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

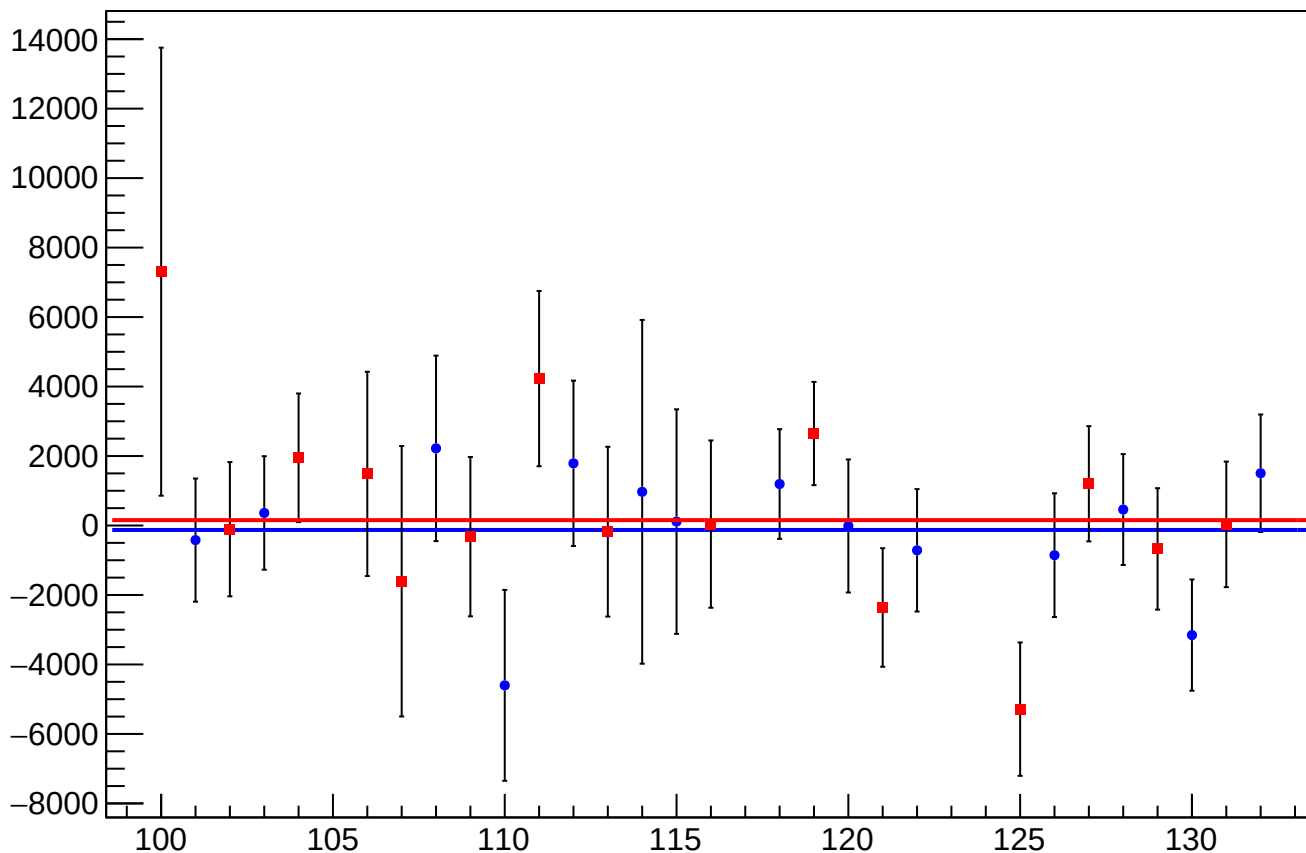
Right: 0.000+/-0.000 χ^2/NDF : 5062778.1/28

In: 0.000+/-0.000 χ^2/NDF : 1481862.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5062778.1/28

reg_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -128.080+/-518.333 χ^2/NDF : 9.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.057+/-533.225 χ^2/NDF : 18.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

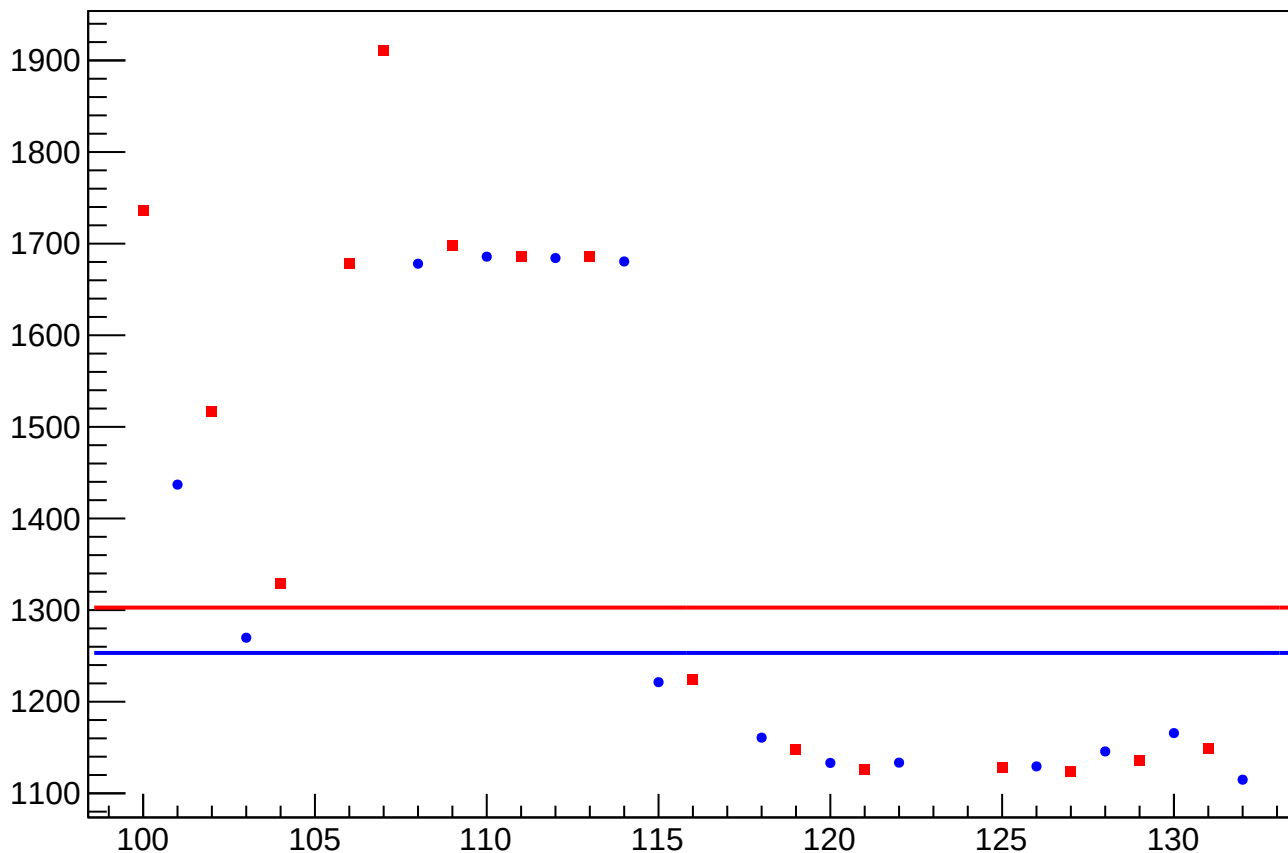
Right: 8.994+/-371.670 χ^2/NDF : 28.9/28

In: -128.080+/-518.333 χ^2/NDF : 9.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.994+/-371.670 χ^2/NDF : 28.9/28

reg_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1253.250+/-0.367 χ^2/NDF : 264690.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1302.774+/-0.377 χ^2/NDF : 388308.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

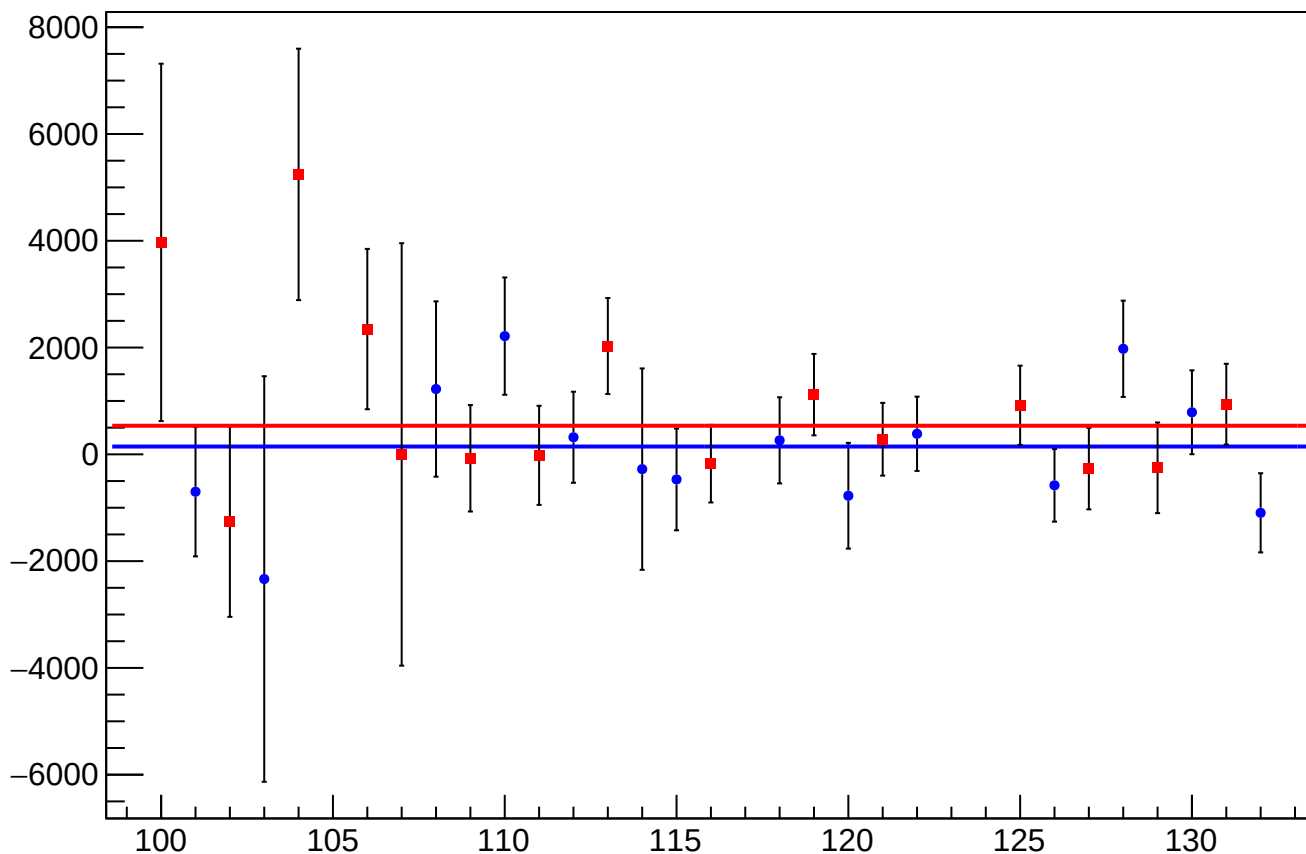
Right: 1277.311+/-0.263 χ^2/NDF : 661869.1/28

In: 1253.250+/-0.367 χ^2/NDF : 264690.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1277.311+/-0.263 χ^2/NDF : 661869.1/28

asym_usl_atl1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 146.125+/-248.753 χ^2/NDF : 15.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 535.647+/-243.004 χ^2/NDF : 15.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

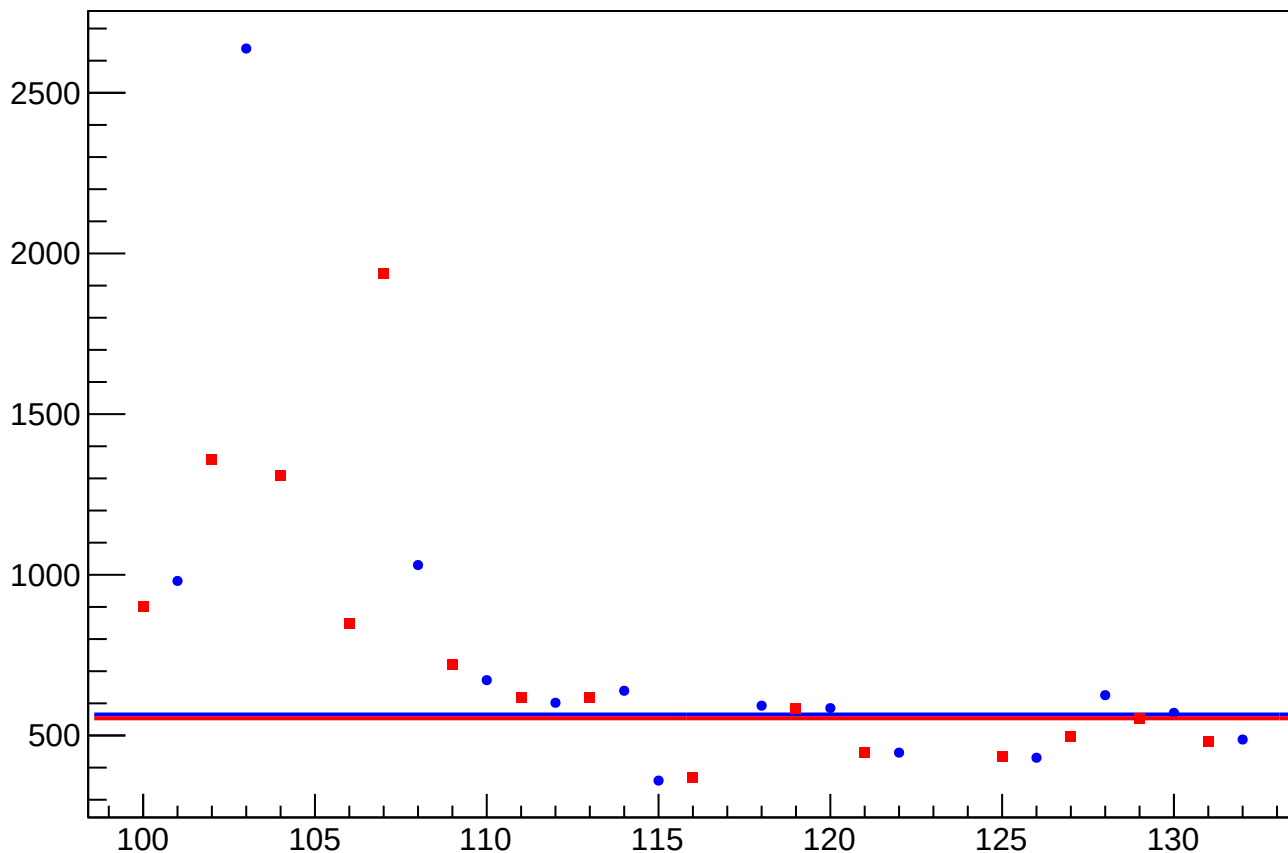
Right: 345.439+/-173.827 χ^2/NDF : 31.6/28

In: 146.125+/-248.753 χ^2/NDF : 15.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 345.439+/-173.827 χ^2/NDF : 31.6/28

asym_usl_atl1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 565.234+/-0.176 χ^2/NDF : 1281163.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 553.352+/-0.172 χ^2/NDF : 1298603.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

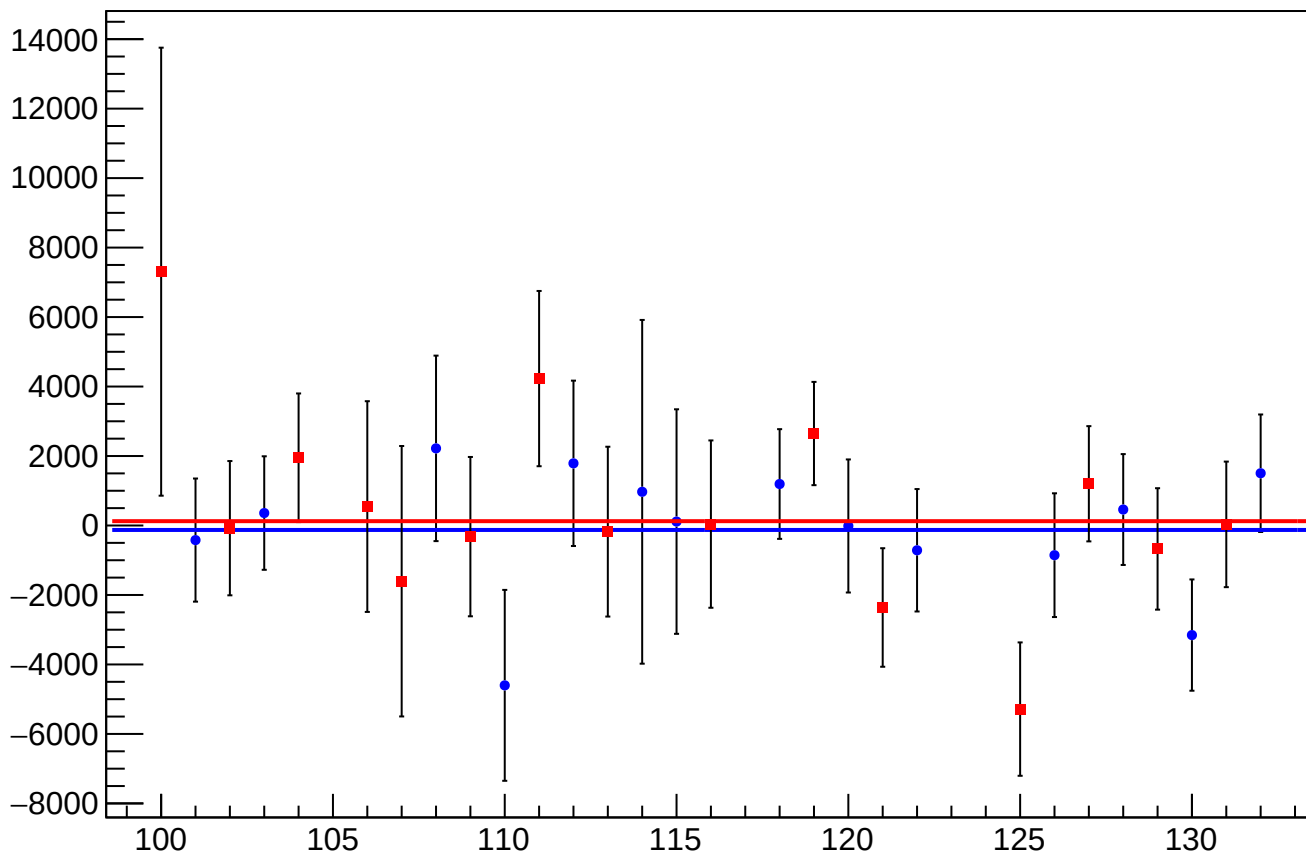
Right: 559.154+/-0.123 χ^2/NDF : 2582102.1/28

In: 565.234+/-0.176 χ^2/NDF : 1281163.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 559.154+/-0.123 χ^2/NDF : 2582102.1/28

cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -128.341+/-518.333 χ^2/NDF : 9.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.634+/-533.757 χ^2/NDF : 18.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

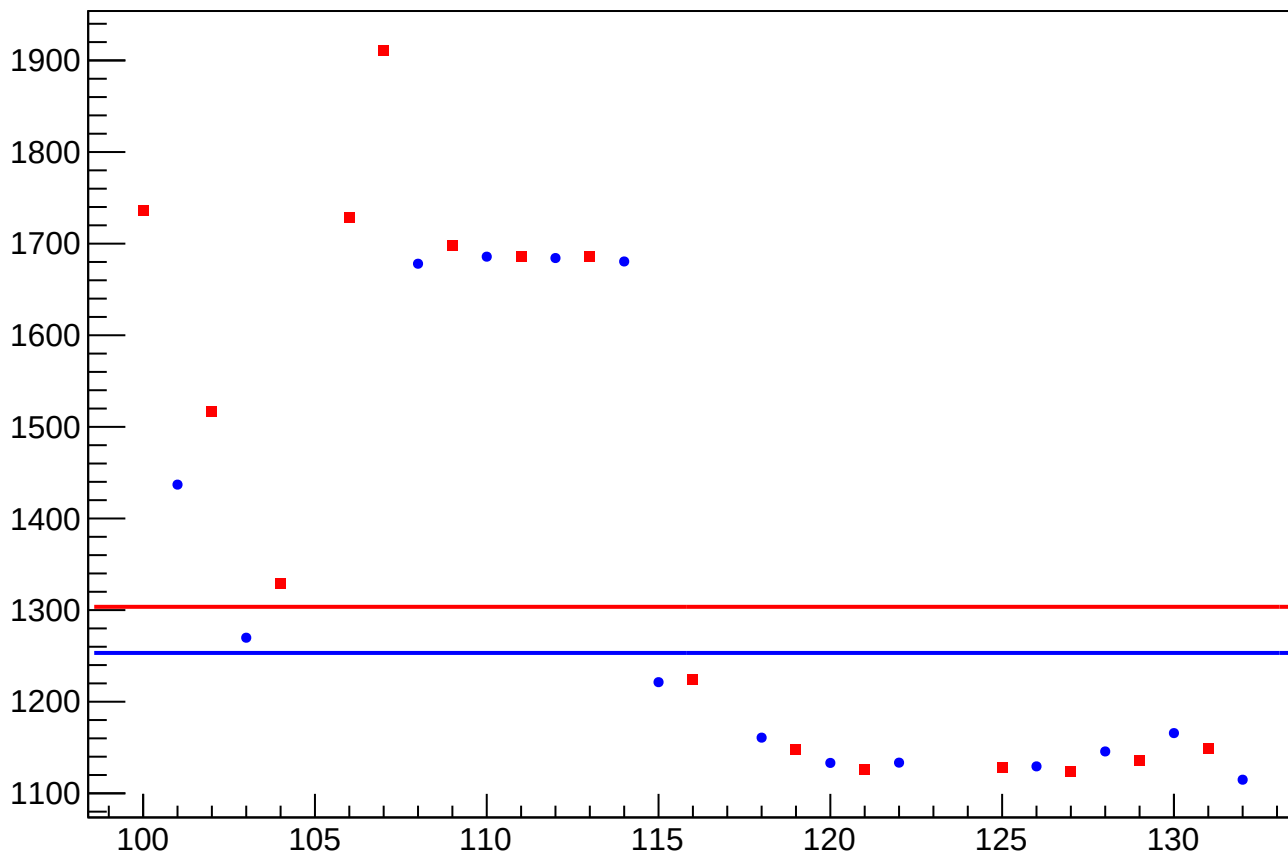
Right: -5.561+/-371.850 χ^2/NDF : 28.7/28

In: -128.341+/-518.333 χ^2/NDF : 9.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.561+/-371.850 χ^2/NDF : 28.7/28

cor_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1253.250+/-0.367 χ^2/NDF : 264690.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1303.582+/-0.377 χ^2/NDF : 395053.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

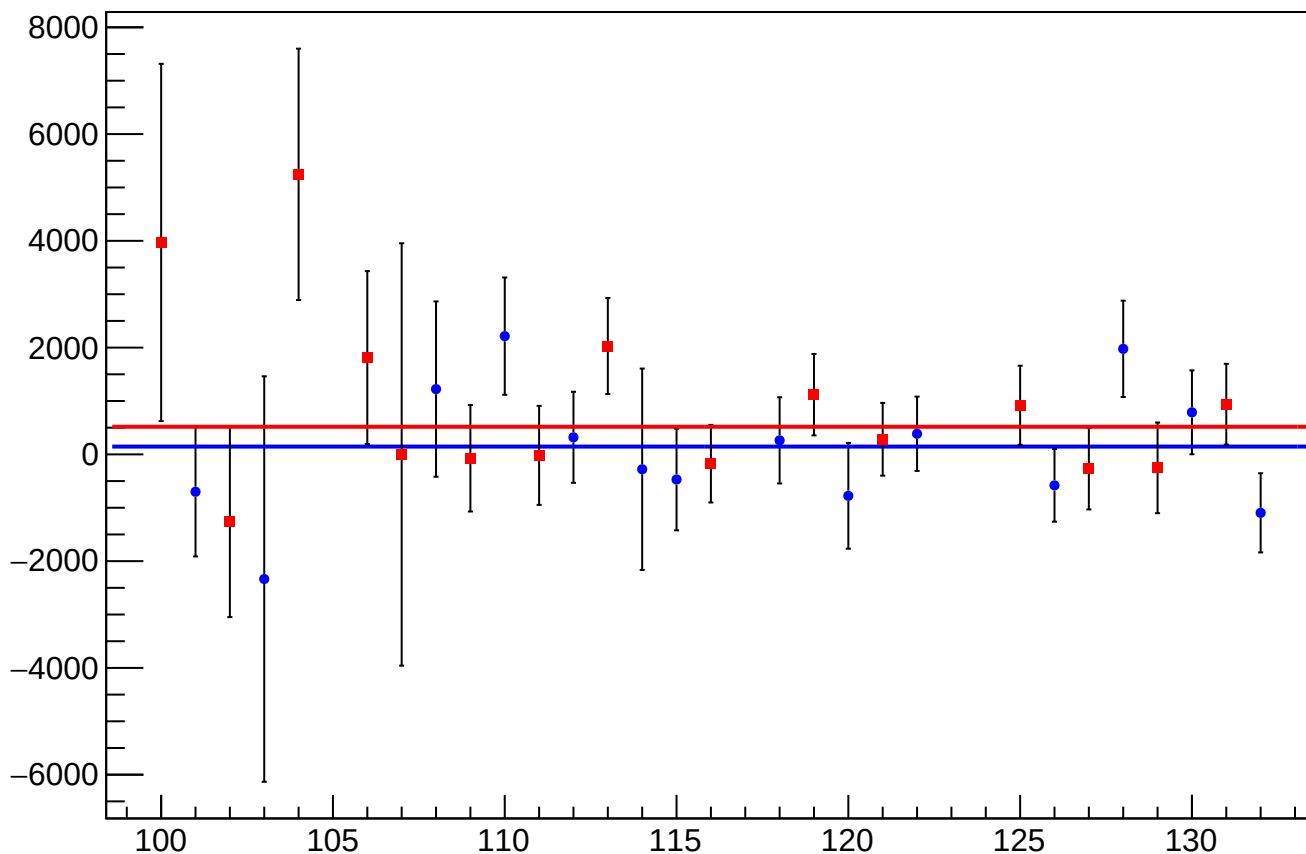
Right: 1277.678+/-0.263 χ^2/NDF : 668896.8/28

In: 1253.250+/-0.367 χ^2/NDF : 264690.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1277.678+/-0.263 χ^2/NDF : 668896.8/28

asym_usl_atl1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 146.134+/-248.751 χ^2/NDF : 15.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 517.070+/-243.450 χ^2/NDF : 14.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

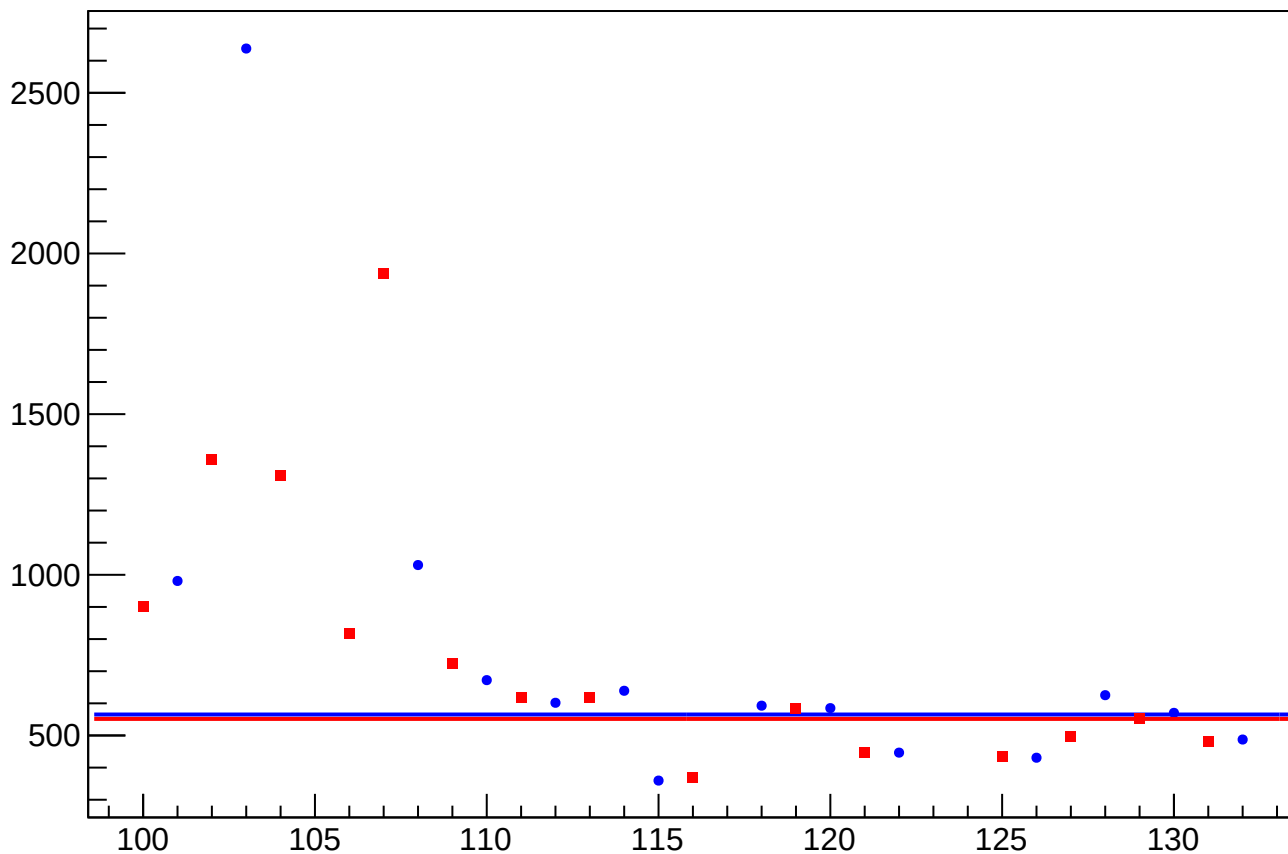
Right: 335.597+/-173.989 χ^2/NDF : 30.7/28

In: 146.134+/-248.751 χ^2/NDF :15.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 335.597+/-173.989 χ^2/NDF : 30.7/28

asym_usl_atl1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 565.229+/-0.176 χ^2/NDF : 1281142.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 551.562+/-0.172 χ^2/NDF : 1274765.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

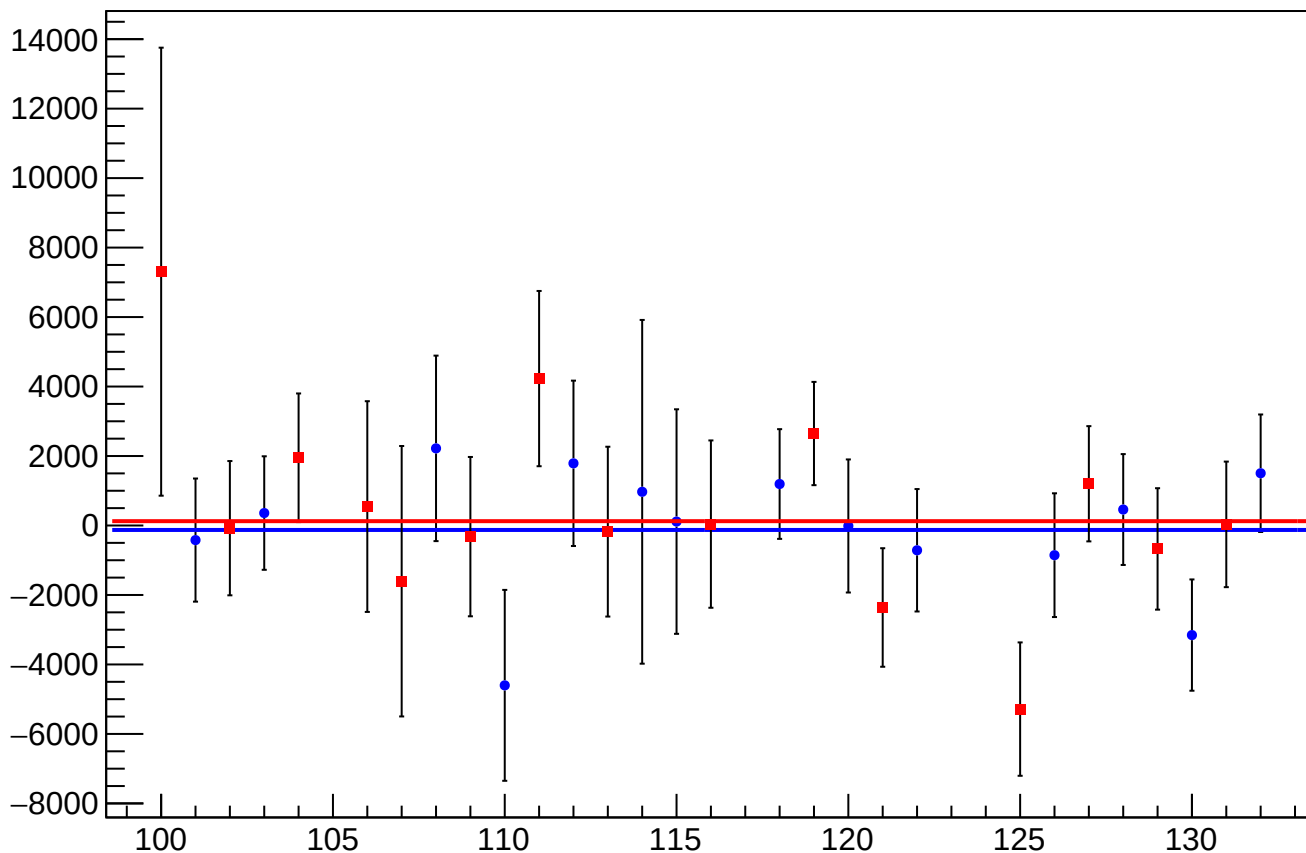
Right: 558.248+/-0.123 χ^2/NDF : 2558991.6/28

In: 565.229+/-0.176 χ^2/NDF : 1281142.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 558.248+/-0.123 χ^2/NDF : 2558991.6/28

eigen_cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -128.341+/-518.333 χ^2/NDF : 9.9/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 124.634+/-533.757 χ^2/NDF : 18.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

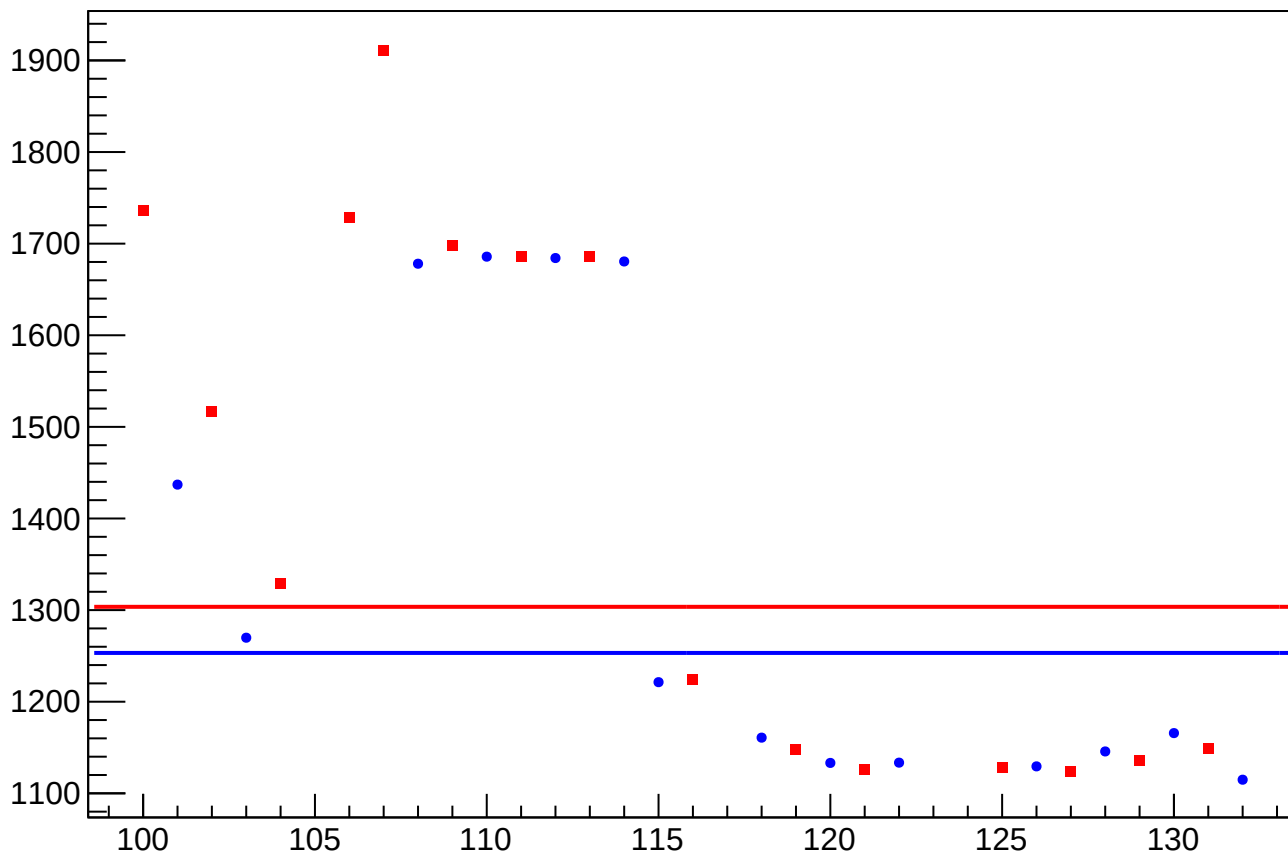
Right: -5.561+/-371.850 χ^2/NDF : 28.7/28

In: -128.341+/-518.333 χ^2/NDF :9.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.561+/-371.850 χ^2/NDF : 28.7/28

eigen_cor_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1253.250+/-0.367 χ^2/NDF : 264690.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1303.582+/-0.377 χ^2/NDF : 395053.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

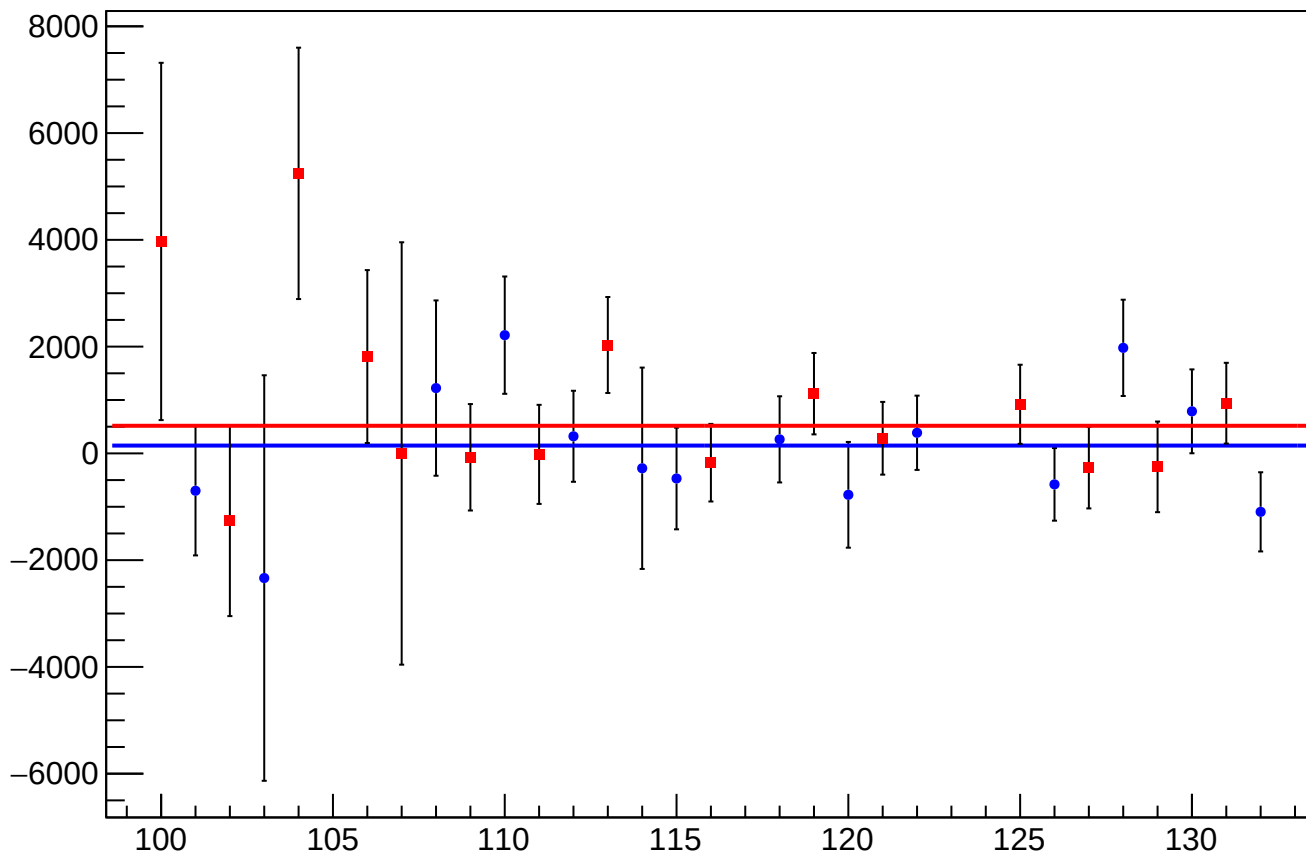
Right: 1277.678+/-0.263 χ^2/NDF : 668896.8/28

In: 1253.250+/-0.367 χ^2/NDF : 264690.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1277.678+/-0.263 χ^2/NDF : 668896.8/28

asym_usl_atl1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 146.134+/-248.751 χ^2/NDF : 15.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 517.070+/-243.450 χ^2/NDF : 14.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

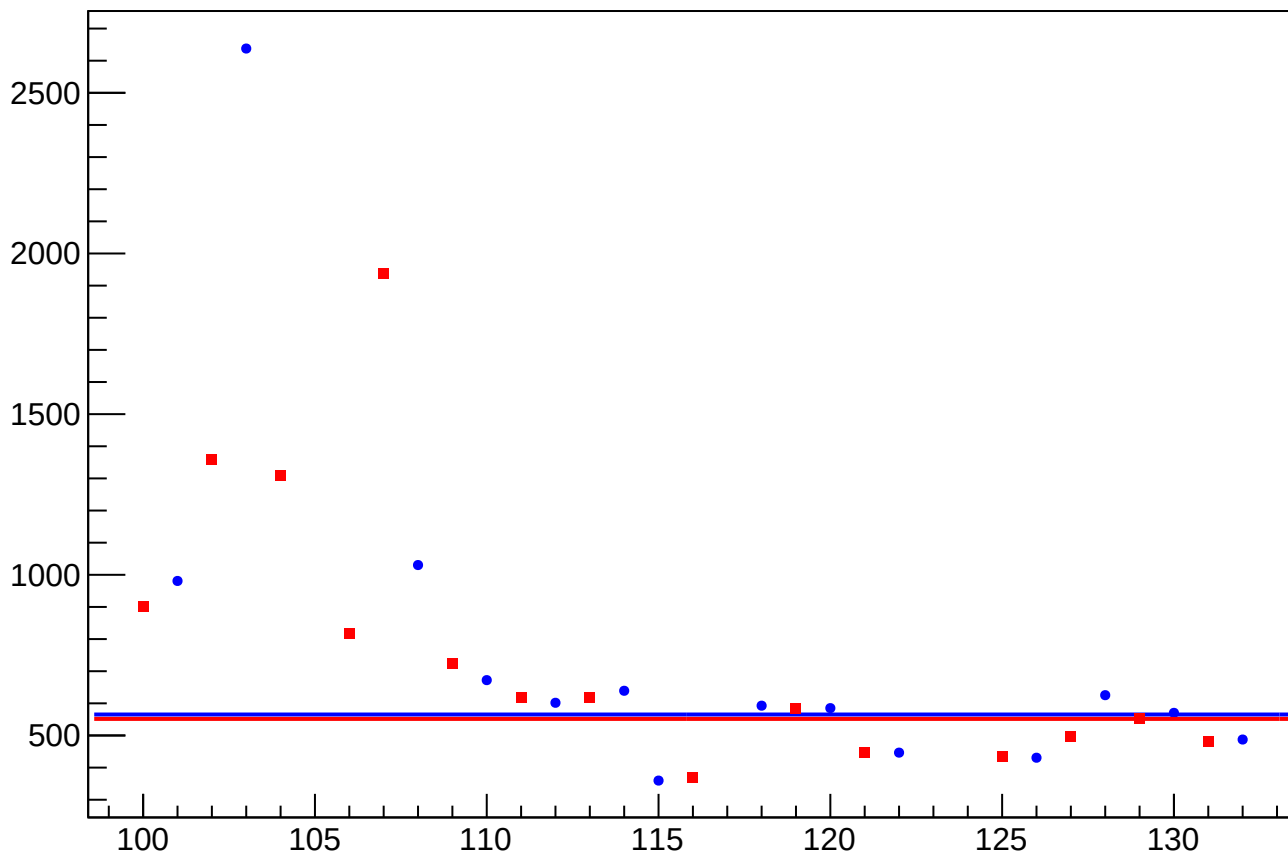
Right: 335.597+/-173.989 χ^2/NDF : 30.7/28

In: 146.134+/-248.751 χ^2/NDF : 15.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 335.597+/-173.989 χ^2/NDF : 30.7/28

asym_usl_atl1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 565.229+/-0.176 χ^2/NDF : 1281142.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 551.562+/-0.172 χ^2/NDF : 1274765.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

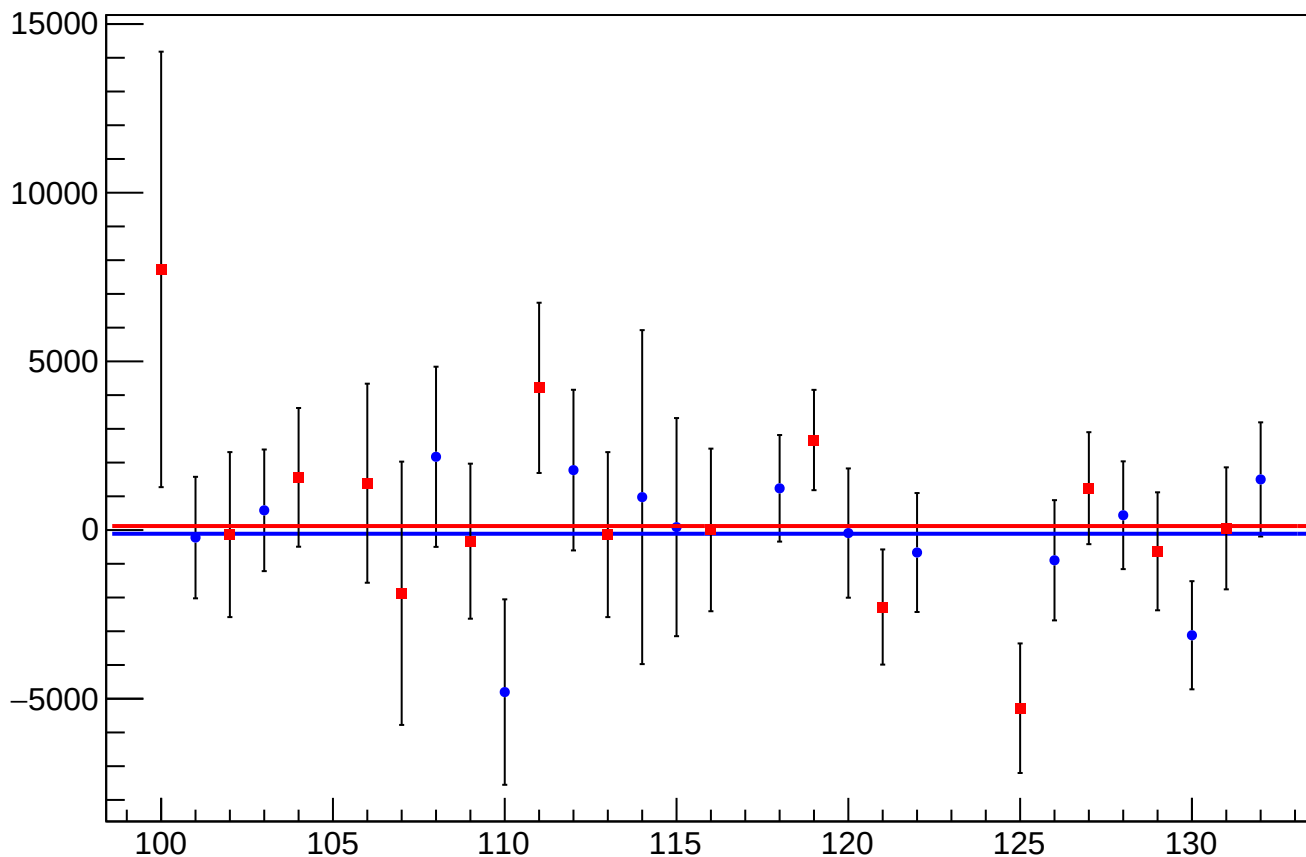
Right: 558.248+/-0.123 χ^2/NDF : 2558991.6/28

In: 565.229+/-0.176 χ^2/NDF : 1281142.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 558.248+/-0.123 χ^2/NDF : 2558991.6/28

dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -109.878 ± 524.031 χ^2/NDF : 10.0/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 118.702 ± 545.824 χ^2/NDF : 18.5/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

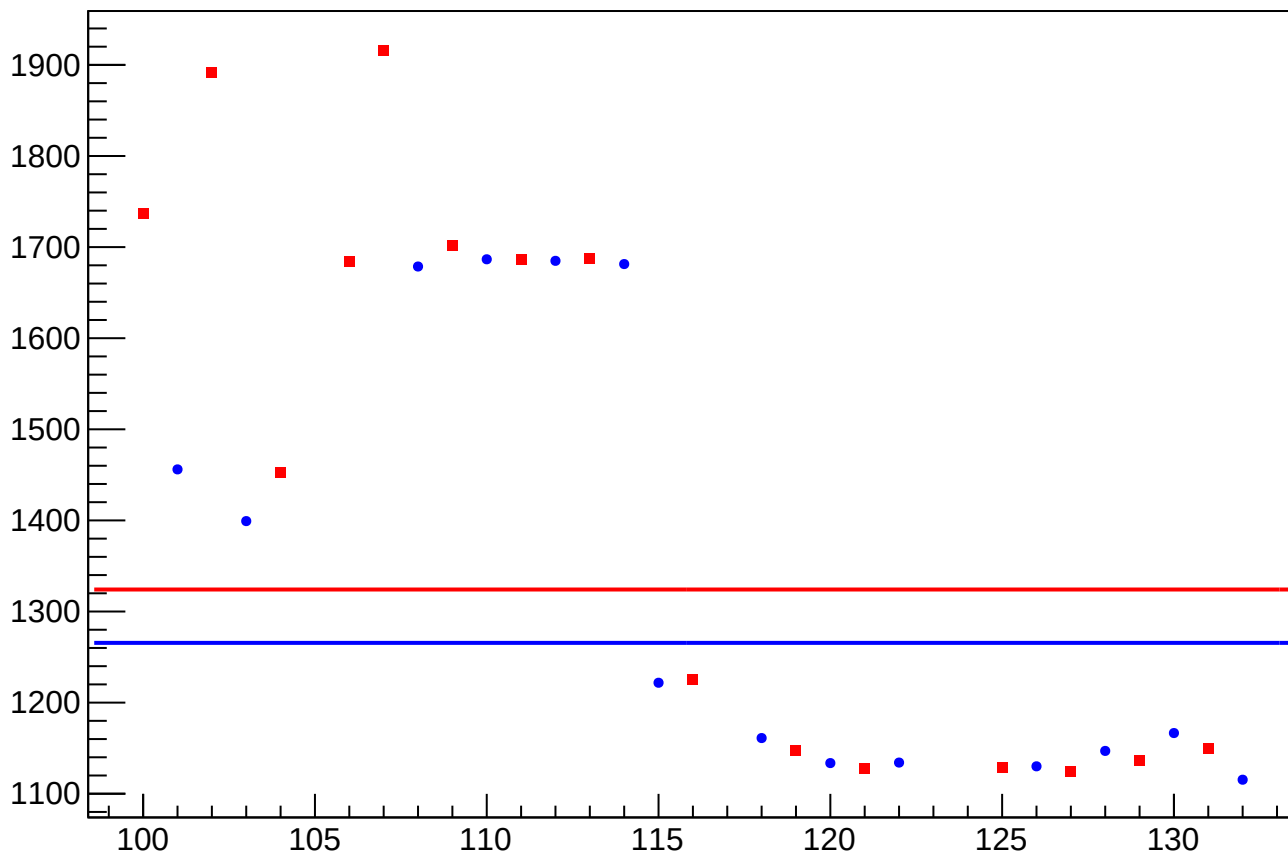
Right: -0.242 ± 378.016 χ^2/NDF : 28.6/28

In: -109.878 ± 524.031 χ^2/NDF : 10.0/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.242 ± 378.016 χ^2/NDF : 28.6/28

dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1265.585+/-0.371 χ^2/NDF : 279962.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1324.157+/-0.386 χ^2/NDF : 488354.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

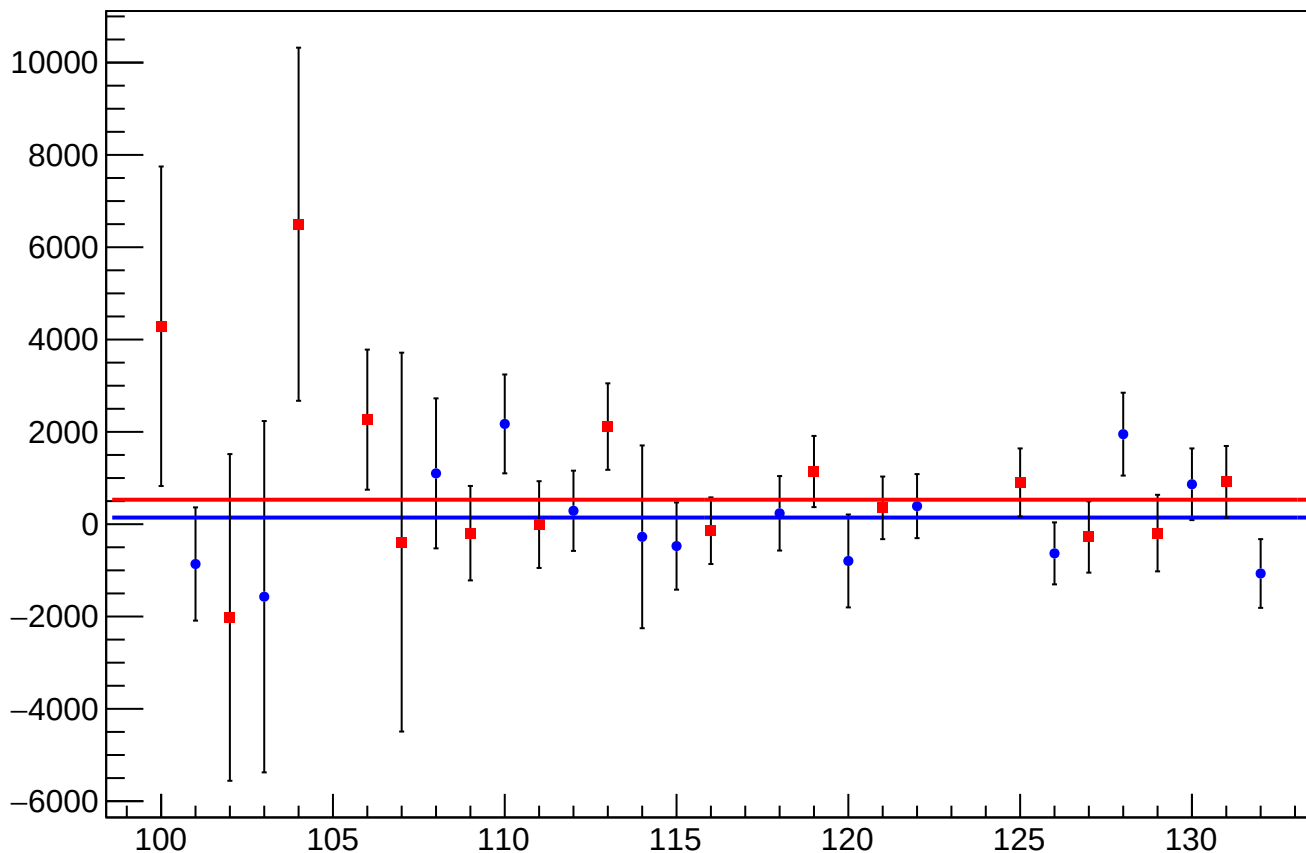
Right: 1293.678+/-0.267 χ^2/NDF : 780301.2/28

In: 1265.585+/-0.371 χ^2/NDF : 279962.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1293.678+/-0.267 χ^2/NDF : 780301.2/28

asym_usl_atl1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 143.689+/-248.375 χ^2/NDF : 15.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 530.334+/-247.261 χ^2/NDF : 13.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

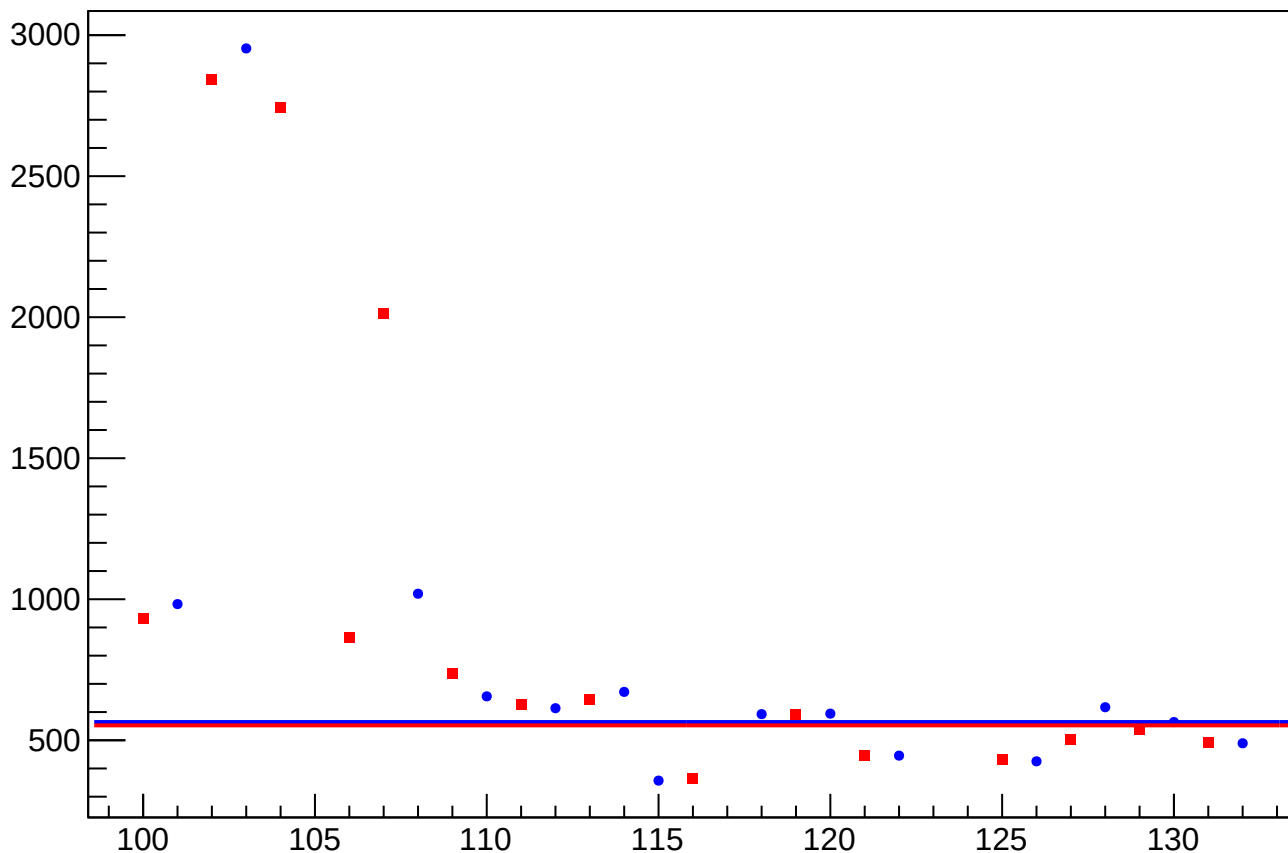
Right: 337.881+/-175.232 χ^2/NDF : 29.5/28

In: 143.689+/-248.375 χ^2/NDF : 15.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 337.881+/-175.232 χ^2/NDF : 29.5/28

asym_usl_atl1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 564.606+/-0.176 χ^2/NDF : 1476761.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 552.840+/-0.175 χ^2/NDF : 2216243.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

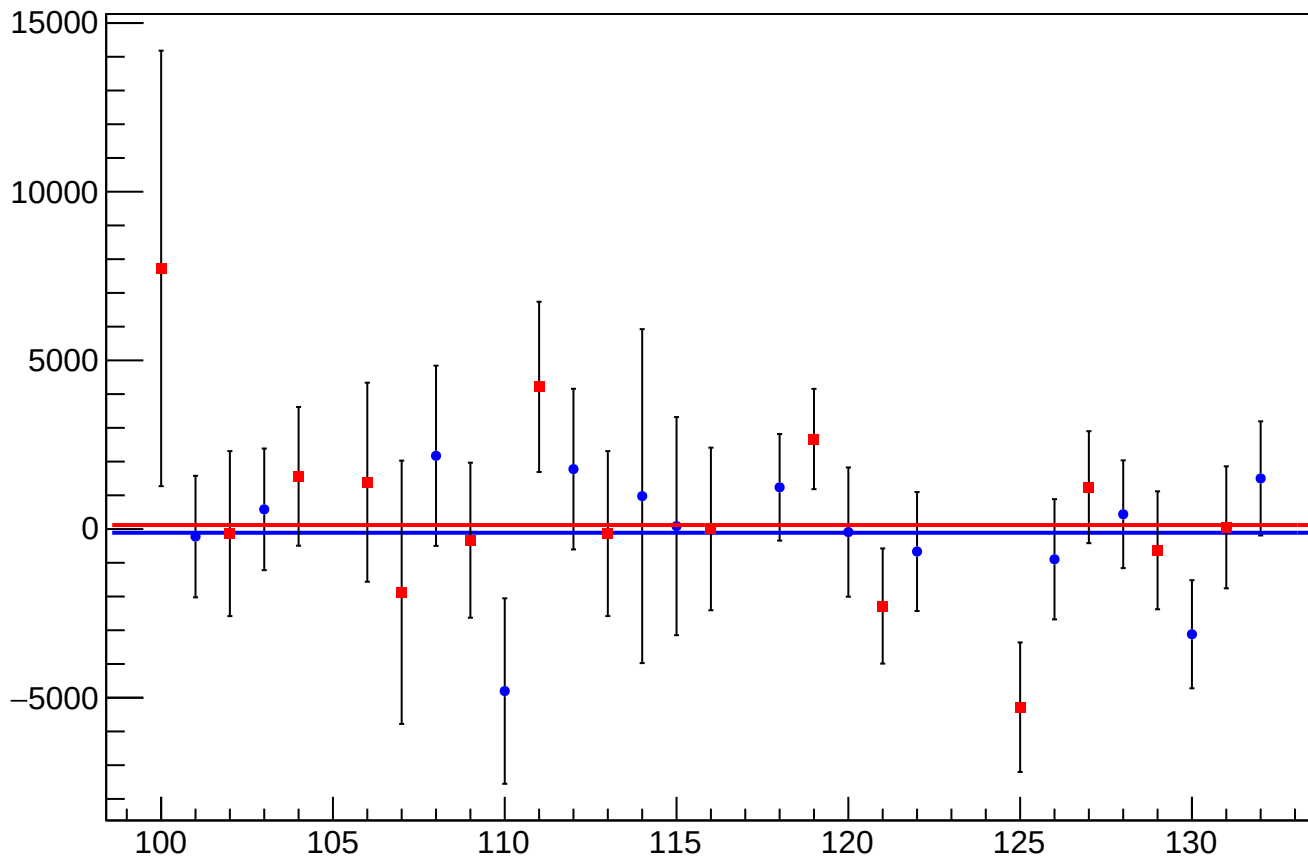
Right: 558.697+/-0.124 χ^2/NDF : 3695259.7/28

In: 564.606+/-0.176 χ^2/NDF : 1476761.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 558.697+/-0.124 χ^2/NDF : 3695259.7/28

eigen_dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -109.876+/-524.031 χ^2/NDF : 10.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.702+/-545.824 χ^2/NDF : 18.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

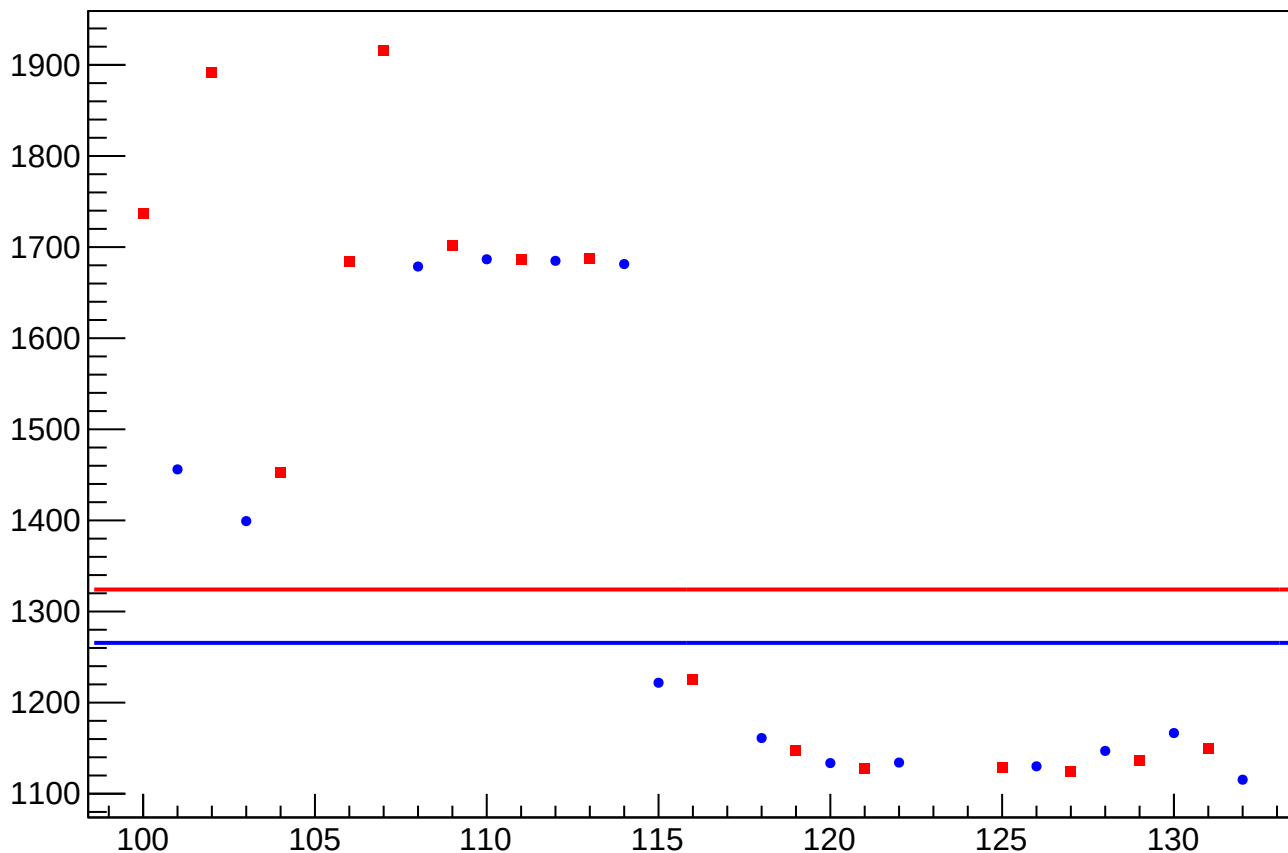
Right: -0.242+/-378.015 χ^2/NDF : 28.6/28

In: -109.876+/-524.031 χ^2/NDF : 10.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.242+/-378.015 χ^2/NDF : 28.6/28

eigen_dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1265.585+/-0.371 χ^2/NDF : 279962.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1324.157+/-0.386 χ^2/NDF : 488353.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

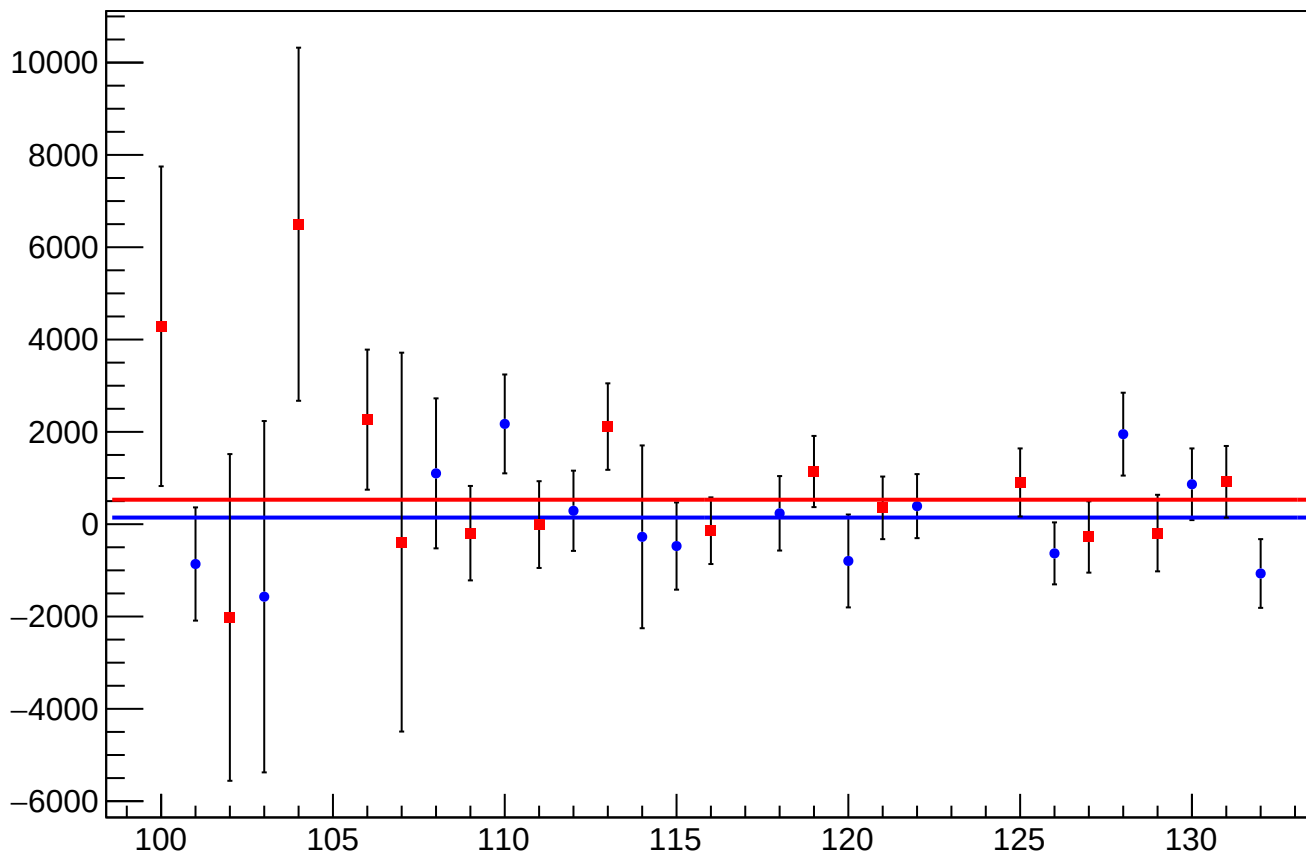
Right: 1293.678+/-0.267 χ^2/NDF : 780300.4/28

In: 1265.585+/-0.371 χ^2/NDF : 279962.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1293.678+/-0.267 χ^2/NDF : 780300.4/28

asym_usl_atl1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 143.689+/-248.375 χ^2/NDF : 15.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 530.334+/-247.261 χ^2/NDF : 13.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

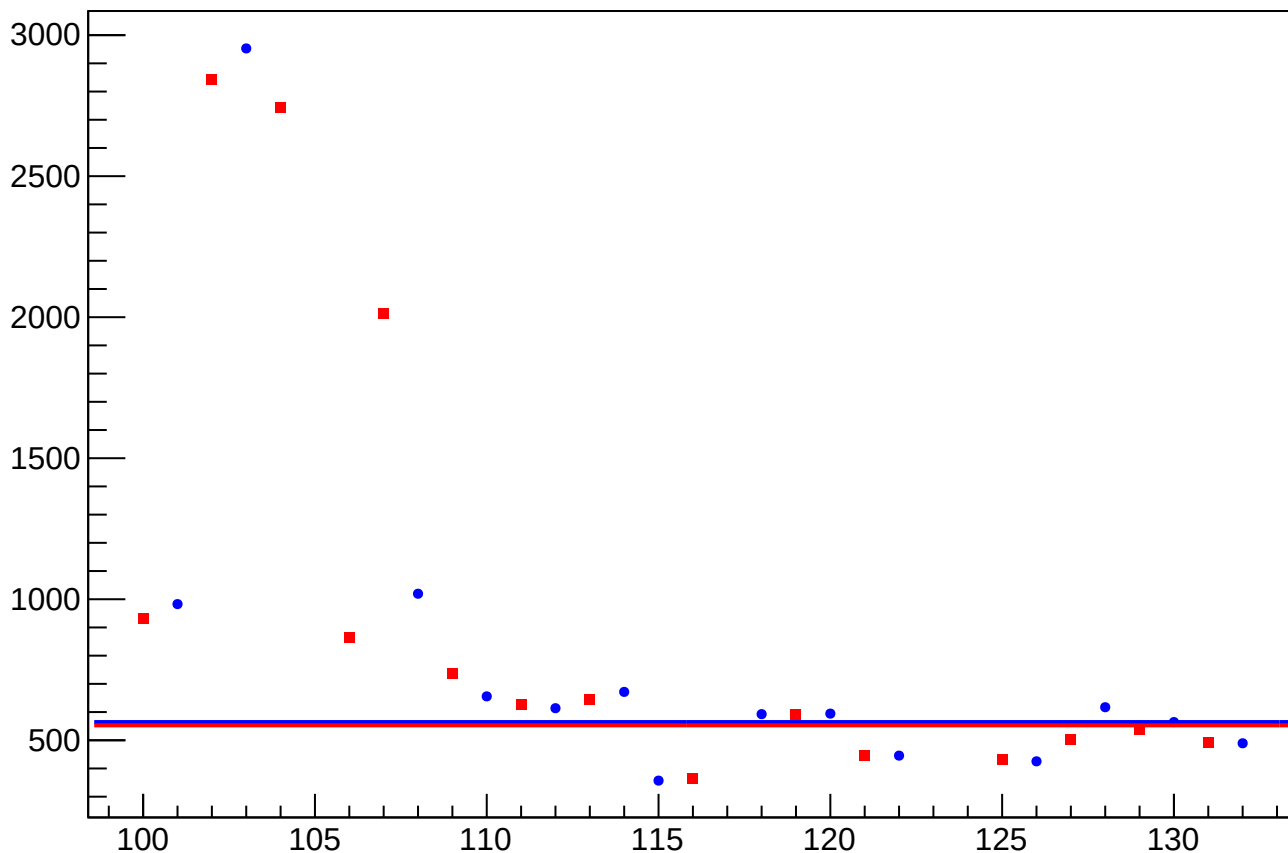
Right: 337.881+/-175.232 χ^2/NDF : 29.5/28

In: 143.689+/-248.375 χ^2/NDF : 15.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 337.881+/-175.232 χ^2/NDF : 29.5/28

asym_usl_atl1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 564.606+/-0.176 χ^2/NDF : 1476759.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 552.840+/-0.175 χ^2/NDF : 2216244.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

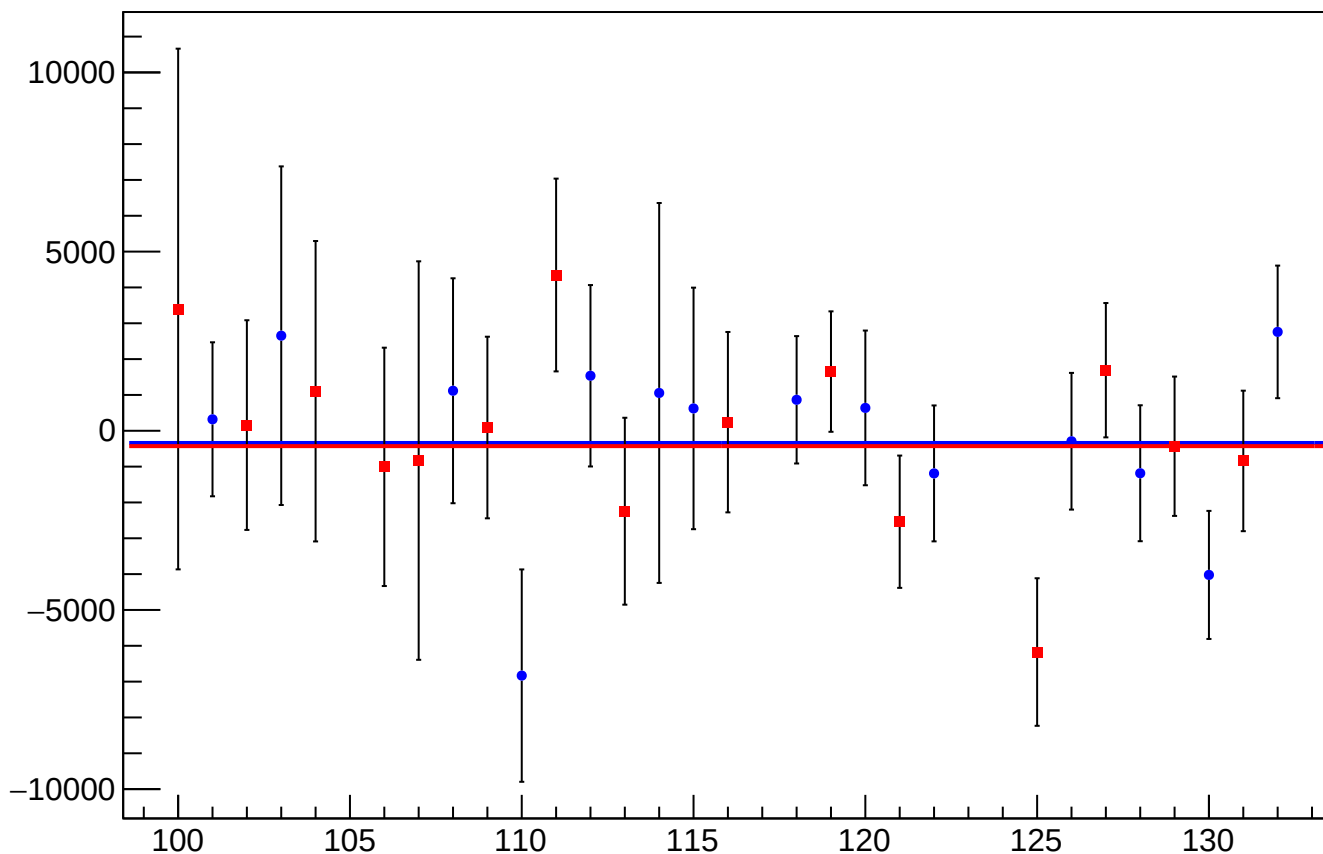
Right: 558.697+/-0.124 χ^2/NDF : 3695257.9/28

In: 564.606+/-0.176 χ^2/NDF : 1476759.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 558.697+/-0.124 χ^2/NDF : 3695257.9/28

asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -340.494+/-605.907 χ^2/NDF : 14.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -428.572+/-619.335 χ^2/NDF : 16.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

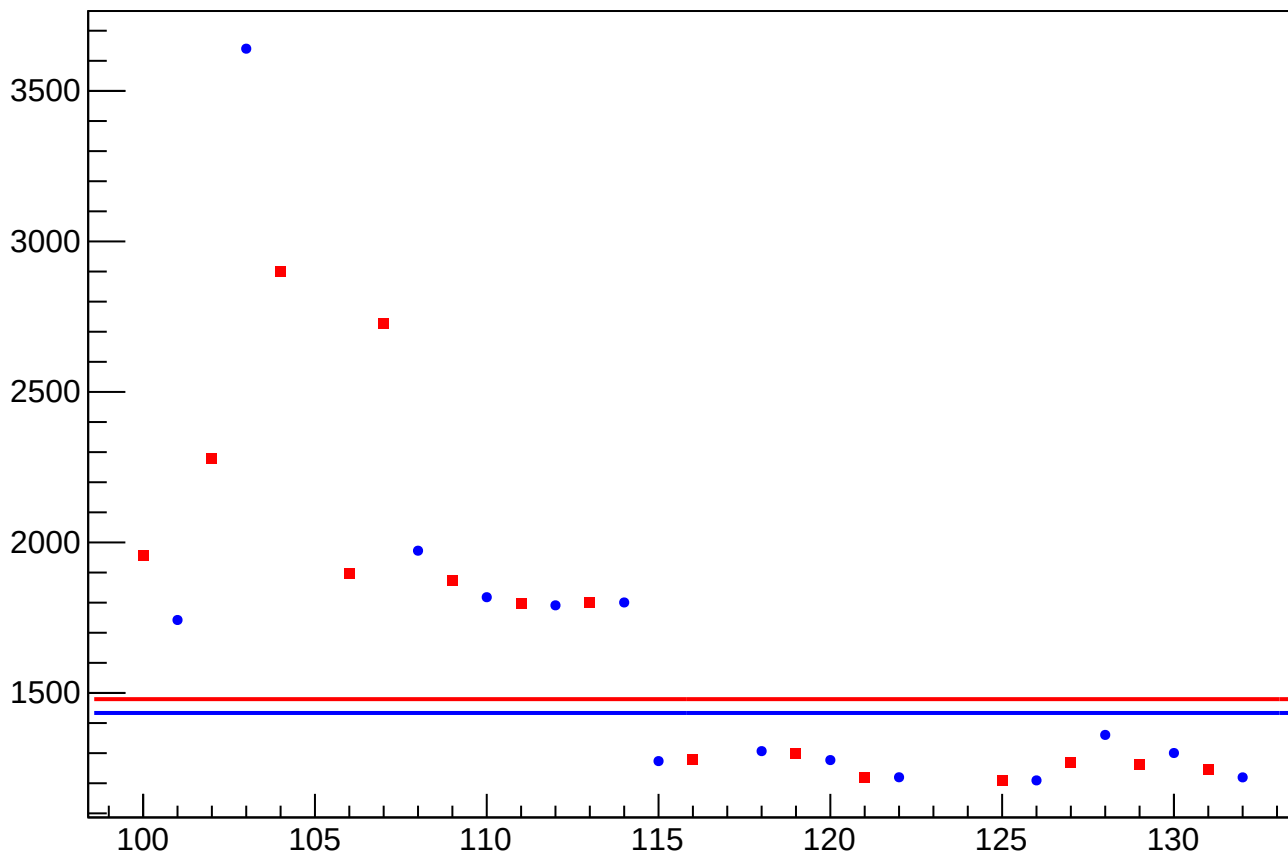
Right: -383.568+/-433.110 χ^2/NDF : 30.5/28

In: -340.494+/-605.907 χ^2/NDF : 14.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -383.568+/-433.110 χ^2/NDF : 30.5/28

asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1433.488+/-0.428 χ^2/NDF : 738795.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1479.416+/-0.438 χ^2/NDF : 815229.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

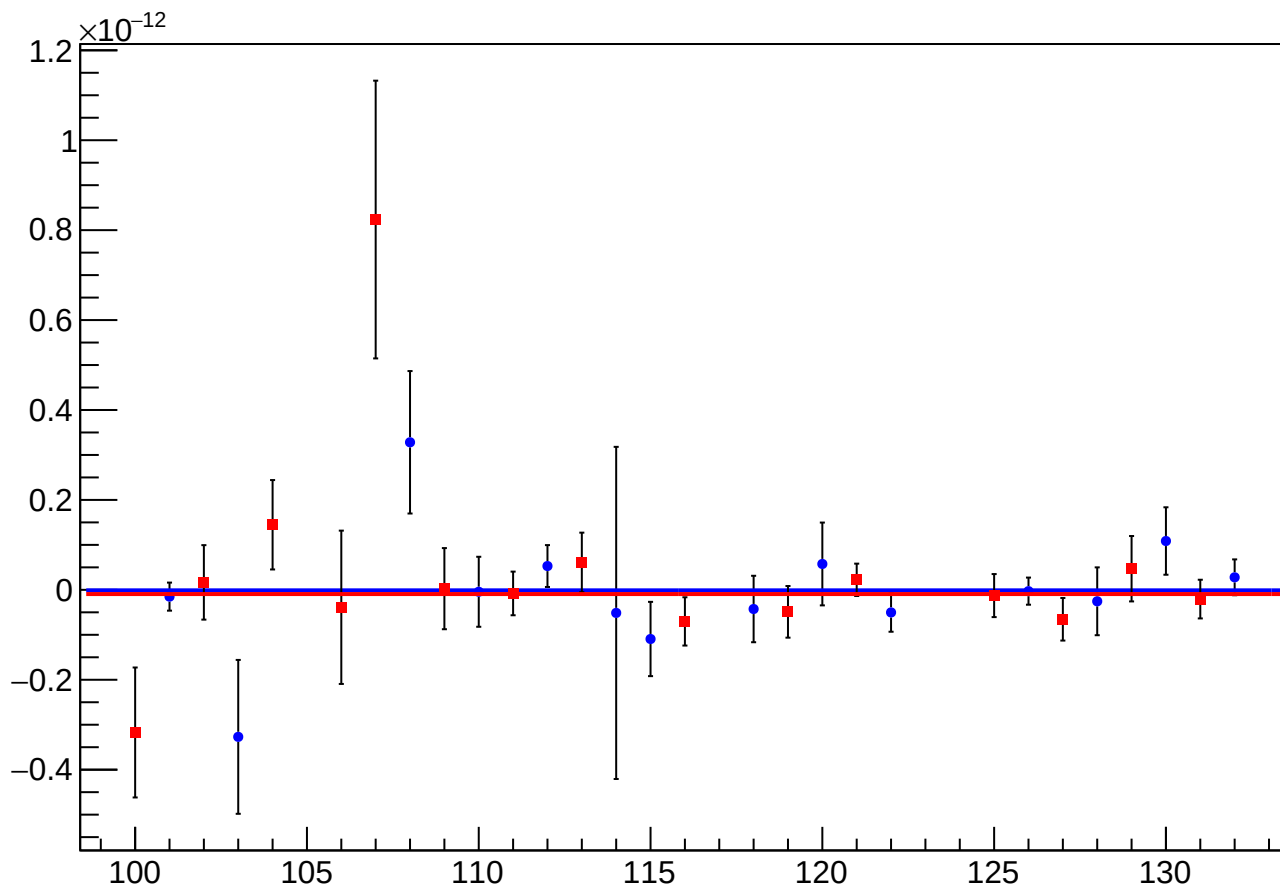
Right: 1455.949+/-0.306 χ^2/NDF : 1559644.0/28

In: 1433.488+/-0.428 χ^2/NDF : 738795.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1455.949+/-0.306 χ^2/NDF : 1559644.0/28

asym_usl_atl1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 16.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 20.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

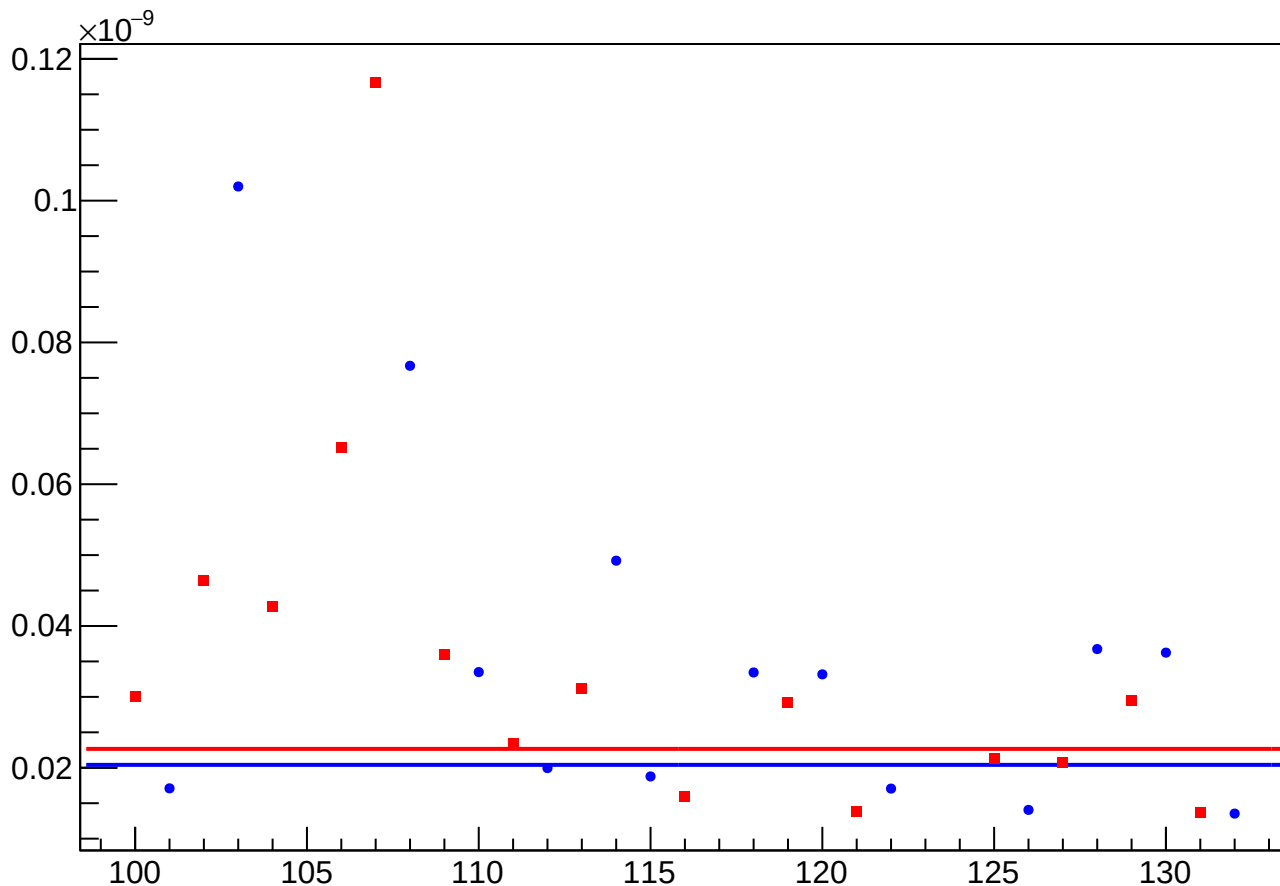
Right: -0.000+/-0.000 χ^2/NDF : 36.3/28

In: -0.000+/-0.000 χ^2/NDF : 16.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 36.3/28

asym_usl_atl1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1243397.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 929342.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

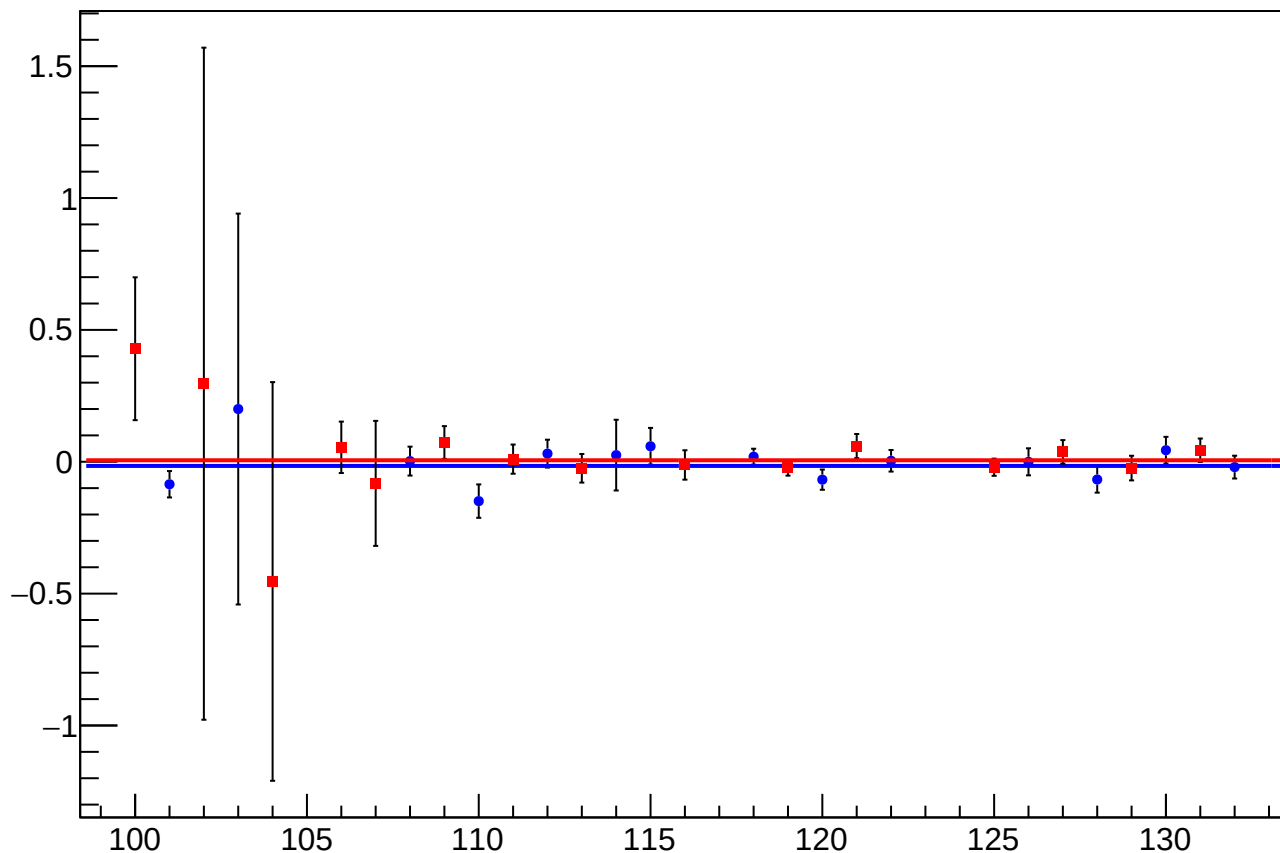
Right: 0.000+/-0.000 χ^2/NDF : 2195389.2/28

In: 0.000+/-0.000 χ^2/NDF : 1243397.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2195389.2/28

asym_usl_atl1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016+/-0.013 χ^2 /NDF: 14.5/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.006+/-0.014 χ^2 /NDF: 9.5/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

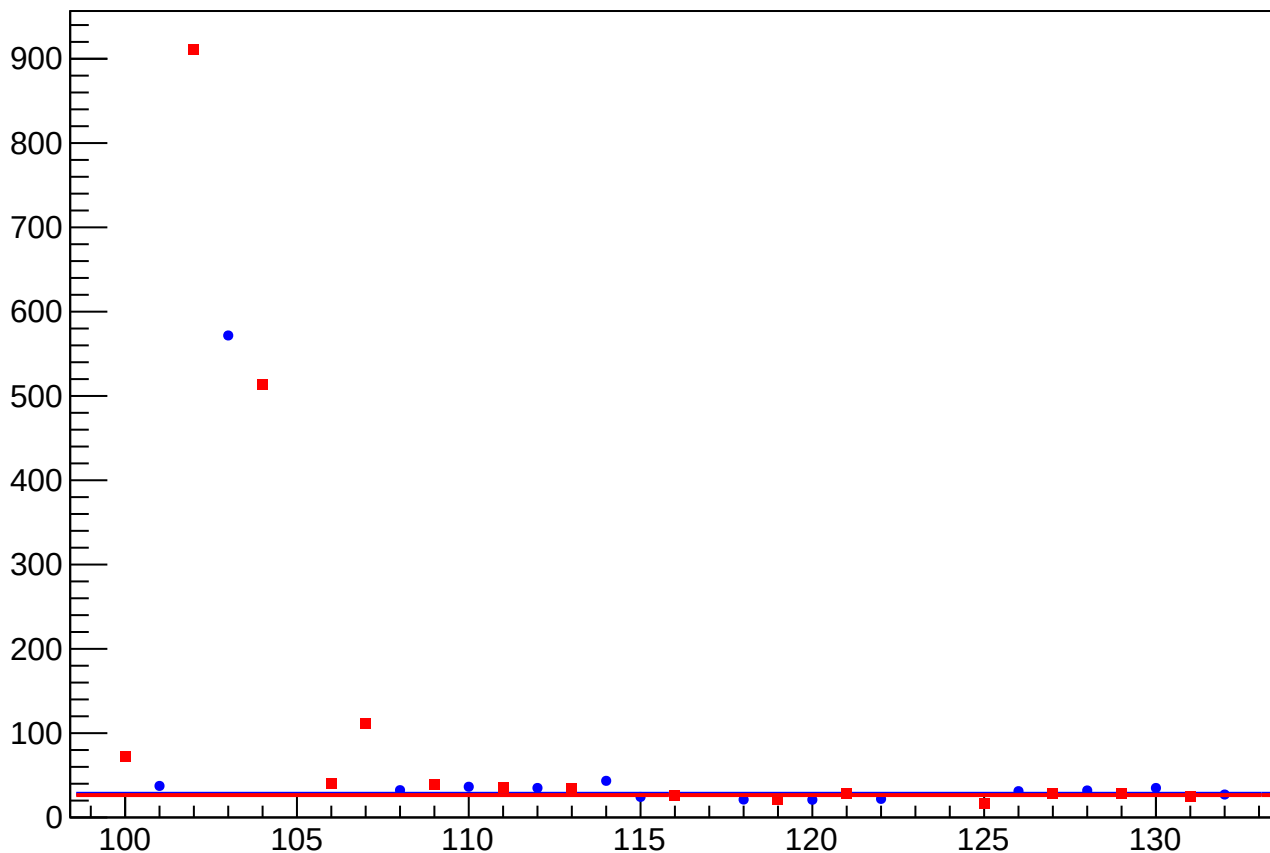
Right: -0.005+/-0.009 χ^2 /NDF: 25.3/28

In: -0.016+/-0.013 χ^2 /NDF:14.5/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.005+/-0.009 χ^2 /NDF: 25.3/28

asym_usl_atl1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.067+/-0.009 χ^2/NDF : 1530208.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.548+/-0.010 χ^2/NDF : 2580121.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

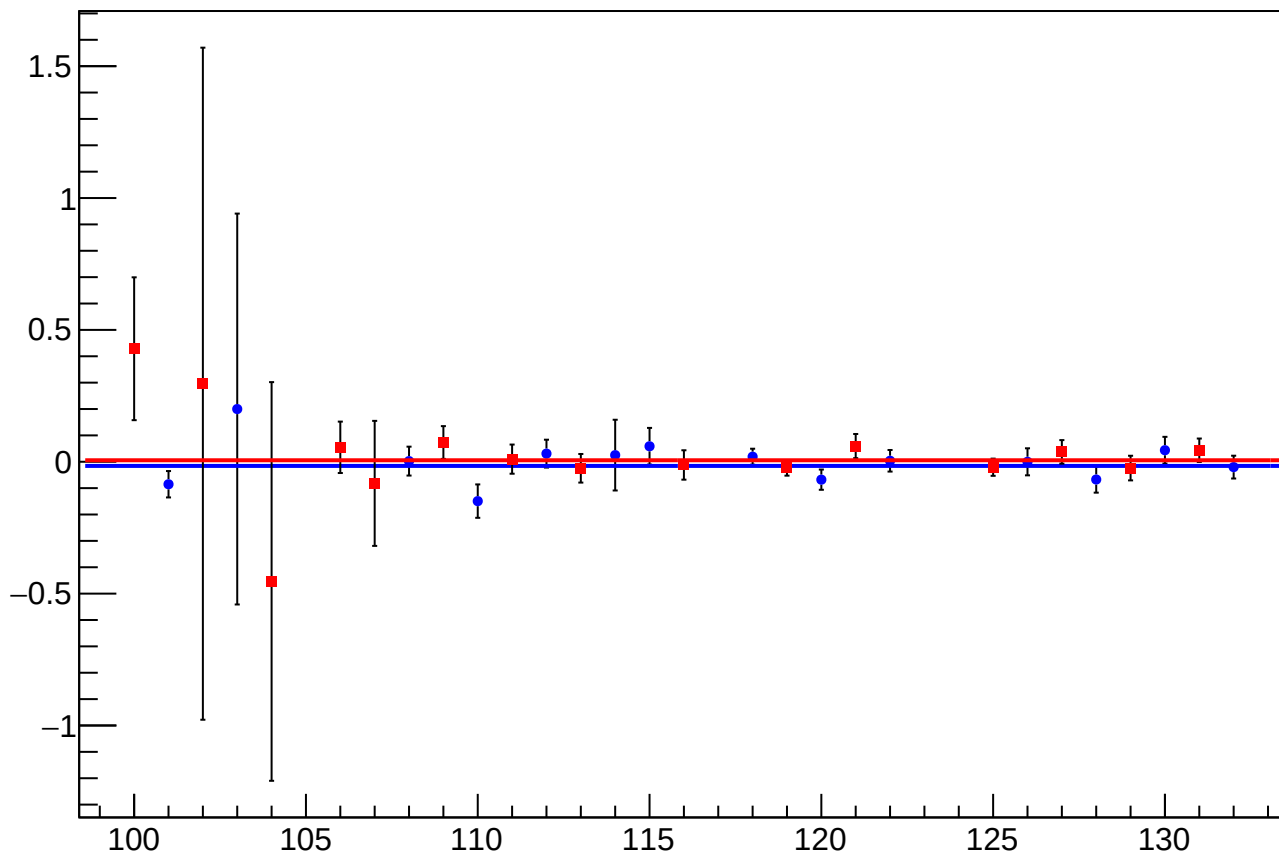
Right: 27.323+/-0.007 χ^2/NDF : 4123157.5/28

In: 28.067+/-0.009 χ^2/NDF : 1530208.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.323+/-0.007 χ^2/NDF : 4123157.5/28

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016+/-0.013 χ^2 /NDF: 14.5/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.006+/-0.014 χ^2 /NDF: 9.5/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

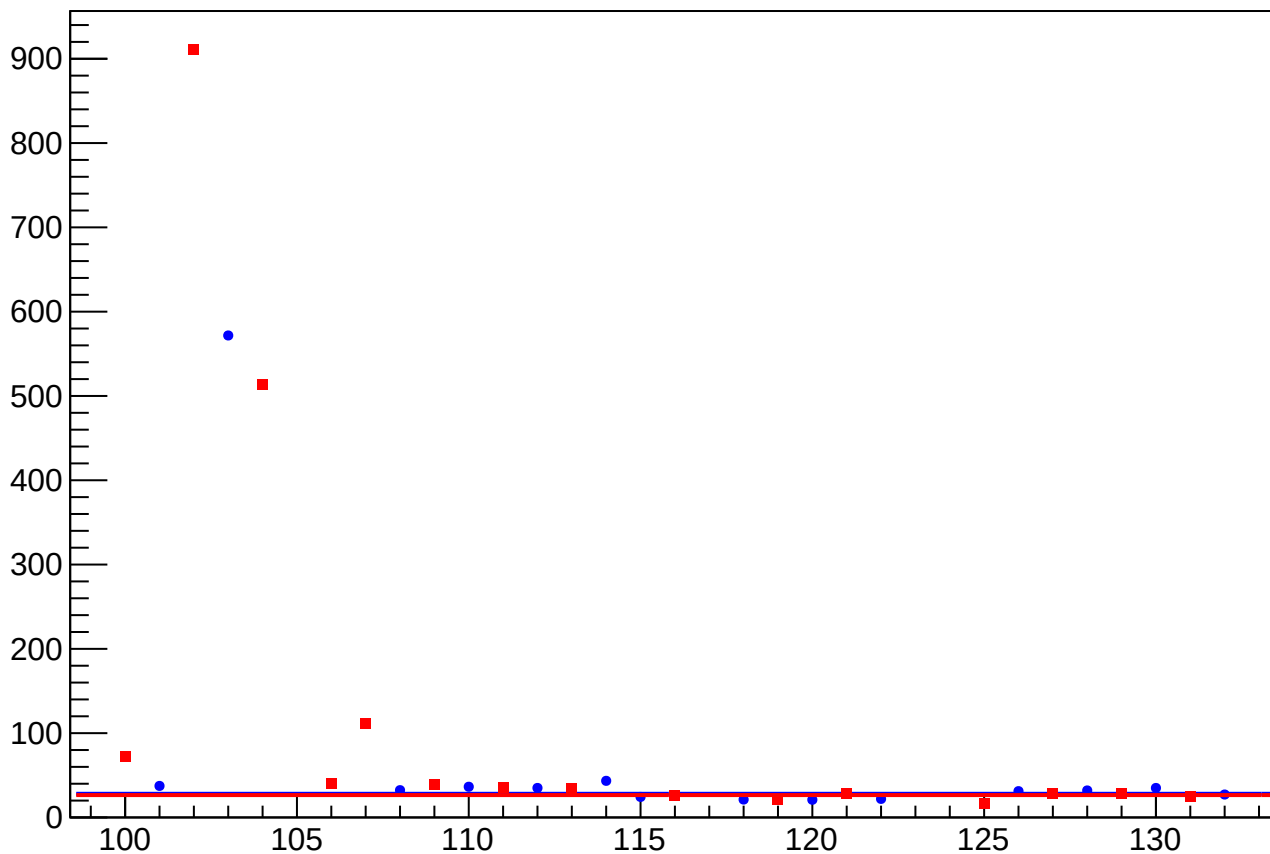
Right: -0.005+/-0.009 χ^2 /NDF: 25.3/28

In: -0.016+/-0.013 χ^2 /NDF:14.5/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.005+/-0.009 χ^2 /NDF: 25.3/28

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.067+/-0.009 χ^2/NDF : 1530208.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.548+/-0.010 χ^2/NDF : 2580121.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

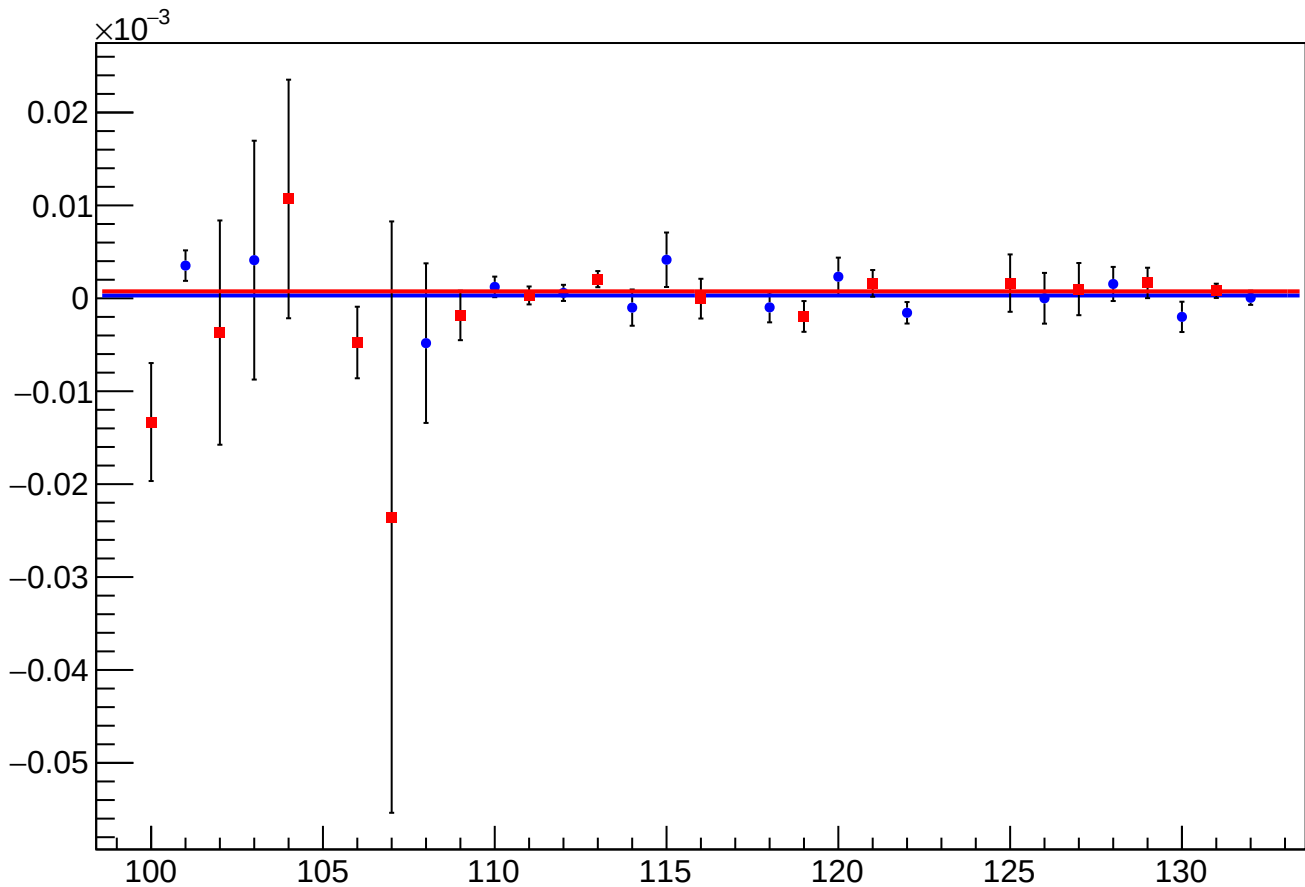
Right: 27.323+/-0.007 χ^2/NDF : 4123157.5/28

In: 28.067+/-0.009 χ^2/NDF : 1530208.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.323+/-0.007 χ^2/NDF : 4123157.5/28

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

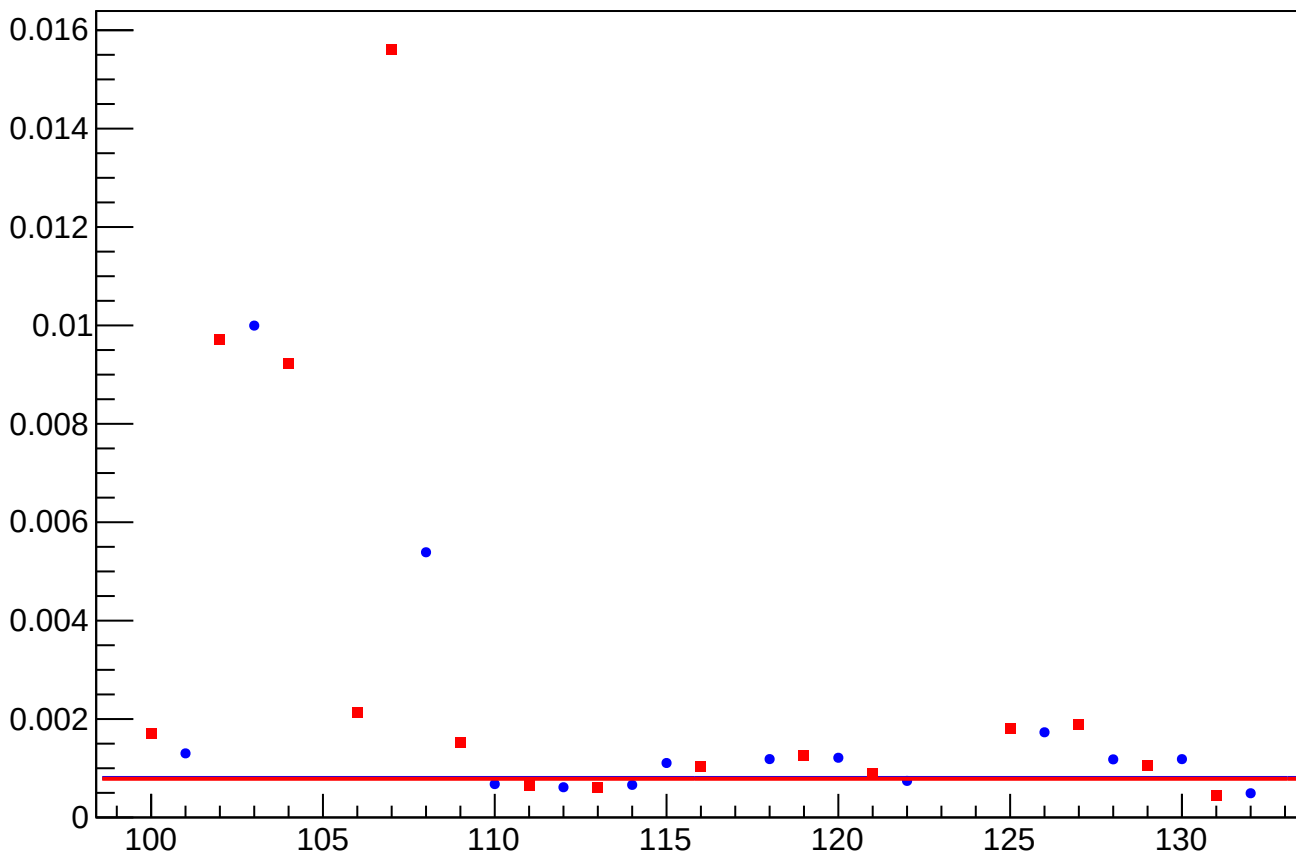
Right: 0.000+/-0.000 χ^2/NDF : 29.9/28

In: 0.000+/-0.000 χ^2/NDF : 14.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.9/28

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2886644.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4147192.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

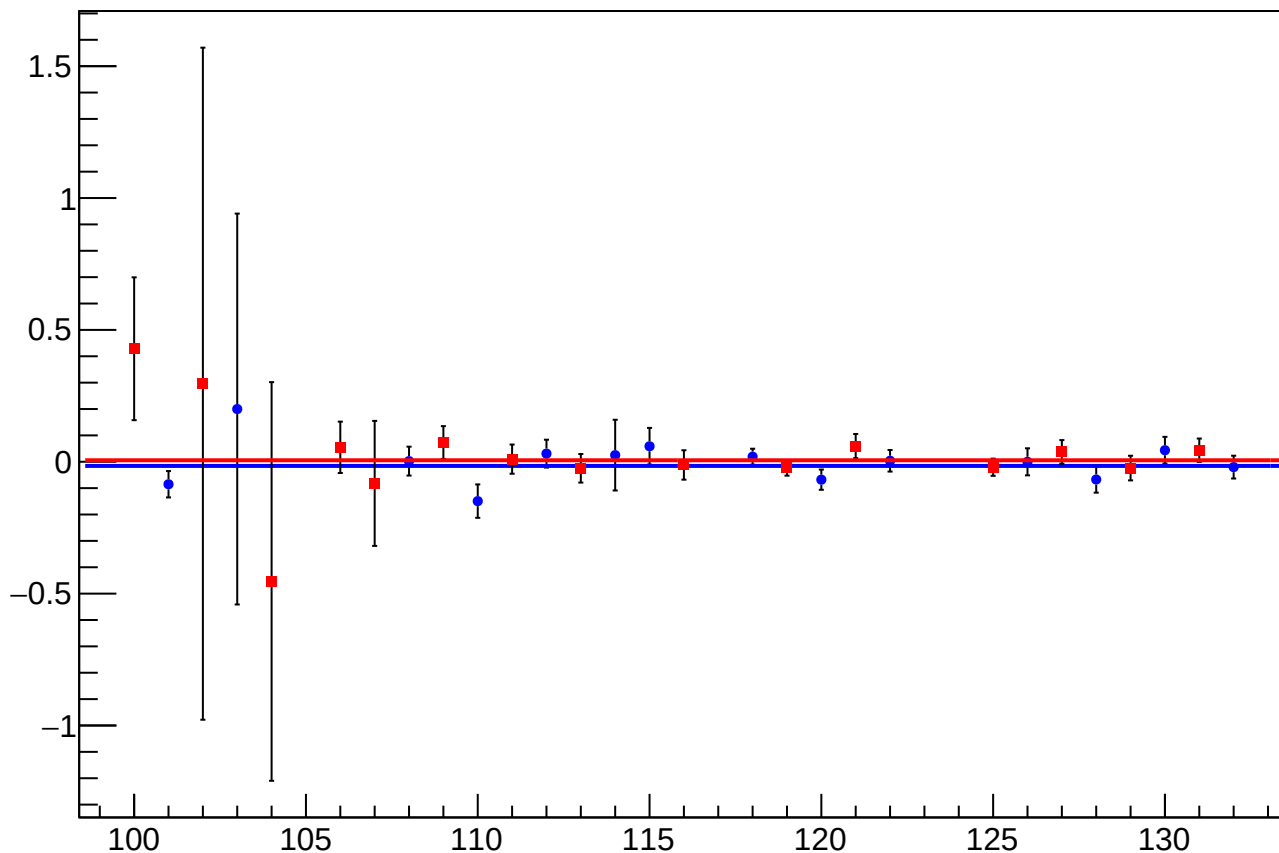
Right: 0.001+/-0.000 χ^2/NDF : 7035491.4/28

In: 0.001+/-0.000 χ^2/NDF : 2886644.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 7035491.4/28

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016+/-0.013 χ^2 /NDF: 14.5/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.006+/-0.014 χ^2 /NDF: 9.5/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

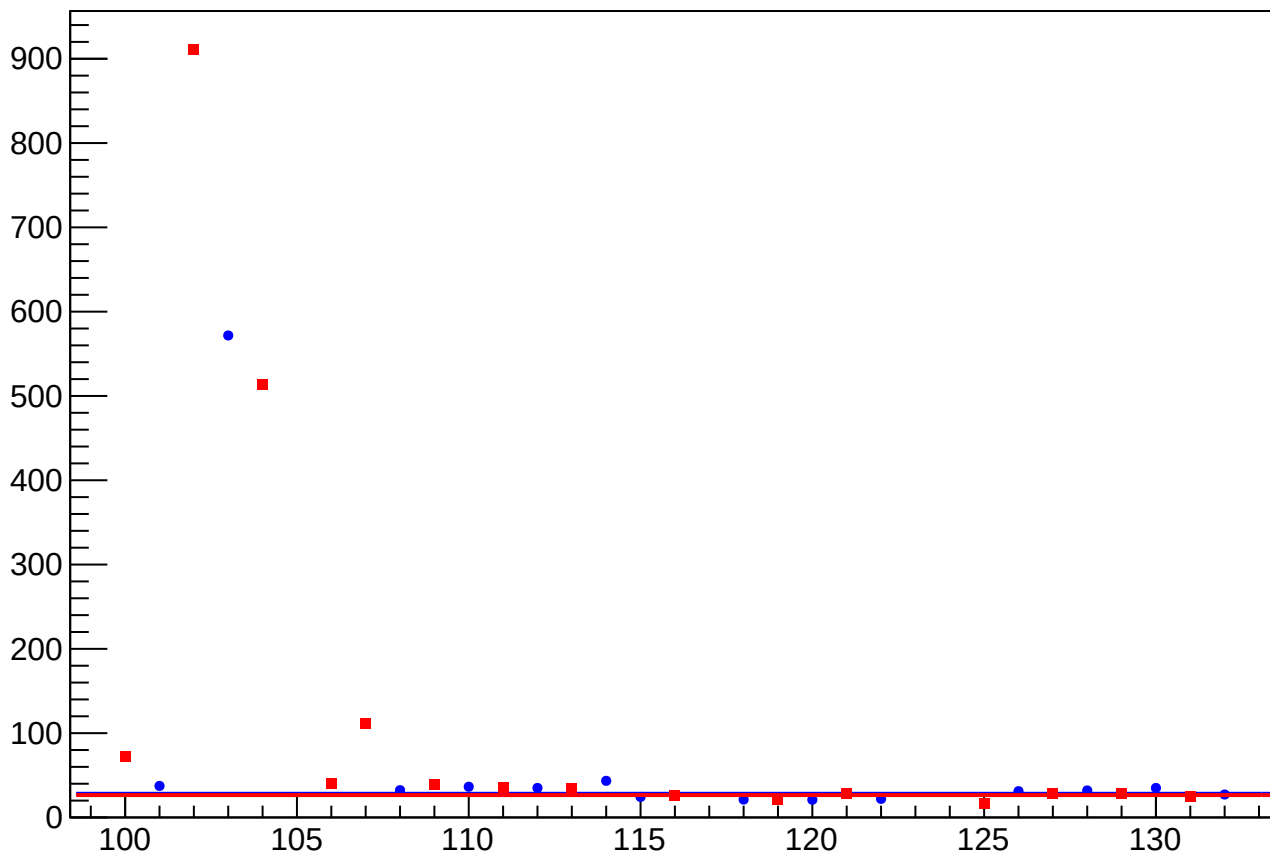
Right: -0.005+/-0.009 χ^2 /NDF: 25.3/28

In: -0.016+/-0.013 χ^2 /NDF:14.5/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.005+/-0.009 χ^2 /NDF: 25.3/28

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.067+/-0.009 χ^2/NDF : 1530202.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.548+/-0.010 χ^2/NDF : 2580143.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

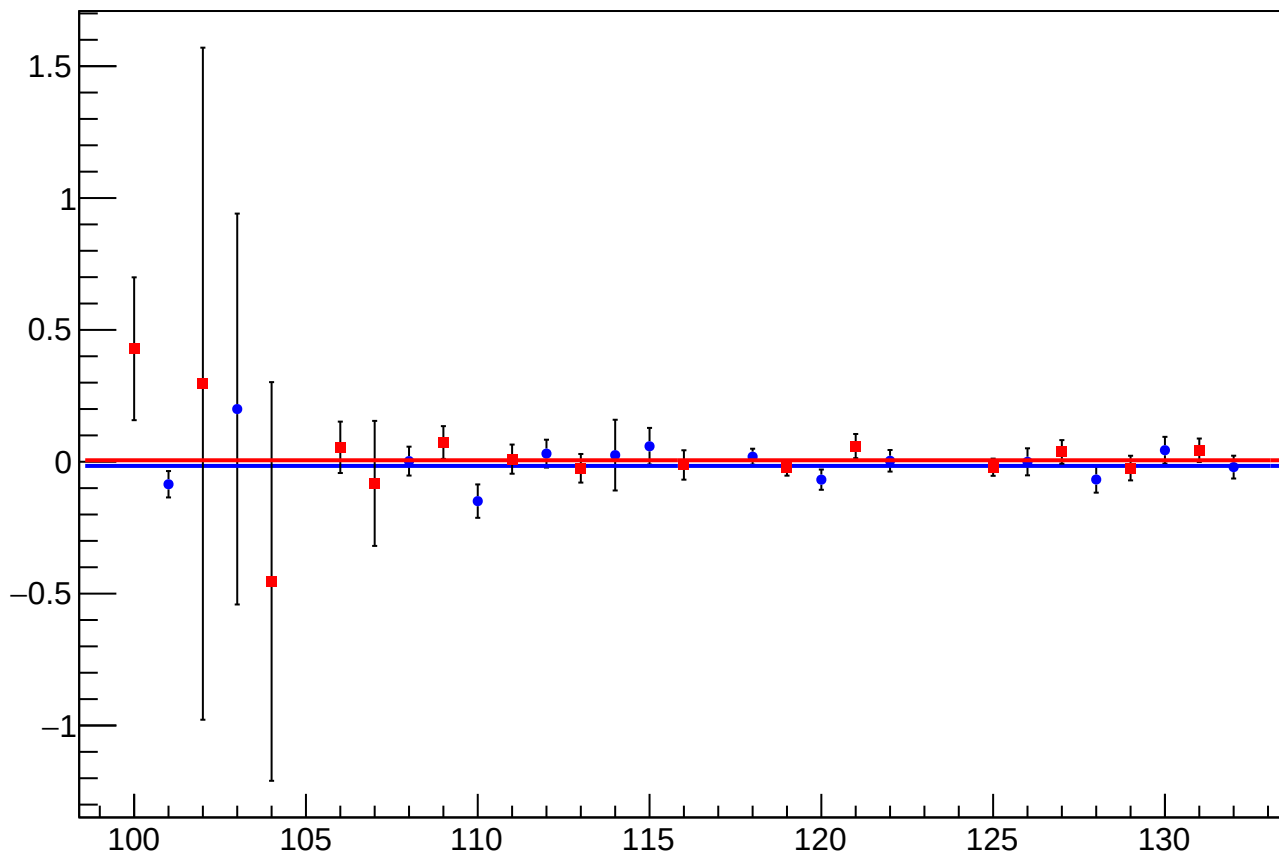
Right: 27.323+/-0.007 χ^2/NDF : 4123173.1/28

In: 28.067+/-0.009 χ^2/NDF : 1530202.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.323+/-0.007 χ^2/NDF : 4123173.1/28

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016+/-0.013 χ^2/NDF : 14.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.014 χ^2/NDF : 9.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

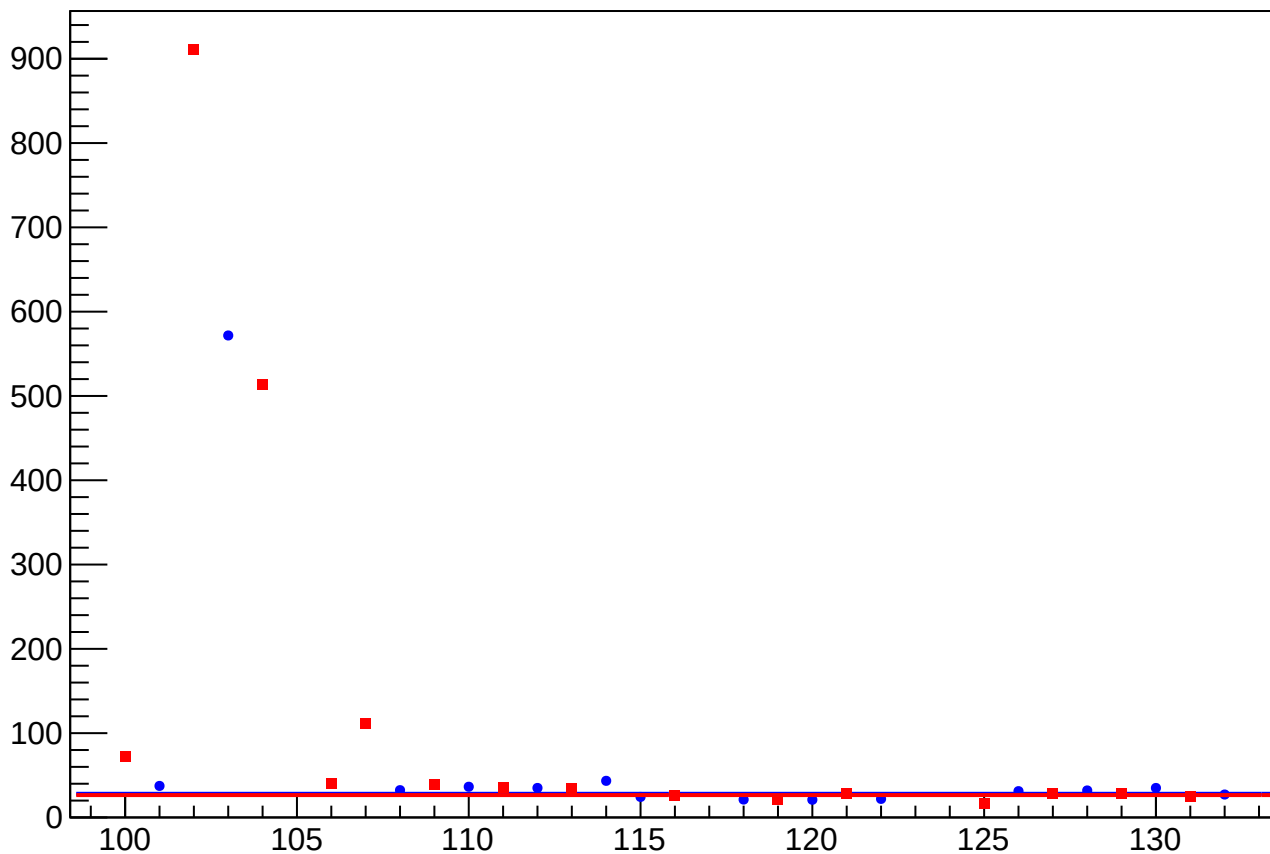
Right: -0.005+/-0.009 χ^2/NDF : 25.3/28

In: -0.016+/-0.013 χ^2/NDF :14.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.005+/-0.009 χ^2/NDF : 25.3/28

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.067+/-0.009 χ^2/NDF : 1530202.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.548+/-0.010 χ^2/NDF : 2580143.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

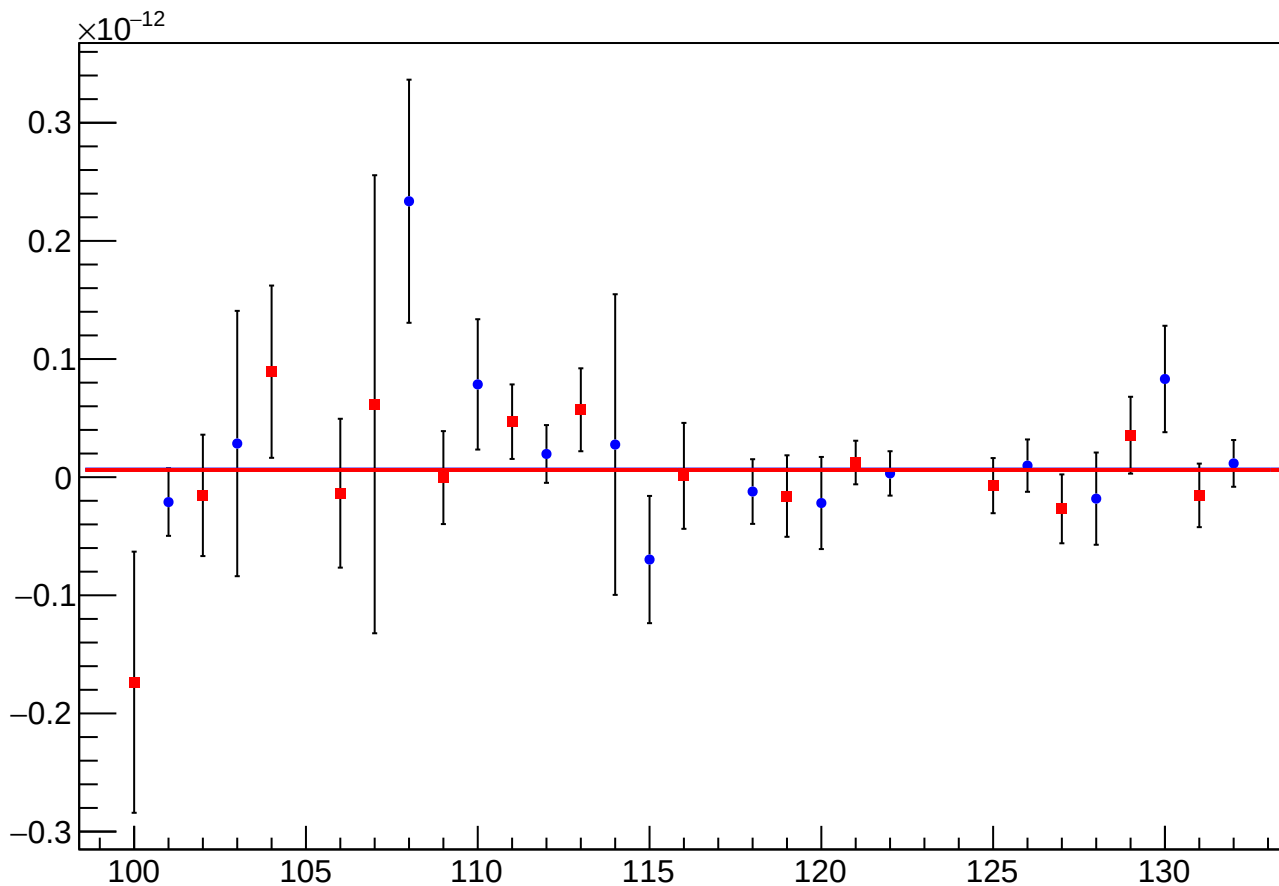
Right: 27.323+/-0.007 χ^2/NDF : 4123173.1/28

In: 28.067+/-0.009 χ^2/NDF : 1530202.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.323+/-0.007 χ^2/NDF : 4123173.1/28

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

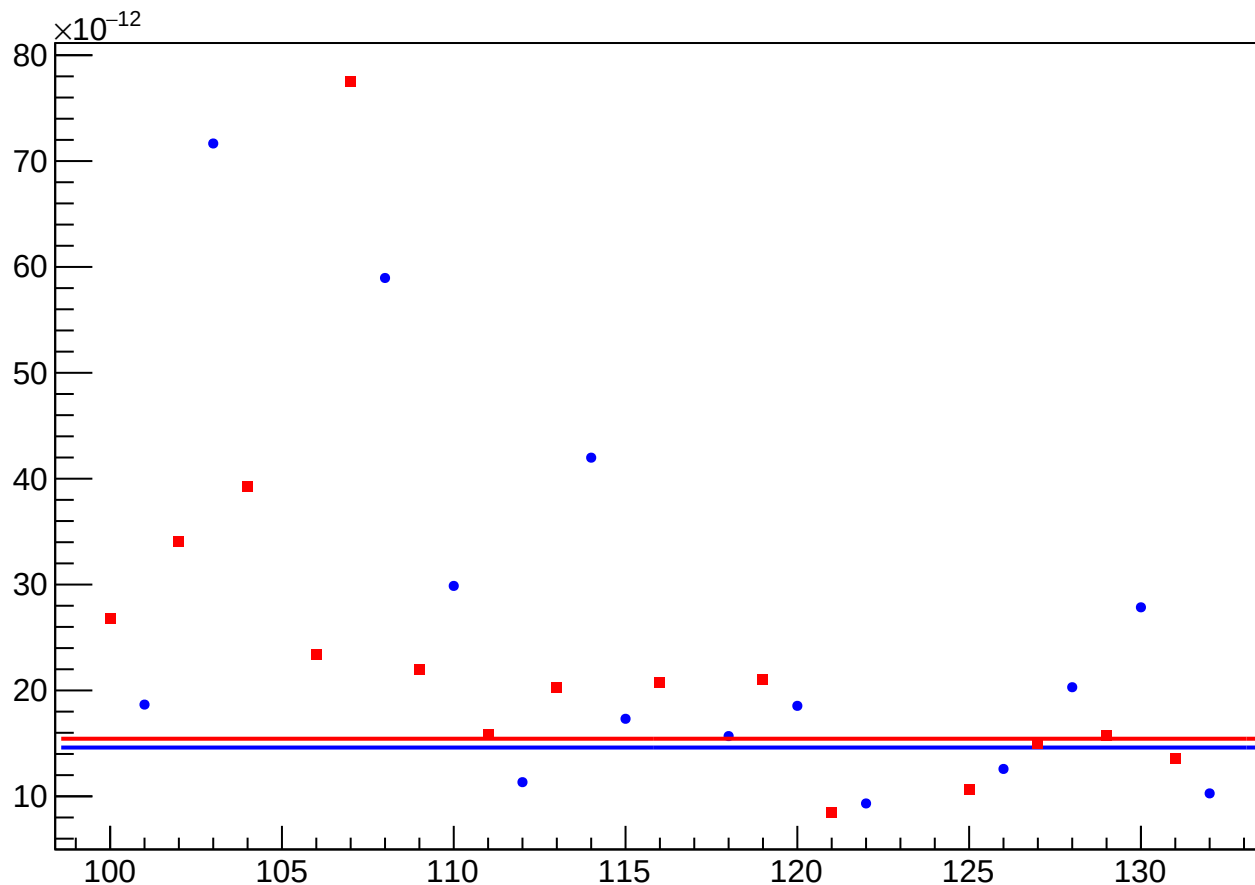
Right: 0.000+/-0.000 χ^2/NDF : 26.0/28

In: 0.000+/-0.000 χ^2/NDF : 14.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.0/28

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1723983.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1290476.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

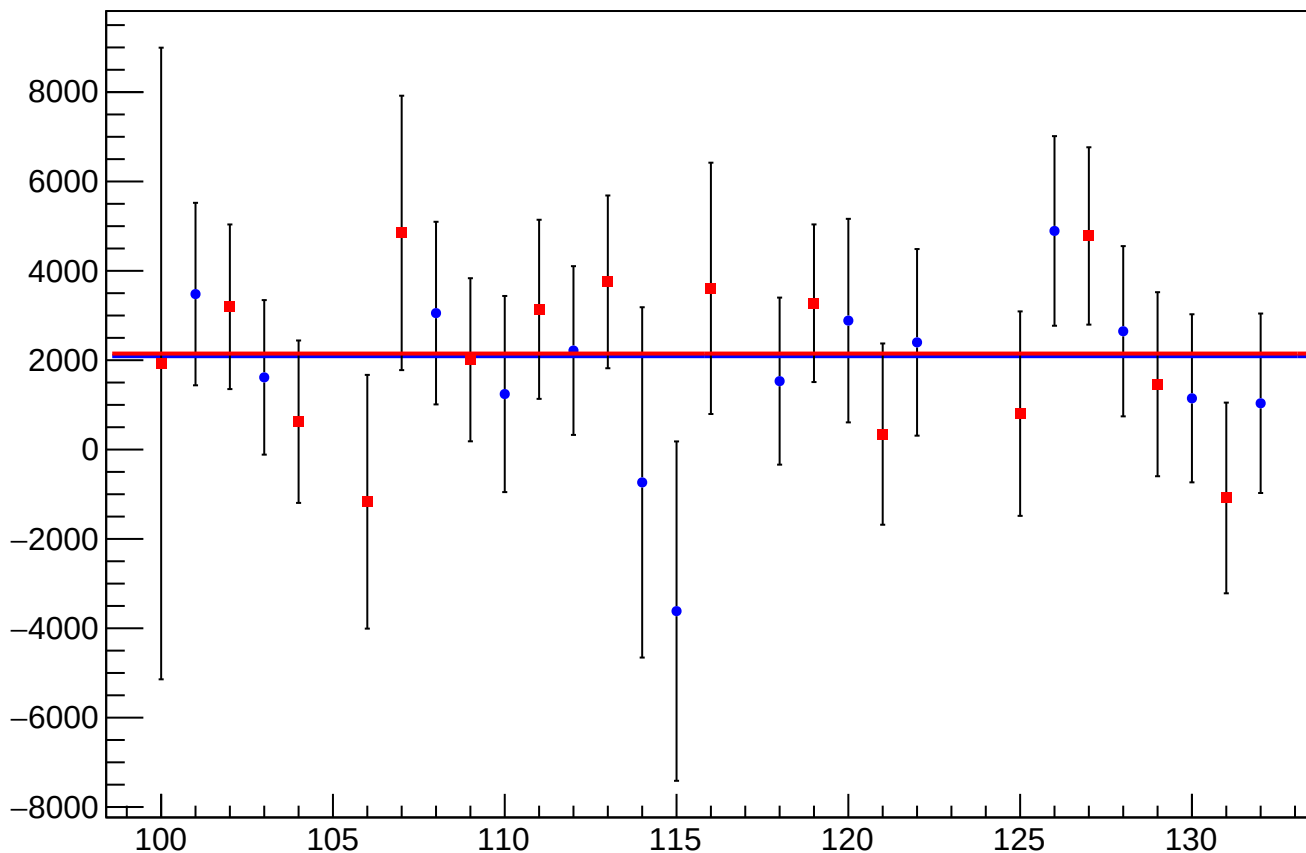
Right: 0.000+/-0.000 χ^2/NDF : 3023913.0/28

In: 0.000+/-0.000 χ^2/NDF : 1723983.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3023913.0/28

reg_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2089.762+/-561.455 χ^2/NDF : 6.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2148.686+/-554.277 χ^2/NDF : 10.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

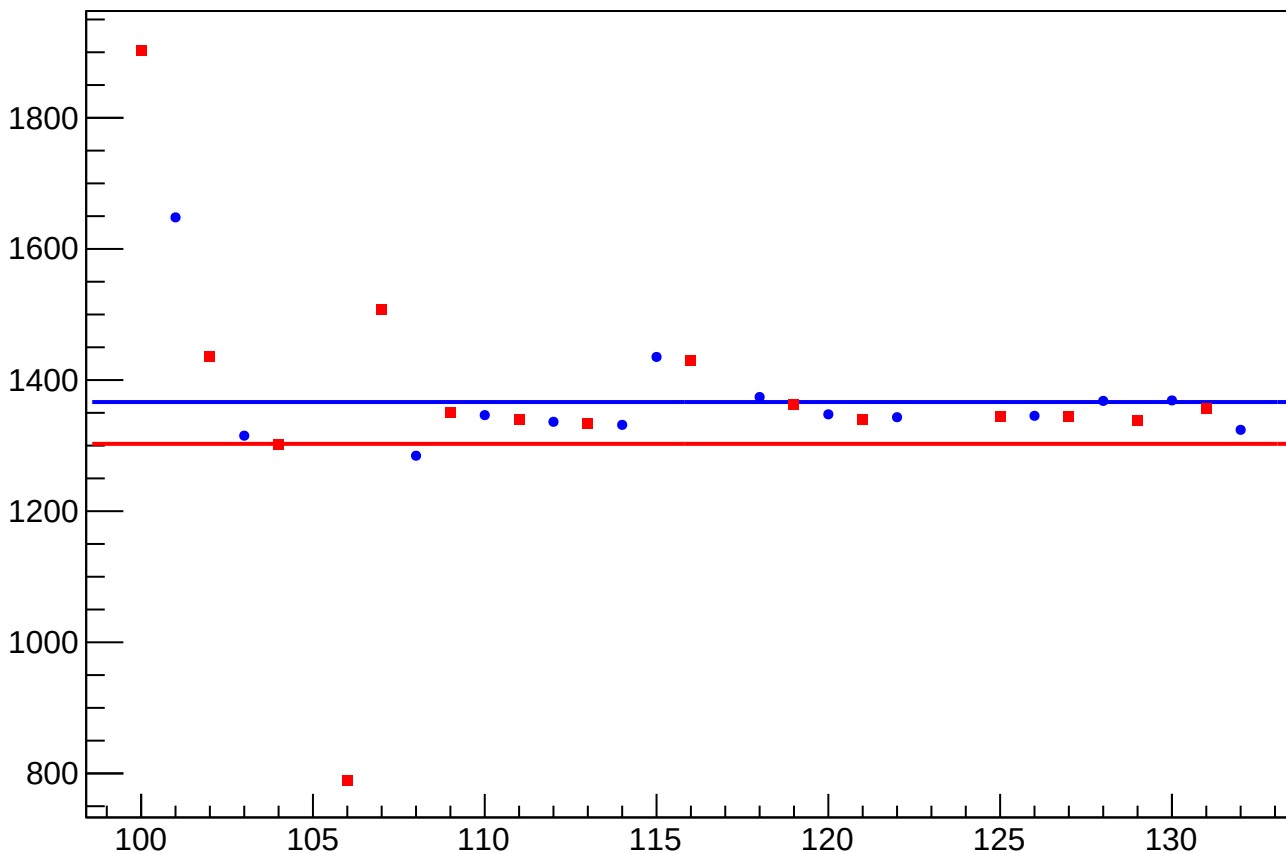
Right: 2119.603+/-394.447 χ^2/NDF : 16.4/28

In: 2089.762+/-561.455 χ^2/NDF : 6.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2119.603+/-394.447 χ^2/NDF : 16.4/28

reg_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1366.473+/-0.397 χ^2/NDF : 46006.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1302.705+/-0.378 χ^2/NDF : 240009.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

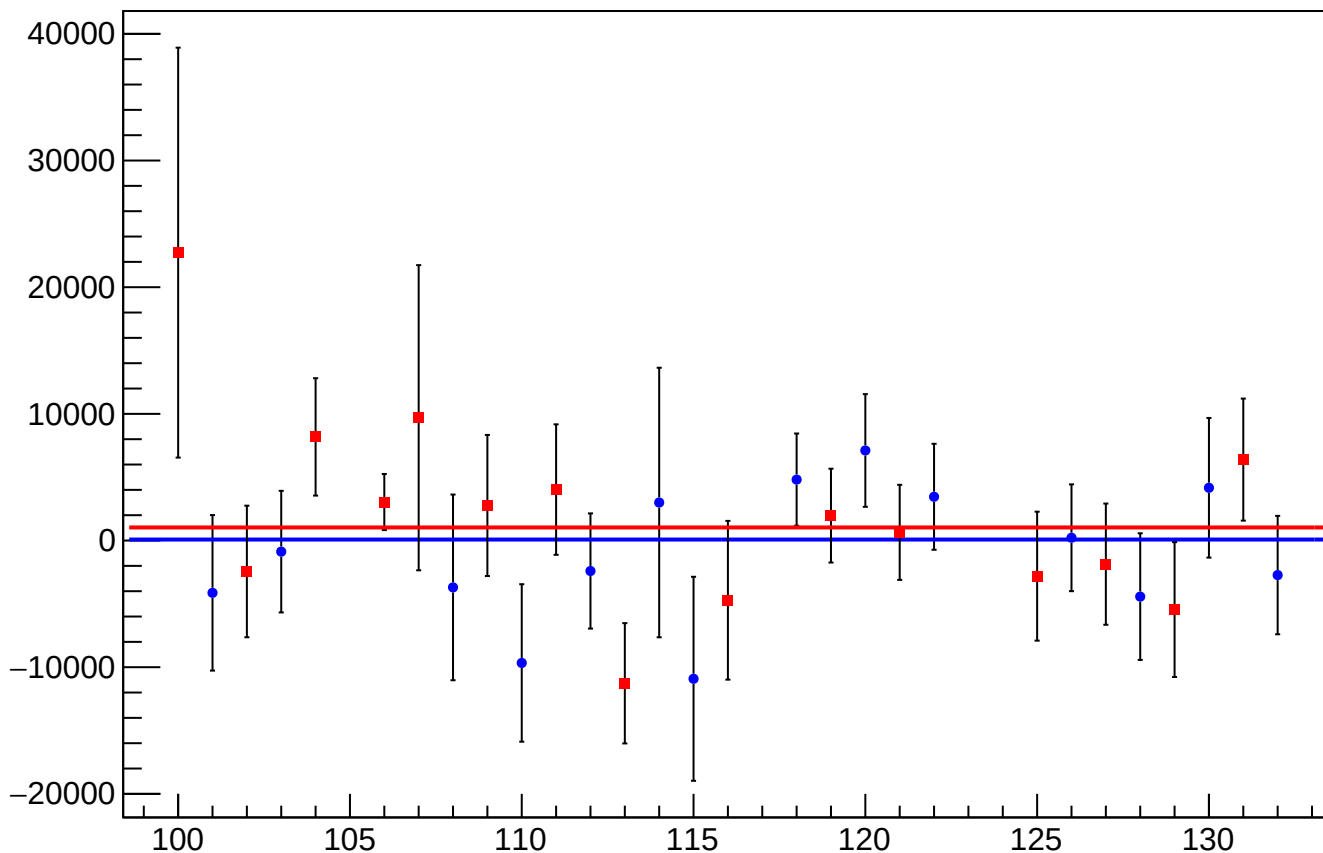
Right: 1333.031+/-0.274 χ^2/NDF : 299546.1/28

In: 1366.473+/-0.397 χ^2/NDF : 46006.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1333.031+/-0.274 χ^2/NDF : 299546.1/28

asym_usl_atl2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 78.598+/-1354.357 χ^2/NDF : 12.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1033.330+/-1160.419 χ^2/NDF : 17.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

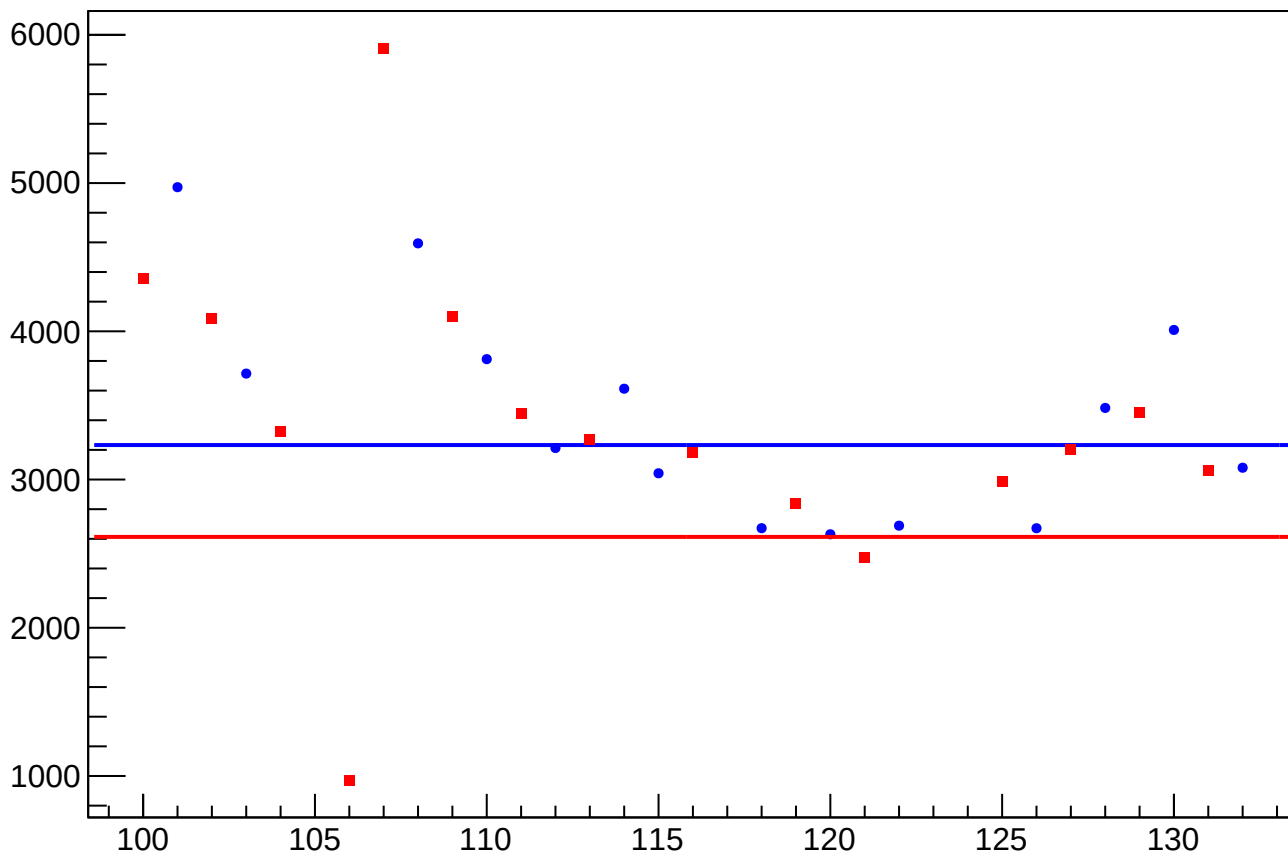
Right: 629.157+/-881.203 χ^2/NDF : 30.0/28

In: 78.598+/-1354.357 χ^2/NDF : 12.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 629.157+/-881.203 χ^2/NDF : 30.0/28

asym_usl_atl2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3232.649+/-0.958 χ^2/NDF : 470997.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2613.022+/-0.821 χ^2/NDF : 1849820.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

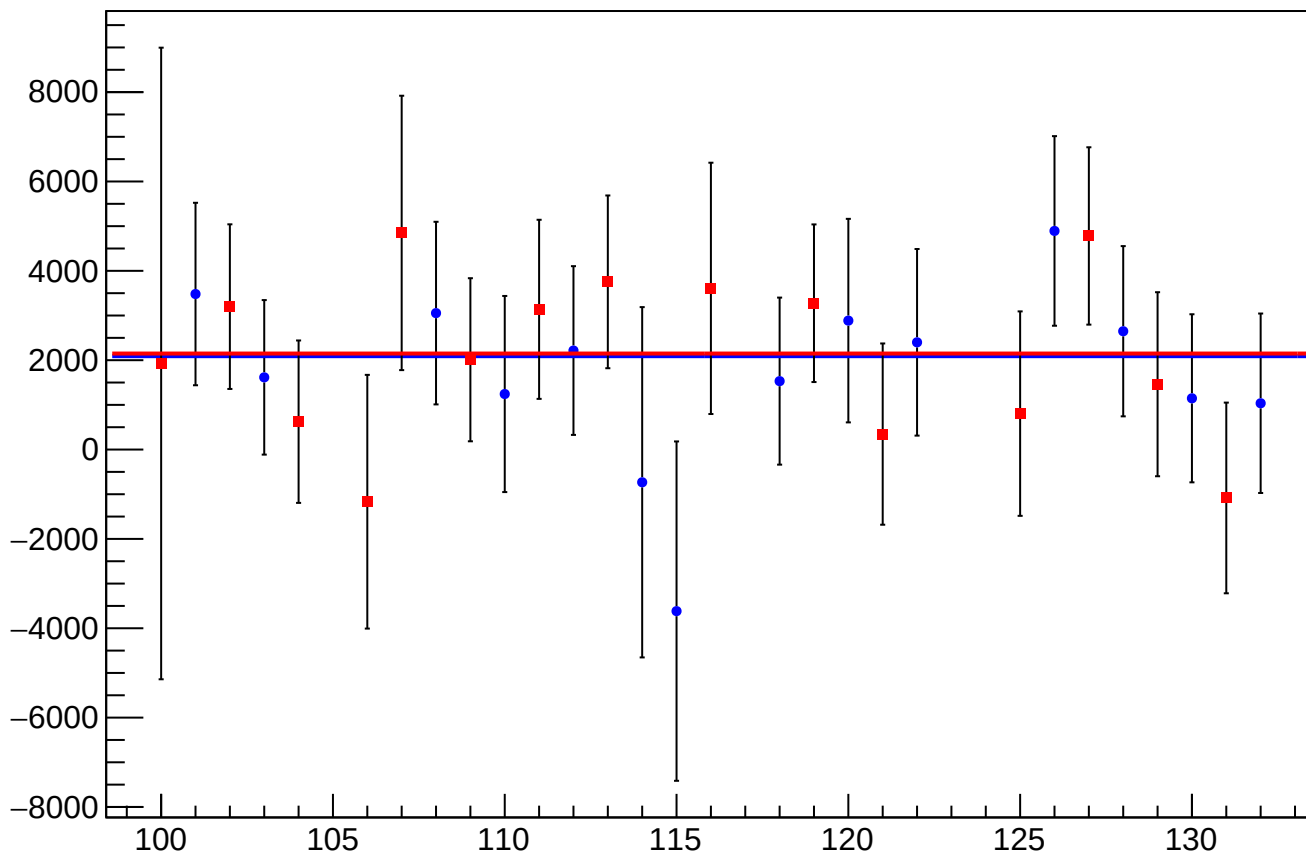
Right: 2875.333+/-0.623 χ^2/NDF : 2562223.4/28

In: 3232.649+/-0.958 χ^2/NDF : 470997.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2875.333+/-0.623 χ^2/NDF : 2562223.4/28

cor_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2089.904+/-561.455 χ^2/NDF : 6.3/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2148.862+/-554.281 χ^2/NDF : 10.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

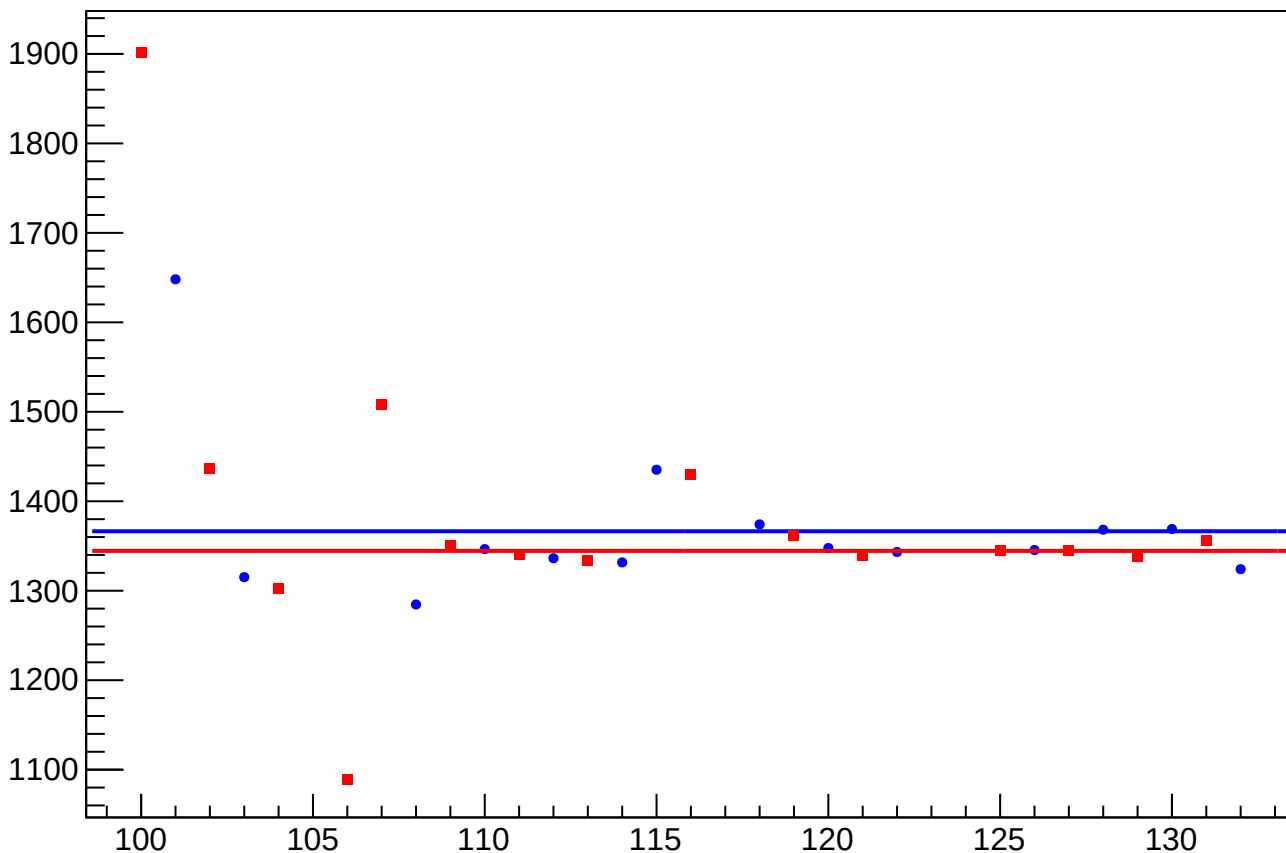
Right: 2119.762+/-394.448 χ^2/NDF : 16.4/28

In: 2089.904+/-561.455 χ^2/NDF :6.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2119.762+/-394.448 χ^2/NDF : 16.4/28

cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1366.472+/-0.397 χ^2/NDF : 46006.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1344.528+/-0.386 χ^2/NDF : 55708.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

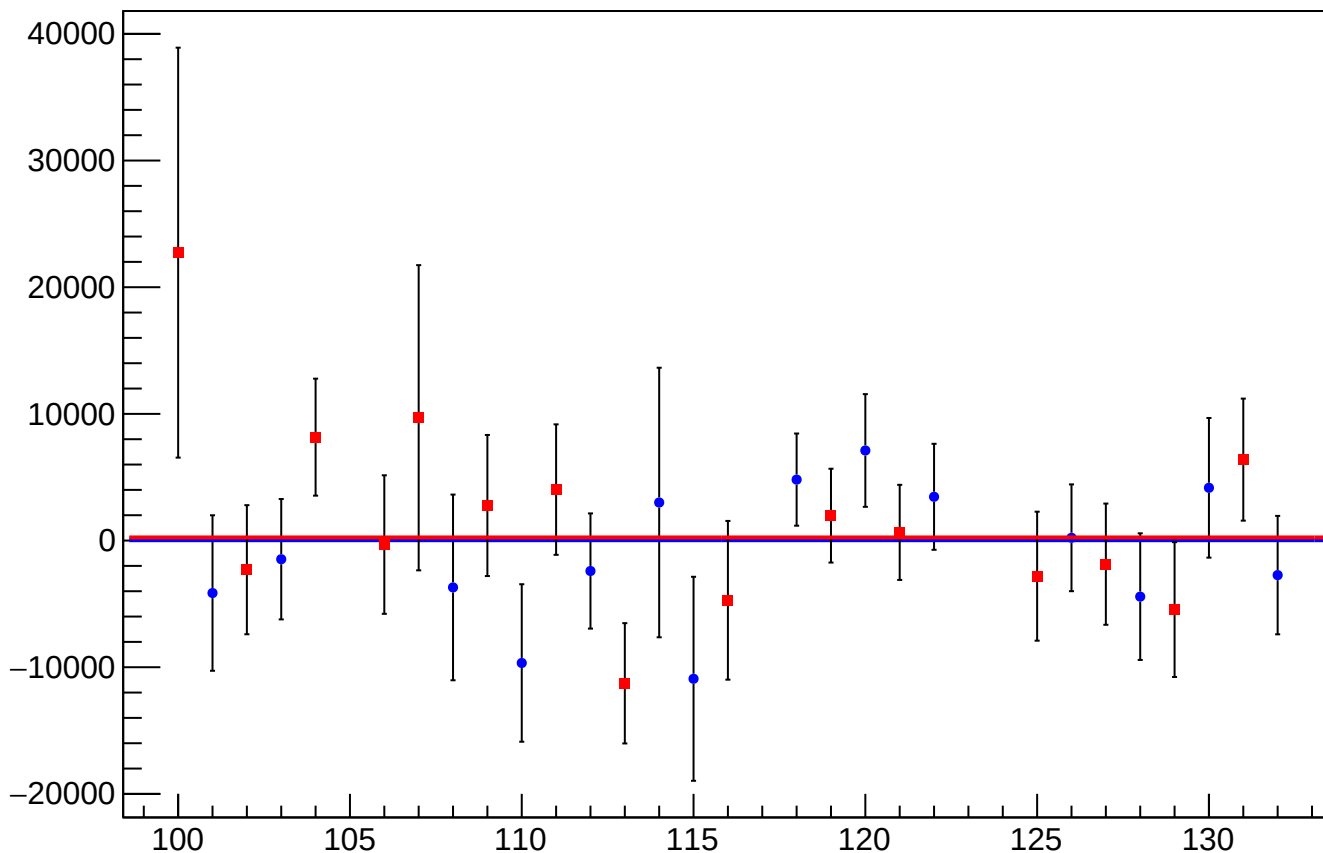
Right: 1355.192+/-0.277 χ^2/NDF : 103286.1/28

In: 1366.472+/-0.397 χ^2/NDF : 46006.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1355.192+/-0.277 χ^2/NDF : 103286.1/28

asym_usl_atl2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 28.184+/-1353.232 χ^2/NDF : 12.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 244.547+/-1320.089 χ^2/NDF : 16.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

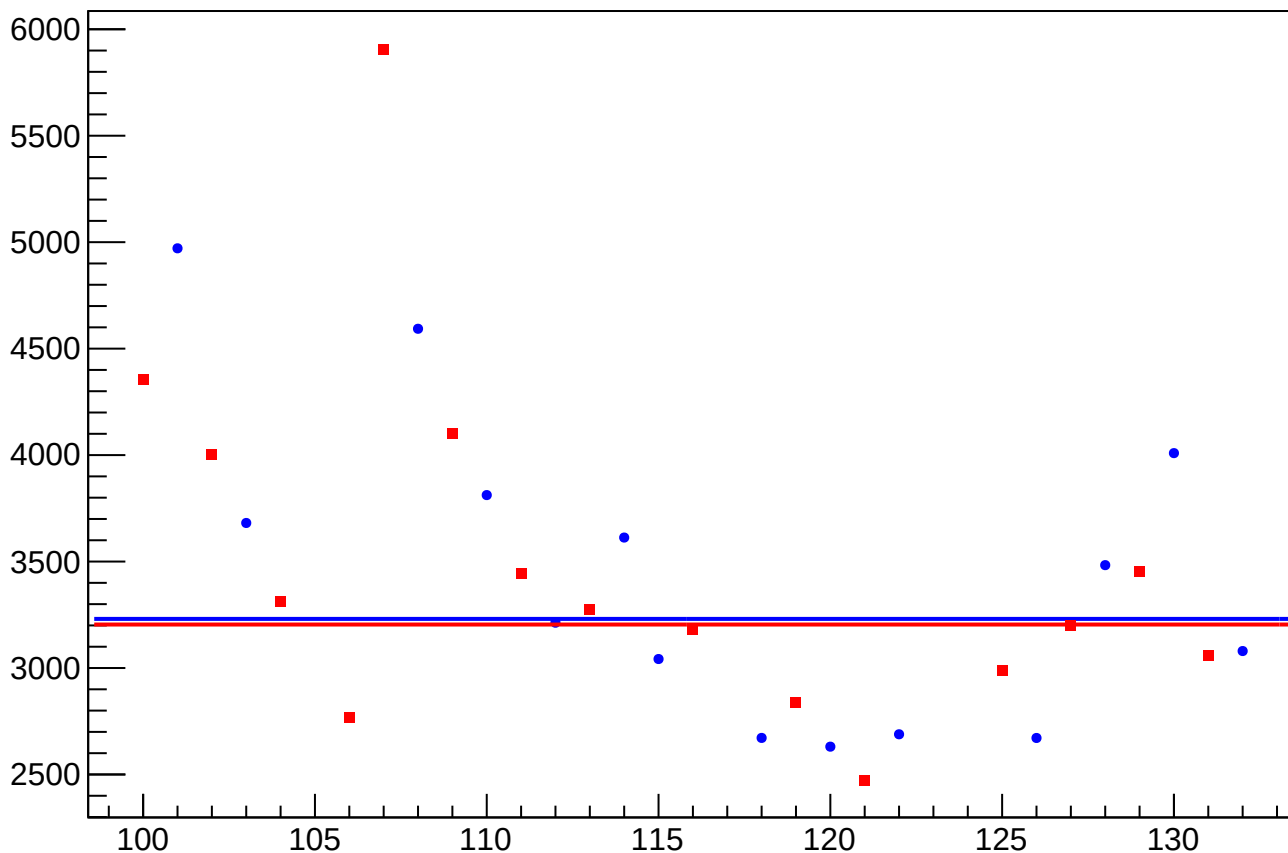
Right: 139.047+/-944.944 χ^2/NDF : 28.7/28

In: 28.184+/-1353.232 χ^2/NDF : 12.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.047+/-944.944 χ^2/NDF : 28.7/28

asym_usl_atl2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3230.704+/-0.957 χ^2/NDF : 468518.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3204.228+/-0.933 χ^2/NDF : 334983.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

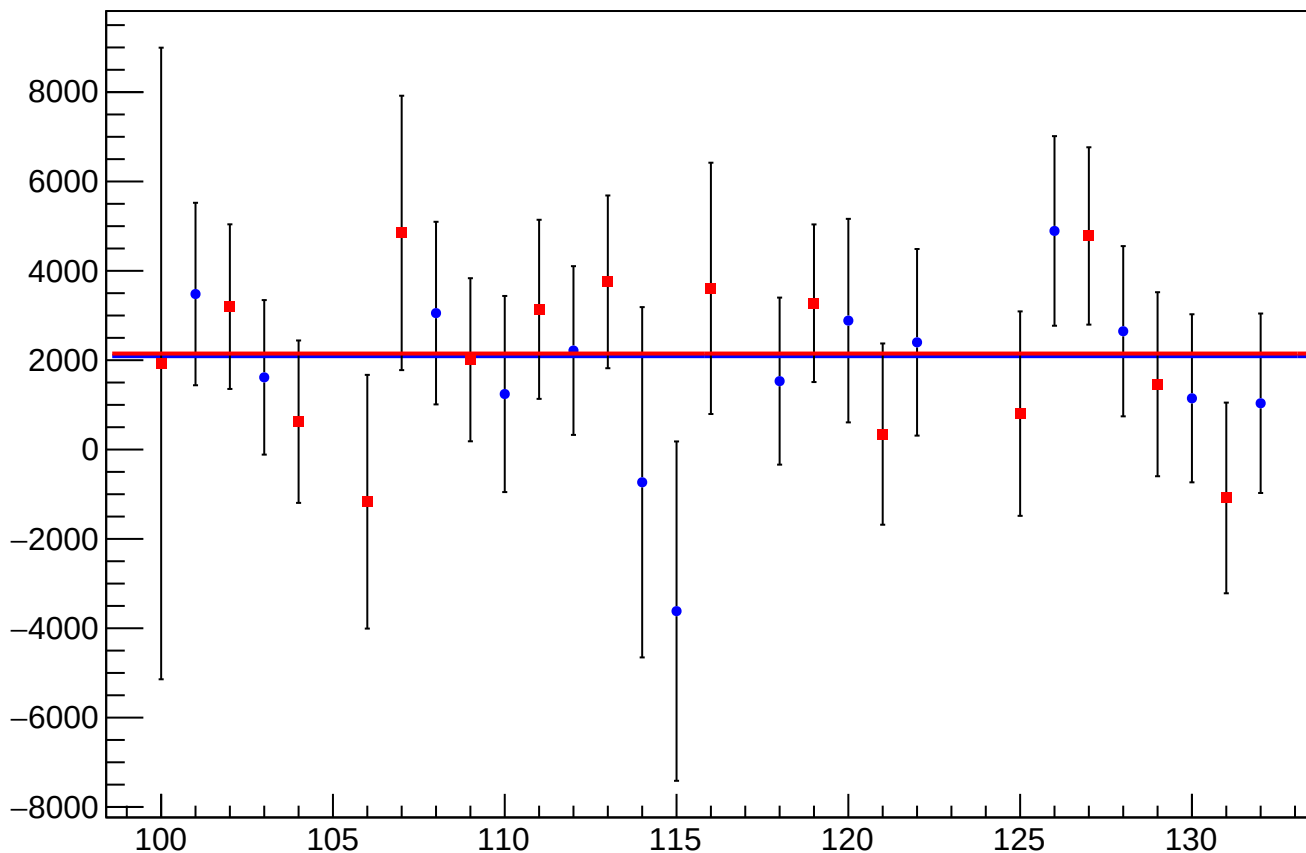
Right: 3217.138+/-0.668 χ^2/NDF : 803893.6/28

In: 3230.704+/-0.957 χ^2/NDF : 468518.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3217.138+/-0.668 χ^2/NDF : 803893.6/28

eigen_cor_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2089.904 $\pm$ 561.455 χ^2 /NDF: 6.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2148.862 $\pm$ 554.281 χ^2 /NDF: 10.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

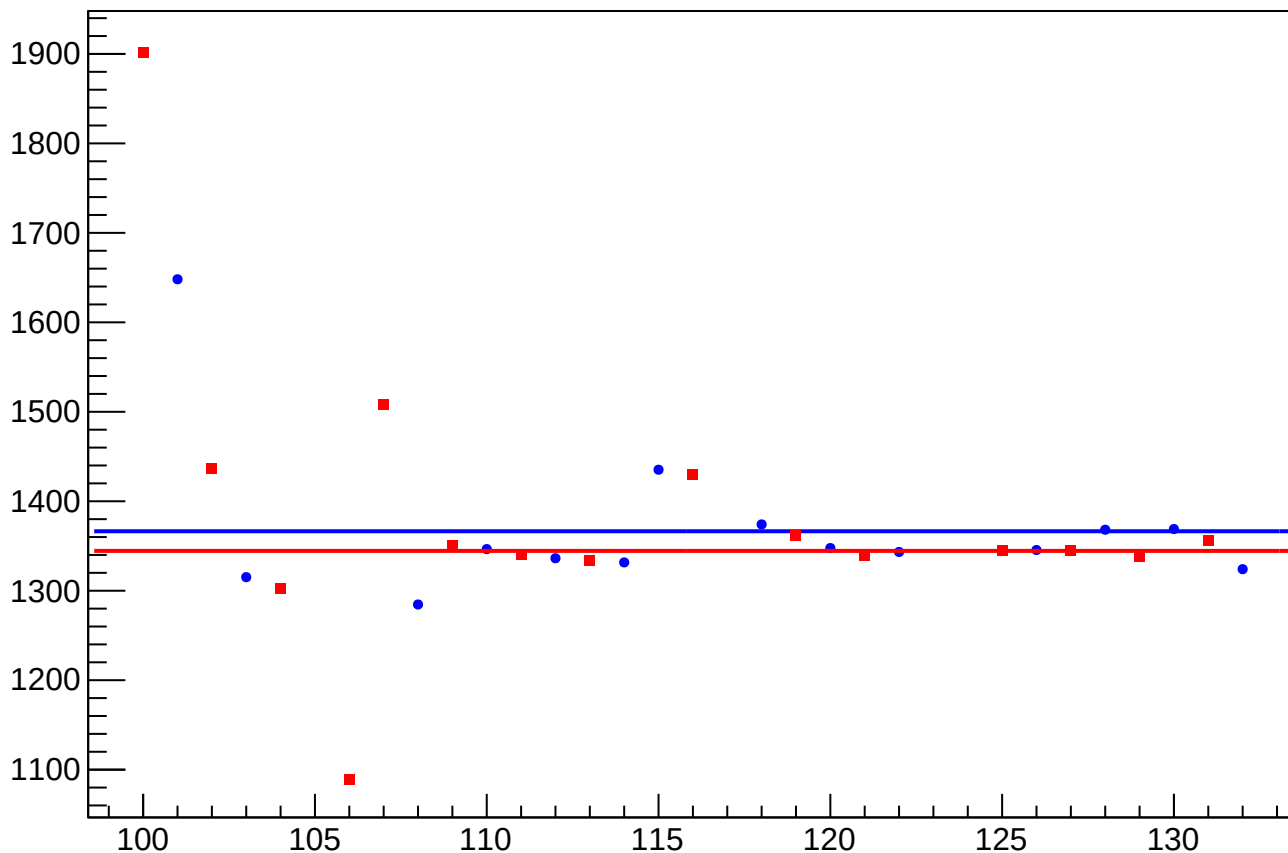
Right: 2119.762 $\pm$ 394.448 χ^2 /NDF: 16.4/28

In: 2089.904 $\pm$ 561.455 χ^2 /NDF:6.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2119.762 $\pm$ 394.448 χ^2 /NDF: 16.4/28

eigen_cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1366.472 ± 0.397 χ^2/NDF : 46006.7/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1344.528 ± 0.386 χ^2/NDF : 55708.9/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

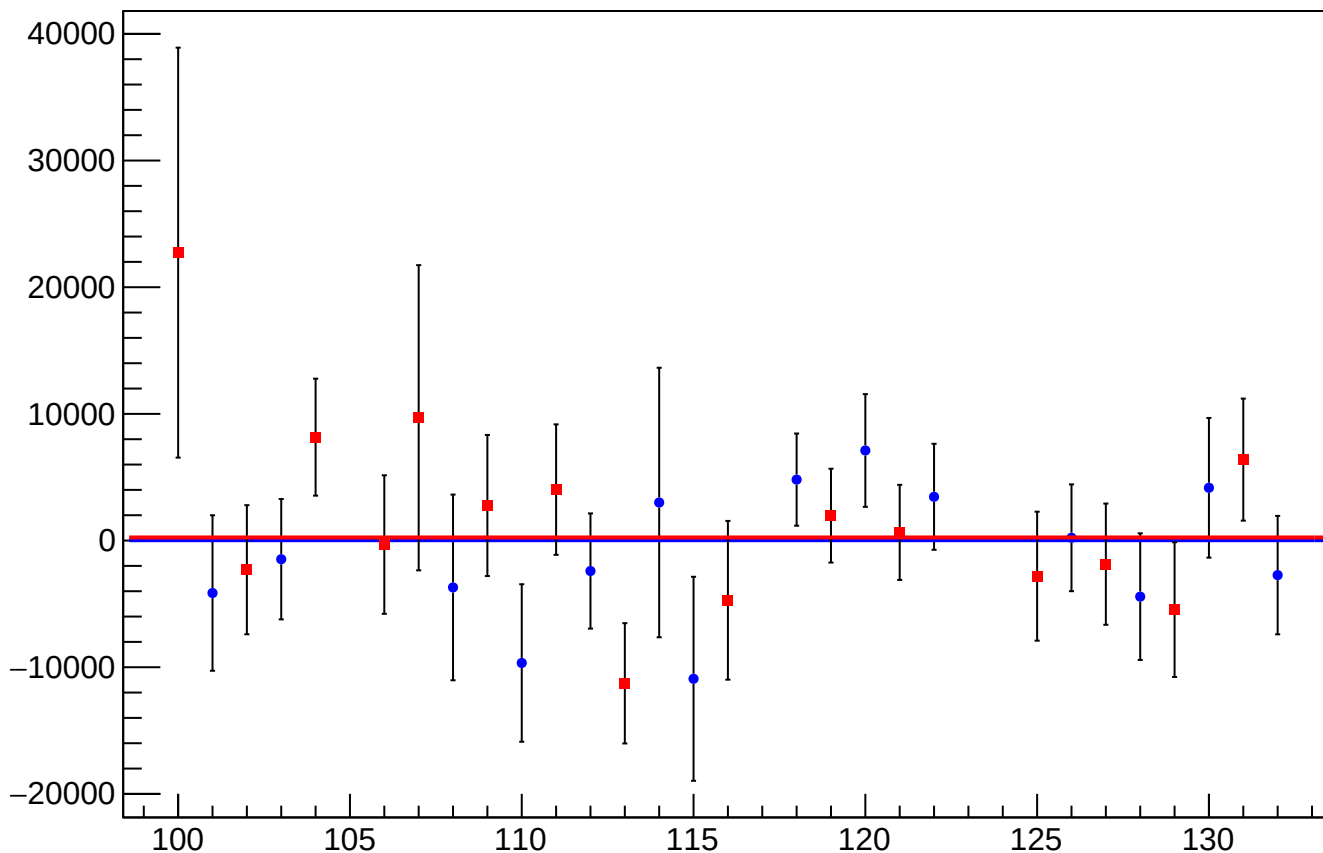
Right: 1355.192 ± 0.277 χ^2/NDF : 103286.1/28

In: 1366.472 ± 0.397 χ^2/NDF : 46006.7/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1355.192 ± 0.277 χ^2/NDF : 103286.1/28

asym_usl_atl2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 28.184+/-1353.232 χ^2/NDF : 12.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 244.547+/-1320.089 χ^2/NDF : 16.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

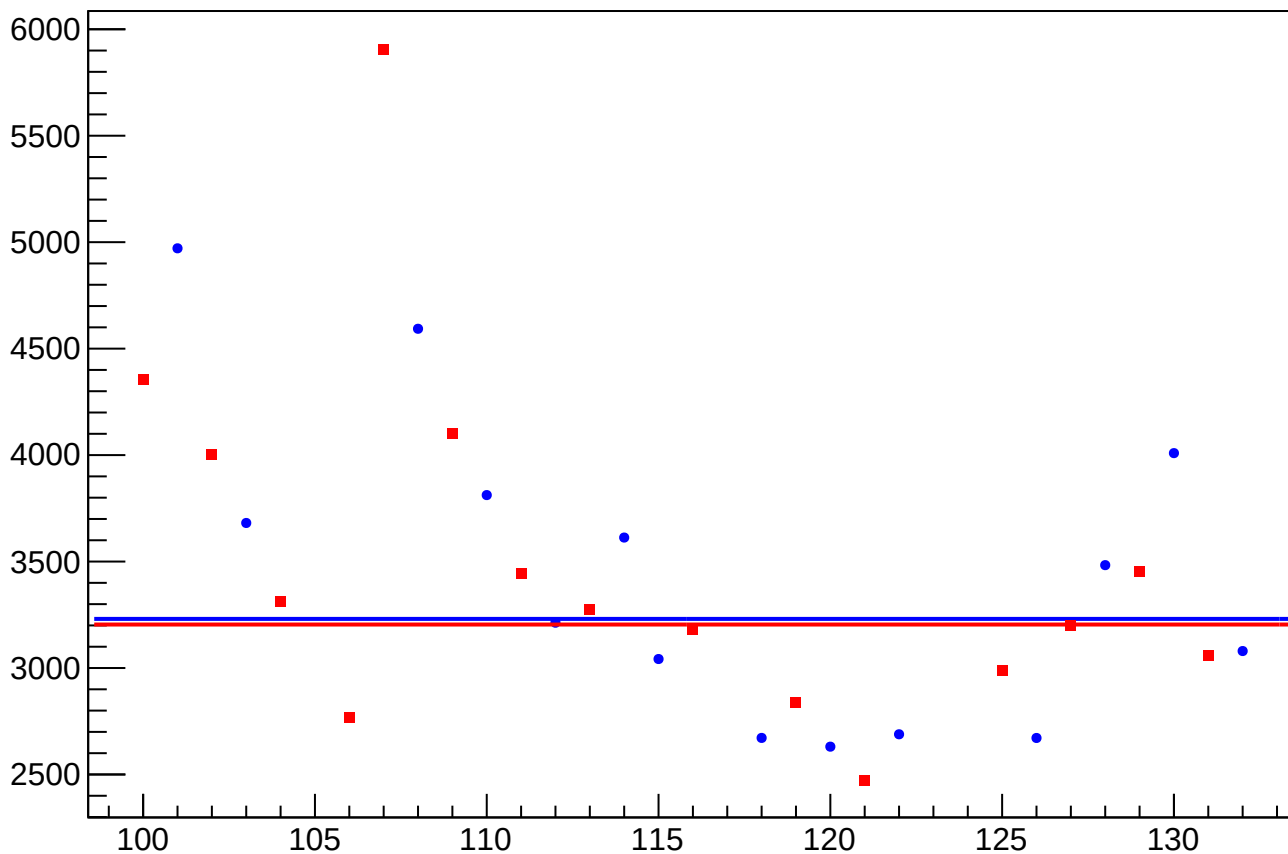
Right: 139.047+/-944.944 χ^2/NDF : 28.7/28

In: 28.184+/-1353.232 χ^2/NDF : 12.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.047+/-944.944 χ^2/NDF : 28.7/28

asym_usl_atl2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3230.704+/-0.957 χ^2/NDF : 468518.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3204.228+/-0.933 χ^2/NDF : 334983.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

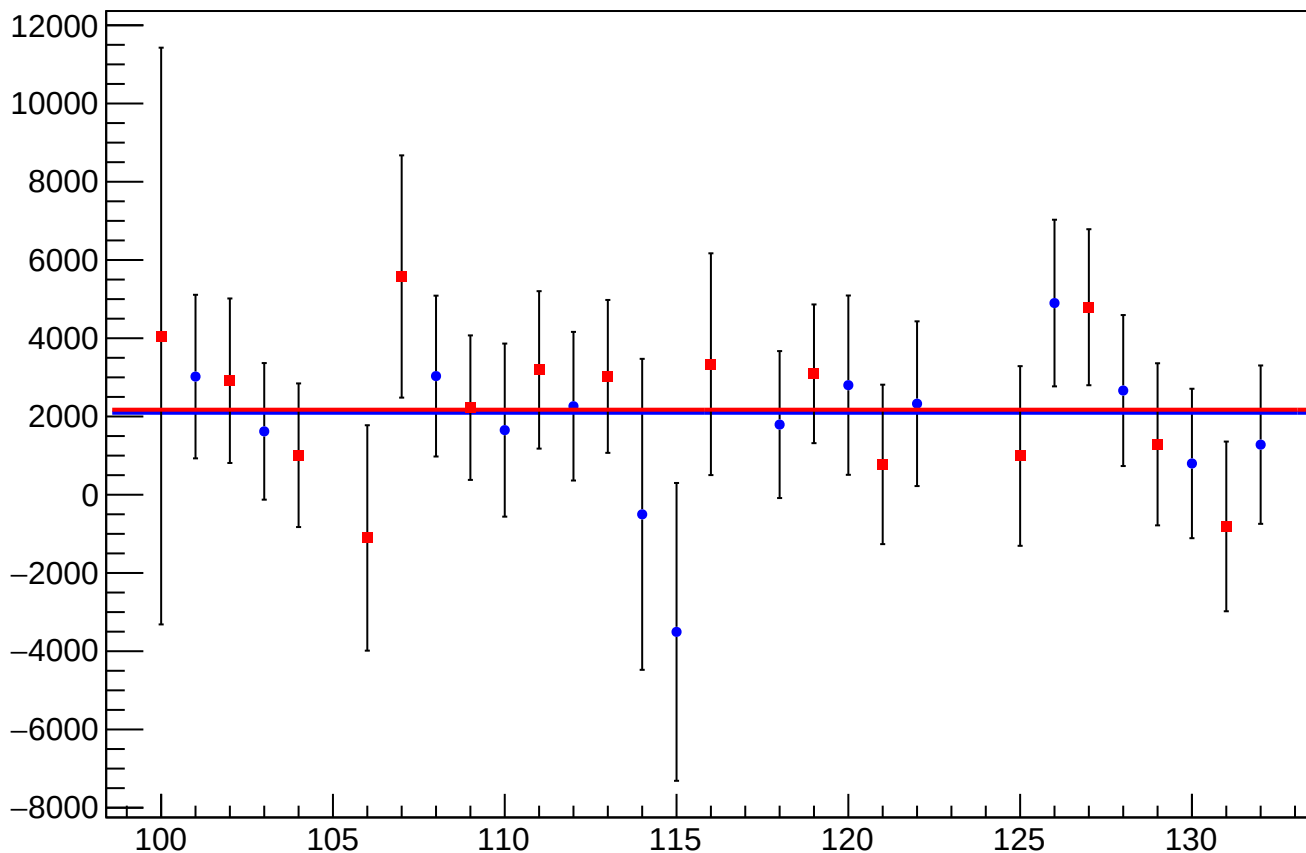
Right: 3217.138+/-0.668 χ^2/NDF : 803893.6/28

In: 3230.704+/-0.957 χ^2/NDF : 468518.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3217.138+/-0.668 χ^2/NDF : 803893.6/28

dit_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2095.149+/-566.674 χ^2/NDF : 5.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2173.586+/-564.481 χ^2/NDF : 8.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

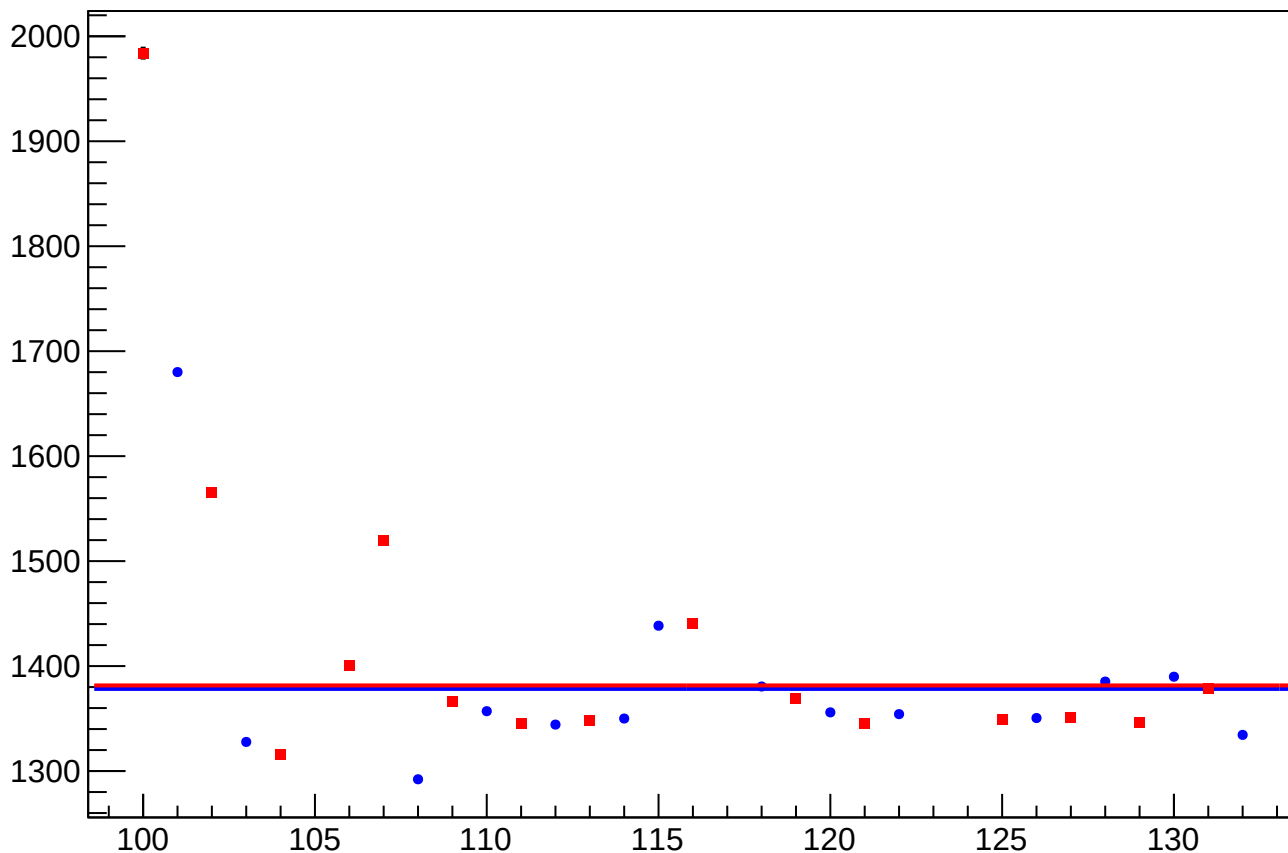
Right: 2134.519+/-399.921 χ^2/NDF : 14.2/28

In: 2095.149+/-566.674 χ^2/NDF : 5.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2134.519+/-399.921 χ^2/NDF : 14.2/28

dit_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1378.242+/-0.401 χ^2/NDF : 50130.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1381.554+/-0.398 χ^2/NDF : 39708.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

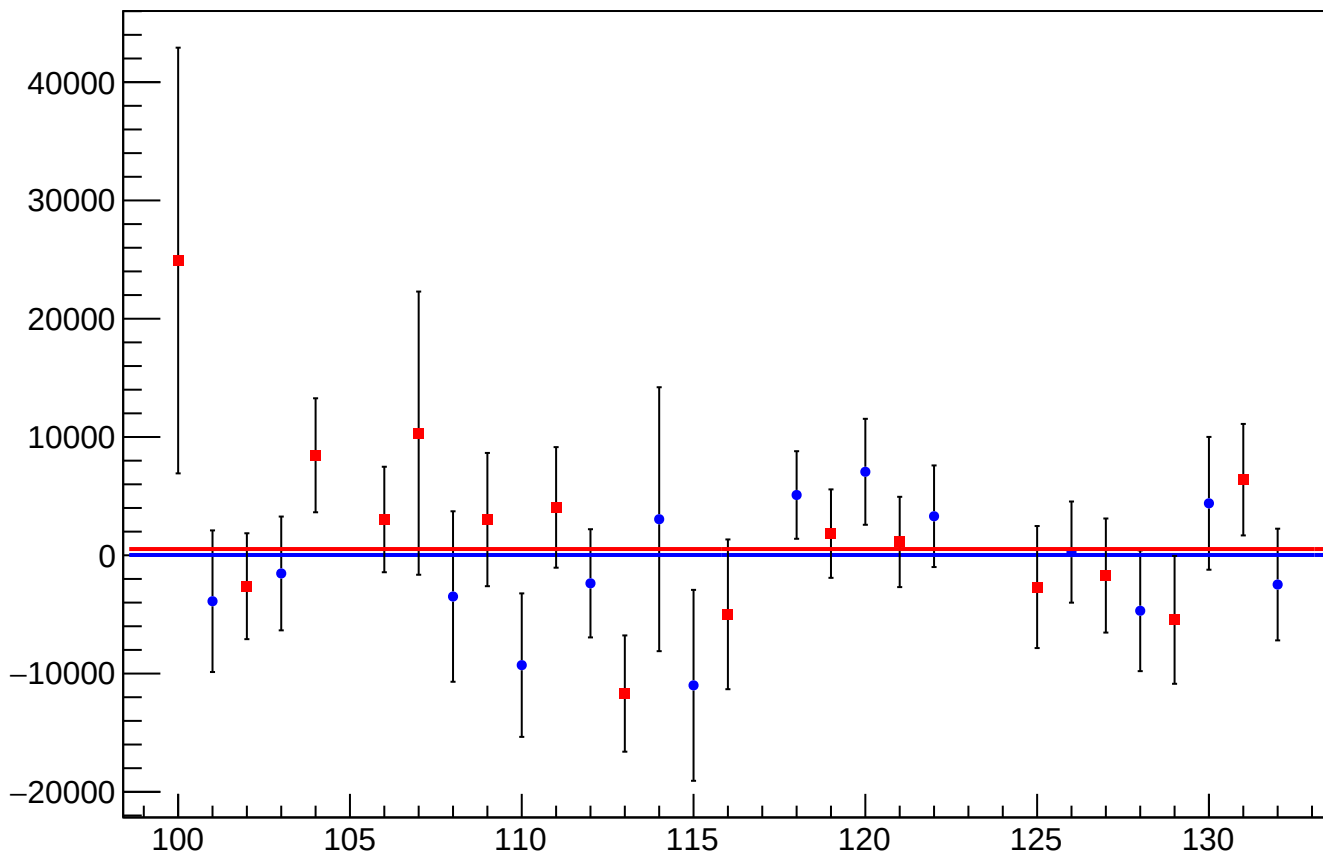
Right: 1379.909+/-0.282 χ^2/NDF : 89873.1/28

In: 1378.242+/-0.401 χ^2/NDF : 50130.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1379.909+/-0.282 χ^2/NDF : 89873.1/28

asym_usl_atl2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 26.126+/-1366.678 χ^2/NDF : 12.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 529.064+/-1302.245 χ^2/NDF : 17.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

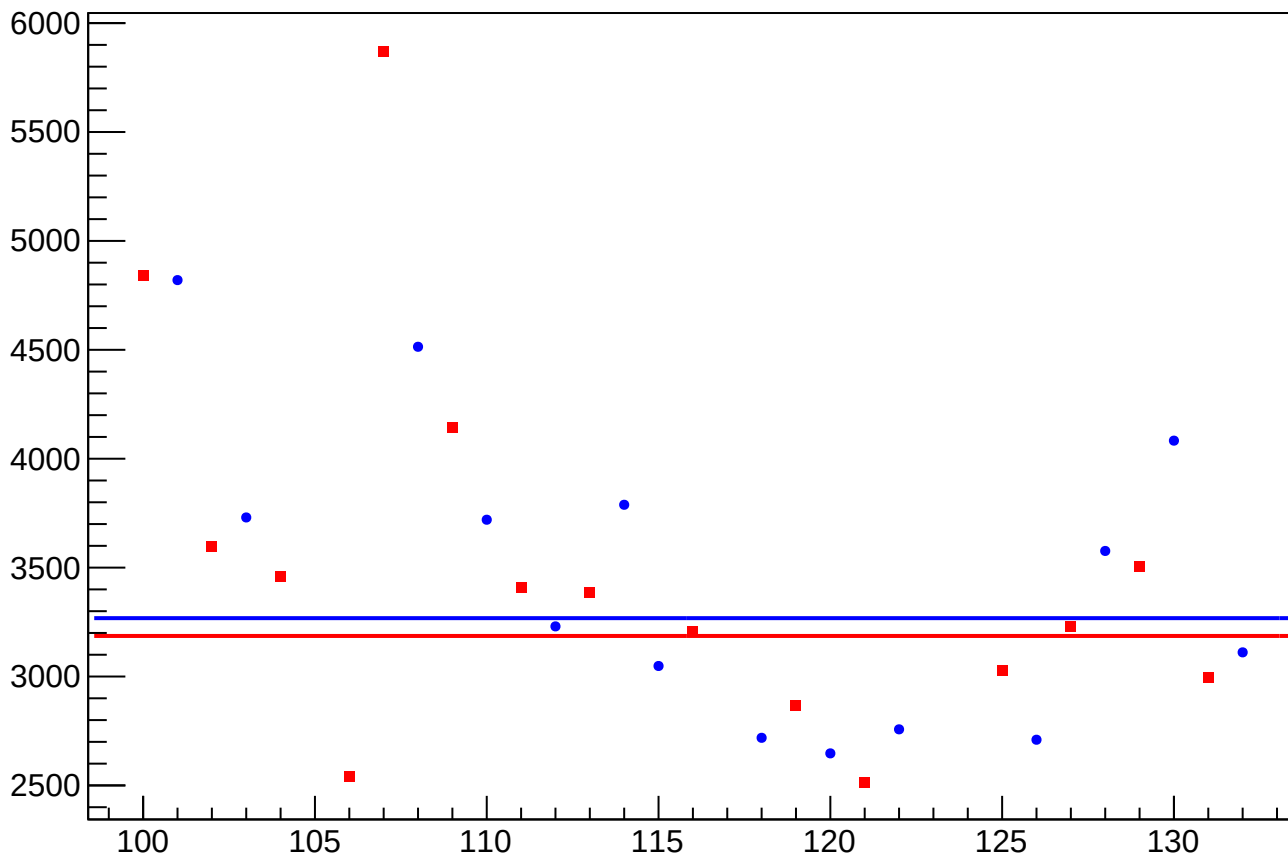
Right: 289.730+/-942.782 χ^2/NDF : 29.2/28

In: 26.126+/-1366.678 χ^2/NDF : 12.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 289.730+/-942.782 χ^2/NDF : 29.2/28

asym_usl_atl2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3268.017+/-0.966 χ^2/NDF : 426209.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3186.250+/-0.921 χ^2/NDF : 336705.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

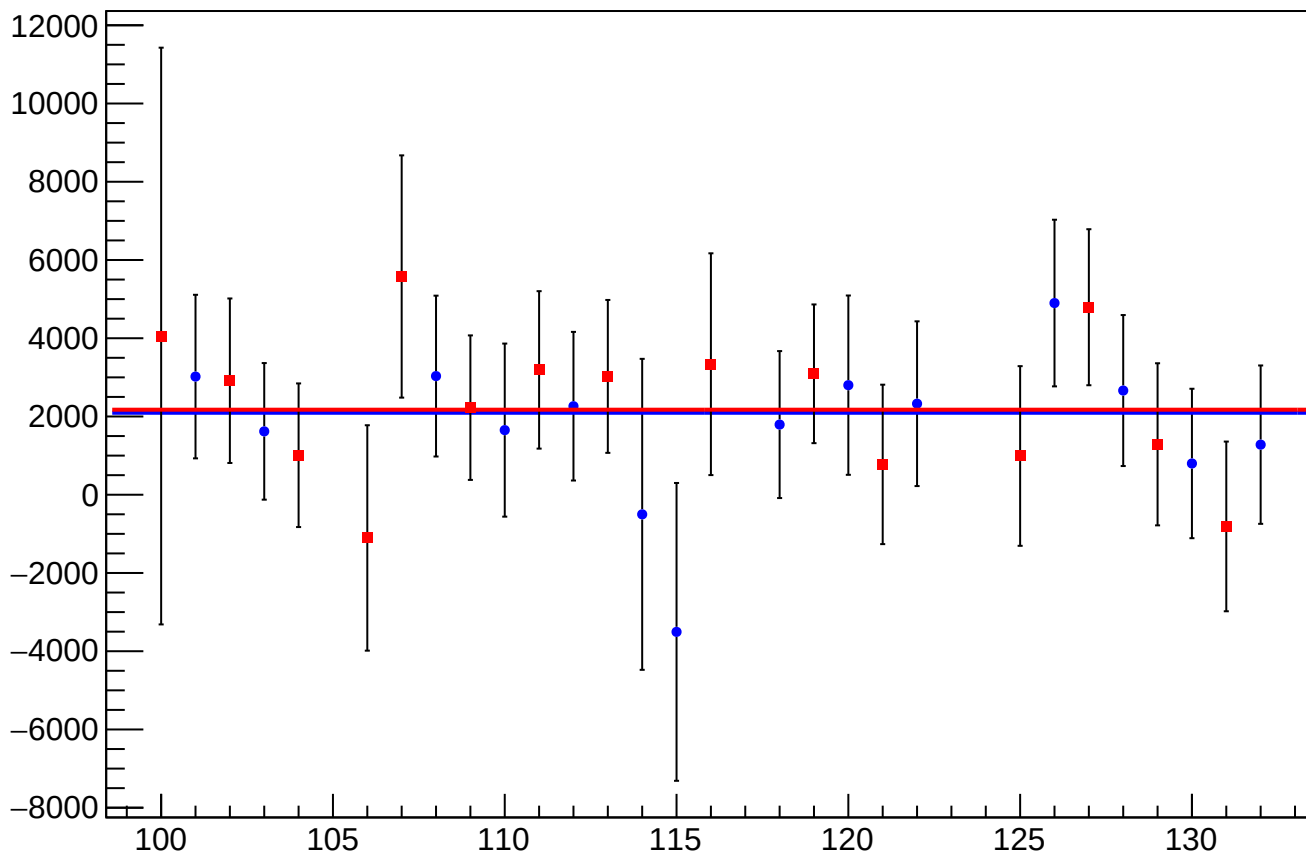
Right: 3225.160+/-0.667 χ^2/NDF : 766666.4/28

In: 3268.017+/-0.966 χ^2/NDF :426209.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3225.160+/-0.667 χ^2/NDF : 766666.4/28

eigen_dit_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2095.155+/-566.674 χ^2/NDF : 5.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2173.589+/-564.481 χ^2/NDF : 8.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

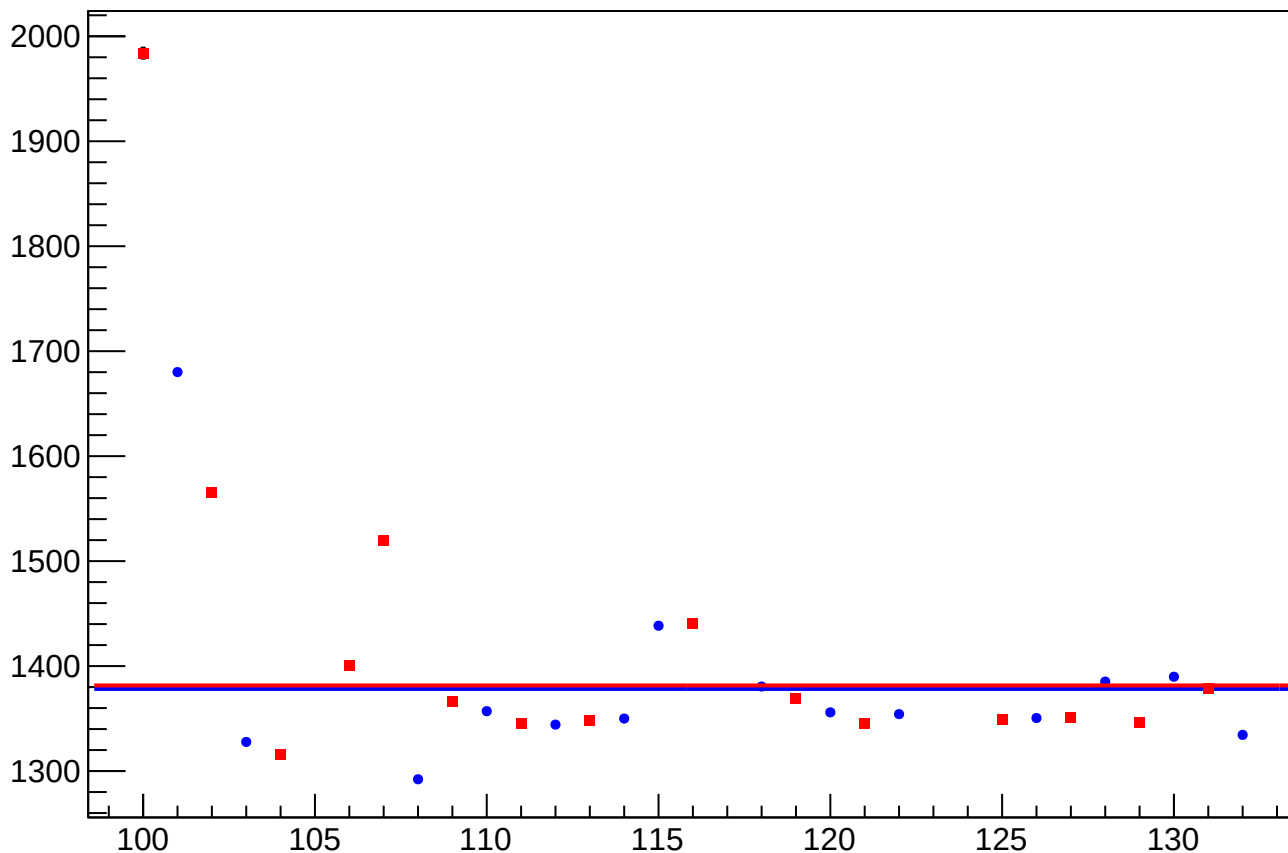
Right: 2134.524+/-399.921 χ^2/NDF : 14.2/28

In: 2095.155+/-566.674 χ^2/NDF : 5.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2134.524+/-399.921 χ^2/NDF : 14.2/28

eigen_dit_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1378.242+/-0.401 χ^2/NDF : 50130.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1381.554+/-0.398 χ^2/NDF : 39708.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

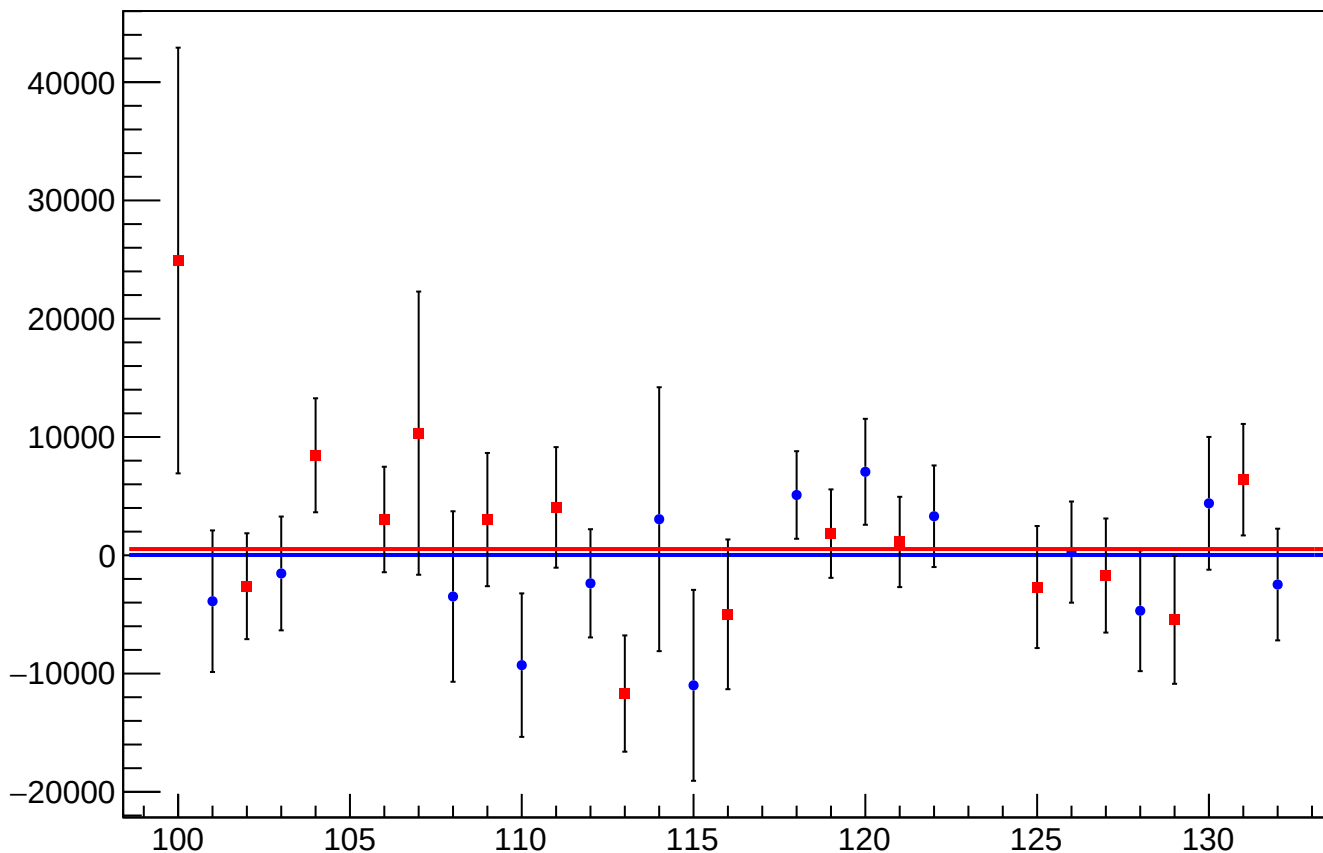
Right: 1379.909+/-0.282 χ^2/NDF : 89873.0/28

In: 1378.242+/-0.401 χ^2/NDF : 50130.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1379.909+/-0.282 χ^2/NDF : 89873.0/28

asym_usl_atl2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 26.130+/-1366.674 χ^2/NDF : 12.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 529.067+/-1302.241 χ^2/NDF : 17.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

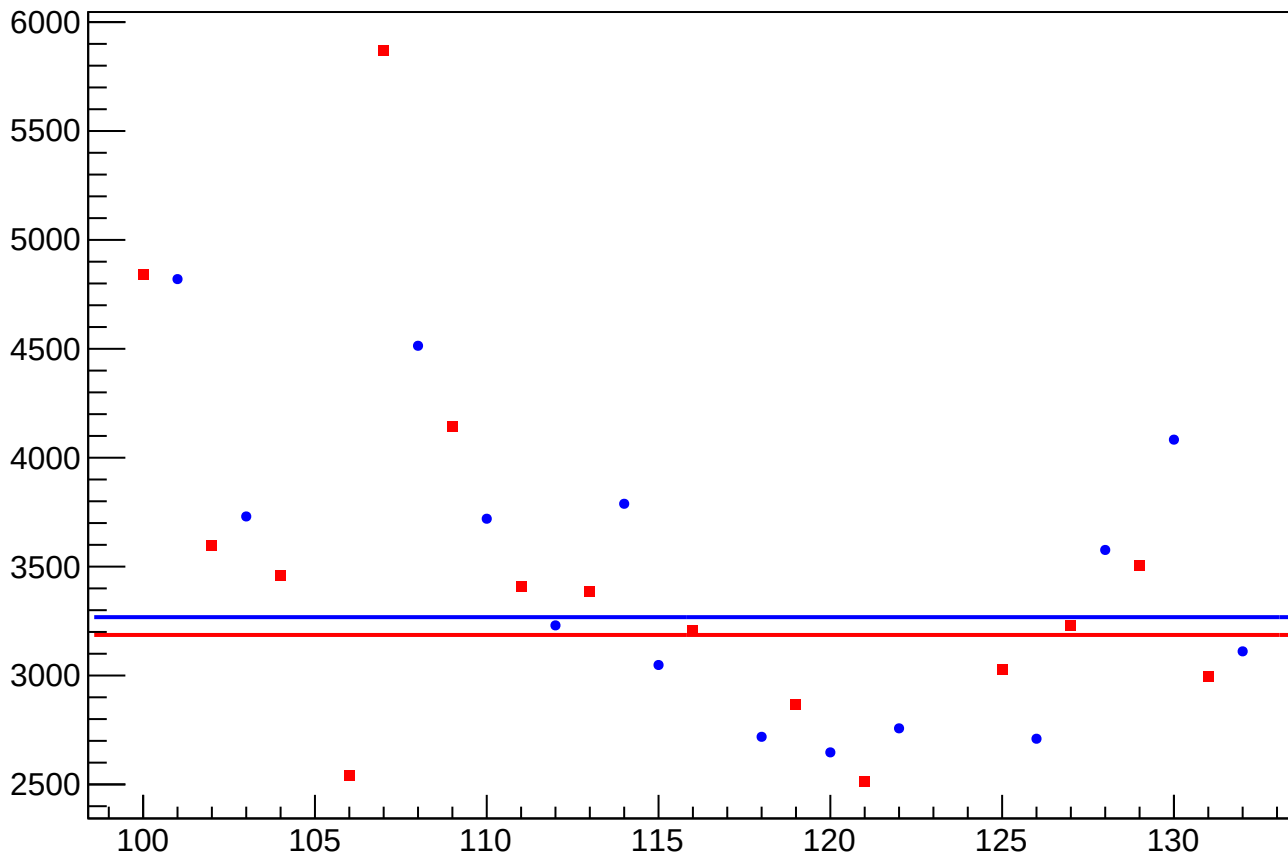
Right: 289.733+/-942.779 χ^2/NDF : 29.2/28

In: 26.130+/-1366.674 χ^2/NDF : 12.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 289.733+/-942.779 χ^2/NDF : 29.2/28

asym_usl_atl2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3268.005+/-0.966 χ^2/NDF : 426213.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3186.240+/-0.921 χ^2/NDF : 336706.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

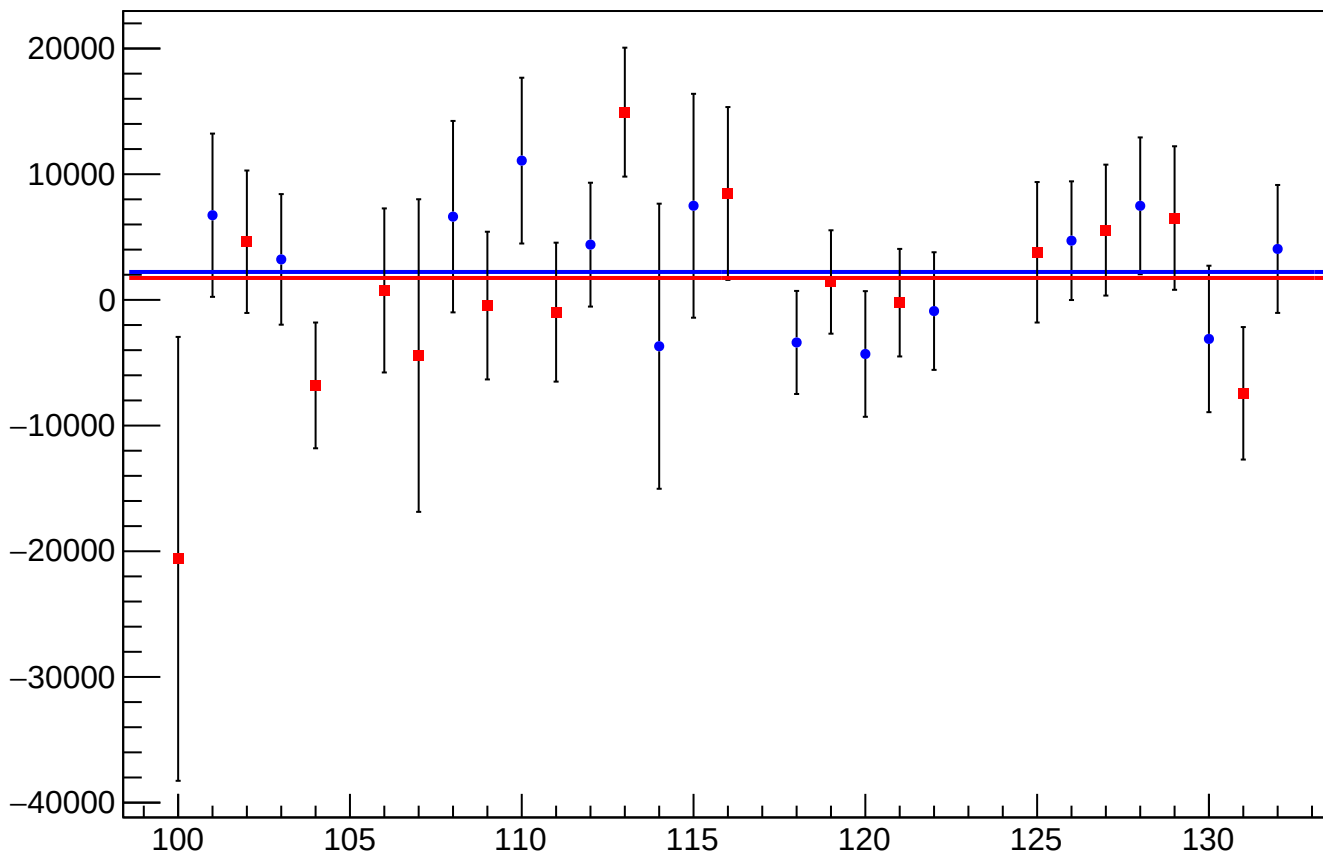
Right: 3225.150+/-0.667 χ^2/NDF : 766671.8/28

In: 3268.005+/-0.966 χ^2/NDF : 426213.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3225.150+/-0.667 χ^2/NDF : 766671.8/28

asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2221.322+/-1483.517 χ^2/NDF : 9.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1743.754+/-1451.938 χ^2/NDF : 17.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

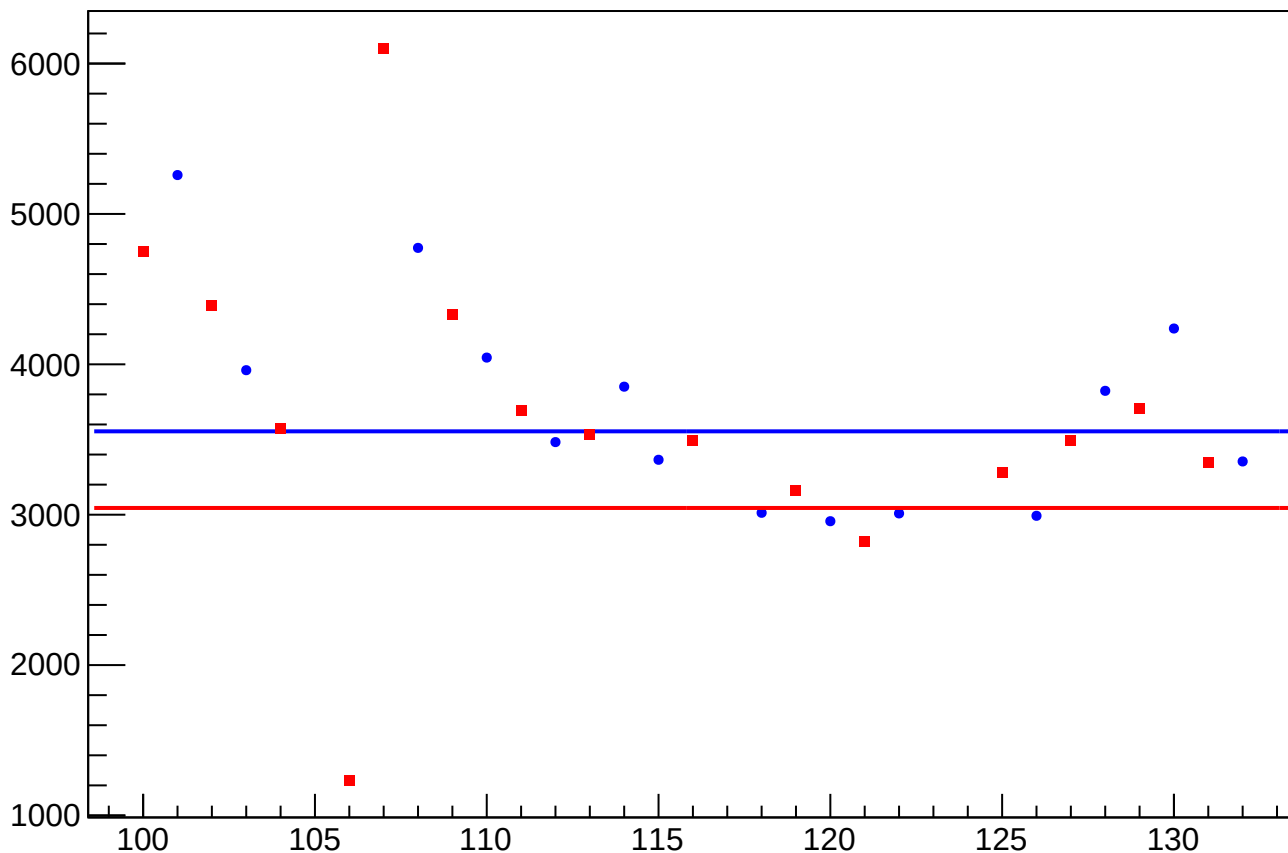
Right: 1977.401+/-1037.660 χ^2/NDF : 27.3/28

In: 2221.322+/-1483.517 χ^2/NDF : 9.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1977.401+/-1037.660 χ^2/NDF : 27.3/28

asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 3554.382+/-1.049 χ^2/NDF : 369567.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3044.824+/-0.933 χ^2/NDF : 1296706.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

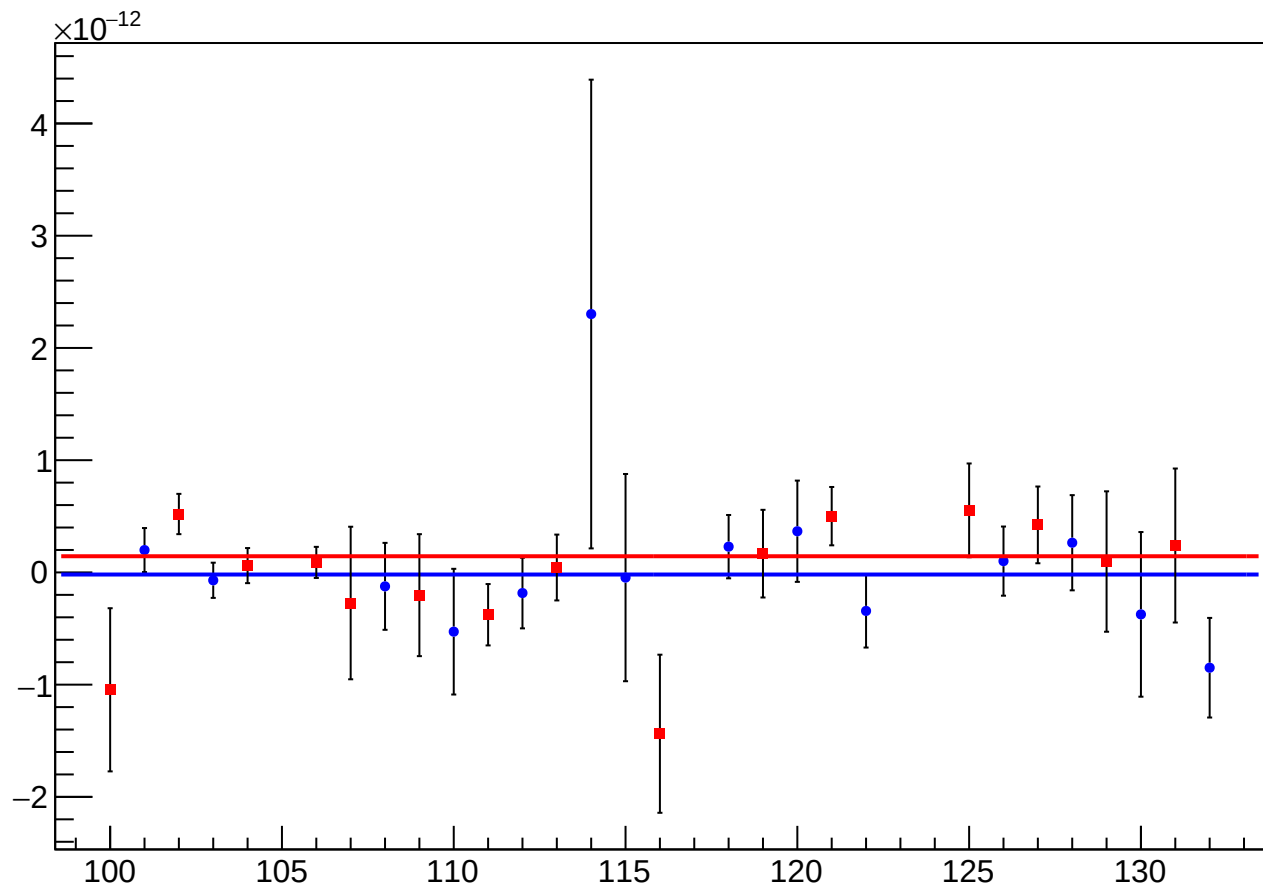
Right: 3269.791+/-0.697 χ^2/NDF : 1798056.8/28

In: 3554.382+/-1.049 χ^2/NDF : 369567.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3269.791+/-0.697 χ^2/NDF : 1798056.8/28

asym_usl_atl2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 20.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

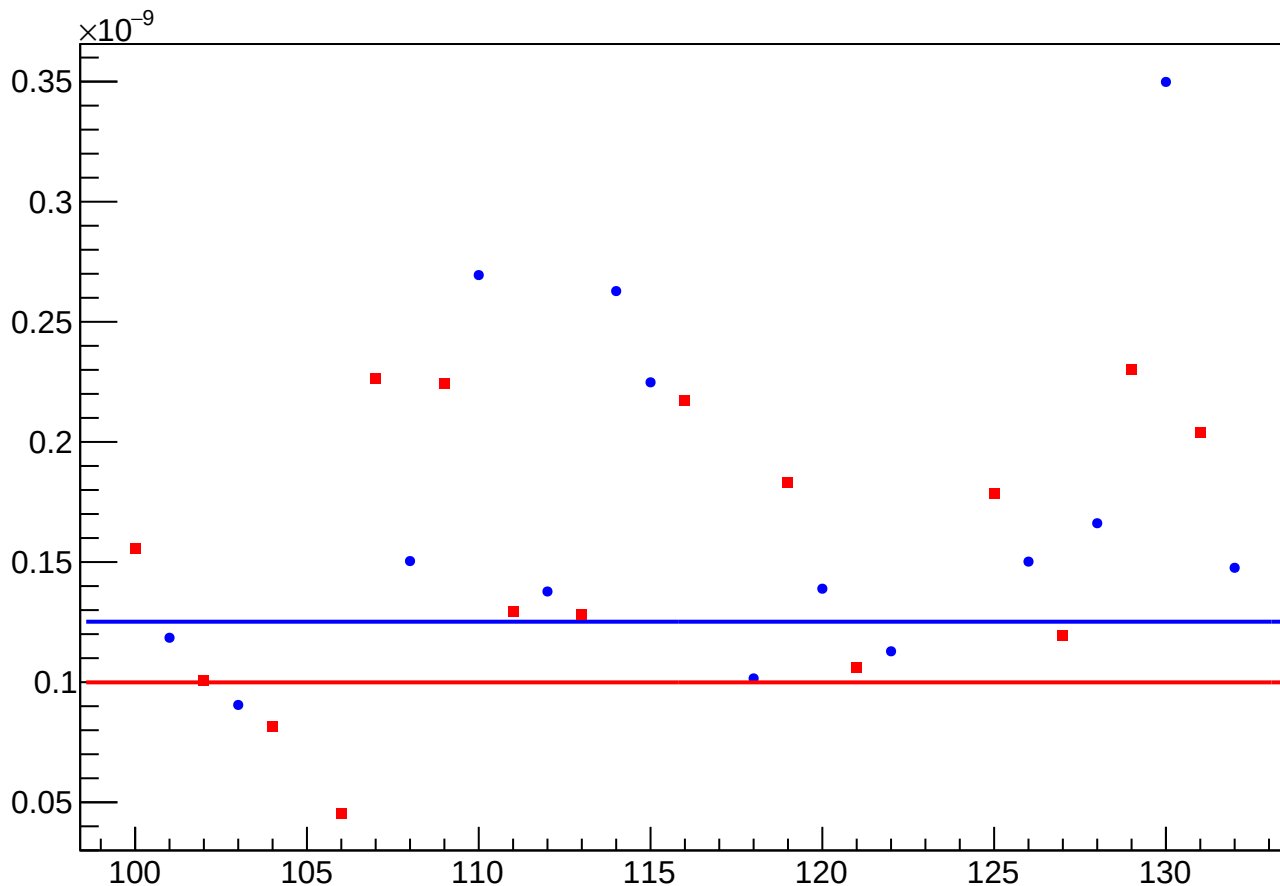
Right: 0.000+/-0.000 χ^2/NDF : 33.4/28

In: -0.000+/-0.000 χ^2/NDF : 10.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.4/28

asym_usl_atl2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 519675.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 923385.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

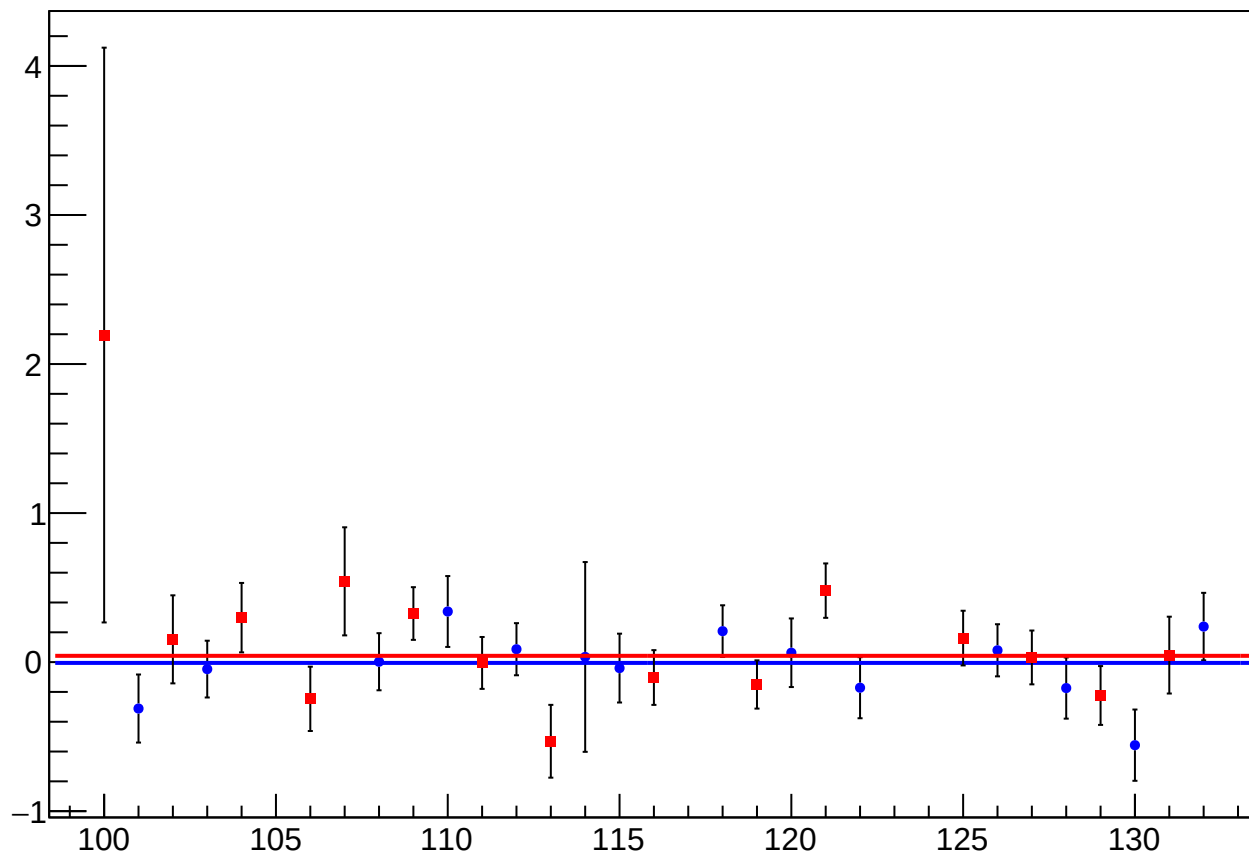
Right: 0.000+/-0.000 χ^2/NDF : 1546900.0/28

In: 0.000+/-0.000 χ^2/NDF : 519675.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1546900.0/28

asym_usl_atl2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 ± 0.056 χ^2/NDF : 13.9/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.042 ± 0.054 χ^2/NDF : 24.5/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

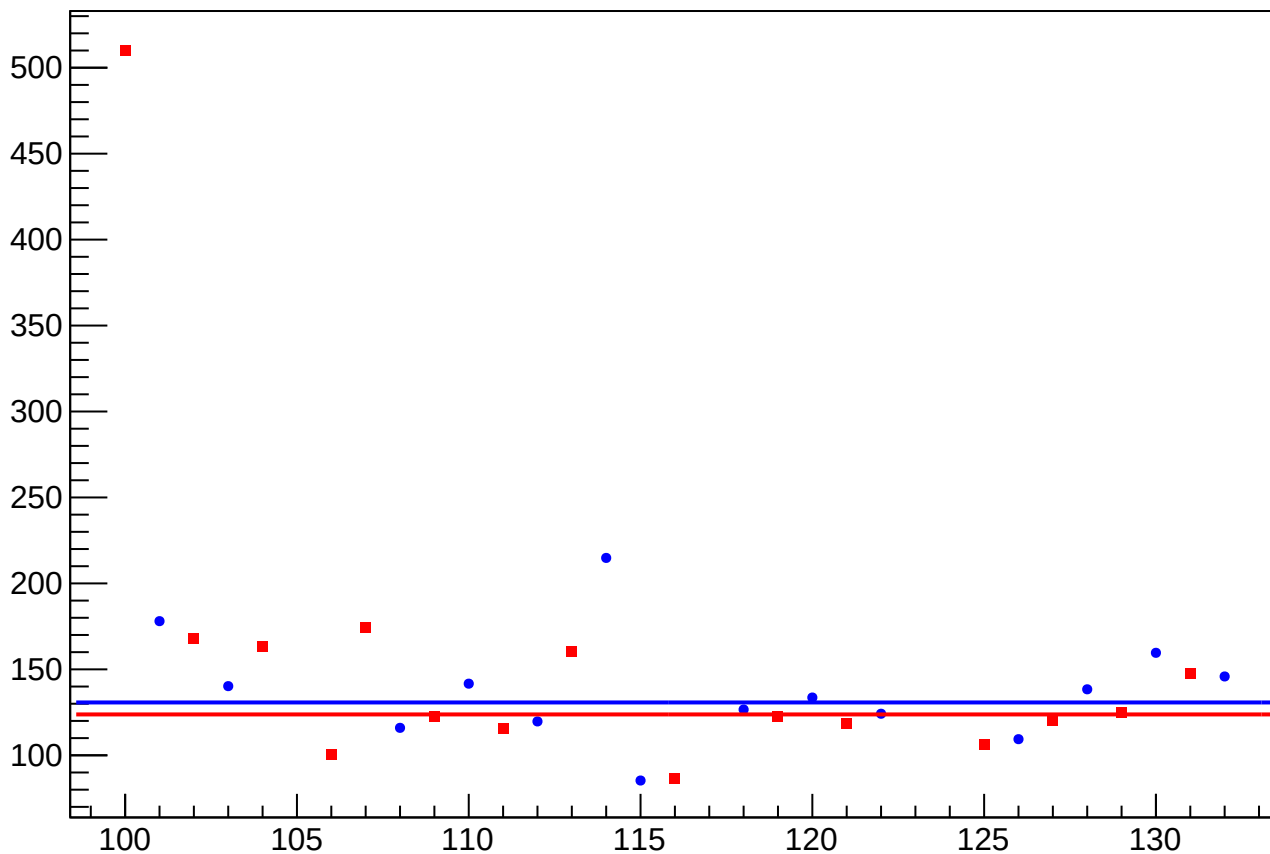
Right: 0.019 ± 0.039 χ^2/NDF : 38.7/28

In: -0.005 ± 0.056 χ^2/NDF : 13.9/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.019 ± 0.039 χ^2/NDF : 38.7/28

asym_usl_atl2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.743 $\pm$ 0.040 χ^2 /NDF: 301264.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 123.780 $\pm$ 0.038 χ^2 /NDF: 412824.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

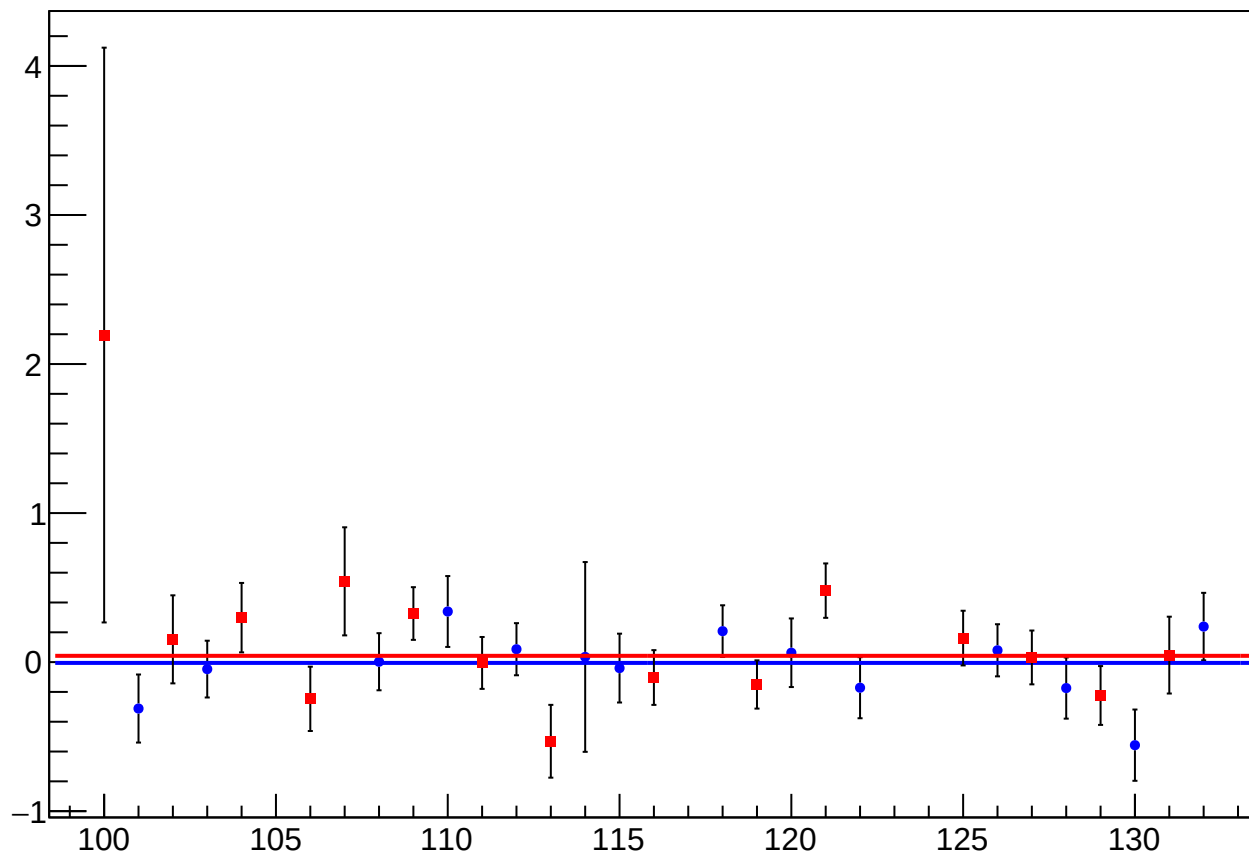
Right: 127.128 $\pm$ 0.028 χ^2 /NDF: 729941.0/28

In: 130.743 $\pm$ 0.040 χ^2 /NDF:301264.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 127.128 $\pm$ 0.028 χ^2 /NDF: 729941.0/28

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.056 χ^2 /NDF: 13.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.042 $\pm$ 0.054 χ^2 /NDF: 24.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

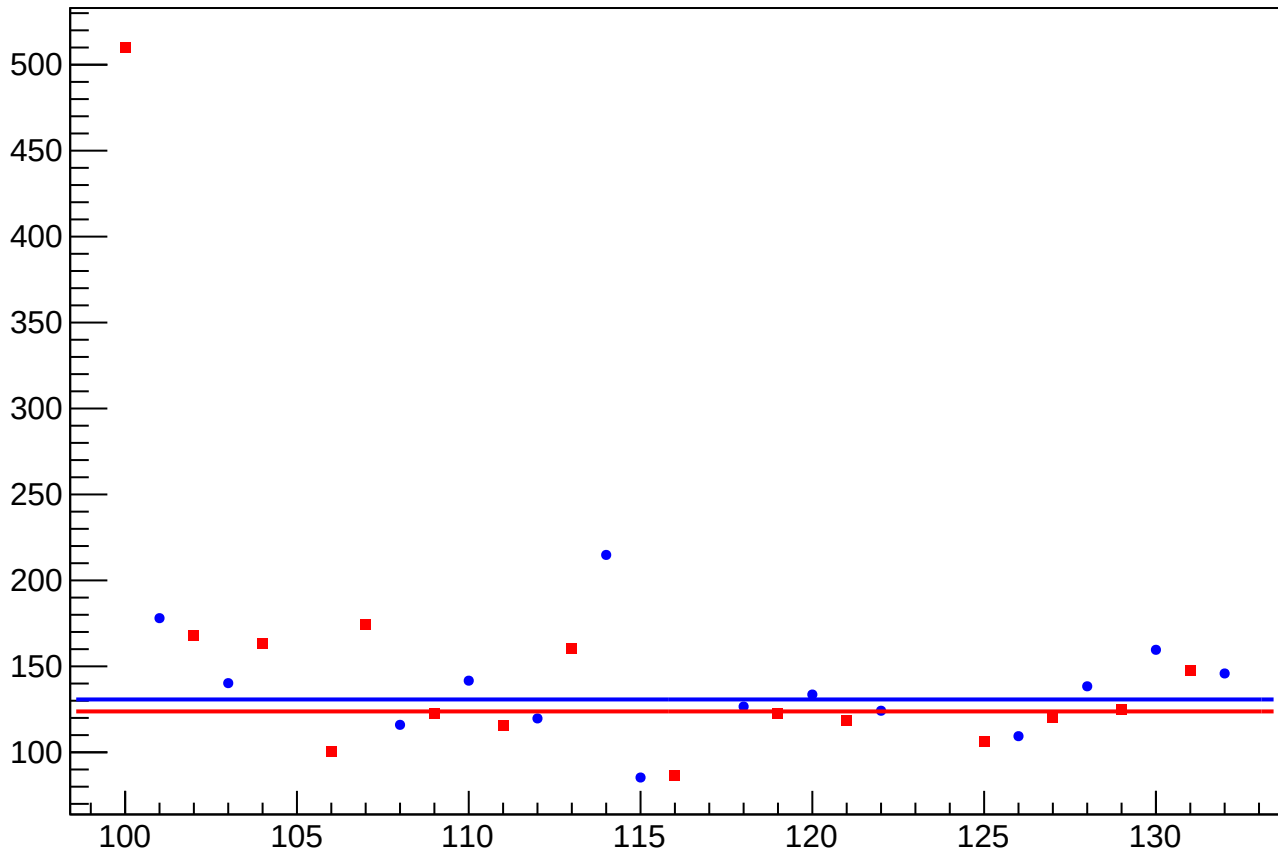
Right: 0.019 $\pm$ 0.039 χ^2 /NDF: 38.7/28

In: -0.005 $\pm$ 0.056 χ^2 /NDF:13.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.019 $\pm$ 0.039 χ^2 /NDF: 38.7/28

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.743 $\pm$ 0.040 χ^2 /NDF: 301264.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 123.780 $\pm$ 0.038 χ^2 /NDF: 412824.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

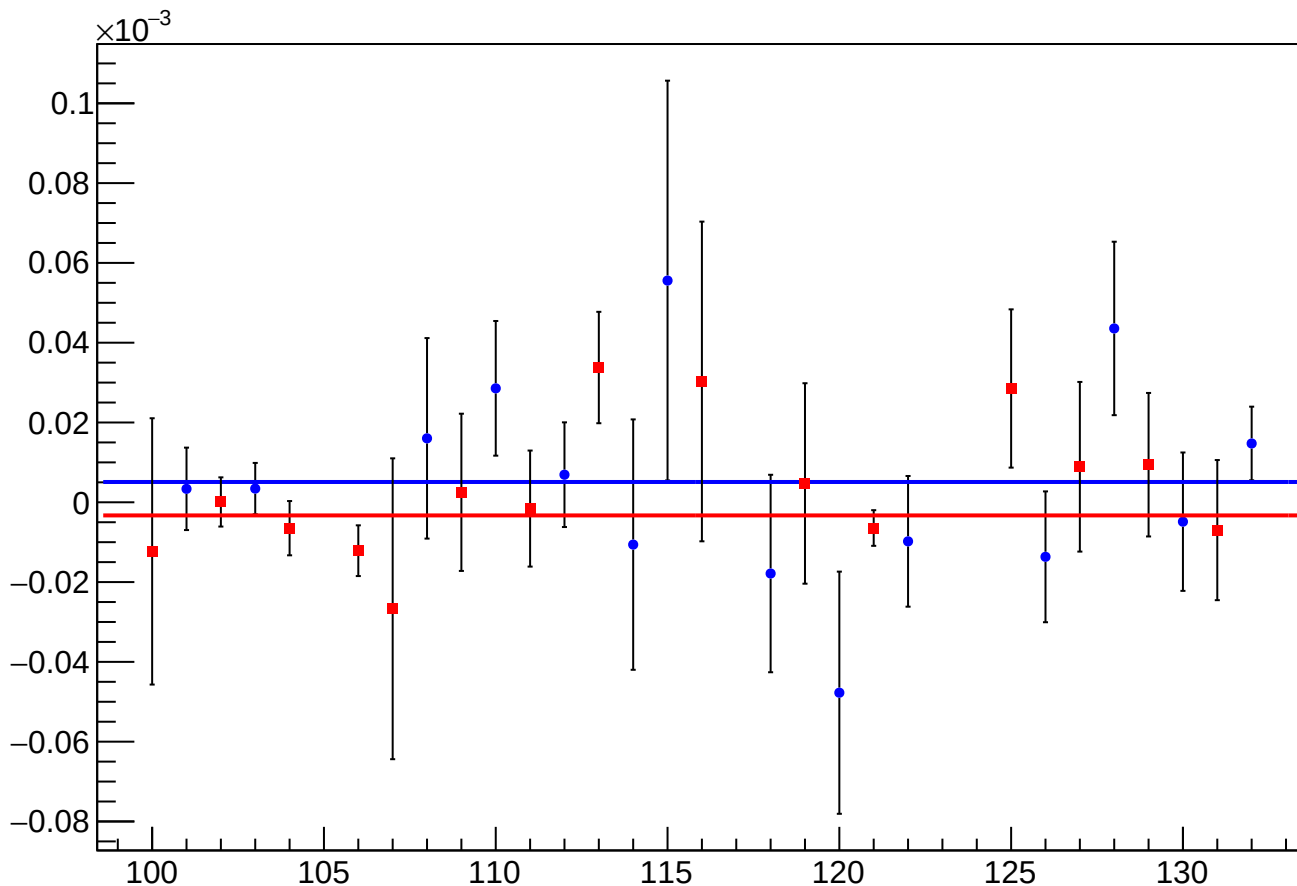
Right: 127.128 $\pm$ 0.028 χ^2 /NDF: 729941.0/28

In: 130.743 $\pm$ 0.040 χ^2 /NDF:301264.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 127.128 $\pm$ 0.028 χ^2 /NDF: 729941.0/28

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 14.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 14.8/14

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

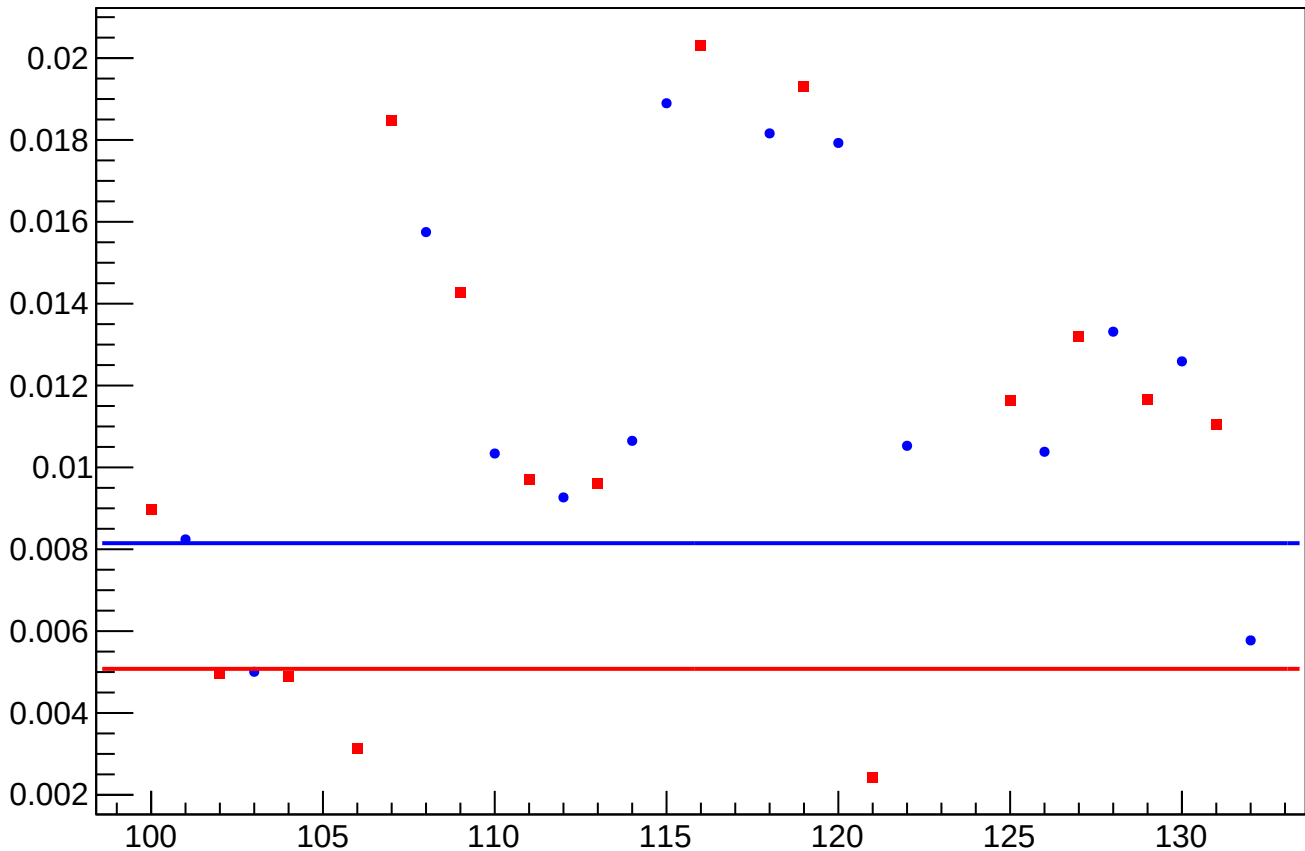
Right: -0.000 $\pm$ 0.000 χ^2/NDF : 32.3/28

In: 0.000 $\pm$ 0.000 χ^2/NDF : 14.1/13

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 32.3/28

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000

χ^2/NDF : 1803742.5/13

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000

χ^2/NDF : 3966072.1/14

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.006+/-0.000

χ^2/NDF : 6697045.3/28

In: 0.008+/-0.000

χ^2/NDF : 1803742.5/13

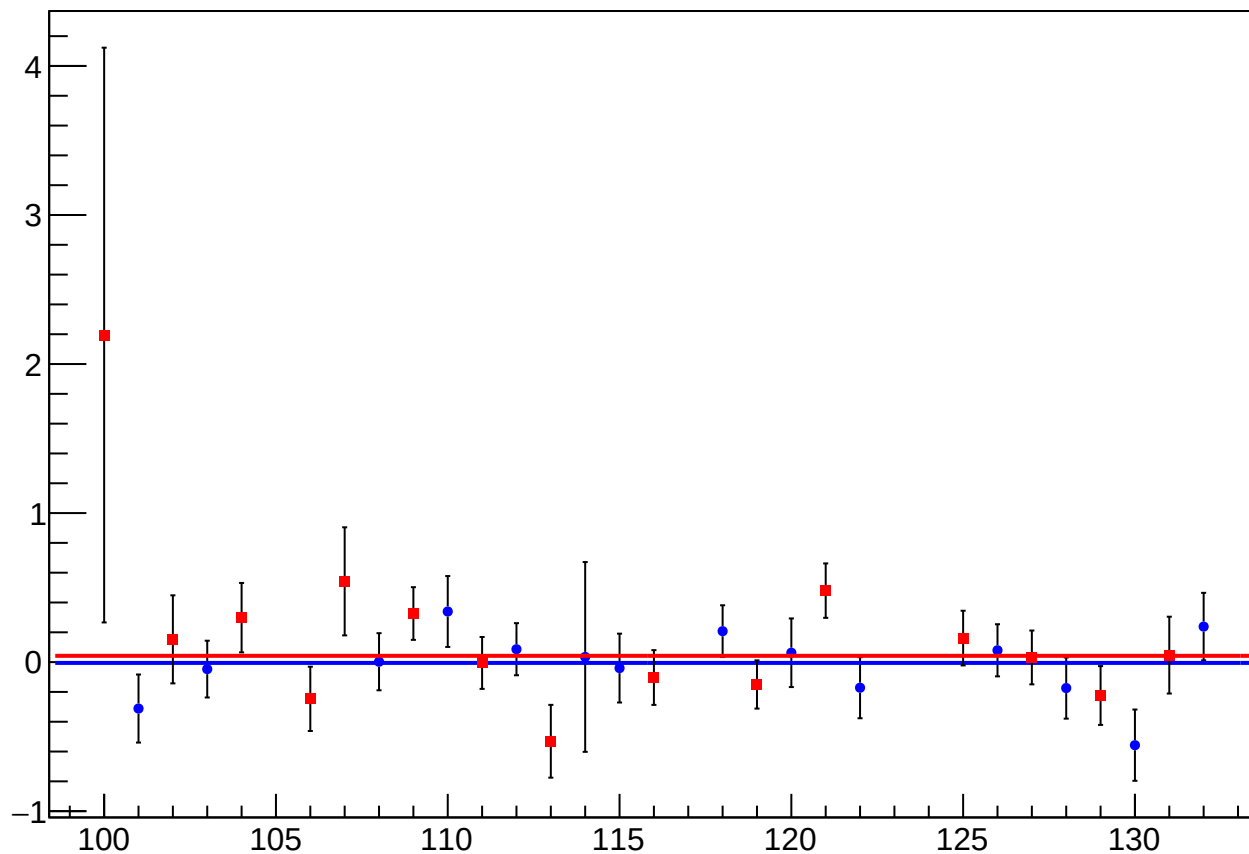
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.006+/-0.000

χ^2/NDF : 6697045.3/28

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.056 χ^2 /NDF: 13.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.042 $\pm$ 0.054 χ^2 /NDF: 24.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

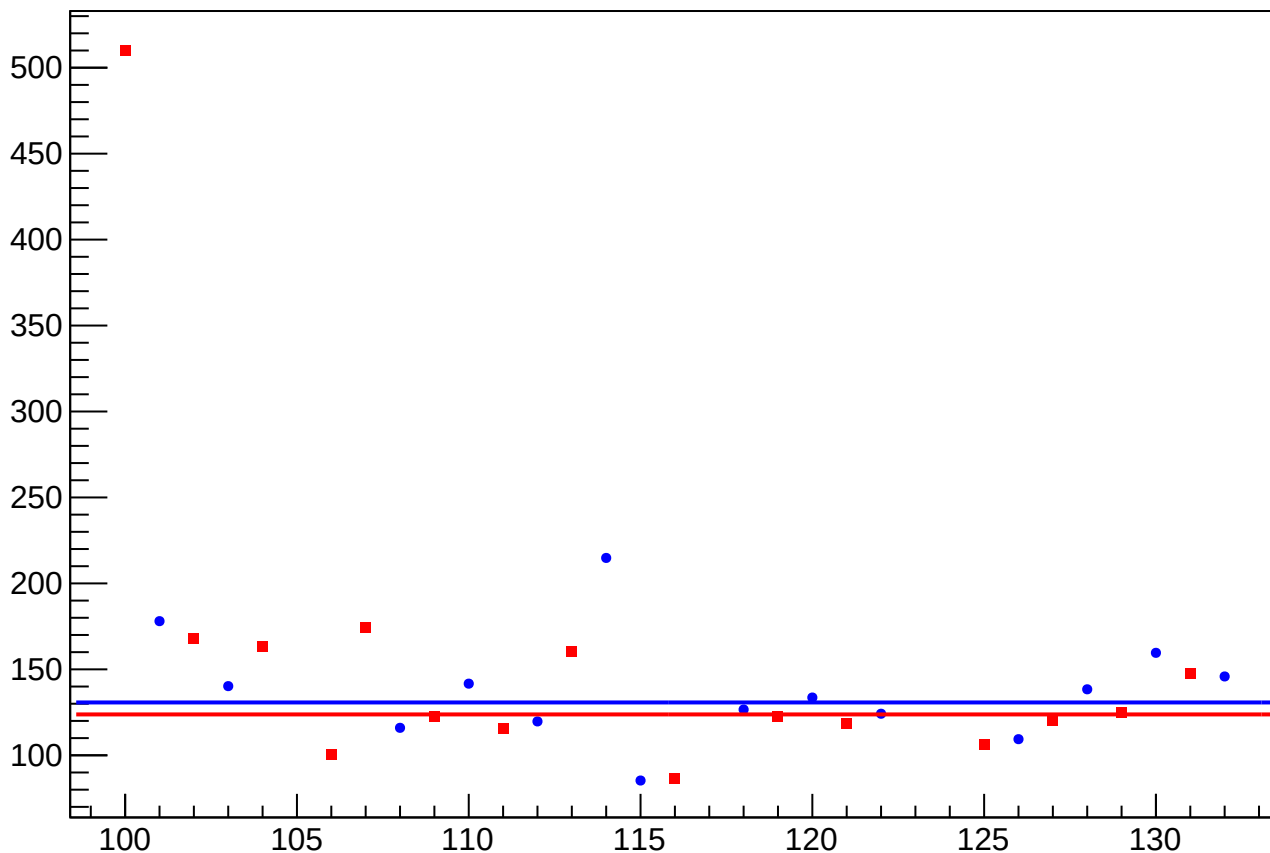
Right: 0.019 $\pm$ 0.039 χ^2 /NDF: 38.8/28

In: -0.005 $\pm$ 0.056 χ^2 /NDF:13.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.019 $\pm$ 0.039 χ^2 /NDF: 38.8/28

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.743+/-0.040 χ^2/NDF : 301228.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.780+/-0.038 χ^2/NDF : 412795.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

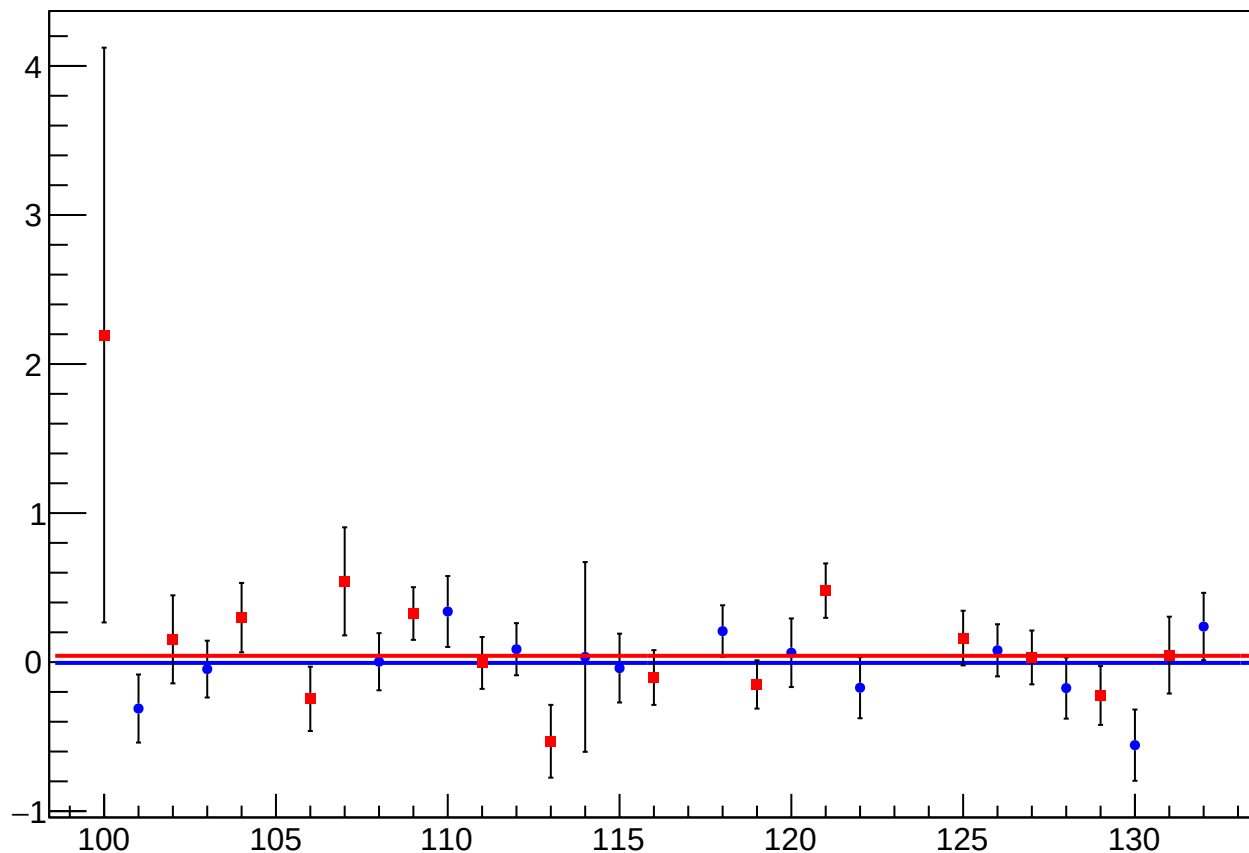
Right: 127.128+/-0.028 χ^2/NDF : 729875.1/28

In: 130.743+/-0.040 χ^2/NDF : 301228.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.128+/-0.028 χ^2/NDF : 729875.1/28

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.056 χ^2 /NDF: 13.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.042 $\pm$ 0.054 χ^2 /NDF: 24.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

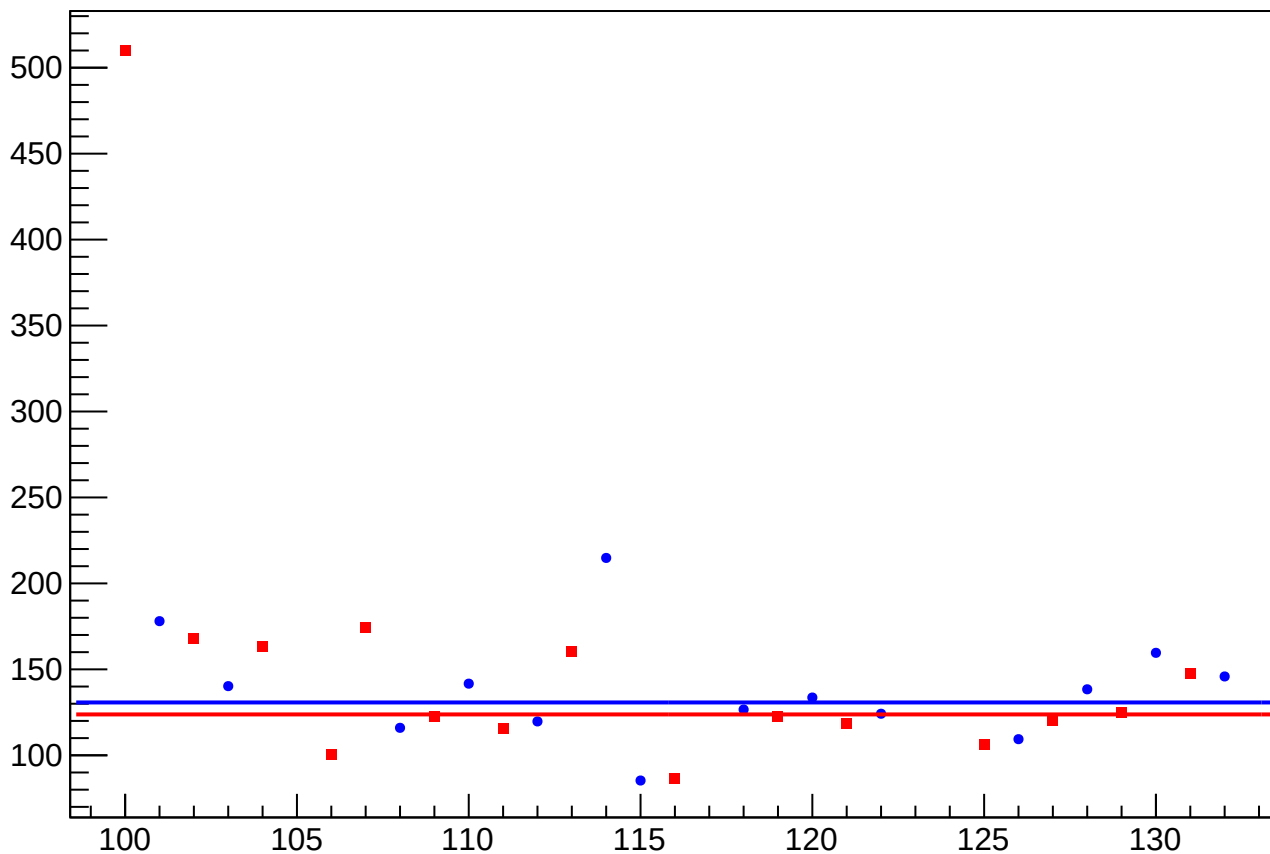
Right: 0.019 $\pm$ 0.039 χ^2 /NDF: 38.8/28

In: -0.005 $\pm$ 0.056 χ^2 /NDF:13.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.019 $\pm$ 0.039 χ^2 /NDF: 38.8/28

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.743+/-0.040 χ^2/NDF : 301228.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.780+/-0.038 χ^2/NDF : 412795.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

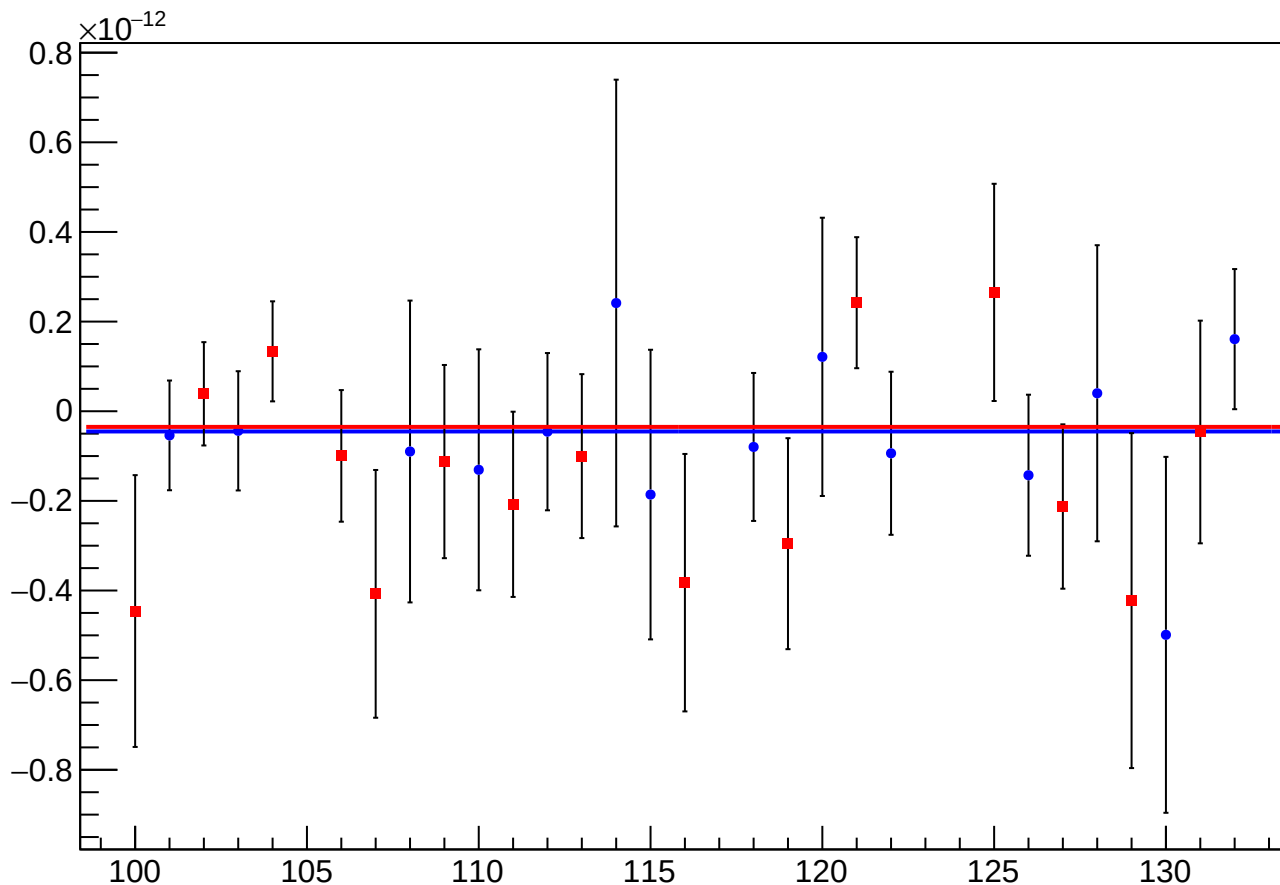
Right: 127.128+/-0.028 χ^2/NDF : 729875.1/28

In: 130.743+/-0.040 χ^2/NDF : 301228.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.128+/-0.028 χ^2/NDF : 729875.1/28

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 4.5/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 17.3/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

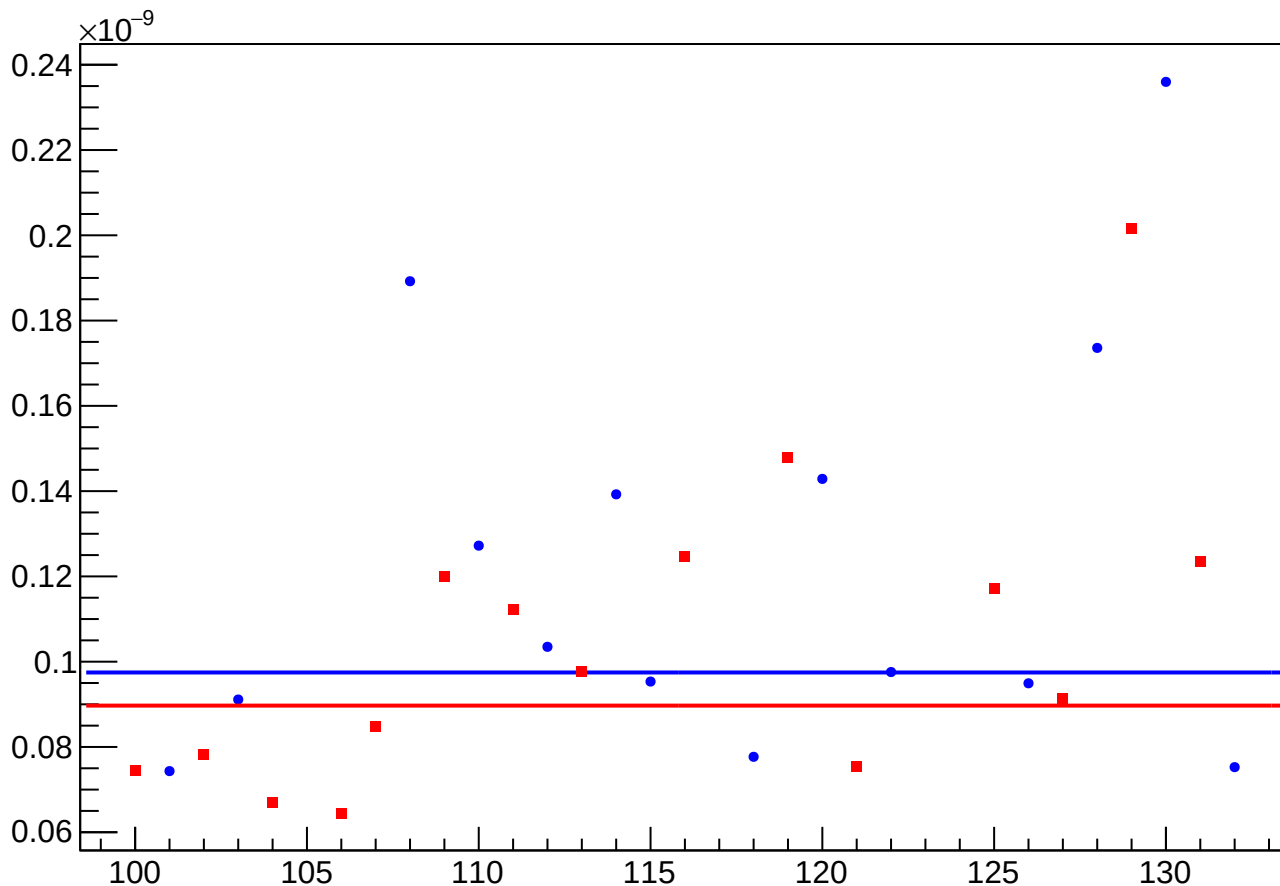
Right: -0.000 ± 0.000 χ^2/NDF : 21.8/28

In: -0.000 ± 0.000 χ^2/NDF : 4.5/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 21.8/28

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 727373.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 647418.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

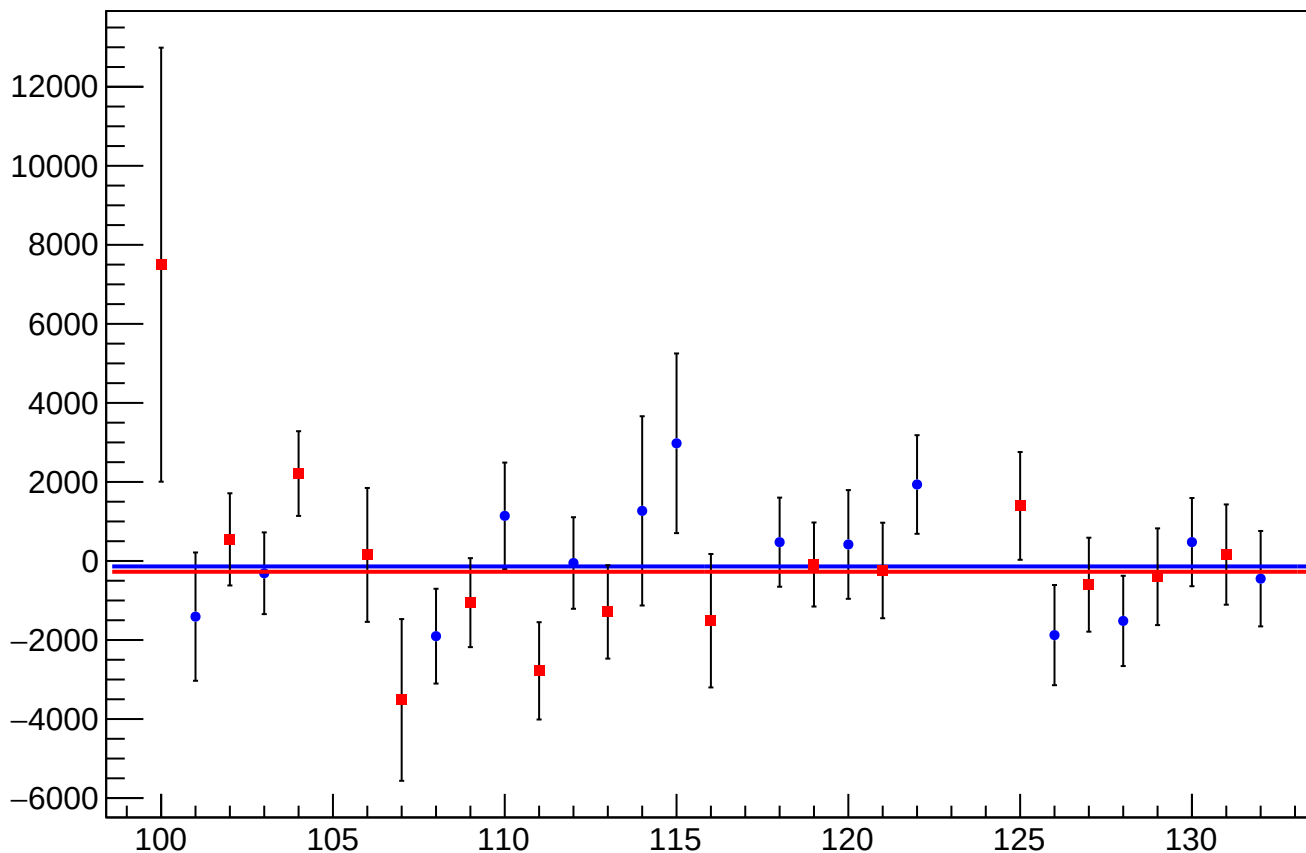
Right: 0.000+/-0.000 χ^2/NDF : 1398759.1/28

In: 0.000+/-0.000 χ^2/NDF : 727373.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1398759.1/28

reg_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -138.419+/-342.854 χ^2/NDF : 12.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -272.946+/-336.262 χ^2/NDF : 18.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

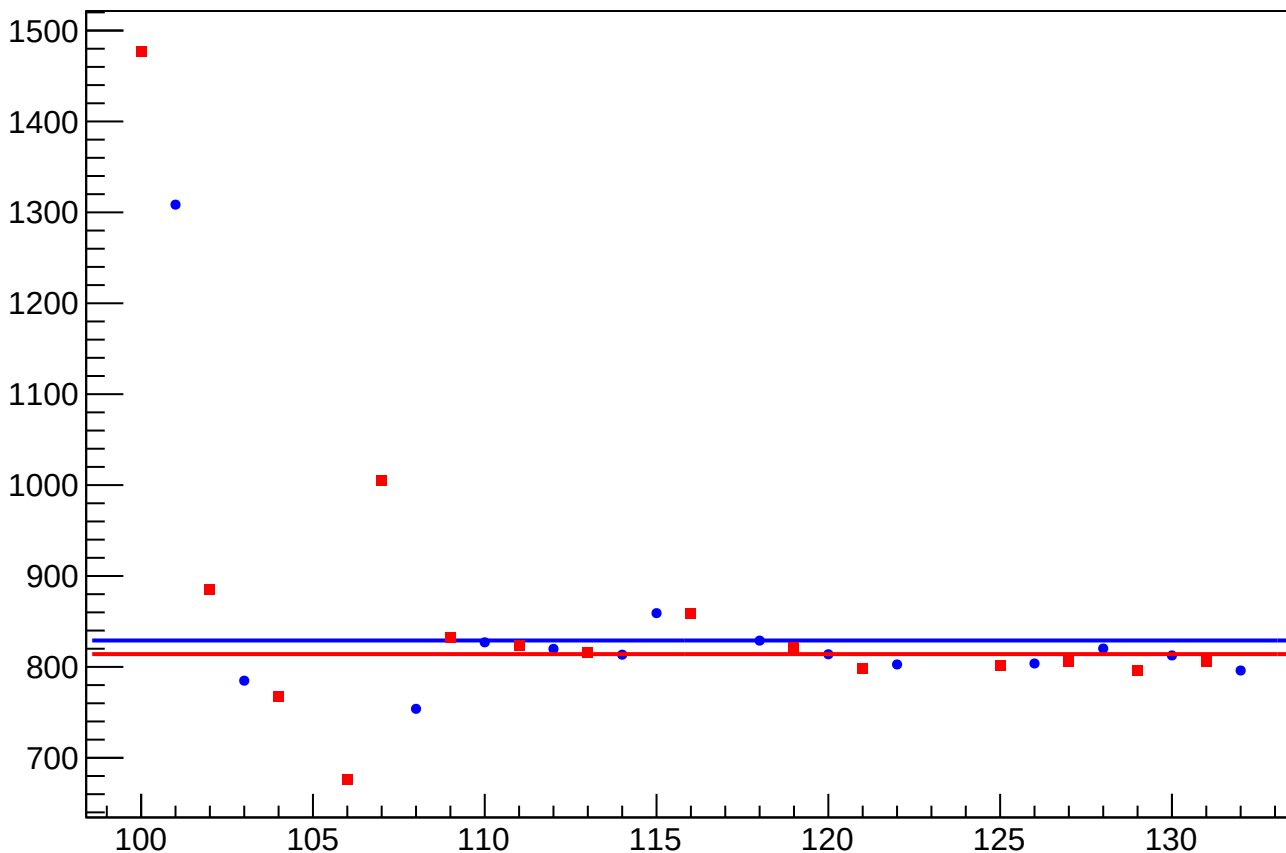
Right: -206.988+/-240.070 χ^2/NDF : 31.0/28

In: -138.419+/-342.854 χ^2/NDF : 12.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -206.988+/-240.070 χ^2/NDF : 31.0/28

reg_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 829.072+/-0.242 χ^2/NDF : 190520.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 814.082+/-0.235 χ^2/NDF : 83626.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

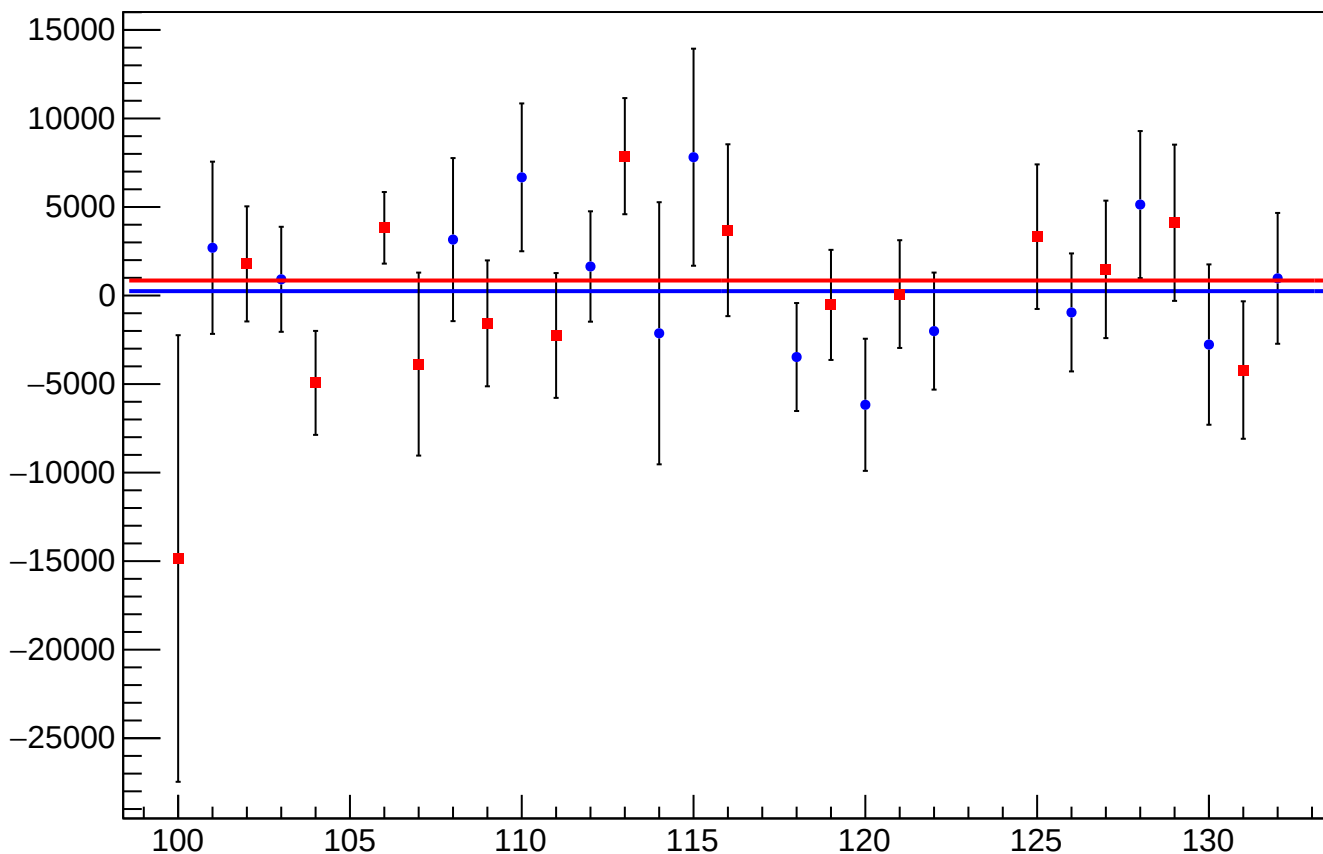
Right: 821.330+/-0.169 χ^2/NDF : 276121.8/28

In: 829.072+/-0.242 χ^2/NDF : 190520.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 821.330+/-0.169 χ^2/NDF : 276121.8/28

asym_usl_atl2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 248.206+/-1026.304 χ^2/NDF : 11.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 848.313+/-894.549 χ^2/NDF : 17.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

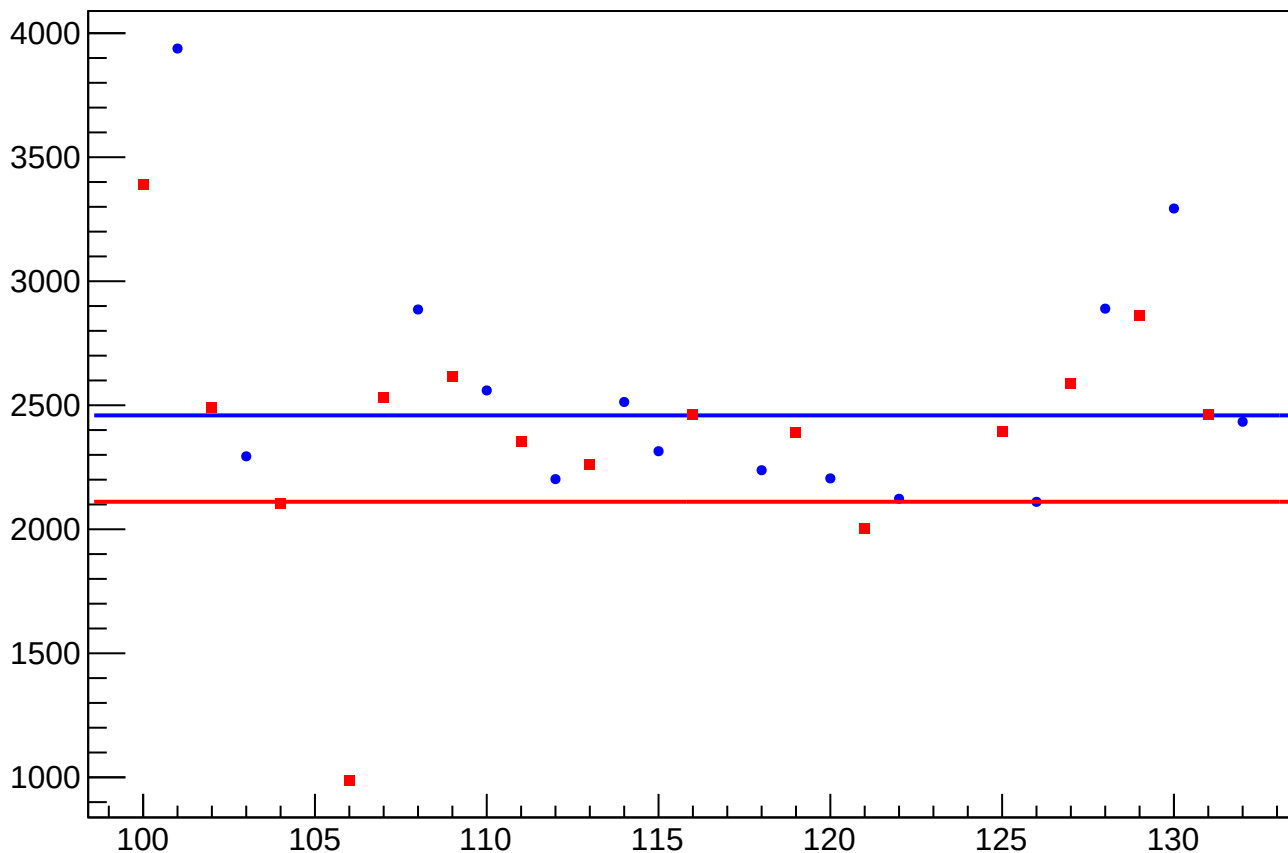
Right: 589.229+/-674.345 χ^2/NDF : 29.6/28

In: 248.206+/-1026.304 χ^2/NDF : 11.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 589.229+/-674.345 χ^2/NDF : 29.6/28

asym_usl_atl2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2459.127+/-0.726 χ^2/NDF : 376103.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2110.954+/-0.633 χ^2/NDF : 876427.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

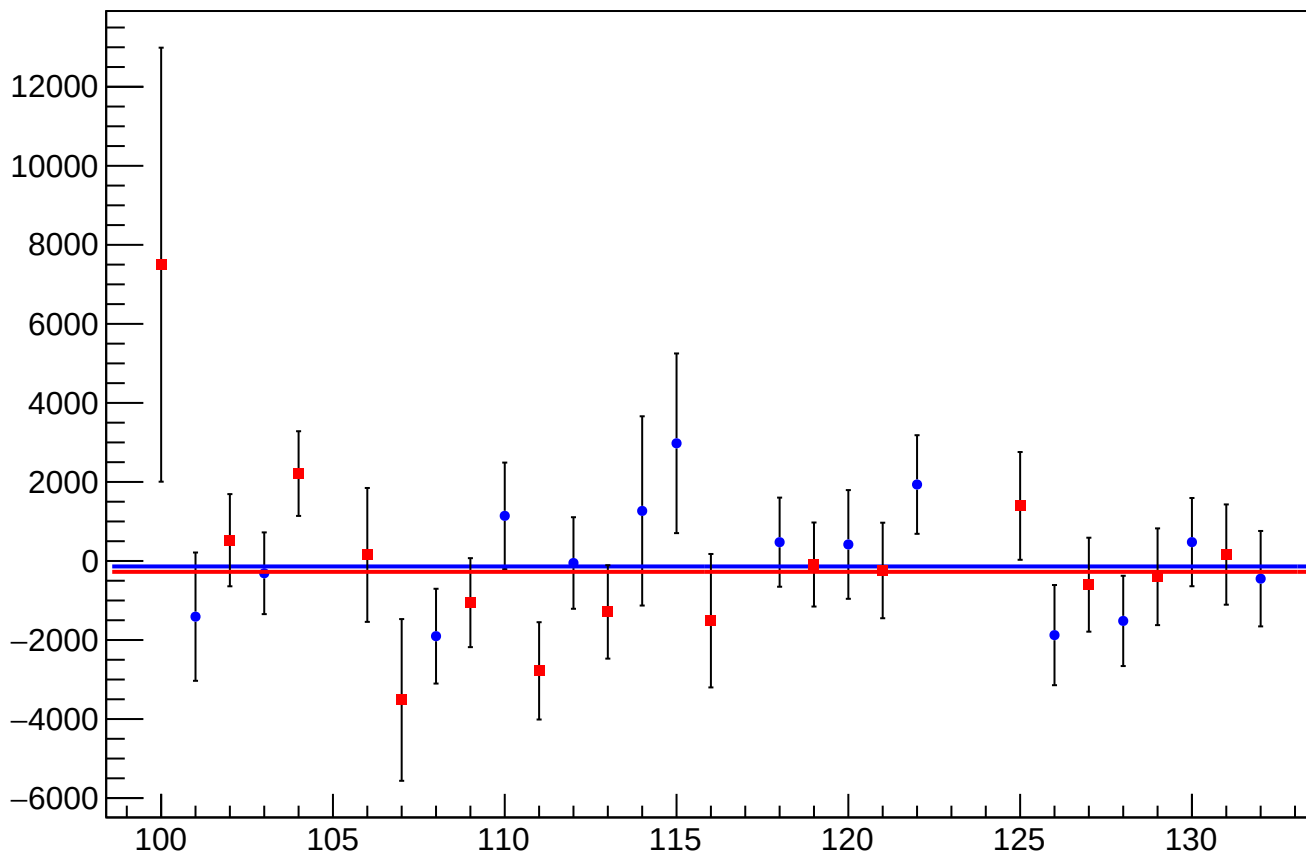
Right: 2261.270+/-0.477 χ^2/NDF : 1383335.2/28

In: 2459.127+/-0.726 χ^2/NDF : 376103.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2261.270+/-0.477 χ^2/NDF : 1383335.2/28

cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -138.522+/-342.854 χ^2/NDF : 12.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -274.718+/-336.268 χ^2/NDF : 18.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

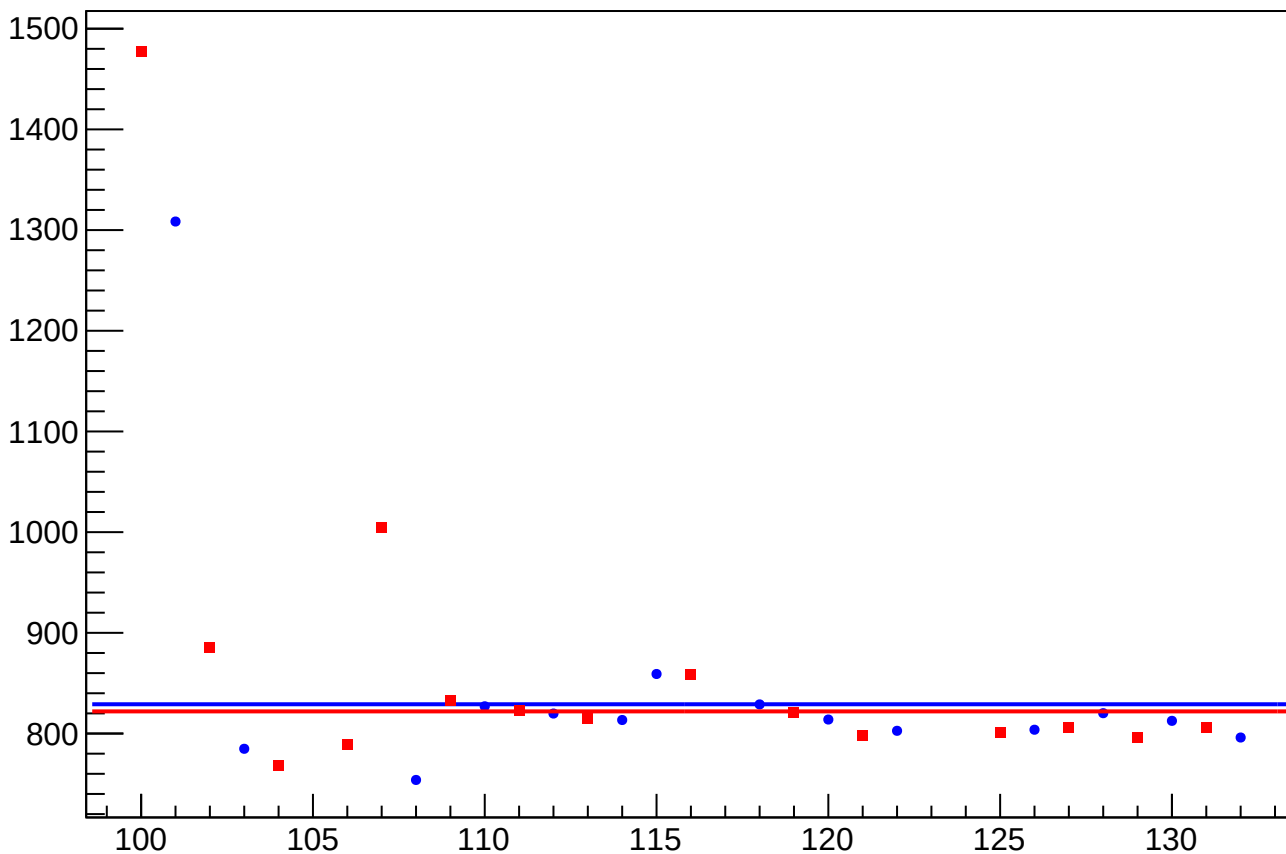
Right: -207.941+/-240.072 χ^2/NDF : 31.0/28

In: -138.522+/-342.854 χ^2/NDF : 12.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -207.941+/-240.072 χ^2/NDF : 31.0/28

cor_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 829.072+/-0.242 χ^2/NDF : 190520.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 821.988+/-0.236 χ^2/NDF : 60443.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

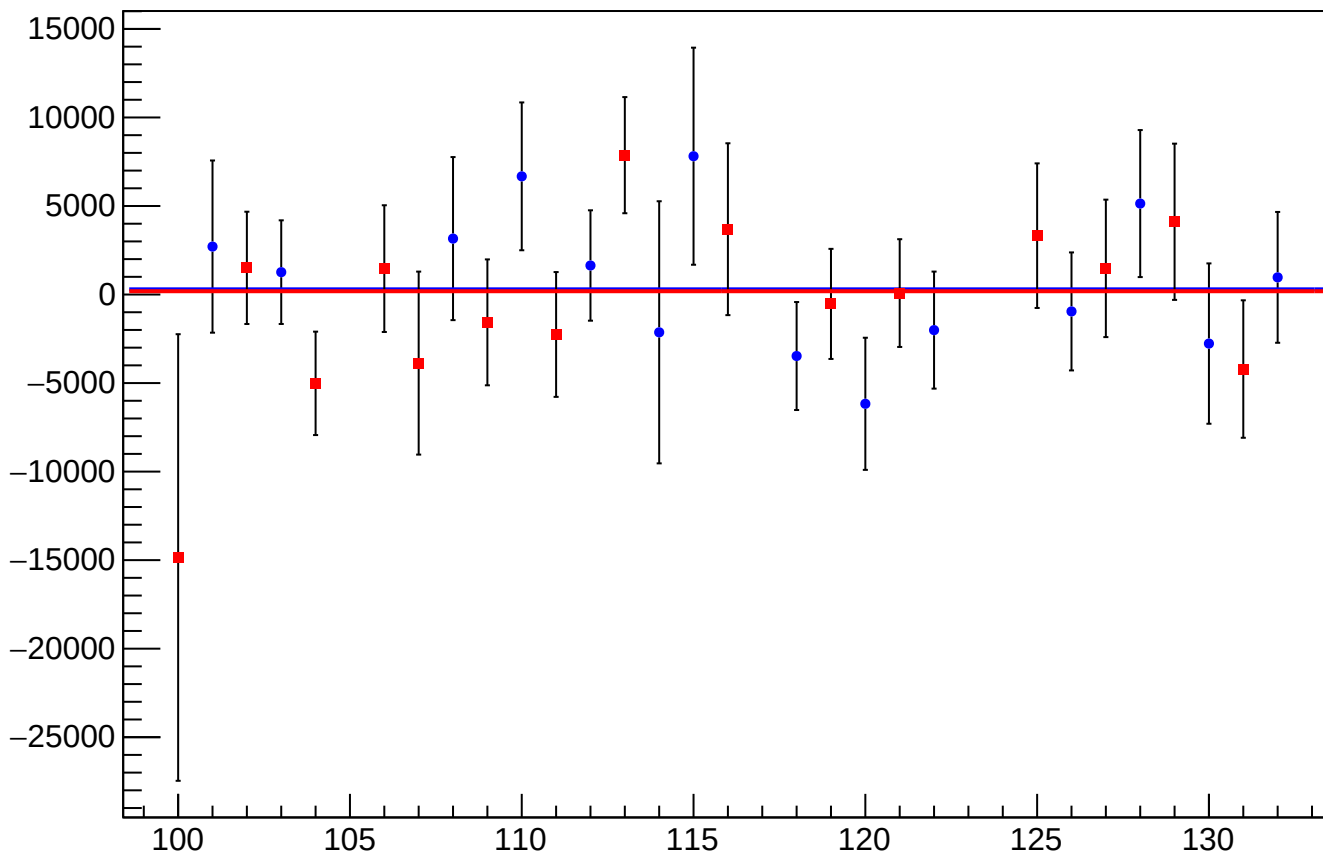
Right: 825.441+/-0.169 χ^2/NDF : 251401.5/28

In: 829.072+/-0.242 χ^2/NDF : 190520.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 825.441+/-0.169 χ^2/NDF : 251401.5/28

asym_usl_atl2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 293.332 $\pm$ 1024.664 χ^2 /NDF: 11.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 187.090 $\pm$ 958.208 χ^2 /NDF: 15.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

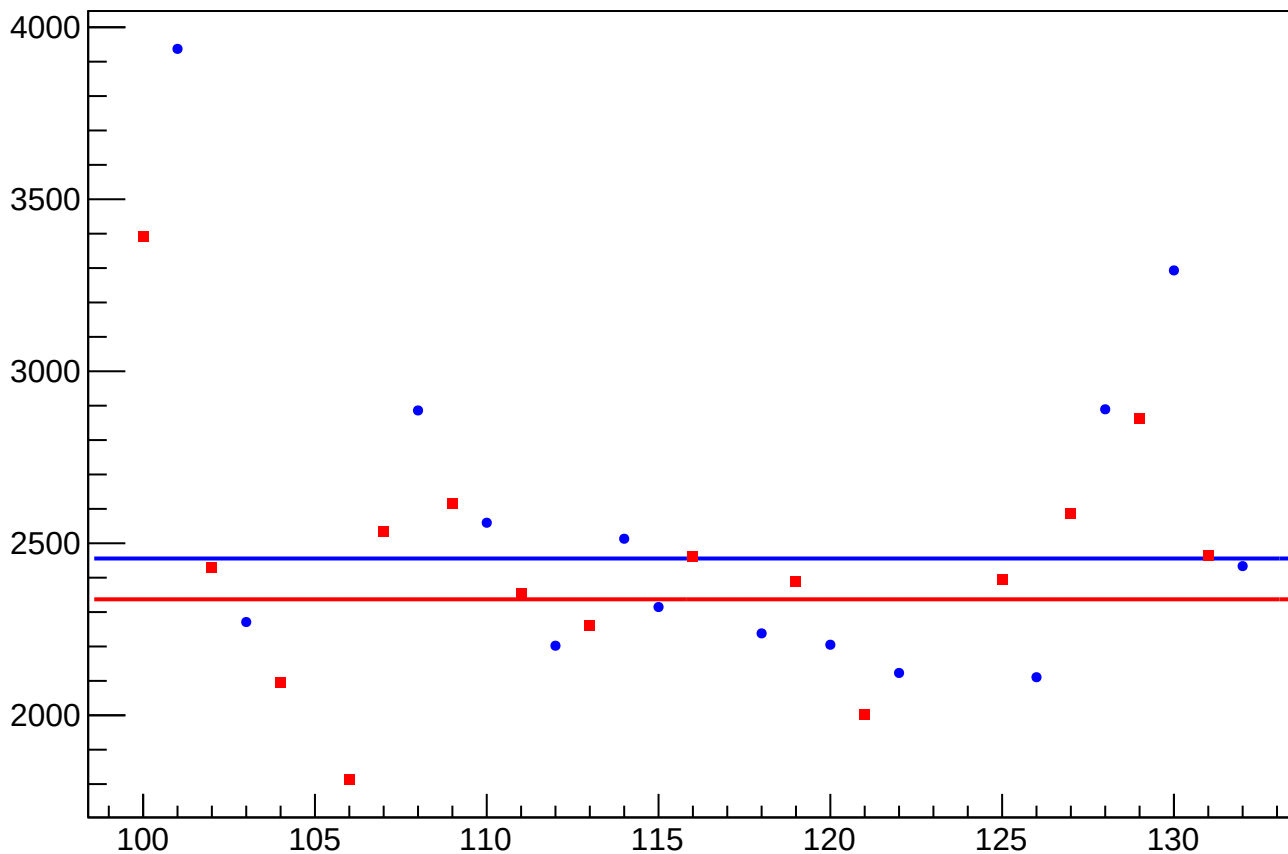
Right: 236.654 $\pm$ 699.871 χ^2 /NDF: 27.0/28

In: 293.332 $\pm$ 1024.664 χ^2 /NDF:11.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 236.654 $\pm$ 699.871 χ^2 /NDF: 27.0/28

asym_usl_atl2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2455.760+/-0.725 χ^2/NDF : 377999.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2337.141+/-0.678 χ^2/NDF : 154194.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

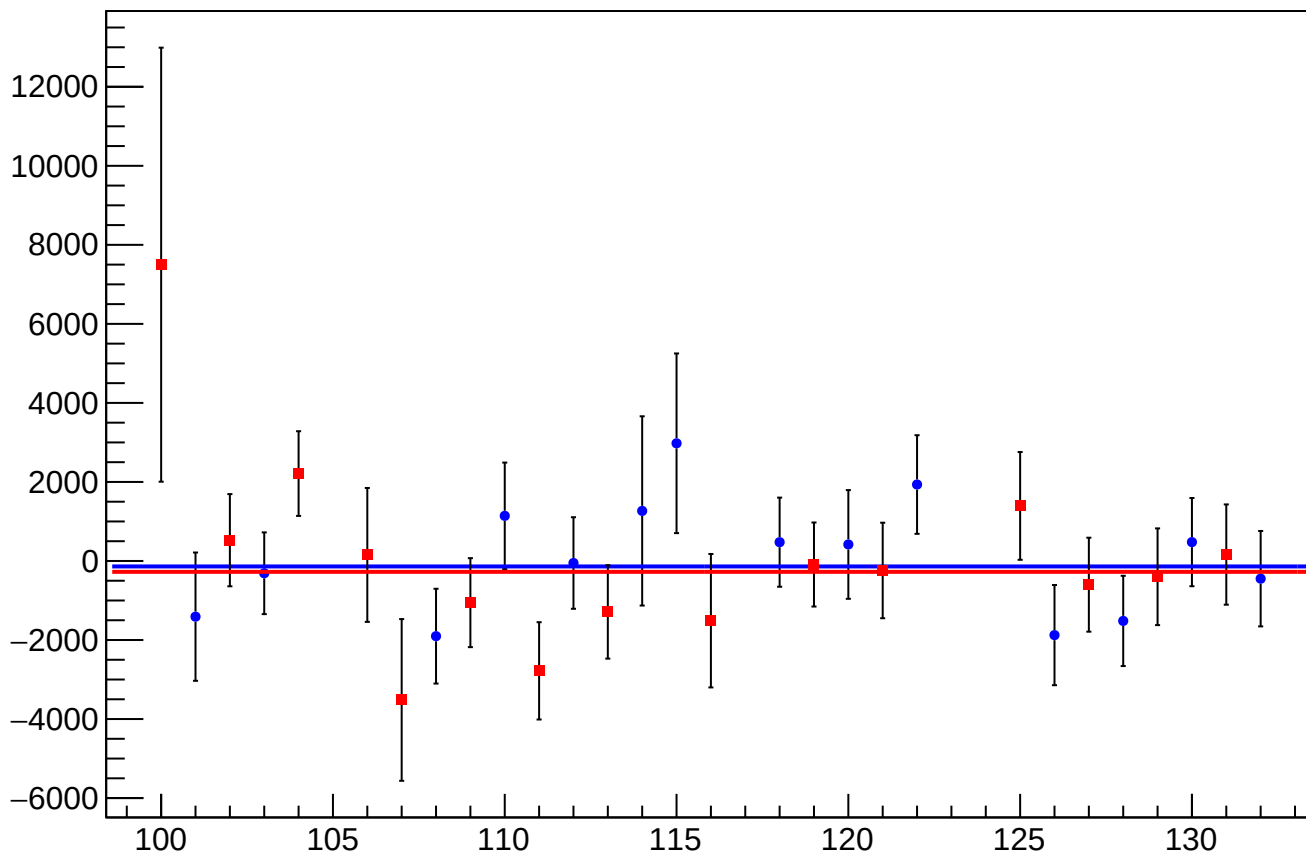
Right: 2392.480+/-0.495 χ^2/NDF : 546492.6/28

In: 2455.760+/-0.725 χ^2/NDF : 377999.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2392.480+/-0.495 χ^2/NDF : 546492.6/28

eigen_cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -138.522+/-342.854 χ^2/NDF : 12.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -274.718+/-336.268 χ^2/NDF : 18.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

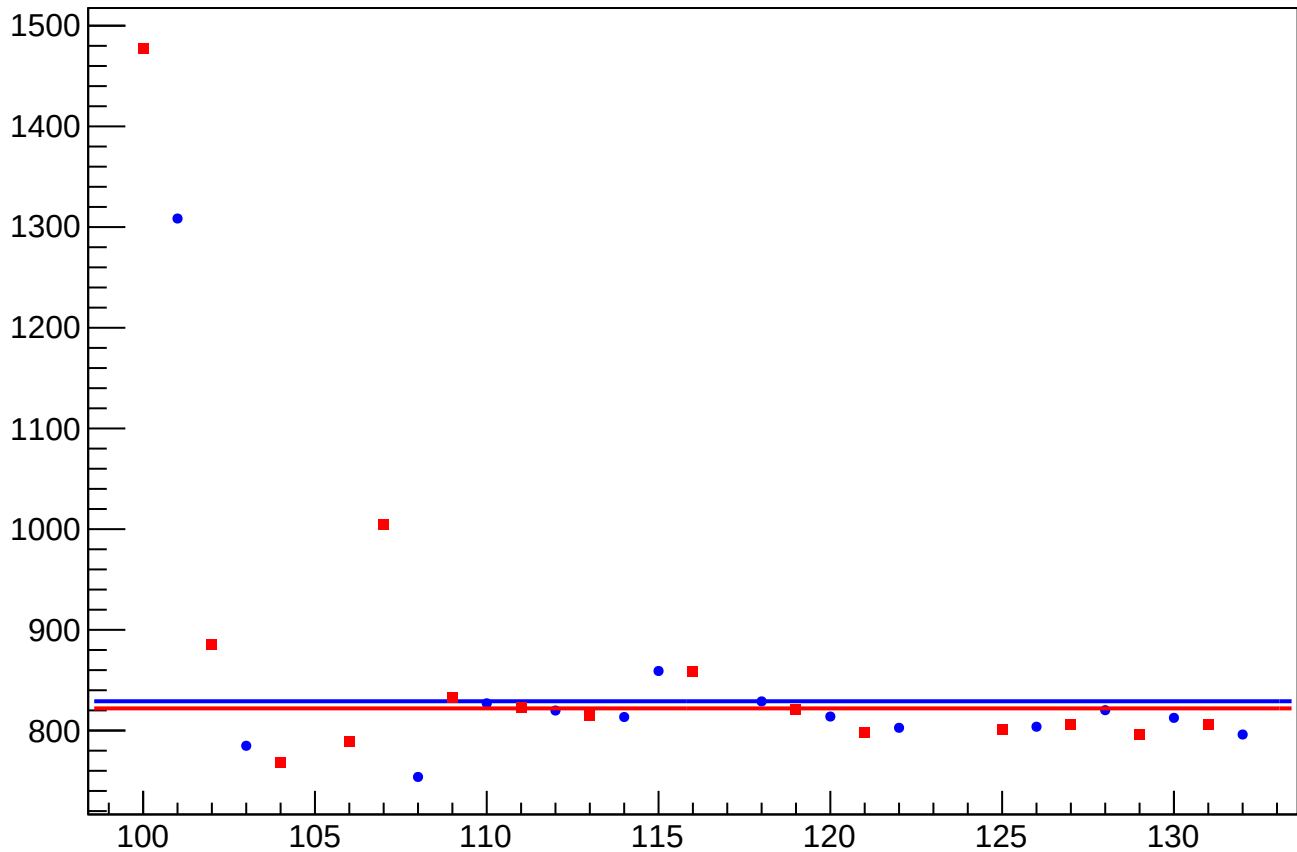
Right: -207.941+/-240.072 χ^2/NDF : 31.0/28

In: -138.522+/-342.854 χ^2/NDF : 12.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -207.941+/-240.072 χ^2/NDF : 31.0/28

eigen_cor_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 829.072+/-0.242 χ^2/NDF : 190520.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 821.988+/-0.236 χ^2/NDF : 60443.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

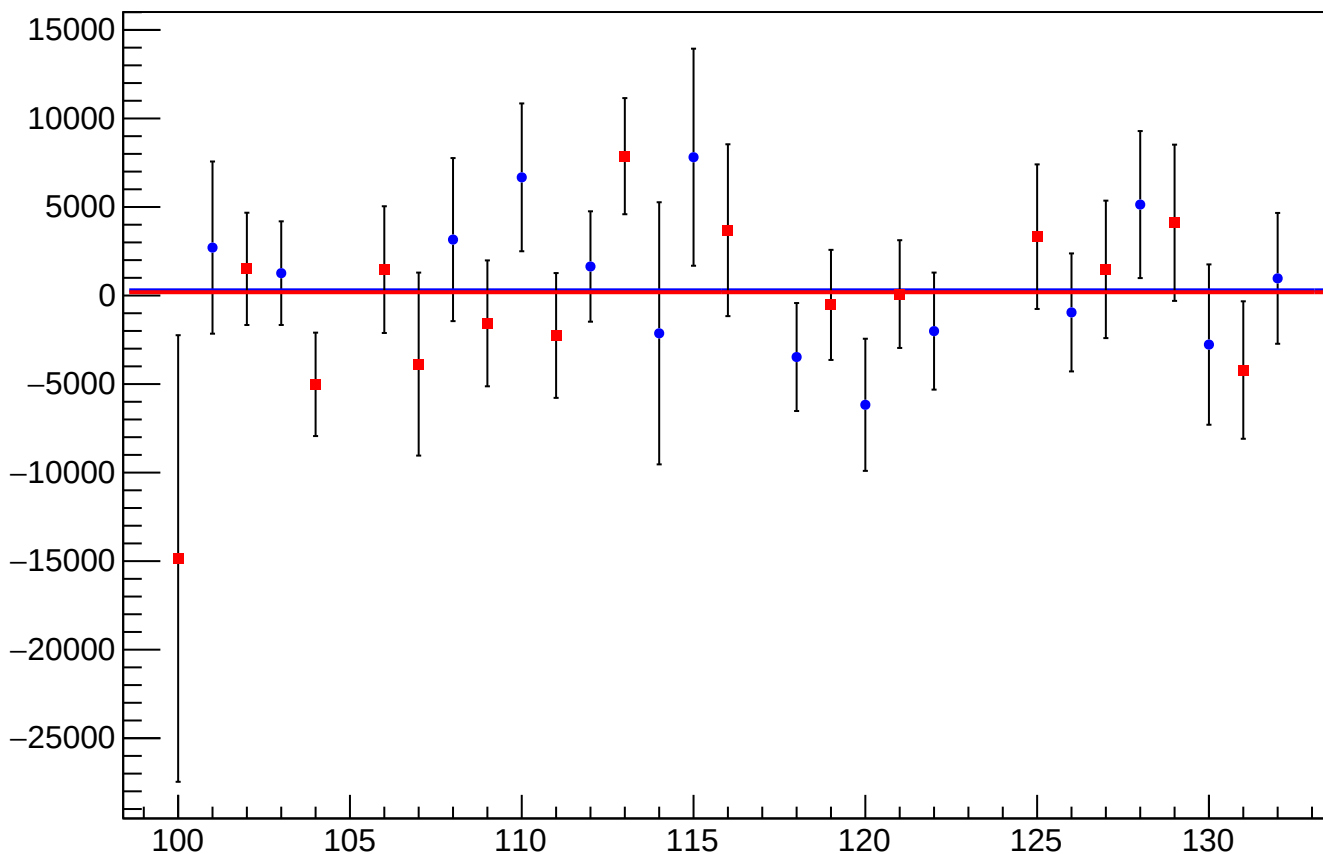
Right: 825.441+/-0.169 χ^2/NDF : 251401.5/28

In: 829.072+/-0.242 χ^2/NDF : 190520.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 825.441+/-0.169 χ^2/NDF : 251401.5/28

asym_usl_atl2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 293.332+/-1024.664 χ^2/NDF : 11.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 187.090+/-958.208 χ^2/NDF : 15.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

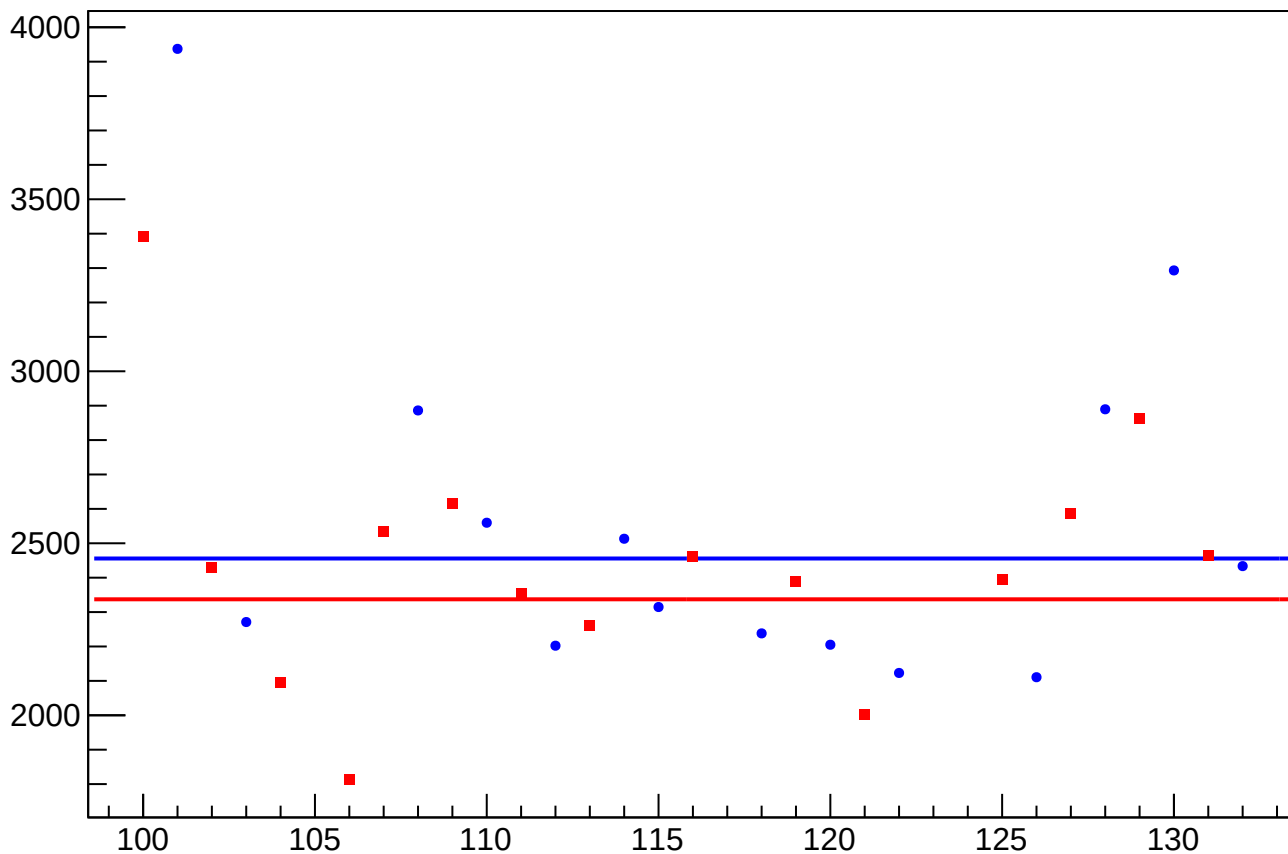
Right: 236.654+/-699.871 χ^2/NDF : 27.0/28

In: 293.332+/-1024.664 χ^2/NDF : 11.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 236.654+/-699.871 χ^2/NDF : 27.0/28

asym_usl_atl2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2455.760+/-0.725 χ^2/NDF : 377999.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2337.141+/-0.678 χ^2/NDF : 154194.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

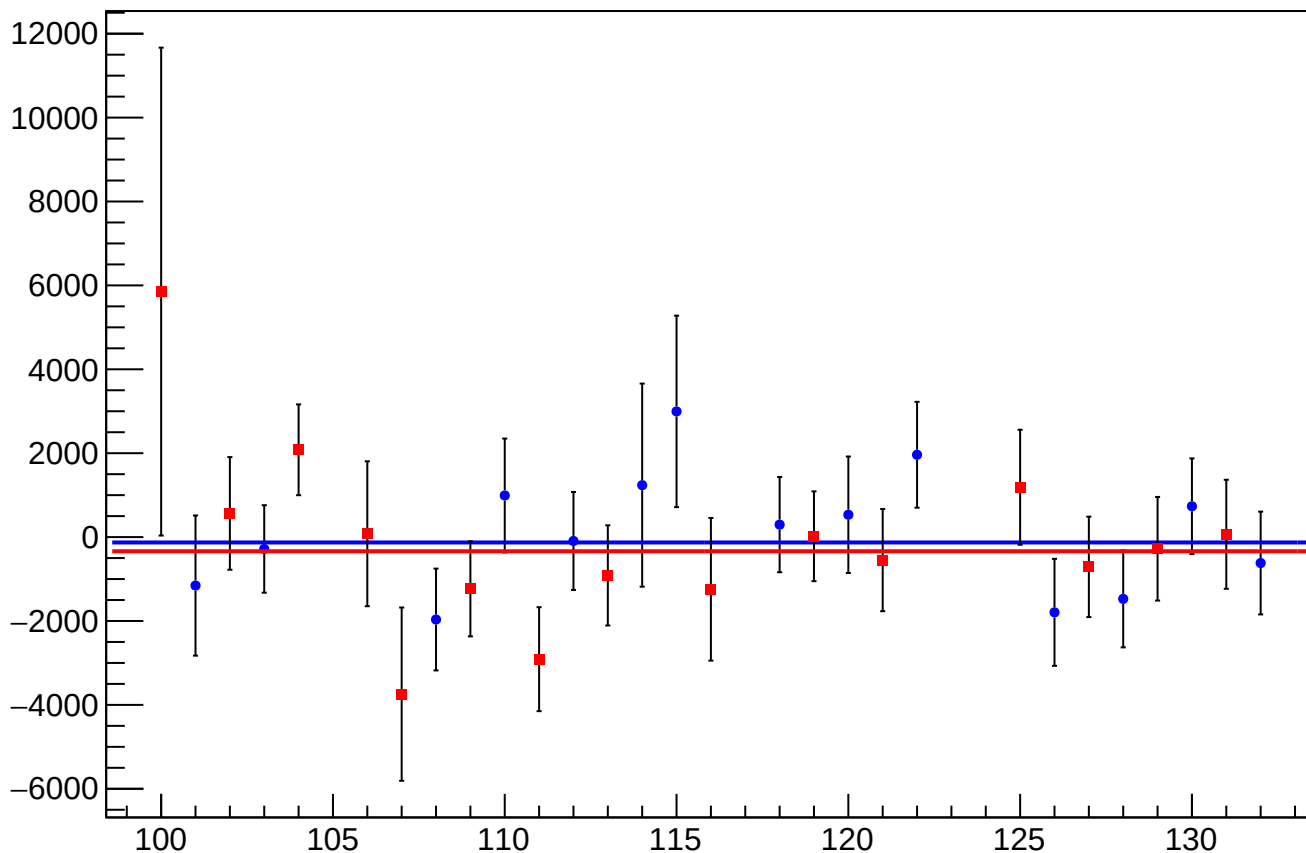
Right: 2392.480+/-0.495 χ^2/NDF : 546492.6/28

In: 2455.760+/-0.725 χ^2/NDF : 377999.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2392.480+/-0.495 χ^2/NDF : 546492.6/28

dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -127.814+/-346.743 χ^2/NDF : 12.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -337.709+/-342.807 χ^2/NDF : 16.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

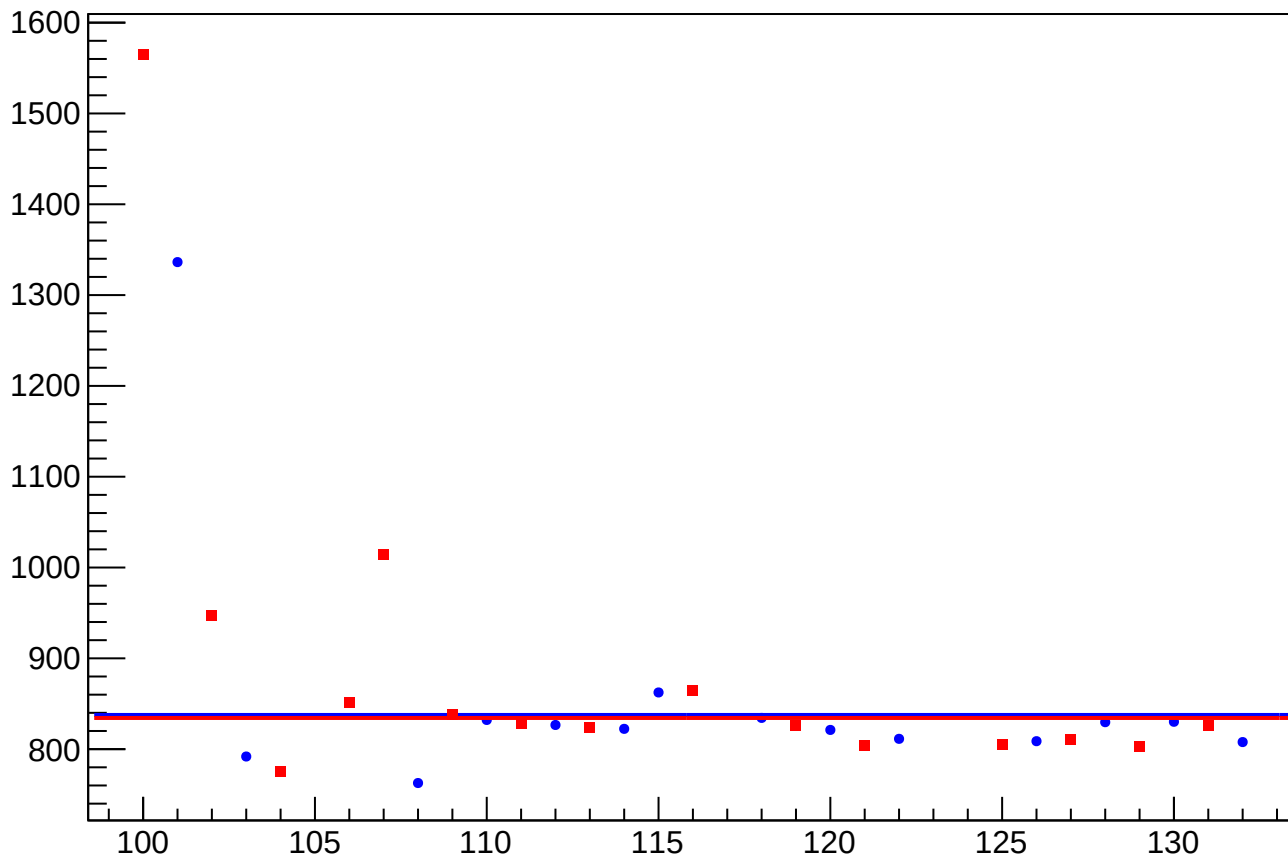
Right: -233.959+/-243.781 χ^2/NDF : 29.0/28

In: -127.814+/-346.743 χ^2/NDF : 12.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -233.959+/-243.781 χ^2/NDF : 29.0/28

dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 837.656+/-0.245 χ^2/NDF : 193906.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 834.338+/-0.242 χ^2/NDF : 72347.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

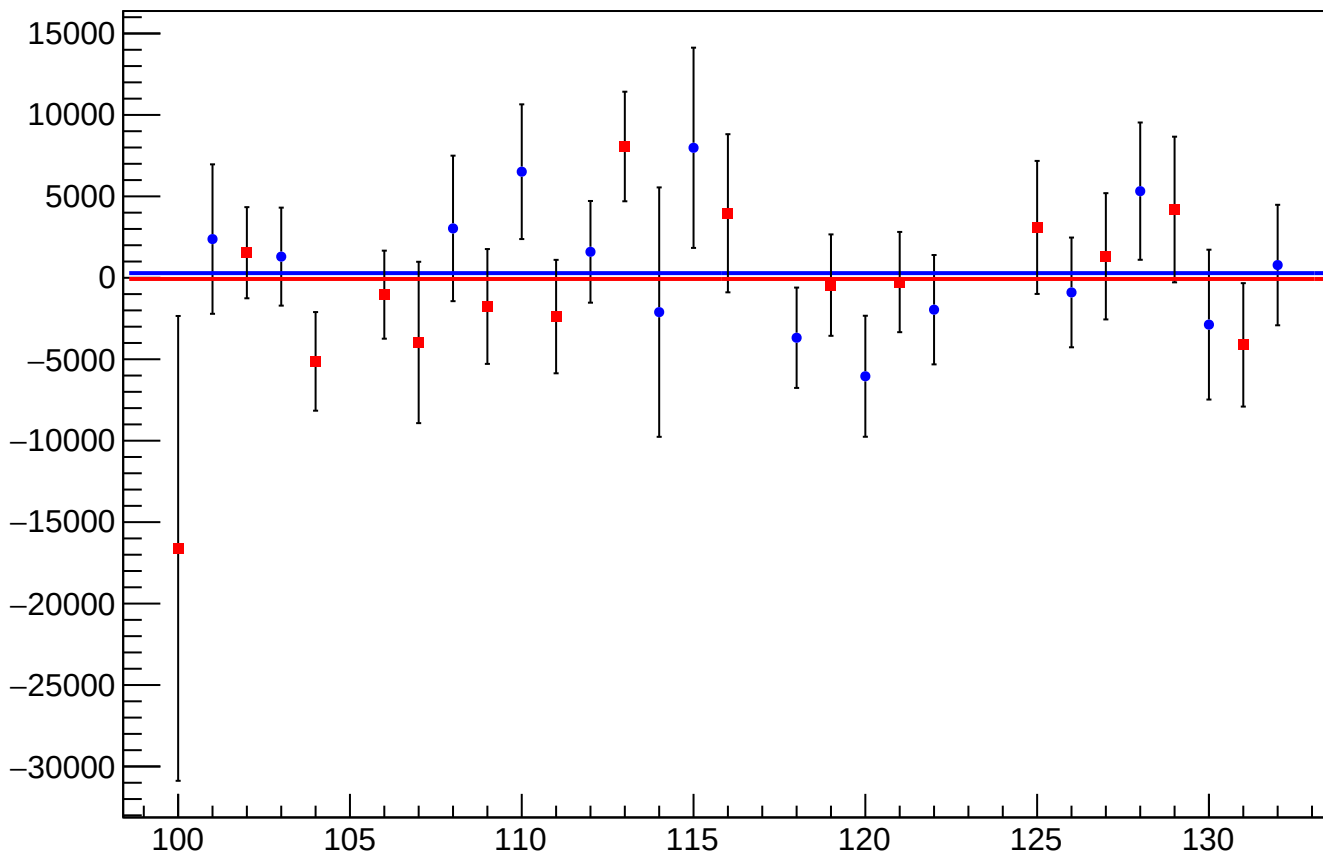
Right: 835.976+/-0.172 χ^2/NDF : 266346.7/28

In: 837.656+/-0.245 χ^2/NDF : 193906.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 835.976+/-0.172 χ^2/NDF : 266346.7/28

asym_usl_atl2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 287.275+/-1029.187 χ^2/NDF : 11.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -70.360+/-925.231 χ^2/NDF : 15.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

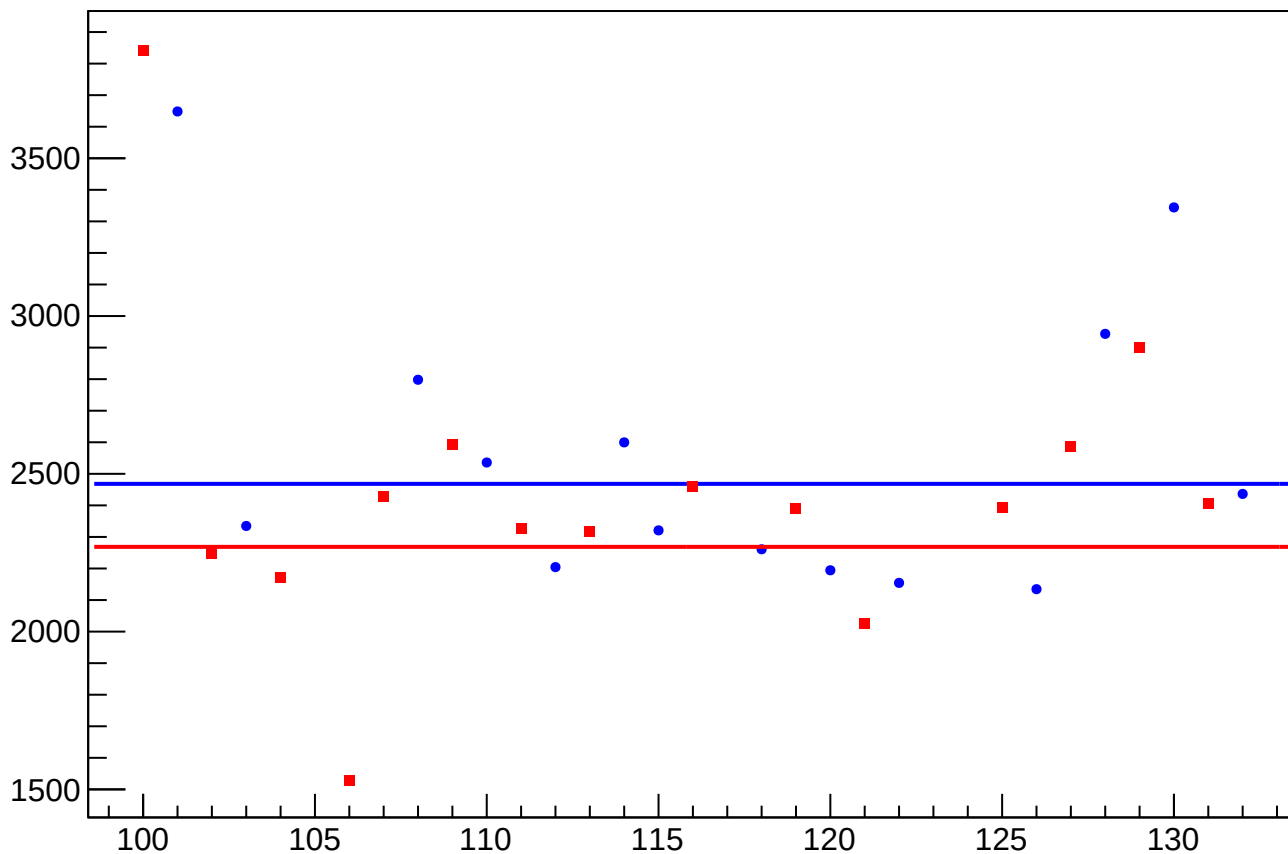
Right: 89.489+/-688.064 χ^2/NDF : 27.1/28

In: 287.275+/-1029.187 χ^2/NDF : 11.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.489+/-688.064 χ^2/NDF : 27.1/28

asym_usl_atl2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2468.191+/-0.728 χ^2/NDF : 318894.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2268.558+/-0.654 χ^2/NDF : 272691.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

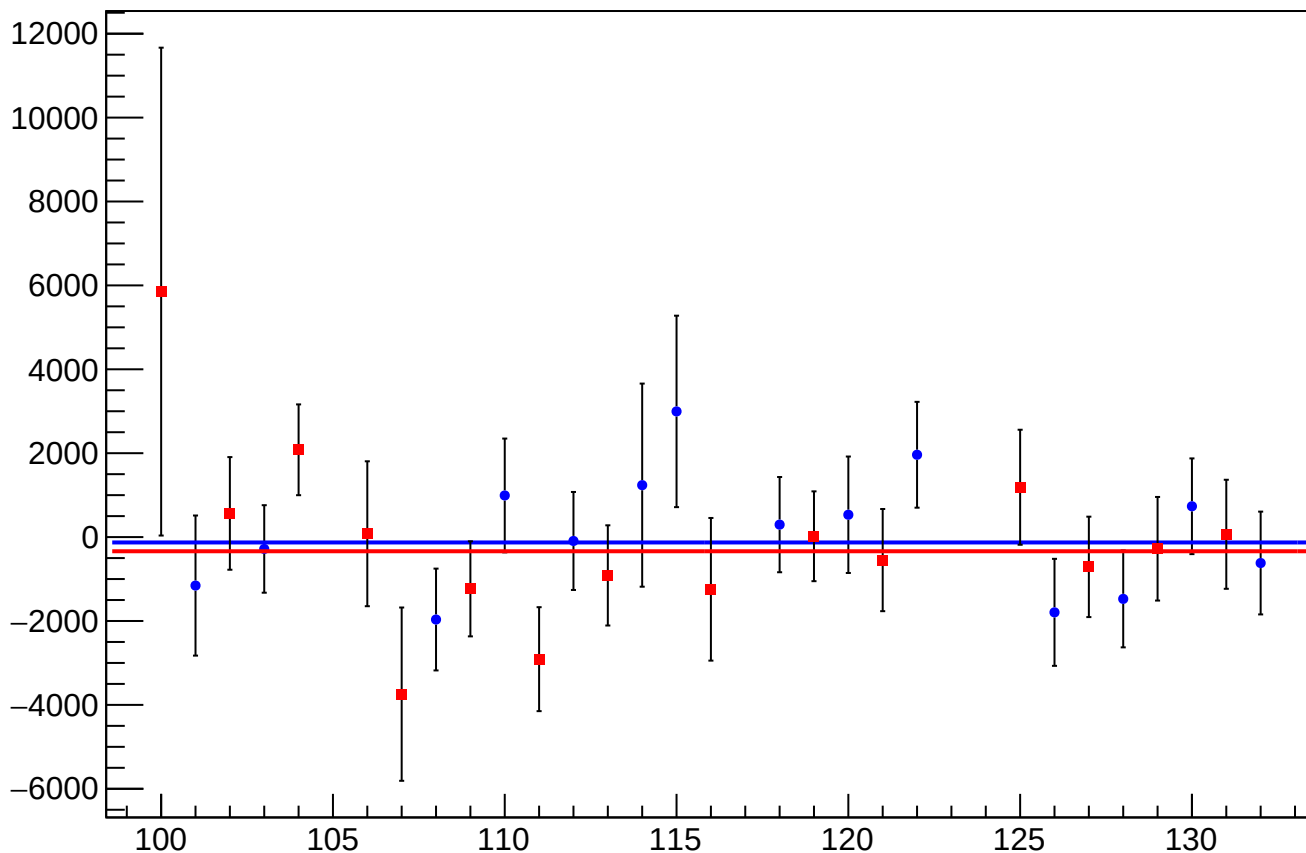
Right: 2357.786+/-0.487 χ^2/NDF : 633201.9/28

In: 2468.191+/-0.728 χ^2/NDF : 318894.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2357.786+/-0.487 χ^2/NDF : 633201.9/28

eigen_dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -127.820+/-346.743 χ^2/NDF : 12.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -337.714+/-342.807 χ^2/NDF : 16.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

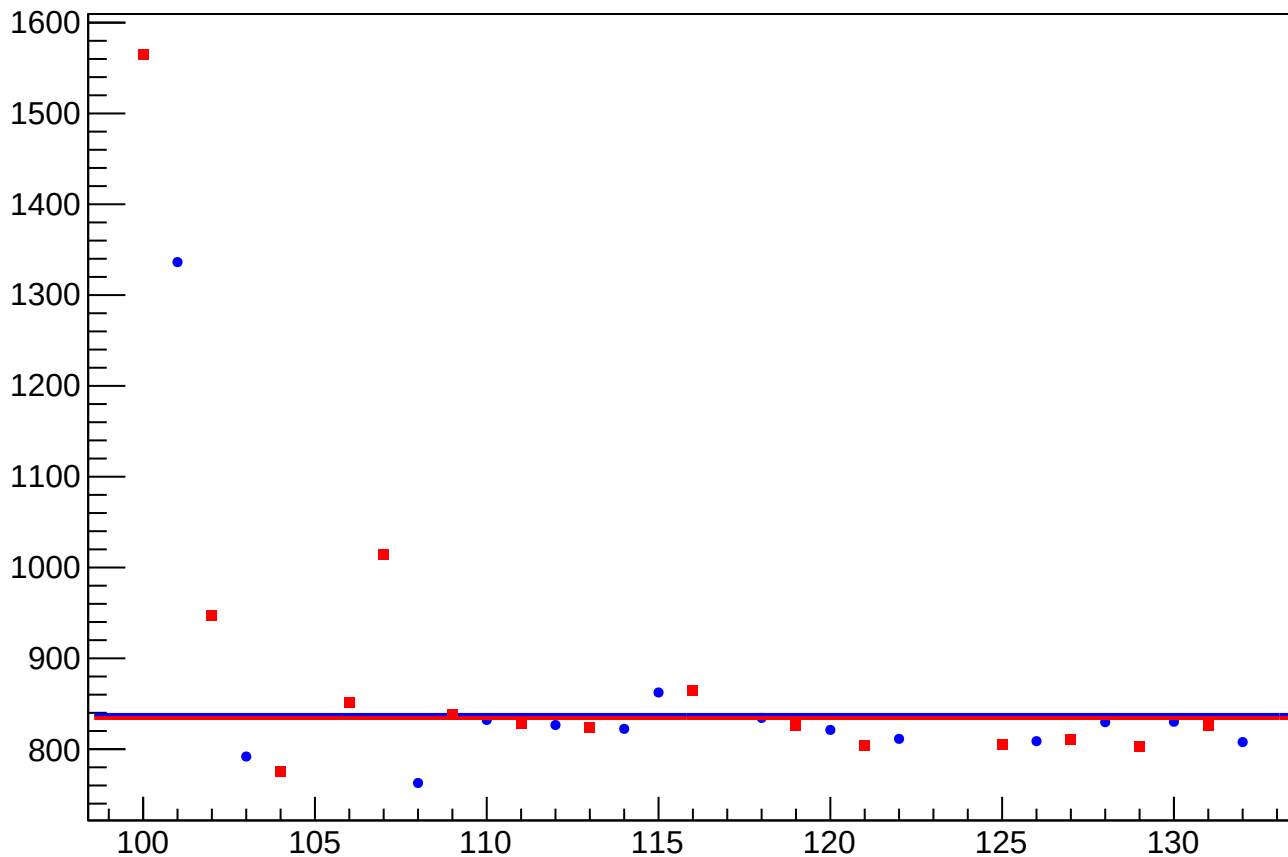
Right: -233.965+/-243.781 χ^2/NDF : 29.0/28

In: -127.820+/-346.743 χ^2/NDF : 12.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -233.965+/-243.781 χ^2/NDF : 29.0/28

eigen_dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 837.656+/-0.245 χ^2/NDF : 193905.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 834.338+/-0.242 χ^2/NDF : 72347.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

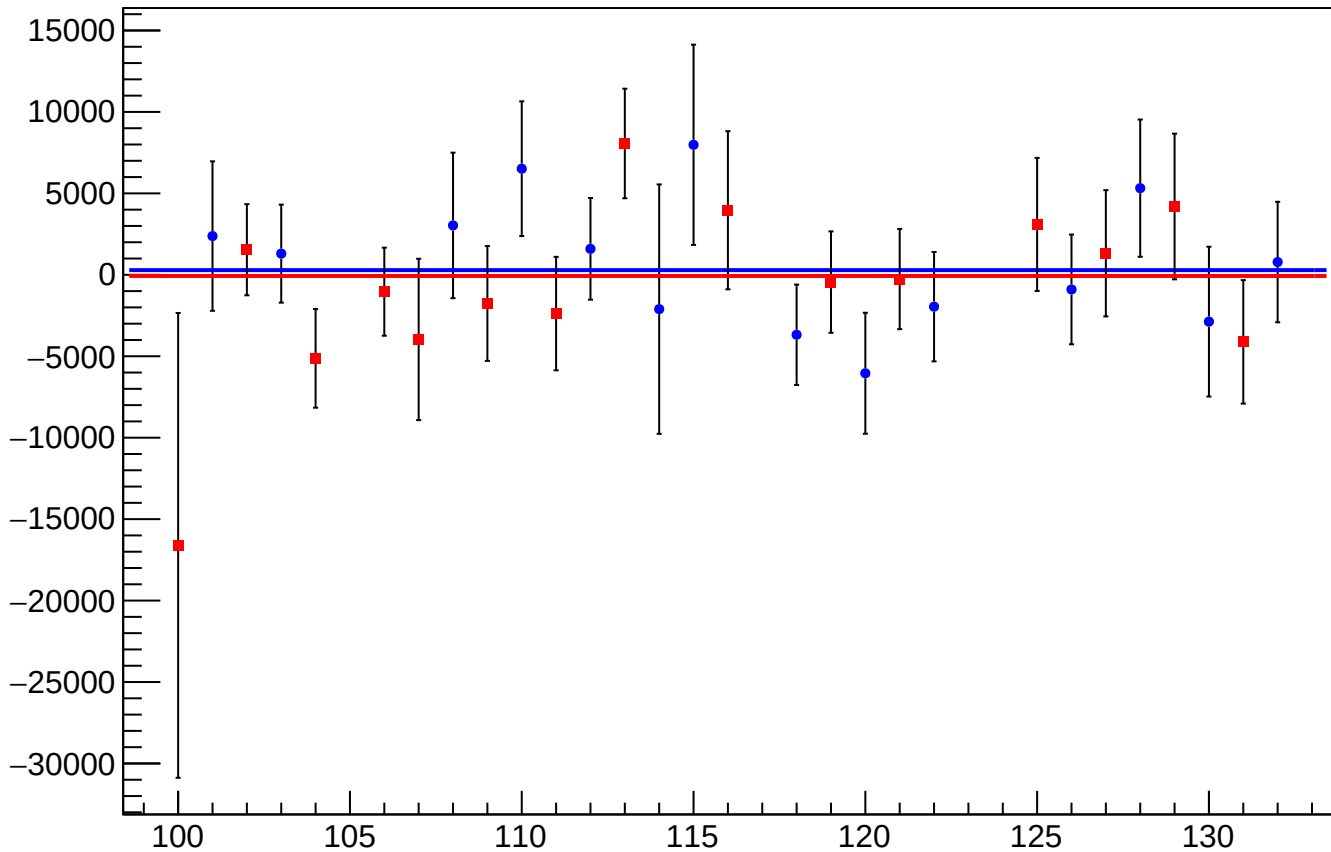
Right: 835.976+/-0.172 χ^2/NDF : 266346.2/28

In: 837.656+/-0.245 χ^2/NDF : 193905.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 835.976+/-0.172 χ^2/NDF : 266346.2/28

asym_usl_atl2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 287.272 $\pm$ 1029.183 χ^2 /NDF: 11.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -70.362 $\pm$ 925.229 χ^2 /NDF: 15.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

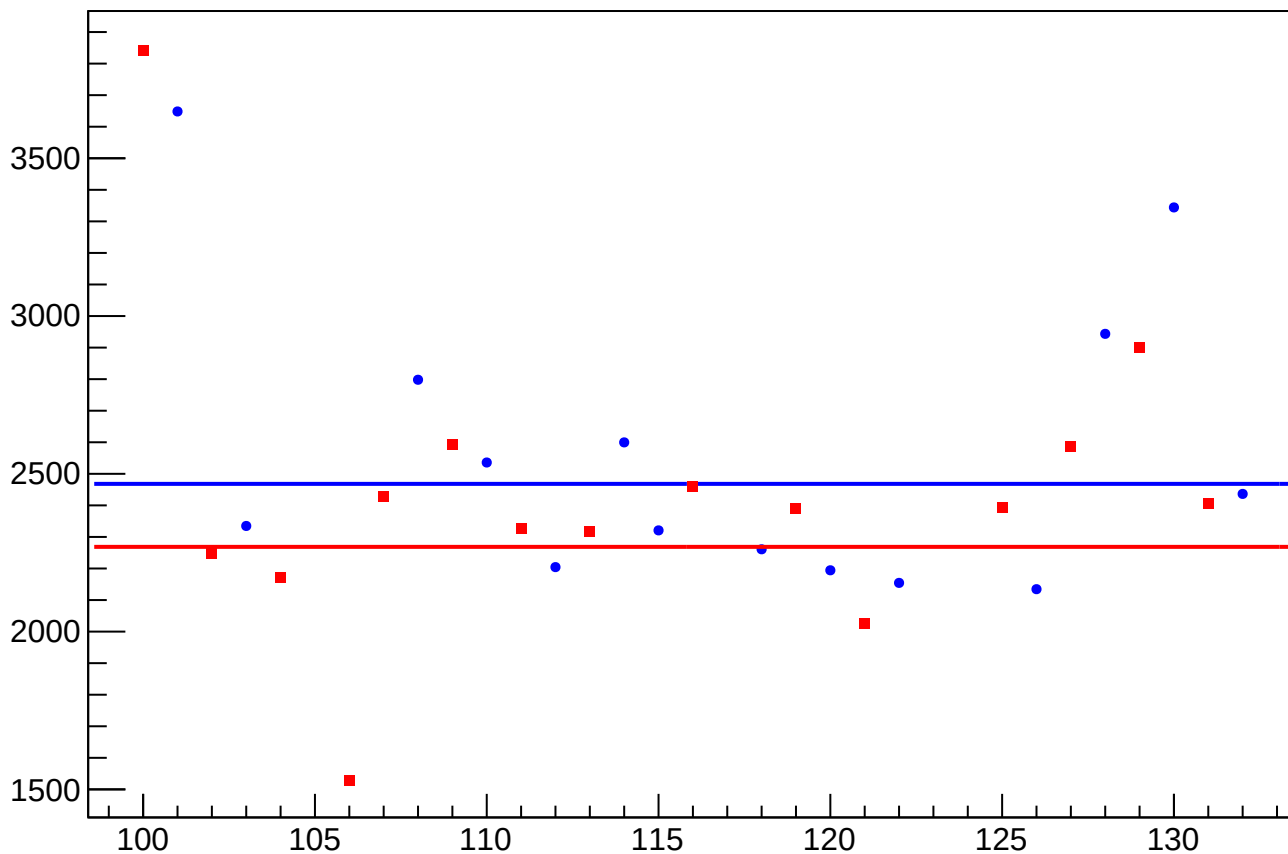
Right: 89.486 $\pm$ 688.061 χ^2 /NDF: 27.1/28

In: 287.272 $\pm$ 1029.183 χ^2 /NDF:11.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 89.486 $\pm$ 688.061 χ^2 /NDF: 27.1/28

asym_usl_atl2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2468.182+/-0.728 χ^2/NDF : 318896.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2268.552+/-0.654 χ^2/NDF : 272692.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

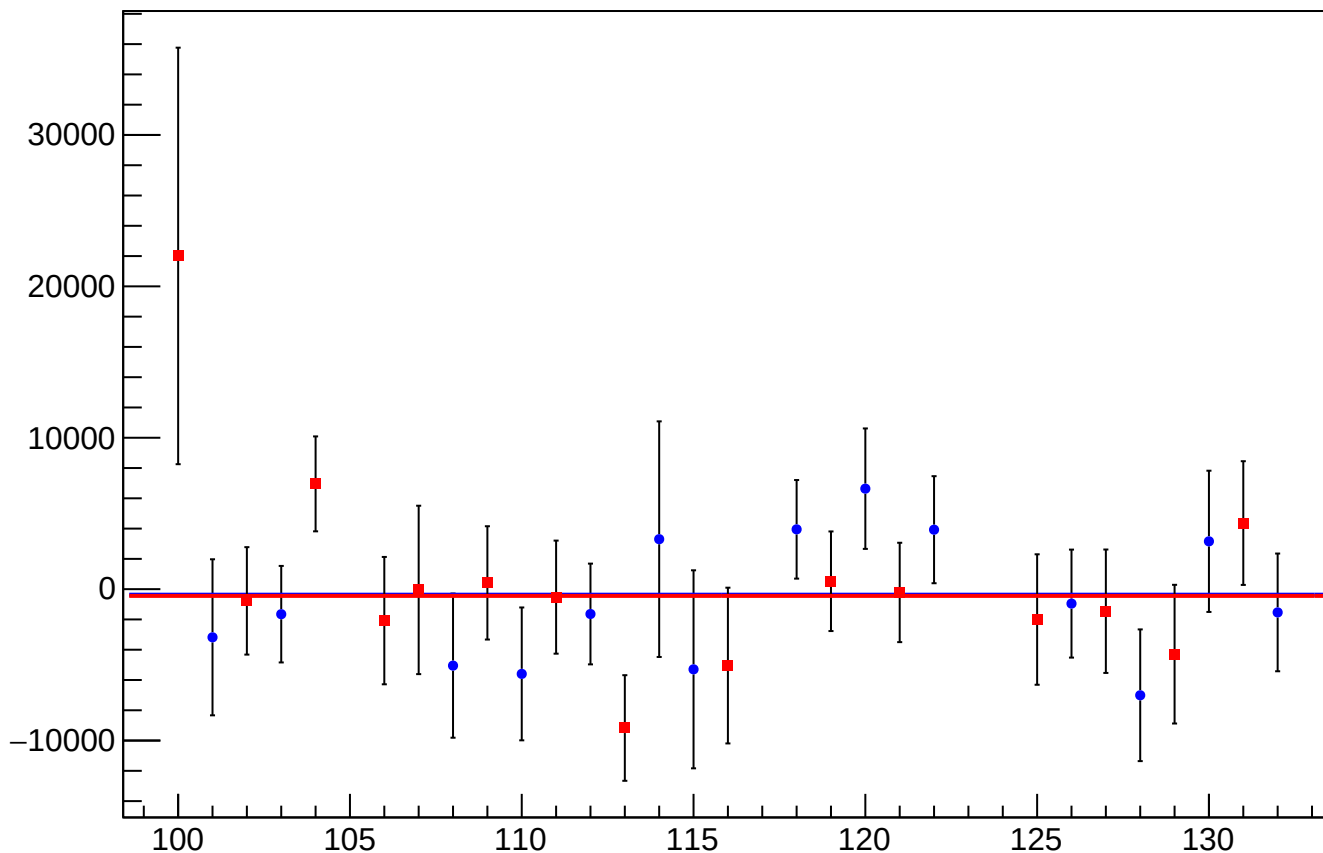
Right: 2357.778+/-0.487 χ^2/NDF : 633204.6/28

In: 2468.182+/-0.728 χ^2/NDF : 318896.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2357.778+/-0.487 χ^2/NDF : 633204.6/28

asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -366.296+/-1088.885 χ^2/NDF : 13.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -444.794+/-1028.518 χ^2/NDF : 17.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

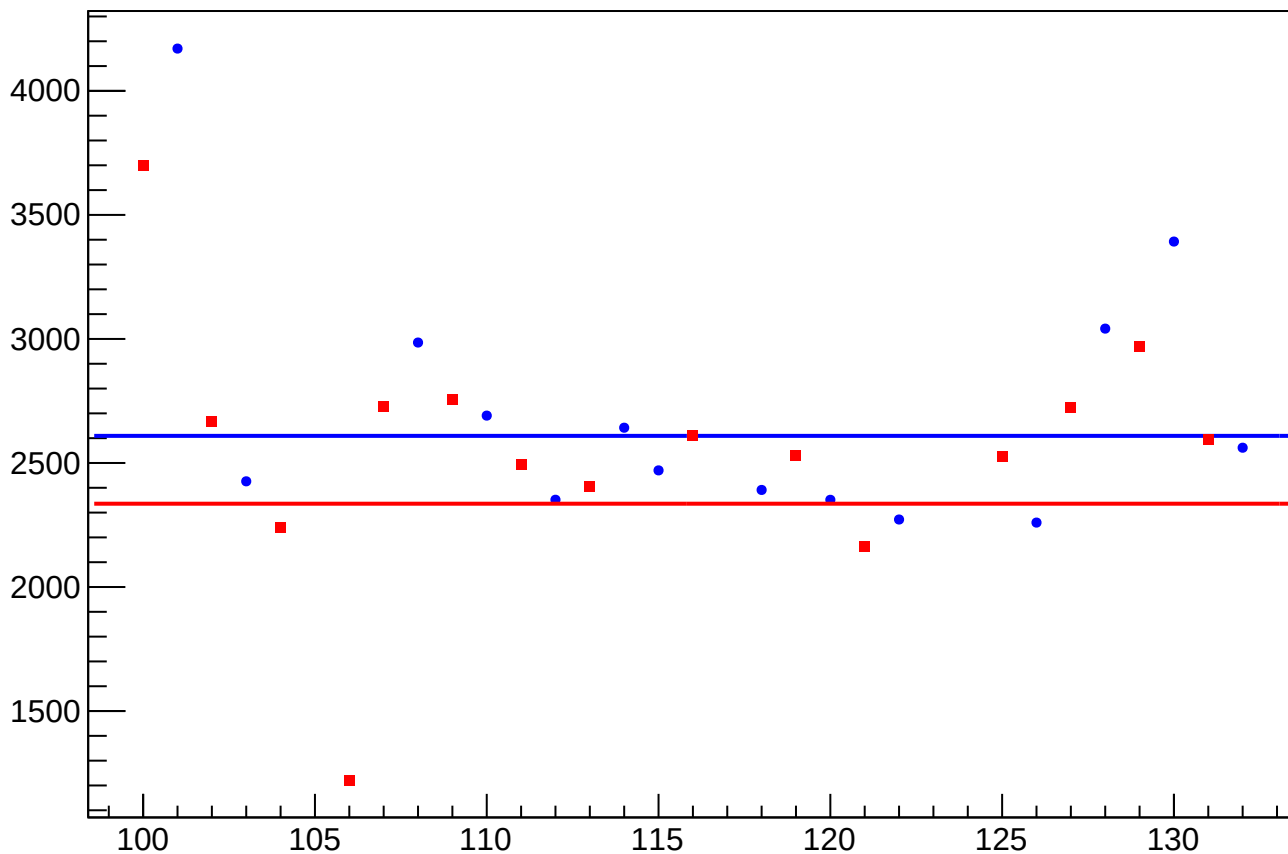
Right: -407.781+/-747.703 χ^2/NDF : 31.0/28

In: -366.296+/-1088.885 χ^2/NDF : 13.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -407.781+/-747.703 χ^2/NDF : 31.0/28

asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 2609.306+/-0.770 χ^2/NDF : 347465.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2335.823+/-0.691 χ^2/NDF : 556174.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

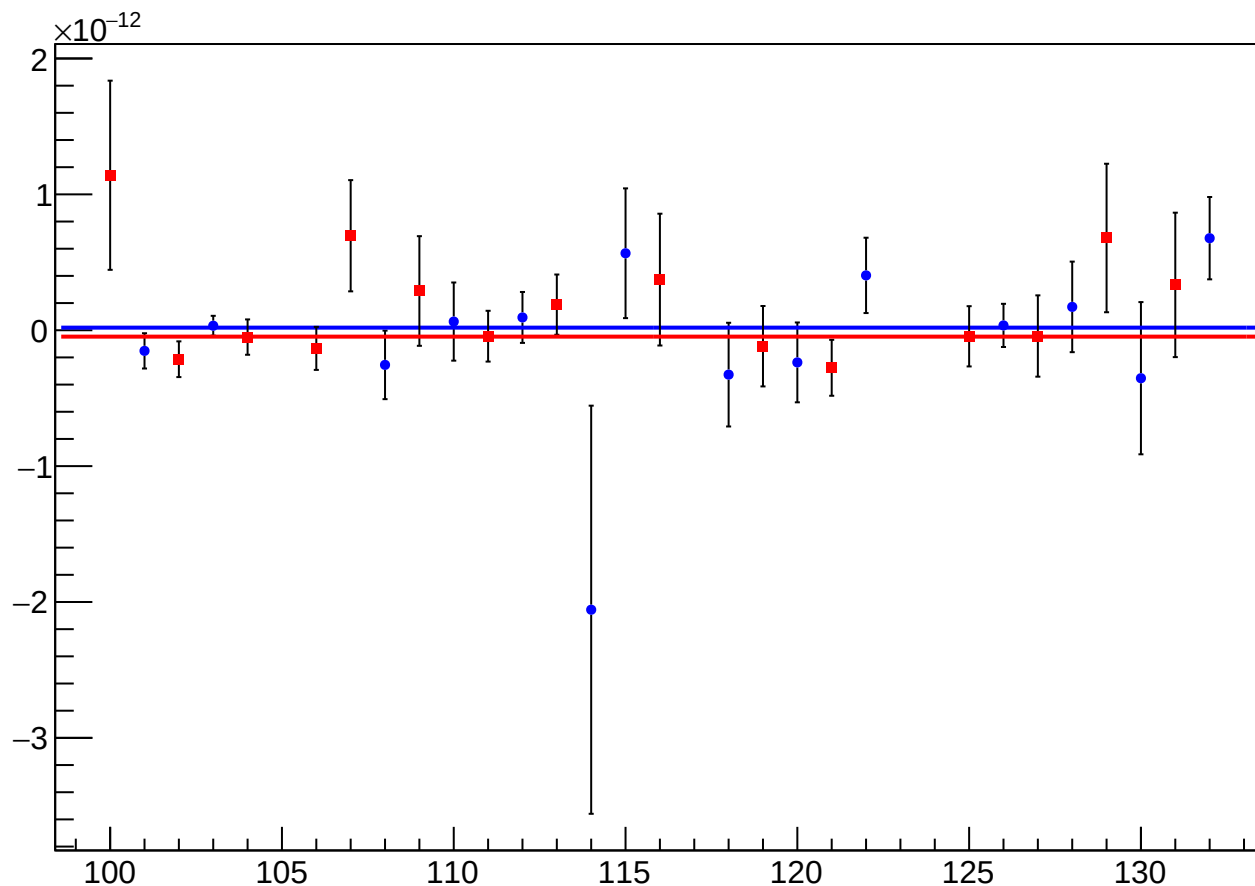
Right: 2457.917+/-0.514 χ^2/NDF : 973477.2/28

In: 2609.306+/-0.770 χ^2/NDF : 347465.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2457.917+/-0.514 χ^2/NDF : 973477.2/28

asym_usl_atl2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

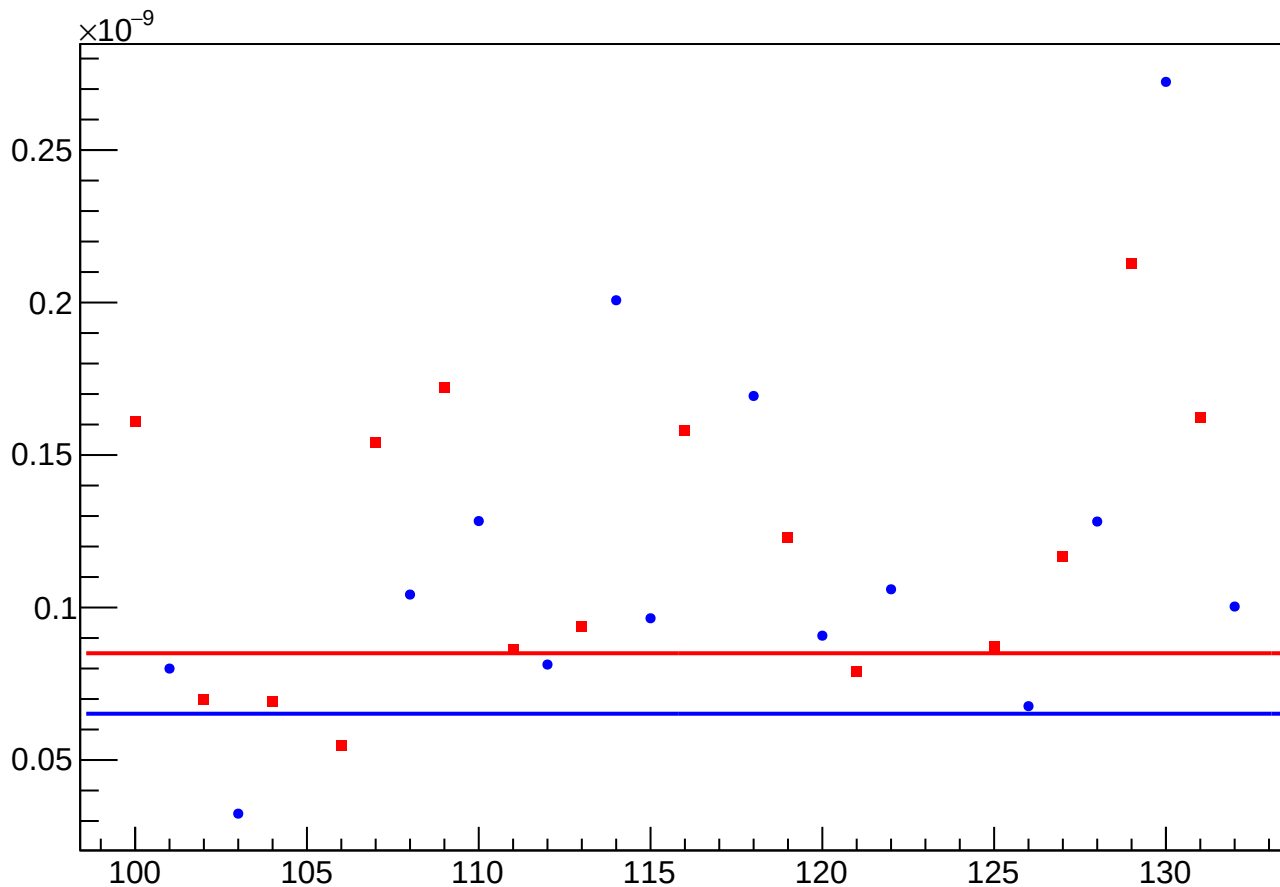
Right: -0.000+/-0.000 χ^2/NDF : 30.3/28

In: 0.000+/-0.000 χ^2/NDF : 15.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.3/28

asym_usl_atl2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1194298.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 560528.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

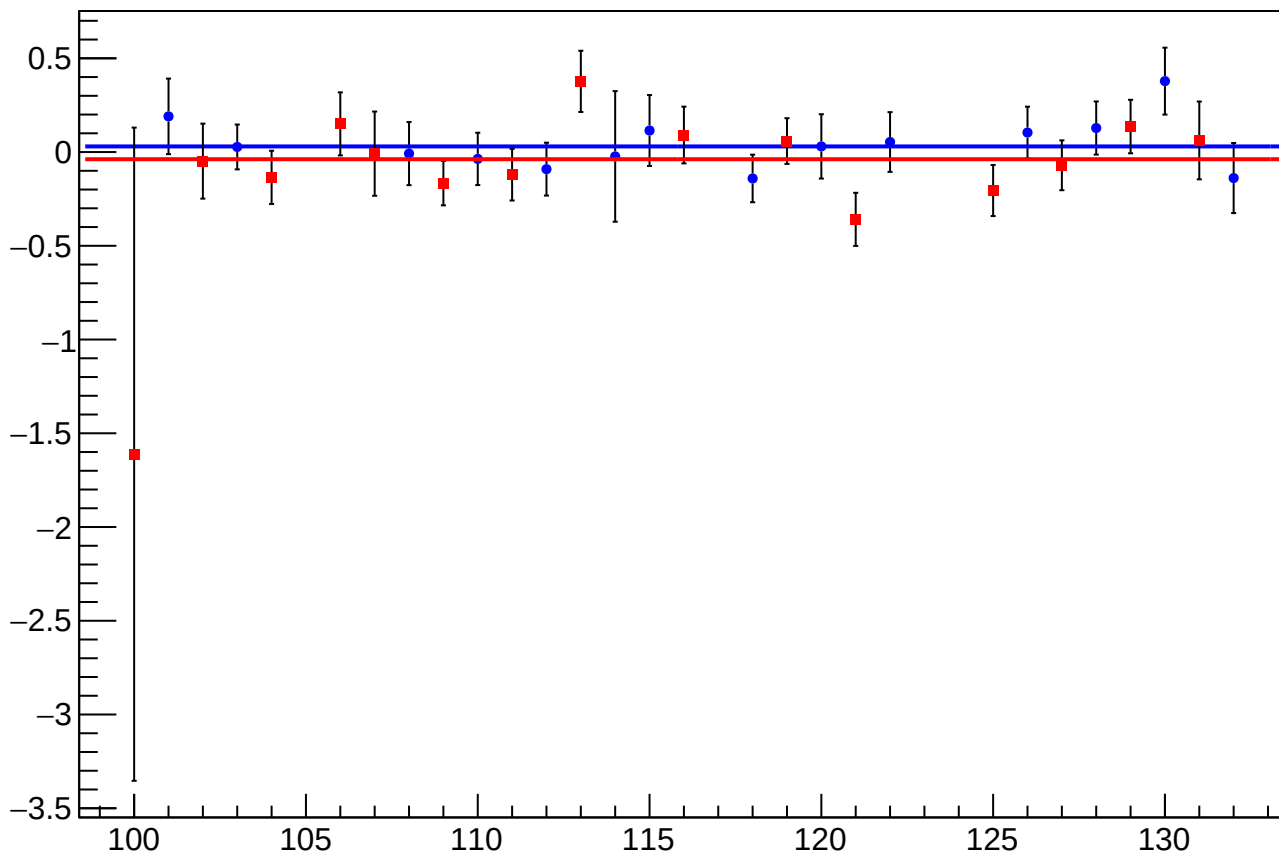
Right: 0.000+/-0.000 χ^2/NDF : 1889409.9/28

In: 0.000+/-0.000 χ^2/NDF : 1194298.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1889409.9/28

asym_usl_atl2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.030+/-0.042 χ^2/NDF : 9.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.038+/-0.040 χ^2/NDF : 20.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

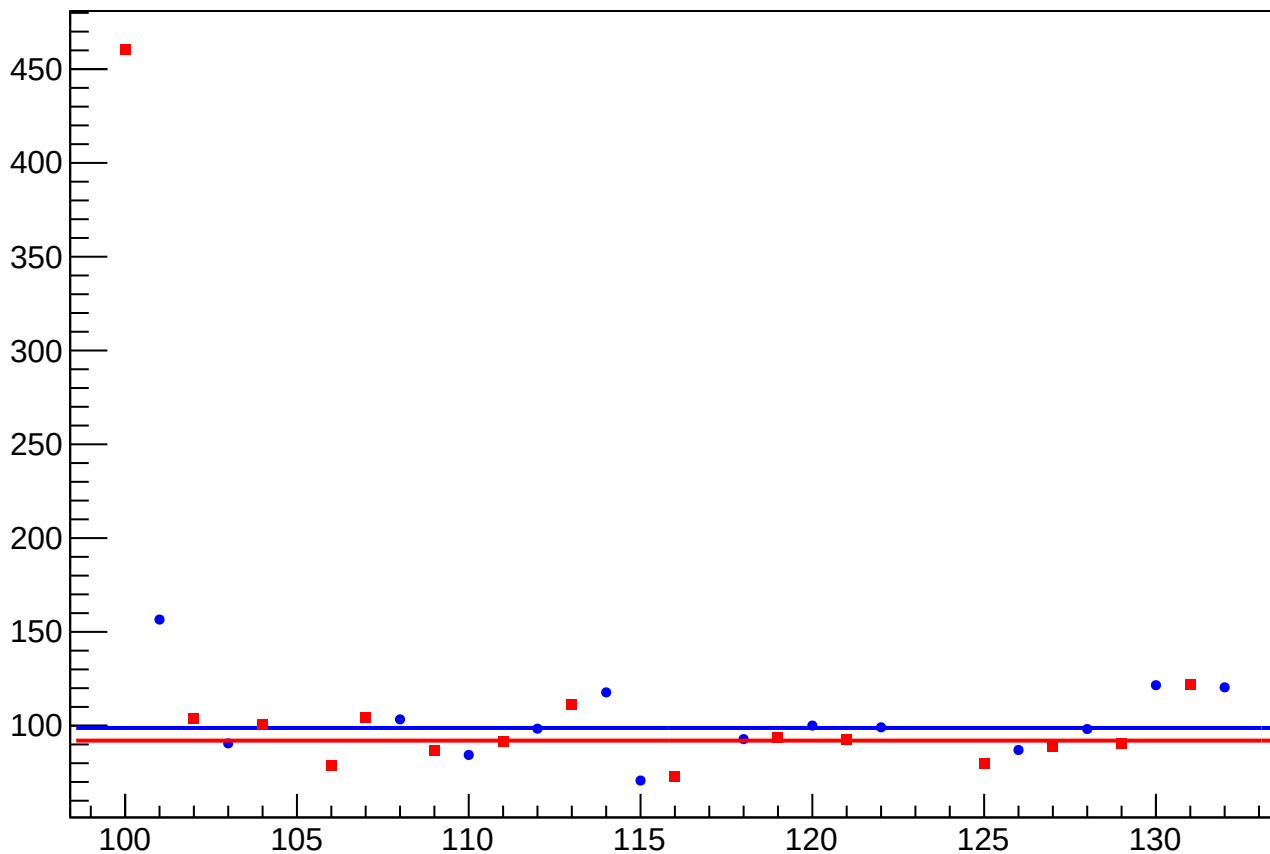
Right: -0.006+/-0.029 χ^2/NDF : 30.8/28

In: 0.030+/-0.042 χ^2/NDF : 9.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.029 χ^2/NDF : 30.8/28

asym_usl_atl2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 98.790+/-0.030 χ^2/NDF : 324968.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.044+/-0.028 χ^2/NDF : 243723.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

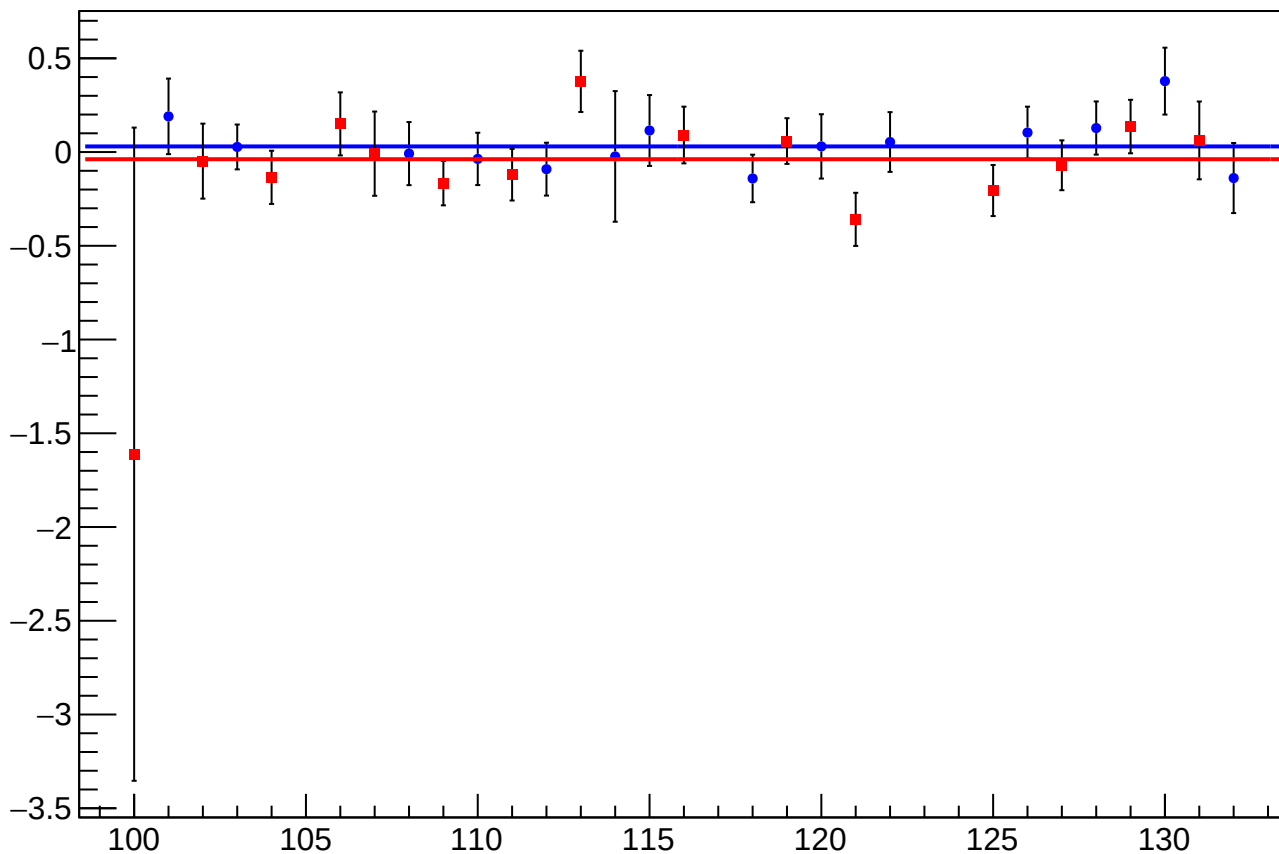
Right: 95.221+/-0.020 χ^2/NDF : 595917.2/28

In: 98.790+/-0.030 χ^2/NDF : 324968.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.221+/-0.020 χ^2/NDF : 595917.2/28

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.030 $\pm$ 0.042 χ^2 /NDF: 9.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.038 $\pm$ 0.040 χ^2 /NDF: 20.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

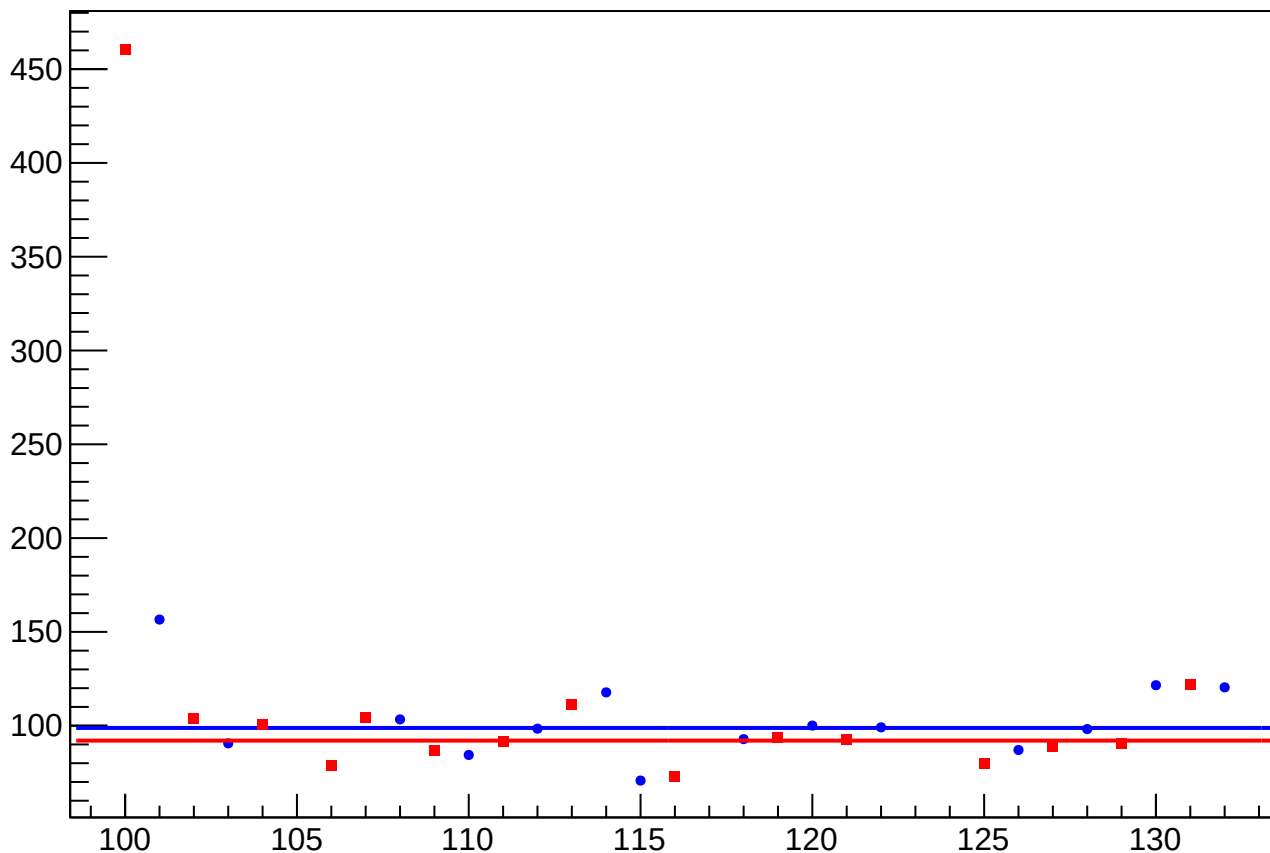
Right: -0.006 $\pm$ 0.029 χ^2 /NDF: 30.8/28

In: 0.030 $\pm$ 0.042 χ^2 /NDF:9.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.006 $\pm$ 0.029 χ^2 /NDF: 30.8/28

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 98.790+/-0.030 χ^2/NDF : 324968.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.044+/-0.028 χ^2/NDF : 243723.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

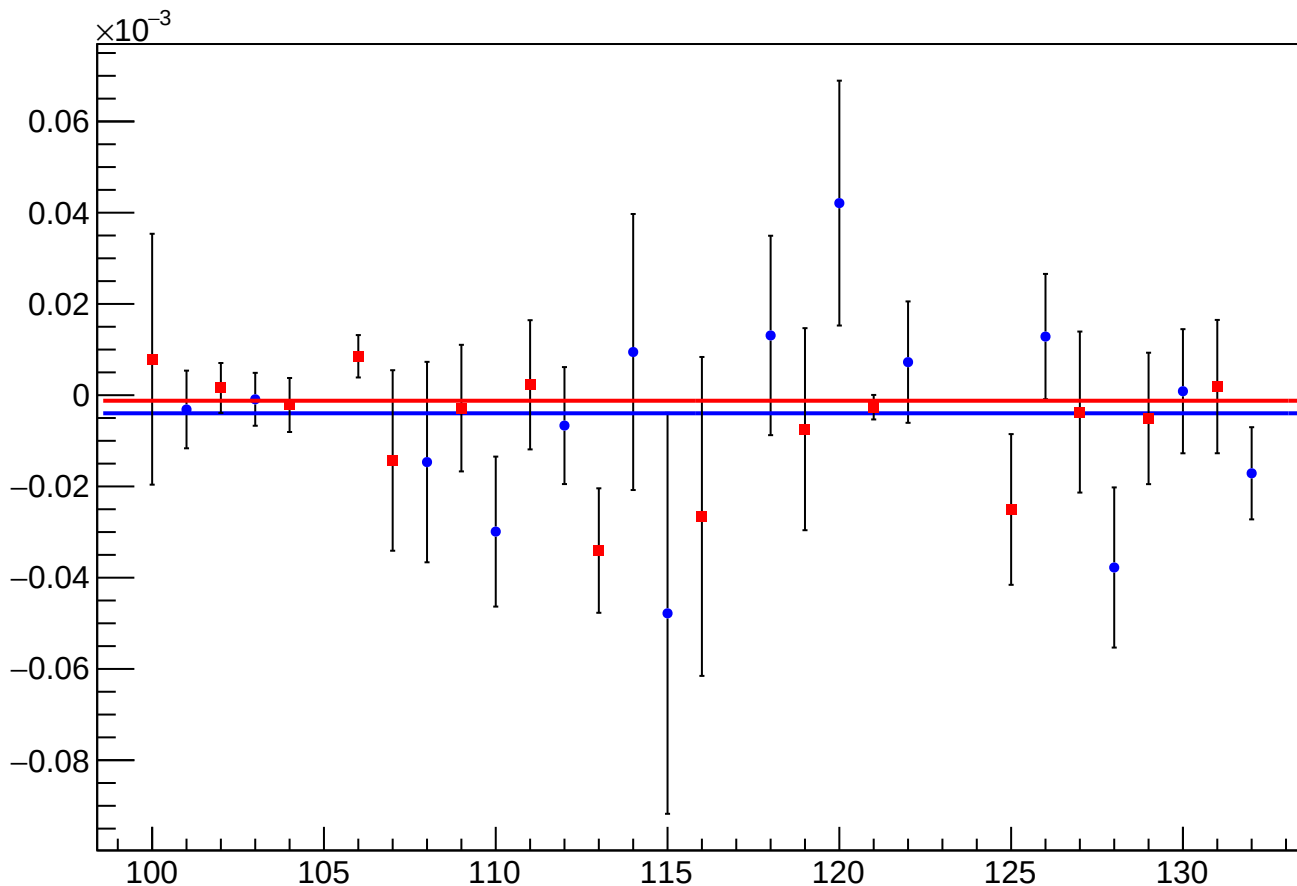
Right: 95.221+/-0.020 χ^2/NDF : 595917.2/28

In: 98.790+/-0.030 χ^2/NDF : 324968.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.221+/-0.020 χ^2/NDF : 595917.2/28

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

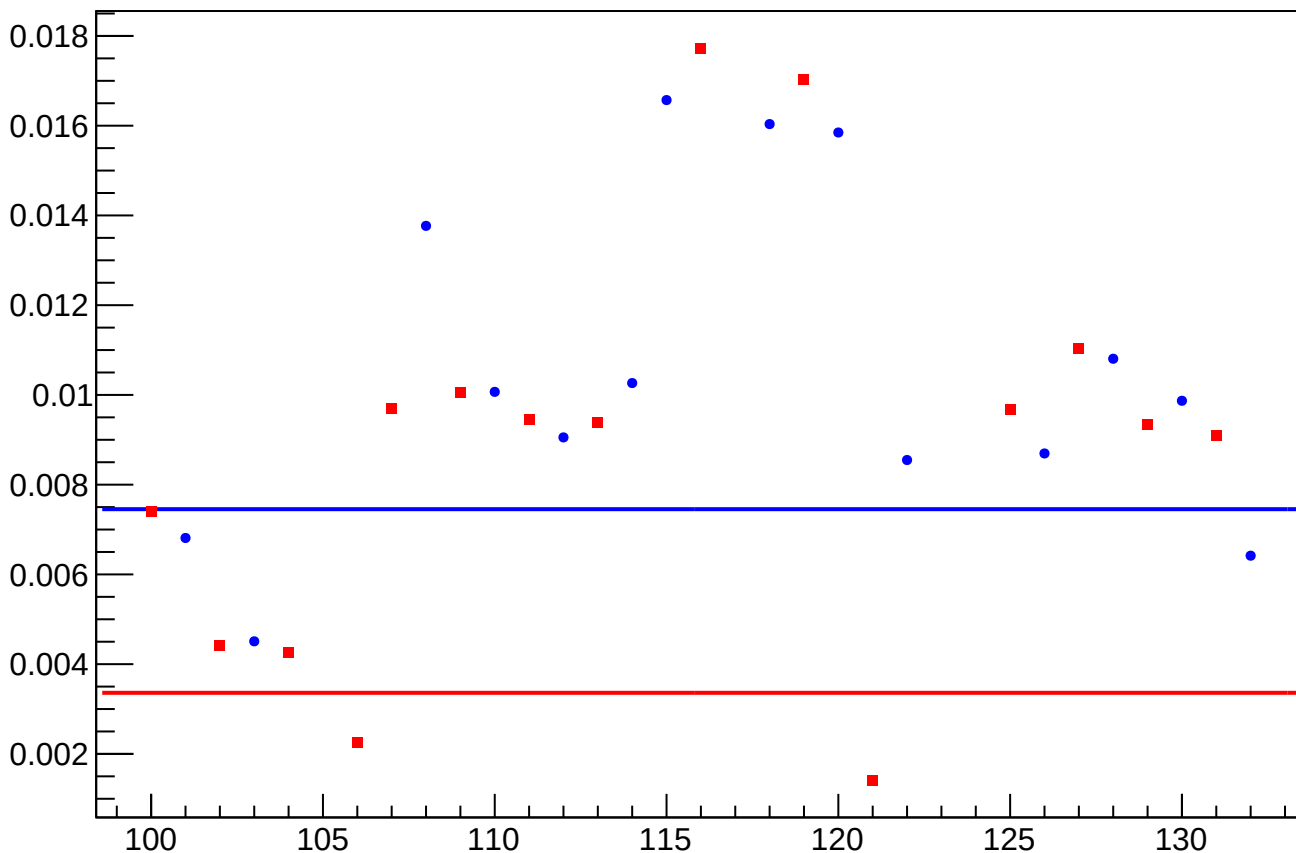
Right: -0.000+/-0.000 χ^2/NDF : 30.3/28

In: -0.000+/-0.000 χ^2/NDF : 15.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.3/28

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000

χ^2/NDF : 1568957.3/13

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000

χ^2/NDF : 5195054.6/14

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.004+/-0.000

χ^2/NDF : 9054144.5/28

In: 0.007+/-0.000

χ^2/NDF : 1568957.3/13

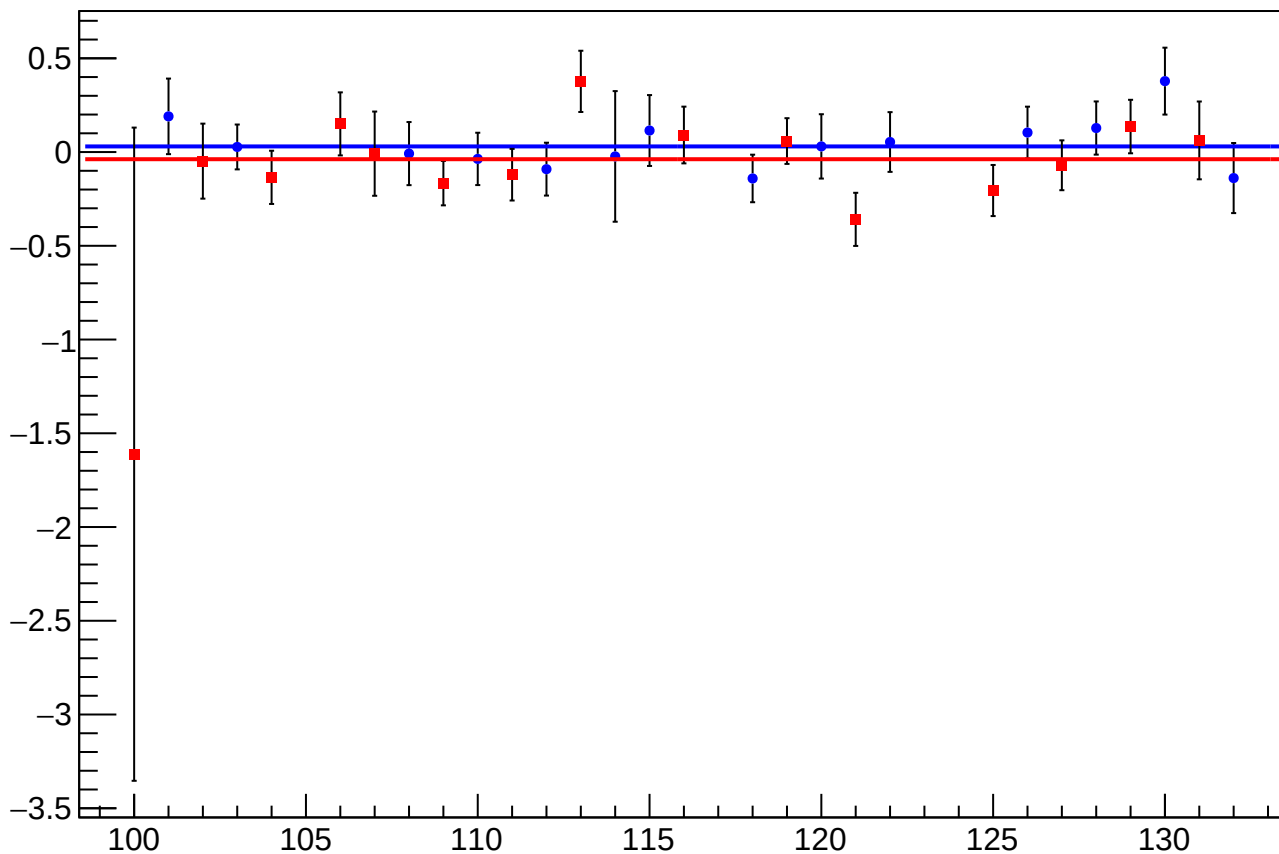
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.004+/-0.000

χ^2/NDF : 9054144.5/28

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.030+/-0.042 χ^2/NDF : 9.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.038+/-0.040 χ^2/NDF : 20.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

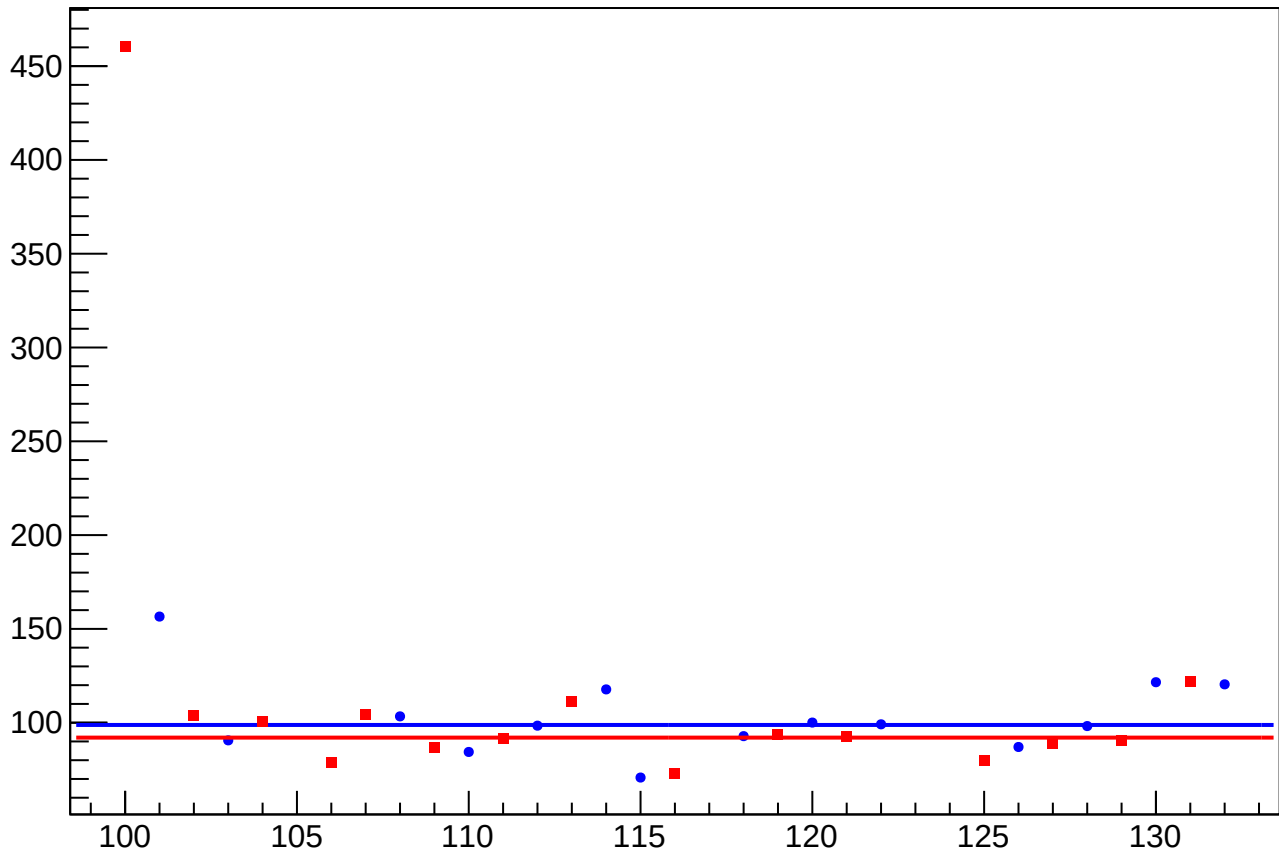
Right: -0.006+/-0.029 χ^2/NDF : 30.8/28

In: 0.030+/-0.042 χ^2/NDF : 9.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.029 χ^2/NDF : 30.8/28

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 98.790+/-0.030 χ^2/NDF : 324917.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.045+/-0.028 χ^2/NDF : 243673.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

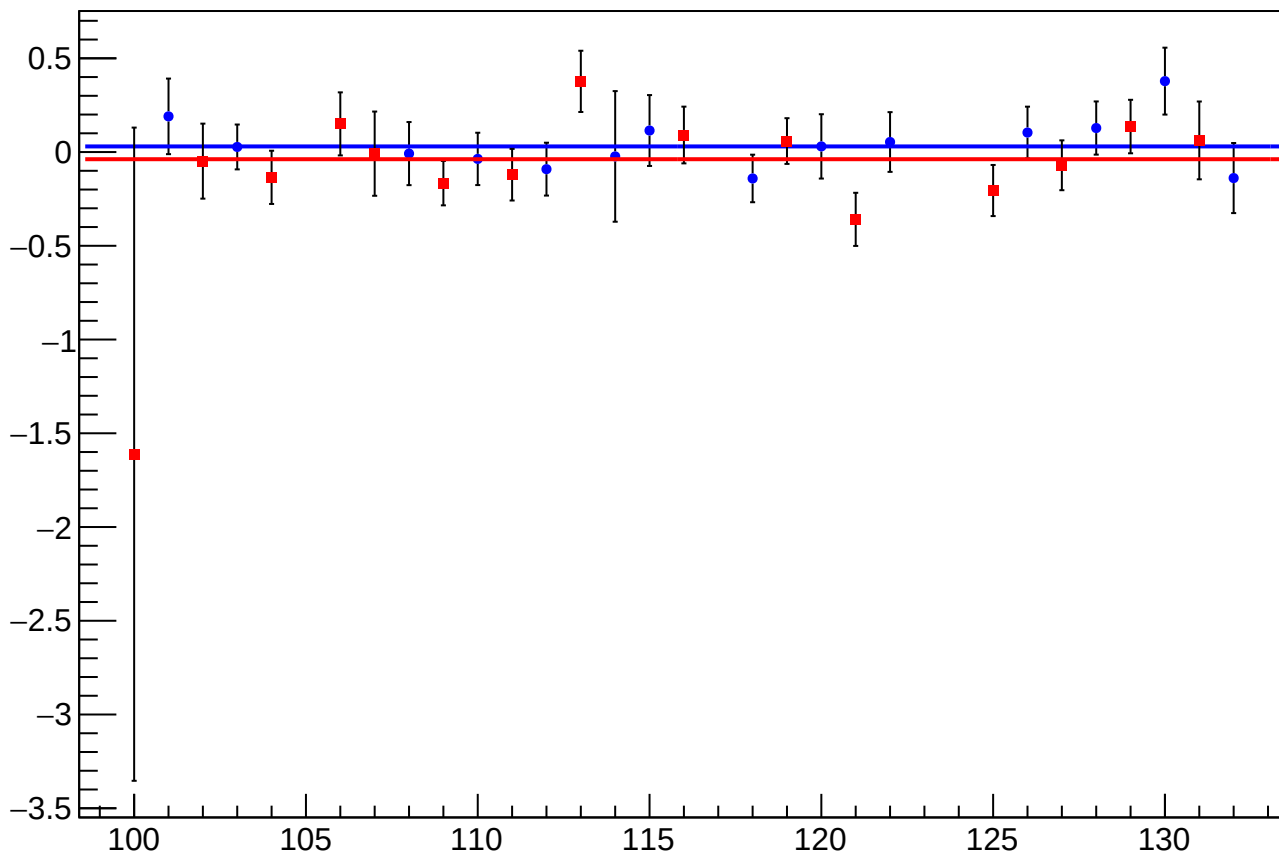
Right: 95.222+/-0.020 χ^2/NDF : 595811.8/28

In: 98.790+/-0.030 χ^2/NDF : 324917.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.222+/-0.020 χ^2/NDF : 595811.8/28

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.030+/-0.042 χ^2/NDF : 9.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.038+/-0.040 χ^2/NDF : 20.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

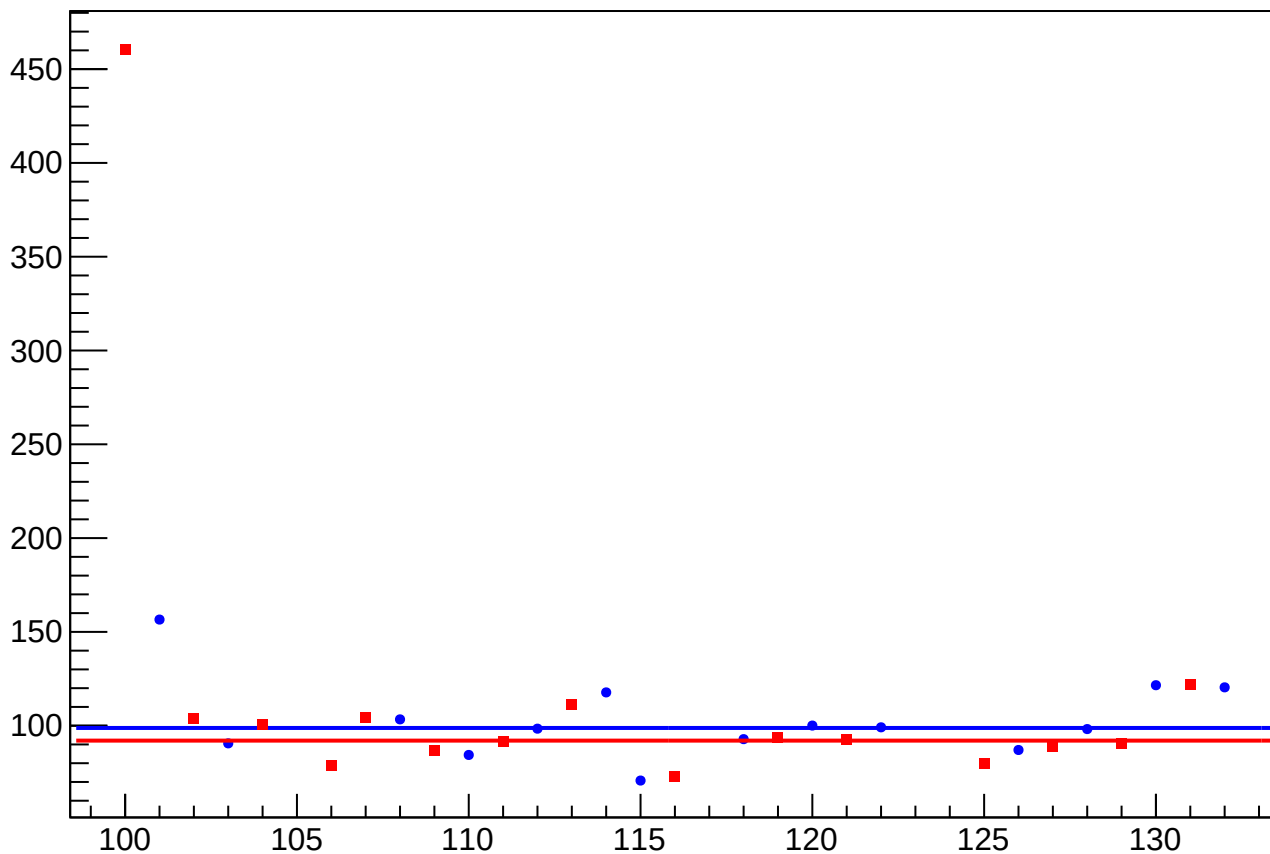
Right: -0.006+/-0.029 χ^2/NDF : 30.8/28

In: 0.030+/-0.042 χ^2/NDF : 9.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.029 χ^2/NDF : 30.8/28

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 98.790+/-0.030 χ^2/NDF : 324917.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.045+/-0.028 χ^2/NDF : 243673.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

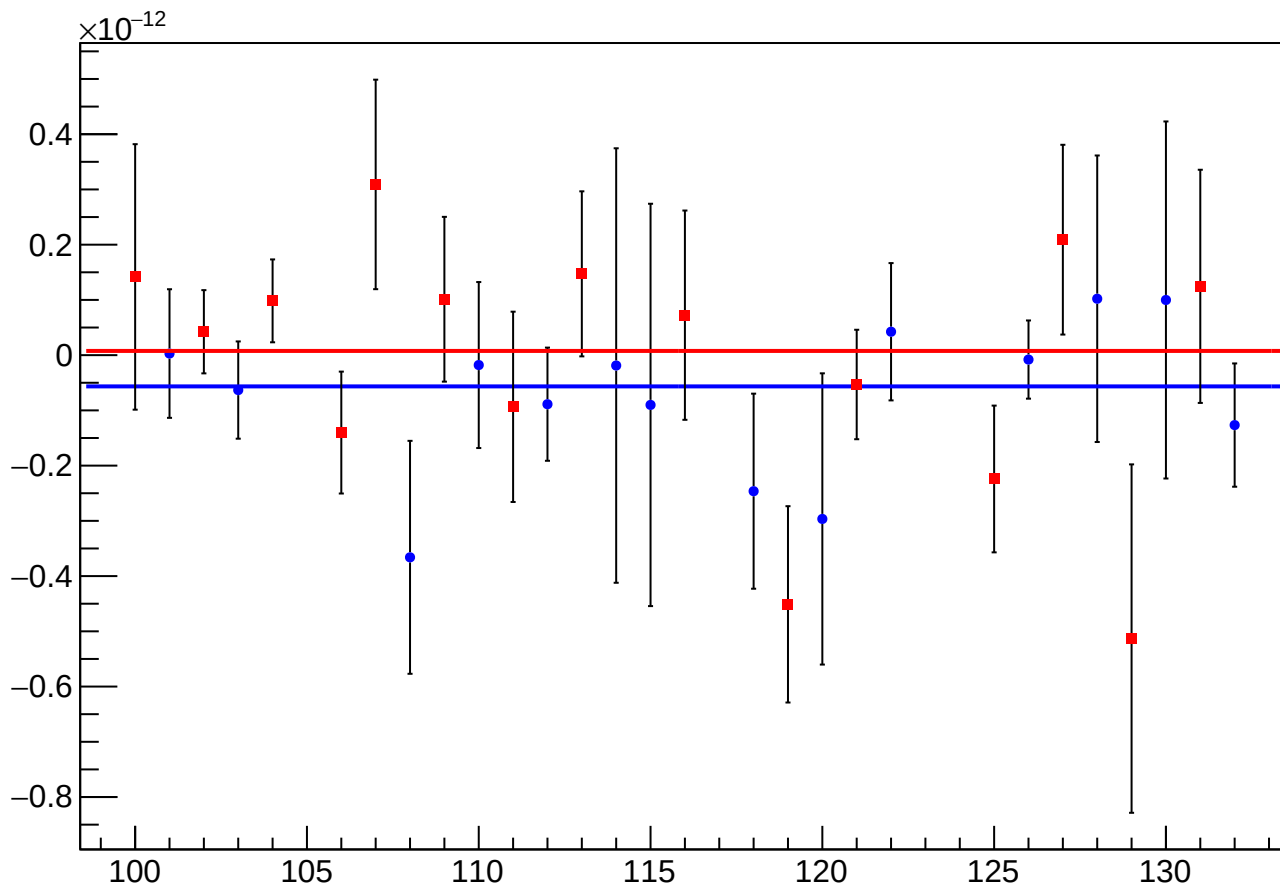
Right: 95.222+/-0.020 χ^2/NDF : 595811.8/28

In: 98.790+/-0.030 χ^2/NDF : 324917.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.222+/-0.020 χ^2/NDF : 595811.8/28

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 22.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

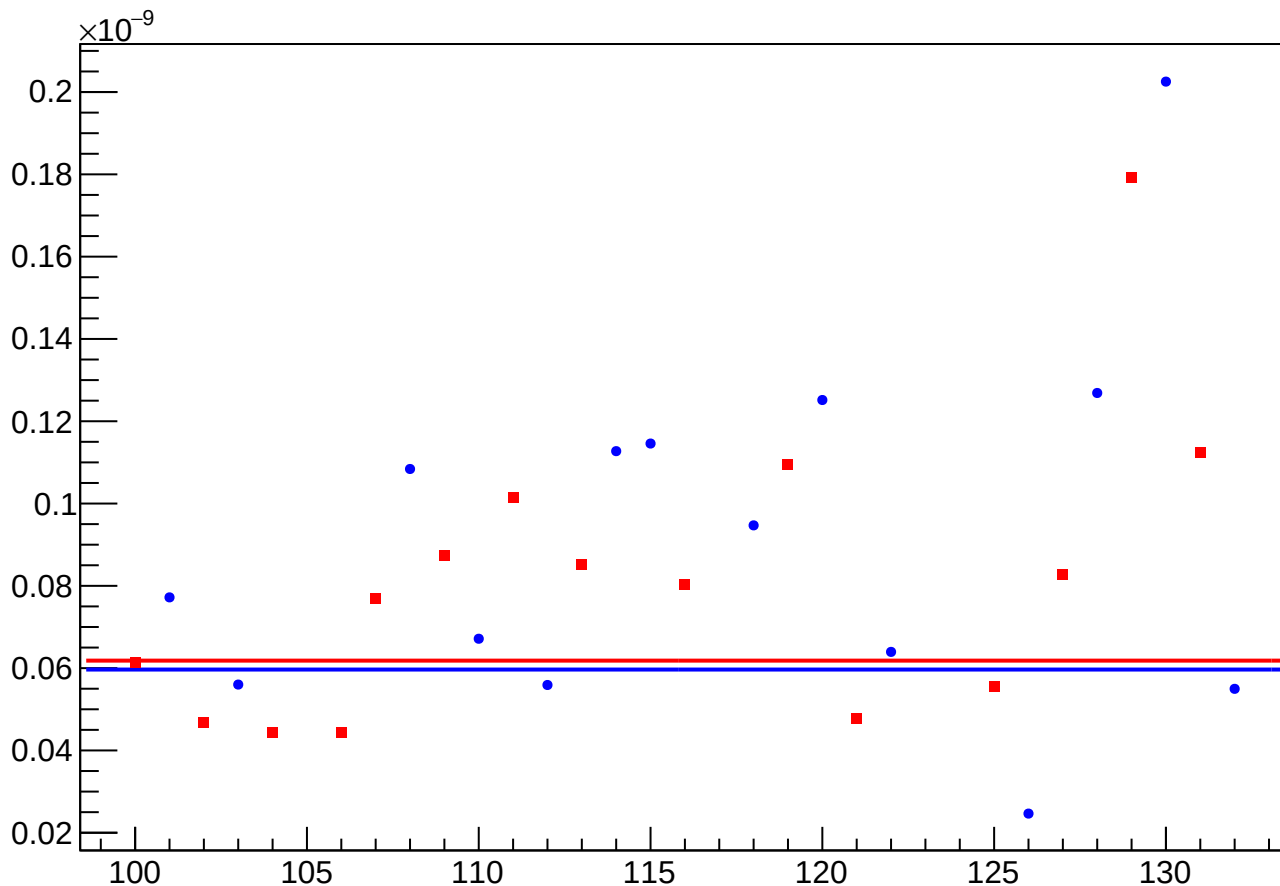
Right: -0.000+/-0.000 χ^2/NDF : 30.9/28

In: -0.000+/-0.000 χ^2/NDF : 6.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.9/28

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1467558.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1096162.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

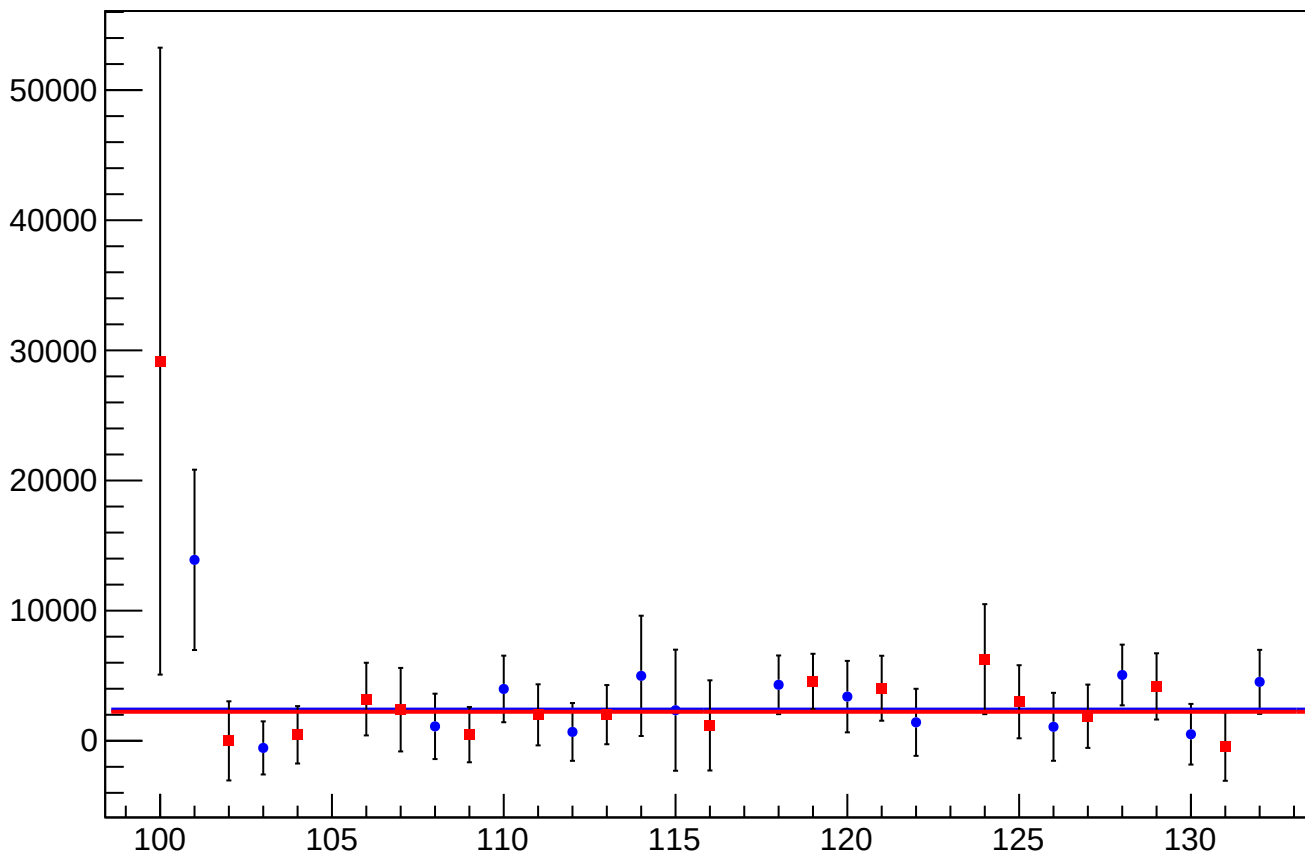
Right: 0.000+/-0.000 χ^2/NDF : 2567666.7/28

In: 0.000+/-0.000 χ^2/NDF :1467558.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2567666.7/28

reg_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2397.074+/-702.226 χ^2/NDF : 10.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2230.645+/-666.048 χ^2/NDF : 7.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

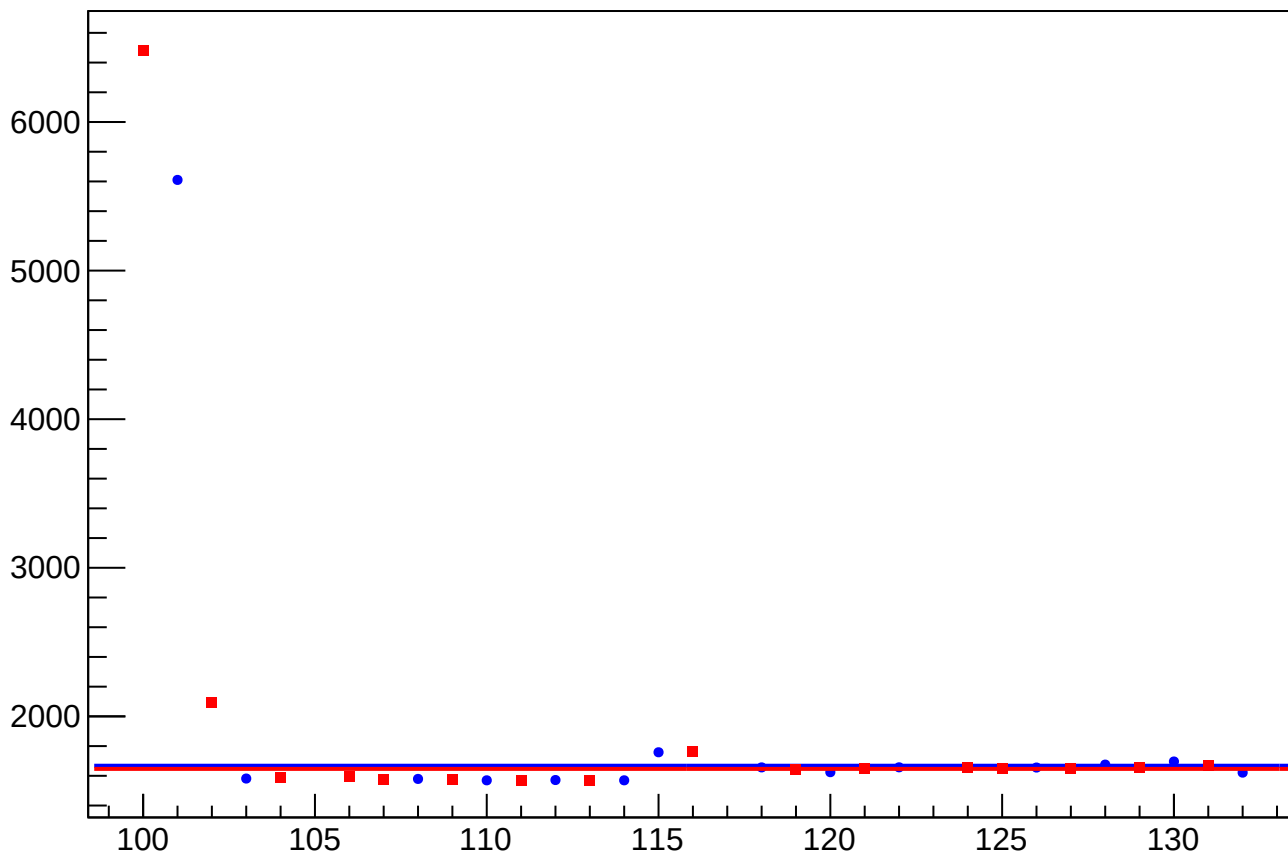
Right: 2309.462+/-483.251 χ^2/NDF : 18.1/29

In: 2397.074+/-702.226 χ^2/NDF : 10.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2309.462+/-483.251 χ^2/NDF : 18.1/29

reg_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1667.884+/-0.497 χ^2/NDF : 663583.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1646.573+/-0.471 χ^2/NDF : 136543.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

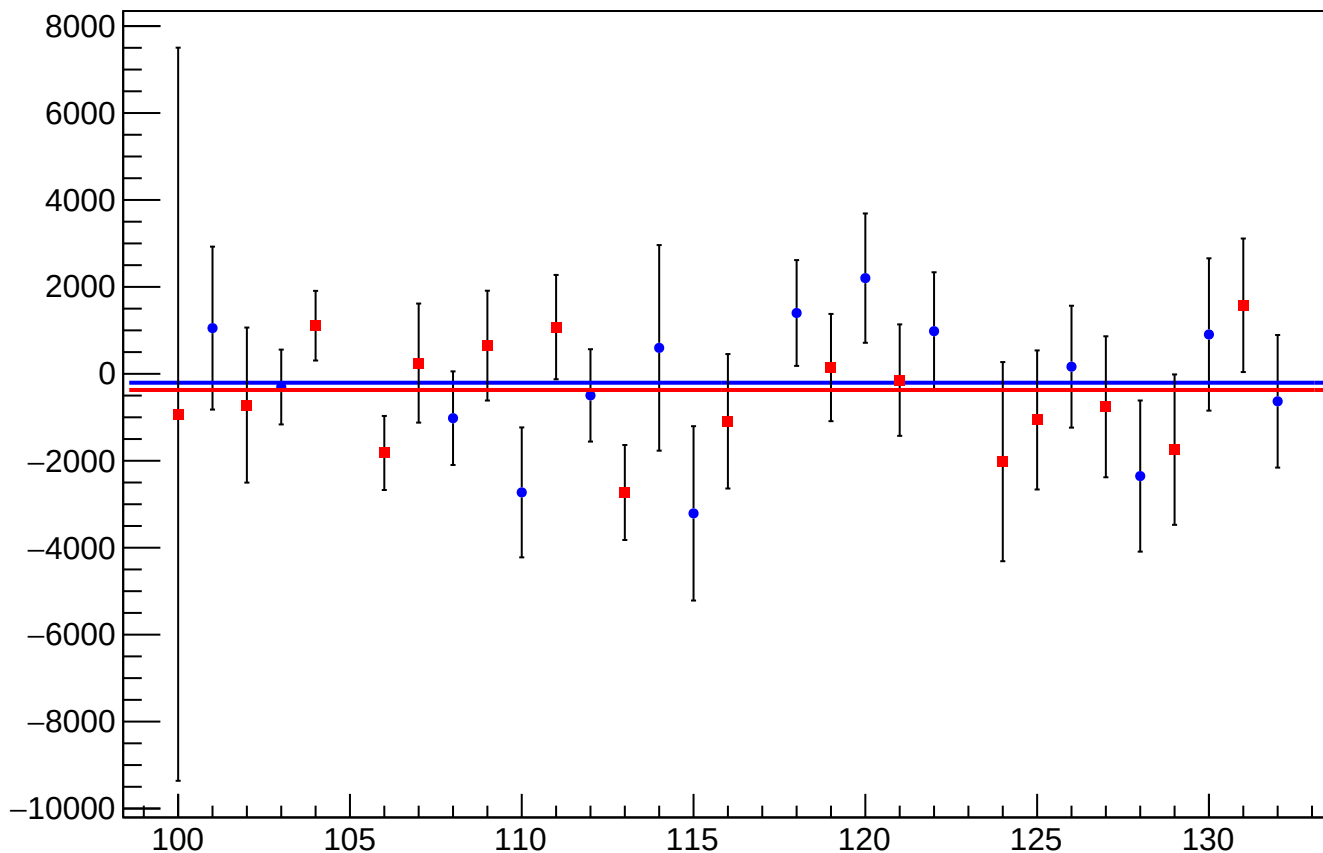
Right: 1656.665+/-0.342 χ^2/NDF : 801097.2/29

In: 1667.884+/-0.497 χ^2/NDF : 663583.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1656.665+/-0.342 χ^2/NDF : 801097.2/29

asym_usr_atr1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -204.434+/-364.534 χ^2/NDF : 13.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -371.396+/-326.868 χ^2/NDF : 16.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

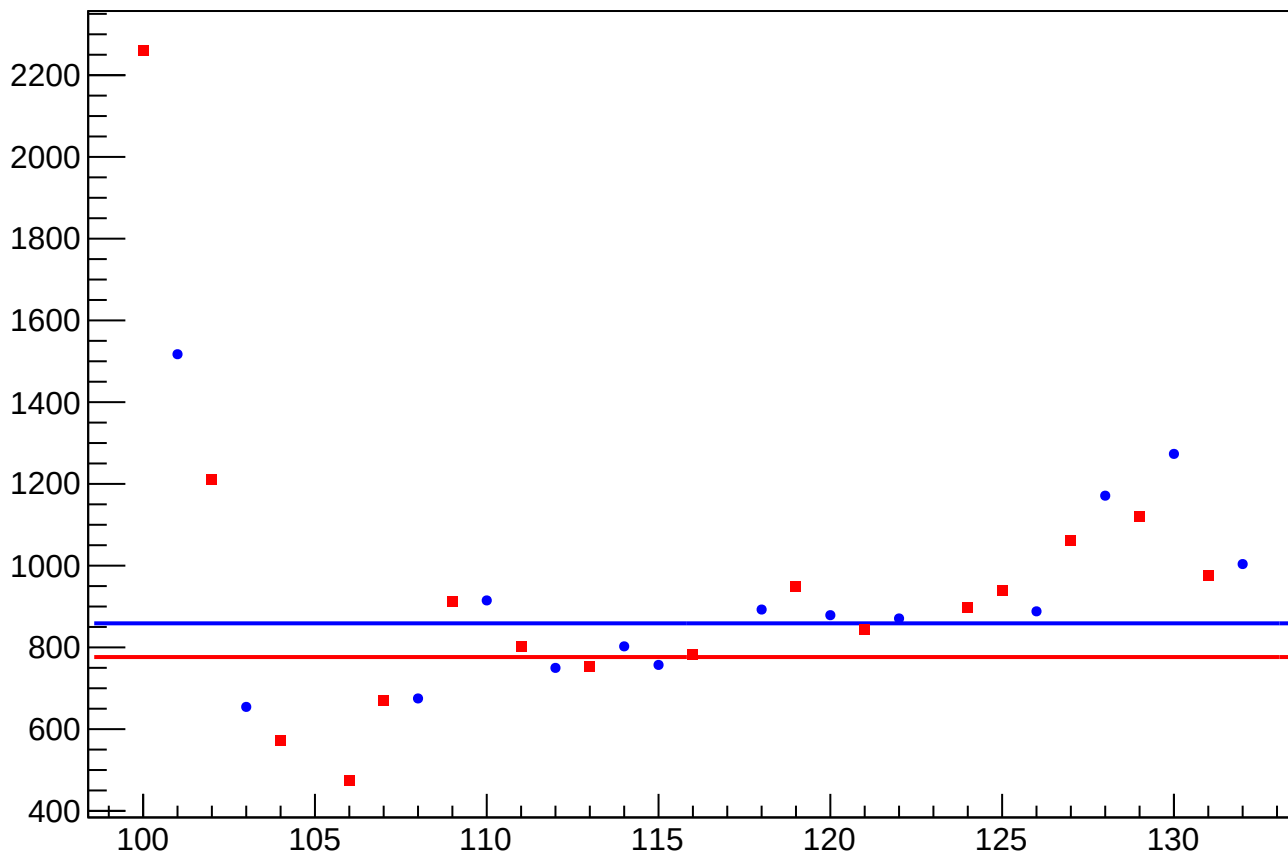
Right: -296.983+/-243.361 χ^2/NDF : 30.4/29

In: -204.434+/-364.534 χ^2/NDF : 13.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -296.983+/-243.361 χ^2/NDF : 30.4/29

asym_usr_atr1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 858.870+/-0.258 χ^2/NDF : 645606.6/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 776.388+/-0.231 χ^2/NDF : 845194.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

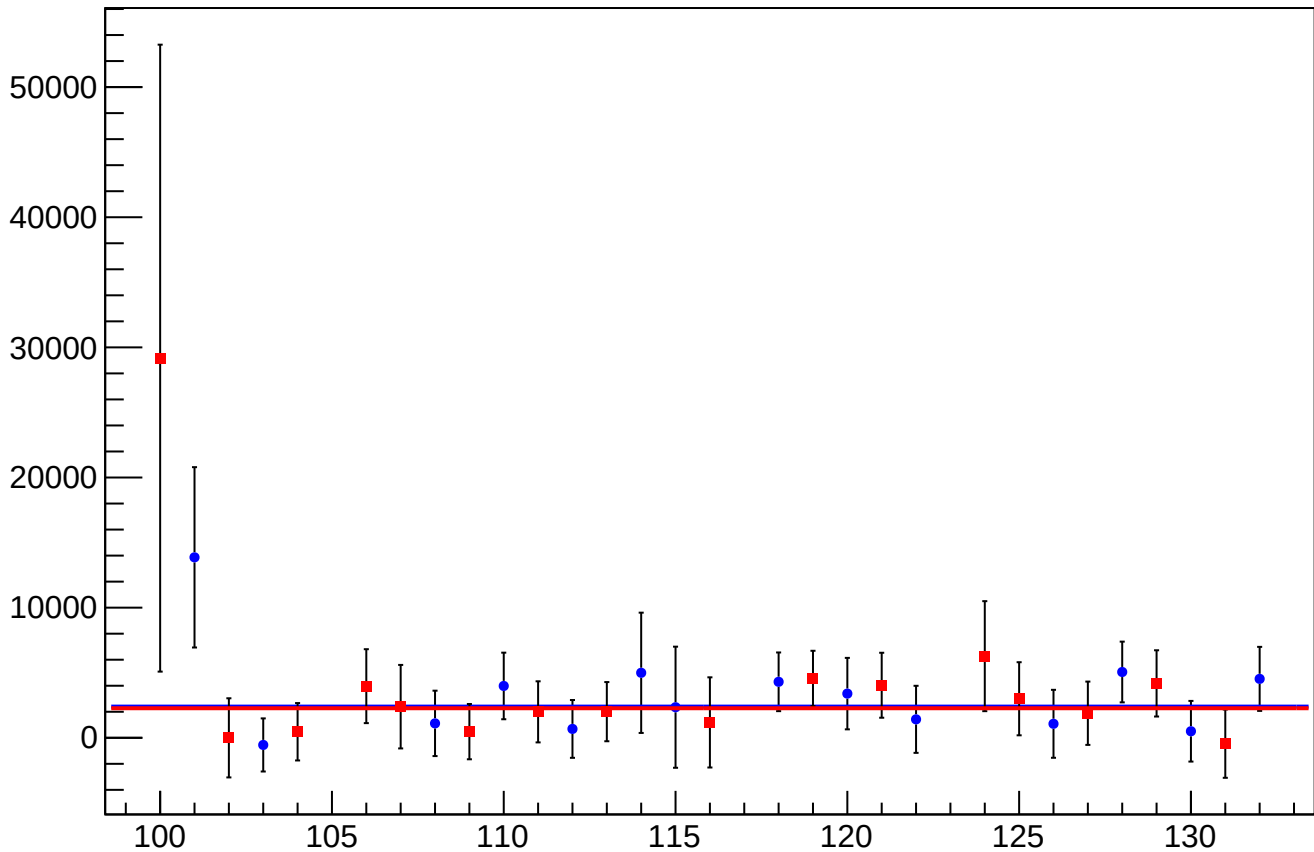
Right: 813.149+/-0.172 χ^2/NDF : 1547559.0/29

In: 858.870+/-0.258 χ^2/NDF :645606.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 813.149+/-0.172 χ^2/NDF : 1547559.0/29

cor_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2396.415+/-702.226 χ^2/NDF : 10.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2271.247+/-666.702 χ^2/NDF : 8.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

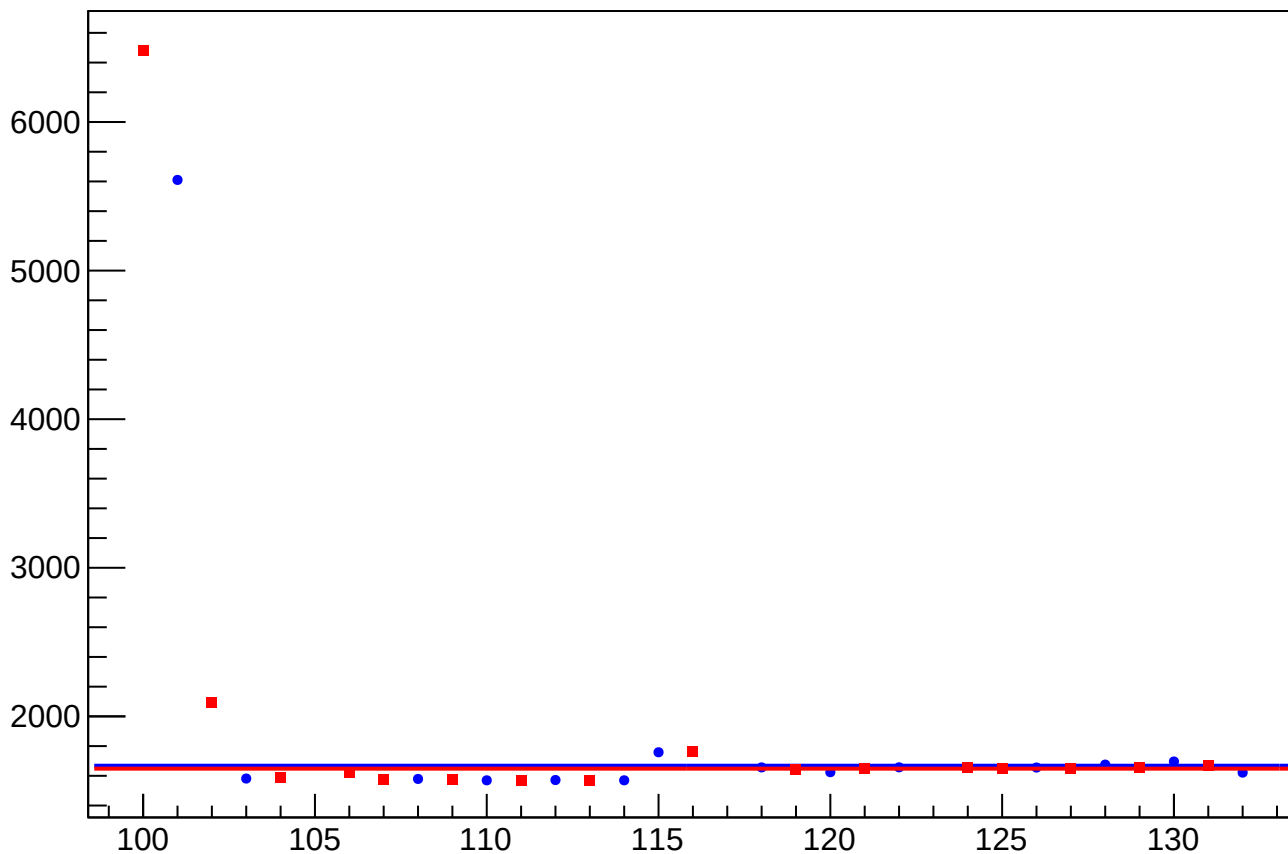
Right: 2330.585+/-483.500 χ^2/NDF : 18.3/29

In: 2396.415+/-702.226 χ^2/NDF : 10.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2330.585+/-483.500 χ^2/NDF : 18.3/29

cor_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1667.884+/-0.497 χ^2/NDF : 663583.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1648.137+/-0.471 χ^2/NDF : 135983.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

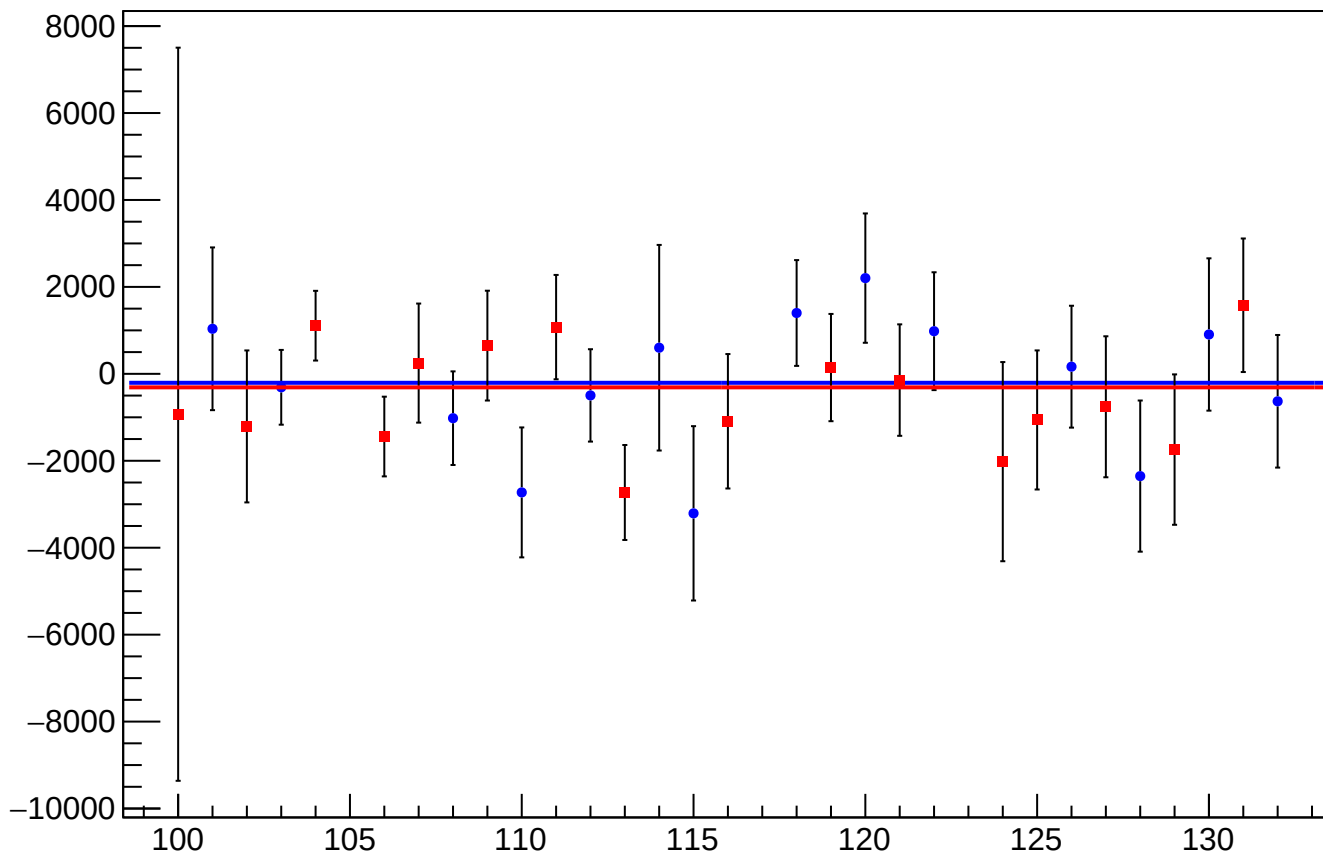
Right: 1657.498+/-0.342 χ^2/NDF : 800398.1/29

In: 1667.884+/-0.497 χ^2/NDF : 663583.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1657.498+/-0.342 χ^2/NDF : 800398.1/29

asym_usr_atr1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -205.988+/-364.480 χ^2/NDF : 13.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -310.960+/-330.031 χ^2/NDF : 15.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

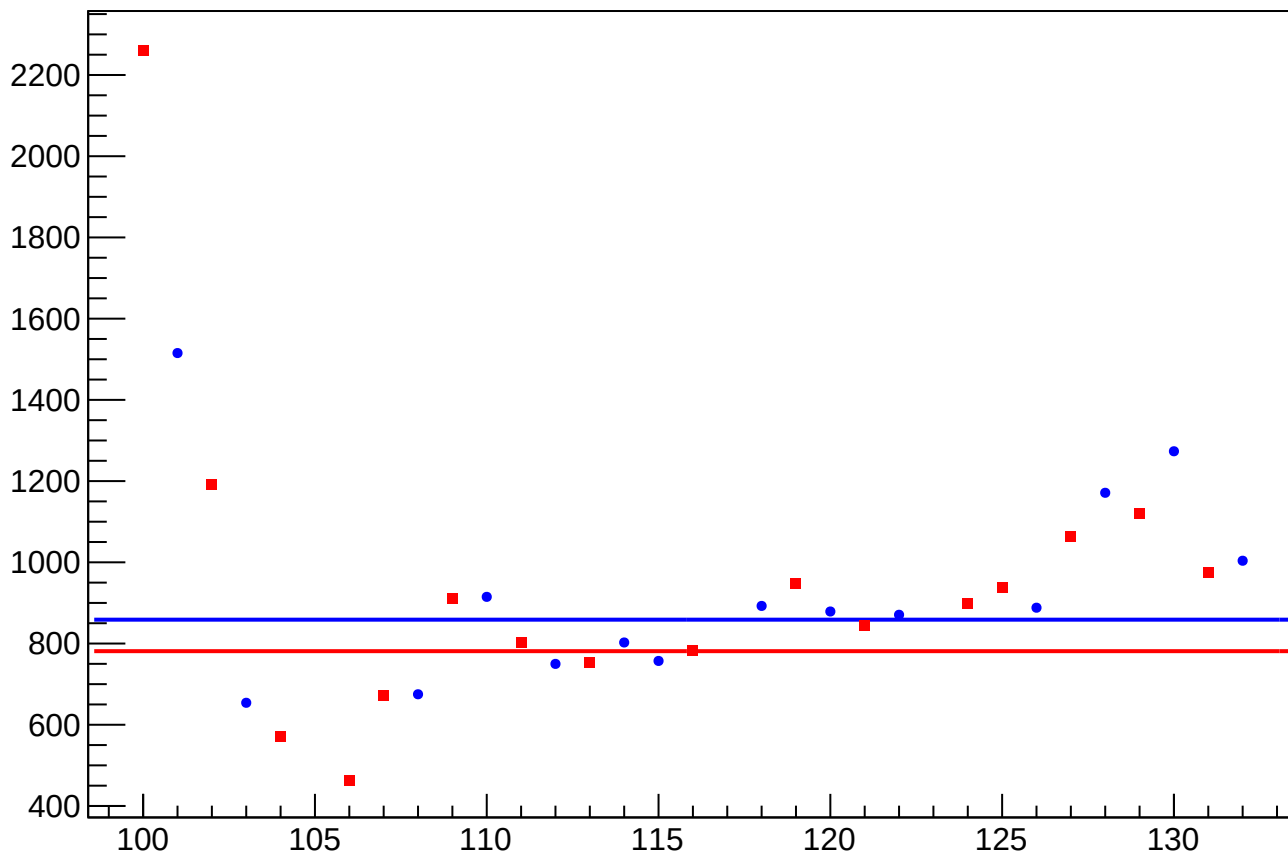
Right: -263.668+/-244.642 χ^2/NDF : 28.9/29

In: -205.988+/-364.480 χ^2/NDF : 13.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -263.668+/-244.642 χ^2/NDF : 28.9/29

asym_usr_atr1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 858.768 $\pm$ 0.258 χ^2 /NDF: 645271.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 781.218 $\pm$ 0.233 χ^2 /NDF: 820540.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

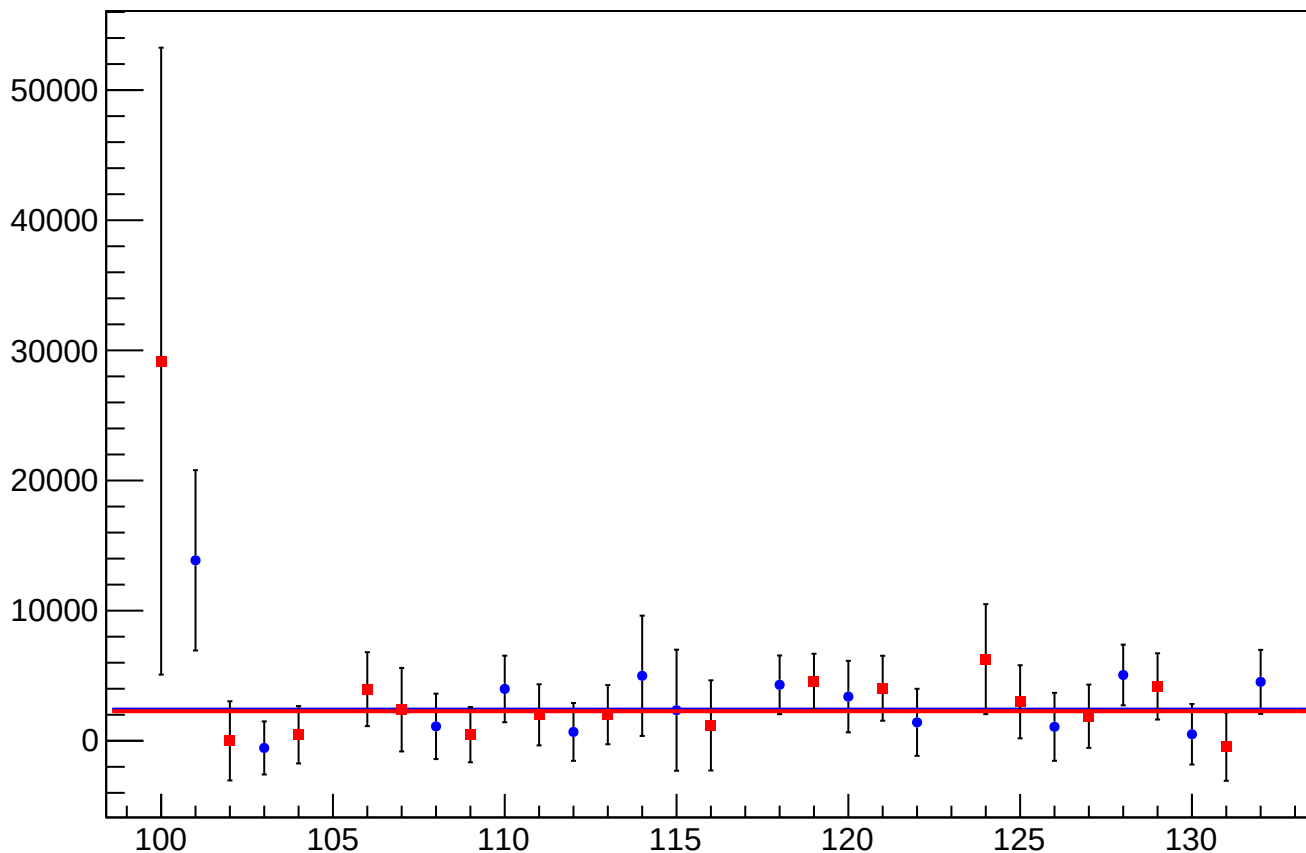
Right: 816.156 $\pm$ 0.173 χ^2 /NDF: 1515562.4/29

In: 858.768 $\pm$ 0.258 χ^2 /NDF:645271.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 816.156 $\pm$ 0.173 χ^2 /NDF: 1515562.4/29

eigen_cor_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2396.415+/-702.226 χ^2/NDF : 10.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2271.247+/-666.702 χ^2/NDF : 8.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

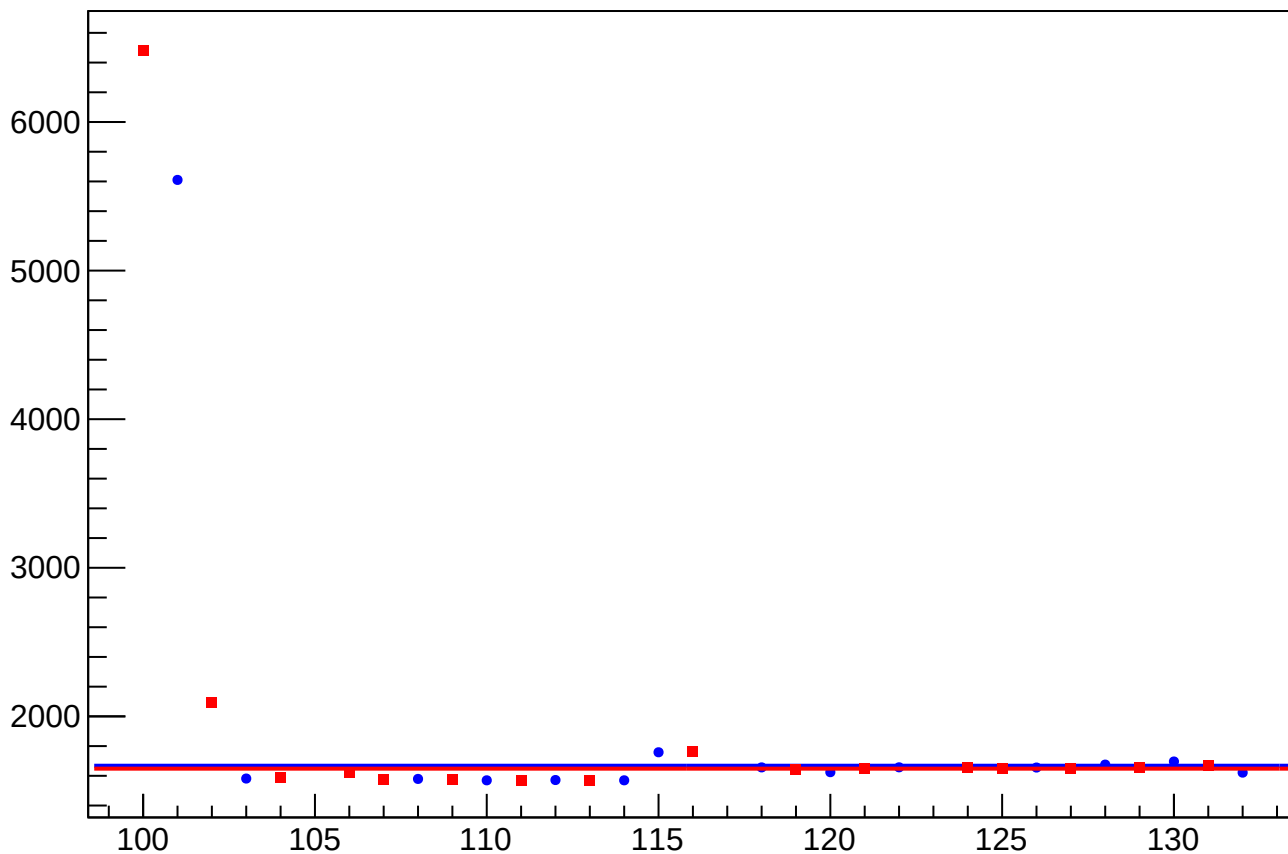
Right: 2330.585+/-483.500 χ^2/NDF : 18.3/29

In: 2396.415+/-702.226 χ^2/NDF : 10.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2330.585+/-483.500 χ^2/NDF : 18.3/29

eigen_cor_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1667.884+/-0.497 χ^2/NDF : 663583.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1648.137+/-0.471 χ^2/NDF : 135983.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

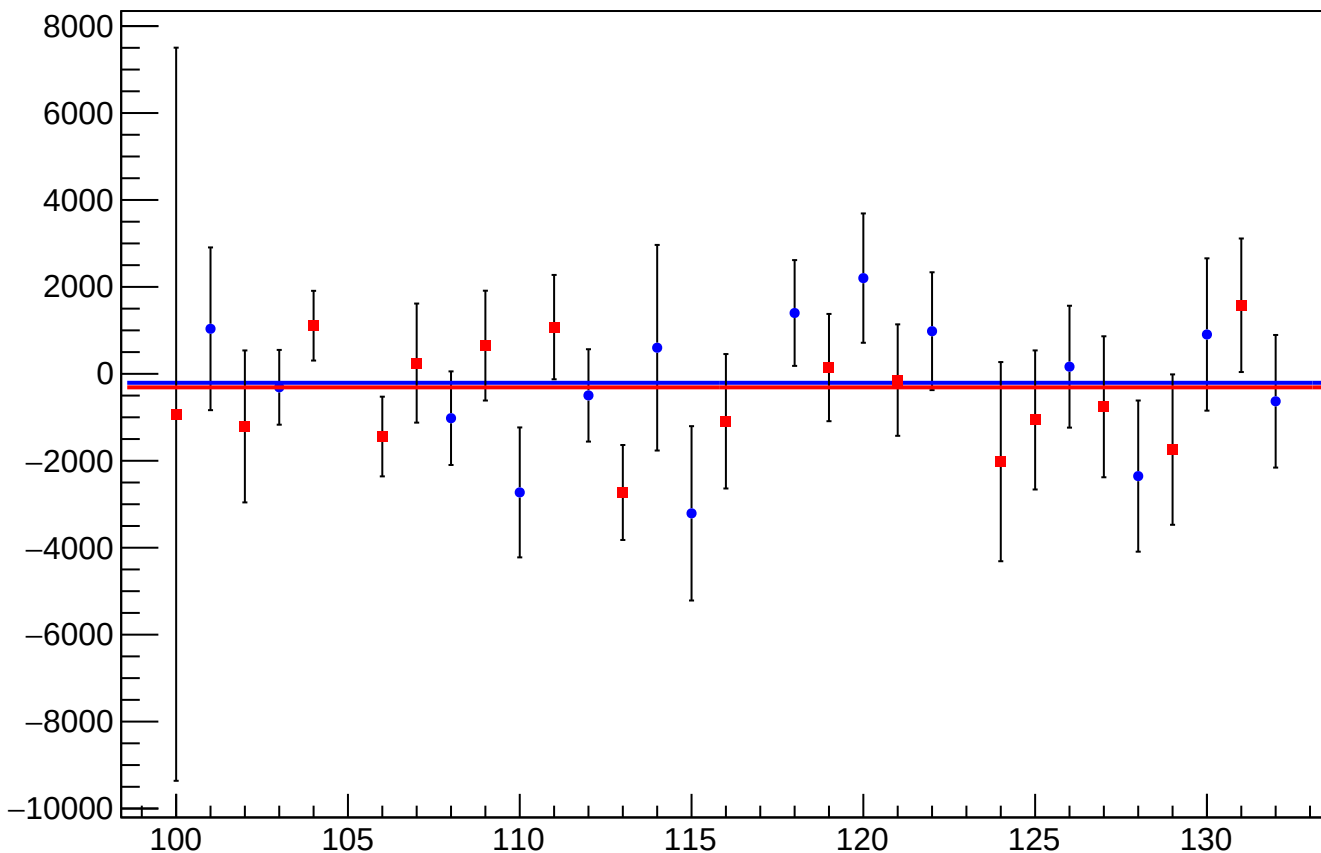
Right: 1657.498+/-0.342 χ^2/NDF : 800398.1/29

In: 1667.884+/-0.497 χ^2/NDF : 663583.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1657.498+/-0.342 χ^2/NDF : 800398.1/29

asym_usr_atr1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -205.988+/-364.480 χ^2/NDF : 13.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -310.960+/-330.031 χ^2/NDF : 15.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

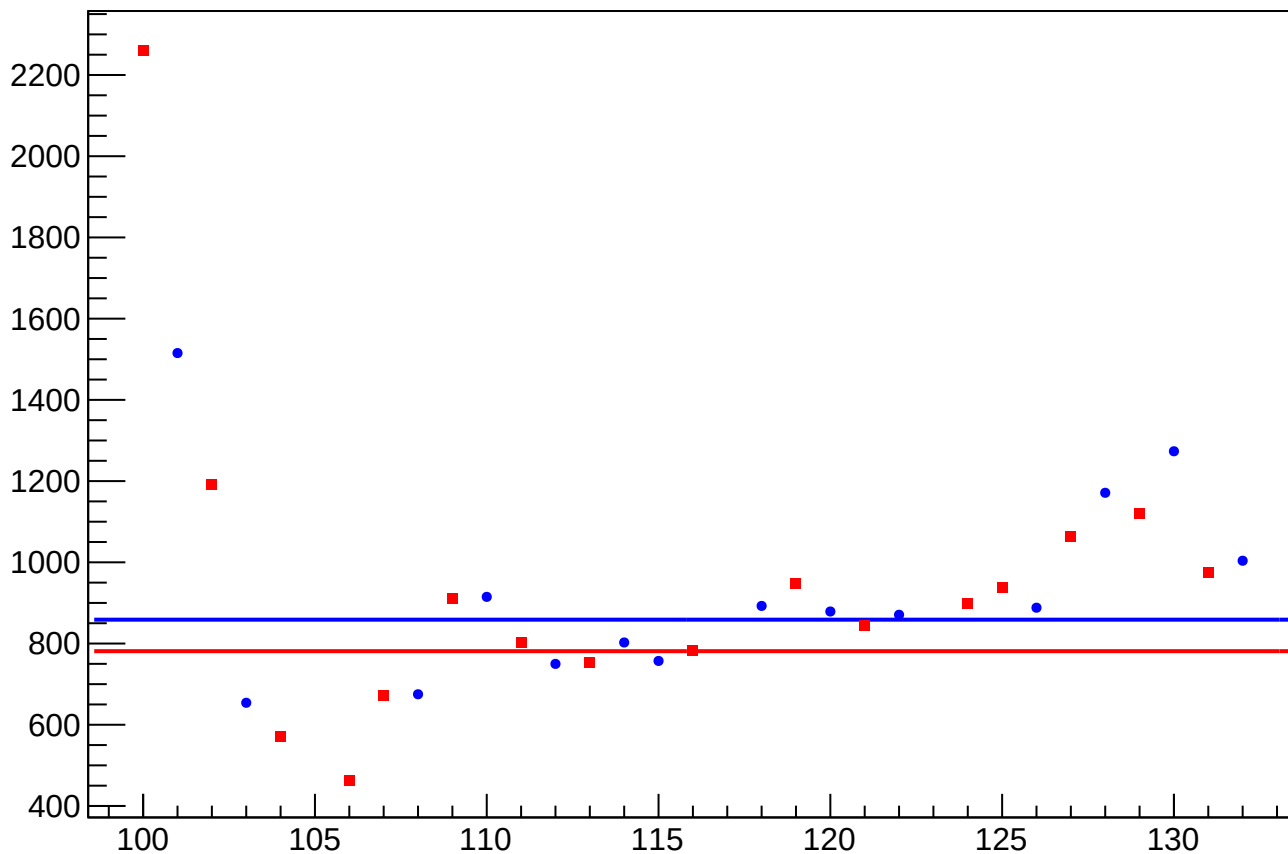
Right: -263.668+/-244.642 χ^2/NDF : 28.9/29

In: -205.988+/-364.480 χ^2/NDF : 13.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -263.668+/-244.642 χ^2/NDF : 28.9/29

asym_usr_atr1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 858.768+/-0.258 χ^2/NDF : 645271.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 781.218+/-0.233 χ^2/NDF : 820540.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

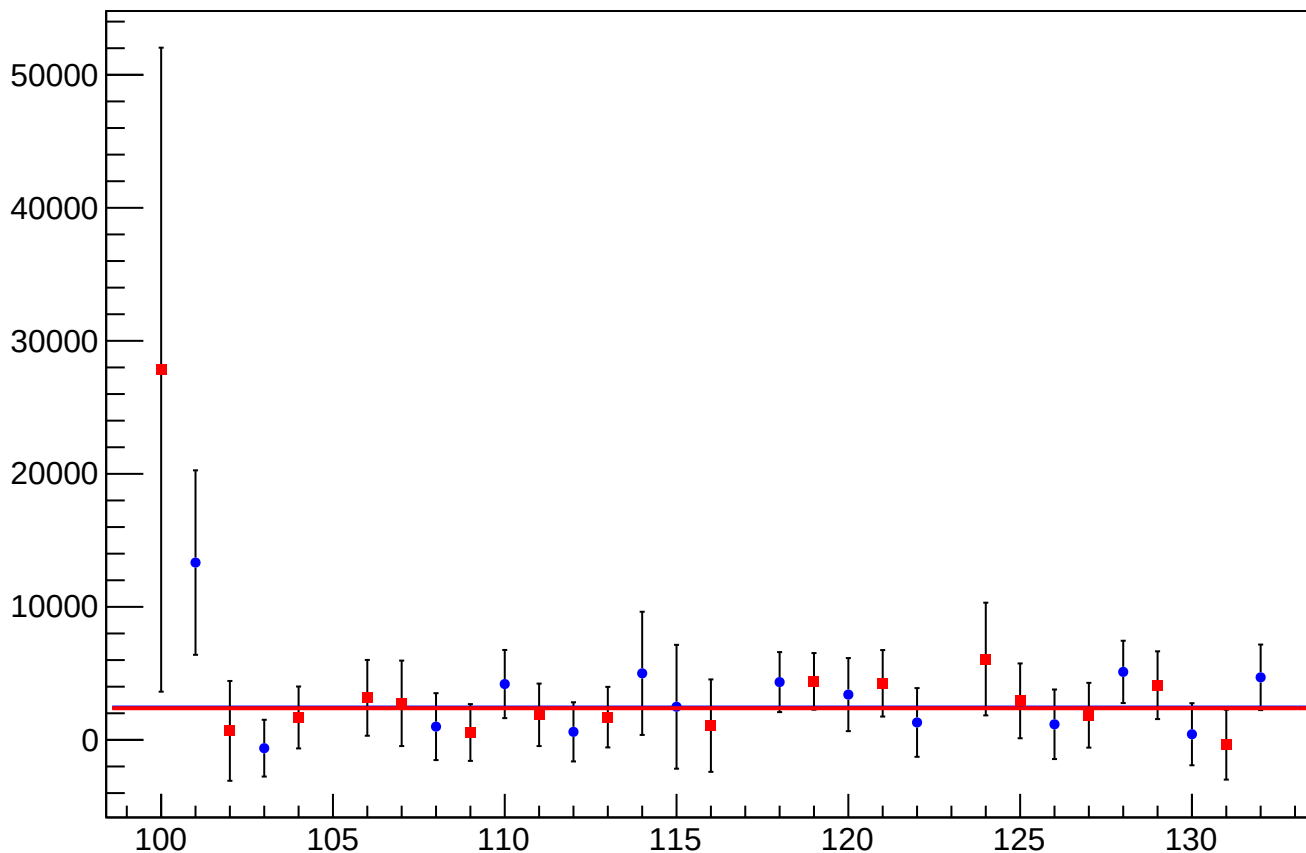
Right: 816.156+/-0.173 χ^2/NDF : 1515562.4/29

In: 858.768+/-0.258 χ^2/NDF : 645271.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 816.156+/-0.173 χ^2/NDF : 1515562.4/29

dit_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2430.245+/-706.858 χ^2/NDF : 10.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2380.042+/-676.578 χ^2/NDF : 6.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

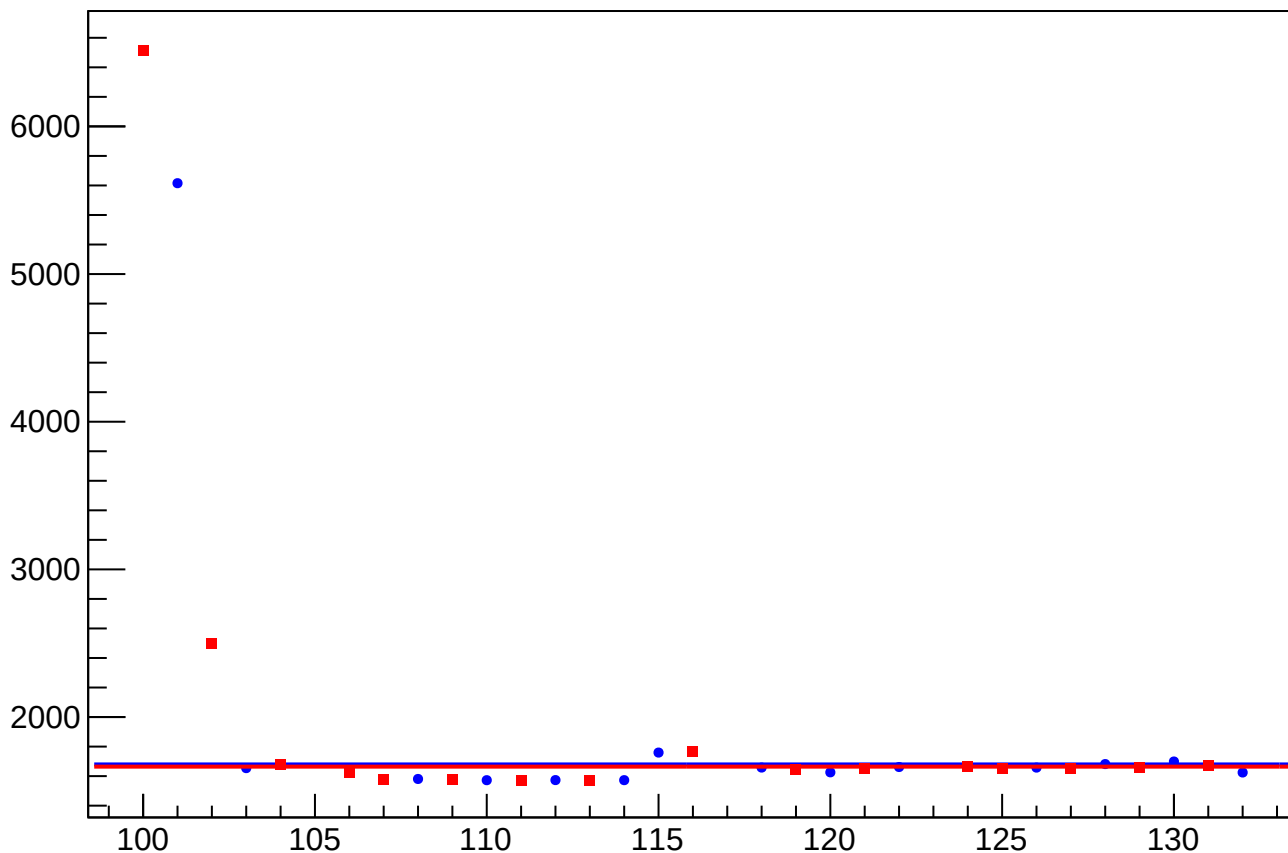
Right: 2404.045+/-488.767 χ^2/NDF : 16.8/29

In: 2430.245+/-706.858 χ^2/NDF : 10.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2404.045+/-488.767 χ^2/NDF : 16.8/29

dit_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1679.150+/-0.500 χ^2/NDF : 659577.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1664.235+/-0.478 χ^2/NDF : 192382.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

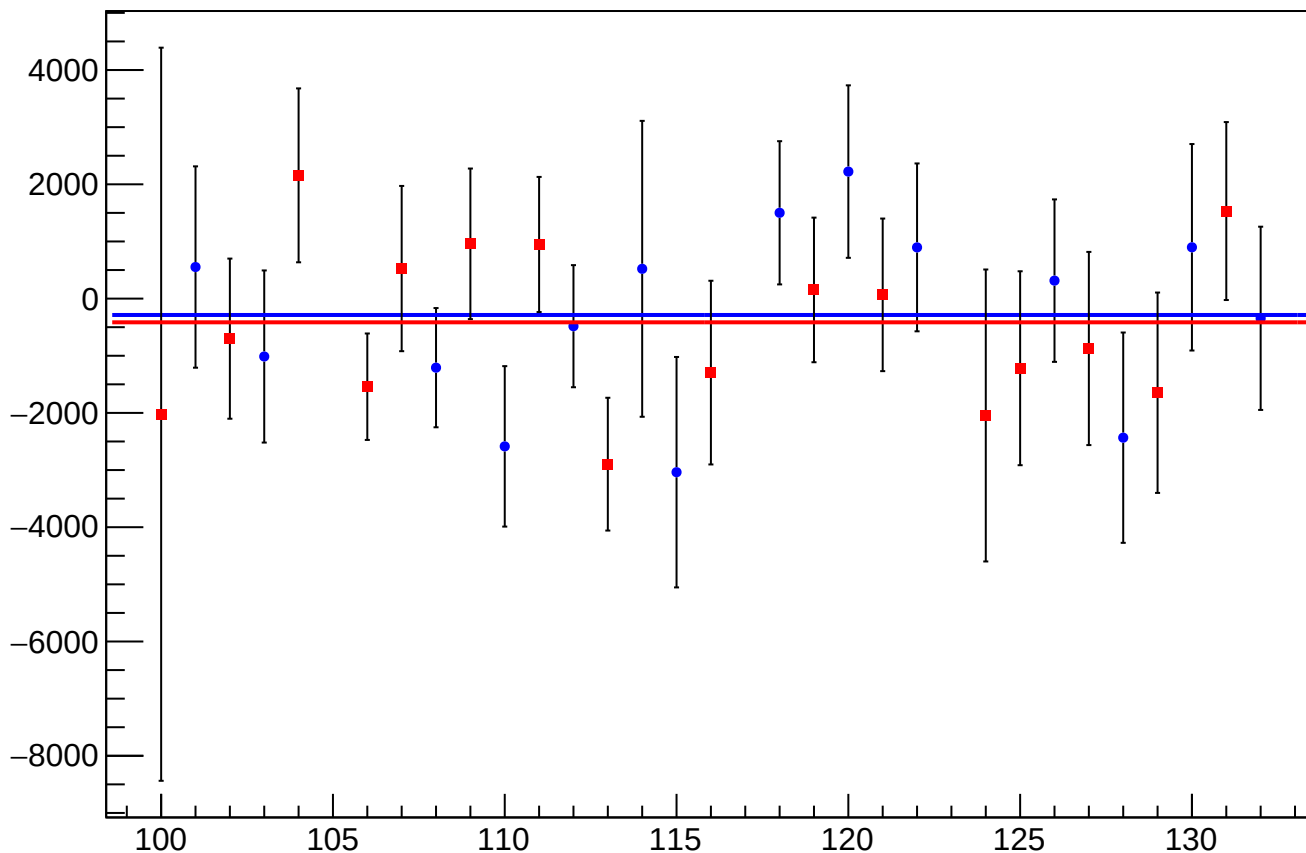
Right: 1671.366+/-0.346 χ^2/NDF : 852424.3/29

In: 1679.150+/-0.500 χ^2/NDF : 659577.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1671.366+/-0.346 χ^2/NDF : 852424.3/29

asym_usr_atr1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -286.368+/-392.650 χ^2/NDF : 13.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -414.884+/-358.263 χ^2/NDF : 15.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

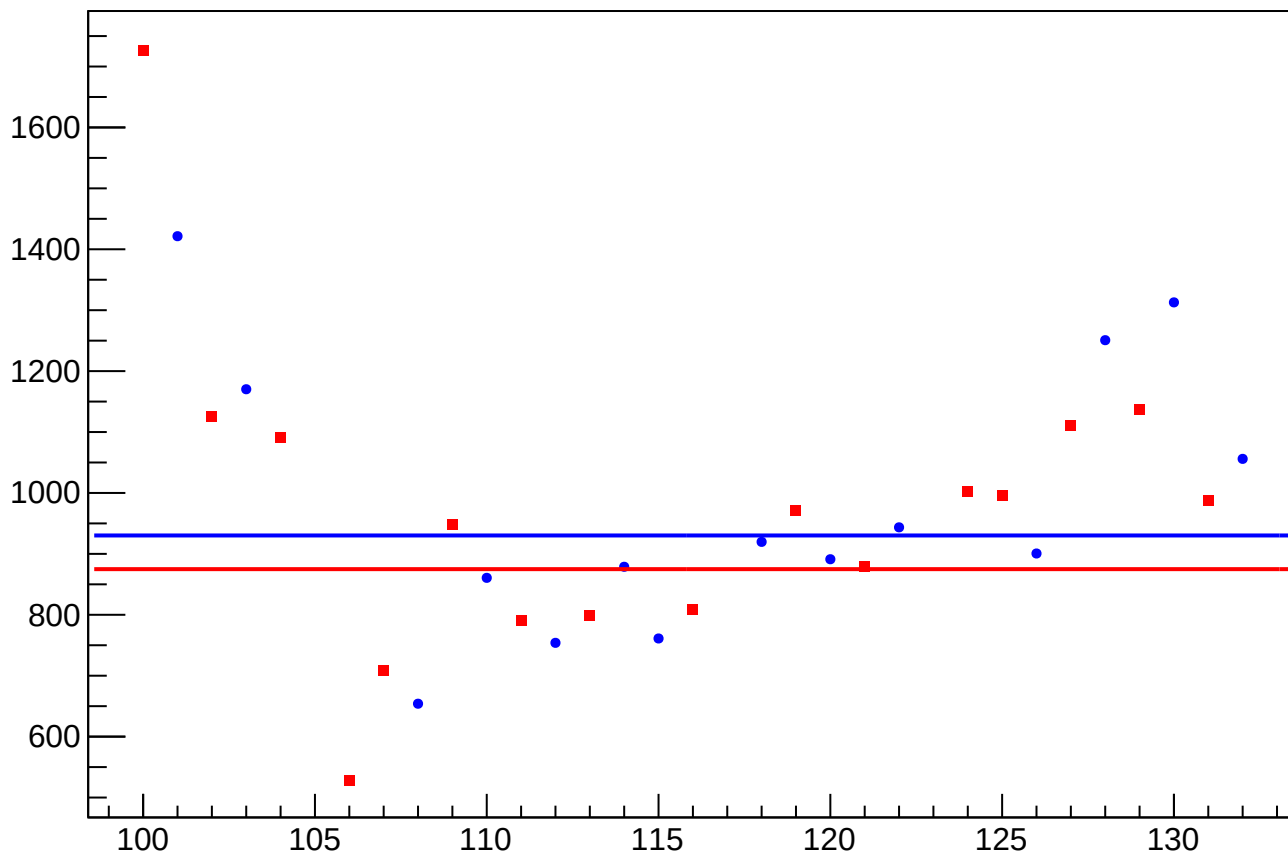
Right: -356.499+/-264.654 χ^2/NDF : 28.6/29

In: -286.368+/-392.650 χ^2/NDF : 13.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -356.499+/-264.654 χ^2/NDF : 28.6/29

asym_usr_atr1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 930.212+/-0.278 χ^2/NDF : 585987.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 874.931+/-0.253 χ^2/NDF : 592365.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

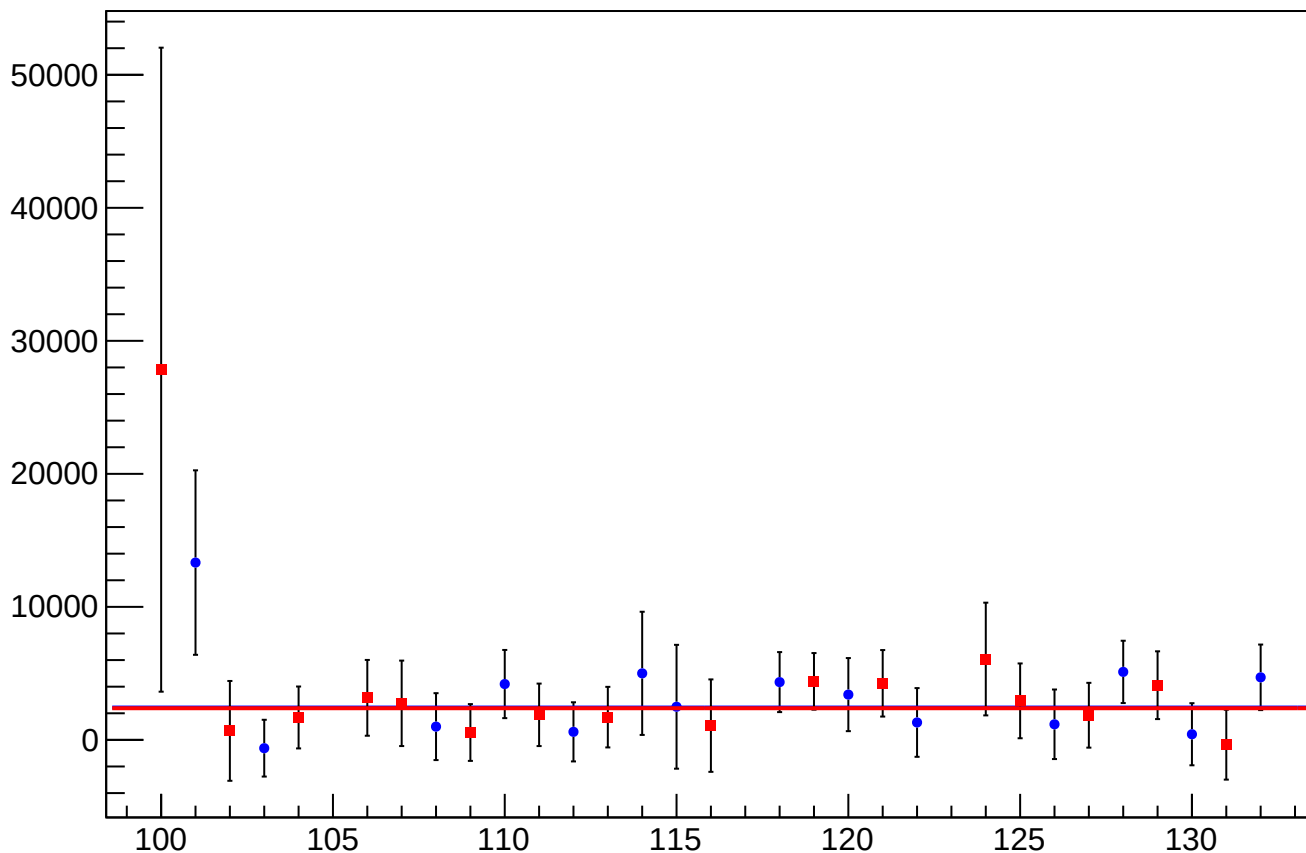
Right: 900.045+/-0.187 χ^2/NDF : 1199985.0/29

In: 930.212+/-0.278 χ^2/NDF : 585987.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 900.045+/-0.187 χ^2/NDF : 1199985.0/29

eigen_dit_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2430.247+/-706.858 χ^2/NDF : 10.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2380.043+/-676.578 χ^2/NDF : 6.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

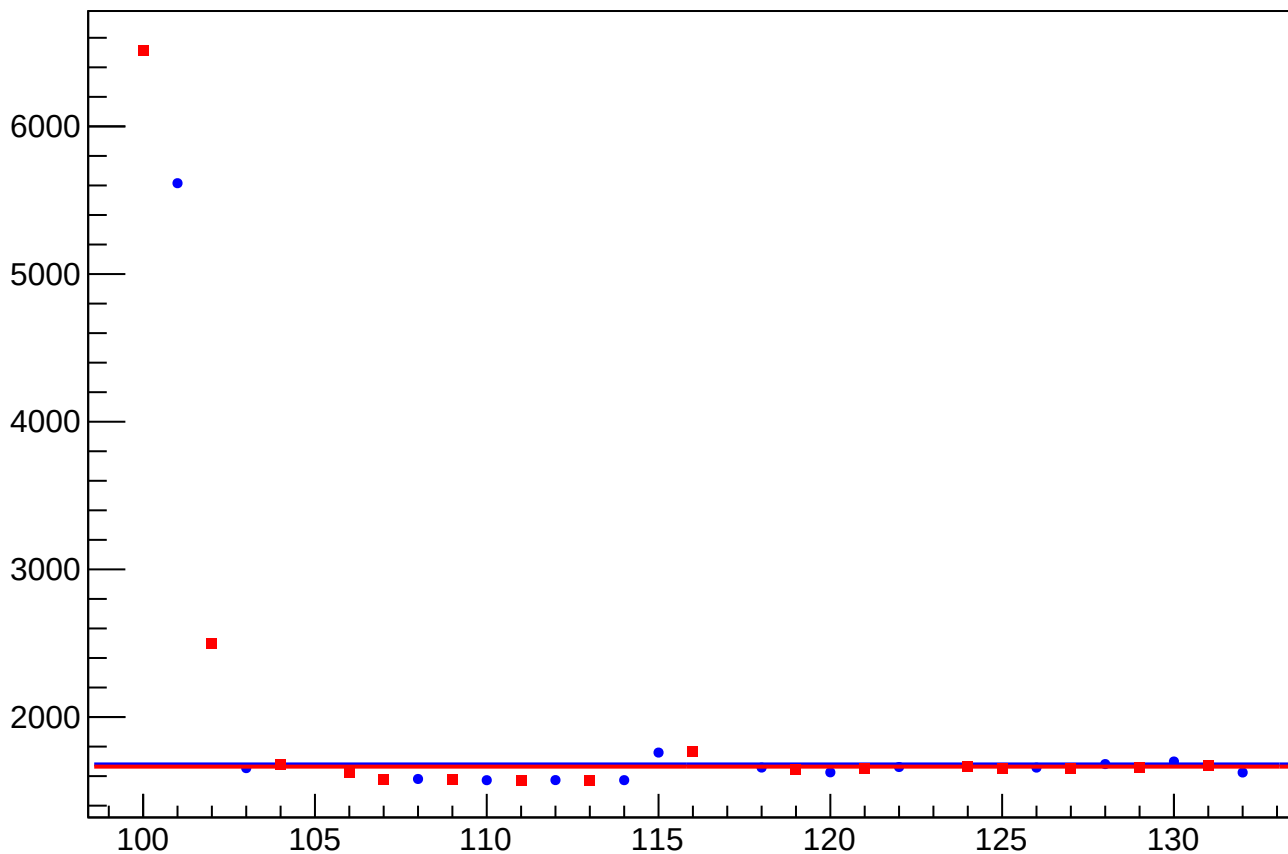
Right: 2404.047+/-488.767 χ^2/NDF : 16.8/29

In: 2430.247+/-706.858 χ^2/NDF : 10.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2404.047+/-488.767 χ^2/NDF : 16.8/29

eigen_dit_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1679.150+/-0.500 χ^2/NDF : 659577.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1664.235+/-0.478 χ^2/NDF : 192382.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

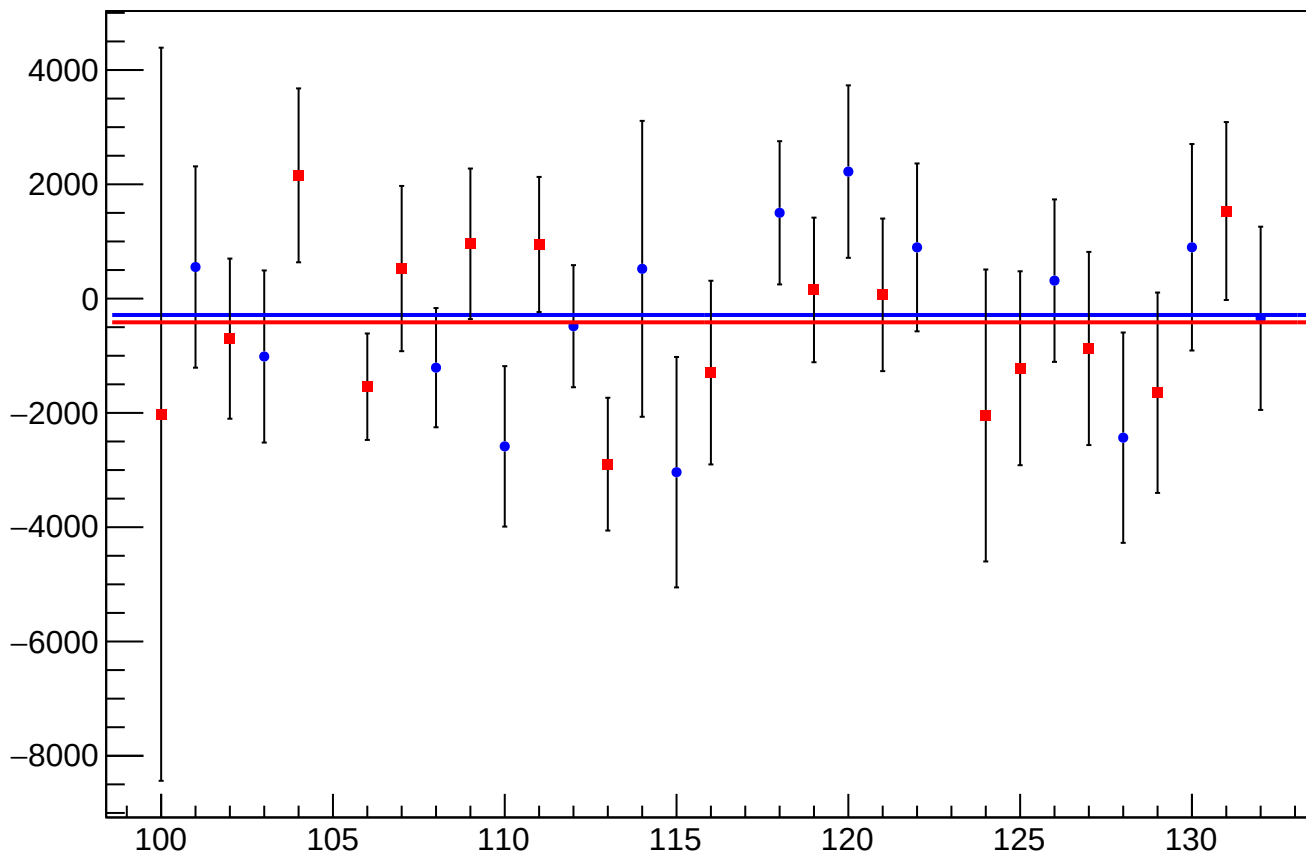
Right: 1671.366+/-0.346 χ^2/NDF : 852424.2/29

In: 1679.150+/-0.500 χ^2/NDF : 659577.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1671.366+/-0.346 χ^2/NDF : 852424.2/29

asym_usr_atr1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -286.366+/-392.648 χ^2/NDF : 13.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -414.882+/-358.261 χ^2/NDF : 15.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

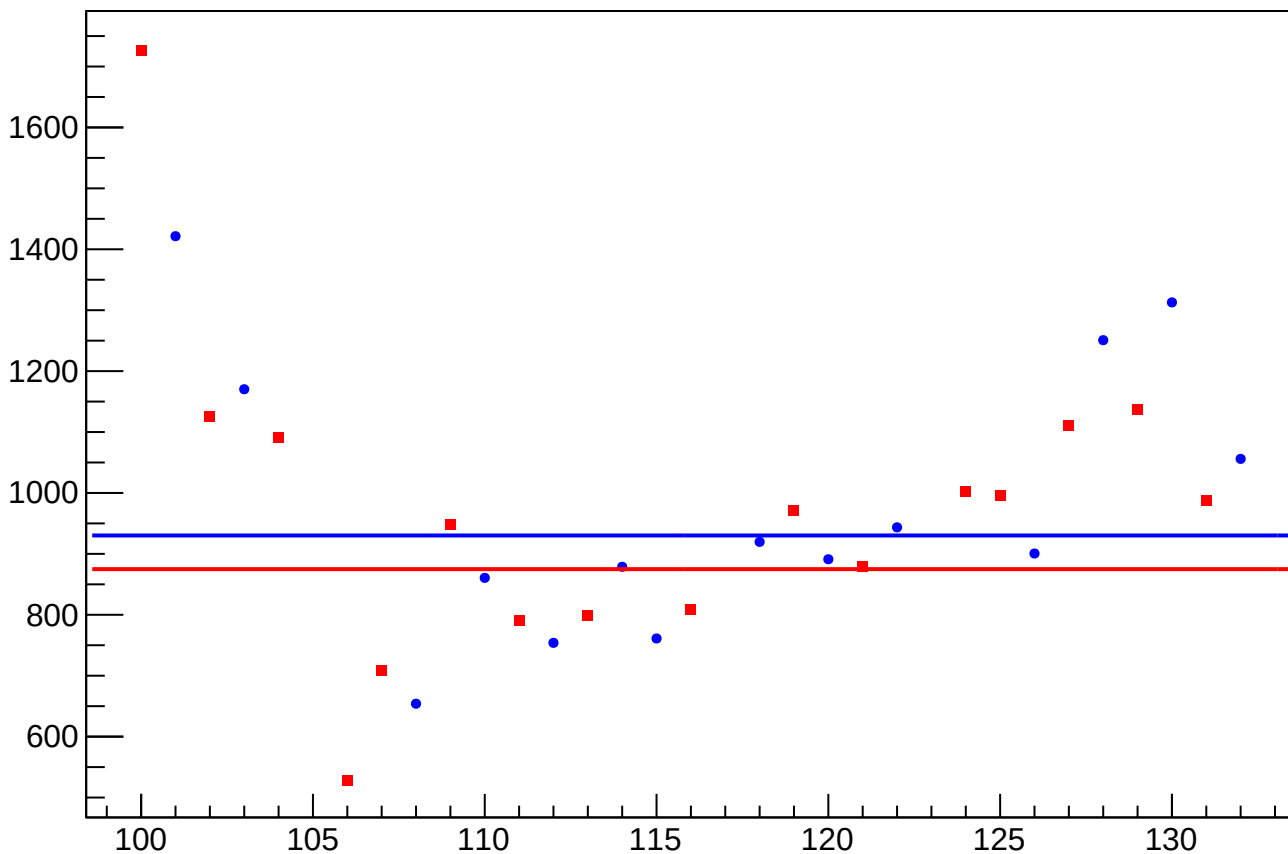
Right: -356.497+/-264.653 χ^2/NDF : 28.6/29

In: -286.366+/-392.648 χ^2/NDF : 13.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -356.497+/-264.653 χ^2/NDF : 28.6/29

asym_usr_atr1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 930.207+/-0.278 χ^2/NDF : 585990.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 874.929+/-0.253 χ^2/NDF : 592359.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

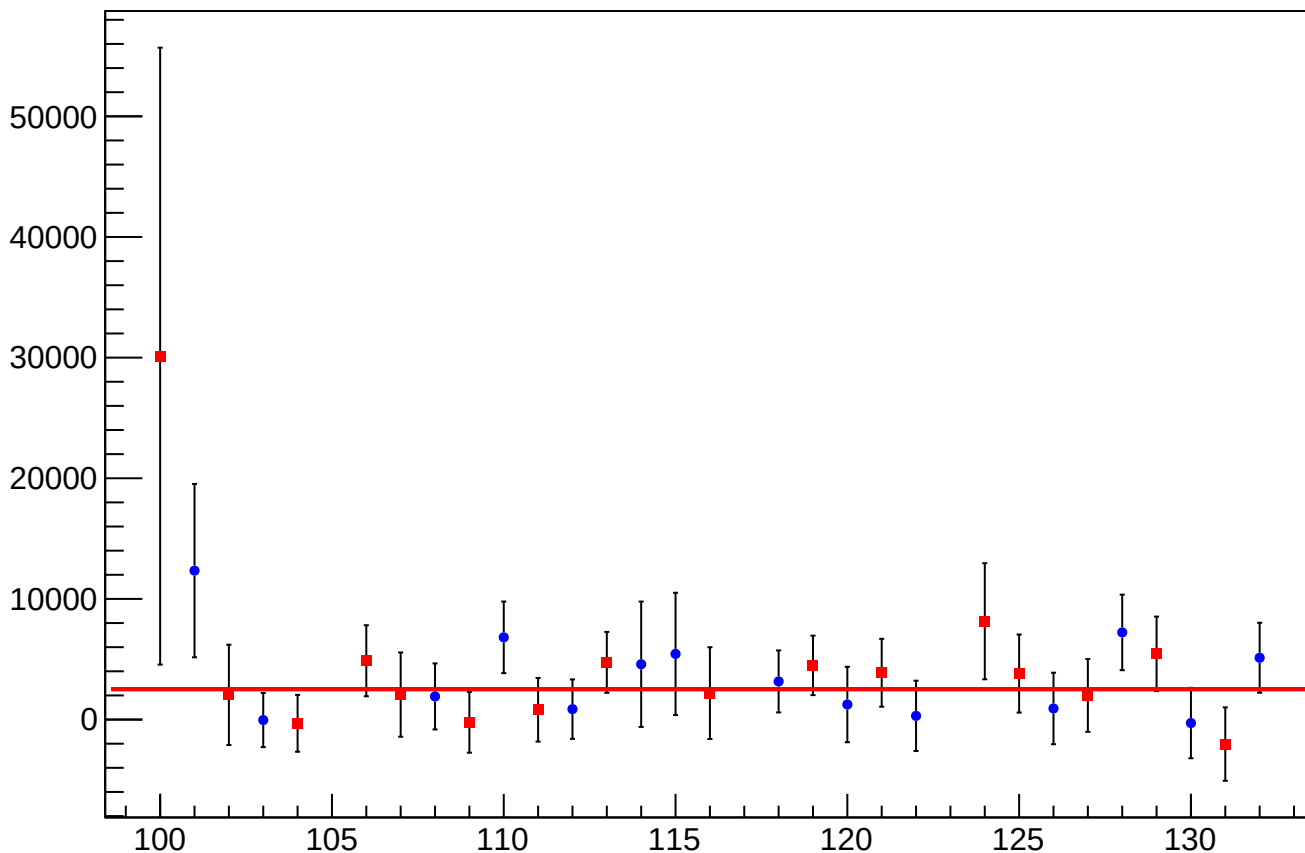
Right: 900.042+/-0.187 χ^2/NDF : 1199981.3/29

In: 930.207+/-0.278 χ^2/NDF : 585990.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 900.042+/-0.187 χ^2/NDF : 1199981.3/29

asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2514.760+/-808.669 χ^2/NDF : 11.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2525.623+/-763.277 χ^2/NDF : 11.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

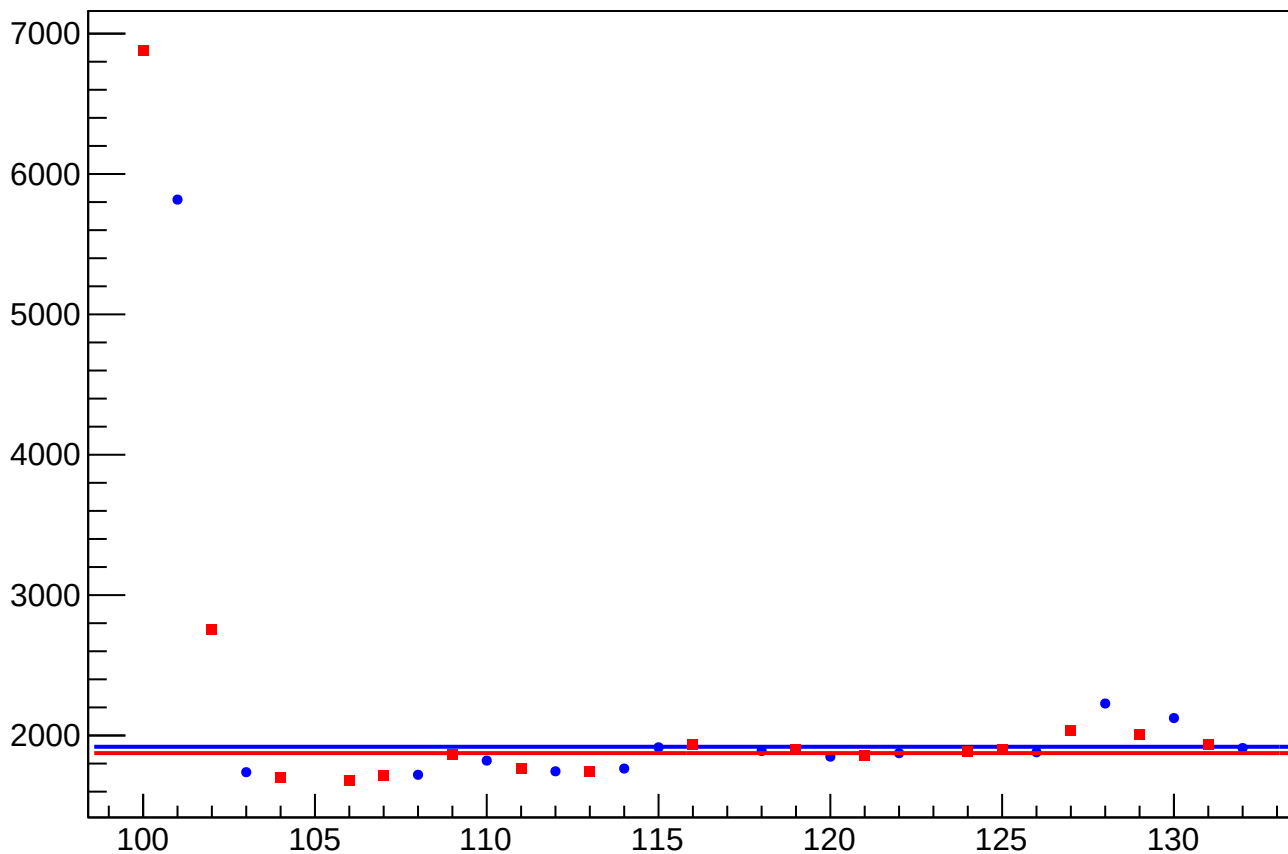
Right: 2520.505+/-555.072 χ^2/NDF : 22.6/29

In: 2514.760+/-808.669 χ^2/NDF : 11.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2520.505+/-555.072 χ^2/NDF : 22.6/29

asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1919.597+/-0.572 χ^2/NDF : 657932.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1874.353+/-0.540 χ^2/NDF : 210773.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

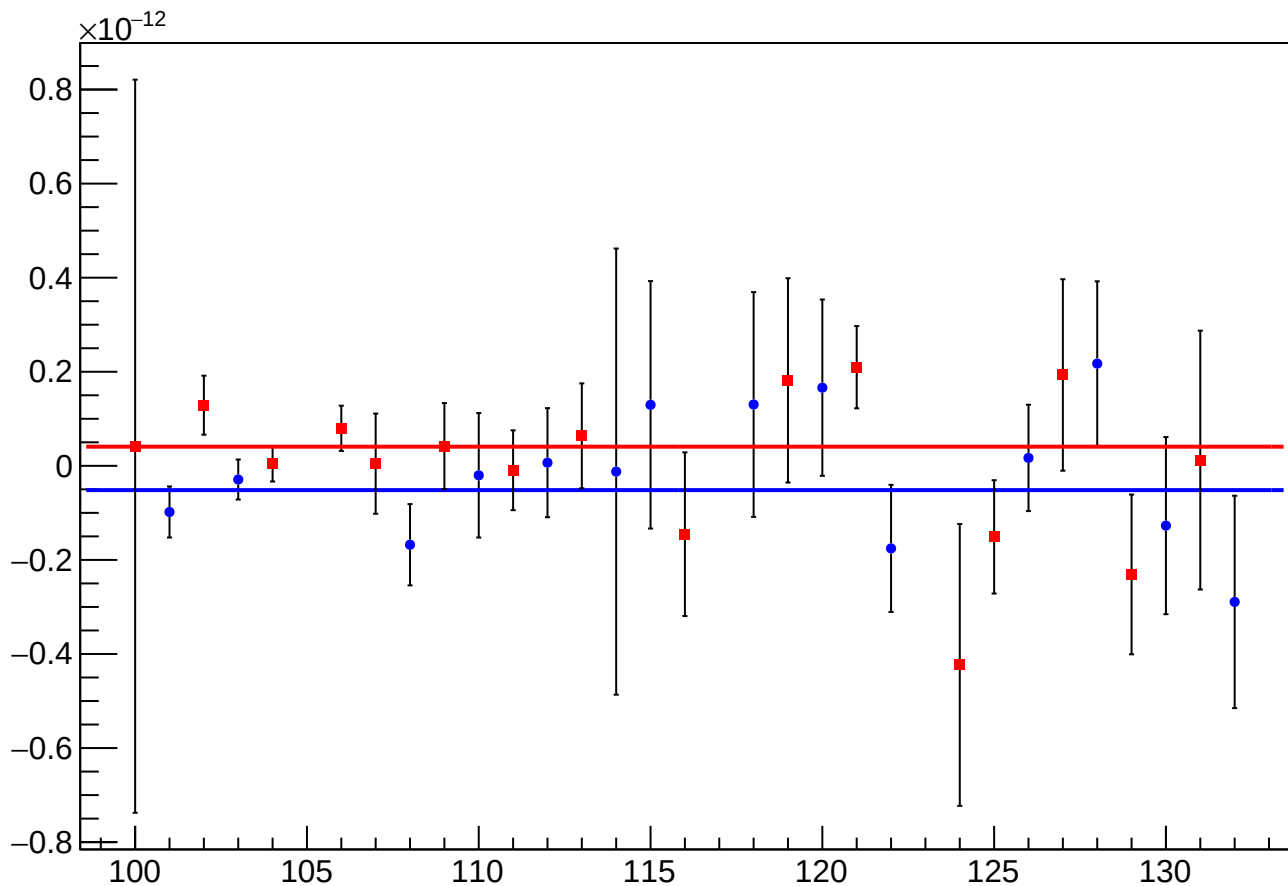
Right: 1895.670+/-0.392 χ^2/NDF : 872017.4/29

In: 1919.597+/-0.572 χ^2/NDF : 657932.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1895.670+/-0.392 χ^2/NDF : 872017.4/29

asym_usr_atr1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

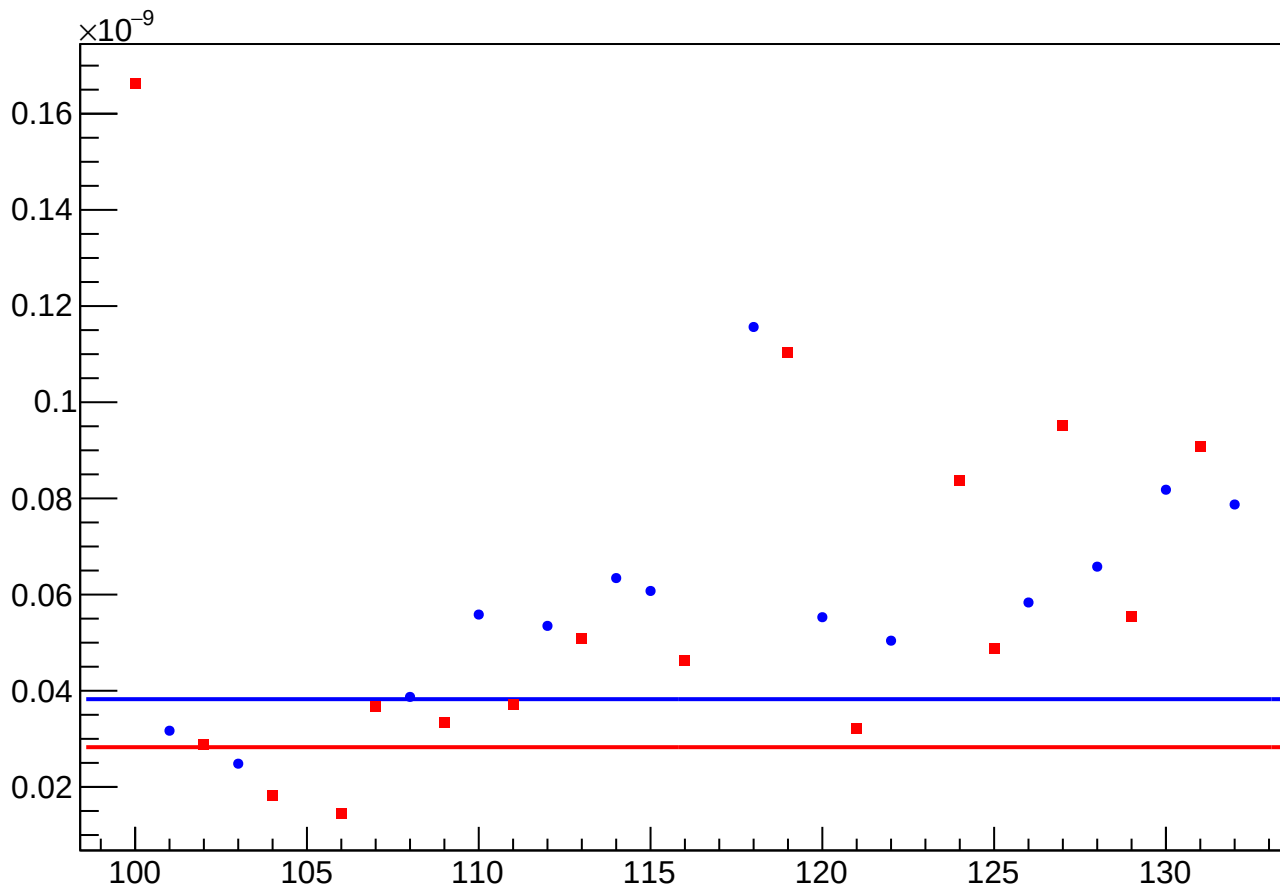
Right: 0.000+/-0.000 χ^2/NDF : 35.2/29

In: -0.000+/-0.000 χ^2/NDF : 10.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 35.2/29

asym_usr_atr1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 845289.9/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1302057.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

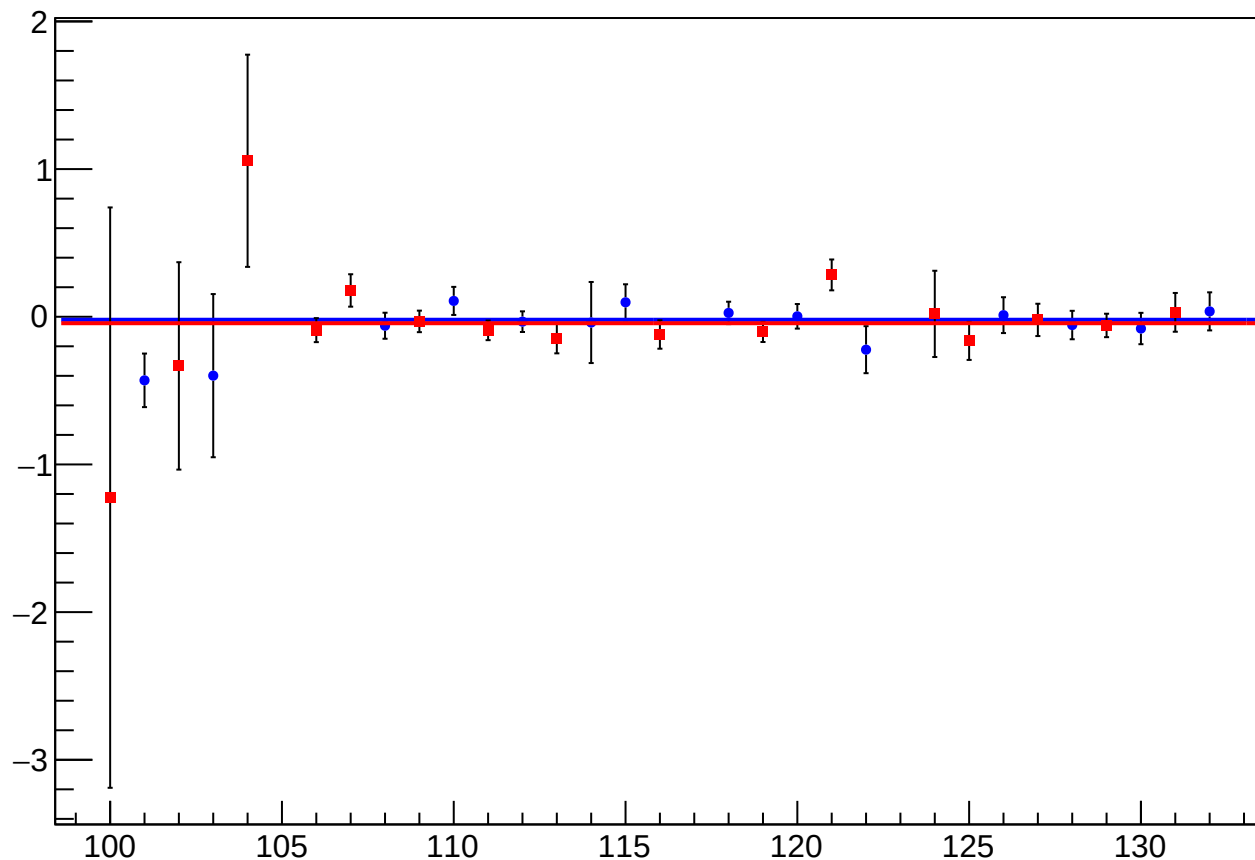
Right: 0.000+/-0.000 χ^2/NDF : 2319178.3/29

In: 0.000+/-0.000 χ^2/NDF :845289.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2319178.3/29

asym_usr_atr1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.028 χ^2/NDF : 11.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.044+/-0.025 χ^2/NDF : 21.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

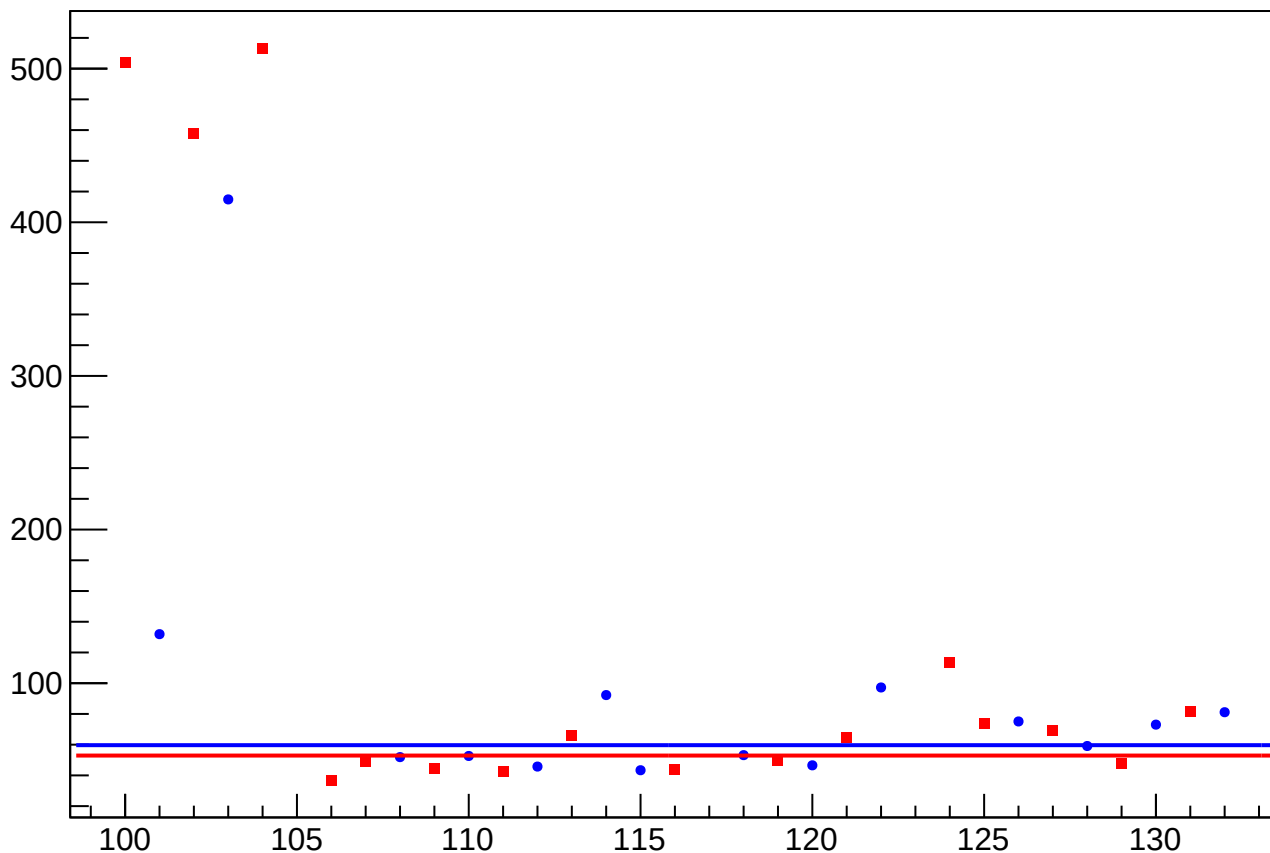
Right: -0.033+/-0.019 χ^2/NDF : 33.1/29

In: -0.020+/-0.028 χ^2/NDF : 11.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.033+/-0.019 χ^2/NDF : 33.1/29

asym_usr_atr1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.670+/-0.020 χ^2/NDF : 1609116.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.910+/-0.018 χ^2/NDF : 2120055.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

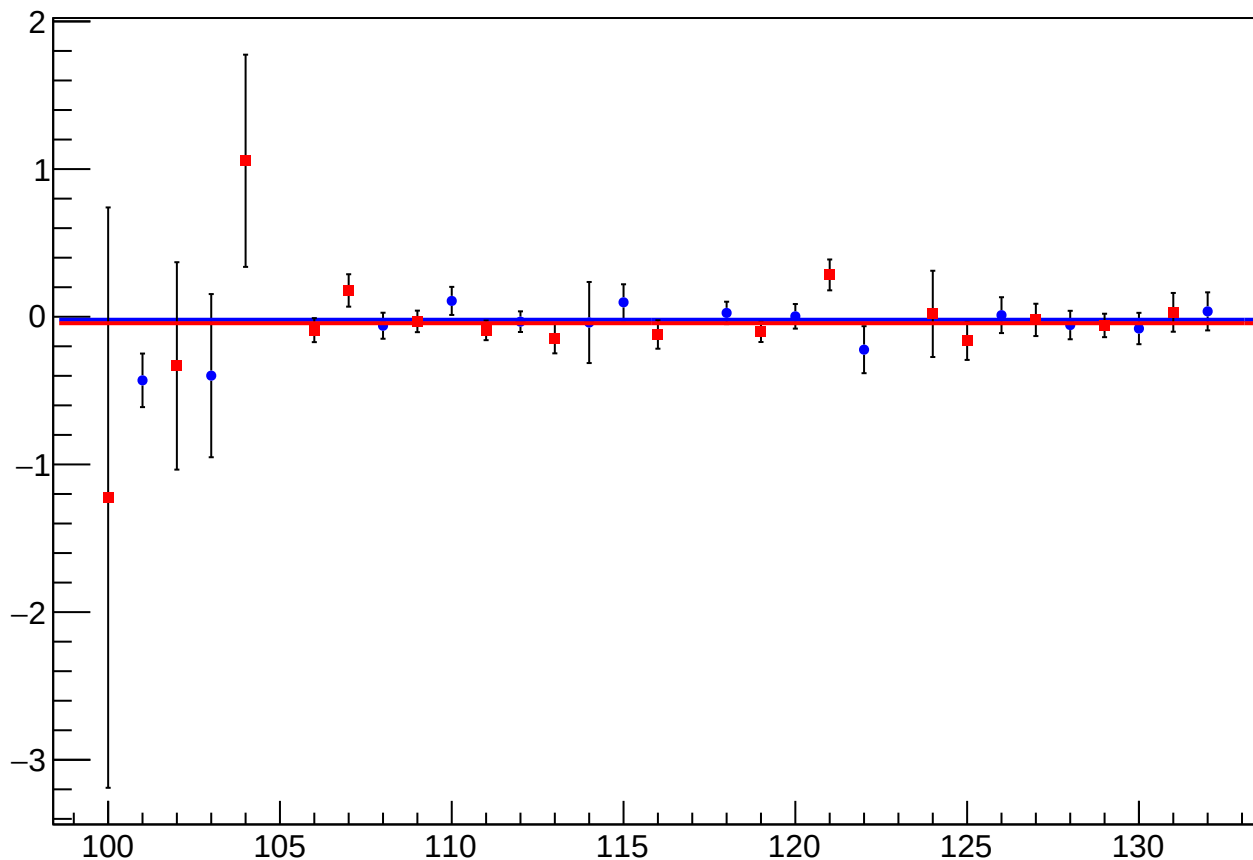
Right: 55.926+/-0.013 χ^2/NDF : 3791945.4/29

In: 59.670+/-0.020 χ^2/NDF : 1609116.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.926+/-0.013 χ^2/NDF : 3791945.4/29

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.028 χ^2/NDF : 11.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.044+/-0.025 χ^2/NDF : 21.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

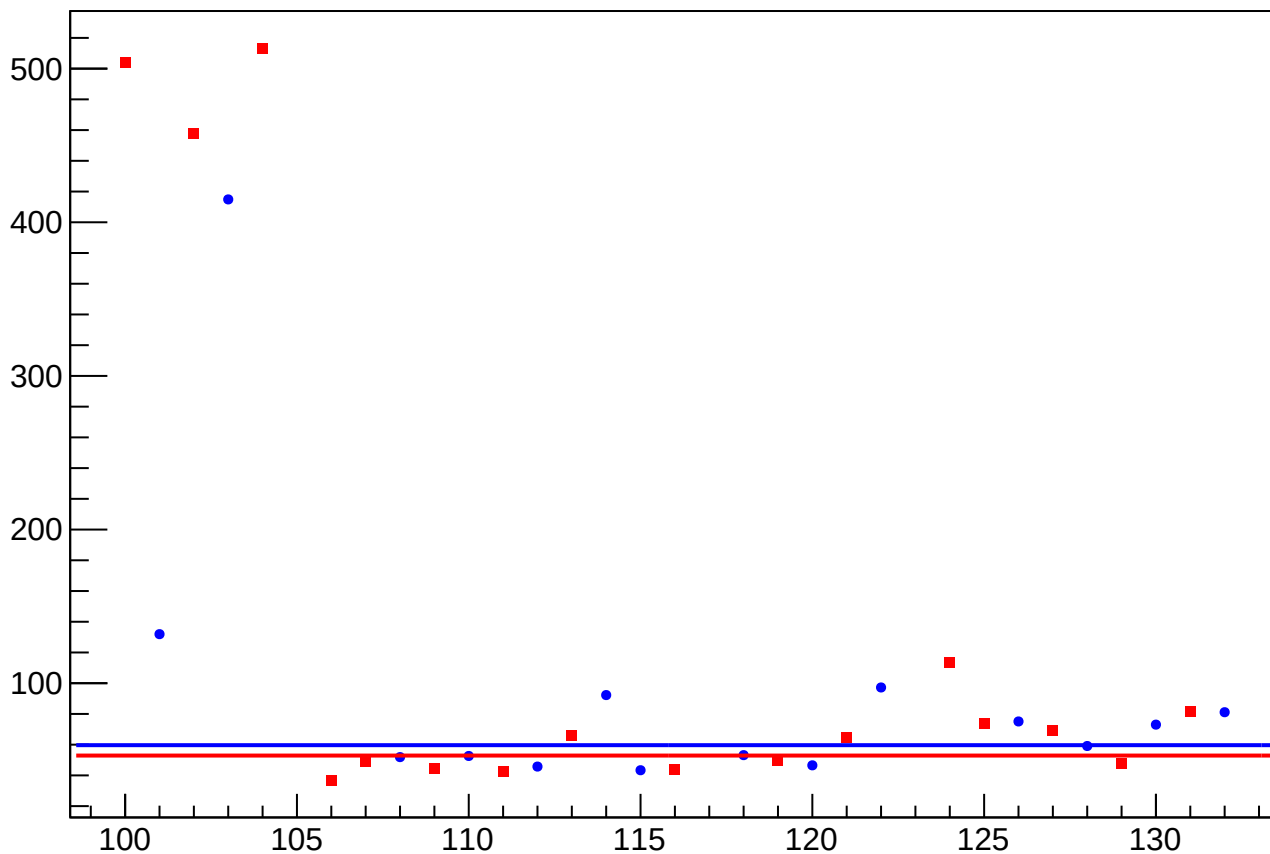
Right: -0.033+/-0.019 χ^2/NDF : 33.1/29

In: -0.020+/-0.028 χ^2/NDF : 11.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.033+/-0.019 χ^2/NDF : 33.1/29

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.670+/-0.020 χ^2/NDF : 1609116.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.910+/-0.018 χ^2/NDF : 2120055.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

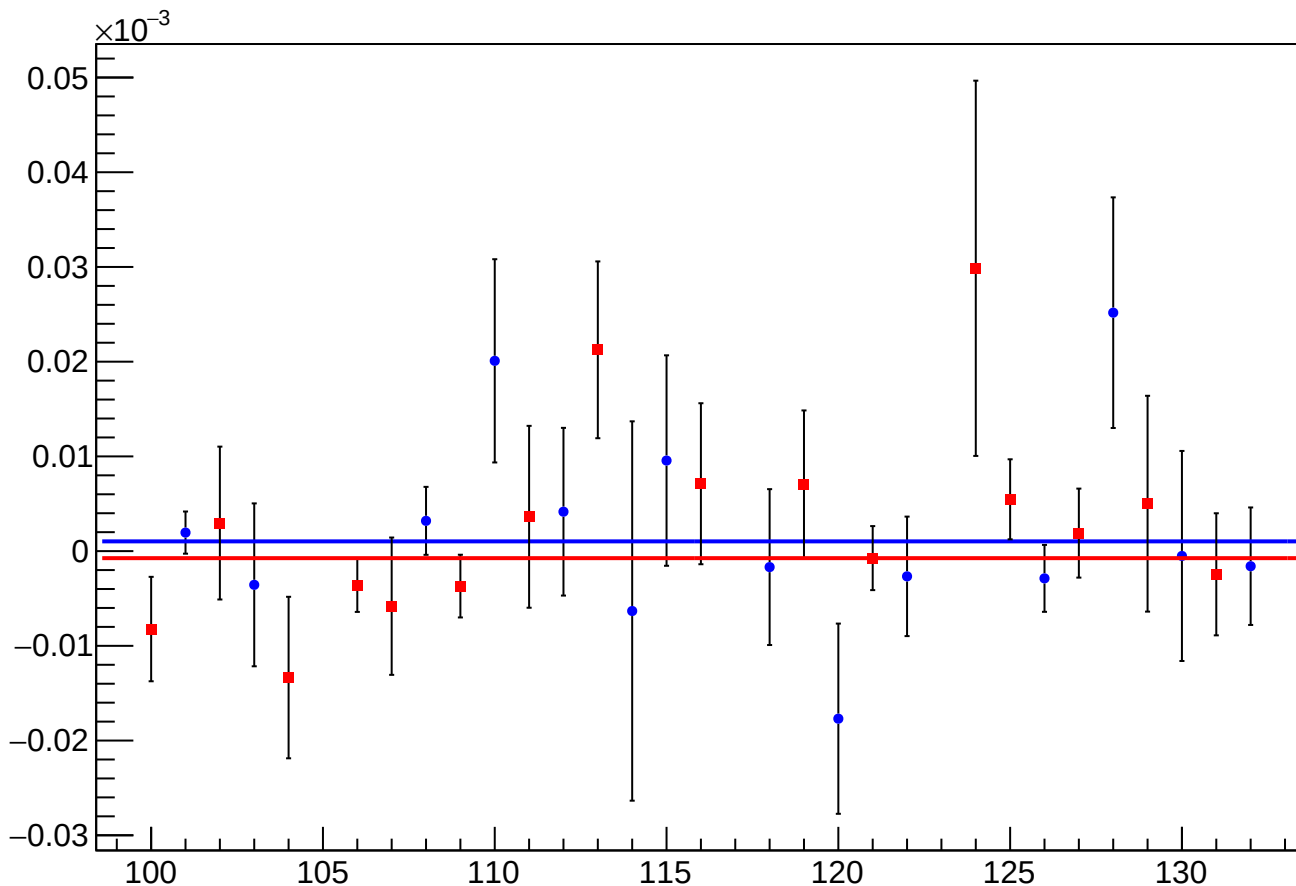
Right: 55.926+/-0.013 χ^2/NDF : 3791945.4/29

In: 59.670+/-0.020 χ^2/NDF : 1609116.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.926+/-0.013 χ^2/NDF : 3791945.4/29

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 19.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

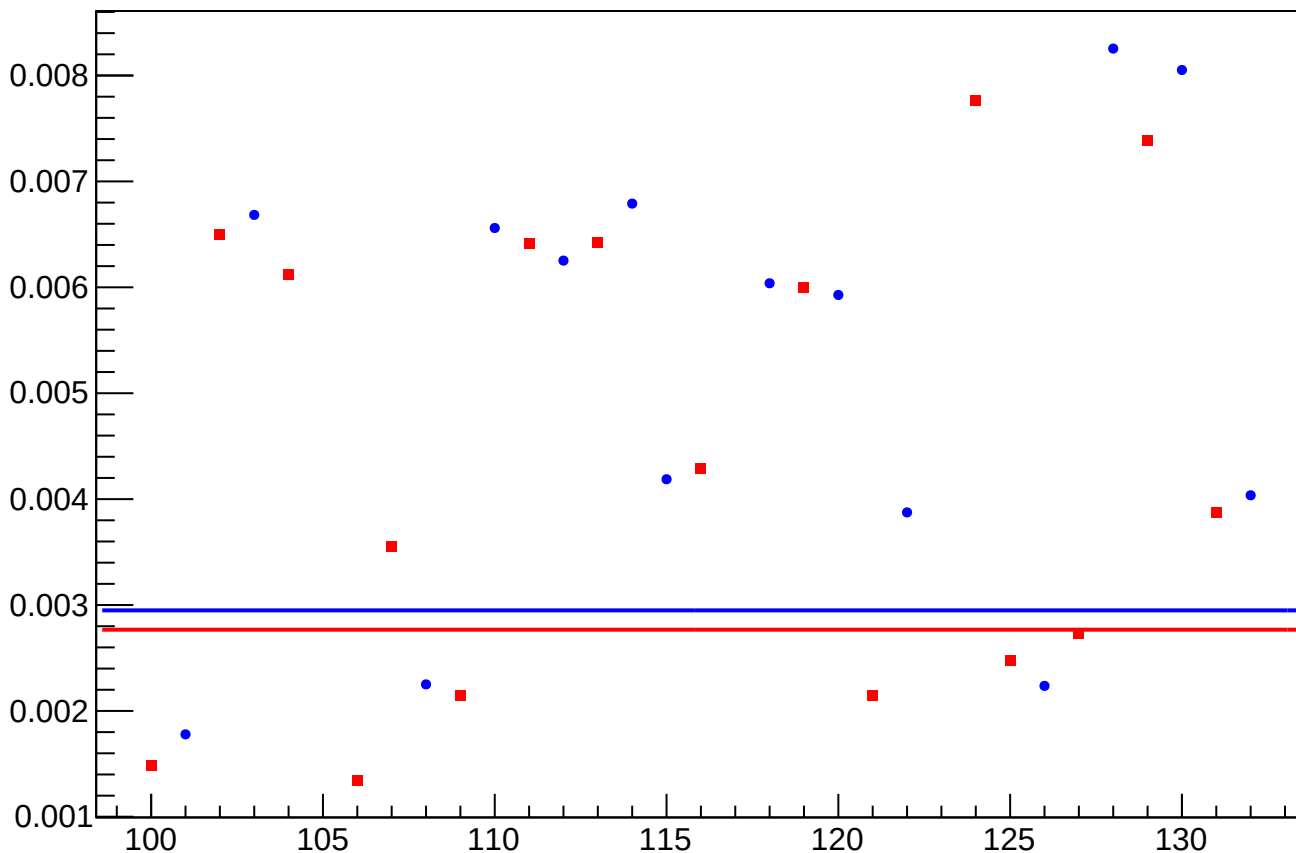
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 34.3/29

In: 0.000 $\pm$ 0.000 χ^2 /NDF:14.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 34.3/29

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 3056127.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 3038779.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

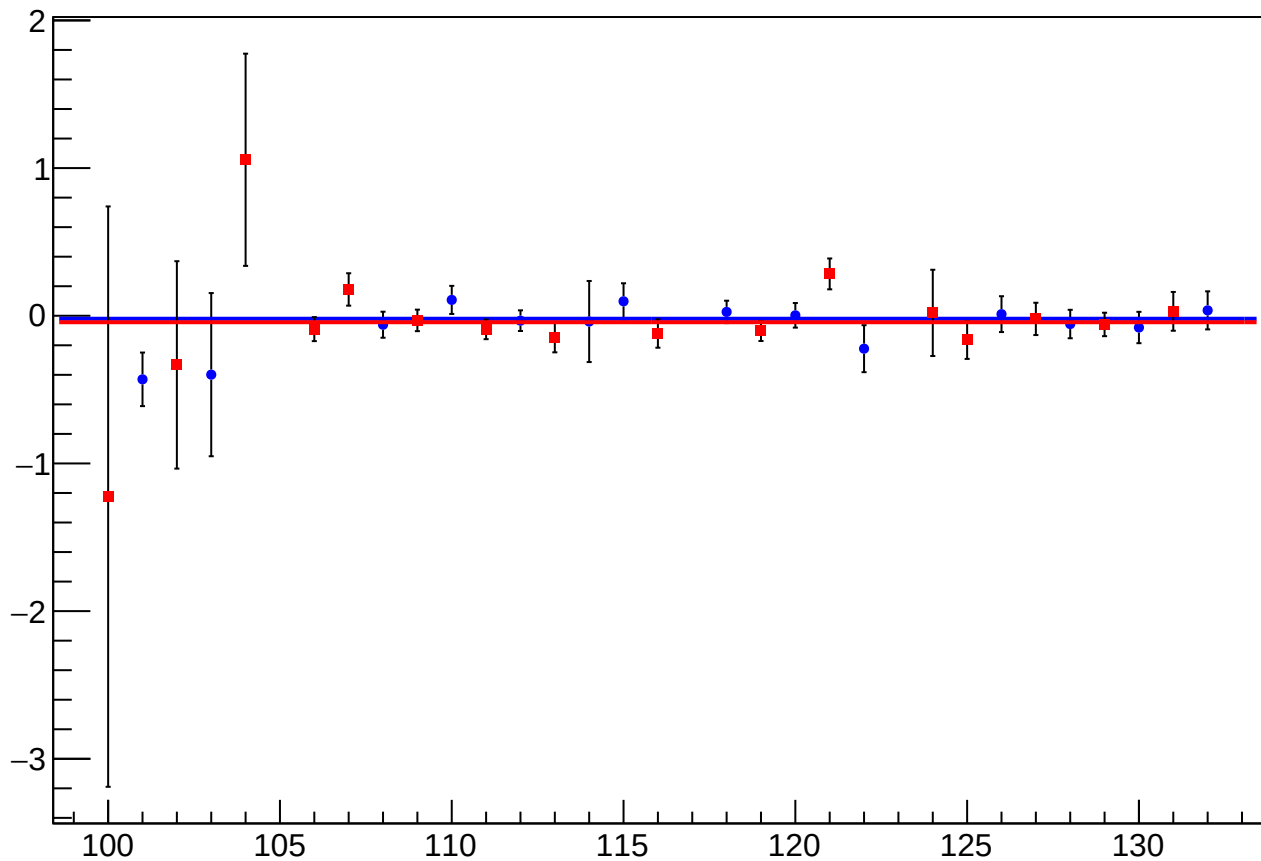
Right: 0.003+/-0.000 χ^2/NDF : 6112611.1/29

In: 0.003+/-0.000 χ^2/NDF :3056127.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 6112611.1/29

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.028 χ^2/NDF : 11.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.044+/-0.025 χ^2/NDF : 21.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

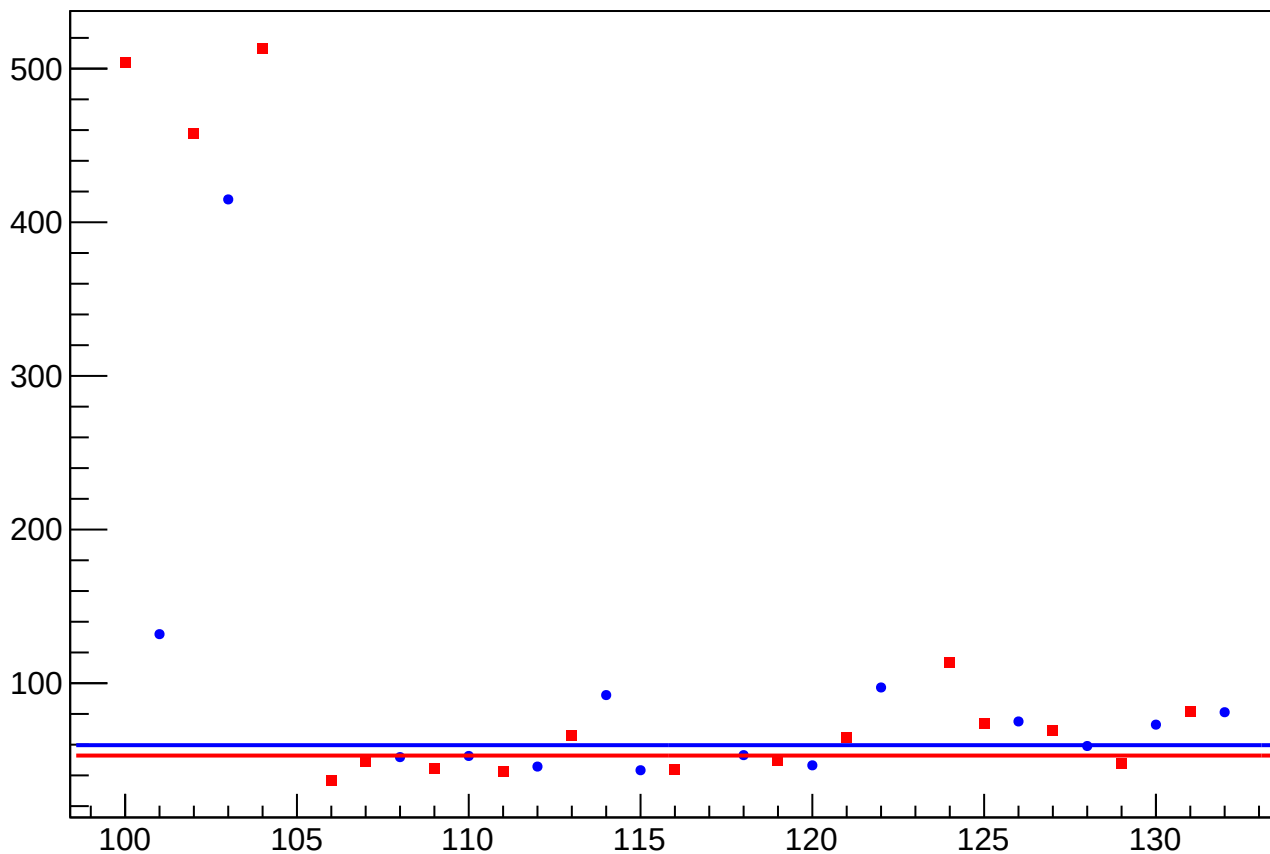
Right: -0.033+/-0.019 χ^2/NDF : 33.1/29

In: -0.020+/-0.028 χ^2/NDF : 11.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.033+/-0.019 χ^2/NDF : 33.1/29

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.669+/-0.020 χ^2/NDF : 1609057.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 52.909+/-0.018 χ^2/NDF : 2120017.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

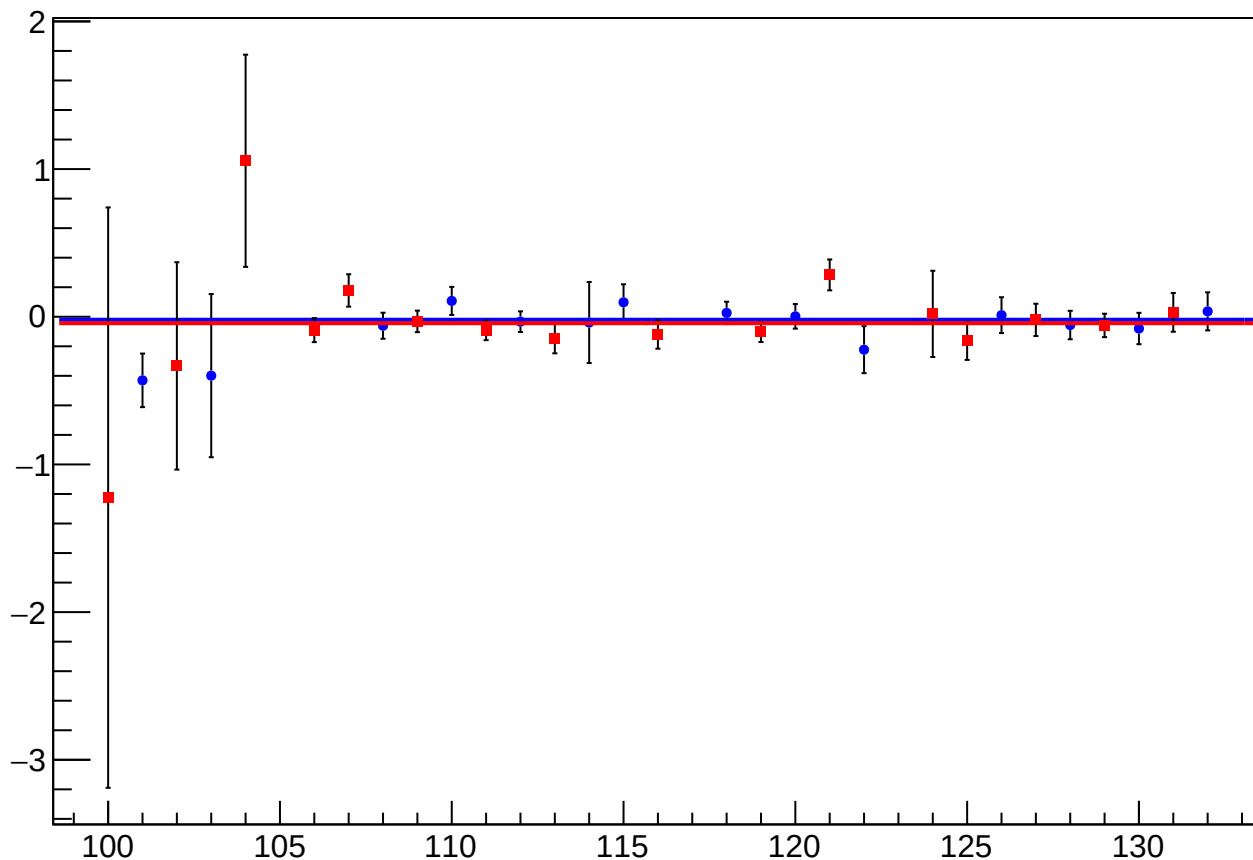
Right: 55.925+/-0.013 χ^2/NDF : 3791855.9/29

In: 59.669+/-0.020 χ^2/NDF :1609057.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 55.925+/-0.013 χ^2/NDF : 3791855.9/29

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.028 χ^2/NDF : 11.4/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.044 ± 0.025 χ^2/NDF : 21.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

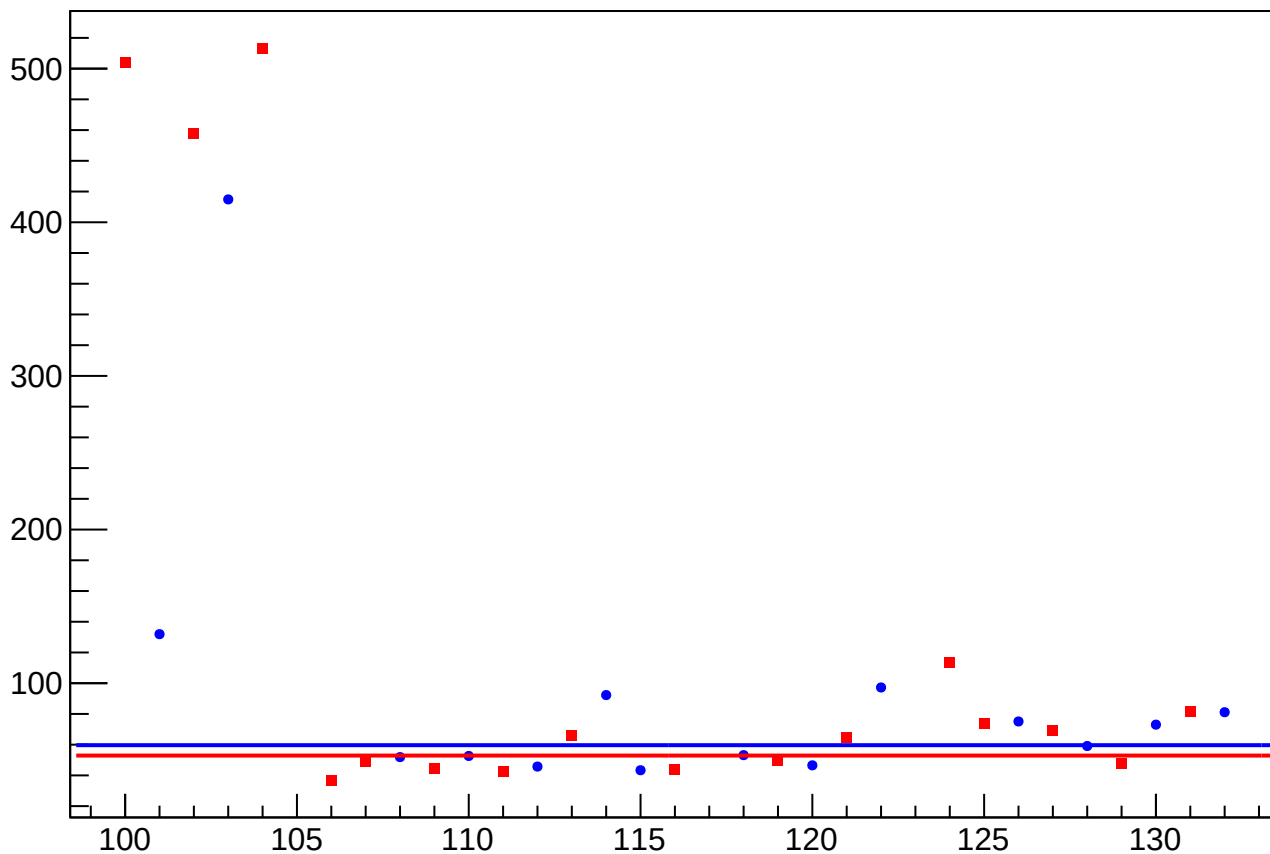
Right: -0.033 ± 0.019 χ^2/NDF : 33.1/29

In: -0.020 ± 0.028 χ^2/NDF : 11.4/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.033 ± 0.019 χ^2/NDF : 33.1/29

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.669+/-0.020 χ^2/NDF : 1609057.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.909+/-0.018 χ^2/NDF : 2120017.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

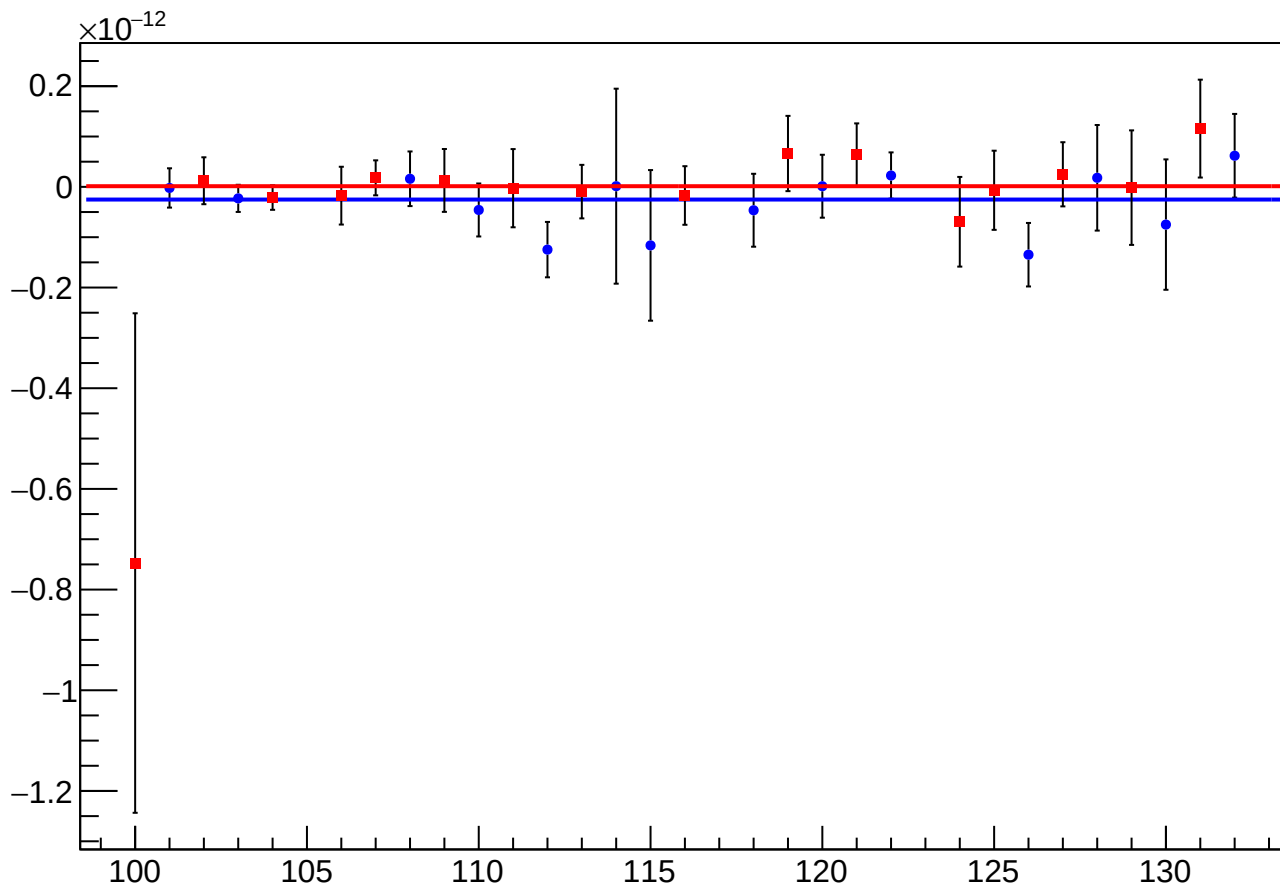
Right: 55.925+/-0.013 χ^2/NDF : 3791855.9/29

In: 59.669+/-0.020 χ^2/NDF : 1609057.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.925+/-0.013 χ^2/NDF : 3791855.9/29

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

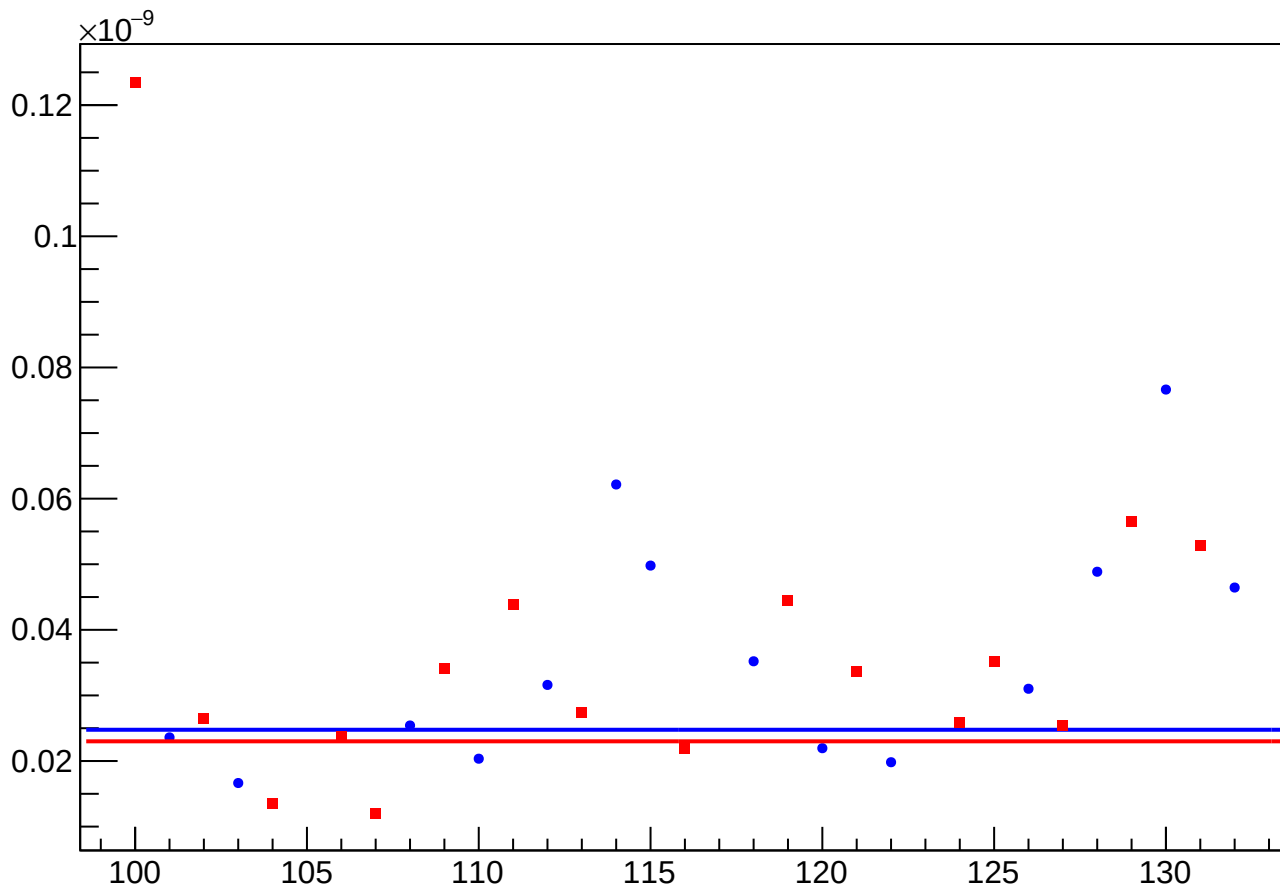
Right: -0.000+/-0.000 χ^2/NDF : 19.9/29

In: -0.000+/-0.000 χ^2/NDF : 10.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.9/29

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1009533.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1454526.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

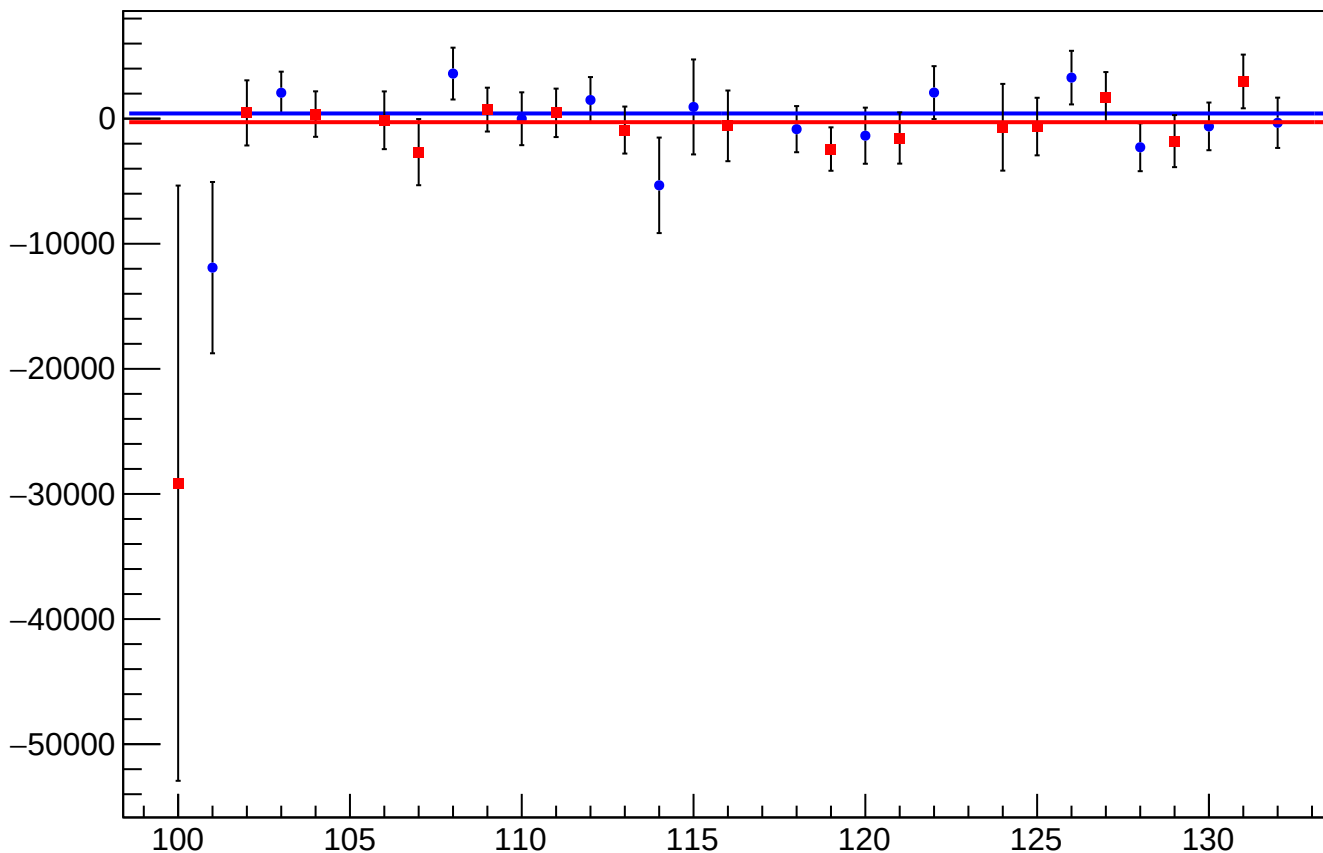
Right: 0.000+/-0.000 χ^2/NDF : 2479636.6/29

In: 0.000+/-0.000 χ^2/NDF : 1009533.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2479636.6/29

reg_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 414.700+/-577.749 χ^2/NDF : 15.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -282.509+/-548.443 χ^2/NDF : 8.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

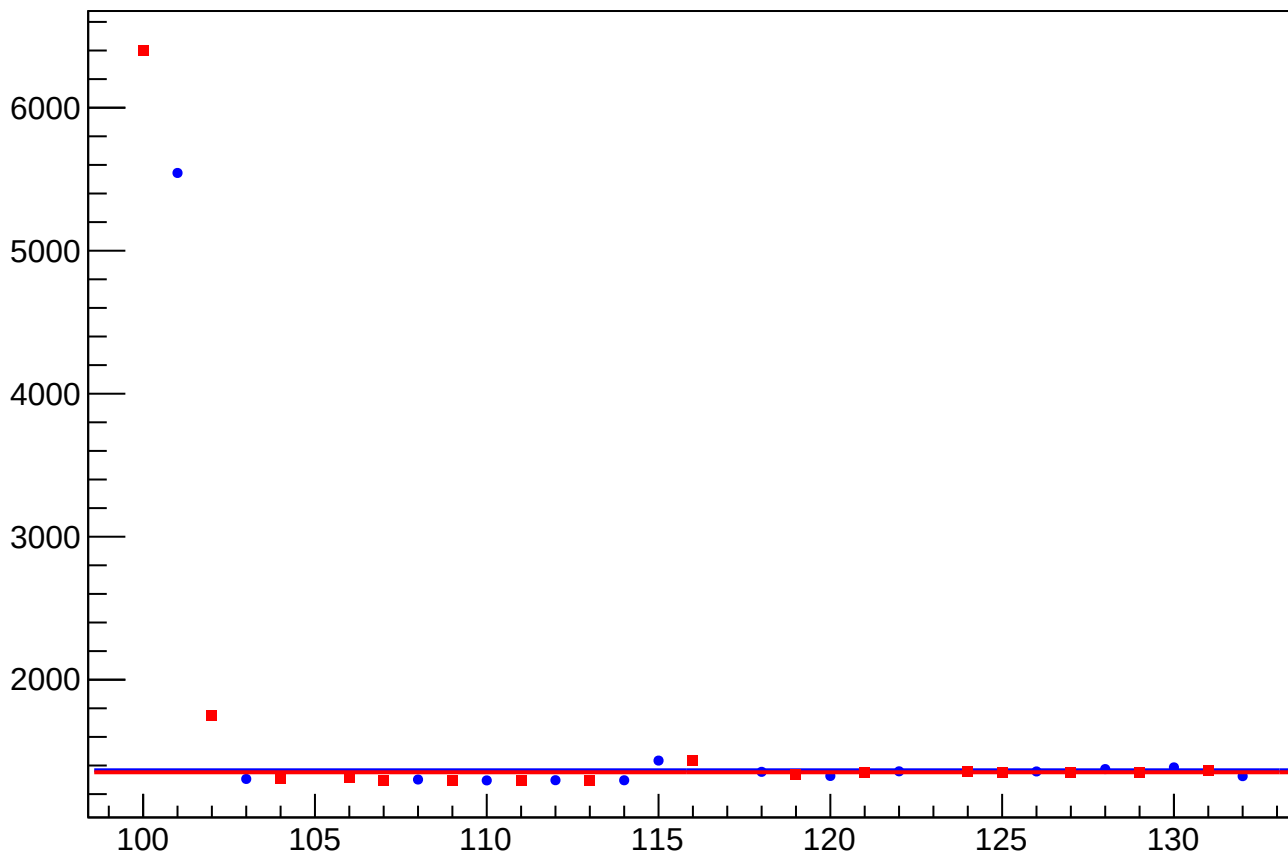
Right: 47.964+/-397.765 χ^2/NDF : 24.8/29

In: 414.700+/-577.749 χ^2/NDF : 15.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.964+/-397.765 χ^2/NDF : 24.8/29

reg_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1366.453+/-0.409 χ^2/NDF : 757141.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1352.707+/-0.388 χ^2/NDF : 146550.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

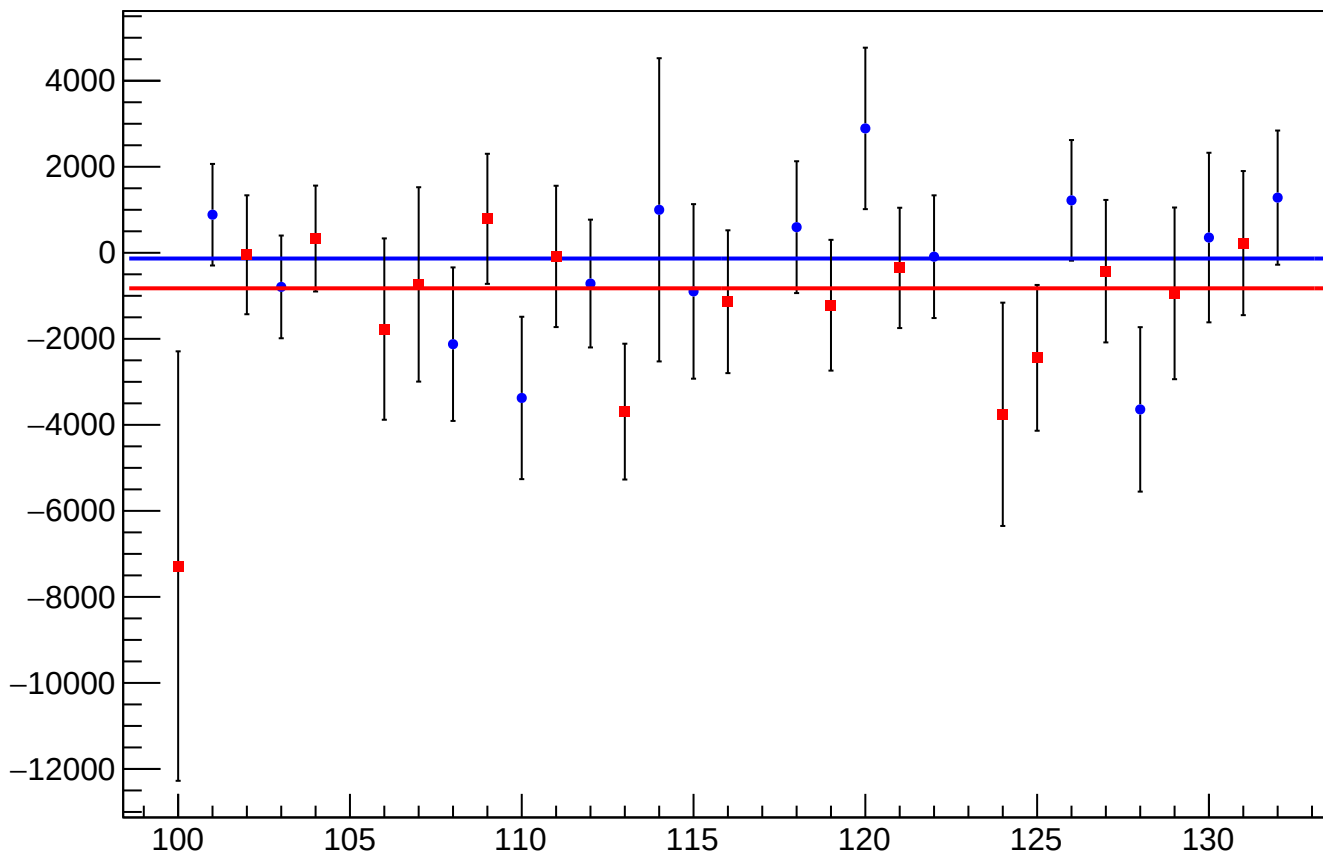
Right: 1359.222+/-0.281 χ^2/NDF : 904288.2/29

In: 1366.453+/-0.409 χ^2/NDF : 757141.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1359.222+/-0.281 χ^2/NDF : 904288.2/29

asym_usr_atr1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -132.919+/-428.698 χ^2/NDF : 13.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -825.529+/-421.517 χ^2/NDF : 10.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

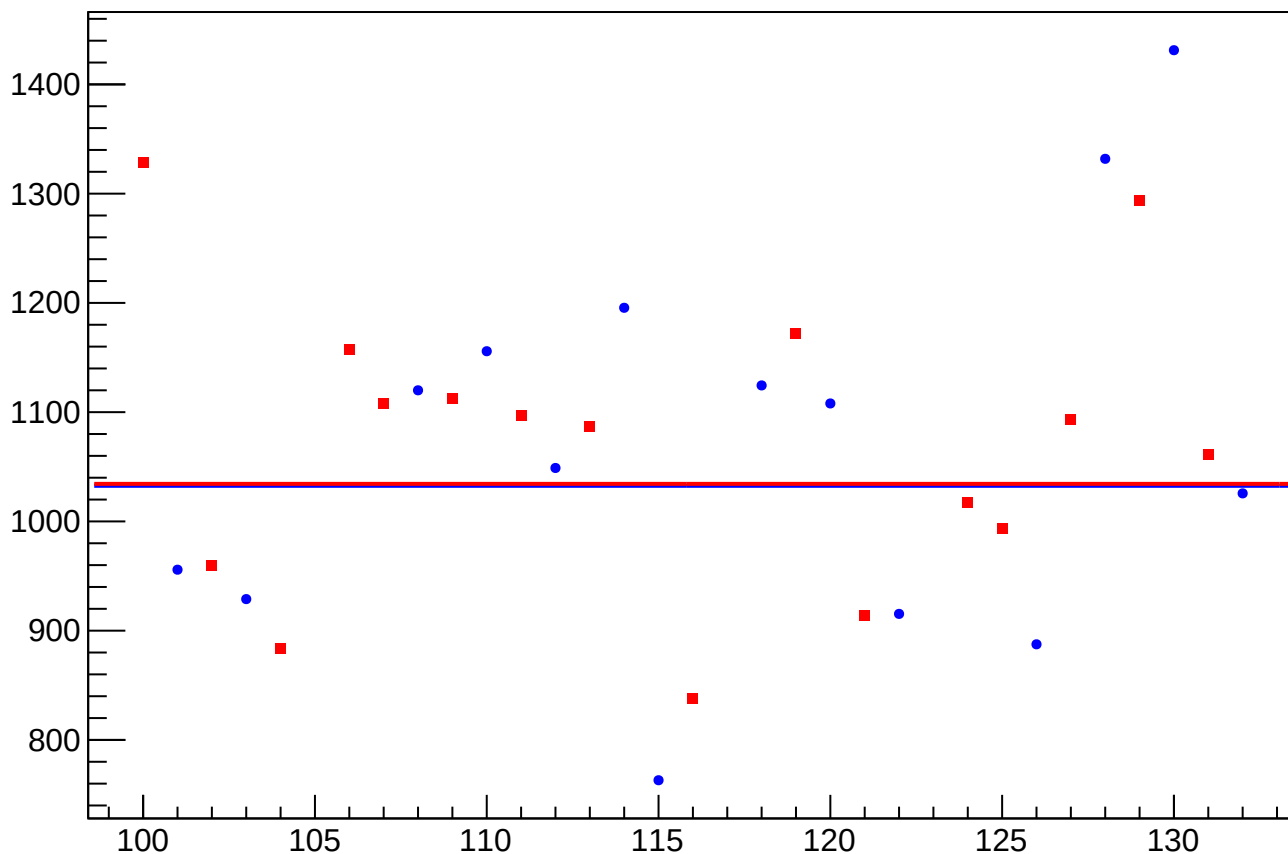
Right: -485.073+/-300.564 χ^2/NDF : 25.6/29

In: -132.919+/-428.698 χ^2/NDF : 13.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -485.073+/-300.564 χ^2/NDF : 25.6/29

asym_usr_atr1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1032.601+/-0.303 χ^2/NDF : 252851.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1034.363+/-0.298 χ^2/NDF : 159429.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

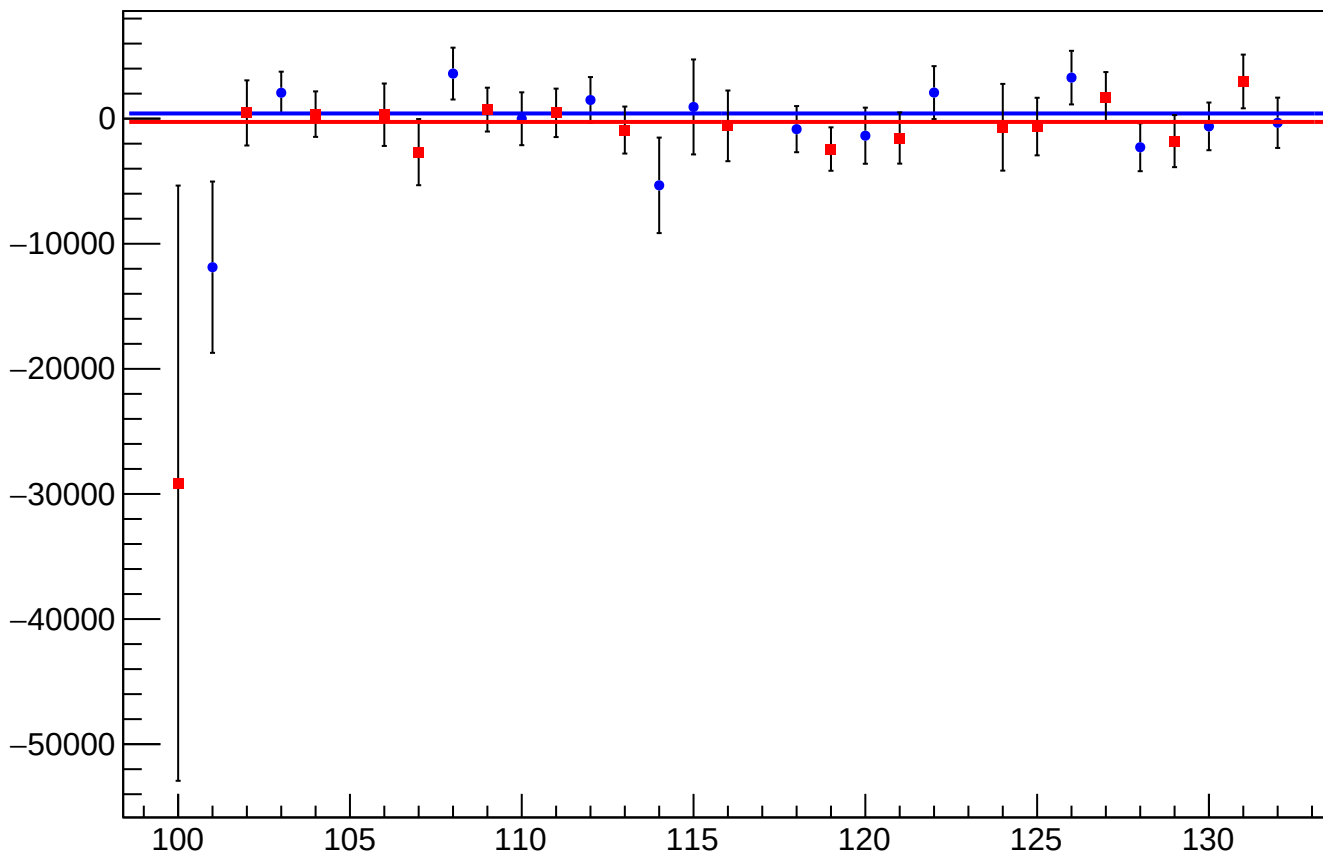
Right: 1033.497+/-0.213 χ^2/NDF : 412298.6/29

In: 1032.601+/-0.303 χ^2/NDF : 252851.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1033.497+/-0.213 χ^2/NDF : 412298.6/29

cor_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 415.053+/-577.749 χ^2/NDF : 15.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -262.586+/-550.688 χ^2/NDF : 8.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

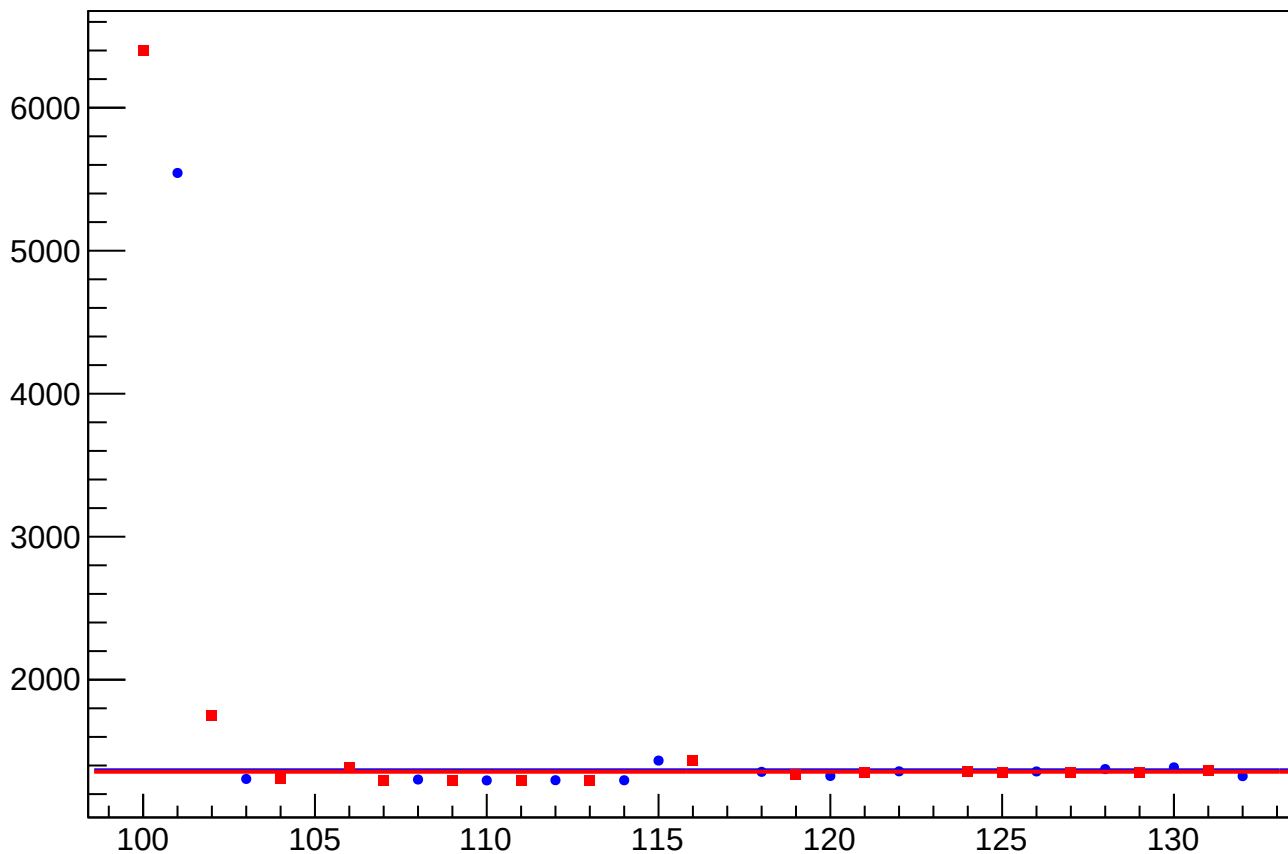
Right: 59.993+/-398.619 χ^2/NDF : 24.8/29

In: 415.053+/-577.749 χ^2/NDF : 15.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.993+/-398.619 χ^2/NDF : 24.8/29

cor_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1366.453+/-0.409 χ^2/NDF : 757141.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1356.468+/-0.389 χ^2/NDF : 146410.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

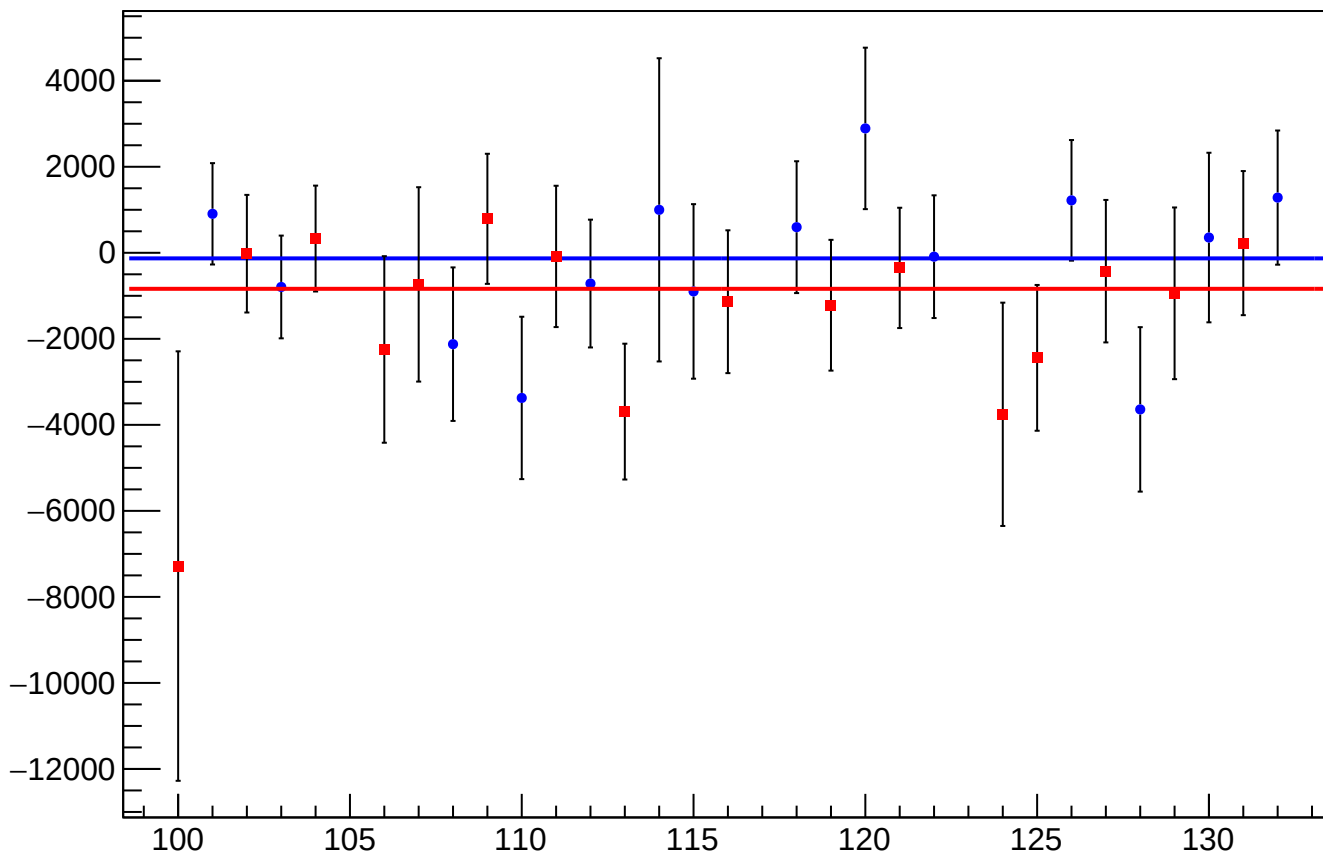
Right: 1361.221+/-0.282 χ^2/NDF : 903864.4/29

In: 1366.453+/-0.409 χ^2/NDF : 757141.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1361.221+/-0.282 χ^2/NDF : 903864.4/29

asym_usr_atr1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -129.758+/-428.581 χ^2/NDF : 13.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -837.383+/-421.531 χ^2/NDF : 10.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

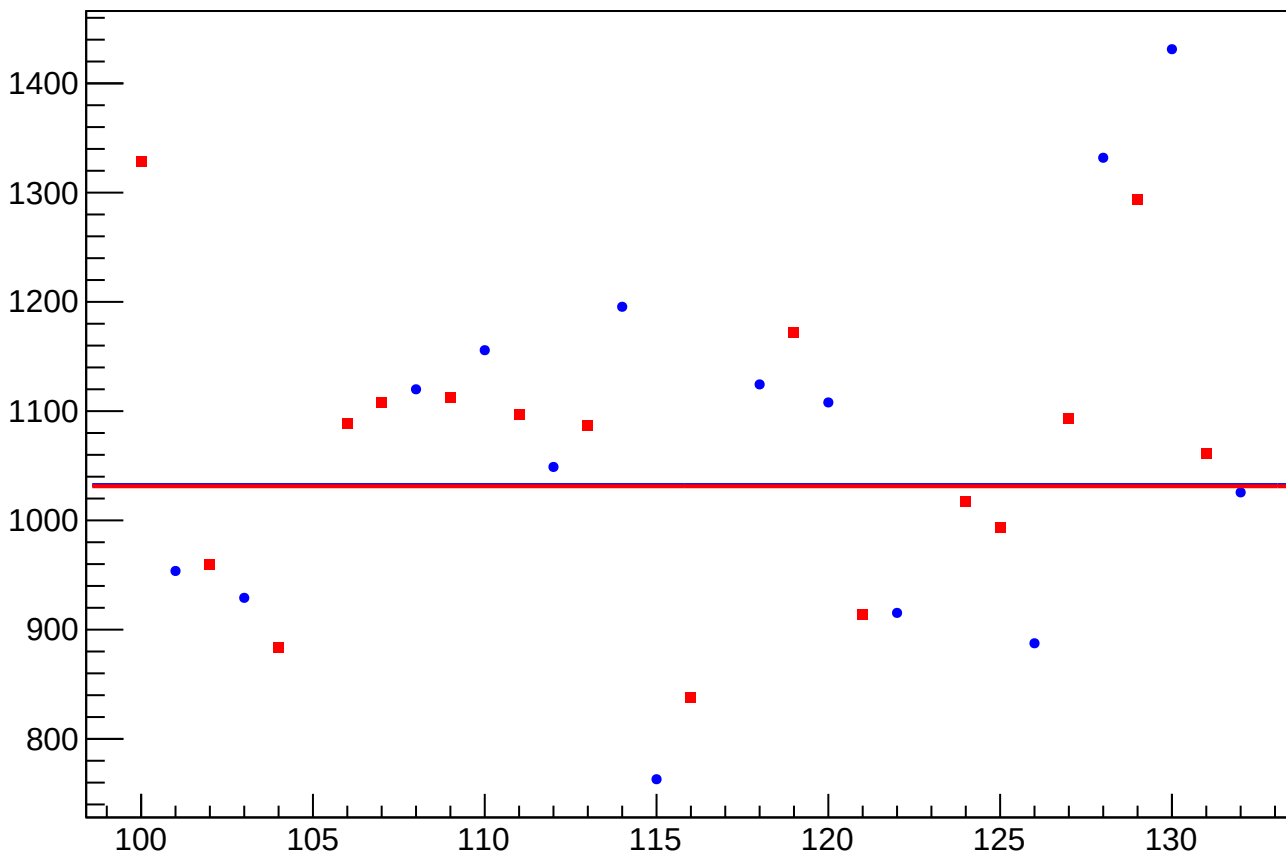
Right: -489.438+/-300.529 χ^2/NDF : 25.9/29

In: -129.758+/-428.581 χ^2/NDF : 13.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -489.438+/-300.529 χ^2/NDF : 25.9/29

asym_usr_atr1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1032.305+/-0.303 χ^2/NDF : 253303.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1031.253+/-0.298 χ^2/NDF : 154090.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

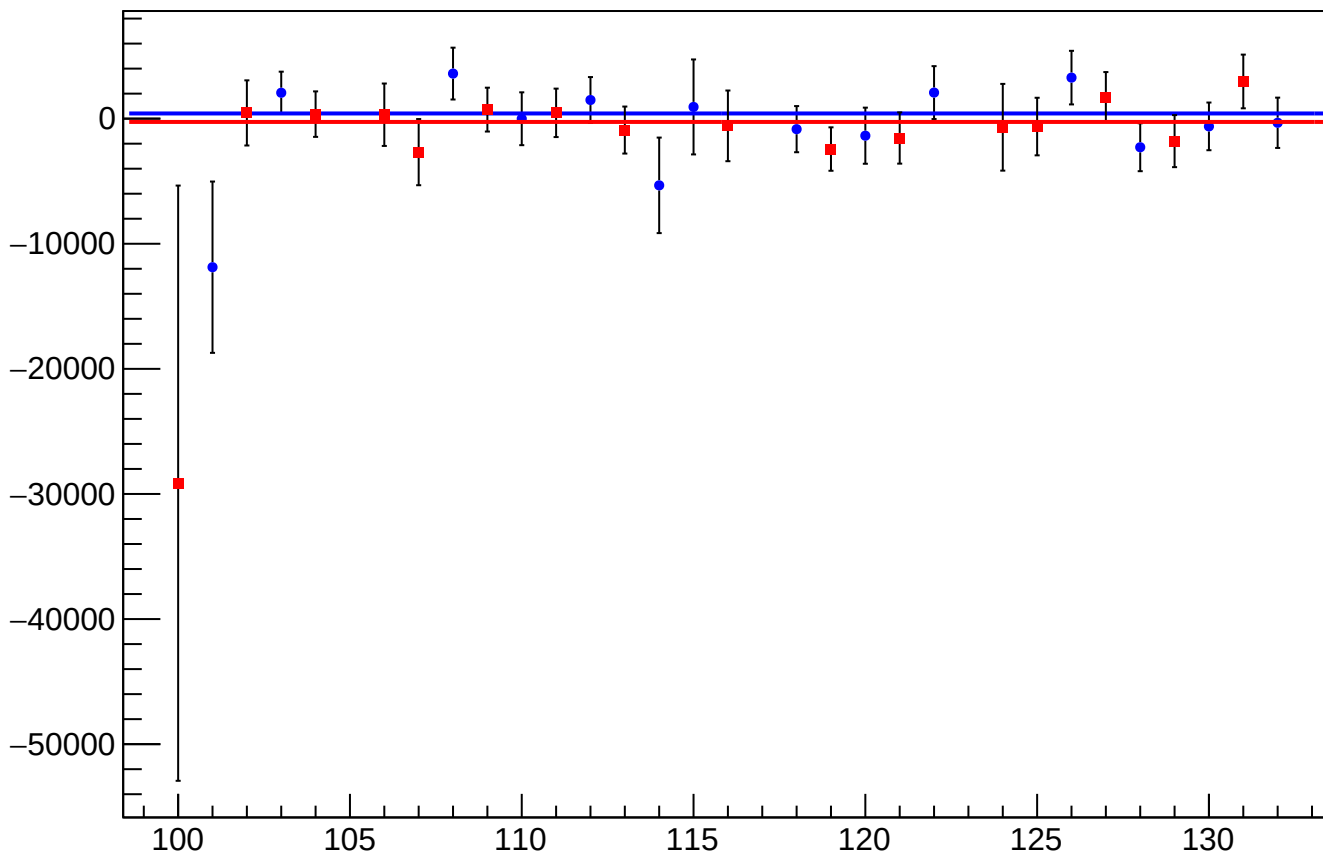
Right: 1031.770+/-0.213 χ^2/NDF : 407399.6/29

In: 1032.305+/-0.303 χ^2/NDF : 253303.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1031.770+/-0.213 χ^2/NDF : 407399.6/29

eigen_cor_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 415.053+/-577.749 χ^2/NDF : 15.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -262.586+/-550.688 χ^2/NDF : 8.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

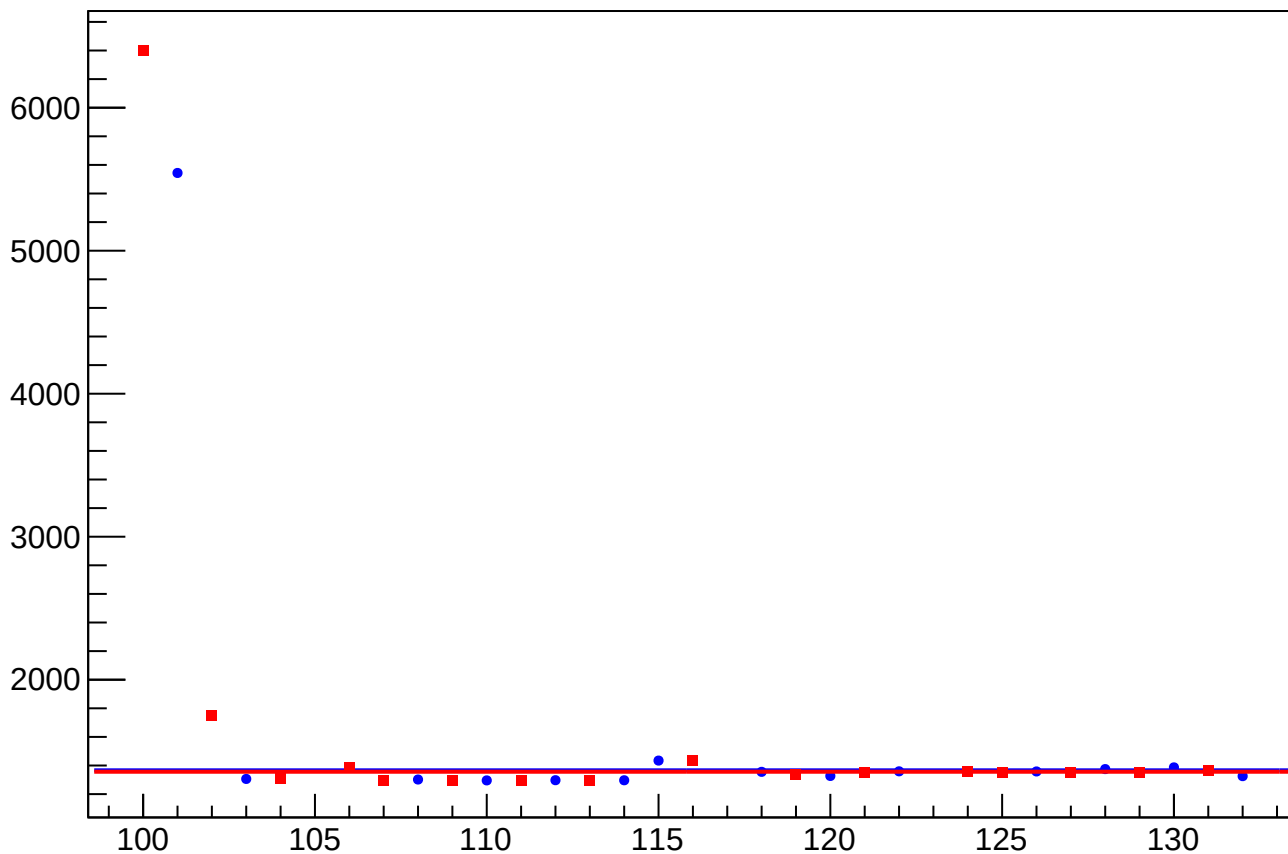
Right: 59.993+/-398.619 χ^2/NDF : 24.8/29

In: 415.053+/-577.749 χ^2/NDF : 15.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.993+/-398.619 χ^2/NDF : 24.8/29

eigen_cor_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1366.453+/-0.409 χ^2/NDF : 757141.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1356.468+/-0.389 χ^2/NDF : 146410.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

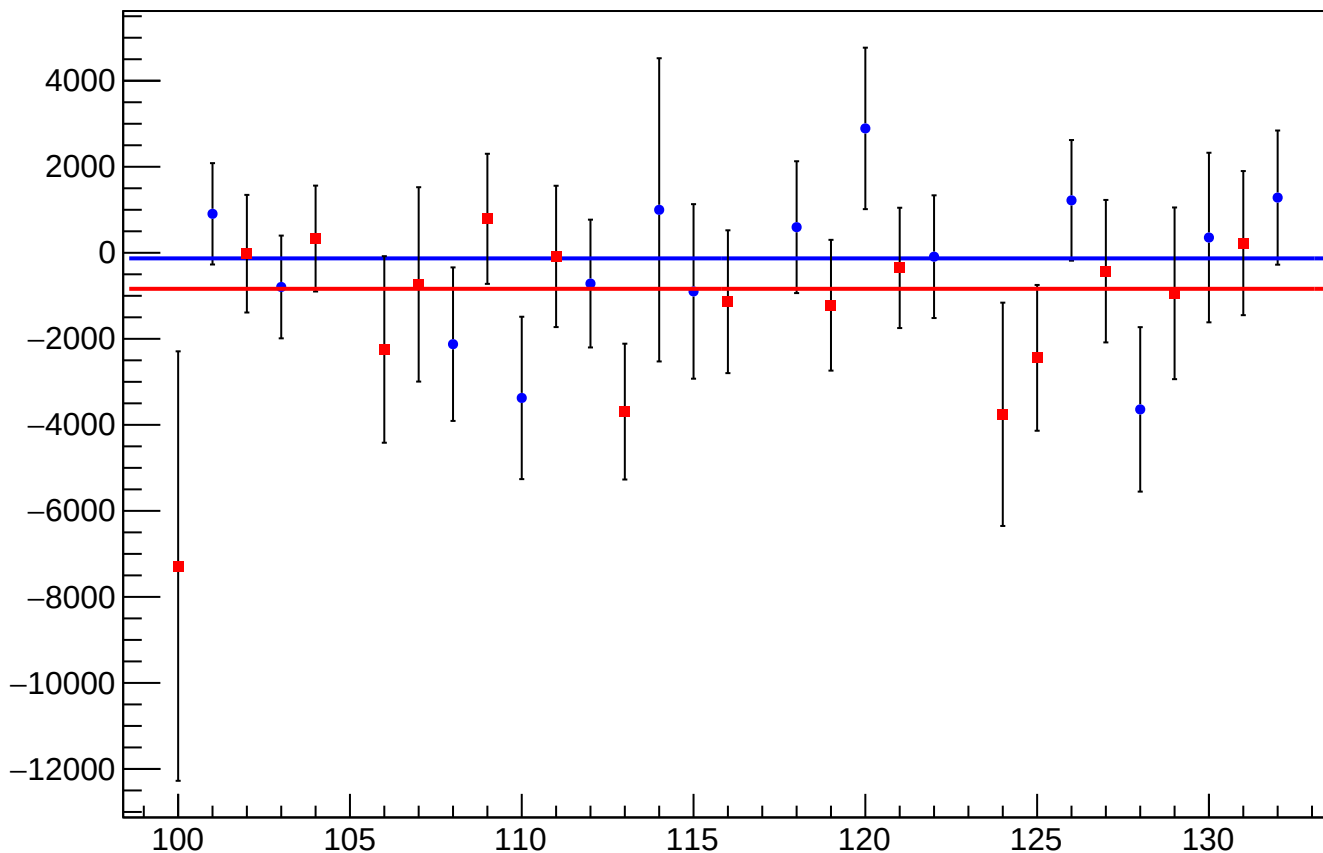
Right: 1361.221+/-0.282 χ^2/NDF : 903864.4/29

In: 1366.453+/-0.409 χ^2/NDF : 757141.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1361.221+/-0.282 χ^2/NDF : 903864.4/29

asym_usr_atr1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -129.758+/-428.581 χ^2/NDF : 13.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -837.383+/-421.531 χ^2/NDF : 10.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

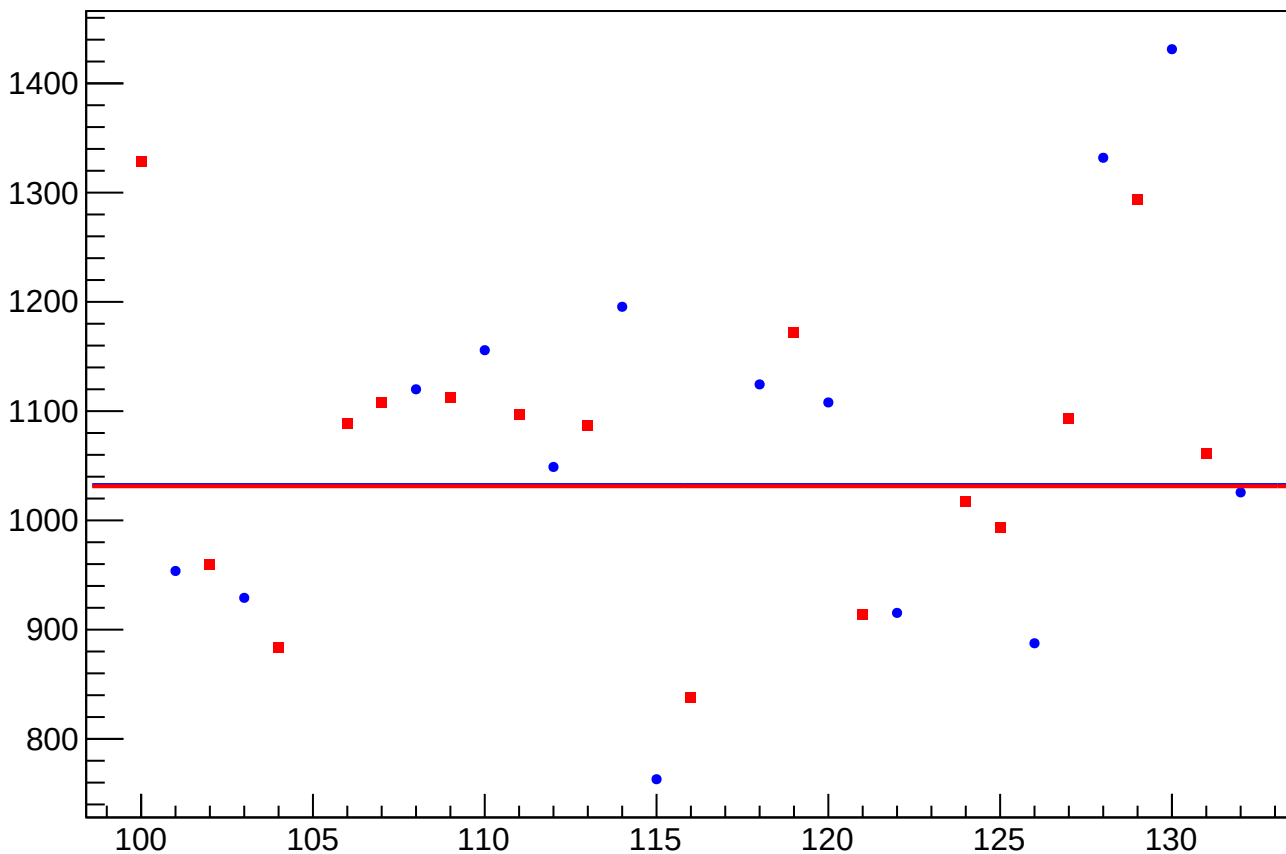
Right: -489.438+/-300.529 χ^2/NDF : 25.9/29

In: -129.758+/-428.581 χ^2/NDF : 13.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -489.438+/-300.529 χ^2/NDF : 25.9/29

asym_usr_atr1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1032.305+/-0.303 χ^2/NDF : 253303.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1031.253+/-0.298 χ^2/NDF : 154090.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

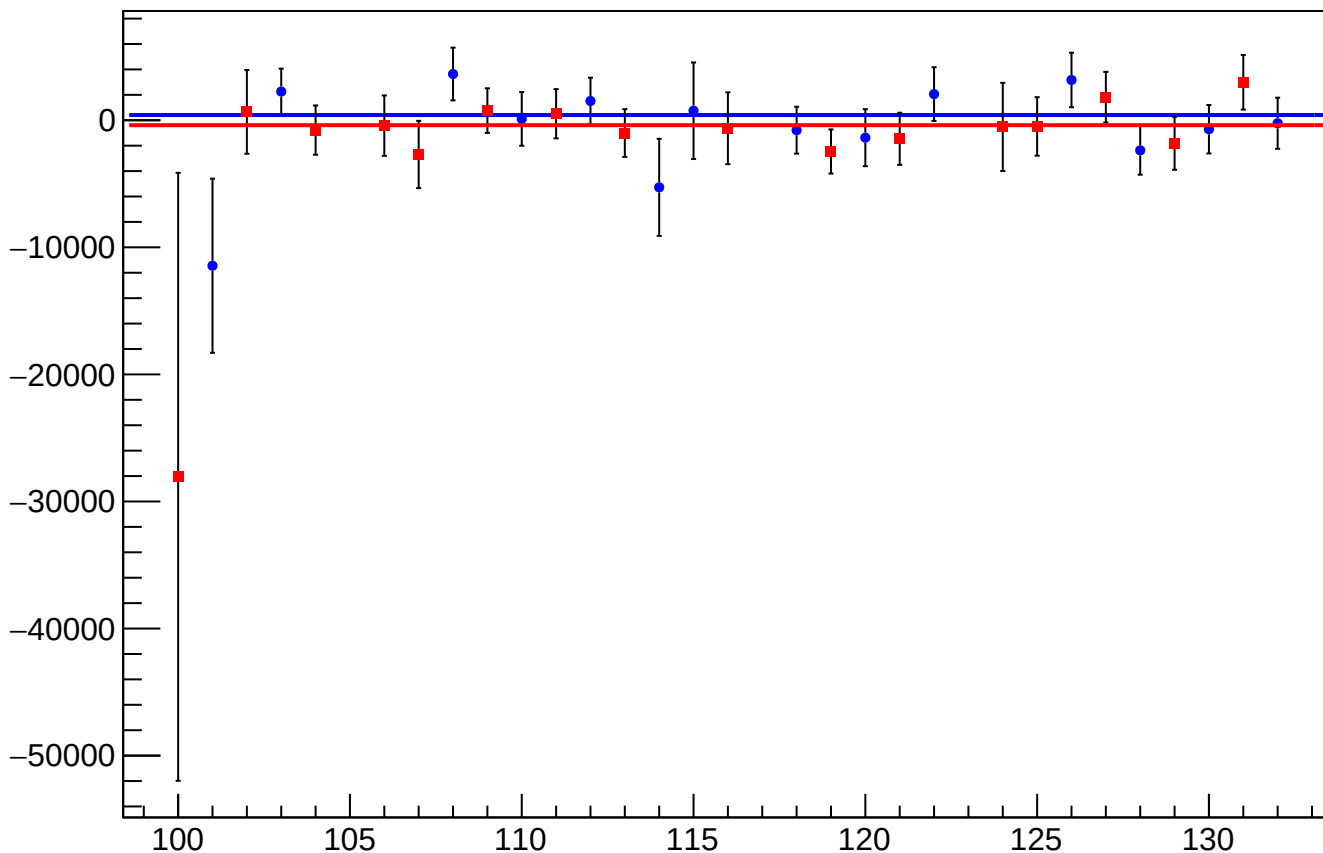
Right: 1031.770+/-0.213 χ^2/NDF : 407399.6/29

In: 1032.305+/-0.303 χ^2/NDF : 253303.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1031.770+/-0.213 χ^2/NDF : 407399.6/29

dit_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 411.731+/-582.340 χ^2/NDF : 14.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -387.337+/-557.470 χ^2/NDF : 8.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

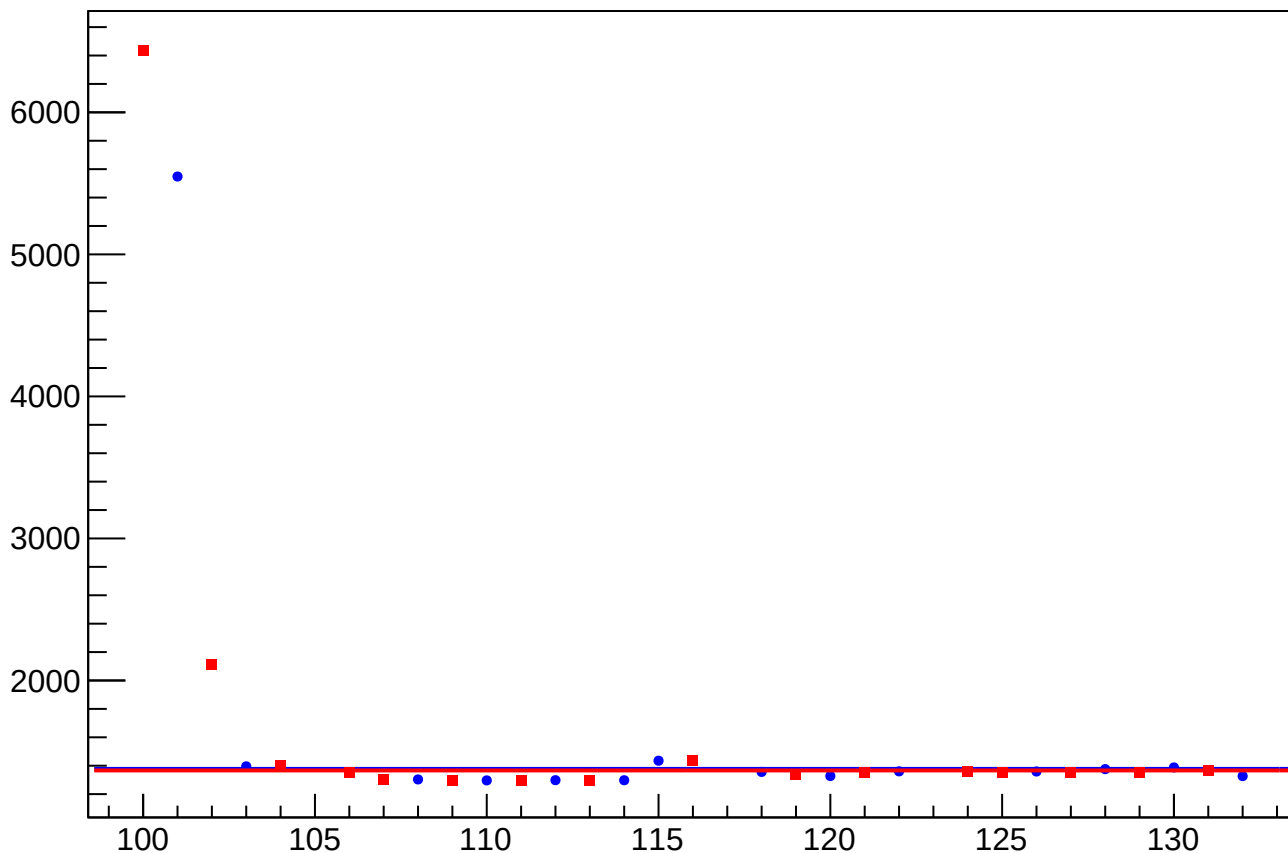
Right: -5.230+/-402.696 χ^2/NDF : 24.8/29

In: 411.731+/-582.340 χ^2/NDF : 14.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.230+/-402.696 χ^2/NDF : 24.8/29

dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1377.486+/-0.412 χ^2/NDF : 754503.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1366.759+/-0.394 χ^2/NDF : 203807.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

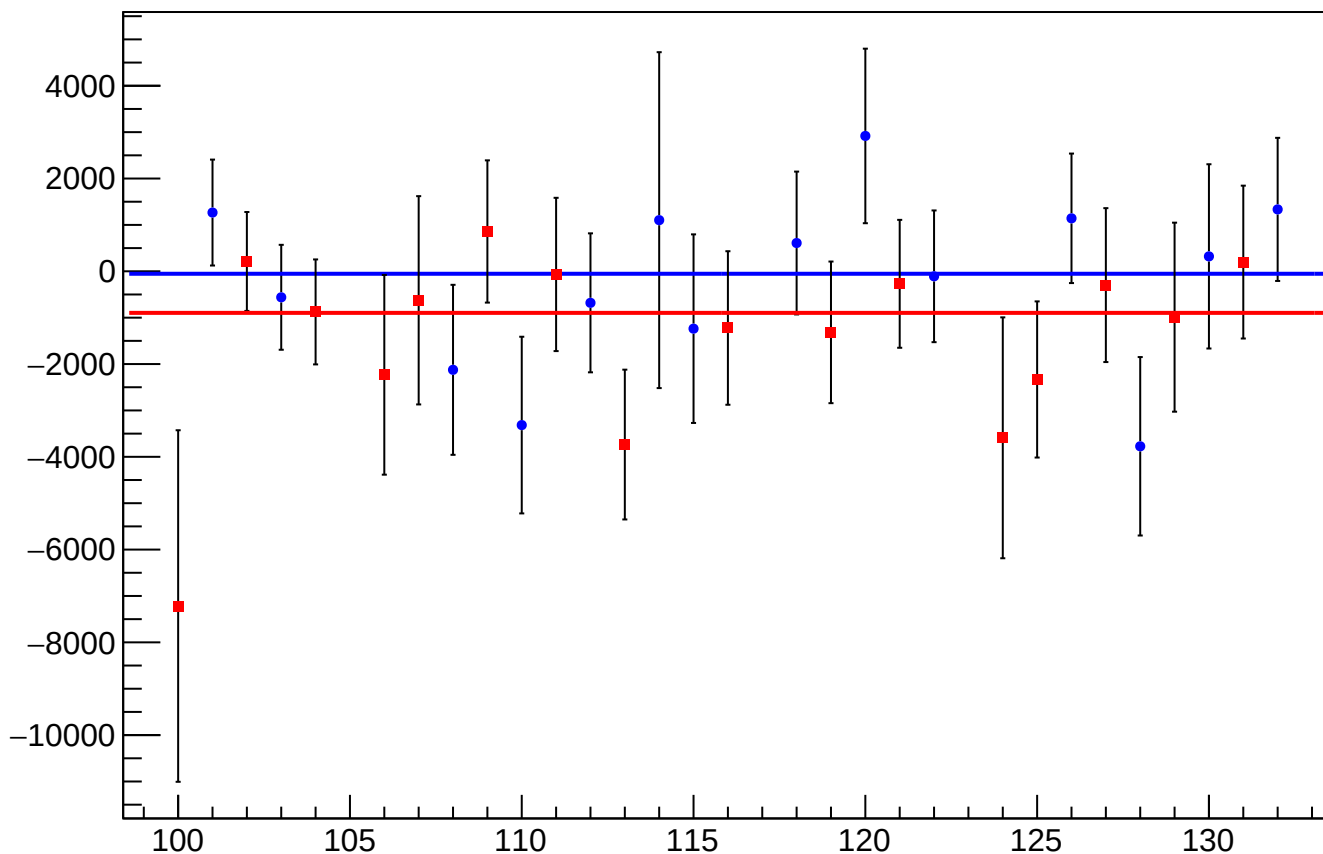
Right: 1371.888+/-0.285 χ^2/NDF : 958665.2/29

In: 1377.486+/-0.412 χ^2/NDF : 754503.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1371.888+/-0.285 χ^2/NDF : 958665.2/29

asym_usr_atr1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -53.290+/-424.754 χ^2/NDF : 14.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -896.482+/-404.471 χ^2/NDF : 11.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

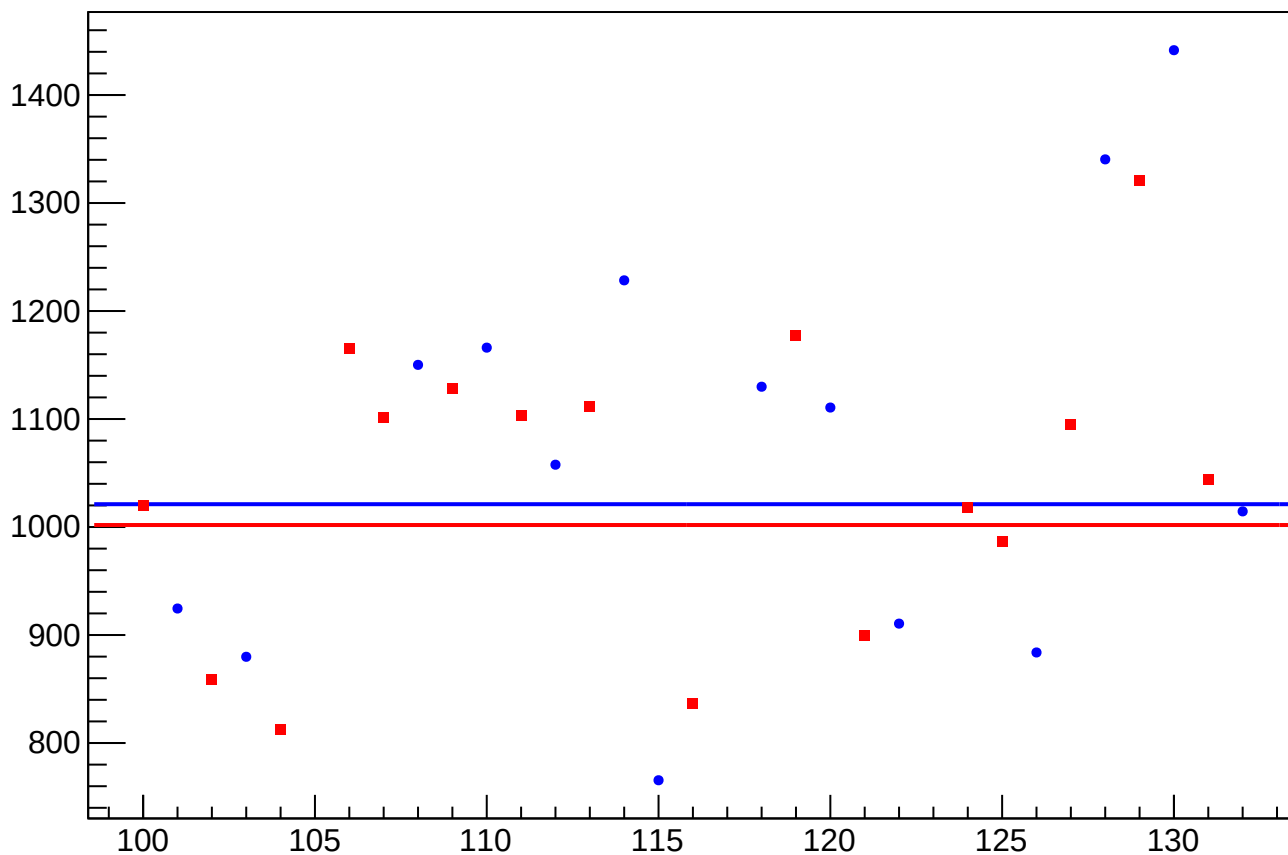
Right: -495.497+/-292.912 χ^2/NDF : 28.0/29

In: -53.290+/-424.754 χ^2/NDF : 14.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -495.497+/-292.912 χ^2/NDF : 28.0/29

asym_usr_atr1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1021.131+/-0.300 χ^2/NDF : 297068.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1001.847+/-0.286 χ^2/NDF : 251859.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

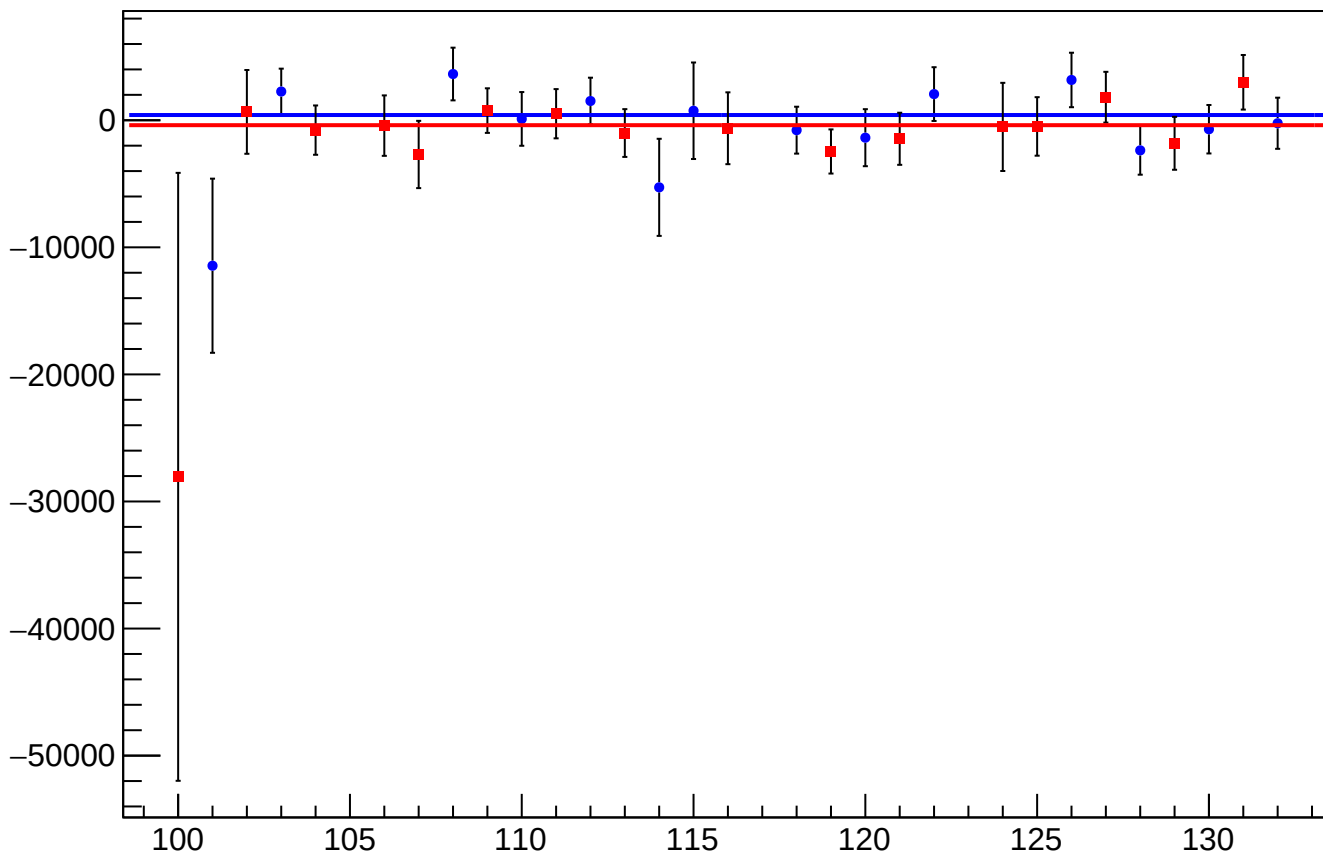
Right: 1011.018+/-0.207 χ^2/NDF : 551089.3/29

In: 1021.131+/-0.300 χ^2/NDF : 297068.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1011.018+/-0.207 χ^2/NDF : 551089.3/29

eigen_dit_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 411.733+/-582.340 χ^2/NDF : 14.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -387.335+/-557.470 χ^2/NDF : 8.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

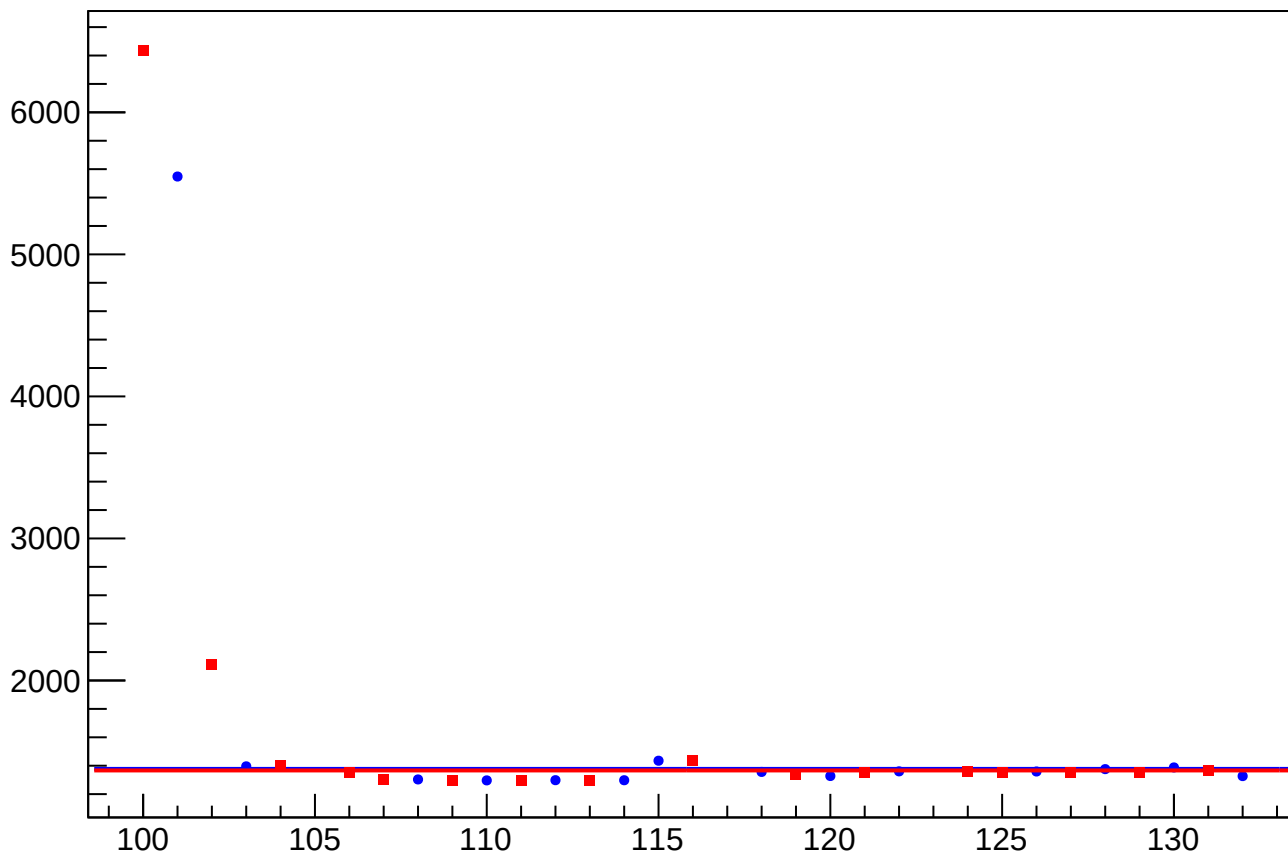
Right: -5.228+/-402.696 χ^2/NDF : 24.8/29

In: 411.733+/-582.340 χ^2/NDF : 14.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.228+/-402.696 χ^2/NDF : 24.8/29

eigen_dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1377.486 $\pm$ 0.412 χ^2 /NDF: 754503.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1366.759 $\pm$ 0.394 χ^2 /NDF: 203807.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

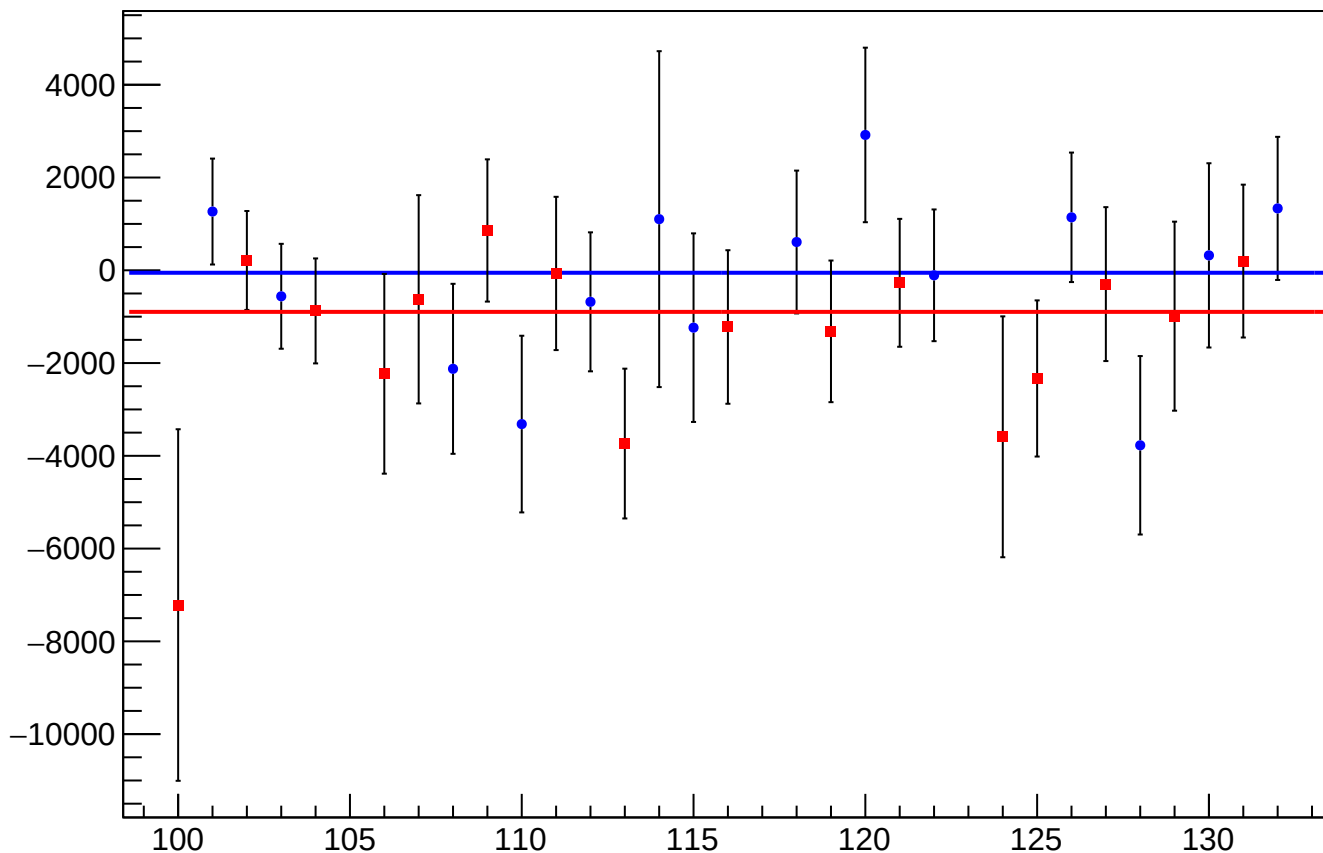
Right: 1371.888 $\pm$ 0.285 χ^2 /NDF: 958665.2/29

In: 1377.486 $\pm$ 0.412 χ^2 /NDF:754503.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1371.888 $\pm$ 0.285 χ^2 /NDF: 958665.2/29

asym_usr_atr1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -53.291+/-424.753 χ^2/NDF : 14.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -896.481+/-404.471 χ^2/NDF : 11.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

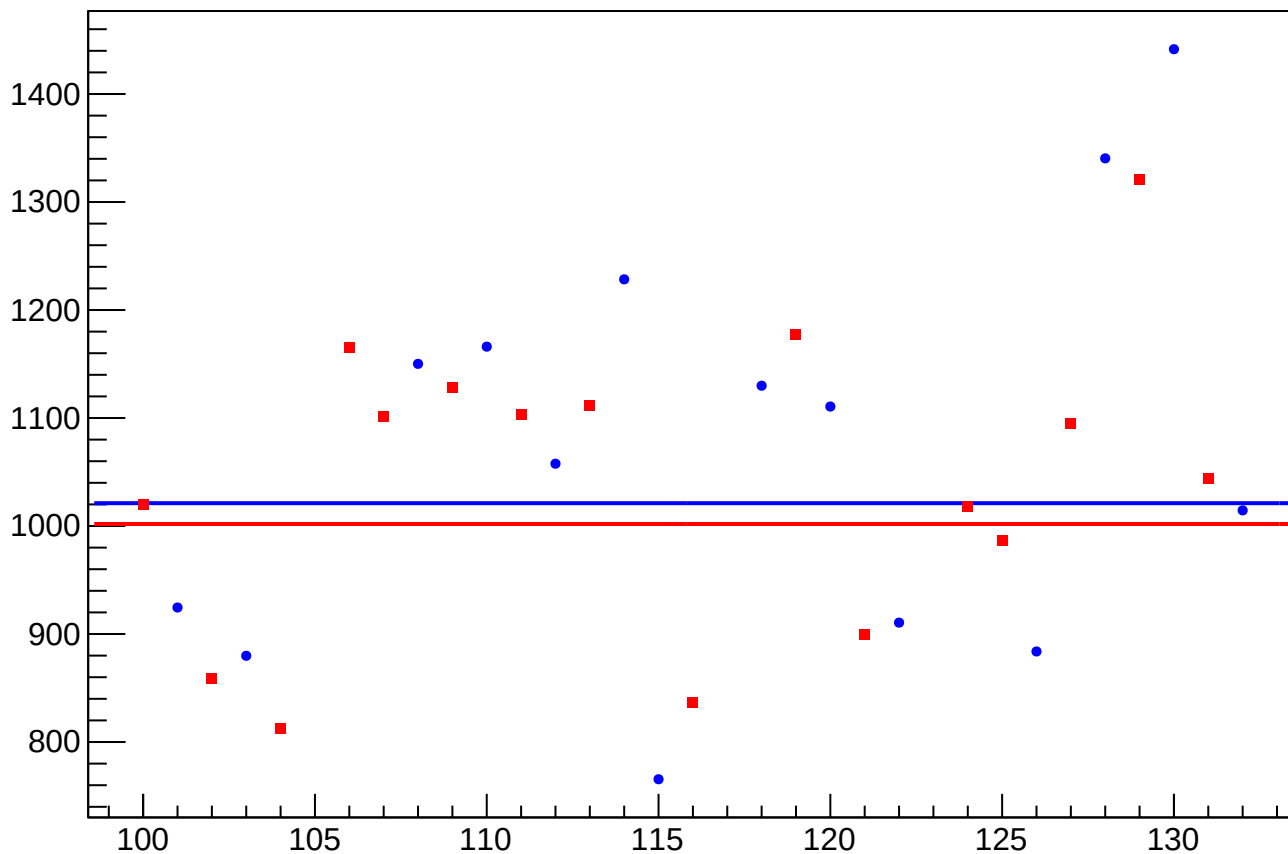
Right: -495.497+/-292.912 χ^2/NDF : 28.0/29

In: -53.291+/-424.753 χ^2/NDF : 14.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -495.497+/-292.912 χ^2/NDF : 28.0/29

asym_usr_atr1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1021.129+/-0.300 χ^2/NDF : 297062.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1001.846+/-0.286 χ^2/NDF : 251852.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

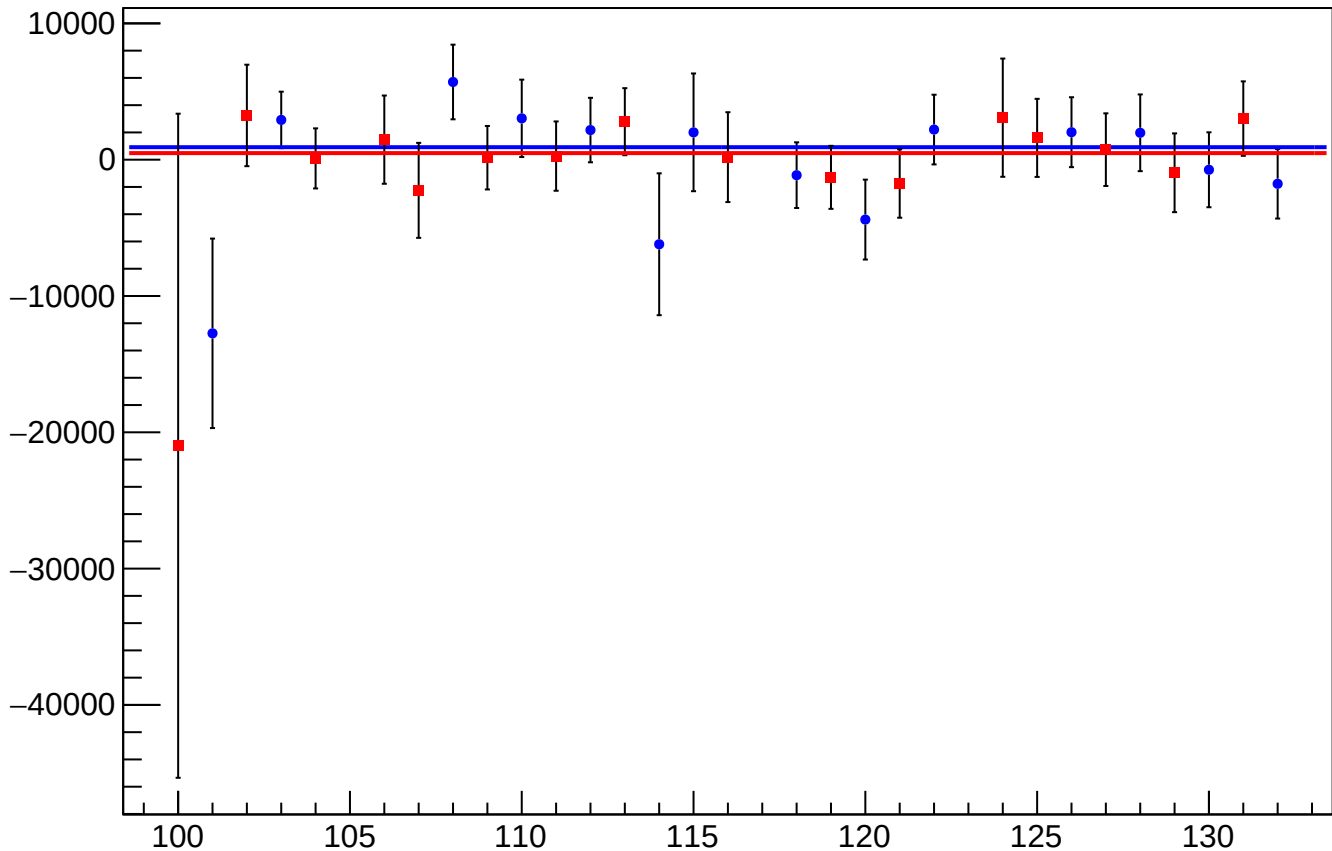
Right: 1011.016+/-0.207 χ^2/NDF : 551076.6/29

In: 1021.129+/-0.300 χ^2/NDF : 297062.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1011.016+/-0.207 χ^2/NDF : 551076.6/29

asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 916.759+/-748.116 χ^2/NDF : 16.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 482.931+/-712.491 χ^2/NDF : 6.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

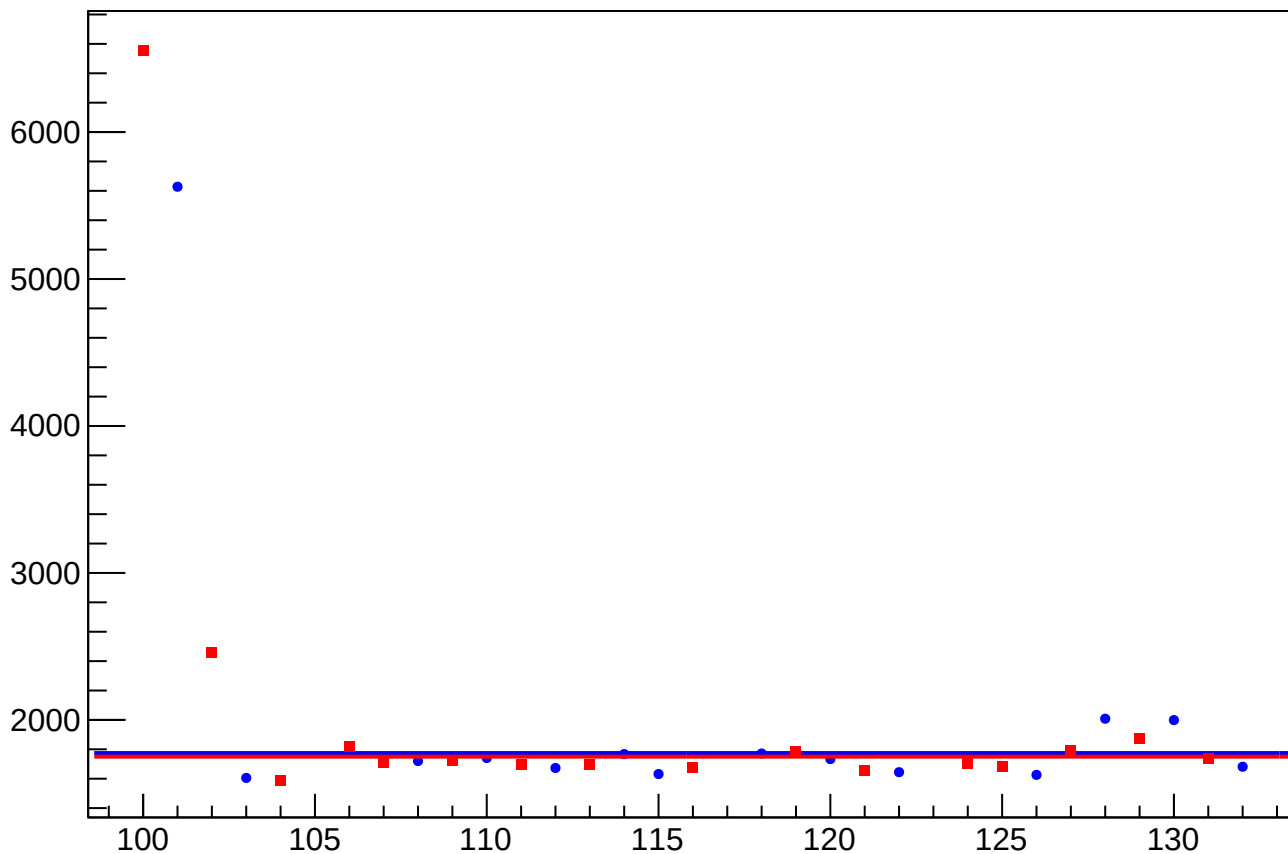
Right: 689.270+/-515.942 χ^2/NDF : 22.9/29

In: 916.759+/-748.116 χ^2/NDF : 16.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 689.270+/-515.942 χ^2/NDF : 22.9/29

asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1774.507+/-0.529 χ^2/NDF : 677110.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1750.107+/-0.504 χ^2/NDF : 174368.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

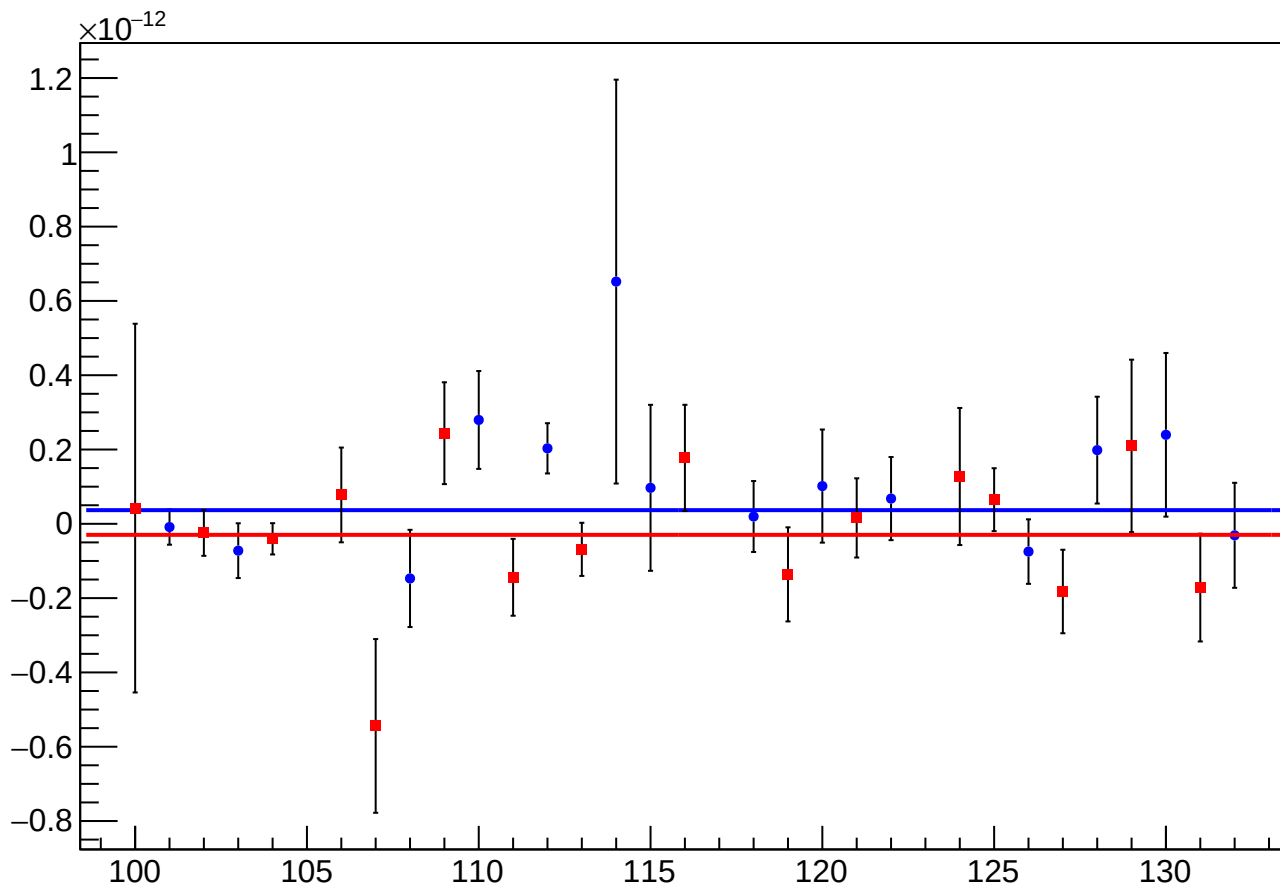
Right: 1761.712+/-0.365 χ^2/NDF : 852594.6/29

In: 1774.507+/-0.529 χ^2/NDF : 677110.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1761.712+/-0.365 χ^2/NDF : 852594.6/29

asym_usr_atr1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 20.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 20.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

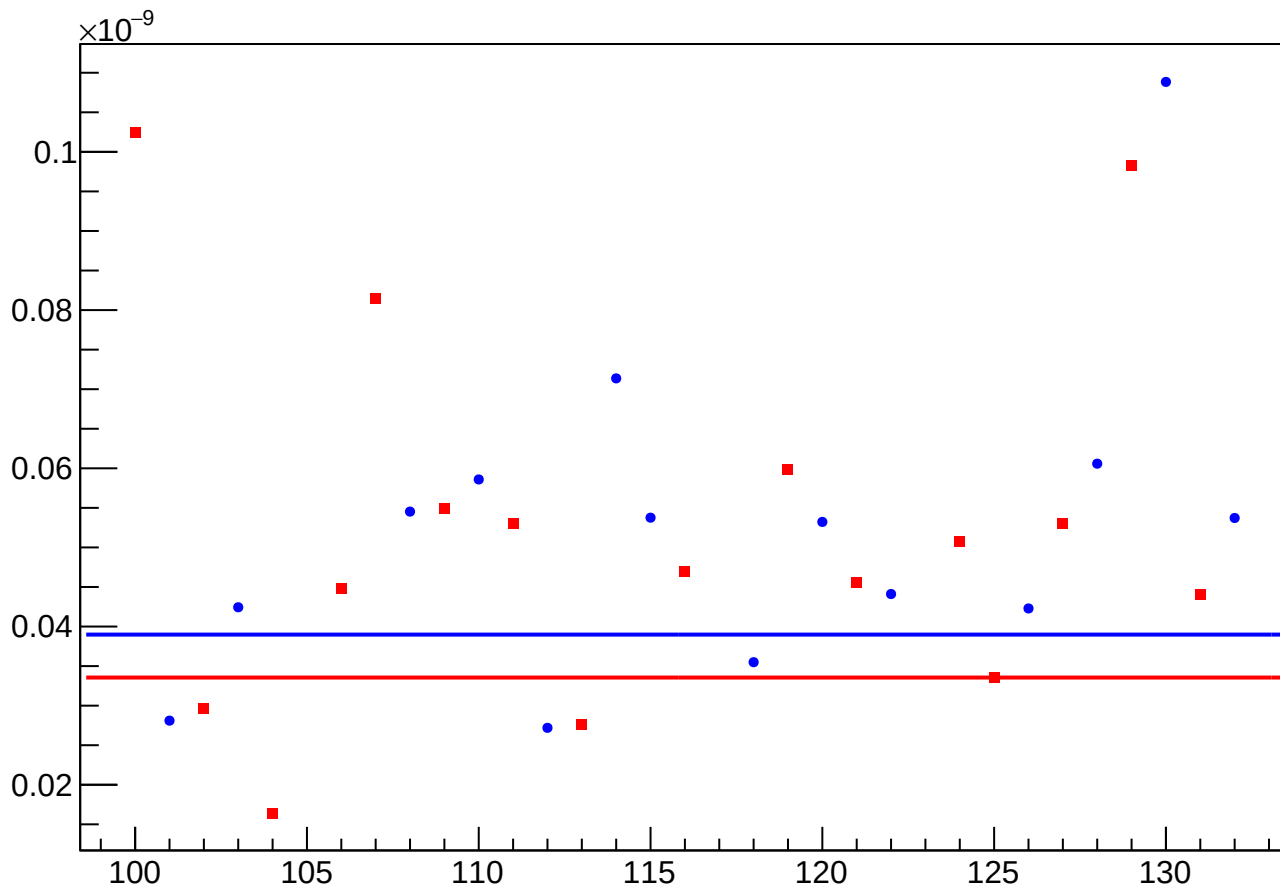
Right: 0.000+/-0.000 χ^2/NDF : 43.7/29

In: 0.000+/-0.000 χ^2/NDF : 20.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 43.7/29

asym_usr_atr1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 553444.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 985532.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

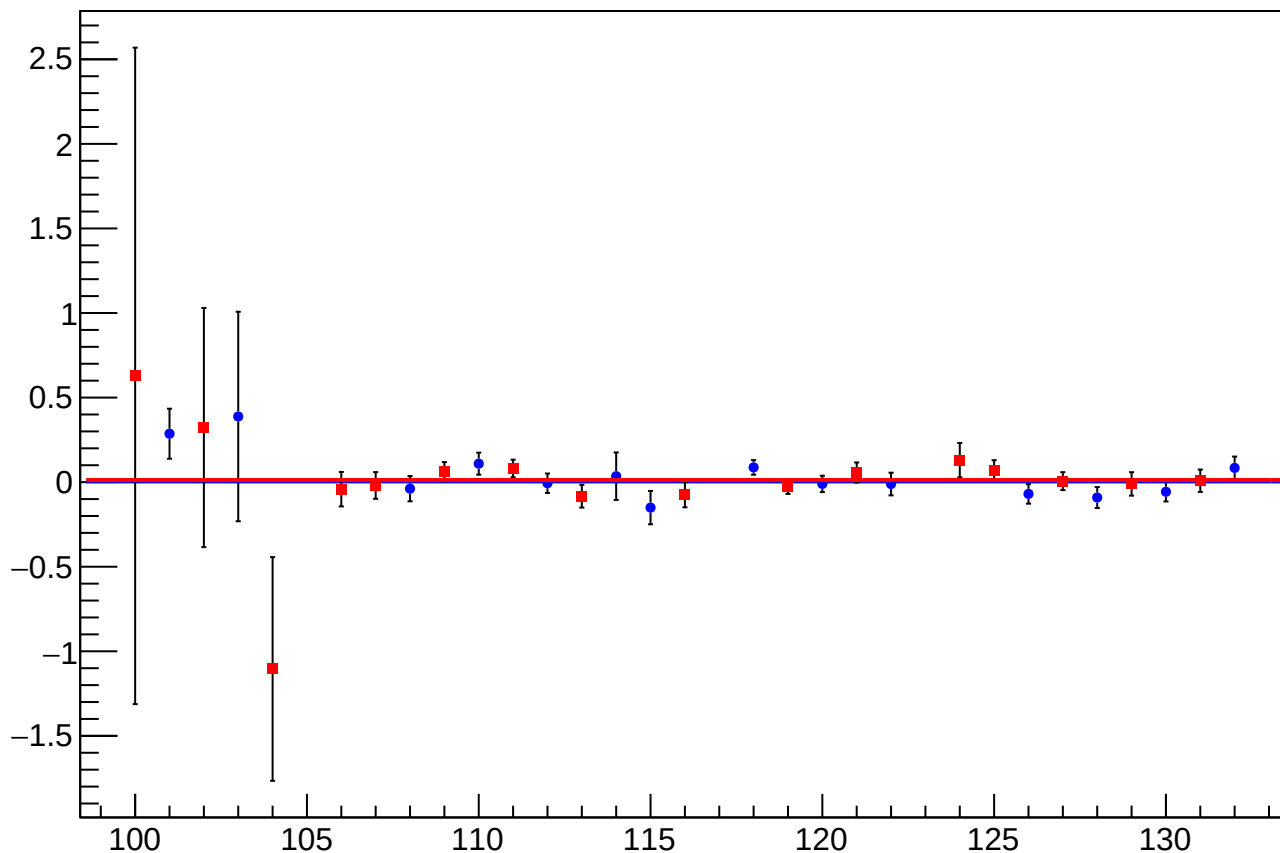
Right: 0.000+/-0.000 χ^2/NDF : 1586231.0/29

In: 0.000+/-0.000 χ^2/NDF : 553444.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1586231.0/29

asym_usr_atr1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.018 χ^2/NDF : 19.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.017 χ^2/NDF : 13.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

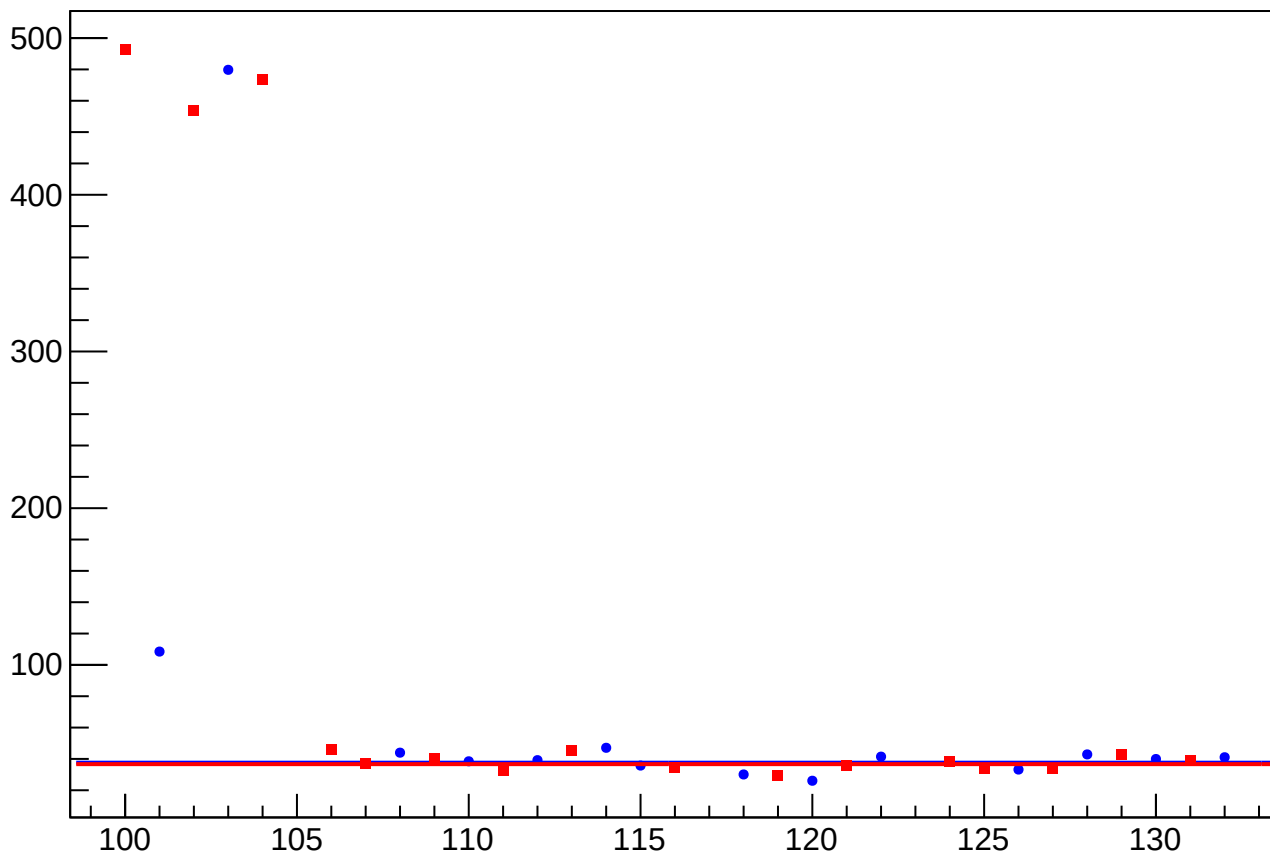
Right: 0.009+/-0.012 χ^2/NDF : 33.4/29

In: 0.004+/-0.018 χ^2/NDF : 19.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.012 χ^2/NDF : 33.4/29

asym_usr_atr1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.593+/-0.012 χ^2/NDF : 1720587.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.661+/-0.012 χ^2/NDF : 1833618.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

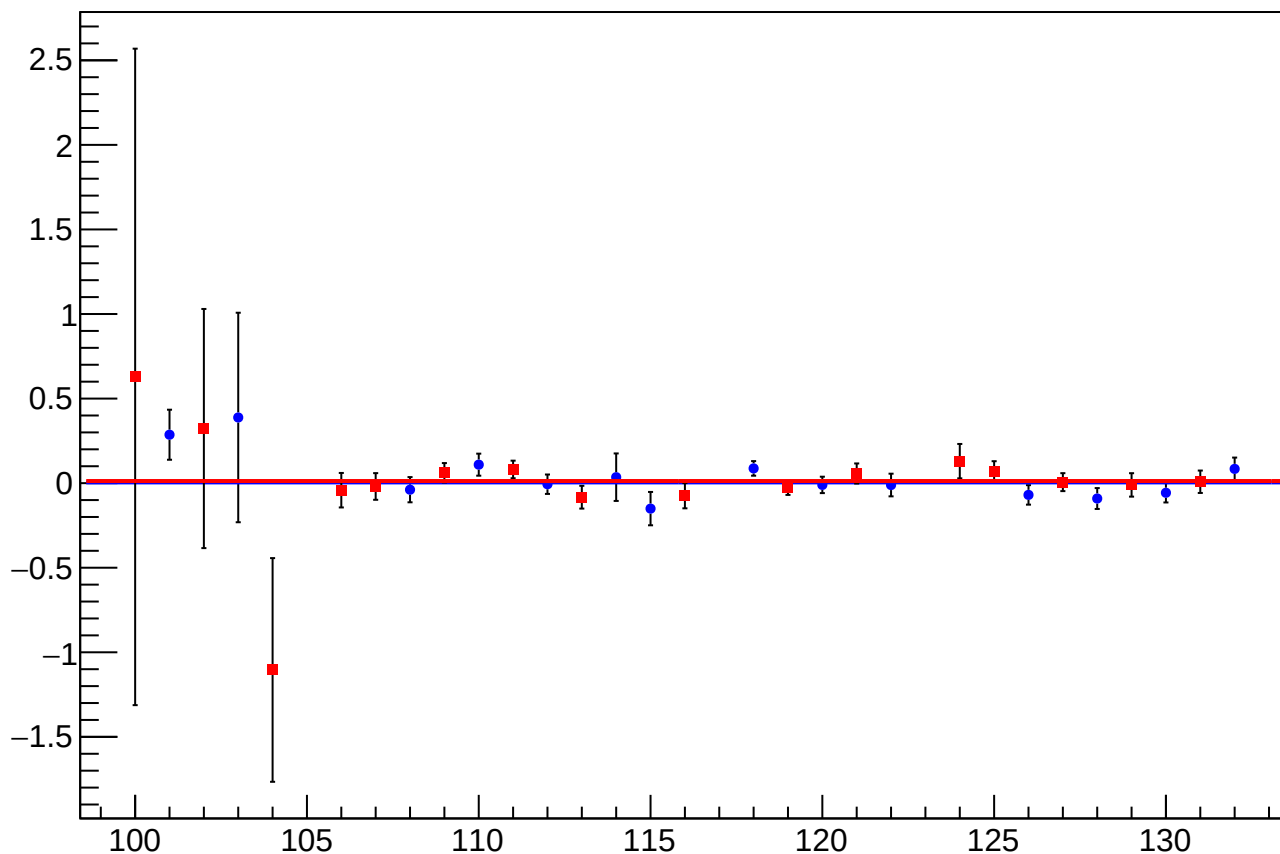
Right: 37.115+/-0.009 χ^2/NDF : 3557052.9/29

In: 37.593+/-0.012 χ^2/NDF : 1720587.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.115+/-0.009 χ^2/NDF : 3557052.9/29

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.018 χ^2/NDF : 19.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.017 χ^2/NDF : 13.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

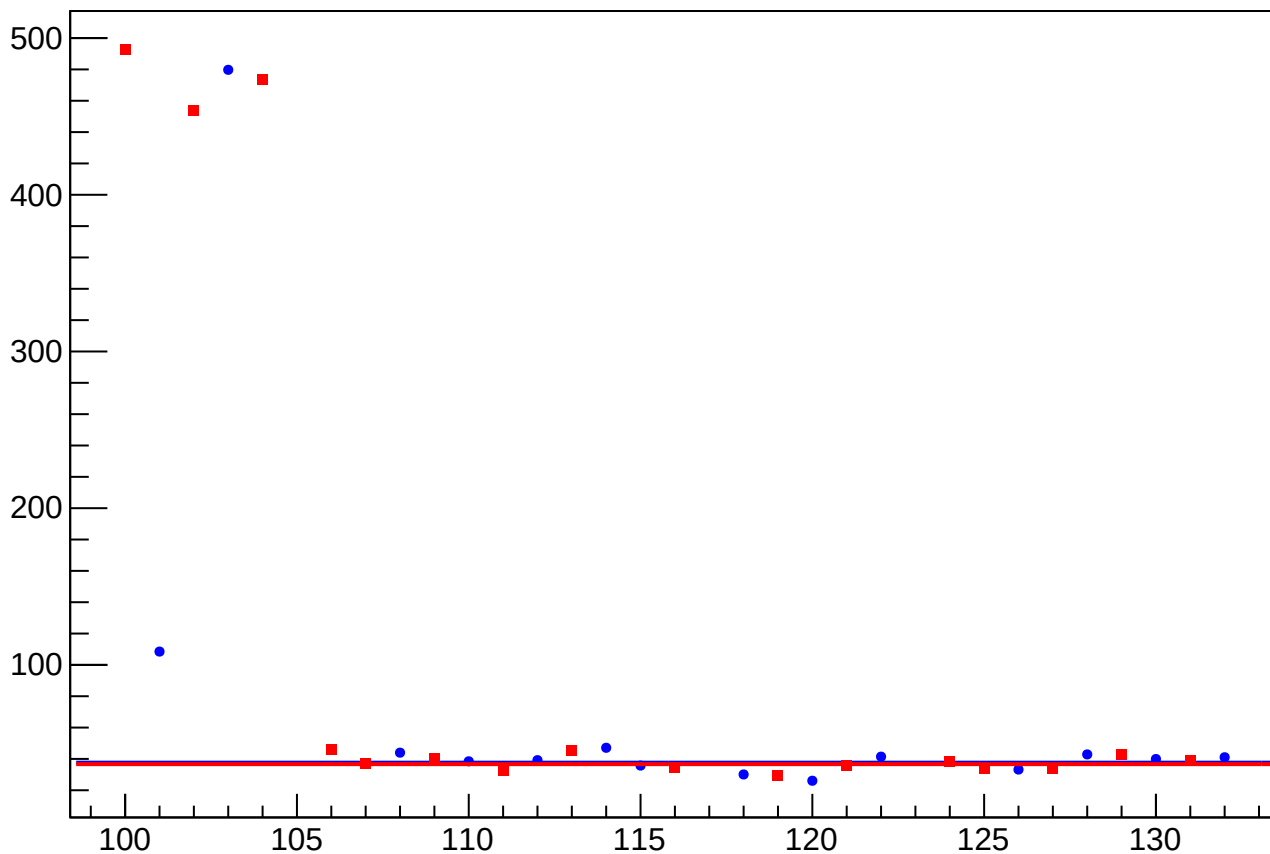
Right: 0.009+/-0.012 χ^2/NDF : 33.4/29

In: 0.004+/-0.018 χ^2/NDF : 19.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.012 χ^2/NDF : 33.4/29

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.593+/-0.012 χ^2/NDF : 1720587.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.661+/-0.012 χ^2/NDF : 1833618.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

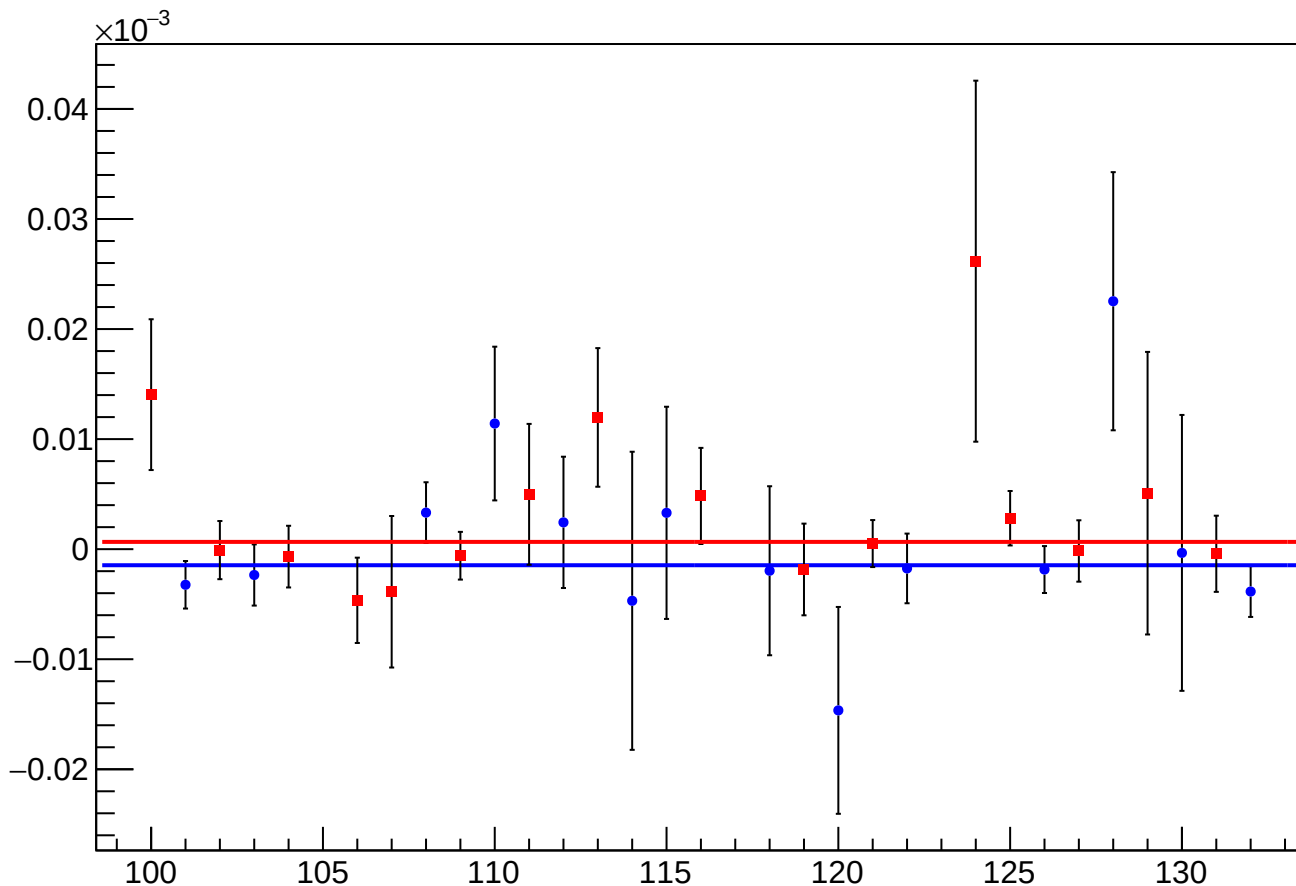
Right: 37.115+/-0.009 χ^2/NDF : 3557052.9/29

In: 37.593+/-0.012 χ^2/NDF : 1720587.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.115+/-0.009 χ^2/NDF : 3557052.9/29

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

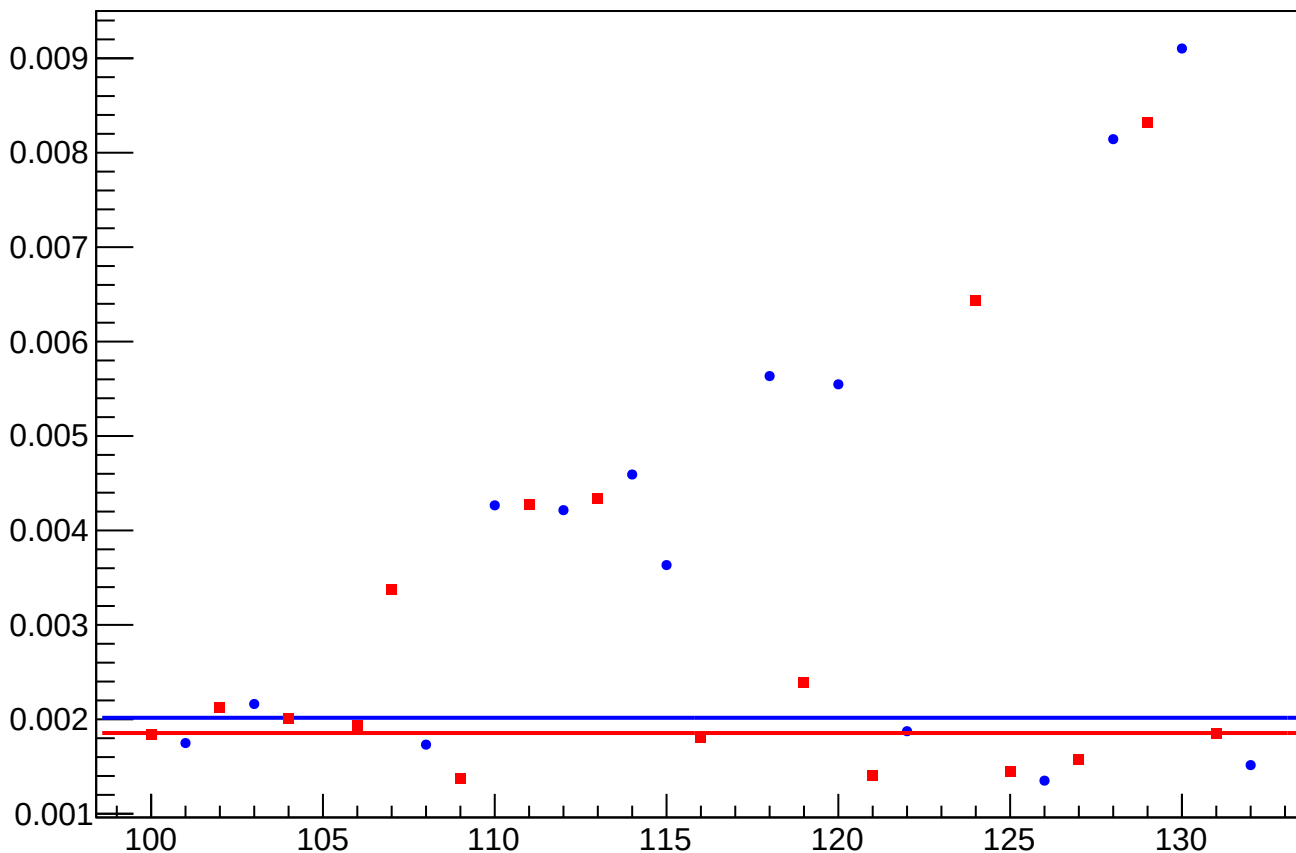
Right: -0.000+/-0.000 χ^2/NDF : 33.1/29

In: -0.000+/-0.000 χ^2/NDF : 15.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.1/29

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2870299.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1680952.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

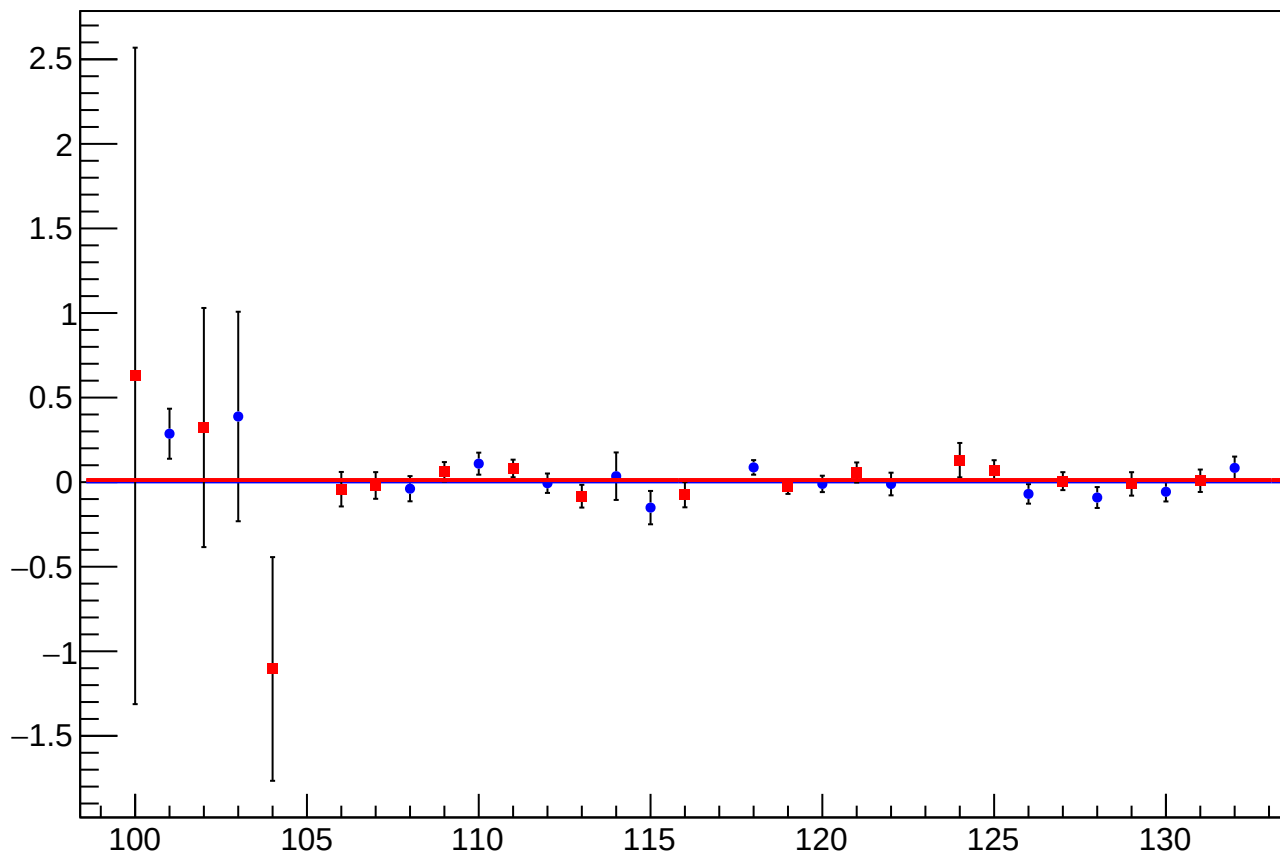
Right: 0.002+/-0.000 χ^2/NDF : 4582716.6/29

In: 0.002+/-0.000 χ^2/NDF : 2870299.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4582716.6/29

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.018 χ^2/NDF : 19.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.017 χ^2/NDF : 13.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

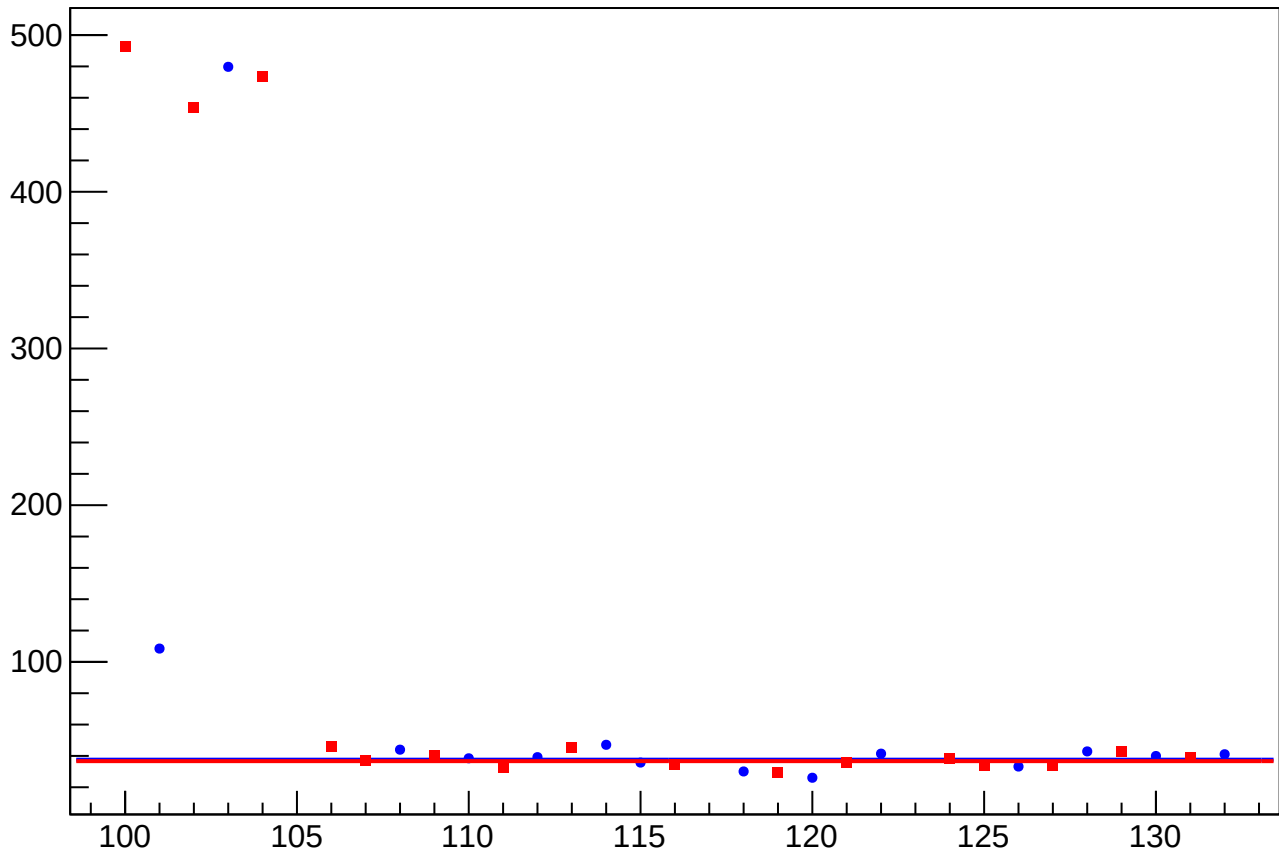
Right: 0.009+/-0.012 χ^2/NDF : 33.4/29

In: 0.004+/-0.018 χ^2/NDF : 19.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.012 χ^2/NDF : 33.4/29

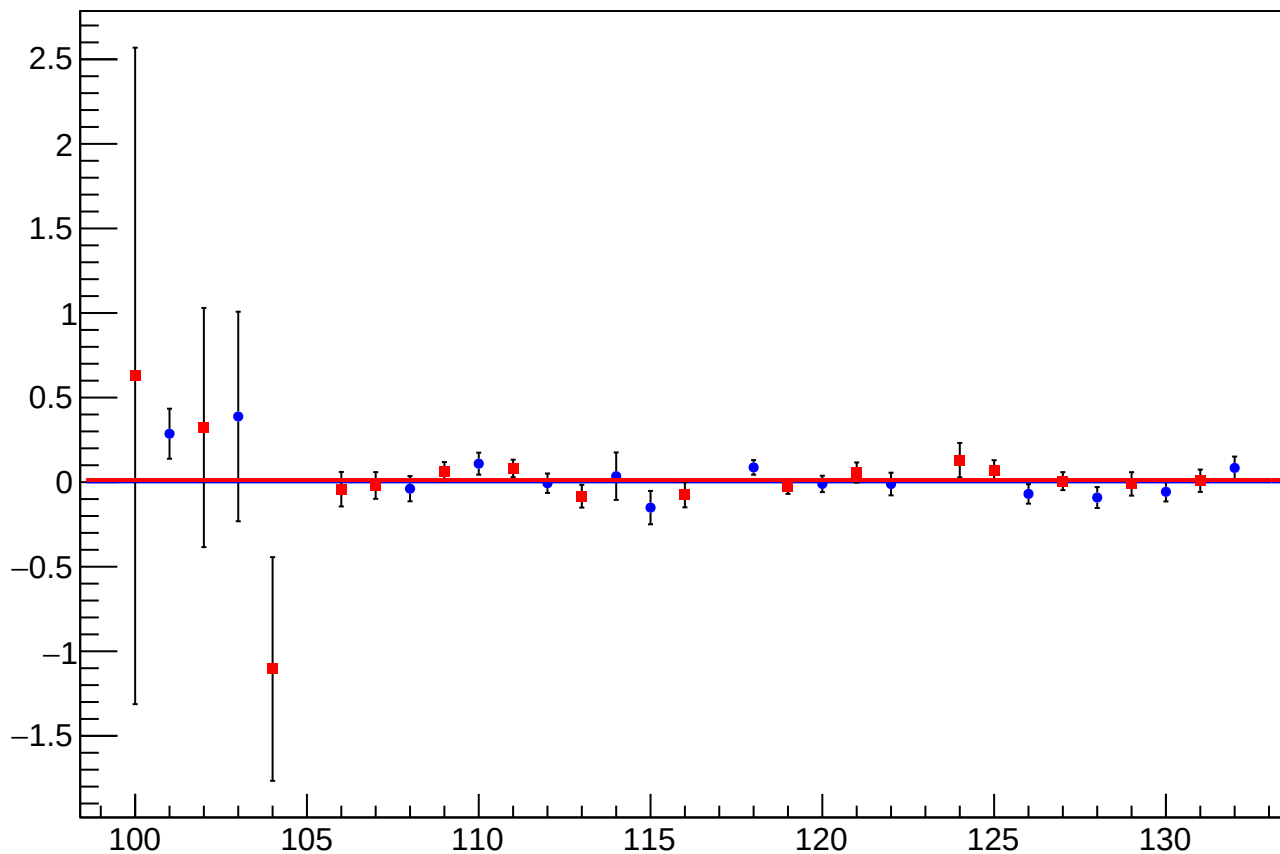
asym_usr_atr1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.592+/-0.012 χ^2/NDF : 1720593.6/13
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 36.660+/-0.012 χ^2/NDF : 1833672.7/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 37.114+/-0.009 χ^2/NDF : 3557118.2/29
 In: 37.592+/-0.012 χ^2/NDF : 1720593.6/13
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 37.114+/-0.009 χ^2/NDF : 3557118.2/29

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.018 χ^2/NDF : 19.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.017 χ^2/NDF : 13.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

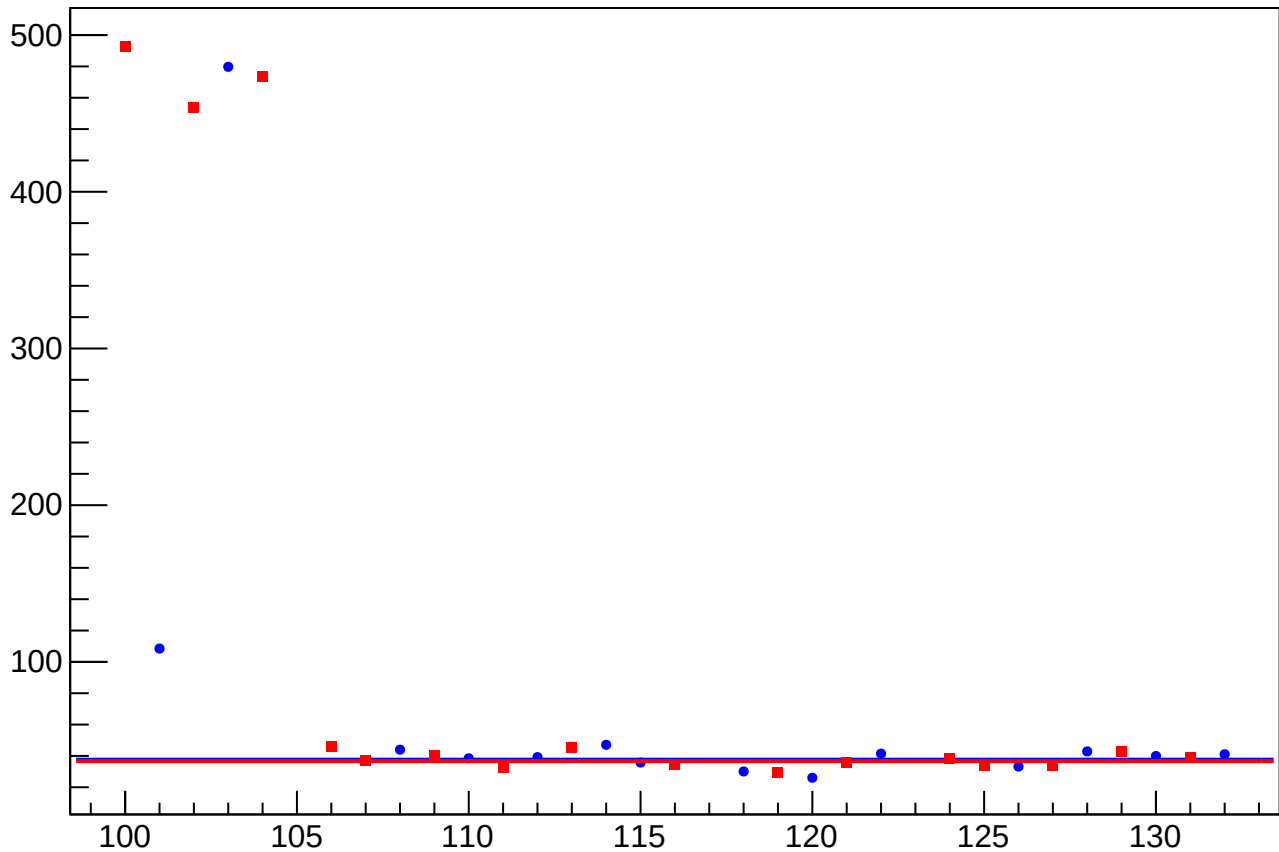
Right: 0.009+/-0.012 χ^2/NDF : 33.4/29

In: 0.004+/-0.018 χ^2/NDF : 19.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.012 χ^2/NDF : 33.4/29

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.592+/-0.012 χ^2/NDF : 1720593.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.660+/-0.012 χ^2/NDF : 1833672.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

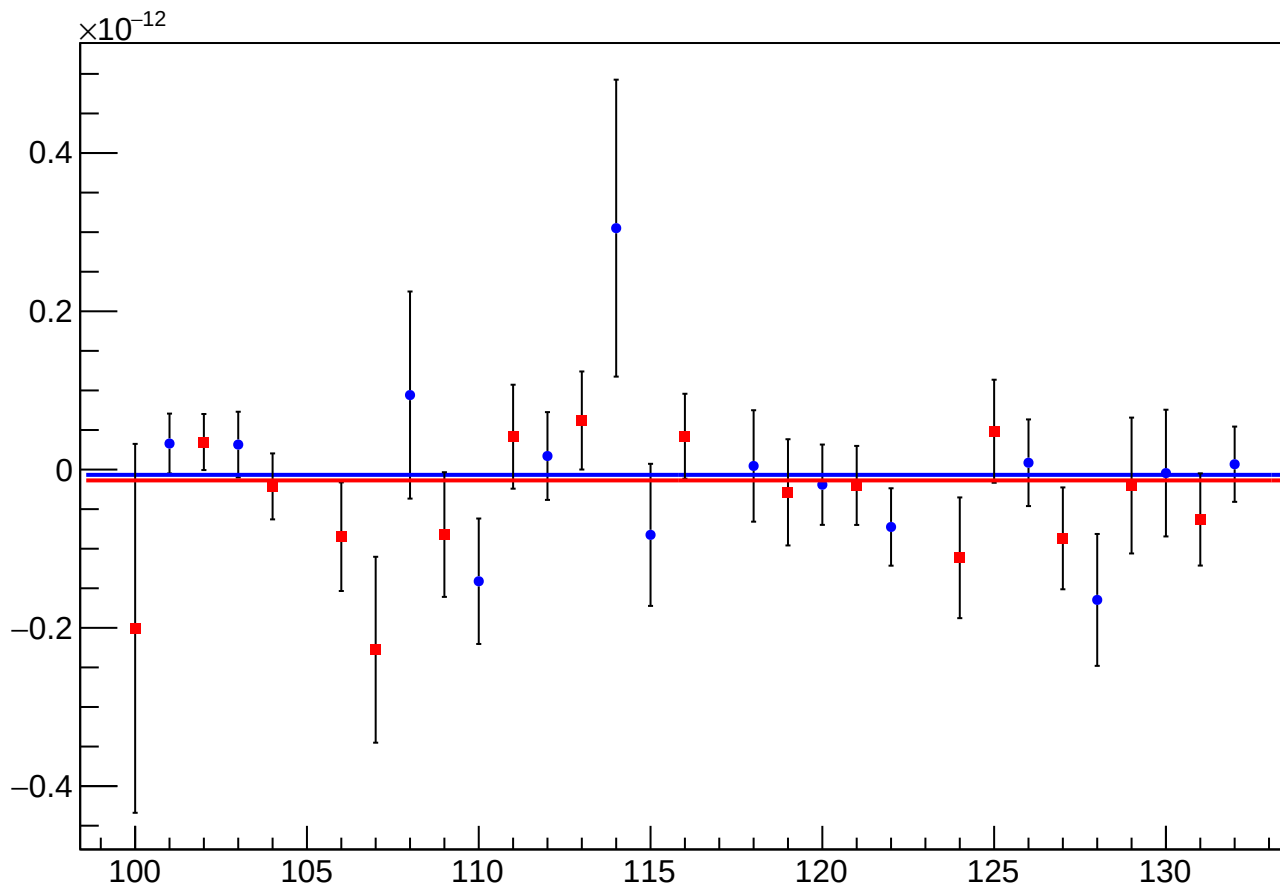
Right: 37.114+/-0.009 χ^2/NDF : 3557118.2/29

In: 37.592+/-0.012 χ^2/NDF : 1720593.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.114+/-0.009 χ^2/NDF : 3557118.2/29

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 14.7/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 15.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

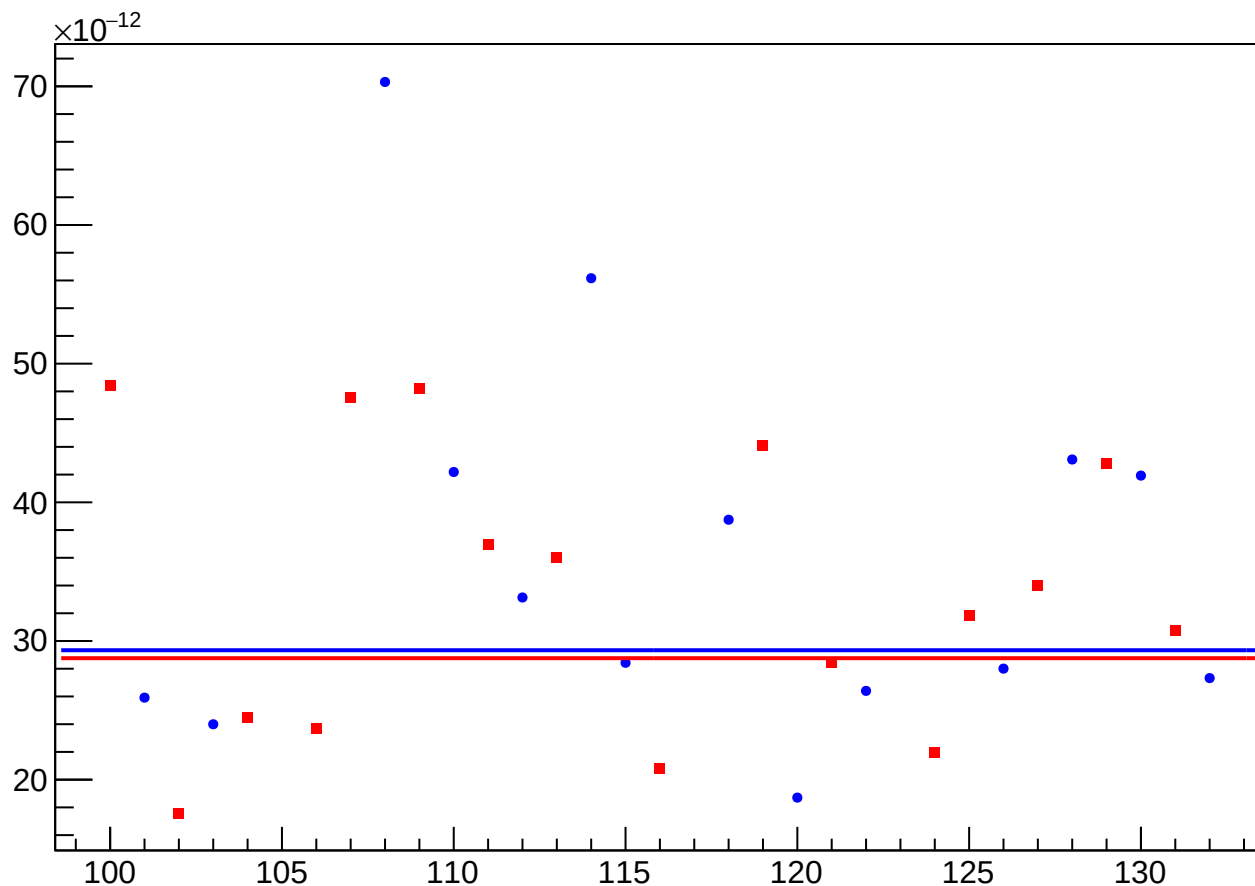
Right: -0.000 ± 0.000 χ^2/NDF : 30.4/29

In: -0.000 ± 0.000 χ^2/NDF : 14.7/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 30.4/29

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 588000.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 716745.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

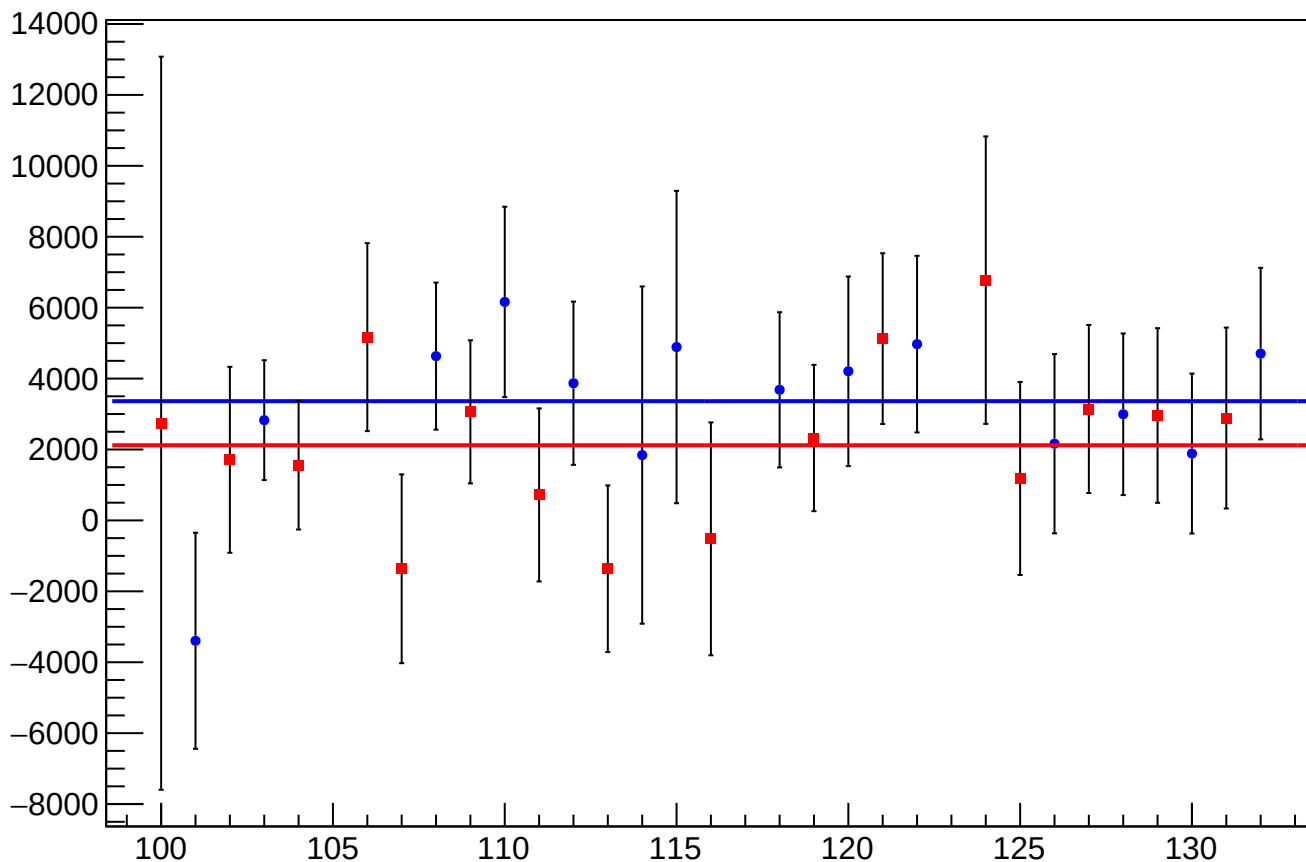
Right: 0.000+/-0.000 χ^2/NDF : 1306136.8/29

In: 0.000+/-0.000 χ^2/NDF : 588000.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1306136.8/29

reg_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3362.738+/-653.712 χ^2/NDF : 8.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2119.726+/-628.821 χ^2/NDF : 9.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

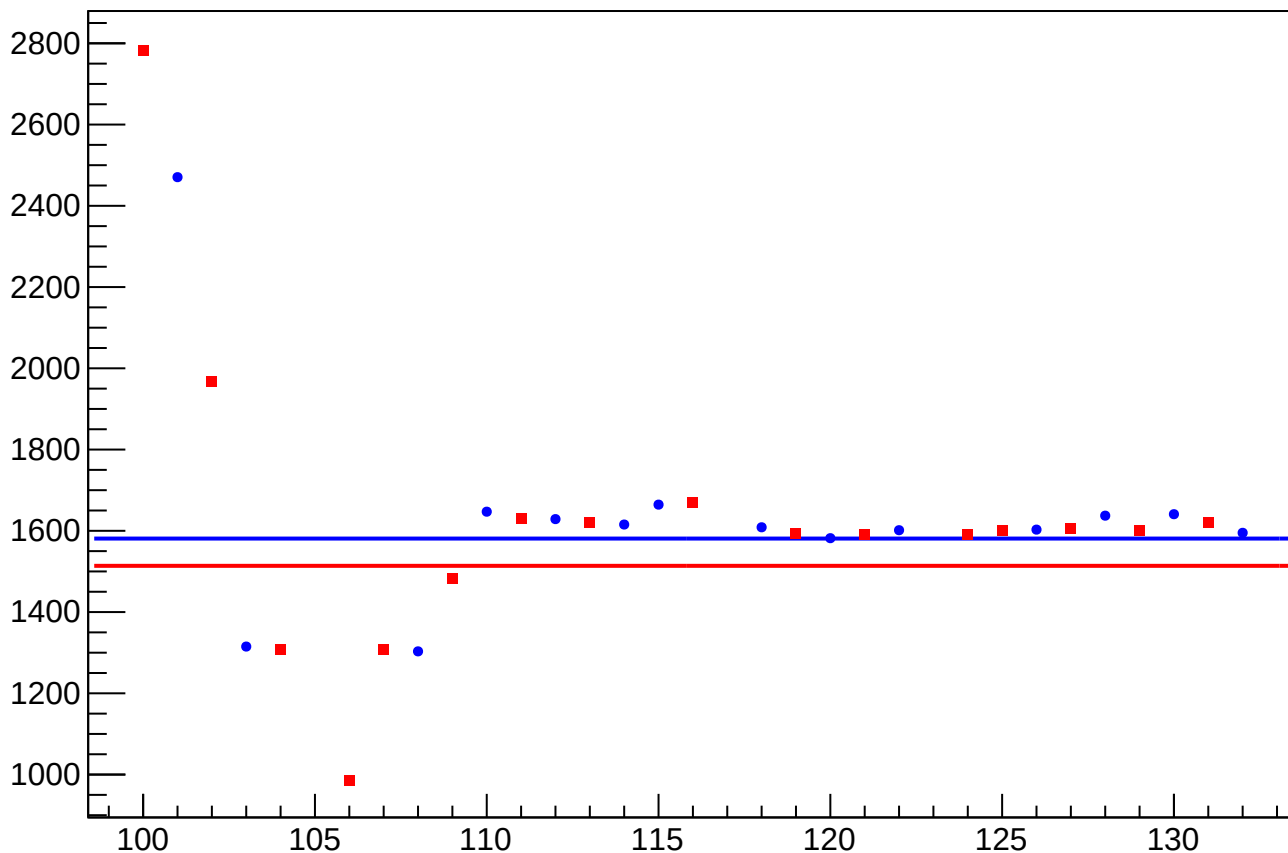
Right: 2717.118+/-453.188 χ^2/NDF : 20.1/29

In: 3362.738+/-653.712 χ^2/NDF : 8.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2717.118+/-453.188 χ^2/NDF : 20.1/29

reg_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1580.931+/-0.462 χ^2/NDF : 262060.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1513.804+/-0.436 χ^2/NDF : 292521.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

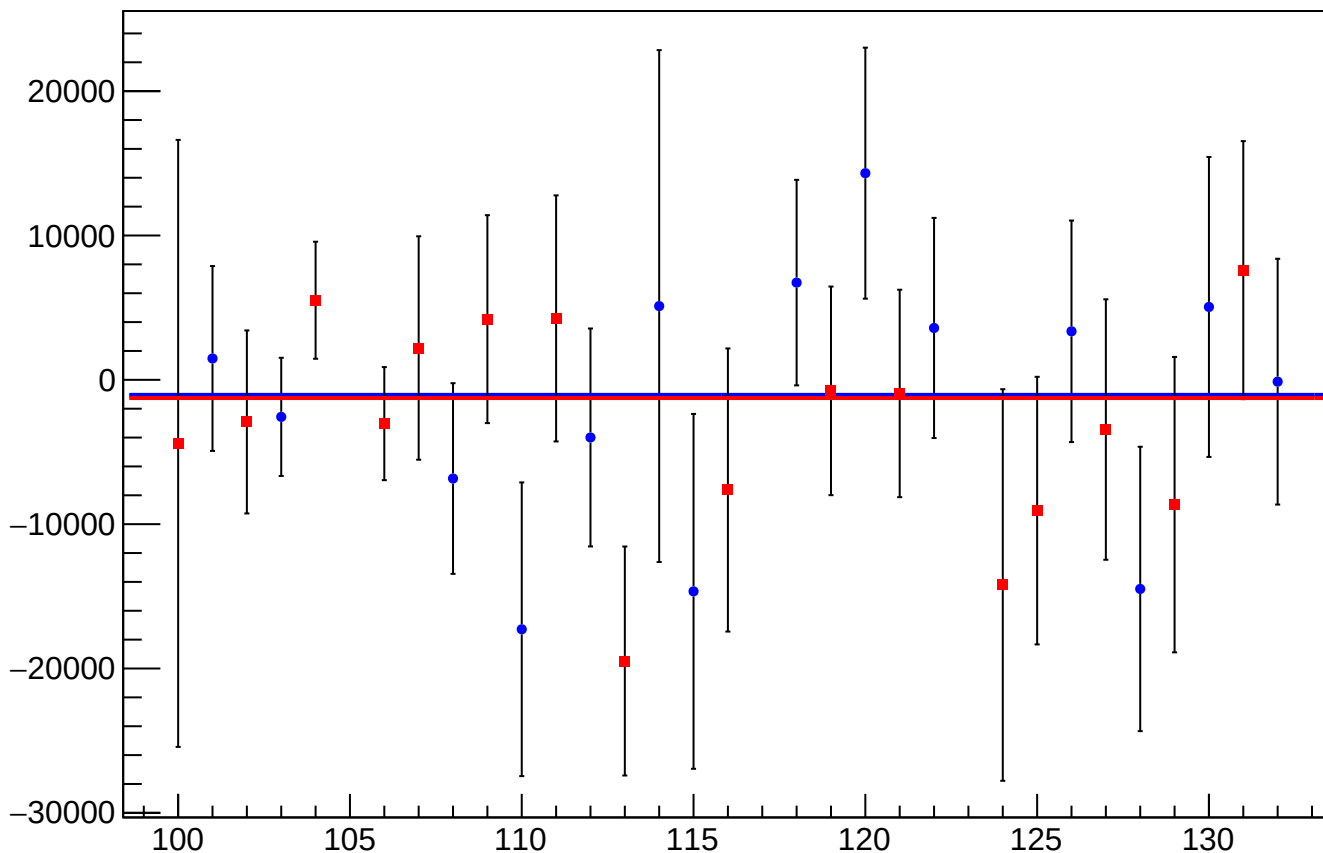
Right: 1545.422+/-0.317 χ^2/NDF : 565738.1/29

In: 1580.931+/-0.462 χ^2/NDF : 262060.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1545.422+/-0.317 χ^2/NDF : 565738.1/29

asym_usr_atr2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1041.680+/-2022.417 χ^2/NDF : 12.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1262.318+/-1770.246 χ^2/NDF : 13.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

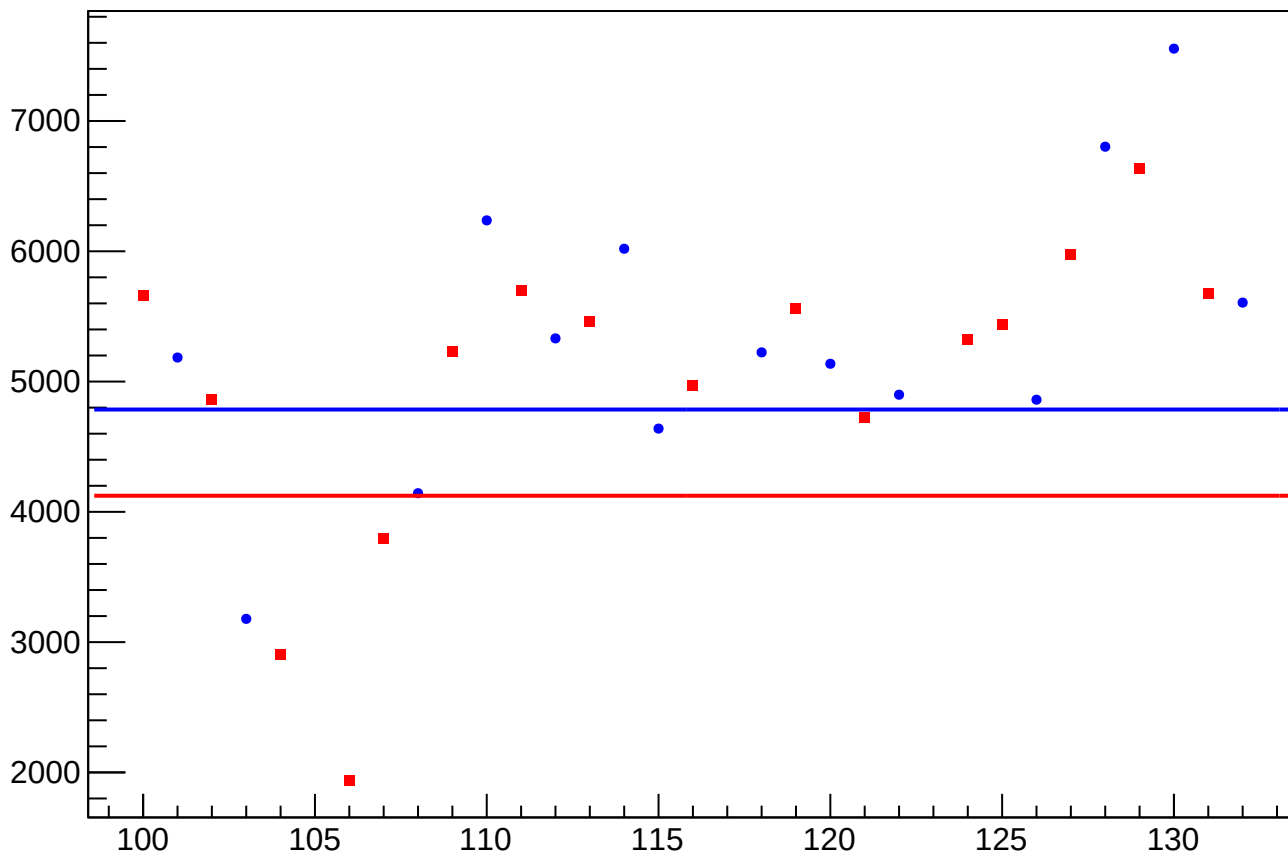
Right: -1166.604+/-1332.040 χ^2/NDF : 25.5/29

In: -1041.680+/-2022.417 χ^2/NDF : 12.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1166.604+/-1332.040 χ^2/NDF : 25.5/29

asym_usr_atr2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 4785.343+/-1.430 χ^2/NDF : 652005.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4123.755+/-1.252 χ^2/NDF : 1445287.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

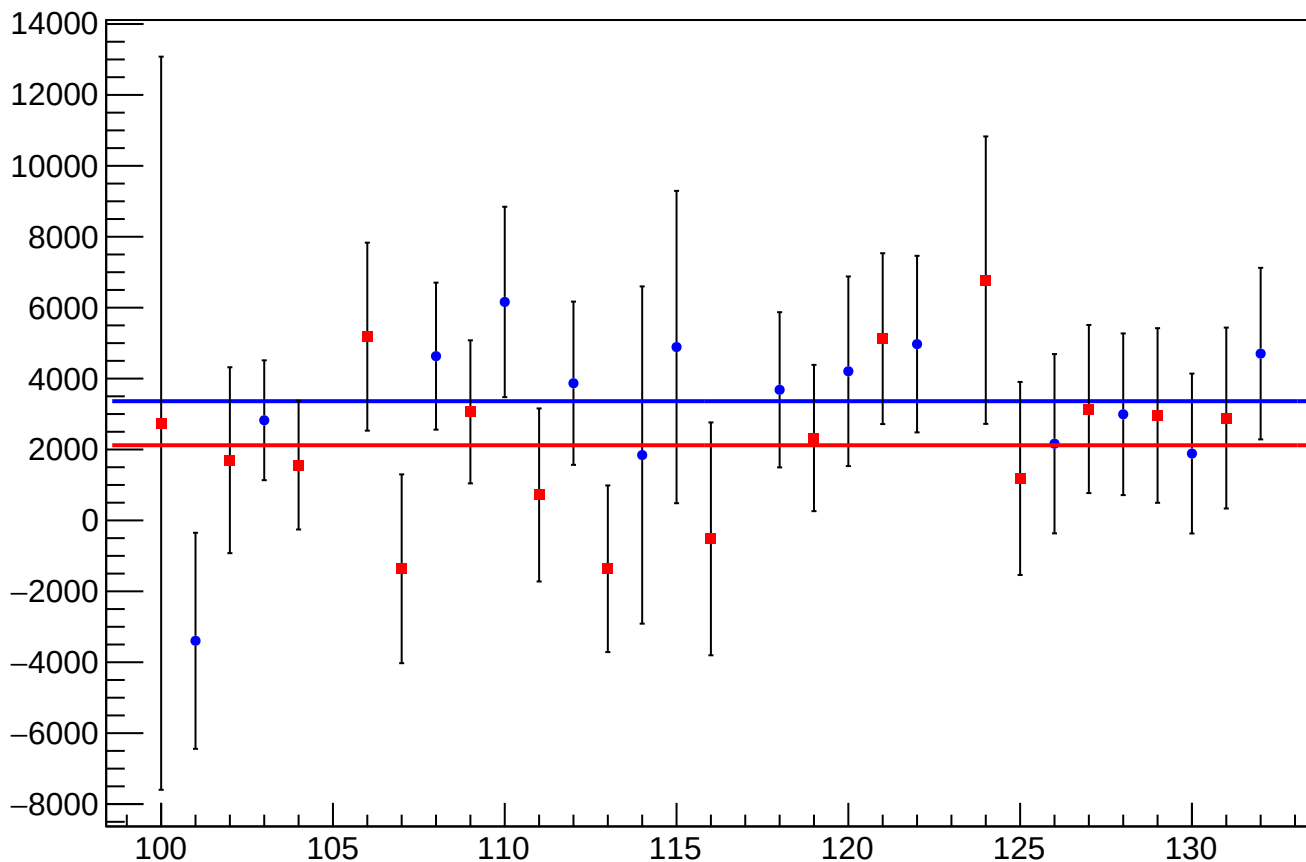
Right: 4410.755+/-0.942 χ^2/NDF : 2218473.2/29

In: 4785.343+/-1.430 χ^2/NDF : 652005.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4410.755+/-0.942 χ^2/NDF : 2218473.2/29

cor_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3362.325+/-653.712 χ^2/NDF : 8.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2119.807+/-628.825 χ^2/NDF : 10.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

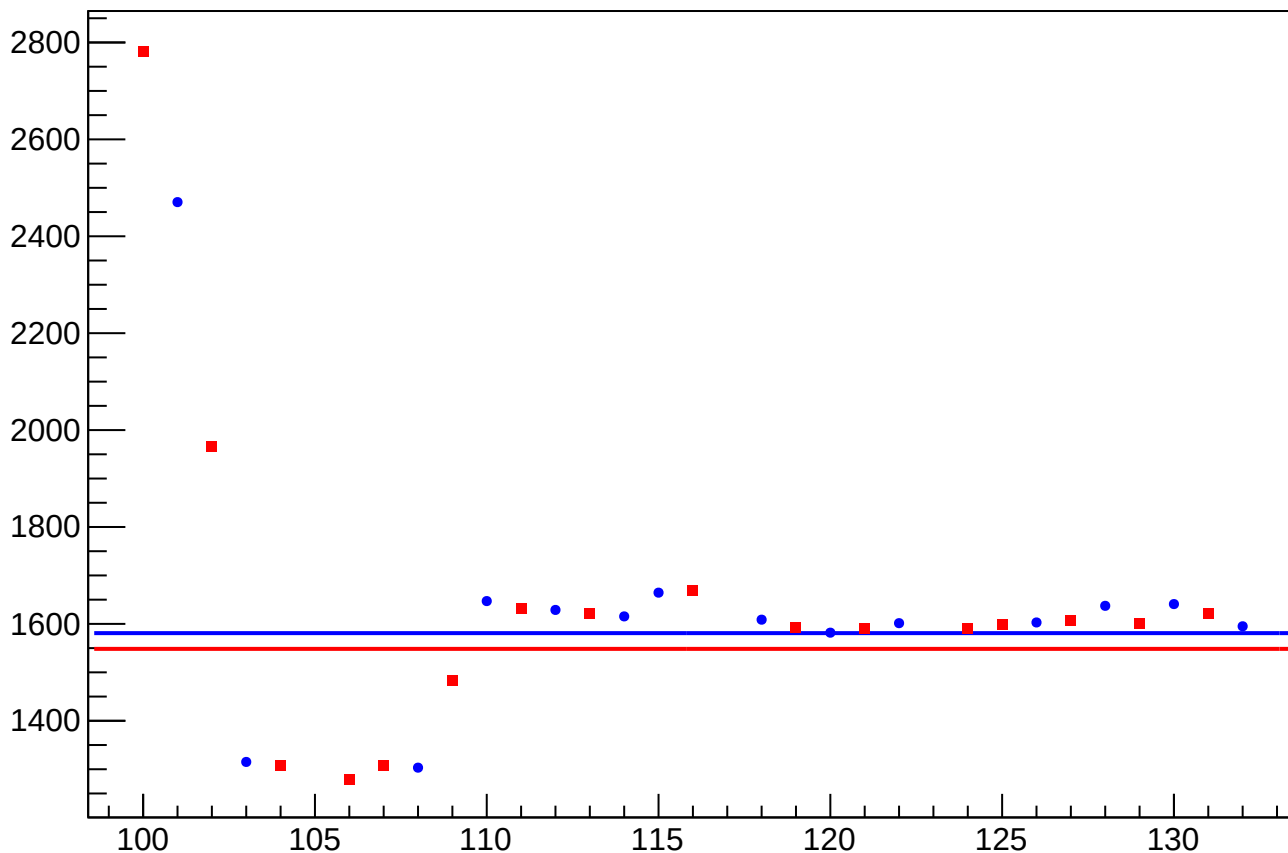
Right: 2716.965+/-453.189 χ^2/NDF : 20.1/29

In: 3362.325+/-653.712 χ^2/NDF : 8.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2716.965+/-453.189 χ^2/NDF : 20.1/29

cor_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1580.932+/-0.462 χ^2/NDF : 262059.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1548.443+/-0.443 χ^2/NDF : 170355.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

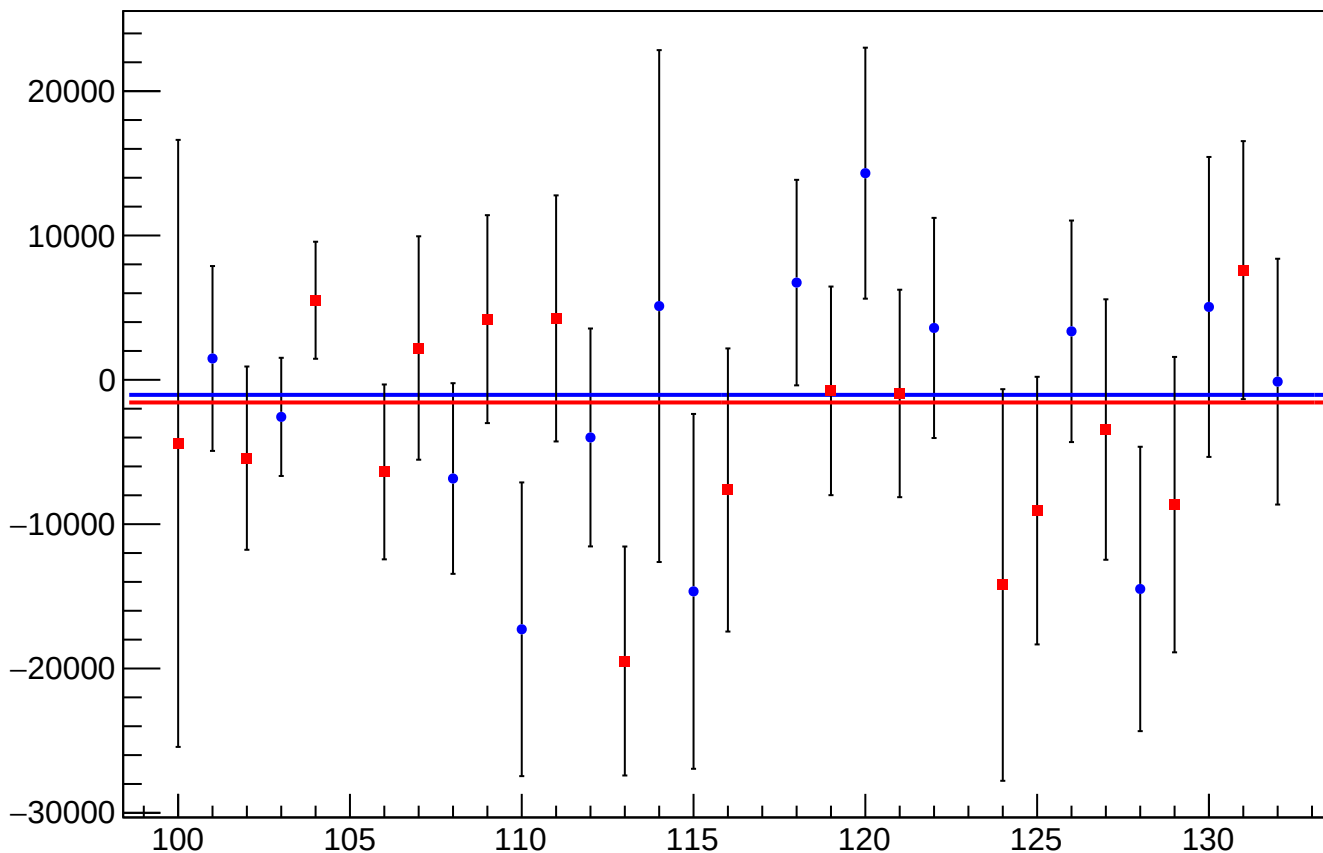
Right: 1563.984+/-0.320 χ^2/NDF : 434991.8/29

In: 1580.932+/-0.462 χ^2/NDF : 262059.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1563.984+/-0.320 χ^2/NDF : 434991.8/29

asym_usr_atr2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1041.951+/-2022.467 χ^2/NDF : 12.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1568.592+/-1886.140 χ^2/NDF : 14.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

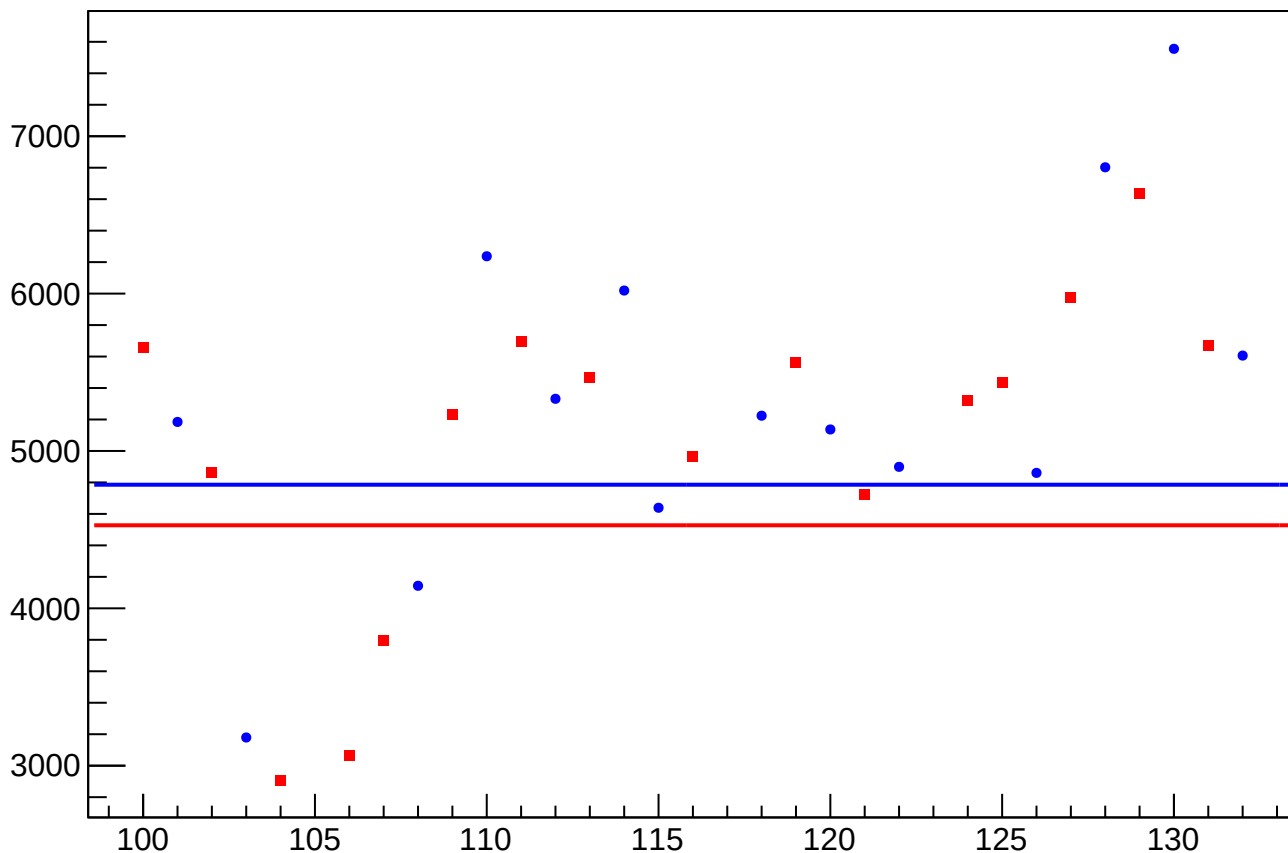
Right: -1323.618+/-1379.382 χ^2/NDF : 26.4/29

In: -1041.951+/-2022.467 χ^2/NDF : 12.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1323.618+/-1379.382 χ^2/NDF : 26.4/29

asym_usr_atr2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 4785.508+/-1.430 χ^2/NDF : 651812.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4527.715+/-1.334 χ^2/NDF : 791841.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

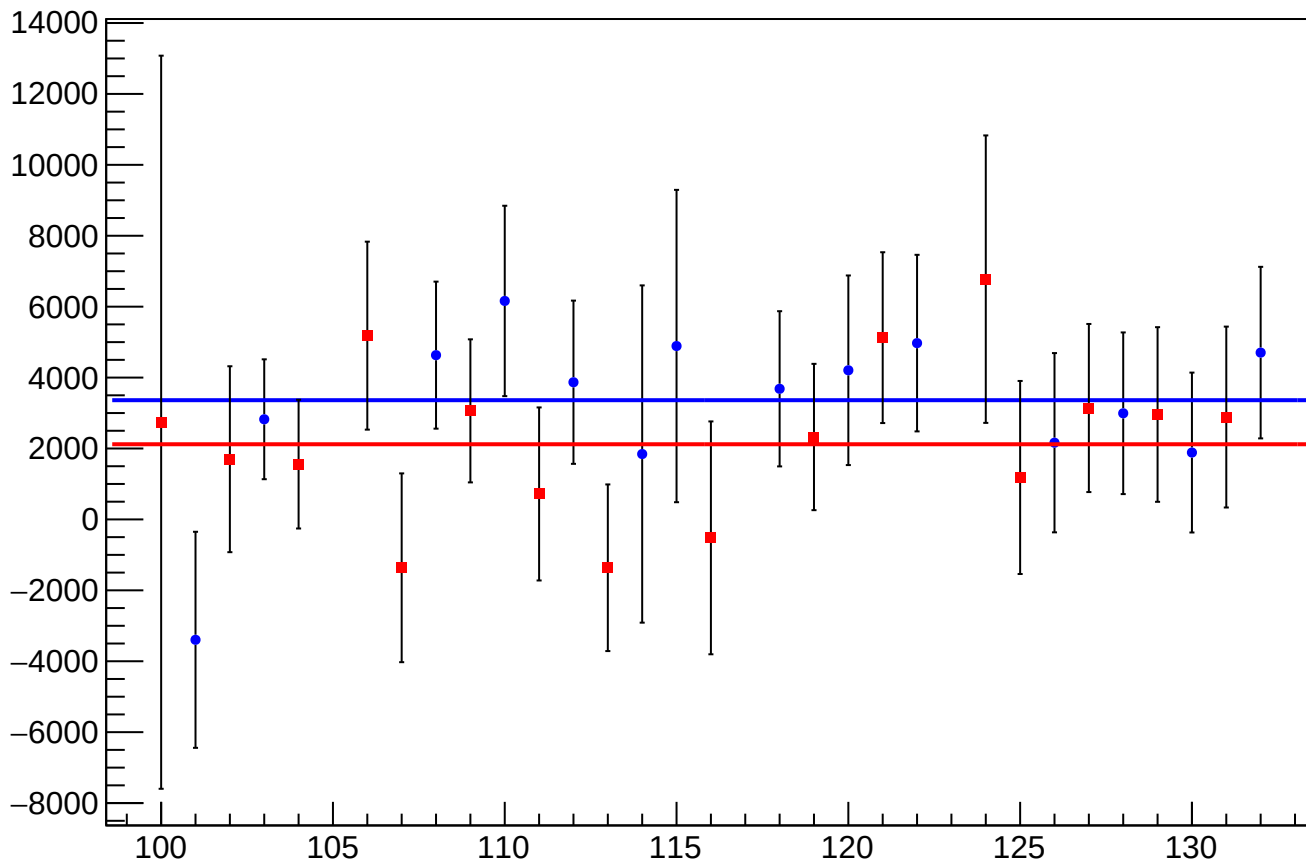
Right: 4647.631+/-0.975 χ^2/NDF : 1461033.1/29

In: 4785.508+/-1.430 χ^2/NDF : 651812.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4647.631+/-0.975 χ^2/NDF : 1461033.1/29

eigen_cor_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3362.325+/-653.712 χ^2/NDF : 8.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2119.807+/-628.825 χ^2/NDF : 10.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

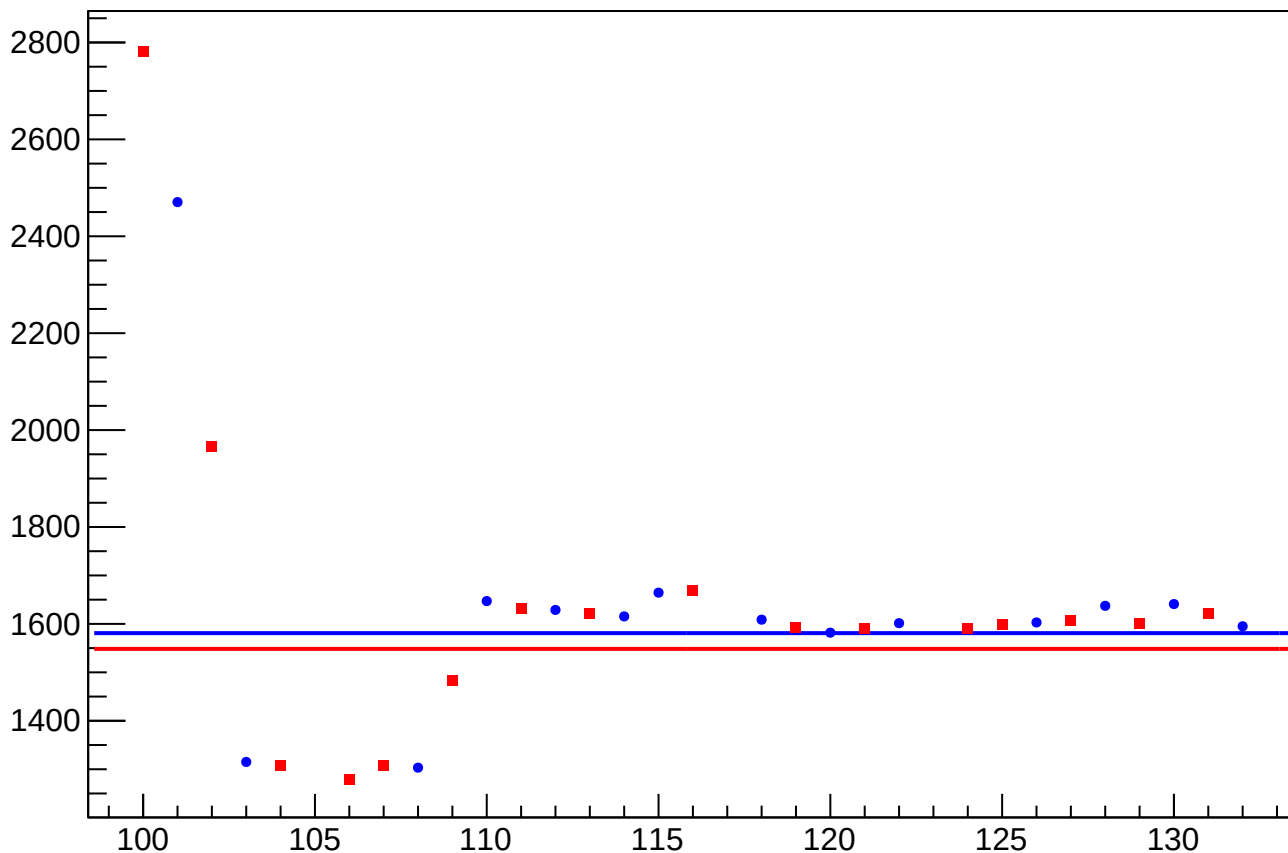
Right: 2716.965+/-453.189 χ^2/NDF : 20.1/29

In: 3362.325+/-653.712 χ^2/NDF : 8.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2716.965+/-453.189 χ^2/NDF : 20.1/29

eigen_cor_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1580.932+/-0.462 χ^2/NDF : 262059.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1548.443+/-0.443 χ^2/NDF : 170355.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

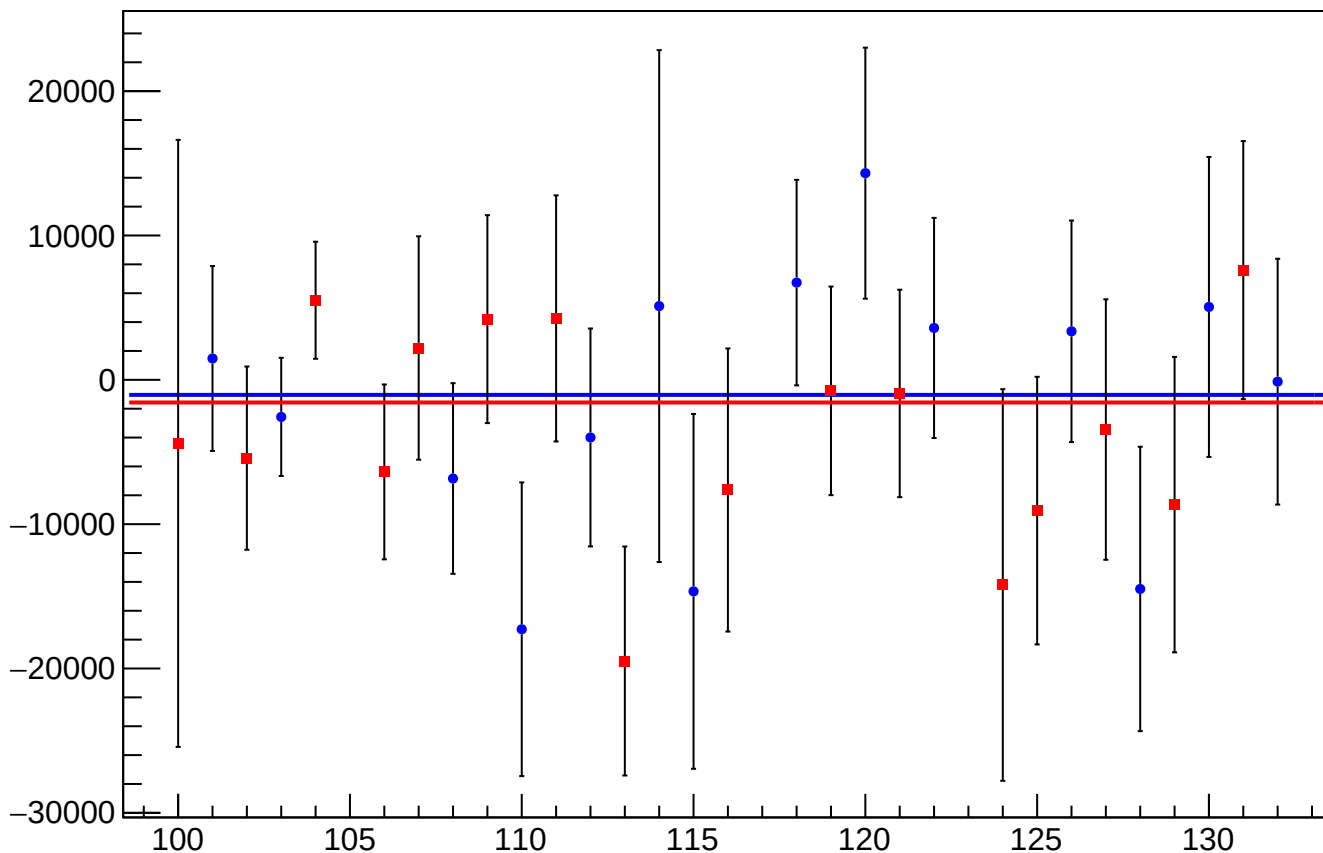
Right: 1563.984+/-0.320 χ^2/NDF : 434991.8/29

In: 1580.932+/-0.462 χ^2/NDF : 262059.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1563.984+/-0.320 χ^2/NDF : 434991.8/29

asym_usr_atr2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1041.951+/-2022.467 χ^2/NDF : 12.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1568.592+/-1886.140 χ^2/NDF : 14.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

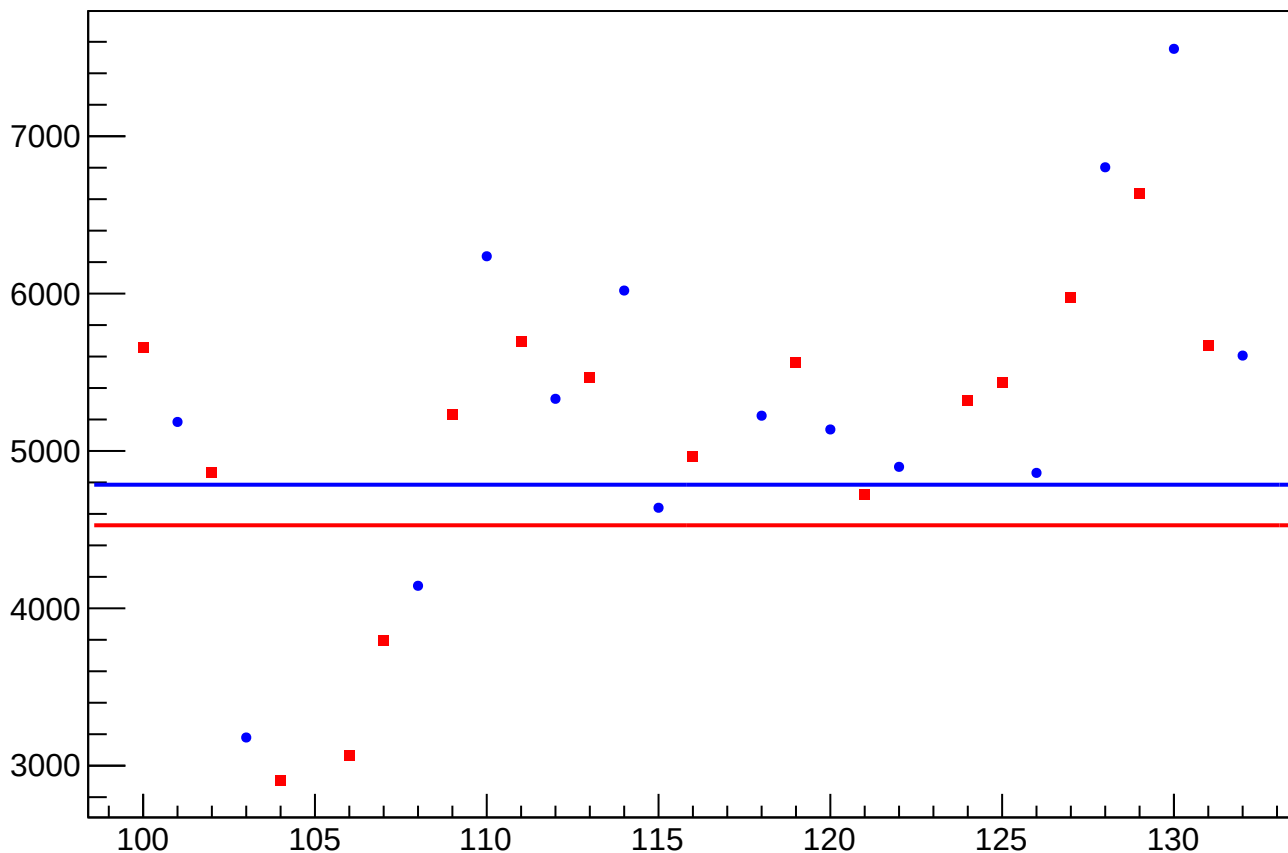
Right: -1323.618+/-1379.382 χ^2/NDF : 26.4/29

In: -1041.951+/-2022.467 χ^2/NDF : 12.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1323.618+/-1379.382 χ^2/NDF : 26.4/29

asym_usr_atr2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4785.508+/-1.430 χ^2/NDF : 651812.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4527.715+/-1.334 χ^2/NDF : 791841.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

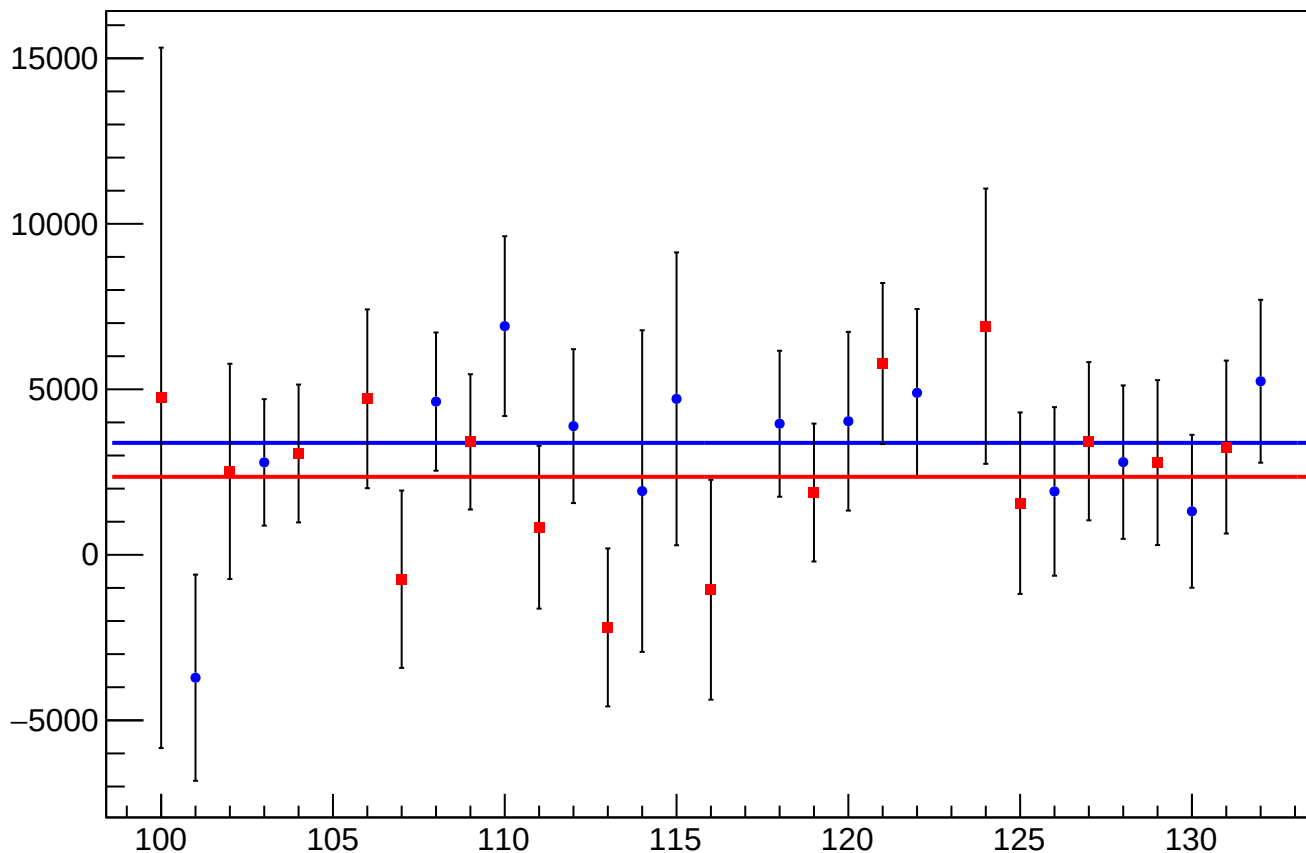
Right: 4647.631+/-0.975 χ^2/NDF : 1461033.1/29

In: 4785.508+/-1.430 χ^2/NDF : 651812.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4647.631+/-0.975 χ^2/NDF : 1461033.1/29

dit_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3382.401 $\pm$ 672.302 χ^2 /NDF: 9.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2356.405 $\pm$ 651.684 χ^2 /NDF: 11.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

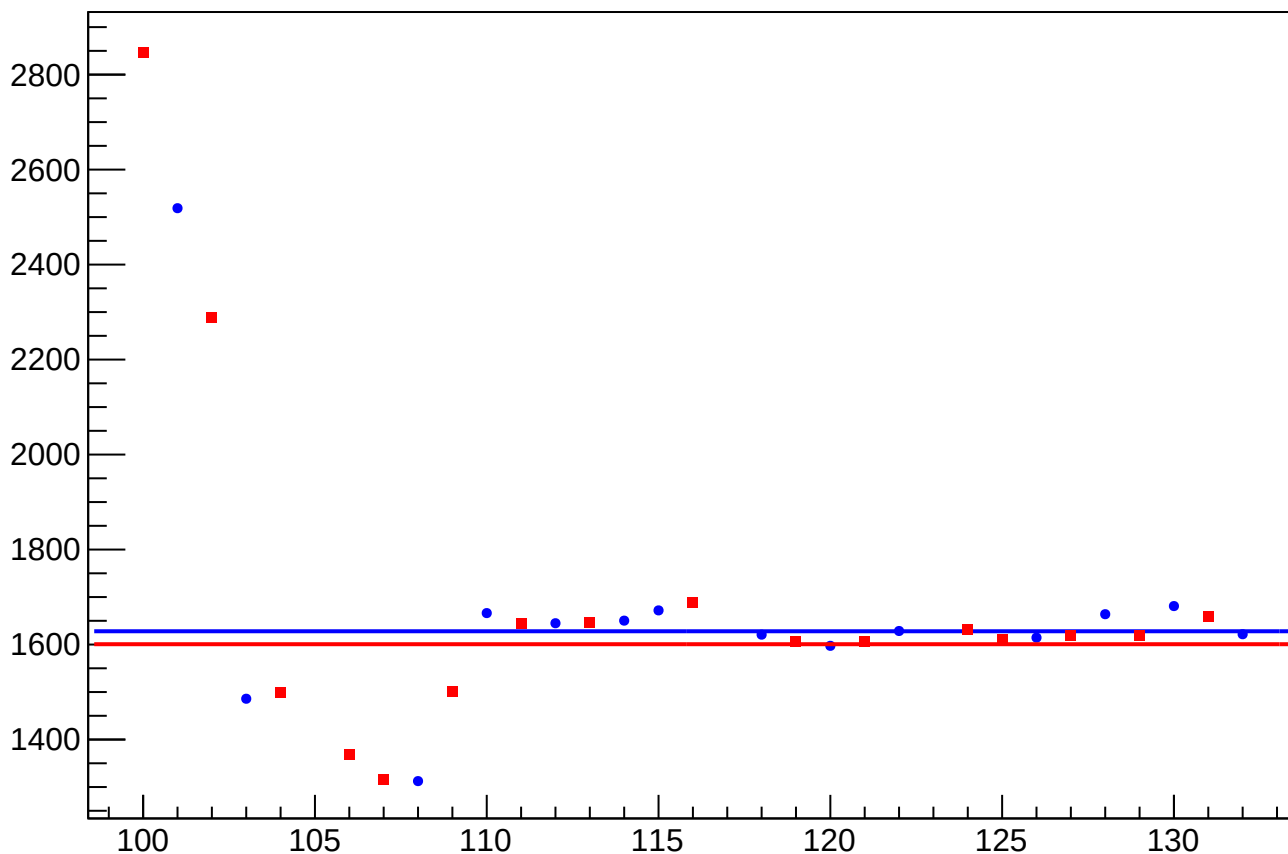
Right: 2853.429 $\pm$ 467.930 χ^2 /NDF: 22.3/29

In: 3382.401 $\pm$ 672.302 χ^2 /NDF:9.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2853.429 $\pm$ 467.930 χ^2 /NDF: 22.3/29

dit_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1627.983+/-0.475 χ^2/NDF : 222955.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1600.715+/-0.460 χ^2/NDF : 168718.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

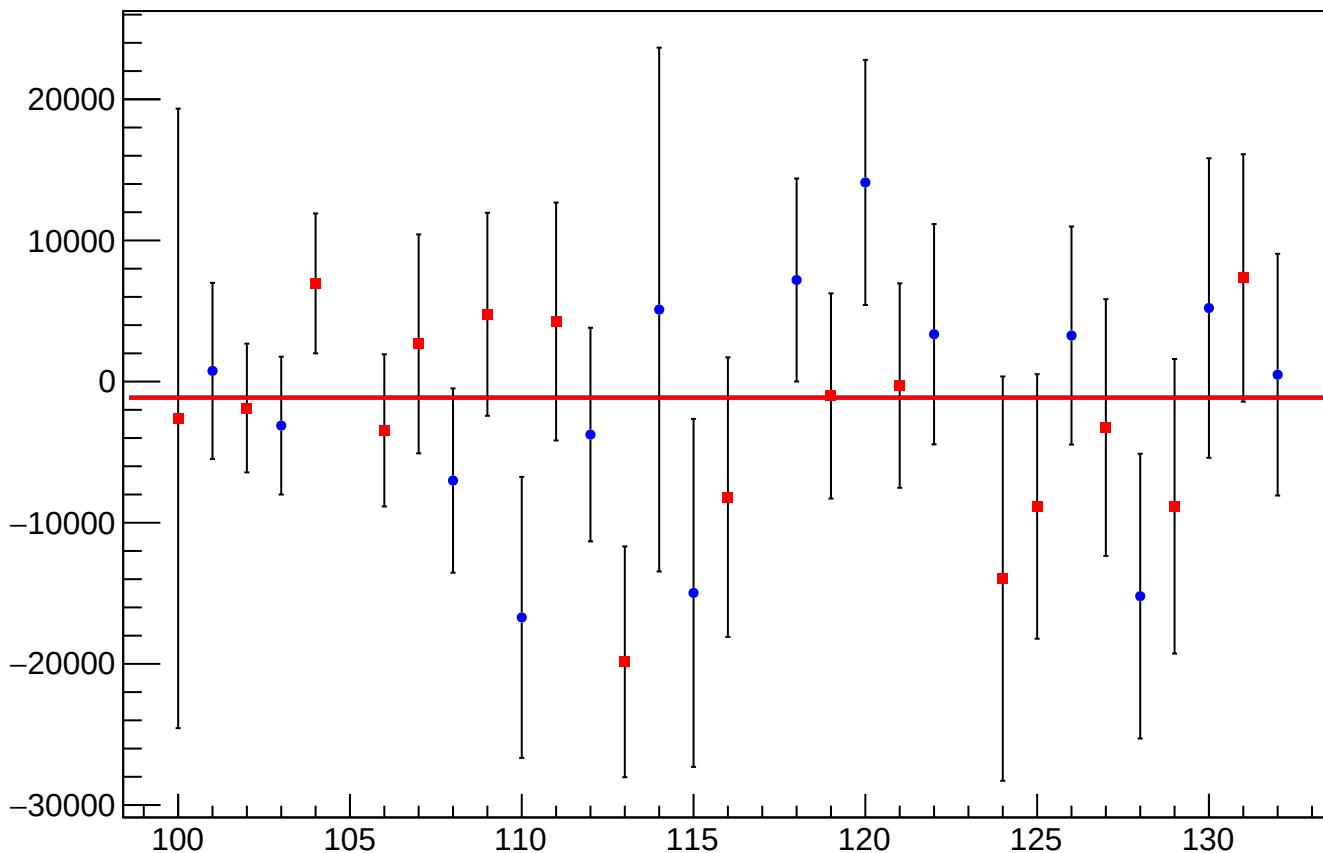
Right: 1613.911+/-0.331 χ^2/NDF : 393371.1/29

In: 1627.983+/-0.475 χ^2/NDF : 222955.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1613.911+/-0.331 χ^2/NDF : 393371.1/29

asym_usr_atr2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1122.165+/-2102.401 χ^2/NDF : 12.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1153.034+/-1860.072 χ^2/NDF : 13.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

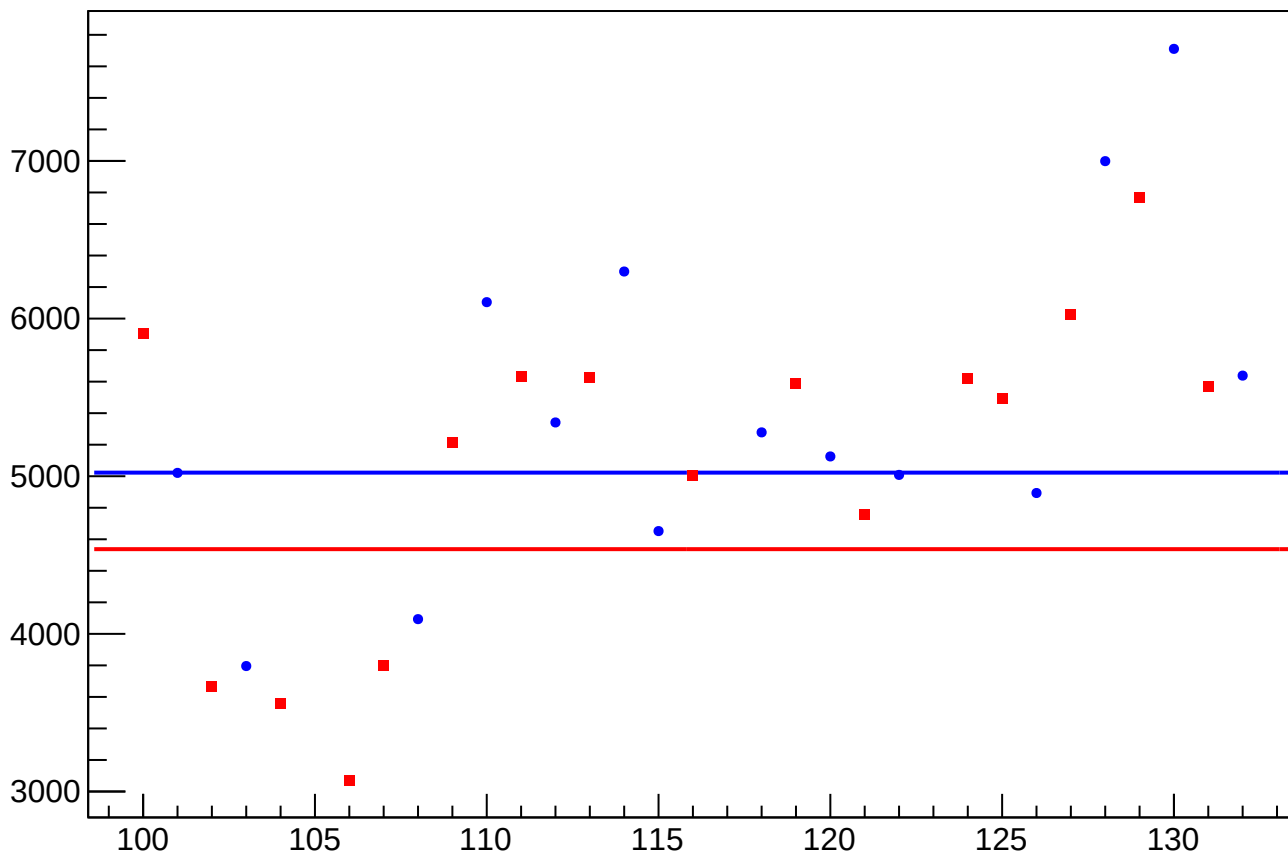
Right: -1139.480+/-1393.104 χ^2/NDF : 25.4/29

In: -1122.165+/-2102.401 χ^2/NDF : 12.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1139.480+/-1393.104 χ^2/NDF : 25.4/29

asym_usr_atr2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 5022.831+/-1.487 χ^2/NDF : 423957.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4537.369+/-1.315 χ^2/NDF : 665390.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

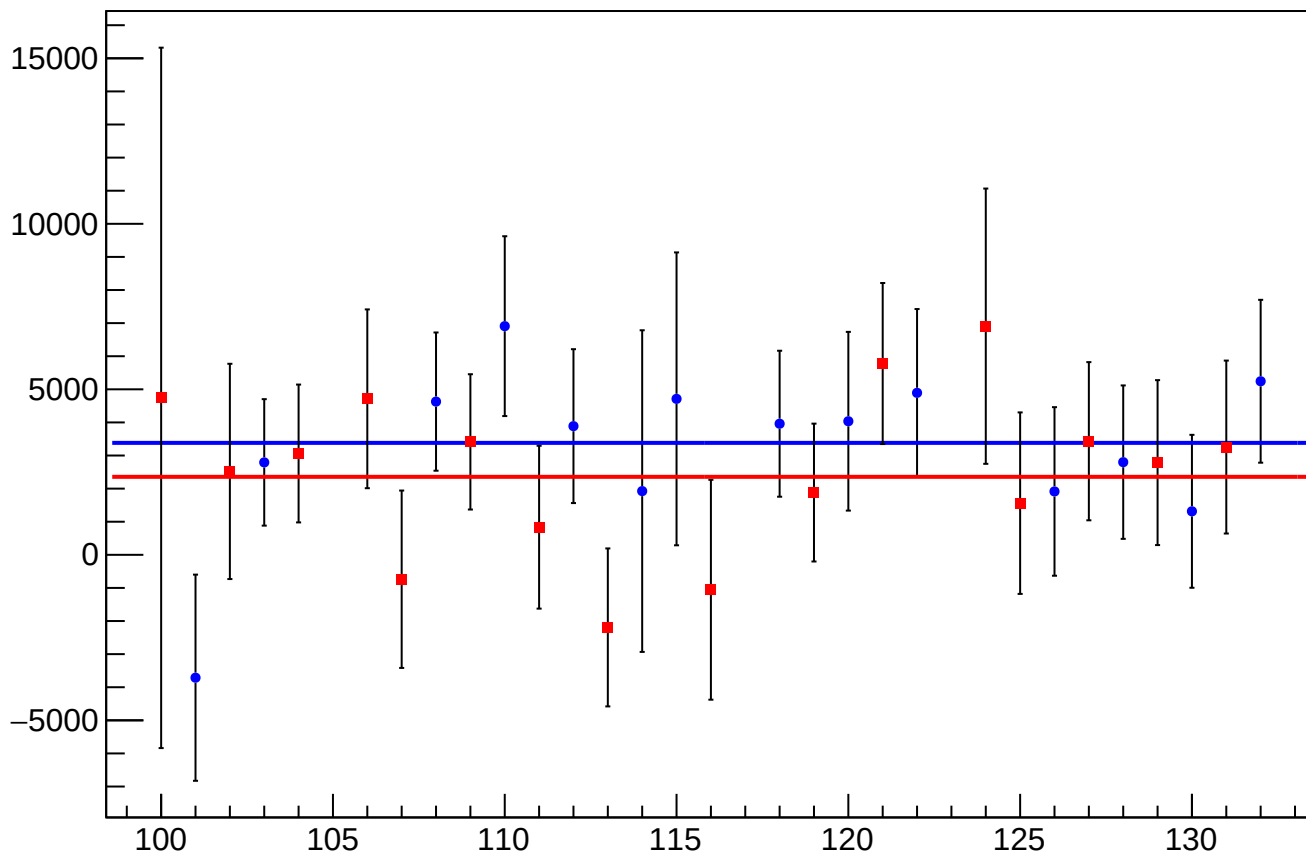
Right: 4750.522+/-0.985 χ^2/NDF : 1149164.0/29

In: 5022.831+/-1.487 χ^2/NDF : 423957.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4750.522+/-0.985 χ^2/NDF : 1149164.0/29

eigen_dit_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3382.400+/-672.301 χ^2/NDF : 9.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2356.412+/-651.684 χ^2/NDF : 11.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

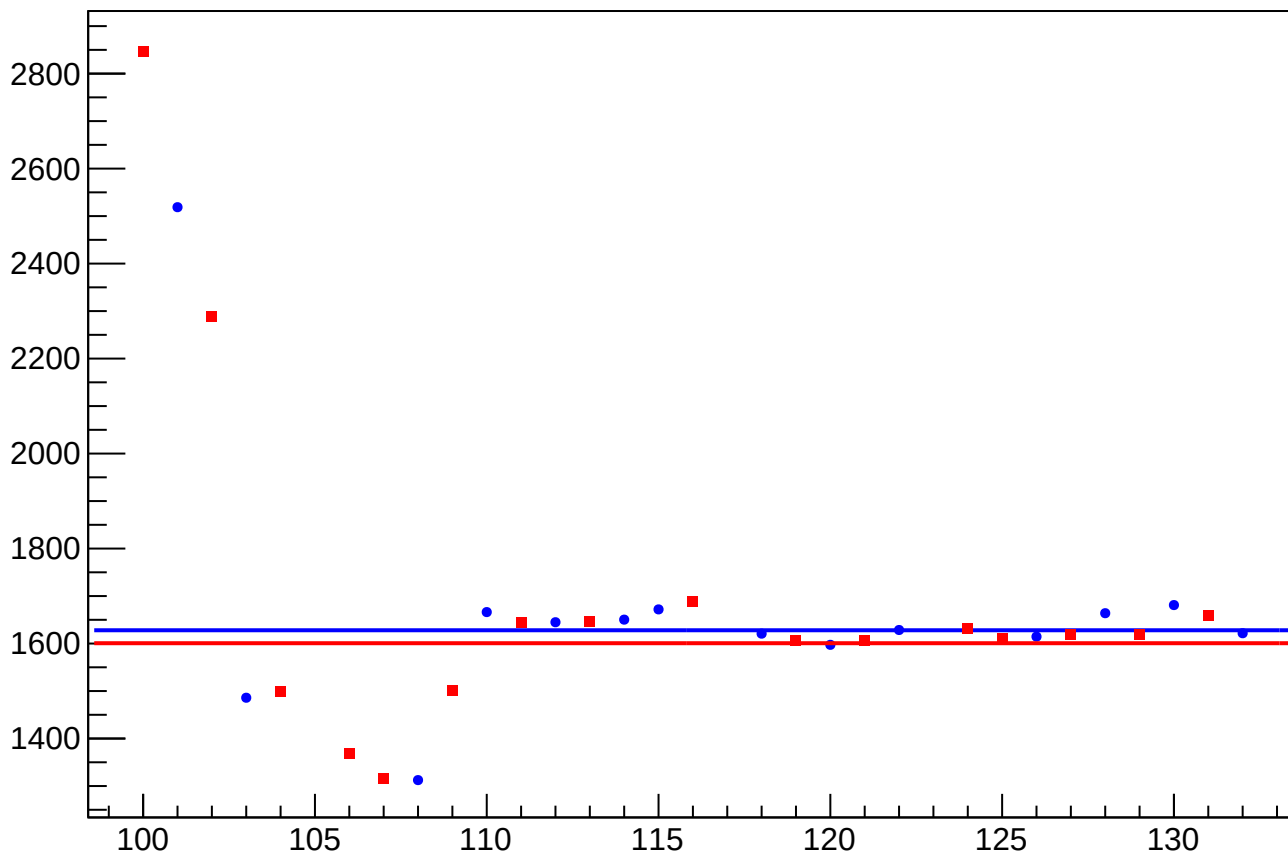
Right: 2853.433+/-467.929 χ^2/NDF : 22.3/29

In: 3382.400+/-672.301 χ^2/NDF : 9.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2853.433+/-467.929 χ^2/NDF : 22.3/29

eigen_dit_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1627.982+/-0.475 χ^2/NDF : 222955.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1600.715+/-0.460 χ^2/NDF : 168718.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

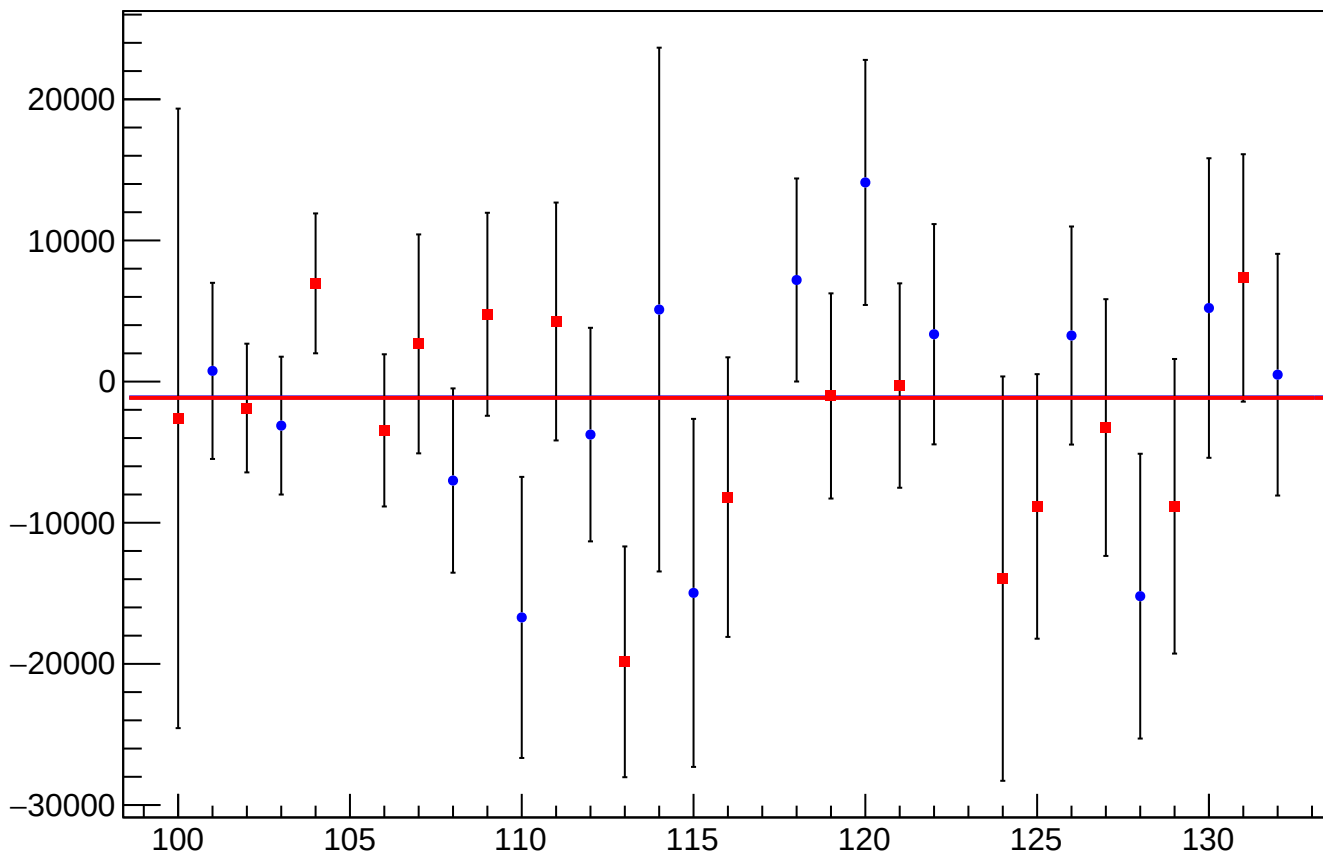
Right: 1613.910+/-0.331 χ^2/NDF : 393370.9/29

In: 1627.982+/-0.475 χ^2/NDF : 222955.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1613.910+/-0.331 χ^2/NDF : 393370.9/29

asym_usr_atr2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1122.159+/-2102.396 χ^2/NDF : 12.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1153.033+/-1860.069 χ^2/NDF : 13.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

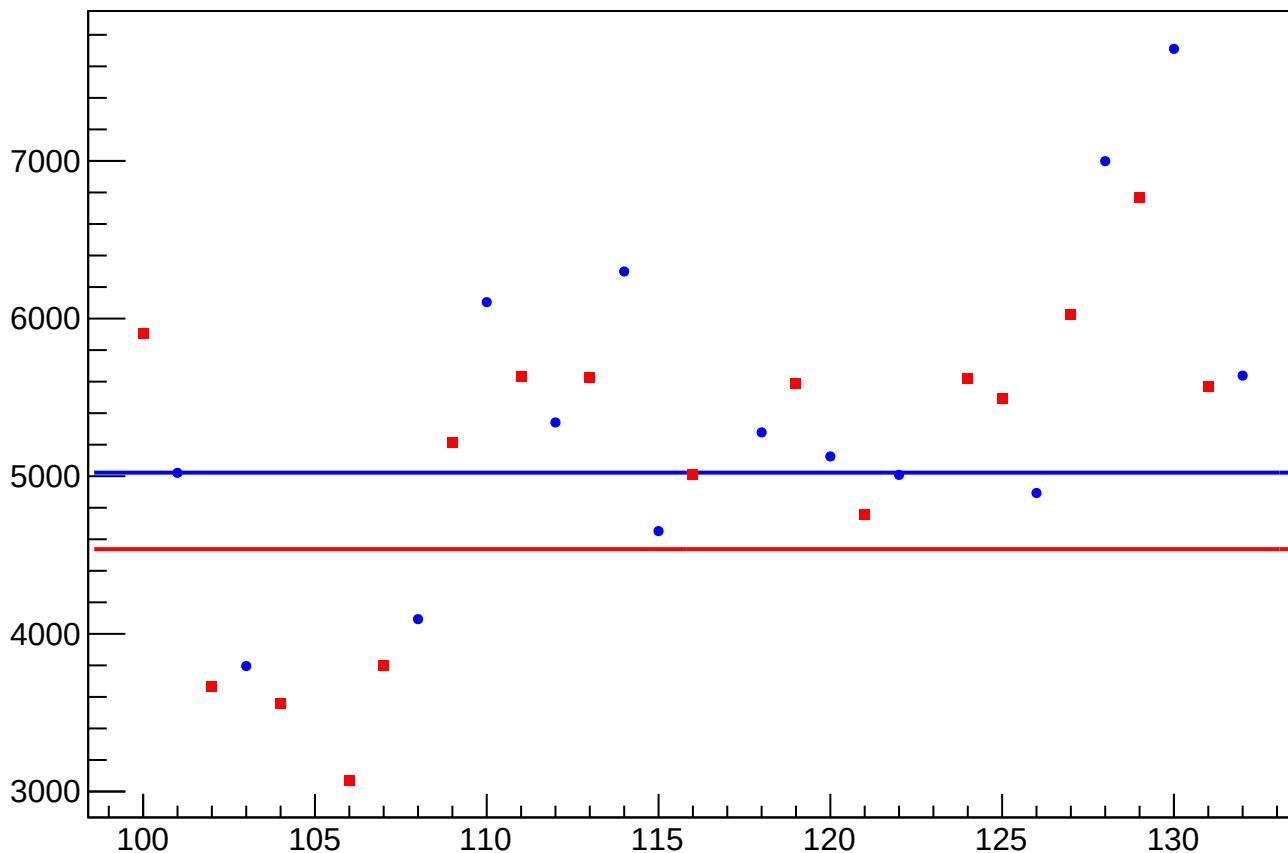
Right: -1139.477+/-1393.101 χ^2/NDF : 25.4/29

In: -1122.159+/-2102.396 χ^2/NDF : 12.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1139.477+/-1393.101 χ^2/NDF : 25.4/29

asym_usr_atr2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 5022.820+/-1.487 χ^2/NDF : 423952.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4537.361+/-1.315 χ^2/NDF : 665384.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

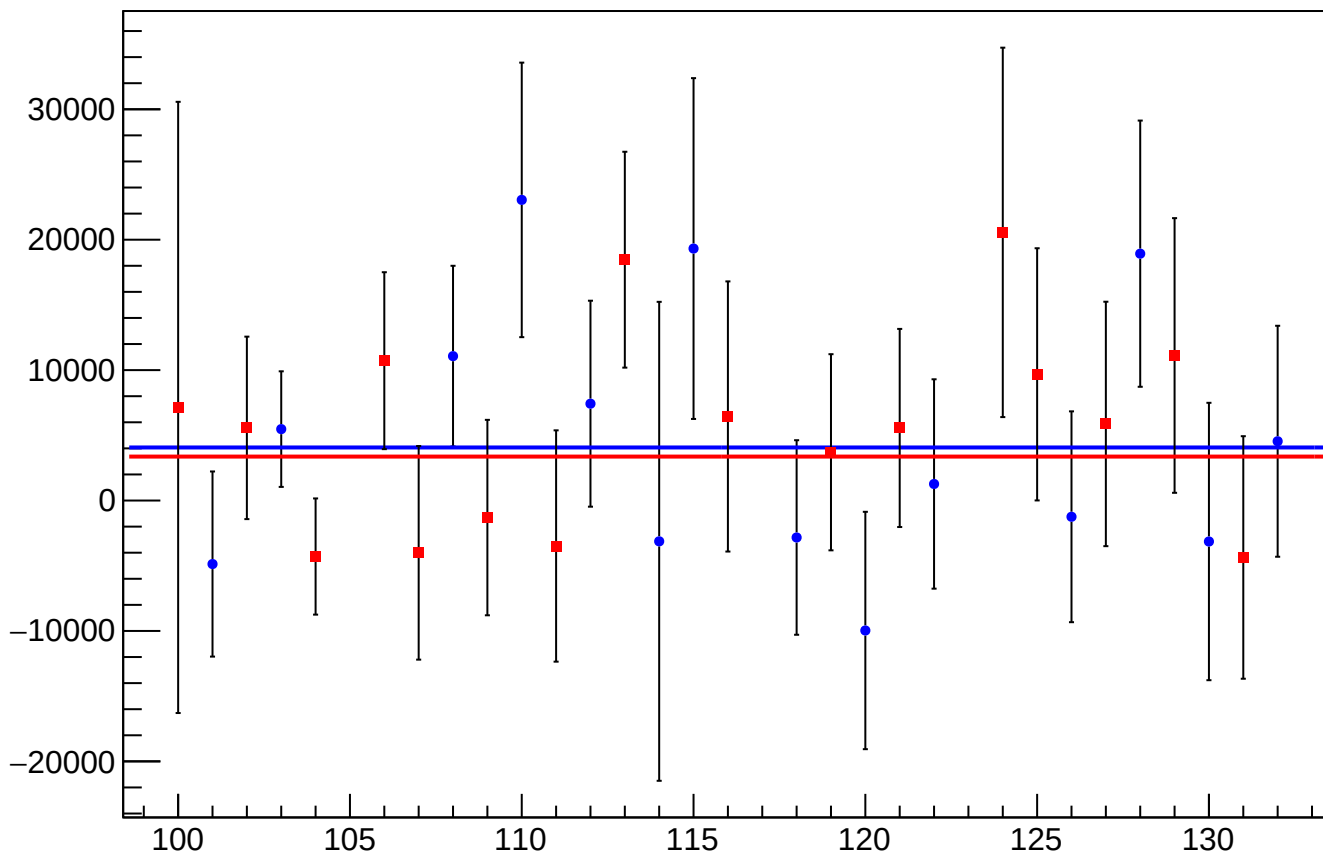
Right: 4750.512+/-0.985 χ^2/NDF : 1149152.2/29

In: 5022.820+/-1.487 χ^2/NDF : 423952.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4750.512+/-0.985 χ^2/NDF : 1149152.2/29

asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 4069.197+/-2143.933 χ^2/NDF : 14.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3370.321+/-2014.527 χ^2/NDF : 12.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

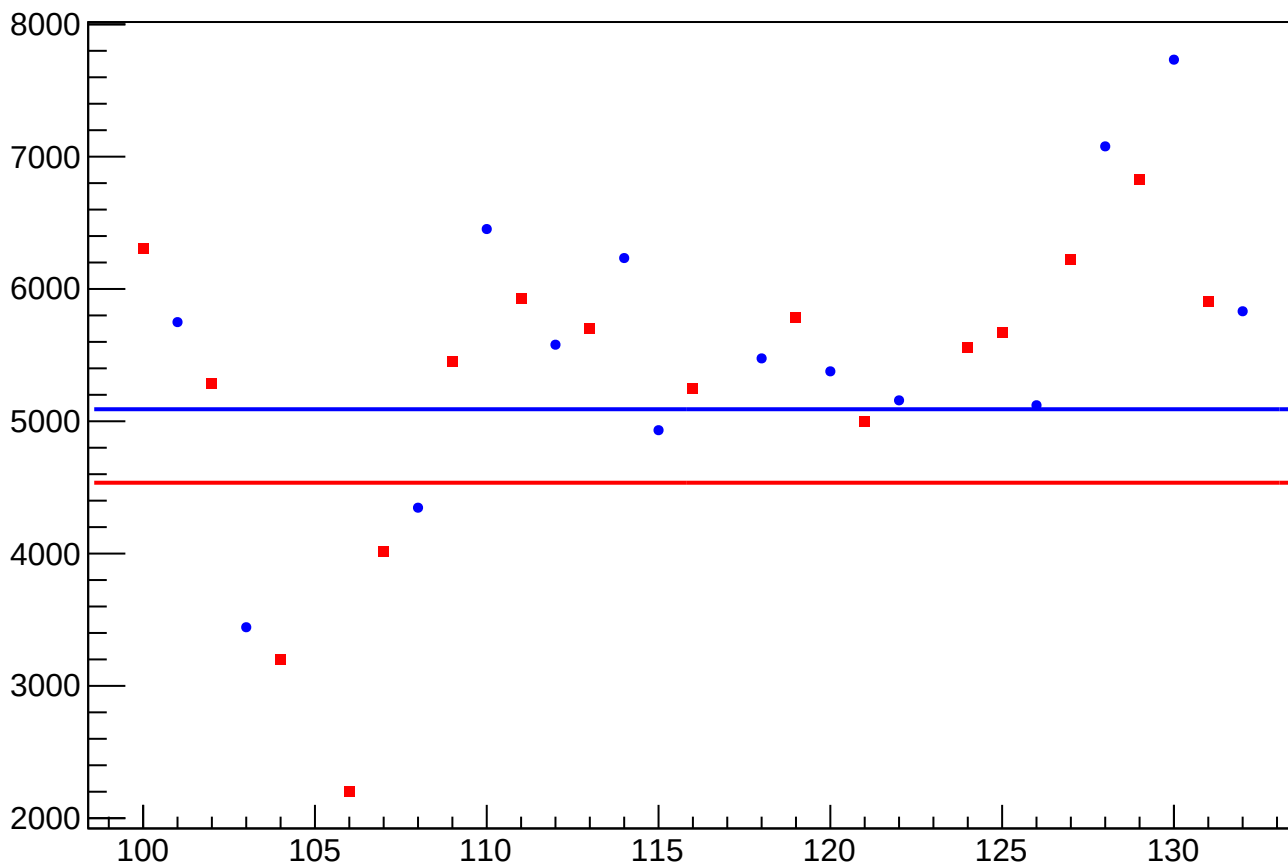
Right: 3698.032+/-1468.104 χ^2/NDF : 26.9/29

In: 4069.197+/-2143.933 χ^2/NDF : 14.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3698.032+/-1468.104 χ^2/NDF : 26.9/29

asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 5090.980+/-1.516 χ^2/NDF : 586613.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4535.517+/-1.363 χ^2/NDF : 1140734.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

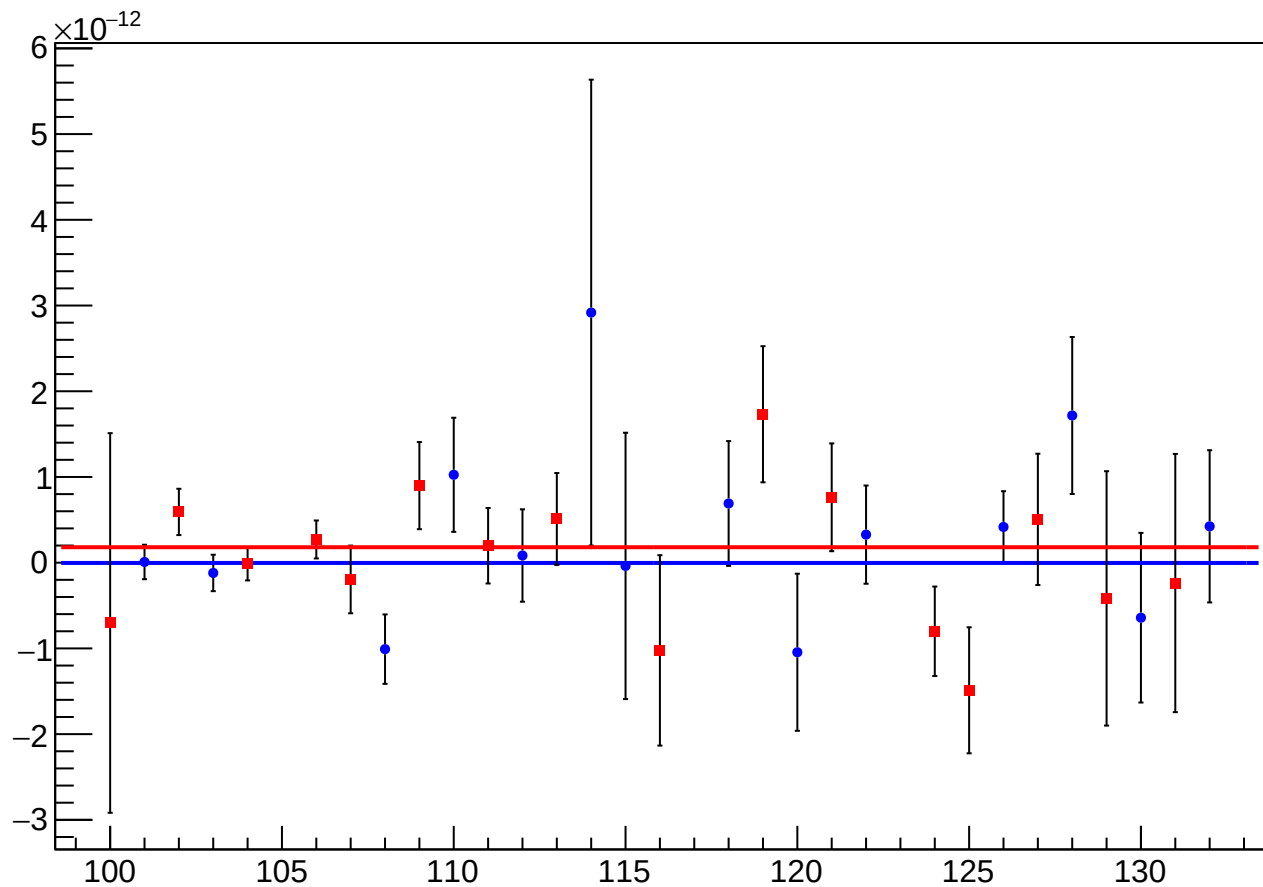
Right: 4783.718+/-1.013 χ^2/NDF : 1801611.6/29

In: 5090.980+/-1.516 χ^2/NDF : 586613.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4783.718+/-1.013 χ^2/NDF : 1801611.6/29

asym_usr_atr2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 17.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 21.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

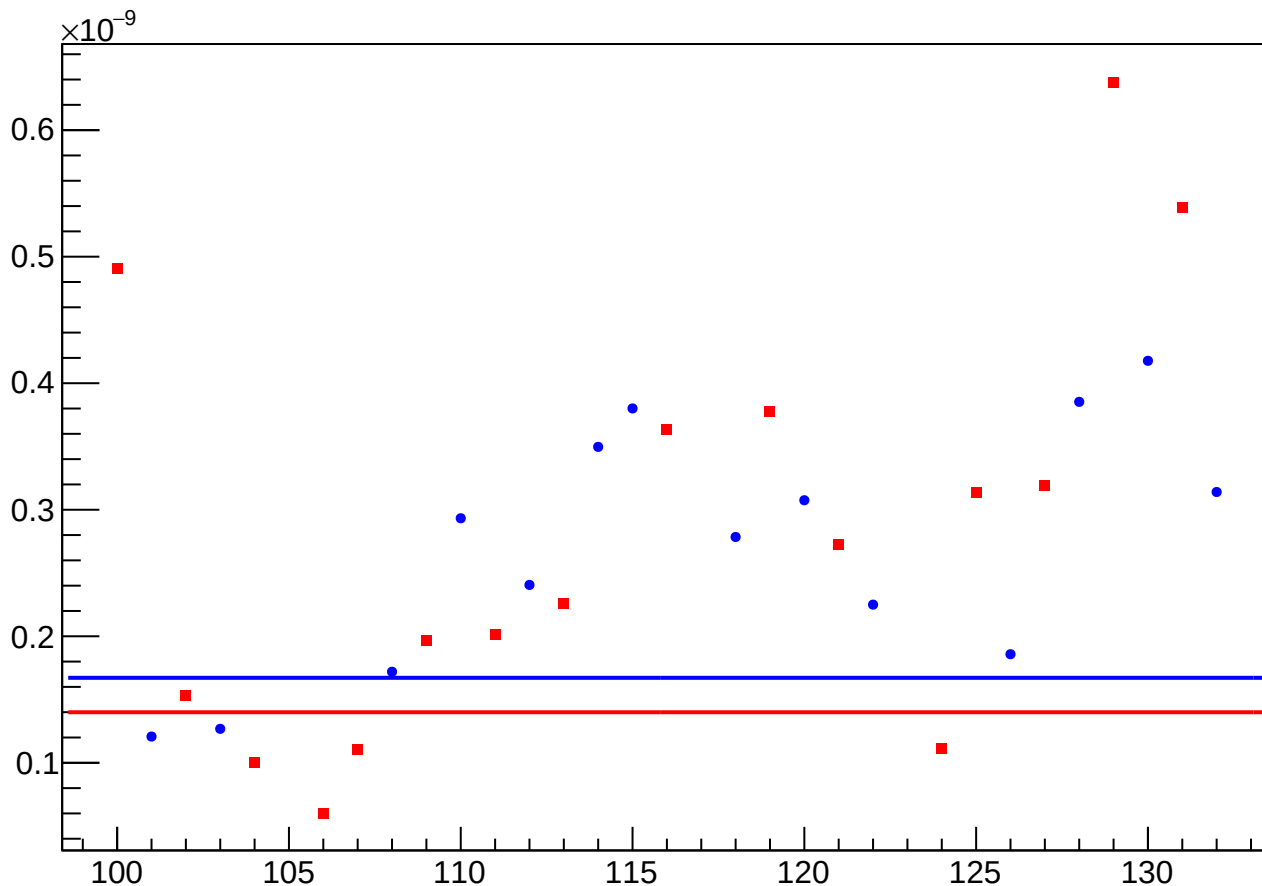
Right: 0.000+/-0.000 χ^2/NDF : 41.1/29

In: -0.000+/-0.000 χ^2/NDF : 17.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 41.1/29

asym_usr_atr2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 749020.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1472715.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

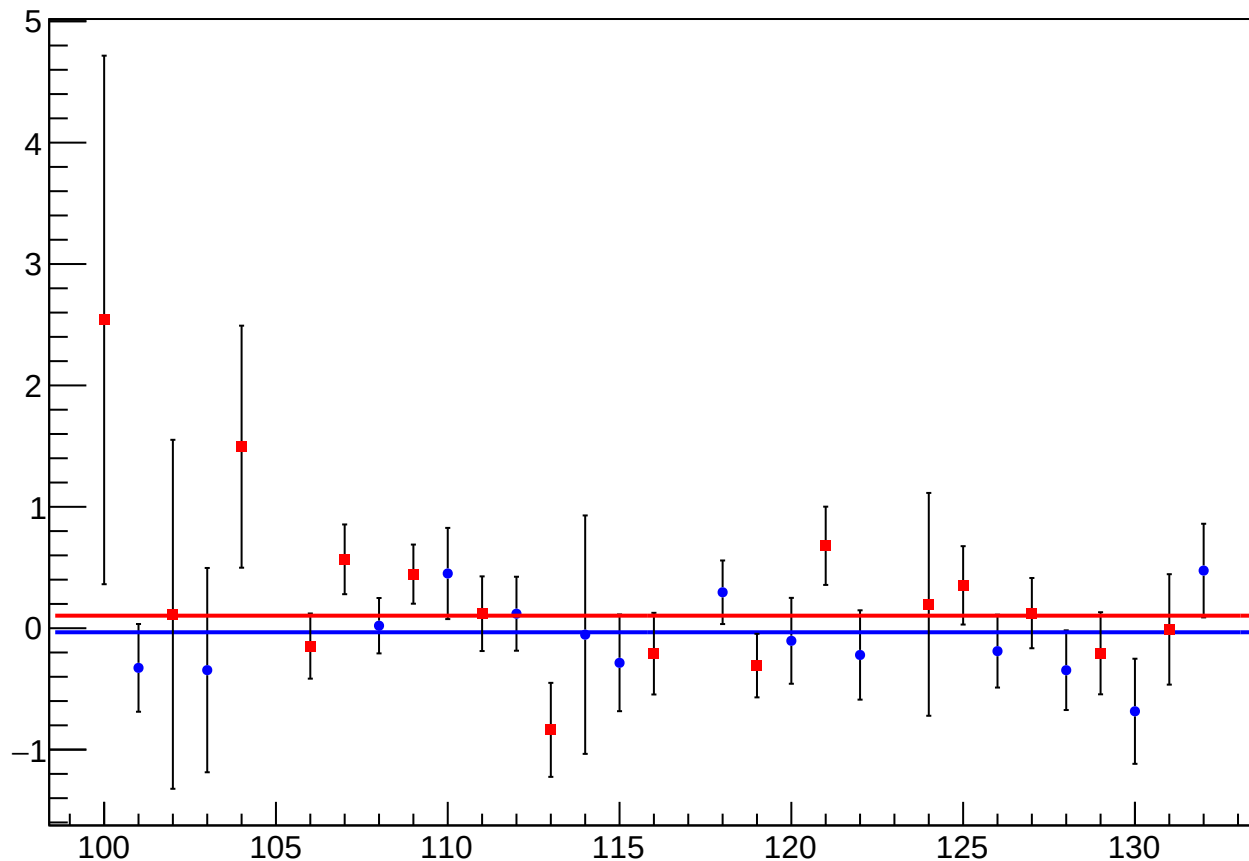
Right: 0.000+/-0.000 χ^2/NDF : 2283164.6/29

In: 0.000+/-0.000 χ^2/NDF : 749020.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2283164.6/29

asym_usr_atr2_avg_dit_vs_Slug, Sign Corrected



Right In: -0.033 ± 0.093 χ^2/NDF : 10.2/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.103 ± 0.087 χ^2/NDF : 22.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

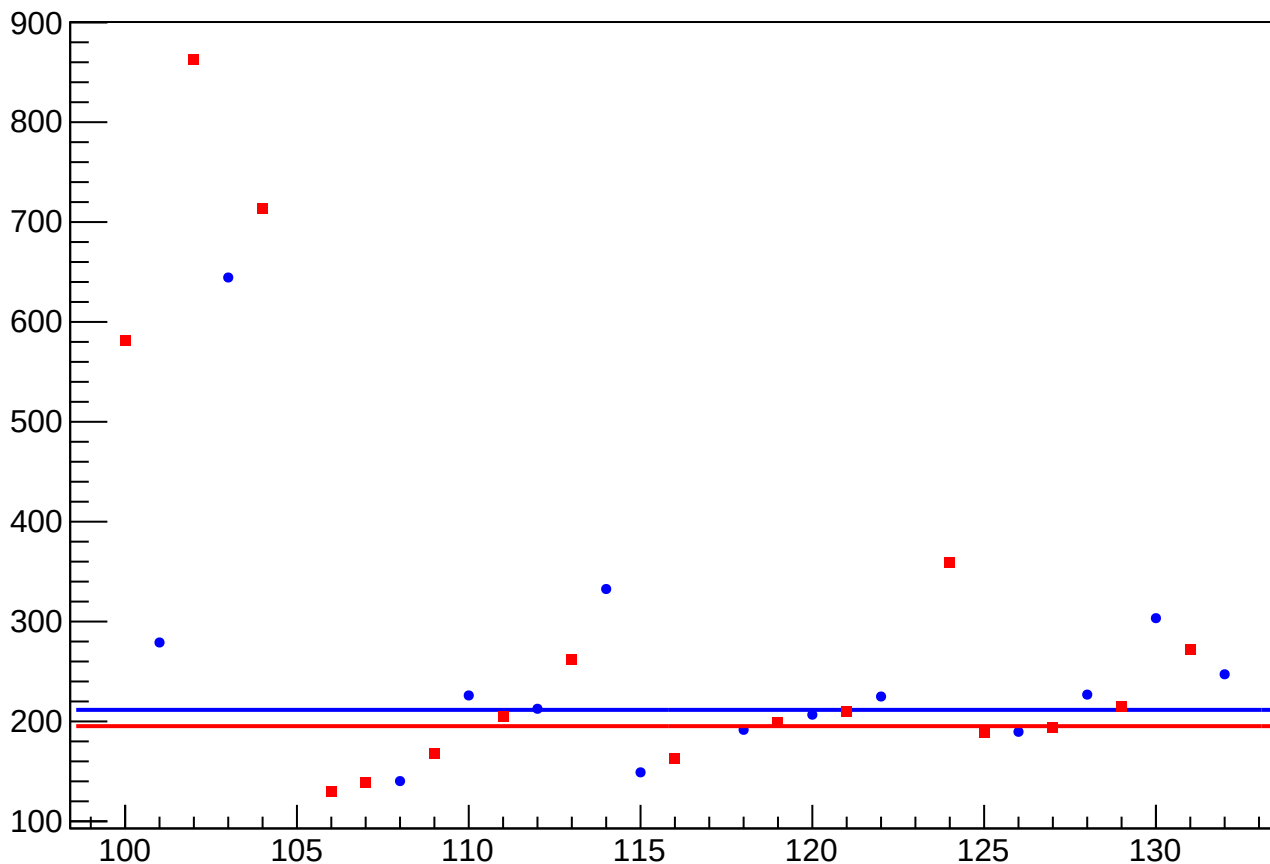
Right: 0.039 ± 0.064 χ^2/NDF : 34.0/29

In: -0.033 ± 0.093 χ^2/NDF : 10.2/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.039 ± 0.064 χ^2/NDF : 34.0/29

asym_usr_atr2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 211.569+/-0.066 χ^2/NDF : 1013954.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 195.272+/-0.062 χ^2/NDF : 1467165.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

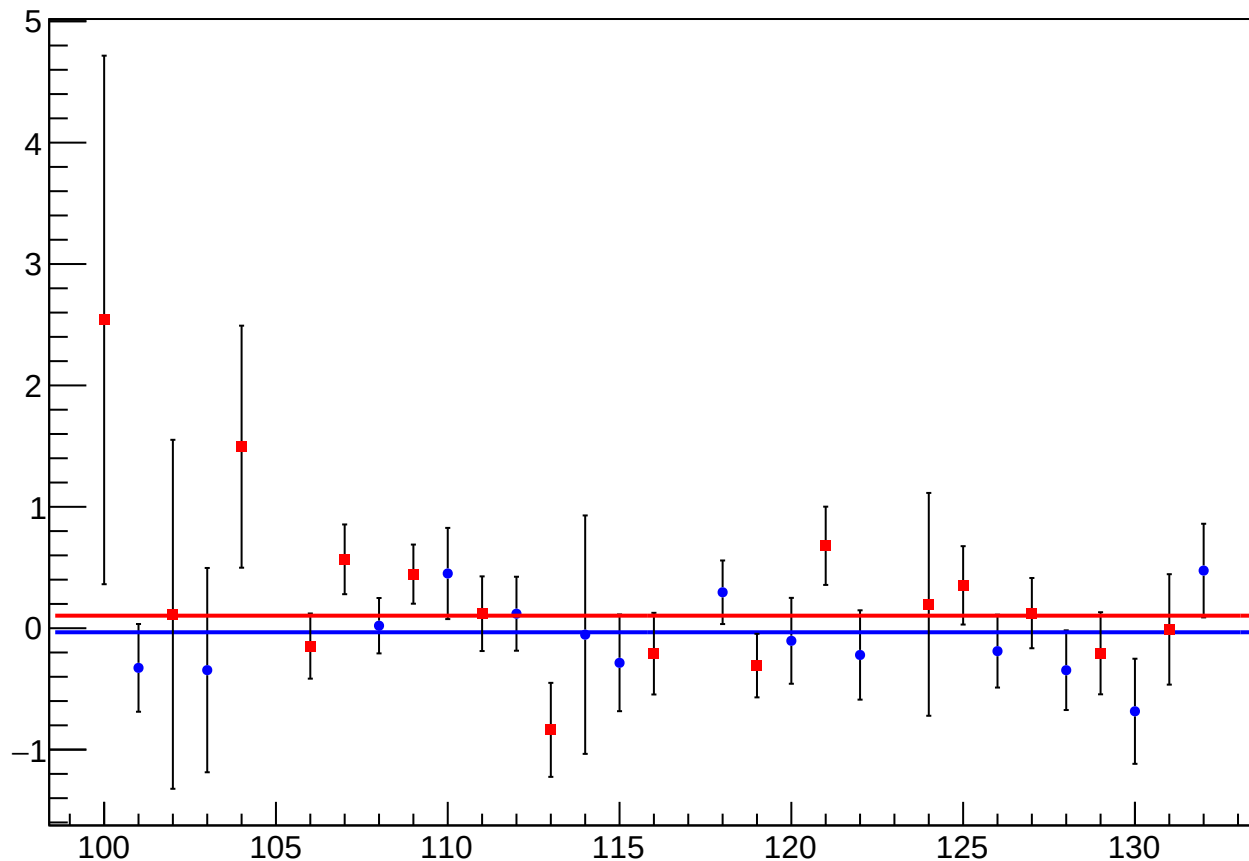
Right: 202.917+/-0.045 χ^2/NDF : 2513803.2/29

In: 211.569+/-0.066 χ^2/NDF : 1013954.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 202.917+/-0.045 χ^2/NDF : 2513803.2/29

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.033+/-0.093 χ^2/NDF : 10.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.103+/-0.087 χ^2/NDF : 22.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

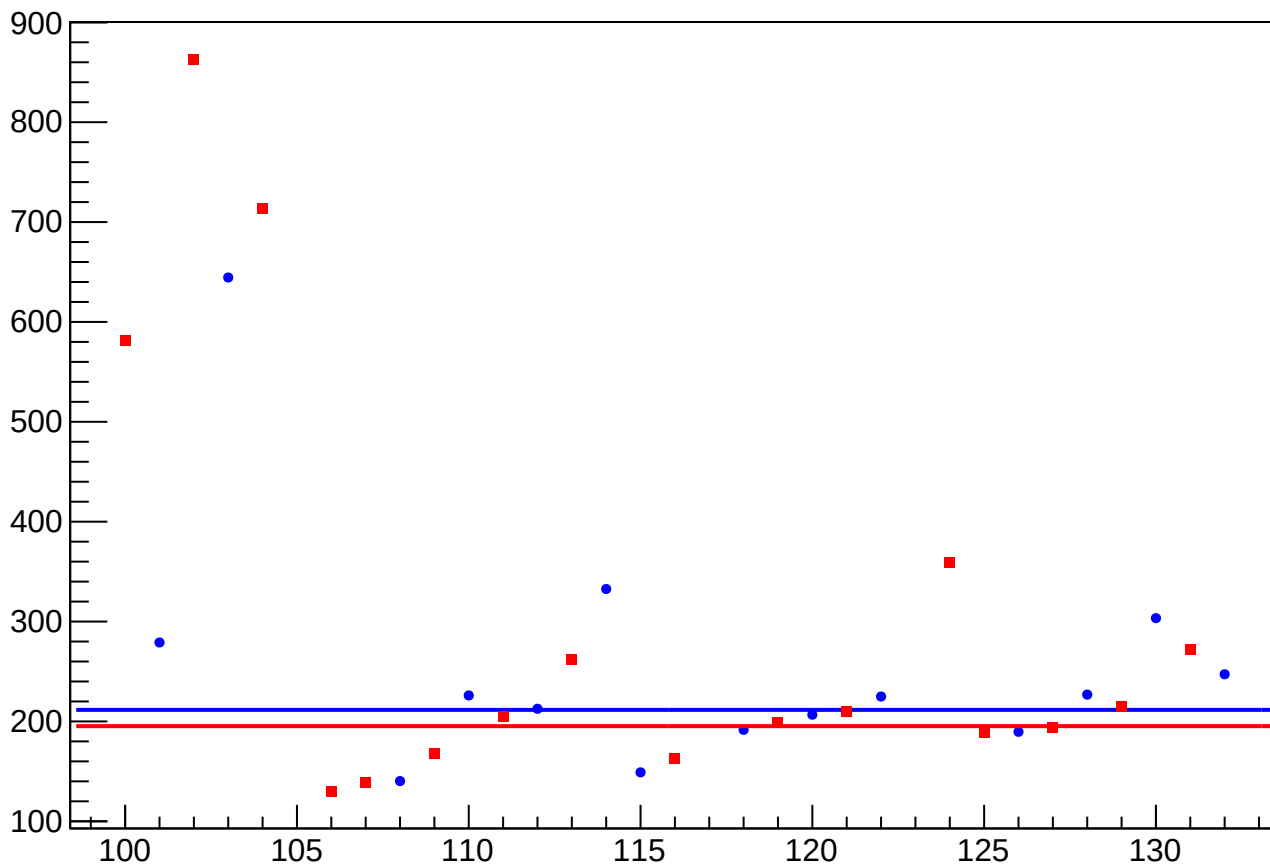
Right: 0.039+/-0.064 χ^2/NDF : 34.0/29

In: -0.033+/-0.093 χ^2/NDF :10.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.039+/-0.064 χ^2/NDF : 34.0/29

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 211.569+/-0.066 χ^2/NDF : 1013954.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 195.272+/-0.062 χ^2/NDF : 1467165.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

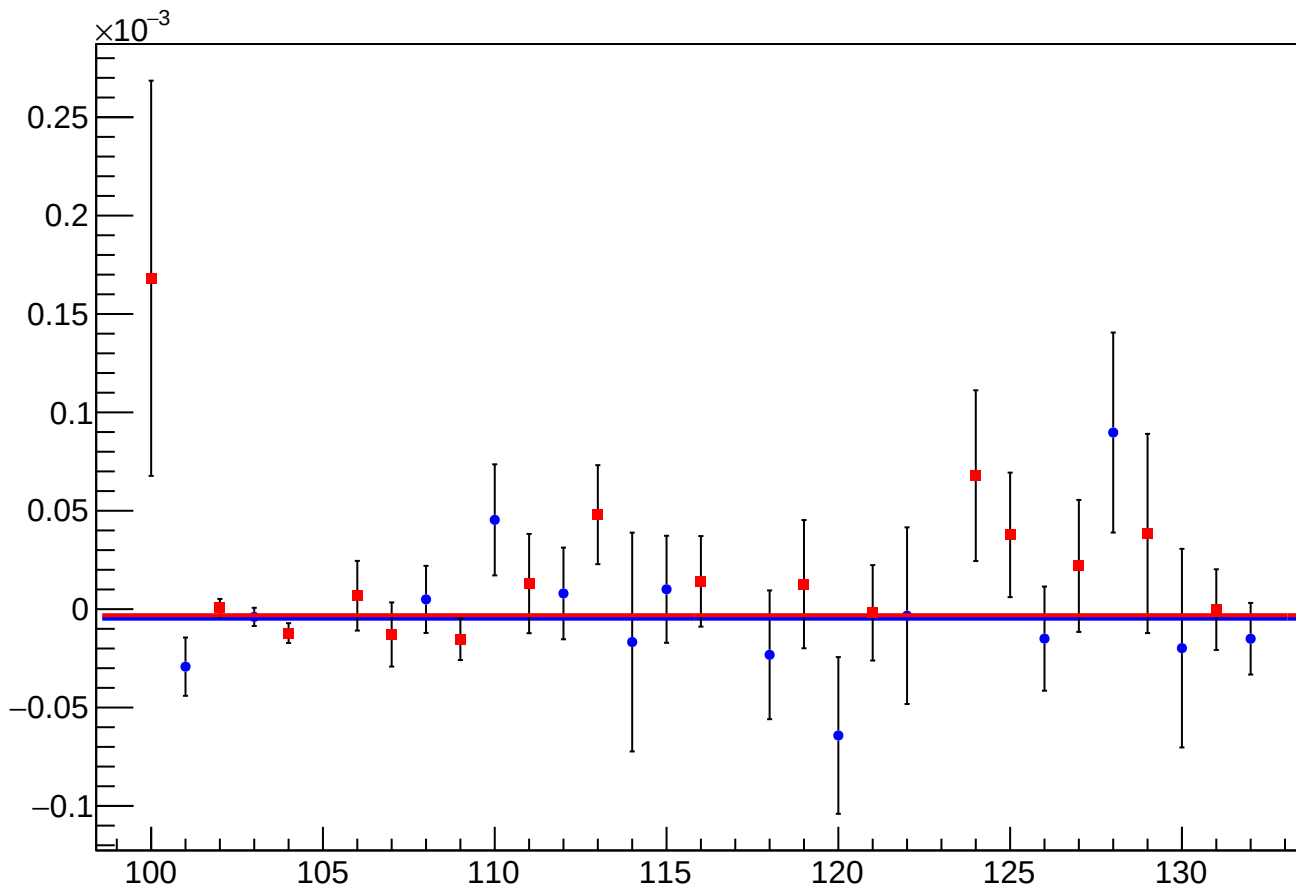
Right: 202.917+/-0.045 χ^2/NDF : 2513803.2/29

In: 211.569+/-0.066 χ^2/NDF : 1013954.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 202.917+/-0.045 χ^2/NDF : 2513803.2/29

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 19.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

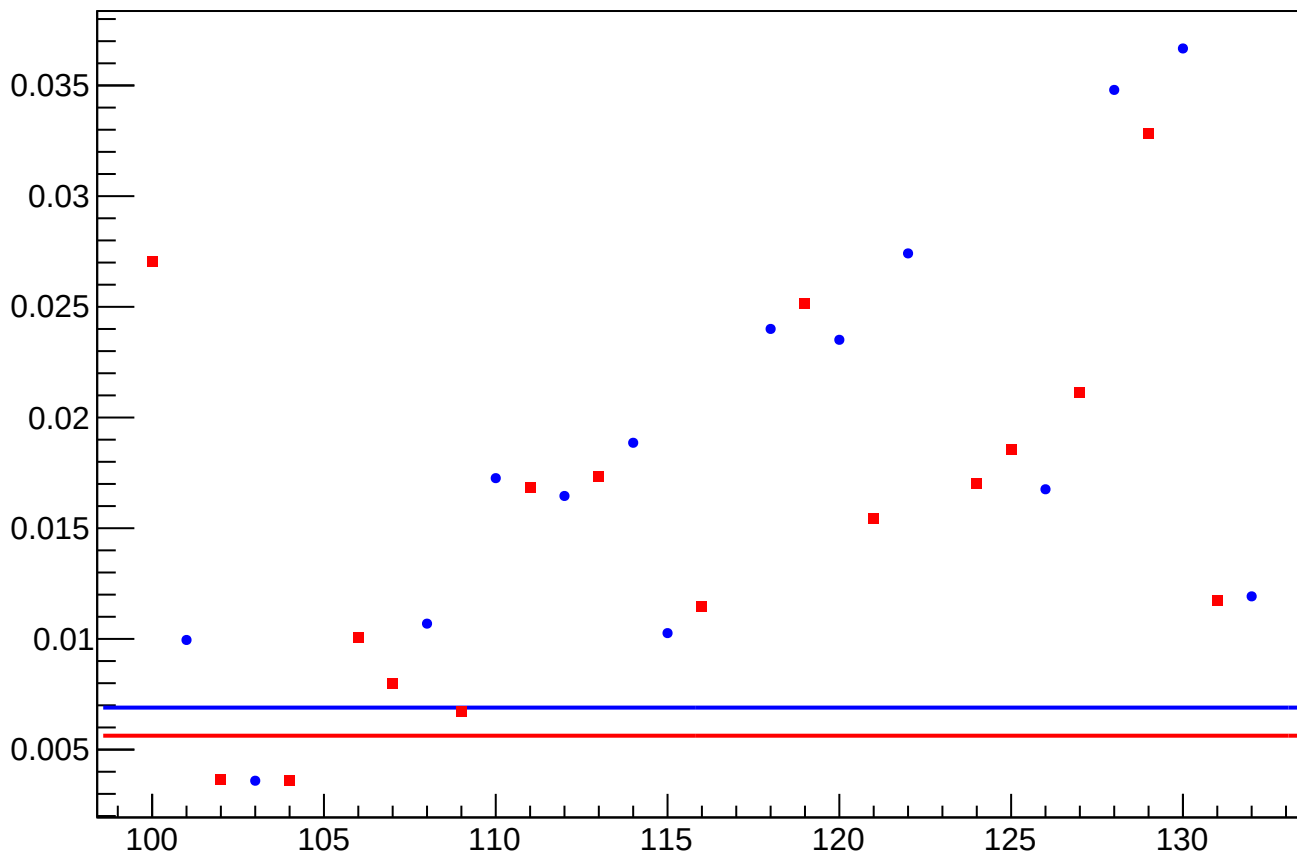
Right: -0.000+/-0.000 χ^2/NDF : 33.4/29

In: -0.000+/-0.000 χ^2/NDF : 13.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.4/29

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 4976012.6/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 4630841.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

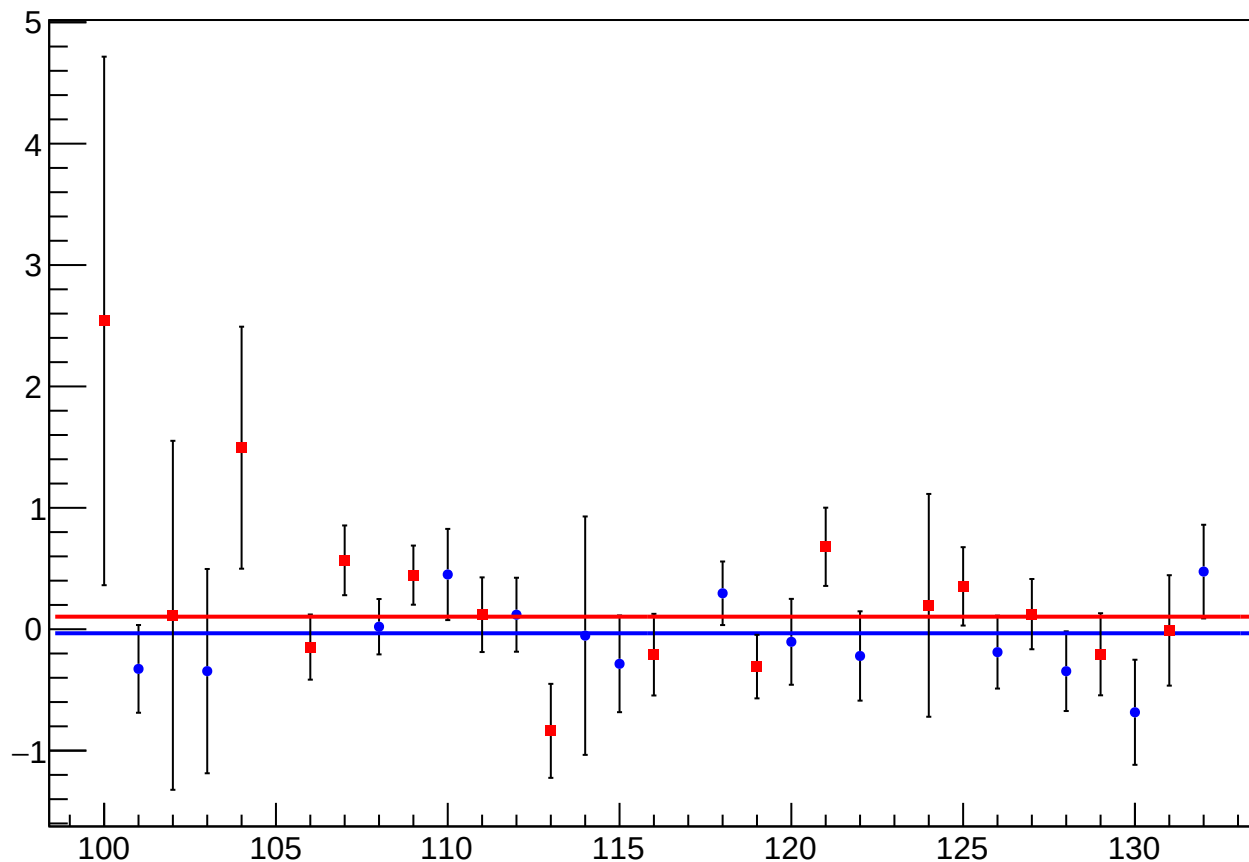
Right: 0.006+/-0.000 χ^2/NDF : 9743976.4/29

In: 0.007+/-0.000 χ^2/NDF :4976012.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 9743976.4/29

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.033 ± 0.093 χ^2/NDF : 10.2/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.103 ± 0.087 χ^2/NDF : 22.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

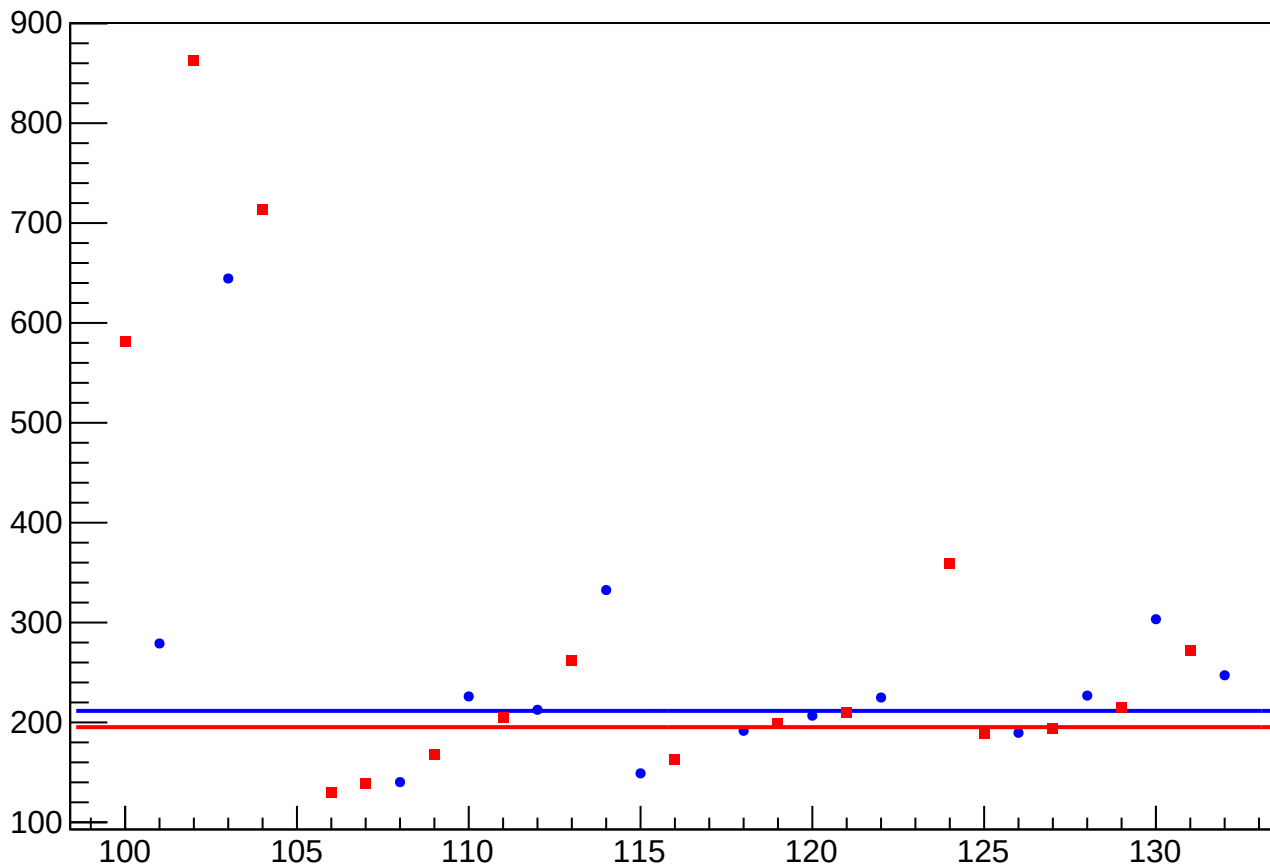
Right: 0.039 ± 0.064 χ^2/NDF : 34.0/29

In: -0.033 ± 0.093 χ^2/NDF : 10.2/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.039 ± 0.064 χ^2/NDF : 34.0/29

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 211.567+/-0.066 χ^2/NDF : 1013918.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 195.270+/-0.062 χ^2/NDF : 1467141.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

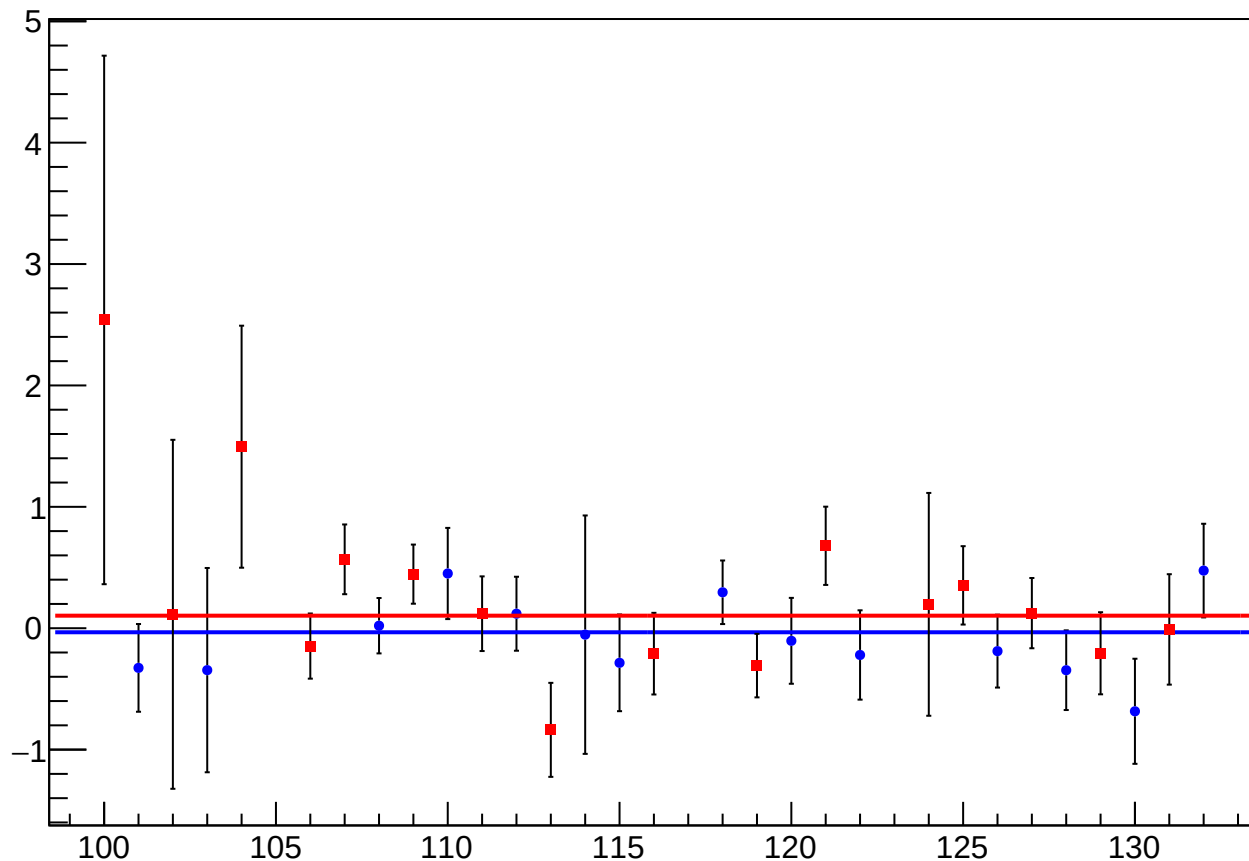
Right: 202.915+/-0.045 χ^2/NDF : 2513743.4/29

In: 211.567+/-0.066 χ^2/NDF : 1013918.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 202.915+/-0.045 χ^2/NDF : 2513743.4/29

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.033+/-0.093 χ^2/NDF : 10.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.103+/-0.087 χ^2/NDF : 22.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

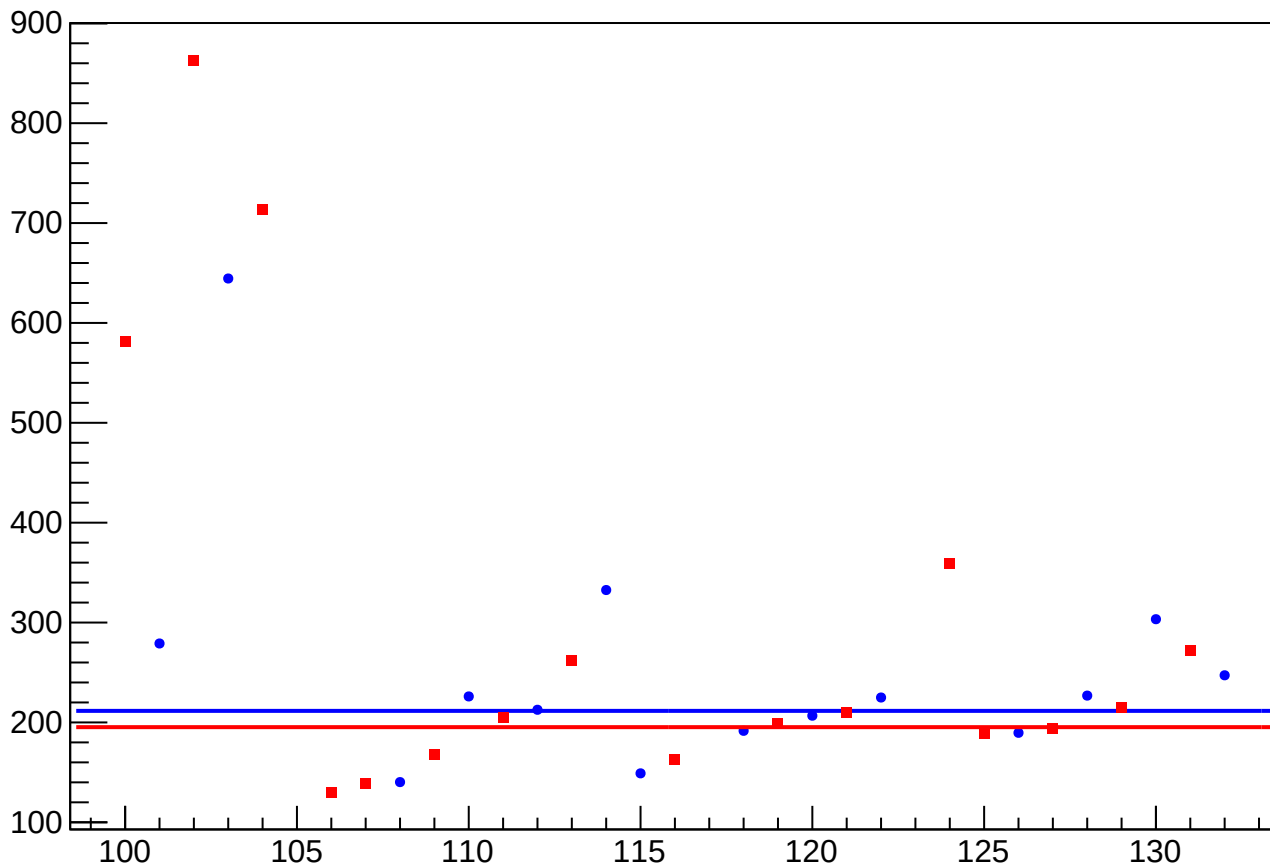
Right: 0.039+/-0.064 χ^2/NDF : 34.0/29

In: -0.033+/-0.093 χ^2/NDF :10.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.039+/-0.064 χ^2/NDF : 34.0/29

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 211.567+/-0.066 χ^2/NDF : 1013918.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 195.270+/-0.062 χ^2/NDF : 1467141.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

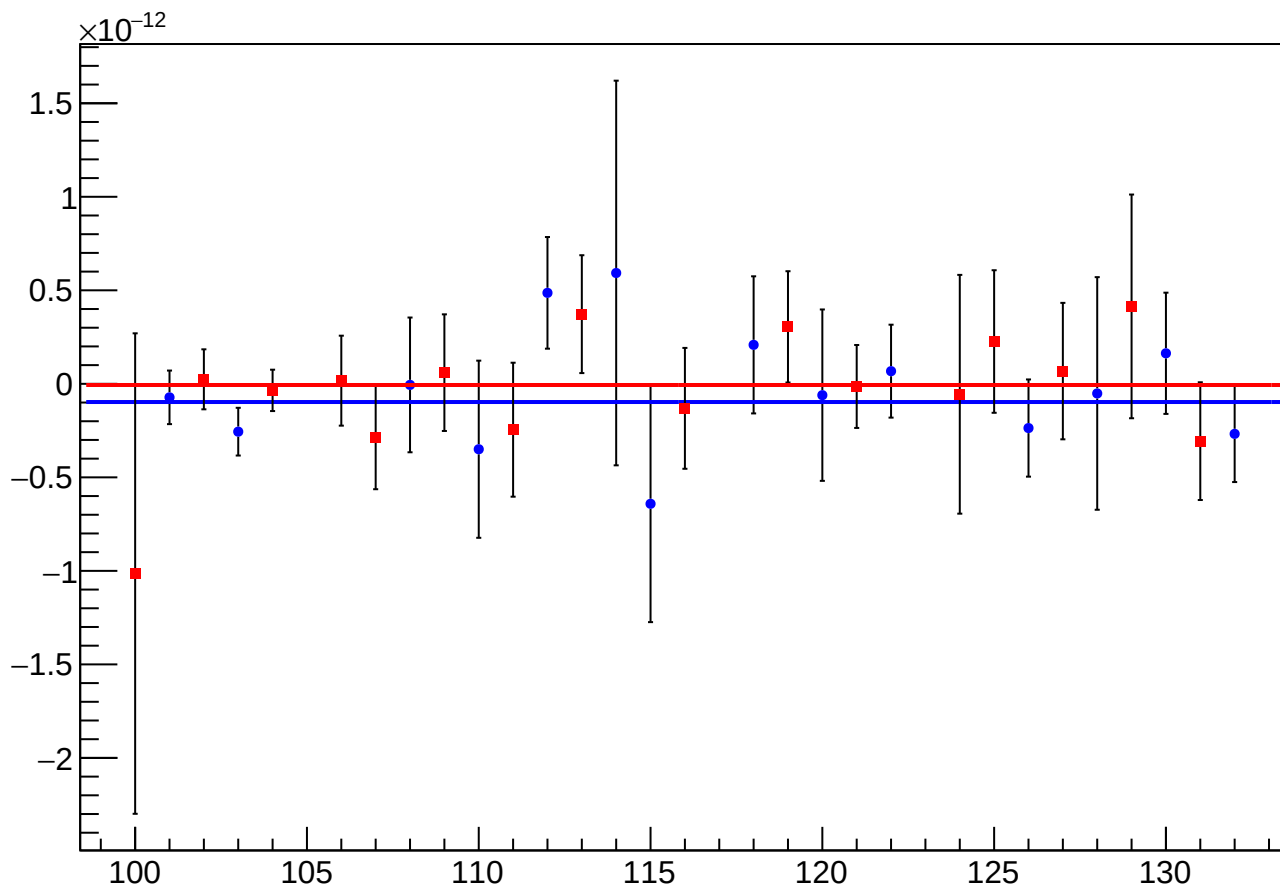
Right: 202.915+/-0.045 χ^2/NDF : 2513743.4/29

In: 211.567+/-0.066 χ^2/NDF : 1013918.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 202.915+/-0.045 χ^2/NDF : 2513743.4/29

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

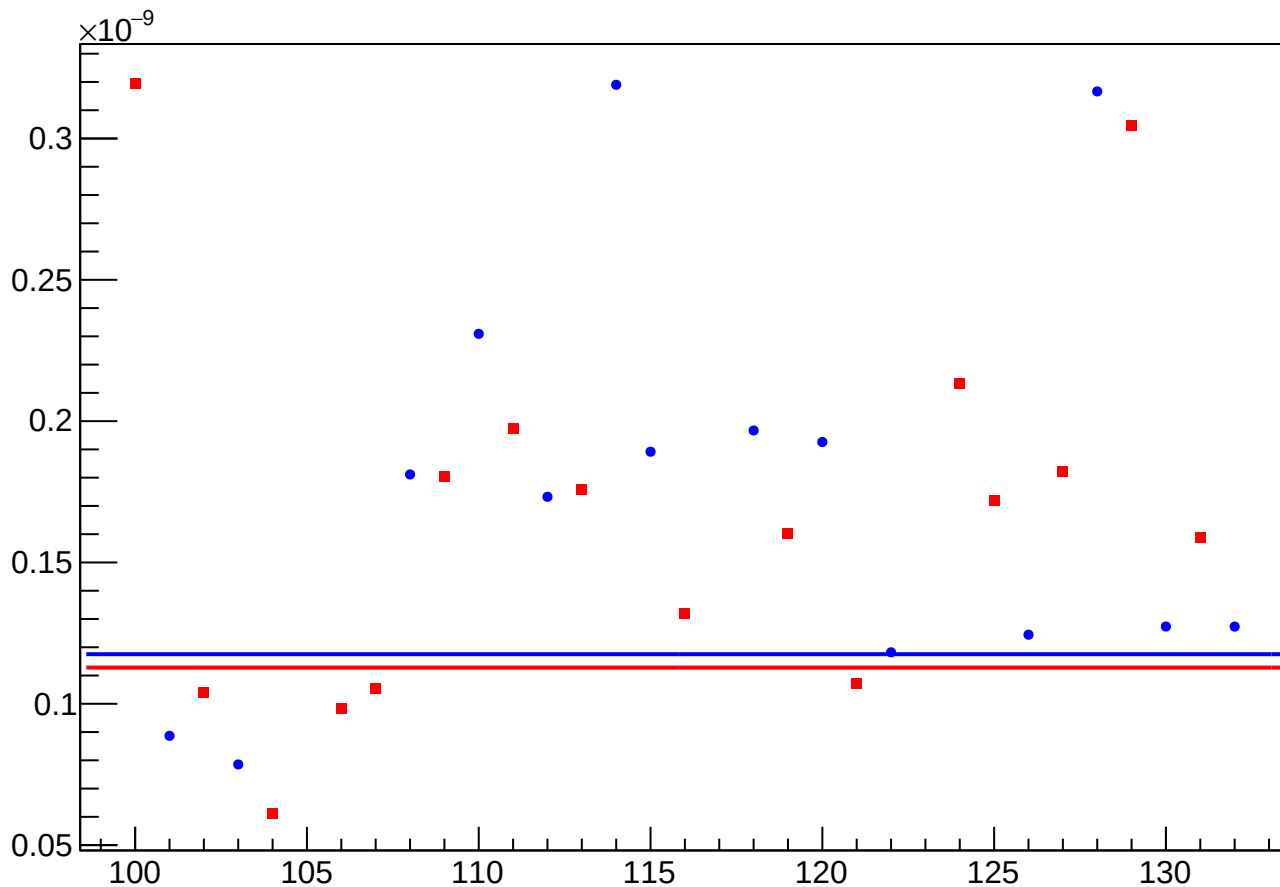
Right: -0.000+/-0.000 χ^2/NDF : 17.1/29

In: -0.000+/-0.000 χ^2/NDF : 9.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.1/29

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 975381.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1267550.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

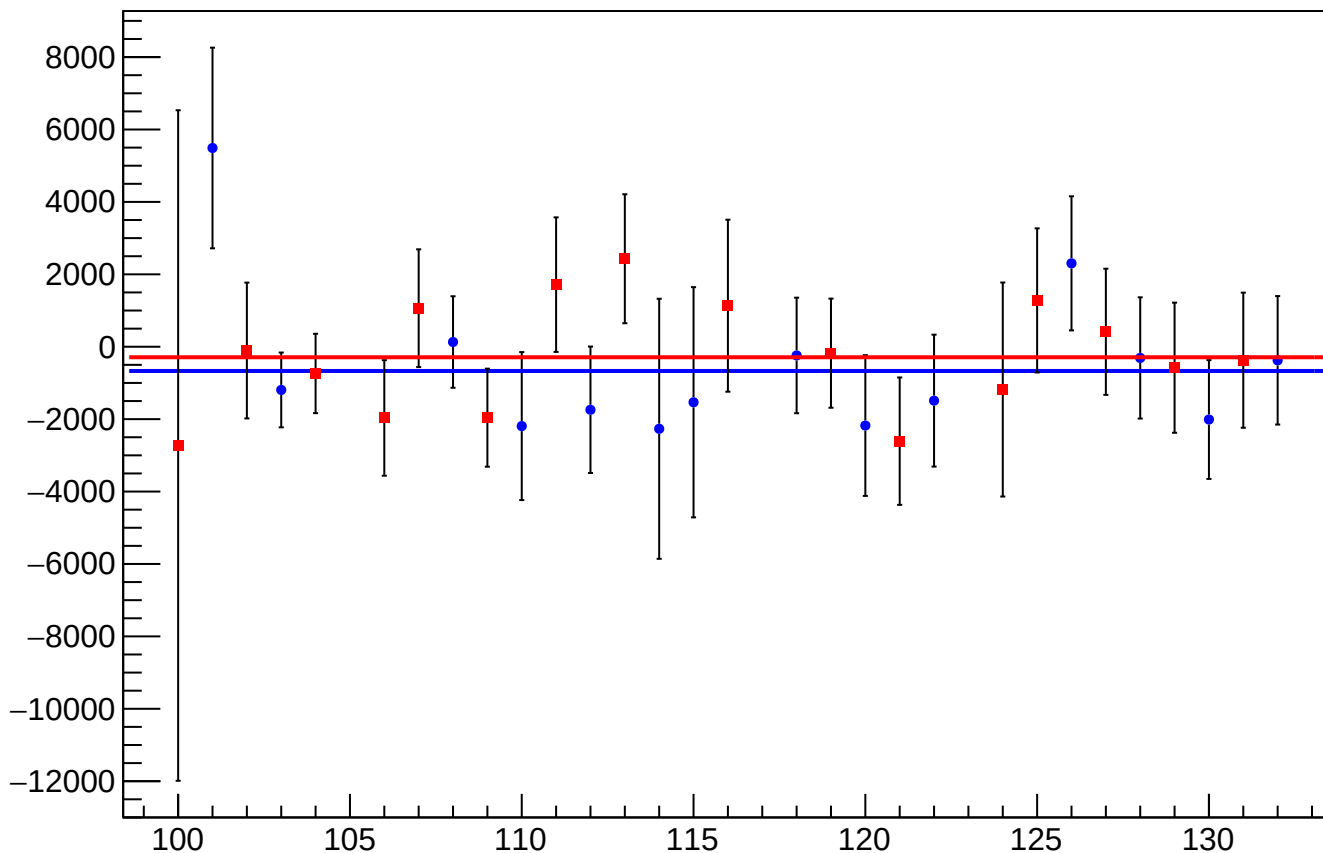
Right: 0.000+/-0.000 χ^2/NDF : 2248002.8/29

In: 0.000+/-0.000 χ^2/NDF : 975381.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2248002.8/29

reg_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -669.381+/-459.605 χ^2/NDF : 11.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -290.587+/-435.043 χ^2/NDF : 10.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

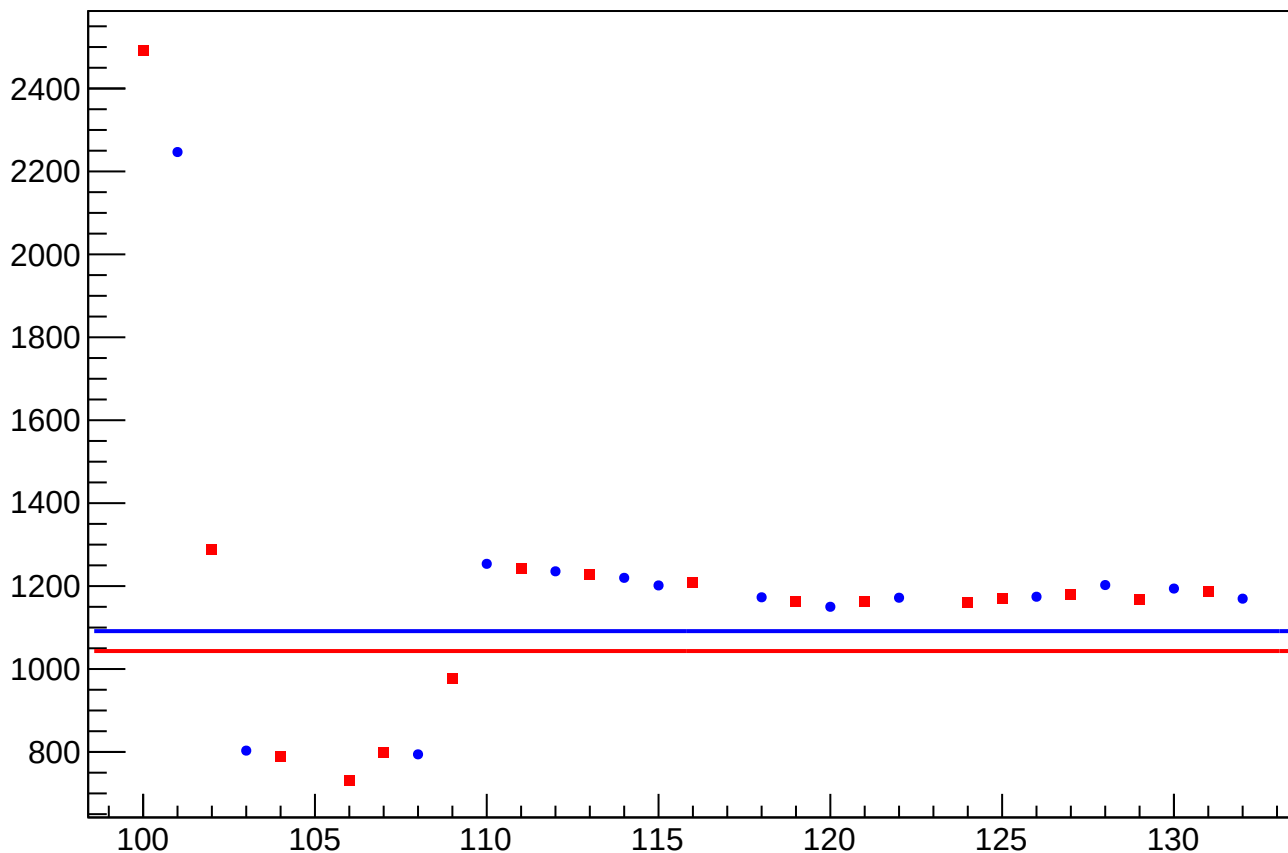
Right: -469.592+/-315.948 χ^2/NDF : 21.4/29

In: -669.381+/-459.605 χ^2/NDF : 11.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -469.592+/-315.948 χ^2/NDF : 21.4/29

reg_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1091.377+/-0.325 χ^2/NDF : 680768.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1043.350+/-0.305 χ^2/NDF : 456694.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

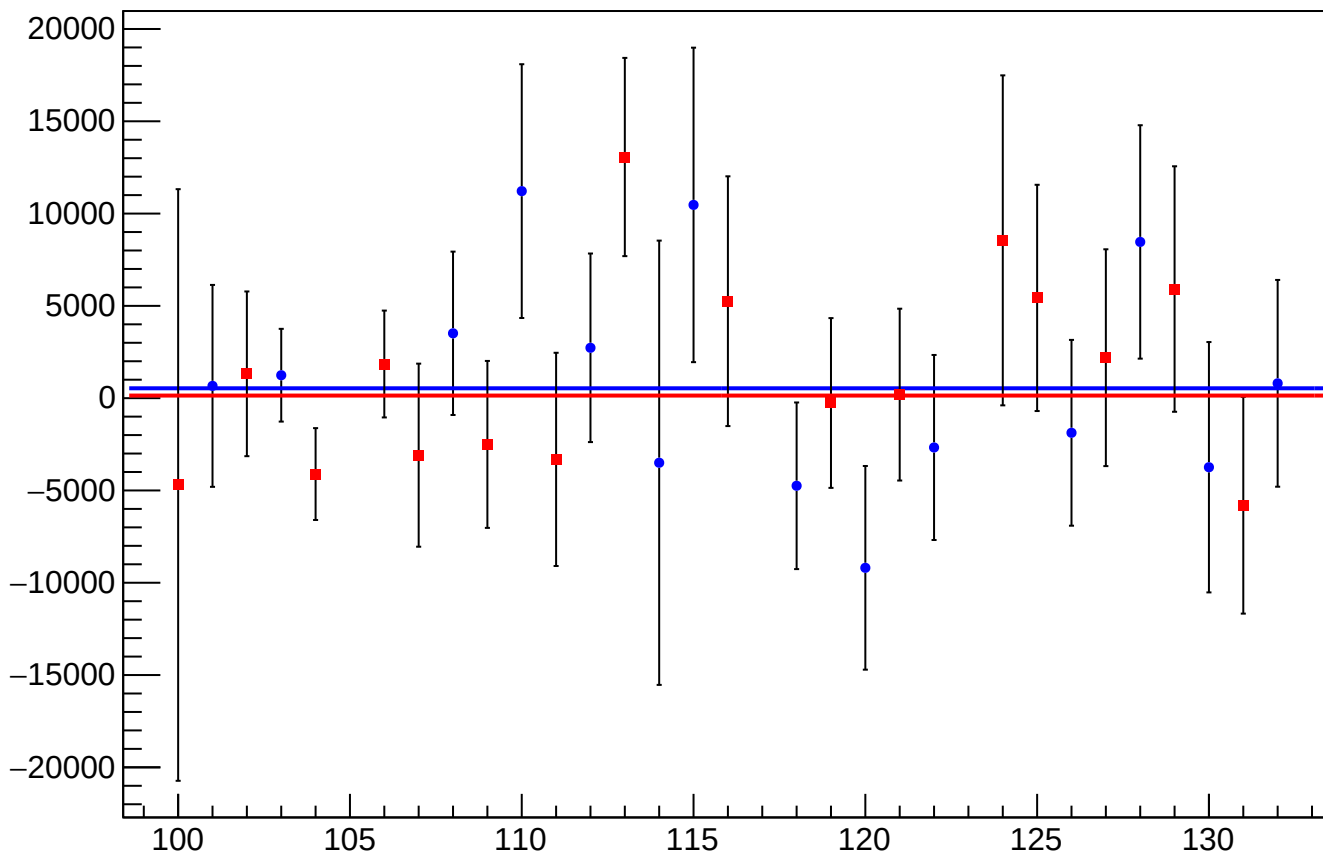
Right: 1065.824+/-0.222 χ^2/NDF : 1149082.6/29

In: 1091.377+/-0.325 χ^2/NDF : 680768.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1065.824+/-0.222 χ^2/NDF : 1149082.6/29

asym_usr_atr2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 535.002 $\pm$ 1332.787 χ^2 /NDF: 11.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 140.818 $\pm$ 1175.018 χ^2 /NDF: 14.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

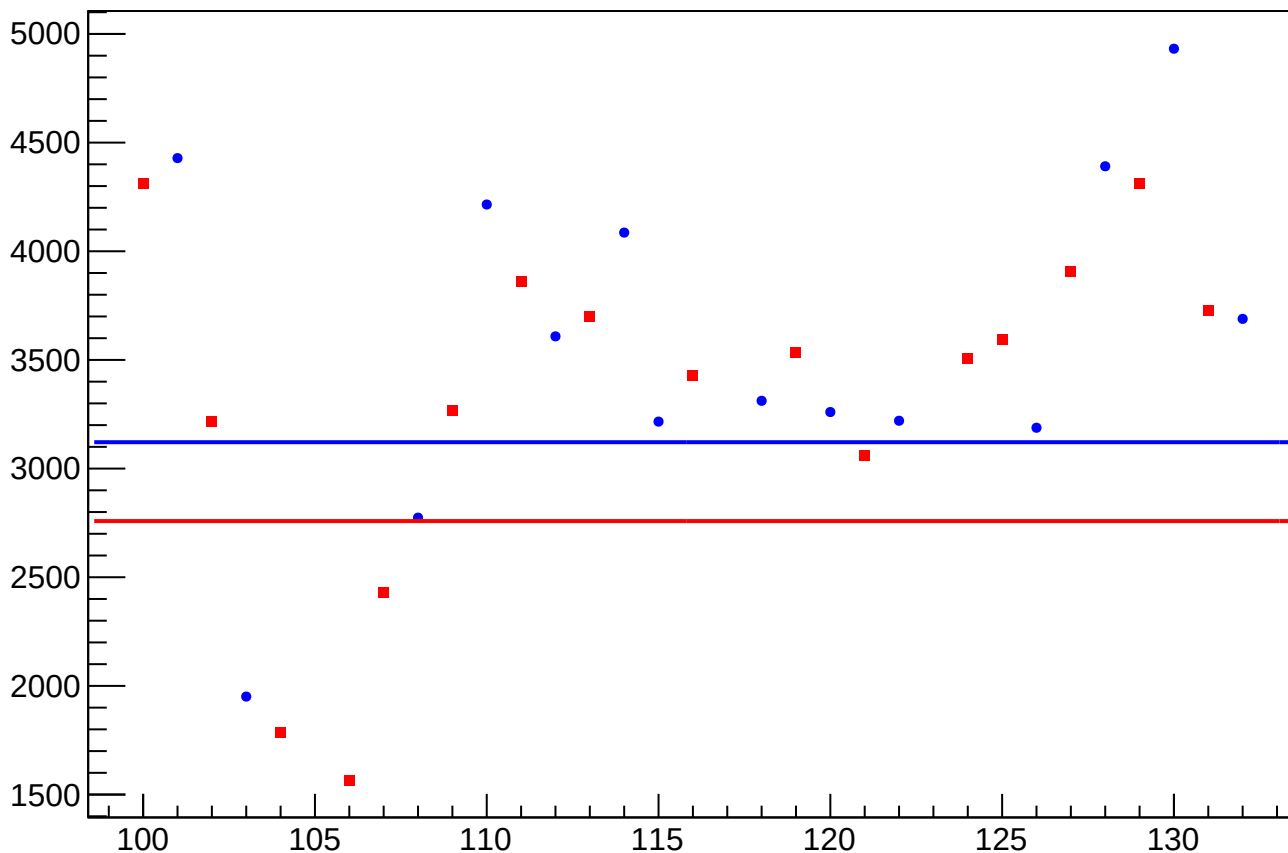
Right: 313.209 $\pm$ 881.391 χ^2 /NDF: 26.2/29

In: 535.002 $\pm$ 1332.787 χ^2 /NDF:11.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 313.209 $\pm$ 881.391 χ^2 /NDF: 26.2/29

asym_usr_atr2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3121.370+/-0.942 χ^2/NDF : 892307.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2758.486+/-0.831 χ^2/NDF : 1231692.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

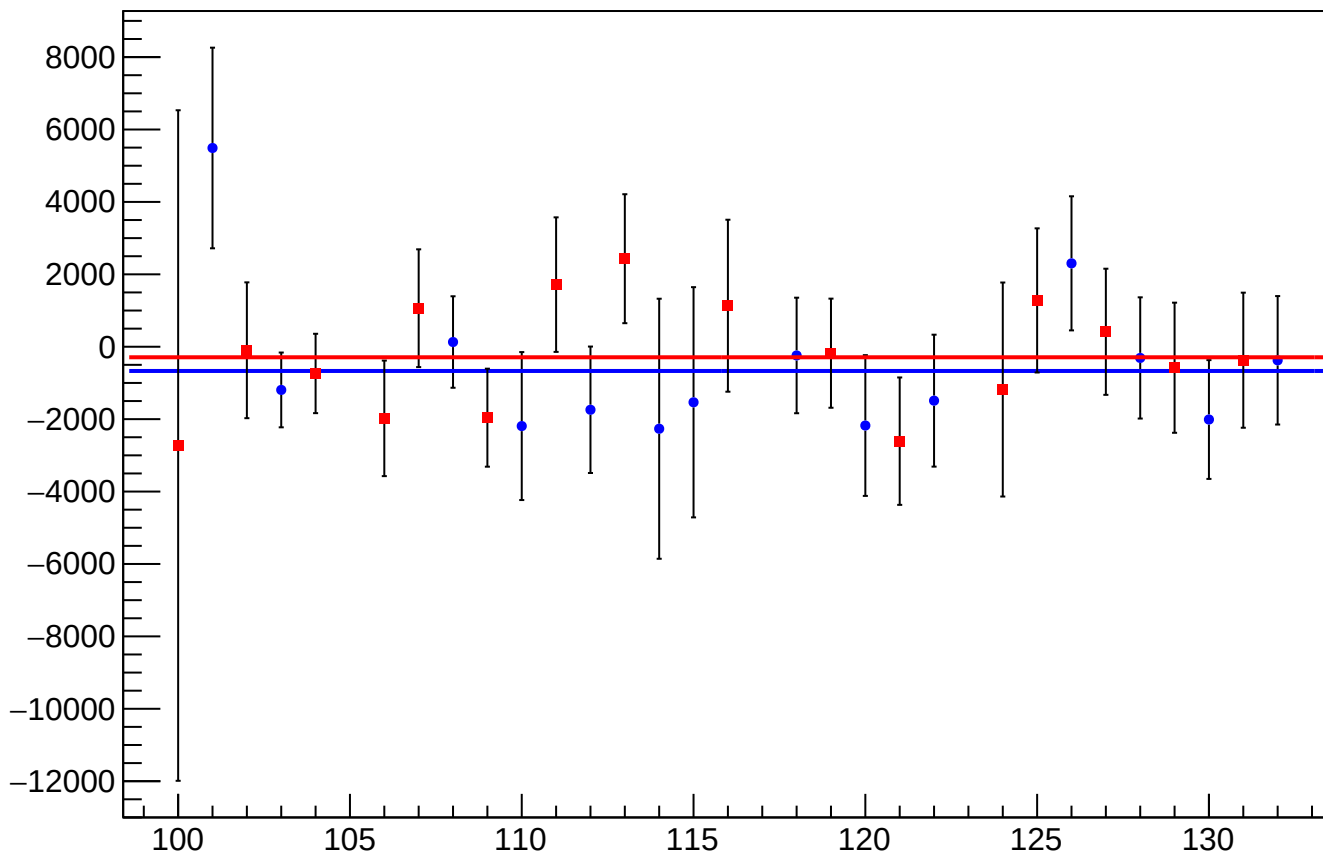
Right: 2917.189+/-0.623 χ^2/NDF : 2207424.1/29

In: 3121.370+/-0.942 χ^2/NDF : 892307.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2917.189+/-0.623 χ^2/NDF : 2207424.1/29

cor_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -669.284+/-459.605 χ^2/NDF : 11.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -290.916+/-435.048 χ^2/NDF : 10.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

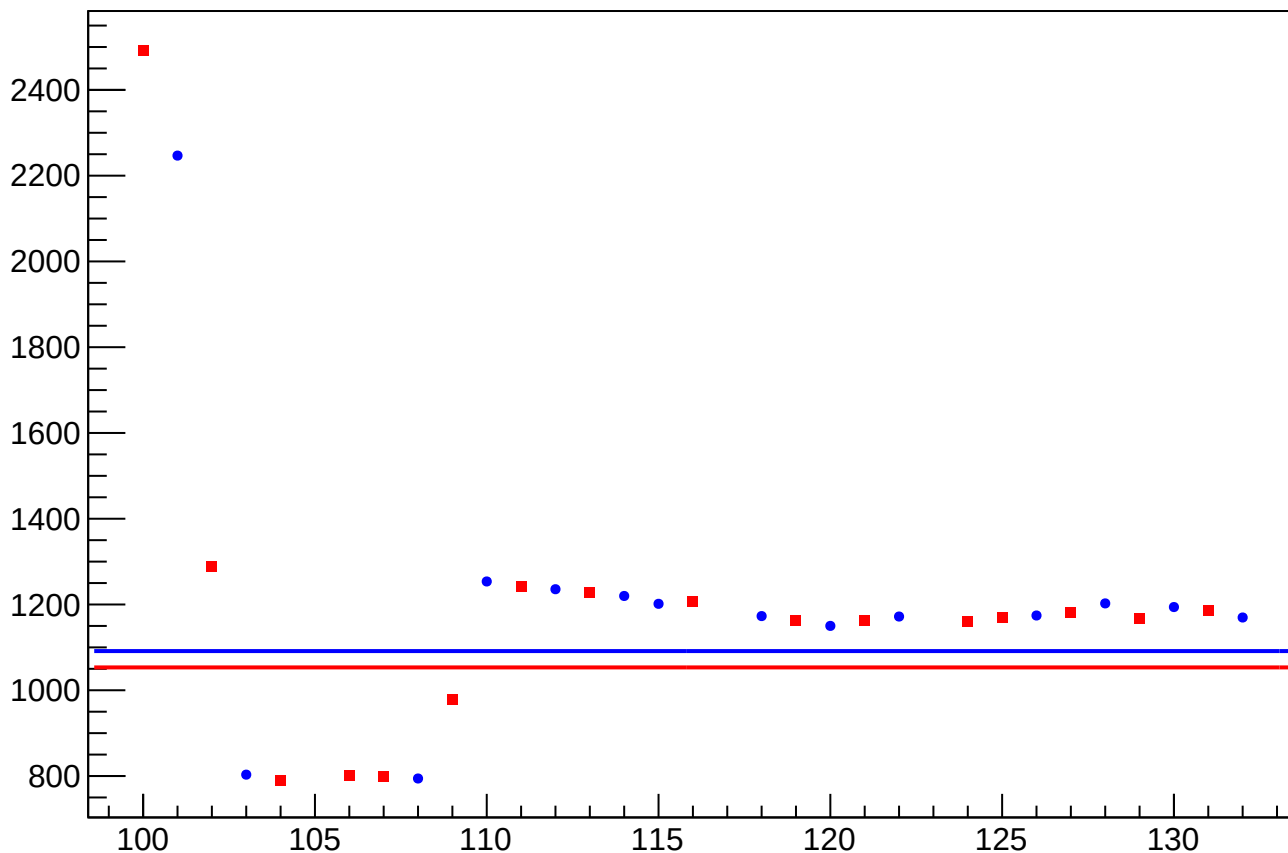
Right: -469.723+/-315.950 χ^2/NDF : 21.4/29

In: -669.284+/-459.605 χ^2/NDF : 11.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -469.723+/-315.950 χ^2/NDF : 21.4/29

cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1091.378+/-0.325 χ^2/NDF : 680765.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1053.271+/-0.307 χ^2/NDF : 408808.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

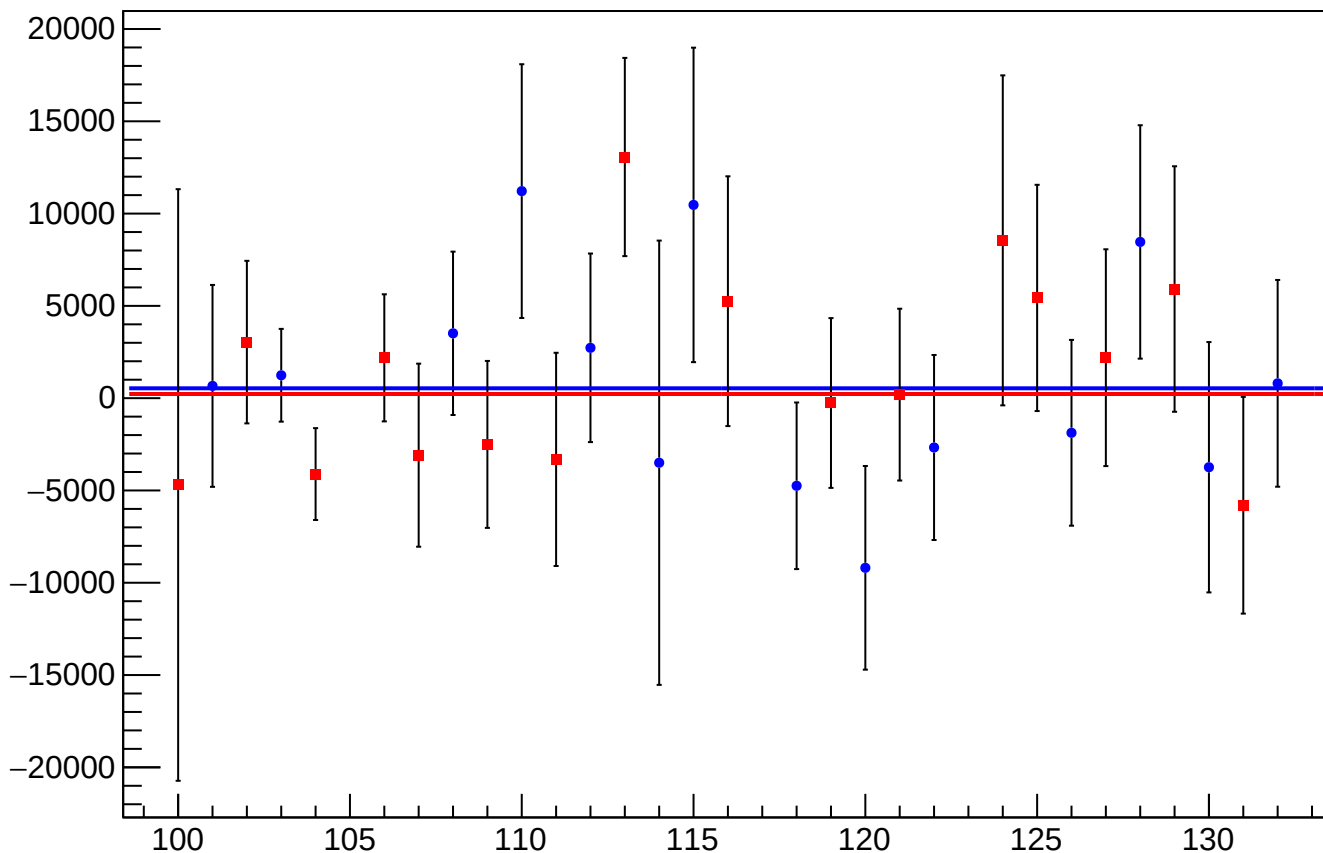
Right: 1071.238+/-0.223 χ^2/NDF : 1096840.0/29

In: 1091.378+/-0.325 χ^2/NDF : 680765.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1071.238+/-0.223 χ^2/NDF : 1096840.0/29

asym_usr_atr2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 534.363+/-1332.851 χ^2/NDF : 11.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 226.052+/-1203.288 χ^2/NDF : 14.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

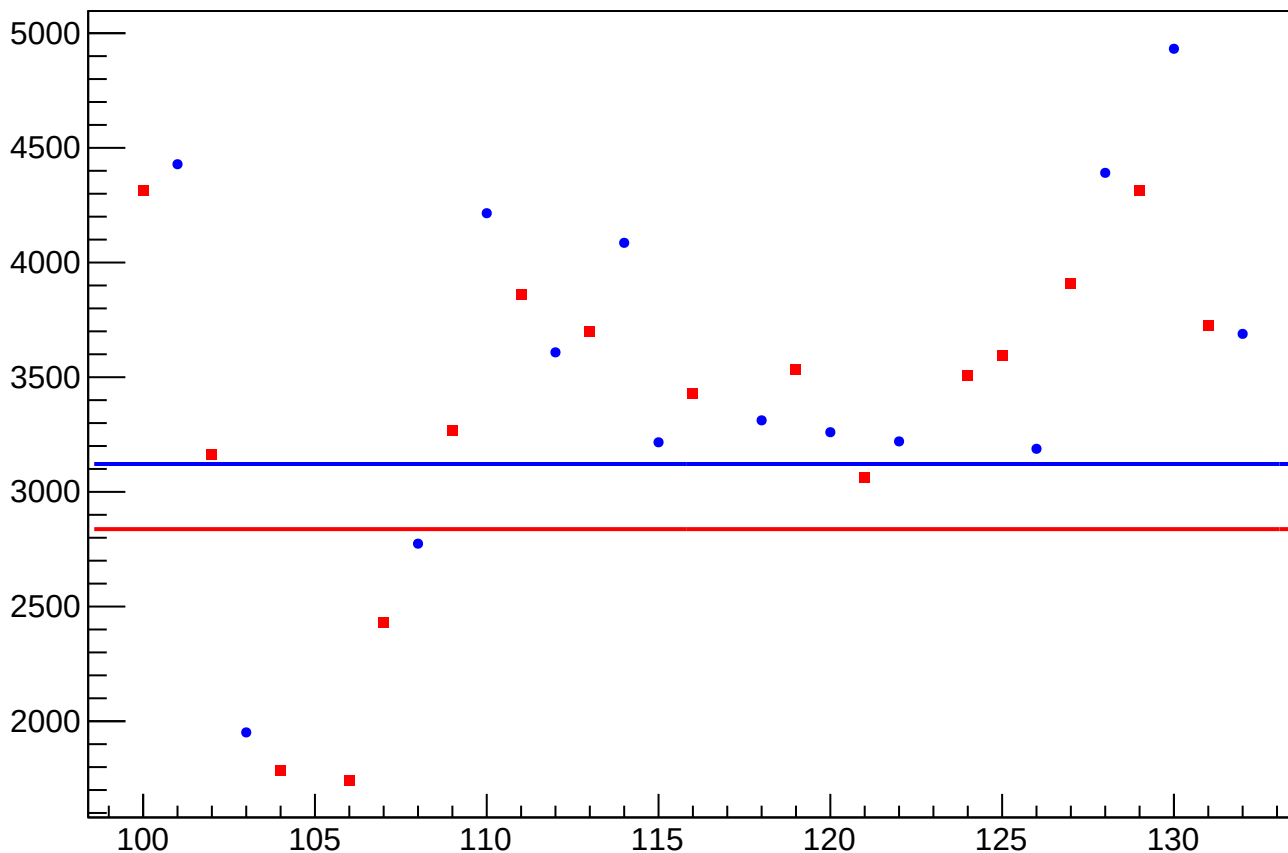
Right: 364.498+/-893.155 χ^2/NDF : 26.5/29

In: 534.363+/-1332.851 χ^2/NDF : 11.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 364.498+/-893.155 χ^2/NDF : 26.5/29

asym_usr_atr2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3121.581+/-0.942 χ^2/NDF : 891894.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2837.624+/-0.851 χ^2/NDF : 1053256.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

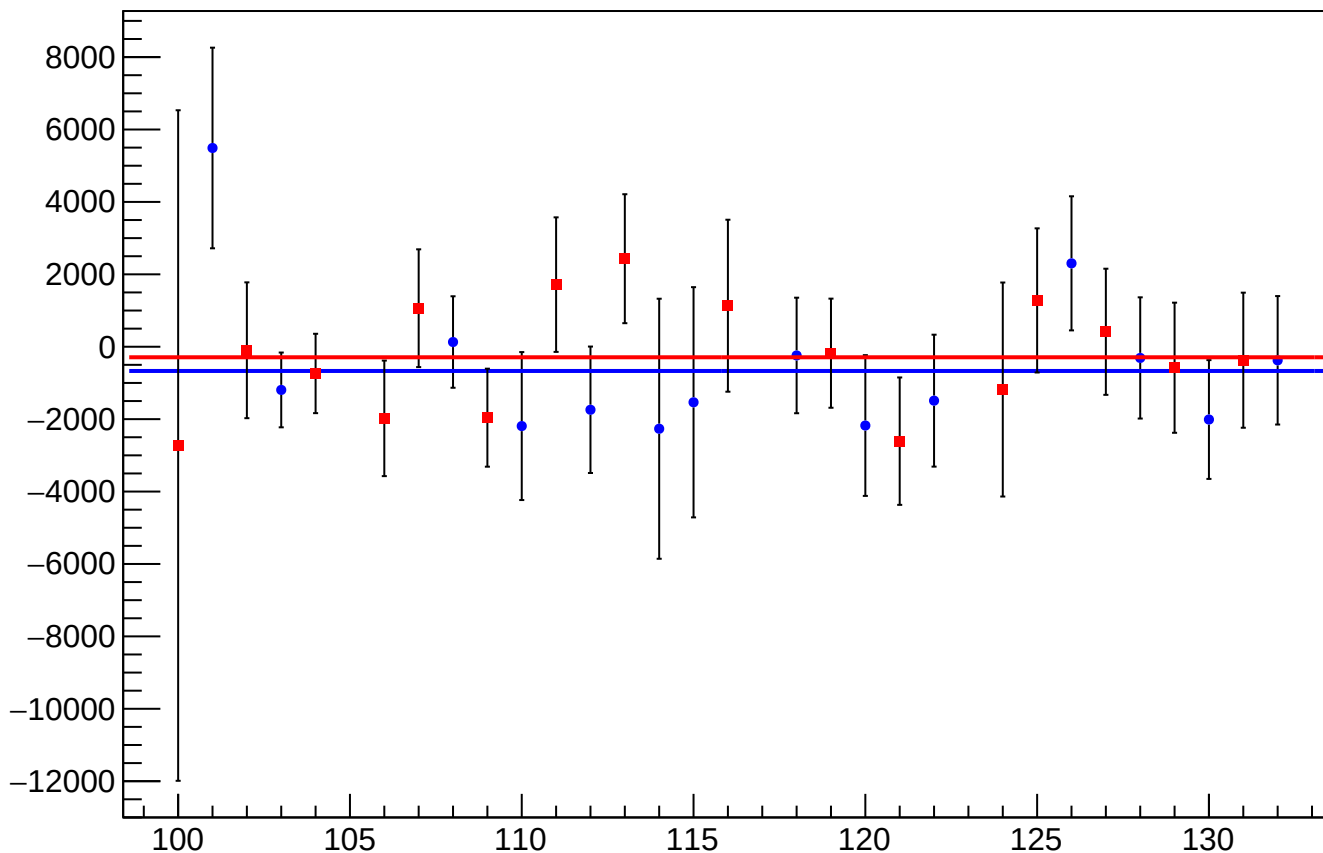
Right: 2965.134+/-0.632 χ^2/NDF : 1995165.1/29

In: 3121.581+/-0.942 χ^2/NDF : 891894.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2965.134+/-0.632 χ^2/NDF : 1995165.1/29

eigen_cor_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -669.284+/-459.605 χ^2/NDF : 11.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -290.916+/-435.048 χ^2/NDF : 10.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

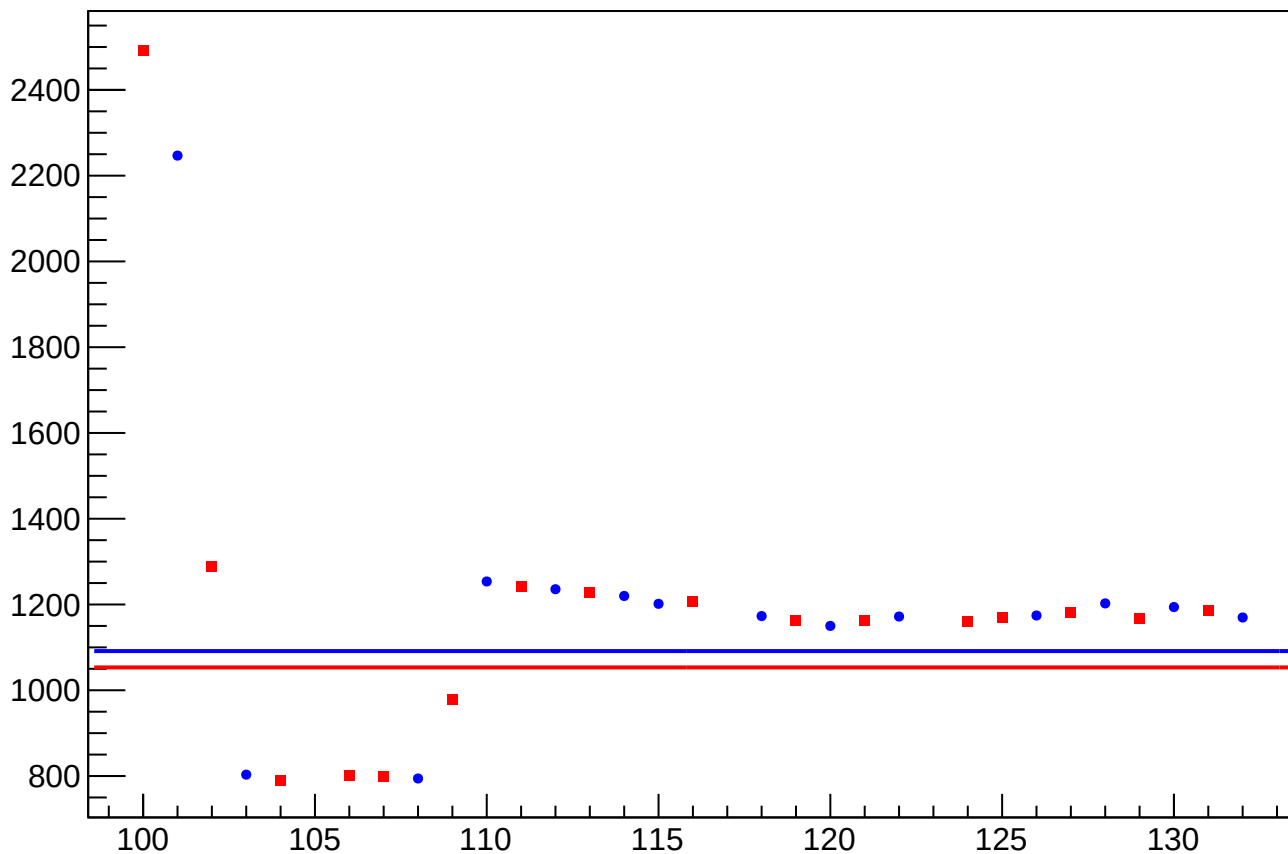
Right: -469.723+/-315.950 χ^2/NDF : 21.4/29

In: -669.284+/-459.605 χ^2/NDF : 11.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -469.723+/-315.950 χ^2/NDF : 21.4/29

eigen_cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1091.378+/-0.325 χ^2/NDF : 680765.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1053.271+/-0.307 χ^2/NDF : 408808.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

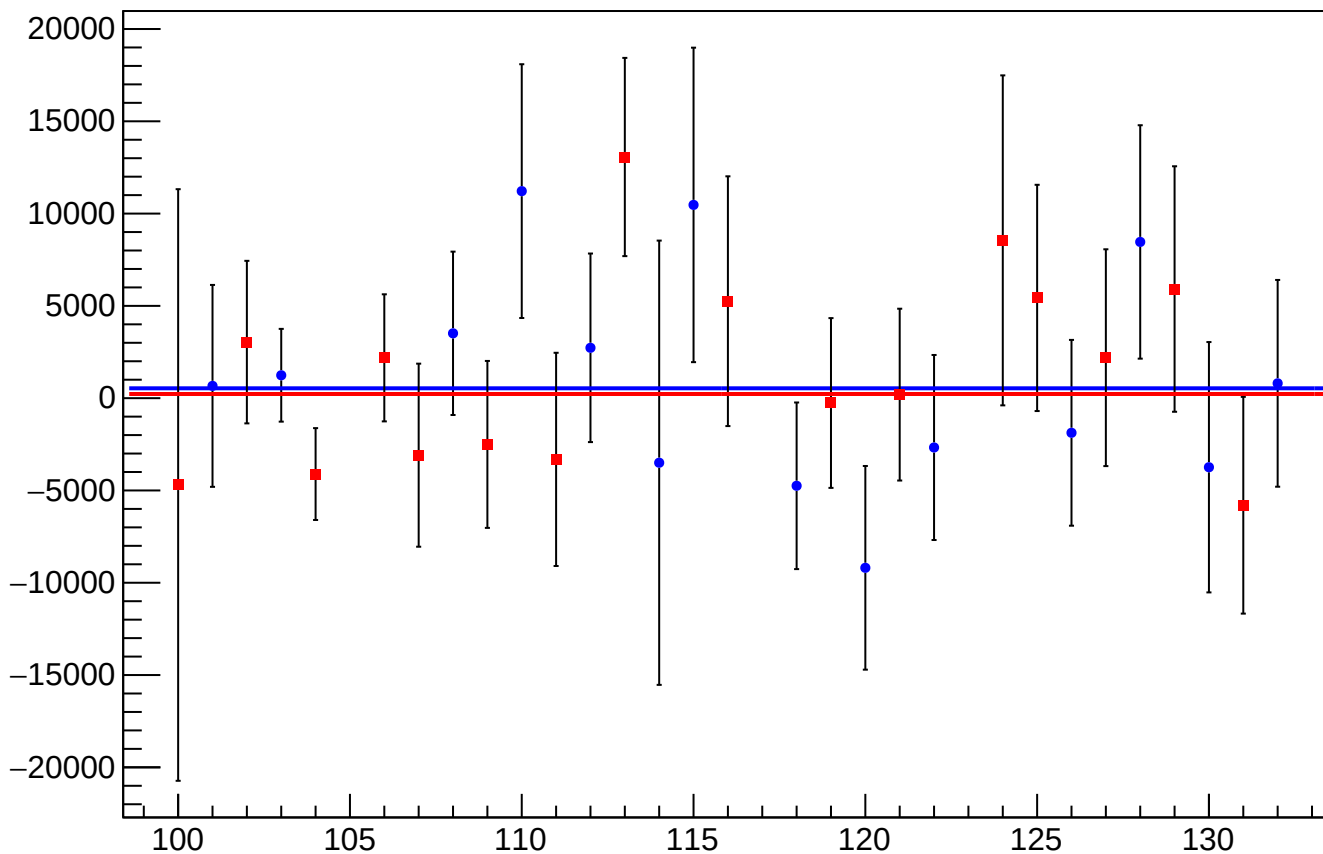
Right: 1071.238+/-0.223 χ^2/NDF : 1096840.0/29

In: 1091.378+/-0.325 χ^2/NDF : 680765.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1071.238+/-0.223 χ^2/NDF : 1096840.0/29

asym_usr_atr2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 534.363+/-1332.851 χ^2/NDF : 11.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 226.052+/-1203.288 χ^2/NDF : 14.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

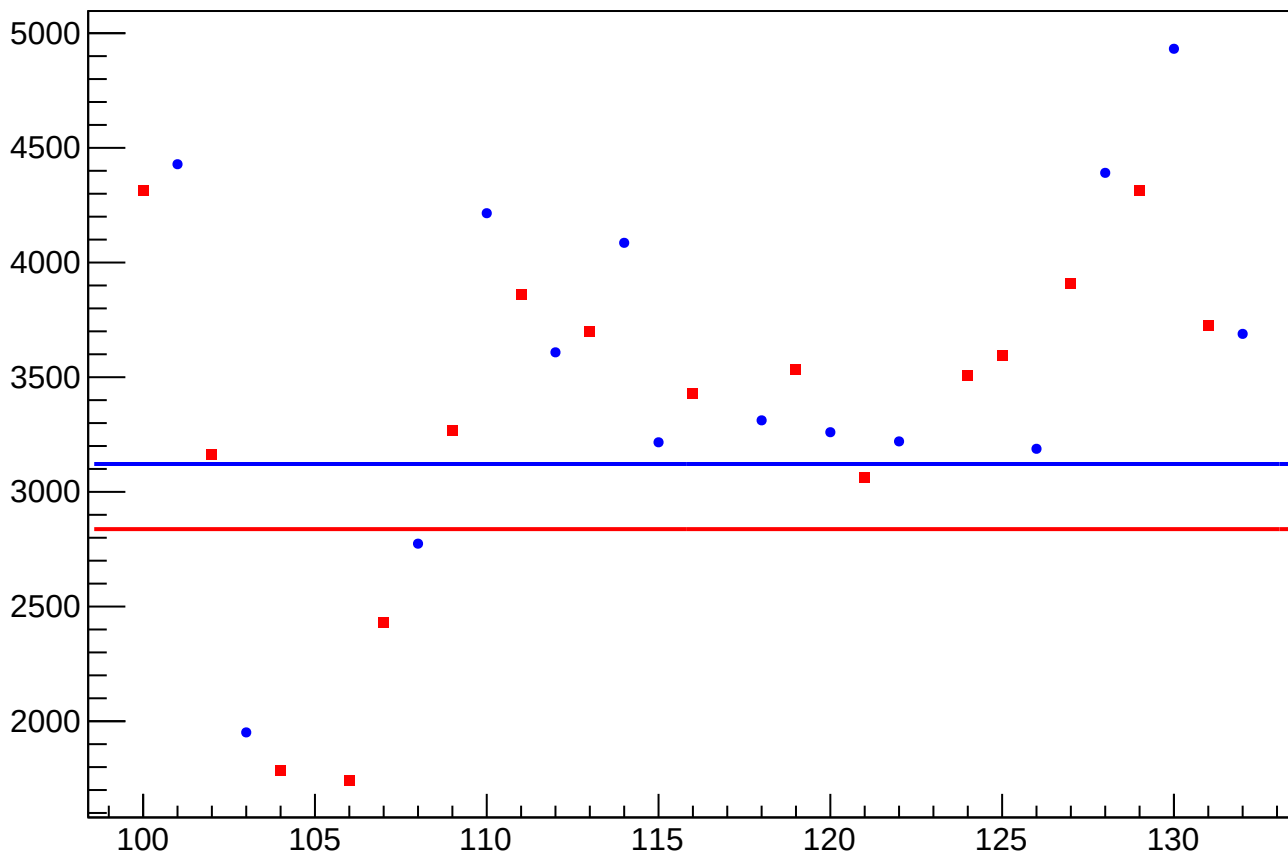
Right: 364.498+/-893.155 χ^2/NDF : 26.5/29

In: 534.363+/-1332.851 χ^2/NDF : 11.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 364.498+/-893.155 χ^2/NDF : 26.5/29

asym_usr_atr2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3121.581+/-0.942 χ^2/NDF : 891894.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2837.624+/-0.851 χ^2/NDF : 1053256.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

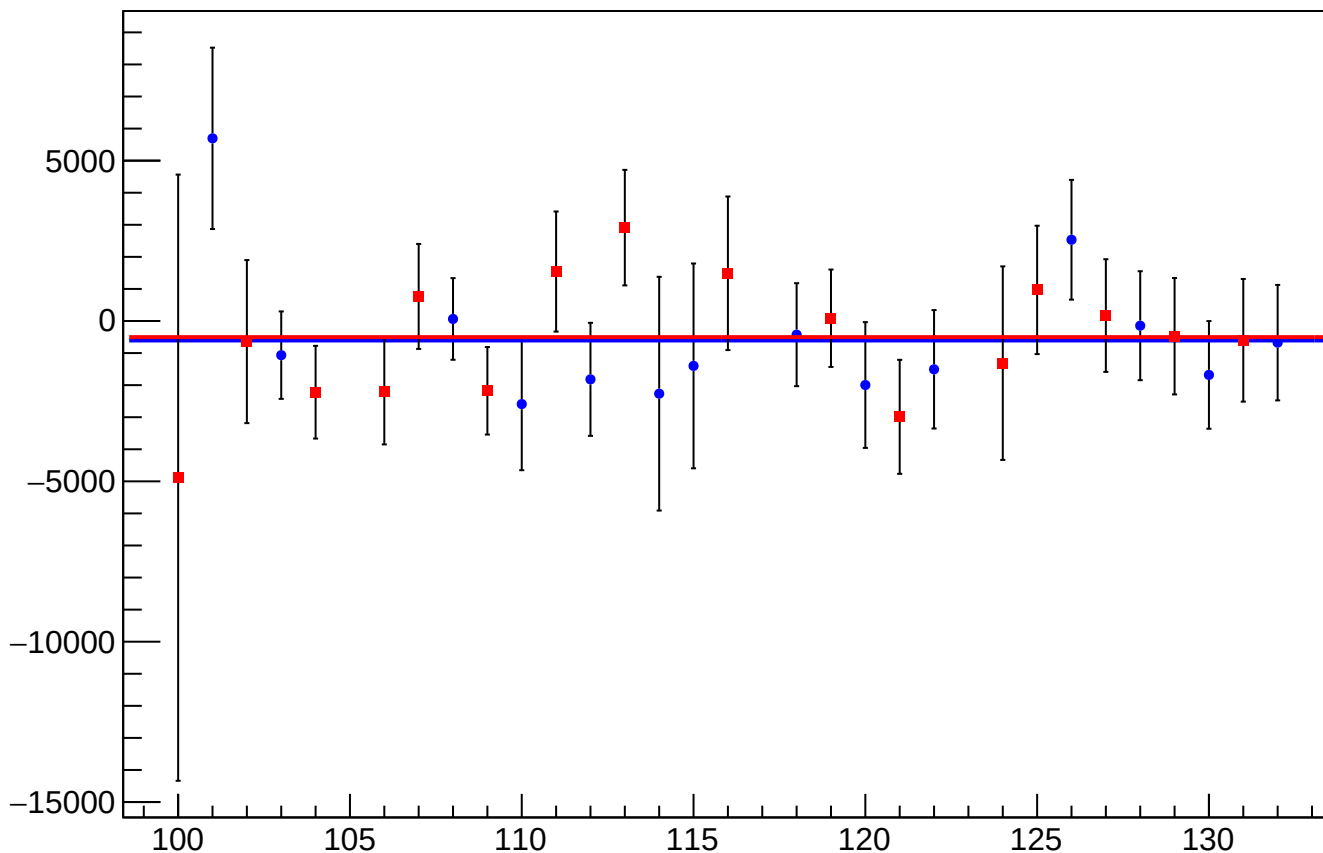
Right: 2965.134+/-0.632 χ^2/NDF : 1995165.1/29

In: 3121.581+/-0.942 χ^2/NDF : 891894.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2965.134+/-0.632 χ^2/NDF : 1995165.1/29

dit_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -606.965+/-485.117 χ^2/NDF : 11.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -503.126+/-461.409 χ^2/NDF : 13.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

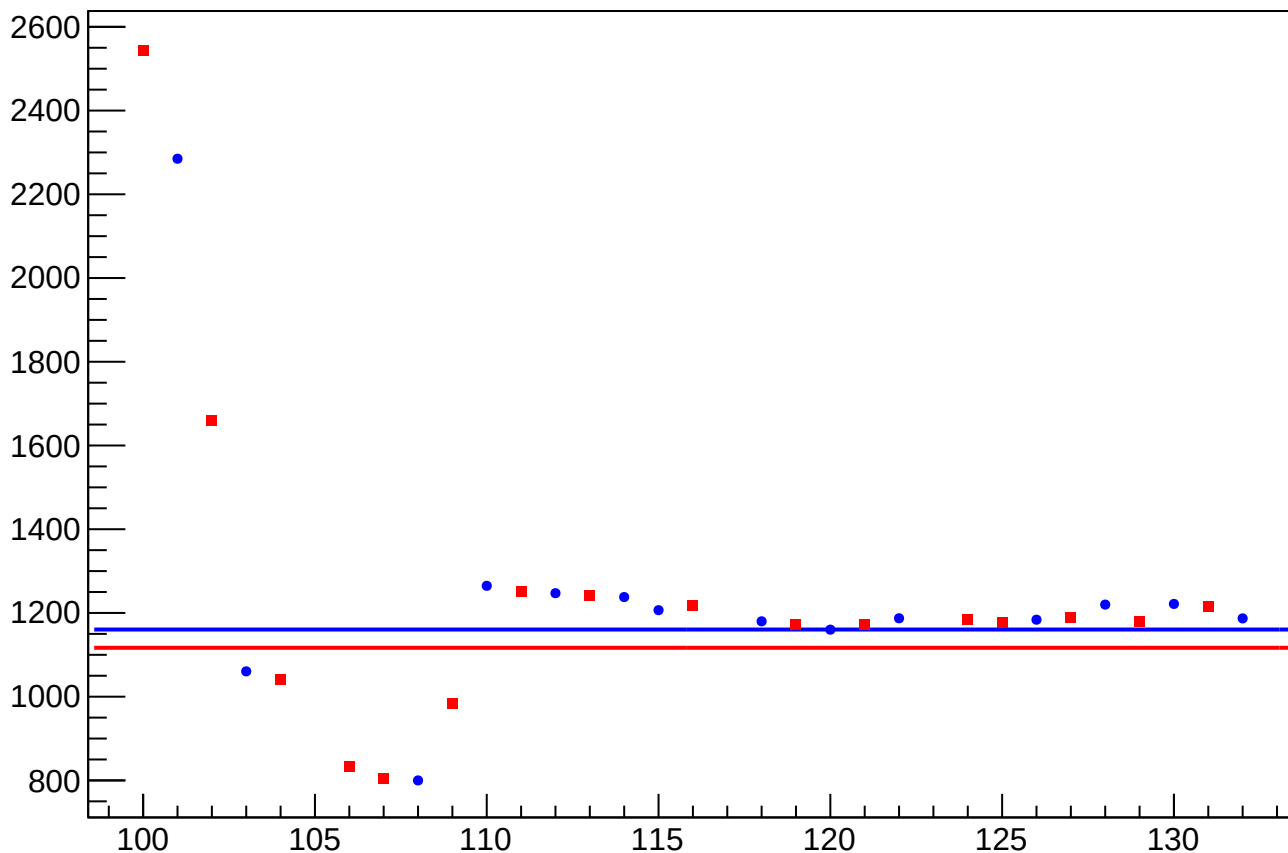
Right: -552.446+/-334.333 χ^2/NDF : 24.2/29

In: -606.965+/-485.117 χ^2/NDF : 11.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -552.446+/-334.333 χ^2/NDF : 24.2/29

dit_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1160.400+/-0.343 χ^2/NDF : 505415.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1116.815+/-0.326 χ^2/NDF : 335366.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

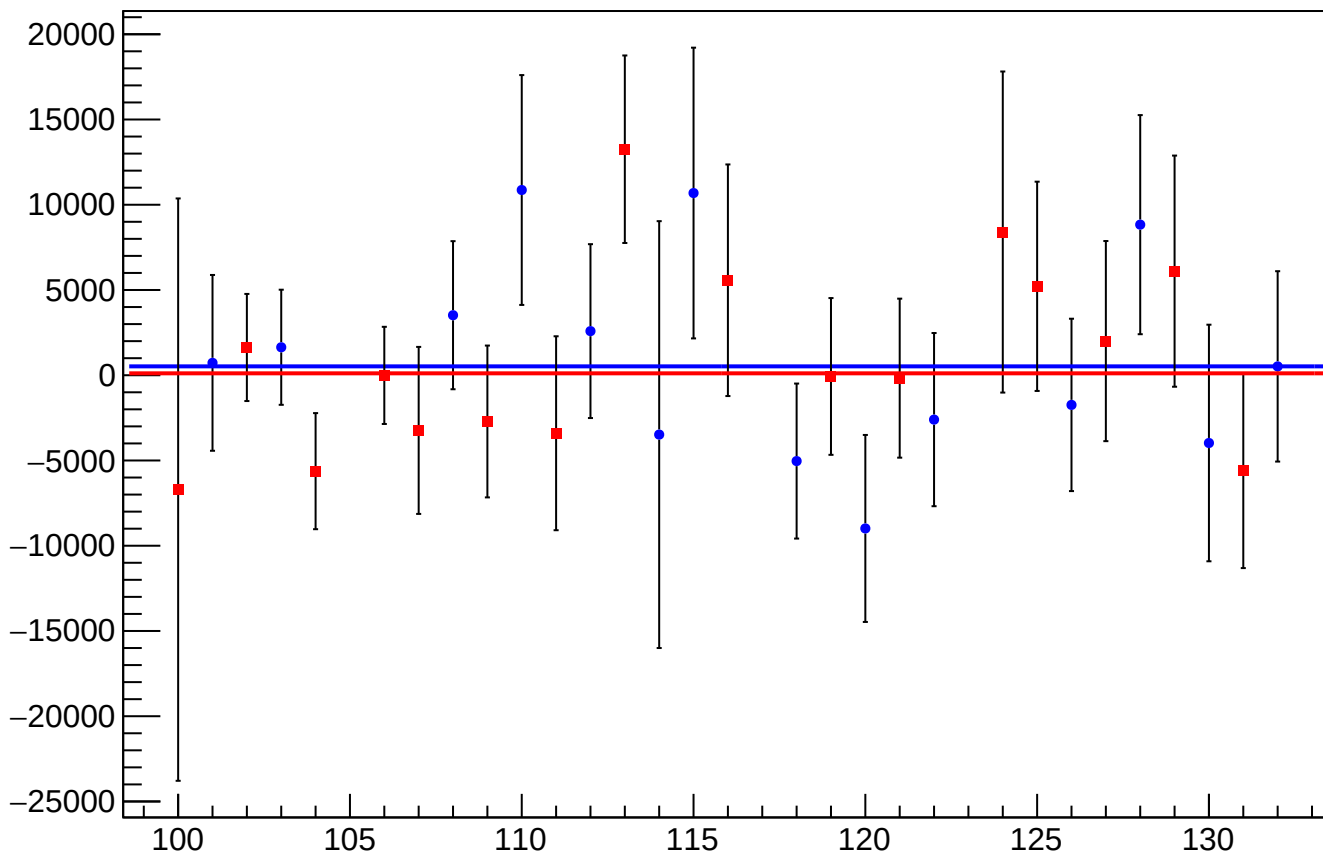
Right: 1137.505+/-0.236 χ^2/NDF : 849261.7/29

In: 1160.400+/-0.343 χ^2/NDF : 505415.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1137.505+/-0.236 χ^2/NDF : 849261.7/29

asym_usr_atr2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 520.693 $\pm$ 1420.494 χ^2 /NDF: 11.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 111.935 $\pm$ 1191.334 χ^2 /NDF: 14.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

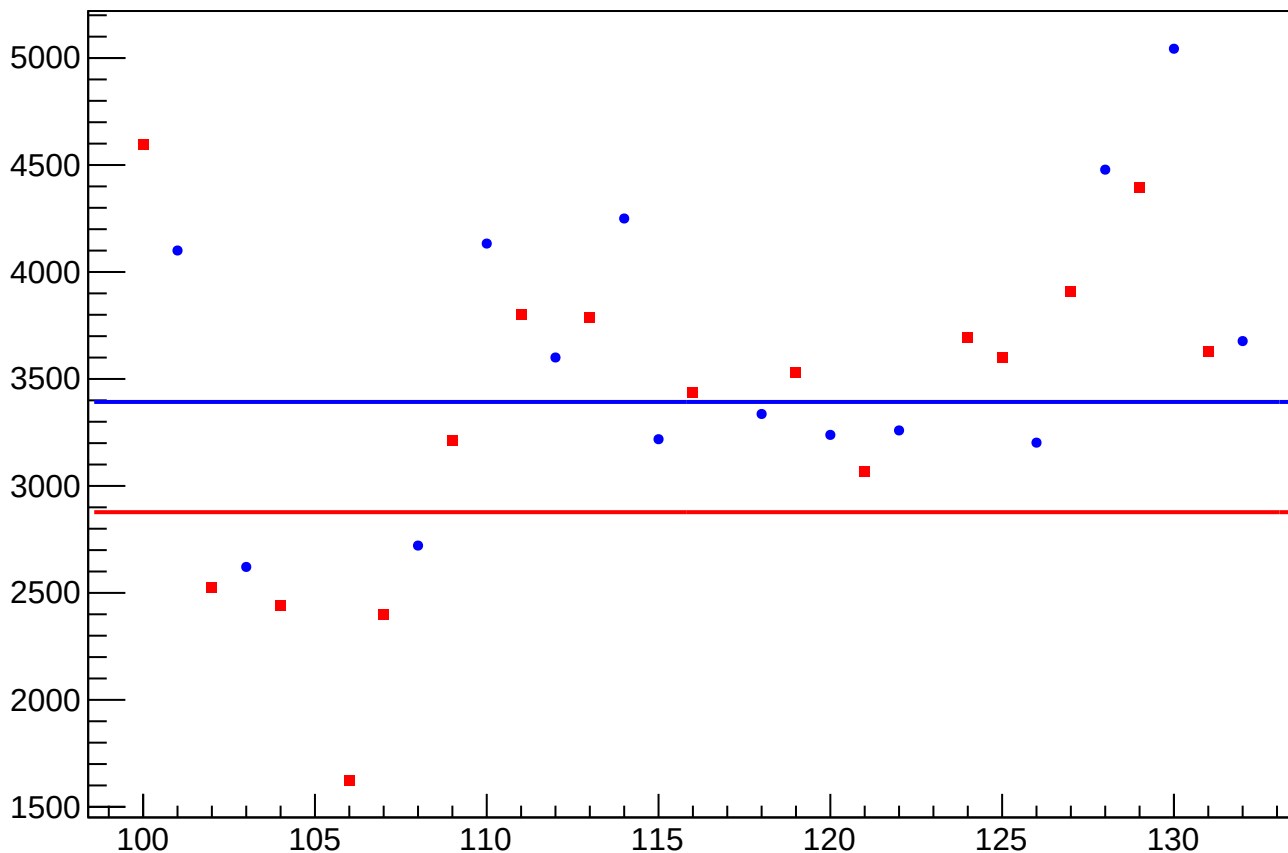
Right: 280.724 $\pm$ 912.805 χ^2 /NDF: 26.1/29

In: 520.693 $\pm$ 1420.494 χ^2 /NDF:11.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 280.724 $\pm$ 912.805 χ^2 /NDF: 26.1/29

asym_usr_atr2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3392.567+/-1.004 χ^2/NDF : 409149.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2877.328+/-0.842 χ^2/NDF : 899567.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

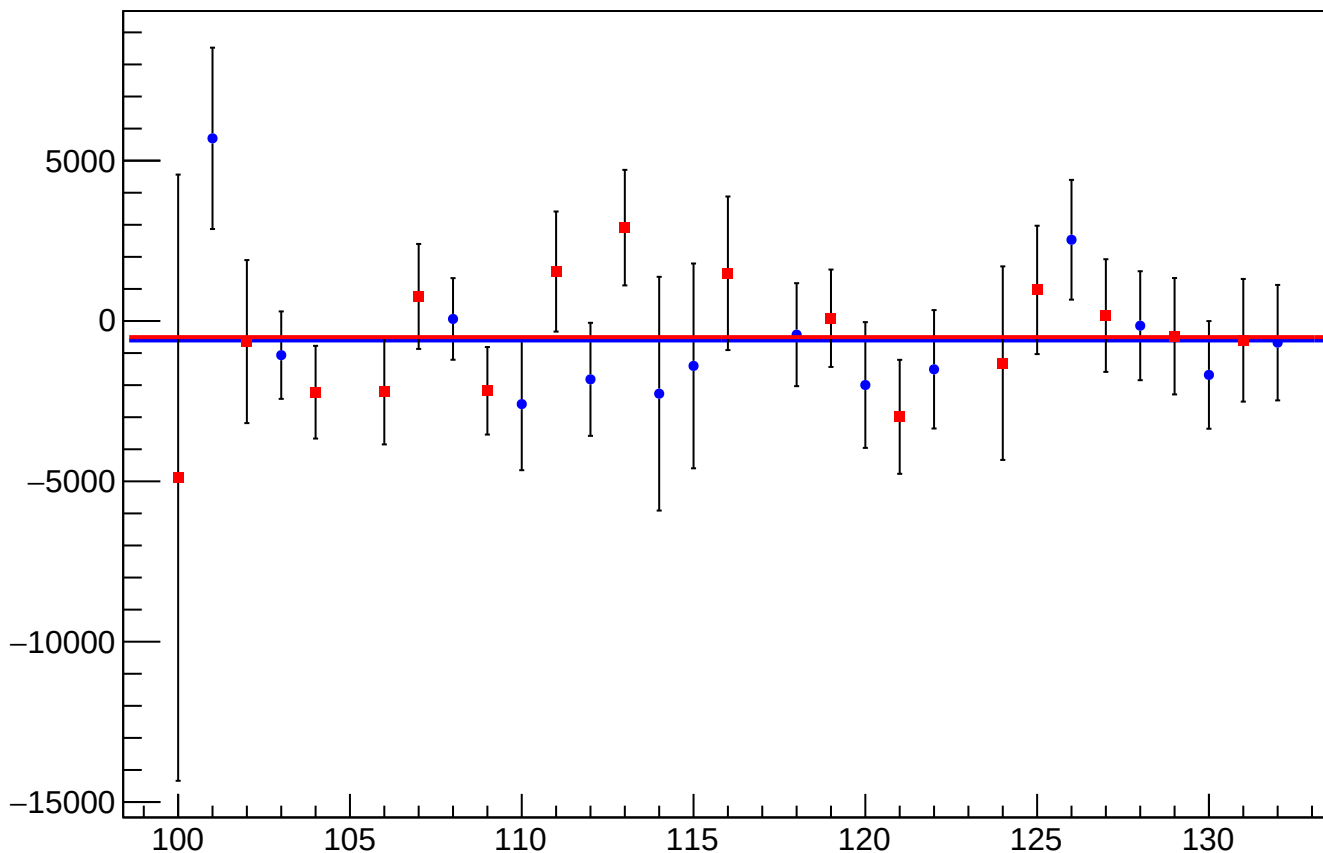
Right: 3090.086+/-0.645 χ^2/NDF : 1463191.8/29

In: 3392.567+/-1.004 χ^2/NDF : 409149.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3090.086+/-0.645 χ^2/NDF : 1463191.8/29

eigen_dit_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -606.963+/-485.117 χ^2/NDF : 11.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -503.131+/-461.409 χ^2/NDF : 13.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

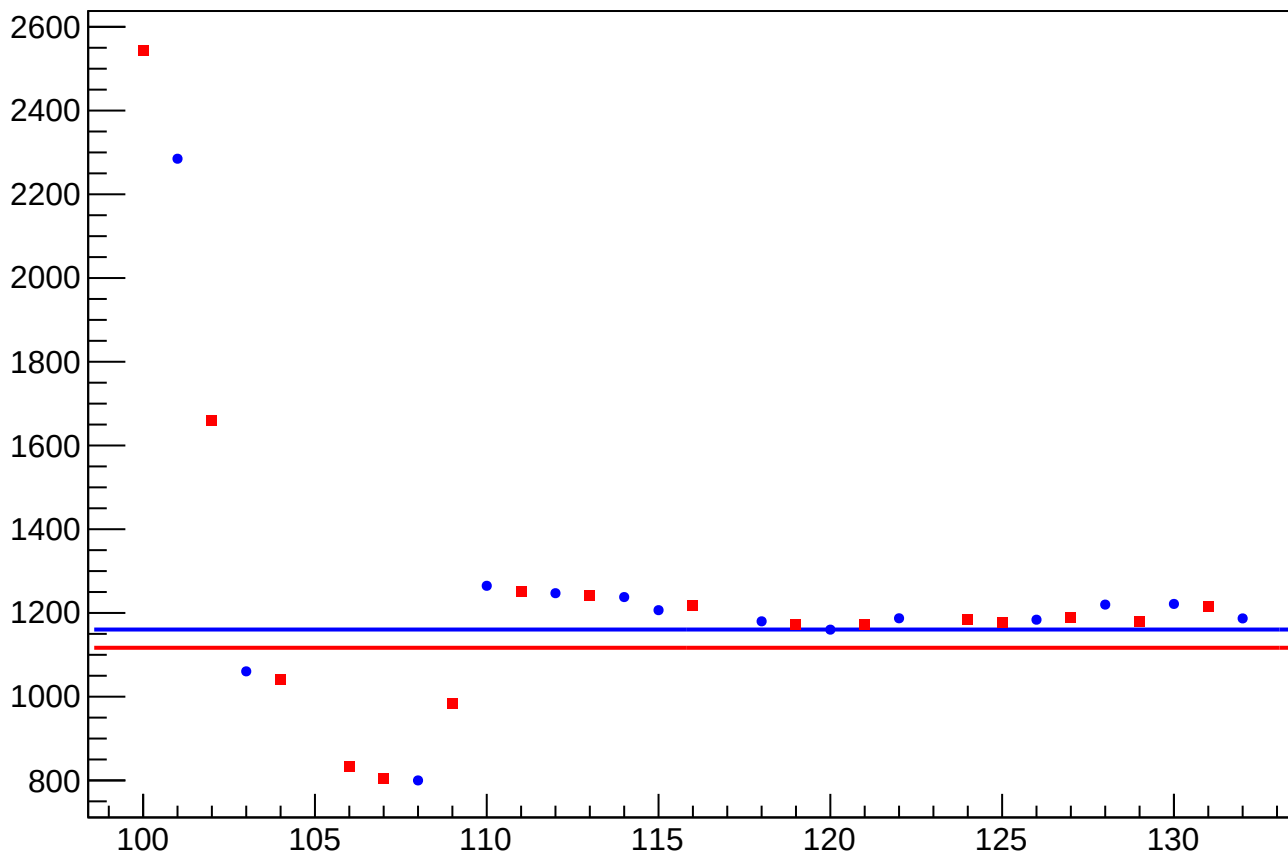
Right: -552.448+/-334.333 χ^2/NDF : 24.2/29

In: -606.963+/-485.117 χ^2/NDF :11.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -552.448+/-334.333 χ^2/NDF : 24.2/29

eigen_dit_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1160.399+/-0.343 χ^2/NDF : 505415.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1116.815+/-0.326 χ^2/NDF : 335366.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

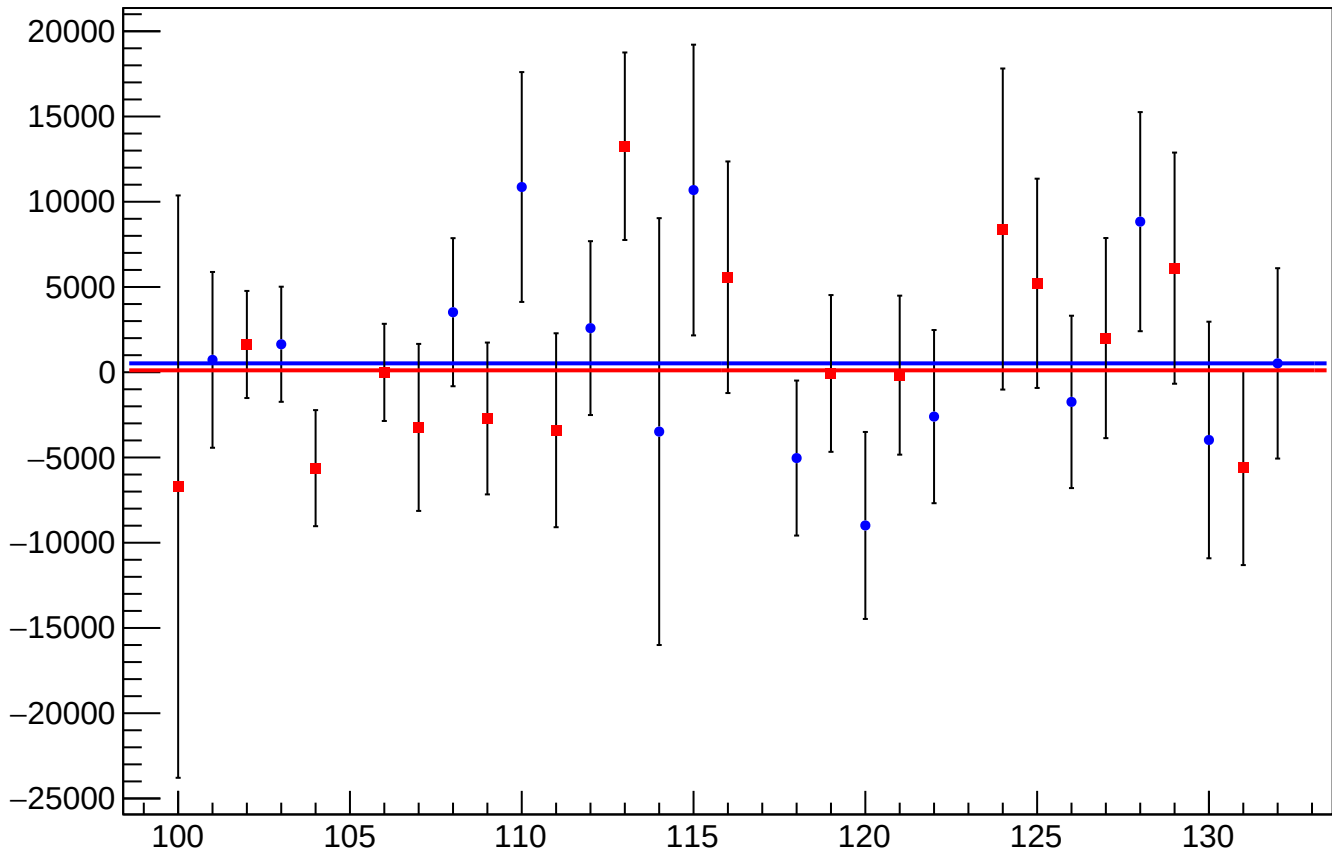
Right: 1137.505+/-0.236 χ^2/NDF : 849261.5/29

In: 1160.399+/-0.343 χ^2/NDF : 505415.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1137.505+/-0.236 χ^2/NDF : 849261.5/29

asym_usr_atr2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 520.686 $\pm$ 1420.491 χ^2 /NDF: 11.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 111.929 $\pm$ 1191.331 χ^2 /NDF: 14.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

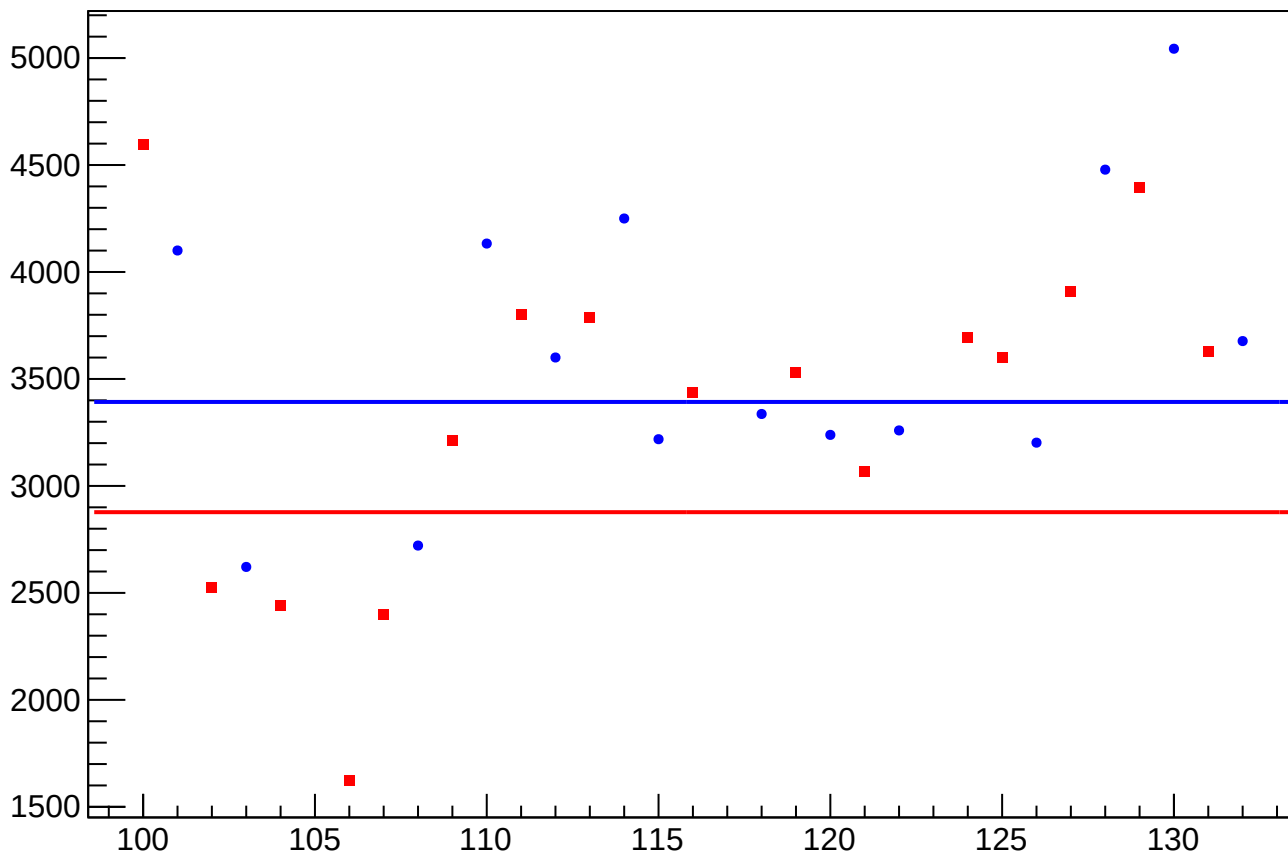
Right: 280.717 $\pm$ 912.803 χ^2 /NDF: 26.1/29

In: 520.686 $\pm$ 1420.491 χ^2 /NDF:11.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 280.717 $\pm$ 912.803 χ^2 /NDF: 26.1/29

asym_usr_atr2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3392.561+/-1.004 χ^2/NDF : 409145.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2877.322+/-0.842 χ^2/NDF : 899566.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

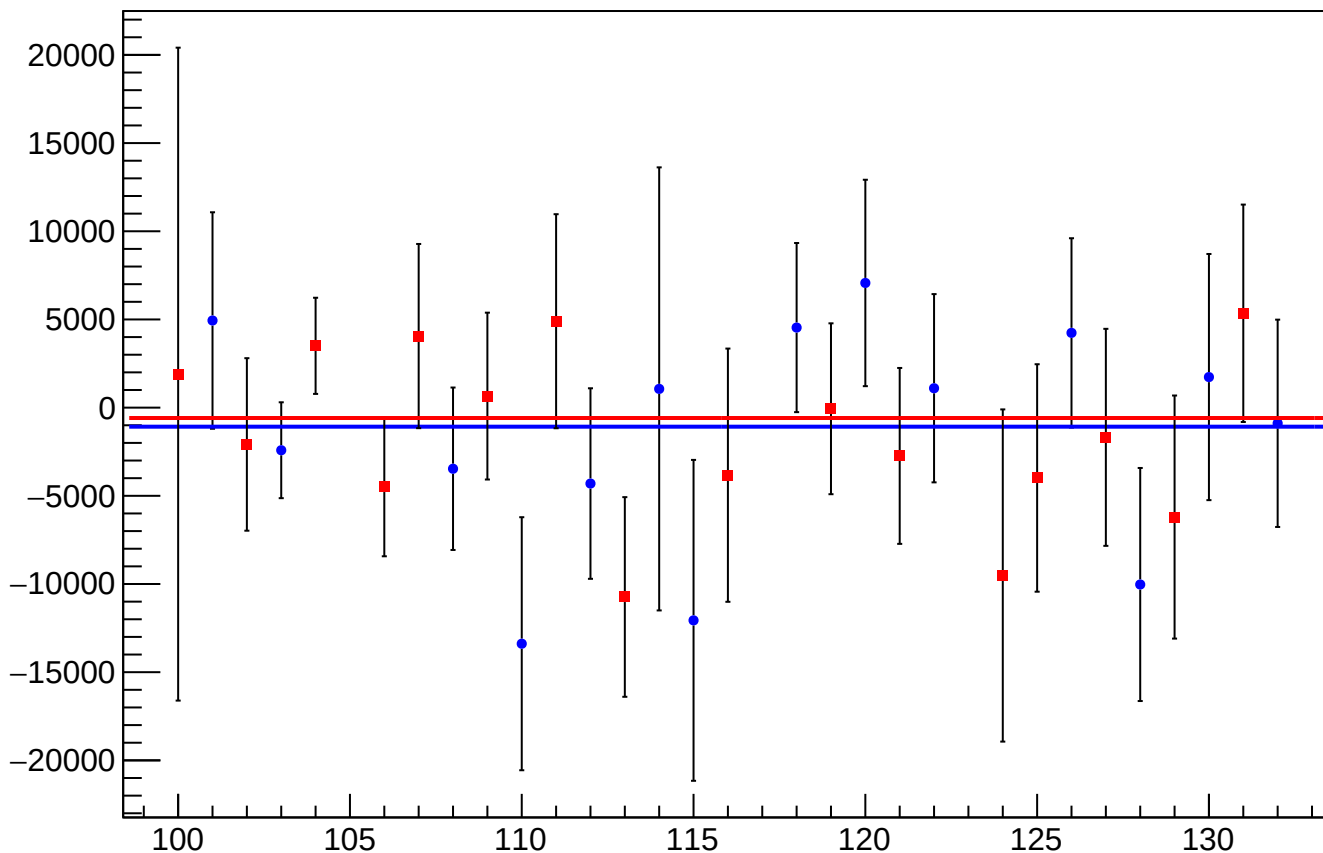
Right: 3090.080+/-0.645 χ^2/NDF : 1463186.6/29

In: 3392.561+/-1.004 χ^2/NDF : 409145.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3090.080+/-0.645 χ^2/NDF : 1463186.6/29

asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -1080.114 $\pm$ 1419.755 χ^2 /NDF: 12.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -588.204 $\pm$ 1296.278 χ^2 /NDF: 11.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

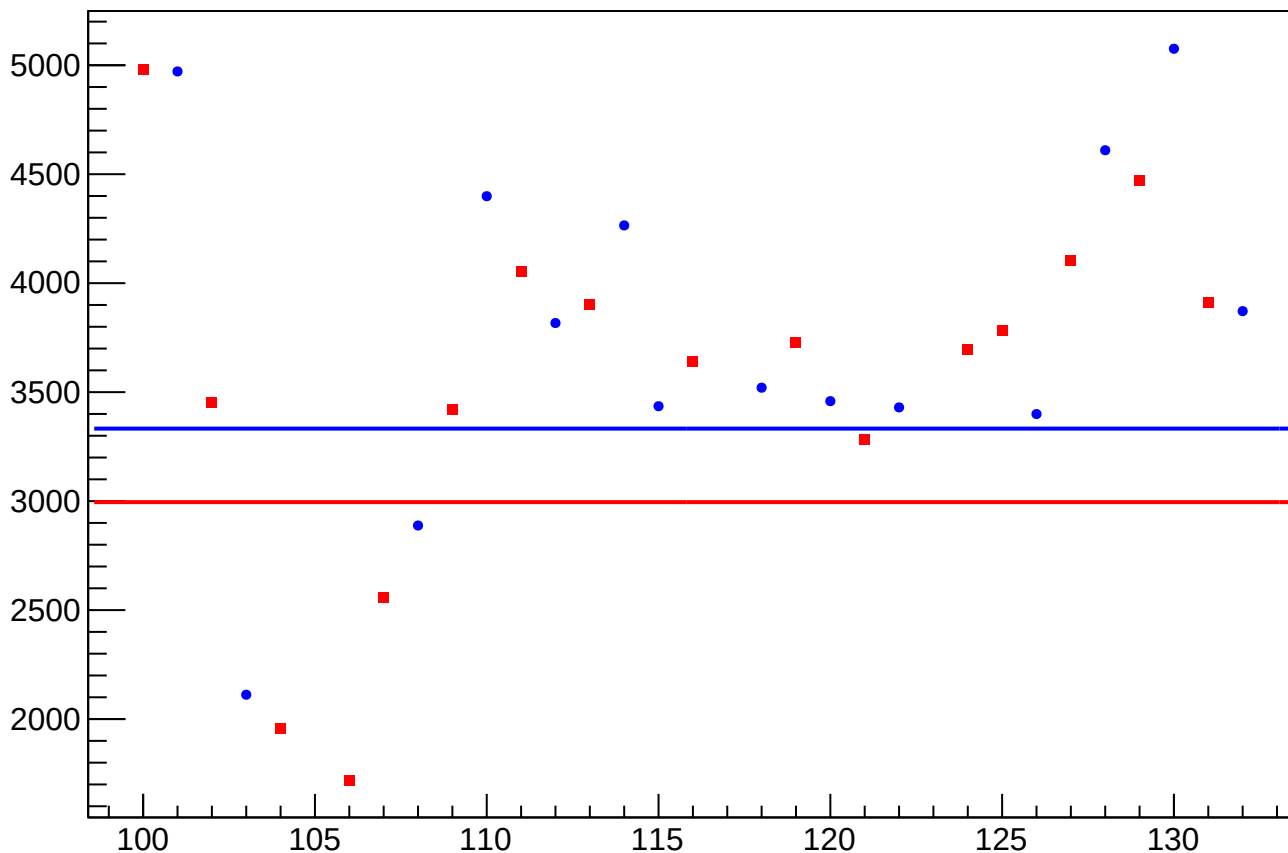
Right: -811.842 $\pm$ 957.289 χ^2 /NDF: 24.2/29

In: -1080.114 $\pm$ 1419.755 χ^2 /NDF:12.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -811.842 $\pm$ 957.289 χ^2 /NDF: 24.2/29

asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 3332.709+/-1.004 χ^2/NDF : 857646.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2995.376+/-0.899 χ^2/NDF : 1068544.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

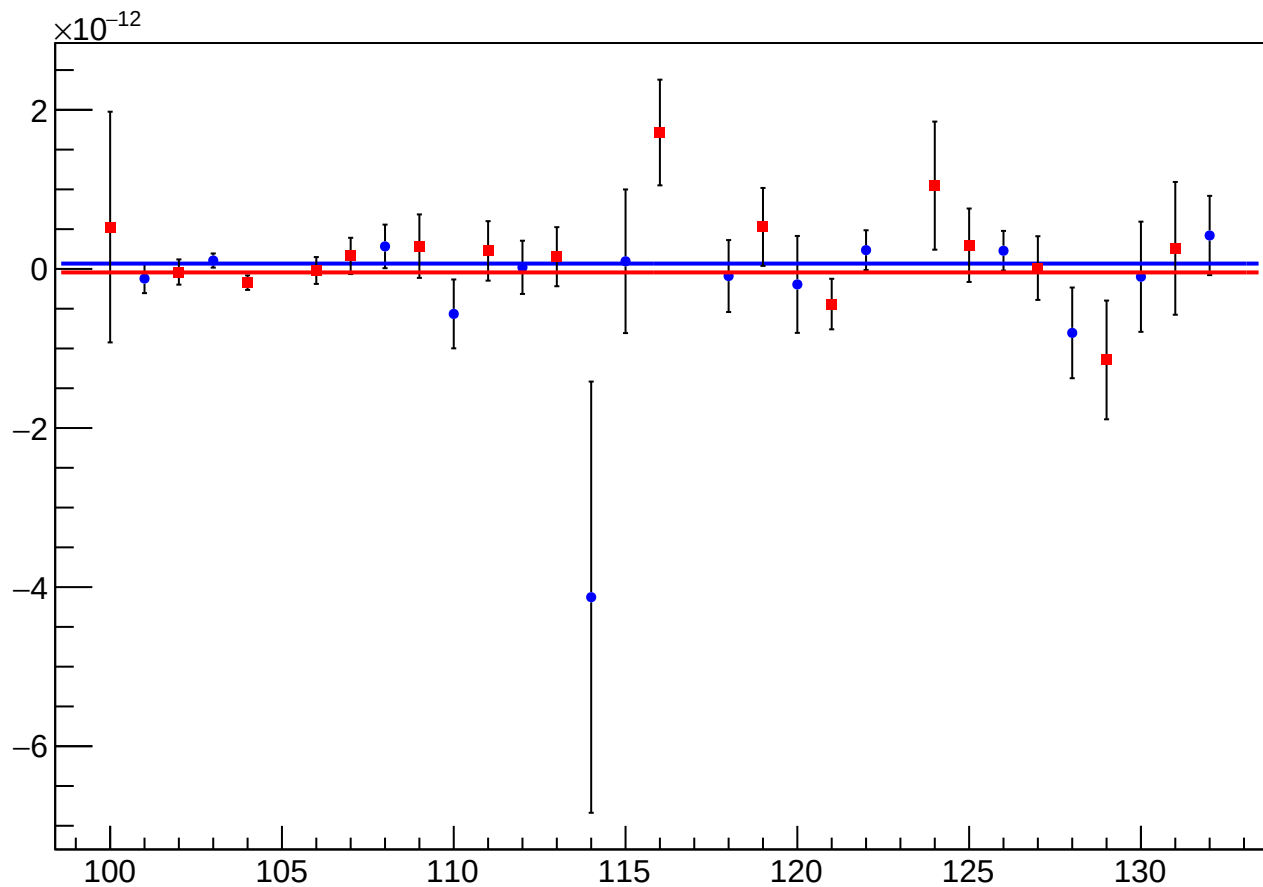
Right: 3145.583+/-0.670 χ^2/NDF : 1988823.6/29

In: 3332.709+/-1.004 χ^2/NDF : 857646.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3145.583+/-0.670 χ^2/NDF : 1988823.6/29

asym_usr_atr2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 19.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

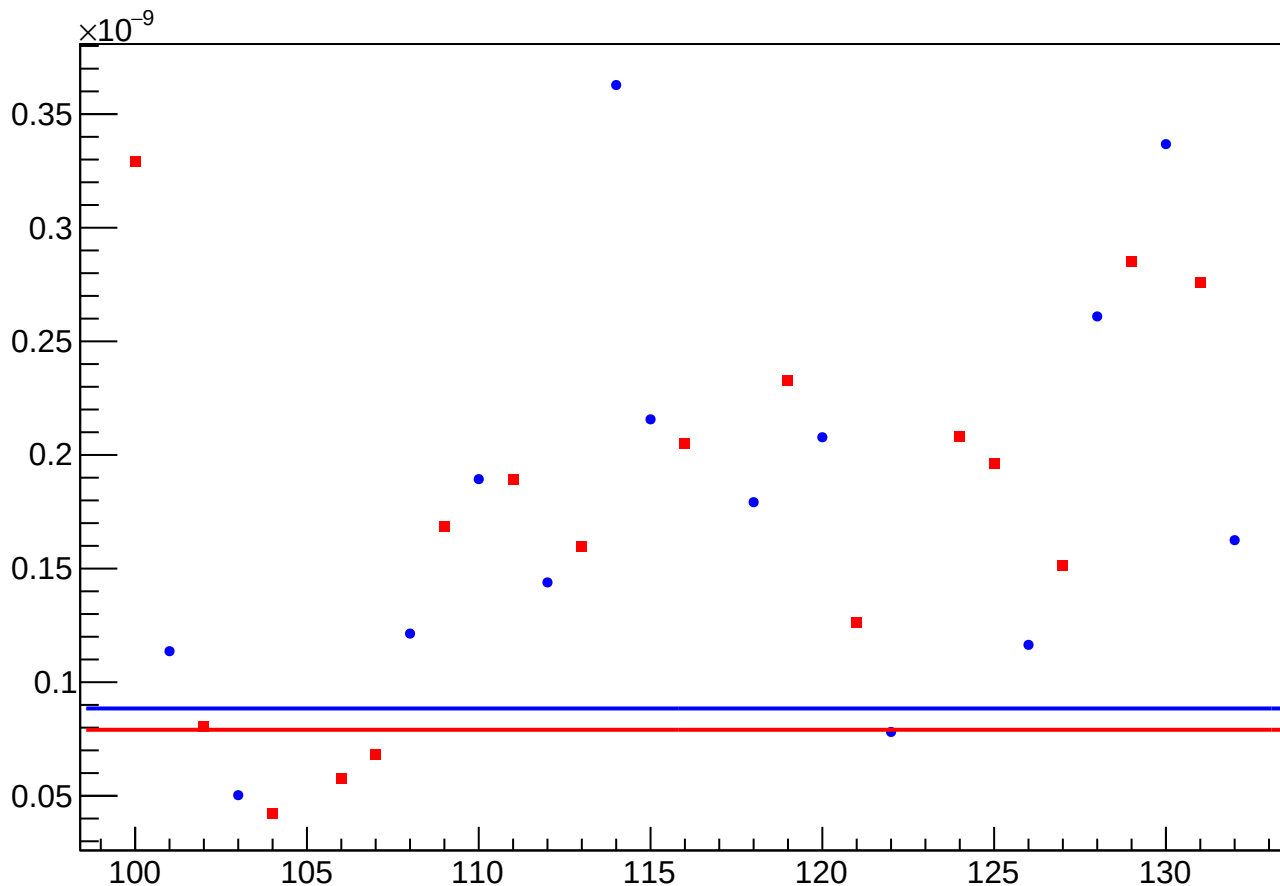
Right: 0.000+/-0.000 χ^2/NDF : 31.1/29

In: 0.000+/-0.000 χ^2/NDF : 10.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 31.1/29

asym_usr_atr2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1329022.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1612920.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

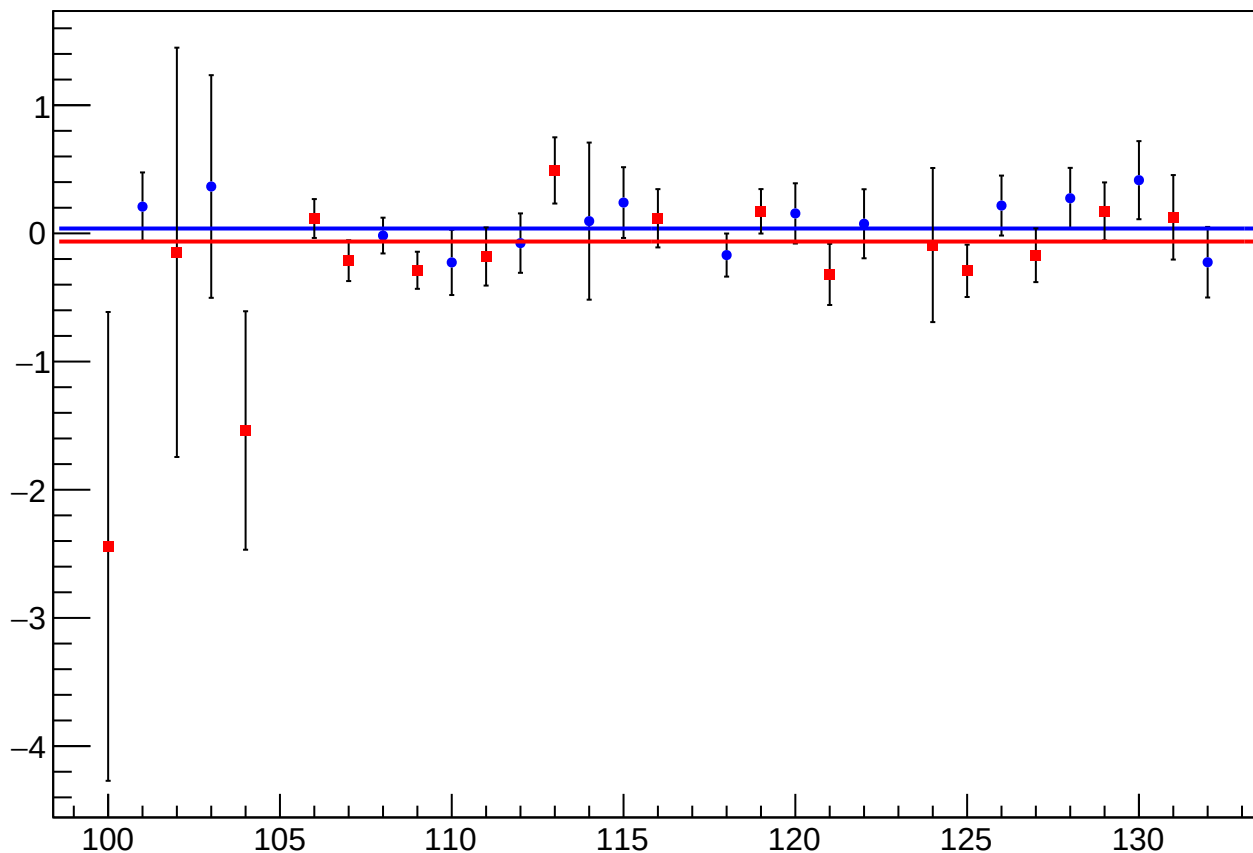
Right: 0.000+/-0.000 χ^2/NDF : 2963873.9/29

In: 0.000+/-0.000 χ^2/NDF : 1329022.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2963873.9/29

asym_usr_atr2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.038 $\pm$ 0.064 χ^2 /NDF: 8.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.064 $\pm$ 0.056 χ^2 /NDF: 20.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

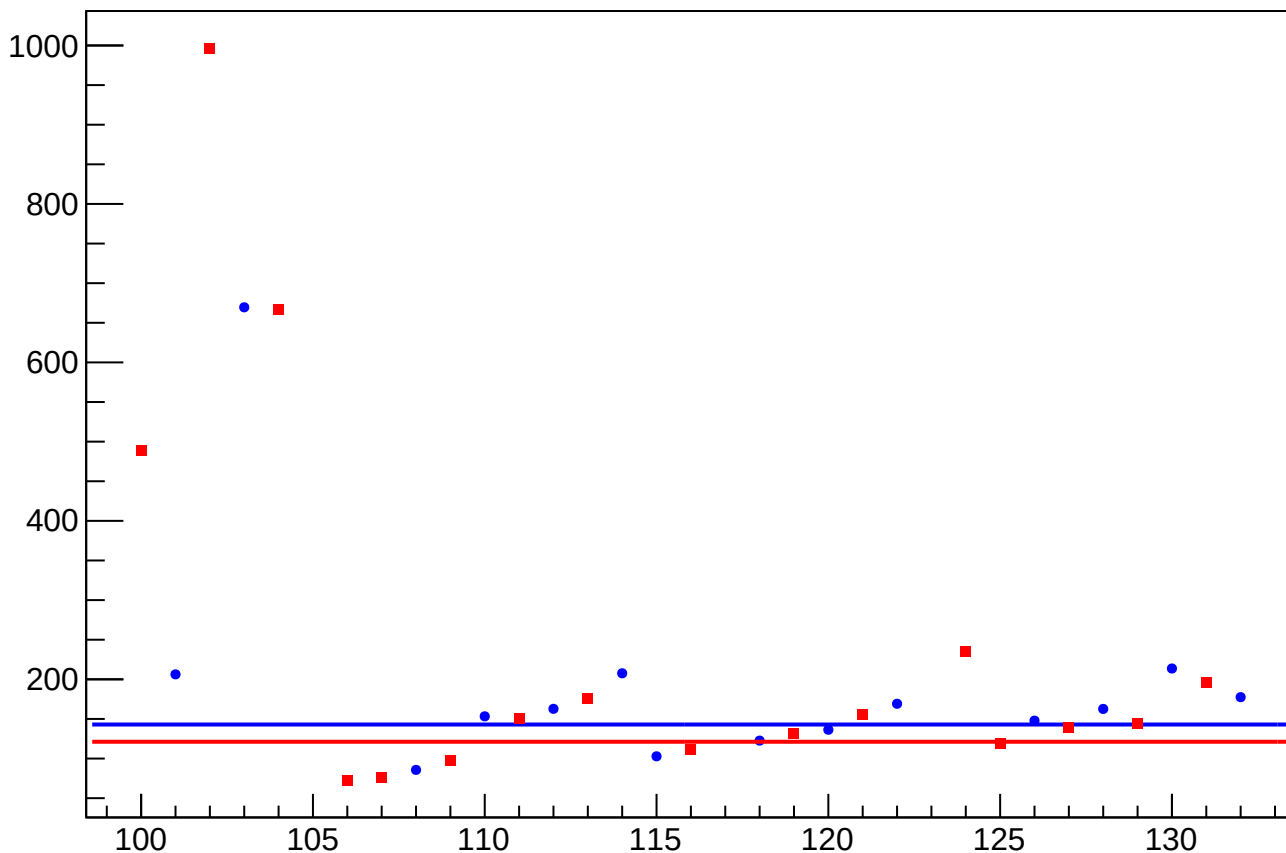
Right: -0.019 $\pm$ 0.042 χ^2 /NDF: 30.2/29

In: 0.038 $\pm$ 0.064 χ^2 /NDF:8.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.019 $\pm$ 0.042 χ^2 /NDF: 30.2/29

asym_usr_atr2_dd_dit_vs_Slug, Sign Corrected



Right In: 142.958+/-0.045 χ^2/NDF : 1471102.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.201+/-0.040 χ^2/NDF : 2189043.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

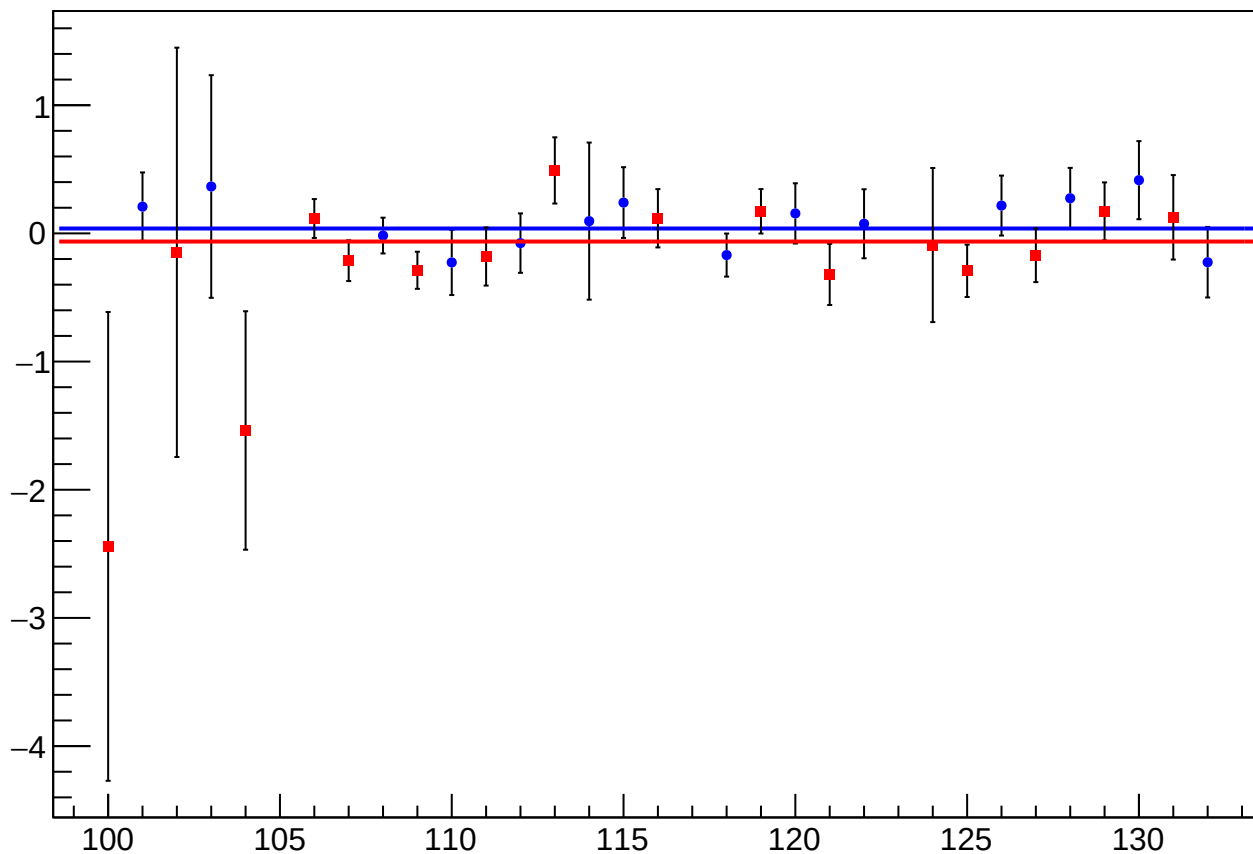
Right: 130.689+/-0.030 χ^2/NDF : 3790413.6/29

In: 142.958+/-0.045 χ^2/NDF : 1471102.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.689+/-0.030 χ^2/NDF : 3790413.6/29

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.038 $\pm$ 0.064 χ^2 /NDF: 8.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.064 $\pm$ 0.056 χ^2 /NDF: 20.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

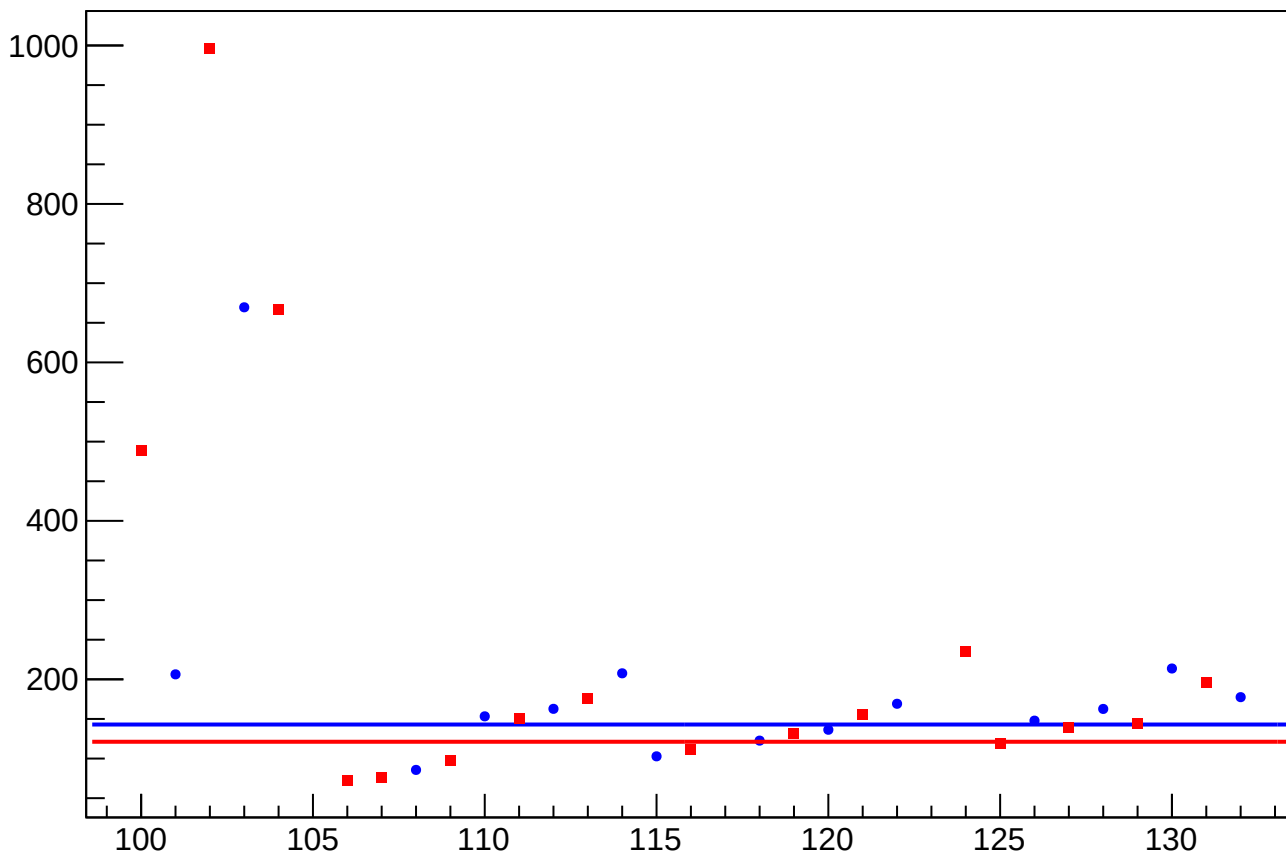
Right: -0.019 $\pm$ 0.042 χ^2 /NDF: 30.2/29

In: 0.038 $\pm$ 0.064 χ^2 /NDF:8.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.019 $\pm$ 0.042 χ^2 /NDF: 30.2/29

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.958+/-0.045 χ^2/NDF : 1471102.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.201+/-0.040 χ^2/NDF : 2189043.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

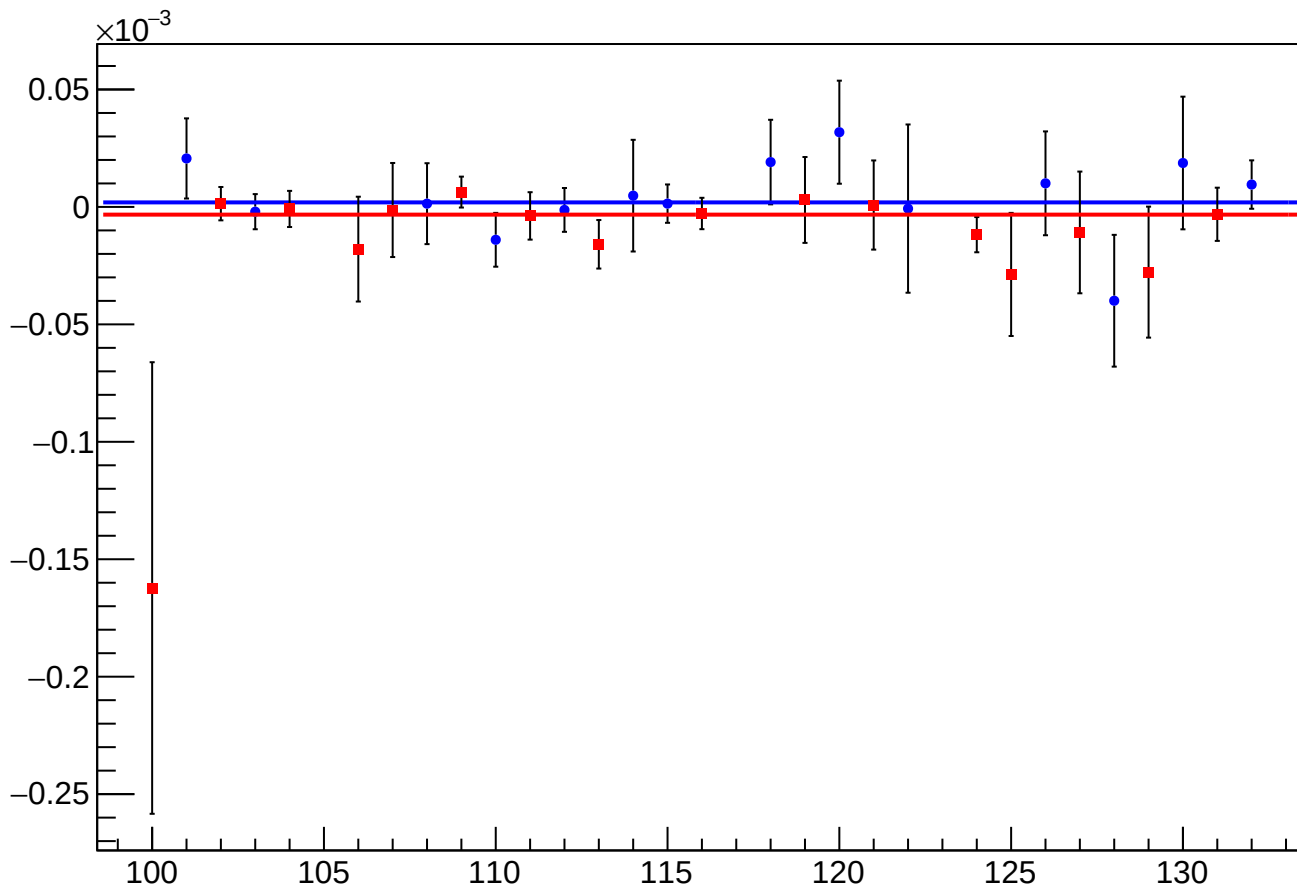
Right: 130.689+/-0.030 χ^2/NDF : 3790413.6/29

In: 142.958+/-0.045 χ^2/NDF : 1471102.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.689+/-0.030 χ^2/NDF : 3790413.6/29

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

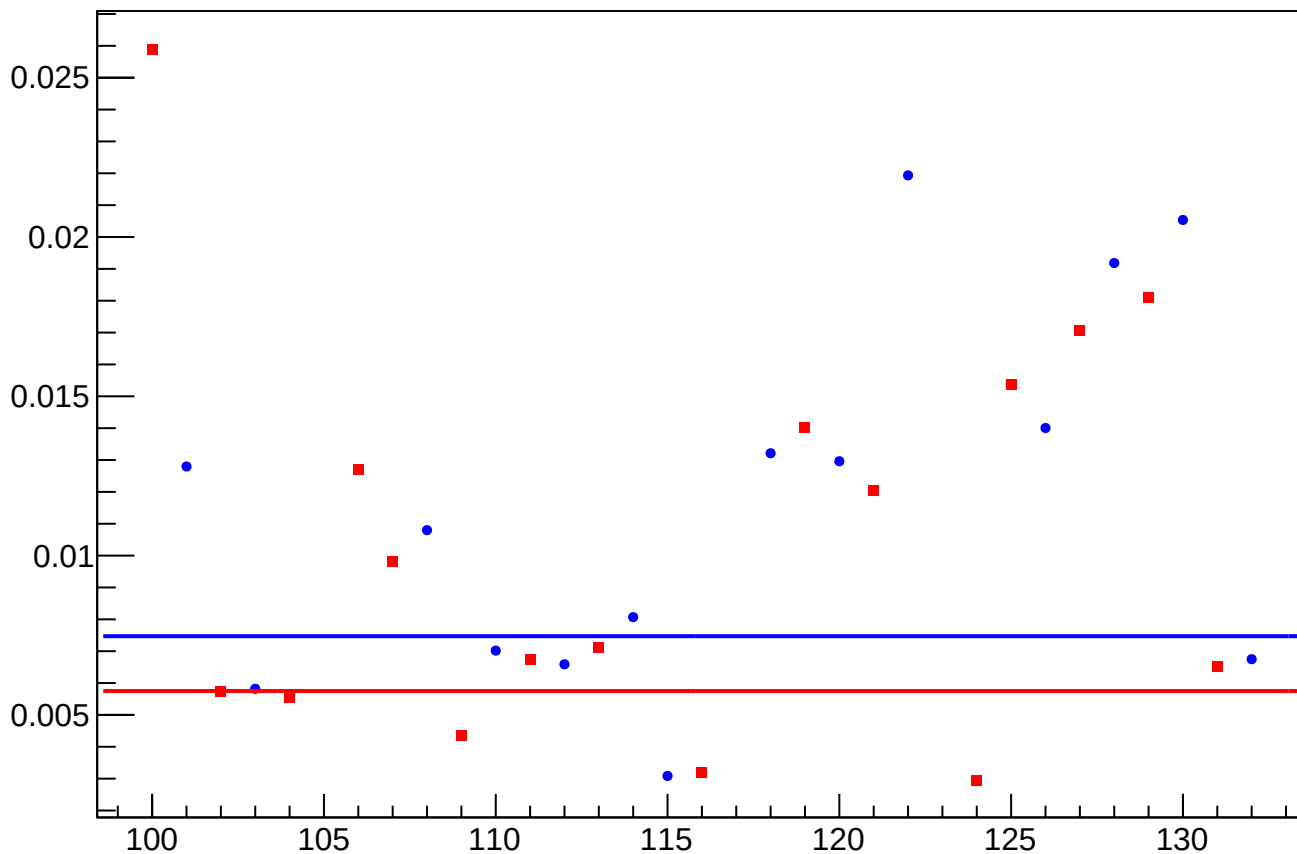
Right: -0.000+/-0.000 χ^2/NDF : 21.6/29

In: 0.000+/-0.000 χ^2/NDF : 9.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.6/29

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 2582454.6/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 2765779.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

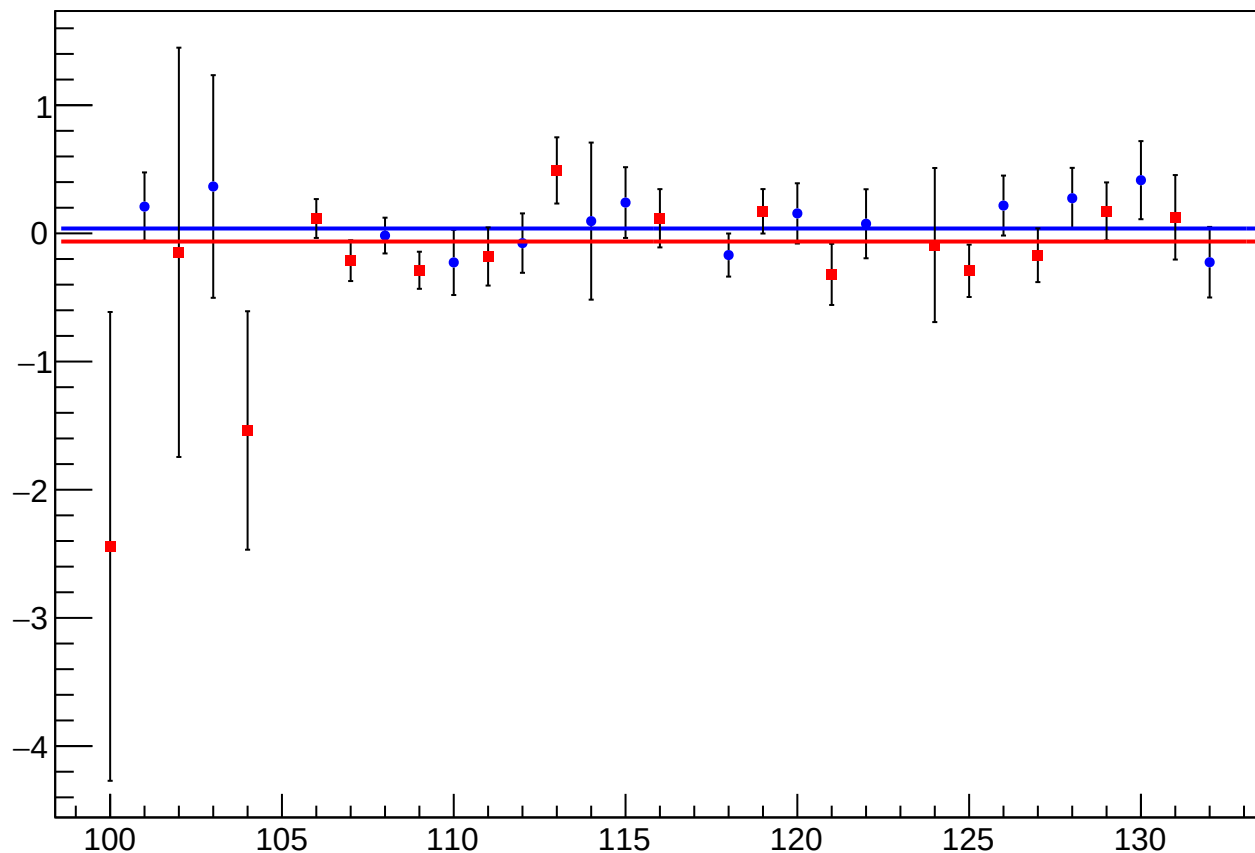
Right: 0.006+/-0.000 χ^2/NDF : 5651759.1/29

In: 0.007+/-0.000 χ^2/NDF :2582454.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 5651759.1/29

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.038 $\pm$ 0.064 χ^2 /NDF: 8.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.064 $\pm$ 0.056 χ^2 /NDF: 20.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

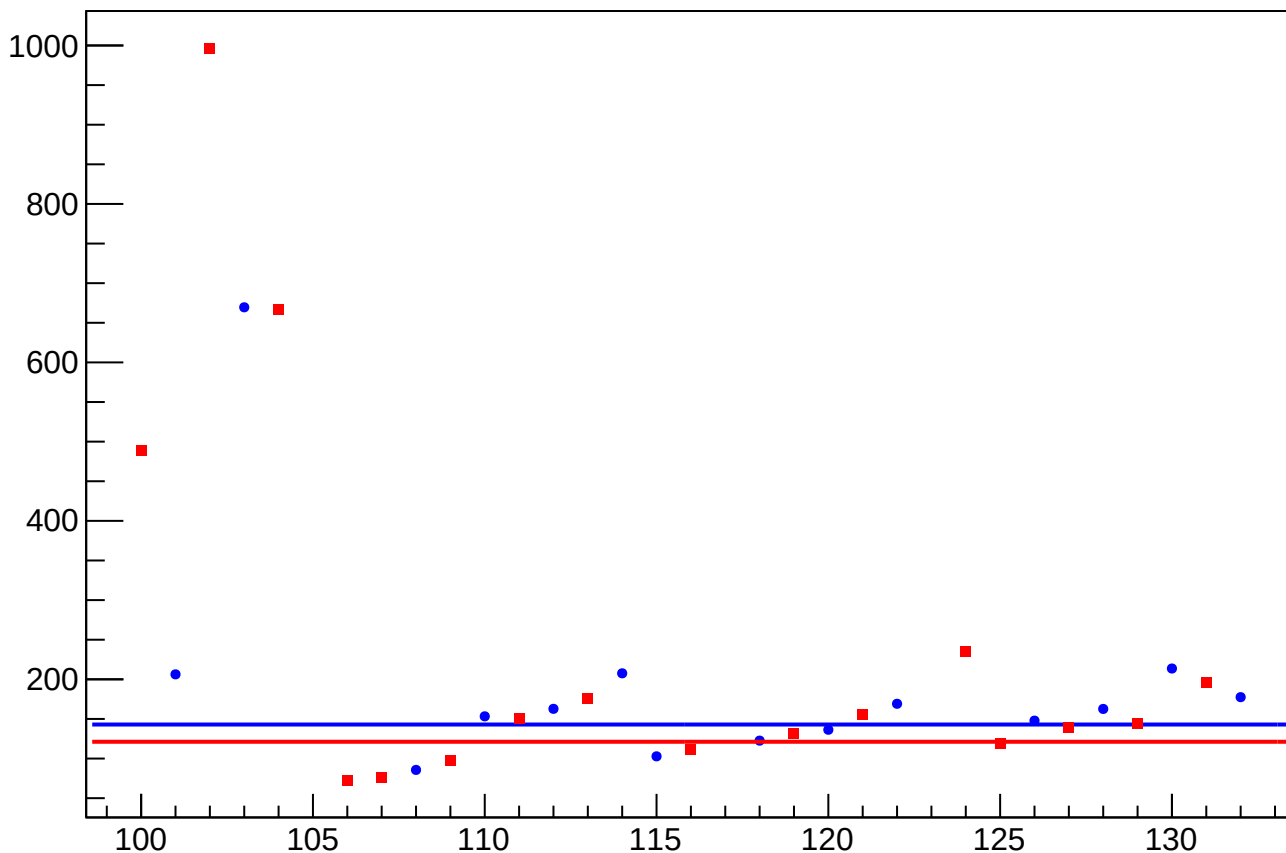
Right: -0.019 $\pm$ 0.042 χ^2 /NDF: 30.2/29

In: 0.038 $\pm$ 0.064 χ^2 /NDF:8.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.019 $\pm$ 0.042 χ^2 /NDF: 30.2/29

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.955 $\pm$ 0.045 χ^2 /NDF: 1471152.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 121.201 $\pm$ 0.040 χ^2 /NDF: 2189023.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

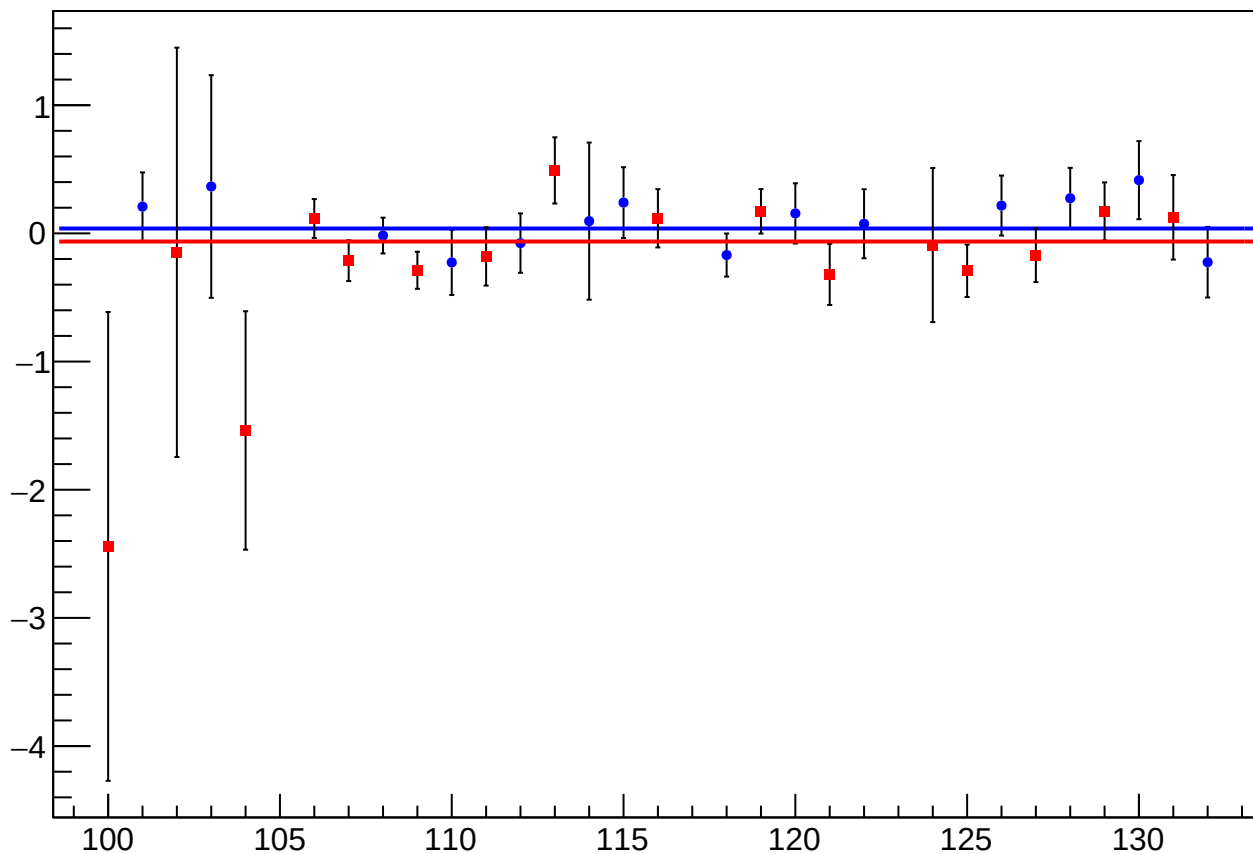
Right: 130.688 $\pm$ 0.030 χ^2 /NDF: 3790410.5/29

In: 142.955 $\pm$ 0.045 χ^2 /NDF:1471152.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 130.688 $\pm$ 0.030 χ^2 /NDF: 3790410.5/29

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.038 $\pm$ 0.064 χ^2 /NDF: 8.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.064 $\pm$ 0.056 χ^2 /NDF: 20.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

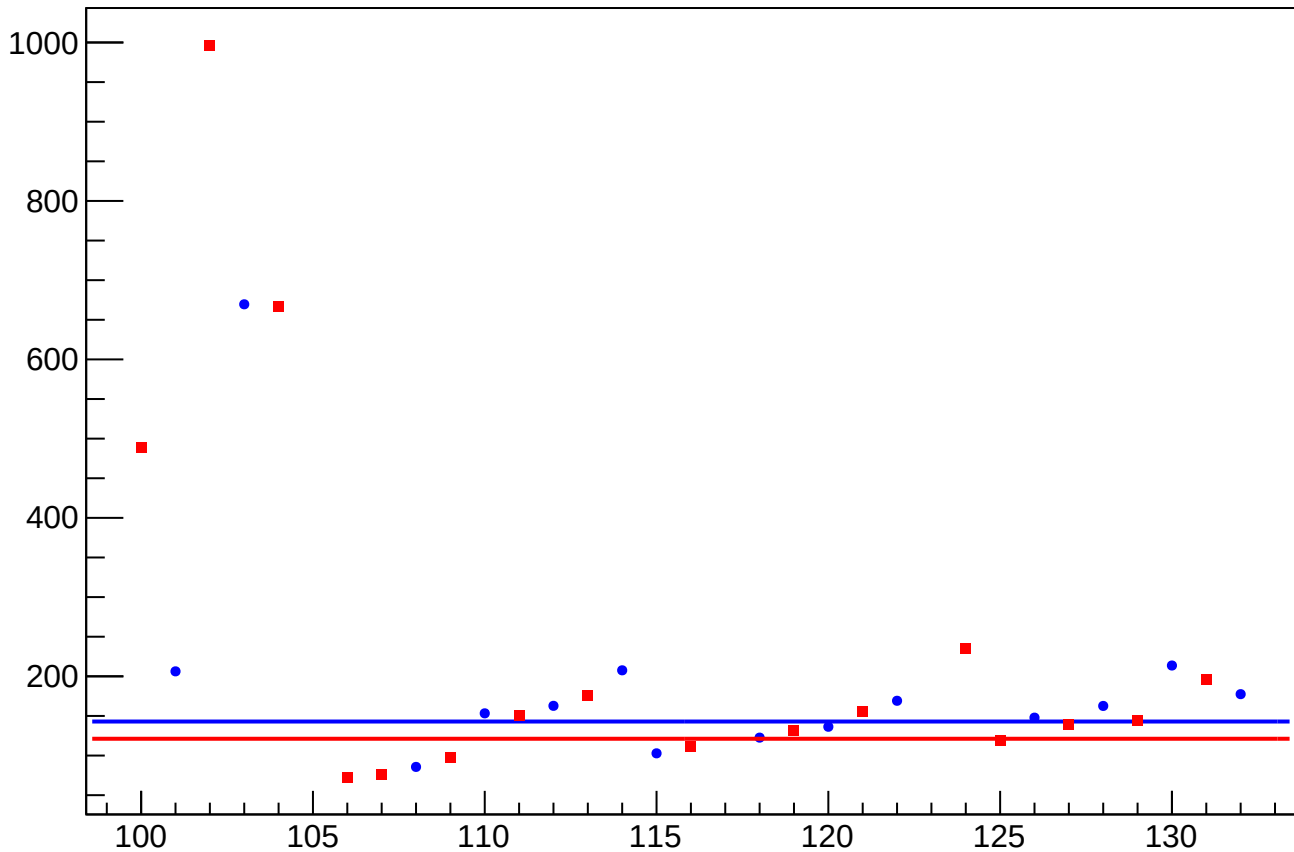
Right: -0.019 $\pm$ 0.042 χ^2 /NDF: 30.2/29

In: 0.038 $\pm$ 0.064 χ^2 /NDF:8.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.019 $\pm$ 0.042 χ^2 /NDF: 30.2/29

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.955 $\pm$ 0.045 χ^2 /NDF: 1471152.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 121.201 $\pm$ 0.040 χ^2 /NDF: 2189023.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

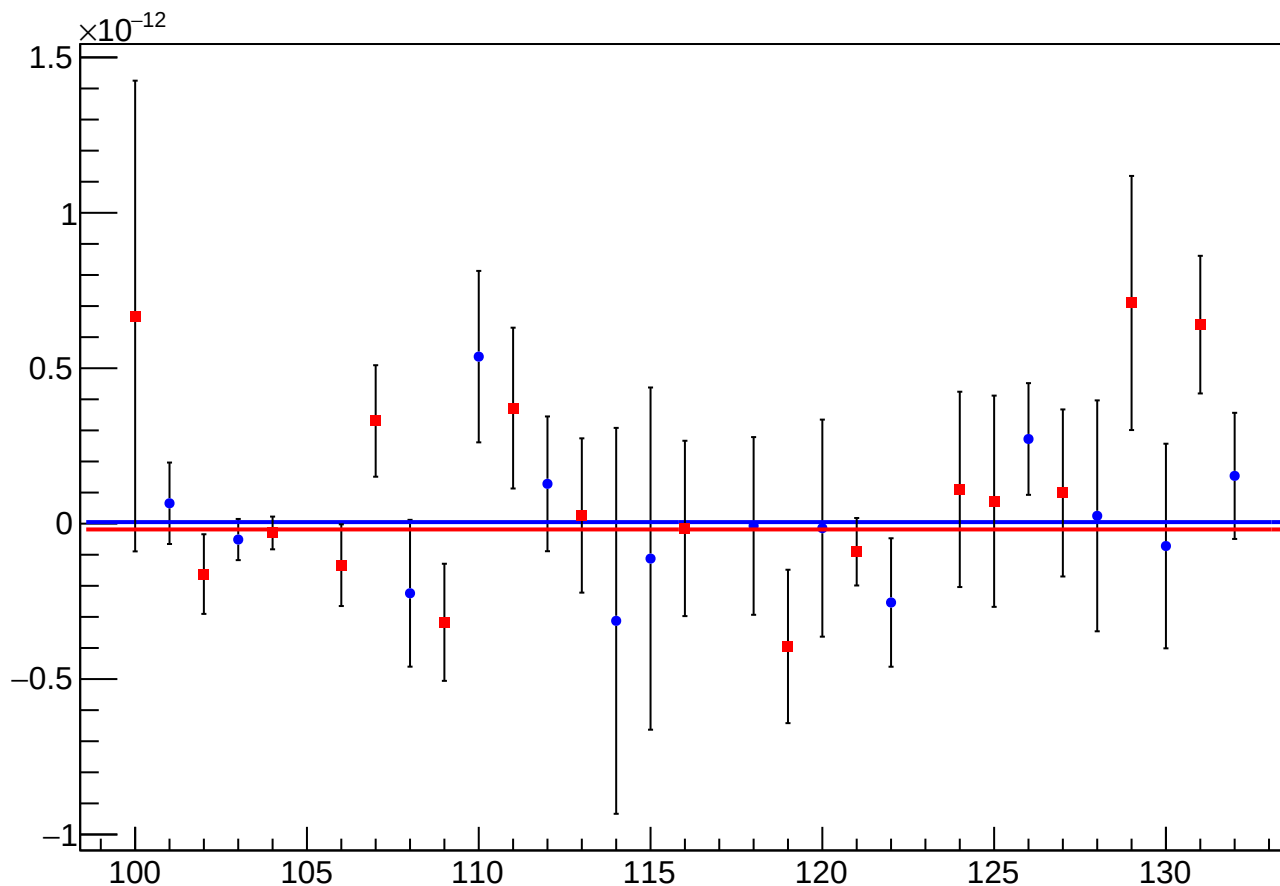
Right: 130.688 $\pm$ 0.030 χ^2 /NDF: 3790410.5/29

In: 142.955 $\pm$ 0.045 χ^2 /NDF:1471152.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 130.688 $\pm$ 0.030 χ^2 /NDF: 3790410.5/29

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 26.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

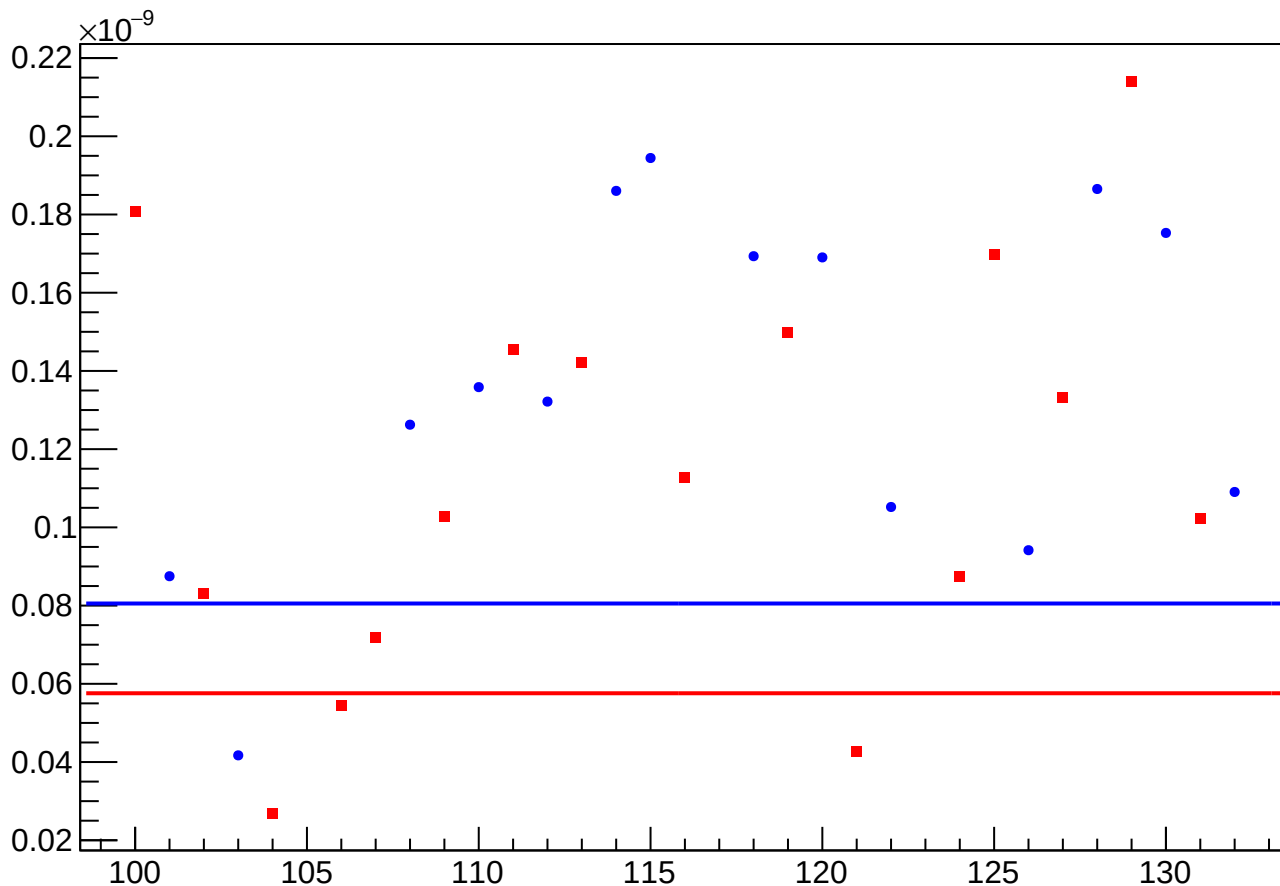
Right: -0.000+/-0.000 χ^2/NDF : 37.5/29

In: 0.000+/-0.000 χ^2/NDF : 10.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 37.5/29

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1834783.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2568131.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

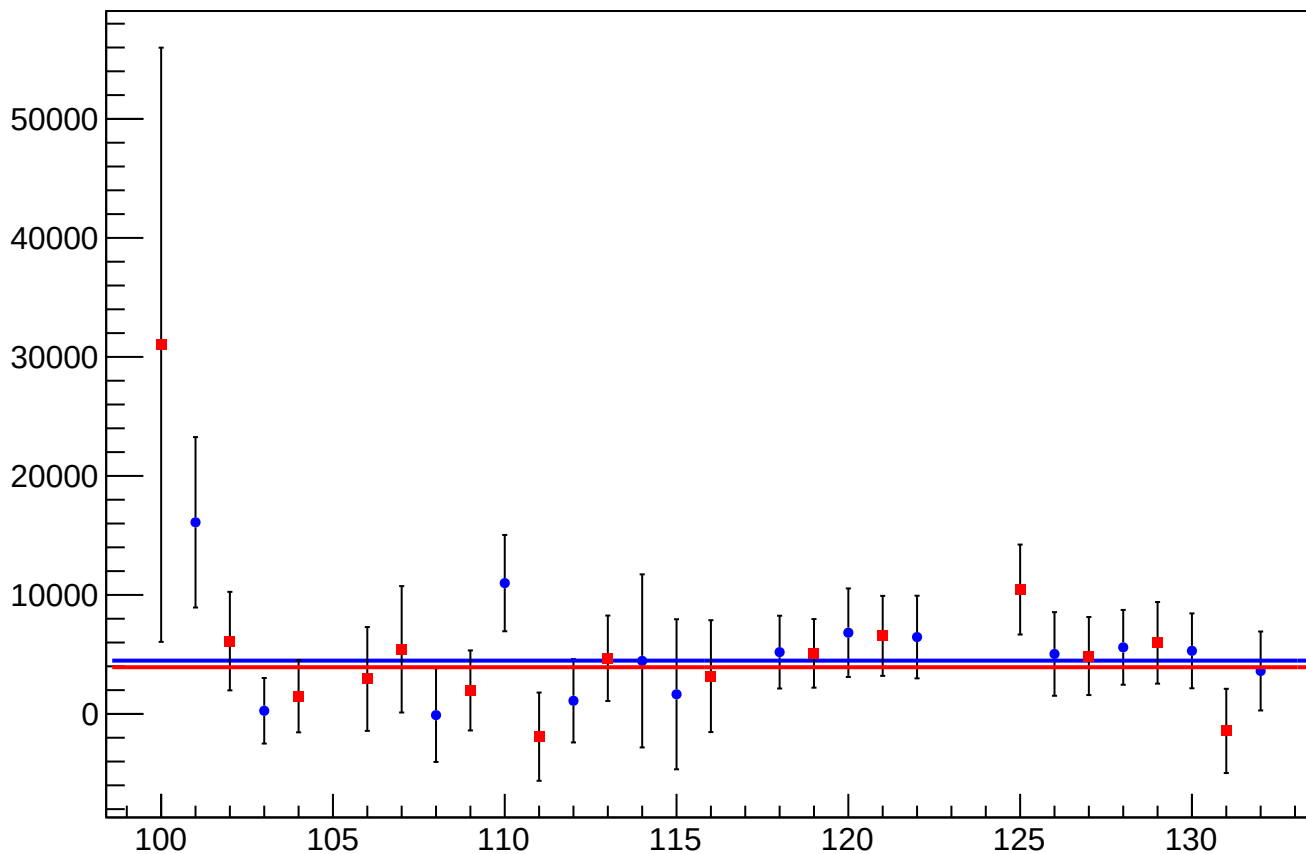
Right: 0.000+/-0.000 χ^2/NDF : 4702434.1/29

In: 0.000+/-0.000 χ^2/NDF :1834783.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4702434.1/29

reg_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4478.799+/-981.037 χ^2/NDF : 11.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3924.646+/-963.369 χ^2/NDF : 11.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

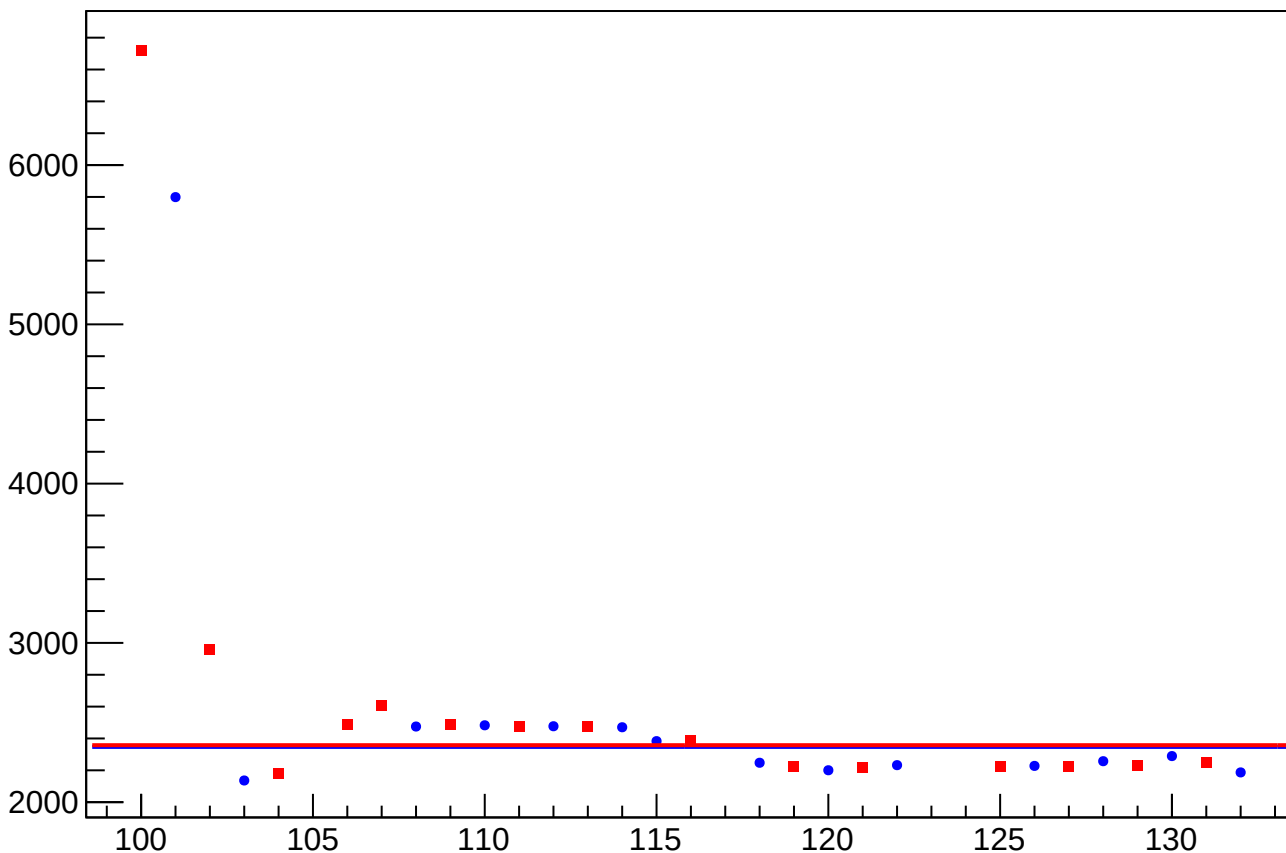
Right: 4196.688+/-687.366 χ^2/NDF : 22.9/28

In: 4478.799+/-981.037 χ^2/NDF : 11.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4196.688+/-687.366 χ^2/NDF : 22.9/28

reg_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2347.019+/-0.694 χ^2/NDF : 500879.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2357.731+/-0.681 χ^2/NDF : 142003.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

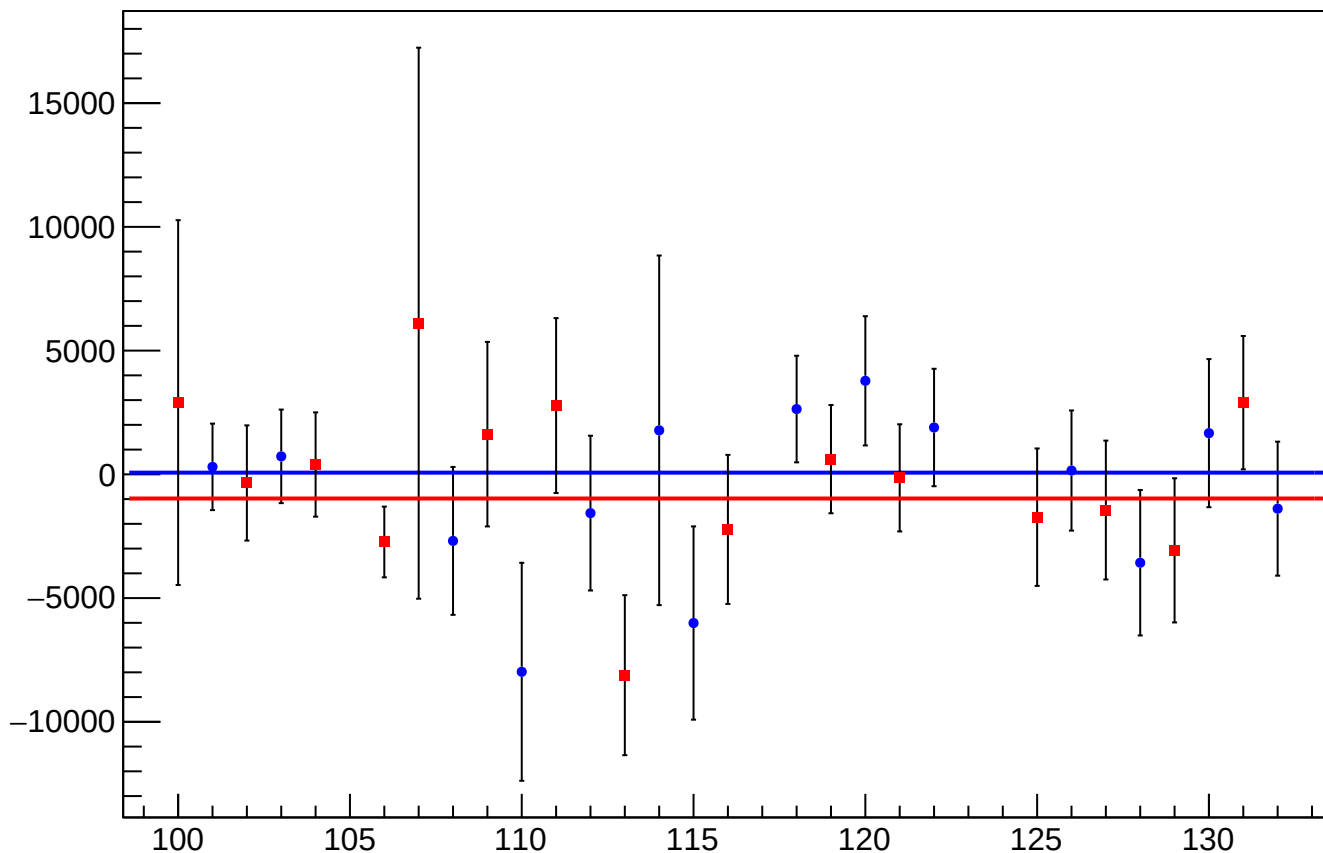
Right: 2352.472+/-0.486 χ^2/NDF : 643003.9/28

In: 2347.019+/-0.694 χ^2/NDF : 500879.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2352.472+/-0.486 χ^2/NDF : 643003.9/28

asym_us_avg_at1lr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 68.912+/-701.496 χ^2/NDF : 13.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -975.779+/-671.427 χ^2/NDF : 12.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

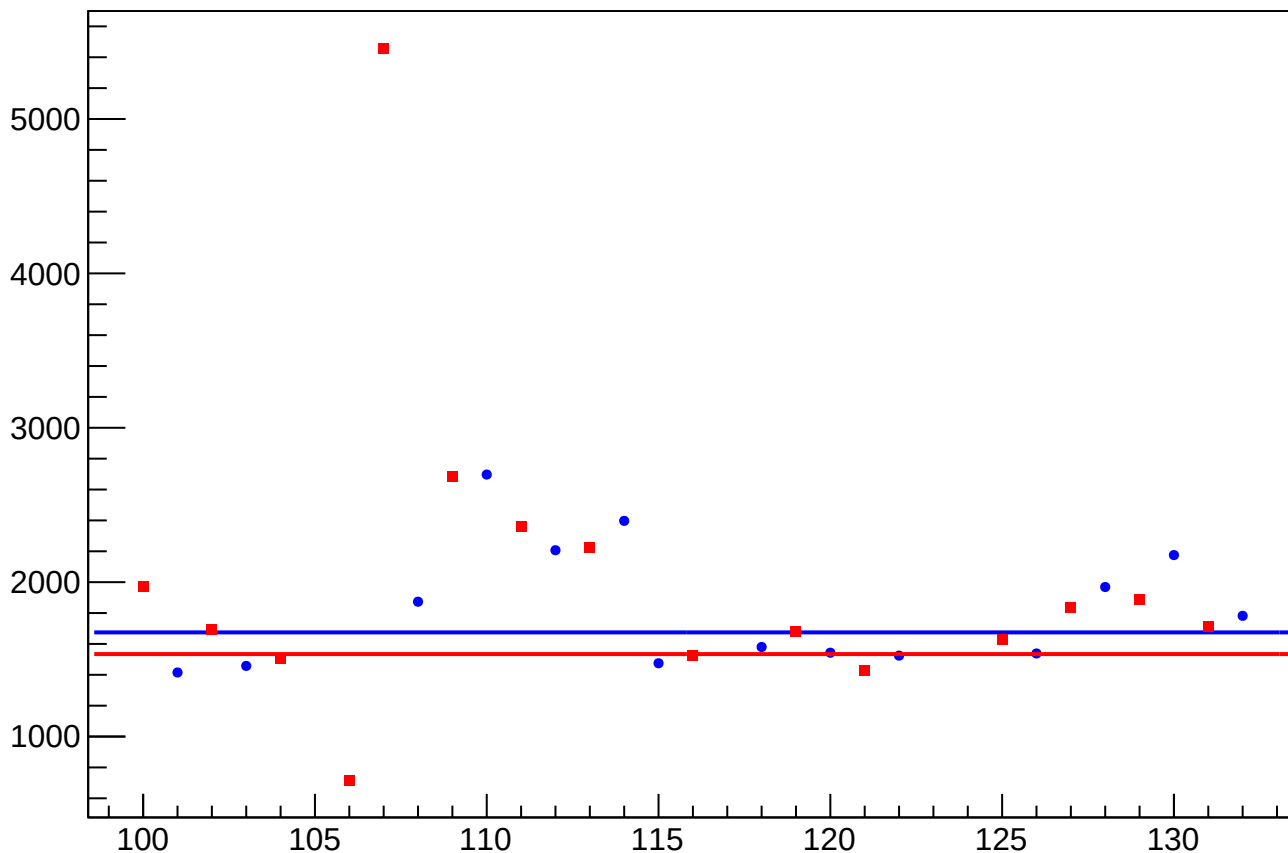
Right: -476.303+/-485.052 χ^2/NDF : 27.1/28

In: 68.912+/-701.496 χ^2/NDF : 13.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -476.303+/-485.052 χ^2/NDF : 27.1/28

asym_us_avg_at1lr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1674.718+/-0.496 χ^2/NDF : 373677.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1534.173+/-0.475 χ^2/NDF : 1392044.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

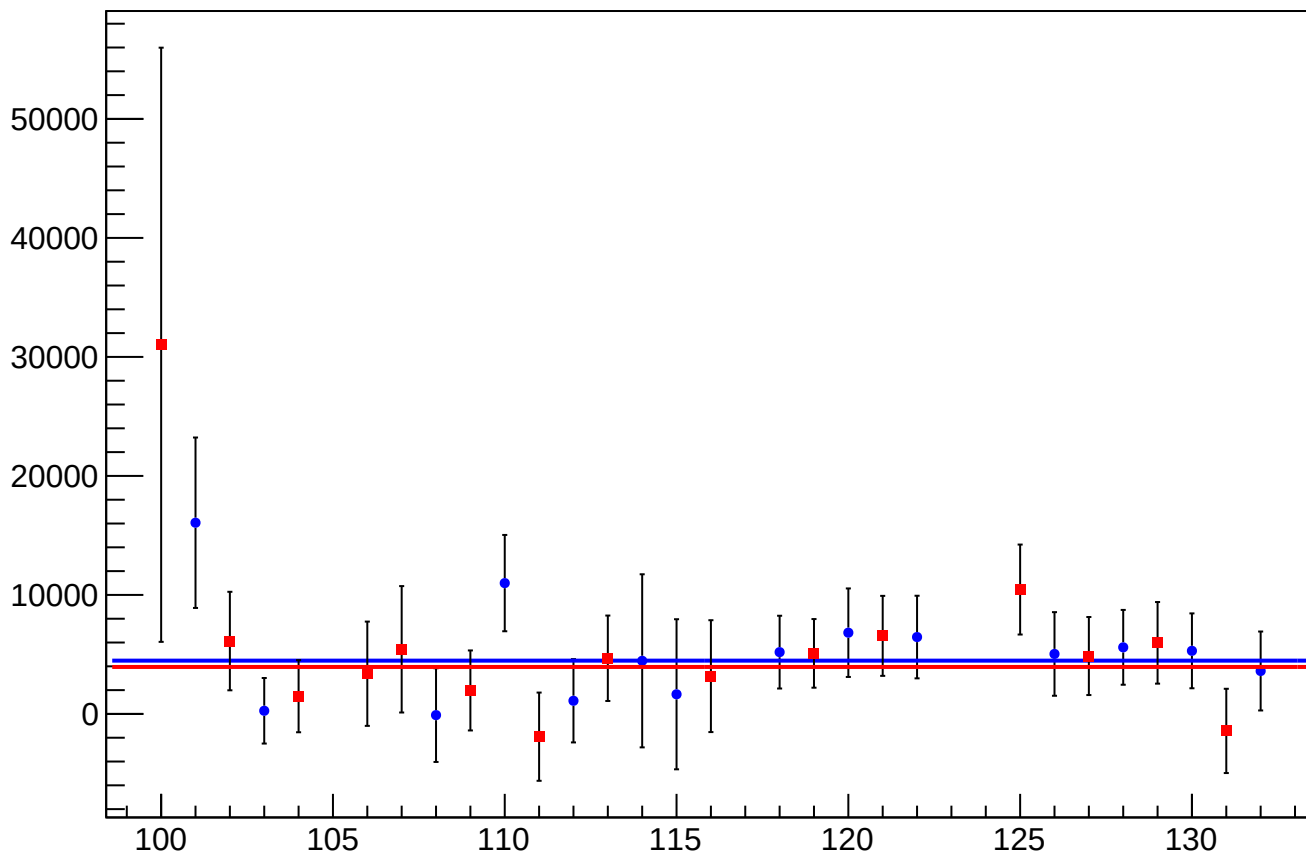
Right: 1601.369+/-0.343 χ^2/NDF : 1807619.4/28

In: 1674.718+/-0.496 χ^2/NDF : 373677.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1601.369+/-0.343 χ^2/NDF : 1807619.4/28

cor_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4478.024+/-981.037 χ^2/NDF : 11.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3946.881+/-963.572 χ^2/NDF : 11.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

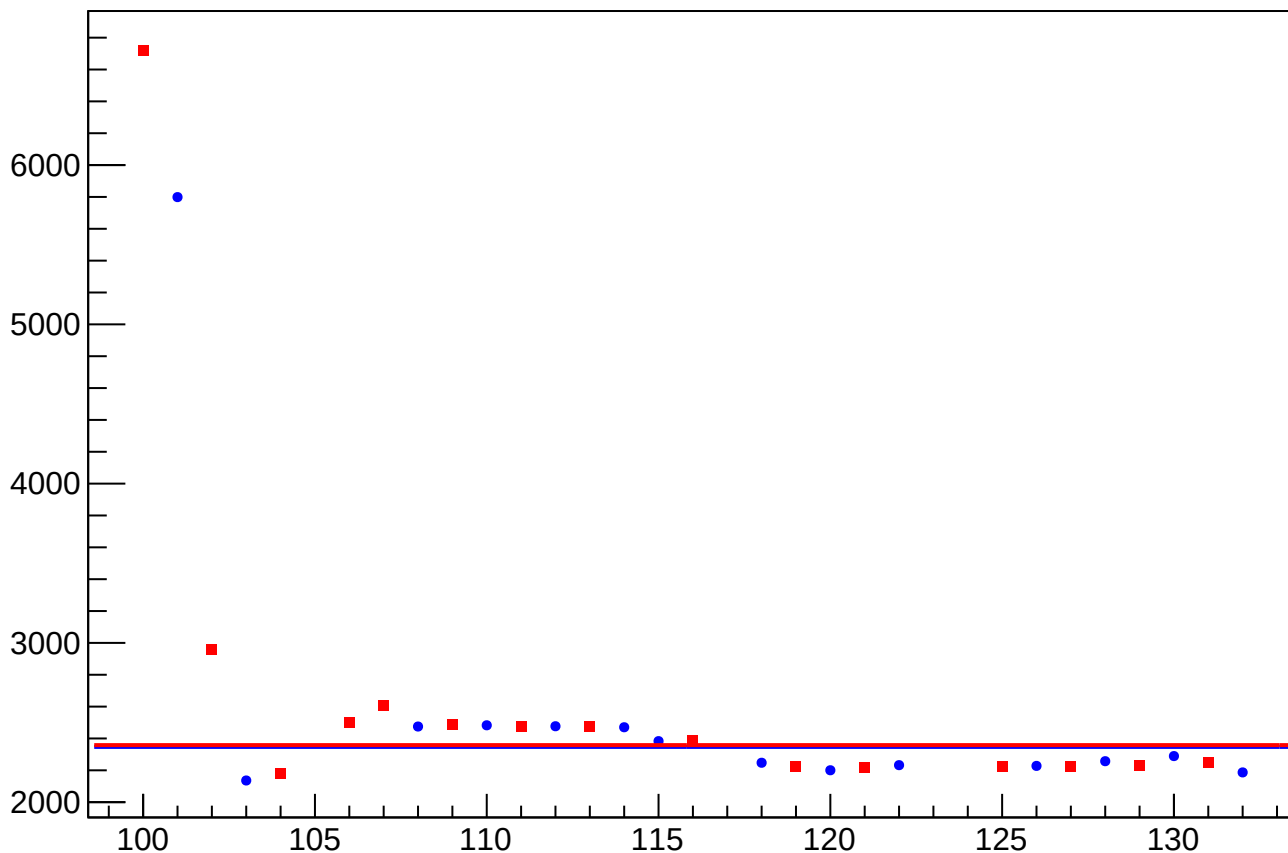
Right: 4207.683+/-687.440 χ^2/NDF : 22.8/28

In: 4478.024+/-981.037 χ^2/NDF : 11.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4207.683+/-687.440 χ^2/NDF : 22.8/28

cor_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2347.019+/-0.694 χ^2/NDF : 500879.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2358.195+/-0.681 χ^2/NDF : 142294.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

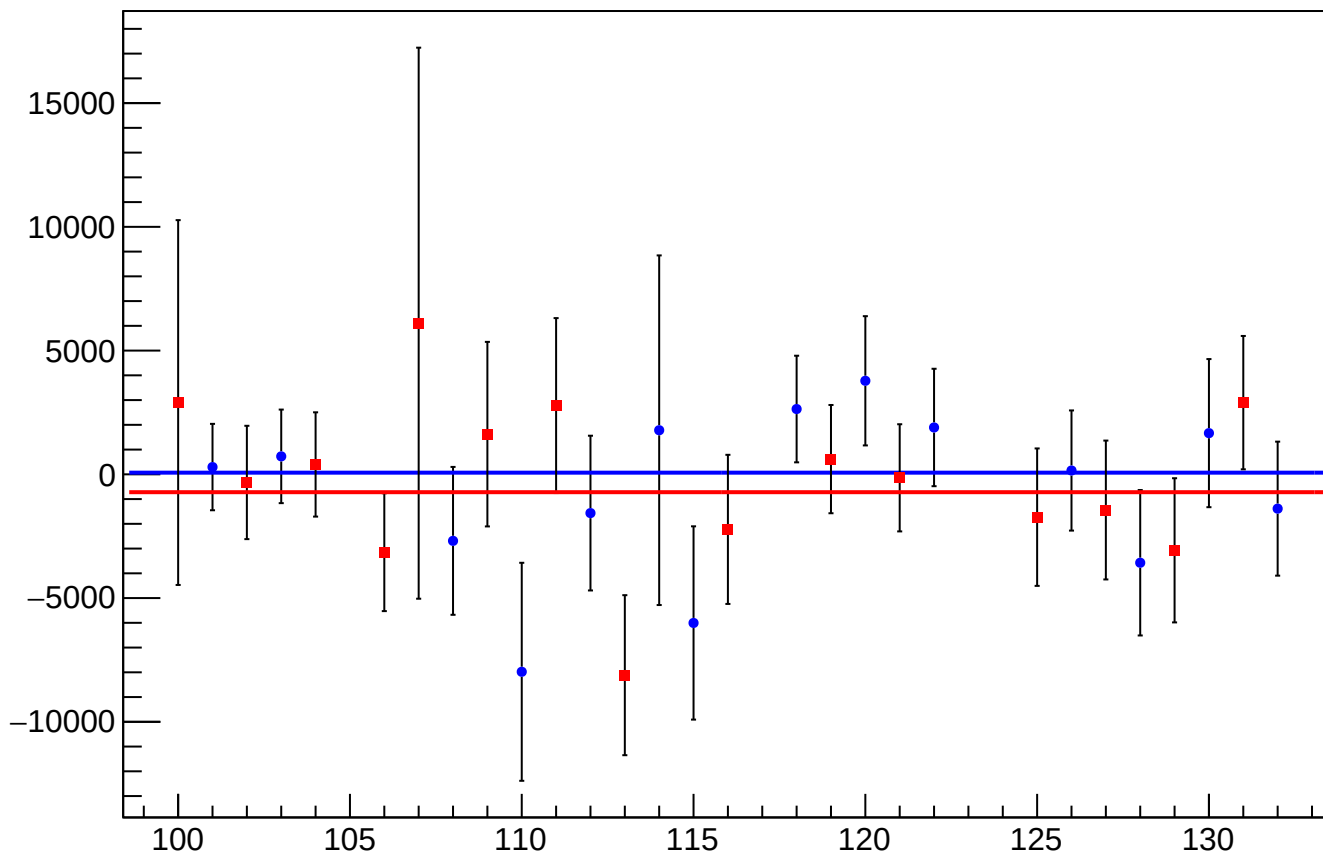
Right: 2352.707+/-0.486 χ^2/NDF : 643306.8/28

In: 2347.019+/-0.694 χ^2/NDF : 500879.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2352.707+/-0.486 χ^2/NDF : 643306.8/28

asym_us_avg_at1lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 67.560+/-701.341 χ^2/NDF : 13.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -721.619+/-723.300 χ^2/NDF : 11.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

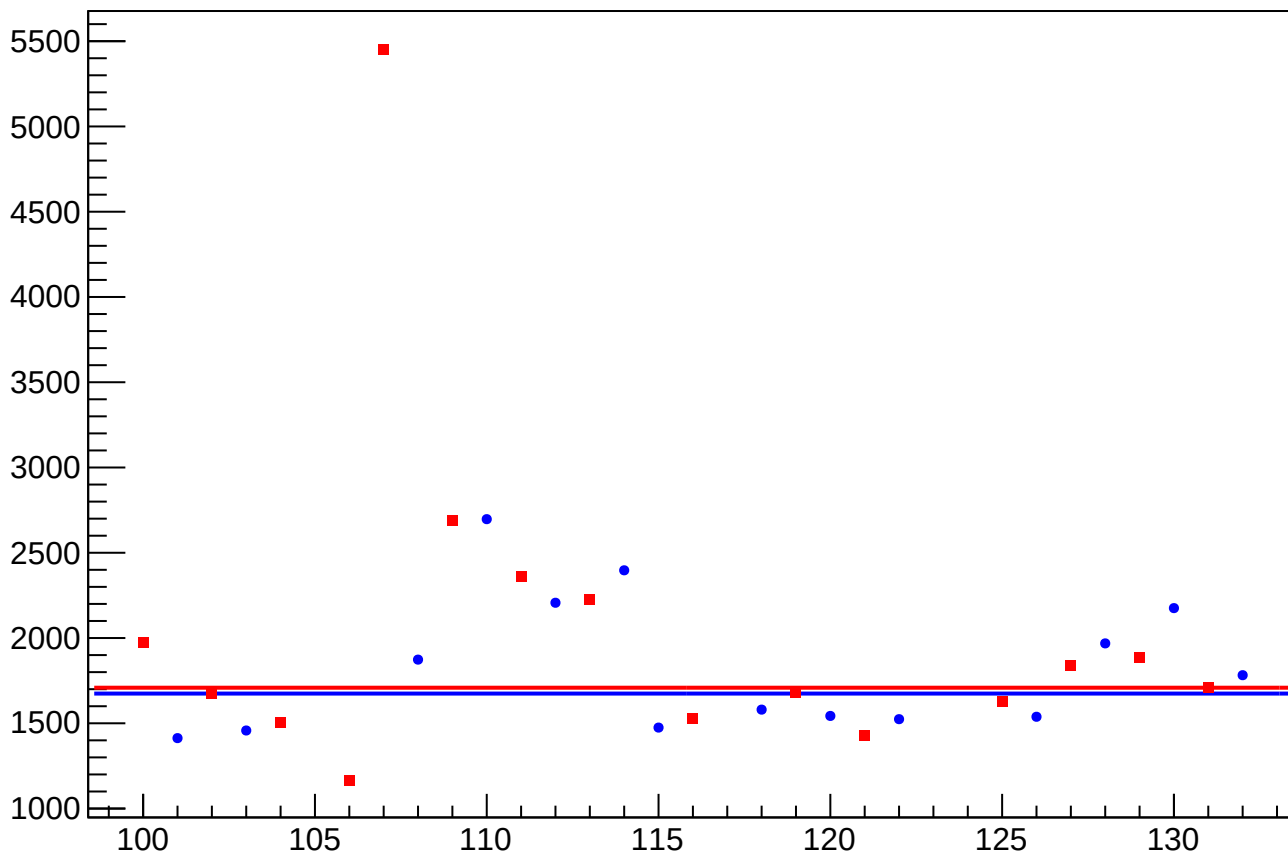
Right: -314.868+/-503.507 χ^2/NDF : 25.8/28

In: 67.560+/-701.341 χ^2/NDF : 13.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -314.868+/-503.507 χ^2/NDF : 25.8/28

asym_us_avg_at1lr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1674.302+/-0.496 χ^2/NDF : 374455.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1708.677+/-0.511 χ^2/NDF : 664493.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

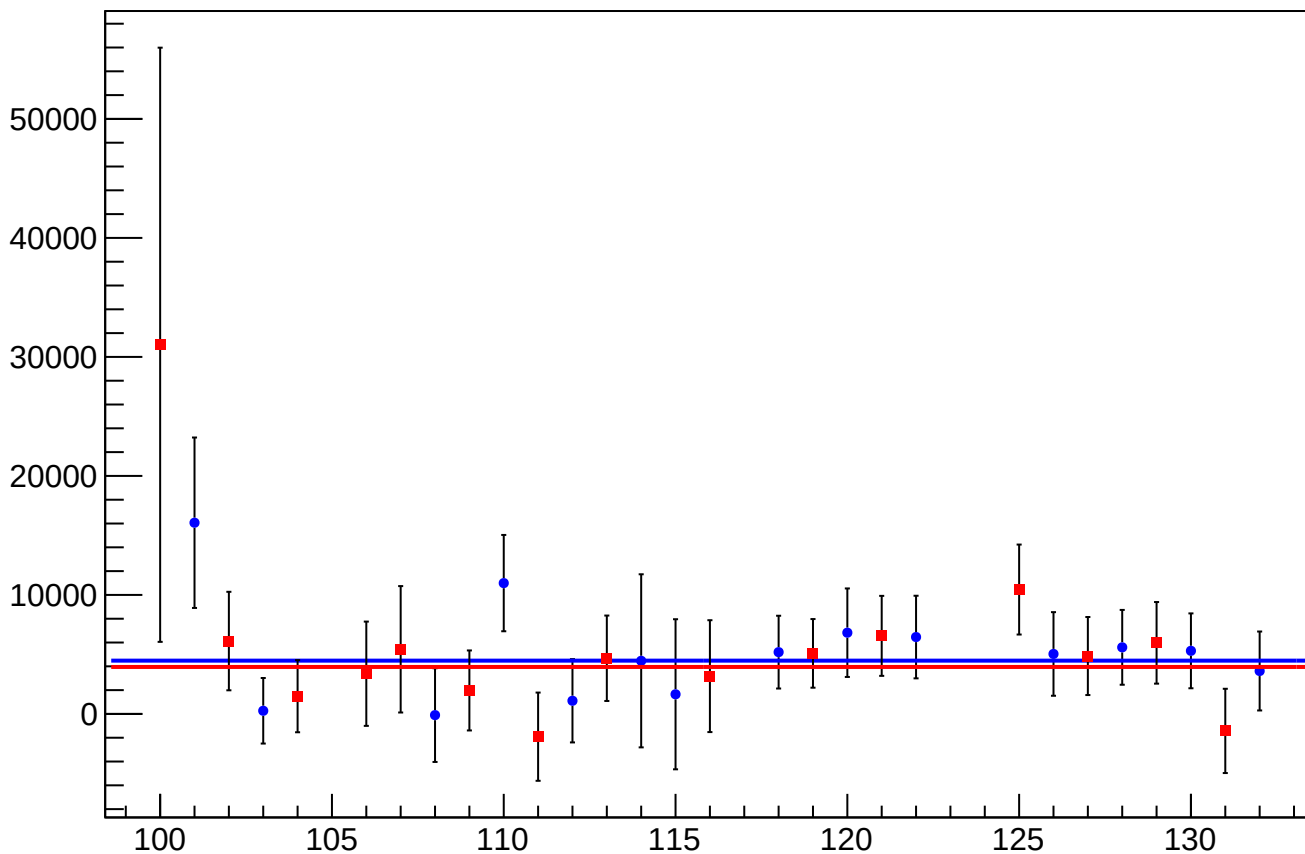
Right: 1690.960+/-0.356 χ^2/NDF : 1041276.9/28

In: 1674.302+/-0.496 χ^2/NDF : 374455.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1690.960+/-0.356 χ^2/NDF : 1041276.9/28

eigen_cor_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4478.024+/-981.037 χ^2/NDF : 11.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3946.881+/-963.572 χ^2/NDF : 11.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

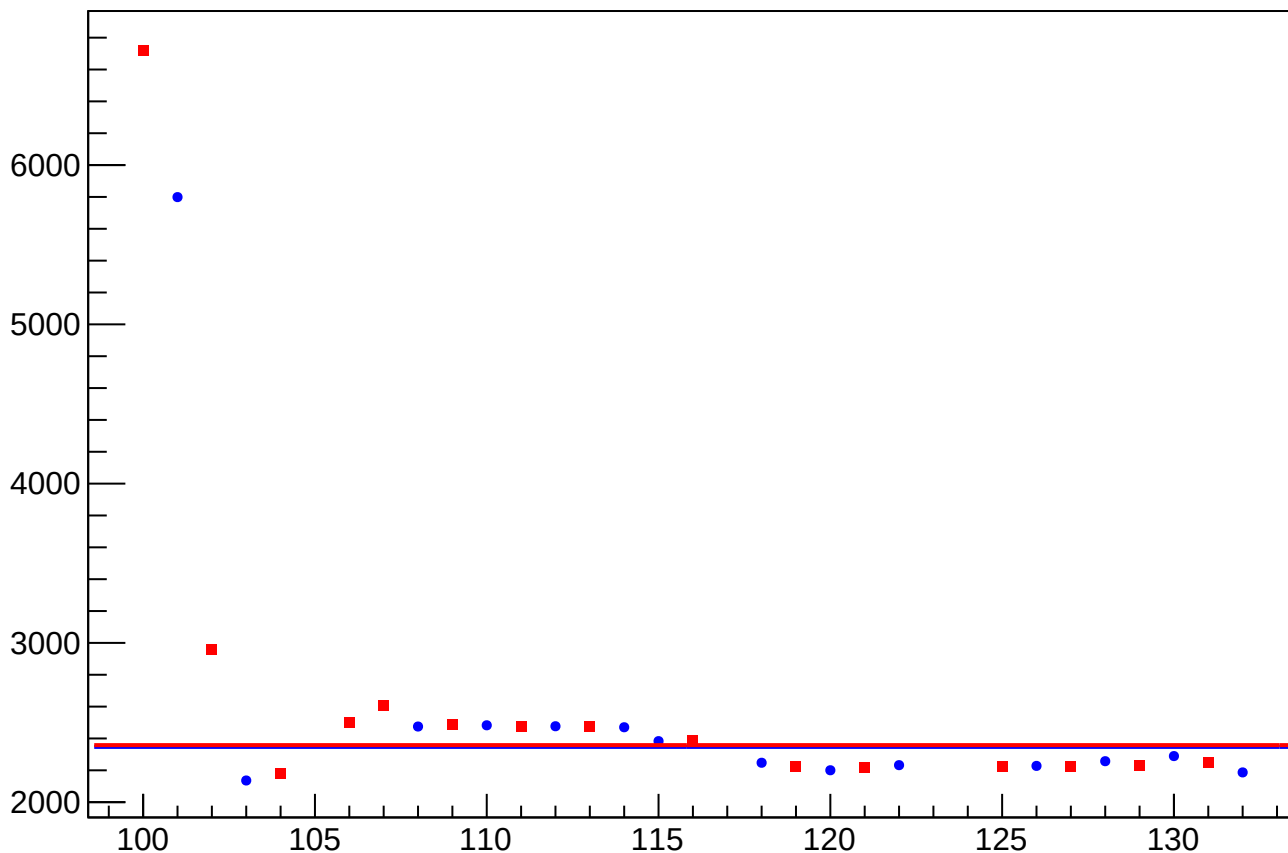
Right: 4207.683+/-687.440 χ^2/NDF : 22.8/28

In: 4478.024+/-981.037 χ^2/NDF : 11.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4207.683+/-687.440 χ^2/NDF : 22.8/28

eigen_cor_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2347.019+/-0.694 χ^2/NDF : 500879.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2358.195+/-0.681 χ^2/NDF : 142294.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

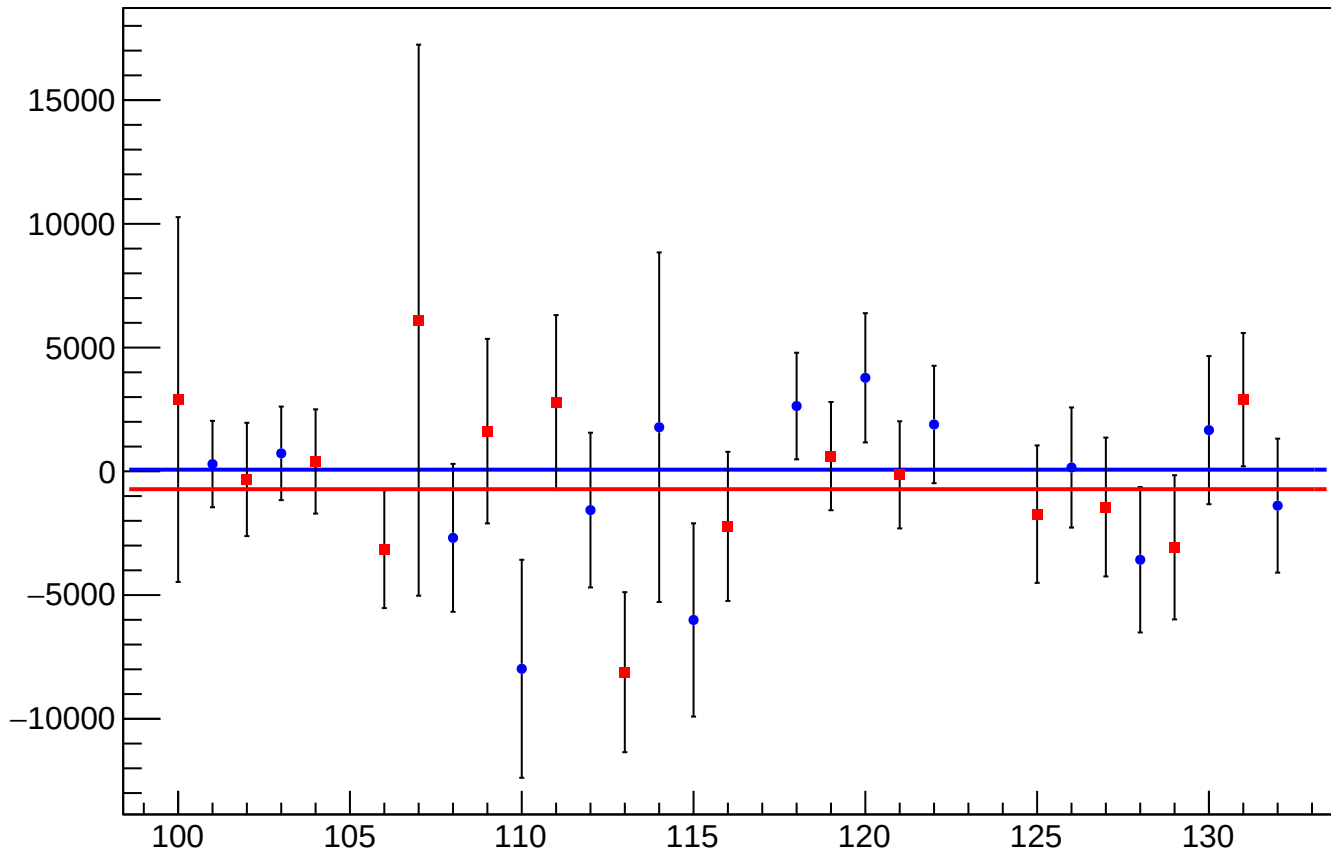
Right: 2352.707+/-0.486 χ^2/NDF : 643306.8/28

In: 2347.019+/-0.694 χ^2/NDF : 500879.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2352.707+/-0.486 χ^2/NDF : 643306.8/28

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 67.560+/-701.341 χ^2/NDF : 13.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -721.619+/-723.300 χ^2/NDF : 11.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

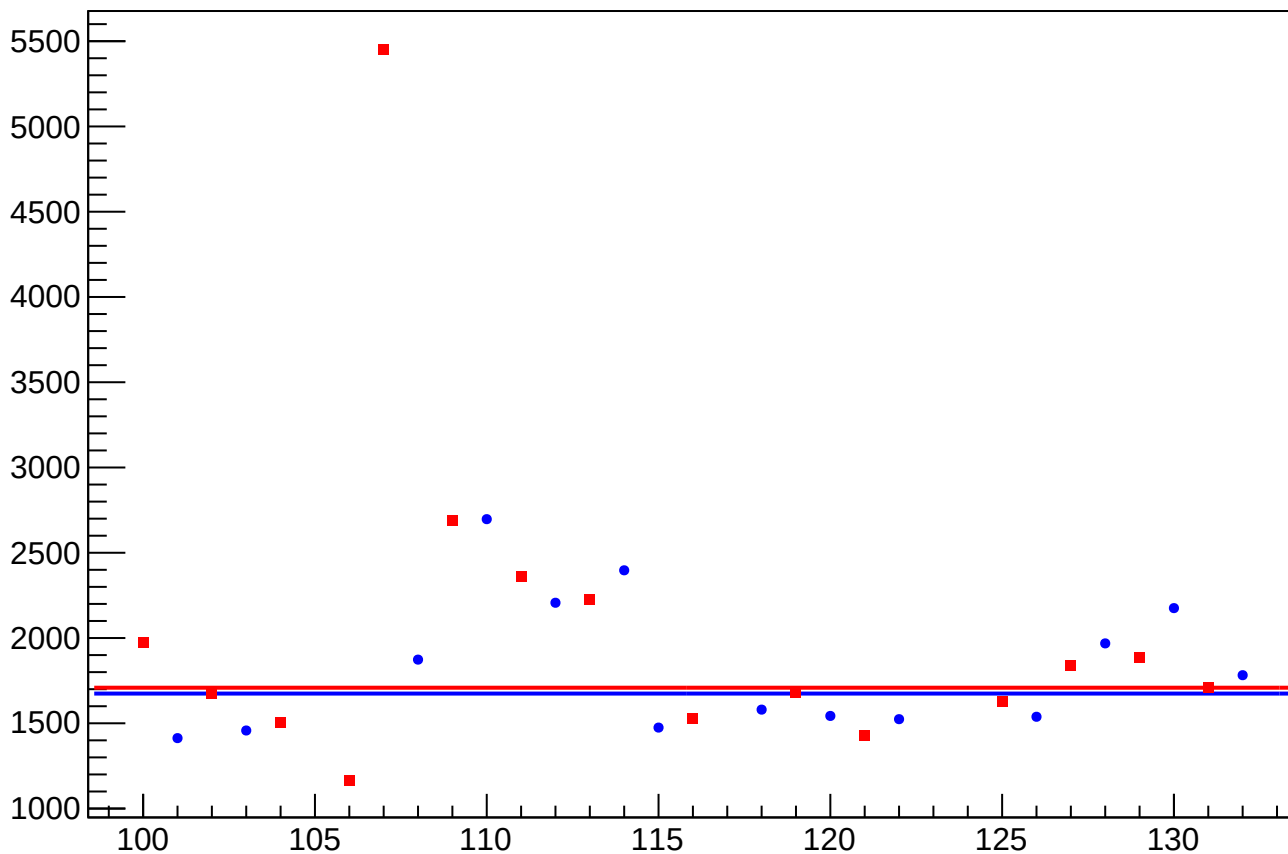
Right: -314.868+/-503.507 χ^2/NDF : 25.8/28

In: 67.560+/-701.341 χ^2/NDF : 13.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -314.868+/-503.507 χ^2/NDF : 25.8/28

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1674.302+/-0.496 χ^2/NDF : 374455.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1708.677+/-0.511 χ^2/NDF : 664493.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

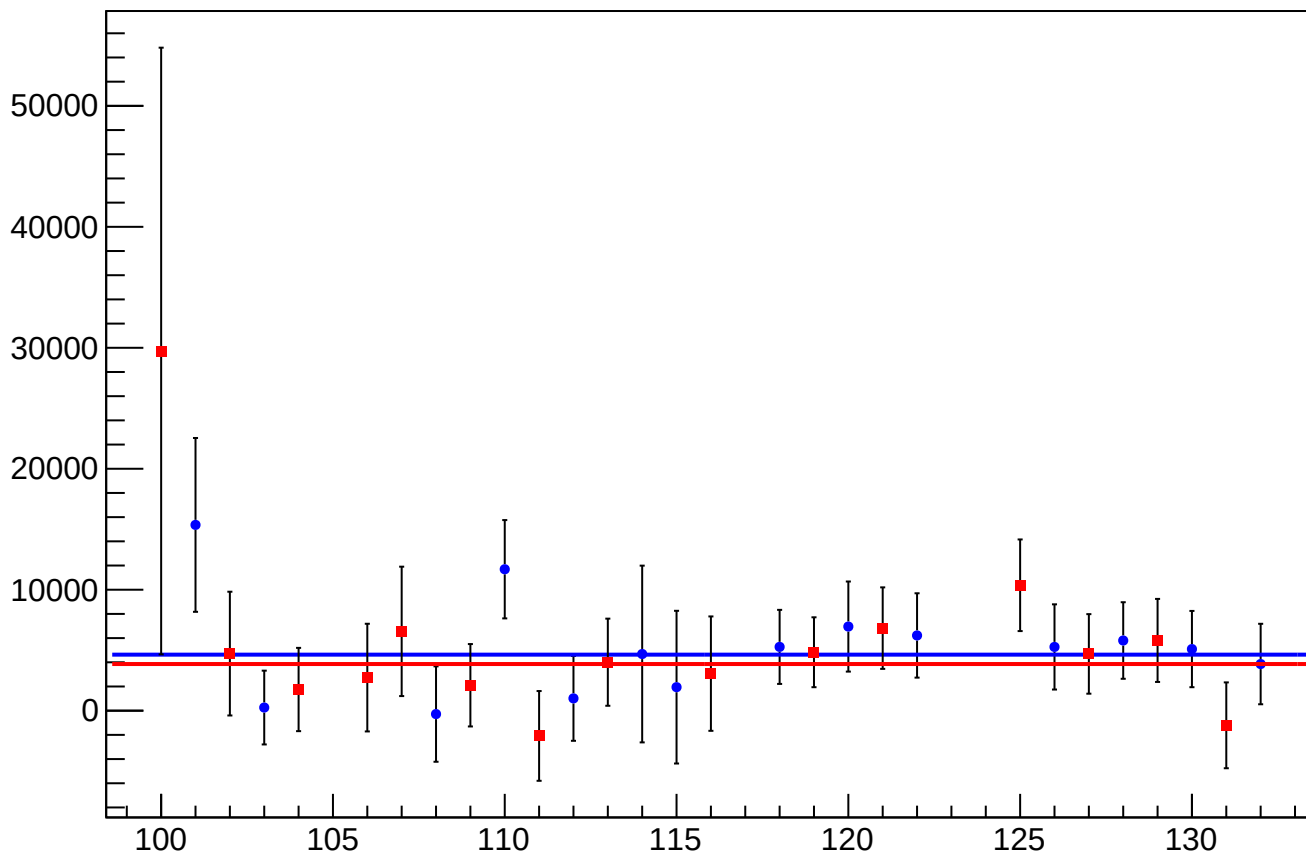
Right: 1690.960+/-0.356 χ^2/NDF : 1041276.9/28

In: 1674.302+/-0.496 χ^2/NDF : 374455.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1690.960+/-0.356 χ^2/NDF : 1041276.9/28

dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4632.561+/-995.374 χ^2/NDF : 11.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3856.729+/-987.883 χ^2/NDF : 10.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

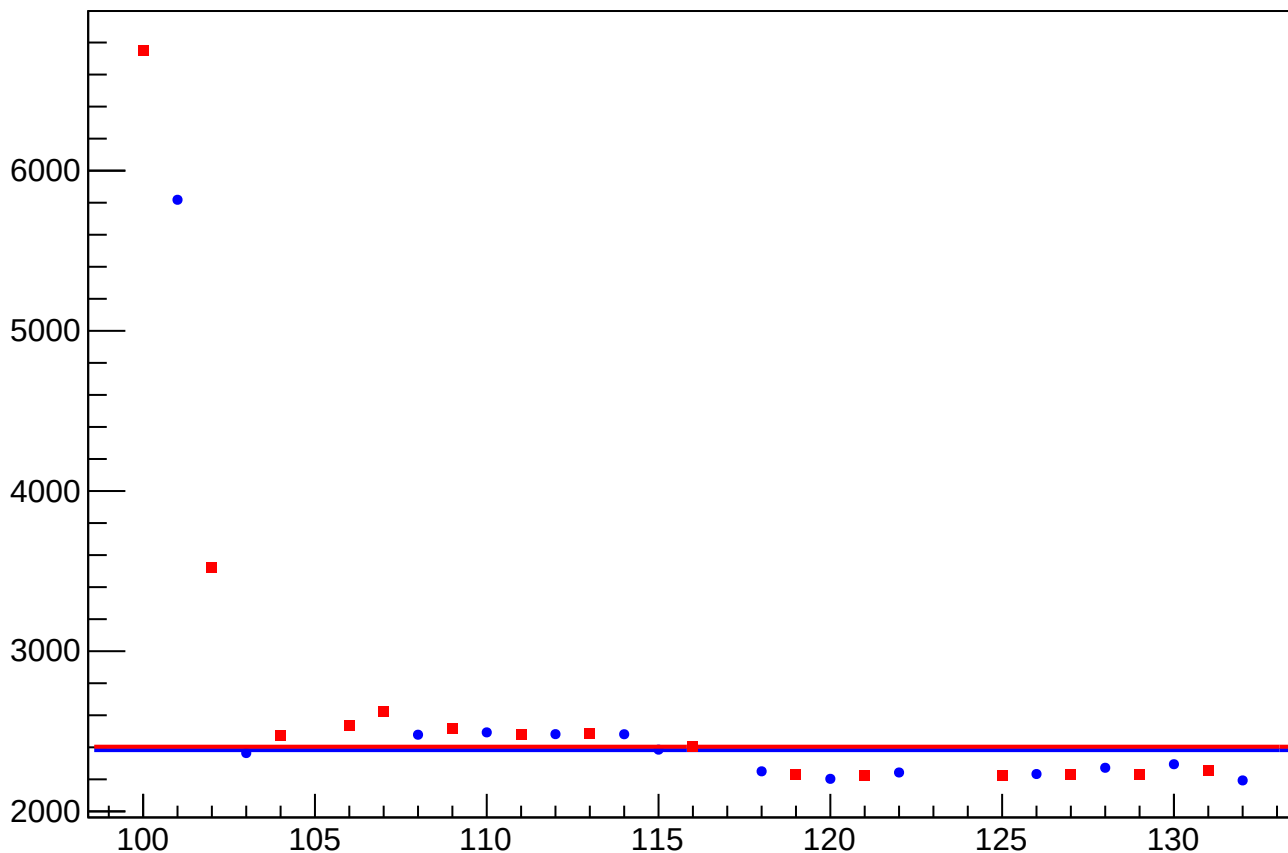
Right: 4241.715+/-701.172 χ^2/NDF : 22.2/28

In: 4632.561+/-995.374 χ^2/NDF : 11.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4241.715+/-701.172 χ^2/NDF : 22.2/28

dit_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2382.457+/-0.704 χ^2/NDF : 487650.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2403.797+/-0.699 χ^2/NDF : 197228.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

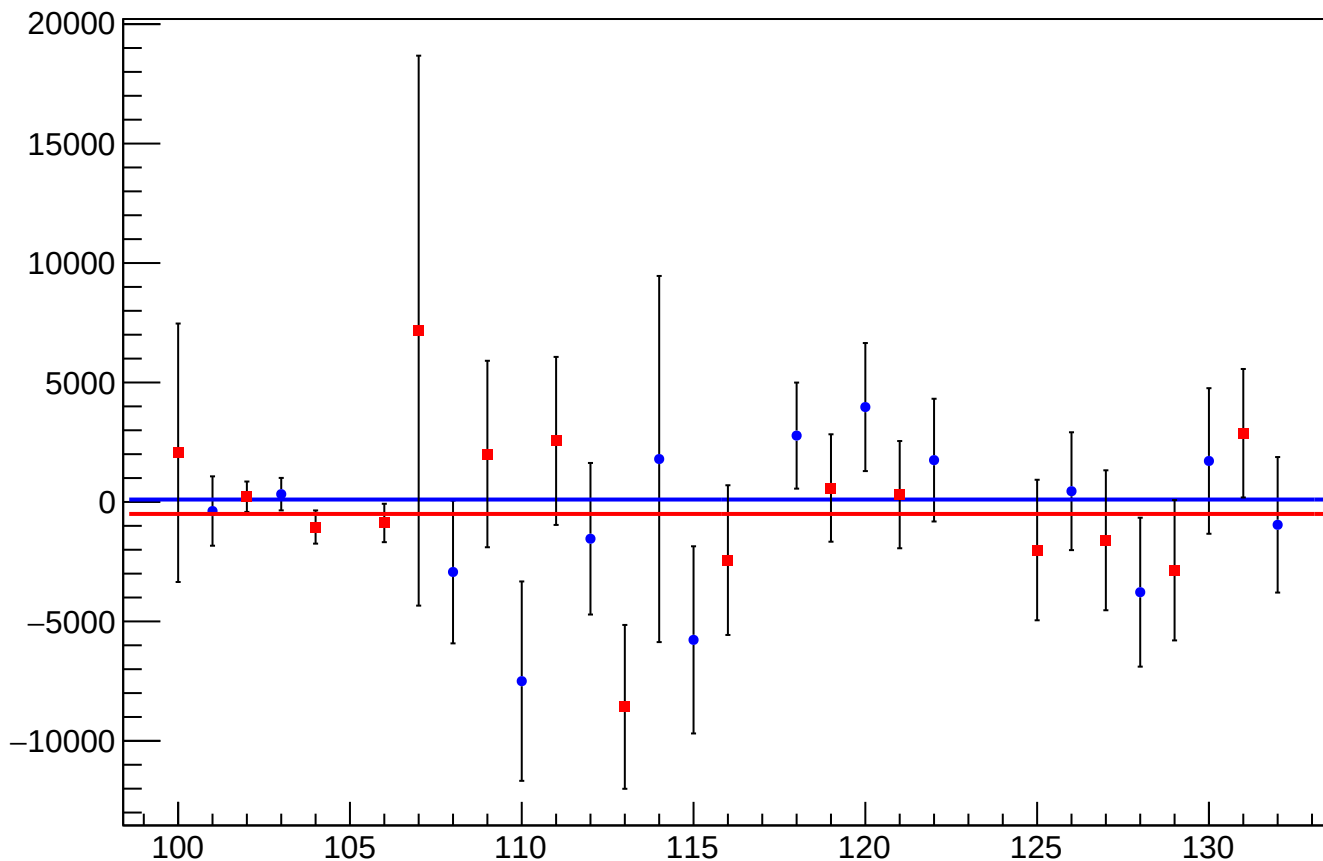
Right: 2393.208+/-0.496 χ^2/NDF : 685341.6/28

In: 2382.457+/-0.704 χ^2/NDF : 487650.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2393.208+/-0.496 χ^2/NDF : 685341.6/28

asym_us_avg_at1lr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 101.141 $\pm$ 500.934 χ^2 /NDF: 13.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -501.810 $\pm$ 368.859 χ^2 /NDF: 12.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

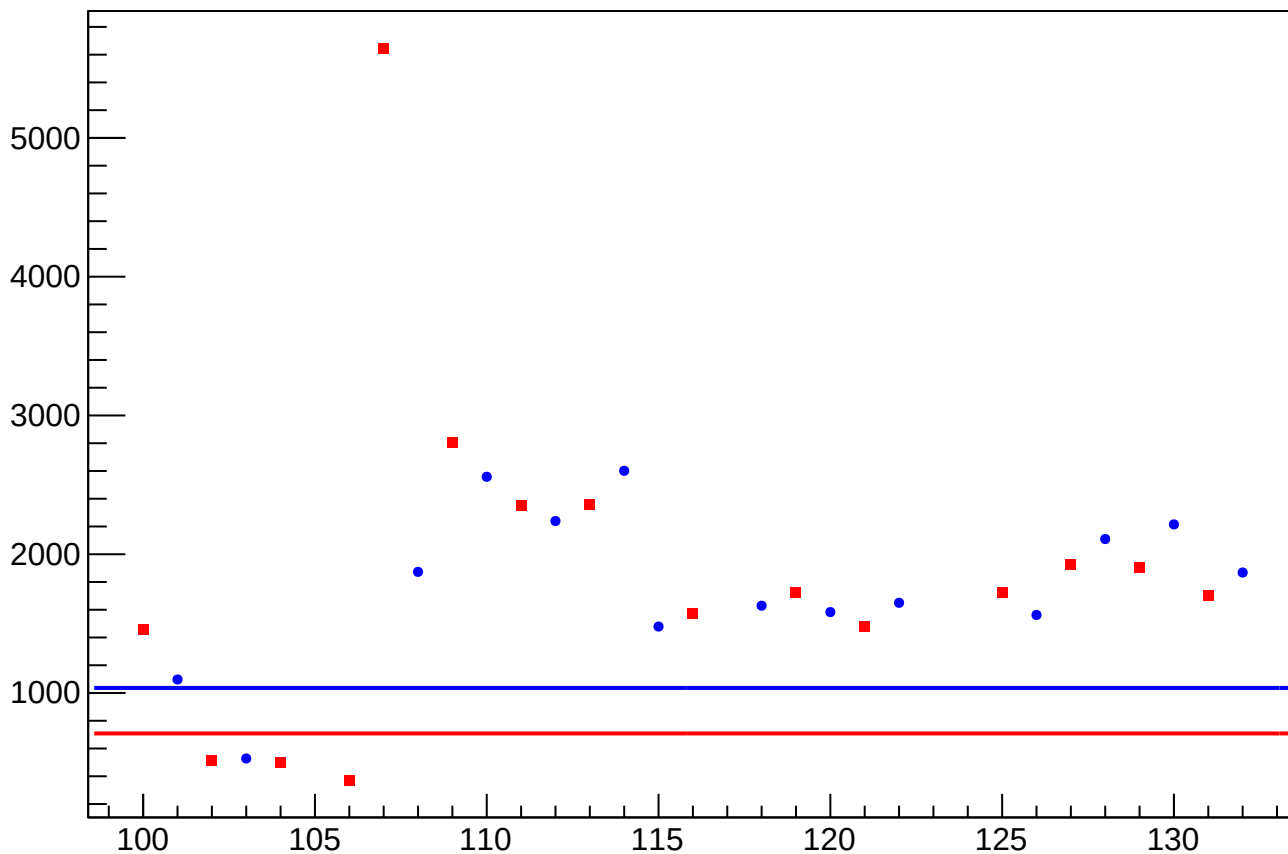
Right: -289.827 $\pm$ 297.023 χ^2 /NDF: 26.9/28

In: 101.141 $\pm$ 500.934 χ^2 /NDF:13.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -289.827 $\pm$ 297.023 χ^2 /NDF: 26.9/28

asym_us_avg_at1lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1036.624+/-0.354 χ^2/NDF : 3081849.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 708.653+/-0.261 χ^2/NDF : 4600238.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

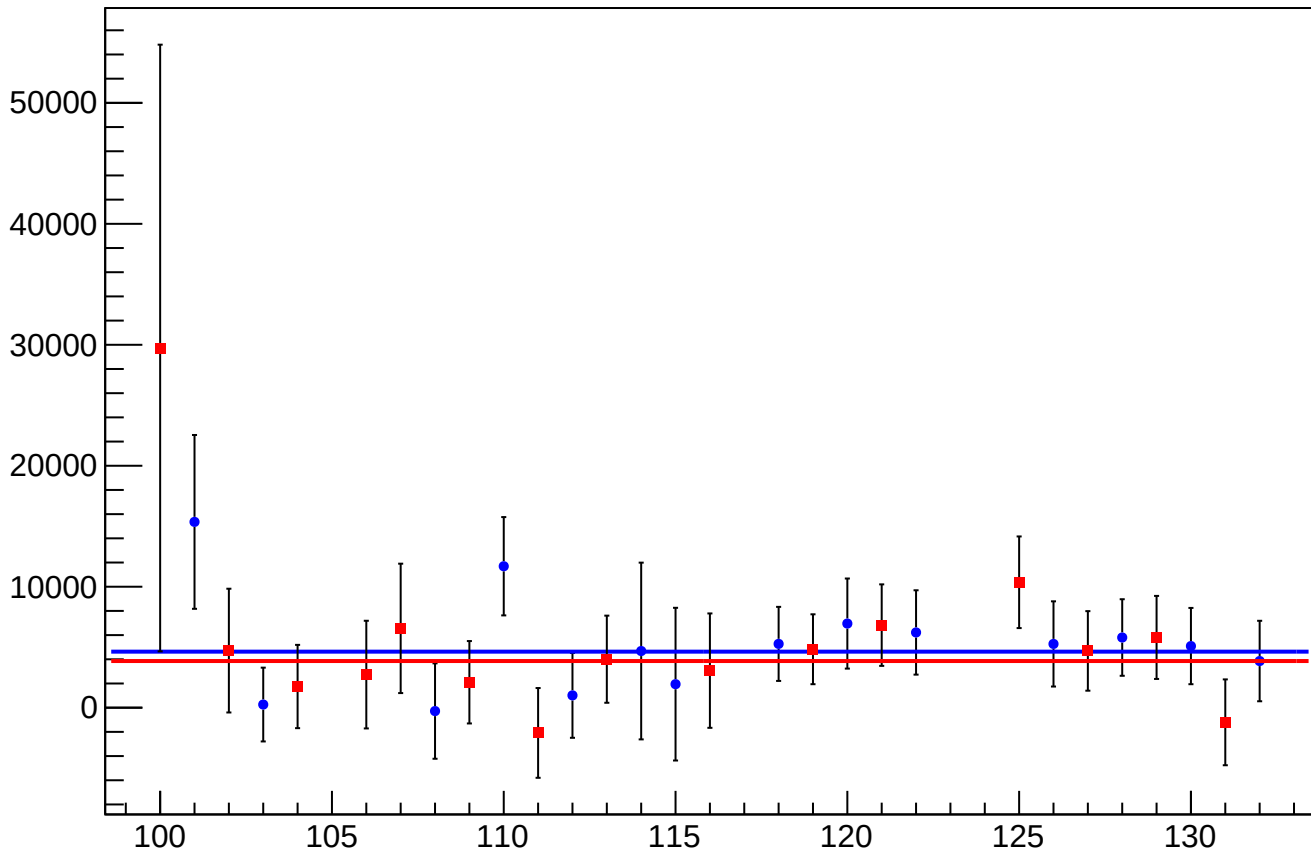
Right: 823.960+/-0.210 χ^2/NDF : 8237990.4/28

In: 1036.624+/-0.354 χ^2/NDF : 3081849.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 823.960+/-0.210 χ^2/NDF : 8237990.4/28

eigen_dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4632.560+/-995.373 χ^2/NDF : 11.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3856.727+/-987.883 χ^2/NDF : 10.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

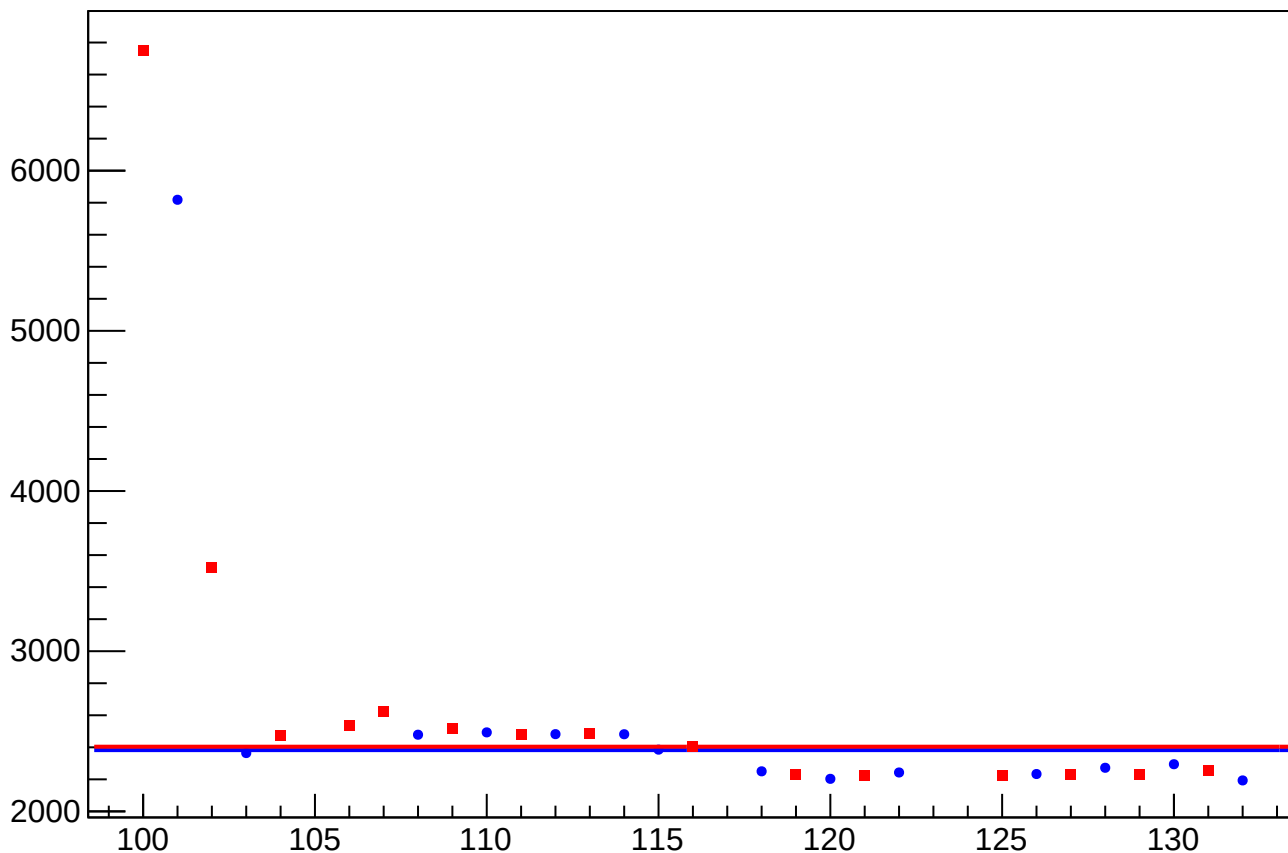
Right: 4241.713+/-701.172 χ^2/NDF : 22.2/28

In: 4632.560+/-995.373 χ^2/NDF : 11.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4241.713+/-701.172 χ^2/NDF : 22.2/28

eigen_dit_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2382.456+/-0.704 χ^2/NDF : 487650.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2403.797+/-0.699 χ^2/NDF : 197227.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

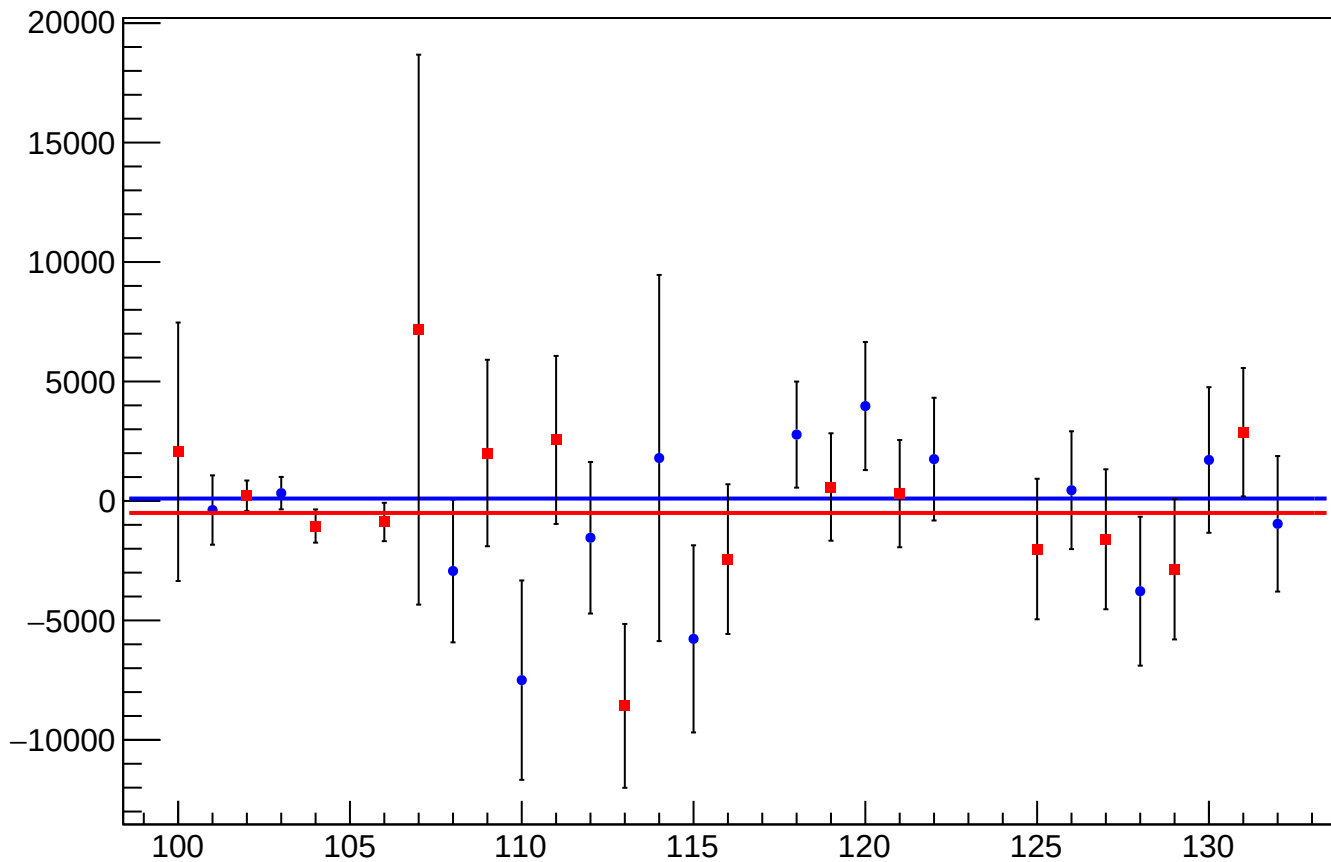
Right: 2393.207+/-0.496 χ^2/NDF : 685340.8/28

In: 2382.456+/-0.704 χ^2/NDF : 487650.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2393.207+/-0.496 χ^2/NDF : 685340.8/28

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 101.135+/-500.936 χ^2/NDF : 13.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -501.815+/-368.864 χ^2/NDF : 12.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

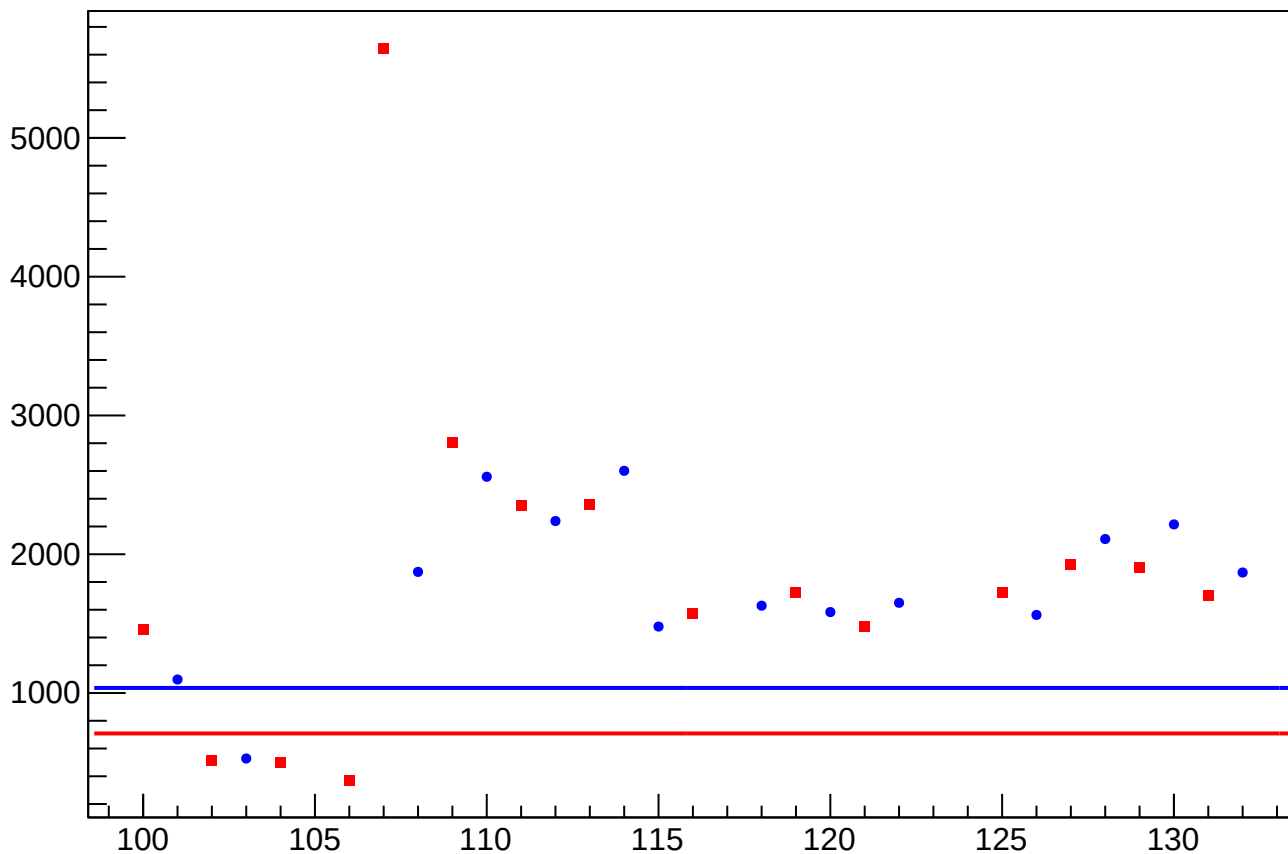
Right: -289.830+/-297.026 χ^2/NDF : 26.9/28

In: 101.135+/-500.936 χ^2/NDF : 13.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -289.830+/-297.026 χ^2/NDF : 26.9/28

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1036.634+/-0.354 χ^2/NDF : 3081784.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 708.668+/-0.261 χ^2/NDF : 4600141.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

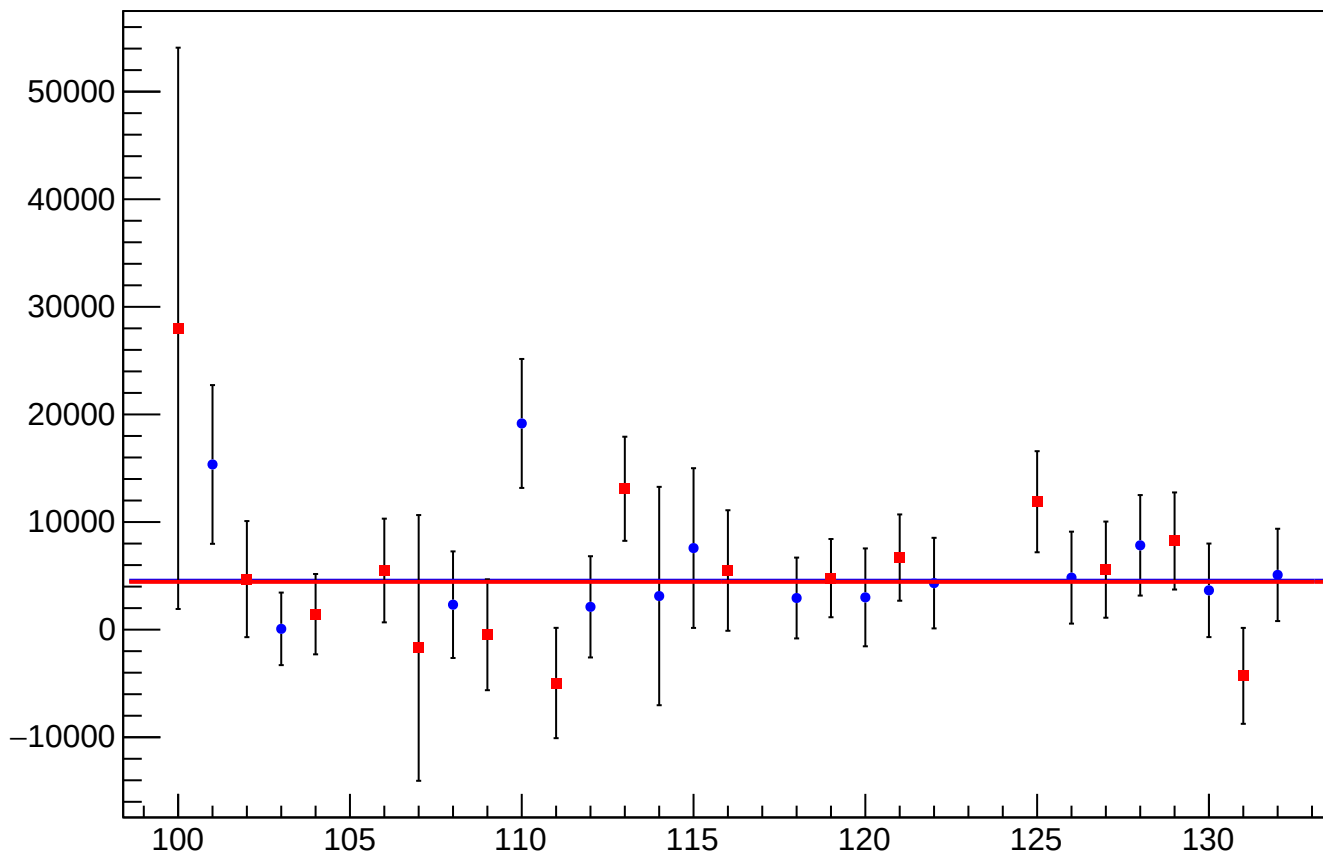
Right: 823.974+/-0.210 χ^2/NDF : 8237803.3/28

In: 1036.634+/-0.354 χ^2/NDF : 3081784.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 823.974+/-0.210 χ^2/NDF : 8237803.3/28

asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4547.173+/-1258.280 χ^2/NDF : 11.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4443.139+/-1249.733 χ^2/NDF : 16.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

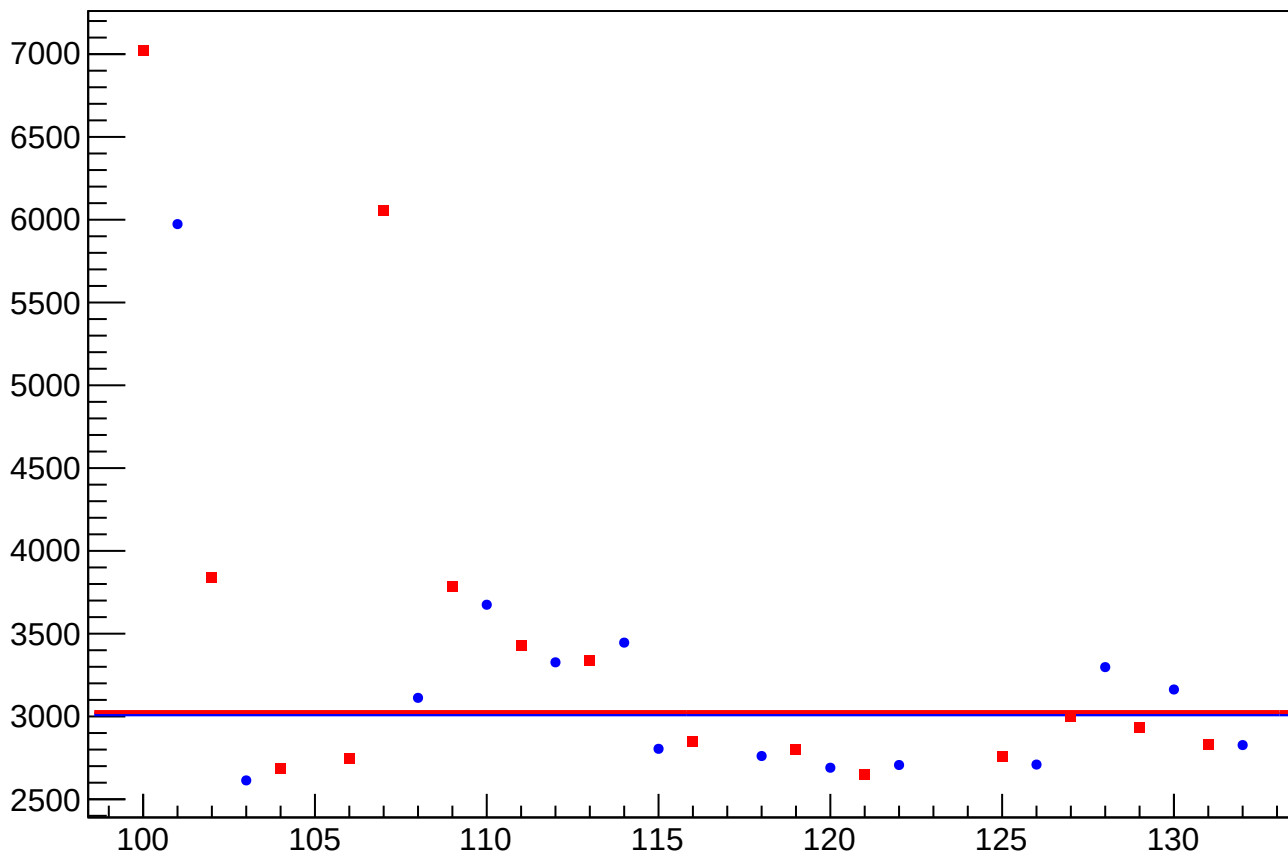
Right: 4494.801+/-886.701 χ^2/NDF : 28.1/28

In: 4547.173+/-1258.280 χ^2/NDF : 11.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4494.801+/-886.701 χ^2/NDF : 28.1/28

asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3012.901+/-0.890 χ^2/NDF : 442886.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3026.679+/-0.884 χ^2/NDF : 337938.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

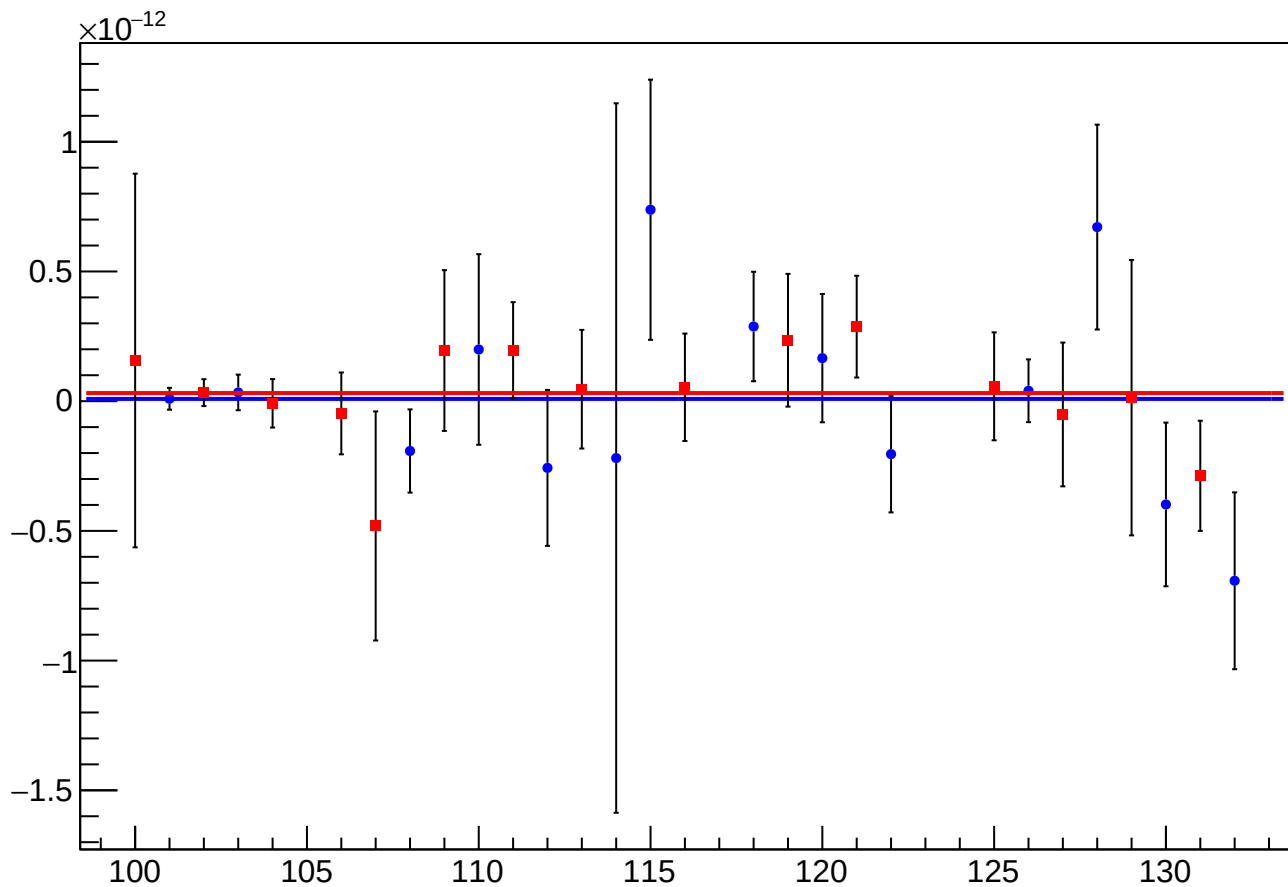
Right: 3019.837+/-0.627 χ^2/NDF : 780946.2/28

In: 3012.901+/-0.890 χ^2/NDF : 442886.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3019.837+/-0.627 χ^2/NDF : 780946.2/28

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

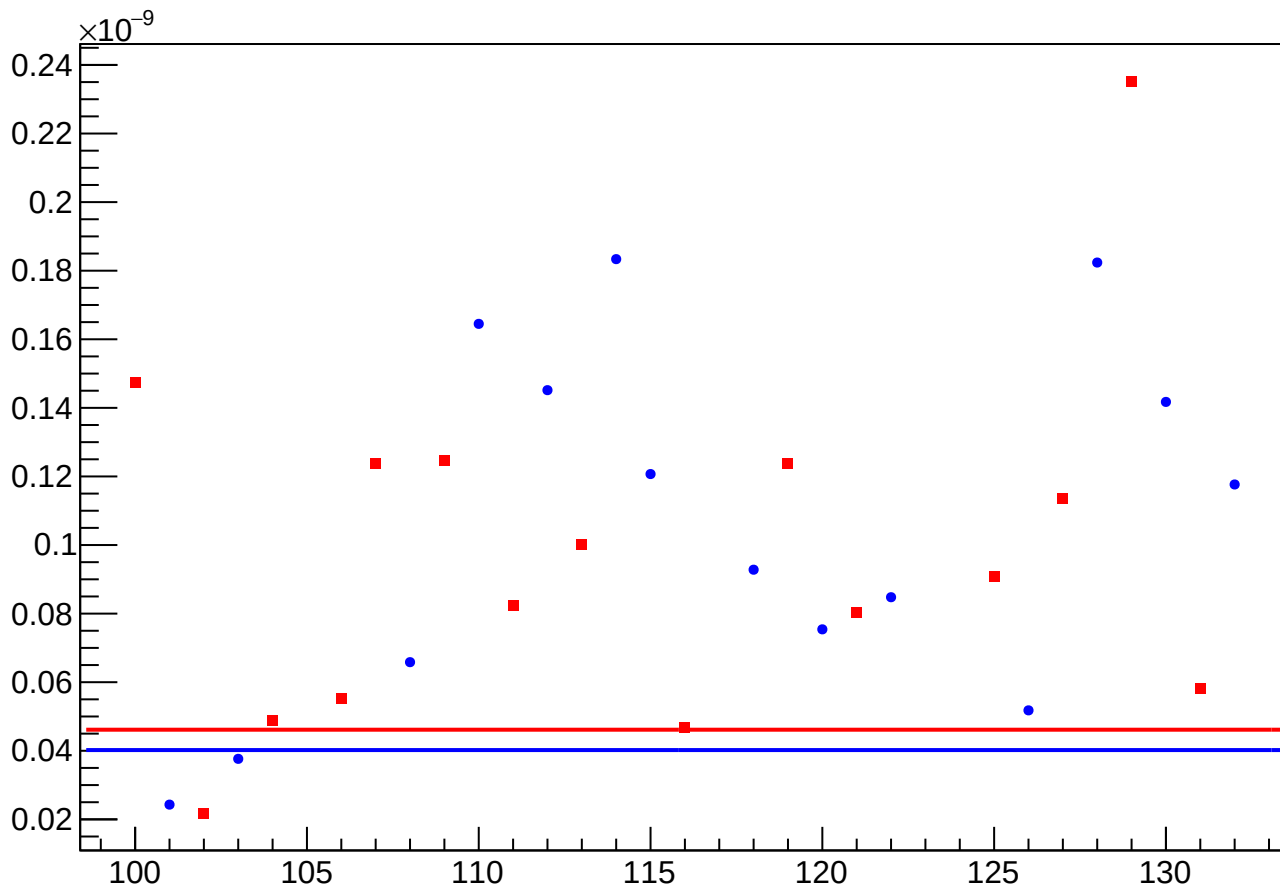
Right: 0.000+/-0.000 χ^2/NDF : 24.5/28

In: 0.000+/-0.000 χ^2/NDF : 16.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.5/28

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1716959.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1587465.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

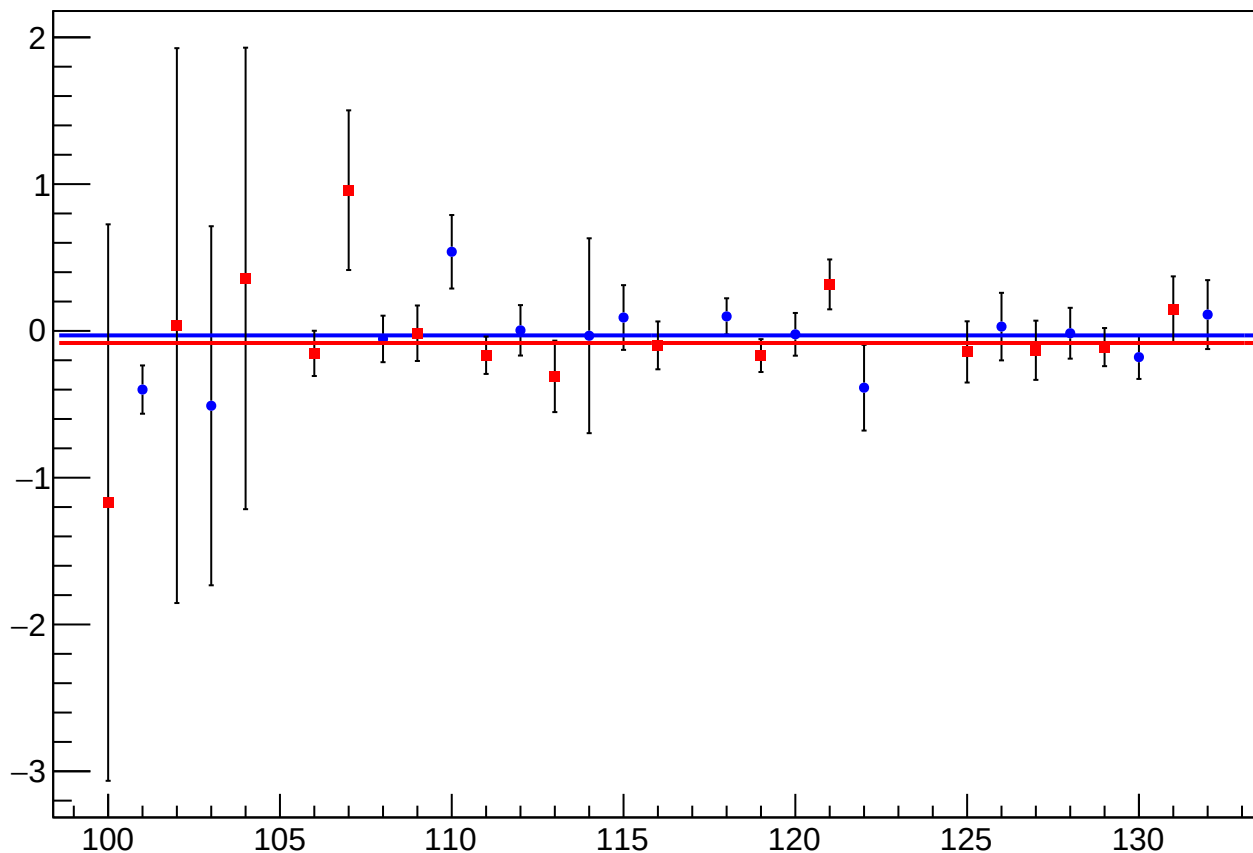
Right: 0.000+/-0.000 χ^2/NDF : 3333791.4/28

In: 0.000+/-0.000 χ^2/NDF :1716959.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3333791.4/28

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031 ± 0.051 χ^2/NDF : 14.8/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.082 ± 0.048 χ^2/NDF : 13.1/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

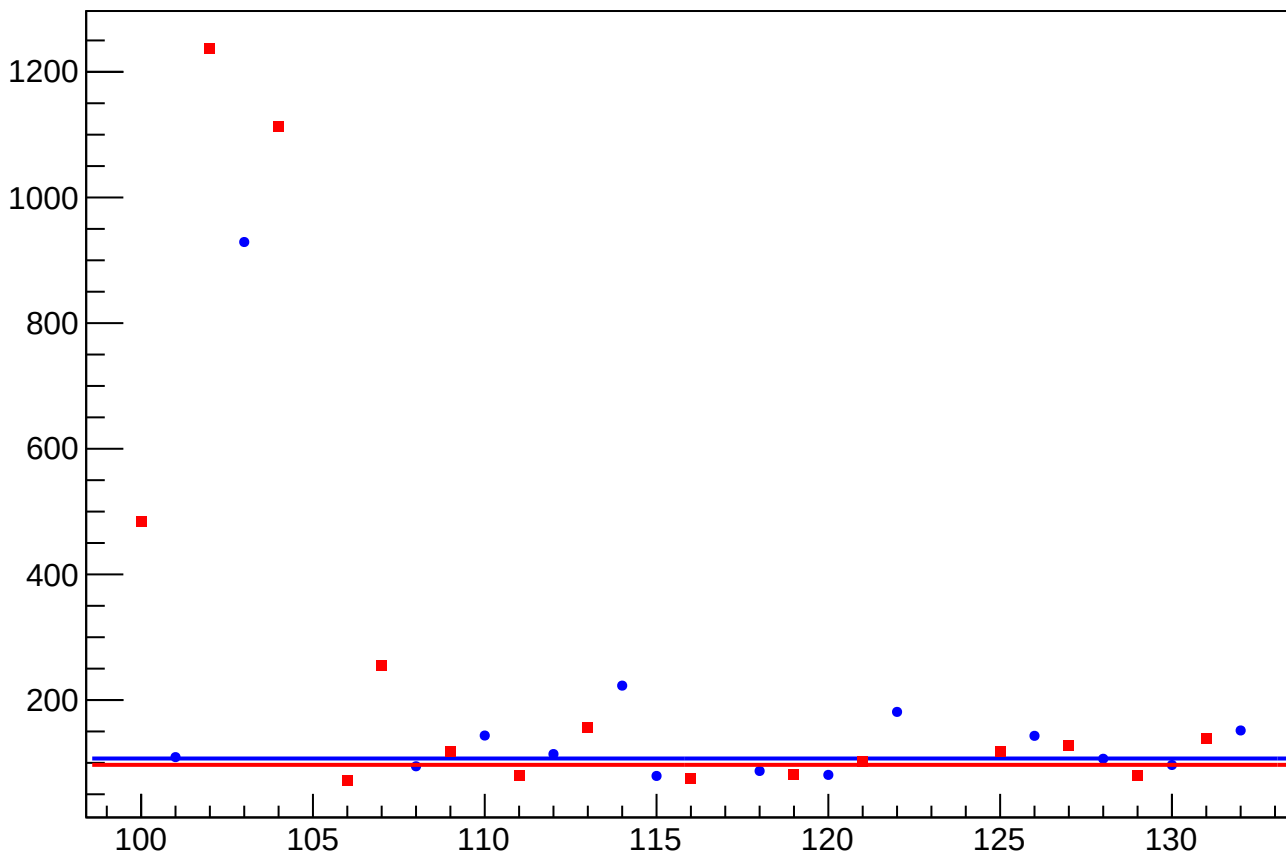
Right: -0.058 ± 0.035 χ^2/NDF : 28.4/28

In: -0.031 ± 0.051 χ^2/NDF : 14.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.058 ± 0.035 χ^2/NDF : 28.4/28

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 106.941+/-0.036 χ^2/NDF : 1431360.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.836+/-0.034 χ^2/NDF : 2309902.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

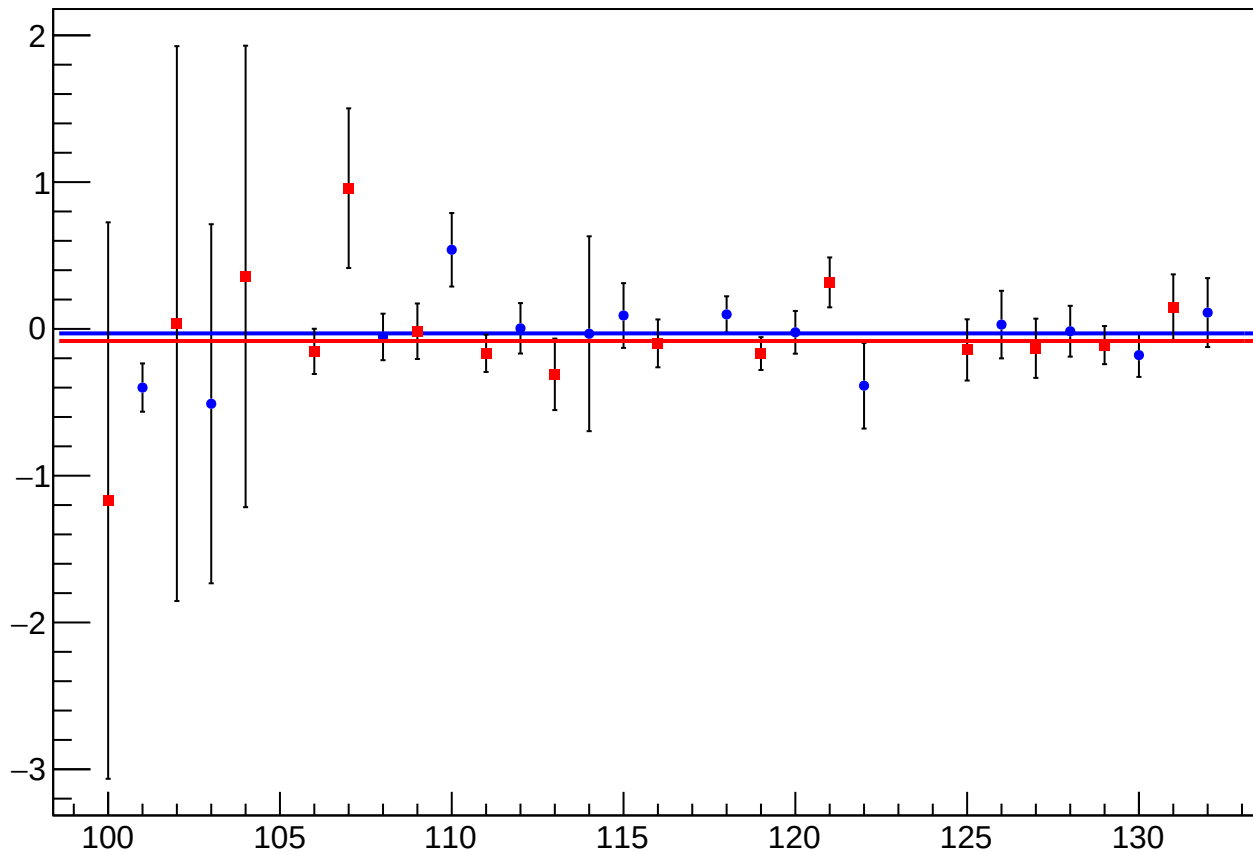
Right: 101.633+/-0.025 χ^2/NDF : 3783133.8/28

In: 106.941+/-0.036 χ^2/NDF : 1431360.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.633+/-0.025 χ^2/NDF : 3783133.8/28

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031 ± 0.051 χ^2/NDF : 14.8/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.082 ± 0.048 χ^2/NDF : 13.1/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

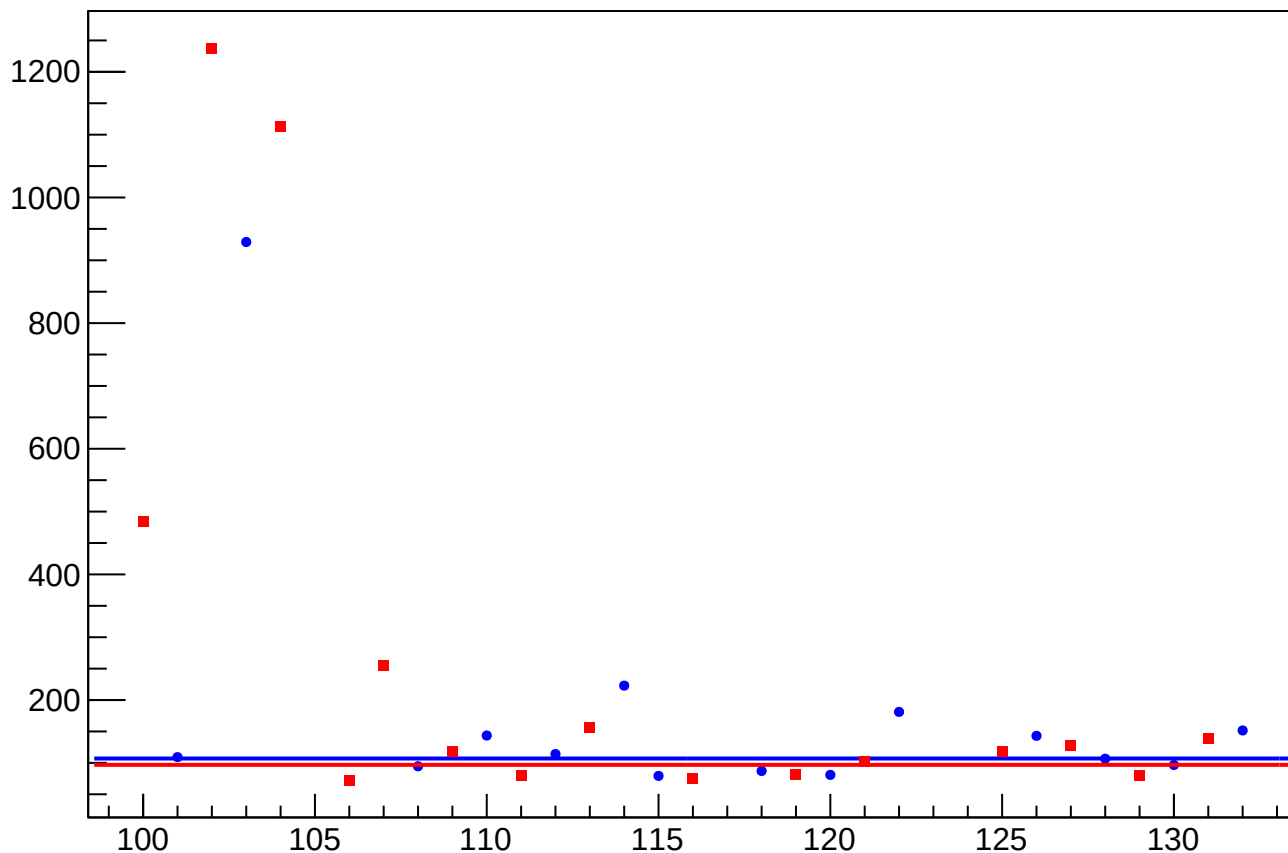
Right: -0.058 ± 0.035 χ^2/NDF : 28.4/28

In: -0.031 ± 0.051 χ^2/NDF : 14.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.058 ± 0.035 χ^2/NDF : 28.4/28

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 106.941 $\pm$ 0.036 χ^2 /NDF: 1431360.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 96.836 $\pm$ 0.034 χ^2 /NDF: 2309902.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

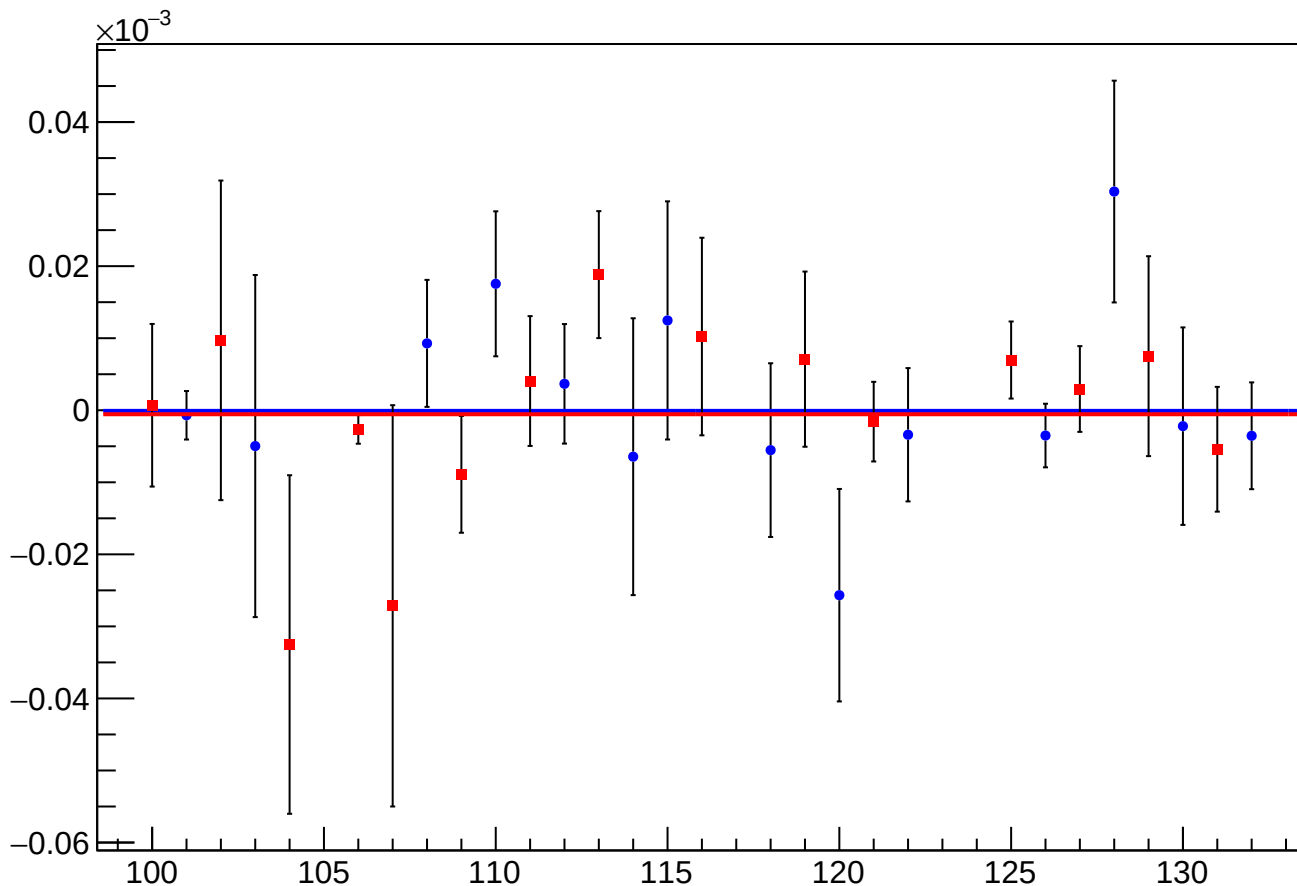
Right: 101.633 $\pm$ 0.025 χ^2 /NDF: 3783133.8/28

In: 106.941 $\pm$ 0.036 χ^2 /NDF:1431360.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 101.633 $\pm$ 0.025 χ^2 /NDF: 3783133.8/28

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

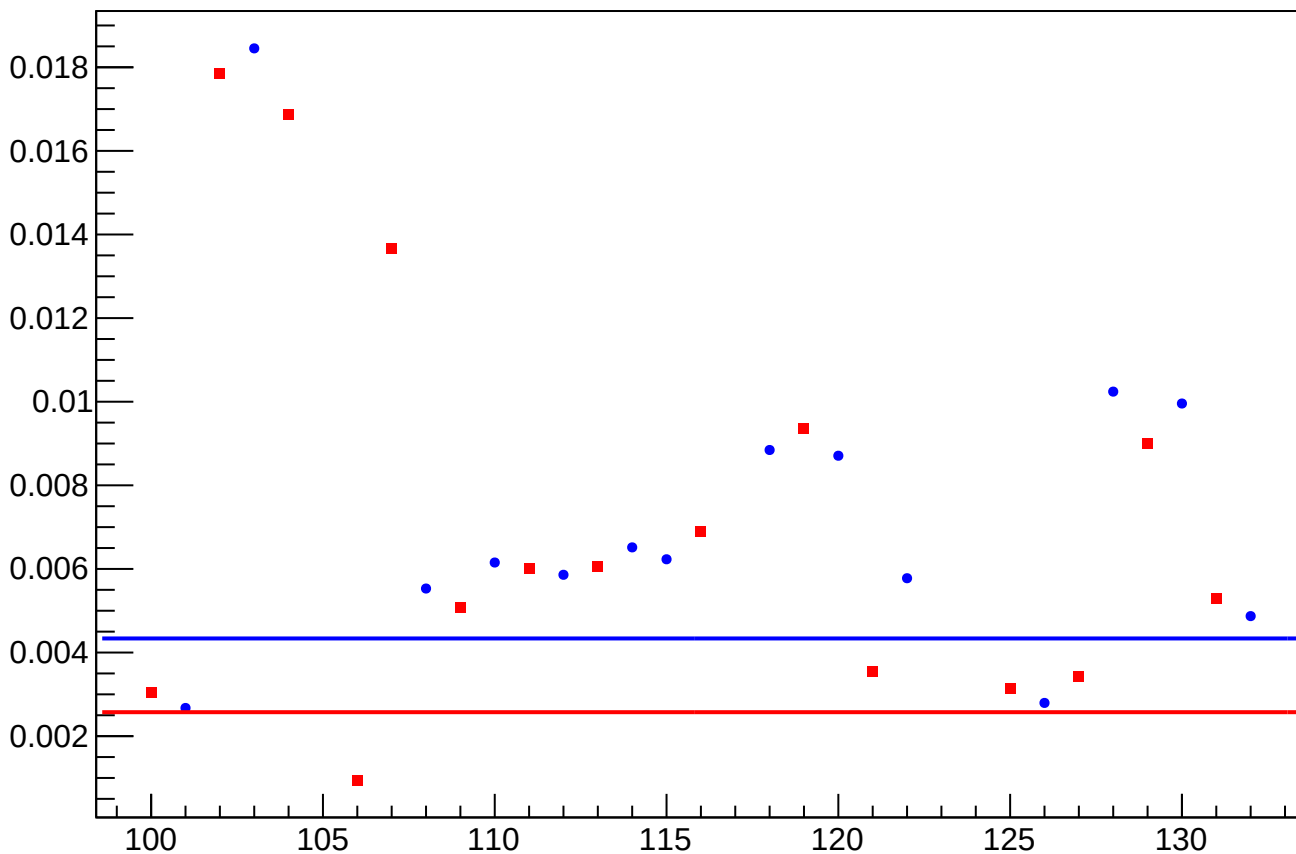
Right: -0.000+/-0.000 χ^2/NDF : 27.6/28

In: -0.000+/-0.000 χ^2/NDF : 13.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.6/28

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 2805057.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 5745731.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

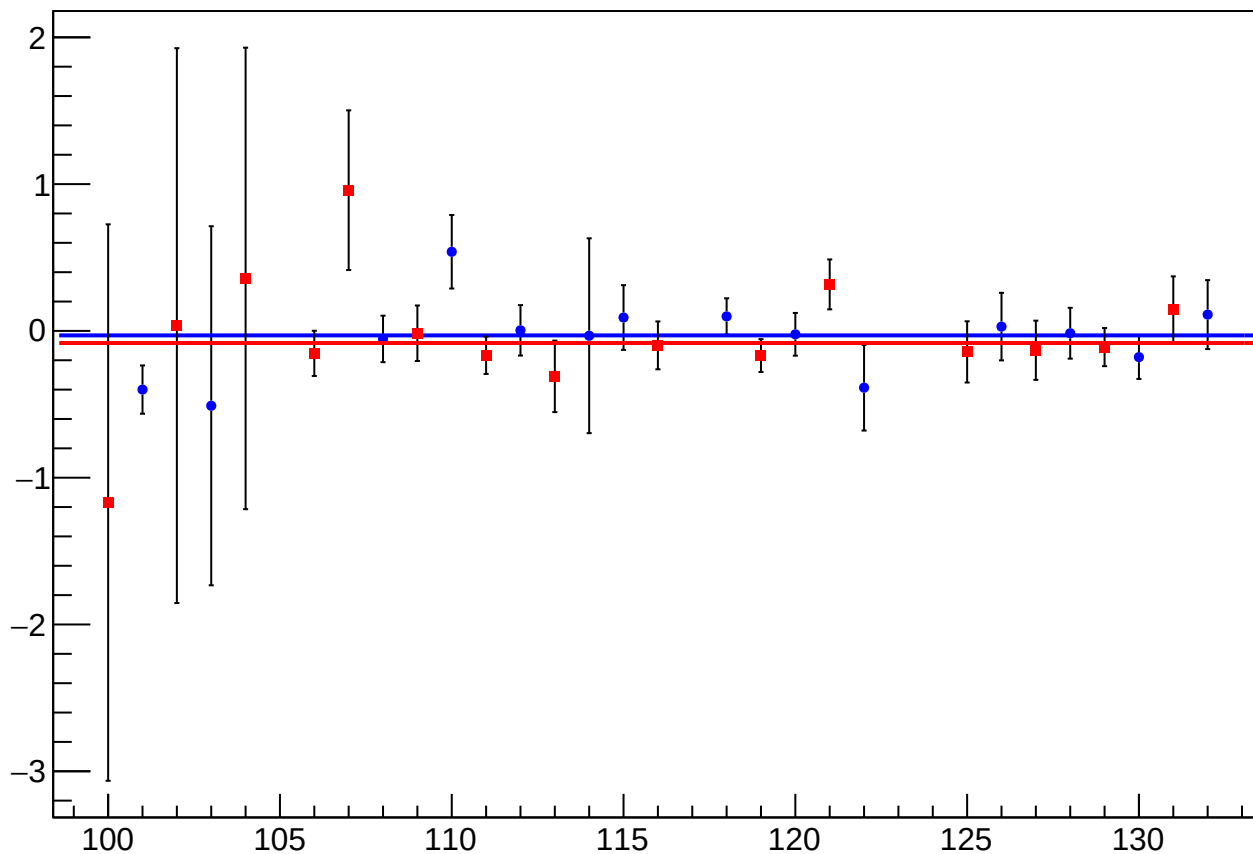
Right: 0.003+/-0.000 χ^2/NDF : 9500818.8/28

In: 0.004+/-0.000 χ^2/NDF :2805057.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 9500818.8/28

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031 ± 0.051 χ^2/NDF : 14.8/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.082 ± 0.048 χ^2/NDF : 13.1/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

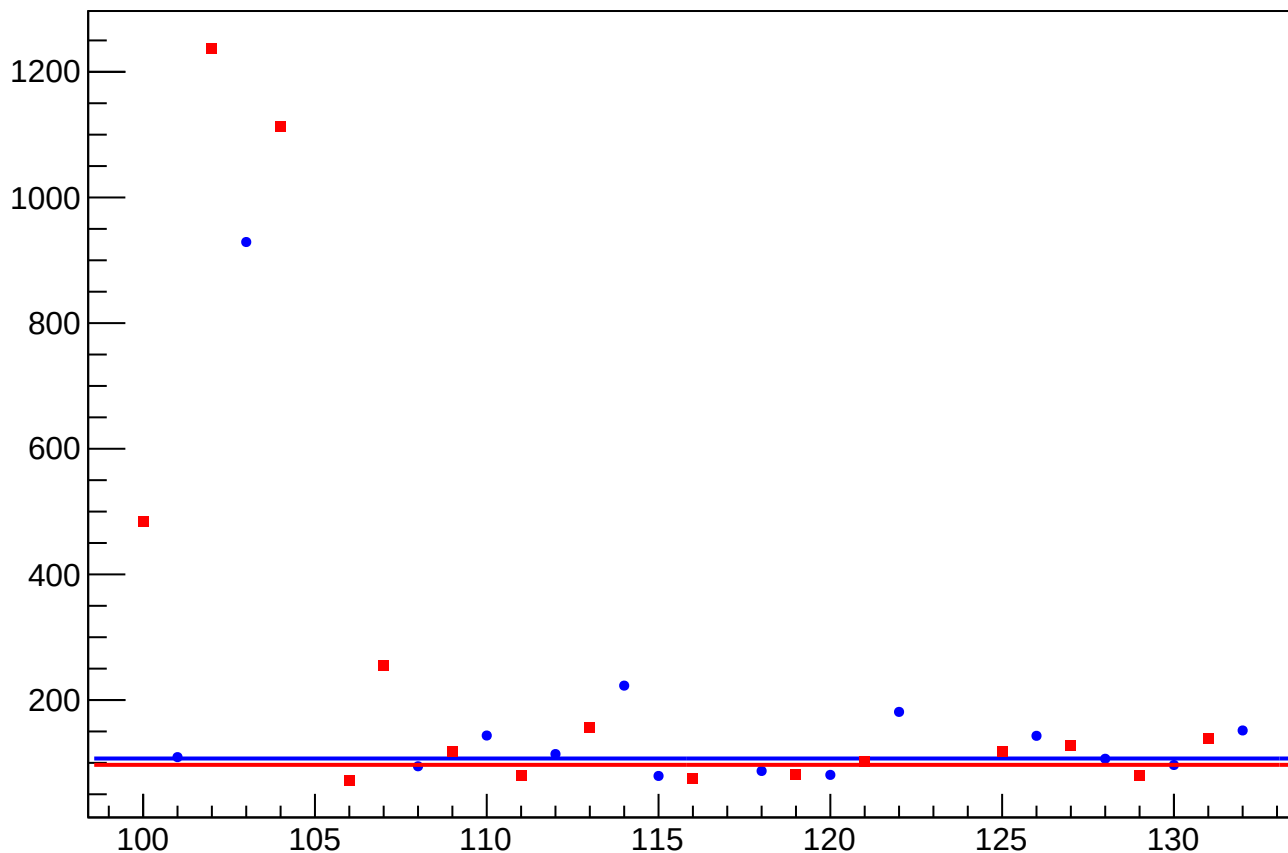
Right: -0.058 ± 0.035 χ^2/NDF : 28.4/28

In: -0.031 ± 0.051 χ^2/NDF : 14.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.058 ± 0.035 χ^2/NDF : 28.4/28

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 106.938+/-0.036 χ^2/NDF : 1431386.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.835+/-0.034 χ^2/NDF : 2309895.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

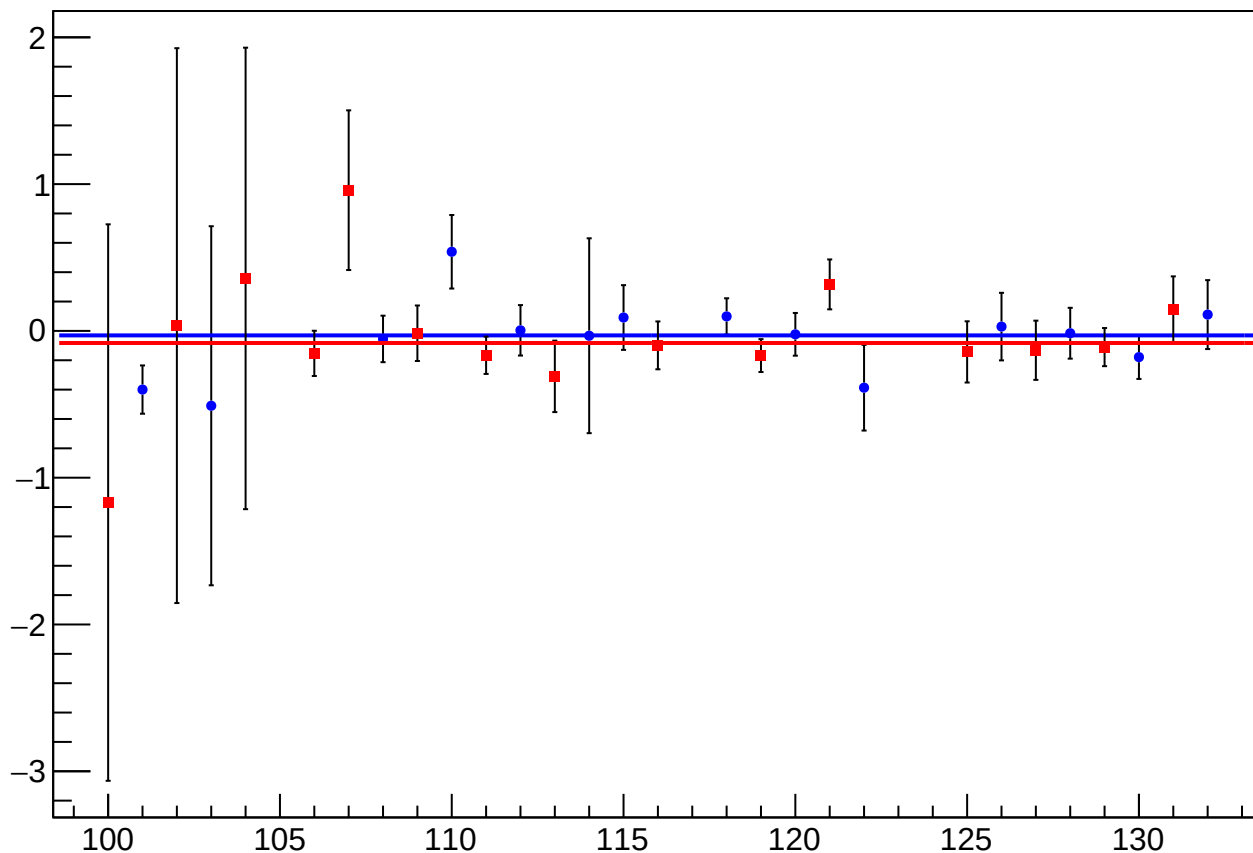
Right: 101.631+/-0.025 χ^2/NDF : 3783143.4/28

In: 106.938+/-0.036 χ^2/NDF : 1431386.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.631+/-0.025 χ^2/NDF : 3783143.4/28

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031 ± 0.051 χ^2/NDF : 14.8/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.082 ± 0.048 χ^2/NDF : 13.1/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

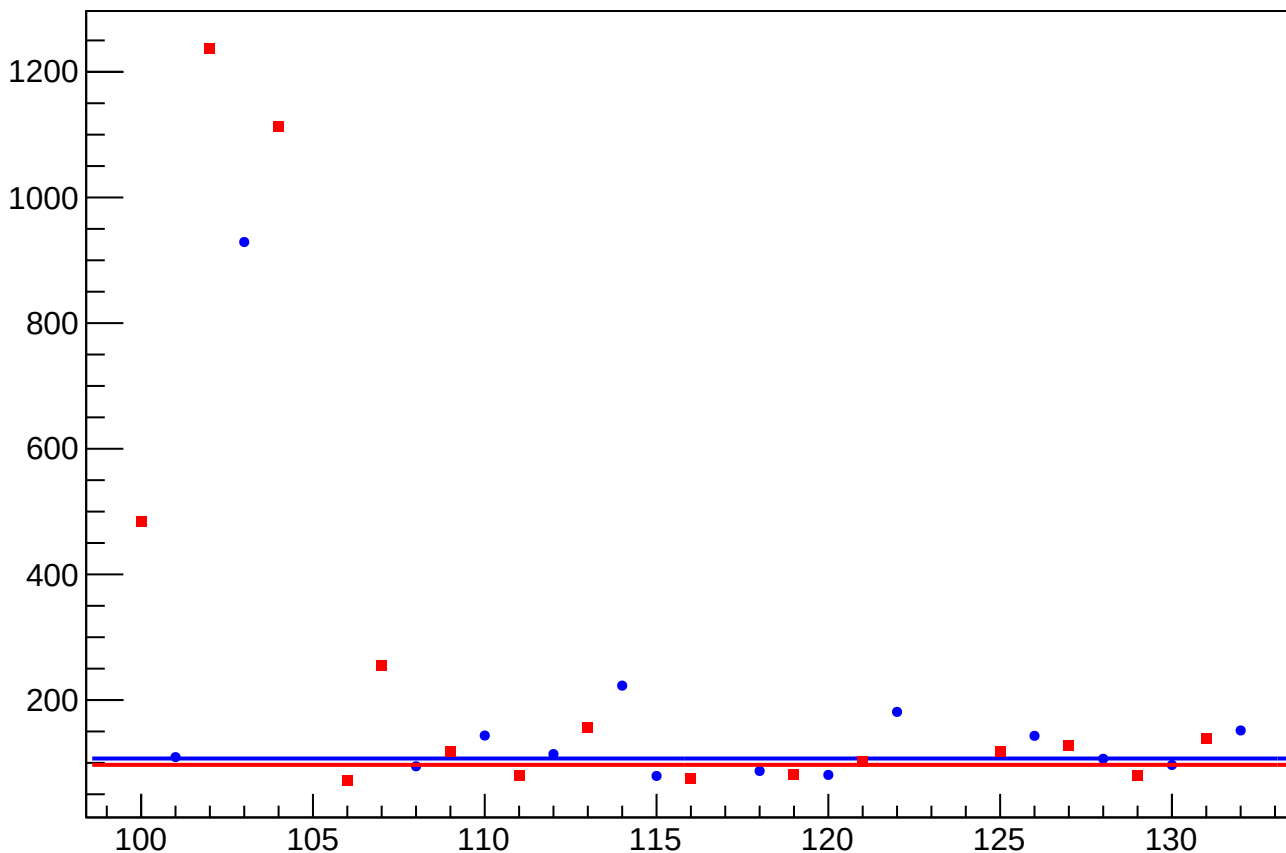
Right: -0.058 ± 0.035 χ^2/NDF : 28.4/28

In: -0.031 ± 0.051 χ^2/NDF : 14.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.058 ± 0.035 χ^2/NDF : 28.4/28

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 106.938 $\pm$ 0.036 χ^2 /NDF: 1431386.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 96.835 $\pm$ 0.034 χ^2 /NDF: 2309895.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

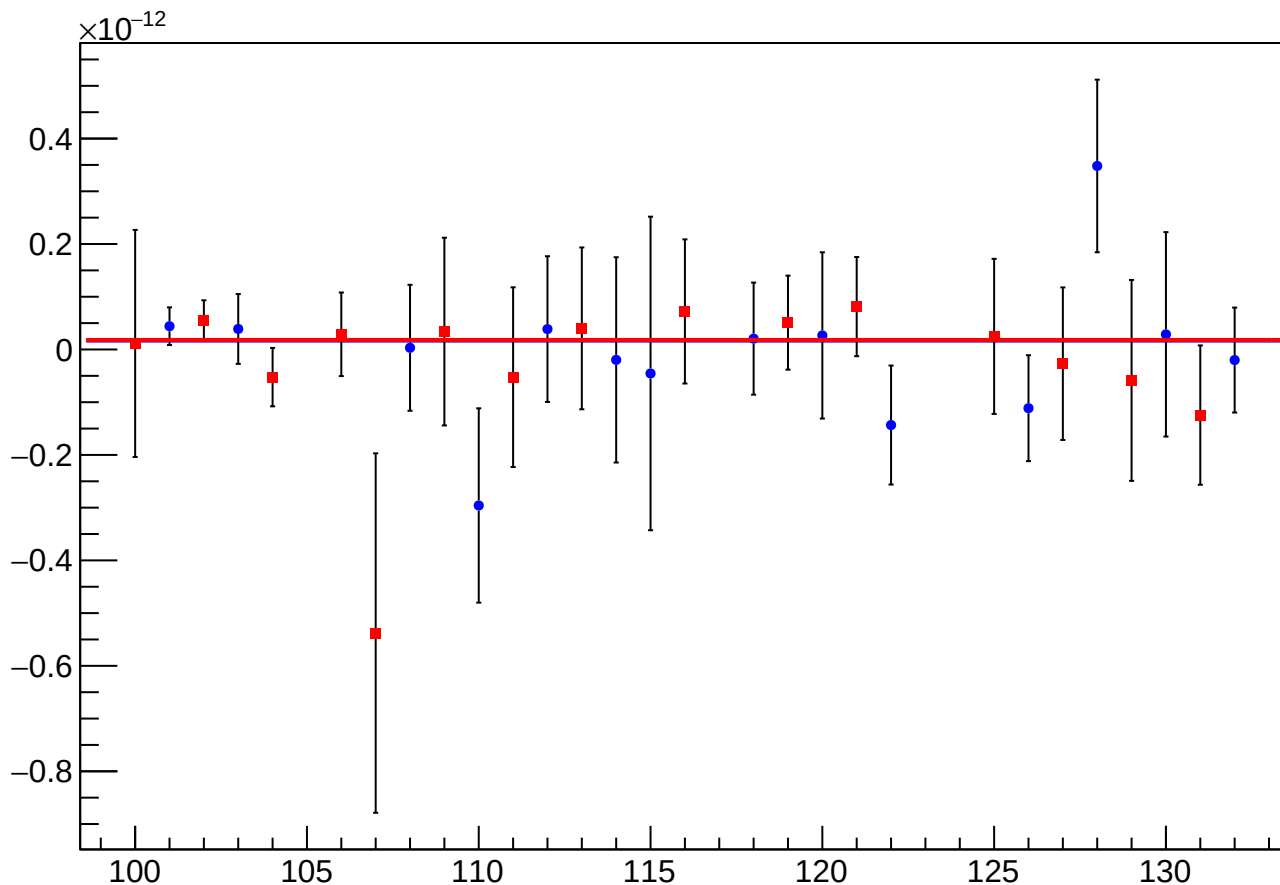
Right: 101.631 $\pm$ 0.025 χ^2 /NDF: 3783143.4/28

In: 106.938 $\pm$ 0.036 χ^2 /NDF:1431386.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 101.631 $\pm$ 0.025 χ^2 /NDF: 3783143.4/28

asym_us_avg_at1lr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

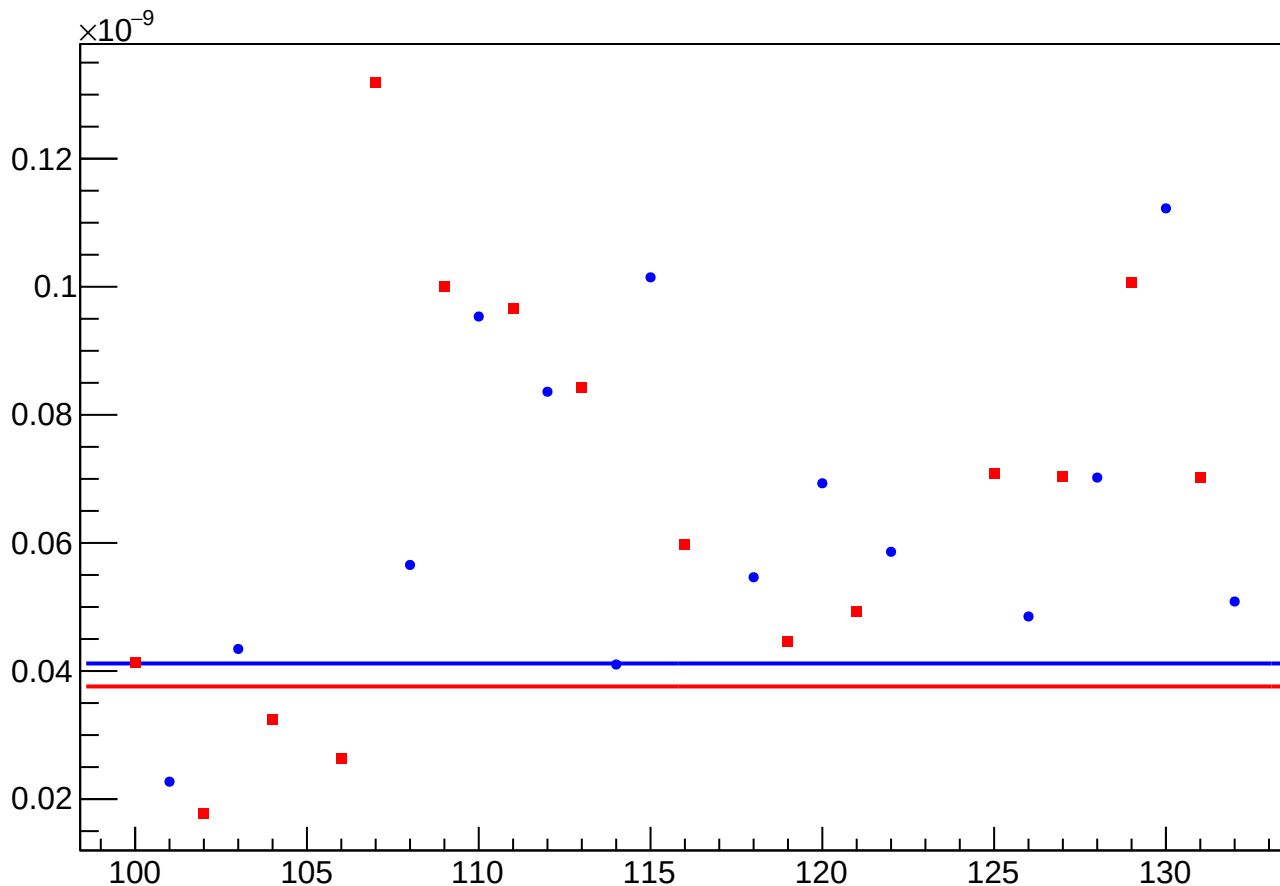
Right: 0.000+/-0.000 χ^2/NDF : 19.2/28

In: 0.000+/-0.000 χ^2/NDF : 11.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.2/28

asym_us_avg_at1lr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1517854.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2061629.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

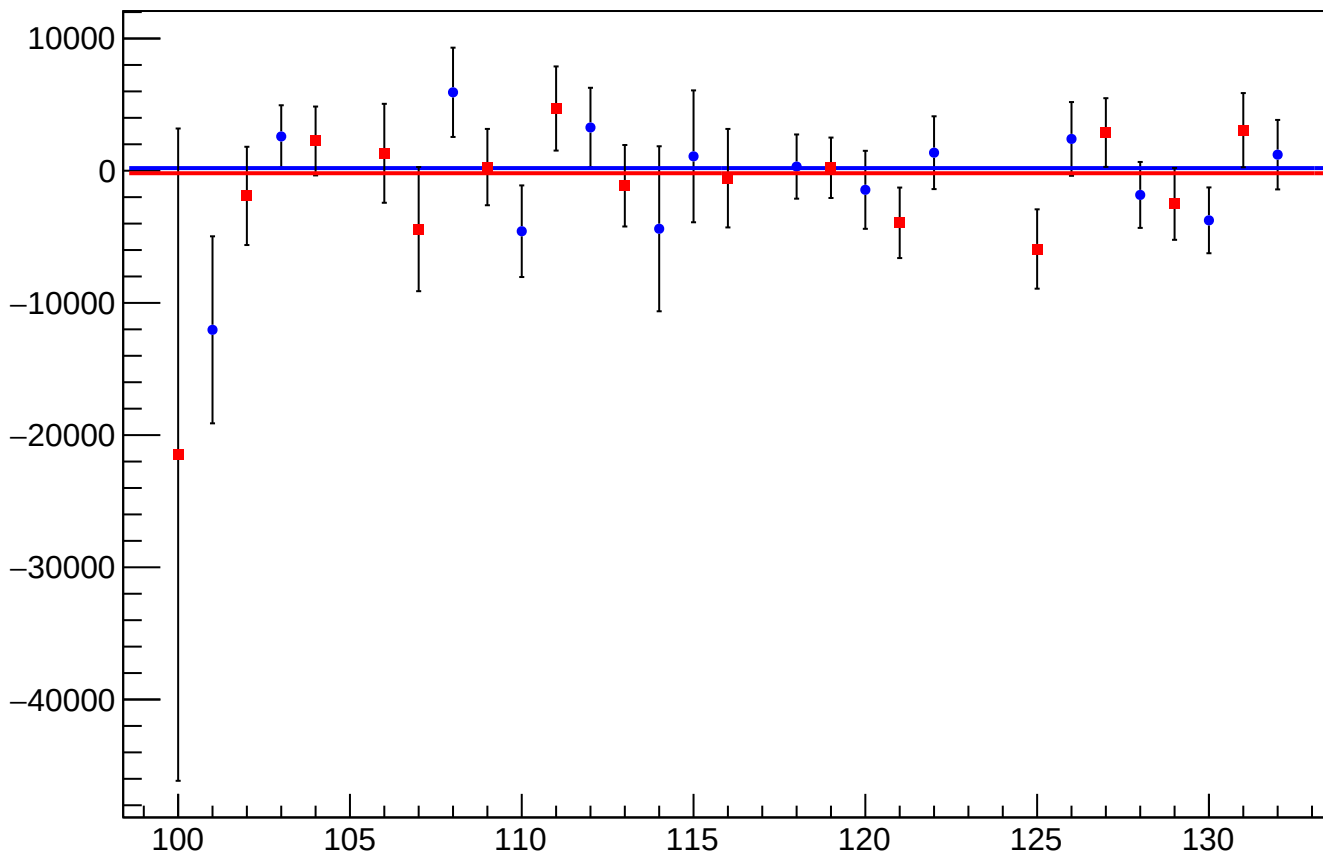
Right: 0.000+/-0.000 χ^2/NDF : 3601691.3/28

In: 0.000+/-0.000 χ^2/NDF : 1517854.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3601691.3/28

reg_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 198.417 $\pm$ 800.844 χ^2 /NDF: 14.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -190.219 $\pm$ 793.629 χ^2 /NDF: 14.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

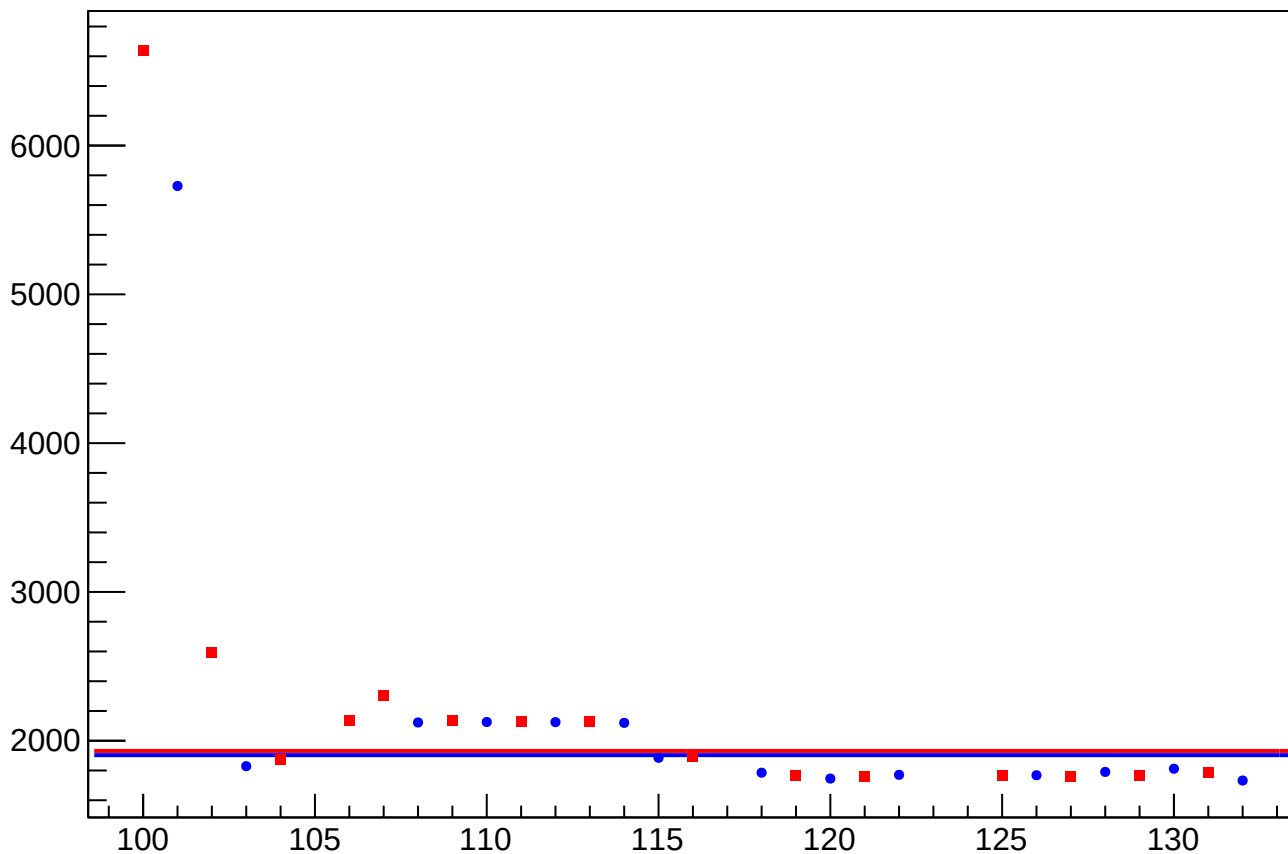
Right: 2.341 $\pm$ 563.714 χ^2 /NDF: 29.4/28

In: 198.417 $\pm$ 800.844 χ^2 /NDF:14.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.341 $\pm$ 563.714 χ^2 /NDF: 29.4/28

reg_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1903.159+/-0.566 χ^2/NDF : 651759.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1931.448+/-0.561 χ^2/NDF : 229169.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

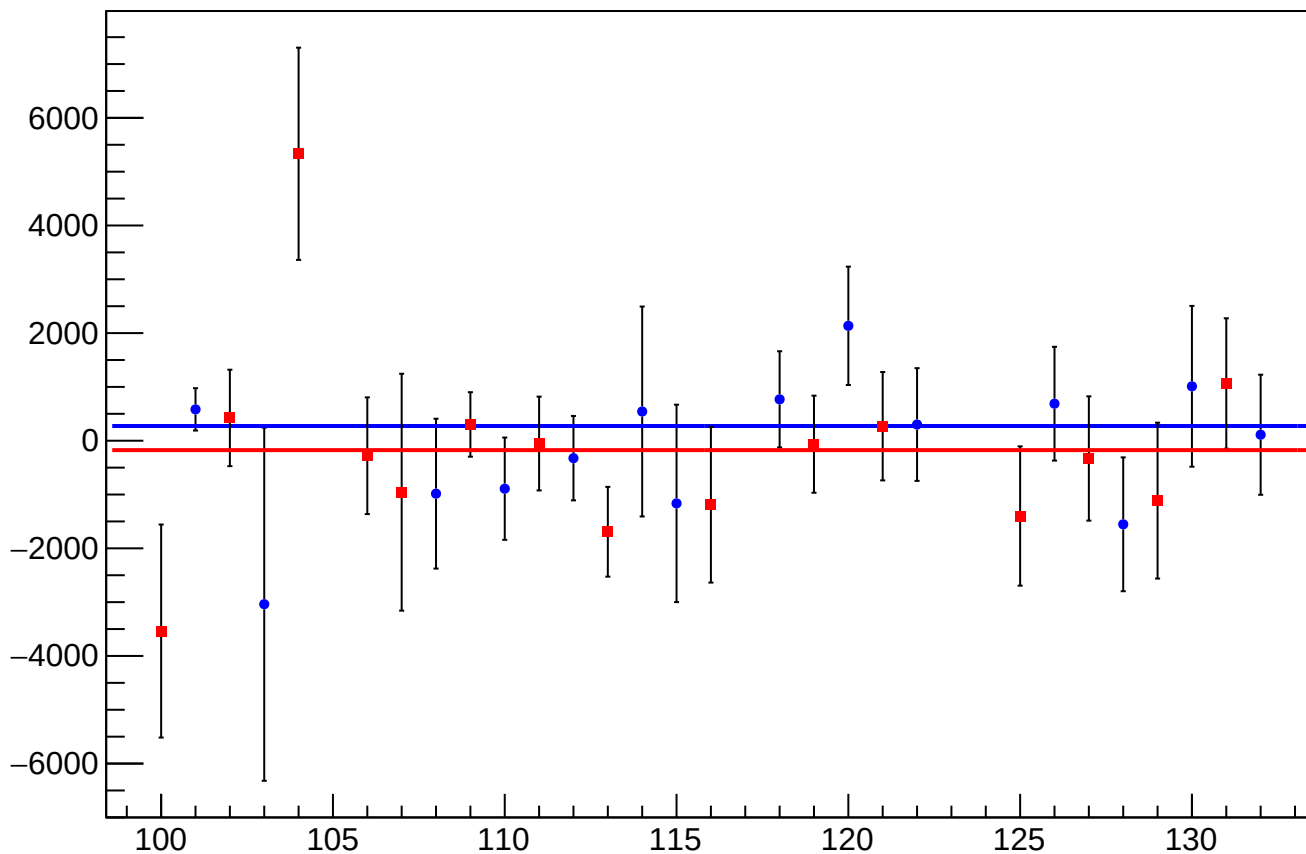
Right: 1917.432+/-0.399 χ^2/NDF : 882187.9/28

In: 1903.159+/-0.566 χ^2/NDF : 651759.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1917.432+/-0.399 χ^2/NDF : 882187.9/28

asym_us_avg_at1lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 273.432+/-248.904 χ^2/NDF : 10.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -174.813+/-271.679 χ^2/NDF : 18.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

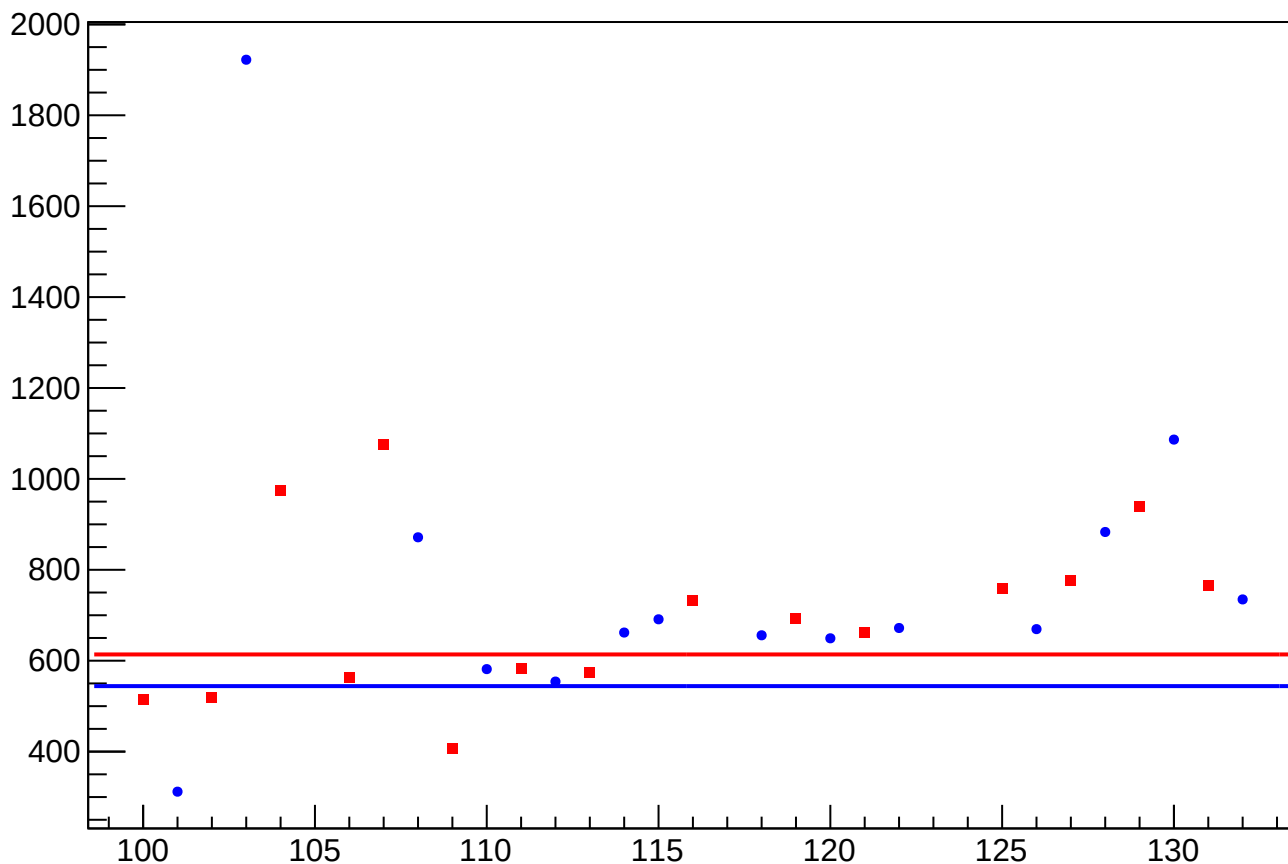
Right: 68.882+/-183.526 χ^2/NDF : 30.7/28

In: 273.432+/-248.904 χ^2/NDF : 10.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.882+/-183.526 χ^2/NDF : 30.7/28

asym_us_avg_at1lr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 544.089+/-0.176 χ^2/NDF : 1761672.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 613.778+/-0.192 χ^2/NDF : 662456.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

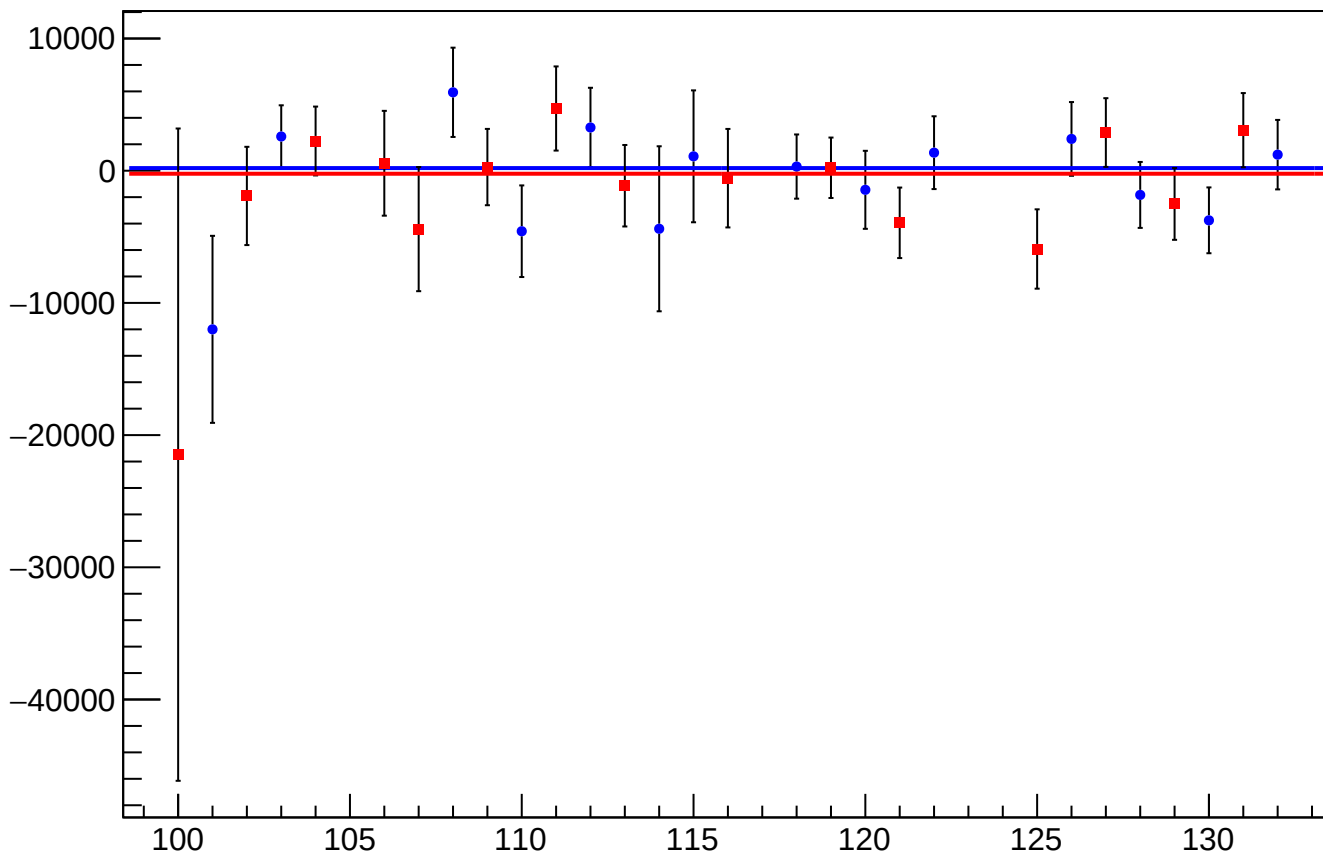
Right: 575.891+/-0.130 χ^2/NDF : 2495673.4/28

In: 544.089+/-0.176 χ^2/NDF : 1761672.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 575.891+/-0.130 χ^2/NDF : 2495673.4/28

cor_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 198.666 $\pm$ 800.844 χ^2 /NDF: 14.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -228.318 $\pm$ 795.580 χ^2 /NDF: 14.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

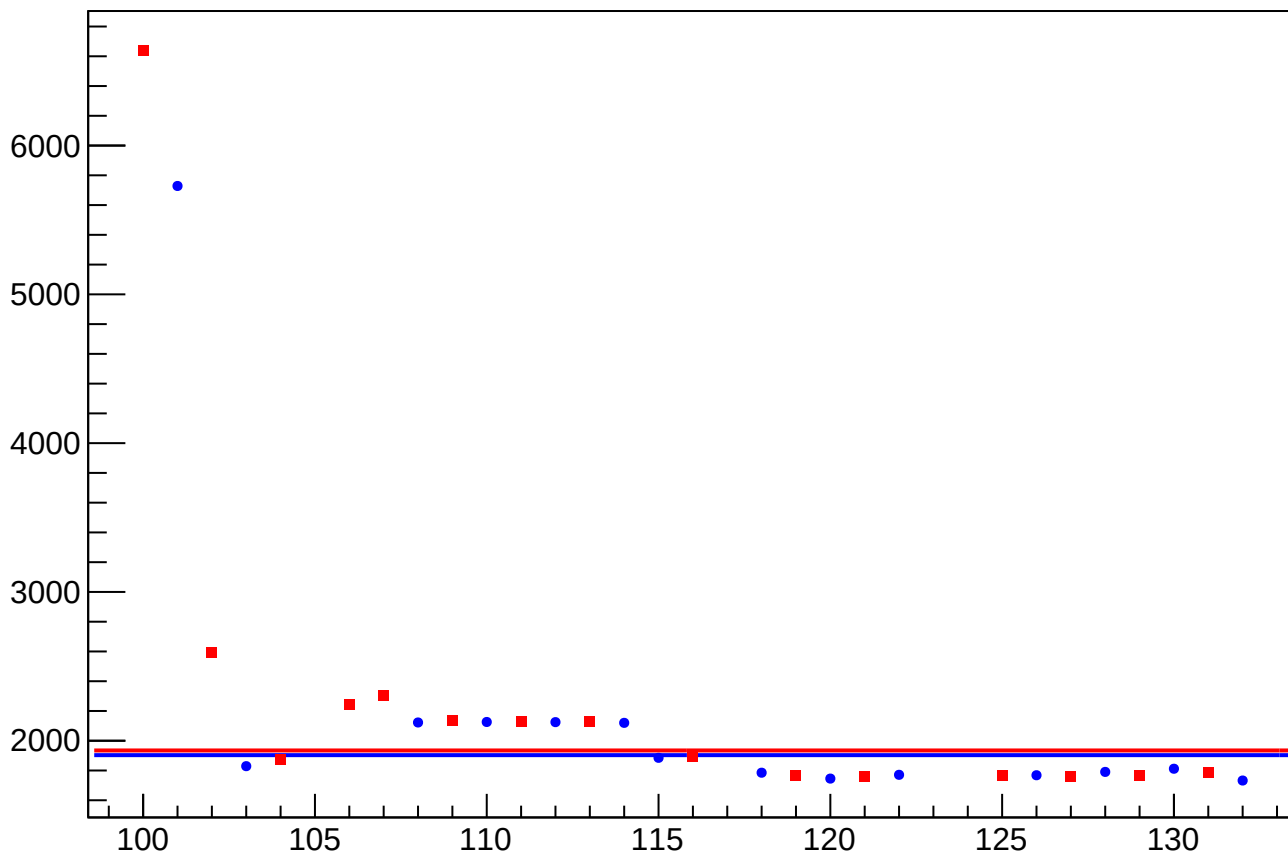
Right: -16.234 $\pm$ 564.412 χ^2 /NDF: 29.3/28

In: 198.666 $\pm$ 800.844 χ^2 /NDF:14.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -16.234 $\pm$ 564.412 χ^2 /NDF: 29.3/28

cor_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1903.159+/-0.566 χ^2/NDF : 651759.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1934.671+/-0.563 χ^2/NDF : 235371.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

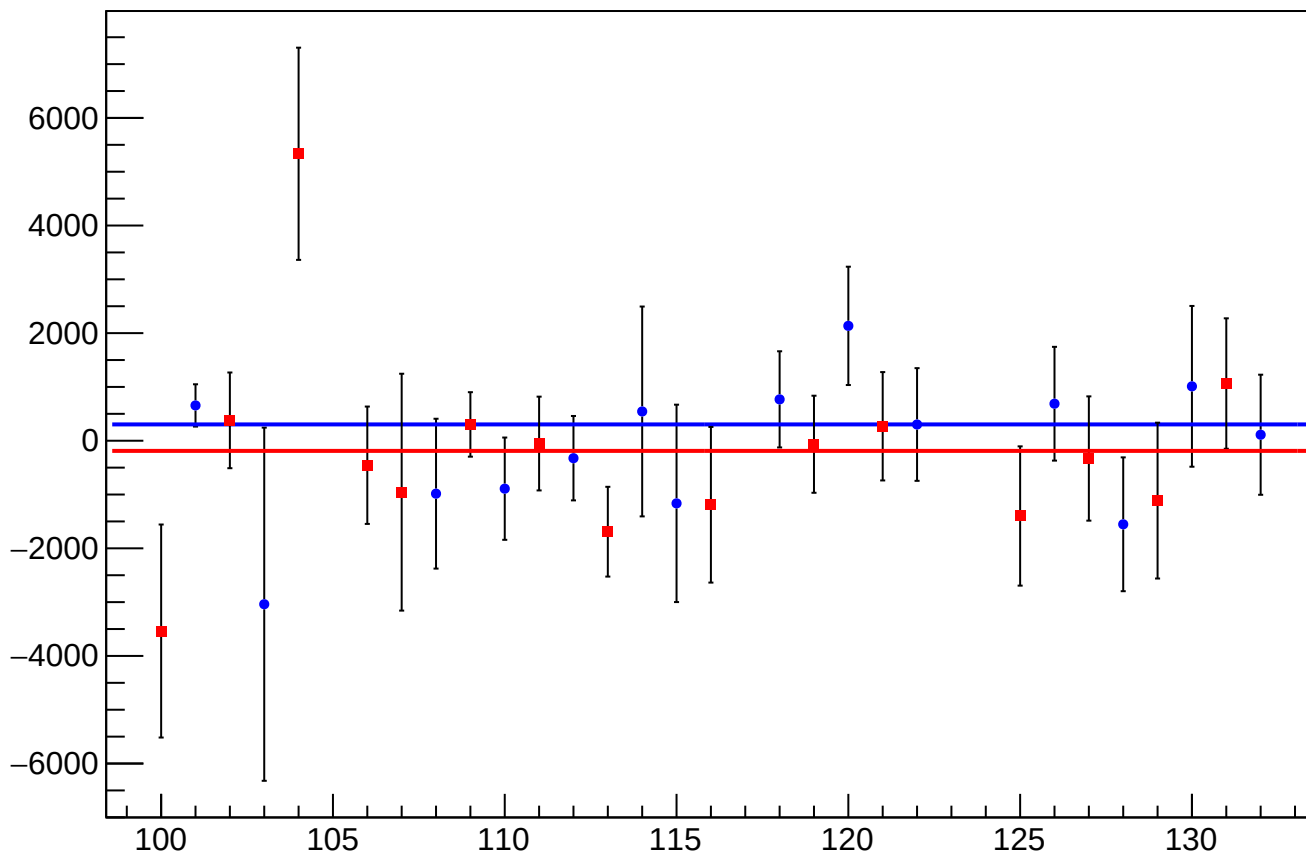
Right: 1919.019+/-0.399 χ^2/NDF : 888689.7/28

In: 1903.159+/-0.566 χ^2/NDF : 651759.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1919.019+/-0.399 χ^2/NDF : 888689.7/28

asym_us_avg_at1lr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 303.232 $\pm$ 248.792 χ^2 /NDF: 11.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -188.883 $\pm$ 271.593 χ^2 /NDF: 18.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

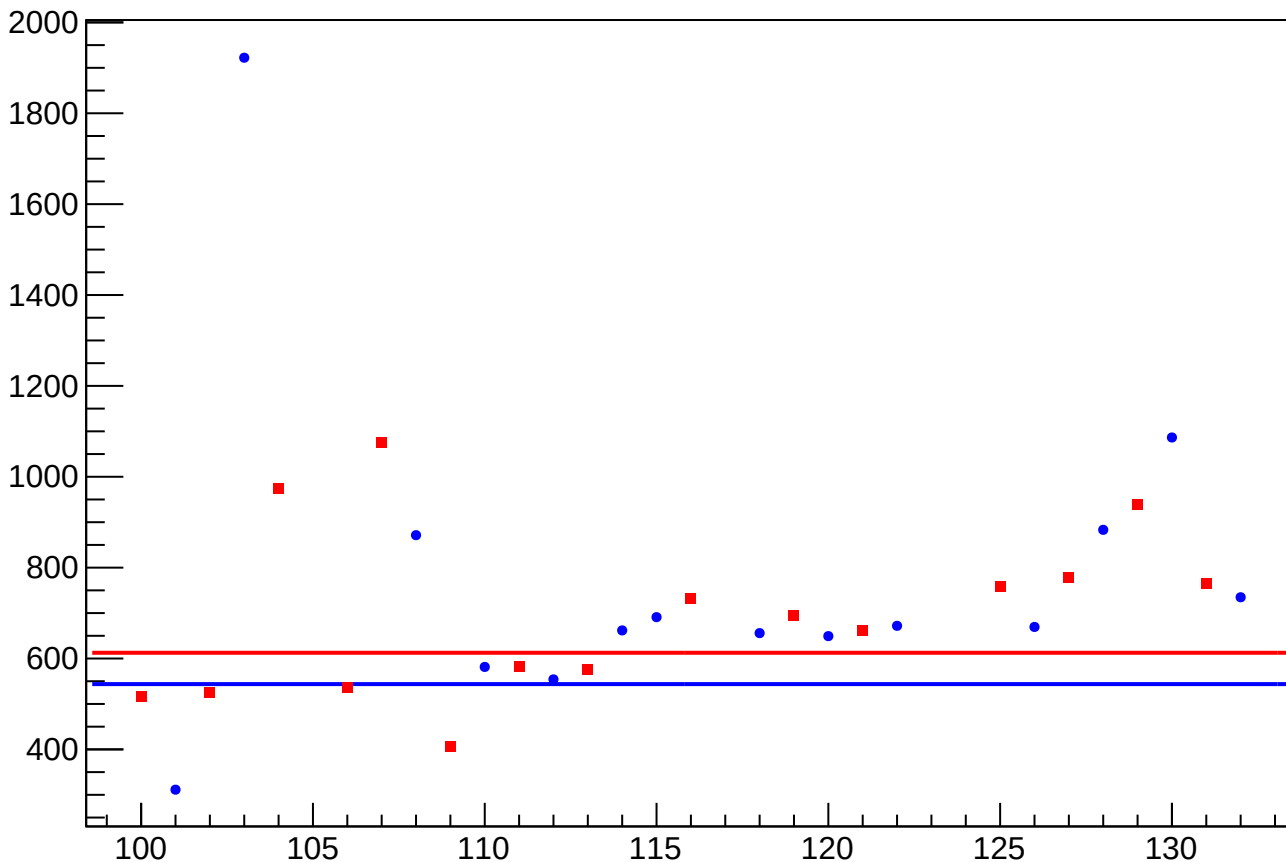
Right: 78.696 $\pm$ 183.455 χ^2 /NDF: 31.3/28

In: 303.232 $\pm$ 248.792 χ^2 /NDF:11.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 78.696 $\pm$ 183.455 χ^2 /NDF: 31.3/28

asym_us_avg_at1lr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 543.679+/-0.176 χ^2/NDF : 1766140.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 612.640+/-0.192 χ^2/NDF : 665270.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

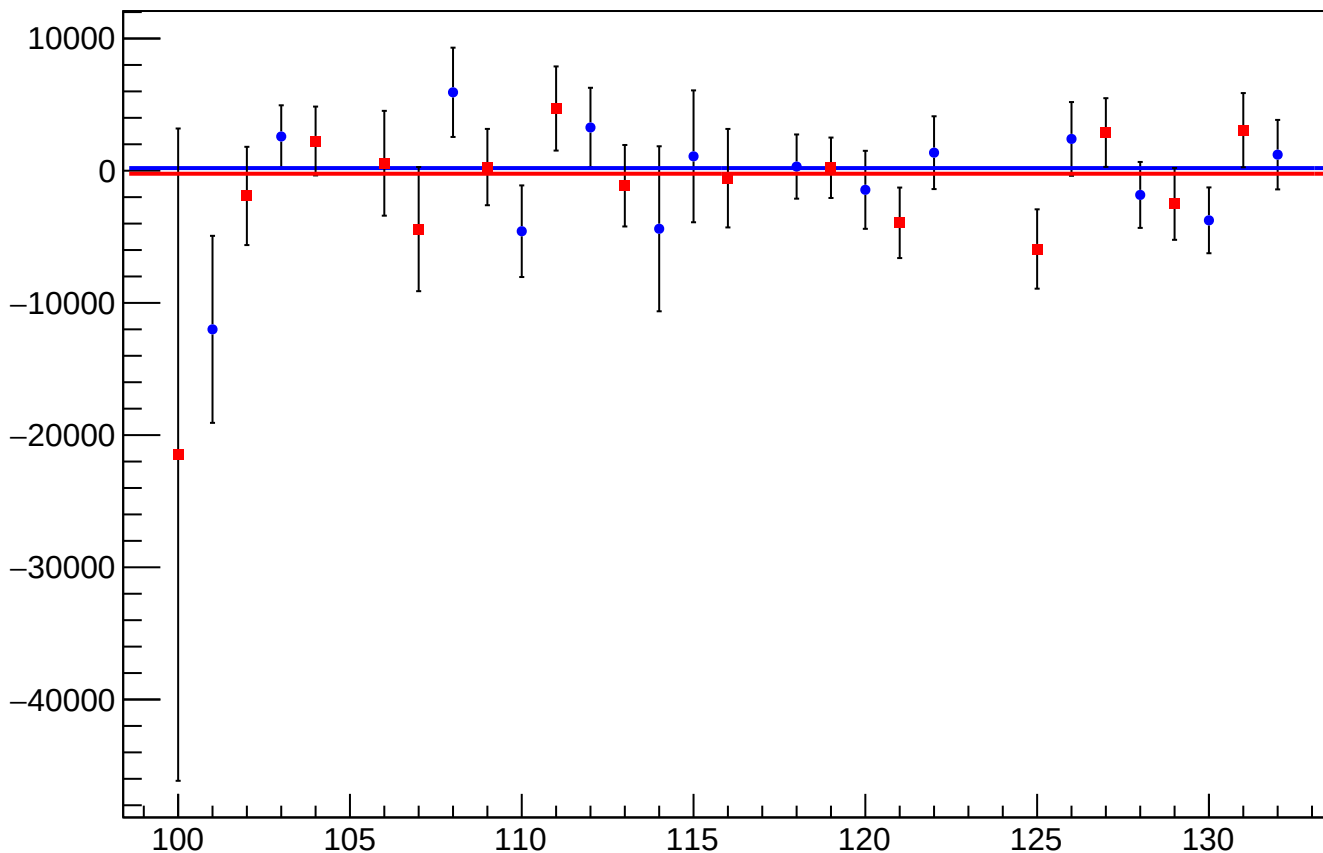
Right: 575.143+/-0.130 χ^2/NDF : 2501520.6/28

In: 543.679+/-0.176 χ^2/NDF : 1766140.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 575.143+/-0.130 χ^2/NDF : 2501520.6/28

eigen_cor_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 198.666 $\pm$ 800.844 χ^2 /NDF: 14.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -228.318 $\pm$ 795.580 χ^2 /NDF: 14.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

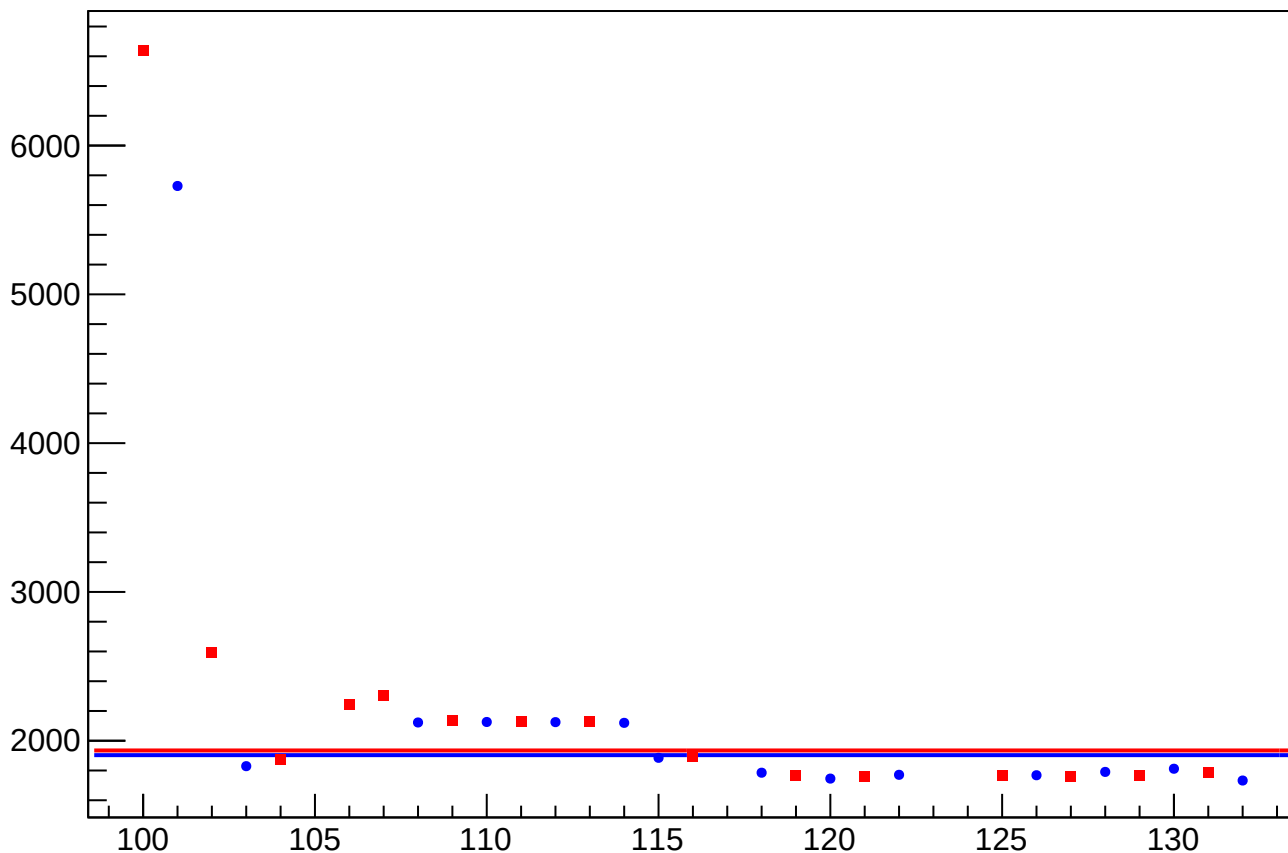
Right: -16.234 $\pm$ 564.412 χ^2 /NDF: 29.3/28

In: 198.666 $\pm$ 800.844 χ^2 /NDF:14.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -16.234 $\pm$ 564.412 χ^2 /NDF: 29.3/28

eigen_cor_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1903.159+/-0.566 χ^2/NDF : 651759.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1934.671+/-0.563 χ^2/NDF : 235371.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

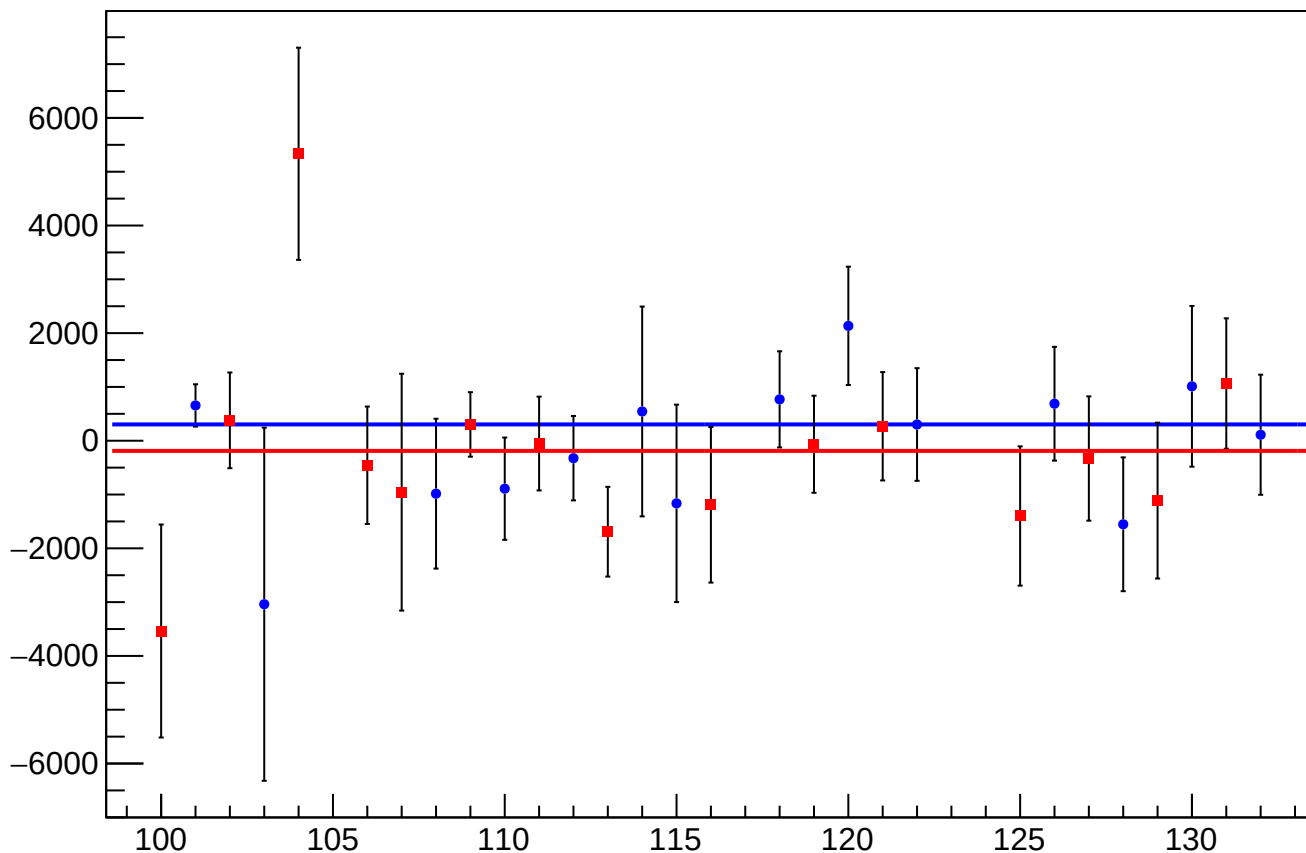
Right: 1919.019+/-0.399 χ^2/NDF : 888689.7/28

In: 1903.159+/-0.566 χ^2/NDF : 651759.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1919.019+/-0.399 χ^2/NDF : 888689.7/28

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 303.232 $\pm$ 248.792 χ^2 /NDF: 11.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -188.883 $\pm$ 271.593 χ^2 /NDF: 18.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

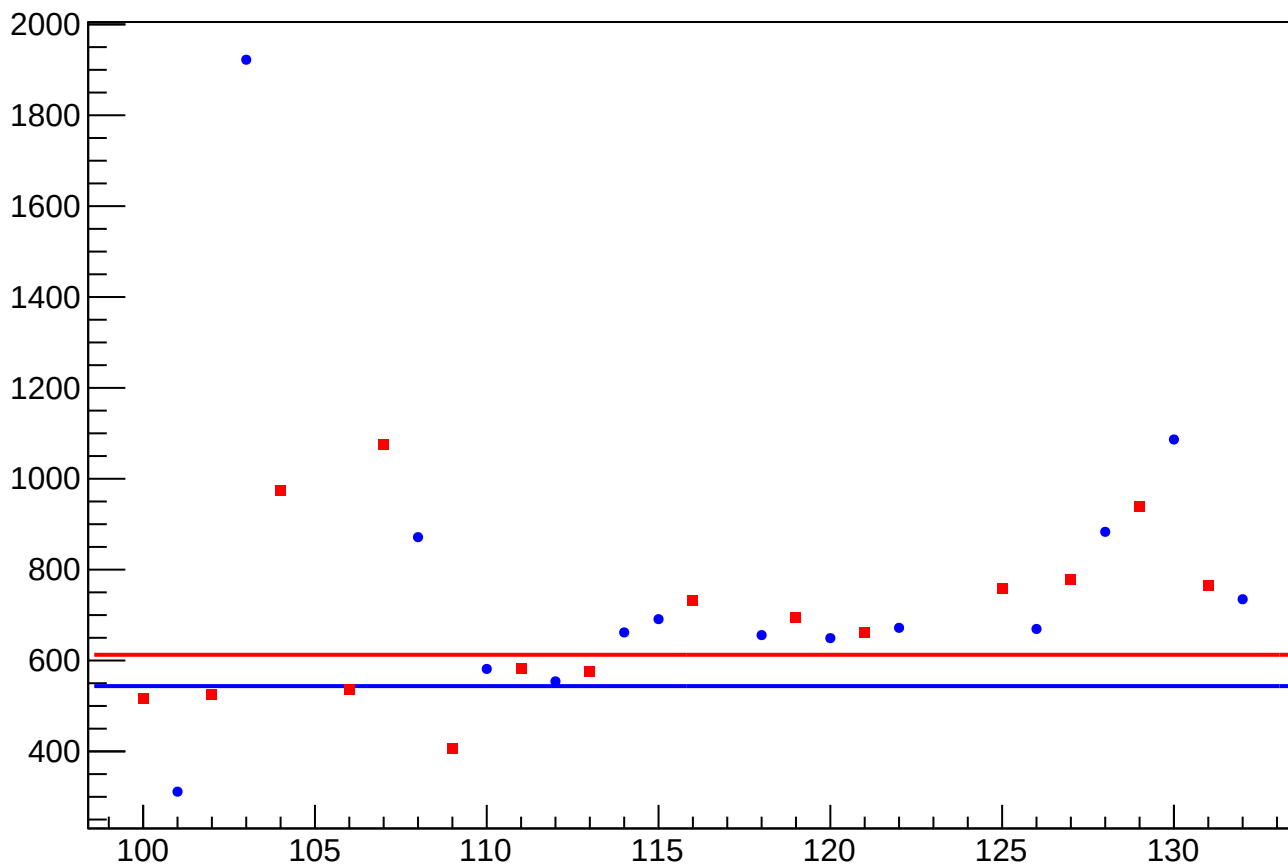
Right: 78.696 $\pm$ 183.455 χ^2 /NDF: 31.3/28

In: 303.232 $\pm$ 248.792 χ^2 /NDF:11.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 78.696 $\pm$ 183.455 χ^2 /NDF: 31.3/28

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 543.679+/-0.176 χ^2/NDF : 1766140.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 612.640+/-0.192 χ^2/NDF : 665270.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

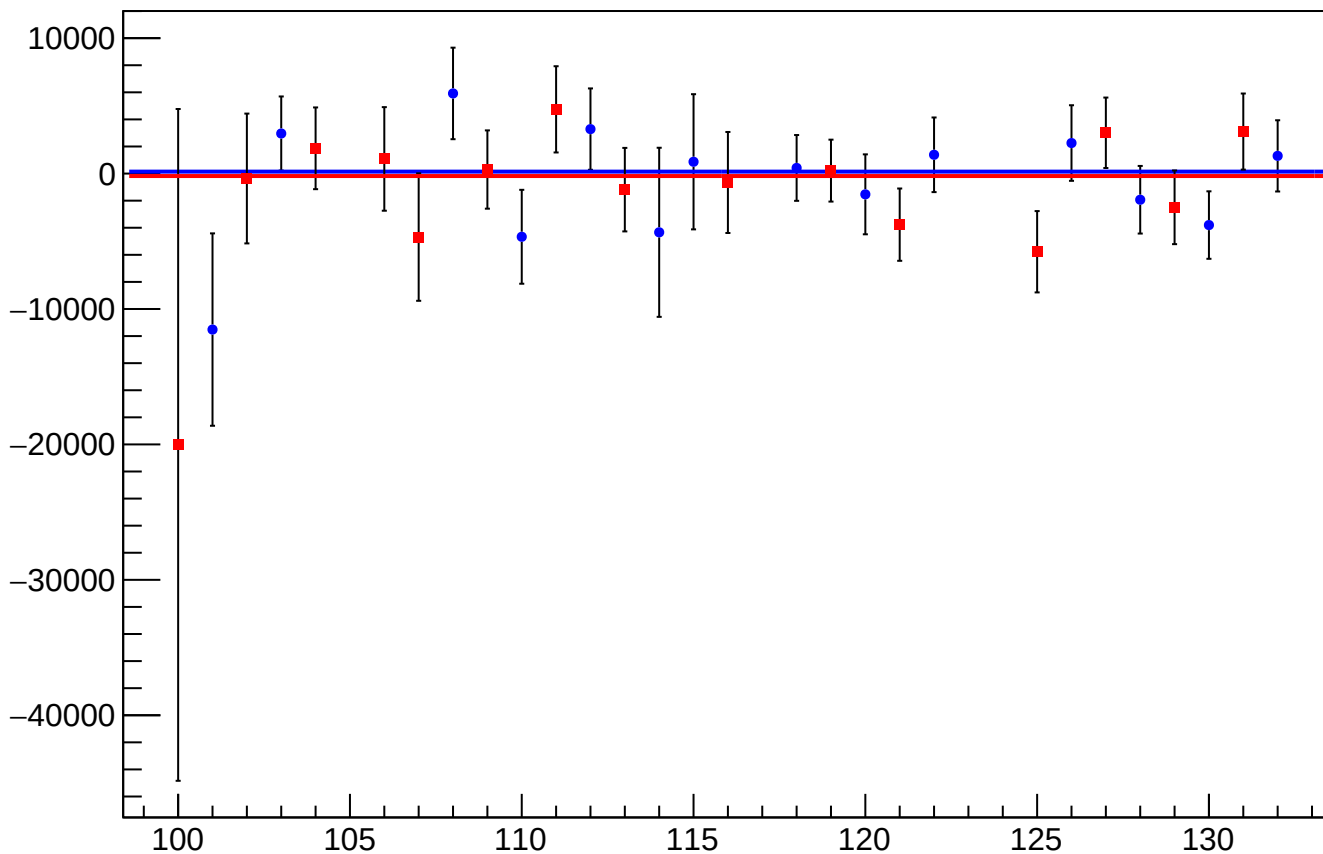
Right: 575.143+/-0.130 χ^2/NDF : 2501520.6/28

In: 543.679+/-0.176 χ^2/NDF : 1766140.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 575.143+/-0.130 χ^2/NDF : 2501520.6/28

dit_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 144.289+/-813.458 χ^2/NDF : 14.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -181.975+/-812.159 χ^2/NDF : 13.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

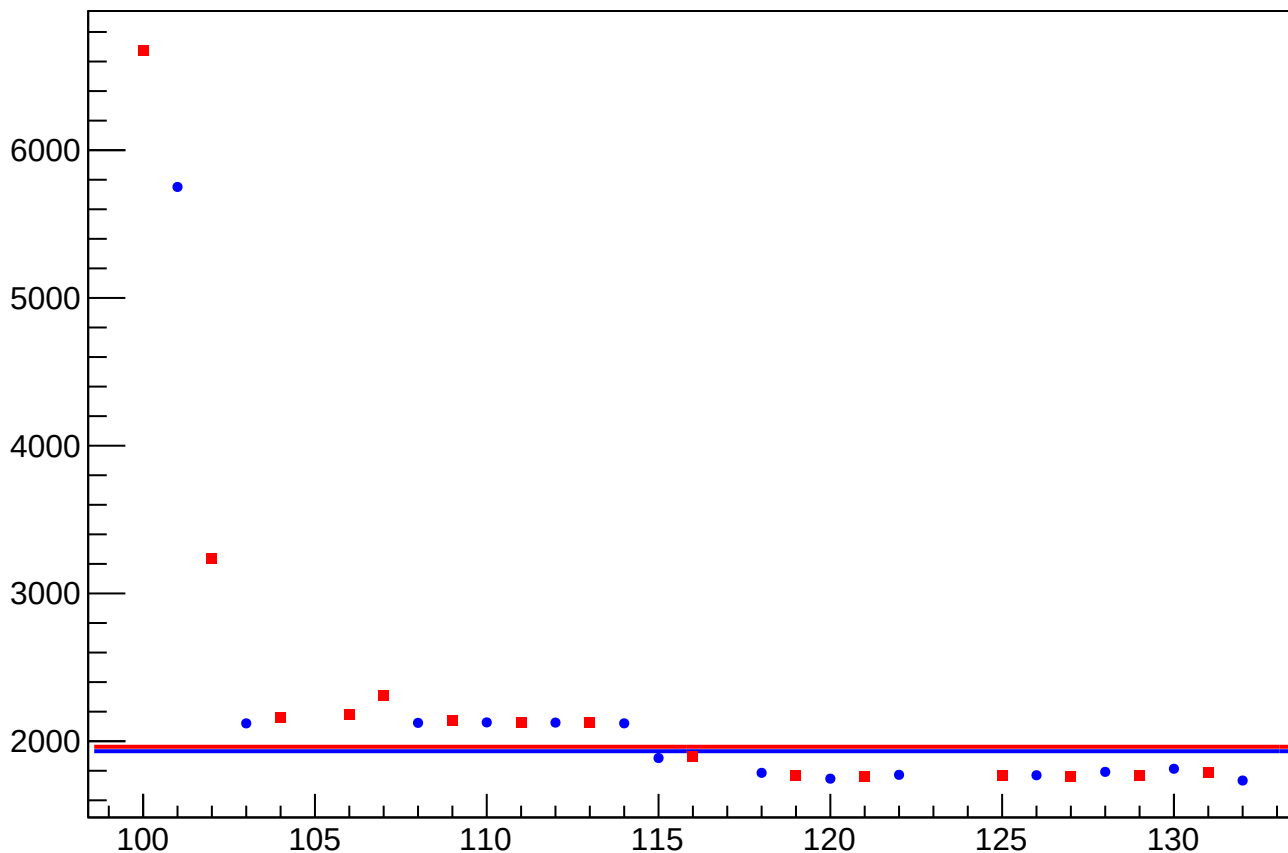
Right: -19.104+/-574.742 χ^2/NDF : 28.4/28

In: 144.289+/-813.458 χ^2/NDF :14.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -19.104+/-574.742 χ^2/NDF : 28.4/28

dit_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1932.304+/-0.575 χ^2/NDF : 661593.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1962.475+/-0.574 χ^2/NDF : 324103.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

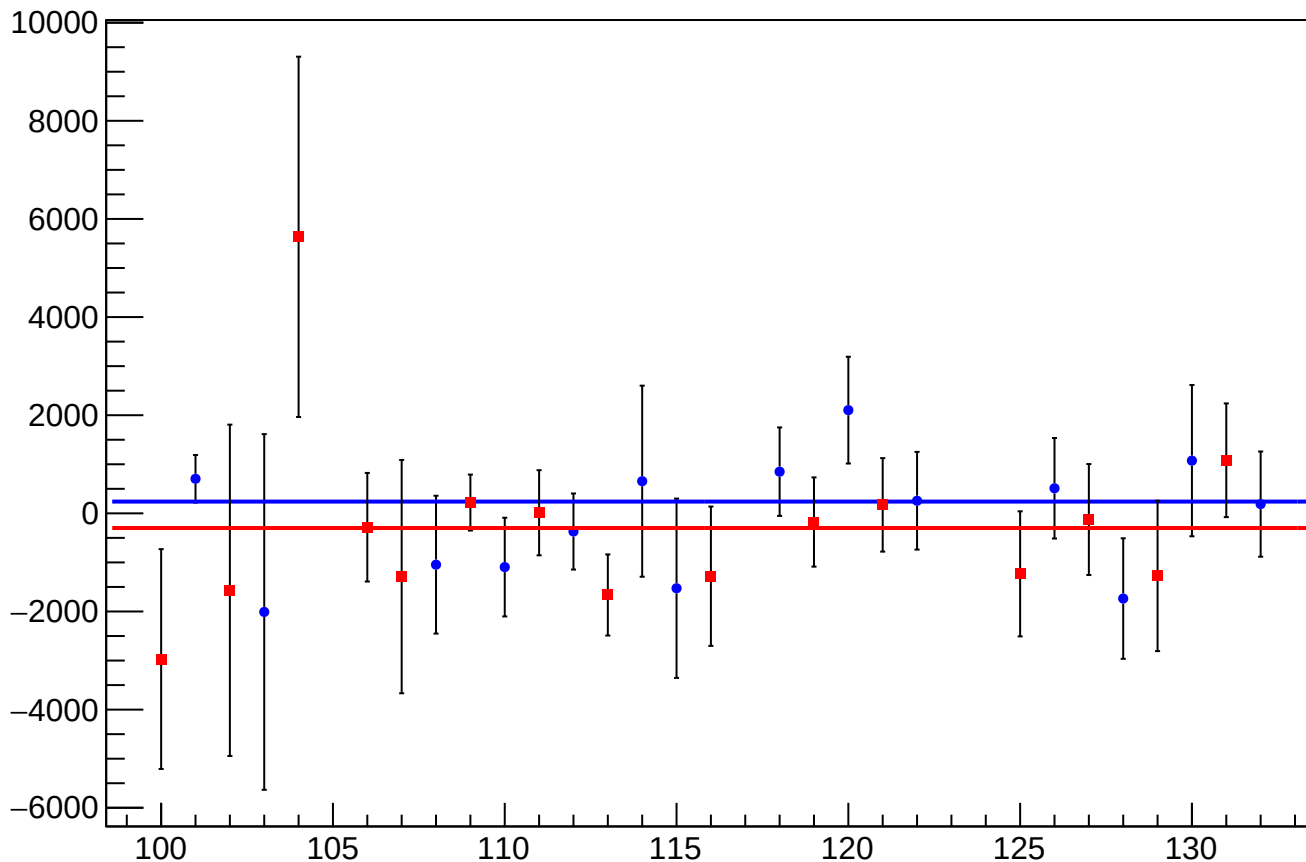
Right: 1947.413+/-0.406 χ^2/NDF : 987074.9/28

In: 1932.304+/-0.575 χ^2/NDF : 661593.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1947.413+/-0.406 χ^2/NDF : 987074.9/28

asym_us_avg_at1lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 239.811 $\pm$ 266.733 χ^2 /NDF: 11.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -298.982 $\pm$ 281.722 χ^2 /NDF: 11.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

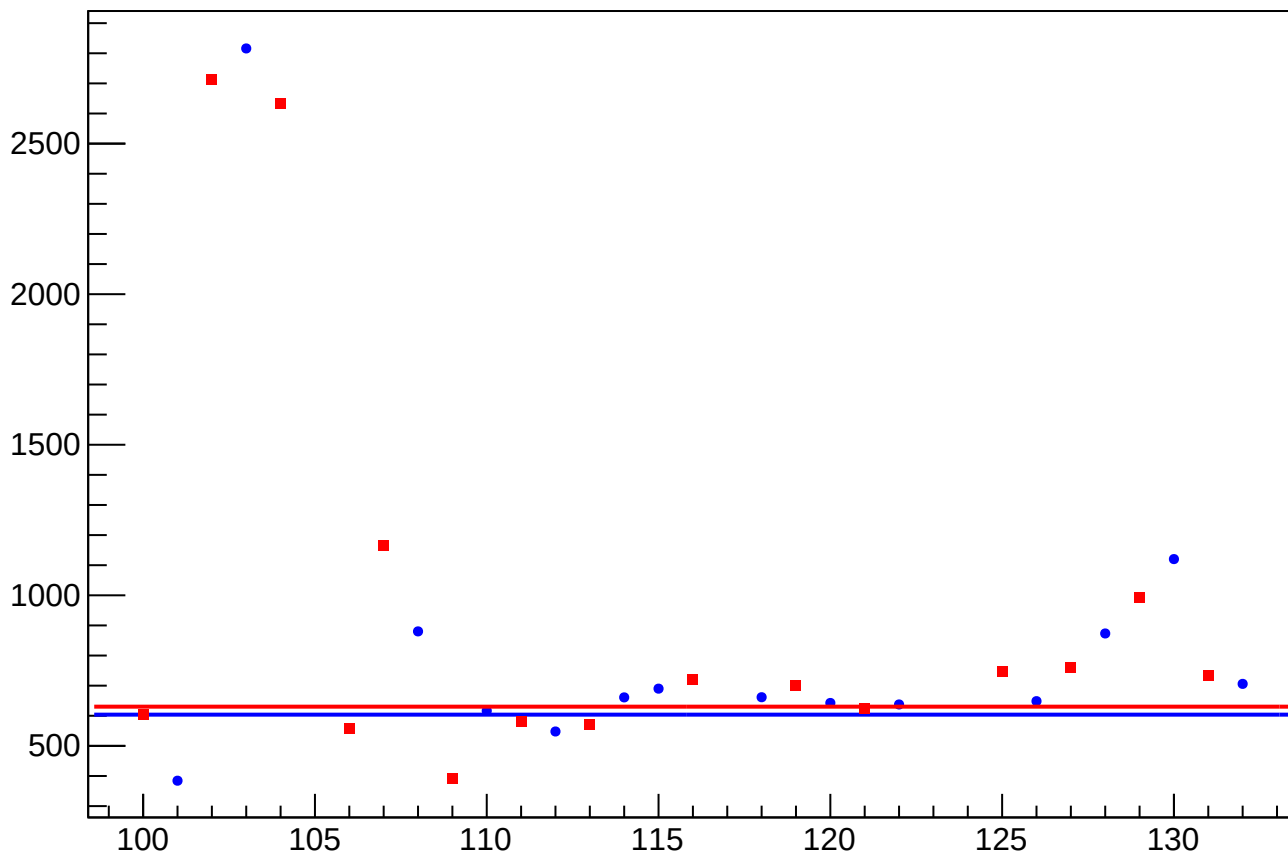
Right: -14.871 $\pm$ 193.691 χ^2 /NDF: 24.9/28

In: 239.811 $\pm$ 266.733 χ^2 /NDF:11.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -14.871 $\pm$ 193.691 χ^2 /NDF: 24.9/28

asym_us_avg_at1lr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 603.703 $\pm$ 0.189 χ^2/NDF : 1606089.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Right Out: 630.241 $\pm$ 0.199 χ^2/NDF : 2027717.9/14

Left In: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

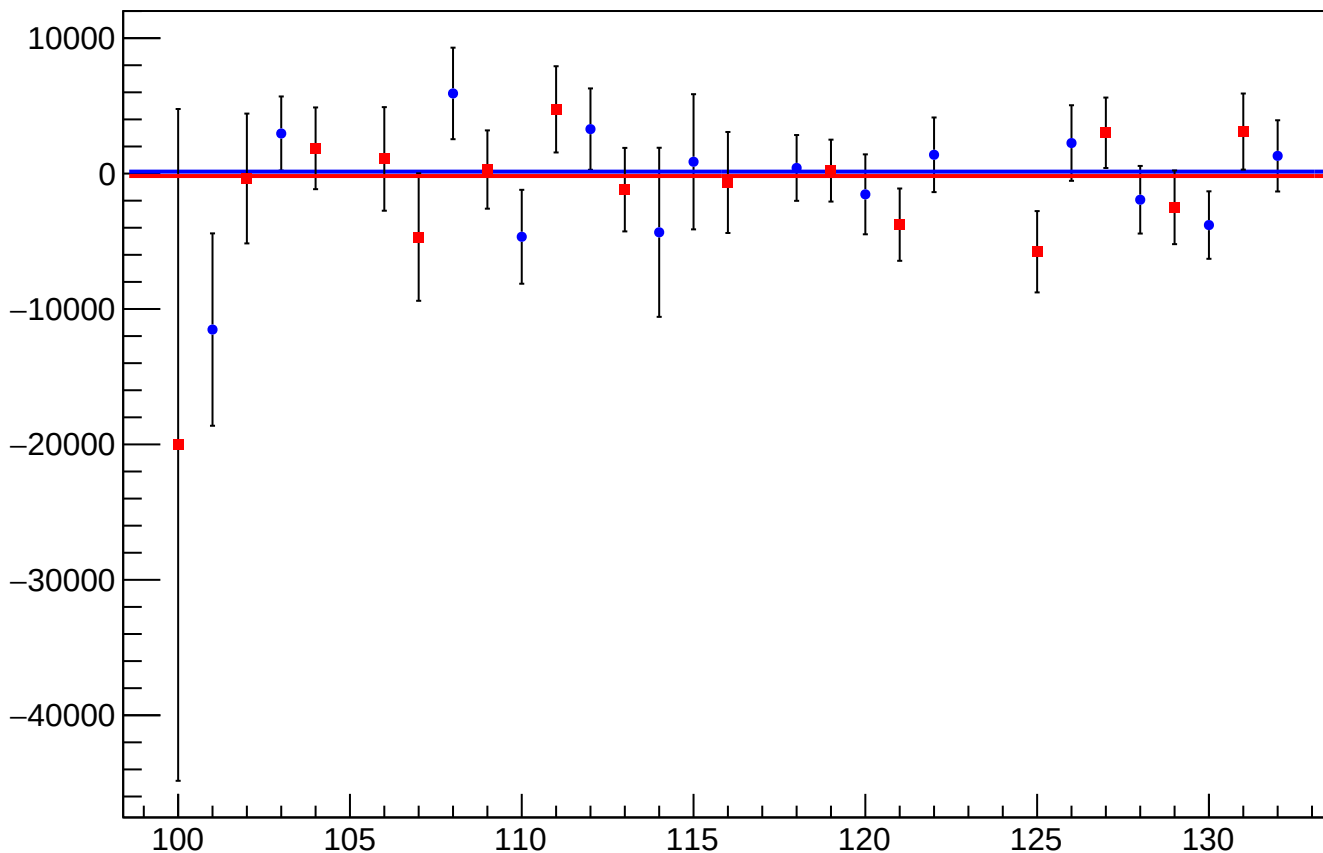
Right: 616.247 $\pm$ 0.137 χ^2/NDF : 3643165.6/28

In: 603.703 $\pm$ 0.189 χ^2/NDF :1606089.6/13

Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

All: 616.247 $\pm$ 0.137 χ^2/NDF : 3643165.6/28

eigen_dit_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 144.291+/-813.458 χ^2/NDF : 14.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -181.973+/-812.159 χ^2/NDF : 13.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

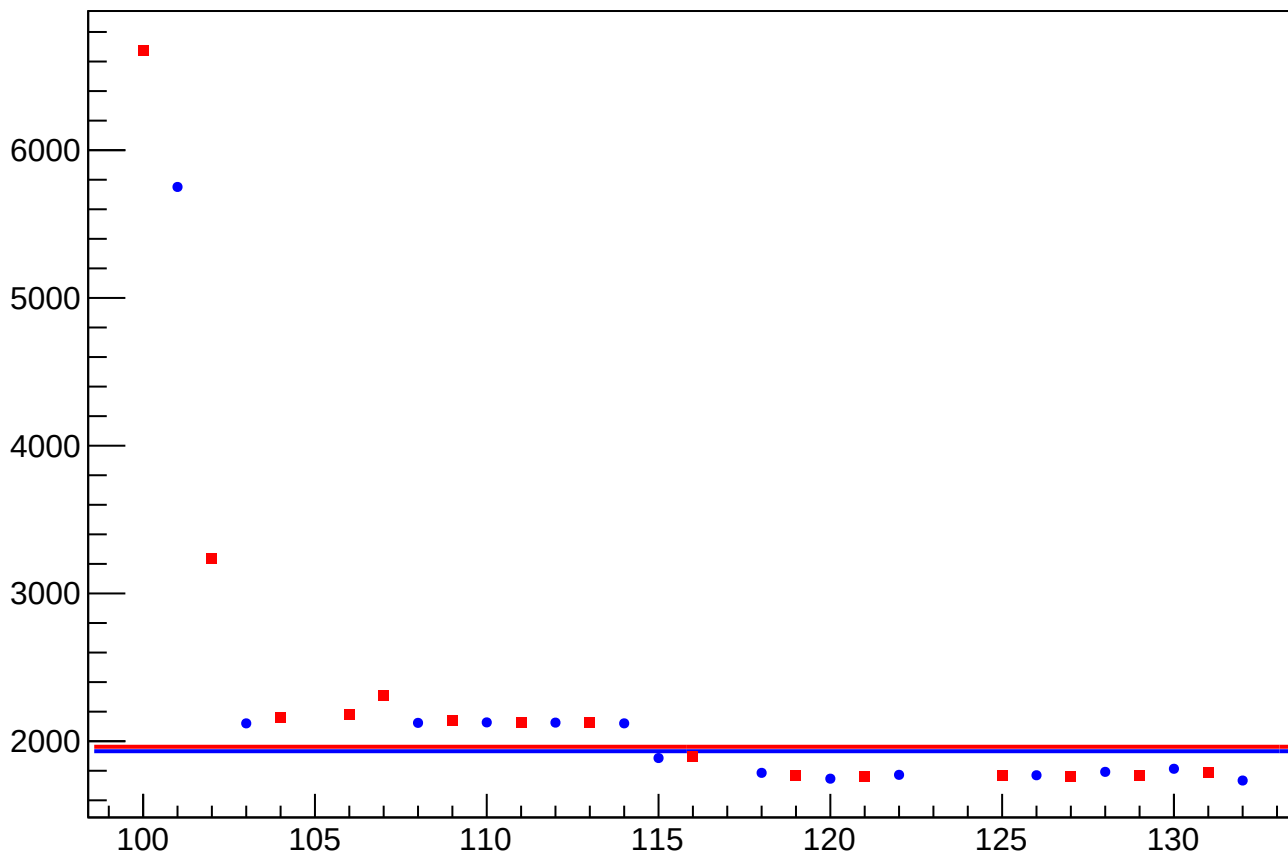
Right: -19.102+/-574.742 χ^2/NDF : 28.4/28

In: 144.291+/-813.458 χ^2/NDF : 14.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.102+/-574.742 χ^2/NDF : 28.4/28

eigen_dit_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1932.304+/-0.575 χ^2/NDF : 661593.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1962.474+/-0.574 χ^2/NDF : 324102.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

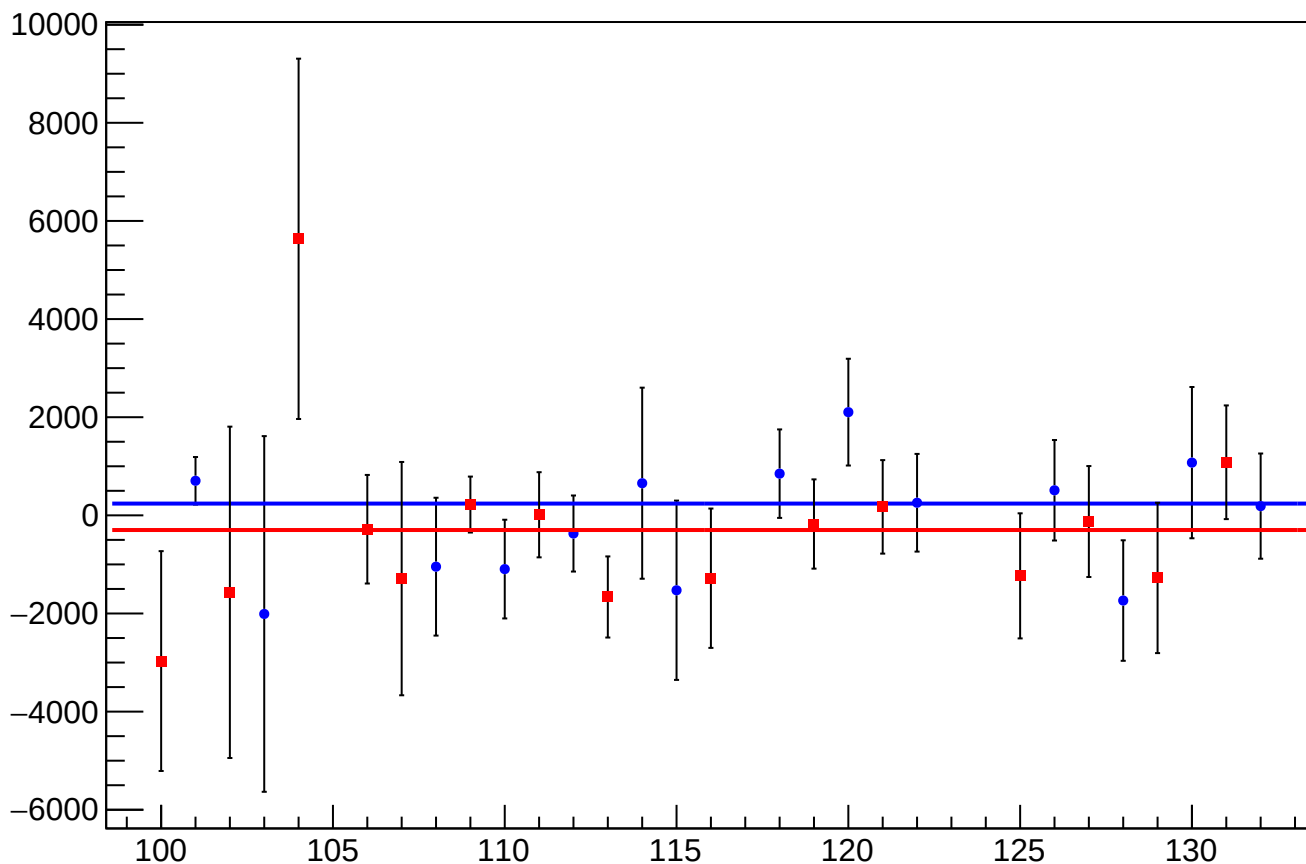
Right: 1947.413+/-0.406 χ^2/NDF : 987074.0/28

In: 1932.304+/-0.575 χ^2/NDF : 661593.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1947.413+/-0.406 χ^2/NDF : 987074.0/28

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 239.809+/-266.732 χ^2/NDF : 11.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -298.978+/-281.721 χ^2/NDF : 11.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

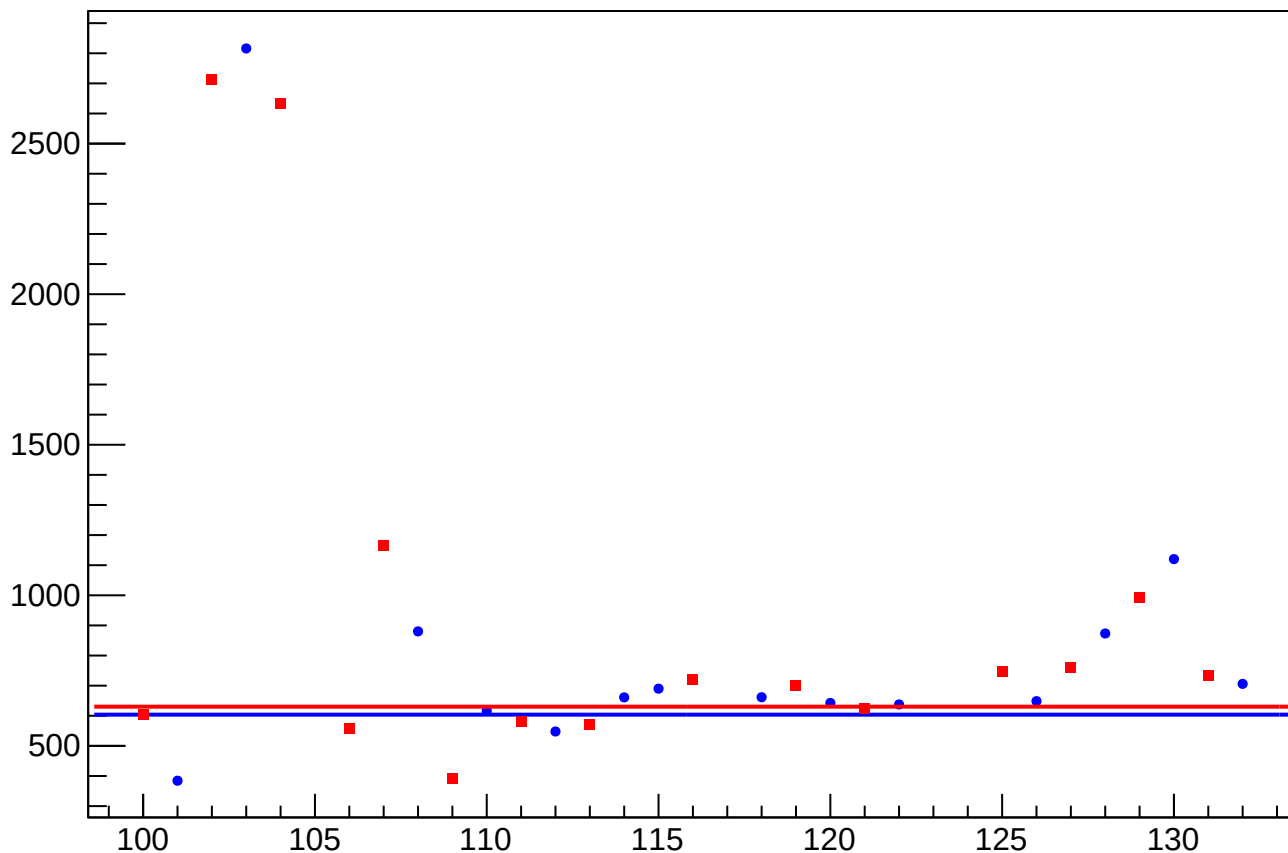
Right: -14.871+/-193.690 χ^2/NDF : 24.9/28

In: 239.809+/-266.732 χ^2/NDF : 11.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.871+/-193.690 χ^2/NDF : 24.9/28

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 603.701+/-0.189 χ^2/NDF : 1606076.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 630.236+/-0.199 χ^2/NDF : 2027735.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

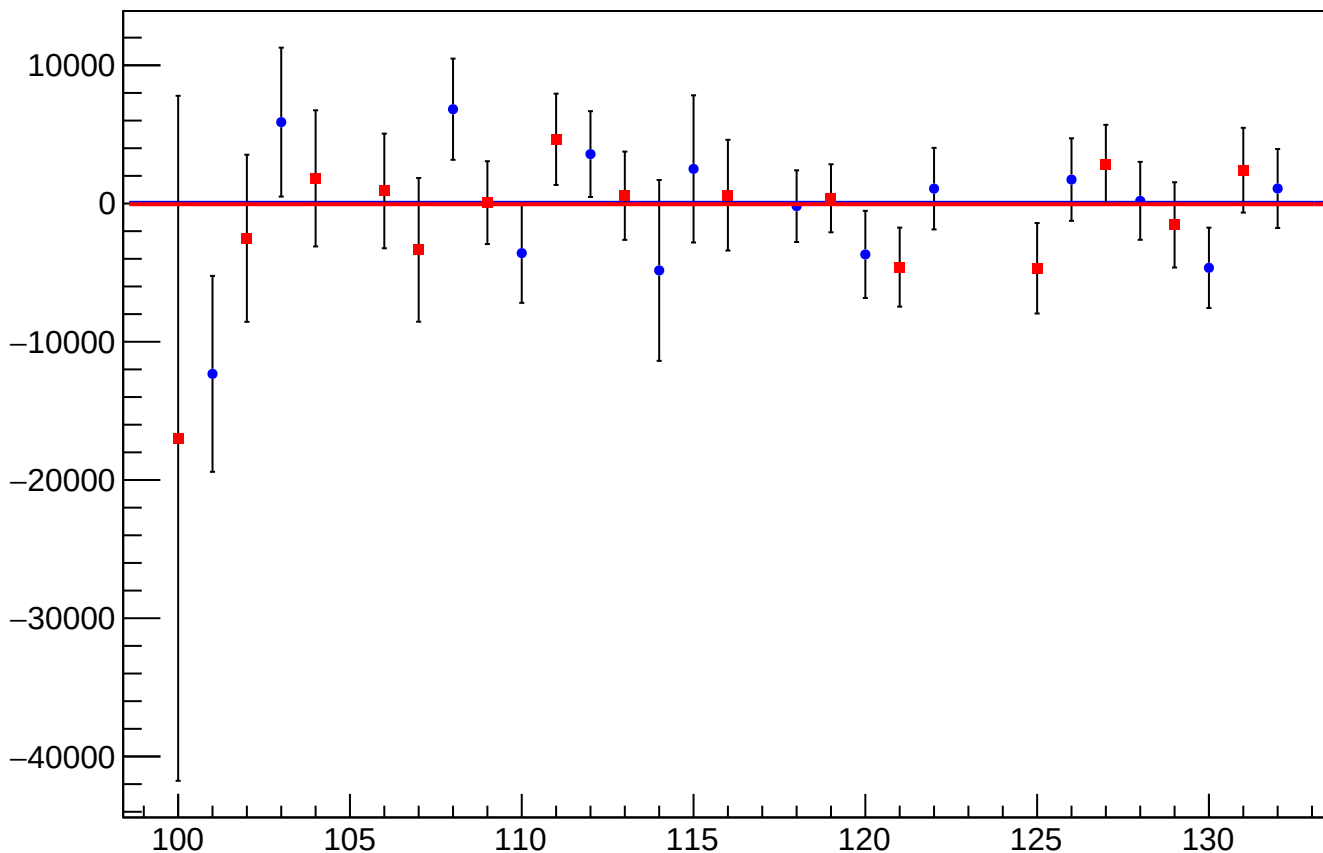
Right: 616.244+/-0.137 χ^2/NDF : 3643168.5/28

In: 603.701+/-0.189 χ^2/NDF :1606076.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 616.244+/-0.137 χ^2/NDF : 3643168.5/28

asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 50.506+/-908.262 χ^2/NDF : 15.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -50.242+/-896.623 χ^2/NDF : 9.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

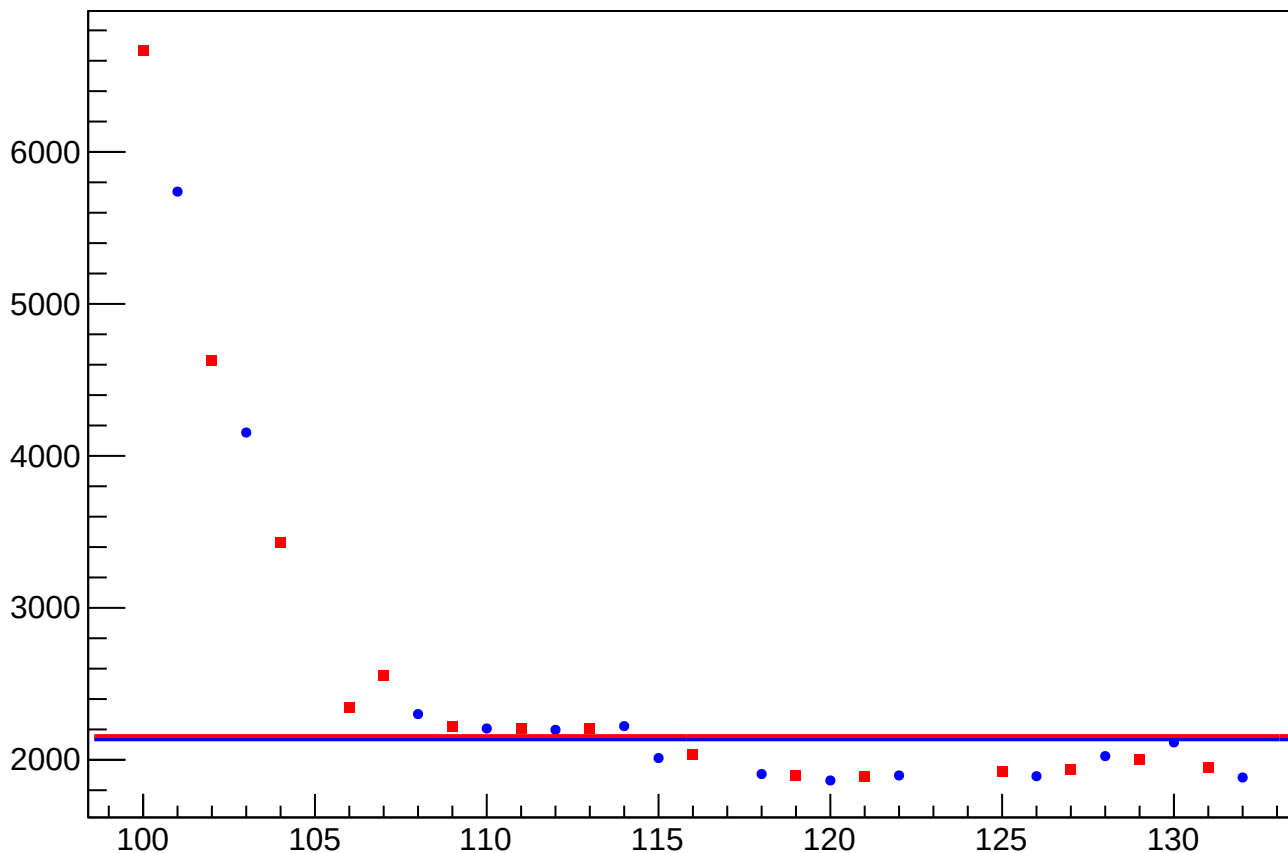
Right: -0.518+/-638.084 χ^2/NDF : 25.1/28

In: 50.506+/-908.262 χ^2/NDF : 15.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.518+/-638.084 χ^2/NDF : 25.1/28

asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2135.347+/-0.642 χ^2/NDF : 880287.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2155.809+/-0.634 χ^2/NDF : 629355.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

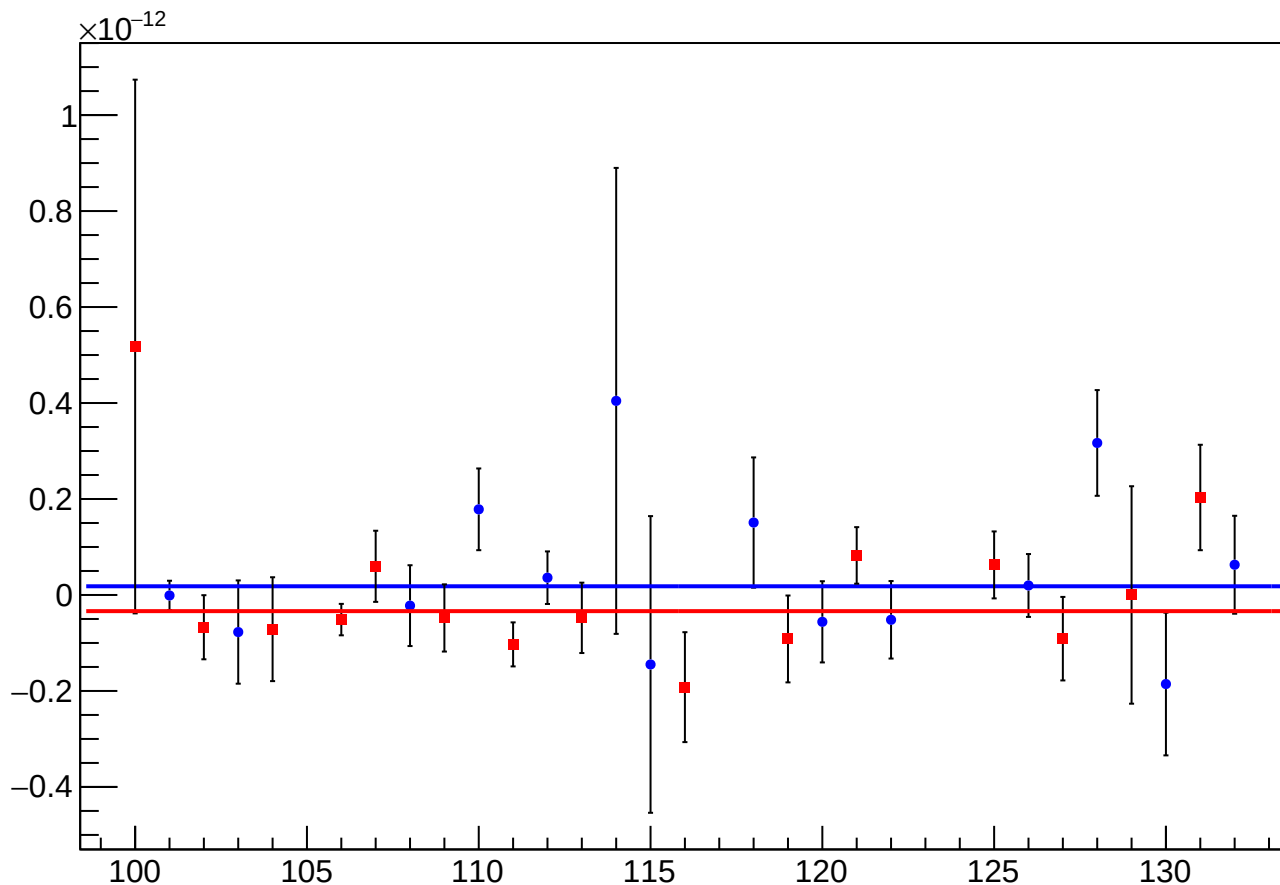
Right: 2145.710+/-0.451 χ^2/NDF : 1510157.7/28

In: 2135.347+/-0.642 χ^2/NDF : 880287.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2145.710+/-0.451 χ^2/NDF : 1510157.7/28

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 17.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

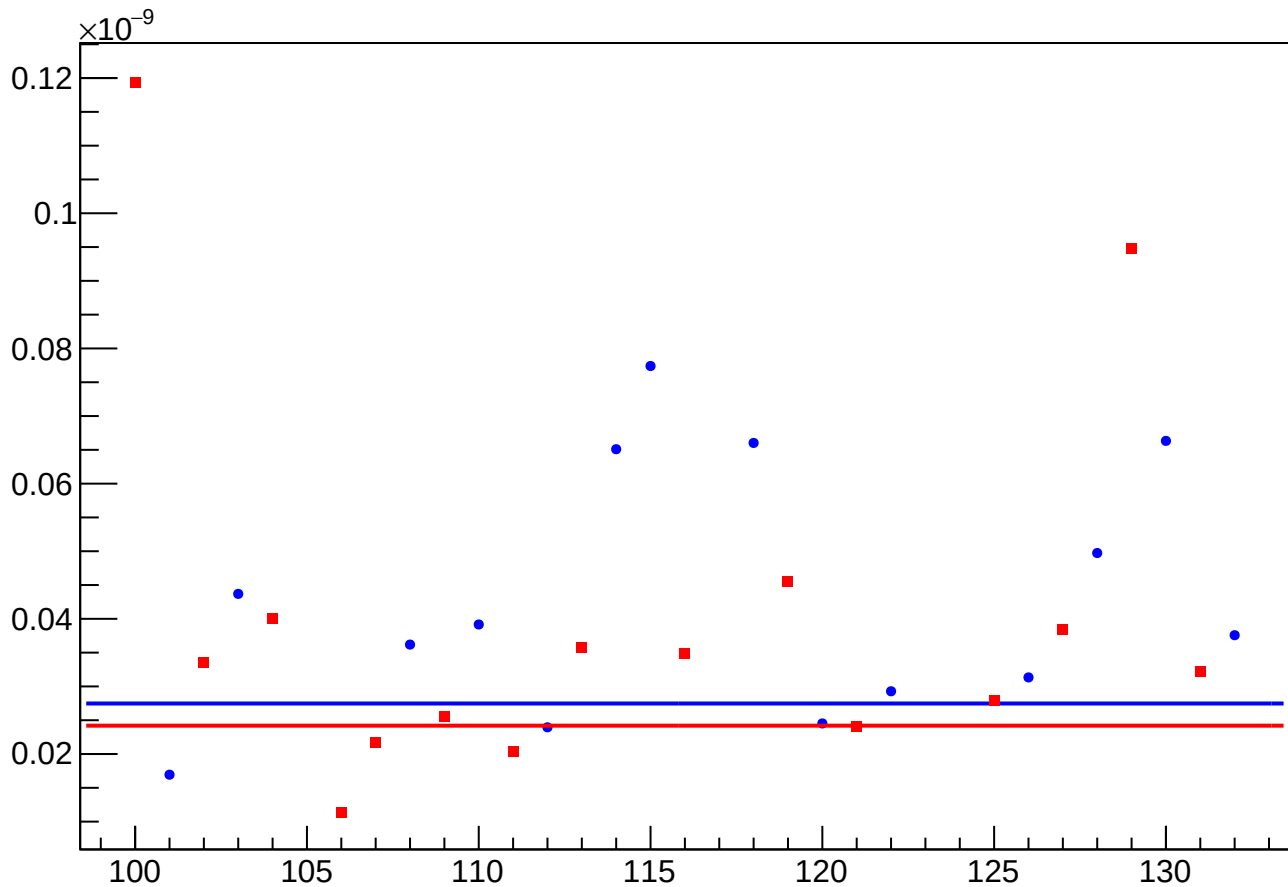
Right: -0.000+/-0.000 χ^2/NDF : 40.5/28

In: 0.000+/-0.000 χ^2/NDF : 17.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 40.5/28

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 821968.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 908087.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

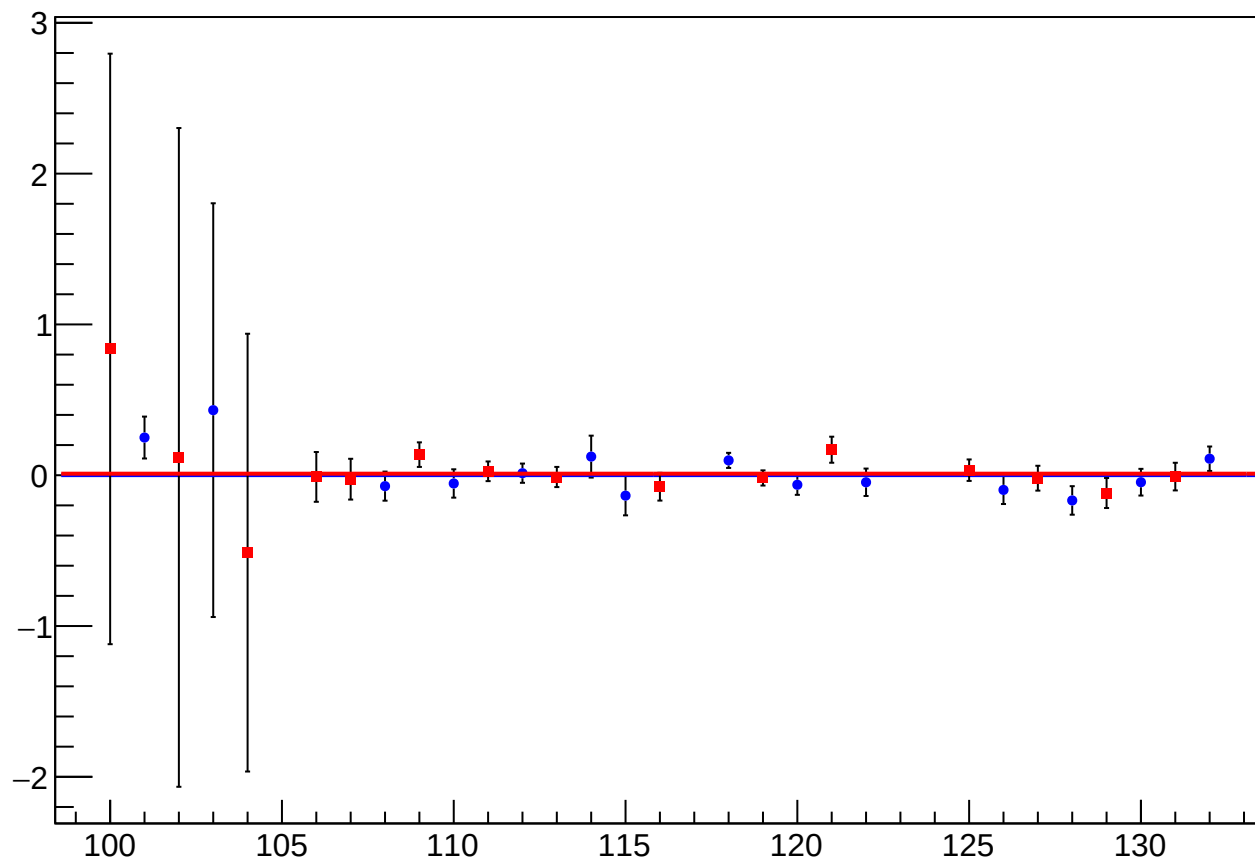
Right: 0.000+/-0.000 χ^2/NDF : 1760862.5/28

In: 0.000+/-0.000 χ^2/NDF : 821968.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1760862.5/28

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.023 χ^2/NDF : 17.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.023 χ^2/NDF : 9.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

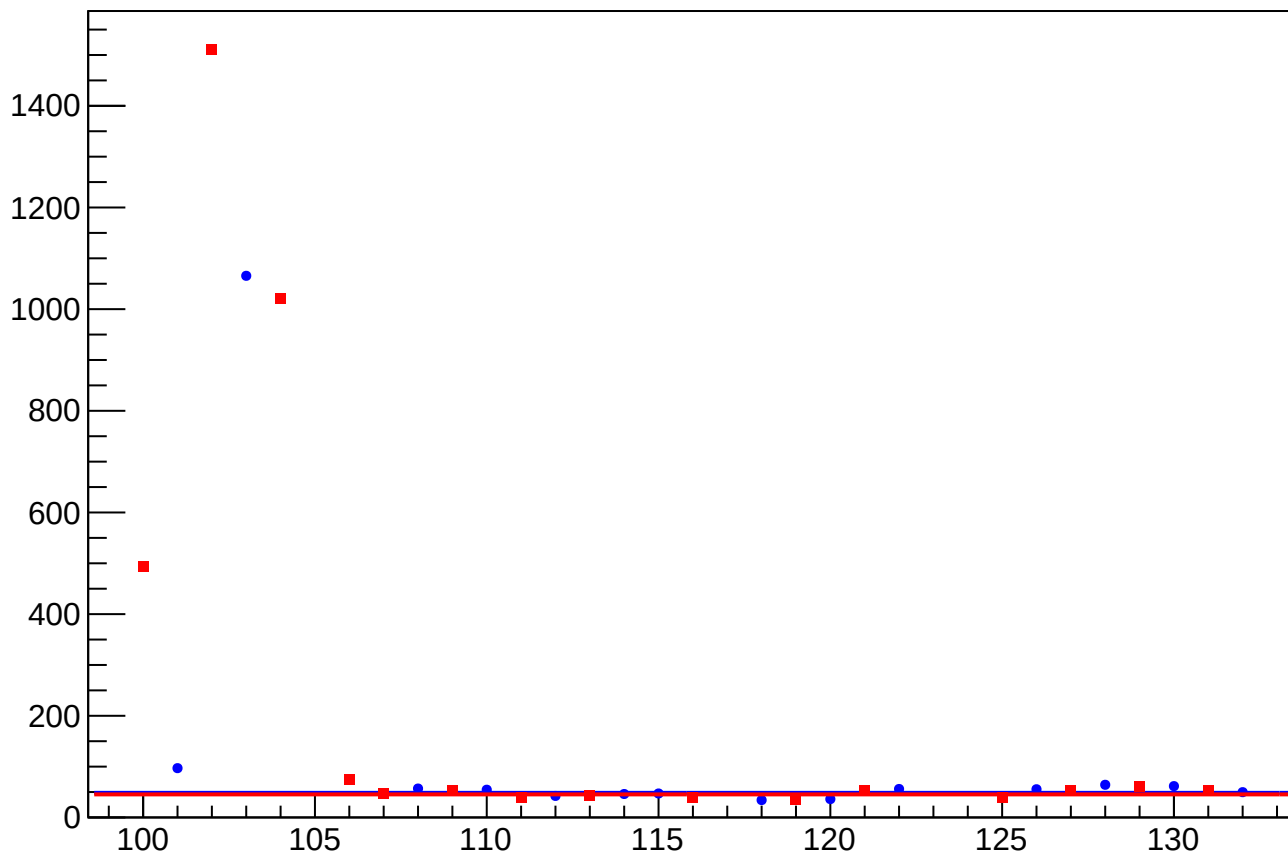
Right: 0.005+/-0.016 χ^2/NDF : 27.1/28

In: 0.001+/-0.023 χ^2/NDF : 17.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.016 χ^2/NDF : 27.1/28

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.396+/-0.016 χ^2/NDF : 1741868.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.381+/-0.016 χ^2/NDF : 2203600.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

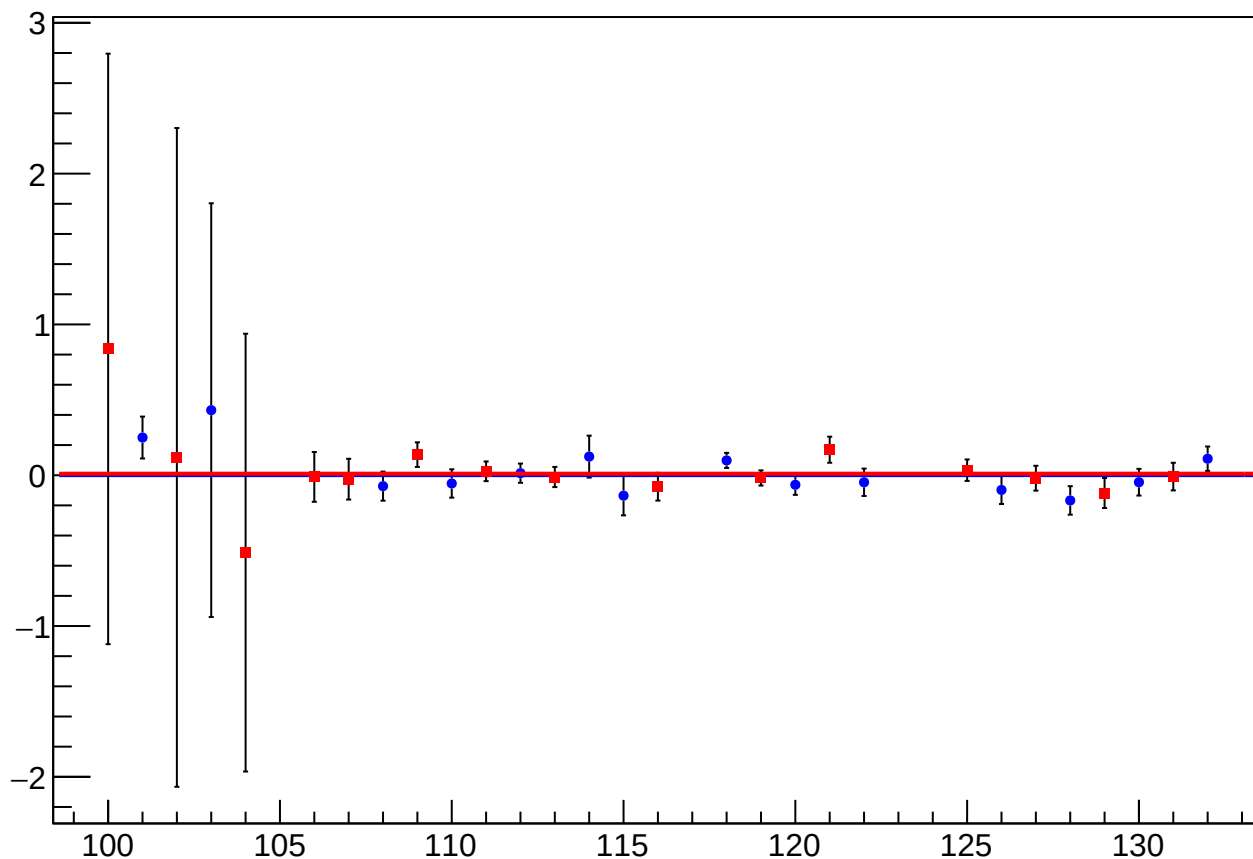
Right: 46.875+/-0.011 χ^2/NDF : 3962715.5/28

In: 48.396+/-0.016 χ^2/NDF : 1741868.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.875+/-0.011 χ^2/NDF : 3962715.5/28

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.023 χ^2/NDF : 17.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.023 χ^2/NDF : 9.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

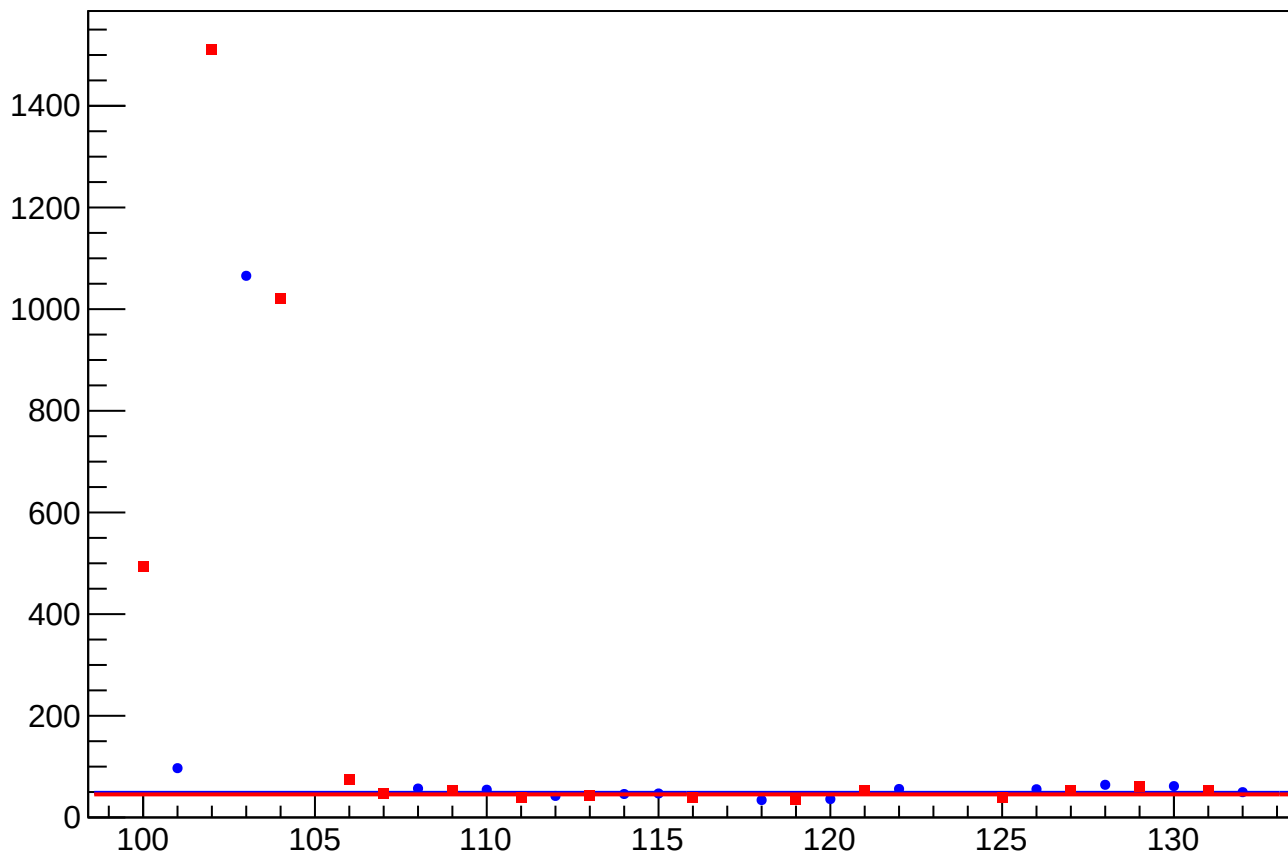
Right: 0.005+/-0.016 χ^2/NDF : 27.1/28

In: 0.001+/-0.023 χ^2/NDF : 17.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.016 χ^2/NDF : 27.1/28

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.396+/-0.016 χ^2/NDF : 1741868.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.381+/-0.016 χ^2/NDF : 2203600.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

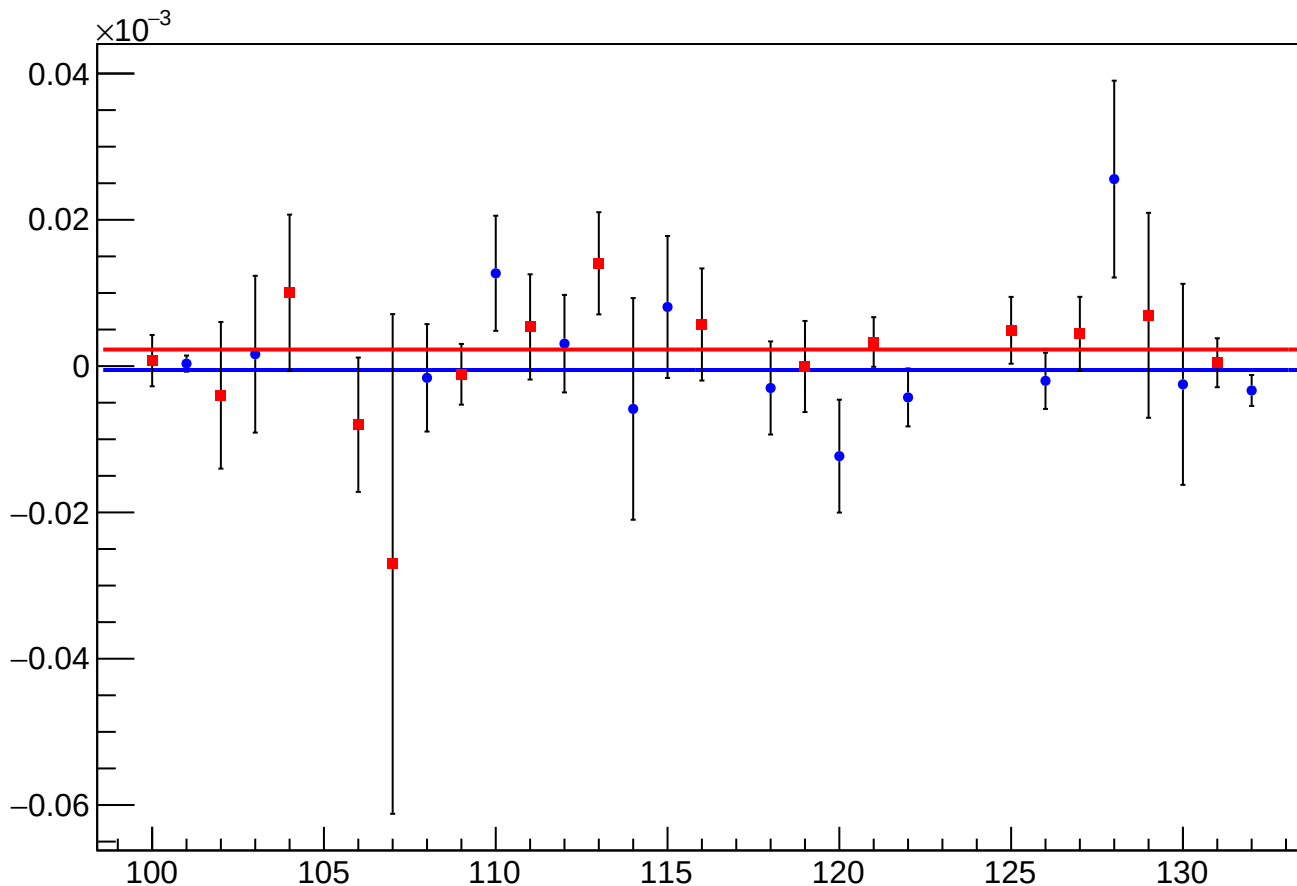
Right: 46.875+/-0.011 χ^2/NDF : 3962715.5/28

In: 48.396+/-0.016 χ^2/NDF : 1741868.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.875+/-0.011 χ^2/NDF : 3962715.5/28

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 13.8/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 8.1/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

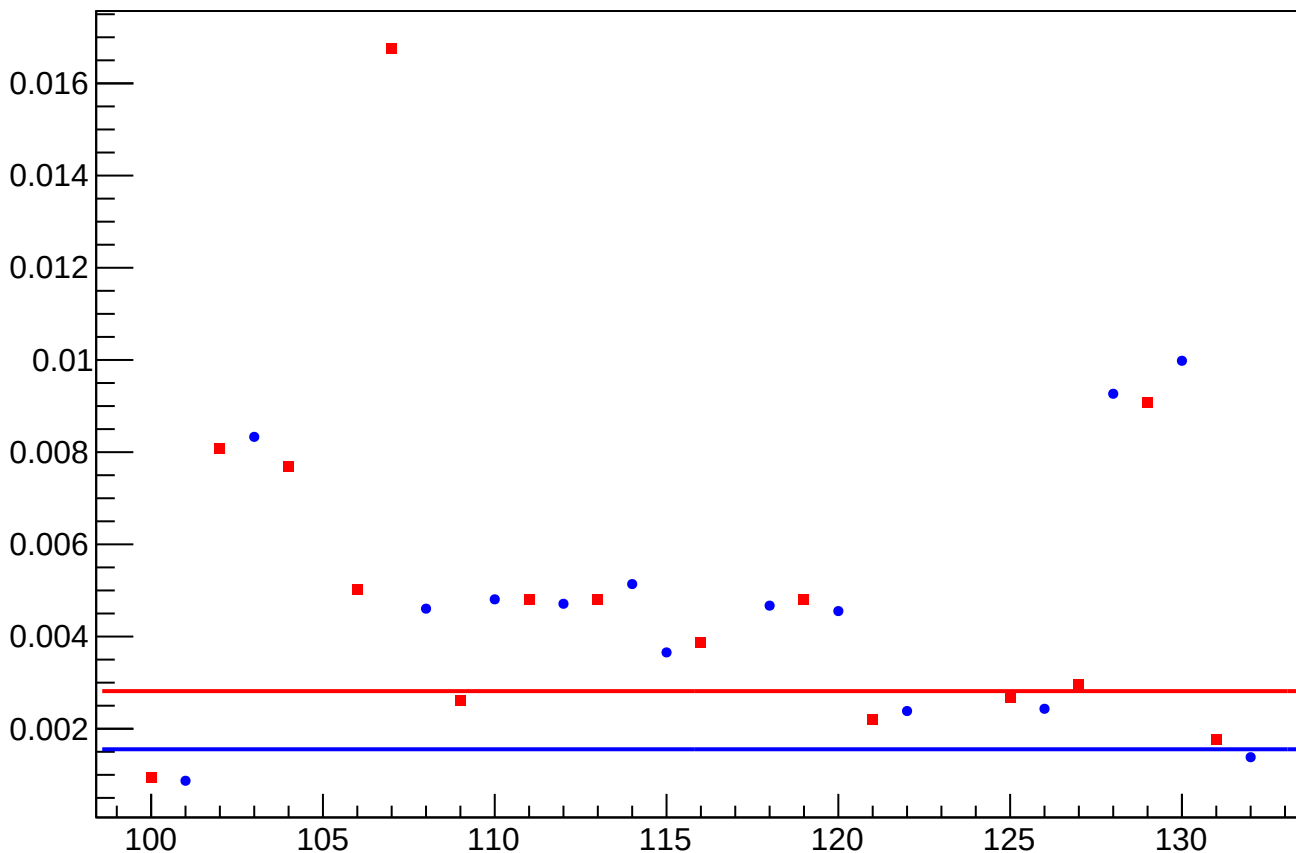
Right: 0.000+/-0.000 χ^2 /NDF: 24.8/28

In: -0.000+/-0.000 χ^2 /NDF:13.8/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 24.8/28

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 5308403.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 3213106.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

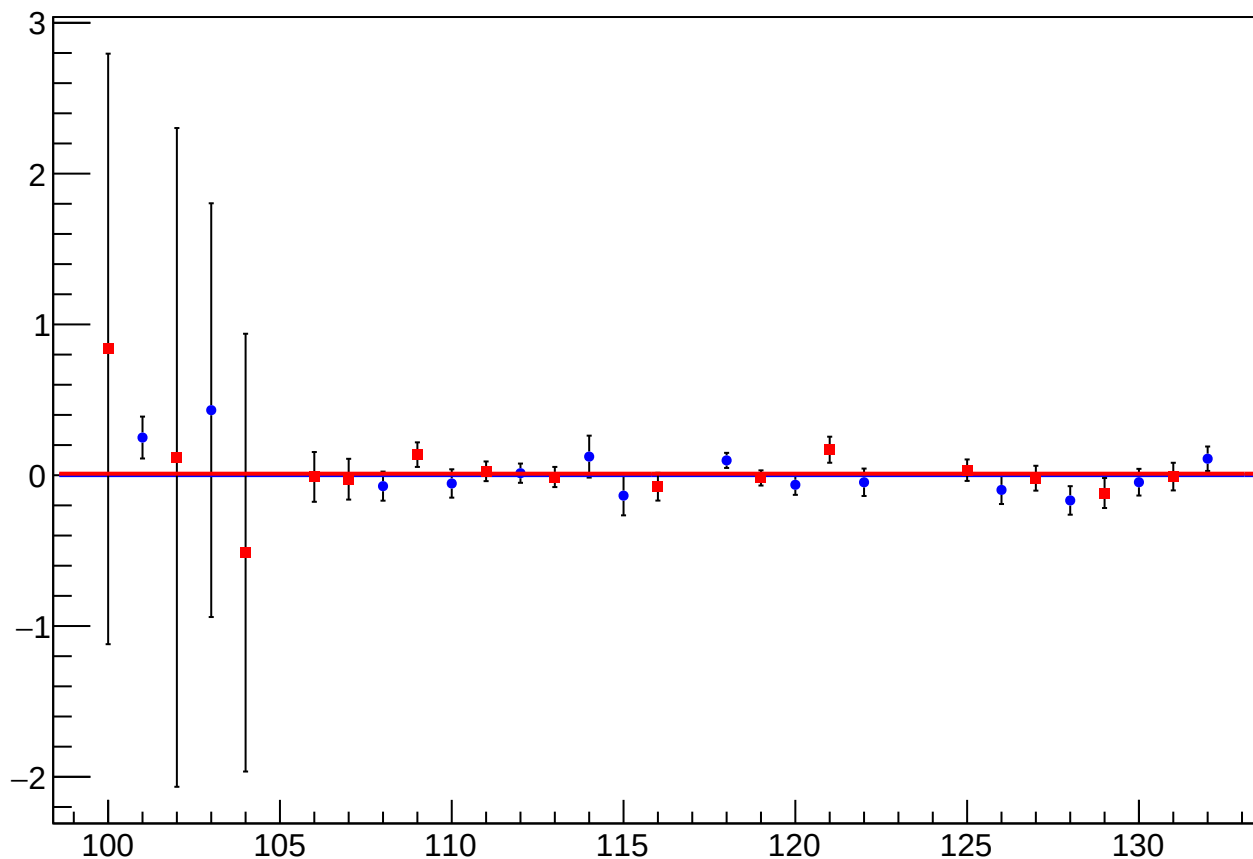
Right: 0.002+/-0.000 χ^2/NDF : 9710579.9/28

In: 0.002+/-0.000 χ^2/NDF :5308403.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 9710579.9/28

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.023 χ^2/NDF : 17.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.023 χ^2/NDF : 9.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

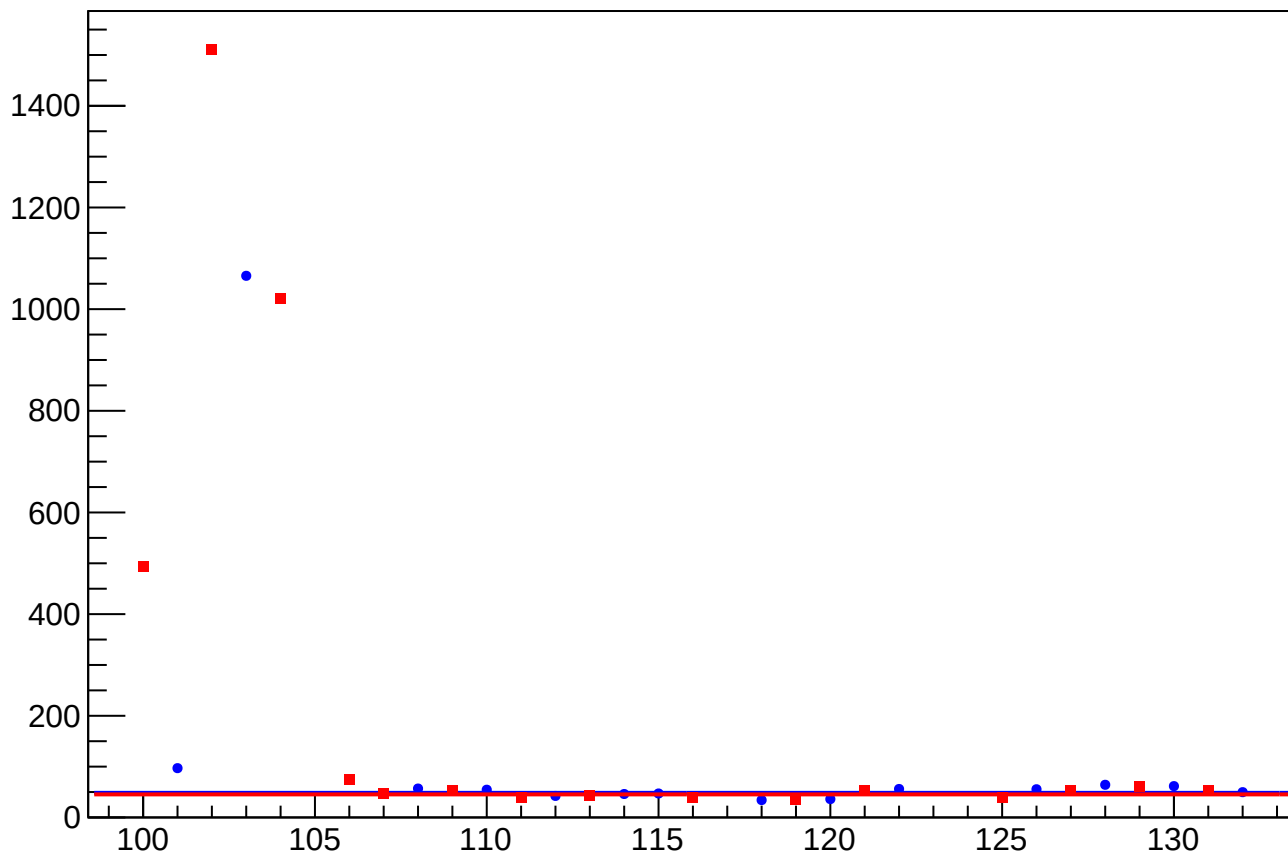
Right: 0.005+/-0.016 χ^2/NDF : 27.1/28

In: 0.001+/-0.023 χ^2/NDF : 17.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.016 χ^2/NDF : 27.1/28

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.397+/-0.016 χ^2/NDF : 1741799.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.380+/-0.016 χ^2/NDF : 2203617.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

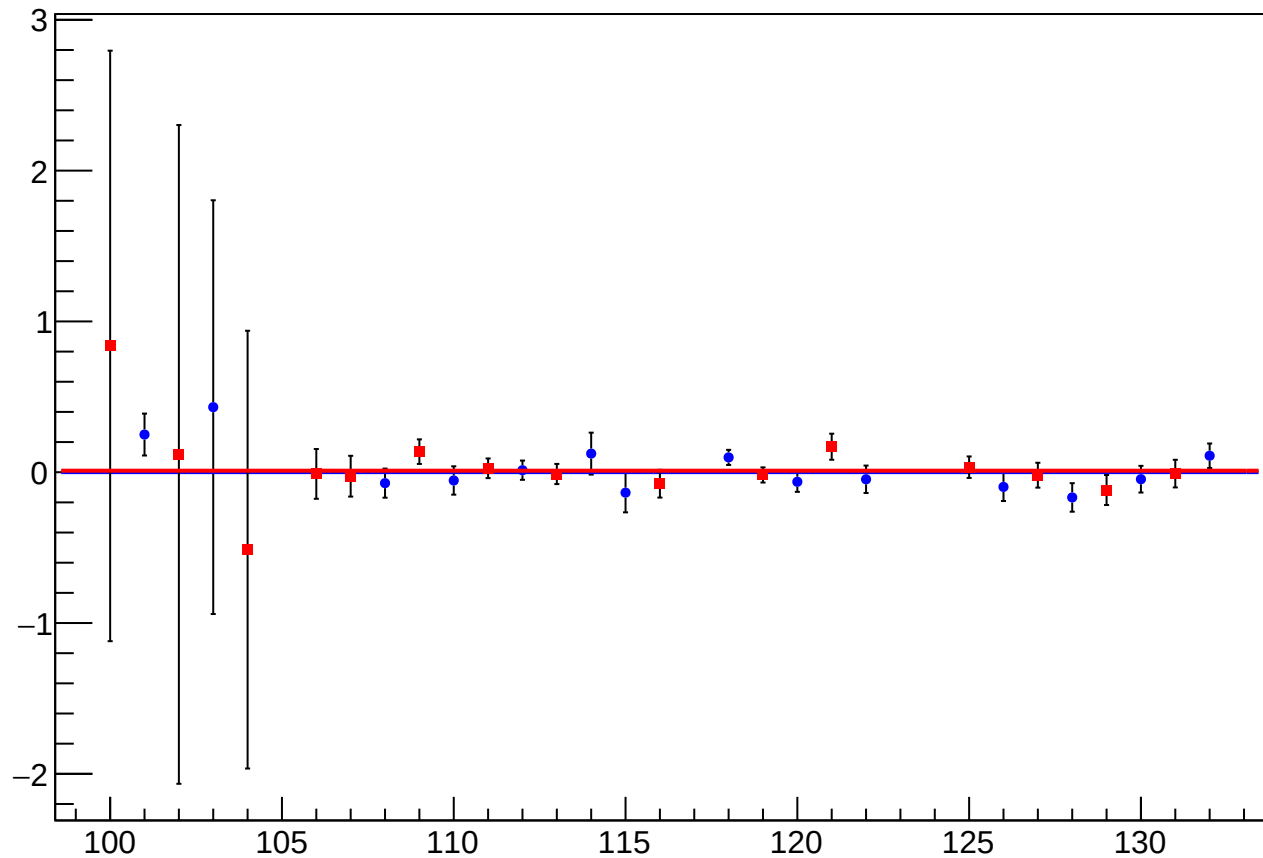
Right: 46.875+/-0.011 χ^2/NDF : 3962679.1/28

In: 48.397+/-0.016 χ^2/NDF : 1741799.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.875+/-0.011 χ^2/NDF : 3962679.1/28

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.023 χ^2/NDF : 17.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.023 χ^2/NDF : 9.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

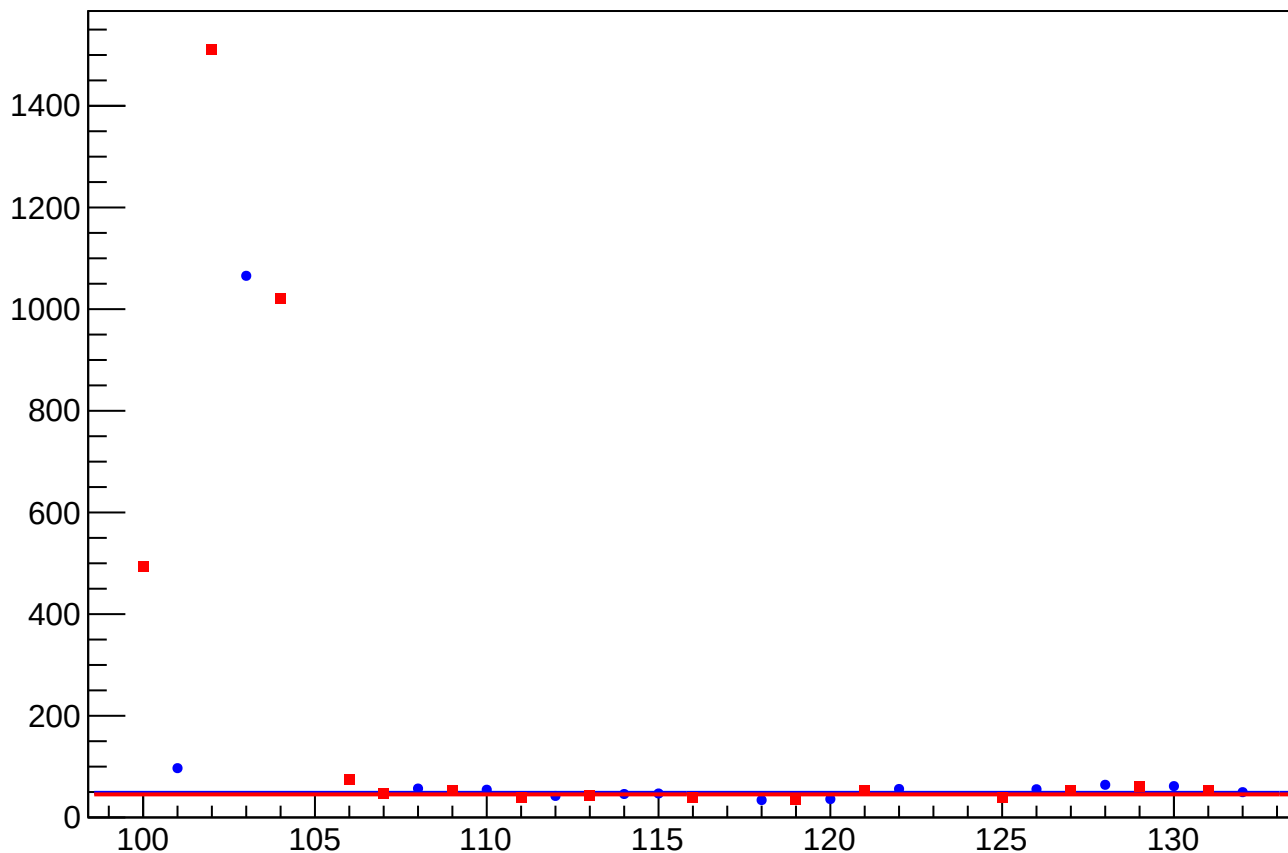
Right: 0.005+/-0.016 χ^2/NDF : 27.1/28

In: 0.001+/-0.023 χ^2/NDF : 17.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.016 χ^2/NDF : 27.1/28

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.397+/-0.016 χ^2/NDF : 1741799.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.380+/-0.016 χ^2/NDF : 2203617.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

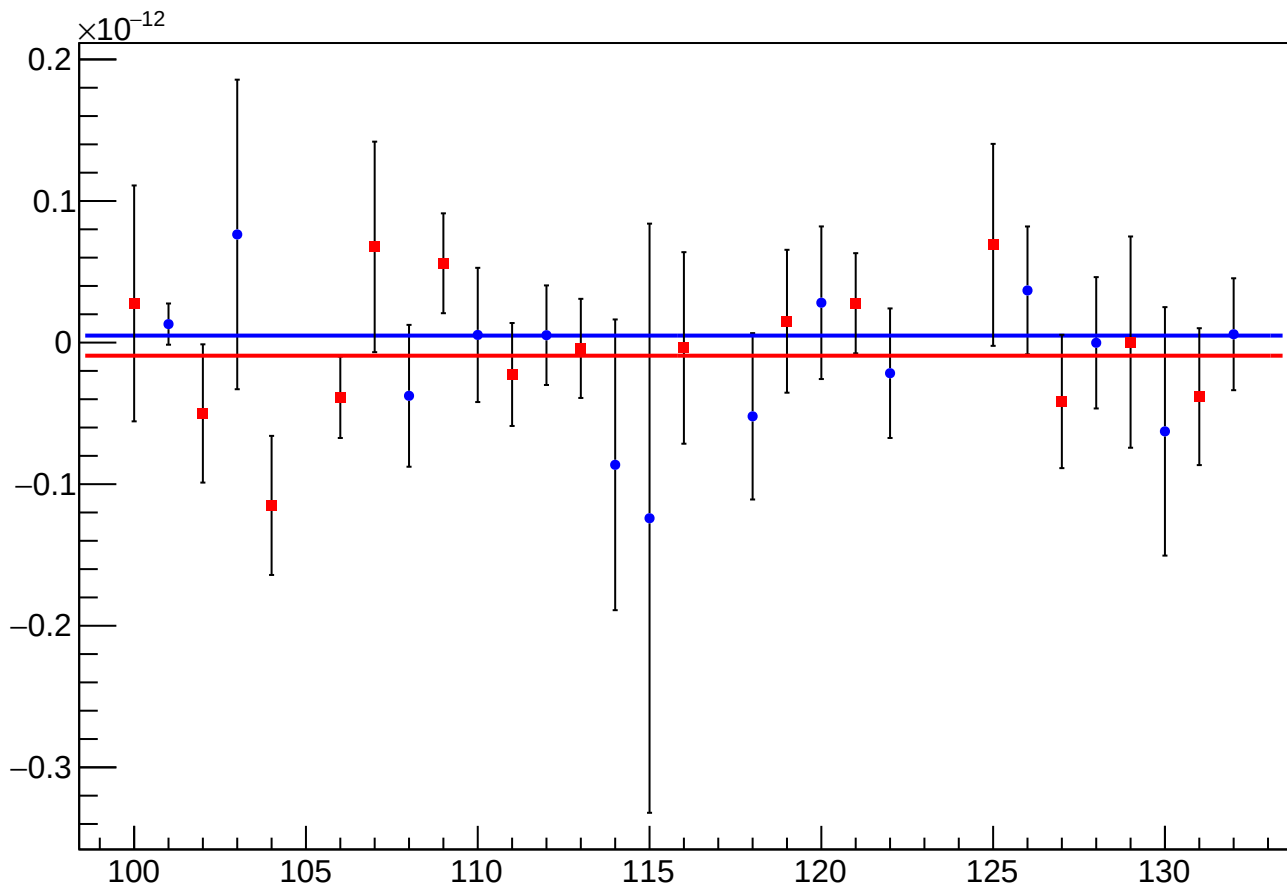
Right: 46.875+/-0.011 χ^2/NDF : 3962679.1/28

In: 48.397+/-0.016 χ^2/NDF : 1741799.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.875+/-0.011 χ^2/NDF : 3962679.1/28

asym_us_avg_at1lr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

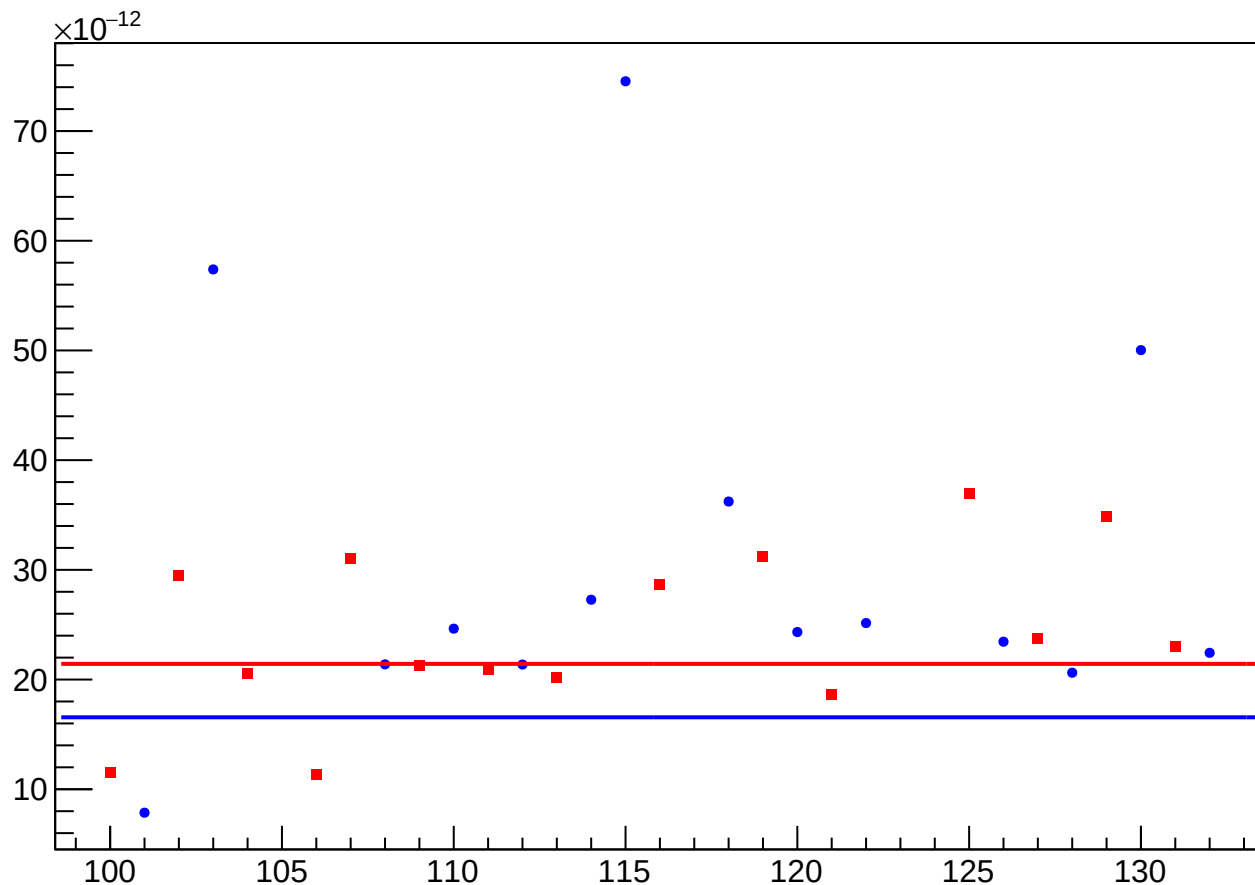
Right: -0.000+/-0.000 χ^2/NDF : 20.6/28

In: 0.000+/-0.000 χ^2/NDF : 5.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.6/28

asym_us_avg_at1lr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2017373.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 641796.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

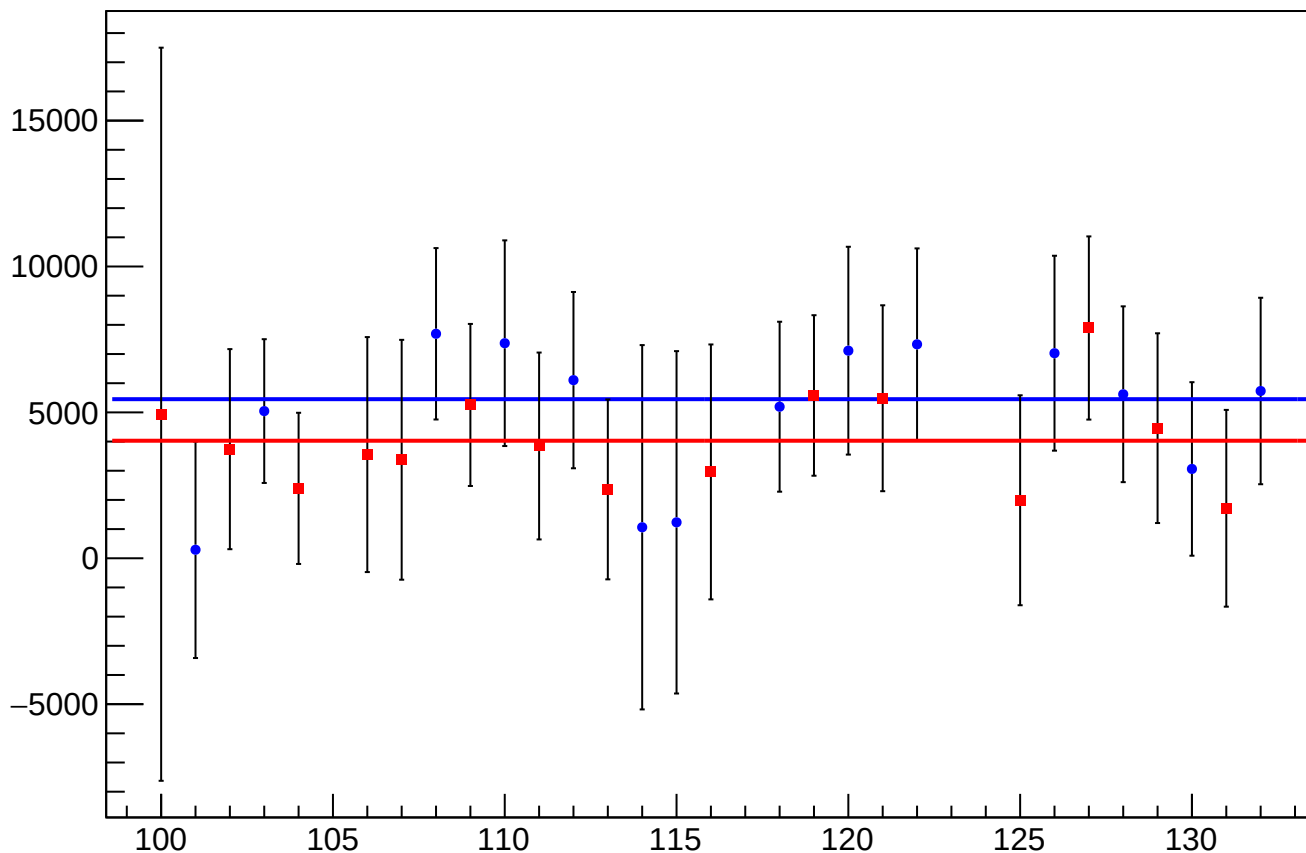
Right: 0.000+/-0.000 χ^2/NDF : 2855834.0/28

In: 0.000+/-0.000 χ^2/NDF : 2017373.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2855834.0/28

reg_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5452.726 $\pm$ 877.680 χ^2 /NDF: 5.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4028.583 $\pm$ 864.546 χ^2 /NDF: 3.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

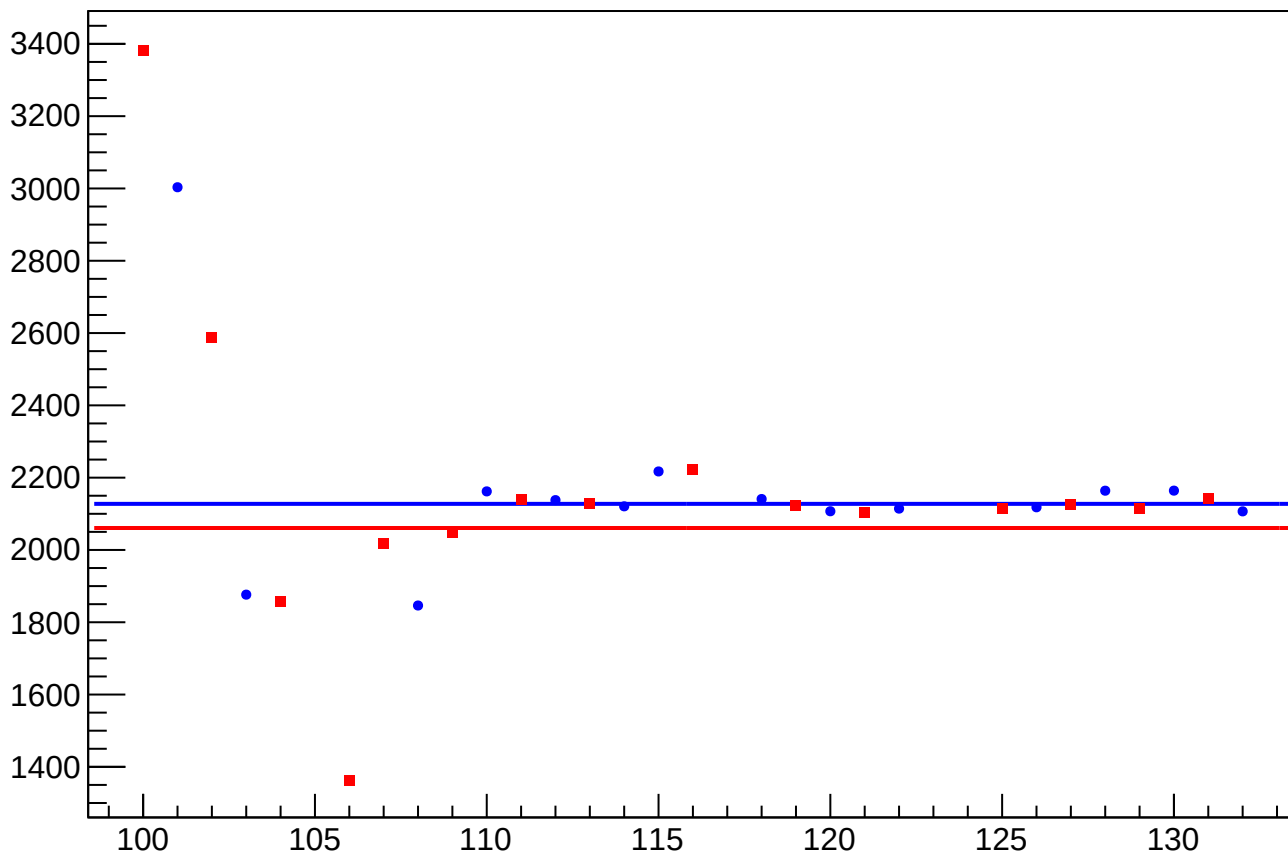
Right: 4729.920 $\pm$ 615.917 χ^2 /NDF: 10.5/28

In: 5452.726 $\pm$ 877.680 χ^2 /NDF:5.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4729.920 $\pm$ 615.917 χ^2 /NDF: 10.5/28

reg_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2127.512+/-0.621 χ^2 /NDF: 152048.7/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2060.732+/-0.600 χ^2 /NDF: 199618.8/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

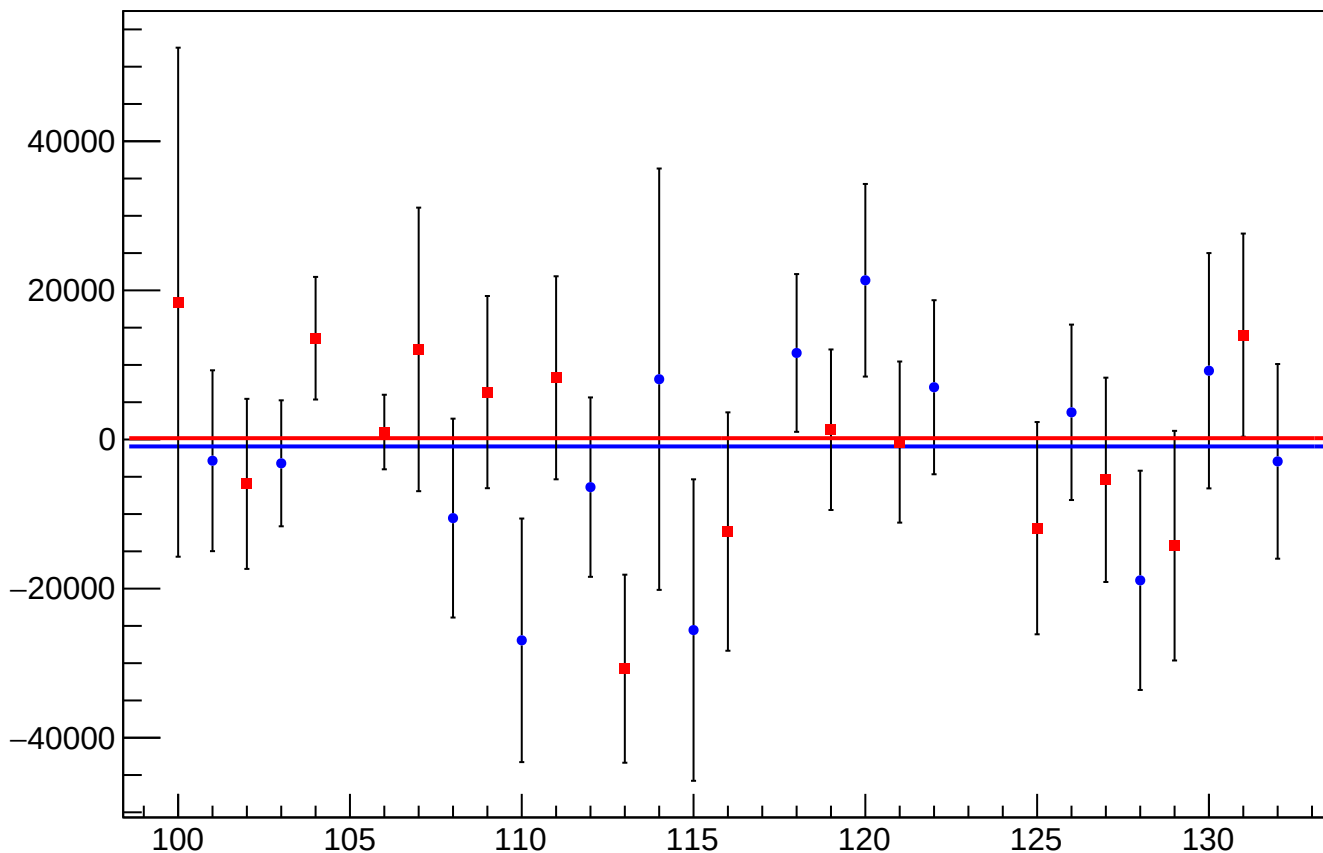
Right: 2093.010+/-0.431 χ^2 /NDF: 357649.5/28

In: 2127.512+/-0.621 χ^2 /NDF:152048.7/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2093.010+/-0.431 χ^2 /NDF: 357649.5/28

asym_us_avg_at2lr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -931.249+/-3434.218 χ^2/NDF : 11.9/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 175.708+/-2830.922 χ^2/NDF : 13.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

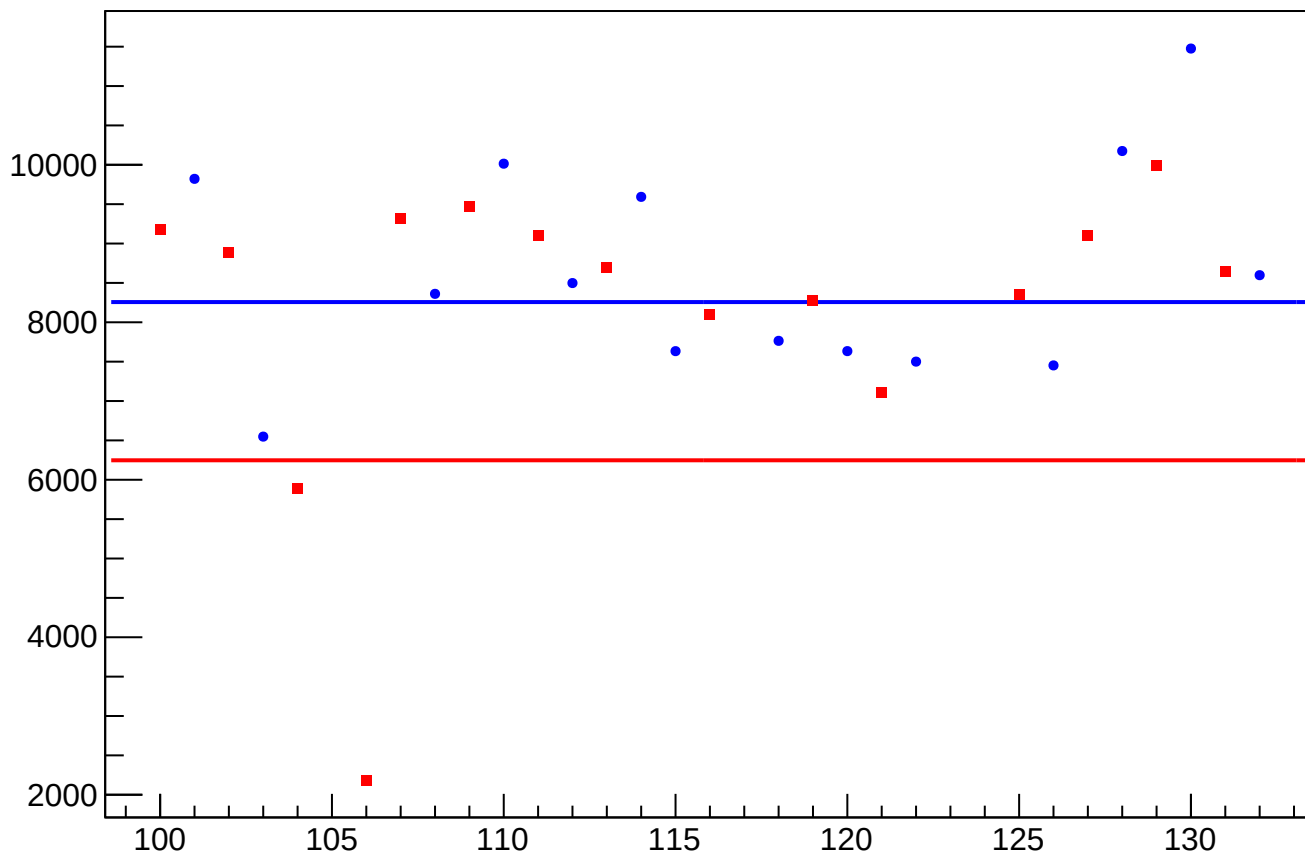
Right: -272.156+/-2184.418 χ^2/NDF : 25.6/28

In: -931.249+/-3434.218 χ^2/NDF :11.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -272.156+/-2184.418 χ^2/NDF : 25.6/28

asym_us_avg_at2lr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 8256.686+/-2.428 χ^2/NDF : 290953.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6247.308+/-2.002 χ^2/NDF : 2210071.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

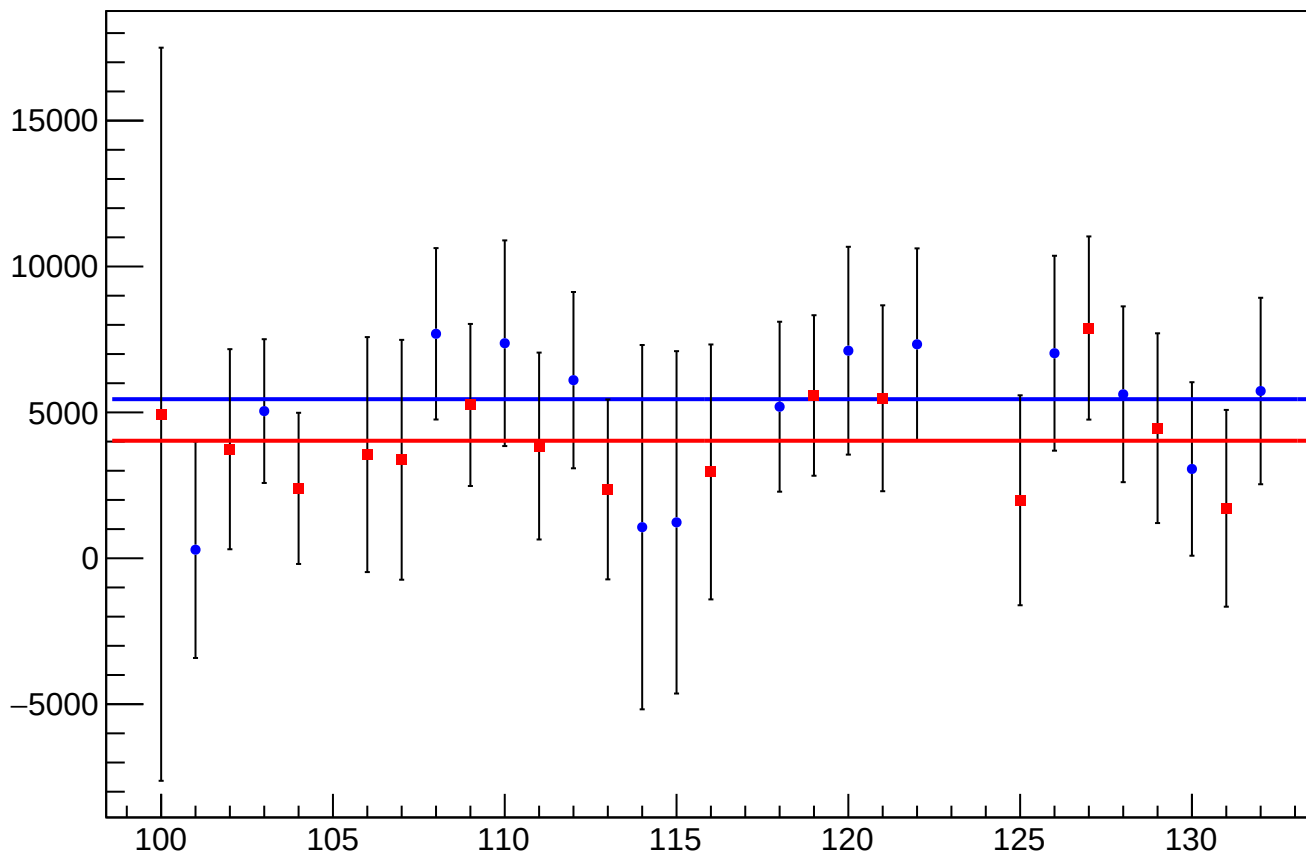
Right: 7060.284+/-1.545 χ^2/NDF : 2908700.2/28

In: 8256.686+/-2.428 χ^2/NDF : 290953.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7060.284+/-1.545 χ^2/NDF : 2908700.2/28

cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5452.951 $\pm$ 877.680 χ^2 /NDF: 5.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4028.281 $\pm$ 864.546 χ^2 /NDF: 3.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

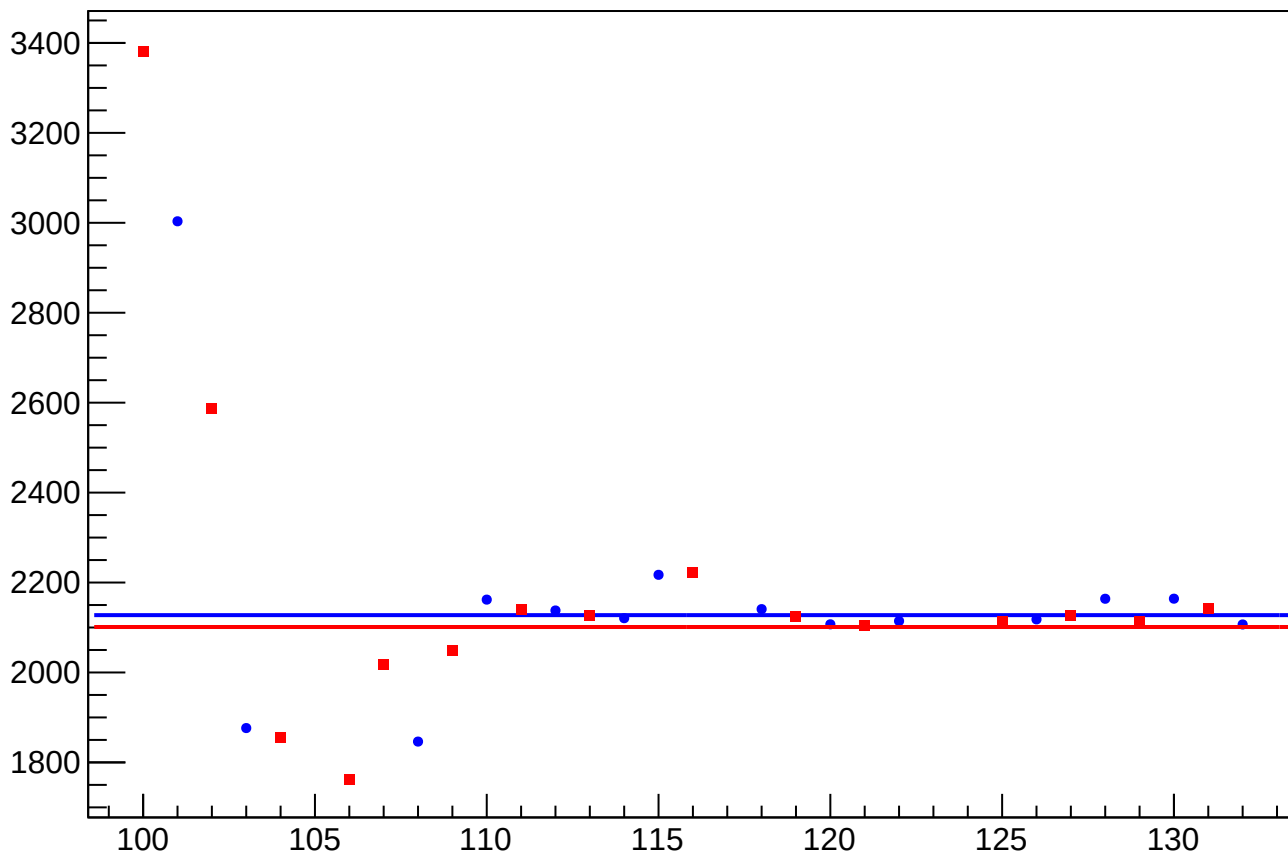
Right: 4729.877 $\pm$ 615.917 χ^2 /NDF: 10.5/28

In: 5452.951 $\pm$ 877.680 χ^2 /NDF:5.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4729.877 $\pm$ 615.917 χ^2 /NDF: 10.5/28

cor_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2127.512+/-0.621 χ^2/NDF : 152049.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2101.118+/-0.608 χ^2/NDF : 100677.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

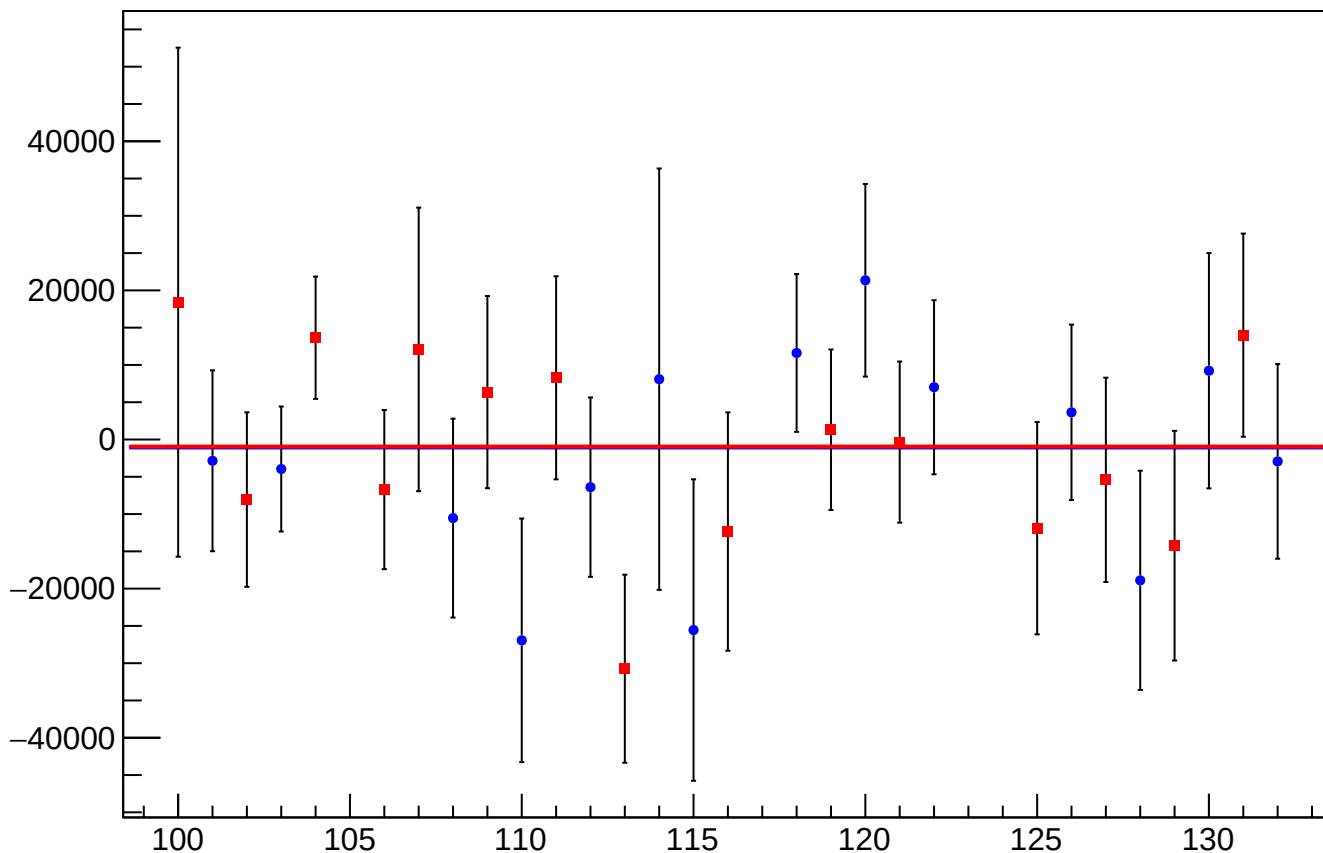
Right: 2114.041+/-0.434 χ^2/NDF : 253650.0/28

In: 2127.512+/-0.621 χ^2/NDF :152049.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2114.041+/-0.434 χ^2/NDF : 253650.0/28

asym_us_avg_at2lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1064.809+/-3429.858 χ^2/NDF : 11.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -946.531+/-3274.955 χ^2/NDF : 14.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

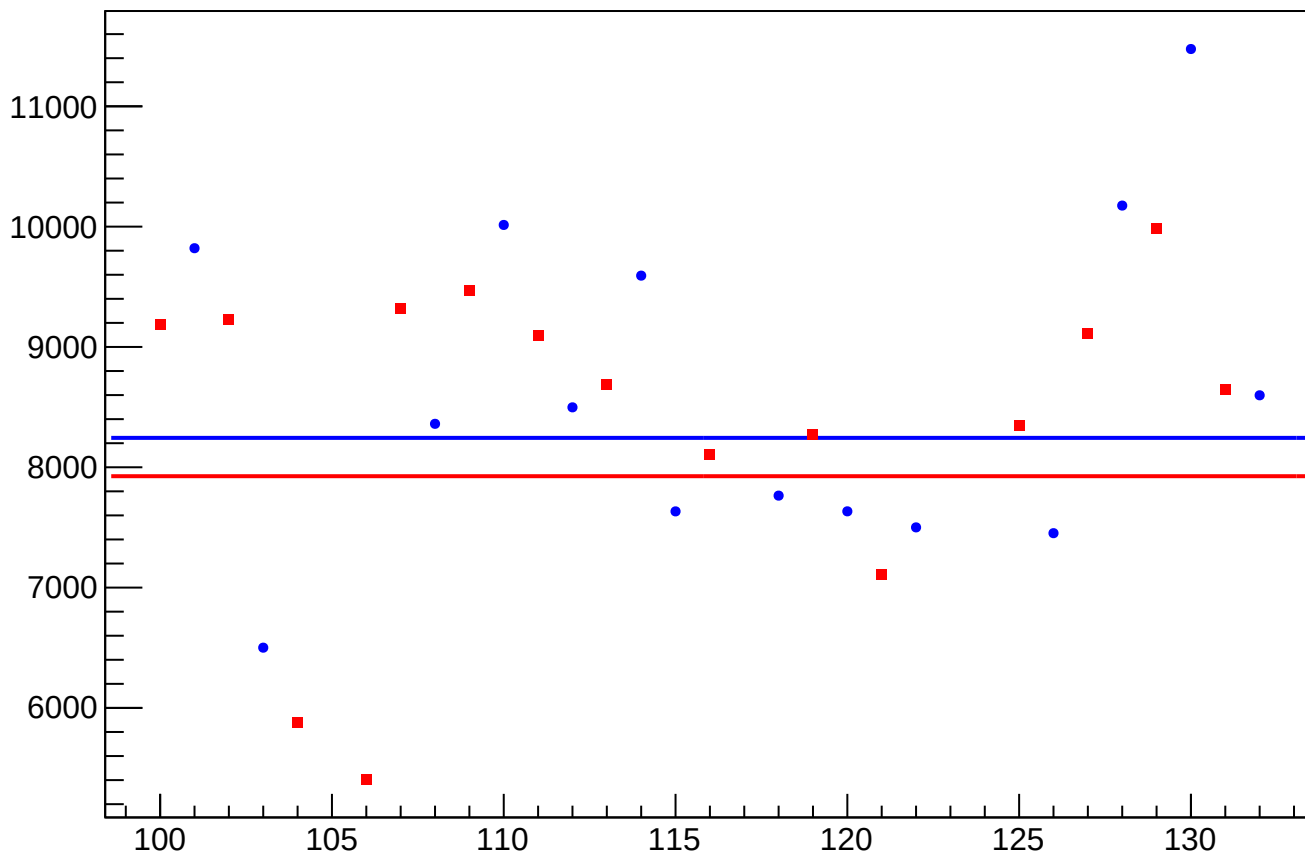
Right: -1002.939+/-2368.612 χ^2/NDF : 26.1/28

In: -1064.809+/-3429.858 χ^2/NDF : 11.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1002.939+/-2368.612 χ^2/NDF : 26.1/28

asym_us_avg_at2lr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 8244.404+/-2.425 χ^2/NDF : 296817.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7925.794+/-2.316 χ^2/NDF : 397135.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

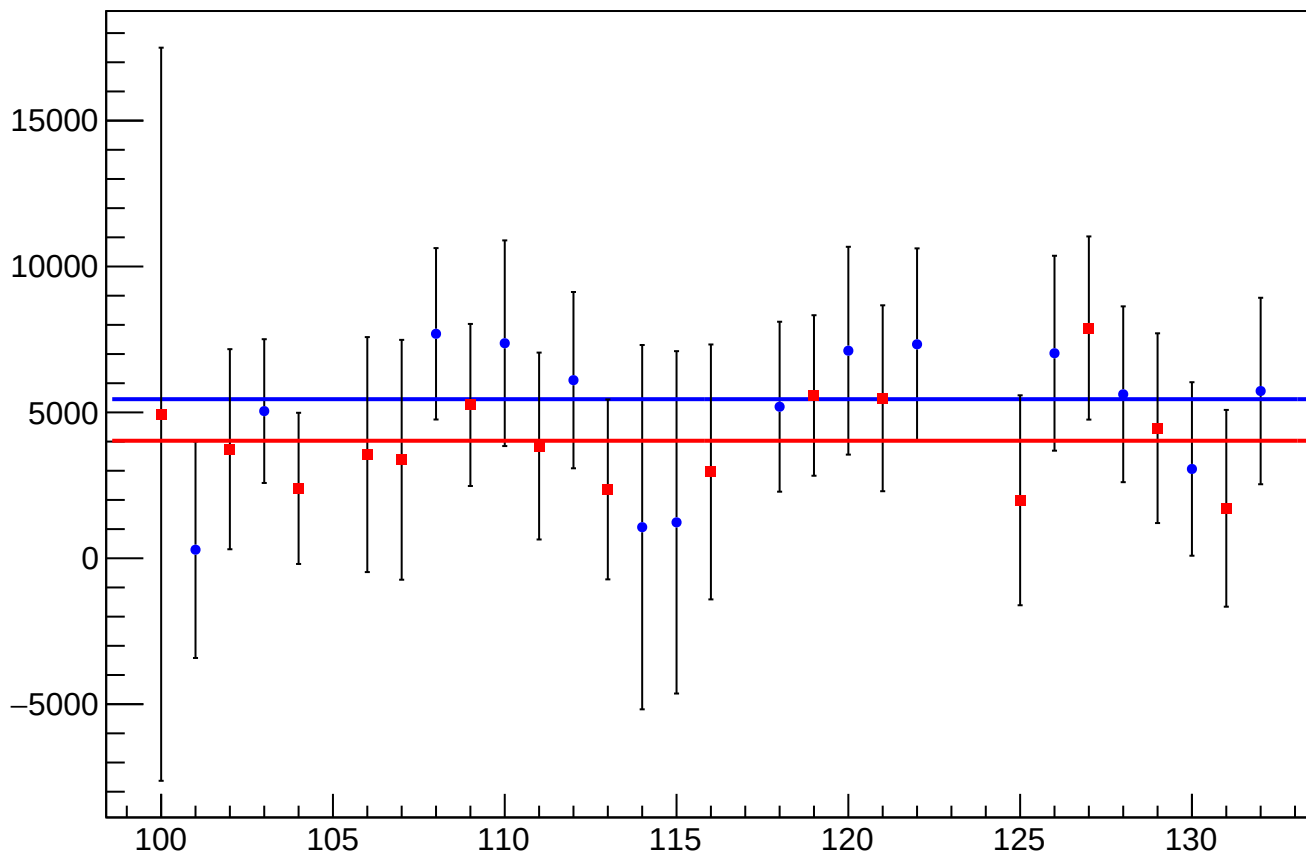
Right: 8077.742+/-1.675 χ^2/NDF : 702981.0/28

In: 8244.404+/-2.425 χ^2/NDF : 296817.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8077.742+/-1.675 χ^2/NDF : 702981.0/28

eigen_cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5452.951+/-877.680 χ^2/NDF : 5.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4028.281+/-864.546 χ^2/NDF : 3.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

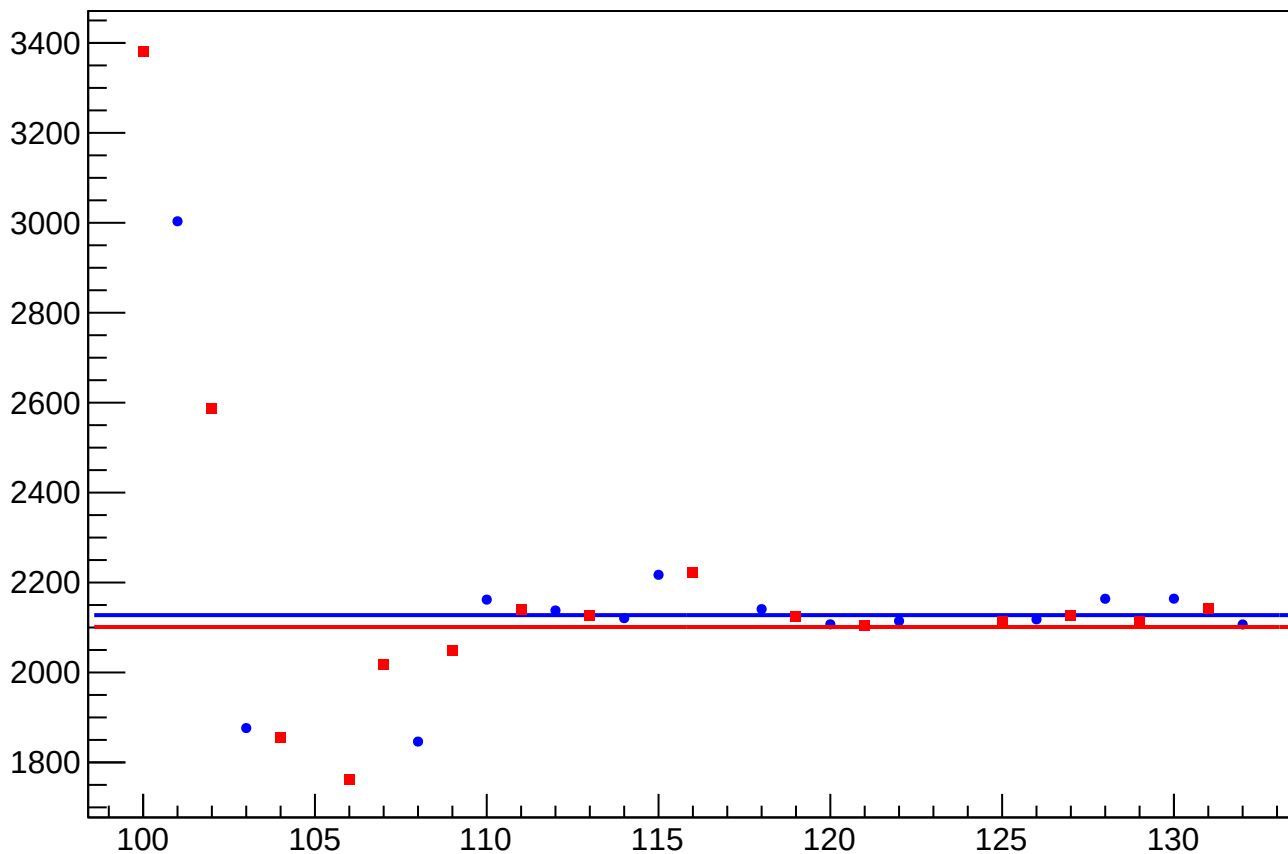
Right: 4729.877+/-615.917 χ^2/NDF : 10.5/28

In: 5452.951+/-877.680 χ^2/NDF : 5.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4729.877+/-615.917 χ^2/NDF : 10.5/28

eigen_cor_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2127.512+/-0.621 χ^2/NDF : 152049.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2101.118+/-0.608 χ^2/NDF : 100677.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

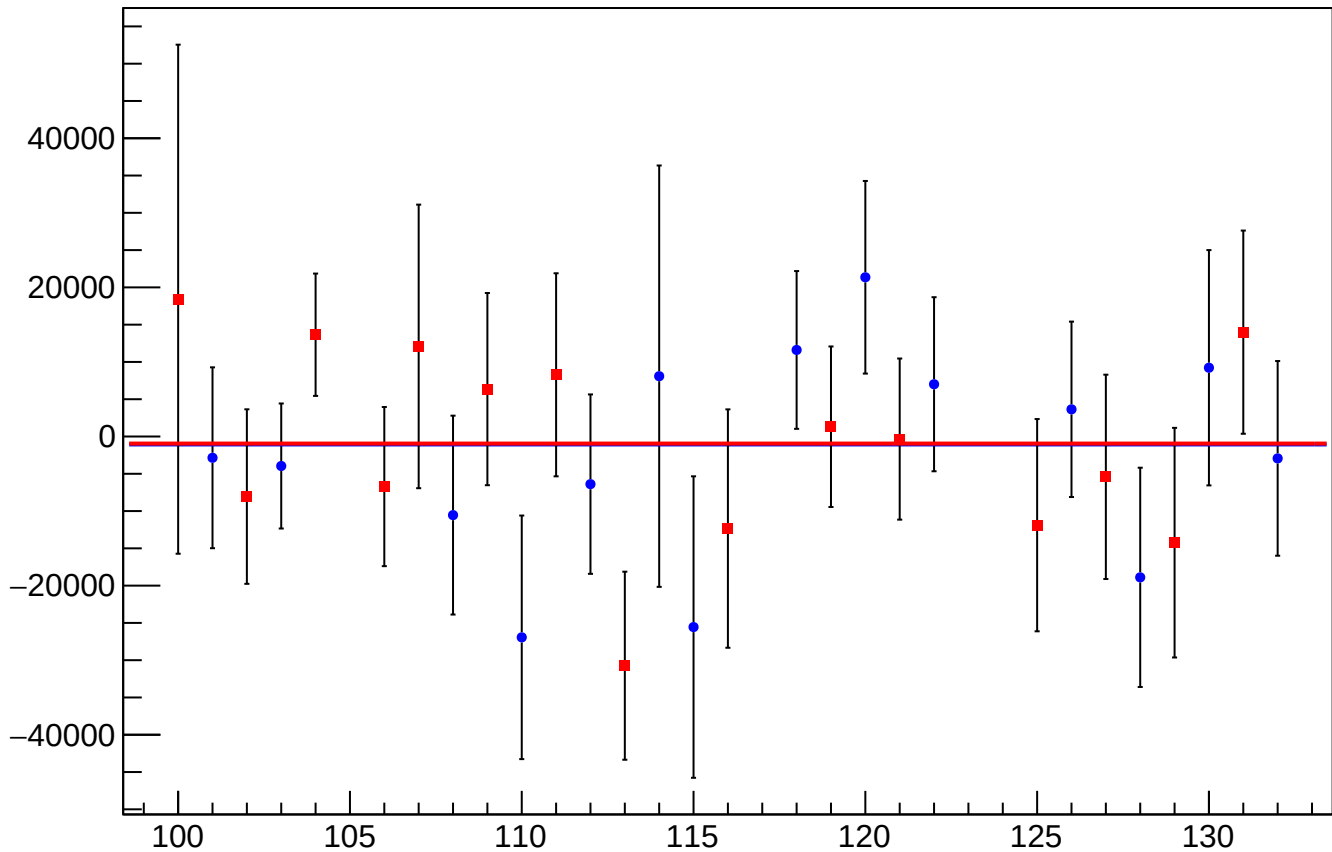
Right: 2114.041+/-0.434 χ^2/NDF : 253650.0/28

In: 2127.512+/-0.621 χ^2/NDF :152049.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2114.041+/-0.434 χ^2/NDF : 253650.0/28

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1064.809+/-3429.858 χ^2/NDF : 11.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -946.531+/-3274.955 χ^2/NDF : 14.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

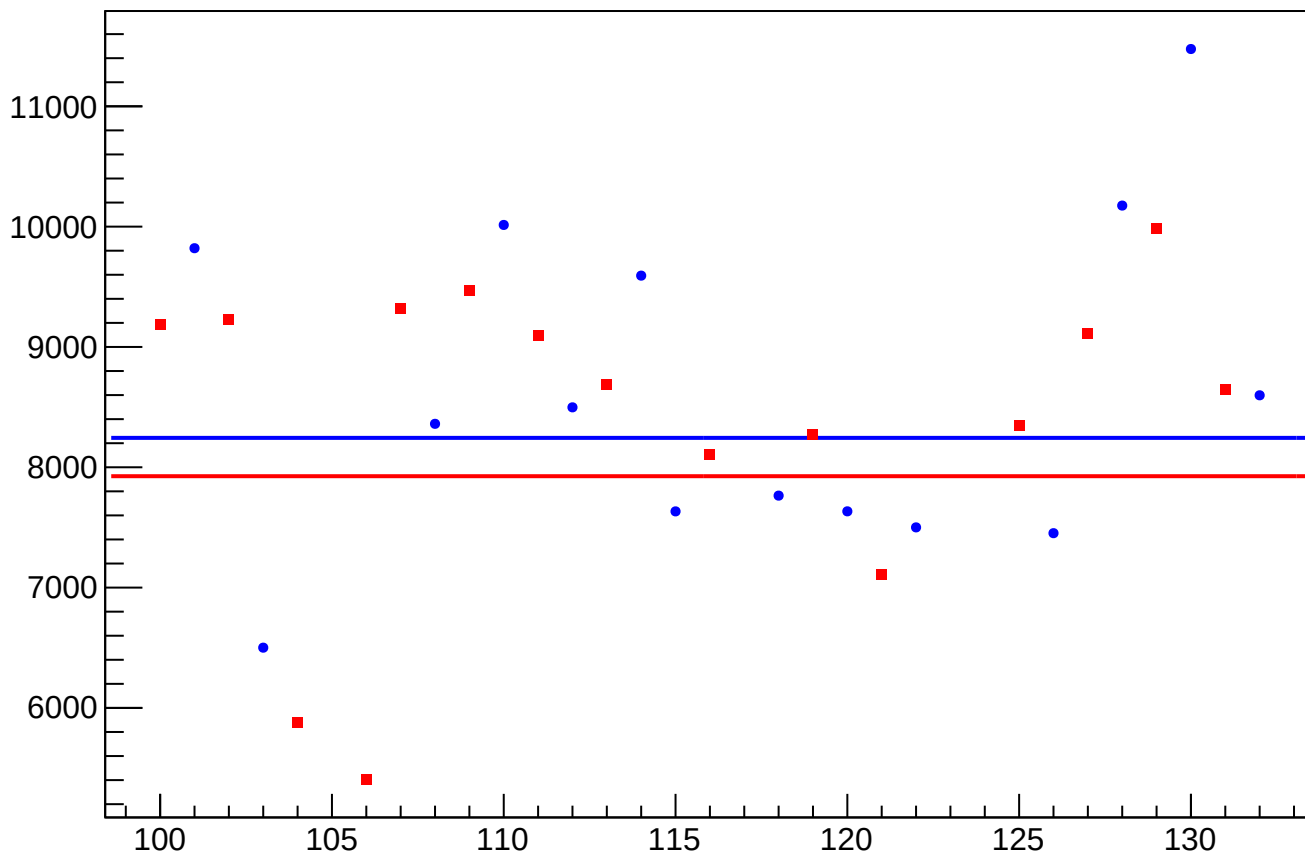
Right: -1002.939+/-2368.612 χ^2/NDF : 26.1/28

In: -1064.809+/-3429.858 χ^2/NDF : 11.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1002.939+/-2368.612 χ^2/NDF : 26.1/28

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 8244.404+/-2.425 χ^2/NDF : 296817.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7925.794+/-2.316 χ^2/NDF : 397135.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

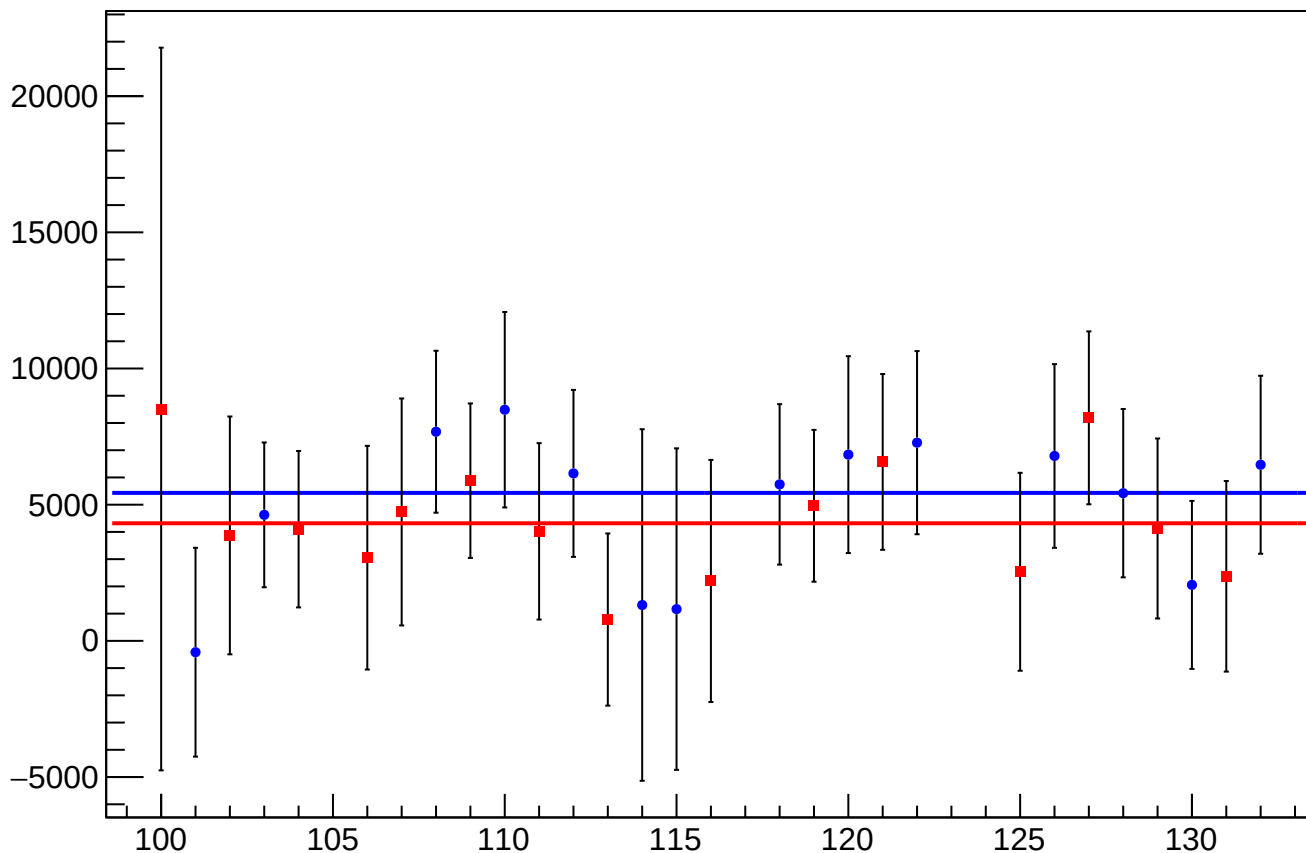
Right: 8077.742+/-1.675 χ^2/NDF : 702981.0/28

In: 8244.404+/-2.425 χ^2/NDF : 296817.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8077.742+/-1.675 χ^2/NDF : 702981.0/28

dit_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5433.634 $\pm$ 901.281 χ^2 /NDF: 6.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4317.514 $\pm$ 898.191 χ^2 /NDF: 4.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

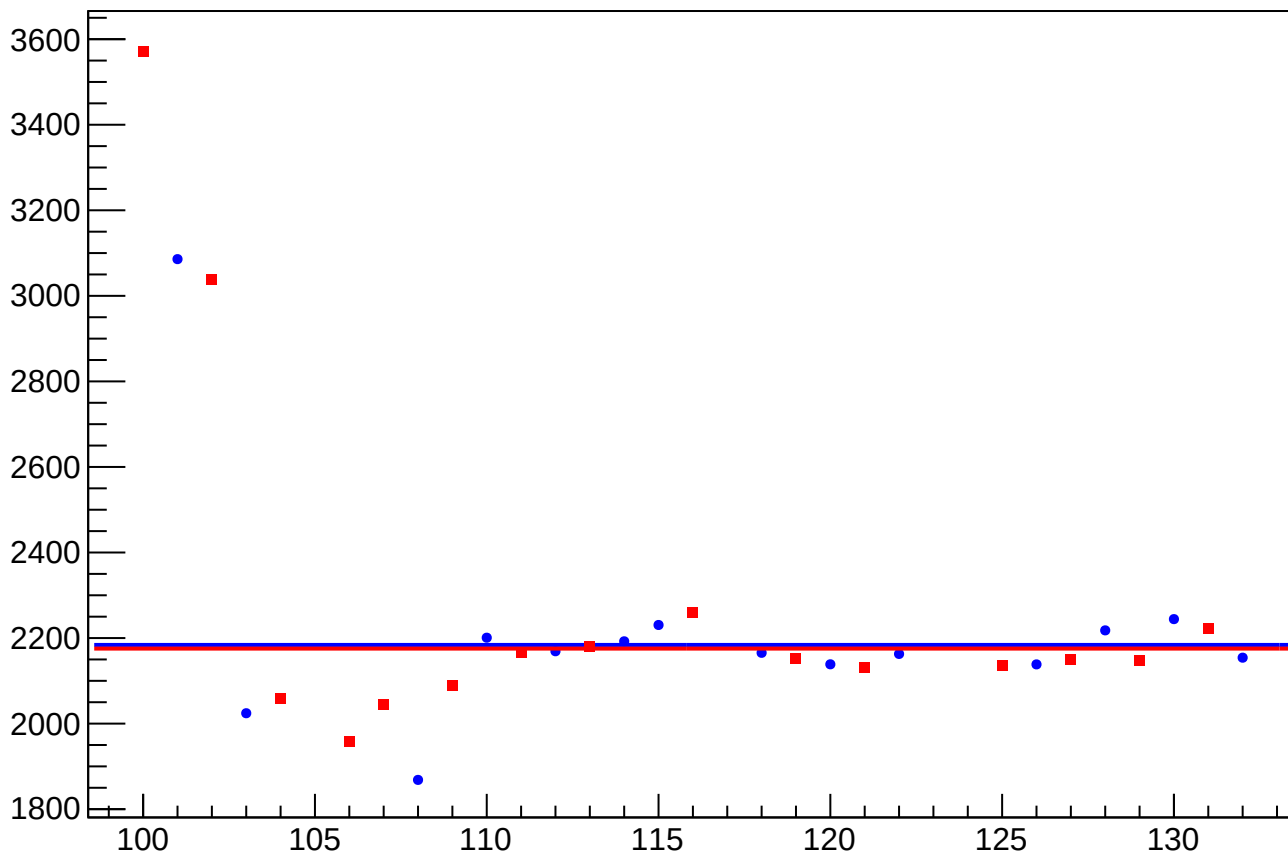
Right: 4873.657 $\pm$ 636.207 χ^2 /NDF: 12.0/28

In: 5433.634 $\pm$ 901.281 χ^2 /NDF:6.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4873.657 $\pm$ 636.207 χ^2 /NDF: 12.0/28

dit_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2183.937+/-0.637 χ^2/NDF : 142658.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2175.363+/-0.635 χ^2/NDF : 115445.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

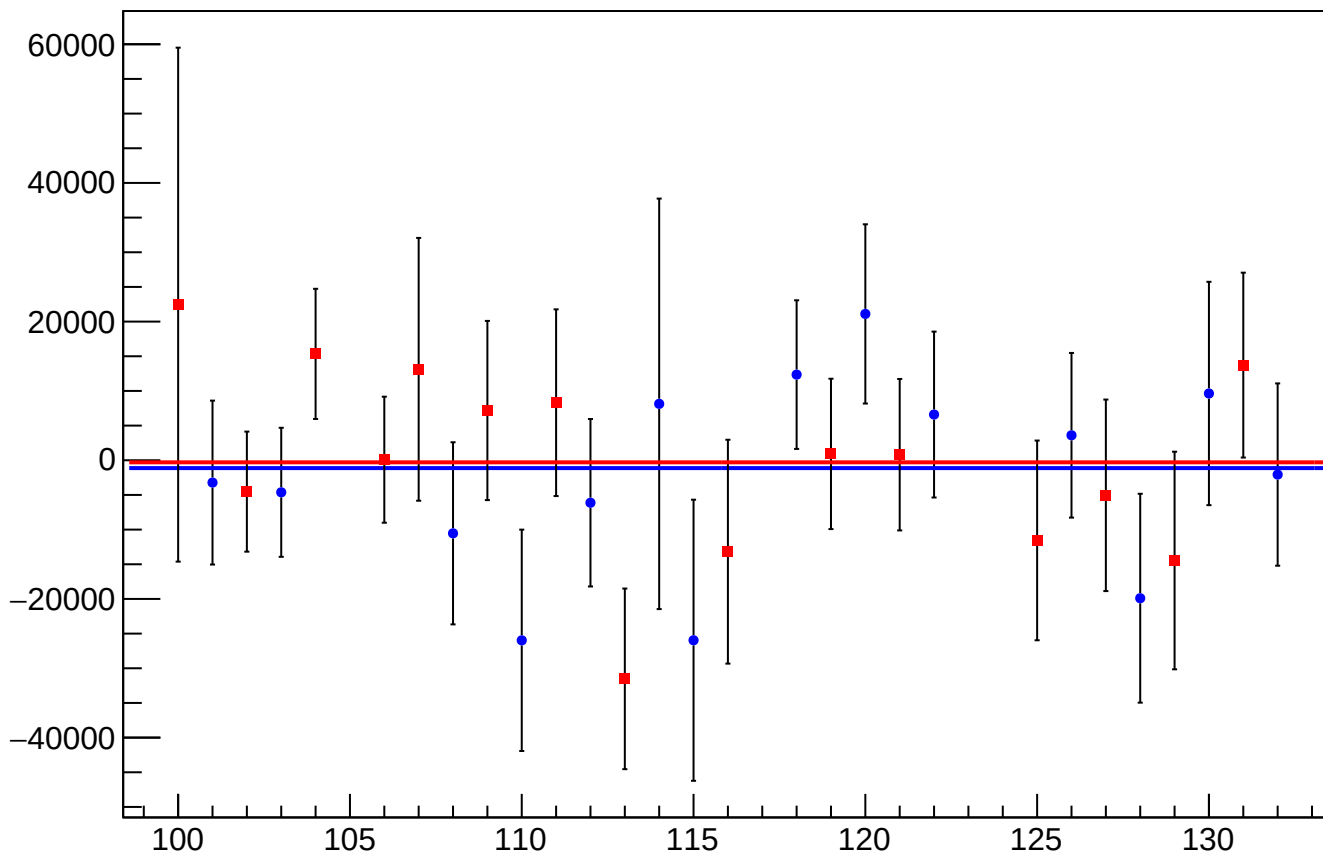
Right: 2179.632+/-0.450 χ^2/NDF : 258195.2/28

In: 2183.937+/-0.637 χ^2/NDF : 142658.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2179.632+/-0.450 χ^2/NDF : 258195.2/28

asym_us_avg_at2lr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1129.875+/-3499.126 χ^2/NDF : 12.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -297.842+/-3191.403 χ^2/NDF : 13.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

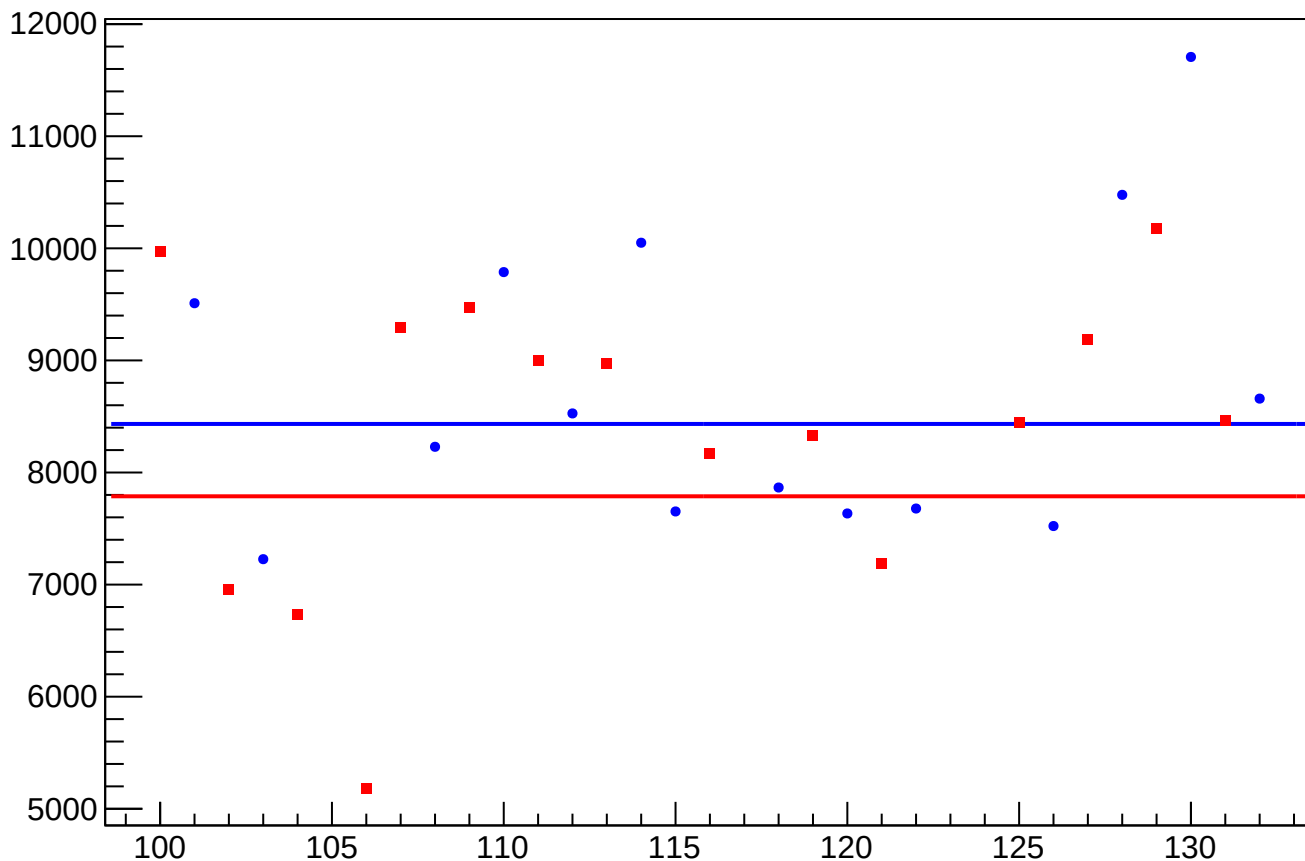
Right: -675.671+/-2357.962 χ^2/NDF : 25.7/28

In: -1129.875+/-3499.126 χ^2/NDF : 12.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -675.671+/-2357.962 χ^2/NDF : 25.7/28

asym_us_avg_at2lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 8433.236+/-2.474 χ^2/NDF : 227184.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7787.792+/-2.257 χ^2/NDF : 382193.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

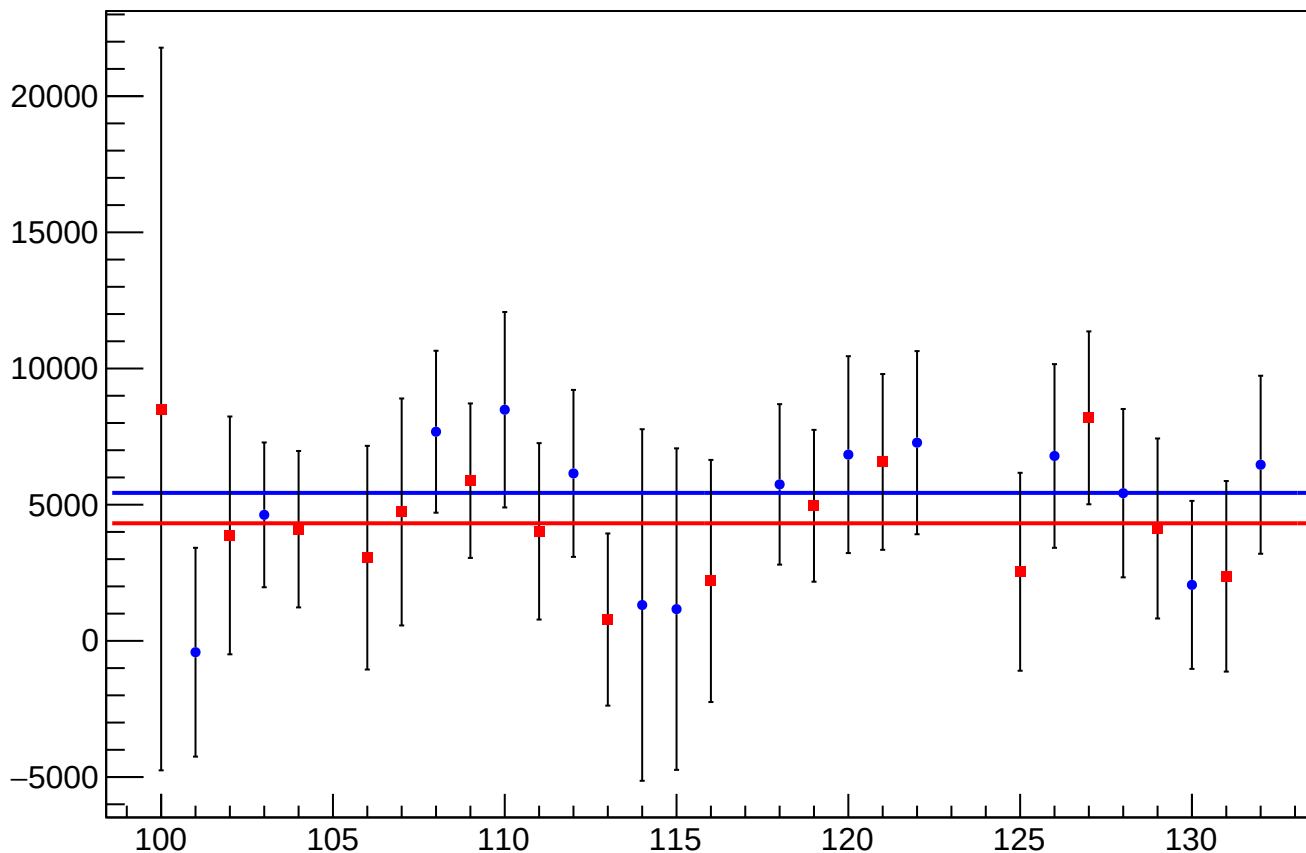
Right: 8080.890+/-1.667 χ^2/NDF : 646527.0/28

In: 8433.236+/-2.474 χ^2/NDF : 227184.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8080.890+/-1.667 χ^2/NDF : 646527.0/28

eigen_dit_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5433.638 $\pm$ 901.281 χ^2 /NDF: 6.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4317.523 $\pm$ 898.191 χ^2 /NDF: 4.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

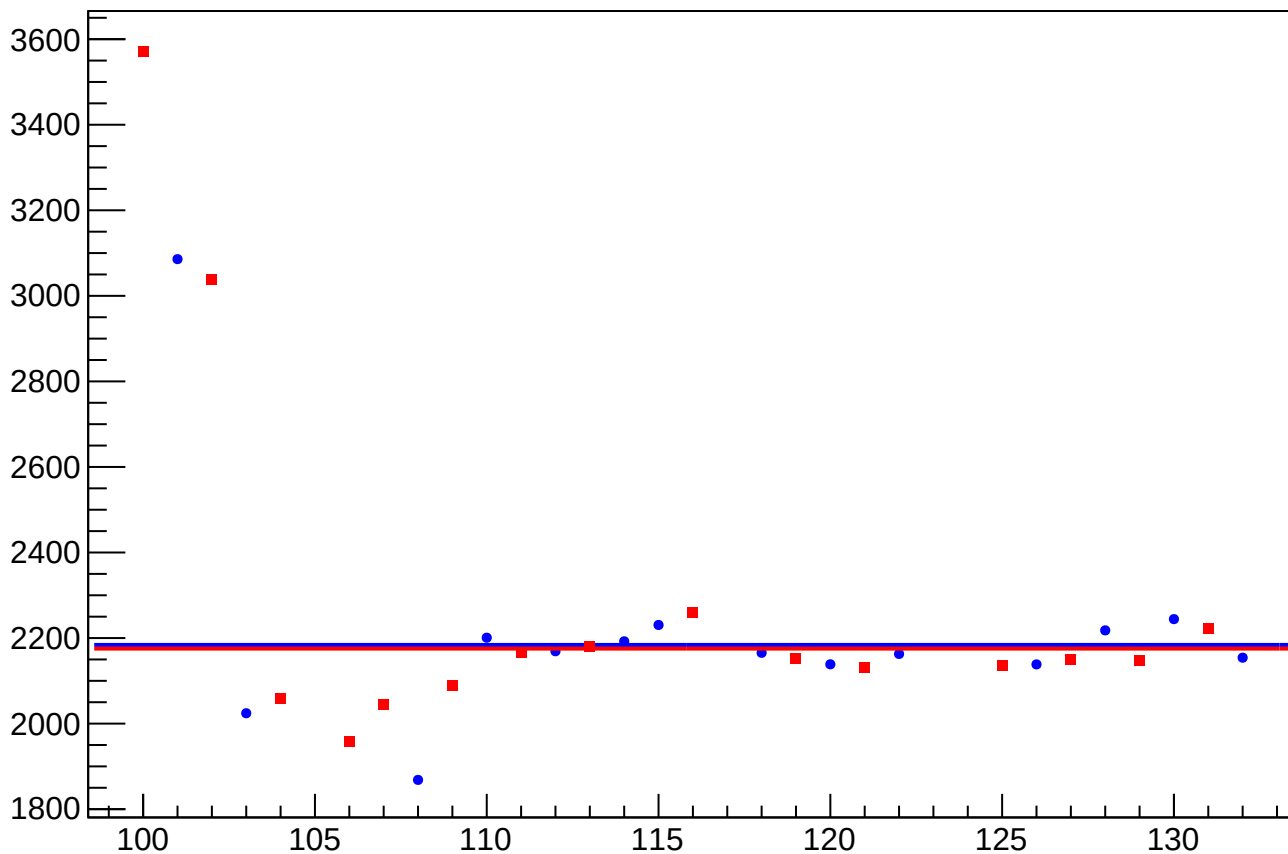
Right: 4873.664 $\pm$ 636.206 χ^2 /NDF: 12.0/28

In: 5433.638 $\pm$ 901.281 χ^2 /NDF:6.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4873.664 $\pm$ 636.206 χ^2 /NDF: 12.0/28

eigen_dit_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2183.936+/-0.637 χ^2/NDF : 142658.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2175.362+/-0.635 χ^2/NDF : 115445.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

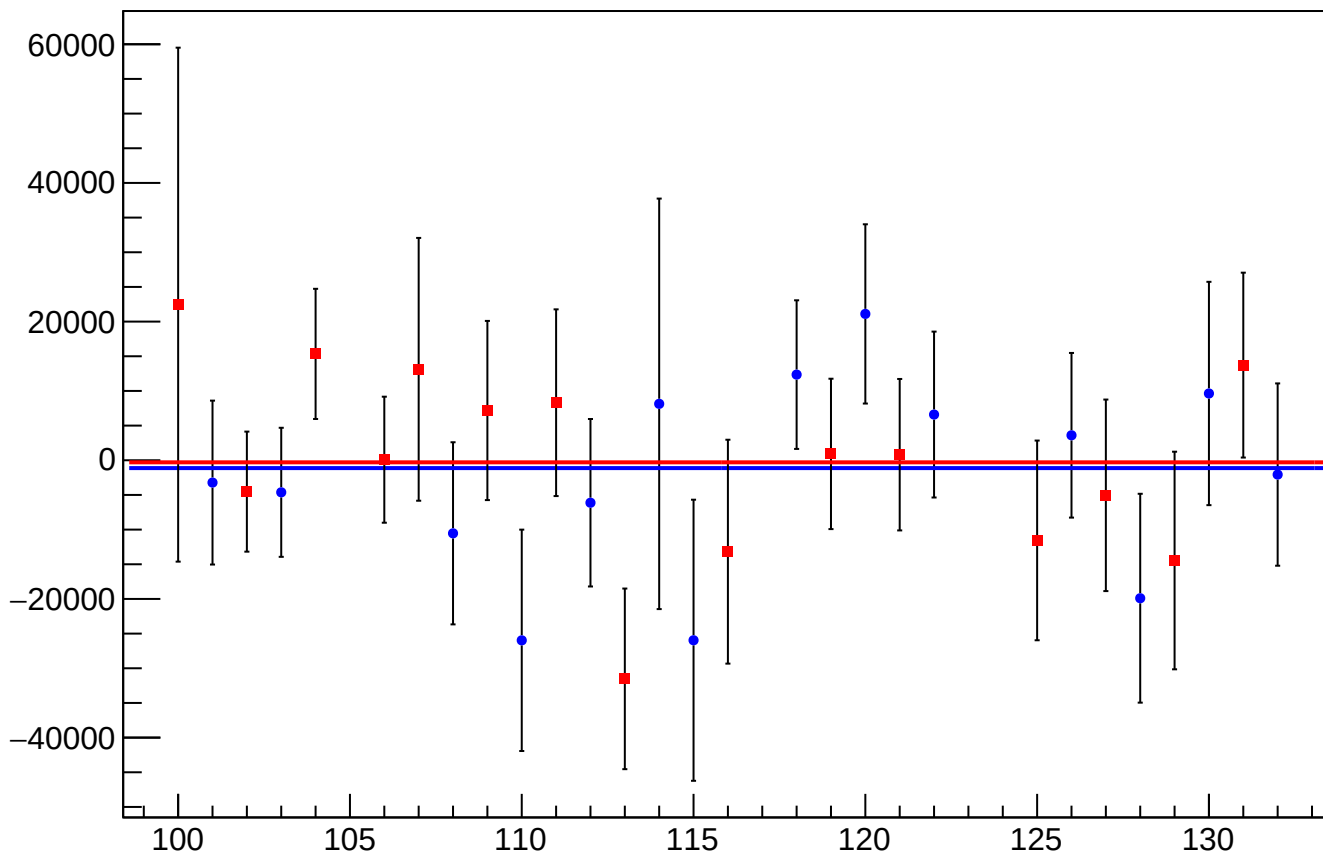
Right: 2179.631+/-0.450 χ^2/NDF : 258195.0/28

In: 2183.936+/-0.637 χ^2/NDF : 142658.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2179.631+/-0.450 χ^2/NDF : 258195.0/28

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1129.863 ± 3499.115 $\chi^2/\text{NDF}: 12.0/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -297.835 ± 3191.394 $\chi^2/\text{NDF}: 13.7/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

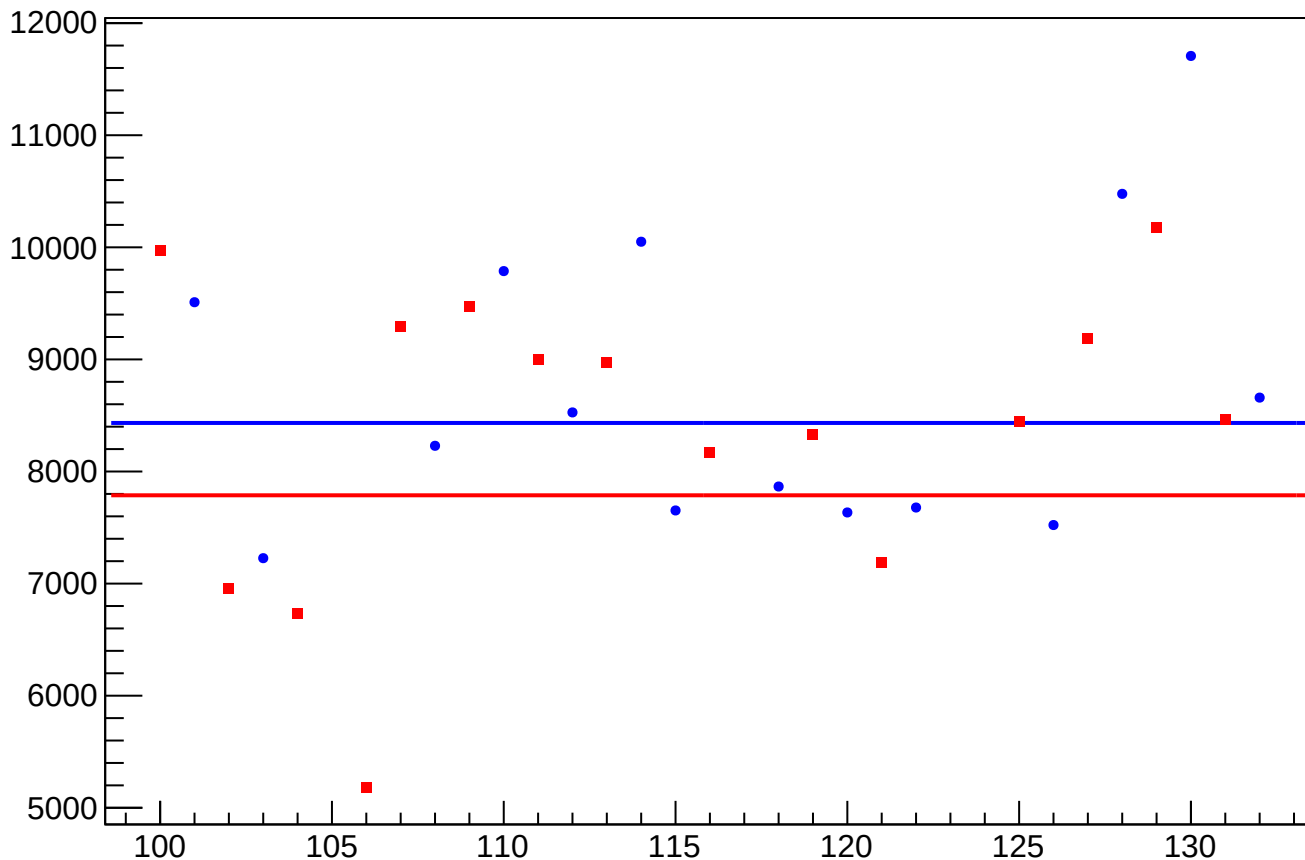
Right: -675.662 ± 2357.956 $\chi^2/\text{NDF}: 25.7/28$

In: -1129.863 ± 3499.115 $\chi^2/\text{NDF}: 12.0/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -675.662 ± 2357.956 $\chi^2/\text{NDF}: 25.7/28$

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 8433.211+/-2.474 χ^2/NDF : 227184.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7787.773+/-2.257 χ^2/NDF : 382190.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

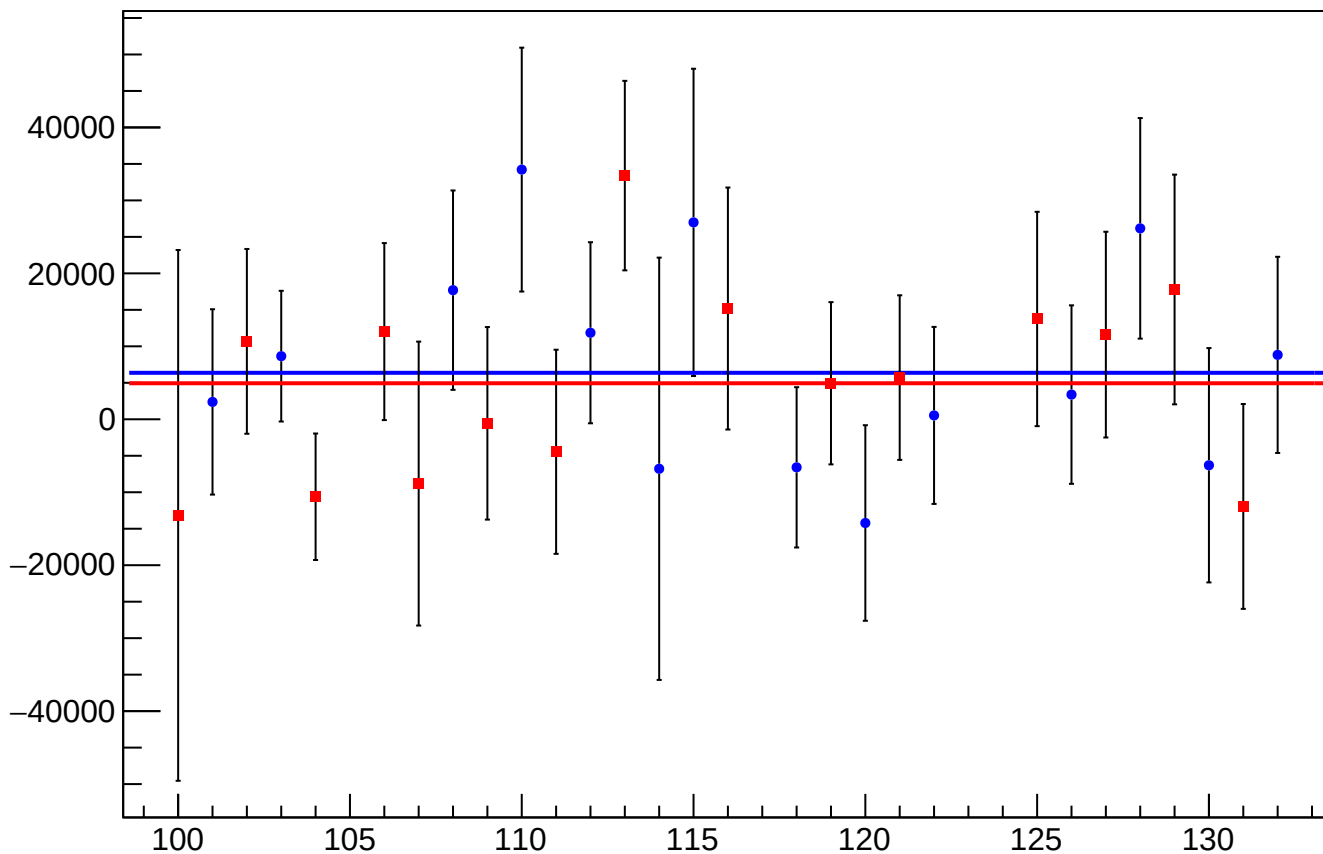
Right: 8080.869+/-1.667 χ^2/NDF : 646523.2/28

In: 8433.211+/-2.474 χ^2/NDF : 227184.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8080.869+/-1.667 χ^2/NDF : 646523.2/28

asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 6371.194+/-3565.407 χ^2/NDF : 11.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4938.328+/-3432.426 χ^2/NDF : 13.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

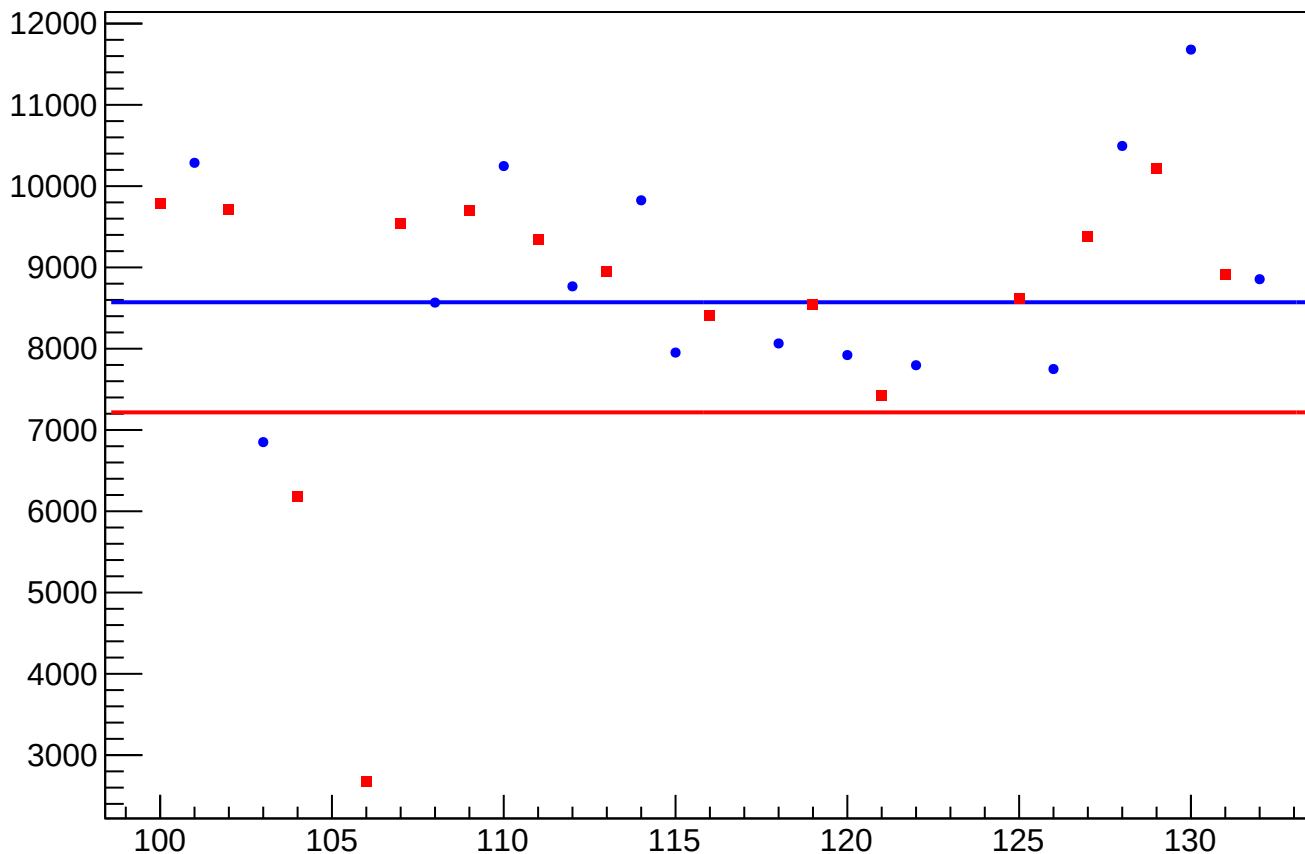
Right: 5627.542+/-2472.768 χ^2/NDF : 24.5/28

In: 6371.194+/-3565.407 χ^2/NDF : 11.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5627.542+/-2472.768 χ^2/NDF : 24.5/28

asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 8571.346+/-2.521 χ^2/NDF : 270729.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7216.664+/-2.234 χ^2/NDF : 1413610.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

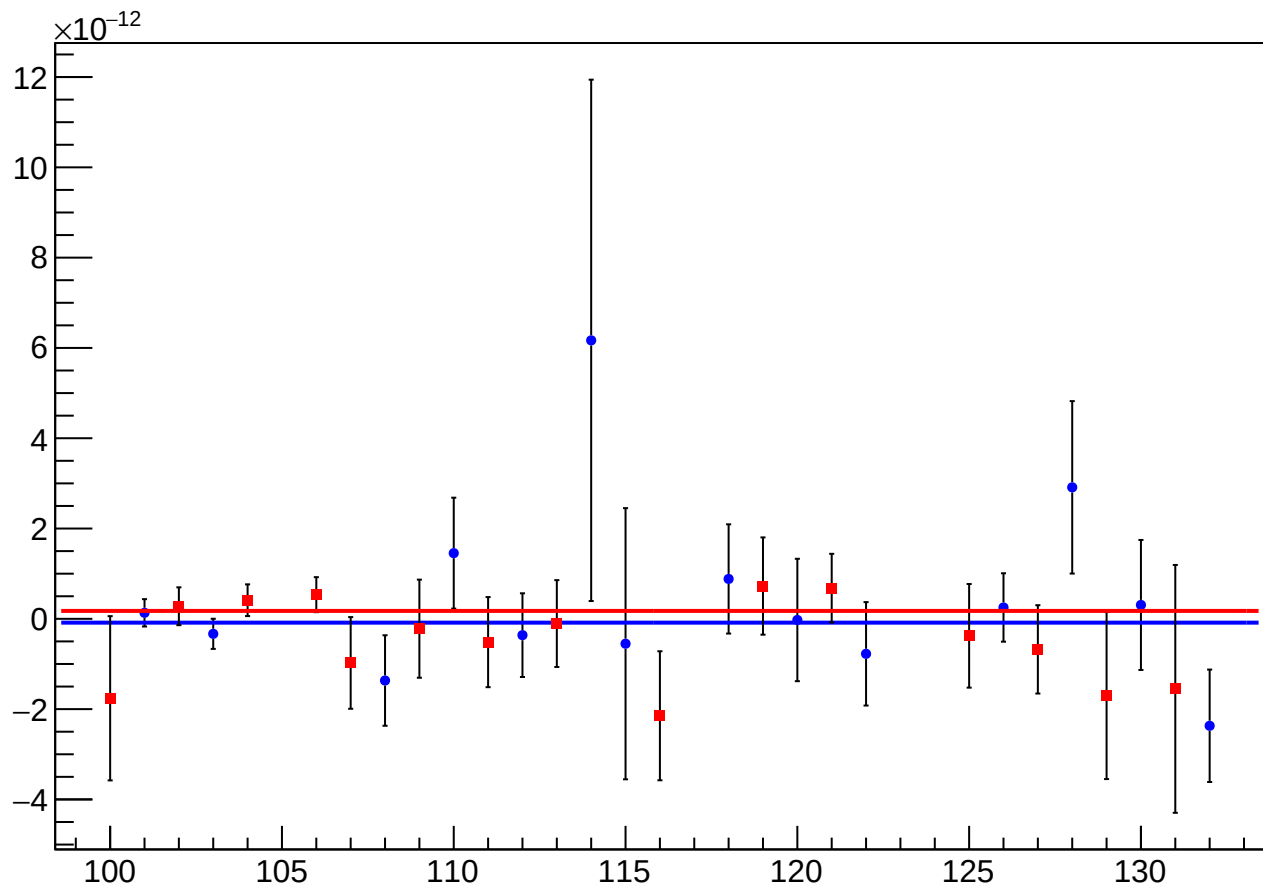
Right: 7812.618+/-1.672 χ^2/NDF : 1846054.0/28

In: 8571.346+/-2.521 χ^2/NDF : 270729.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7812.618+/-1.672 χ^2/NDF : 1846054.0/28

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

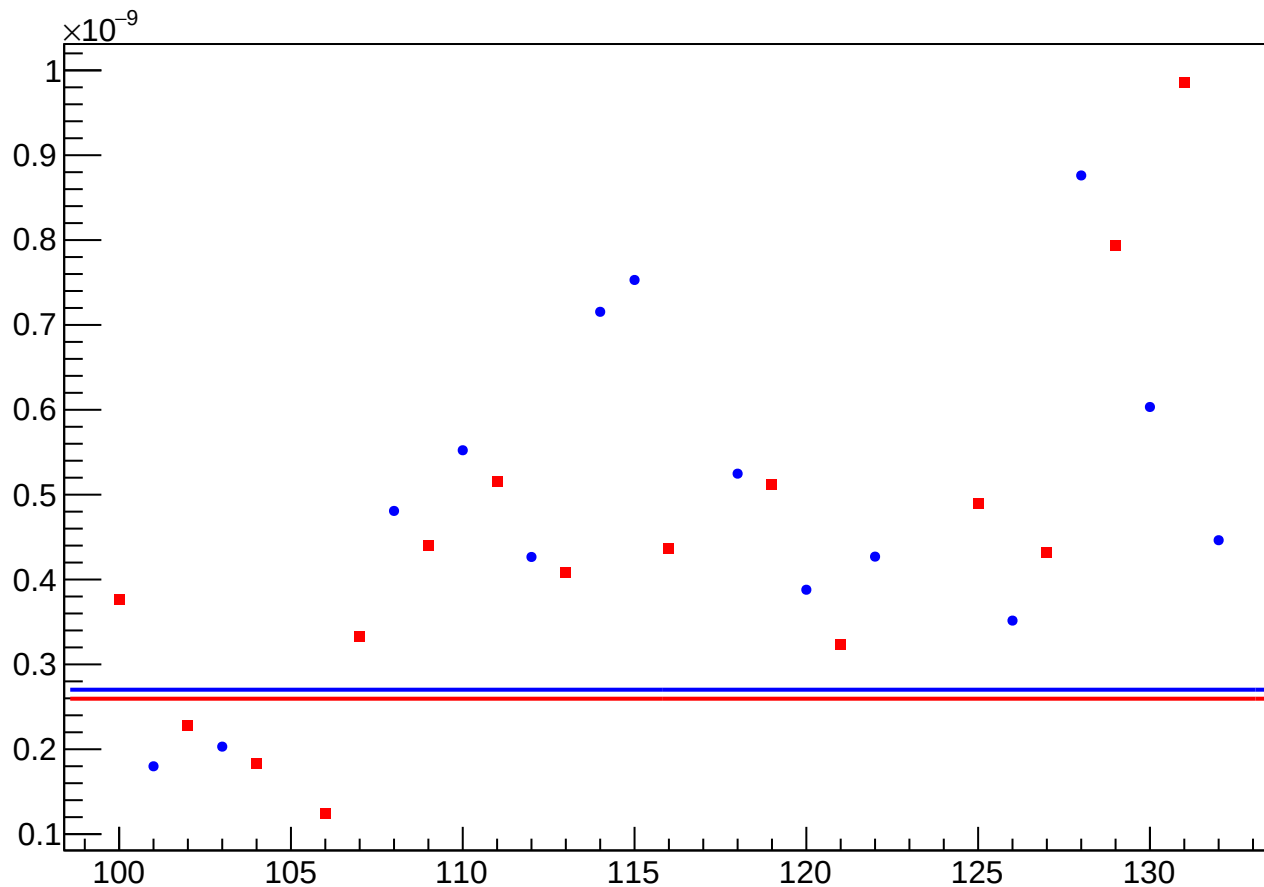
Right: 0.000+/-0.000 χ^2/NDF : 23.9/28

In: -0.000+/-0.000 χ^2/NDF : 12.7/13

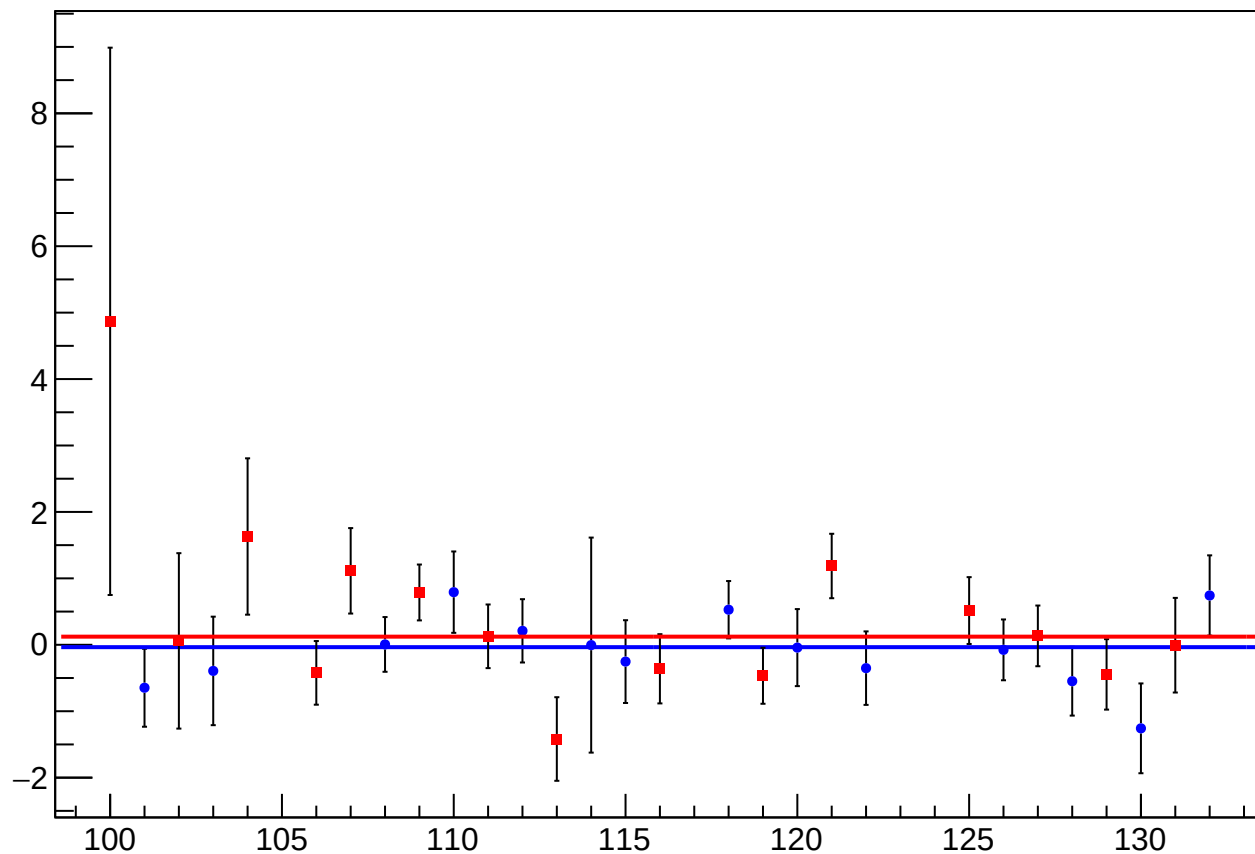
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.9/28

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.036 ± 0.148 χ^2/NDF : 11.4/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.123 ± 0.144 χ^2/NDF : 24.6/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

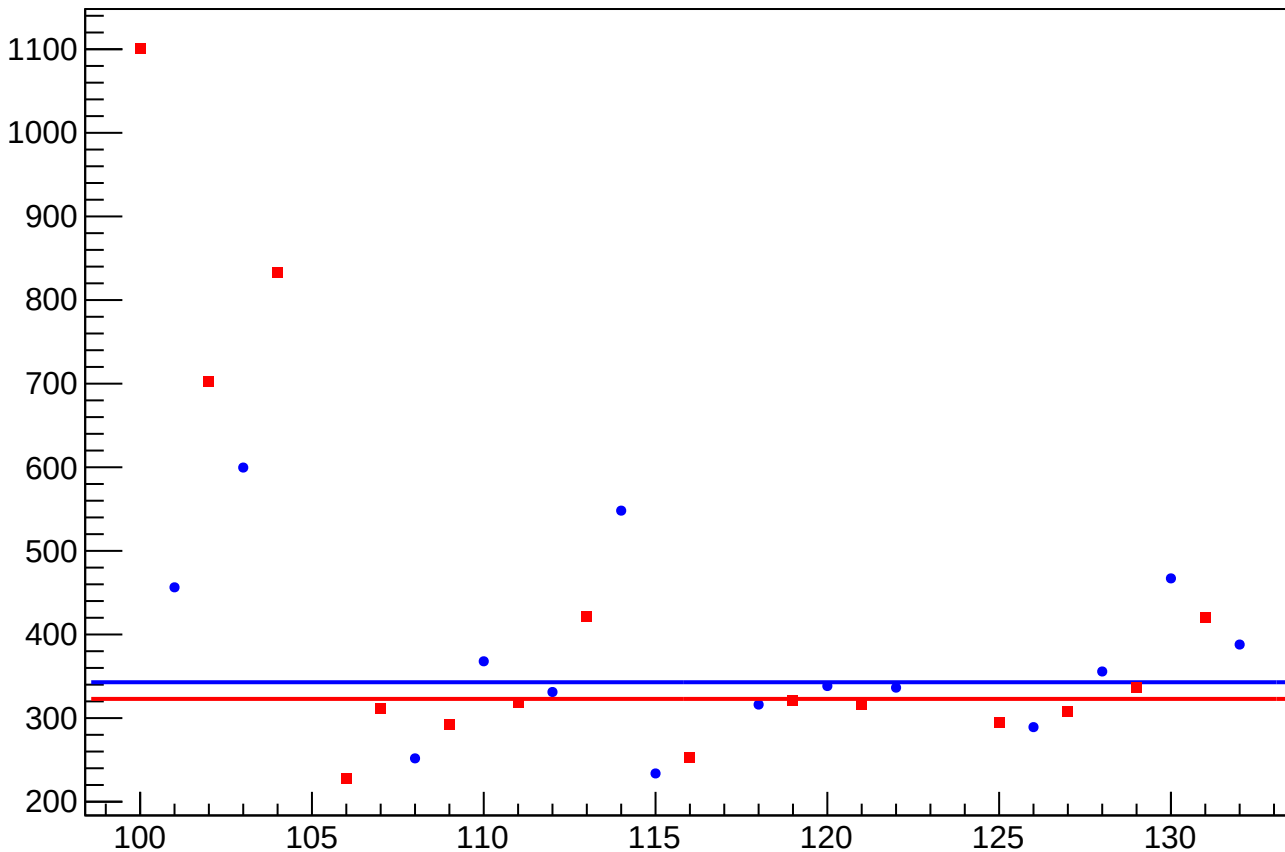
Right: 0.046 ± 0.103 χ^2/NDF : 36.6/28

In: -0.036 ± 0.148 χ^2/NDF : 11.4/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.046 ± 0.103 χ^2/NDF : 36.6/28

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 342.886+/-0.105 χ^2/NDF : 583710.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 322.952+/-0.102 χ^2/NDF : 835901.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

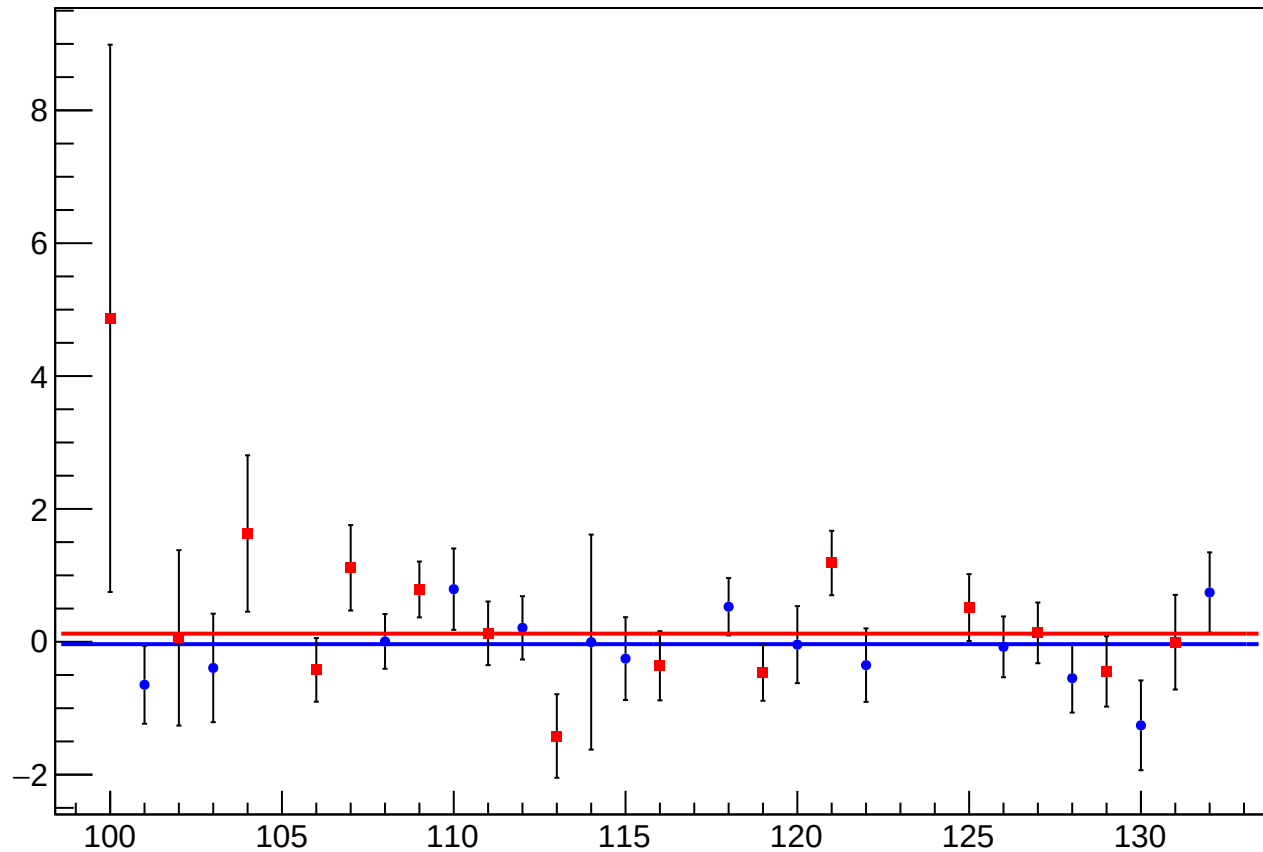
Right: 332.585+/-0.073 χ^2/NDF : 1438242.3/28

In: 342.886+/-0.105 χ^2/NDF : 583710.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 332.585+/-0.073 χ^2/NDF : 1438242.3/28

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.036±/0.148 χ^2/NDF : 11.4/13

Left Out: 0.000±/0.000 χ^2/NDF :0.0/0

Right Out: 0.123±/0.144 χ^2/NDF : 24.6/14

Left In: 0.000±/0.000 χ^2/NDF :0.0/0

Left: 0.000±/0.000 χ^2/NDF : 0.0/0

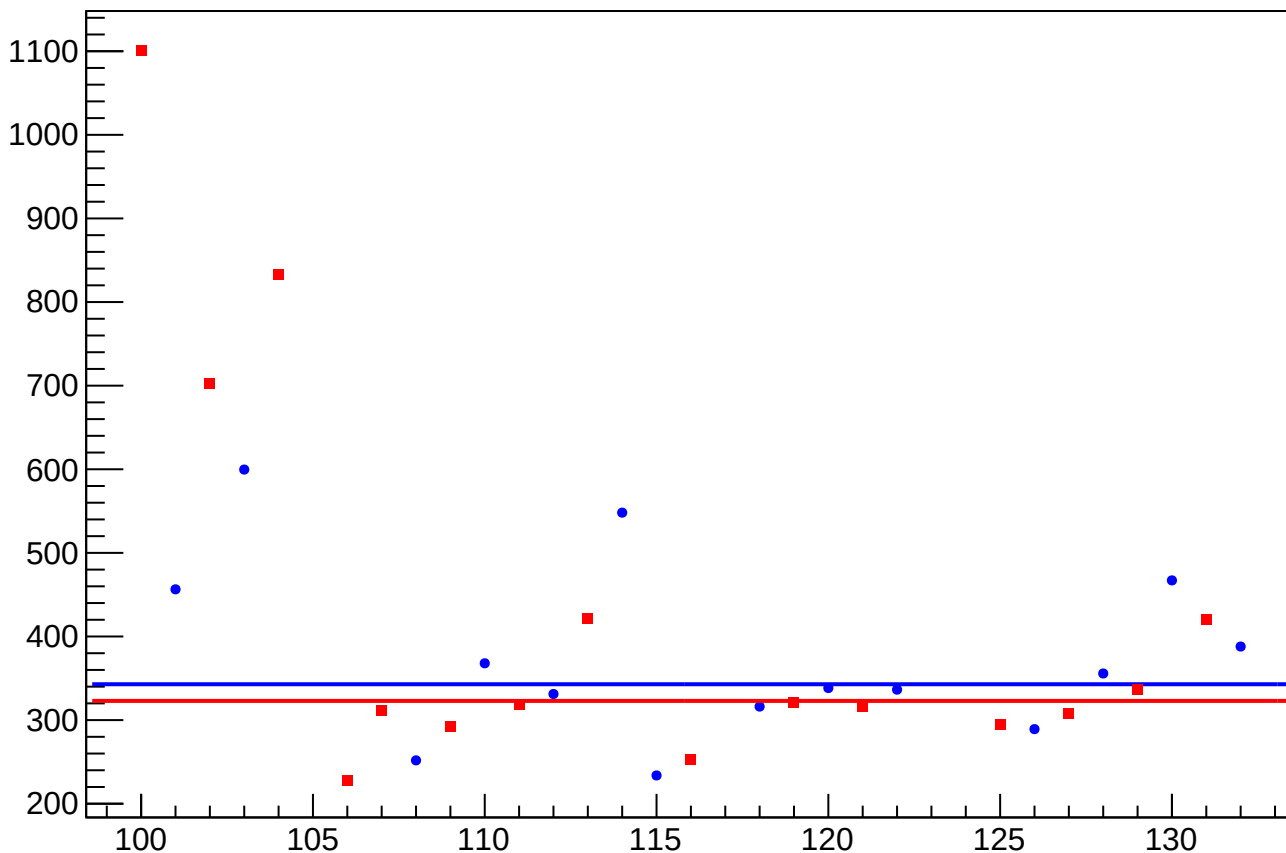
Right: 0.046±/0.103 χ^2/NDF : 36.6/28

In: -0.036±/0.148 χ^2/NDF :11.4/13

Out: 0.000±/0.000 χ^2/NDF :0.0/0

All: 0.046±/0.103 χ^2/NDF : 36.6/28

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 342.886 $\pm$ 0.105 χ^2 /NDF: 583710.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 322.952 $\pm$ 0.102 χ^2 /NDF: 835901.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

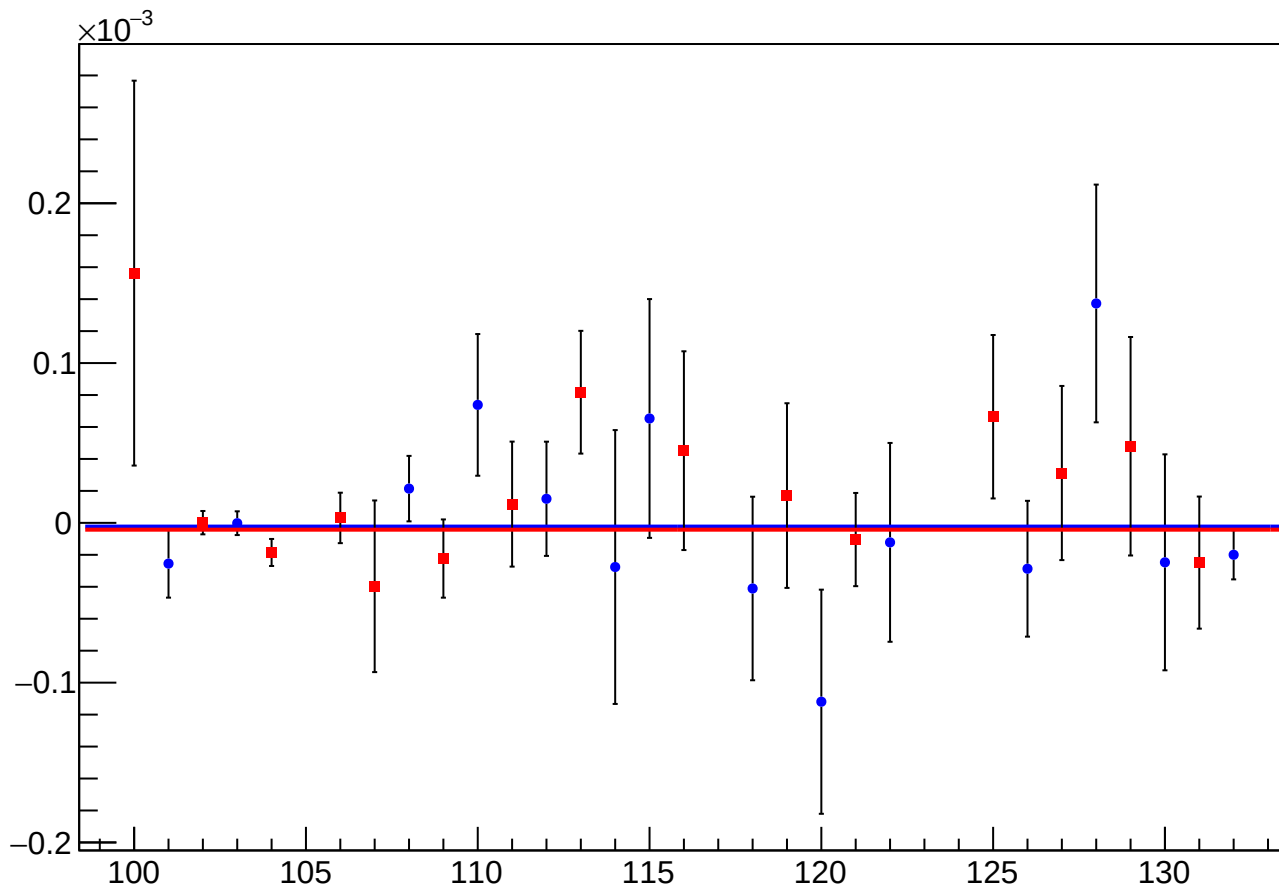
Right: 332.585 $\pm$ 0.073 χ^2 /NDF: 1438242.3/28

In: 342.886 $\pm$ 0.105 χ^2 /NDF:583710.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 332.585 $\pm$ 0.073 χ^2 /NDF: 1438242.3/28

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

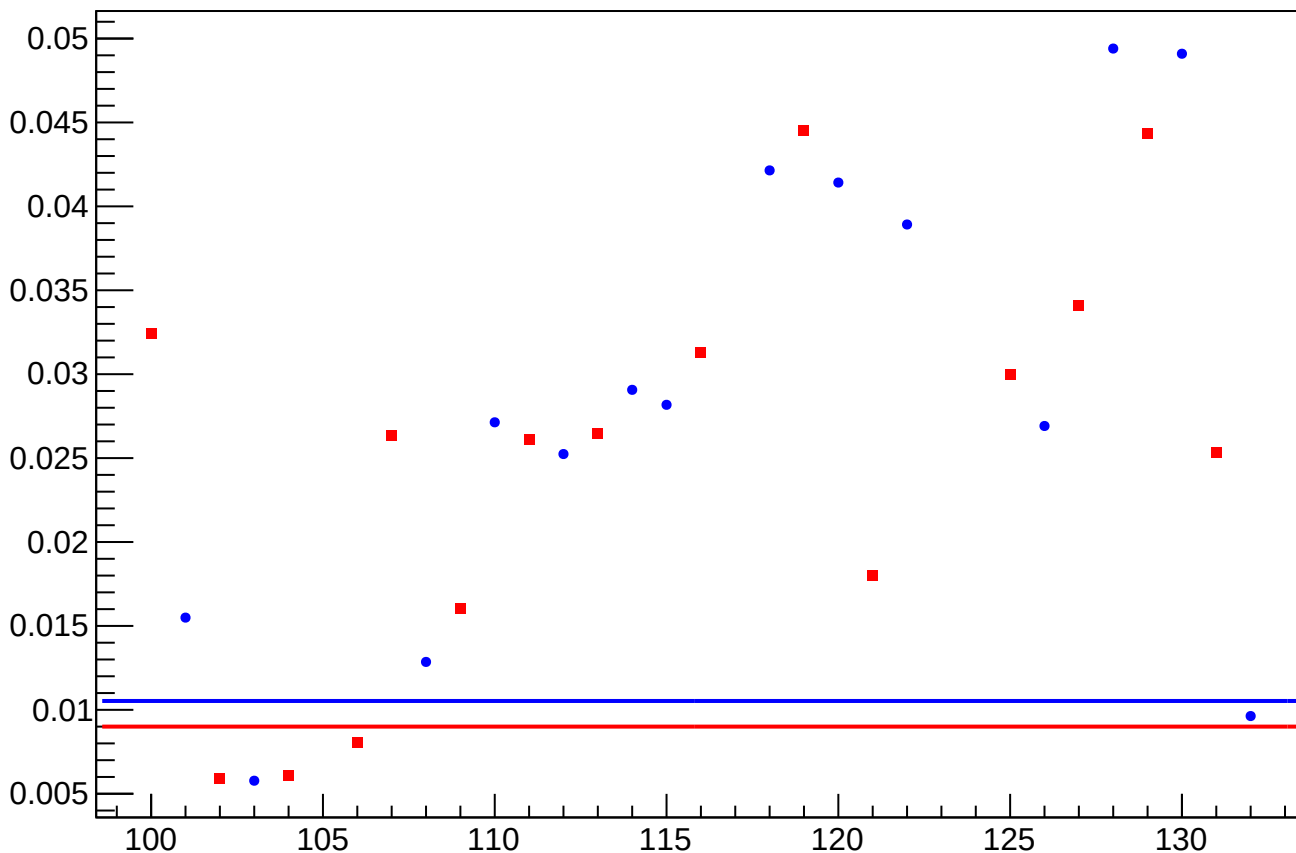
Right: -0.000+/-0.000 χ^2/NDF : 30.4/28

In: -0.000+/-0.000 χ^2/NDF : 15.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.4/28

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000

χ^2/NDF : 4689381.1/13

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000

χ^2/NDF : 4663765.4/14

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.010+/-0.000

χ^2/NDF : 9436281.6/28

In: 0.011+/-0.000

χ^2/NDF : 4689381.1/13

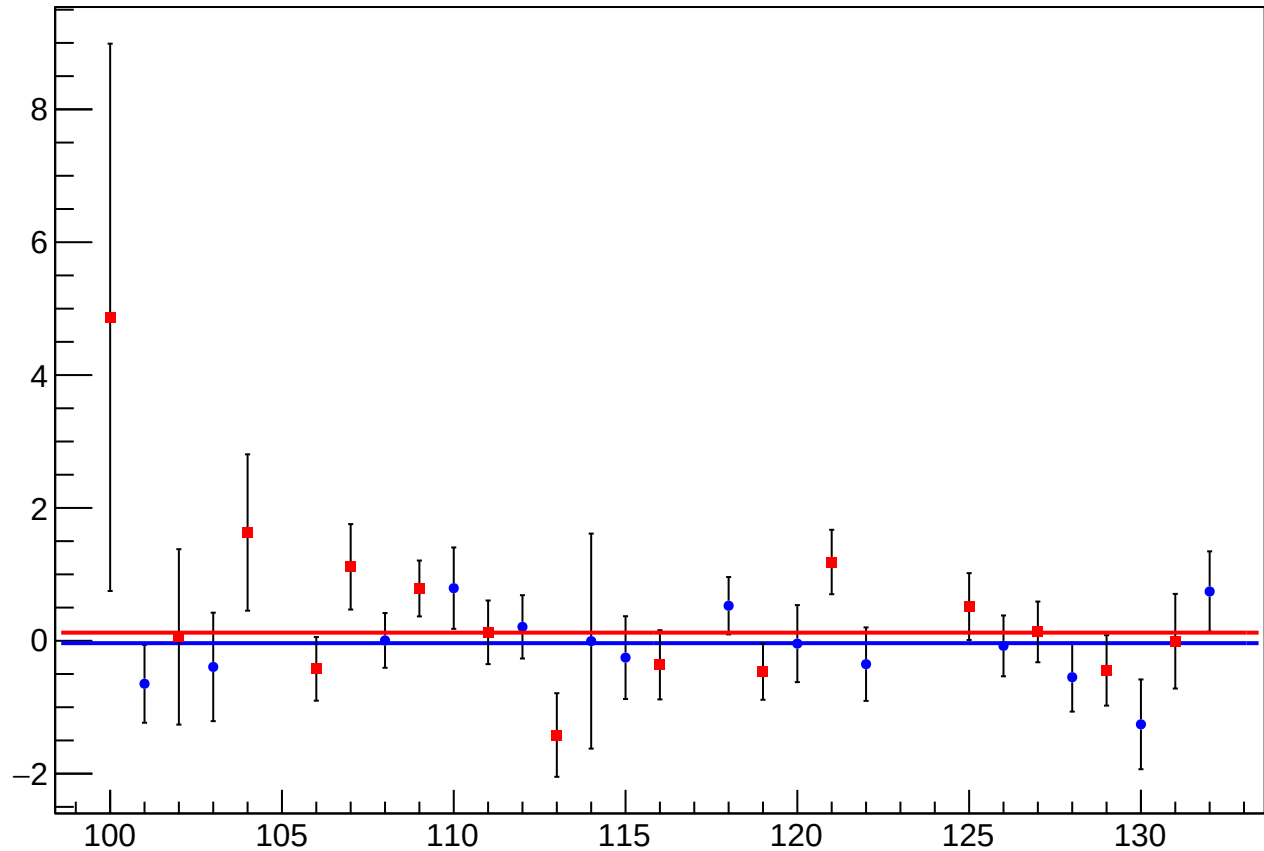
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.010+/-0.000

χ^2/NDF : 9436281.6/28

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.036 ± 0.148 χ^2/NDF : 11.4/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.123 ± 0.144 χ^2/NDF : 24.6/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

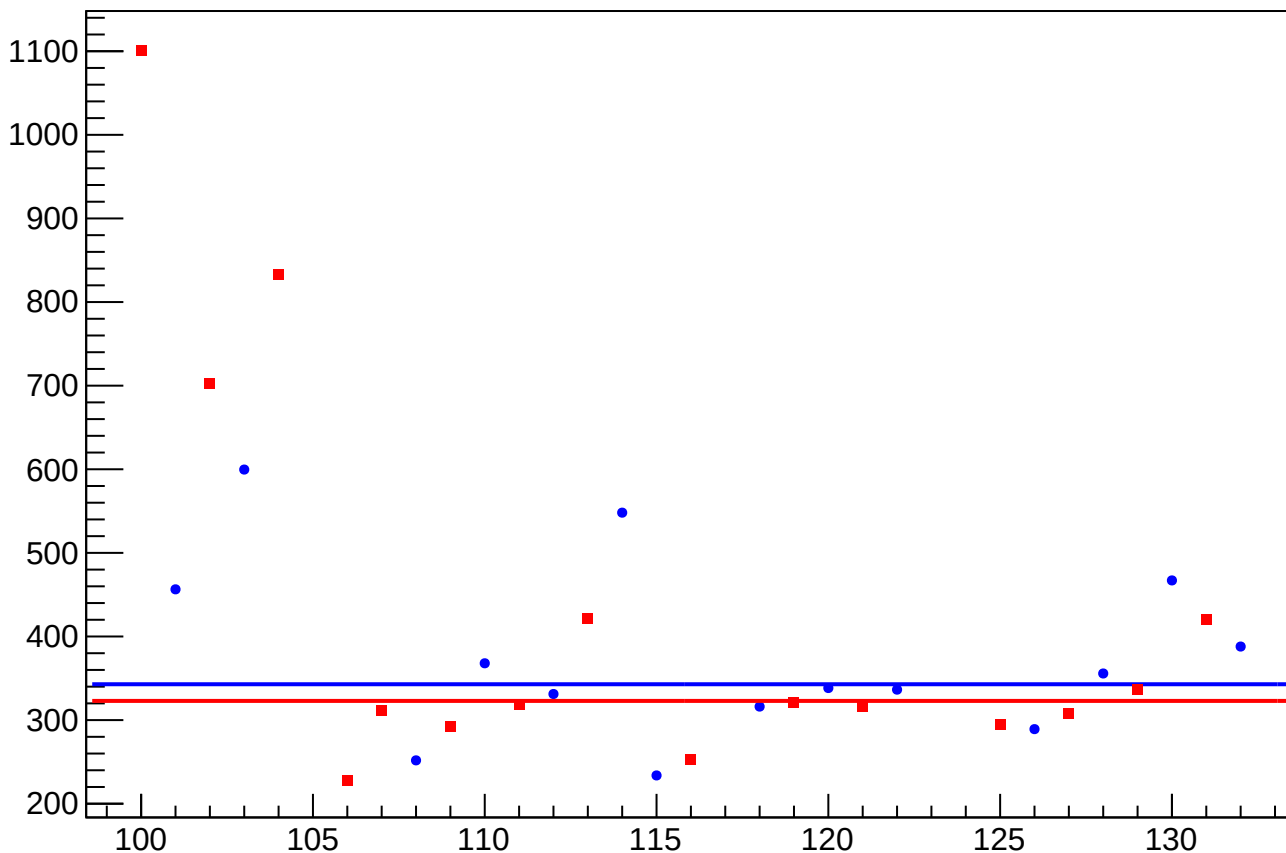
Right: 0.046 ± 0.103 χ^2/NDF : 36.6/28

In: -0.036 ± 0.148 χ^2/NDF : 11.4/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.046 ± 0.103 χ^2/NDF : 36.6/28

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 342.884 $\pm$ 0.105 χ^2 /NDF: 583656.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 322.949 $\pm$ 0.102 χ^2 /NDF: 835878.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

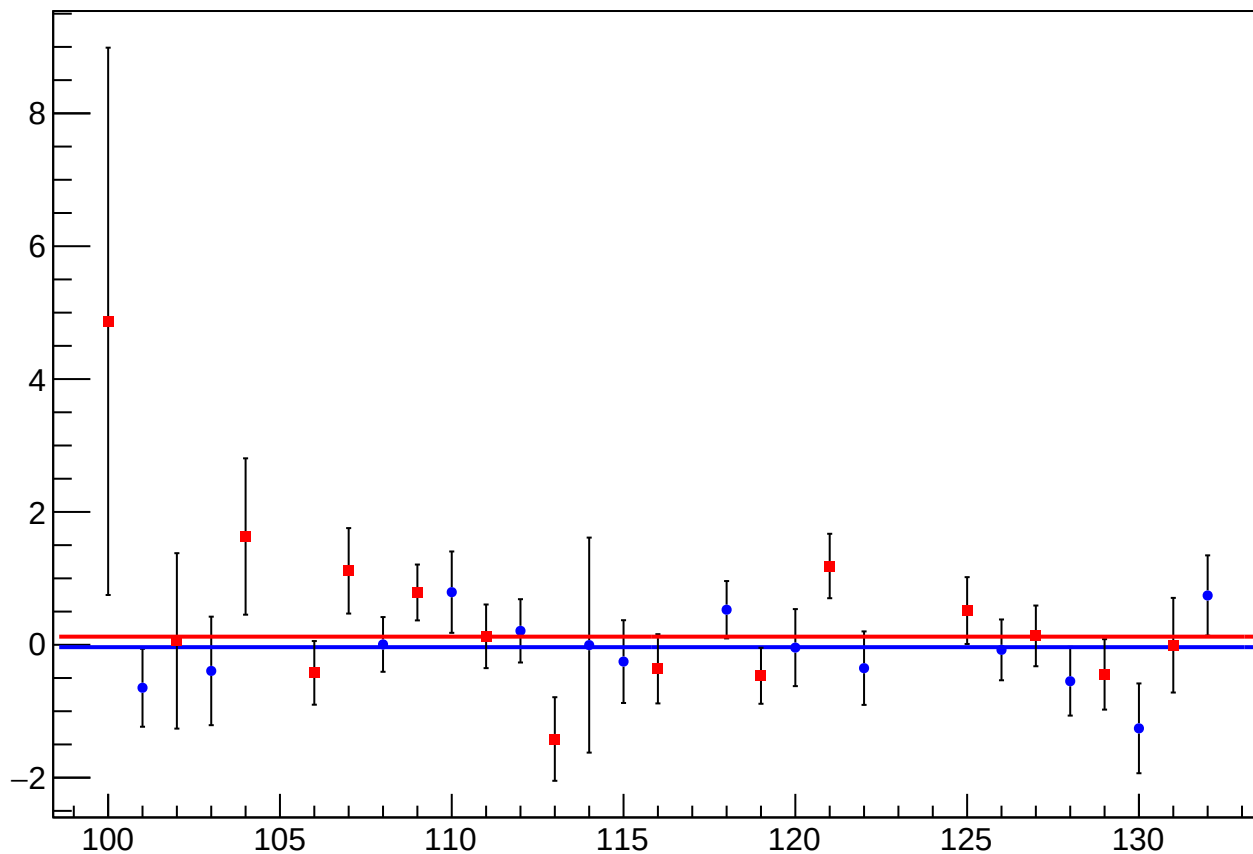
Right: 332.583 $\pm$ 0.073 χ^2 /NDF: 1438166.8/28

In: 342.884 $\pm$ 0.105 χ^2 /NDF:583656.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 332.583 $\pm$ 0.073 χ^2 /NDF: 1438166.8/28

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.036+/-0.148 χ^2/NDF : 11.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.123+/-0.144 χ^2/NDF : 24.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

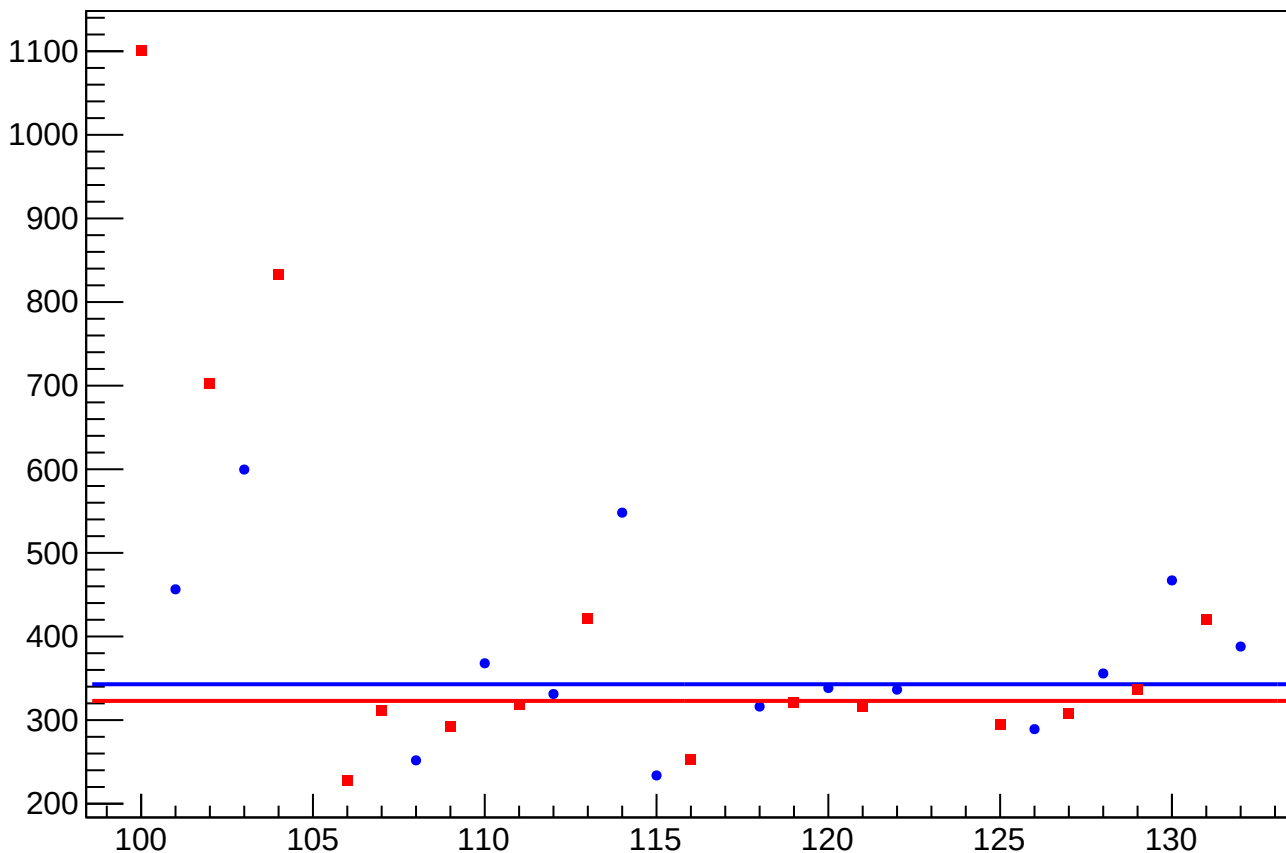
Right: 0.046+/-0.103 χ^2/NDF : 36.6/28

In: -0.036+/-0.148 χ^2/NDF : 11.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.046+/-0.103 χ^2/NDF : 36.6/28

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 342.884+/-0.105 χ^2/NDF : 583656.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 322.949+/-0.102 χ^2/NDF : 835878.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

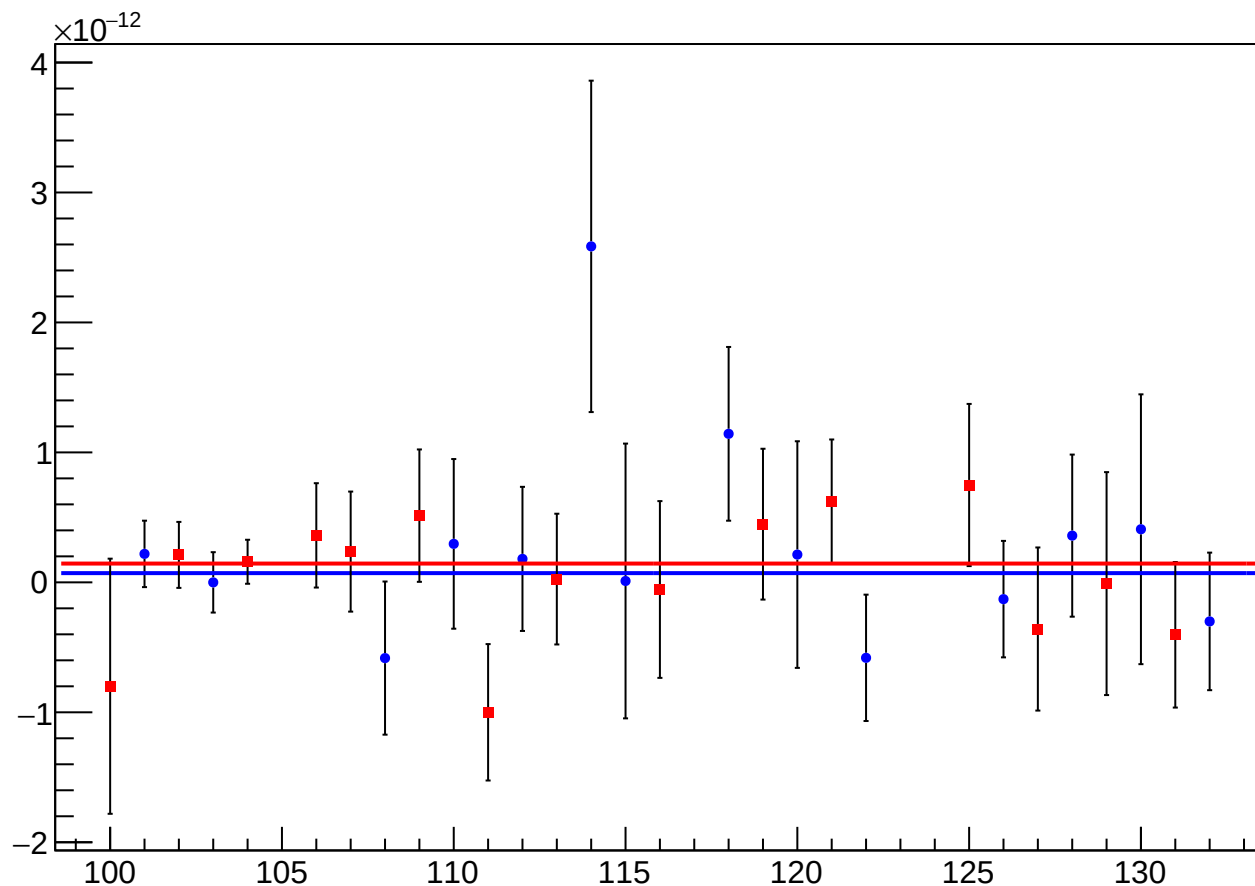
Right: 332.583+/-0.073 χ^2/NDF : 1438166.8/28

In: 342.884+/-0.105 χ^2/NDF : 583656.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 332.583+/-0.073 χ^2/NDF : 1438166.8/28

asym_us_avg_at2lr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

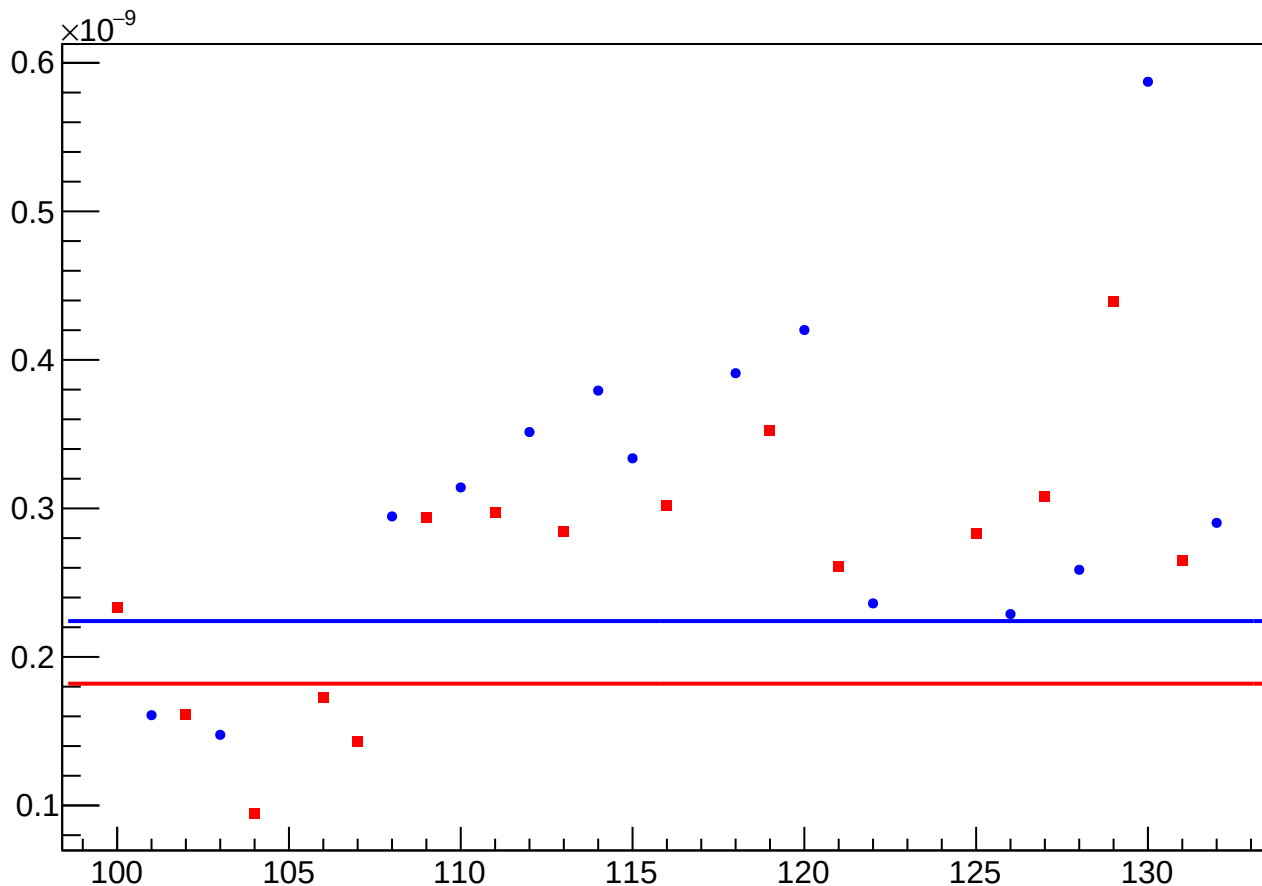
Right: 0.000+/-0.000 χ^2/NDF : 21.9/28

In: 0.000+/-0.000 χ^2/NDF : 11.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.9/28

asym_us_avg_at2lr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1072540.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1490193.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

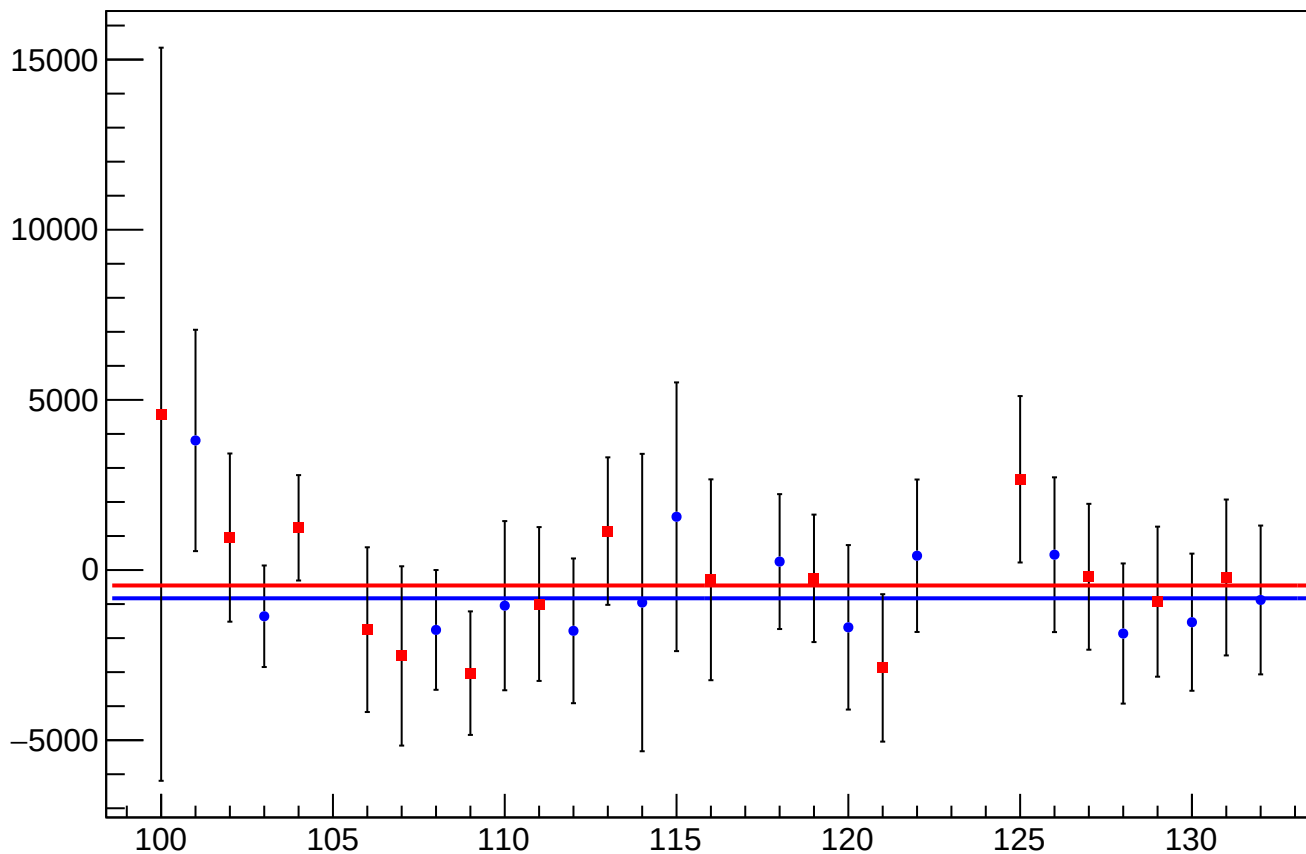
Right: 0.000+/-0.000 χ^2/NDF : 2696877.1/28

In: 0.000+/-0.000 χ^2/NDF : 1072540.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2696877.1/28

reg_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -830.095+/-589.681 χ^2/NDF : 4.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -453.635+/-576.346 χ^2/NDF : 8.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

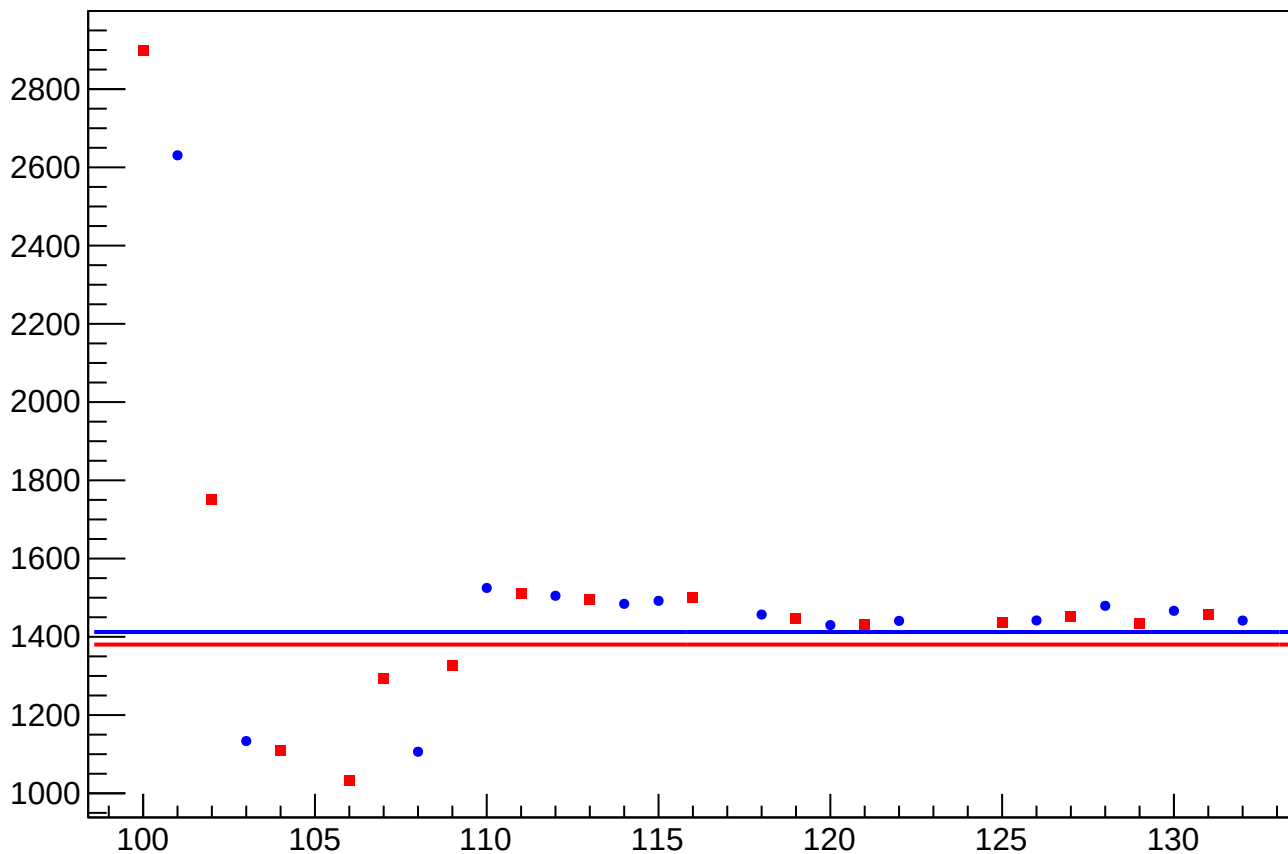
Right: -637.560+/-412.172 χ^2/NDF : 12.9/28

In: -830.095+/-589.681 χ^2/NDF : 4.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -637.560+/-412.172 χ^2/NDF : 12.9/28

reg_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1412.229+/-0.417 χ^2/NDF : 425948.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1380.218+/-0.404 χ^2/NDF : 228452.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

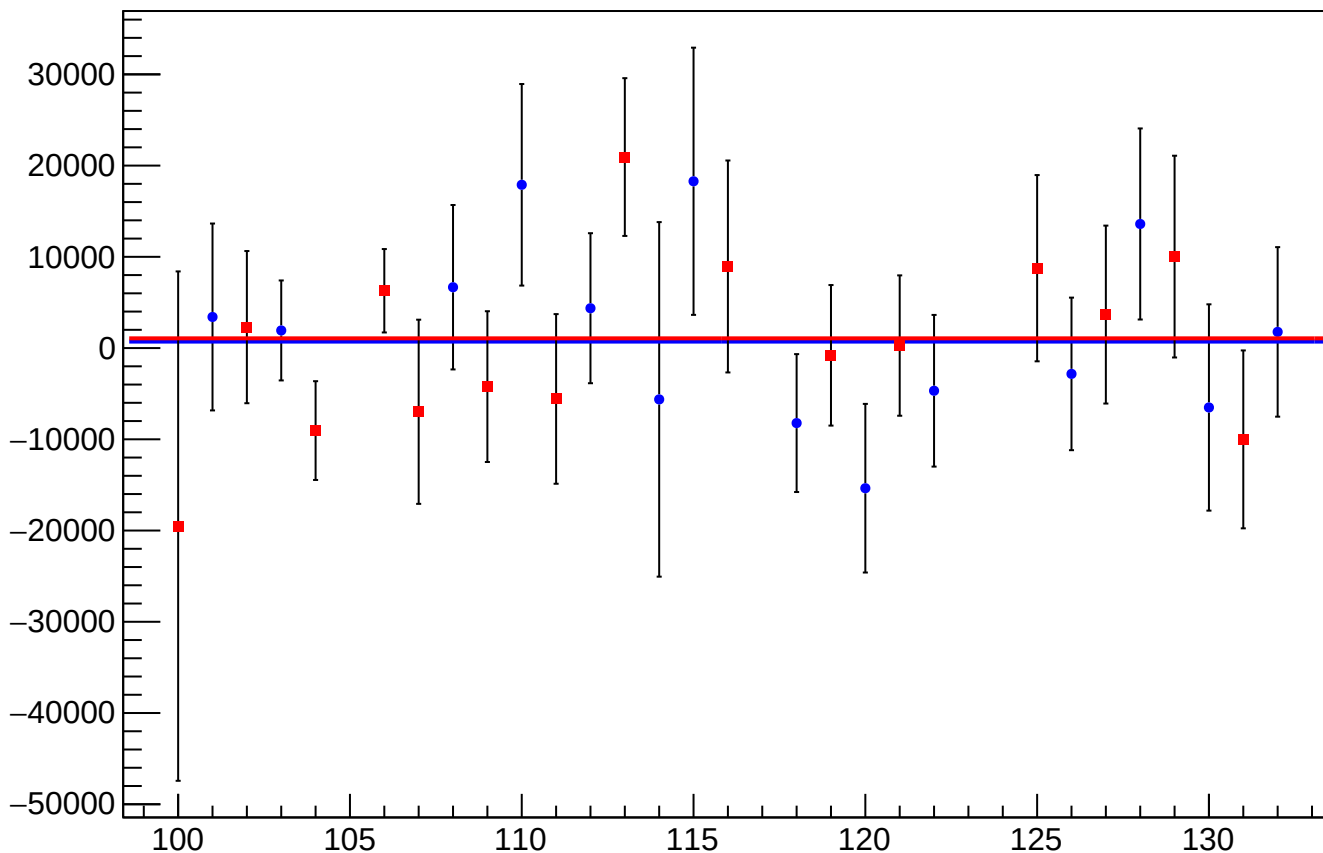
Right: 1395.726+/-0.290 χ^2/NDF : 657439.6/28

In: 1412.229+/-0.417 χ^2/NDF : 425948.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1395.726+/-0.290 χ^2/NDF : 657439.6/28

asym_us_avg_at2lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 710.676 $\pm$ 2411.279 χ^2 /NDF: 11.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1065.824 $\pm$ 2098.721 χ^2 /NDF: 15.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

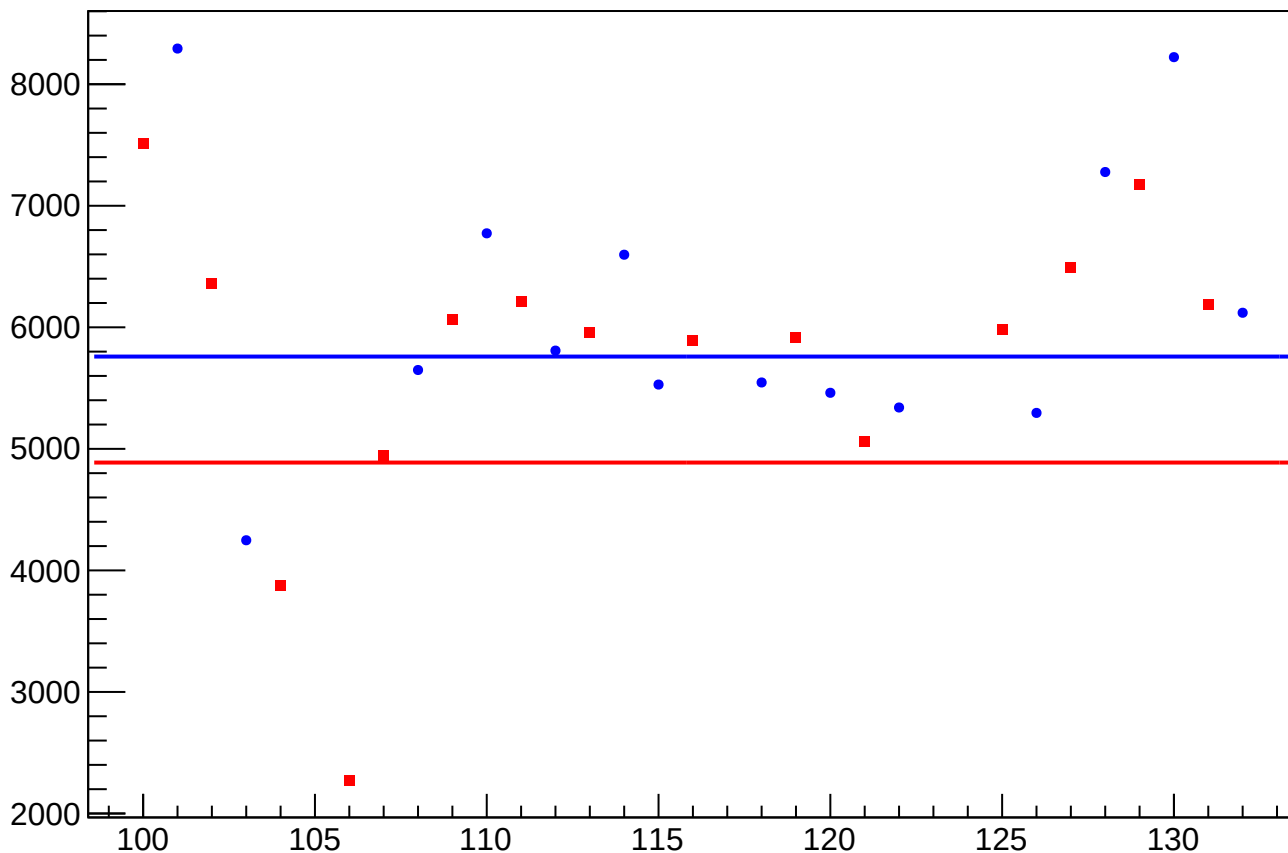
Right: 912.745 $\pm$ 1583.070 χ^2 /NDF: 27.0/28

In: 710.676 $\pm$ 2411.279 χ^2 /NDF:11.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 912.745 $\pm$ 1583.070 χ^2 /NDF: 27.0/28

asym_us_avg_at2lr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 5759.345+/-1.705 χ^2/NDF : 450977.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4887.274+/-1.484 χ^2/NDF : 1165664.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

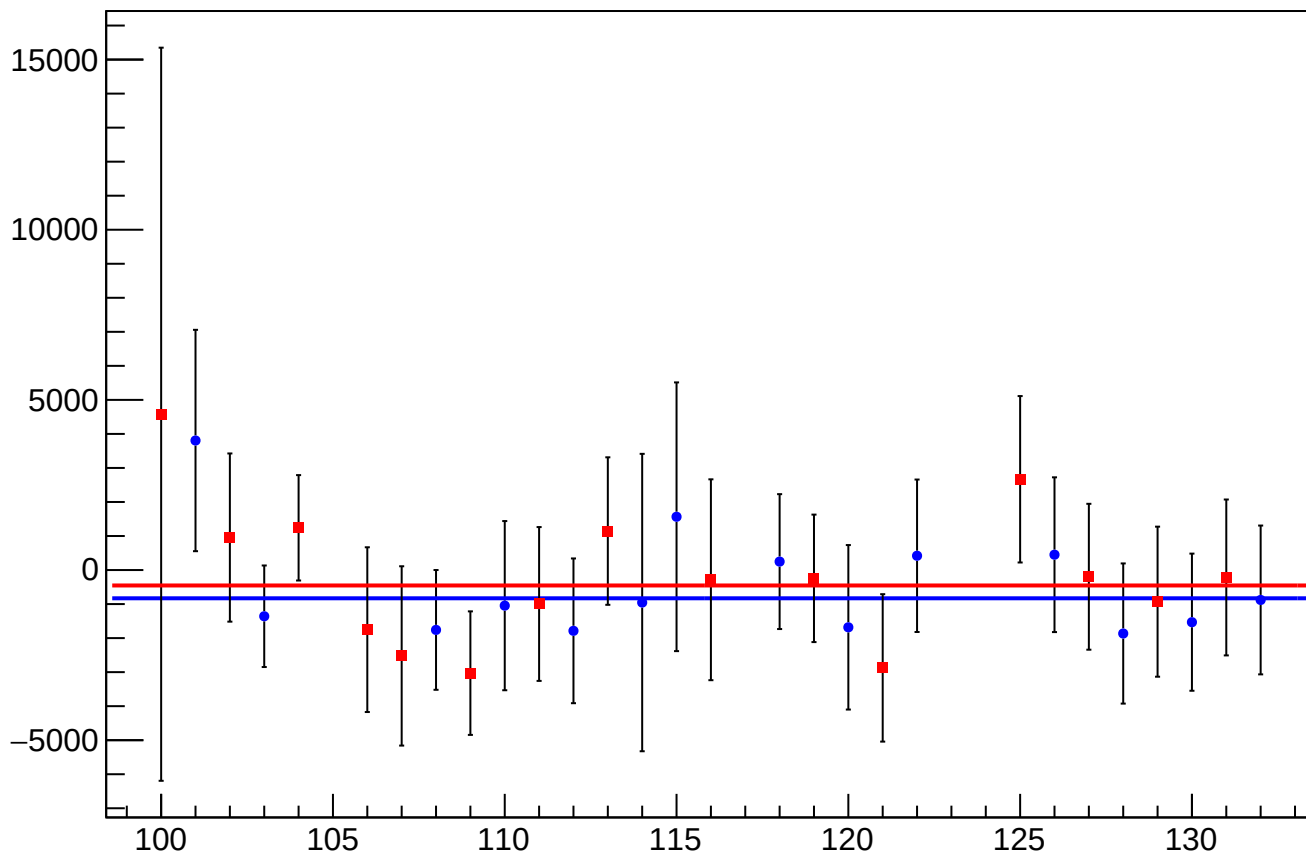
Right: 5263.161+/-1.119 χ^2/NDF : 1765484.8/28

In: 5759.345+/-1.705 χ^2/NDF : 450977.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5263.161+/-1.119 χ^2/NDF : 1765484.8/28

cor_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -830.169+/-589.681 χ^2/NDF : 4.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -453.448+/-576.346 χ^2/NDF : 8.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

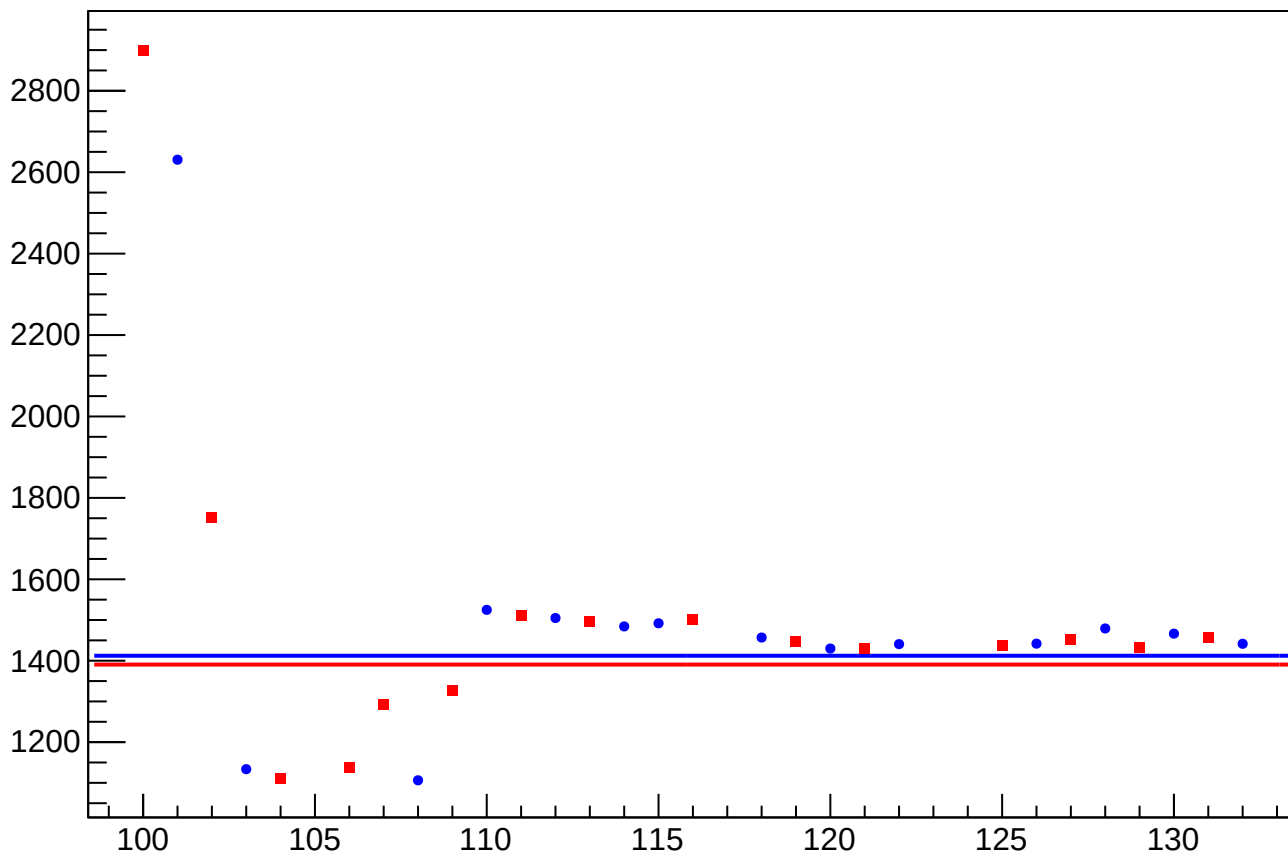
Right: -637.501+/-412.172 χ^2/NDF : 12.9/28

In: -830.169+/-589.681 χ^2/NDF : 4.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -637.501+/-412.172 χ^2/NDF : 12.9/28

cor_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1412.229+/-0.417 χ^2/NDF : 425948.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1390.531+/-0.407 χ^2/NDF : 196800.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

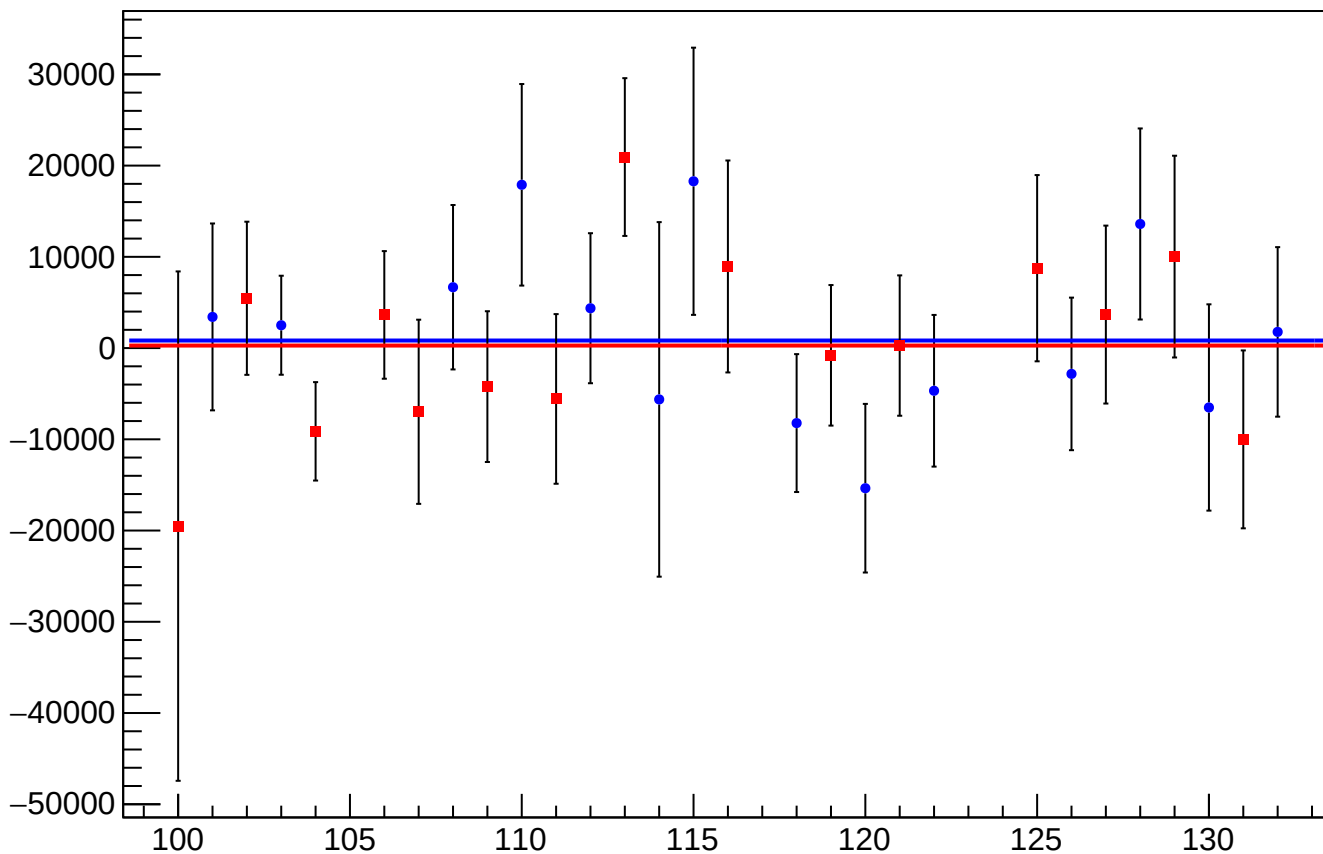
Right: 1401.105+/-0.291 χ^2/NDF : 624137.1/28

In: 1412.229+/-0.417 χ^2/NDF : 425948.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1401.105+/-0.291 χ^2/NDF : 624137.1/28

asym_us_avg_at2lr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 827.894 $\pm$ 2406.753 χ^2 /NDF: 11.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 275.779 $\pm$ 2237.826 χ^2 /NDF: 14.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

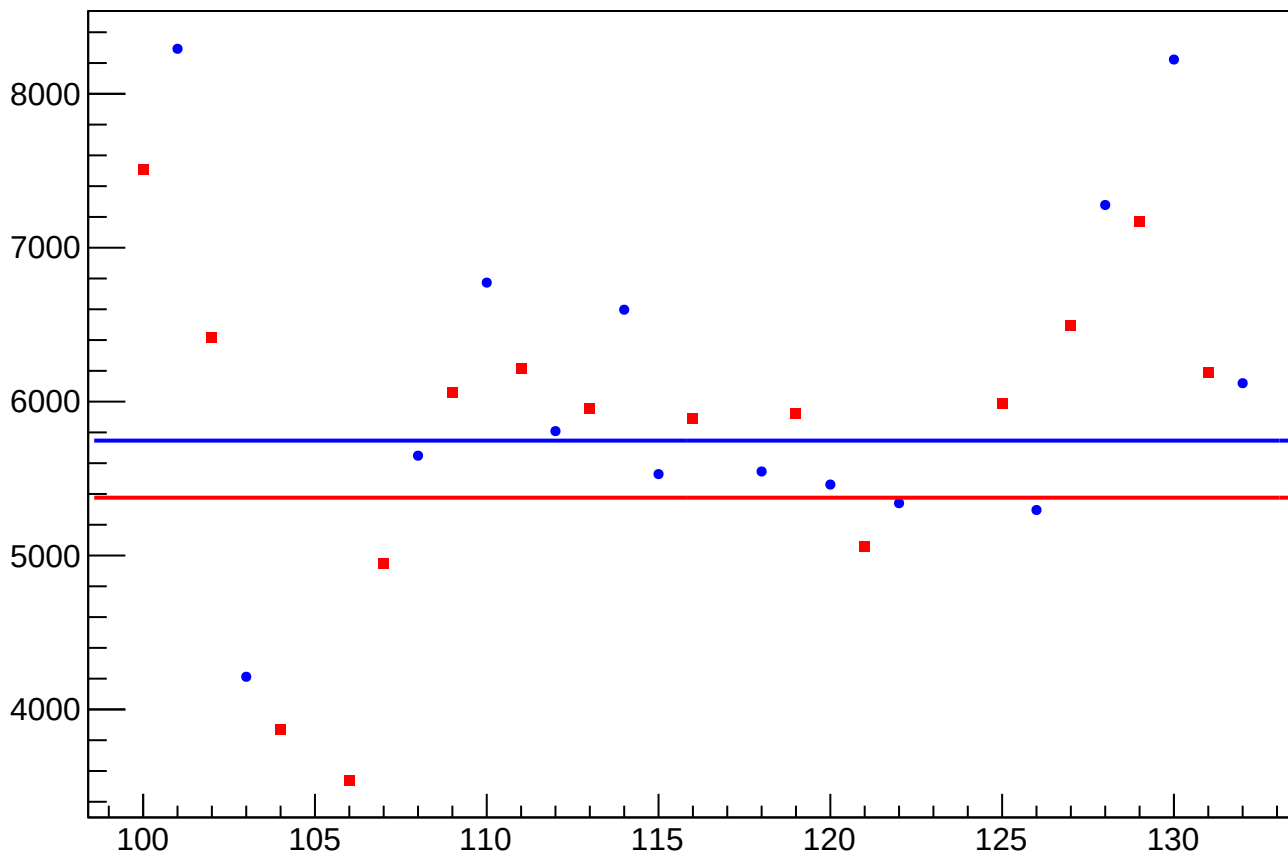
Right: 531.783 $\pm$ 1638.851 χ^2 /NDF: 26.1/28

In: 827.894 $\pm$ 2406.753 χ^2 /NDF:11.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 531.783 $\pm$ 1638.851 χ^2 /NDF: 26.1/28

asym_us_avg_at2lr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 5746.634+/-1.702 χ^2/NDF : 461243.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5375.793+/-1.582 χ^2/NDF : 496456.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

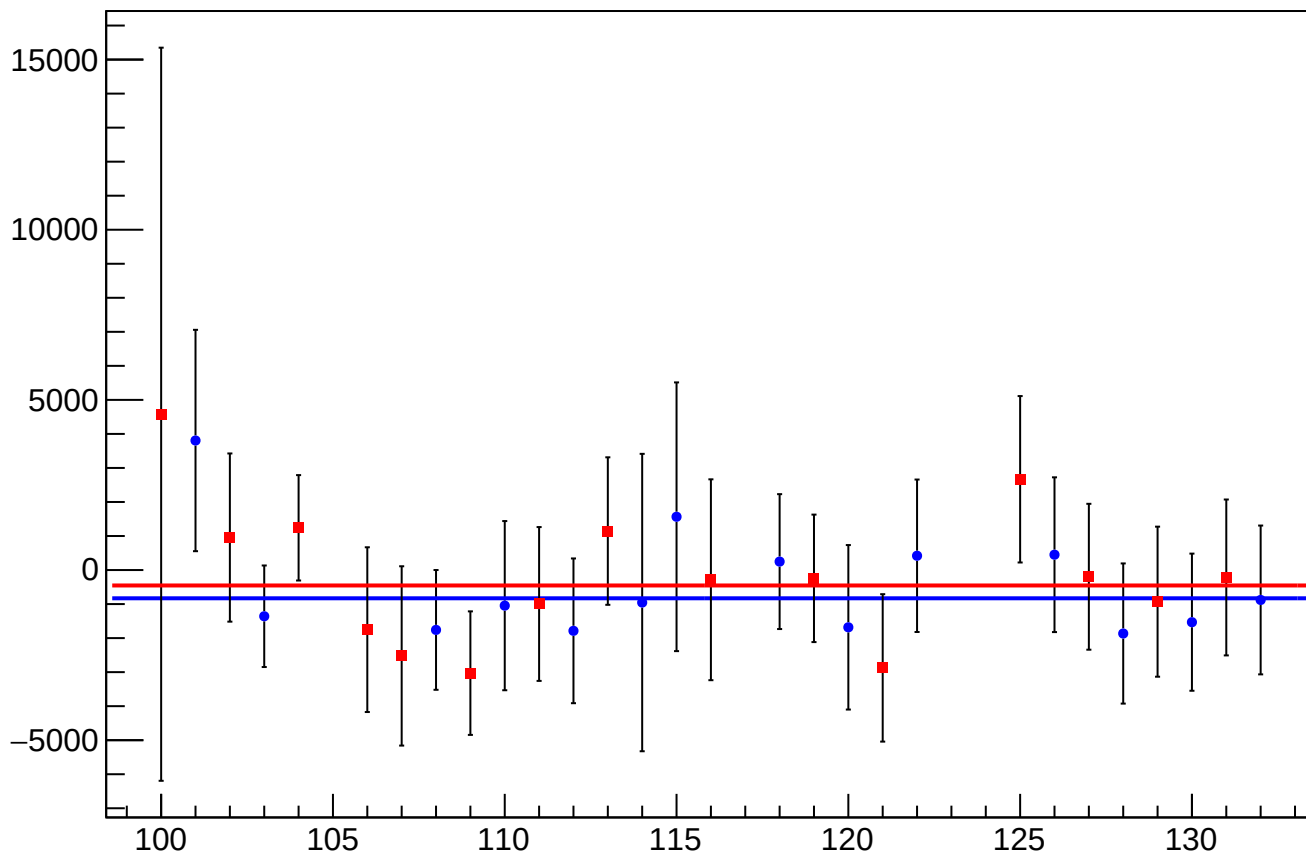
Right: 5547.744+/-1.159 χ^2/NDF : 983166.4/28

In: 5746.634+/-1.702 χ^2/NDF : 461243.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5547.744+/-1.159 χ^2/NDF : 983166.4/28

eigen_cor_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -830.169+/-589.681 χ^2/NDF : 4.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -453.448+/-576.346 χ^2/NDF : 8.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

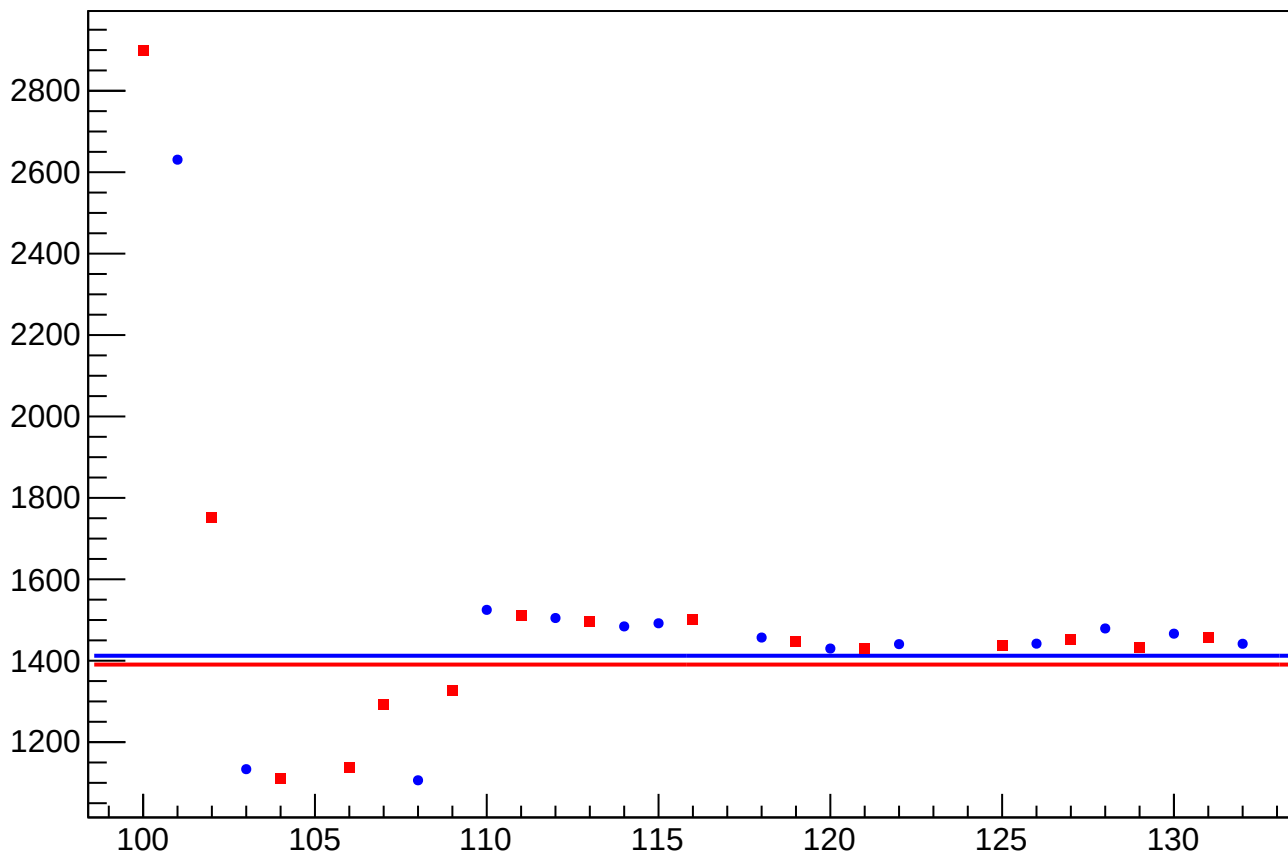
Right: -637.501+/-412.172 χ^2/NDF : 12.9/28

In: -830.169+/-589.681 χ^2/NDF :4.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -637.501+/-412.172 χ^2/NDF : 12.9/28

eigen_cor_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1412.229+/-0.417 χ^2/NDF : 425948.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1390.531+/-0.407 χ^2/NDF : 196800.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

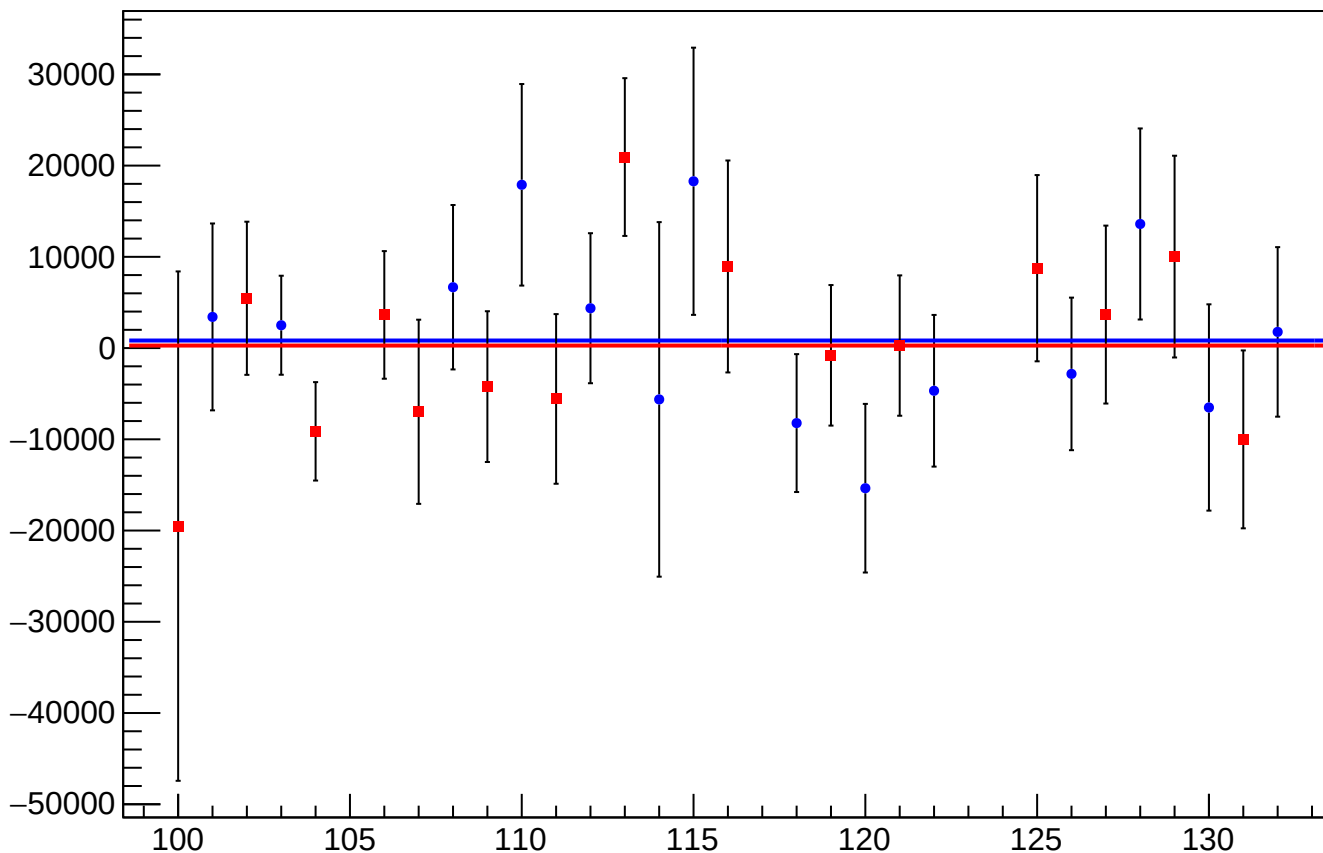
Right: 1401.105+/-0.291 χ^2/NDF : 624137.1/28

In: 1412.229+/-0.417 χ^2/NDF :425948.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1401.105+/-0.291 χ^2/NDF : 624137.1/28

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 827.894 $\pm$ 2406.753 χ^2 /NDF: 11.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 275.779 $\pm$ 2237.826 χ^2 /NDF: 14.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

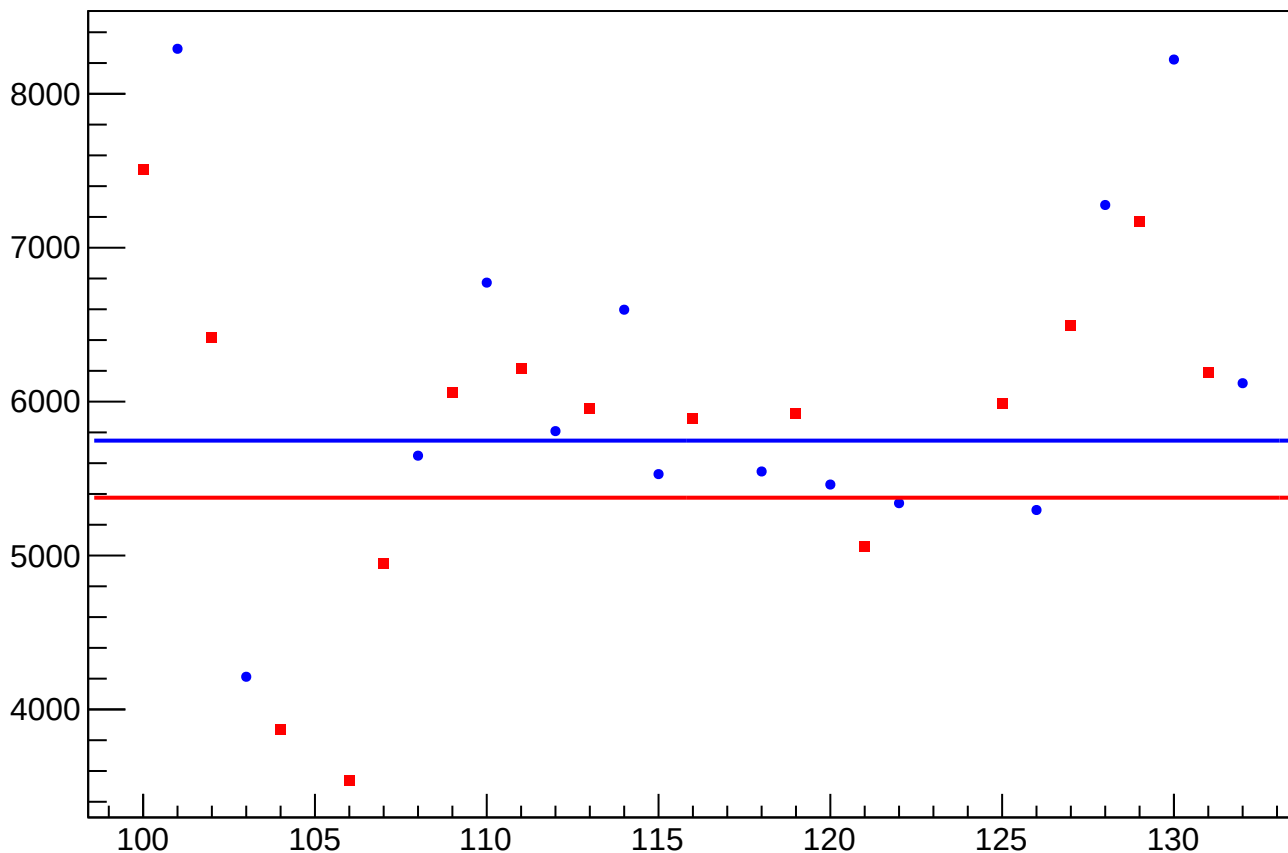
Right: 531.783 $\pm$ 1638.851 χ^2 /NDF: 26.1/28

In: 827.894 $\pm$ 2406.753 χ^2 /NDF:11.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 531.783 $\pm$ 1638.851 χ^2 /NDF: 26.1/28

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 5746.634+/-1.702 χ^2/NDF : 461243.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5375.793+/-1.582 χ^2/NDF : 496456.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

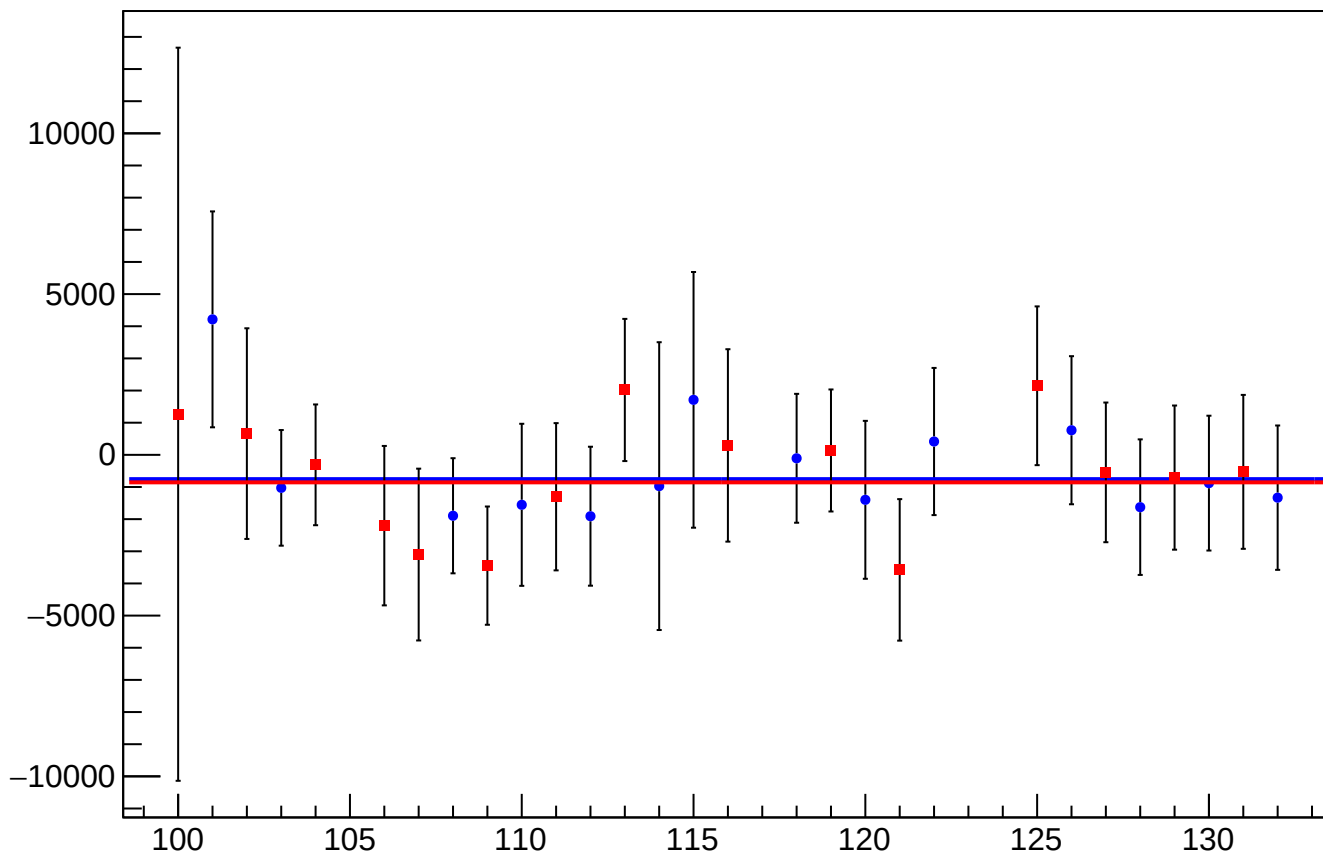
Right: 5547.744+/-1.159 χ^2/NDF : 983166.4/28

In: 5746.634+/-1.702 χ^2/NDF : 461243.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5547.744+/-1.159 χ^2/NDF : 983166.4/28

dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -755.360+/-615.528 χ^2/NDF : 4.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -855.124+/-605.985 χ^2/NDF : 8.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

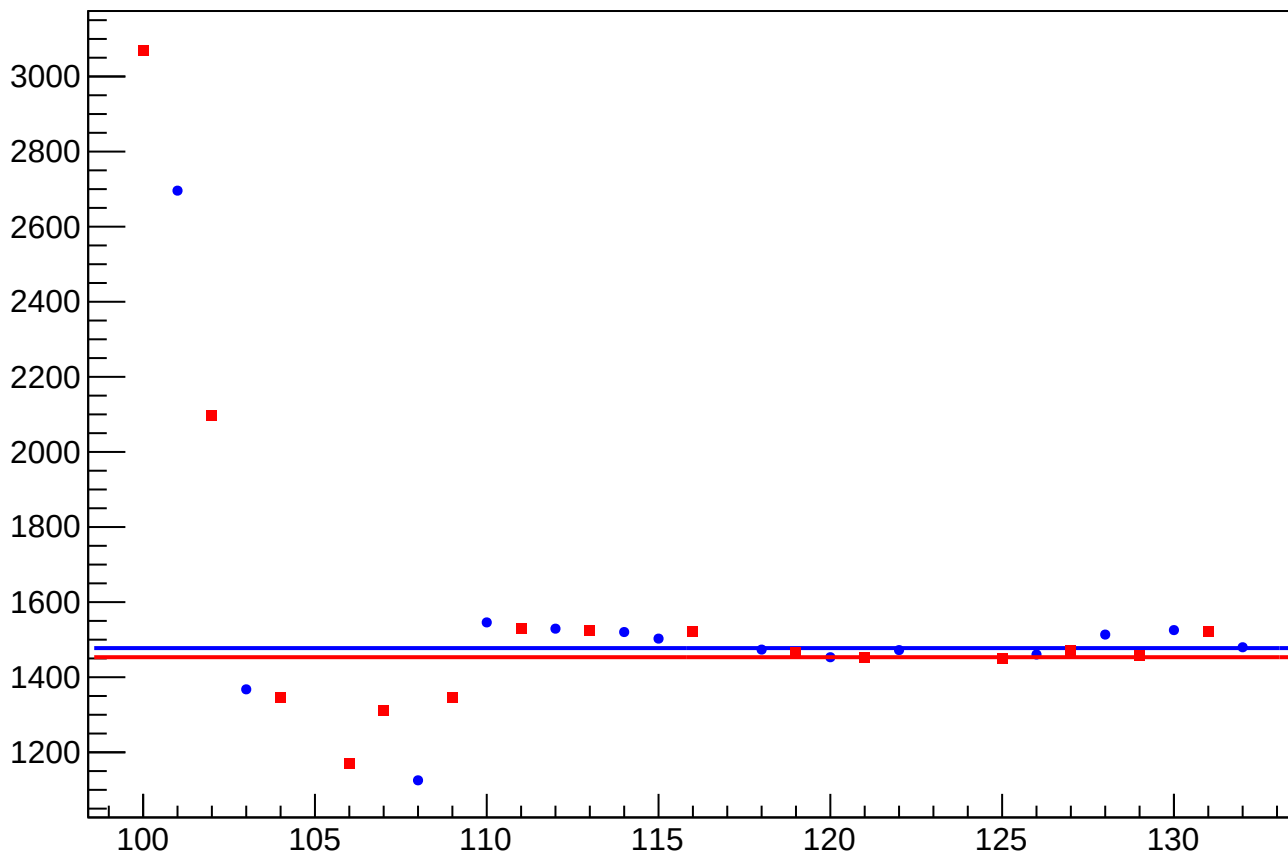
Right: -806.022+/-431.830 χ^2/NDF : 13.0/28

In: -755.360+/-615.528 χ^2/NDF : 4.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -806.022+/-431.830 χ^2/NDF : 13.0/28

dit_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1477.563+/-0.435 χ^2/NDF : 353017.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1453.312+/-0.428 χ^2/NDF : 169845.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

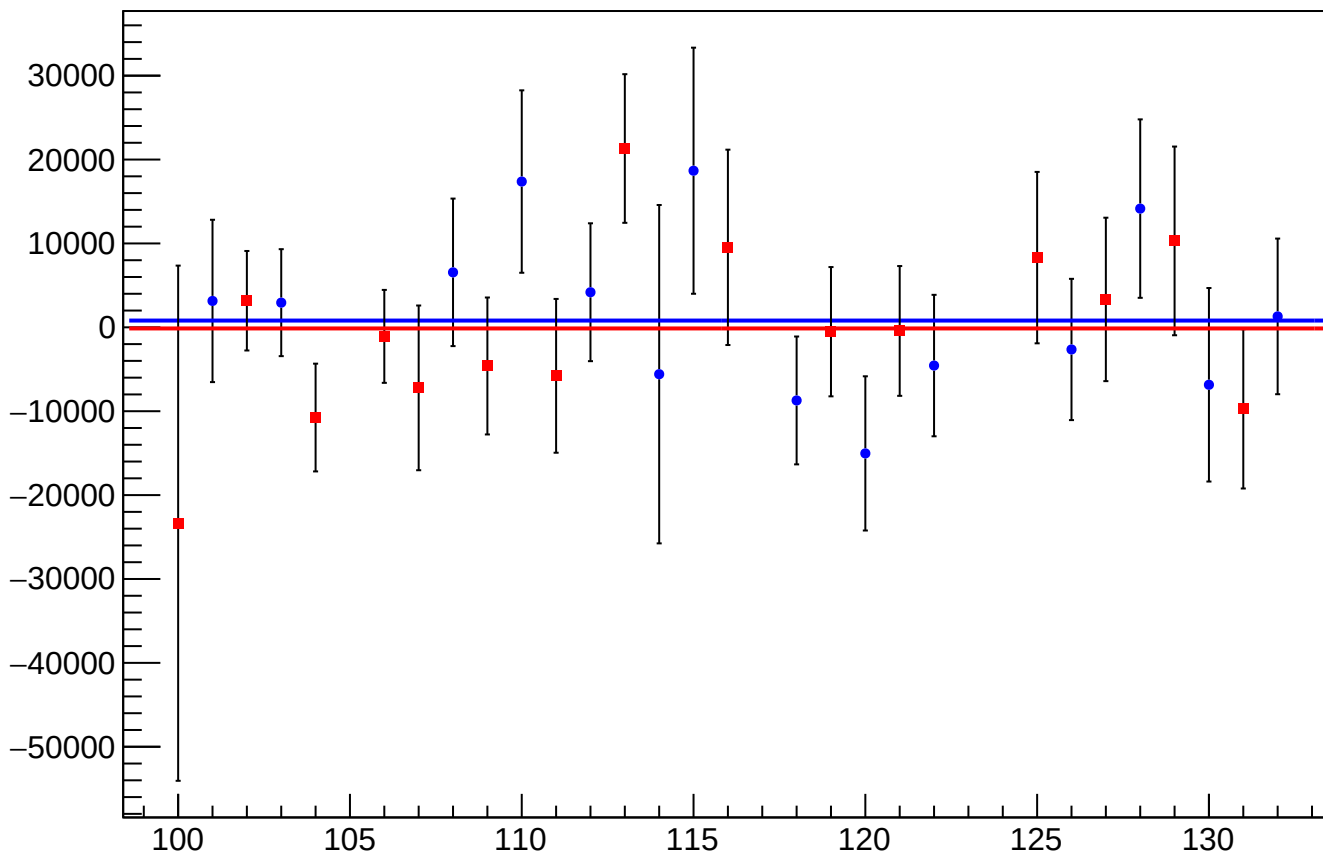
Right: 1465.244+/-0.305 χ^2/NDF : 524440.1/28

In: 1477.563+/-0.435 χ^2/NDF : 353017.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1465.244+/-0.305 χ^2/NDF : 524440.1/28

asym_us_avg_at2lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 806.956 $\pm$ 2470.933 χ^2 /NDF: 11.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -133.974 $\pm$ 2149.781 χ^2 /NDF: 14.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

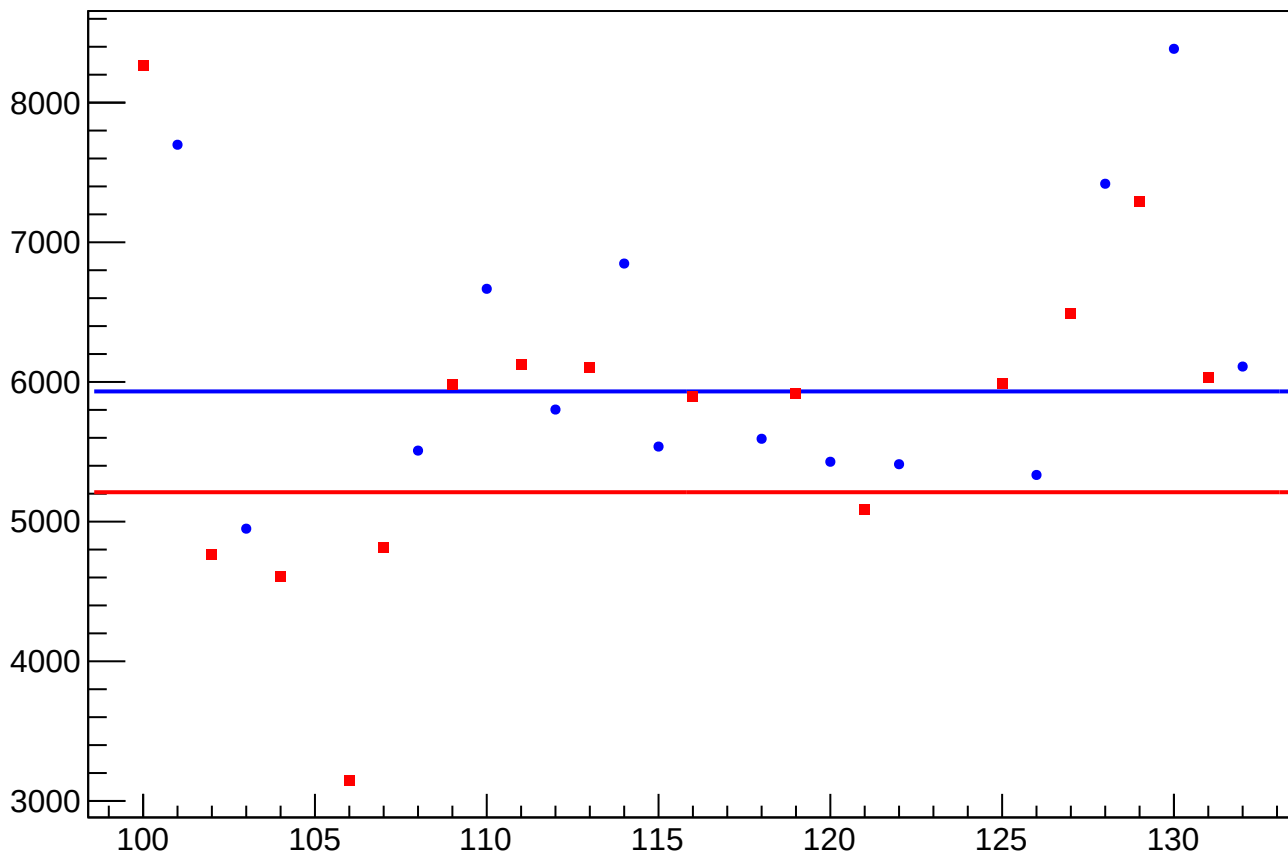
Right: 271.408 $\pm$ 1621.865 χ^2 /NDF: 26.0/28

In: 806.956 $\pm$ 2470.933 χ^2 /NDF:11.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 271.408 $\pm$ 1621.865 χ^2 /NDF: 26.0/28

asym_us_avg_at2lr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 5932.283+/-1.747 χ^2/NDF : 291960.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5210.592+/-1.520 χ^2/NDF : 541140.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

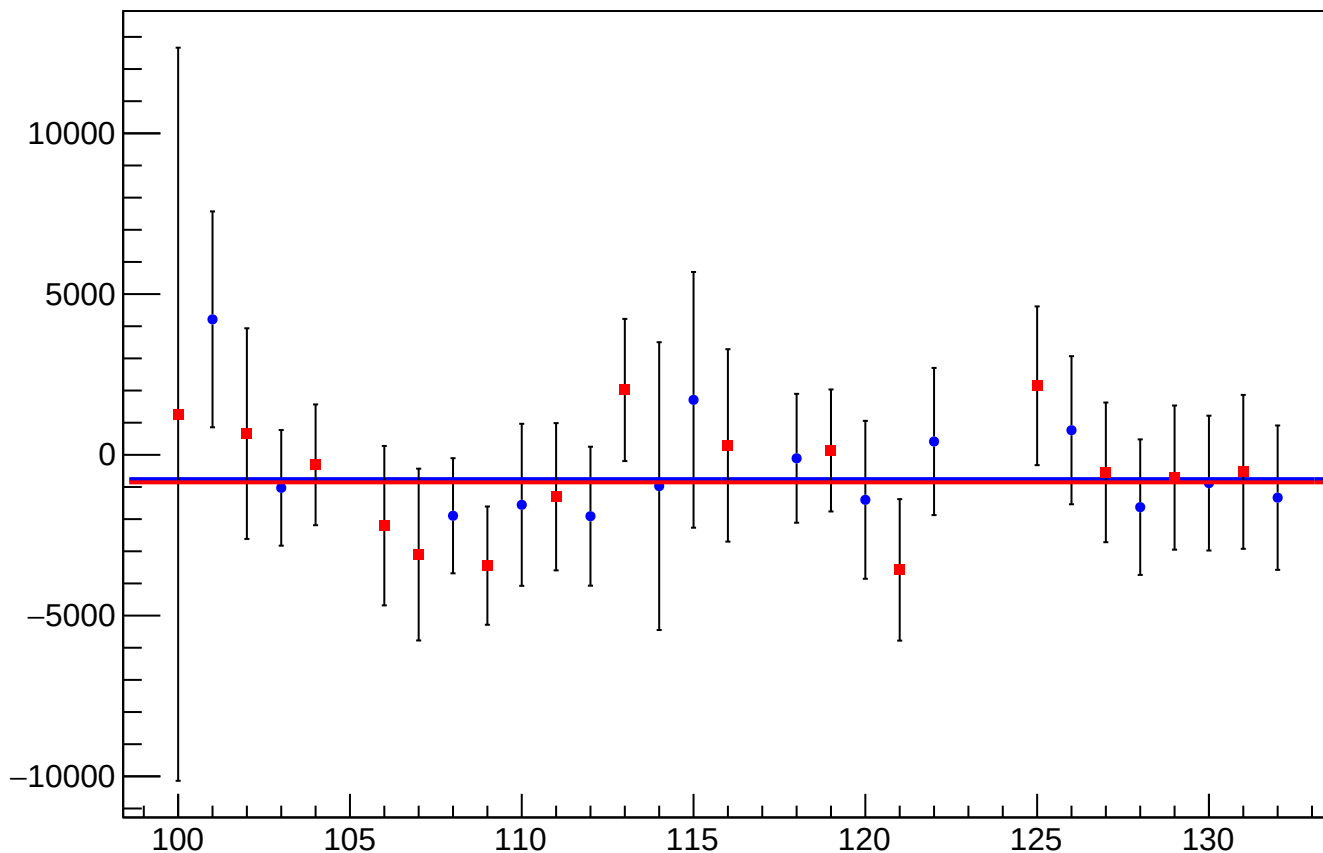
Right: 5521.519+/-1.147 χ^2/NDF : 930207.6/28

In: 5932.283+/-1.747 χ^2/NDF : 291960.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5521.519+/-1.147 χ^2/NDF : 930207.6/28

eigen_dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -755.364+/-615.528 χ^2/NDF : 4.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -855.136+/-605.985 χ^2/NDF : 8.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

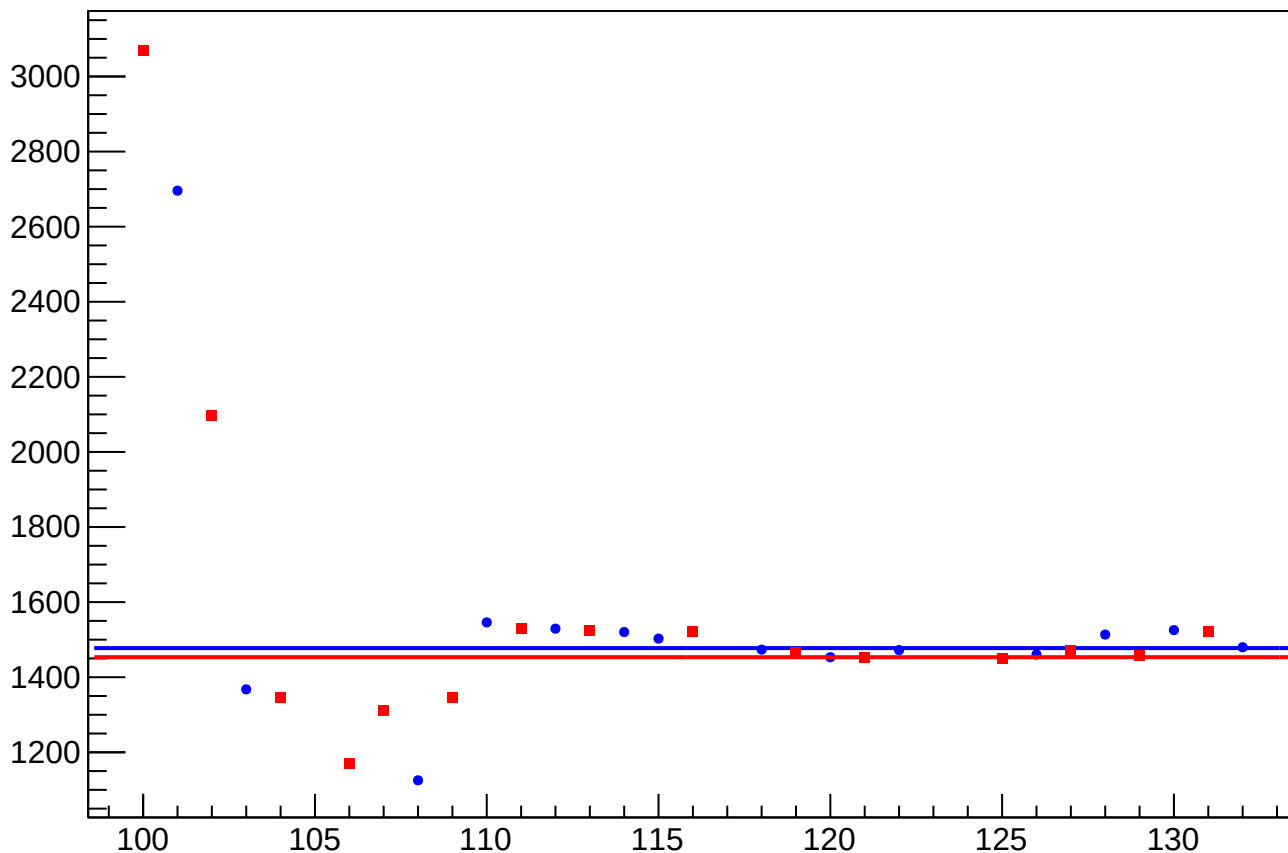
Right: -806.030+/-431.830 χ^2/NDF : 13.0/28

In: -755.364+/-615.528 χ^2/NDF : 4.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -806.030+/-431.830 χ^2/NDF : 13.0/28

eigen_dit_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1477.563+/-0.435 χ^2/NDF : 353016.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1453.312+/-0.428 χ^2/NDF : 169846.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

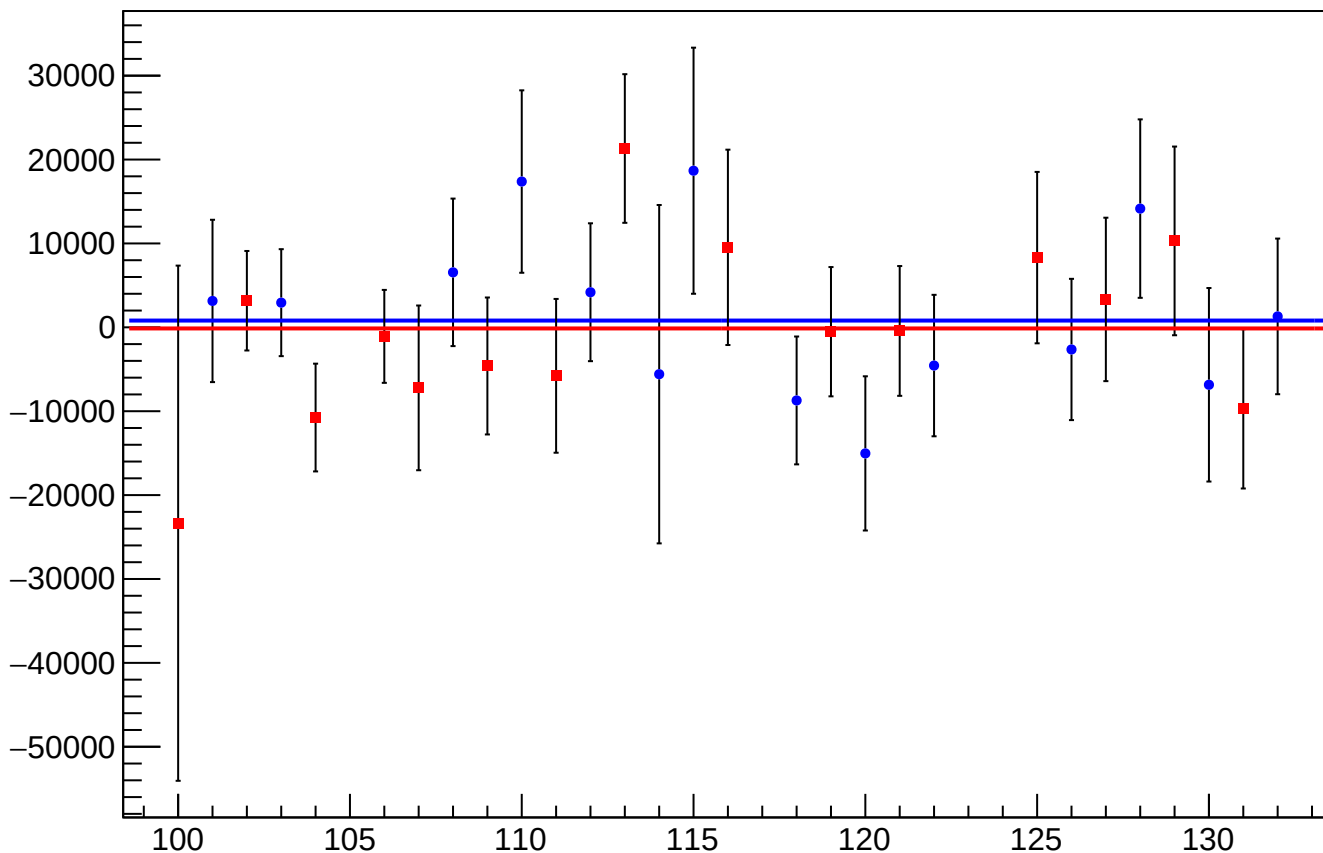
Right: 1465.244+/-0.305 χ^2/NDF : 524439.5/28

In: 1477.563+/-0.435 χ^2/NDF : 353016.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1465.244+/-0.305 χ^2/NDF : 524439.5/28

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 806.946 $\pm$ 2470.926 χ^2 /NDF: 11.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -133.981 $\pm$ 2149.776 χ^2 /NDF: 14.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

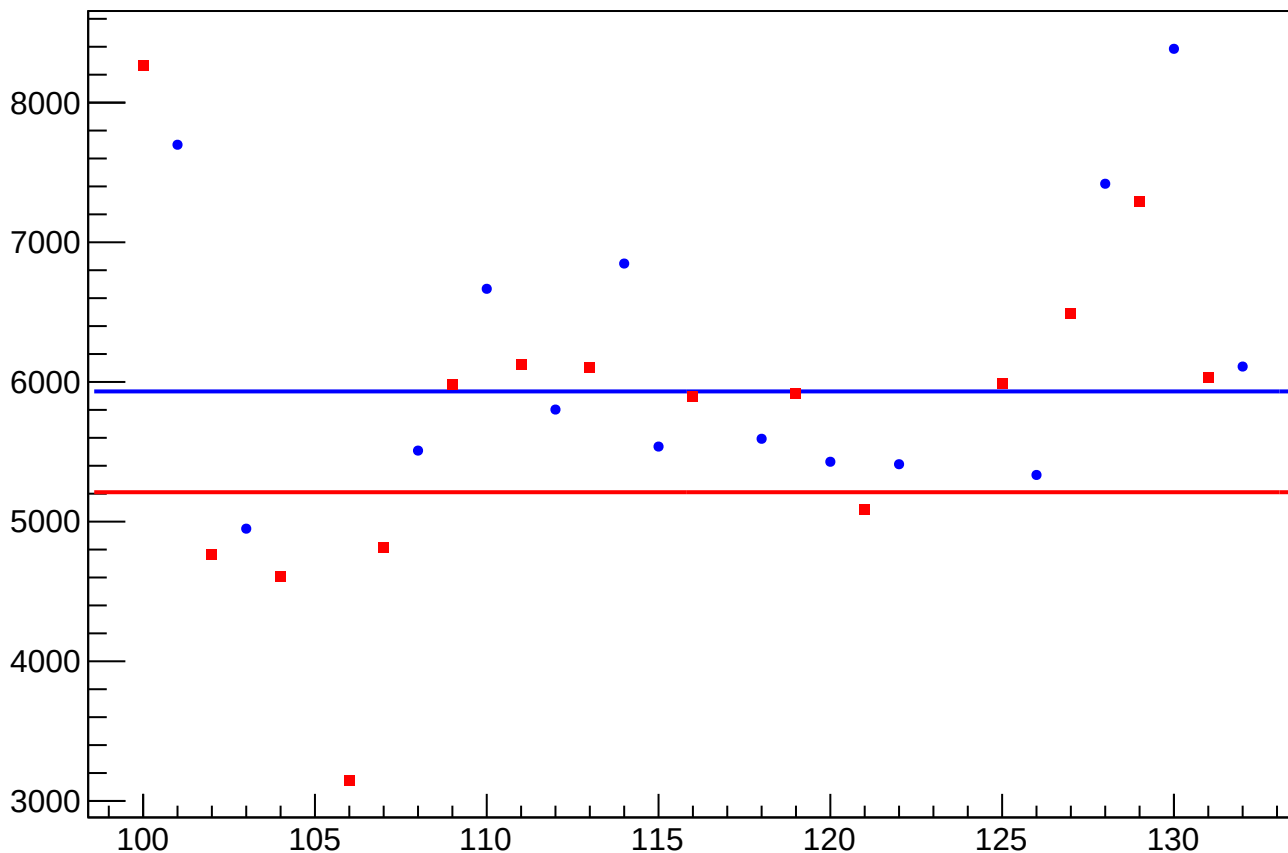
Right: 271.400 $\pm$ 1621.861 χ^2 /NDF: 26.0/28

In: 806.946 $\pm$ 2470.926 χ^2 /NDF:11.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 271.400 $\pm$ 1621.861 χ^2 /NDF: 26.0/28

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 5932.267+/-1.747 χ^2/NDF : 291960.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5210.580+/-1.520 χ^2/NDF : 541138.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

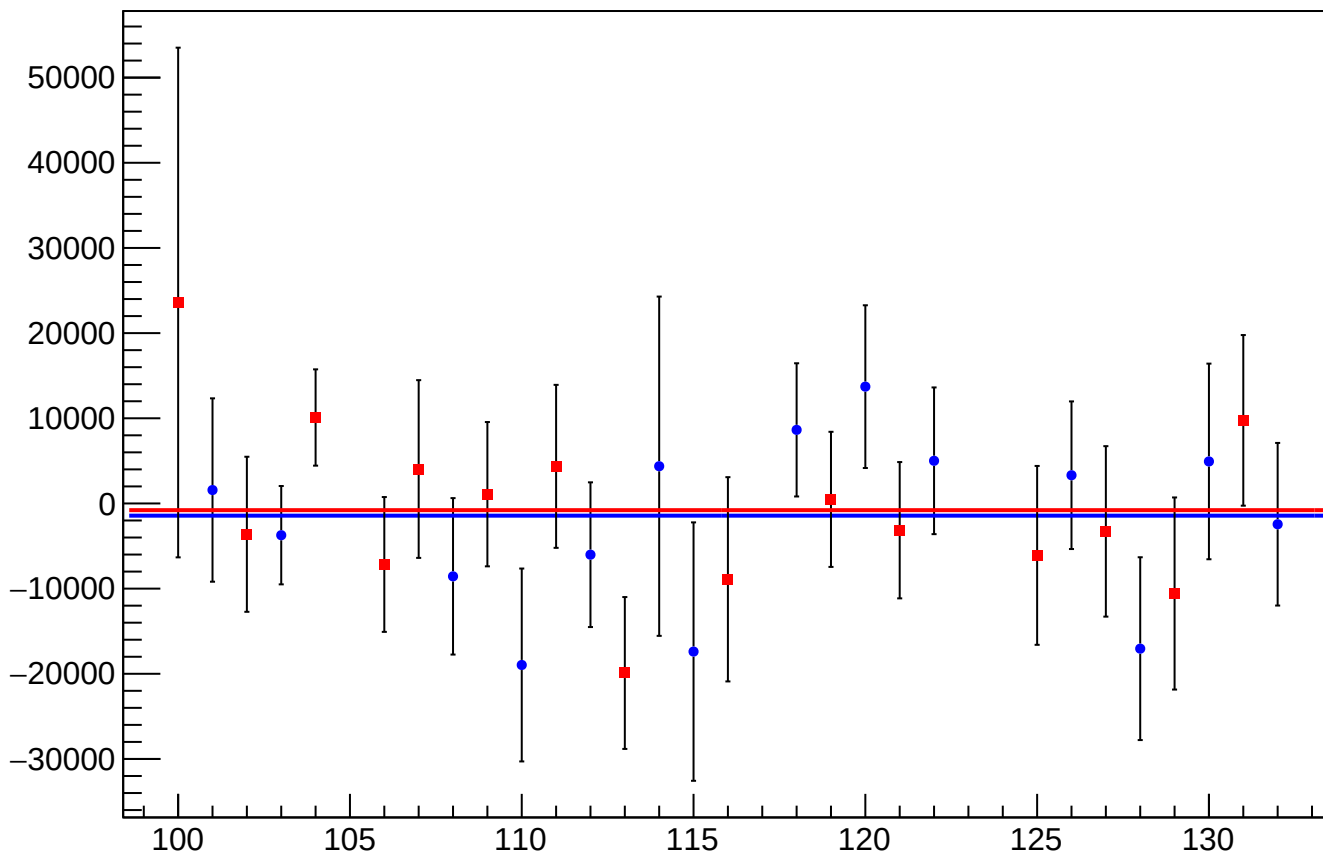
Right: 5521.506+/-1.147 χ^2/NDF : 930205.2/28

In: 5932.267+/-1.747 χ^2/NDF : 291960.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5521.506+/-1.147 χ^2/NDF : 930205.2/28

asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1432.391 ± 2497.403 χ^2/NDF : 12.2/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -788.130 ± 2341.501 χ^2/NDF : 13.0/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

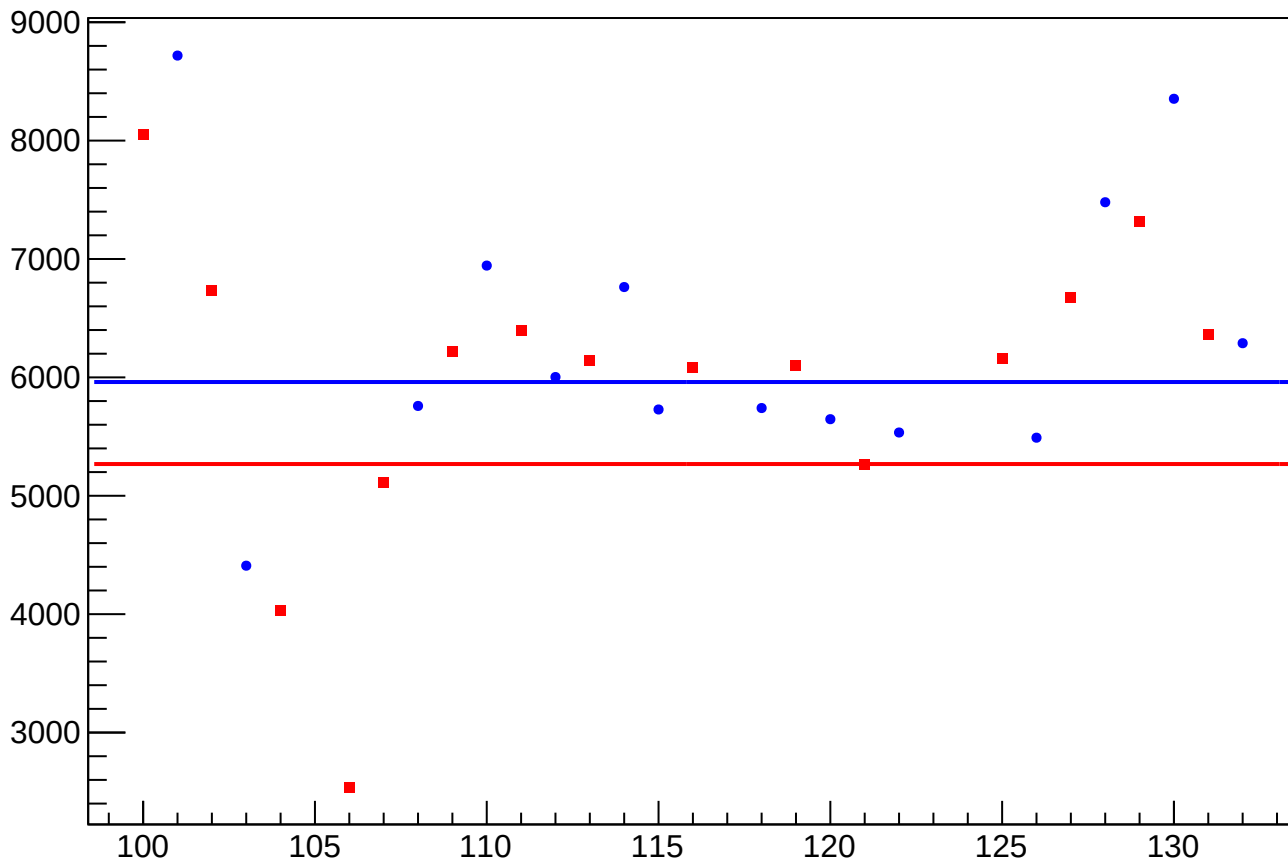
Right: -1089.525 ± 1708.149 χ^2/NDF : 25.2/28

In: -1432.391 ± 2497.403 χ^2/NDF : 12.2/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1089.525 ± 1708.149 χ^2/NDF : 25.2/28

asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 5960.831+/-1.766 χ^2/NDF : 439162.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5268.091+/-1.590 χ^2/NDF : 877198.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

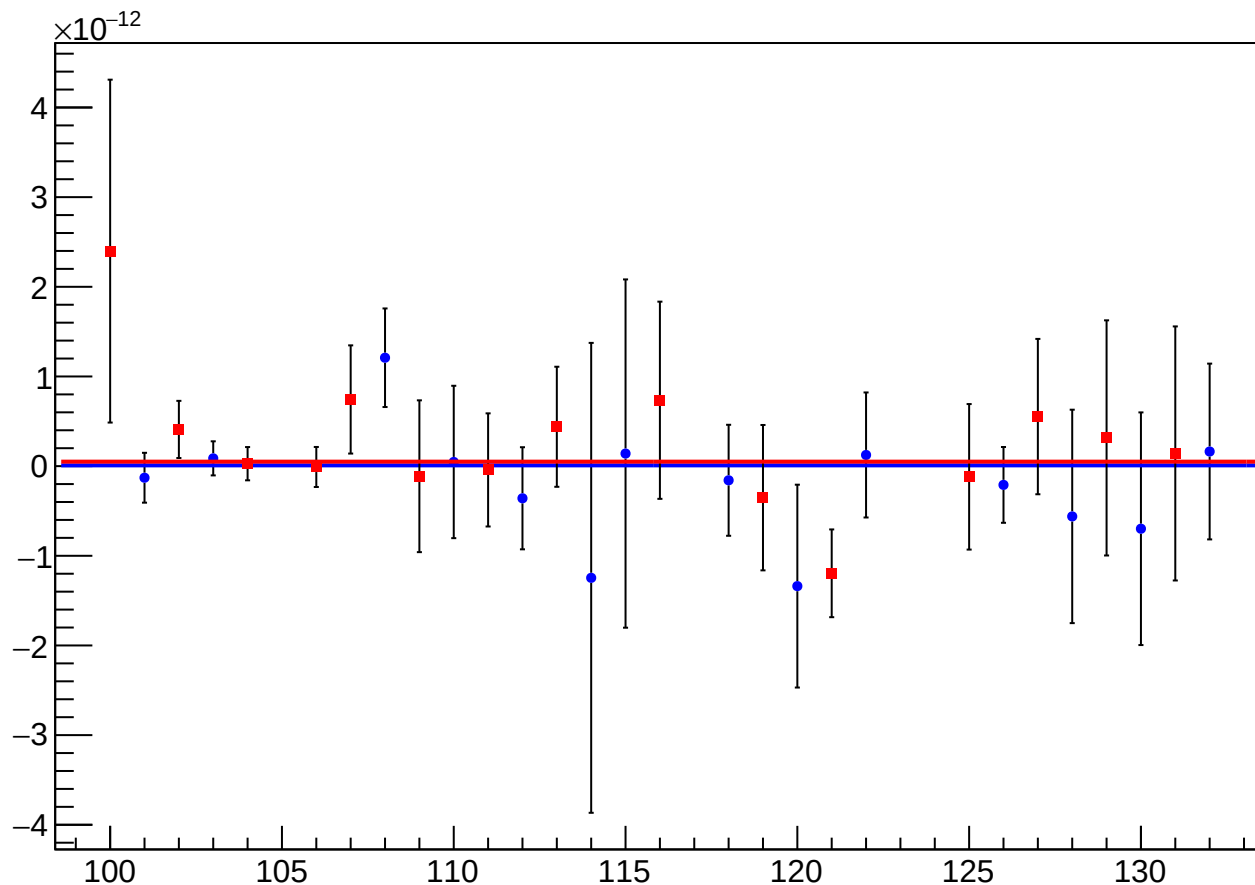
Right: 5578.340+/-1.182 χ^2/NDF : 1401327.1/28

In: 5960.831+/-1.766 χ^2/NDF : 439162.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5578.340+/-1.182 χ^2/NDF : 1401327.1/28

asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

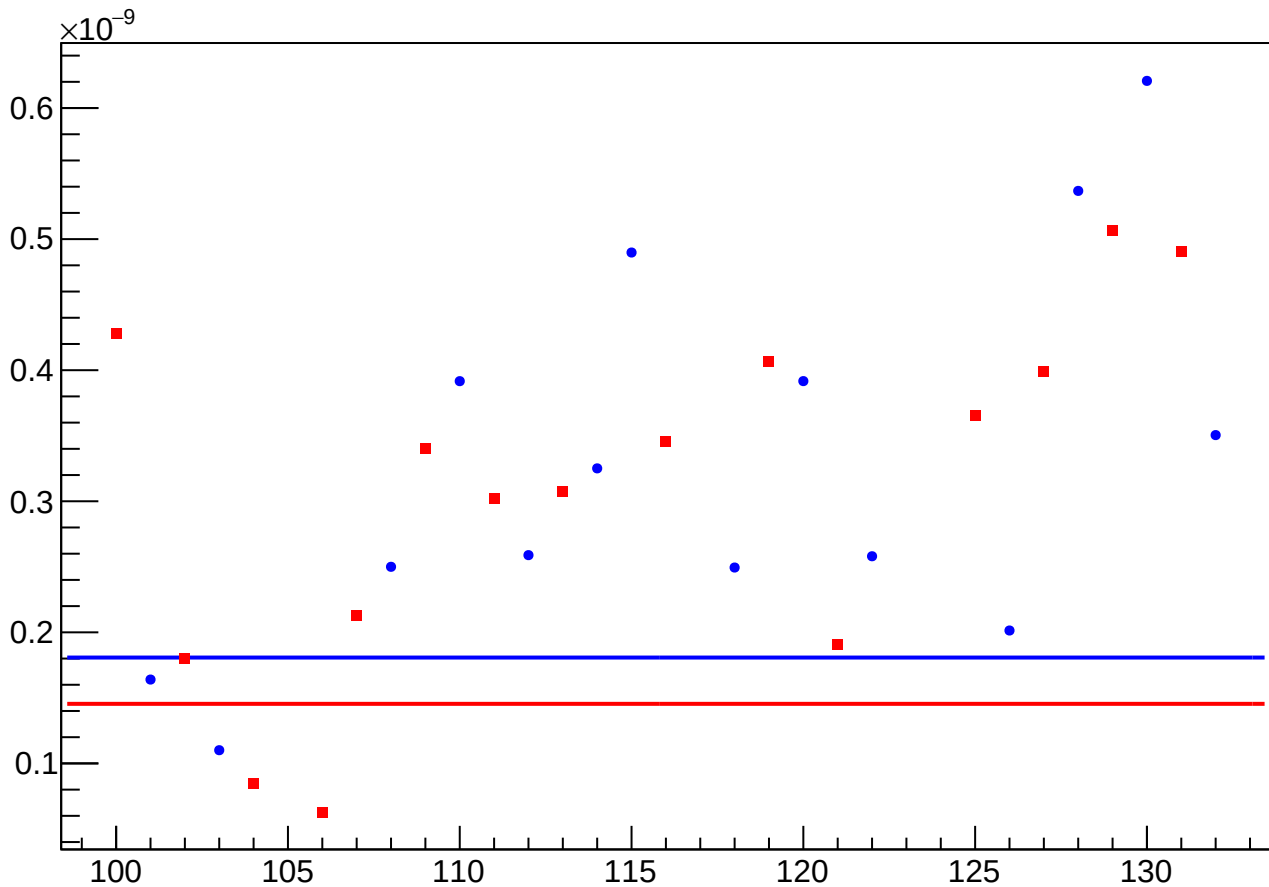
Right: 0.000+/-0.000 χ^2/NDF : 20.3/28

In: 0.000+/-0.000 χ^2/NDF : 8.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.3/28

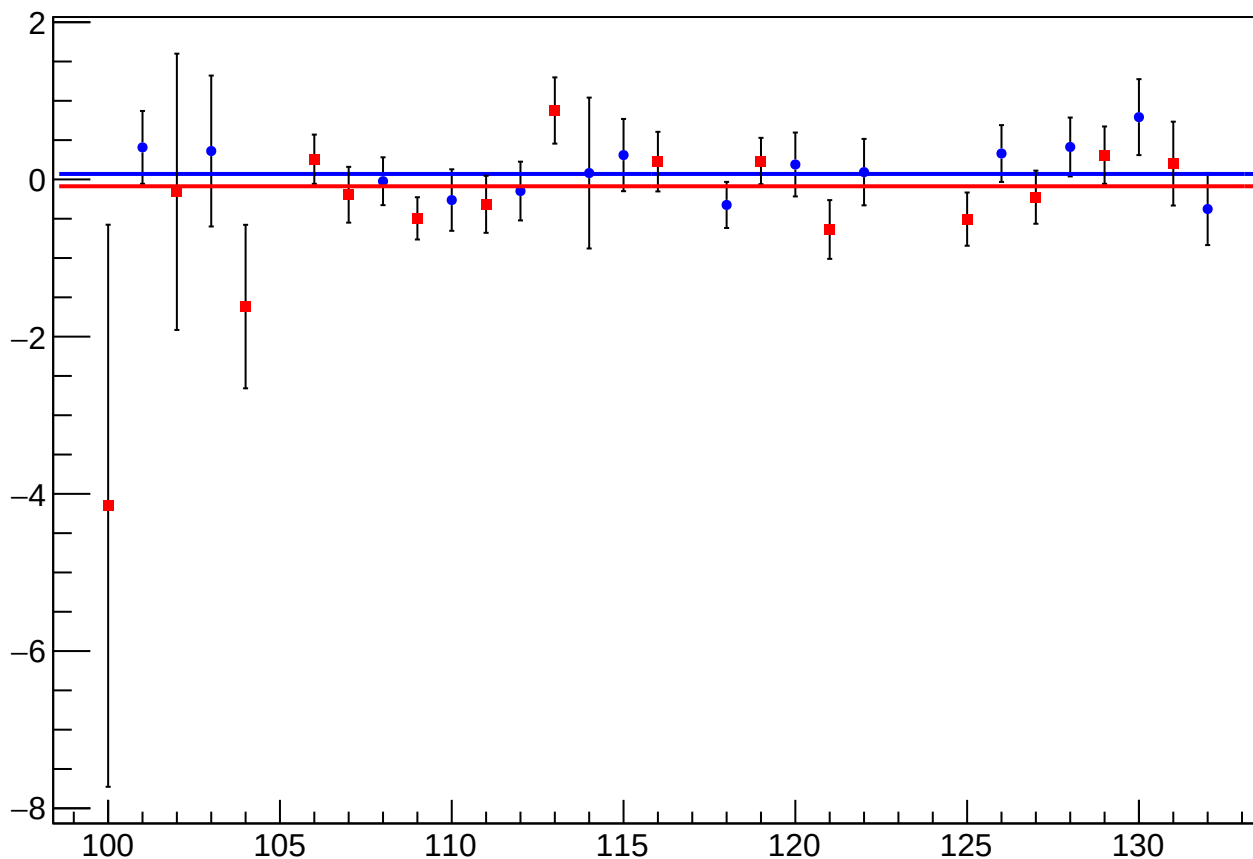
asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1125435.7/13
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 1810557.0/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 3022615.6/28
 In: 0.000+/-0.000 χ^2/NDF : 1125435.7/13
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 3022615.6/28

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.070+/-0.110 χ^2/NDF : 8.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.087+/-0.100 χ^2/NDF : 19.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

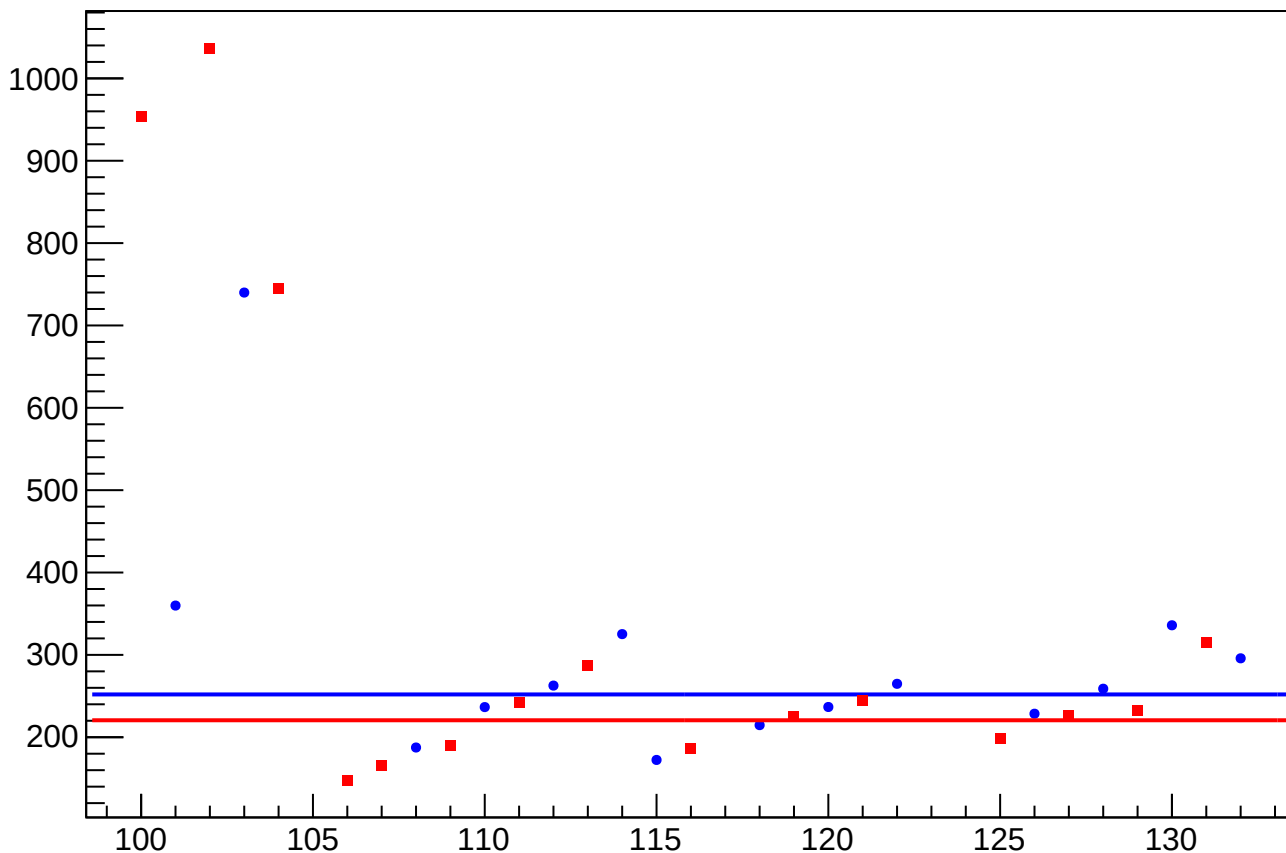
Right: -0.016+/-0.074 χ^2/NDF : 29.5/28

In: 0.070+/-0.110 χ^2/NDF : 8.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.074 χ^2/NDF : 29.5/28

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 251.967+/-0.078 χ^2/NDF : 916089.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 220.604+/-0.070 χ^2/NDF : 1362924.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

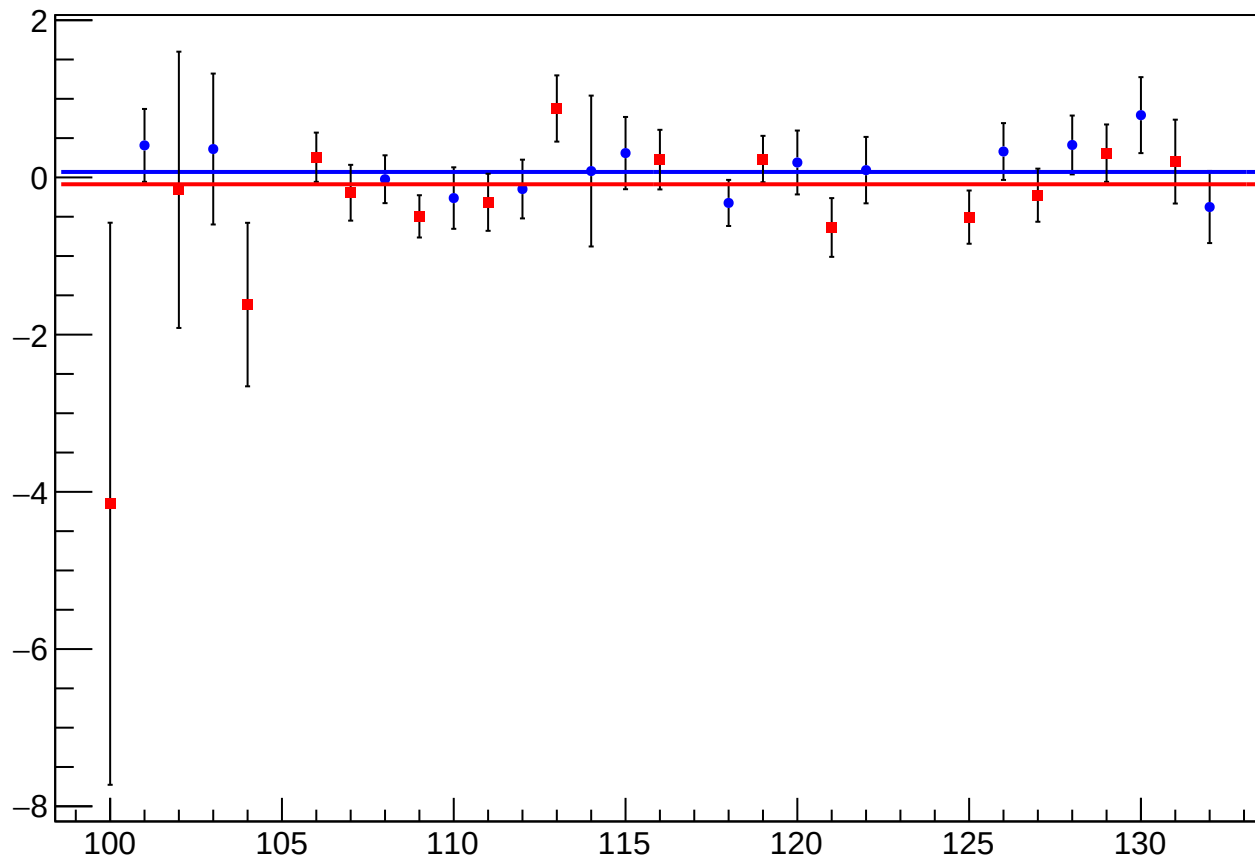
Right: 234.795+/-0.052 χ^2/NDF : 2368621.8/28

In: 251.967+/-0.078 χ^2/NDF : 916089.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 234.795+/-0.052 χ^2/NDF : 2368621.8/28

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.070+/-0.110 χ^2/NDF : 8.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.087+/-0.100 χ^2/NDF : 19.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

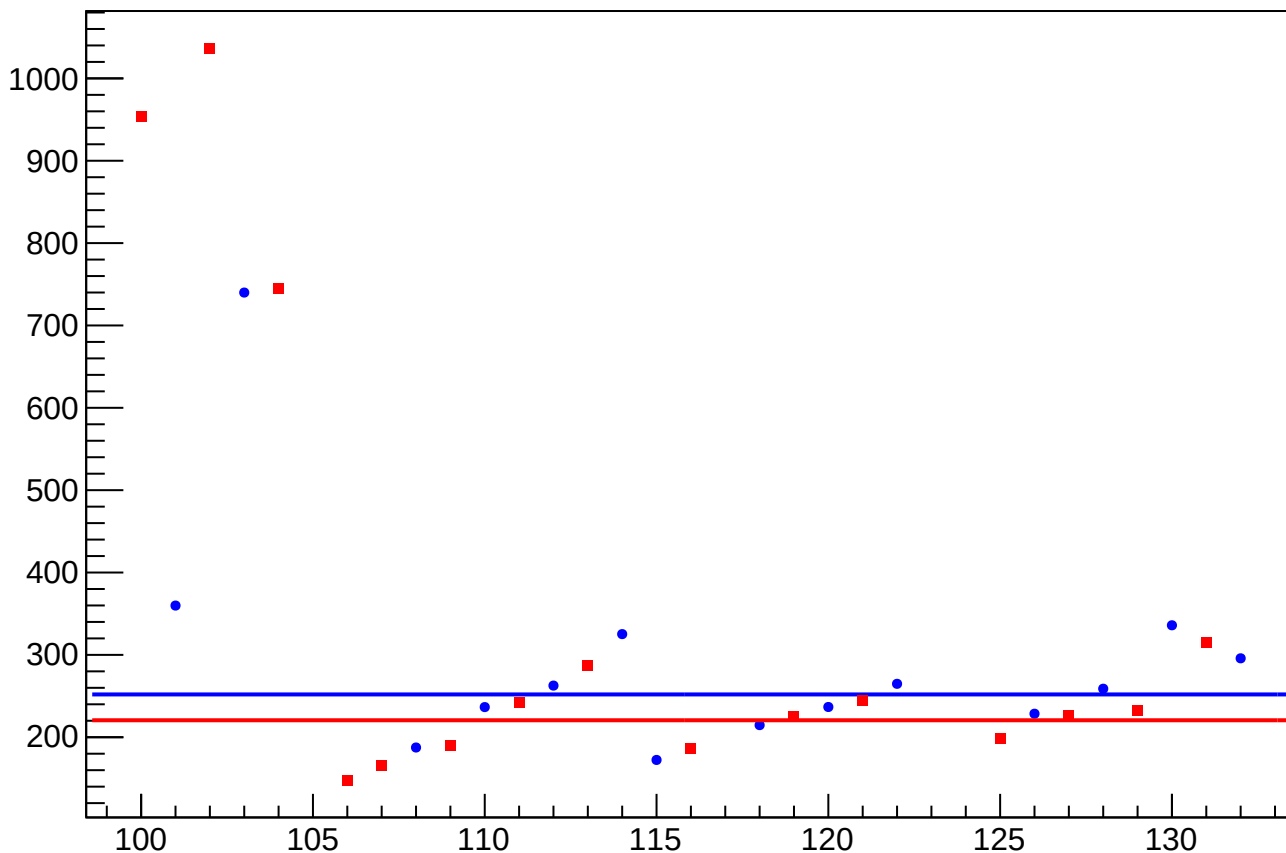
Right: -0.016+/-0.074 χ^2/NDF : 29.5/28

In: 0.070+/-0.110 χ^2/NDF : 8.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.074 χ^2/NDF : 29.5/28

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 251.967+/-0.078 χ^2/NDF : 916089.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 220.604+/-0.070 χ^2/NDF : 1362924.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

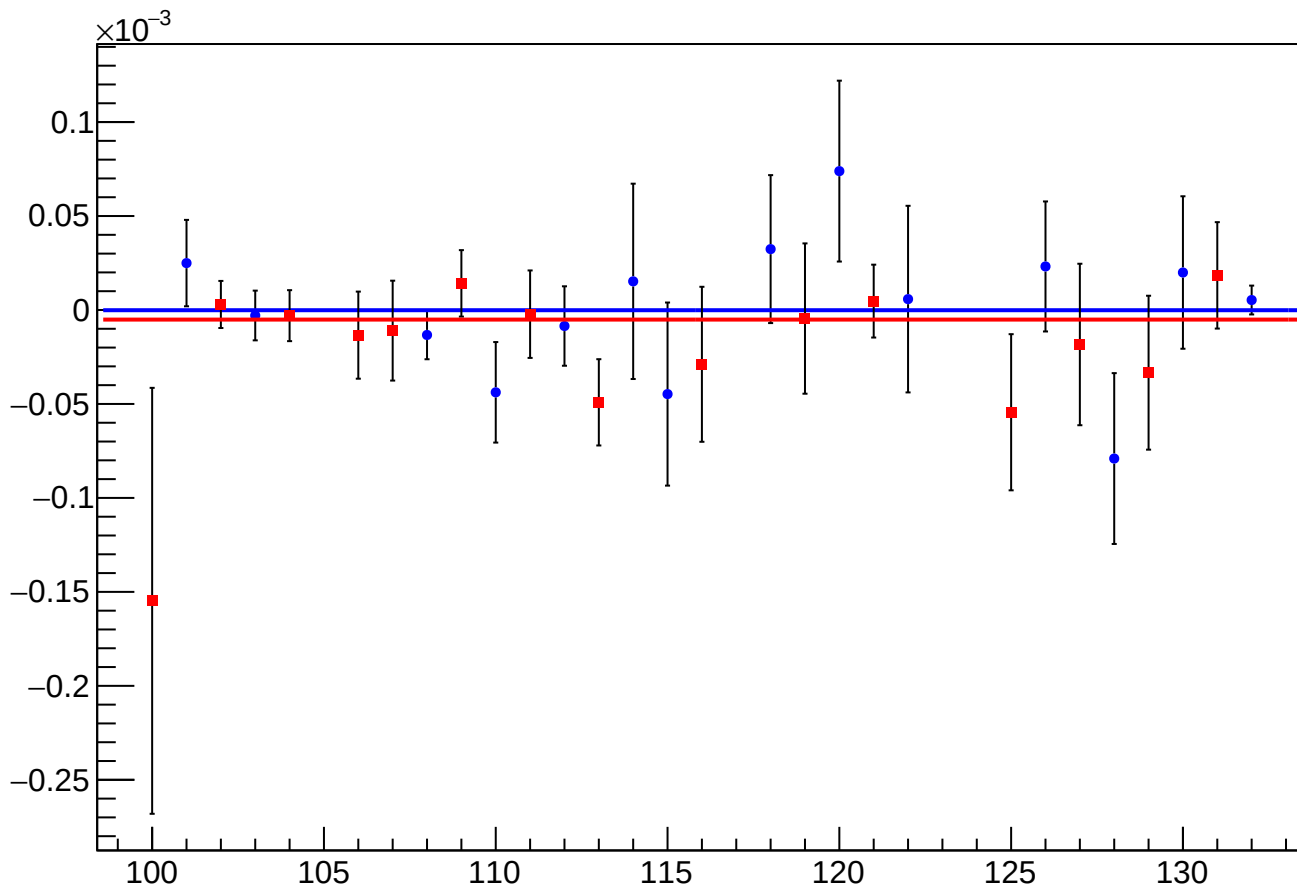
Right: 234.795+/-0.052 χ^2/NDF : 2368621.8/28

In: 251.967+/-0.078 χ^2/NDF : 916089.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 234.795+/-0.052 χ^2/NDF : 2368621.8/28

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 13.3/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 10.5/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

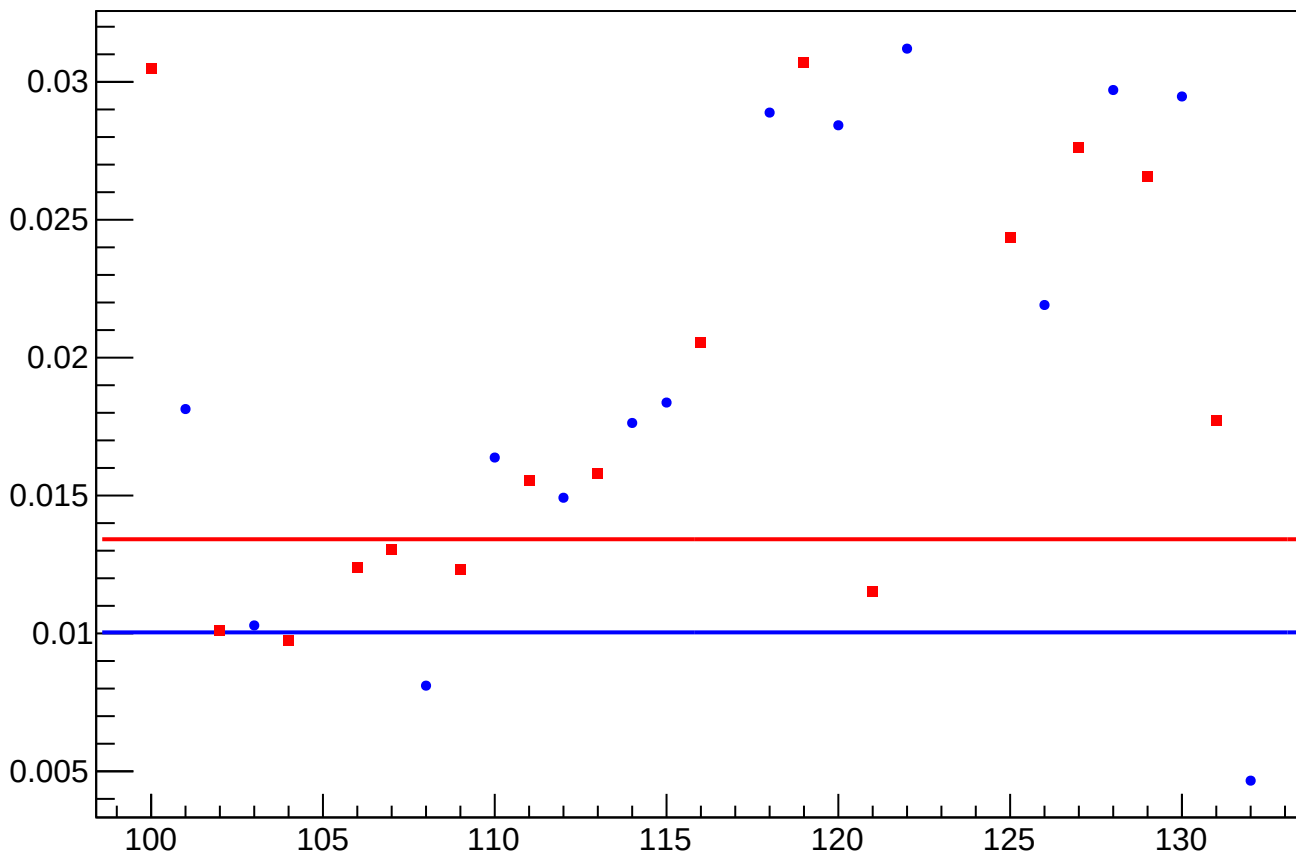
Right: -0.000+/-0.000 χ^2 /NDF: 24.2/28

In: -0.000+/-0.000 χ^2 /NDF:13.3/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 24.2/28

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.000

χ^2 /NDF: 3778394.3/13

Left Out: 0.000 $\pm$ 0.000

χ^2 /NDF:0.0/0

Right Out: 0.013 $\pm$ 0.000

χ^2 /NDF: 1445881.6/14

Left In: 0.000 $\pm$ 0.000

χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000

χ^2 /NDF: 0.0/0

Right: 0.011 $\pm$ 0.000

χ^2 /NDF: 5600857.4/28

In: 0.010 $\pm$ 0.000

χ^2 /NDF:3778394.3/13

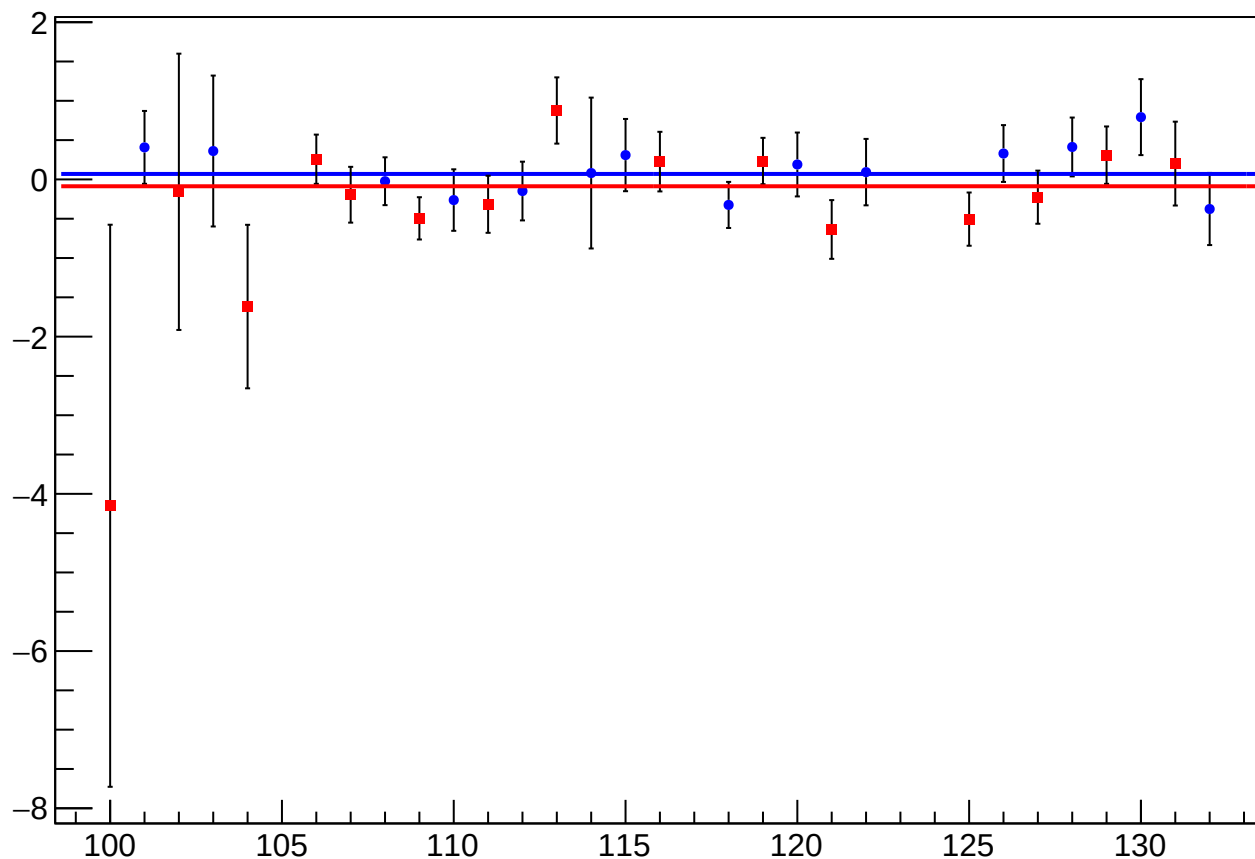
Out: 0.000 $\pm$ 0.000

χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.000

χ^2 /NDF: 5600857.4/28

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.070+/-0.110 χ^2/NDF : 8.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.087+/-0.100 χ^2/NDF : 19.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

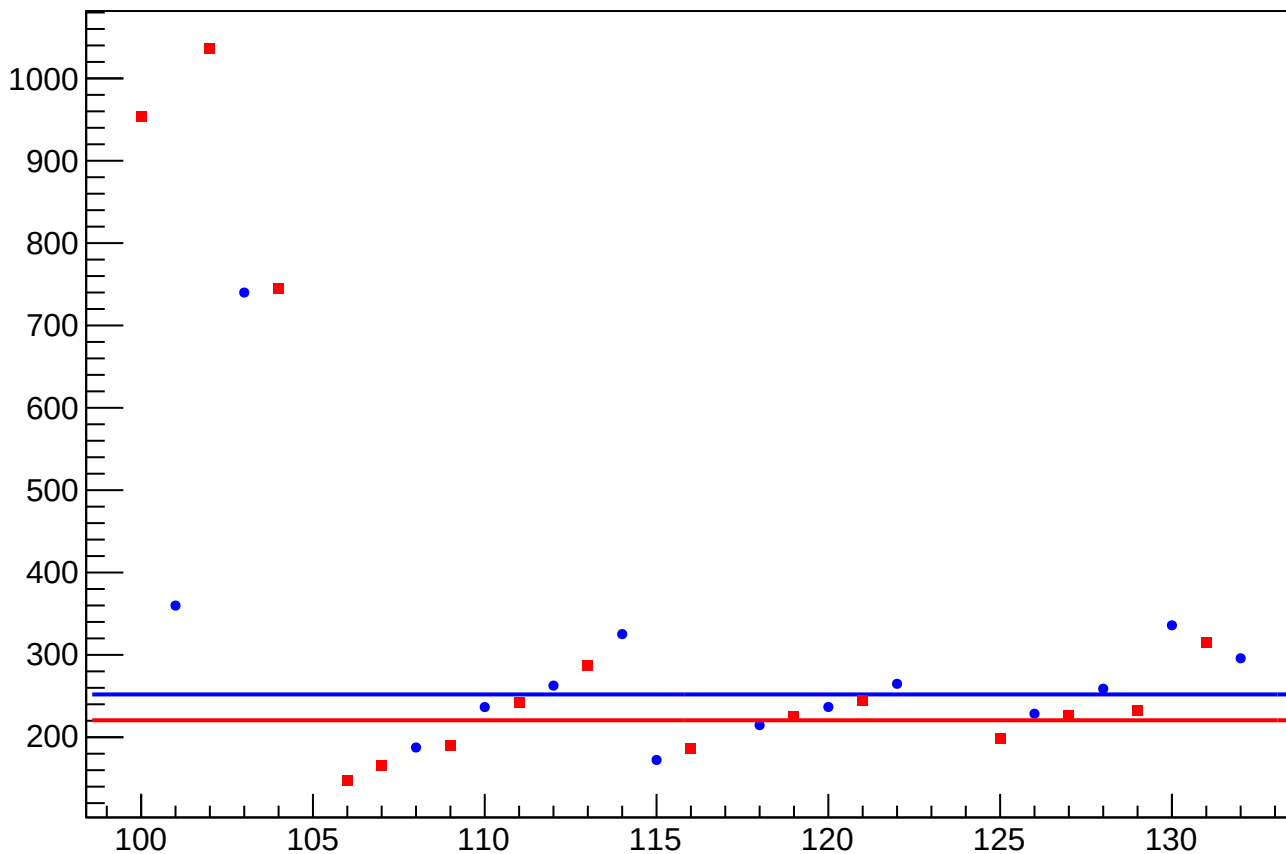
Right: -0.016+/-0.074 χ^2/NDF : 29.5/28

In: 0.070+/-0.110 χ^2/NDF : 8.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.074 χ^2/NDF : 29.5/28

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 251.967+/-0.078 χ^2/NDF : 916041.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 220.604+/-0.070 χ^2/NDF : 1362914.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

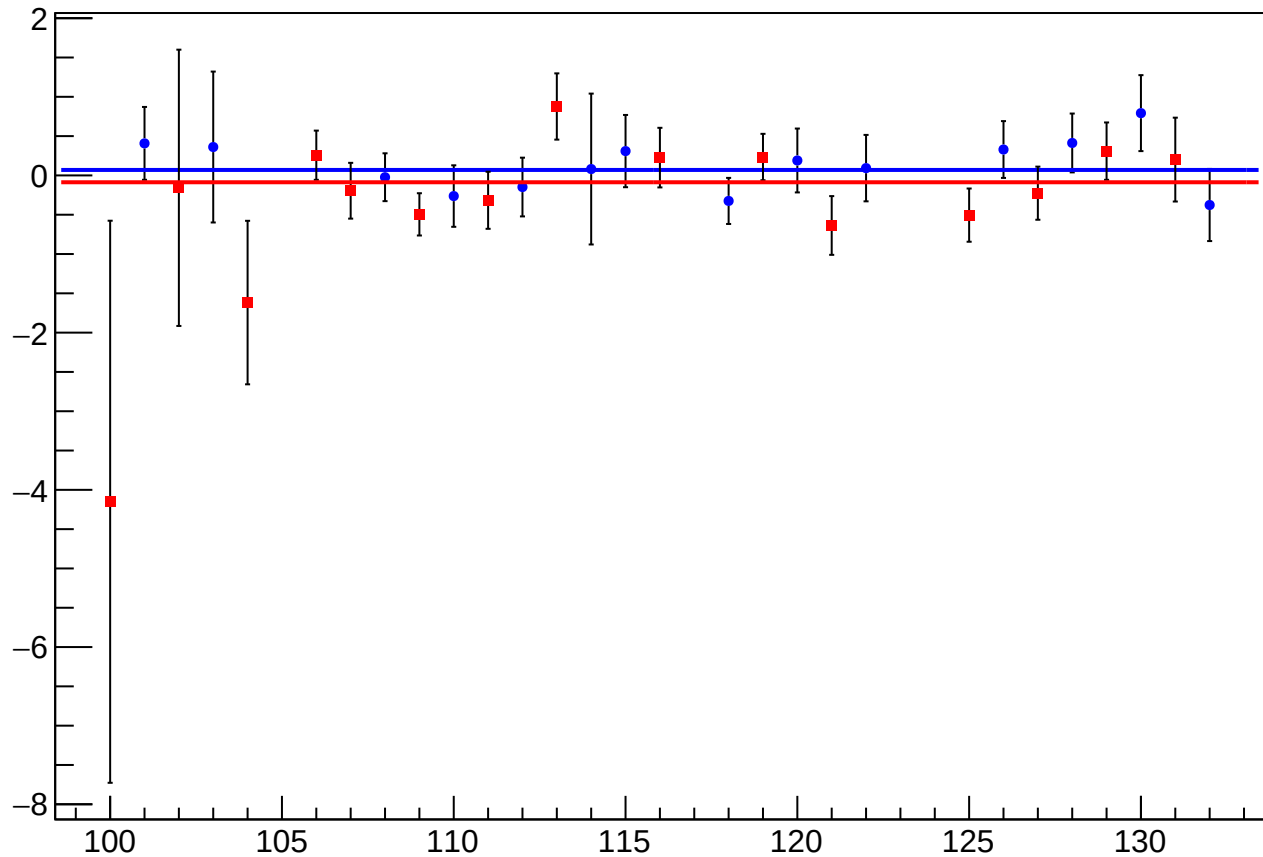
Right: 234.795+/-0.052 χ^2/NDF : 2368558.3/28

In: 251.967+/-0.078 χ^2/NDF : 916041.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 234.795+/-0.052 χ^2/NDF : 2368558.3/28

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.070+/-0.110 χ^2/NDF : 8.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.087+/-0.100 χ^2/NDF : 19.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

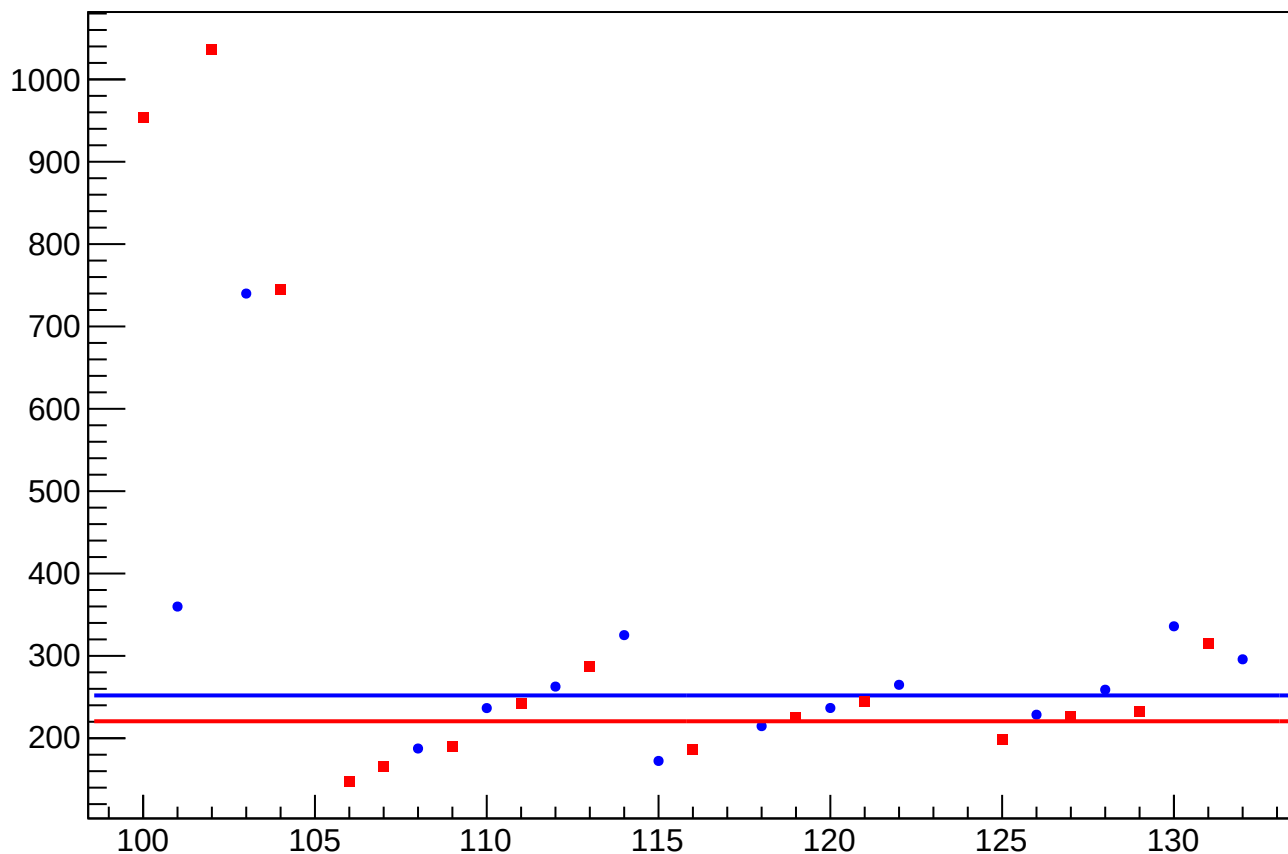
Right: -0.016+/-0.074 χ^2/NDF : 29.5/28

In: 0.070+/-0.110 χ^2/NDF : 8.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.074 χ^2/NDF : 29.5/28

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 251.967+/-0.078 χ^2/NDF : 916041.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 220.604+/-0.070 χ^2/NDF : 1362914.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

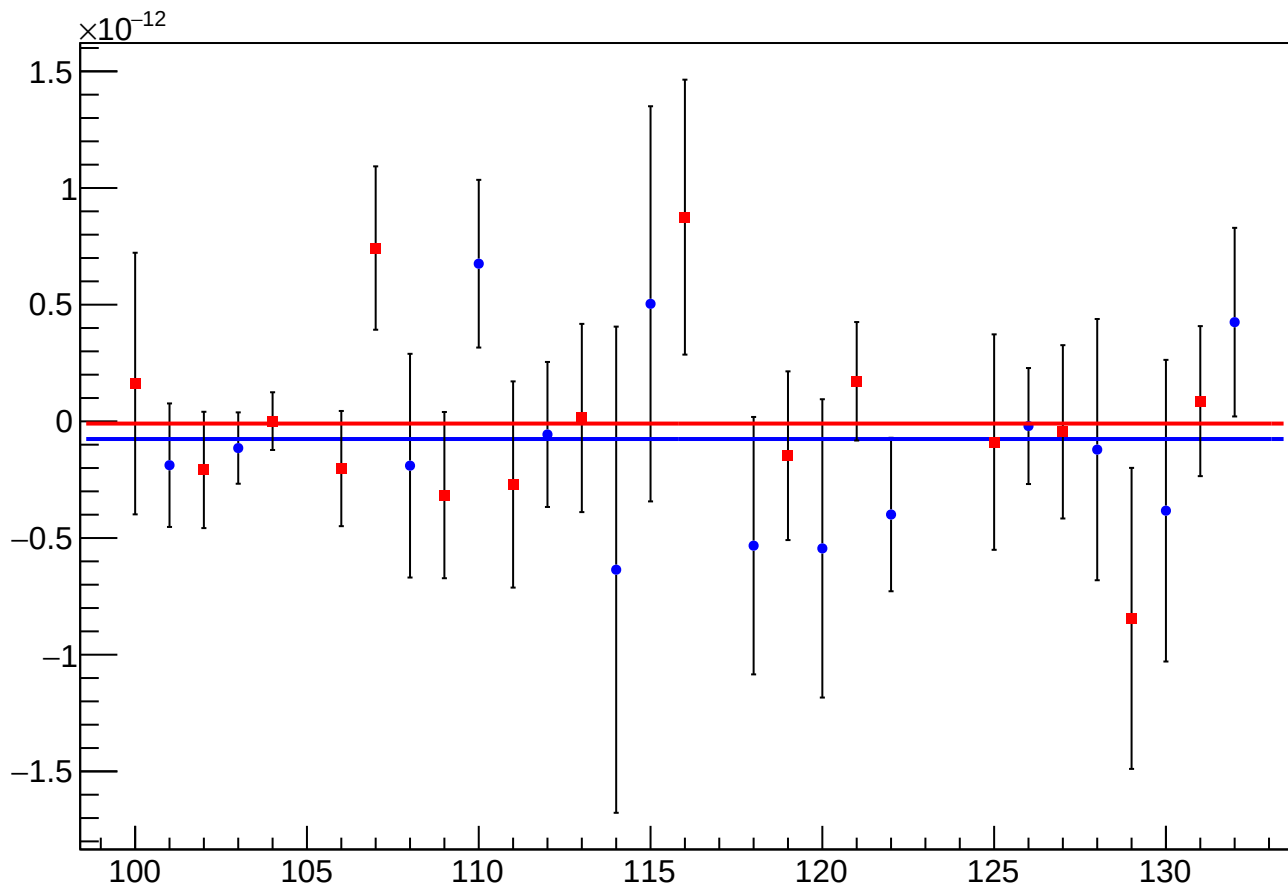
Right: 234.795+/-0.052 χ^2/NDF : 2368558.3/28

In: 251.967+/-0.078 χ^2/NDF : 916041.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 234.795+/-0.052 χ^2/NDF : 2368558.3/28

asym_us_avg_at2lr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

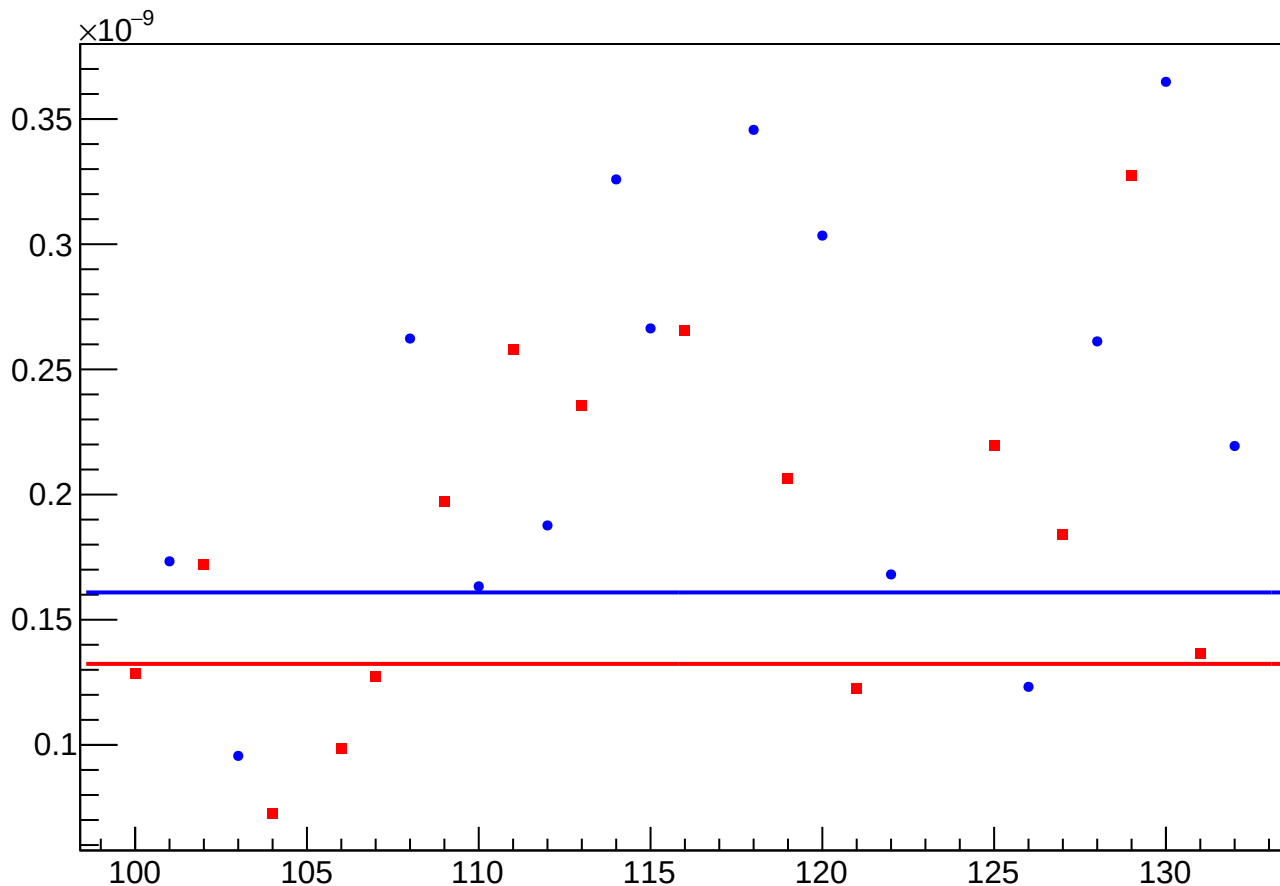
Right: -0.000+/-0.000 χ^2/NDF : 21.5/28

In: -0.000+/-0.000 χ^2/NDF : 9.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.5/28

asym_us_avg_at2lr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1230846.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1398560.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

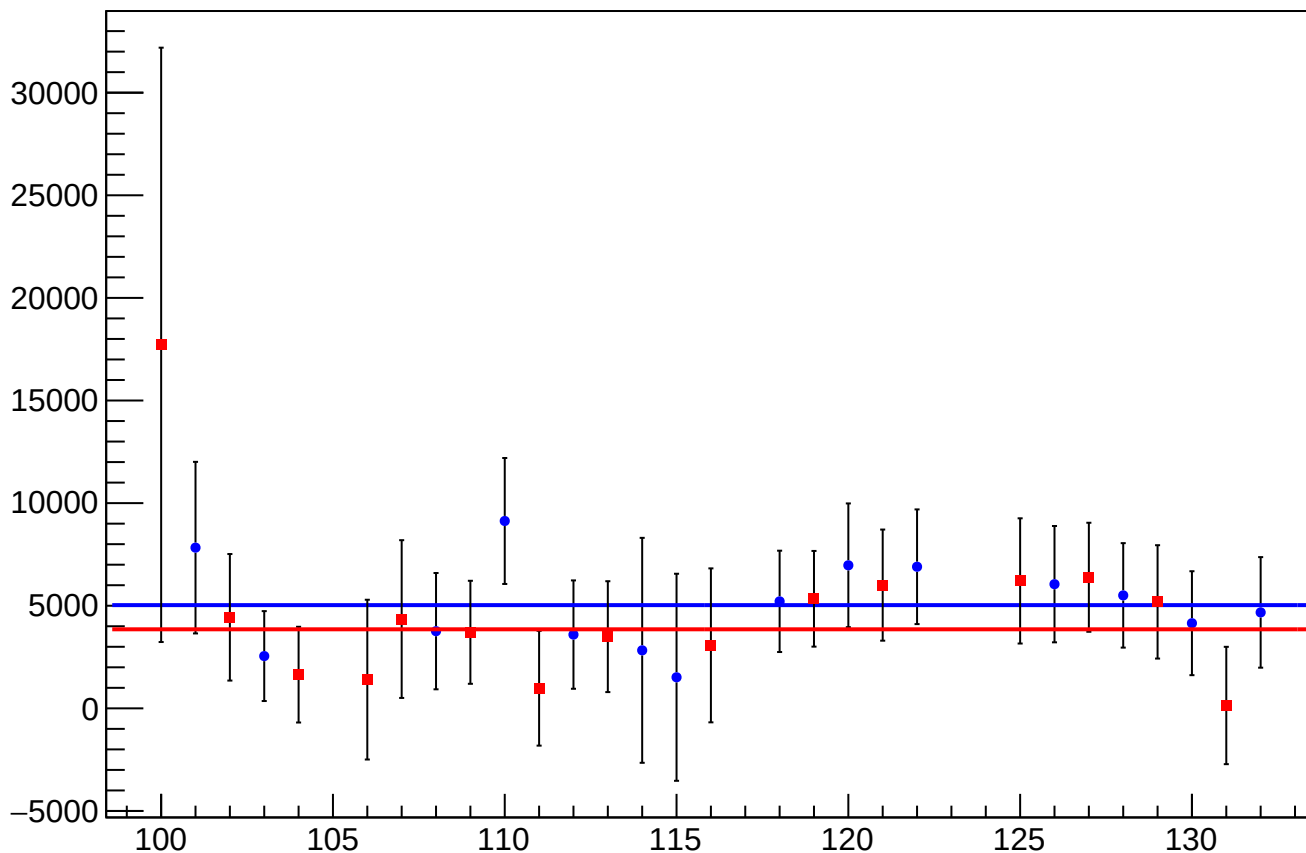
Right: 0.000+/-0.000 χ^2/NDF : 2748954.3/28

In: 0.000+/-0.000 χ^2/NDF : 1230846.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2748954.3/28

reg_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5030.000+/-769.866 χ^2/NDF : 5.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3851.676+/-756.959 χ^2/NDF : 7.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

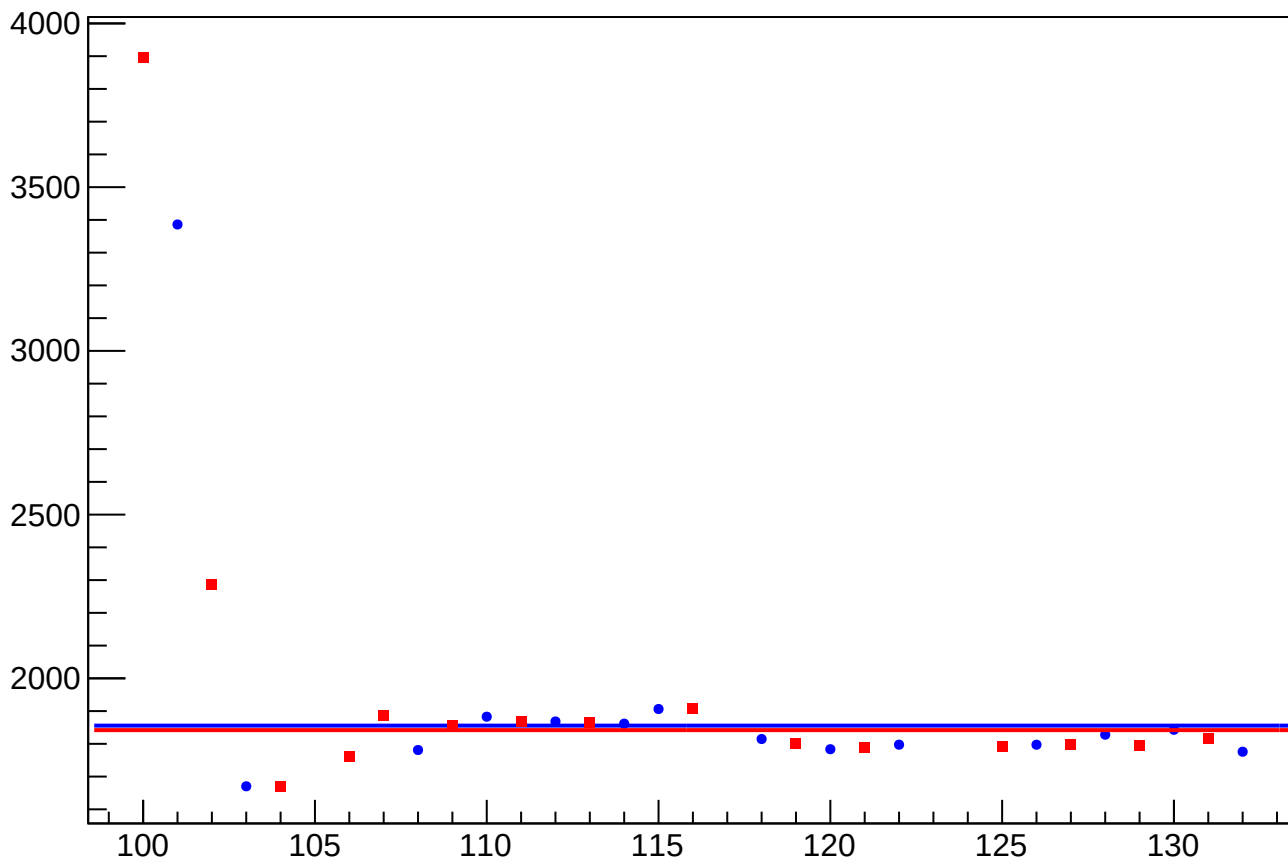
Right: 4430.878+/-539.756 χ^2/NDF : 14.9/28

In: 5030.000+/-769.866 χ^2/NDF : 5.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4430.878+/-539.756 χ^2/NDF : 14.9/28

reg_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1855.615+/-0.544 χ^2/NDF : 289608.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1841.877+/-0.533 χ^2/NDF : 98186.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

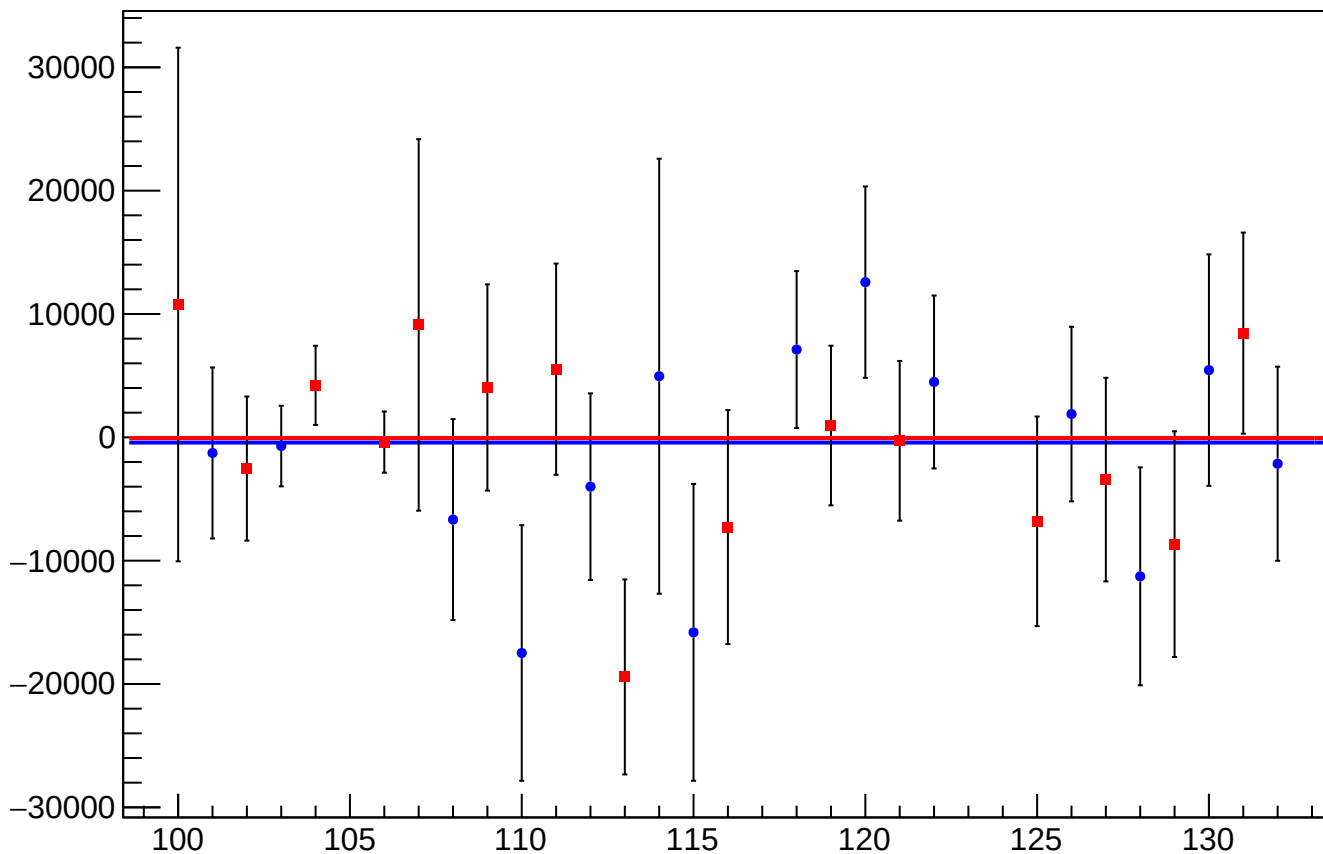
Right: 1848.605+/-0.381 χ^2/NDF : 388119.5/28

In: 1855.615+/-0.544 χ^2/NDF : 289608.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1848.605+/-0.381 χ^2/NDF : 388119.5/28

asym_us_avg_atlr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -424.325+/-1862.246 χ^2/NDF : 12.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -57.403+/-1484.443 χ^2/NDF : 12.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

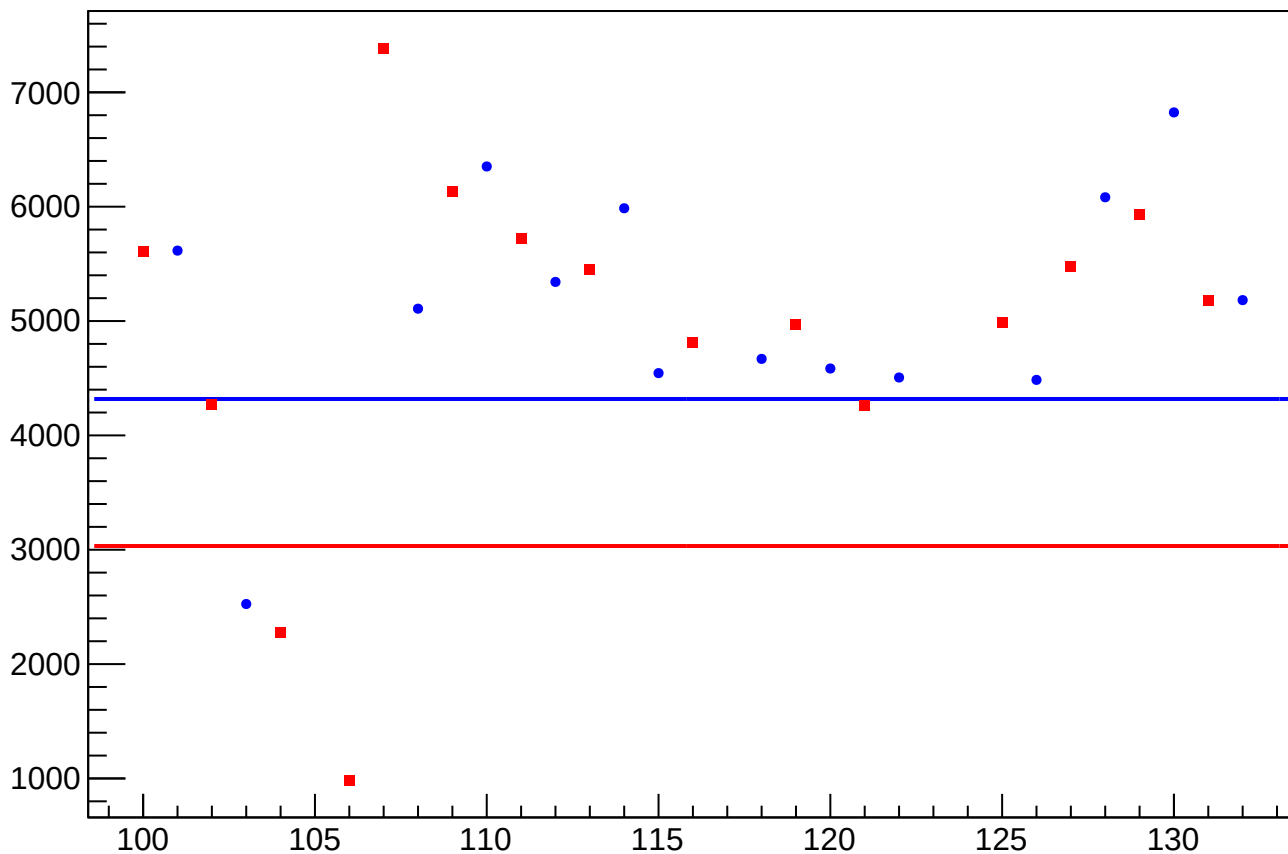
Right: -199.964+/-1160.781 χ^2/NDF : 24.7/28

In: -424.325+/-1862.246 χ^2/NDF : 12.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -199.964+/-1160.781 χ^2/NDF : 24.7/28

asym_us_avg_atlr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 4318.395+/-1.317 χ^2/NDF : 1080583.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3032.572+/-1.050 χ^2/NDF : 3364639.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

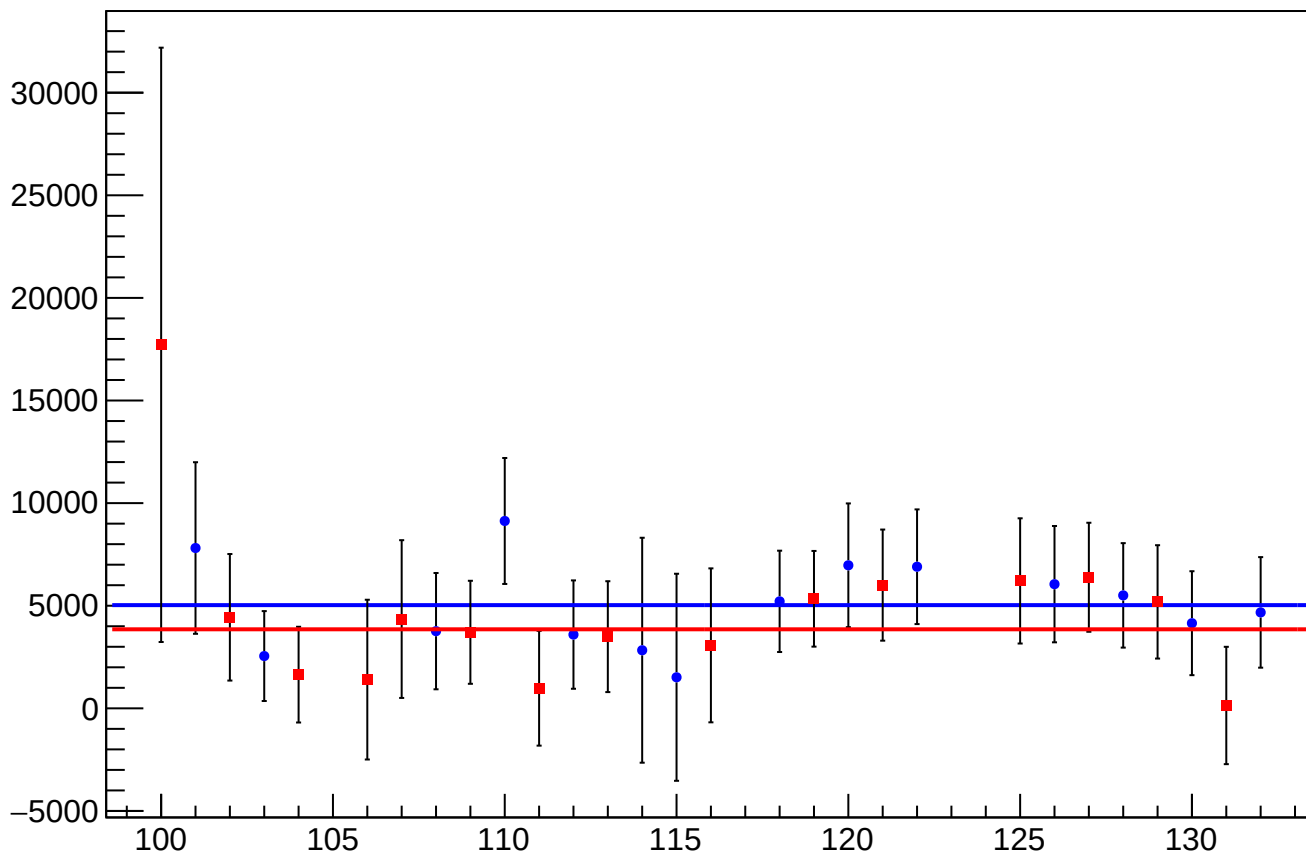
Right: 3532.155+/-0.821 χ^2/NDF : 5028253.8/28

In: 4318.395+/-1.317 χ^2/NDF : 1080583.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3532.155+/-0.821 χ^2/NDF : 5028253.8/28

cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5029.484+/-769.867 χ^2/NDF : 5.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3851.417+/-756.959 χ^2/NDF : 7.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

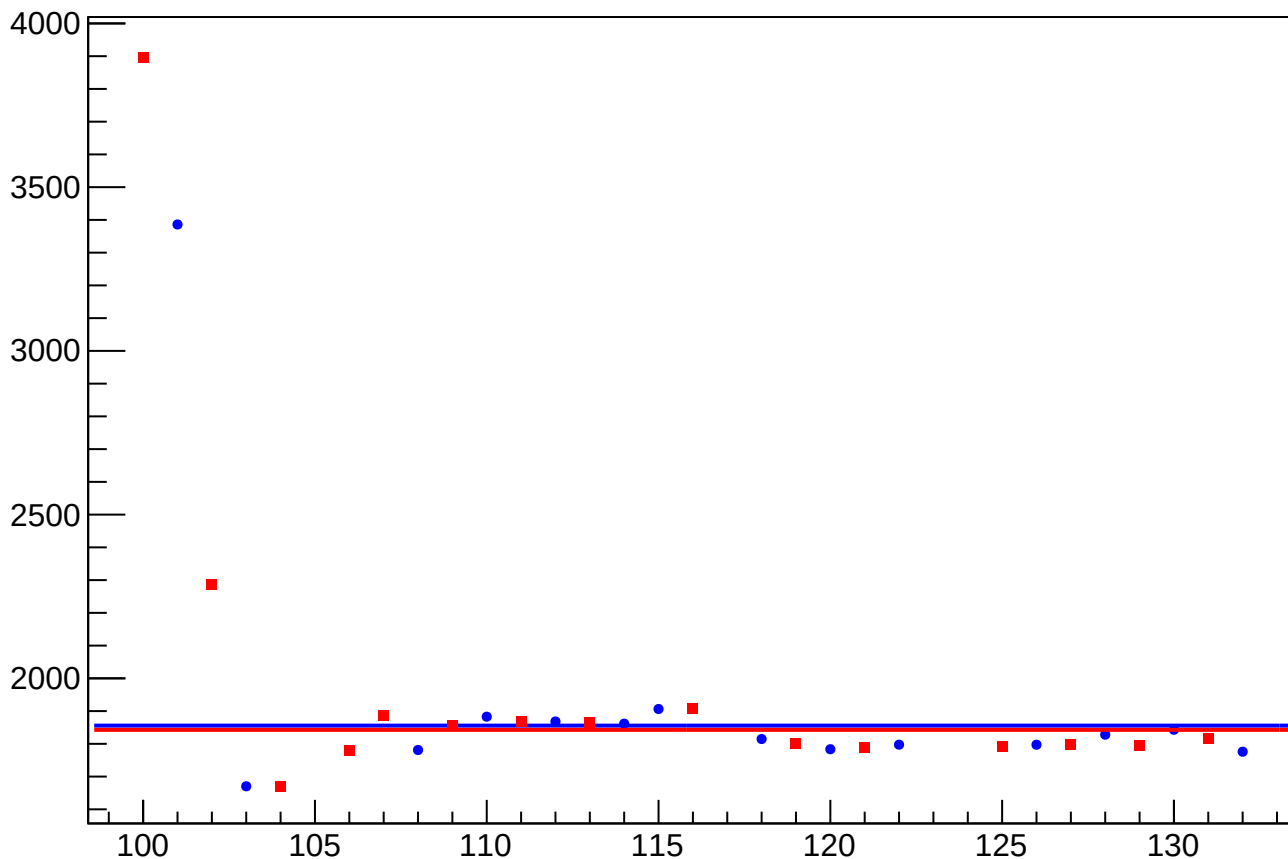
Right: 4430.492+/-539.757 χ^2/NDF : 14.9/28

In: 5029.484+/-769.867 χ^2/NDF : 5.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4430.492+/-539.757 χ^2/NDF : 14.9/28

cor_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1855.615+/-0.544 χ^2/NDF : 289609.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1842.703+/-0.534 χ^2/NDF : 97783.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

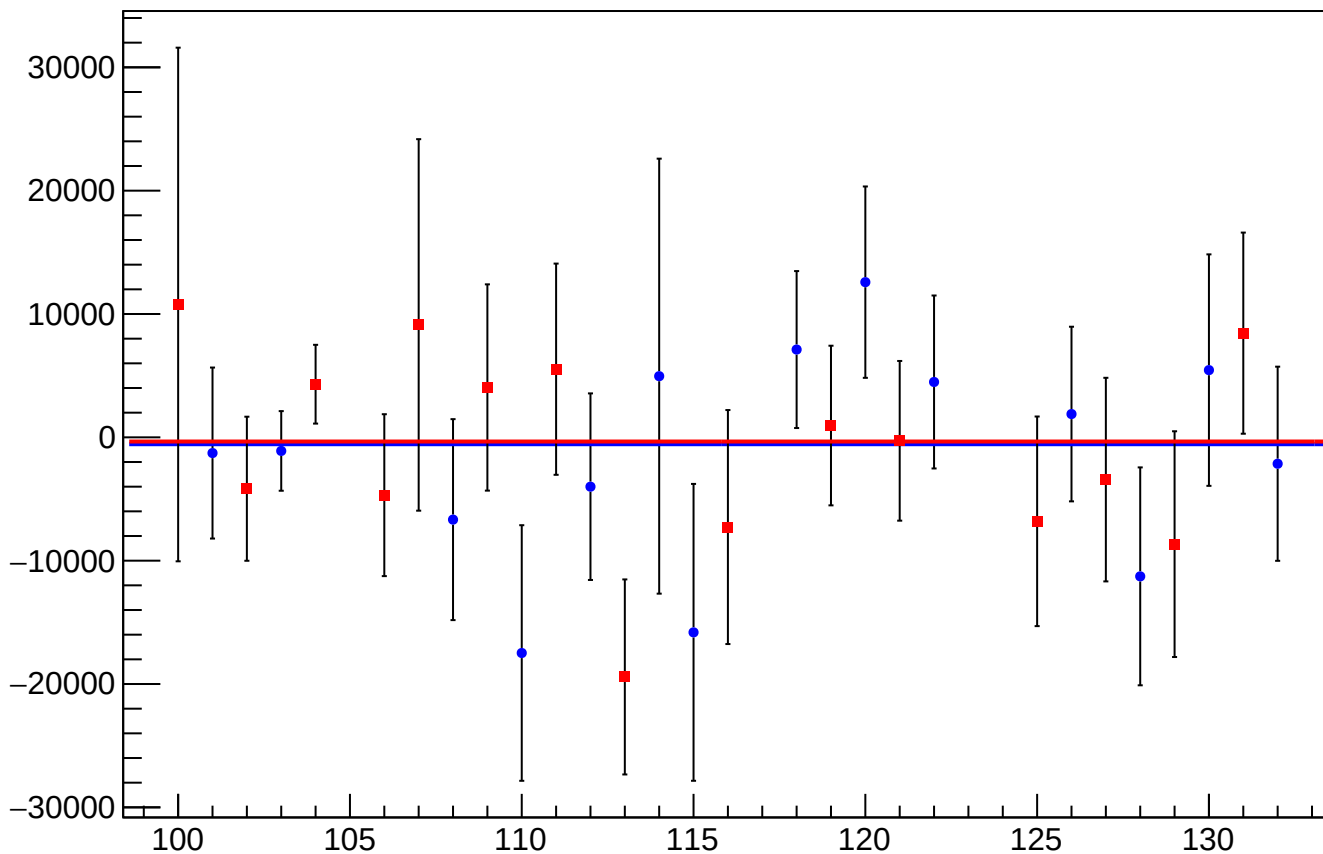
Right: 1849.029+/-0.381 χ^2/NDF : 387680.5/28

In: 1855.615+/-0.544 χ^2/NDF : 289609.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1849.029+/-0.381 χ^2/NDF : 387680.5/28

asym_us_avg_atlr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -557.292+/-1854.837 χ^2/NDF : 12.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -338.514+/-1780.082 χ^2/NDF : 13.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

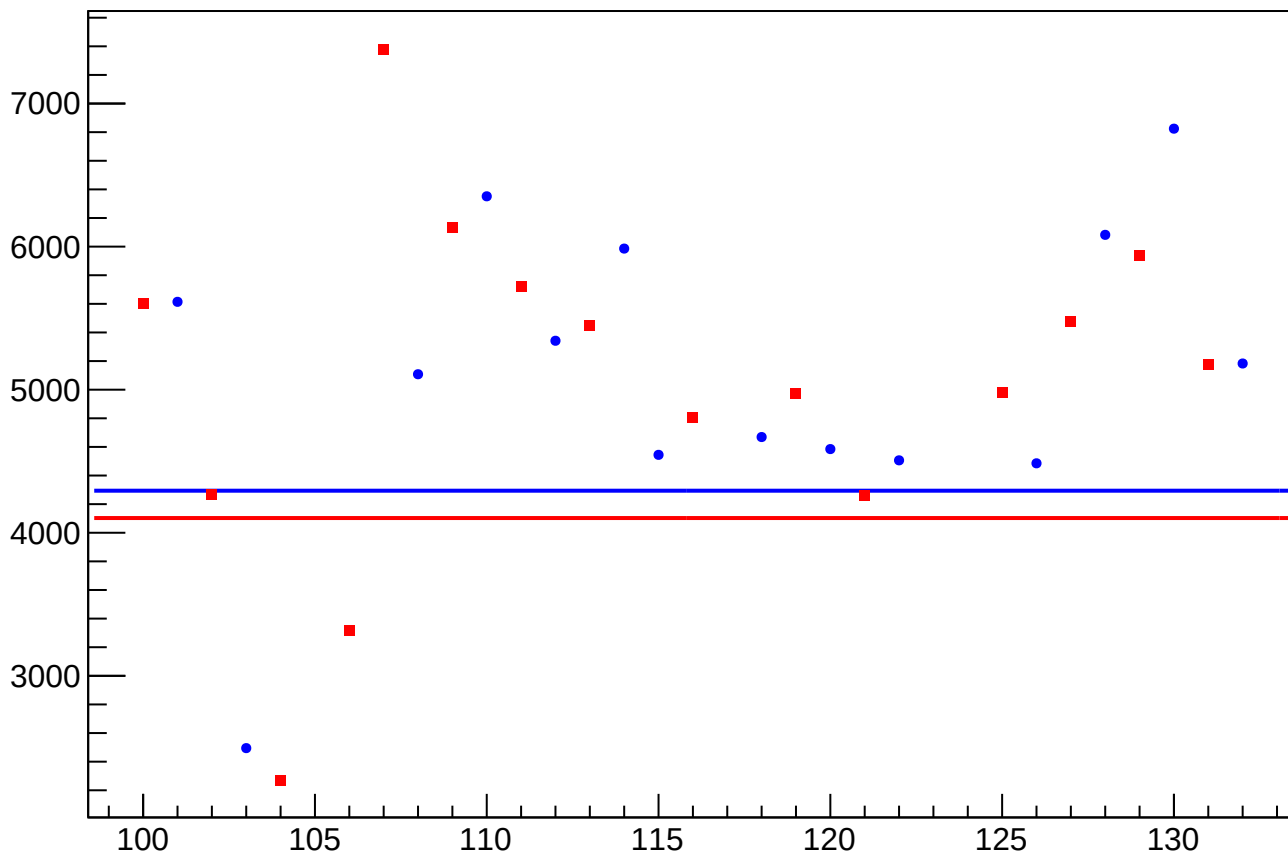
Right: -443.406+/-1284.323 χ^2/NDF : 25.6/28

In: -557.292+/-1854.837 χ^2/NDF : 12.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -443.406+/-1284.323 χ^2/NDF : 25.6/28

asym_us_avg_atlr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 4293.969+/-1.312 χ^2/NDF : 1116284.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4102.888+/-1.259 χ^2/NDF : 1282245.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

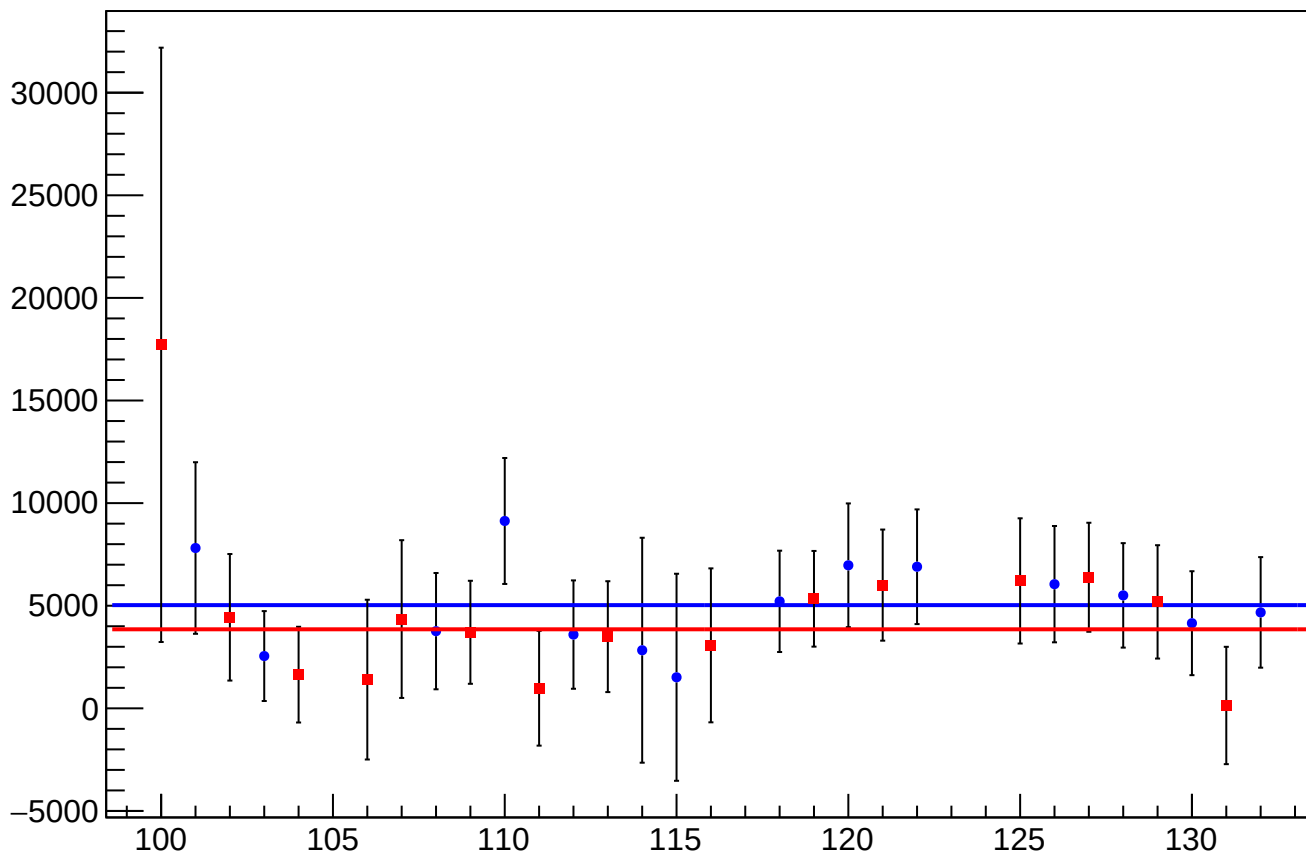
Right: 4194.500+/-0.908 χ^2/NDF : 2409579.1/28

In: 4293.969+/-1.312 χ^2/NDF : 1116284.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4194.500+/-0.908 χ^2/NDF : 2409579.1/28

eigen_cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5029.484+/-769.867 χ^2/NDF : 5.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3851.417+/-756.959 χ^2/NDF : 7.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

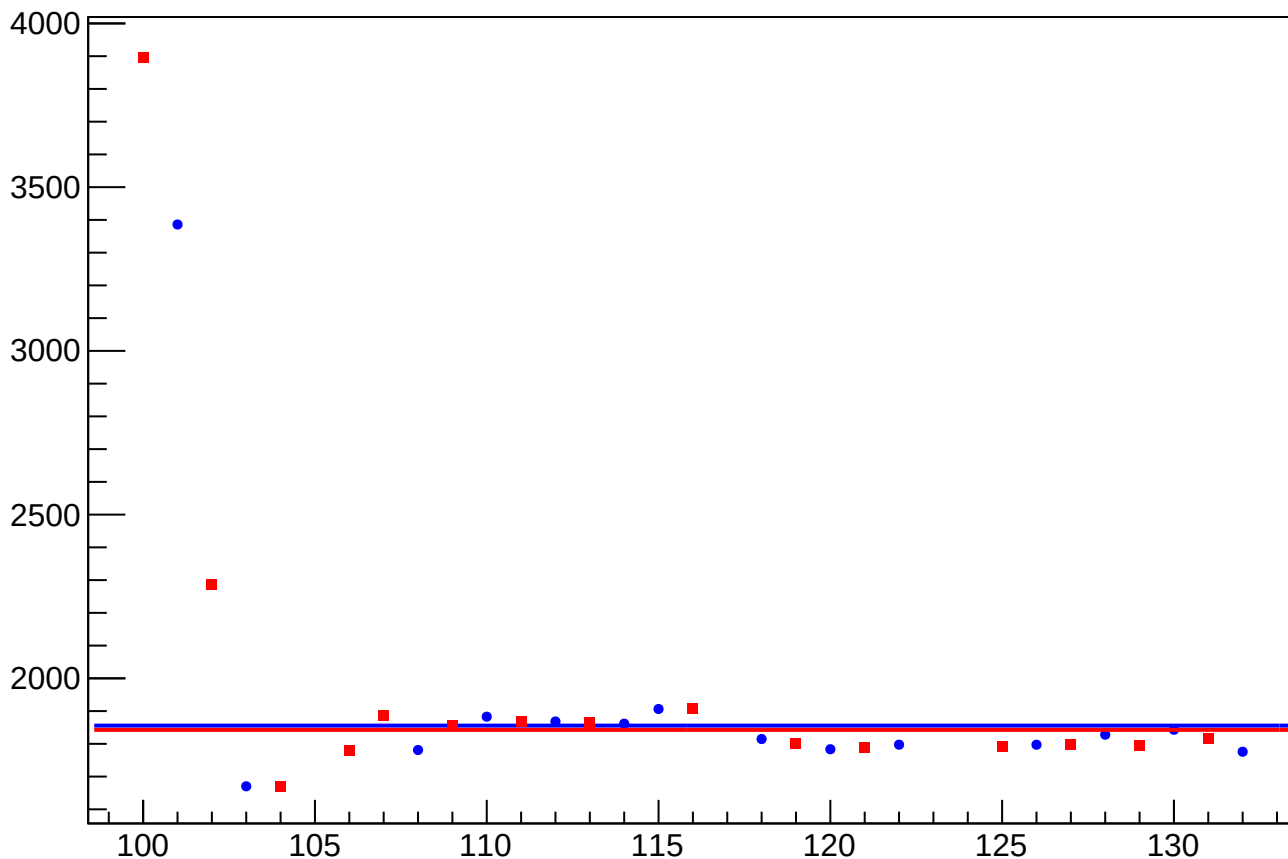
Right: 4430.492+/-539.757 χ^2/NDF : 14.9/28

In: 5029.484+/-769.867 χ^2/NDF : 5.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4430.492+/-539.757 χ^2/NDF : 14.9/28

eigen_cor_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1855.615+/-0.544 χ^2/NDF : 289609.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1842.703+/-0.534 χ^2/NDF : 97783.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

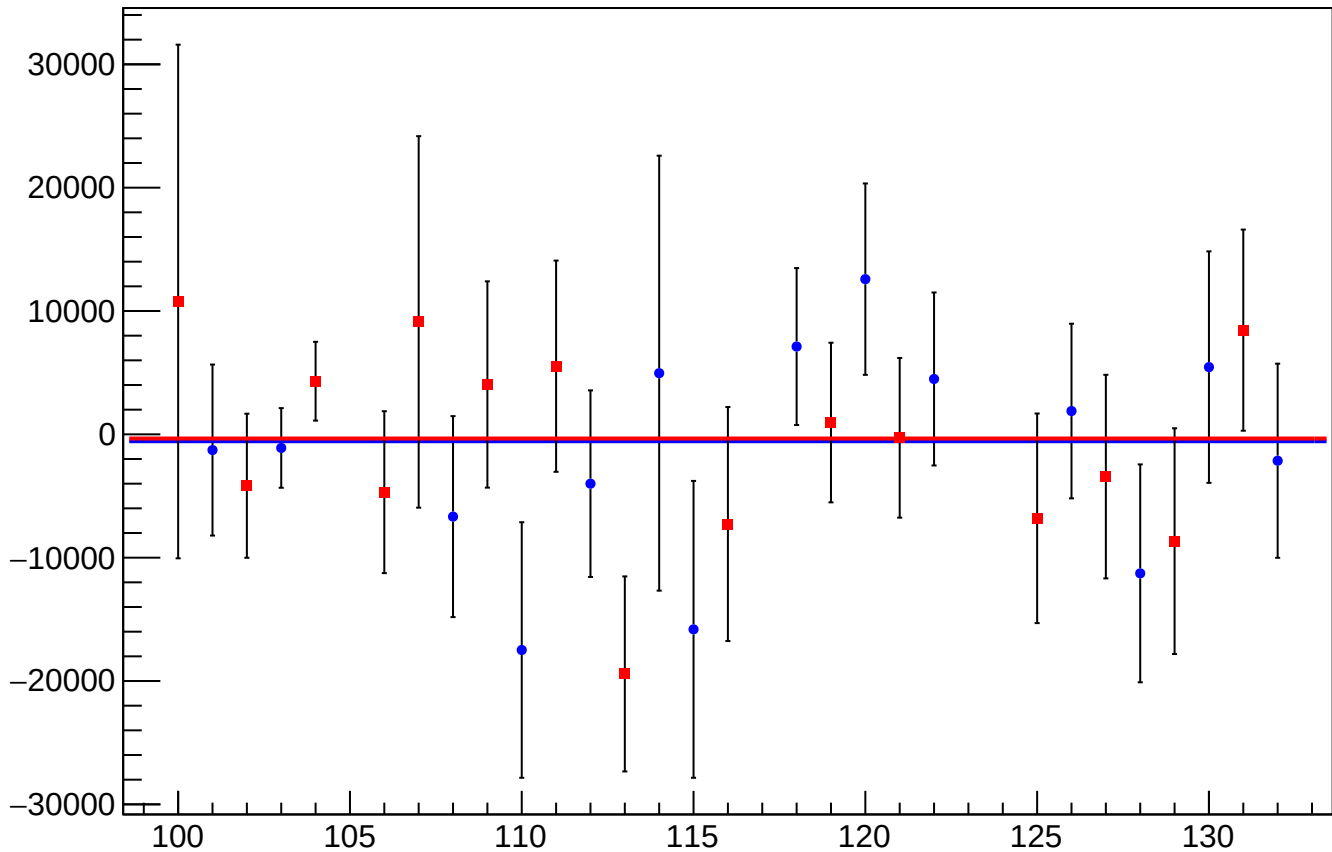
Right: 1849.029+/-0.381 χ^2/NDF : 387680.5/28

In: 1855.615+/-0.544 χ^2/NDF : 289609.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1849.029+/-0.381 χ^2/NDF : 387680.5/28

asym_us_avg_atlr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -557.292+/-1854.837 χ^2/NDF : 12.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -338.514+/-1780.082 χ^2/NDF : 13.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

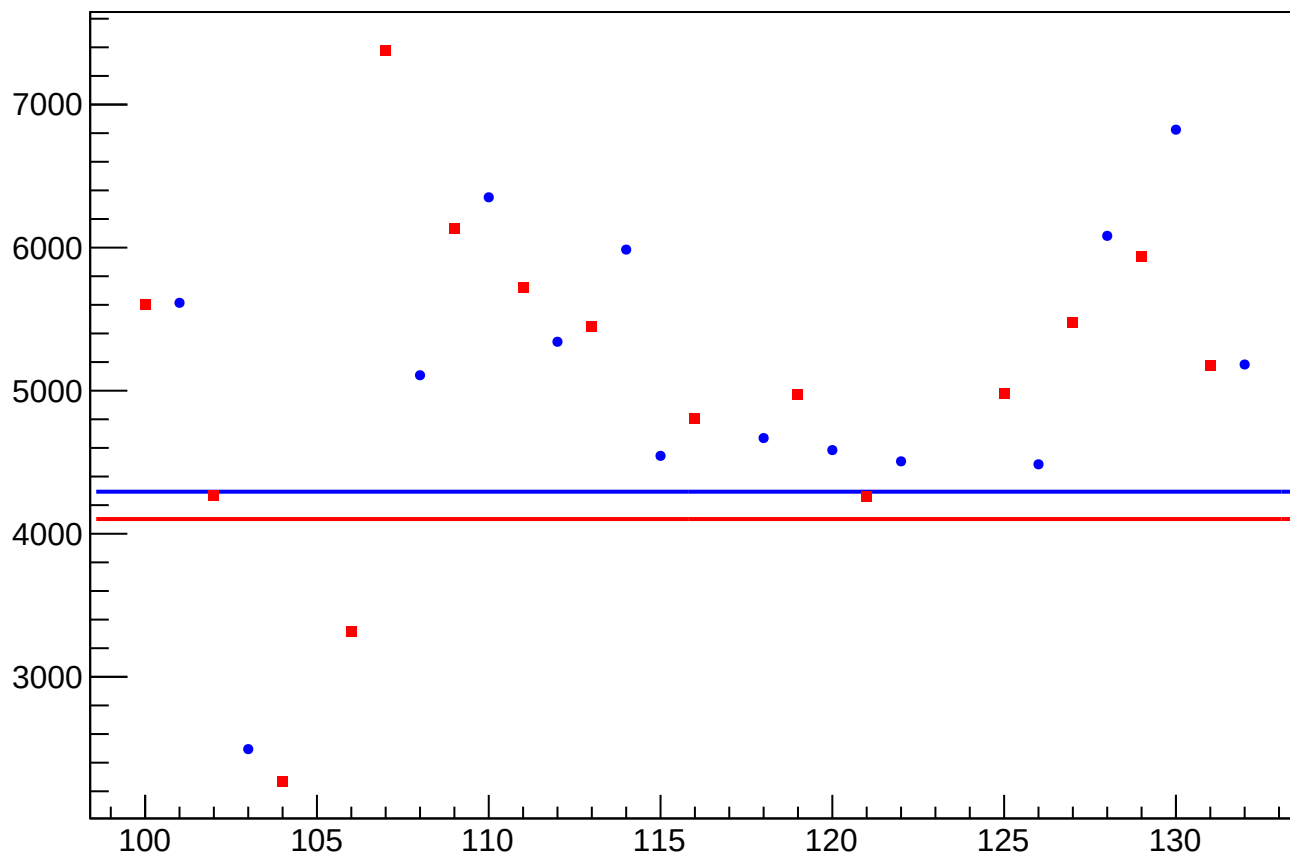
Right: -443.406+/-1284.323 χ^2/NDF : 25.6/28

In: -557.292+/-1854.837 χ^2/NDF : 12.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -443.406+/-1284.323 χ^2/NDF : 25.6/28

asym_us_avg_atlr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4293.969+/-1.312 χ^2/NDF : 1116284.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4102.888+/-1.259 χ^2/NDF : 1282245.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

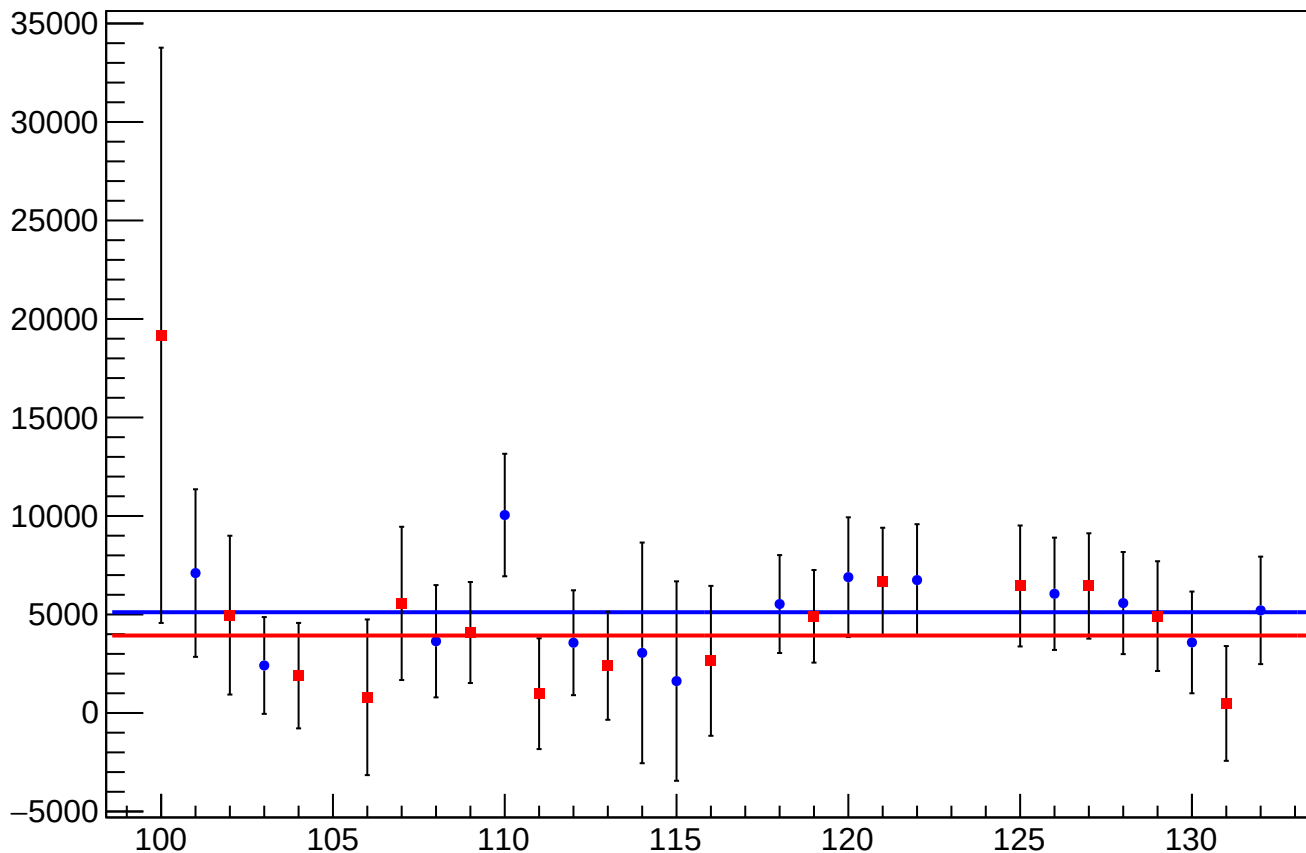
Right: 4194.500+/-0.908 χ^2/NDF : 2409579.1/28

In: 4293.969+/-1.312 χ^2/NDF : 1116284.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4194.500+/-0.908 χ^2/NDF : 2409579.1/28

dit_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5114.913+/-788.019 χ^2/NDF : 6.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3931.874+/-784.535 χ^2/NDF : 8.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

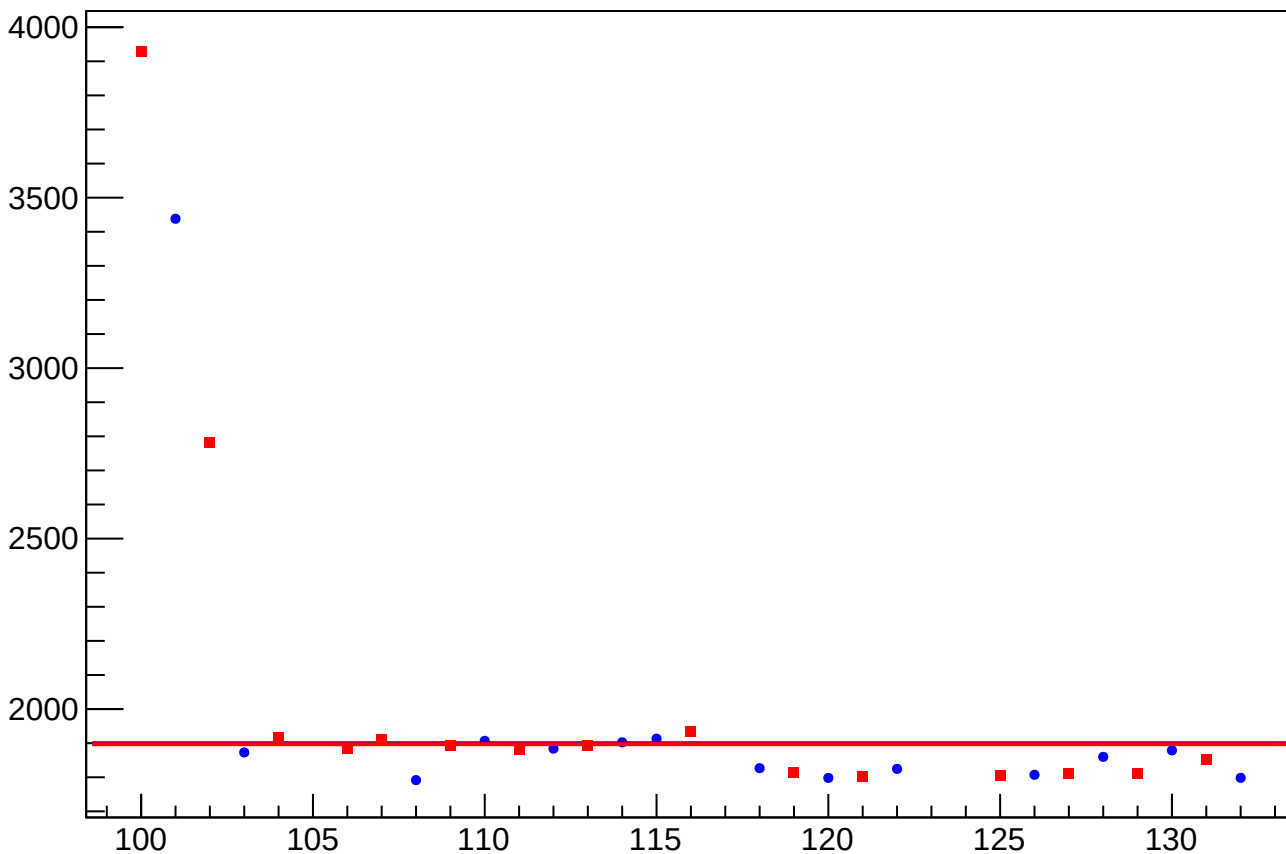
Right: 4520.772+/-555.978 χ^2/NDF : 15.8/28

In: 5114.913+/-788.019 χ^2/NDF : 6.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4520.772+/-555.978 χ^2/NDF : 15.8/28

dit_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1899.829+/-0.557 χ^2/NDF : 275708.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1896.877+/-0.554 χ^2/NDF : 146643.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

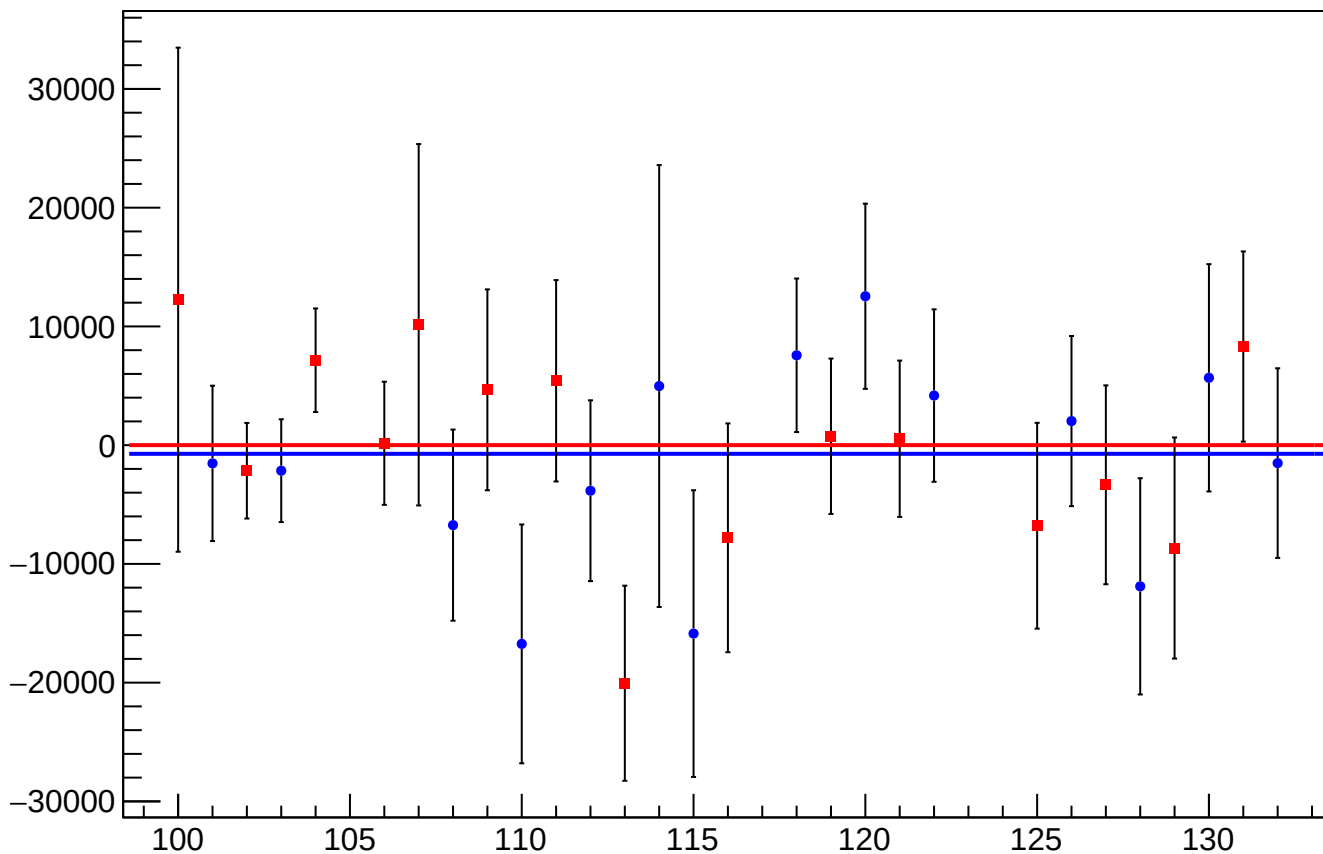
Right: 1898.345+/-0.393 χ^2/NDF : 422365.6/28

In: 1899.829+/-0.557 χ^2/NDF : 275708.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1898.345+/-0.393 χ^2/NDF : 422365.6/28

asym_us_avg_atlr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -729.254+/-2014.107 χ^2/NDF : 12.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.554+/-1788.563 χ^2/NDF : 13.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

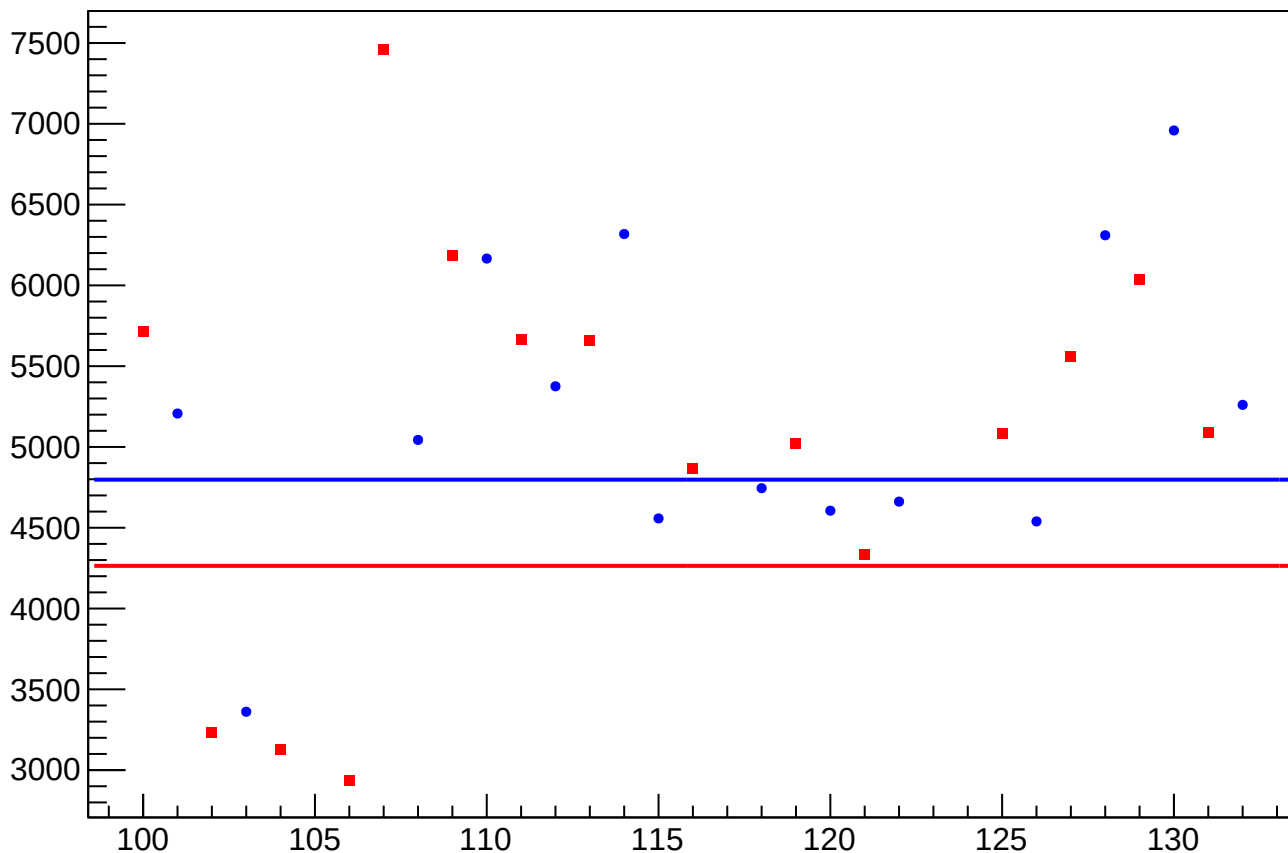
Right: -320.097+/-1337.367 χ^2/NDF : 26.0/28

In: -729.254+/-2014.107 χ^2/NDF : 12.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -320.097+/-1337.367 χ^2/NDF : 26.0/28

asym_us_avg_atlr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4797.599+/-1.424 χ^2/NDF : 461066.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4264.190+/-1.265 χ^2/NDF : 904515.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

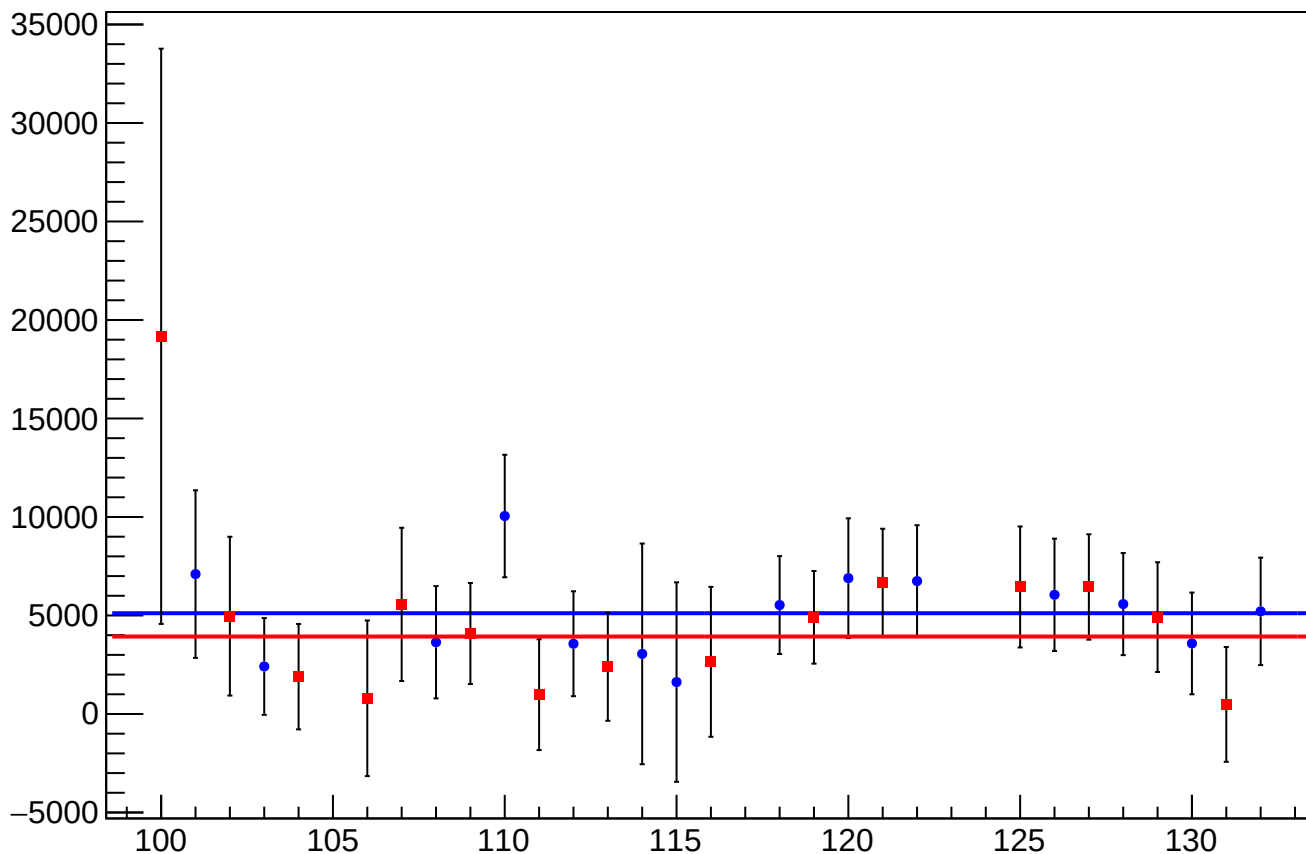
Right: 4499.367+/-0.946 χ^2/NDF : 1444011.3/28

In: 4797.599+/-1.424 χ^2/NDF : 461066.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4499.367+/-0.946 χ^2/NDF : 1444011.3/28

eigen_dit_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5114.915+/-788.019 χ^2/NDF : 6.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3931.876+/-784.534 χ^2/NDF : 8.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

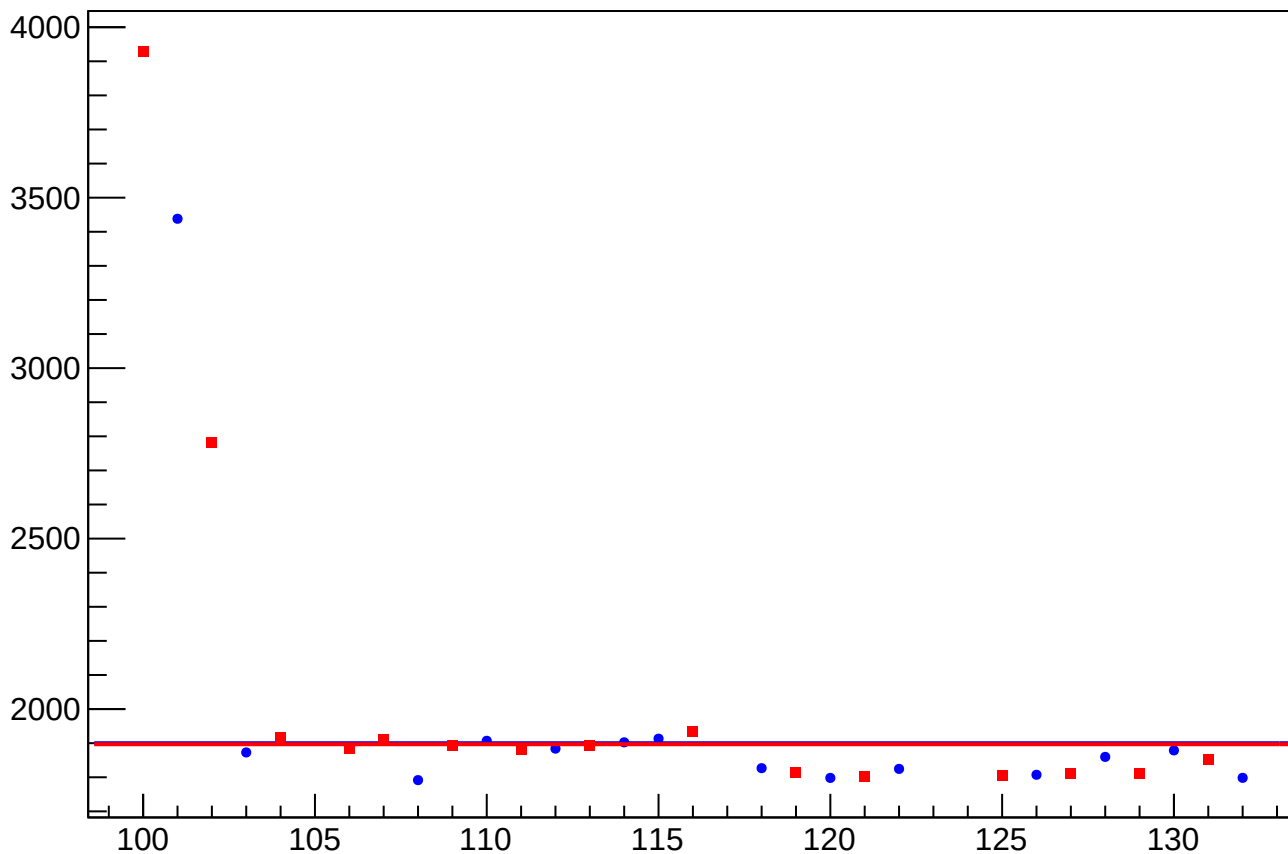
Right: 4520.774+/-555.978 χ^2/NDF : 15.8/28

In: 5114.915+/-788.019 χ^2/NDF : 6.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4520.774+/-555.978 χ^2/NDF : 15.8/28

eigen_dit_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1899.828+/-0.557 χ^2/NDF : 275708.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1896.876+/-0.554 χ^2/NDF : 146642.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

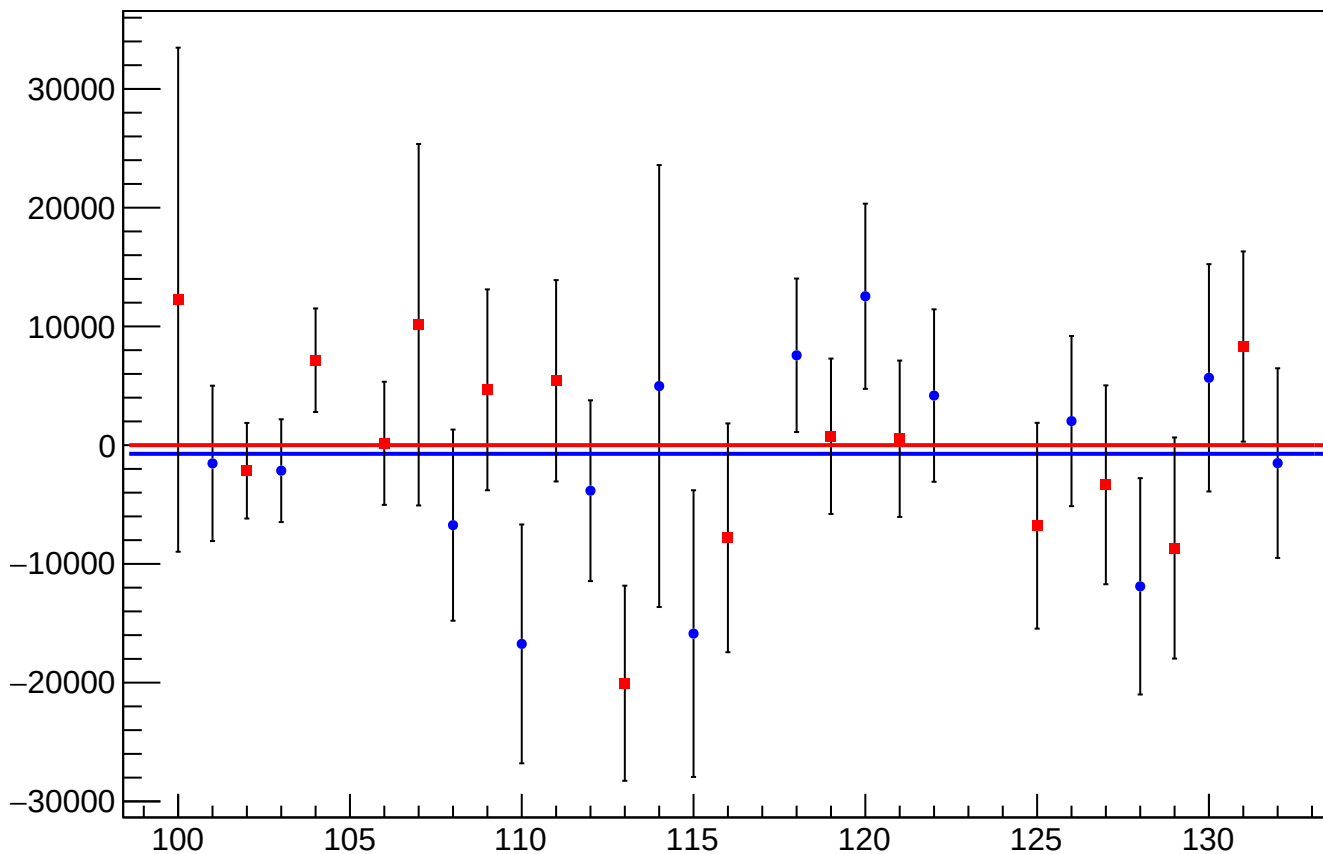
Right: 1898.344+/-0.393 χ^2/NDF : 422365.2/28

In: 1899.828+/-0.557 χ^2/NDF : 275708.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1898.344+/-0.393 χ^2/NDF : 422365.2/28

asym_us_avg_atlr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -729.249+/-2014.101 χ^2/NDF : 12.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.556+/-1788.557 χ^2/NDF : 13.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

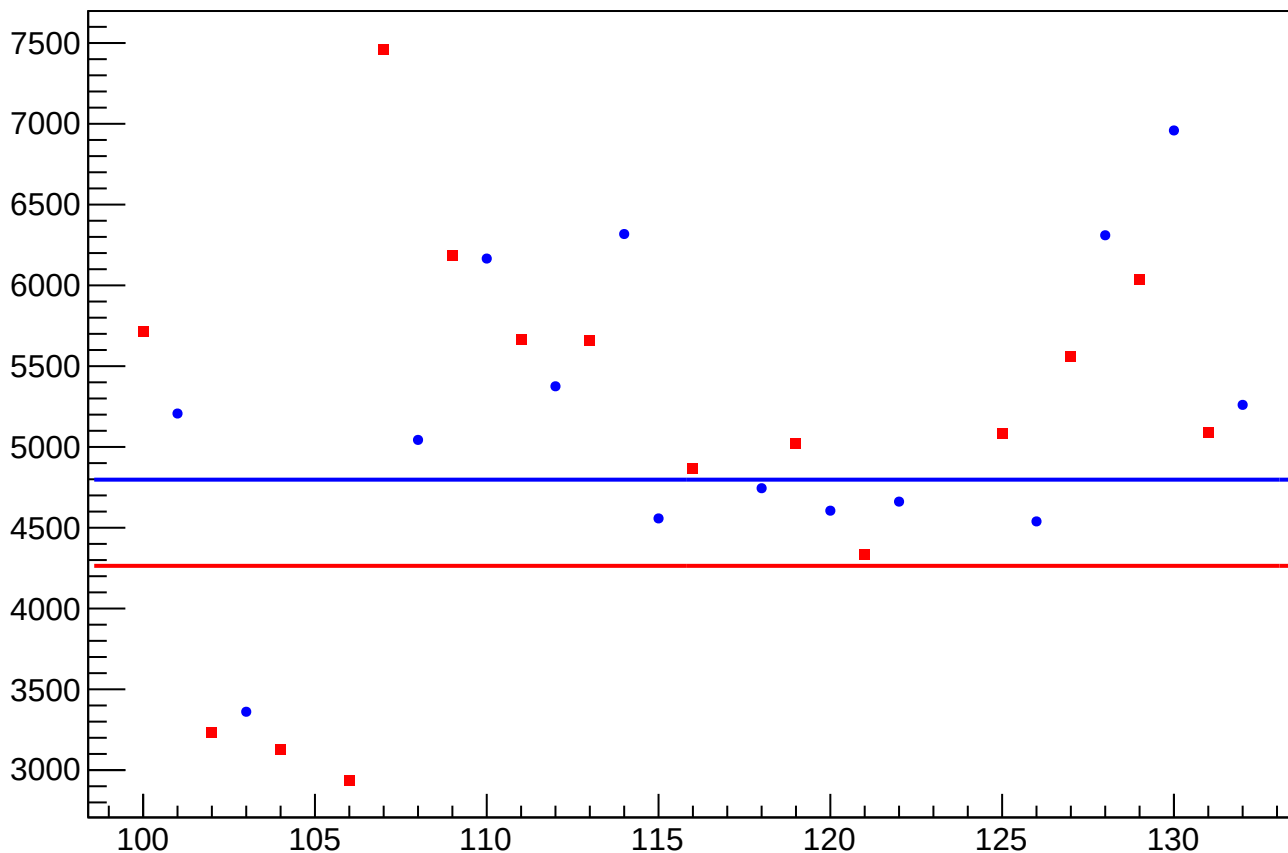
Right: -320.093+/-1337.363 χ^2/NDF : 26.0/28

In: -729.249+/-2014.101 χ^2/NDF : 12.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -320.093+/-1337.363 χ^2/NDF : 26.0/28

asym_us_avg_atlr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4797.584+/-1.424 χ^2/NDF : 461065.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4264.178+/-1.265 χ^2/NDF : 904512.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

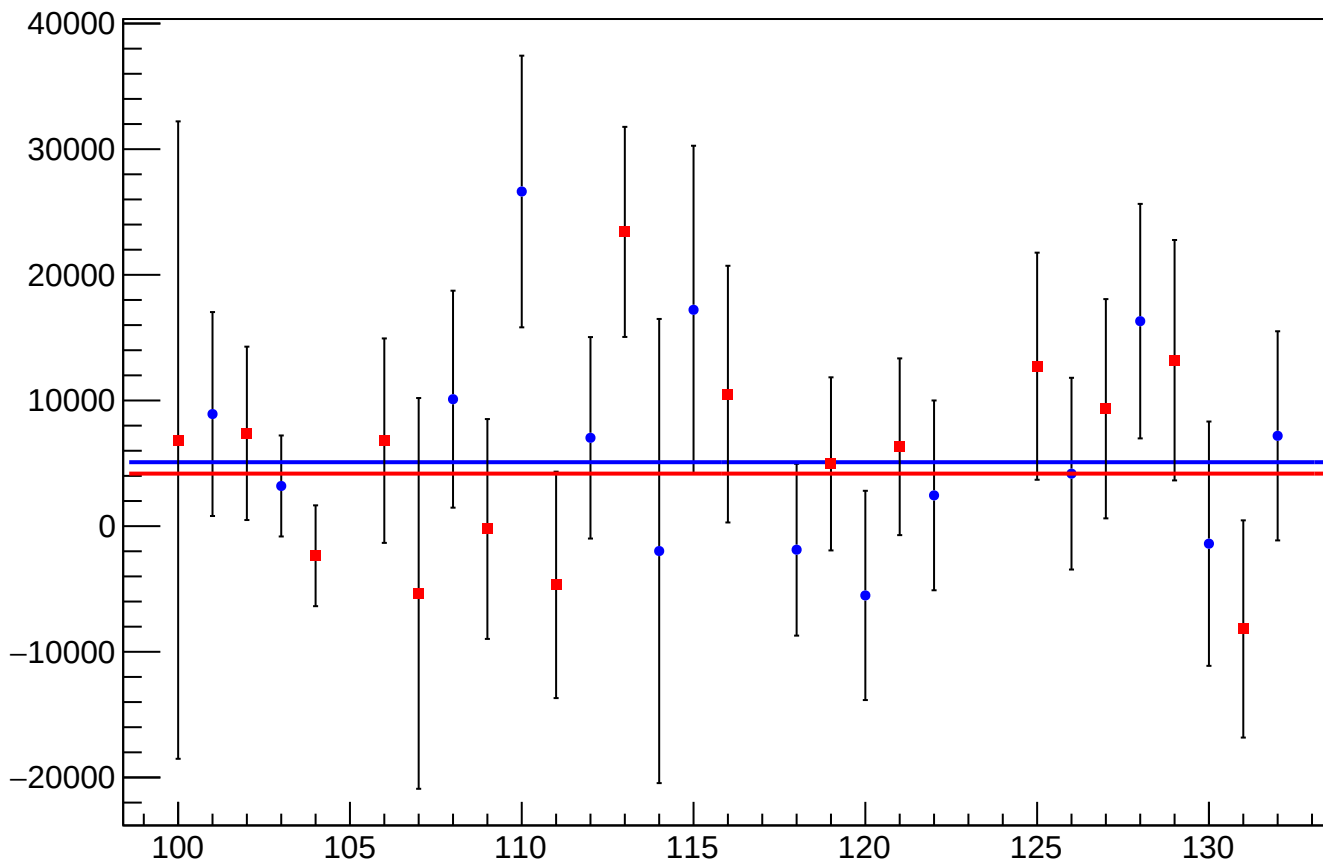
Right: 4499.355+/-0.946 χ^2/NDF : 1444007.4/28

In: 4797.584+/-1.424 χ^2/NDF : 461065.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4499.355+/-0.946 χ^2/NDF : 1444007.4/28

asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5089.283+/-2083.067 χ^2/NDF : 10.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4180.746+/-2023.574 χ^2/NDF : 14.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

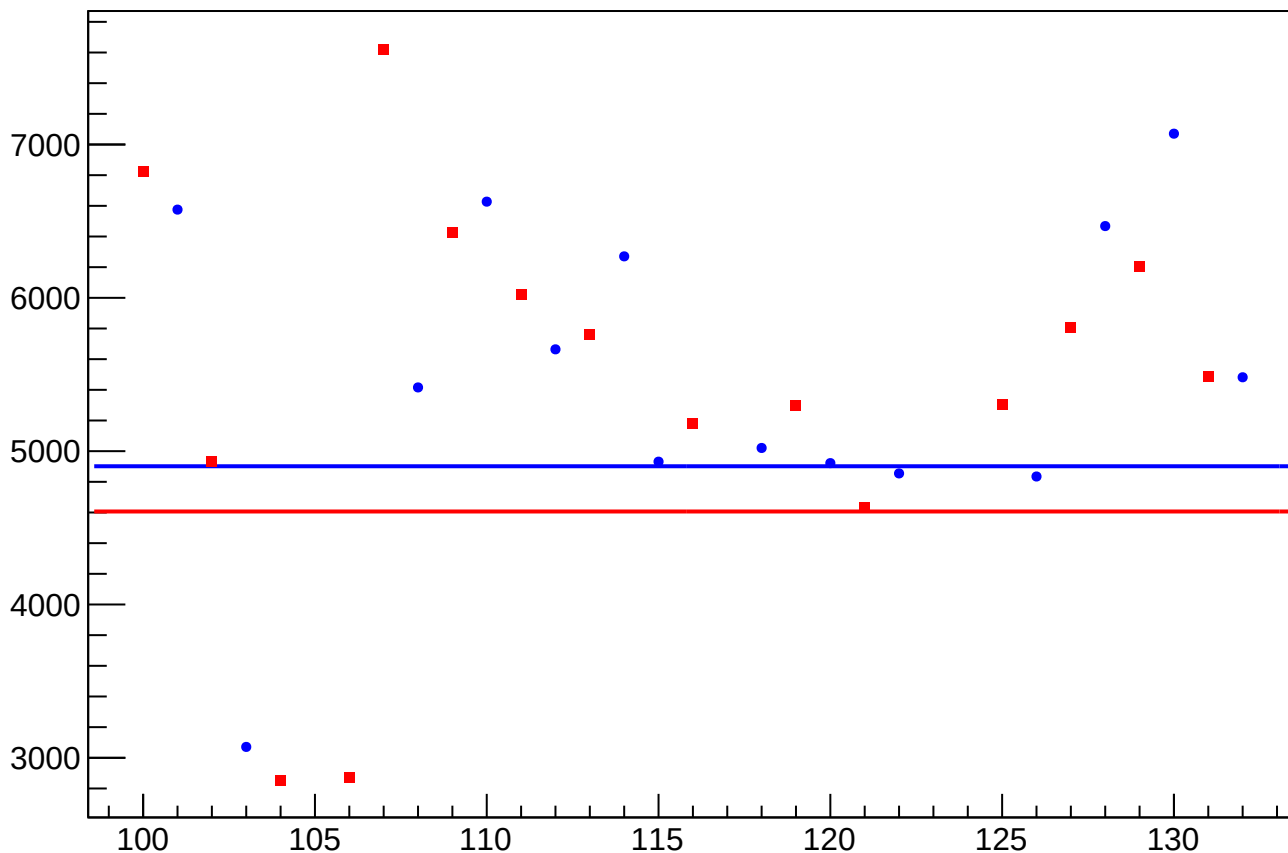
Right: 4621.855+/-1451.460 χ^2/NDF : 25.2/28

In: 5089.283+/-2083.067 χ^2/NDF : 10.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4621.855+/-1451.460 χ^2/NDF : 25.2/28

asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 4901.566+/-1.473 χ^2/NDF : 753703.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4606.568+/-1.399 χ^2/NDF : 962366.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

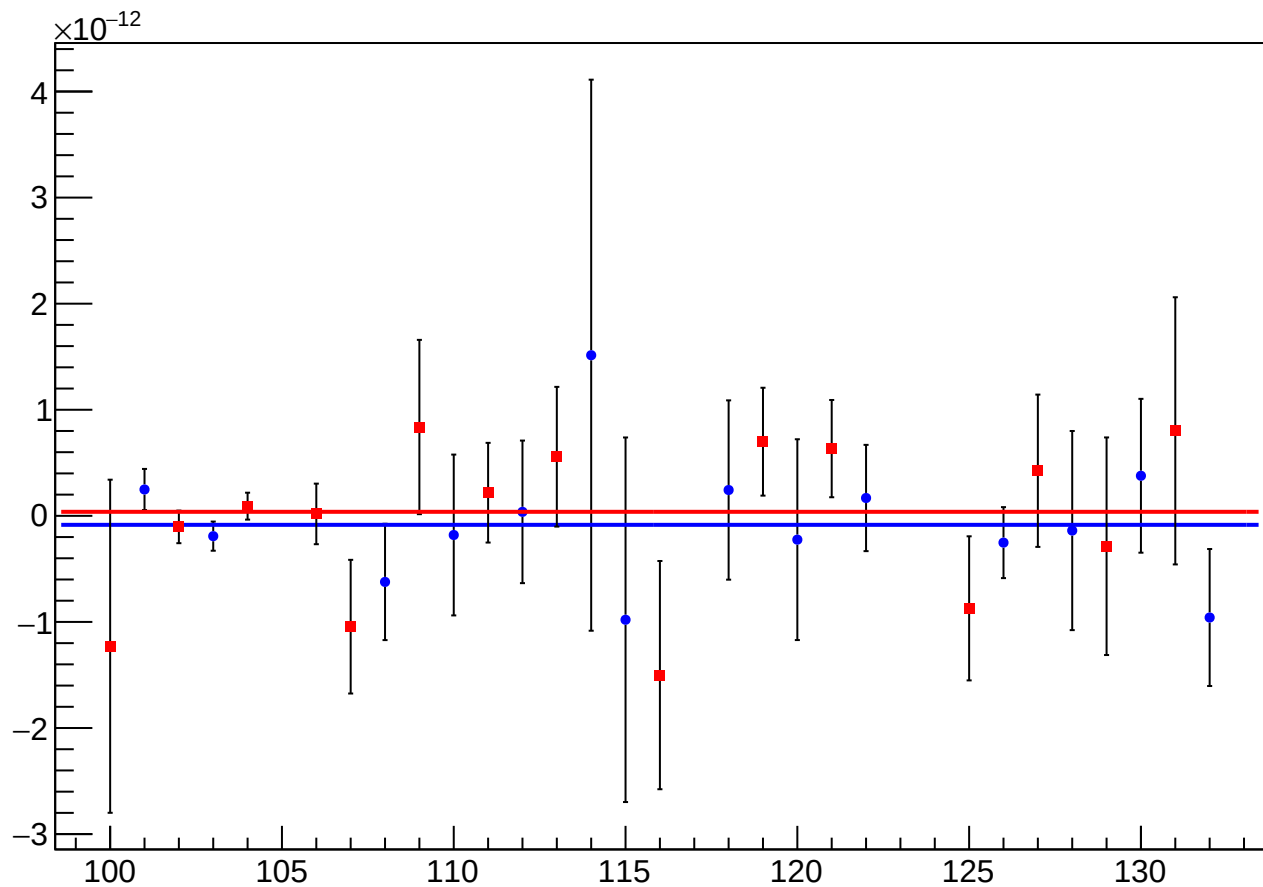
Right: 4746.478+/-1.014 χ^2/NDF : 1737157.5/28

In: 4901.566+/-1.473 χ^2/NDF : 753703.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4746.478+/-1.014 χ^2/NDF : 1737157.5/28

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

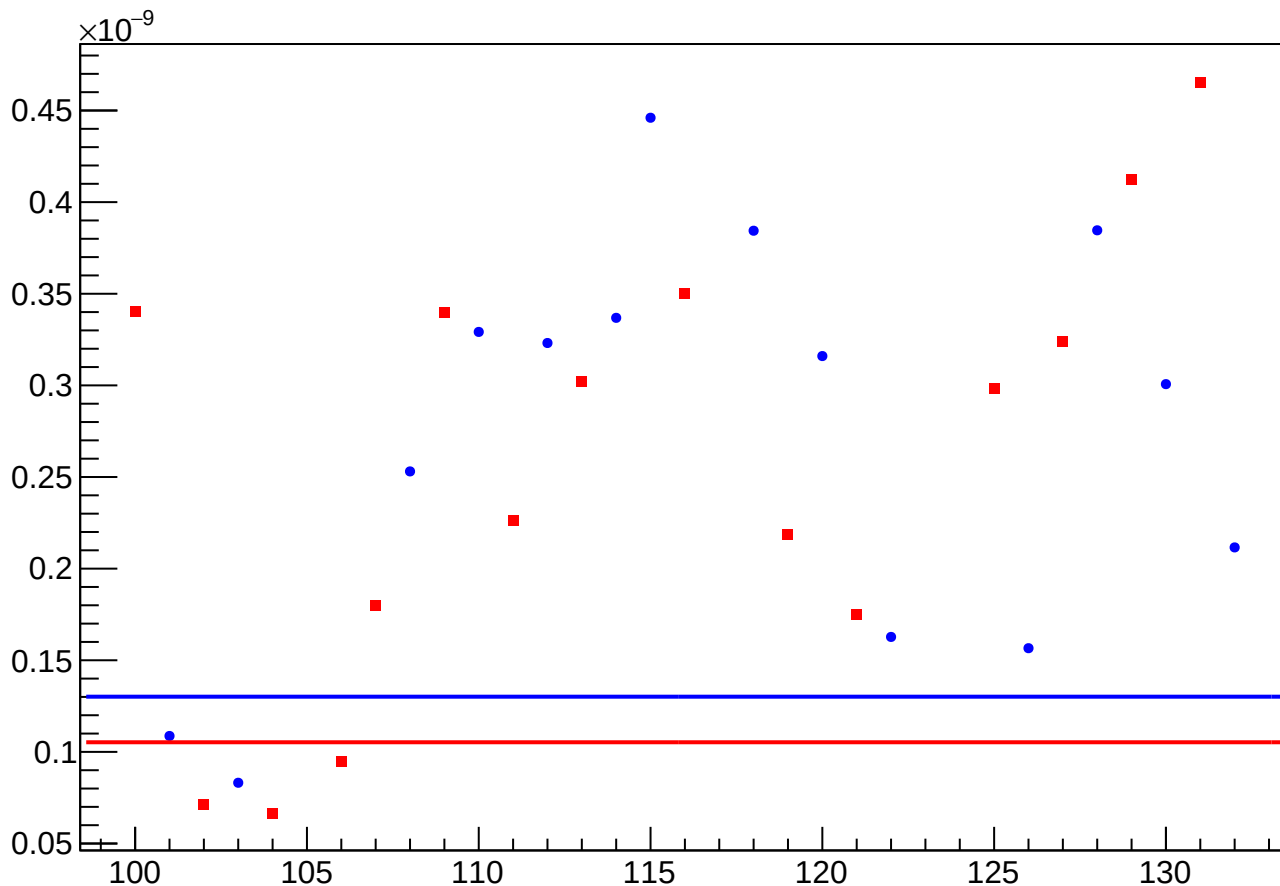
Right: -0.000+/-0.000 χ^2/NDF : 23.4/28

In: -0.000+/-0.000 χ^2/NDF : 8.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.4/28

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1310723.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1774963.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

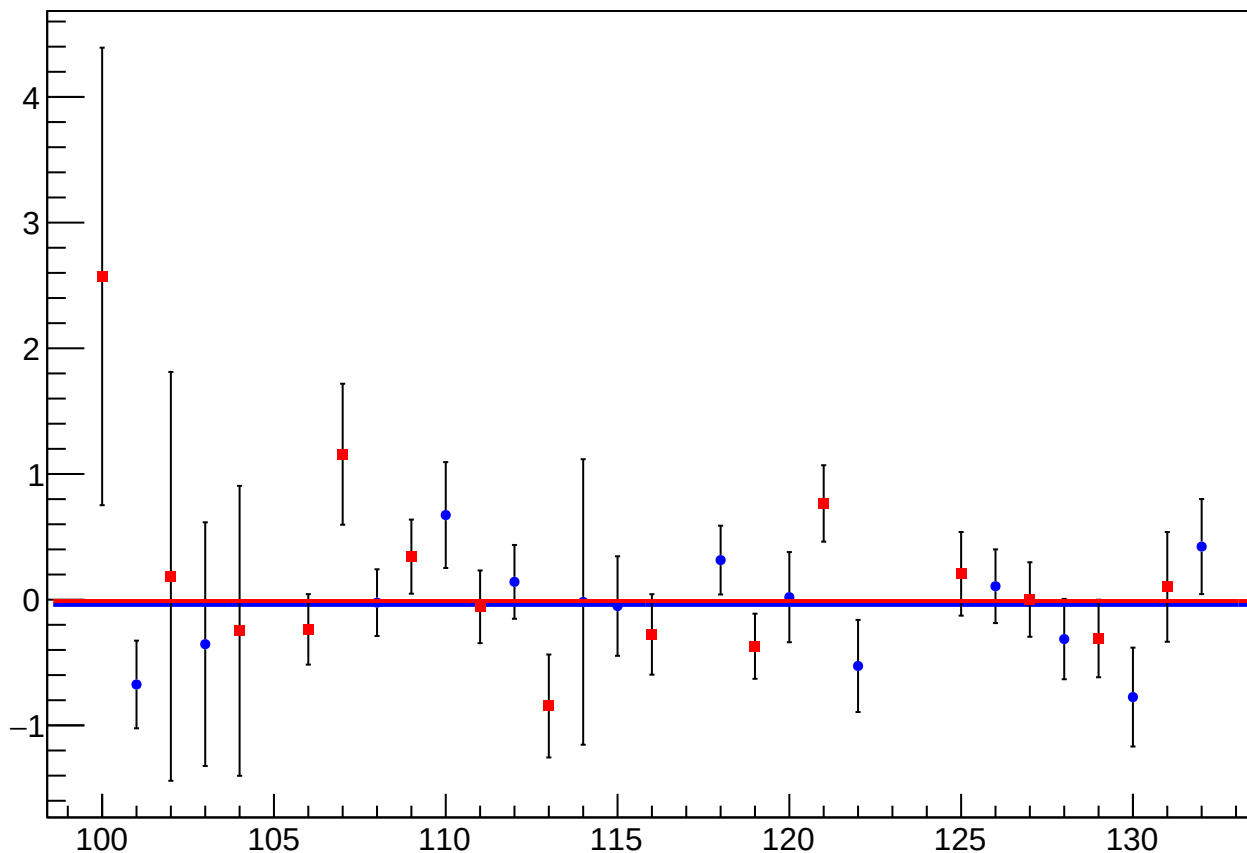
Right: 0.000+/-0.000 χ^2/NDF : 3161946.4/28

In: 0.000+/-0.000 χ^2/NDF : 1310723.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3161946.4/28

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.041 ± 0.095 χ^2/NDF : 16.1/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.011 ± 0.092 χ^2/NDF : 23.2/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

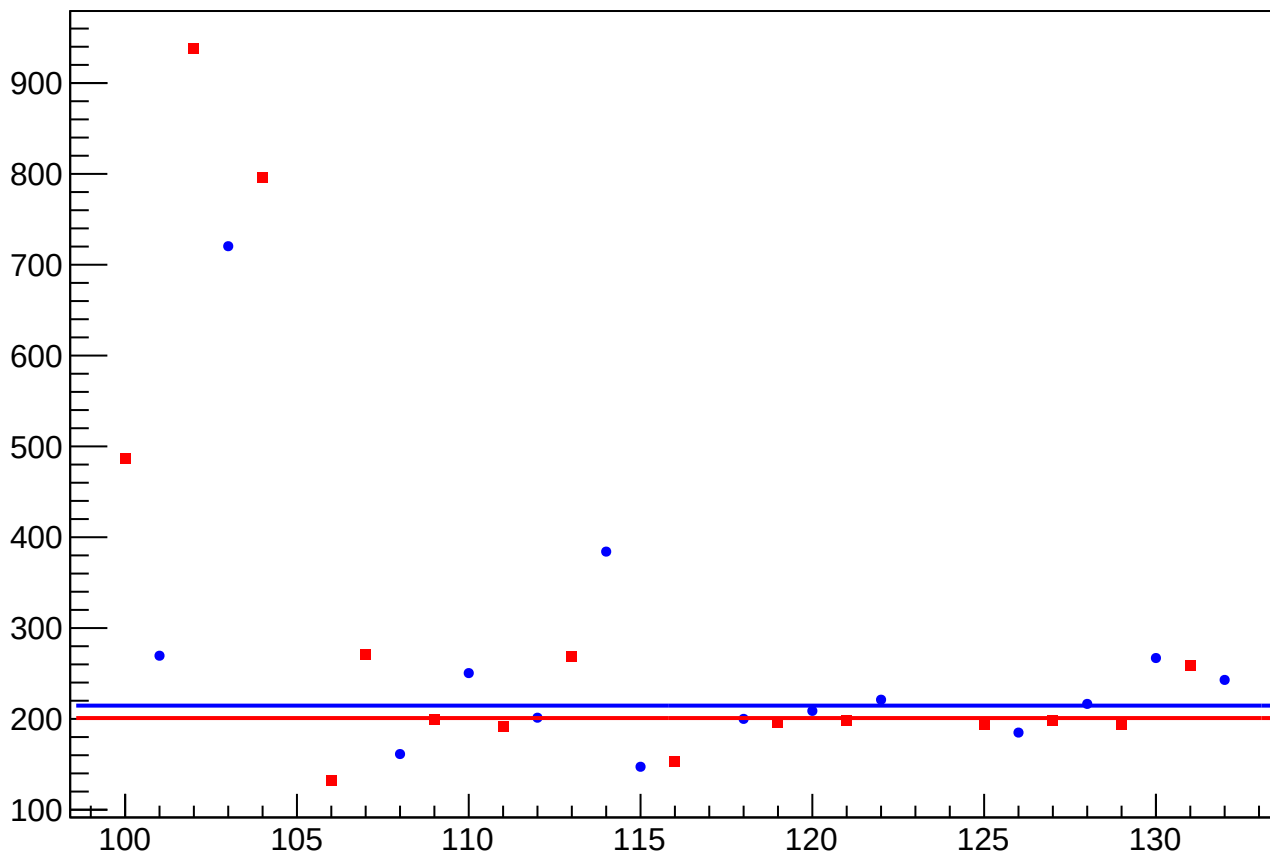
Right: -0.025 ± 0.066 χ^2/NDF : 39.4/28

In: -0.041 ± 0.095 χ^2/NDF : 16.1/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.025 ± 0.066 χ^2/NDF : 39.4/28

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 214.622+/-0.067 χ^2/NDF : 869780.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 200.928+/-0.065 χ^2/NDF : 1284258.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

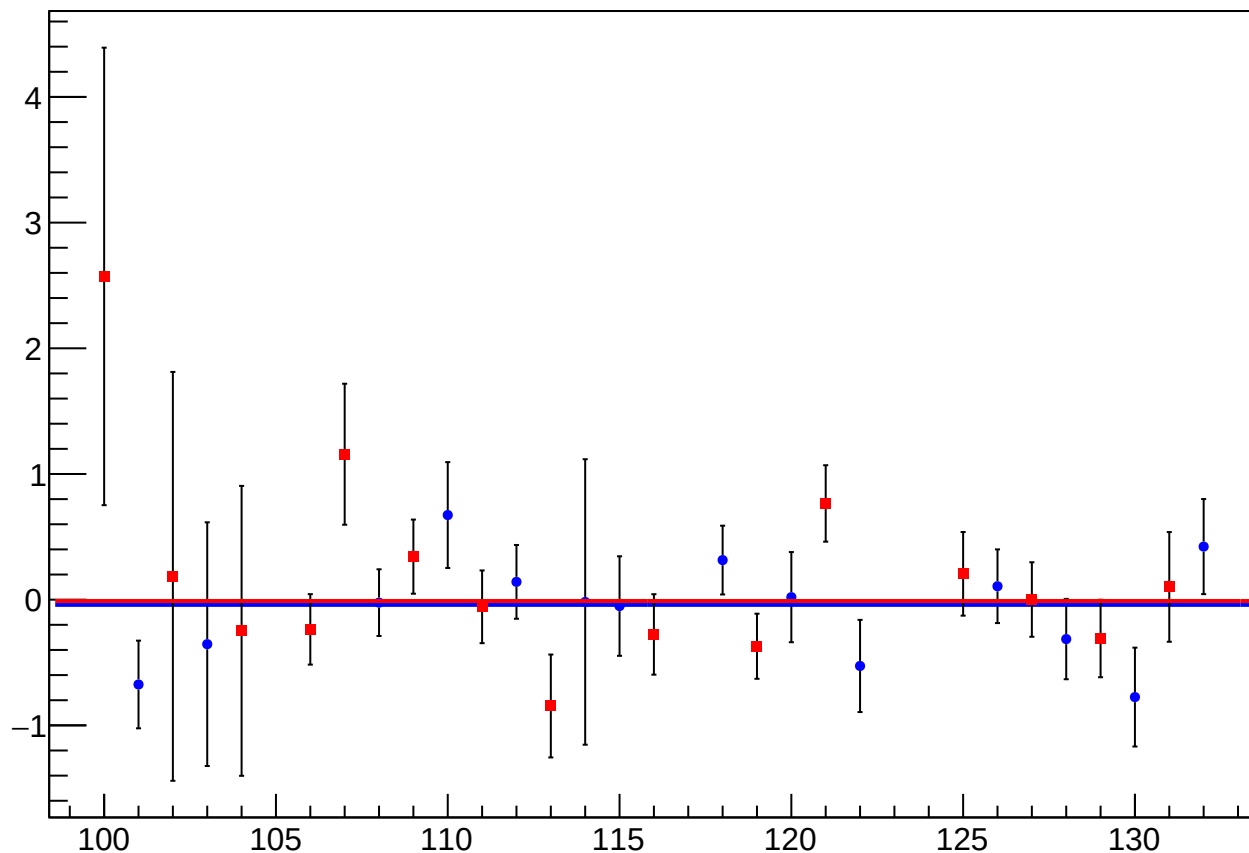
Right: 207.564+/-0.047 χ^2/NDF : 2175559.0/28

In: 214.622+/-0.067 χ^2/NDF :869780.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 207.564+/-0.047 χ^2/NDF : 2175559.0/28

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.041 ± 0.095 χ^2/NDF : 16.1/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.011 ± 0.092 χ^2/NDF : 23.2/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

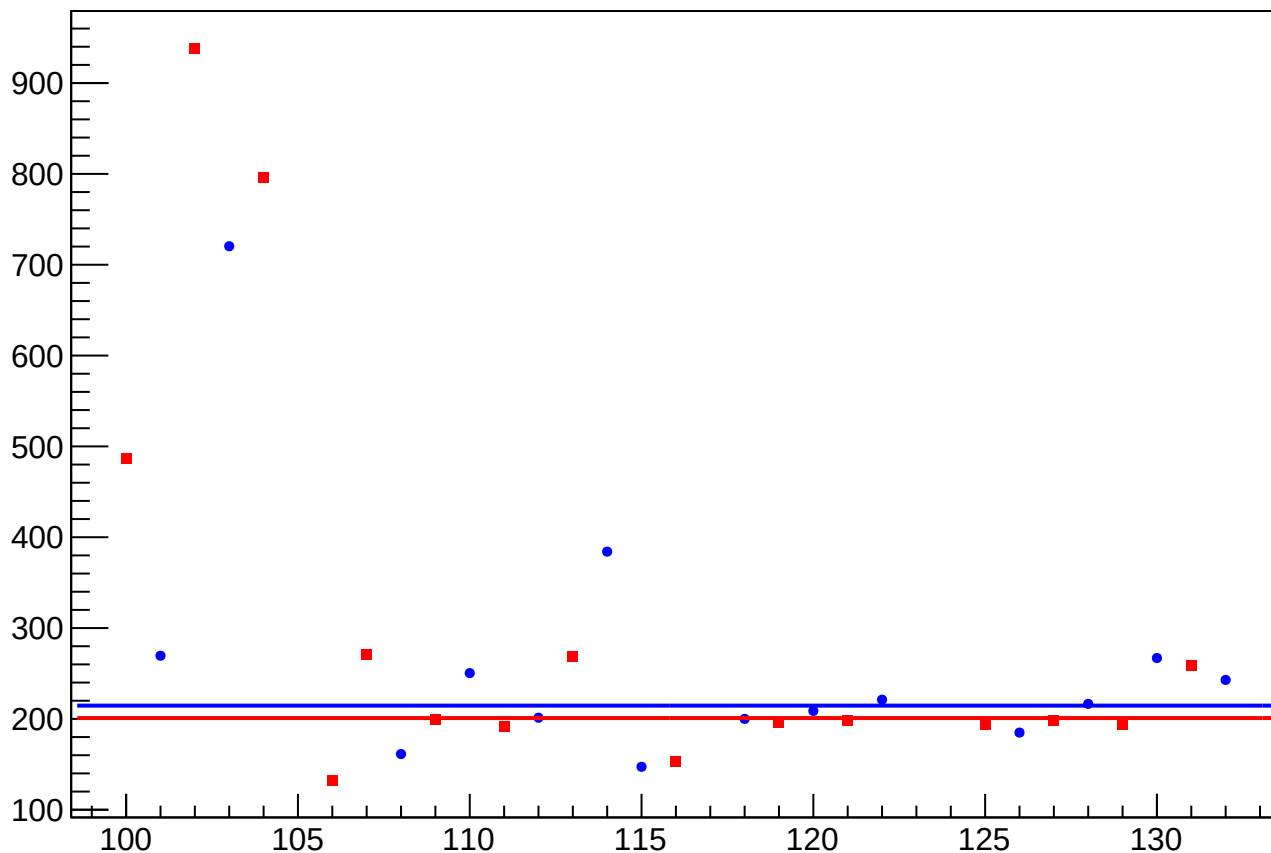
Right: -0.025 ± 0.066 χ^2/NDF : 39.4/28

In: -0.041 ± 0.095 χ^2/NDF : 16.1/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.025 ± 0.066 χ^2/NDF : 39.4/28

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 214.622 $\pm$ 0.067 χ^2 /NDF: 869780.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 200.928 $\pm$ 0.065 χ^2 /NDF: 1284258.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

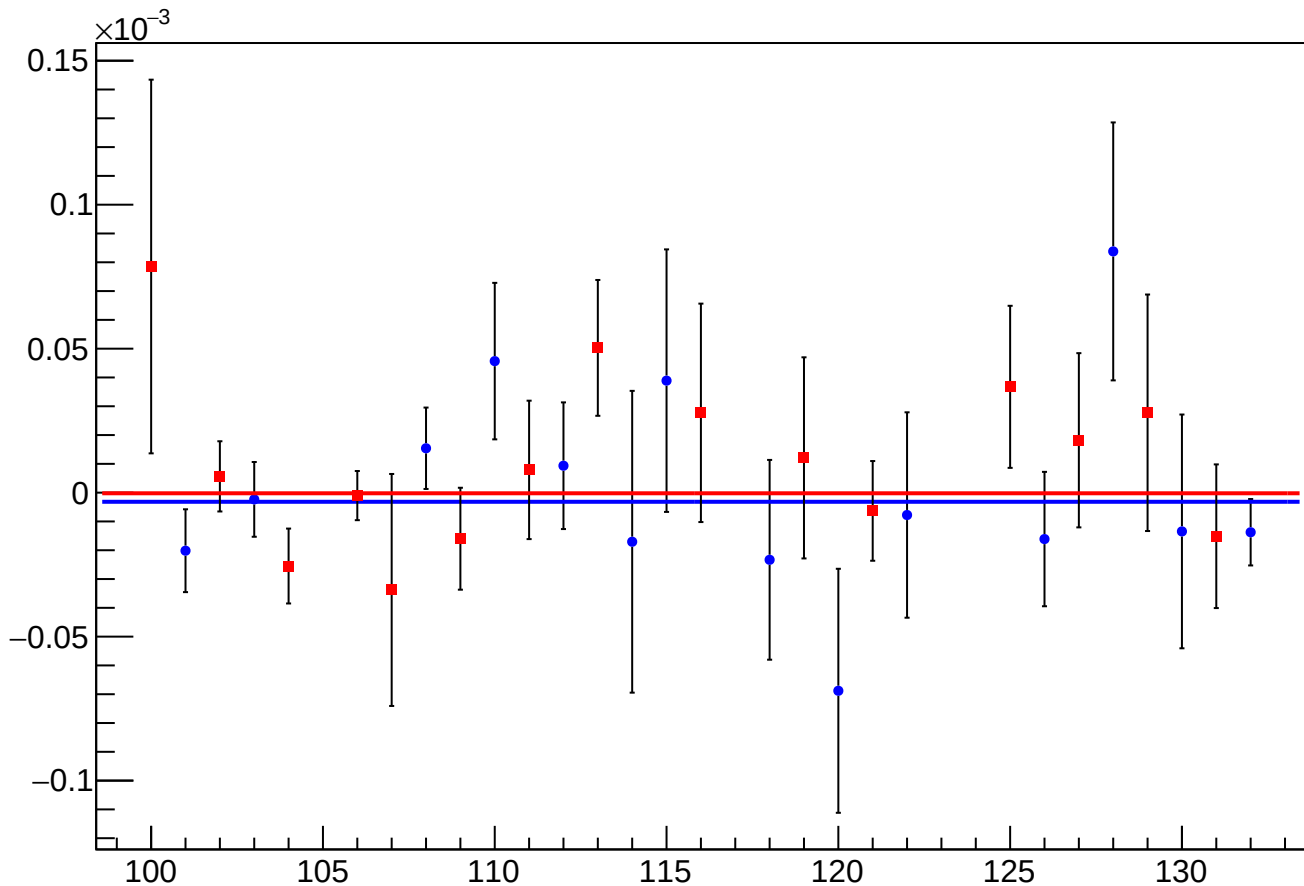
Right: 207.564 $\pm$ 0.047 χ^2 /NDF: 2175559.0/28

In: 214.622 $\pm$ 0.067 χ^2 /NDF:869780.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 207.564 $\pm$ 0.047 χ^2 /NDF: 2175559.0/28

asym_us_avg_atlr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

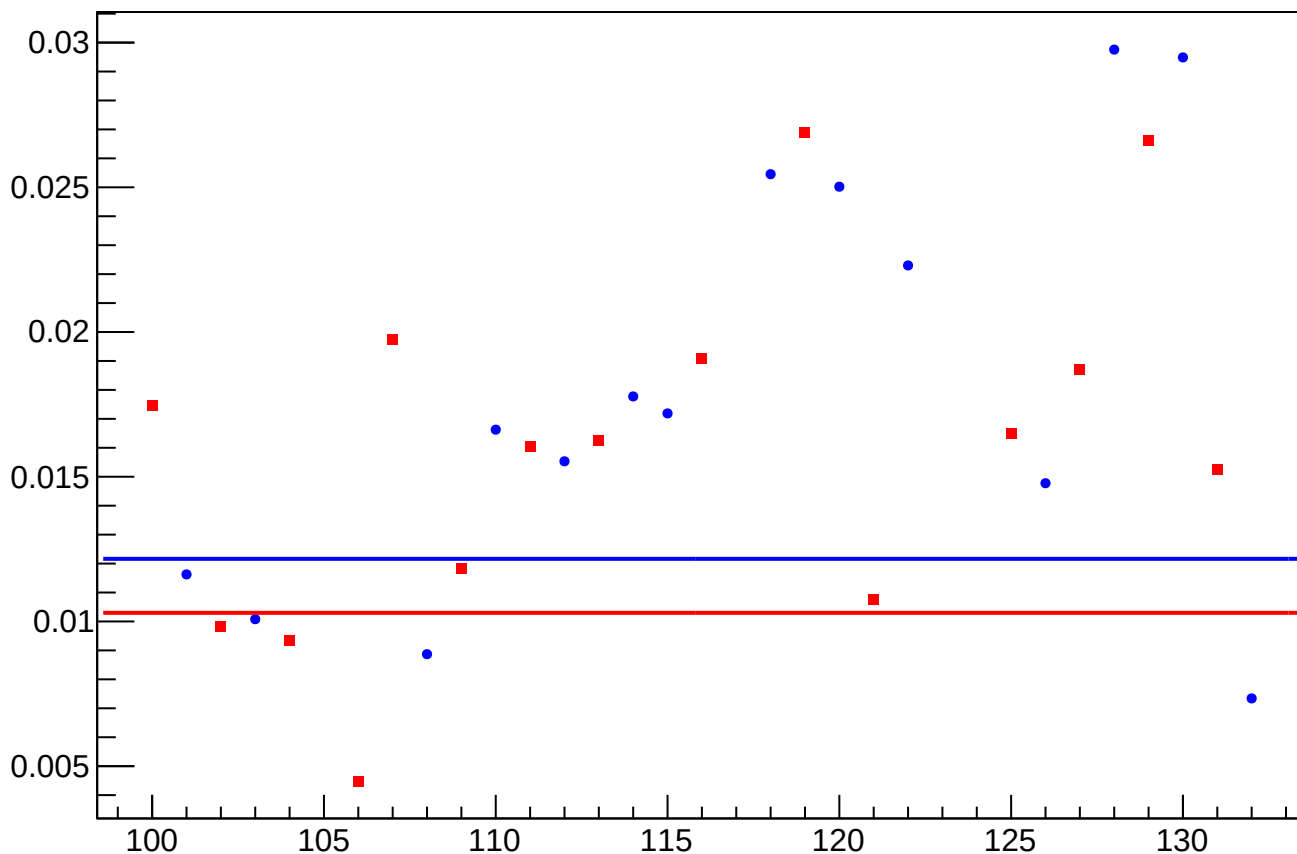
Right: -0.000+/-0.000 χ^2/NDF : 30.9/28

In: -0.000+/-0.000 χ^2/NDF : 15.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.9/28

asym_us_avg_atlr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 1998047.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 2546493.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

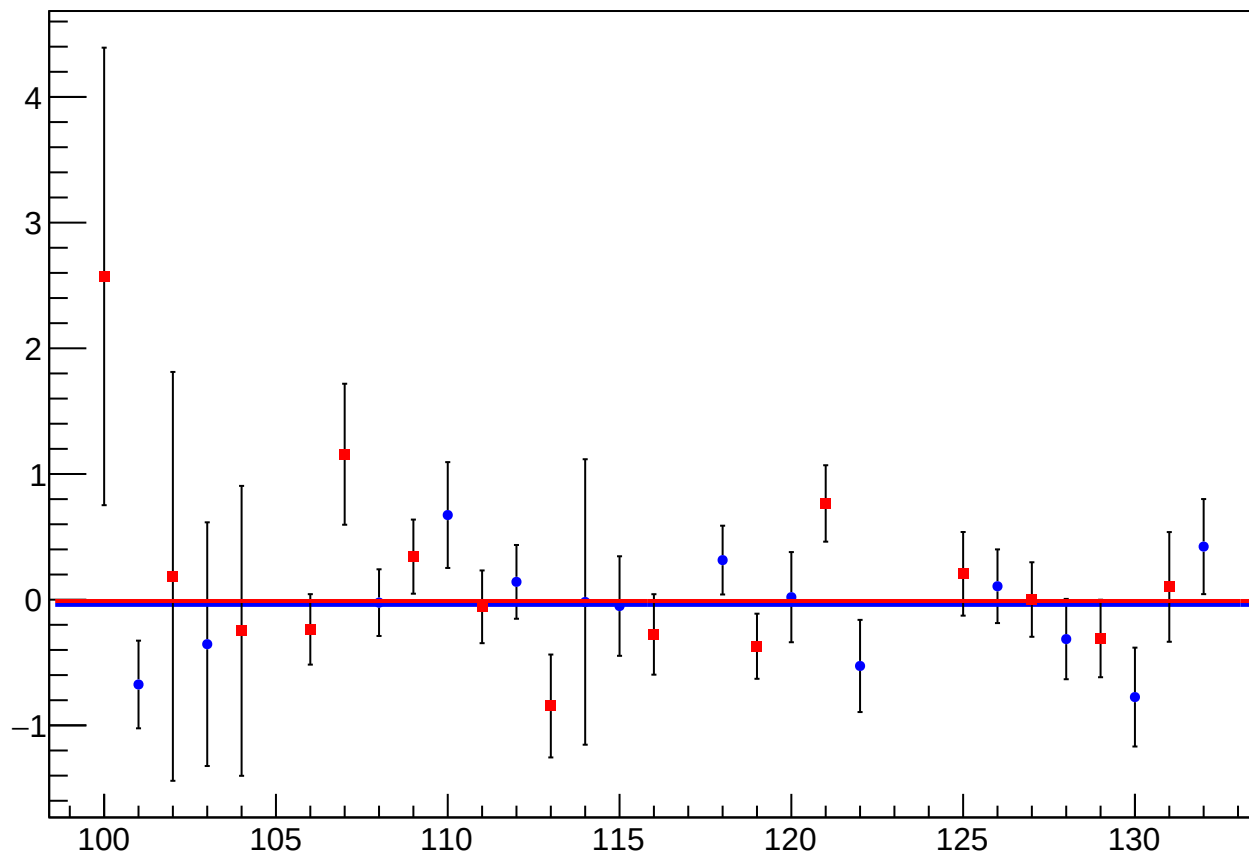
Right: 0.011+/-0.000 χ^2/NDF : 4674257.1/28

In: 0.012+/-0.000 χ^2/NDF : 1998047.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 4674257.1/28

asym_us_atlr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.041 ± 0.095 χ^2/NDF : 16.1/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.010 ± 0.092 χ^2/NDF : 23.2/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

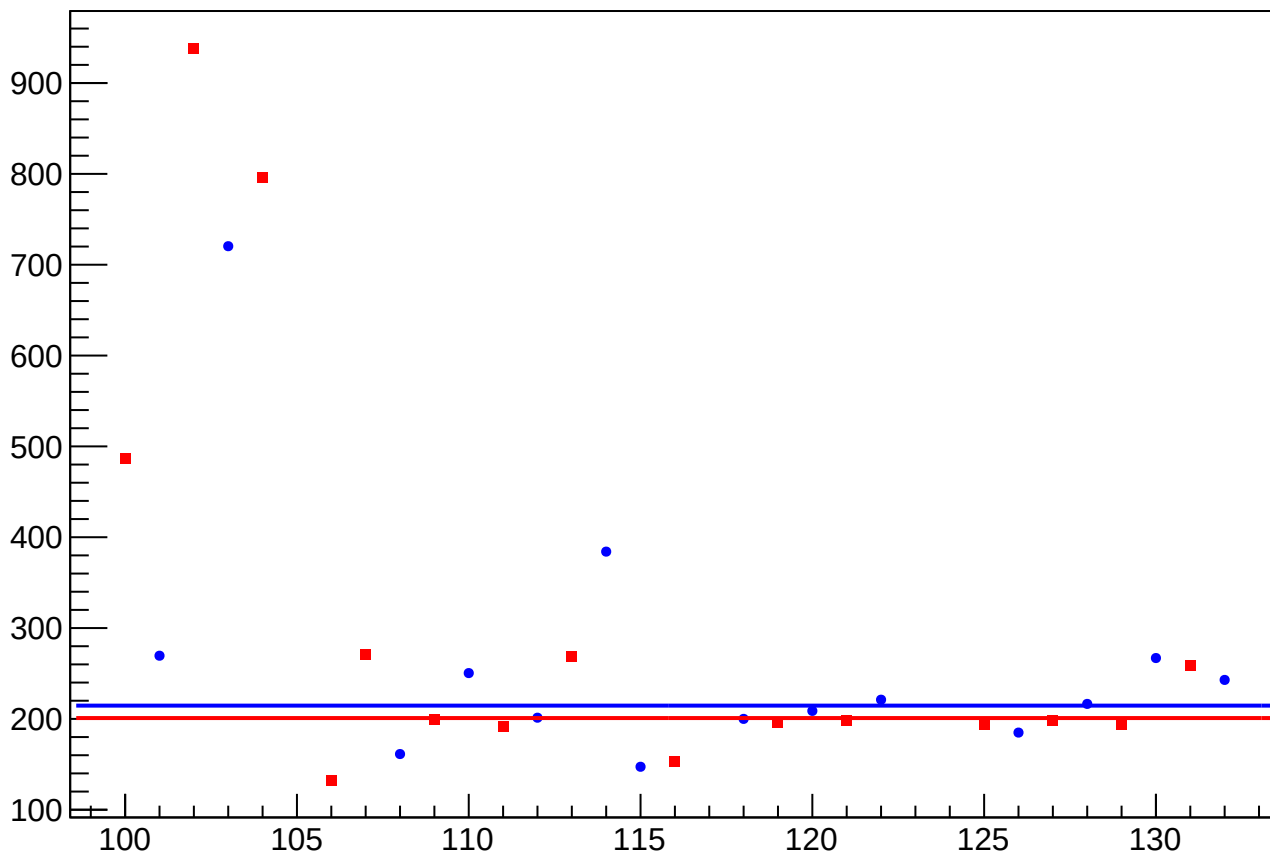
Right: -0.025 ± 0.066 χ^2/NDF : 39.4/28

In: -0.041 ± 0.095 χ^2/NDF : 16.1/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.025 ± 0.066 χ^2/NDF : 39.4/28

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 214.620 $\pm$ 0.067 χ^2/NDF : 869749.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 200.926 $\pm$ 0.065 χ^2/NDF : 1284243.6/14

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

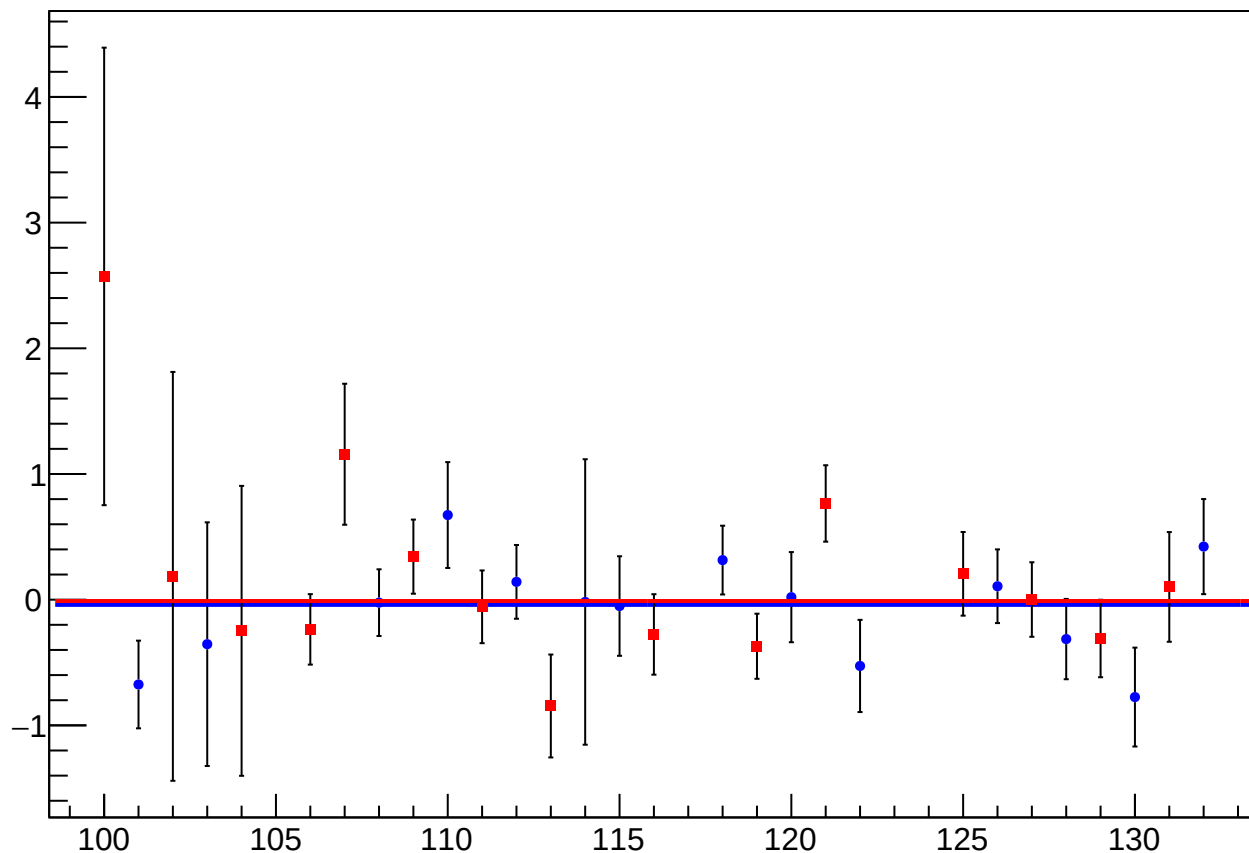
Right: 207.562 $\pm$ 0.047 χ^2/NDF : 2175514.5/28

In: 214.620 $\pm$ 0.067 χ^2/NDF : 869749.1/13

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 207.562 $\pm$ 0.047 χ^2/NDF : 2175514.5/28

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.041+/-0.095 χ^2 /NDF: 16.1/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.010+/-0.092 χ^2 /NDF: 23.2/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

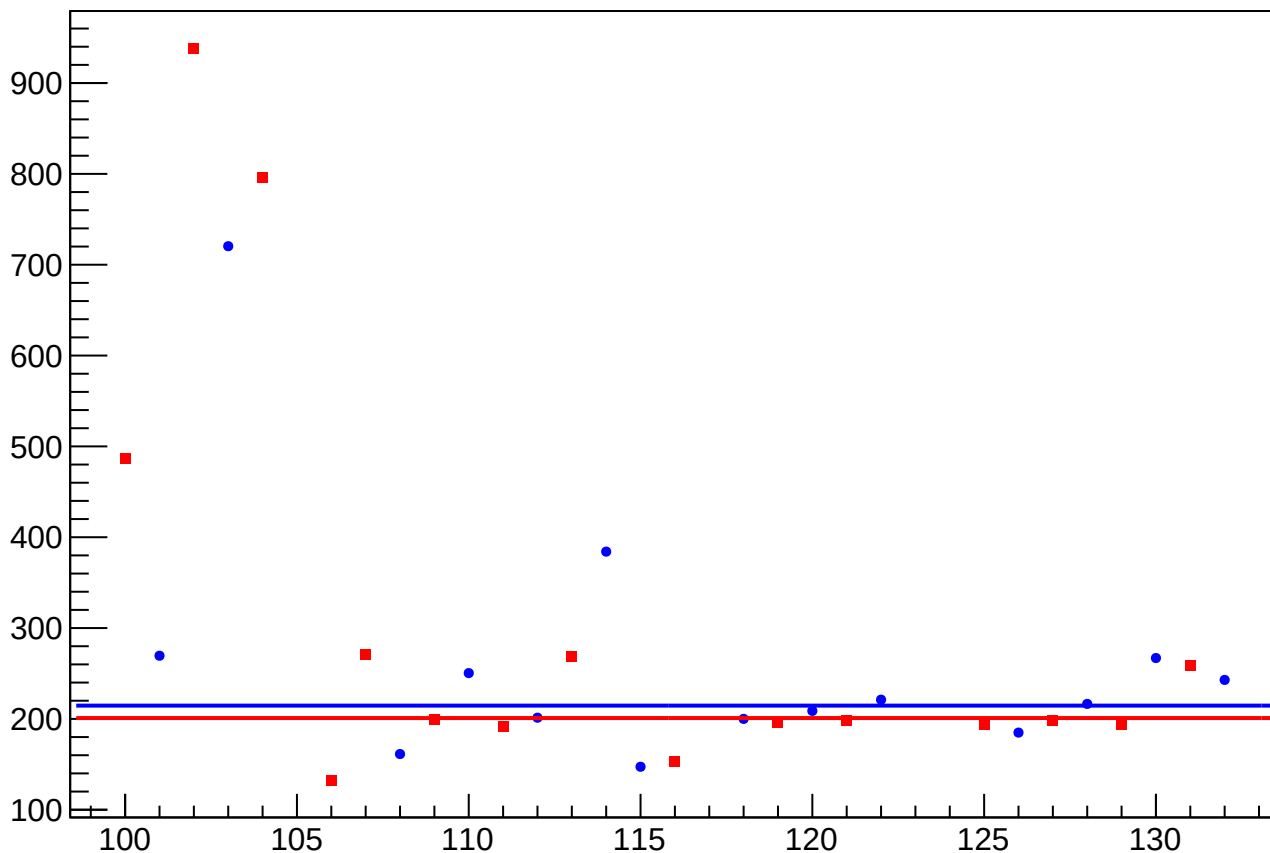
Right: -0.025+/-0.066 χ^2 /NDF: 39.4/28

In: -0.041+/-0.095 χ^2 /NDF:16.1/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.025+/-0.066 χ^2 /NDF: 39.4/28

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 214.620+/-0.067 χ^2/NDF : 869749.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 200.926+/-0.065 χ^2/NDF : 1284243.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

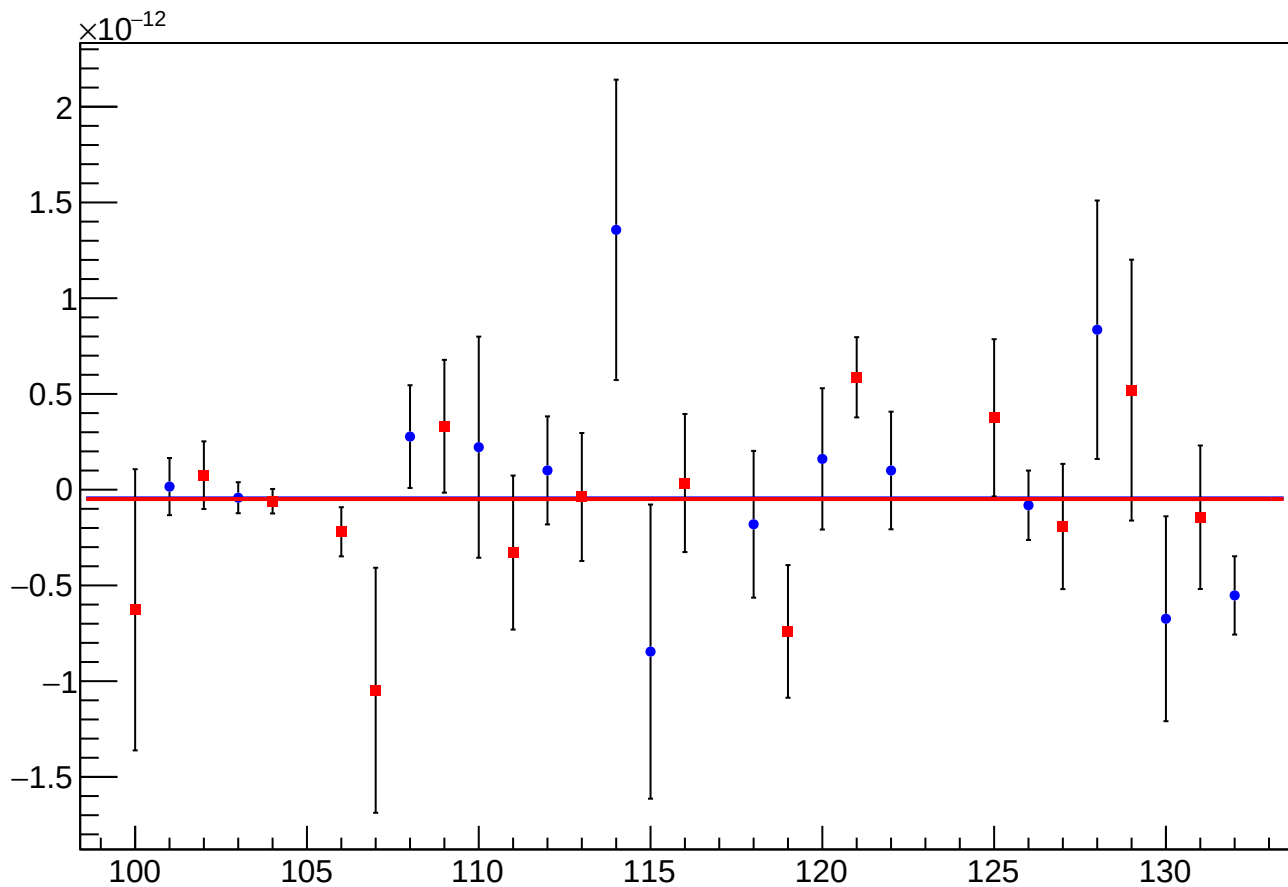
Right: 207.562+/-0.047 χ^2/NDF : 2175514.5/28

In: 214.620+/-0.067 χ^2/NDF : 869749.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 207.562+/-0.047 χ^2/NDF : 2175514.5/28

asym_us_avg_atlr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 16.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 22.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

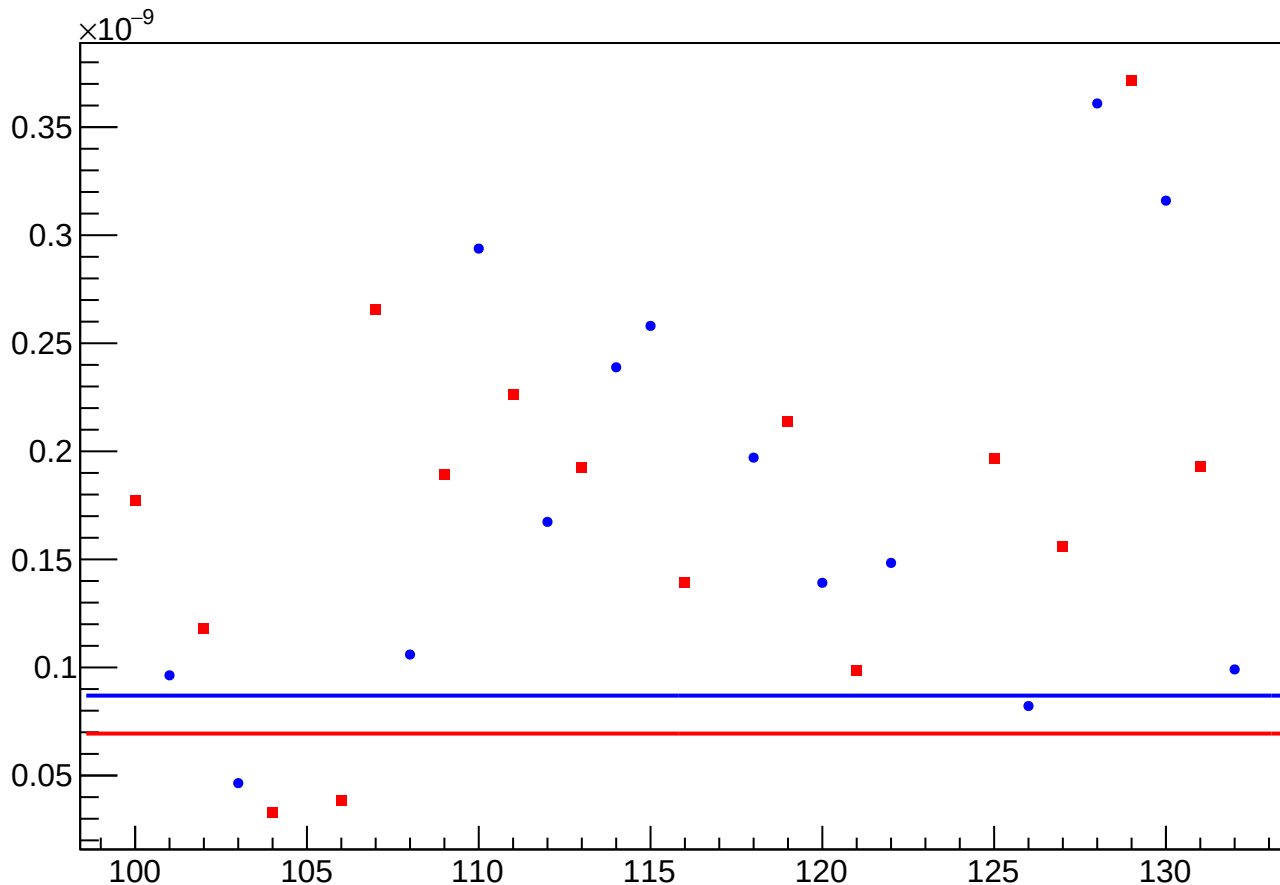
Right: -0.000+/-0.000 χ^2/NDF : 38.6/28

In: -0.000+/-0.000 χ^2/NDF : 16.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 38.6/28

asym_us_avg_atlr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2101160.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3376715.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

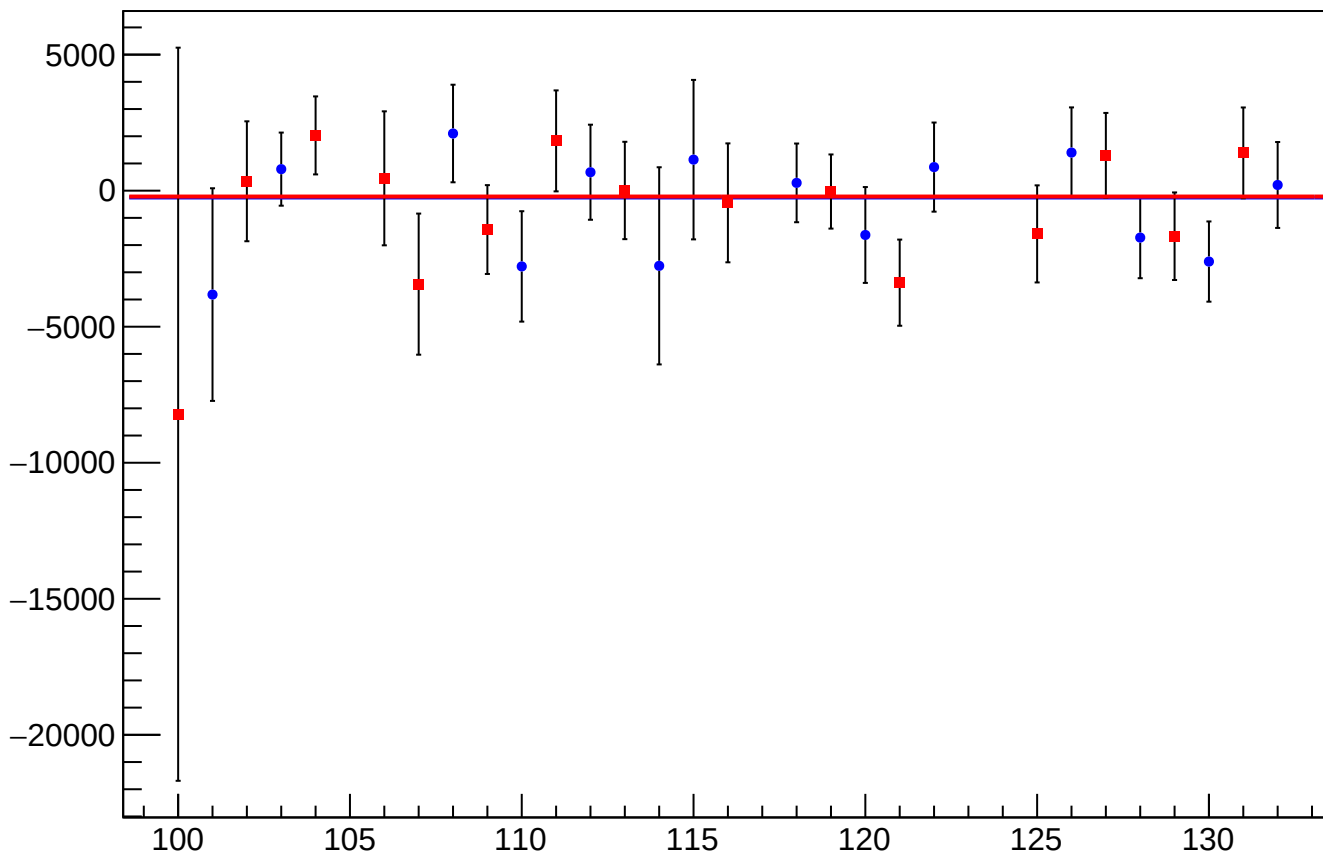
Right: 0.000+/-0.000 χ^2/NDF : 5589836.8/28

In: 0.000+/-0.000 χ^2/NDF : 2101160.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5589836.8/28

reg_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -250.163+/-469.366 χ^2/NDF : 11.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -215.934+/-465.827 χ^2/NDF : 13.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

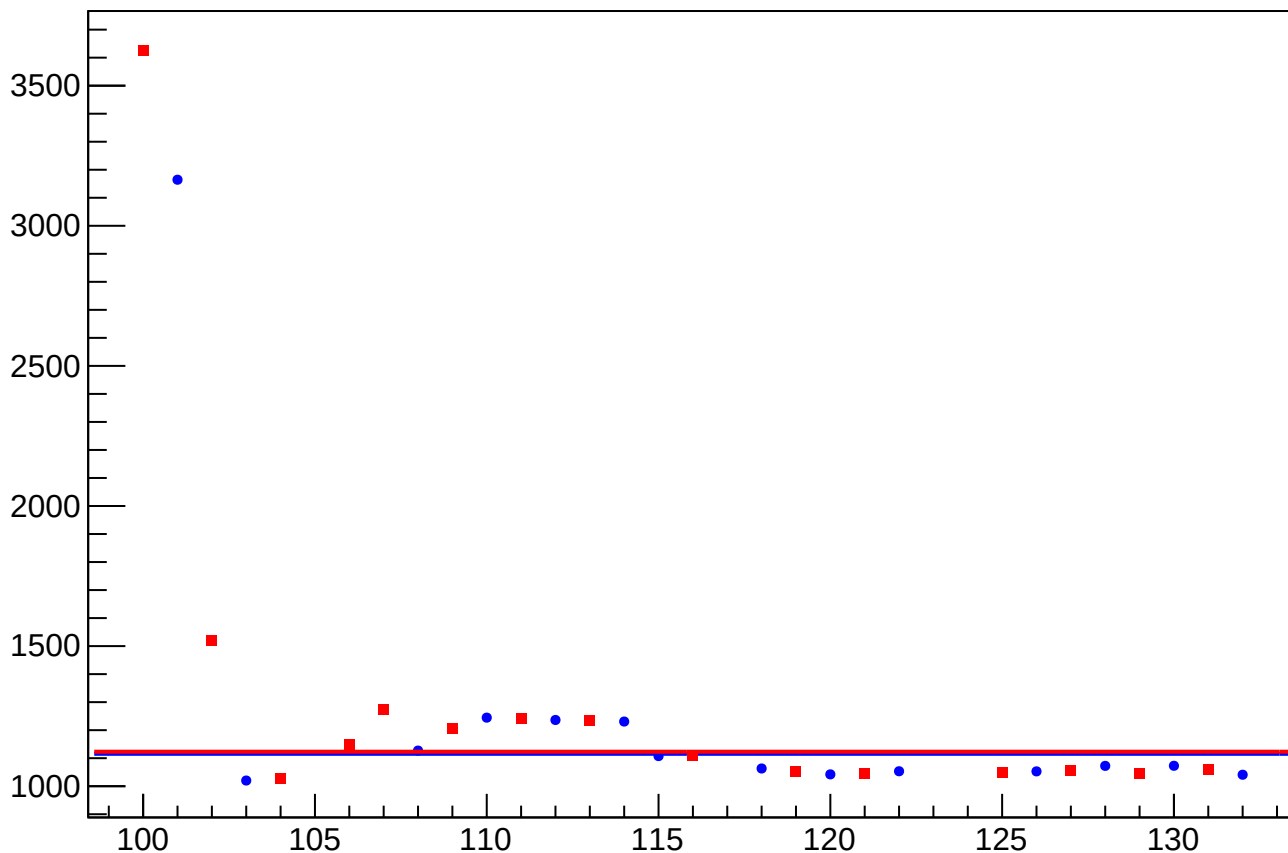
Right: -232.919+/-330.634 χ^2/NDF : 25.1/28

In: -250.163+/-469.366 χ^2/NDF :11.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -232.919+/-330.634 χ^2/NDF : 25.1/28

reg_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1115.649+/-0.332 χ^2/NDF : 599326.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1123.119+/-0.329 χ^2/NDF : 196160.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

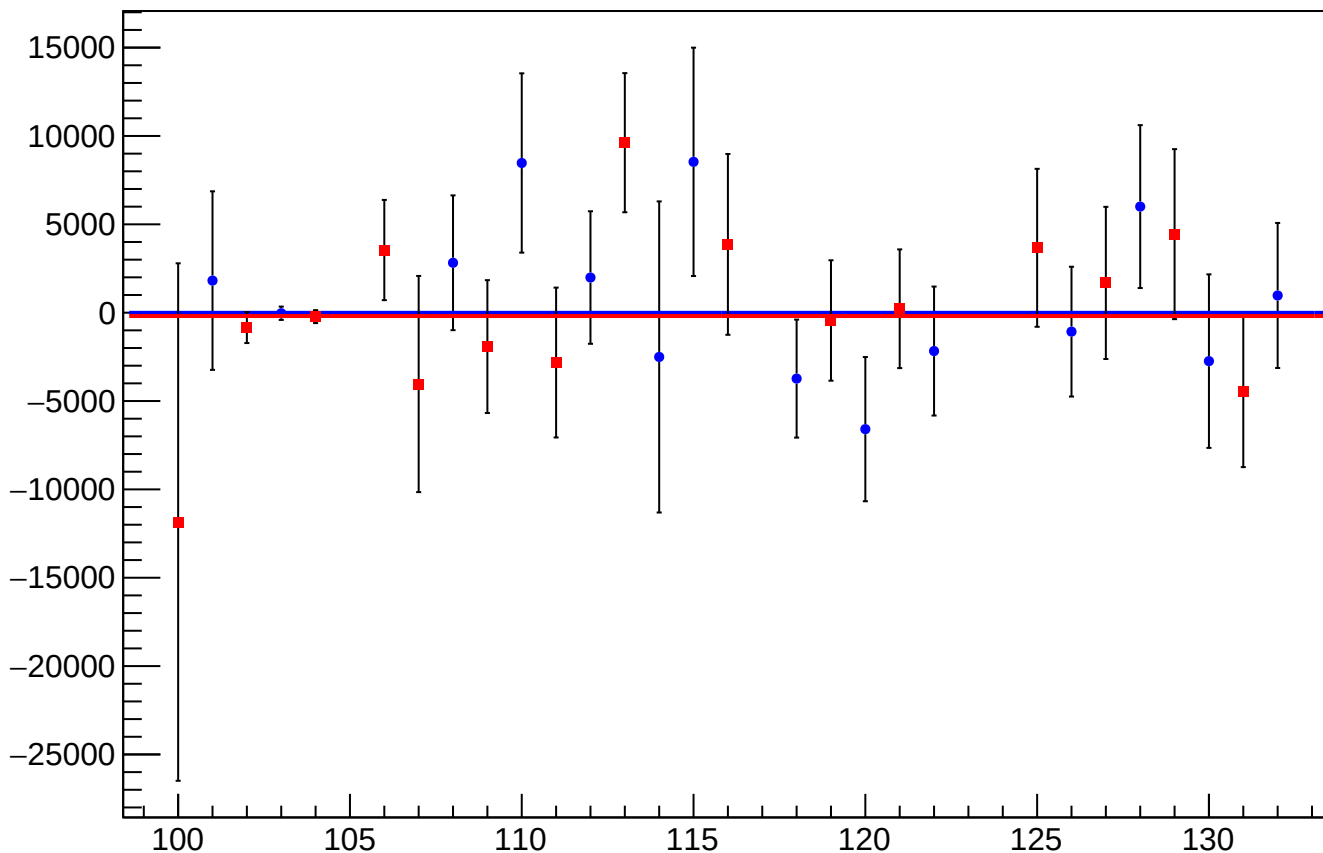
Right: 1119.420+/-0.234 χ^2/NDF : 795743.1/28

In: 1115.649+/-0.332 χ^2/NDF : 599326.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1119.420+/-0.234 χ^2/NDF : 795743.1/28

asym_us_avg_atlr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -8.503+/-360.031 χ^2/NDF : 11.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -190.003+/-324.108 χ^2/NDF : 13.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

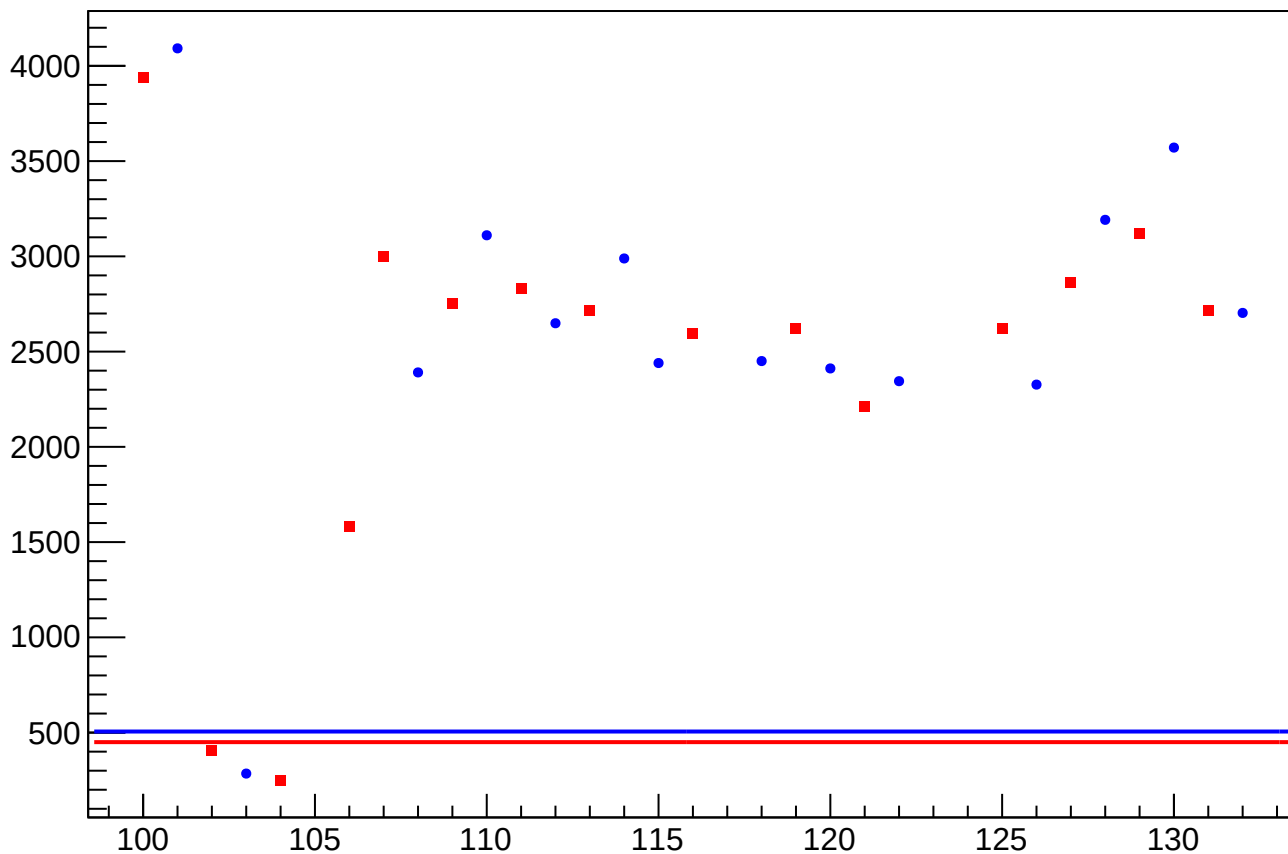
Right: -108.757+/-240.881 χ^2/NDF : 25.7/28

In: -8.503+/-360.031 χ^2/NDF : 11.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -108.757+/-240.881 χ^2/NDF : 25.7/28

asym_us_avg_atlr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 505.640+/-0.255 χ^2/NDF : 7845113.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 449.931+/-0.229 χ^2/NDF : 7427901.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

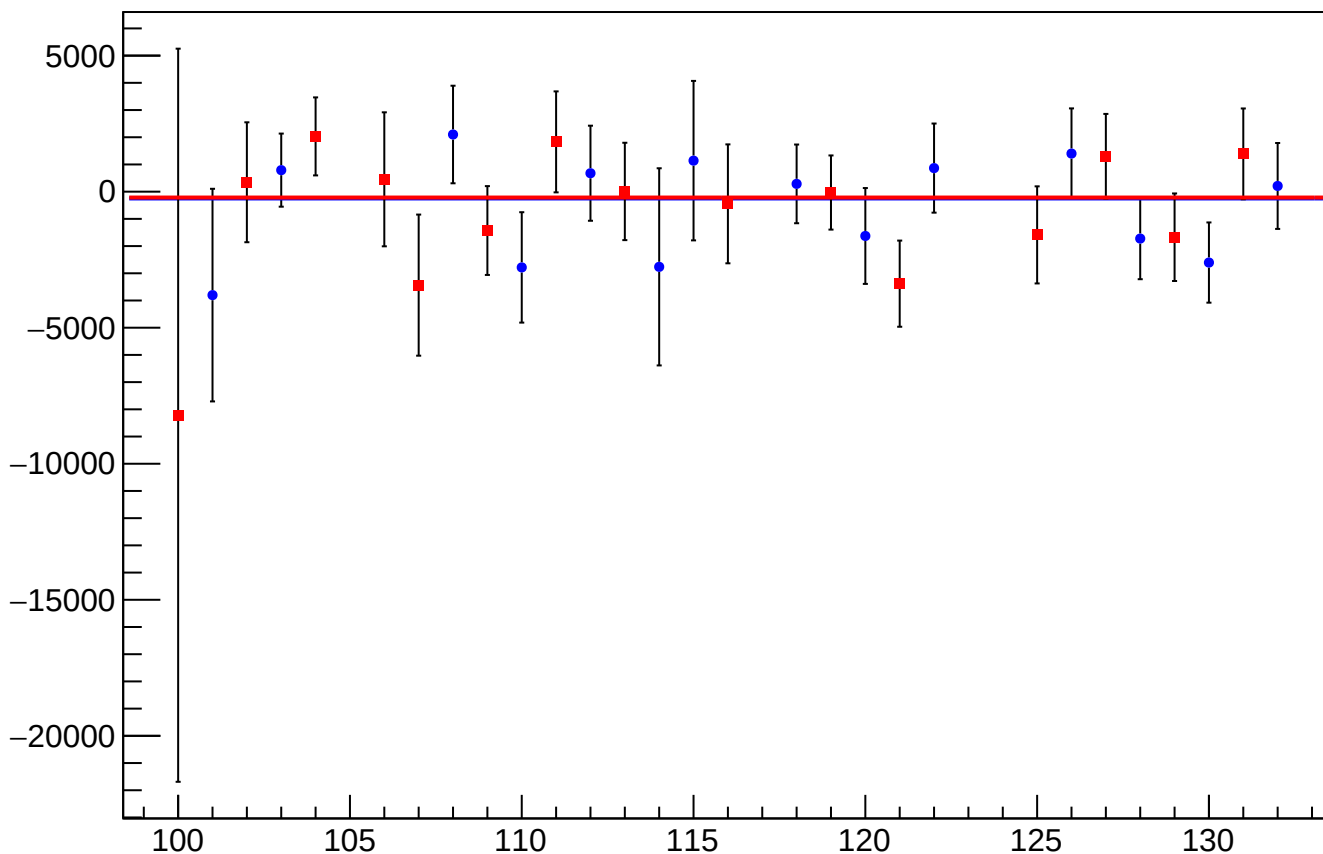
Right: 474.869+/-0.170 χ^2/NDF : 15299465.6/28

In: 505.640+/-0.255 χ^2/NDF :7845113.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 474.869+/-0.170 χ^2/NDF : 15299465.6/28

cor_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -249.886+/-469.366 χ^2/NDF : 11.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -215.756+/-465.827 χ^2/NDF : 13.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

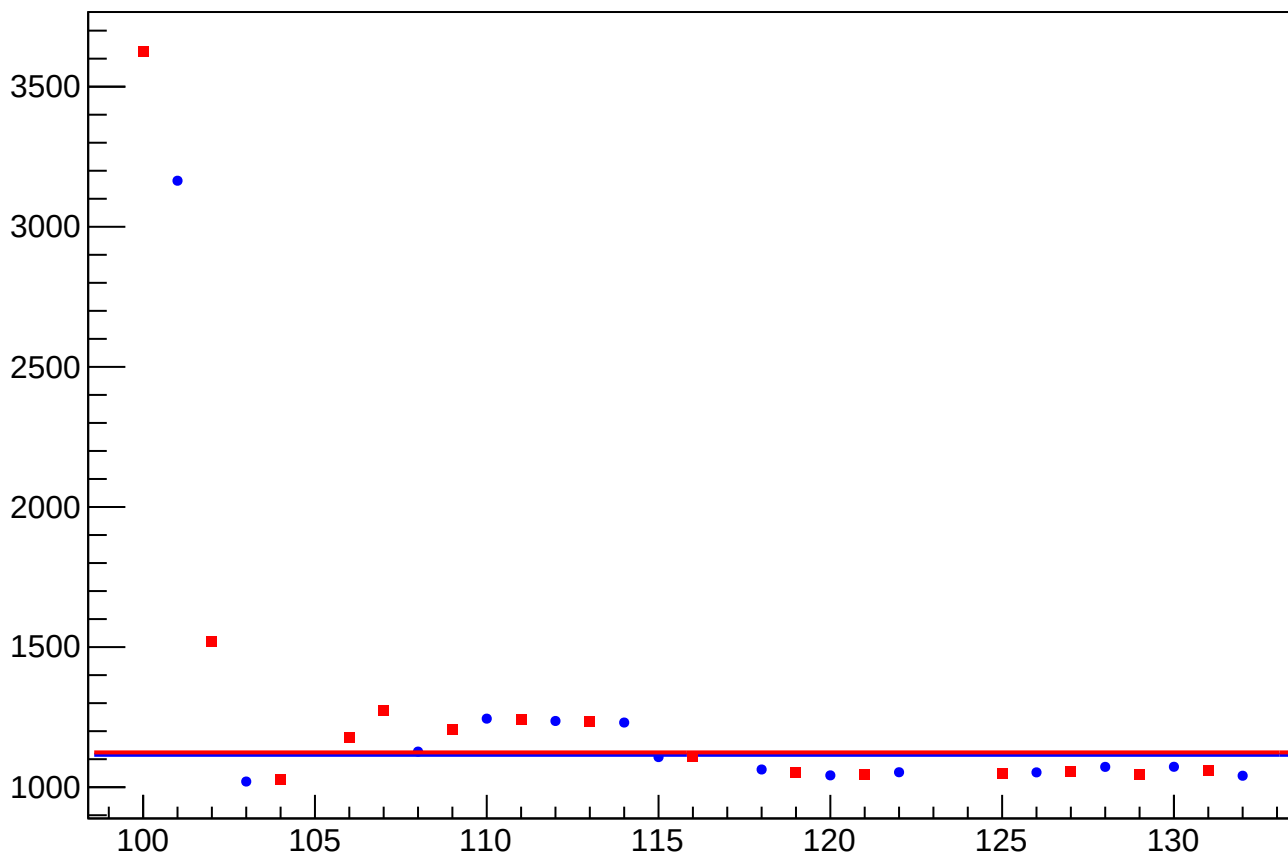
Right: -232.692+/-330.634 χ^2/NDF : 25.1/28

In: -249.886+/-469.366 χ^2/NDF :11.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -232.692+/-330.634 χ^2/NDF : 25.1/28

cor_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1115.649+/-0.332 χ^2/NDF : 599327.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1124.199+/-0.329 χ^2/NDF : 196980.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

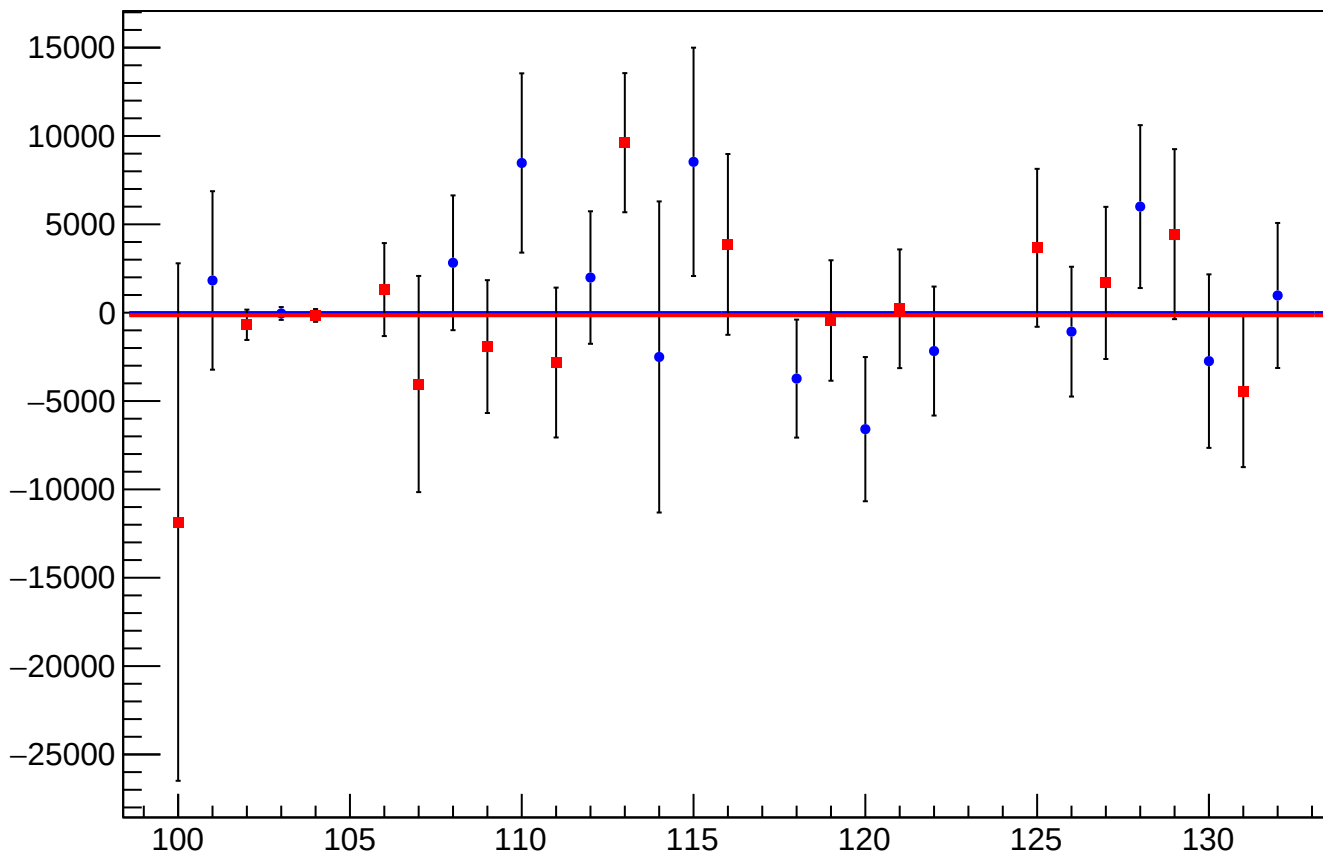
Right: 1119.959+/-0.234 χ^2/NDF : 796643.1/28

In: 1115.649+/-0.332 χ^2/NDF : 599327.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1119.959+/-0.234 χ^2/NDF : 796643.1/28

asym_us_avg_atlr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -21.951 ± 346.651 χ^2/NDF : 11.9/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -144.537 ± 318.856 χ^2/NDF : 12.0/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

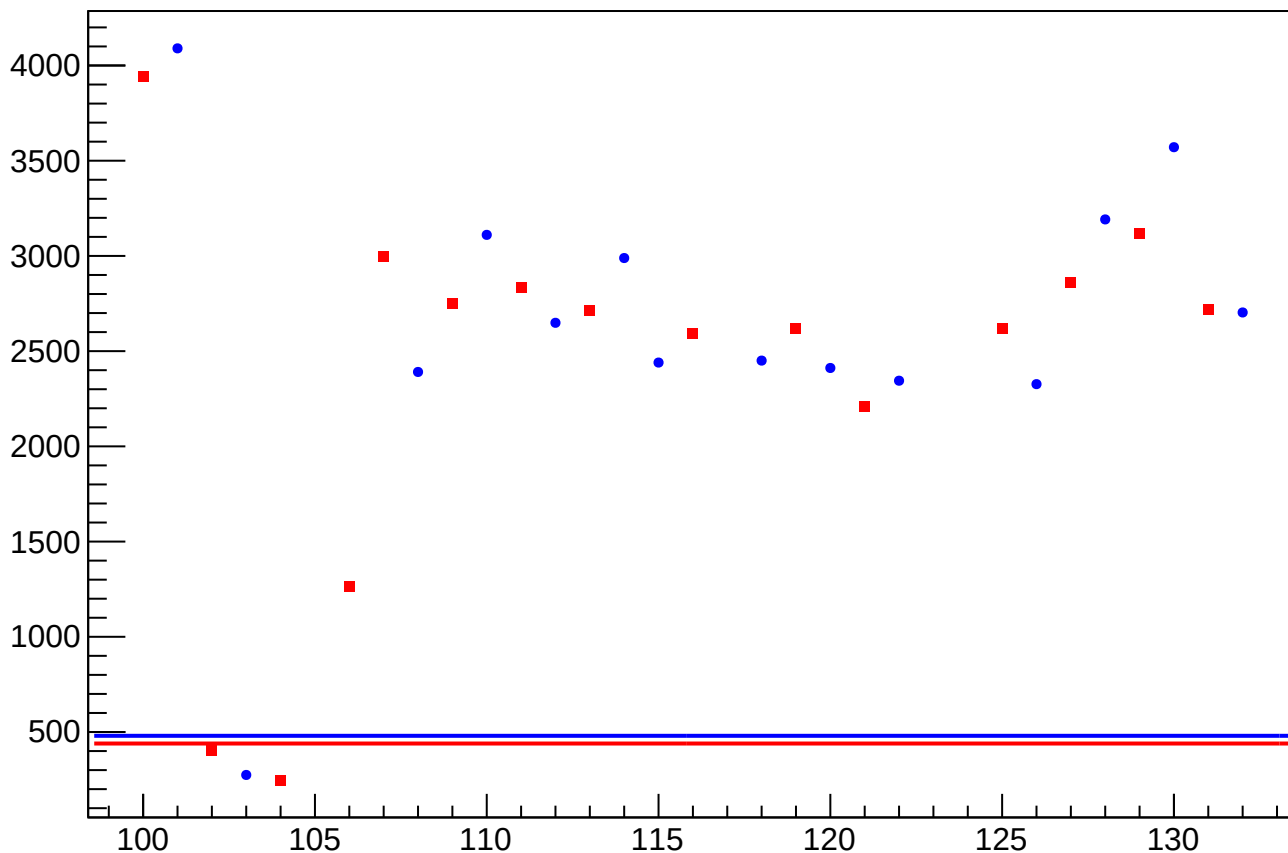
Right: -88.355 ± 234.677 χ^2/NDF : 24.0/28

In: -21.951 ± 346.651 χ^2/NDF : 11.9/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -88.355 ± 234.677 χ^2/NDF : 24.0/28

asym_us_avg_atlr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 480.077+/-0.245 χ^2/NDF : 7964442.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 439.576+/-0.225 χ^2/NDF : 7339028.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

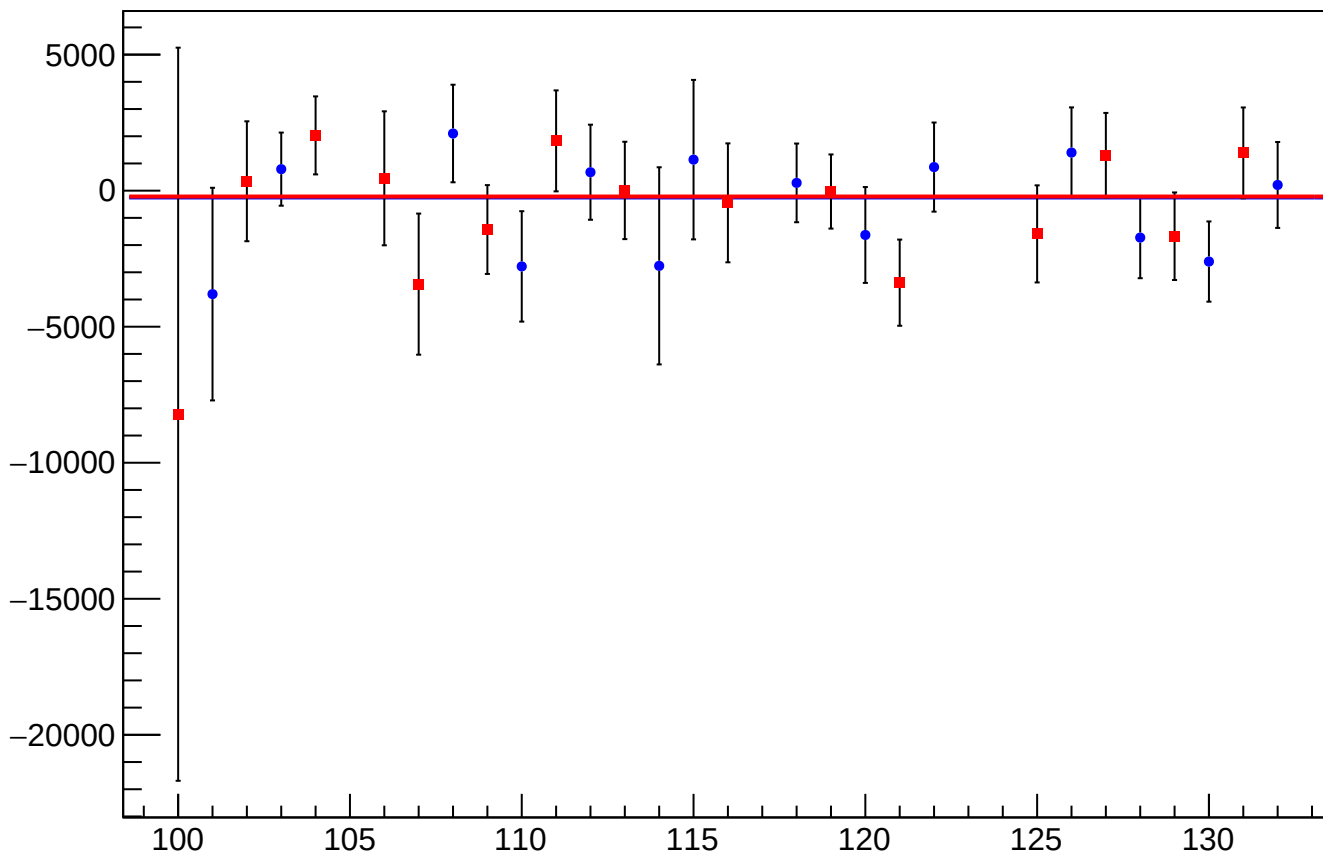
Right: 458.138+/-0.166 χ^2/NDF : 15318259.8/28

In: 480.077+/-0.245 χ^2/NDF : 7964442.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 458.138+/-0.166 χ^2/NDF : 15318259.8/28

eigen_cor_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -249.886+/-469.366 χ^2/NDF : 11.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -215.756+/-465.827 χ^2/NDF : 13.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

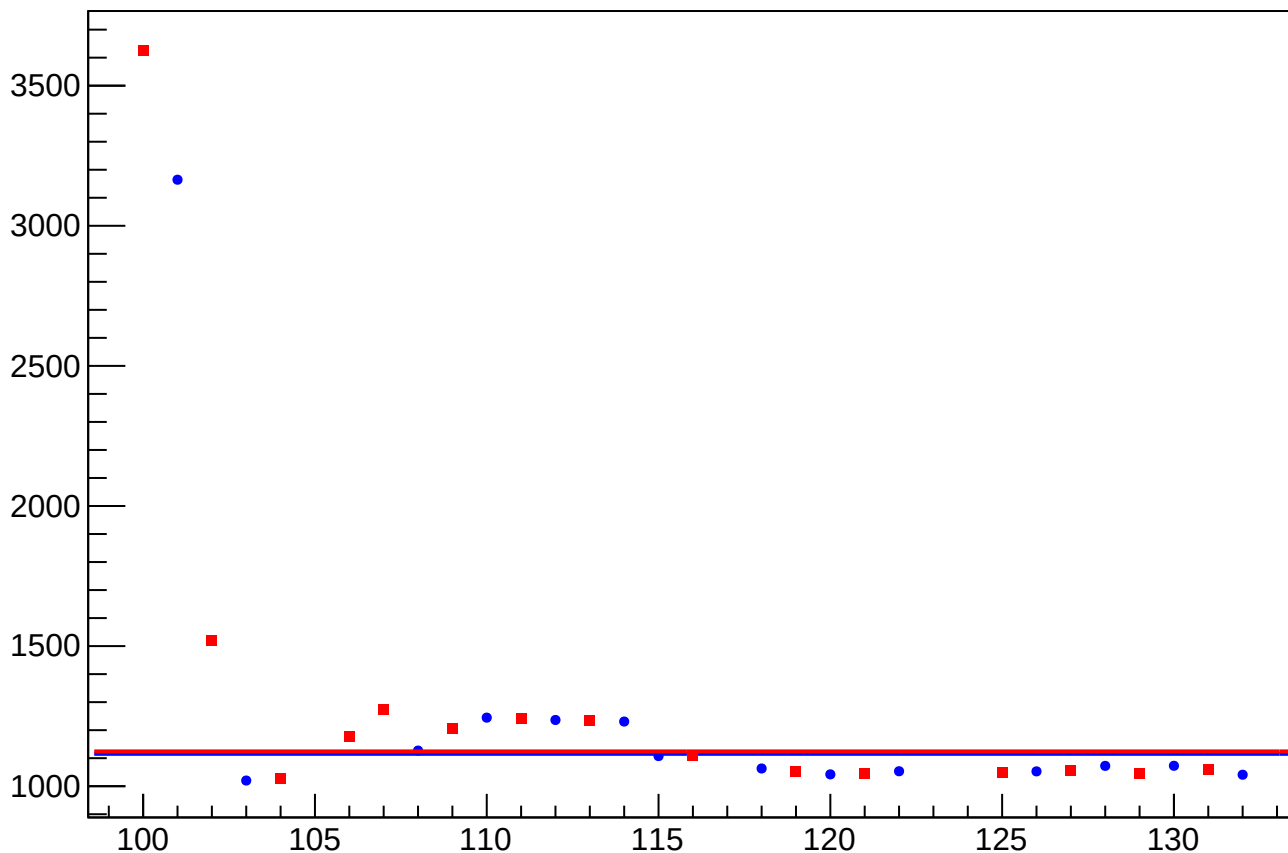
Right: -232.692+/-330.634 χ^2/NDF : 25.1/28

In: -249.886+/-469.366 χ^2/NDF : 11.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -232.692+/-330.634 χ^2/NDF : 25.1/28

eigen_cor_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1115.649+/-0.332 χ^2/NDF : 599327.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1124.199+/-0.329 χ^2/NDF : 196980.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

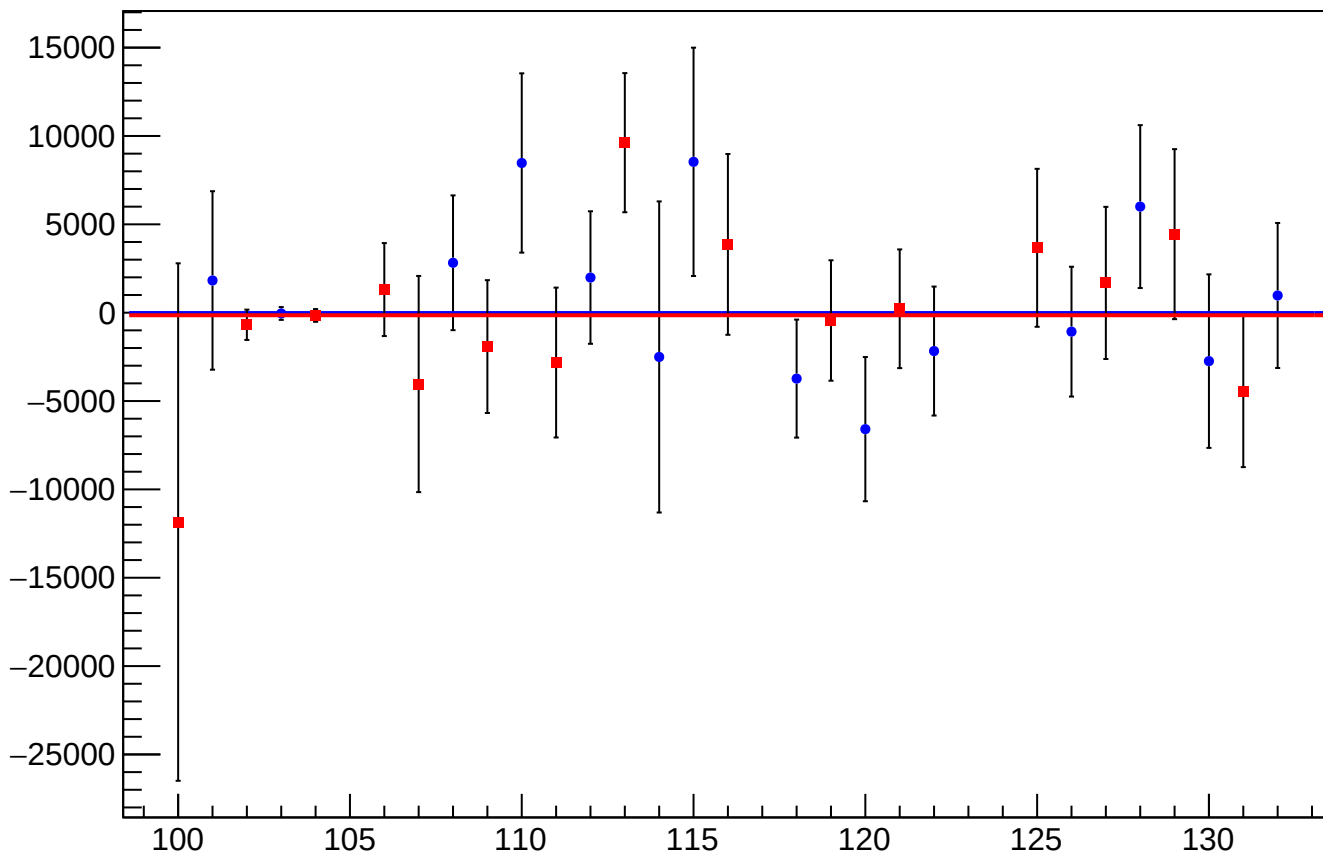
Right: 1119.959+/-0.234 χ^2/NDF : 796643.1/28

In: 1115.649+/-0.332 χ^2/NDF : 599327.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1119.959+/-0.234 χ^2/NDF : 796643.1/28

asym_us_avg_atlr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -21.951 ± 346.651 χ^2/NDF : 11.9/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -144.537 ± 318.856 χ^2/NDF : 12.0/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

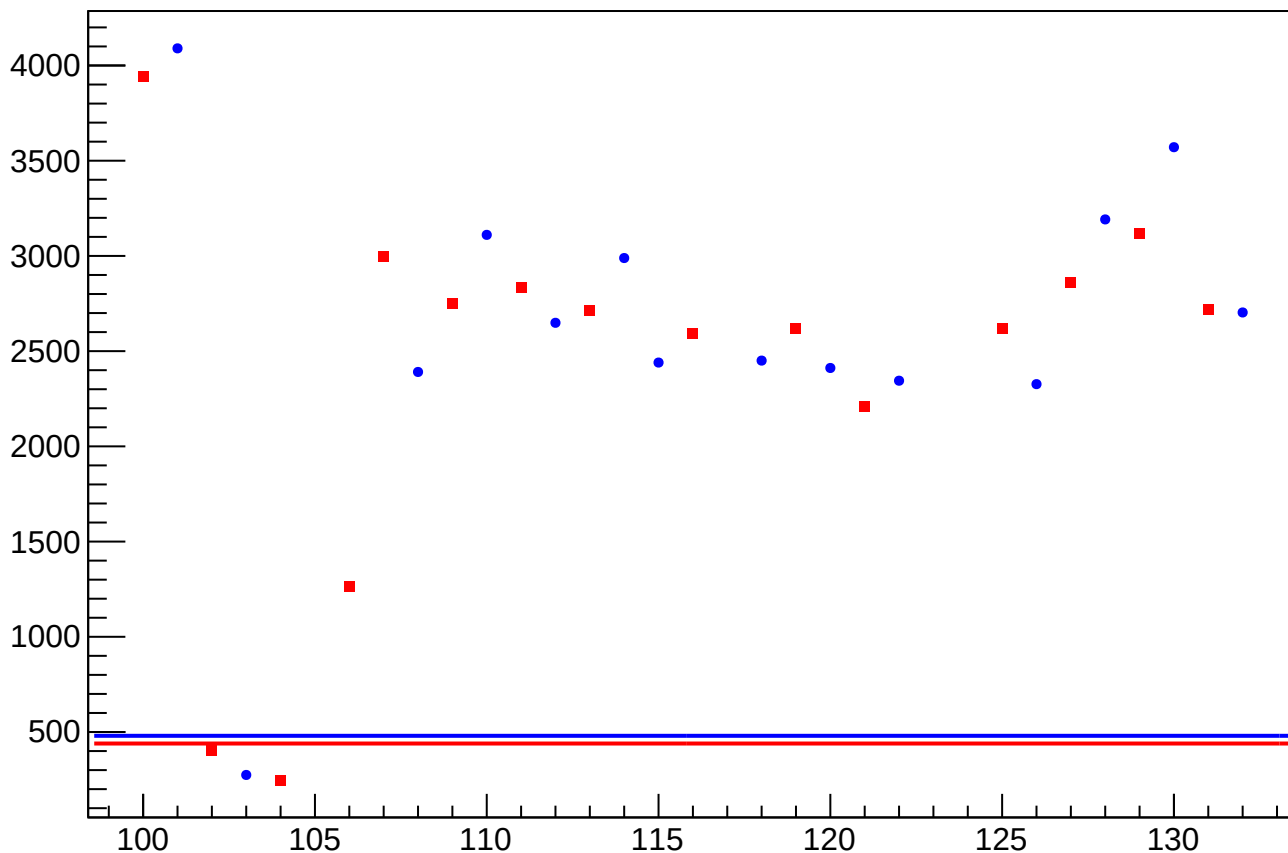
Right: -88.355 ± 234.677 χ^2/NDF : 24.0/28

In: -21.951 ± 346.651 χ^2/NDF : 11.9/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -88.355 ± 234.677 χ^2/NDF : 24.0/28

asym_us_avg_atlr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 480.077+/-0.245 χ^2/NDF : 7964442.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 439.576+/-0.225 χ^2/NDF : 7339028.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

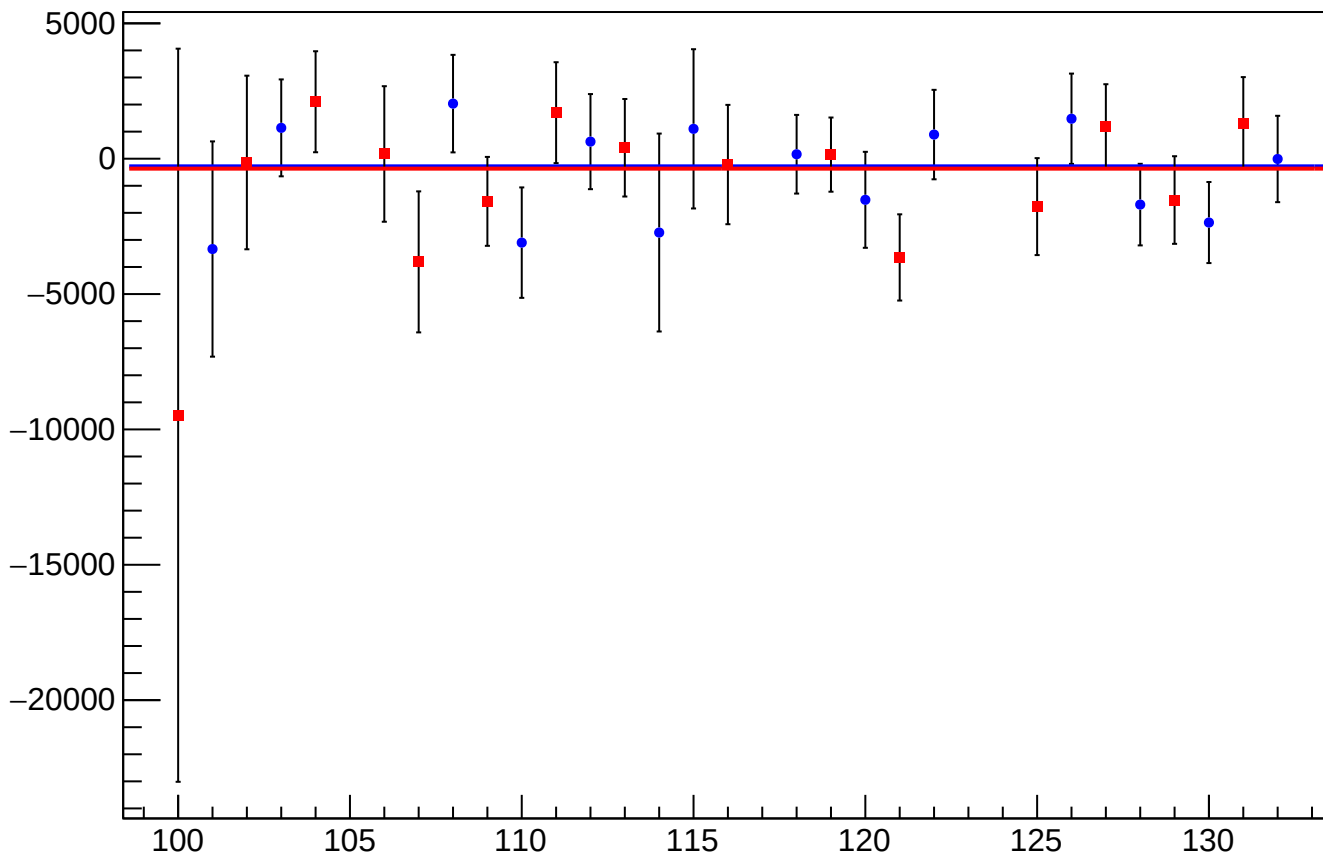
Right: 458.138+/-0.166 χ^2/NDF : 15318259.8/28

In: 480.077+/-0.245 χ^2/NDF : 7964442.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 458.138+/-0.166 χ^2/NDF : 15318259.8/28

dit_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -282.533+/-485.894 χ^2/NDF : 10.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -367.231+/-485.274 χ^2/NDF : 13.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

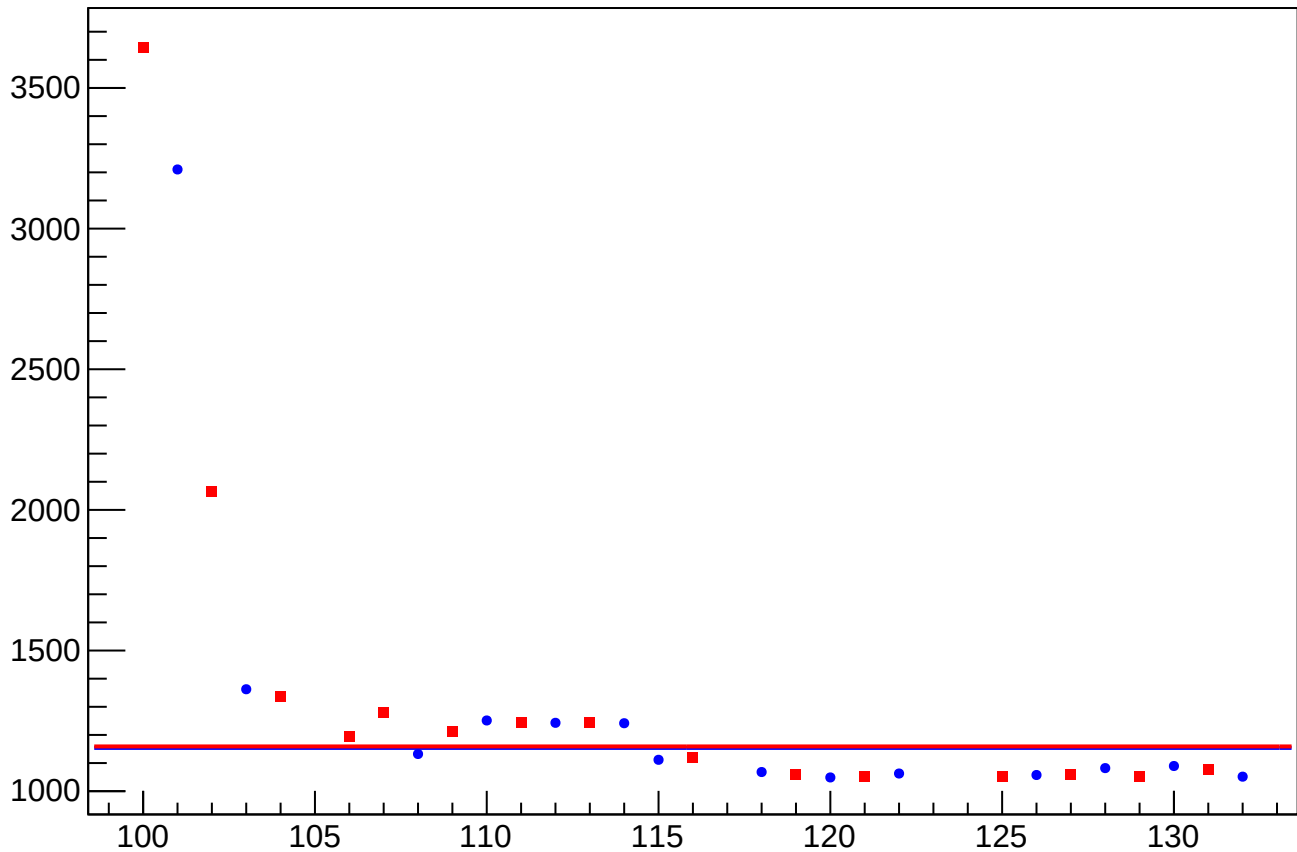
Right: -324.936+/-343.360 χ^2/NDF : 24.2/28

In: -282.533+/-485.894 χ^2/NDF : 10.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -324.936+/-343.360 χ^2/NDF : 24.2/28

dit_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1153.882+/-0.344 χ^2/NDF : 616986.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1159.068+/-0.343 χ^2/NDF : 310318.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

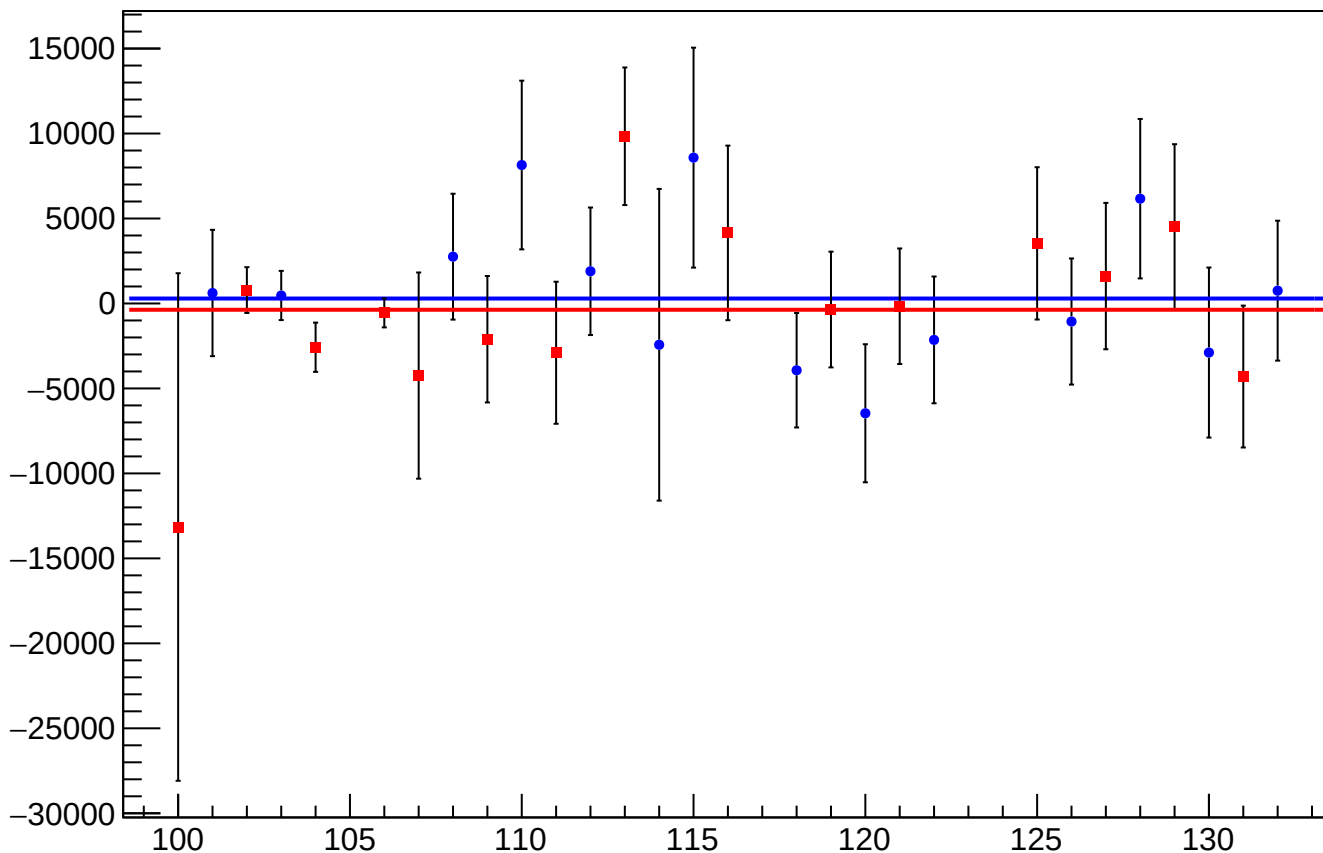
Right: 1156.480+/-0.243 χ^2/NDF : 927419.5/28

In: 1153.882+/-0.344 χ^2/NDF :616986.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1156.480+/-0.243 χ^2/NDF : 927419.5/28

asym_us_avg_atlr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 290.462+/-909.987 χ^2/NDF : 11.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -370.574+/-573.999 χ^2/NDF : 14.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

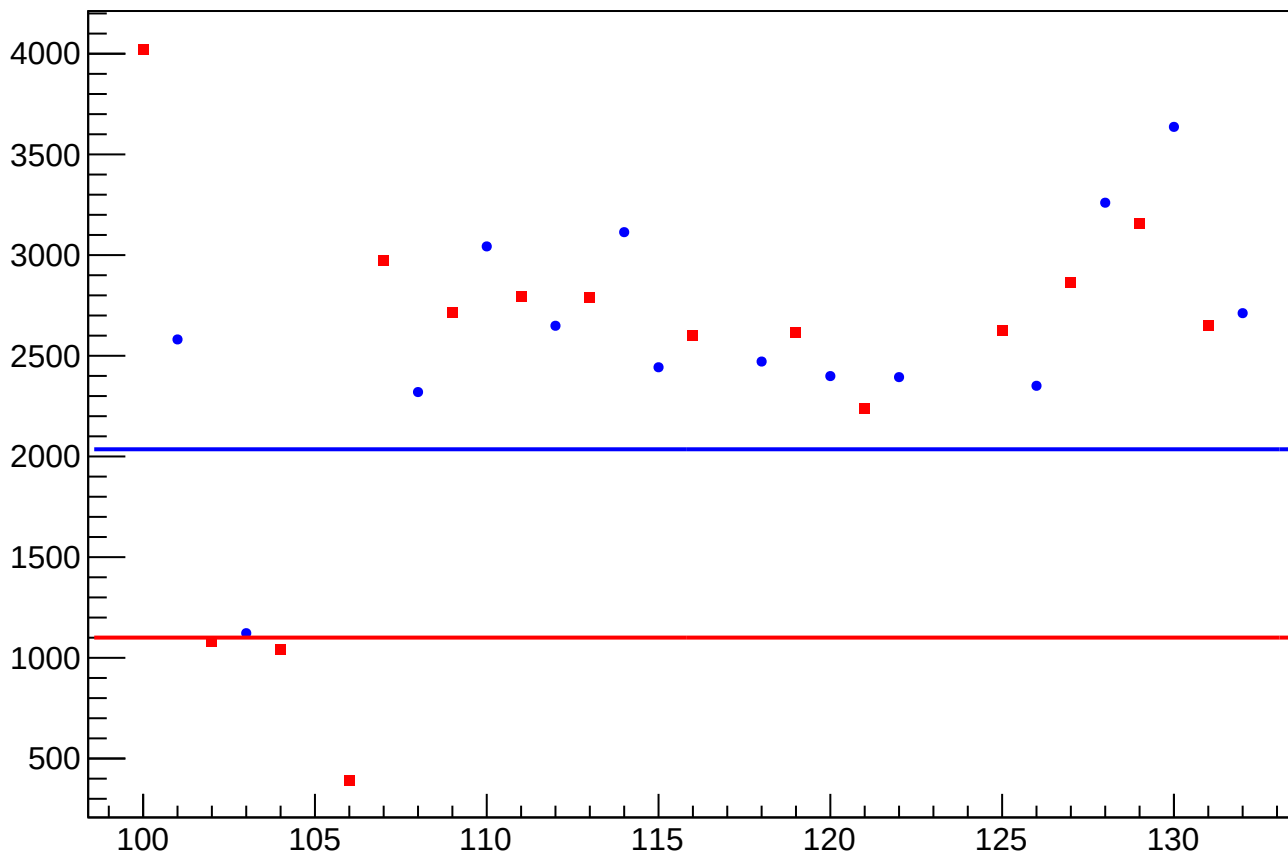
Right: -182.423+/-485.485 χ^2/NDF : 27.0/28

In: 290.462+/-909.987 χ^2/NDF : 11.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -182.423+/-485.485 χ^2/NDF : 27.0/28

asym_us_avg_atlr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2035.688+/-0.643 χ^2/NDF : 1499656.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1100.523+/-0.406 χ^2/NDF : 4698736.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

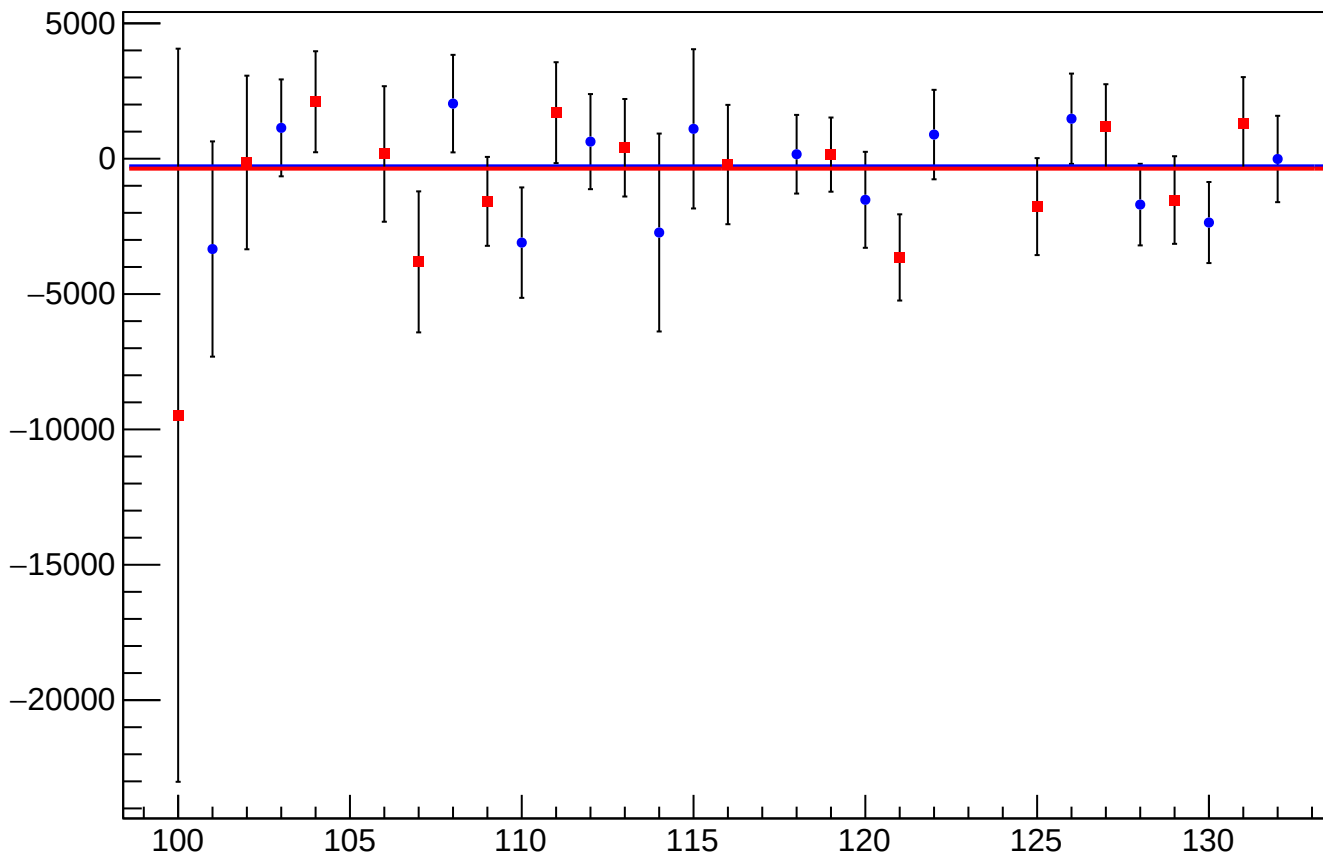
Right: 1366.699+/-0.343 χ^2/NDF : 7709398.5/28

In: 2035.688+/-0.643 χ^2/NDF : 1499656.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1366.699+/-0.343 χ^2/NDF : 7709398.5/28

eigen_dit_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -282.533+/-485.894 χ^2 /NDF: 10.8/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -367.236+/-485.274 χ^2 /NDF: 13.5/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

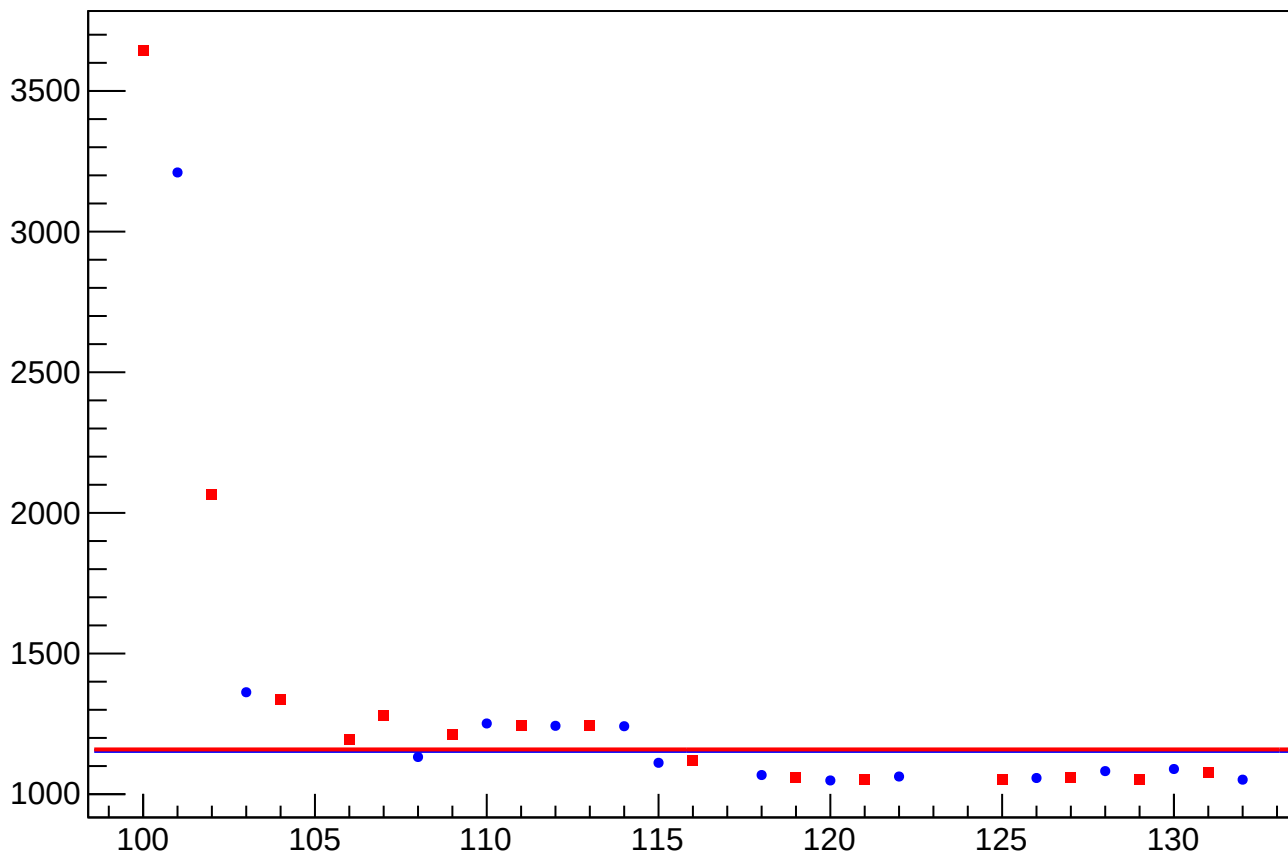
Right: -324.939+/-343.360 χ^2 /NDF: 24.2/28

In: -282.533+/-485.894 χ^2 /NDF:10.8/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -324.939+/-343.360 χ^2 /NDF: 24.2/28

eigen_dit_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1153.882+/-0.344 χ^2/NDF : 616986.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1159.068+/-0.343 χ^2/NDF : 310318.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

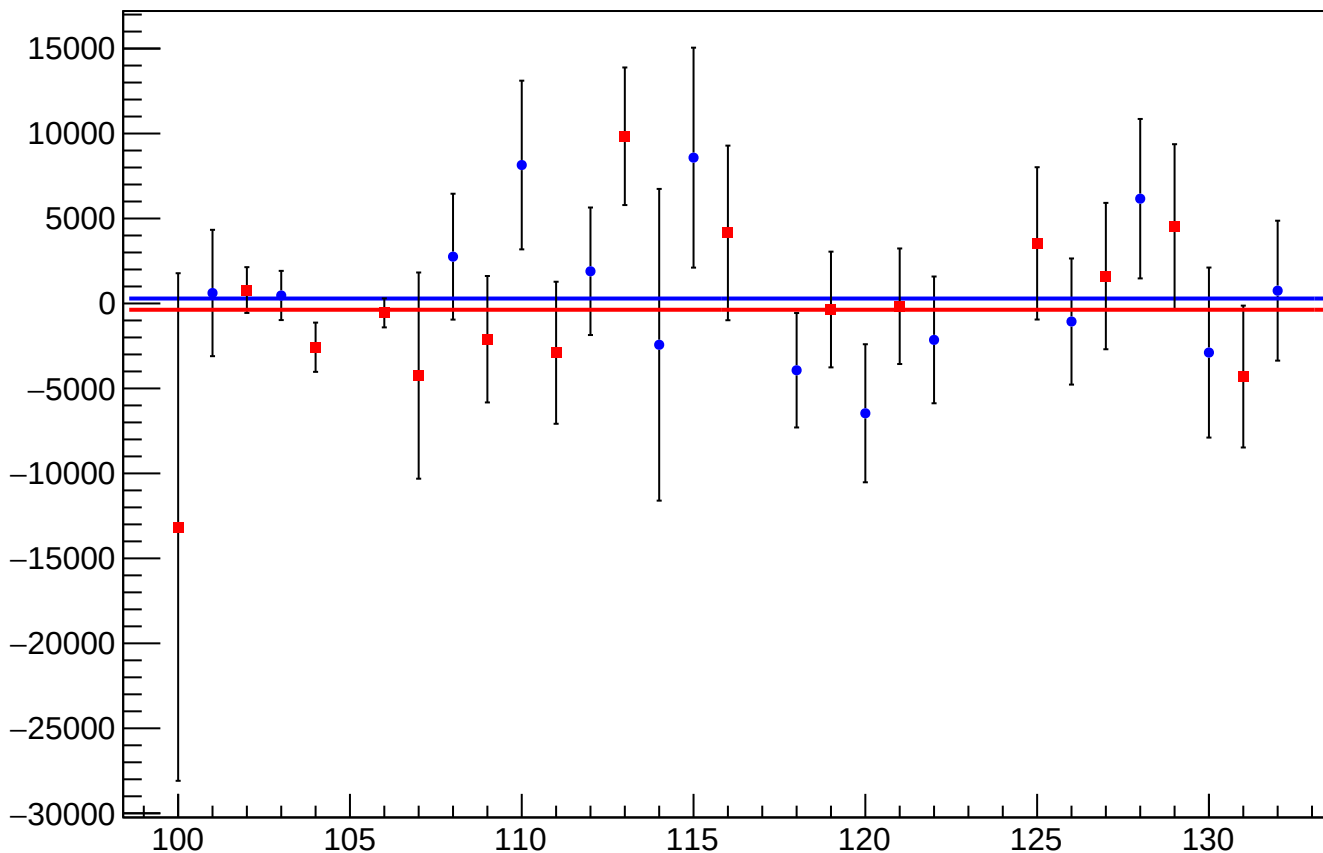
Right: 1156.480+/-0.243 χ^2/NDF : 927419.3/28

In: 1153.882+/-0.344 χ^2/NDF : 616986.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1156.480+/-0.243 χ^2/NDF : 927419.3/28

asym_us_avg_atlr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 290.459+/-909.986 χ^2/NDF : 11.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -370.575+/-573.992 χ^2/NDF : 14.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

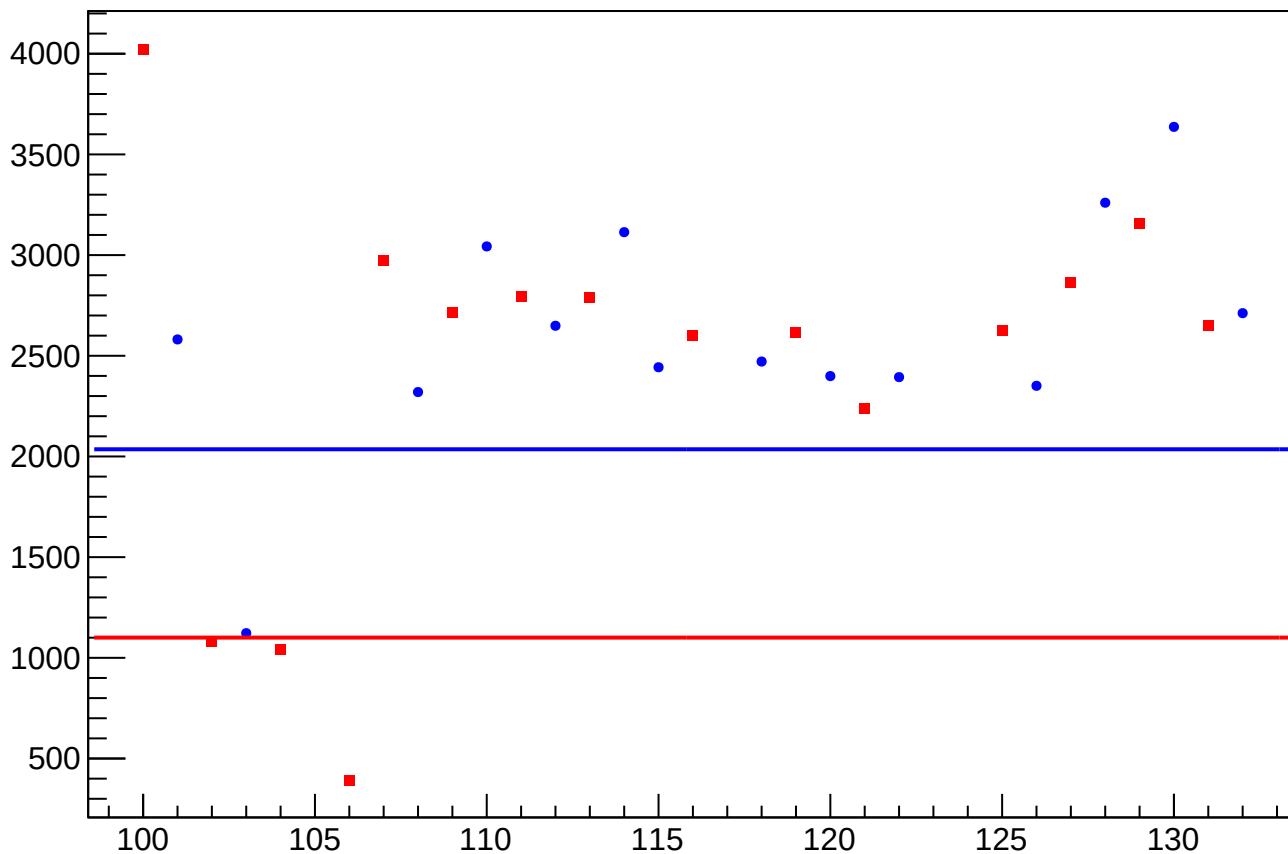
Right: -182.427+/-485.481 χ^2/NDF : 27.0/28

In: 290.459+/-909.986 χ^2/NDF : 11.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -182.427+/-485.481 χ^2/NDF : 27.0/28

asym_us_avg_atlr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2035.685+/-0.643 χ^2/NDF : 1499648.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1100.501+/-0.406 χ^2/NDF : 4698843.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

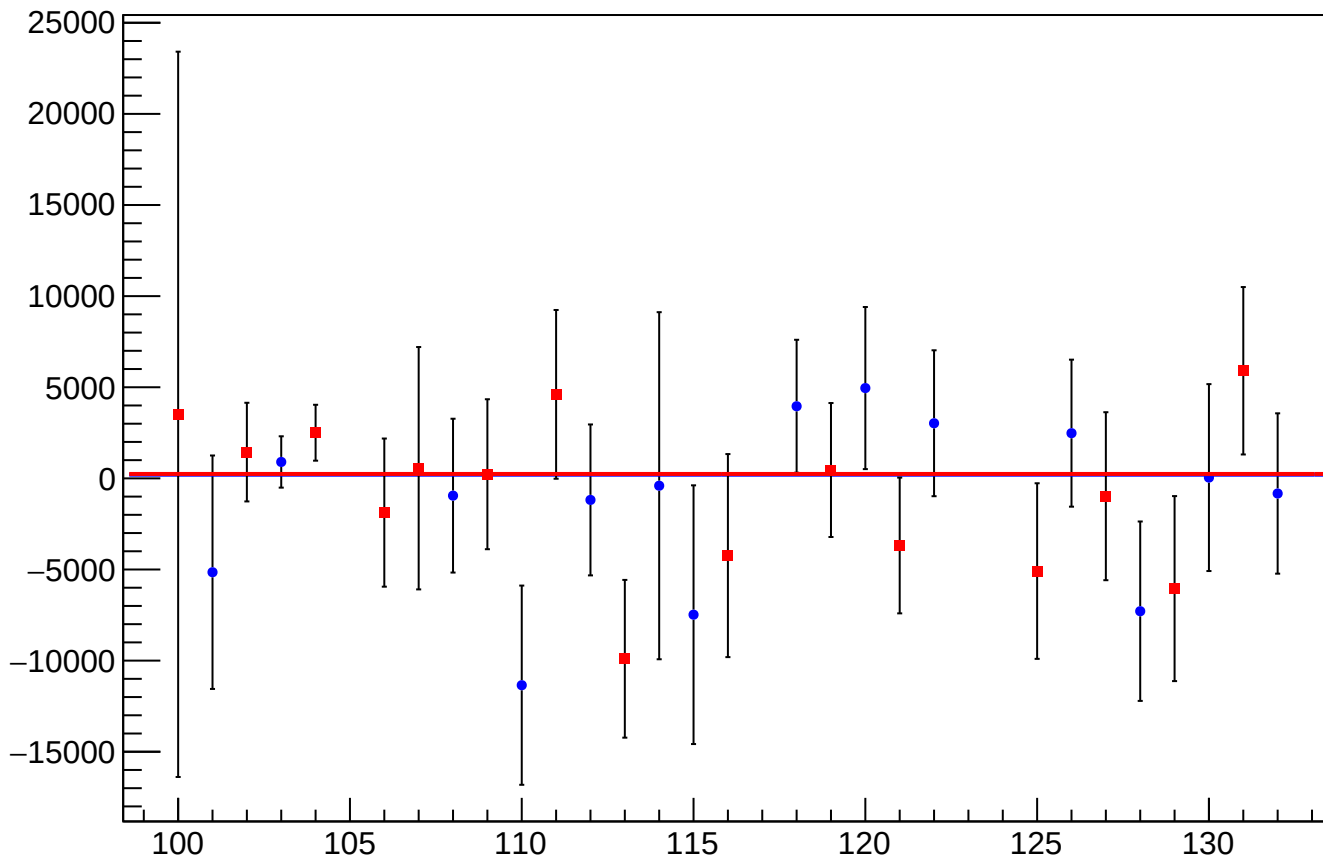
Right: 1366.679+/-0.343 χ^2/NDF : 7709573.4/28

In: 2035.685+/-0.643 χ^2/NDF :1499648.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1366.679+/-0.343 χ^2/NDF : 7709573.4/28

asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 202.989+/-958.822 χ^2/NDF : 12.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 242.414+/-927.987 χ^2/NDF : 15.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

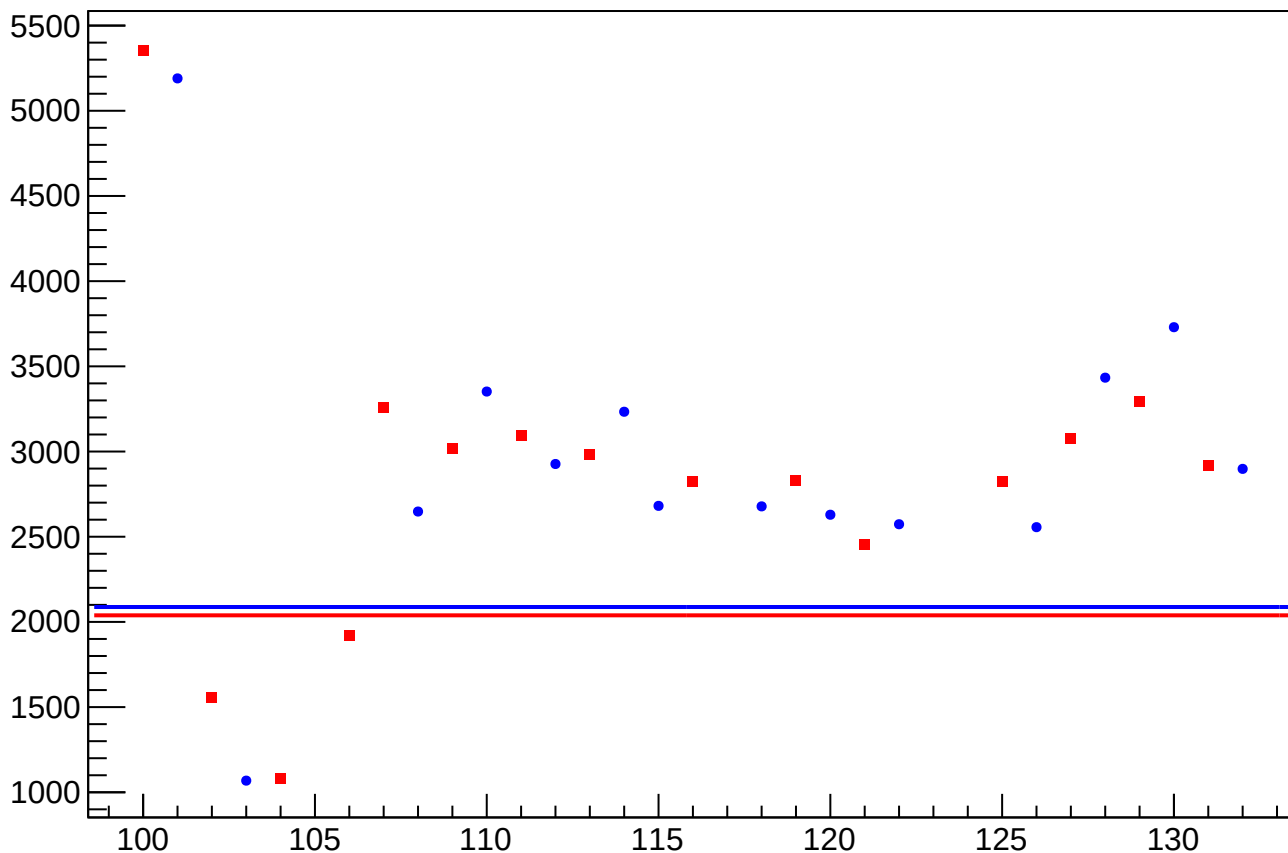
Right: 223.345+/-666.820 χ^2/NDF : 27.3/28

In: 202.989+/-958.822 χ^2/NDF : 12.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 223.345+/-666.820 χ^2/NDF : 27.3/28

asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2087.497+/-0.678 χ^2/NDF : 2344644.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2038.632+/-0.655 χ^2/NDF : 1785753.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

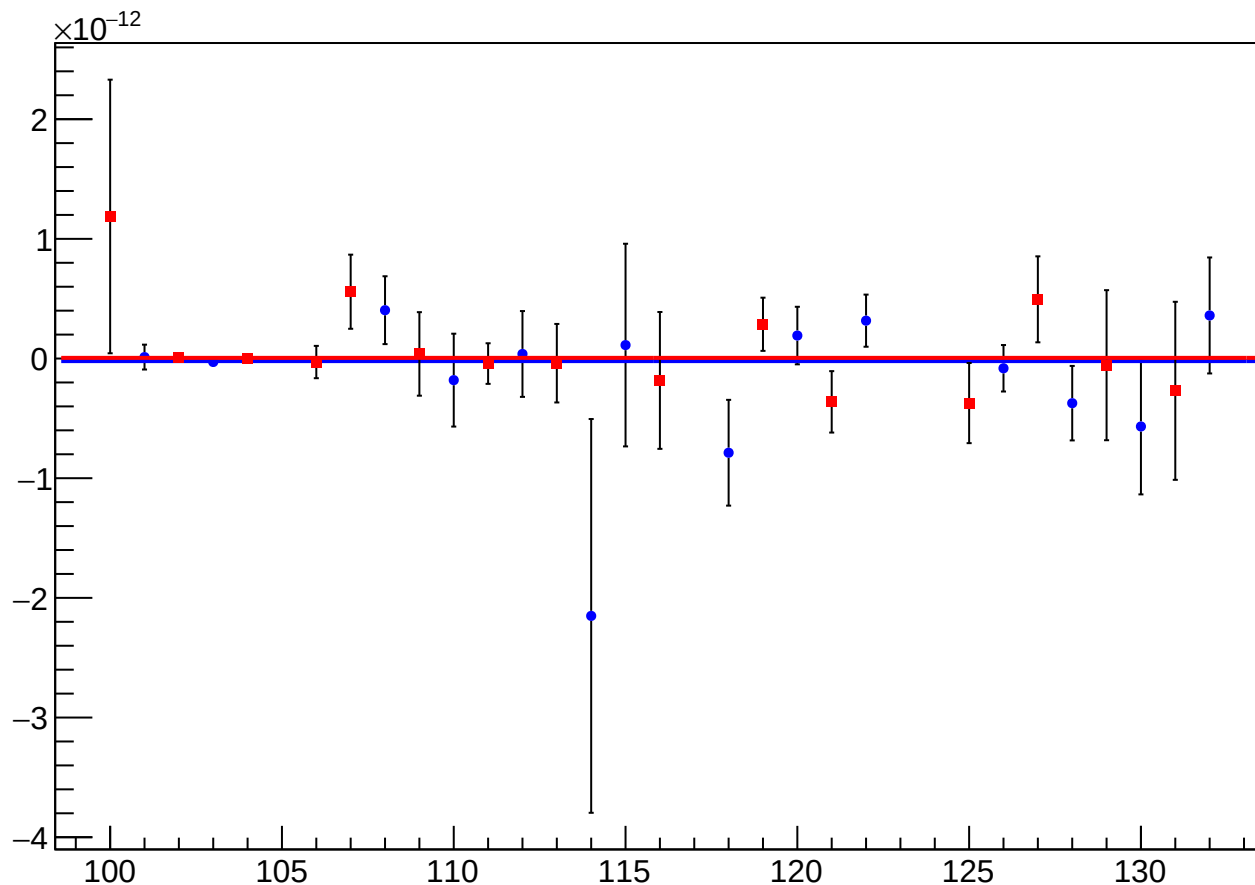
Right: 2062.204+/-0.471 χ^2/NDF : 4133086.1/28

In: 2087.497+/-0.678 χ^2/NDF : 2344644.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2062.204+/-0.471 χ^2/NDF : 4133086.1/28

asym_us_avg_atlr_avg_dd_reg_vs_Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

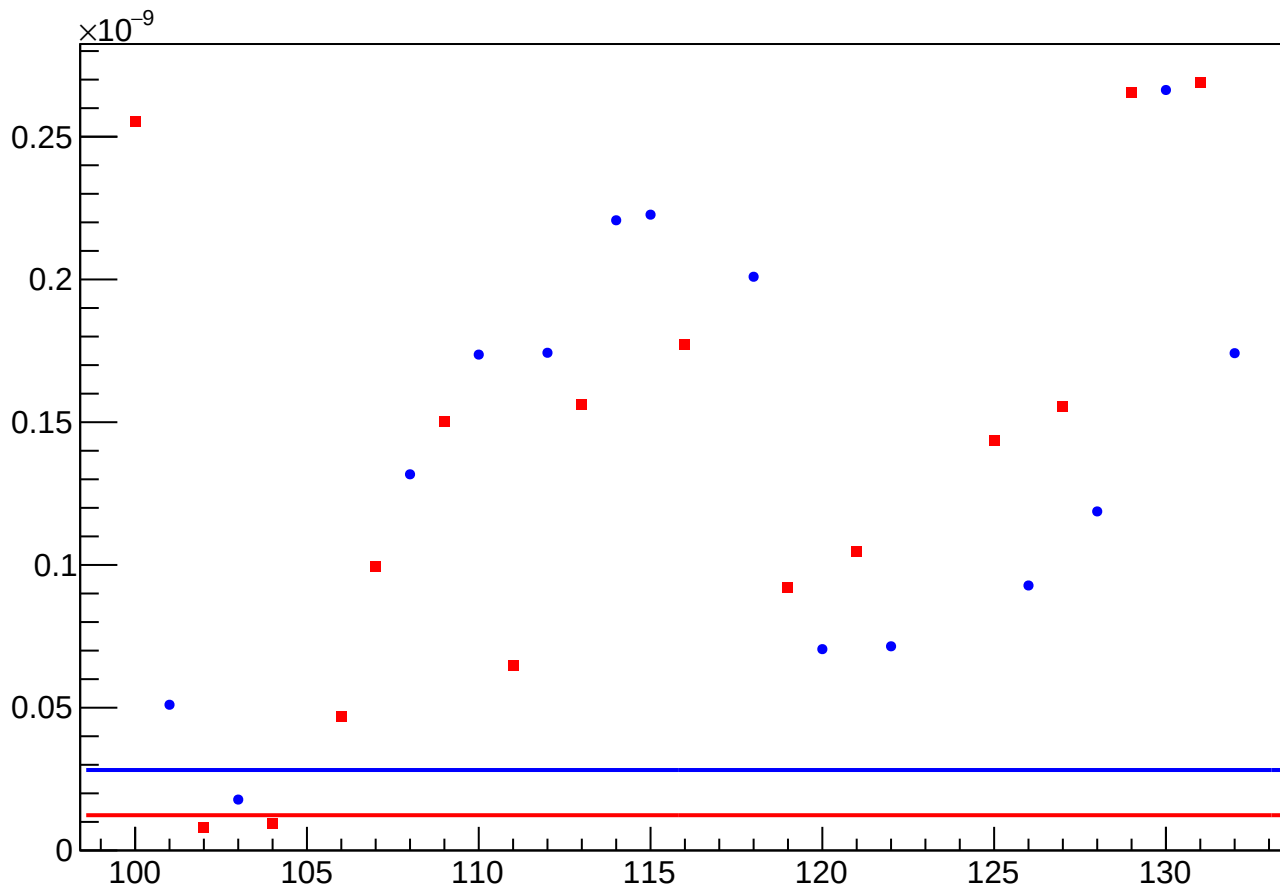
Right: -0.000+/-0.000 χ^2/NDF : 25.7/28

In: -0.000+/-0.000 χ^2/NDF : 13.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.7/28

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2738424.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3239716.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

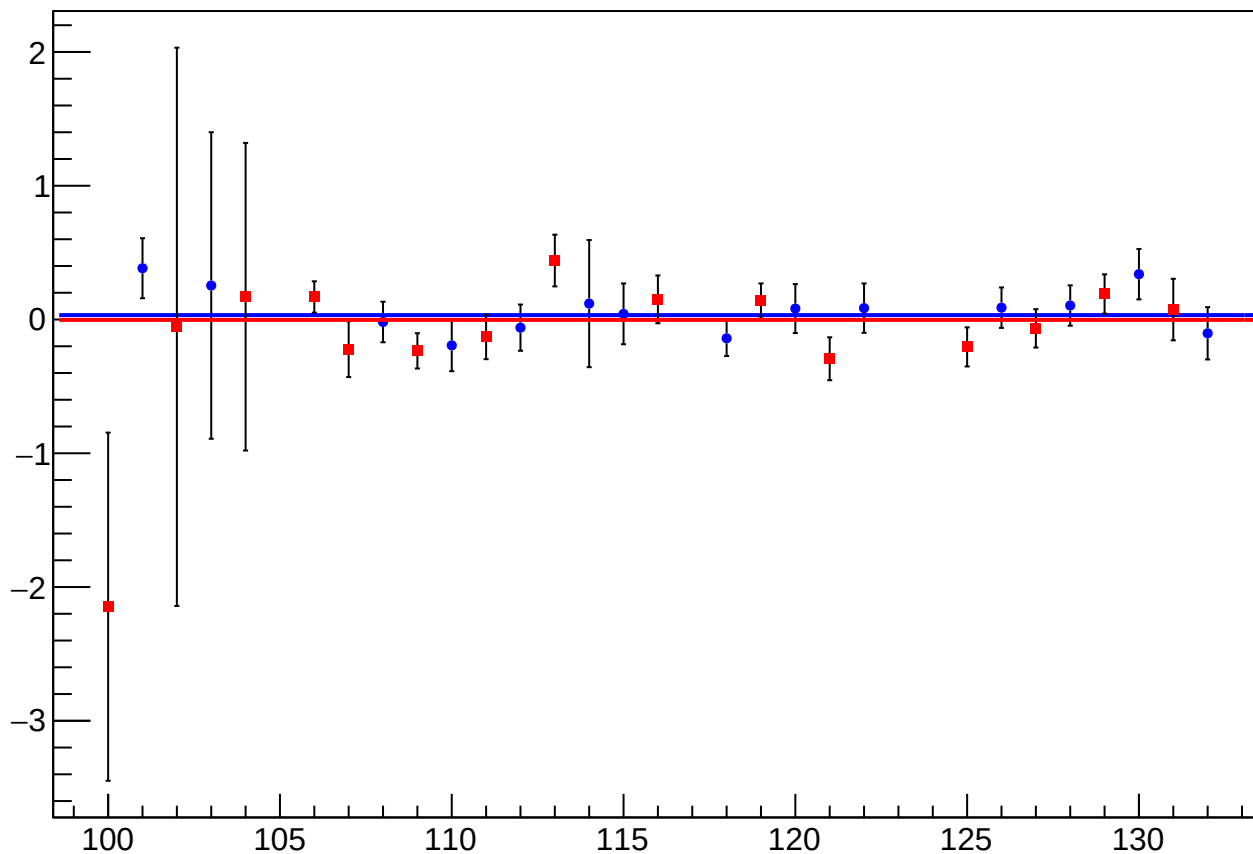
Right: 0.000+/-0.000 χ^2/NDF : 6512952.5/28

In: 0.000+/-0.000 χ^2/NDF : 2738424.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6512952.5/28

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.050 χ^2/NDF : 9.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.003+/-0.044 χ^2/NDF : 24.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

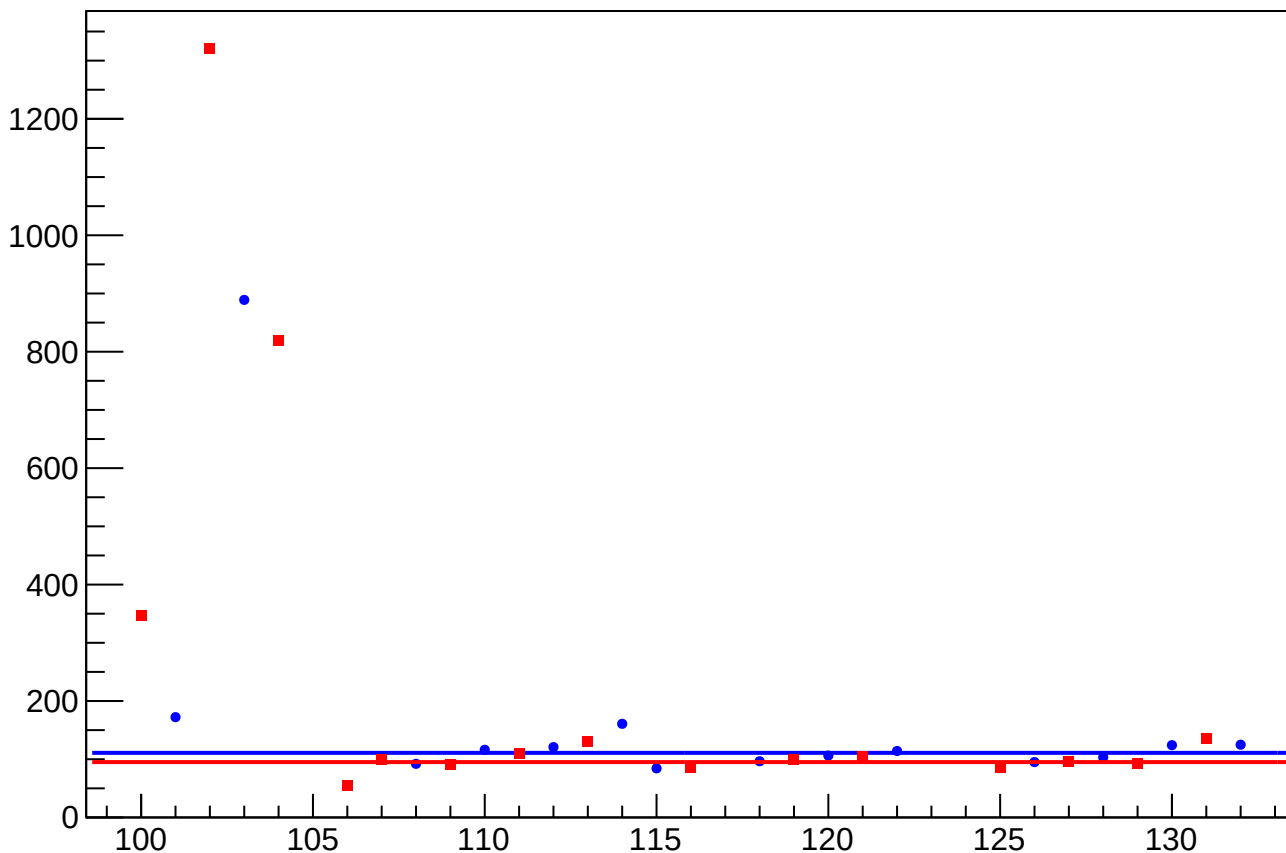
Right: 0.013+/-0.033 χ^2/NDF : 34.0/28

In: 0.033+/-0.050 χ^2/NDF : 9.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.033 χ^2/NDF : 34.0/28

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 110.980+/-0.035 χ^2/NDF : 1232927.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.093+/-0.031 χ^2/NDF : 1962351.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

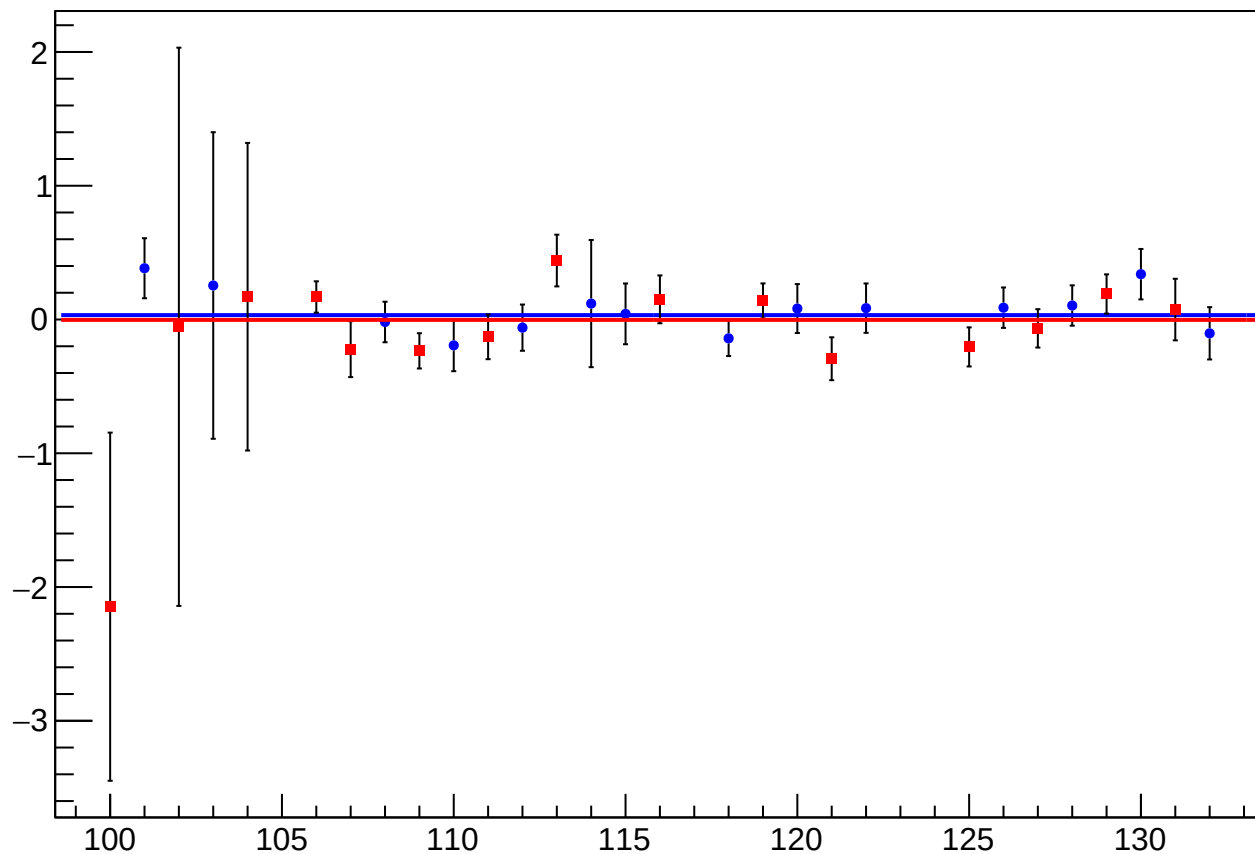
Right: 102.165+/-0.023 χ^2/NDF : 3309130.8/28

In: 110.980+/-0.035 χ^2/NDF : 1232927.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.165+/-0.023 χ^2/NDF : 3309130.8/28

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.050 χ^2/NDF : 9.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.003+/-0.044 χ^2/NDF : 24.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

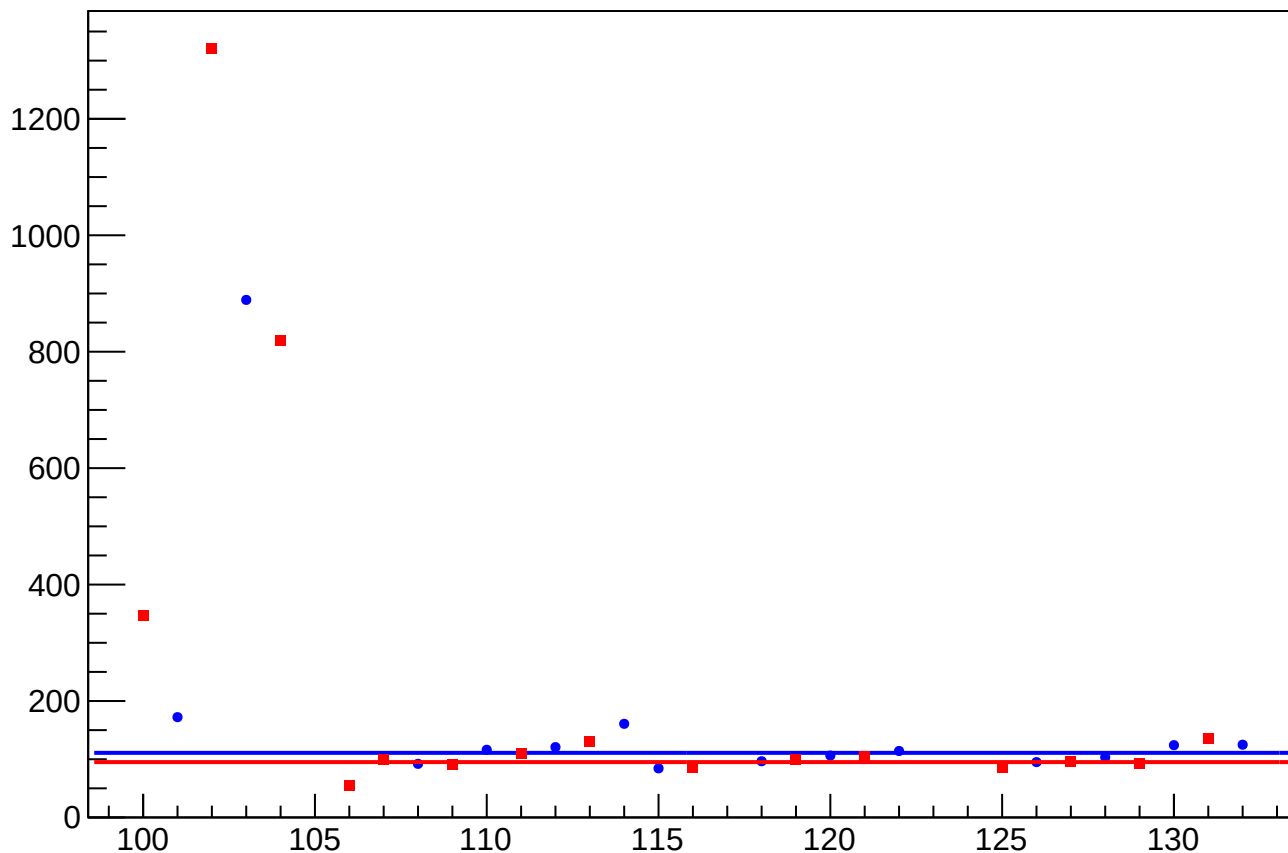
Right: 0.013+/-0.033 χ^2/NDF : 34.0/28

In: 0.033+/-0.050 χ^2/NDF : 9.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.033 χ^2/NDF : 34.0/28

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 110.980+/-0.035 χ^2/NDF : 1232927.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.093+/-0.031 χ^2/NDF : 1962351.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

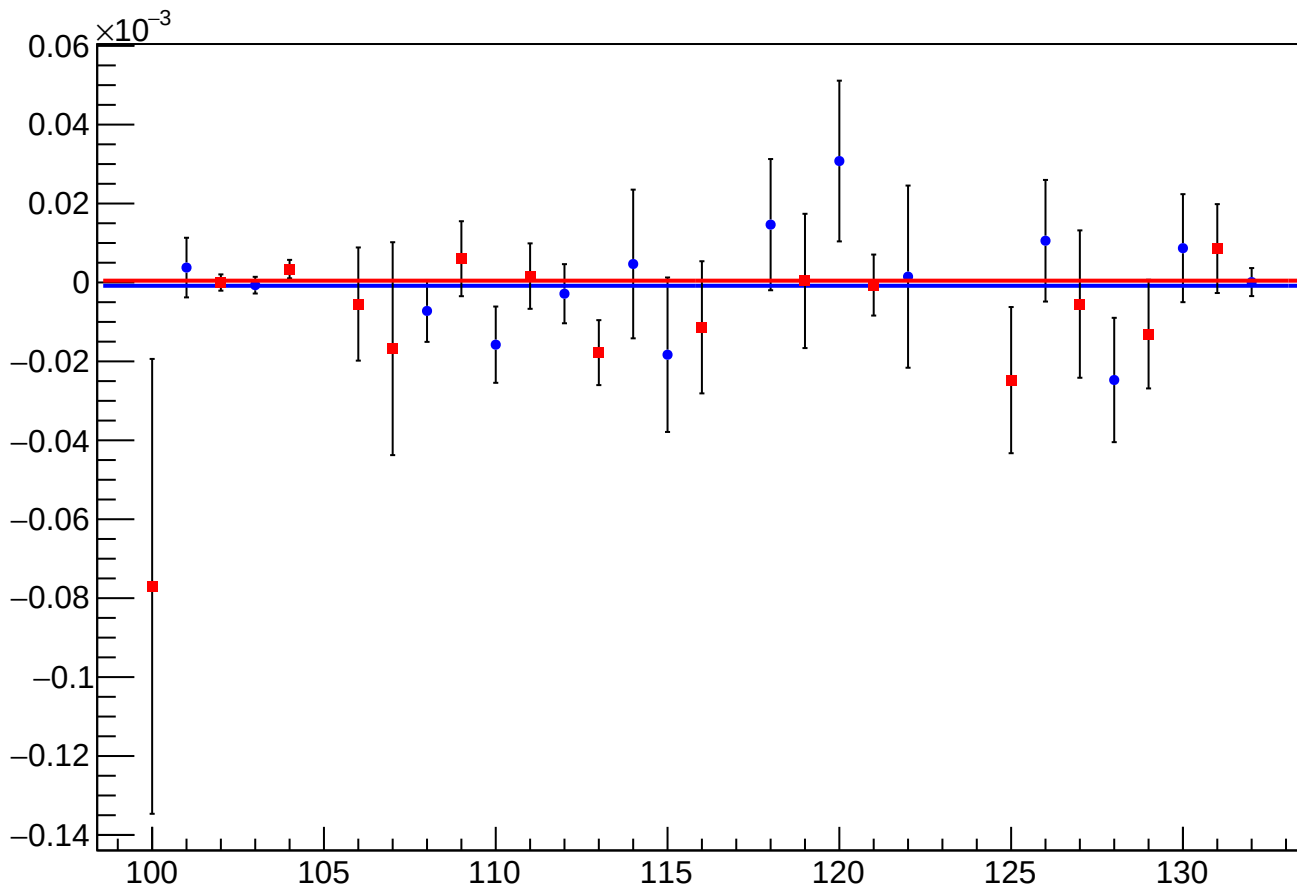
Right: 102.165+/-0.023 χ^2/NDF : 3309130.8/28

In: 110.980+/-0.035 χ^2/NDF : 1232927.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.165+/-0.023 χ^2/NDF : 3309130.8/28

asym_us_avg_atlr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

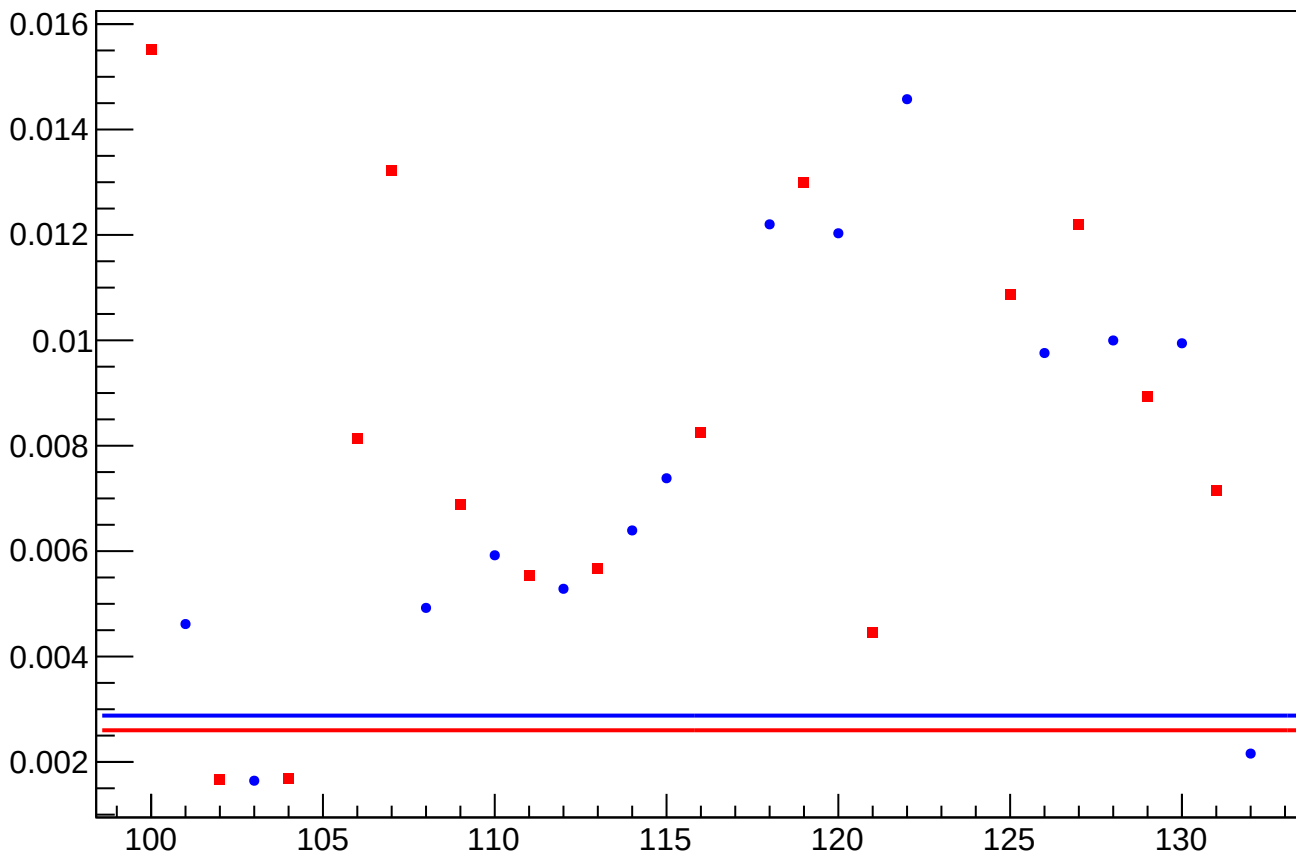
Right: -0.000+/-0.000 χ^2/NDF : 24.7/28

In: -0.000+/-0.000 χ^2/NDF : 11.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.7/28

asym_us_avg_atlr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000

χ^2/NDF : 4473967.8/13

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000

χ^2/NDF : 5133685.4/14

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.003+/-0.000

χ^2/NDF : 9642022.1/28

In: 0.003+/-0.000

χ^2/NDF : 4473967.8/13

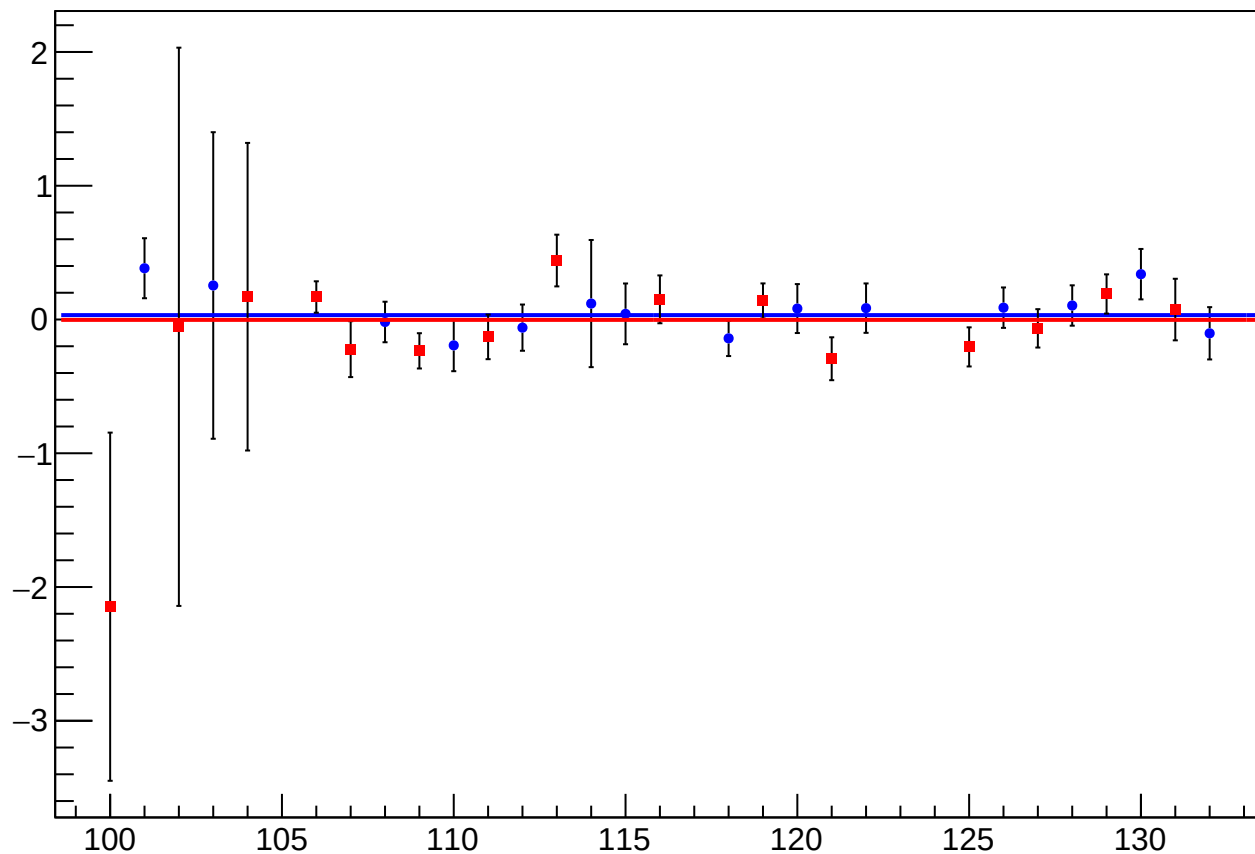
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.003+/-0.000

χ^2/NDF : 9642022.1/28

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.050 χ^2/NDF : 9.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.003+/-0.044 χ^2/NDF : 24.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

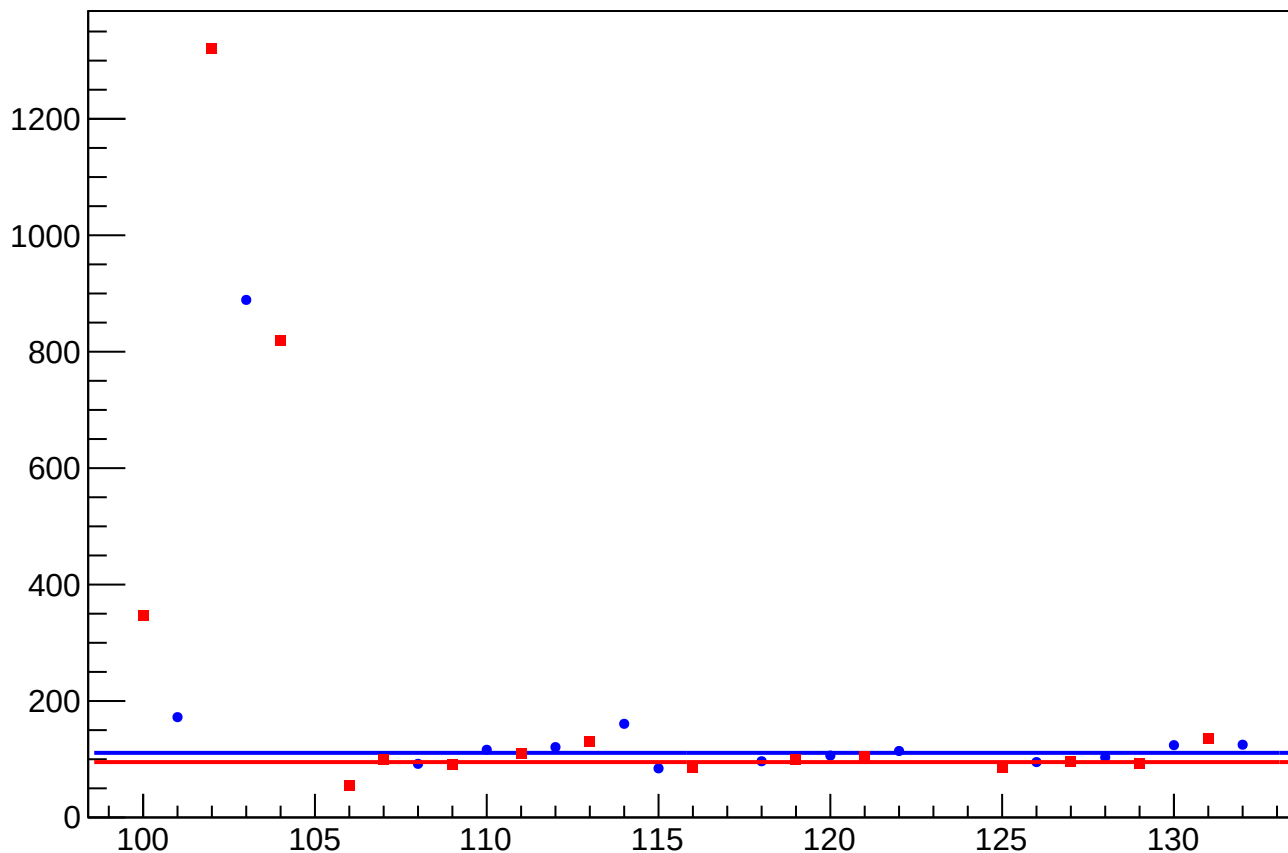
Right: 0.013+/-0.033 χ^2/NDF : 34.0/28

In: 0.033+/-0.050 χ^2/NDF : 9.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.033 χ^2/NDF : 34.0/28

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 110.980+/-0.035 χ^2/NDF : 1232912.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.092+/-0.031 χ^2/NDF : 1962418.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

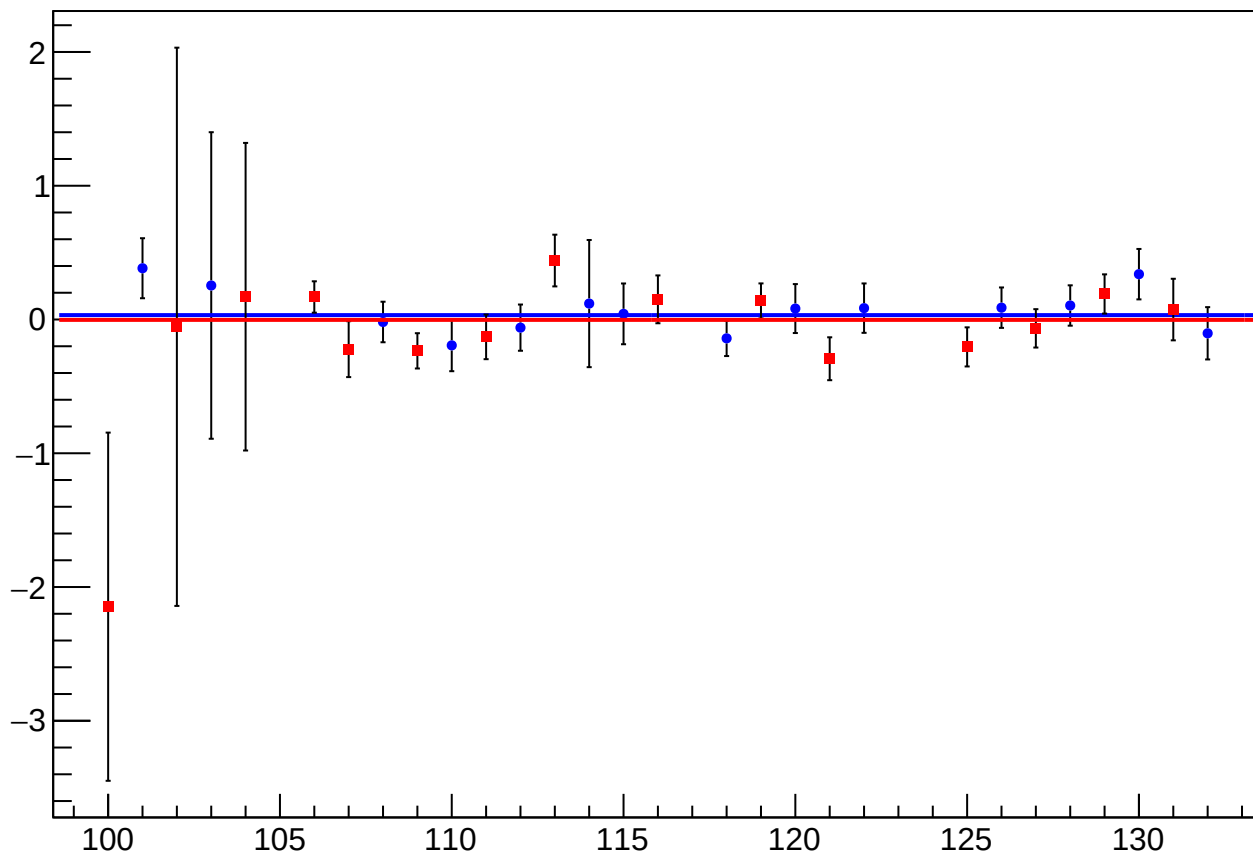
Right: 102.164+/-0.023 χ^2/NDF : 3309195.1/28

In: 110.980+/-0.035 χ^2/NDF : 1232912.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.164+/-0.023 χ^2/NDF : 3309195.1/28

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.050 χ^2/NDF : 9.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.003+/-0.044 χ^2/NDF : 24.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

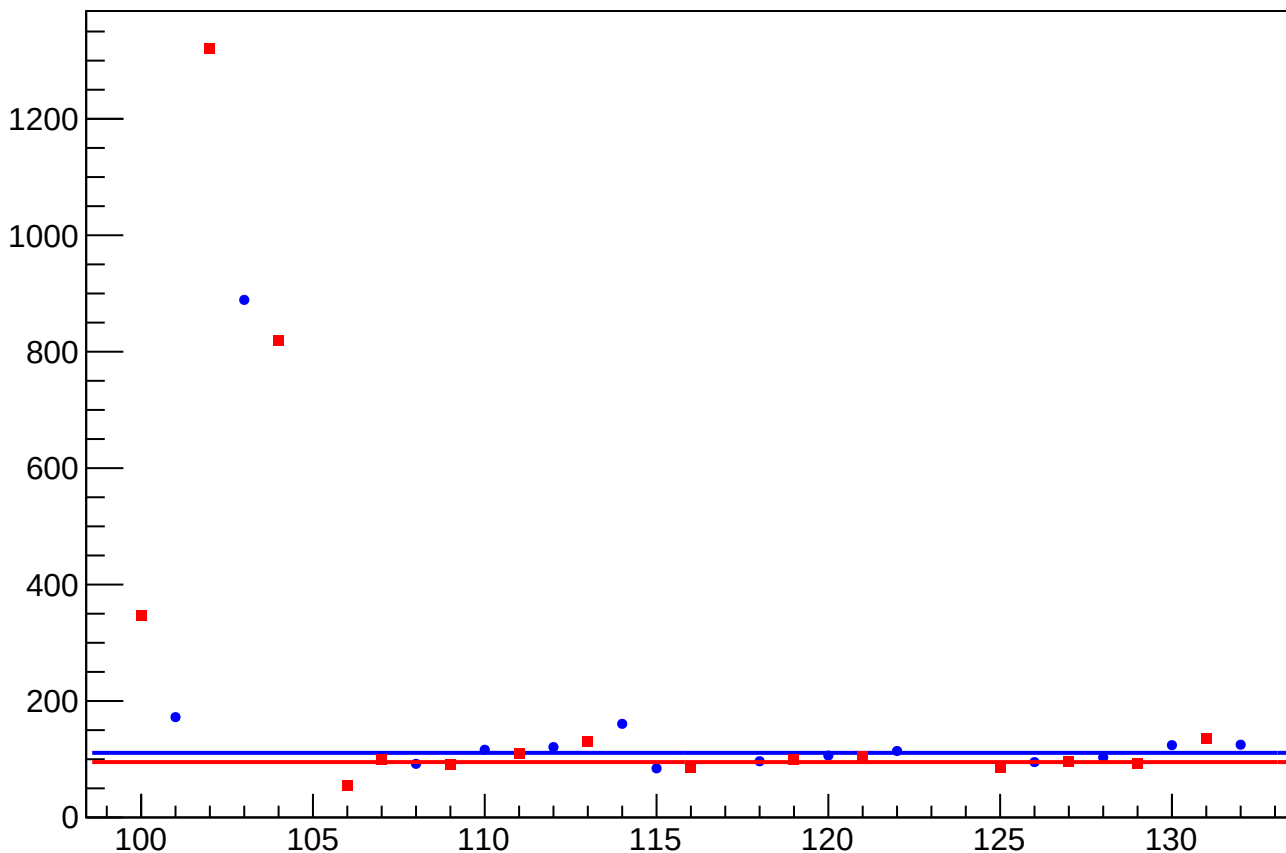
Right: 0.013+/-0.033 χ^2/NDF : 34.0/28

In: 0.033+/-0.050 χ^2/NDF : 9.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.033 χ^2/NDF : 34.0/28

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 110.980+/-0.035 χ^2/NDF : 1232912.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.092+/-0.031 χ^2/NDF : 1962418.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

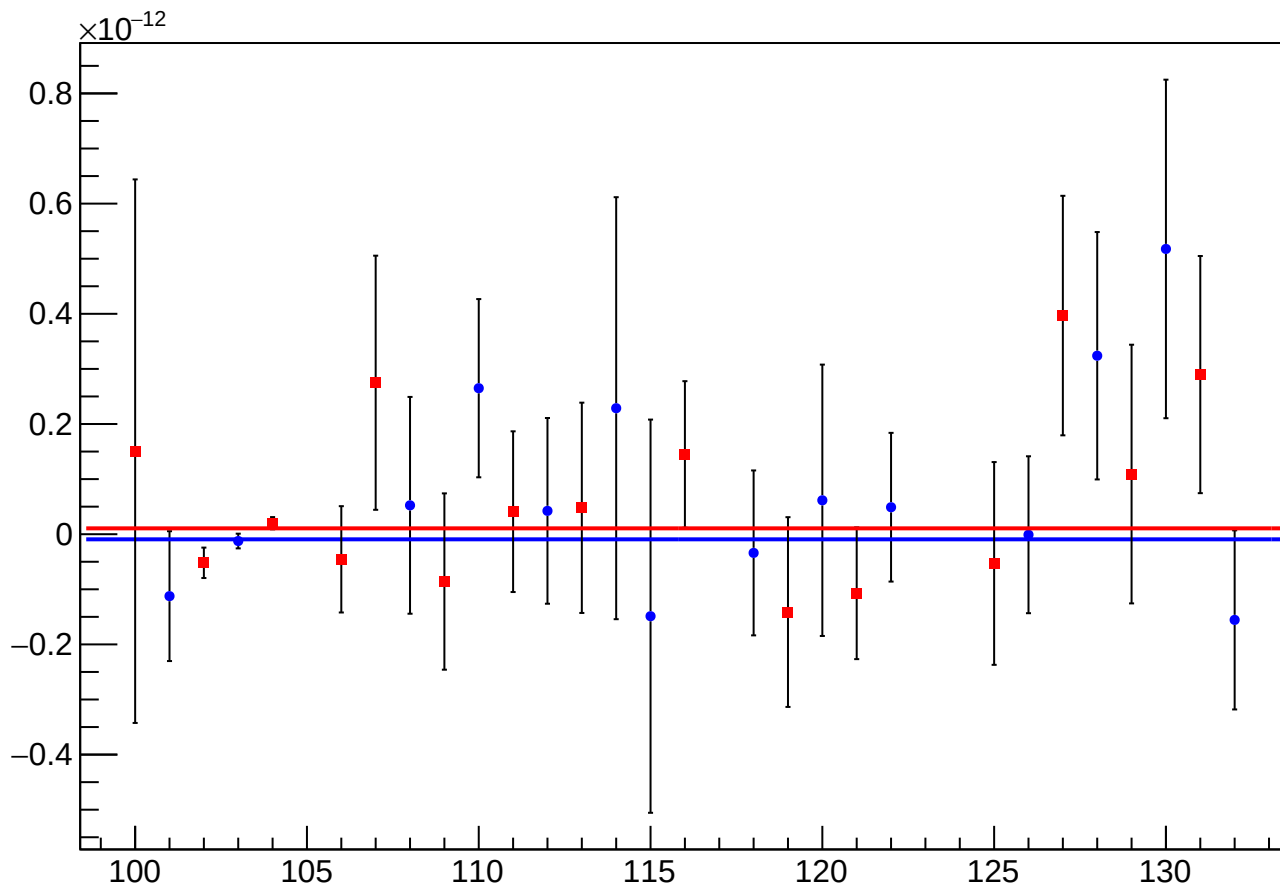
Right: 102.164+/-0.023 χ^2/NDF : 3309195.1/28

In: 110.980+/-0.035 χ^2/NDF : 1232912.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.164+/-0.023 χ^2/NDF : 3309195.1/28

asym_us_avg_atlr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

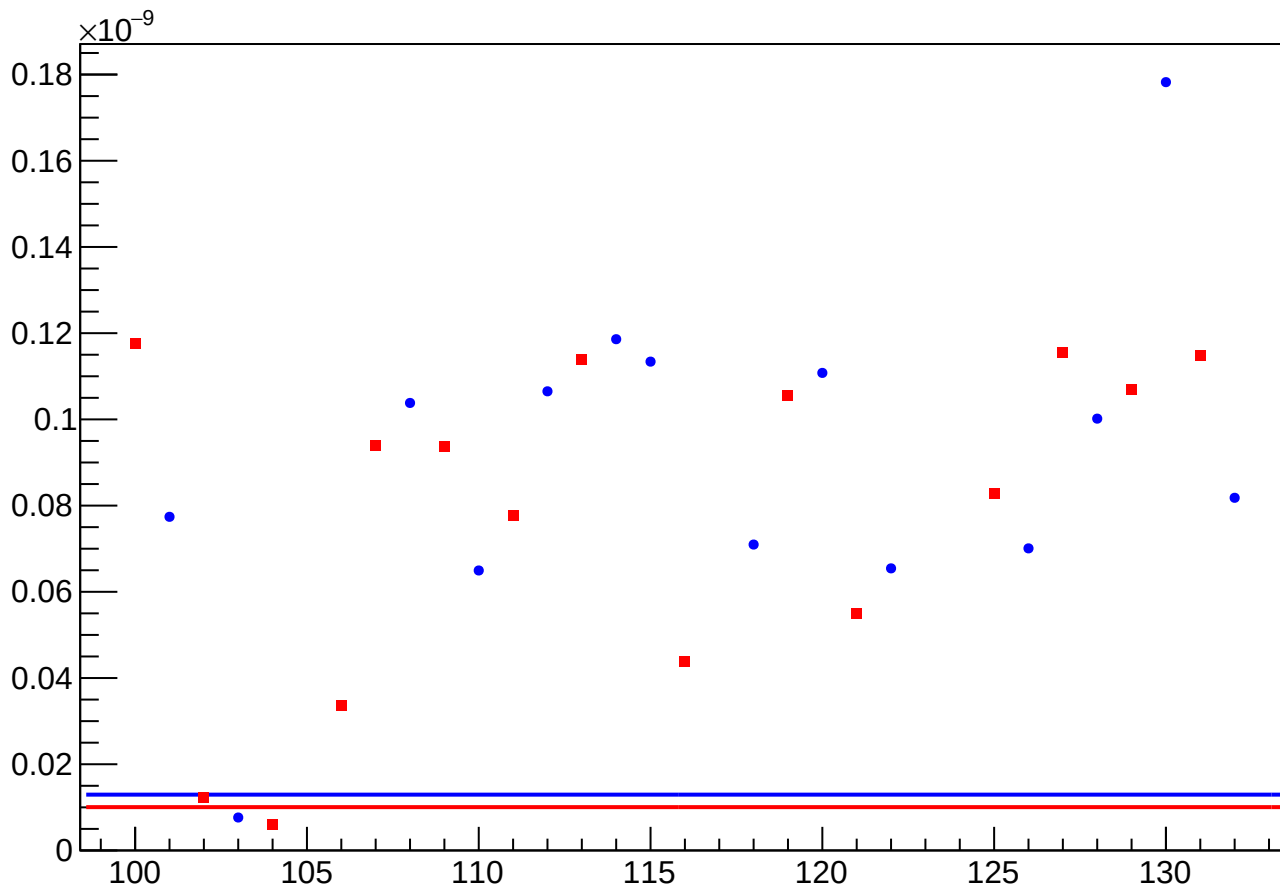
Right: 0.000+/-0.000 χ^2/NDF : 28.1/28

In: -0.000+/-0.000 χ^2/NDF : 10.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.1/28

asym_us_avg_atlr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4955548.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4960808.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

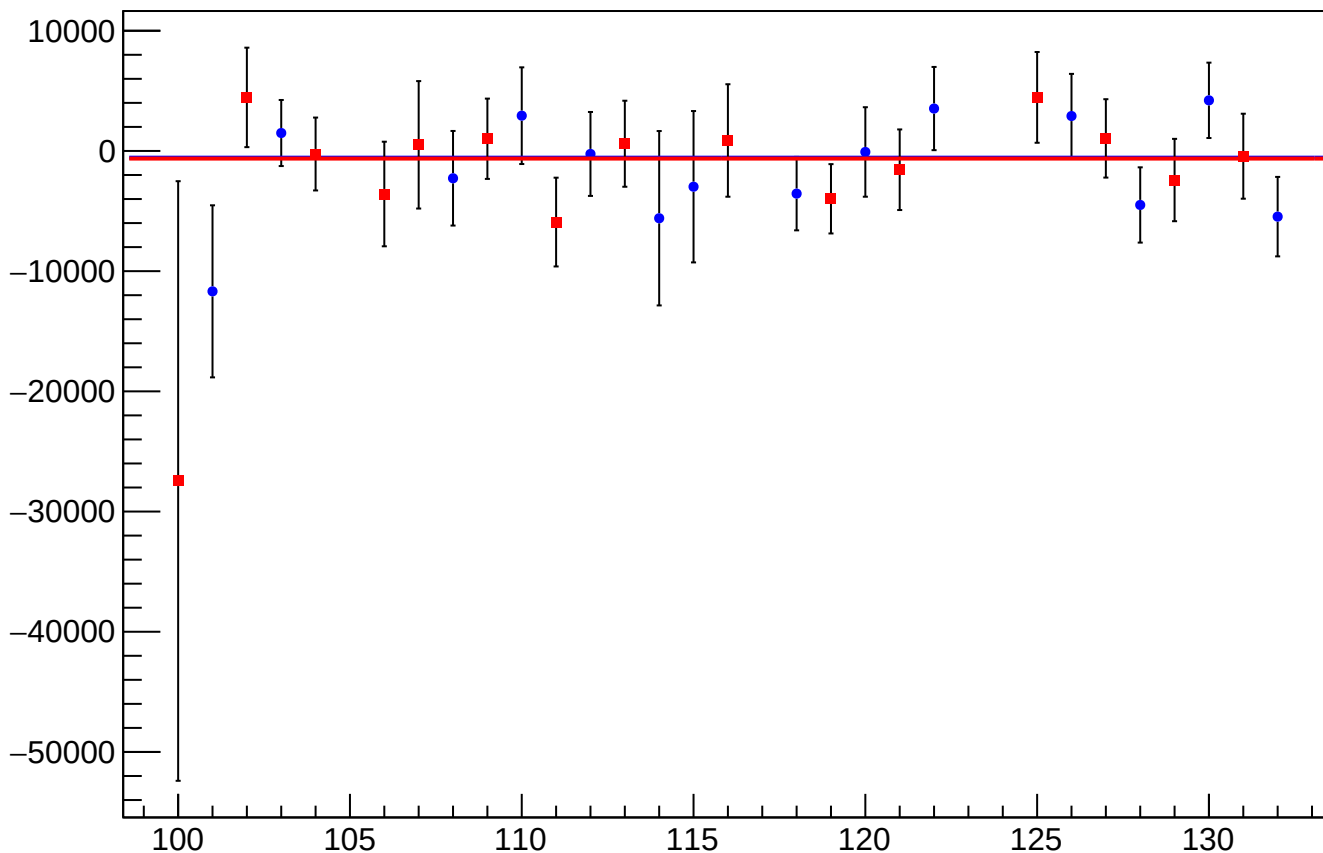
Right: 0.000+/-0.000 χ^2/NDF : 9979333.4/28

In: 0.000+/-0.000 χ^2/NDF : 4955548.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9979333.4/28

reg_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -558.474+/-978.757 χ^2 /NDF: 14.0/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -634.502+/-961.112 χ^2 /NDF: 9.5/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

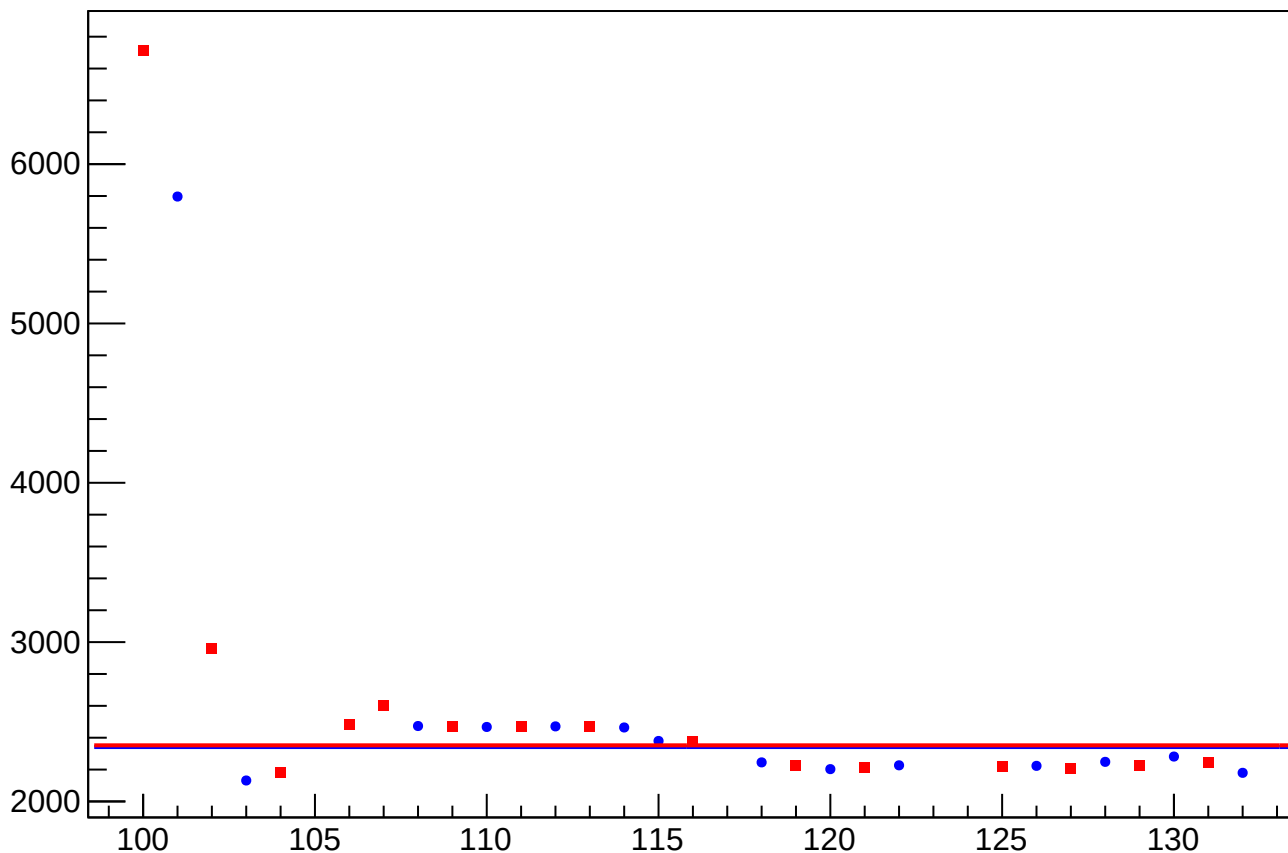
Right: -597.180+/-685.762 χ^2 /NDF: 23.5/28

In: -558.474+/-978.757 χ^2 /NDF:14.0/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -597.180+/-685.762 χ^2 /NDF: 23.5/28

reg_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2341.457+/-0.692 χ^2/NDF : 501809.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2352.222+/-0.680 χ^2/NDF : 141454.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

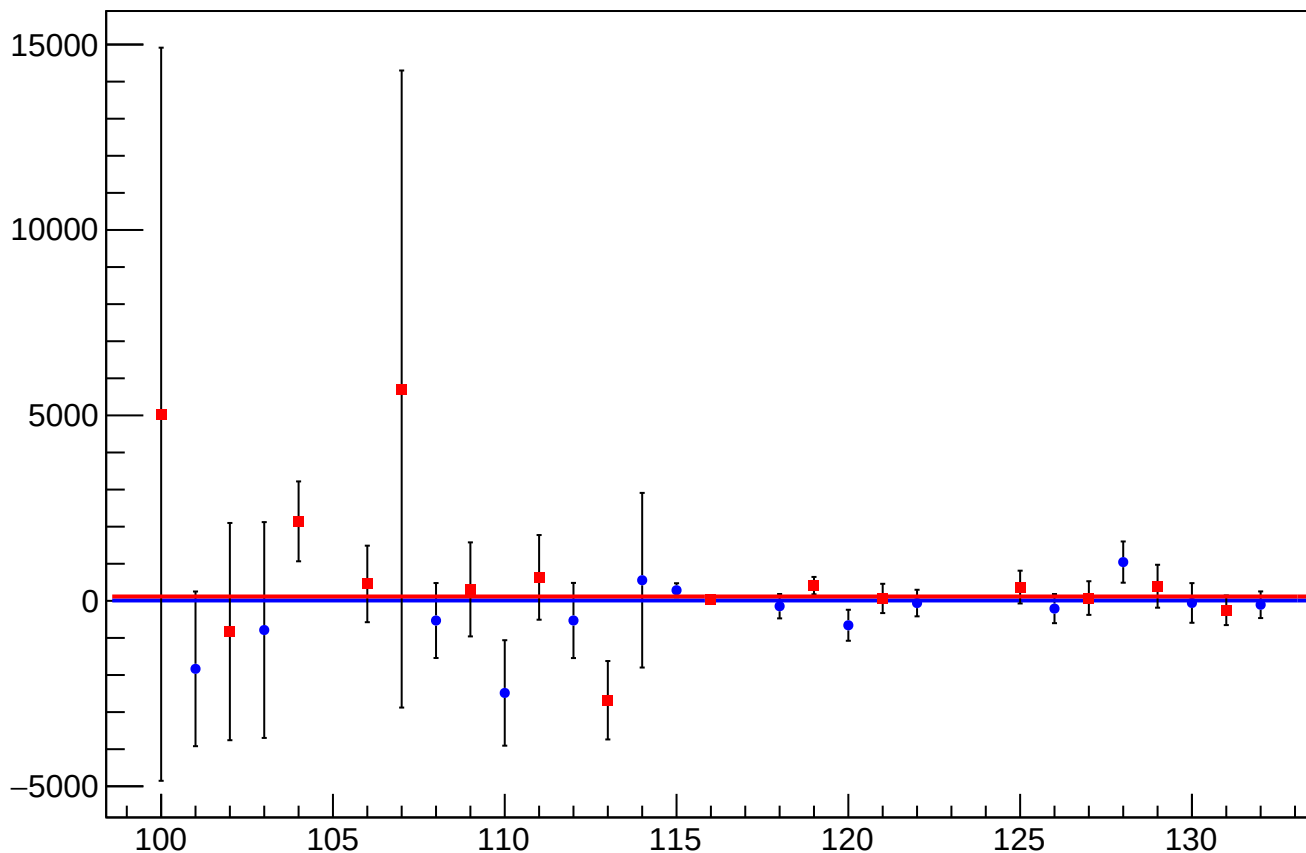
Right: 2346.937+/-0.485 χ^2/NDF : 643387.2/28

In: 2341.457+/-0.692 χ^2/NDF : 501809.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2346.937+/-0.485 χ^2/NDF : 643387.2/28

asym_us_dd_at1lr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 10.028+/-115.689 χ^2/NDF : 13.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 117.227+/-94.634 χ^2/NDF : 15.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

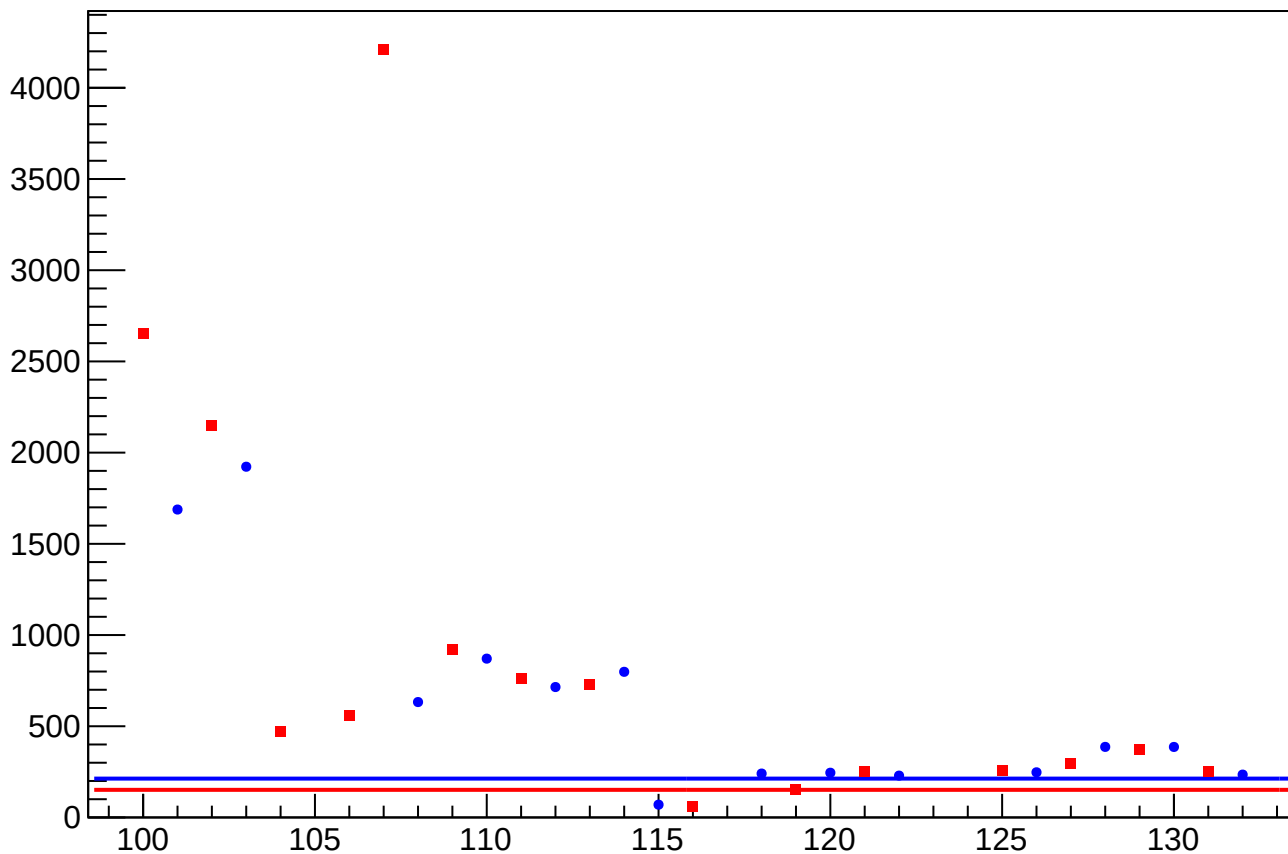
Right: 74.253+/-73.249 χ^2/NDF : 28.9/28

In: 10.028+/-115.689 χ^2/NDF : 13.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.253+/-73.249 χ^2/NDF : 28.9/28

asym_us_dd_at1lr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 213.008+/-0.082 χ^2/NDF : 4680753.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 151.379+/-0.067 χ^2/NDF : 5804260.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

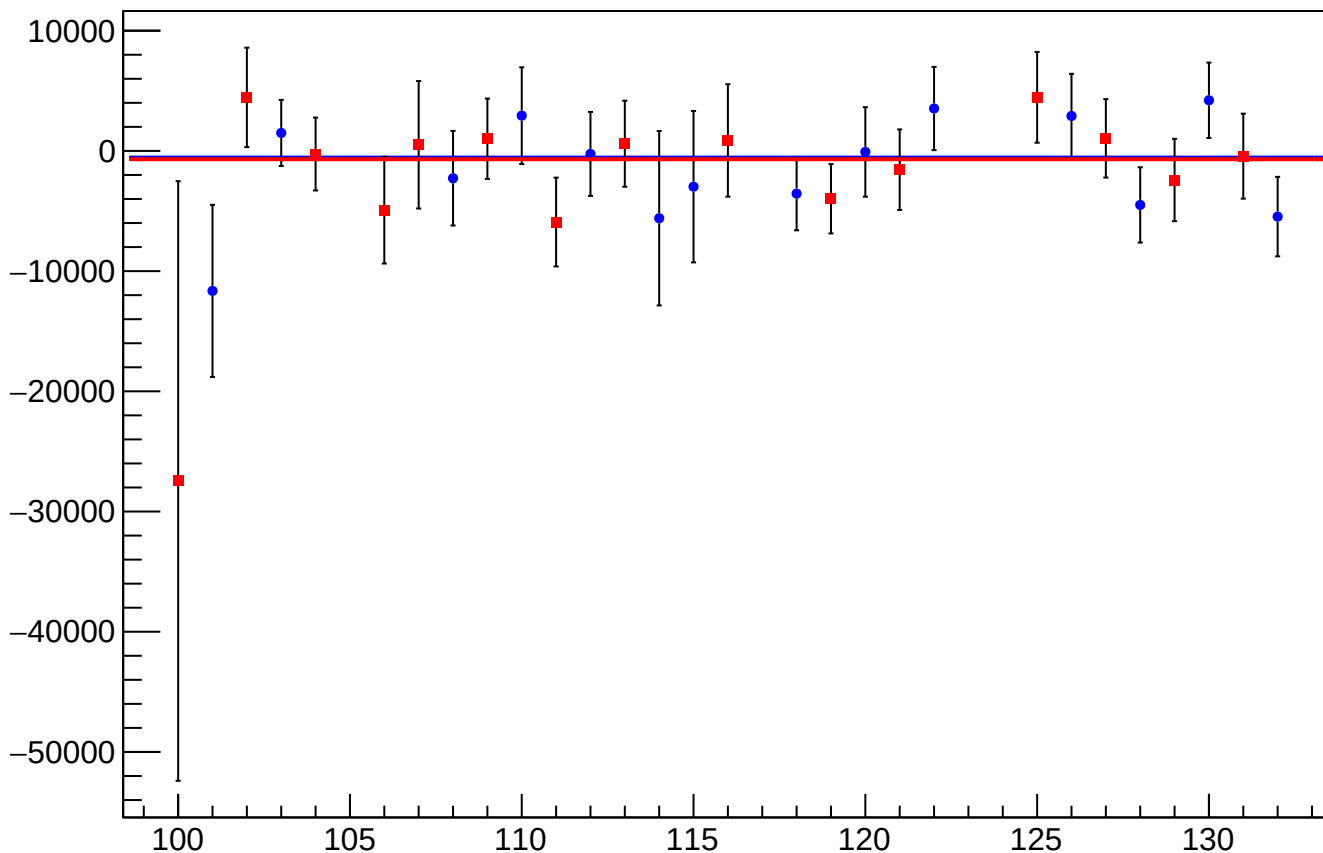
Right: 176.085+/-0.052 χ^2/NDF : 10825045.0/28

In: 213.008+/-0.082 χ^2/NDF :4680753.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 176.085+/-0.052 χ^2/NDF : 10825045.0/28

cor_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -557.250+/-978.757 χ^2 /NDF: 14.0/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -692.184+/-962.087 χ^2 /NDF: 10.0/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

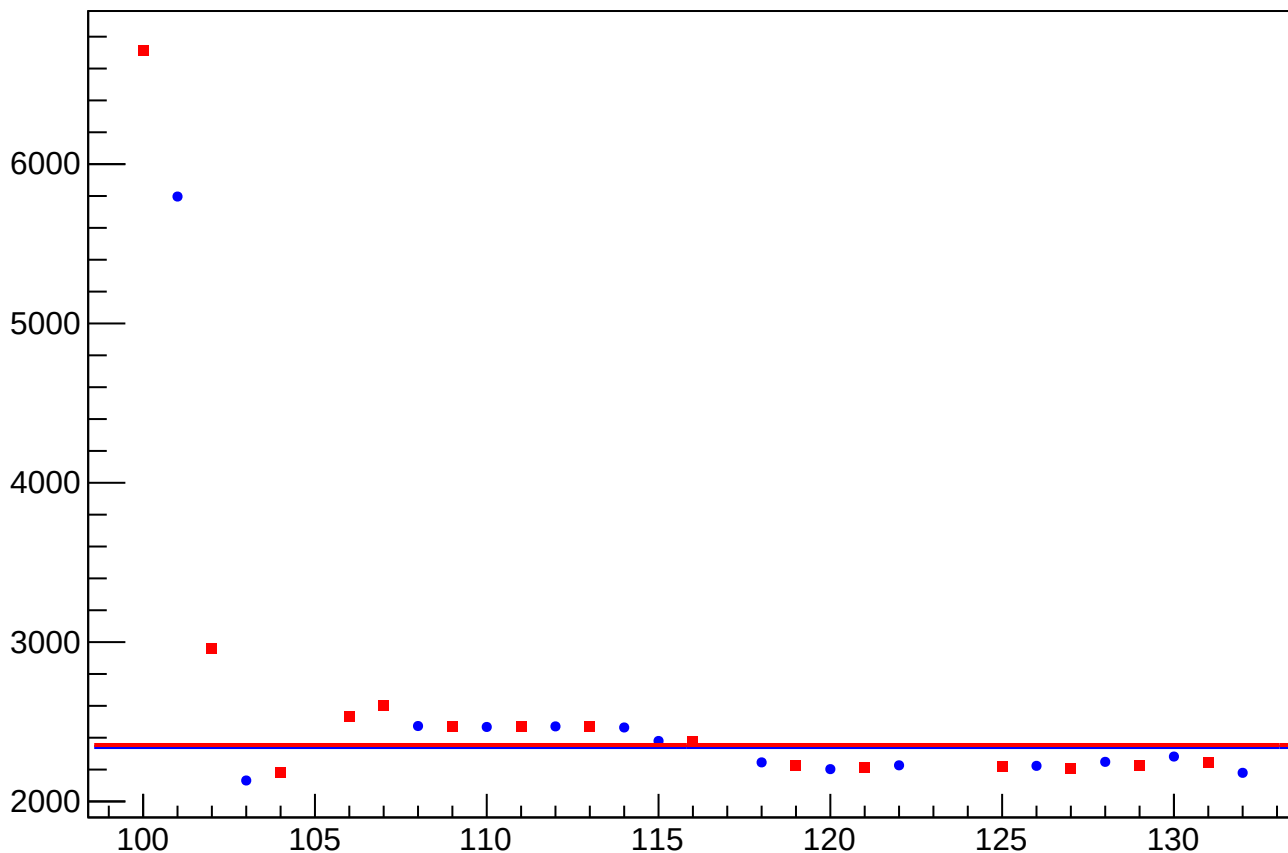
Right: -625.876+/-686.116 χ^2 /NDF: 23.9/28

In: -557.250+/-978.757 χ^2 /NDF:14.0/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -625.876+/-686.116 χ^2 /NDF: 23.9/28

cor_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2341.457+/-0.692 χ^2/NDF : 501810.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2354.332+/-0.680 χ^2/NDF : 142980.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

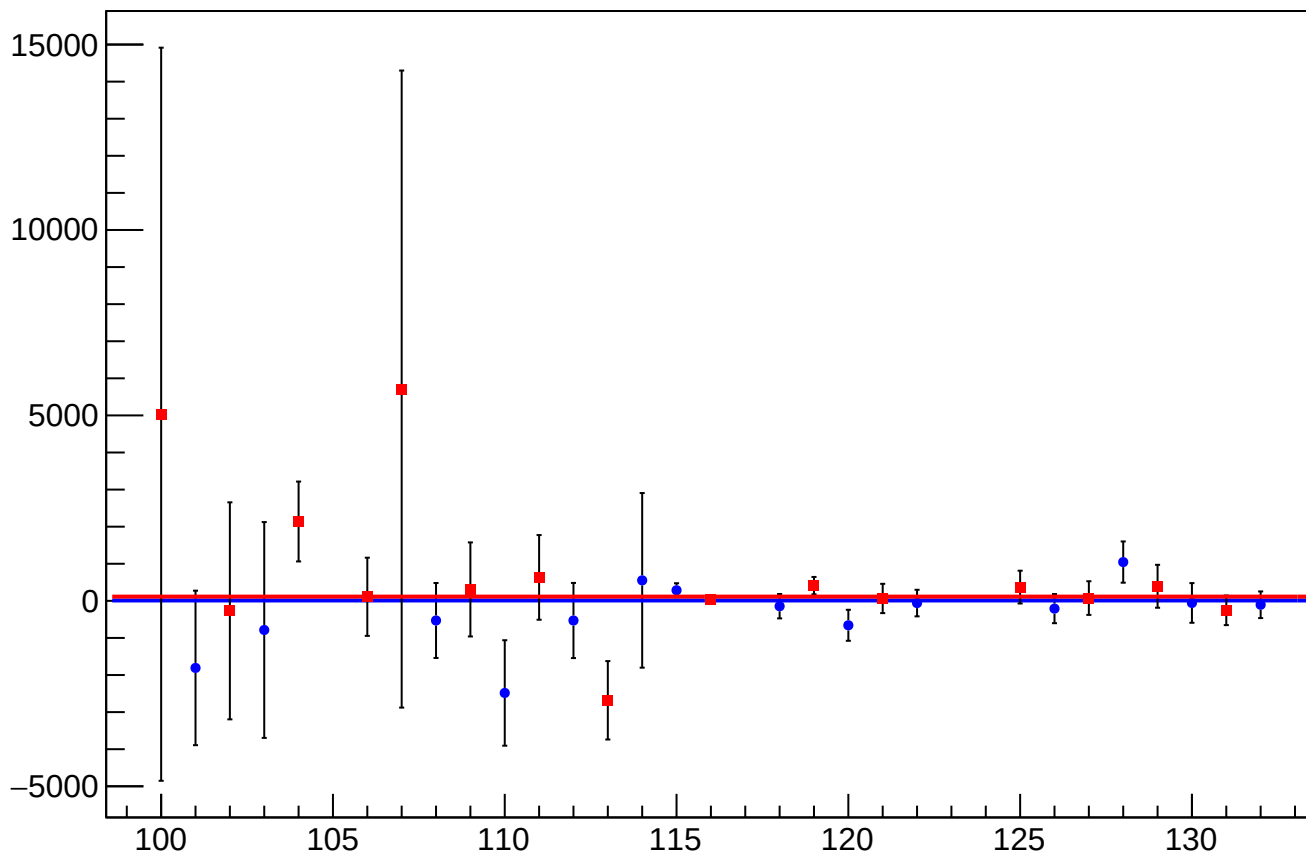
Right: 2348.005+/-0.485 χ^2/NDF : 644966.9/28

In: 2341.457+/-0.692 χ^2/NDF :501810.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2348.005+/-0.485 χ^2/NDF : 644966.9/28

asym_us_dd_at1lr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 10.136+/-115.707 χ^2/NDF : 13.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.198+/-94.536 χ^2/NDF : 14.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

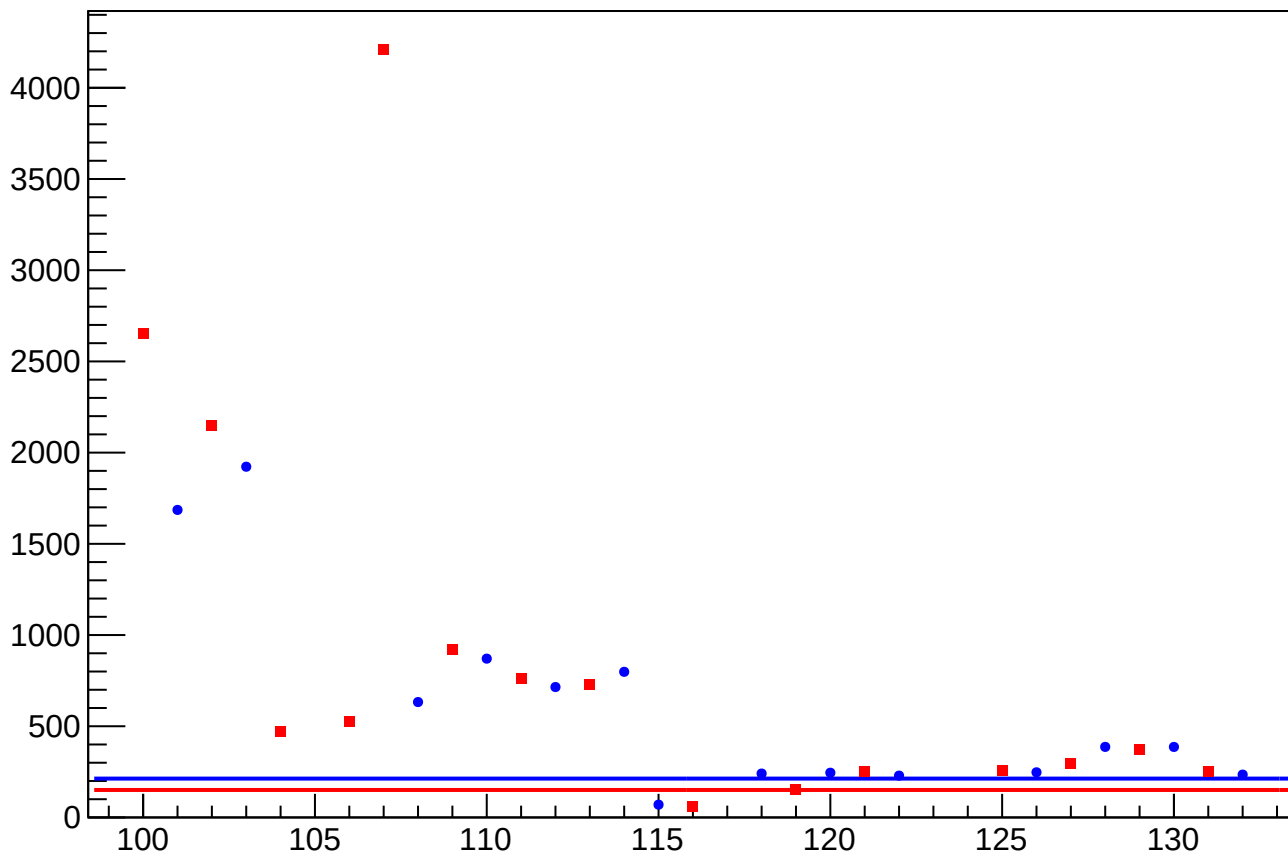
Right: 72.541+/-73.208 χ^2/NDF : 28.7/28

In: 10.136+/-115.707 χ^2/NDF : 13.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.541+/-73.208 χ^2/NDF : 28.7/28

asym_us_dd_at1lr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 213.066+/-0.082 χ^2/NDF : 4679134.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 150.647+/-0.067 χ^2/NDF : 5757539.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

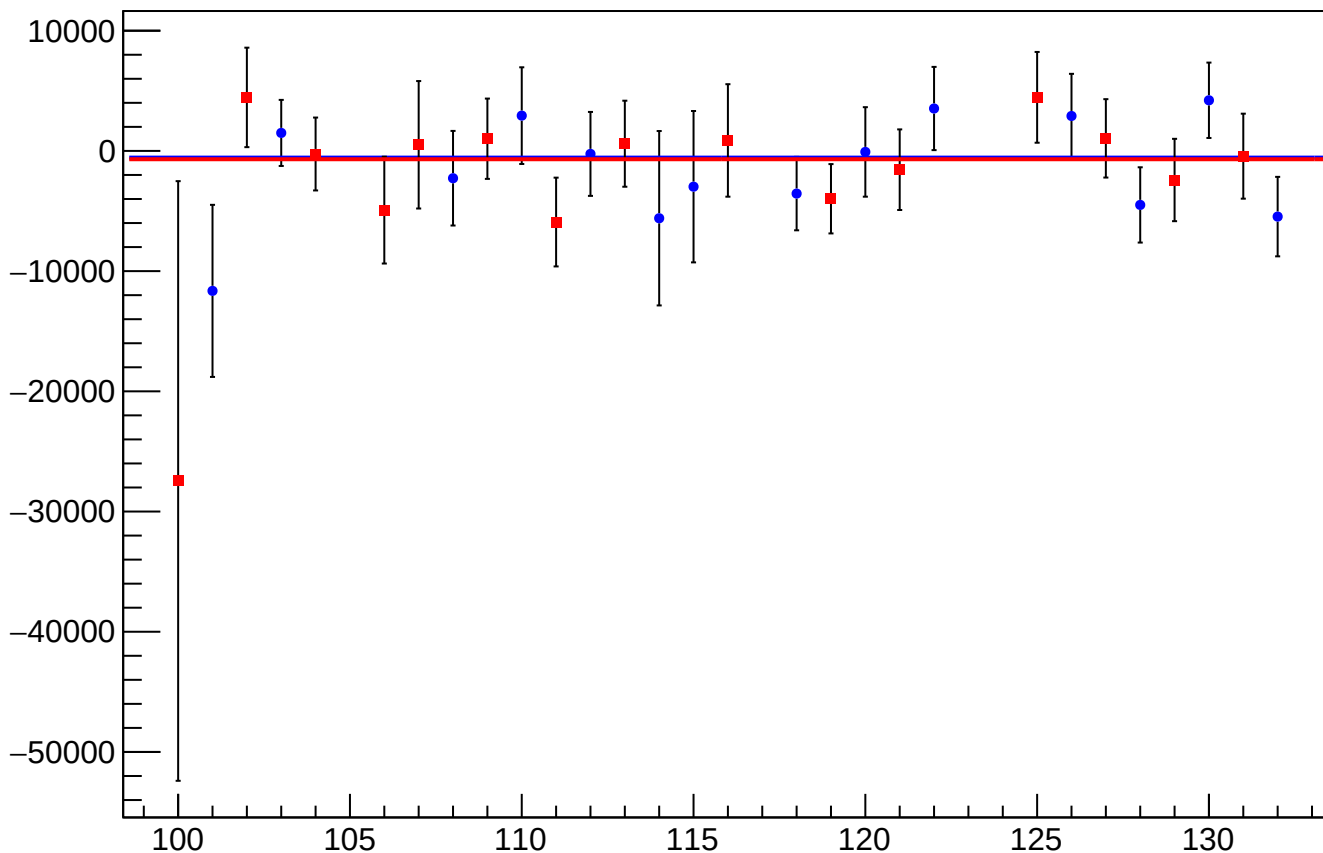
Right: 175.634+/-0.052 χ^2/NDF : 10785713.9/28

In: 213.066+/-0.082 χ^2/NDF :4679134.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 175.634+/-0.052 χ^2/NDF : 10785713.9/28

eigen_cor_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -557.250+/-978.757 χ^2/NDF : 14.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -692.184+/-962.087 χ^2/NDF : 10.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

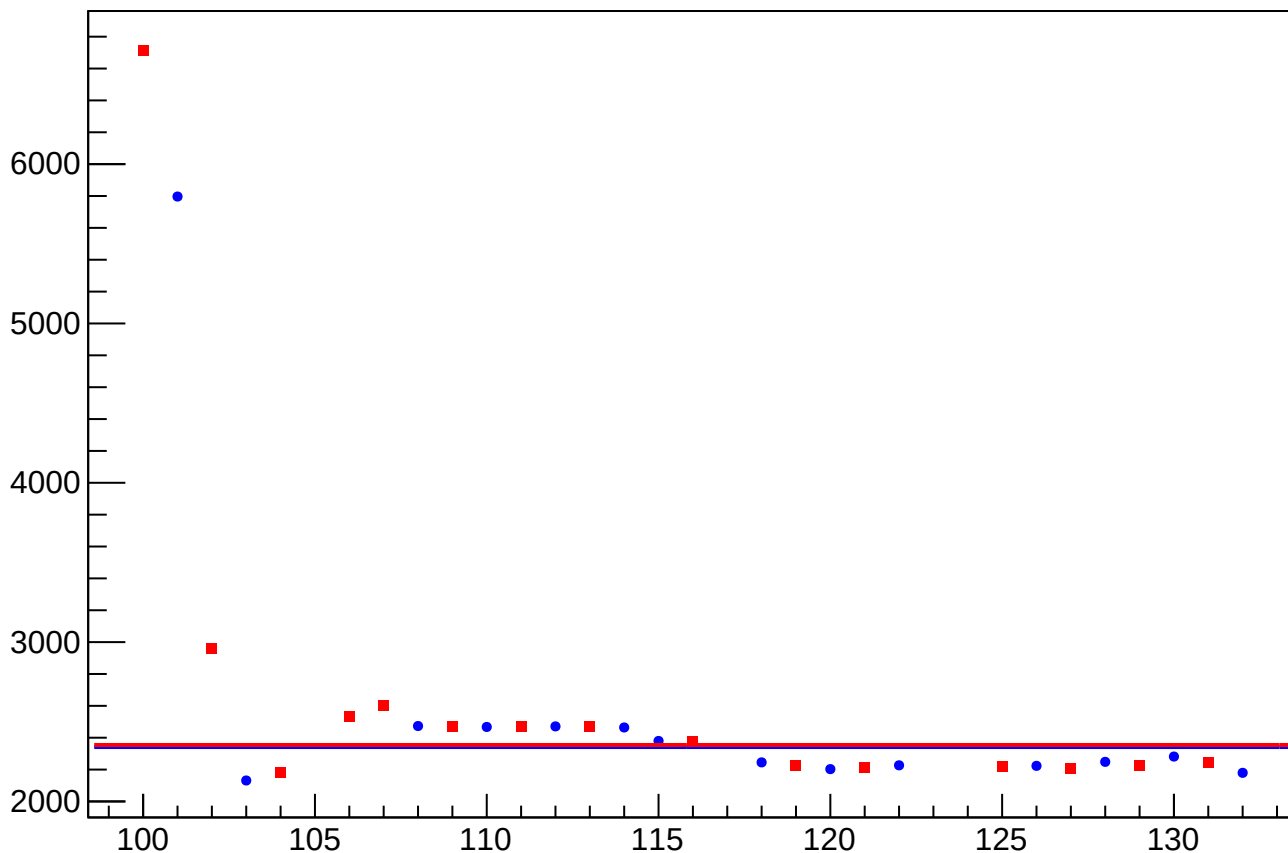
Right: -625.876+/-686.116 χ^2/NDF : 23.9/28

In: -557.250+/-978.757 χ^2/NDF : 14.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -625.876+/-686.116 χ^2/NDF : 23.9/28

eigen_cor_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2341.457+/-0.692 χ^2/NDF : 501810.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2354.332+/-0.680 χ^2/NDF : 142980.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

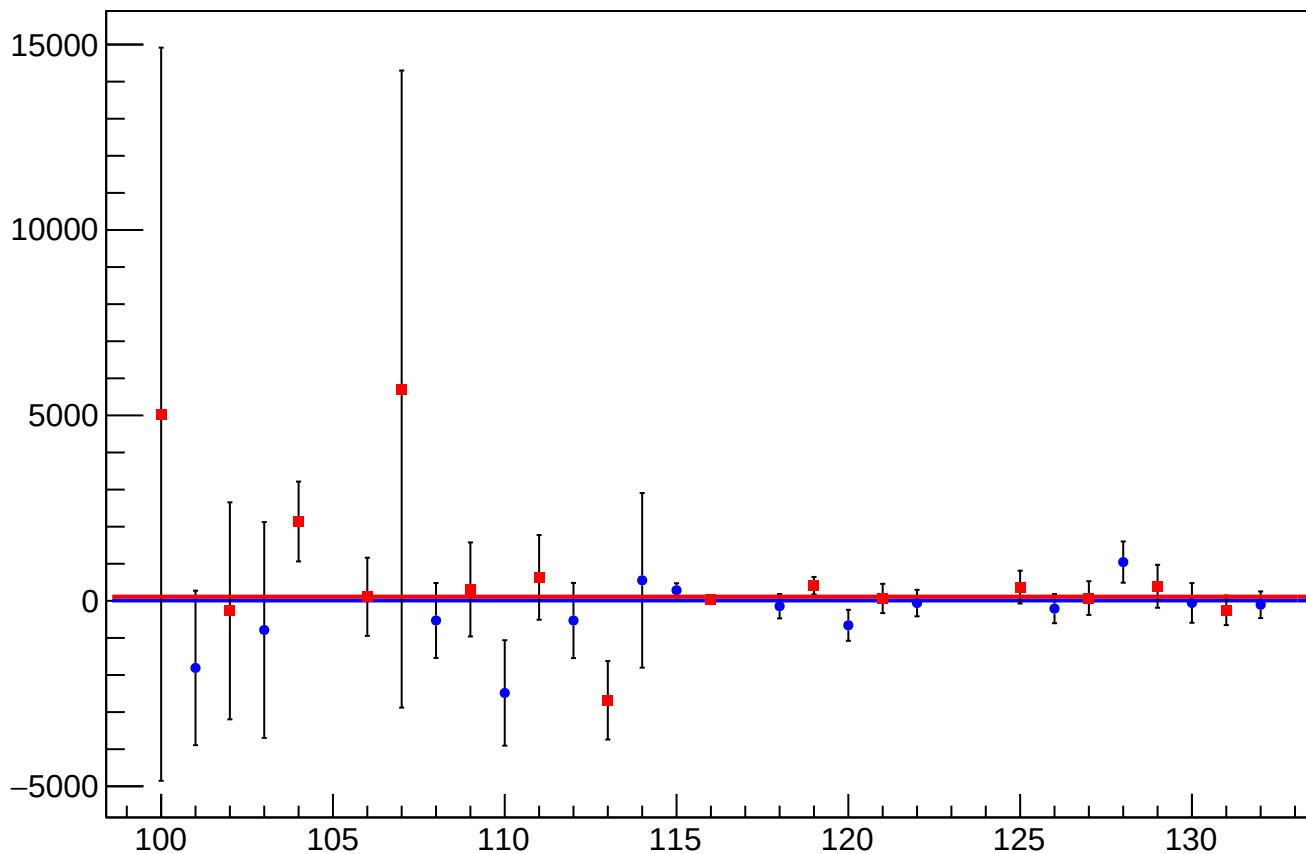
Right: 2348.005+/-0.485 χ^2/NDF : 644966.9/28

In: 2341.457+/-0.692 χ^2/NDF : 501810.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2348.005+/-0.485 χ^2/NDF : 644966.9/28

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 10.136+/-115.707 χ^2/NDF : 13.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.198+/-94.536 χ^2/NDF : 14.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

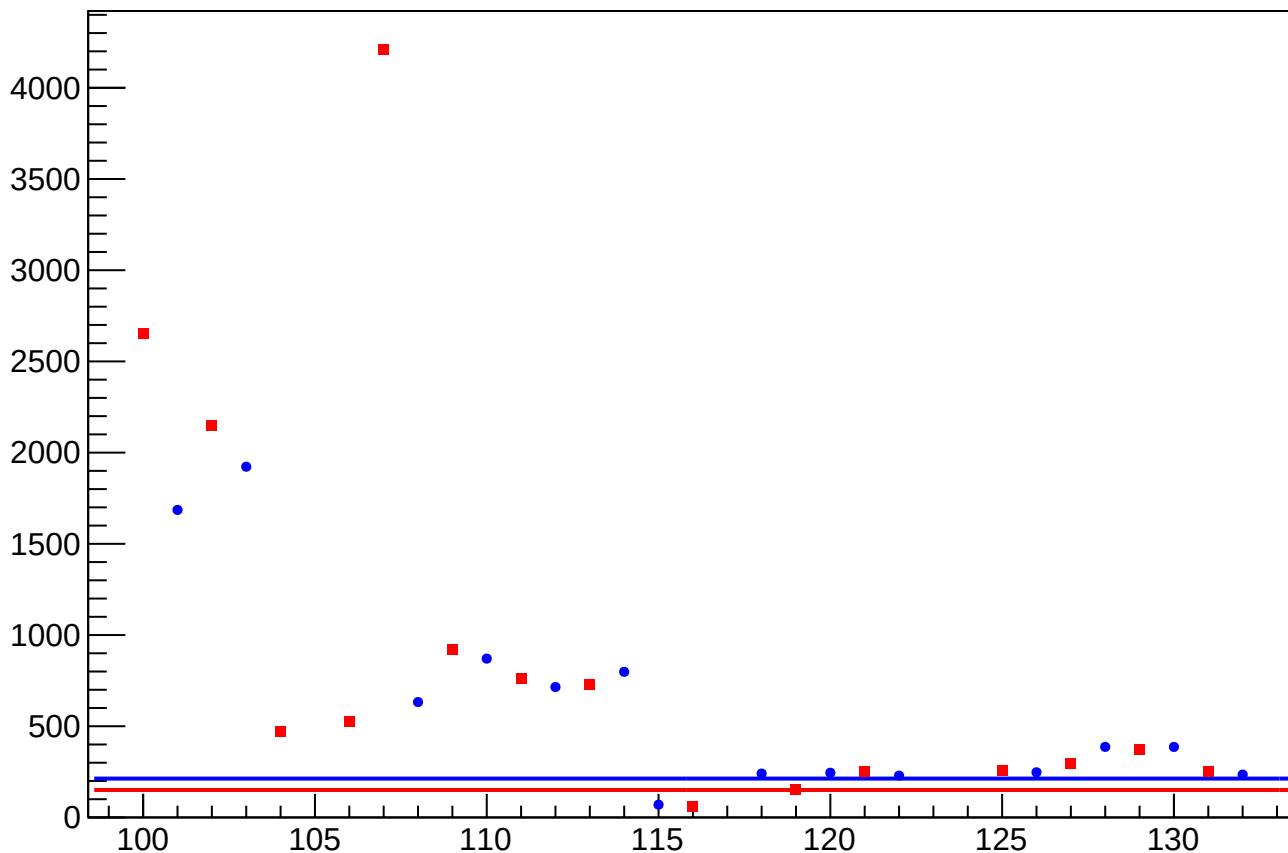
Right: 72.541+/-73.208 χ^2/NDF : 28.7/28

In: 10.136+/-115.707 χ^2/NDF : 13.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.541+/-73.208 χ^2/NDF : 28.7/28

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 213.066+/-0.082 χ^2/NDF : 4679134.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 150.647+/-0.067 χ^2/NDF : 5757539.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

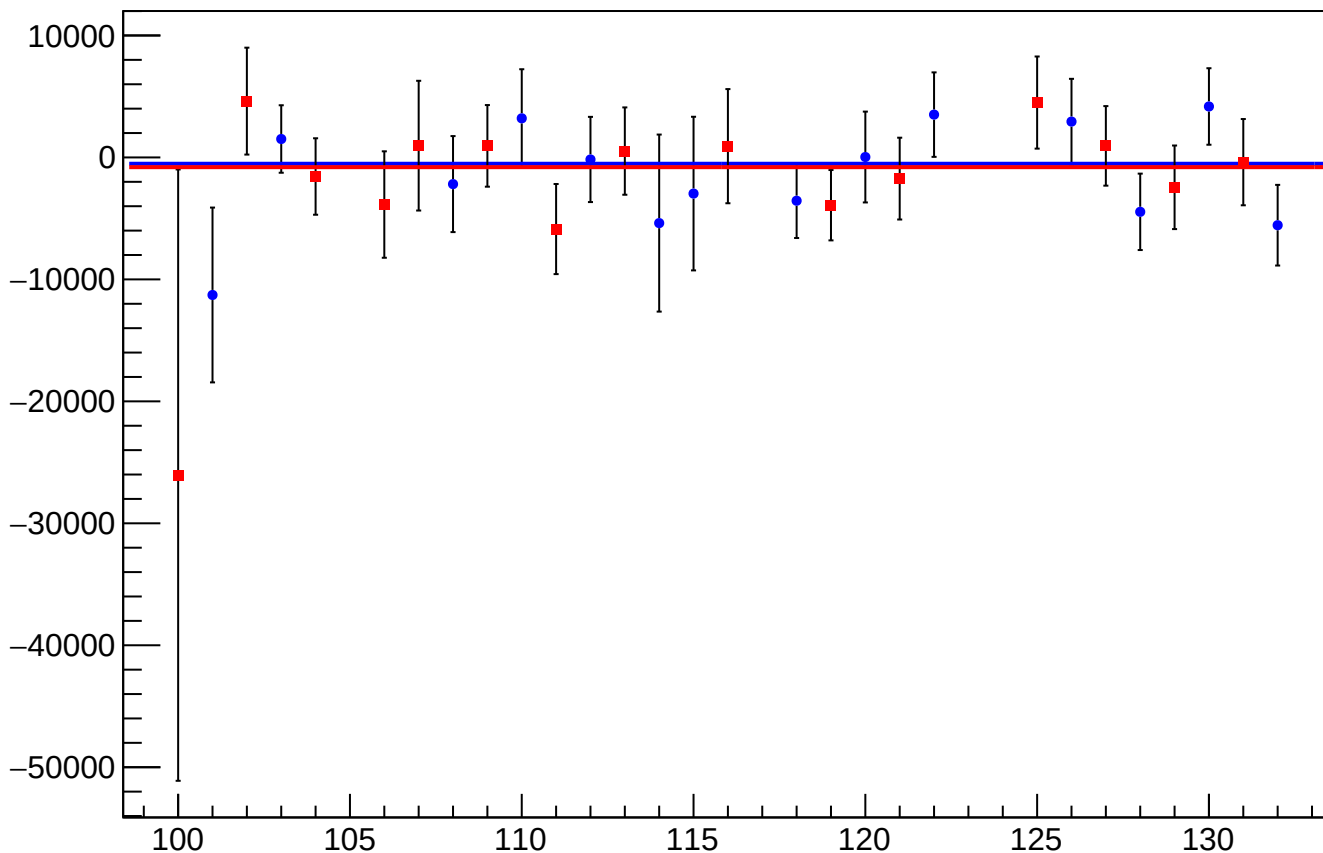
Right: 175.634+/-0.052 χ^2/NDF : 10785713.9/28

In: 213.066+/-0.082 χ^2/NDF :4679134.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 175.634+/-0.052 χ^2/NDF : 10785713.9/28

dit_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -518.504+/-979.914 χ^2/NDF : 13.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -798.157+/-967.740 χ^2/NDF : 9.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

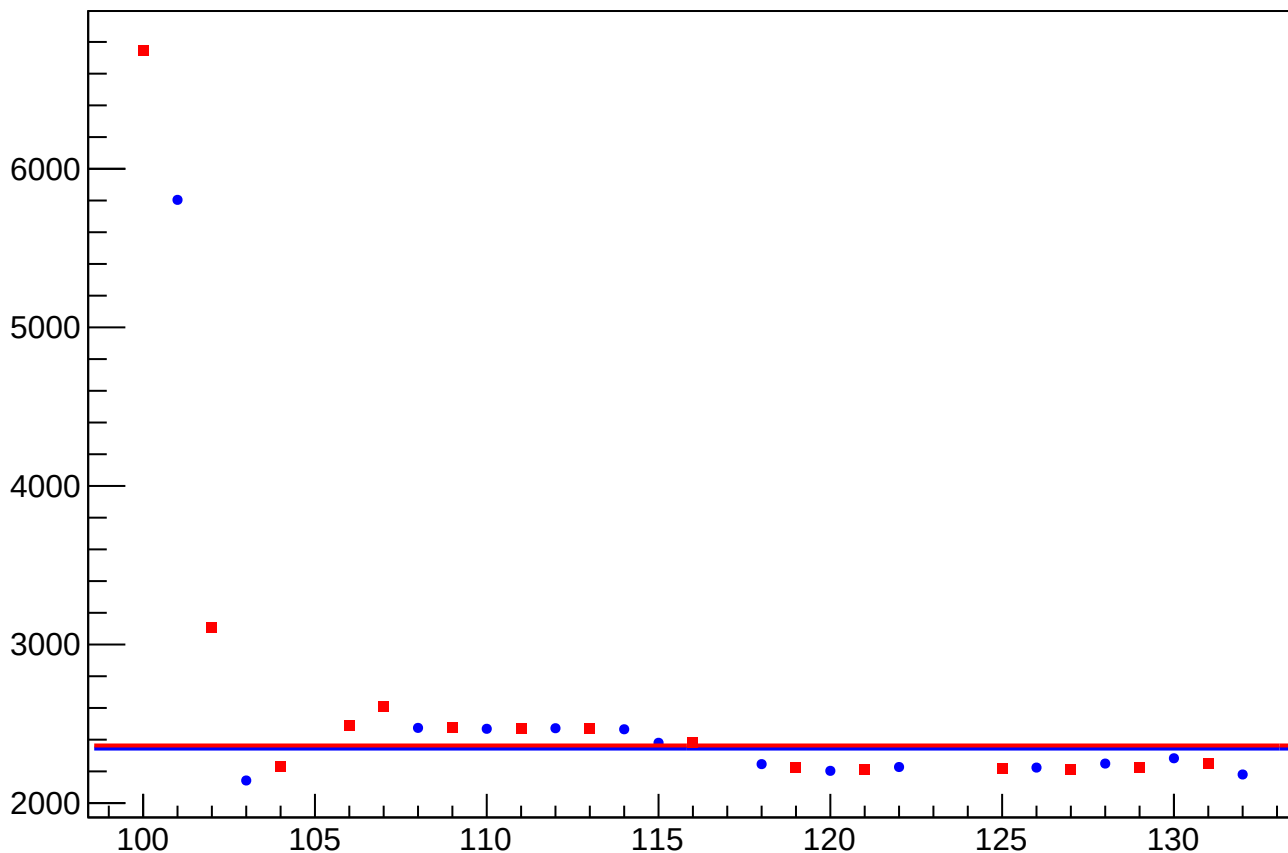
Right: -660.079+/-688.559 χ^2/NDF : 23.3/28

In: -518.504+/-979.914 χ^2/NDF : 13.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -660.079+/-688.559 χ^2/NDF : 23.3/28

dit_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2343.941+/-0.693 χ^2/NDF : 501171.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2363.279+/-0.684 χ^2/NDF : 155680.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

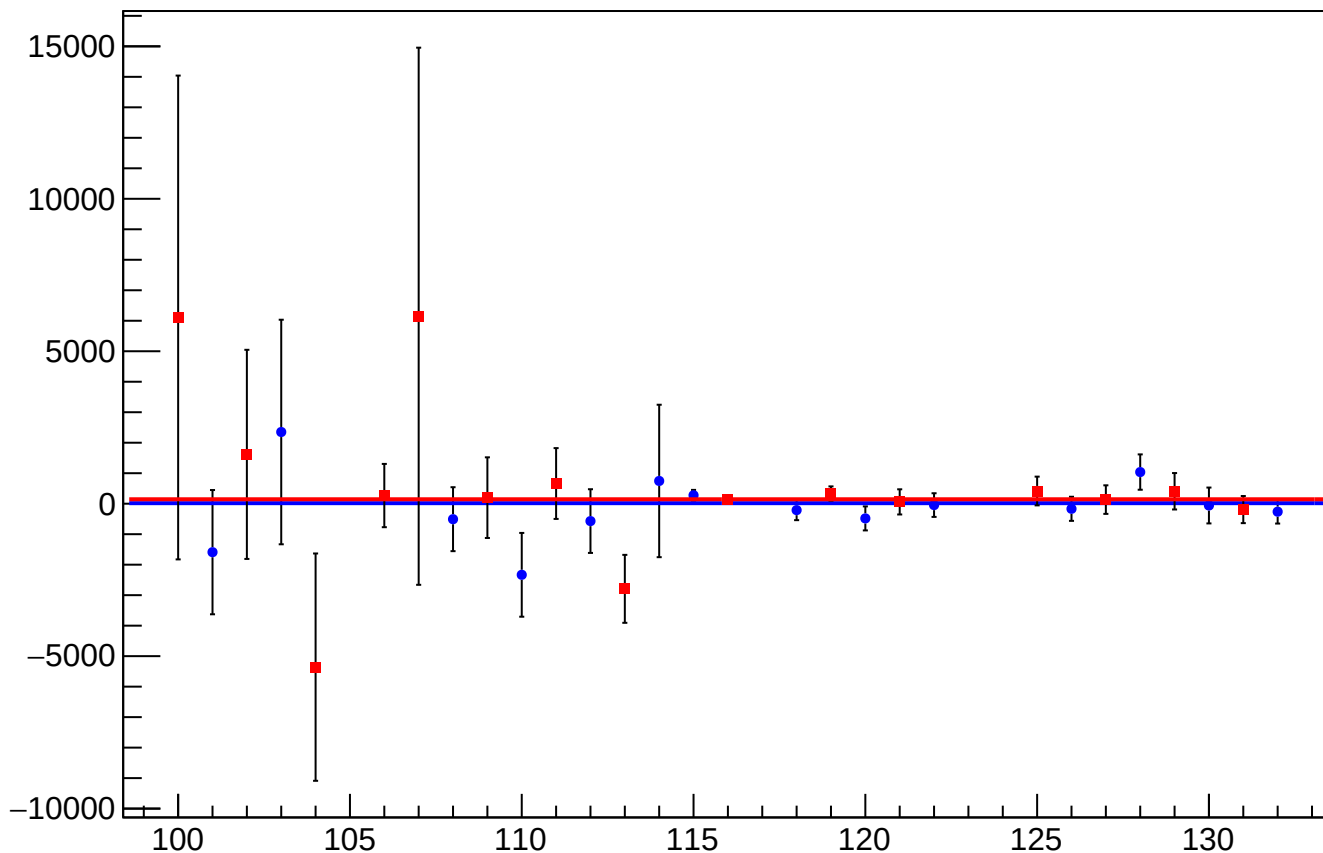
Right: 2353.731+/-0.487 χ^2/NDF : 657245.7/28

In: 2343.941+/-0.693 χ^2/NDF : 501171.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2353.731+/-0.487 χ^2/NDF : 657245.7/28

asym_us_dd_at1lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 17.210+/-114.655 χ^2/NDF : 12.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 145.277+/-98.701 χ^2/NDF : 12.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

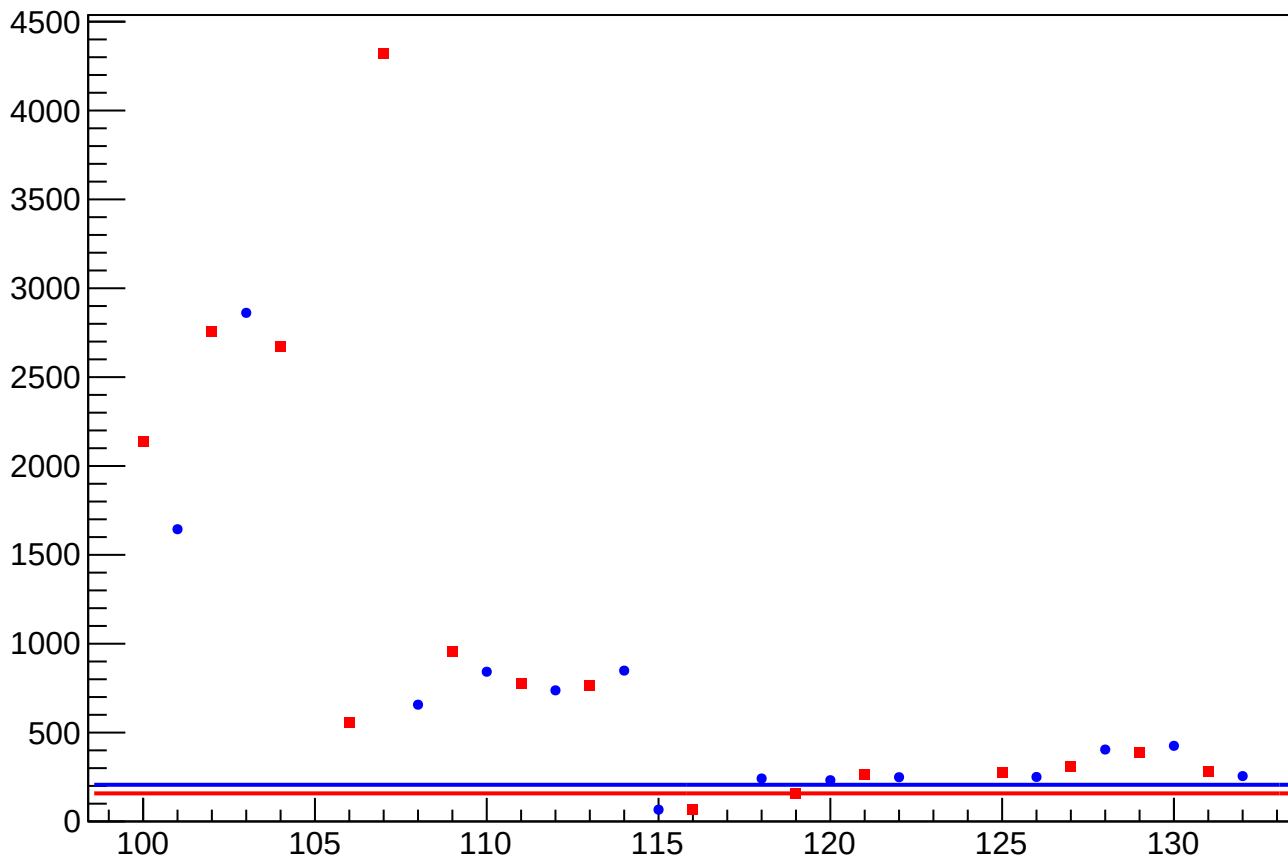
Right: 90.767+/-74.802 χ^2/NDF : 25.8/28

In: 17.210+/-114.655 χ^2/NDF : 12.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.767+/-74.802 χ^2/NDF : 25.8/28

asym_us_dd_at1lr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 206.348+/-0.081 χ^2/NDF : 5361862.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 157.983+/-0.070 χ^2/NDF : 6711869.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

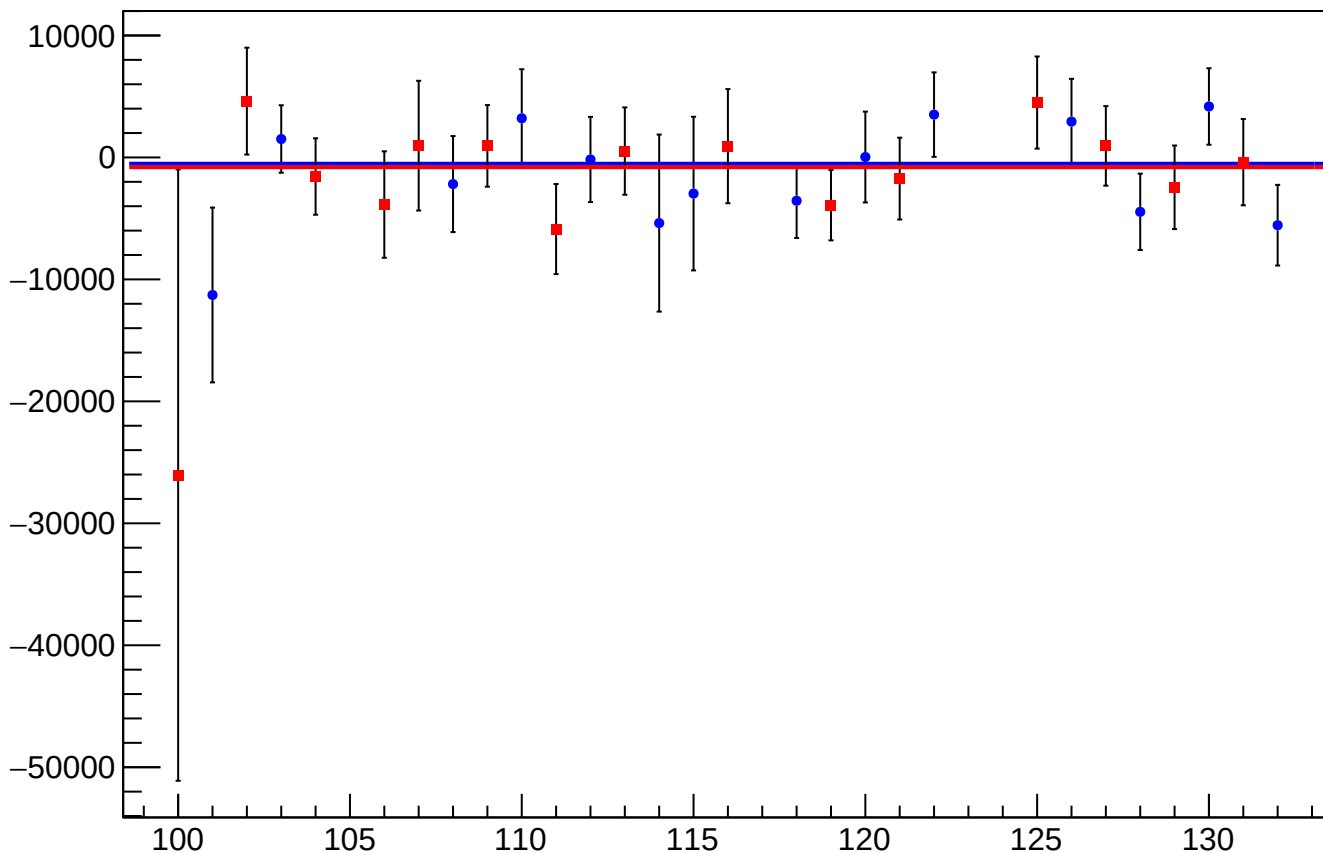
Right: 178.569+/-0.053 χ^2/NDF : 12278136.9/28

In: 206.348+/-0.081 χ^2/NDF :5361862.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 178.569+/-0.053 χ^2/NDF : 12278136.9/28

eigen_dit_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -518.507+/-979.914 χ^2/NDF : 13.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -798.160+/-967.739 χ^2/NDF : 9.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

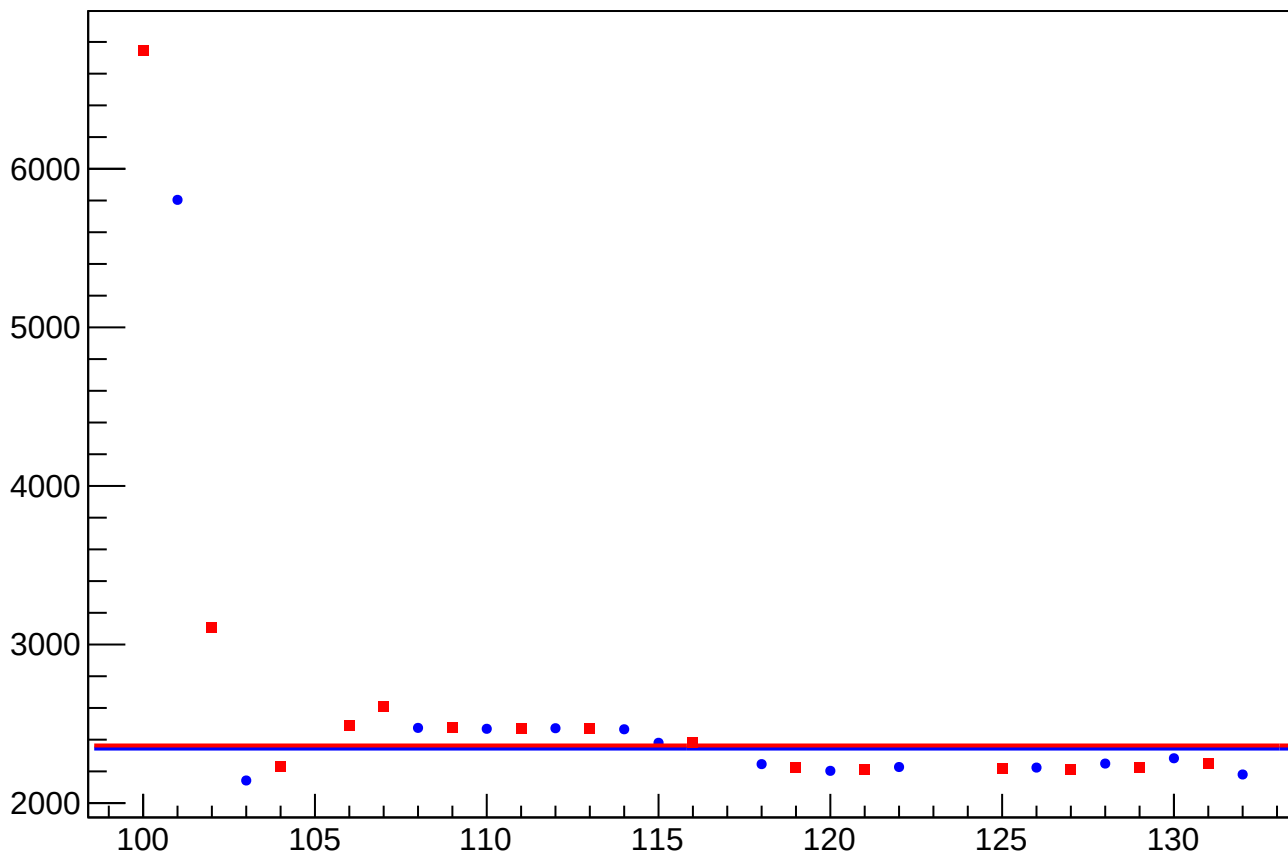
Right: -660.081+/-688.559 χ^2/NDF : 23.3/28

In: -518.507+/-979.914 χ^2/NDF : 13.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -660.081+/-688.559 χ^2/NDF : 23.3/28

eigen_dit_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2343.941+/-0.693 χ^2/NDF : 501171.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2363.279+/-0.684 χ^2/NDF : 155680.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

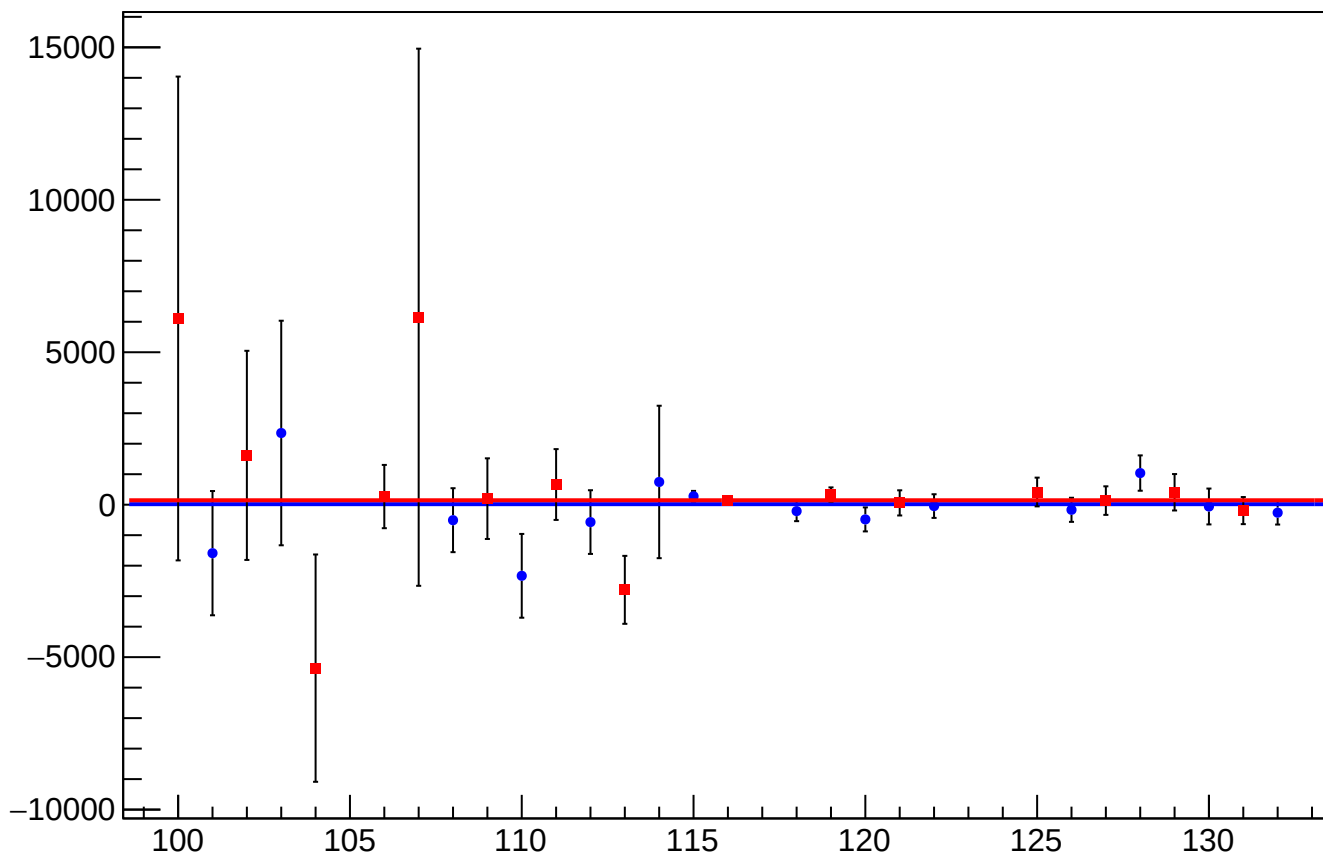
Right: 2353.731+/-0.487 χ^2/NDF : 657245.6/28

In: 2343.941+/-0.693 χ^2/NDF : 501171.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2353.731+/-0.487 χ^2/NDF : 657245.6/28

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 17.210+/-114.653 χ^2/NDF : 12.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 145.276+/-98.699 χ^2/NDF : 12.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

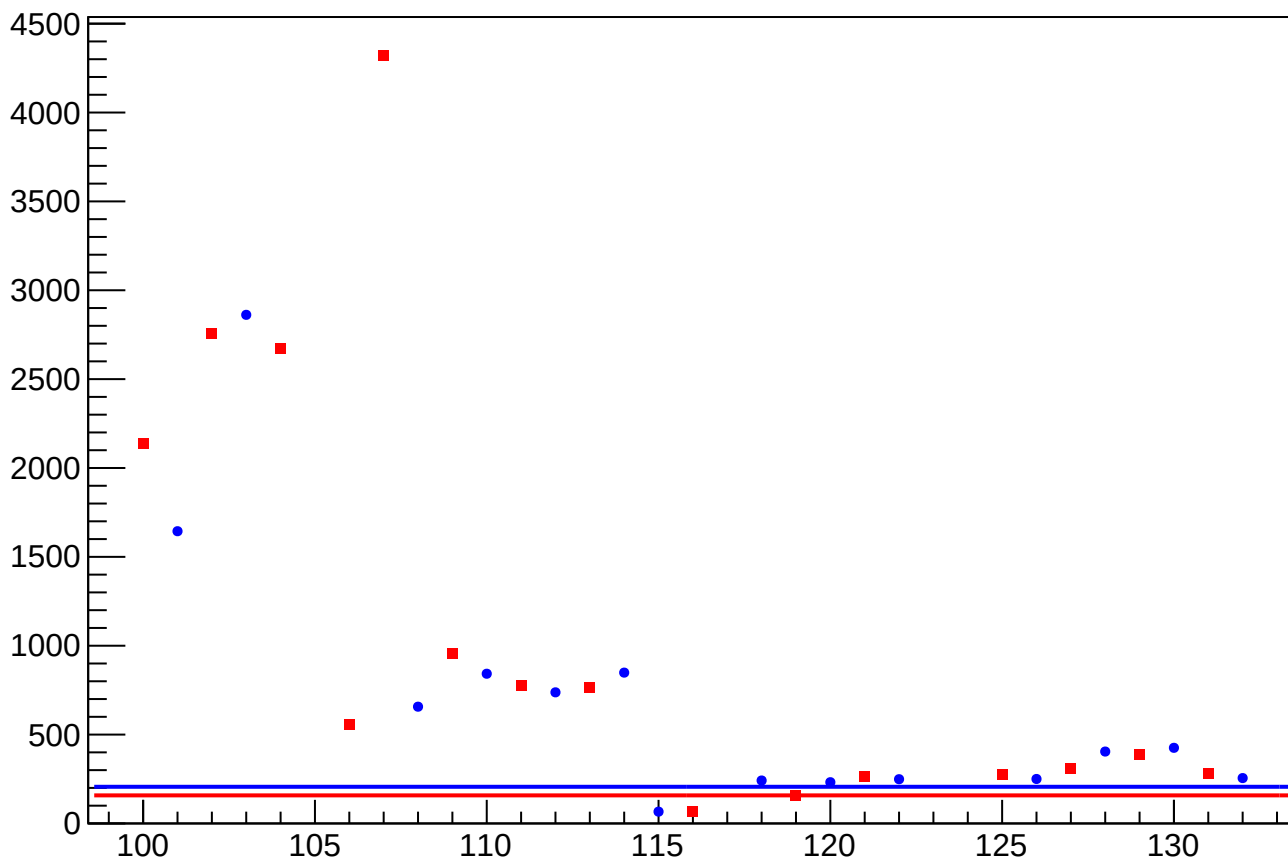
Right: 90.766+/-74.801 χ^2/NDF : 25.8/28

In: 17.210+/-114.653 χ^2/NDF : 12.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.766+/-74.801 χ^2/NDF : 25.8/28

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 206.344+/-0.081 χ^2/NDF : 5361923.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.980+/-0.070 χ^2/NDF : 6711924.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

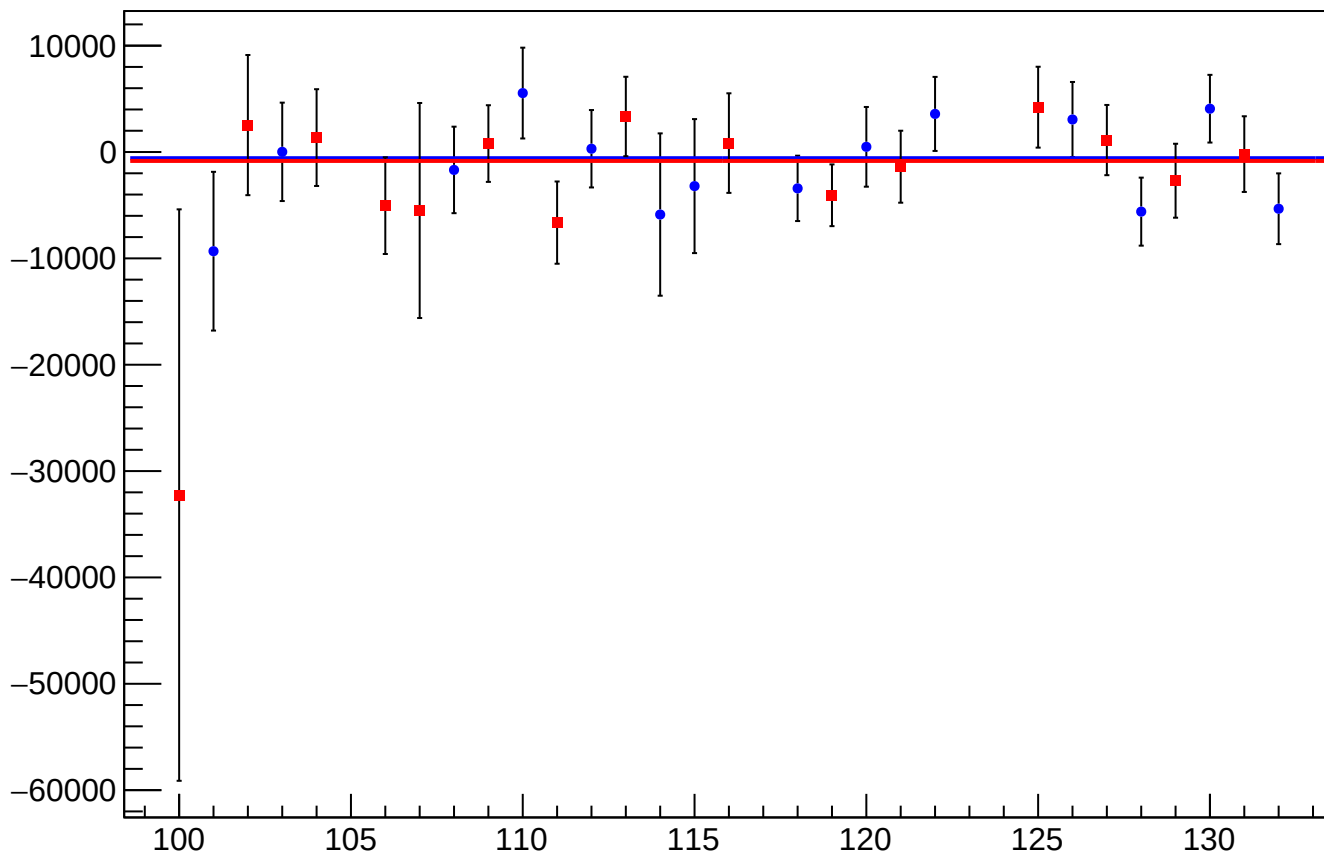
Right: 178.566+/-0.053 χ^2/NDF : 12278249.4/28

In: 206.344+/-0.081 χ^2/NDF : 5361923.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.566+/-0.053 χ^2/NDF : 12278249.4/28

asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -580.778+/-1039.948 χ^2/NDF : 14.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -837.694+/-1042.123 χ^2/NDF : 10.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

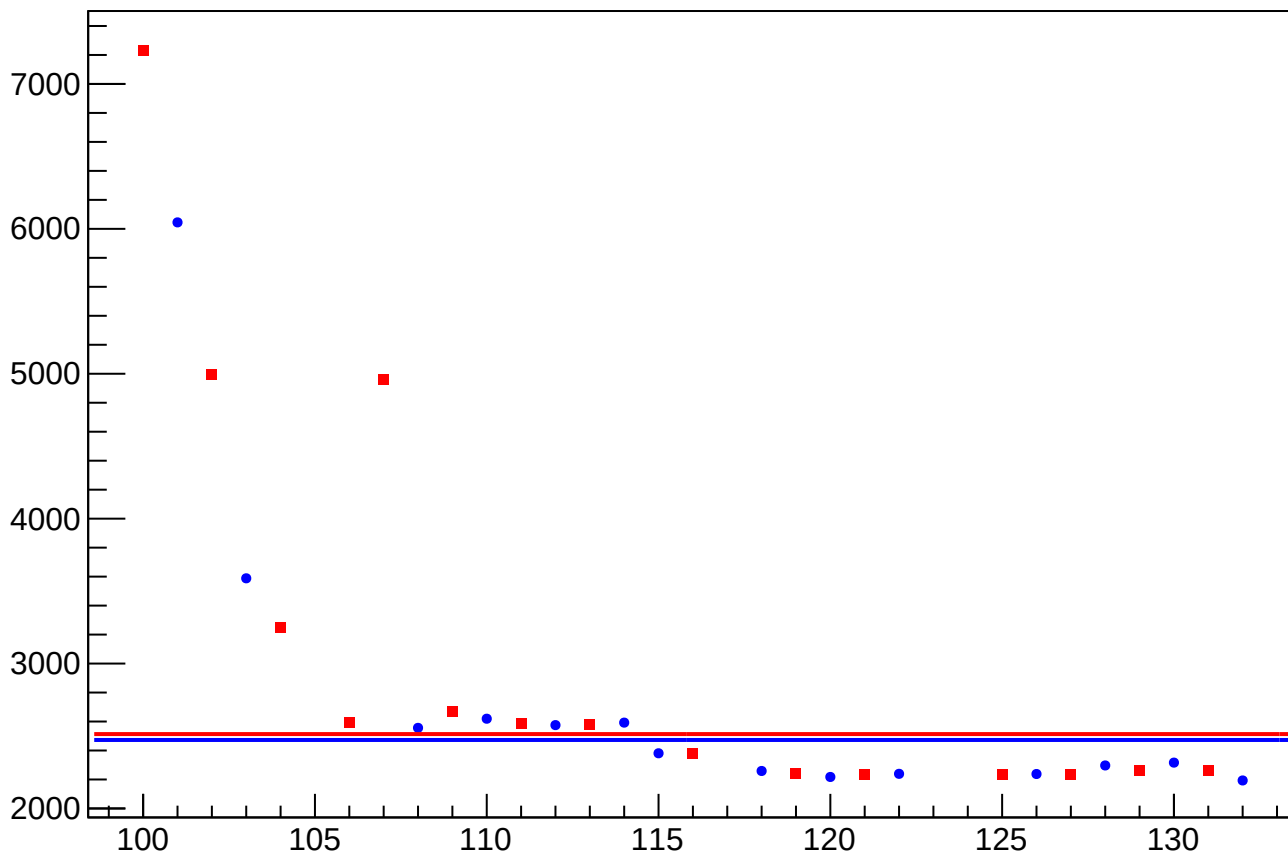
Right: -708.968+/-736.122 χ^2/NDF : 24.8/28

In: -580.778+/-1039.948 χ^2/NDF : 14.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -708.968+/-736.122 χ^2/NDF : 24.8/28

asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2472.703+/-0.735 χ^2/NDF : 642022.9/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2513.298+/-0.737 χ^2/NDF : 598967.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

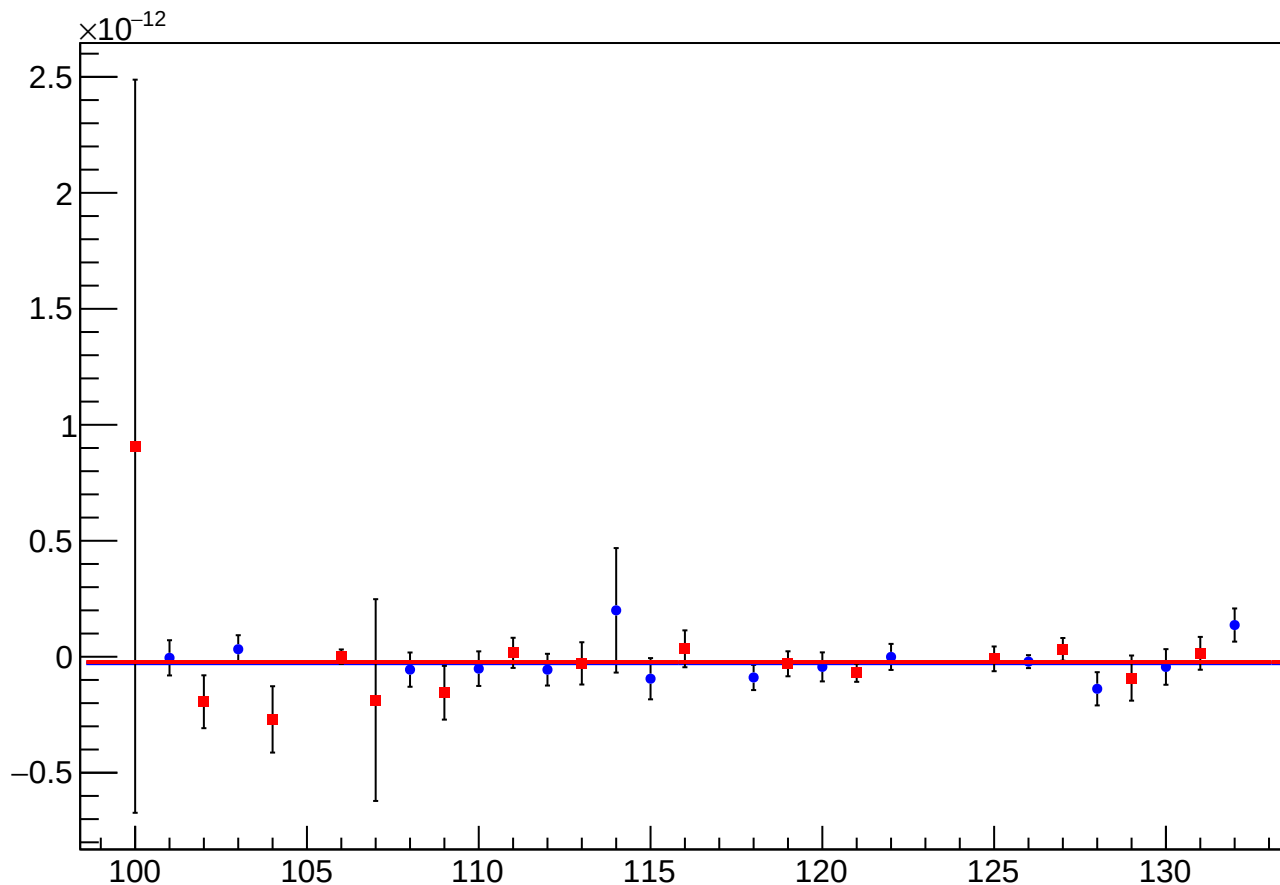
Right: 2492.958+/-0.521 χ^2/NDF : 1242510.7/28

In: 2472.703+/-0.735 χ^2/NDF :642022.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2492.958+/-0.521 χ^2/NDF : 1242510.7/28

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

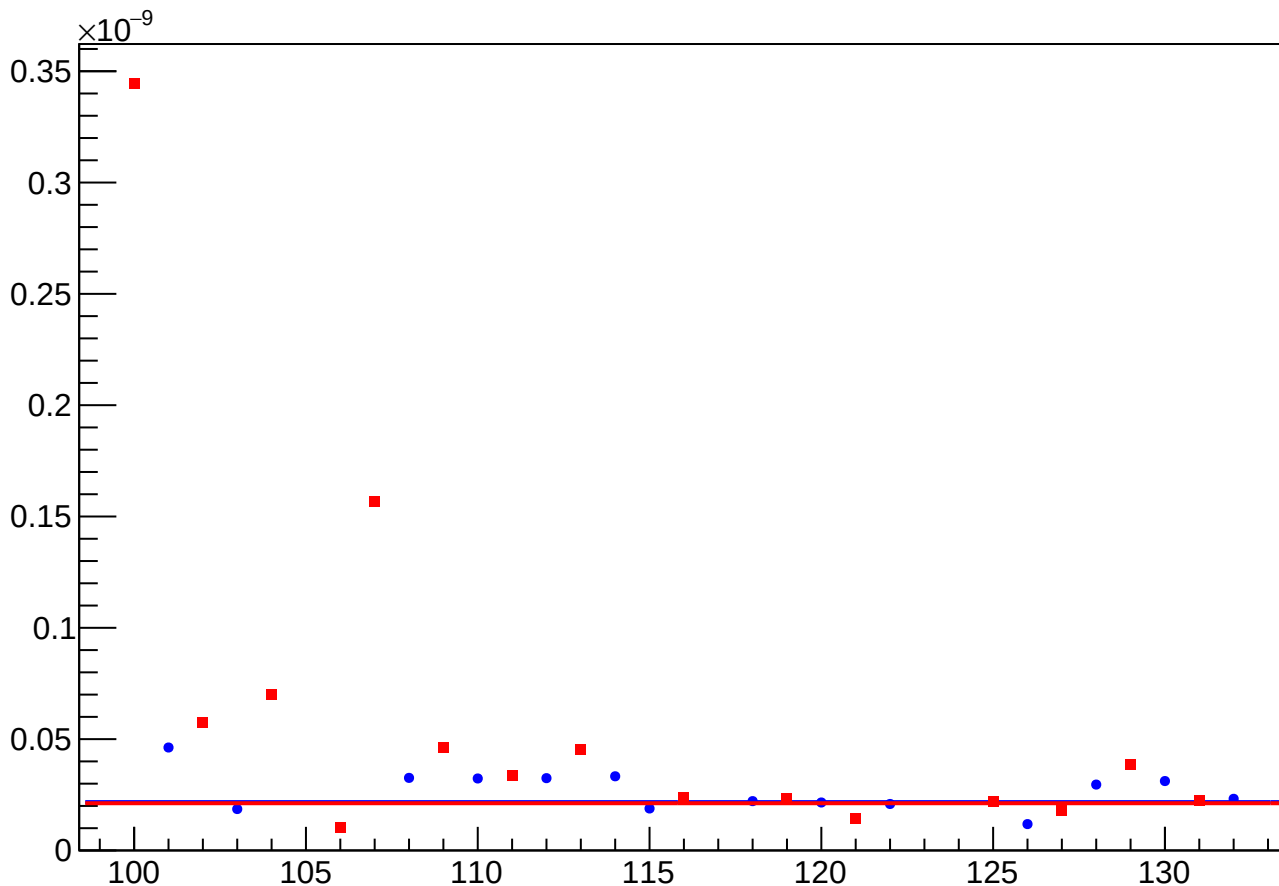
Right: -0.000+/-0.000 χ^2/NDF : 24.2/28

In: -0.000+/-0.000 χ^2/NDF : 12.1/13

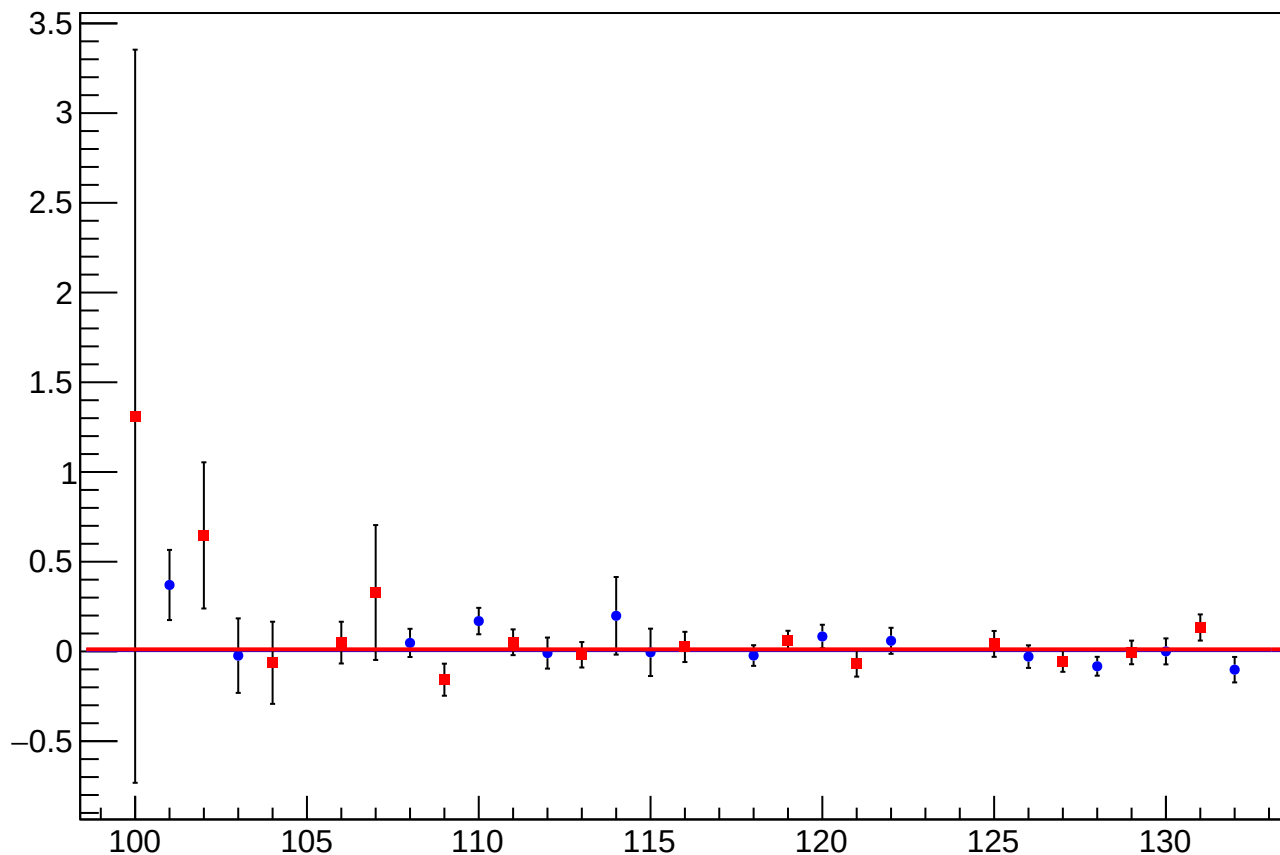
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.2/28

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.021 χ^2 /NDF: 17.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.012 $\pm$ 0.021 χ^2 /NDF: 14.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

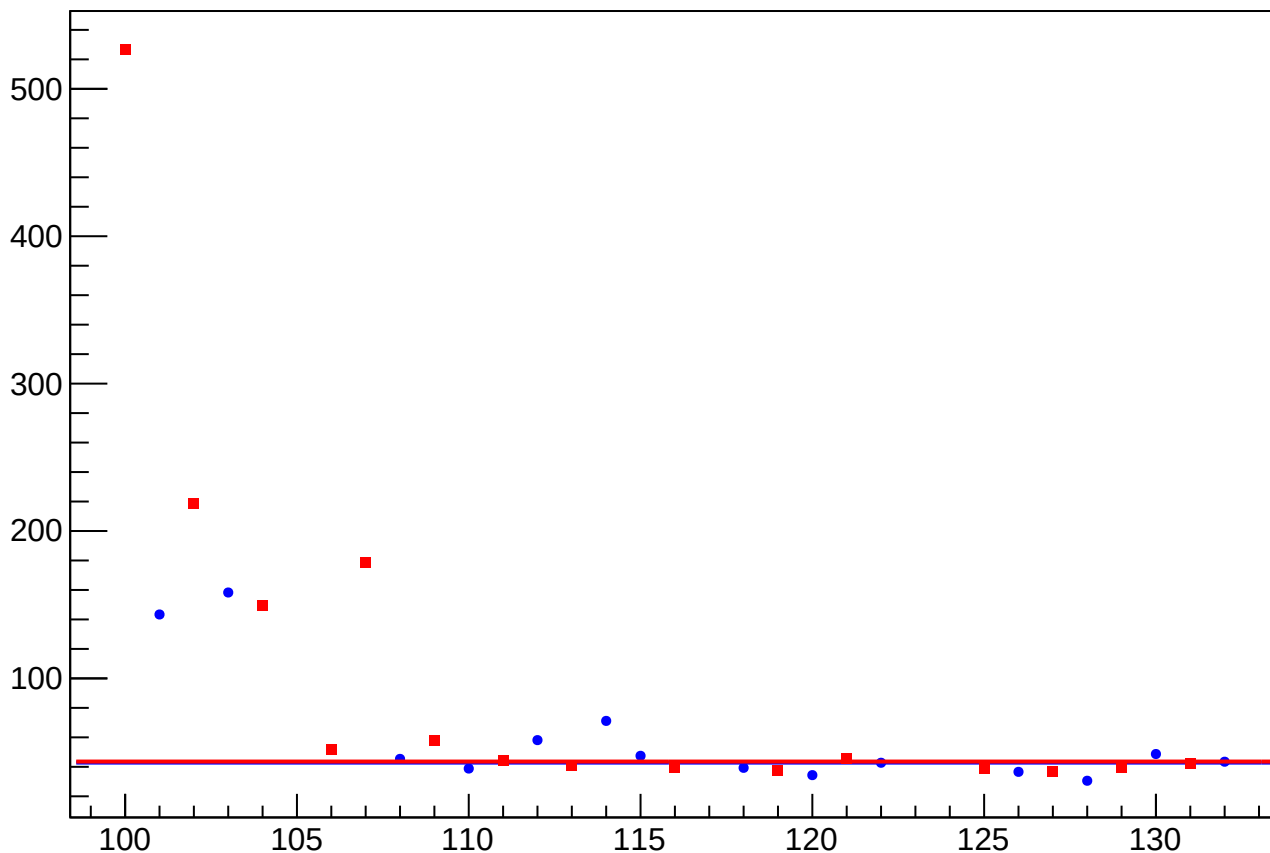
Right: 0.009 $\pm$ 0.015 χ^2 /NDF: 31.2/28

In: 0.007 $\pm$ 0.021 χ^2 /NDF:17.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.015 χ^2 /NDF: 31.2/28

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.865+/-0.015 χ^2/NDF : 1437553.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.585+/-0.015 χ^2/NDF : 1307288.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

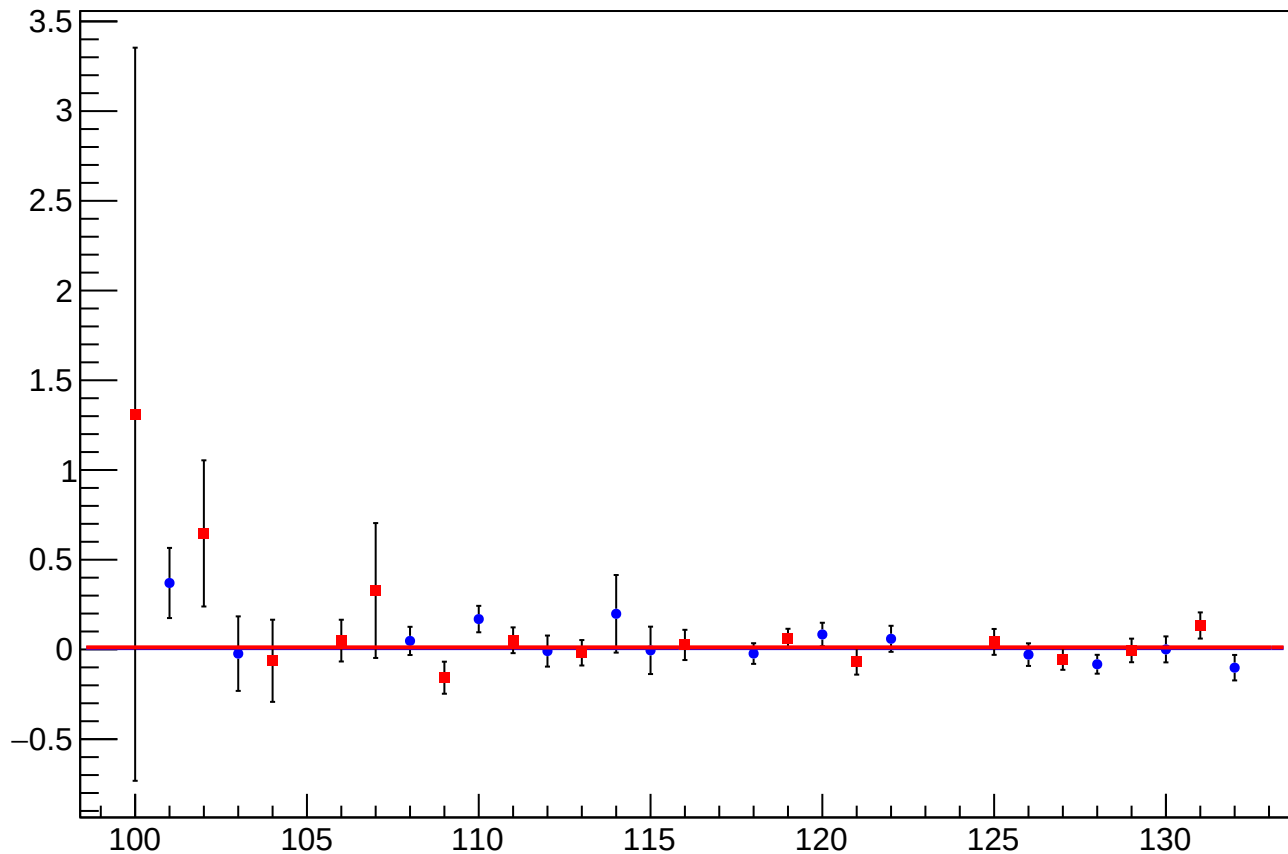
Right: 43.213+/-0.011 χ^2/NDF : 2746015.3/28

In: 42.865+/-0.015 χ^2/NDF : 1437553.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.213+/-0.011 χ^2/NDF : 2746015.3/28

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.021 χ^2 /NDF: 17.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.012 $\pm$ 0.021 χ^2 /NDF: 14.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

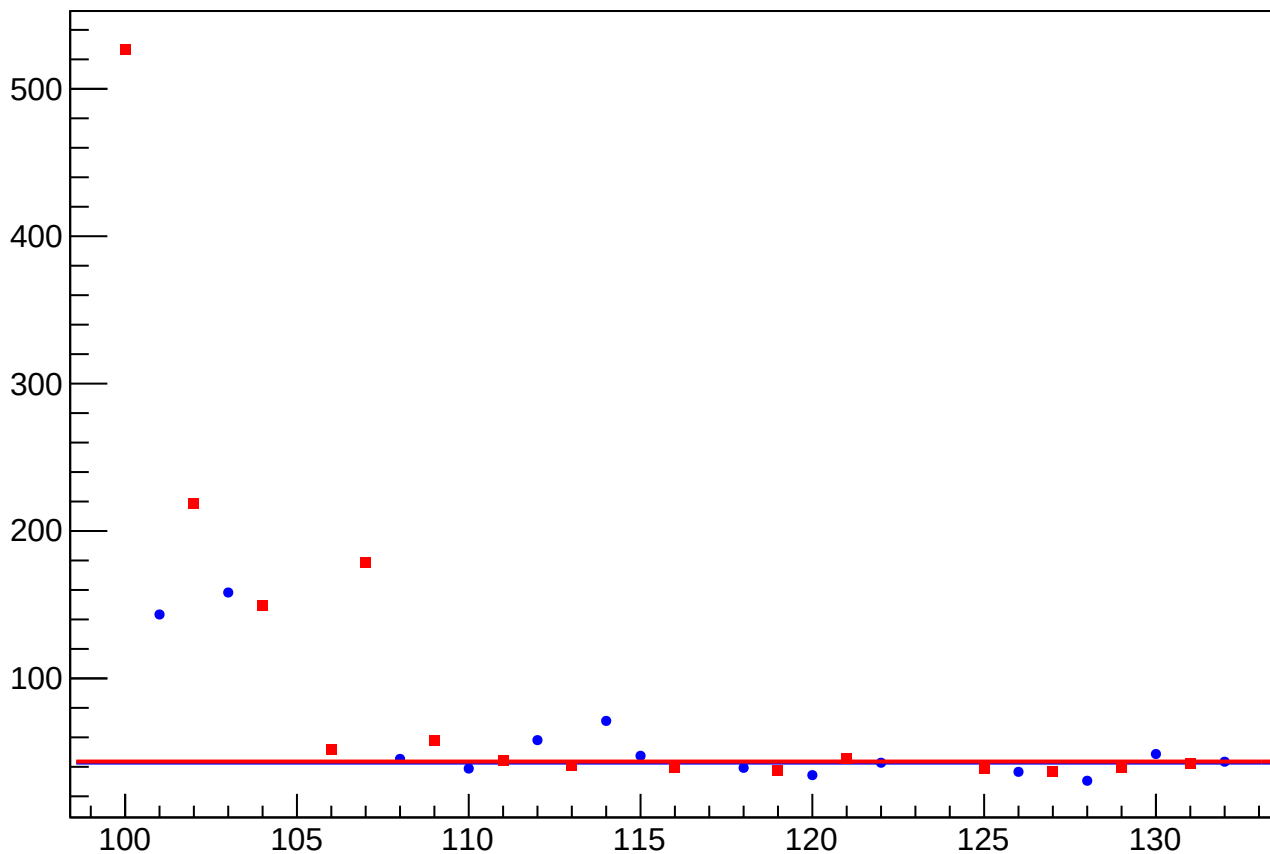
Right: 0.009 $\pm$ 0.015 χ^2 /NDF: 31.2/28

In: 0.007 $\pm$ 0.021 χ^2 /NDF:17.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.015 χ^2 /NDF: 31.2/28

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.865+/-0.015 χ^2/NDF : 1437553.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.585+/-0.015 χ^2/NDF : 1307288.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

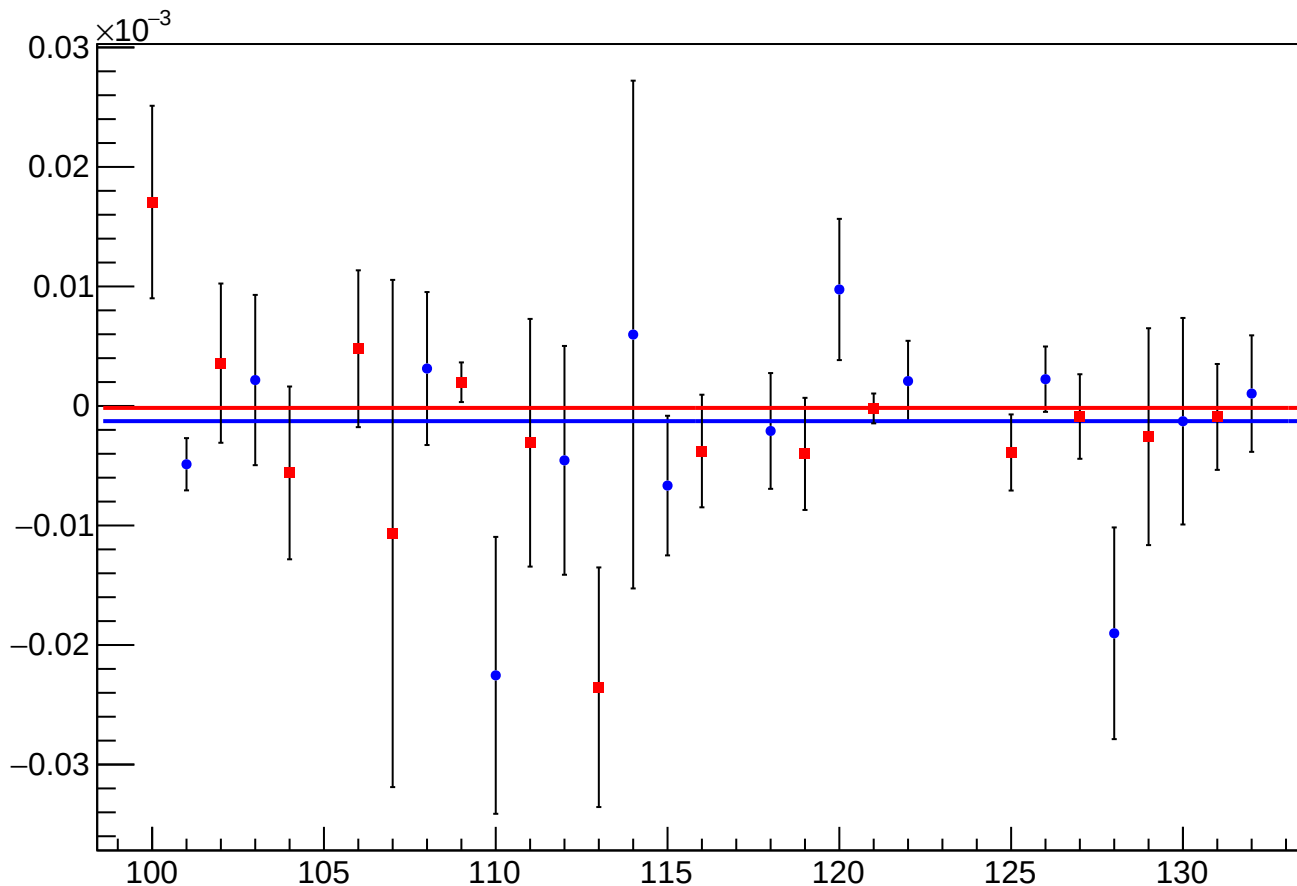
Right: 43.213+/-0.011 χ^2/NDF : 2746015.3/28

In: 42.865+/-0.015 χ^2/NDF : 1437553.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.213+/-0.011 χ^2/NDF : 2746015.3/28

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 18.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

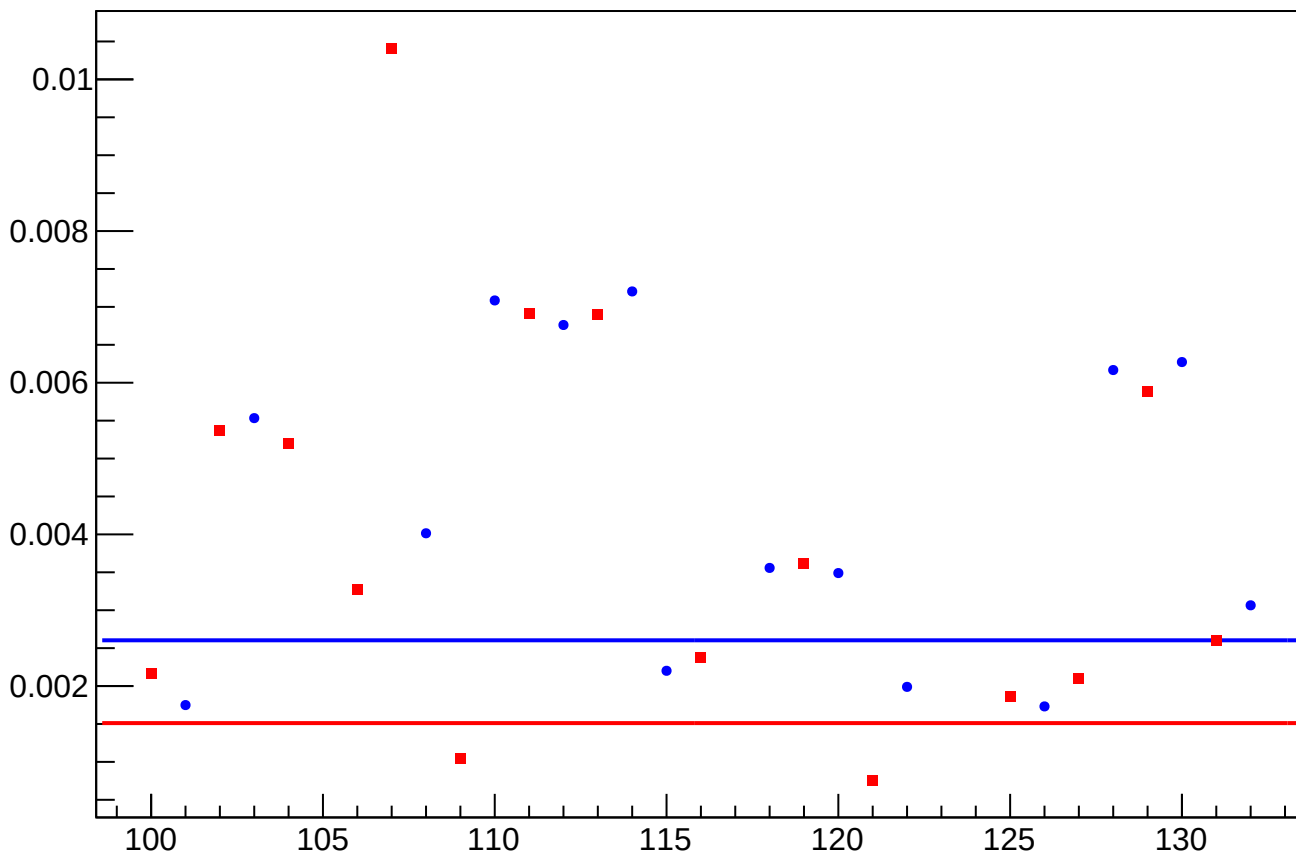
Right: -0.000+/-0.000 χ^2/NDF : 35.1/28

In: -0.000+/-0.000 χ^2/NDF : 18.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 35.1/28

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 2616045.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 4858808.3/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

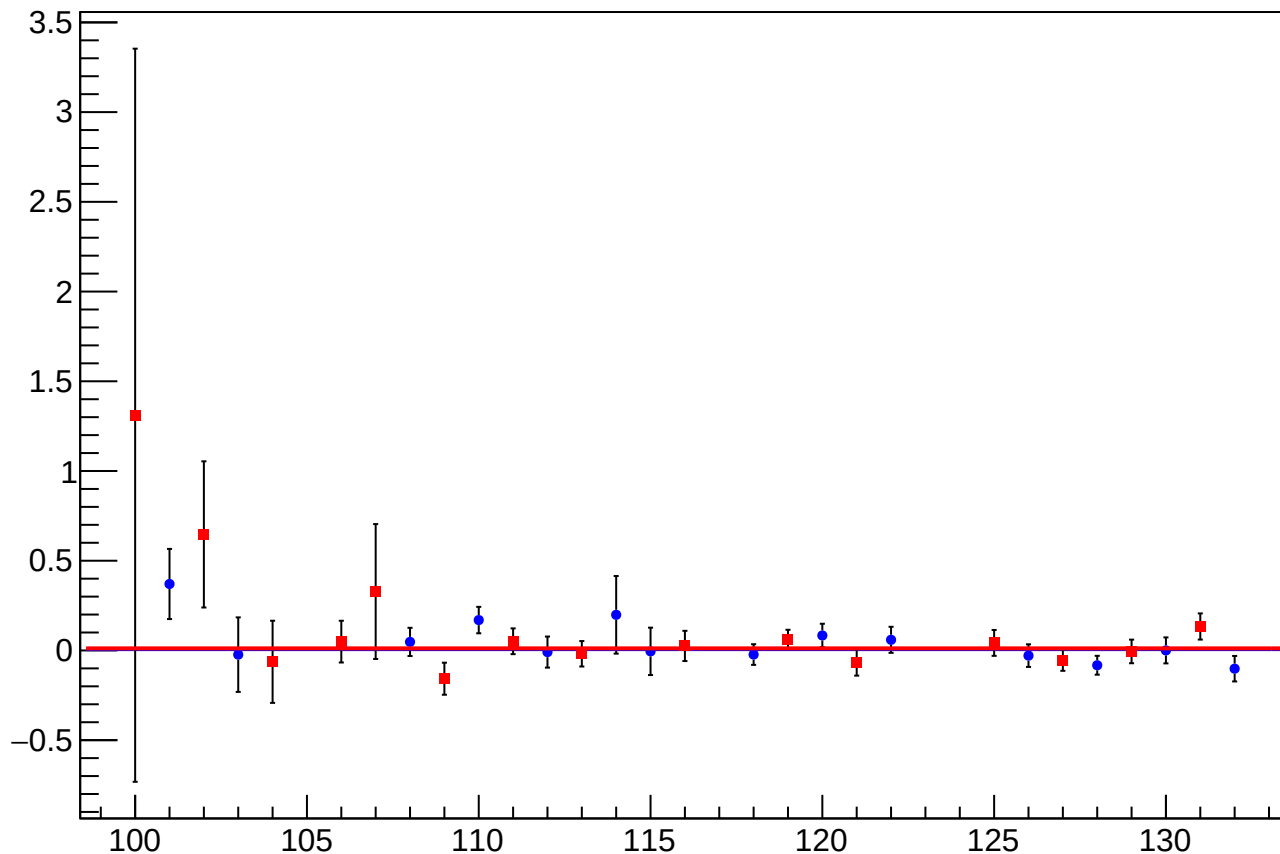
Right: 0.002+/-0.000 χ^2/NDF : 8558947.6/28

In: 0.003+/-0.000 χ^2/NDF :2616045.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 8558947.6/28

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.021 χ^2 /NDF: 17.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.012 $\pm$ 0.021 χ^2 /NDF: 14.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

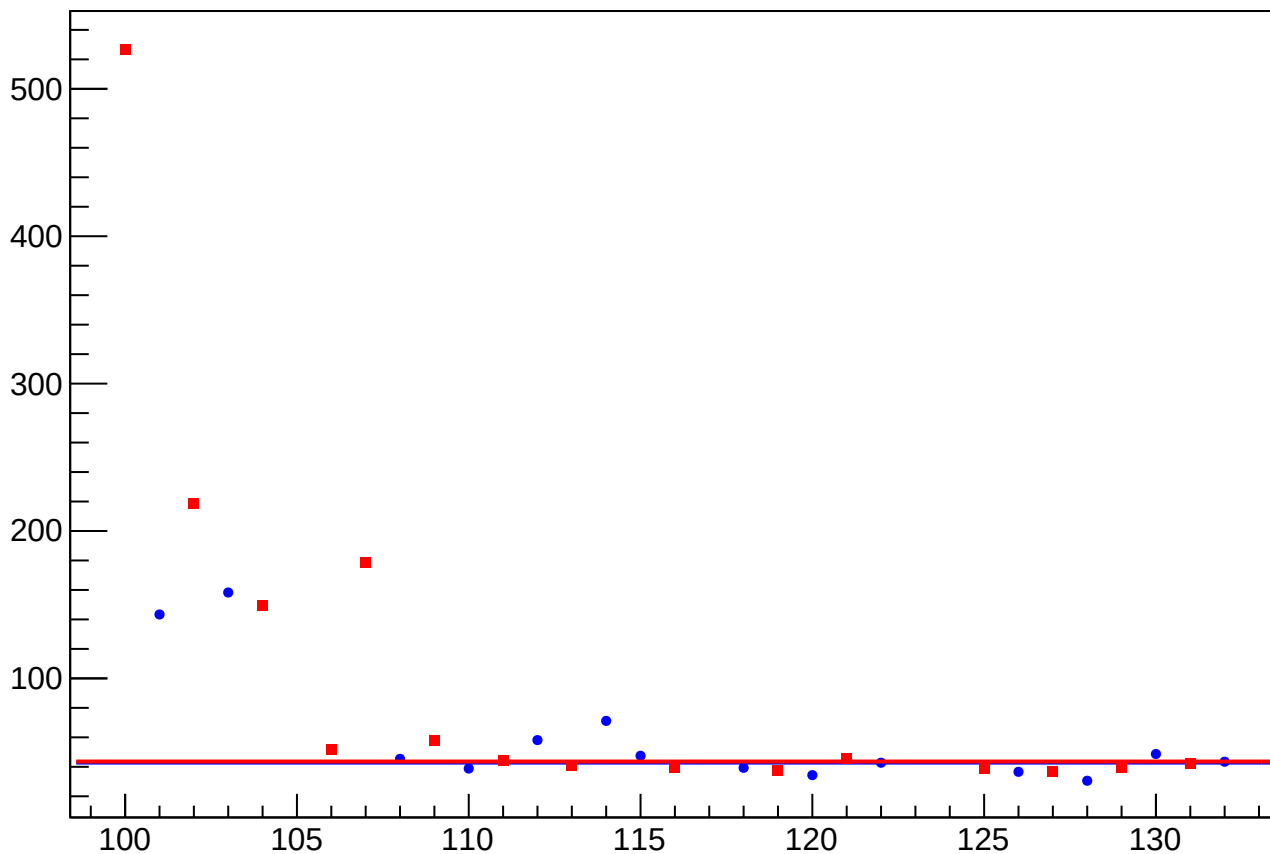
Right: 0.009 $\pm$ 0.015 χ^2 /NDF: 31.2/28

In: 0.007 $\pm$ 0.021 χ^2 /NDF:17.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.015 χ^2 /NDF: 31.2/28

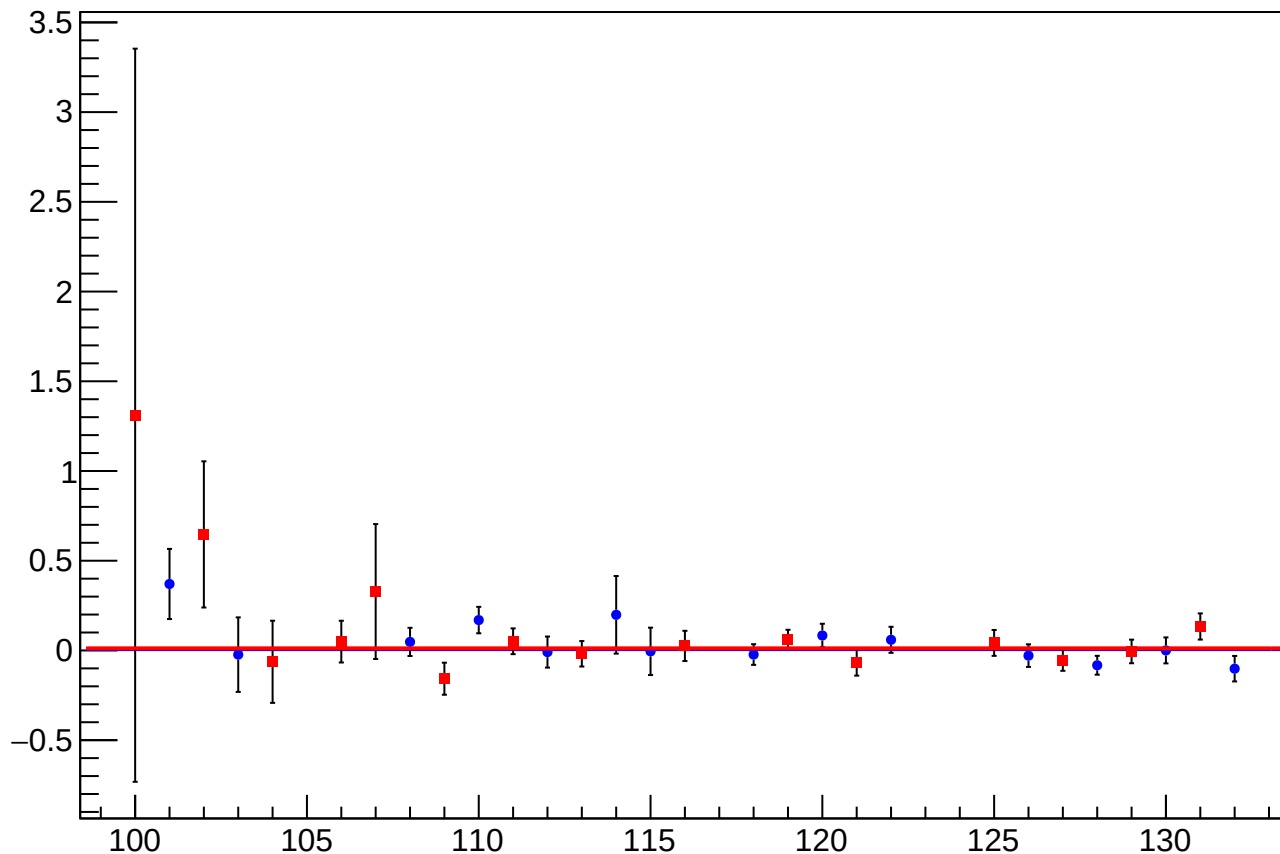
asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.862+/-0.015 χ^2/NDF : 1437793.5/13
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 43.586+/-0.015 χ^2/NDF : 1307259.8/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 43.212+/-0.011 χ^2/NDF : 2746237.9/28
 In: 42.862+/-0.015 χ^2/NDF : 1437793.5/13
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 43.212+/-0.011 χ^2/NDF : 2746237.9/28

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.021 χ^2 /NDF: 17.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.012 $\pm$ 0.021 χ^2 /NDF: 14.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

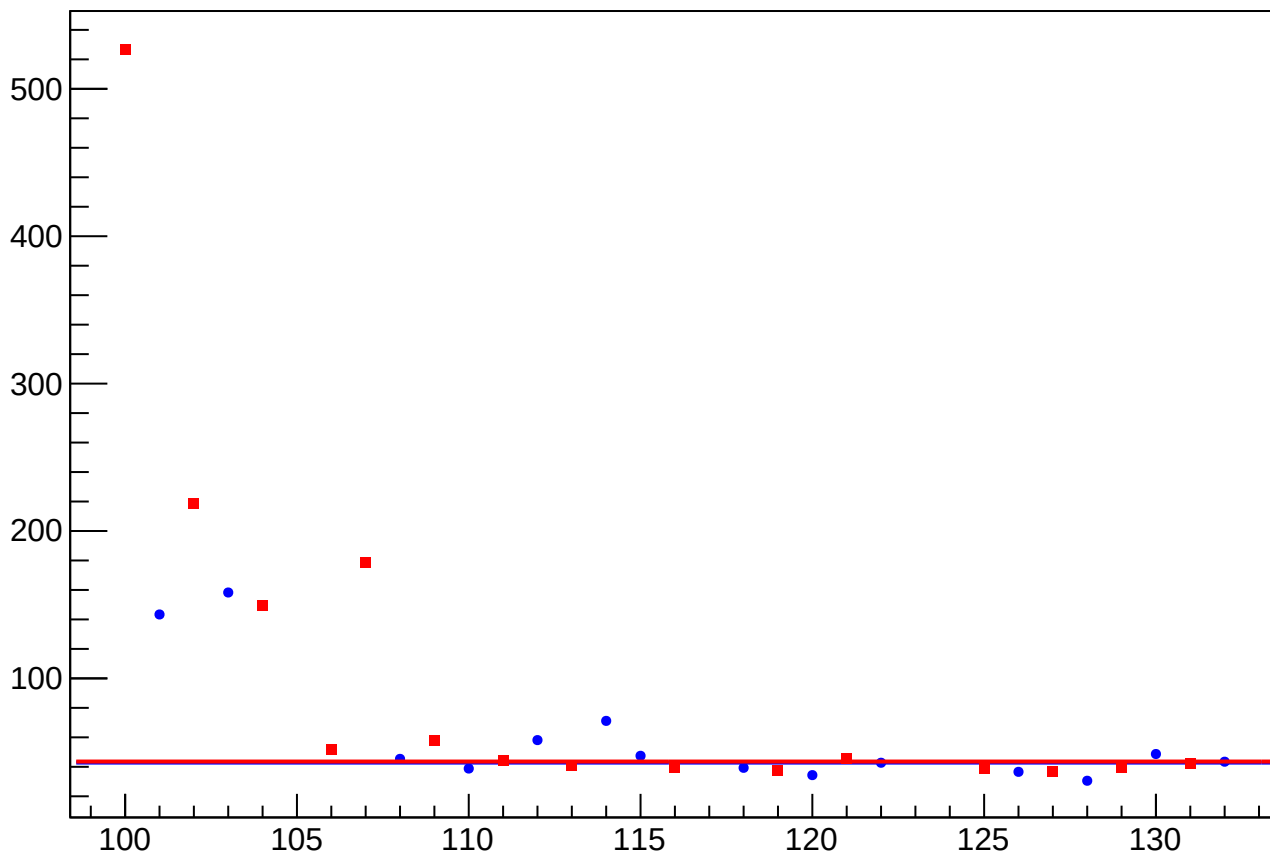
Right: 0.009 $\pm$ 0.015 χ^2 /NDF: 31.2/28

In: 0.007 $\pm$ 0.021 χ^2 /NDF:17.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.015 χ^2 /NDF: 31.2/28

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.862+/-0.015 χ^2/NDF : 1437793.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.586+/-0.015 χ^2/NDF : 1307259.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

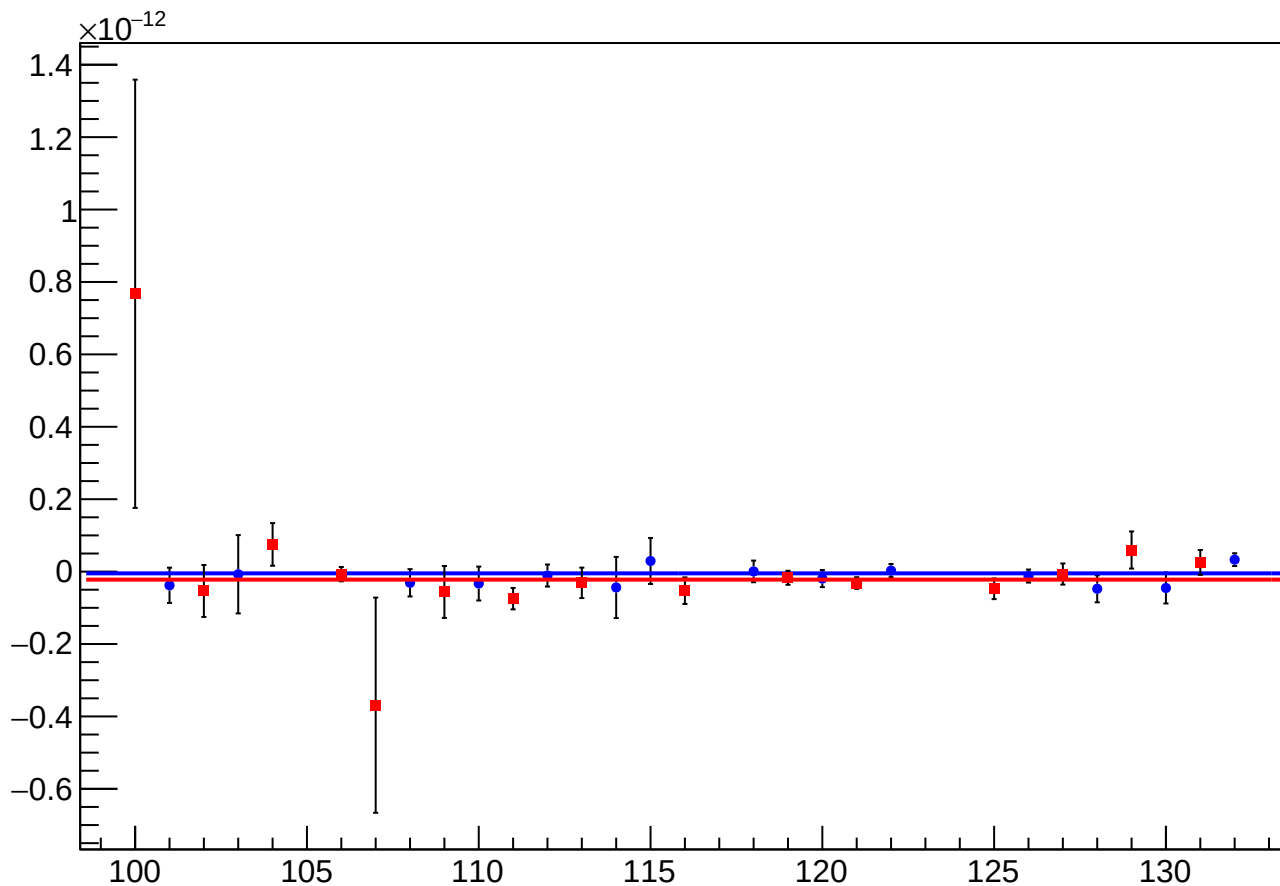
Right: 43.212+/-0.011 χ^2/NDF : 2746237.9/28

In: 42.862+/-0.015 χ^2/NDF : 1437793.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.212+/-0.011 χ^2/NDF : 2746237.9/28

asym_us_dd_at1lr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

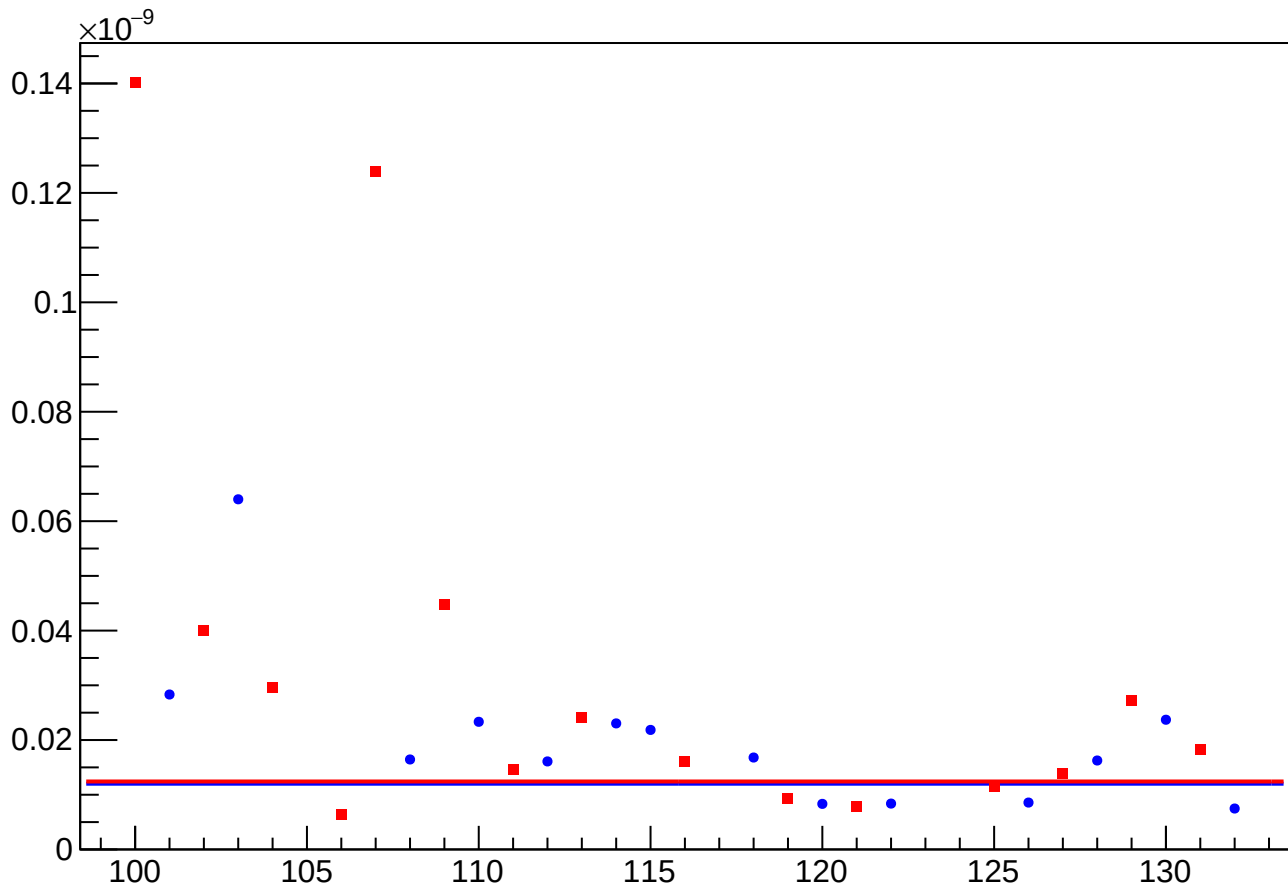
Right: -0.000+/-0.000 χ^2/NDF : 28.5/28

In: -0.000+/-0.000 χ^2/NDF :9.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.5/28

asym_us_dd_at1lr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1509238.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2060686.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

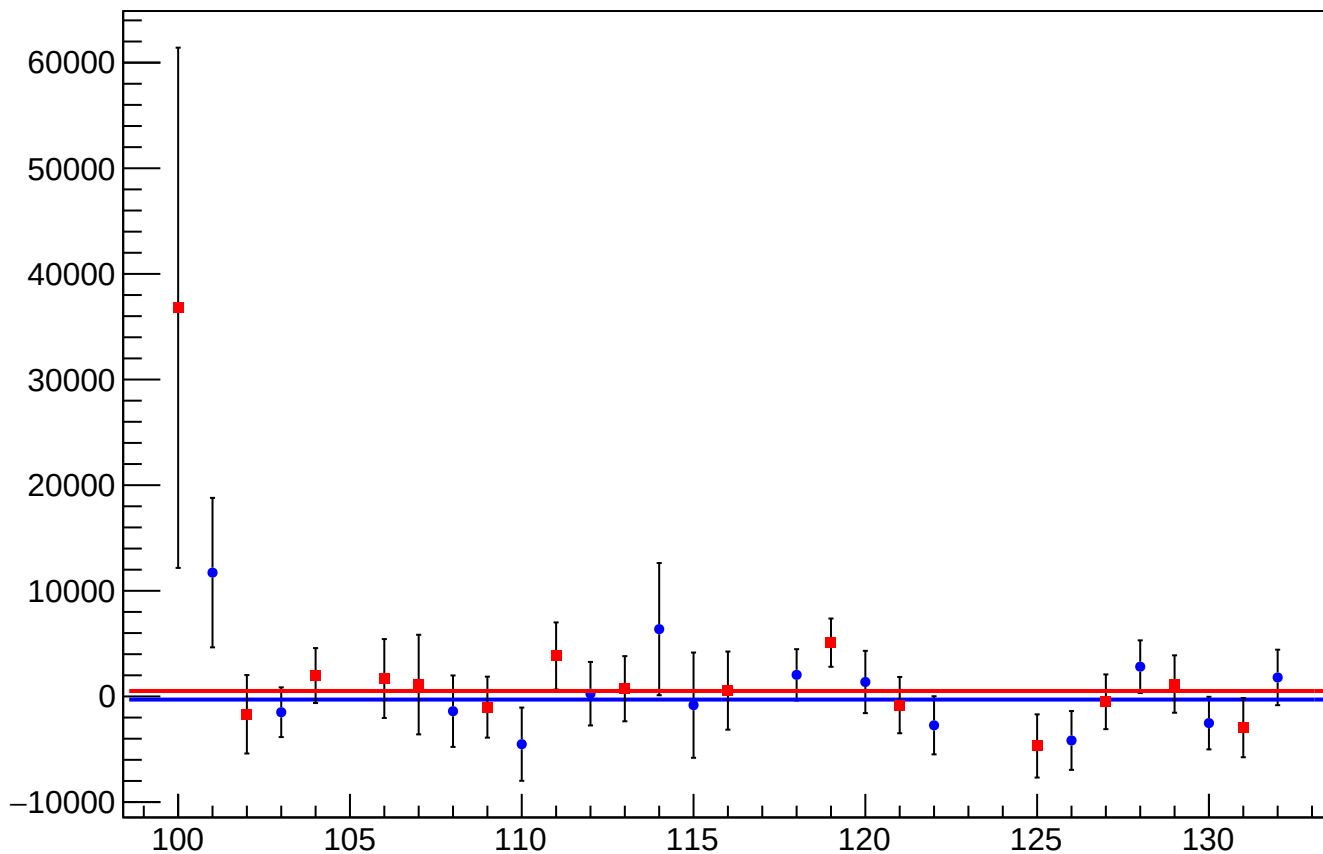
Right: 0.000+/-0.000 χ^2/NDF : 3572586.7/28

In: 0.000+/-0.000 χ^2/NDF : 1509238.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3572586.7/28

reg_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -296.157+/-800.355 χ^2/NDF : 12.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 516.966+/-792.628 χ^2/NDF : 13.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

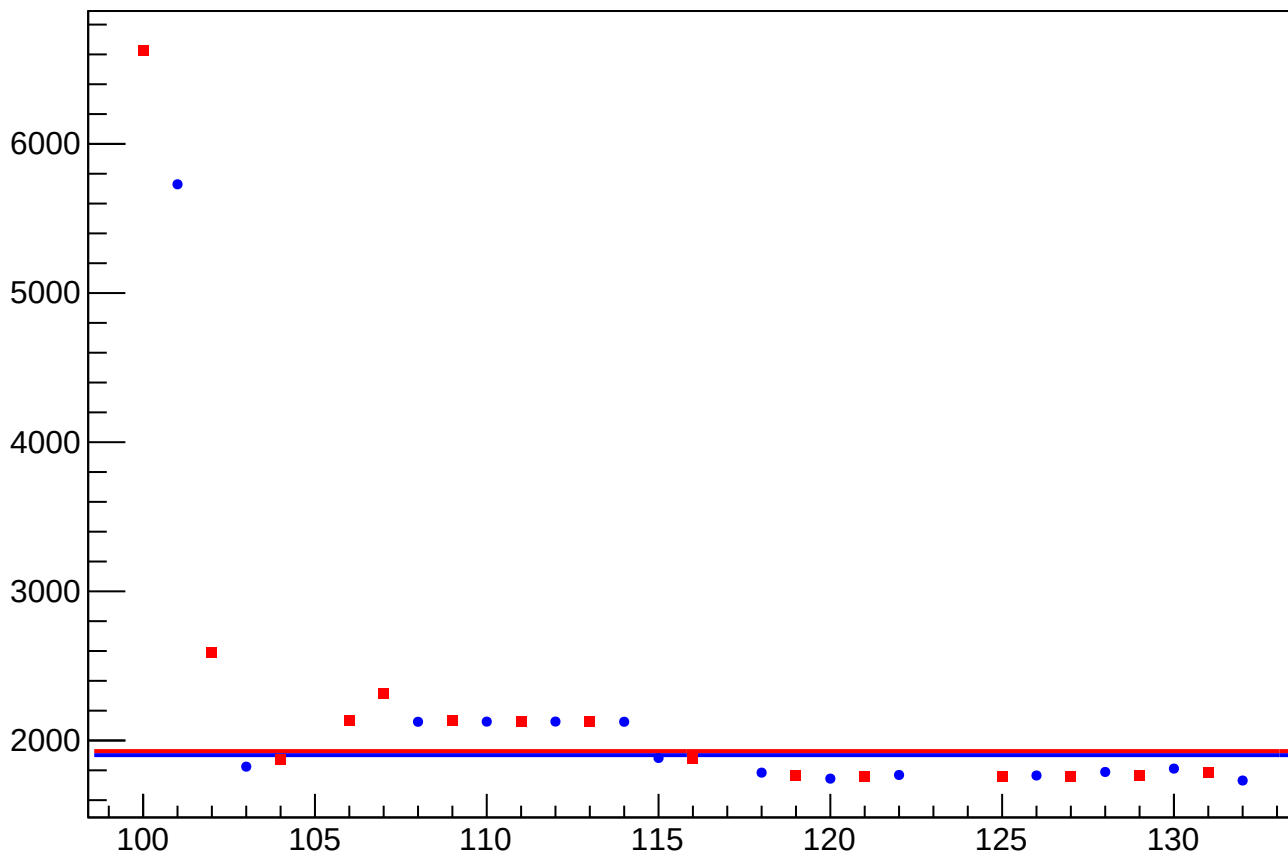
Right: 114.348+/-563.185 χ^2/NDF : 26.8/28

In: -296.157+/-800.355 χ^2/NDF : 12.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.348+/-563.185 χ^2/NDF : 26.8/28

reg_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1901.837+/-0.566 χ^2/NDF : 653404.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1928.816+/-0.560 χ^2/NDF : 230086.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

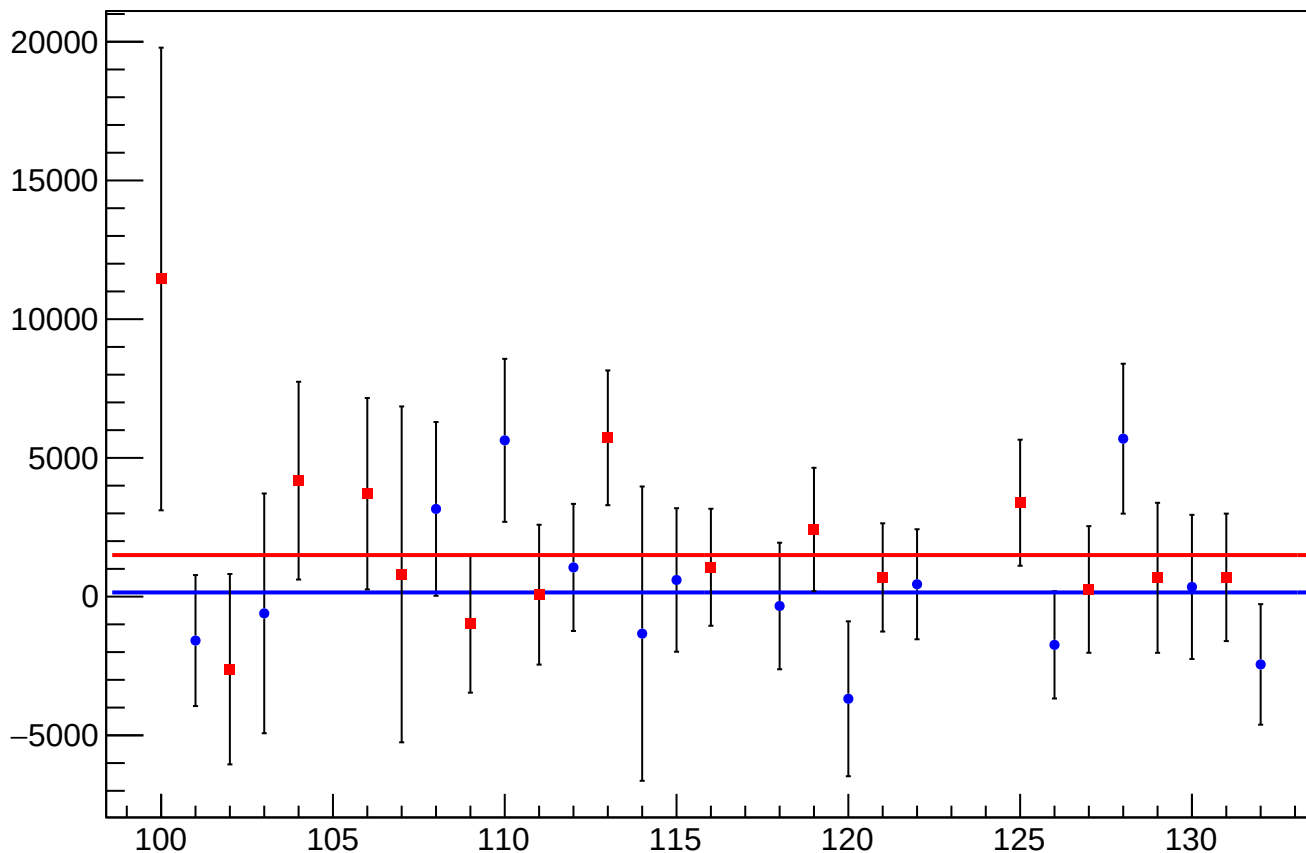
Right: 1915.457+/-0.398 χ^2/NDF : 884638.3/28

In: 1901.837+/-0.566 χ^2/NDF : 653404.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1915.457+/-0.398 χ^2/NDF : 884638.3/28

asym_us_dd_at1lr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 150.527+/-679.538 χ^2/NDF : 13.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1497.164+/-677.194 χ^2/NDF : 9.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

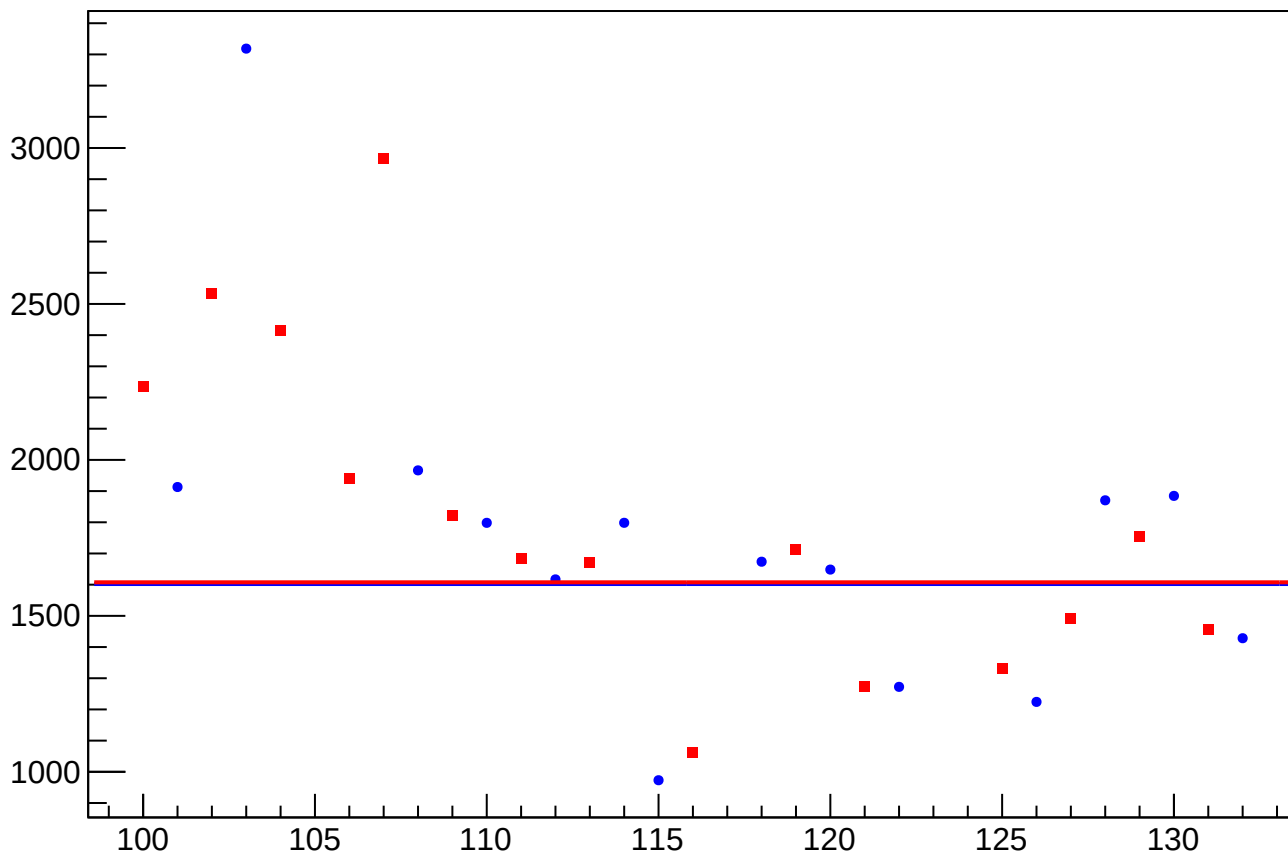
Right: 826.172+/-479.675 χ^2/NDF : 25.5/28

In: 150.527+/-679.538 χ^2/NDF : 13.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 826.172+/-479.675 χ^2/NDF : 25.5/28

asym_us_dd_at1lr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1602.070+/-0.481 χ^2/NDF : 697780.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1607.577+/-0.479 χ^2/NDF : 642711.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

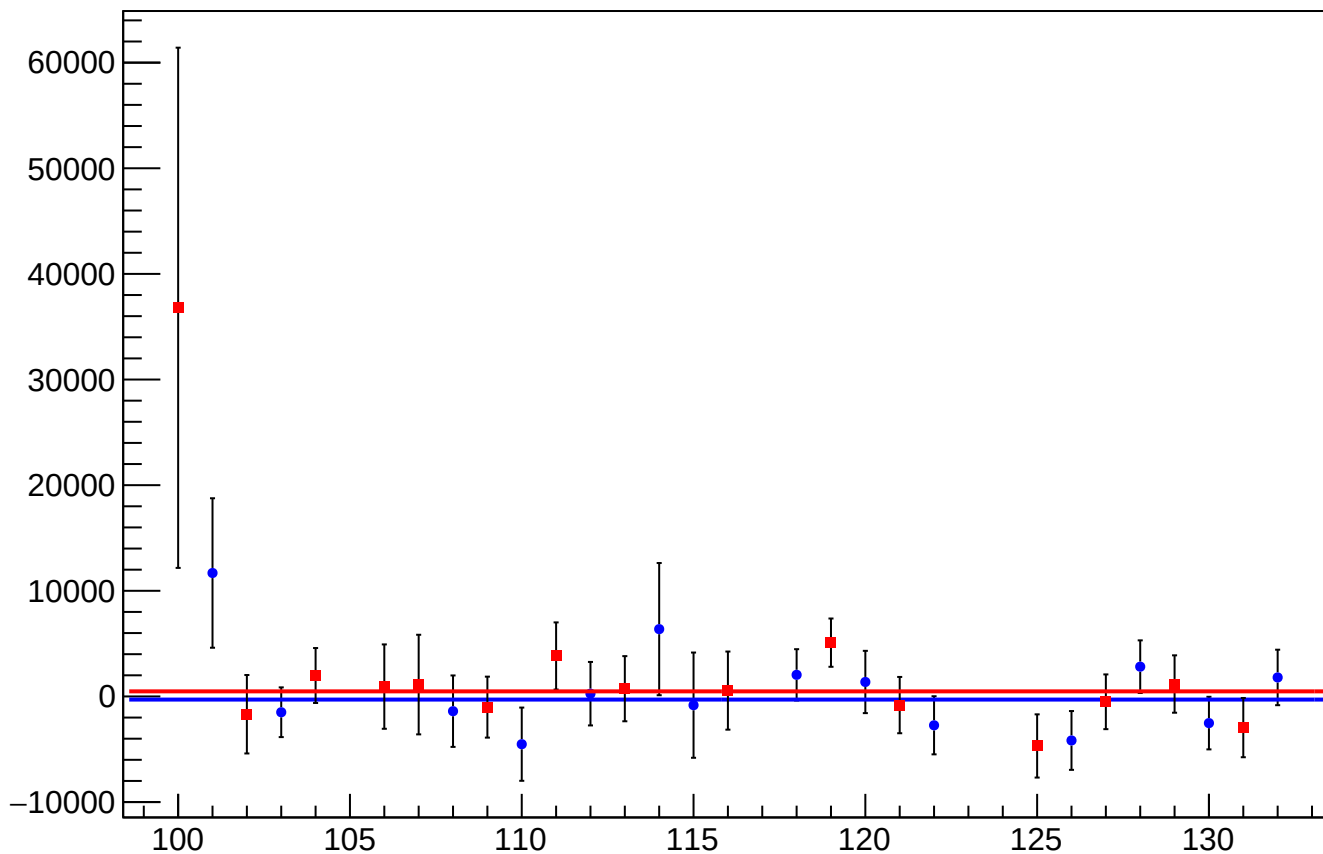
Right: 1604.833+/-0.339 χ^2/NDF : 1340557.9/28

In: 1602.070+/-0.481 χ^2/NDF : 697780.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1604.833+/-0.339 χ^2/NDF : 1340557.9/28

cor_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -297.063+/-800.356 χ^2/NDF : 12.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 480.677+/-794.874 χ^2/NDF : 13.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

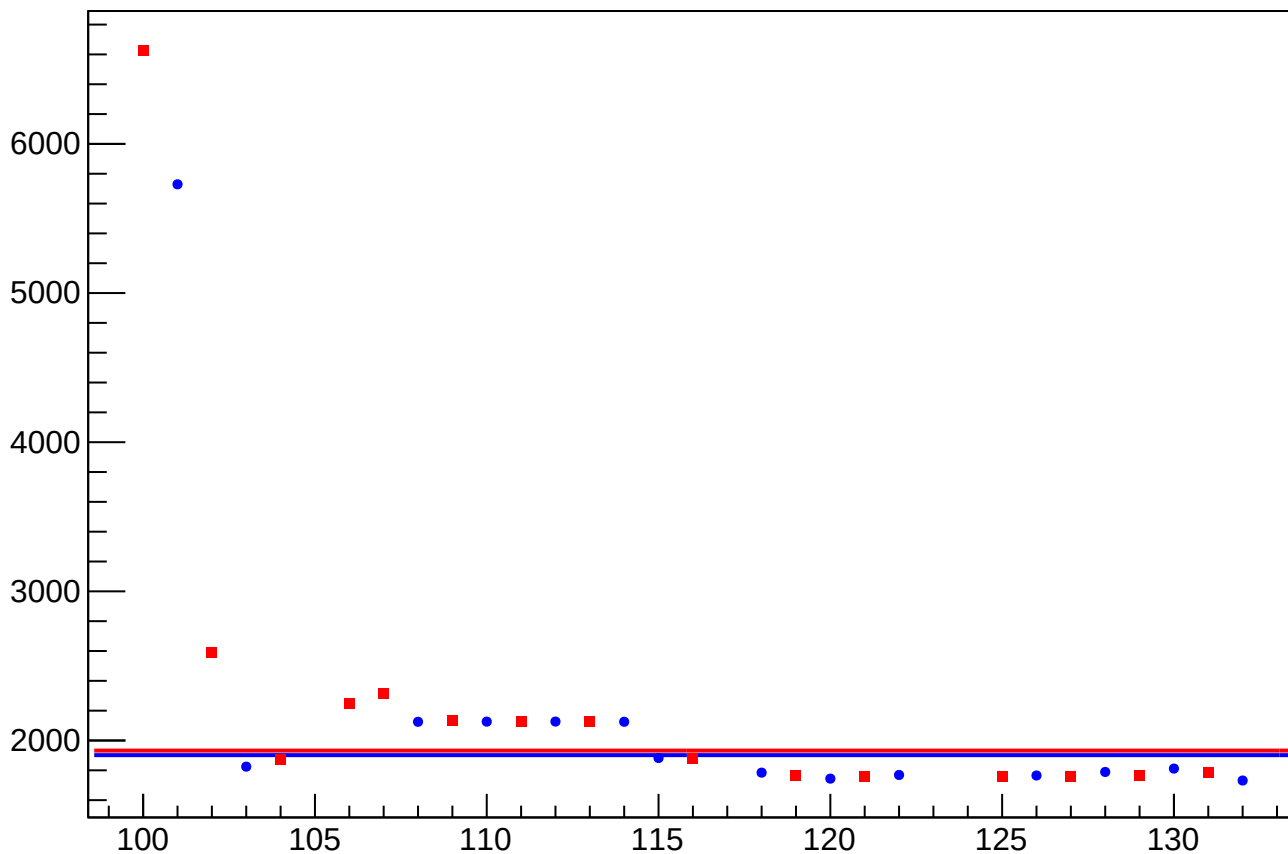
Right: 94.479+/-563.989 χ^2/NDF : 26.6/28

In: -297.063+/-800.356 χ^2/NDF : 12.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.479+/-563.989 χ^2/NDF : 26.6/28

cor_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1901.837+/-0.566 χ^2/NDF : 653404.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1932.282+/-0.562 χ^2/NDF : 236969.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

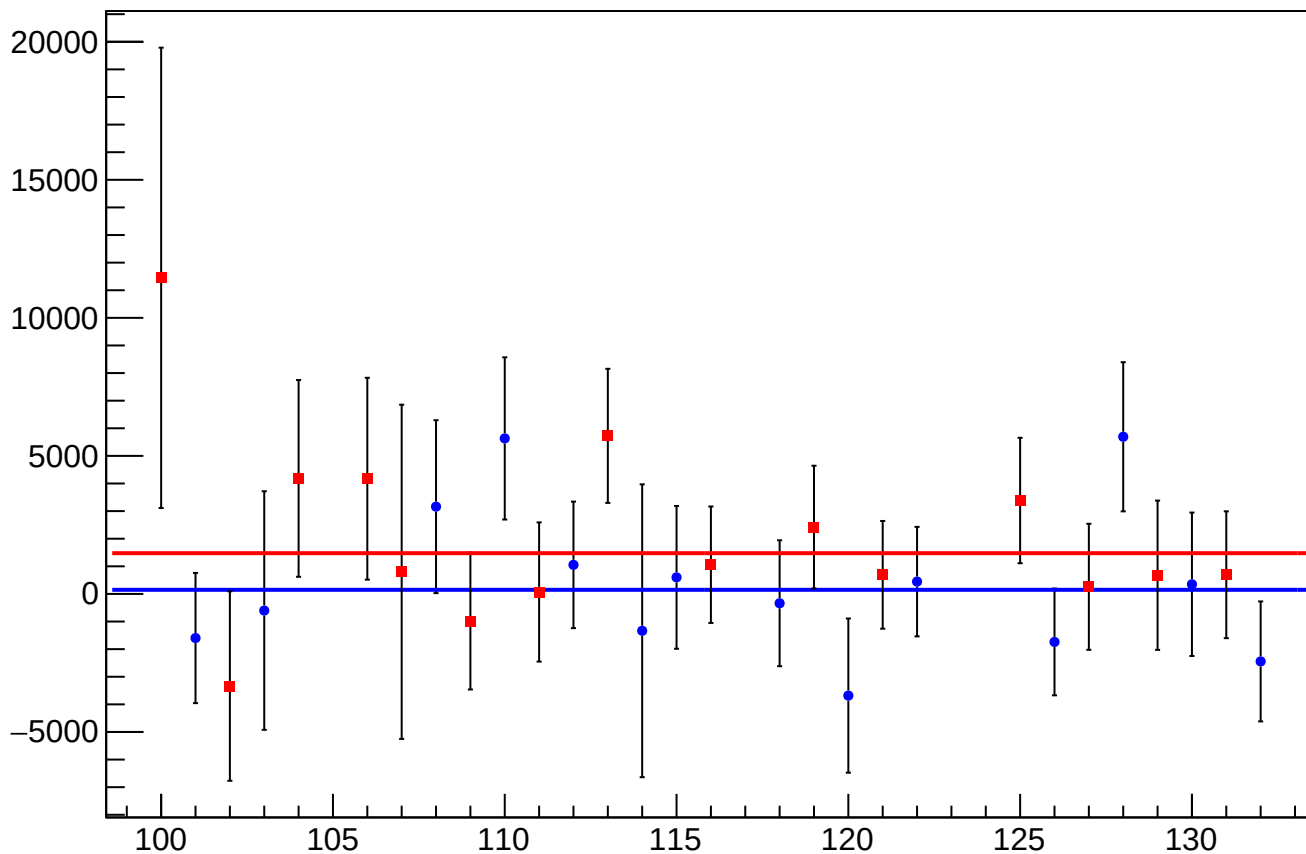
Right: 1917.164+/-0.399 χ^2/NDF : 891830.1/28

In: 1901.837+/-0.566 χ^2/NDF : 653404.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1917.164+/-0.399 χ^2/NDF : 891830.1/28

asym_us_dd_at1lr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 149.074+/-679.459 χ^2/NDF : 13.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1476.118+/-678.635 χ^2/NDF : 10.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

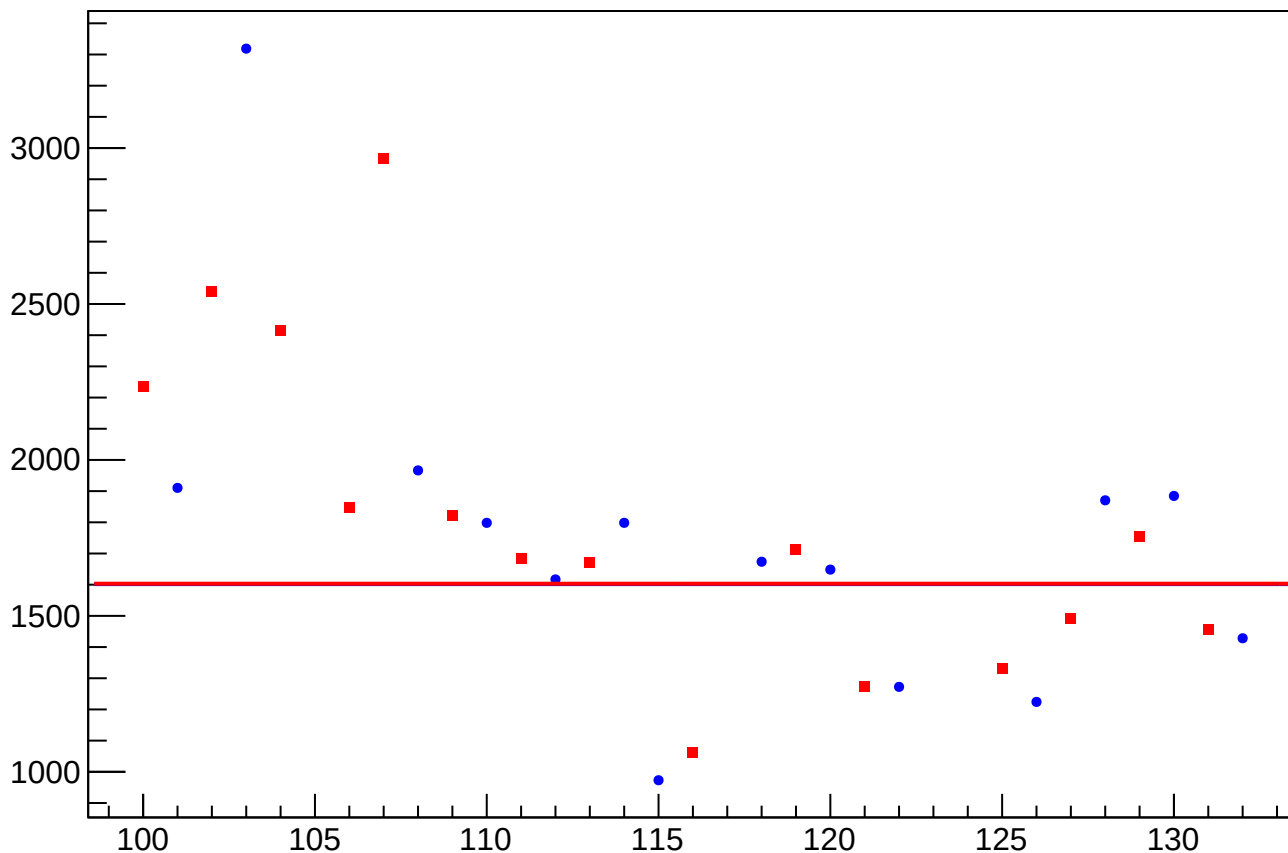
Right: 813.401+/-480.159 χ^2/NDF : 26.2/28

In: 149.074+/-679.459 χ^2/NDF : 13.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 813.401+/-480.159 χ^2/NDF : 26.2/28

asym_us_dd_at1lr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1601.913+/-0.480 χ^2/NDF : 697351.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1603.134+/-0.480 χ^2/NDF : 634338.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

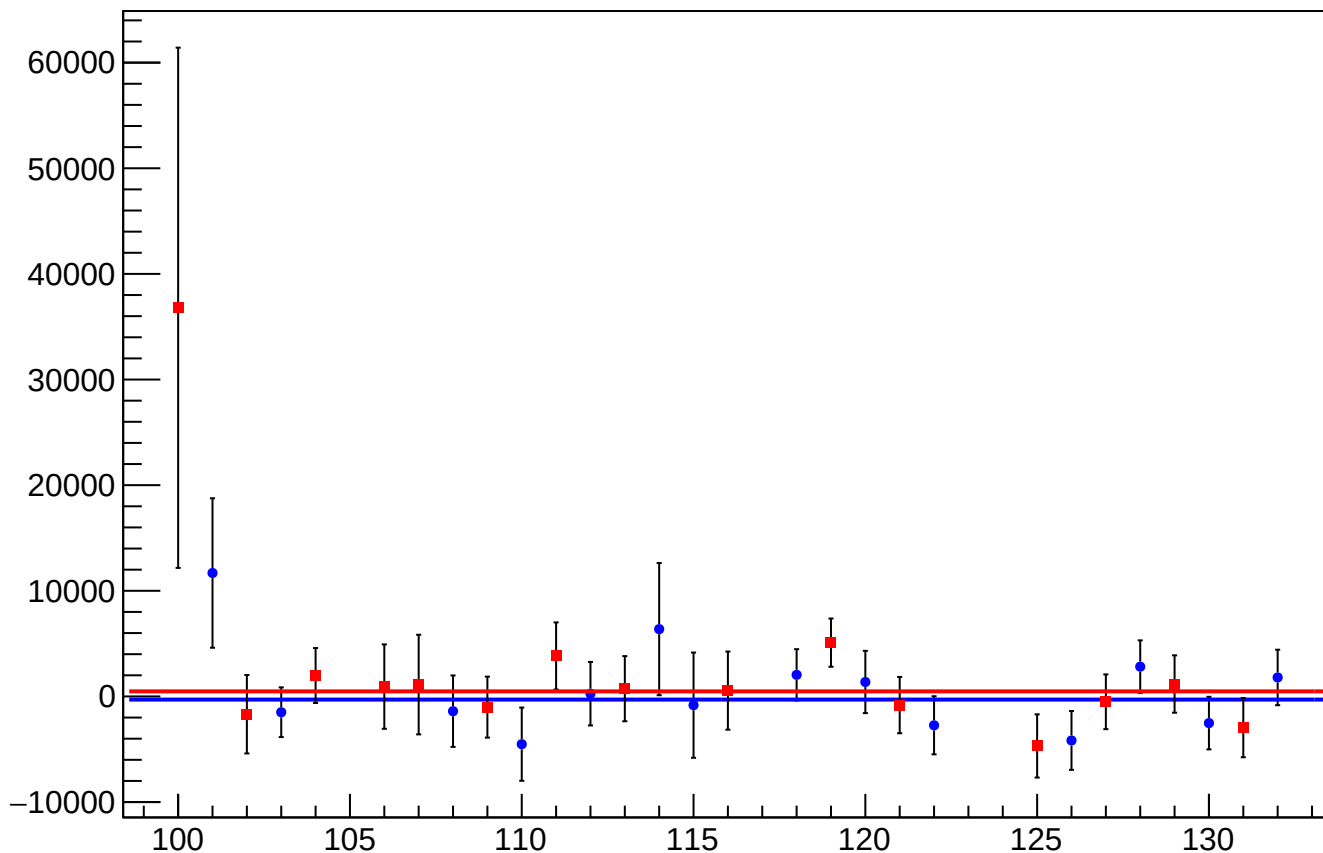
Right: 1602.524+/-0.340 χ^2/NDF : 1331692.2/28

In: 1601.913+/-0.480 χ^2/NDF : 697351.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1602.524+/-0.340 χ^2/NDF : 1331692.2/28

eigen_cor_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -297.063+/-800.356 χ^2/NDF : 12.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 480.677+/-794.874 χ^2/NDF : 13.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

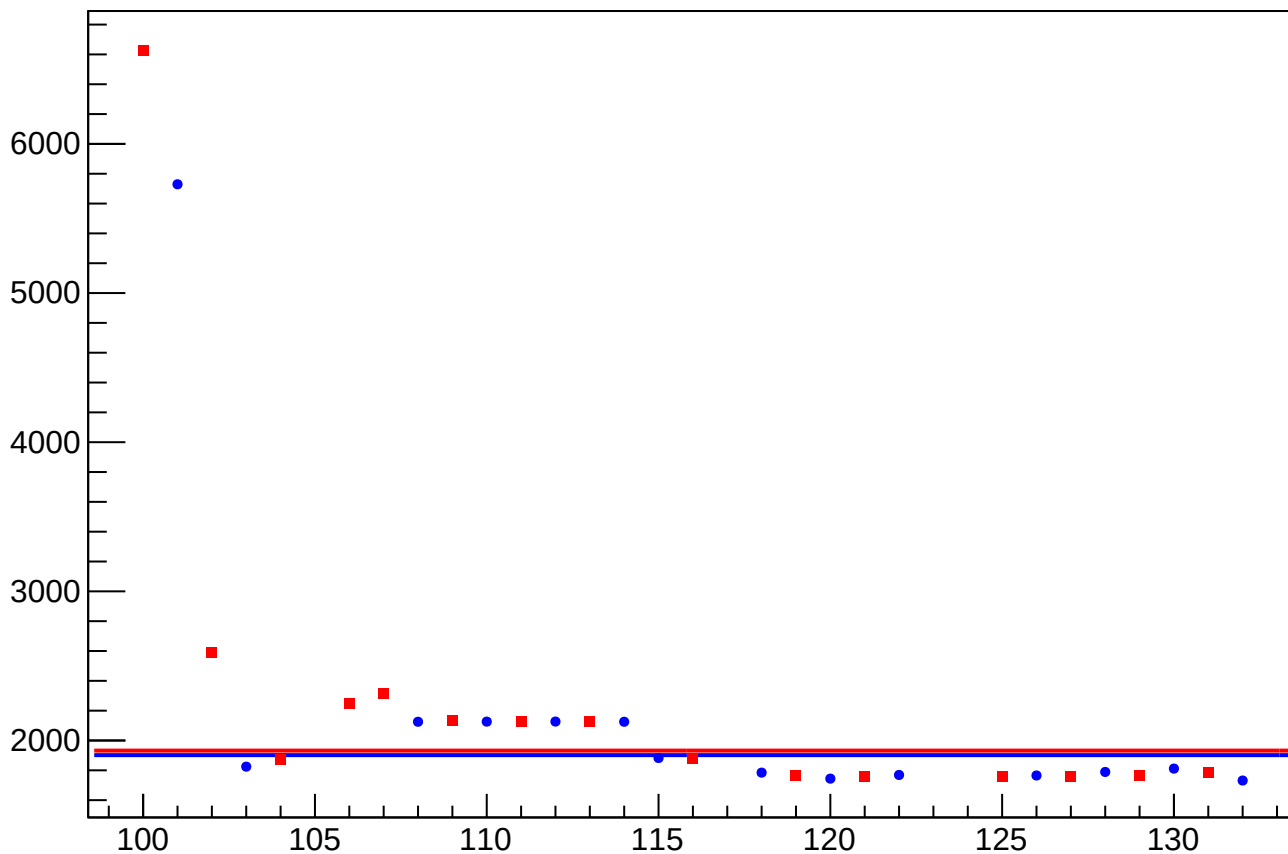
Right: 94.479+/-563.989 χ^2/NDF : 26.6/28

In: -297.063+/-800.356 χ^2/NDF : 12.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.479+/-563.989 χ^2/NDF : 26.6/28

eigen_cor_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1901.837+/-0.566 χ^2/NDF : 653404.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1932.282+/-0.562 χ^2/NDF : 236969.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

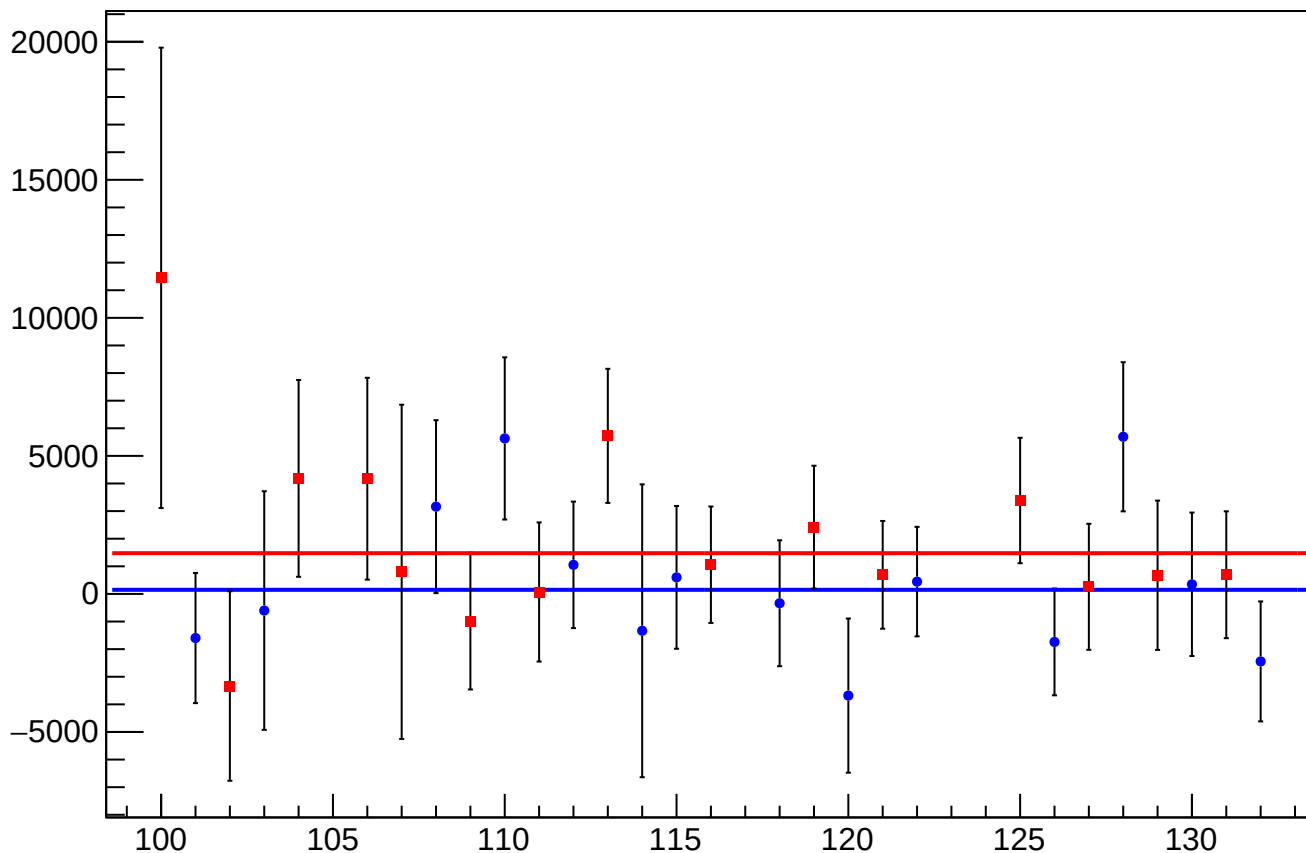
Right: 1917.164+/-0.399 χ^2/NDF : 891830.1/28

In: 1901.837+/-0.566 χ^2/NDF : 653404.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1917.164+/-0.399 χ^2/NDF : 891830.1/28

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 149.074+/-679.459 χ^2/NDF : 13.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1476.118+/-678.635 χ^2/NDF : 10.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

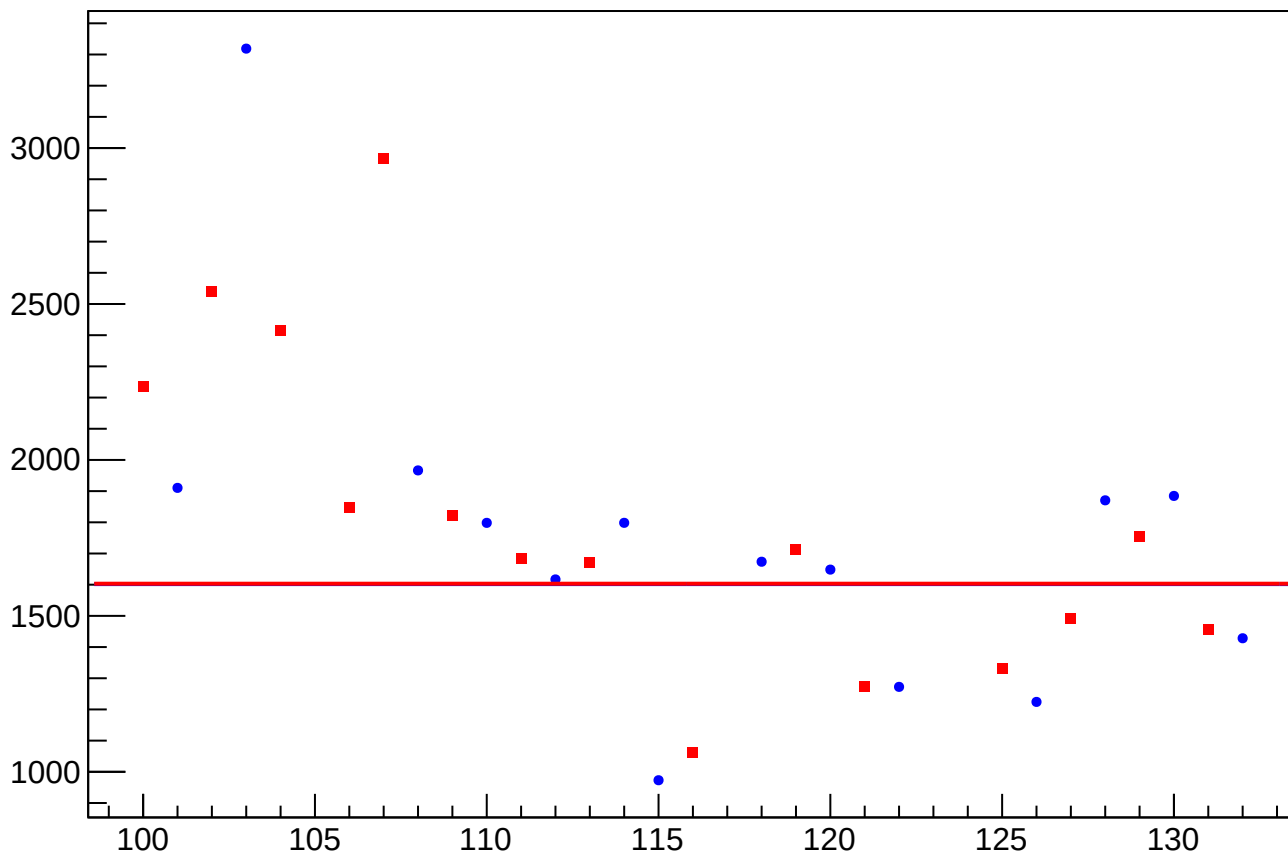
Right: 813.401+/-480.159 χ^2/NDF : 26.2/28

In: 149.074+/-679.459 χ^2/NDF : 13.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 813.401+/-480.159 χ^2/NDF : 26.2/28

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1601.913+/-0.480 χ^2/NDF : 697351.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1603.134+/-0.480 χ^2/NDF : 634338.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

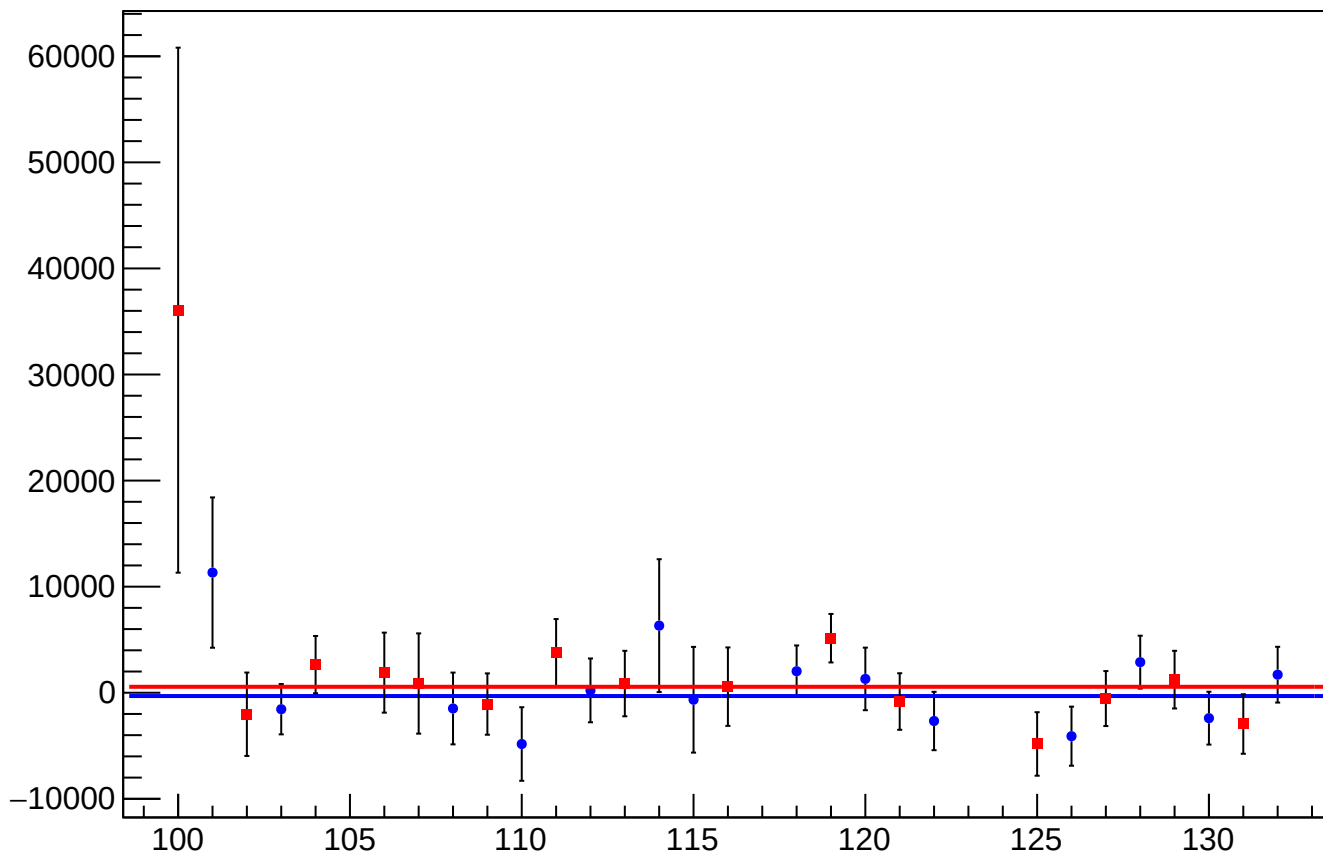
Right: 1602.524+/-0.340 χ^2/NDF : 1331692.2/28

In: 1601.913+/-0.480 χ^2/NDF : 697351.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1602.524+/-0.340 χ^2/NDF : 1331692.2/28

dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -311.221+/-801.444 χ^2/NDF : 12.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 561.327+/-798.038 χ^2/NDF : 13.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

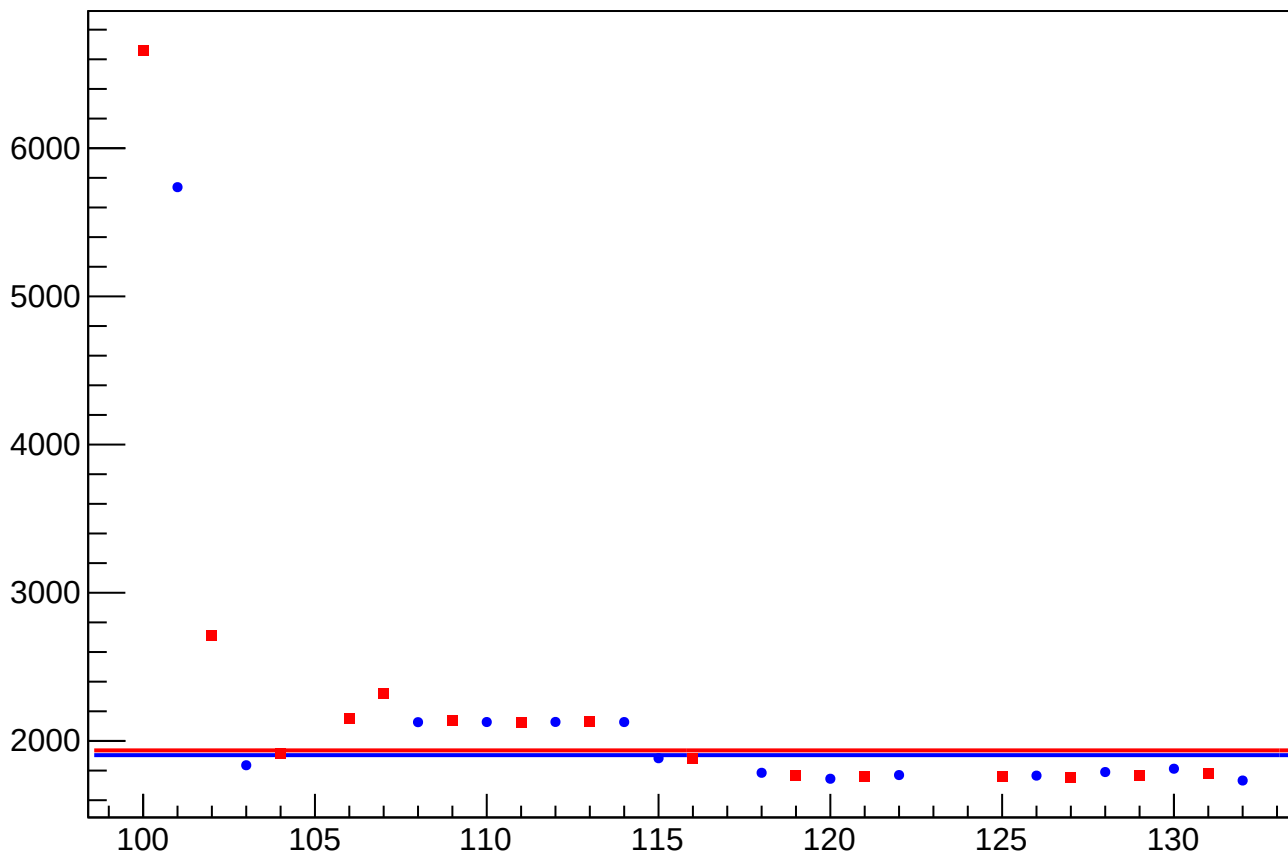
Right: 126.911+/-565.498 χ^2/NDF : 27.2/28

In: -311.221+/-801.444 χ^2/NDF : 12.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.911+/-565.498 χ^2/NDF : 27.2/28

dit_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1904.075+/-0.567 χ^2/NDF : 653395.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1936.226+/-0.564 χ^2/NDF : 246209.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

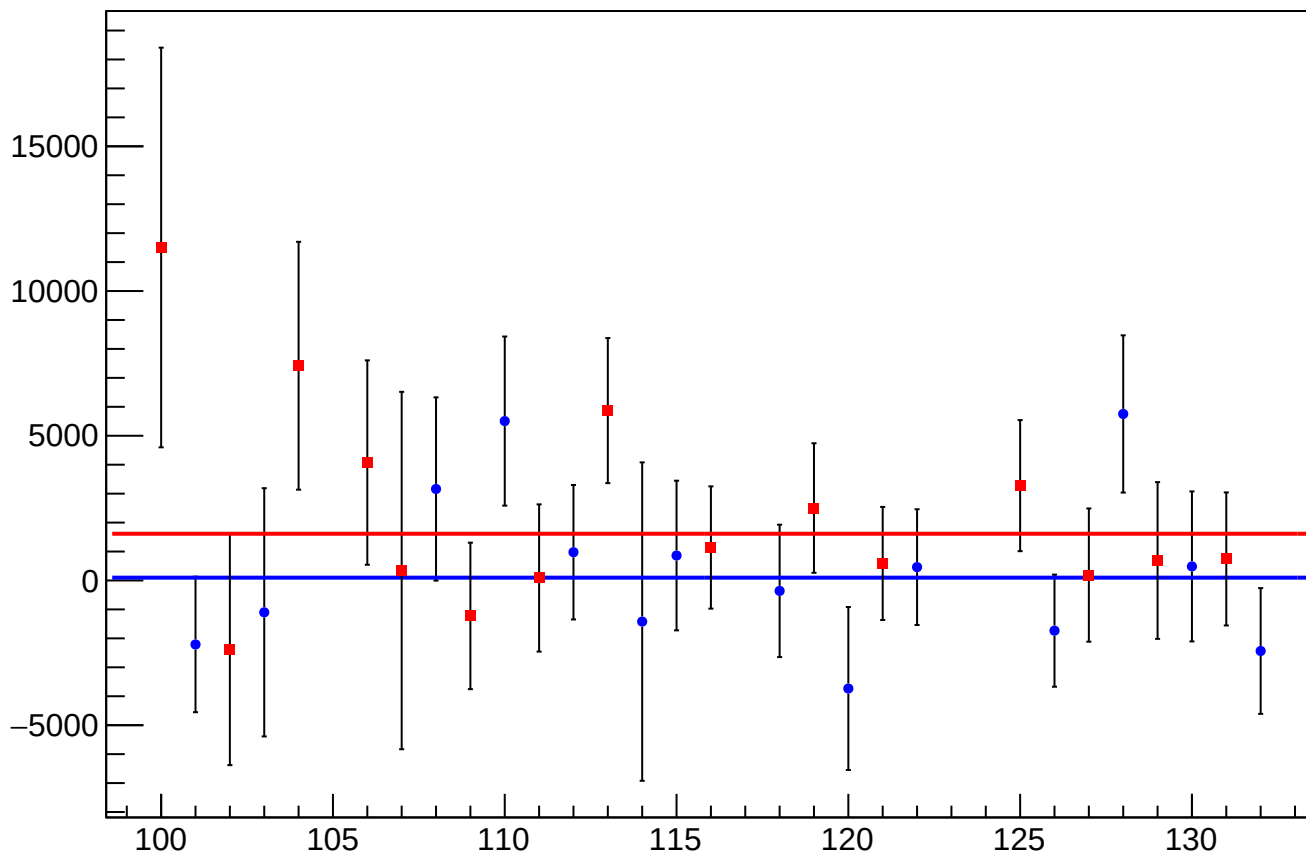
Right: 1920.219+/-0.400 χ^2/NDF : 901221.2/28

In: 1904.075+/-0.567 χ^2/NDF : 653395.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1920.219+/-0.400 χ^2/NDF : 901221.2/28

asym_us_dd_at1lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 97.413+/-681.672 χ^2/NDF : 14.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1614.373+/-688.401 χ^2/NDF : 11.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

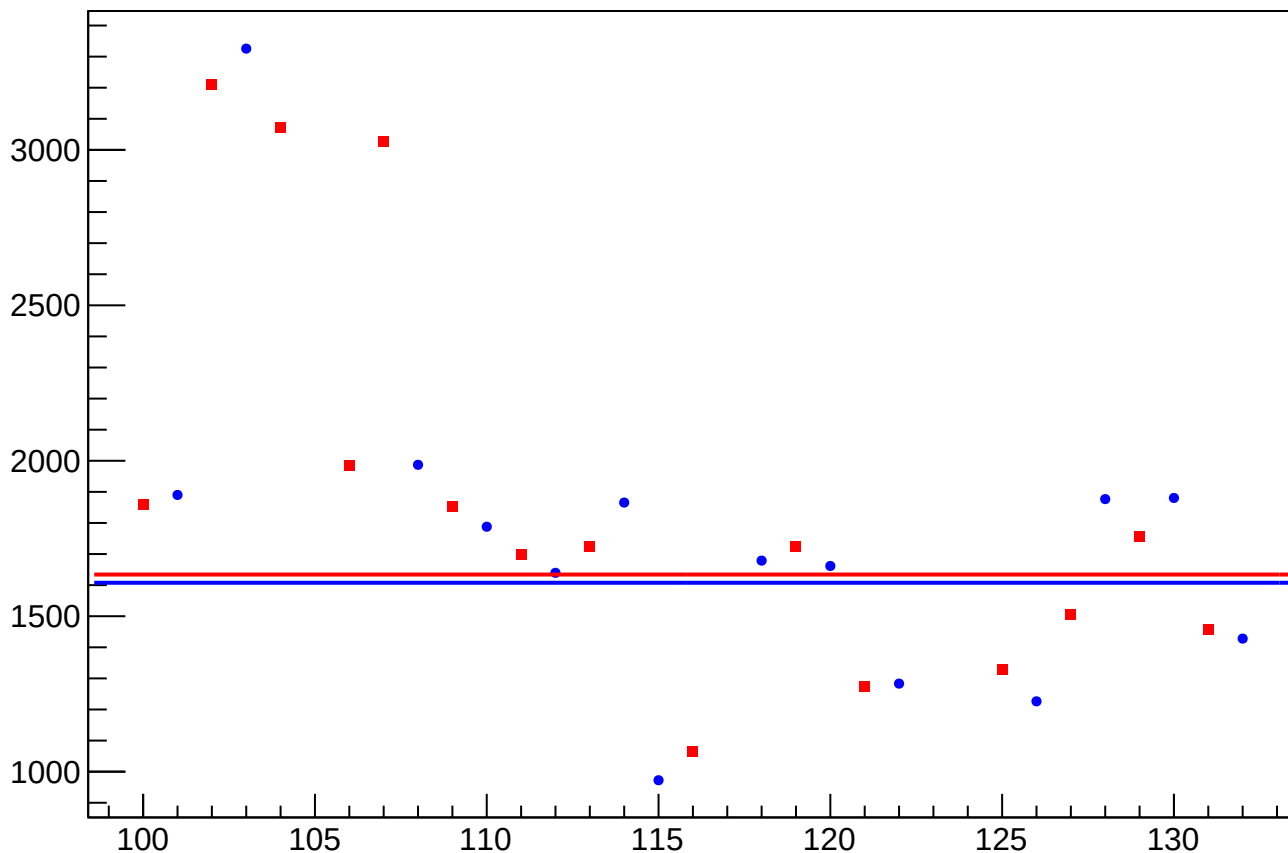
Right: 848.442+/-484.376 χ^2/NDF : 28.3/28

In: 97.413+/-681.672 χ^2/NDF : 14.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 848.442+/-484.376 χ^2/NDF : 28.3/28

asym_us_dd_at1lr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1607.633+/-0.482 χ^2/NDF : 700214.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1634.081+/-0.487 χ^2/NDF : 954447.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

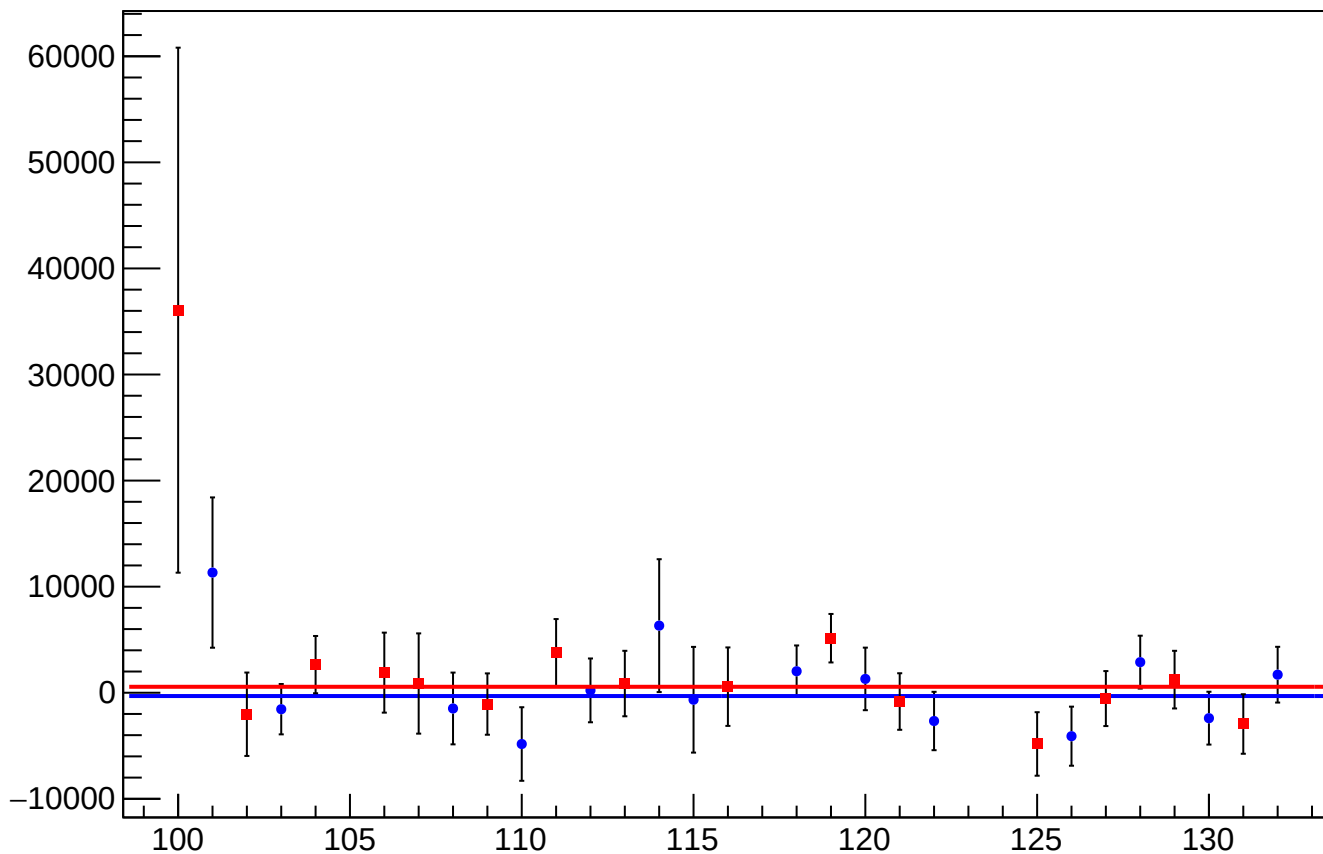
Right: 1620.727+/-0.343 χ^2/NDF : 1656151.7/28

In: 1607.633+/-0.482 χ^2/NDF : 700214.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1620.727+/-0.343 χ^2/NDF : 1656151.7/28

eigen_dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -311.222+/-801.444 χ^2/NDF : 12.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 561.326+/-798.038 χ^2/NDF : 13.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

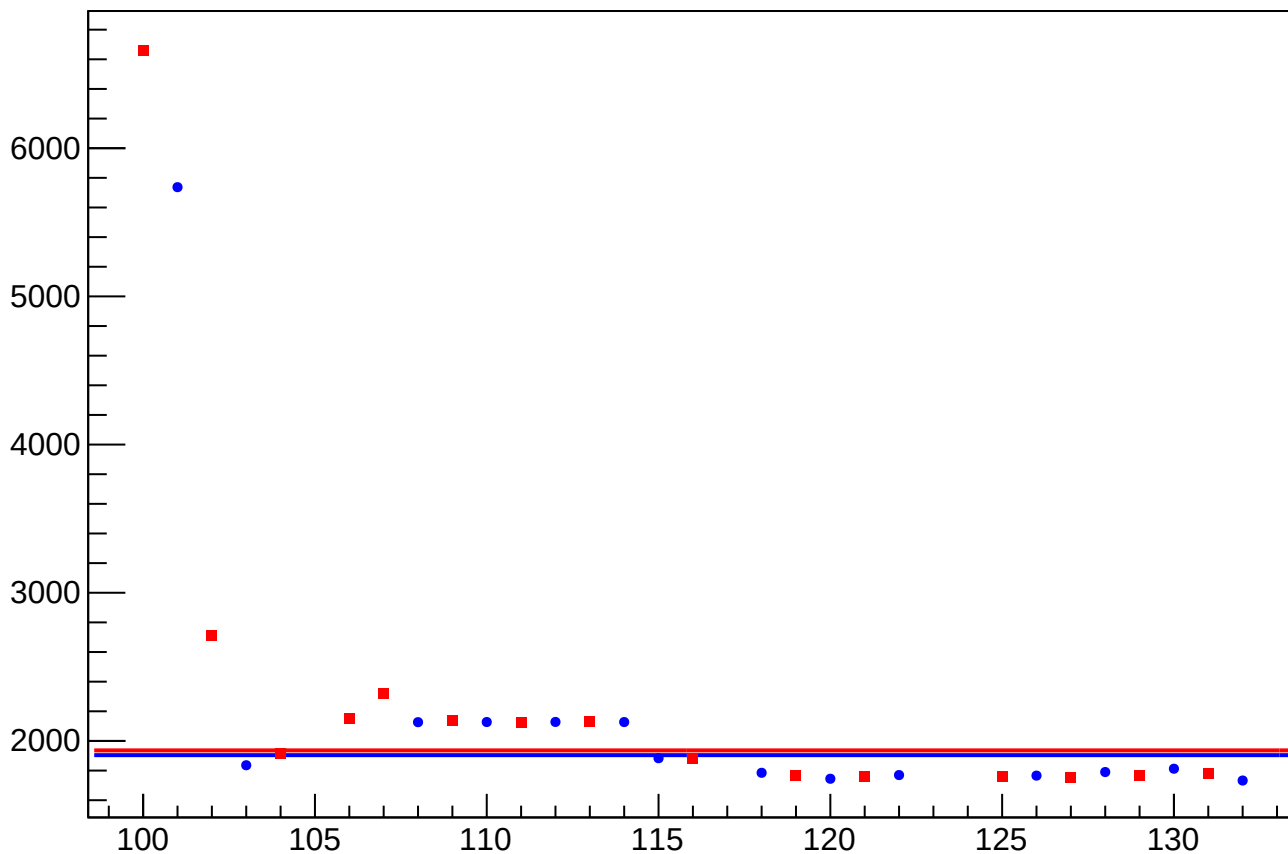
Right: 126.910+/-565.498 χ^2/NDF : 27.2/28

In: -311.222+/-801.444 χ^2/NDF : 12.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.910+/-565.498 χ^2/NDF : 27.2/28

eigen_dit_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1904.075+/-0.567 χ^2/NDF : 653395.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1936.226+/-0.564 χ^2/NDF : 246209.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

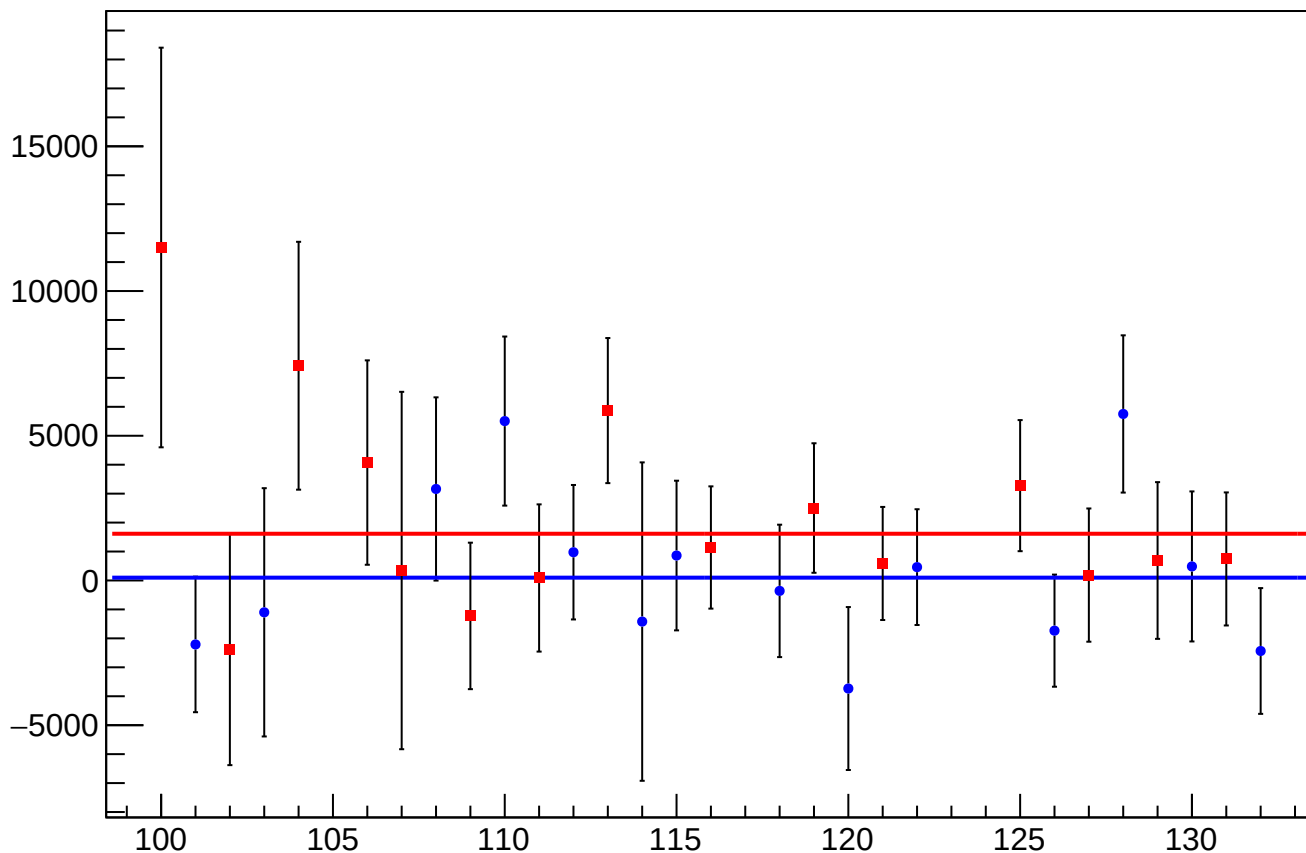
Right: 1920.219+/-0.400 χ^2/NDF : 901221.0/28

In: 1904.075+/-0.567 χ^2/NDF : 653395.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1920.219+/-0.400 χ^2/NDF : 901221.0/28

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 97.416+/-681.670 χ^2/NDF : 14.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1614.369+/-688.400 χ^2/NDF : 11.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

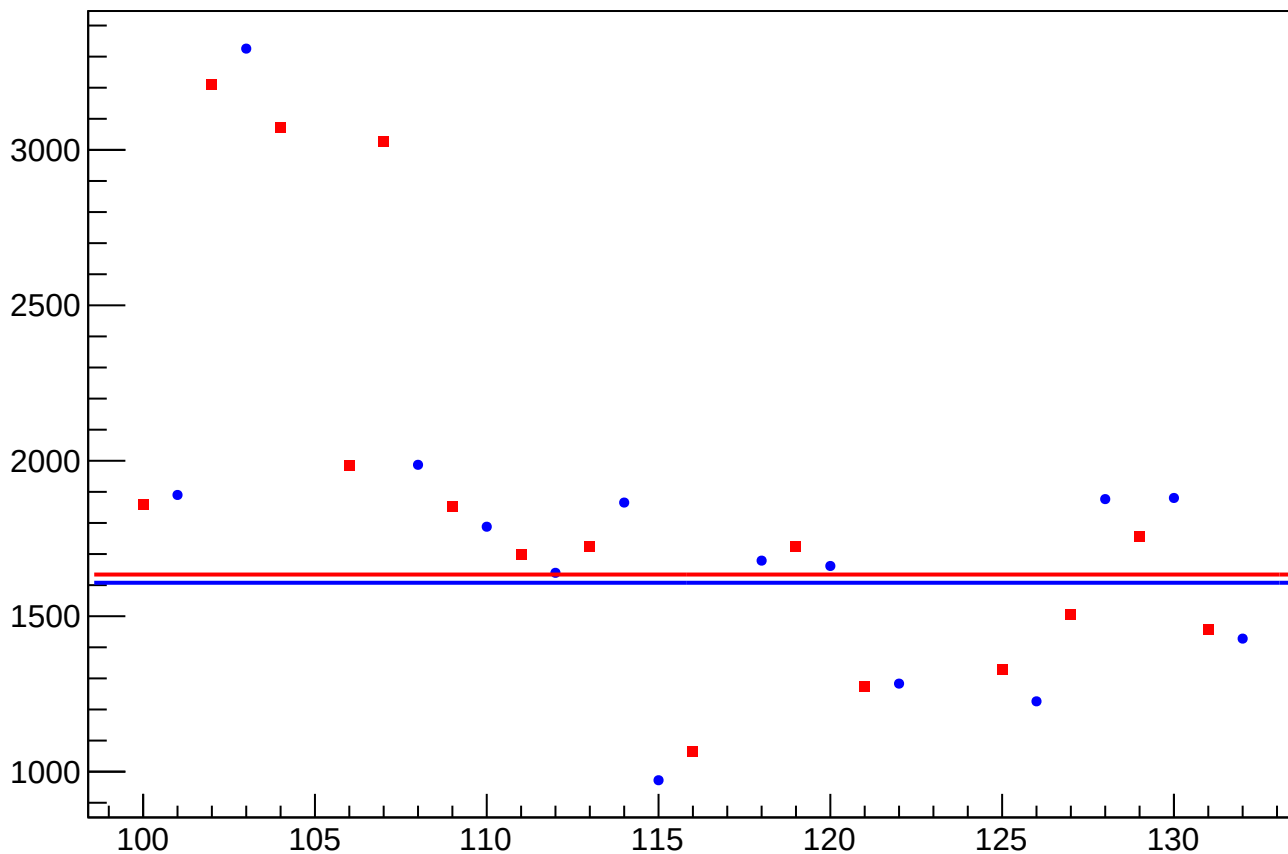
Right: 848.441+/-484.375 χ^2/NDF : 28.3/28

In: 97.416+/-681.670 χ^2/NDF : 14.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 848.441+/-484.375 χ^2/NDF : 28.3/28

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1607.629+/-0.482 χ^2/NDF : 700214.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1634.077+/-0.487 χ^2/NDF : 954452.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

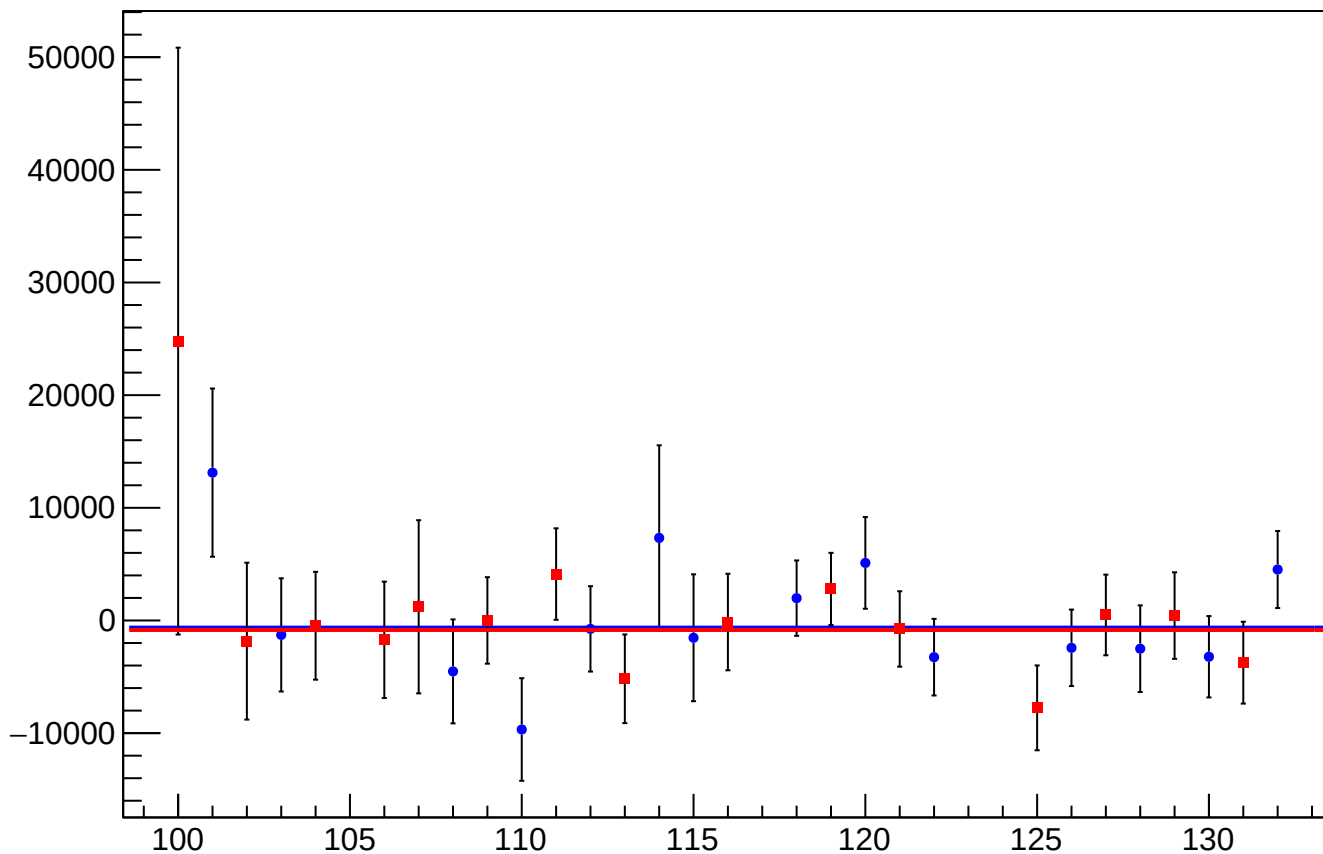
Right: 1620.723+/-0.343 χ^2/NDF : 1656157.2/28

In: 1607.629+/-0.482 χ^2/NDF : 700214.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1620.723+/-0.343 χ^2/NDF : 1656157.2/28

asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -635.540 $\pm$ 1103.218 χ^2 /NDF: 15.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -844.242 $\pm$ 1086.804 χ^2 /NDF: 9.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

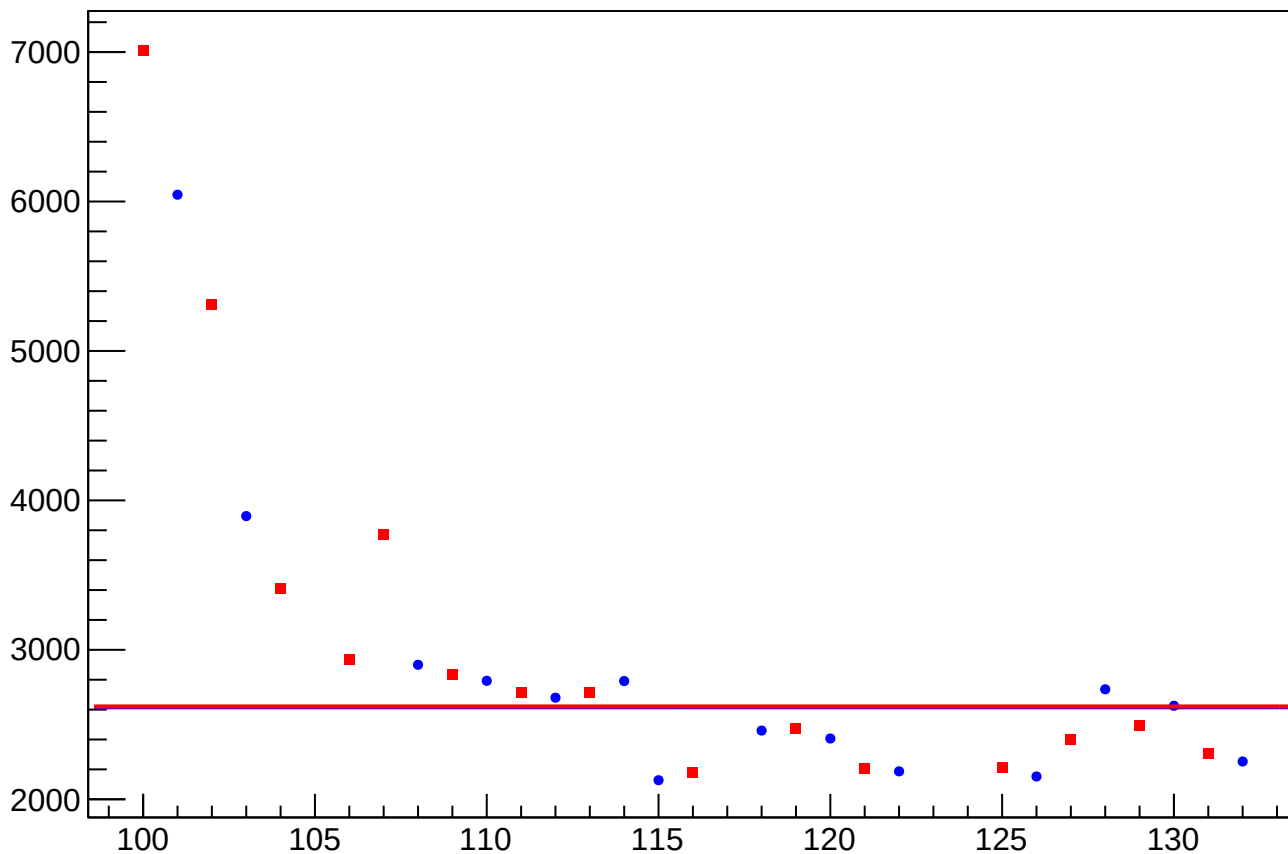
Right: -741.455 $\pm$ 774.225 χ^2 /NDF: 25.0/28

In: -635.540 $\pm$ 1103.218 χ^2 /NDF:15.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -741.455 $\pm$ 774.225 χ^2 /NDF: 25.0/28

asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2615.436+/-0.780 χ^2/NDF : 682332.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2621.330+/-0.768 χ^2/NDF : 574740.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

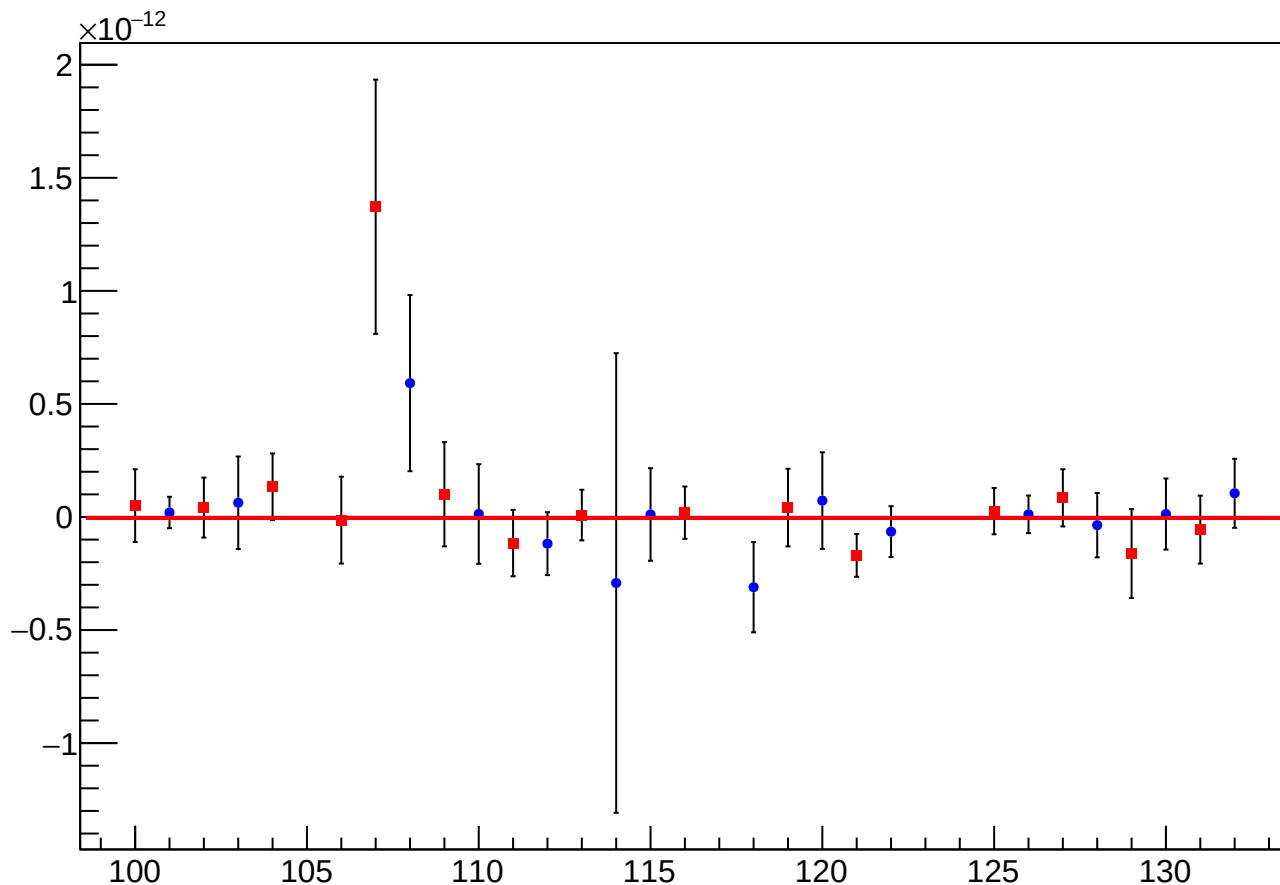
Right: 2618.427+/-0.547 χ^2/NDF : 1257101.0/28

In: 2615.436+/-0.780 χ^2/NDF : 682332.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2618.427+/-0.547 χ^2/NDF : 1257101.0/28

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 6.7/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 12.4/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

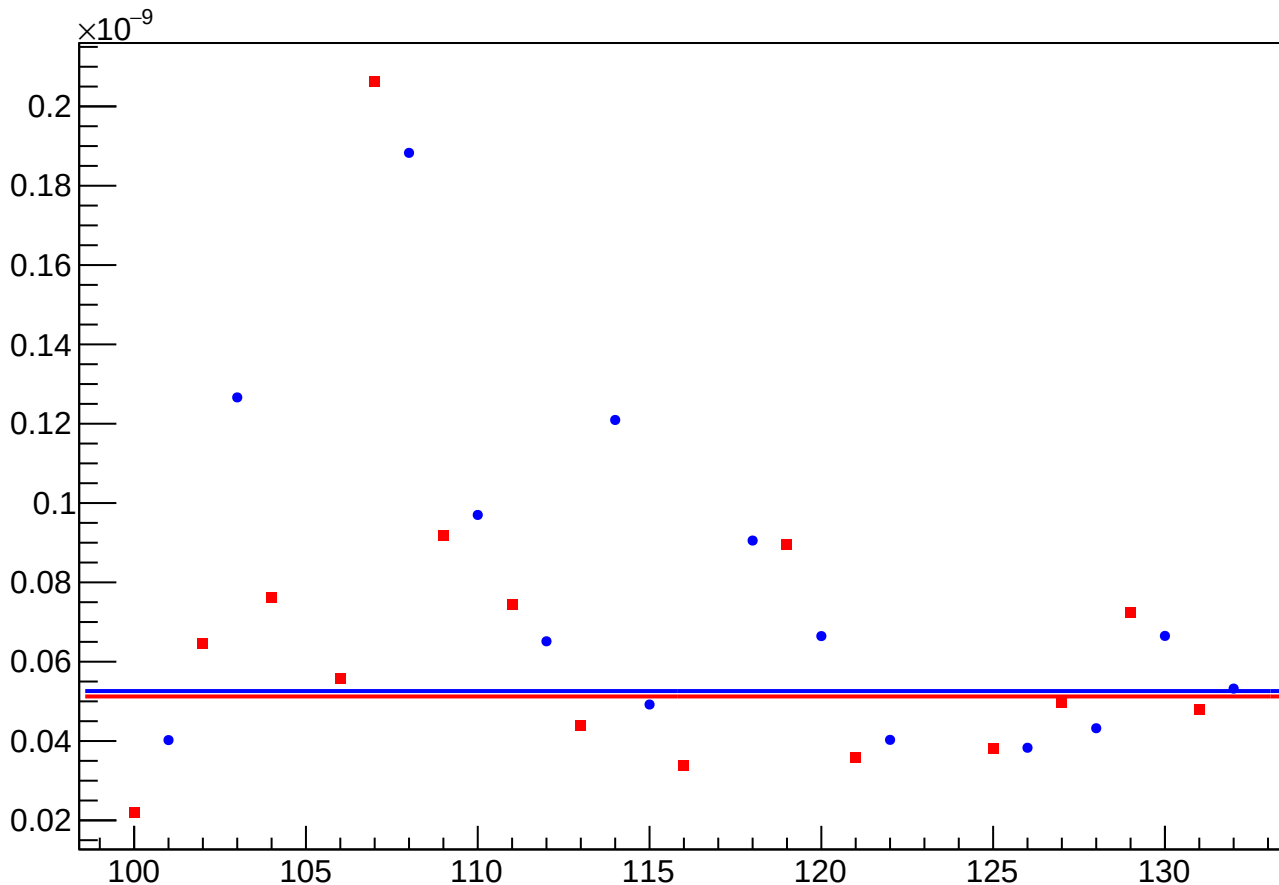
Right: -0.000+/-0.000 χ^2 /NDF: 19.1/28

In: -0.000+/-0.000 χ^2 /NDF:6.7/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 19.1/28

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 862906.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 671742.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

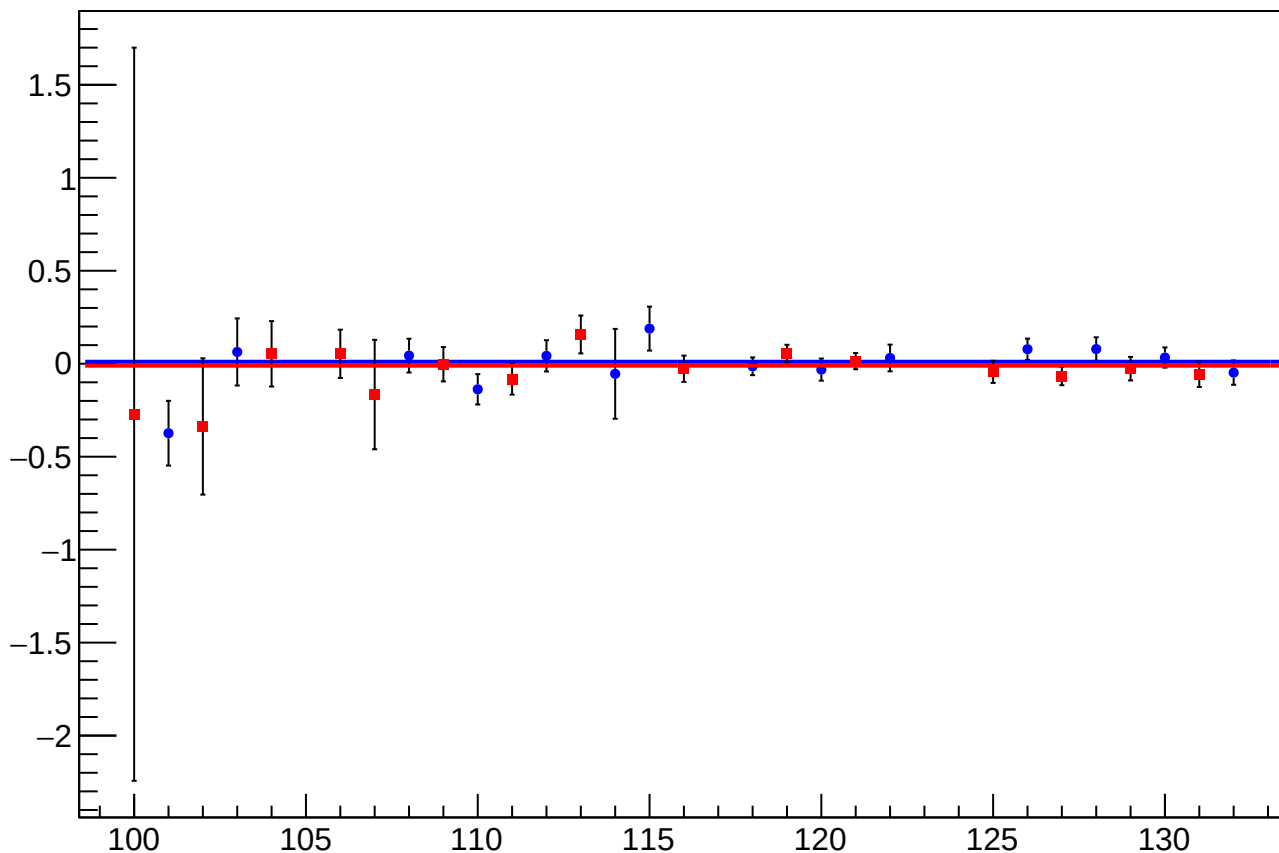
Right: 0.000+/-0.000 χ^2/NDF : 1536048.1/28

In: 0.000+/-0.000 χ^2/NDF : 862906.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1536048.1/28

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.020 χ^2/NDF : 15.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.011+/-0.019 χ^2/NDF : 9.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

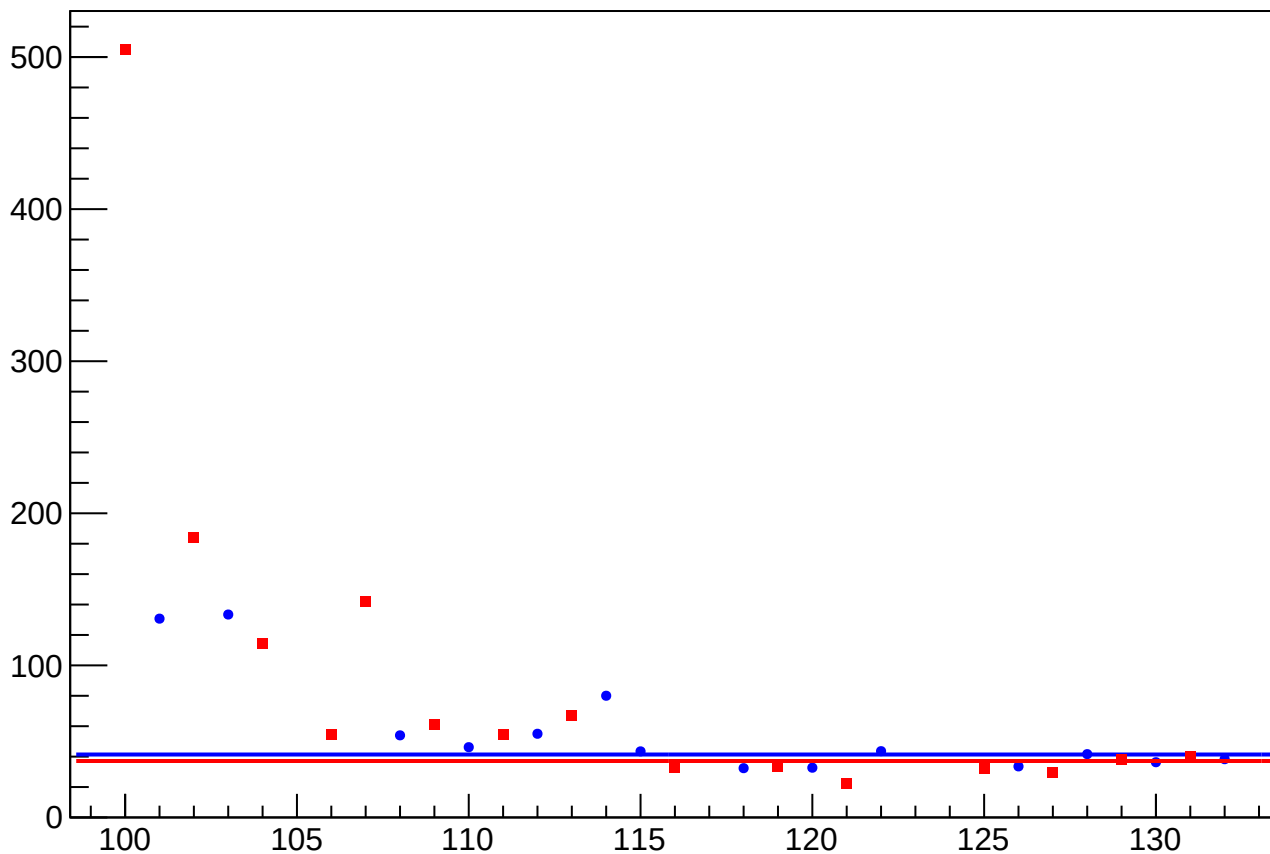
Right: -0.000+/-0.014 χ^2/NDF : 25.3/28

In: 0.011+/-0.020 χ^2/NDF : 15.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.014 χ^2/NDF : 25.3/28

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.389+/-0.014 χ^2/NDF : 1371169.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.127+/-0.013 χ^2/NDF : 1833405.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

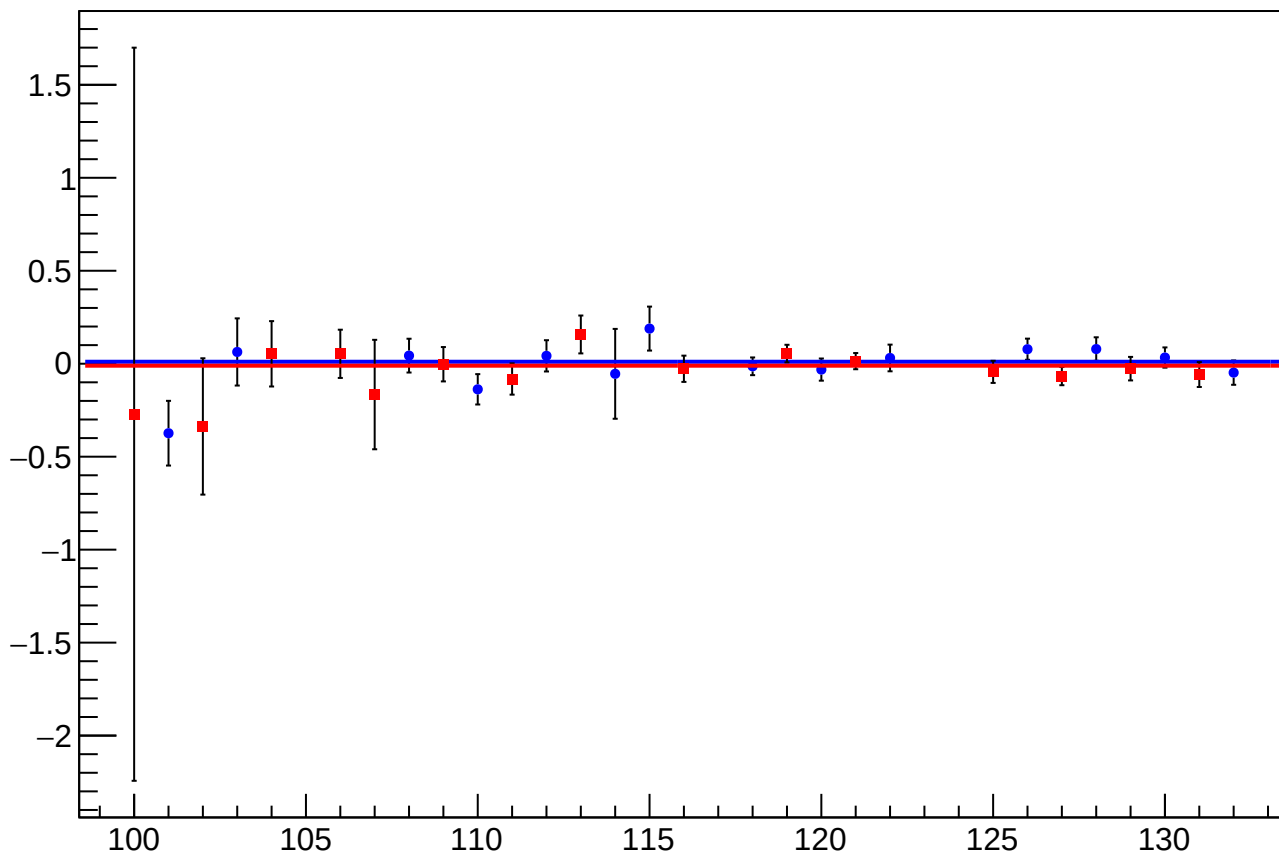
Right: 39.178+/-0.010 χ^2/NDF : 3253815.4/28

In: 41.389+/-0.014 χ^2/NDF : 1371169.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.178+/-0.010 χ^2/NDF : 3253815.4/28

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.020 χ^2/NDF : 15.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.011+/-0.019 χ^2/NDF : 9.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

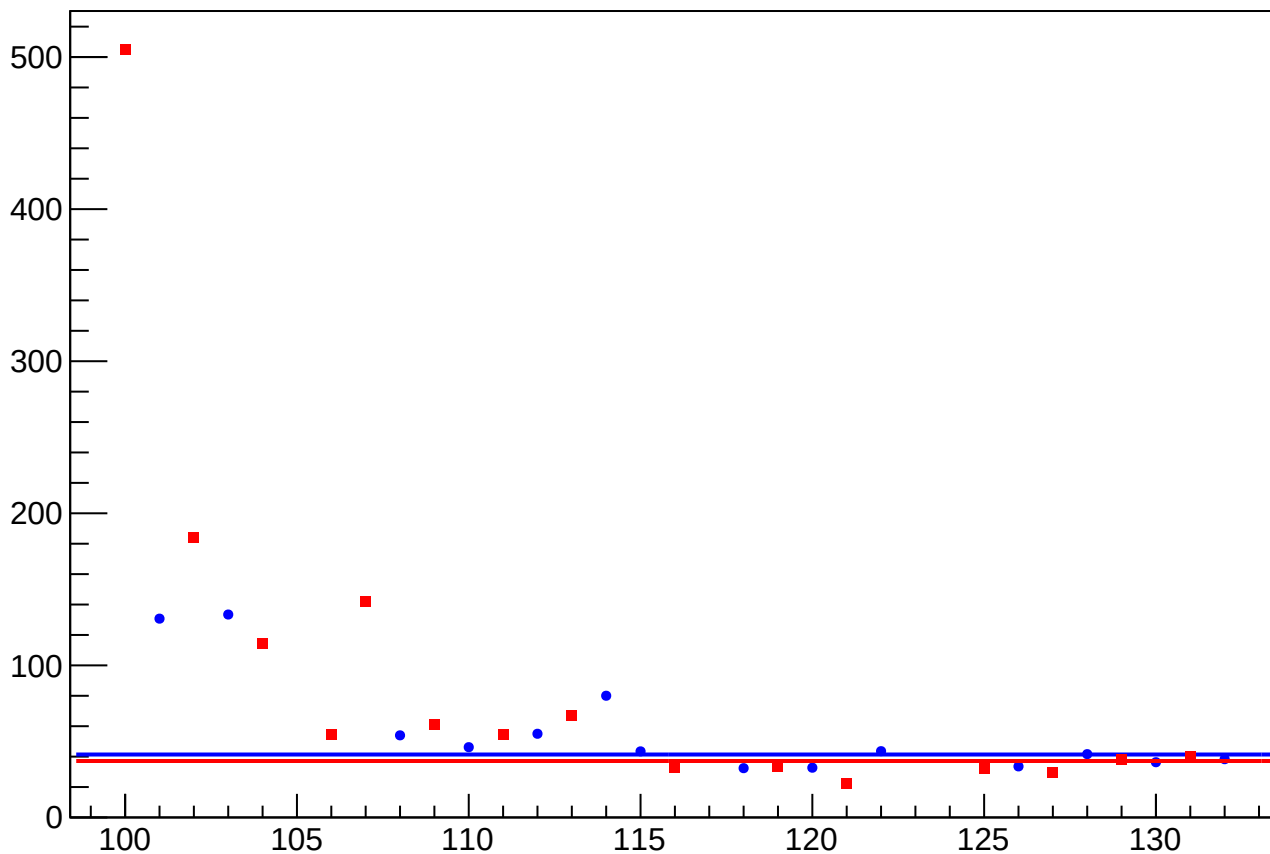
Right: -0.000+/-0.014 χ^2/NDF : 25.3/28

In: 0.011+/-0.020 χ^2/NDF : 15.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.014 χ^2/NDF : 25.3/28

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.389+/-0.014 χ^2/NDF : 1371169.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.127+/-0.013 χ^2/NDF : 1833405.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

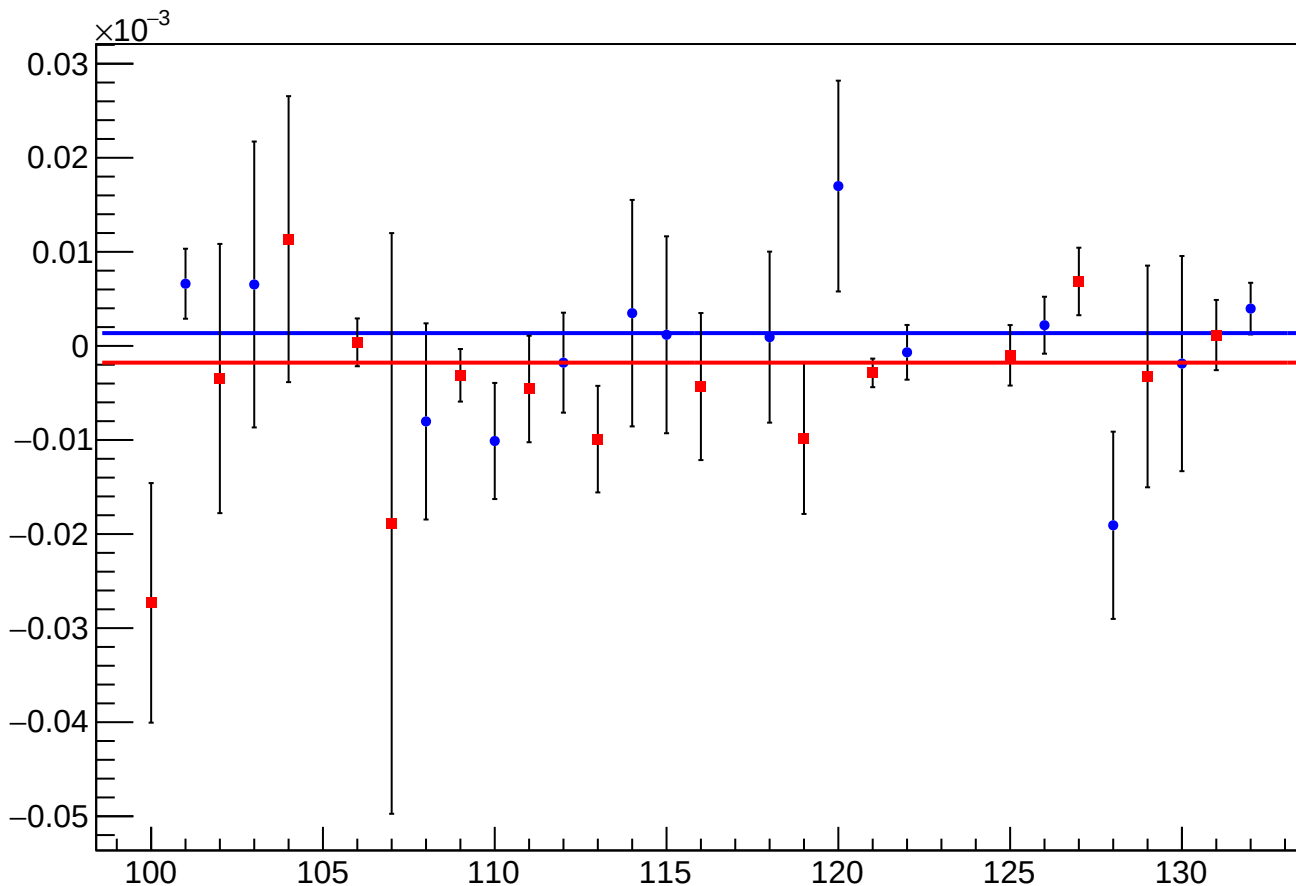
Right: 39.178+/-0.010 χ^2/NDF : 3253815.4/28

In: 41.389+/-0.014 χ^2/NDF : 1371169.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.178+/-0.010 χ^2/NDF : 3253815.4/28

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

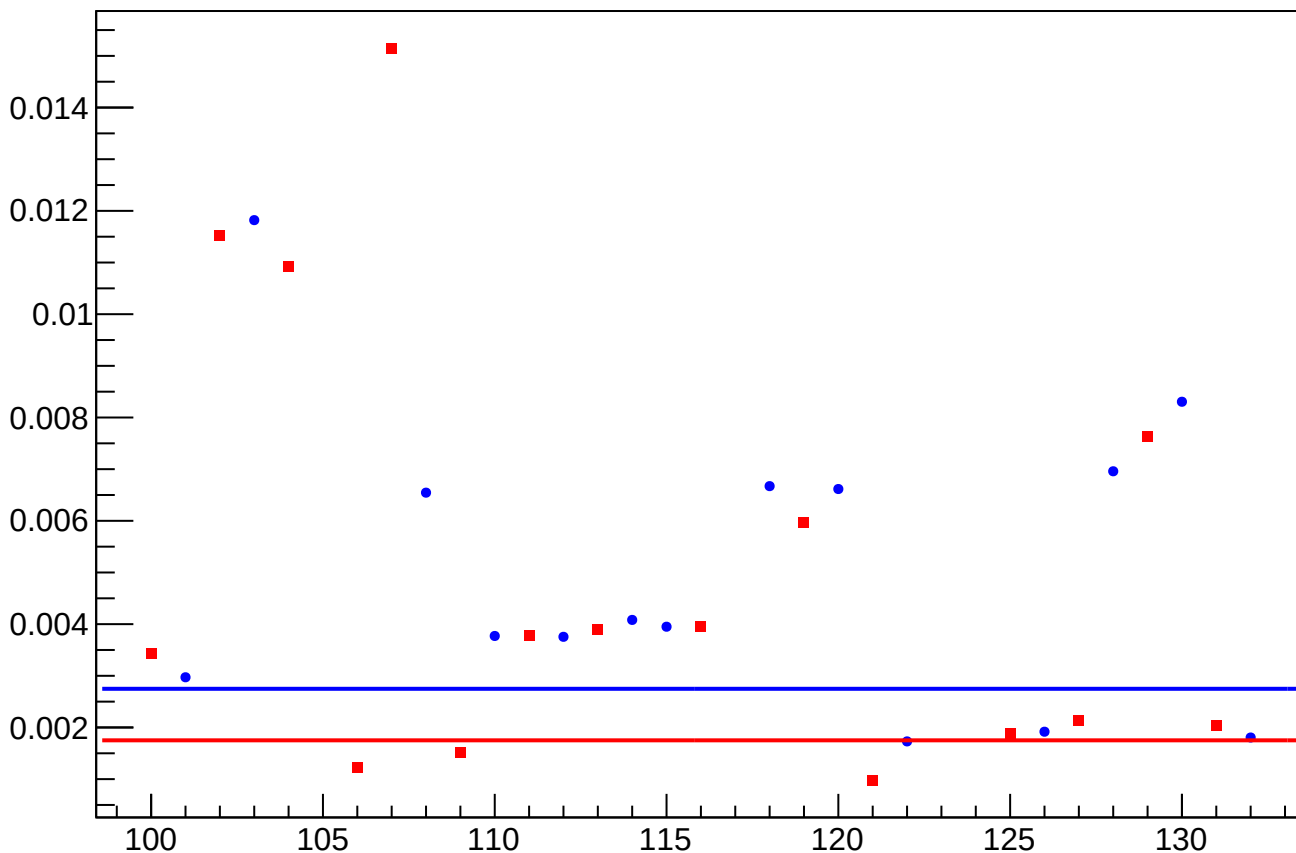
Right: -0.000+/-0.000 χ^2/NDF : 34.6/28

In: 0.000+/-0.000 χ^2/NDF : 14.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 34.6/28

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000

χ^2/NDF : 3235519.7/13

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000

χ^2/NDF : 4493562.5/14

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.002+/-0.000

χ^2/NDF : 8464322.7/28

In: 0.003+/-0.000

χ^2/NDF : 3235519.7/13

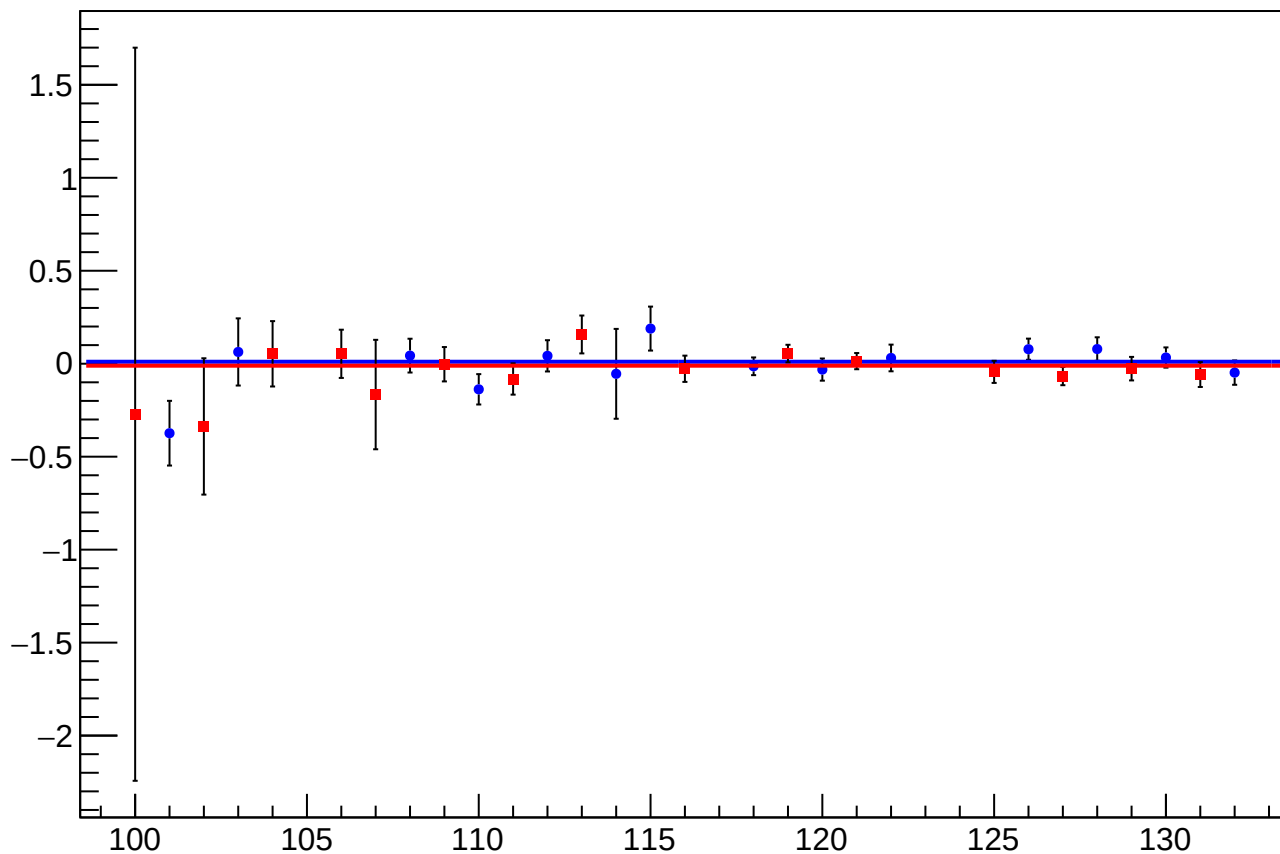
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.002+/-0.000

χ^2/NDF : 8464322.7/28

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011 $\pm$ 0.020 χ^2 /NDF: 15.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.011 $\pm$ 0.019 χ^2 /NDF: 9.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

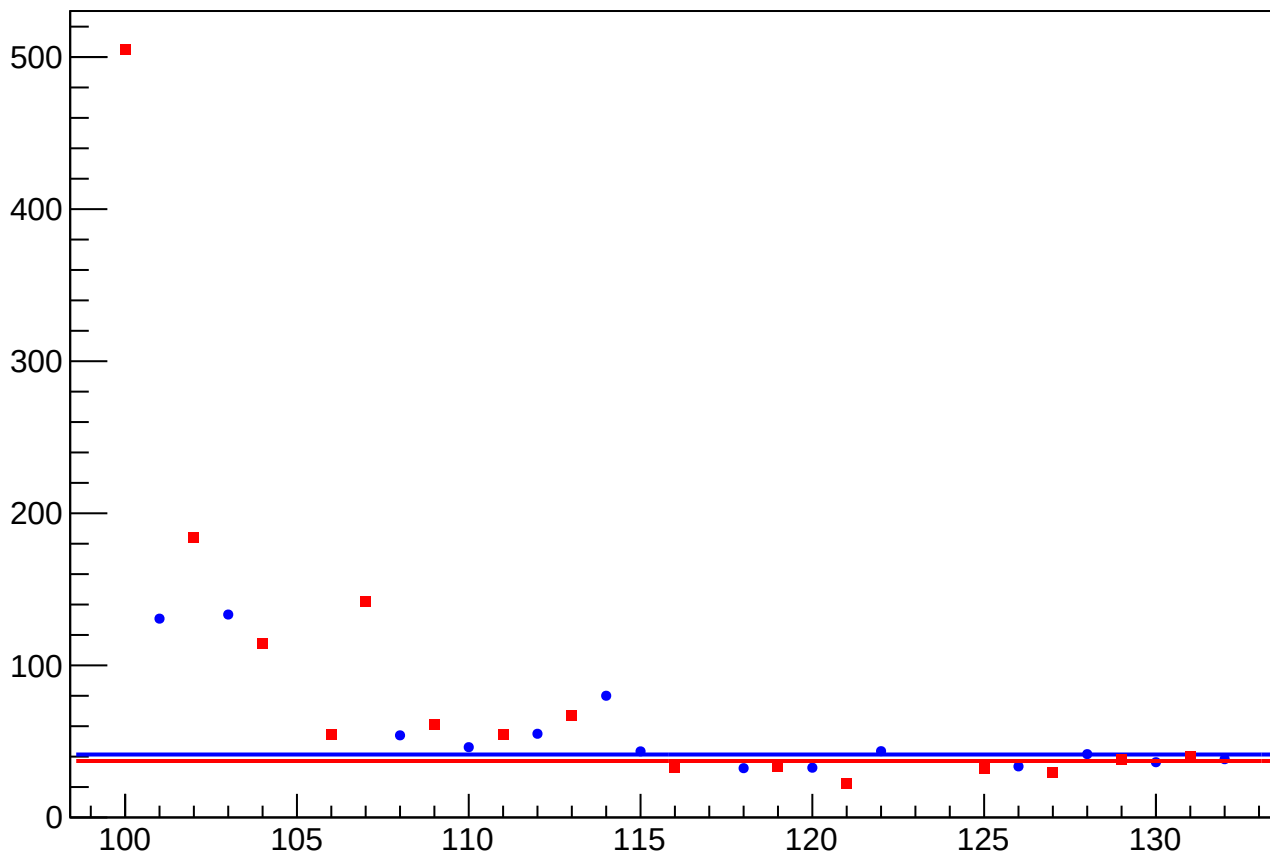
Right: -0.000 $\pm$ 0.014 χ^2 /NDF: 25.3/28

In: 0.011 $\pm$ 0.020 χ^2 /NDF:15.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.014 χ^2 /NDF: 25.3/28

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.389+/-0.014 χ^2/NDF : 1371072.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.125+/-0.013 χ^2/NDF : 1833405.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

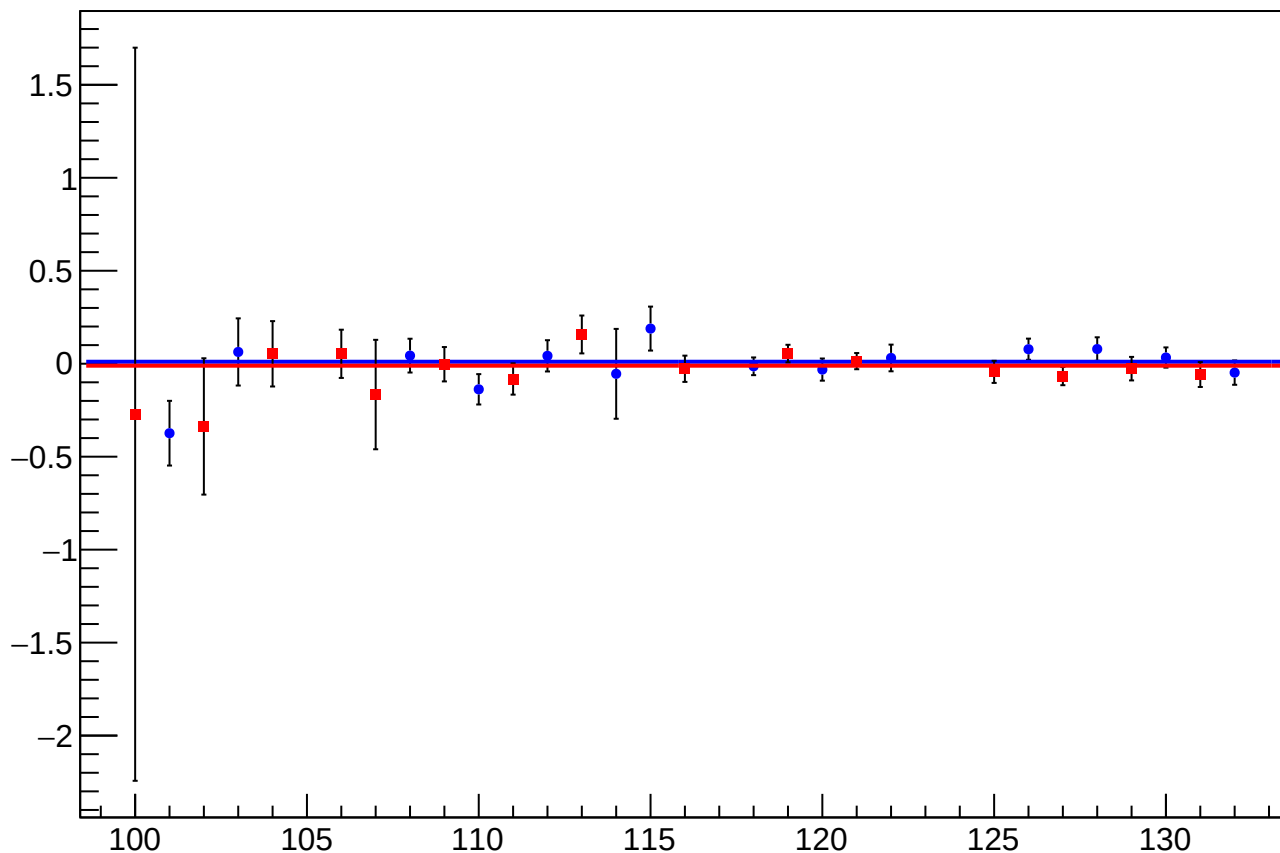
Right: 39.178+/-0.010 χ^2/NDF : 3253759.1/28

In: 41.389+/-0.014 χ^2/NDF : 1371072.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.178+/-0.010 χ^2/NDF : 3253759.1/28

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.020 χ^2/NDF : 15.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.011+/-0.019 χ^2/NDF : 9.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

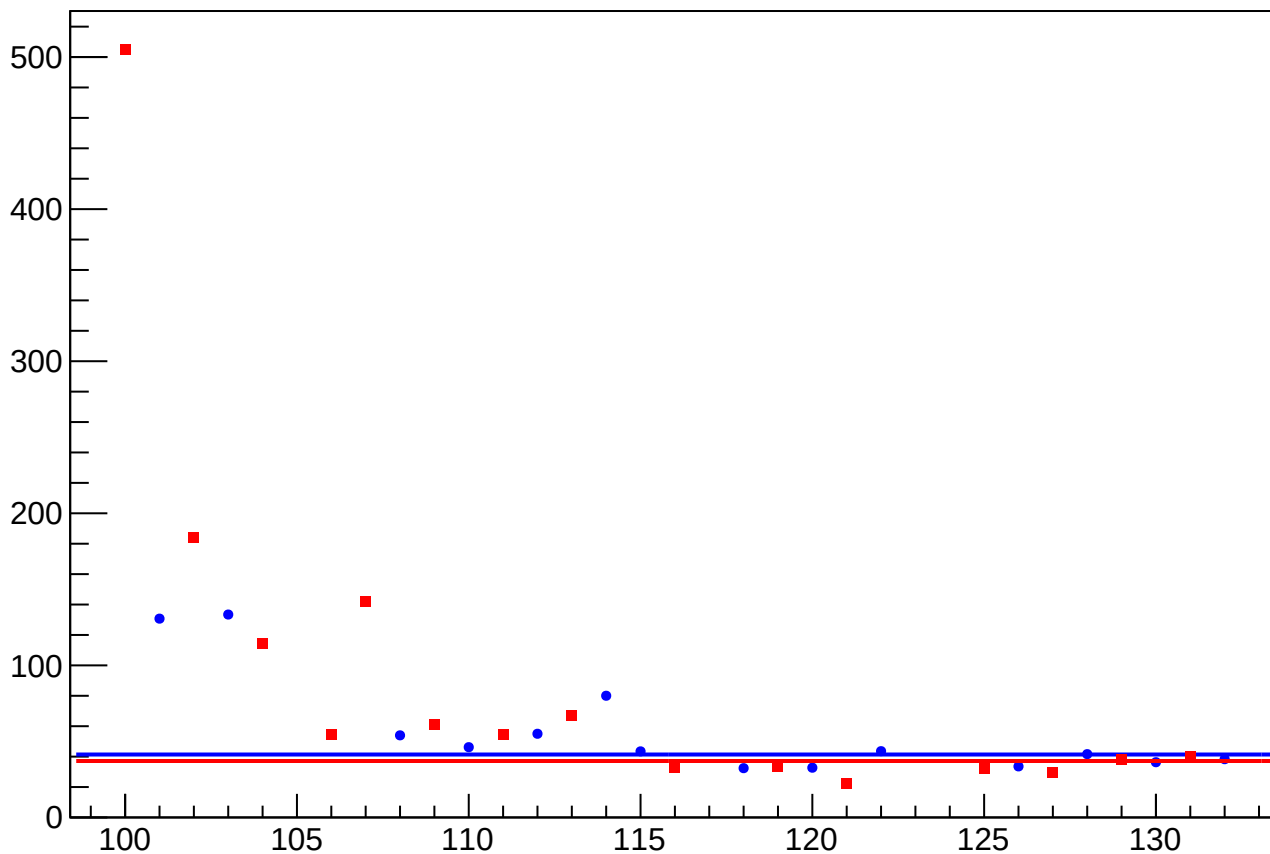
Right: -0.000+/-0.014 χ^2/NDF : 25.3/28

In: 0.011+/-0.020 χ^2/NDF : 15.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.014 χ^2/NDF : 25.3/28

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.389+/-0.014 χ^2/NDF : 1371072.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.125+/-0.013 χ^2/NDF : 1833405.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

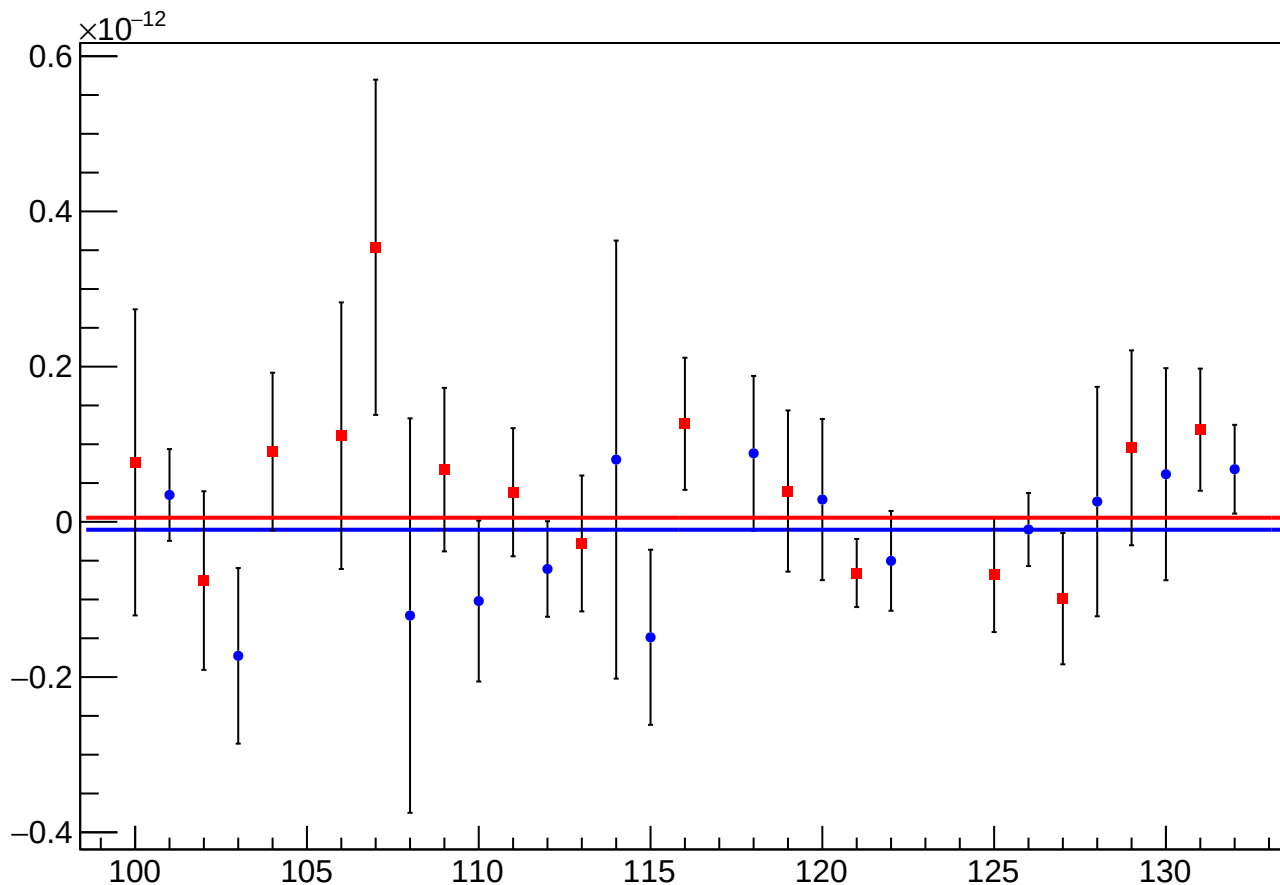
Right: 39.178+/-0.010 χ^2/NDF : 3253759.1/28

In: 41.389+/-0.014 χ^2/NDF : 1371072.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.178+/-0.010 χ^2/NDF : 3253759.1/28

asym_us_dd_at1lr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

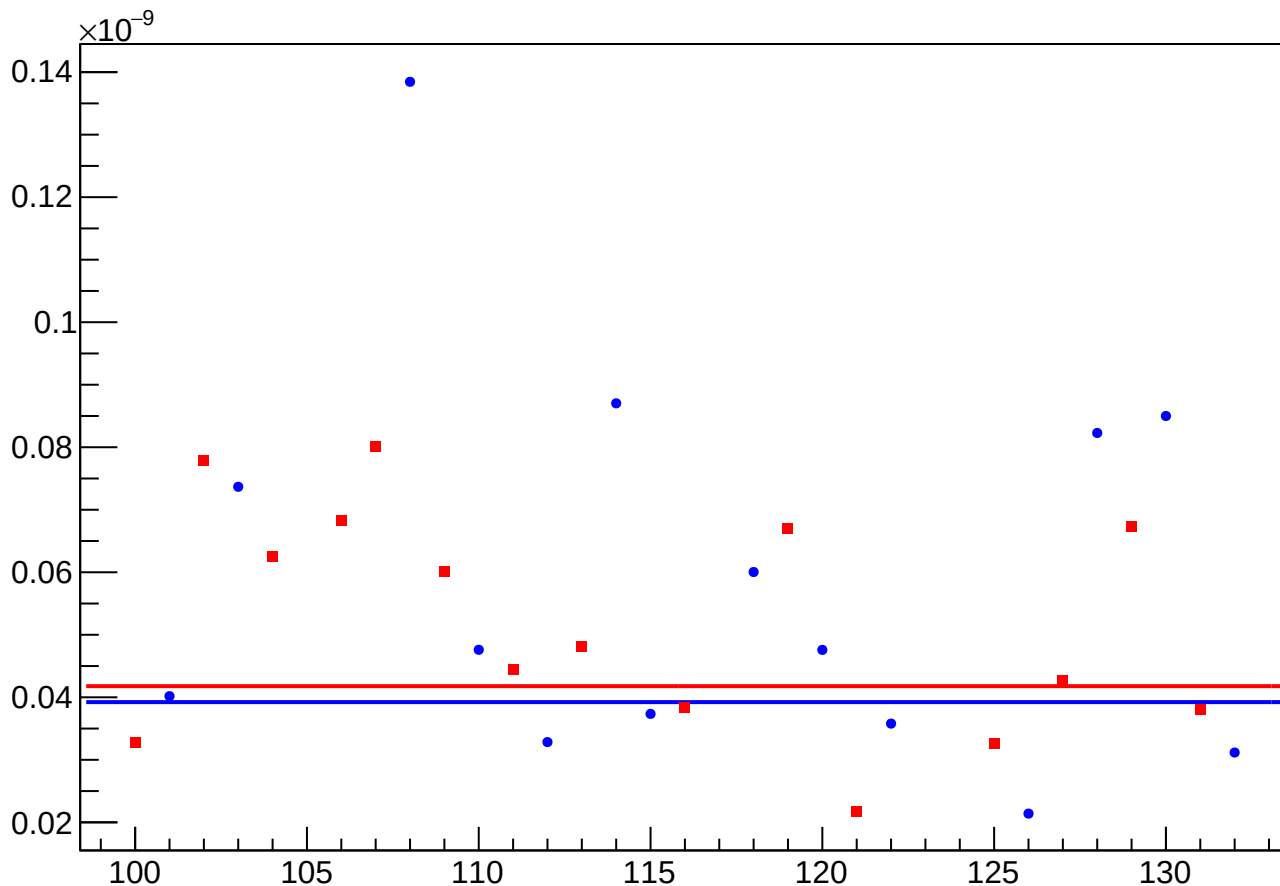
Right: -0.000+/-0.000 χ^2/NDF : 24.7/28

In: -0.000+/-0.000 χ^2/NDF : 9.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.7/28

asym_us_dd_at1lr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1409603.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1127453.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

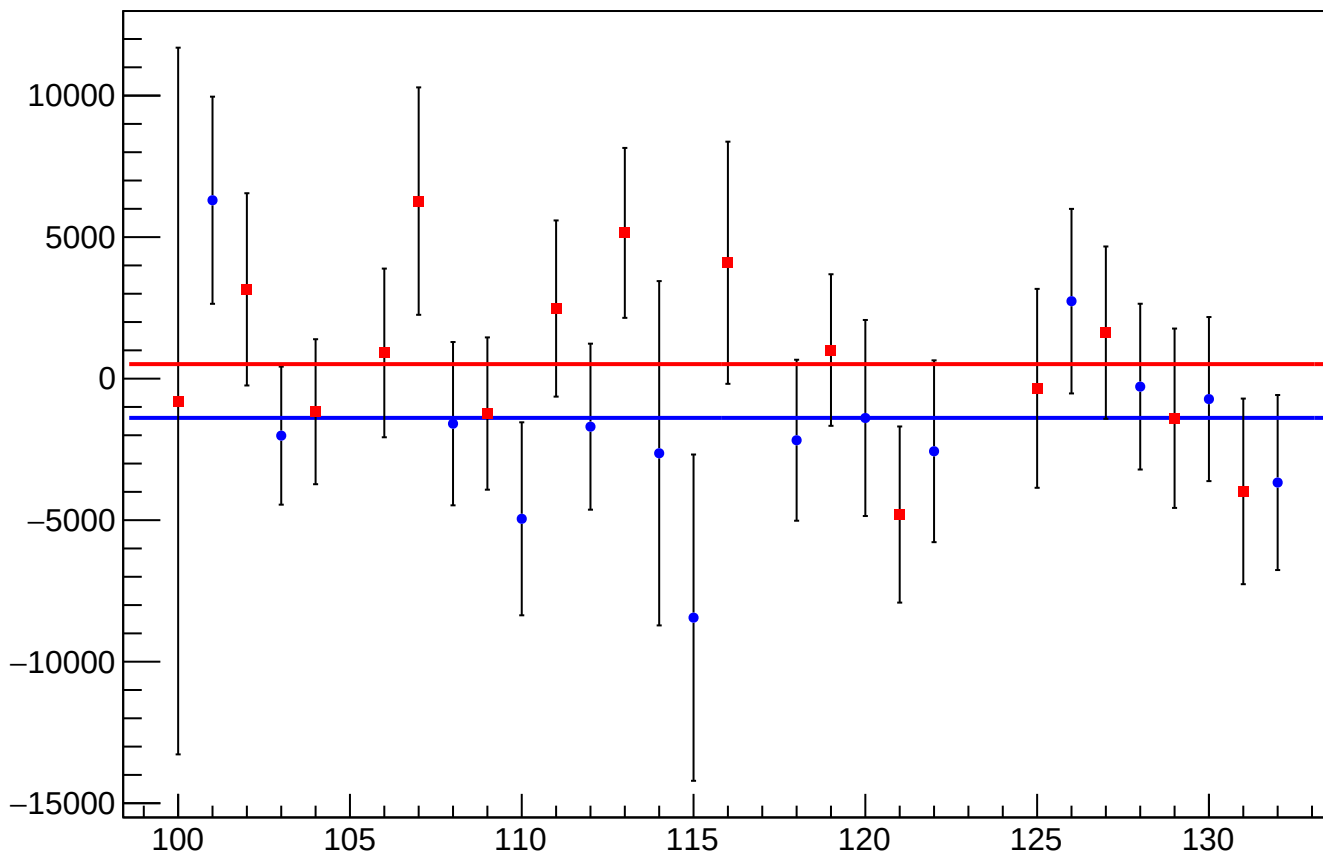
Right: 0.000+/-0.000 χ^2/NDF : 2550179.1/28

In: 0.000+/-0.000 χ^2/NDF : 1409603.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2550179.1/28

reg_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1386.401 ± 857.263 $\chi^2/\text{NDF}: 9.7/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 513.380 ± 830.044 $\chi^2/\text{NDF}: 12.4/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

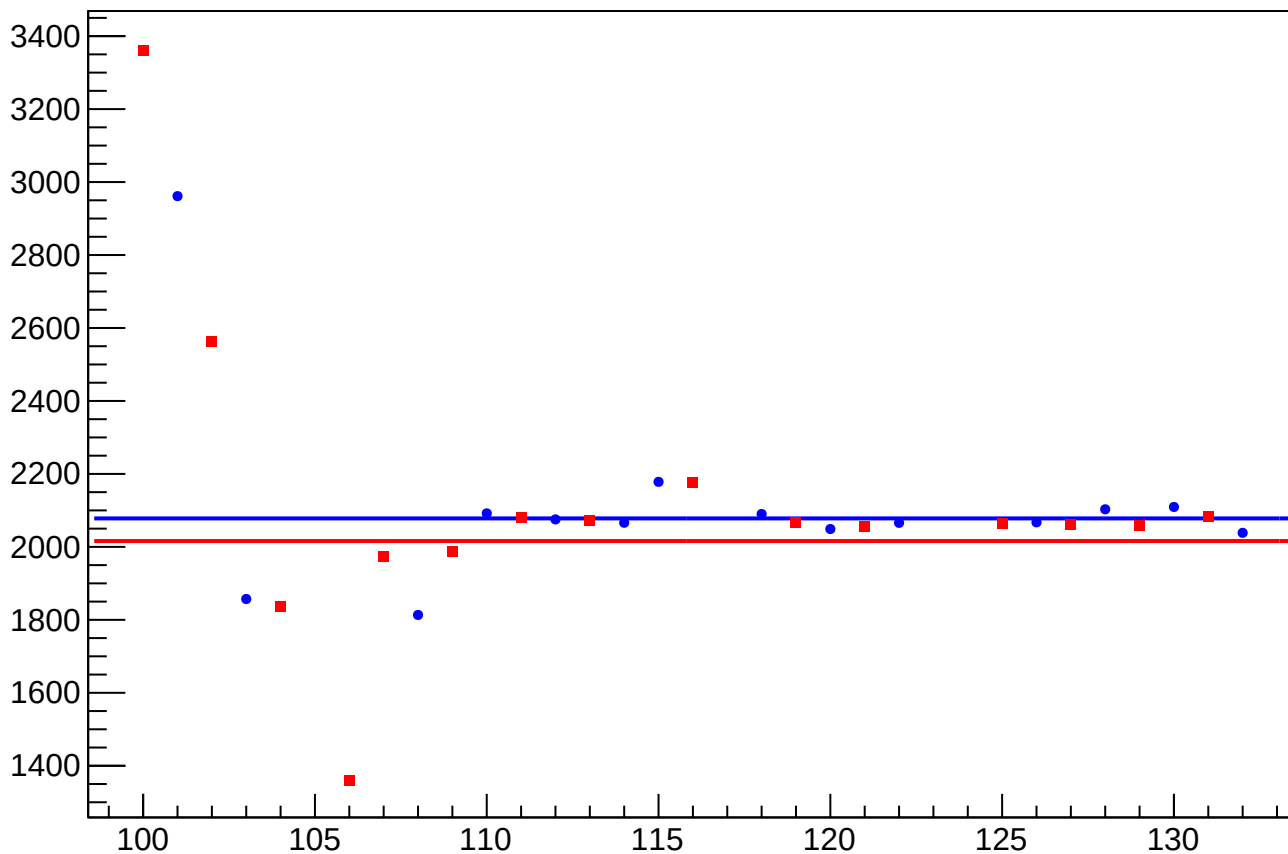
Right: -405.871 ± 596.320 $\chi^2/\text{NDF}: 24.6/28$

In: -1386.401 ± 857.263 $\chi^2/\text{NDF}: 9.7/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -405.871 ± 596.320 $\chi^2/\text{NDF}: 24.6/28$

reg_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2078.048+/-0.606 χ^2/NDF : 151376.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2016.091+/-0.587 χ^2/NDF : 189329.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

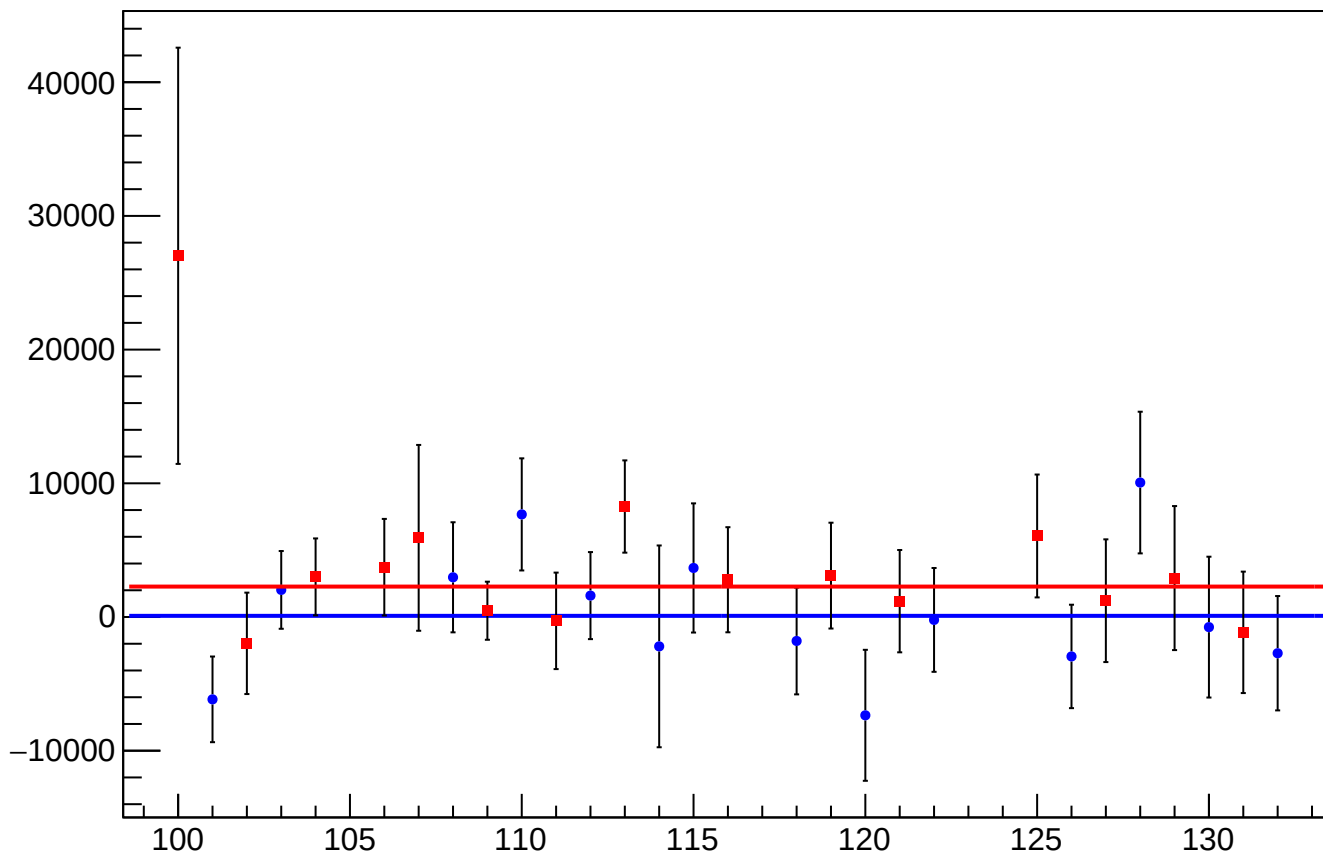
Right: 2046.070+/-0.422 χ^2/NDF : 346098.4/28

In: 2078.048+/-0.606 χ^2/NDF : 151376.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2046.070+/-0.422 χ^2/NDF : 346098.4/28

asym_us_dd_at2lr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 86.968 $\pm$ 1084.530 χ^2 /NDF: 16.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2275.801 $\pm$ 980.938 χ^2 /NDF: 9.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

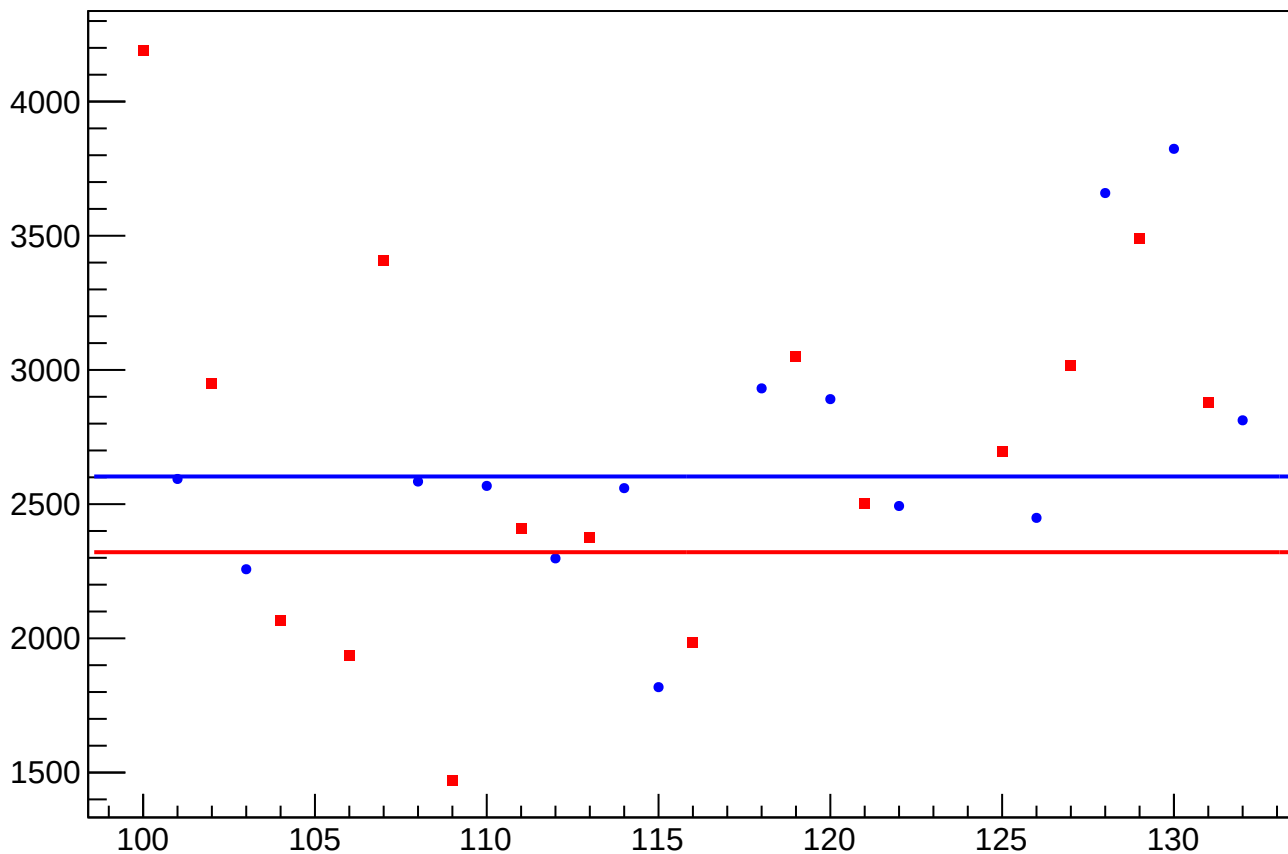
Right: 1290.888 $\pm$ 727.502 χ^2 /NDF: 28.2/28

In: 86.968 $\pm$ 1084.530 χ^2 /NDF:16.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1290.888 $\pm$ 727.502 χ^2 /NDF: 28.2/28

asym_us_dd_at2lr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2603.081+/-0.767 χ^2/NDF : 315803.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2320.980+/-0.694 χ^2/NDF : 750300.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

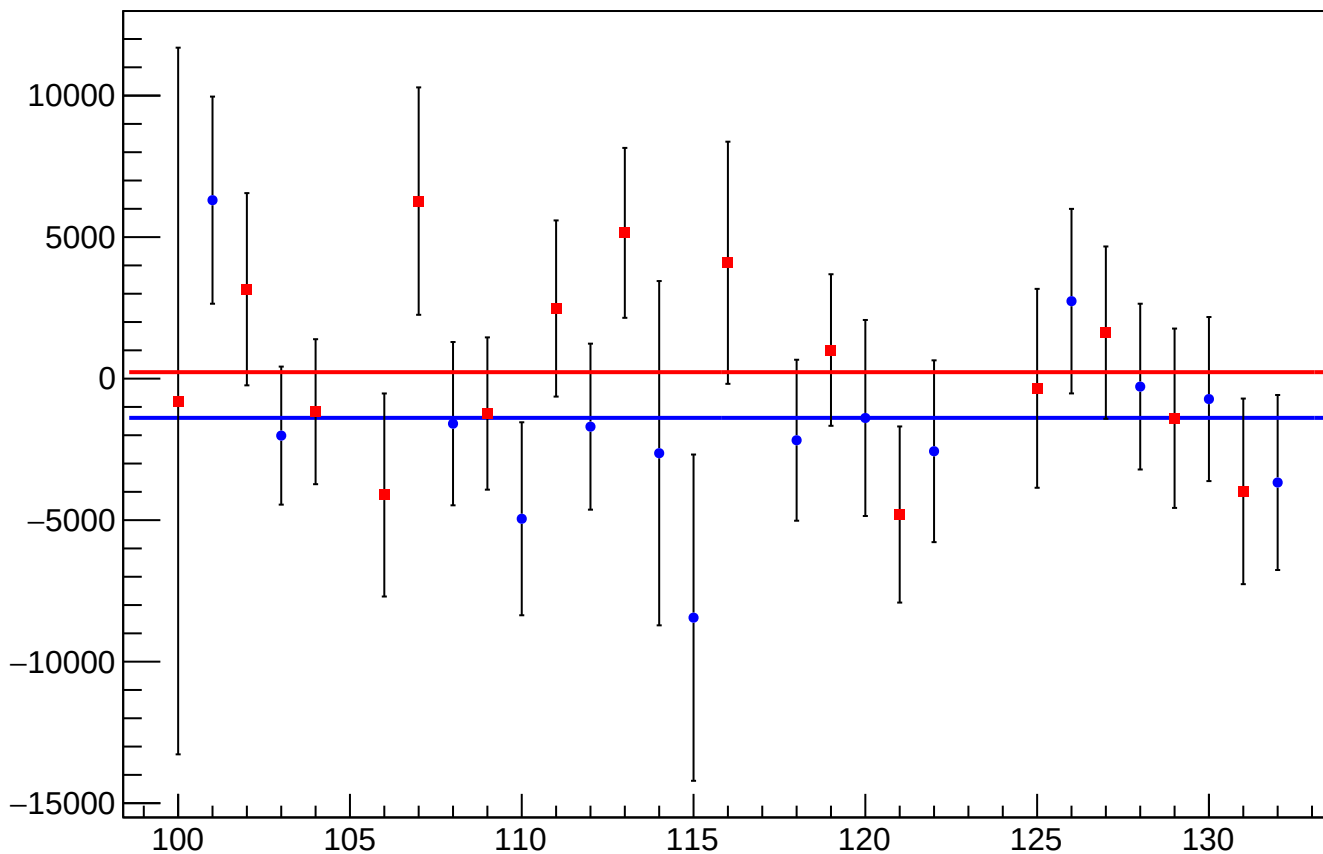
Right: 2447.917+/-0.514 χ^2/NDF : 1140532.7/28

In: 2603.081+/-0.767 χ^2/NDF : 315803.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2447.917+/-0.514 χ^2/NDF : 1140532.7/28

cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1386.216 $\pm$ 857.263 χ^2 /NDF: 9.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 228.552 $\pm$ 840.208 χ^2 /NDF: 13.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

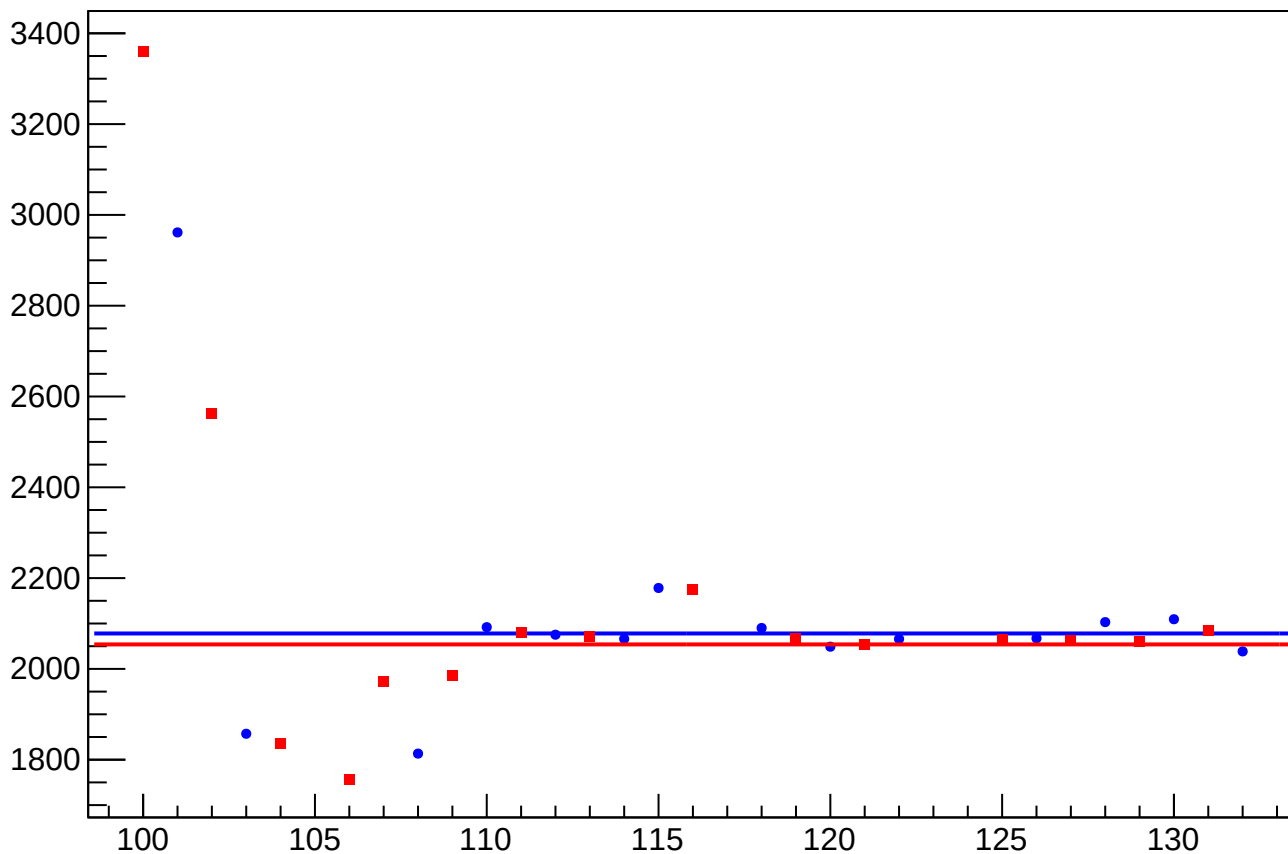
Right: -562.609 $\pm$ 600.056 χ^2 /NDF: 25.4/28

In: -1386.216 $\pm$ 857.263 χ^2 /NDF:9.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -562.609 $\pm$ 600.056 χ^2 /NDF: 25.4/28

cor_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2078.048+/-0.606 χ^2/NDF : 151376.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2053.915+/-0.594 χ^2/NDF : 99095.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

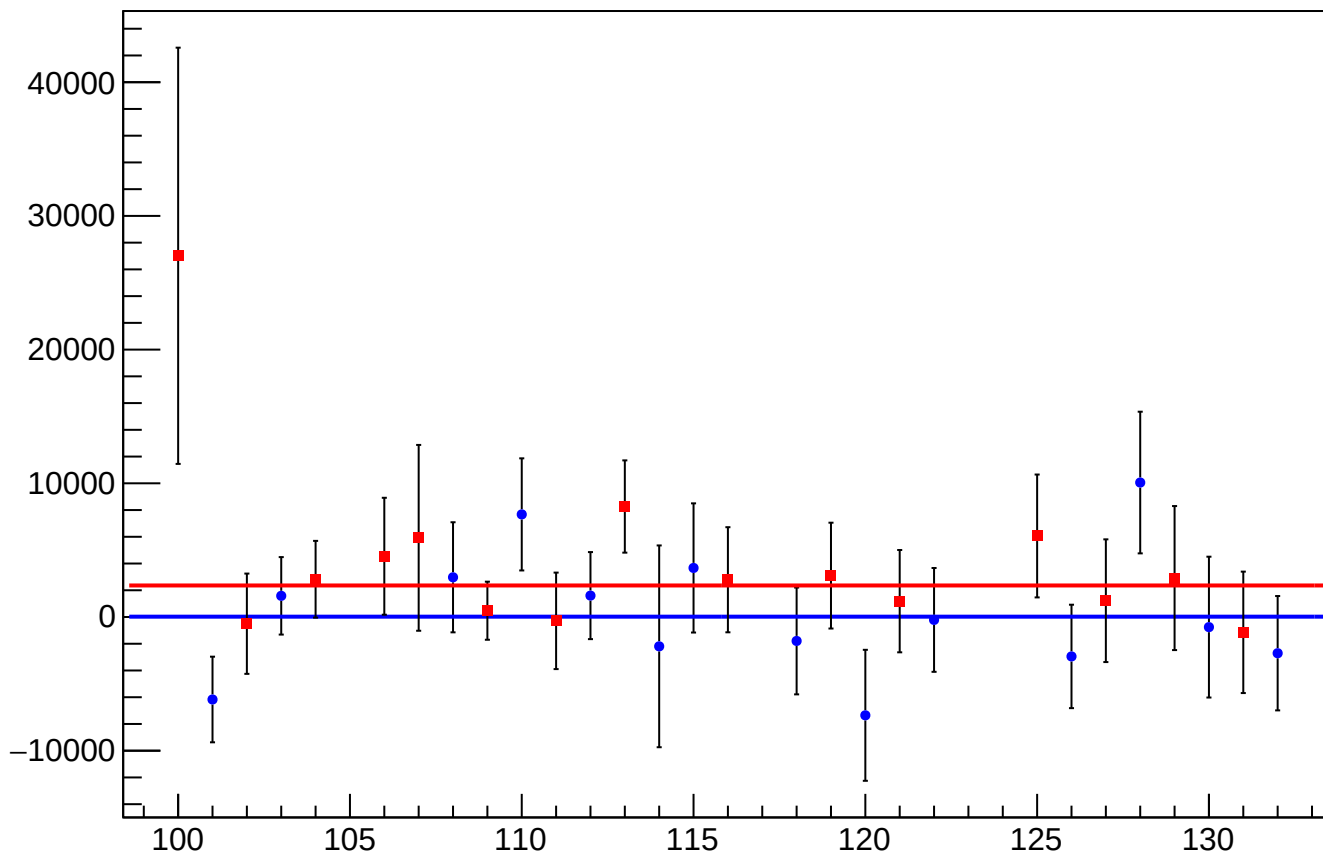
Right: 2065.739+/-0.424 χ^2/NDF : 251280.5/28

In: 2078.048+/-0.606 χ^2/NDF : 151376.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2065.739+/-0.424 χ^2/NDF : 251280.5/28

asym_us_dd_at2lr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 25.111+/-1083.947 χ^2/NDF : 15.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2358.888+/-991.561 χ^2/NDF : 9.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

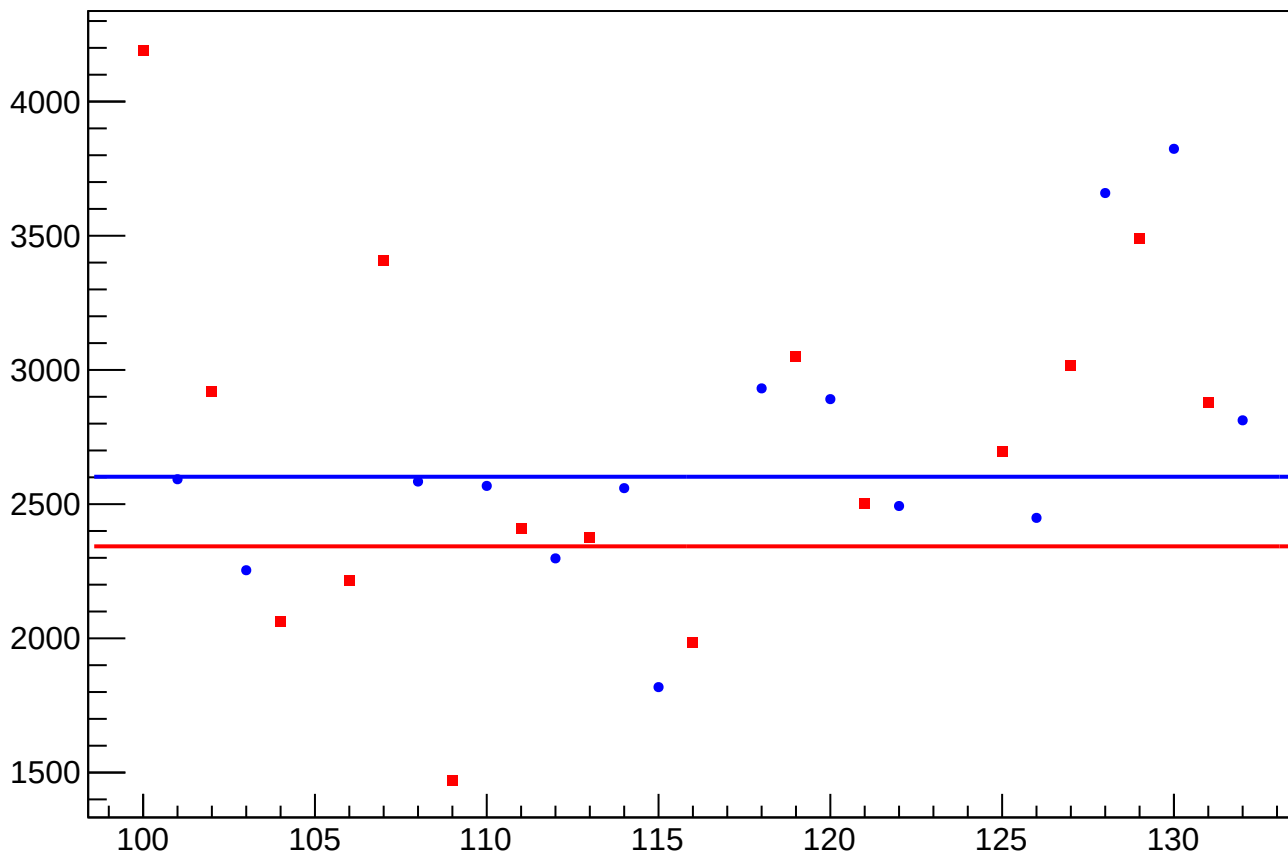
Right: 1295.676+/-731.625 χ^2/NDF : 27.7/28

In: 25.111+/-1083.947 χ^2/NDF : 15.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1295.676+/-731.625 χ^2/NDF : 27.7/28

asym_us_dd_at2lr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2602.113+/-0.766 χ^2/NDF : 316603.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2342.792+/-0.701 χ^2/NDF : 724574.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

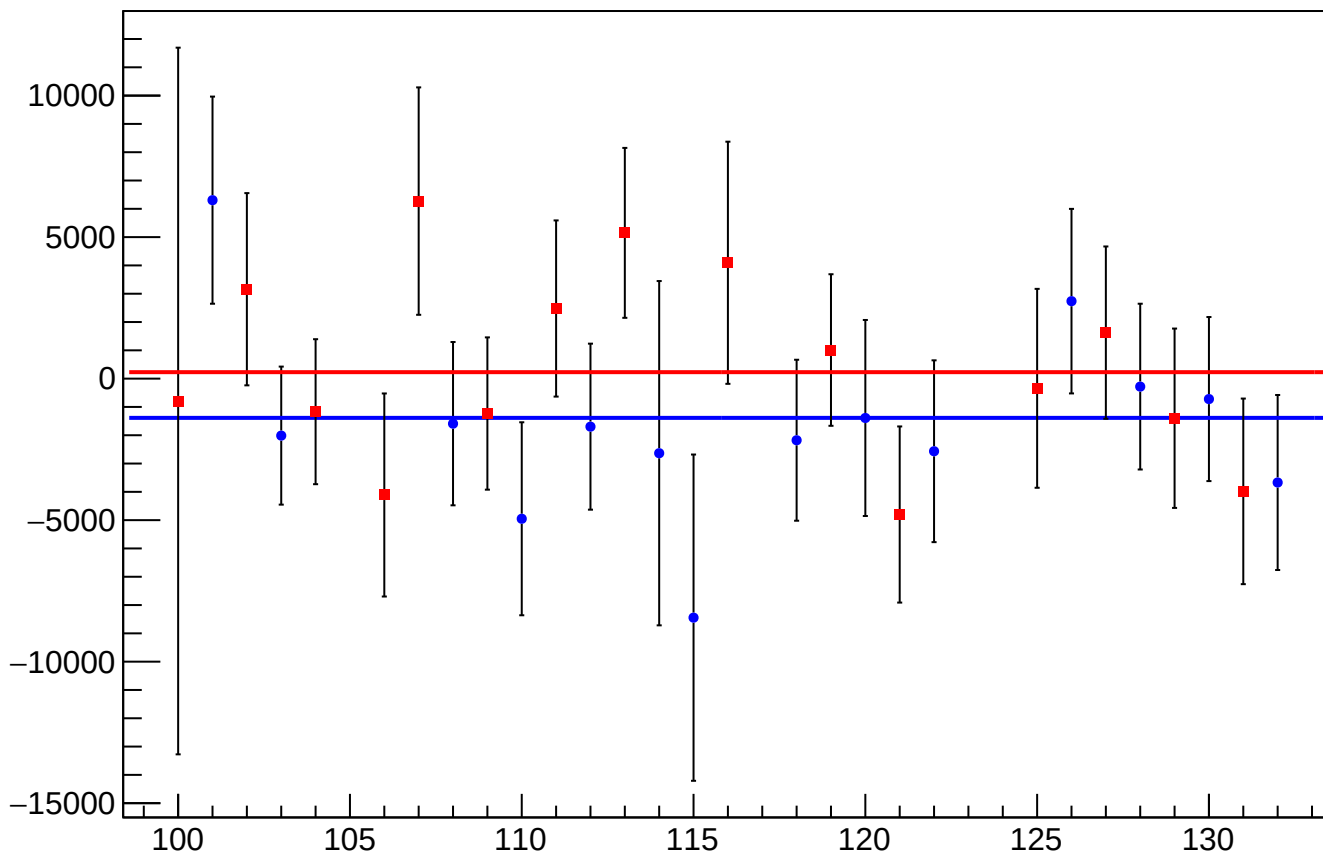
Right: 2460.932+/-0.517 χ^2/NDF : 1103497.2/28

In: 2602.113+/-0.766 χ^2/NDF : 316603.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2460.932+/-0.517 χ^2/NDF : 1103497.2/28

eigen_cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1386.216 $\pm$ 857.263 χ^2 /NDF: 9.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 228.552 $\pm$ 840.208 χ^2 /NDF: 13.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

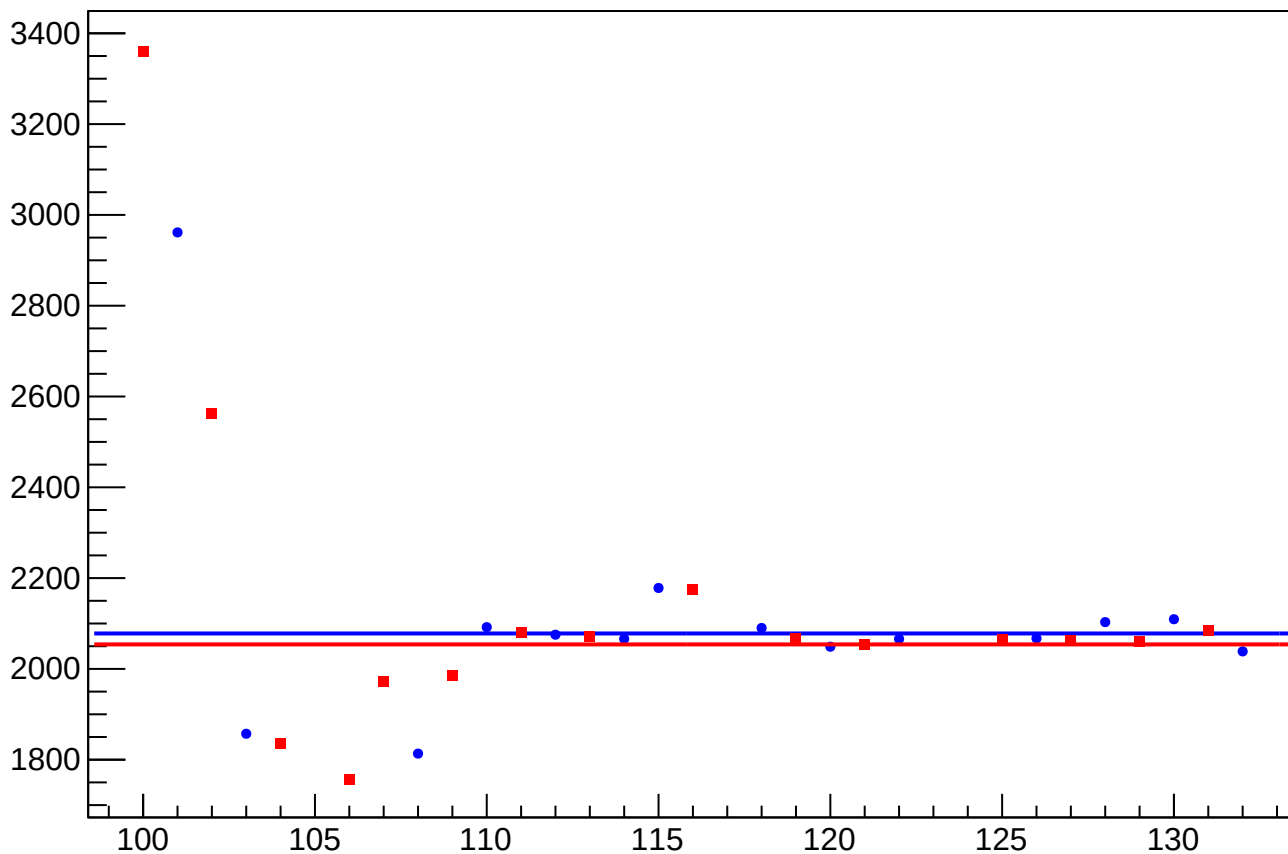
Right: -562.609 $\pm$ 600.056 χ^2 /NDF: 25.4/28

In: -1386.216 $\pm$ 857.263 χ^2 /NDF:9.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -562.609 $\pm$ 600.056 χ^2 /NDF: 25.4/28

eigen_cor_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2078.048+/-0.606 χ^2/NDF : 151376.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2053.915+/-0.594 χ^2/NDF : 99095.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

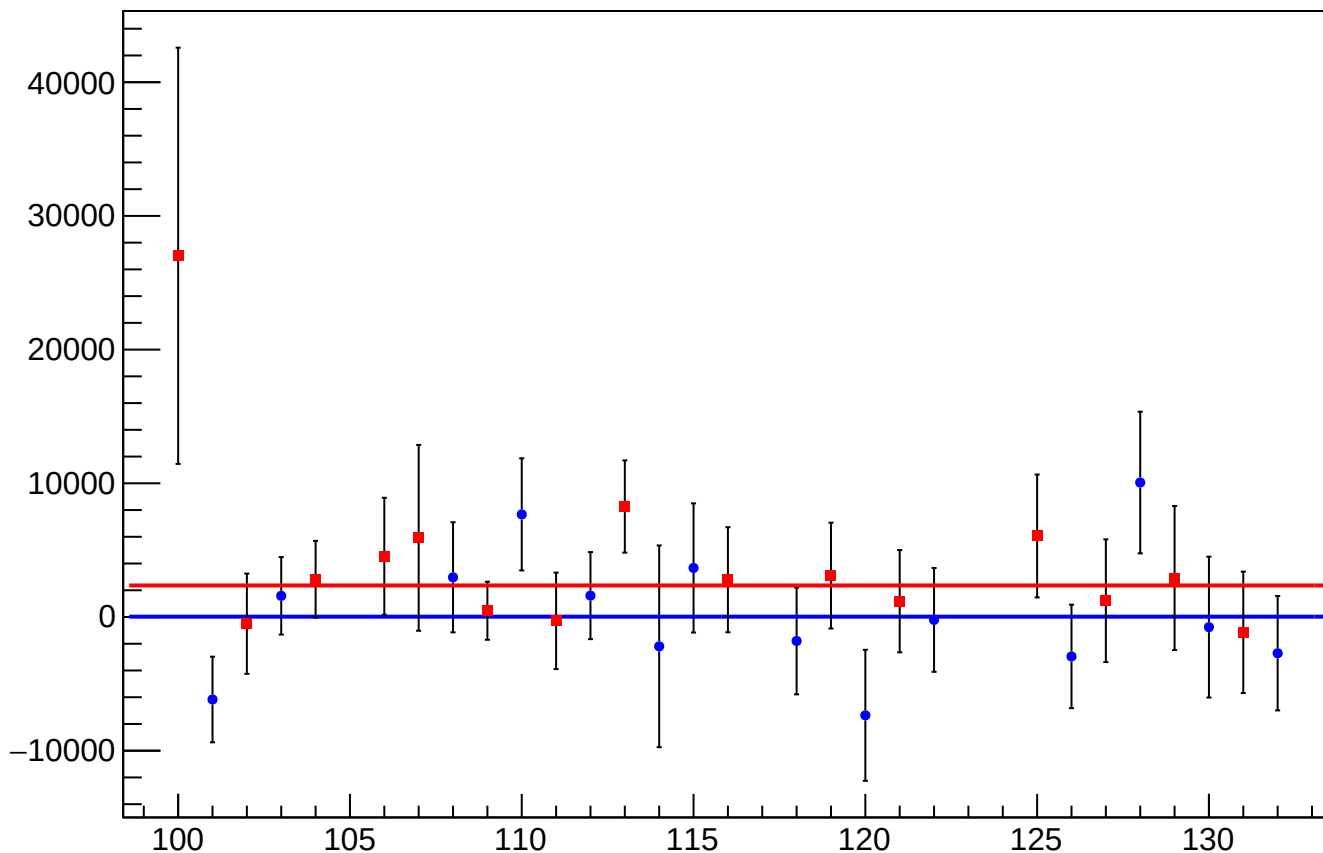
Right: 2065.739+/-0.424 χ^2/NDF : 251280.5/28

In: 2078.048+/-0.606 χ^2/NDF : 151376.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2065.739+/-0.424 χ^2/NDF : 251280.5/28

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 25.111+/-1083.947 χ^2/NDF : 15.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2358.888+/-991.561 χ^2/NDF : 9.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

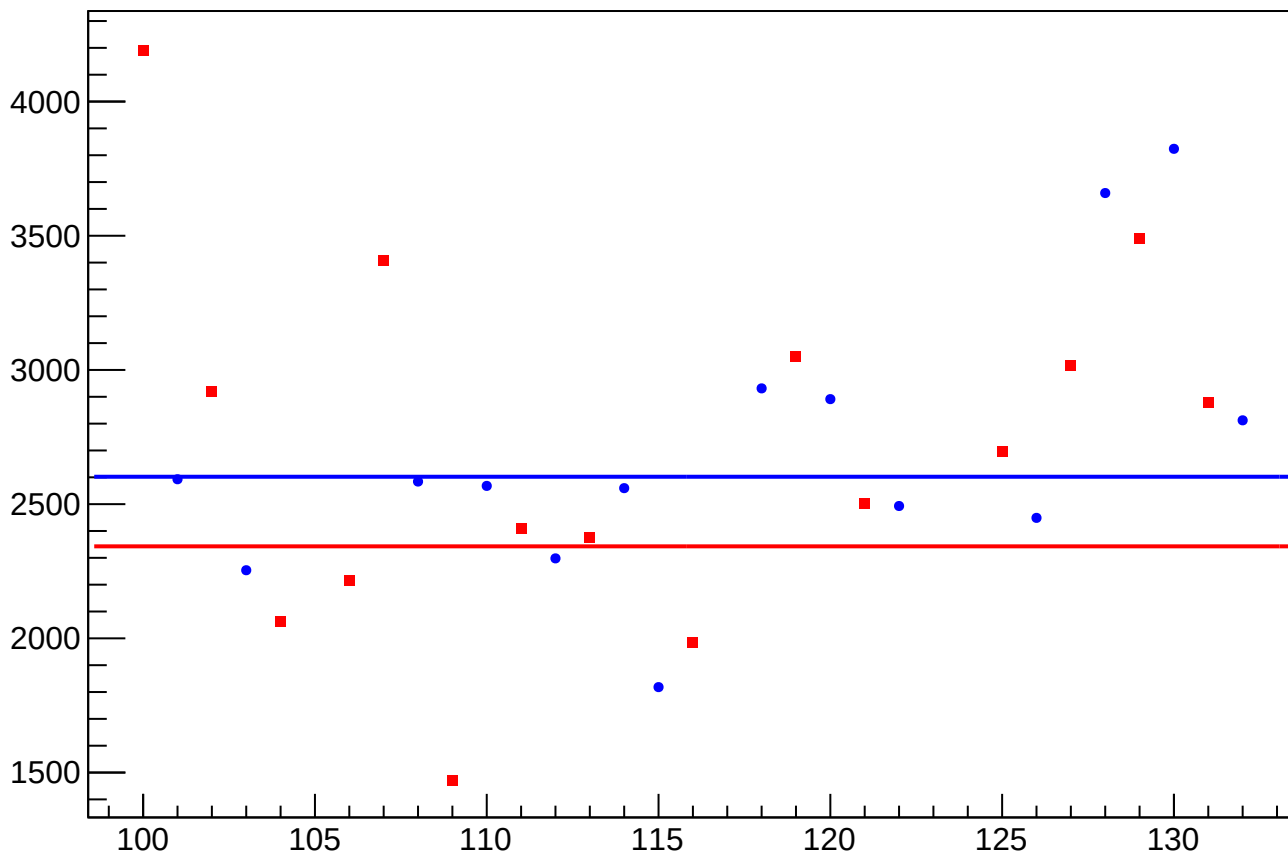
Right: 1295.676+/-731.625 χ^2/NDF : 27.7/28

In: 25.111+/-1083.947 χ^2/NDF : 15.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1295.676+/-731.625 χ^2/NDF : 27.7/28

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2602.113+/-0.766 χ^2/NDF : 316603.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2342.792+/-0.701 χ^2/NDF : 724574.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

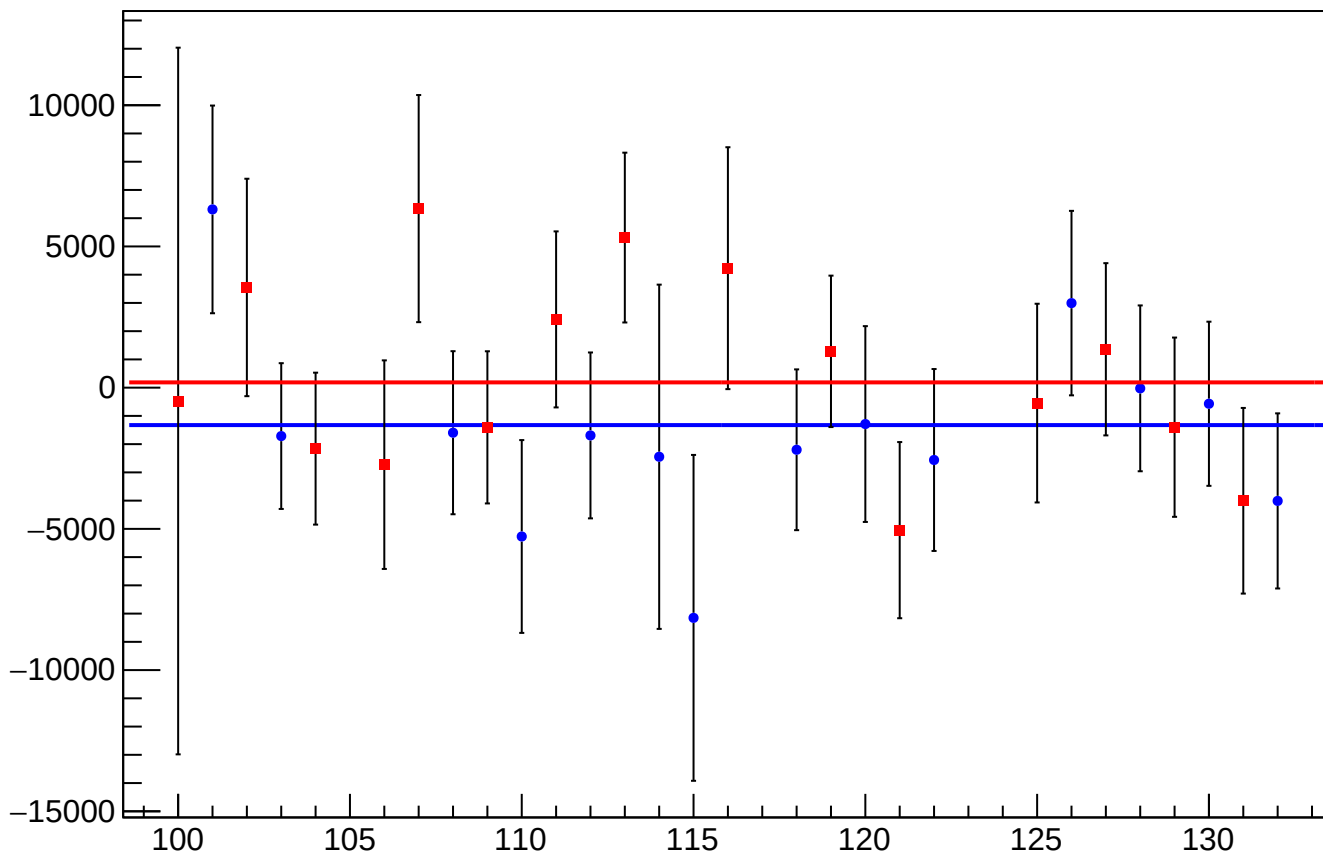
Right: 2460.932+/-0.517 χ^2/NDF : 1103497.2/28

In: 2602.113+/-0.766 χ^2/NDF : 316603.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2460.932+/-0.517 χ^2/NDF : 1103497.2/28

dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1325.395 $\pm$ 864.474 χ^2 /NDF: 10.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 186.495 $\pm$ 852.684 χ^2 /NDF: 14.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

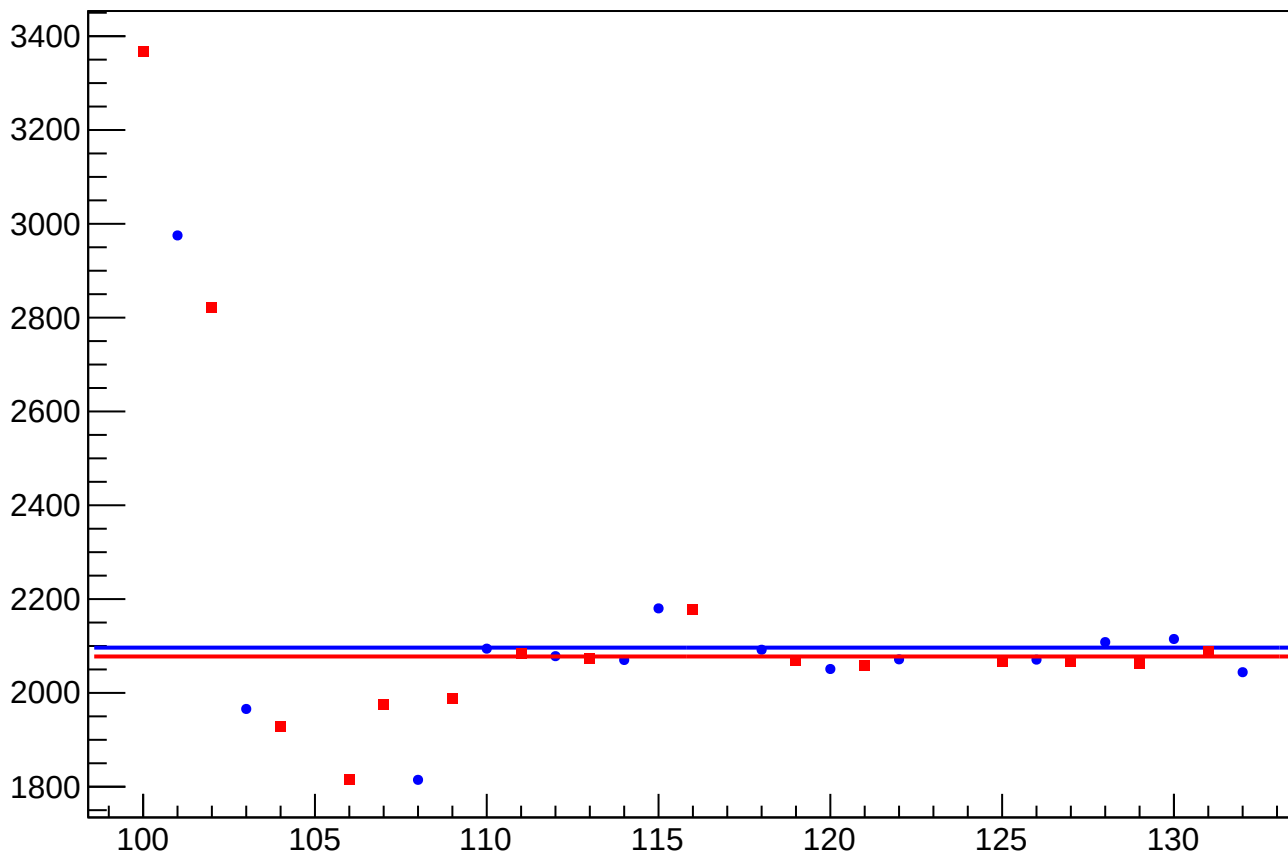
Right: -559.070 $\pm$ 607.064 χ^2 /NDF: 25.9/28

In: -1325.395 $\pm$ 864.474 χ^2 /NDF:10.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -559.070 $\pm$ 607.064 χ^2 /NDF: 25.9/28

dit_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2096.528+/-0.611 χ^2 /NDF: 140235.3/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2077.641+/-0.603 χ^2 /NDF: 116924.5/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

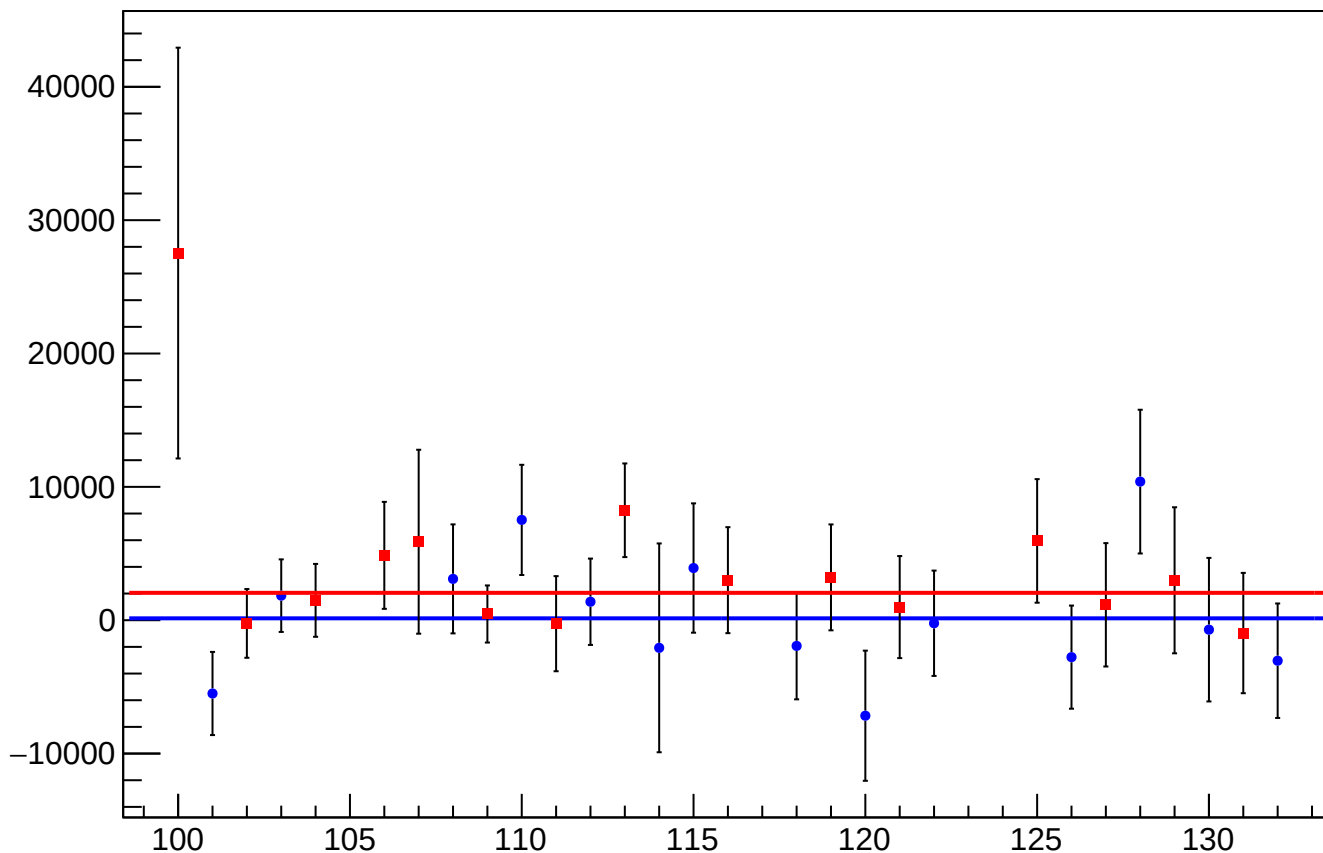
Right: 2086.955+/-0.429 χ^2 /NDF: 257643.7/28

In: 2096.528+/-0.611 χ^2 /NDF:140235.3/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2086.955+/-0.429 χ^2 /NDF: 257643.7/28

asym_us_dd_at2lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 140.626+/-1072.739 χ^2/NDF : 15.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2052.616+/-944.805 χ^2/NDF : 9.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

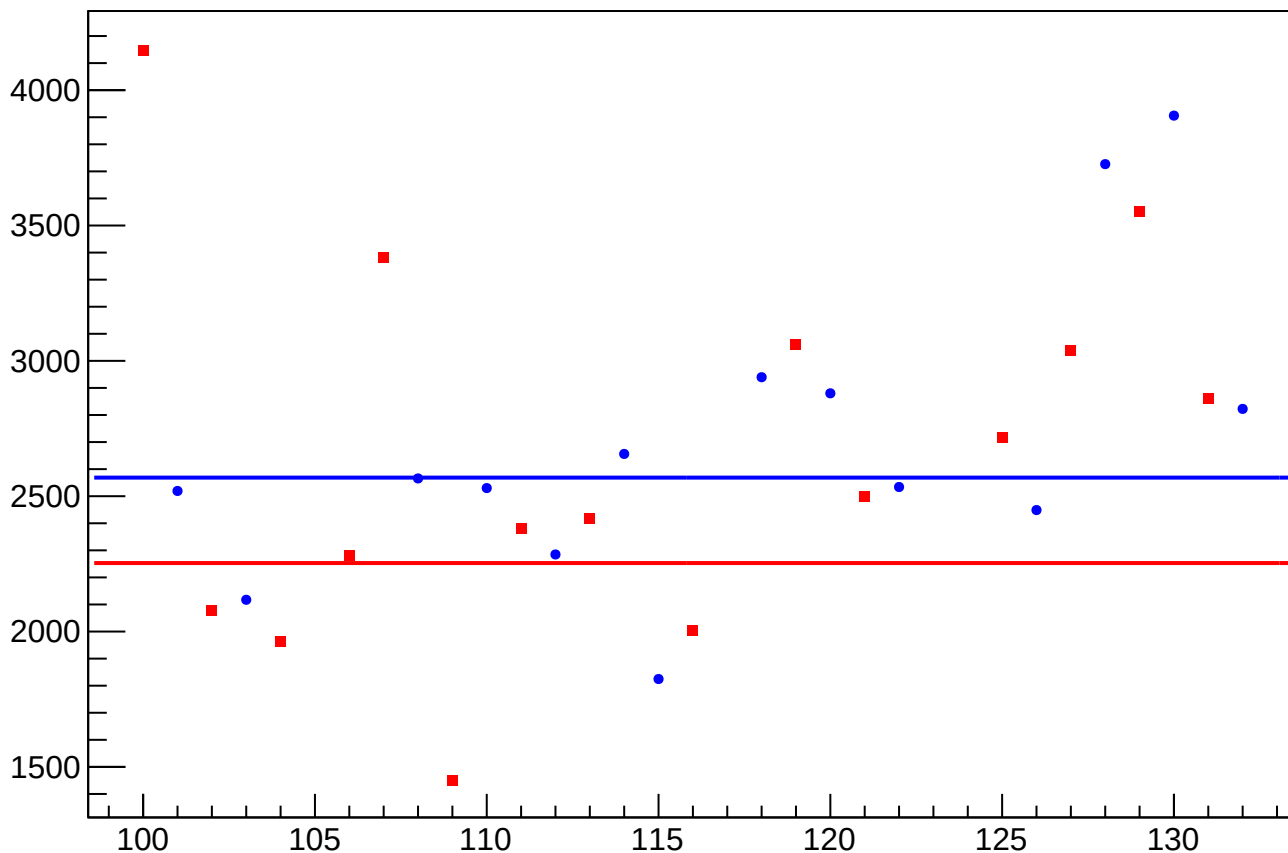
Right: 1217.376+/-709.017 χ^2/NDF : 27.2/28

In: 140.626+/-1072.739 χ^2/NDF : 15.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1217.376+/-709.017 χ^2/NDF : 27.2/28

asym_us_dd_at2lr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2568.695+/-0.759 χ^2/NDF : 368538.9/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2253.063+/-0.668 χ^2/NDF : 729133.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

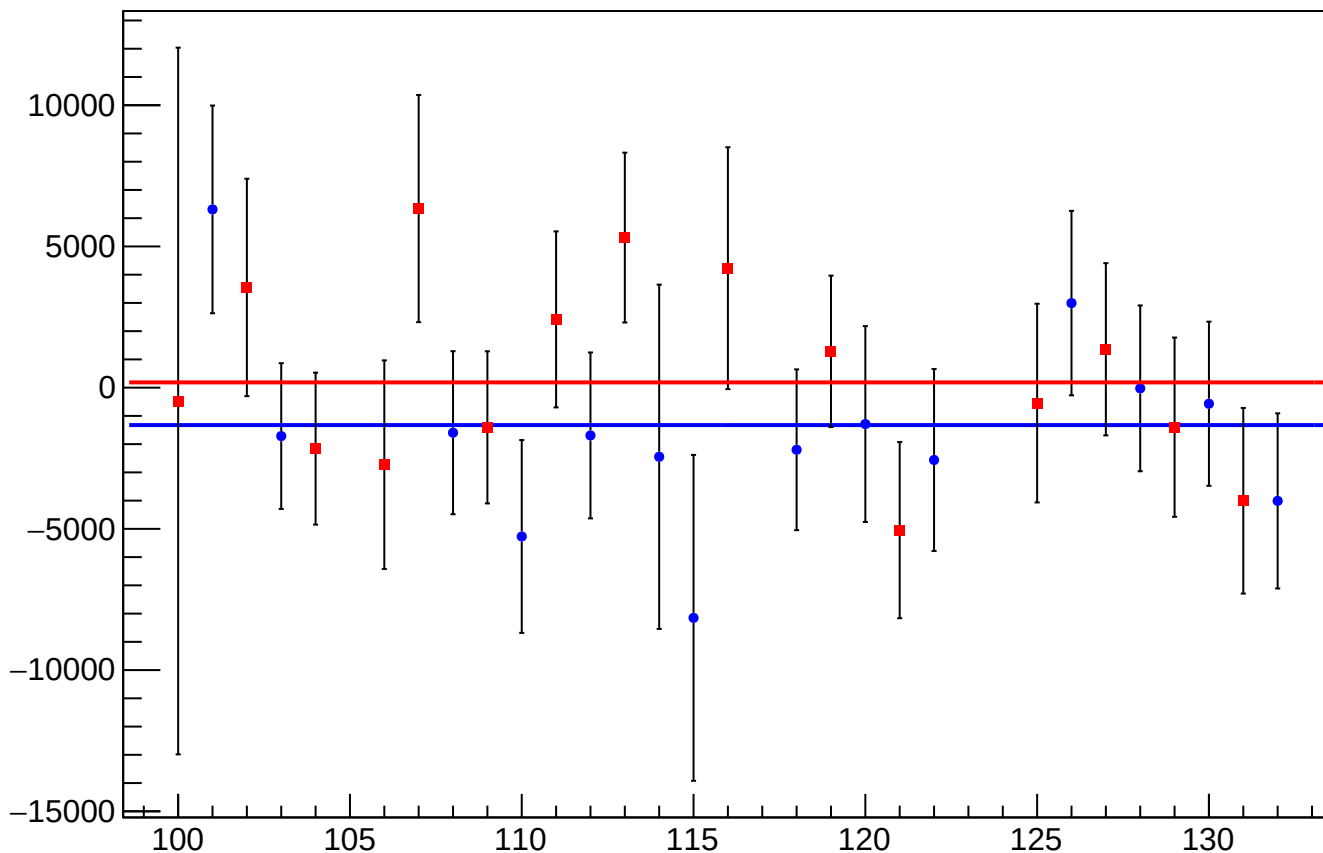
Right: 2390.945+/-0.501 χ^2/NDF : 1195178.5/28

In: 2568.695+/-0.759 χ^2/NDF :368538.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2390.945+/-0.501 χ^2/NDF : 1195178.5/28

eigen_dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1325.389 $\pm$ 864.474 χ^2 /NDF: 10.1/13

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 186.489 $\pm$ -852.684 χ^2 /NDF: 14.2/14

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

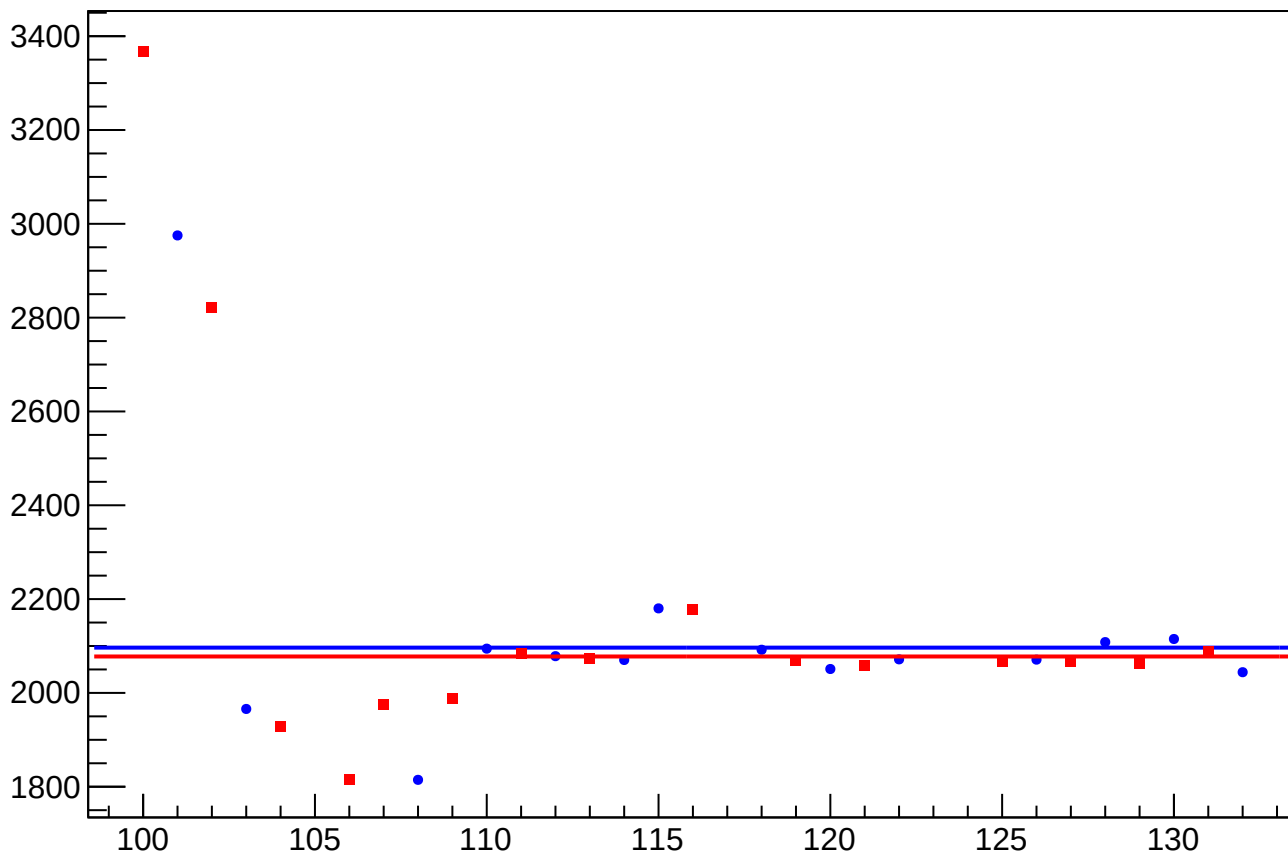
Right: -559.070 $\pm$ -607.064 χ^2 /NDF: 25.9/28

In: -1325.389 $\pm$ -864.474 χ^2 /NDF:10.1/13

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: -559.070 $\pm$ -607.064 χ^2 /NDF: 25.9/28

eigen_dit_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2096.528+/-0.611 χ^2/NDF : 140235.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2077.641+/-0.603 χ^2/NDF : 116924.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

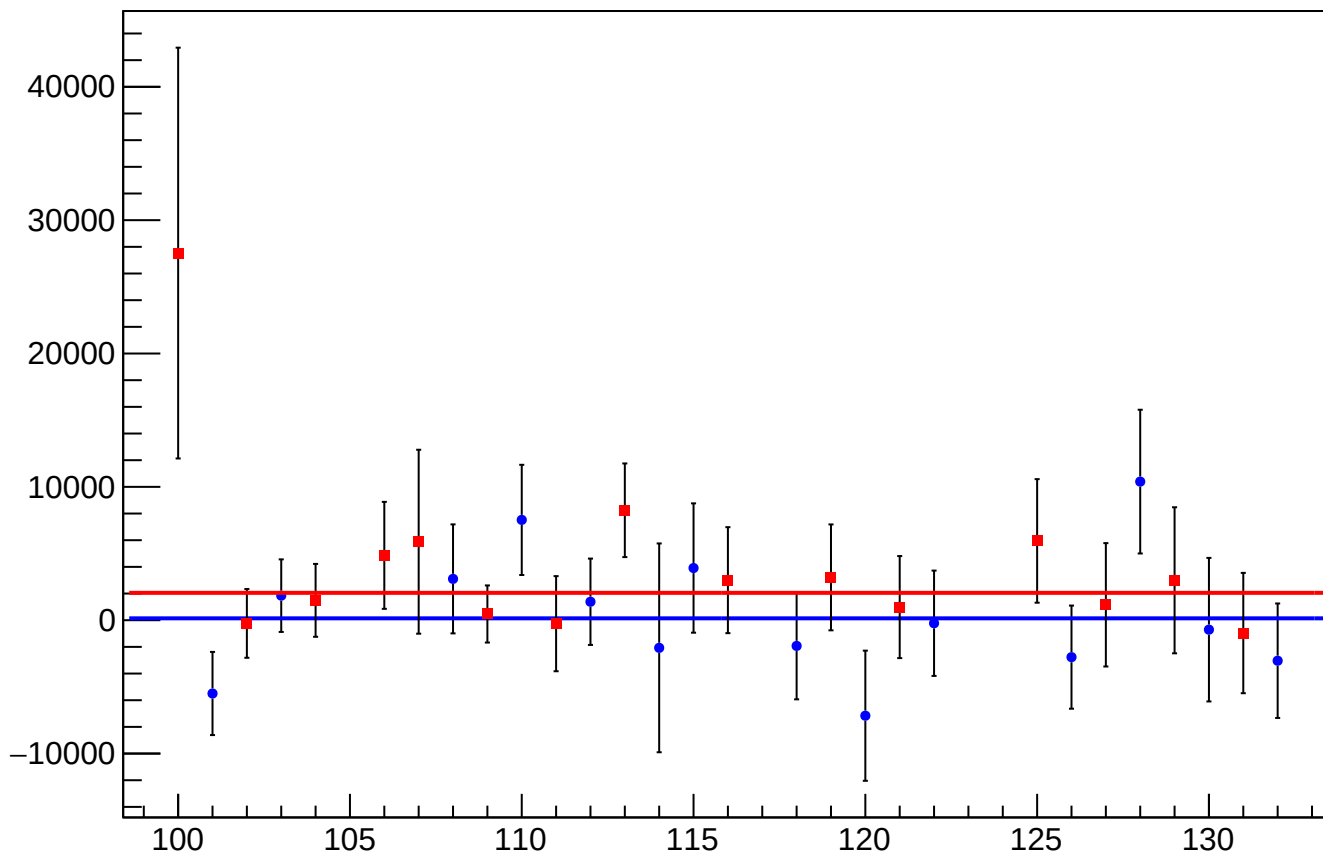
Right: 2086.955+/-0.429 χ^2/NDF : 257643.5/28

In: 2096.528+/-0.611 χ^2/NDF :140235.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2086.955+/-0.429 χ^2/NDF : 257643.5/28

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 140.624+/-1072.736 χ^2/NDF : 15.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2052.619+/-944.805 χ^2/NDF : 9.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

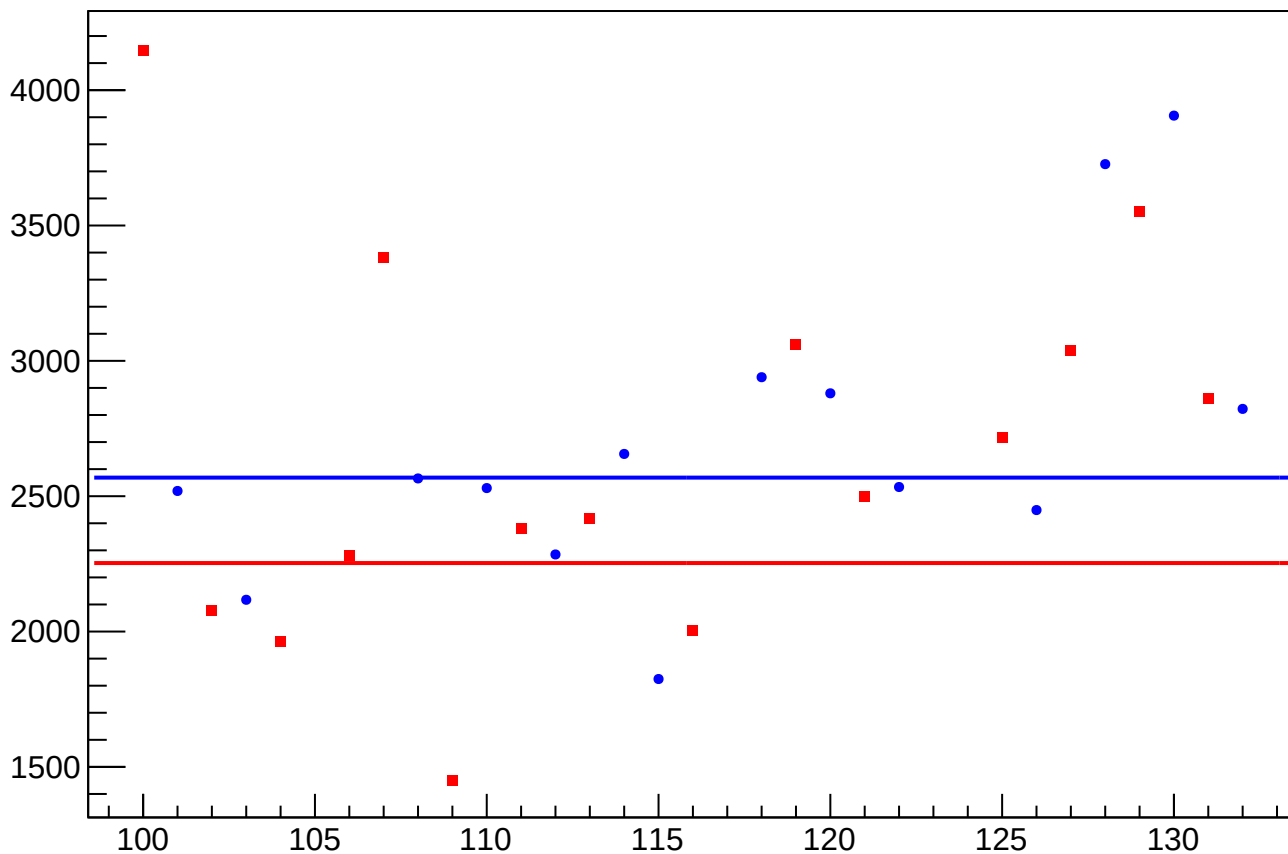
Right: 1217.374+/-709.017 χ^2/NDF : 27.2/28

In: 140.624+/-1072.736 χ^2/NDF : 15.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1217.374+/-709.017 χ^2/NDF : 27.2/28

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2568.689+/-0.759 χ^2/NDF : 368530.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2253.066+/-0.668 χ^2/NDF : 729113.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

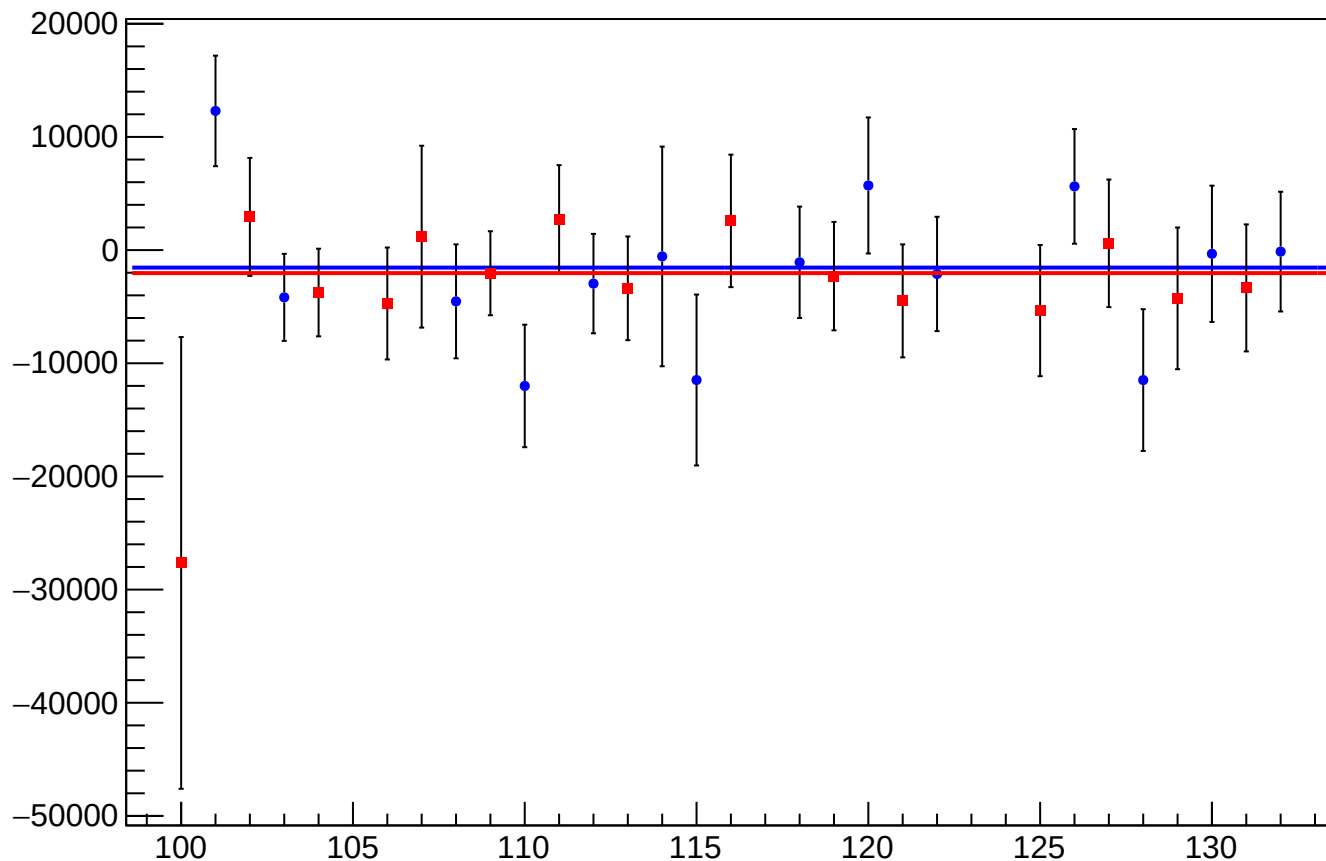
Right: 2390.944+/-0.501 χ^2/NDF : 1195144.8/28

In: 2568.689+/-0.759 χ^2/NDF : 368530.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2390.944+/-0.501 χ^2/NDF : 1195144.8/28

asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1547.767+/-1415.576 χ^2/NDF : 20.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2034.433+/-1338.798 χ^2/NDF : 5.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

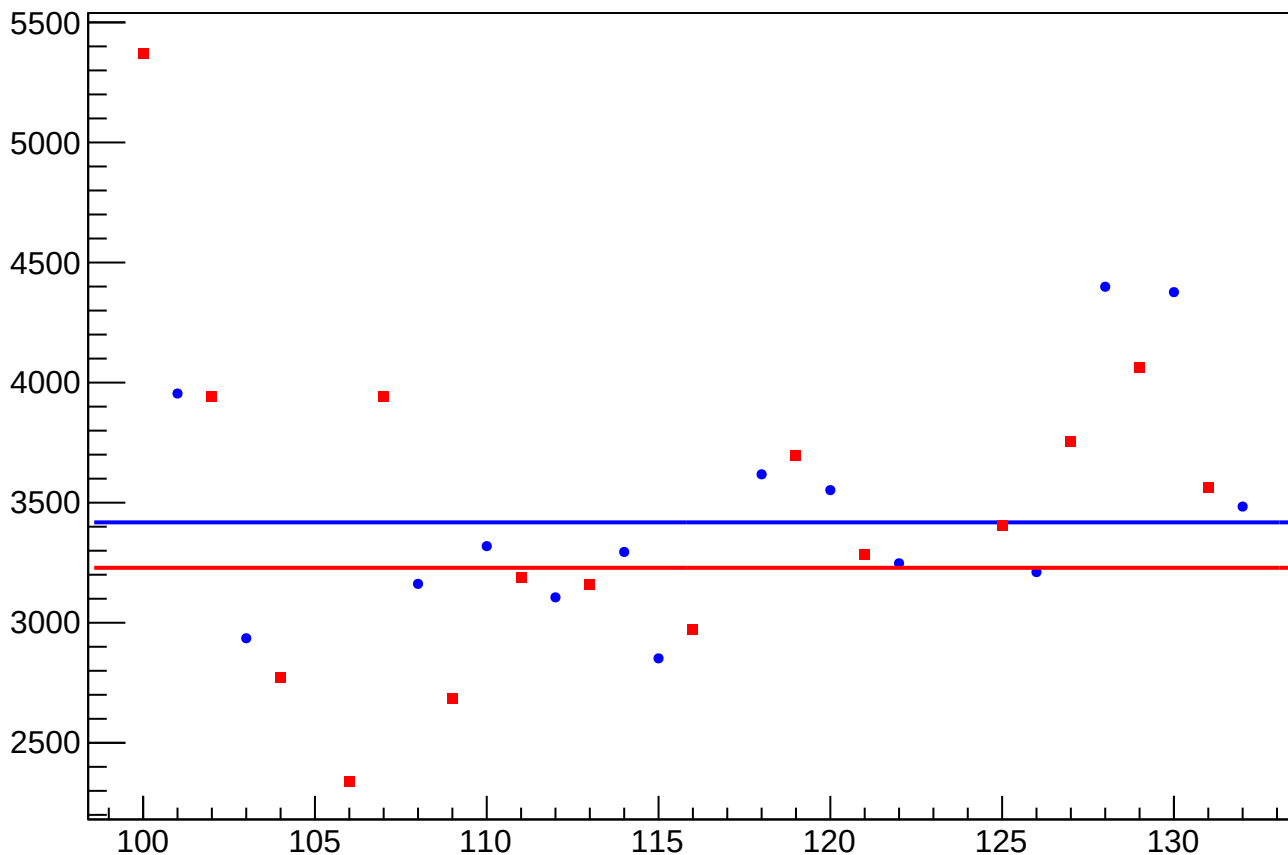
Right: -1804.655+/-972.684 χ^2/NDF : 26.5/28

In: -1547.767+/-1415.576 χ^2/NDF : 20.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1804.655+/-972.684 χ^2/NDF : 26.5/28

asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3418.010+/-1.001 χ^2/NDF : 193164.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3228.842+/-0.947 χ^2/NDF : 297551.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

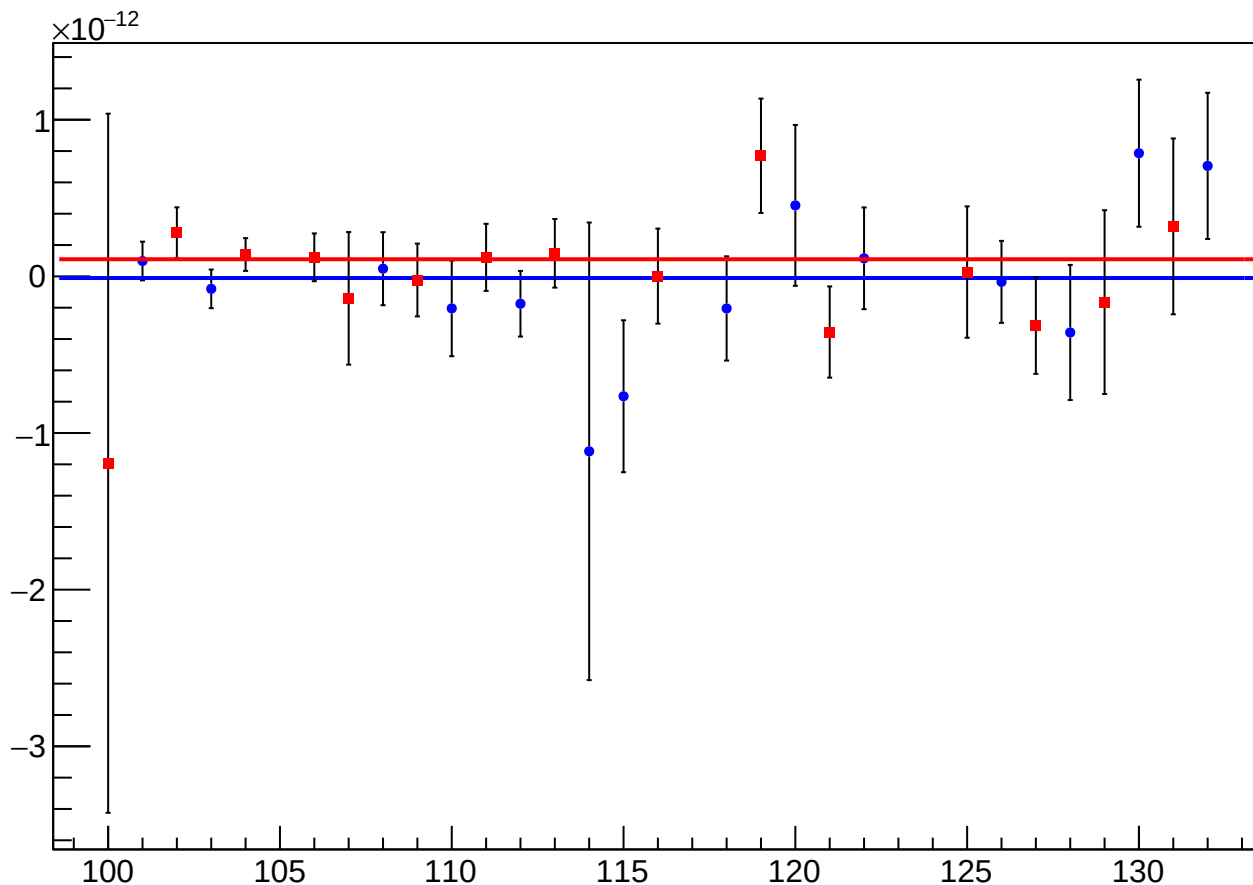
Right: 3318.155+/-0.688 χ^2/NDF : 509568.1/28

In: 3418.010+/-1.001 χ^2/NDF : 193164.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3318.155+/-0.688 χ^2/NDF : 509568.1/28

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

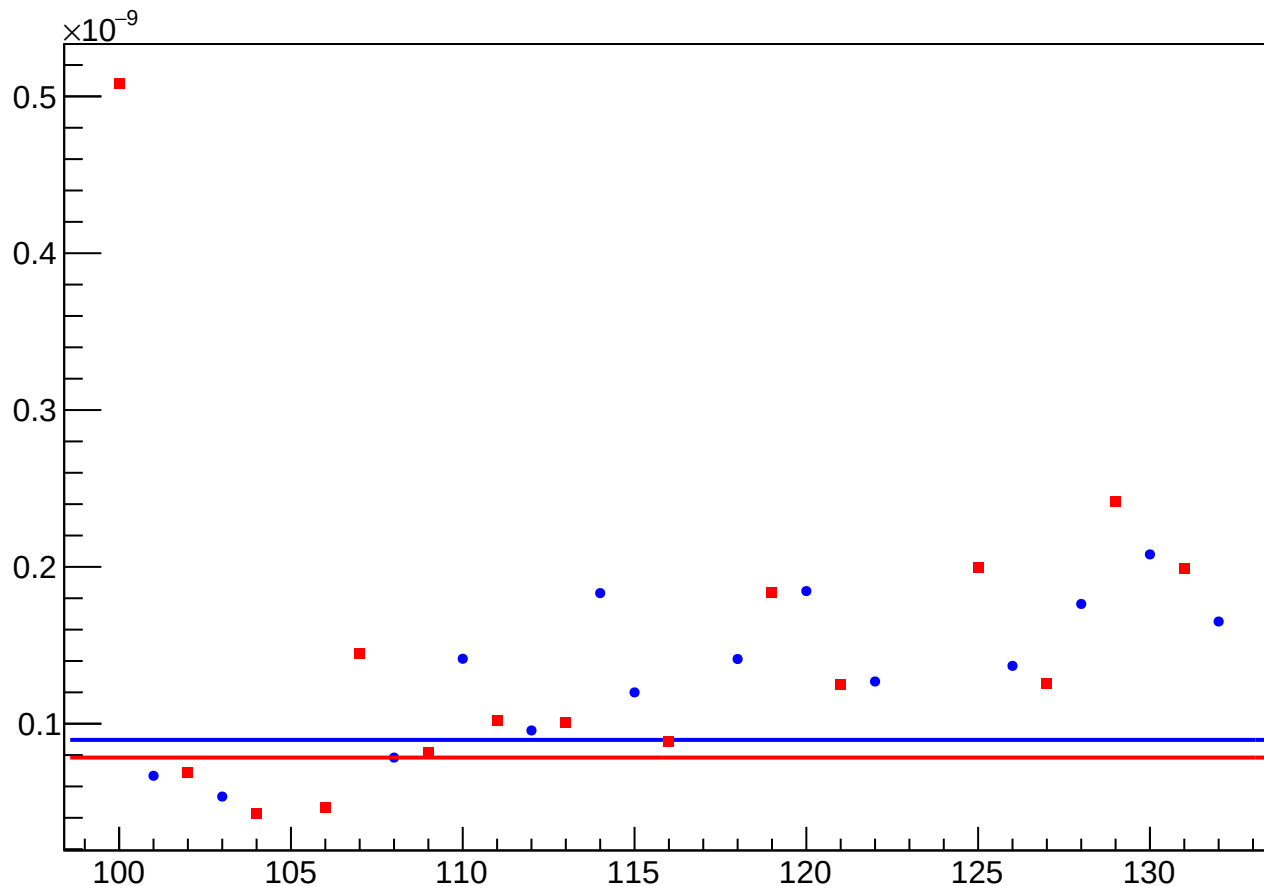
Right: 0.000+/-0.000 χ^2/NDF : 24.7/28

In: -0.000+/-0.000 χ^2/NDF : 12.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.7/28

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 787749.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1177347.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

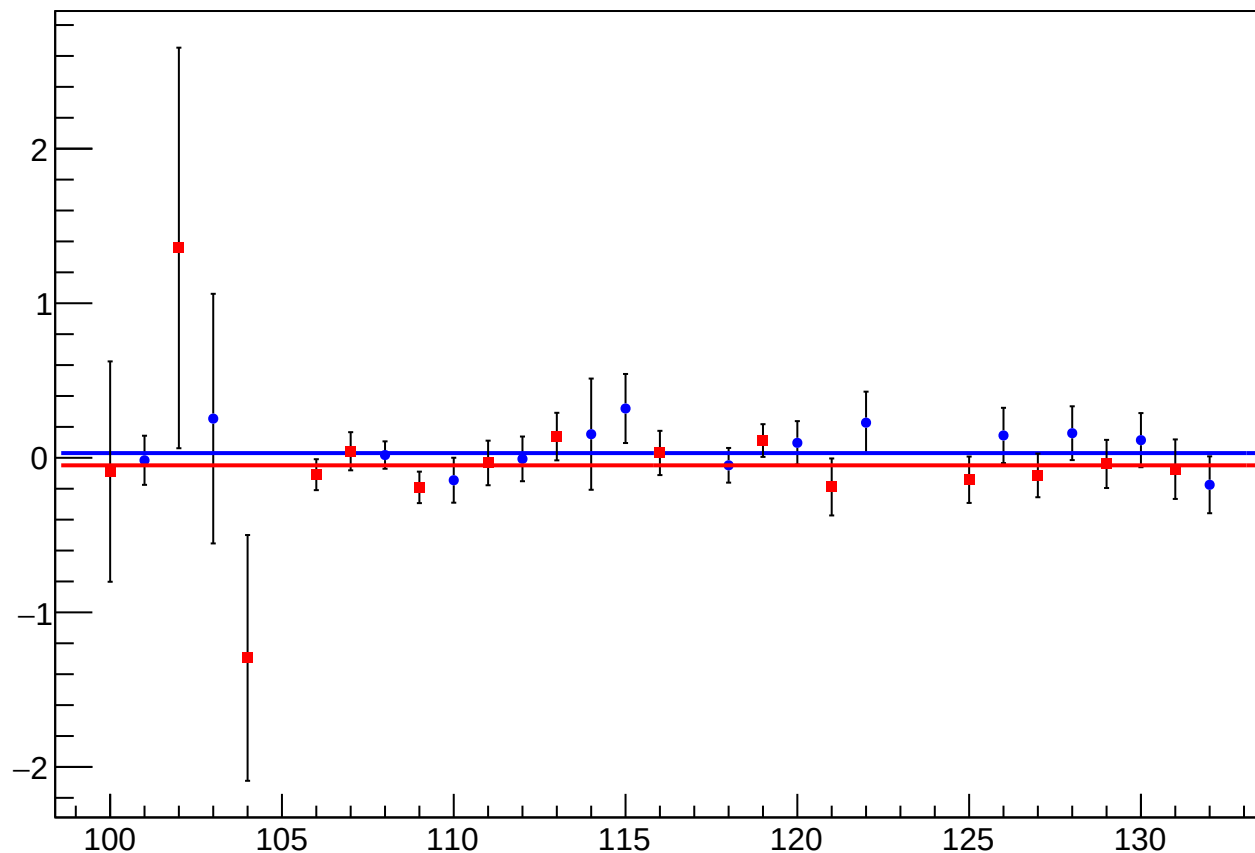
Right: 0.000+/-0.000 χ^2/NDF : 1998554.1/28

In: 0.000+/-0.000 χ^2/NDF : 787749.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1998554.1/28

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.031 $\pm$ 0.042 χ^2 /NDF: 7.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.049 $\pm$ 0.038 χ^2 /NDF: 11.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

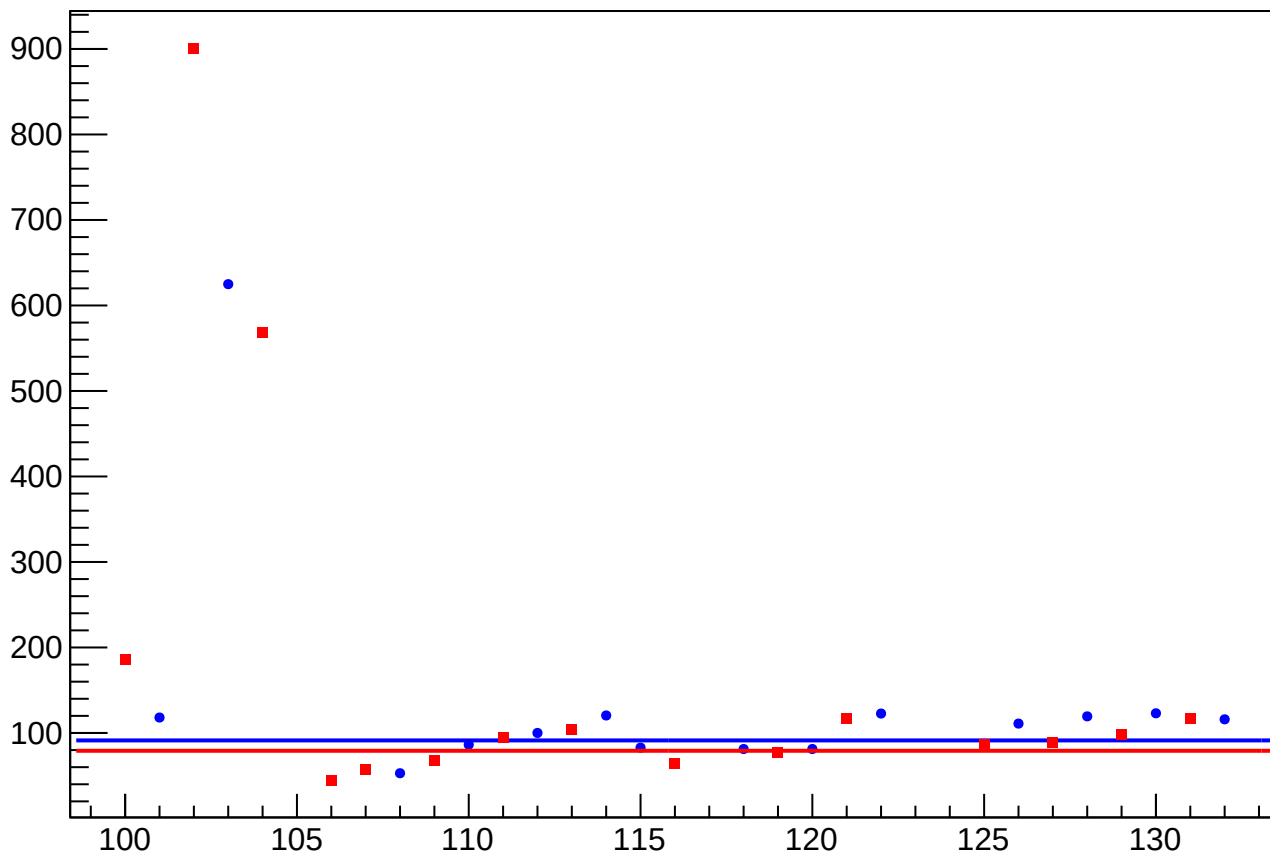
Right: -0.013 $\pm$ 0.028 χ^2 /NDF: 21.3/28

In: 0.031 $\pm$ 0.042 χ^2 /NDF:7.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.028 χ^2 /NDF: 21.3/28

asym_us_dd_at2lr_dd_avg_dit_vs_slug, Sign Corrected



Right In: 91.302+/-0.030 χ^2/NDF : 1584722.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 79.182+/-0.027 χ^2/NDF : 2249153.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

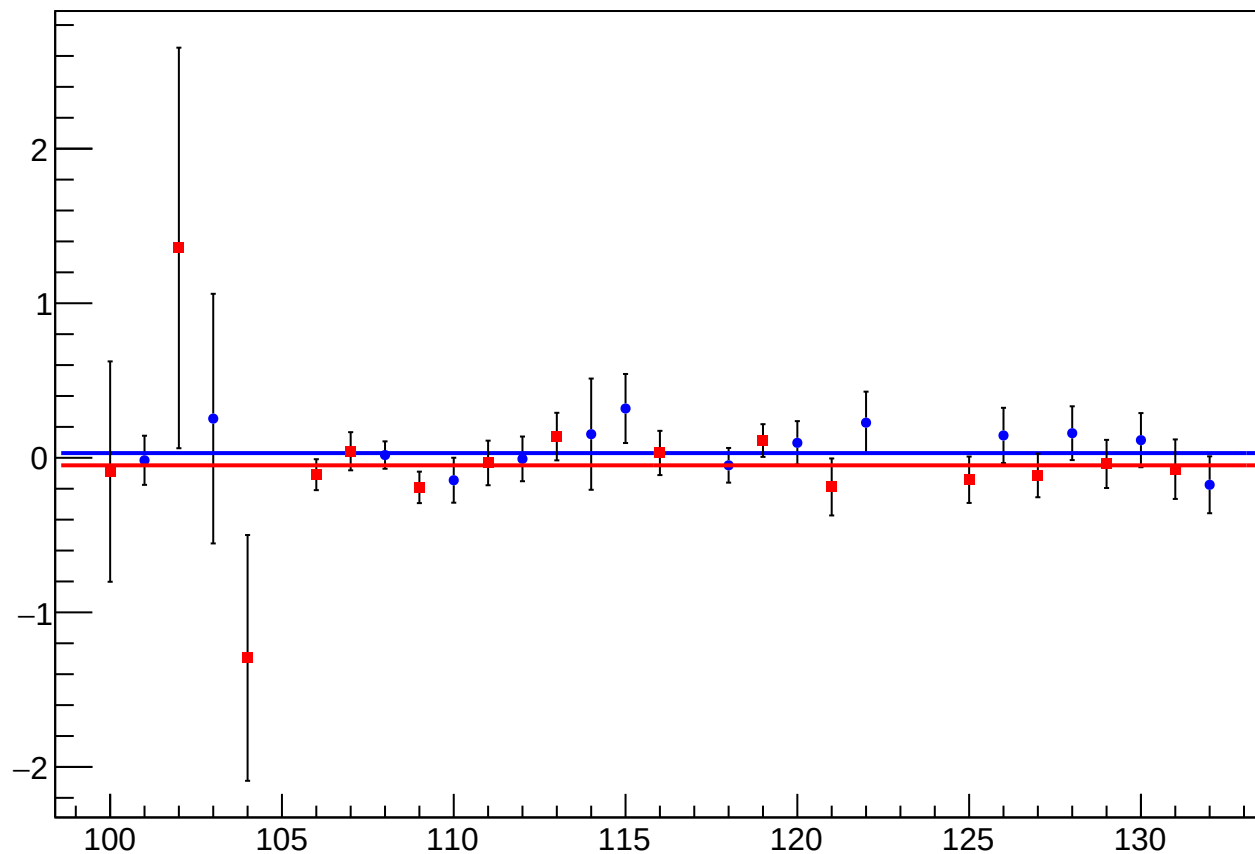
Right: 84.694+/-0.020 χ^2/NDF : 3925639.9/28

In: 91.302+/-0.030 χ^2/NDF :1584722.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 84.694+/-0.020 χ^2/NDF : 3925639.9/28

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.031+/-0.042 χ^2/NDF : 7.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.049+/-0.038 χ^2/NDF : 11.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

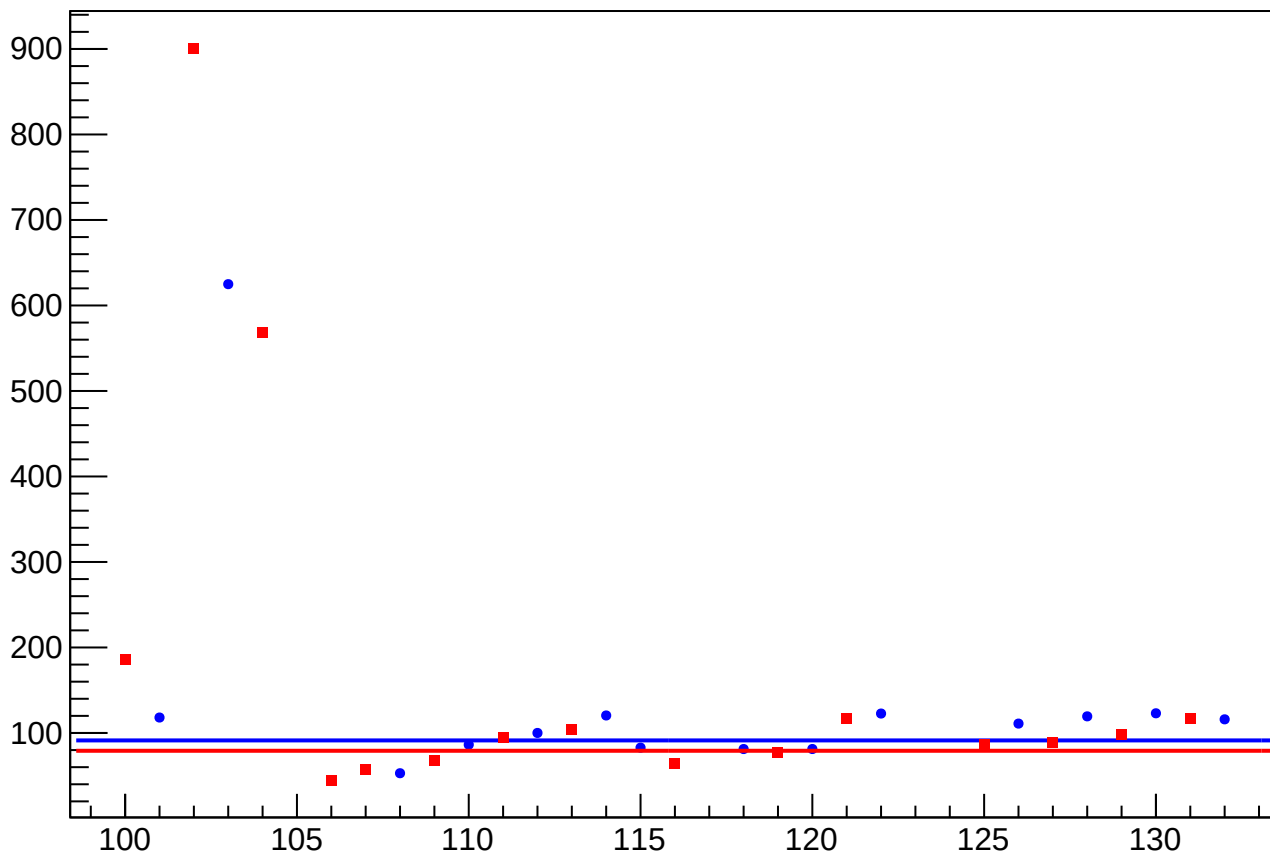
Right: -0.013+/-0.028 χ^2/NDF : 21.3/28

In: 0.031+/-0.042 χ^2/NDF : 7.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.013+/-0.028 χ^2/NDF : 21.3/28

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 91.302+/-0.030 χ^2/NDF : 1584722.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.182+/-0.027 χ^2/NDF : 2249153.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

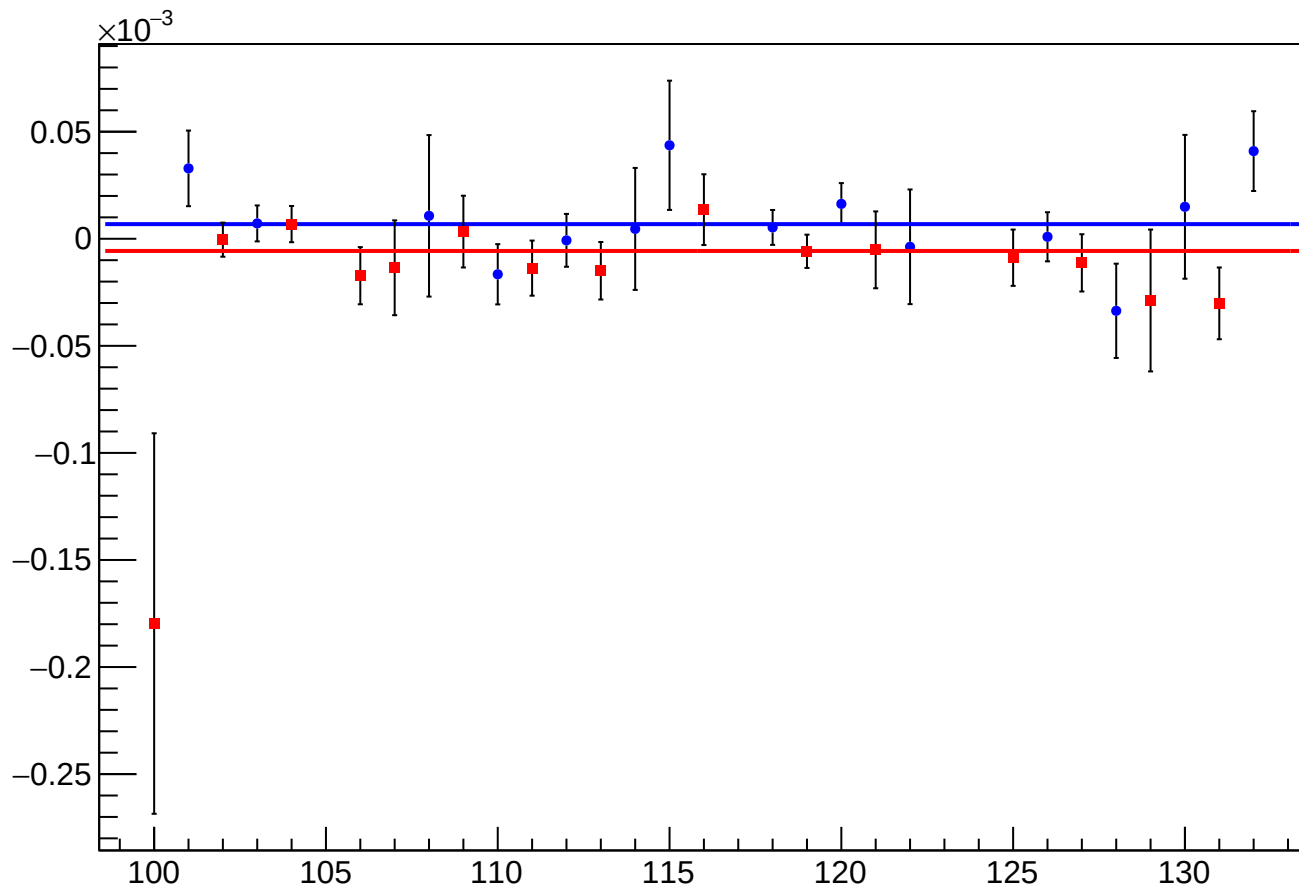
Right: 84.694+/-0.020 χ^2/NDF : 3925639.9/28

In: 91.302+/-0.030 χ^2/NDF : 1584722.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.694+/-0.020 χ^2/NDF : 3925639.9/28

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

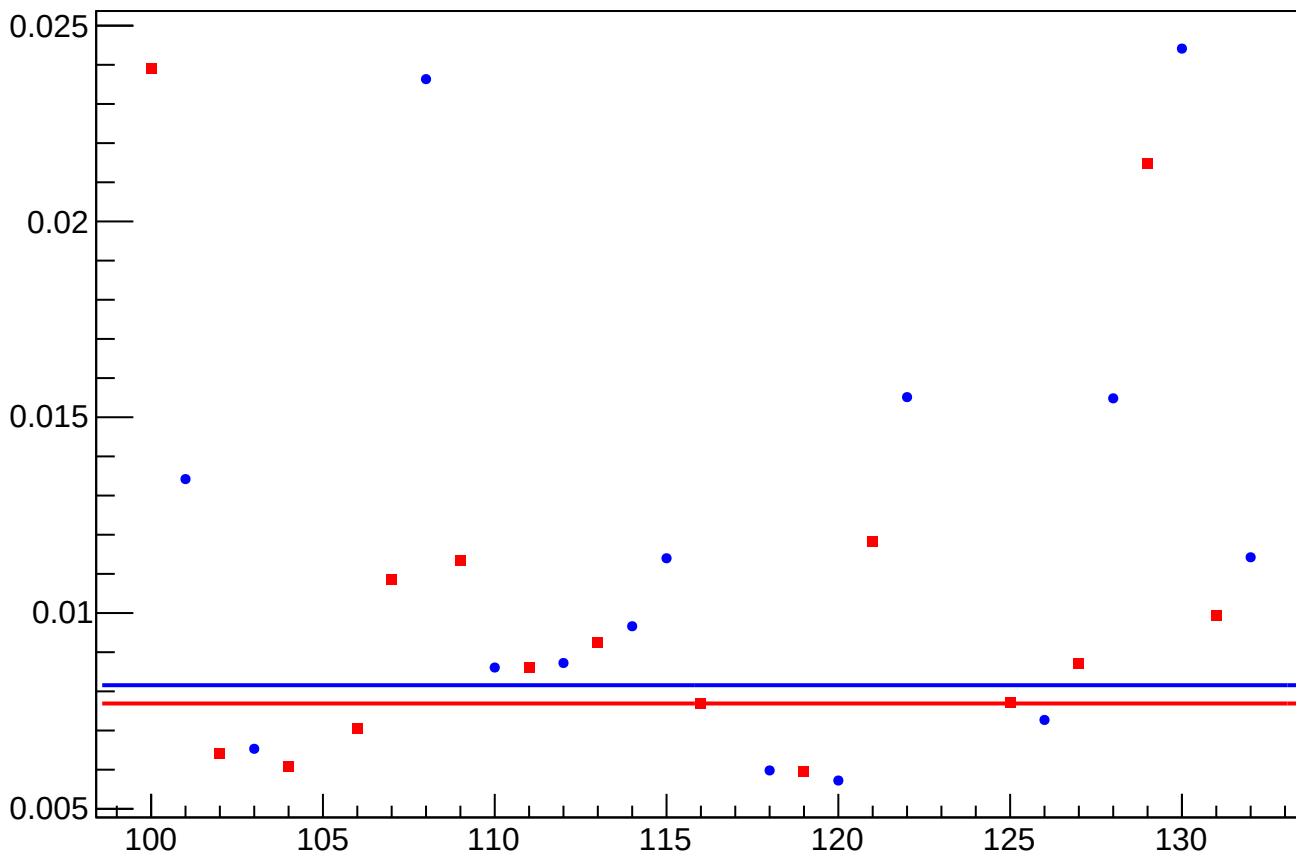
Right: -0.000+/-0.000 χ^2/NDF : 34.1/28

In: 0.000+/-0.000 χ^2/NDF : 15.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 34.1/28

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 1807243.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 967318.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

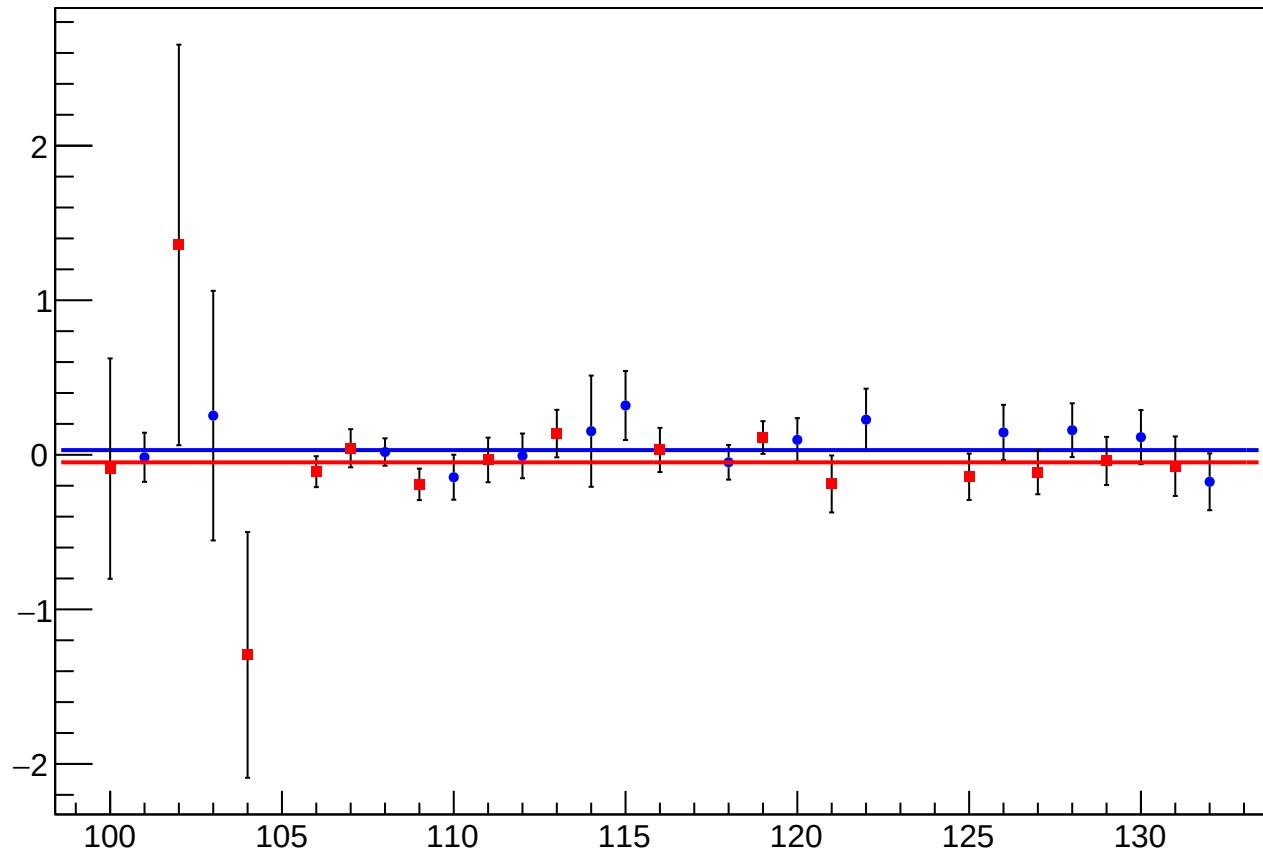
Right: 0.008+/-0.000 χ^2/NDF : 2792213.5/28

In: 0.008+/-0.000 χ^2/NDF : 1807243.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 2792213.5/28

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_slug, Sign Corrected



Right In: 0.031+/-0.042 χ^2/NDF : 7.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.049+/-0.038 χ^2/NDF : 11.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

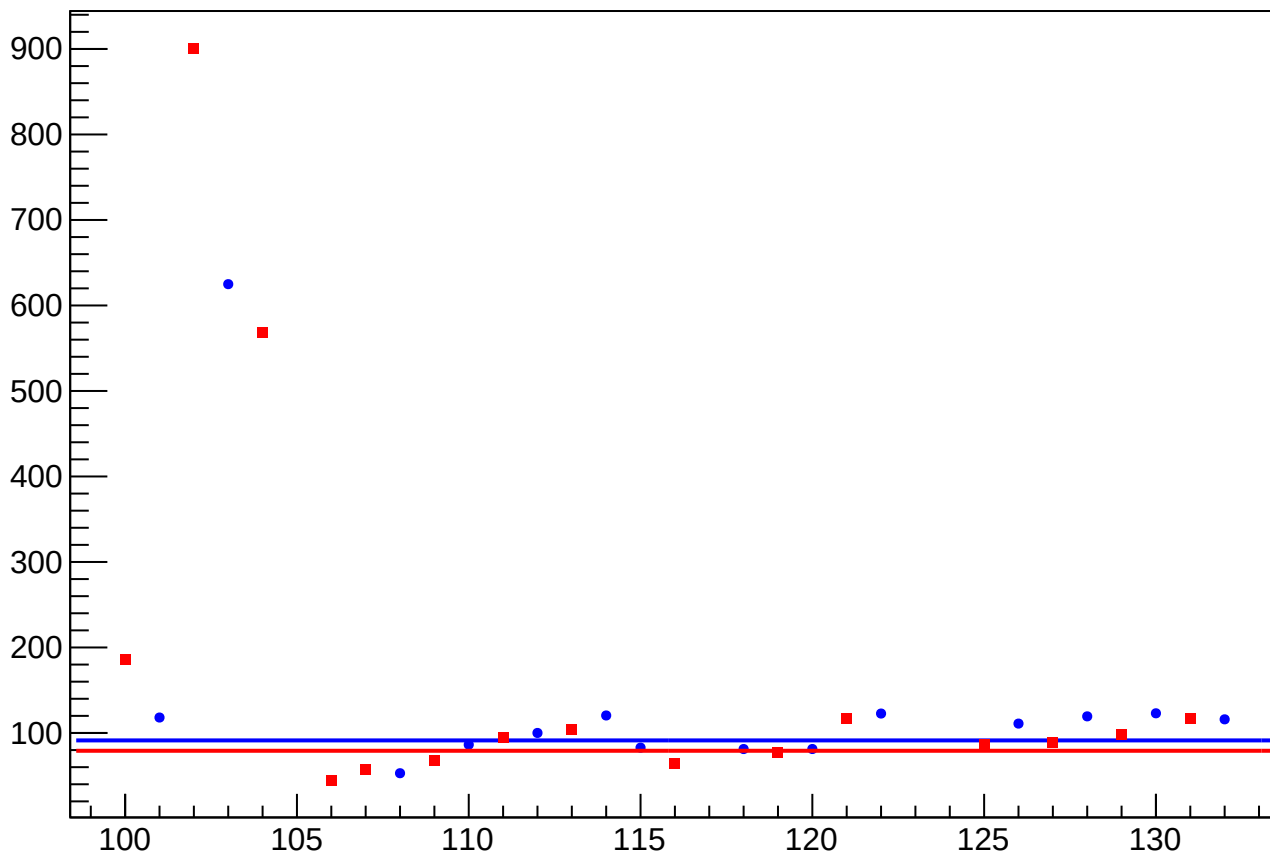
Right: -0.013+/-0.028 χ^2/NDF : 21.3/28

In: 0.031+/-0.042 χ^2/NDF : 7.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.013+/-0.028 χ^2/NDF : 21.3/28

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 91.306+/-0.030 χ^2/NDF : 1584413.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.181+/-0.027 χ^2/NDF : 2249122.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

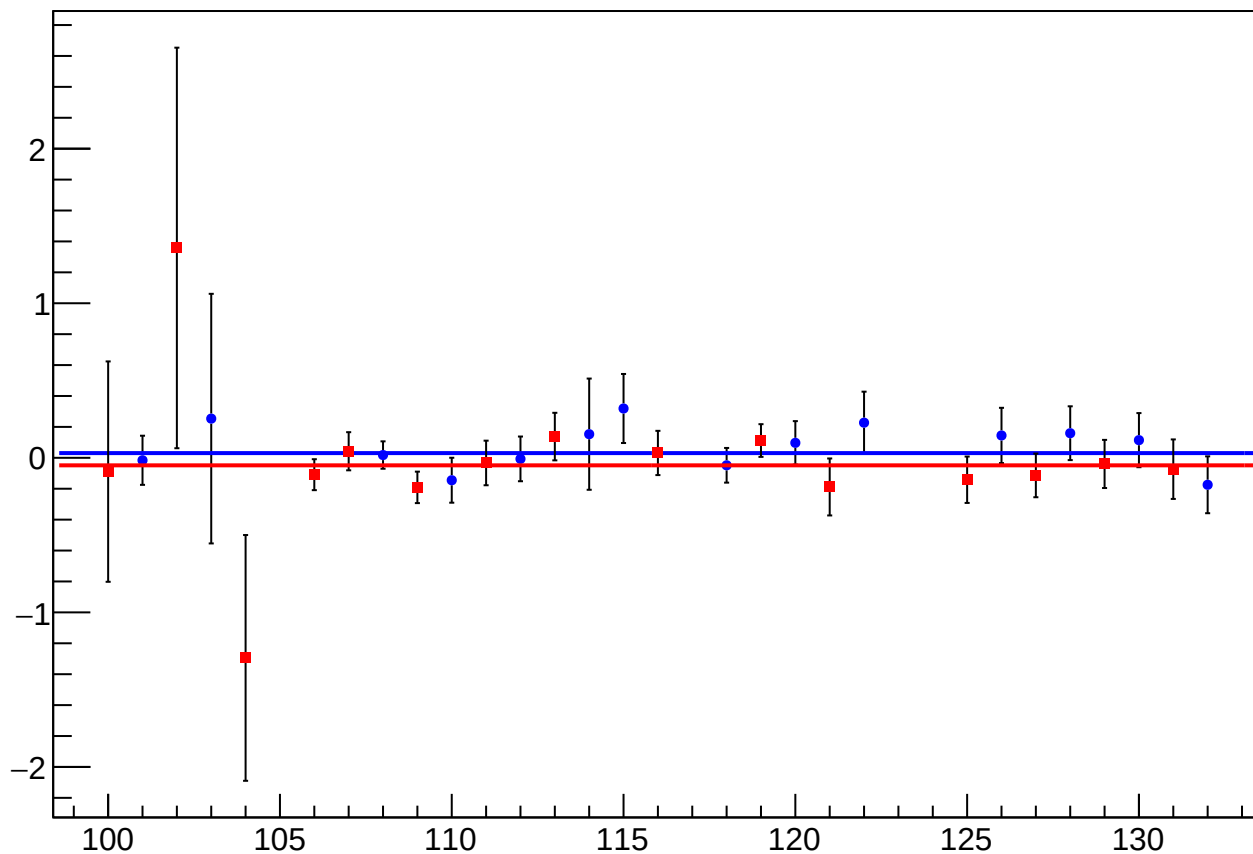
Right: 84.695+/-0.020 χ^2/NDF : 3925367.2/28

In: 91.306+/-0.030 χ^2/NDF : 1584413.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.695+/-0.020 χ^2/NDF : 3925367.2/28

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.031 $\pm$ 0.042 χ^2/NDF : 7.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.049 $\pm$ 0.038 χ^2/NDF : 11.8/14

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

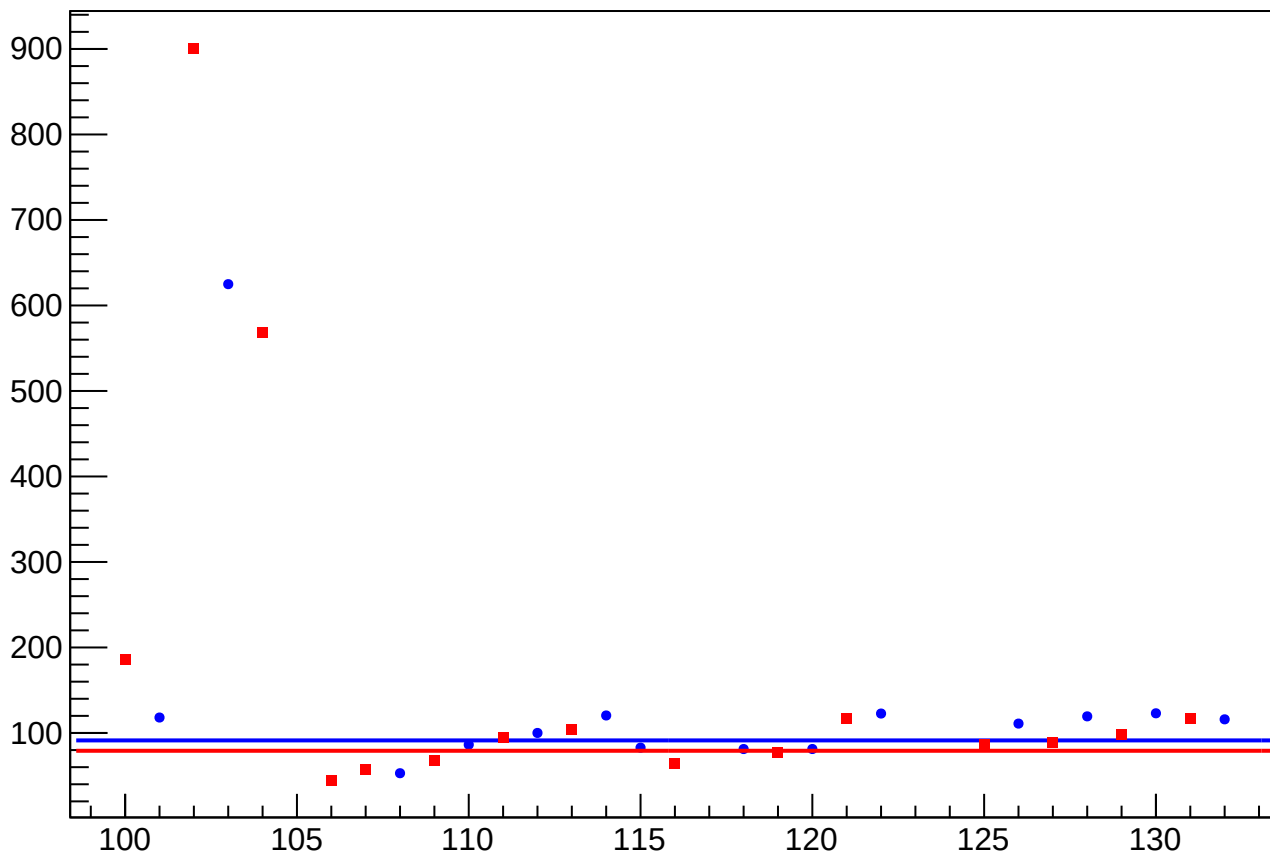
Right: -0.013 $\pm$ 0.028 χ^2/NDF : 21.3/28

In: 0.031 $\pm$ 0.042 χ^2/NDF : 7.6/13

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.013 $\pm$ 0.028 χ^2/NDF : 21.3/28

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 91.306+/-0.030 χ^2/NDF : 1584413.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.181+/-0.027 χ^2/NDF : 2249122.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

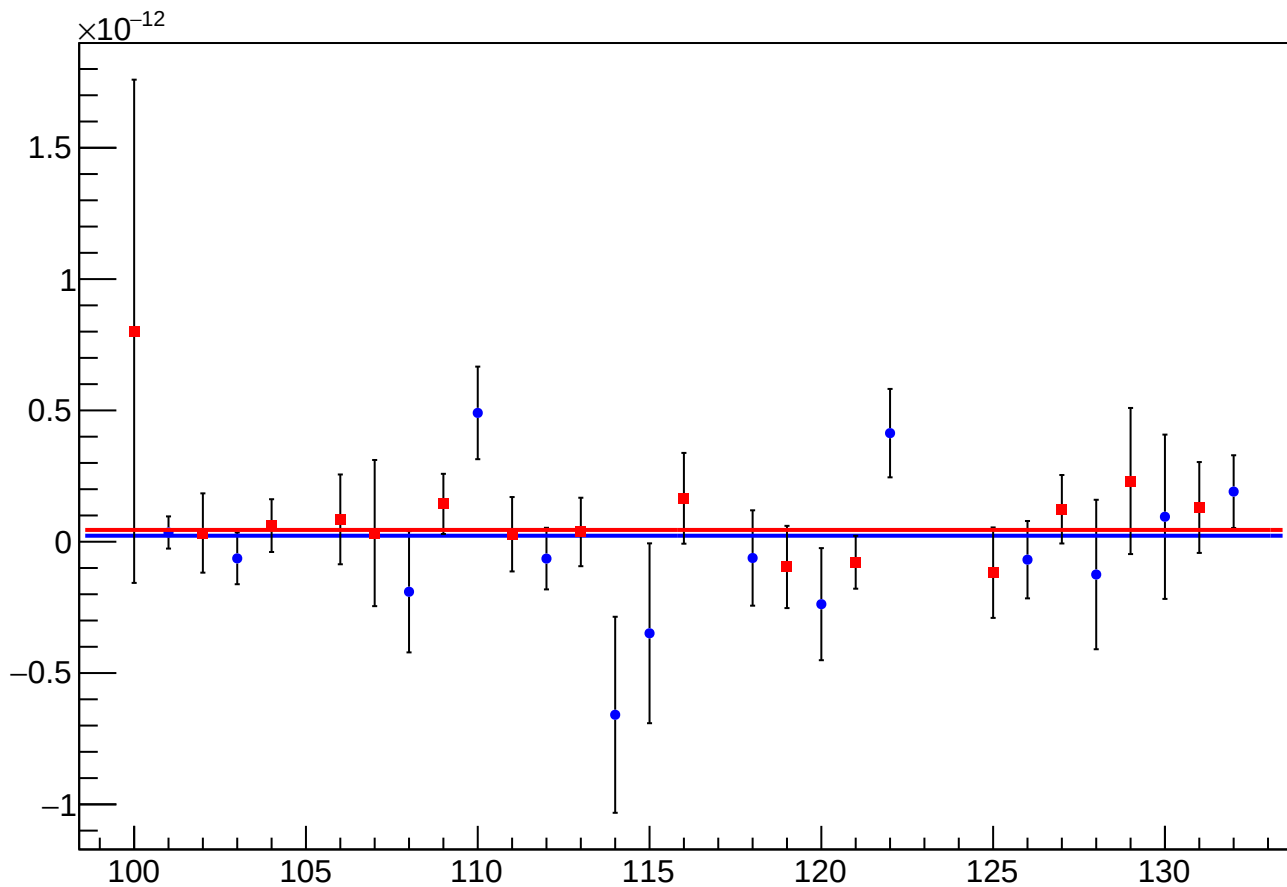
Right: 84.695+/-0.020 χ^2/NDF : 3925367.2/28

In: 91.306+/-0.030 χ^2/NDF : 1584413.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.695+/-0.020 χ^2/NDF : 3925367.2/28

asym_us_dd_at2lr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 23.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

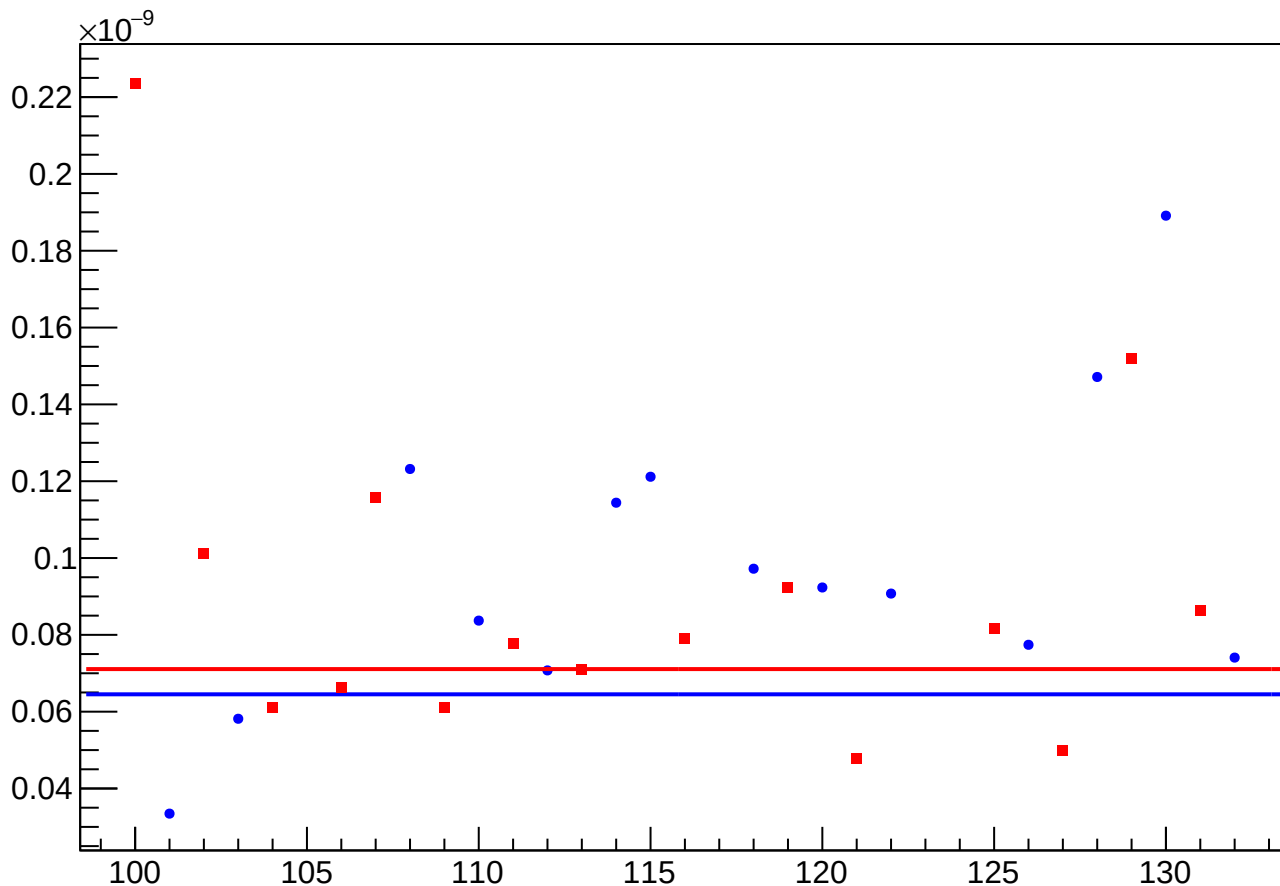
Right: 0.000+/-0.000 χ^2/NDF : 29.4/28

In: 0.000+/-0.000 χ^2/NDF : 23.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.4/28

asym_us_dd_at2lr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1429302.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 614397.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

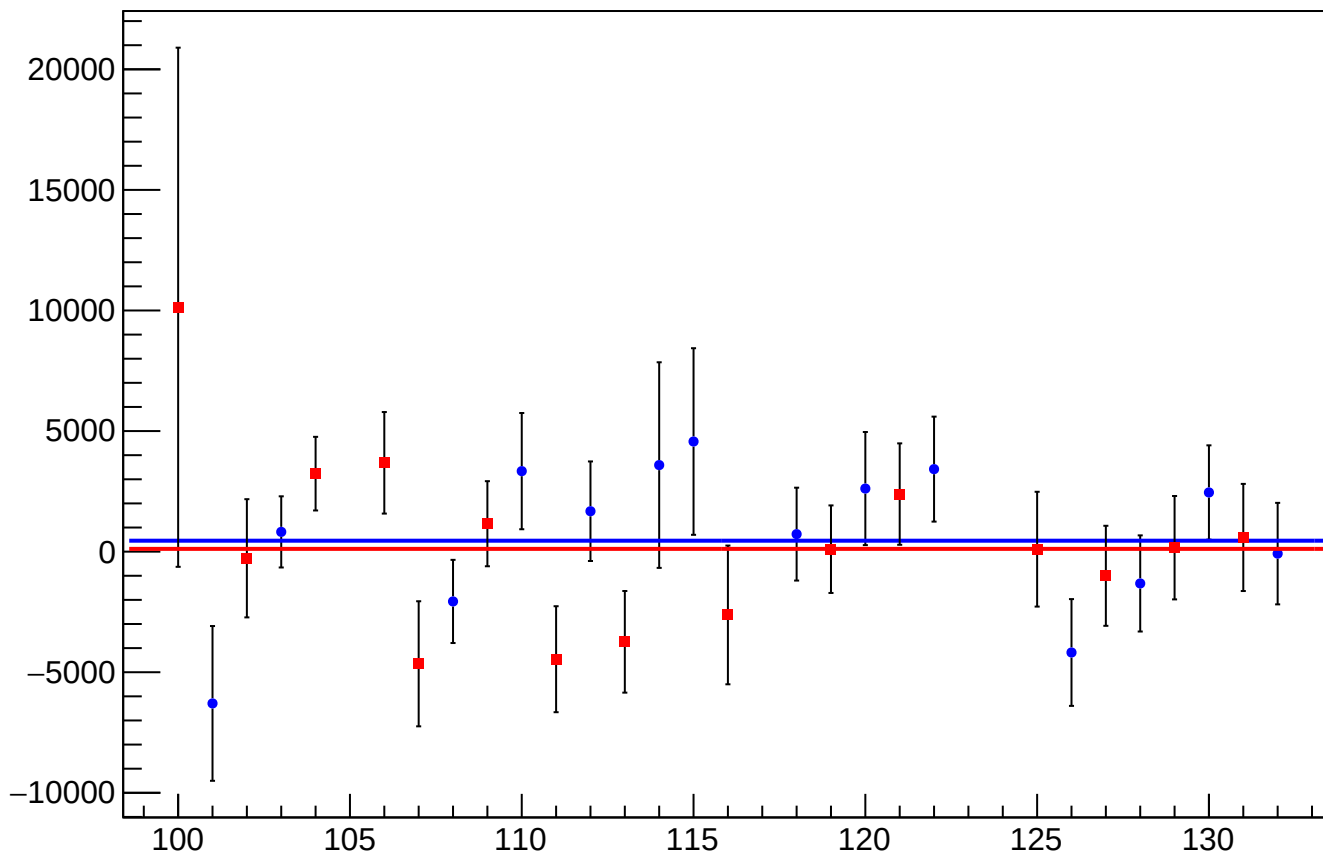
Right: 0.000+/-0.000 χ^2/NDF : 2074006.1/28

In: 0.000+/-0.000 χ^2/NDF : 1429302.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2074006.1/28

reg_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 454.121+/-574.705 χ^2/NDF : 19.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.840+/-557.977 χ^2/NDF : 21.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

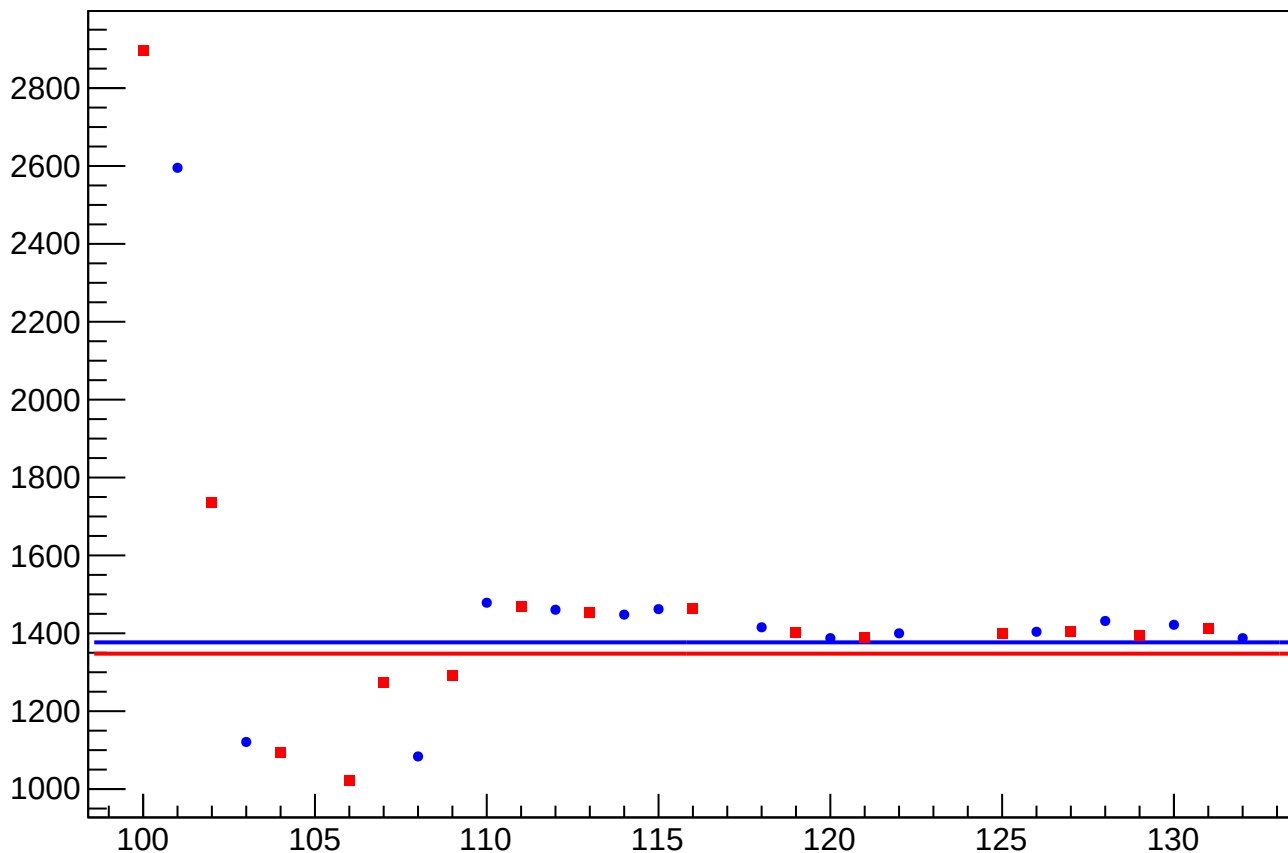
Right: 279.471+/-400.333 χ^2/NDF : 41.0/28

In: 454.121+/-574.705 χ^2/NDF : 19.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 279.471+/-400.333 χ^2/NDF : 41.0/28

reg_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1376.766+/-0.406 χ^2/NDF : 418731.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1347.707+/-0.395 χ^2/NDF : 220146.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

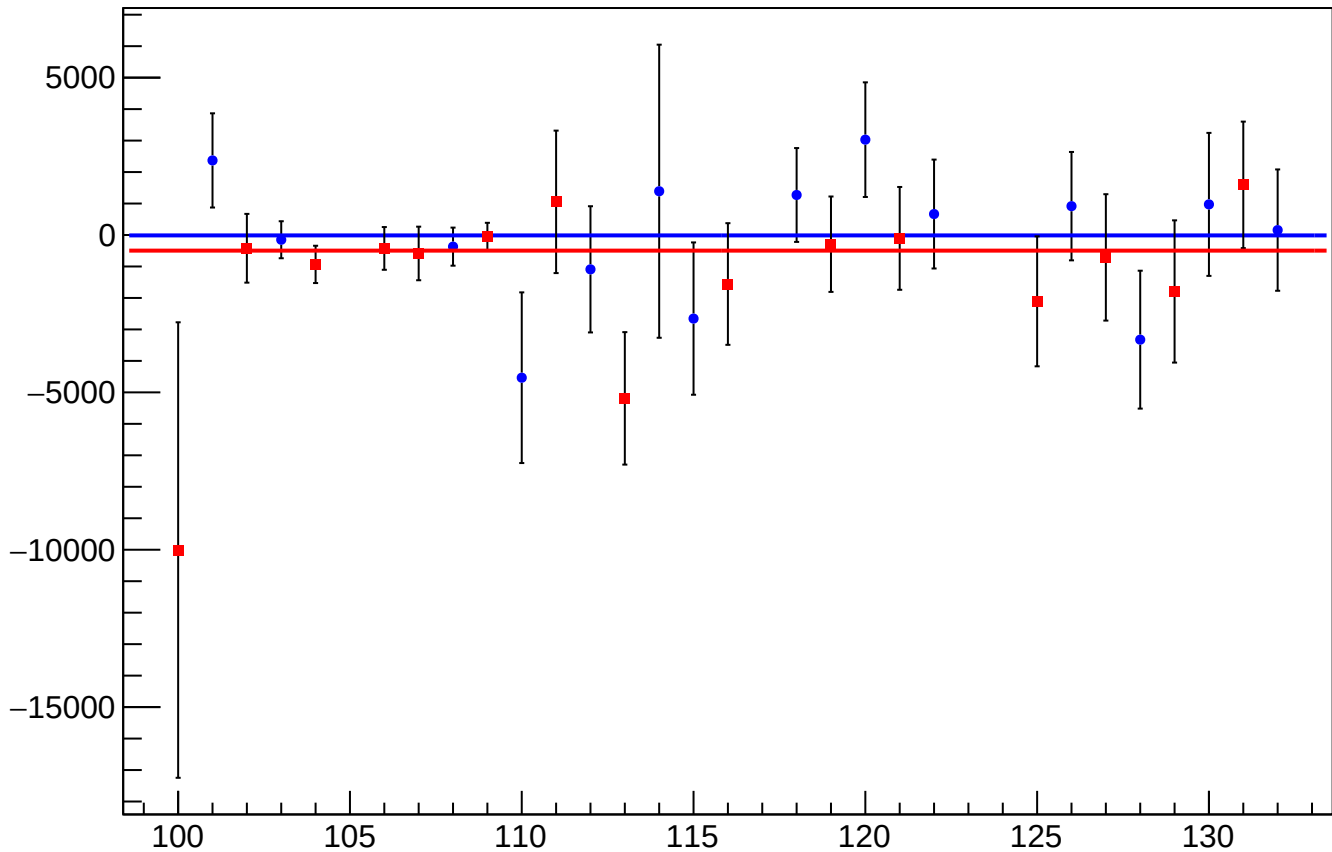
Right: 1361.808+/-0.283 χ^2/NDF : 641510.1/28

In: 1376.766+/-0.406 χ^2/NDF :418731.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1361.808+/-0.283 χ^2/NDF : 641510.1/28

asym_us_dd_at2lr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -12.623 ± 337.700 χ^2/NDF : 13.8/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -496.249 ± 259.302 χ^2/NDF : 11.2/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

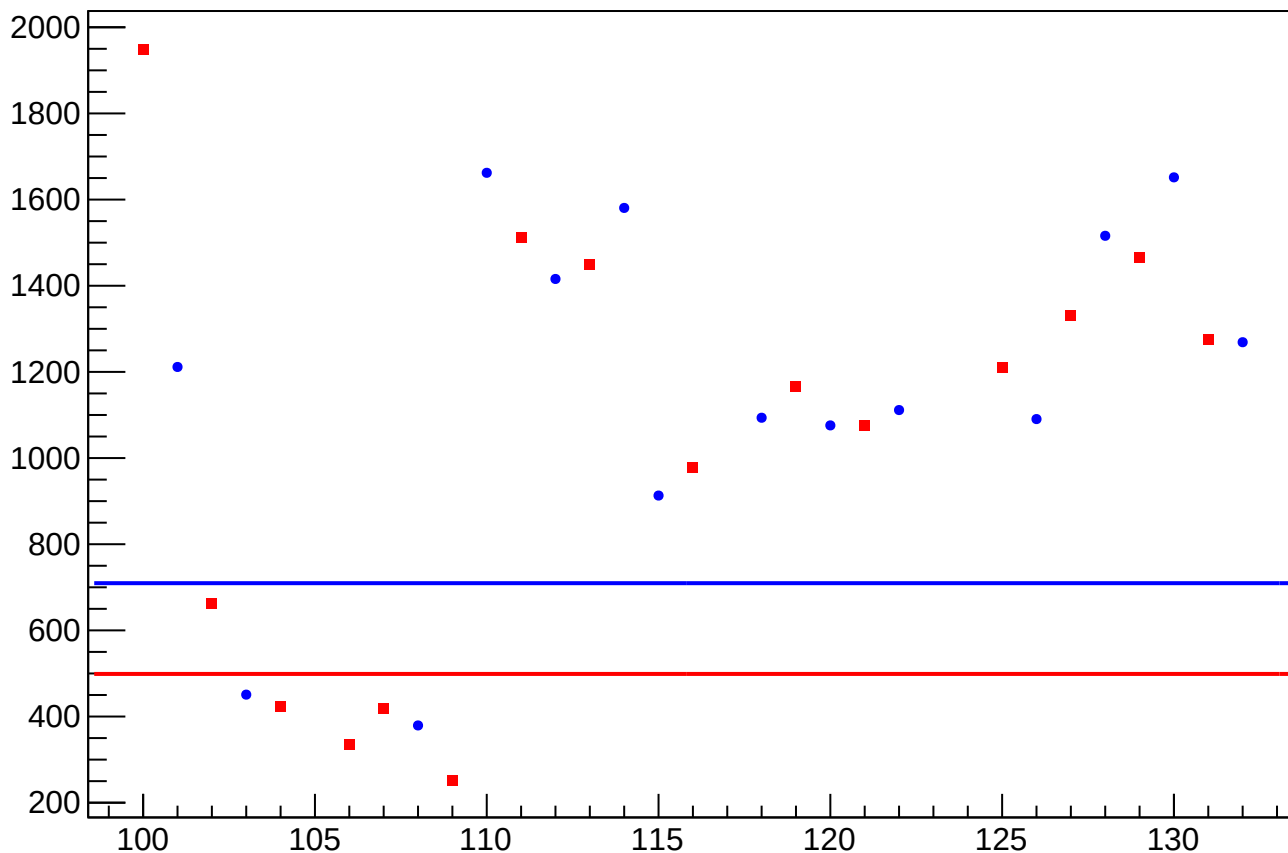
Right: -316.868 ± 205.667 χ^2/NDF : 26.2/28

In: -12.623 ± 337.700 χ^2/NDF : 13.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -316.868 ± 205.667 χ^2/NDF : 26.2/28

asym_us_dd_at2lr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 709.561+/-0.239 χ^2/NDF : 2990274.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 498.885+/-0.183 χ^2/NDF : 3745071.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

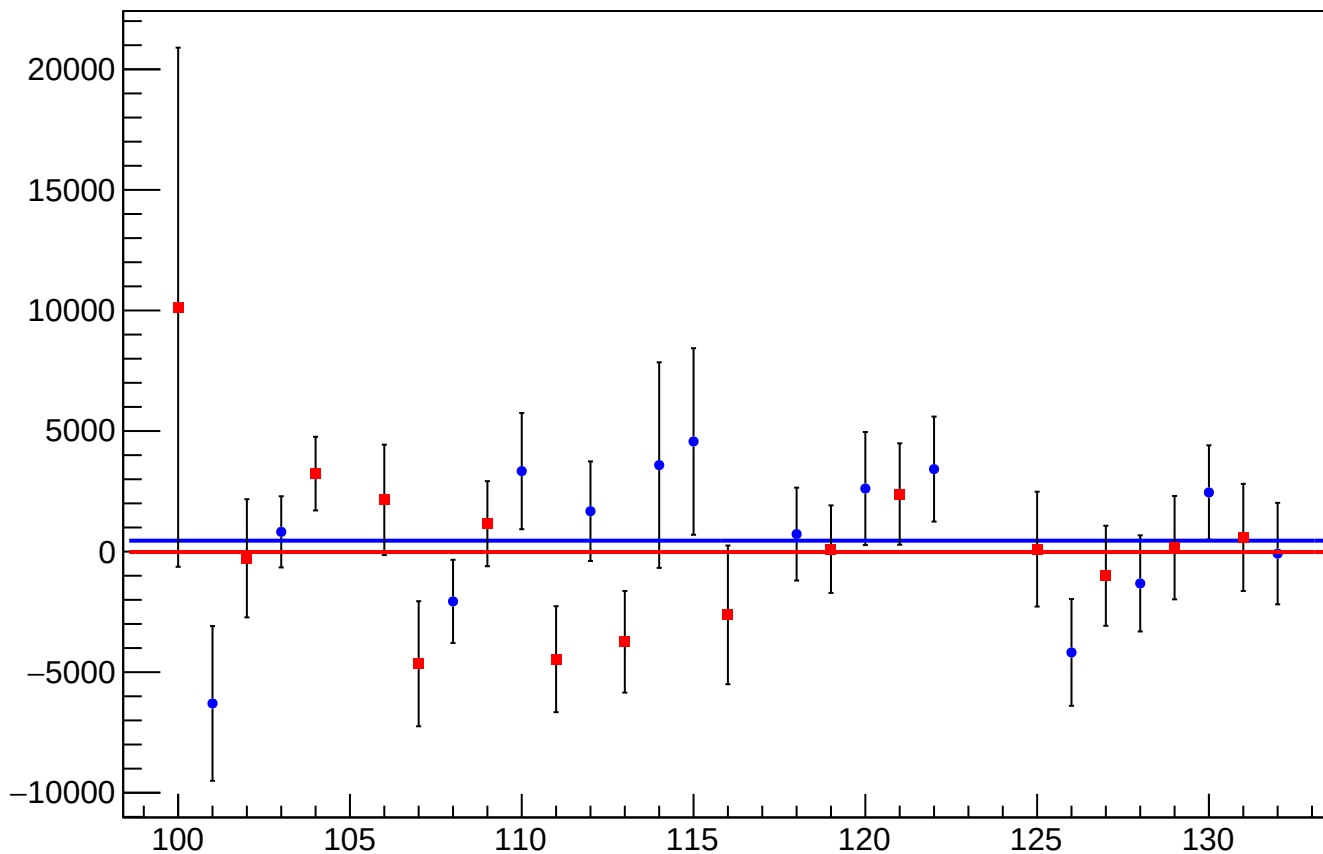
Right: 577.027+/-0.145 χ^2/NDF : 7225022.1/28

In: 709.561+/-0.239 χ^2/NDF : 2990274.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 577.027+/-0.145 χ^2/NDF : 7225022.1/28

cor_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 453.938+/-574.705 χ^2/NDF : 19.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.924+/-561.034 χ^2/NDF : 19.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

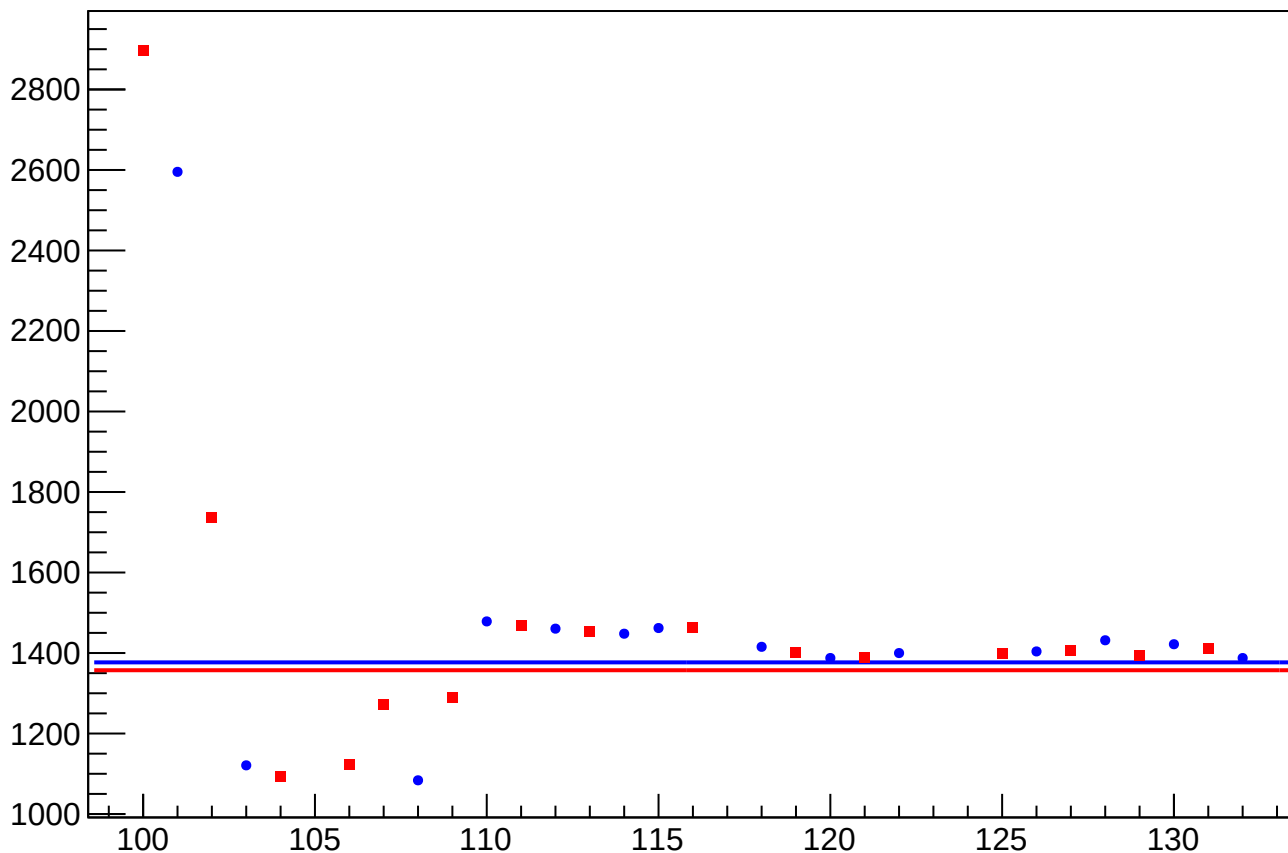
Right: 212.840+/-401.457 χ^2/NDF : 39.1/28

In: 453.938+/-574.705 χ^2/NDF : 19.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 212.840+/-401.457 χ^2/NDF : 39.1/28

cor_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1376.766+/-0.406 χ^2/NDF : 418731.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1357.229+/-0.397 χ^2/NDF : 191368.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

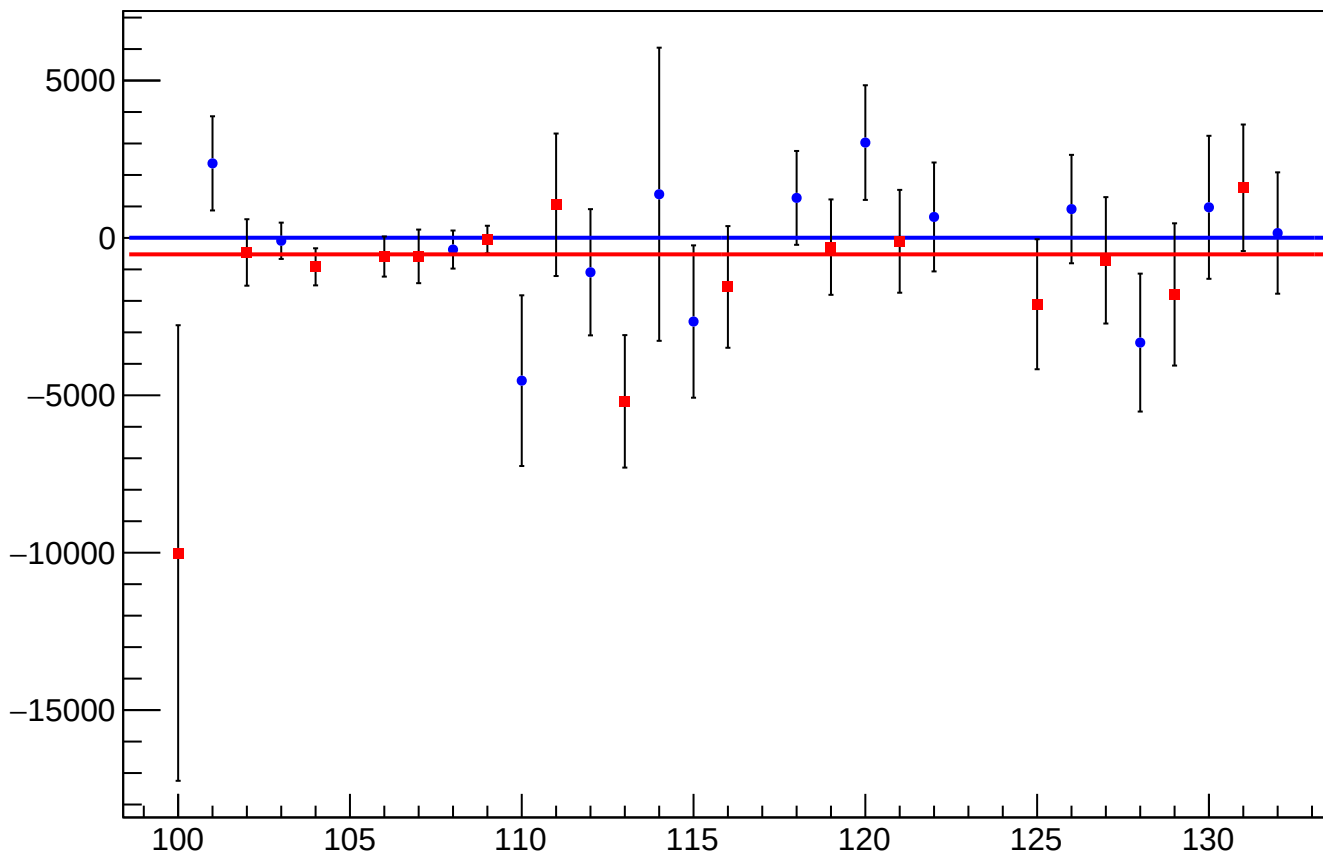
Right: 1366.762+/-0.284 χ^2/NDF : 611282.9/28

In: 1376.766+/-0.406 χ^2/NDF : 418731.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1366.762+/-0.284 χ^2/NDF : 611282.9/28

asym_us_dd_at2lr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 5.807 ± 335.540 χ^2/NDF : 13.7/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -521.825 ± 256.049 χ^2/NDF : 11.1/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

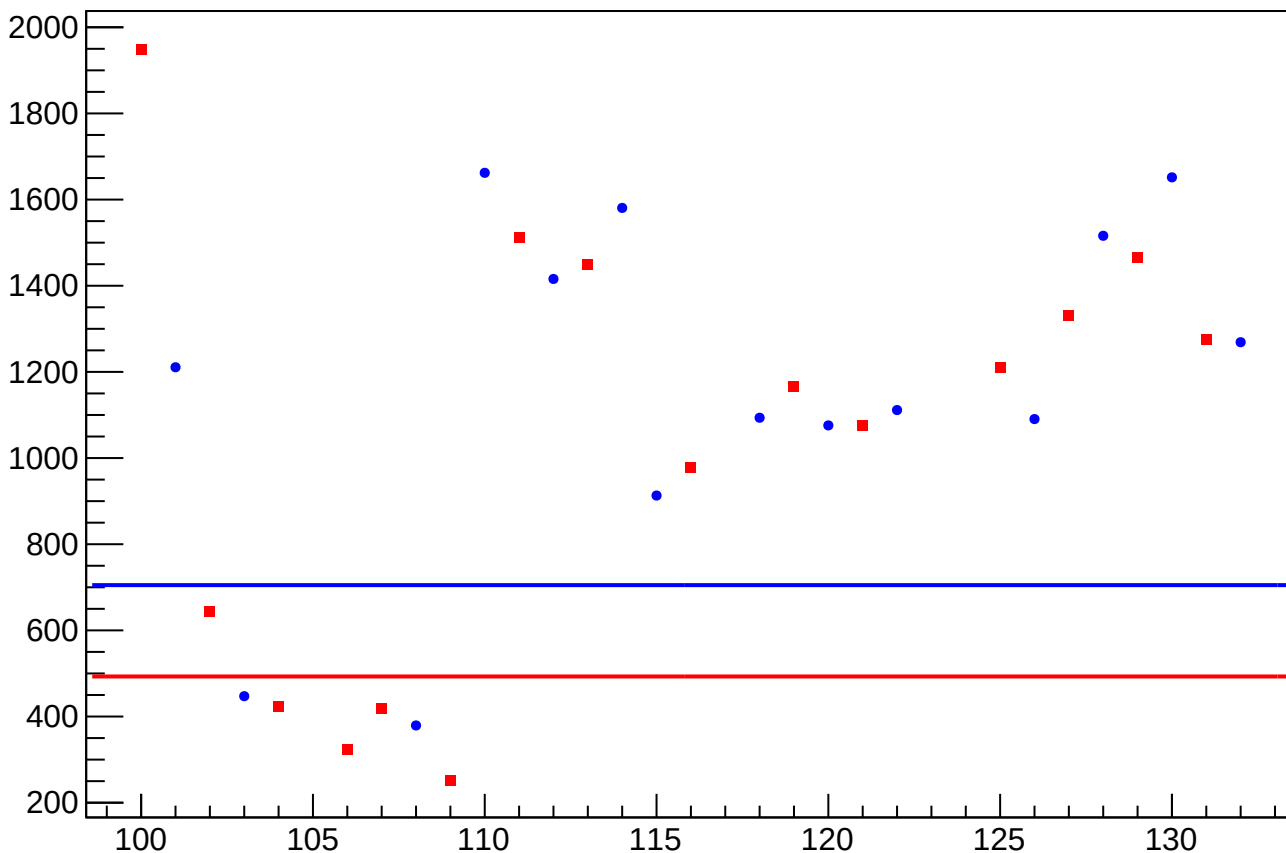
Right: -327.649 ± 203.553 χ^2/NDF : 26.4/28

In: 5.807 ± 335.540 χ^2/NDF : 13.7/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -327.649 ± 203.553 χ^2/NDF : 26.4/28

asym_us_dd_at2lr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 705.051+/-0.237 χ^2/NDF : 3015922.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 492.978+/-0.181 χ^2/NDF : 3772795.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

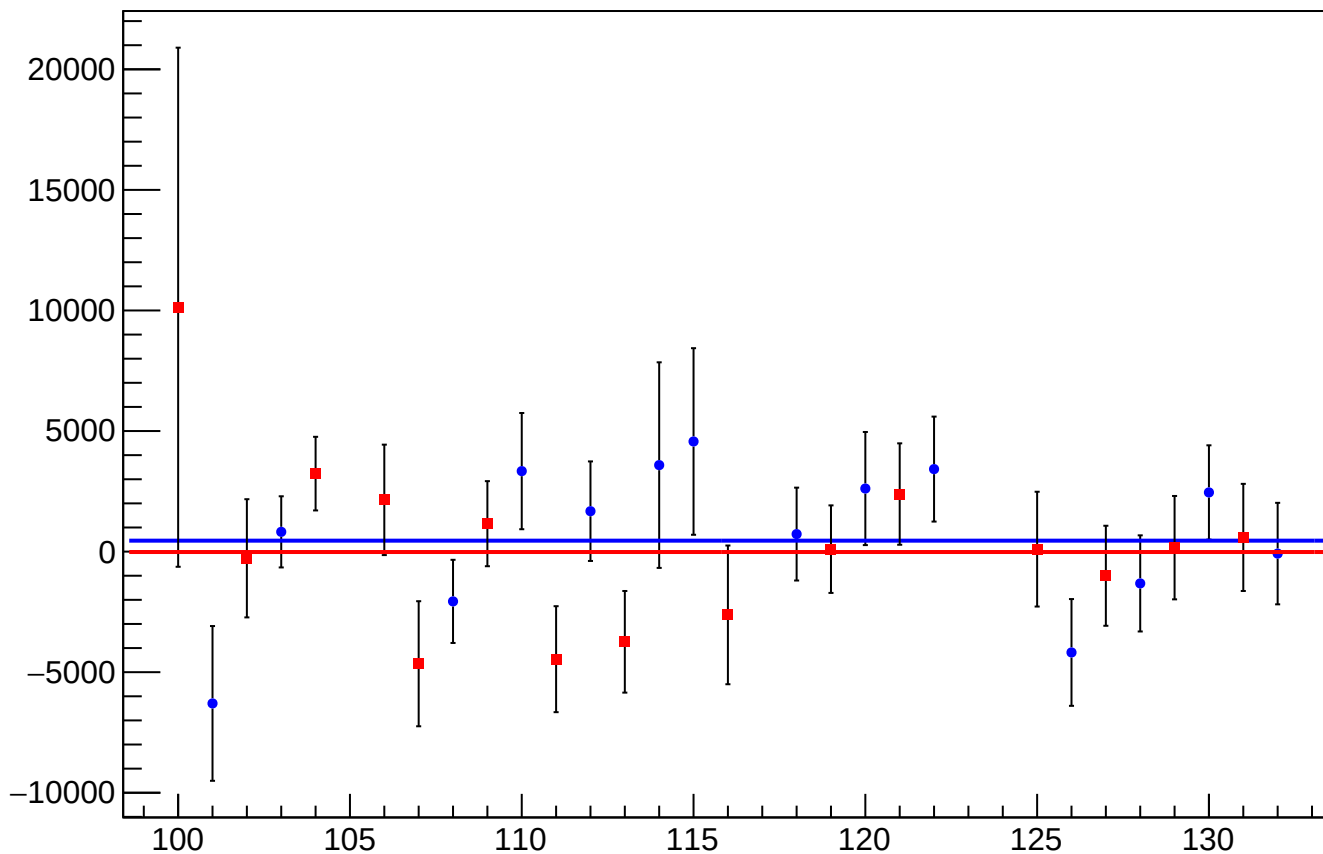
Right: 571.024+/-0.144 χ^2/NDF : 7293633.4/28

In: 705.051+/-0.237 χ^2/NDF : 3015922.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 571.024+/-0.144 χ^2/NDF : 7293633.4/28

eigen_cor_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 453.938+/-574.705 χ^2/NDF : 19.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.924+/-561.034 χ^2/NDF : 19.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

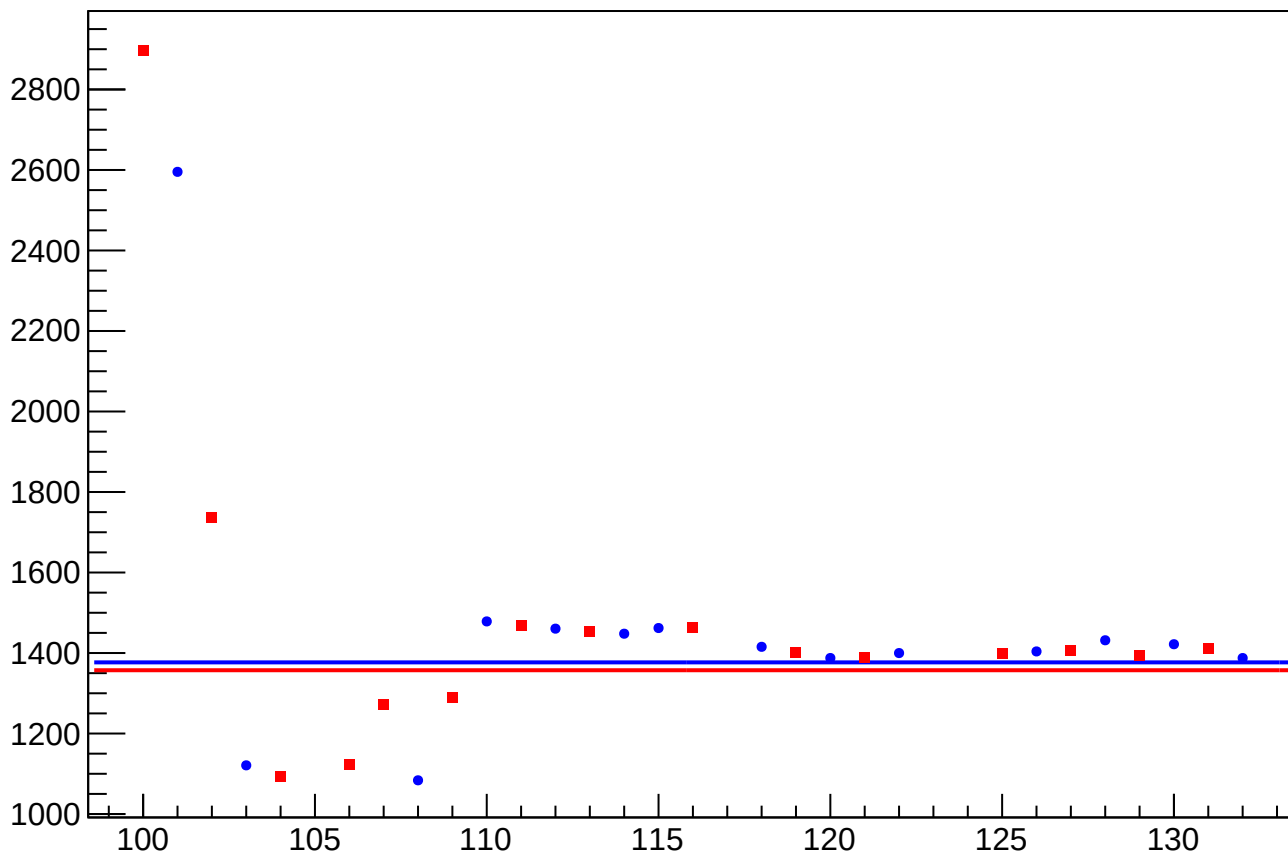
Right: 212.840+/-401.457 χ^2/NDF : 39.1/28

In: 453.938+/-574.705 χ^2/NDF : 19.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 212.840+/-401.457 χ^2/NDF : 39.1/28

eigen_cor_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1376.766+/-0.406 χ^2/NDF : 418731.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1357.229+/-0.397 χ^2/NDF : 191368.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

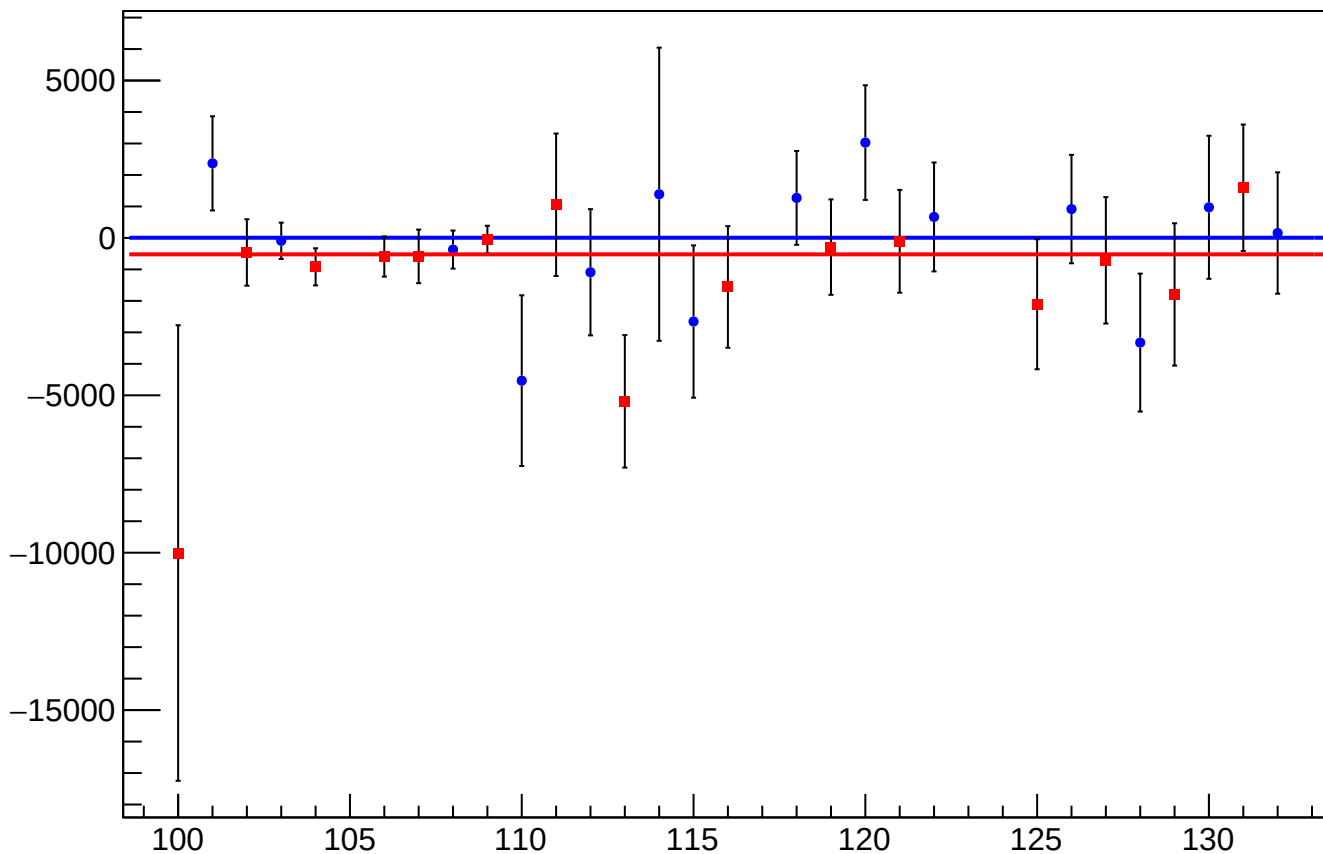
Right: 1366.762+/-0.284 χ^2/NDF : 611282.9/28

In: 1376.766+/-0.406 χ^2/NDF : 418731.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1366.762+/-0.284 χ^2/NDF : 611282.9/28

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 5.807+/-335.540 χ^2/NDF : 13.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -521.825+/-256.049 χ^2/NDF : 11.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

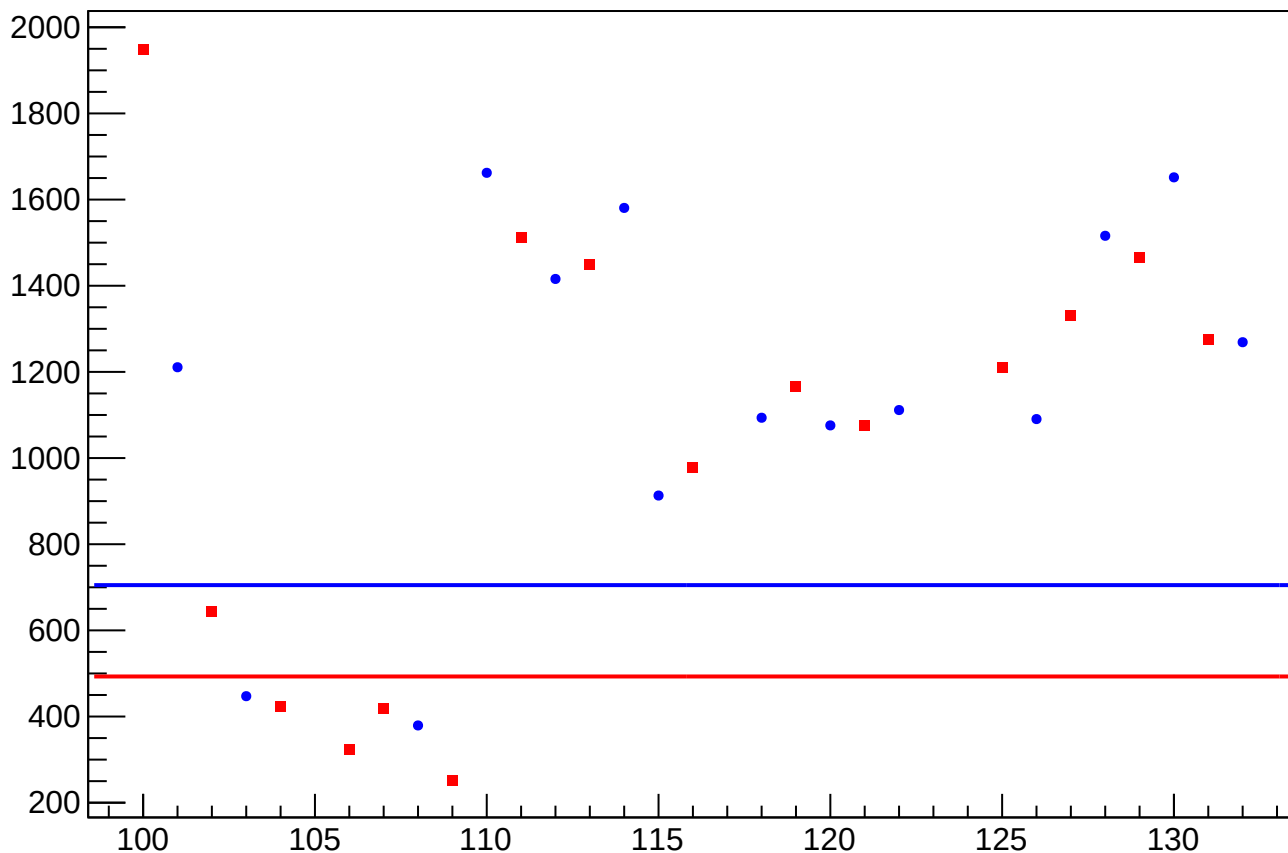
Right: -327.649+/-203.553 χ^2/NDF : 26.4/28

In: 5.807+/-335.540 χ^2/NDF : 13.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -327.649+/-203.553 χ^2/NDF : 26.4/28

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 705.051+/-0.237 χ^2/NDF : 3015922.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 492.978+/-0.181 χ^2/NDF : 3772795.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

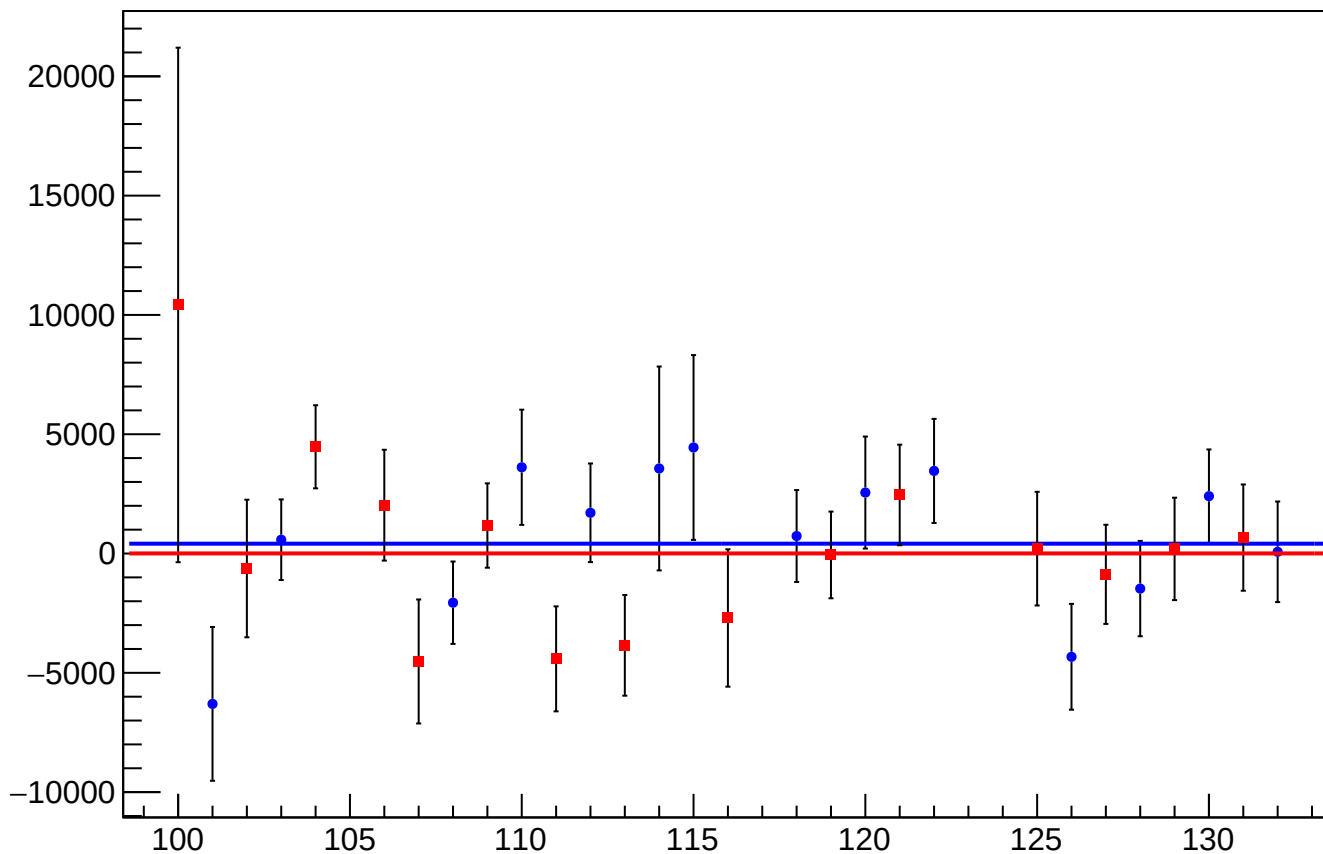
Right: 571.024+/-0.144 χ^2/NDF : 7293633.4/28

In: 705.051+/-0.237 χ^2/NDF : 3015922.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 571.024+/-0.144 χ^2/NDF : 7293633.4/28

dit_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 412.448 $\pm$ 586.204 χ^2 /NDF: 19.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4.374 $\pm$ 575.564 χ^2 /NDF: 21.7/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

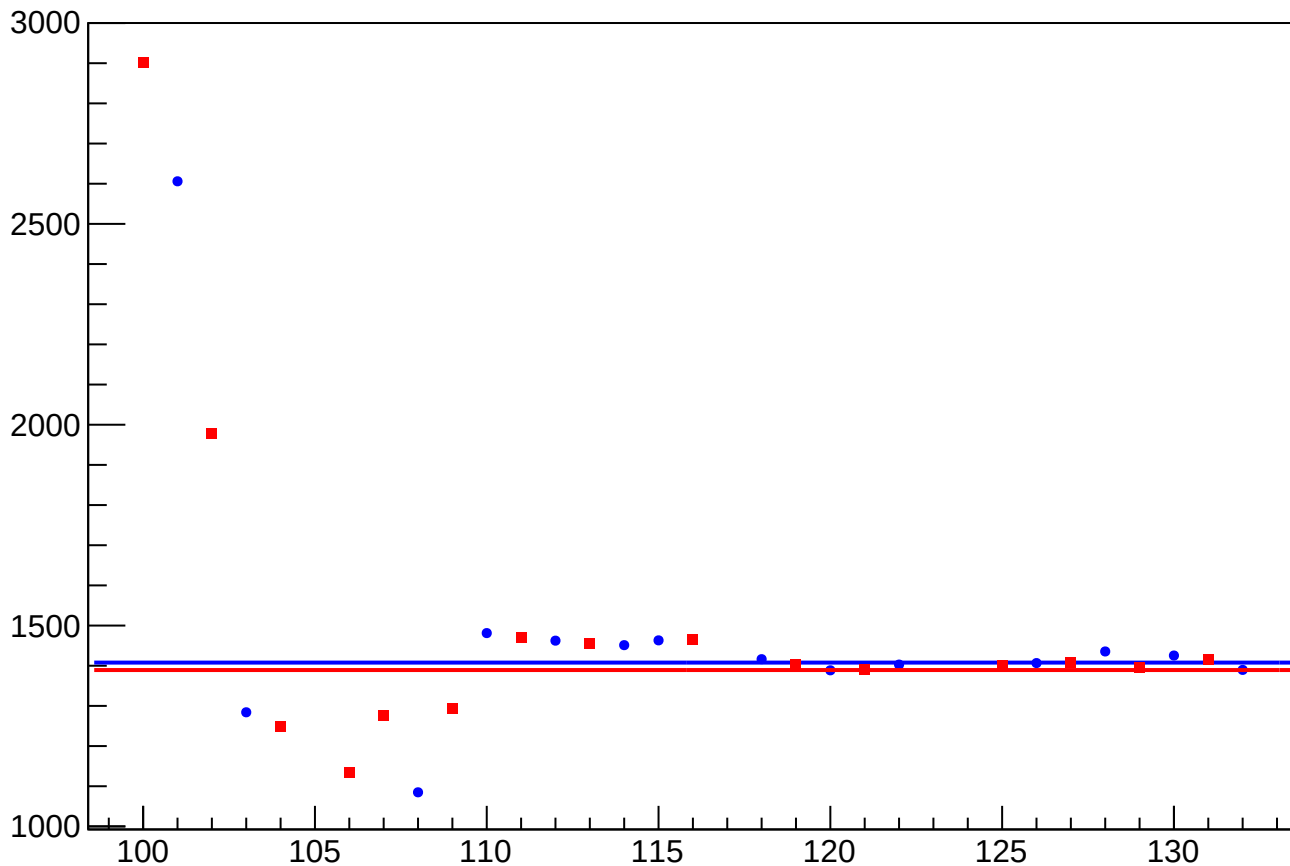
Right: 204.674 $\pm$ 410.695 χ^2 /NDF: 41.4/28

In: 412.448 $\pm$ 586.204 χ^2 /NDF:19.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 204.674 $\pm$ 410.695 χ^2 /NDF: 41.4/28

dit_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1407.829+/-0.415 χ^2/NDF : 361993.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1389.270+/-0.407 χ^2/NDF : 176603.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

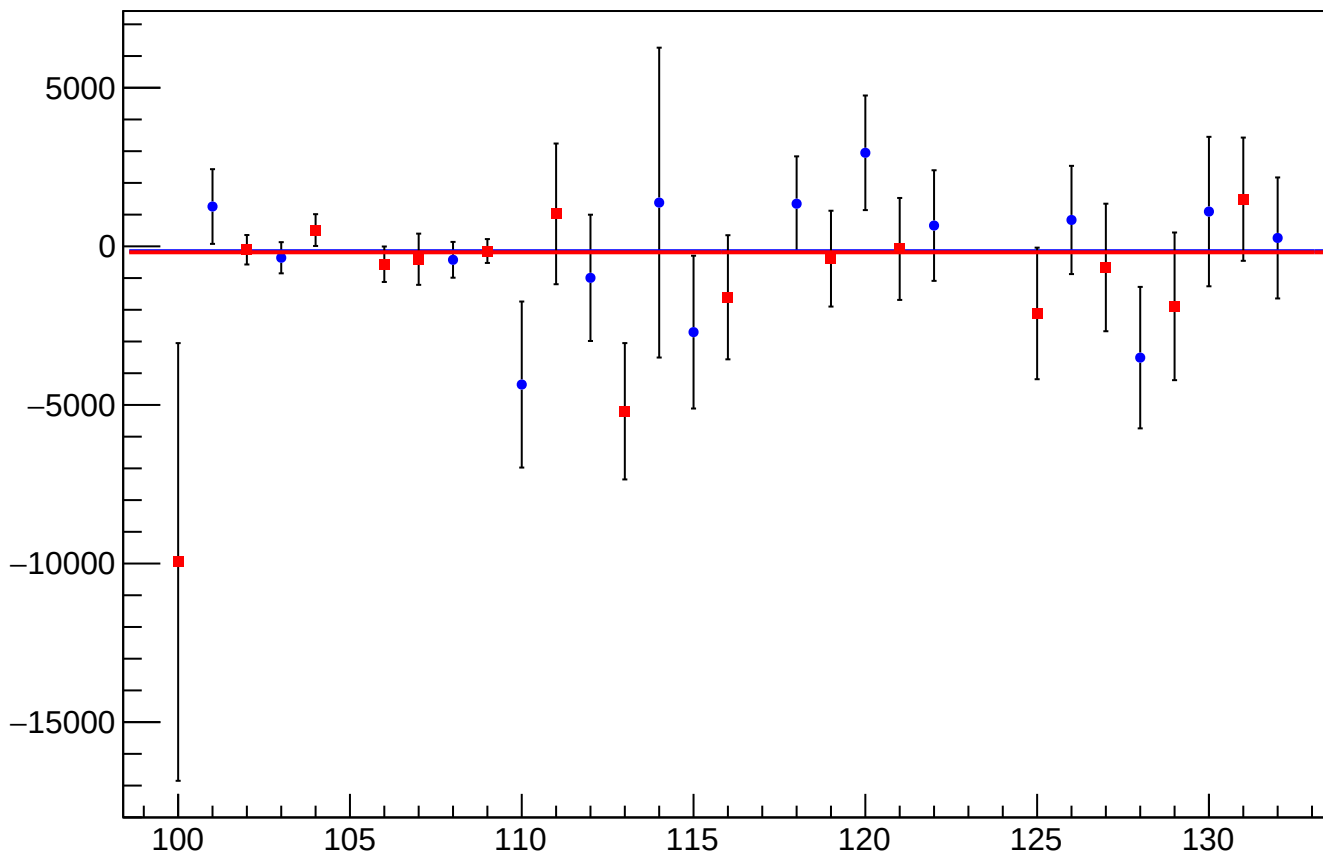
Right: 1398.380+/-0.290 χ^2/NDF : 539617.3/28

In: 1407.829+/-0.415 χ^2/NDF : 361993.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1398.380+/-0.290 χ^2/NDF : 539617.3/28

asym_us_dd_at2lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -153.259+/-305.729 χ^2/NDF : 12.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -187.252+/-209.116 χ^2/NDF : 13.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

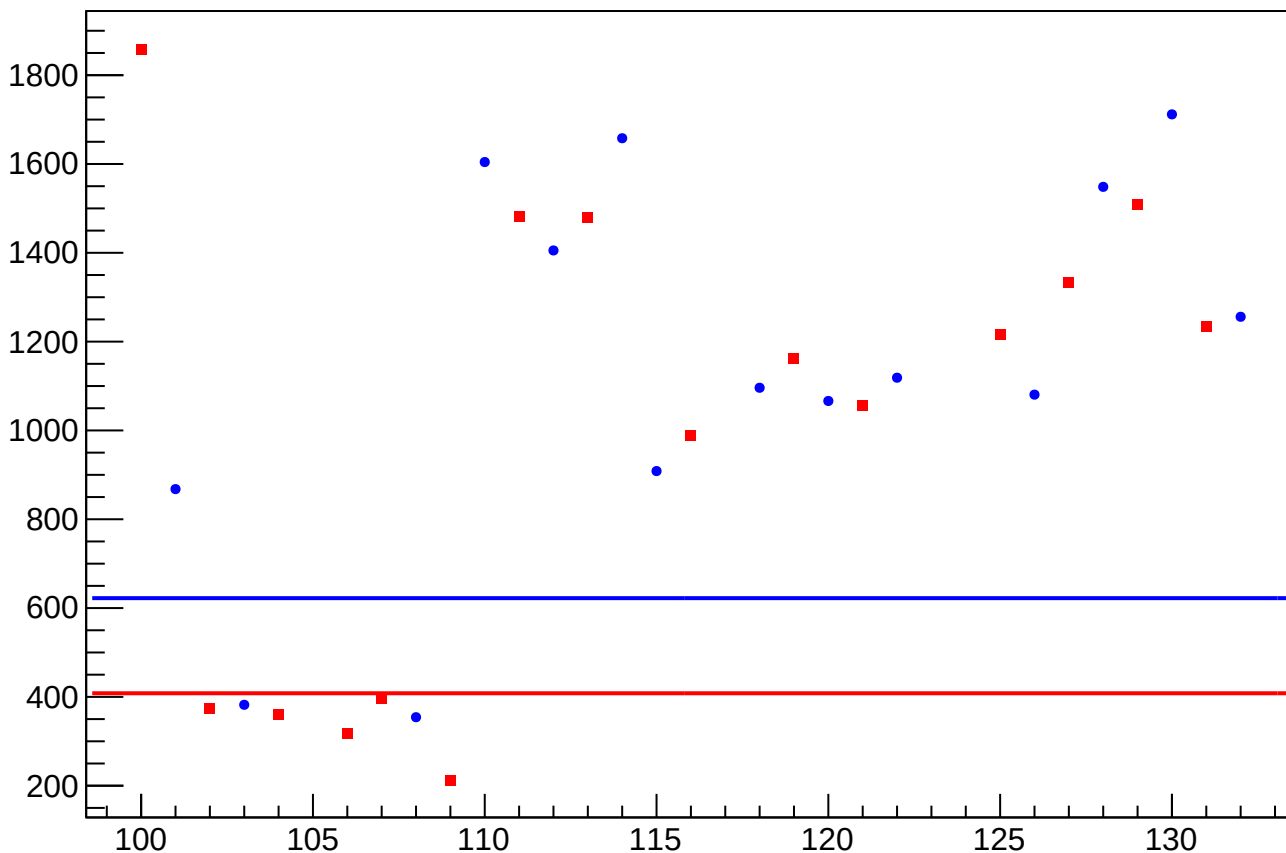
Right: -176.417+/-172.602 χ^2/NDF : 25.9/28

In: -153.259+/-305.729 χ^2/NDF : 12.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -176.417+/-172.602 χ^2/NDF : 25.9/28

asym_us_dd_at2lr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 622.347+/-0.216 χ^2/NDF : 3346730.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 408.170+/-0.148 χ^2/NDF : 4217864.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

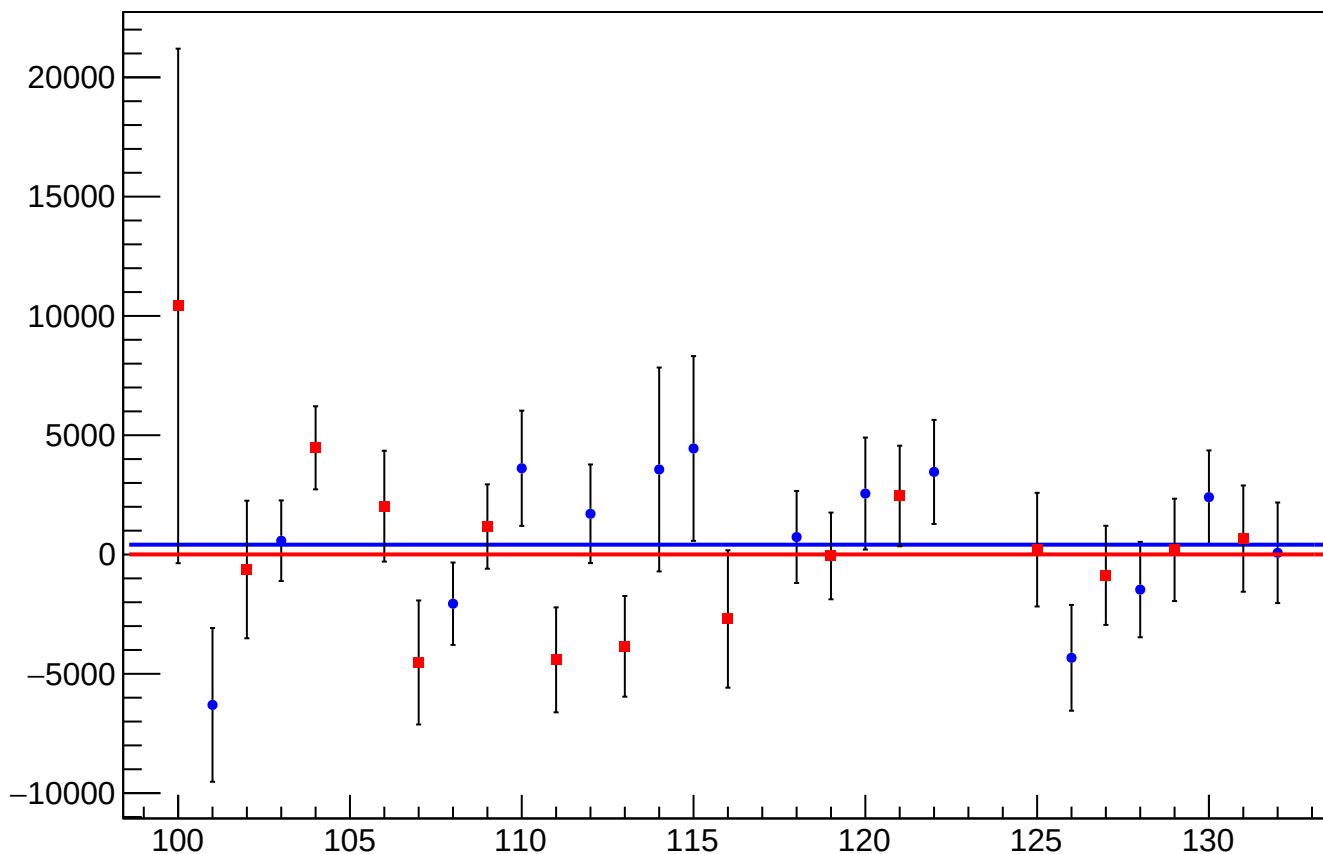
Right: 476.434+/-0.122 χ^2/NDF : 8233283.5/28

In: 622.347+/-0.216 χ^2/NDF : 3346730.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 476.434+/-0.122 χ^2/NDF : 8233283.5/28

eigen_dit_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 412.441+/-586.204 χ^2/NDF : 19.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.375+/-575.564 χ^2/NDF : 21.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

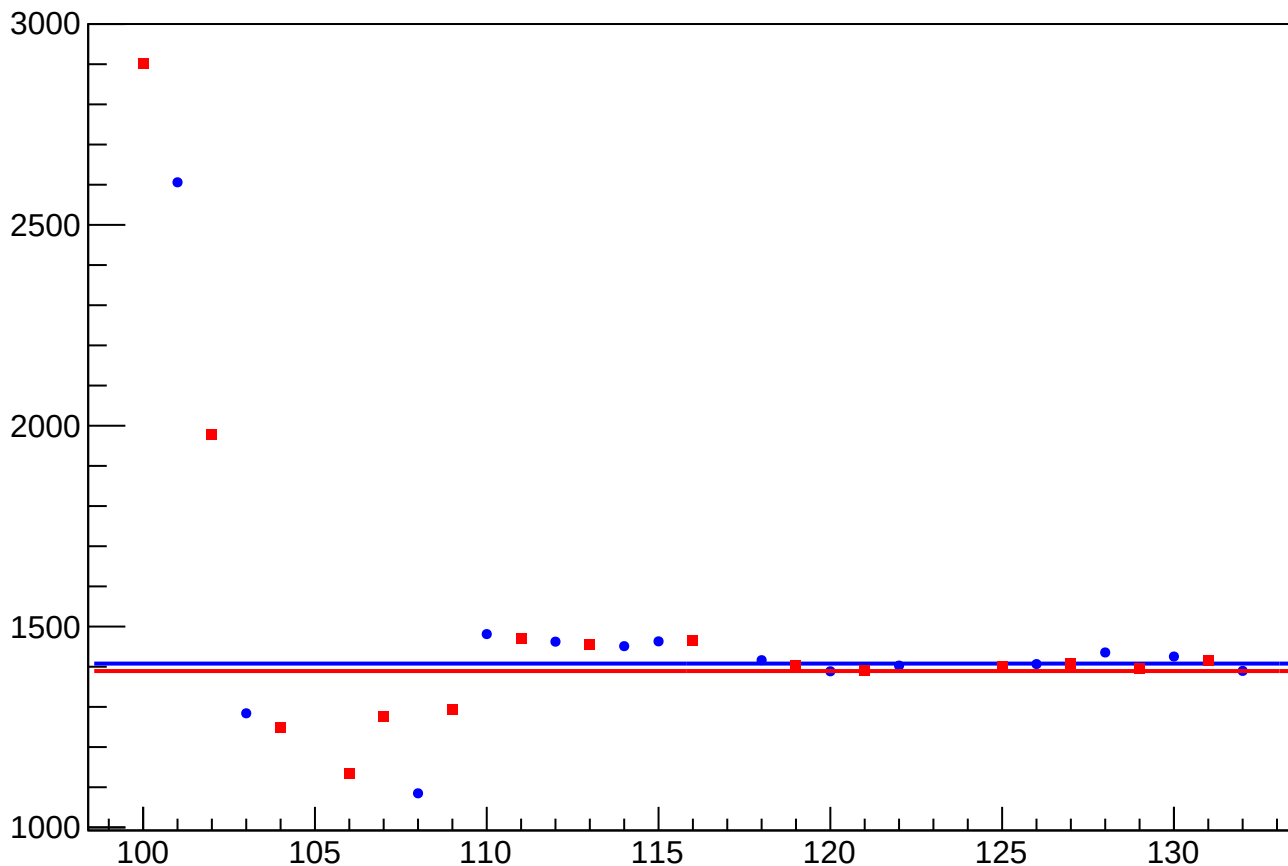
Right: 204.671+/-410.695 χ^2/NDF : 41.4/28

In: 412.441+/-586.204 χ^2/NDF : 19.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 204.671+/-410.695 χ^2/NDF : 41.4/28

eigen_dit_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1407.829+/-0.415 χ^2/NDF : 361992.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1389.270+/-0.407 χ^2/NDF : 176603.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

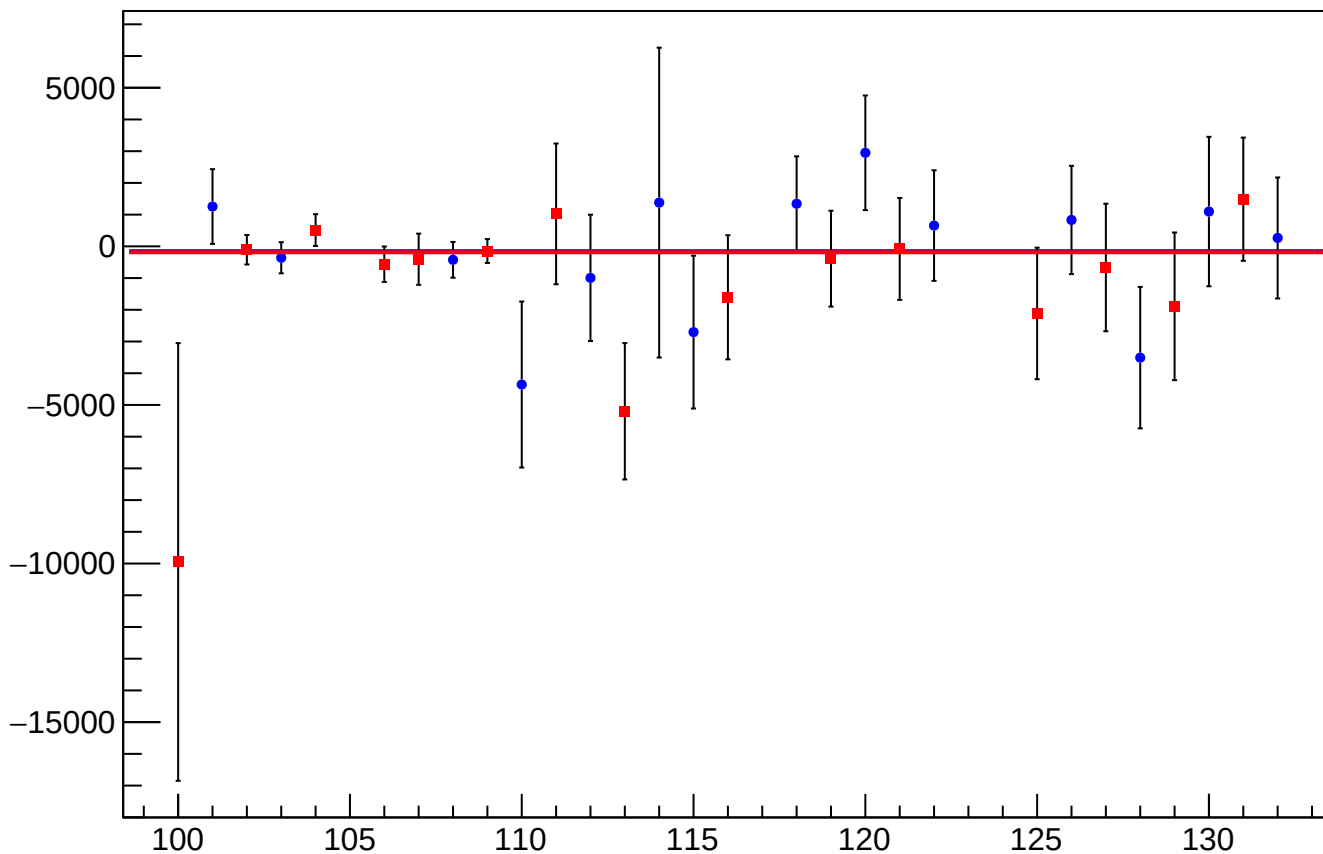
Right: 1398.379+/-0.290 χ^2/NDF : 539616.9/28

In: 1407.829+/-0.415 χ^2/NDF : 361992.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1398.379+/-0.290 χ^2/NDF : 539616.9/28

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -153.267+/-305.725 χ^2/NDF : 12.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -187.247+/-209.117 χ^2/NDF : 13.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

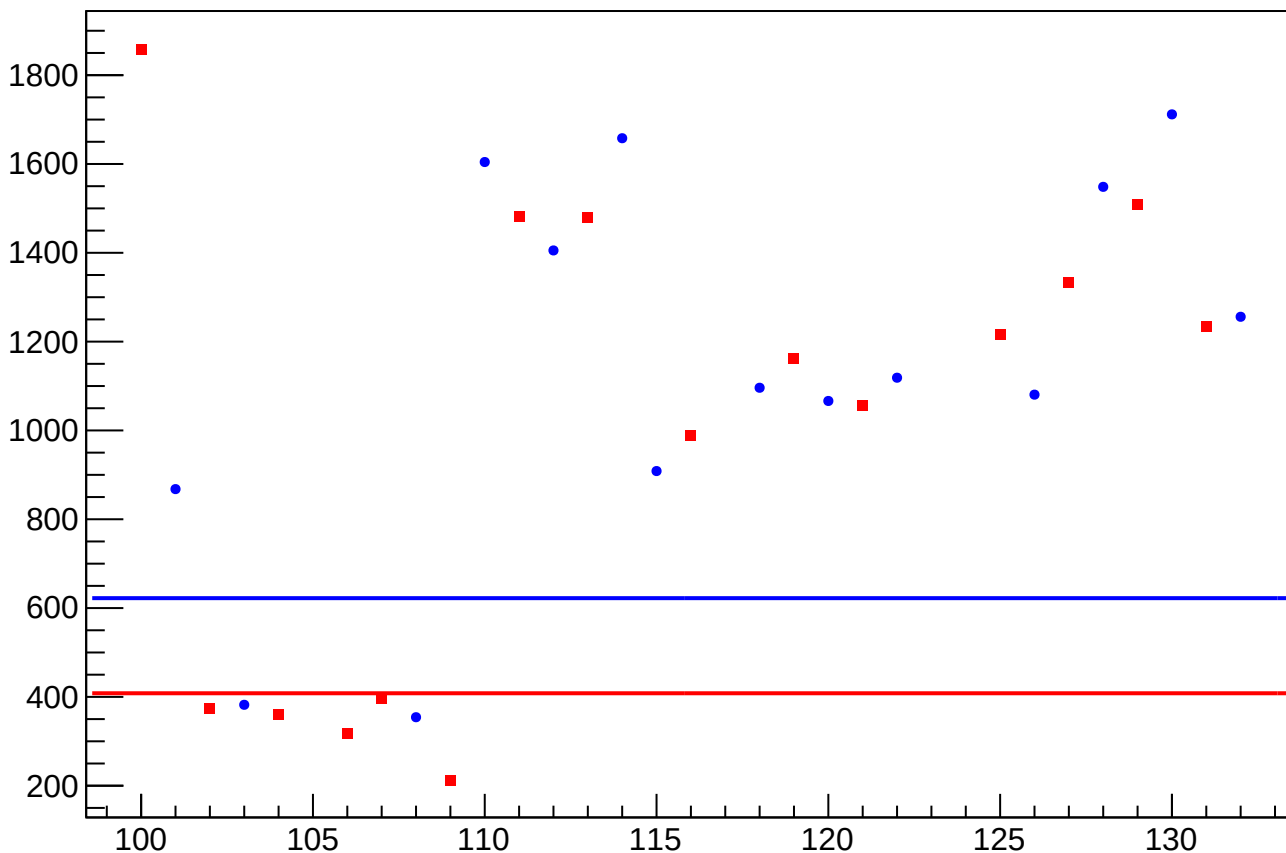
Right: -176.416+/-172.602 χ^2/NDF : 25.9/28

In: -153.267+/-305.725 χ^2/NDF : 12.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -176.416+/-172.602 χ^2/NDF : 25.9/28

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 622.337+/-0.216 χ^2/NDF : 3346799.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 408.175+/-0.148 χ^2/NDF : 4217781.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

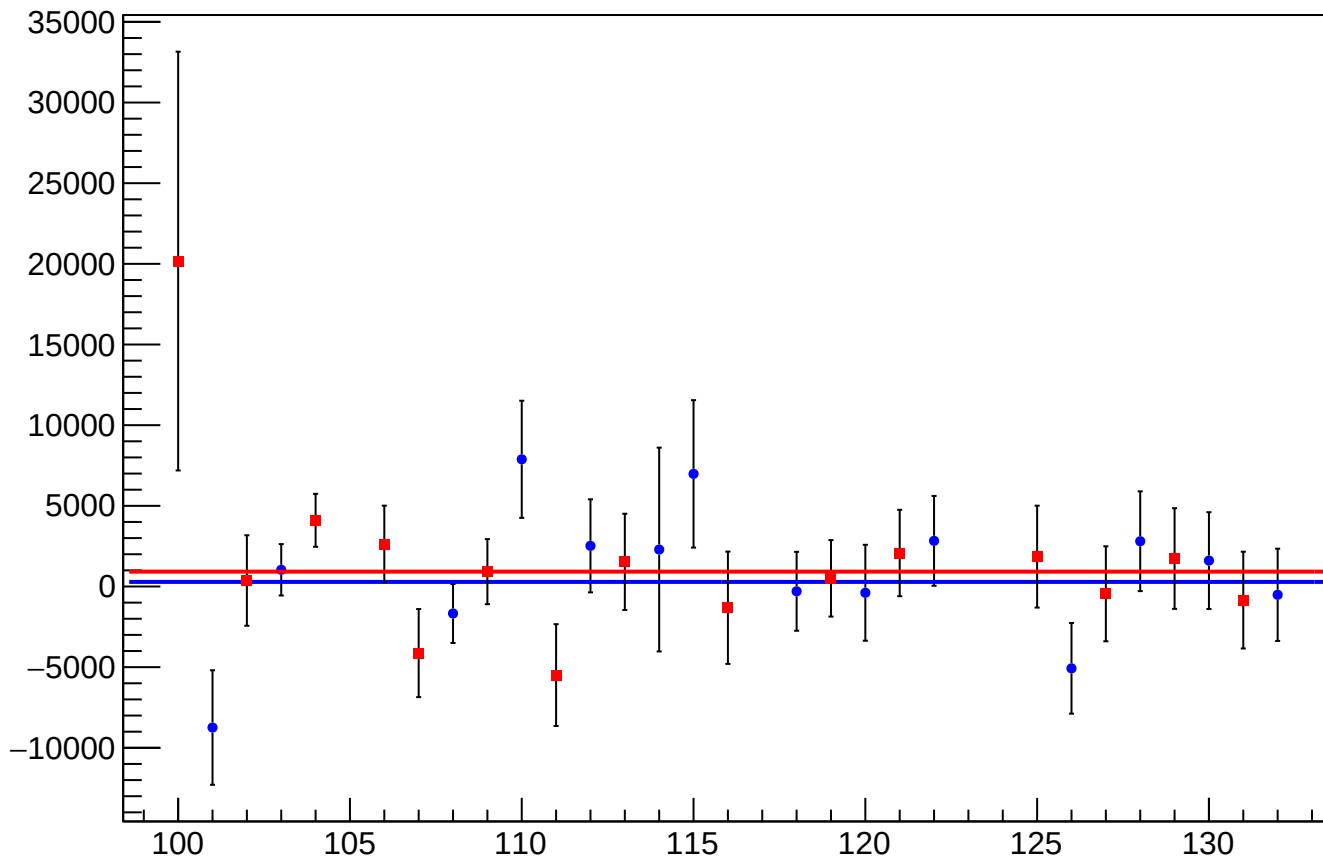
Right: 476.436+/-0.122 χ^2/NDF : 8233184.8/28

In: 622.337+/-0.216 χ^2/NDF : 3346799.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 476.436+/-0.122 χ^2/NDF : 8233184.8/28

asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 283.849+/-722.471 χ^2/NDF : 20.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 921.212+/-689.458 χ^2/NDF : 15.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

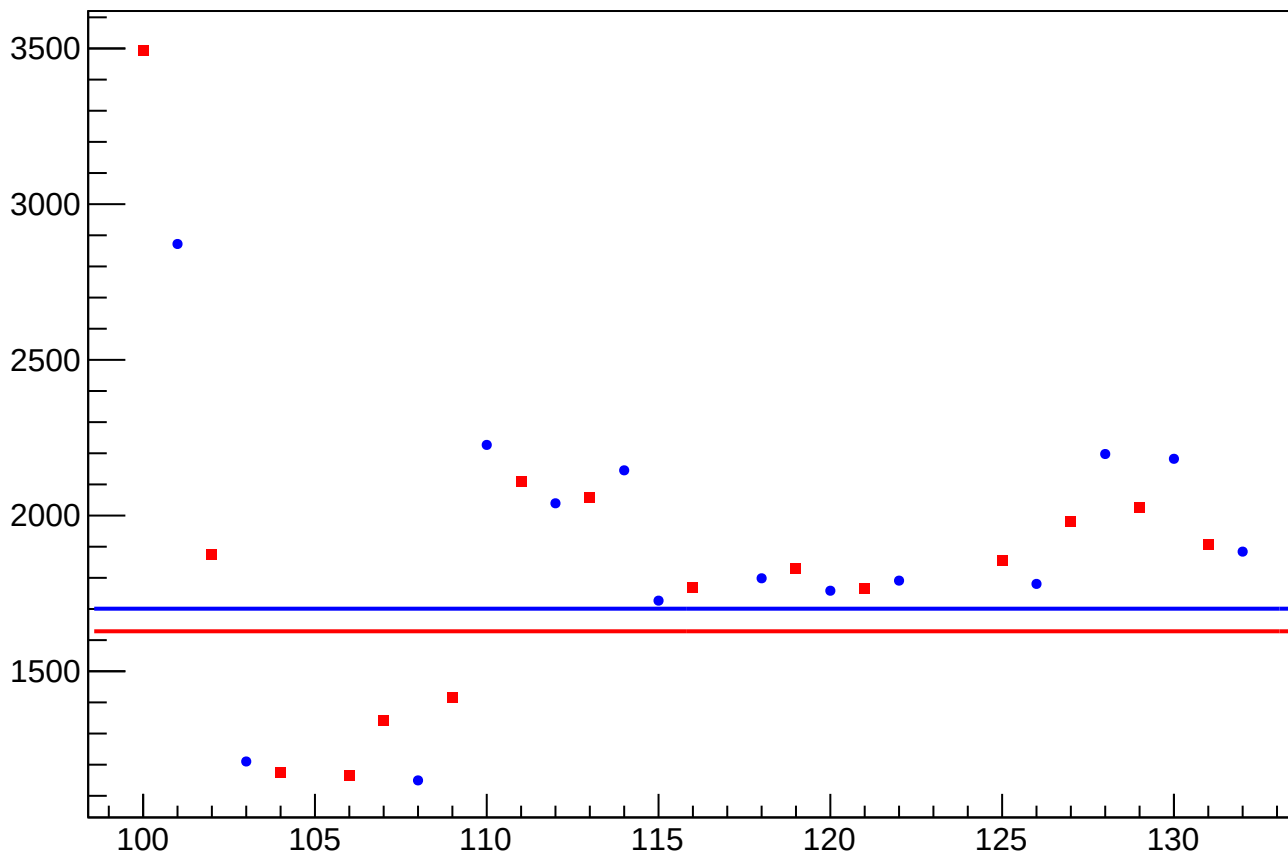
Right: 617.425+/-498.783 χ^2/NDF : 36.4/28

In: 283.849+/-722.471 χ^2/NDF : 20.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 617.425+/-498.783 χ^2/NDF : 36.4/28

asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1700.934+/-0.511 χ^2/NDF : 787941.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1628.363+/-0.488 χ^2/NDF : 528841.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

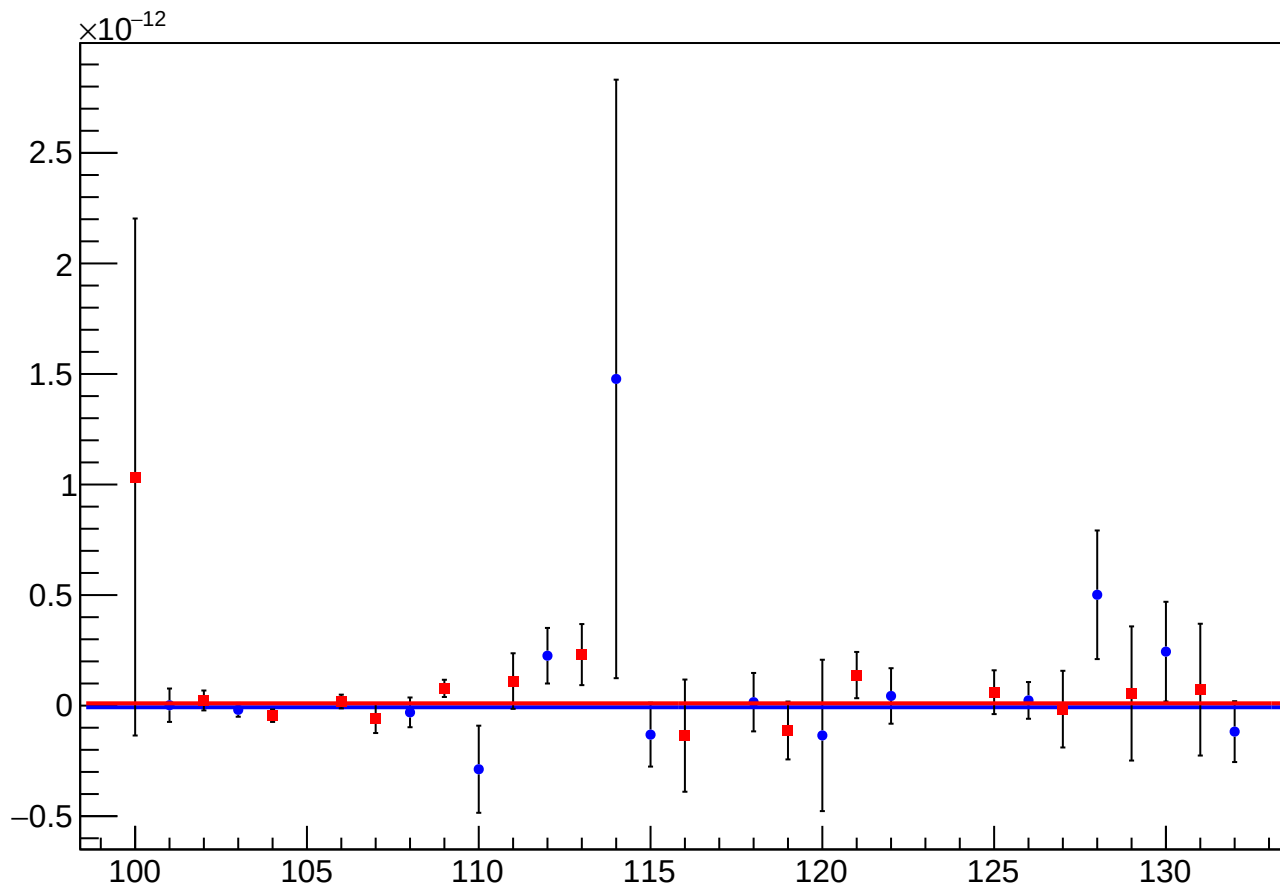
Right: 1662.953+/-0.353 χ^2/NDF : 1327345.3/28

In: 1700.934+/-0.511 χ^2/NDF : 787941.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1662.953+/-0.353 χ^2/NDF : 1327345.3/28

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 13.1/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 15.2/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

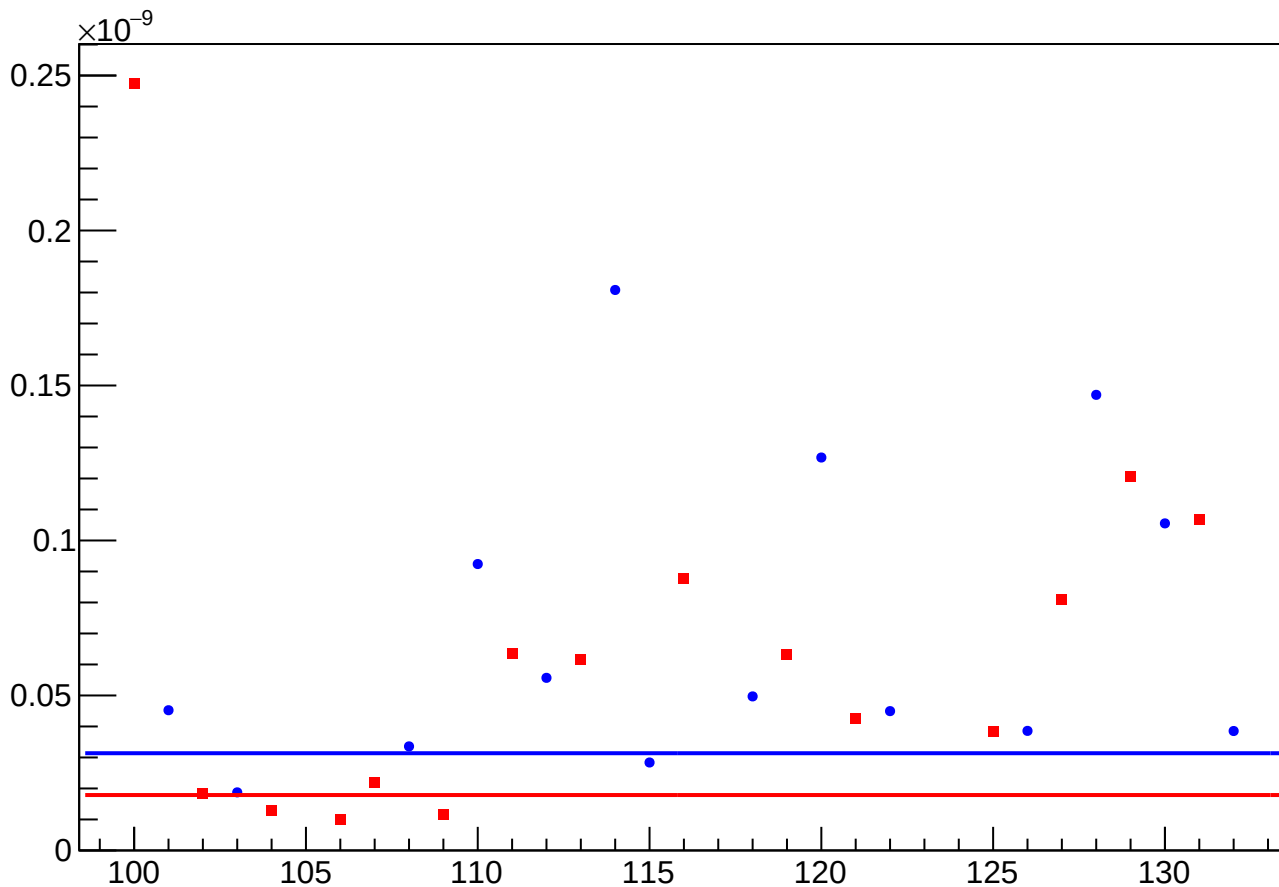
Right: 0.000+/-0.000 χ^2 /NDF: 28.7/28

In: -0.000+/-0.000 χ^2 /NDF:13.1/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 28.7/28

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1458637.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2059231.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

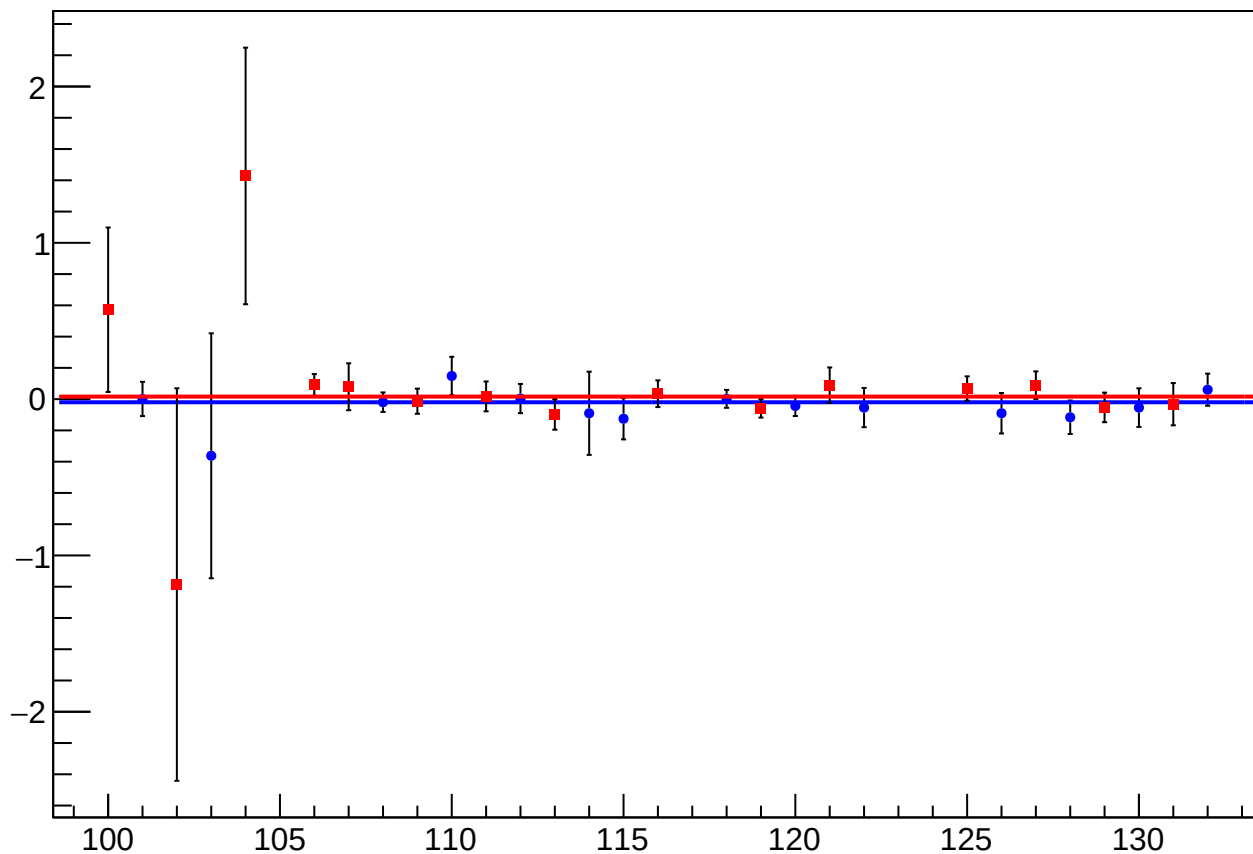
Right: 0.000+/-0.000 χ^2/NDF : 3993992.2/28

In: 0.000+/-0.000 χ^2/NDF :1458637.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3993992.2/28

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.026 χ^2/NDF : 5.0/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.016 ± 0.025 χ^2/NDF : 11.7/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

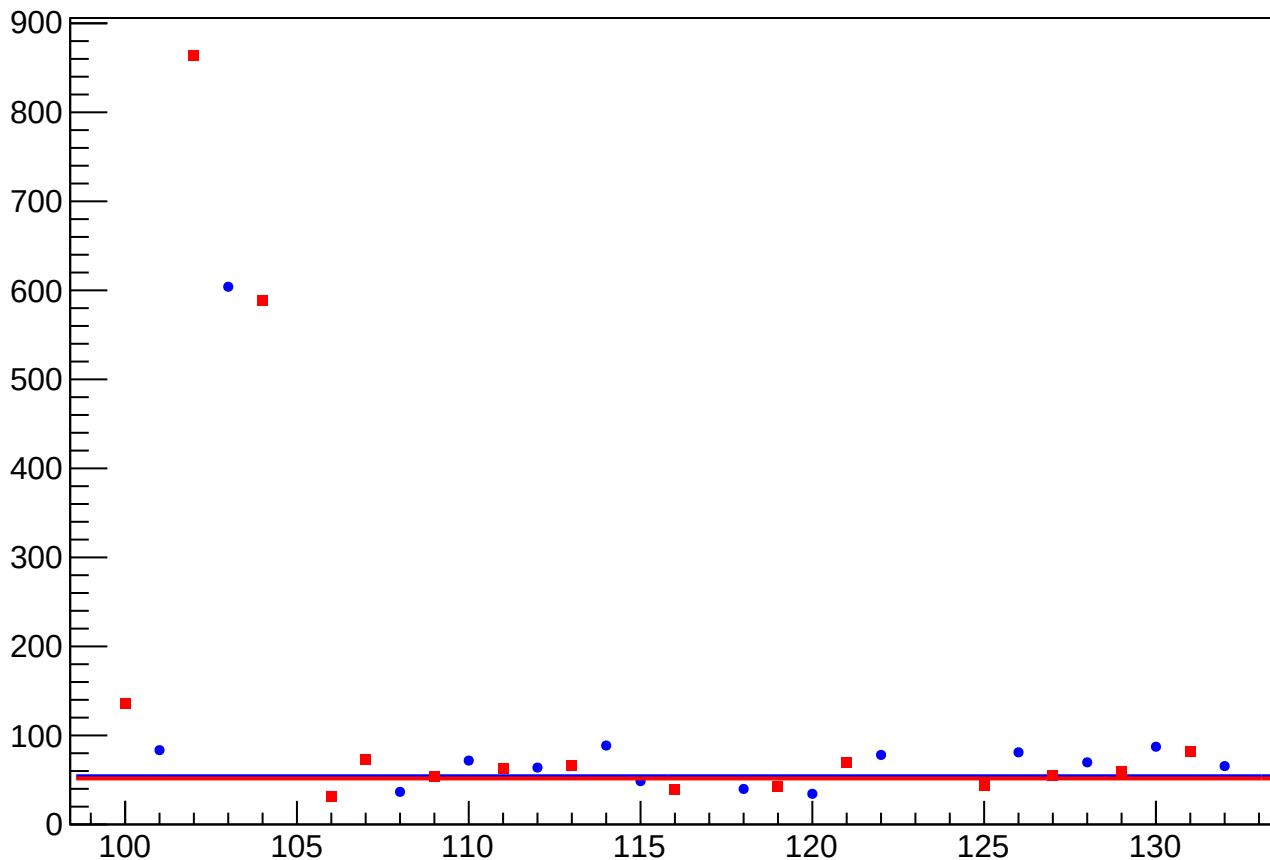
Right: -0.001 ± 0.018 χ^2/NDF : 17.7/28

In: -0.020 ± 0.026 χ^2/NDF : 5.0/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.001 ± 0.018 χ^2/NDF : 17.7/28

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.130+/-0.018 χ^2/NDF : 2067965.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.679+/-0.018 χ^2/NDF : 2308077.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

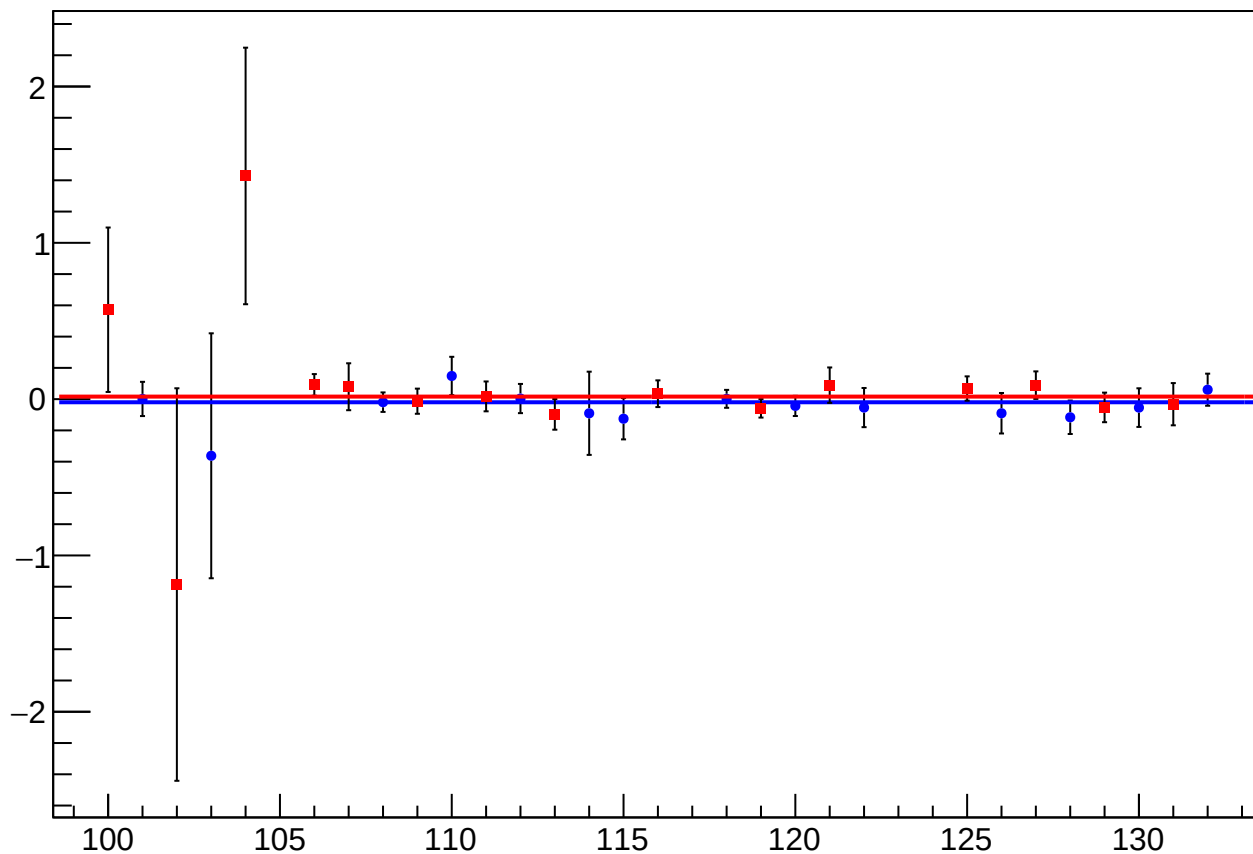
Right: 52.873+/-0.013 χ^2/NDF : 4385342.6/28

In: 54.130+/-0.018 χ^2/NDF : 2067965.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.873+/-0.013 χ^2/NDF : 4385342.6/28

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.026 χ^2/NDF : 5.0/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.016 ± 0.025 χ^2/NDF : 11.7/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

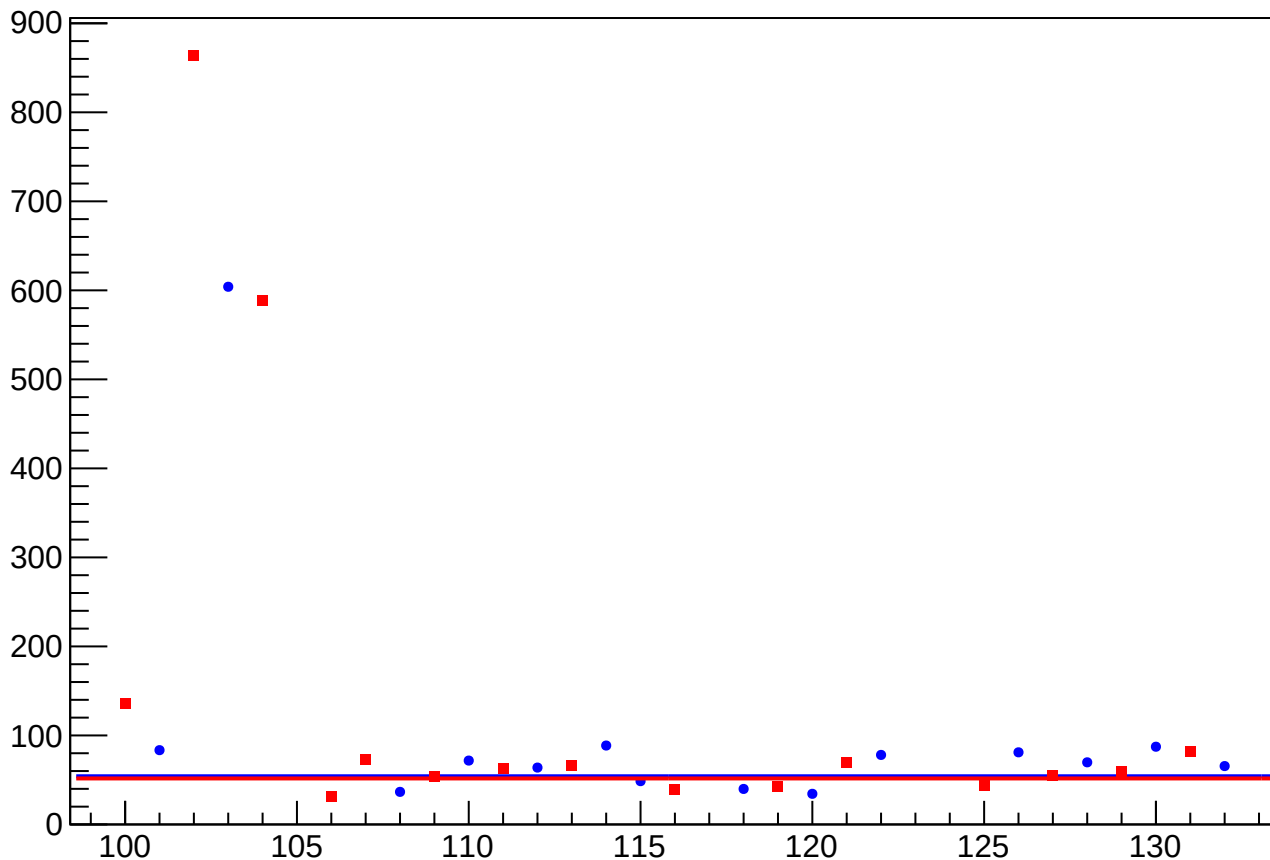
Right: -0.001 ± 0.018 χ^2/NDF : 17.7/28

In: -0.020 ± 0.026 χ^2/NDF : 5.0/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.001 ± 0.018 χ^2/NDF : 17.7/28

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.130+/-0.018 χ^2/NDF : 2067965.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.679+/-0.018 χ^2/NDF : 2308077.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

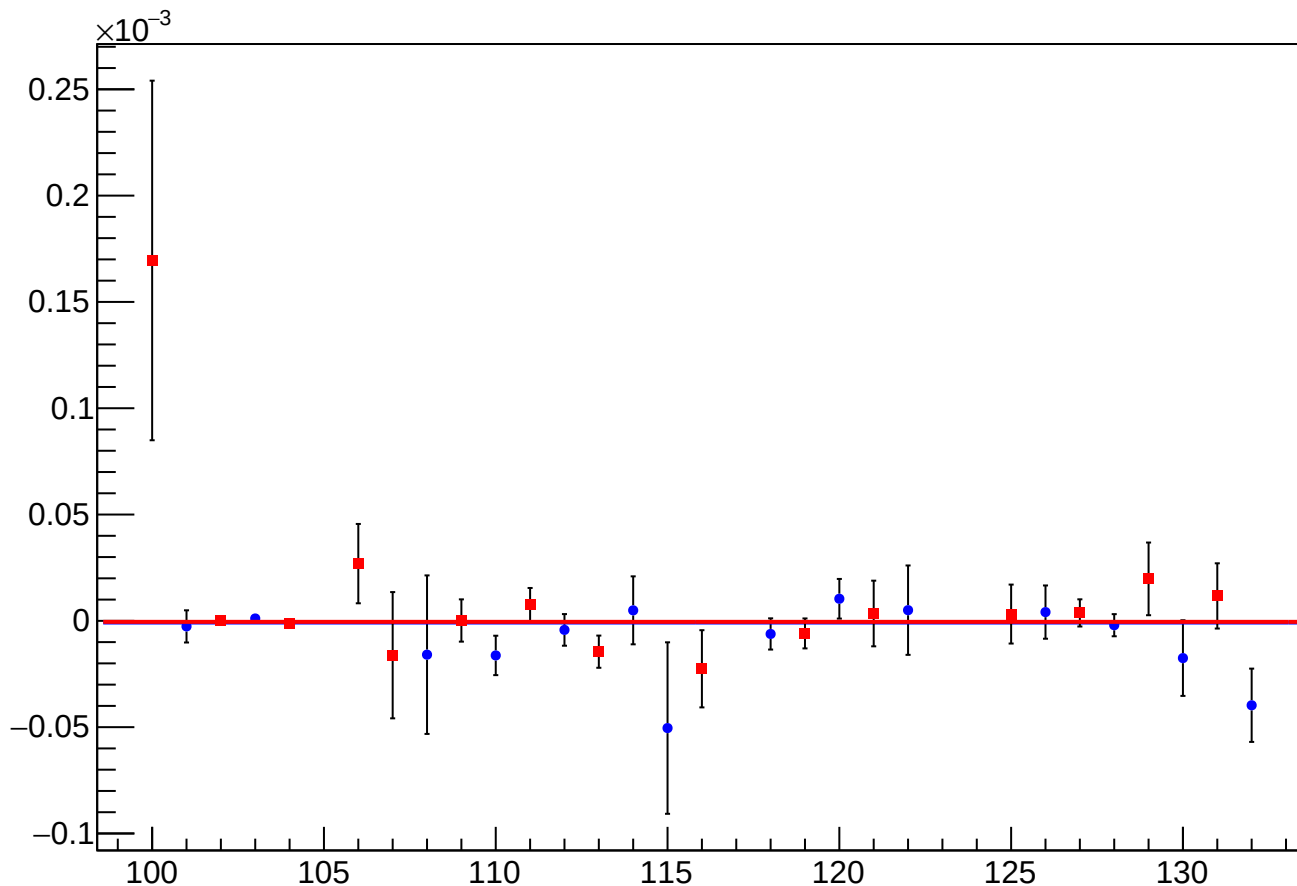
Right: 52.873+/-0.013 χ^2/NDF : 4385342.6/28

In: 54.130+/-0.018 χ^2/NDF : 2067965.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.873+/-0.013 χ^2/NDF : 4385342.6/28

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

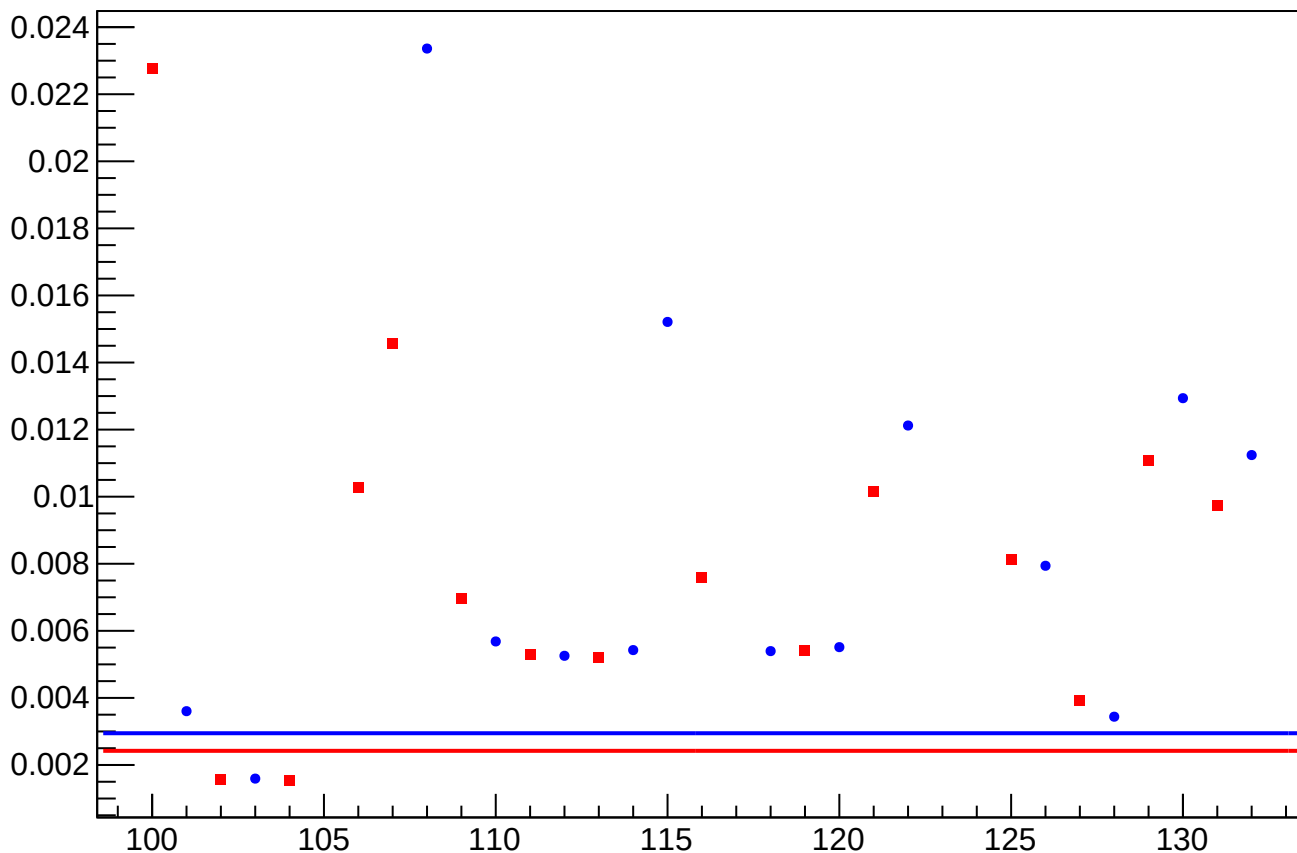
Right: -0.000+/-0.000 χ^2/NDF : 29.8/28

In: -0.000+/-0.000 χ^2/NDF : 14.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.8/28

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 4272199.3/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 4927922.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

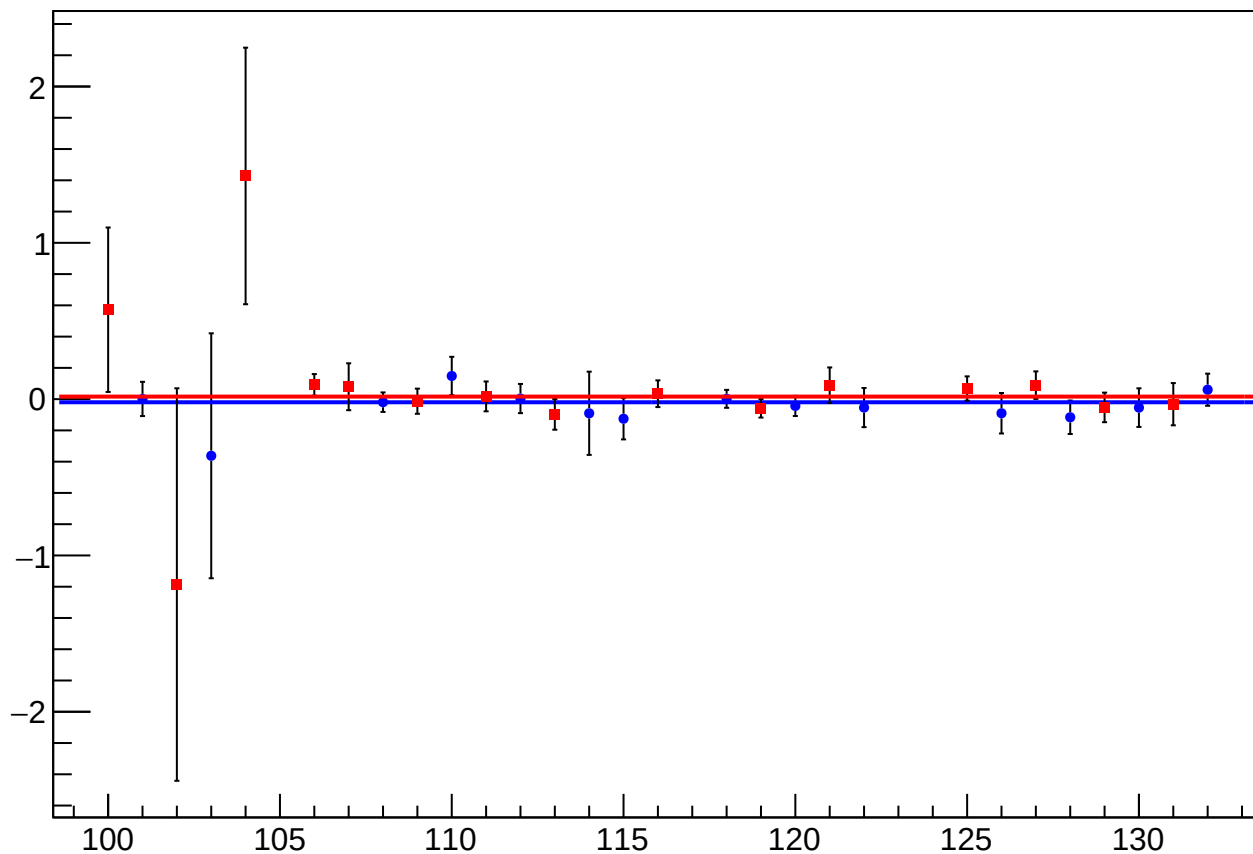
Right: 0.003+/-0.000 χ^2/NDF : 9326221.5/28

In: 0.003+/-0.000 χ^2/NDF :4272199.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 9326221.5/28

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.026 χ^2/NDF : 5.0/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.016 ± 0.025 χ^2/NDF : 11.7/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

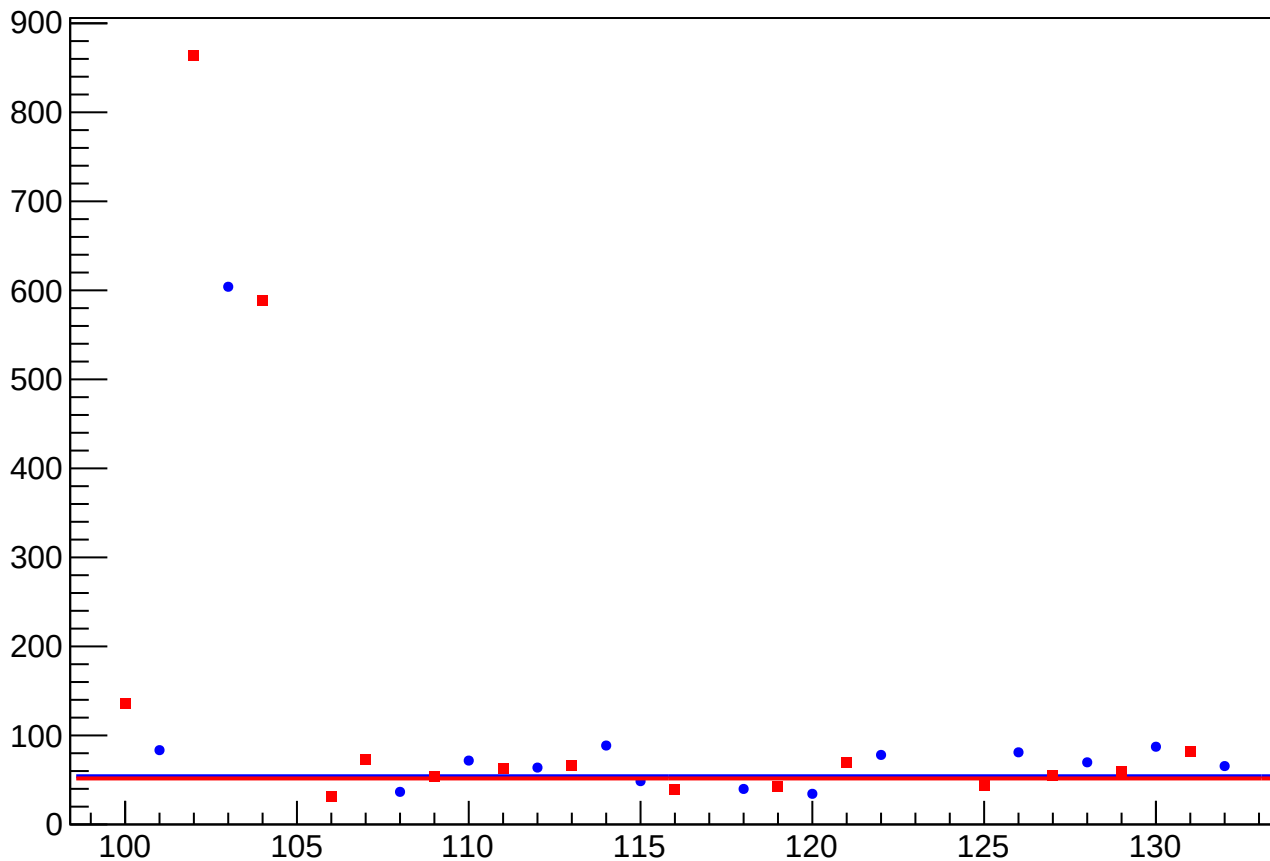
Right: -0.001 ± 0.018 χ^2/NDF : 17.7/28

In: -0.020 ± 0.026 χ^2/NDF : 5.0/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.001 ± 0.018 χ^2/NDF : 17.7/28

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.134+/-0.018 χ^2/NDF : 2067567.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 51.681+/-0.018 χ^2/NDF : 2307849.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

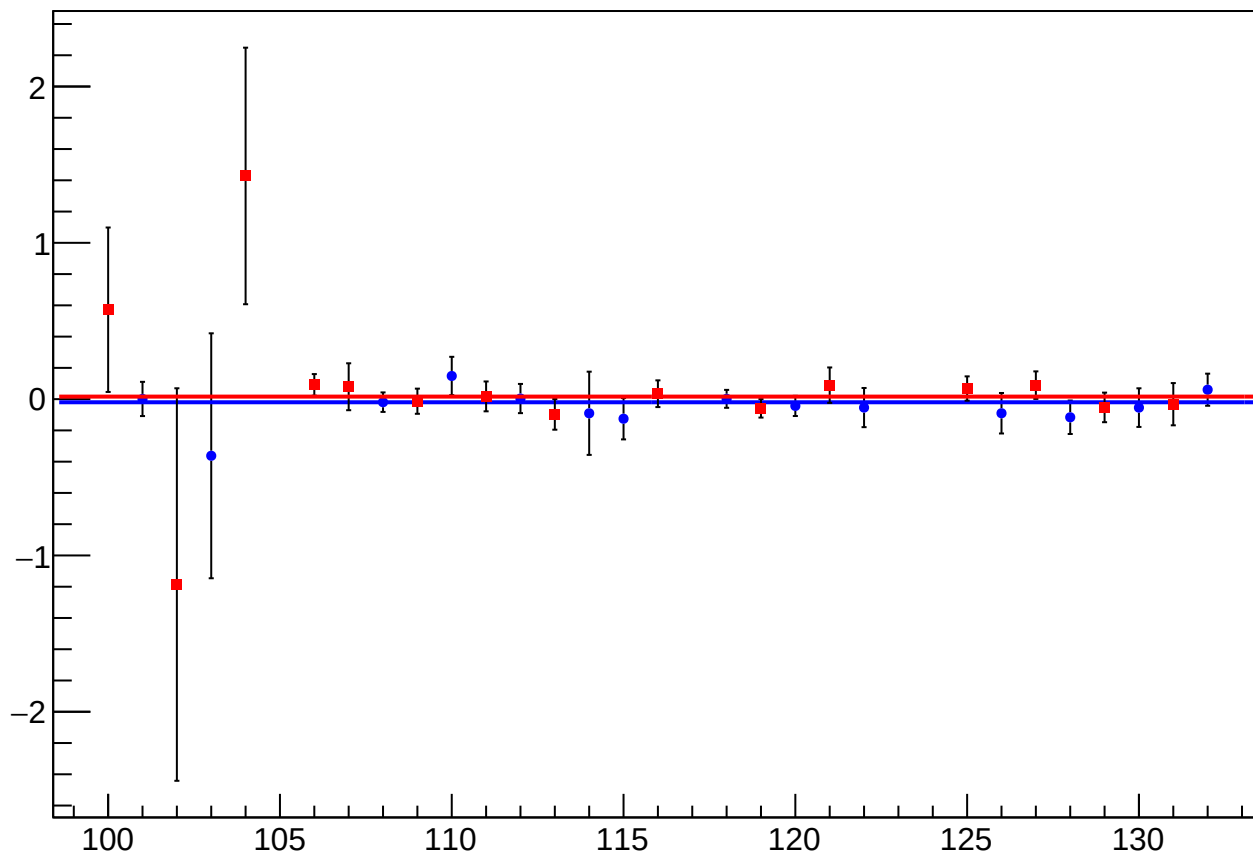
Right: 52.876+/-0.013 χ^2/NDF : 4384736.7/28

In: 54.134+/-0.018 χ^2/NDF :2067567.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 52.876+/-0.013 χ^2/NDF : 4384736.7/28

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 $\pm$ 0.026 χ^2/NDF : 5.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.016 $\pm$ 0.025 χ^2/NDF : 11.7/14

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

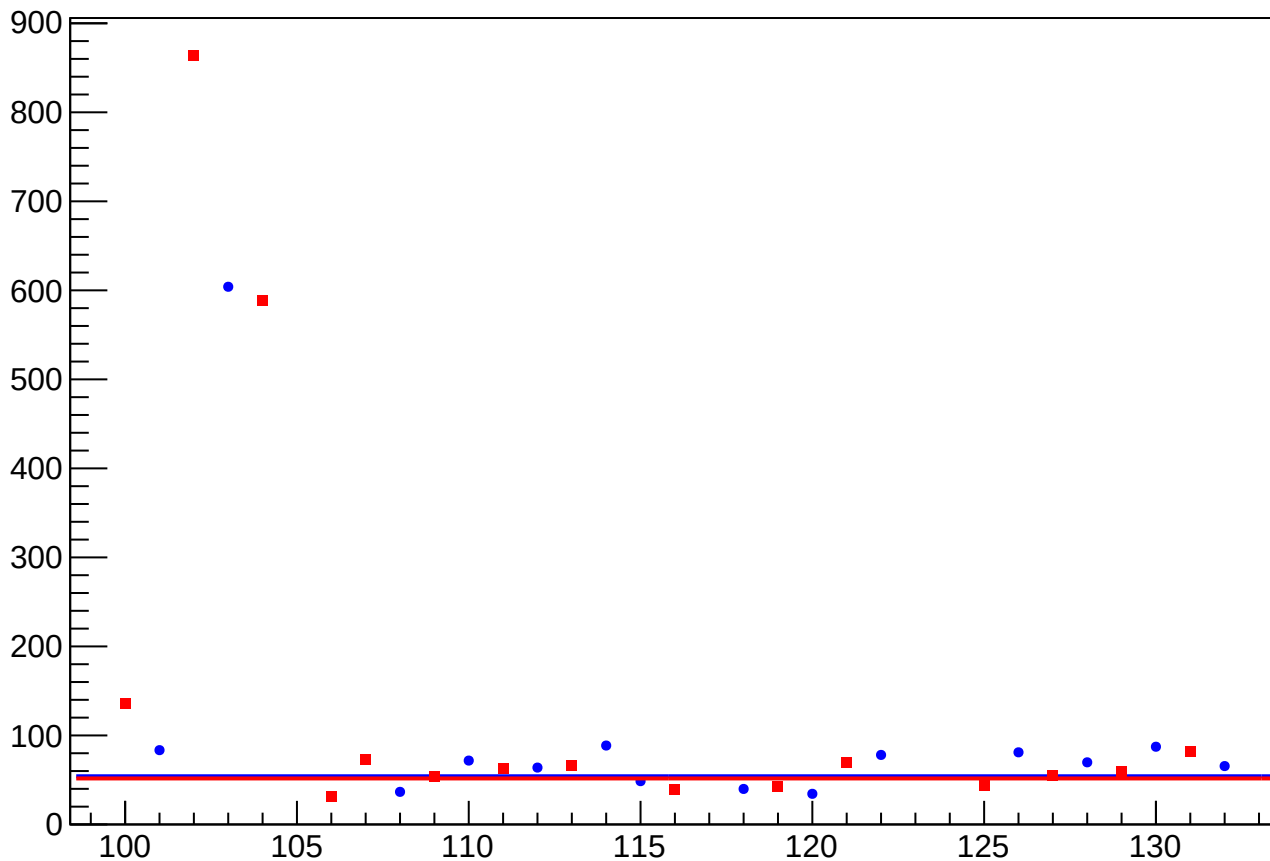
Right: -0.001 $\pm$ 0.018 χ^2/NDF : 17.7/28

In: -0.020 $\pm$ 0.026 χ^2/NDF : 5.0/13

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.001 $\pm$ 0.018 χ^2/NDF : 17.7/28

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.134+/-0.018 χ^2/NDF : 2067567.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.681+/-0.018 χ^2/NDF : 2307849.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

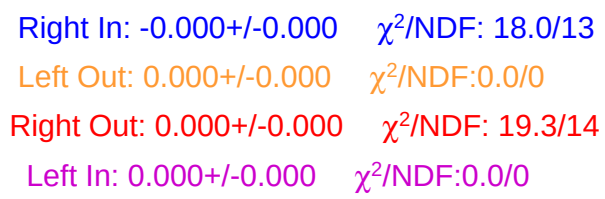
Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 52.876+/-0.013 χ^2/NDF : 4384736.7/28

In: 54.134+/-0.018 χ^2/NDF : 2067567.7/13

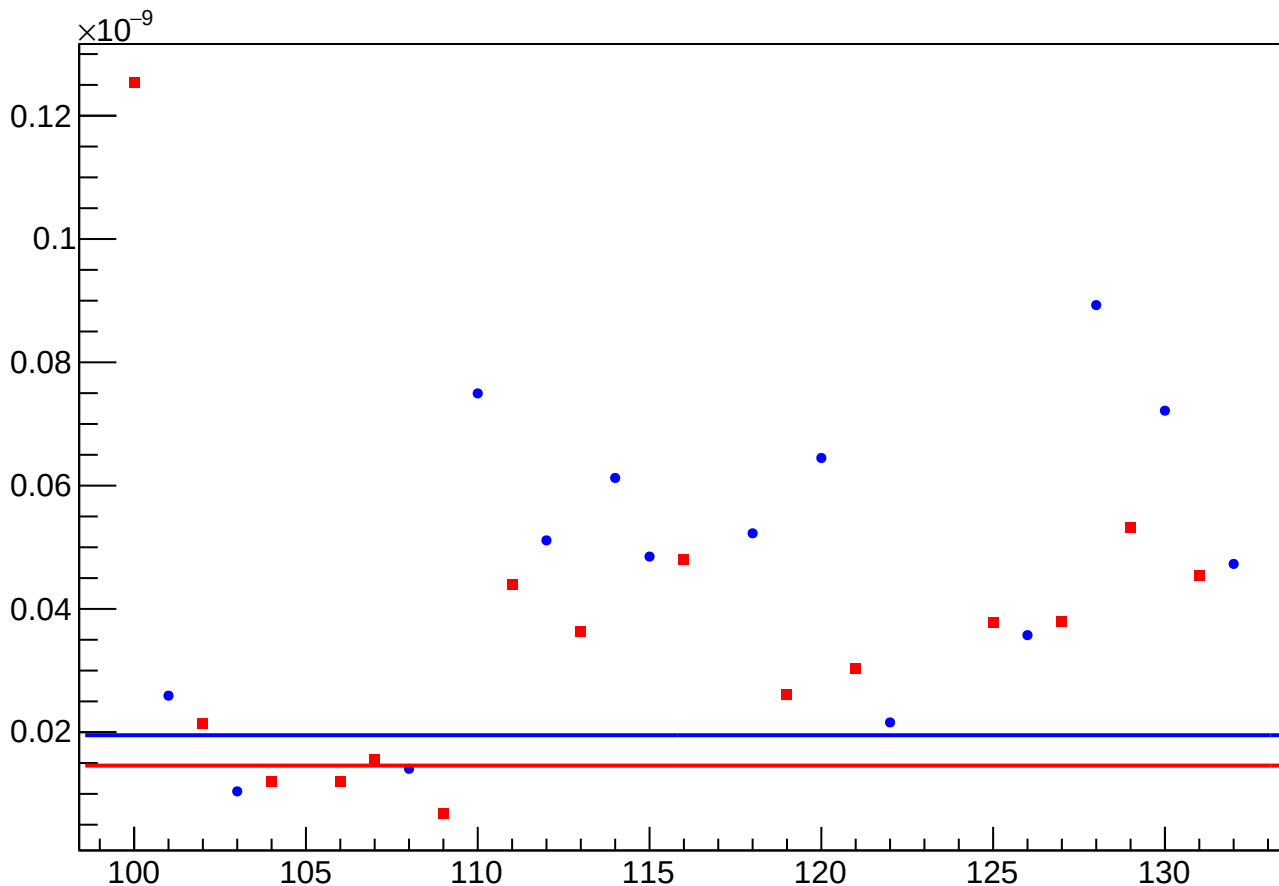
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.876+/-0.013 χ^2/NDF : 4384736.7/28

$\times 10^{-12}$ 

All: 0.000+/-0.000 χ^2/NDF : 38.4/28

asym_us_dd_at2lr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2953708.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2373959.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

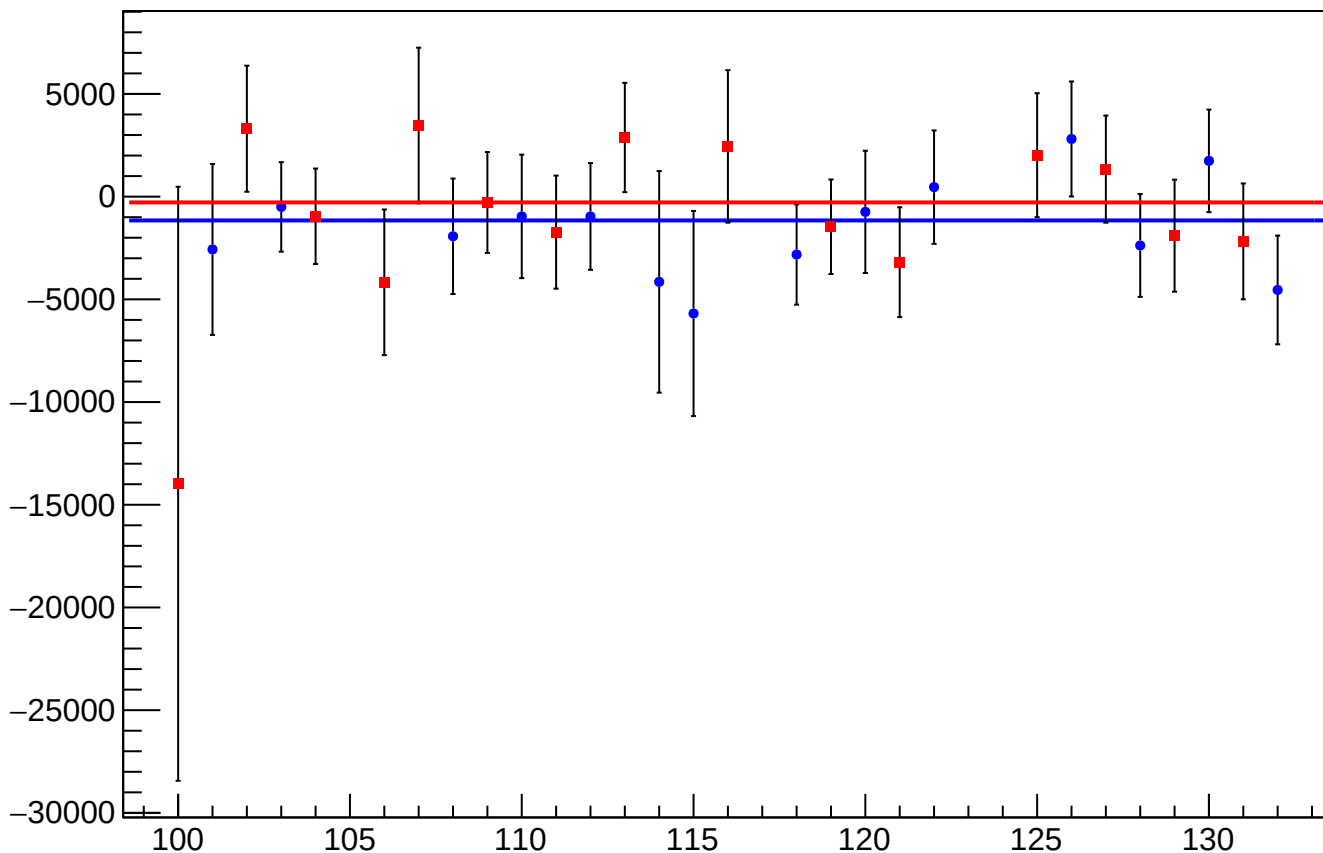
Right: 0.000+/-0.000 χ^2/NDF : 5514362.0/28

In: 0.000+/-0.000 χ^2/NDF : 2953708.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5514362.0/28

reg_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1158.041 $\pm$ 760.252 χ^2 /NDF: 7.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -281.310 $\pm$ 744.829 χ^2 /NDF: 10.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

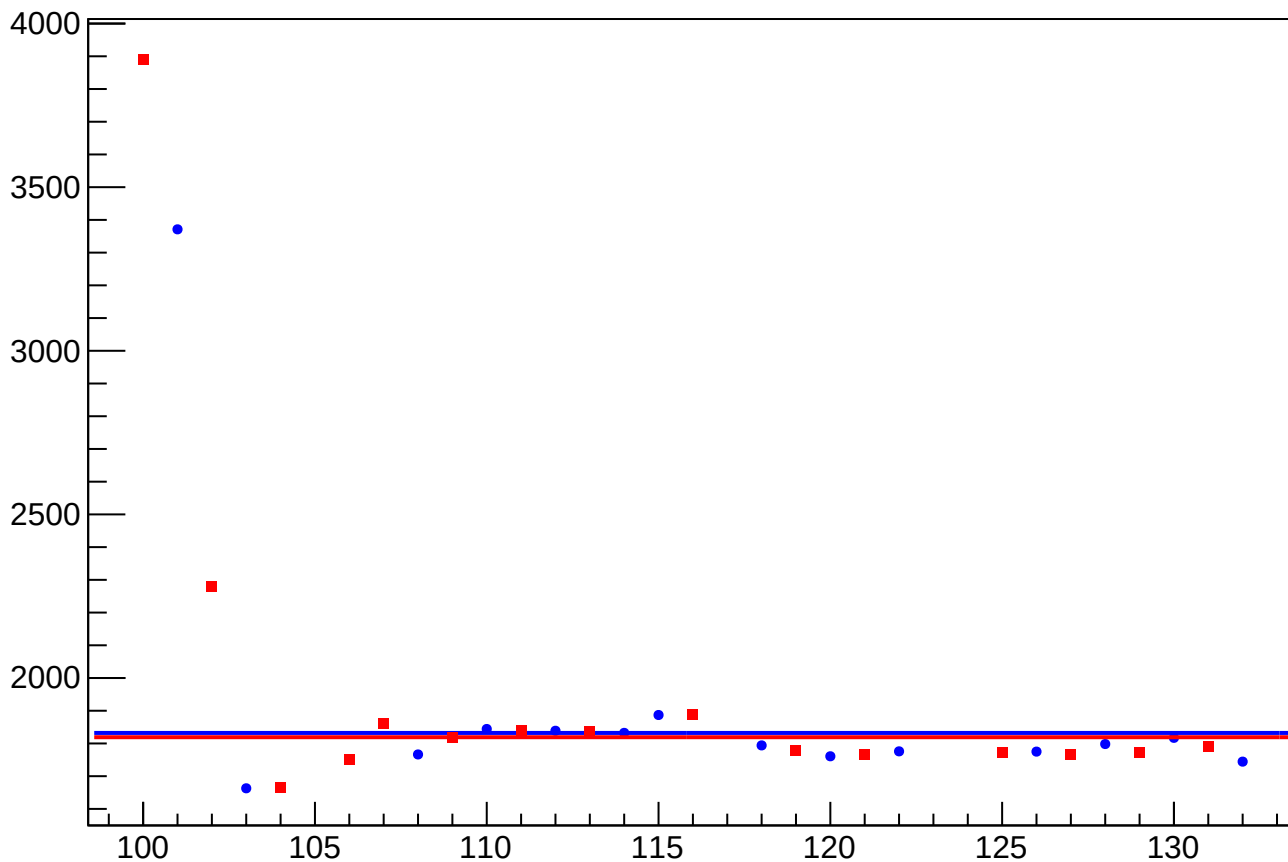
Right: -710.692 $\pm$ 532.043 χ^2 /NDF: 18.1/28

In: -1158.041 $\pm$ 760.252 χ^2 /NDF: 7.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -710.692 $\pm$ 532.043 χ^2 /NDF: 18.1/28

reg_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1832.177+/-0.538 χ^2/NDF : 292833.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1819.091+/-0.527 χ^2/NDF : 100270.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

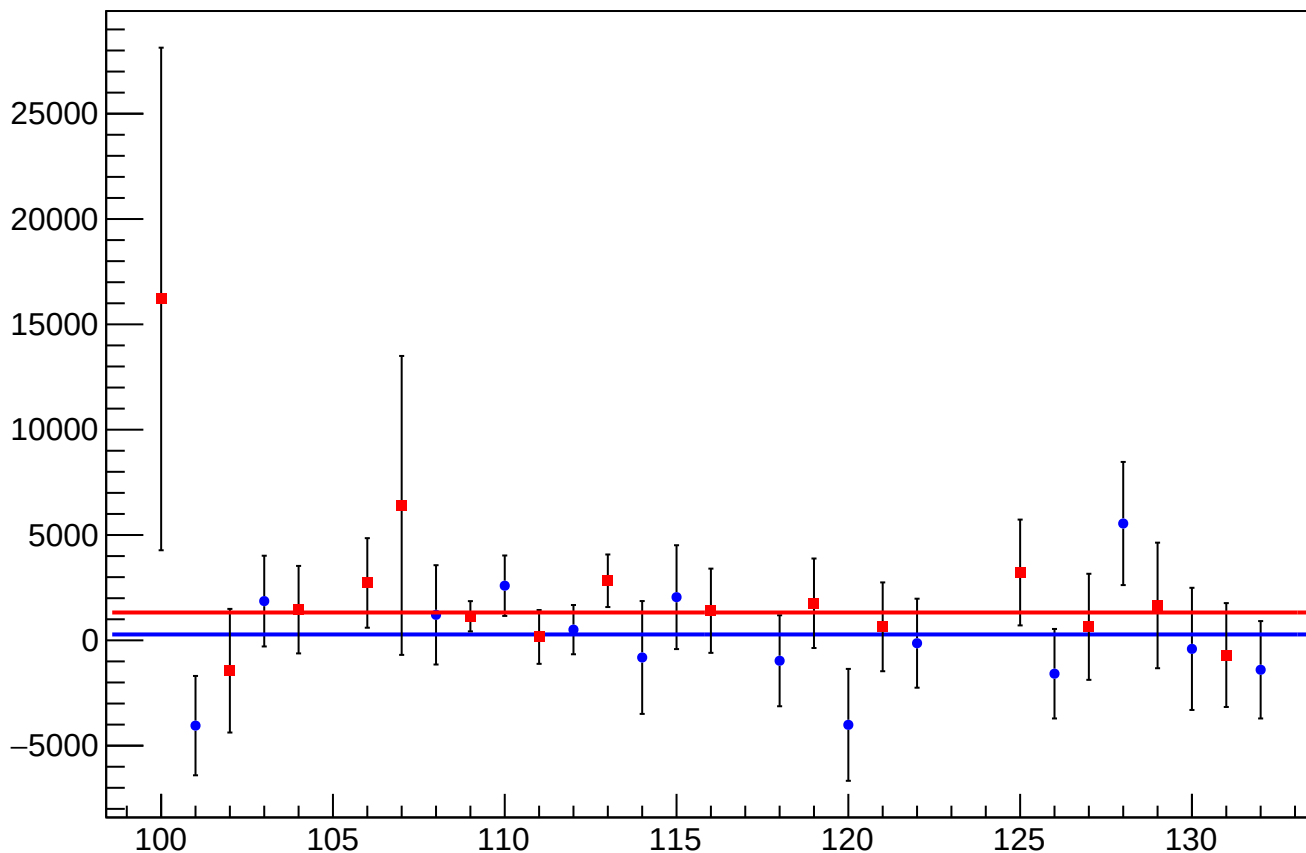
Right: 1825.500+/-0.376 χ^2/NDF : 393407.0/28

In: 1832.177+/-0.538 χ^2/NDF : 292833.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1825.500+/-0.376 χ^2/NDF : 393407.0/28

asym_us_dd_atlr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 279.774+/-548.668 χ^2/NDF : 15.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1321.962+/-443.574 χ^2/NDF : 7.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

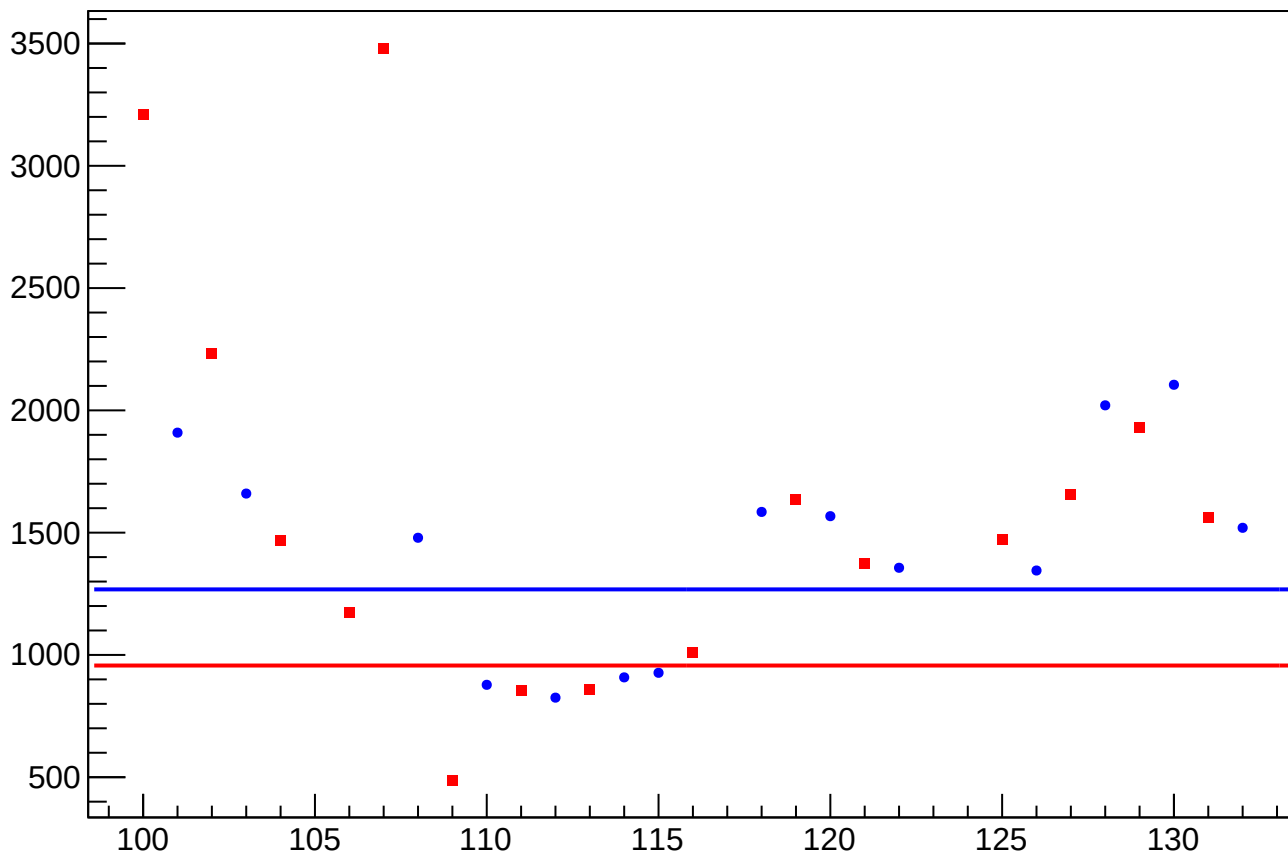
Right: 910.029+/-344.946 χ^2/NDF : 24.4/28

In: 279.774+/-548.668 χ^2/NDF : 15.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 910.029+/-344.946 χ^2/NDF : 24.4/28

asym_us_dd_atlr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1267.986+/-0.388 χ^2/NDF : 1136482.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 956.664+/-0.314 χ^2/NDF : 2588231.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

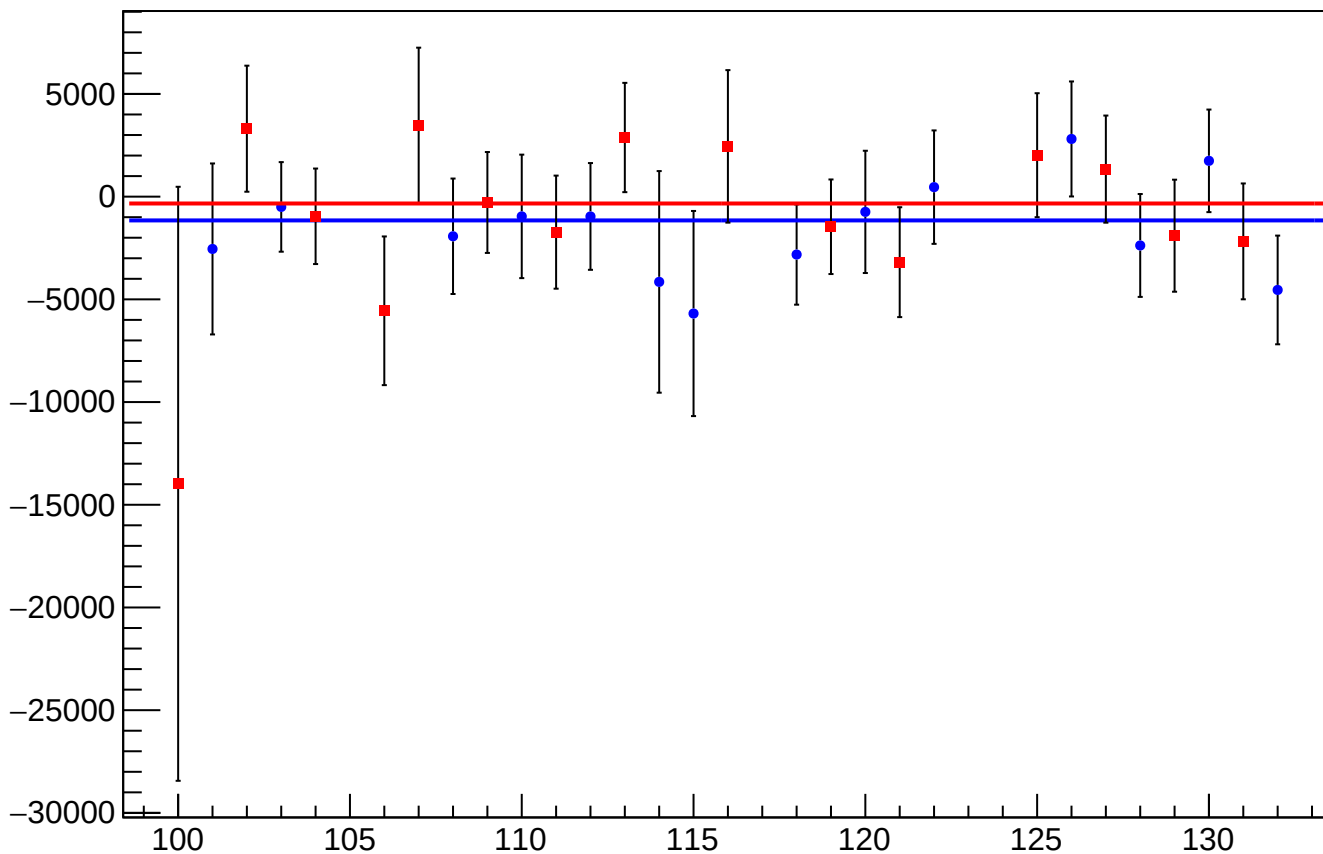
Right: 1079.717+/-0.244 χ^2/NDF : 4114118.0/28

In: 1267.986+/-0.388 χ^2/NDF : 1136482.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1079.717+/-0.244 χ^2/NDF : 4114118.0/28

cor_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1157.213 $\pm$ 760.253 χ^2 /NDF: 7.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -333.309 $\pm$ 745.501 χ^2 /NDF: 10.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

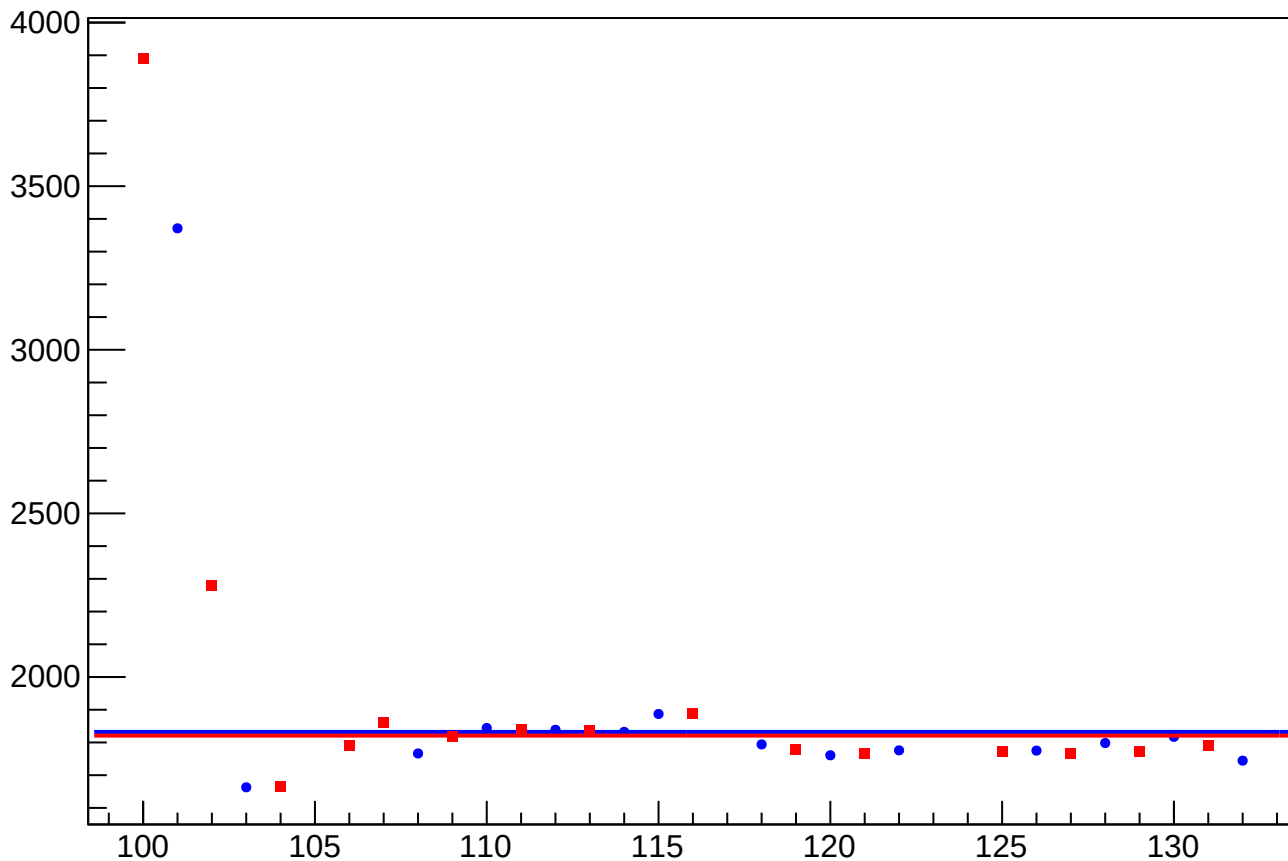
Right: -737.190 $\pm$ 532.288 χ^2 /NDF: 19.0/28

In: -1157.213 $\pm$ 760.253 χ^2 /NDF:7.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -737.190 $\pm$ 532.288 χ^2 /NDF: 19.0/28

cor_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1832.177+/-0.538 χ^2/NDF : 292835.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1820.949+/-0.527 χ^2/NDF : 99628.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

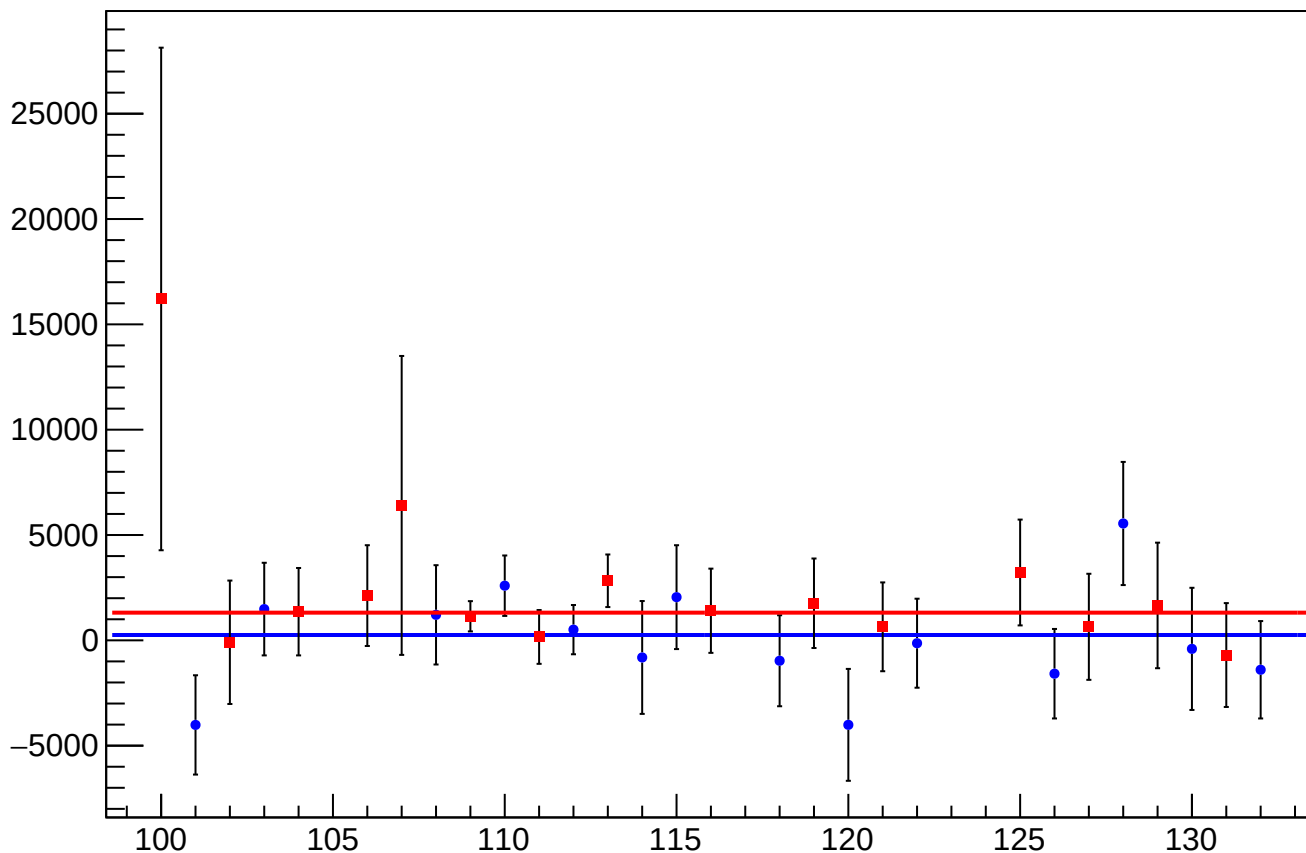
Right: 1826.453+/-0.376 χ^2/NDF : 392686.3/28

In: 1832.177+/-0.538 χ^2/NDF : 292835.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1826.453+/-0.376 χ^2/NDF : 392686.3/28

asym_us_dd_atlr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 253.513 $\pm$ 549.373 χ^2 /NDF: 14.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1314.221 $\pm$ 445.571 χ^2 /NDF: 6.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

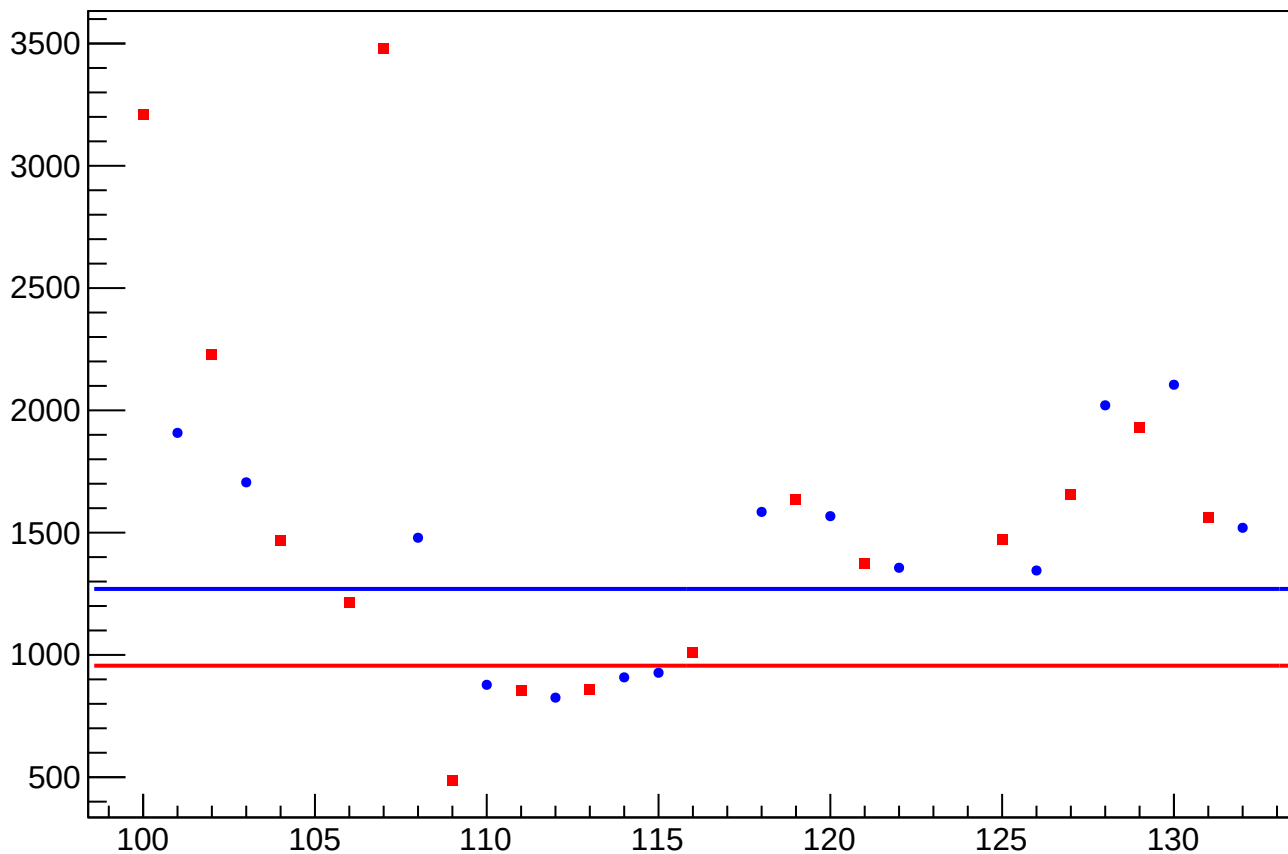
Right: 893.339 $\pm$ 346.059 χ^2 /NDF: 23.2/28

In: 253.513 $\pm$ 549.373 χ^2 /NDF:14.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 893.339 $\pm$ 346.059 χ^2 /NDF: 23.2/28

asym_us_dd_atlr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1269.818+/-0.388 χ^2/NDF : 1149280.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 955.979+/-0.315 χ^2/NDF : 2588978.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

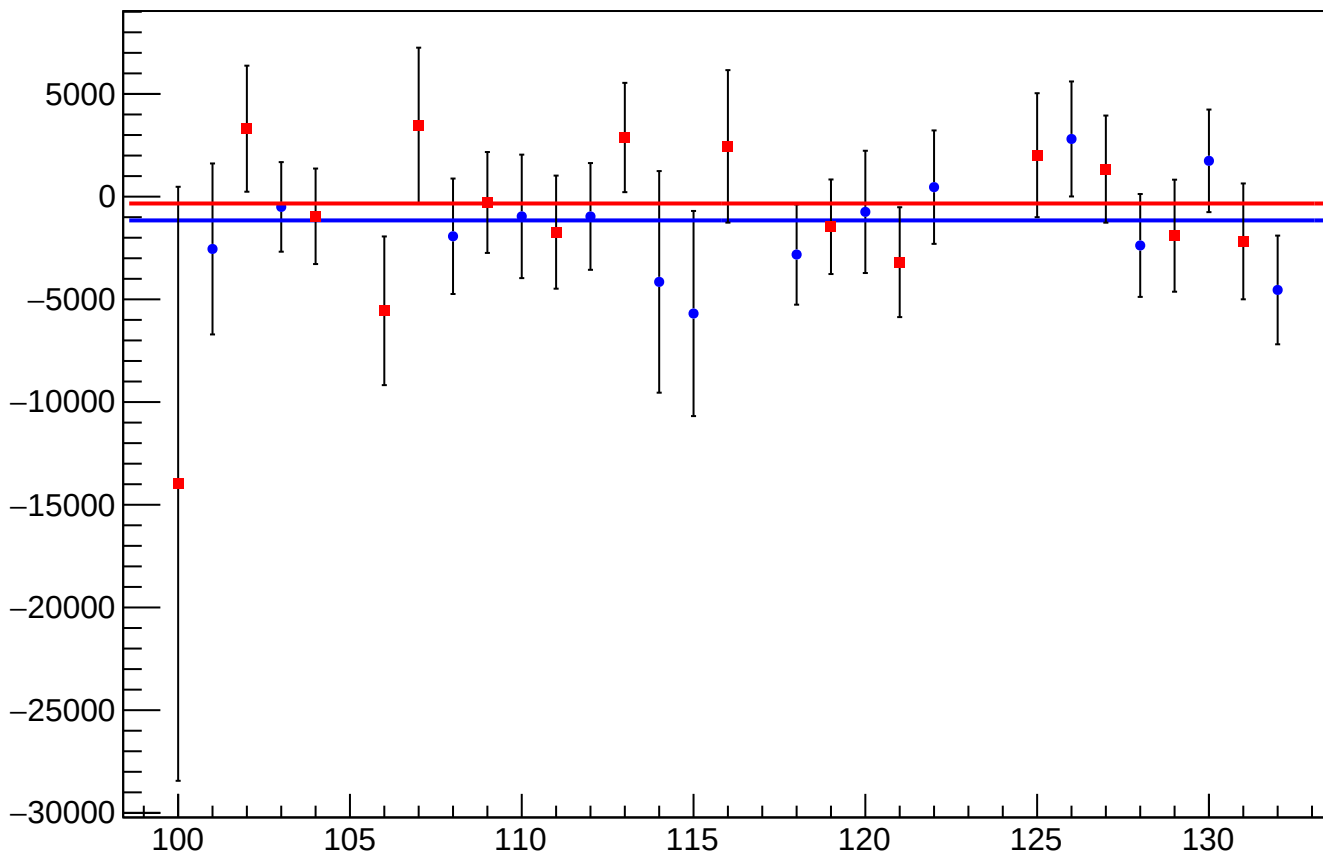
Right: 1080.508+/-0.245 χ^2/NDF : 4131966.6/28

In: 1269.818+/-0.388 χ^2/NDF : 1149280.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1080.508+/-0.245 χ^2/NDF : 4131966.6/28

eigen_cor_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1157.213+/-760.253 χ^2/NDF : 7.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -333.309+/-745.501 χ^2/NDF : 10.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

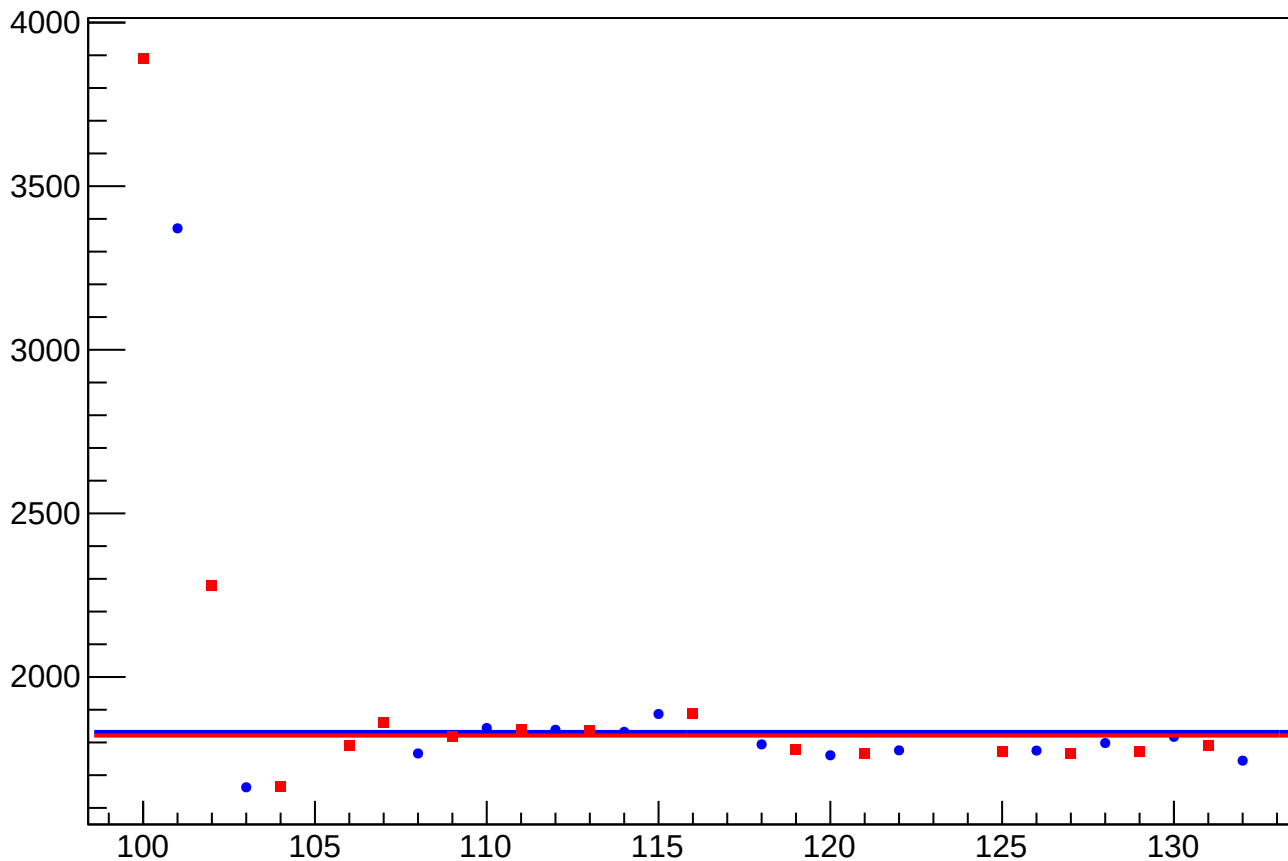
Right: -737.190+/-532.288 χ^2/NDF : 19.0/28

In: -1157.213+/-760.253 χ^2/NDF : 7.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -737.190+/-532.288 χ^2/NDF : 19.0/28

eigen_cor_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1832.177+/-0.538 χ^2/NDF : 292835.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1820.949+/-0.527 χ^2/NDF : 99628.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

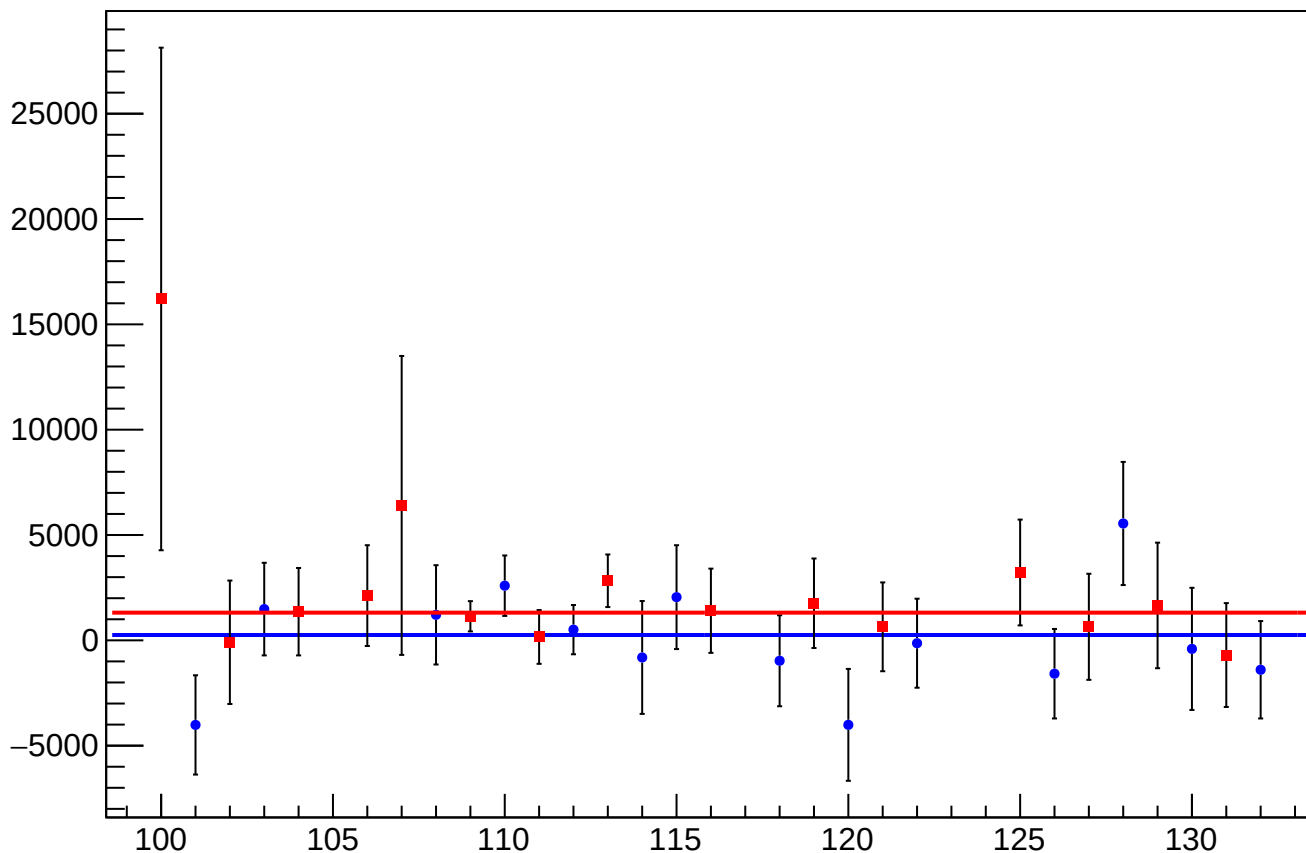
Right: 1826.453+/-0.376 χ^2/NDF : 392686.3/28

In: 1832.177+/-0.538 χ^2/NDF : 292835.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1826.453+/-0.376 χ^2/NDF : 392686.3/28

asym_us_dd_atlr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 253.513 $\pm$ 549.373 χ^2 /NDF: 14.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1314.221 $\pm$ 445.571 χ^2 /NDF: 6.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

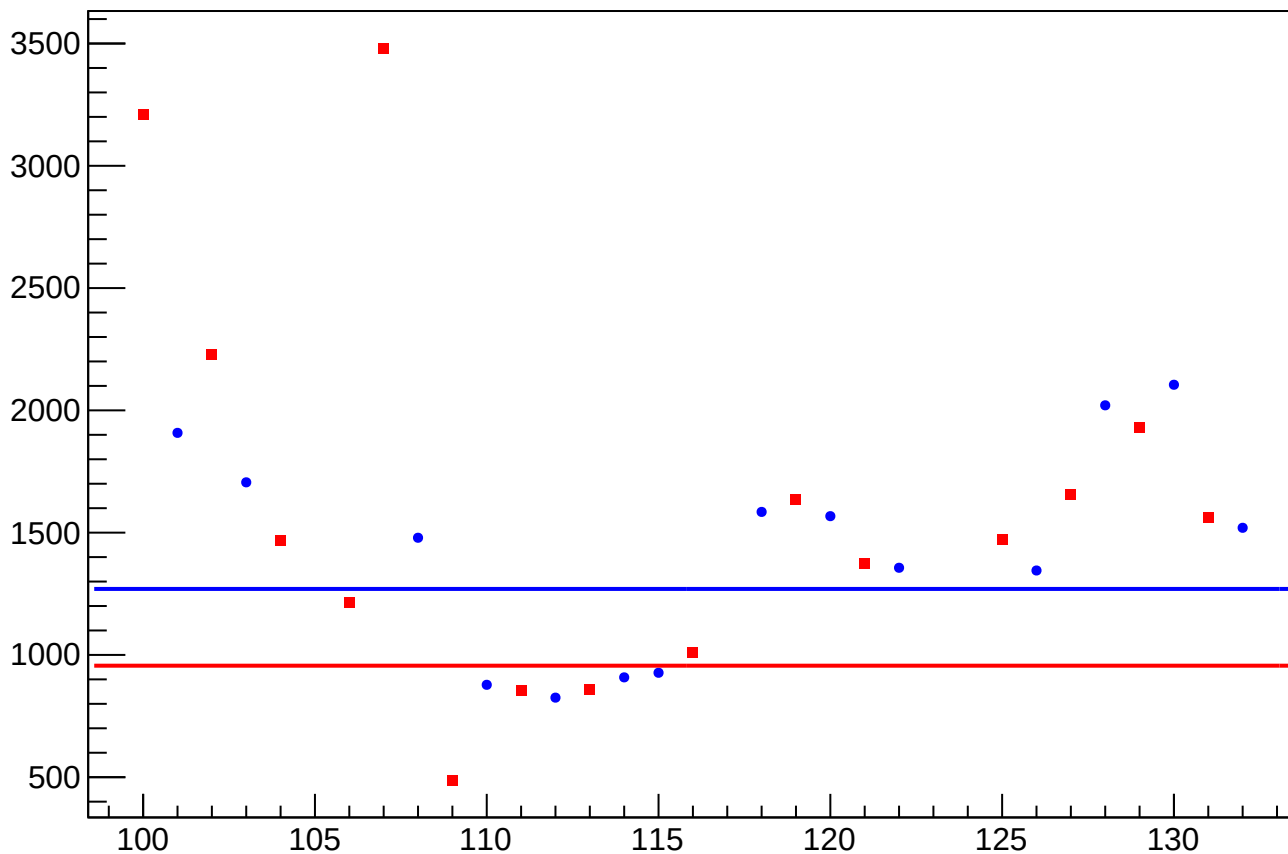
Right: 893.339 $\pm$ 346.059 χ^2 /NDF: 23.2/28

In: 253.513 $\pm$ 549.373 χ^2 /NDF:14.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 893.339 $\pm$ 346.059 χ^2 /NDF: 23.2/28

asym_us_dd_atlr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1269.818+/-0.388 χ^2/NDF : 1149280.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 955.979+/-0.315 χ^2/NDF : 2588978.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

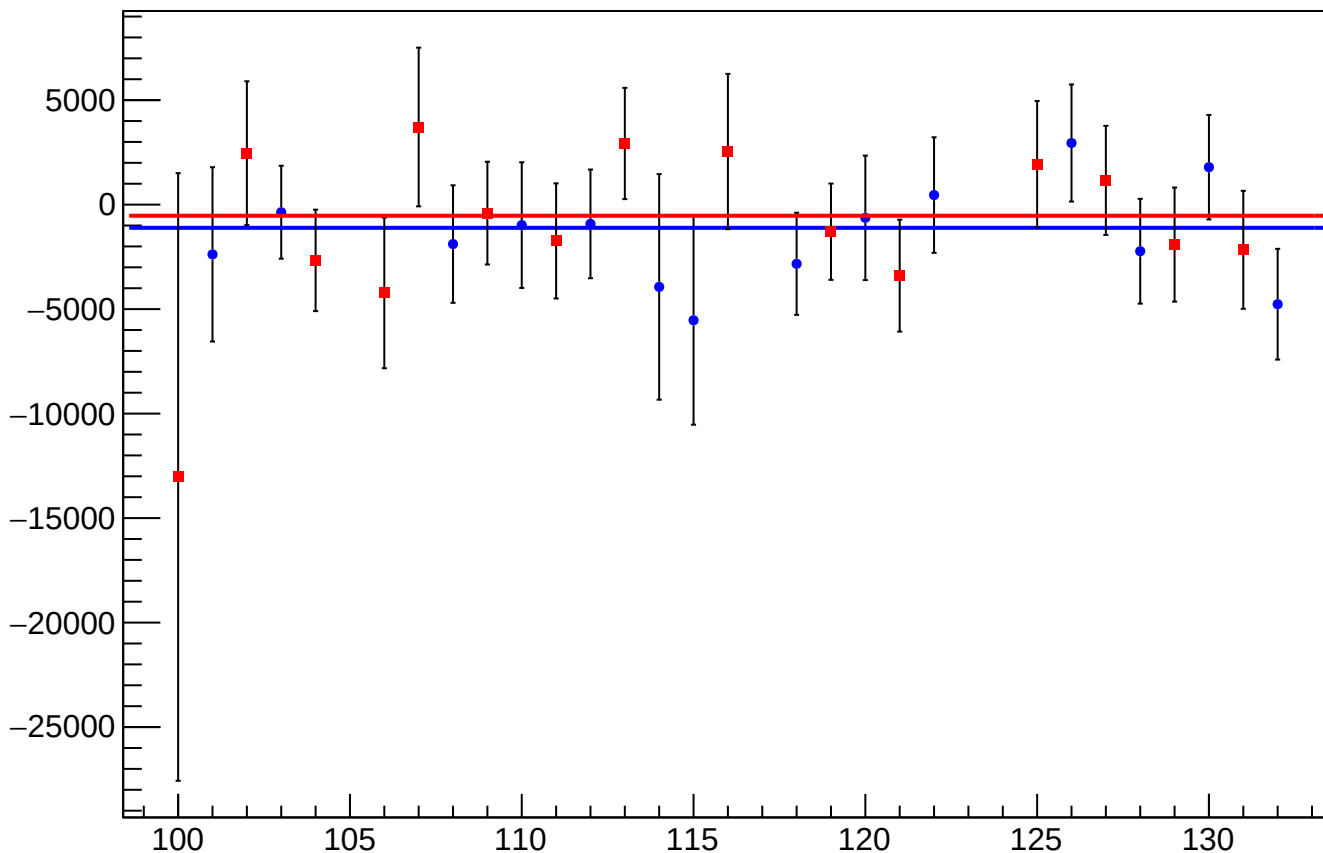
Right: 1080.508+/-0.245 χ^2/NDF : 4131966.6/28

In: 1269.818+/-0.388 χ^2/NDF : 1149280.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1080.508+/-0.245 χ^2/NDF : 4131966.6/28

dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1109.634+/-762.690 χ^2/NDF : 7.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -531.885+/-753.762 χ^2/NDF : 10.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

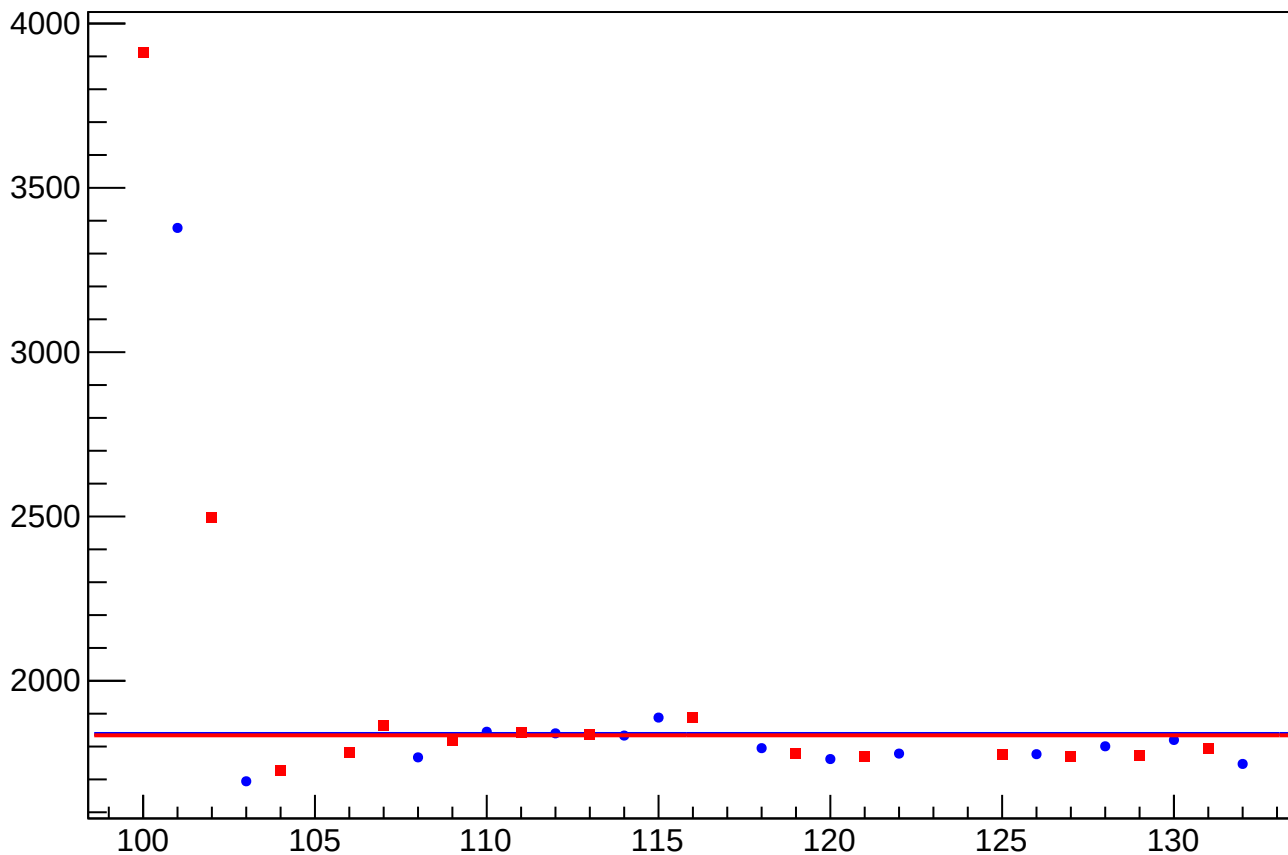
Right: -817.358+/-536.119 χ^2/NDF : 18.1/28

In: -1109.634+/-762.690 χ^2/NDF : 7.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -817.358+/-536.119 χ^2/NDF : 18.1/28

dit_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1838.217+/-0.539 χ^2/NDF : 289288.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1834.197+/-0.533 χ^2/NDF : 125857.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

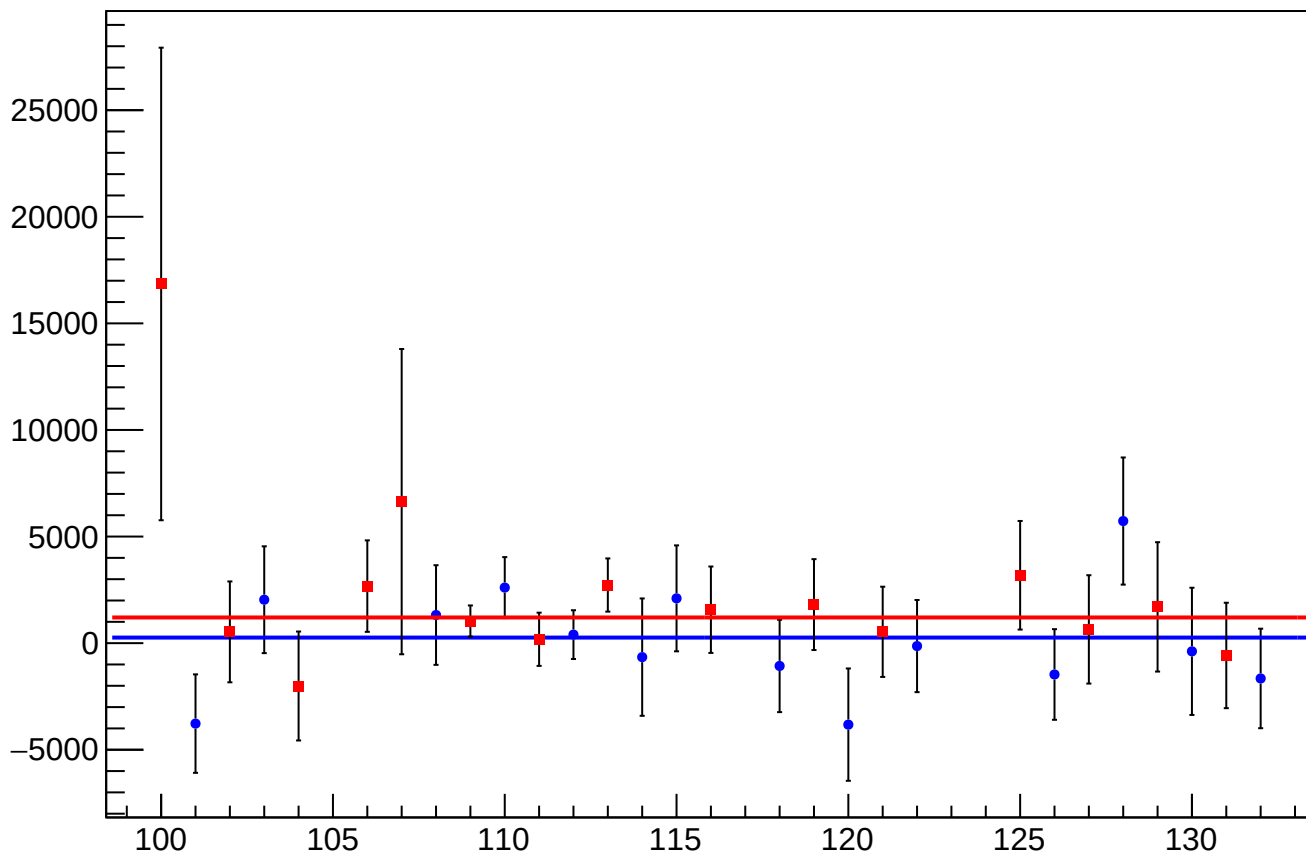
Right: 1836.183+/-0.379 χ^2/NDF : 415173.2/28

In: 1838.217+/-0.539 χ^2/NDF : 289288.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1836.183+/-0.379 χ^2/NDF : 415173.2/28

asym_us_dd_atlr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 261.213+/-552.268 χ^2/NDF : 14.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1204.402+/-447.093 χ^2/NDF : 8.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

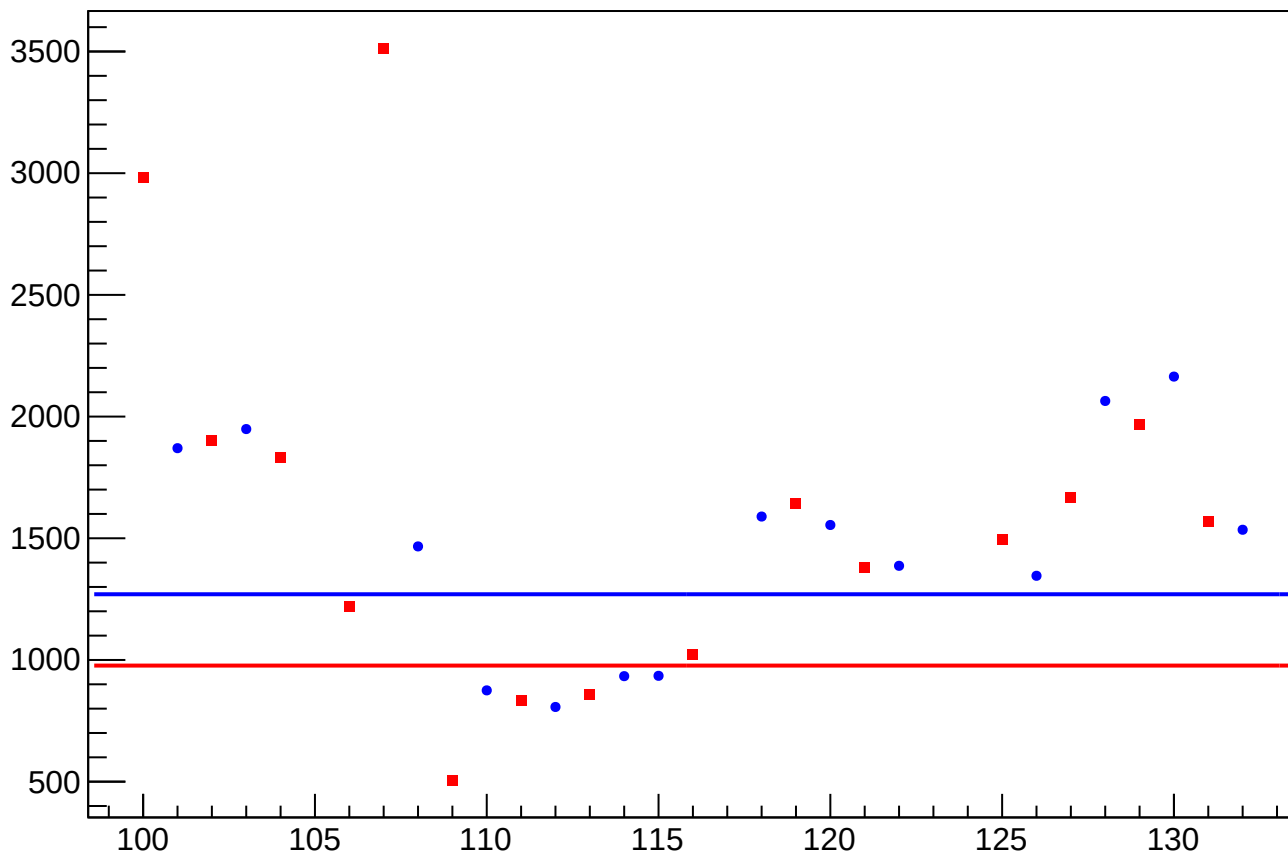
Right: 830.984+/-347.495 χ^2/NDF : 24.8/28

In: 261.213+/-552.268 χ^2/NDF : 14.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 830.984+/-347.495 χ^2/NDF : 24.8/28

asym_us_dd_atlr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1269.999+/-0.391 χ^2/NDF : 1265462.6/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 976.928+/-0.316 χ^2/NDF : 2582622.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

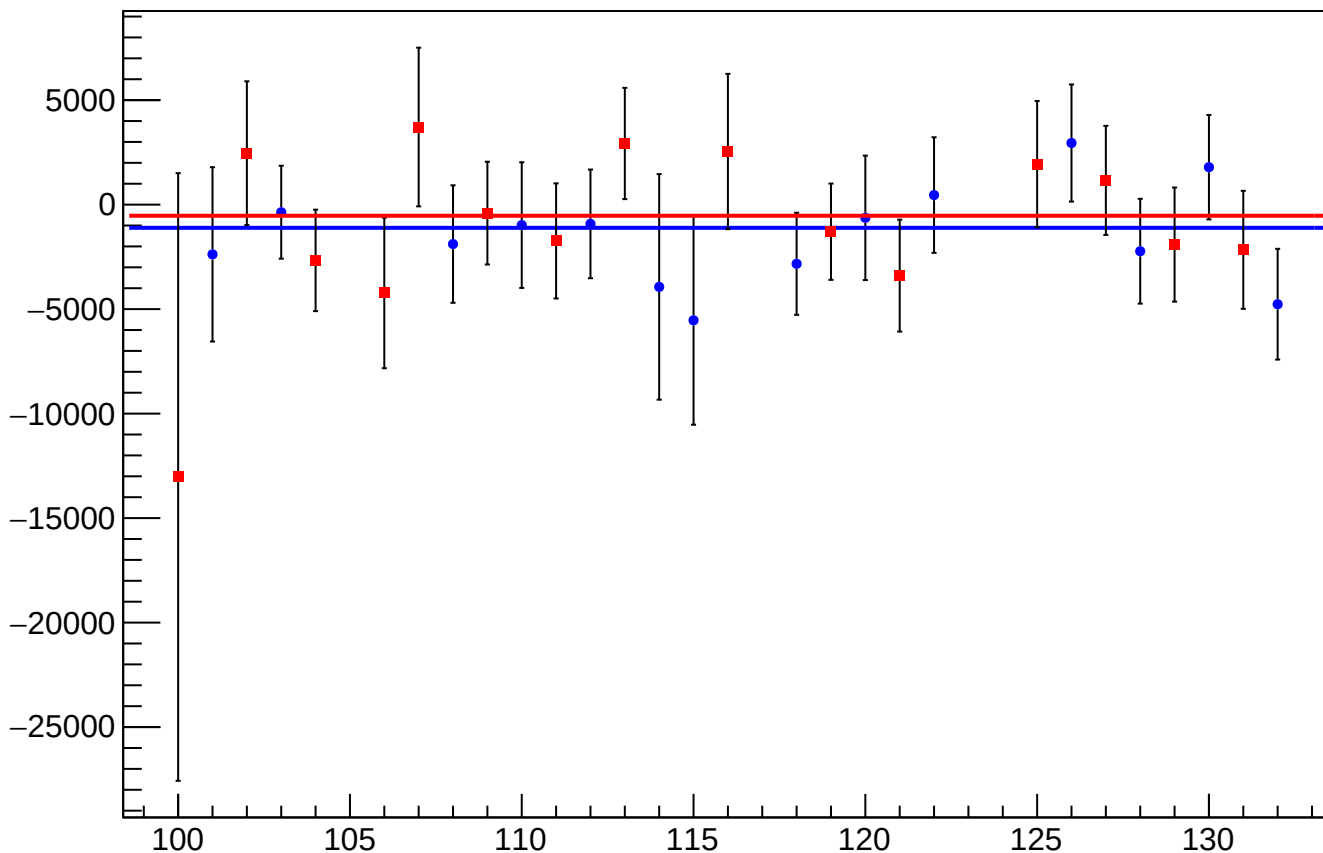
Right: 1092.958+/-0.246 χ^2/NDF : 4188318.8/28

In: 1269.999+/-0.391 χ^2/NDF :1265462.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1092.958+/-0.246 χ^2/NDF : 4188318.8/28

eigen_dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1109.633+/-762.690 χ^2/NDF : 7.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -531.889+/-753.762 χ^2/NDF : 10.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

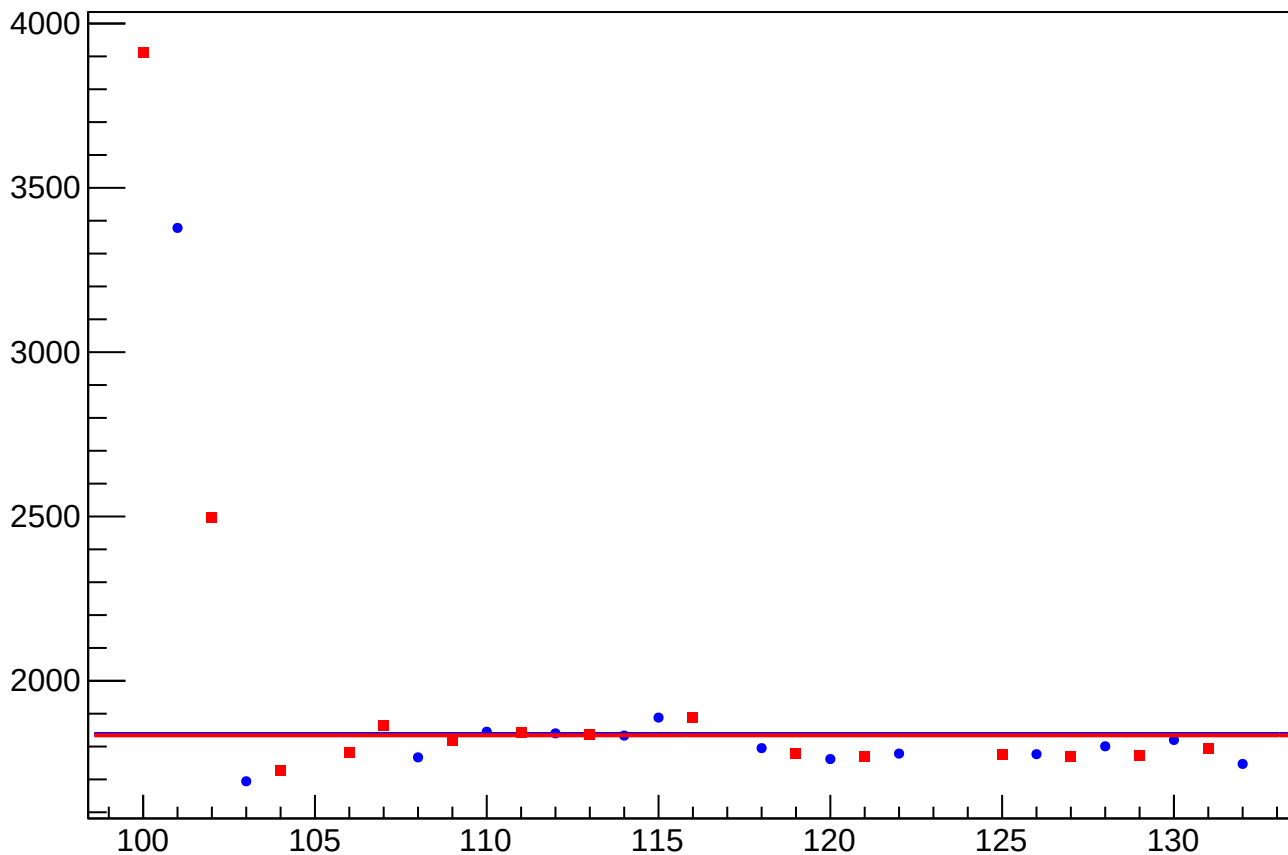
Right: -817.359+/-536.119 χ^2/NDF : 18.1/28

In: -1109.633+/-762.690 χ^2/NDF : 7.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -817.359+/-536.119 χ^2/NDF : 18.1/28

eigen_dit_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1838.217+/-0.539 χ^2/NDF : 289288.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1834.197+/-0.533 χ^2/NDF : 125857.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

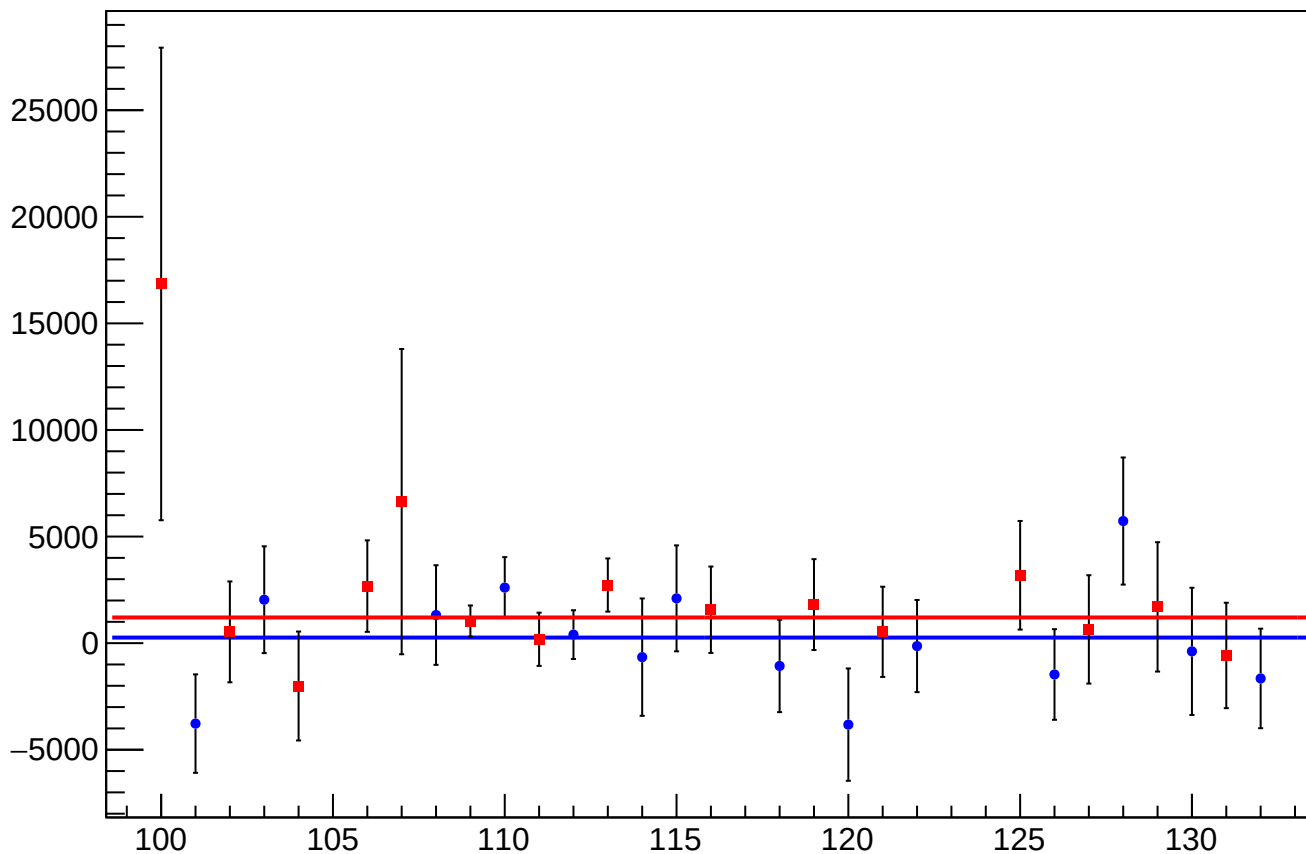
Right: 1836.183+/-0.379 χ^2/NDF : 415173.2/28

In: 1838.217+/-0.539 χ^2/NDF : 289288.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1836.183+/-0.379 χ^2/NDF : 415173.2/28

asym_us_dd_atlr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 261.214+/-552.265 χ^2/NDF : 14.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1204.400+/-447.092 χ^2/NDF : 8.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

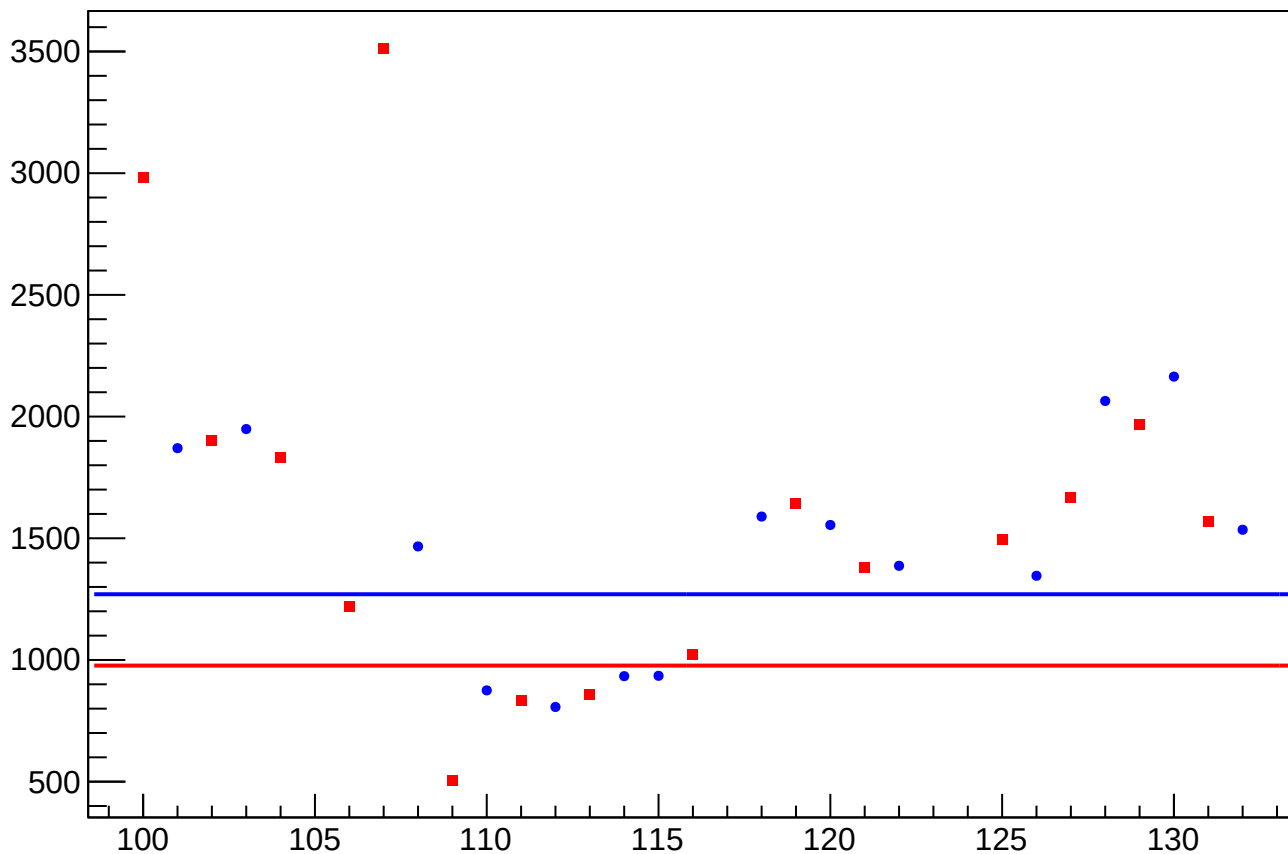
Right: 830.981+/-347.494 χ^2/NDF : 24.8/28

In: 261.214+/-552.265 χ^2/NDF : 14.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 830.981+/-347.494 χ^2/NDF : 24.8/28

asym_us_dd_atlr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1269.991+/-0.391 χ^2 /NDF: 1265474.5/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 976.926+/-0.316 χ^2 /NDF: 2582611.3/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

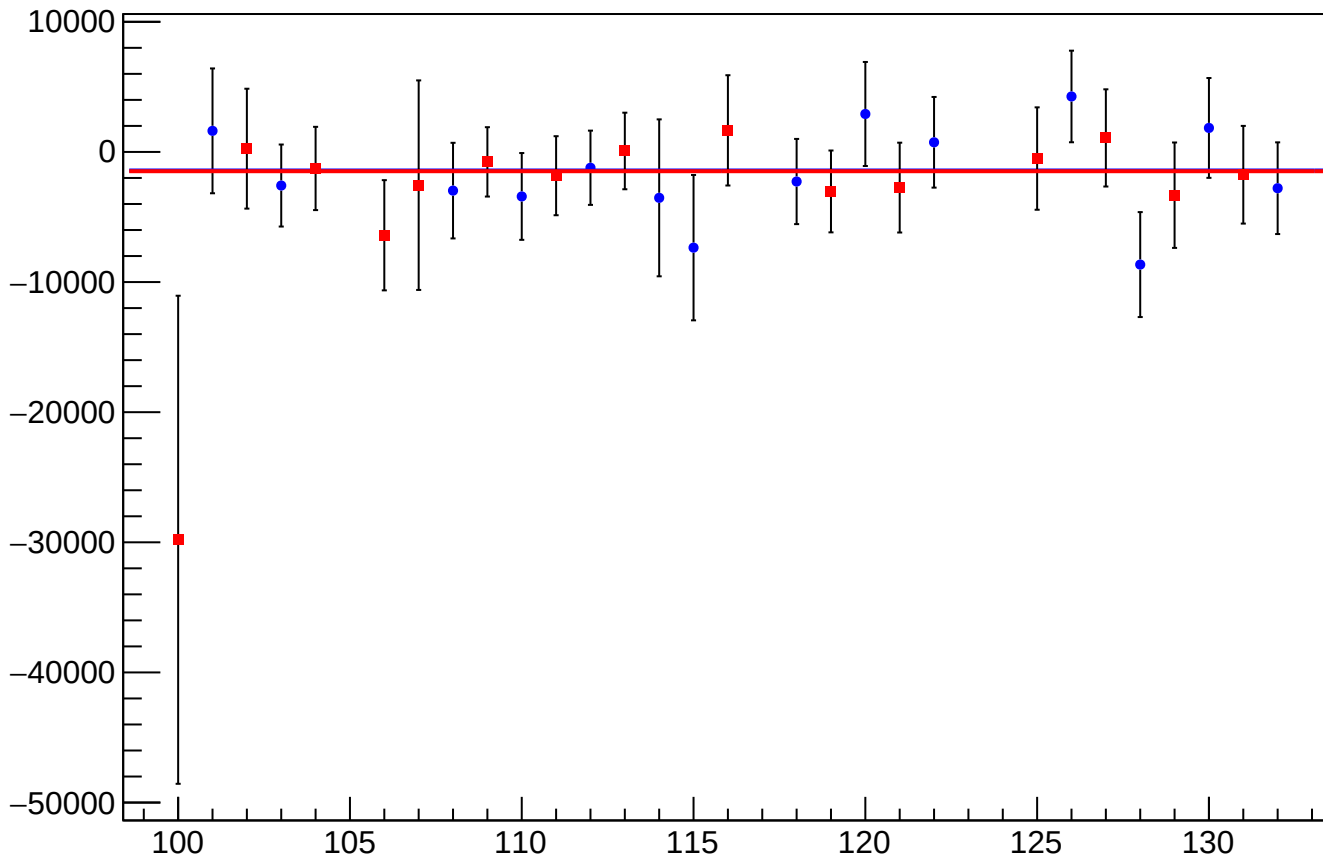
Right: 1092.954+/-0.246 χ^2 /NDF: 4188307.6/28

In: 1269.991+/-0.391 χ^2 /NDF:1265474.5/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1092.954+/-0.246 χ^2 /NDF: 4188307.6/28

asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1427.047+/-990.430 χ^2/NDF : 10.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1480.563+/-956.744 χ^2/NDF : 5.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

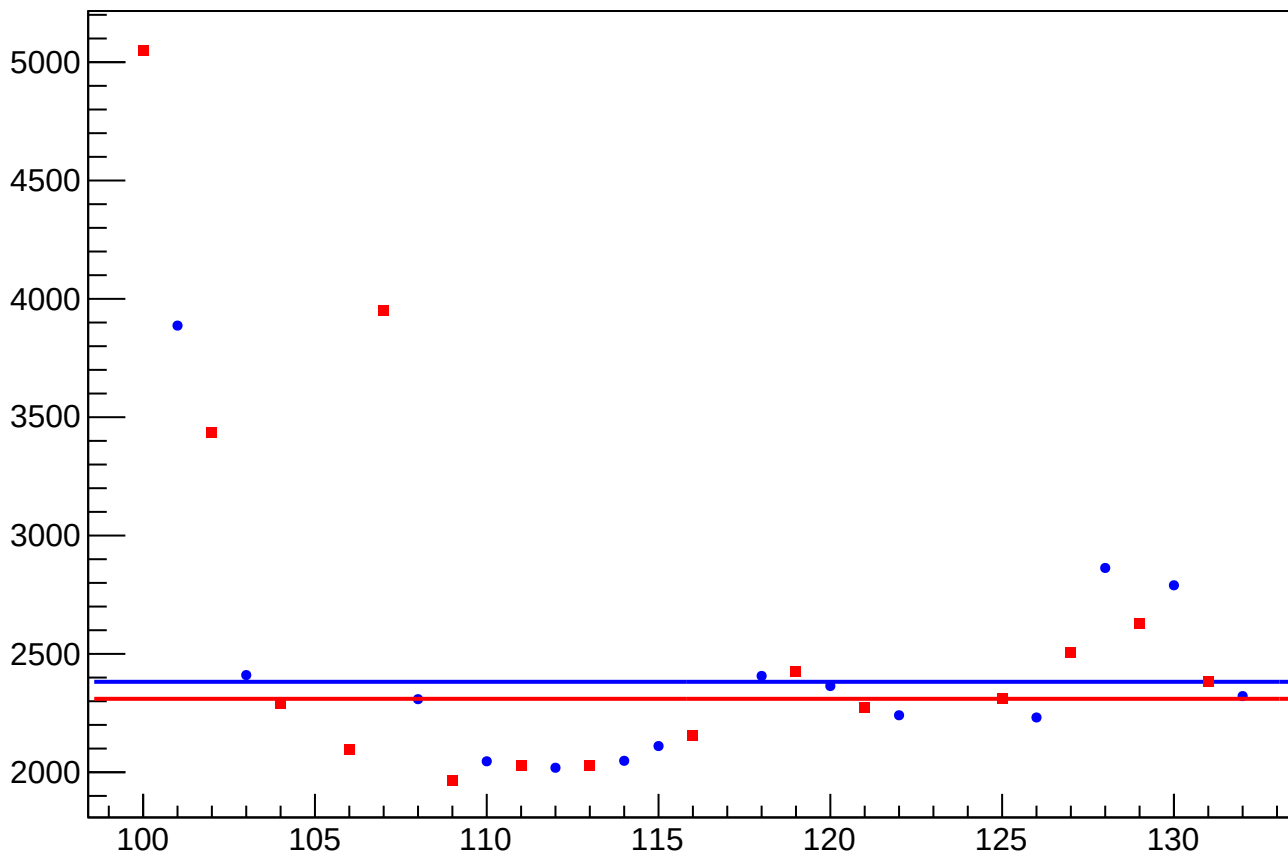
Right: -1454.731+/-688.121 χ^2/NDF : 16.5/28

In: -1427.047+/-990.430 χ^2/NDF : 10.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1454.731+/-688.121 χ^2/NDF : 16.5/28

asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2382.070+/-0.700 χ^2/NDF : 320101.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2310.215+/-0.677 χ^2/NDF : 343328.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

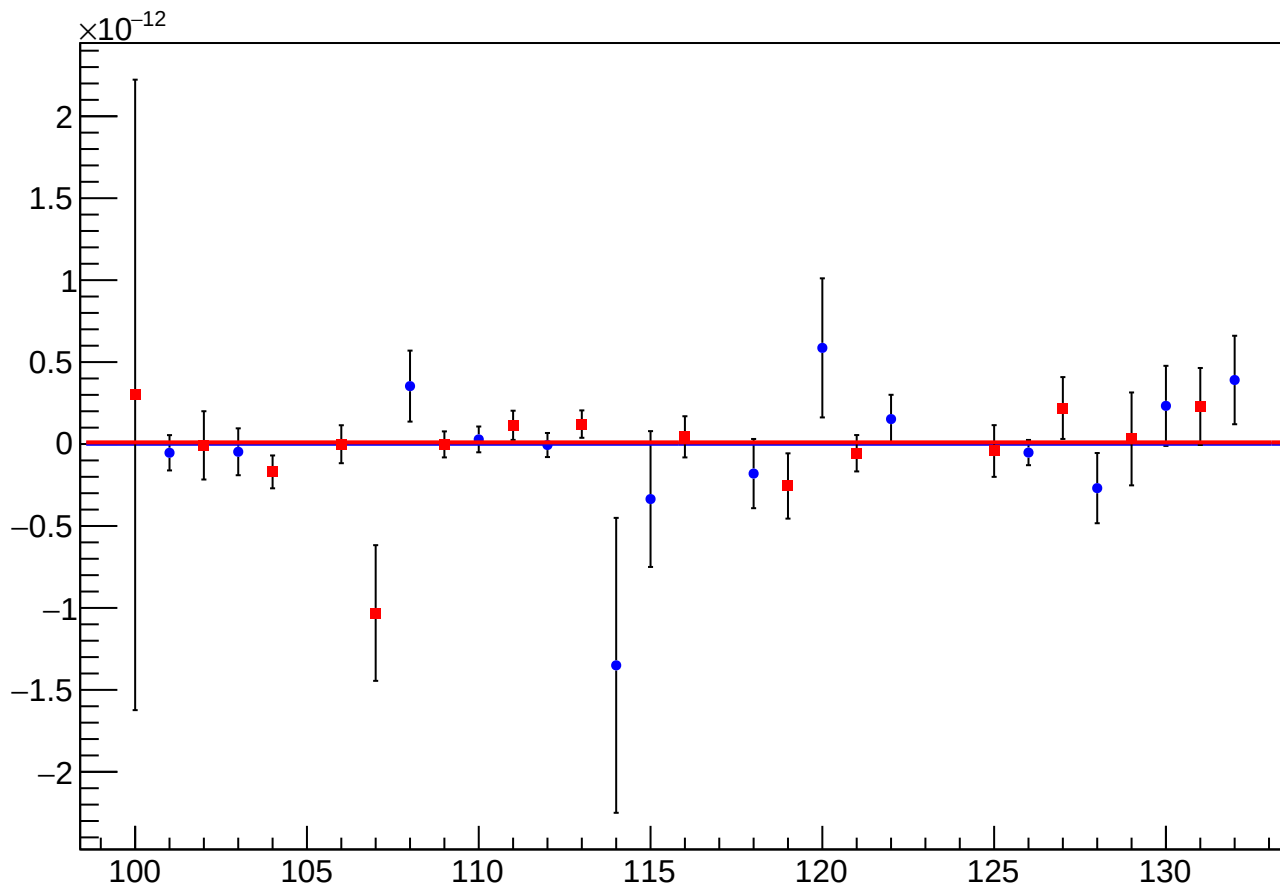
Right: 2344.900+/-0.487 χ^2/NDF : 668875.2/28

In: 2382.070+/-0.700 χ^2/NDF : 320101.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2344.900+/-0.487 χ^2/NDF : 668875.2/28

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

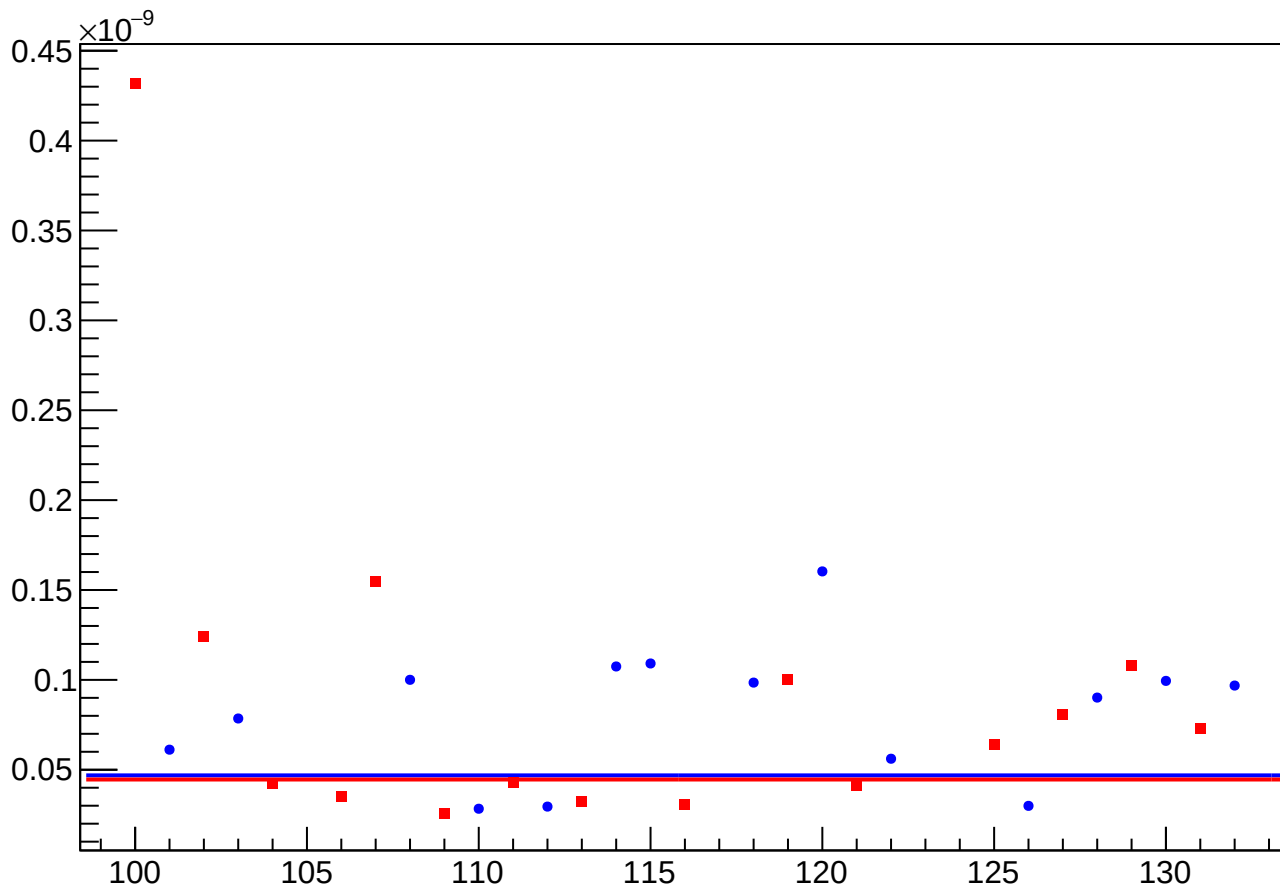
Right: 0.000+/-0.000 χ^2/NDF : 32.0/28

In: 0.000+/-0.000 χ^2/NDF : 14.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 32.0/28

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1140845.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1102460.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

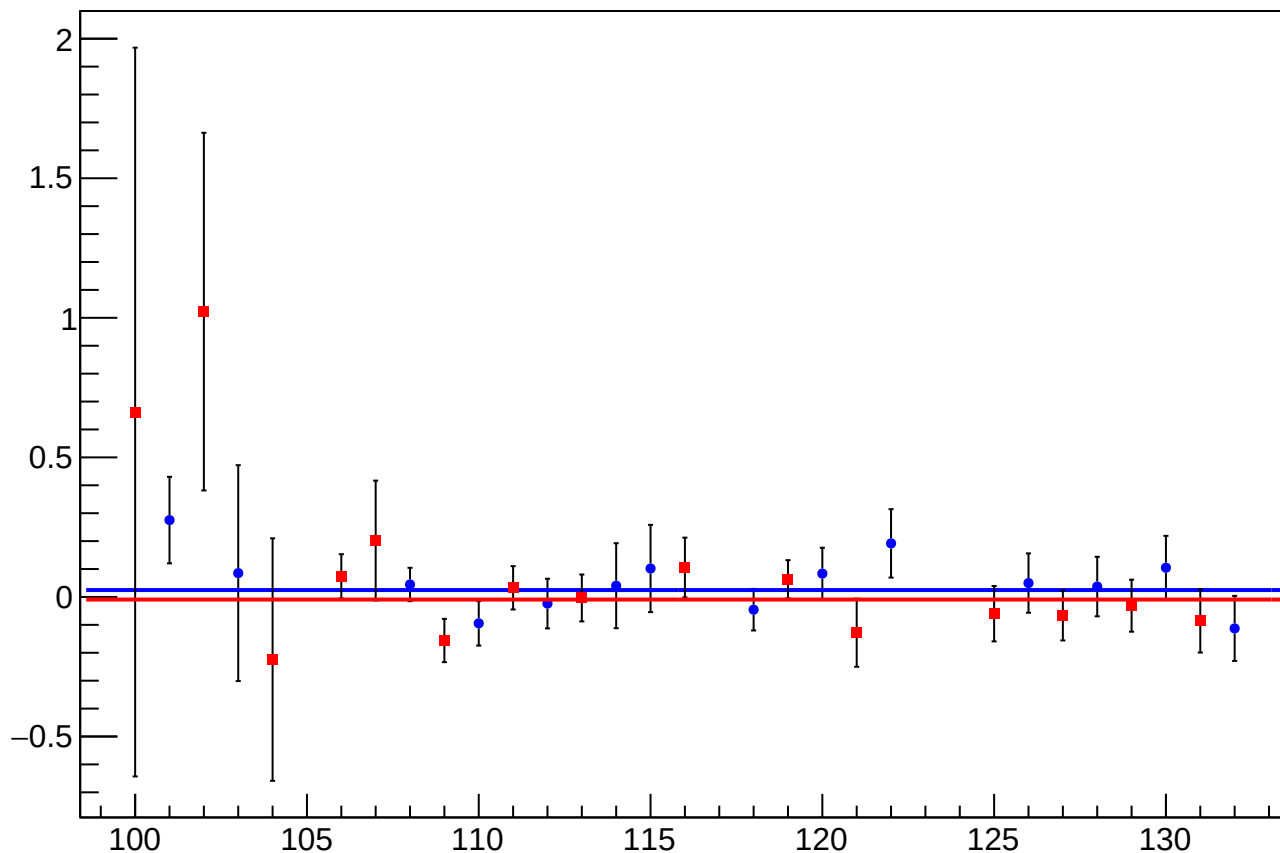
Right: 0.000+/-0.000 χ^2/NDF : 2247776.5/28

In: 0.000+/-0.000 χ^2/NDF : 1140845.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2247776.5/28

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.025+/-0.027 χ^2/NDF : 10.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.009+/-0.026 χ^2/NDF : 13.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

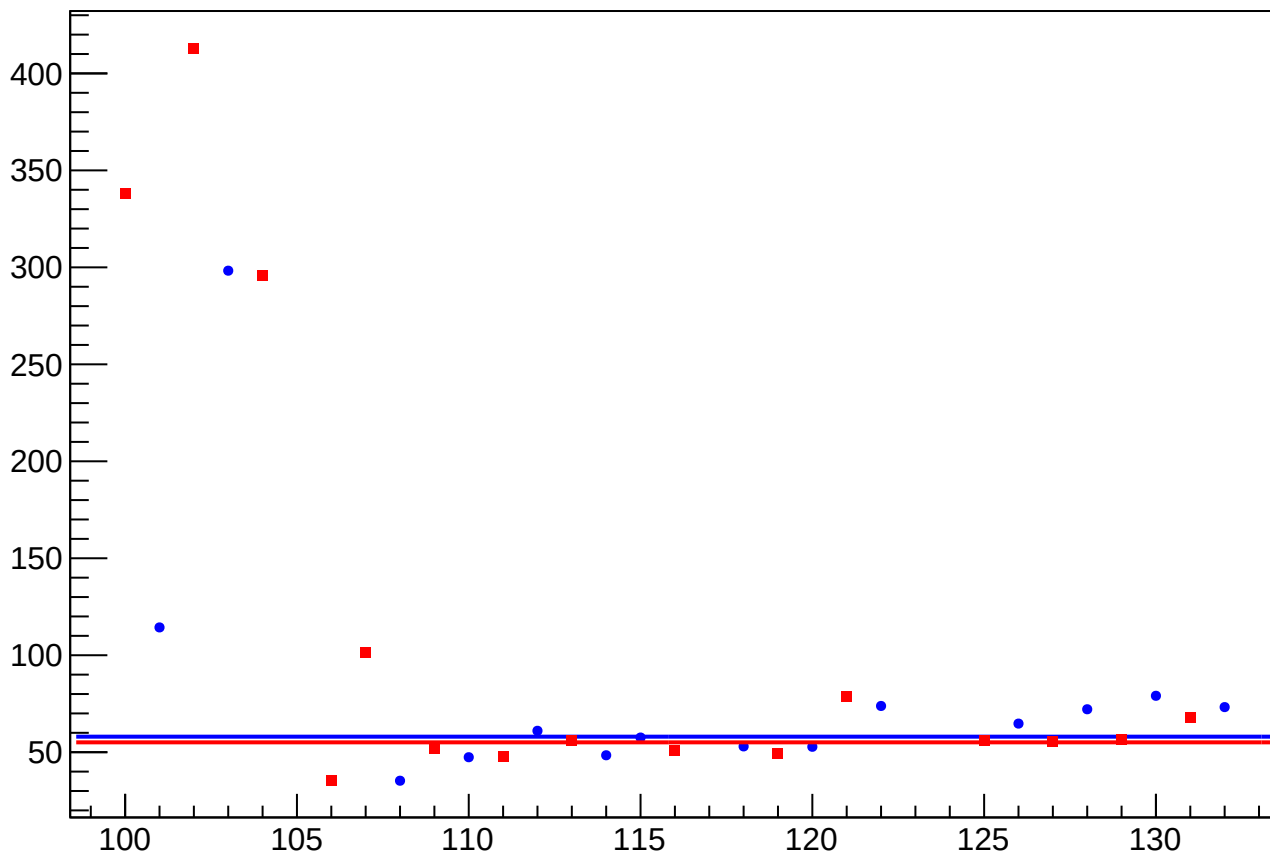
Right: 0.007+/-0.019 χ^2/NDF : 24.9/28

In: 0.025+/-0.027 χ^2/NDF :10.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.019 χ^2/NDF : 24.9/28

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.016+/-0.019 χ^2/NDF : 1564777.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.084+/-0.019 χ^2/NDF : 1689376.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

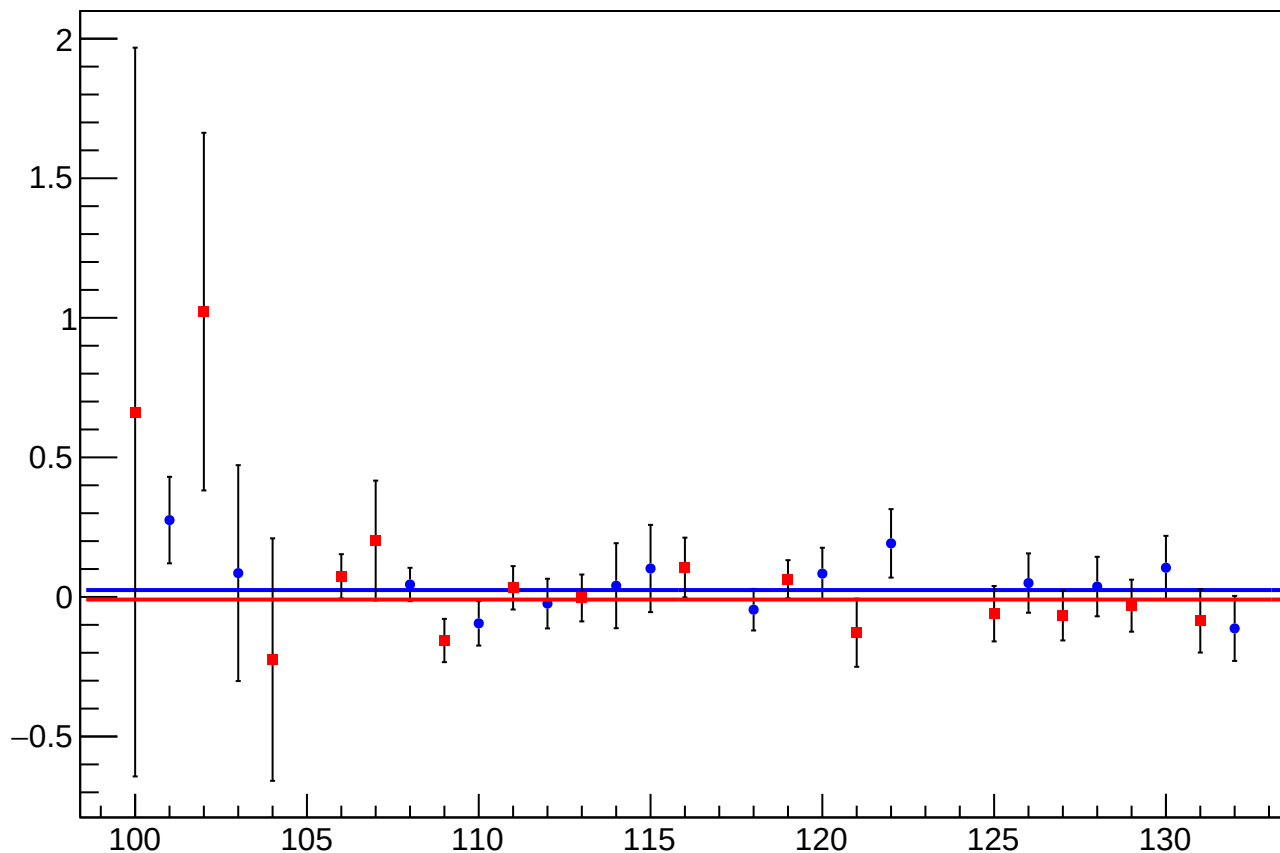
Right: 56.517+/-0.013 χ^2/NDF : 3266337.5/28

In: 58.016+/-0.019 χ^2/NDF : 1564777.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.517+/-0.013 χ^2/NDF : 3266337.5/28

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.025+/-0.027 χ^2/NDF : 10.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.009+/-0.026 χ^2/NDF : 13.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

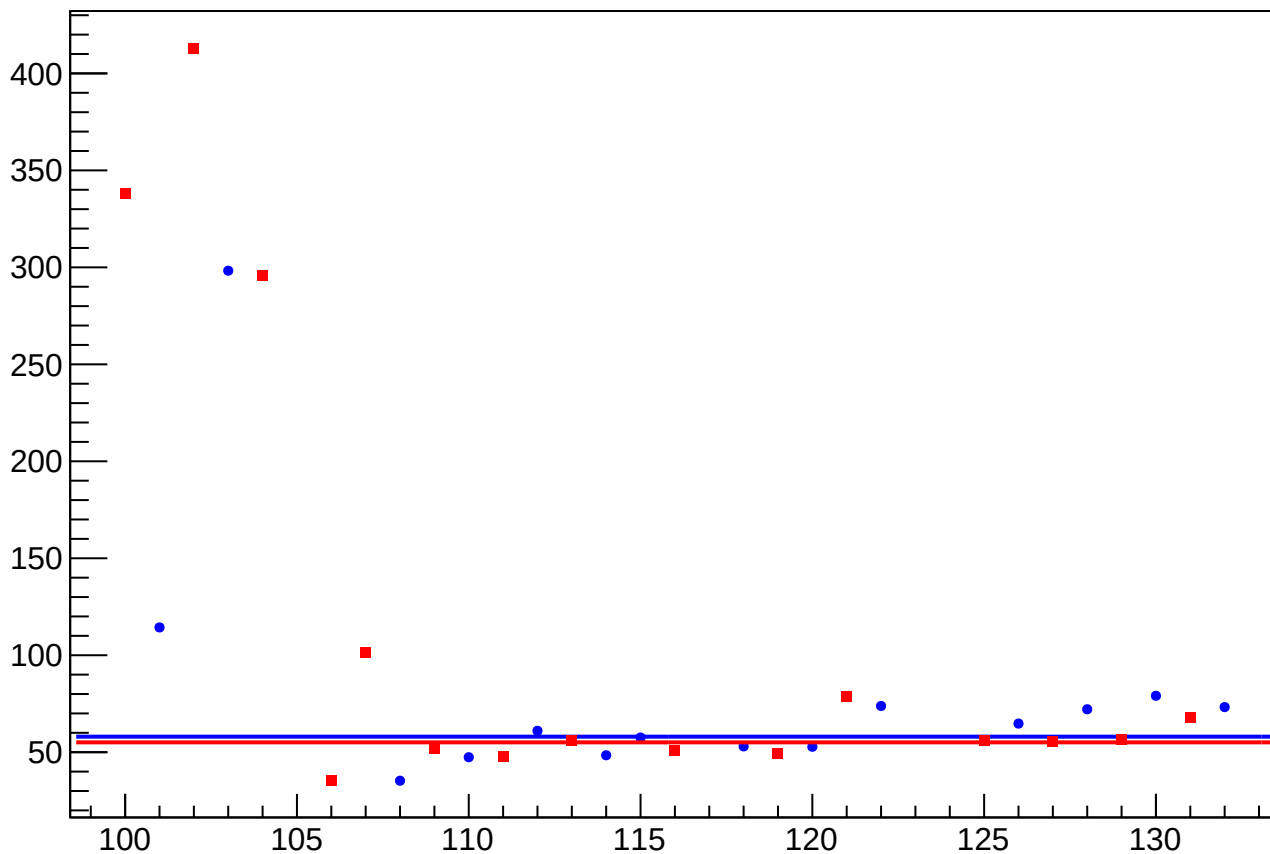
Right: 0.007+/-0.019 χ^2/NDF : 24.9/28

In: 0.025+/-0.027 χ^2/NDF :10.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.019 χ^2/NDF : 24.9/28

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.016+/-0.019 χ^2/NDF : 1564777.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.084+/-0.019 χ^2/NDF : 1689376.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

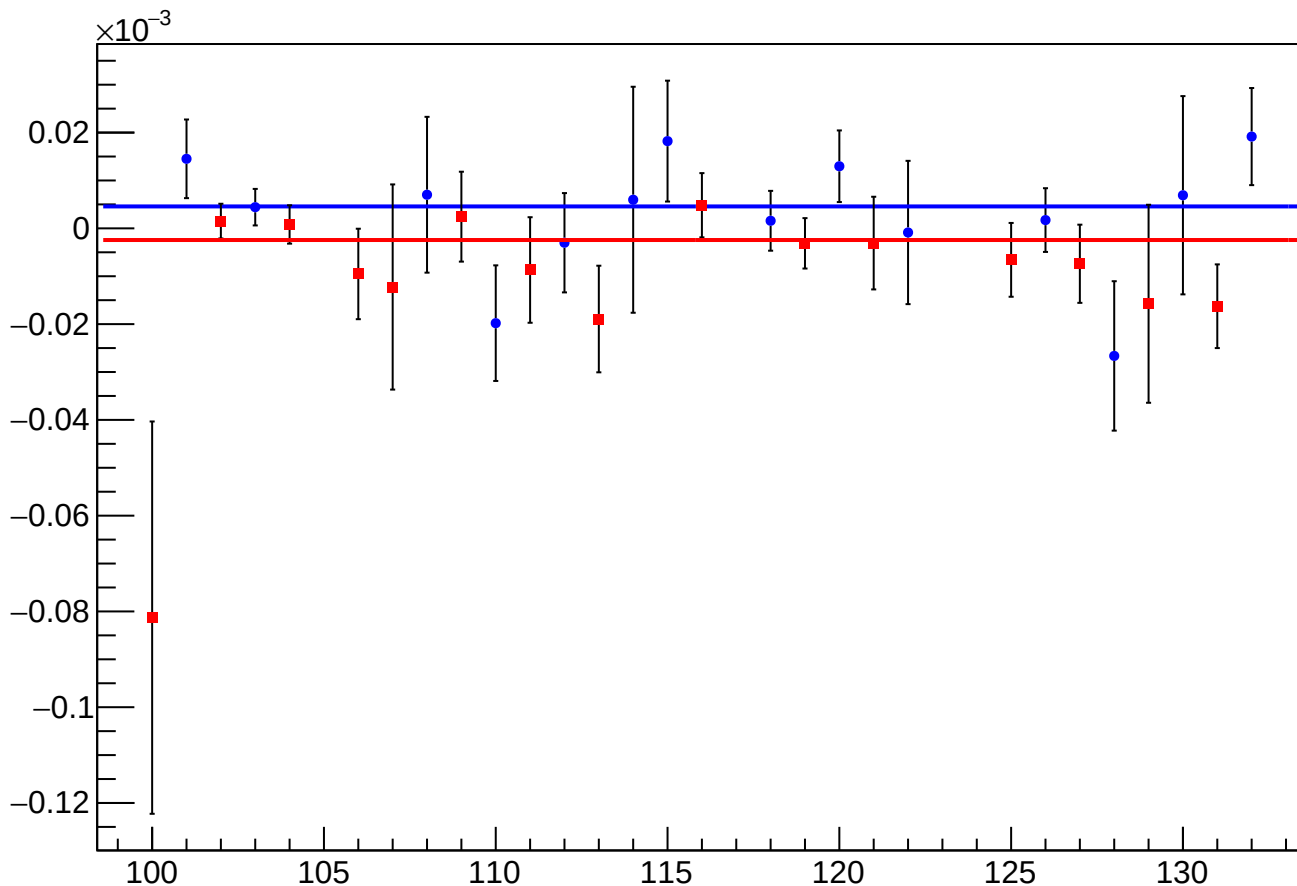
Right: 56.517+/-0.013 χ^2/NDF : 3266337.5/28

In: 58.016+/-0.019 χ^2/NDF : 1564777.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.517+/-0.013 χ^2/NDF : 3266337.5/28

asym_us_dd_atlr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

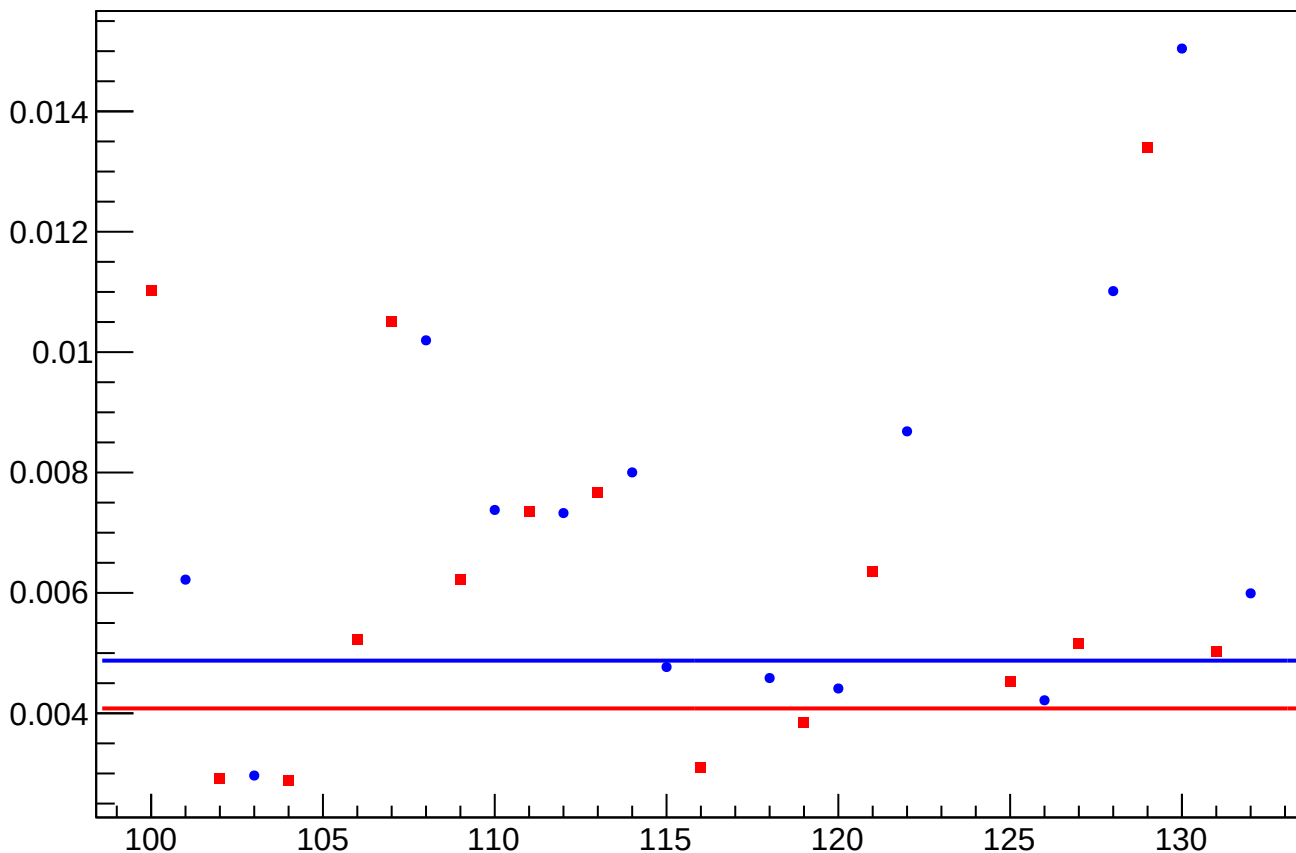
Right: 0.000+/-0.000 χ^2/NDF : 34.9/28

In: 0.000+/-0.000 χ^2/NDF : 15.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 34.9/28

asym_us_dd_atlr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000

χ^2/NDF : 1979641.4/13

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000

χ^2/NDF : 1770723.0/14

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.004+/-0.000

χ^2/NDF : 3900250.1/28

In: 0.005+/-0.000

χ^2/NDF : 1979641.4/13

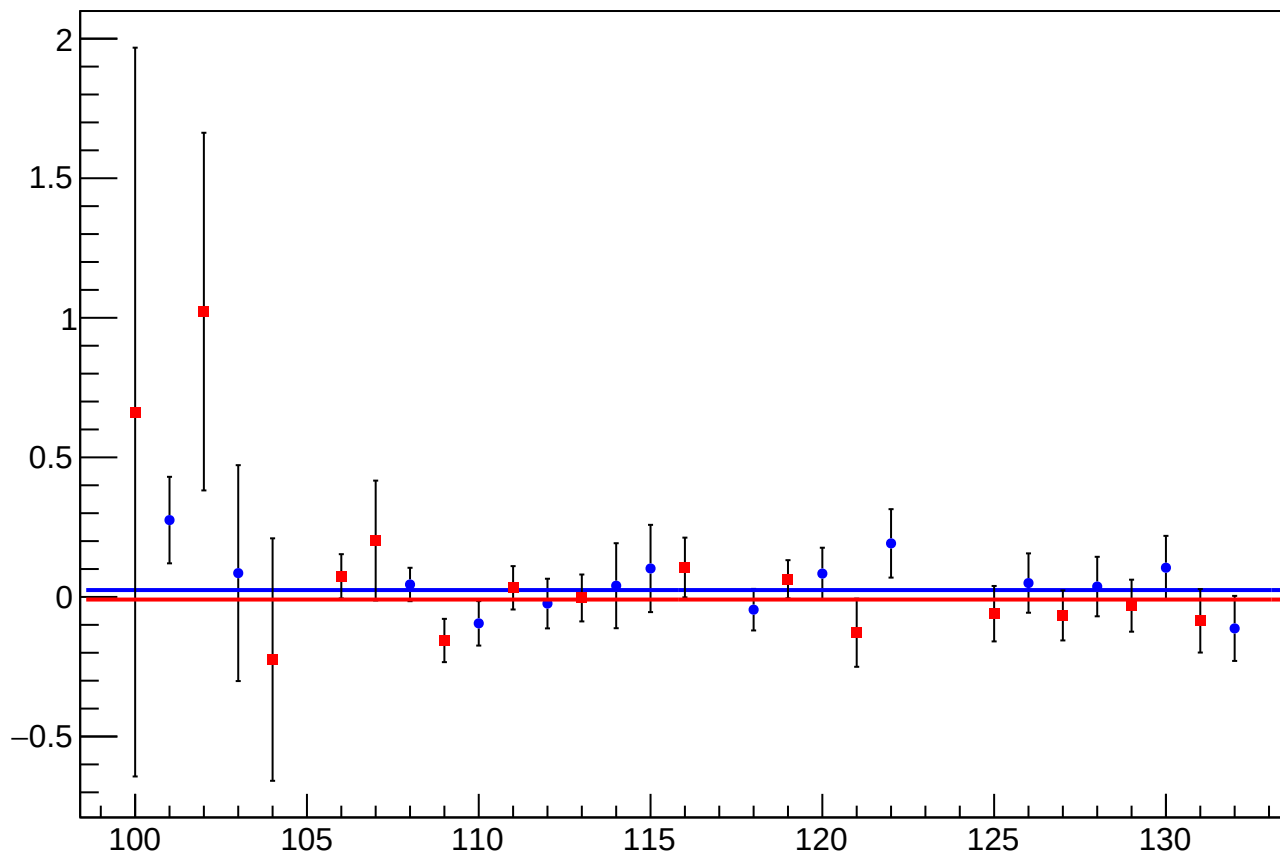
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.004+/-0.000

χ^2/NDF : 3900250.1/28

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.025+/-0.027 χ^2/NDF : 10.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.009+/-0.026 χ^2/NDF : 13.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

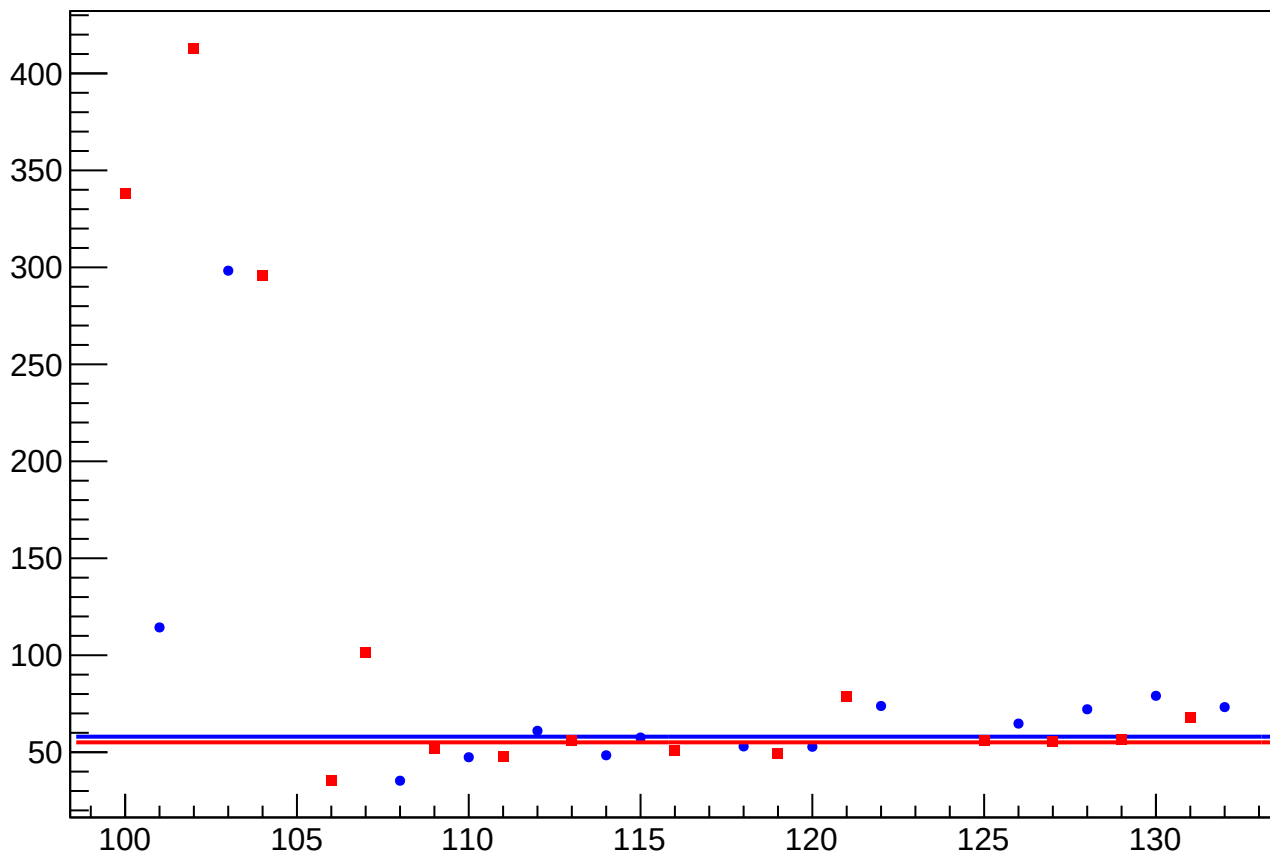
Right: 0.007+/-0.019 χ^2/NDF : 24.9/28

In: 0.025+/-0.027 χ^2/NDF :10.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.019 χ^2/NDF : 24.9/28

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.017+/-0.019 χ^2/NDF : 1564620.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.084+/-0.019 χ^2/NDF : 1689358.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

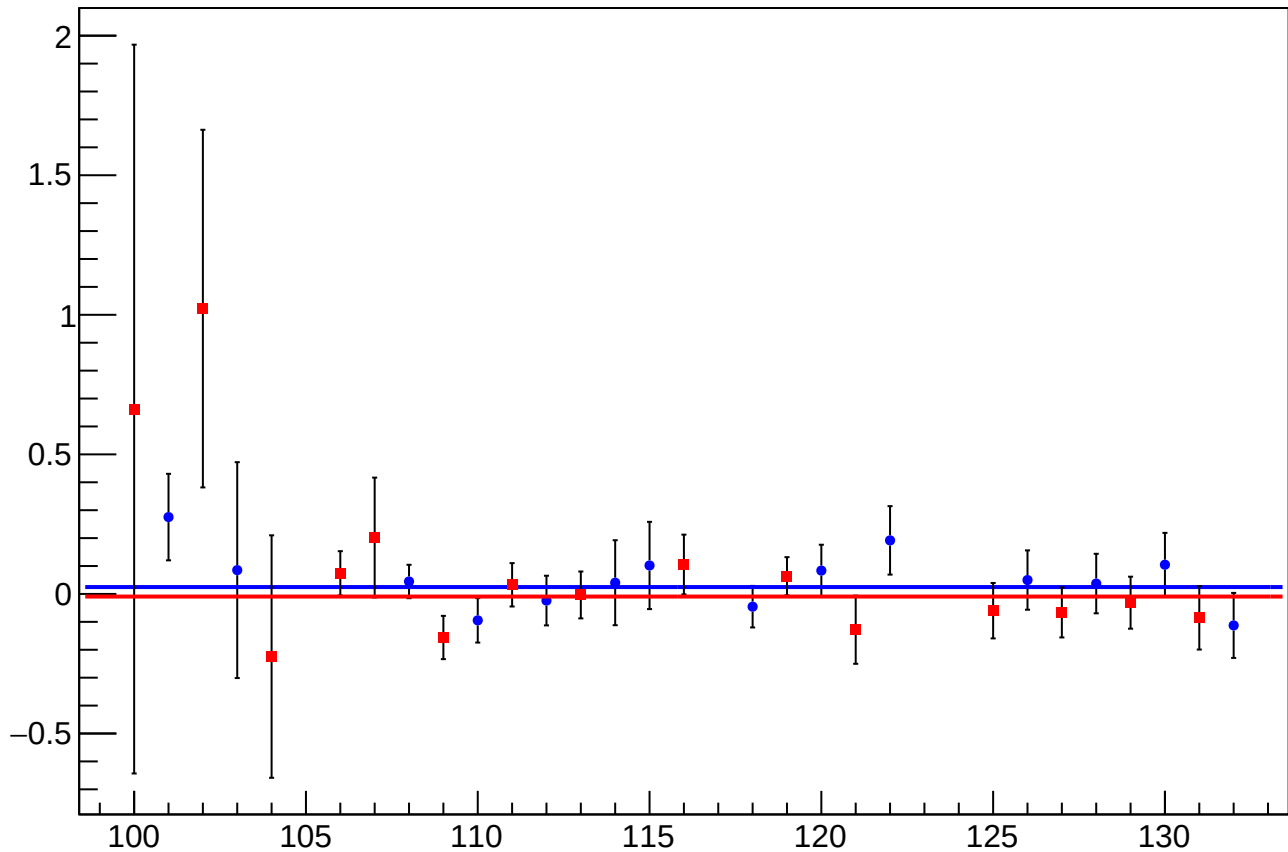
Right: 56.517+/-0.013 χ^2/NDF : 3266174.4/28

In: 58.017+/-0.019 χ^2/NDF : 1564620.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.517+/-0.013 χ^2/NDF : 3266174.4/28

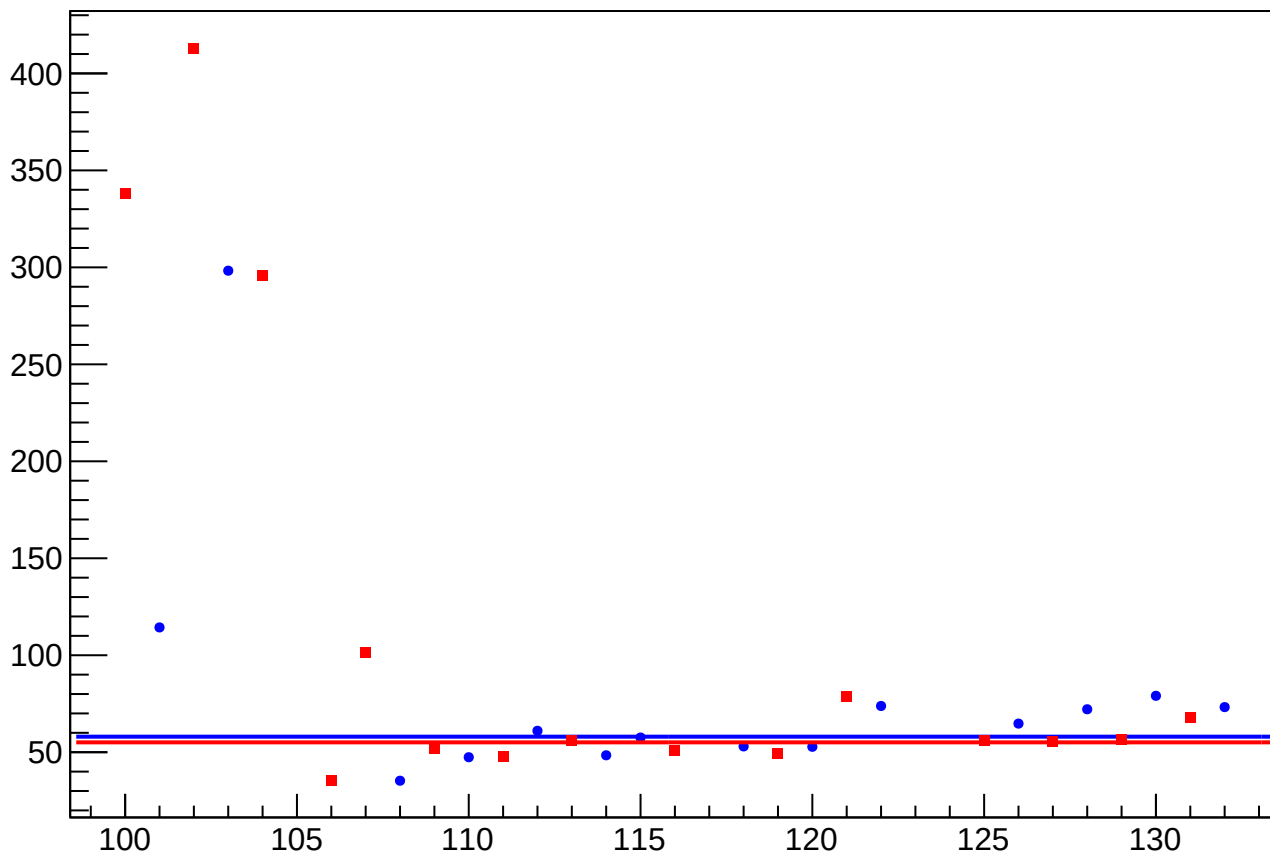
asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.025+/-0.027 χ^2/NDF : 10.7/13
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -0.009+/-0.026 χ^2/NDF : 13.5/14
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.007+/-0.019 χ^2/NDF : 24.9/28
 In: 0.025+/-0.027 χ^2/NDF :10.7/13
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.007+/-0.019 χ^2/NDF : 24.9/28

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.017+/-0.019 χ^2/NDF : 1564620.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.084+/-0.019 χ^2/NDF : 1689358.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

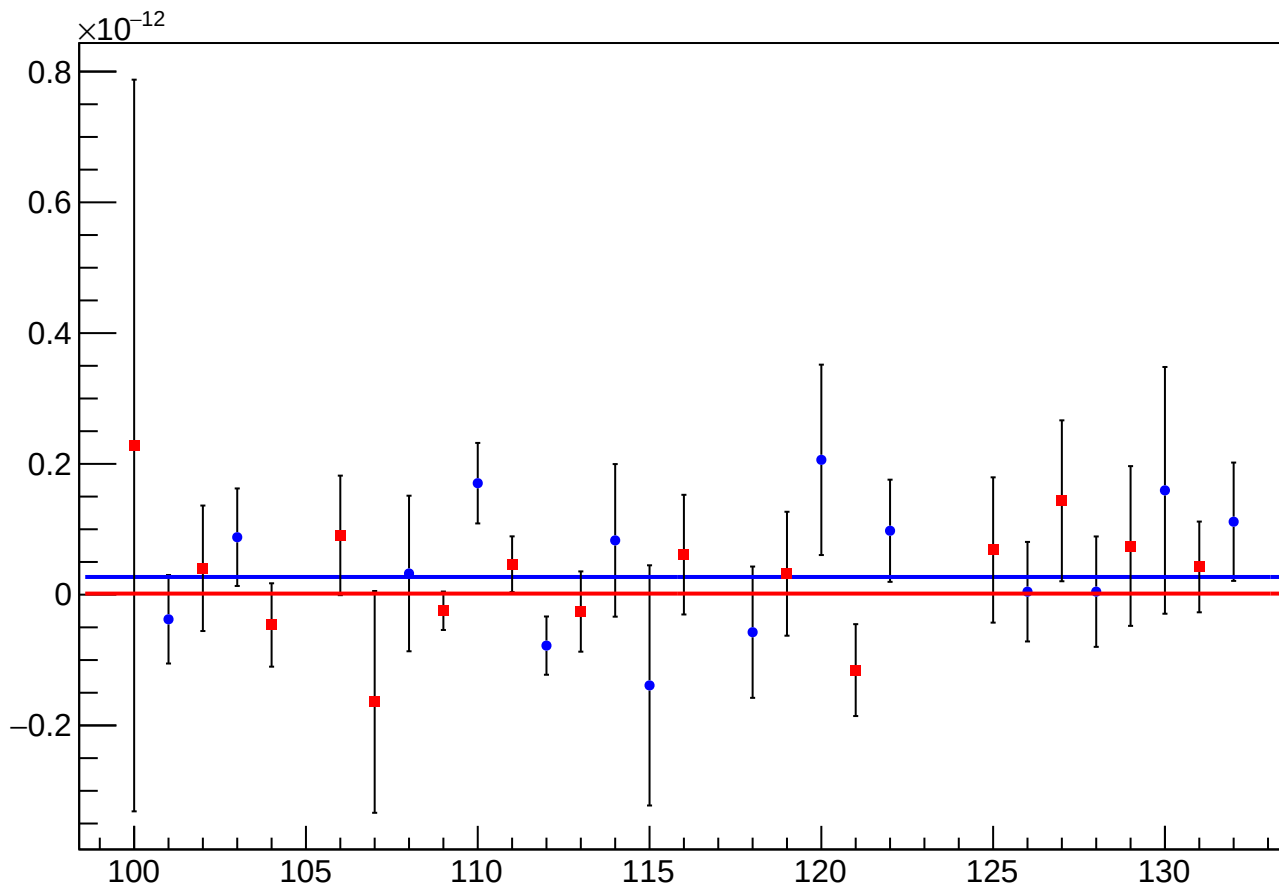
Right: 56.517+/-0.013 χ^2/NDF : 3266174.4/28

In: 58.017+/-0.019 χ^2/NDF : 1564620.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.517+/-0.013 χ^2/NDF : 3266174.4/28

asym_us_dd_atlr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 18.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

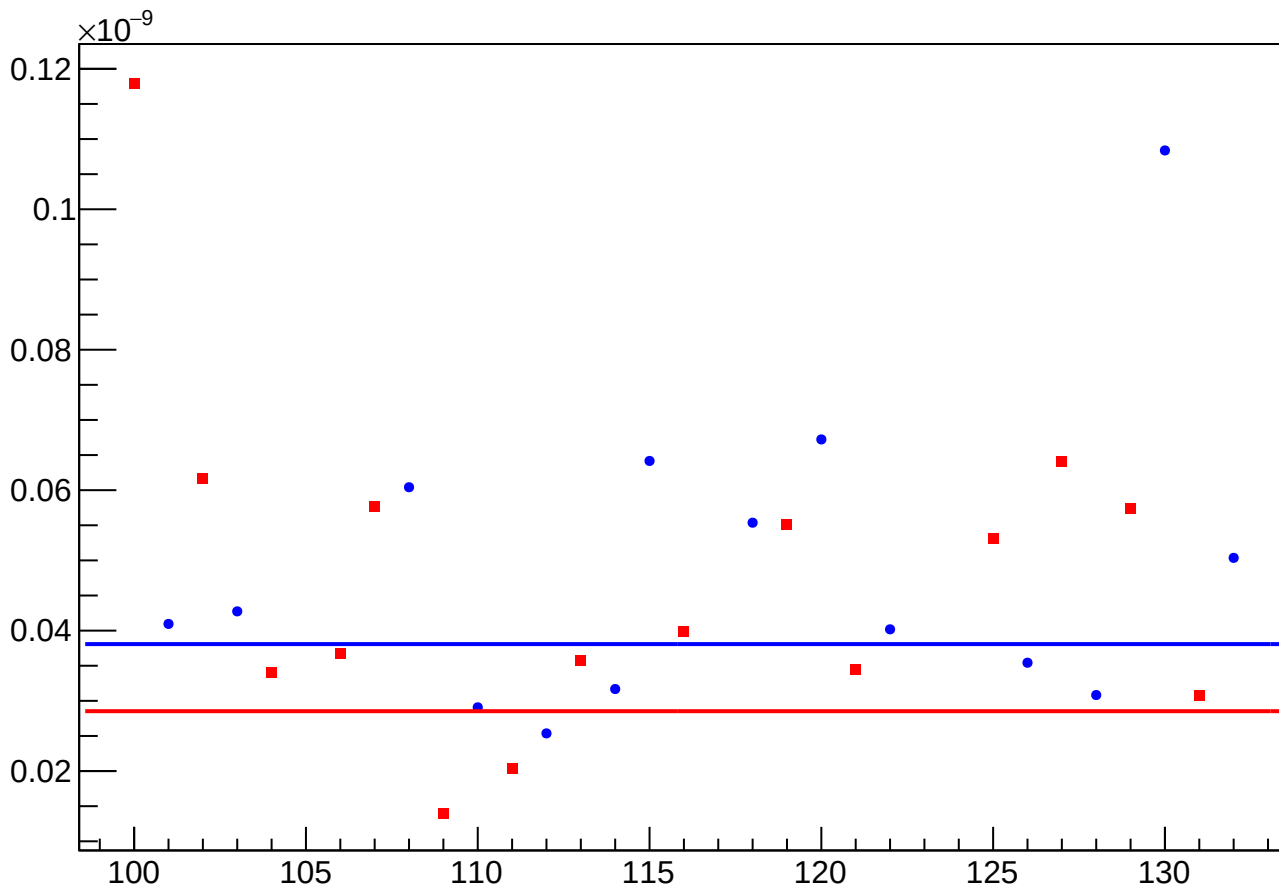
Right: 0.000+/-0.000 χ^2/NDF : 29.6/28

In: 0.000+/-0.000 χ^2/NDF : 18.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.6/28

asym_us_dd_atlr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 806523.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1552898.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

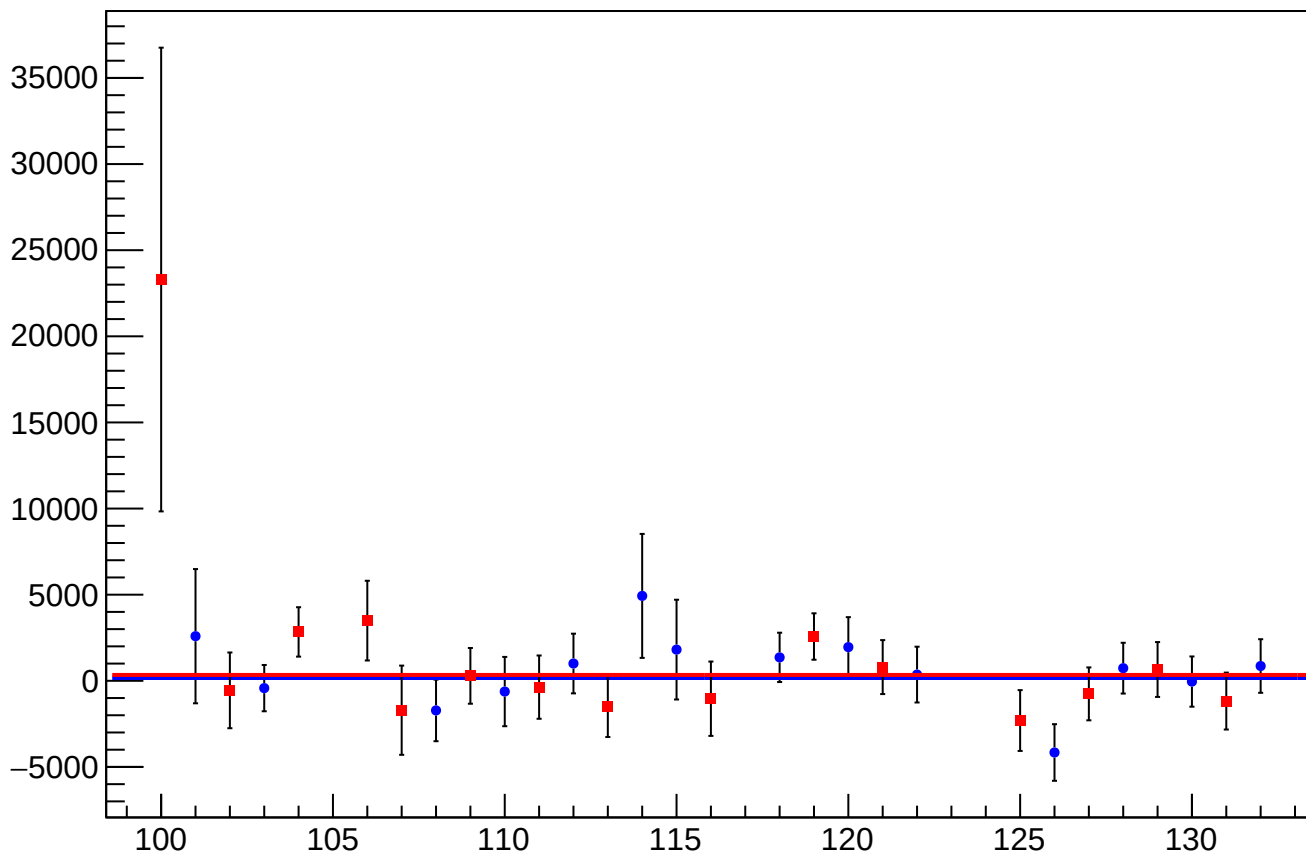
Right: 0.000+/-0.000 χ^2/NDF : 2595590.0/28

In: 0.000+/-0.000 χ^2/NDF : 806523.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2595590.0/28

reg_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 162.710 $\pm$ 465.098 χ^2 /NDF: 13.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 340.408 $\pm$ 460.755 χ^2 /NDF: 16.7/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

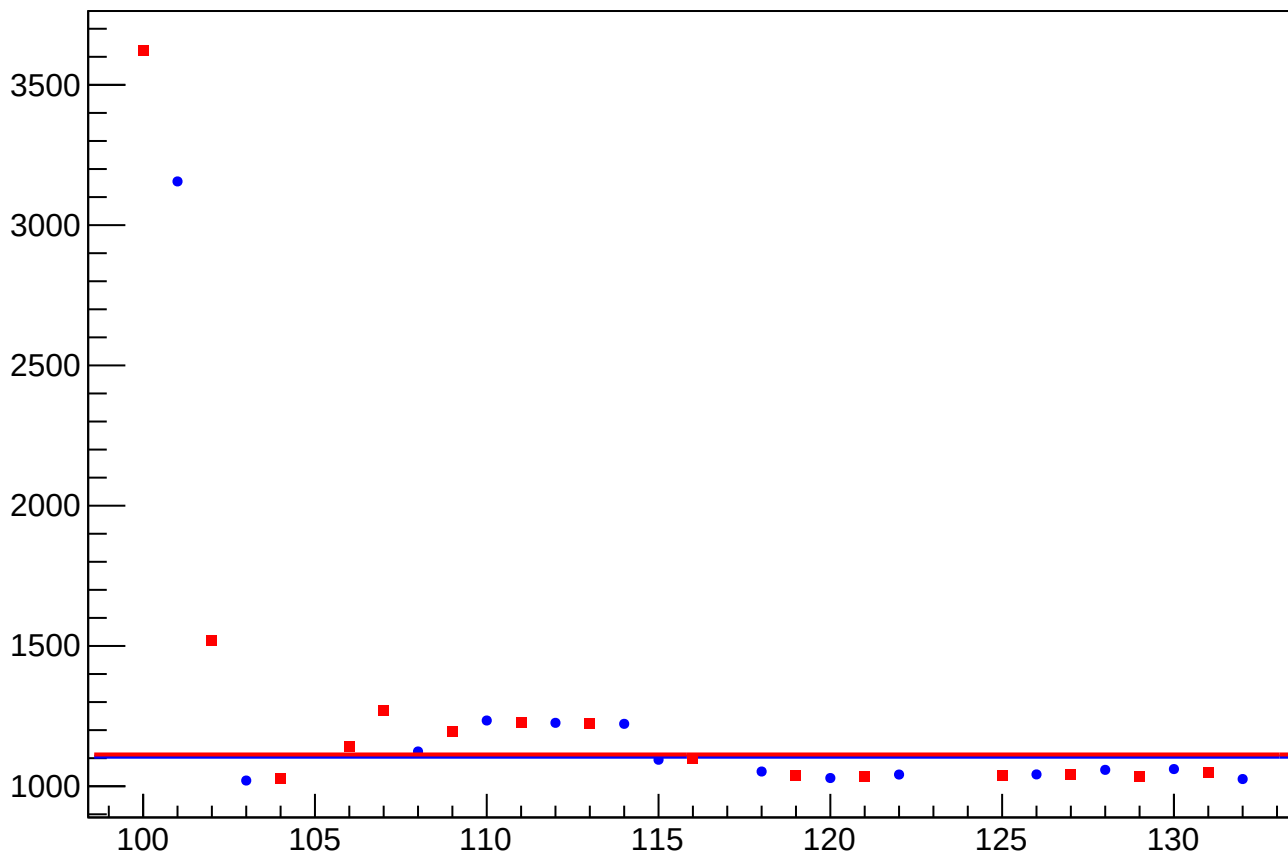
Right: 252.392 $\pm$ 327.328 χ^2 /NDF: 30.0/28

In: 162.710 $\pm$ 465.098 χ^2 /NDF:13.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 252.392 $\pm$ 327.328 χ^2 /NDF: 30.0/28

reg_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1105.271+/-0.329 χ^2/NDF : 603682.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1113.203+/-0.326 χ^2/NDF : 200685.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

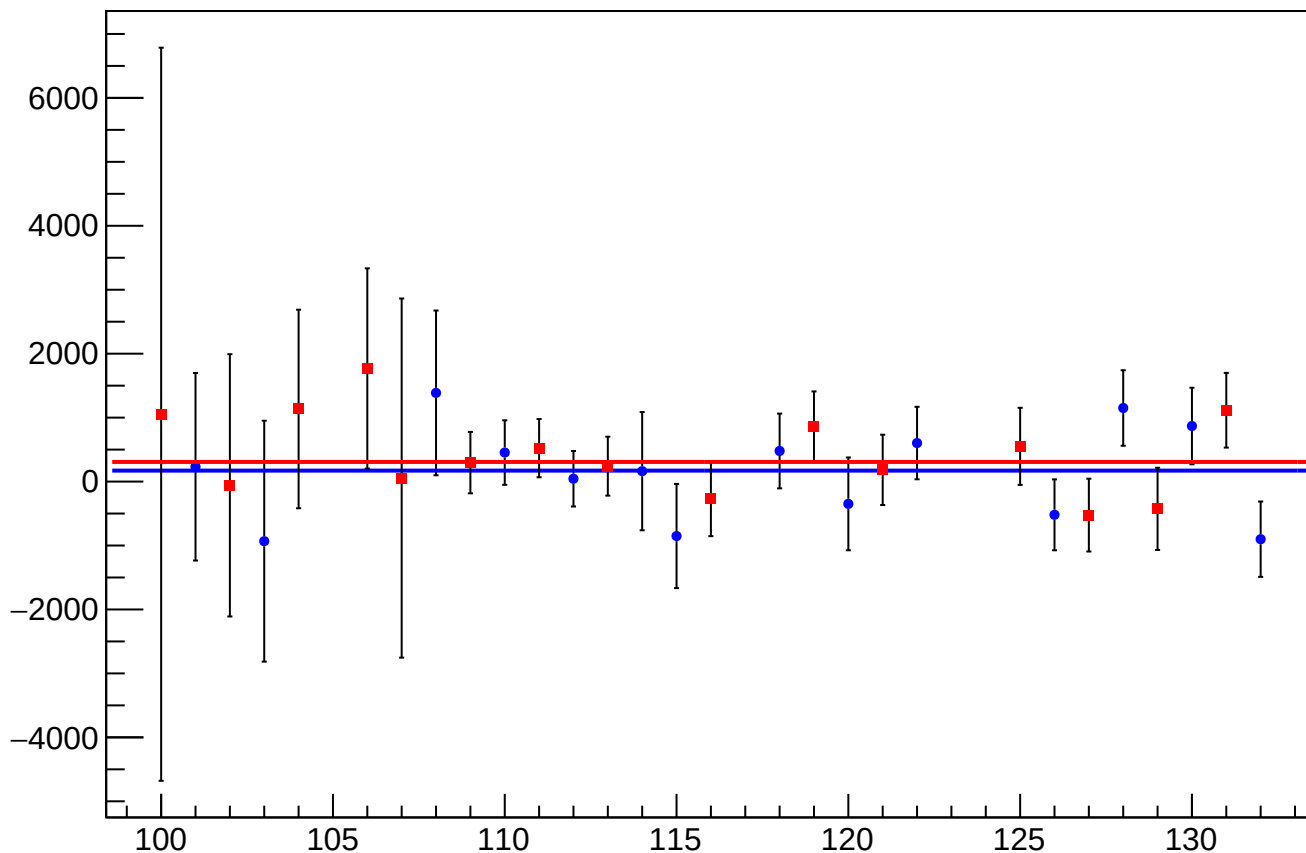
Right: 1109.274+/-0.231 χ^2/NDF : 804661.5/28

In: 1105.271+/-0.329 χ^2/NDF : 603682.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1109.274+/-0.231 χ^2/NDF : 804661.5/28

asym_us_dd_atlr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 171.396+/-174.055 χ^2/NDF : 13.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 306.887+/-167.031 χ^2/NDF : 9.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

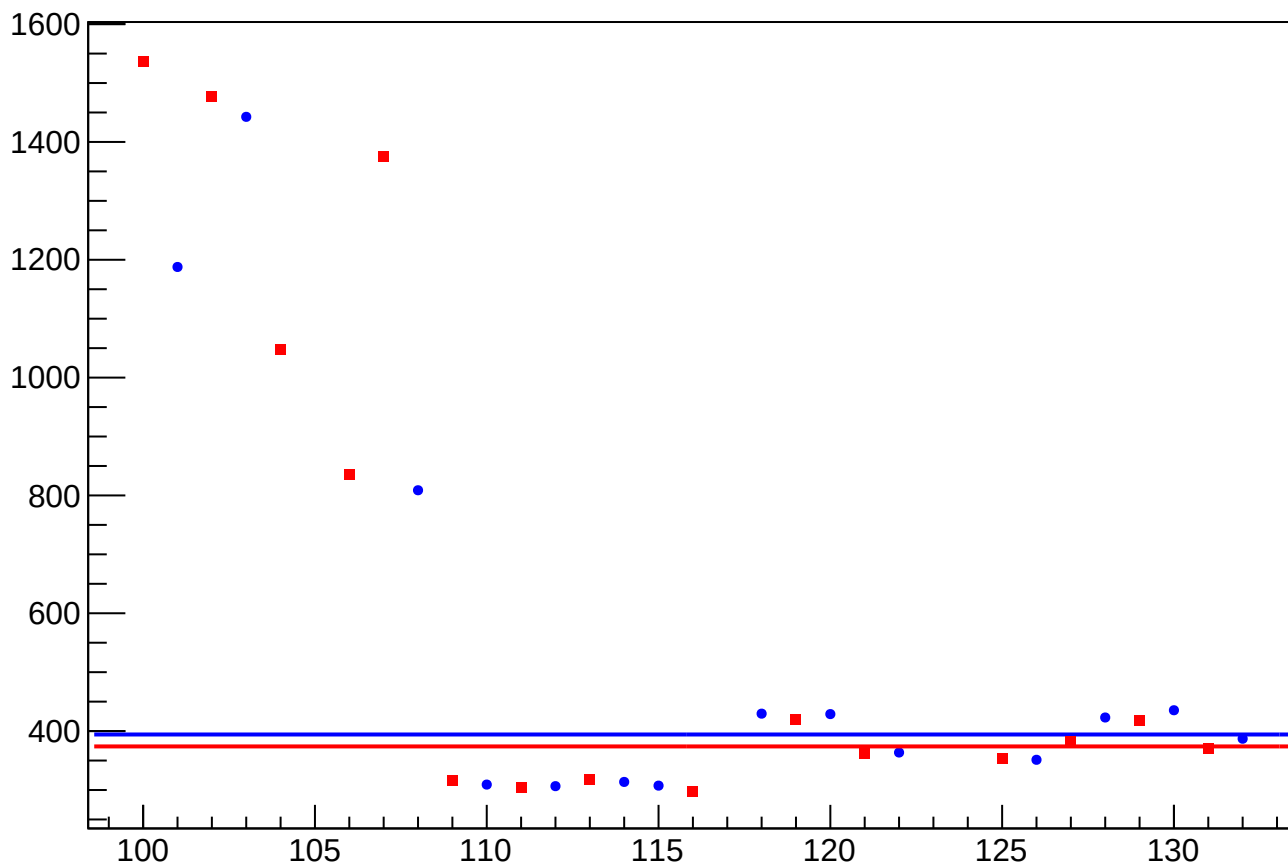
Right: 241.931+/-120.515 χ^2/NDF : 22.9/28

In: 171.396+/-174.055 χ^2/NDF : 13.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 241.931+/-120.515 χ^2/NDF : 22.9/28

asym_us_dd_atlr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 394.228+/-0.123 χ^2/NDF : 1632761.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 373.972+/-0.118 χ^2/NDF : 1634968.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

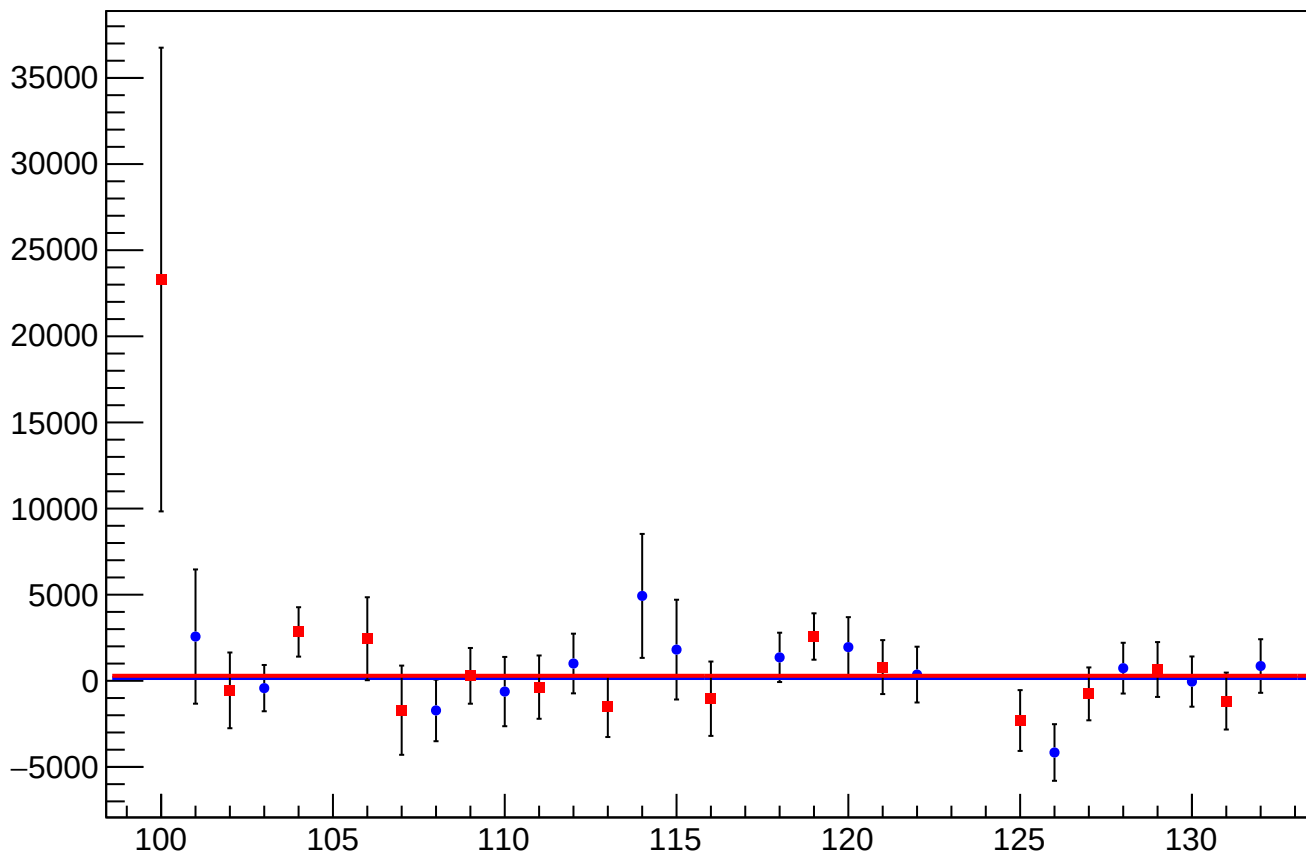
Right: 383.683+/-0.085 χ^2/NDF : 3281830.5/28

In: 394.228+/-0.123 χ^2/NDF : 1632761.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 383.683+/-0.085 χ^2/NDF : 3281830.5/28

cor_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 162.247+/-465.098 χ^2/NDF : 13.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 292.160+/-461.461 χ^2/NDF : 15.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

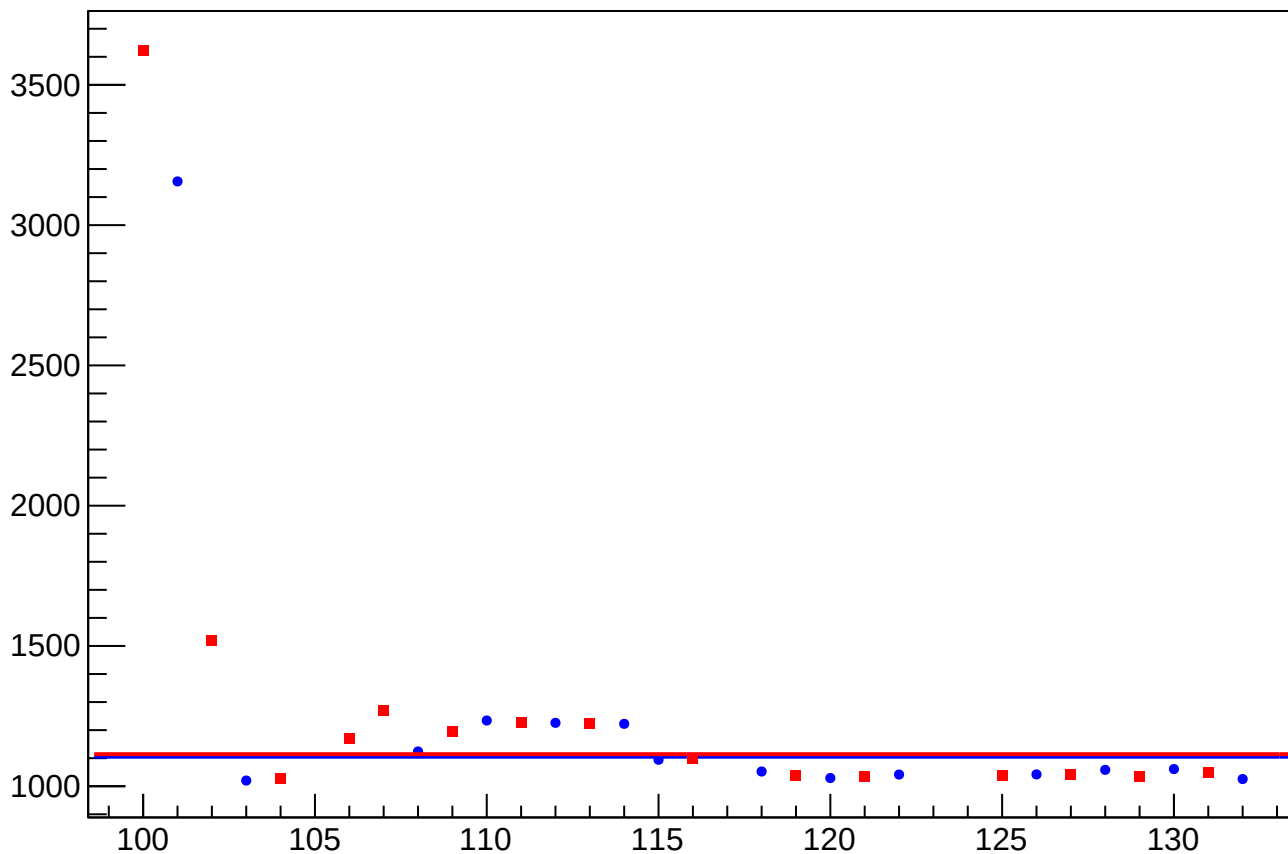
Right: 227.713+/-327.581 χ^2/NDF : 28.8/28

In: 162.247+/-465.098 χ^2/NDF : 13.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.713+/-327.581 χ^2/NDF : 28.8/28

cor_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1105.271+/-0.329 χ^2/NDF : 603683.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1114.271+/-0.326 χ^2/NDF : 201580.4/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

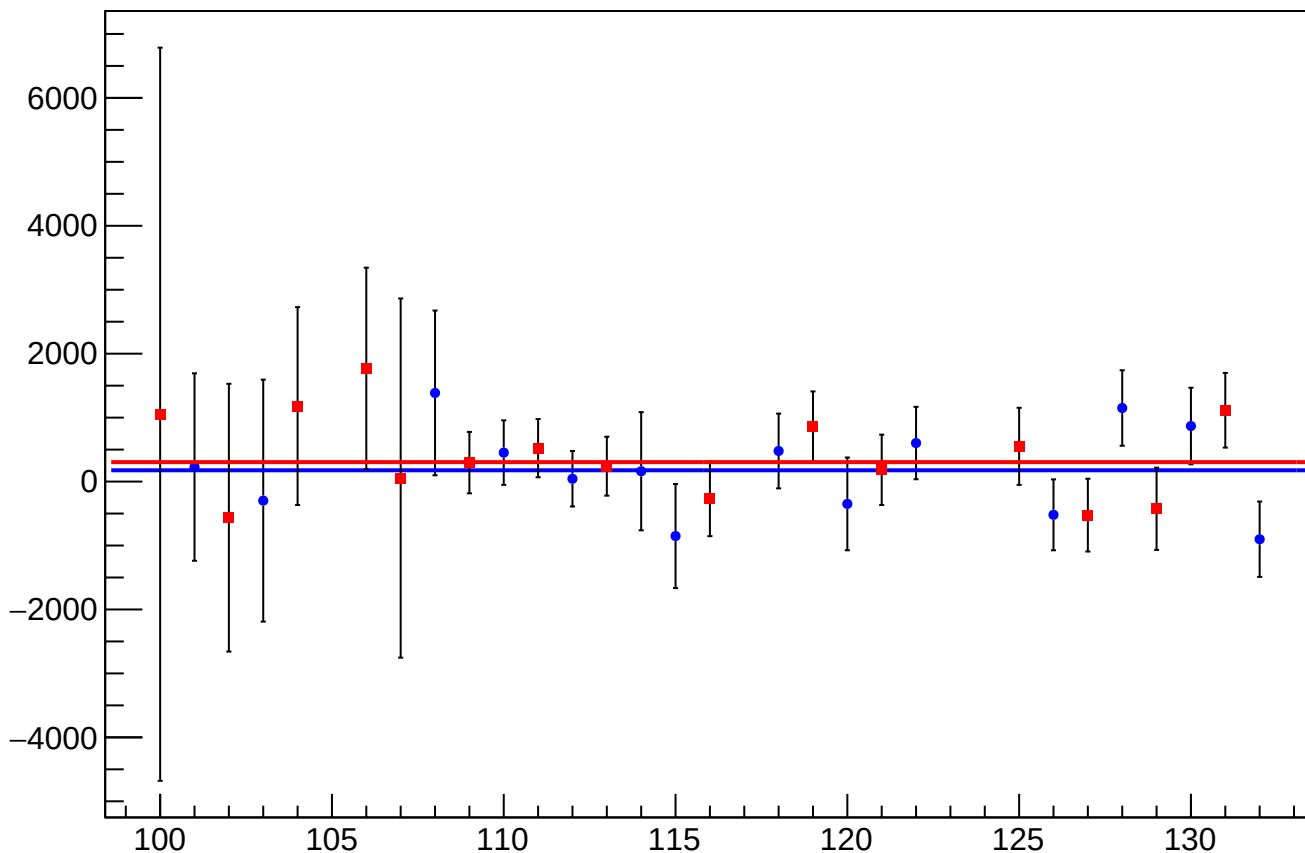
Right: 1109.806+/-0.232 χ^2/NDF : 805641.2/28

In: 1105.271+/-0.329 χ^2/NDF :603683.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1109.806+/-0.232 χ^2/NDF : 805641.2/28

asym_us_dd_atlr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 176.572 $\pm$ 174.057 χ^2 /NDF: 13.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 304.256 $\pm$ 167.060 χ^2 /NDF: 9.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

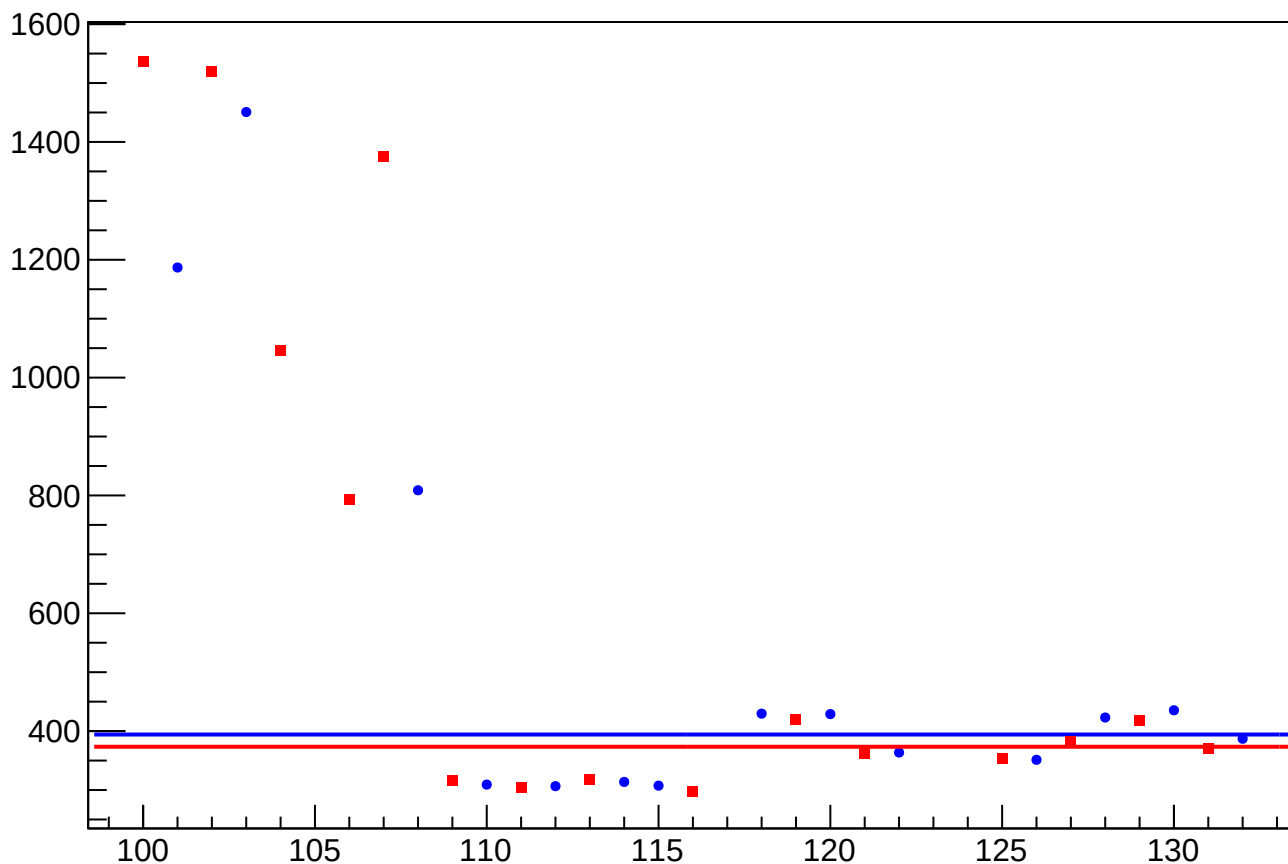
Right: 243.032 $\pm$ 120.527 χ^2 /NDF: 22.7/28

In: 176.572 $\pm$ 174.057 χ^2 /NDF:13.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 243.032 $\pm$ 120.527 χ^2 /NDF: 22.7/28

asym_us_dd_atlr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 394.213+/-0.123 χ^2/NDF : 1636434.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 373.438+/-0.118 χ^2/NDF : 1622105.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

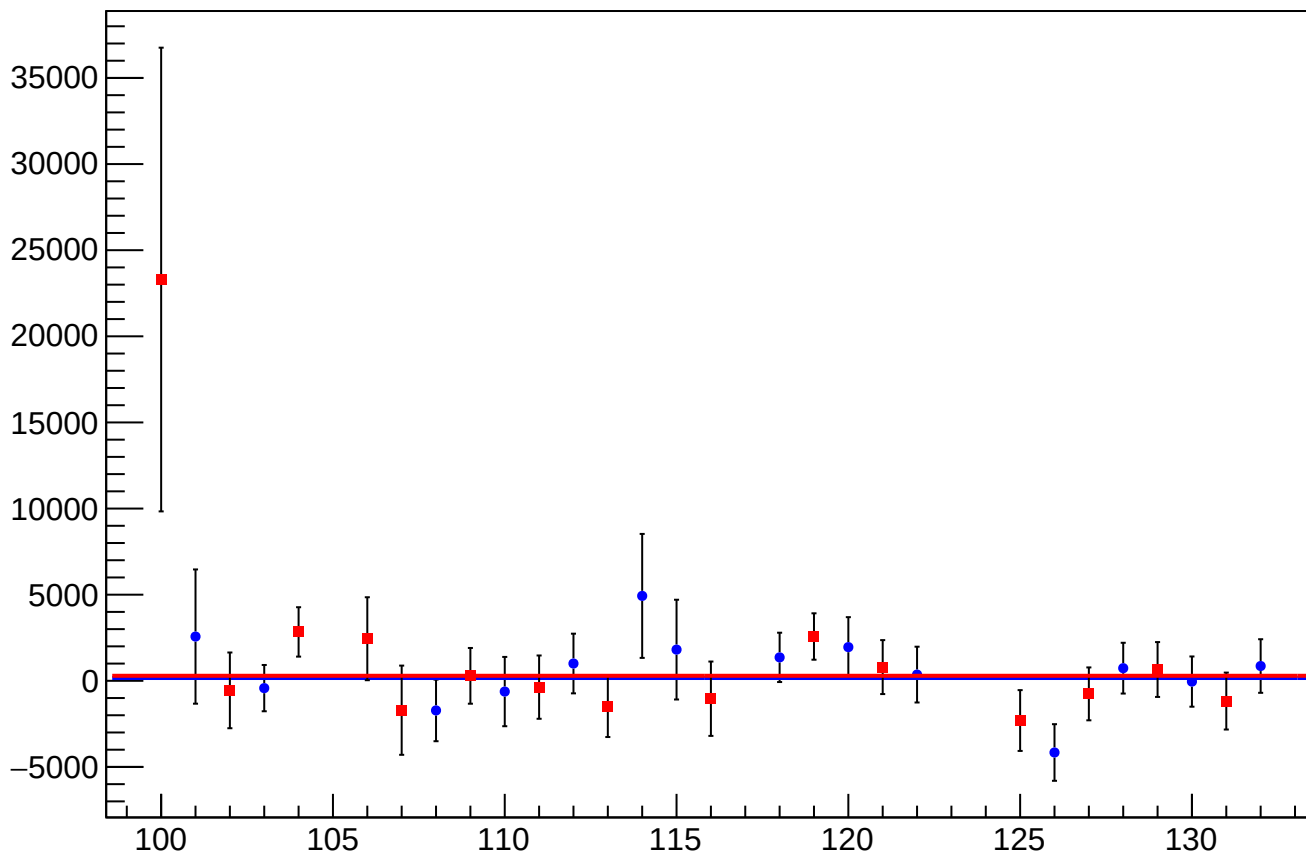
Right: 383.400+/-0.085 χ^2/NDF : 3273370.2/28

In: 394.213+/-0.123 χ^2/NDF : 1636434.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 383.400+/-0.085 χ^2/NDF : 3273370.2/28

eigen_cor_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 162.247+/-465.098 χ^2/NDF : 13.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 292.160+/-461.461 χ^2/NDF : 15.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

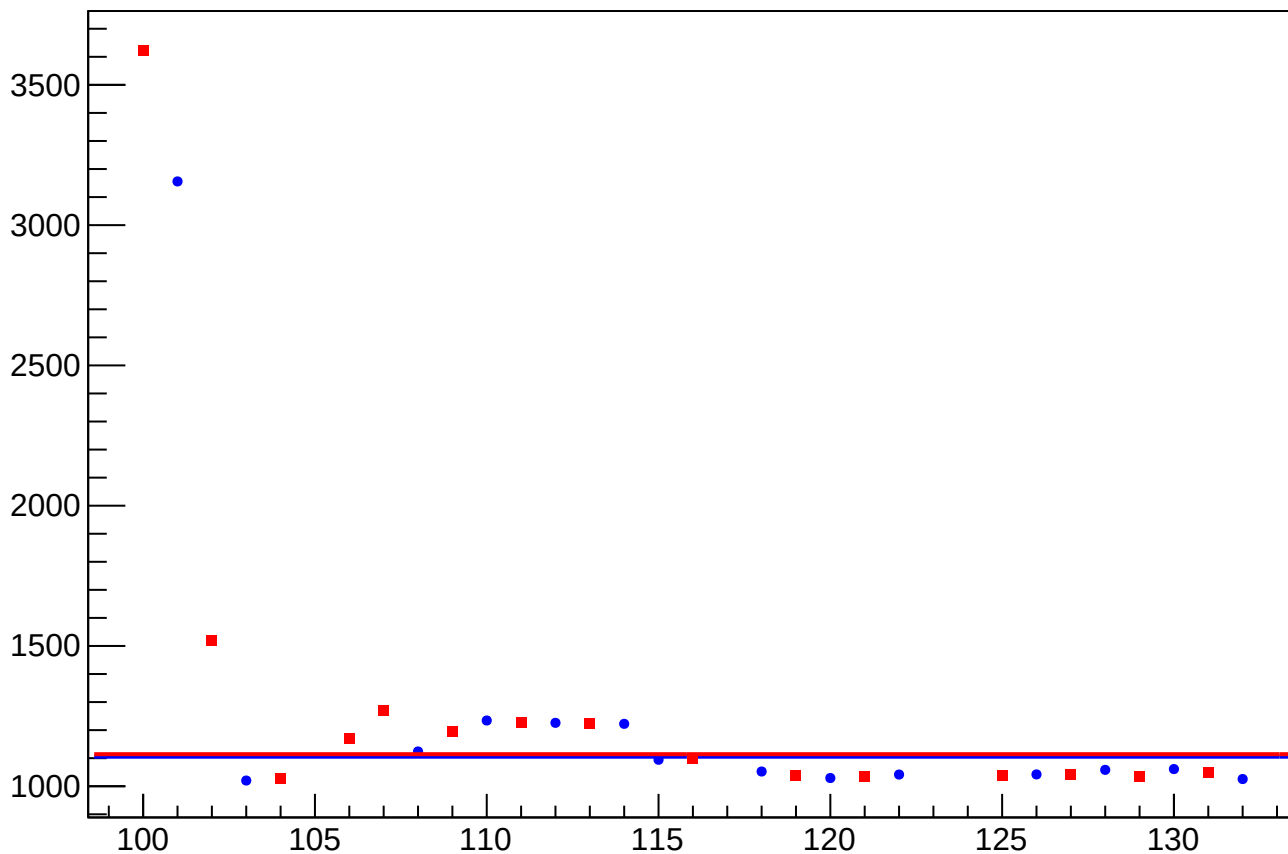
Right: 227.713+/-327.581 χ^2/NDF : 28.8/28

In: 162.247+/-465.098 χ^2/NDF : 13.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.713+/-327.581 χ^2/NDF : 28.8/28

eigen_cor_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1105.271+/-0.329 χ^2/NDF : 603683.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1114.271+/-0.326 χ^2/NDF : 201580.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

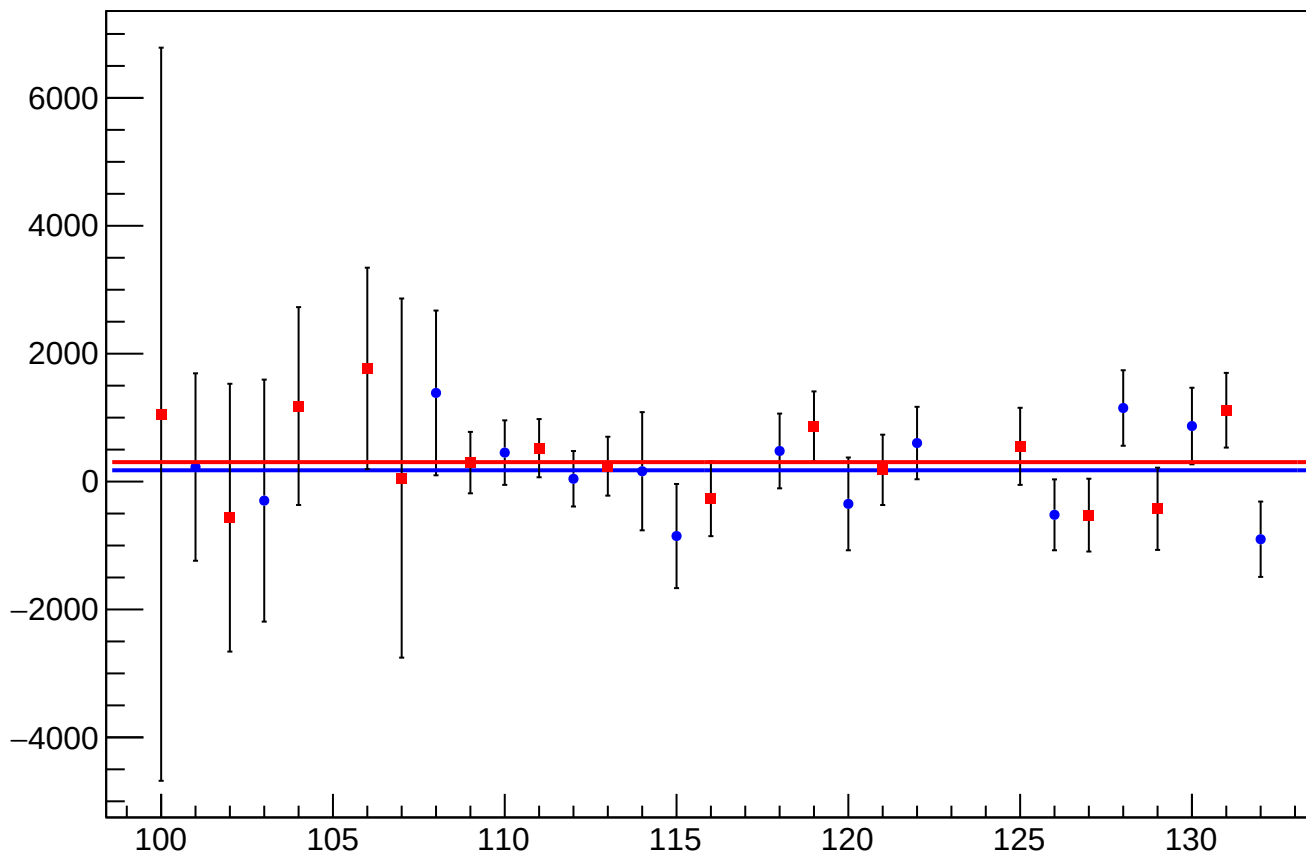
Right: 1109.806+/-0.232 χ^2/NDF : 805641.2/28

In: 1105.271+/-0.329 χ^2/NDF : 603683.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1109.806+/-0.232 χ^2/NDF : 805641.2/28

asym_us_dd_atlr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 176.572 $\pm$ 174.057 χ^2 /NDF: 13.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 304.256 $\pm$ 167.060 χ^2 /NDF: 9.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

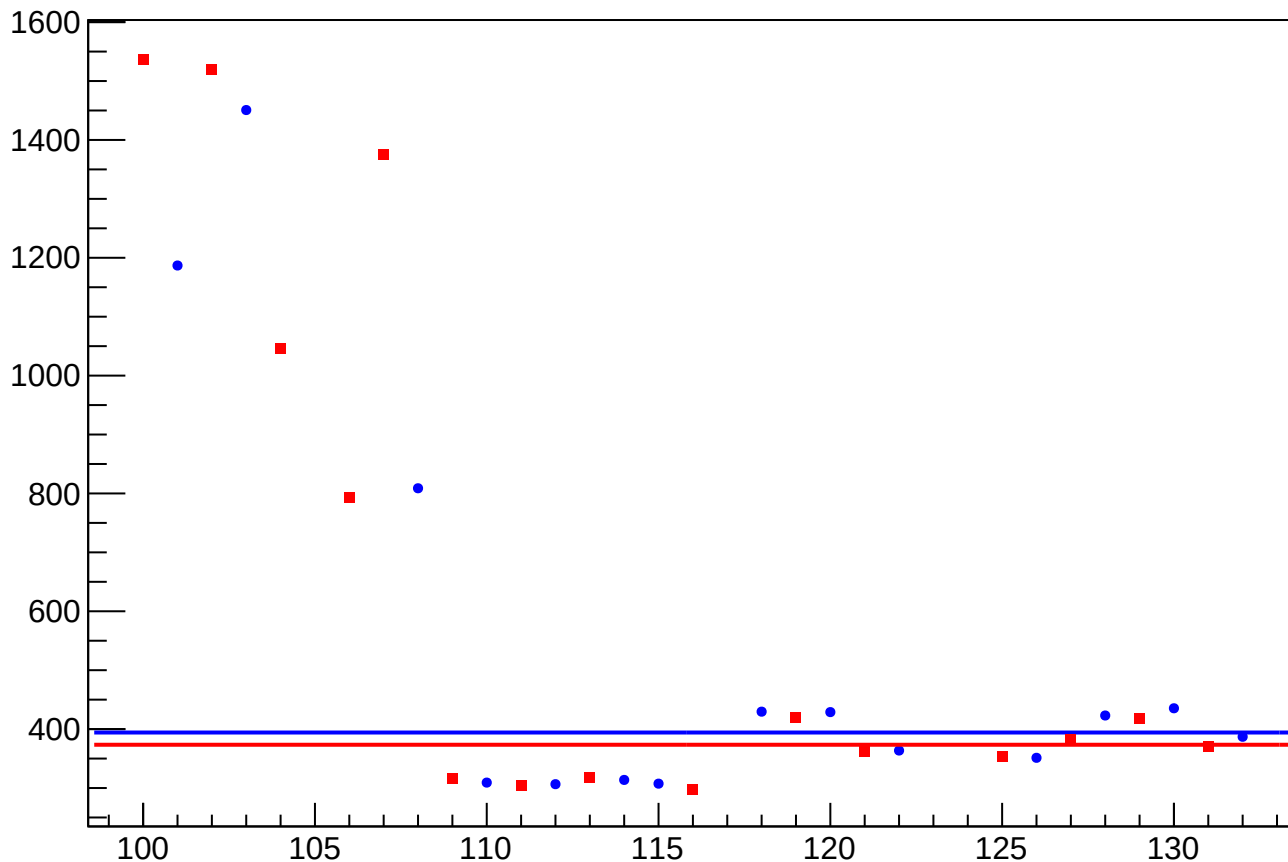
Right: 243.032 $\pm$ 120.527 χ^2 /NDF: 22.7/28

In: 176.572 $\pm$ 174.057 χ^2 /NDF:13.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 243.032 $\pm$ 120.527 χ^2 /NDF: 22.7/28

asym_us_dd_atlr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 394.213+/-0.123 χ^2/NDF : 1636434.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 373.438+/-0.118 χ^2/NDF : 1622105.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

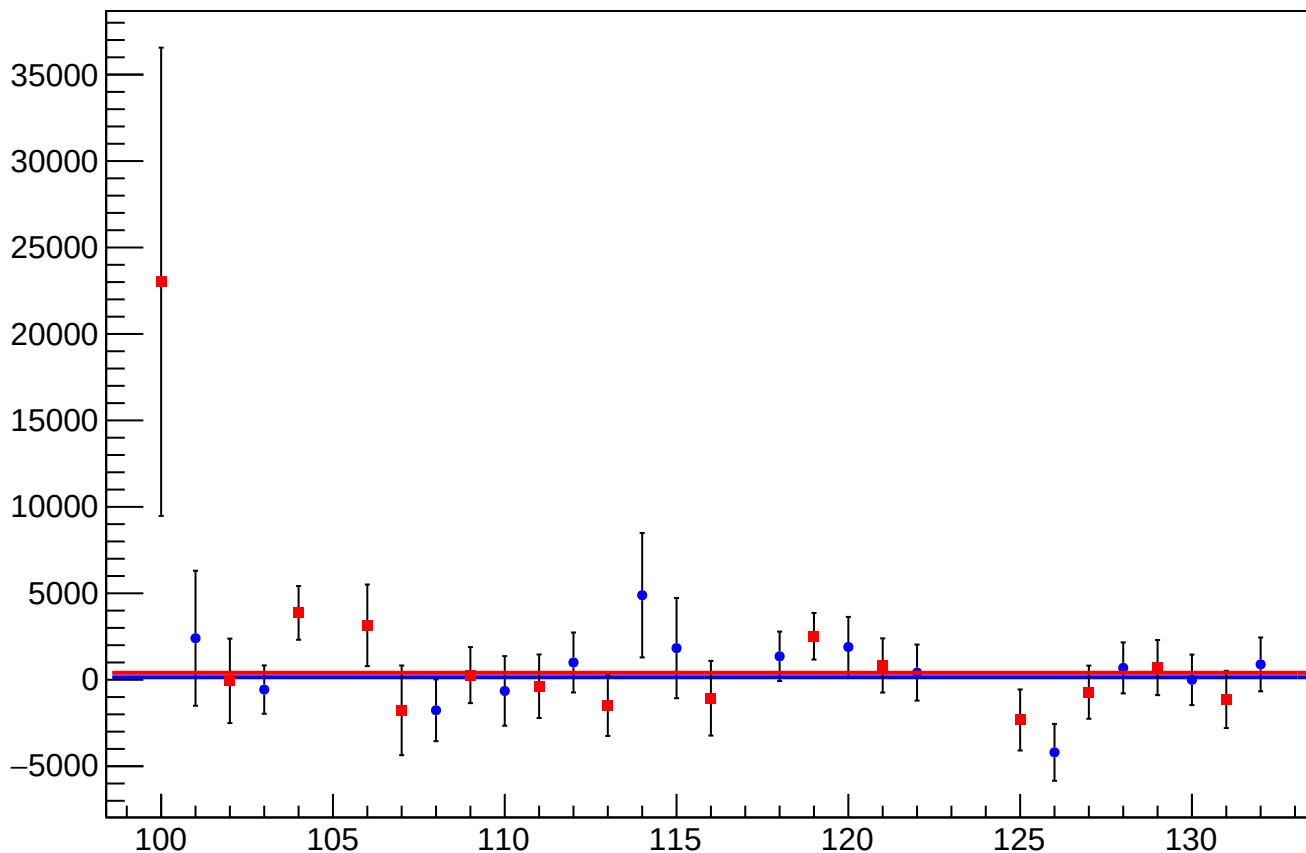
Right: 383.400+/-0.085 χ^2/NDF : 3273370.2/28

In: 394.213+/-0.123 χ^2/NDF : 1636434.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 383.400+/-0.085 χ^2/NDF : 3273370.2/28

dit_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 143.697 $\pm$ 467.550 χ^2 /NDF: 13.3/13

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 402.409 $\pm$ -466.940 χ^2 /NDF: 18.0/14

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

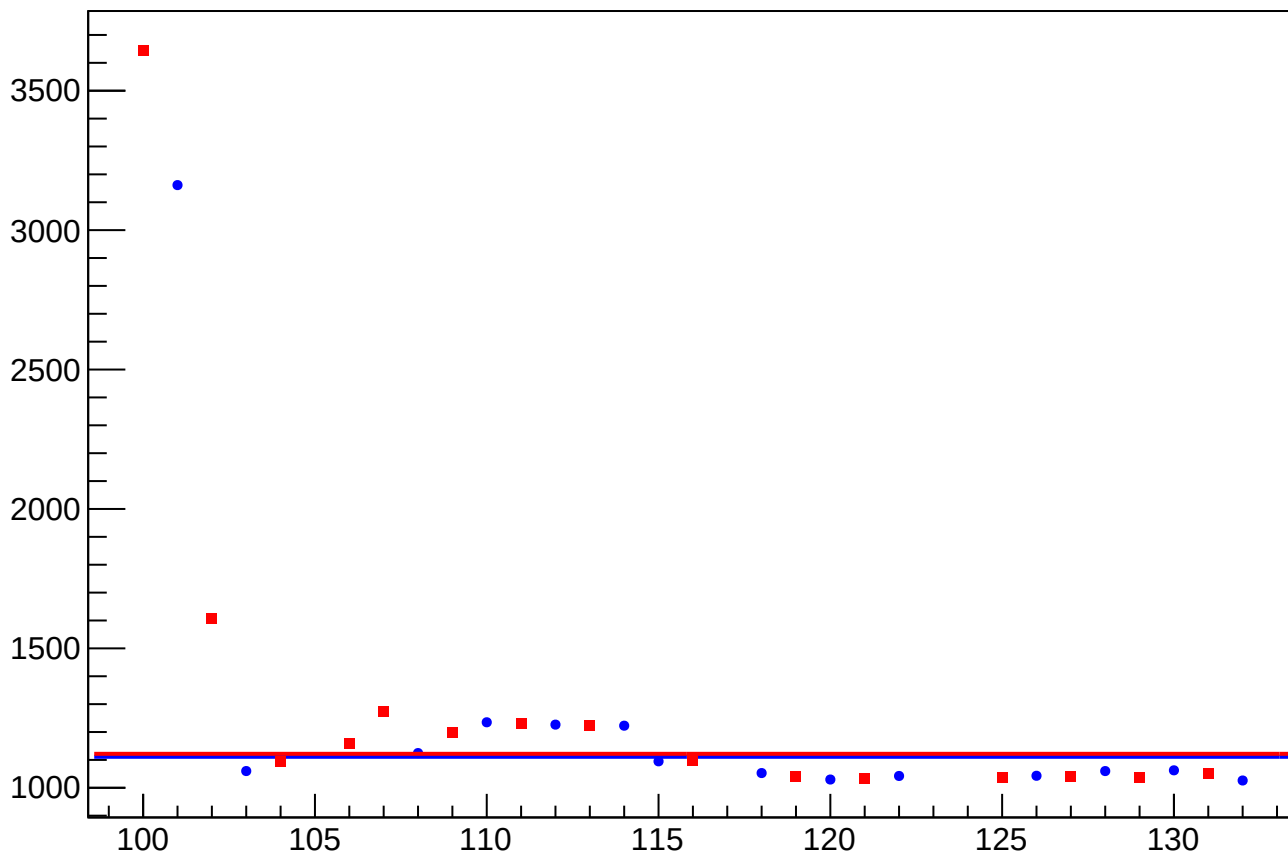
Right: 273.222 $\pm$ -330.392 χ^2 /NDF: 31.4/28

In: 143.697 $\pm$ -467.550 χ^2 /NDF:13.3/13

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 273.222 $\pm$ -330.392 χ^2 /NDF: 31.4/28

dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1111.202+/-0.331 χ^2/NDF : 598128.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1121.846+/-0.330 χ^2/NDF : 207128.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

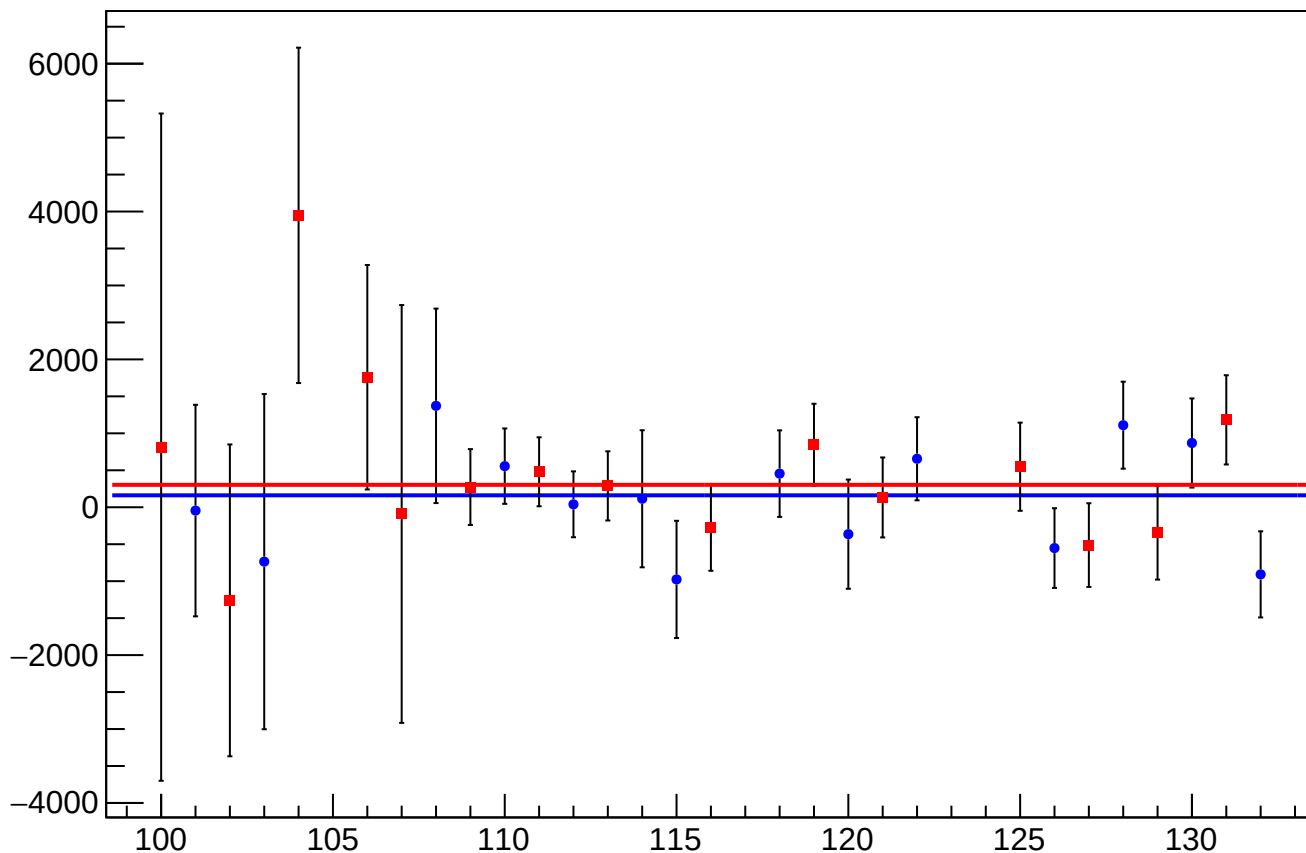
Right: 1116.531+/-0.234 χ^2/NDF : 805775.7/28

In: 1111.202+/-0.331 χ^2/NDF : 598128.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1116.531+/-0.234 χ^2/NDF : 805775.7/28

asym_us_dd_atlr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 161.516+/-174.501 χ^2/NDF : 14.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 303.209+/-169.522 χ^2/NDF : 11.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

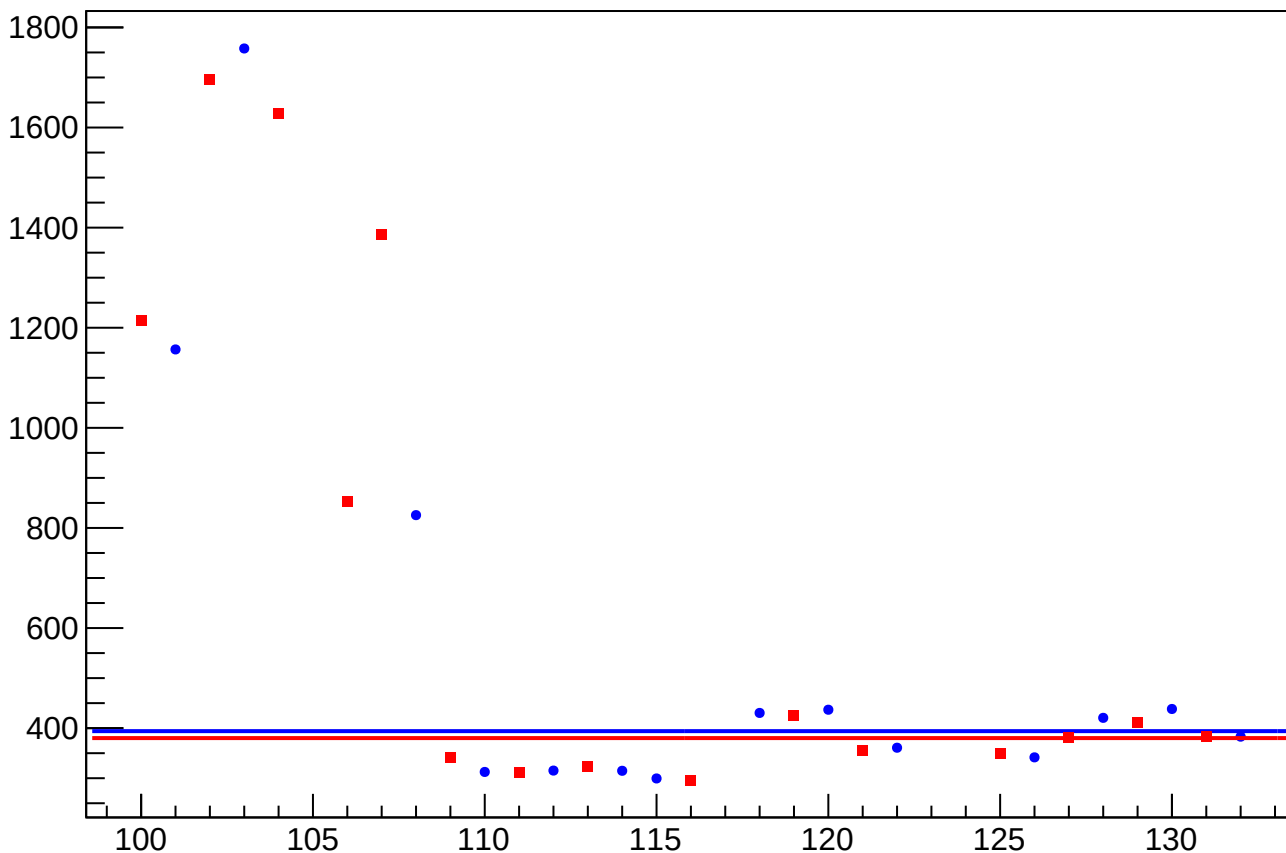
Right: 234.413+/-121.592 χ^2/NDF : 26.4/28

In: 161.516+/-174.501 χ^2/NDF : 14.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 234.413+/-121.592 χ^2/NDF : 26.4/28

asym_us_dd_atlr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 394.055+/-0.123 χ^2/NDF : 1720021.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 380.166+/-0.120 χ^2/NDF : 2052830.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

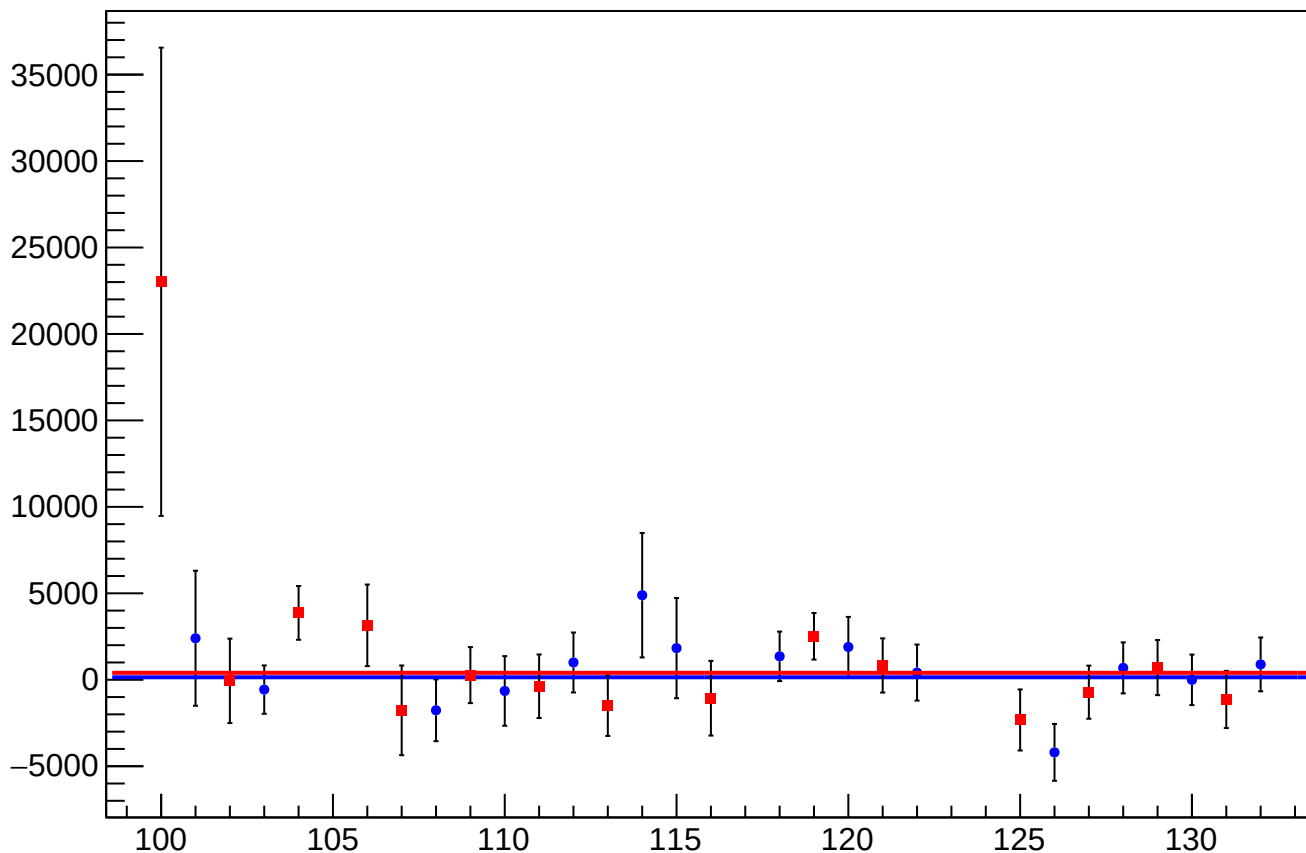
Right: 386.909+/-0.086 χ^2/NDF : 3779369.1/28

In: 394.055+/-0.123 χ^2/NDF : 1720021.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 386.909+/-0.086 χ^2/NDF : 3779369.1/28

eigen_dit_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 143.693+/-467.550 χ^2/NDF : 13.3/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 402.409+/-466.940 χ^2/NDF : 18.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

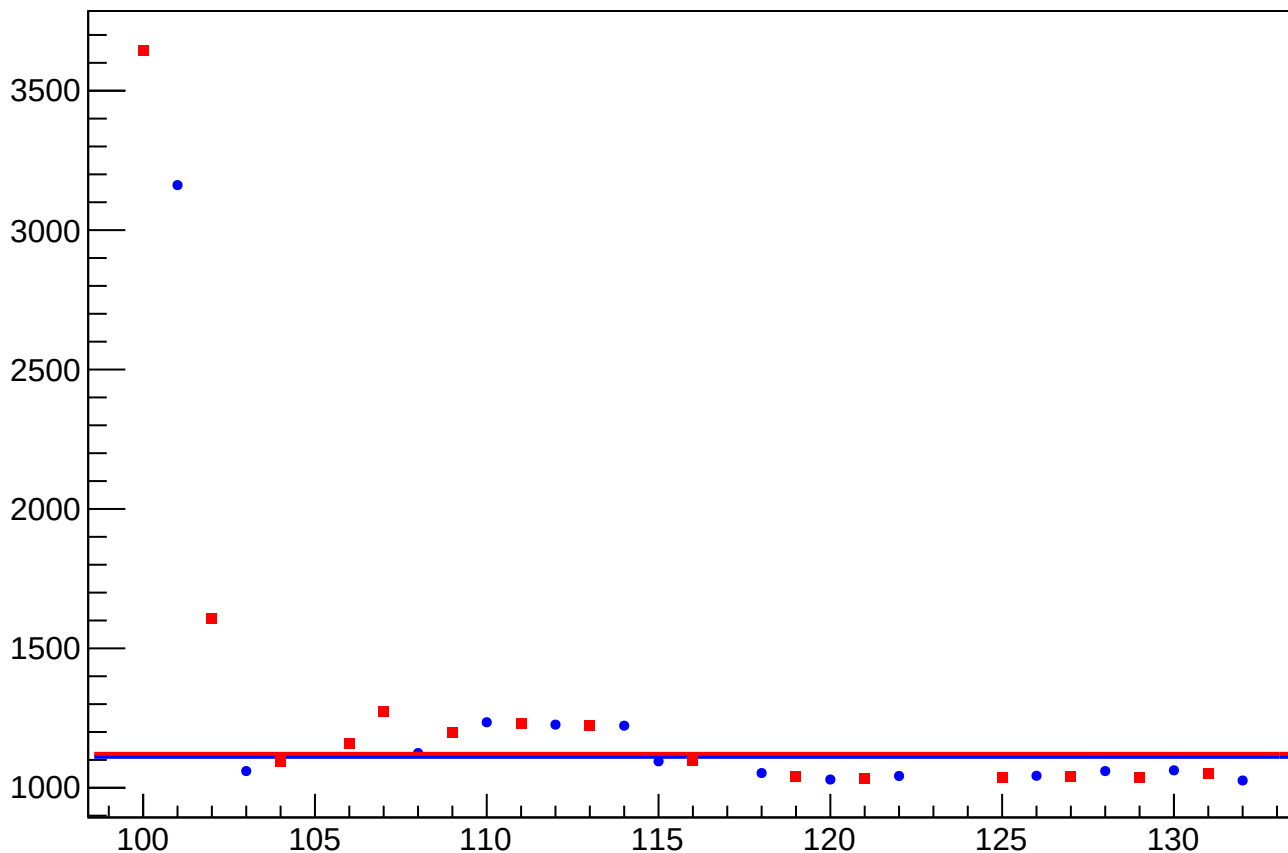
Right: 273.220+/-330.392 χ^2/NDF : 31.4/28

In: 143.693+/-467.550 χ^2/NDF :13.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 273.220+/-330.392 χ^2/NDF : 31.4/28

eigen_dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1111.202+/-0.331 χ^2/NDF : 598128.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1121.846+/-0.330 χ^2/NDF : 207128.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

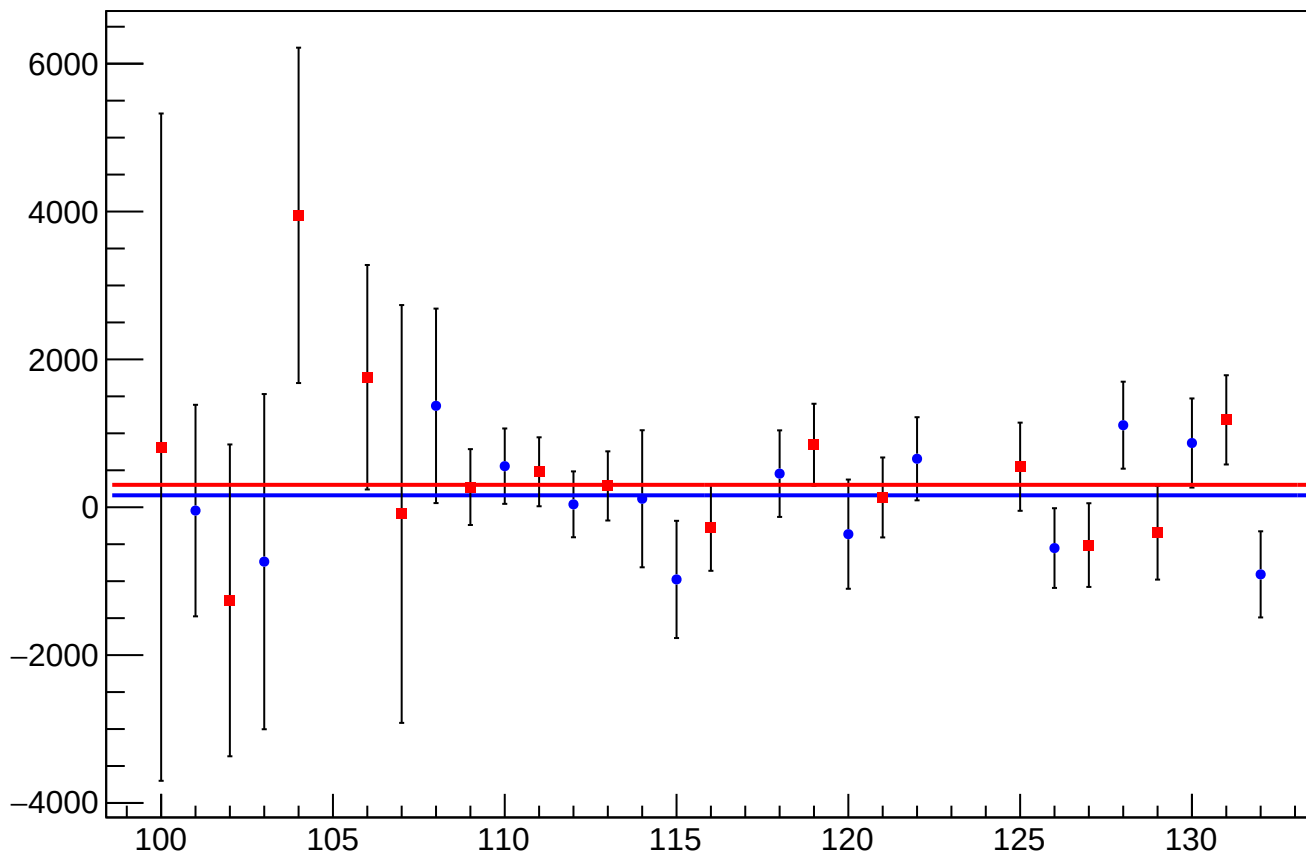
Right: 1116.531+/-0.234 χ^2/NDF : 805775.8/28

In: 1111.202+/-0.331 χ^2/NDF : 598128.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1116.531+/-0.234 χ^2/NDF : 805775.8/28

asym_us_dd_atlr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 161.512 $\pm$ 174.501 χ^2 /NDF: 14.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 303.208 $\pm$ 169.521 χ^2 /NDF: 11.7/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

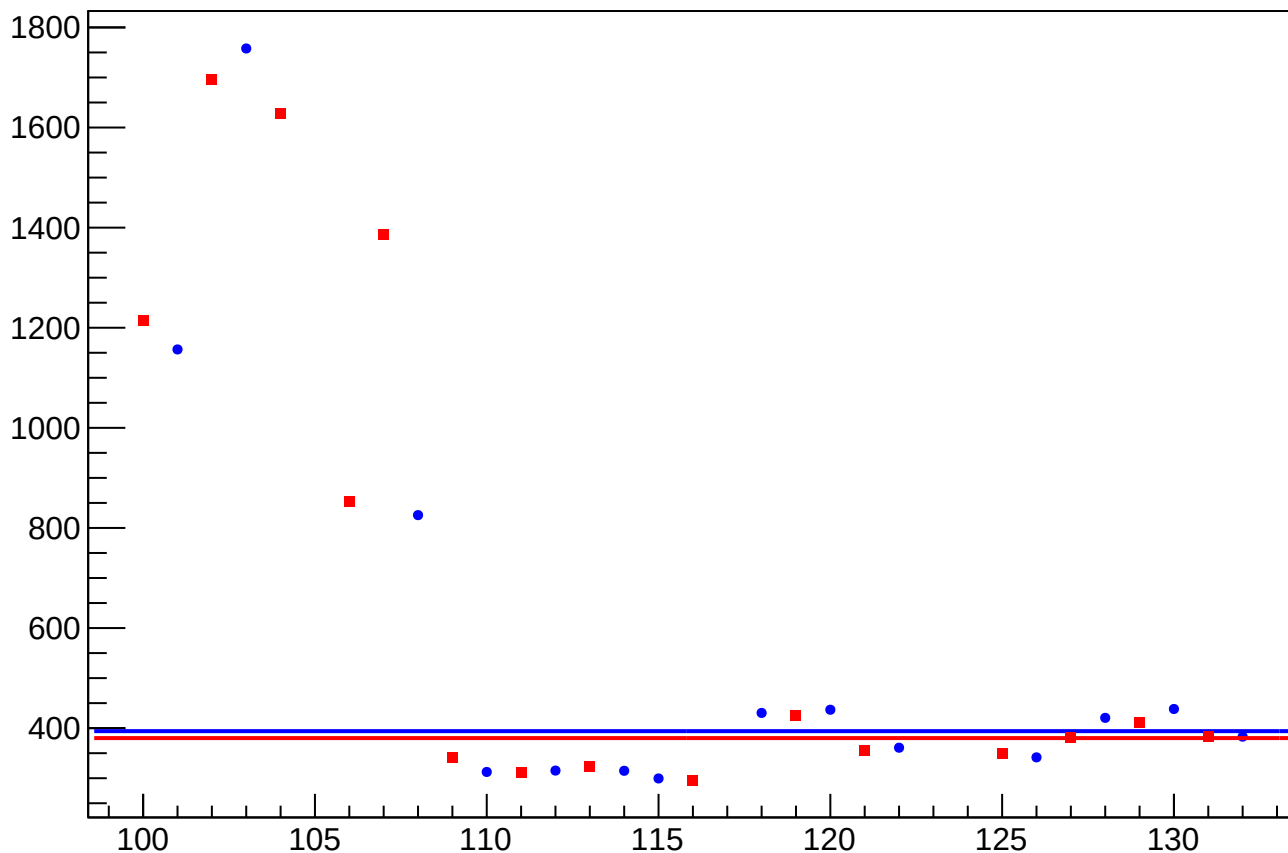
Right: 234.411 $\pm$ 121.592 χ^2 /NDF: 26.4/28

In: 161.512 $\pm$ 174.501 χ^2 /NDF:14.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 234.411 $\pm$ 121.592 χ^2 /NDF: 26.4/28

asym_us_dd_atlr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 394.053+/-0.123 χ^2/NDF : 1720021.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 380.164+/-0.120 χ^2/NDF : 2052841.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

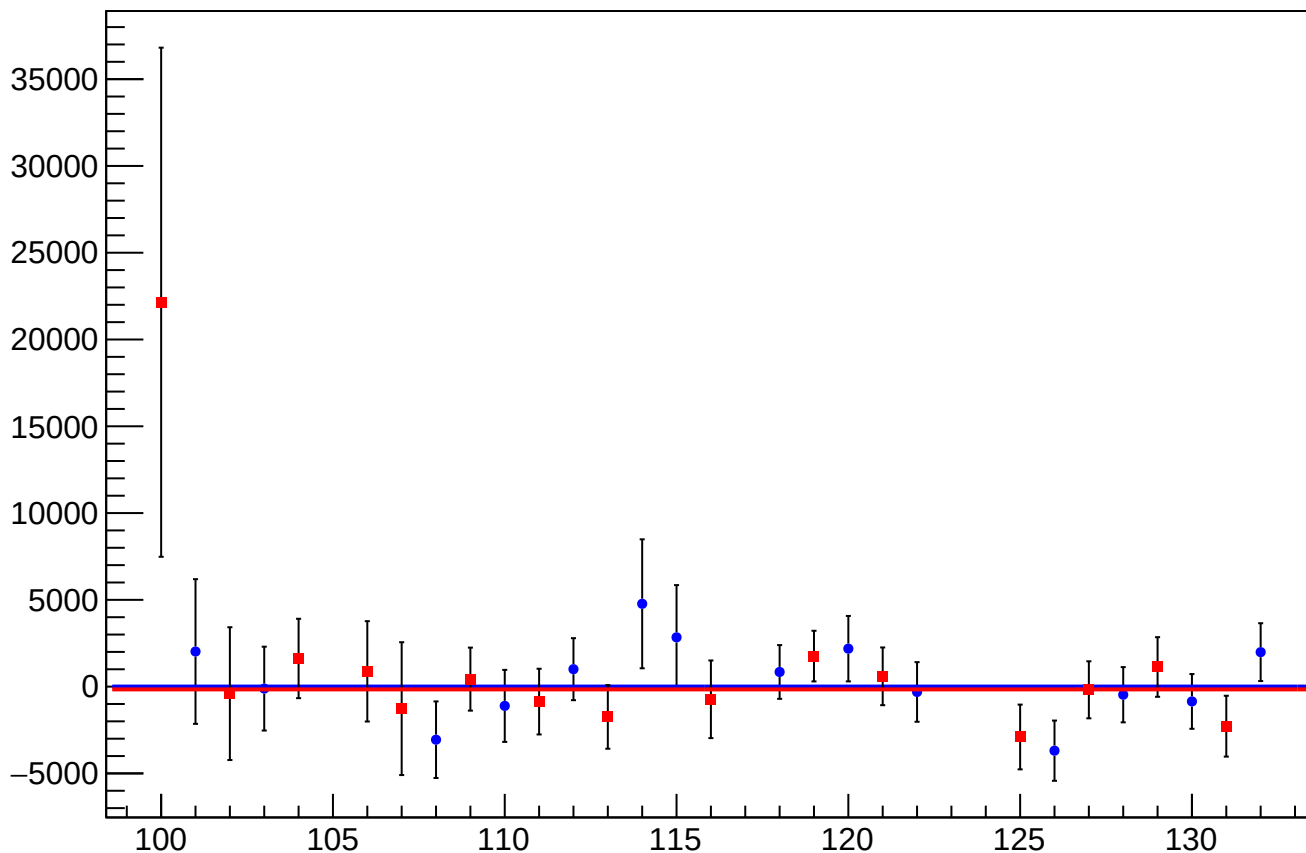
Right: 386.907+/-0.086 χ^2/NDF : 3779381.0/28

In: 394.053+/-0.123 χ^2/NDF : 1720021.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 386.907+/-0.086 χ^2/NDF : 3779381.0/28

asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 2.936+/-520.617 χ^2/NDF : 13.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -159.859+/-520.844 χ^2/NDF : 10.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

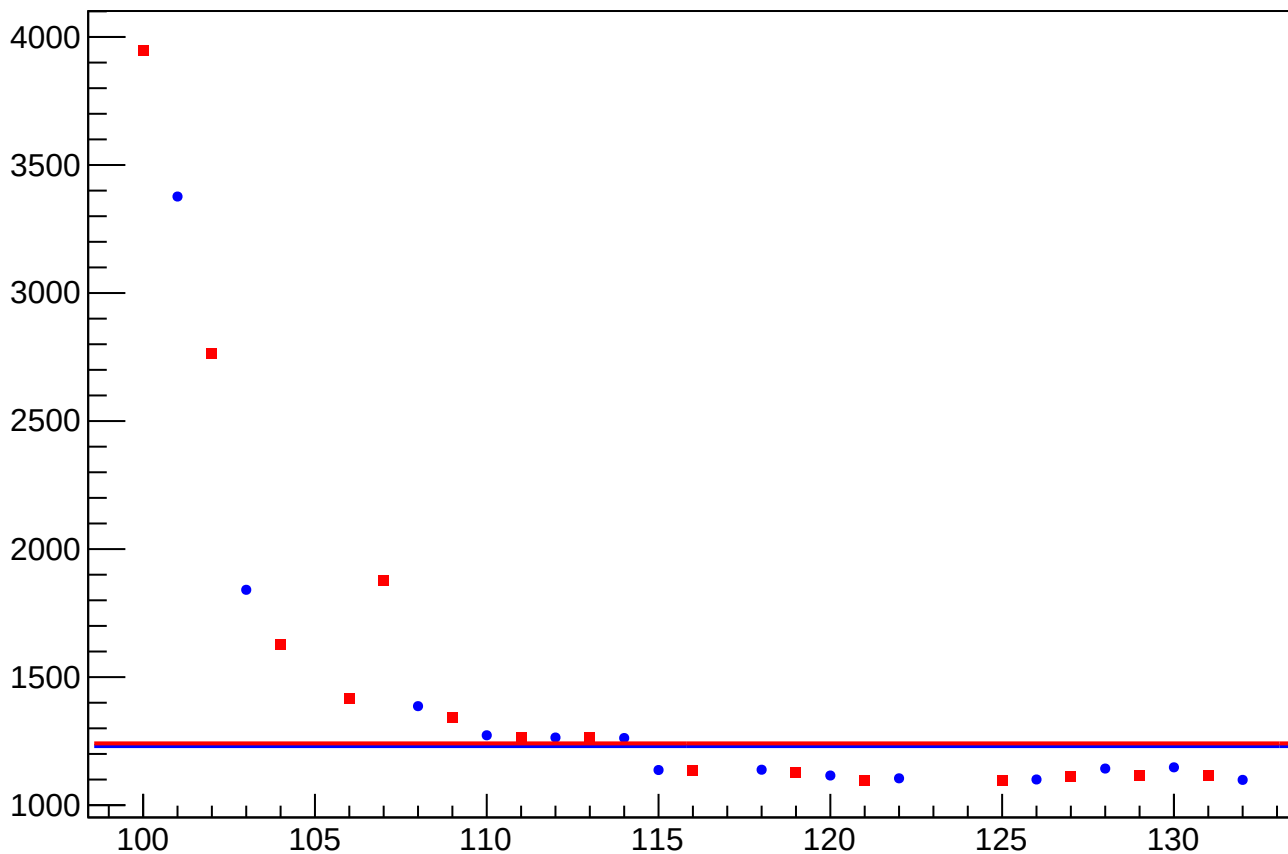
Right: -78.426+/-368.212 χ^2/NDF : 23.7/28

In: 2.936+/-520.617 χ^2/NDF : 13.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -78.426+/-368.212 χ^2/NDF : 23.7/28

asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1230.686+/-0.368 χ^2/NDF : 732061.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1241.205+/-0.368 χ^2/NDF : 588820.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

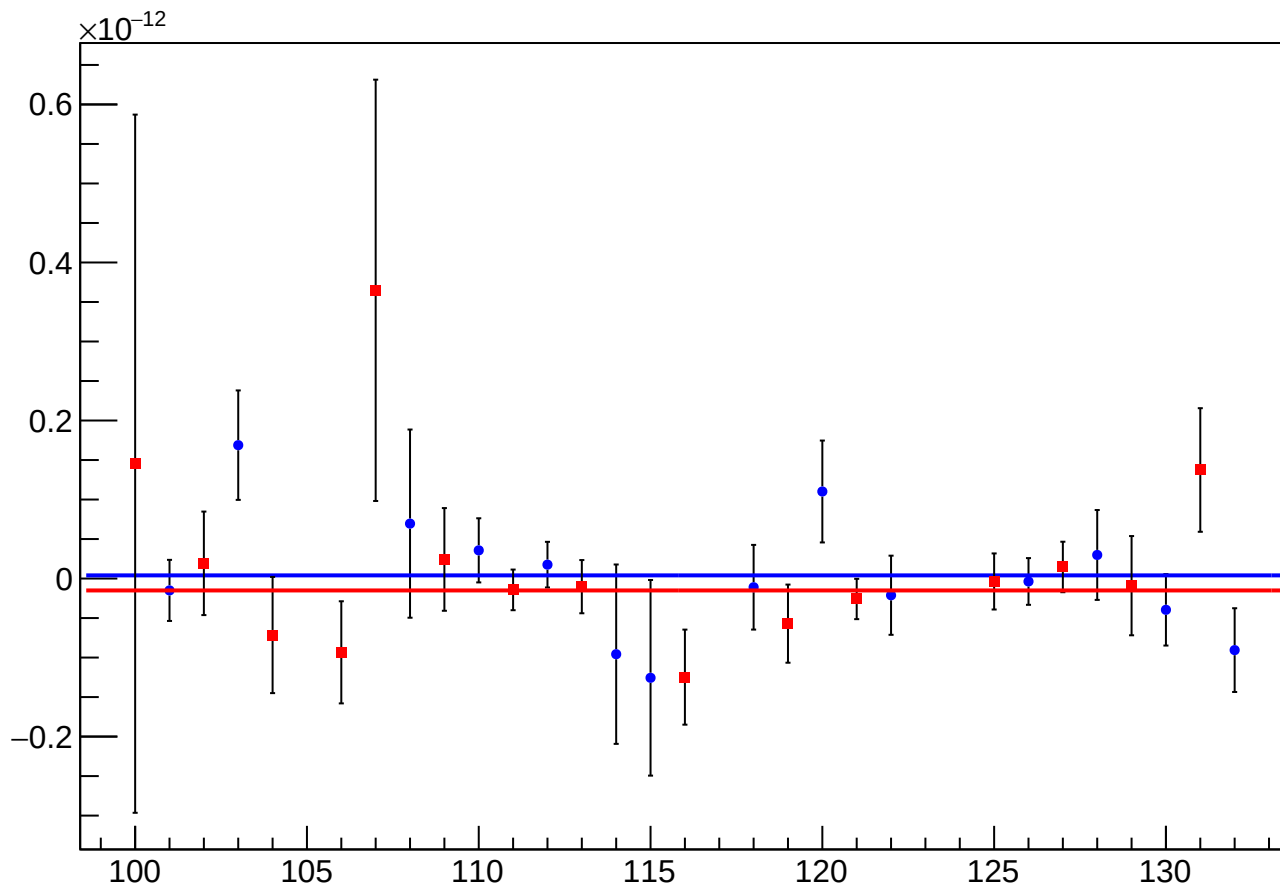
Right: 1235.943+/-0.260 χ^2/NDF : 1321289.9/28

In: 1230.686+/-0.368 χ^2/NDF : 732061.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1235.943+/-0.260 χ^2/NDF : 1321289.9/28

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

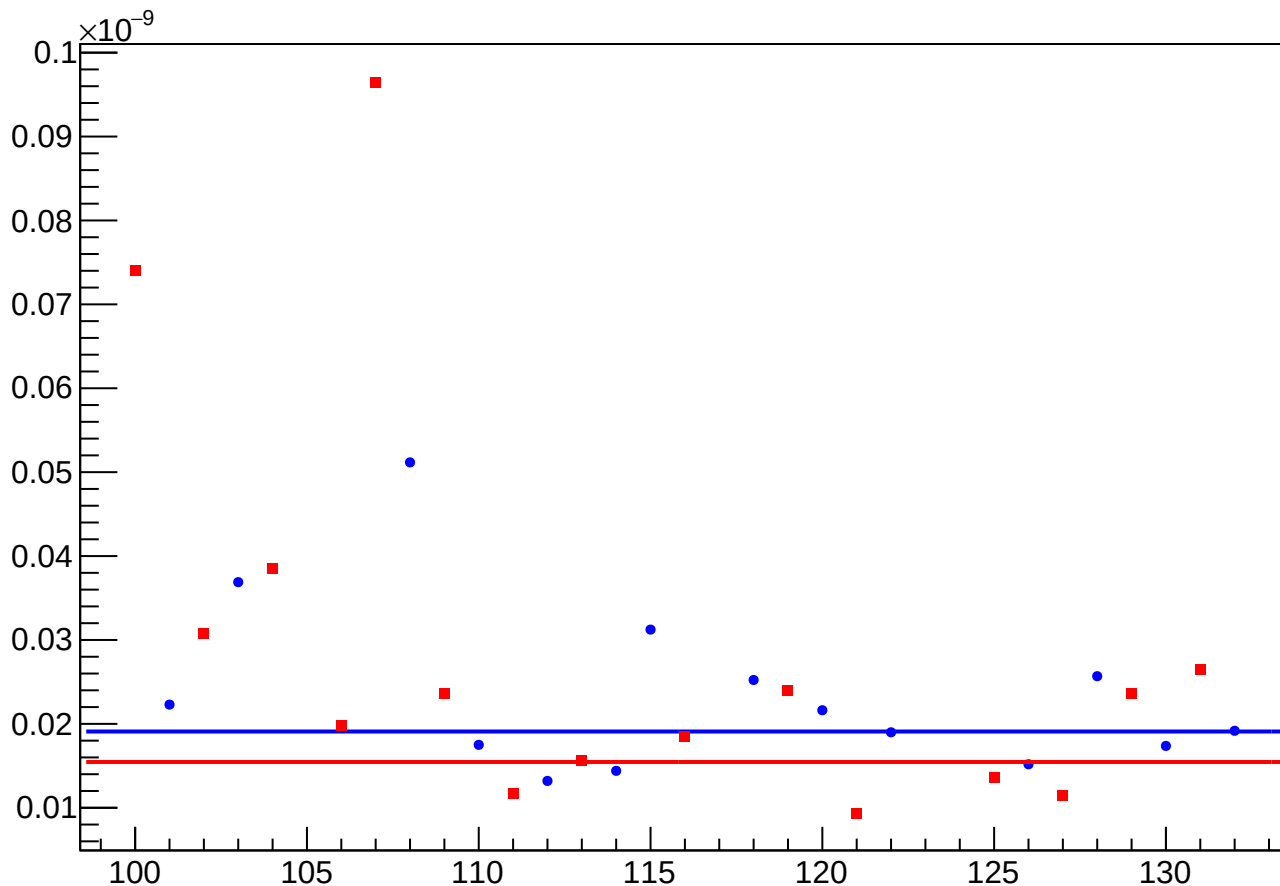
Right: -0.000+/-0.000 χ^2/NDF : 31.5/28

In: 0.000+/-0.000 χ^2/NDF : 16.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.5/28

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 493822.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 902627.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

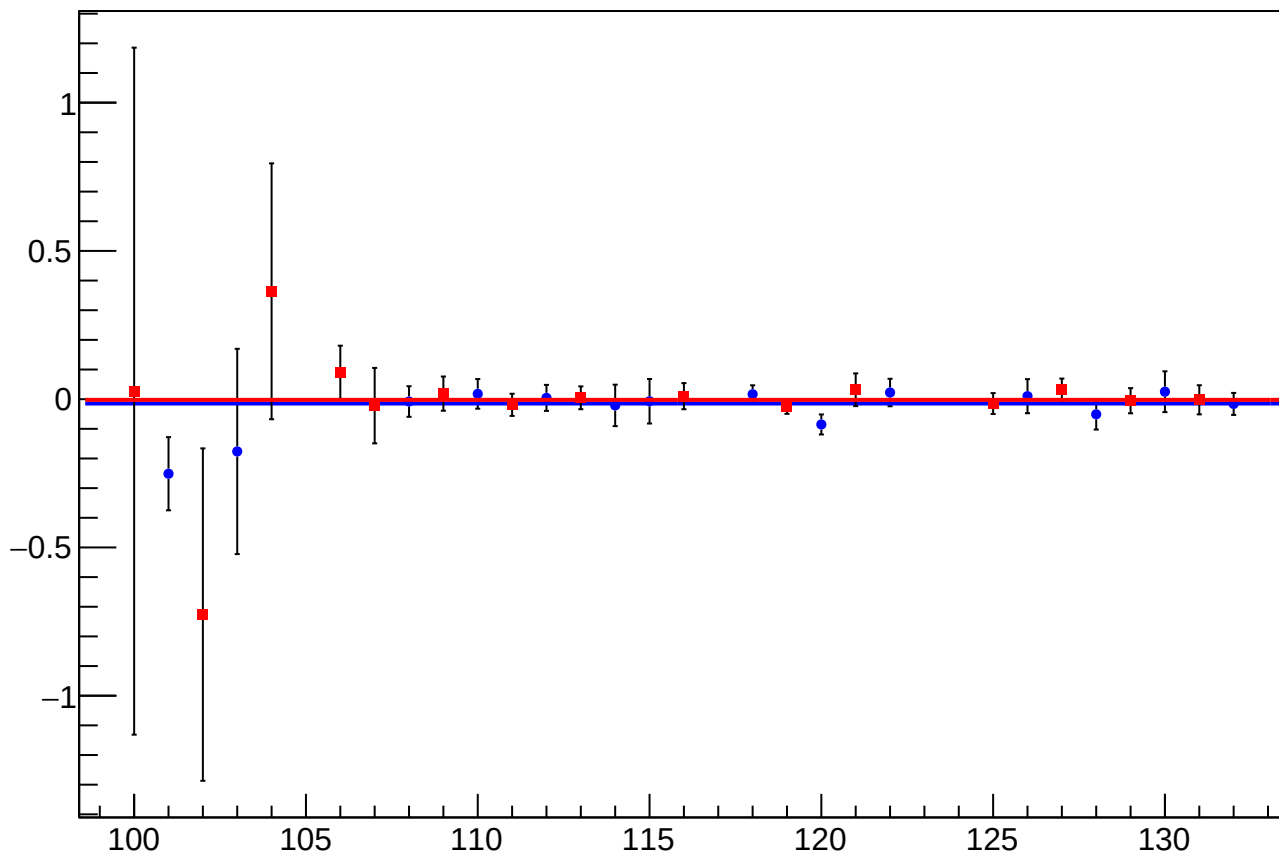
Right: 0.000+/-0.000 χ^2/NDF : 1486991.8/28

In: 0.000+/-0.000 χ^2/NDF : 493822.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1486991.8/28

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015 ± 0.013 χ^2/NDF : 11.7/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.002 ± 0.012 χ^2/NDF : 6.3/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

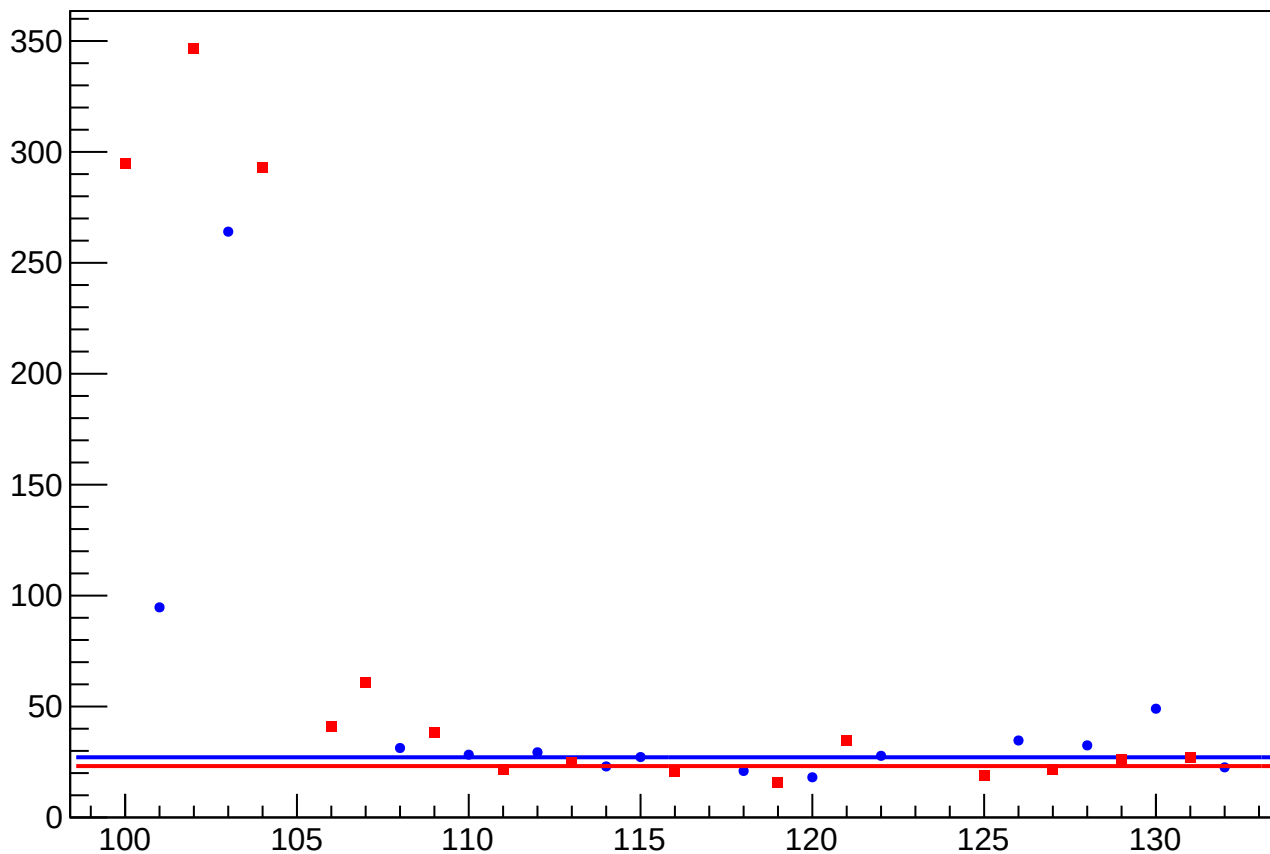
Right: -0.008 ± 0.009 χ^2/NDF : 18.4/28

In: -0.015 ± 0.013 χ^2/NDF : 11.7/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.008 ± 0.009 χ^2/NDF : 18.4/28

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.126+/-0.009 χ^2/NDF : 2078893.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.153+/-0.008 χ^2/NDF : 2307595.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

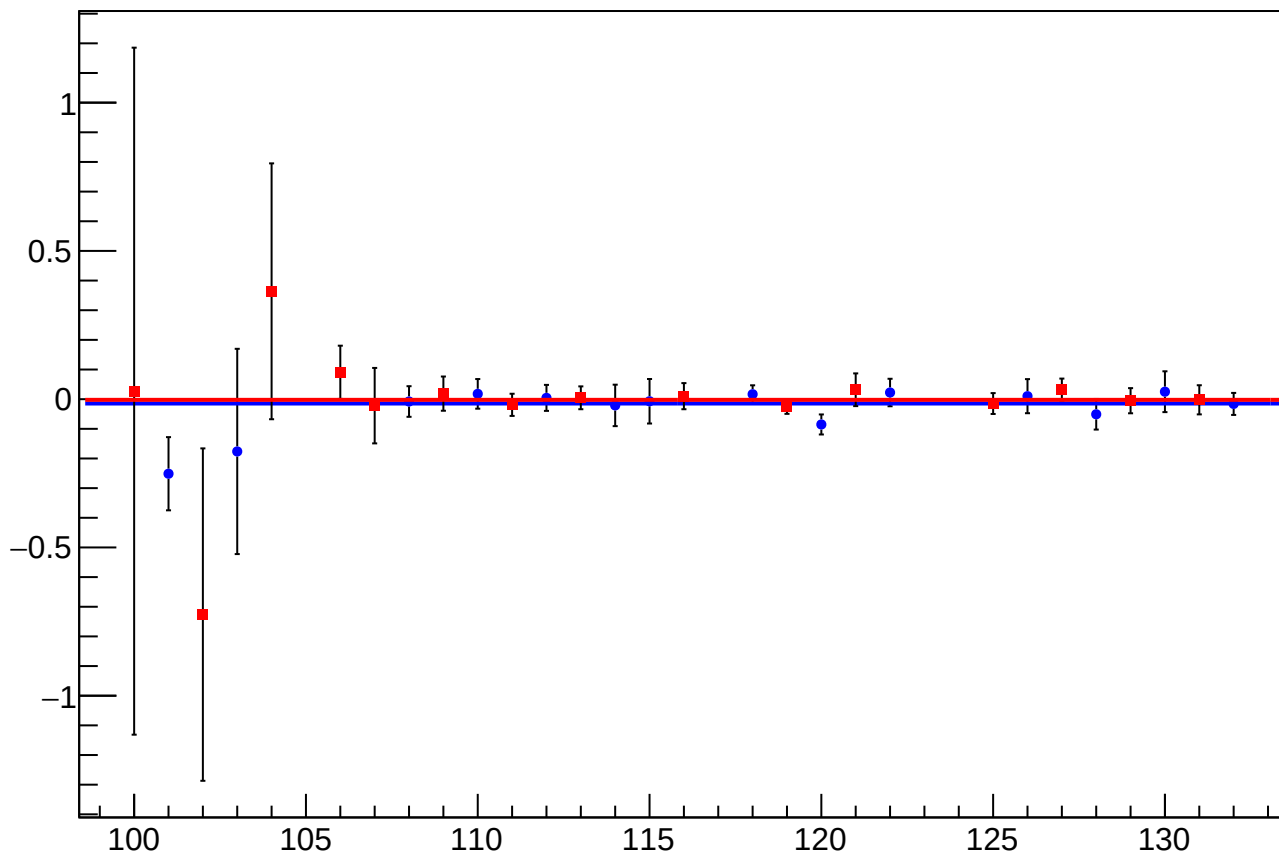
Right: 24.959+/-0.006 χ^2/NDF : 4486609.5/28

In: 27.126+/-0.009 χ^2/NDF : 2078893.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.959+/-0.006 χ^2/NDF : 4486609.5/28

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015 ± 0.013 χ^2/NDF : 11.7/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.002 ± 0.012 χ^2/NDF : 6.3/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

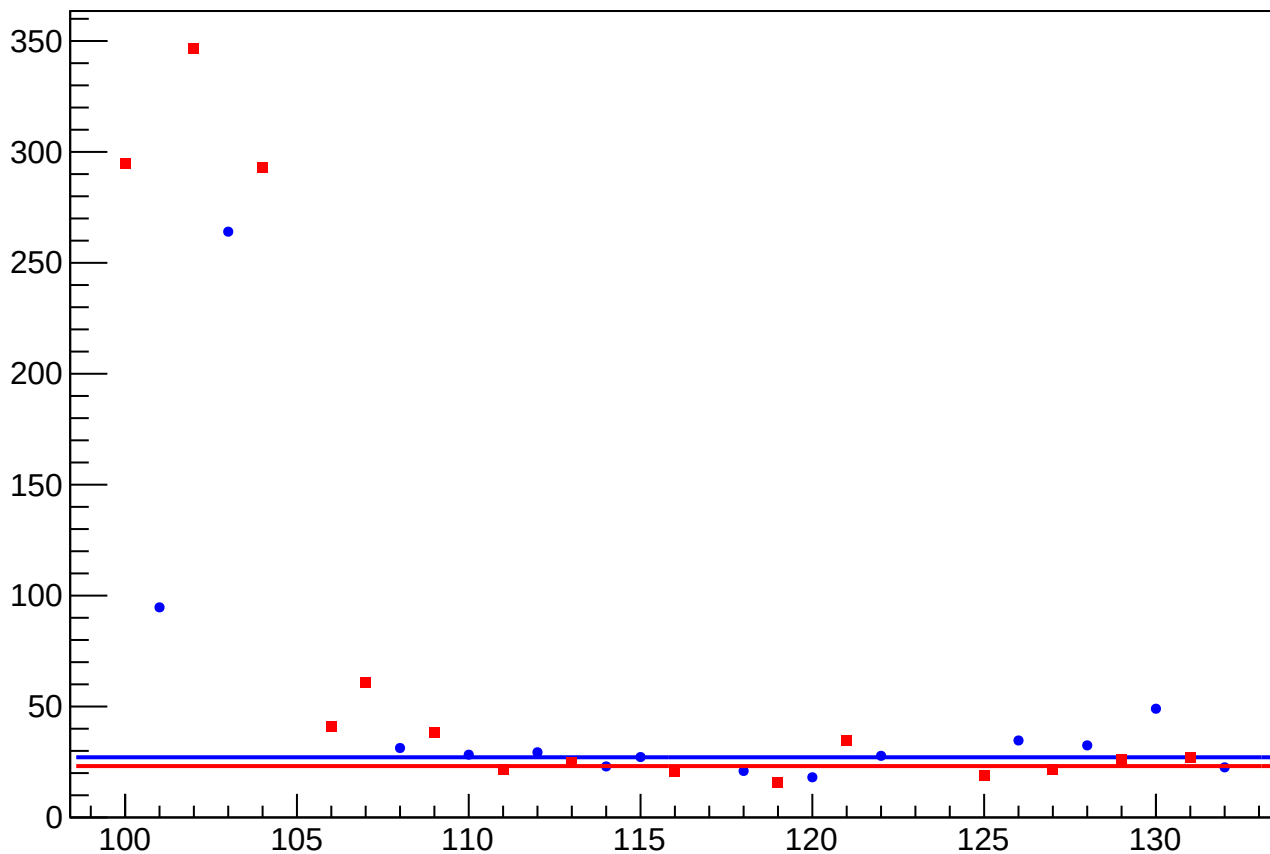
Right: -0.008 ± 0.009 χ^2/NDF : 18.4/28

In: -0.015 ± 0.013 χ^2/NDF : 11.7/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.008 ± 0.009 χ^2/NDF : 18.4/28

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.126+/-0.009 χ^2/NDF : 2078893.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.153+/-0.008 χ^2/NDF : 2307595.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

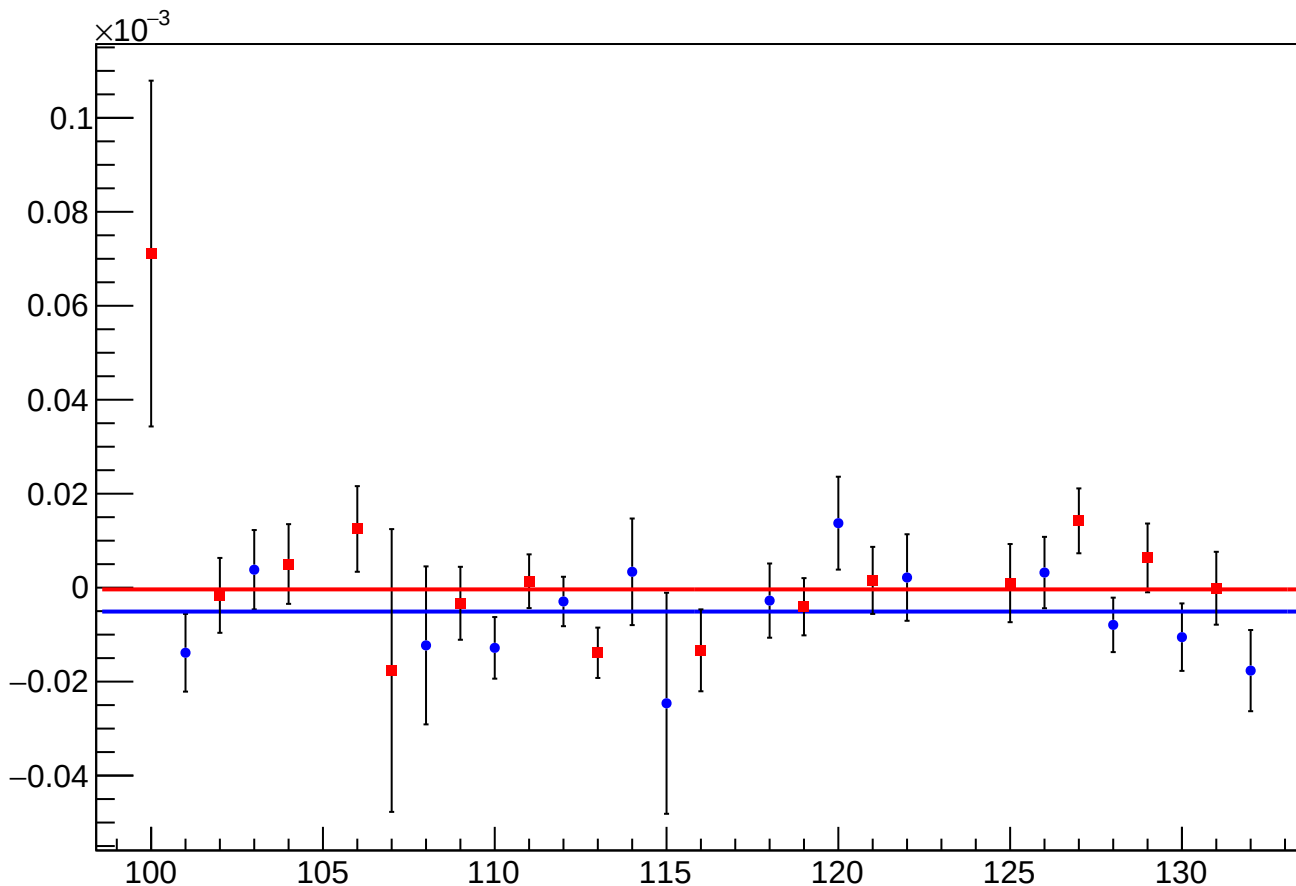
Right: 24.959+/-0.006 χ^2/NDF : 4486609.5/28

In: 27.126+/-0.009 χ^2/NDF : 2078893.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.959+/-0.006 χ^2/NDF : 4486609.5/28

asym_us_dd_atlr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 21.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

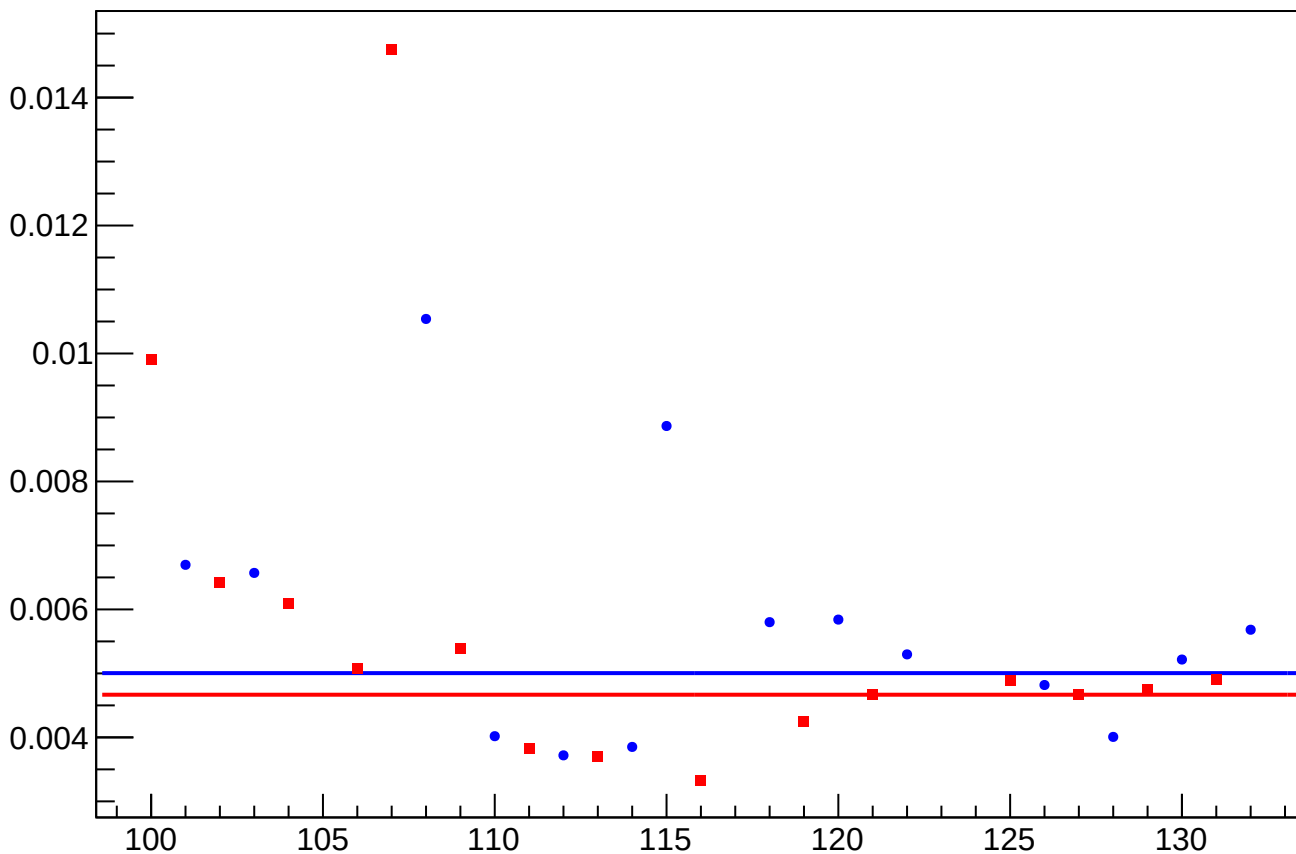
Right: -0.000+/-0.000 χ^2/NDF : 37.4/28

In: -0.000+/-0.000 χ^2/NDF : 13.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 37.4/28

asym_us_dd_atlr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 719489.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 609723.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

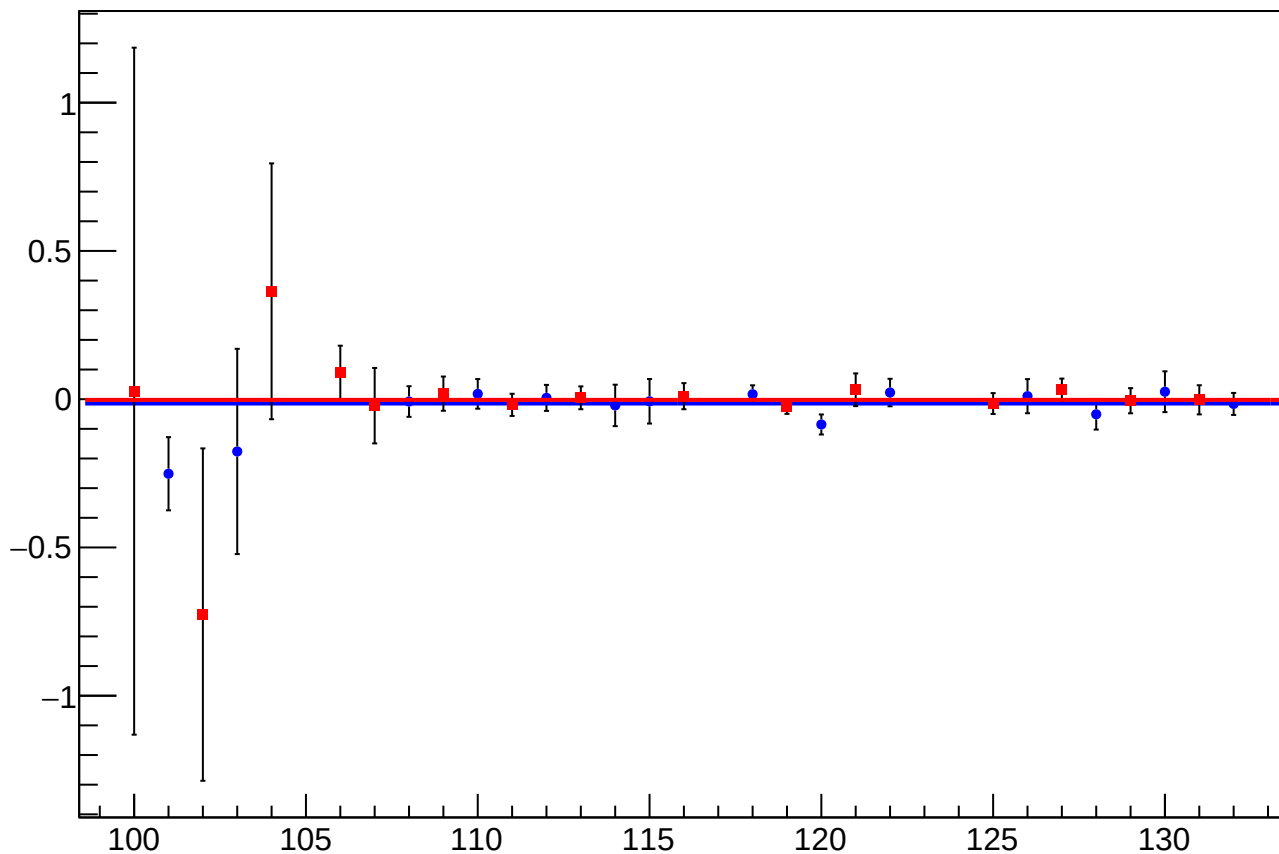
Right: 0.005+/-0.000 χ^2/NDF : 1356104.0/28

In: 0.005+/-0.000 χ^2/NDF :719489.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1356104.0/28

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015 ± 0.013 χ^2/NDF : 11.7/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.002 ± 0.012 χ^2/NDF : 6.3/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

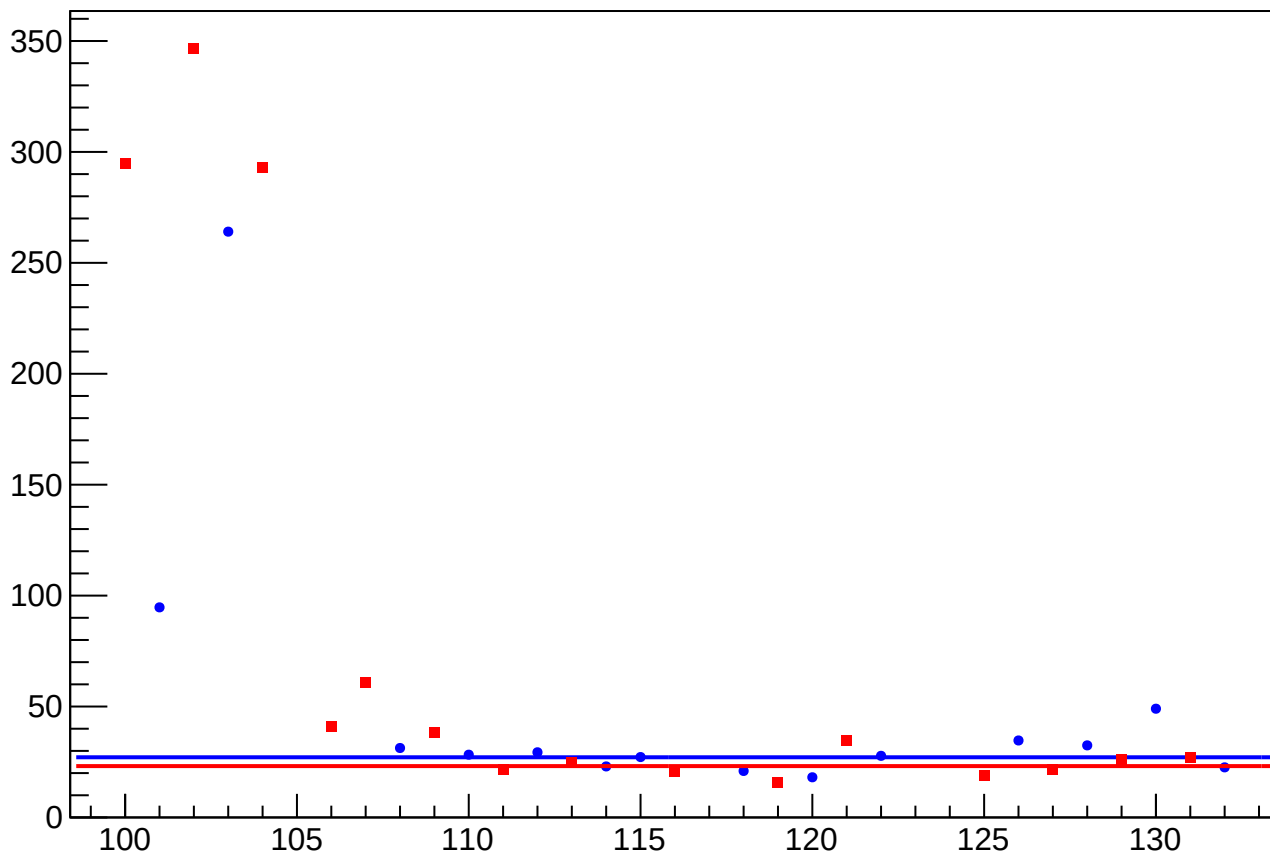
Right: -0.008 ± 0.009 χ^2/NDF : 18.4/28

In: -0.015 ± 0.013 χ^2/NDF : 11.7/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.008 ± 0.009 χ^2/NDF : 18.4/28

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.126+/-0.009 χ^2/NDF : 2078897.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 23.151+/-0.008 χ^2/NDF : 2307802.2/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

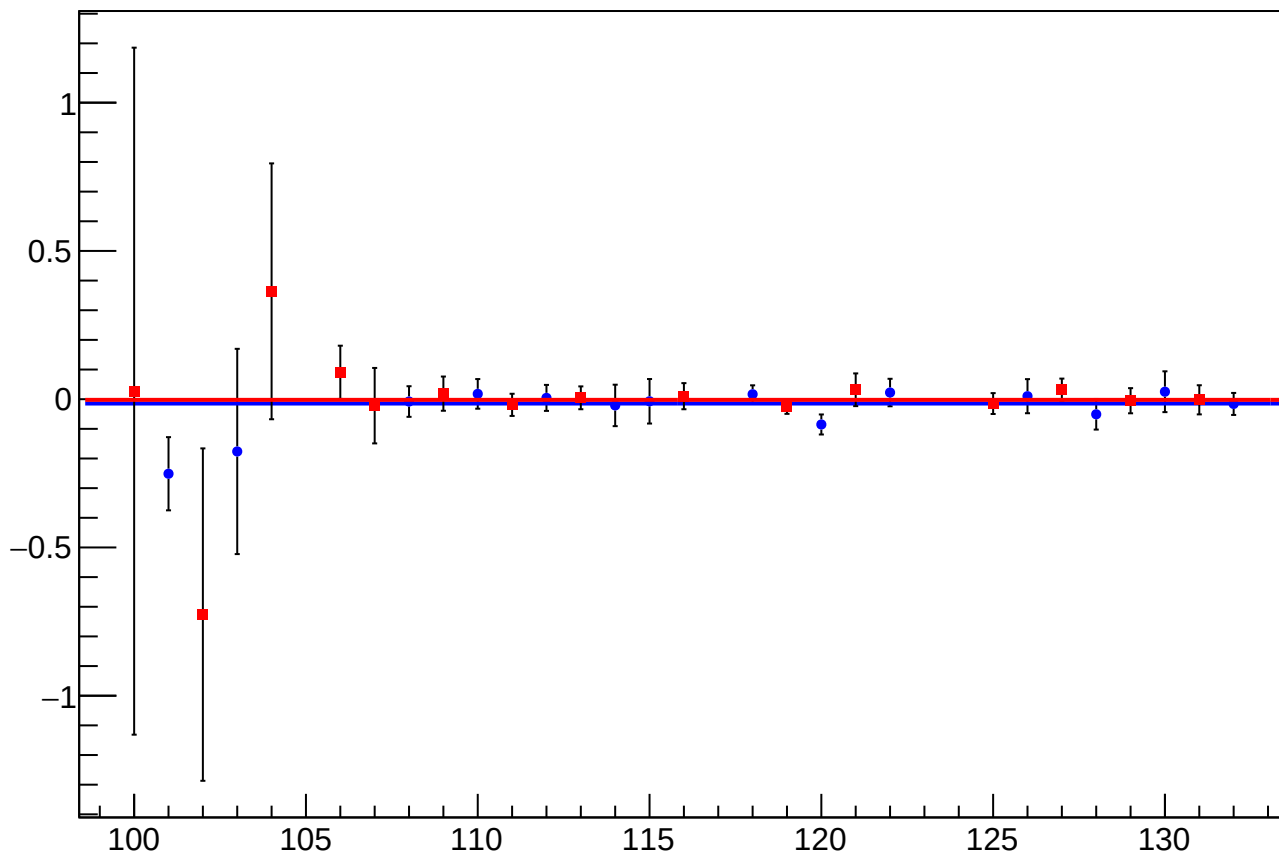
Right: 24.958+/-0.006 χ^2/NDF : 4486902.3/28

In: 27.126+/-0.009 χ^2/NDF :2078897.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 24.958+/-0.006 χ^2/NDF : 4486902.3/28

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.013 χ^2/NDF : 11.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.002+/-0.012 χ^2/NDF : 6.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

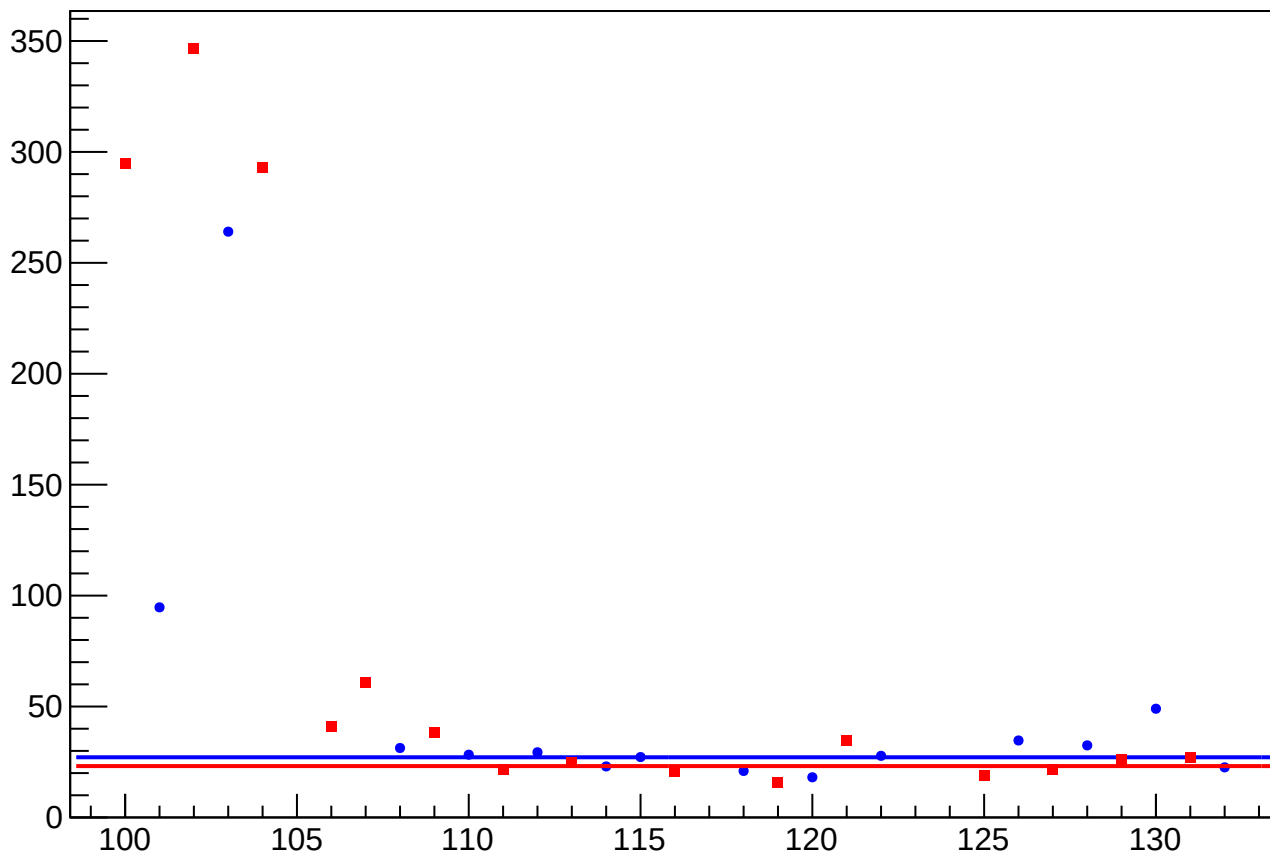
Right: -0.008+/-0.009 χ^2/NDF : 18.4/28

In: -0.015+/-0.013 χ^2/NDF : 11.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.009 χ^2/NDF : 18.4/28

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.126+/-0.009 χ^2/NDF : 2078897.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.151+/-0.008 χ^2/NDF : 2307802.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

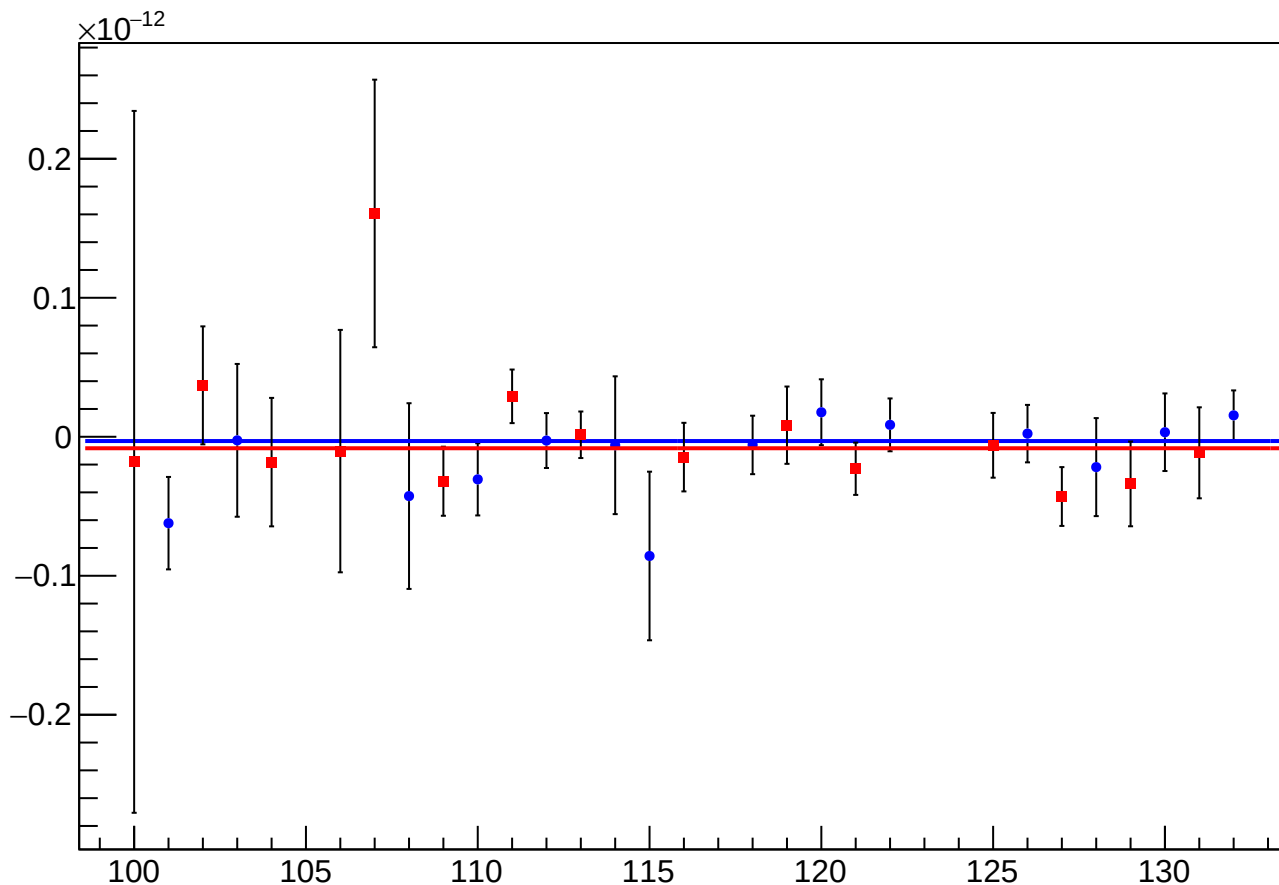
Right: 24.958+/-0.006 χ^2/NDF : 4486902.3/28

In: 27.126+/-0.009 χ^2/NDF : 2078897.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.958+/-0.006 χ^2/NDF : 4486902.3/28

asym_us_dd_atlr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

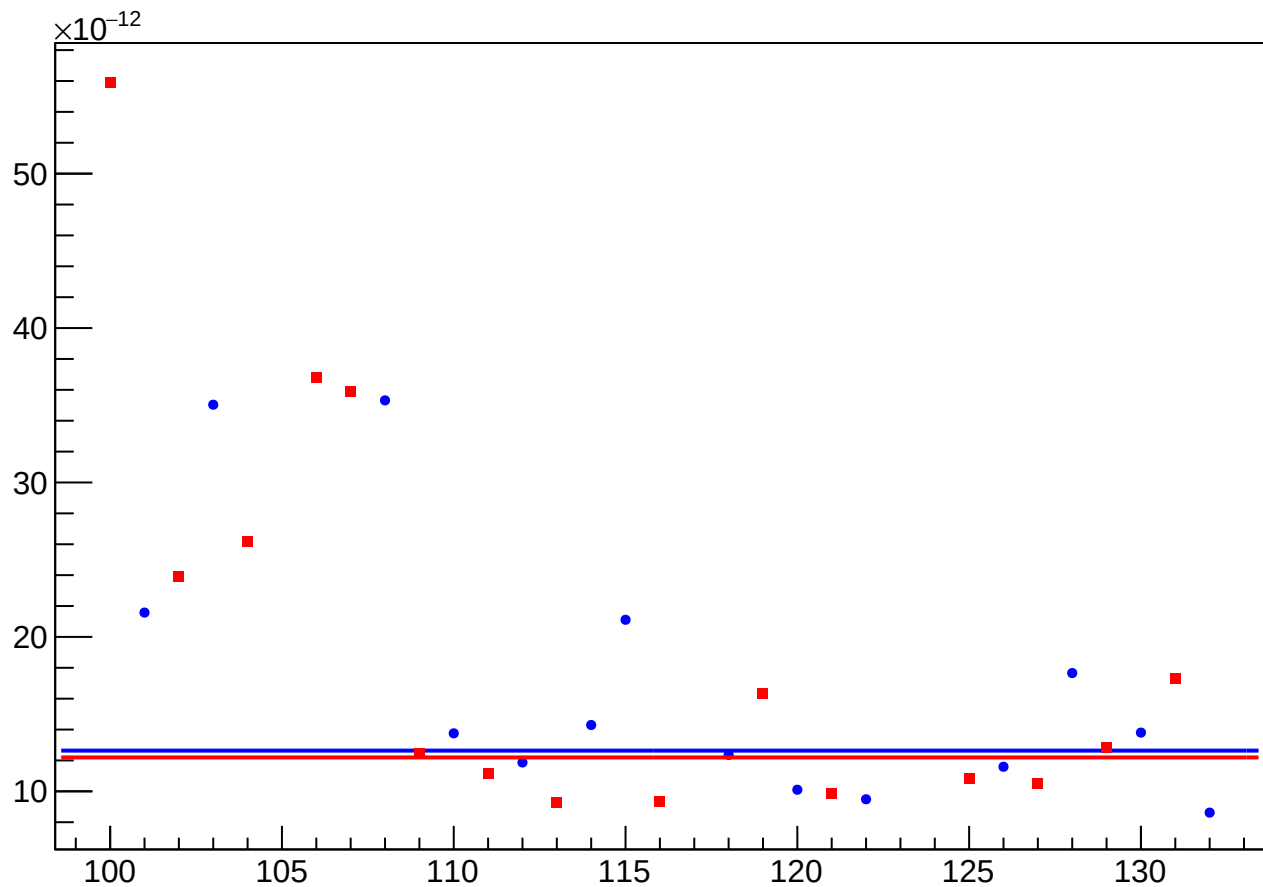
Right: -0.000+/-0.000 χ^2/NDF : 23.1/28

In: -0.000+/-0.000 χ^2/NDF :9.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.1/28

asym_us_dd_atlr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 982704.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 915496.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

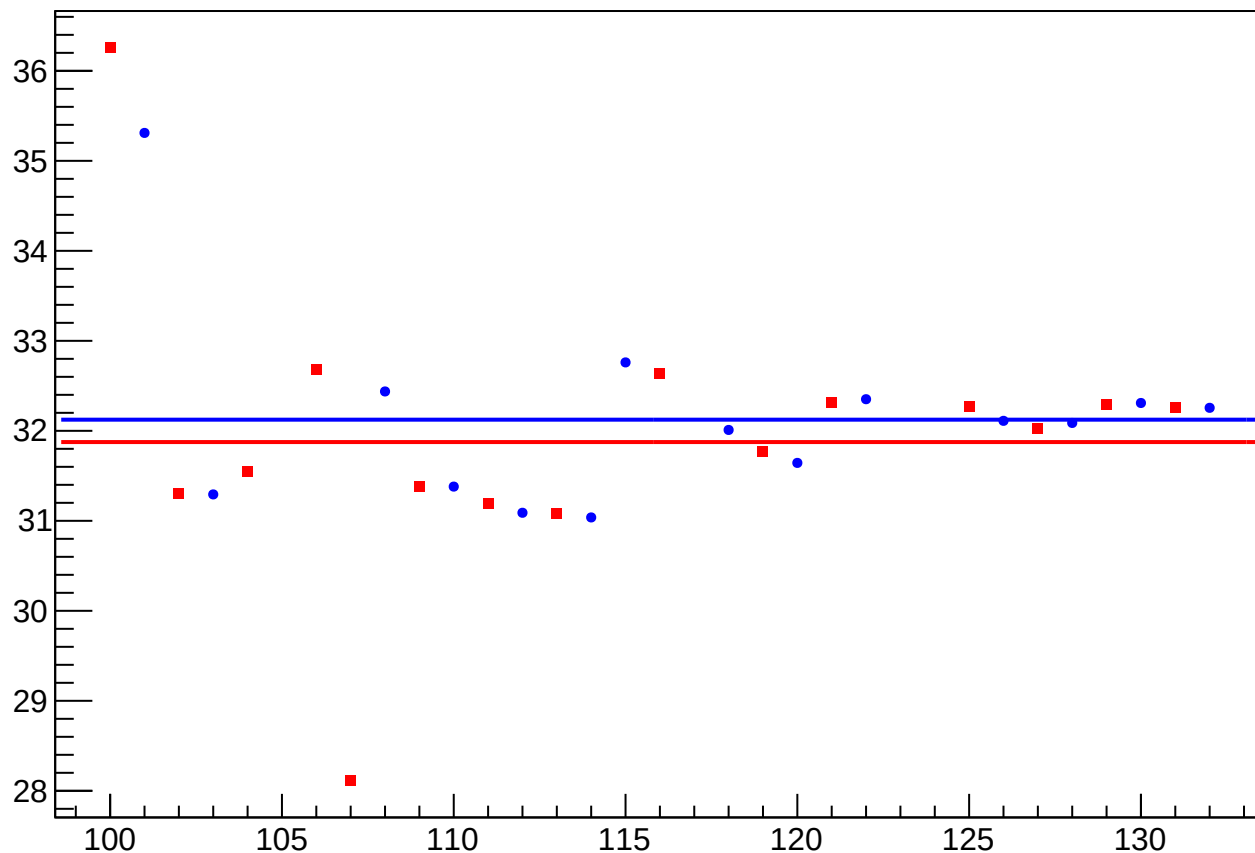
Right: 0.000+/-0.000 χ^2/NDF : 1902260.1/28

In: 0.000+/-0.000 χ^2/NDF : 982704.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1902260.1/28

yield_usl_mean vs Slug, Sign Corrected



Right In: 32.124+/-0.000 χ^2/NDF : 837809312.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.875+/-0.000 χ^2/NDF : 447110874.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

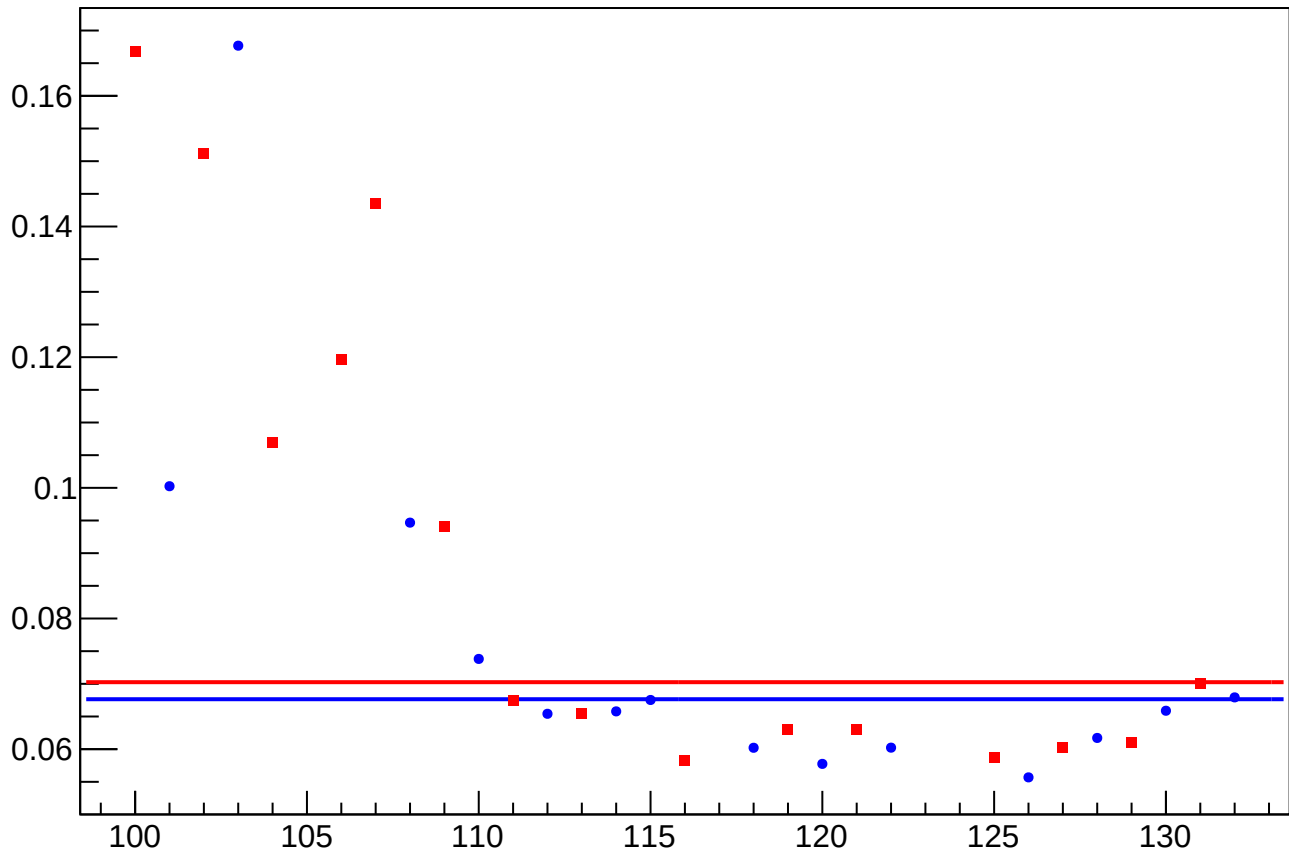
Right: 32.004+/-0.000 χ^2/NDF : 1318404589.8/28

In: 32.124+/-0.000 χ^2/NDF : 837809312.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.004+/-0.000 χ^2/NDF : 1318404589.8/28

yield_usl_rms vs Slug, Sign Corrected



Right In: 0.068+/-0.000 χ^2/NDF : 692609.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.070+/-0.000 χ^2/NDF : 863169.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

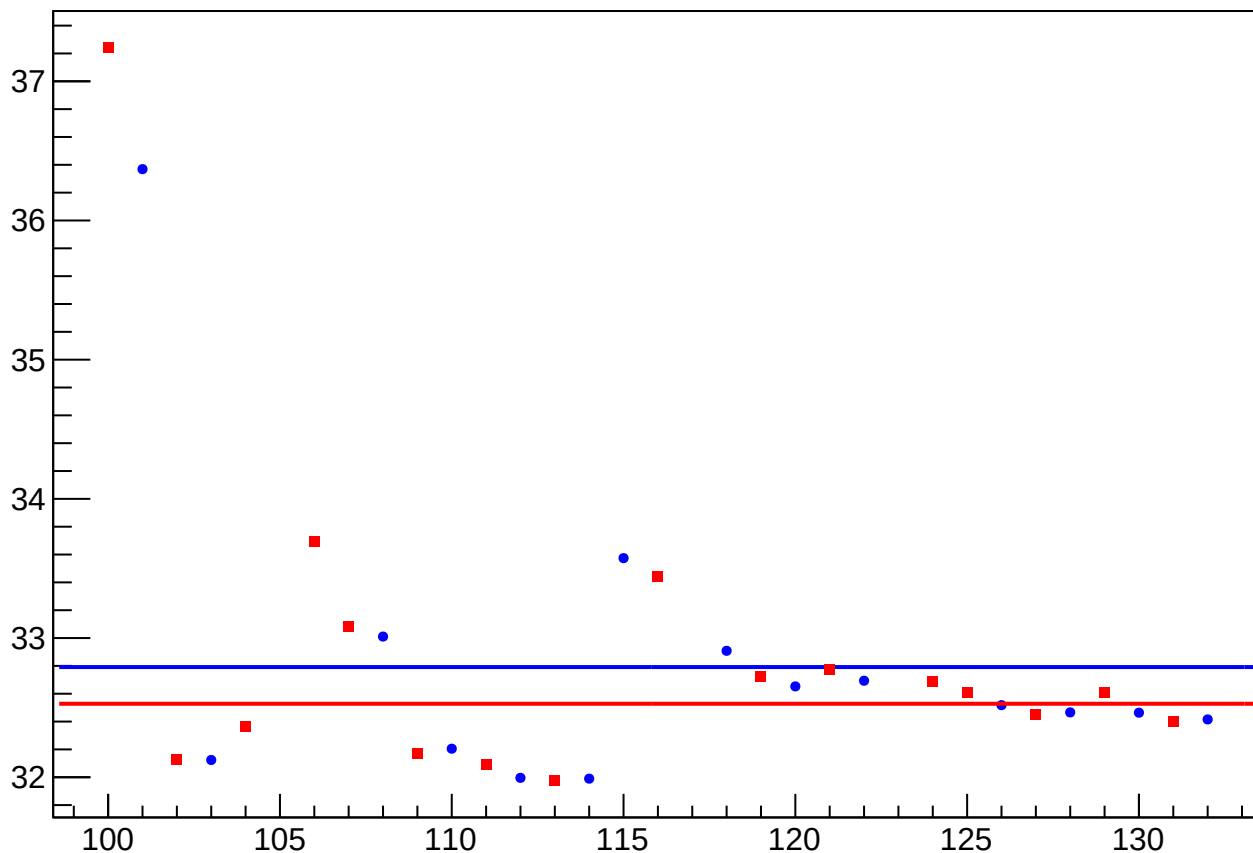
Right: 0.069+/-0.000 χ^2/NDF : 1563138.7/28

In: 0.068+/-0.000 χ^2/NDF :692609.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.069+/-0.000 χ^2/NDF : 1563138.7/28

yield_usr_mean vs Slug, Sign Corrected



Right In: 32.792+/-0.000 χ^2/NDF : 668158234.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.528+/-0.000 χ^2/NDF : 140686342.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

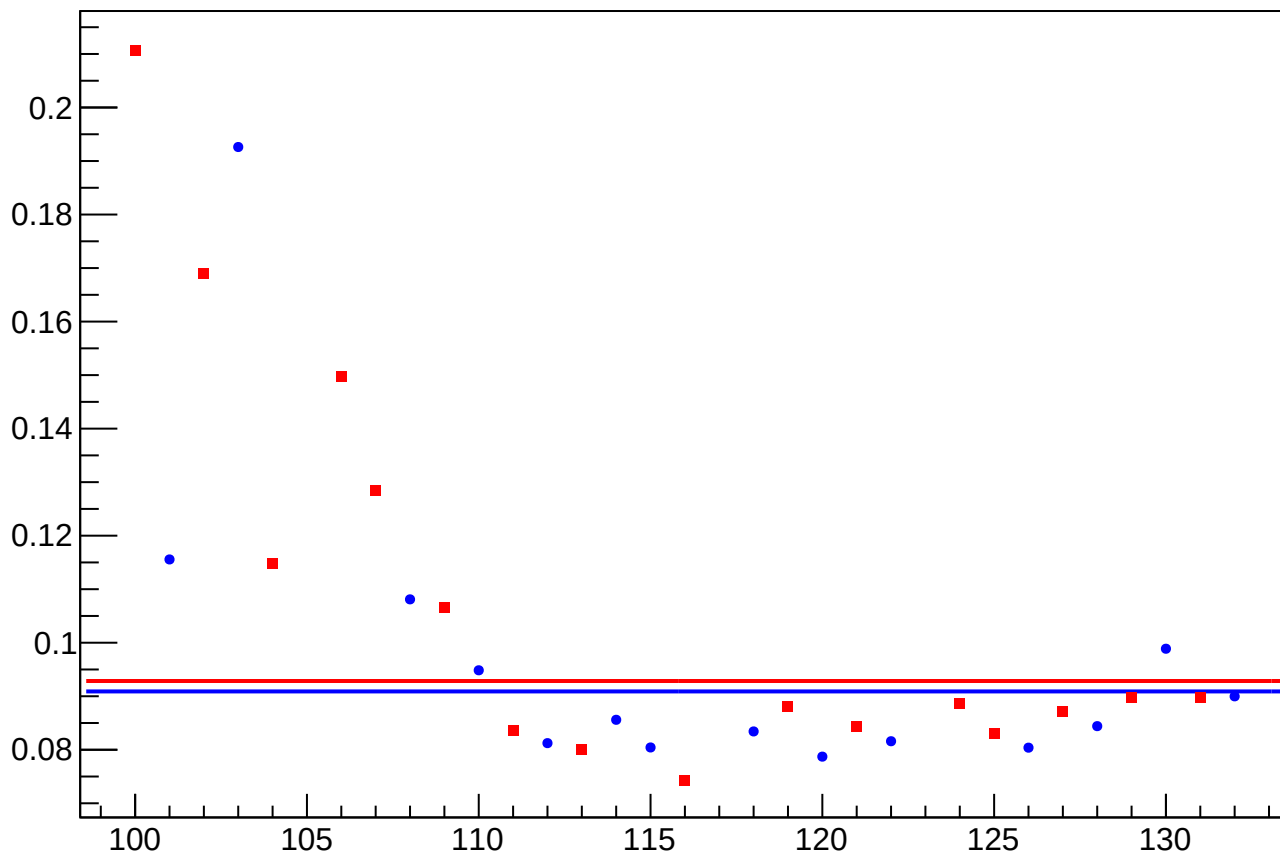
Right: 32.659+/-0.000 χ^2/NDF : 830676025.2/29

In: 32.792+/-0.000 χ^2/NDF : 668158234.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.659+/-0.000 χ^2/NDF : 830676025.2/29

yield_usr_rms vs Slug, Sign Corrected



Right In: 0.091+/-0.000 χ^2/NDF : 473258.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.093+/-0.000 χ^2/NDF : 523693.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

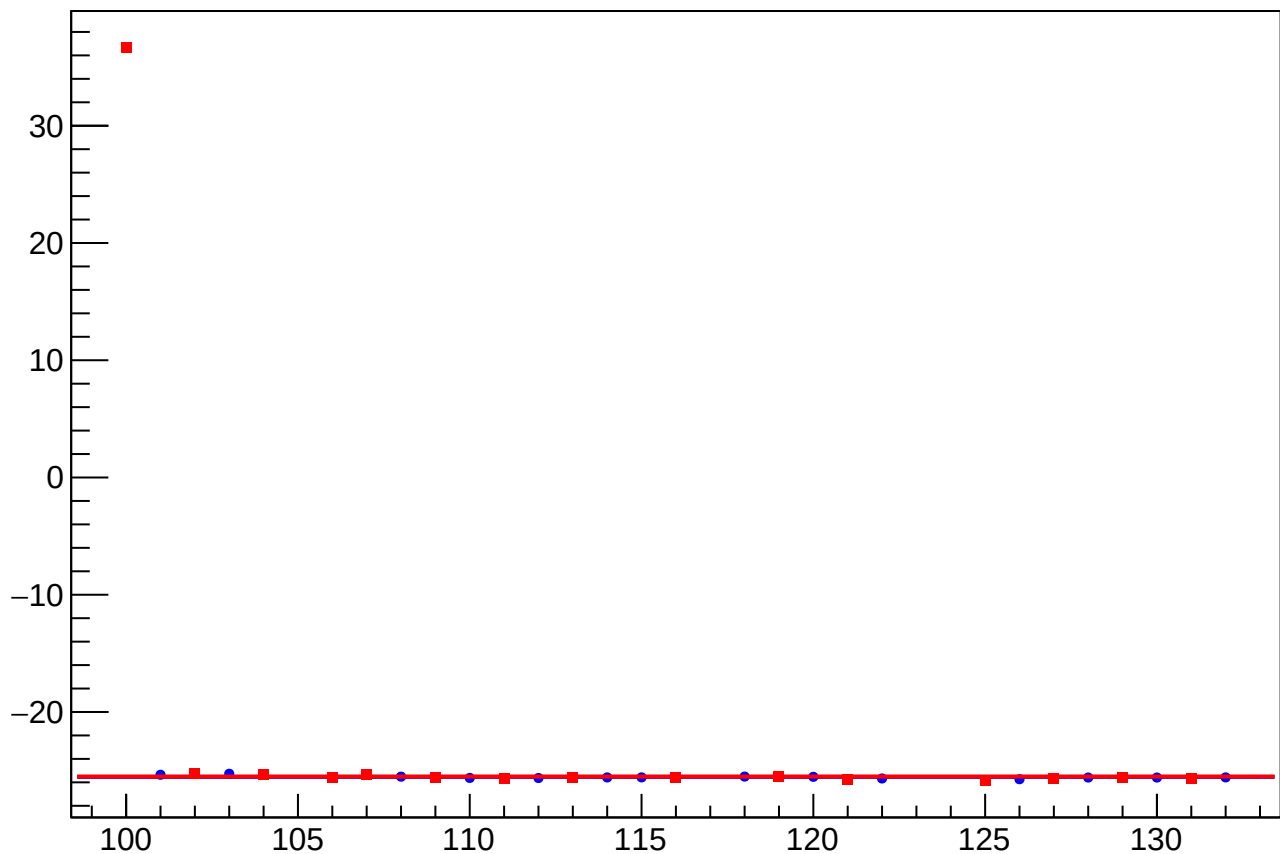
Right: 0.092+/-0.000 χ^2/NDF : 999333.5/29

In: 0.091+/-0.000 χ^2/NDF :473258.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.092+/-0.000 χ^2/NDF : 999333.5/29

yield_dsl_mean vs Slug, Sign Corrected



Right In: -25.532+/-0.000 χ^2/NDF : 56193797.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.509+/-0.000 χ^2/NDF : 8878772601.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

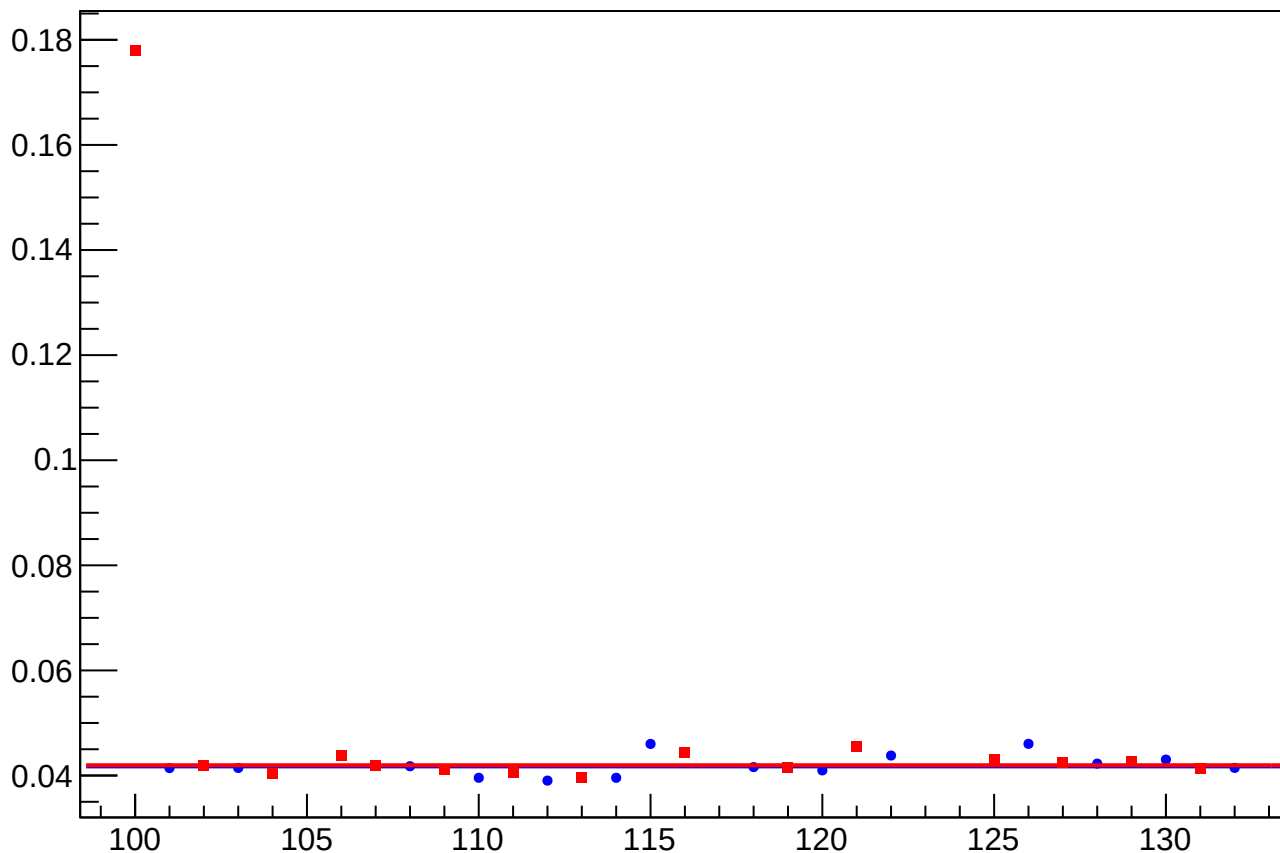
Right: -25.520+/-0.000 χ^2/NDF : 8935906601.5/28

In: -25.532+/-0.000 χ^2/NDF : 56193797.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.520+/-0.000 χ^2/NDF : 8935906601.5/28

yield_dsl_rms vs Slug, Sign Corrected



Right In: 0.042+/-0.000 χ^2/NDF : 20408.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.042+/-0.000 χ^2/NDF : 99073.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

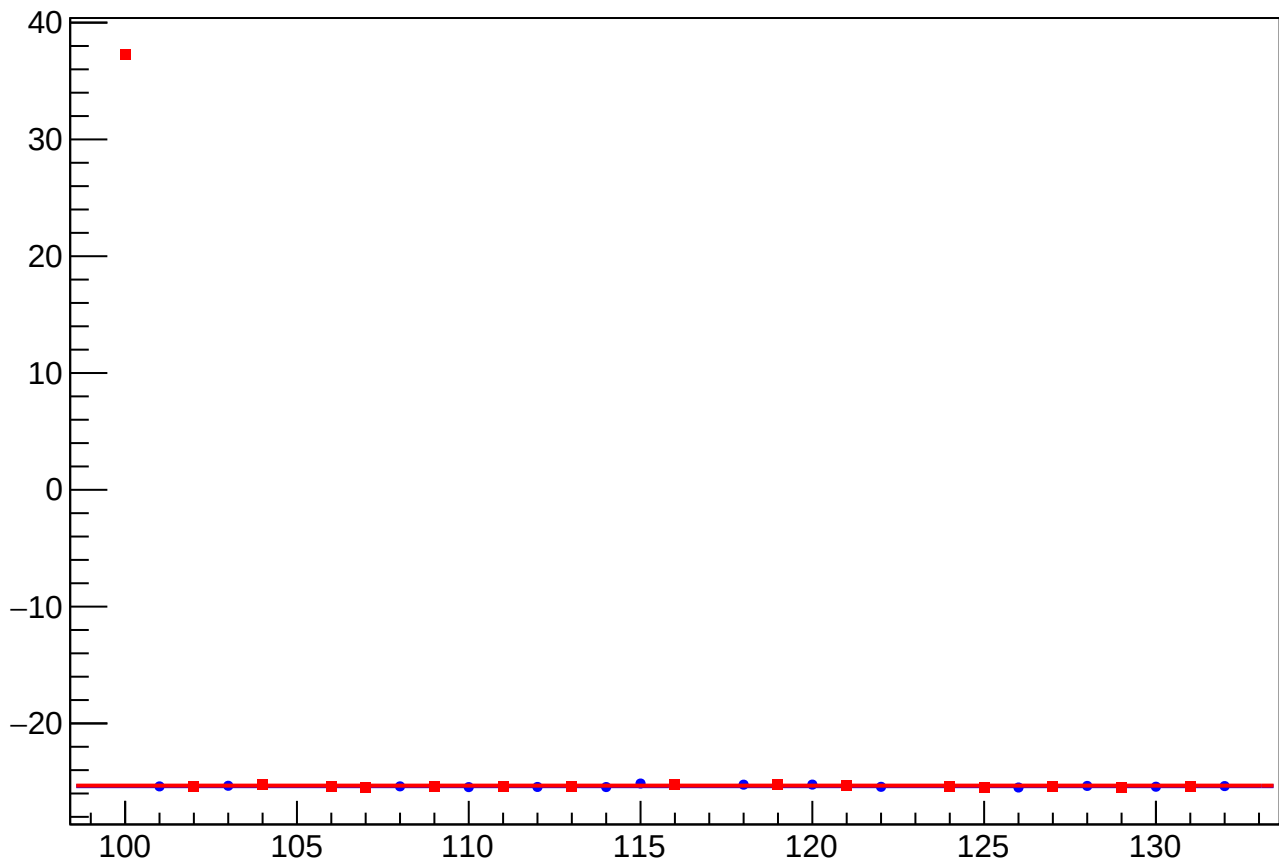
Right: 0.042+/-0.000 χ^2/NDF : 119653.1/28

In: 0.042+/-0.000 χ^2/NDF : 20408.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.042+/-0.000 χ^2/NDF : 119653.1/28

yield_dsr_mean vs Slug, Sign Corrected



Right In: -25.374+/-0.000 χ^2/NDF : 10472574.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.325+/-0.000 χ^2/NDF : 6314501117.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

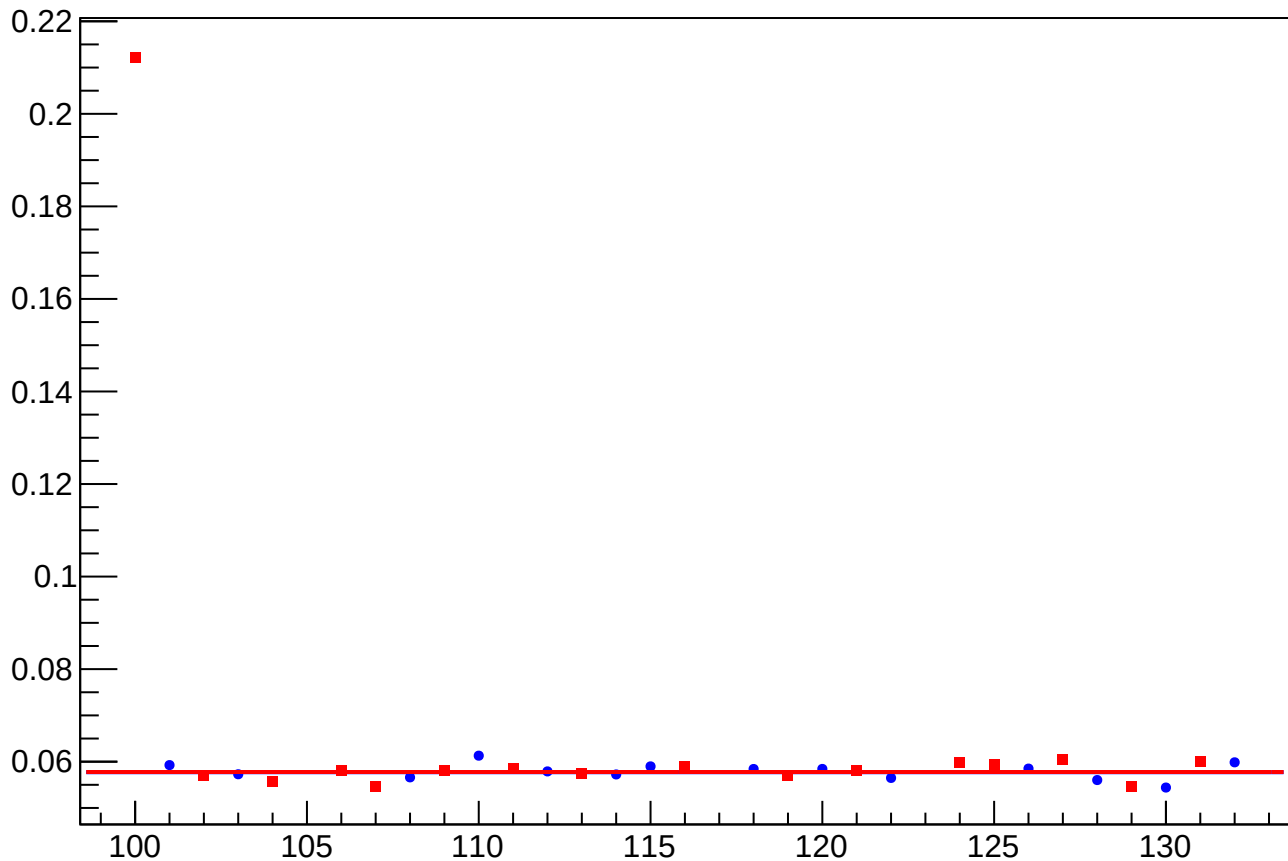
Right: -25.349+/-0.000 χ^2/NDF : 6327039043.8/29

In: -25.374+/-0.000 χ^2/NDF : 10472574.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.349+/-0.000 χ^2/NDF : 6327039043.8/29

yield_dsr_rms vs Slug, Sign Corrected



Right In: 0.058+/-0.000 χ^2/NDF : 10320.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.058+/-0.000 χ^2/NDF : 86760.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

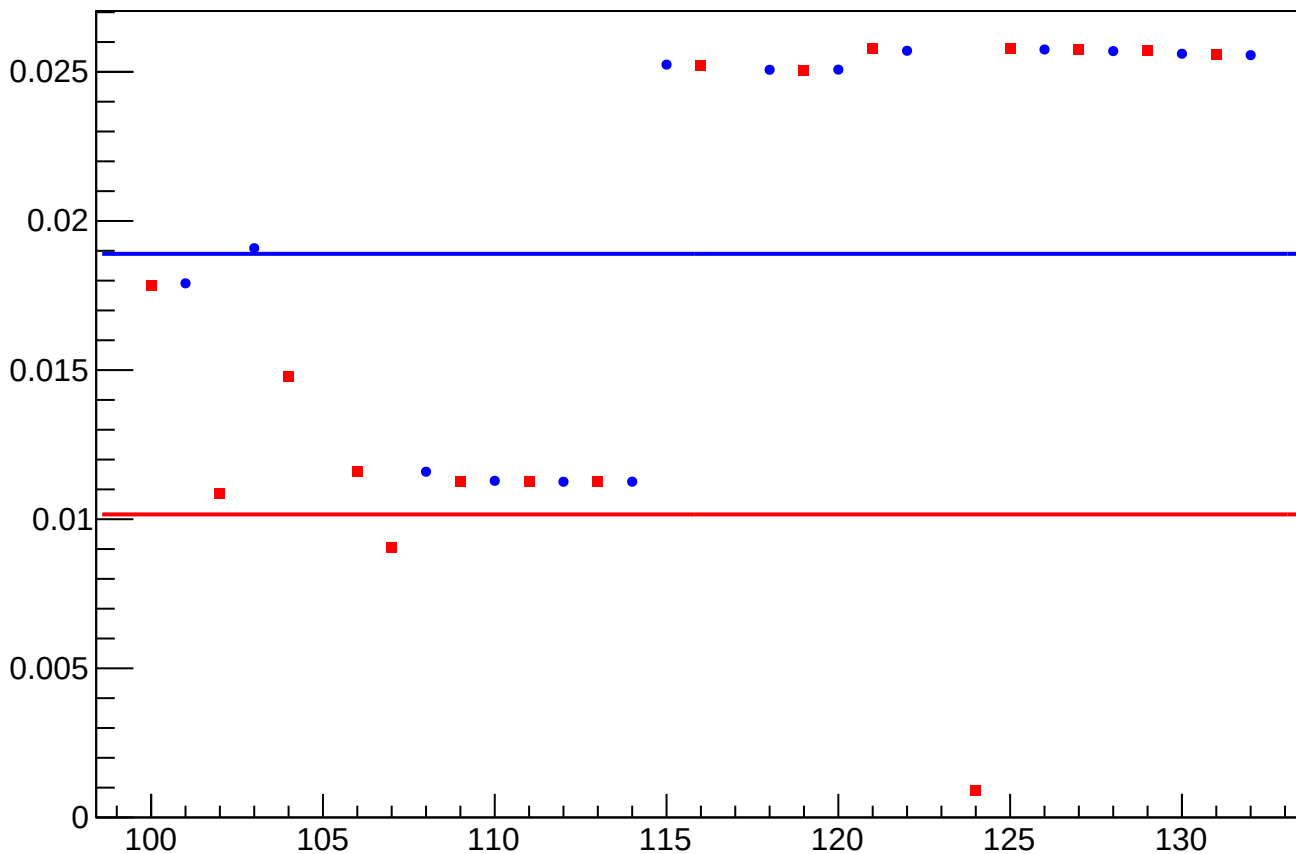
Right: 0.058+/-0.000 χ^2/NDF : 97084.1/29

In: 0.058+/-0.000 χ^2/NDF : 10320.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.058+/-0.000 χ^2/NDF : 97084.1/29

yield_atl1_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.000

χ^2/NDF : 54076422030.2/13

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.013+/-0.000

χ^2/NDF : 327073865757.9/29

Right Out: 0.010+/-0.000

χ^2/NDF : 209563475014.8/15

In: 0.019+/-0.000

χ^2/NDF : 54076422030.2/13

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

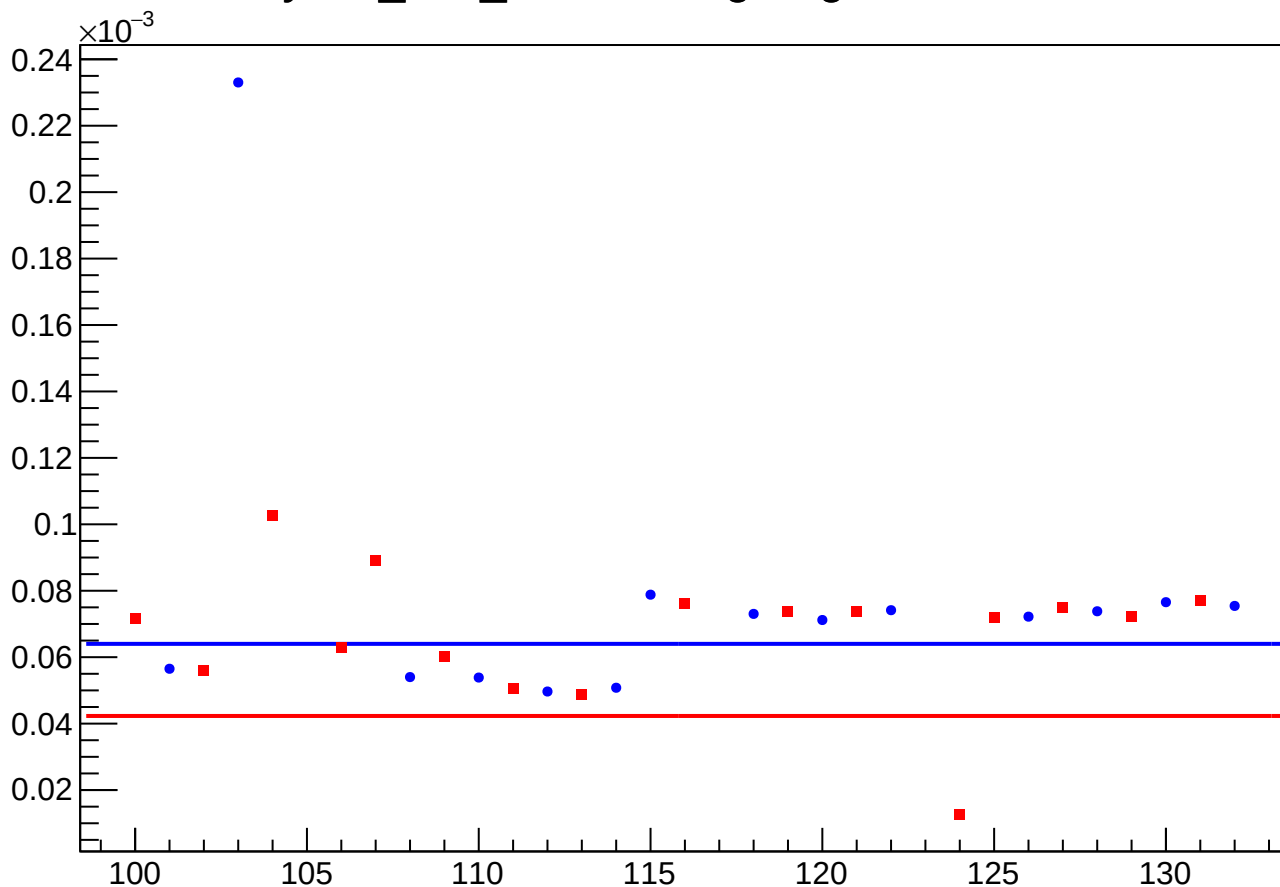
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.013+/-0.000

χ^2/NDF : 327073865757.9

yield_atl1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 804603.6/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3398857.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

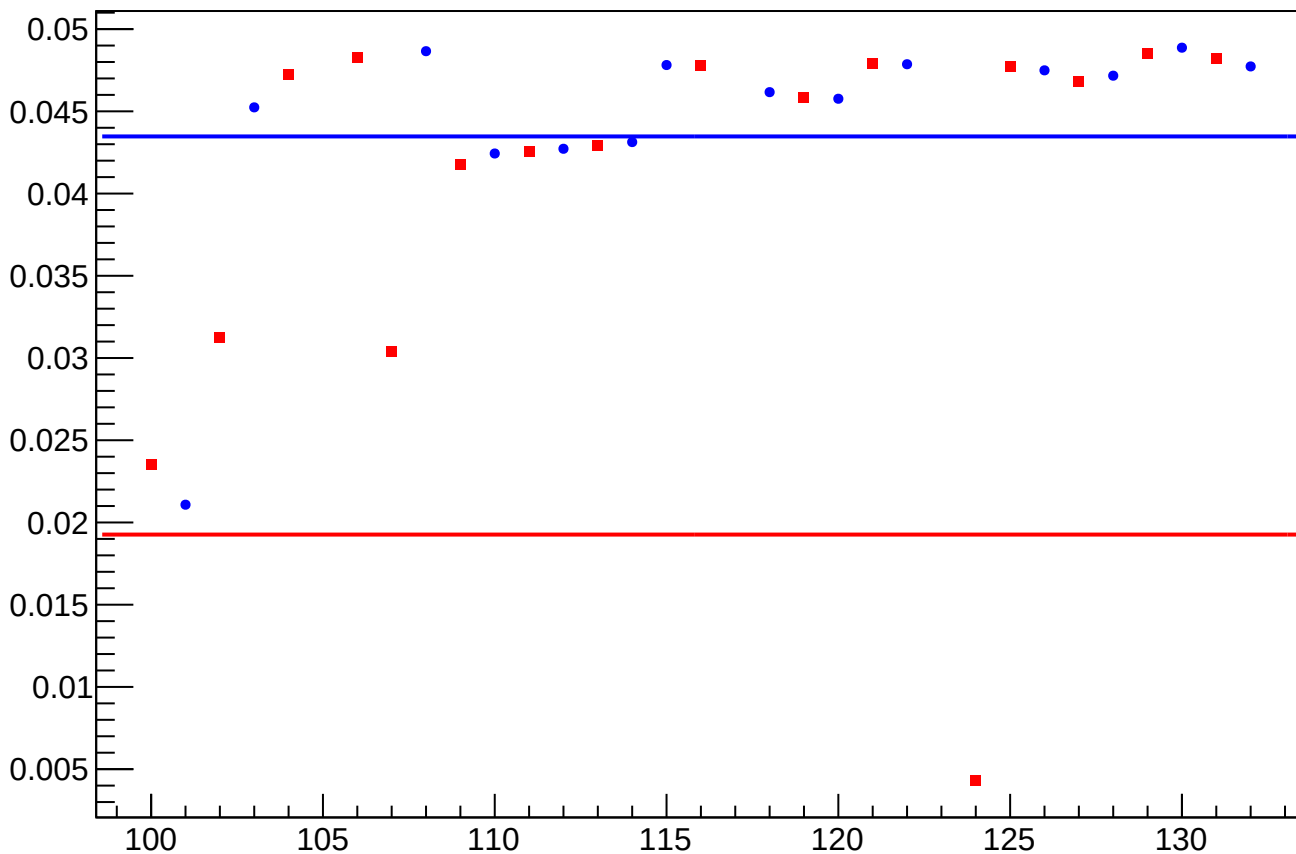
Right: 0.000+/-0.000 χ^2/NDF : 4986552.1/29

In: 0.000+/-0.000 χ^2/NDF :804603.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4986552.1/29

yield_atl2_mean vs Slug, Sign Corrected



Right In: 0.043+/-0.000

χ^2/NDF : 2985464274.5/13

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.026+/-0.000 χ^2/NDF : 62589672779.3/29

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.043+/-0.000 χ^2/NDF : 2985464274.5/13

Right Out: 0.019+/-0.000 χ^2/NDF : 41649777402.8/15

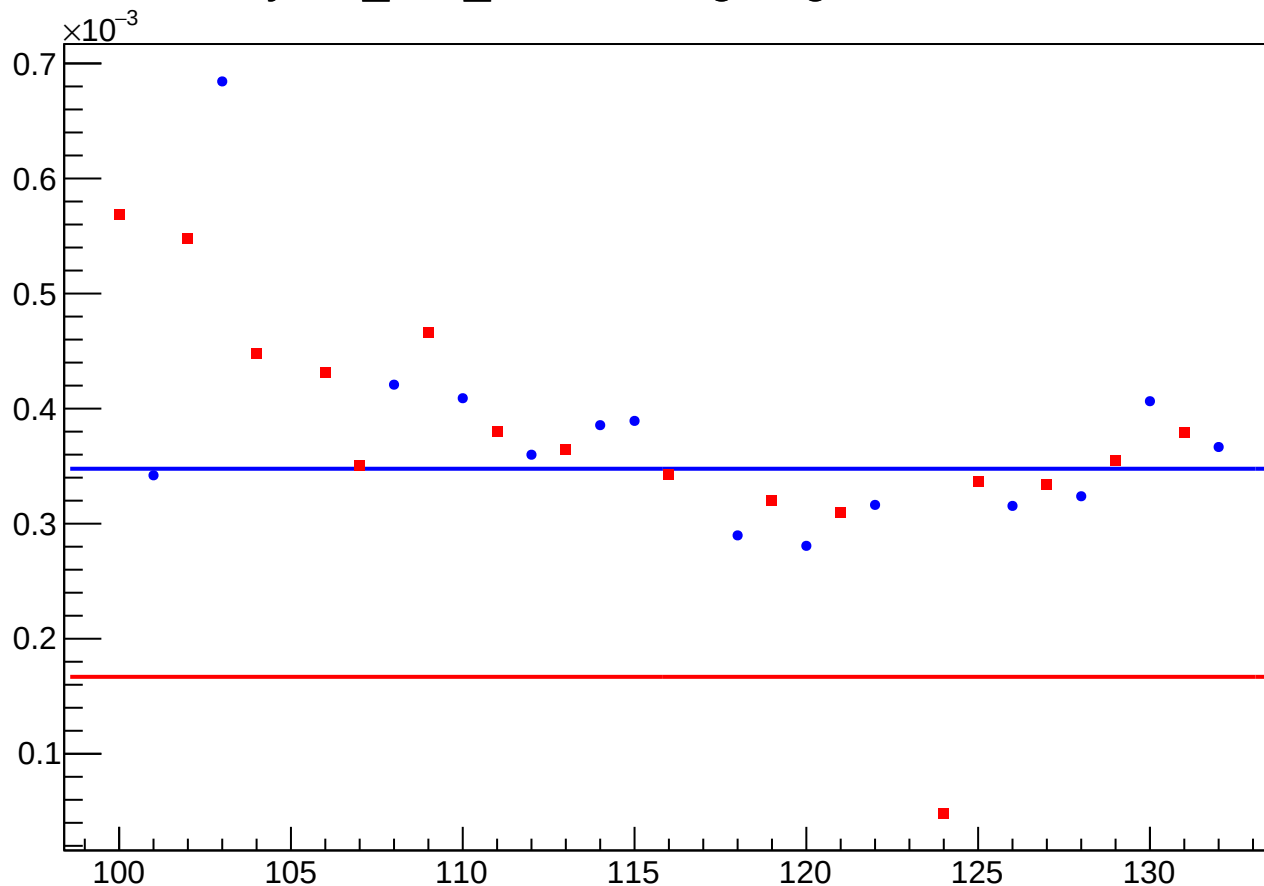
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.026+/-0.000 χ^2/NDF : 62589672779.3/29

yield_atl2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 430777.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5413946.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

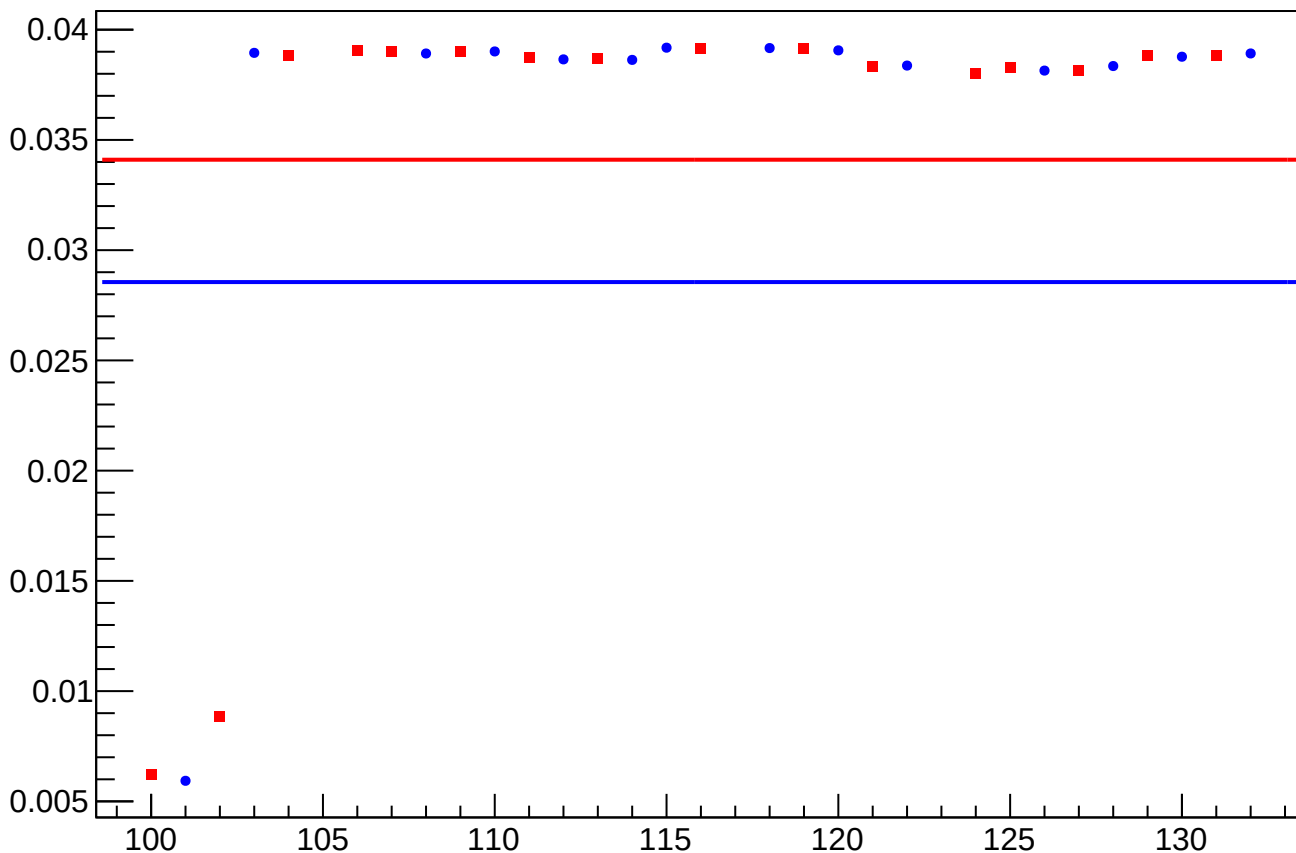
Right: 0.000+/-0.000 χ^2/NDF : 7848665.0/29

In: 0.000+/-0.000 χ^2/NDF : 430777.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7848665.0/29

yield_atr1_mean vs Slug, Sign Corrected



Right In: 0.029+/-0.000

χ^2/NDF : 101548201167.4/13

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.031+/-0.000

χ^2/NDF : 153785700637.8/29

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.029+/-0.000

χ^2/NDF : 101548201167.4/13

Right Out: 0.034+/-0.000

χ^2/NDF : 45896875635.8/15

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

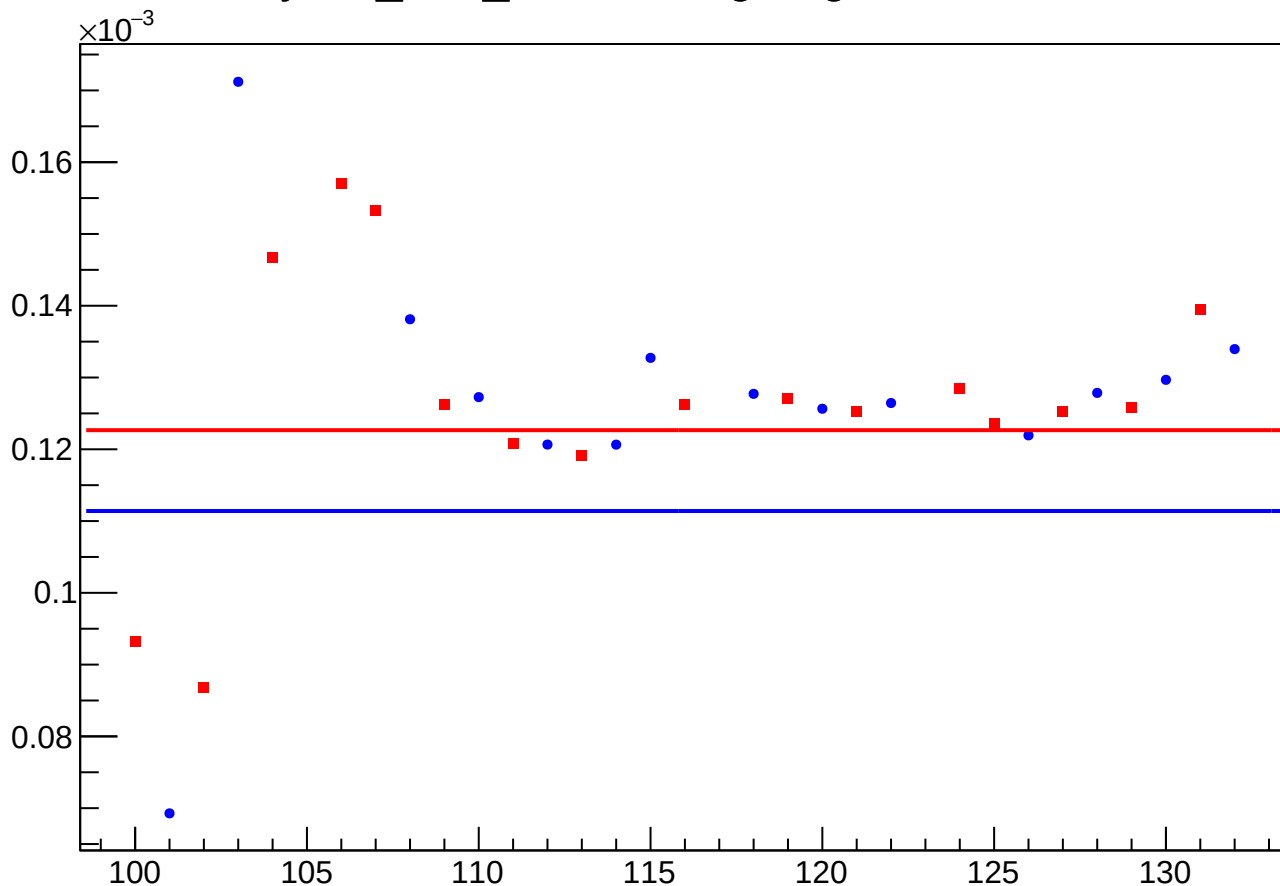
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.031+/-0.000

χ^2/NDF : 153785700637.8

yield_atr1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 790534.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 235235.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

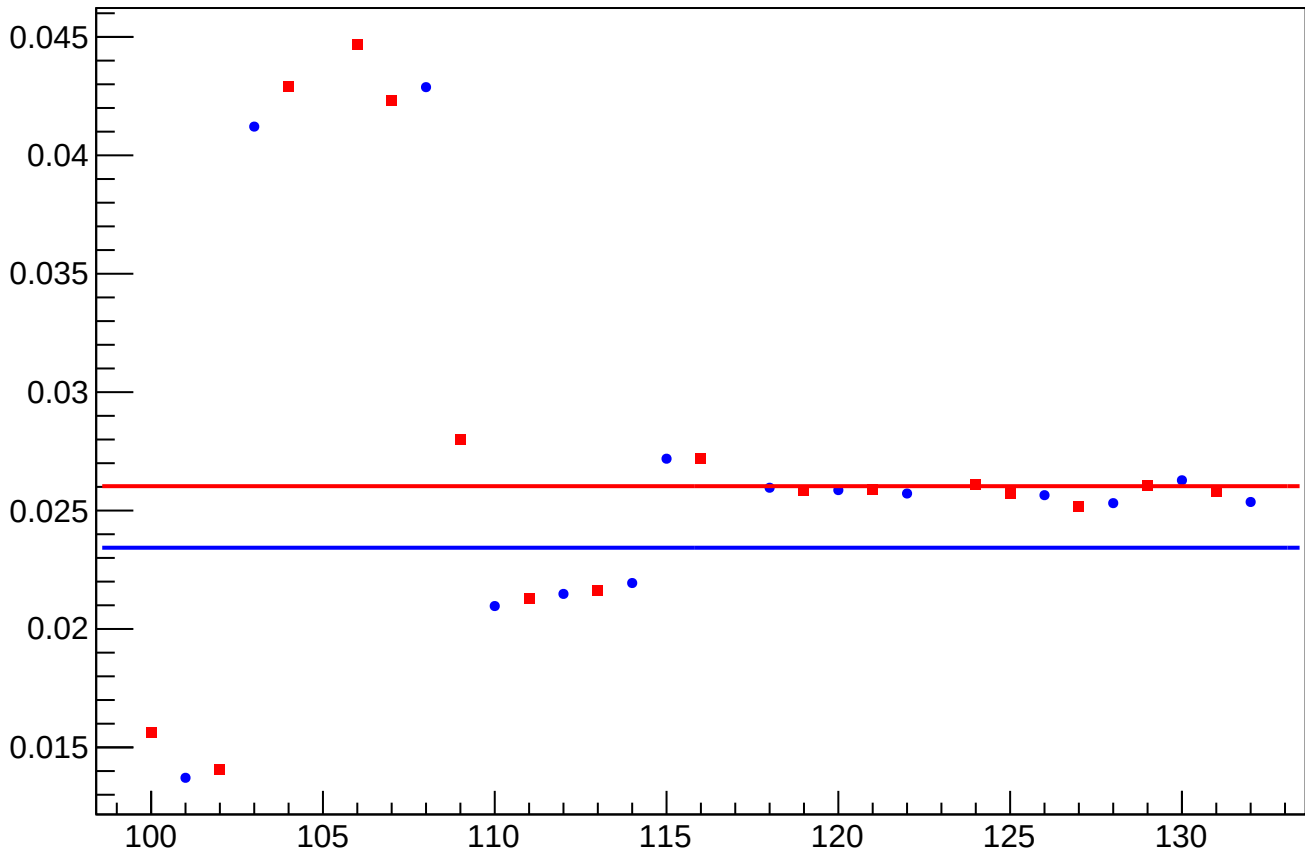
Right: 0.000+/-0.000 χ^2/NDF : 1077979.6/29

In: 0.000+/-0.000 χ^2/NDF : 790534.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1077979.6/29

yield_atr2_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 3540127400.6/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.026+/-0.000 χ^2/NDF : 3233662071.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

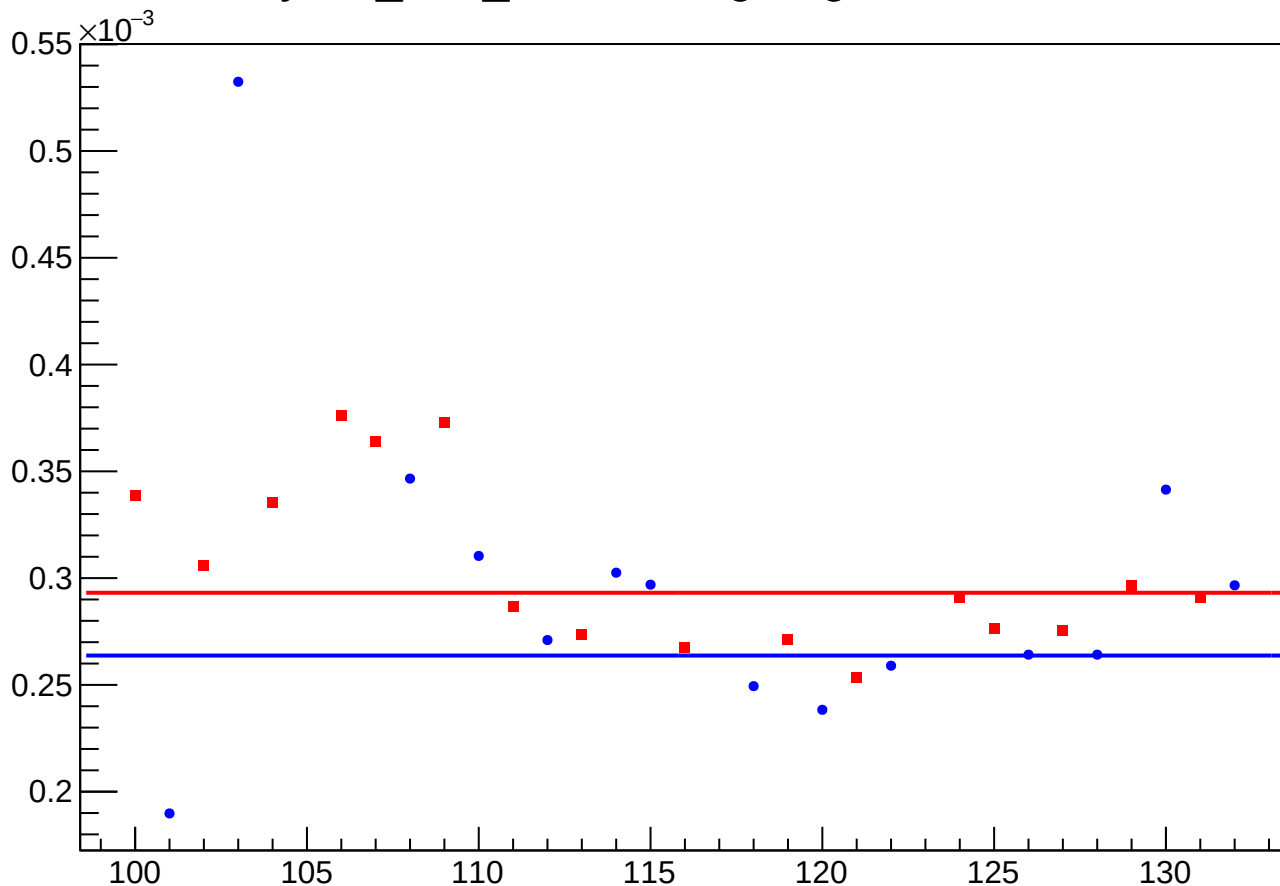
Right: 0.025+/-0.000 χ^2/NDF : 7005925543.6/29

In: 0.023+/-0.000 χ^2/NDF :3540127400.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.025+/-0.000 χ^2/NDF : 7005925543.6/29

yield_atr2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 596549.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 142116.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

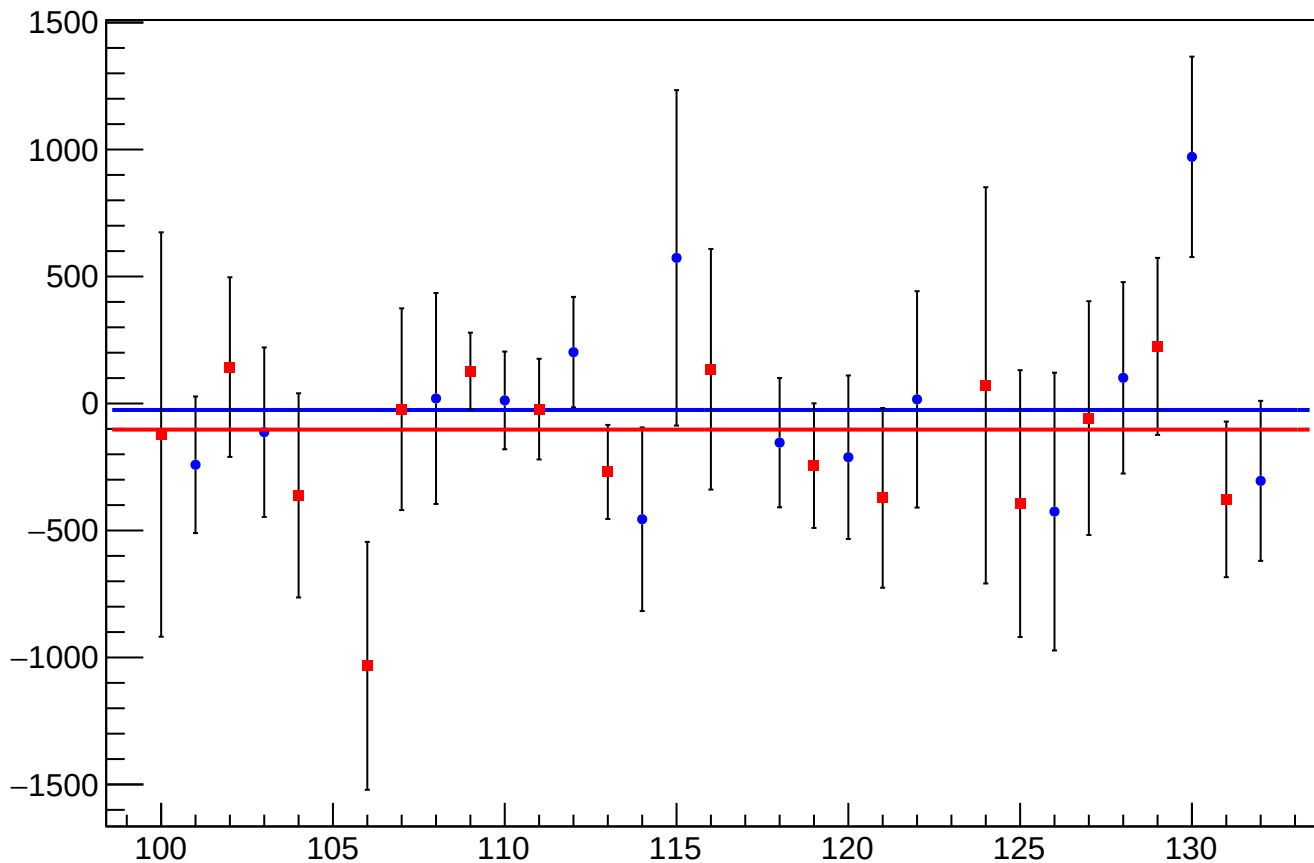
Right: 0.000+/-0.000 χ^2/NDF : 798084.9/29

In: 0.000+/-0.000 χ^2/NDF : 596549.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 798084.9/29

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -25.494 ± 83.294 $\chi^2/\text{NDF}: 12.5/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -102.754 ± 73.986 $\chi^2/\text{NDF}: 11.1/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

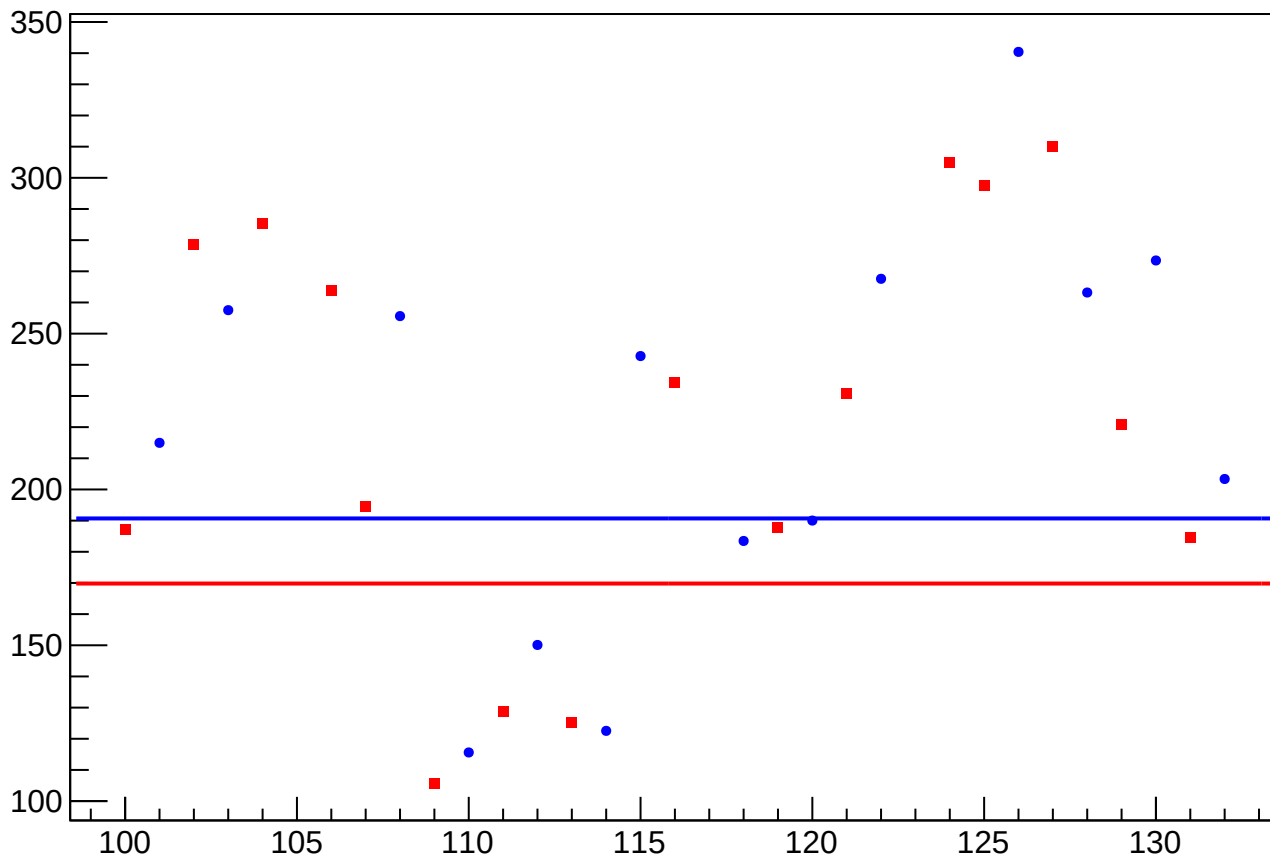
Right: -68.680 ± 55.315 $\chi^2/\text{NDF}: 24.1/29$

In: -25.494 ± 83.294 $\chi^2/\text{NDF}: 12.5/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -68.680 ± 55.315 $\chi^2/\text{NDF}: 24.1/29$

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 190.699+/-0.059 χ^2/NDF : 984999.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.812+/-0.052 χ^2/NDF : 1519029.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

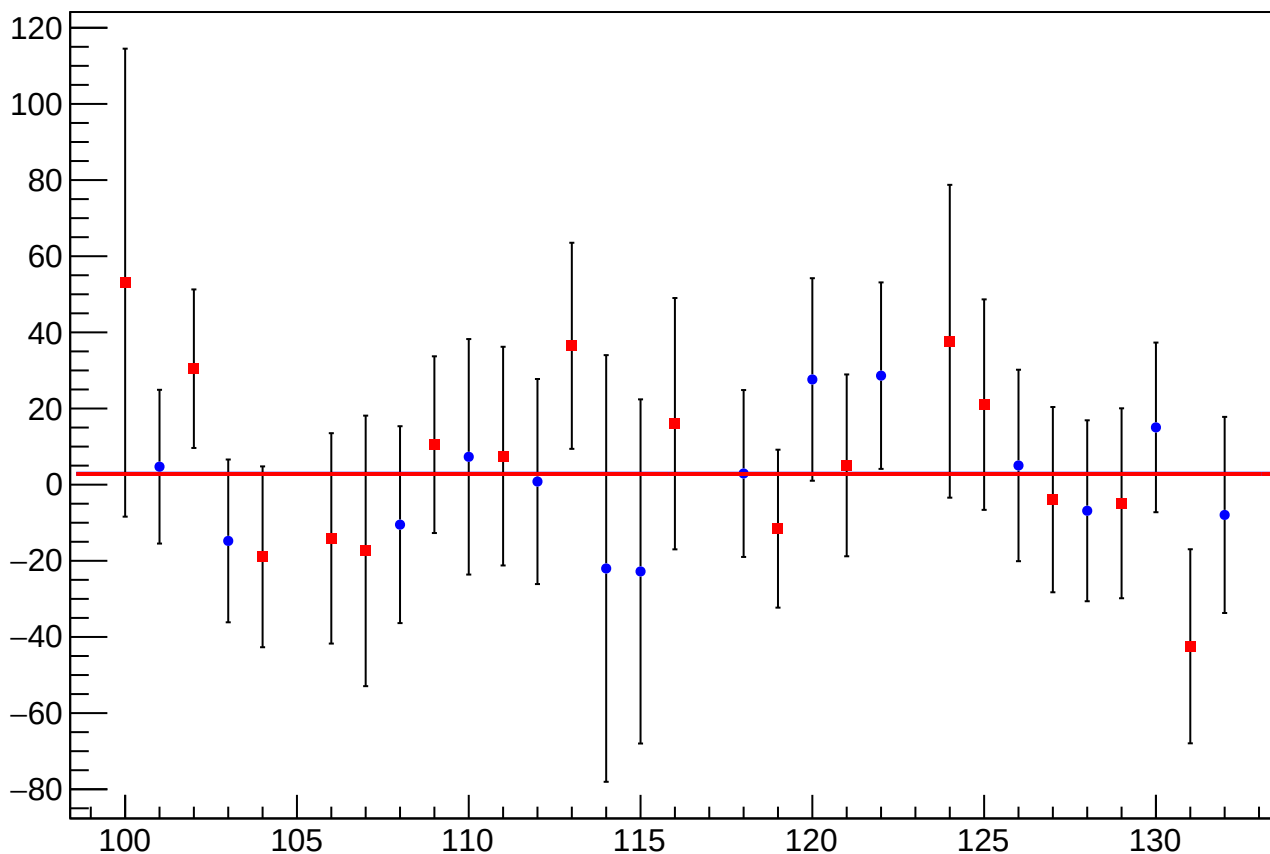
Right: 179.024+/-0.039 χ^2/NDF : 2574329.4/29

In: 190.699+/-0.059 χ^2/NDF : 984999.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.024+/-0.039 χ^2/NDF : 2574329.4/29

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 2.859+/-6.835 χ^2/NDF : 4.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.809+/-6.650 χ^2/NDF : 10.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

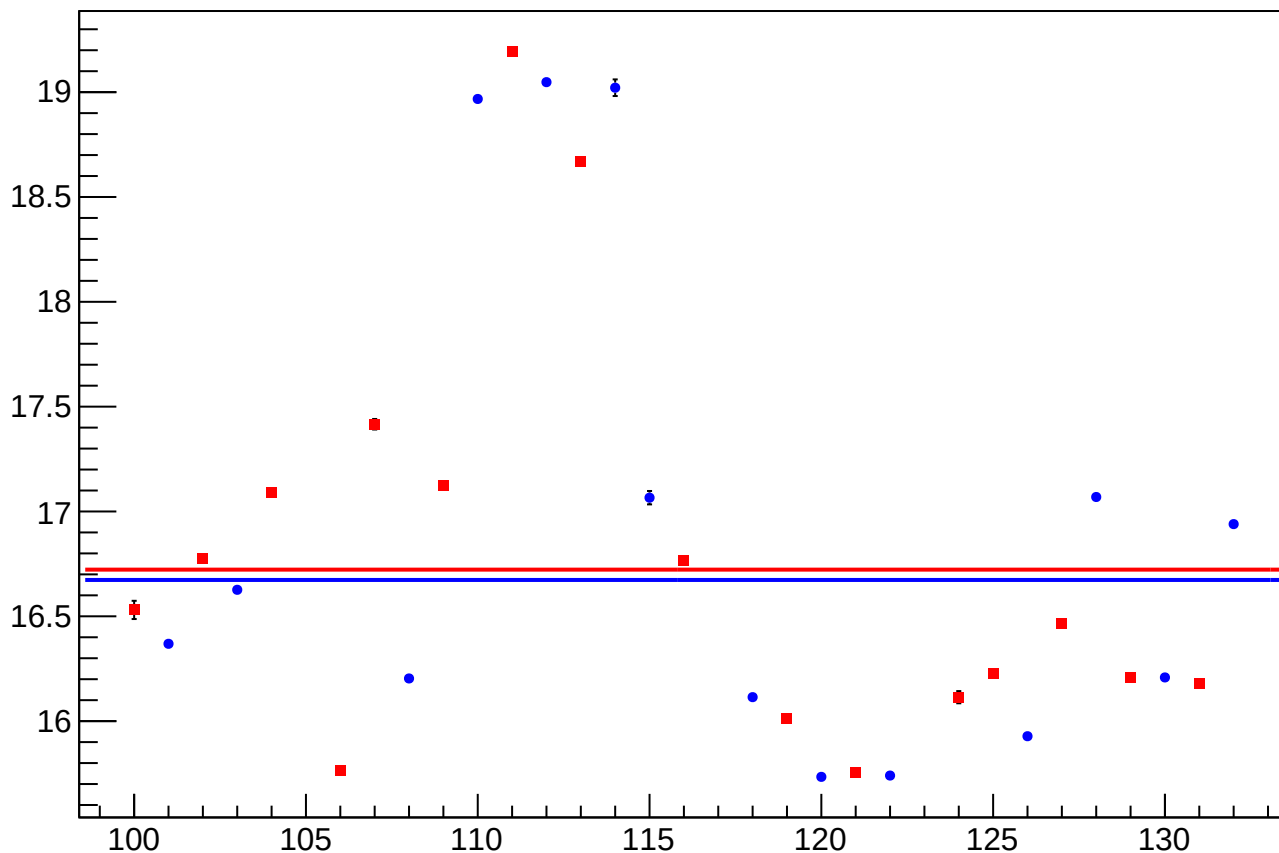
Right: 2.833+/-4.766 χ^2/NDF : 14.9/29

In: 2.859+/-6.835 χ^2/NDF : 4.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.833+/-4.766 χ^2/NDF : 14.9/29

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.673+/-0.005 χ^2/NDF : 41432.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 16.723+/-0.005 χ^2/NDF : 38095.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

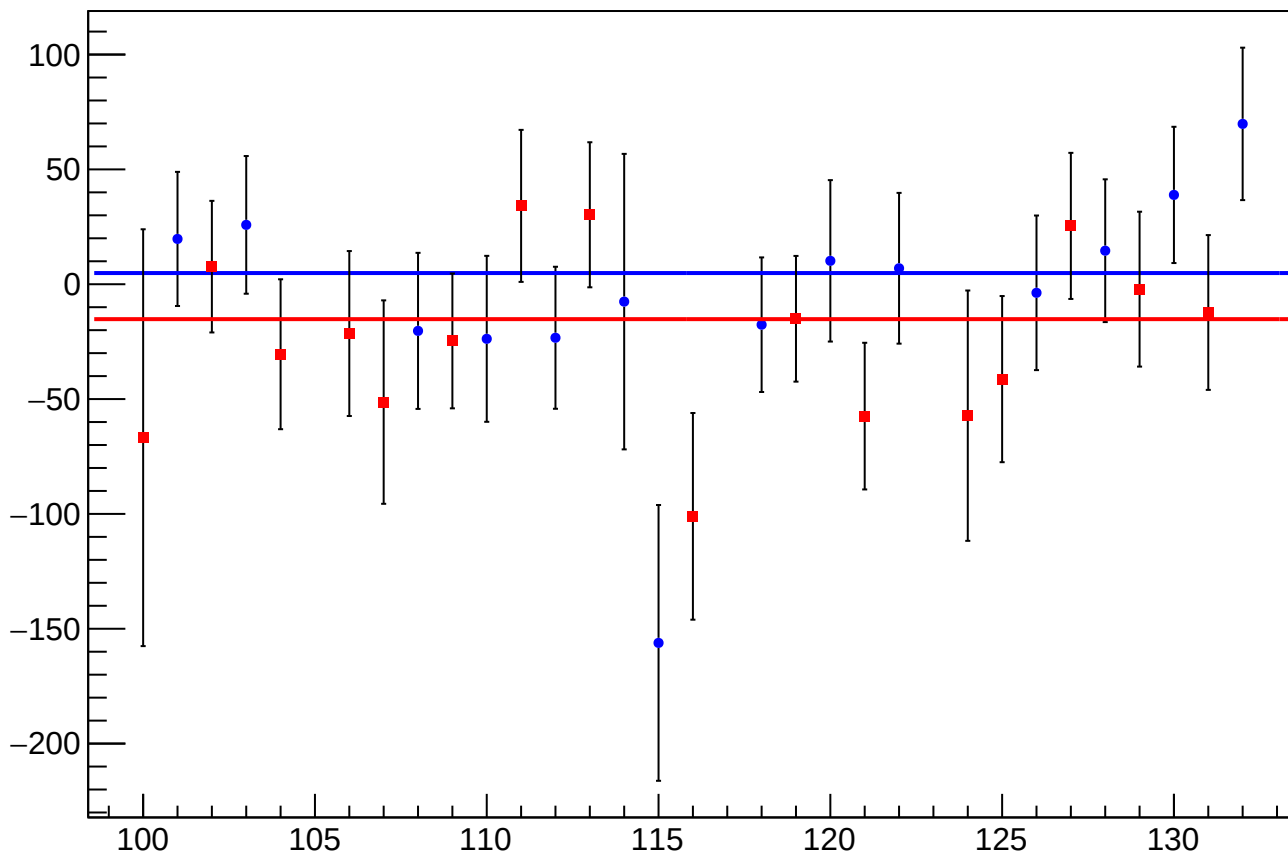
Right: 16.699+/-0.003 χ^2/NDF : 79580.4/29

In: 16.673+/-0.005 χ^2/NDF :41432.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 16.699+/-0.003 χ^2/NDF : 79580.4/29

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 4.868+/-8.999 χ^2/NDF : 15.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.201+/-8.671 χ^2/NDF : 14.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

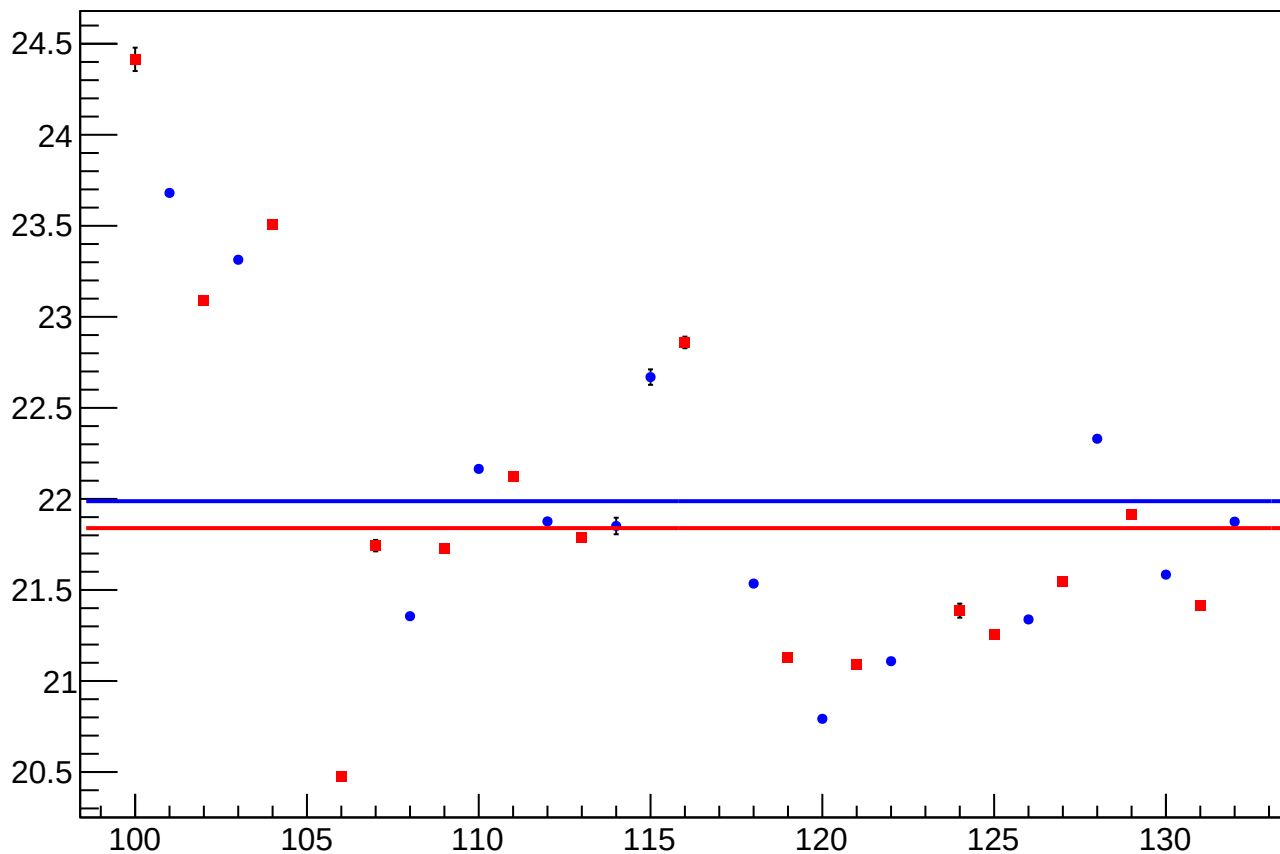
Right: -5.538+/-6.244 χ^2/NDF : 33.1/29

In: 4.868+/-8.999 χ^2/NDF : 15.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.538+/-6.244 χ^2/NDF : 33.1/29

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 21.988+/-0.006 χ^2/NDF : 17277.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.840+/-0.006 χ^2/NDF : 18364.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

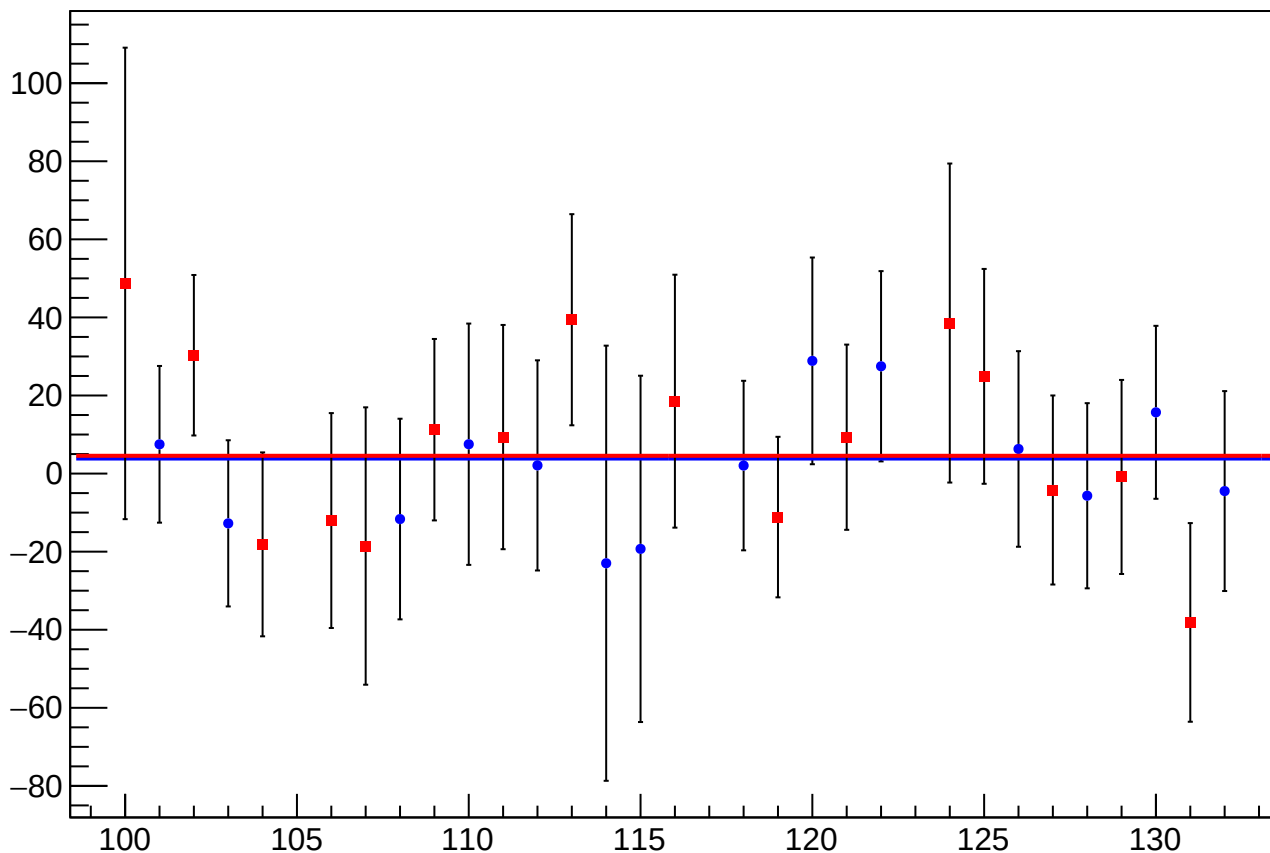
Right: 21.911+/-0.004 χ^2/NDF : 35922.0/29

In: 21.988+/-0.006 χ^2/NDF : 17277.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.911+/-0.004 χ^2/NDF : 35922.0/29

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 3.852+/-6.800 χ^2/NDF : 3.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.558+/-6.612 χ^2/NDF : 10.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

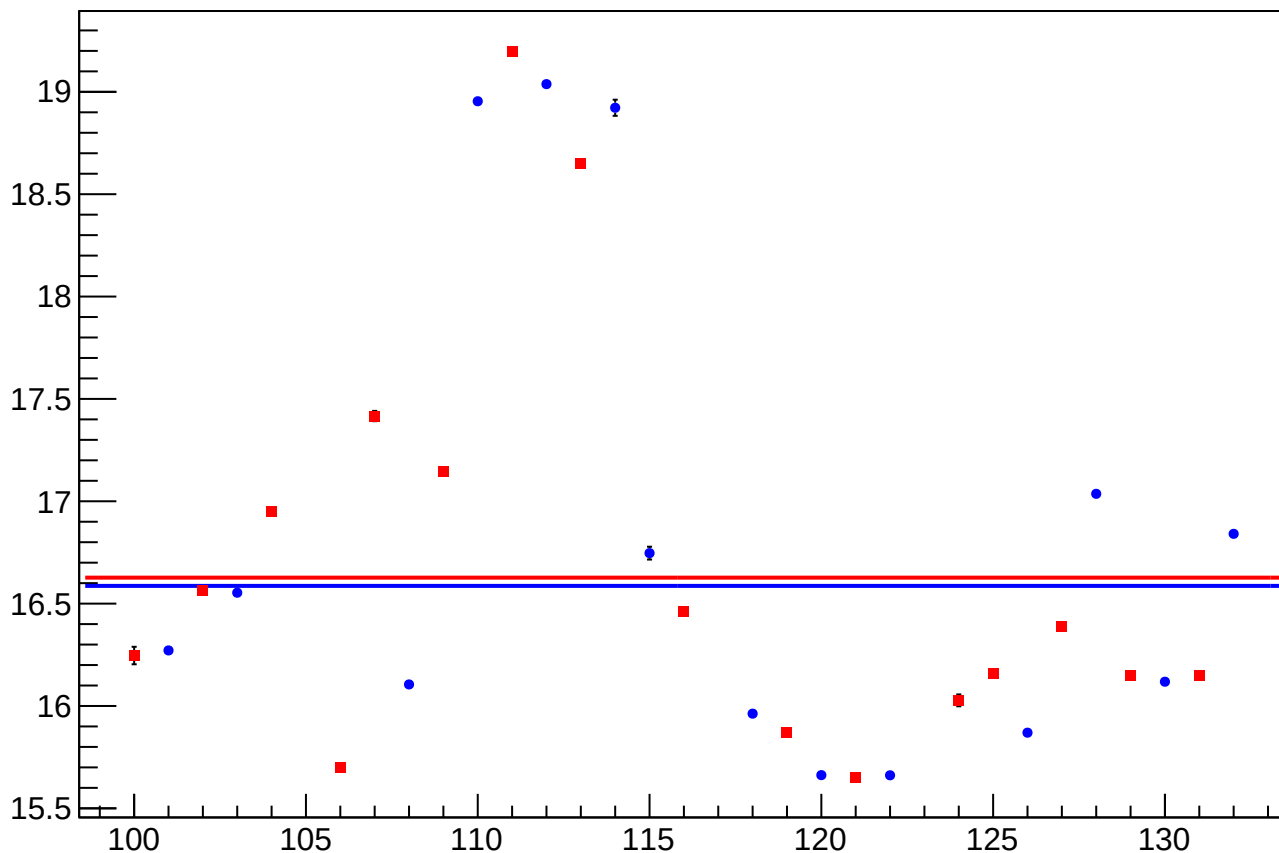
Right: 4.215+/-4.740 χ^2/NDF : 14.6/29

In: 3.852+/-6.800 χ^2/NDF : 3.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.215+/-4.740 χ^2/NDF : 14.6/29

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.587+/-0.005 χ^2/NDF : 43481.3/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 16.627+/-0.005 χ^2/NDF : 40714.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

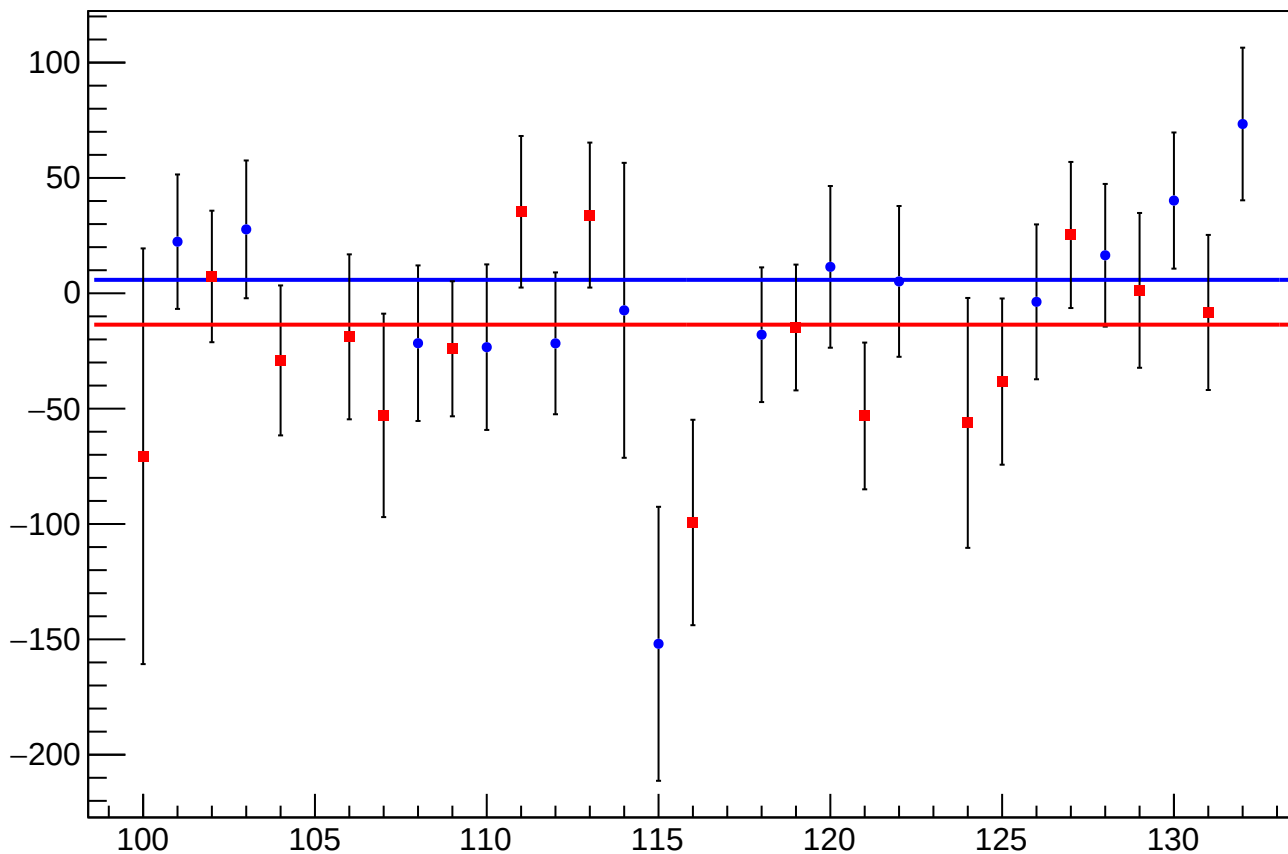
Right: 16.607+/-0.003 χ^2/NDF : 84231.7/29

In: 16.587+/-0.005 χ^2/NDF :43481.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 16.607+/-0.003 χ^2/NDF : 84231.7/29

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 5.830+/-8.958 χ^2/NDF : 16.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.596+/-8.630 χ^2/NDF : 14.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

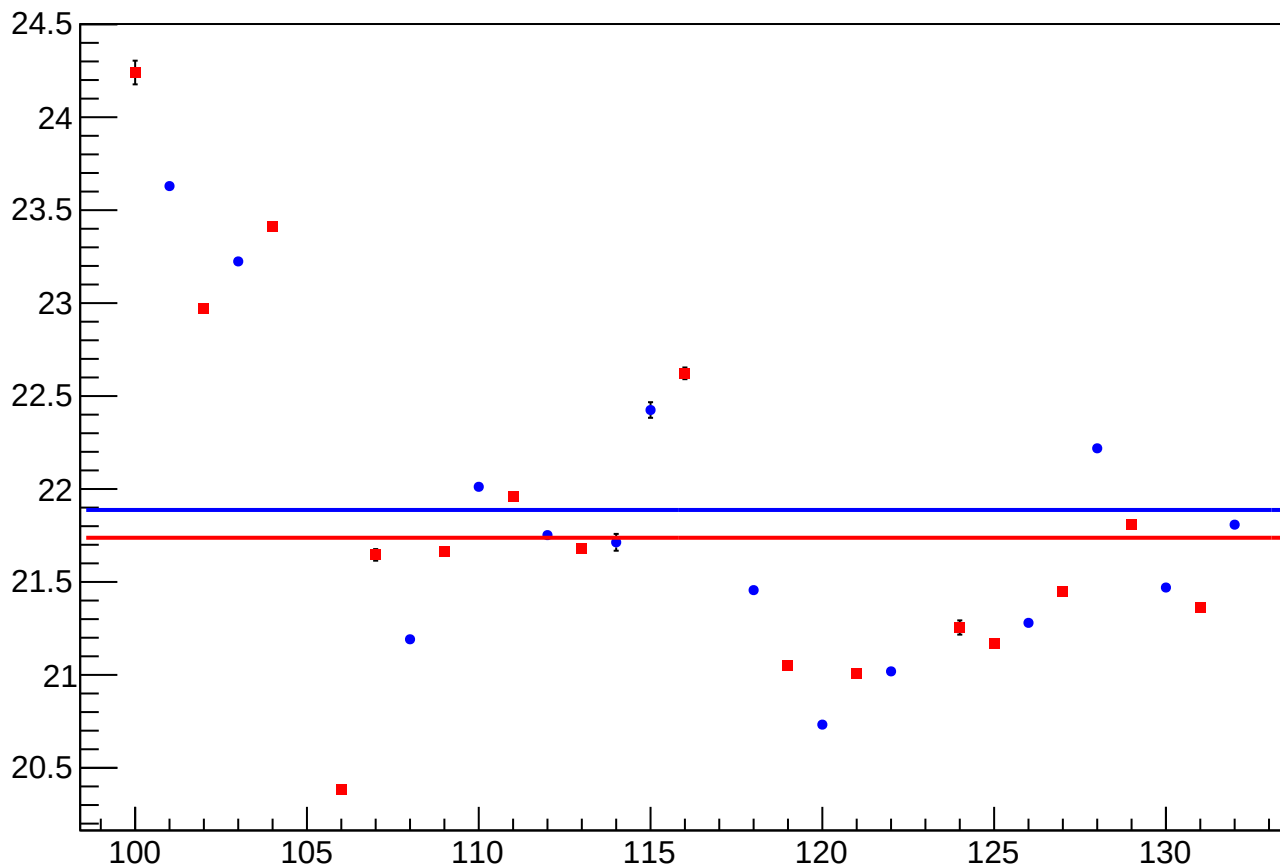
Right: -4.244+/-6.215 χ^2/NDF : 33.6/29

In: 5.830+/-8.958 χ^2/NDF : 16.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.244+/-6.215 χ^2/NDF : 33.6/29

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 21.887+/-0.006 χ^2/NDF : 17569.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 21.738+/-0.006 χ^2/NDF : 17799.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

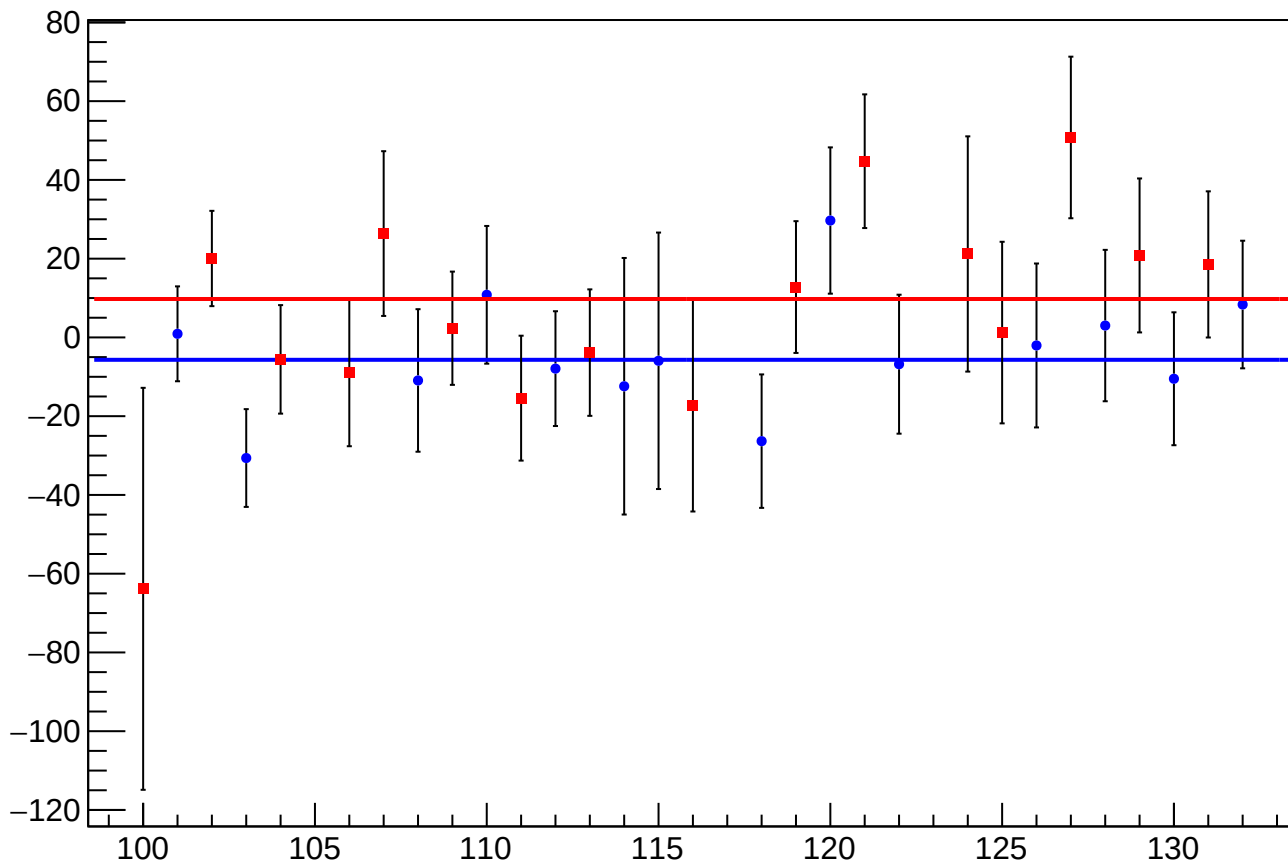
Right: 21.810+/-0.004 χ^2/NDF : 35657.4/29

In: 21.887+/-0.006 χ^2/NDF :17569.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 21.810+/-0.004 χ^2/NDF : 35657.4/29

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -5.684+/-4.554 χ^2/NDF : 11.6/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 9.758+/-4.488 χ^2/NDF : 19.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

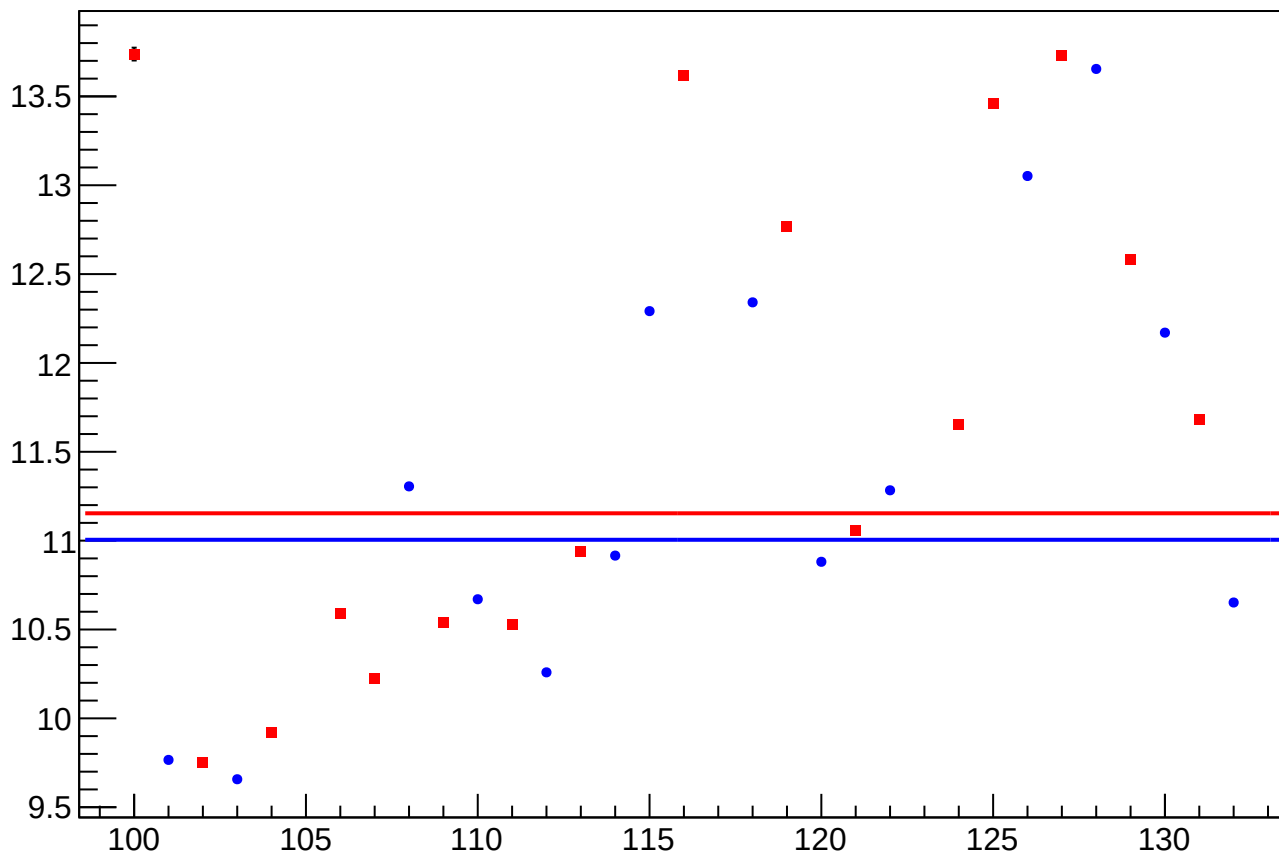
Right: 2.150+/-3.196 χ^2/NDF : 36.7/29

In: -5.684+/-4.554 χ^2/NDF :11.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2.150+/-3.196 χ^2/NDF : 36.7/29

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 11.005+/-0.003 χ^2/NDF : 135210.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.154+/-0.003 χ^2/NDF : 160658.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

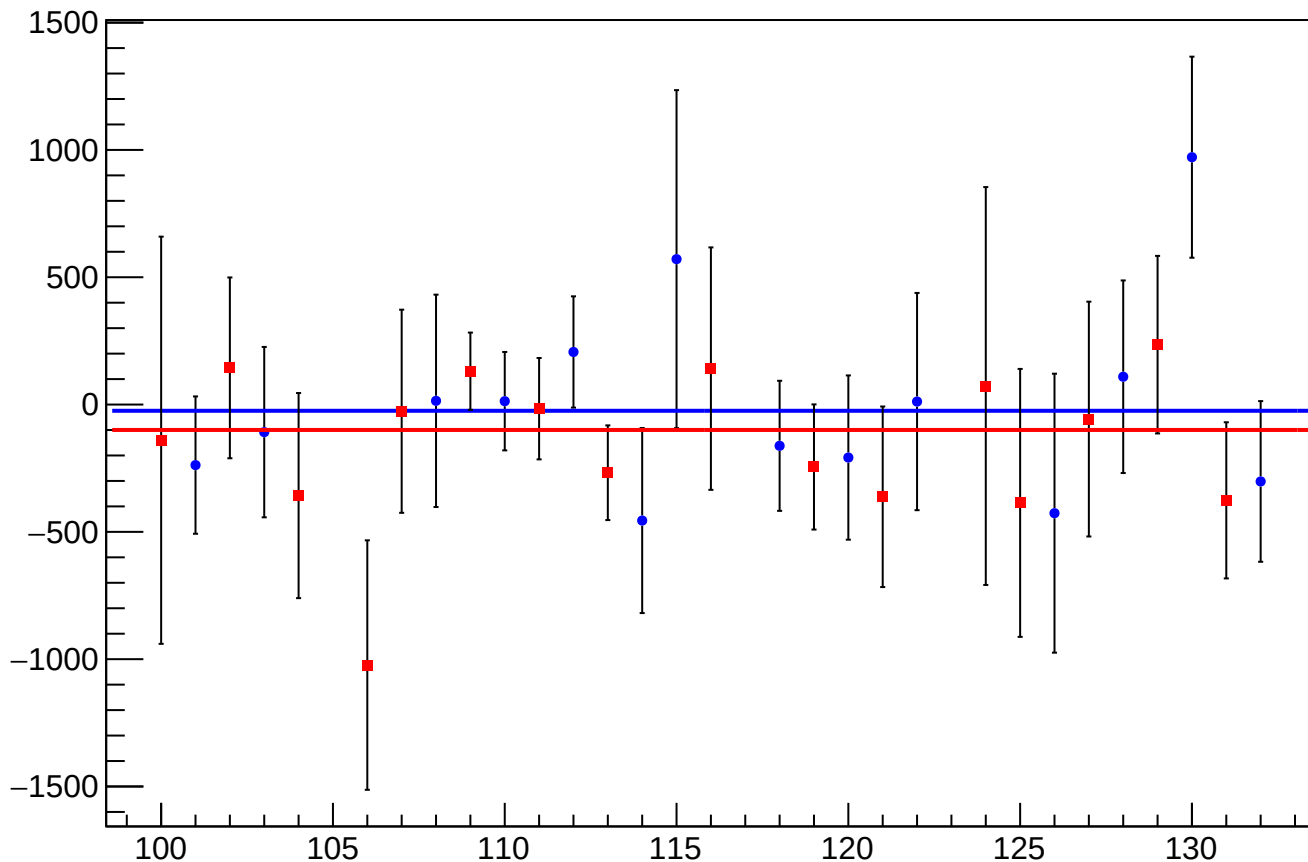
Right: 11.081+/-0.002 χ^2/NDF : 296955.9/29

In: 11.005+/-0.003 χ^2/NDF : 135210.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.081+/-0.002 χ^2/NDF : 296955.9/29

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: -24.484+/-83.562 χ^2/NDF : 12.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -99.765+/-74.241 χ^2/NDF : 11.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

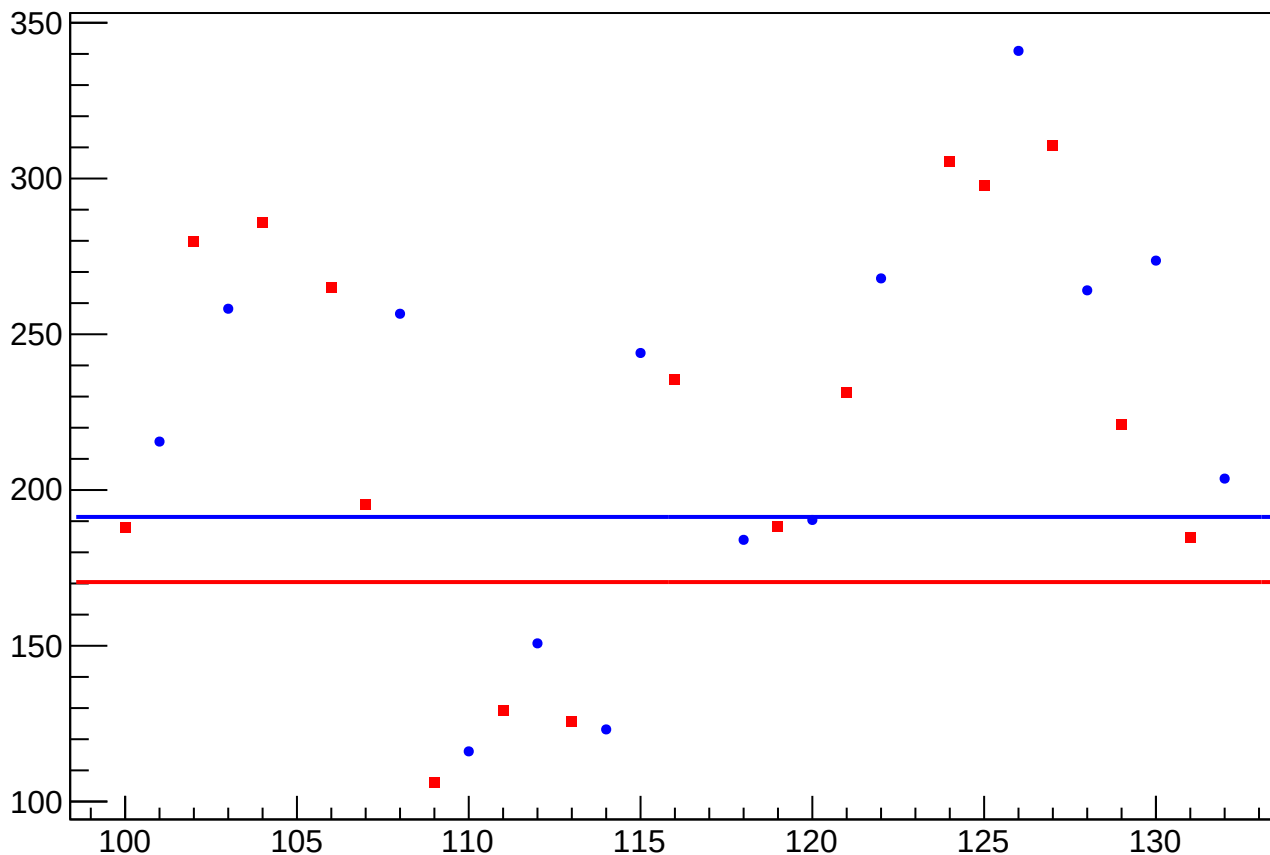
Right: -66.556+/-55.500 χ^2/NDF : 24.0/29

In: -24.484+/-83.562 χ^2/NDF :12.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -66.556+/-55.500 χ^2/NDF : 24.0/29

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 191.361+/-0.059 χ^2/NDF : 979480.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 170.452+/-0.052 χ^2/NDF : 1512150.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

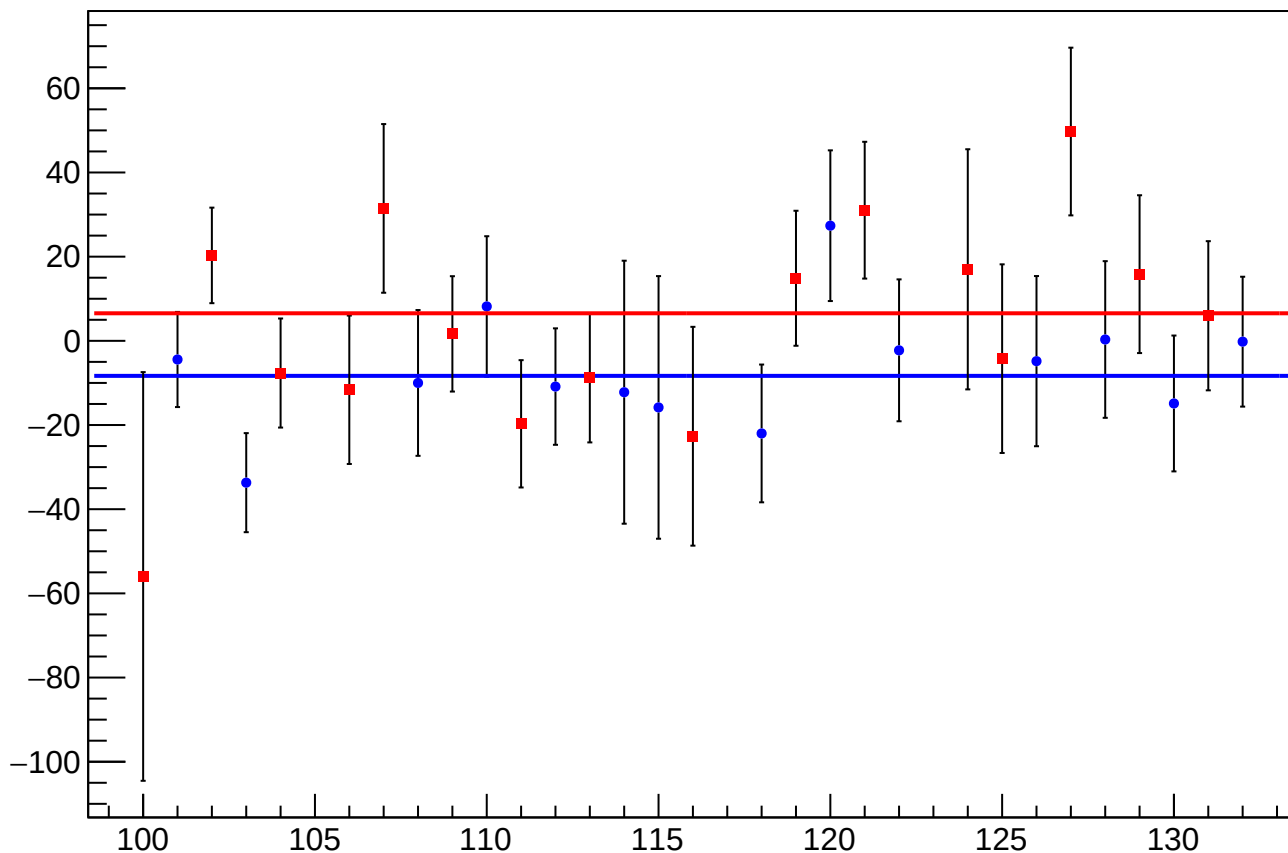
Right: 179.675+/-0.039 χ^2/NDF : 2561612.8/29

In: 191.361+/-0.059 χ^2/NDF : 979480.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.675+/-0.039 χ^2/NDF : 2561612.8/29

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -8.321+/-4.344 χ^2/NDF : 11.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.546+/-4.275 χ^2/NDF : 20.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

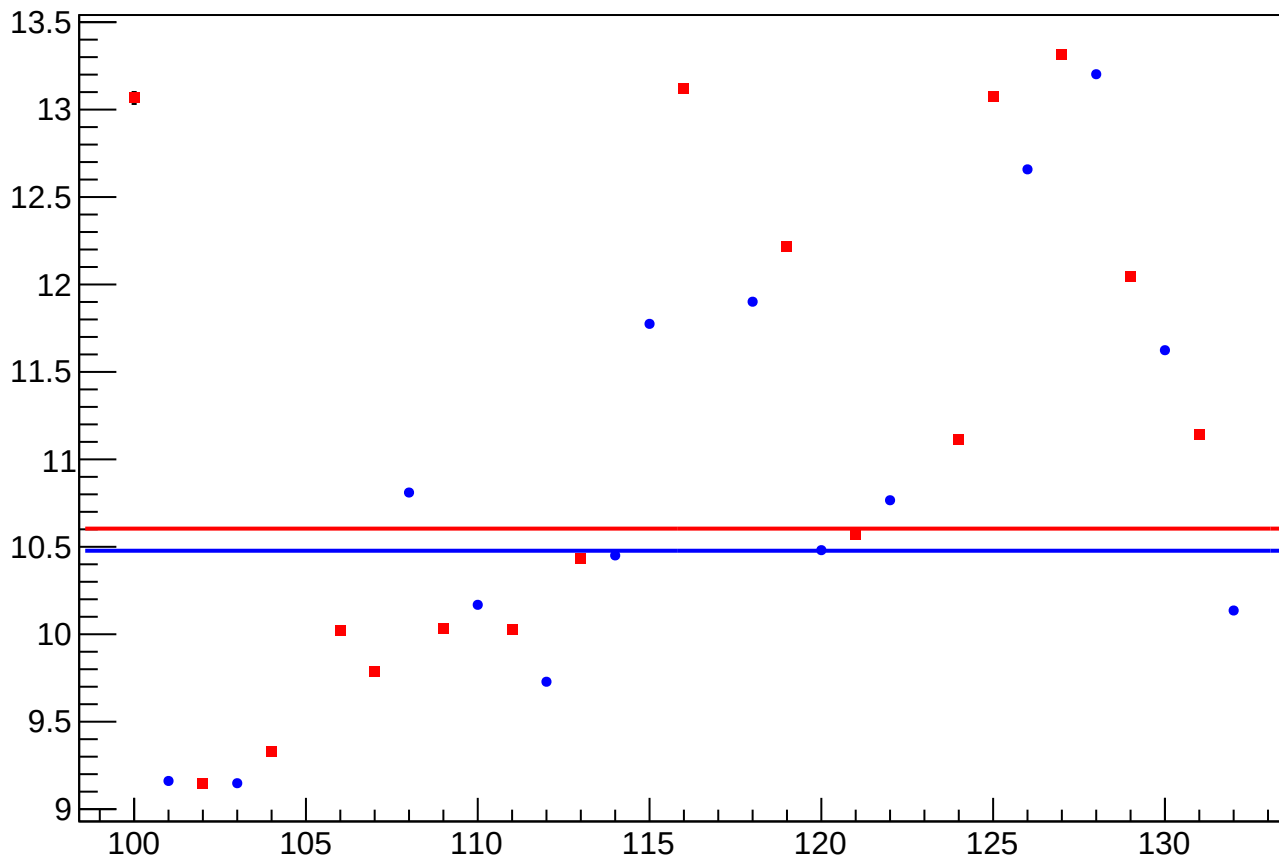
Right: -0.769+/-3.047 χ^2/NDF : 37.5/29

In: -8.321+/-4.344 χ^2/NDF : 11.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.769+/-3.047 χ^2/NDF : 37.5/29

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.478+/-0.003 χ^2/NDF : 156342.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.604+/-0.003 χ^2/NDF : 184282.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

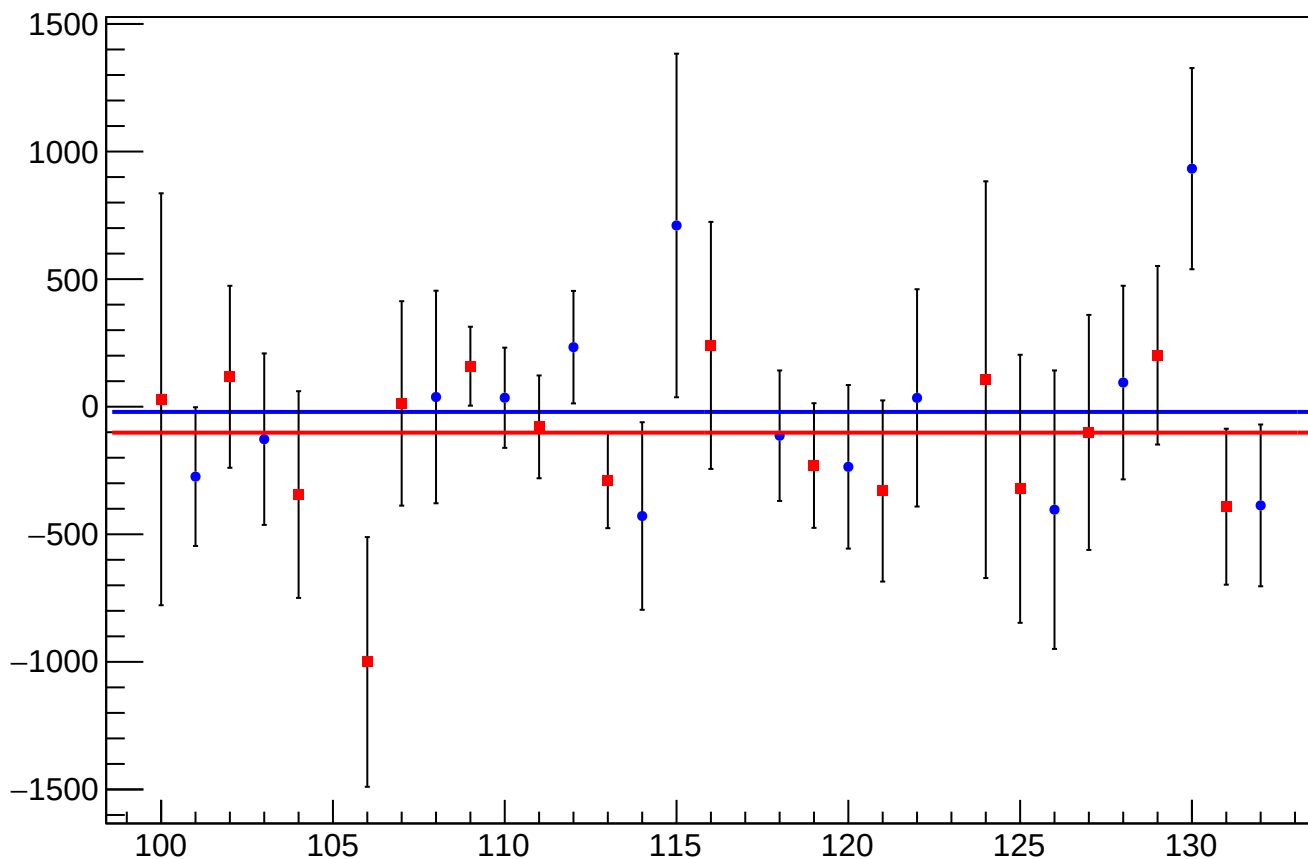
Right: 10.542+/-0.002 χ^2/NDF : 341487.0/29

In: 10.478+/-0.003 χ^2/NDF : 156342.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.542+/-0.002 χ^2/NDF : 341487.0/29

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -20.436+/-84.060 χ^2/NDF : 13.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -101.672+/-74.870 χ^2/NDF : 11.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

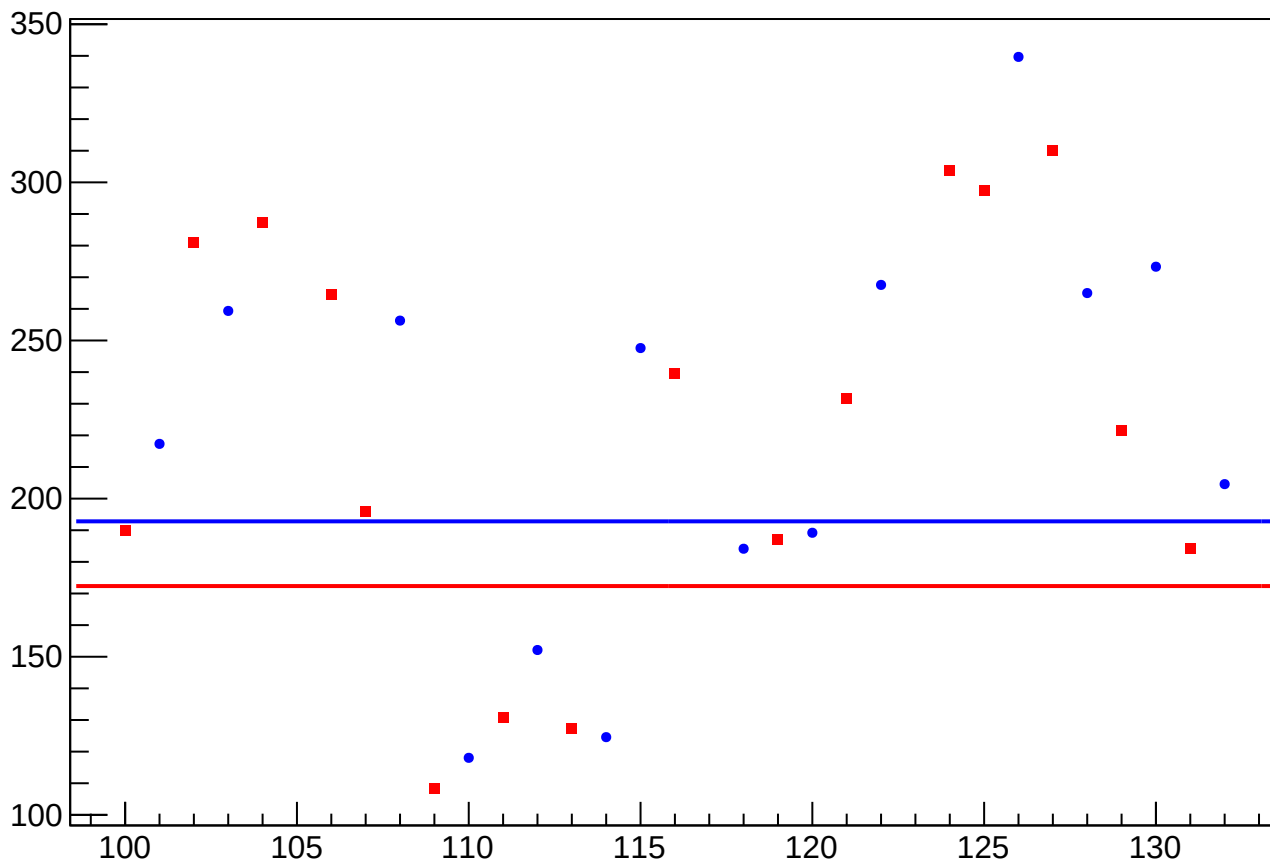
Right: -65.736+/-55.909 χ^2/NDF : 24.8/29

In: -20.436+/-84.060 χ^2/NDF : 13.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -65.736+/-55.909 χ^2/NDF : 24.8/29

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 192.814 $\pm$ 0.059 χ^2 /NDF: 949086.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 172.350 $\pm$ 0.053 χ^2 /NDF: 1462289.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

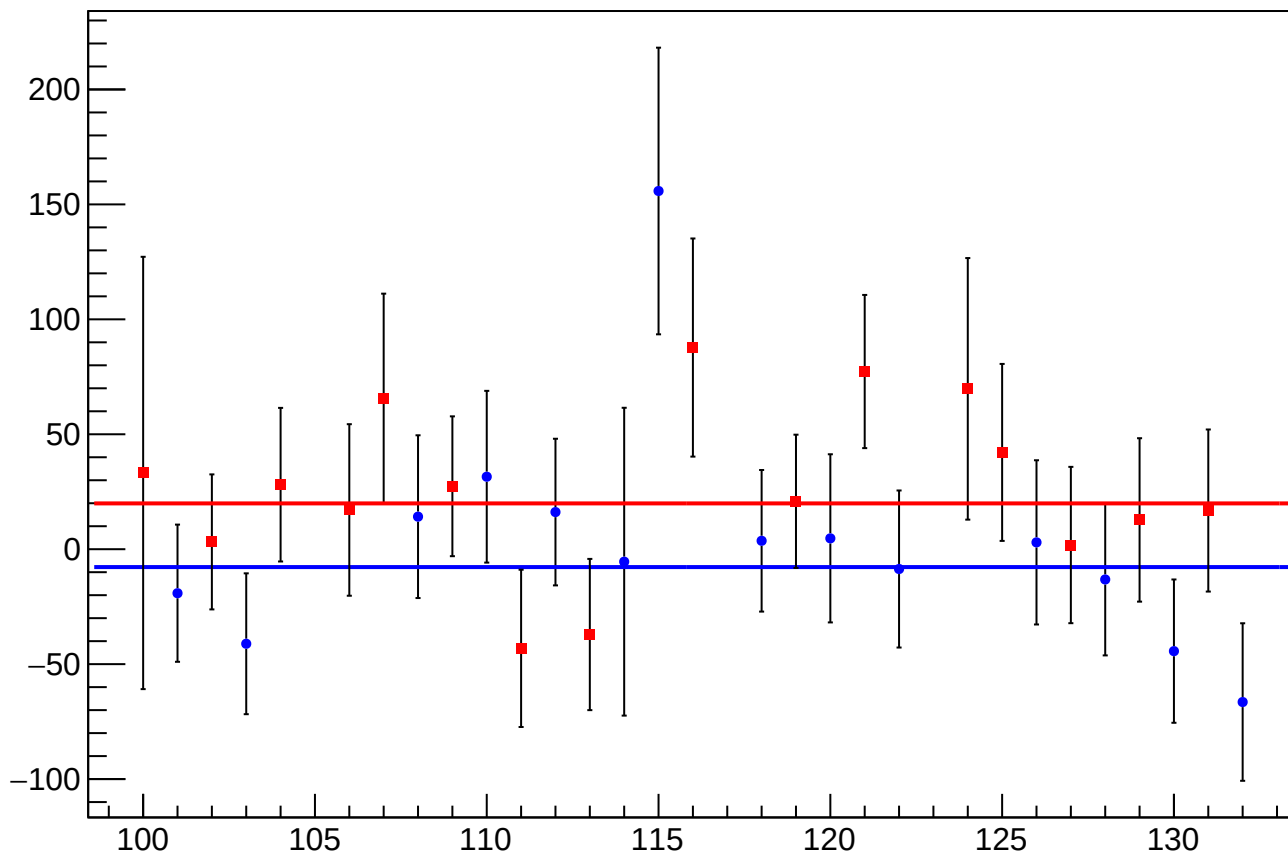
Right: 181.403 $\pm$ 0.040 χ^2 /NDF: 2477467.5/29

In: 192.814 $\pm$ 0.059 χ^2 /NDF:949086.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 181.403 $\pm$ 0.040 χ^2 /NDF: 2477467.5/29

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -7.774+/-9.363 χ^2/NDF : 15.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.926+/-9.052 χ^2/NDF : 14.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

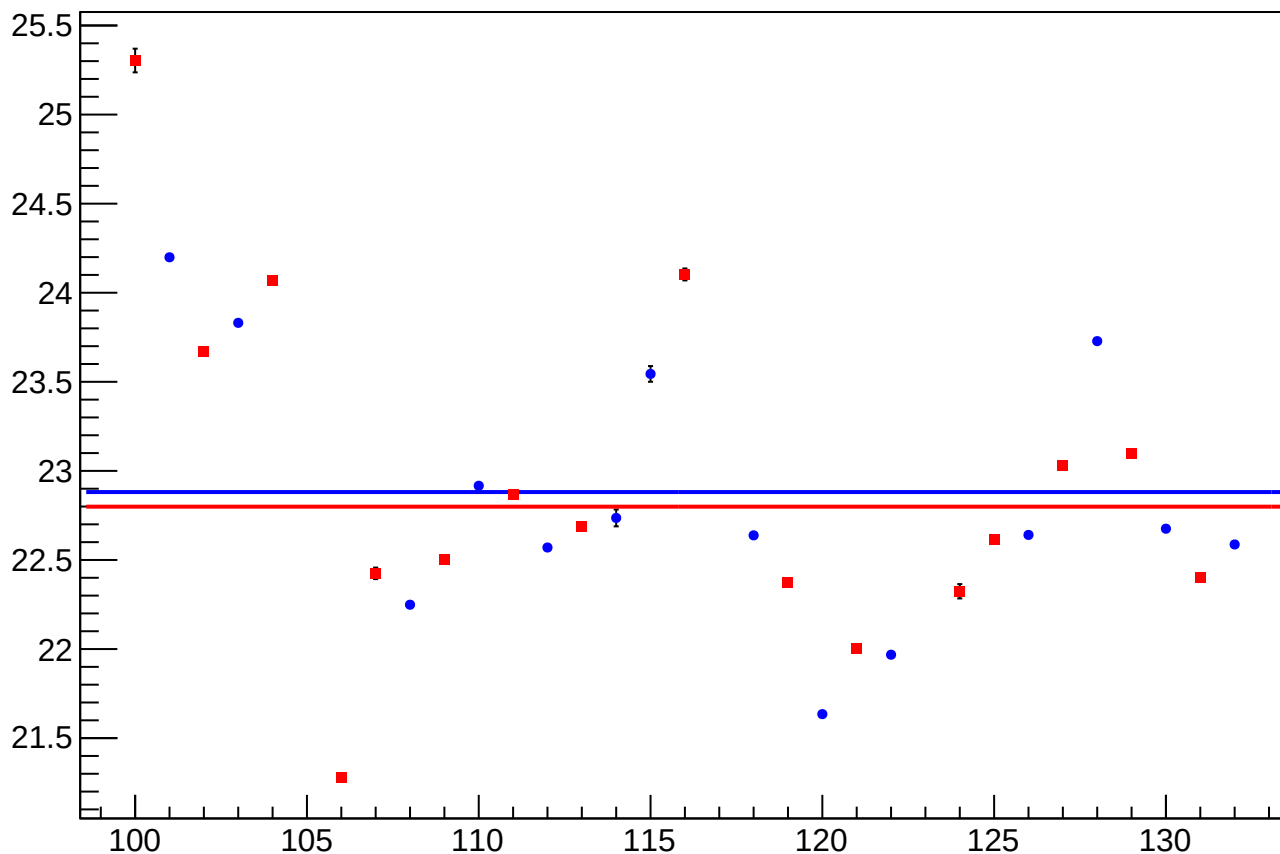
Right: 6.545+/-6.508 χ^2/NDF : 33.8/29

In: -7.774+/-9.363 χ^2/NDF : 15.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.545+/-6.508 χ^2/NDF : 33.8/29

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.881+/-0.007 χ^2/NDF : 12404.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.799+/-0.006 χ^2/NDF : 13470.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

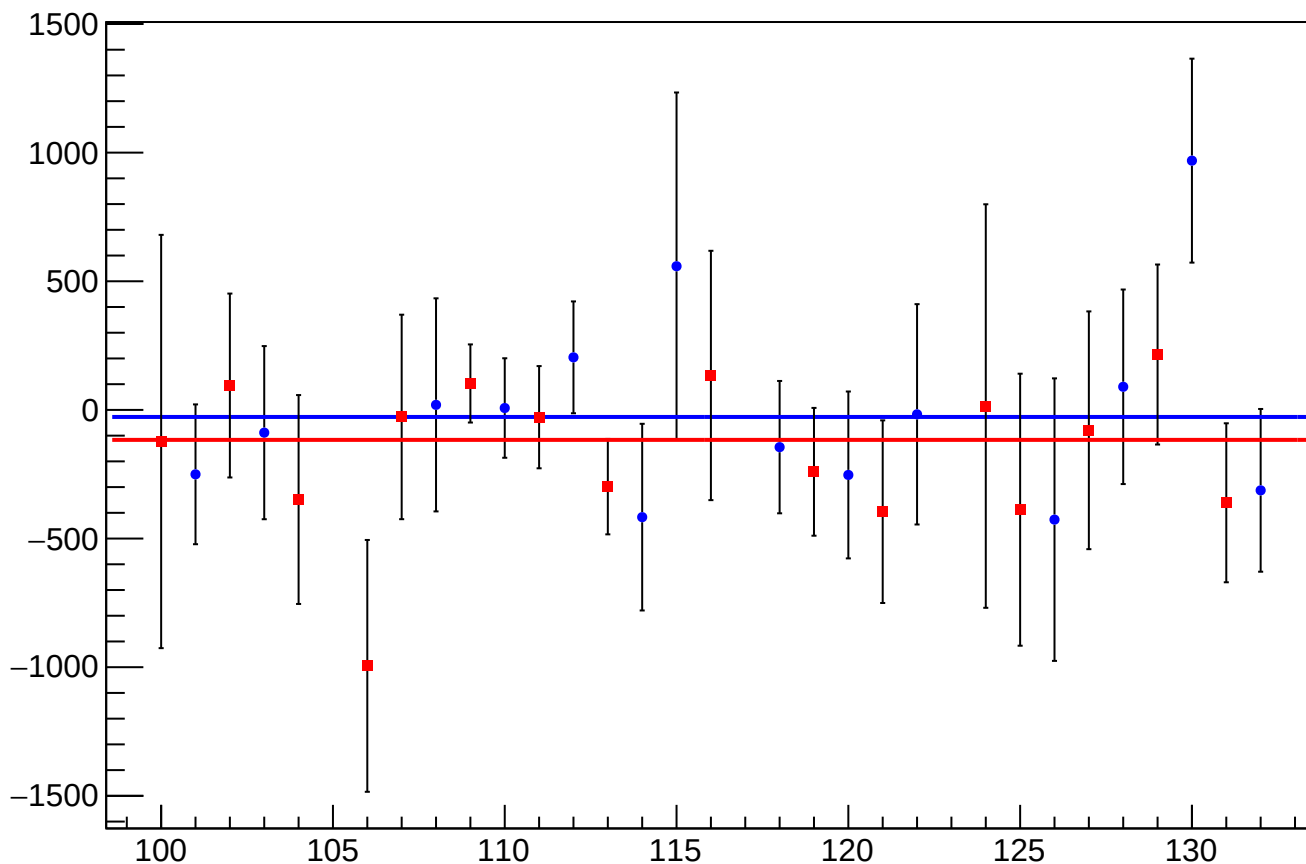
Right: 22.839+/-0.005 χ^2/NDF : 25954.3/29

In: 22.881+/-0.007 χ^2/NDF : 12404.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.839+/-0.005 χ^2/NDF : 25954.3/29

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -27.369 ± 83.723 χ^2/NDF : 12.2/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -116.474 ± 74.390 χ^2/NDF : 10.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

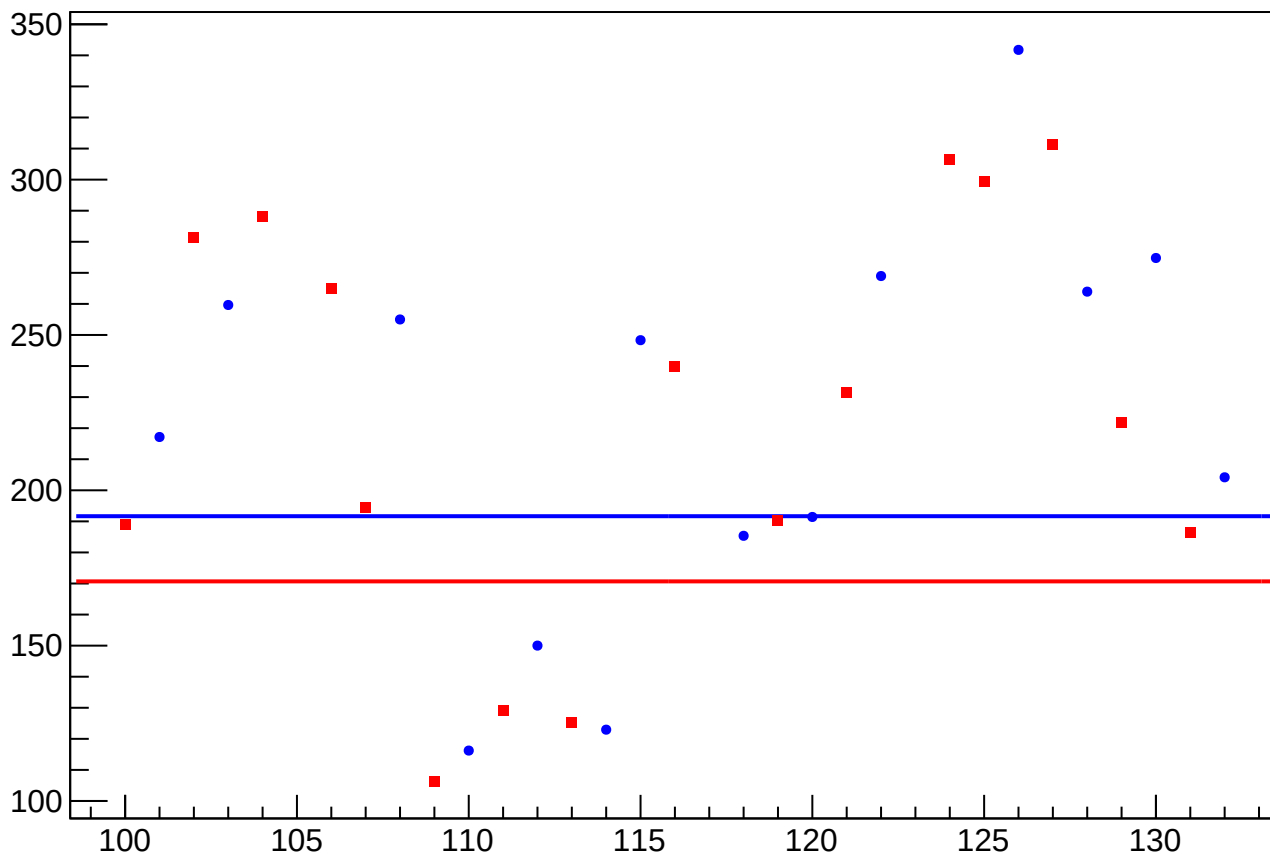
Right: -77.163 ± 55.610 χ^2/NDF : 23.0/29

In: -27.369 ± 83.723 χ^2/NDF : 12.2/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -77.163 ± 55.610 χ^2/NDF : 23.0/29

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 191.664 $\pm$ 0.059 χ^2 /NDF: 989787.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 170.684 $\pm$ 0.053 χ^2 /NDF: 1532244.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

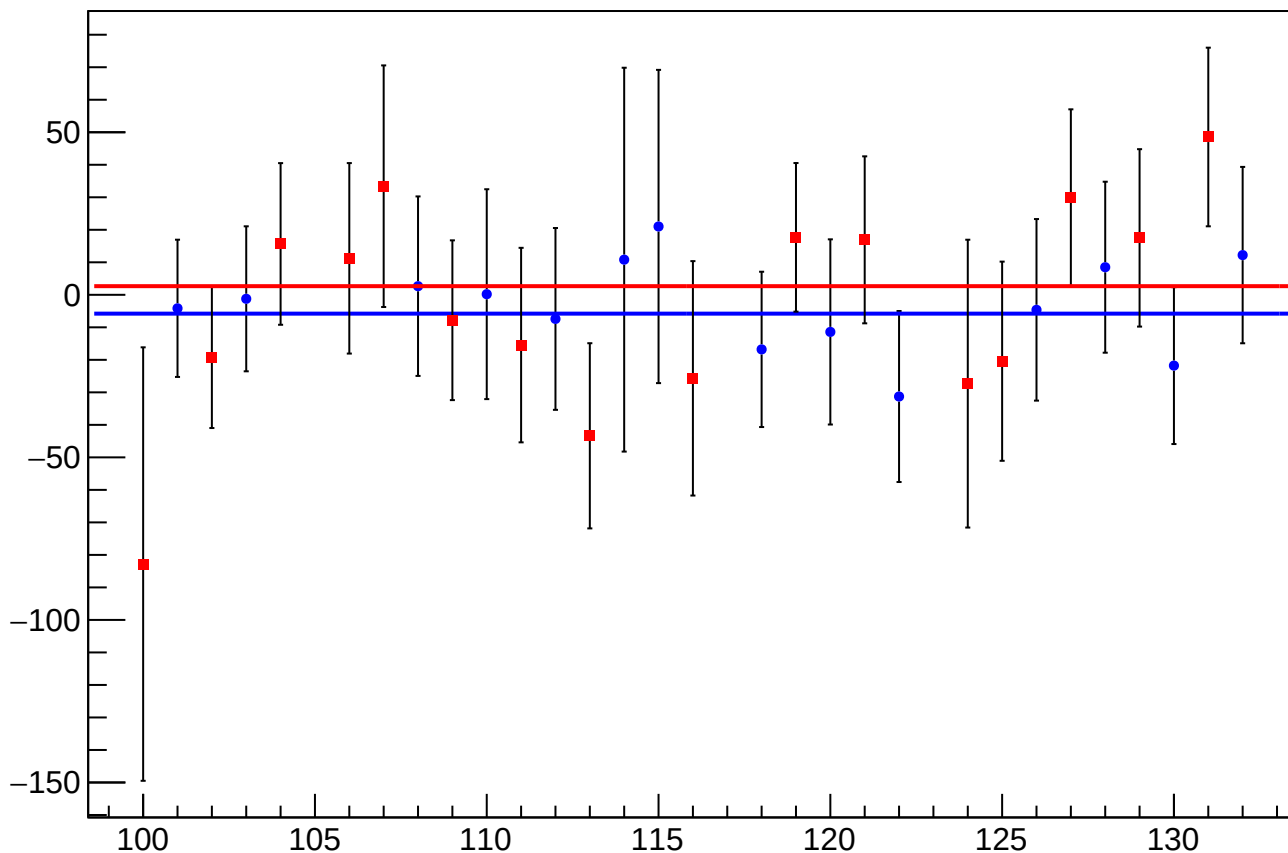
Right: 179.940 $\pm$ 0.039 χ^2 /NDF: 2592212.1/29

In: 191.664 $\pm$ 0.059 χ^2 /NDF: 989787.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 179.940 $\pm$ 0.039 χ^2 /NDF: 2592212.1/29

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -5.790+/-7.301 χ^2/NDF : 2.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.660+/-7.135 χ^2/NDF : 13.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

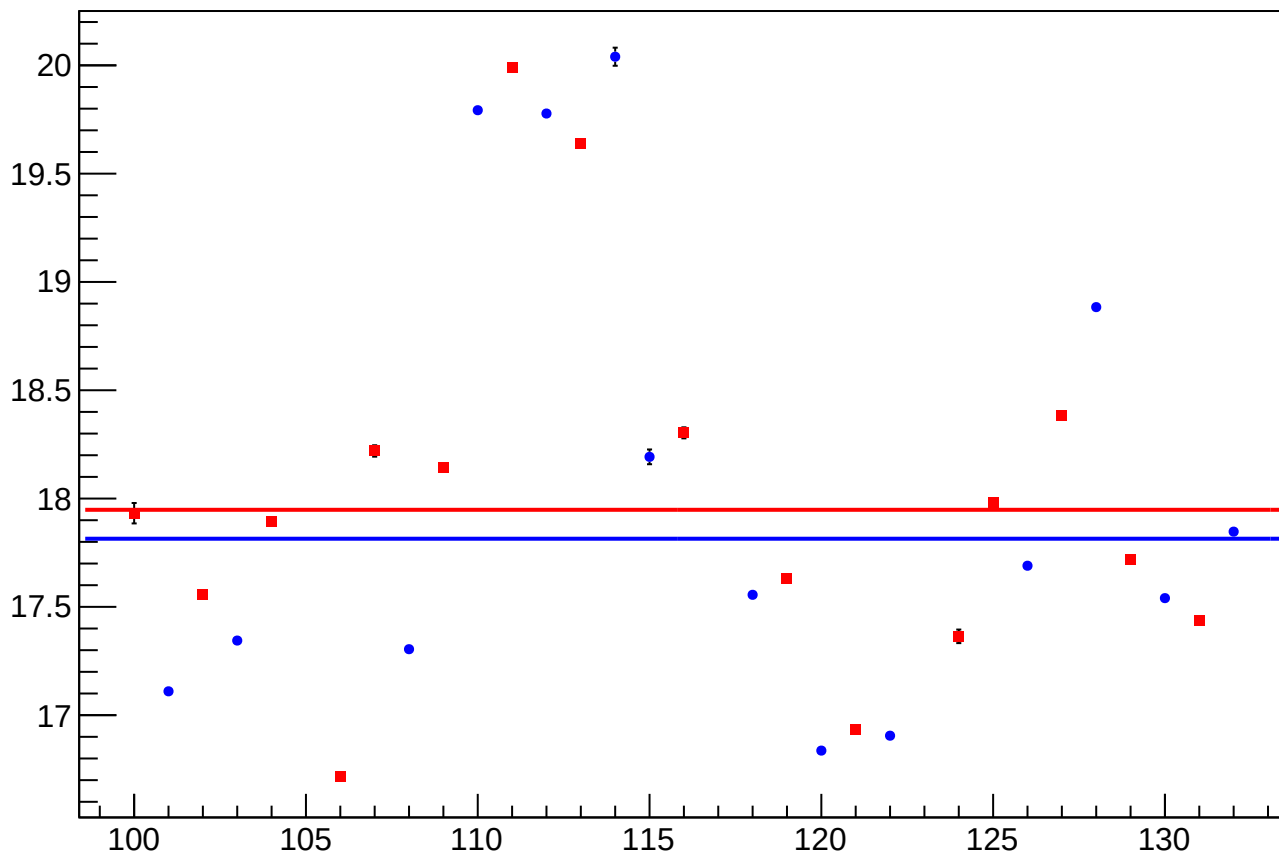
Right: -1.468+/-5.103 χ^2/NDF : 16.9/29

In: -5.790+/-7.301 χ^2/NDF : 2.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.468+/-5.103 χ^2/NDF : 16.9/29

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.815+/-0.005 χ^2/NDF : 32725.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.948+/-0.005 χ^2/NDF : 26170.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

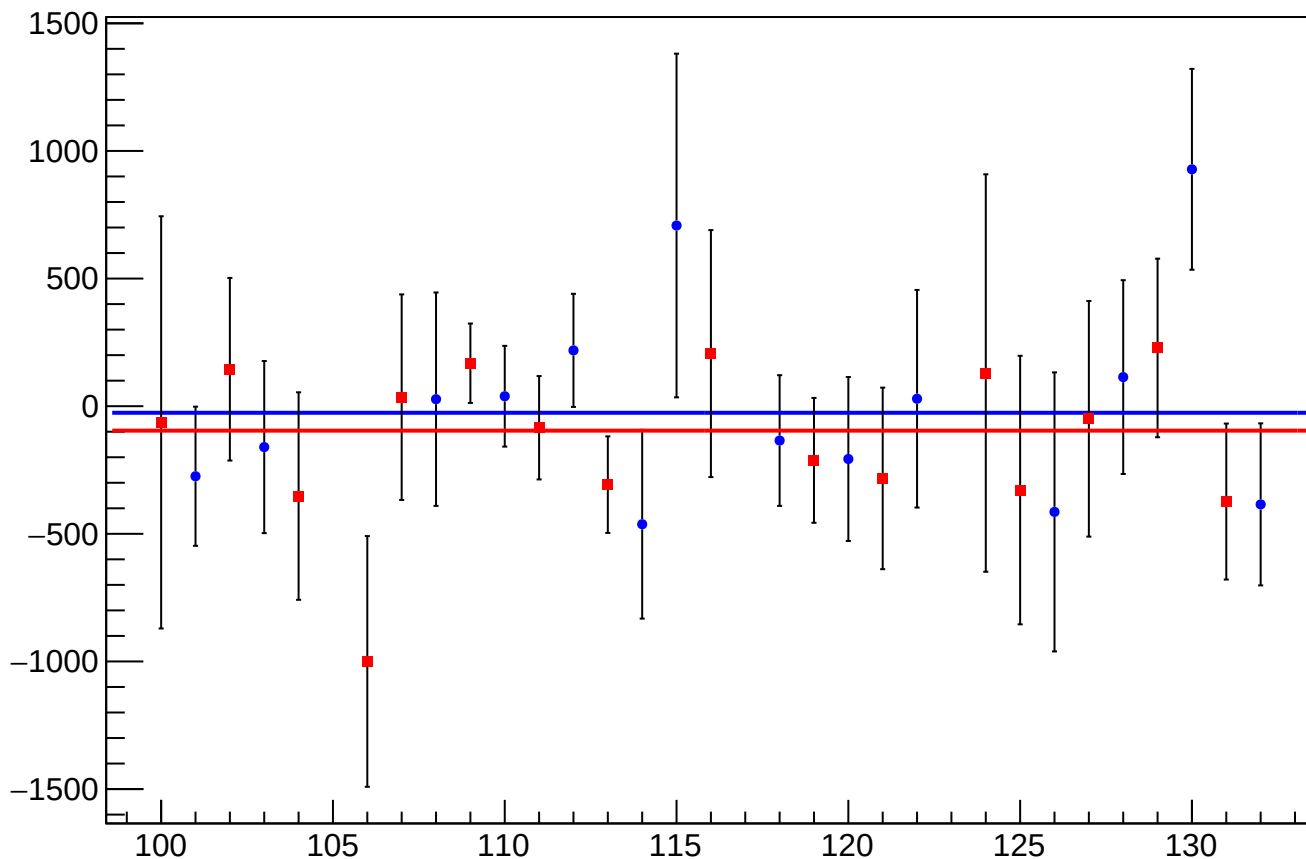
Right: 17.883+/-0.004 χ^2/NDF : 59238.5/29

In: 17.815+/-0.005 χ^2/NDF : 32725.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.883+/-0.004 χ^2/NDF : 59238.5/29

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -25.778 ± 84.312 χ^2/NDF : 13.2/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -95.735 ± 75.139 χ^2/NDF : 11.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

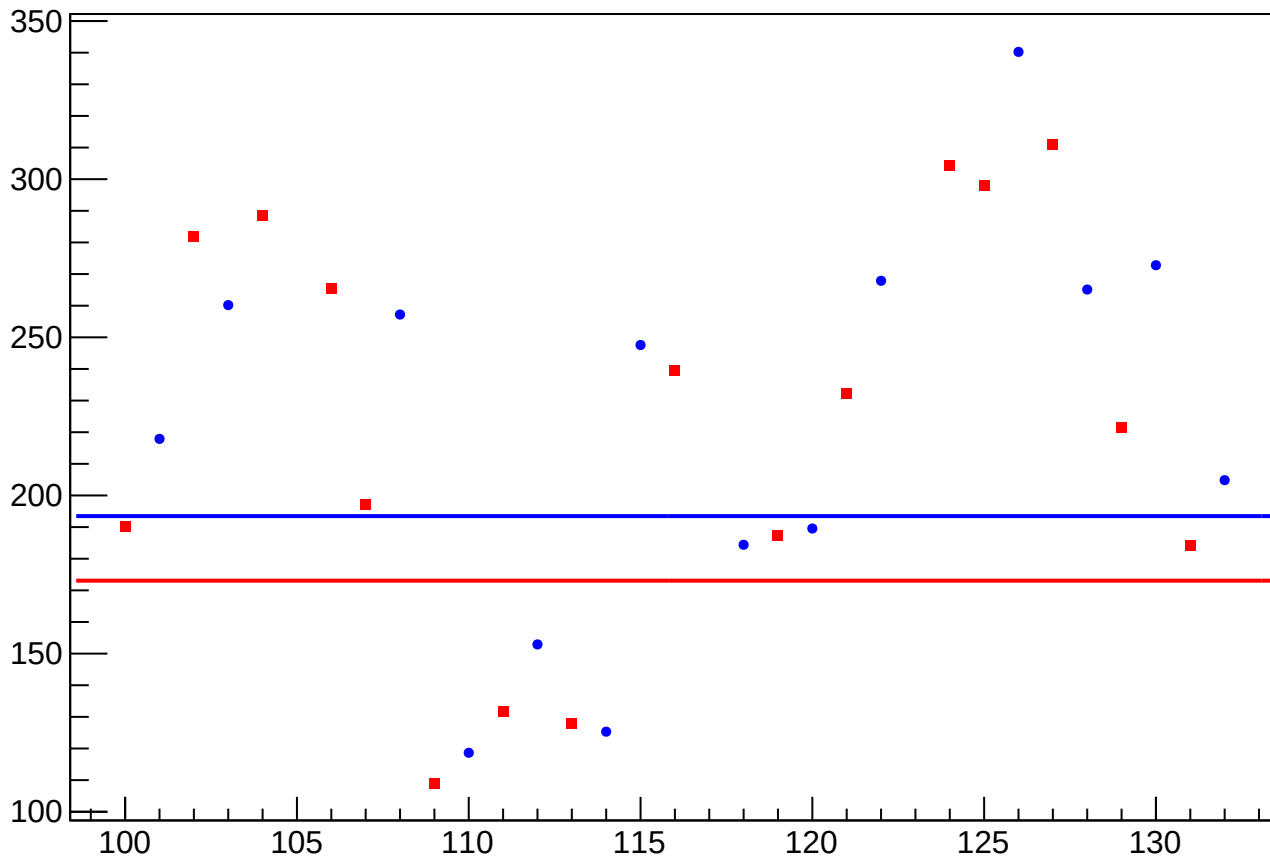
Right: -64.768 ± 56.095 χ^2/NDF : 25.0/29

In: -25.778 ± 84.312 χ^2/NDF : 13.2/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -64.768 ± 56.095 χ^2/NDF : 25.0/29

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 193.474+/-0.060 χ^2/NDF : 939271.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 173.060+/-0.053 χ^2/NDF : 1451325.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

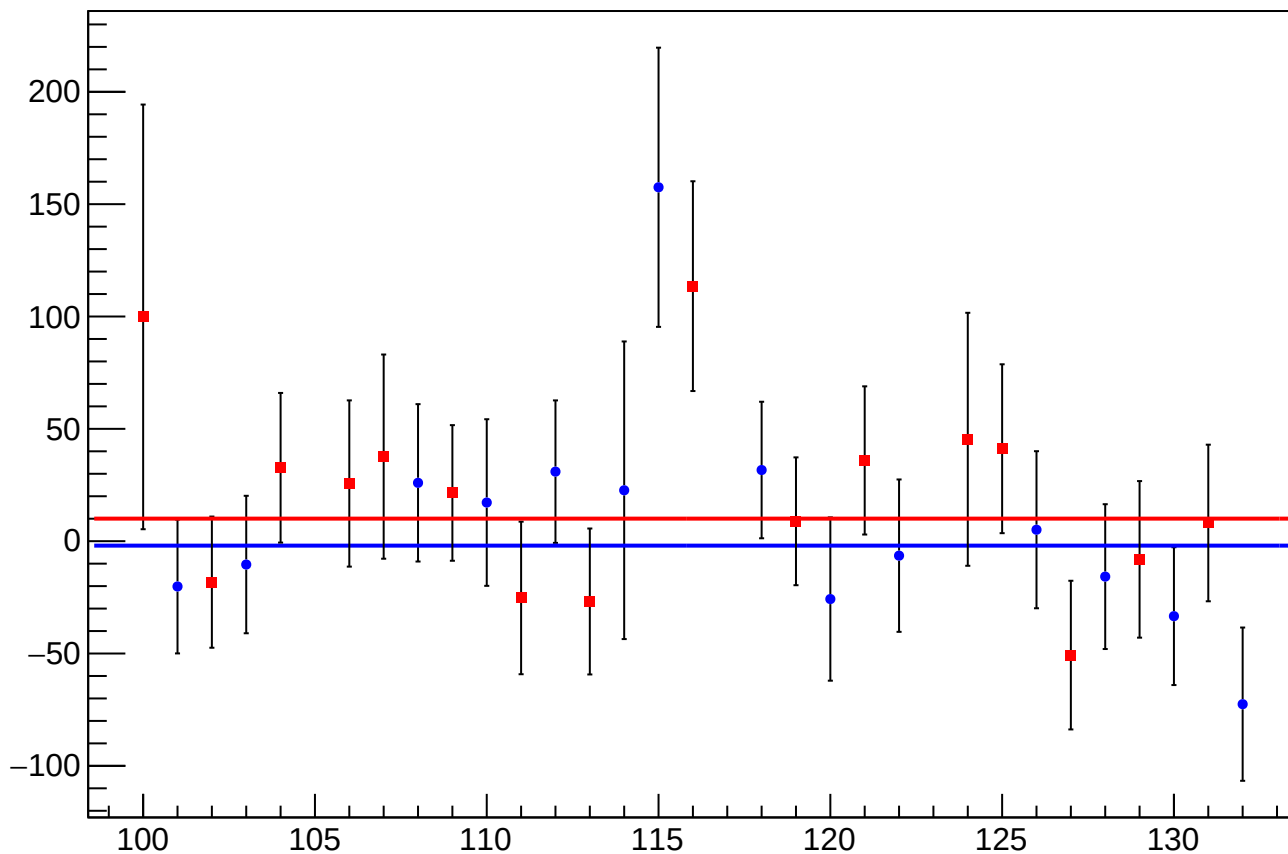
Right: 182.096+/-0.040 χ^2/NDF : 2455945.8/29

In: 193.474+/-0.060 χ^2/NDF : 939271.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.096+/-0.040 χ^2/NDF : 2455945.8/29

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -1.981 ± 9.272 χ^2/NDF : 16.4/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 10.037 ± 8.940 χ^2/NDF : 15.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

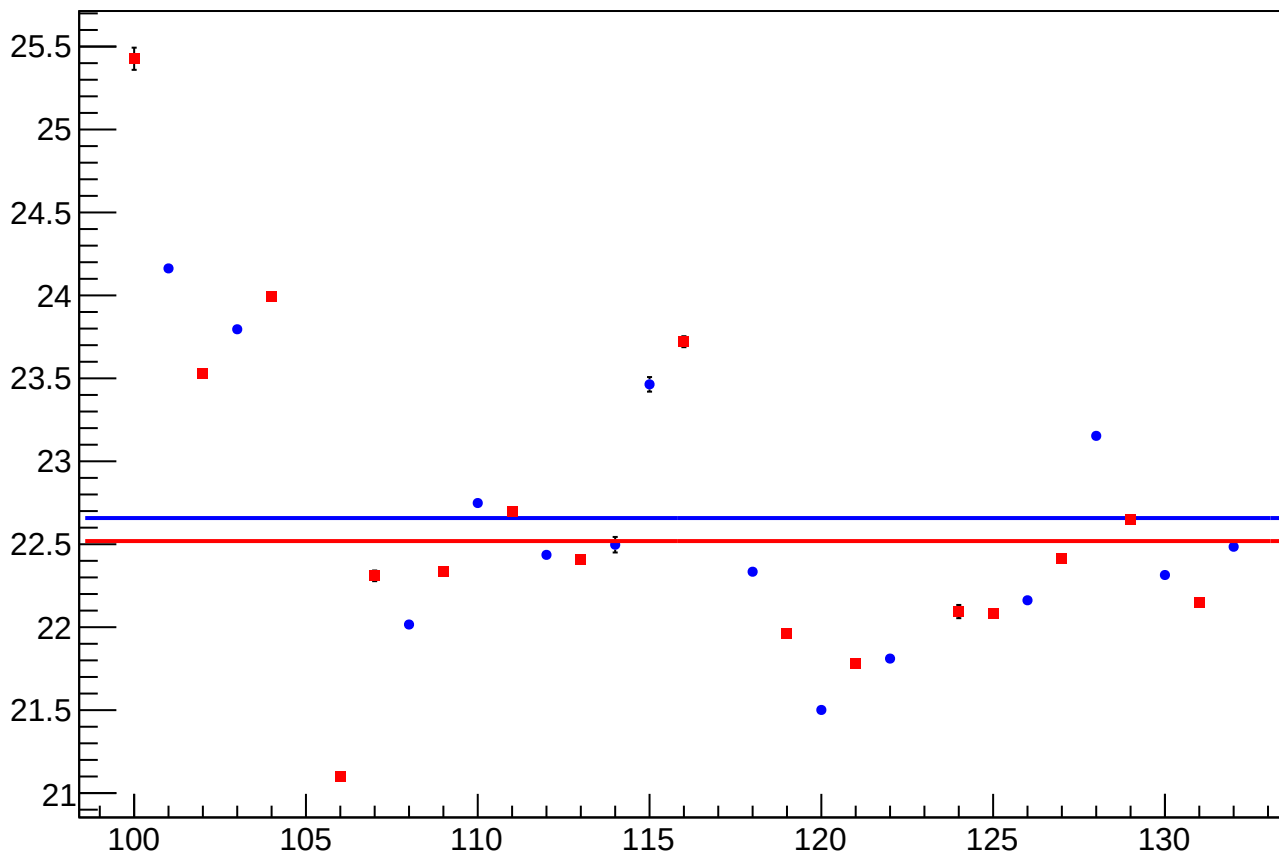
Right: 4.247 ± 6.435 χ^2/NDF : 32.9/29

In: -1.981 ± 9.272 χ^2/NDF : 16.4/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 4.247 ± 6.435 χ^2/NDF : 32.9/29

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.658+/-0.007 χ^2/NDF : 13675.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.519+/-0.006 χ^2/NDF : 15083.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

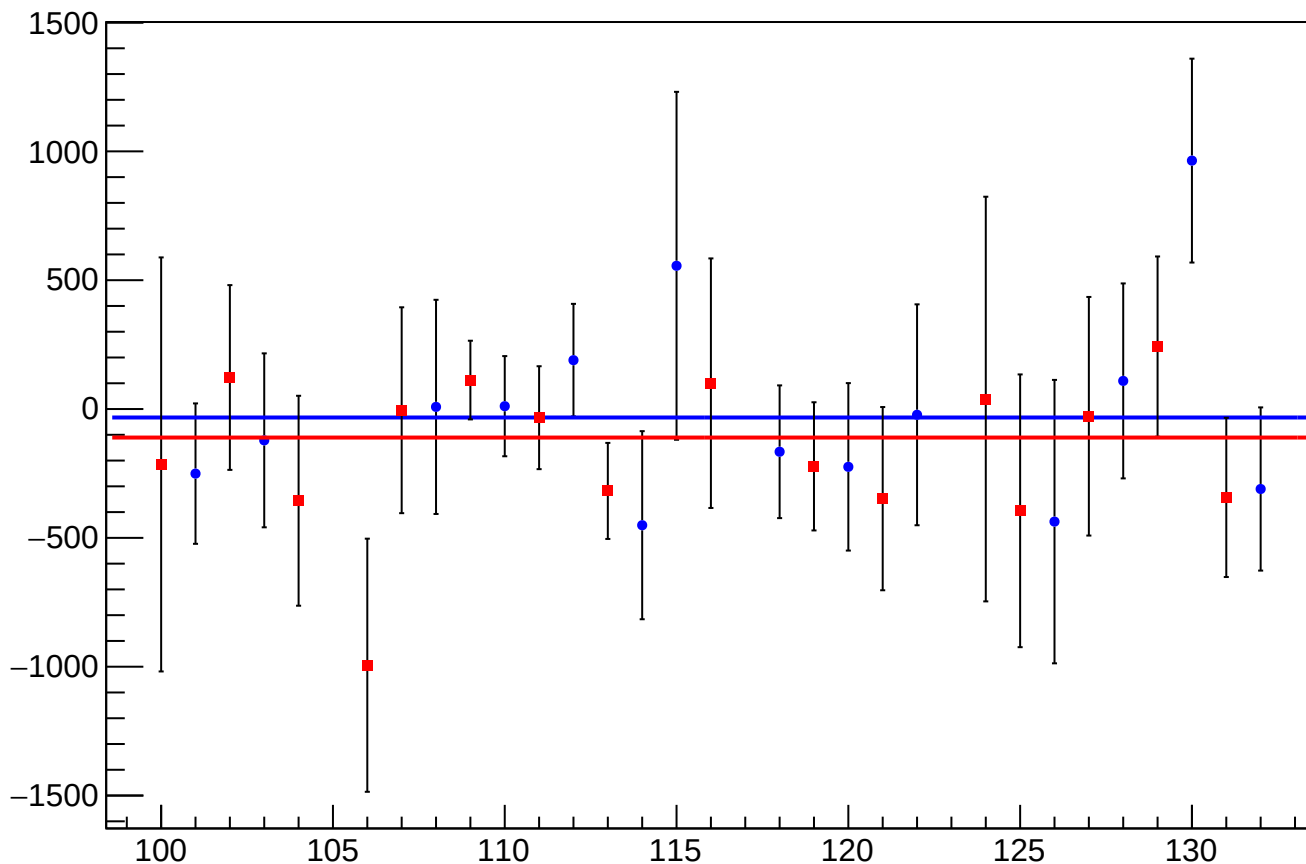
Right: 22.586+/-0.005 χ^2/NDF : 28991.3/29

In: 22.658+/-0.007 χ^2/NDF : 13675.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.586+/-0.005 χ^2/NDF : 28991.3/29

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -32.841 ± 83.978 $\chi^2/\text{NDF}: 12.3/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -110.681 ± 74.664 $\chi^2/\text{NDF}: 10.4/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

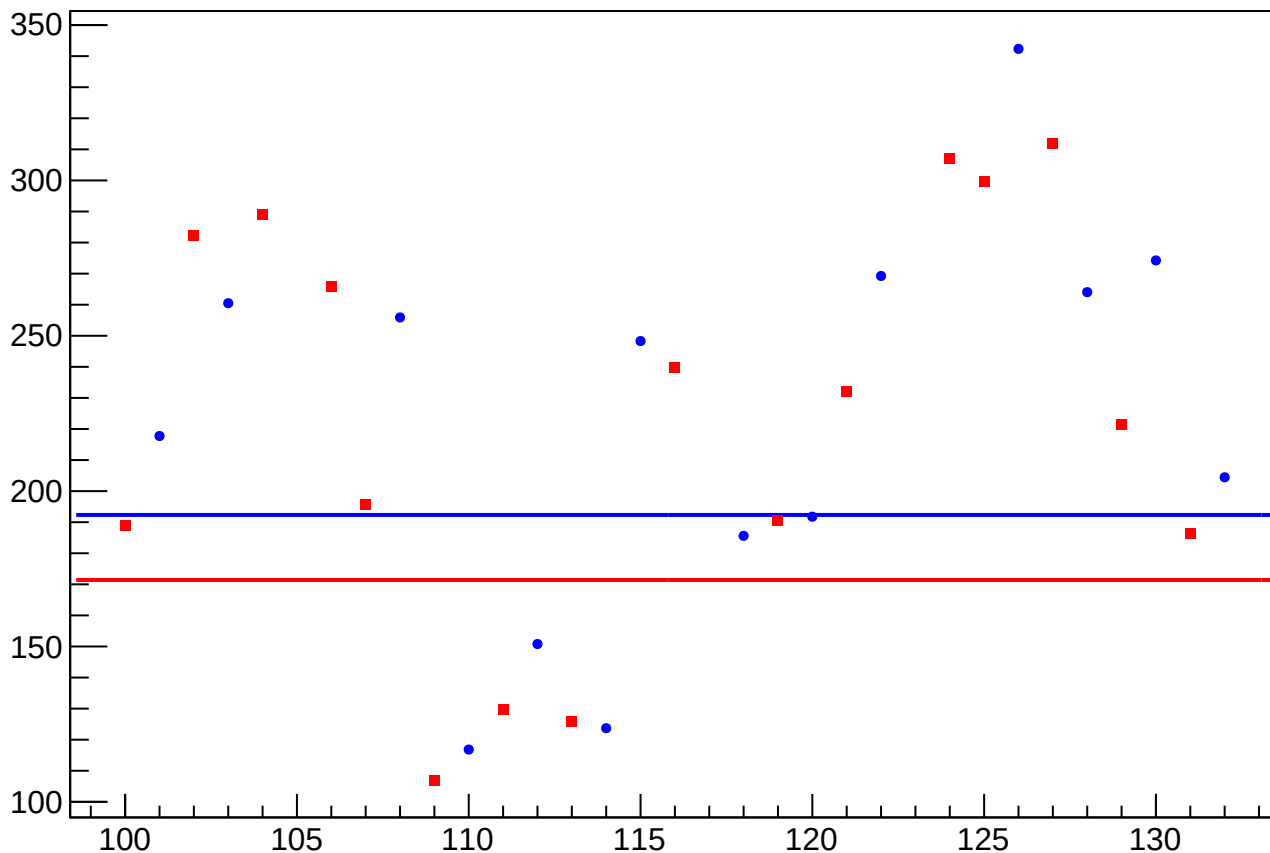
Right: -76.316 ± 55.799 $\chi^2/\text{NDF}: 23.2/29$

In: -32.841 ± 83.978 $\chi^2/\text{NDF}: 12.3/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -76.316 ± 55.799 $\chi^2/\text{NDF}: 23.2/29$

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 192.336+/-0.059 χ^2/NDF : 979378.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 171.409+/-0.053 χ^2/NDF : 1520520.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

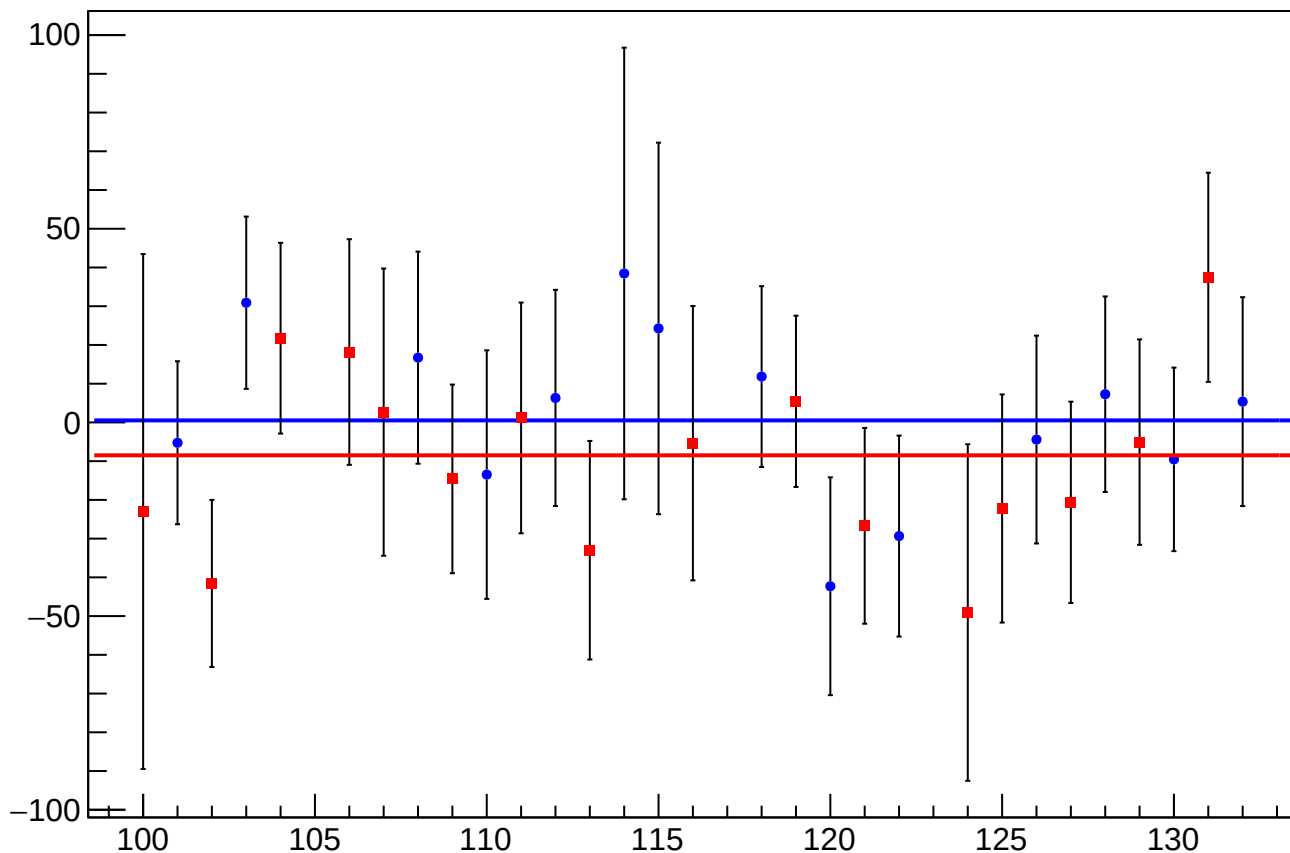
Right: 180.648+/-0.039 χ^2/NDF : 2569267.4/29

In: 192.336+/-0.059 χ^2/NDF :979378.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 180.648+/-0.039 χ^2/NDF : 2569267.4/29

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.524+/-7.198 χ^2/NDF : 7.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.493+/-7.007 χ^2/NDF : 10.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

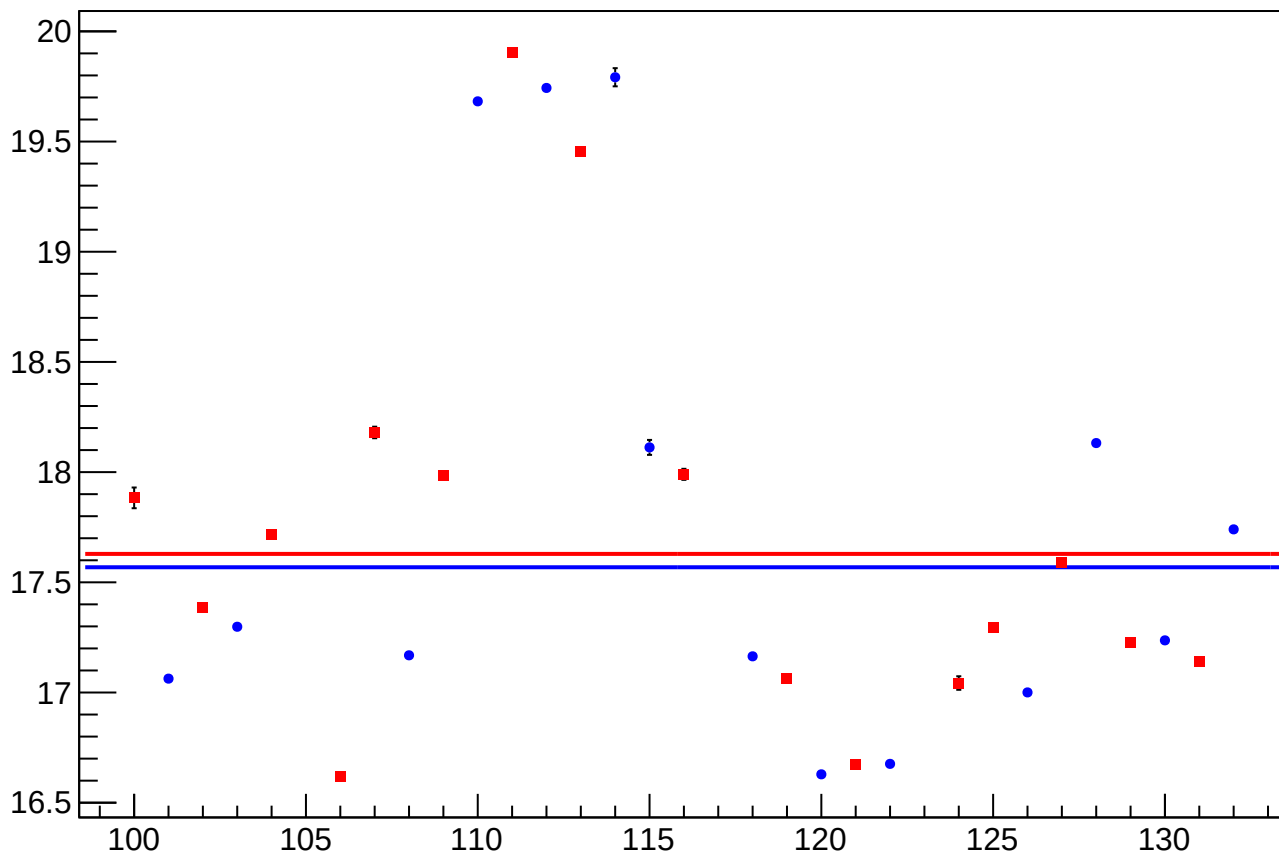
Right: -4.106+/-5.021 χ^2/NDF : 19.1/29

In: 0.524+/-7.198 χ^2/NDF : 7.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.106+/-5.021 χ^2/NDF : 19.1/29

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.568+/-0.005 χ^2/NDF : 33427.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.629+/-0.005 χ^2/NDF : 29735.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

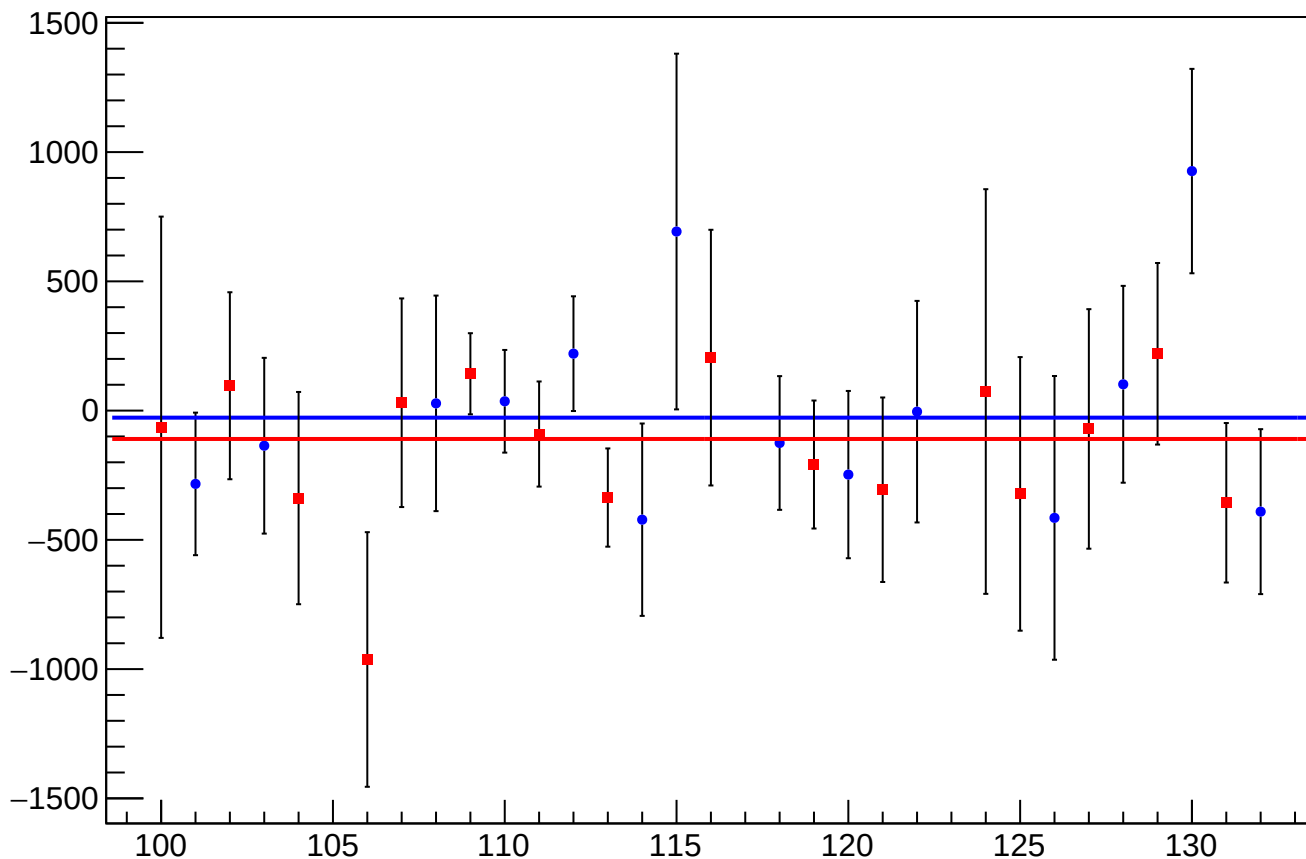
Right: 17.599+/-0.004 χ^2/NDF : 63236.1/29

In: 17.568+/-0.005 χ^2/NDF : 33427.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.599+/-0.004 χ^2/NDF : 63236.1/29

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -27.274+/-84.833 χ^2/NDF : 12.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -109.746+/-75.680 χ^2/NDF : 10.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

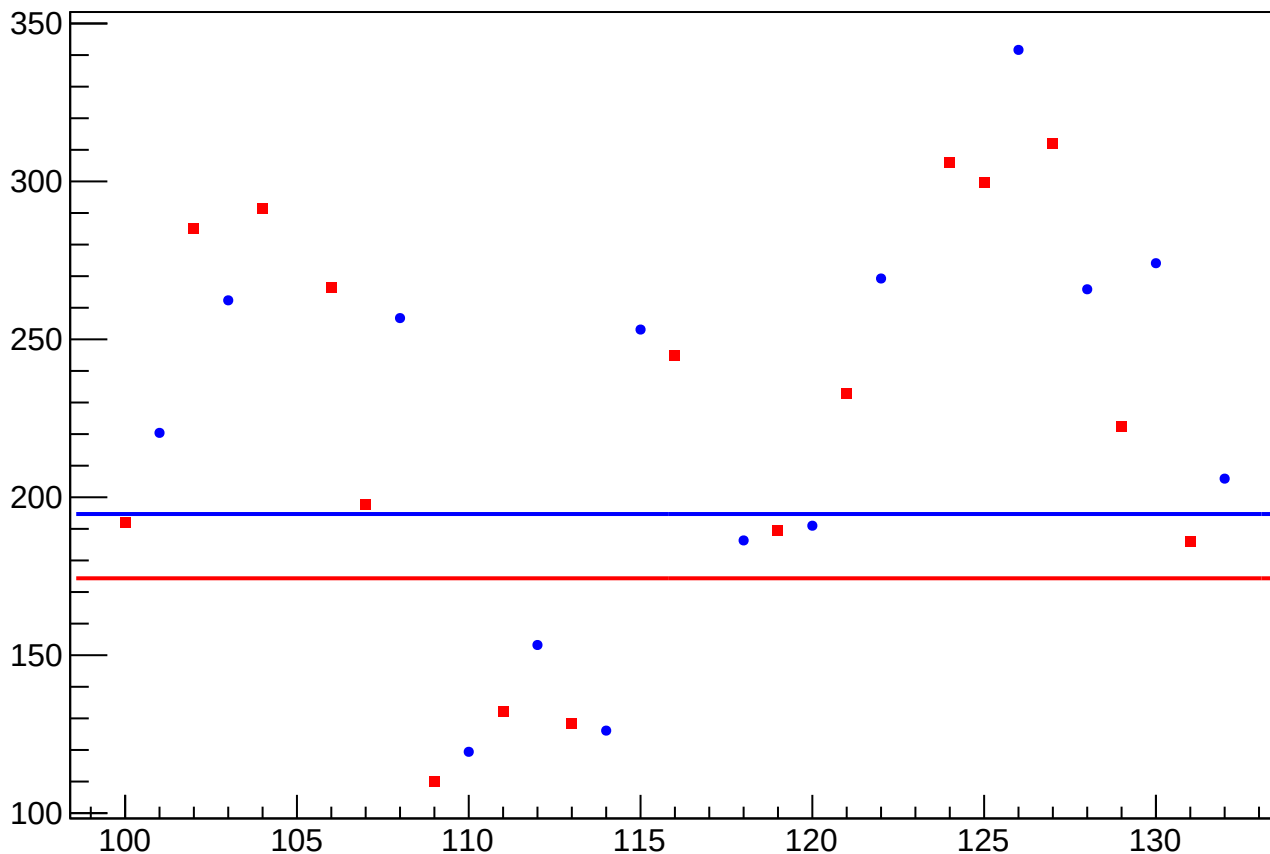
Right: -73.197+/-56.474 χ^2/NDF : 23.8/29

In: -27.274+/-84.833 χ^2/NDF : 12.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -73.197+/-56.474 χ^2/NDF : 23.8/29

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 194.698+/-0.060 χ^2/NDF : 939772.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.350+/-0.054 χ^2/NDF : 1453801.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

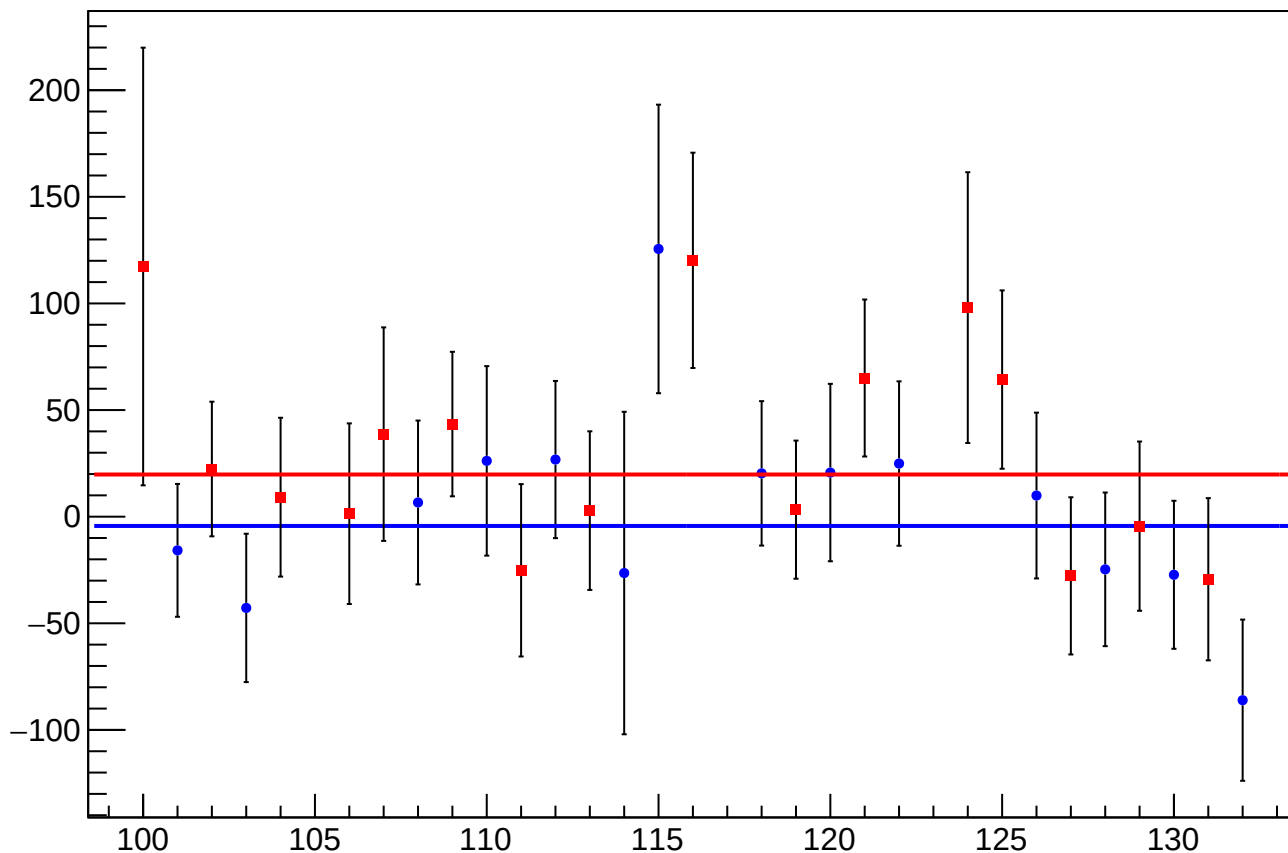
Right: 183.368+/-0.040 χ^2/NDF : 2457644.2/29

In: 194.698+/-0.060 χ^2/NDF : 939772.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.368+/-0.040 χ^2/NDF : 2457644.2/29

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.350 ± 10.394 $\chi^2/\text{NDF}: 13.4/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 19.774 ± 10.026 $\chi^2/\text{NDF}: 15.3/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

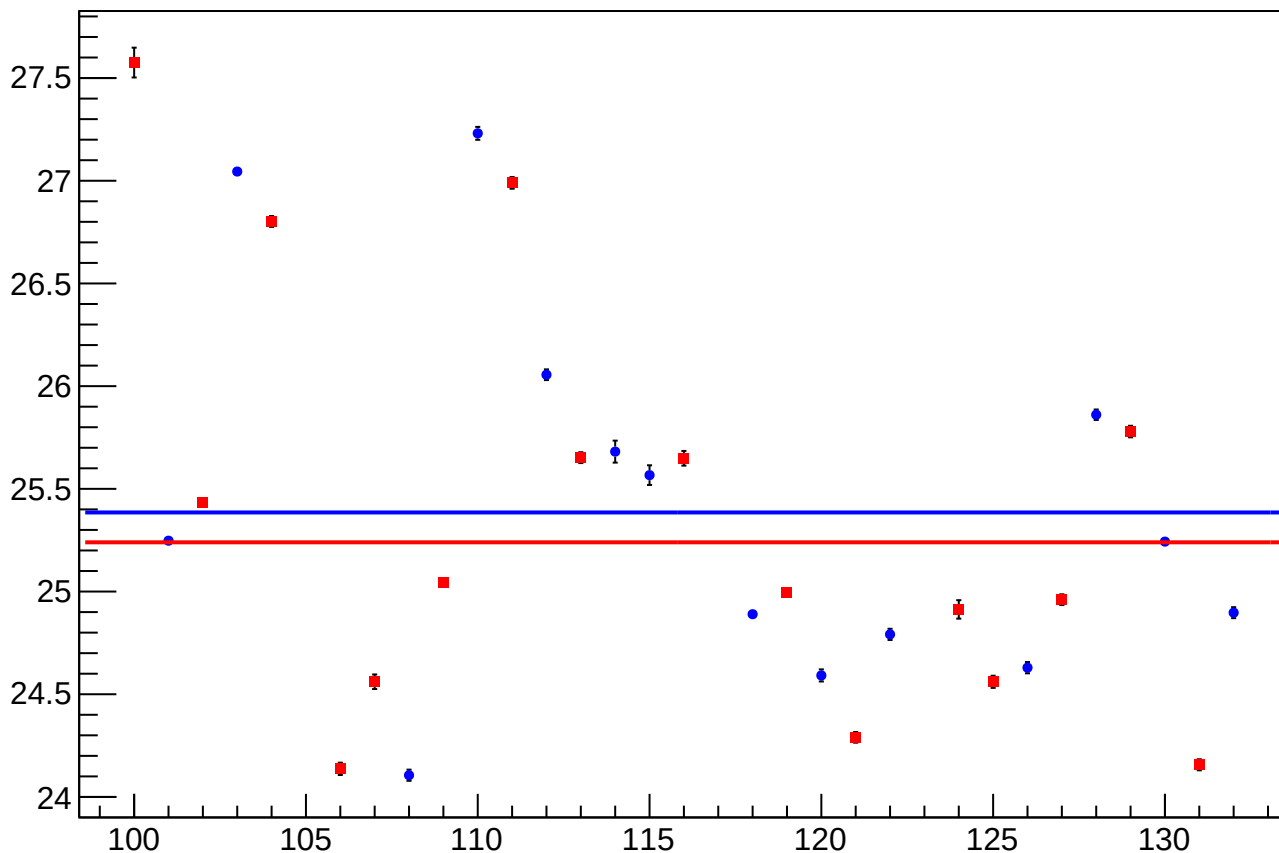
Right: 8.147 ± 7.216 $\chi^2/\text{NDF}: 31.6/29$

In: -4.350 ± 10.394 $\chi^2/\text{NDF}: 13.4/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 8.147 ± 7.216 $\chi^2/\text{NDF}: 31.6/29$

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.385 ± 0.007 $\chi^2/\text{NDF}: 14068.0/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 25.240 ± 0.007 $\chi^2/\text{NDF}: 14678.3/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

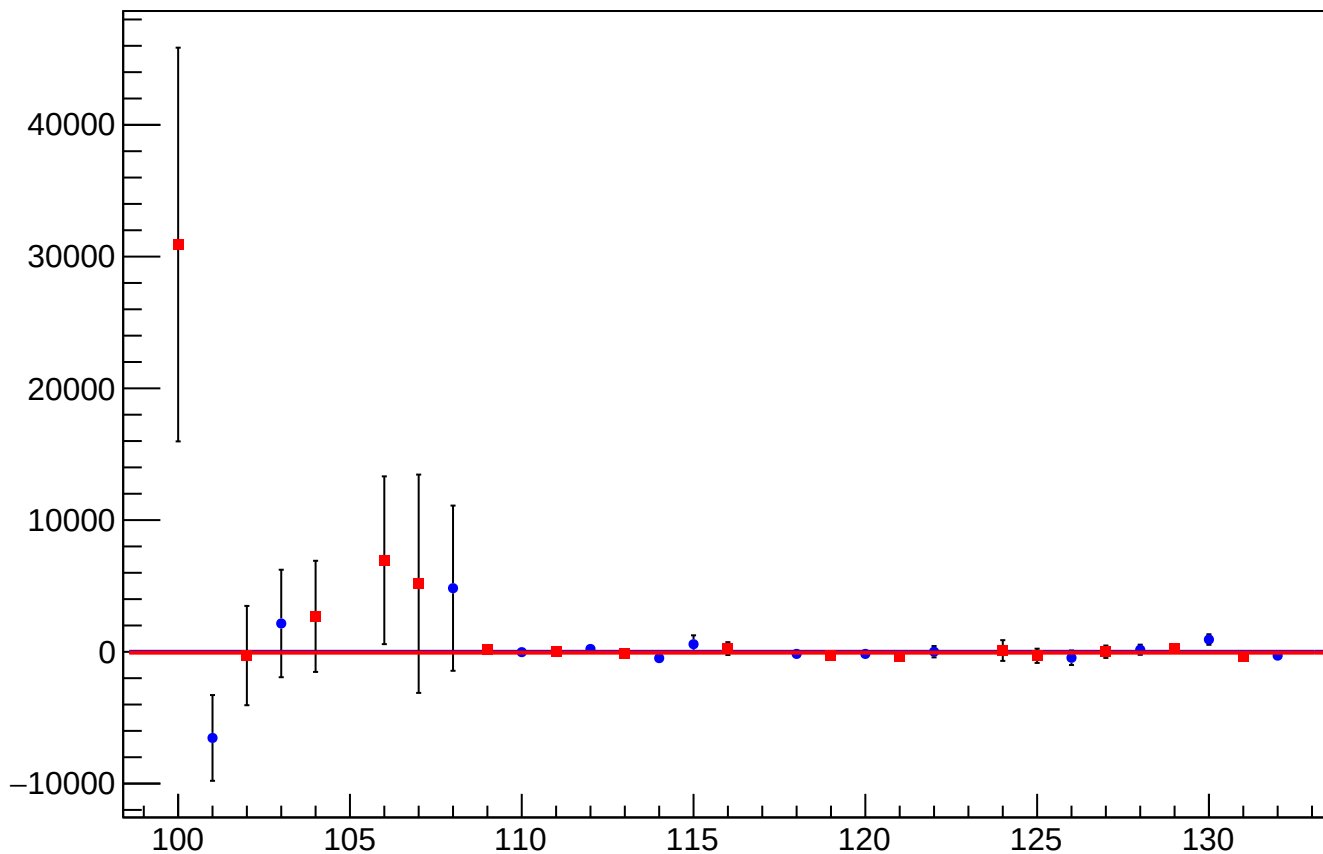
Right: 25.310 ± 0.005 $\chi^2/\text{NDF}: 28949.0/29$

In: 25.385 ± 0.007 $\chi^2/\text{NDF}: 14068.0/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 25.310 ± 0.005 $\chi^2/\text{NDF}: 28949.0/29$

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 1.434+/-94.265 χ^2/NDF : 16.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -61.473+/-87.061 χ^2/NDF : 11.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

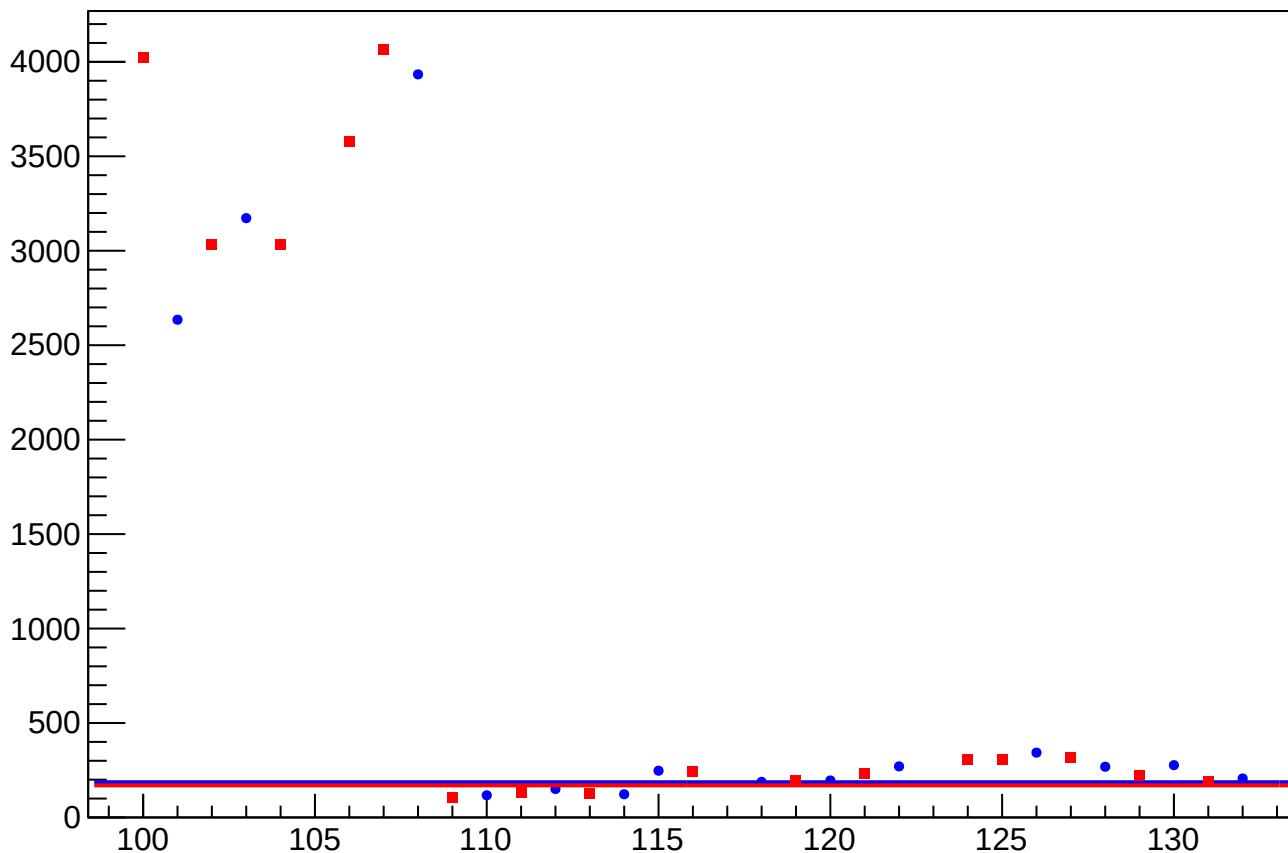
Right: -32.515+/-63.957 χ^2/NDF : 28.2/29

In: 1.434+/-94.265 χ^2/NDF : 16.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.515+/-63.957 χ^2/NDF : 28.2/29

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 186.367+/-0.067 χ^2/NDF : 3741786.3/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 169.859+/-0.062 χ^2/NDF : 4158303.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

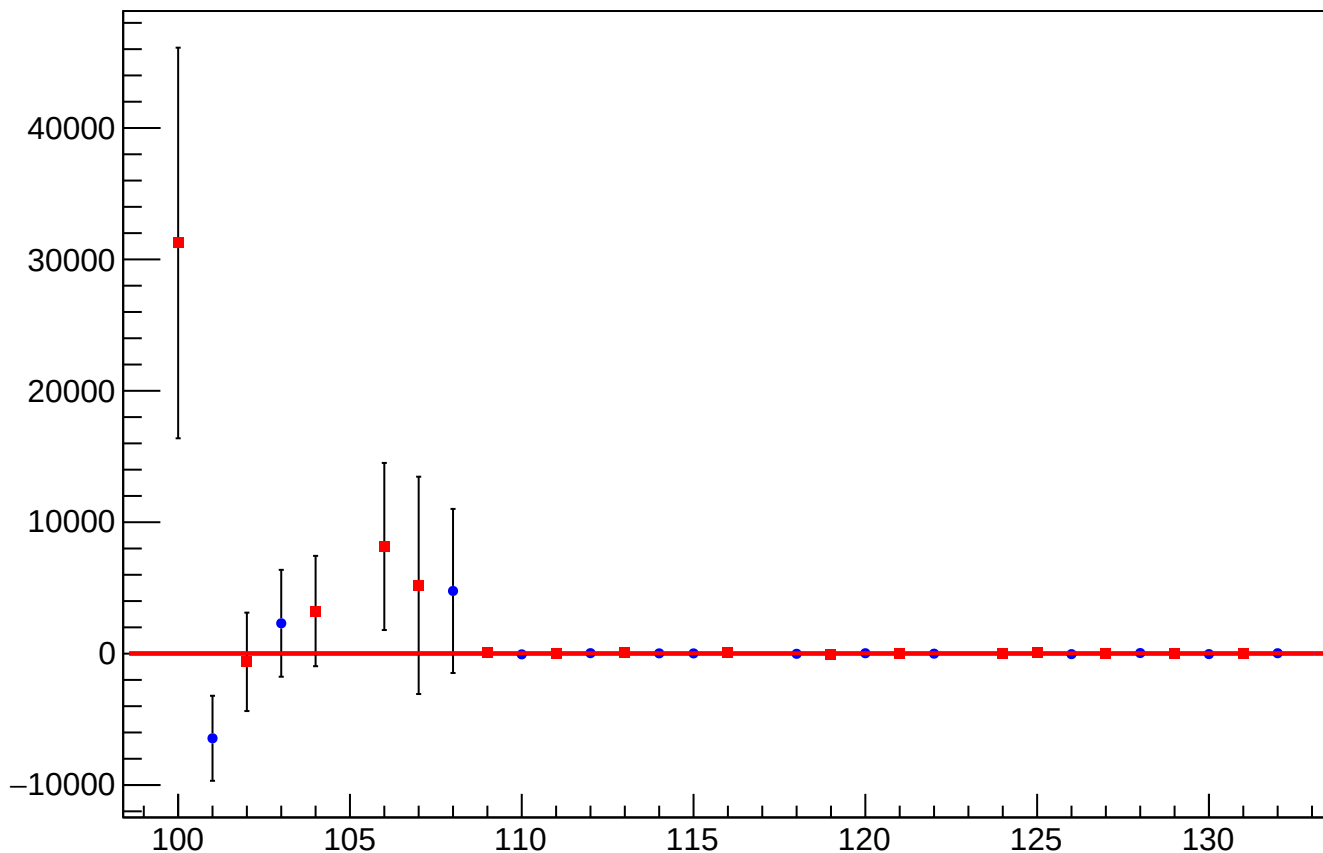
Right: 177.459+/-0.045 χ^2/NDF : 7933191.0/29

In: 186.367+/-0.067 χ^2/NDF :3741786.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 177.459+/-0.045 χ^2/NDF : 7933191.0/29

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.594+/-13.347 χ^2/NDF : 11.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.458+/-13.397 χ^2/NDF : 20.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

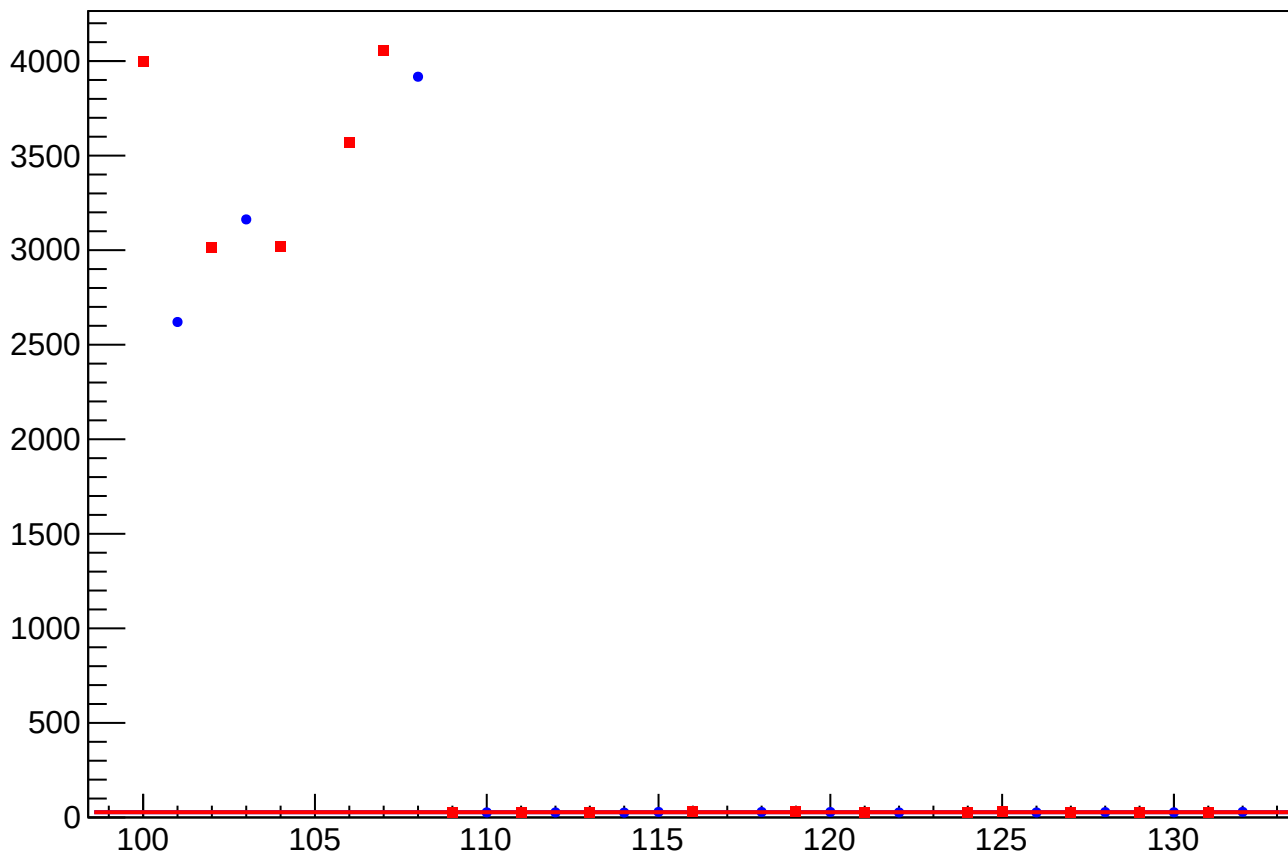
Right: 14.973+/-9.455 χ^2/NDF : 34.2/29

In: 0.594+/-13.347 χ^2/NDF : 11.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.973+/-9.455 χ^2/NDF : 34.2/29

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.775+/-0.009 χ^2/NDF : 3264005.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.706+/-0.009 χ^2/NDF : 3552465.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

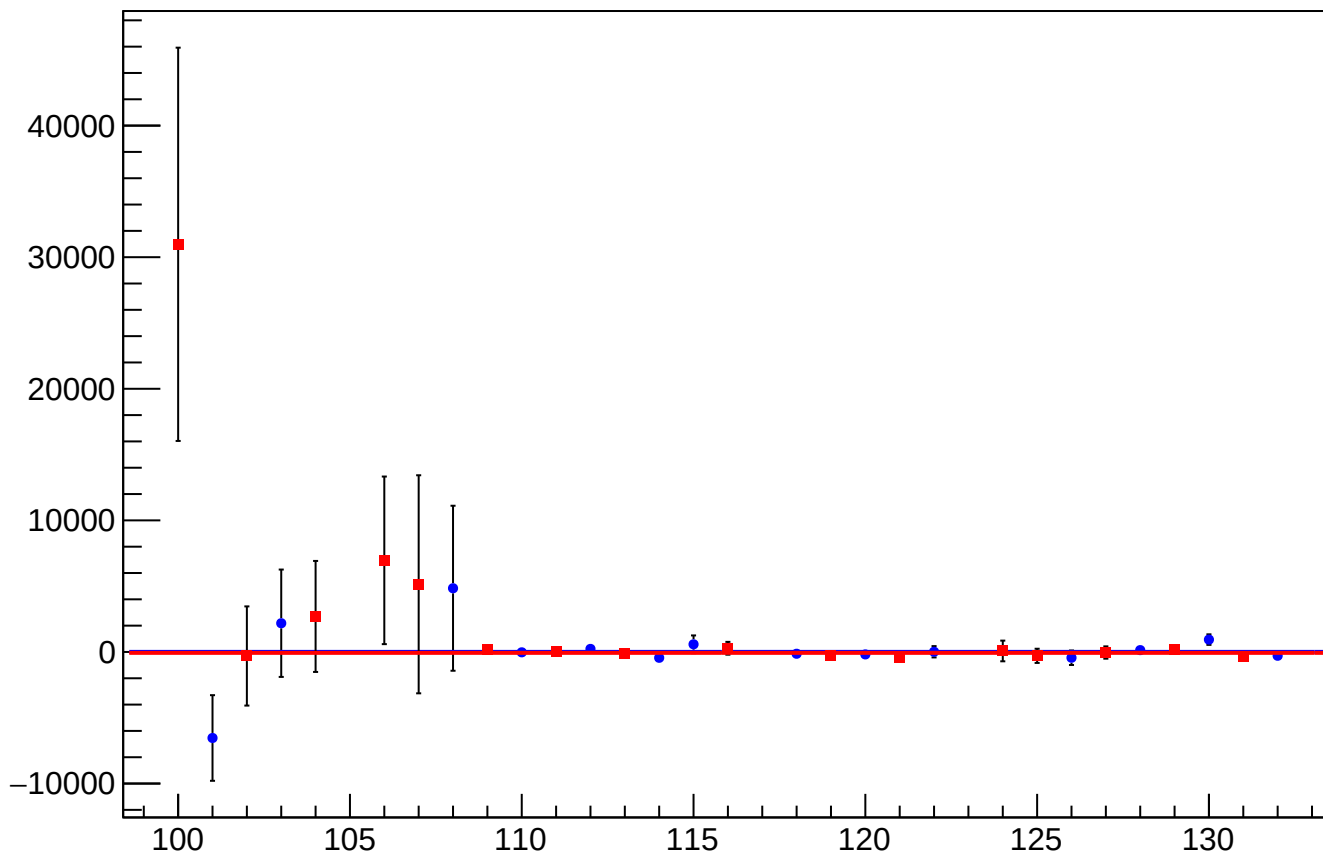
Right: 27.741+/-0.007 χ^2/NDF : 6816497.0/29

In: 27.775+/-0.009 χ^2/NDF : 3264005.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.741+/-0.007 χ^2/NDF : 6816497.0/29

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 5.153+/-93.981 χ^2/NDF : 16.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -67.507+/-86.760 χ^2/NDF : 12.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

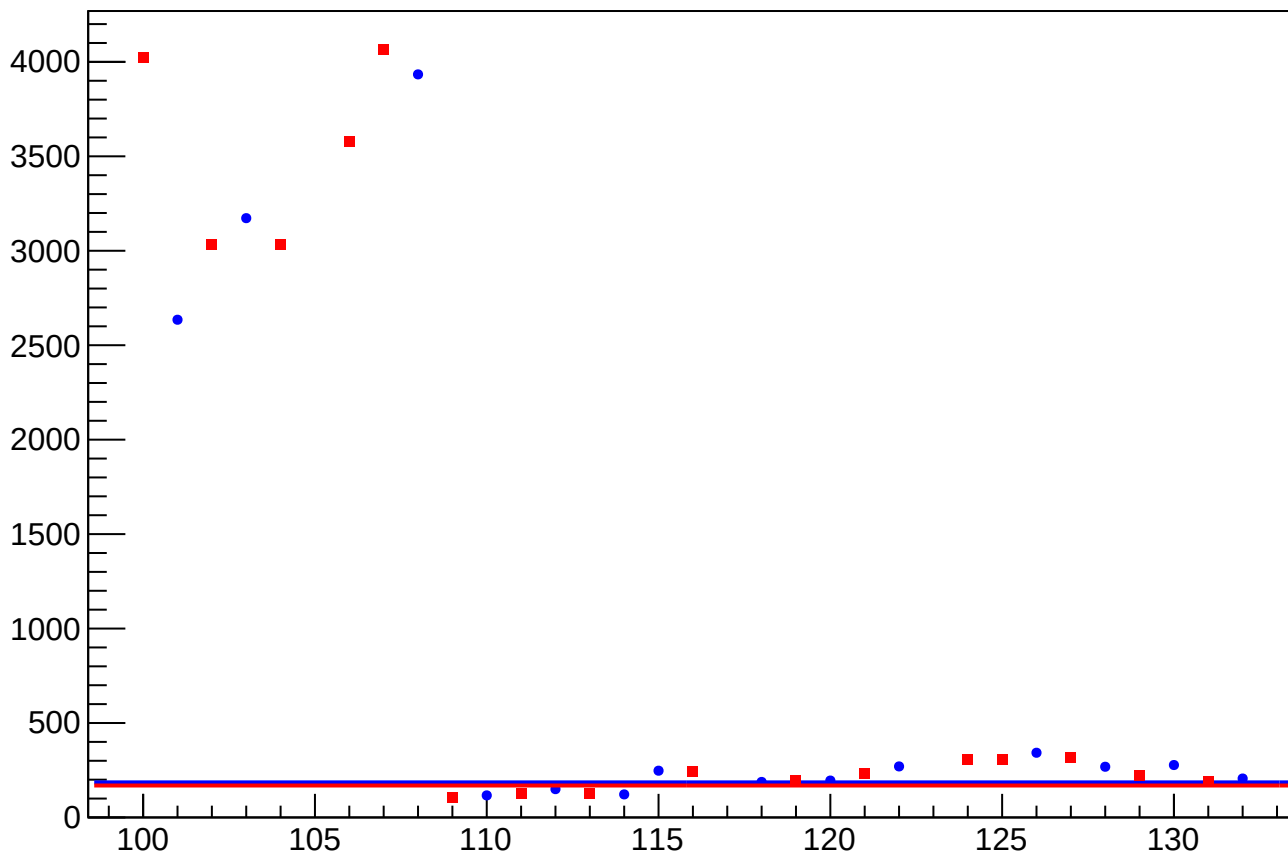
Right: -34.075+/-63.749 χ^2/NDF : 28.3/29

In: 5.153+/-93.981 χ^2/NDF : 16.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.075+/-63.749 χ^2/NDF : 28.3/29

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 185.676+/-0.066 χ^2/NDF : 3753244.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 169.140+/-0.061 χ^2/NDF : 4169787.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

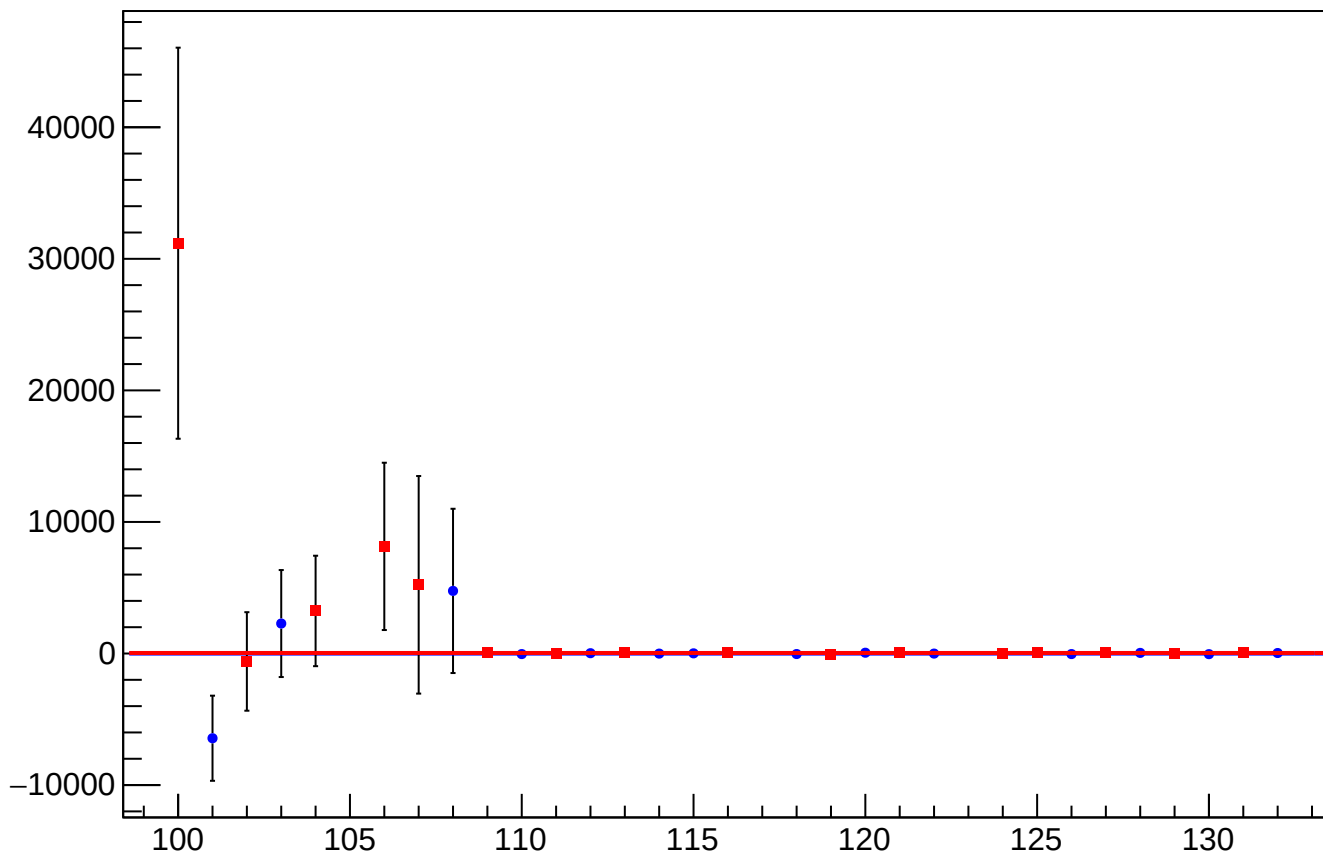
Right: 176.748+/-0.045 χ^2/NDF : 7956456.9/29

In: 185.676+/-0.066 χ^2/NDF :3753244.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 176.748+/-0.045 χ^2/NDF : 7956456.9/29

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -3.431+/-13.436 χ^2/NDF : 13.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.568+/-13.522 χ^2/NDF : 16.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

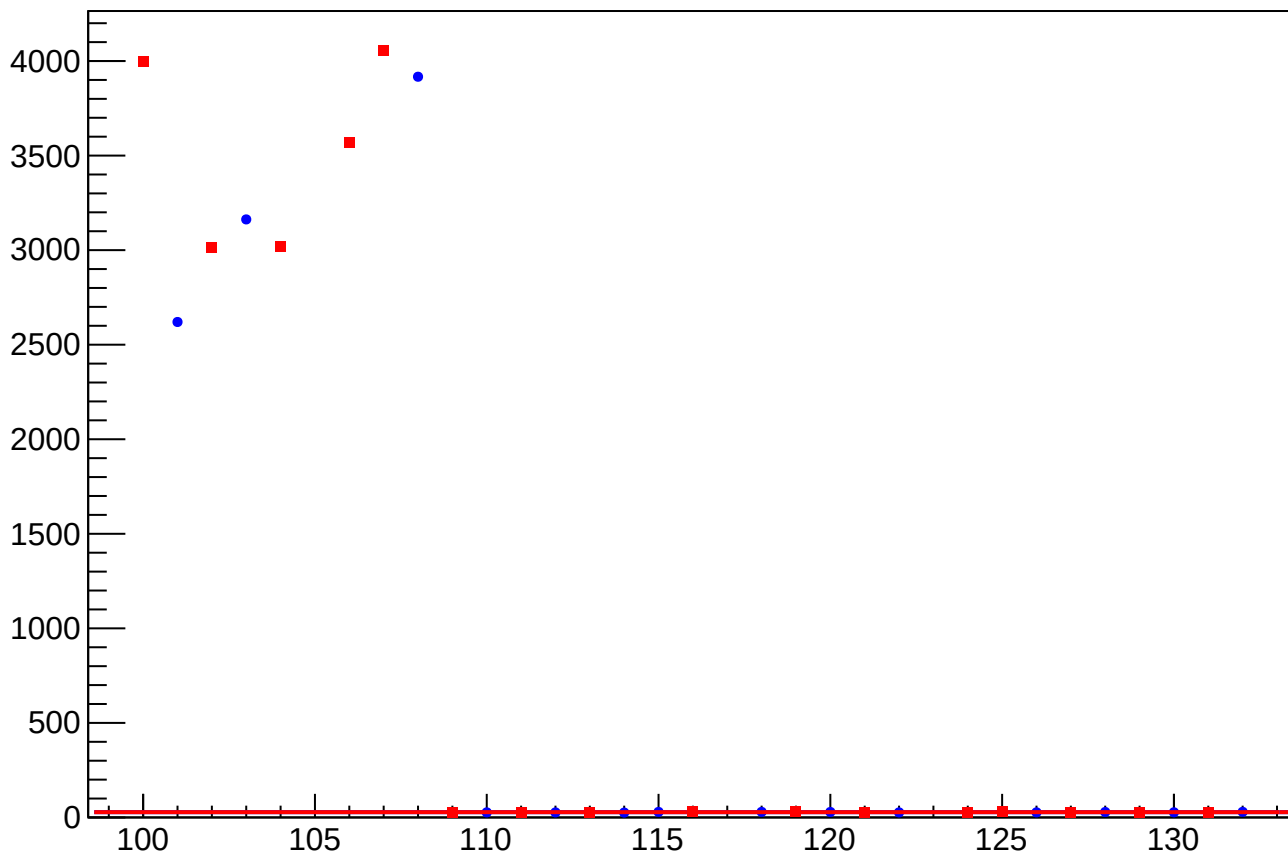
Right: 18.428+/-9.531 χ^2/NDF : 35.5/29

In: -3.431+/-13.436 χ^2/NDF : 13.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.428+/-9.531 χ^2/NDF : 35.5/29

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.956+/-0.010 χ^2/NDF : 3264492.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.960+/-0.010 χ^2/NDF : 3555203.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

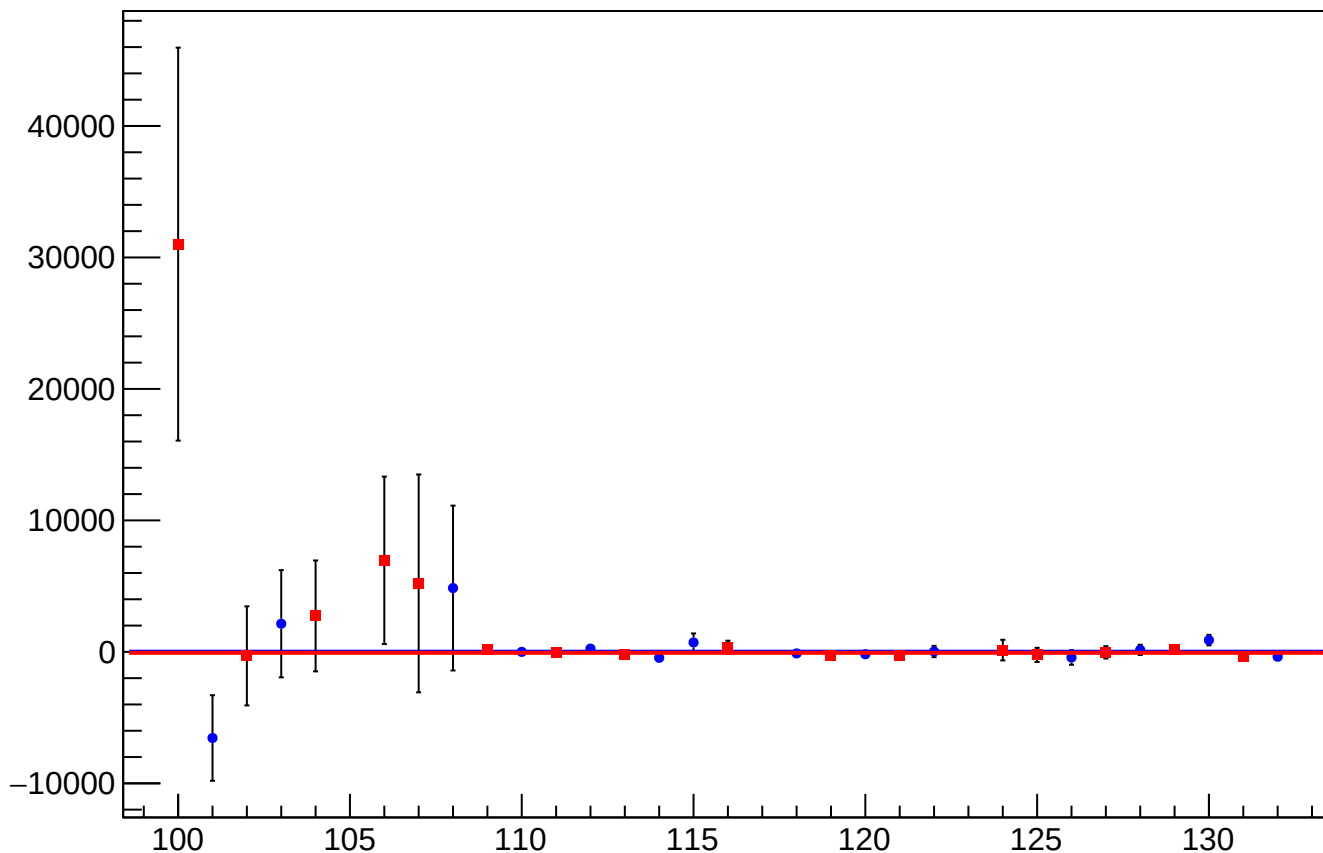
Right: 27.958+/-0.007 χ^2/NDF : 6819695.6/29

In: 27.956+/-0.010 χ^2/NDF : 3264492.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.958+/-0.007 χ^2/NDF : 6819695.6/29

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 12.042+/-95.156 χ^2/NDF : 16.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -71.396+/-87.983 χ^2/NDF : 11.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

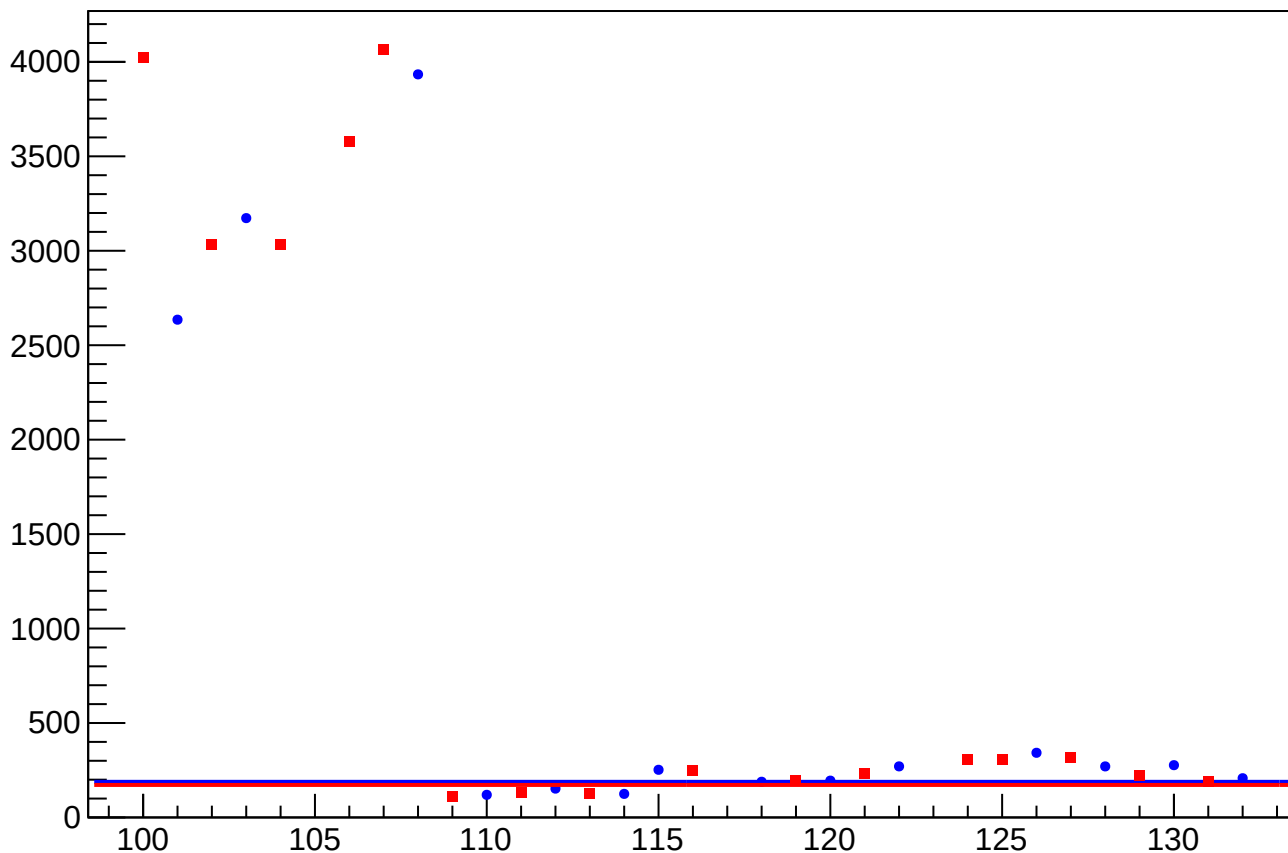
Right: -32.940+/-64.601 χ^2/NDF : 28.6/29

In: 12.042+/-95.156 χ^2/NDF : 16.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.940+/-64.601 χ^2/NDF : 28.6/29

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 188.590+/-0.067 χ^2/NDF : 3706202.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 172.176+/-0.062 χ^2/NDF : 4116013.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

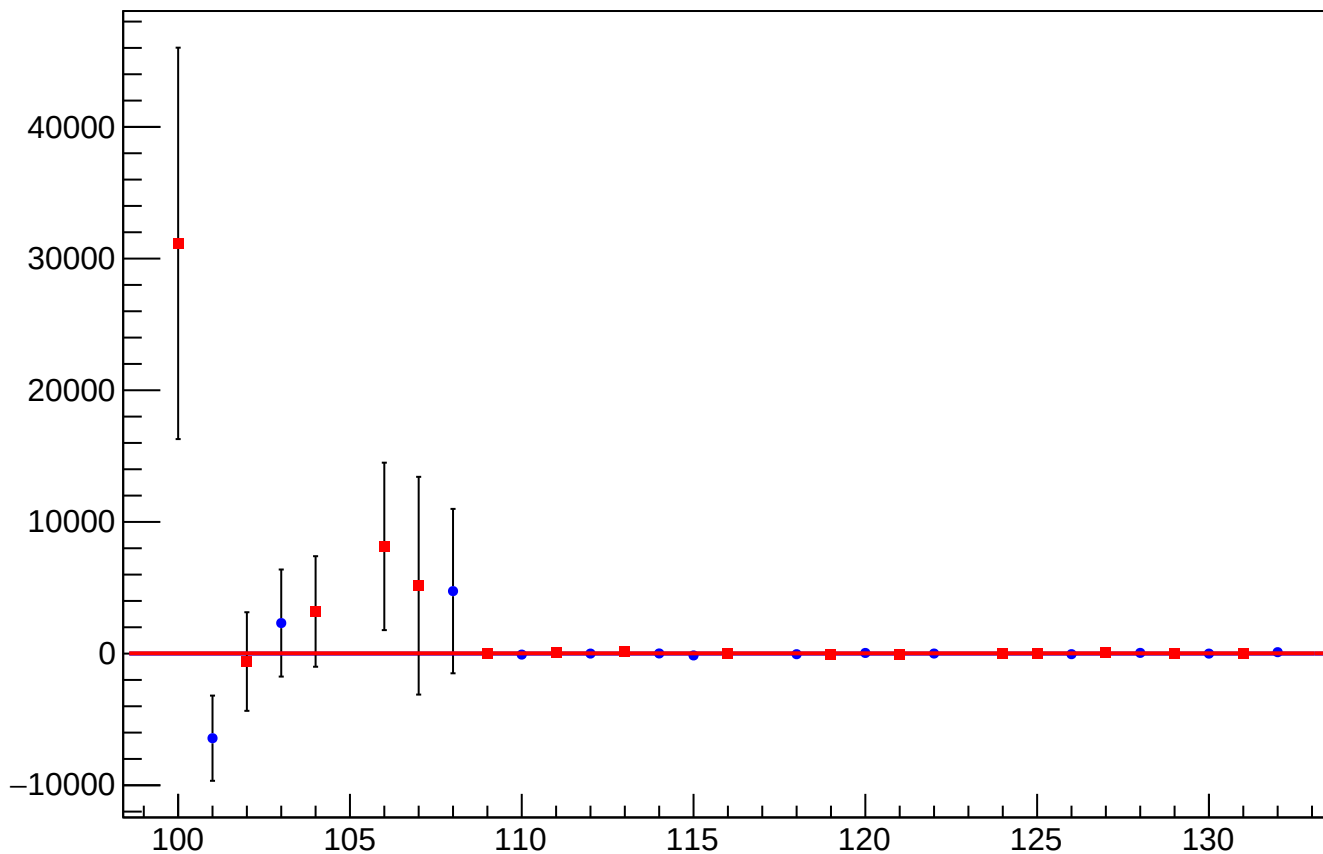
Right: 179.741+/-0.046 χ^2/NDF : 7854299.5/29

In: 188.590+/-0.067 χ^2/NDF :3706202.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 179.741+/-0.046 χ^2/NDF : 7854299.5/29

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -0.149+/-16.341 χ^2/NDF : 16.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.398+/-16.340 χ^2/NDF : 21.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

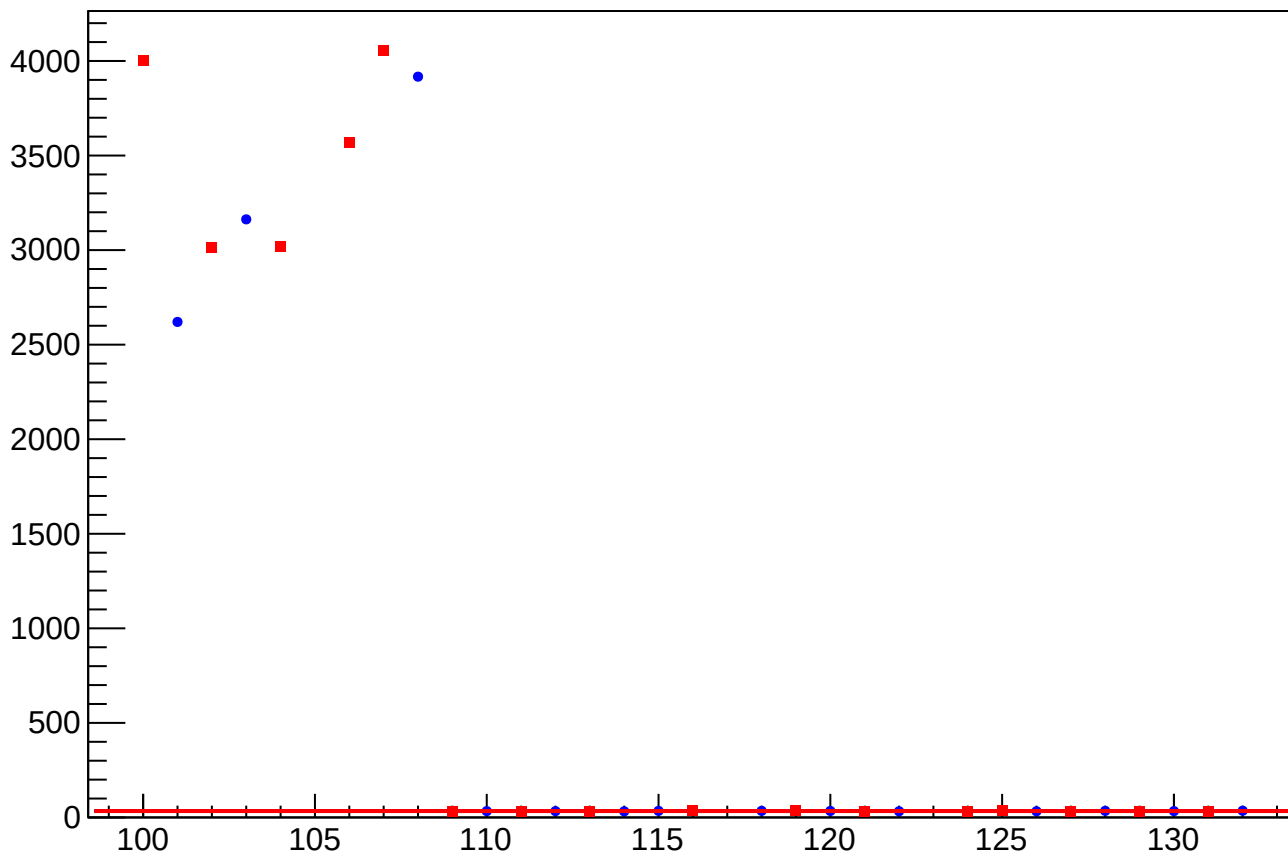
Right: 10.626+/-11.554 χ^2/NDF : 38.5/29

In: -0.149+/-16.341 χ^2/NDF : 16.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.626+/-11.554 χ^2/NDF : 38.5/29

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 34.074+/-0.012 χ^2/NDF : 3242826.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.866+/-0.012 χ^2/NDF : 3525346.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

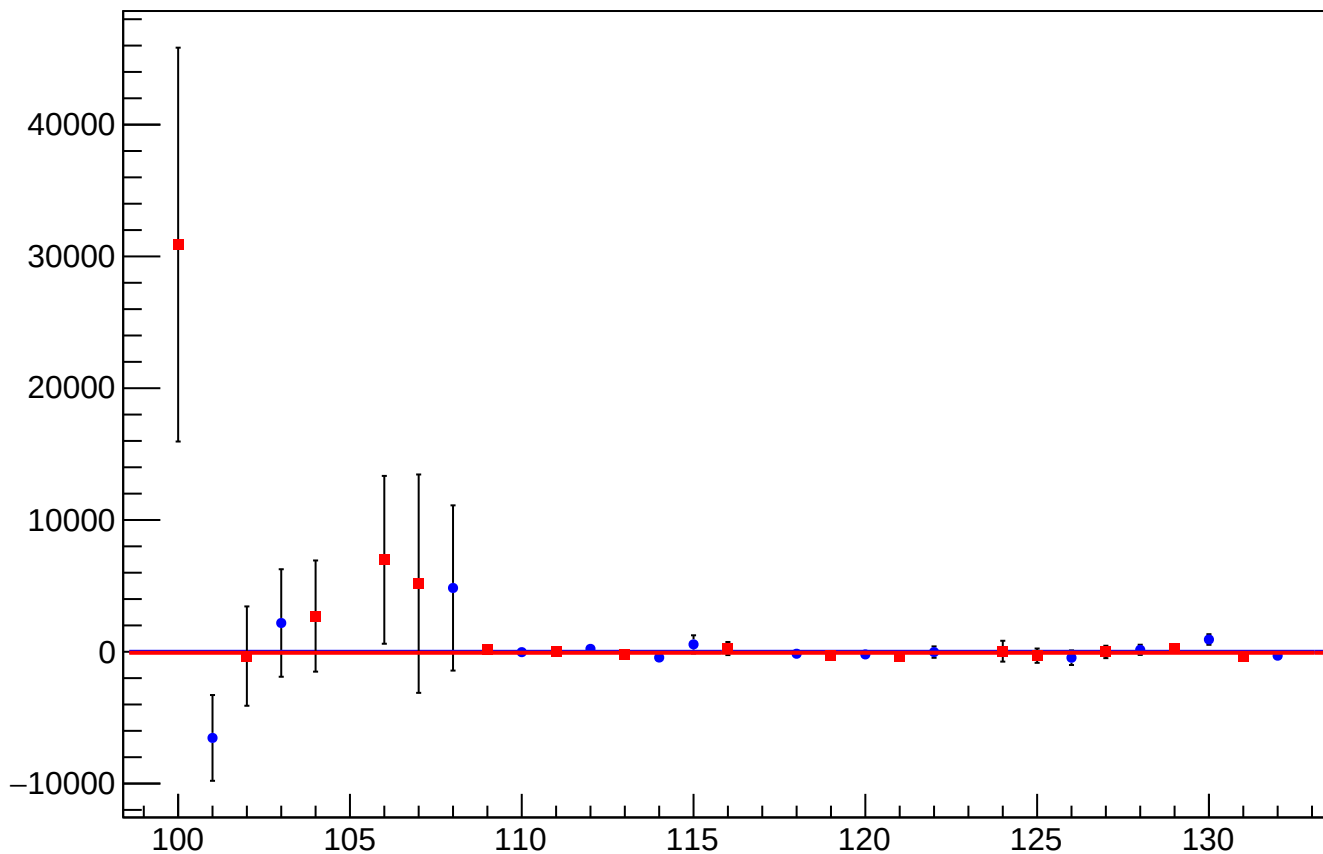
Right: 33.970+/-0.008 χ^2/NDF : 6768334.6/29

In: 34.074+/-0.012 χ^2/NDF : 3242826.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.970+/-0.008 χ^2/NDF : 6768334.6/29

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -2.001+/-94.690 χ^2/NDF : 15.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -75.239+/-87.518 χ^2/NDF : 11.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

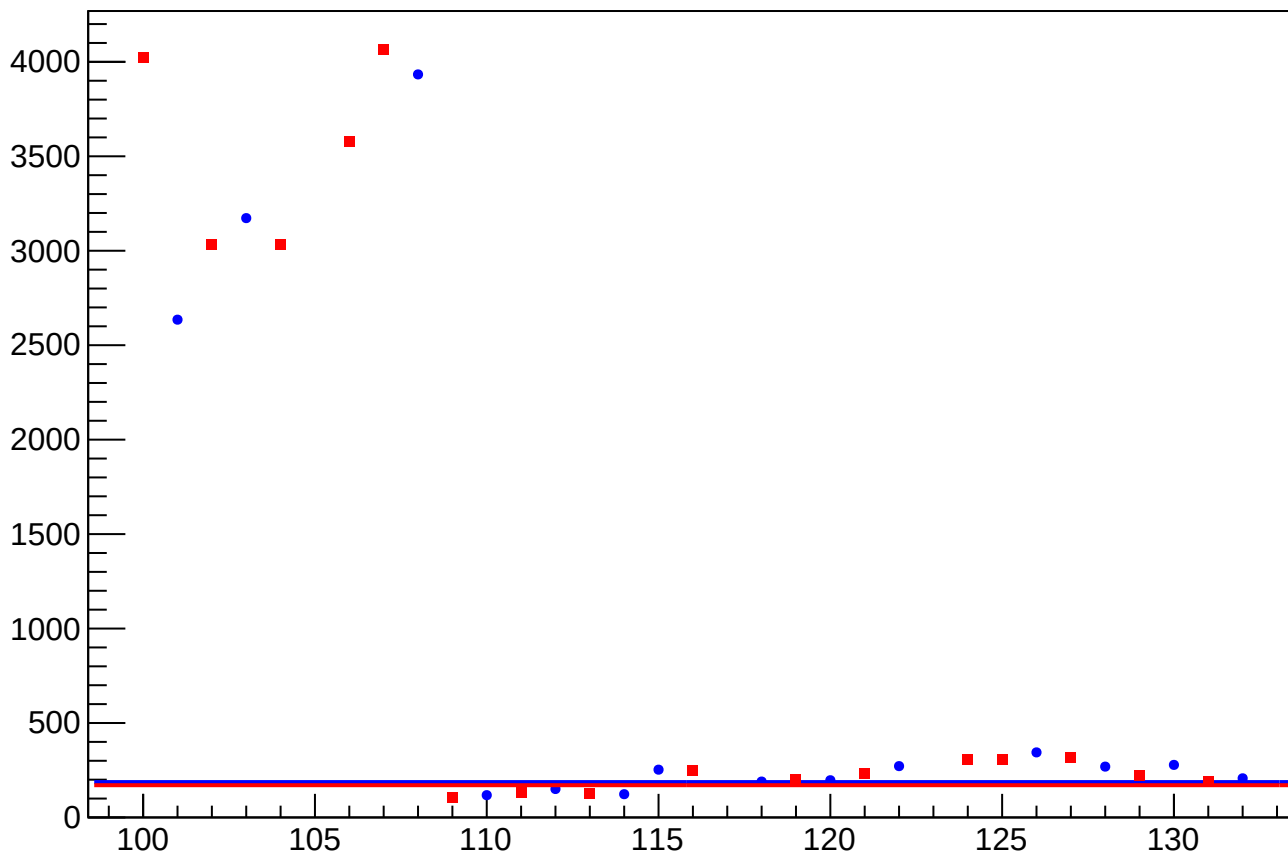
Right: -41.498+/-64.271 χ^2/NDF : 27.7/29

In: -2.001+/-94.690 χ^2/NDF : 15.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.498+/-64.271 χ^2/NDF : 27.7/29

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 187.204+/-0.067 χ^2/NDF : 3743378.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 170.742+/-0.062 χ^2/NDF : 4162965.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

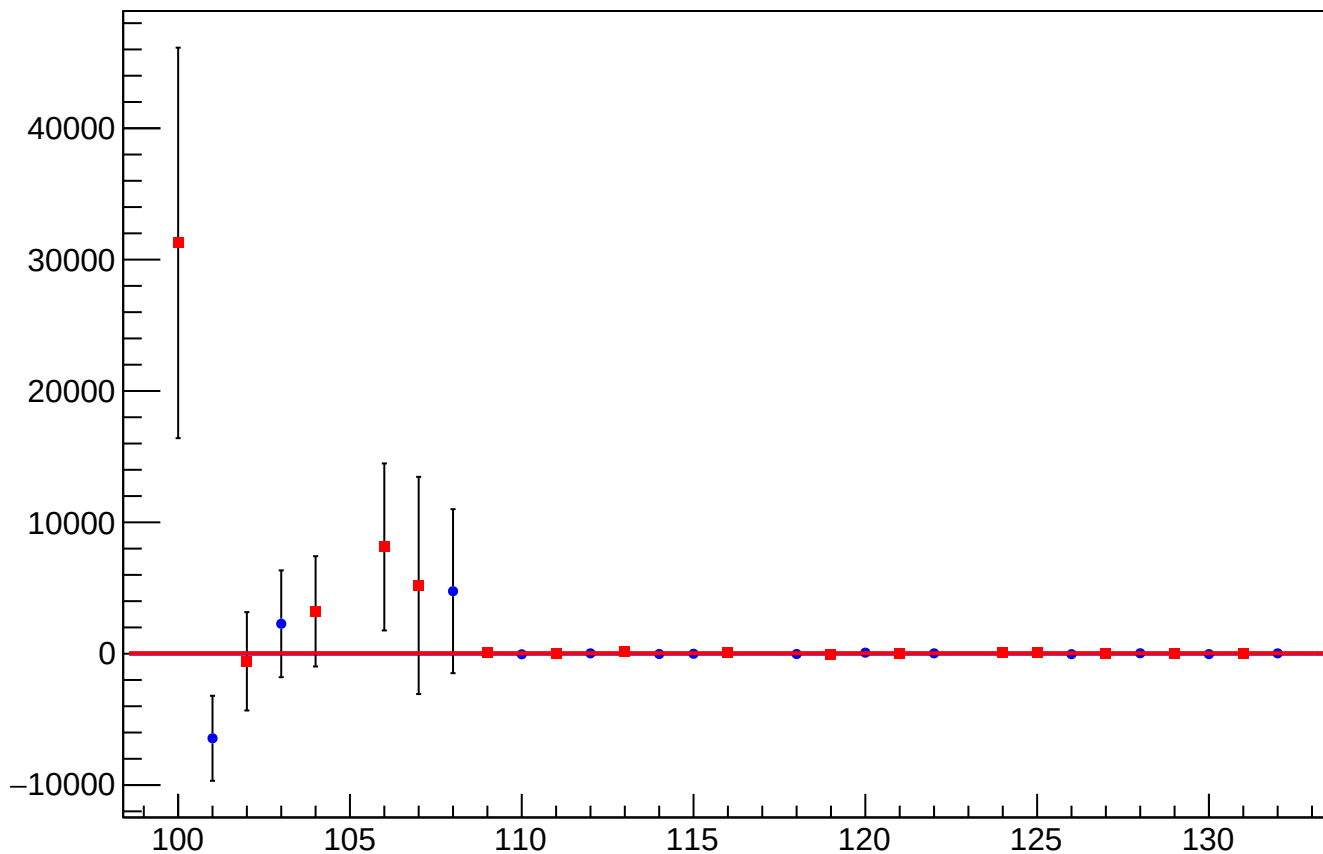
Right: 178.326+/-0.045 χ^2/NDF : 7938945.6/29

In: 187.204+/-0.067 χ^2/NDF :3743378.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 178.326+/-0.045 χ^2/NDF : 7938945.6/29

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 3.912+/-14.924 χ^2 /NDF: 10.9/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 36.015+/-14.950 χ^2 /NDF: 21.2/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

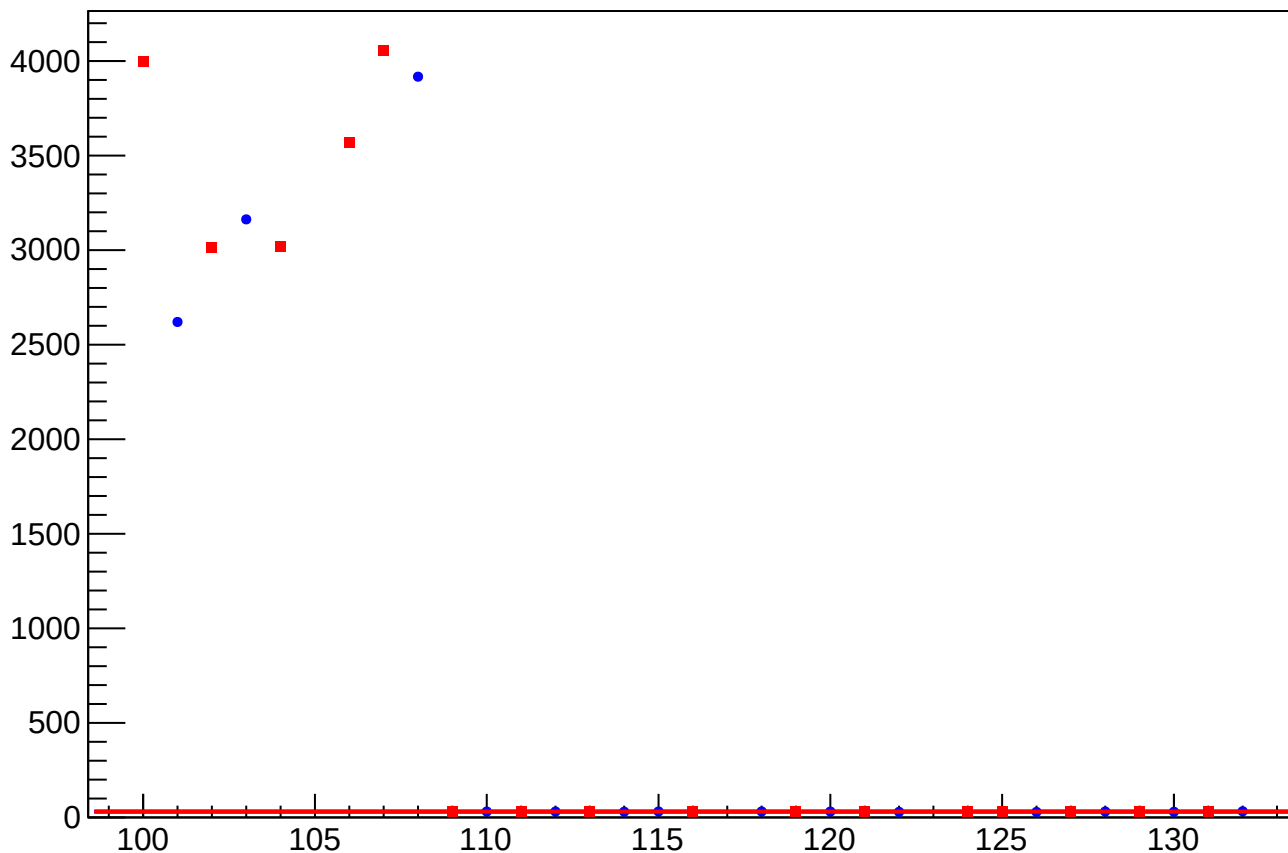
Right: 19.935+/-10.562 χ^2 /NDF: 34.4/29

In: 3.912+/-14.924 χ^2 /NDF:10.9/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 19.935+/-10.562 χ^2 /NDF: 34.4/29

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 31.091+/-0.011 χ^2/NDF : 3251310.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.964+/-0.011 χ^2/NDF : 3533043.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

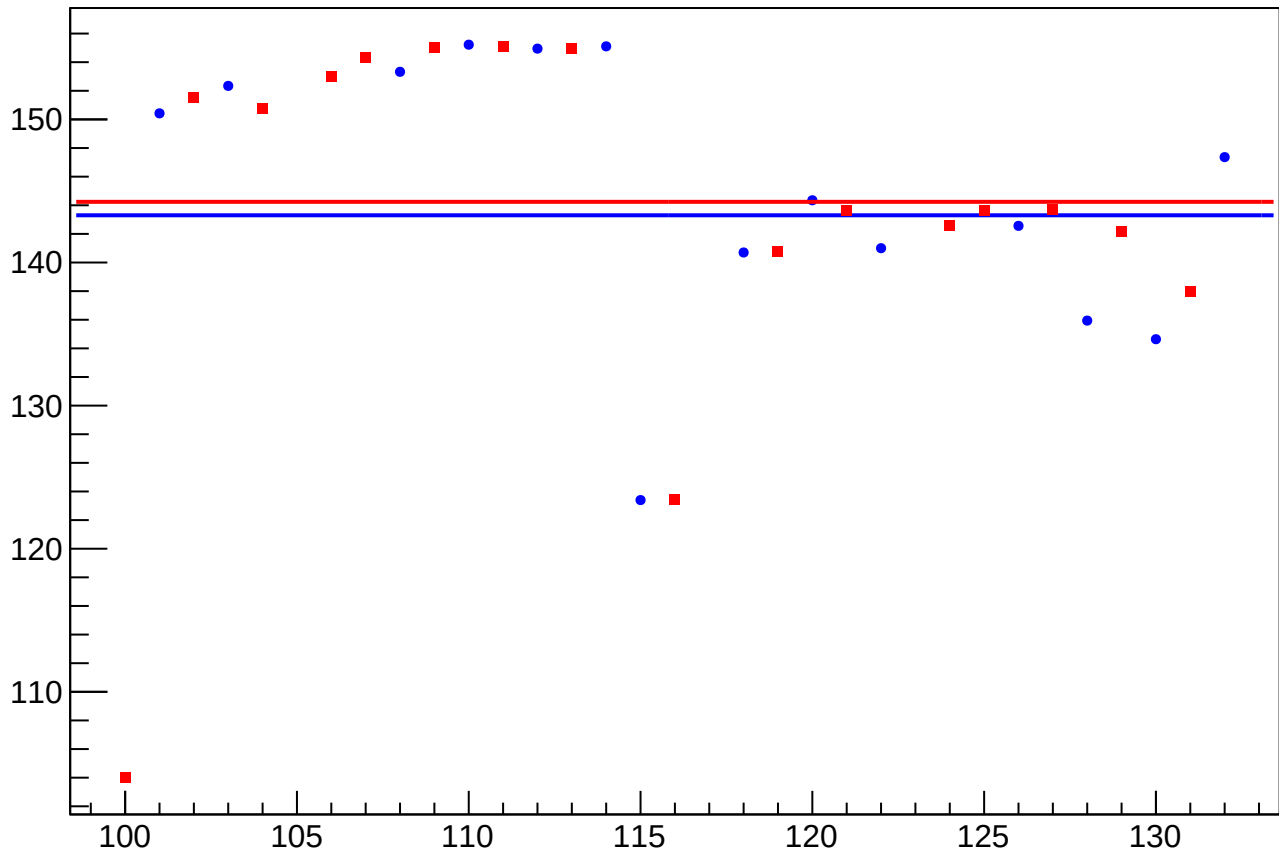
Right: 31.028+/-0.007 χ^2/NDF : 6784425.4/29

In: 31.091+/-0.011 χ^2/NDF : 3251310.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

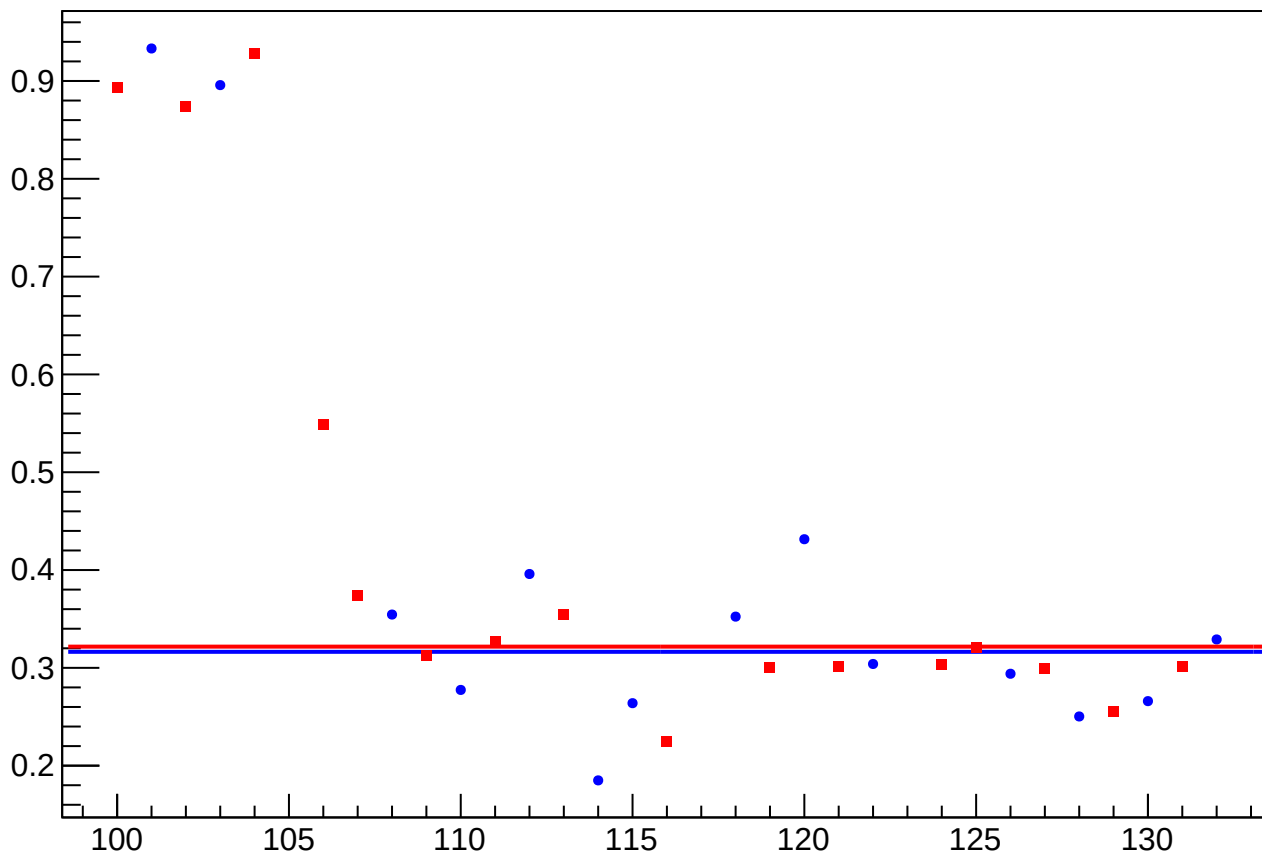
All: 31.028+/-0.007 χ^2/NDF : 6784425.4/29

yield_bcm_target_mean vs Slug, Sign Corrected



Right In: 143.301 $\pm$ 0.000 χ^2 /NDF: 3509594313.9/13
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 144.241 $\pm$ 0.000 χ^2 /NDF: 4171827151.2/15
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 143.776 $\pm$ 0.000 χ^2 /NDF: 7702606723.9/29
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 143.776 $\pm$ 0.000 χ^2 /NDF: 7702606723.9/29
 In: 143.301 $\pm$ 0.000 χ^2 /NDF:3509594313.9/13
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bcm_target_rms vs Slug, Sign Corrected



Right In: 0.316+/-0.000 χ^2/NDF : 1369176.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.322+/-0.000 χ^2/NDF : 1258208.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

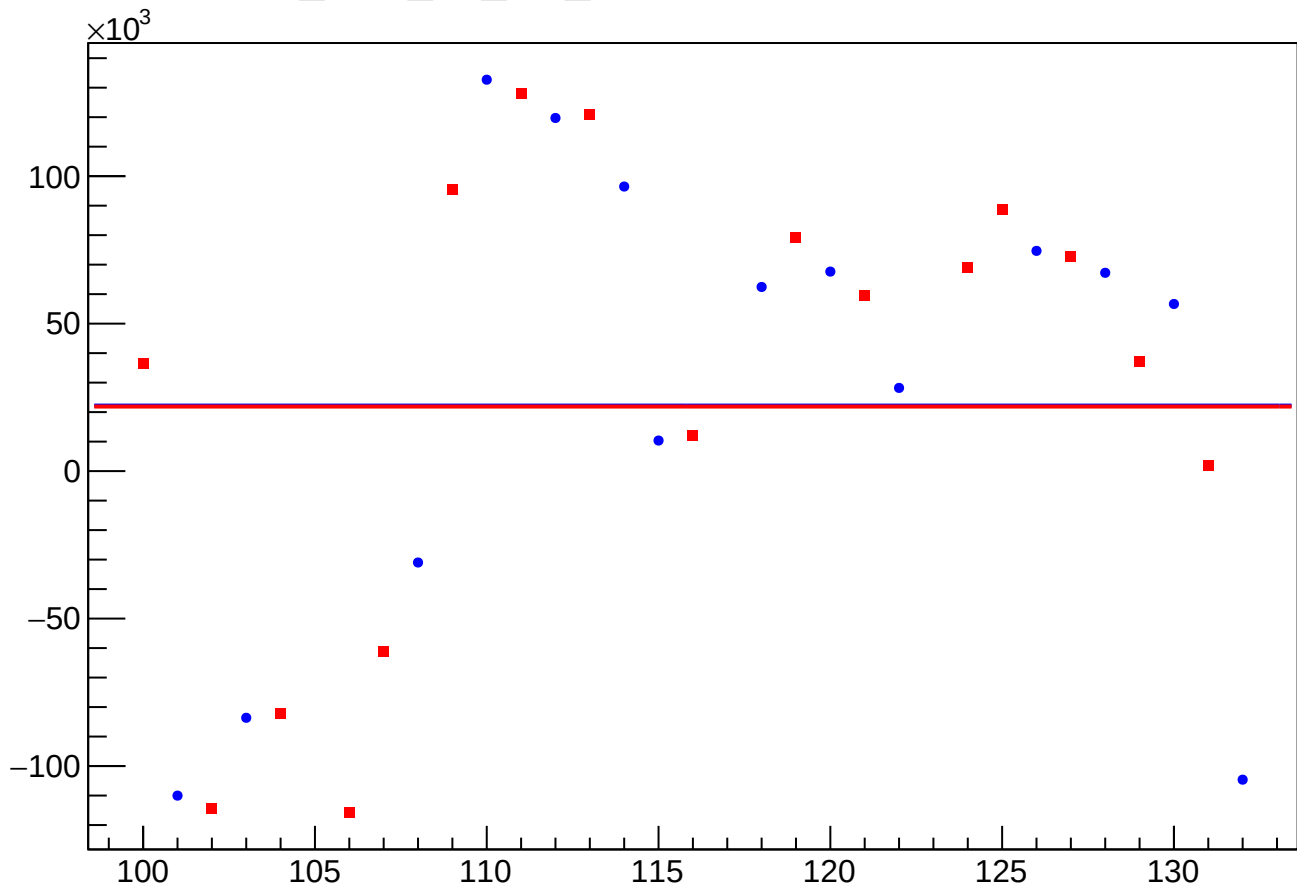
Right: 0.319+/-0.000 χ^2/NDF : 2628731.7/29

In: 0.316+/-0.000 χ^2/NDF : 1369176.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

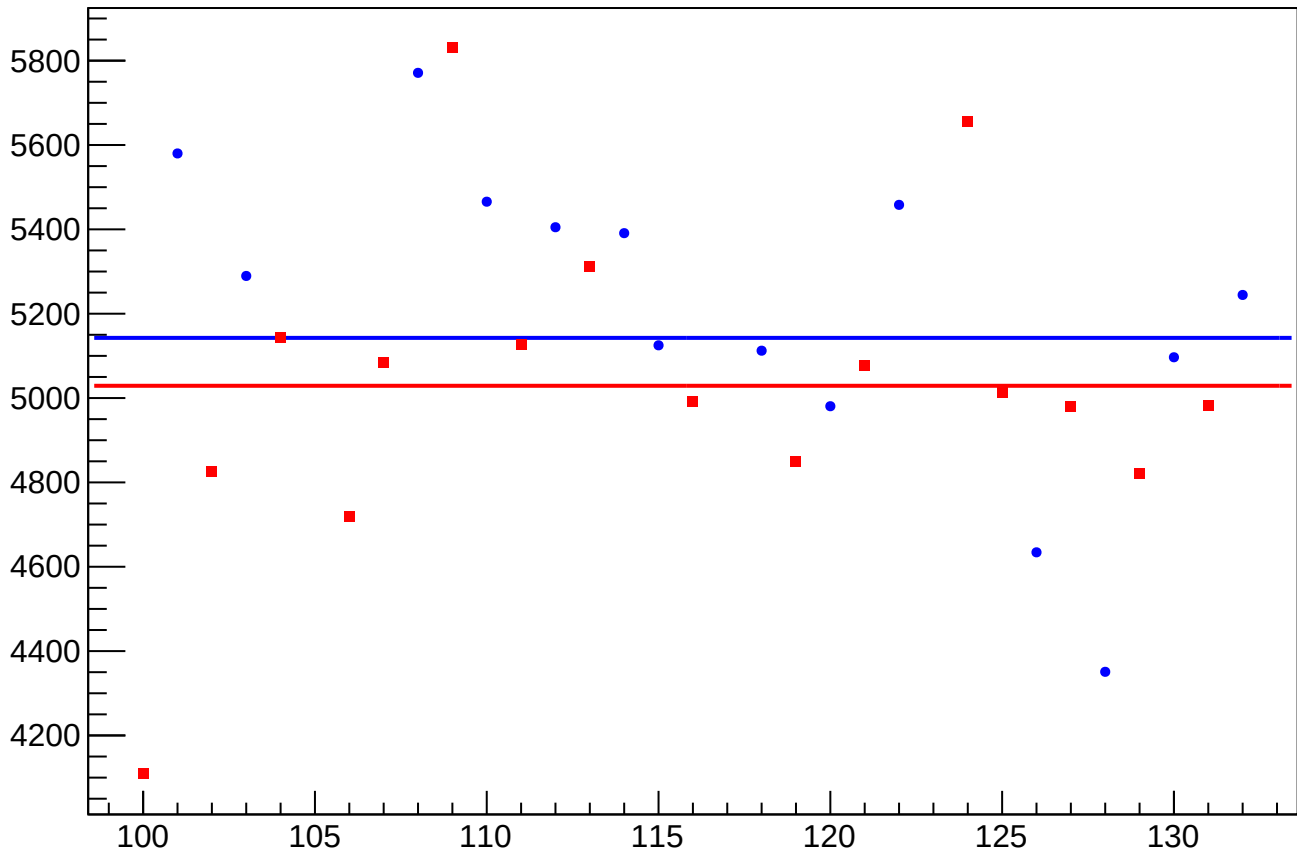
All: 0.319+/-0.000 χ^2/NDF : 2628731.7/29

yield_bcm_an_diff_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 22218.562+/-2.175 χ^2 /NDF: 1357987185.4/13
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 22043.206+/-1.495 χ^2 /NDF: 3042597335.4/2
 In: 22218.562+/-2.175 χ^2 /NDF: 1357987185.4/13
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 22043.206+/-1.495 χ^2 /NDF: 3042597335

yield_bcm_an_diff_rms vs Slug, Sign Corrected



Right In: 5142.683+/-1.538 χ^2/NDF : 68198.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5029.092+/-1.455 χ^2/NDF : 41062.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

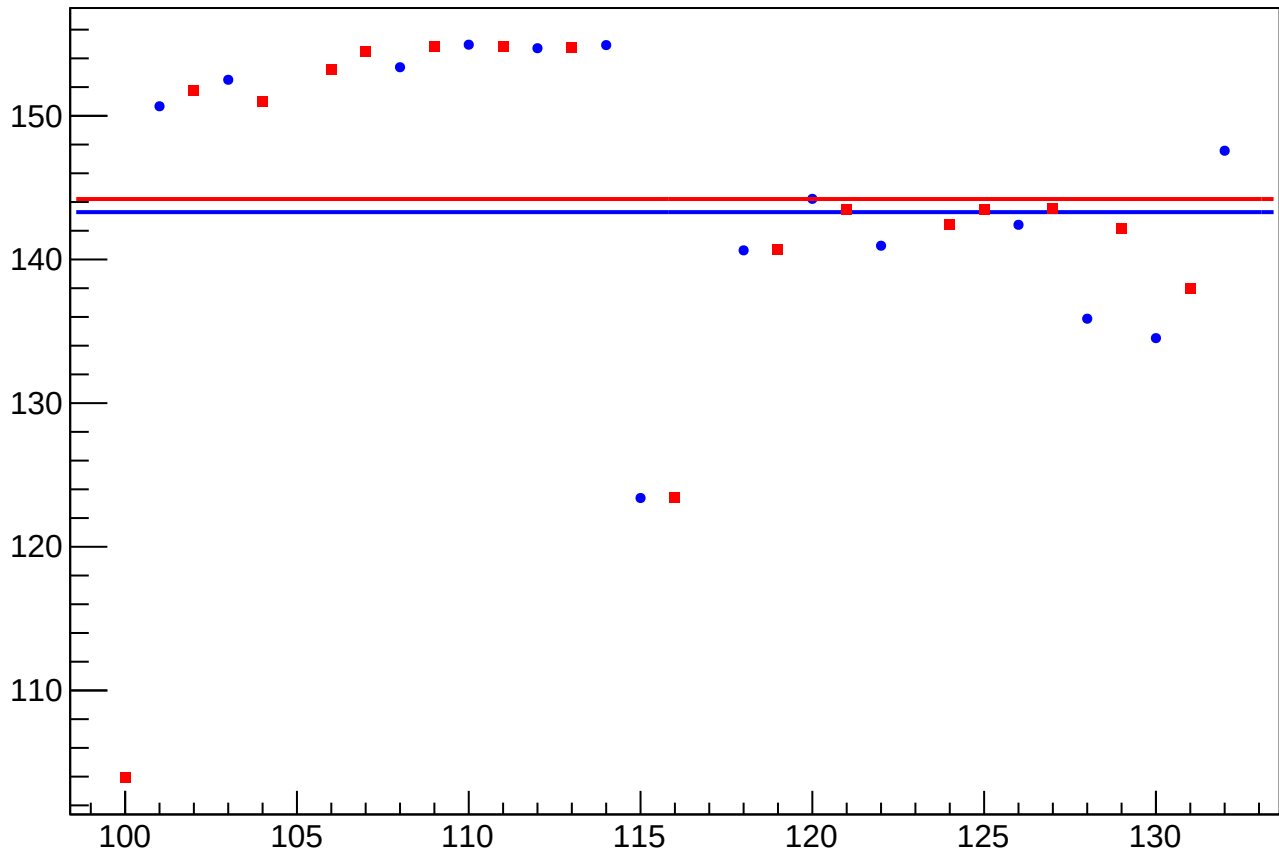
Right: 5082.751+/-1.057 χ^2/NDF : 112140.0/29

In: 5142.683+/-1.538 χ^2/NDF : 68198.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5082.751+/-1.057 χ^2/NDF : 112140.0/29

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 143.296+/-0.000 χ^2/NDF : 3546273140.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.209+/-0.000 χ^2/NDF : 4195041505.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

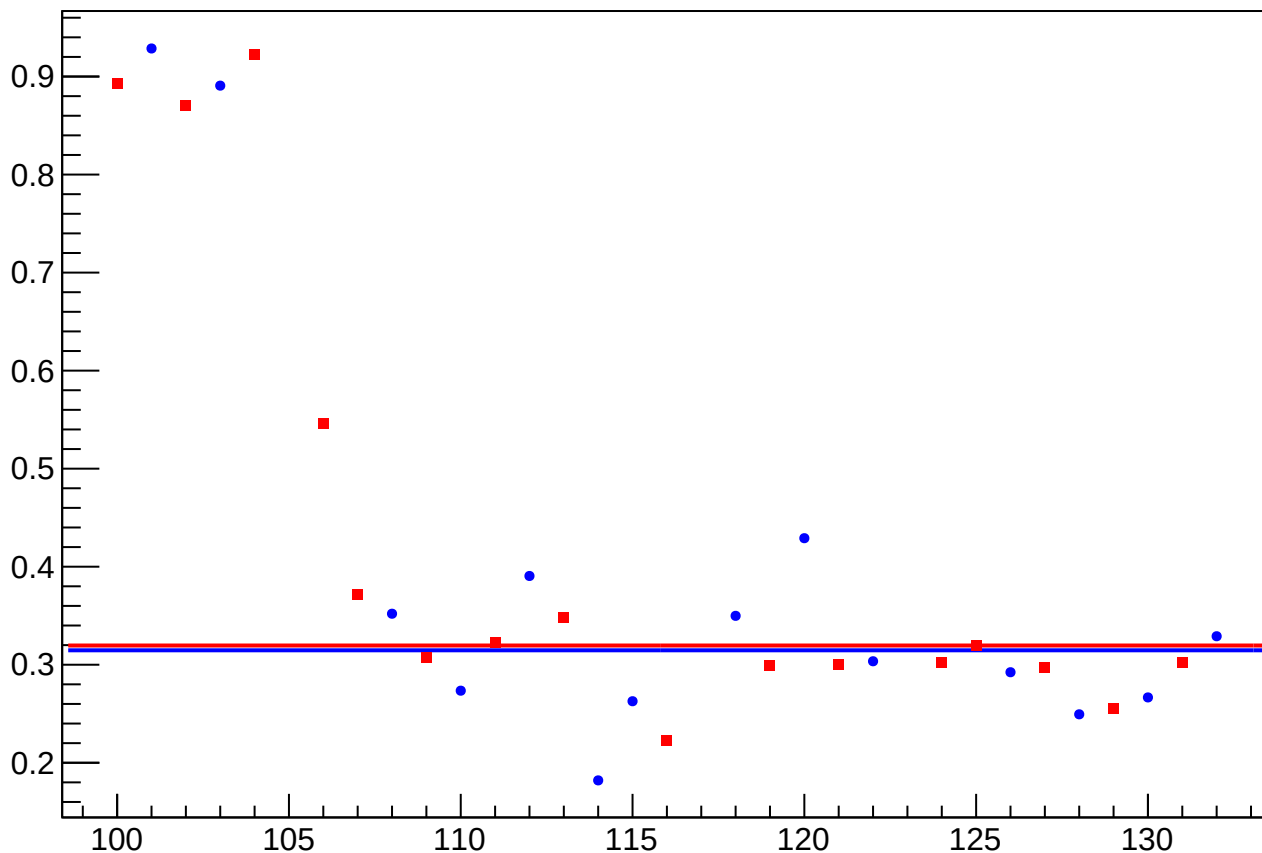
Right: 143.758+/-0.000 χ^2/NDF : 7761531104.7/29

In: 143.296+/-0.000 χ^2/NDF : 3546273140.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.758+/-0.000 χ^2/NDF : 7761531104.7

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.315+/-0.000 χ^2/NDF : 1368483.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.320+/-0.000 χ^2/NDF : 1255431.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

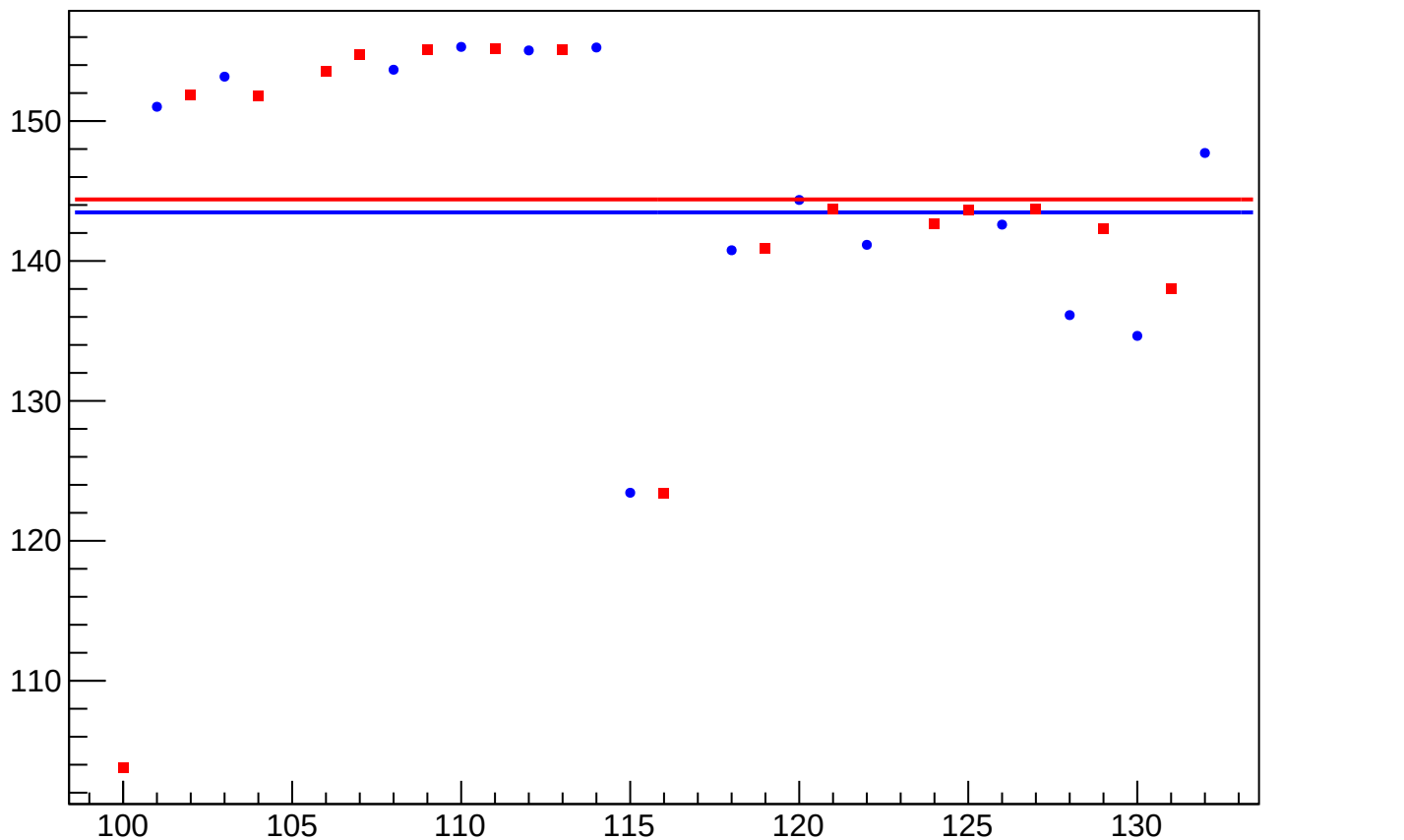
Right: 0.317+/-0.000 χ^2/NDF : 2625076.1/29

In: 0.315+/-0.000 χ^2/NDF : 1368483.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

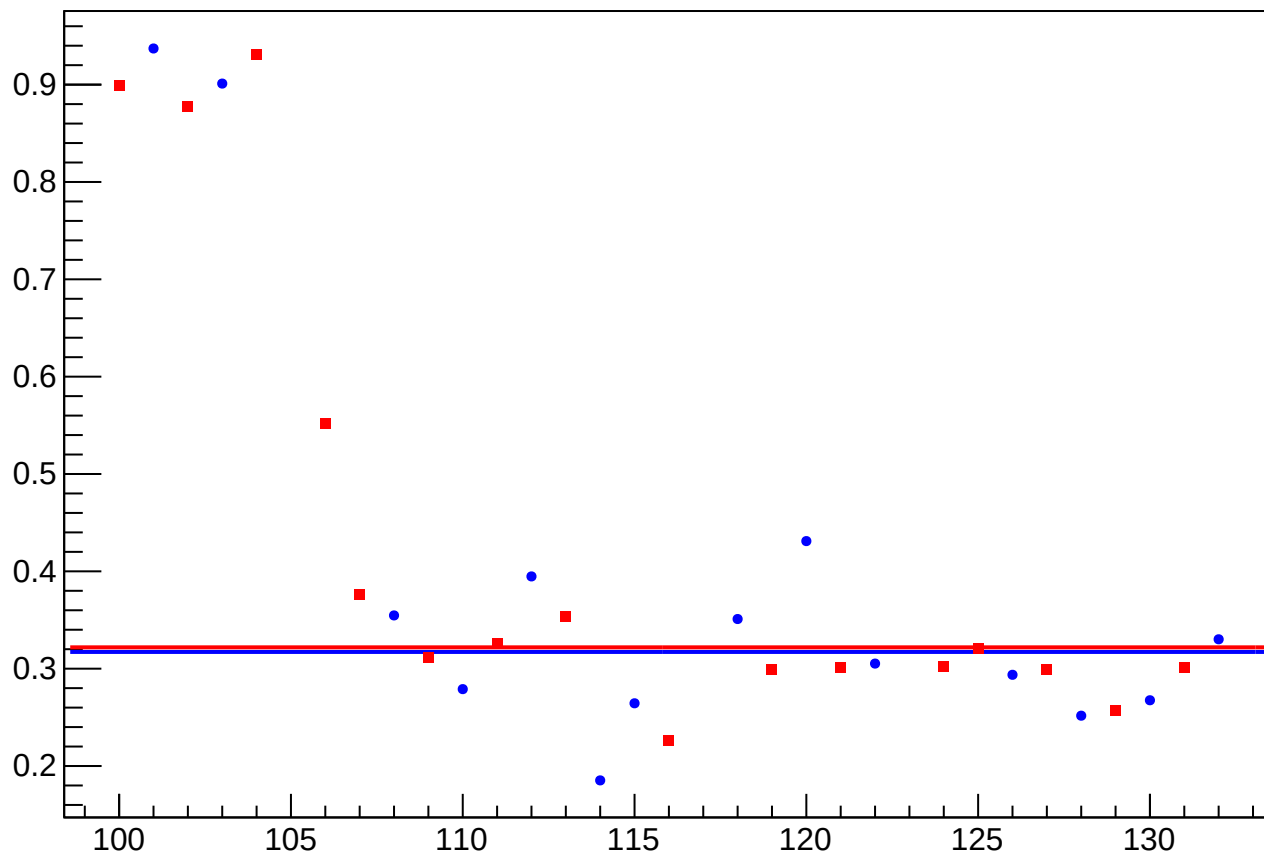
All: 0.317+/-0.000 χ^2/NDF : 2625076.1/29

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 143.475+/-0.000 χ^2/NDF : 3539117004.1/13
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 144.399+/-0.000 χ^2/NDF : 4187261303.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 143.942+/-0.000 χ^2/NDF : 7746770953.1/29
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 143.942+/-0.000 χ^2/NDF : 7746770953.1/29
 In: 143.475+/-0.000 χ^2/NDF : 3539117004.1/13
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.317+/-0.000 χ^2/NDF : 1365632.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.322+/-0.000 χ^2/NDF : 1256862.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

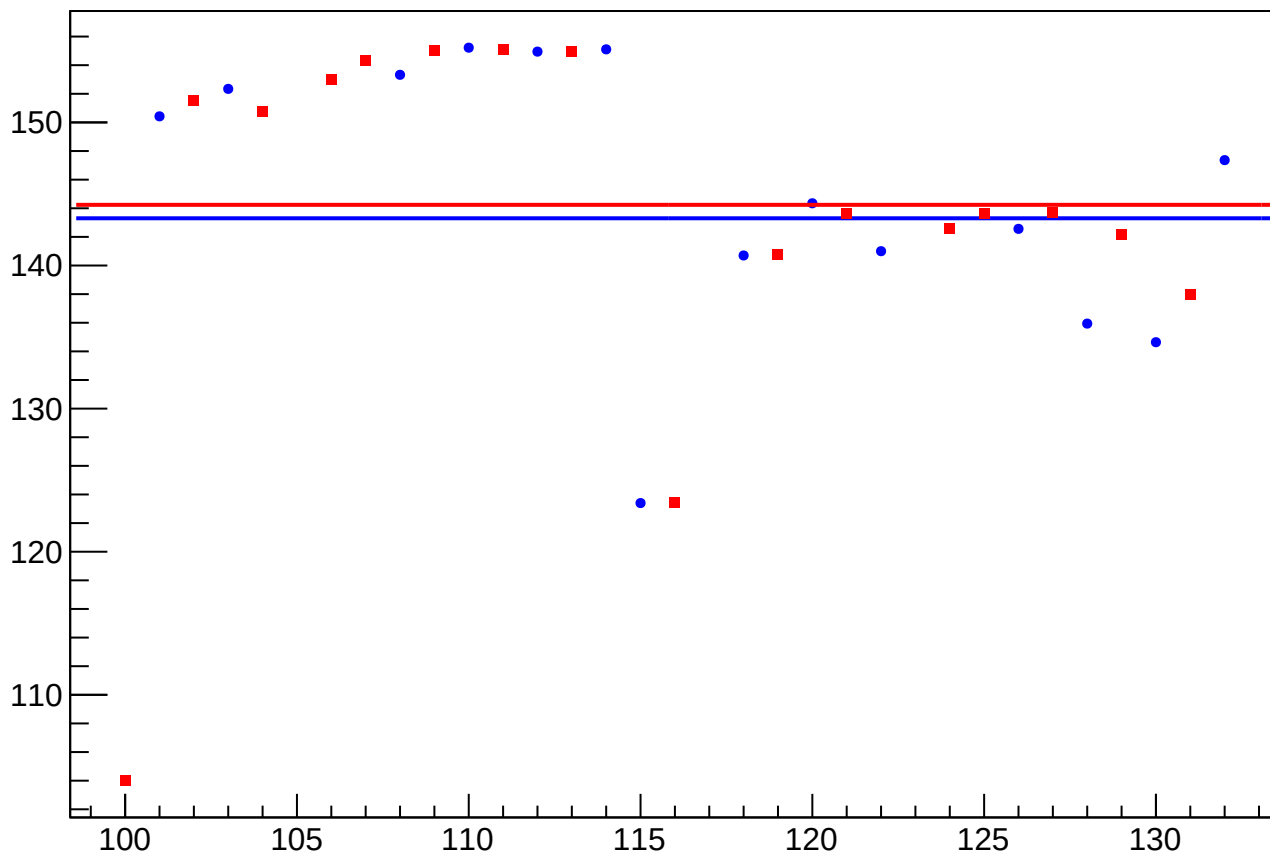
Right: 0.320+/-0.000 χ^2/NDF : 2623562.5/29

In: 0.317+/-0.000 χ^2/NDF : 1365632.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.320+/-0.000 χ^2/NDF : 2623562.5/29

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 143.301+/-0.000 χ^2/NDF : 3509594313.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.241+/-0.000 χ^2/NDF : 4171827151.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

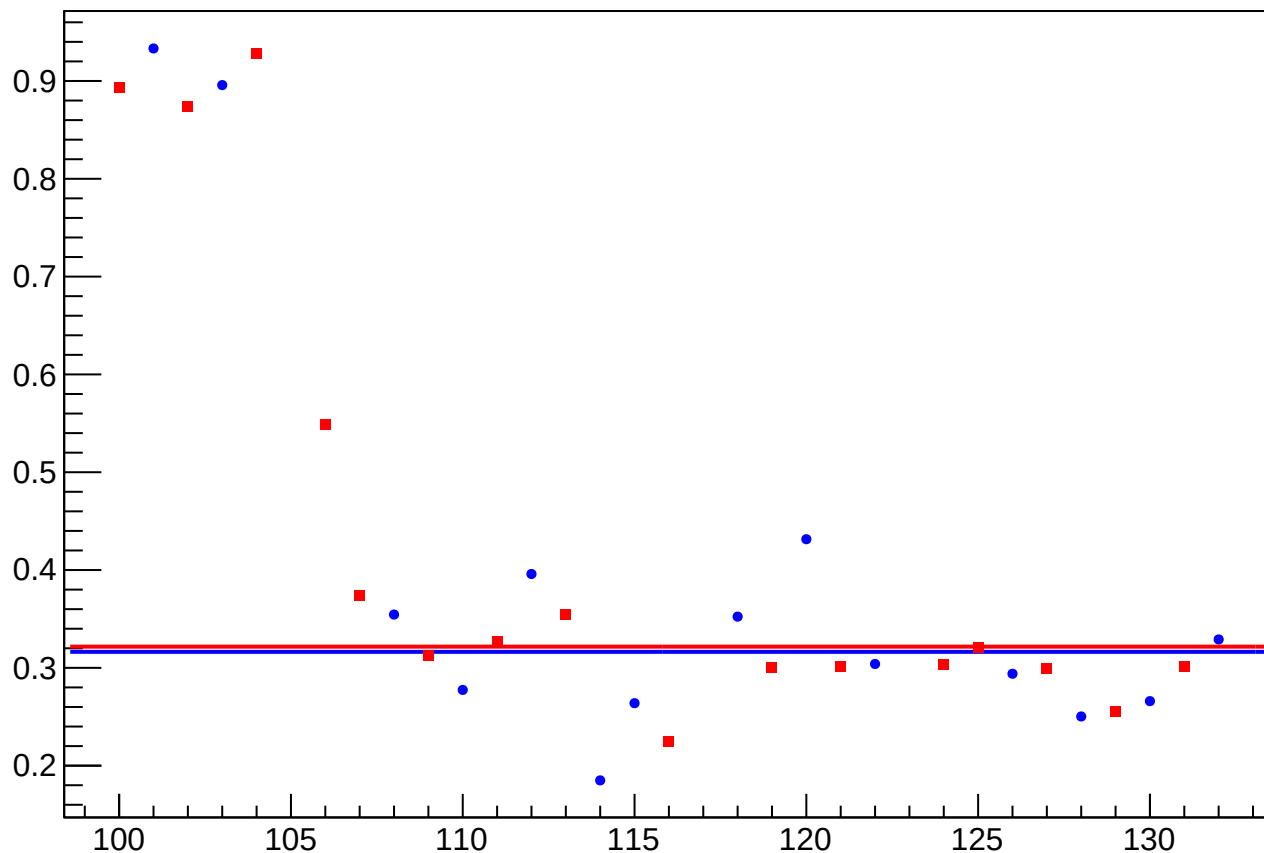
Right: 143.776+/-0.000 χ^2/NDF : 7702606723.9/29

In: 143.301+/-0.000 χ^2/NDF : 3509594313.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.776+/-0.000 χ^2/NDF : 7702606723.9

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.316+/-0.000 χ^2/NDF : 1369176.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.322+/-0.000 χ^2/NDF : 1258208.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

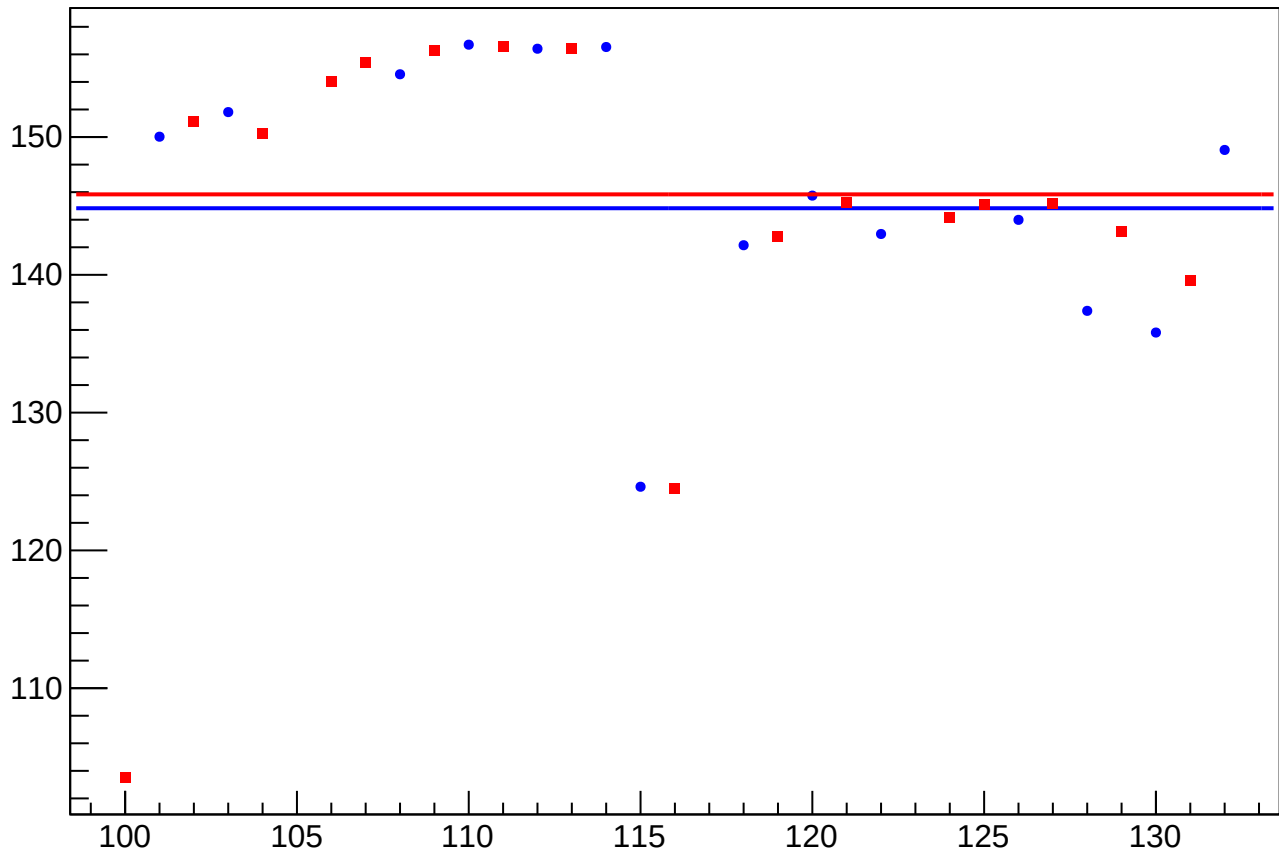
Right: 0.319+/-0.000 χ^2/NDF : 2628731.7/29

In: 0.316+/-0.000 χ^2/NDF : 1369176.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.319+/-0.000 χ^2/NDF : 2628731.7/29

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 144.833+/-0.000 χ^2/NDF : 3285077500.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 145.840+/-0.000 χ^2/NDF : 3774000963.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

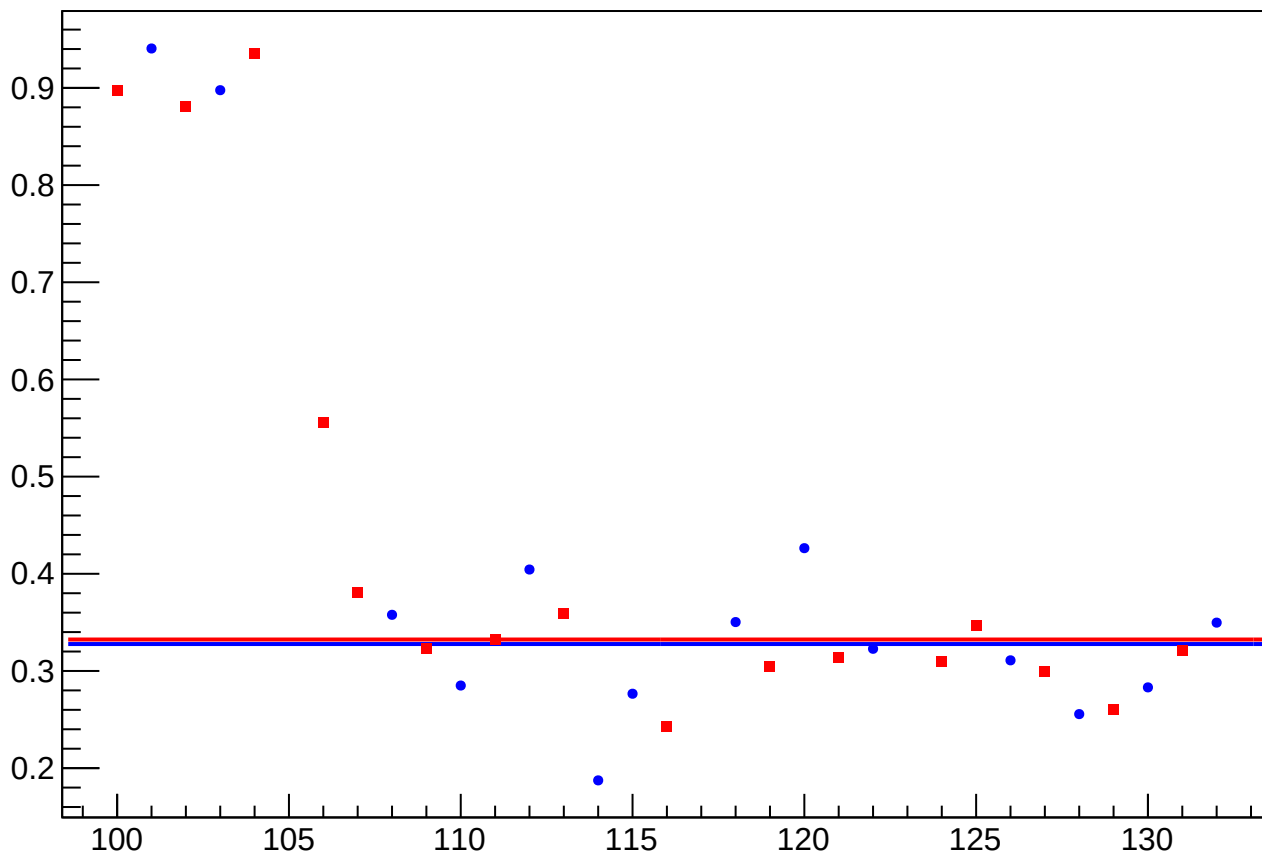
Right: 145.343+/-0.000 χ^2/NDF : 7081864181.7/29

In: 144.833+/-0.000 χ^2/NDF : 3285077500.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.343+/-0.000 χ^2/NDF : 7081864181.7

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.328+/-0.000 χ^2/NDF : 1319161.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.332+/-0.000 χ^2/NDF : 1212577.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

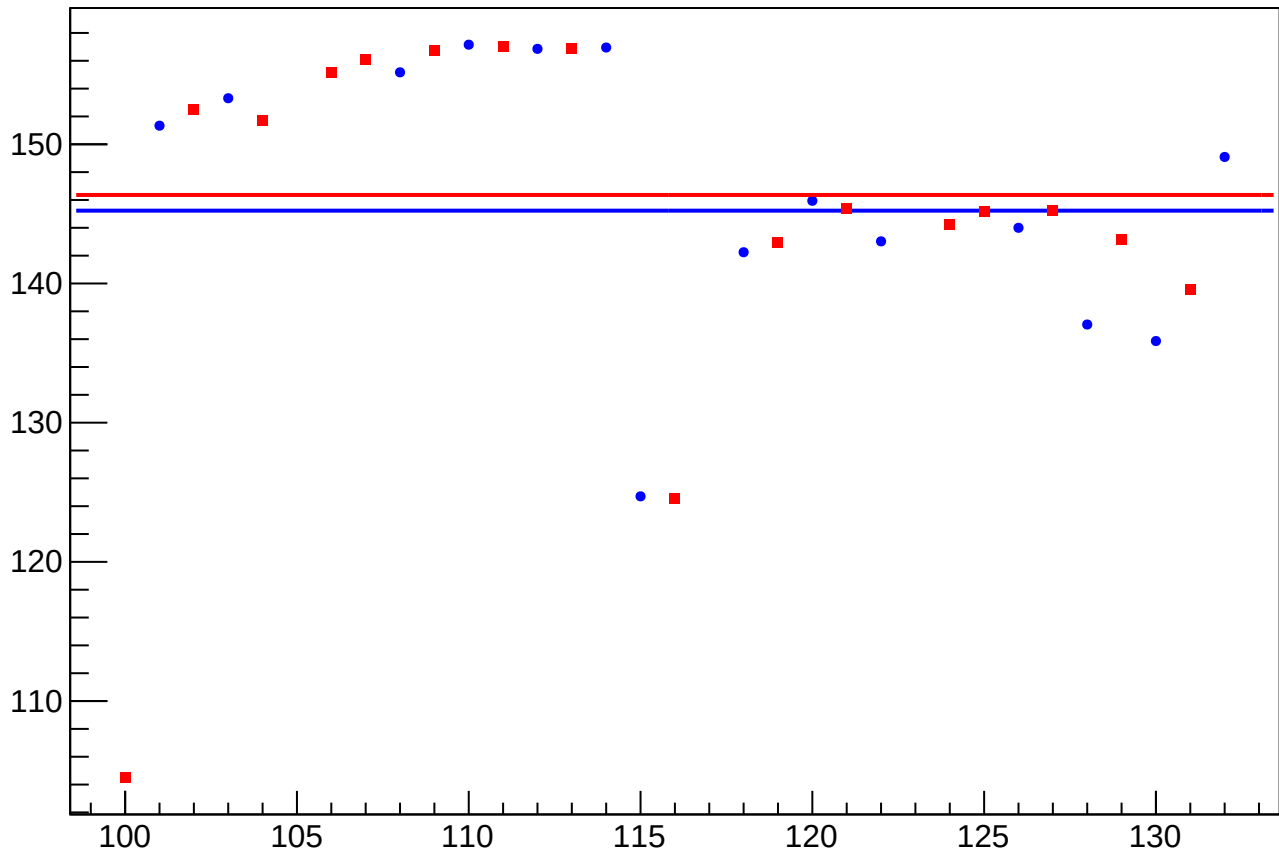
Right: 0.330+/-0.000 χ^2/NDF : 2532715.4/29

In: 0.328+/-0.000 χ^2/NDF : 1319161.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.330+/-0.000 χ^2/NDF : 2532715.4/29

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 145.232+/-0.000 χ^2/NDF : 3458242019.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.359+/-0.000 χ^2/NDF : 3876631021.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

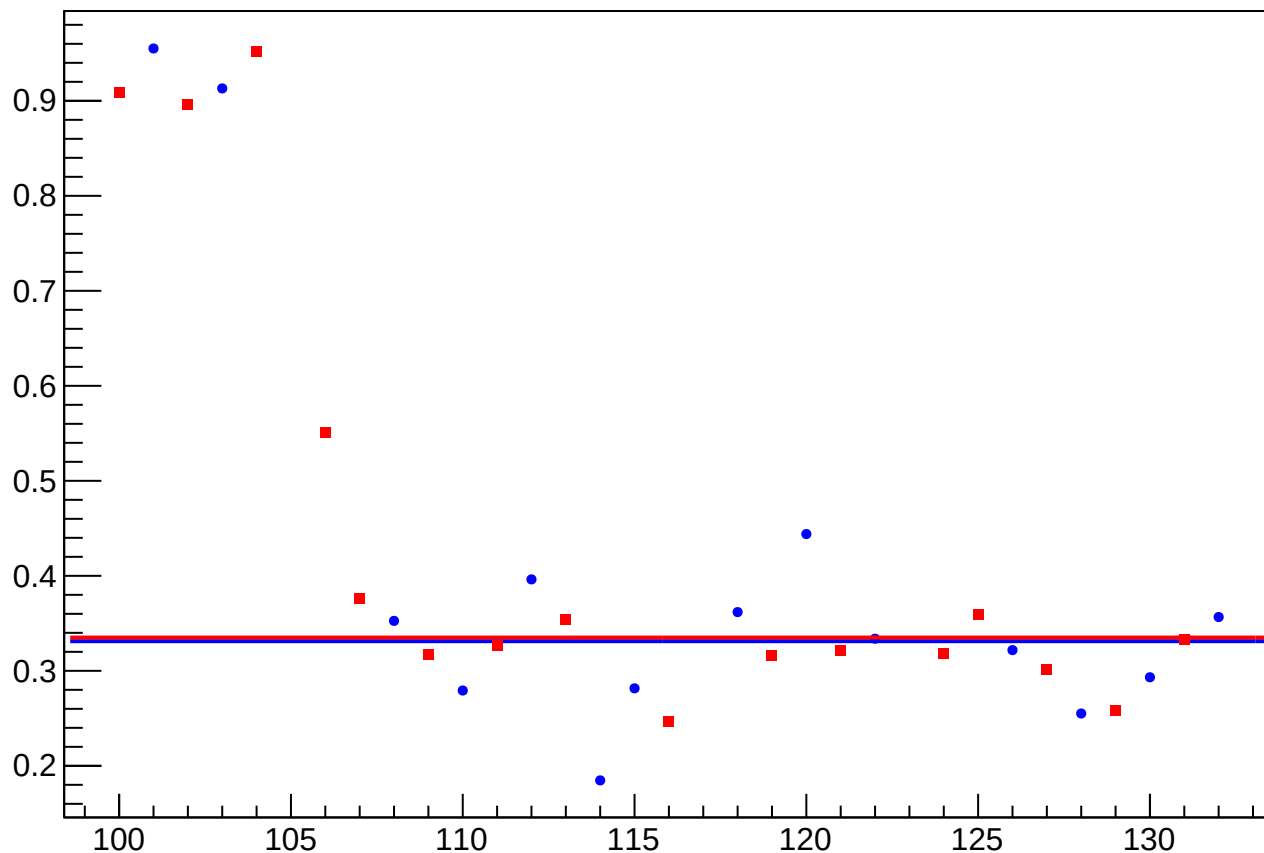
Right: 145.804+/-0.000 χ^2/NDF : 7362831092.9/29

In: 145.232+/-0.000 χ^2/NDF : 3458242019.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.804+/-0.000 χ^2/NDF : 7362831092.9

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.331+/-0.000 χ^2/NDF : 1343355.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.335+/-0.000 χ^2/NDF : 1213398.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

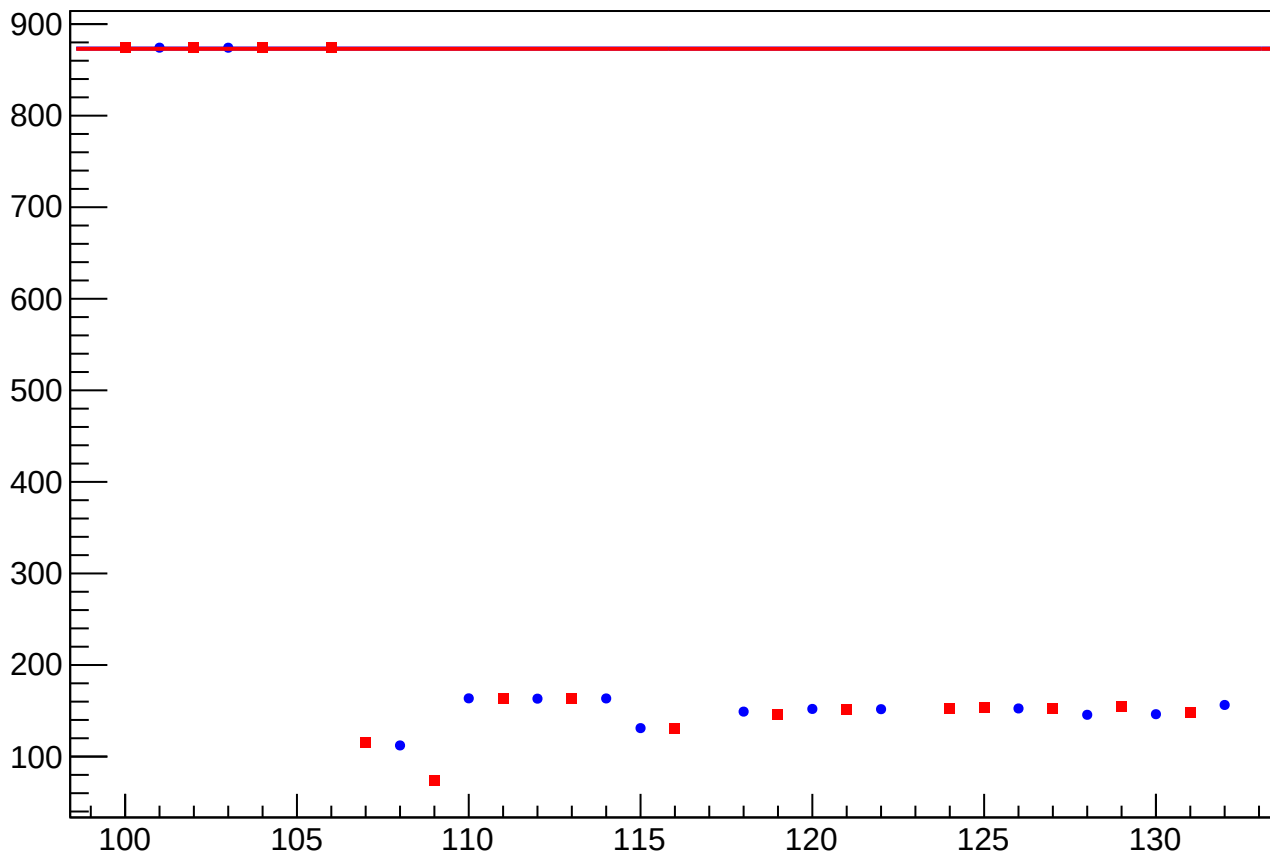
Right: 0.333+/-0.000 χ^2/NDF : 2557404.2/29

In: 0.331+/-0.000 χ^2/NDF : 1343355.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

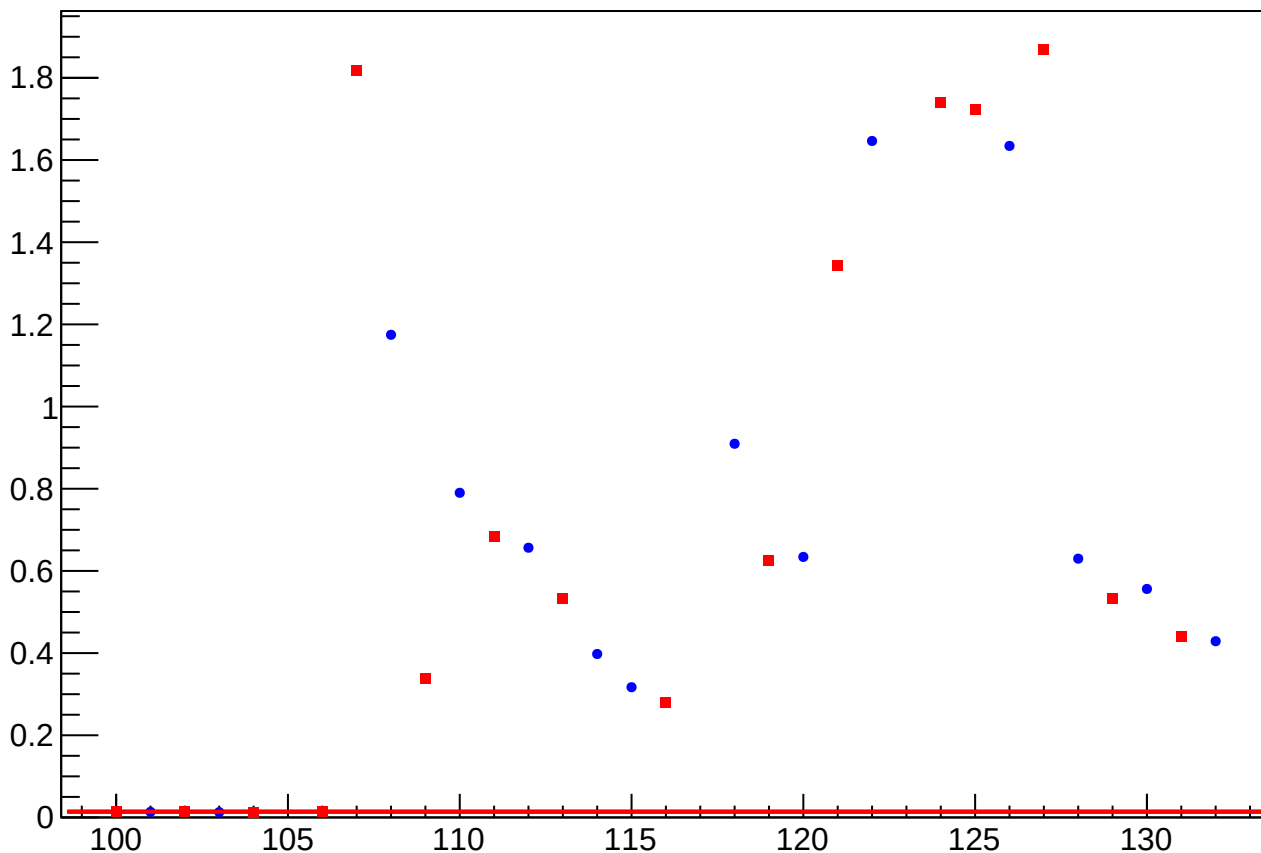
All: 0.333+/-0.000 χ^2/NDF : 2557404.2/29

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 873.257 $\pm$ 0.000 χ^2 /NDF: 4983677100150.7/13
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 873.012 $\pm$ 0.000 χ^2 /NDF: 7194199430856.9/15
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 873.126 $\pm$ 0.000 χ^2 /NDF: 12178106532548.0

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 7389704.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 7359572.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

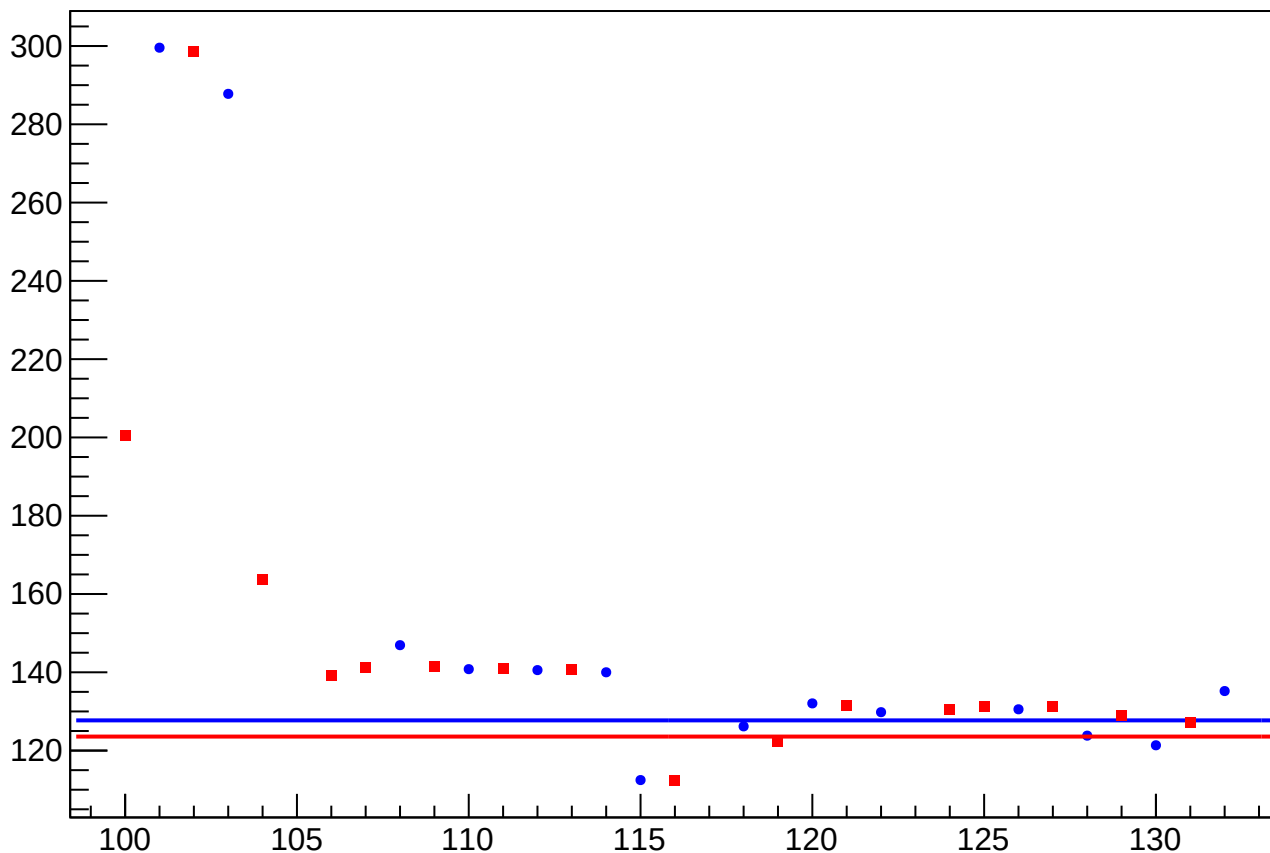
Right: 0.014+/-0.000 χ^2/NDF : 14749318.1/29

In: 0.014+/-0.000 χ^2/NDF : 7389704.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 14749318.1/29

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 127.717+/-0.000 χ^2/NDF : 1587609287.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.580+/-0.000 χ^2/NDF : 1255567405.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

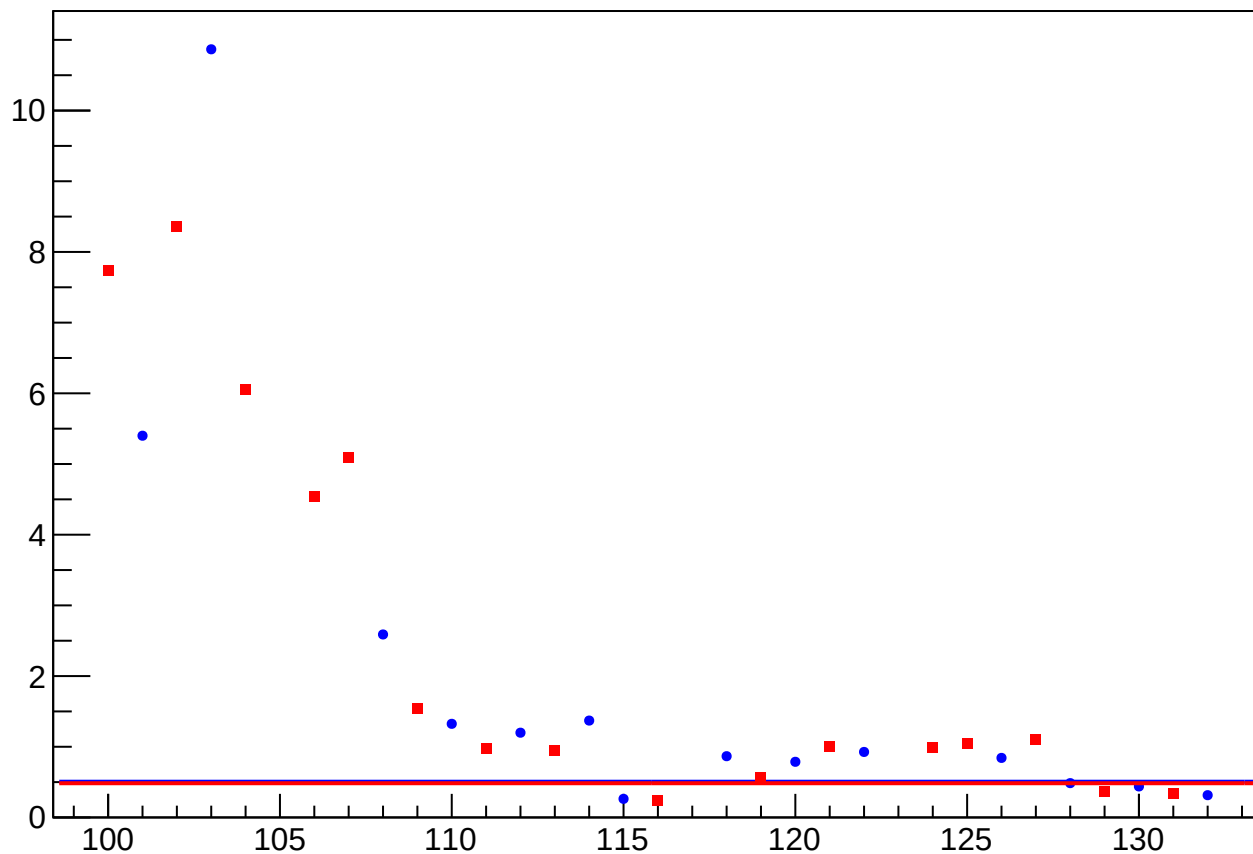
Right: 125.600+/-0.000 χ^2/NDF : 2941599280.7/29

In: 127.717+/-0.000 χ^2/NDF : 1587609287.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.600+/-0.000 χ^2/NDF : 2941599280.7

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.506+/-0.000 χ^2/NDF : 4090234.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.484+/-0.000 χ^2/NDF : 4841380.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

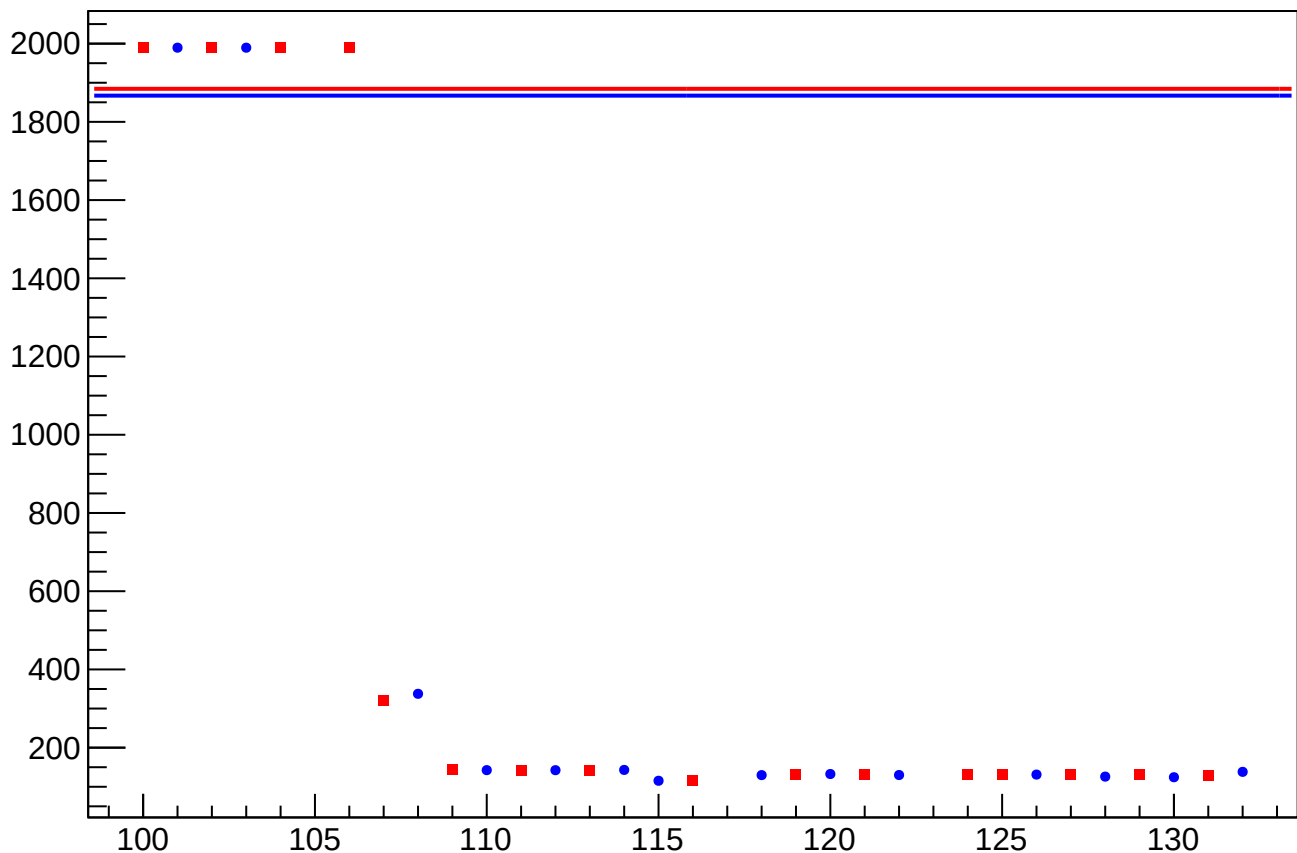
Right: 0.495+/-0.000 χ^2/NDF : 8936914.7/29

In: 0.506+/-0.000 χ^2/NDF : 4090234.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

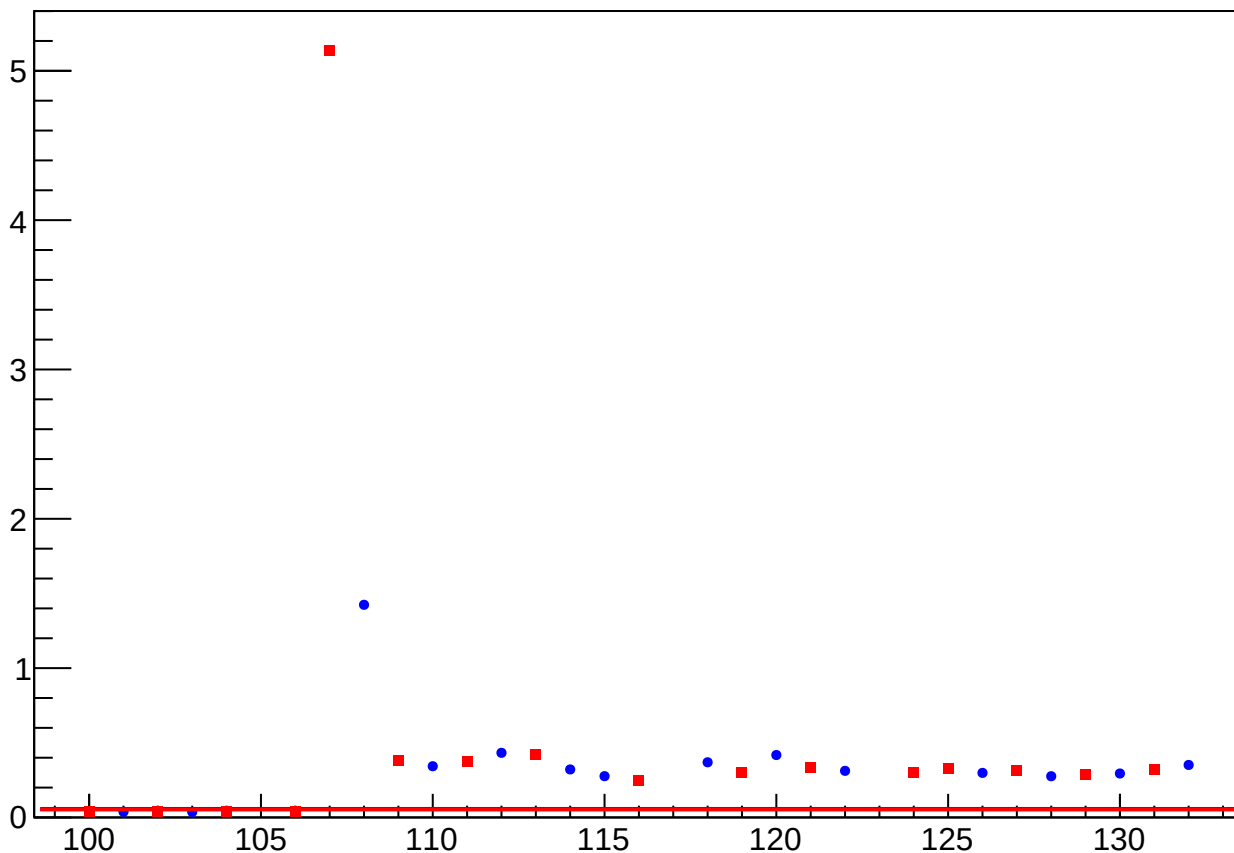
All: 0.495+/-0.000 χ^2/NDF : 8936914.7/29

yield_cav4dQ_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right In: 1867.055+/-0.000 χ^2/NDF : 119434776998632.5/13
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 1876.460+/-0.000 χ^2/NDF : 24095558024313
In: 1867.055+/-0.000 χ^2/NDF : 119434776998632.5/13
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 1876.460+/-0.000 χ^2/NDF : 24095558024313

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.057+/-0.000 χ^2/NDF : 6446987.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.054+/-0.000 χ^2/NDF : 6100130.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

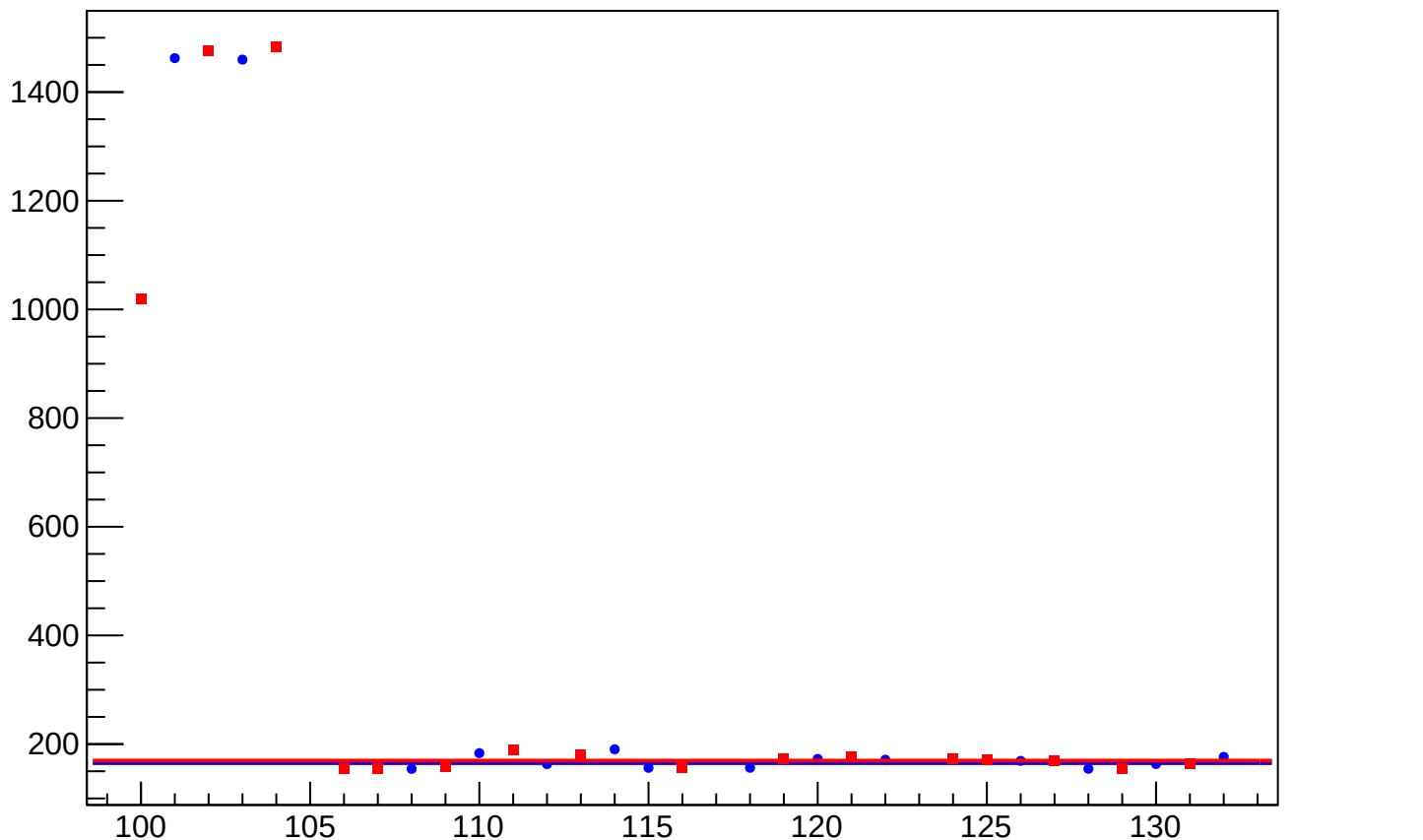
Right: 0.055+/-0.000 χ^2/NDF : 12553280.9/29

In: 0.057+/-0.000 χ^2/NDF : 6446987.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

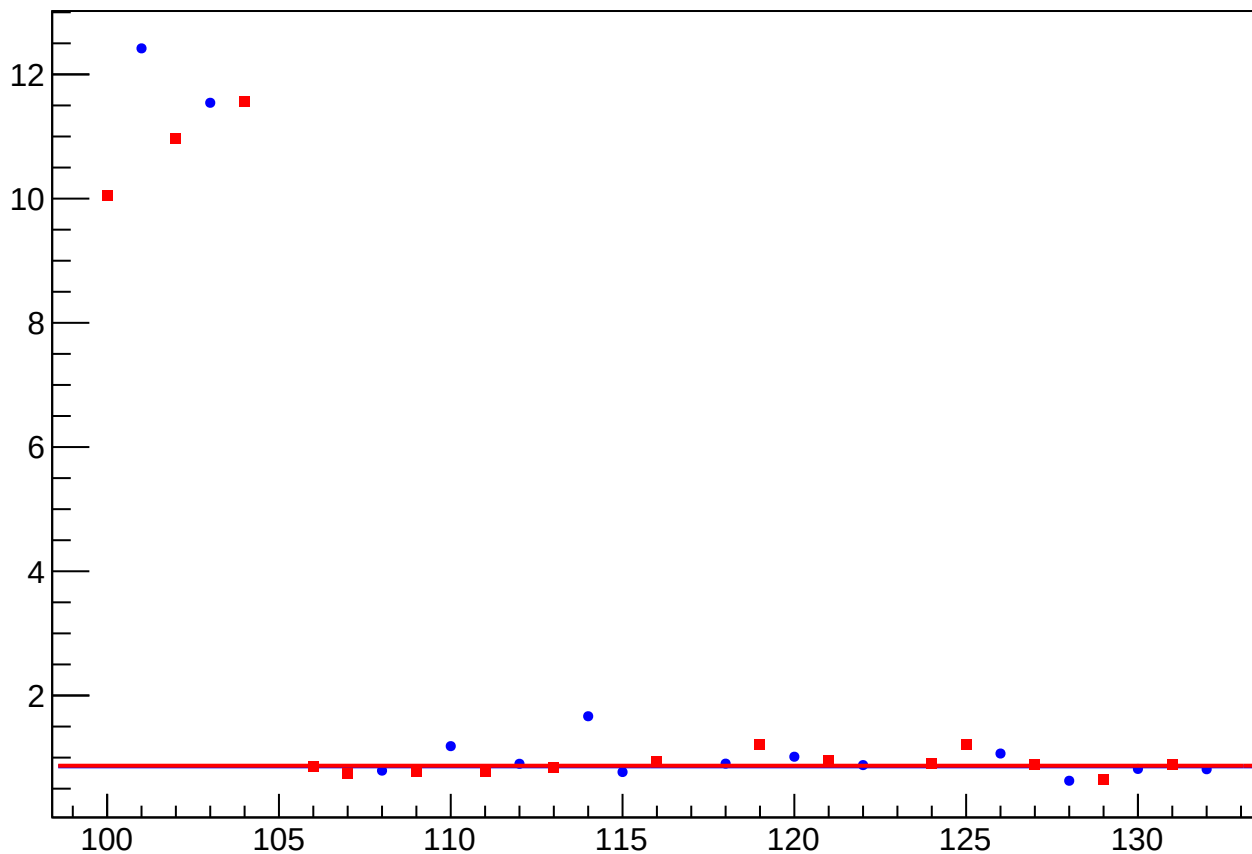
All: 0.055+/-0.000 χ^2/NDF : 12553280.9/29

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 165.125+/-0.000 χ^2/NDF : 14500595702.5/13
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 169.433+/-0.000 χ^2/NDF : 16191285275.9/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 167.301+/-0.000 χ^2/NDF : 30732933486.3/29

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.859+/-0.000 χ^2/NDF : 2296396.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.869+/-0.000 χ^2/NDF : 2180565.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

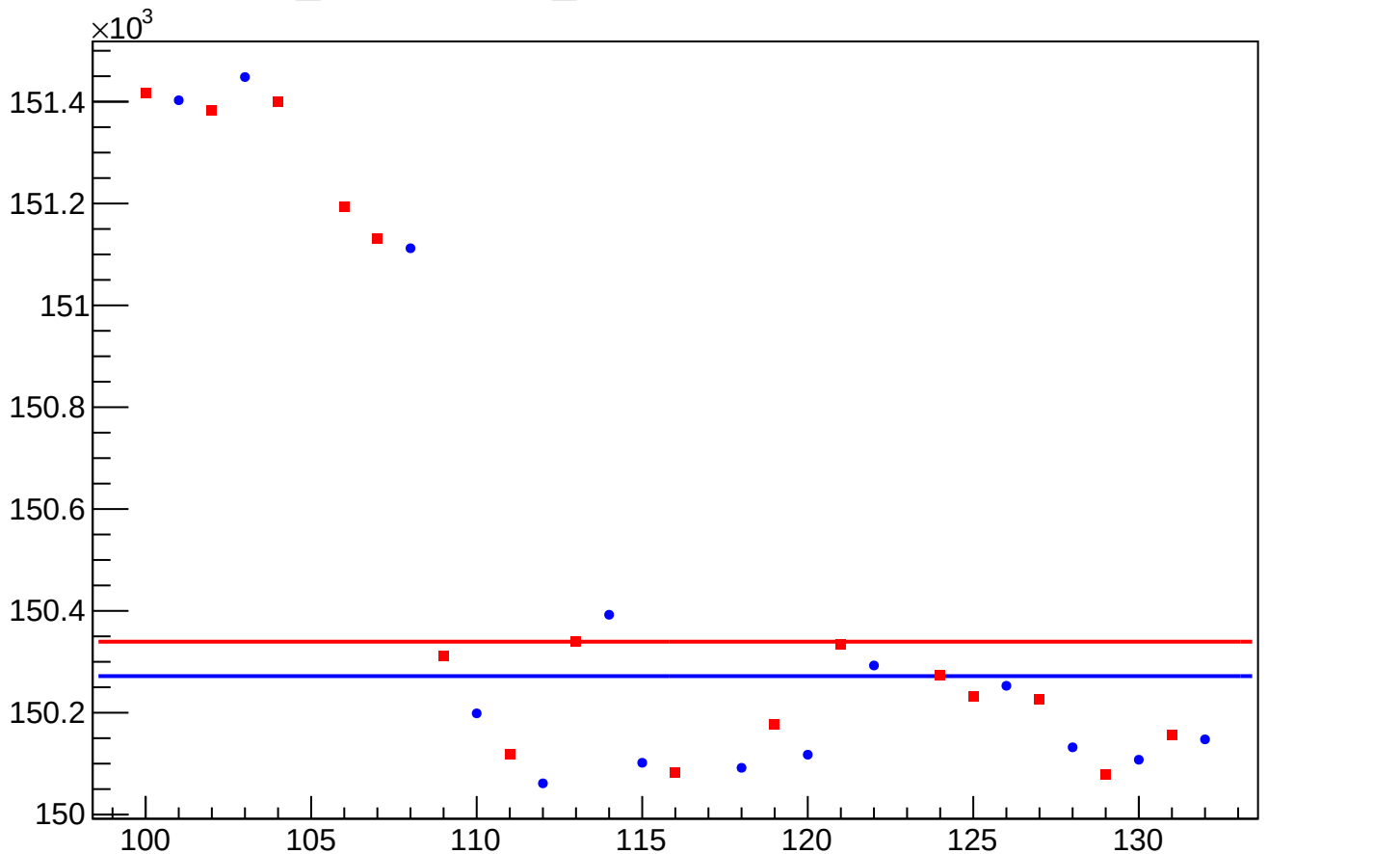
Right: 0.864+/-0.000 χ^2/NDF : 4477415.9/29

In: 0.859+/-0.000 χ^2/NDF : 2296396.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

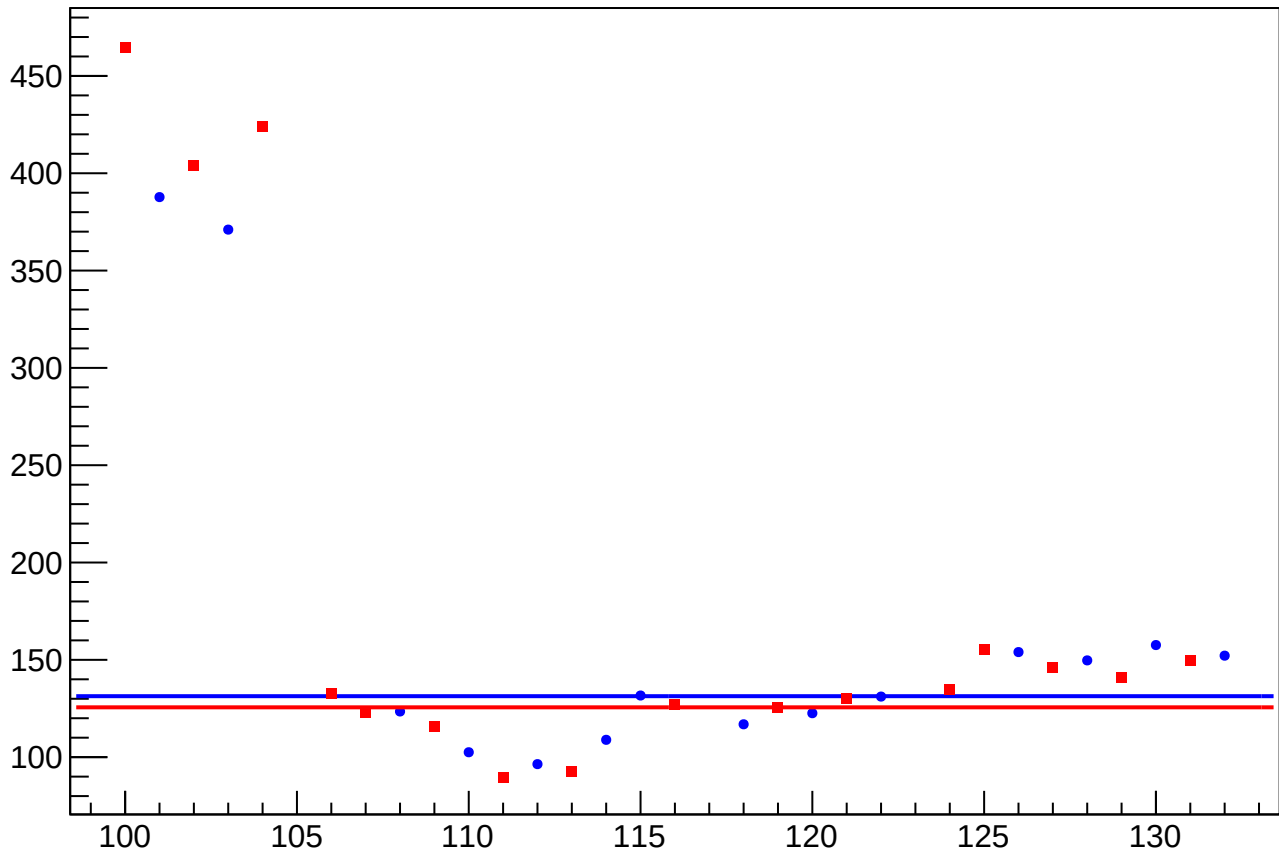
All: 0.864+/-0.000 χ^2/NDF : 4477415.9/29

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 150271.874 ± 0.059 $\chi^2/\text{NDF}: 34689083.9/13$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 150339.499 ± 0.054 $\chi^2/\text{NDF}: 38067721.9/15$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 150308.338 ± 0.040 $\chi^2/\text{NDF}: 73473861.7/29$

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 131.326+/-0.041 χ^2/NDF : 1323487.6/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 125.600+/-0.038 χ^2/NDF : 1535220.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

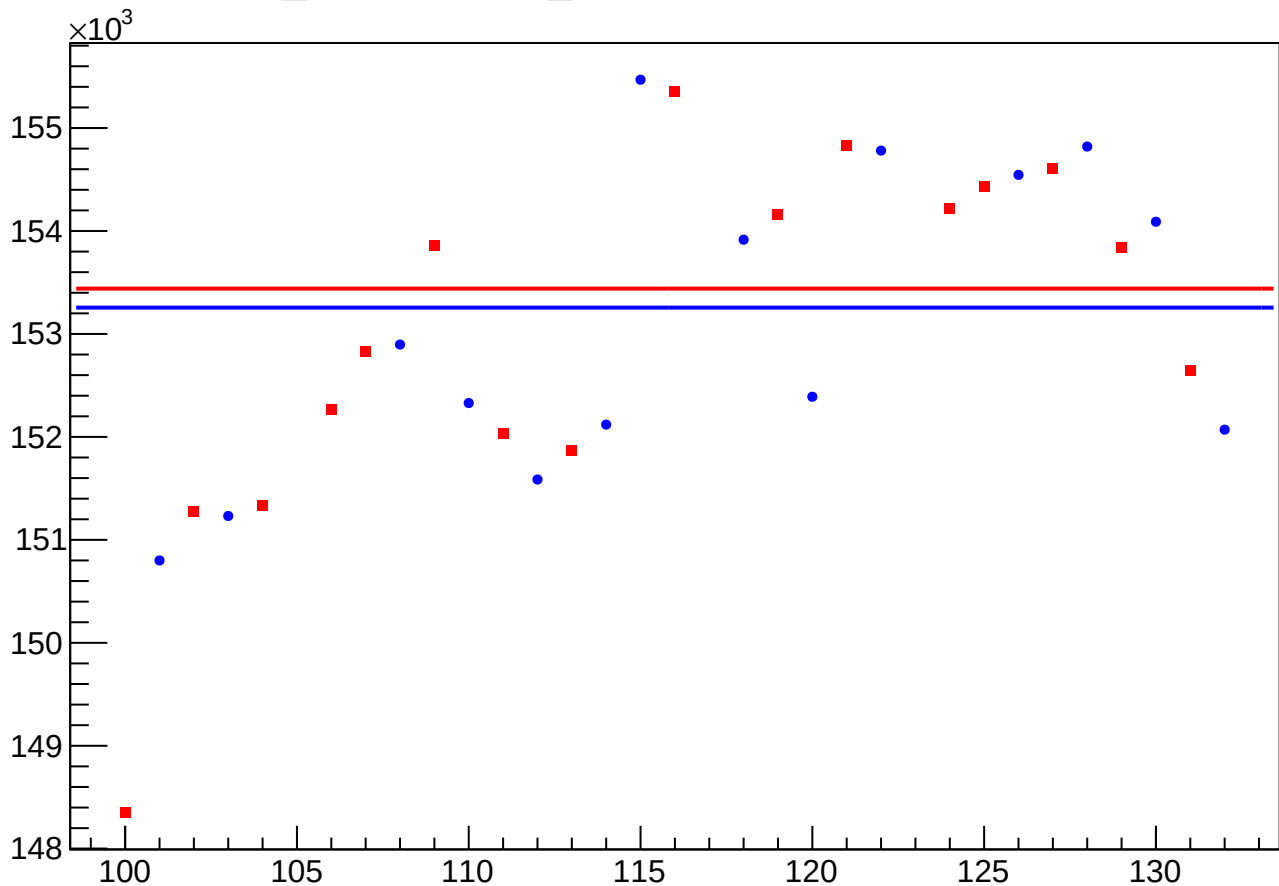
Right: 128.239+/-0.028 χ^2/NDF : 2868991.2/29

In: 131.326+/-0.041 χ^2/NDF :1323487.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 128.239+/-0.028 χ^2/NDF : 2868991.2/29

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 153255.709+/-0.081 χ^2 /NDF: 258924008.2/13

Right: 153358.399+/-0.054 χ^2 /NDF: 527027560.8/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 153440.401+/-0.072 χ^2 /NDF: 265204862.5/15

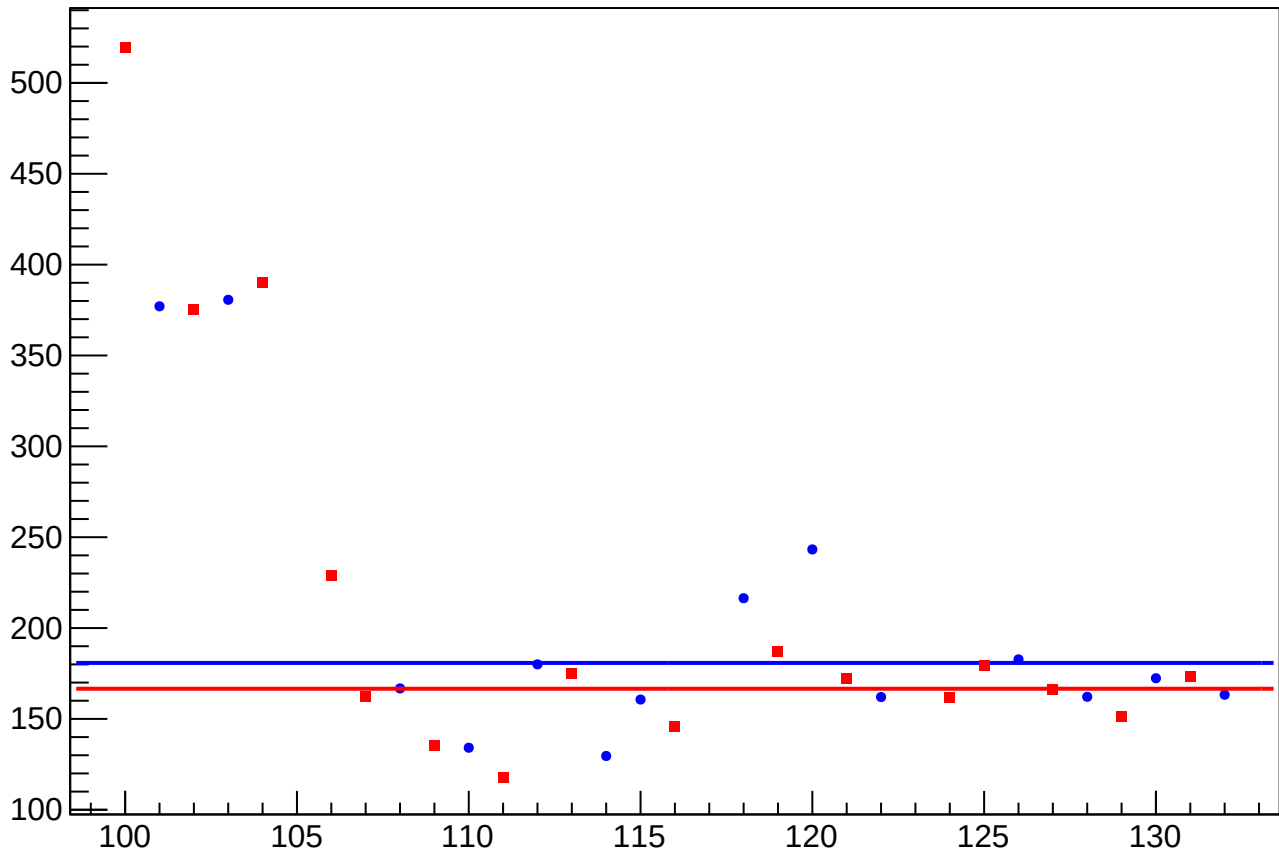
In: 153255.709+/-0.081 χ^2 /NDF: 258924008.2/13

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 153358.399+/-0.054 χ^2 /NDF: 527027560.8/2

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 180.812 $\pm$ 0.057 χ^2 /NDF: 907725.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 166.613 $\pm$ 0.051 χ^2 /NDF: 1075753.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

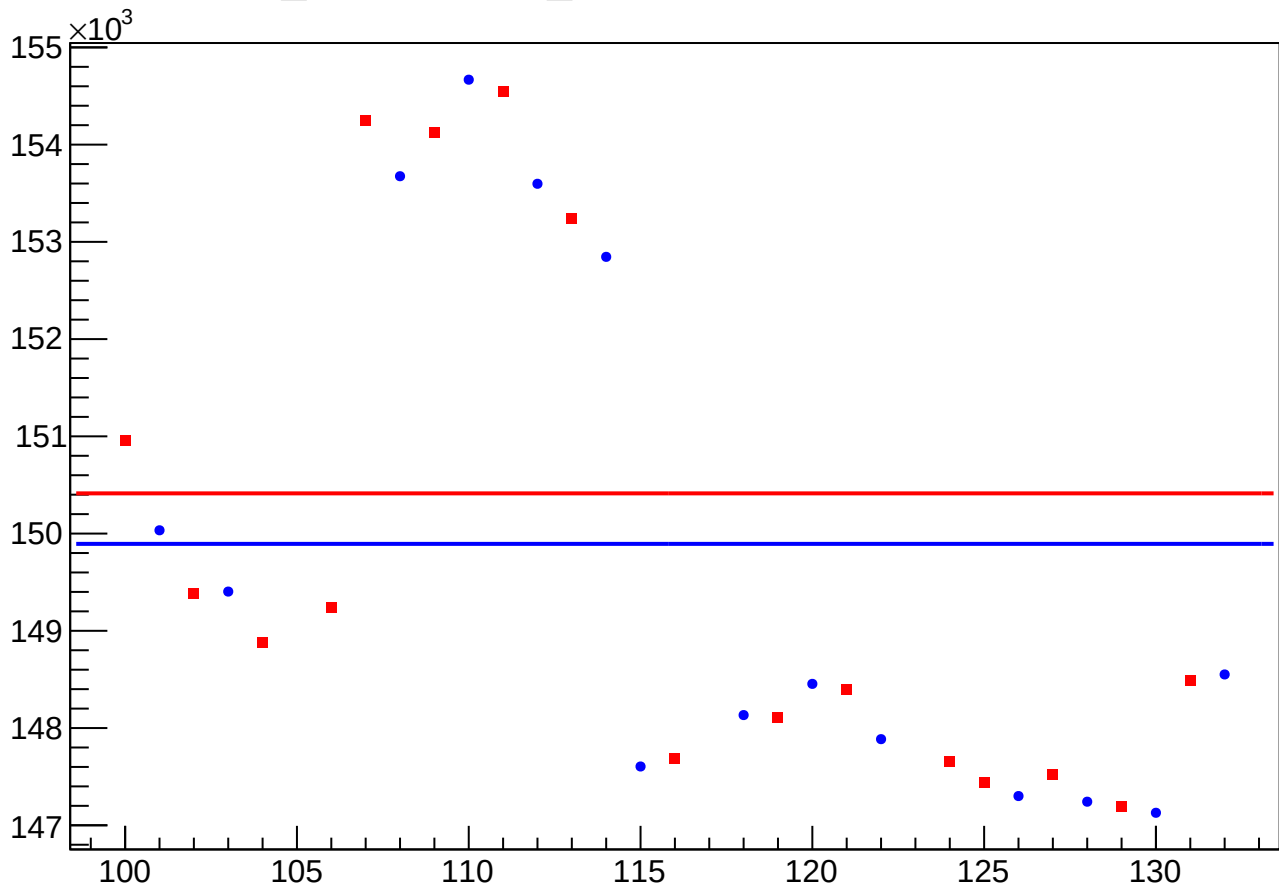
Right: 172.917 $\pm$ 0.038 χ^2 /NDF: 2017745.0/29

In: 180.812 $\pm$ 0.057 χ^2 /NDF:907725.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

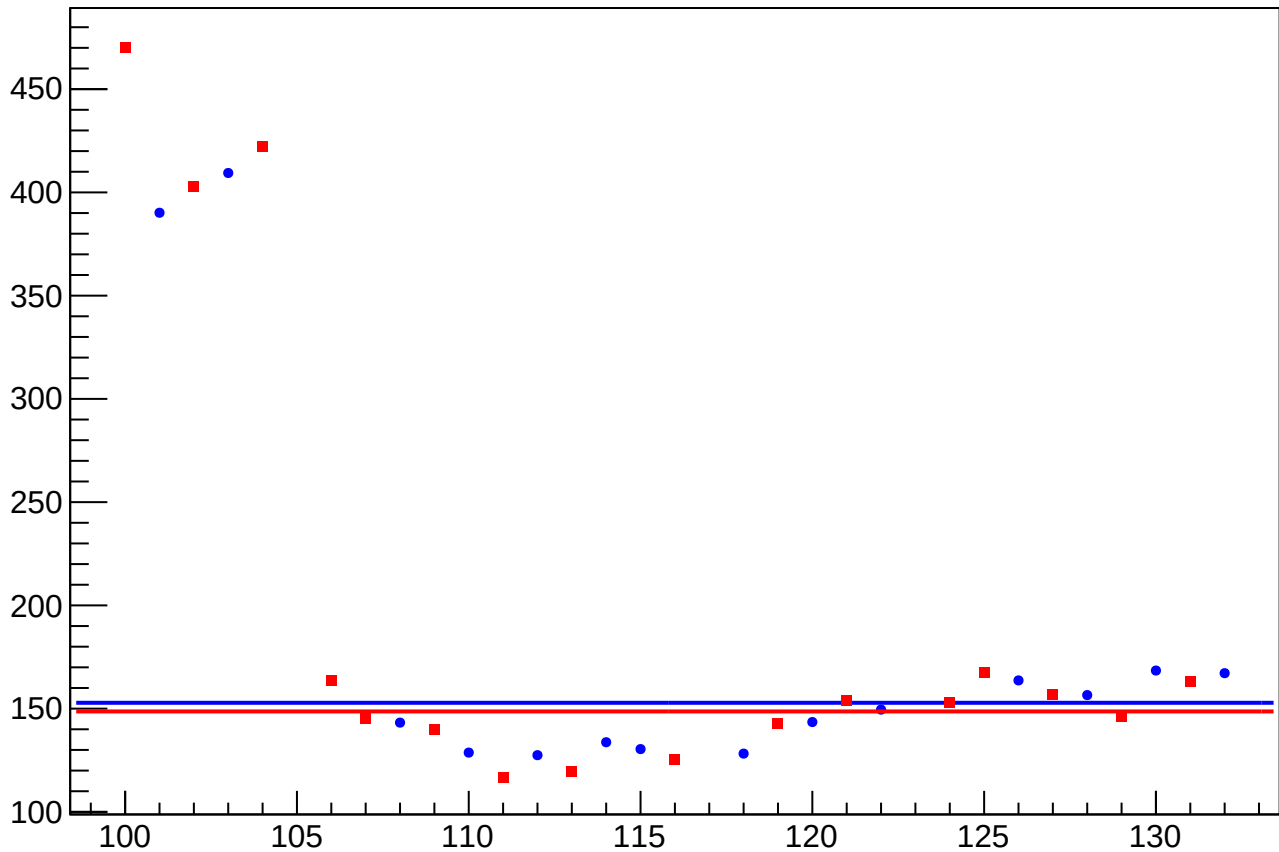
All: 172.917 $\pm$ 0.038 χ^2 /NDF: 2017745.0/29

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 149894.111+/-0.067 χ^2 /NDF: 1811512023.2/13
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 150167.646+/-0.046 χ^2 /NDF: 4059636184.4/13
 In: 149894.111+/-0.067 χ^2 /NDF: 1811512023.2/13
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 150167.646+/-0.046 χ^2 /NDF: 4059636184.4/13

yield_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 152.833+/-0.048 χ^2/NDF : 1094258.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 148.638+/-0.045 χ^2/NDF : 1179449.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

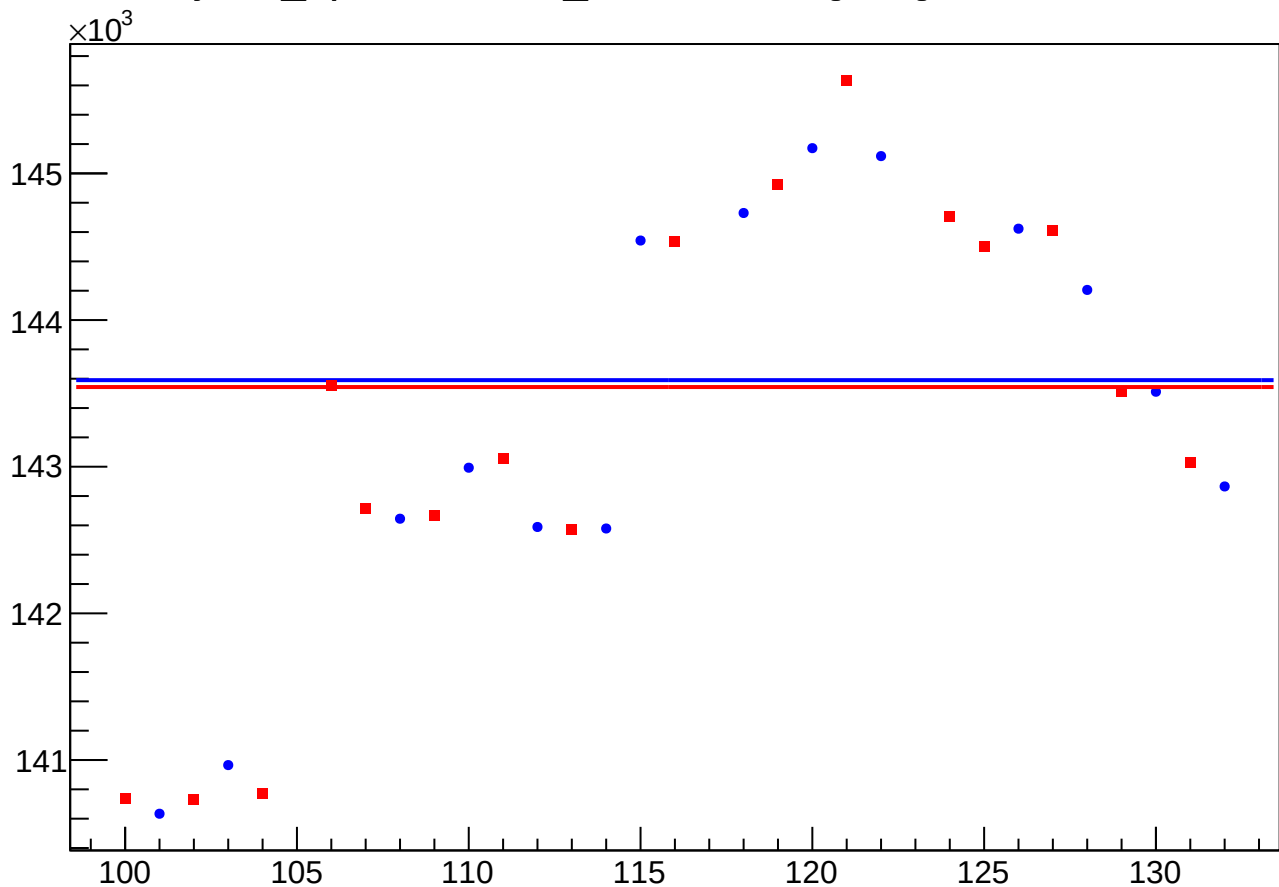
Right: 150.624+/-0.033 χ^2/NDF : 2277802.7/29

In: 152.833+/-0.048 χ^2/NDF : 1094258.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.624+/-0.033 χ^2/NDF : 2277802.7/29

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 143590.236+/-0.057 χ^2 /NDF: 375696766.7/13

Right: 143564.929+/-0.039 χ^2 /NDF: 783498801.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 143543.230+/-0.053 χ^2 /NDF: 407437907.2/15

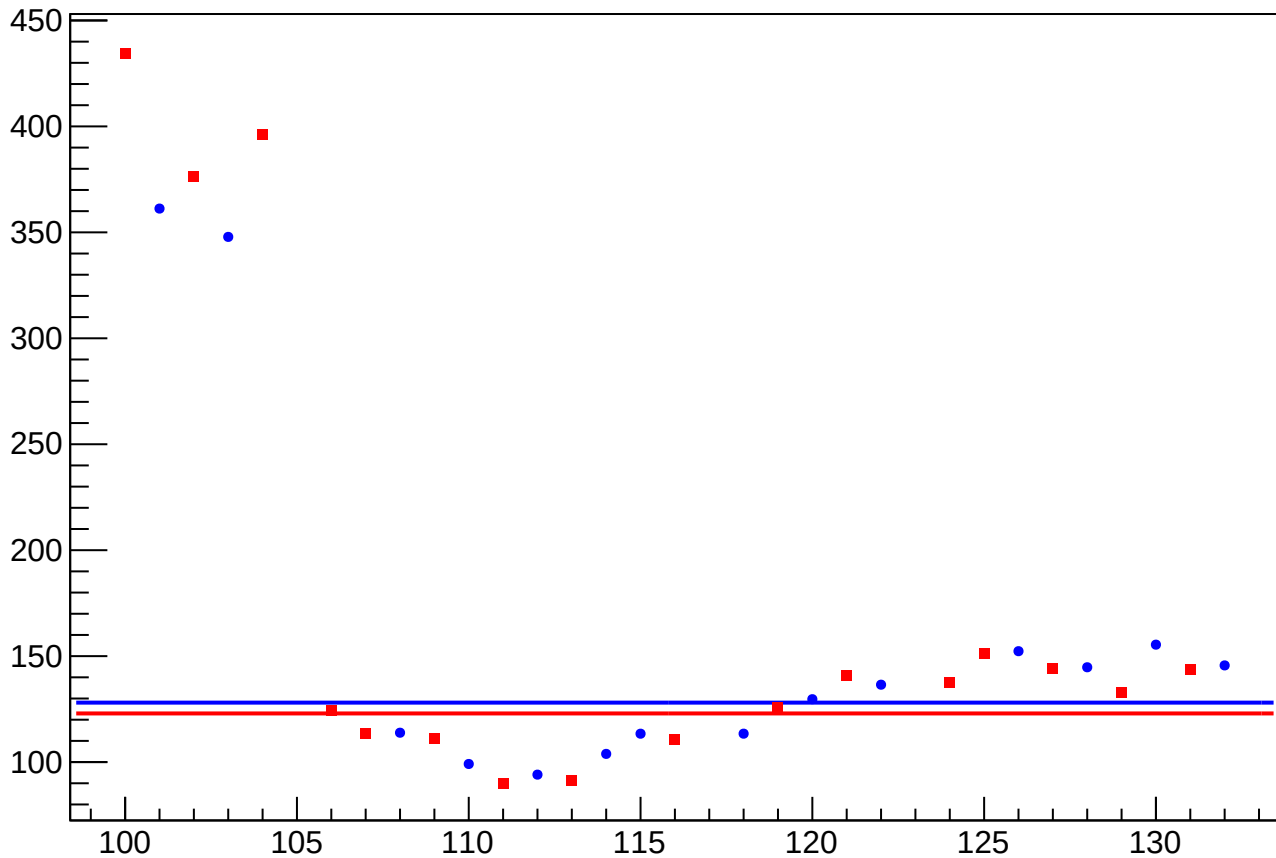
In: 143590.236+/-0.057 χ^2 /NDF: 375696766.7/13

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 143564.929+/-0.039 χ^2 /NDF: 783498801.2/2

yield_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 128.062+/-0.040 χ^2/NDF : 1299824.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.956+/-0.037 χ^2/NDF : 1476518.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

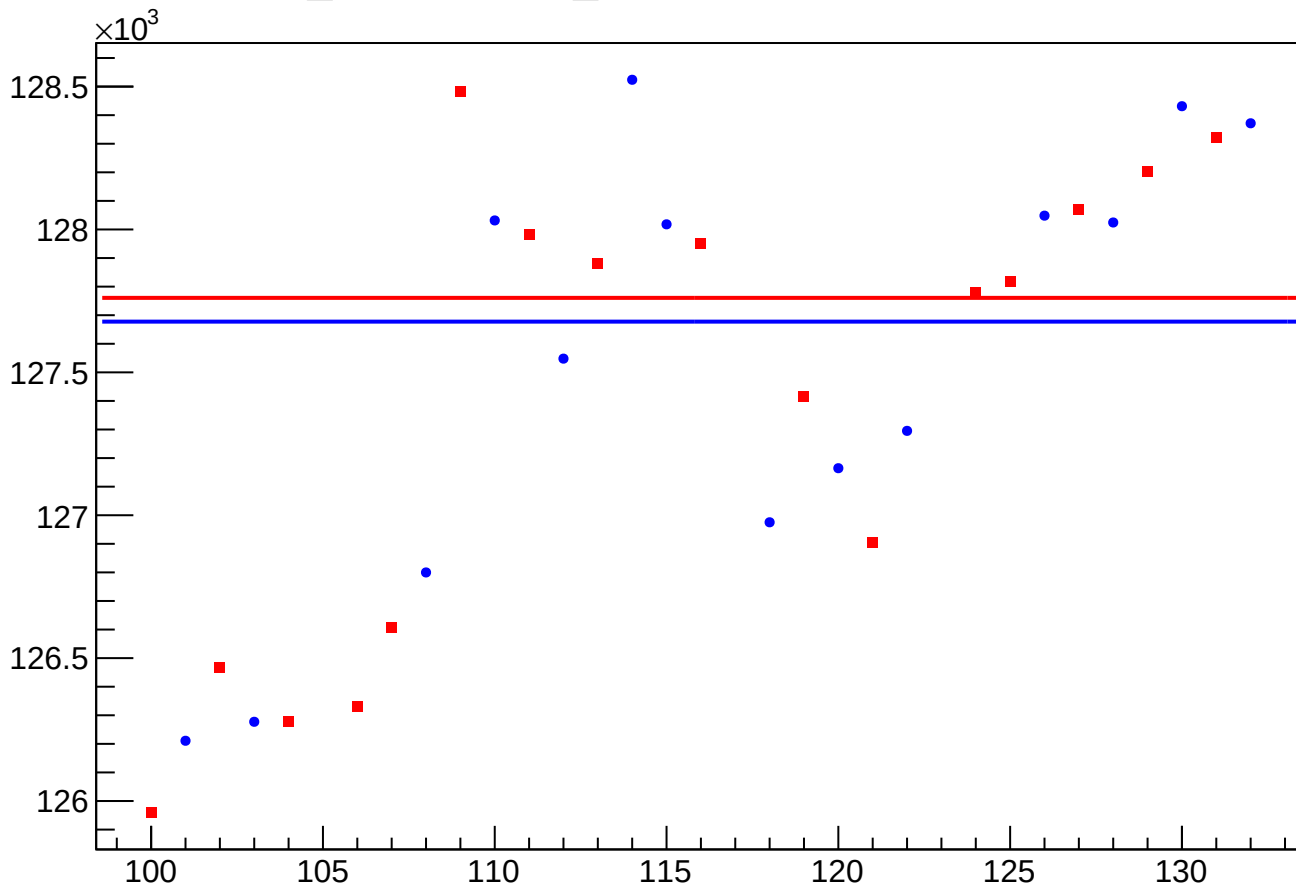
Right: 125.313+/-0.027 χ^2/NDF : 2784936.1/29

In: 128.062+/-0.040 χ^2/NDF : 1299824.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.313+/-0.027 χ^2/NDF : 2784936.1/29

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 127677.514+/-0.064 χ^2 /NDF: 99201368.8/13

Right: 127722.670+/-0.043 χ^2 /NDF: 203461797.6/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 127760.666+/-0.059 χ^2 /NDF: 103348128.2/15

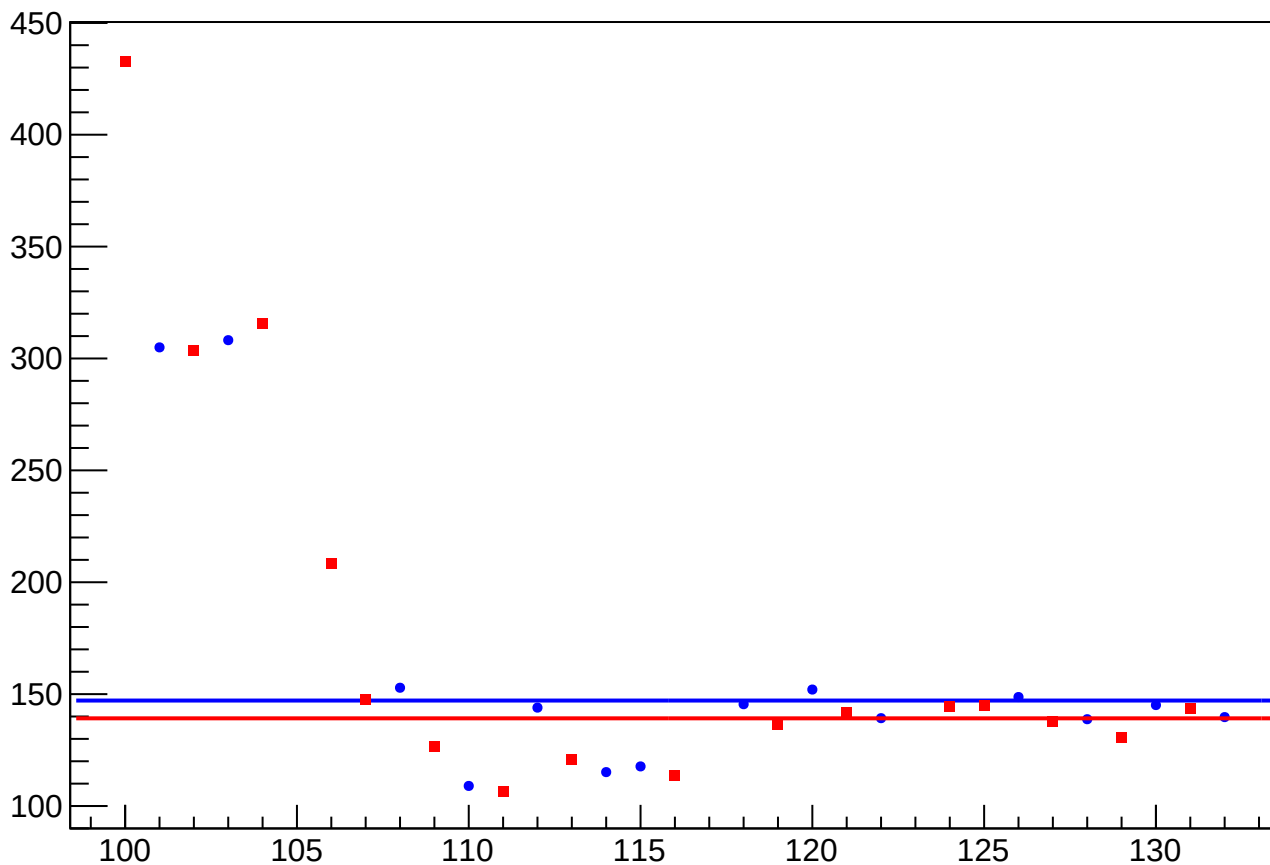
In: 127677.514+/-0.064 χ^2 /NDF: 99201368.8/13

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 127722.670+/-0.043 χ^2 /NDF: 203461797.6/2

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 147.133+/-0.045 χ^2/NDF : 811041.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.182+/-0.042 χ^2/NDF : 974860.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

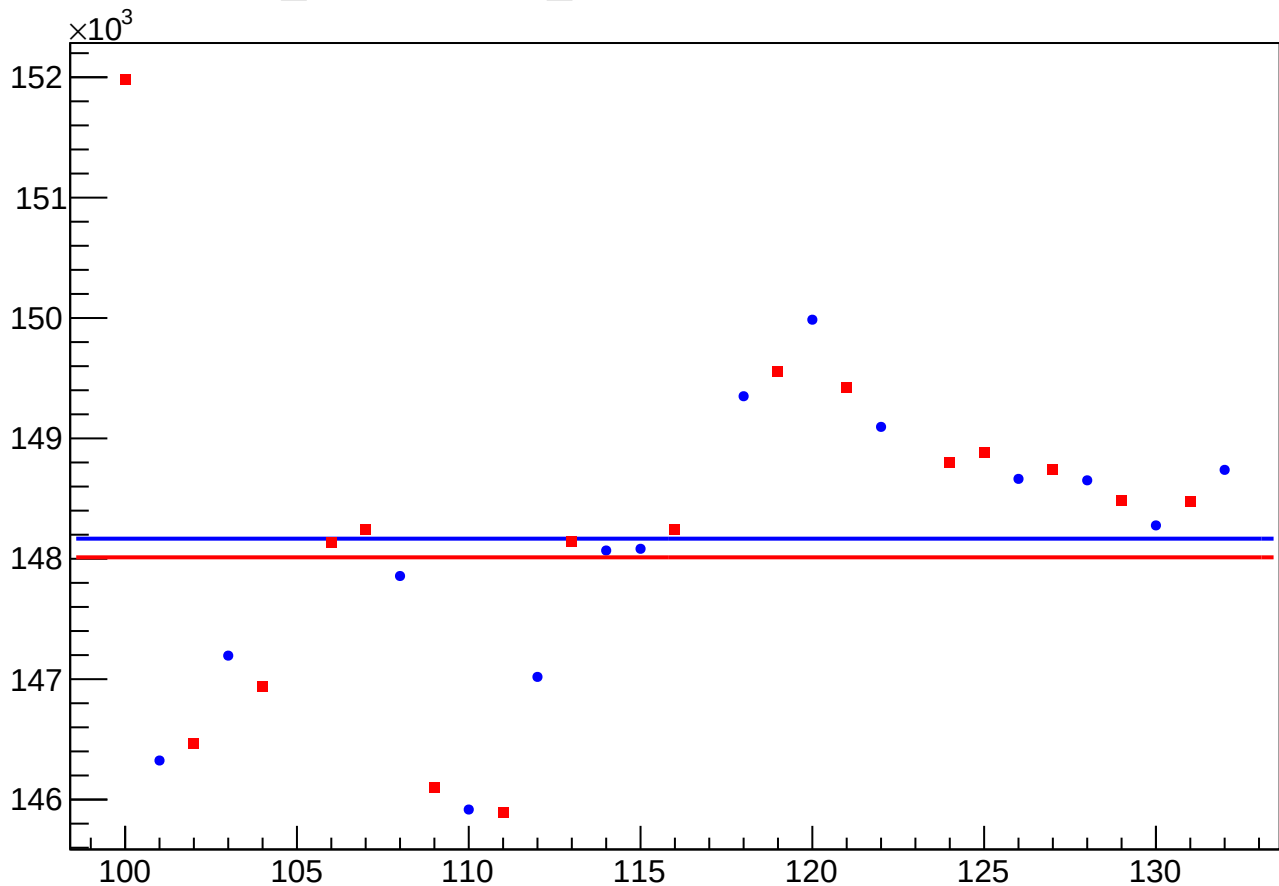
Right: 142.815+/-0.031 χ^2/NDF : 1802586.8/29

In: 147.133+/-0.045 χ^2/NDF : 811041.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

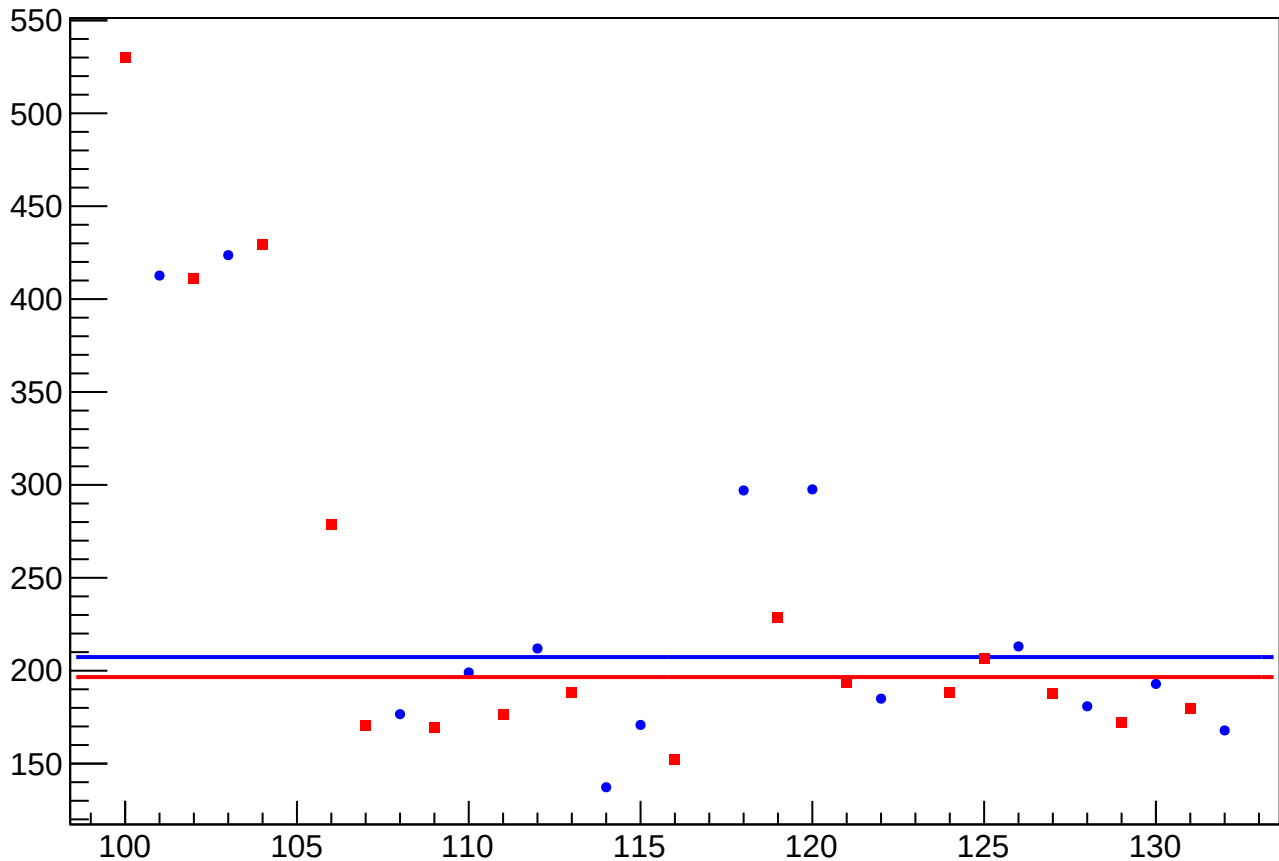
All: 142.815+/-0.031 χ^2/NDF : 1802586.8/29

yield_bpm0l02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 148167.186+/-0.091 χ^2 /NDF: 115586466.6/13
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right Out: 148012.109+/-0.083 χ^2 /NDF: 213633949.5/15
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 148082.554+/-0.061 χ^2 /NDF: 330800239.9/2

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 207.342+/-0.064 χ^2/NDF : 971423.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 196.572+/-0.059 χ^2/NDF : 899058.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

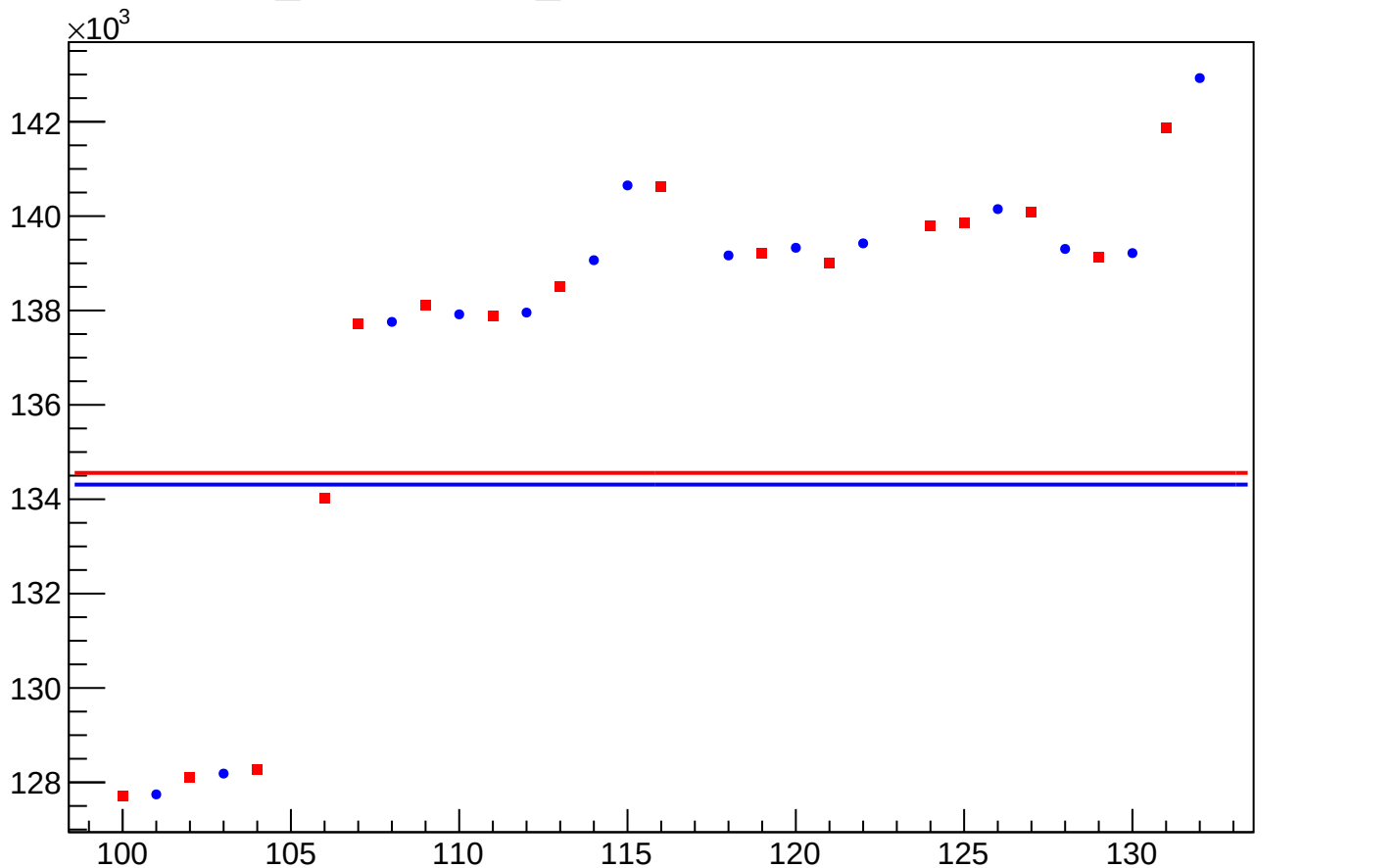
Right: 201.464+/-0.043 χ^2/NDF : 1885722.5/29

In: 207.342+/-0.064 χ^2/NDF : 971423.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

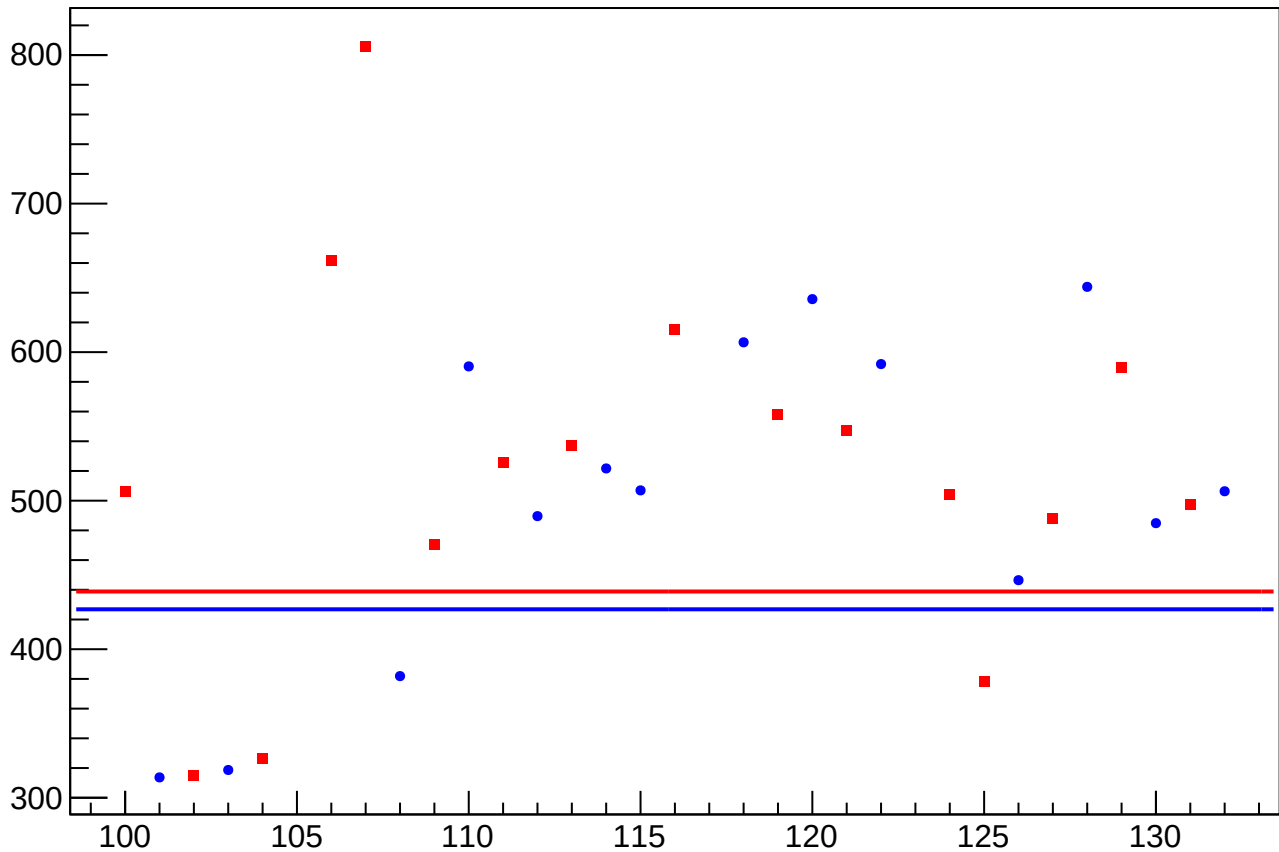
All: 201.464+/-0.043 χ^2/NDF : 1885722.5/29

yield_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: 134310.589 $\pm$ 0.188 χ^2 /NDF: 945270162.4/13
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 134434.156 $\pm$ 0.133 χ^2 /NDF: 1791574891.8
 In: 134310.589 $\pm$ 0.188 χ^2 /NDF: 945270162.4/13
 Right Out: 134558.041 $\pm$ 0.188 χ^2 /NDF: 845440569.1/15
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 134434.156 $\pm$ 0.133 χ^2 /NDF: 1791574891.8

yield_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 426.866+/-0.133 χ^2/NDF : 752563.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 438.846+/-0.133 χ^2/NDF : 747159.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

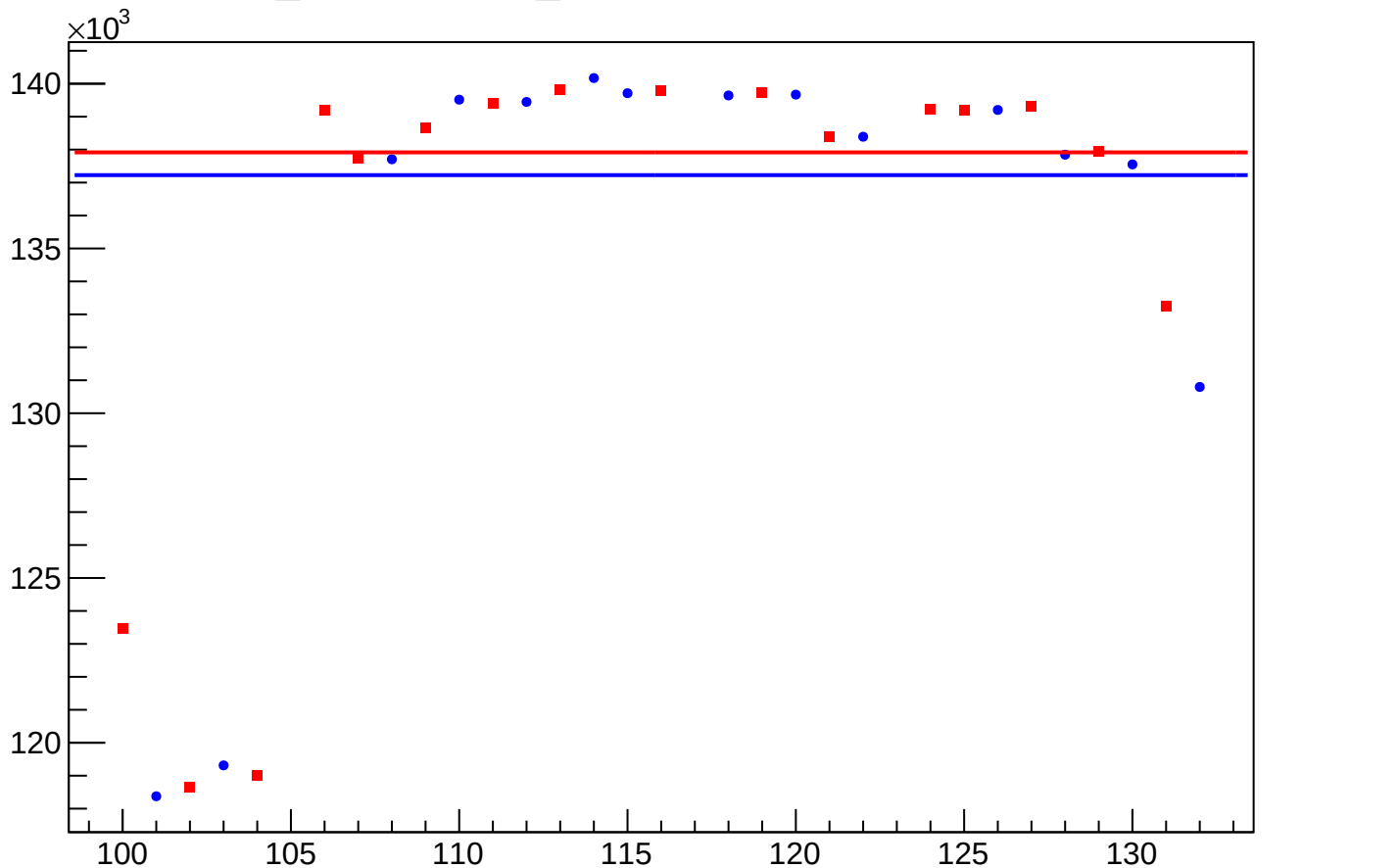
Right: 432.848+/-0.094 χ^2/NDF : 1503773.9/29

In: 426.866+/-0.133 χ^2/NDF : 752563.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

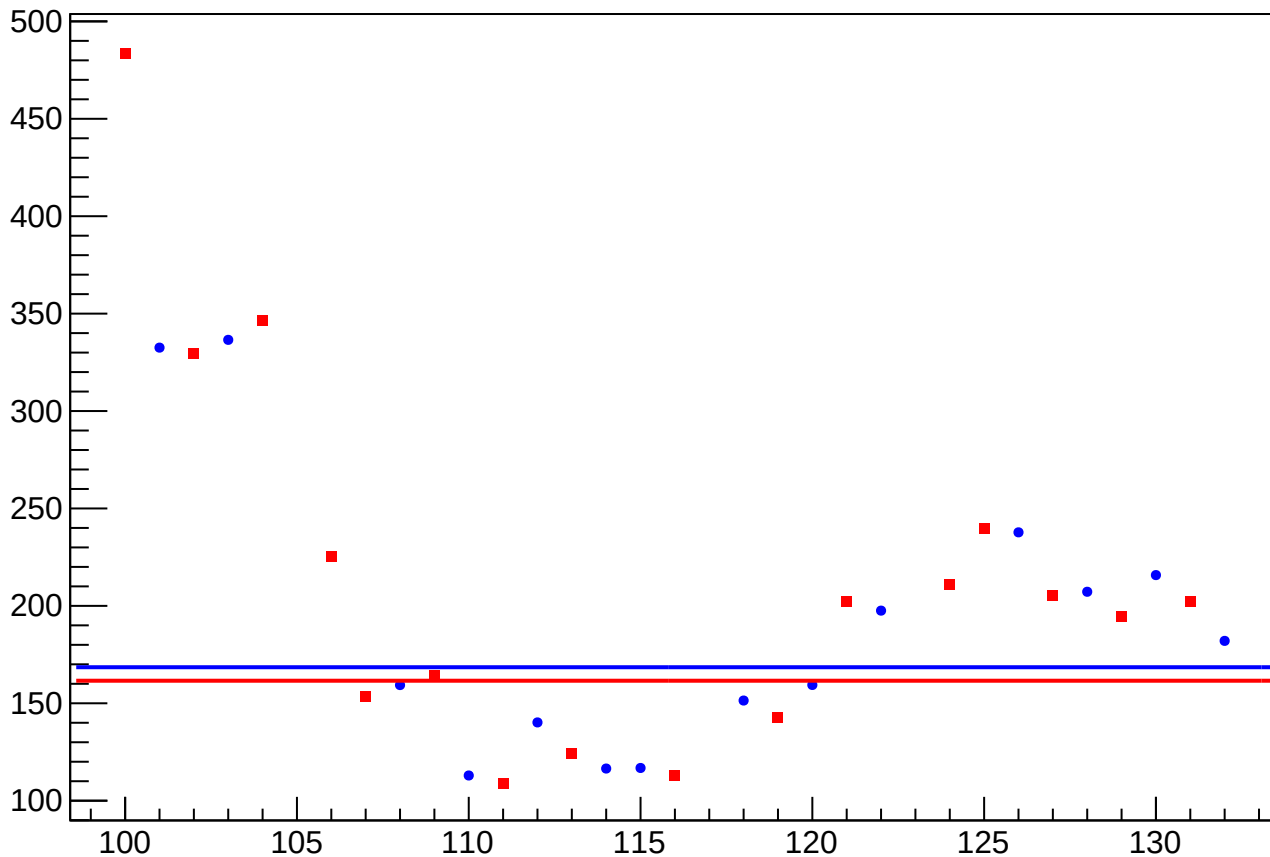
All: 432.848+/-0.094 χ^2/NDF : 1503773.9/29

yield_bpm0l04WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 137225.838+/-0.075 χ^2 /NDF: 4978470361.6/13
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right Out: 137916.100+/-0.070 χ^2 /NDF: 4427597616.7/15
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 137594.761+/-0.051 χ^2 /NDF: 9451701628.9/13

yield_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 168.507+/-0.053 χ^2/NDF : 1100078.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 161.579+/-0.049 χ^2/NDF : 1346528.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

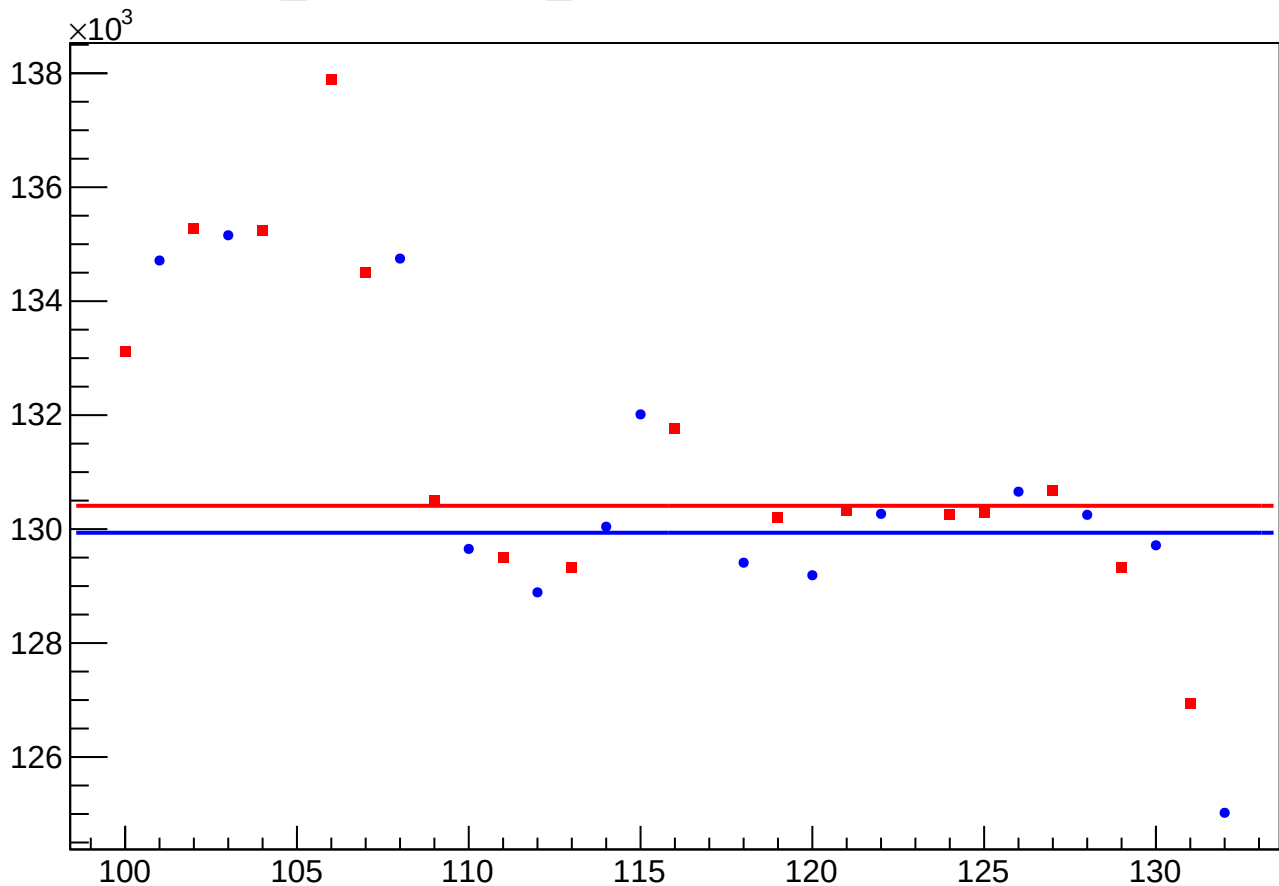
Right: 164.804+/-0.036 χ^2/NDF : 2455802.1/29

In: 168.507+/-0.053 χ^2/NDF : 1100078.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

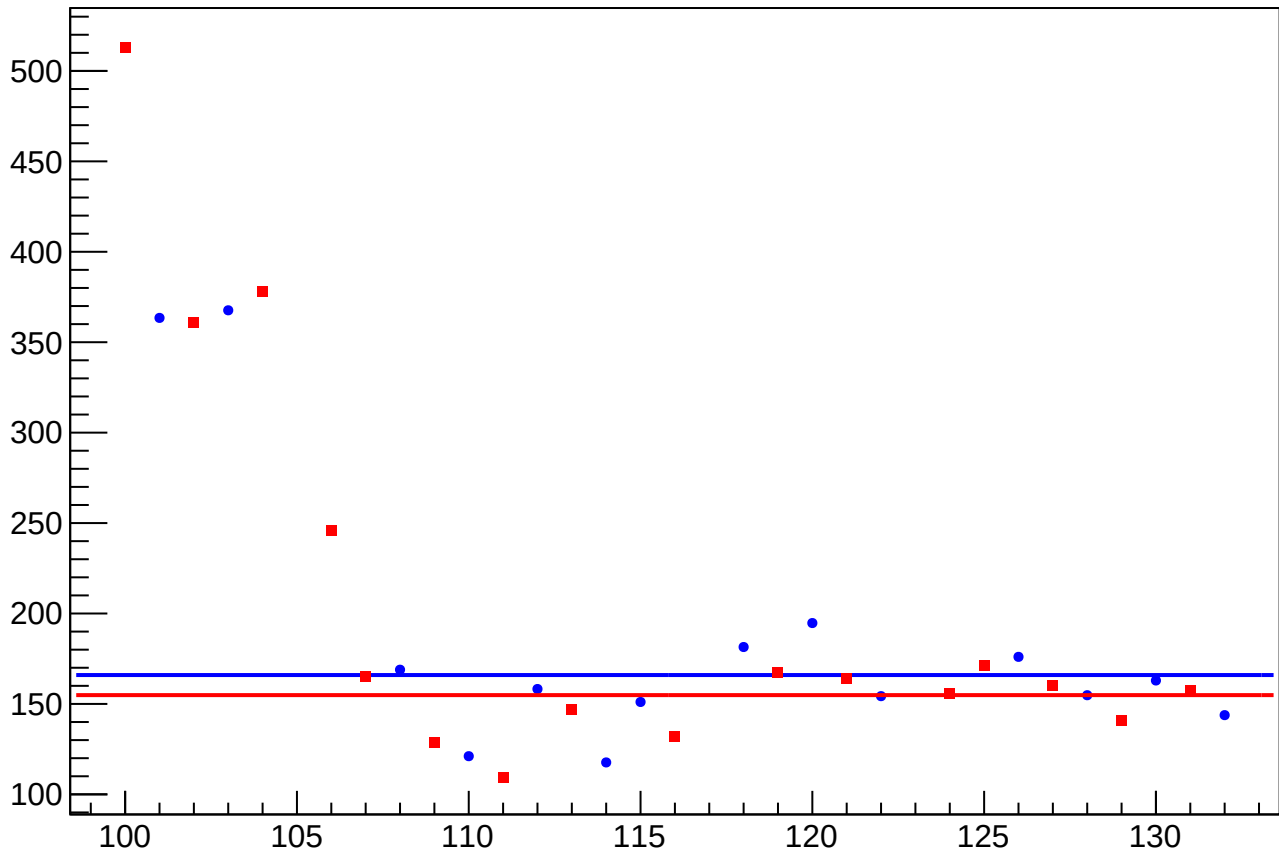
All: 164.804+/-0.036 χ^2/NDF : 2455802.1/29

yield_bpm0l05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 129936.078+/-0.074 χ^2 /NDF: 1112220534.2/13
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 130195.495+/-0.049 χ^2 /NDF: 2028197132.8/13
 In: 129936.078+/-0.074 χ^2 /NDF: 1112220534.2/13
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 130195.495+/-0.049 χ^2 /NDF: 2028197132.8/13

yield_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 165.970+/-0.052 χ^2/NDF : 937467.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.871+/-0.047 χ^2/NDF : 1158292.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

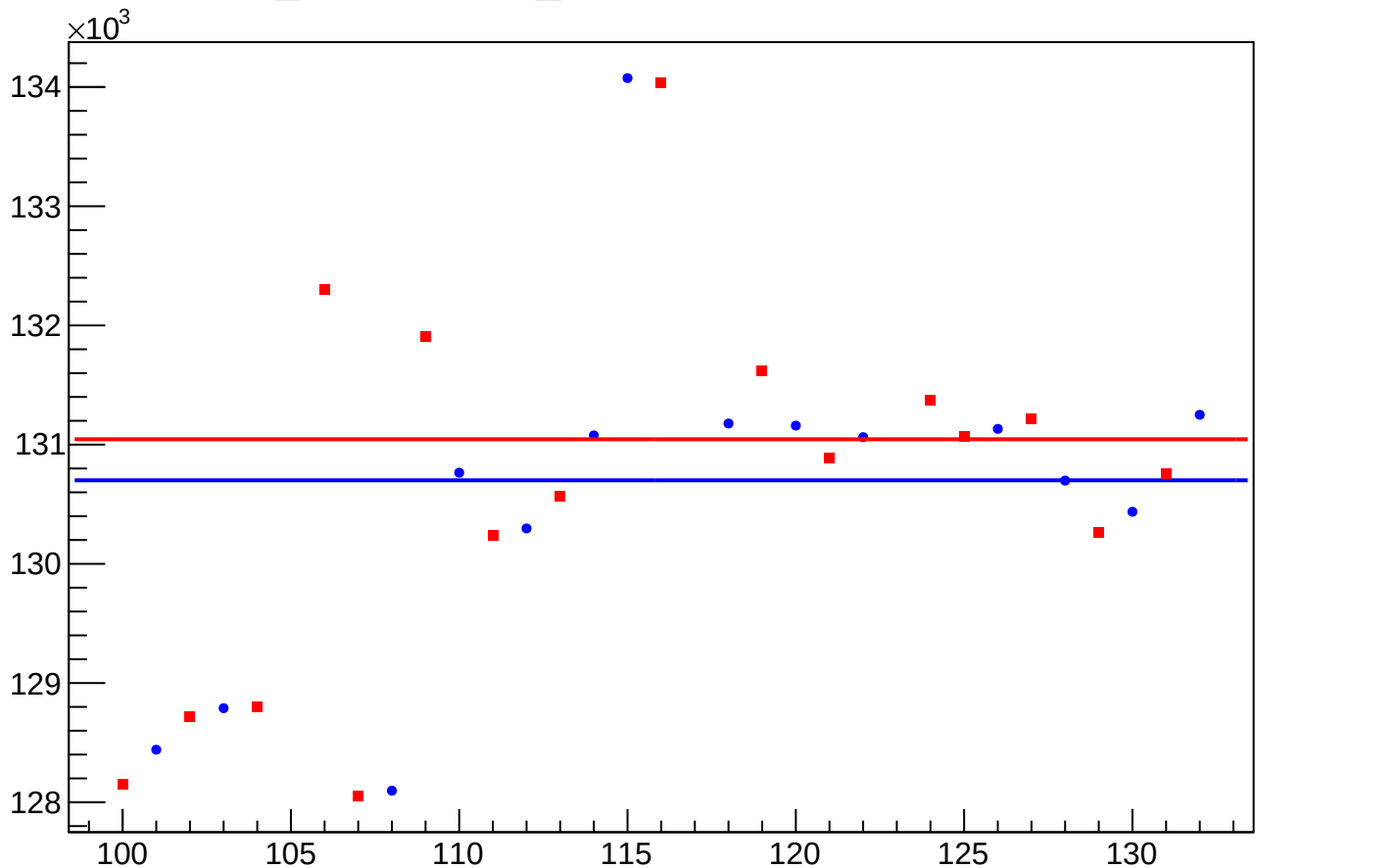
Right: 159.881+/-0.035 χ^2/NDF : 2120759.2/29

In: 165.970+/-0.052 χ^2/NDF : 937467.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

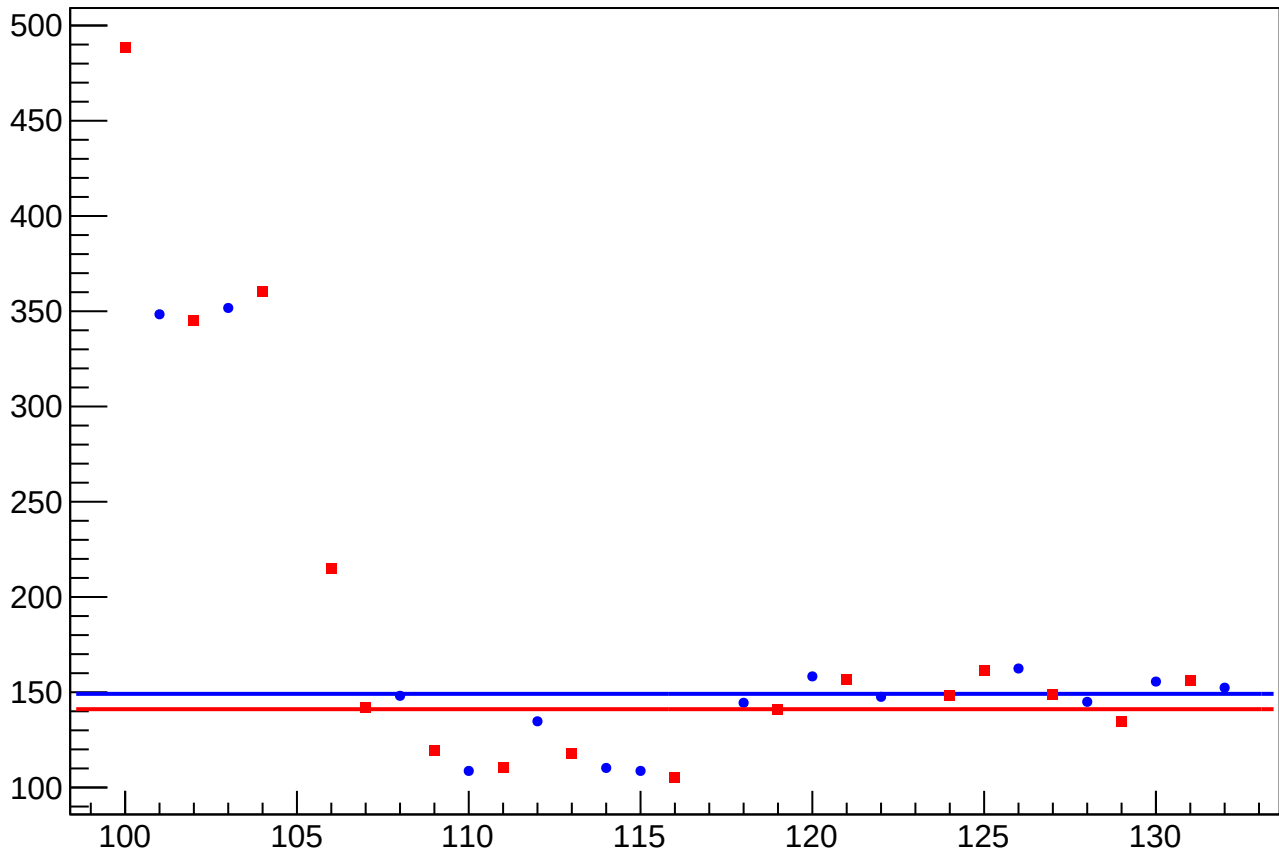
All: 159.881+/-0.035 χ^2/NDF : 2120759.2/29

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right In: 130700.732 ± 0.066 $\chi^2/\text{NDF}: 313972280.9/13$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right: 130887.520 ± 0.044 $\chi^2/\text{NDF}: 778298047.1/2$
 In: 130700.732 ± 0.066 $\chi^2/\text{NDF}: 313972280.9/13$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 130887.520 ± 0.044 $\chi^2/\text{NDF}: 778298047.1/2$

yield_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 149.157+/-0.046 χ^2/NDF : 1011124.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 141.106+/-0.043 χ^2/NDF : 1195692.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

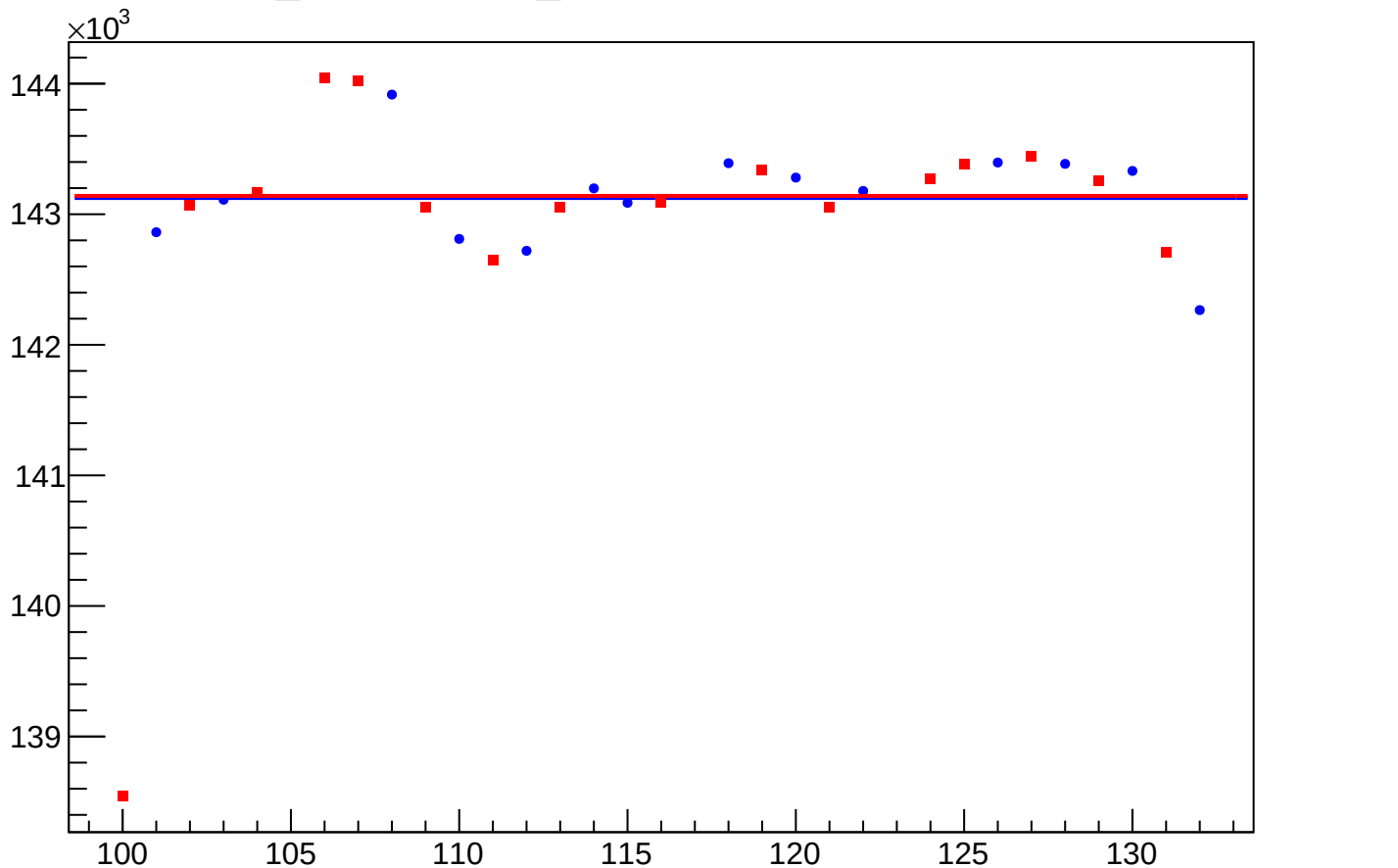
Right: 144.790+/-0.031 χ^2/NDF : 2223161.3/29

In: 149.157+/-0.046 χ^2/NDF : 1011124.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.790+/-0.031 χ^2/NDF : 2223161.3/29

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 143133.214+/-0.048 χ^2 /NDF: 64329163.7/29

In: 143124.398+/-0.071 χ^2 /NDF: 32743827.4/13

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 143133.214+/-0.048 χ^2 /NDF: 64329163.7/29

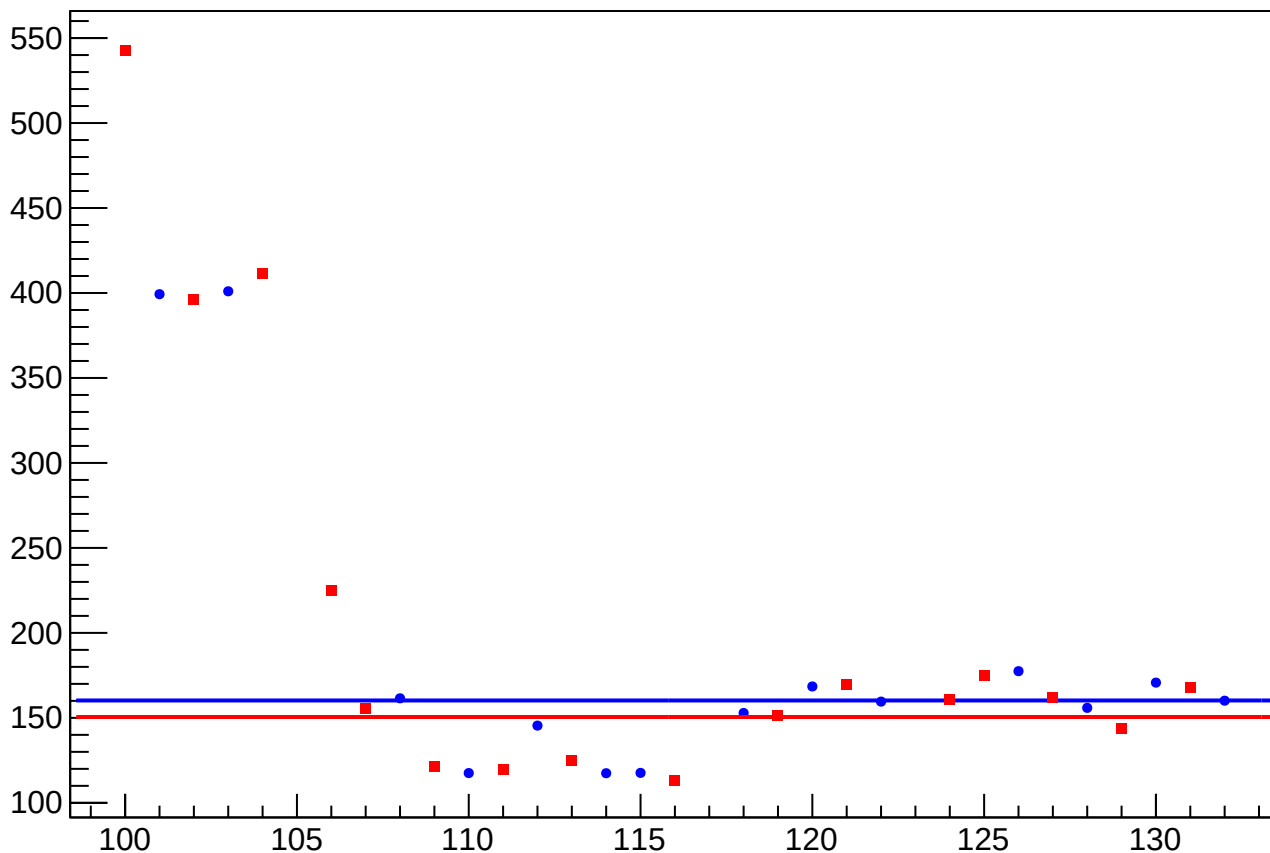
Right In: 143124.398+/-0.071 χ^2 /NDF: 32743827.4/13

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 143140.569+/-0.064 χ^2 /NDF: 31556723.6/15

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 160.238 $\pm$ 0.050 χ^2 /NDF: 1088086.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 150.511 $\pm$ 0.046 χ^2 /NDF: 1296635.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

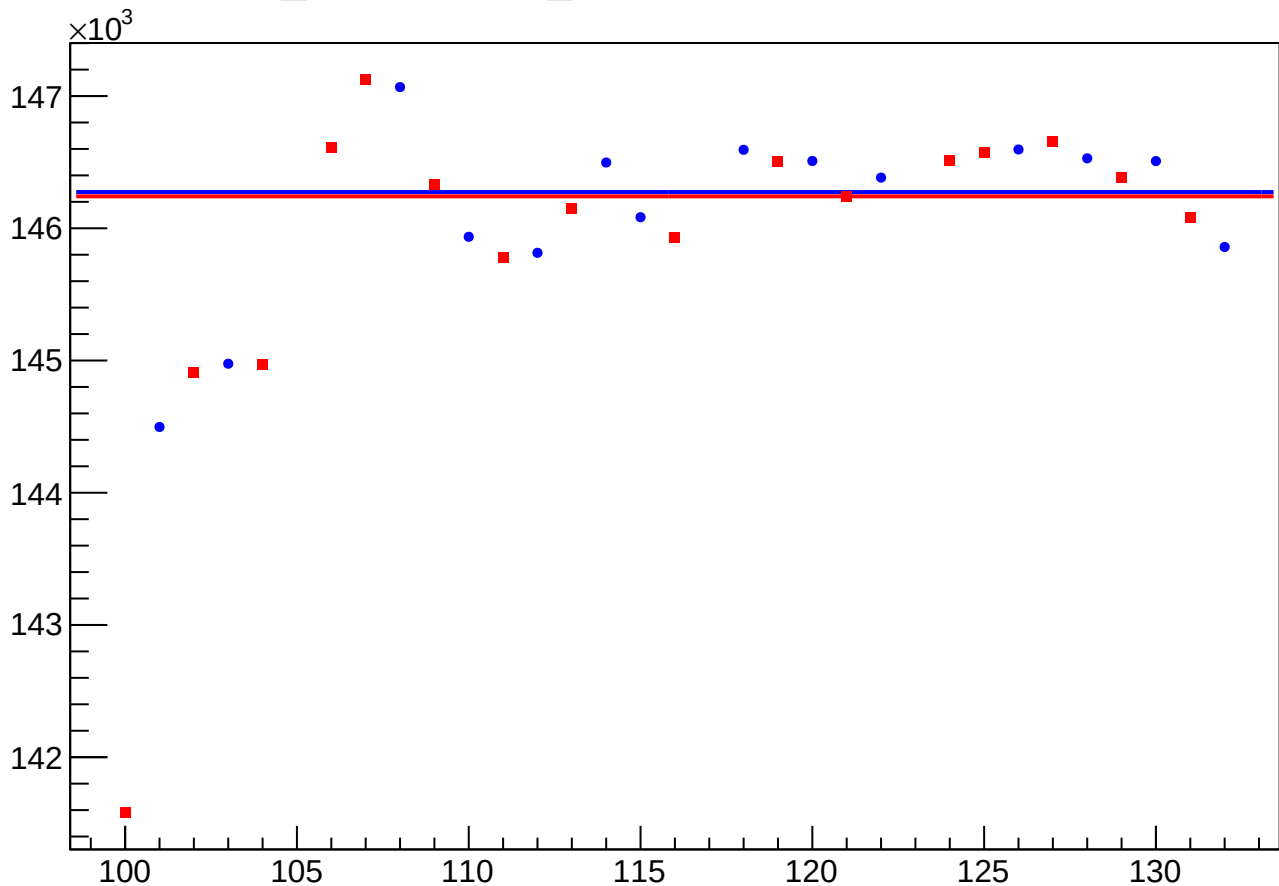
Right: 154.935 $\pm$ 0.034 χ^2 /NDF: 2405427.9/29

In: 160.238 $\pm$ 0.050 χ^2 /NDF:1088086.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 154.935 $\pm$ 0.034 χ^2 /NDF: 2405427.9/29

yield_bpm0l08WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 146273.940+/-0.073 χ^2 /NDF: 44697840.9/13

Right: 146256.147+/-0.049 χ^2 /NDF: 85944469.2/29

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

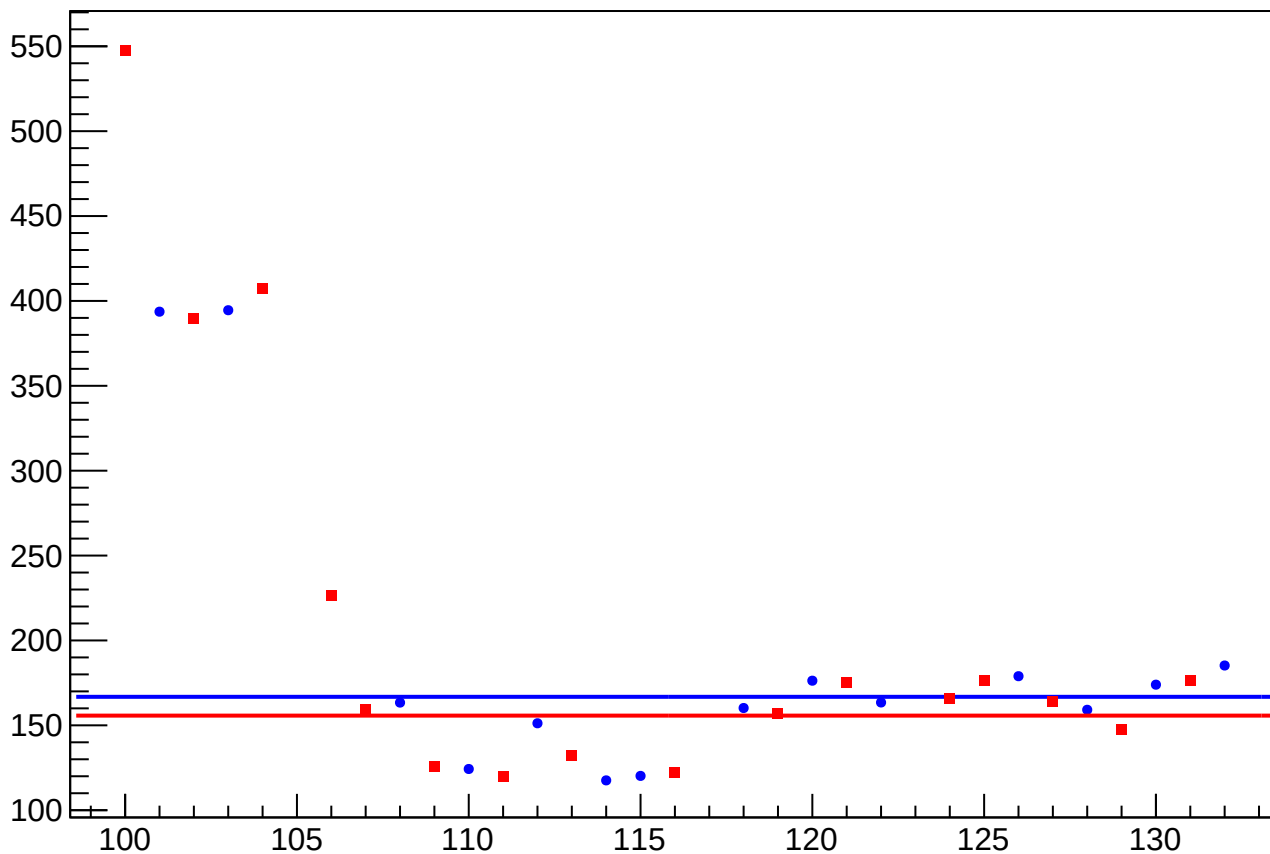
Right Out: 146241.535+/-0.066 χ^2 /NDF: 41139455.9/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 146256.147+/-0.049 χ^2 /NDF: 85944469.2/29

yield_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 166.794+/-0.052 χ^2/NDF : 1028036.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.721+/-0.047 χ^2/NDF : 1228653.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

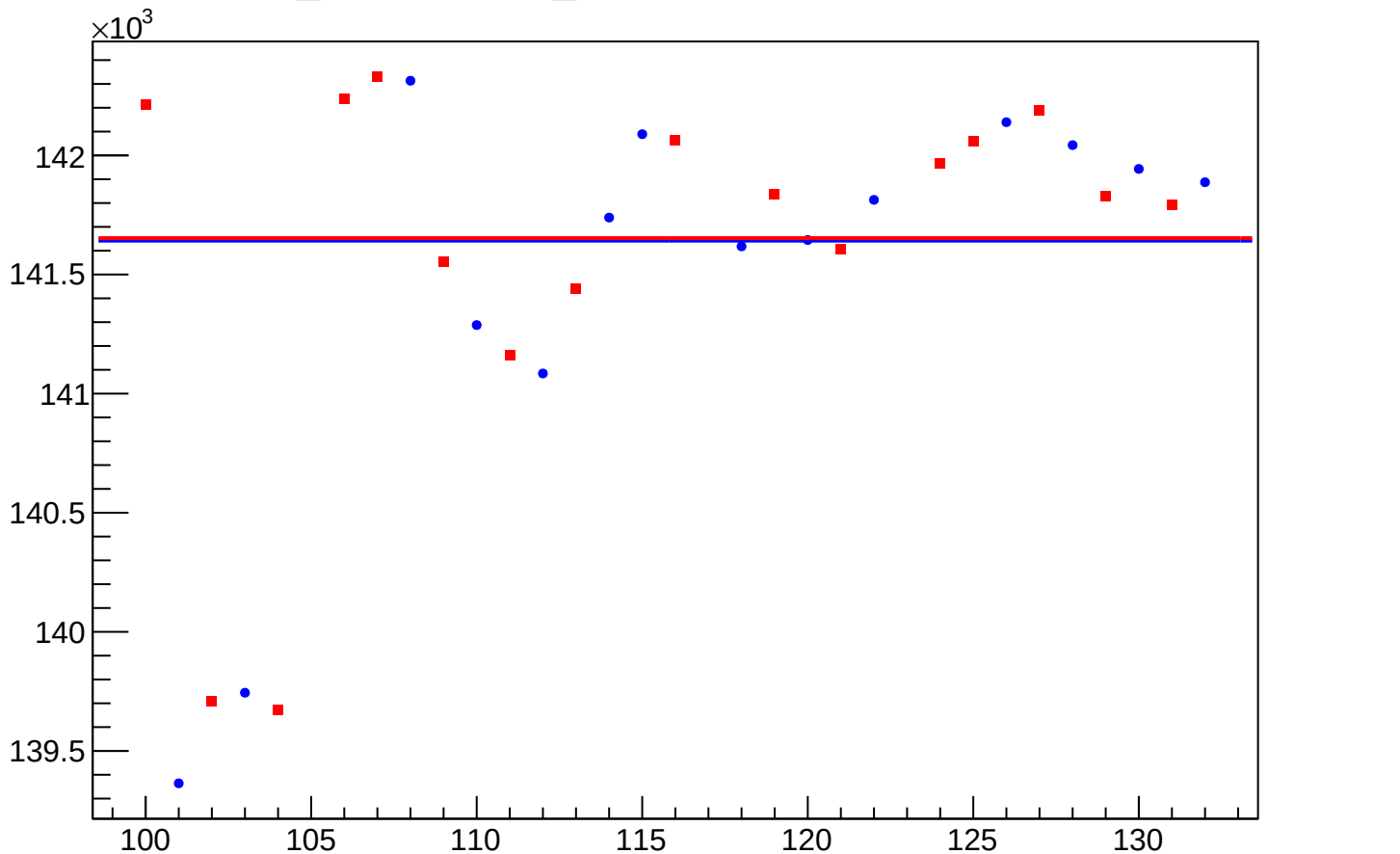
Right: 160.714+/-0.035 χ^2/NDF : 2281716.2/29

In: 166.794+/-0.052 χ^2/NDF : 1028036.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

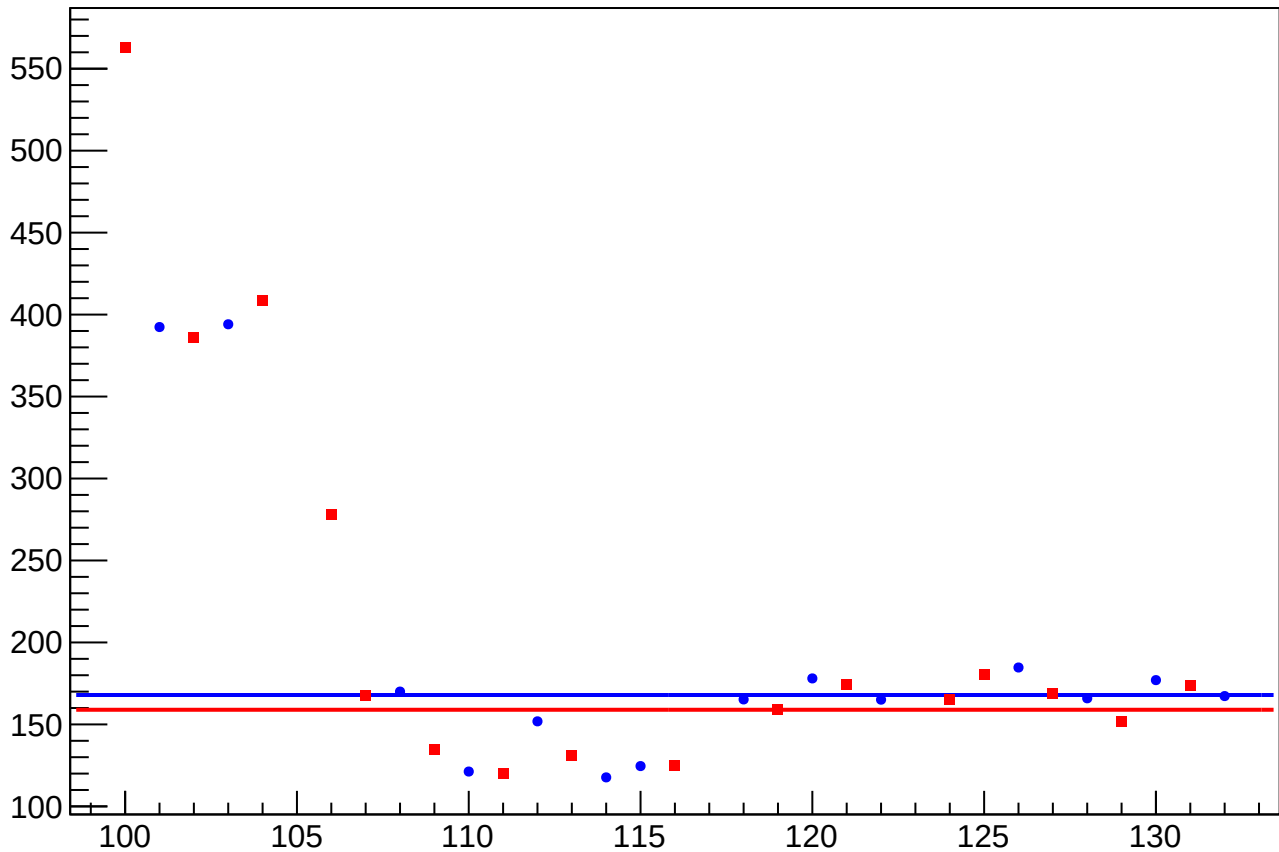
All: 160.714+/-0.035 χ^2/NDF : 2281716.2/29

yield_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 141642.140 $\pm$ 0.074 χ^2 /NDF: 61038757.1/13
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 141652.754 $\pm$ 0.068 χ^2 /NDF: 53453226.1/15
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 141647.892 $\pm$ 0.050 χ^2 /NDF: 114503175.8/2
 In: 141642.140 $\pm$ 0.074 χ^2 /NDF: 61038757.1/13
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 141647.892 $\pm$ 0.050 χ^2 /NDF: 114503175

yield_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 167.943 $\pm$ 0.052 χ^2 /NDF: 1024031.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 158.937 $\pm$ 0.048 χ^2 /NDF: 1243153.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

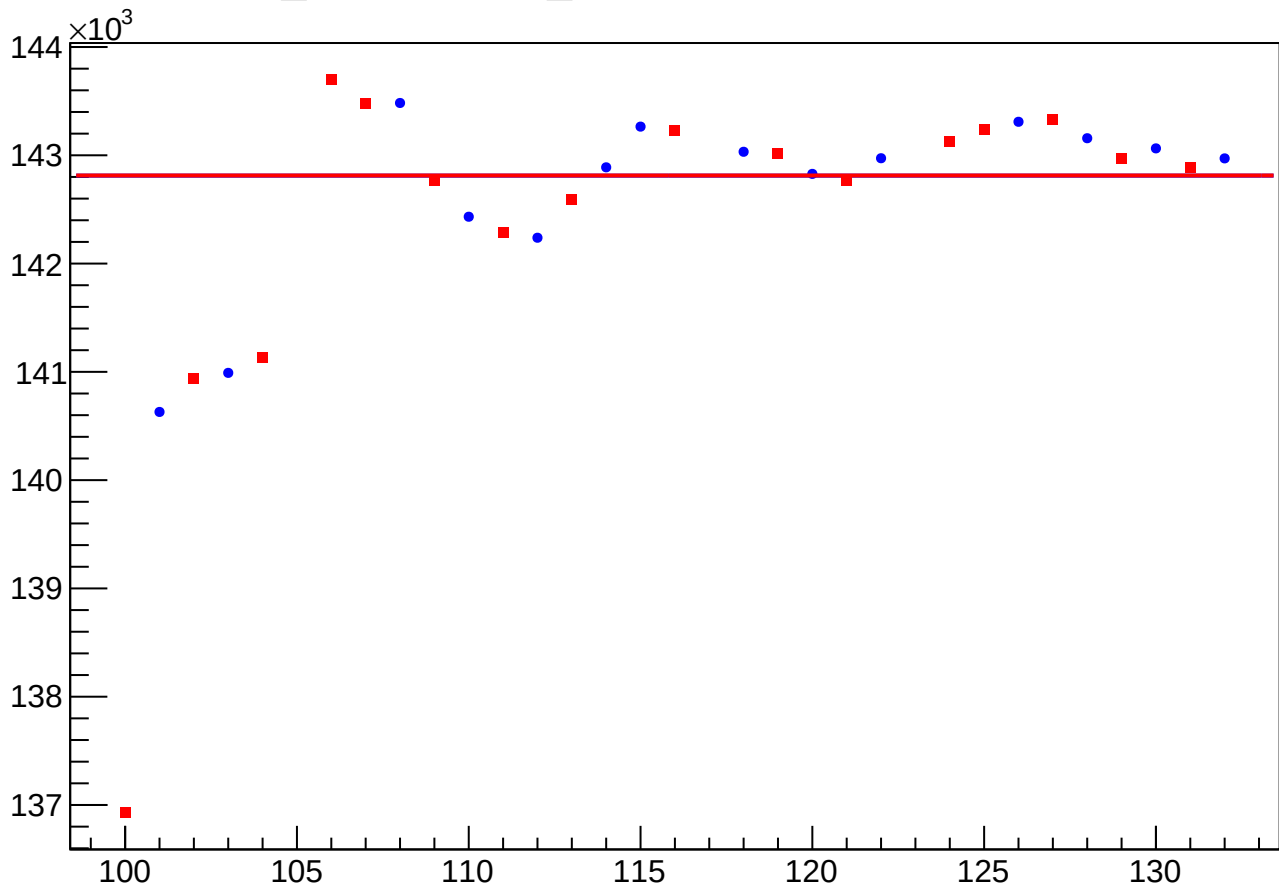
Right: 163.062 $\pm$ 0.035 χ^2 /NDF: 2283300.0/29

In: 167.943 $\pm$ 0.052 χ^2 /NDF:1024031.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

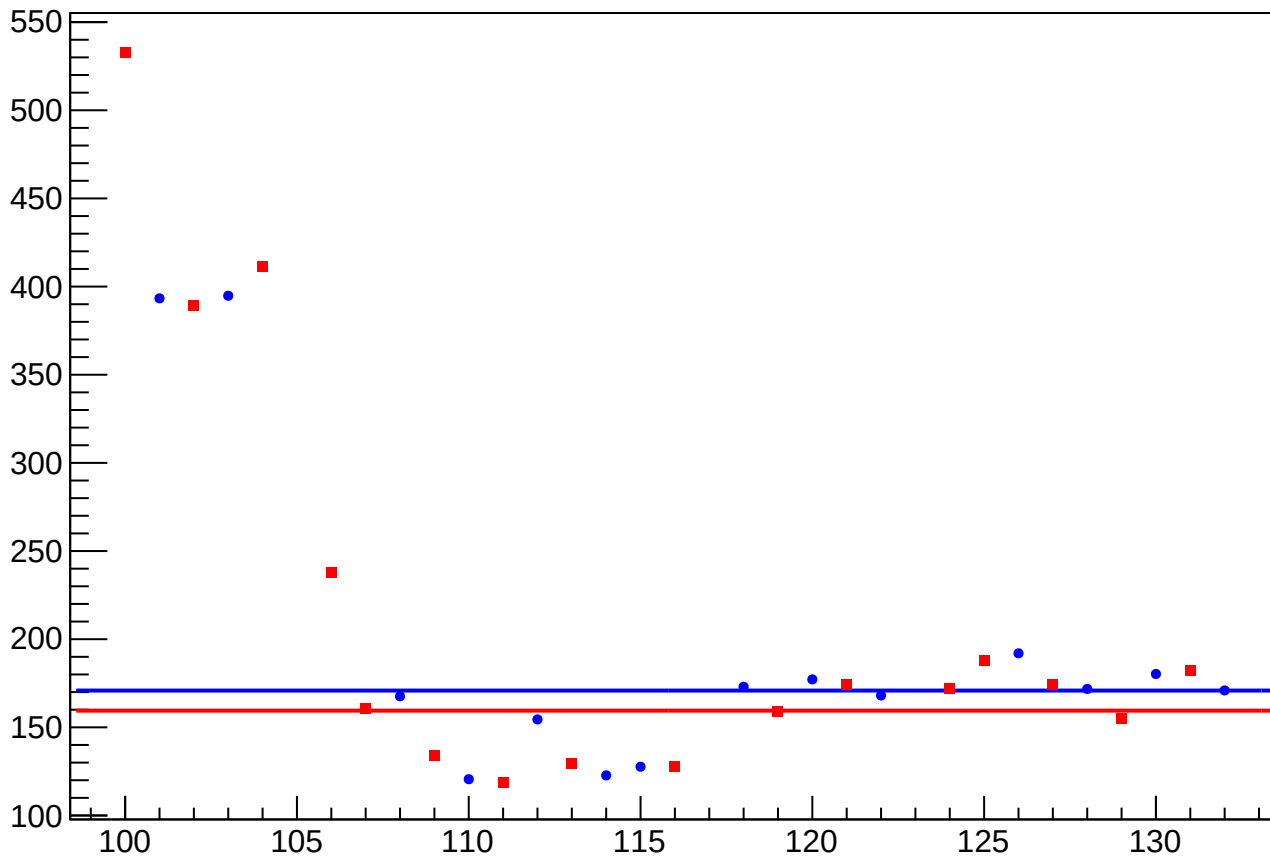
All: 163.062 $\pm$ 0.035 χ^2 /NDF: 2283300.0/29

yield_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: 142812.069 $\pm$ 0.075 χ^2 /NDF: 57440349.0/13
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 142813.410 $\pm$ 0.068 χ^2 /NDF: 60278080.9/15
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 142812.804 $\pm$ 0.050 χ^2 /NDF: 117718604.5/2

yield_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 170.862 $\pm$ 0.053 χ^2 /NDF: 1018061.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 159.477 $\pm$ 0.048 χ^2 /NDF: 1224173.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

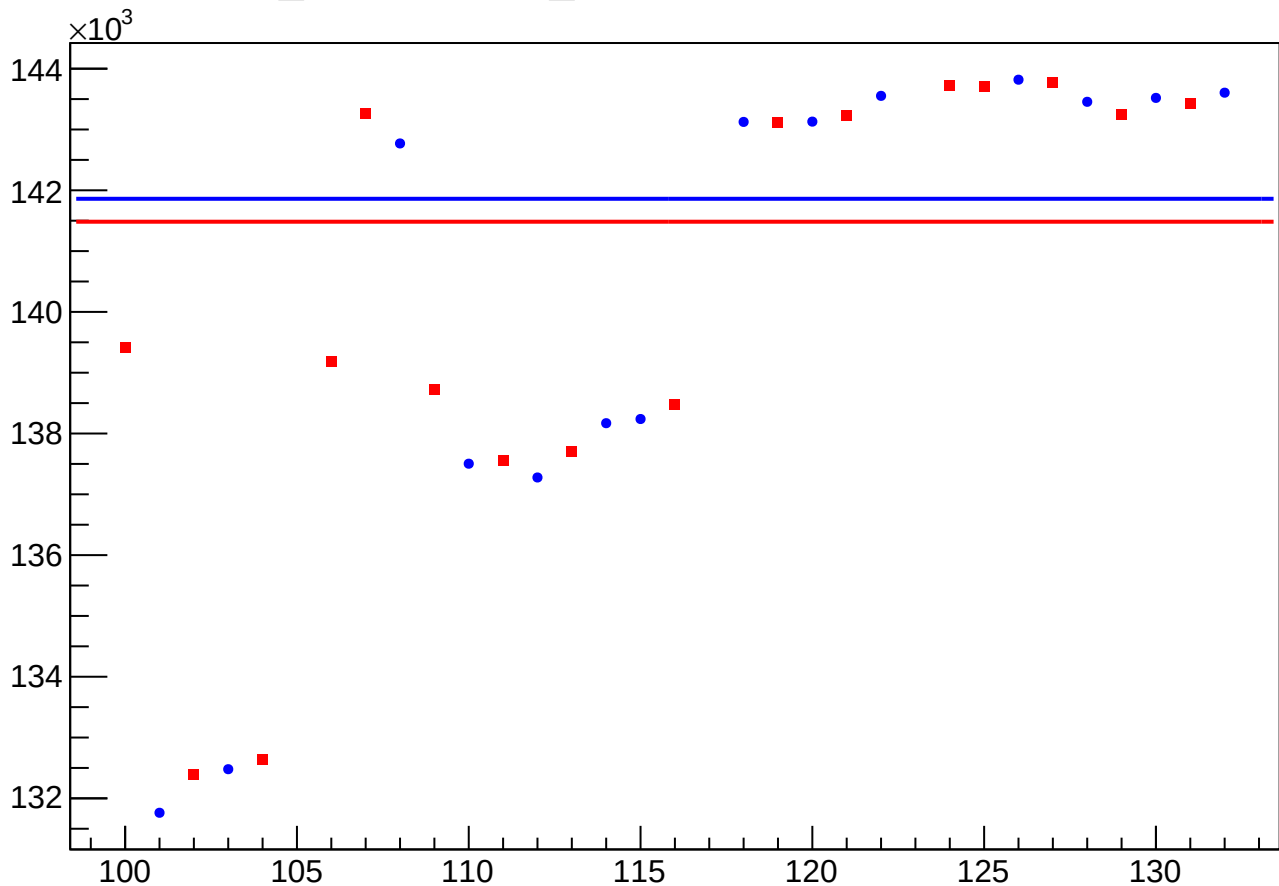
Right: 164.622 $\pm$ 0.036 χ^2 /NDF: 2267433.1/29

In: 170.862 $\pm$ 0.053 χ^2 /NDF:1018061.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 164.622 $\pm$ 0.036 χ^2 /NDF: 2267433.1/29

yield_bpm0r03WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 141860.353+/-0.109 χ^2 /NDF: 884525859.1/13

Right: 141670.922+/-0.077 χ^2 /NDF: 1733572007.6/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 141483.226+/-0.109 χ^2 /NDF: 843046344.9/15

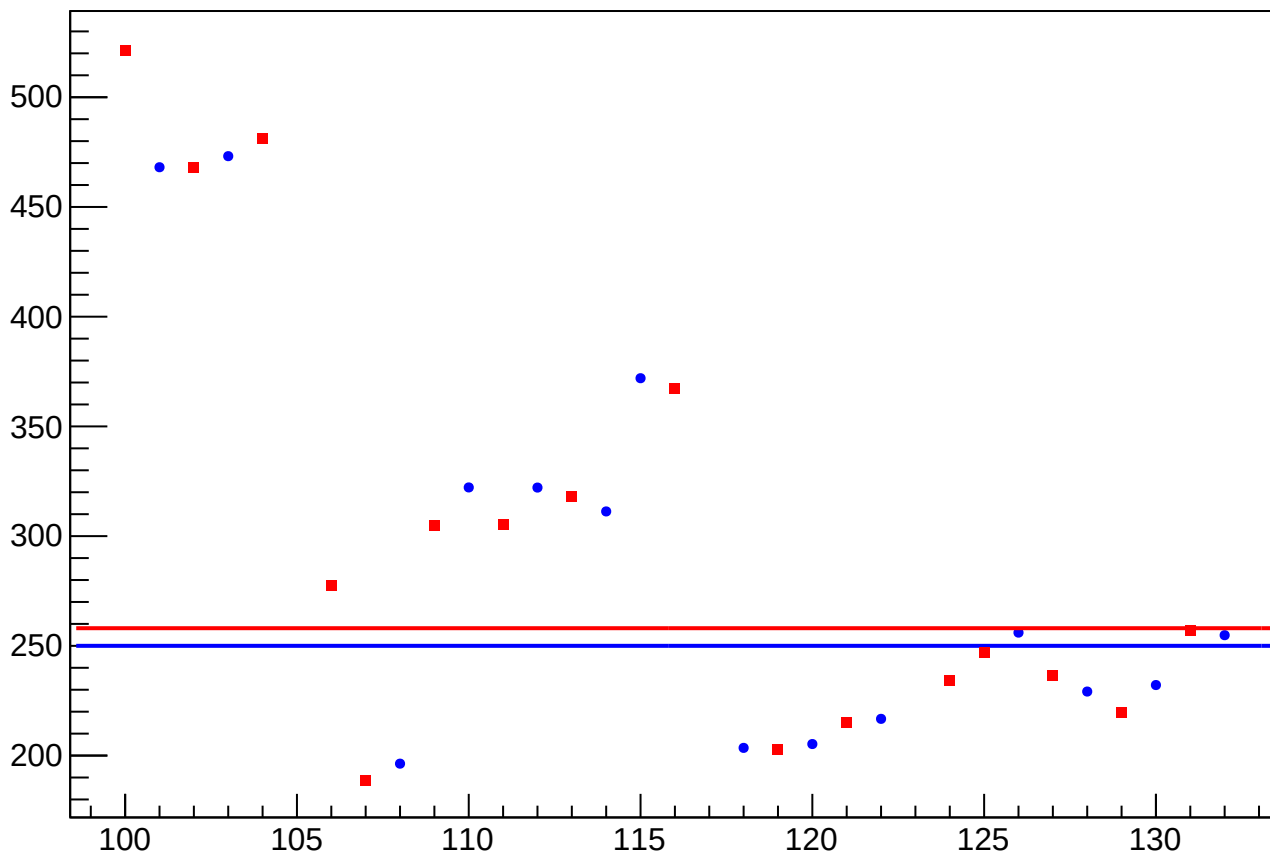
In: 141860.353+/-0.109 χ^2 /NDF: 884525859.1/13

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 141670.922+/-0.077 χ^2 /NDF: 1733572007.6/15

yield_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 250.009+/-0.077 χ^2/NDF : 850717.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 258.041+/-0.077 χ^2/NDF : 850503.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

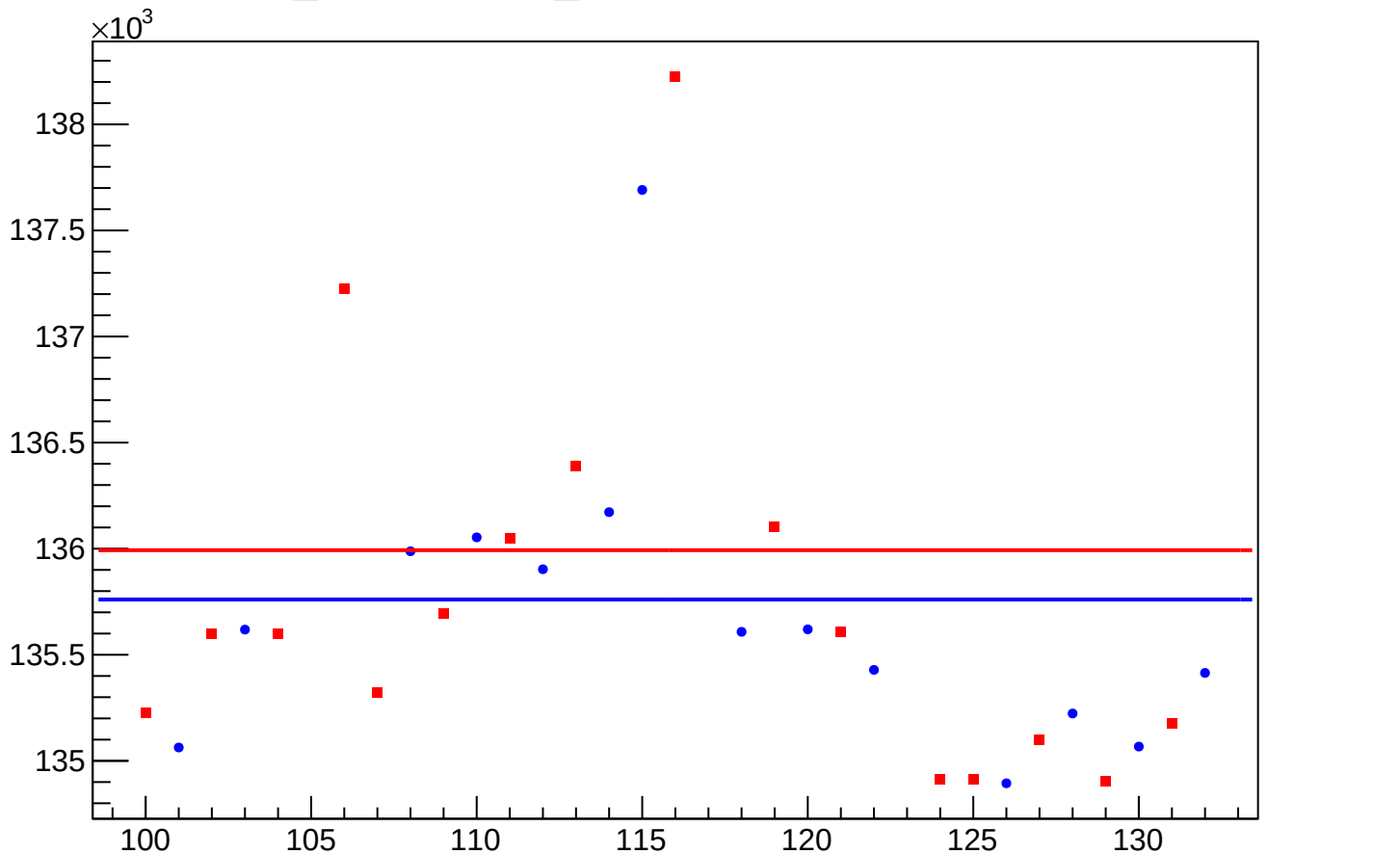
Right: 254.044+/-0.054 χ^2/NDF : 1706663.9/29

In: 250.009+/-0.077 χ^2/NDF : 850717.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

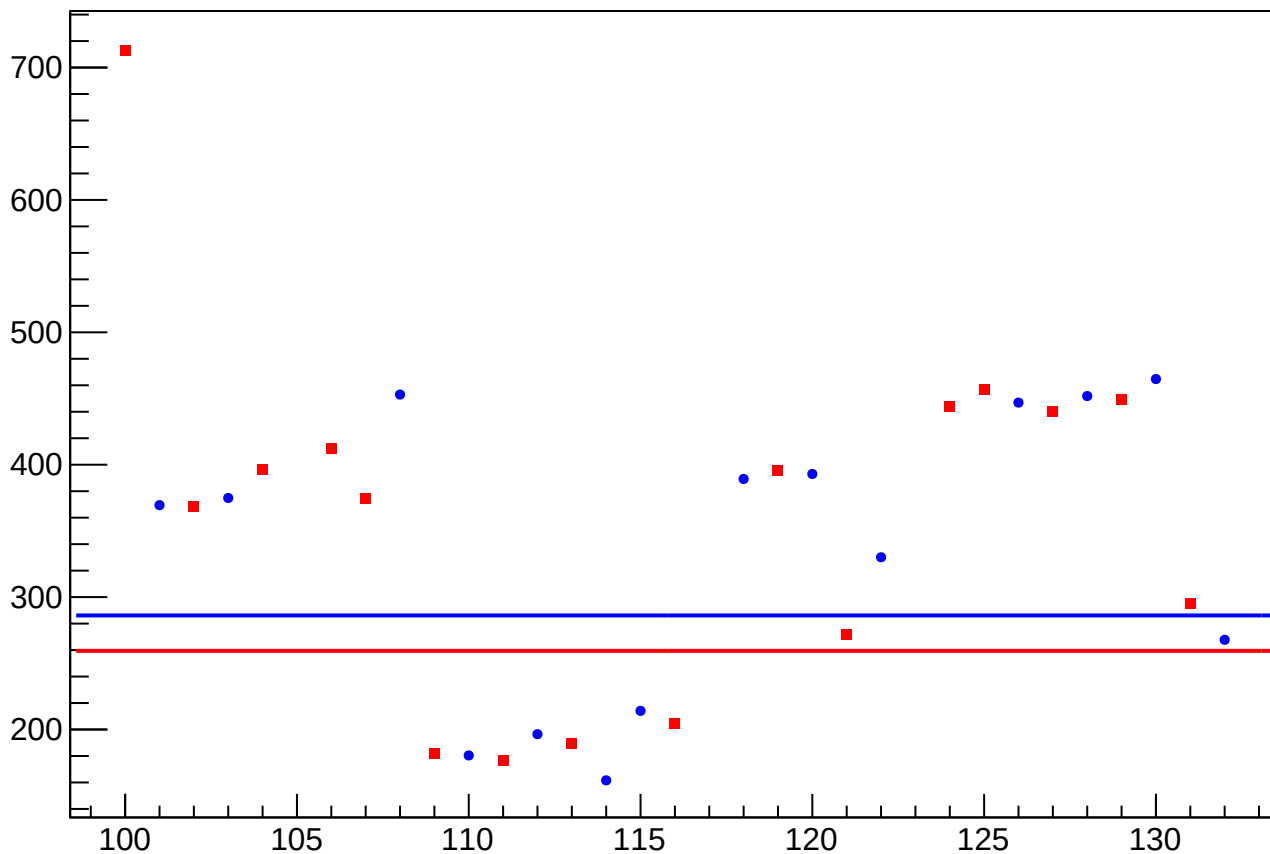
All: 254.044+/-0.054 χ^2/NDF : 1706663.9/29

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 135760.499 $\pm$ 0.127 χ^2/NDF : 19808295.6/13
 Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right Out: 135992.881 $\pm$ 0.113 χ^2/NDF : 47951228.4/15
 Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: 135890.332 $\pm$ 0.084 χ^2/NDF : 69624519.2/29

yield_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 286.150+/-0.090 χ^2/NDF : 1352418.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 259.403+/-0.080 χ^2/NDF : 1564043.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

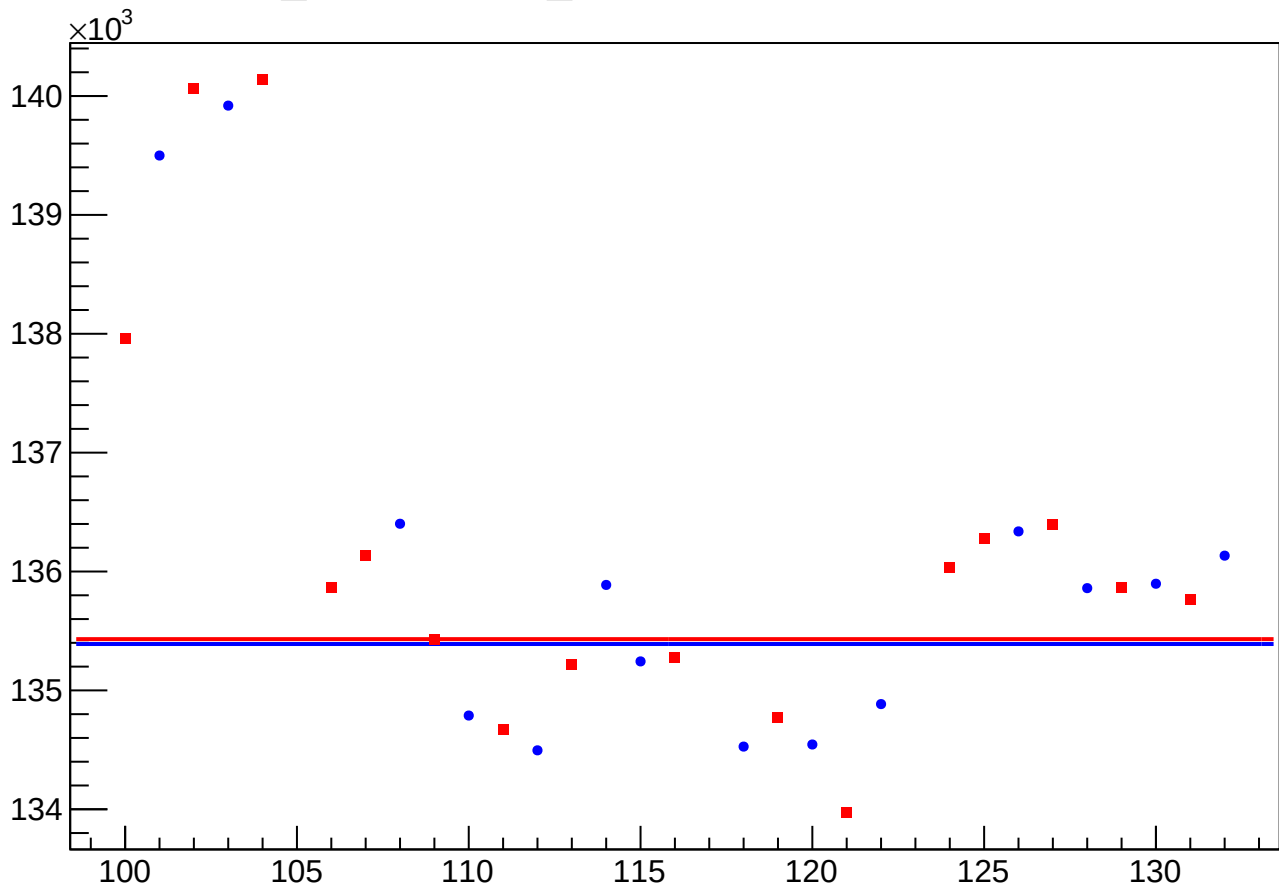
Right: 271.206+/-0.060 χ^2/NDF : 2965874.9/29

In: 286.150+/-0.090 χ^2/NDF :1352418.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

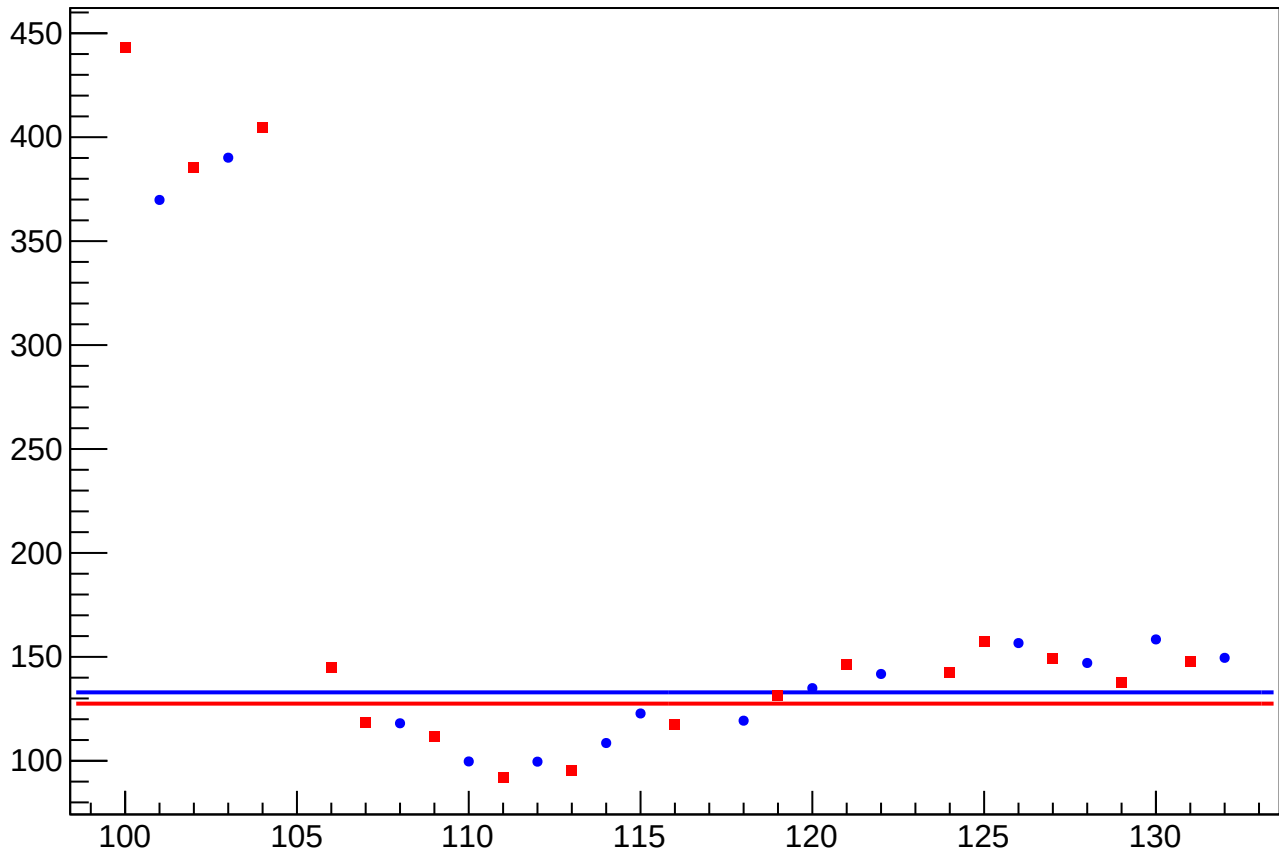
All: 271.206+/-0.060 χ^2/NDF : 2965874.9/29

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 135390.135+/-0.059 χ^2 /NDF: 320661229.6/13
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 135412.029+/-0.041 χ^2 /NDF: 622730826.7/2
 In: 135390.135+/-0.059 χ^2 /NDF: 320661229.6/13
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 135412.029+/-0.041 χ^2 /NDF: 622730826.7/2

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 132.932 $\pm$ 0.042 χ^2 /NDF: 1341065.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 127.512 $\pm$ 0.039 χ^2 /NDF: 1480212.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

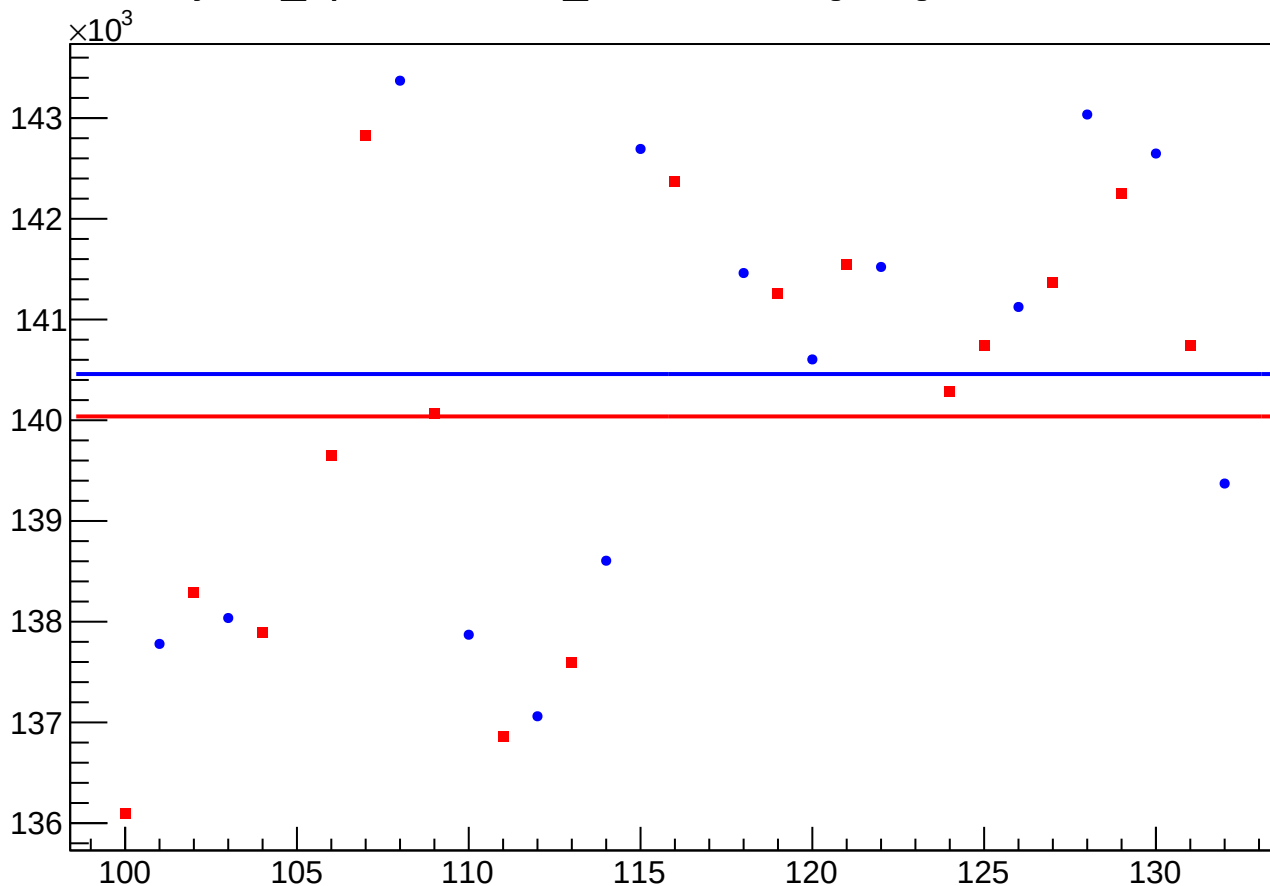
Right: 130.040 $\pm$ 0.029 χ^2 /NDF: 2830177.9/29

In: 132.932 $\pm$ 0.042 χ^2 /NDF:1341065.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 130.040 $\pm$ 0.029 χ^2 /NDF: 2830177.9/29

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 140458.763+/-0.068 χ^2 /NDF: 983846875.0/13

Right: 140234.647+/-0.047 χ^2 /NDF: 1943415565.9/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 140037.947+/-0.064 χ^2 /NDF: 939217892.1/15

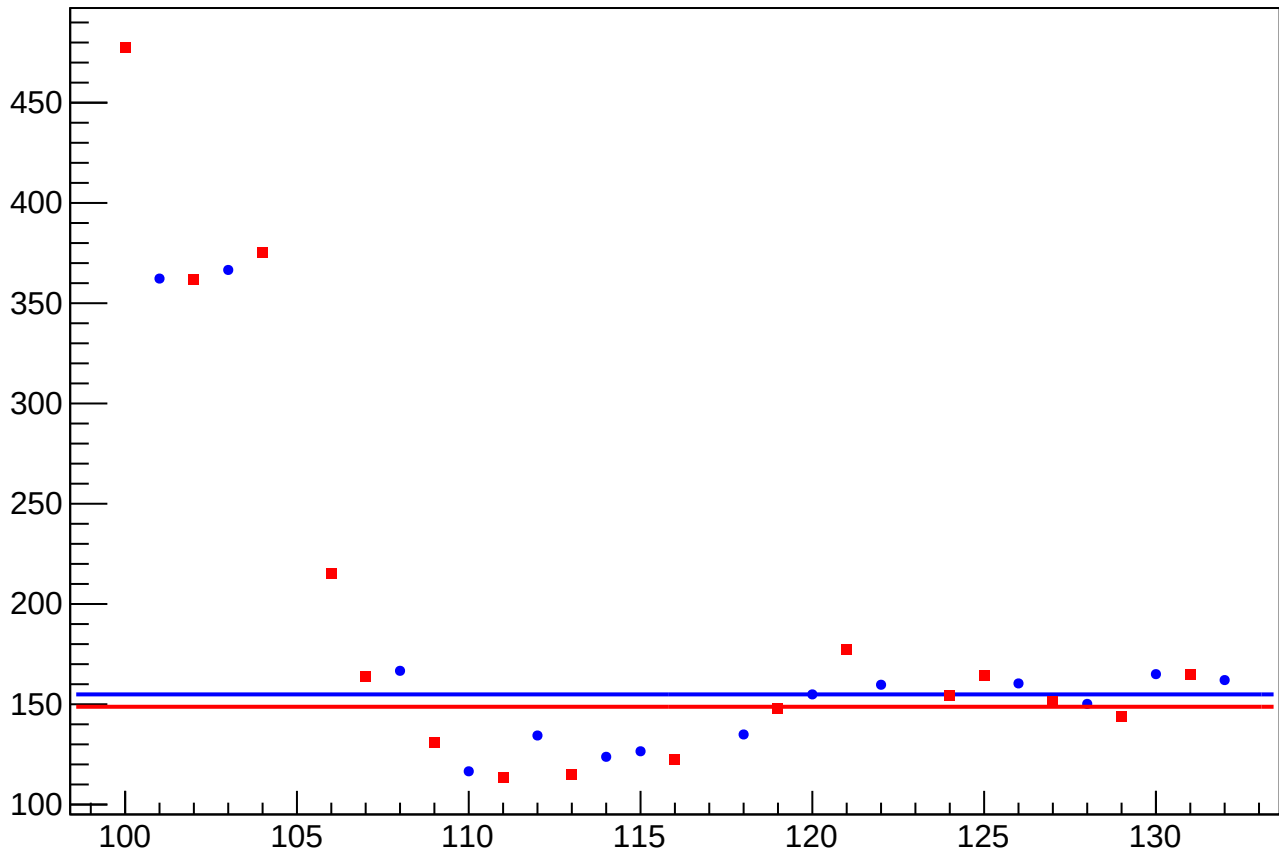
In: 140458.763+/-0.068 χ^2 /NDF: 983846875.0/13

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 140234.647+/-0.047 χ^2 /NDF: 1943415565.9/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 154.924+/-0.048 χ^2/NDF : 990130.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 148.754+/-0.045 χ^2/NDF : 1181362.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

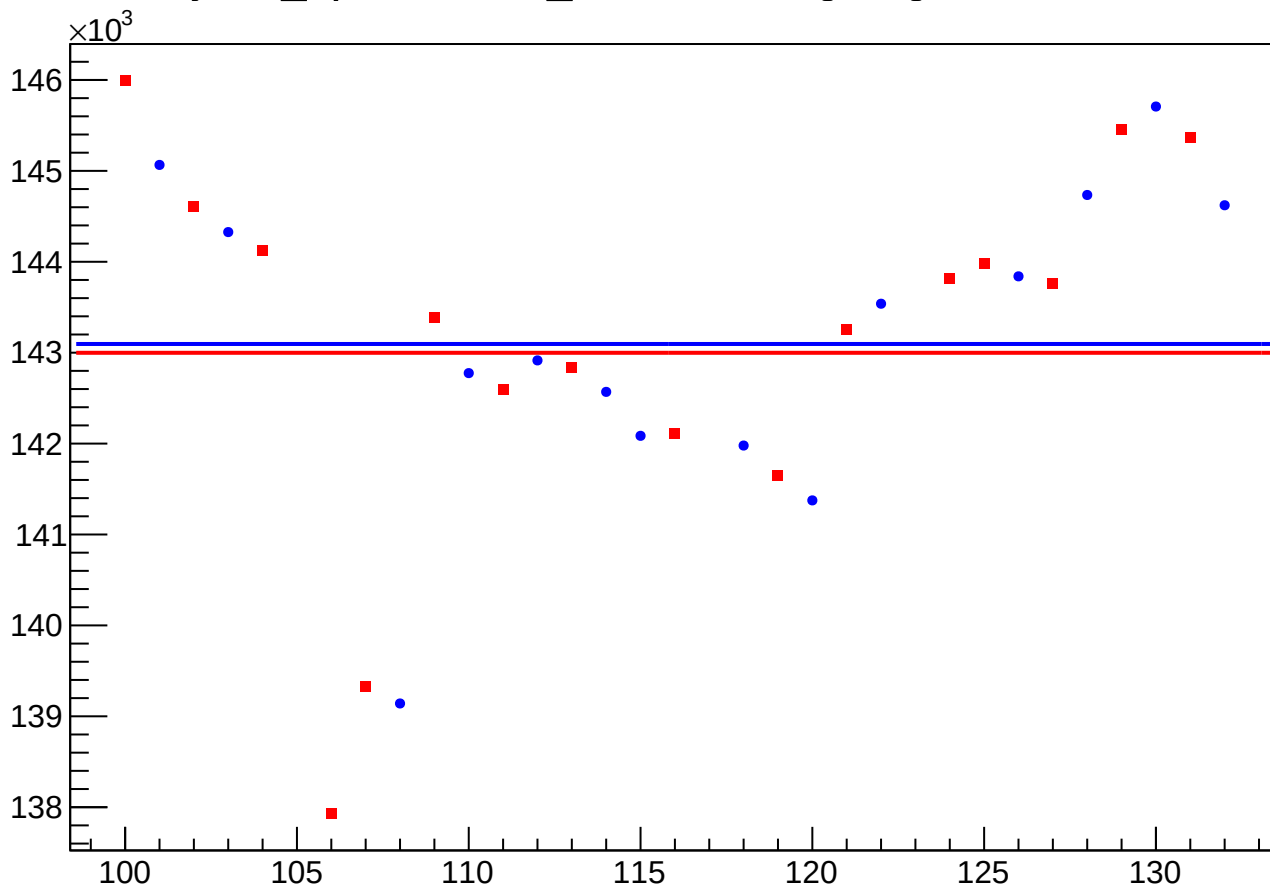
Right: 151.638+/-0.033 χ^2/NDF : 2180243.8/29

In: 154.924+/-0.048 χ^2/NDF : 990130.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.638+/-0.033 χ^2/NDF : 2180243.8/29

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 143095.753+/-0.072 χ^2 /NDF: 600037864.6/13

Right: 143042.987+/-0.049 χ^2 /NDF: 1223868694.0/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

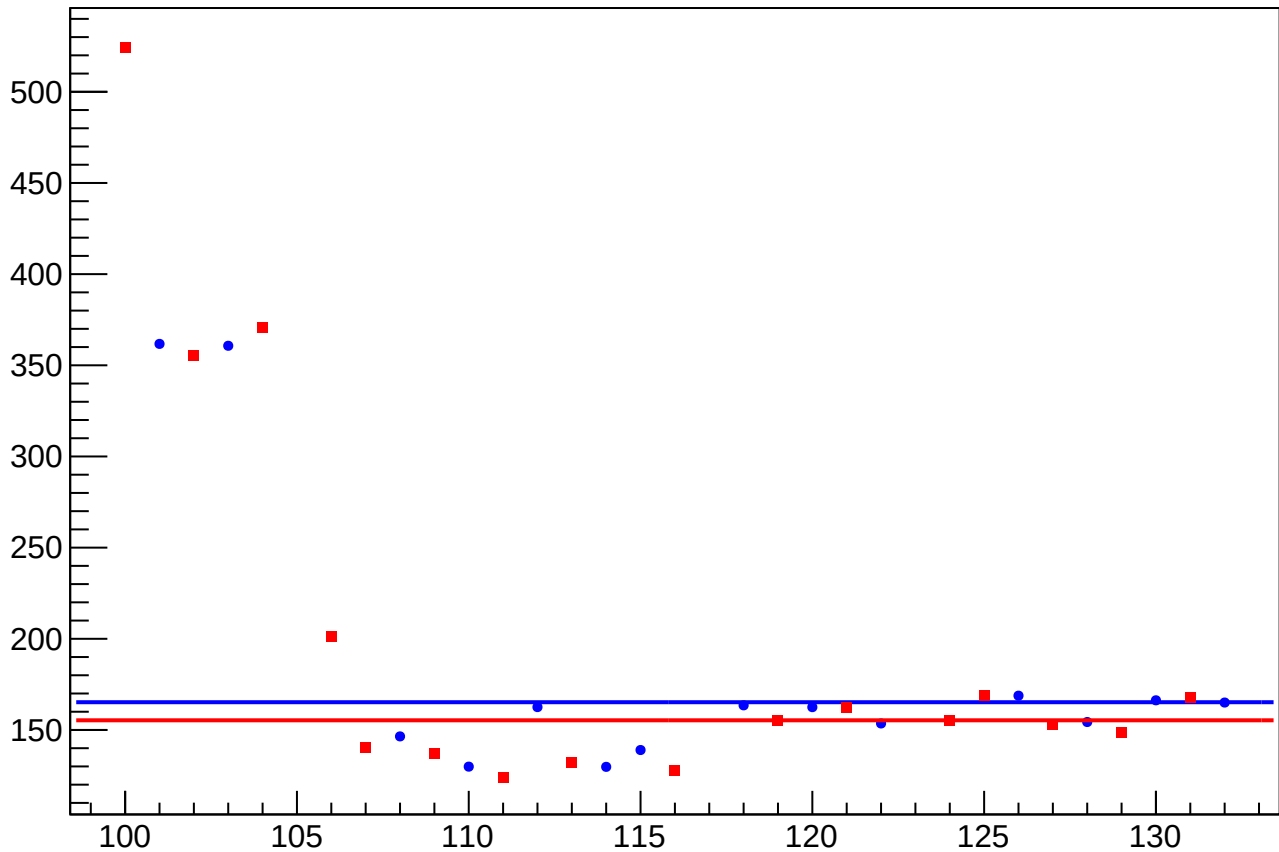
Right Out: 142998.796+/-0.066 χ^2 /NDF: 622850023.8/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 143042.987+/-0.049 χ^2 /NDF: 1223868694.0/15

yield_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 165.219+/-0.051 χ^2/NDF : 840180.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.299+/-0.047 χ^2/NDF : 995914.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

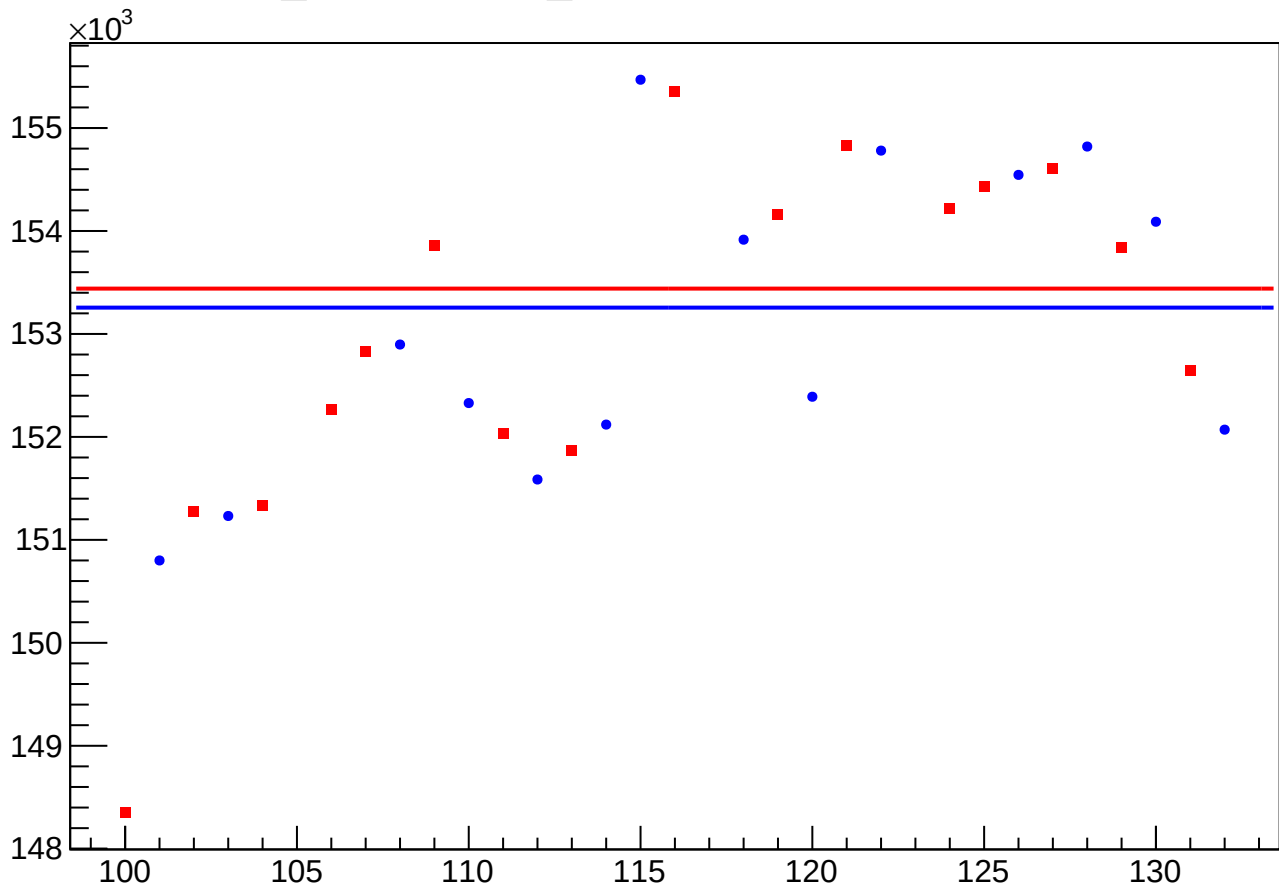
Right: 159.821+/-0.034 χ^2/NDF : 1856629.1/29

In: 165.219+/-0.051 χ^2/NDF : 840180.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.821+/-0.034 χ^2/NDF : 1856629.1/29

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 153255.709+/-0.081 χ^2 /NDF: 258924008.2/13

Right: 153358.399+/-0.054 χ^2 /NDF: 527027560.8/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 153440.401+/-0.072 χ^2 /NDF: 265204862.5/15

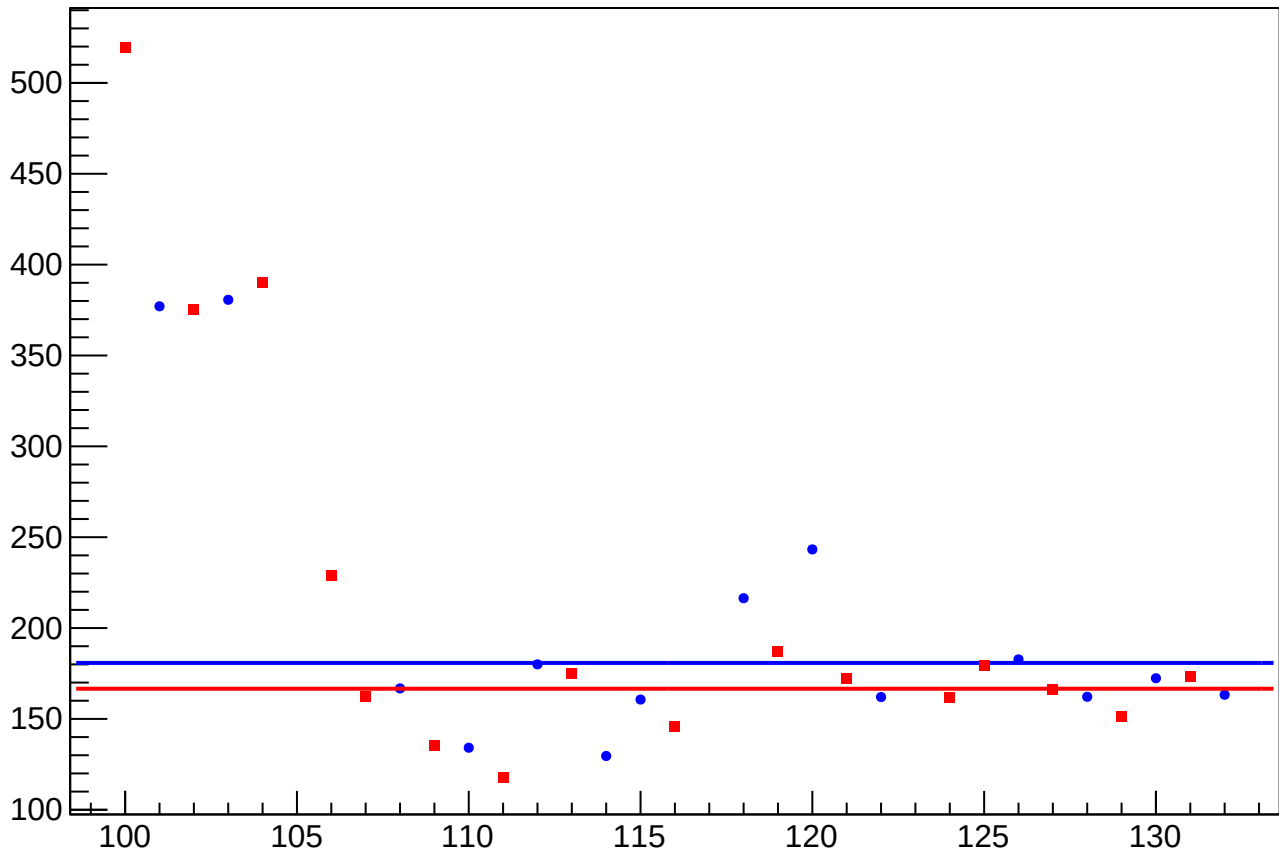
In: 153255.709+/-0.081 χ^2 /NDF: 258924008.2/13

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 153358.399+/-0.054 χ^2 /NDF: 527027560.8/2

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 180.812 $\pm$ 0.057 χ^2 /NDF: 907725.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 166.613 $\pm$ 0.051 χ^2 /NDF: 1075753.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

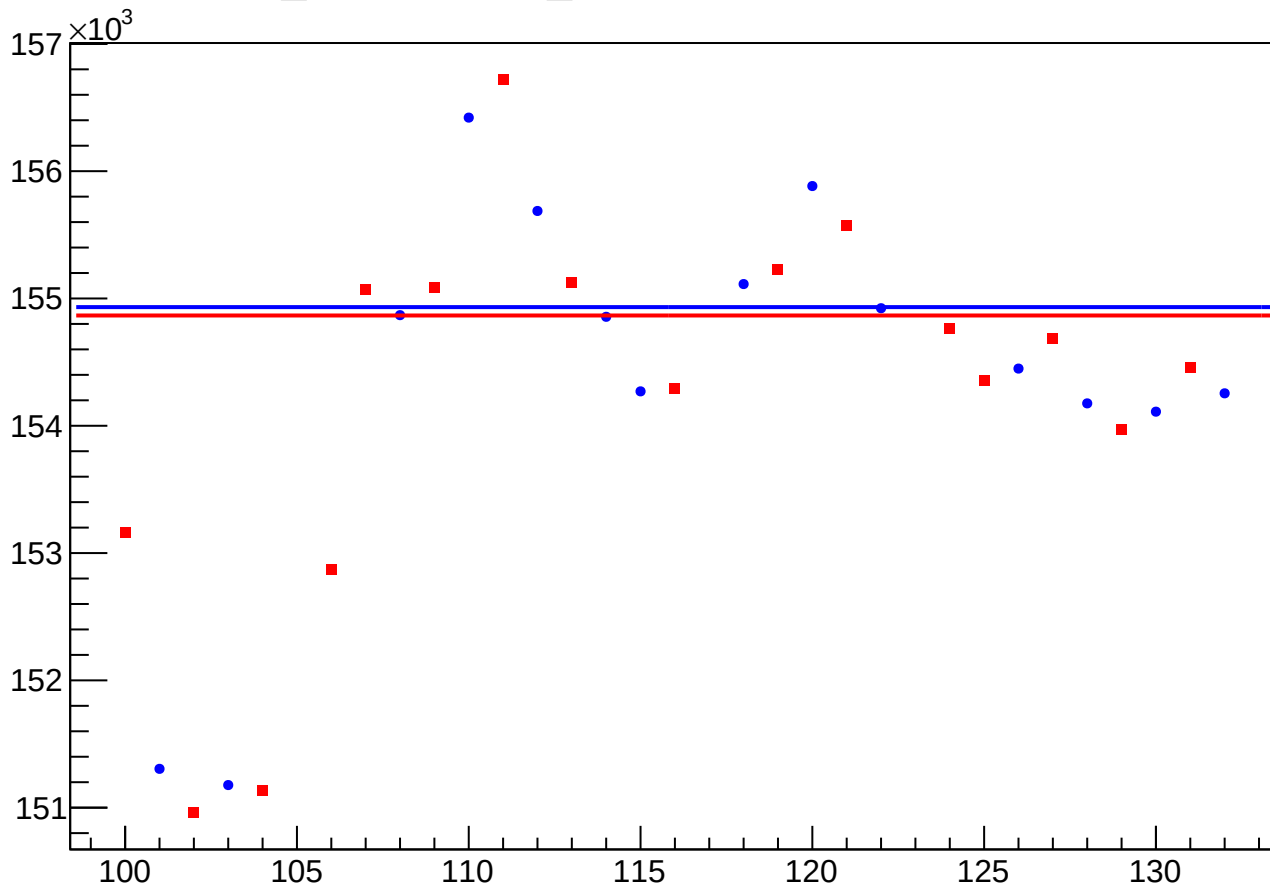
Right: 172.917 $\pm$ 0.038 χ^2 /NDF: 2017745.0/29

In: 180.812 $\pm$ 0.057 χ^2 /NDF:907725.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 172.917 $\pm$ 0.038 χ^2 /NDF: 2017745.0/29

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 154932.163+/-0.071 χ^2 /NDF: 220167036.1/13

Right: 154896.655+/-0.048 χ^2 /NDF: 512717826.7/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

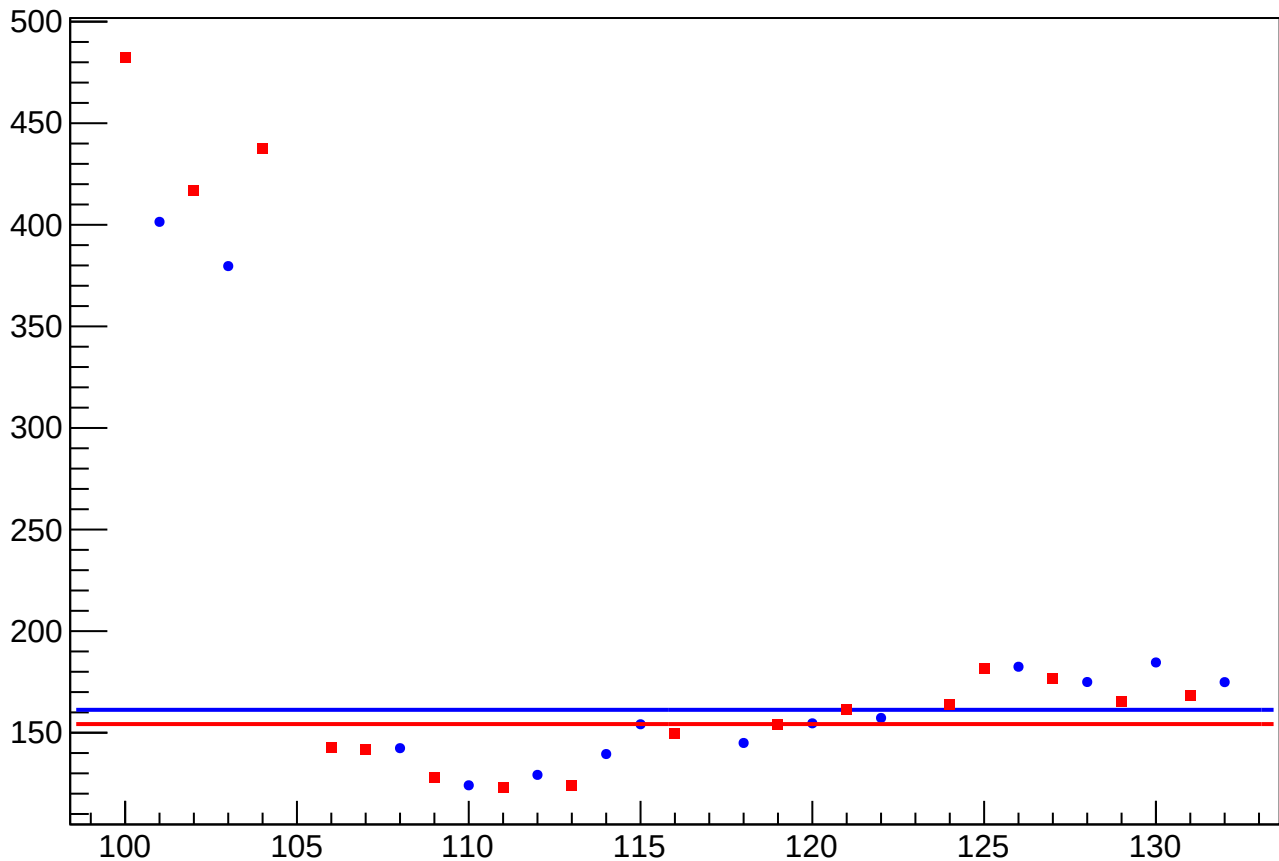
Right Out: 154866.344+/-0.065 χ^2 /NDF: 292084309.1/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 154896.655+/-0.048 χ^2 /NDF: 512717826.7/2

yield_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 161.269+/-0.050 χ^2/NDF : 1035069.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.256+/-0.046 χ^2/NDF : 1216633.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

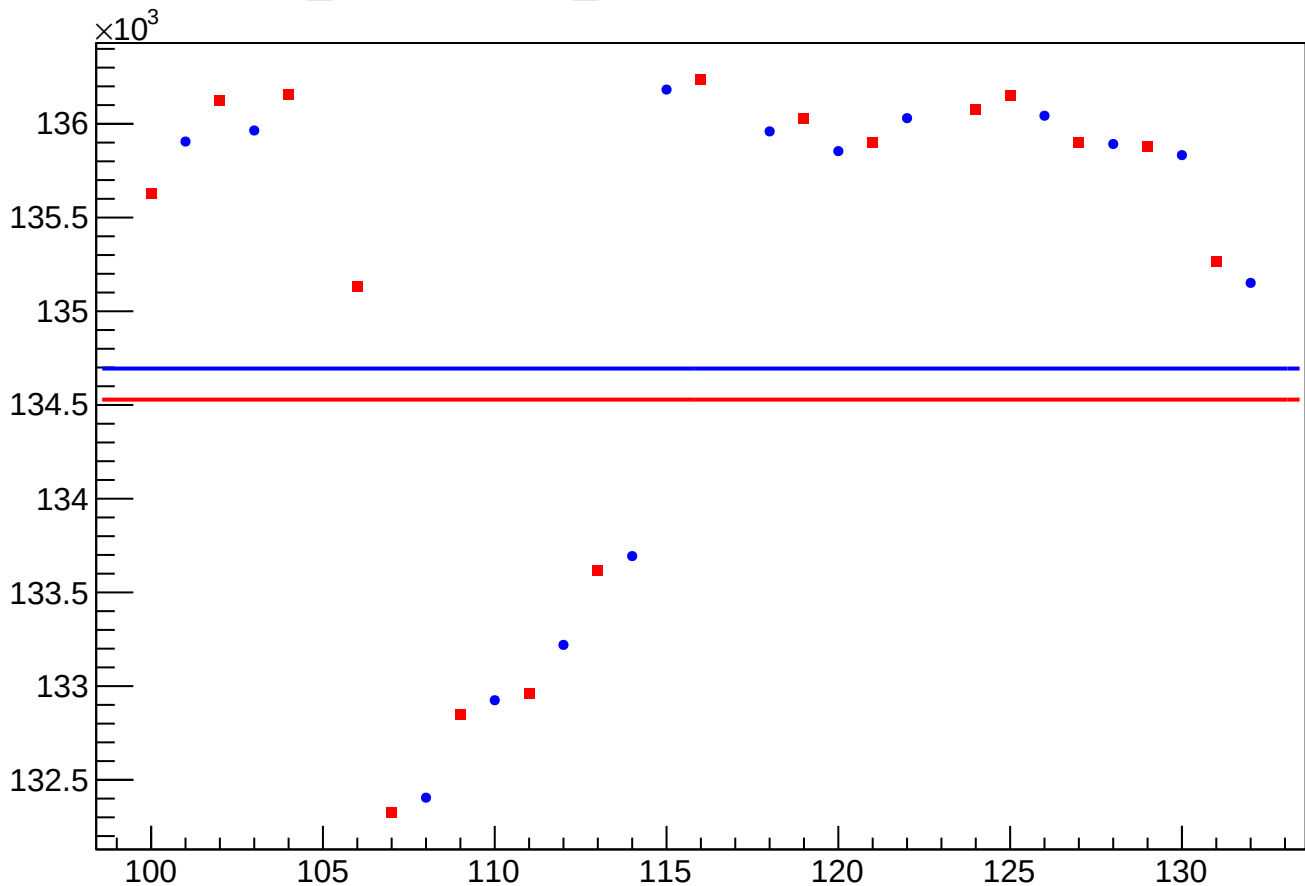
Right: 157.486+/-0.034 χ^2/NDF : 2262292.6/29

In: 161.269+/-0.050 χ^2/NDF : 1035069.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.486+/-0.034 χ^2/NDF : 2262292.6/29

yield_bpm1i04WS_mean vs Slug, Sign Corrected



Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right In: 134694.453 $\pm$ 0.055 χ^2/NDF : 699094833.4/13

Right: 134605.916 $\pm$ 0.037 χ^2/NDF : 1506360757.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

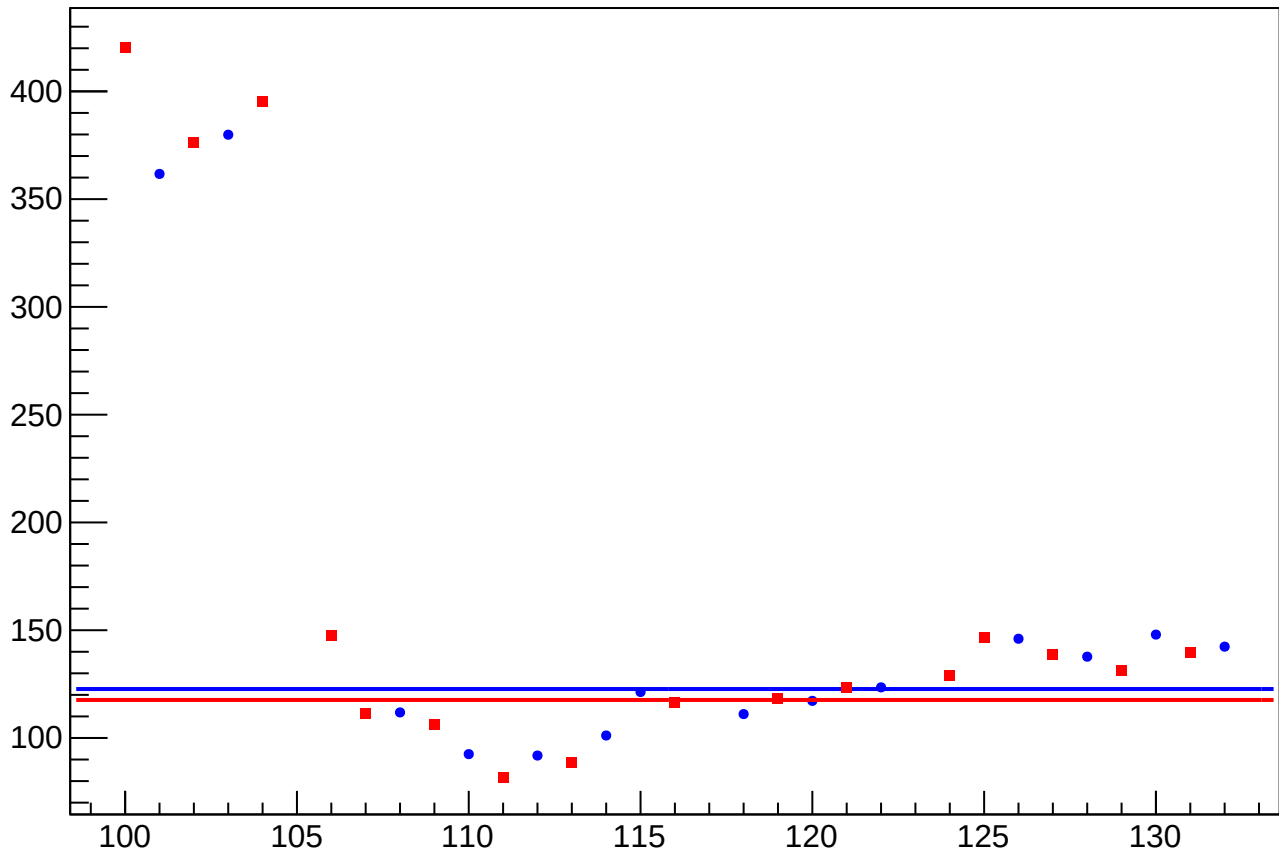
Right Out: 134528.636 $\pm$ 0.051 χ^2/NDF : 802380553.0/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 134605.916 $\pm$ 0.037 χ^2/NDF : 1506360757.8/15

yield_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 122.716+/-0.039 χ^2/NDF : 1407077.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 117.641+/-0.036 χ^2/NDF : 1570448.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

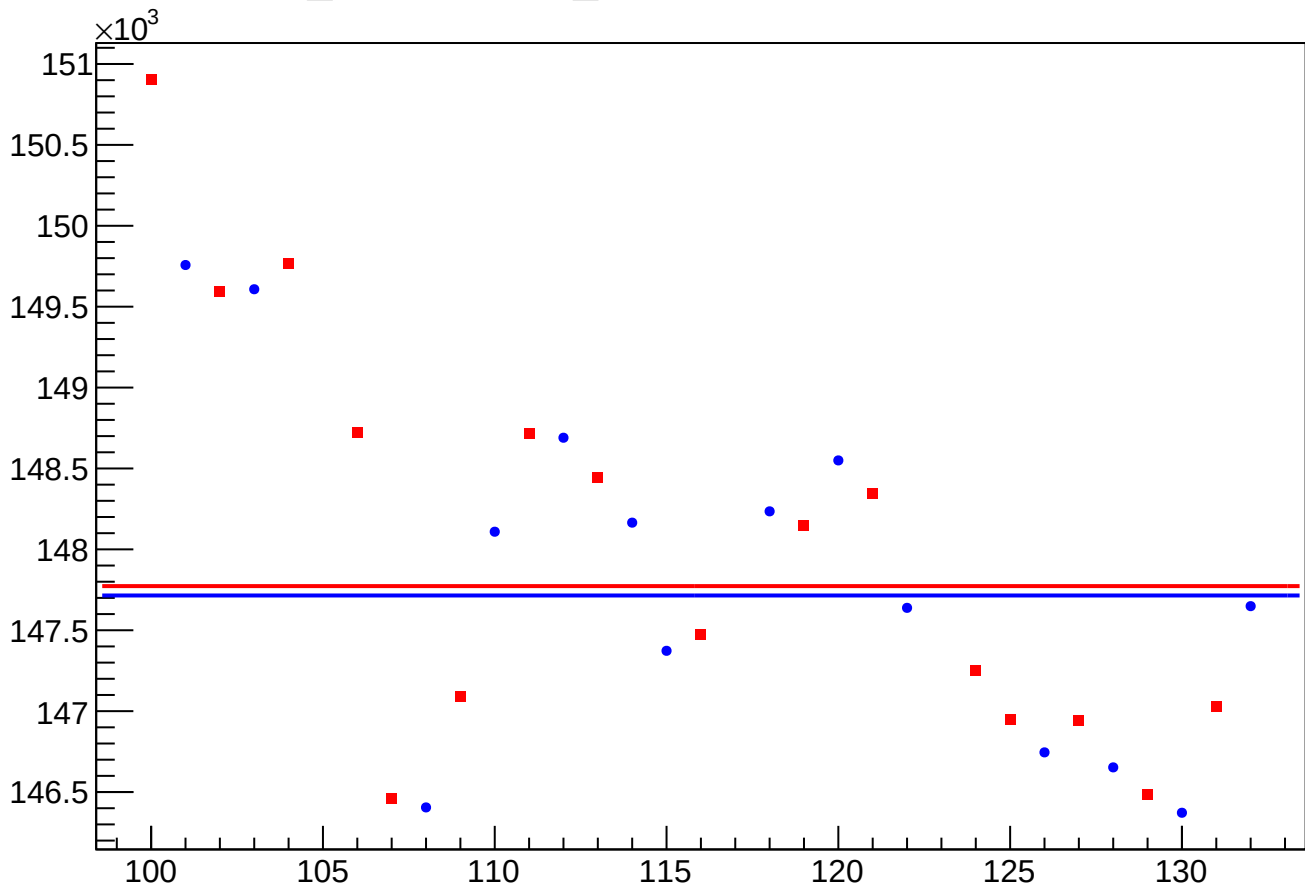
Right: 120.006+/-0.026 χ^2/NDF : 2986677.9/29

In: 122.716+/-0.039 χ^2/NDF : 1407077.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

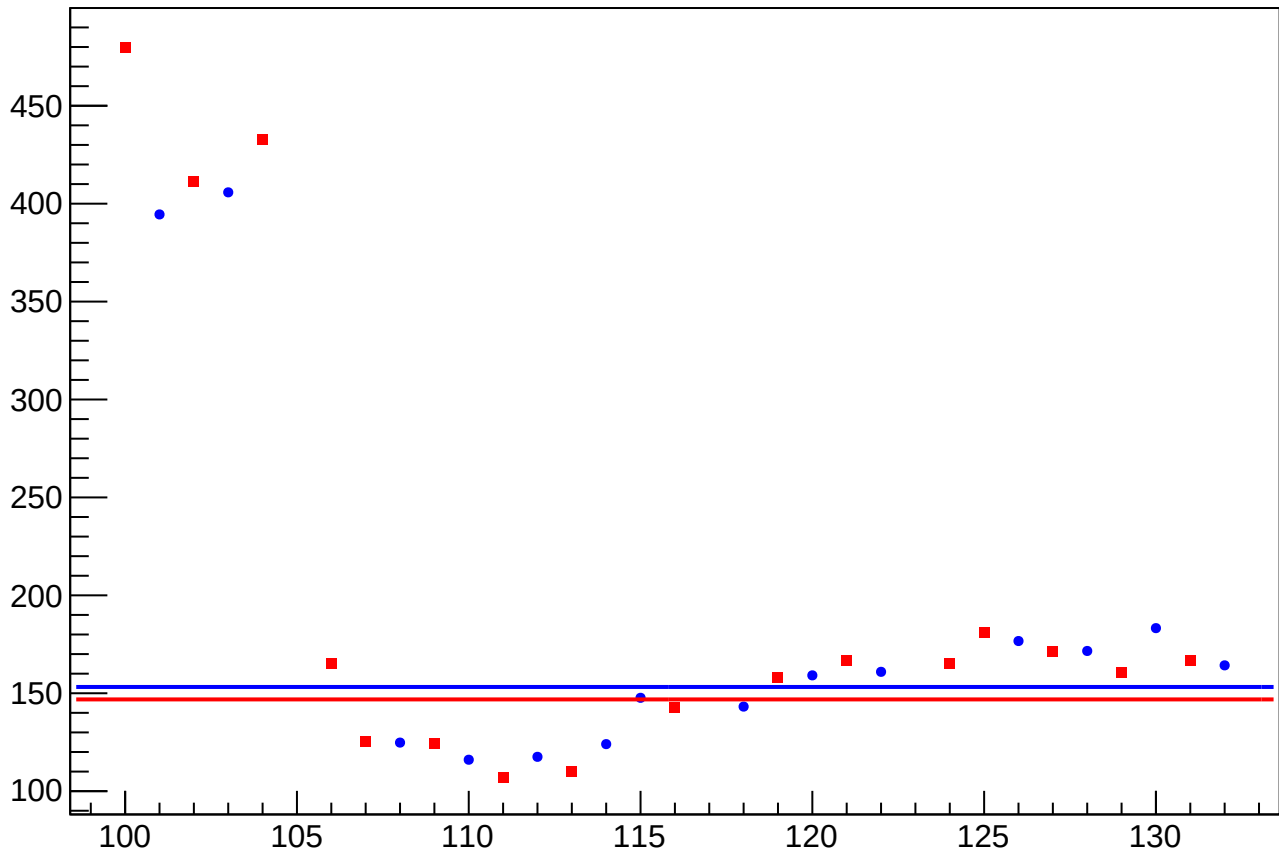
All: 120.006+/-0.026 χ^2/NDF : 2986677.9/29

yield_bpm1i06WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 147714.935+/-0.068 χ^2 /NDF: 181692202.5/13
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 147745.963+/-0.046 χ^2 /NDF: 371334222.4/2
 In: 147714.935+/-0.068 χ^2 /NDF: 181692202.5/13
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 147745.963+/-0.046 χ^2 /NDF: 371334222.4/2

yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 153.212 $\pm$ 0.048 χ^2 /NDF: 1224834.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 146.853 $\pm$ 0.045 χ^2 /NDF: 1412070.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

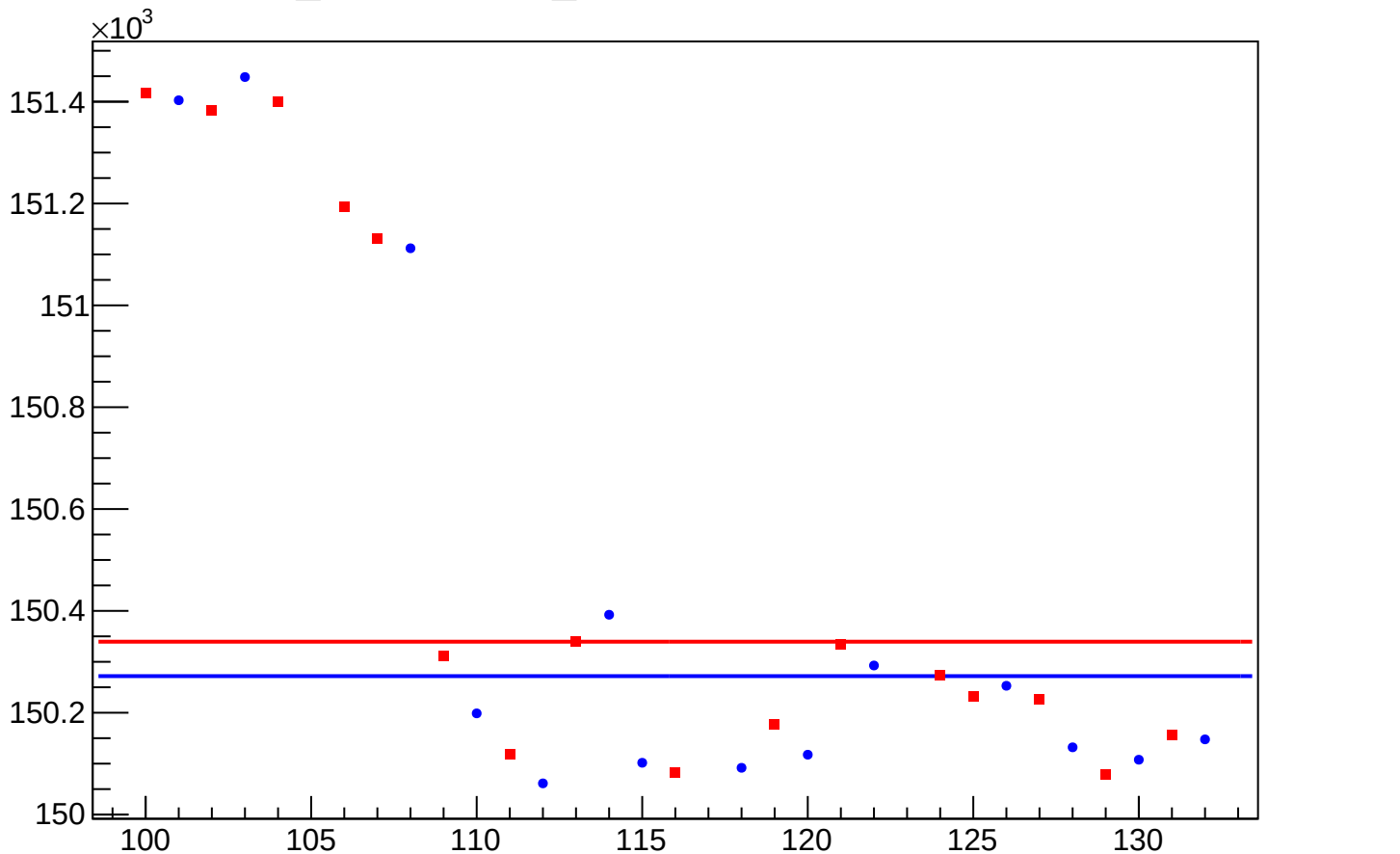
Right: 149.809 $\pm$ 0.033 χ^2 /NDF: 2646338.8/29

In: 153.212 $\pm$ 0.048 χ^2 /NDF:1224834.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

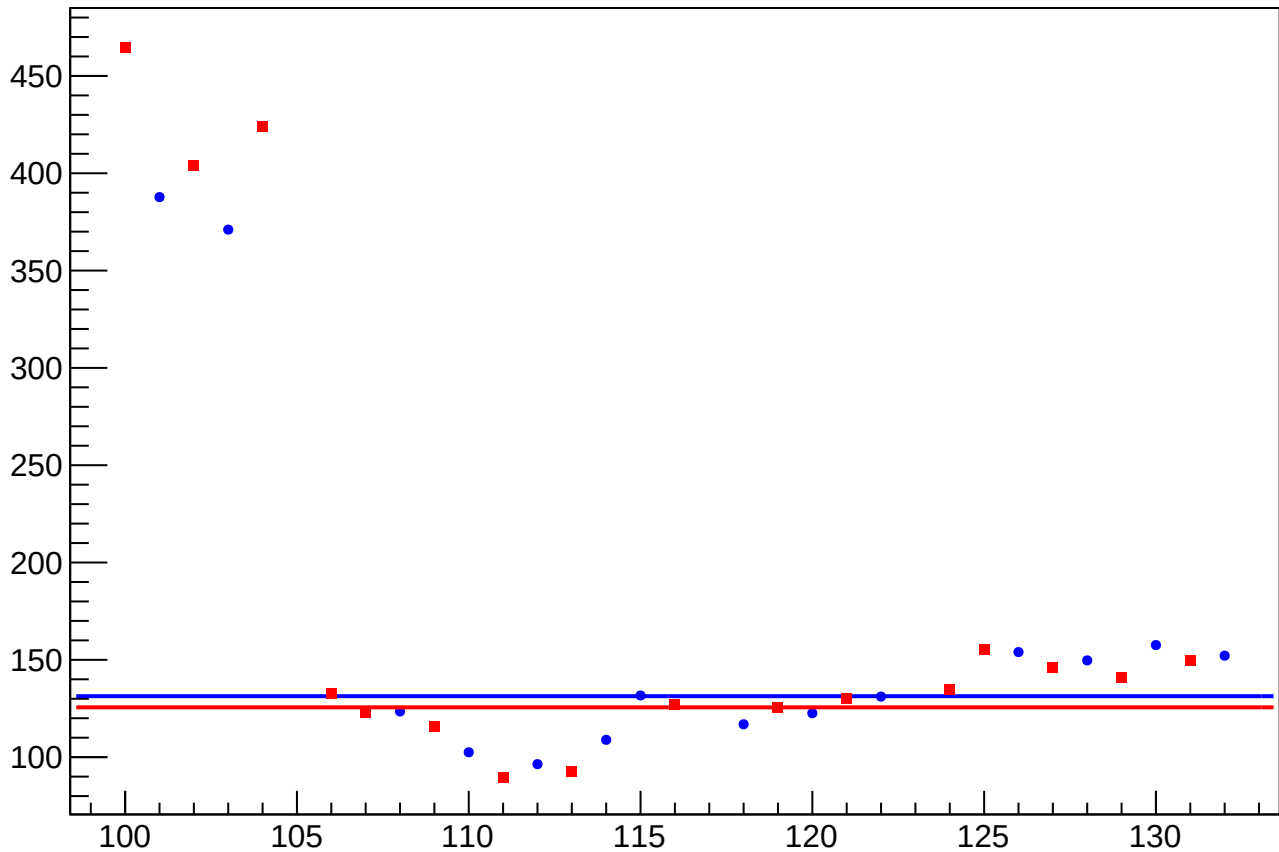
All: 149.809 $\pm$ 0.033 χ^2 /NDF: 2646338.8/29

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right In: 150271.874+/-0.059 χ^2/NDF : 34689083.9/13
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 150308.338+/-0.040 χ^2/NDF : 73473861.7/29
 In: 150271.874+/-0.059 χ^2/NDF : 34689083.9/13
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 150308.338+/-0.040 χ^2/NDF : 73473861.7/29

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 131.326+/-0.041 χ^2/NDF : 1323487.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.600+/-0.038 χ^2/NDF : 1535220.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

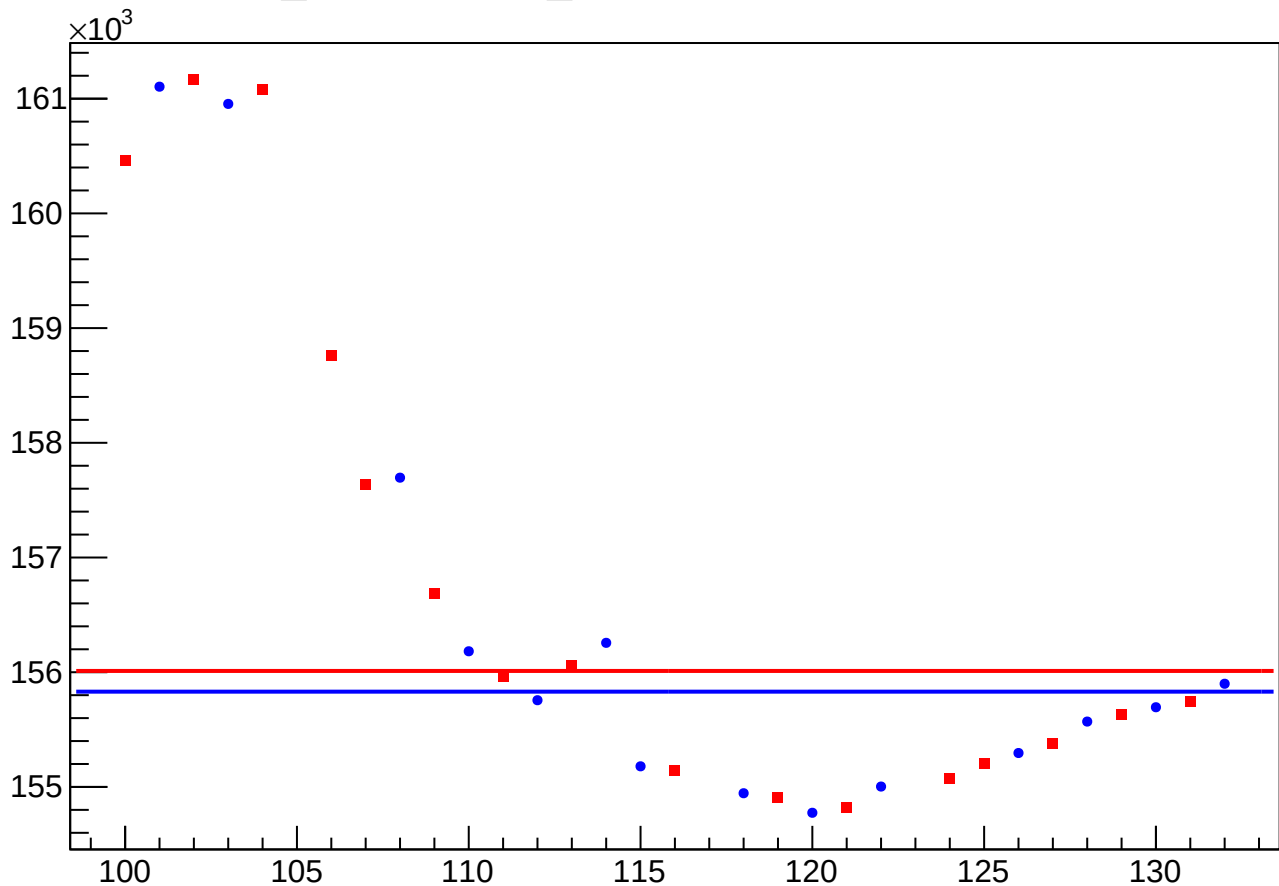
Right: 128.239+/-0.028 χ^2/NDF : 2868991.2/29

In: 131.326+/-0.041 χ^2/NDF : 1323487.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.239+/-0.028 χ^2/NDF : 2868991.2/29

yield_bpm2i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 155830.604+/-0.061 χ^2 /NDF: 371179109.4/13

Right: 155927.793+/-0.041 χ^2 /NDF: 839330327.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 156011.146+/-0.056 χ^2 /NDF: 463429012.2/15

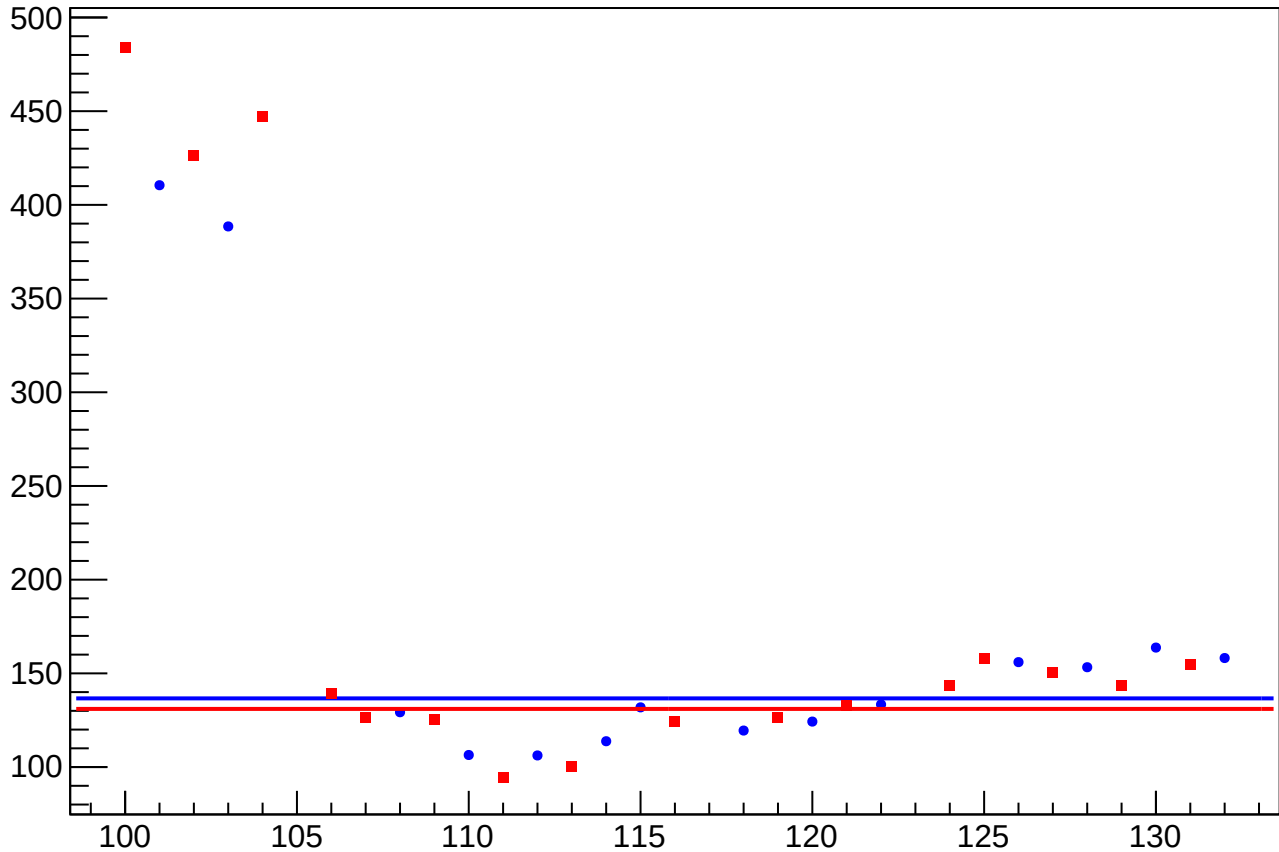
In: 155830.604+/-0.061 χ^2 /NDF: 371179109.4/13

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 155927.793+/-0.041 χ^2 /NDF: 839330327.2/2

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 136.649+/-0.043 χ^2/NDF : 1294986.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 131.031+/-0.040 χ^2/NDF : 1496488.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

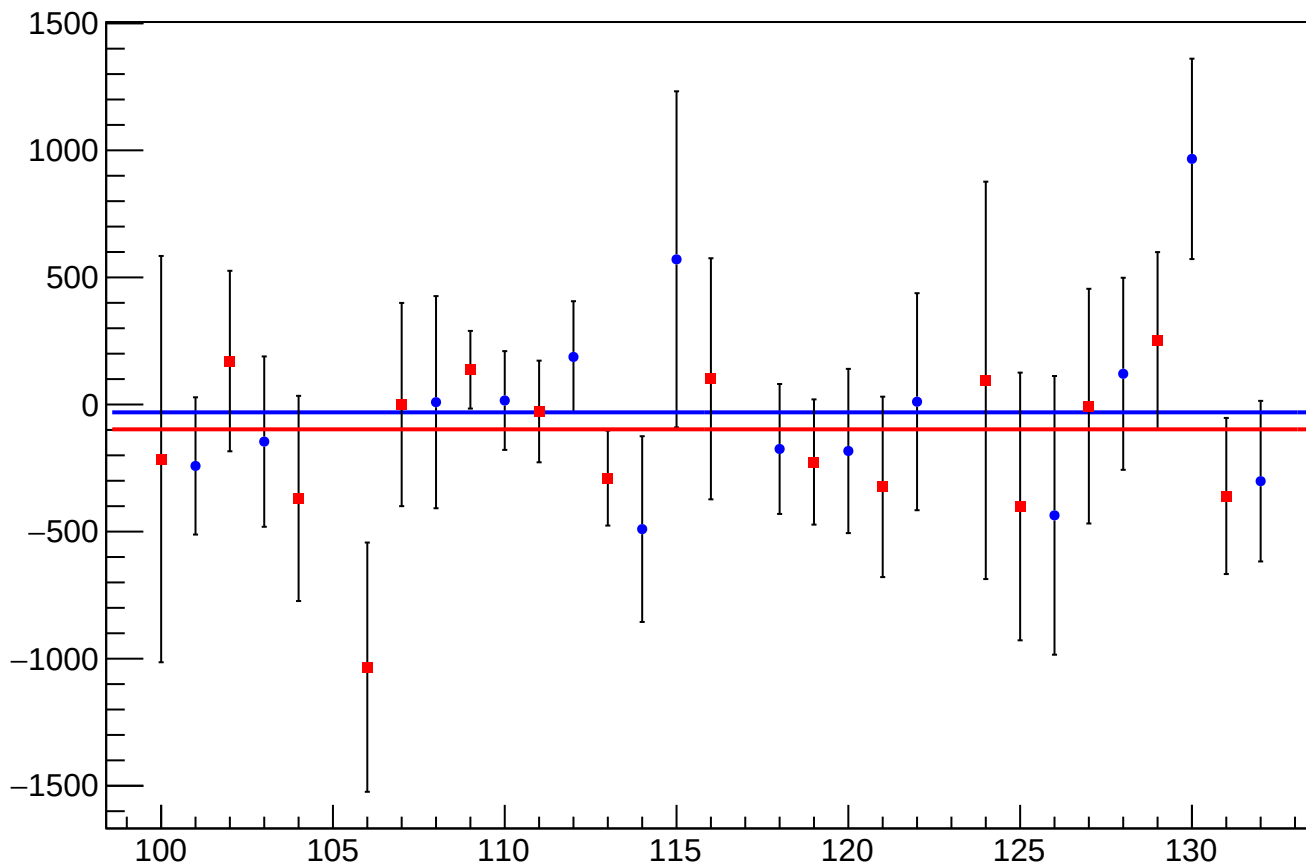
Right: 133.625+/-0.029 χ^2/NDF : 2800621.7/29

In: 136.649+/-0.043 χ^2/NDF : 1294986.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.625+/-0.029 χ^2/NDF : 2800621.7/29

asym_bcm_target_mean vs Slug, Sign Corrected



Right In: -30.813 ± 83.743 χ^2/NDF : 12.6/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -97.651 ± 74.510 χ^2/NDF : 11.3/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

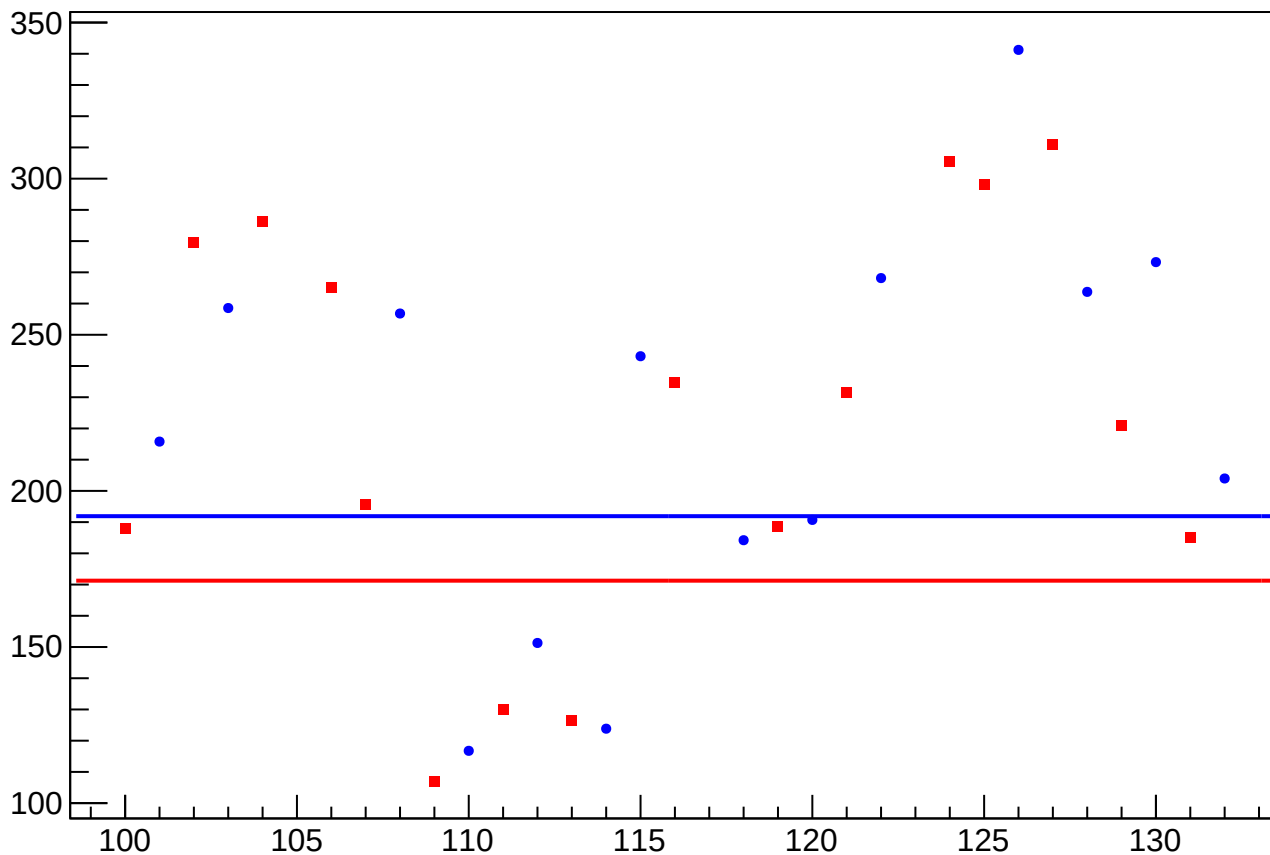
Right: -68.119 ± 55.666 χ^2/NDF : 24.2/29

In: -30.813 ± 83.743 χ^2/NDF : 12.6/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -68.119 ± 55.666 χ^2/NDF : 24.2/29

asym_bcm_target_rms vs Slug, Sign Corrected



Right In: 191.904+/-0.059 χ^2/NDF : 966872.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.247+/-0.053 χ^2/NDF : 1493321.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

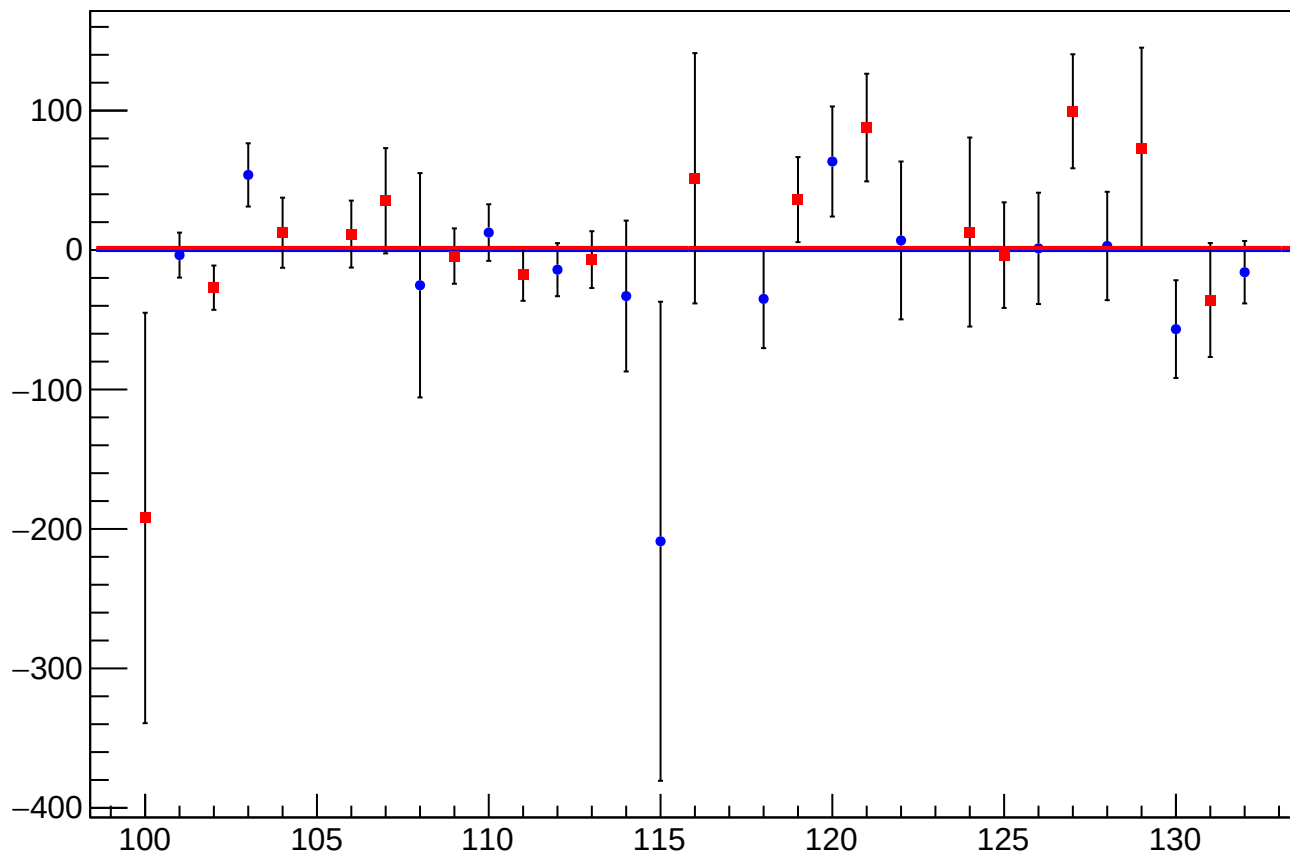
Right: 180.374+/-0.039 χ^2/NDF : 2528112.0/29

In: 191.904+/-0.059 χ^2/NDF : 966872.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.374+/-0.039 χ^2/NDF : 2528112.0/29

asym_bcm_an_diff_mean vs Slug, Sign Corrected



Right In: -0.015+/-7.589 χ^2/NDF : 15.3/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.533+/-7.092 χ^2/NDF : 21.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

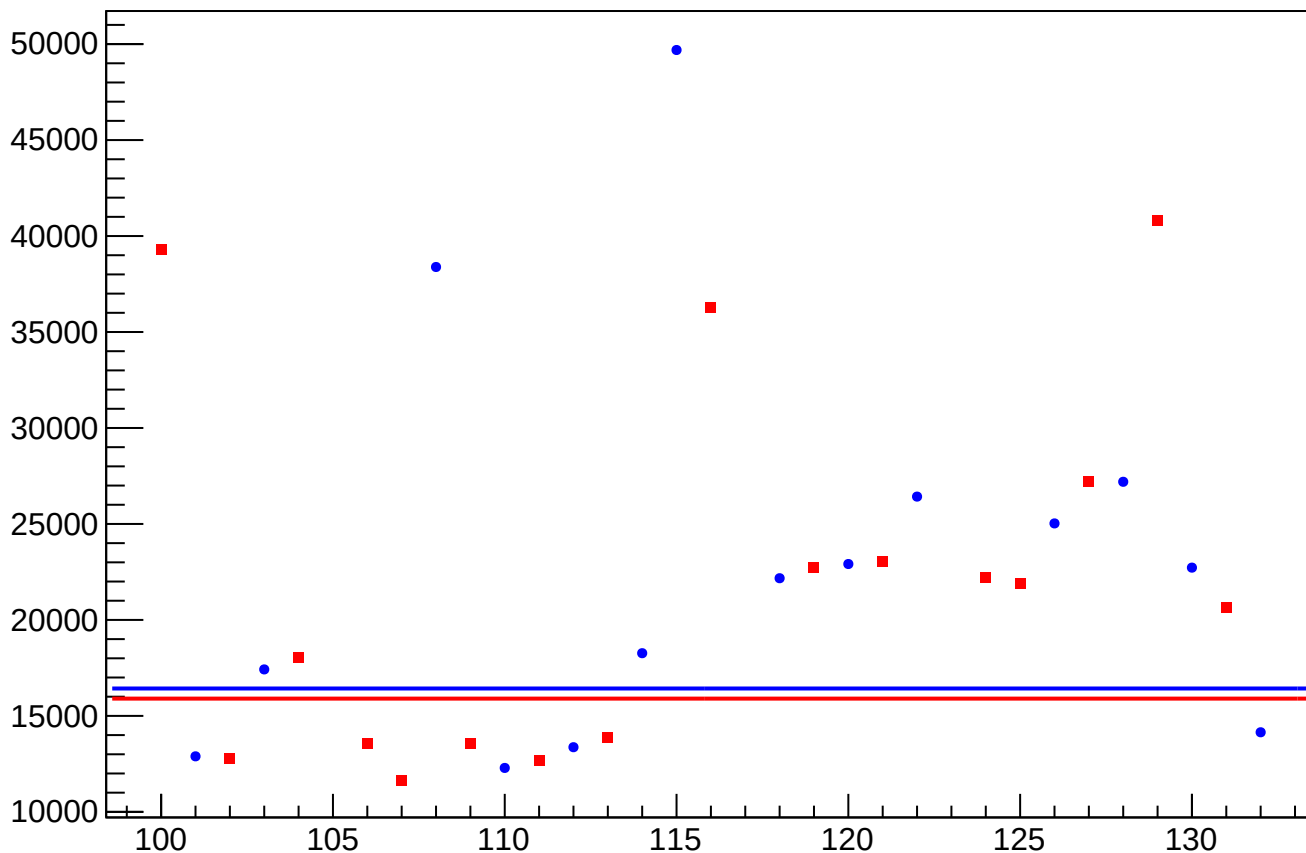
Right: 0.811+/-5.182 χ^2/NDF : 36.9/29

In: -0.015+/-7.589 χ^2/NDF :15.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.811+/-5.182 χ^2/NDF : 36.9/29

asym_bcm_an_diff_rms vs Slug, Sign Corrected



Right In: 16427.357+/-5.366 χ^2/NDF : 962243.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15900.600+/-5.015 χ^2/NDF : 1052819.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

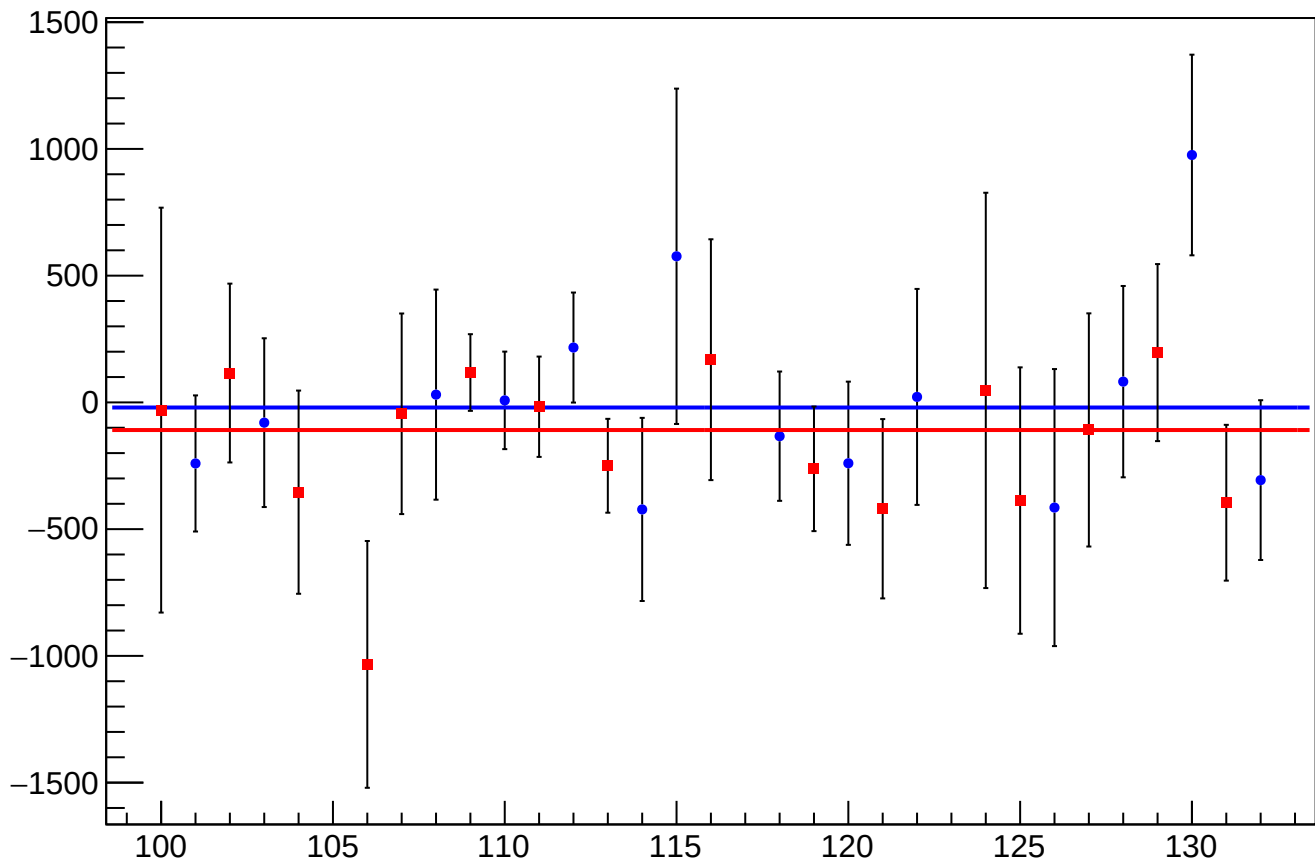
Right: 16146.143+/-3.664 χ^2/NDF : 2020207.2/29

In: 16427.357+/-5.366 χ^2/NDF : 962243.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16146.143+/-3.664 χ^2/NDF : 2020207.2/29

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: -20.156 ± 83.254 χ^2/NDF : 12.4/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -109.033 ± 73.996 χ^2/NDF : 10.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

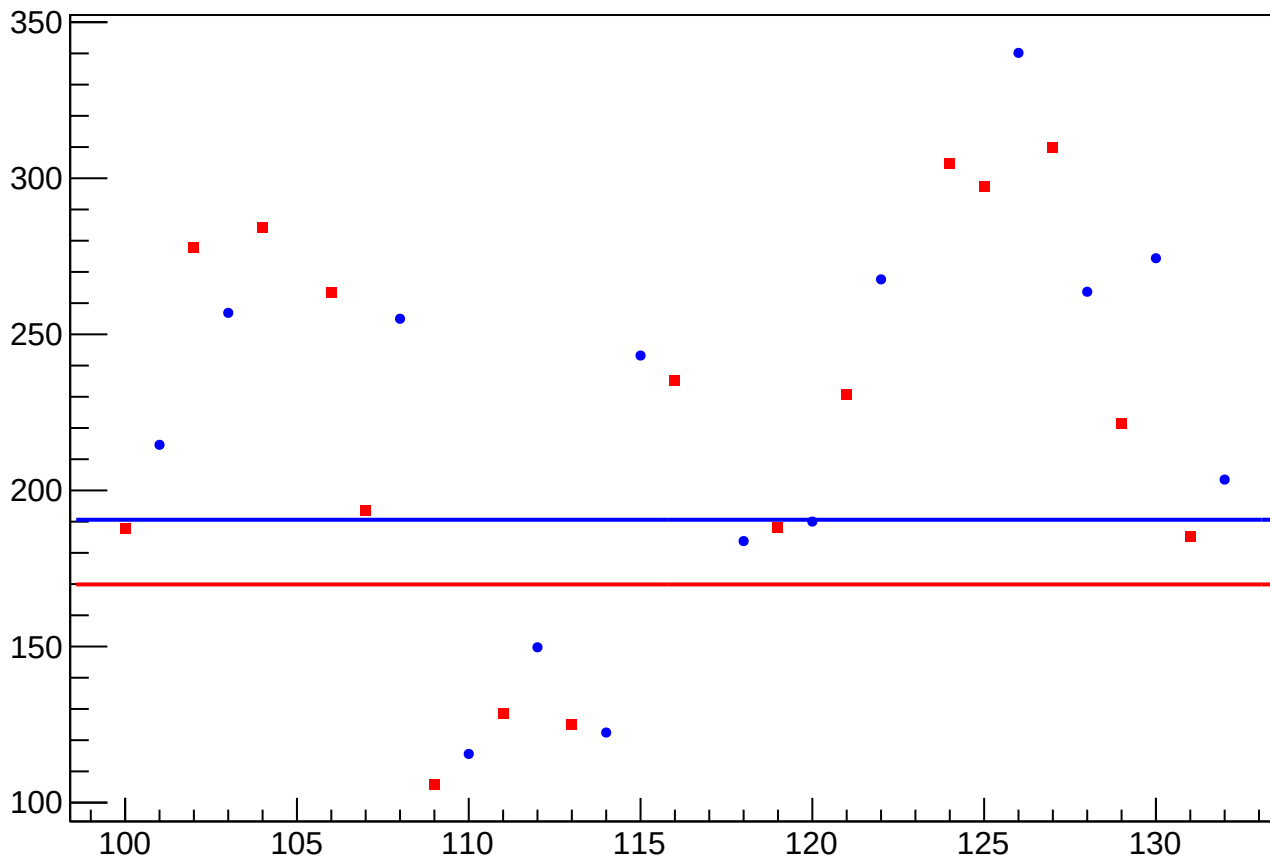
Right: -69.809 ± 55.308 χ^2/NDF : 24.0/29

In: -20.156 ± 83.254 χ^2/NDF : 12.4/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -69.809 ± 55.308 χ^2/NDF : 24.0/29

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 190.615+/-0.059 χ^2/NDF : 986889.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.890+/-0.052 χ^2/NDF : 1515176.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

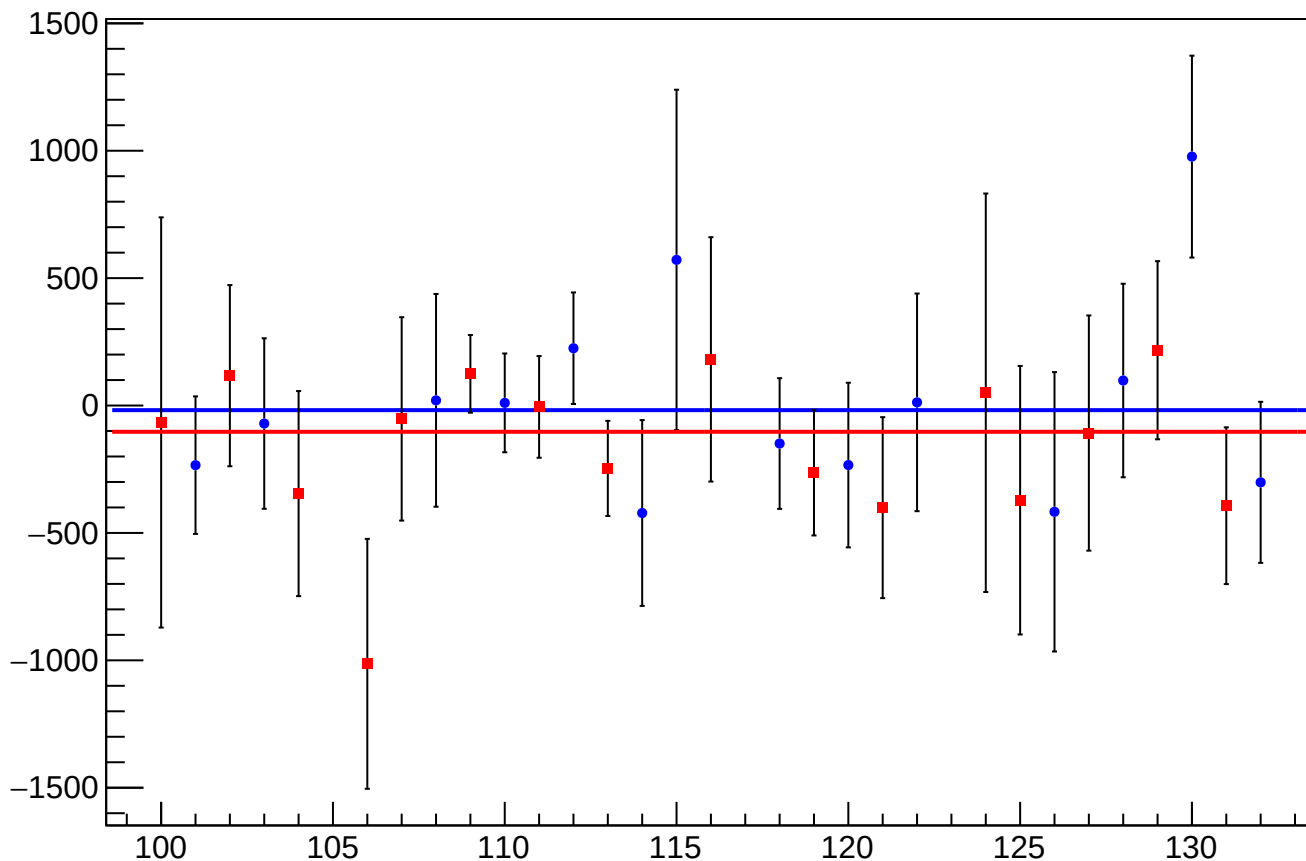
Right: 179.036+/-0.039 χ^2/NDF : 2571308.2/29

In: 190.615+/-0.059 χ^2/NDF : 986889.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.036+/-0.039 χ^2/NDF : 2571308.2/29

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: -18.102 ± 83.757 χ^2/NDF : 12.4/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -103.029 ± 74.465 χ^2/NDF : 10.8/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

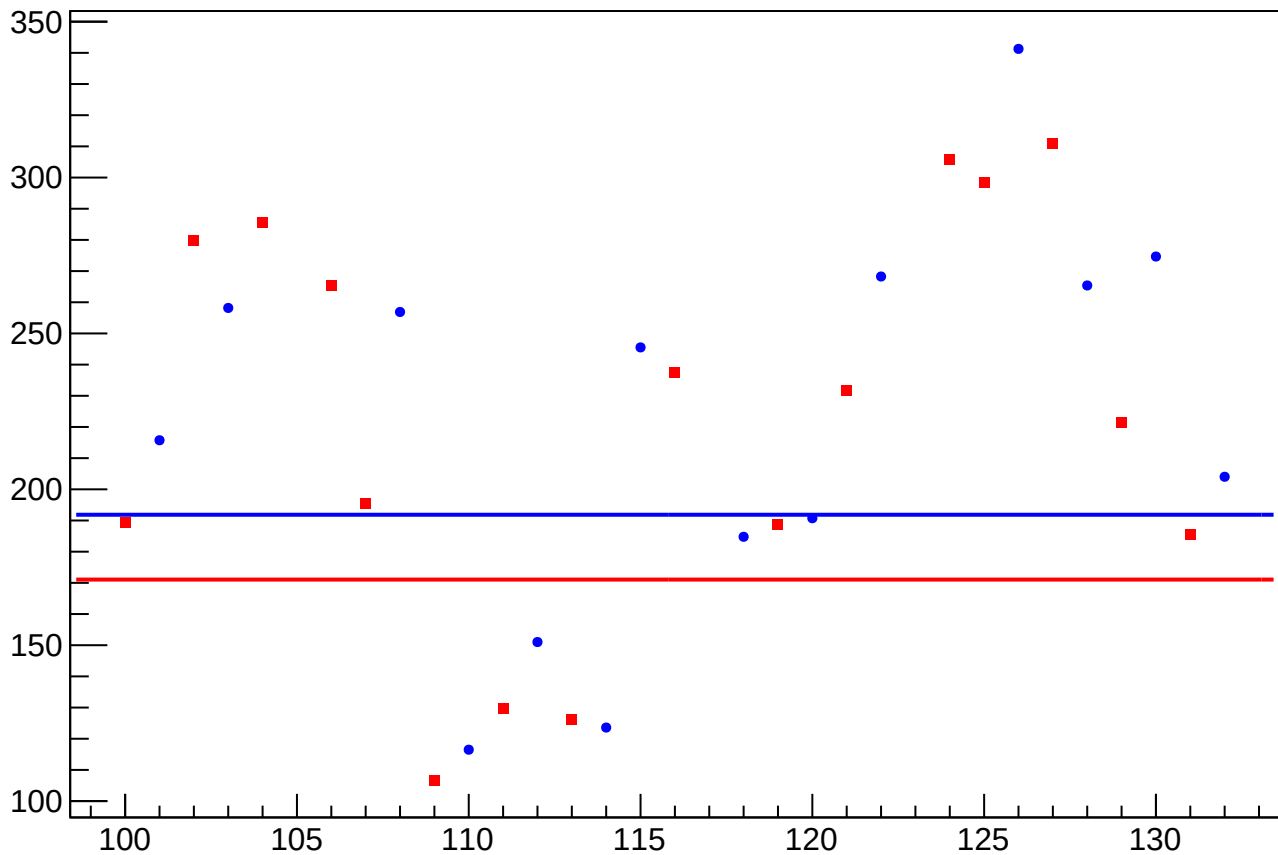
Right: -65.536 ± 55.651 χ^2/NDF : 23.7/29

In: -18.102 ± 83.757 χ^2/NDF : 12.4/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -65.536 ± 55.651 χ^2/NDF : 23.7/29

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 191.848 $\pm$ 0.059 χ^2 /NDF: 977200.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 171.053 $\pm$ 0.053 χ^2 /NDF: 1503760.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

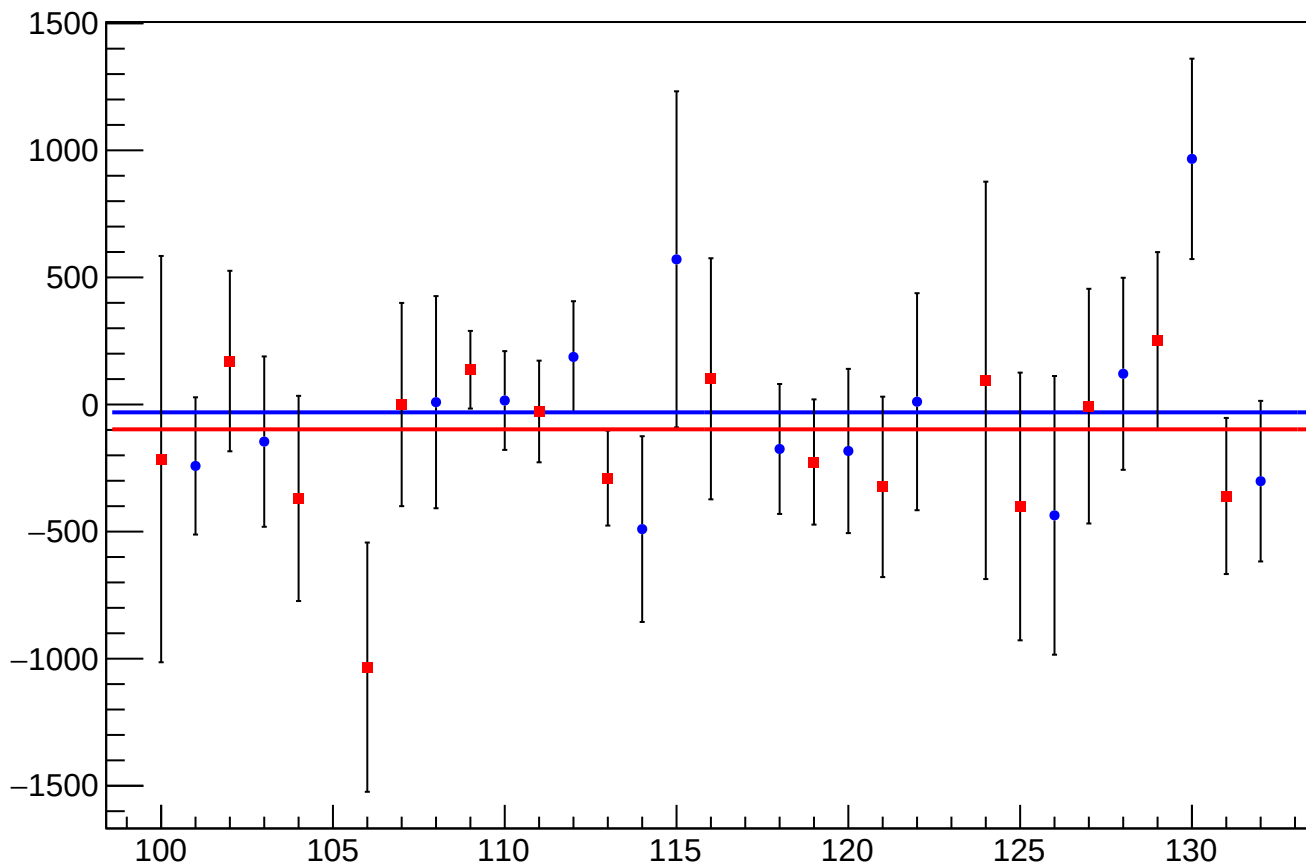
Right: 180.234 $\pm$ 0.039 χ^2 /NDF: 2549812.4/29

In: 191.848 $\pm$ 0.059 χ^2 /NDF:977200.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 180.234 $\pm$ 0.039 χ^2 /NDF: 2549812.4/29

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: -30.813 ± 83.743 χ^2/NDF : 12.6/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -97.651 ± 74.510 χ^2/NDF : 11.3/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

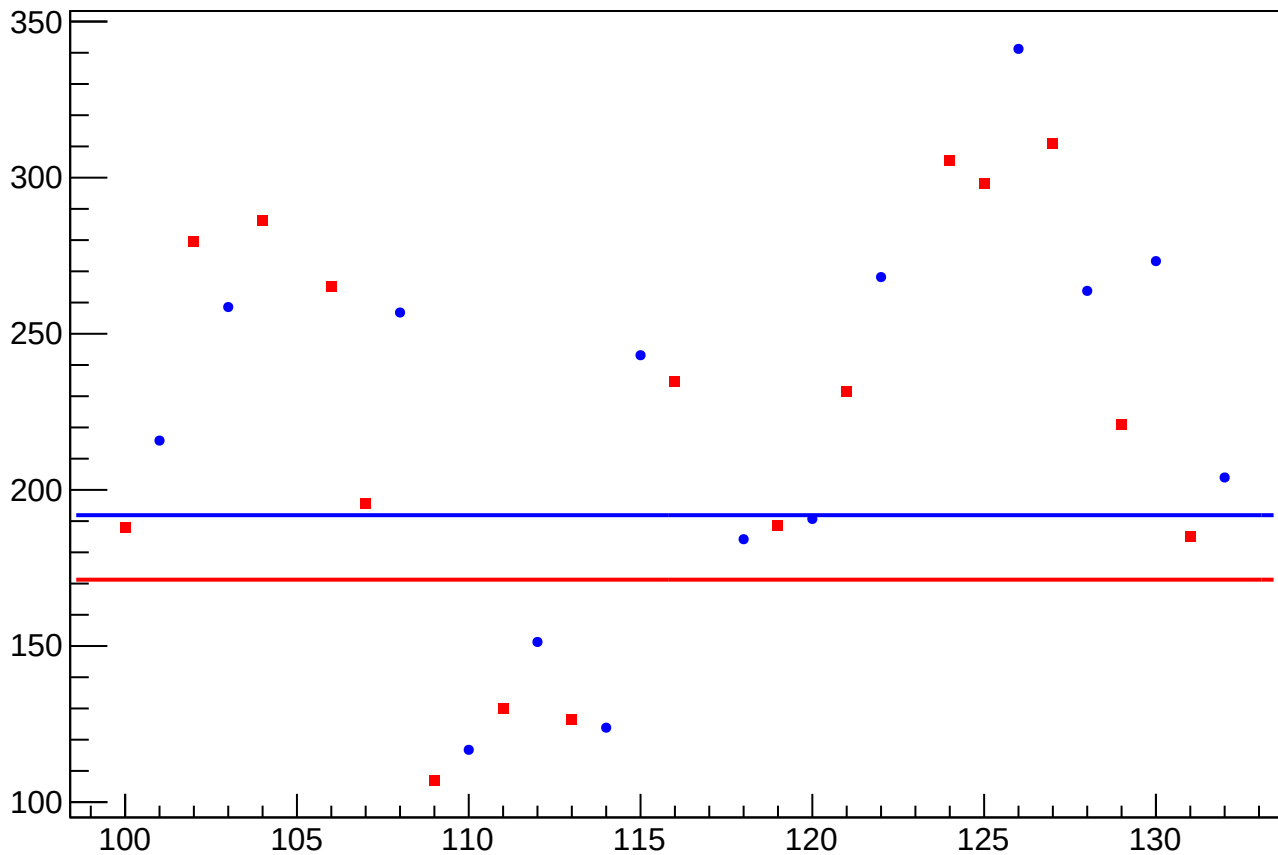
Right: -68.119 ± 55.666 χ^2/NDF : 24.2/29

In: -30.813 ± 83.743 χ^2/NDF : 12.6/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -68.119 ± 55.666 χ^2/NDF : 24.2/29

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 191.904 $\pm$ 0.059 χ^2 /NDF: 966872.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 171.247 $\pm$ 0.053 χ^2 /NDF: 1493321.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

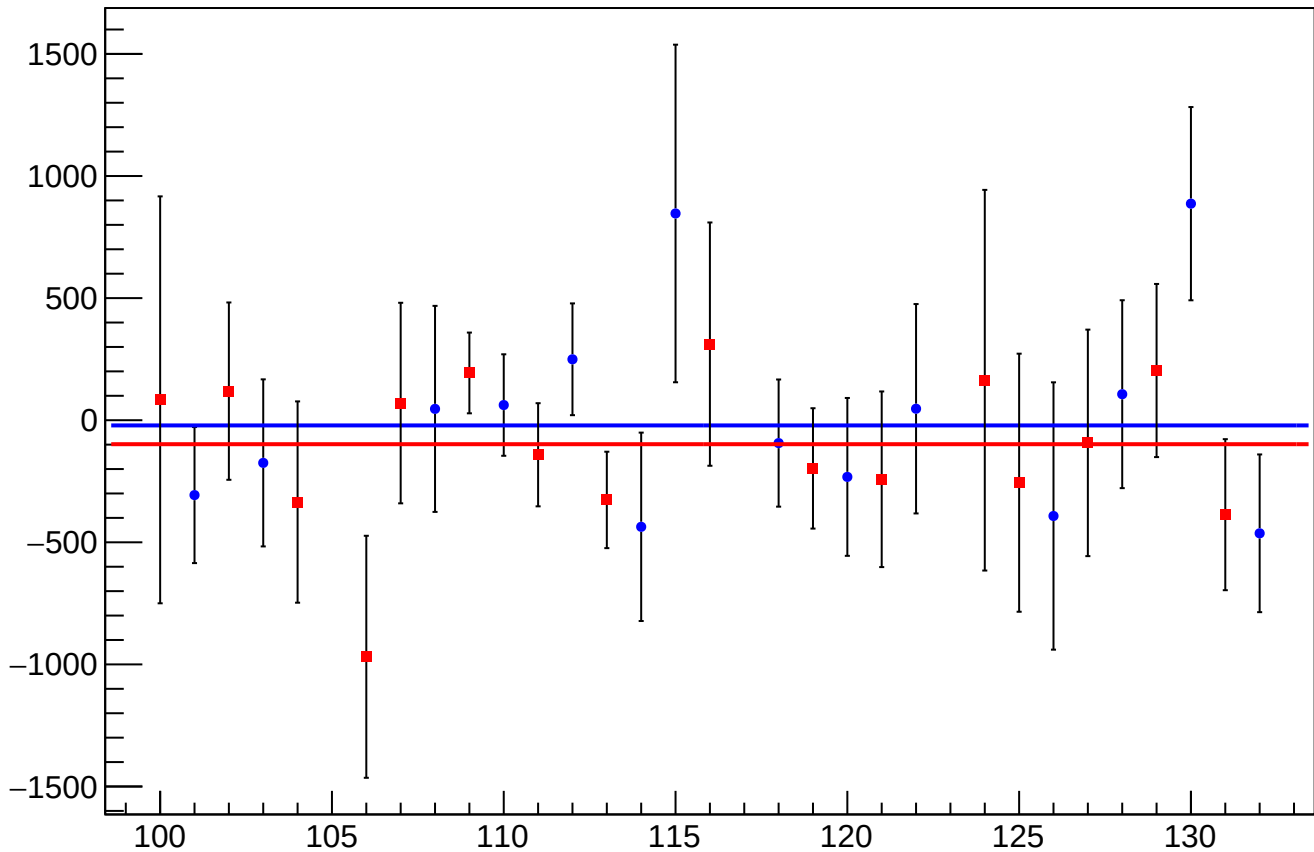
Right: 180.374 $\pm$ 0.039 χ^2 /NDF: 2528112.0/29

In: 191.904 $\pm$ 0.059 χ^2 /NDF:966872.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 180.374 $\pm$ 0.039 χ^2 /NDF: 2528112.0/29

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: -21.334 ± 86.407 χ^2/NDF : 13.8/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -98.228 ± 77.595 χ^2/NDF : 11.3/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

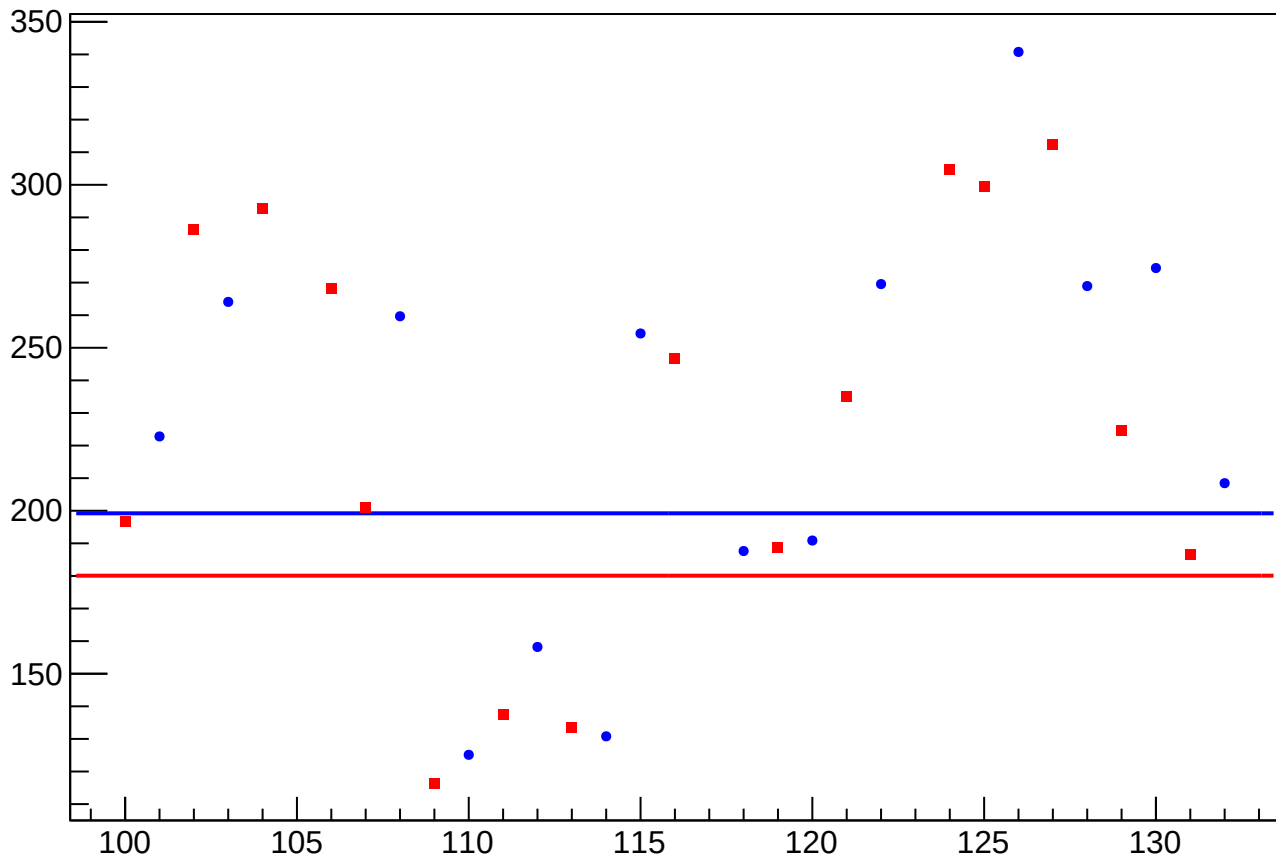
Right: -63.901 ± 57.733 χ^2/NDF : 25.5/29

In: -21.334 ± 86.407 χ^2/NDF : 13.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -63.901 ± 57.733 χ^2/NDF : 25.5/29

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 199.214+/-0.061 χ^2/NDF : 853913.6/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 180.082+/-0.055 χ^2/NDF : 1311474.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

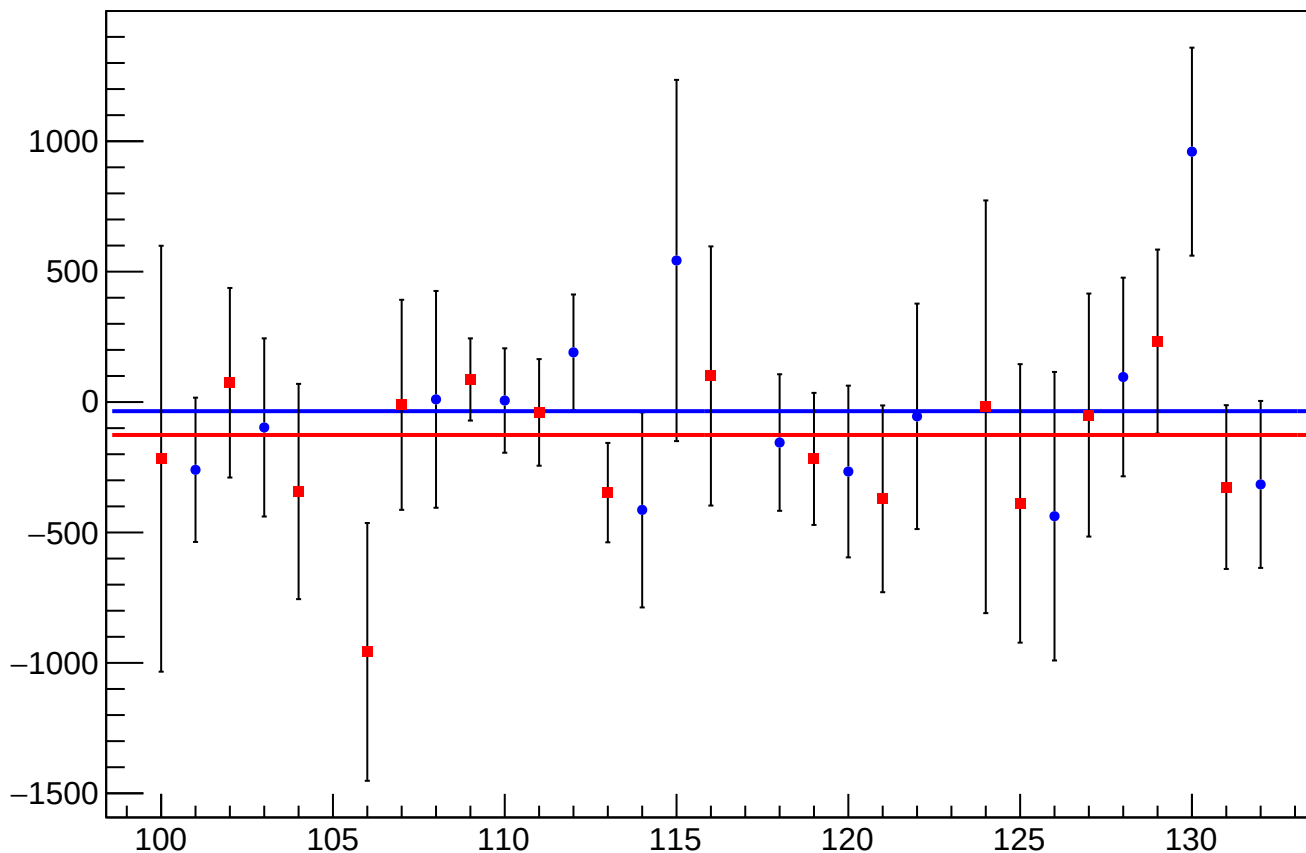
Right: 188.623+/-0.041 χ^2/NDF : 2219666.4/29

In: 199.214+/-0.061 χ^2/NDF :853913.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 188.623+/-0.041 χ^2/NDF : 2219666.4/29

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: -34.935 ± 85.332 χ^2/NDF : 11.9/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -126.192 ± 76.174 χ^2/NDF : 9.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

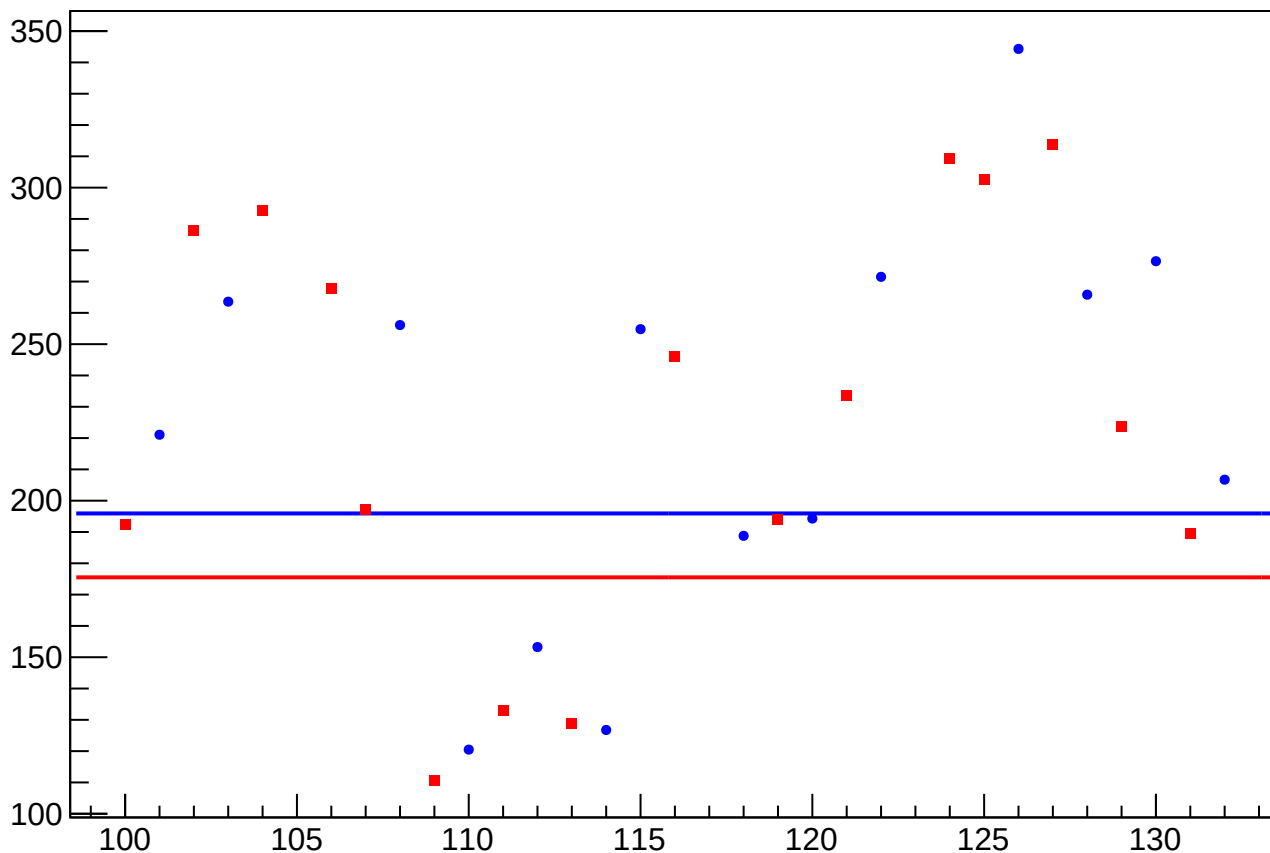
Right: -85.721 ± 56.826 χ^2/NDF : 21.9/29

In: -34.935 ± 85.332 χ^2/NDF : 11.9/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -85.721 ± 56.826 χ^2/NDF : 21.9/29

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 195.927+/-0.060 χ^2/NDF : 935772.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 175.513+/-0.054 χ^2/NDF : 1460859.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

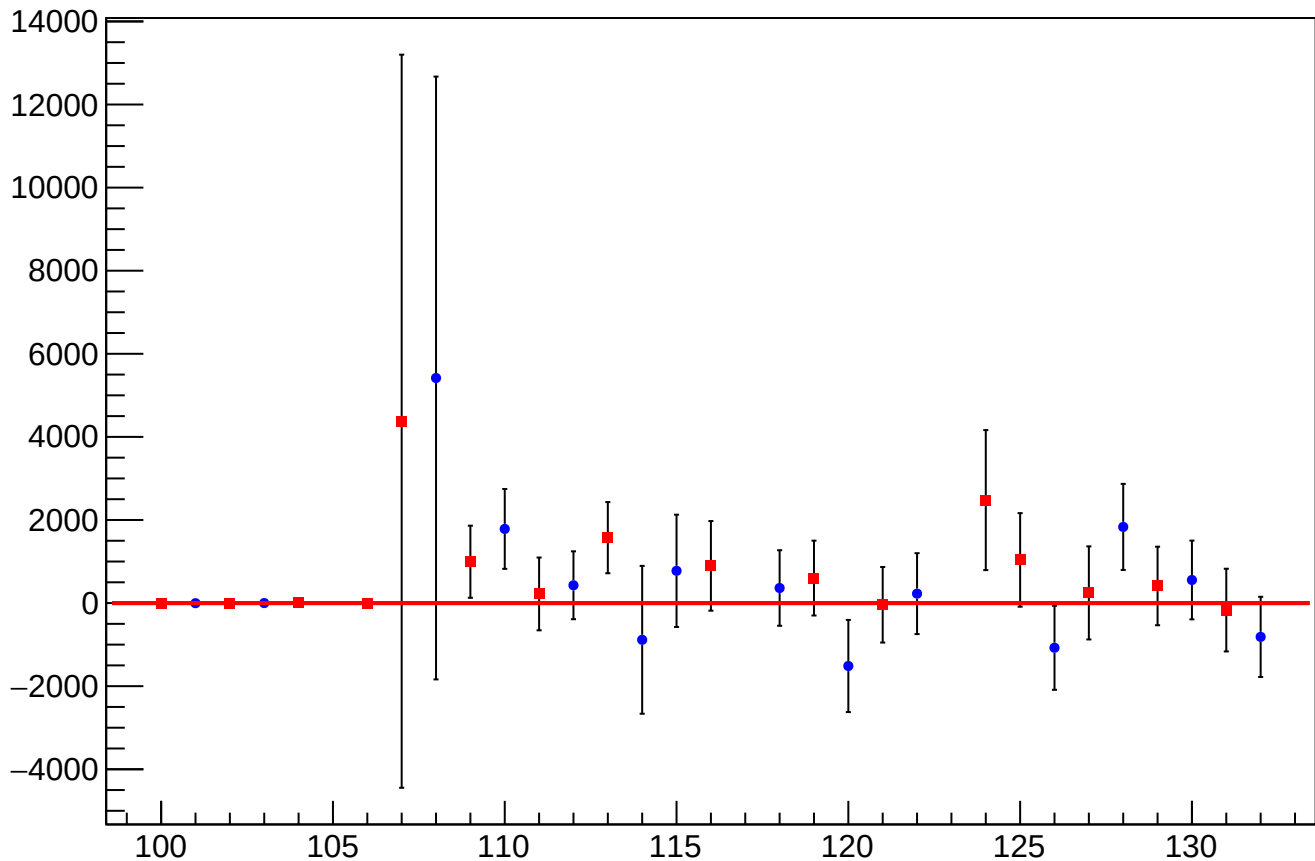
Right: 184.566+/-0.040 χ^2/NDF : 2460332.6/29

In: 195.927+/-0.060 χ^2/NDF : 935772.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.566+/-0.040 χ^2/NDF : 2460332.6/29

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.206+/-2.171 χ^2/NDF : 12.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.393+/-2.022 χ^2/NDF : 14.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

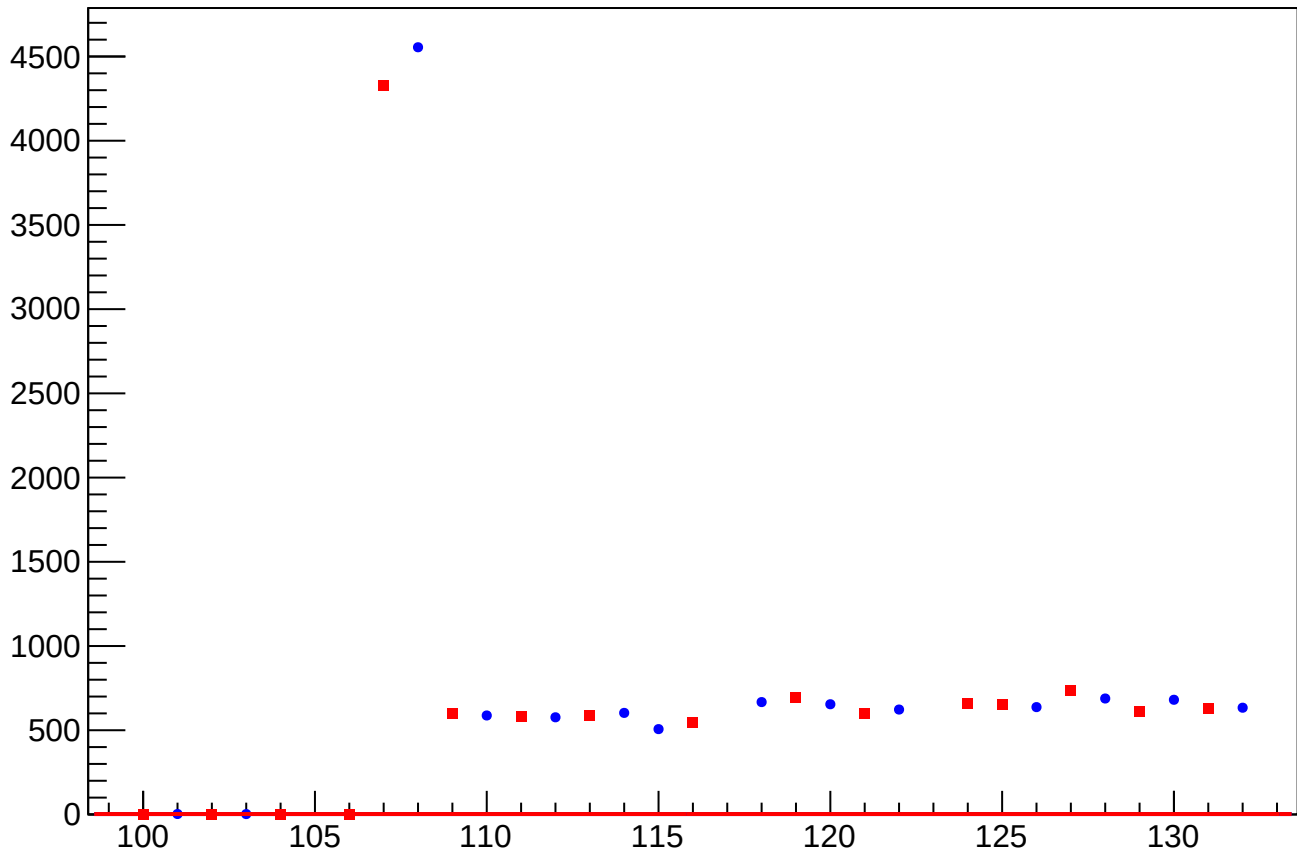
Right: 0.186+/-1.480 χ^2/NDF : 28.0/29

In: -1.206+/-2.171 χ^2/NDF : 12.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.186+/-1.480 χ^2/NDF : 28.0/29

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.461+/-0.002 χ^2/NDF : 9155690.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.452+/-0.001 χ^2/NDF : 9258329.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

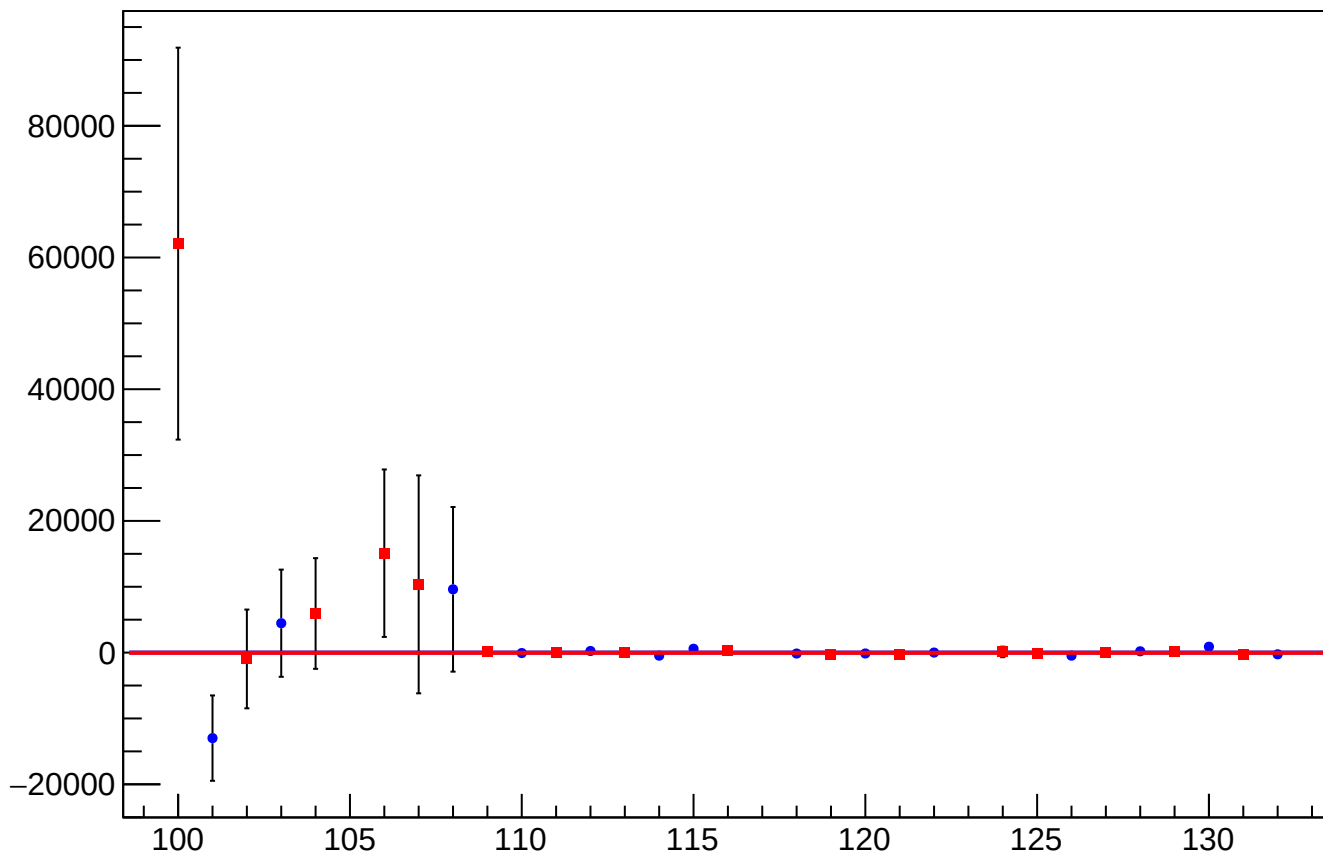
Right: 2.456+/-0.001 χ^2/NDF : 18414041.8/29

In: 2.461+/-0.002 χ^2/NDF : 9155690.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.456+/-0.001 χ^2/NDF : 18414041.8/29

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 8.005+/-97.806 χ^2 /NDF: 15.2/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -31.493+/-91.132 χ^2 /NDF: 12.1/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

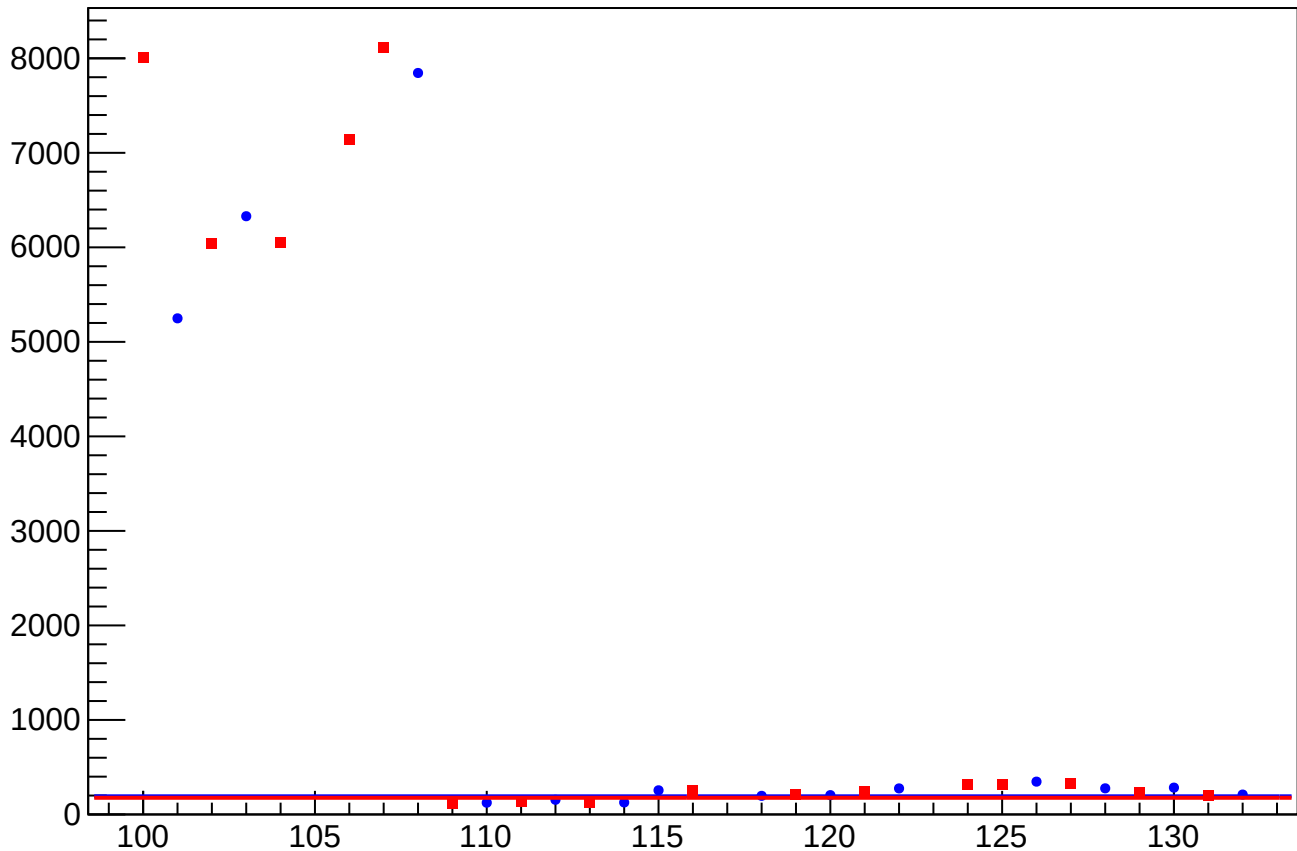
Right: -13.137+/-66.675 χ^2 /NDF: 27.4/29

In: 8.005+/-97.806 χ^2 /NDF:15.2/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -13.137+/-66.675 χ^2 /NDF: 27.4/29

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 191.876+/-0.069 χ^2/NDF : 3877341.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.517+/-0.064 χ^2/NDF : 4278773.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

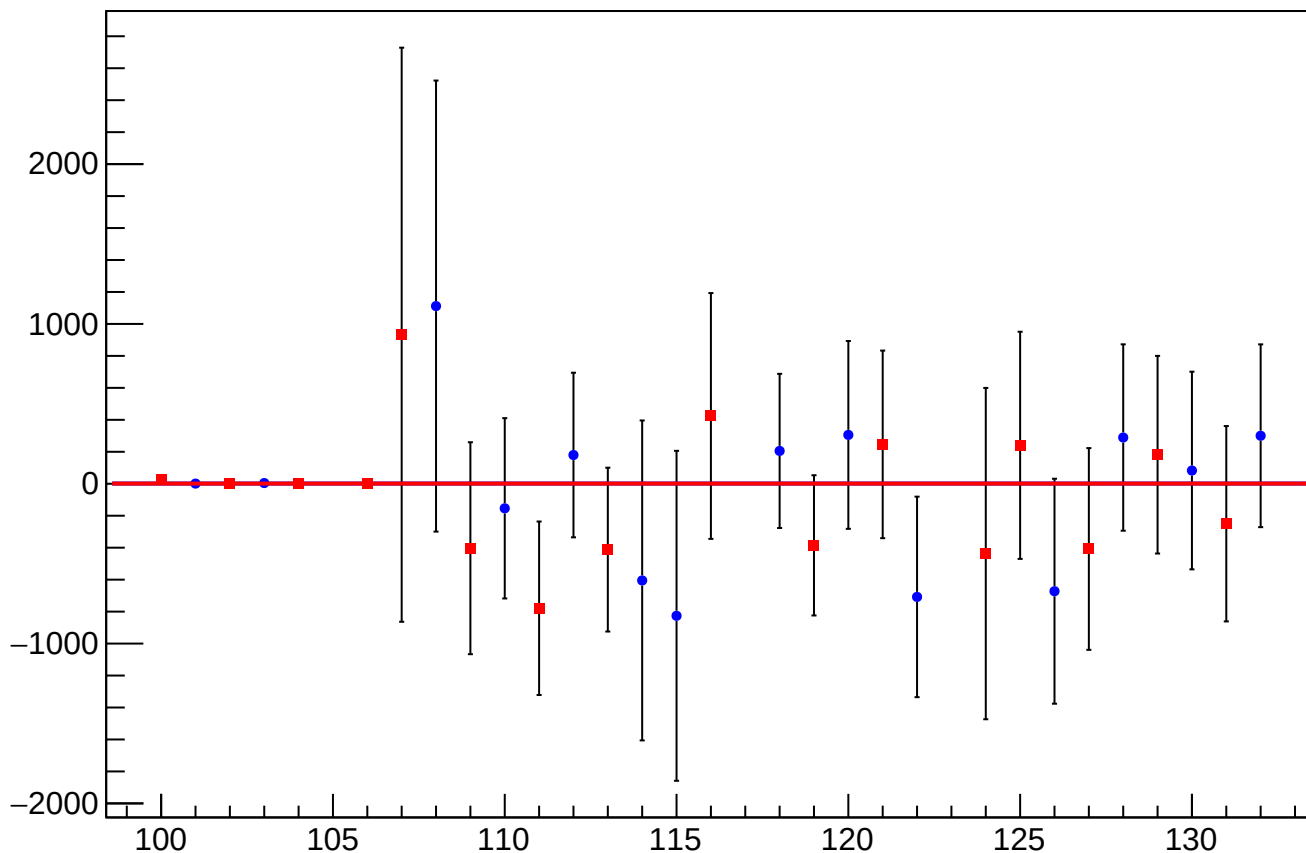
Right: 183.655+/-0.047 χ^2/NDF : 8182518.2/29

In: 191.876+/-0.069 χ^2/NDF : 3877341.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.655+/-0.047 χ^2/NDF : 8182518.2/29

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: 1.443+/-1.660 χ^2/NDF : 5.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.098+/-1.528 χ^2/NDF : 8.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

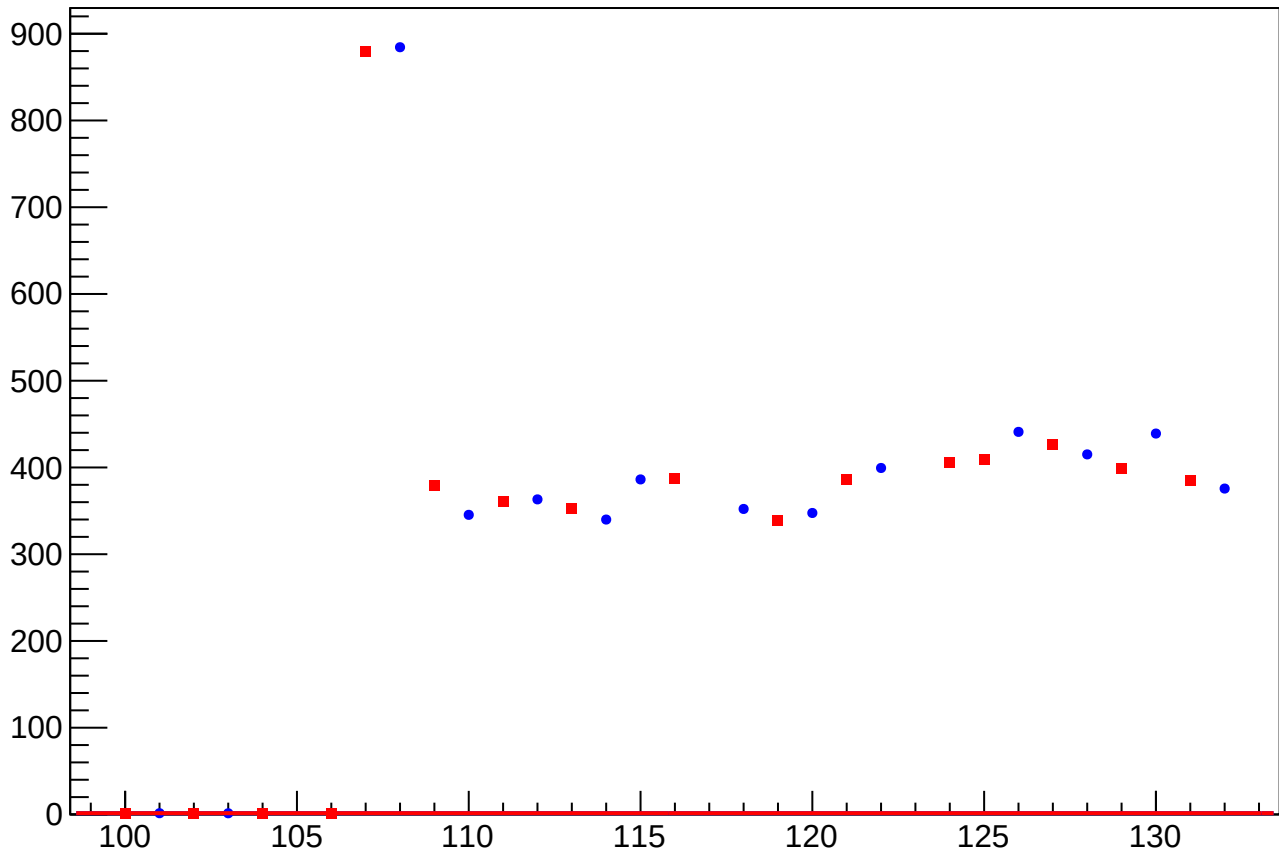
Right: 1.256+/-1.124 χ^2/NDF : 13.5/29

In: 1.443+/-1.660 χ^2/NDF : 5.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.256+/-1.124 χ^2/NDF : 13.5/29

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.461+/-0.001 χ^2/NDF : 9221763.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.460+/-0.001 χ^2/NDF : 8967778.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

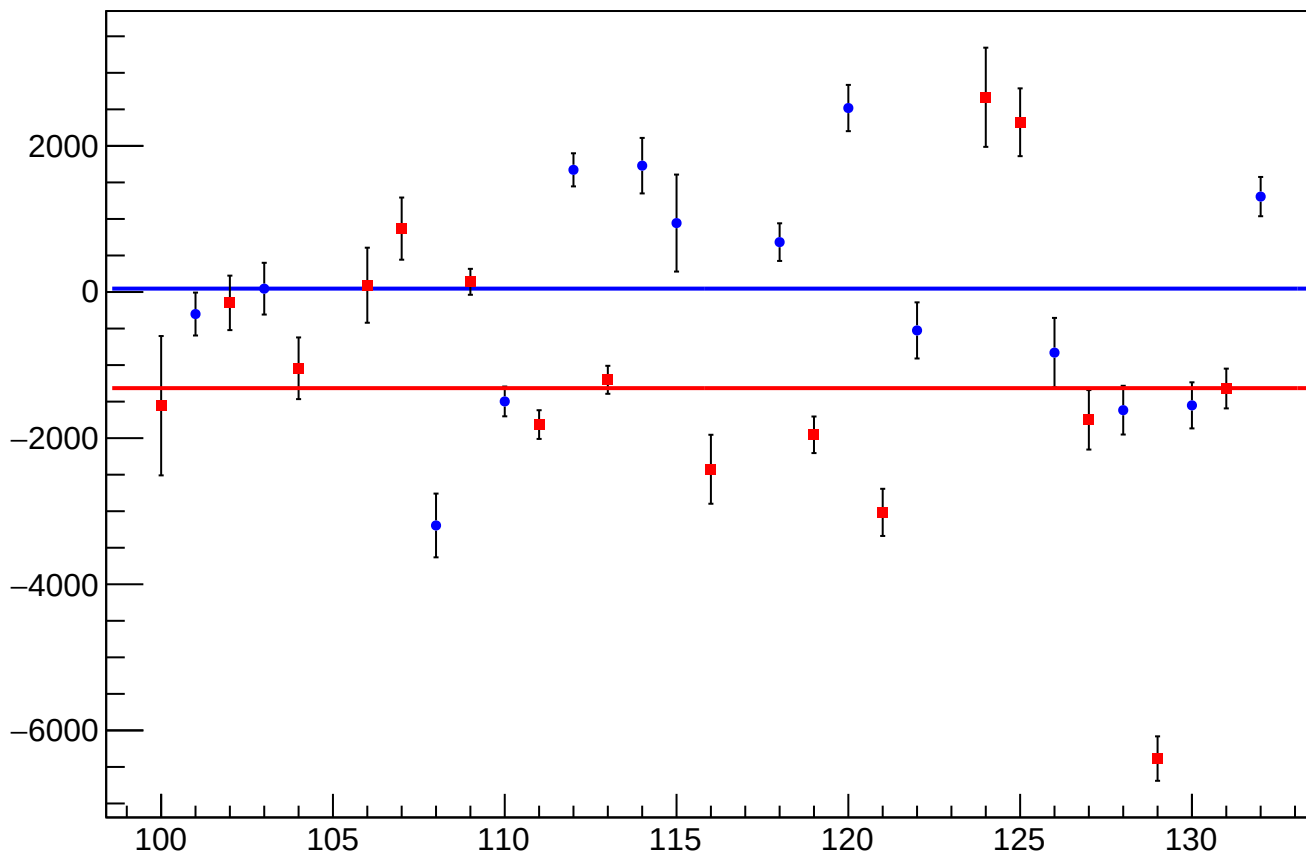
Right: 1.460+/-0.001 χ^2/NDF : 18189542.1/29

In: 1.461+/-0.001 χ^2/NDF : 9221763.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.460+/-0.001 χ^2/NDF : 18189542.1/29

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: 46.699+/-82.562 χ^2/NDF : 332.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1315.479+/-75.526 χ^2/NDF : 532.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

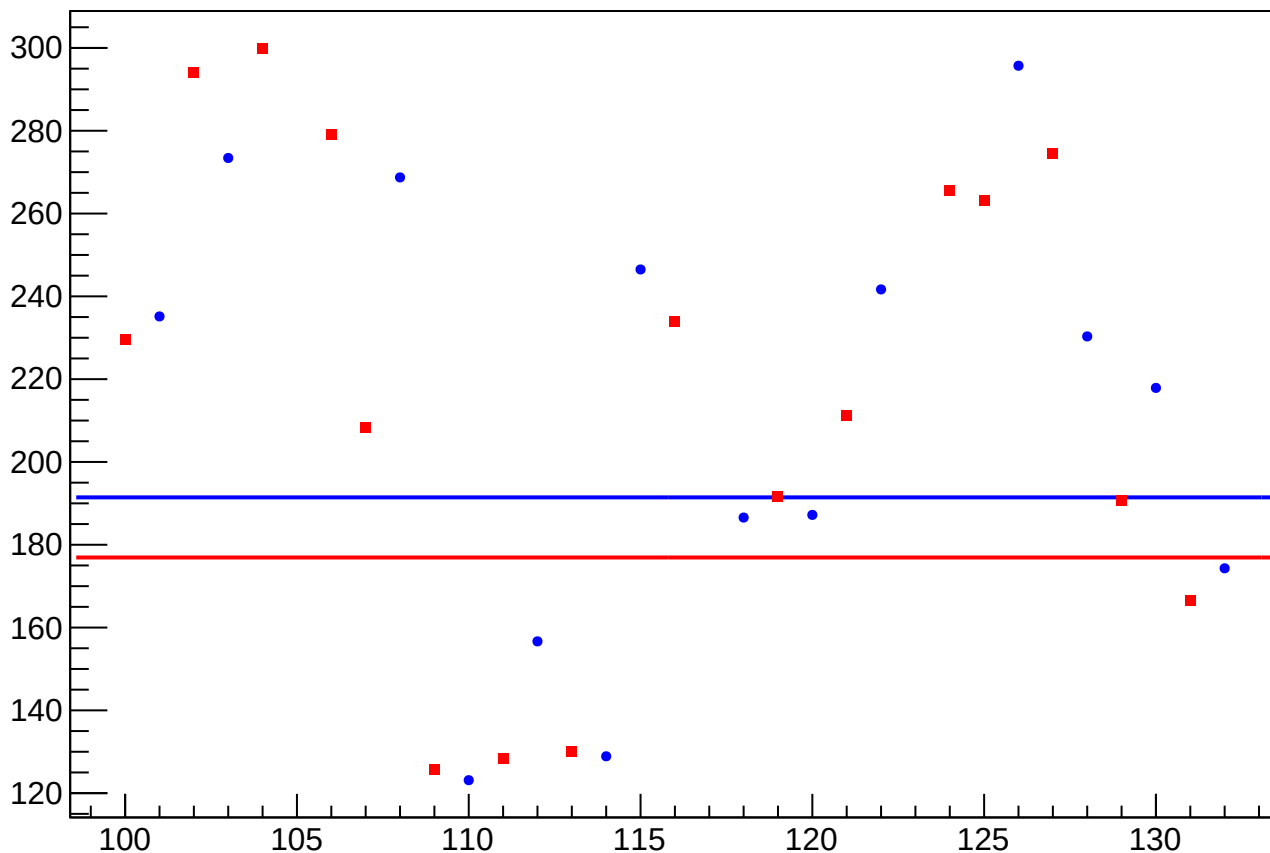
Right: -694.892+/-55.727 χ^2/NDF : 1013.1/29

In: 46.699+/-82.562 χ^2/NDF : 332.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -694.892+/-55.727 χ^2/NDF : 1013.1/29

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 191.446+/-0.058 χ^2/NDF : 734833.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.928+/-0.053 χ^2/NDF : 1156167.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

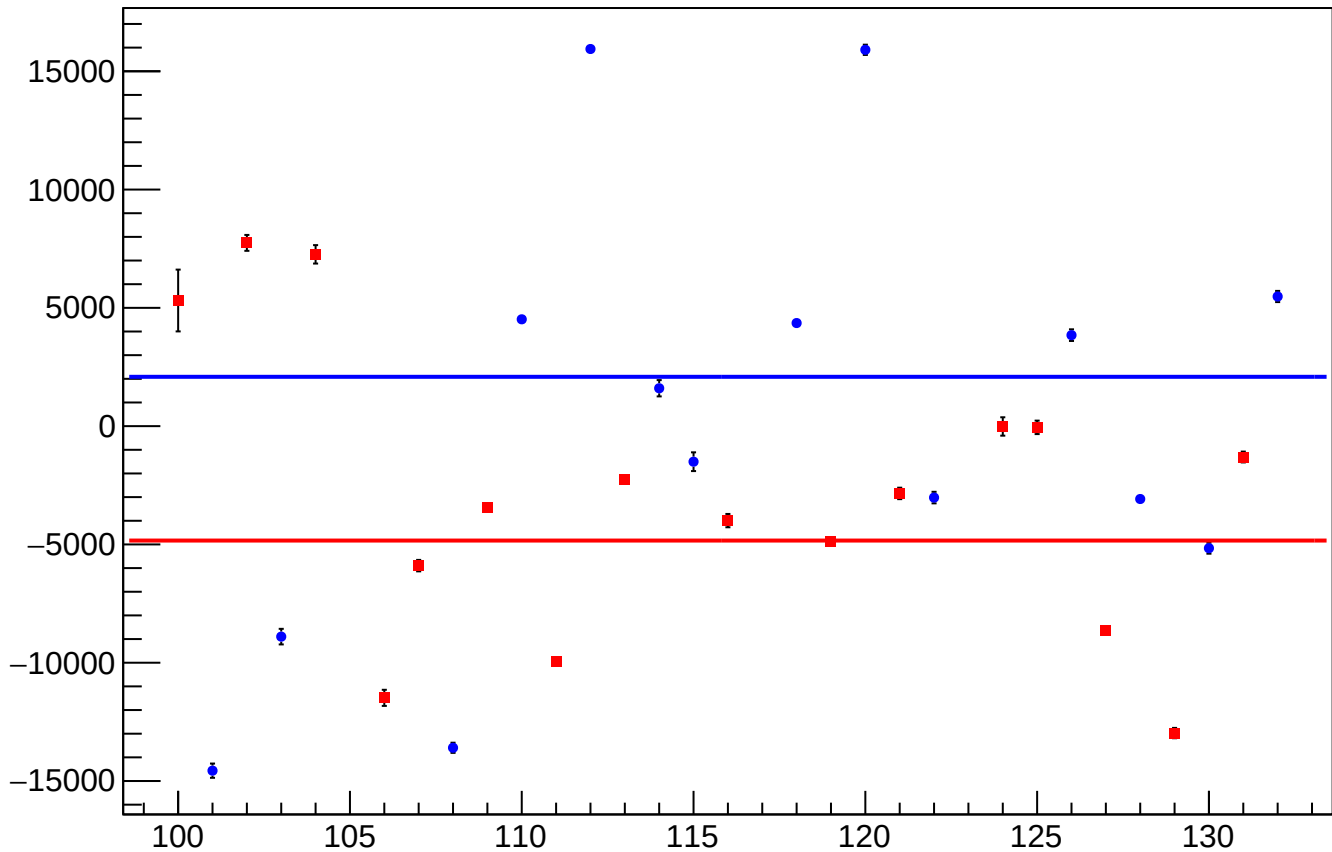
Right: 183.542+/-0.039 χ^2/NDF : 1924664.9/29

In: 191.446+/-0.058 χ^2/NDF : 734833.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.542+/-0.039 χ^2/NDF : 1924664.9/29

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 2085.385+/-60.247 χ^2/NDF : 22736.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4836.010+/-57.250 χ^2/NDF : 6720.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

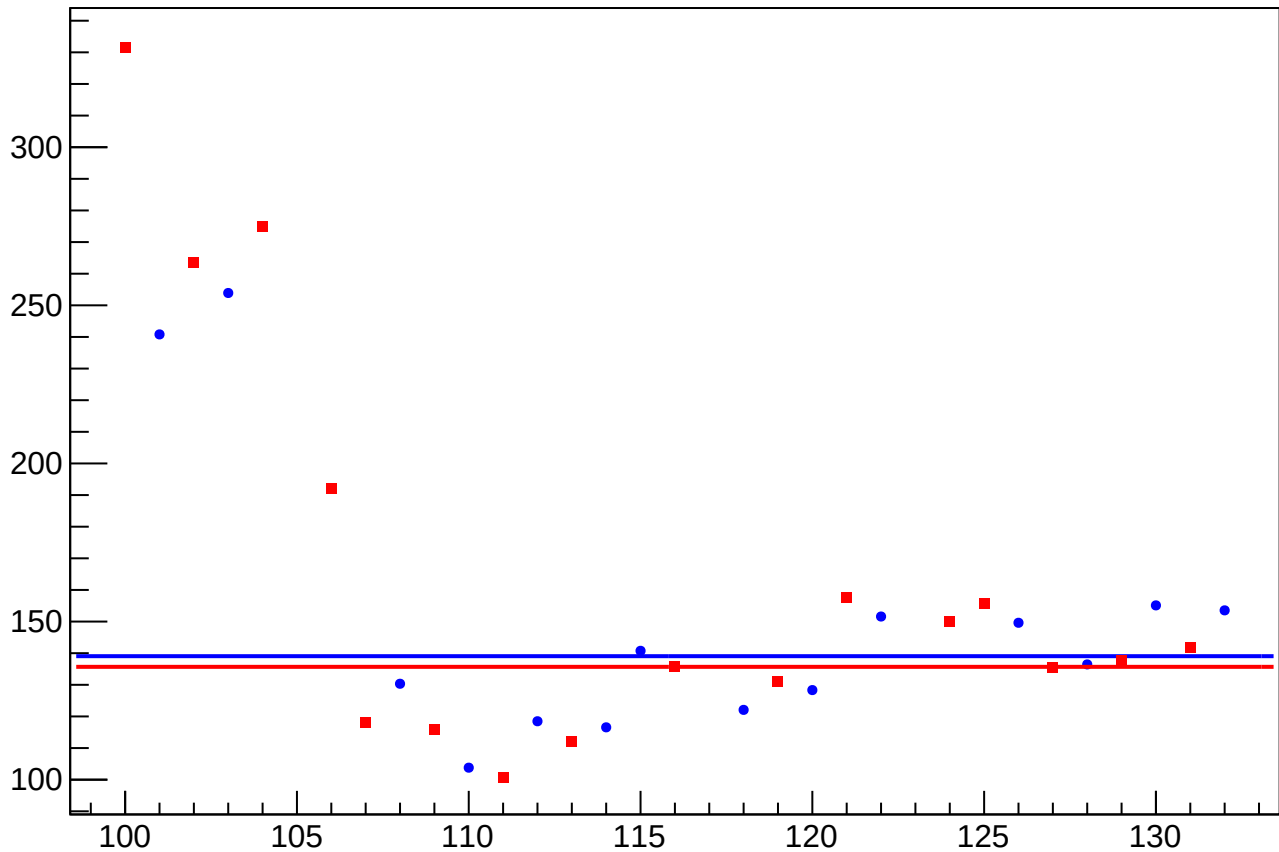
Right: -1551.743+/-41.501 χ^2/NDF : 36392.9/29

In: 2085.385+/-60.247 χ^2/NDF :22736.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1551.743+/-41.501 χ^2/NDF : 36392.9/29

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 139.054+/-0.043 χ^2/NDF : 646006.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.684+/-0.040 χ^2/NDF : 859108.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

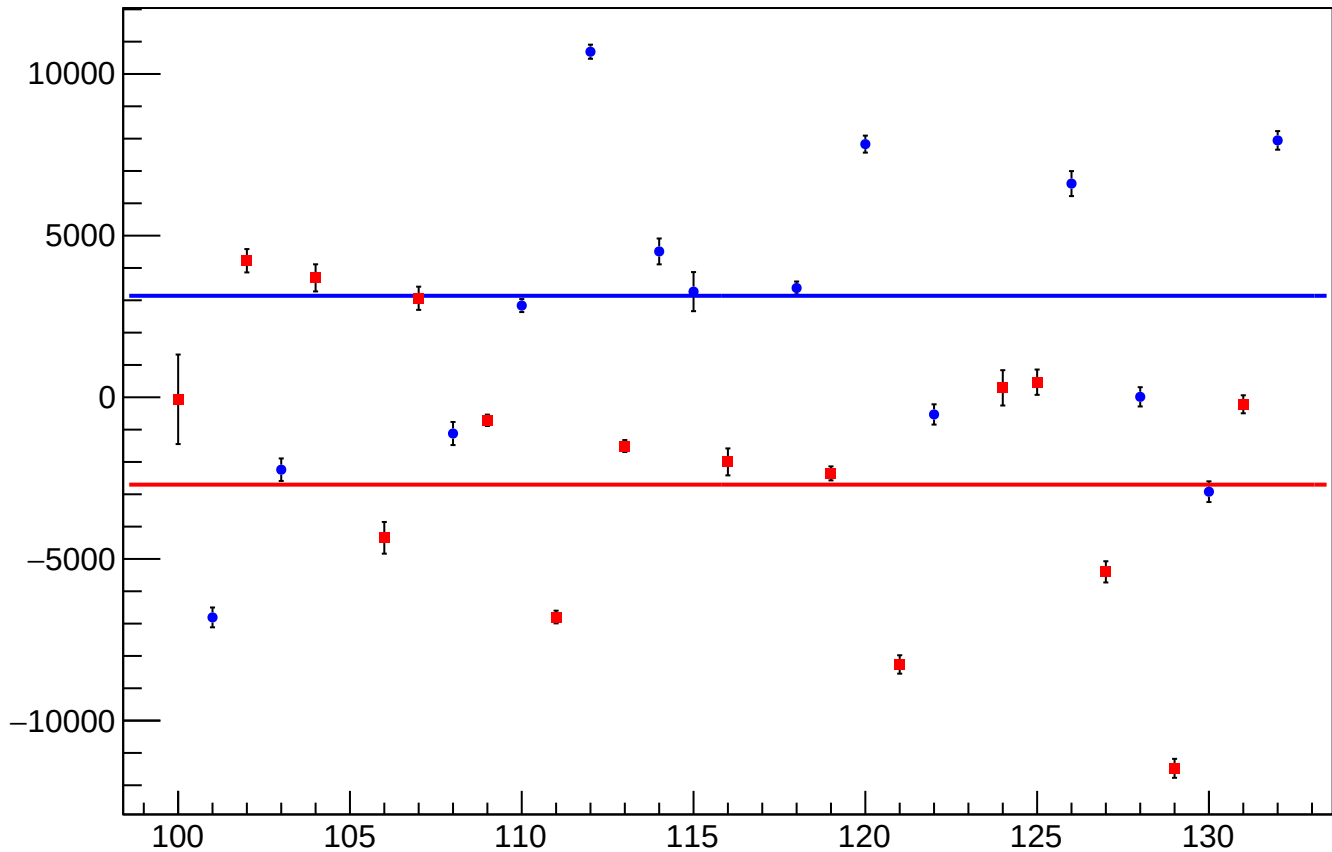
Right: 137.283+/-0.029 χ^2/NDF : 1508404.1/29

In: 139.054+/-0.043 χ^2/NDF : 646006.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.283+/-0.029 χ^2/NDF : 1508404.1/29

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 3139.509+/-76.520 χ^2/NDF : 3930.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2701.594+/-71.330 χ^2/NDF : 3004.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

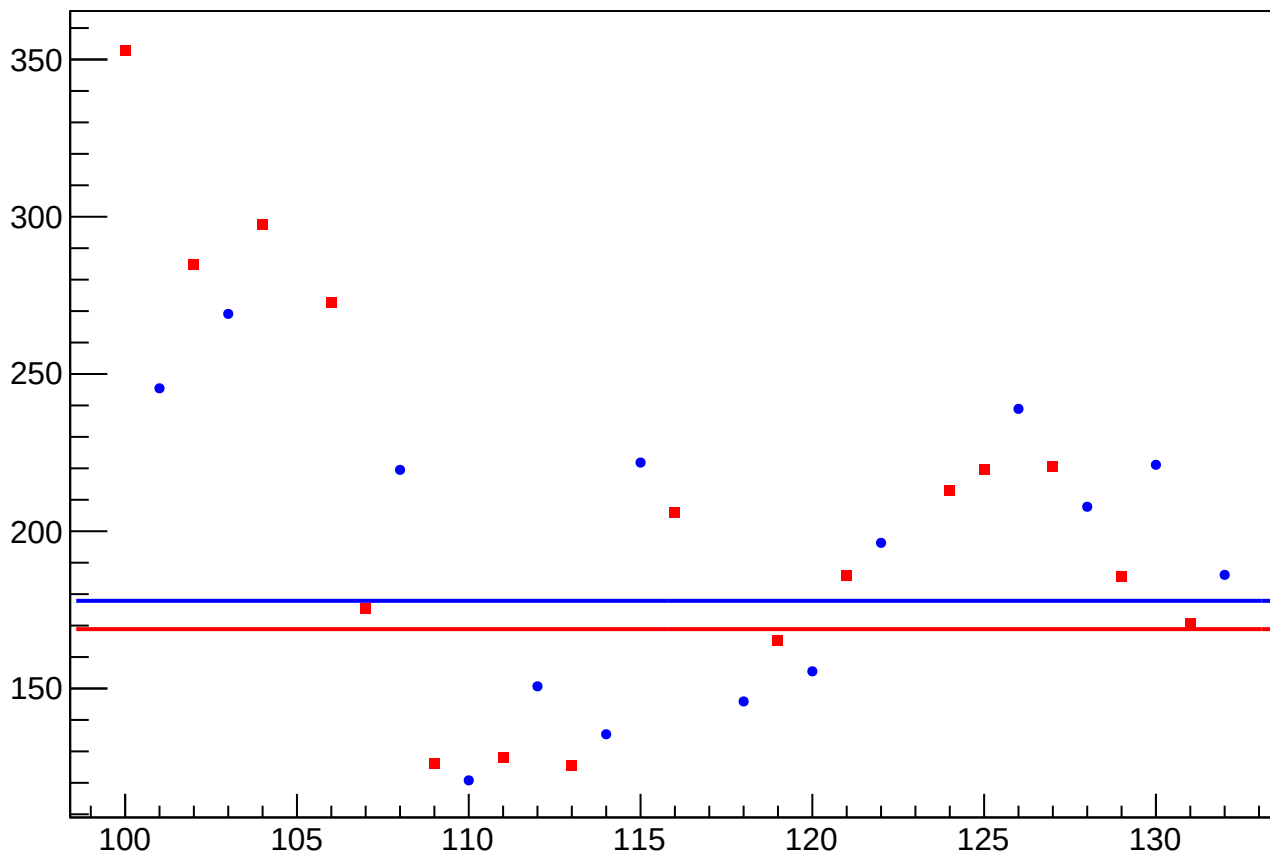
Right: 14.155+/-52.176 χ^2/NDF : 10052.0/29

In: 3139.509+/-76.520 χ^2/NDF :3930.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 14.155+/-52.176 χ^2/NDF : 10052.0/29

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 177.873+/-0.054 χ^2/NDF : 667890.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 168.874+/-0.050 χ^2/NDF : 963175.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

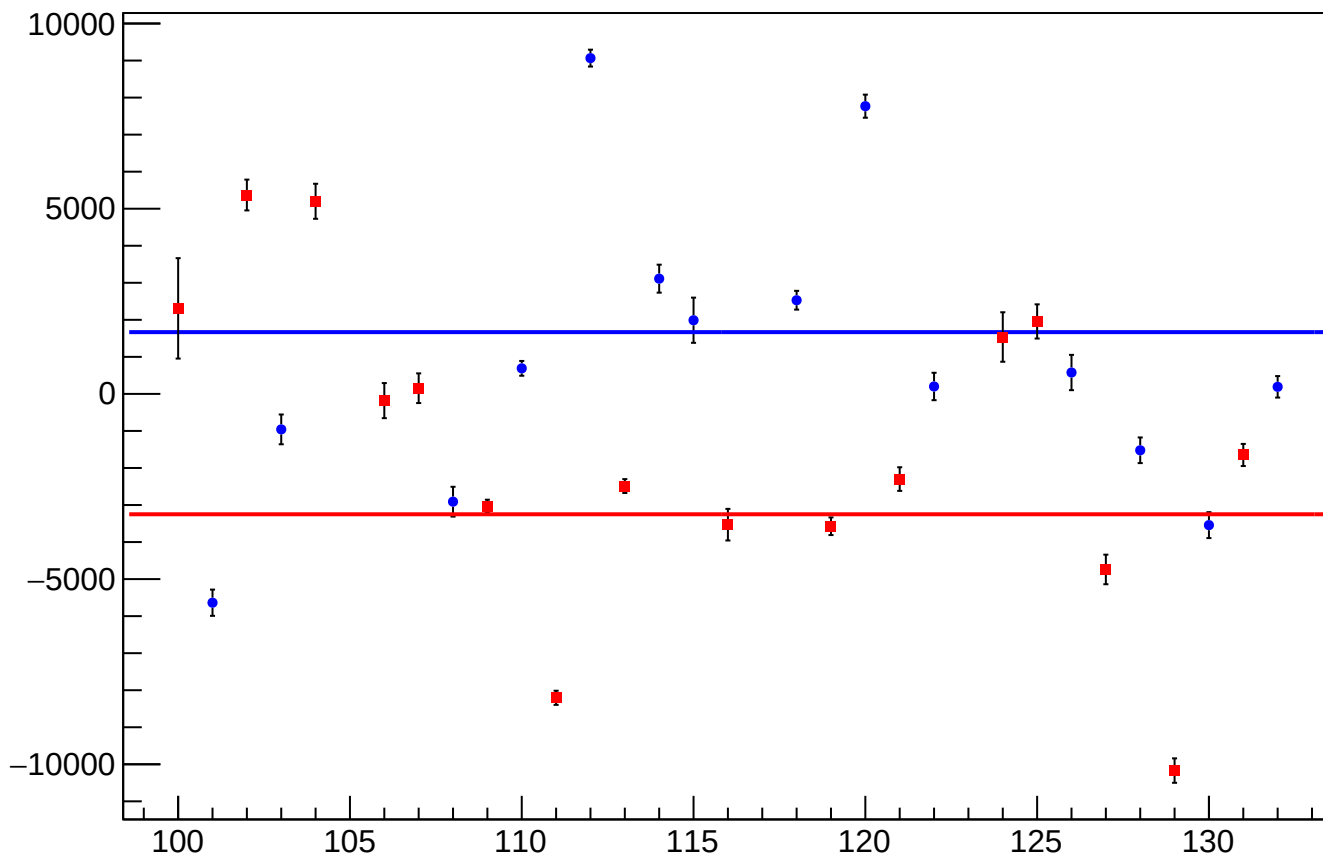
Right: 173.058+/-0.037 χ^2/NDF : 1645865.5/29

In: 177.873+/-0.054 χ^2/NDF :667890.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 173.058+/-0.037 χ^2/NDF : 1645865.5/29

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 1667.642+/-84.432 χ^2/NDF : 2437.3/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3249.843+/-75.678 χ^2/NDF : 2243.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

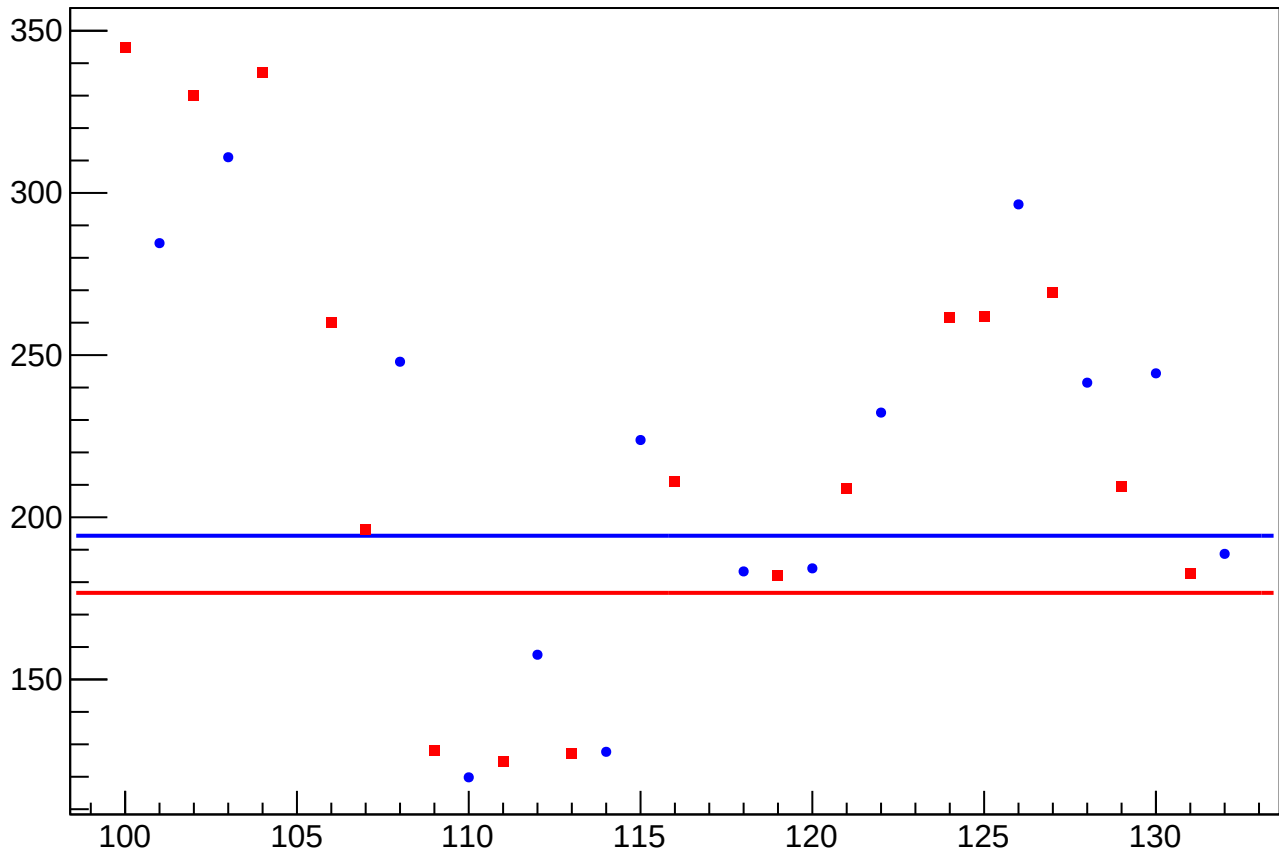
Right: -1059.148+/-56.354 χ^2/NDF : 6561.2/29

In: 1667.642+/-84.432 χ^2/NDF :2437.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1059.148+/-56.354 χ^2/NDF : 6561.2/29

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 194.311+/-0.060 χ^2/NDF : 928051.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.698+/-0.054 χ^2/NDF : 1295552.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

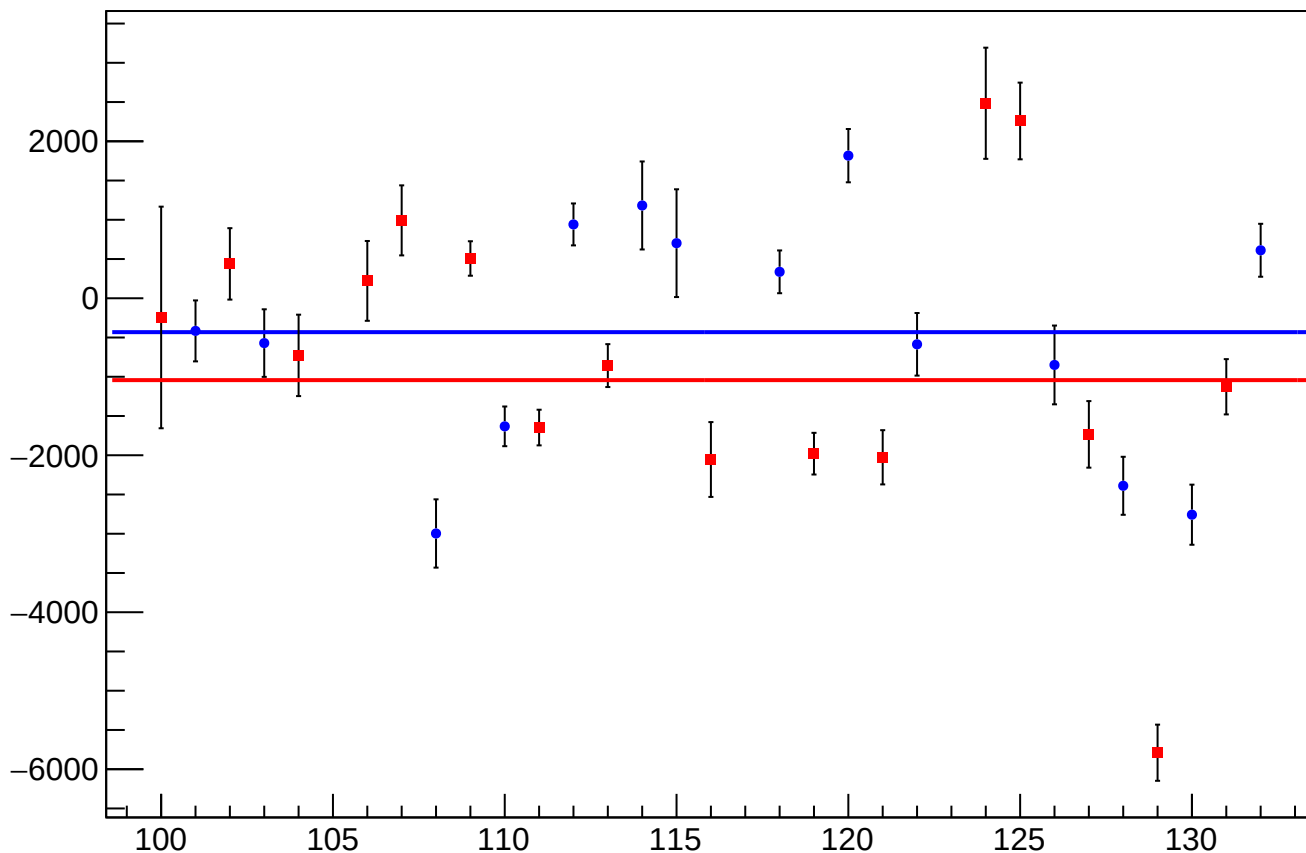
Right: 184.544+/-0.040 χ^2/NDF : 2271864.2/29

In: 194.311+/-0.060 χ^2/NDF : 928051.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.544+/-0.040 χ^2/NDF : 2271864.2/29

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -431.652+/-96.409 χ^2/NDF : 222.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1042.906+/-89.073 χ^2/NDF : 369.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

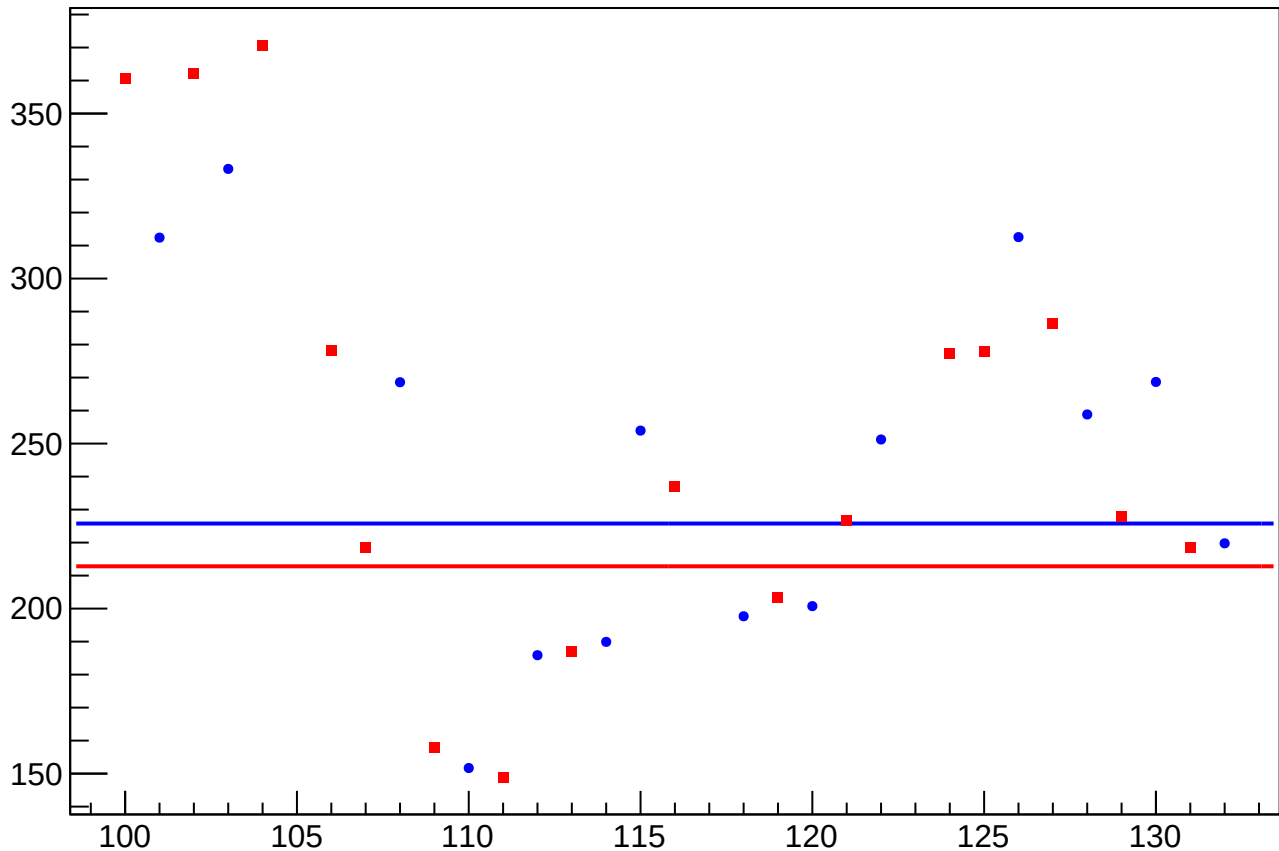
Right: -761.418+/-65.424 χ^2/NDF : 613.6/29

In: -431.652+/-96.409 χ^2/NDF : 222.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -761.418+/-65.424 χ^2/NDF : 613.6/29

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 225.772 ± 0.068 χ^2/NDF : 613078.1/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 212.815 ± 0.063 χ^2/NDF : 883149.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

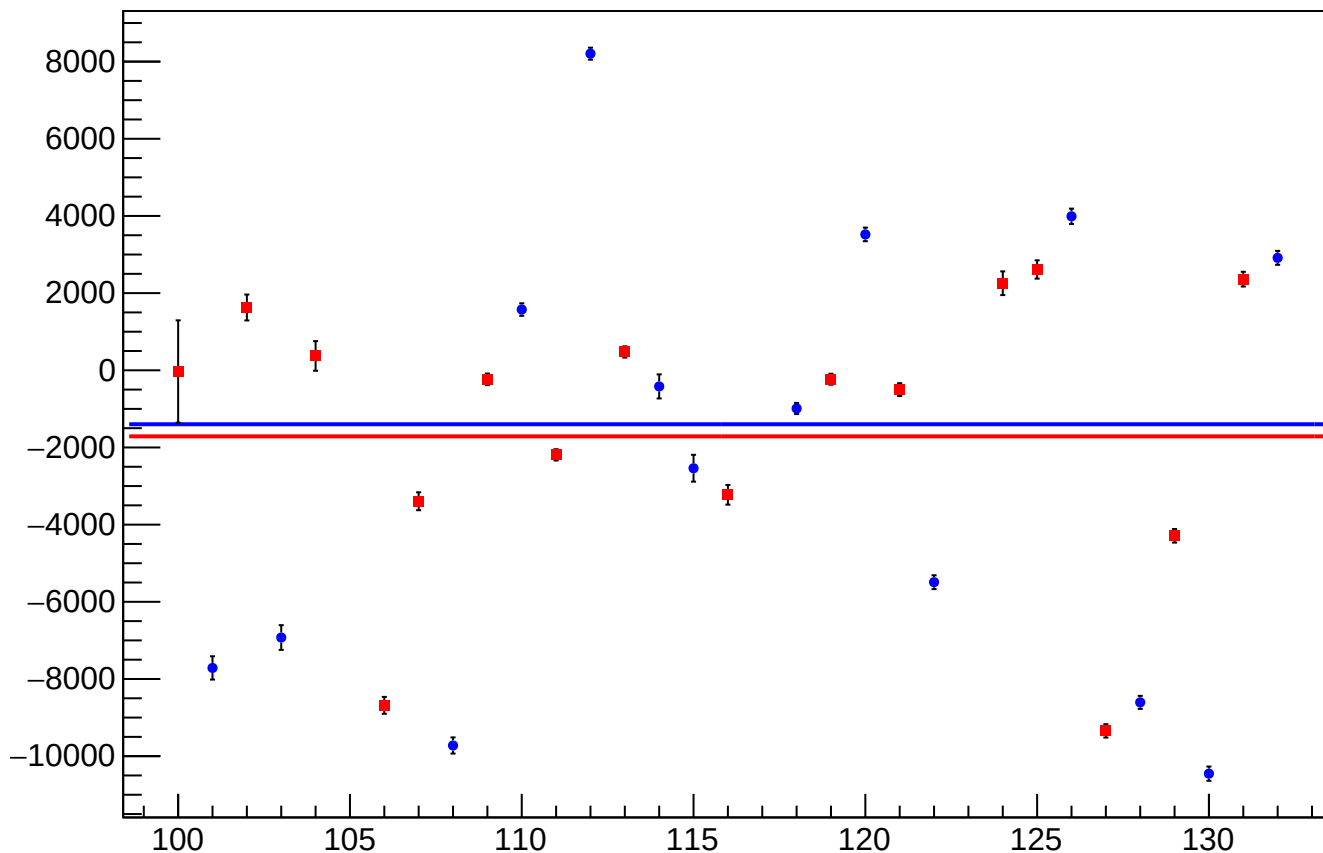
Right: 218.782 ± 0.046 χ^2/NDF : 1515715.9/29

In: 225.772 ± 0.068 χ^2/NDF : 613078.1/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 218.782 ± 0.046 χ^2/NDF : 1515715.9/29

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -1398.285 ± 51.785 χ^2/NDF : 13310.7/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1711.874 ± 49.059 χ^2/NDF : 4829.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

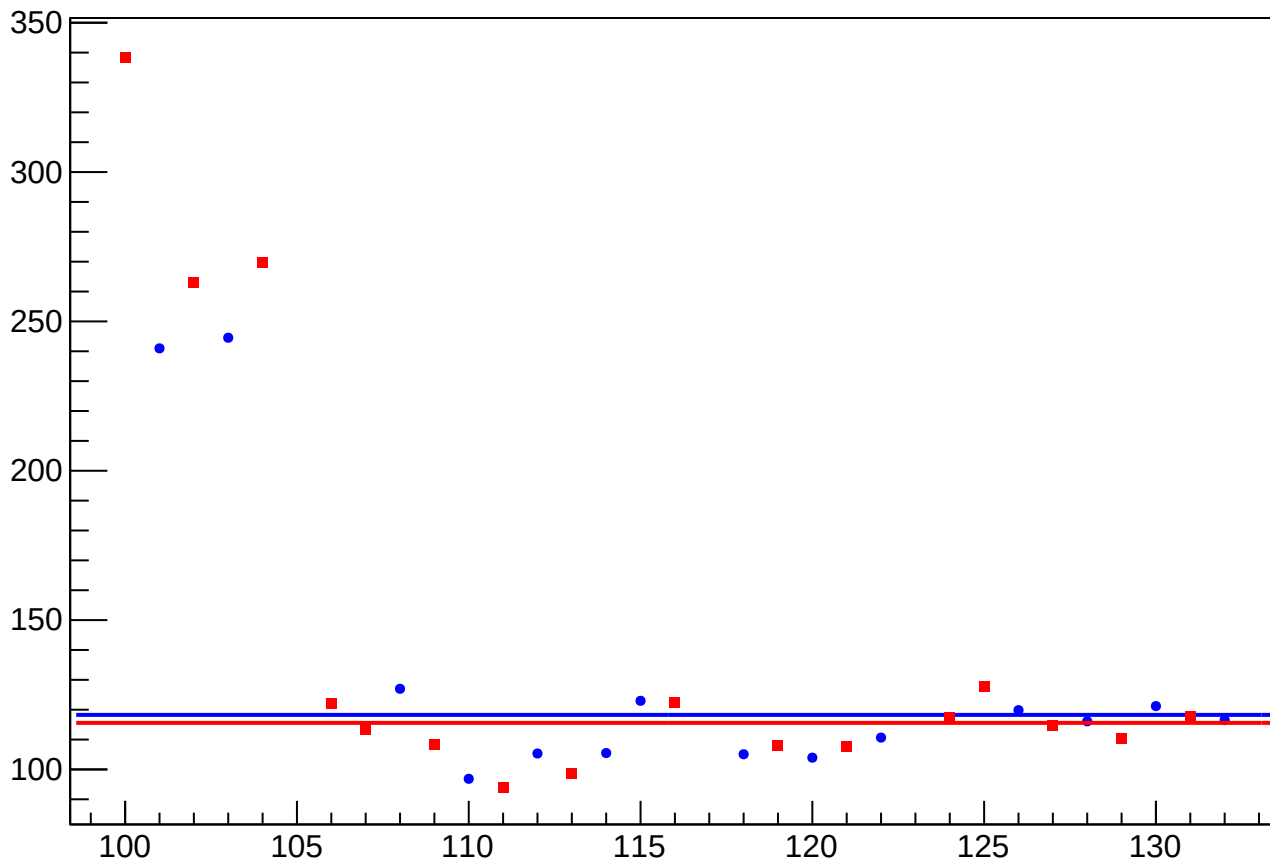
Right: -1563.551 ± 35.615 χ^2/NDF : 18159.0/29

In: -1398.285 ± 51.785 χ^2/NDF : 13310.7/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1563.551 ± 35.615 χ^2/NDF : 18159.0/29

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 118.268+/-0.037 χ^2/NDF : 731617.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.593+/-0.035 χ^2/NDF : 862455.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

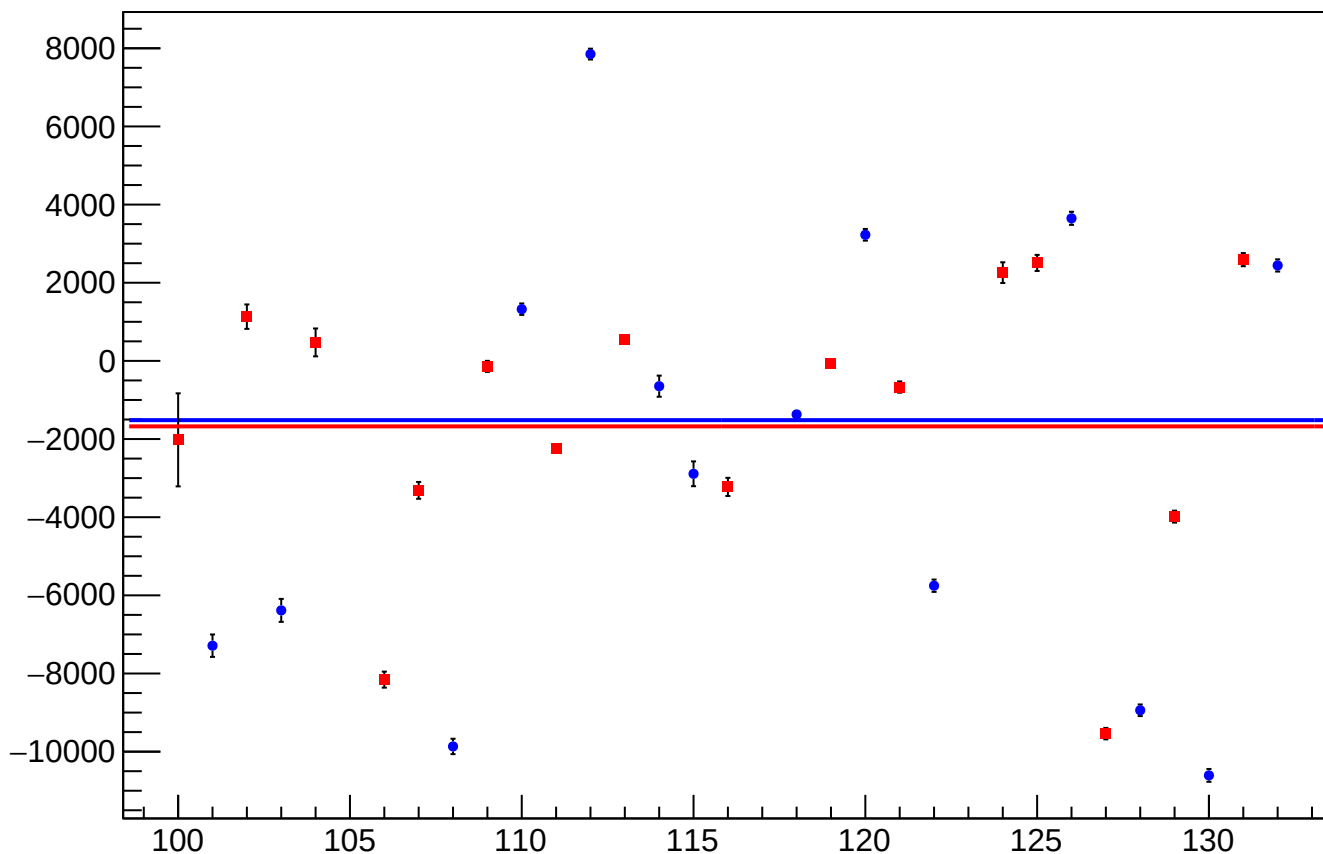
Right: 116.858+/-0.025 χ^2/NDF : 1596886.9/29

In: 118.268+/-0.037 χ^2/NDF : 731617.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.858+/-0.025 χ^2/NDF : 1596886.9/29

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -1516.495+/-45.709 χ^2/NDF : 16319.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1675.756+/-43.515 χ^2/NDF : 6240.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

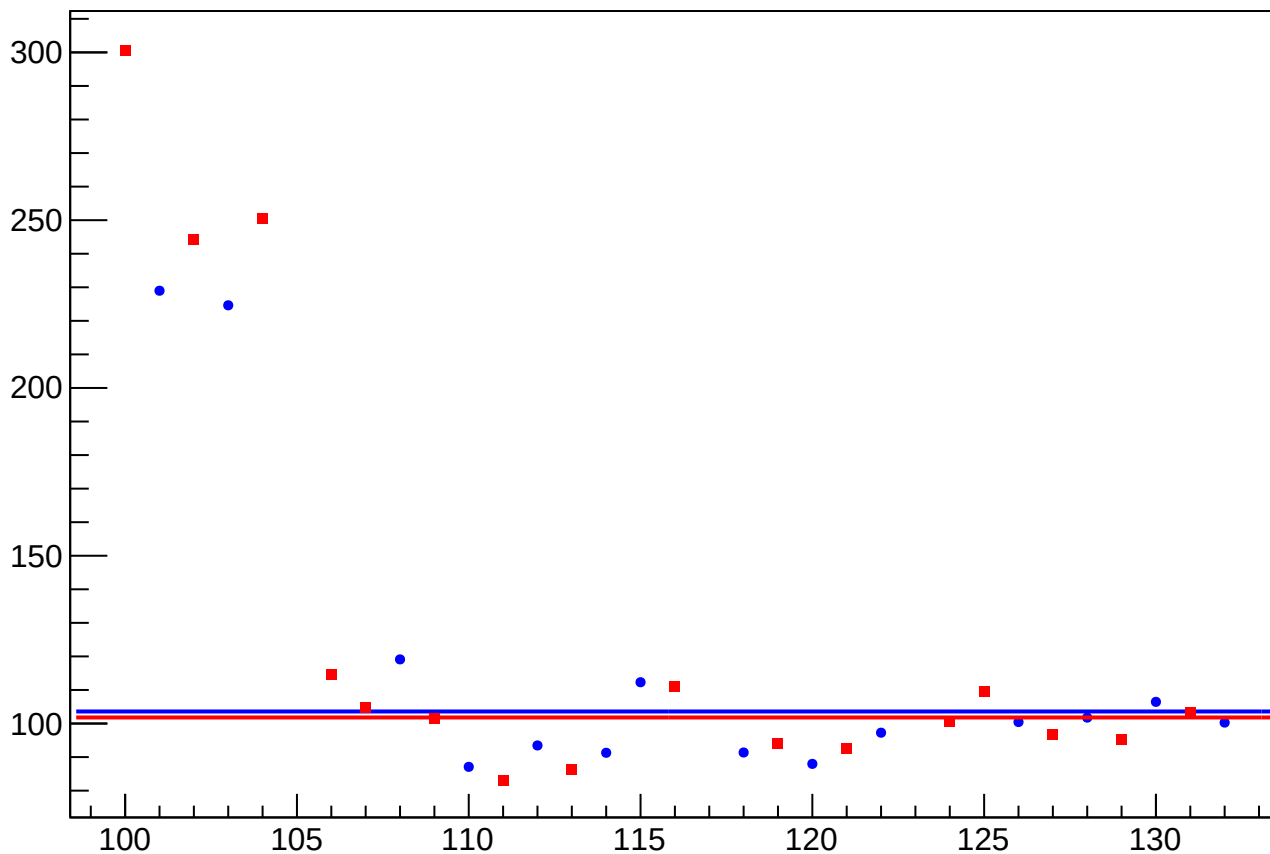
Right: -1600.041+/-31.517 χ^2/NDF : 22565.8/29

In: -1516.495+/-45.709 χ^2/NDF : 16319.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1600.041+/-31.517 χ^2/NDF : 22565.8/29

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 103.592+/-0.032 χ^2/NDF : 821854.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.806+/-0.031 χ^2/NDF : 926543.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

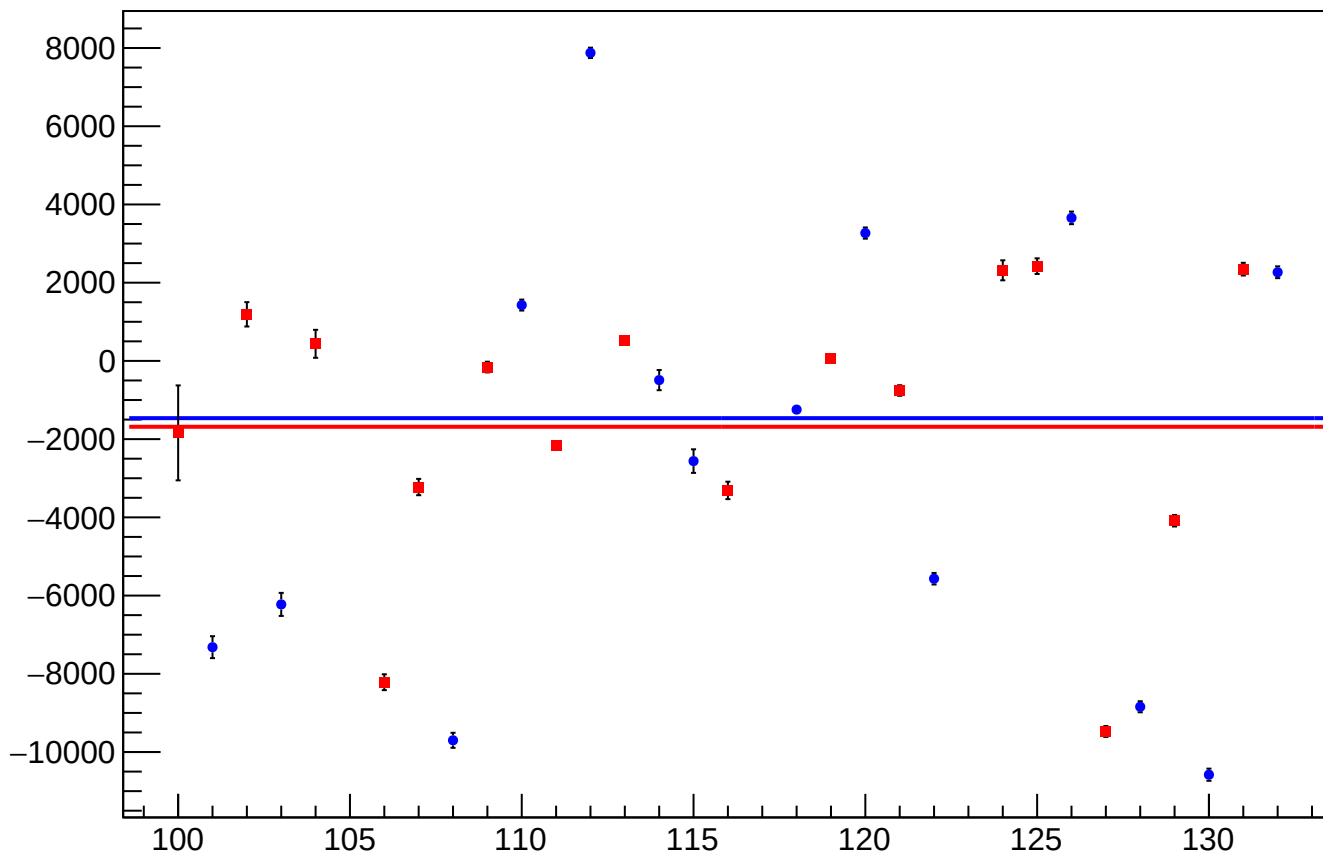
Right: 102.655+/-0.022 χ^2/NDF : 1749999.6/29

In: 103.592+/-0.032 χ^2/NDF : 821854.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.655+/-0.022 χ^2/NDF : 1749999.6/29

asym_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: -1463.545+/-43.710 χ^2/NDF : 17630.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1683.778+/-41.570 χ^2/NDF : 6652.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

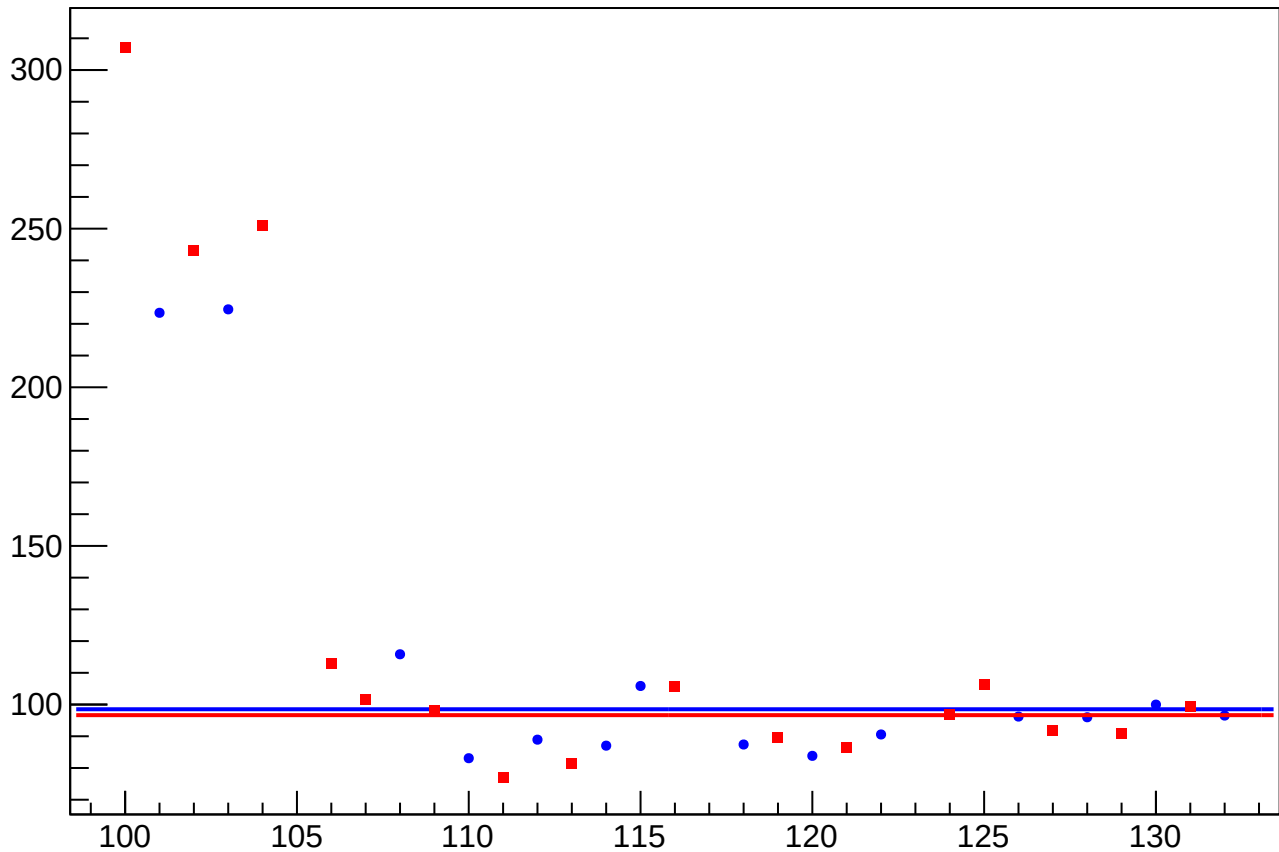
Right: -1579.185+/-30.123 χ^2/NDF : 24296.1/29

In: -1463.545+/-43.710 χ^2/NDF :17630.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1579.185+/-30.123 χ^2/NDF : 24296.1/29

asym_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 98.514+/-0.031 χ^2/NDF : 866055.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.655+/-0.029 χ^2/NDF : 1008187.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

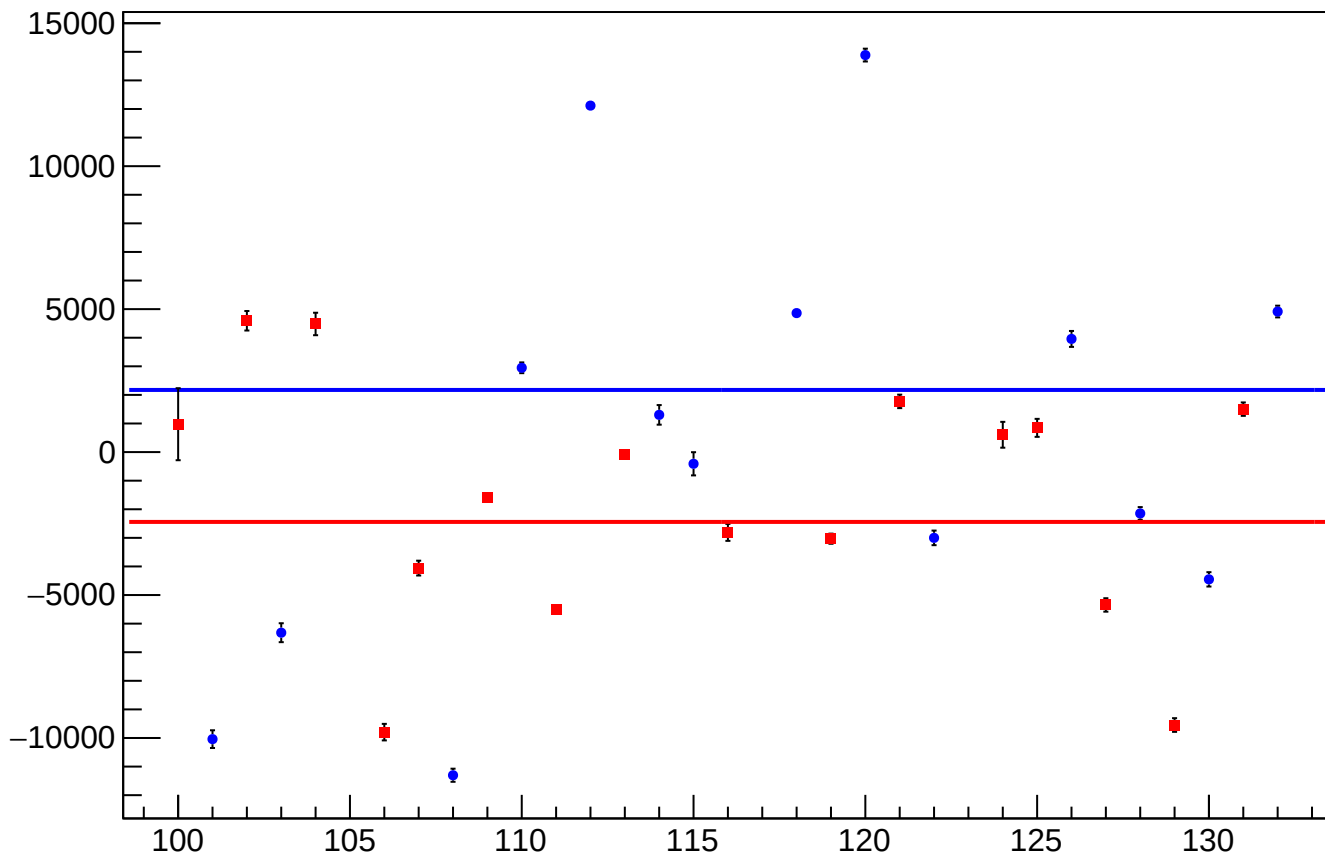
Right: 97.538+/-0.021 χ^2/NDF : 1876142.0/29

In: 98.514+/-0.031 χ^2/NDF : 866055.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.538+/-0.021 χ^2/NDF : 1876142.0/29

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 2173.352+/-62.514 χ^2/NDF : 13624.6/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2442.528+/-60.031 χ^2/NDF : 3783.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

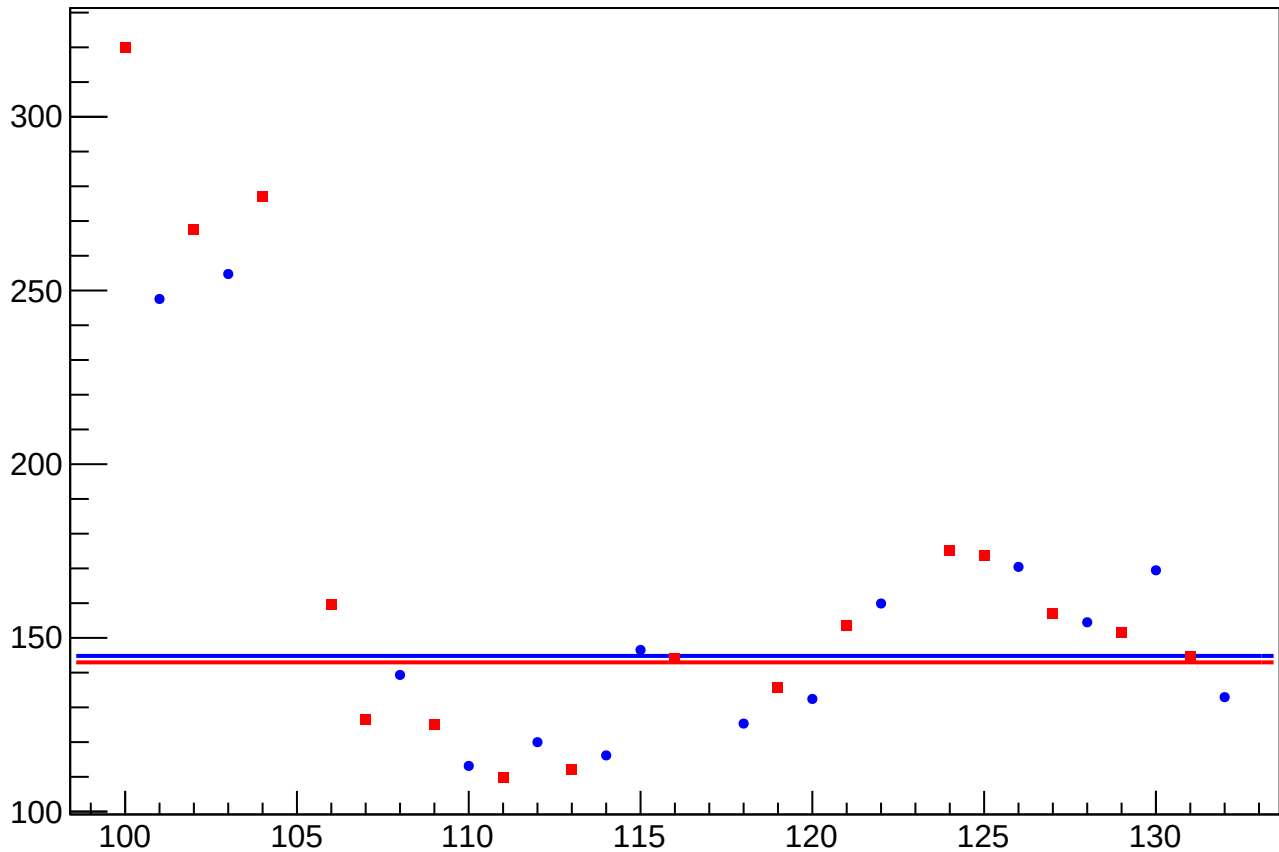
Right: -228.083+/-43.300 χ^2/NDF : 20244.9/29

In: 2173.352+/-62.514 χ^2/NDF :13624.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -228.083+/-43.300 χ^2/NDF : 20244.9/29

asym_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 144.811+/-0.044 χ^2/NDF : 637971.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 142.953+/-0.042 χ^2/NDF : 766285.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

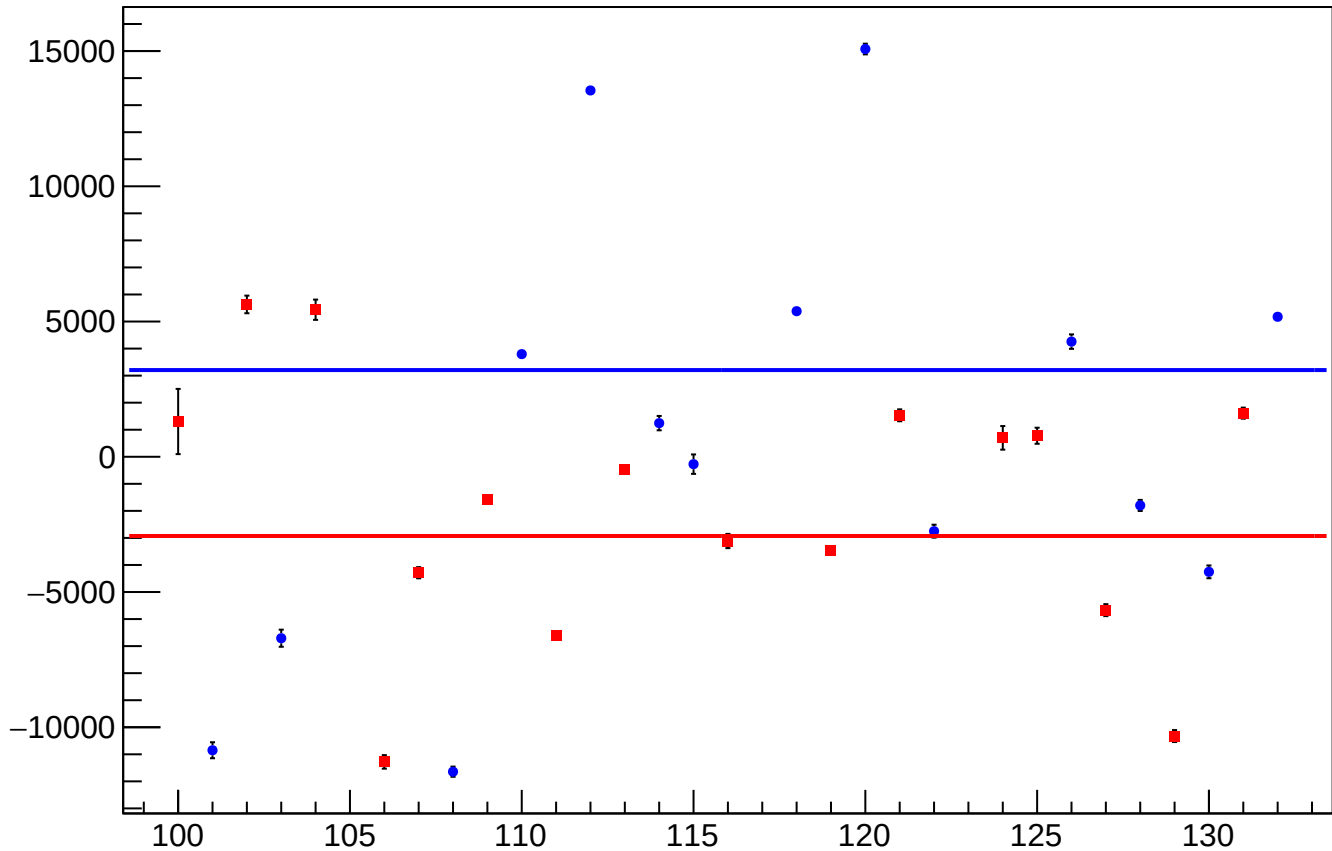
Right: 143.844+/-0.031 χ^2/NDF : 1405176.4/29

In: 144.811+/-0.044 χ^2/NDF :637971.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 143.844+/-0.031 χ^2/NDF : 1405176.4/29

asym_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 3205.717+/-52.985 χ^2/NDF : 21696.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2928.577+/-50.018 χ^2/NDF : 6160.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

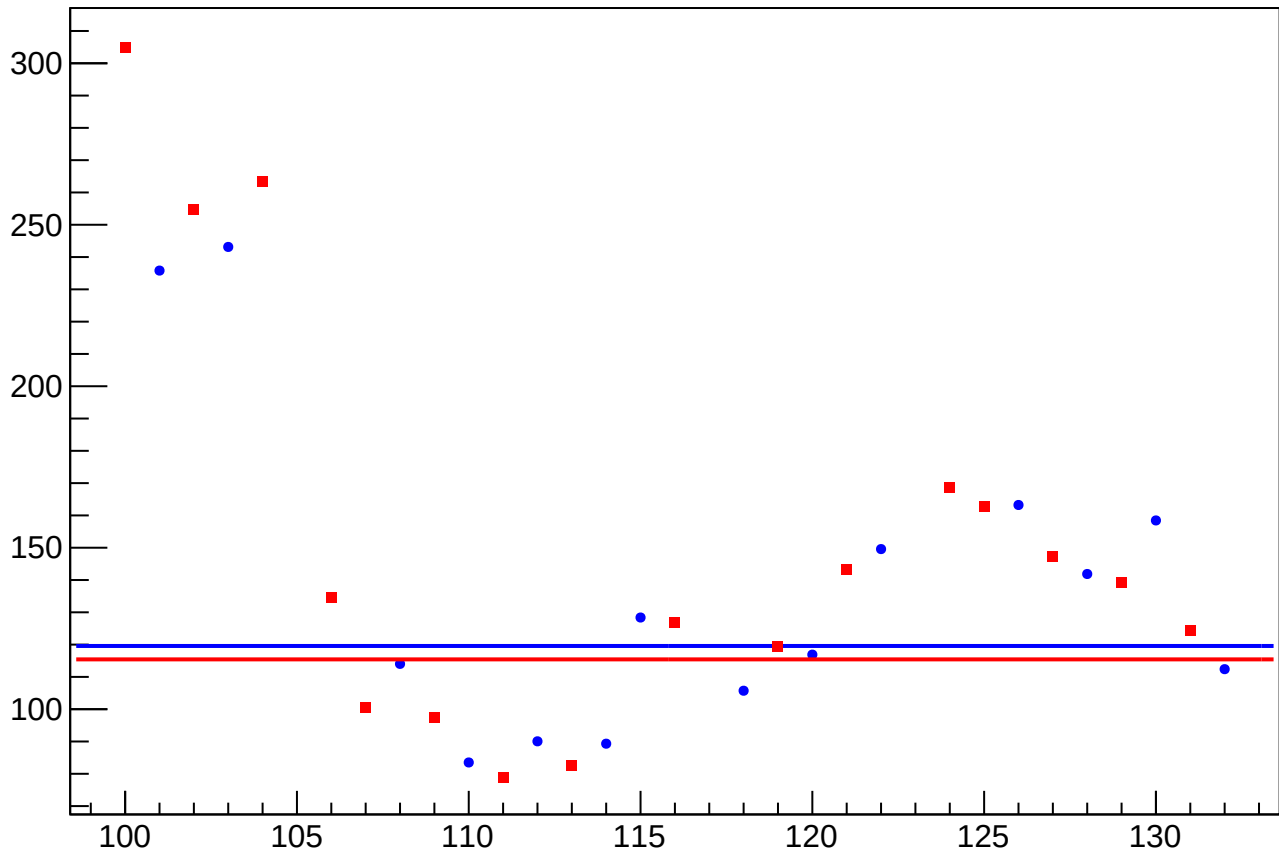
Right: -37.950+/-36.372 χ^2/NDF : 34944.5/29

In: 3205.717+/-52.985 χ^2/NDF : 21696.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.950+/-36.372 χ^2/NDF : 34944.5/29

asym_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 119.579+/-0.037 χ^2/NDF : 1056133.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.426+/-0.035 χ^2/NDF : 1289779.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

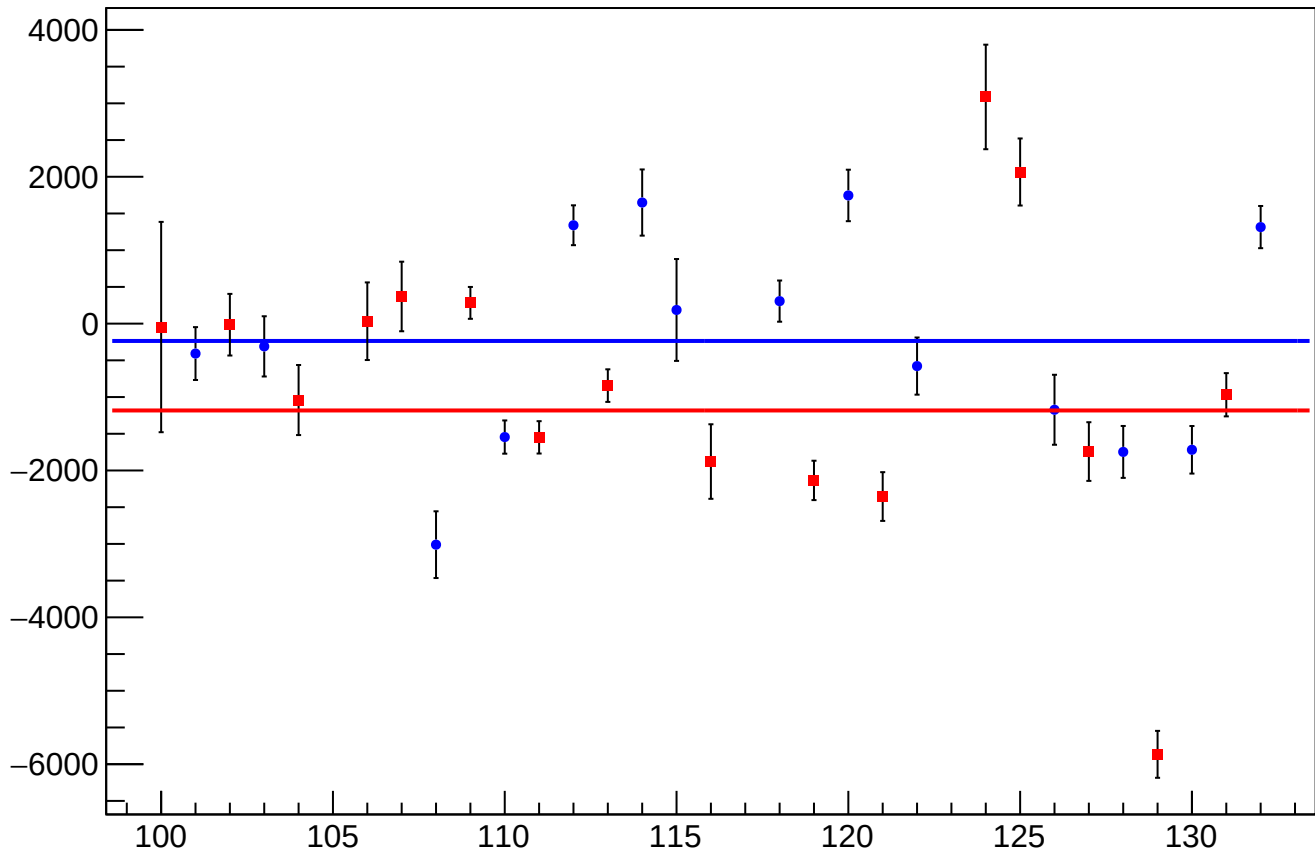
Right: 117.383+/-0.026 χ^2/NDF : 2352410.7/29

In: 119.579+/-0.037 χ^2/NDF : 1056133.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.383+/-0.026 χ^2/NDF : 2352410.7/29

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -236.028+/-91.249 χ^2/NDF : 231.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1182.608+/-83.928 χ^2/NDF : 406.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

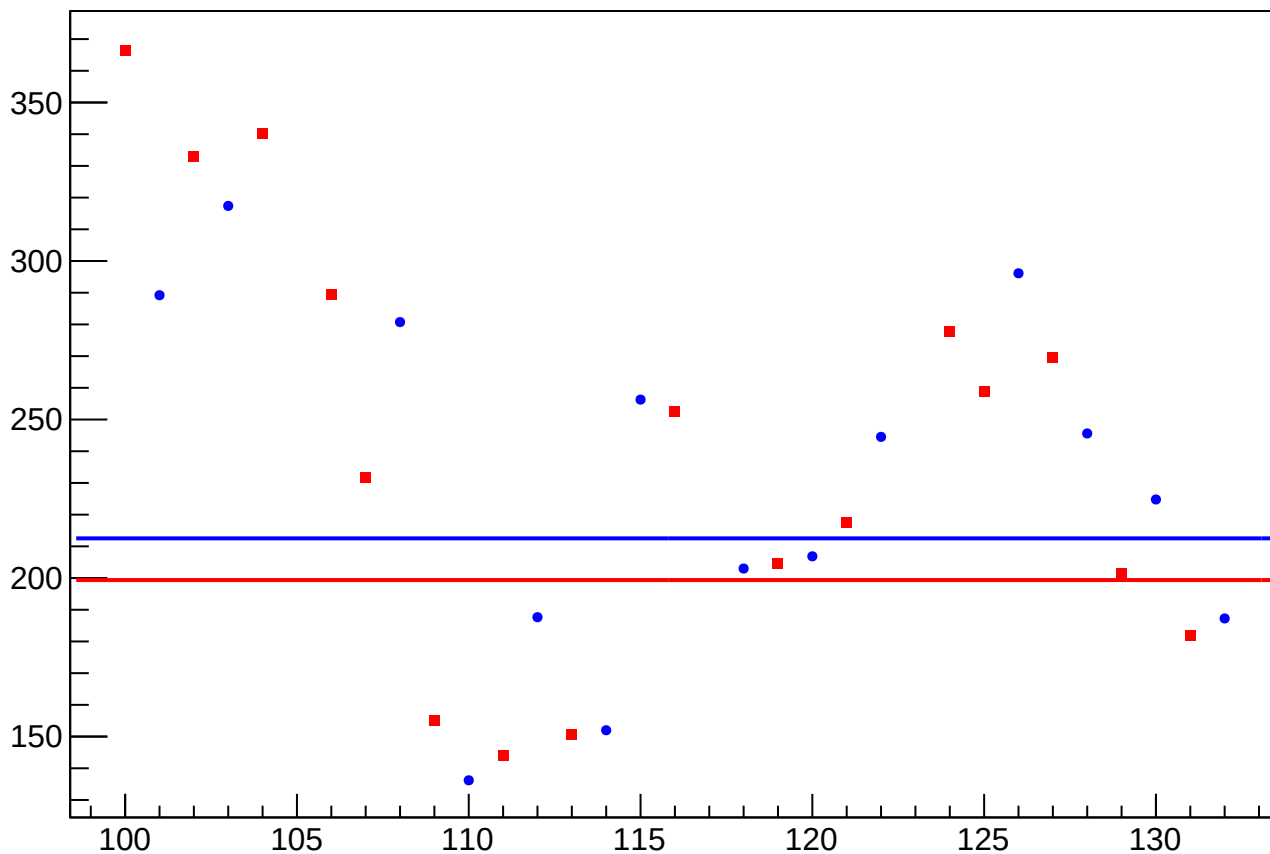
Right: -748.809+/-61.772 χ^2/NDF : 695.5/29

In: -236.028+/-91.249 χ^2/NDF : 231.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -748.809+/-61.772 χ^2/NDF : 695.5/29

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 212.517+/-0.065 χ^2/NDF : 668587.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 199.367+/-0.059 χ^2/NDF : 932474.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

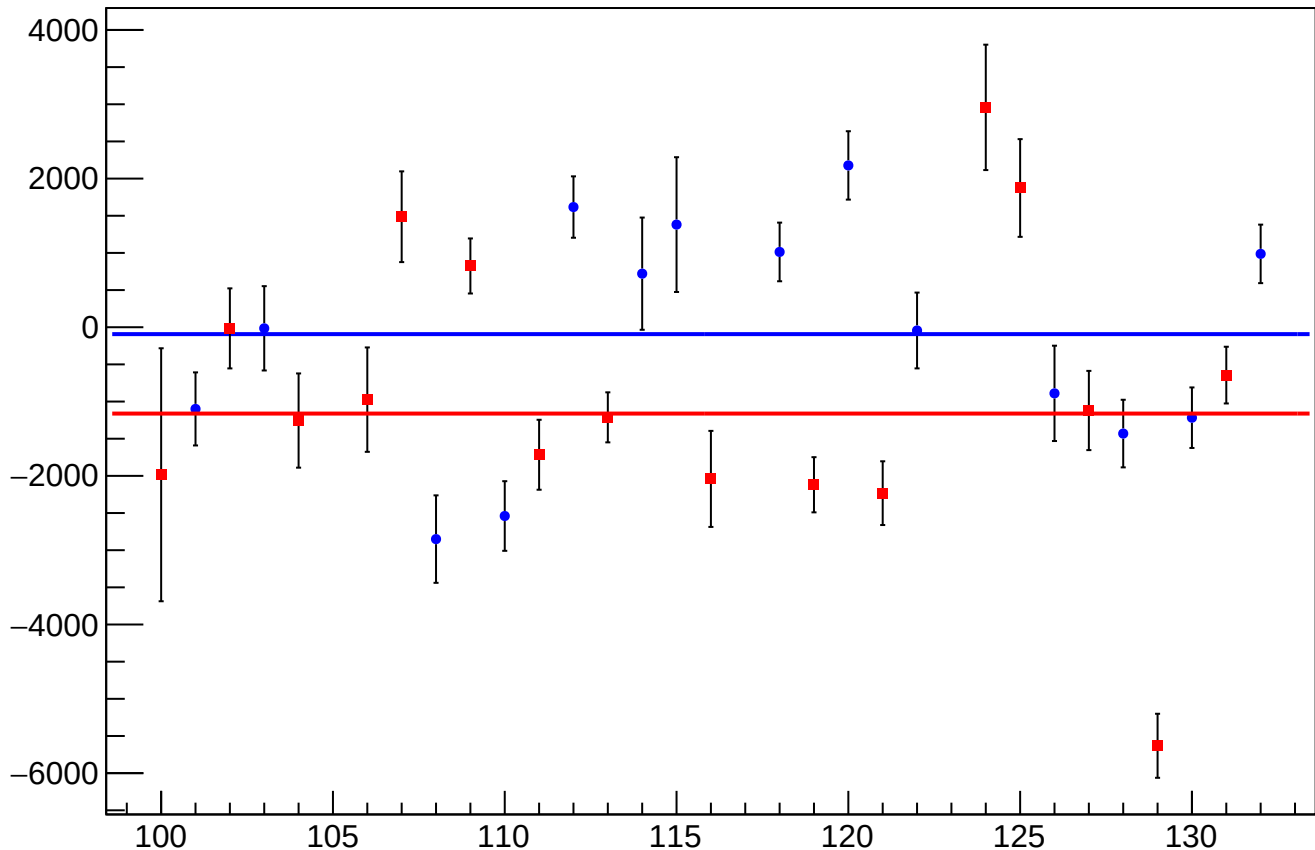
Right: 205.394+/-0.044 χ^2/NDF : 1623563.1/29

In: 212.517+/-0.065 χ^2/NDF :668587.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 205.394+/-0.044 χ^2/NDF : 1623563.1/29

asym_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: -92.758 ± 131.019 χ^2/NDF : 131.9/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1161.756 ± 122.896 χ^2/NDF : 223.3/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

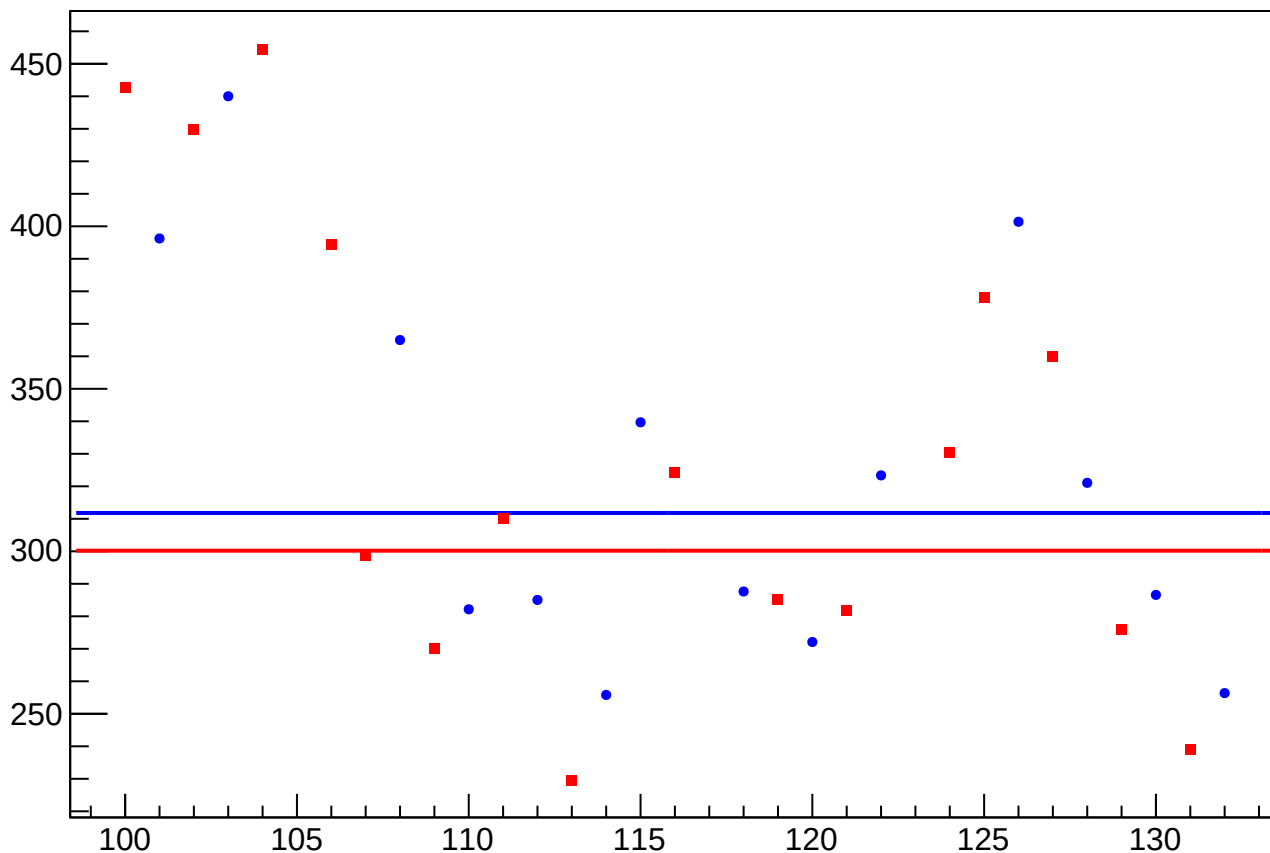
Right: -661.422 ± 89.635 χ^2/NDF : 390.6/29

In: -92.758 ± 131.019 χ^2/NDF : 131.9/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -661.422 ± 89.635 χ^2/NDF : 390.6/29

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 311.796+/-0.093 χ^2/NDF : 317406.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 300.192+/-0.087 χ^2/NDF : 509774.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

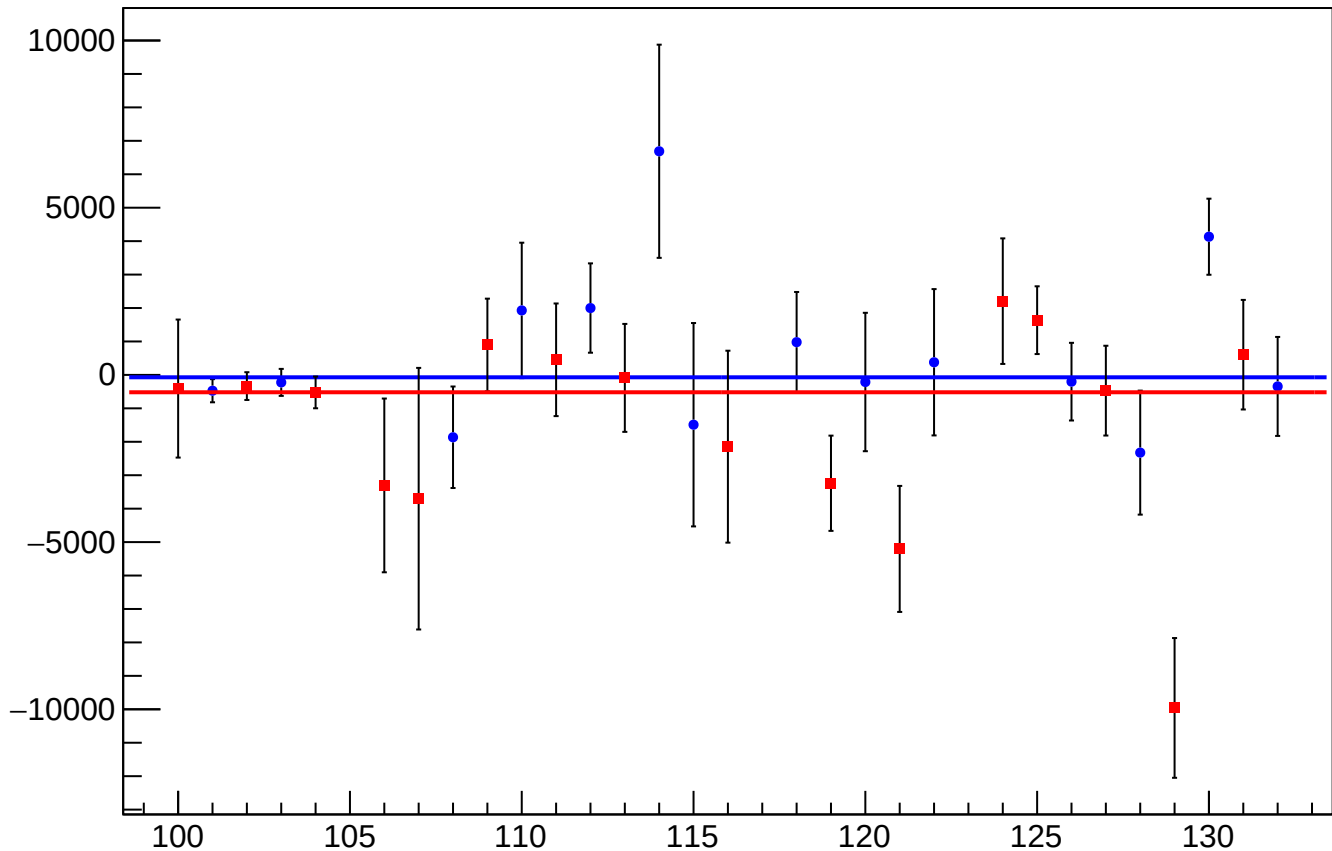
Right: 305.623+/-0.063 χ^2/NDF : 835525.6/29

In: 311.796+/-0.093 χ^2/NDF : 317406.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 305.623+/-0.063 χ^2/NDF : 835525.6/29

asym_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: -71.565 ± 228.970 χ^2/NDF : 26.7/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -519.208 ± 255.933 χ^2/NDF : 41.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

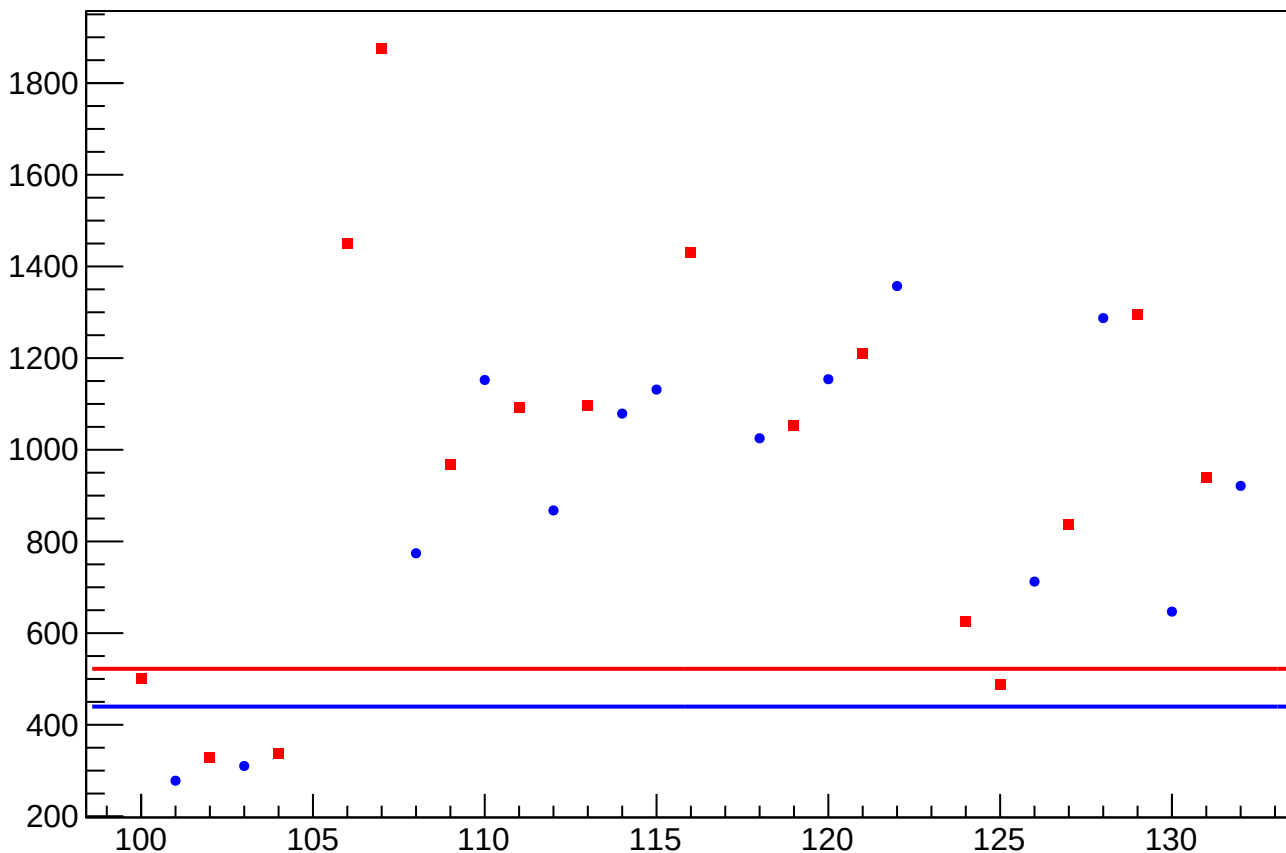
Right: -270.572 ± 170.646 χ^2/NDF : 69.5/29

In: -71.565 ± 228.970 χ^2/NDF : 26.7/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -270.572 ± 170.646 χ^2/NDF : 69.5/29

asym_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 439.714+/-0.162 χ^2/NDF : 3076836.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 522.147+/-0.181 χ^2/NDF : 3182844.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

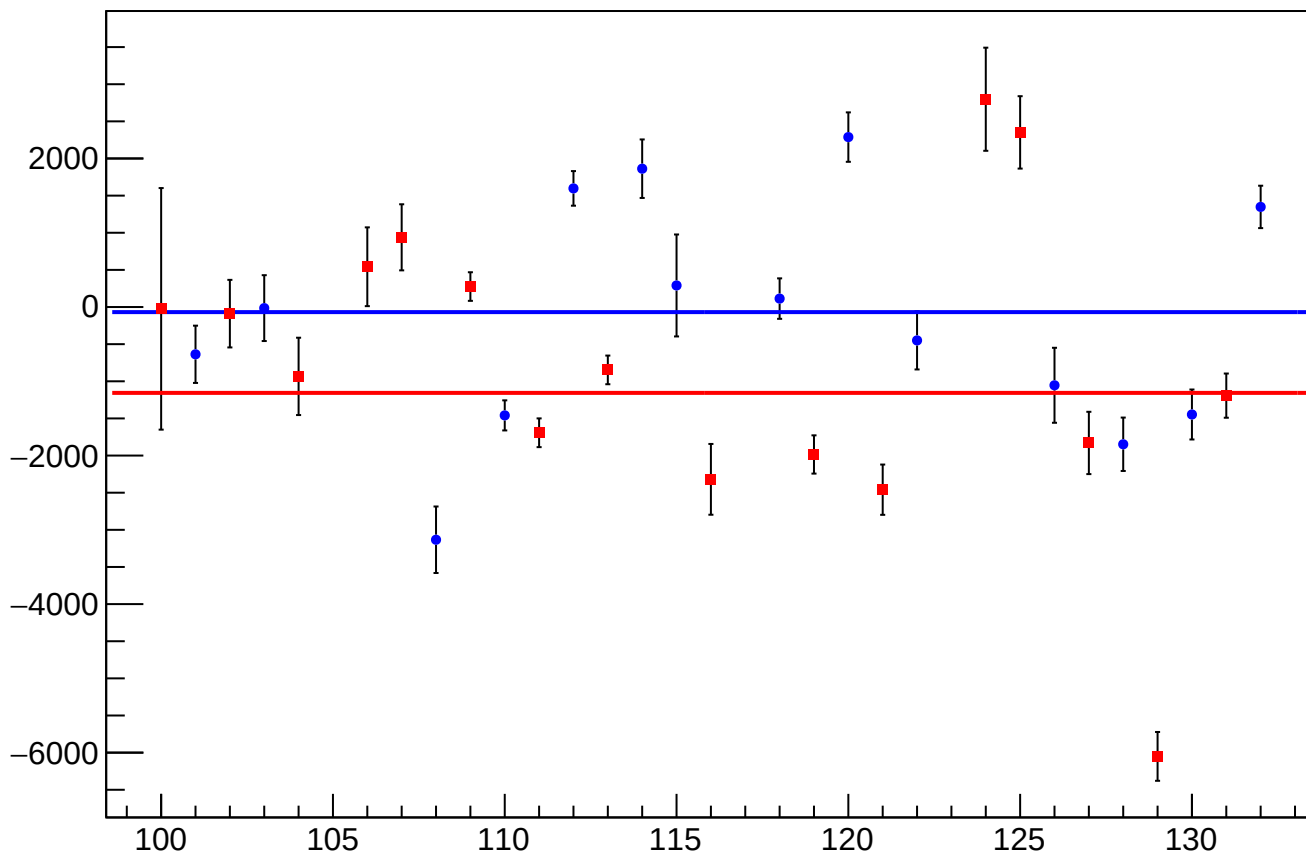
Right: 476.361+/-0.121 χ^2/NDF : 6374922.4/29

In: 439.714+/-0.162 χ^2/NDF :3076836.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 476.361+/-0.121 χ^2/NDF : 6374922.4/29

asym_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: -68.496+/-87.715 χ^2/NDF : 292.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1156.067+/-79.365 χ^2/NDF : 443.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

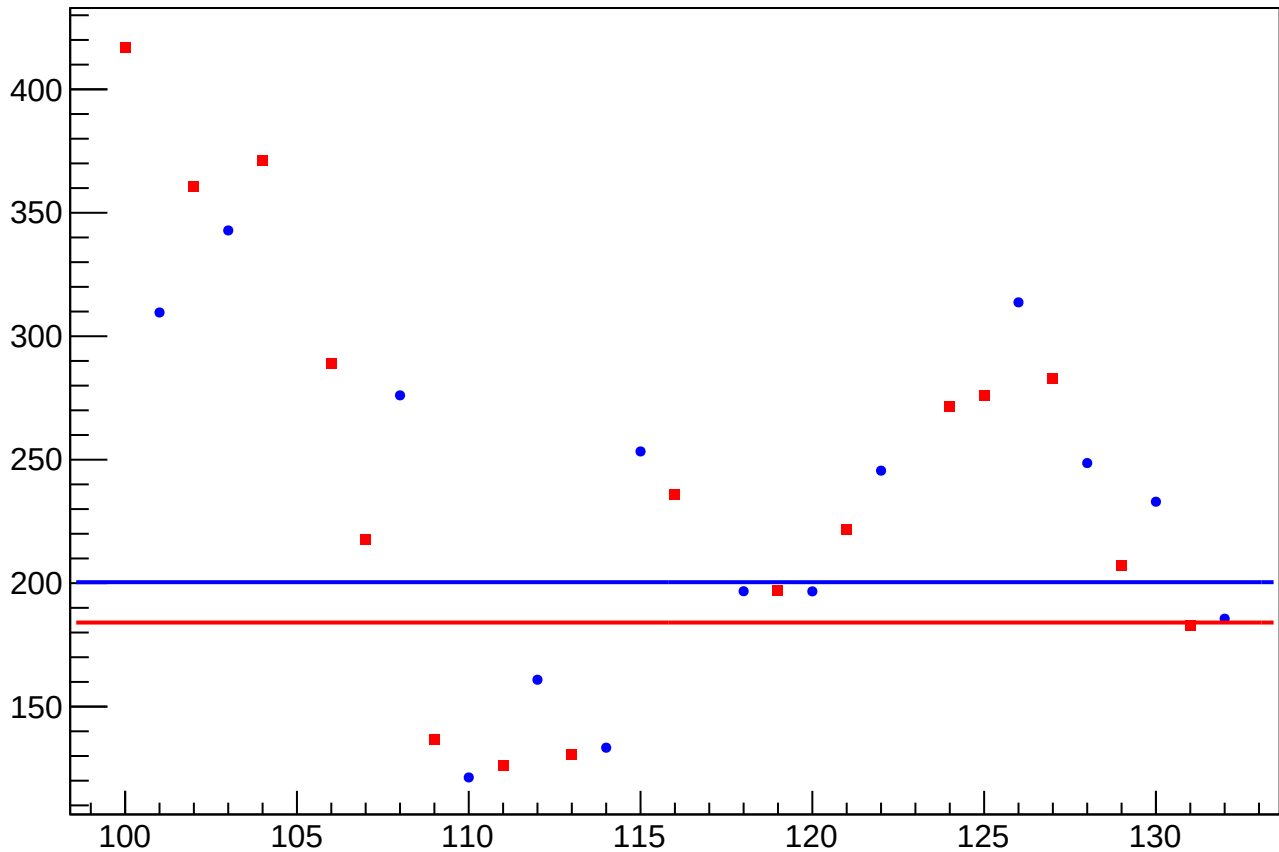
Right: -666.498+/-58.851 χ^2/NDF : 821.3/29

In: -68.496+/-87.715 χ^2/NDF : 292.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -666.498+/-58.851 χ^2/NDF : 821.3/29

asym_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 200.392 $\pm$ 0.062 χ^2 /NDF: 1044440.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 184.046 $\pm$ 0.056 χ^2 /NDF: 1423331.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

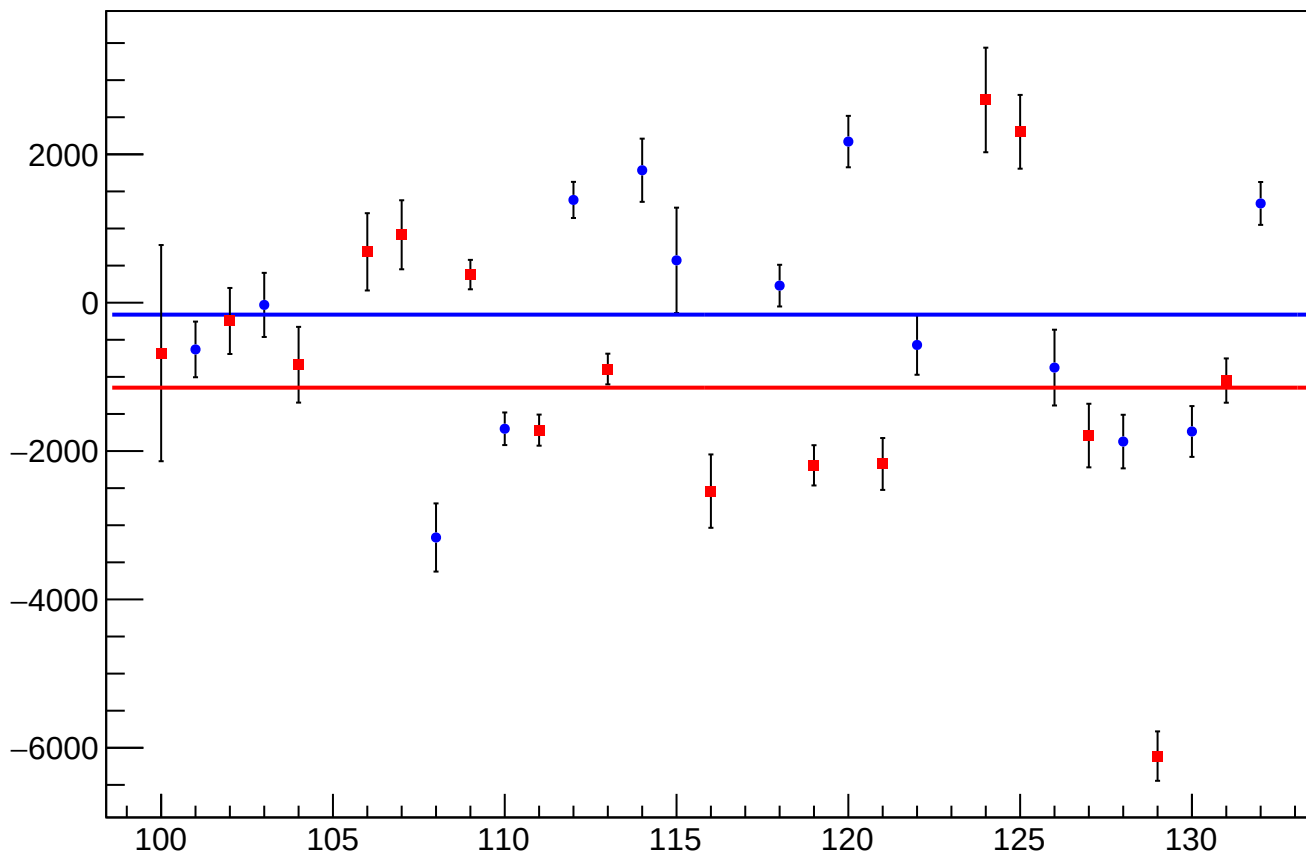
Right: 191.404 $\pm$ 0.042 χ^2 /NDF: 2505962.1/29

In: 200.392 $\pm$ 0.062 χ^2 /NDF:1044440.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 191.404 $\pm$ 0.042 χ^2 /NDF: 2505962.1/29

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: -160.983+/-90.744 χ^2/NDF : 276.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1145.314+/-82.529 χ^2/NDF : 439.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

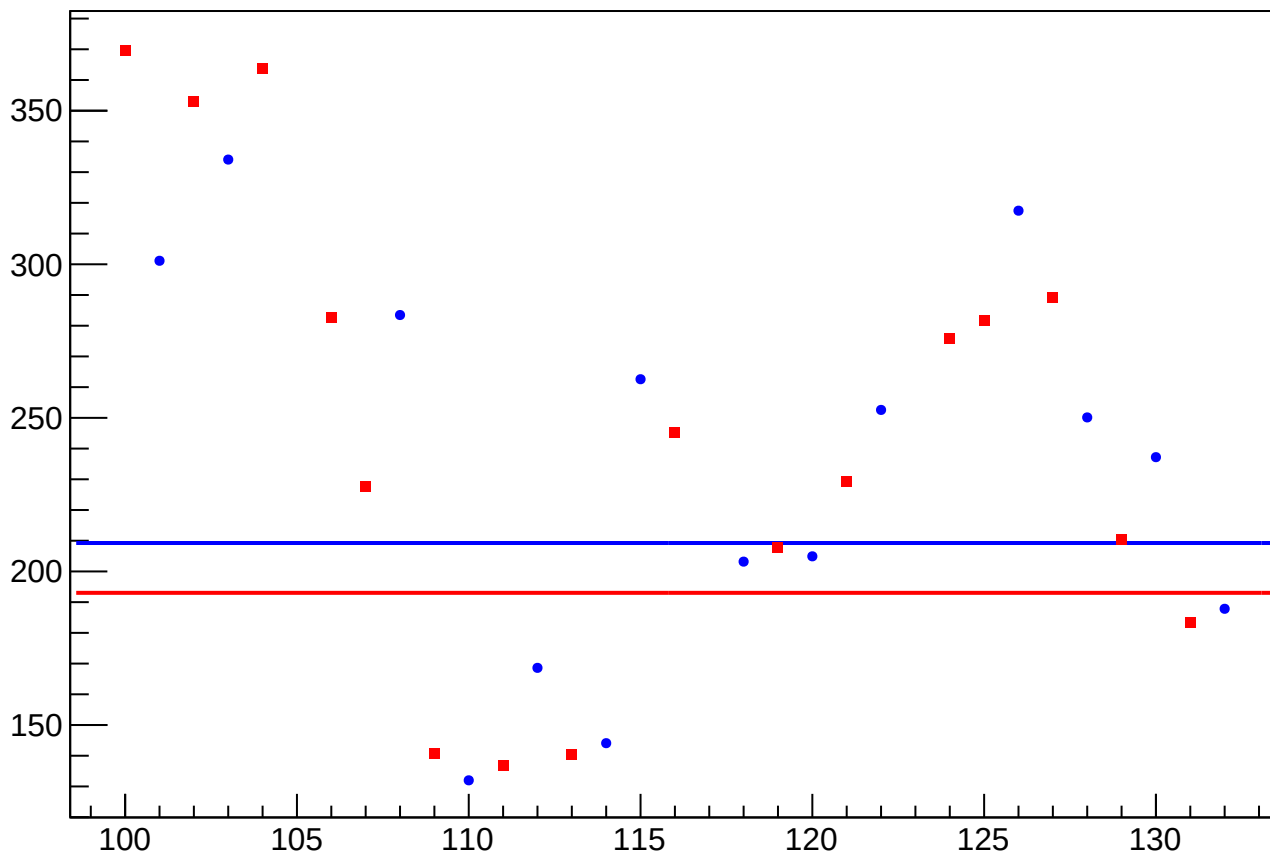
Right: -699.711+/-61.055 χ^2/NDF : 779.9/29

In: -160.983+/-90.744 χ^2/NDF : 276.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -699.711+/-61.055 χ^2/NDF : 779.9/29

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 209.259+/-0.064 χ^2/NDF : 864382.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 193.034+/-0.058 χ^2/NDF : 1242456.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

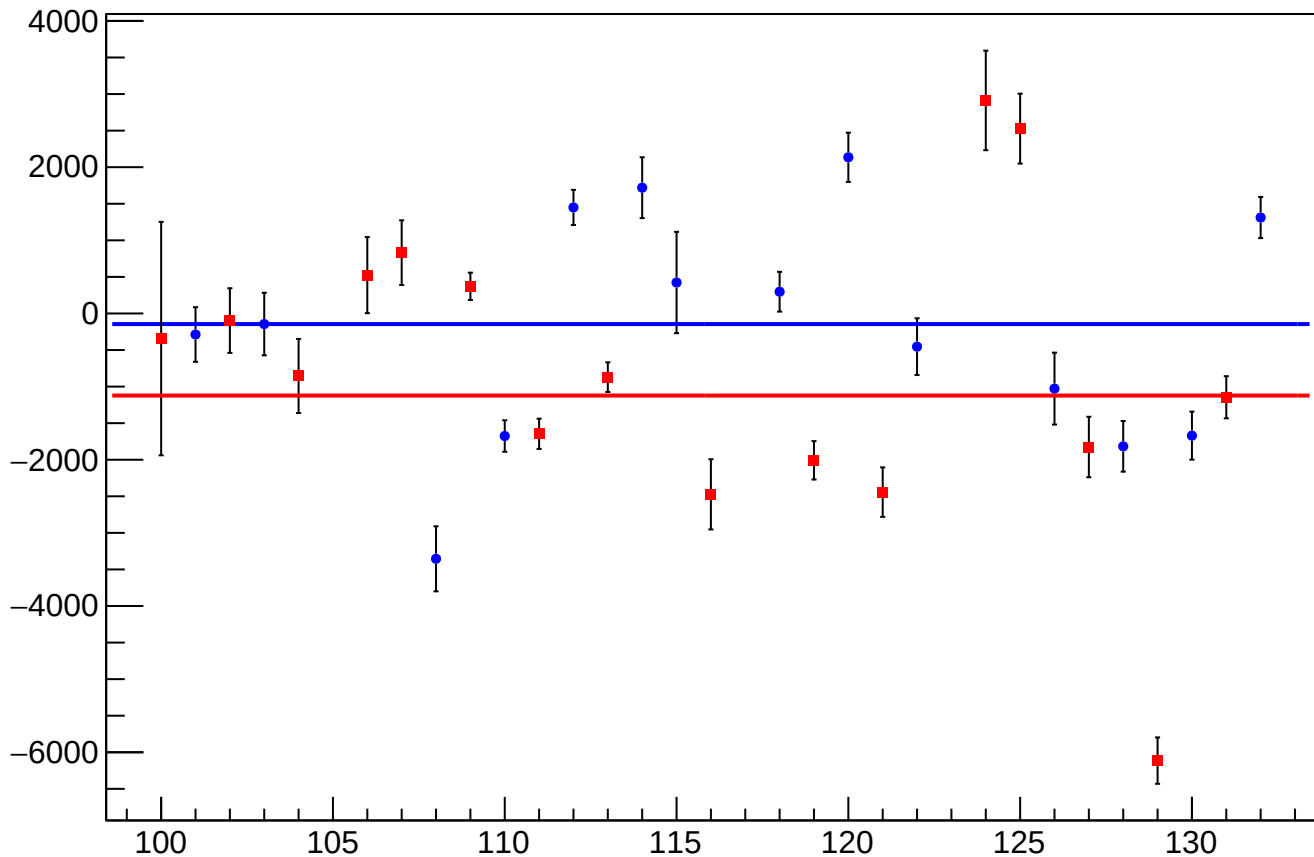
Right: 200.379+/-0.043 χ^2/NDF : 2141832.8/29

In: 209.259+/-0.064 χ^2/NDF : 864382.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 200.379+/-0.043 χ^2/NDF : 2141832.8/29

asym_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: -145.127+/-88.467 χ^2/NDF : 291.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1122.567+/-79.901 χ^2/NDF : 486.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

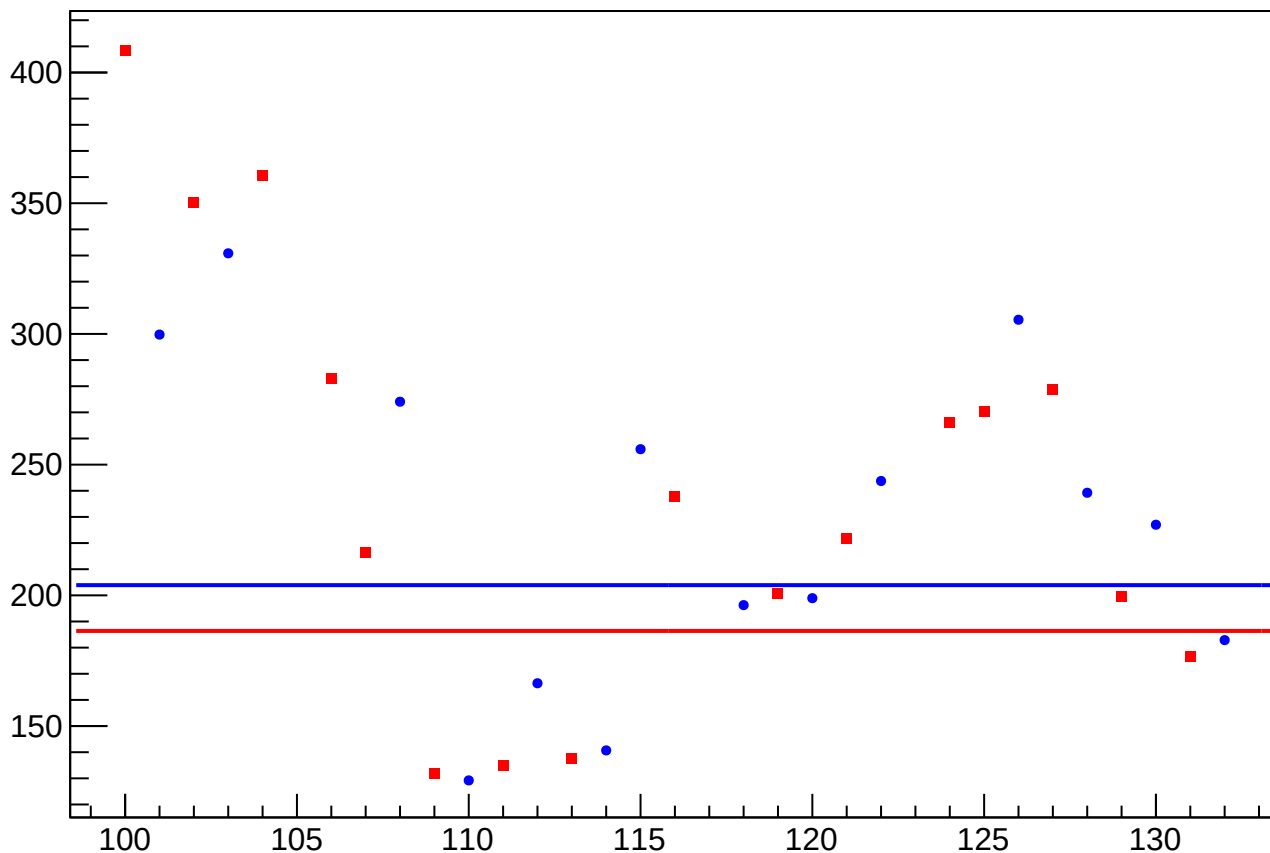
Right: -683.448+/-59.296 χ^2/NDF : 845.0/29

In: -145.127+/-88.467 χ^2/NDF : 291.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -683.448+/-59.296 χ^2/NDF : 845.0/29

asym_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 203.904+/-0.063 χ^2/NDF : 854706.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 186.386+/-0.056 χ^2/NDF : 1284641.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

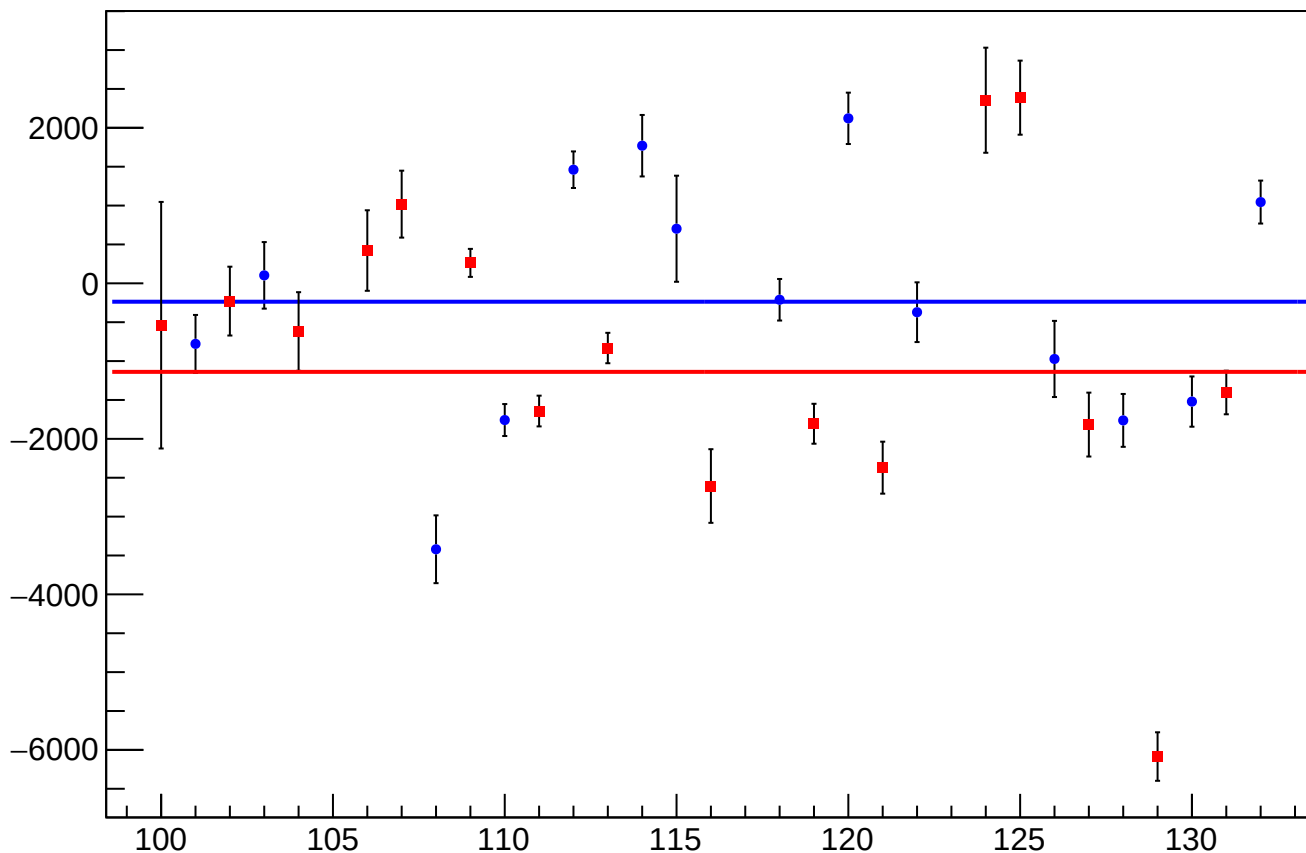
Right: 194.256+/-0.042 χ^2/NDF : 2182538.9/29

In: 203.904+/-0.063 χ^2/NDF : 854706.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 194.256+/-0.042 χ^2/NDF : 2182538.9/29

asym_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: -236.524+/-86.490 χ^2/NDF : 301.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1138.564+/-77.793 χ^2/NDF : 475.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

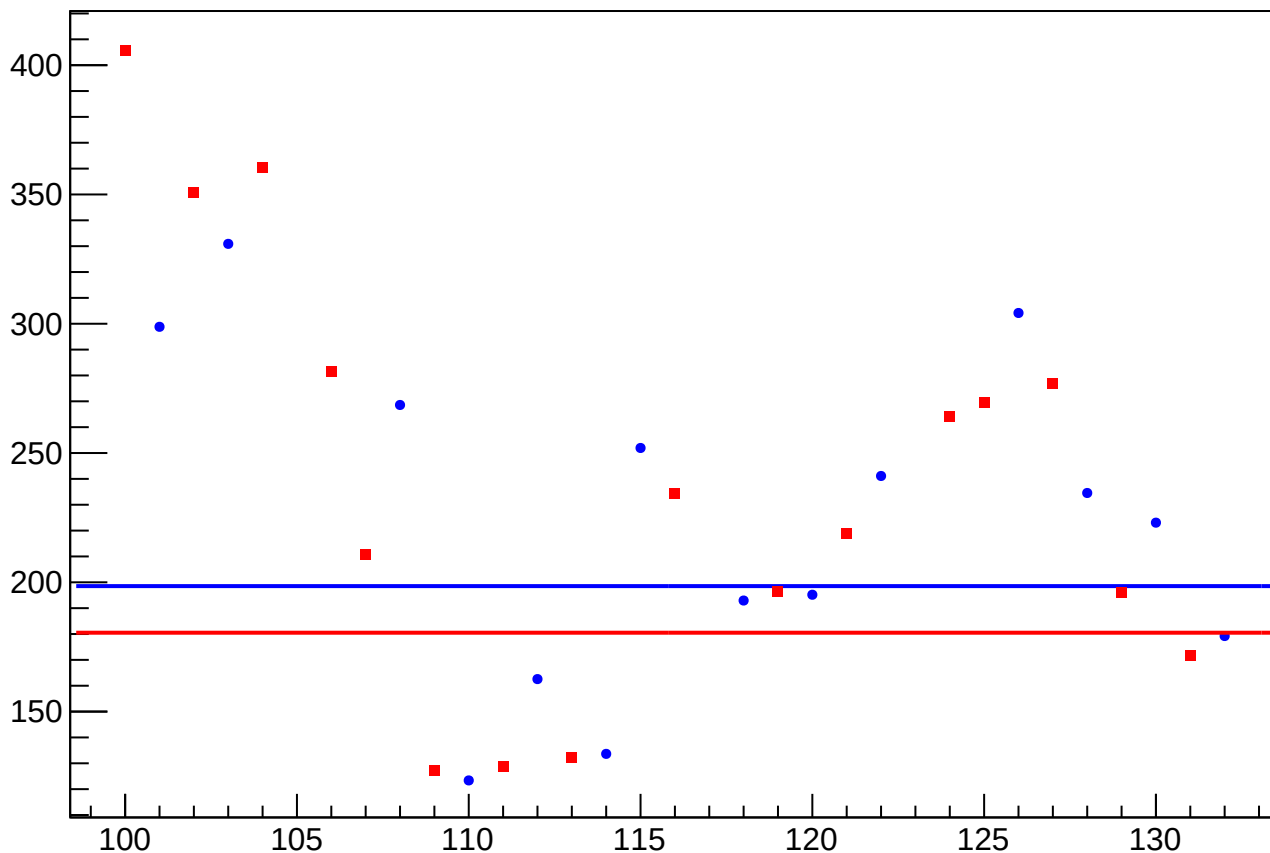
Right: -735.164+/-57.839 χ^2/NDF : 837.4/29

In: -236.524+/-86.490 χ^2/NDF :301.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -735.164+/-57.839 χ^2/NDF : 837.4/29

asym_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 198.529+/-0.061 χ^2/NDF : 930981.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 180.506+/-0.055 χ^2/NDF : 1387048.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

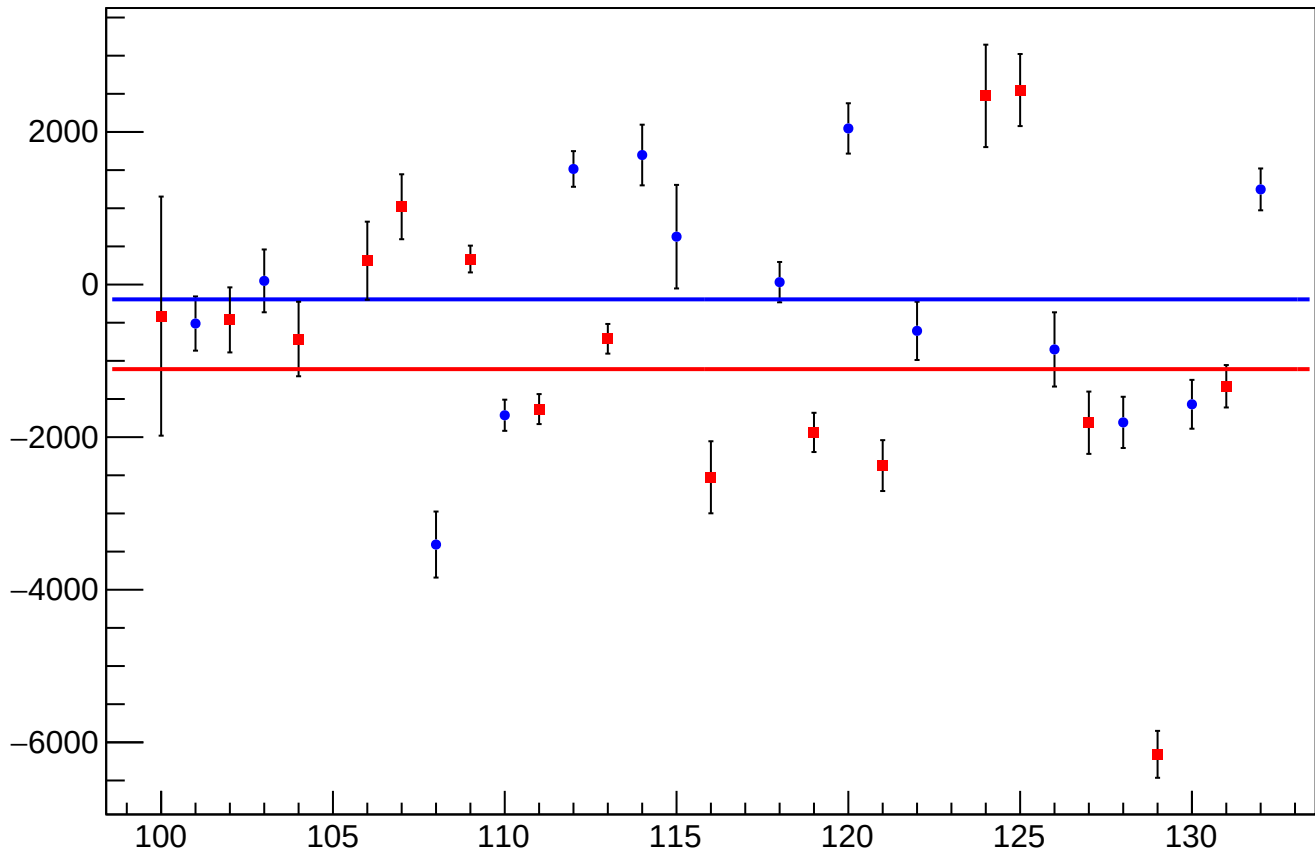
Right: 188.566+/-0.041 χ^2/NDF : 2366036.9/29

In: 198.529+/-0.061 χ^2/NDF :930981.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 188.566+/-0.041 χ^2/NDF : 2366036.9/29

asym_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: -194.033+/-85.595 χ^2/NDF : 308.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1108.486+/-76.919 χ^2/NDF : 510.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

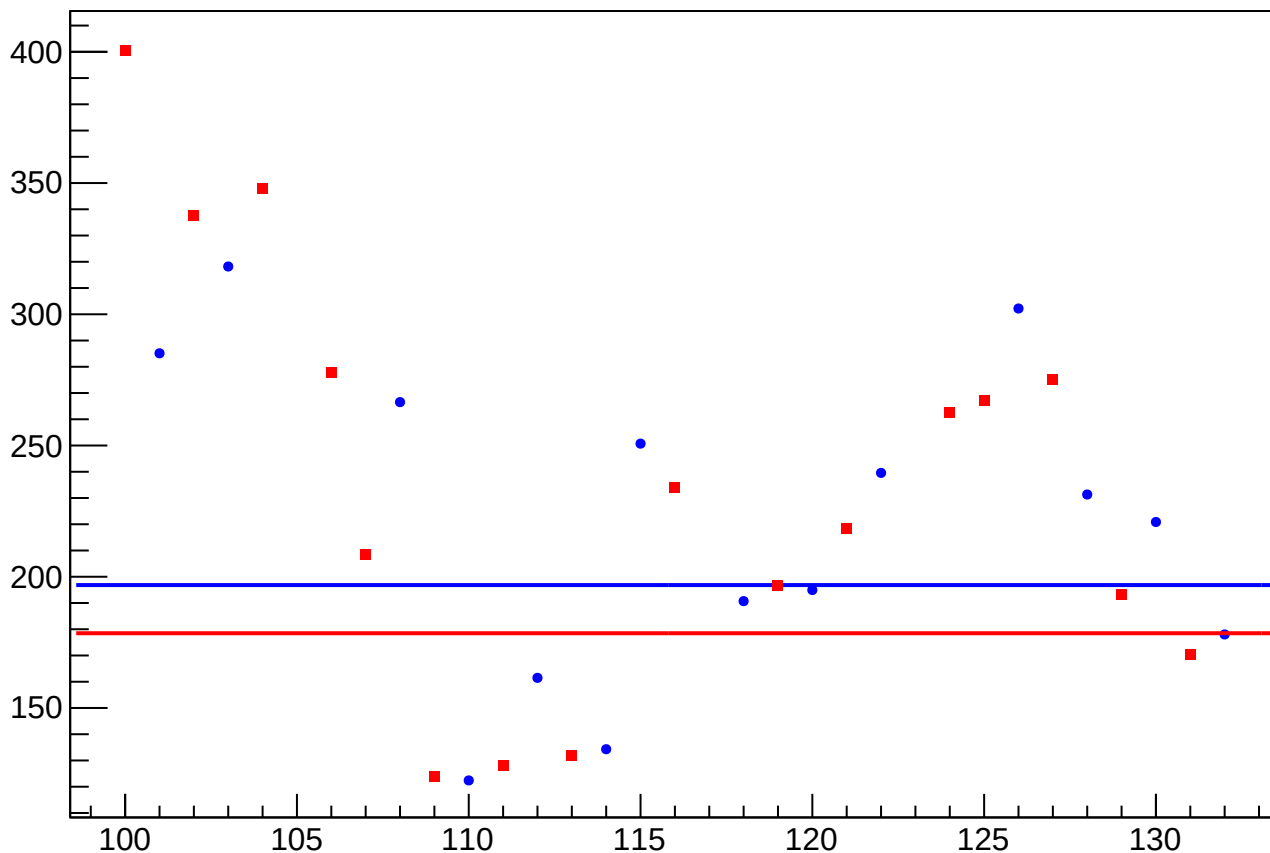
Right: -699.942+/-57.212 χ^2/NDF : 881.4/29

In: -194.033+/-85.595 χ^2/NDF : 308.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -699.942+/-57.212 χ^2/NDF : 881.4/29

asym_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 196.827+/-0.061 χ^2/NDF : 884907.3/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 178.480+/-0.054 χ^2/NDF : 1373003.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

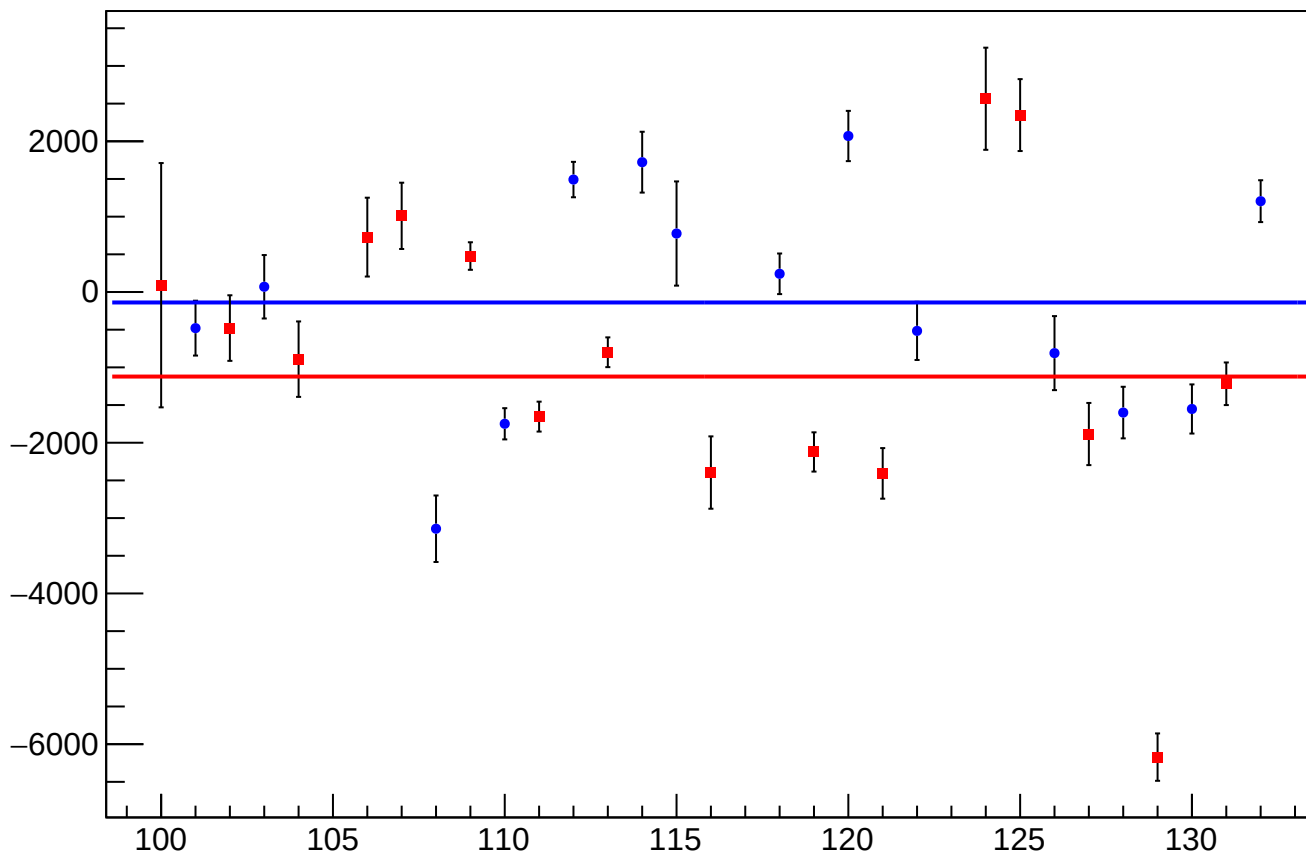
Right: 186.677+/-0.040 χ^2/NDF : 2308743.7/29

In: 196.827+/-0.061 χ^2/NDF :884907.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 186.677+/-0.040 χ^2/NDF : 2308743.7/29

asym_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: -138.864+/-86.875 χ^2/NDF : 288.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1121.934+/-78.459 χ^2/NDF : 506.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

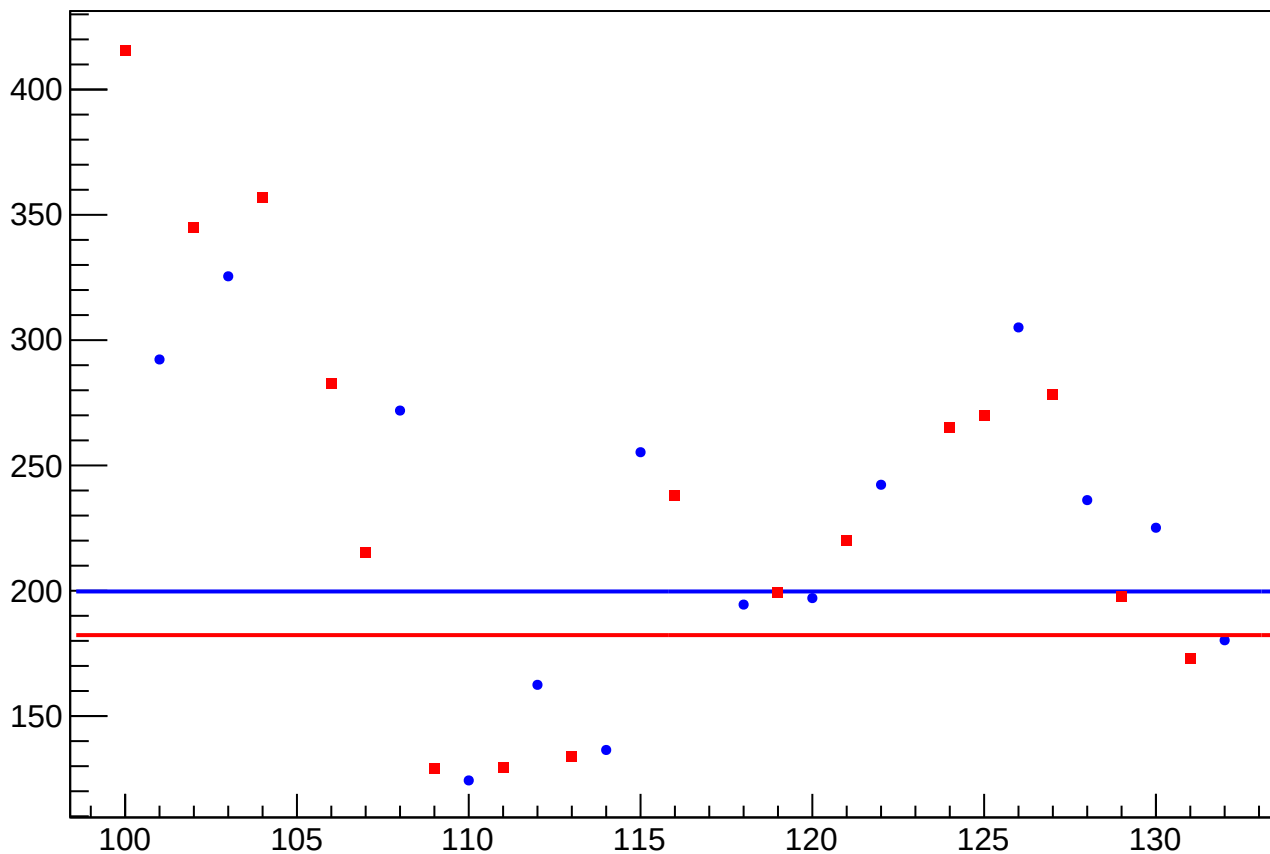
Right: -680.312+/-58.228 χ^2/NDF : 864.7/29

In: -138.864+/-86.875 χ^2/NDF :288.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -680.312+/-58.228 χ^2/NDF : 864.7/29

asym_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 199.716+/-0.061 χ^2/NDF : 900459.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 182.298+/-0.055 χ^2/NDF : 1351702.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

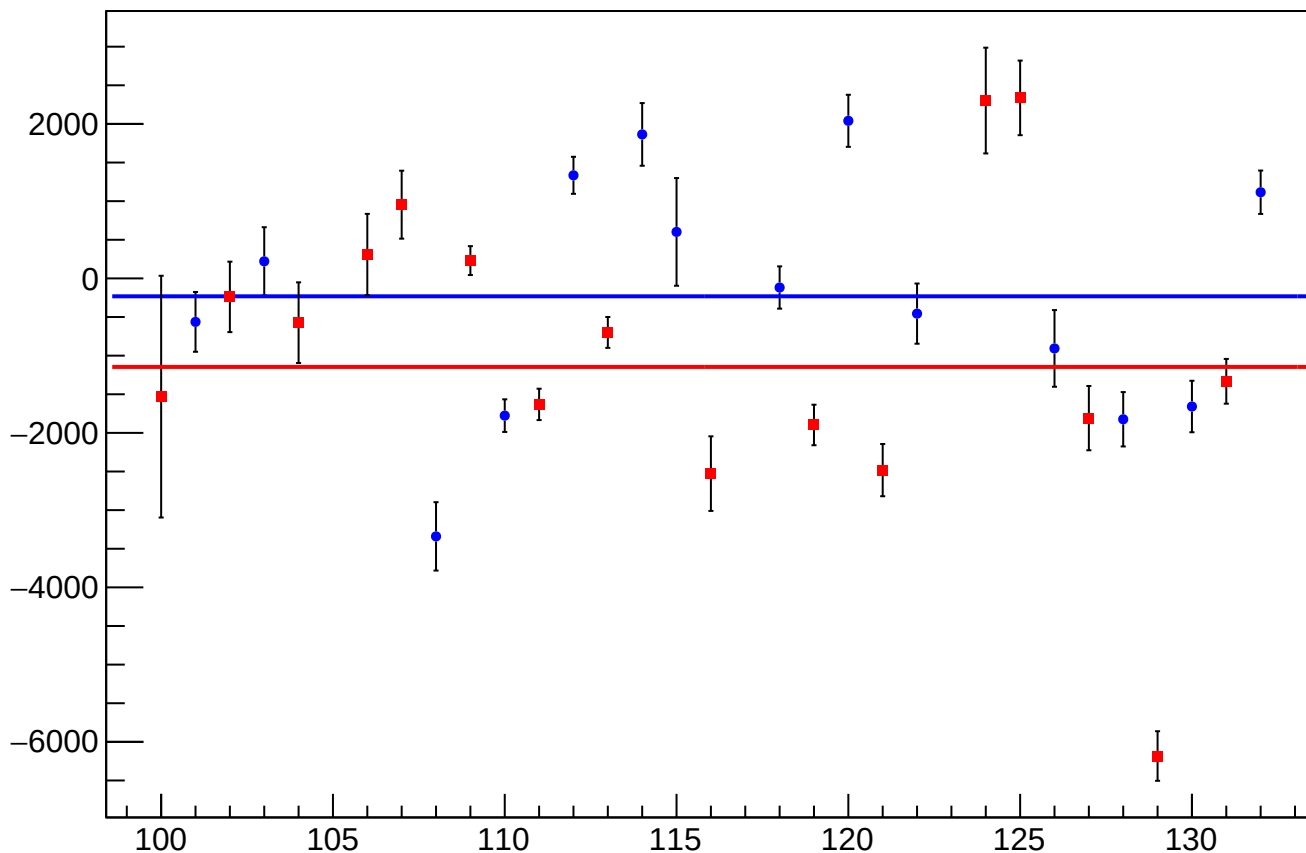
Right: 190.123+/-0.041 χ^2/NDF : 2296441.6/29

In: 199.716+/-0.061 χ^2/NDF :900459.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 190.123+/-0.041 χ^2/NDF : 2296441.6/29

asym_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: -231.850+/-88.598 χ^2/NDF : 284.9/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1145.960+/-79.810 χ^2/NDF : 459.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

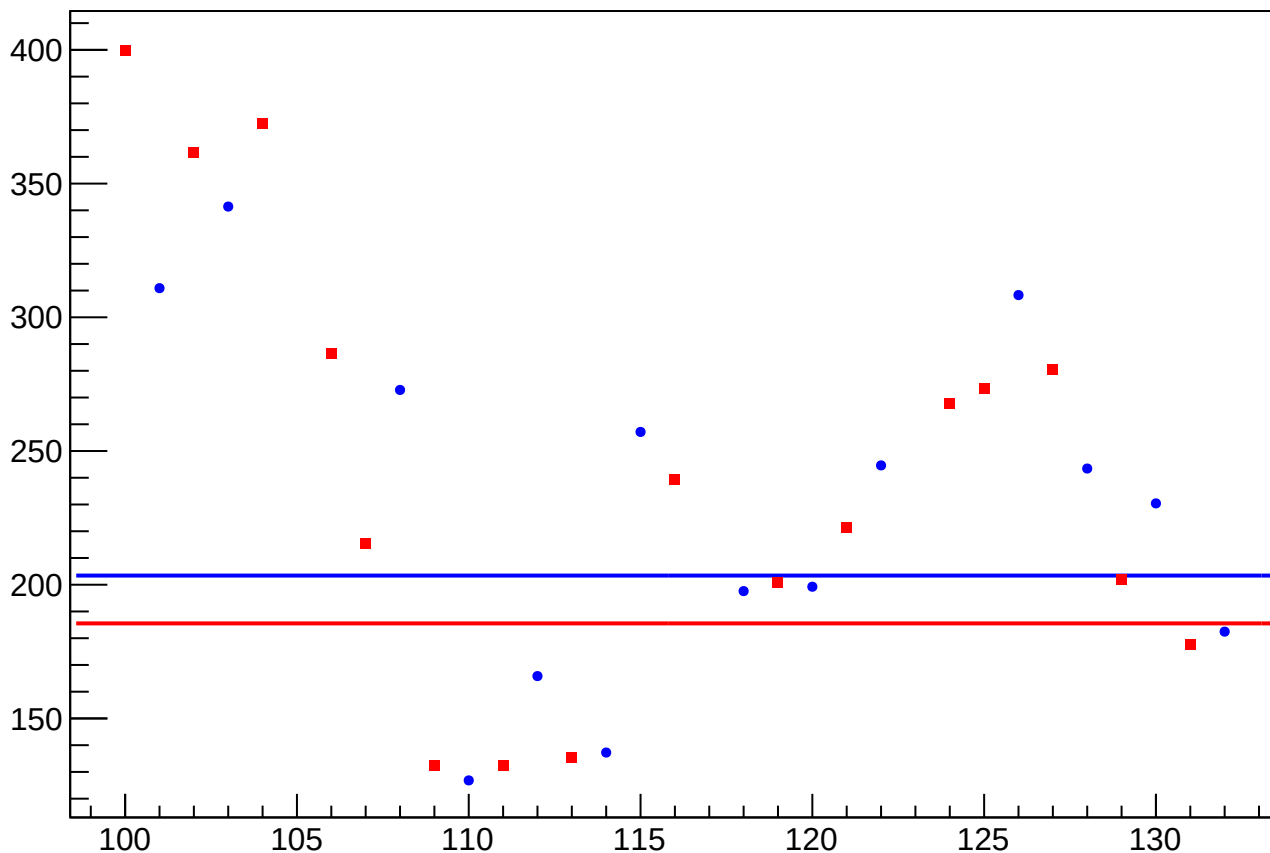
Right: -736.479+/-59.298 χ^2/NDF : 803.1/29

In: -231.850+/-88.598 χ^2/NDF :284.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -736.479+/-59.298 χ^2/NDF : 803.1/29

asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 203.426+/-0.063 χ^2/NDF : 938845.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 185.540+/-0.056 χ^2/NDF : 1360104.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

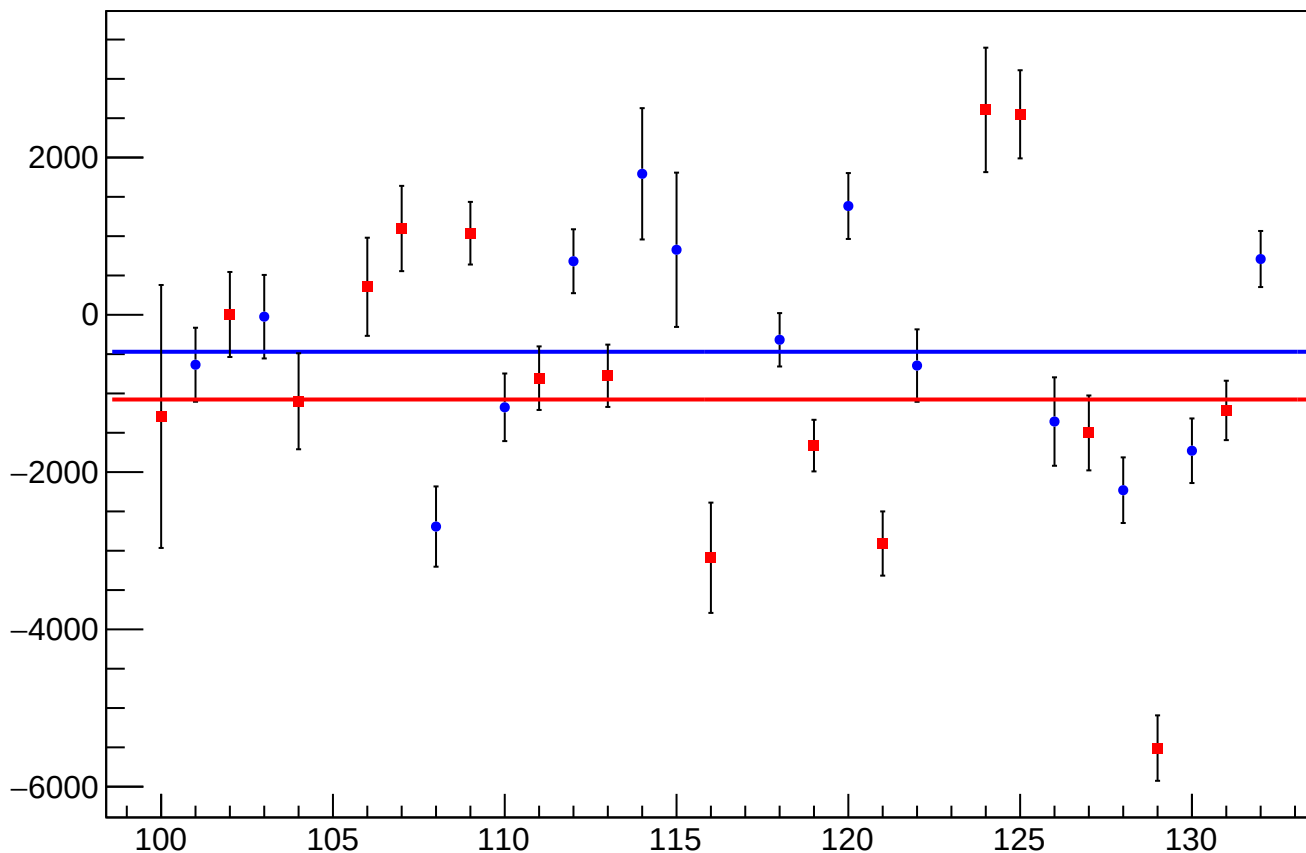
Right: 193.552+/-0.042 χ^2/NDF : 2343948.8/29

In: 203.426+/-0.063 χ^2/NDF : 938845.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 193.552+/-0.042 χ^2/NDF : 2343948.8/29

asym_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: -469.957+/-121.590 χ^2/NDF : 100.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1076.928+/-119.063 χ^2/NDF : 264.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

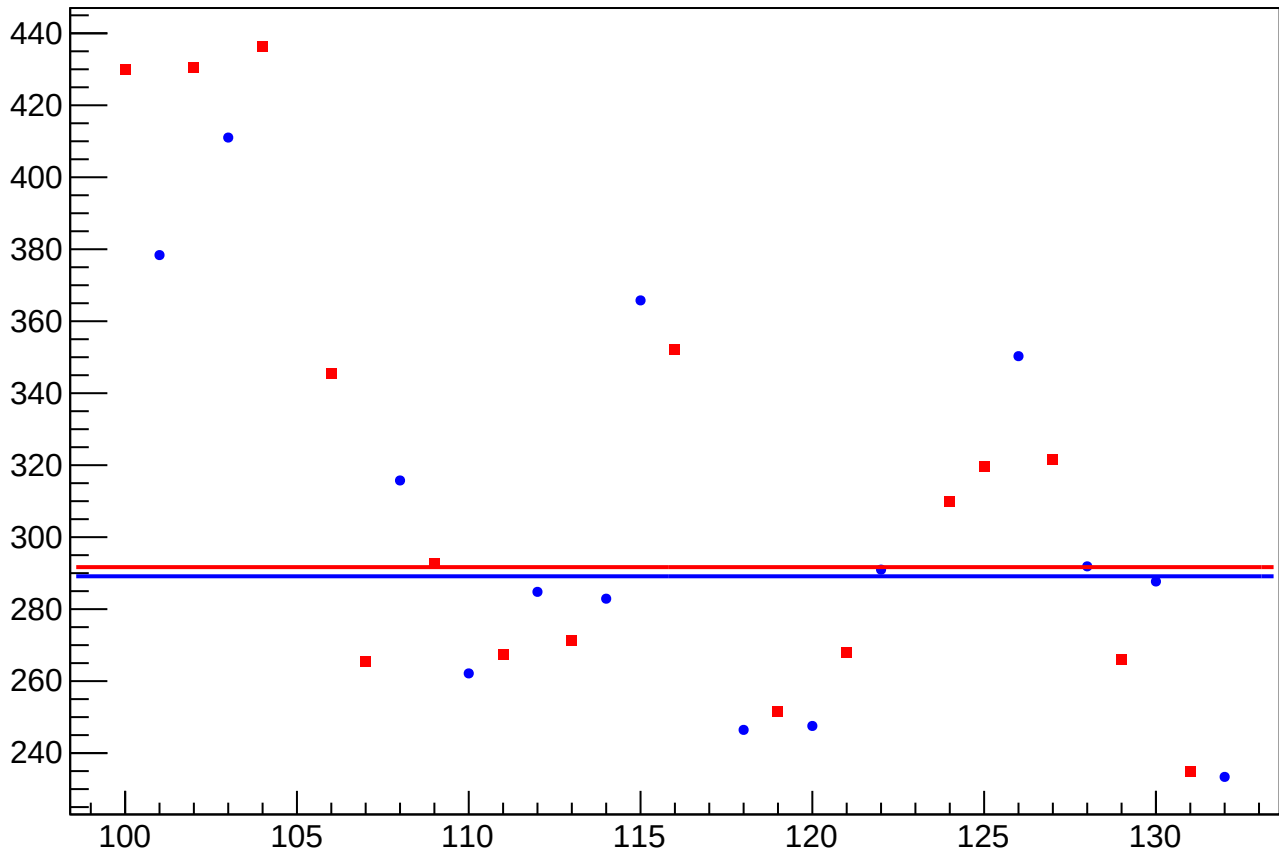
Right: -779.815+/-85.070 χ^2/NDF : 377.0/29

In: -469.957+/-121.590 χ^2/NDF : 100.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -779.815+/-85.070 χ^2/NDF : 377.0/29

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 289.129+/-0.086 χ^2/NDF : 327246.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 291.676+/-0.084 χ^2/NDF : 408277.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

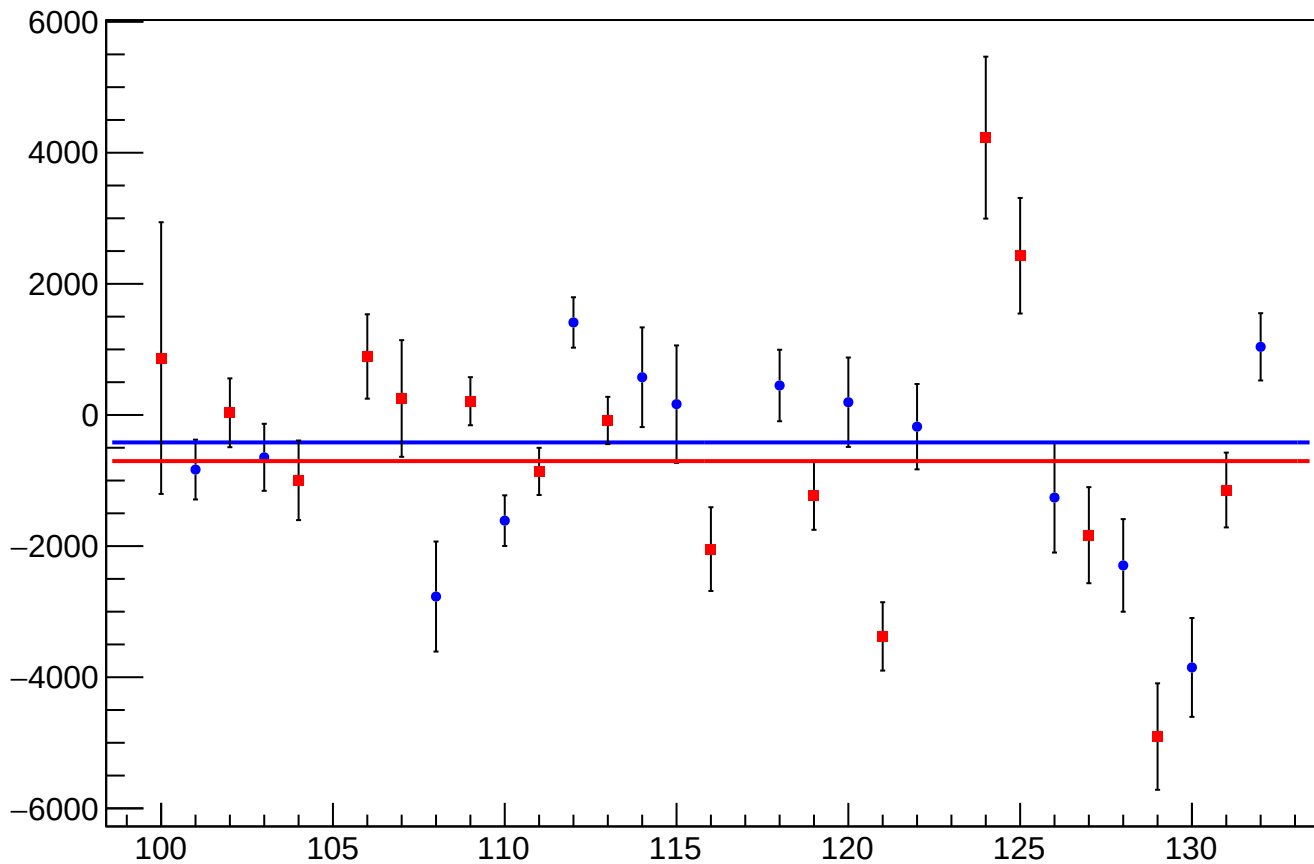
Right: 290.429+/-0.060 χ^2/NDF : 735971.3/29

In: 289.129+/-0.086 χ^2/NDF : 327246.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 290.429+/-0.060 χ^2/NDF : 735971.3/29

asym_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: -418.613+/-151.872 χ^2/NDF : 83.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -703.309+/-139.565 χ^2/NDF : 109.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

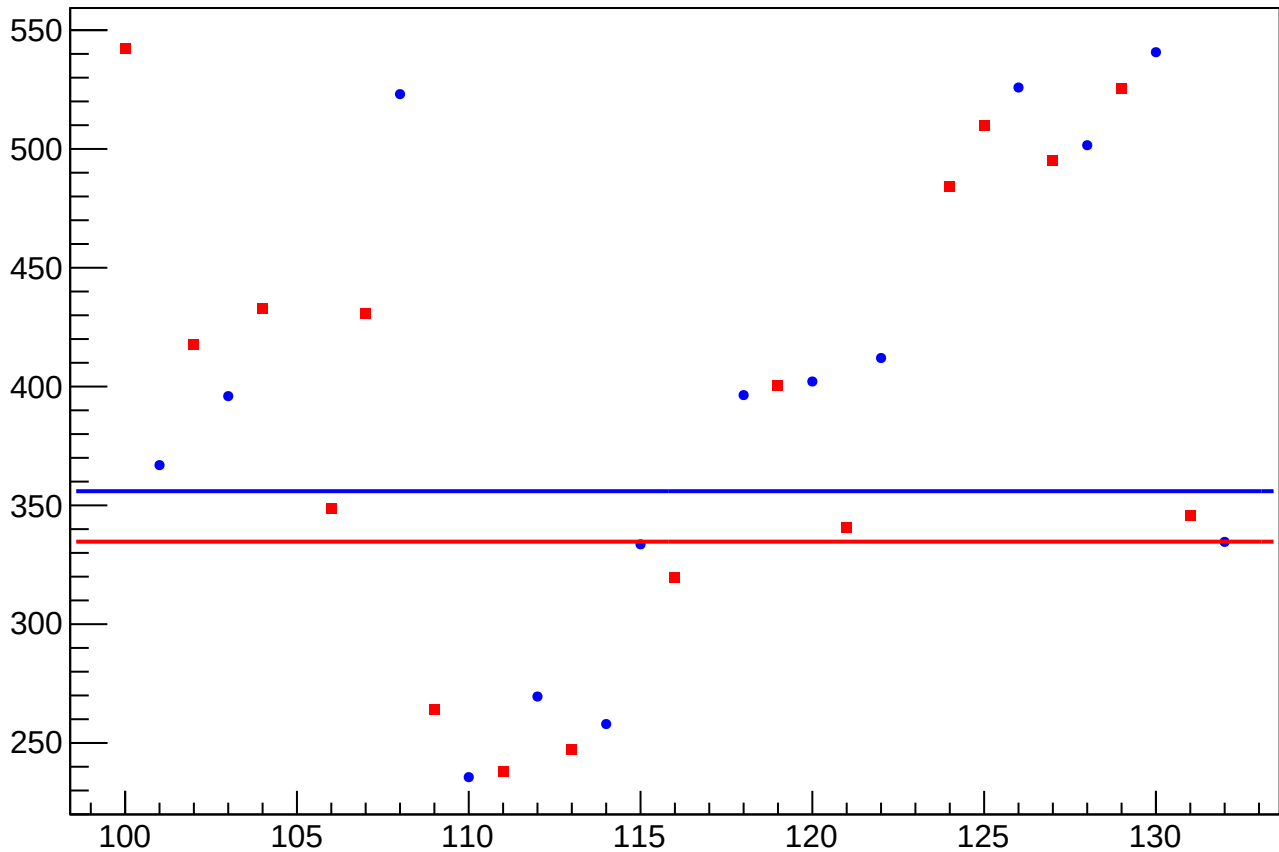
Right: -572.962+/-102.763 χ^2/NDF : 195.0/29

In: -418.613+/-151.872 χ^2/NDF : 83.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -572.962+/-102.763 χ^2/NDF : 195.0/29

asym_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 355.968 $\pm$ 0.107 χ^2 /NDF: 747786.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 334.724 $\pm$ 0.099 χ^2 /NDF: 831401.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

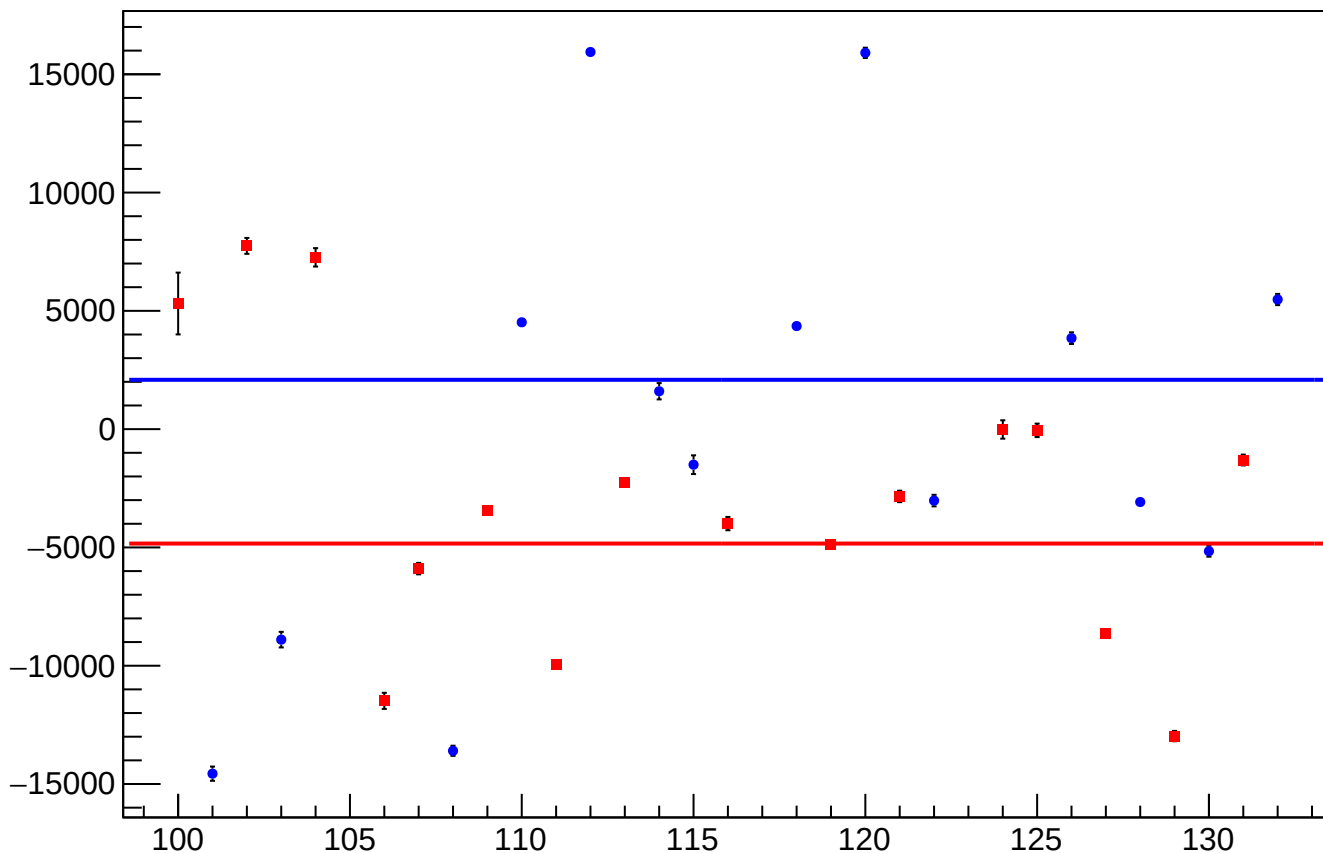
Right: 344.450 $\pm$ 0.073 χ^2 /NDF: 1600404.3/29

In: 355.968 $\pm$ 0.107 χ^2 /NDF:747786.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 344.450 $\pm$ 0.073 χ^2 /NDF: 1600404.3/29

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 2085.385+/-60.247 χ^2/NDF : 22736.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4836.010+/-57.250 χ^2/NDF : 6720.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

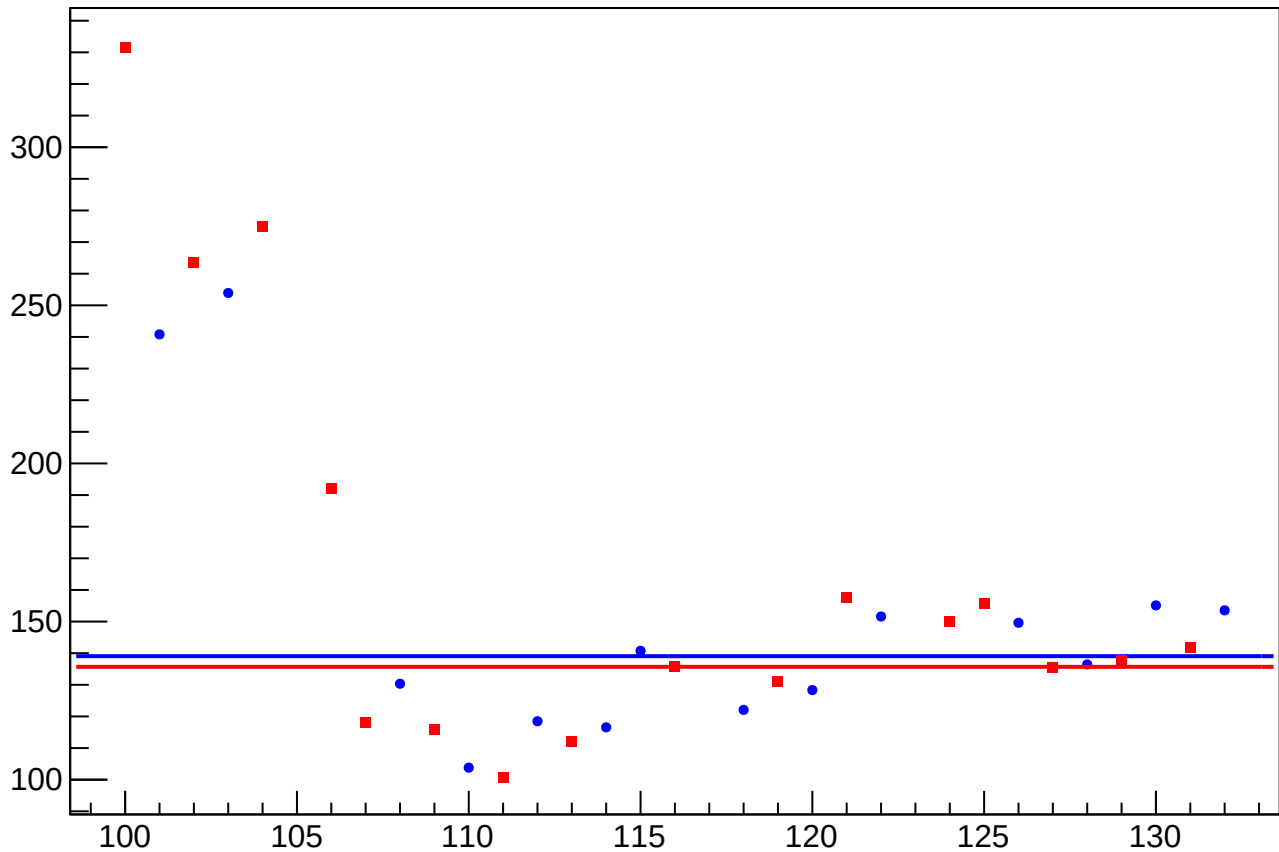
Right: -1551.743+/-41.501 χ^2/NDF : 36392.9/29

In: 2085.385+/-60.247 χ^2/NDF :22736.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1551.743+/-41.501 χ^2/NDF : 36392.9/29

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 139.054 $\pm$ 0.043 χ^2 /NDF: 646006.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 135.684 $\pm$ 0.040 χ^2 /NDF: 859108.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

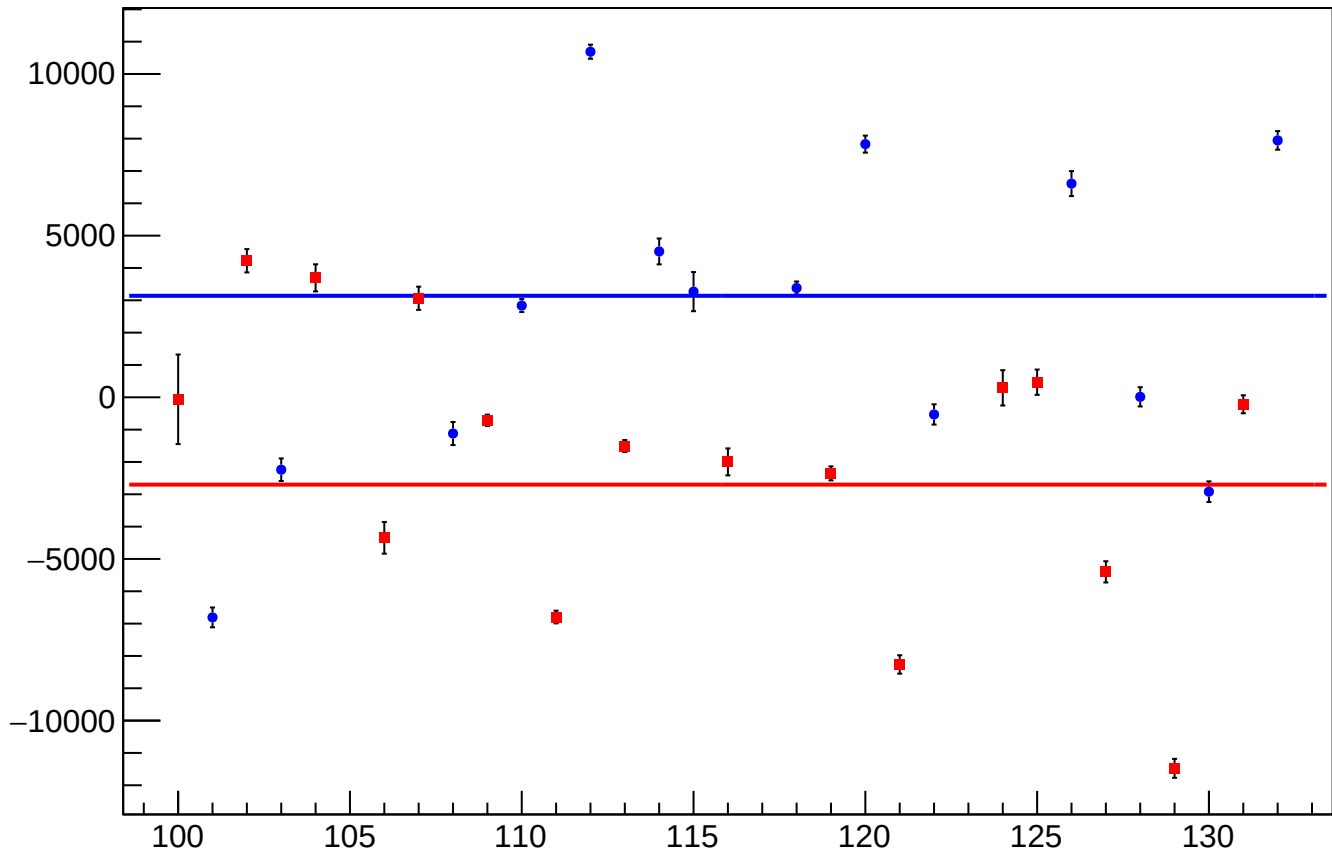
Right: 137.283 $\pm$ 0.029 χ^2 /NDF: 1508404.1/29

In: 139.054 $\pm$ 0.043 χ^2 /NDF:646006.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 137.283 $\pm$ 0.029 χ^2 /NDF: 1508404.1/29

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 3139.509+/-76.520 χ^2/NDF : 3930.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2701.594+/-71.330 χ^2/NDF : 3004.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

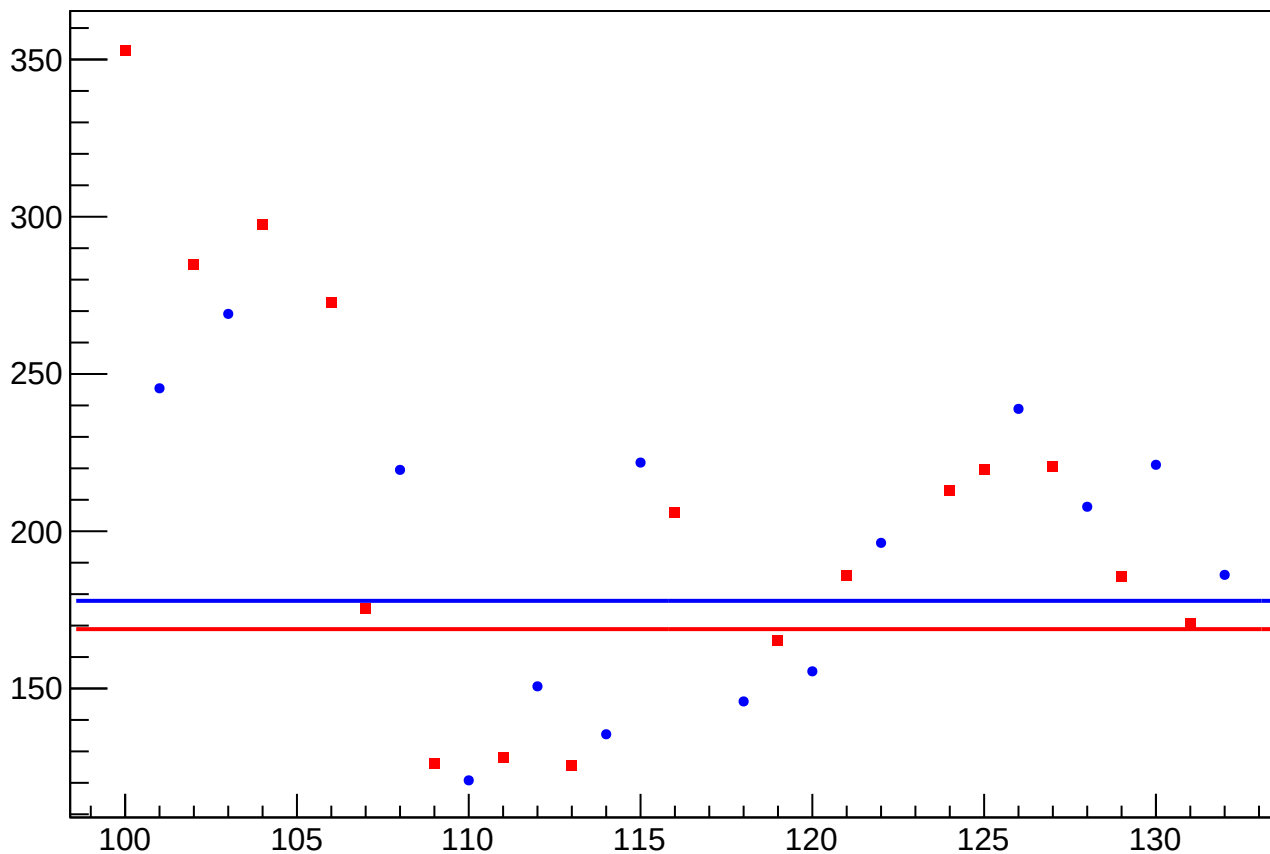
Right: 14.155+/-52.176 χ^2/NDF : 10052.0/29

In: 3139.509+/-76.520 χ^2/NDF :3930.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 14.155+/-52.176 χ^2/NDF : 10052.0/29

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 177.873+/-0.054 χ^2/NDF : 667890.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 168.874+/-0.050 χ^2/NDF : 963175.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

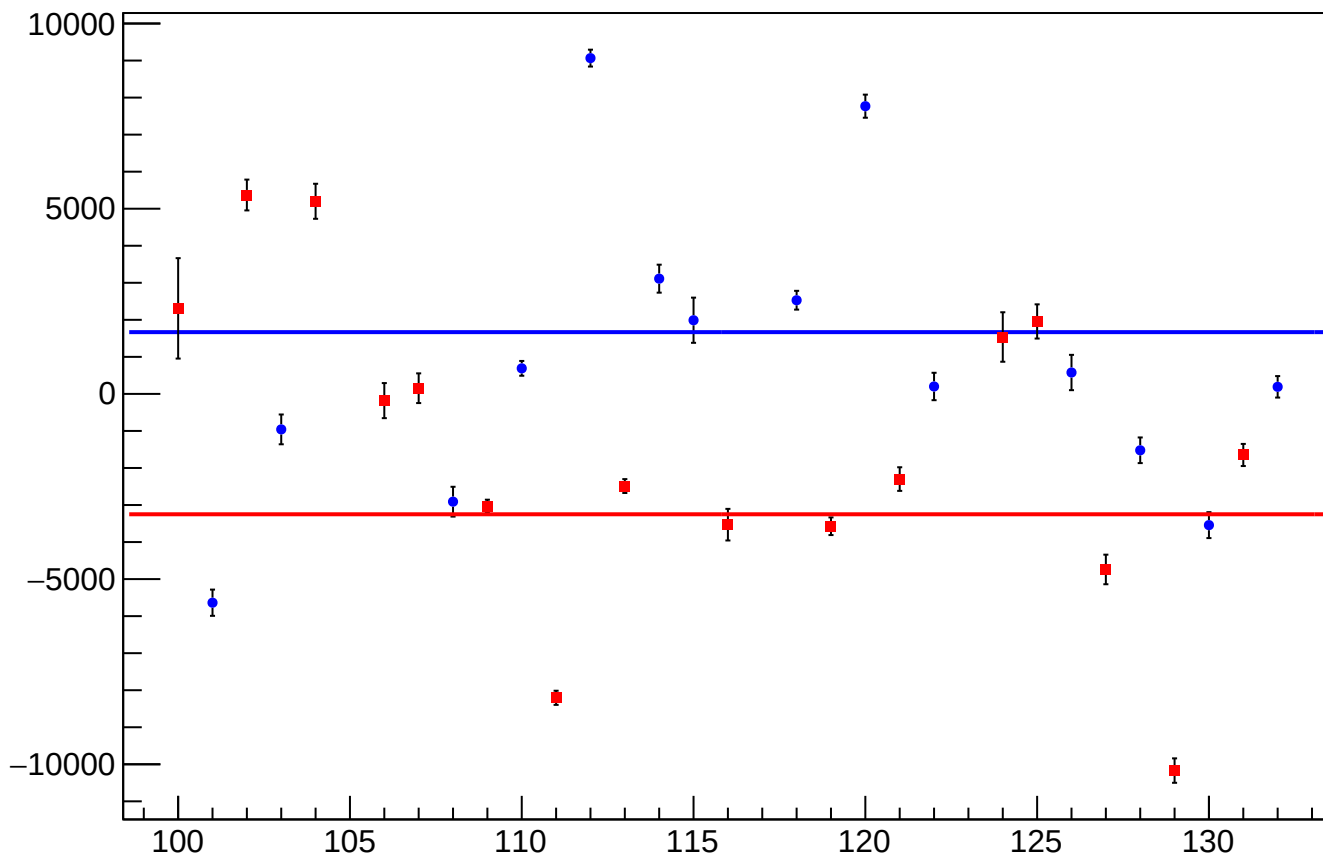
Right: 173.058+/-0.037 χ^2/NDF : 1645865.5/29

In: 177.873+/-0.054 χ^2/NDF : 667890.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.058+/-0.037 χ^2/NDF : 1645865.5/29

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 1667.642 $\pm$ 84.432 χ^2 /NDF: 2437.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3249.843 $\pm$ 75.678 χ^2 /NDF: 2243.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

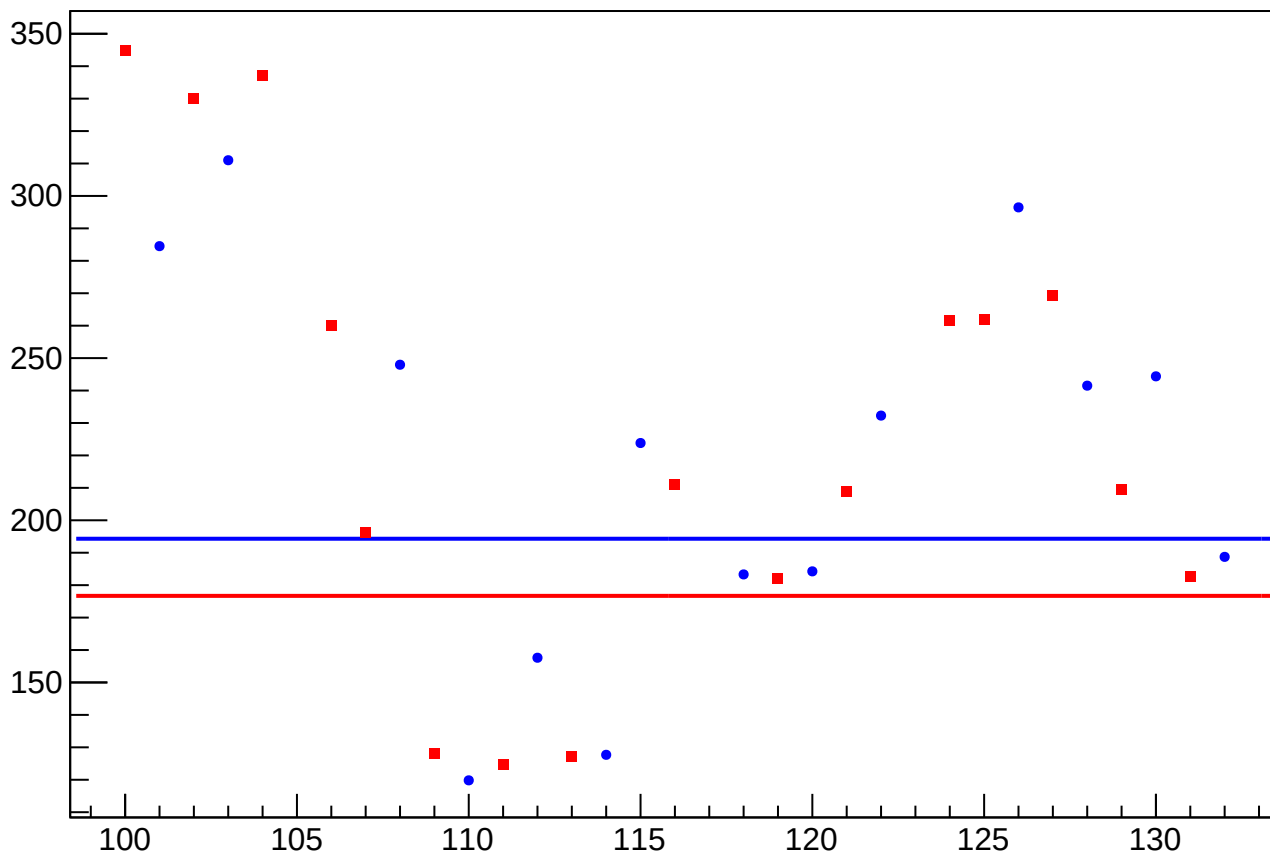
Right: -1059.148 $\pm$ 56.354 χ^2 /NDF: 6561.2/29

In: 1667.642 $\pm$ 84.432 χ^2 /NDF:2437.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1059.148 $\pm$ 56.354 χ^2 /NDF: 6561.2/29

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 194.311+/-0.060 χ^2/NDF : 928051.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.698+/-0.054 χ^2/NDF : 1295552.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

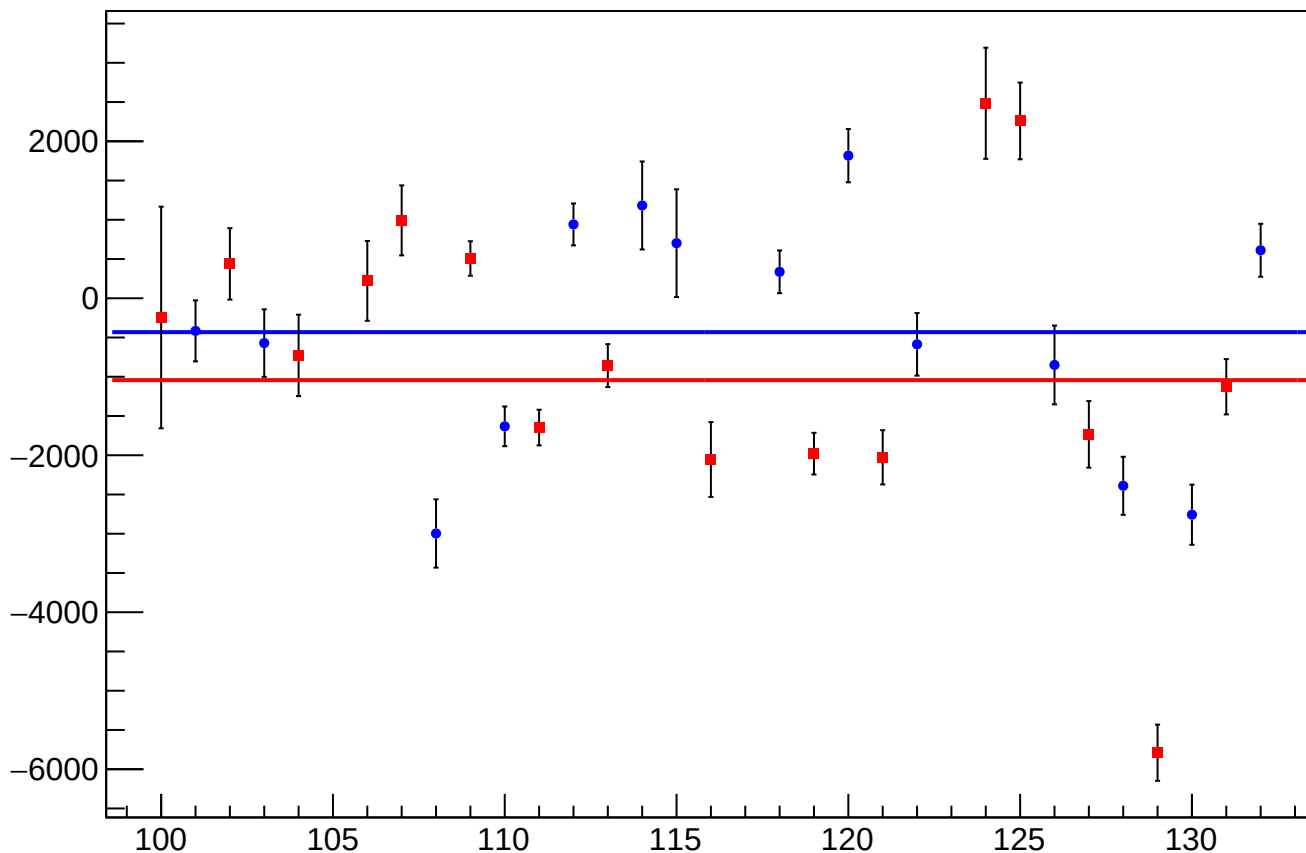
Right: 184.544+/-0.040 χ^2/NDF : 2271864.2/29

In: 194.311+/-0.060 χ^2/NDF : 928051.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.544+/-0.040 χ^2/NDF : 2271864.2/29

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -431.652+/-96.409 χ^2/NDF : 222.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1042.906+/-89.073 χ^2/NDF : 369.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

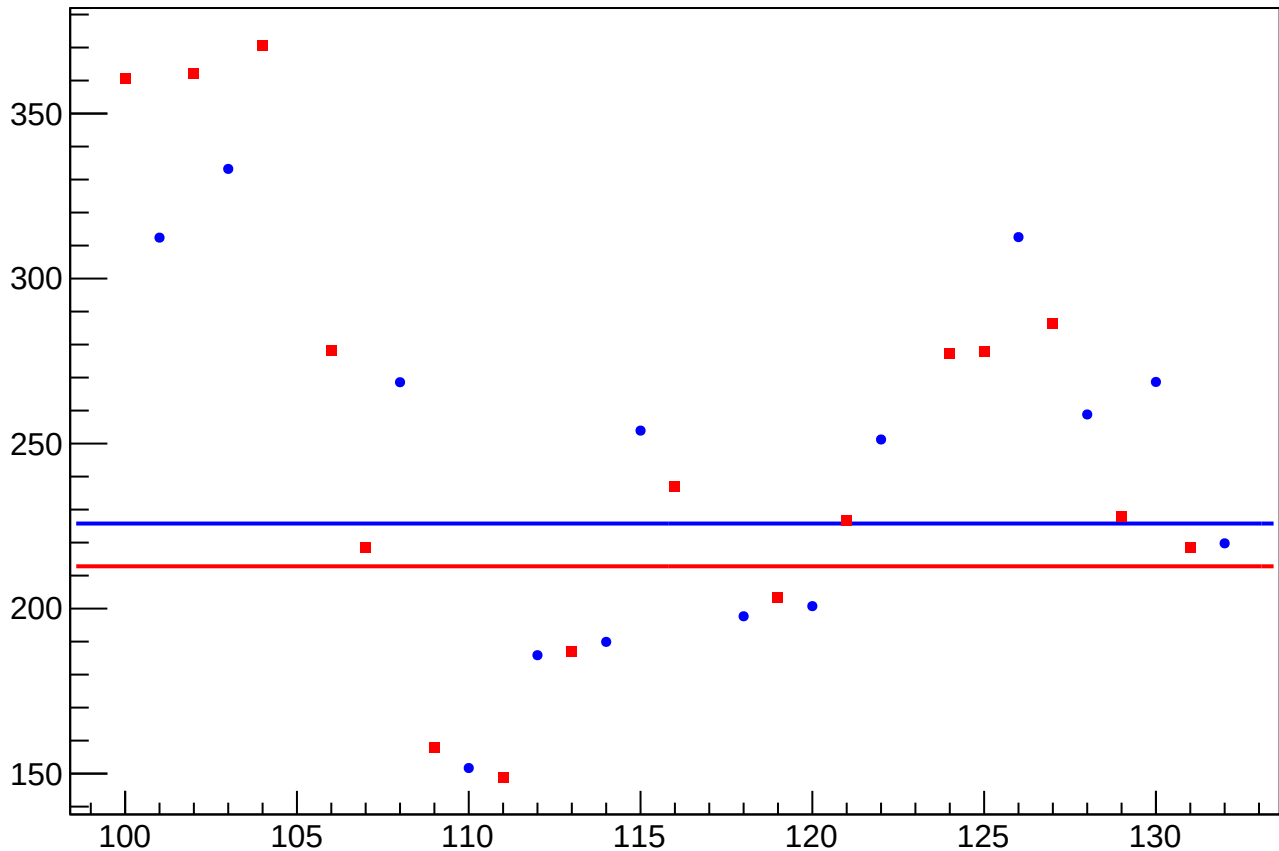
Right: -761.418+/-65.424 χ^2/NDF : 613.6/29

In: -431.652+/-96.409 χ^2/NDF : 222.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -761.418+/-65.424 χ^2/NDF : 613.6/29

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 225.772 ± 0.068 χ^2/NDF : 613078.1/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 212.815 ± 0.063 χ^2/NDF : 883149.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

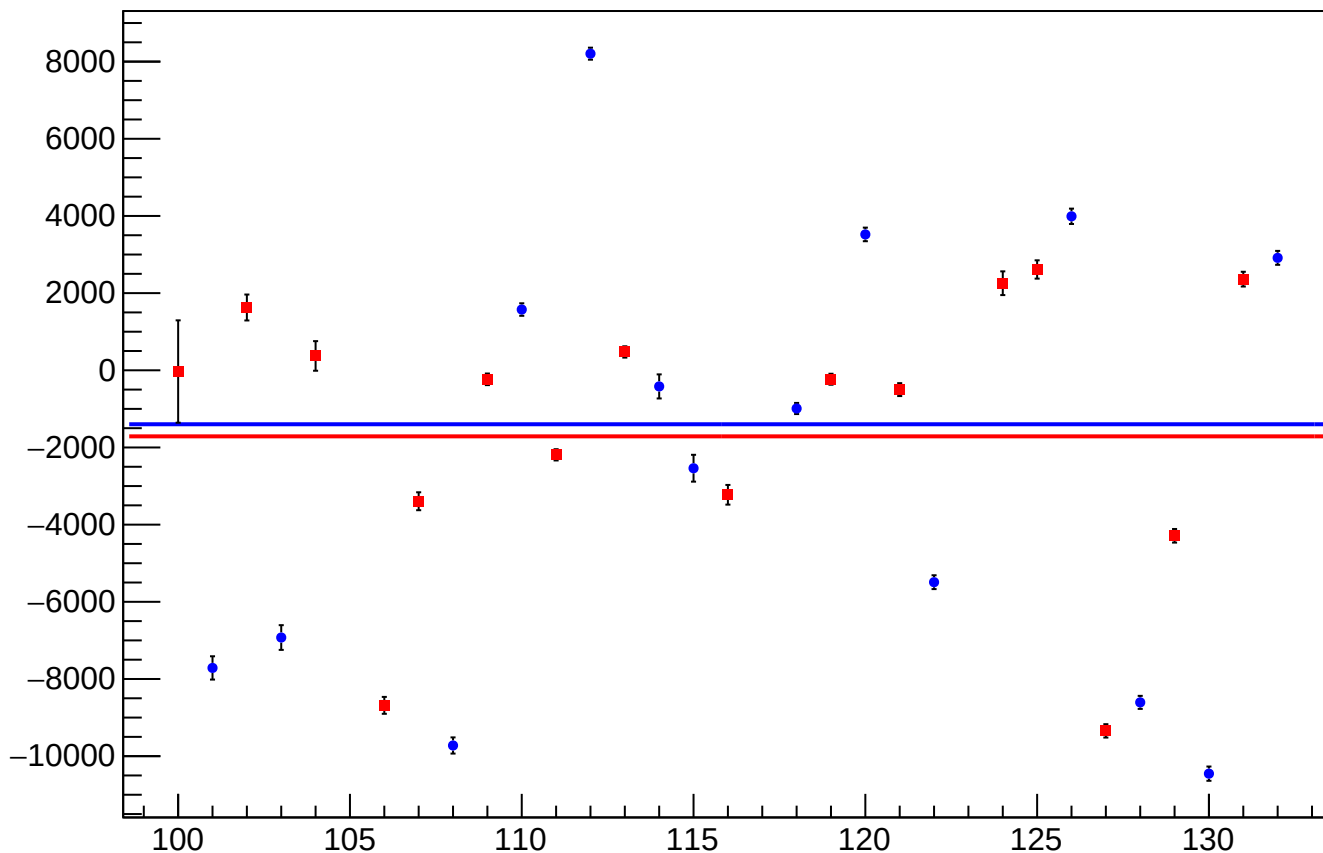
Right: 218.782 ± 0.046 χ^2/NDF : 1515715.9/29

In: 225.772 ± 0.068 χ^2/NDF : 613078.1/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 218.782 ± 0.046 χ^2/NDF : 1515715.9/29

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -1398.285+/-51.785 χ^2/NDF : 13310.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1711.874+/-49.059 χ^2/NDF : 4829.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

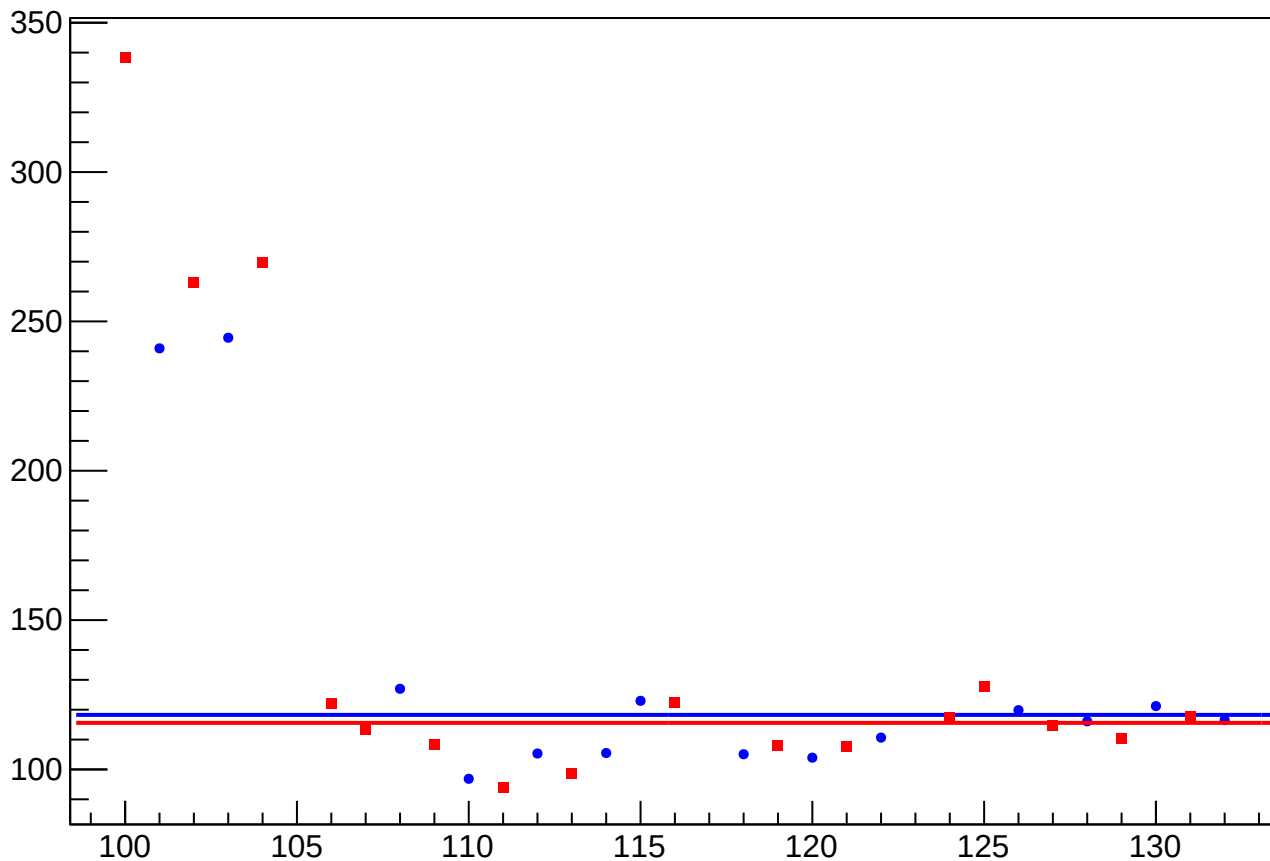
Right: -1563.551+/-35.615 χ^2/NDF : 18159.0/29

In: -1398.285+/-51.785 χ^2/NDF :13310.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1563.551+/-35.615 χ^2/NDF : 18159.0/29

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 118.268+/-0.037 χ^2/NDF : 731617.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.593+/-0.035 χ^2/NDF : 862455.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

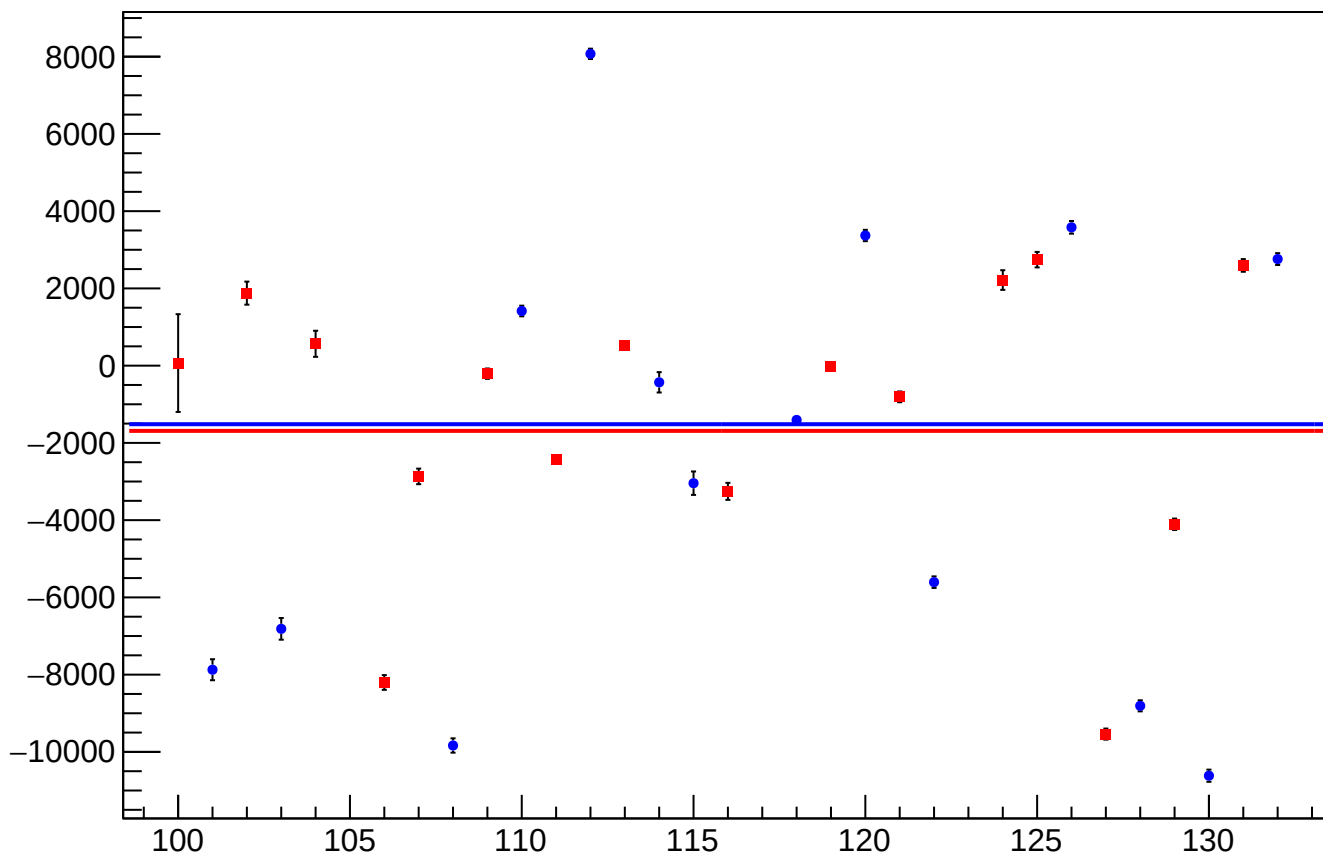
Right: 116.858+/-0.025 χ^2/NDF : 1596886.9/29

In: 118.268+/-0.037 χ^2/NDF : 731617.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.858+/-0.025 χ^2/NDF : 1596886.9/29

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: -1515.984 ± 43.950 χ^2/NDF : 18085.7/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1688.733 ± 41.672 χ^2/NDF : 6825.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

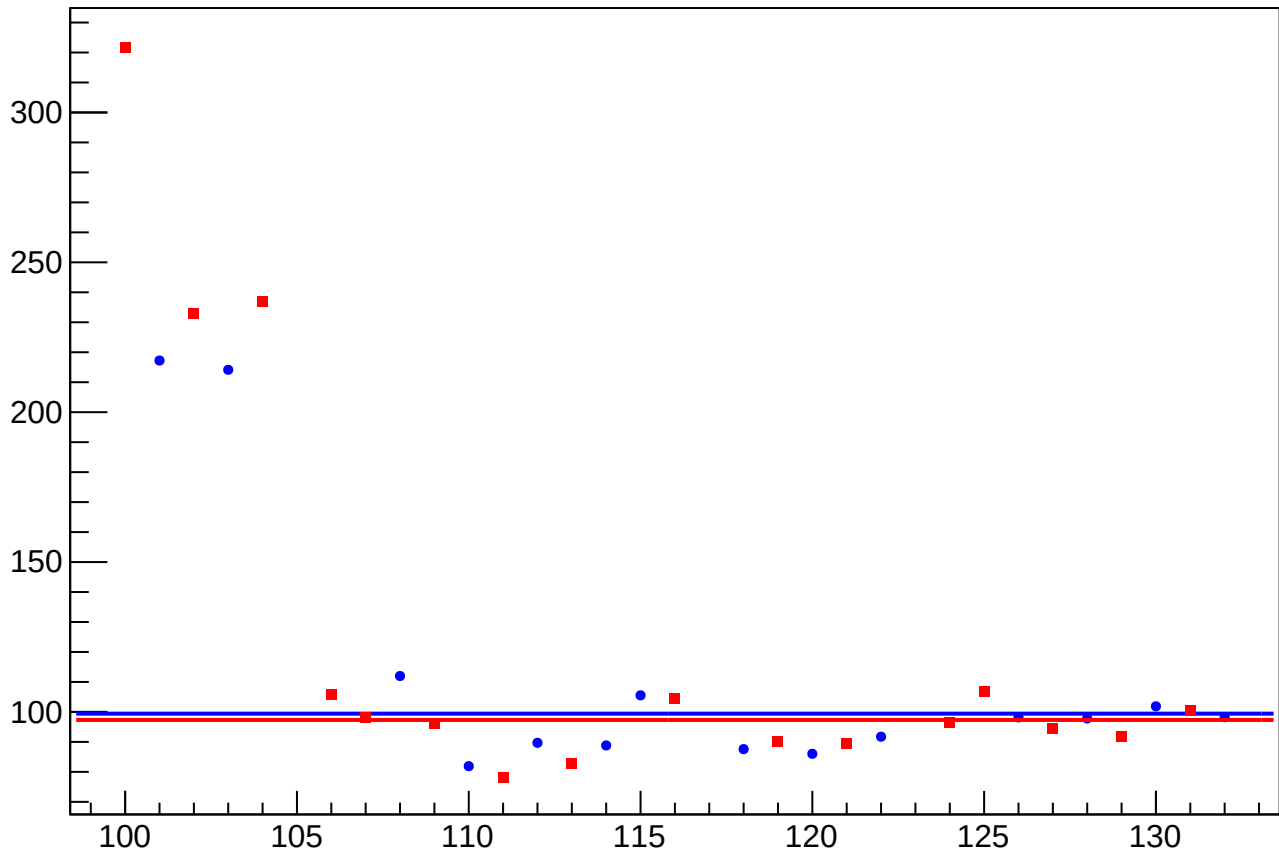
Right: -1606.952 ± 30.240 χ^2/NDF : 24919.0/29

In: -1515.984 ± 43.950 χ^2/NDF : 18085.7/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1606.952 ± 30.240 χ^2/NDF : 24919.0/29

asym_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 99.426+/-0.031 χ^2/NDF : 806853.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.318+/-0.029 χ^2/NDF : 924233.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

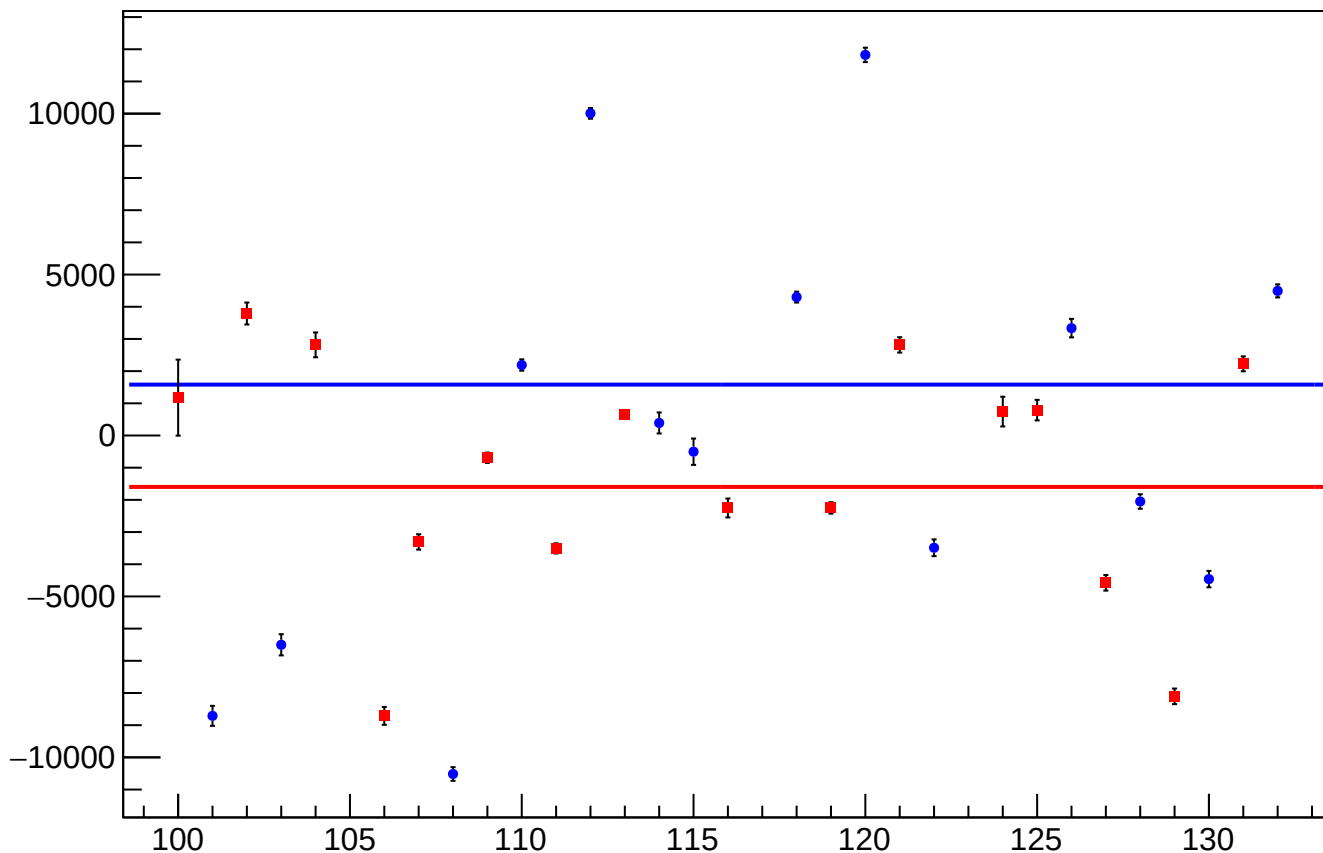
Right: 98.316+/-0.021 χ^2/NDF : 1733507.2/29

In: 99.426+/-0.031 χ^2/NDF : 806853.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.316+/-0.021 χ^2/NDF : 1733507.2/29

asym_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 1580.914+/-61.239 χ^2/NDF : 11346.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1597.586+/-58.377 χ^2/NDF : 3059.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

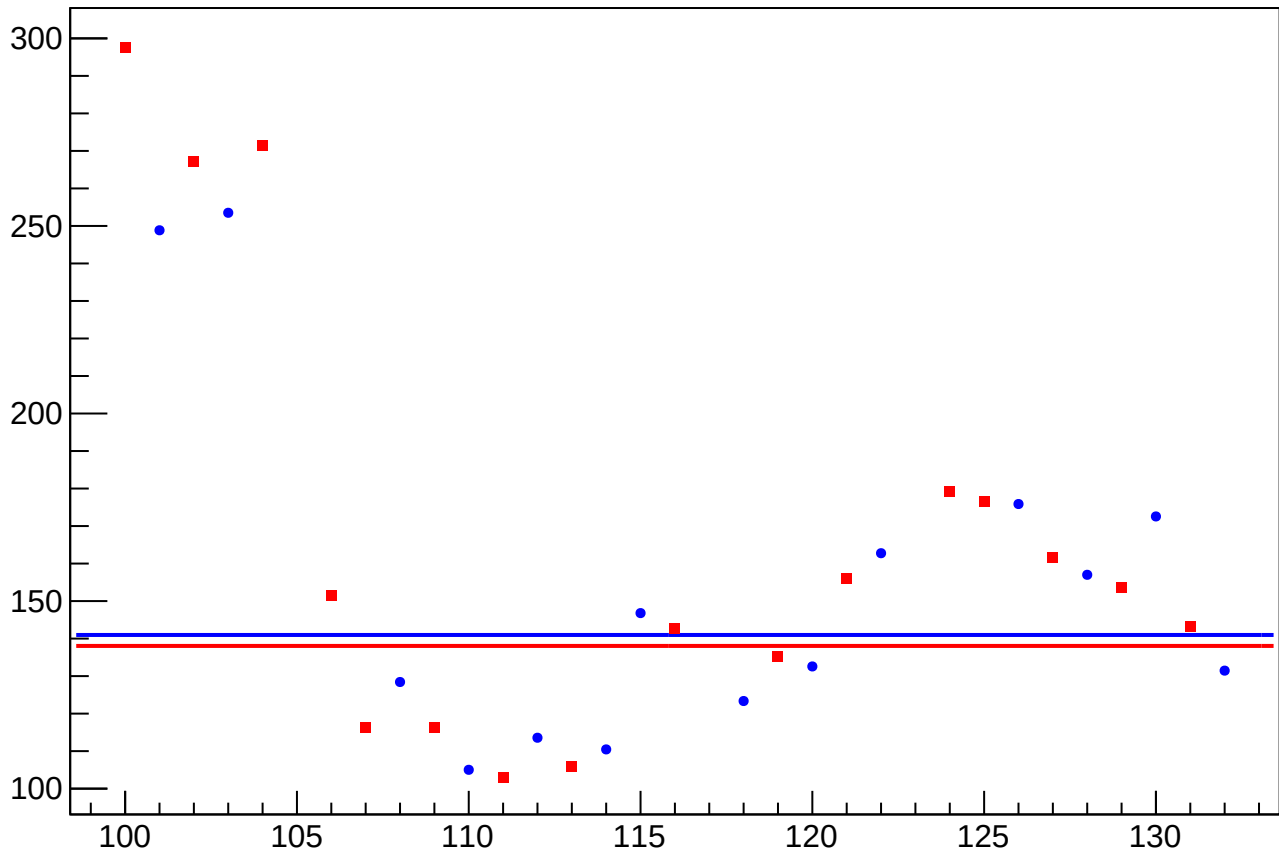
Right: -84.344+/-42.255 χ^2/NDF : 15816.8/29

In: 1580.914+/-61.239 χ^2/NDF : 11346.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -84.344+/-42.255 χ^2/NDF : 15816.8/29

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 140.967 $\pm$ 0.043 χ^2 /NDF: 749729.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 138.044 $\pm$ 0.041 χ^2 /NDF: 886056.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

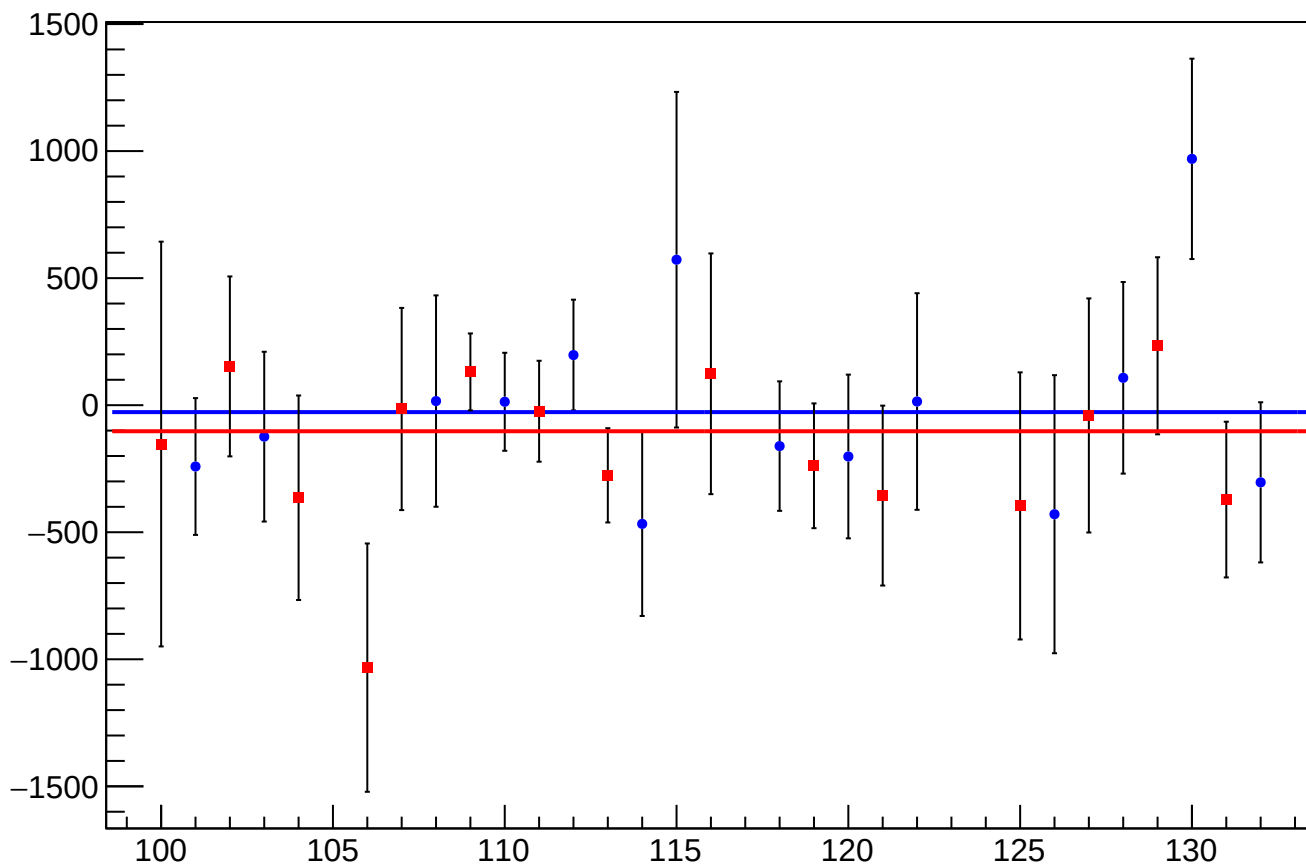
Right: 139.436 $\pm$ 0.030 χ^2 /NDF: 1638172.9/29

In: 140.967 $\pm$ 0.043 χ^2 /NDF:749729.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 139.436 $\pm$ 0.030 χ^2 /NDF: 1638172.9/29

asym_bcm_2an_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -27.273 ± 83.390 χ^2/NDF : 12.5/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -102.556 ± 74.431 χ^2/NDF : 11.1/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

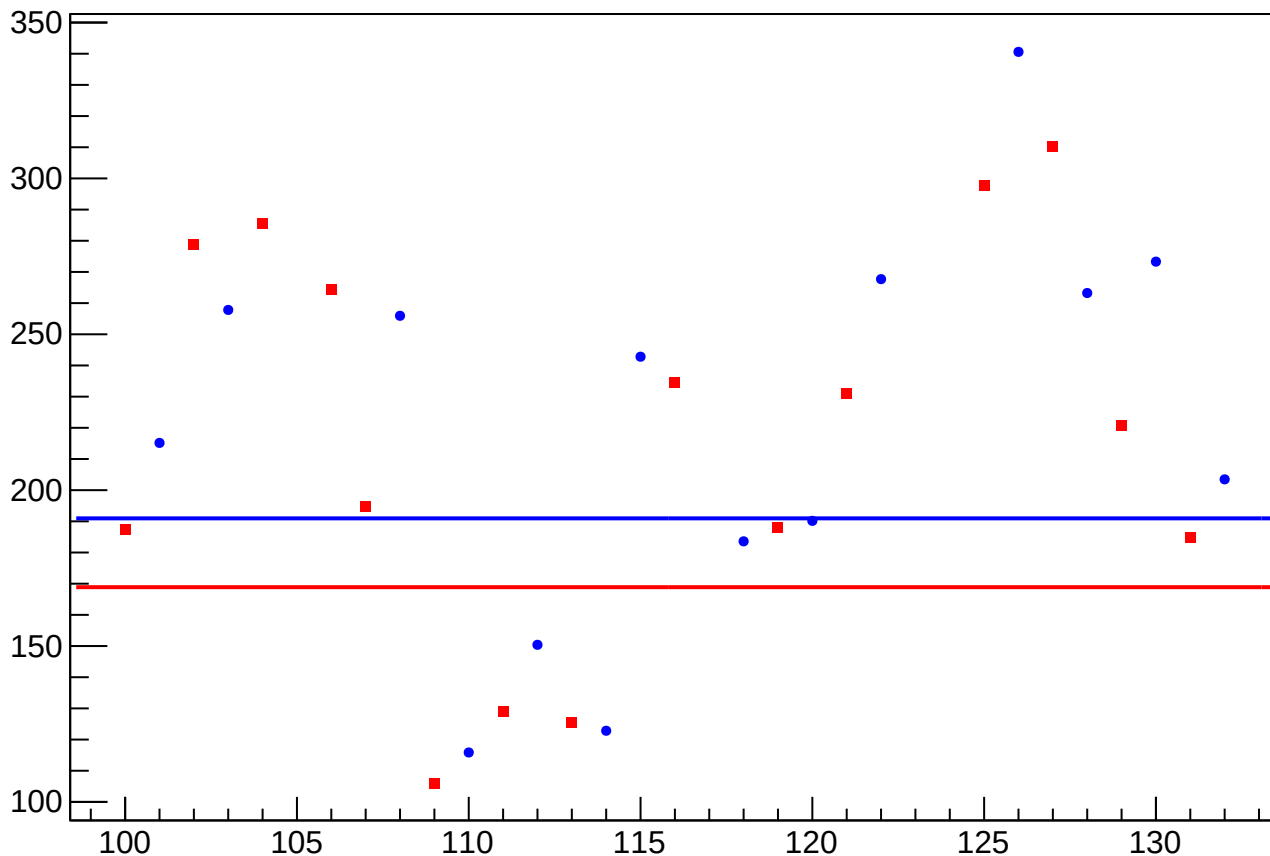
Right: -69.175 ± 55.529 χ^2/NDF : 24.1/28

In: -27.273 ± 83.390 χ^2/NDF : 12.5/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -69.175 ± 55.529 χ^2/NDF : 24.1/28

asym_bcm_2an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 190.958 $\pm$ 0.059 χ^2 /NDF: 980710.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 168.879 $\pm$ 0.053 χ^2 /NDF: 1453329.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

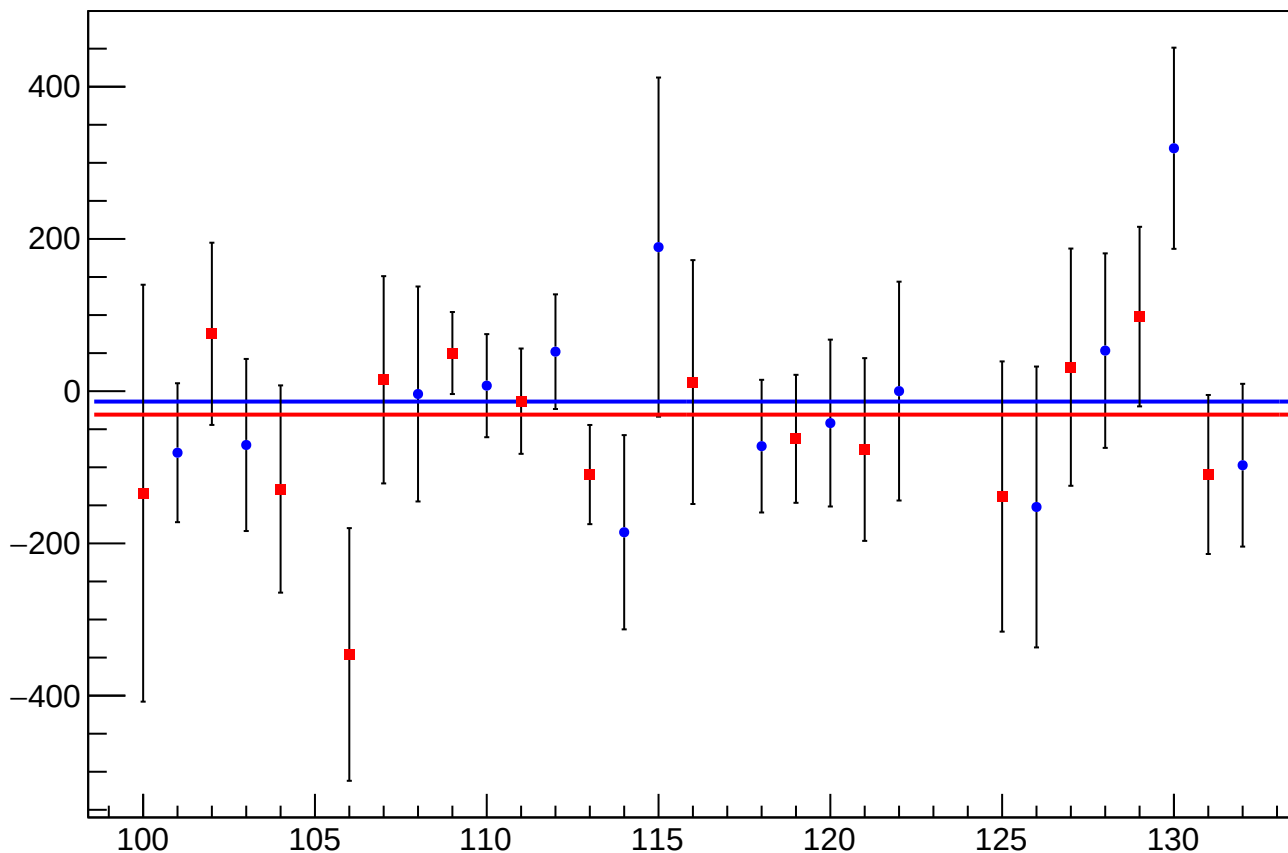
Right: 178.669 $\pm$ 0.039 χ^2 /NDF: 2512074.3/28

In: 190.958 $\pm$ 0.059 χ^2 /NDF:980710.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 178.669 $\pm$ 0.039 χ^2 /NDF: 2512074.3/28

asym_bcm_2an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -13.648 ± 28.596 χ^2/NDF : 12.6/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -30.802 ± 25.798 χ^2/NDF : 11.6/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

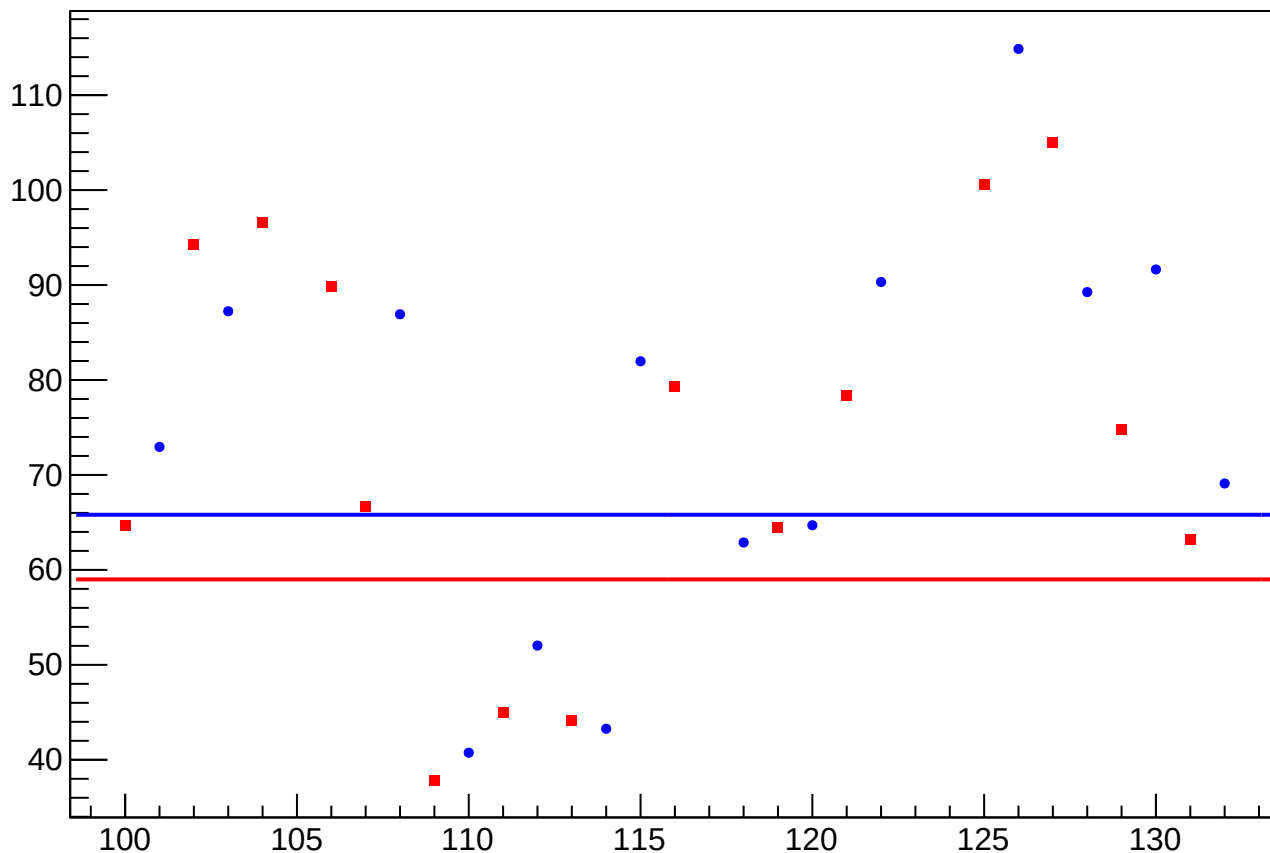
Right: -23.105 ± 19.155 χ^2/NDF : 24.4/28

In: -13.648 ± 28.596 χ^2/NDF : 12.6/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -23.105 ± 19.155 χ^2/NDF : 24.4/28

asym_bcm_2an_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 65.806+/-0.020 χ^2/NDF : 890230.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.999+/-0.018 χ^2/NDF : 1313862.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

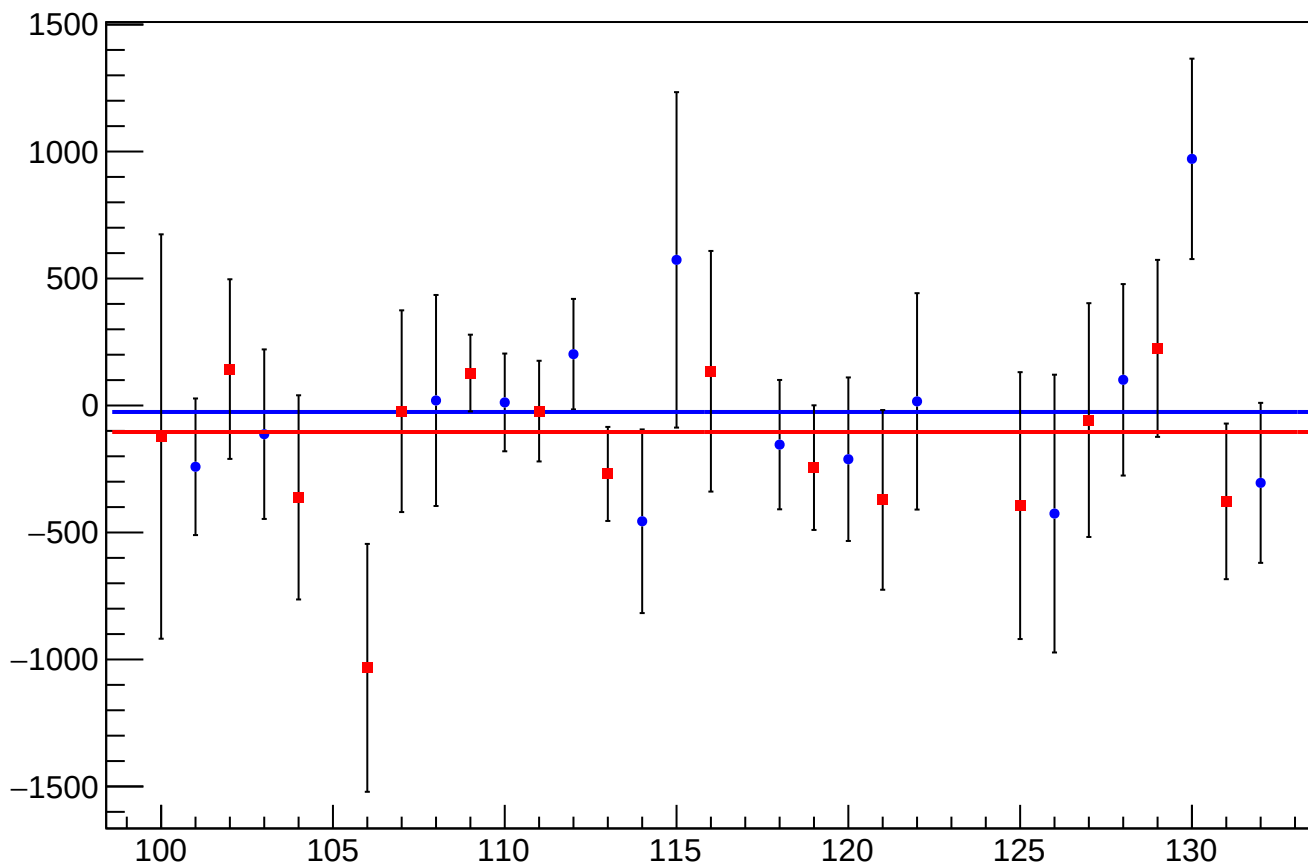
Right: 62.054+/-0.014 χ^2/NDF : 2266570.0/28

In: 65.806+/-0.020 χ^2/NDF : 890230.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.054+/-0.014 χ^2/NDF : 2266570.0/28

asym_bcm_an_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -25.494+/-83.294 χ^2/NDF : 12.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -104.334+/-74.321 χ^2/NDF : 11.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

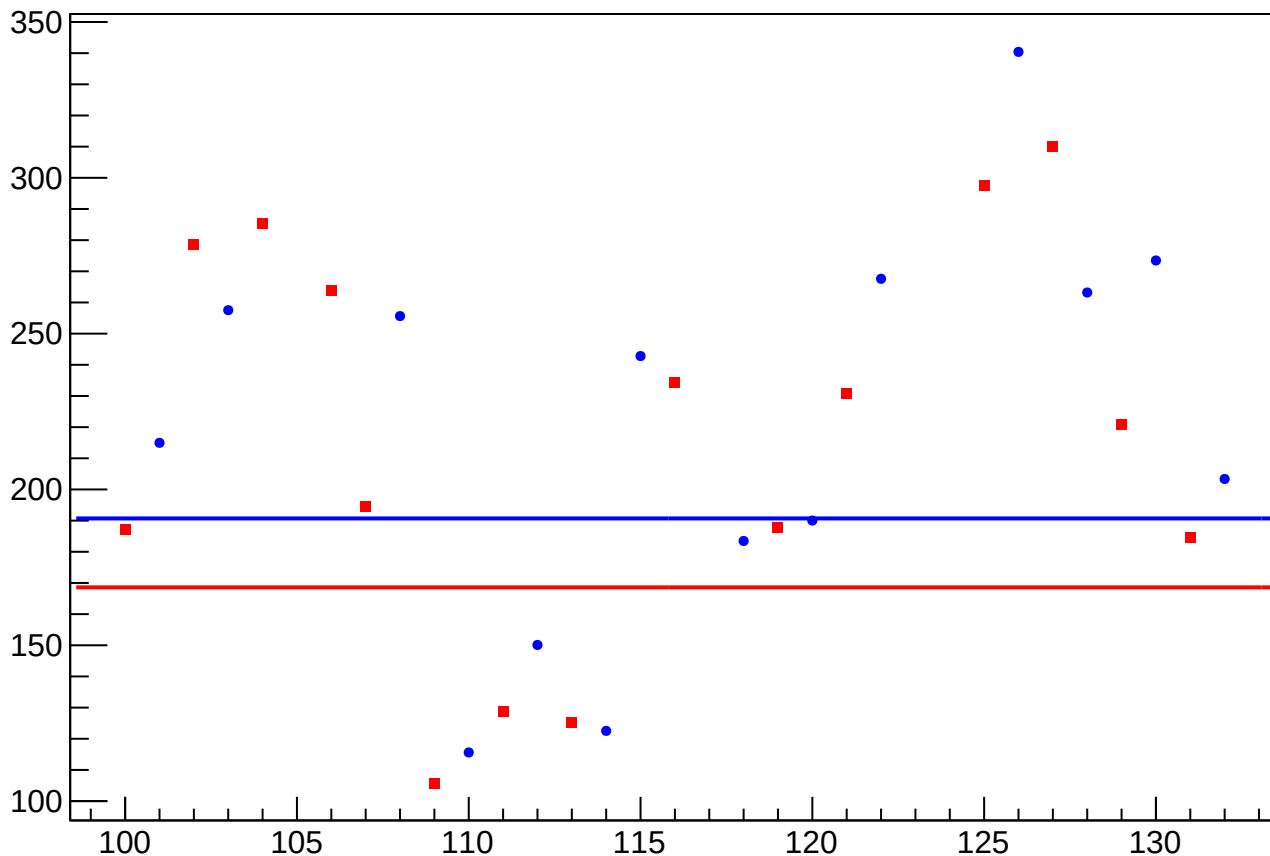
Right: -69.388+/-55.455 χ^2/NDF : 24.1/28

In: -25.494+/-83.294 χ^2/NDF : 12.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -69.388+/-55.455 χ^2/NDF : 24.1/28

asym_bcm_an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 190.699+/-0.059 χ^2/NDF : 984999.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 168.586+/-0.053 χ^2/NDF : 1458493.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

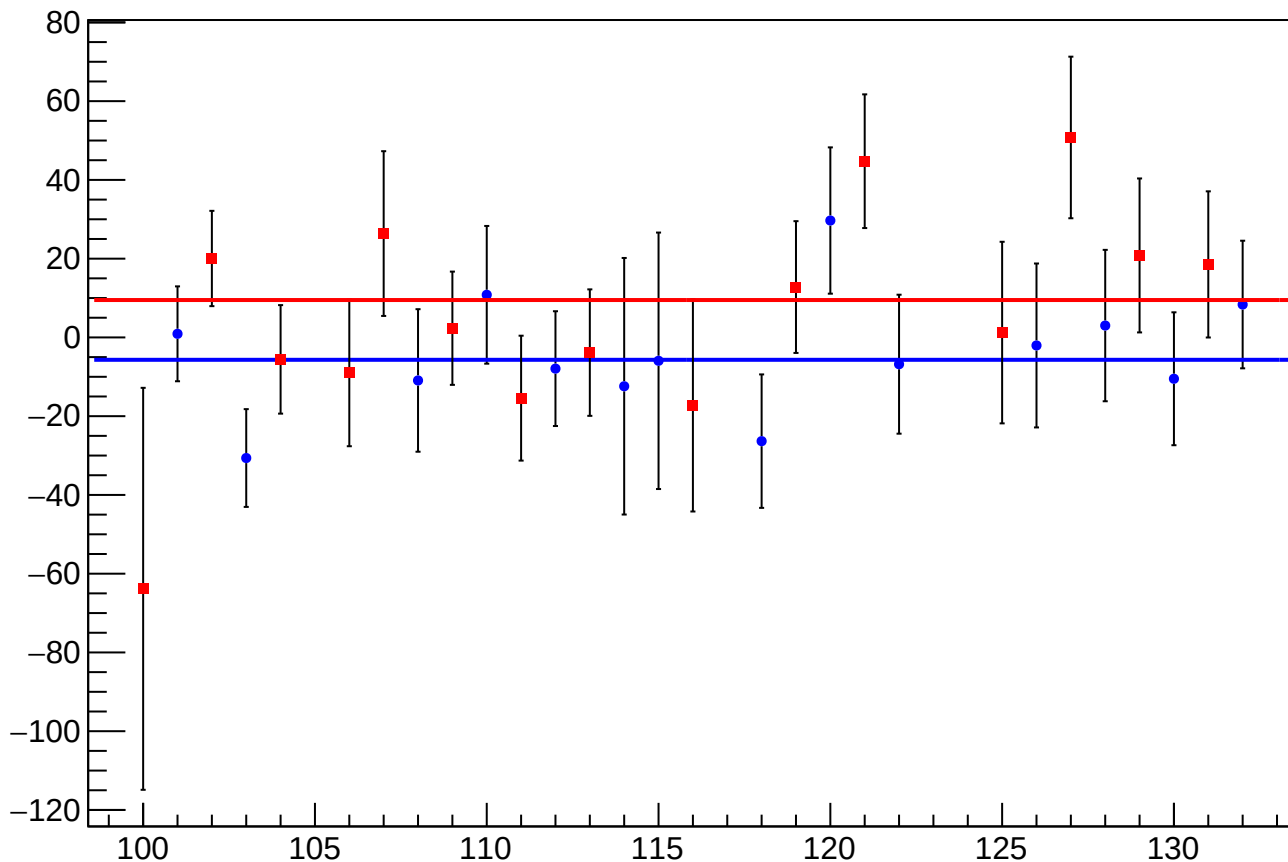
Right: 178.387+/-0.039 χ^2/NDF : 2521976.7/28

In: 190.699+/-0.059 χ^2/NDF : 984999.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.387+/-0.039 χ^2/NDF : 2521976.7/28

asym_bcm_an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -5.684 $\pm$ 4.554 χ^2/NDF : 11.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 9.494 $\pm$ 4.539 χ^2/NDF : 19.2/14

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

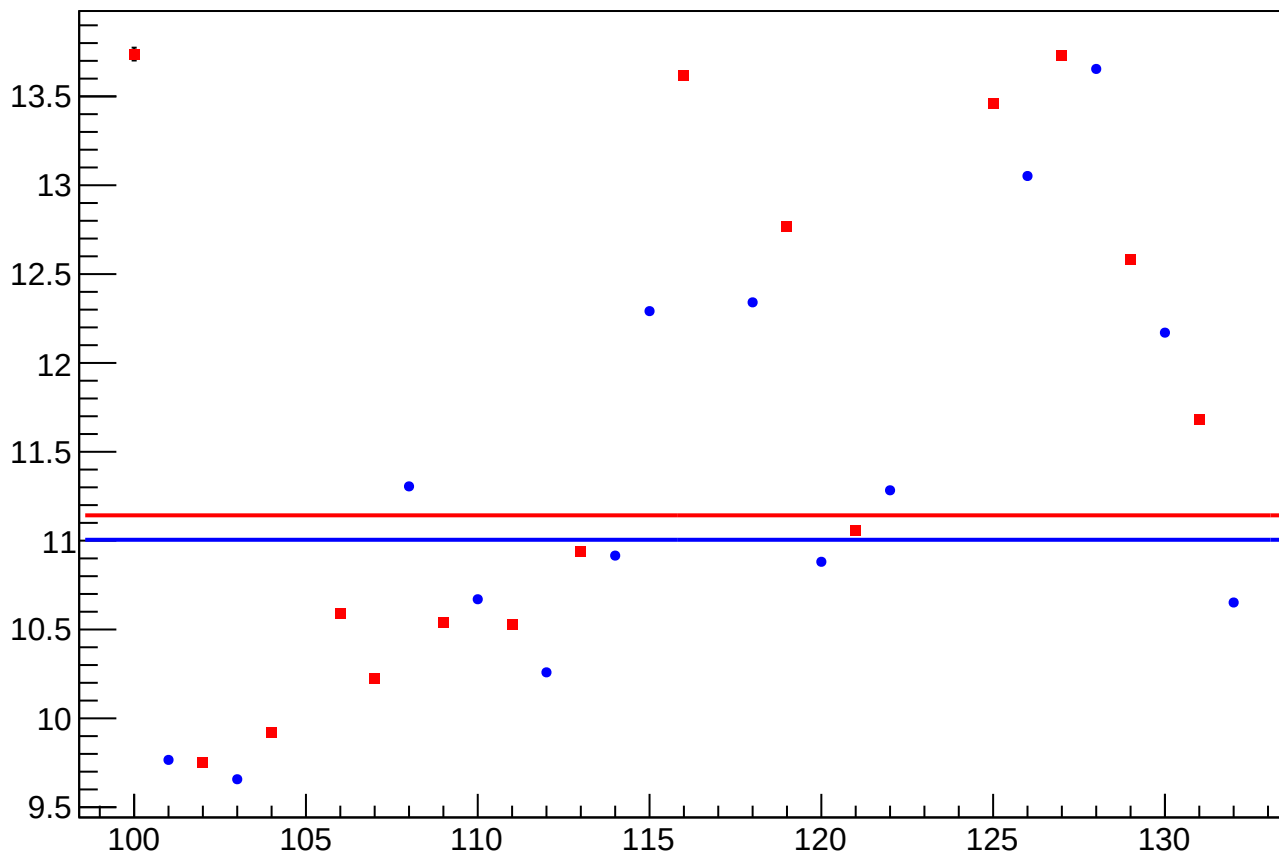
Right: 1.930 $\pm$ 3.215 χ^2/NDF : 36.3/28

In: -5.684 $\pm$ 4.554 χ^2/NDF : 11.6/13

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1.930 $\pm$ 3.215 χ^2/NDF : 36.3/28

asym_bcm_an_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 11.005+/-0.003 χ^2/NDF : 135210.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.142+/-0.003 χ^2/NDF : 160091.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

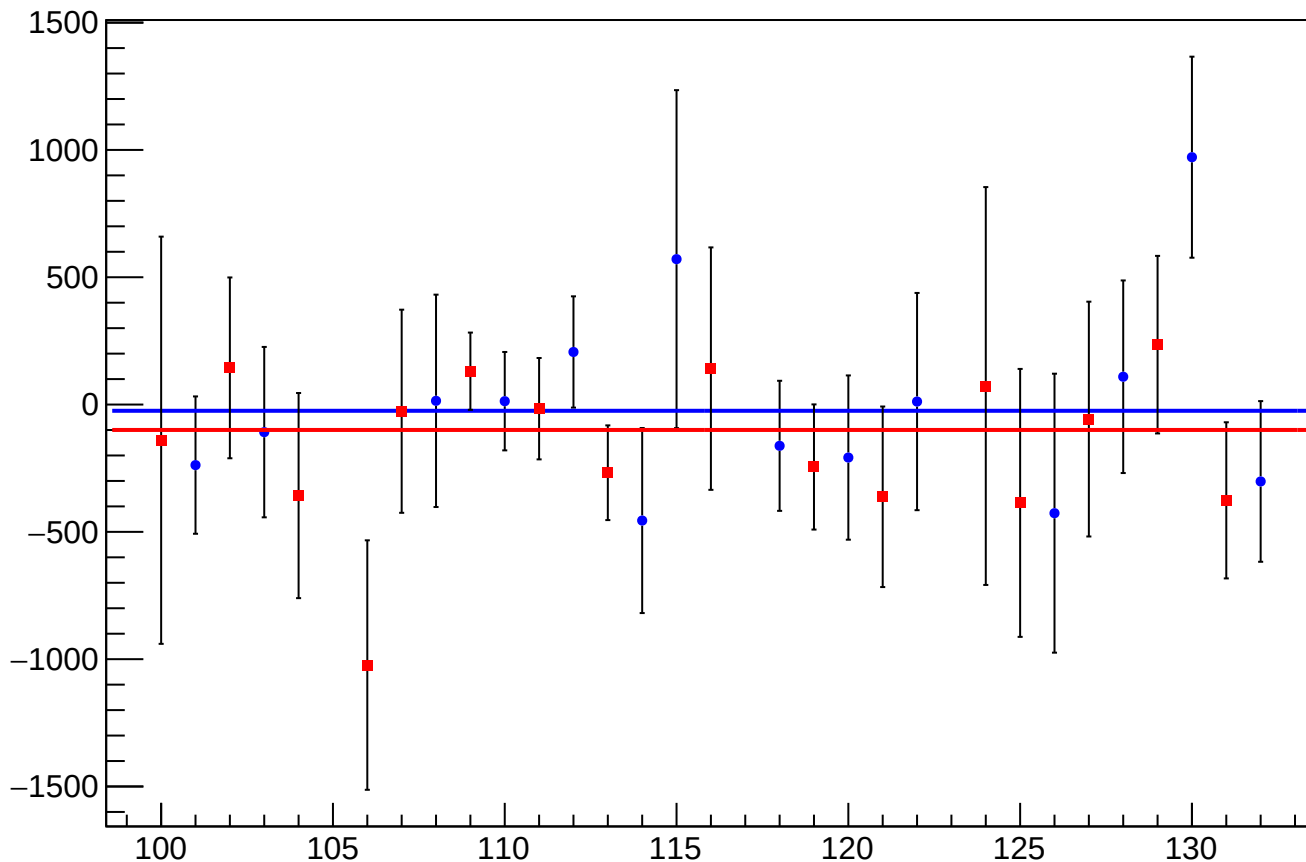
Right: 11.074+/-0.002 χ^2/NDF : 296217.2/28

In: 11.005+/-0.003 χ^2/NDF : 135210.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.074+/-0.002 χ^2/NDF : 296217.2/28

asym_bcm_an_us_an_ds3_avg_mean vs Slug, Sign Corrected



Right In: -24.484 ± 83.562 χ^2/NDF : 12.5/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -99.765 ± 74.241 χ^2/NDF : 11.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

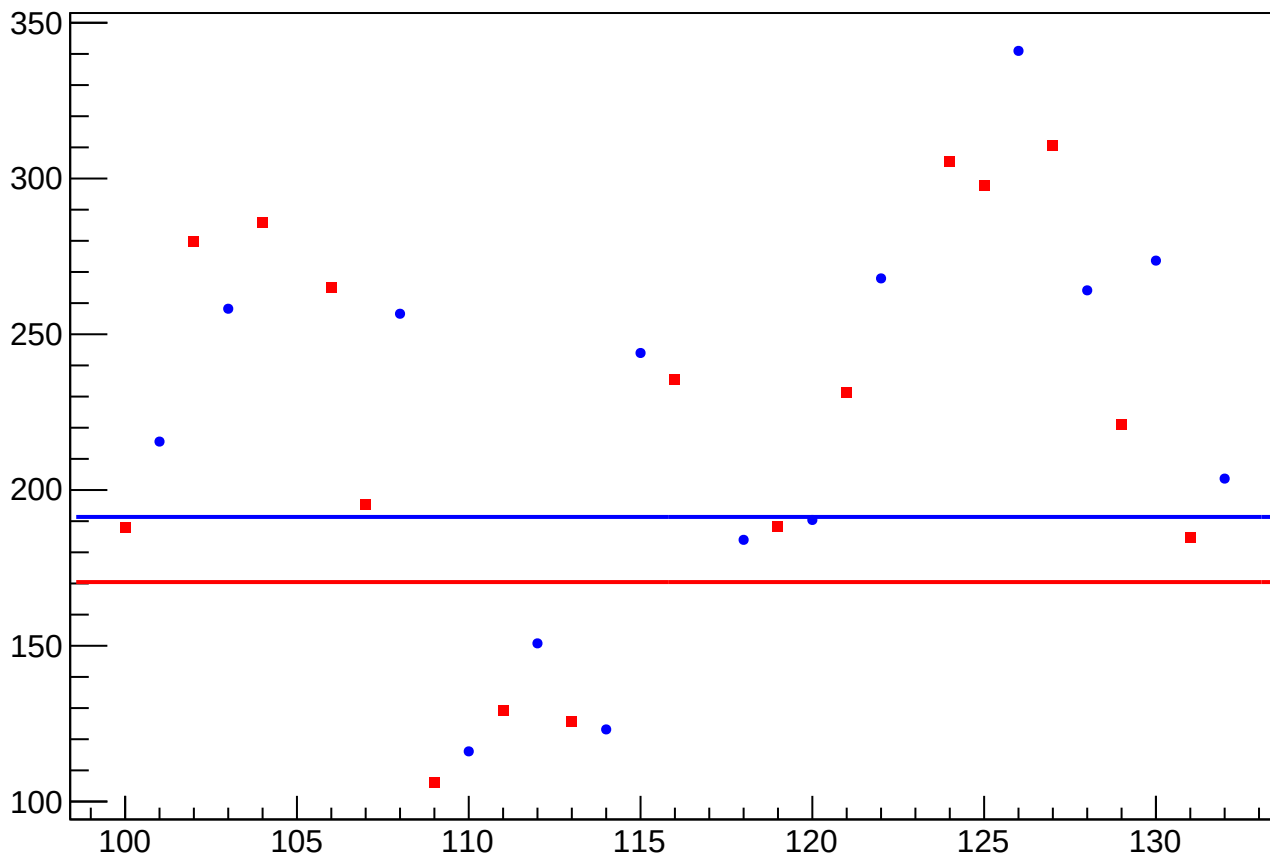
Right: -66.556 ± 55.500 χ^2/NDF : 24.0/29

In: -24.484 ± 83.562 χ^2/NDF : 12.5/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -66.556 ± 55.500 χ^2/NDF : 24.0/29

asym_bcm_an_us_an_ds3_avg_rms vs Slug, Sign Corrected



Right In: 191.361+/-0.059 χ^2/NDF : 979480.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 170.452+/-0.052 χ^2/NDF : 1512150.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

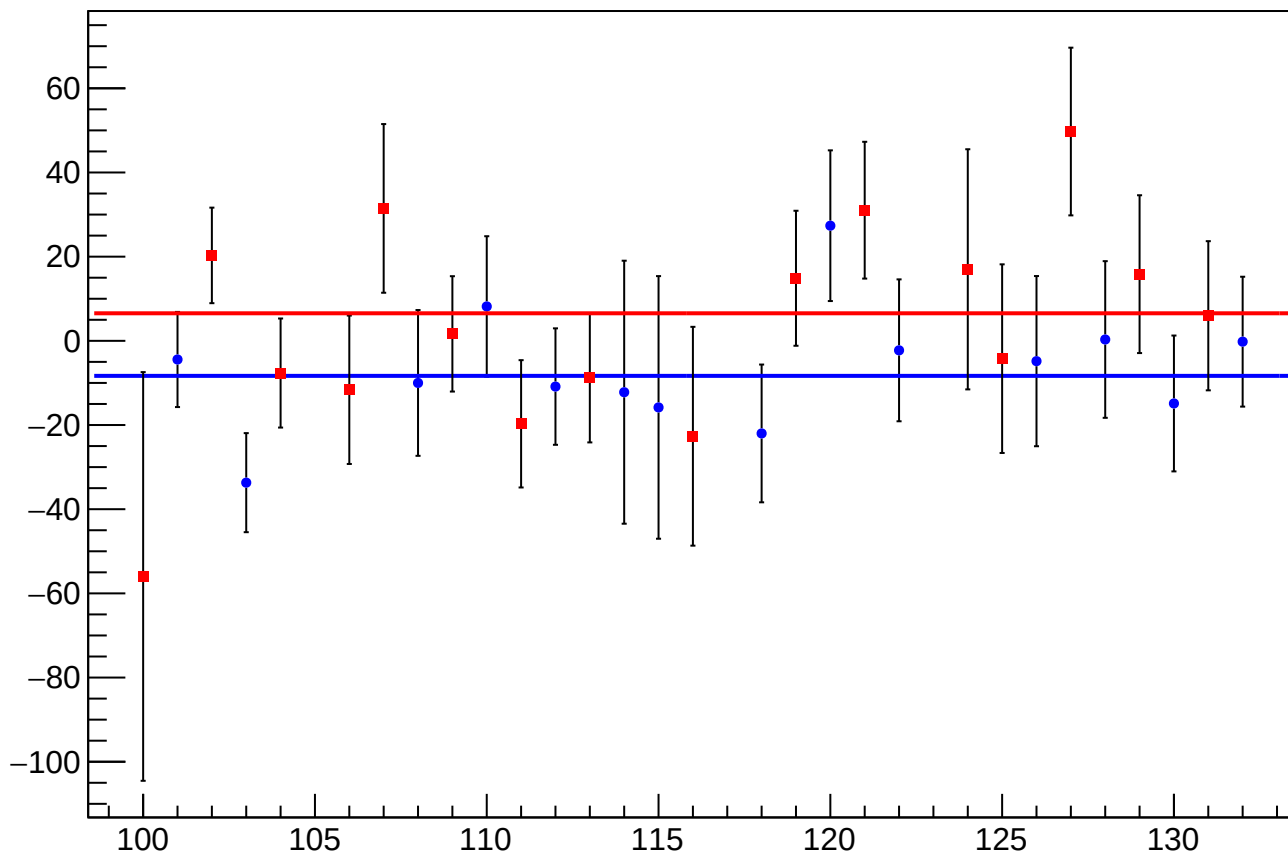
Right: 179.675+/-0.039 χ^2/NDF : 2561612.8/29

In: 191.361+/-0.059 χ^2/NDF : 979480.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.675+/-0.039 χ^2/NDF : 2561612.8/29

asym_bcm_an_us_an_ds3_dd_mean vs Slug, Sign Corrected



Right In: -8.321+/-4.344 χ^2/NDF : 11.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.546+/-4.275 χ^2/NDF : 20.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

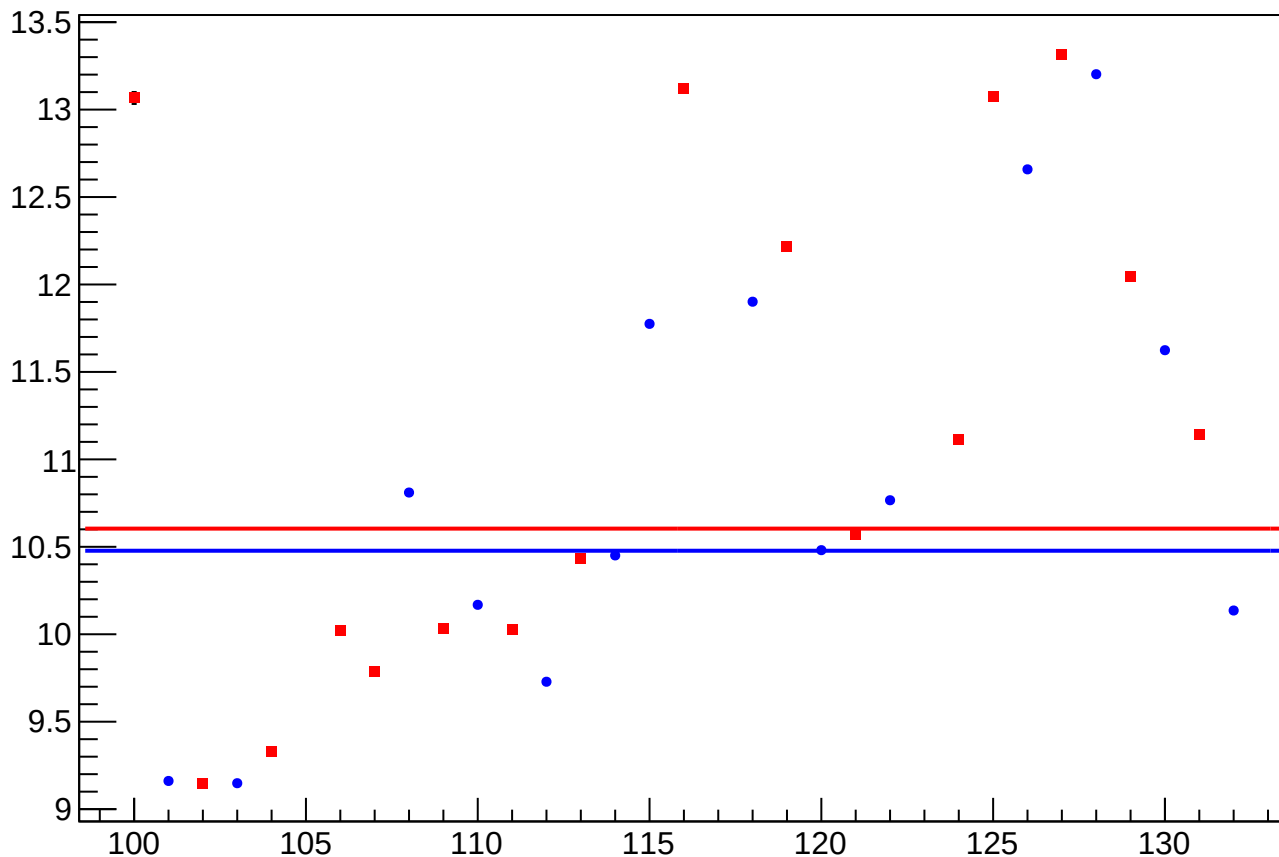
Right: -0.769+/-3.047 χ^2/NDF : 37.5/29

In: -8.321+/-4.344 χ^2/NDF : 11.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.769+/-3.047 χ^2/NDF : 37.5/29

asym_bcm_an_us_an_ds3_dd_rms vs Slug, Sign Corrected



Right In: 10.478+/-0.003 χ^2/NDF : 156342.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.604+/-0.003 χ^2/NDF : 184282.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

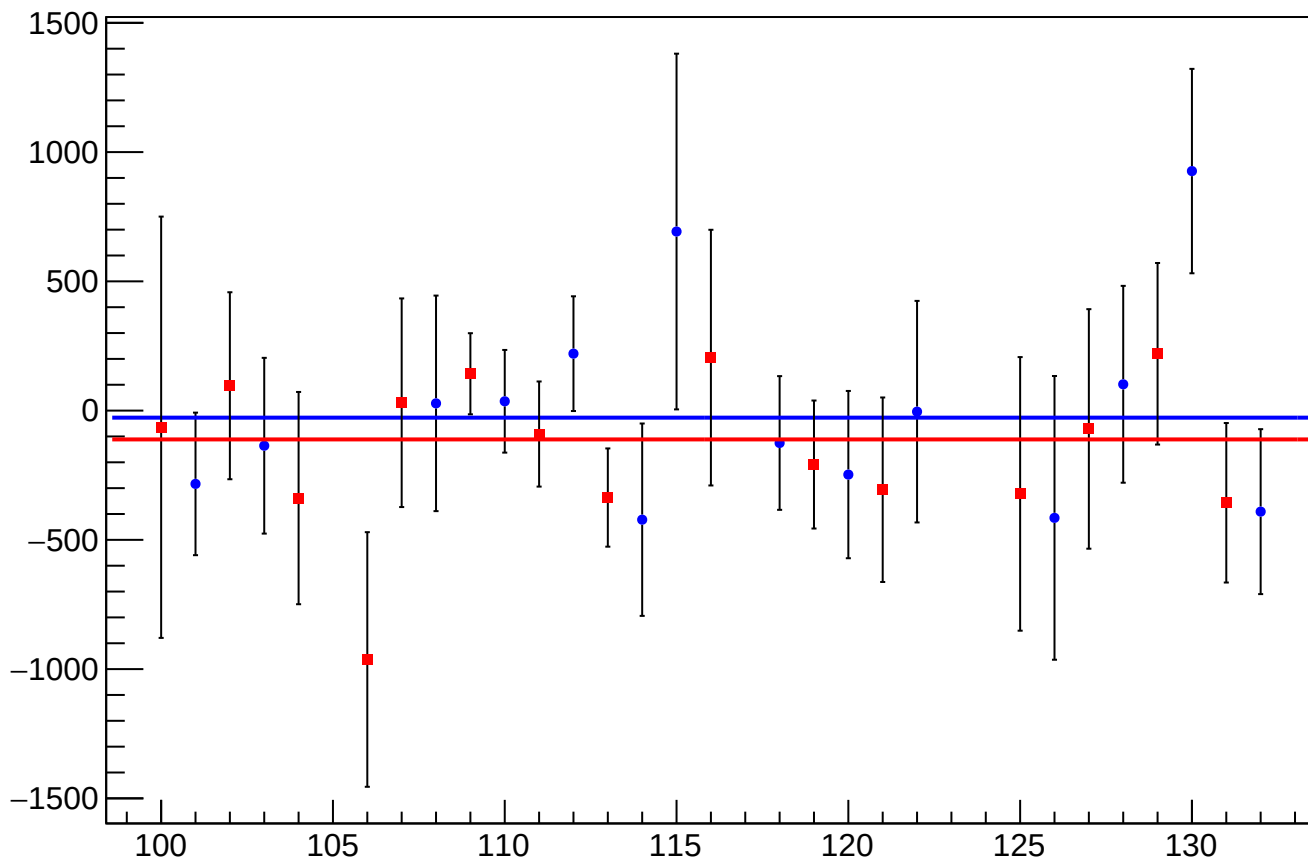
Right: 10.542+/-0.002 χ^2/NDF : 341487.0/29

In: 10.478+/-0.003 χ^2/NDF : 156342.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.542+/-0.002 χ^2/NDF : 341487.0/29

asym_bcm_dg_us_dg_ds_avg_mean vs Slug, Sign Corrected



Right In: -27.274 ± 84.833 χ^2/NDF : 12.9/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -111.478 ± 76.037 χ^2/NDF : 10.3/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

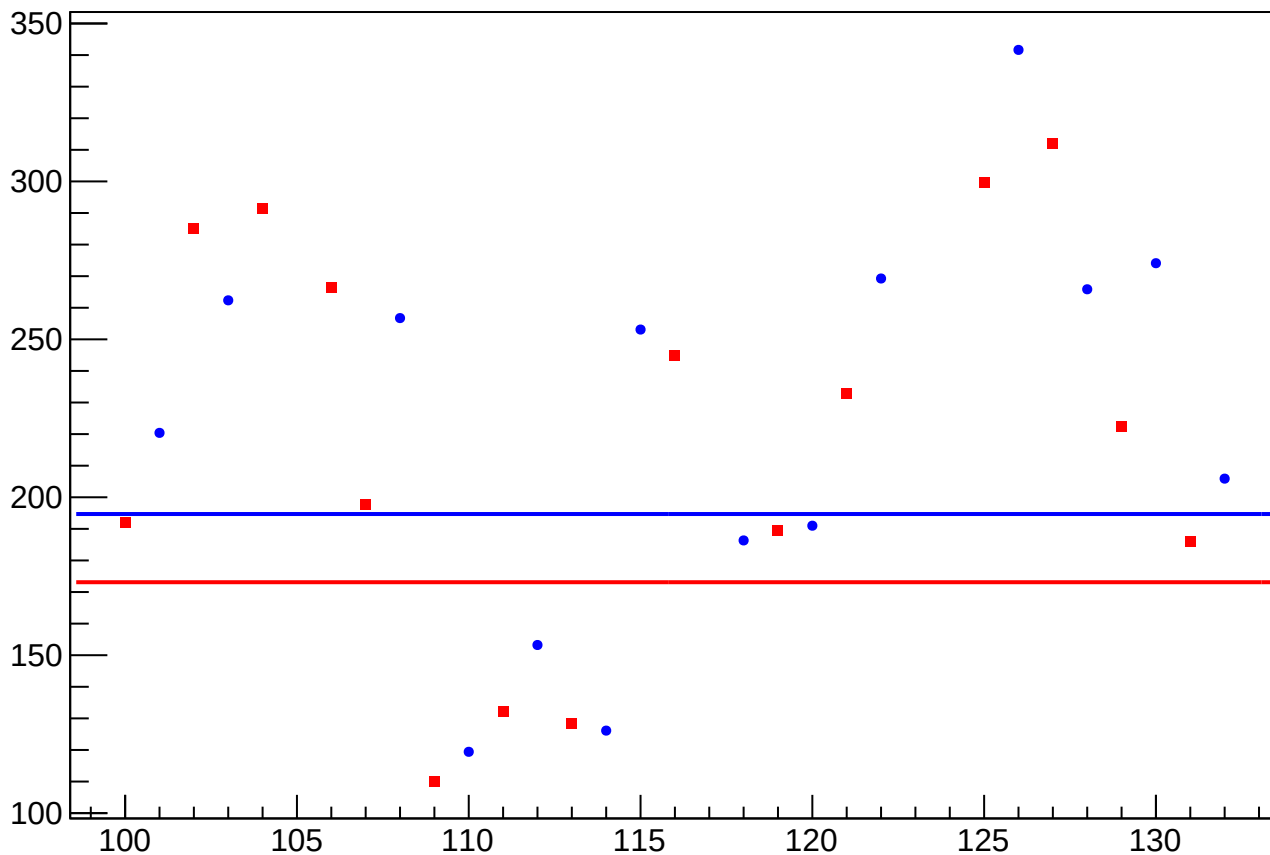
Right: -73.967 ± 56.621 χ^2/NDF : 23.8/28

In: -27.274 ± 84.833 χ^2/NDF : 12.9/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -73.967 ± 56.621 χ^2/NDF : 23.8/28

asym_bcm_dg_us_dg_ds_avg_rms vs Slug, Sign Corrected



Right In: 194.698+/-0.060 χ^2/NDF : 939772.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 173.108+/-0.054 χ^2/NDF : 1396732.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

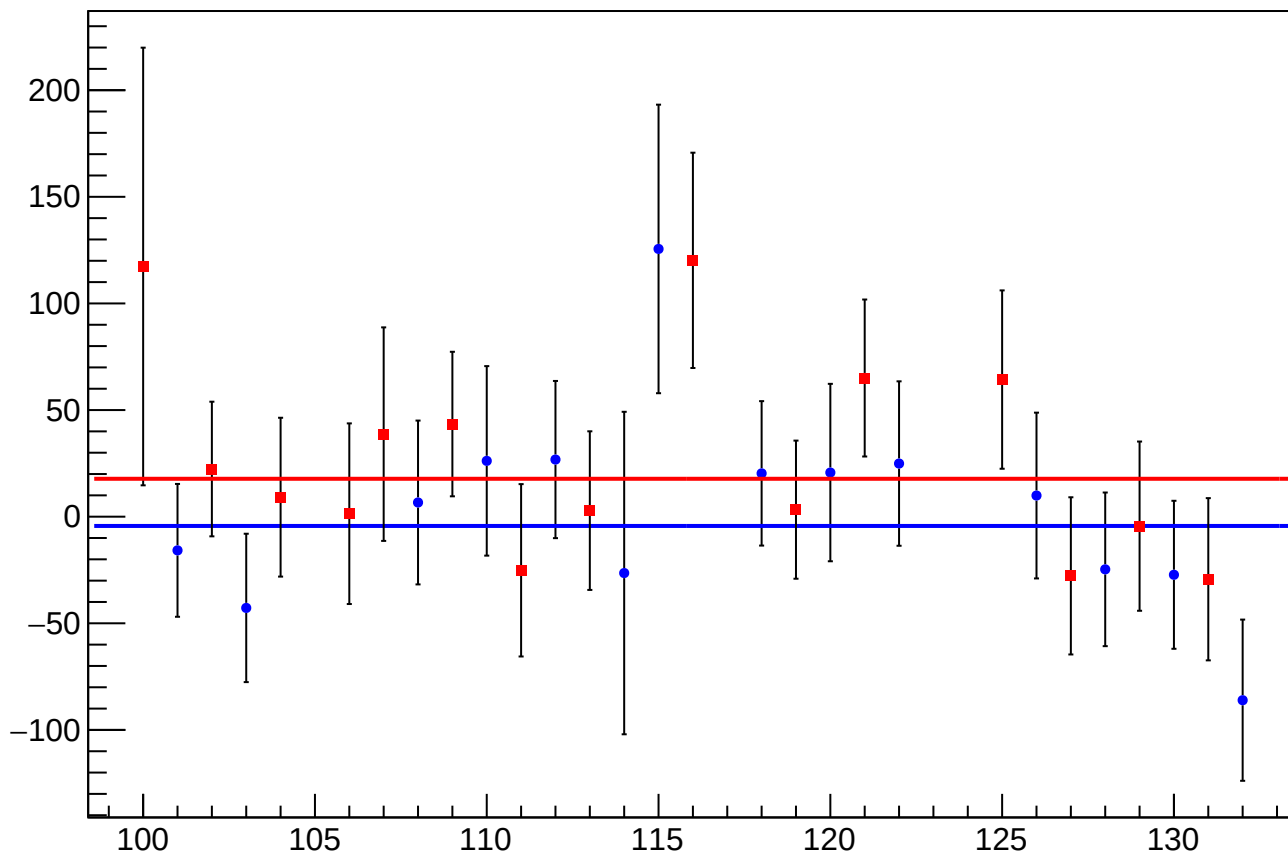
Right: 182.726+/-0.040 χ^2/NDF : 2408334.9/28

In: 194.698+/-0.060 χ^2/NDF : 939772.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.726+/-0.040 χ^2/NDF : 2408334.9/28

asym_bcm_dg_us_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: -4.350 ± 10.394 $\chi^2/\text{NDF}: 13.4/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 17.773 ± 10.154 $\chi^2/\text{NDF}: 13.8/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

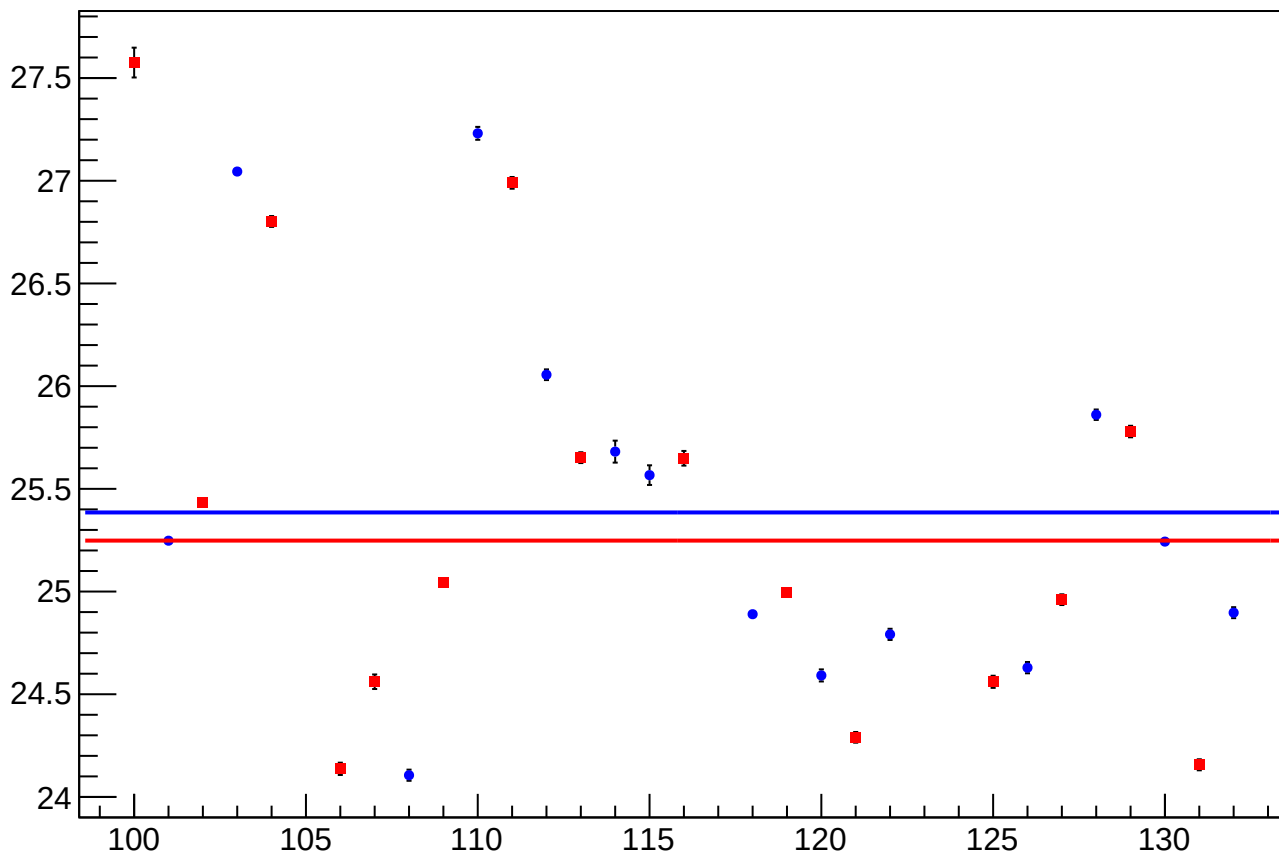
Right: 6.971 ± 7.263 $\chi^2/\text{NDF}: 29.5/28$

In: -4.350 ± 10.394 $\chi^2/\text{NDF}: 13.4/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 6.971 ± 7.263 $\chi^2/\text{NDF}: 29.5/28$

asym_bcm_dg_us_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 25.385+/-0.007 χ^2/NDF : 14068.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 25.248+/-0.007 χ^2/NDF : 14624.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

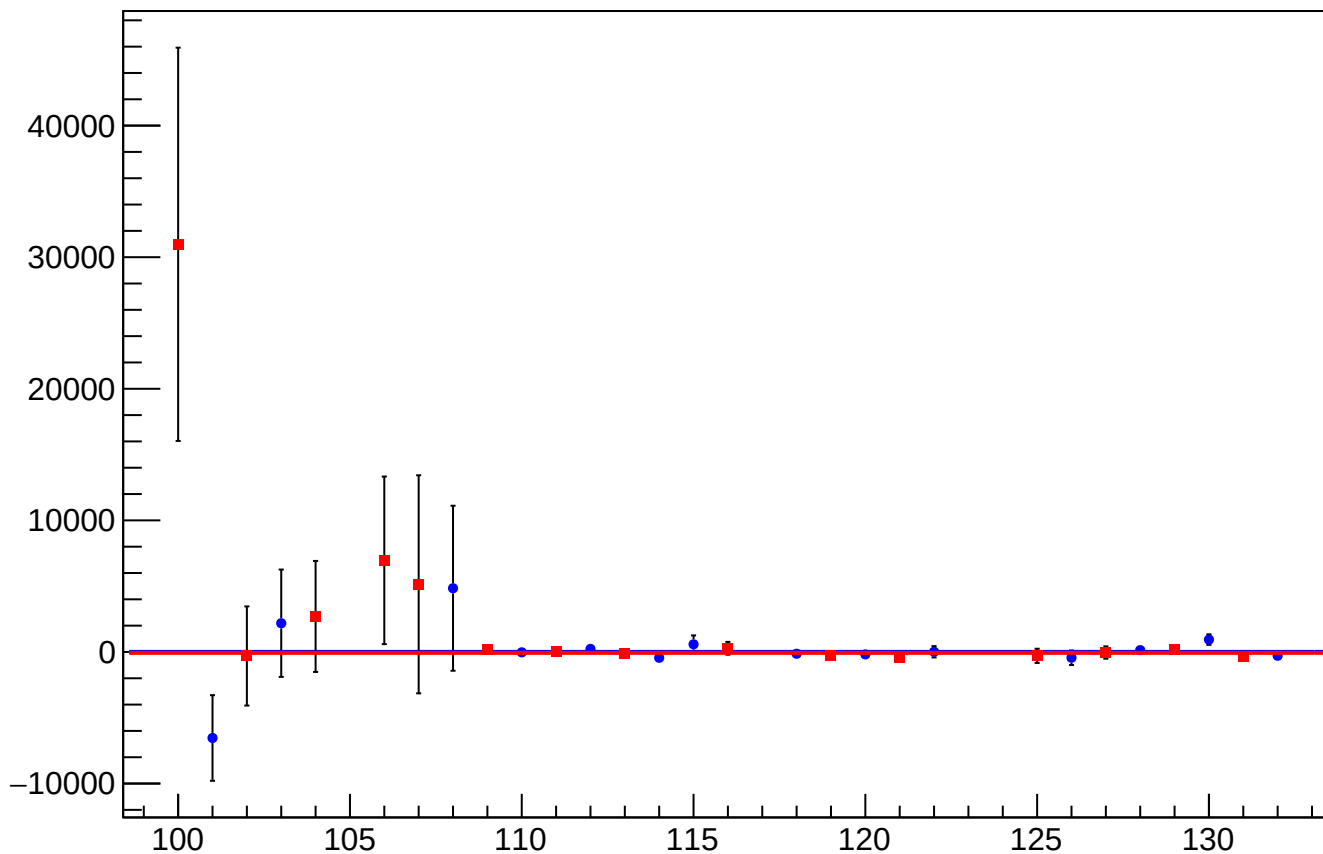
Right: 25.315+/-0.005 χ^2/NDF : 28869.9/28

In: 25.385+/-0.007 χ^2/NDF :14068.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 25.315+/-0.005 χ^2/NDF : 28869.9/28

asym_bcm_cav4cQ_an_ds_avg_mean vs Slug, Sign Corrected



Right In: 5.153+/-93.981 χ^2/NDF : 16.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -69.274+/-87.294 χ^2/NDF : 11.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

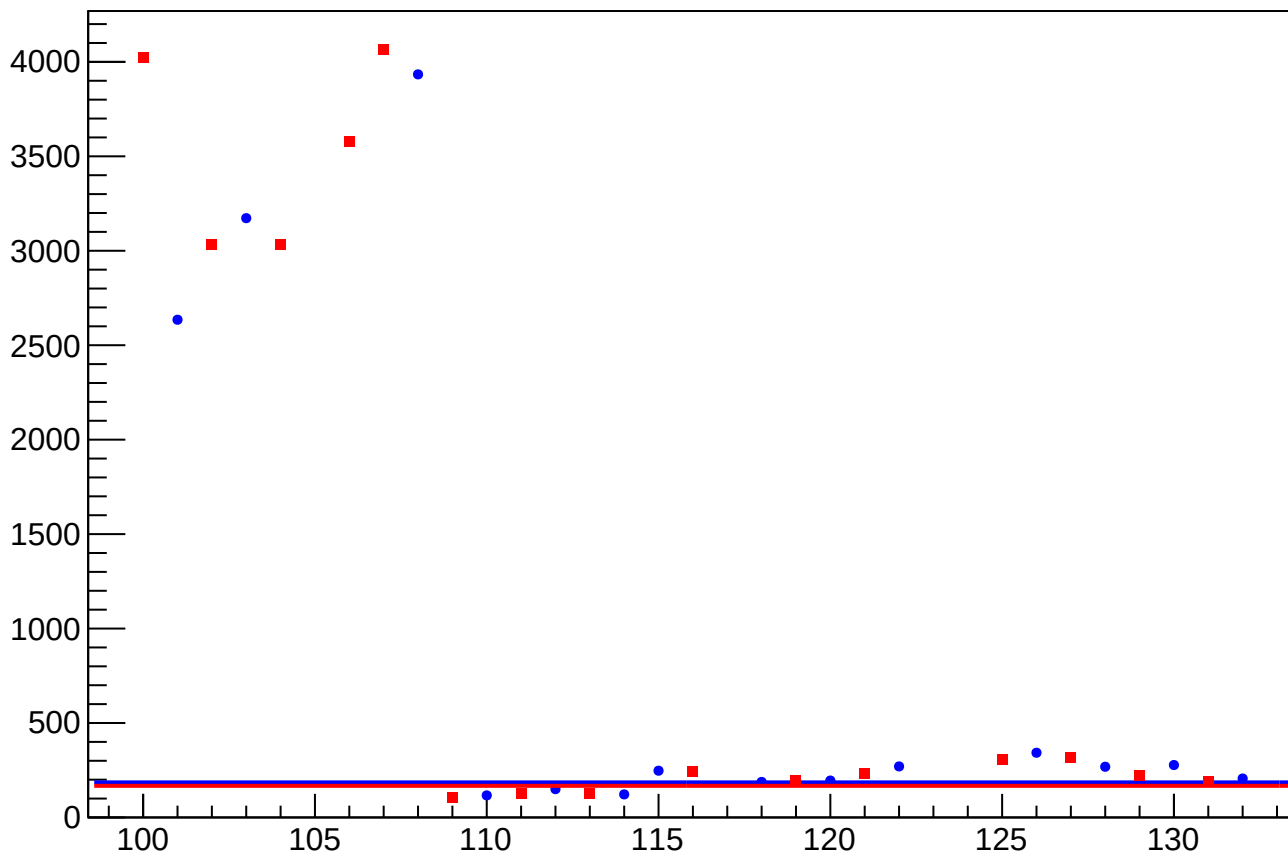
Right: -34.802+/-63.959 χ^2/NDF : 28.3/28

In: 5.153+/-93.981 χ^2/NDF : 16.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.802+/-63.959 χ^2/NDF : 28.3/28

asym_bcm_cav4cQ_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 185.676+/-0.066 χ^2/NDF : 3753244.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.438+/-0.062 χ^2/NDF : 4107327.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

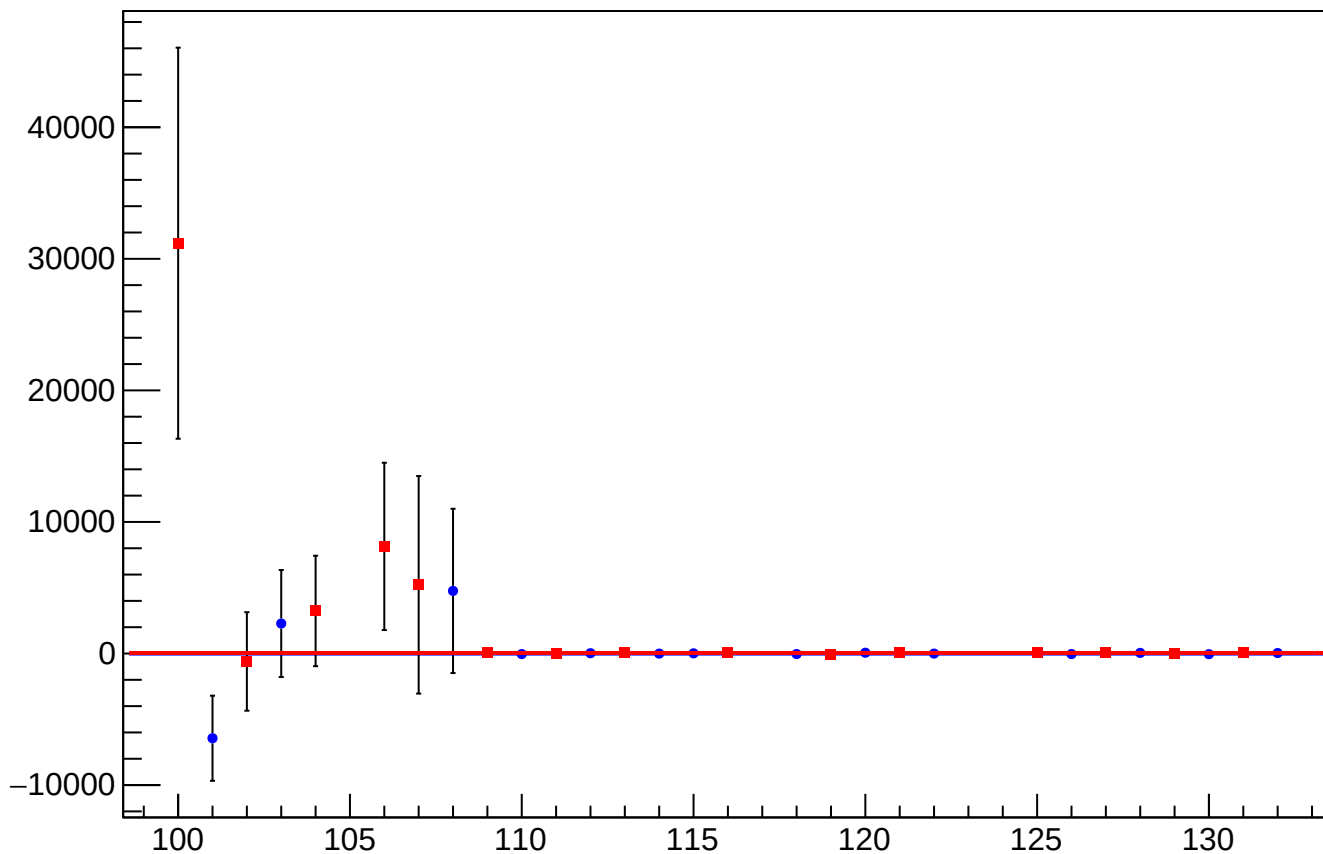
Right: 175.885+/-0.045 χ^2/NDF : 7901006.9/28

In: 185.676+/-0.066 χ^2/NDF : 3753244.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.885+/-0.045 χ^2/NDF : 7901006.9/28

asym_bcm_cav4cQ_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -3.431+/-13.436 χ^2/NDF : 13.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.666+/-13.792 χ^2/NDF : 16.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

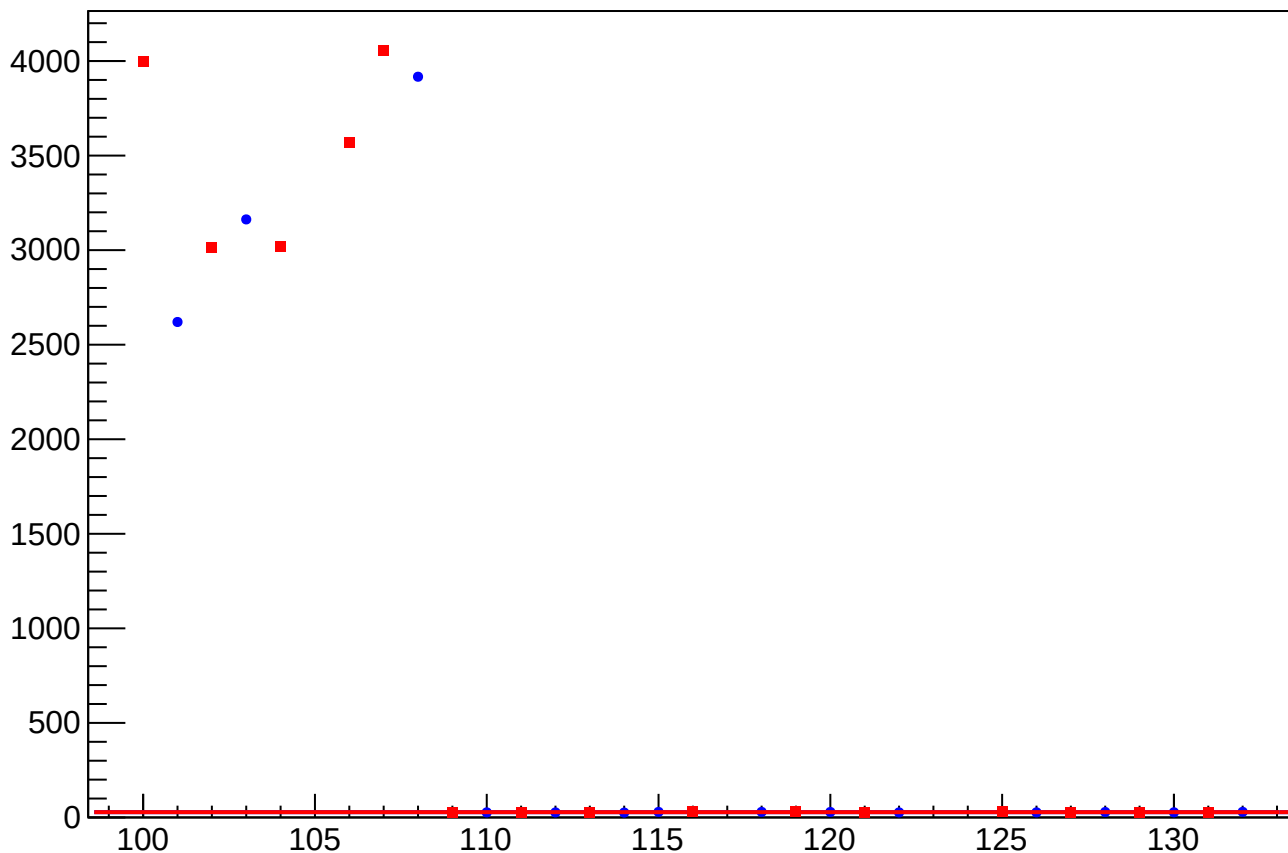
Right: 18.042+/-9.624 χ^2/NDF : 35.4/28

In: -3.431+/-13.436 χ^2/NDF : 13.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.042+/-9.624 χ^2/NDF : 35.4/28

asym_bcm_cav4cQ_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 27.956+/-0.010 χ^2/NDF : 3264492.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.000+/-0.010 χ^2/NDF : 3554758.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

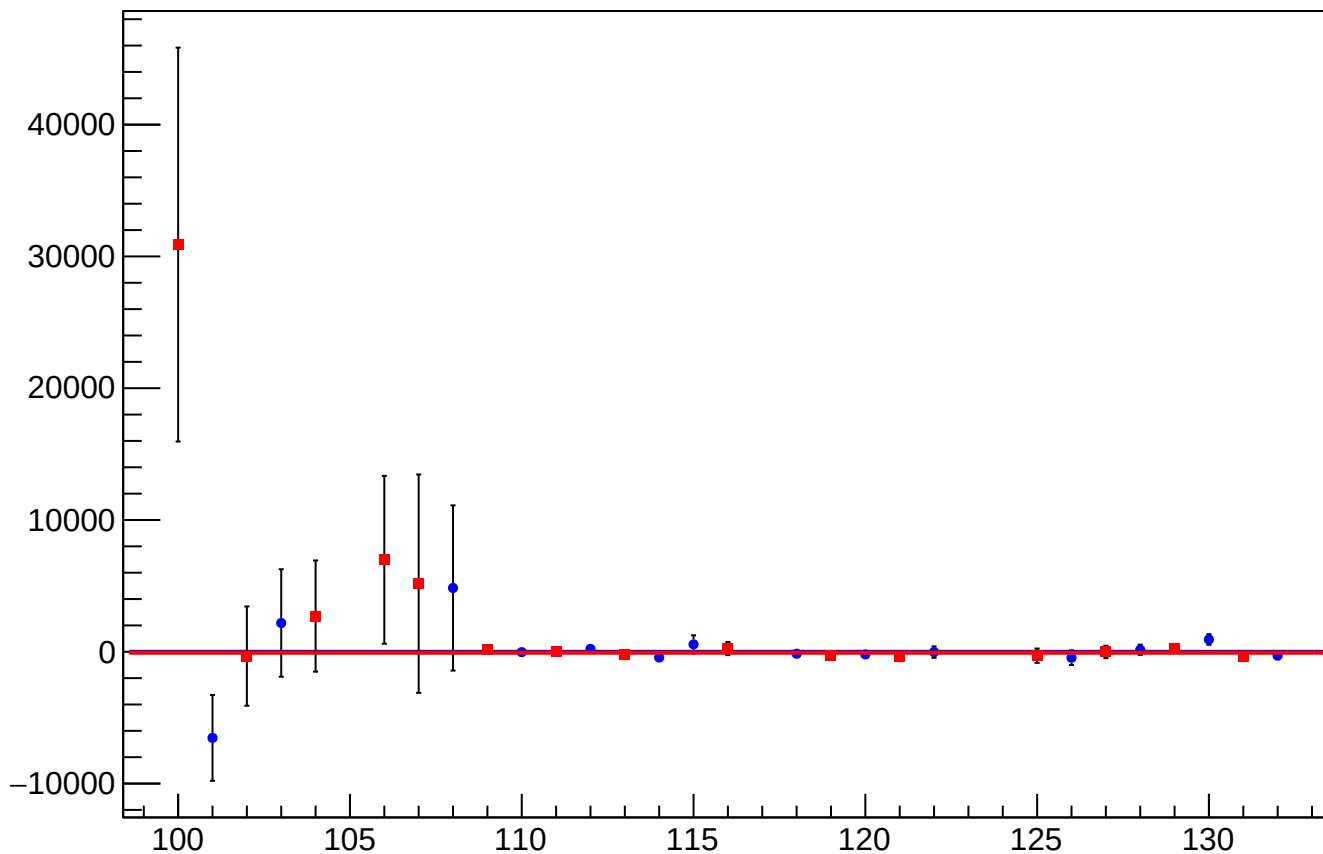
Right: 27.978+/-0.007 χ^2/NDF : 6819261.4/28

In: 27.956+/-0.010 χ^2/NDF : 3264492.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.978+/-0.007 χ^2/NDF : 6819261.4/28

asym_bcm_cav4cQ_dg_ds_avg_mean vs Slug, Sign Corrected



Right In: -2.001+/-94.690 χ^2/NDF : 15.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -76.709+/-88.059 χ^2/NDF : 11.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

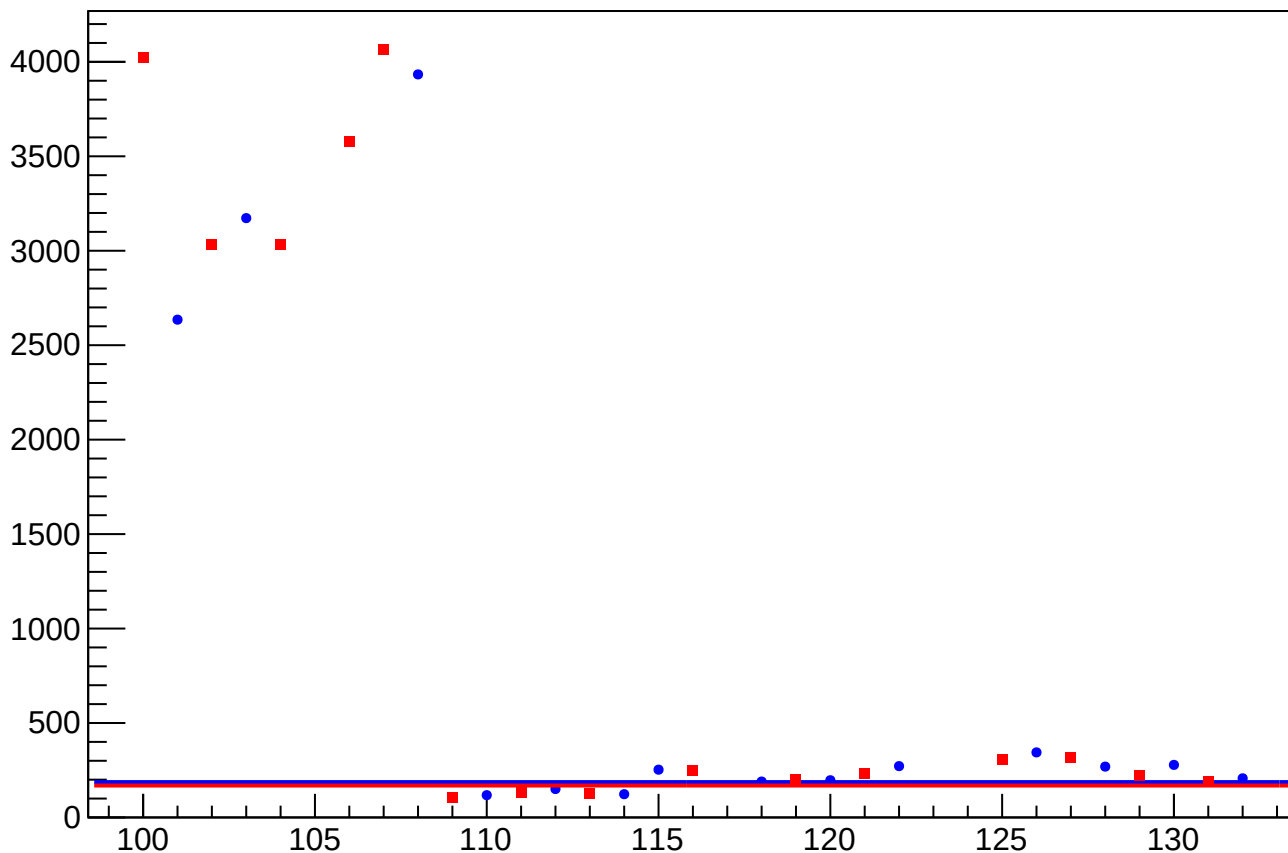
Right: -42.062+/-64.484 χ^2/NDF : 27.7/28

In: -2.001+/-94.690 χ^2/NDF : 15.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.062+/-64.484 χ^2/NDF : 27.7/28

asym_bcm_cav4cQ_dg_ds_avg_rms vs Slug, Sign Corrected



Right In: 187.204+/-0.067 χ^2/NDF : 3743378.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 169.027+/-0.062 χ^2/NDF : 4100975.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

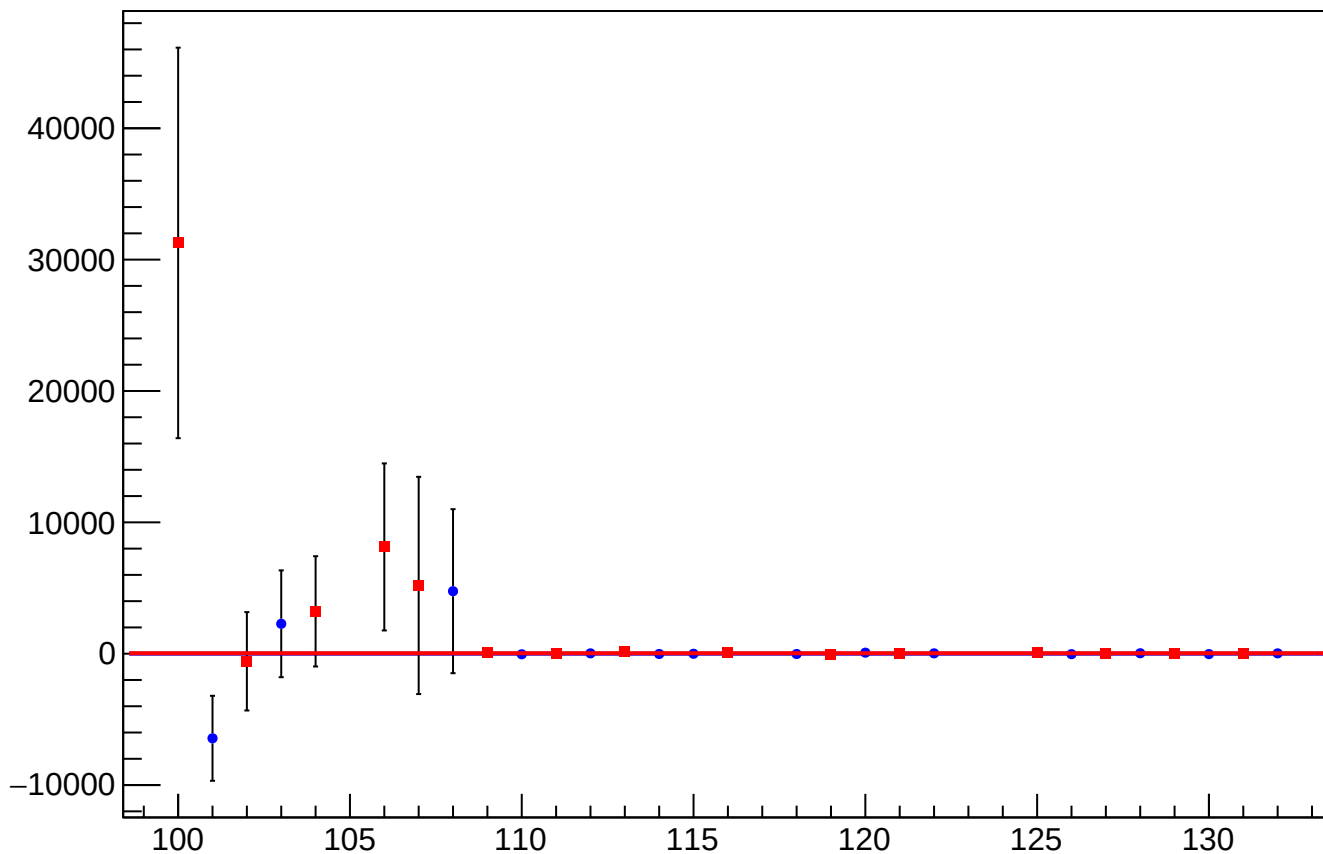
Right: 177.457+/-0.046 χ^2/NDF : 7883877.6/28

In: 187.204+/-0.067 χ^2/NDF :3743378.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 177.457+/-0.046 χ^2/NDF : 7883877.6/28

asym_bcm_cav4cQ_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: 3.912+/-14.924 χ^2/NDF : 10.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.808+/-15.246 χ^2/NDF : 21.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

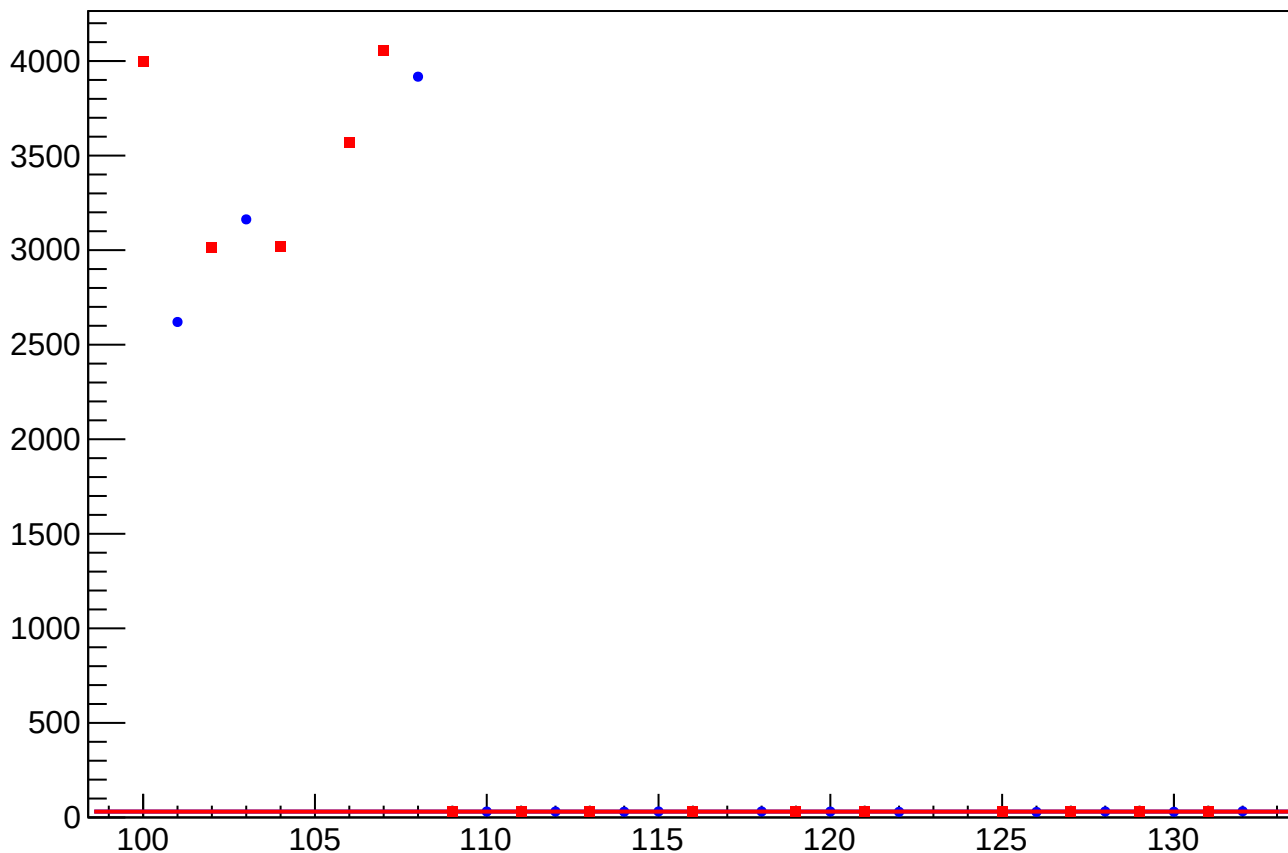
Right: 19.030+/-10.665 χ^2/NDF : 34.0/28

In: 3.912+/-14.924 χ^2/NDF : 10.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.030+/-10.665 χ^2/NDF : 34.0/28

asym_bcm_cav4cQ_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 31.091+/-0.011 χ^2/NDF : 3251310.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.007+/-0.011 χ^2/NDF : 3532635.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

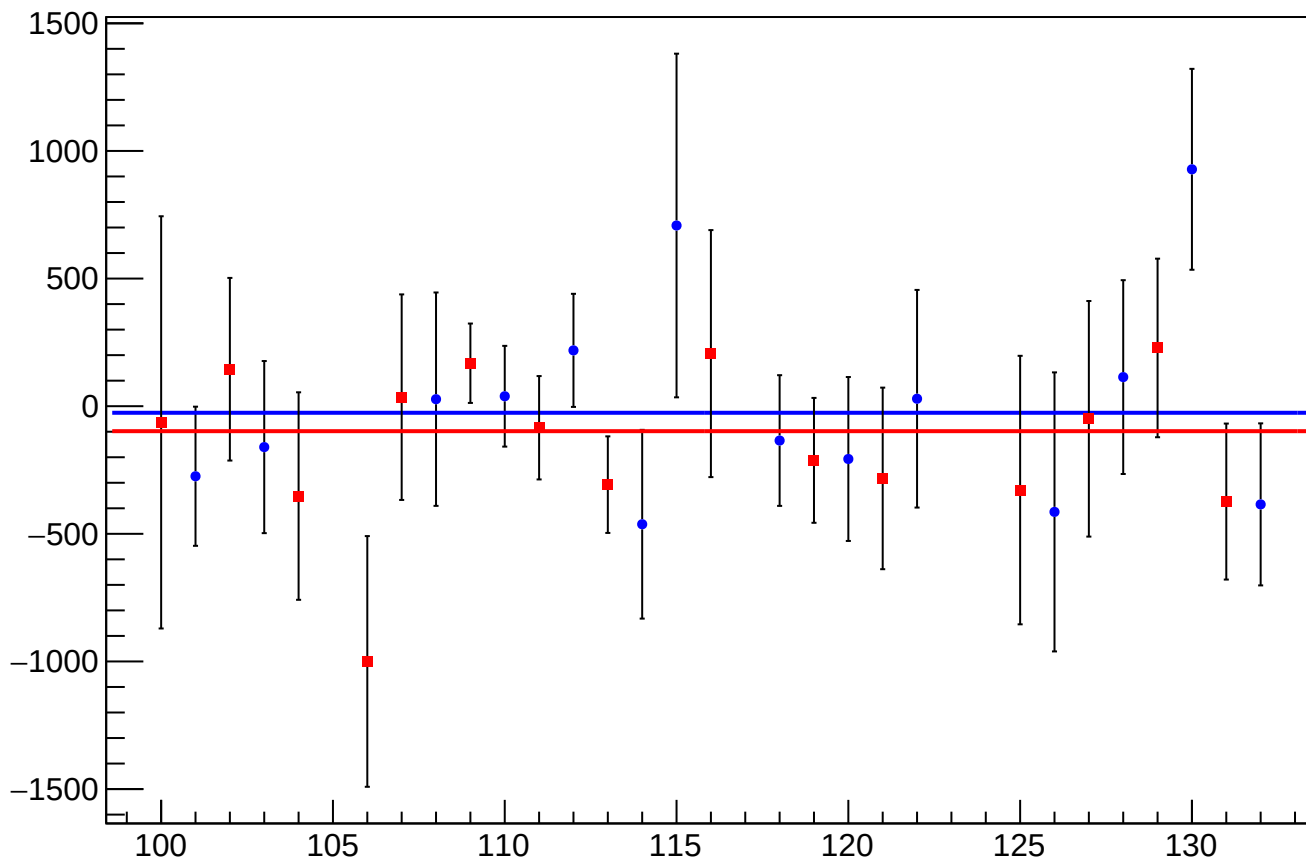
Right: 31.050+/-0.008 χ^2/NDF : 6783976.5/28

In: 31.091+/-0.011 χ^2/NDF : 3251310.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.050+/-0.008 χ^2/NDF : 6783976.5/28

asym_bcm_dg_us_an_us_avg_mean vs Slug, Sign Corrected



Right In: -25.778 ± 84.312 χ^2/NDF : 13.2/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -97.856 ± 75.491 χ^2/NDF : 11.3/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

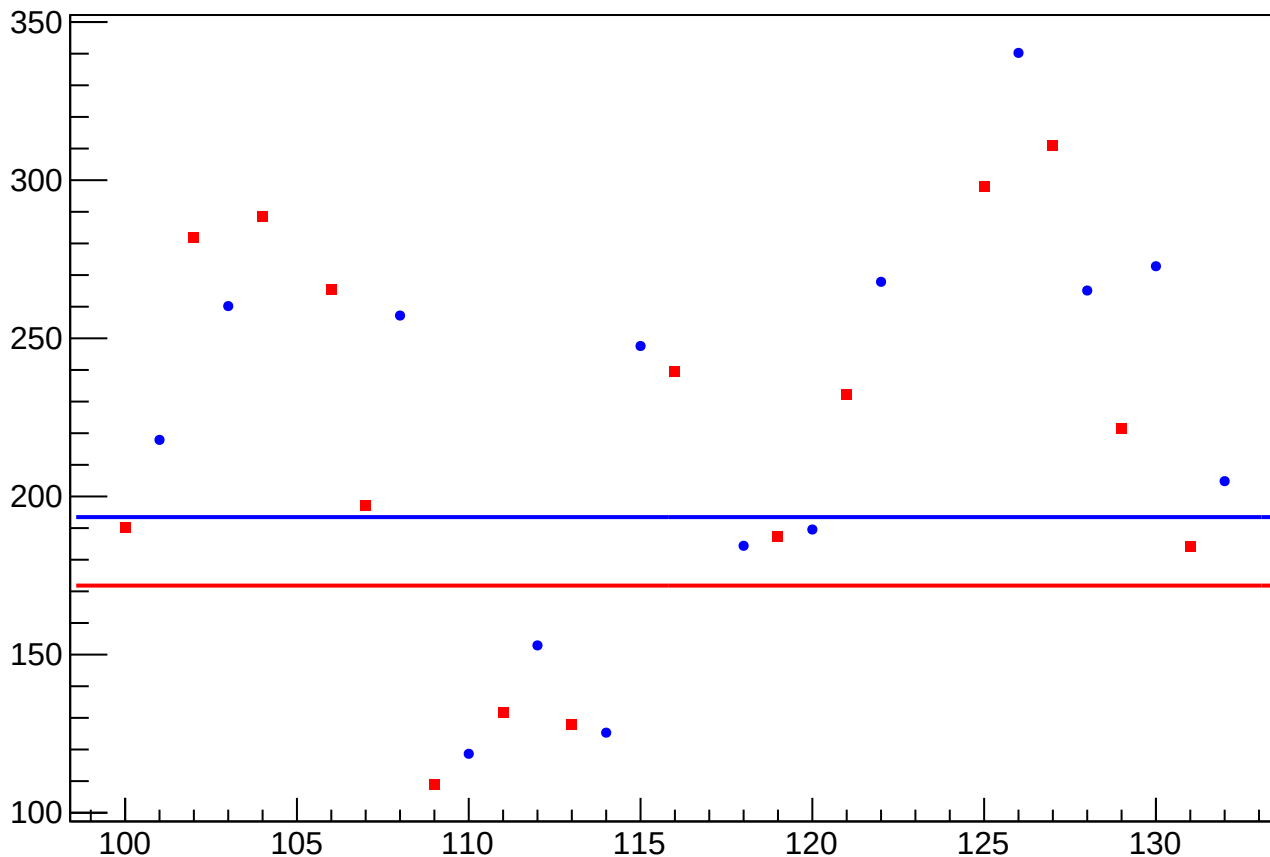
Right: -65.783 ± 56.241 χ^2/NDF : 24.9/28

In: -25.778 ± 84.312 χ^2/NDF : 13.2/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -65.783 ± 56.241 χ^2/NDF : 24.9/28

asym_bcm_dg_us_an_us_avg_rms vs Slug, Sign Corrected



Right In: 193.474+/-0.060 χ^2/NDF : 939271.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.826+/-0.053 χ^2/NDF : 1393953.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

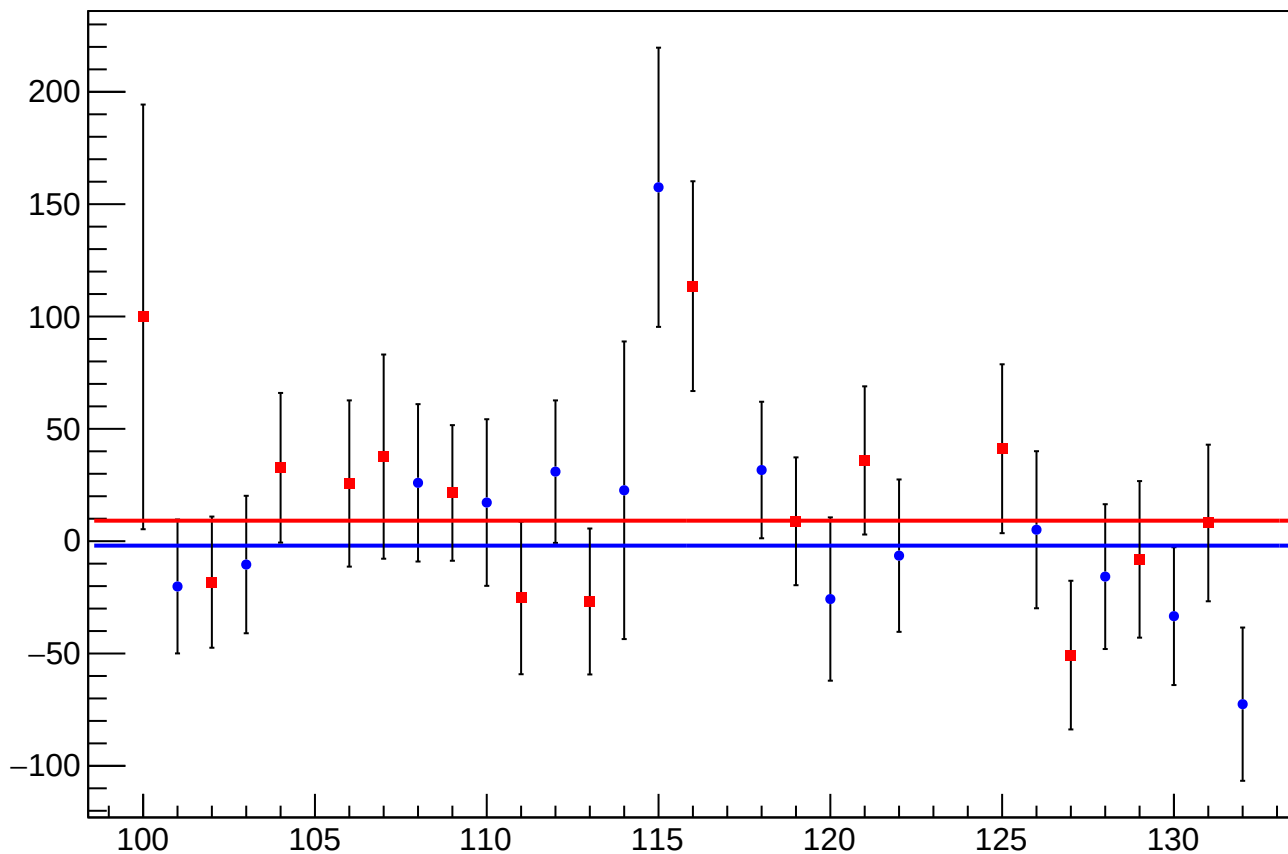
Right: 181.459+/-0.040 χ^2/NDF : 2406408.4/28

In: 193.474+/-0.060 χ^2/NDF : 939271.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.459+/-0.040 χ^2/NDF : 2406408.4/28

asym_bcm_dg_us_an_us_dd_mean vs Slug, Sign Corrected



Right In: -1.981 ± 9.272 χ^2/NDF : 16.4/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 9.124 ± 9.055 χ^2/NDF : 15.2/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

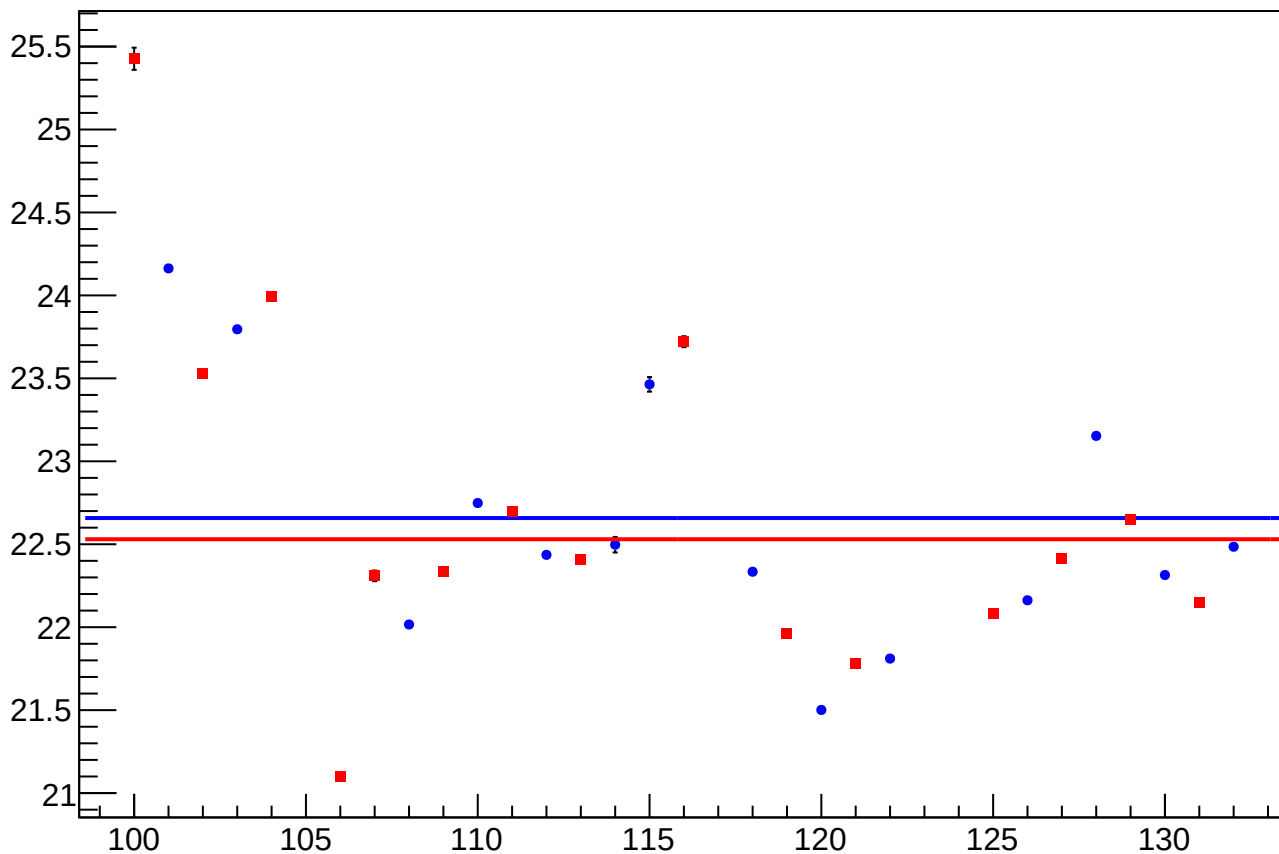
Right: 3.703 ± 6.478 χ^2/NDF : 32.3/28

In: -1.981 ± 9.272 χ^2/NDF : 16.4/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 3.703 ± 6.478 χ^2/NDF : 32.3/28

asym_bcm_dg_us_an_us_dd_rms vs Slug, Sign Corrected



Right In: 22.658+/-0.007 χ^2/NDF : 13675.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.530+/-0.006 χ^2/NDF : 14966.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

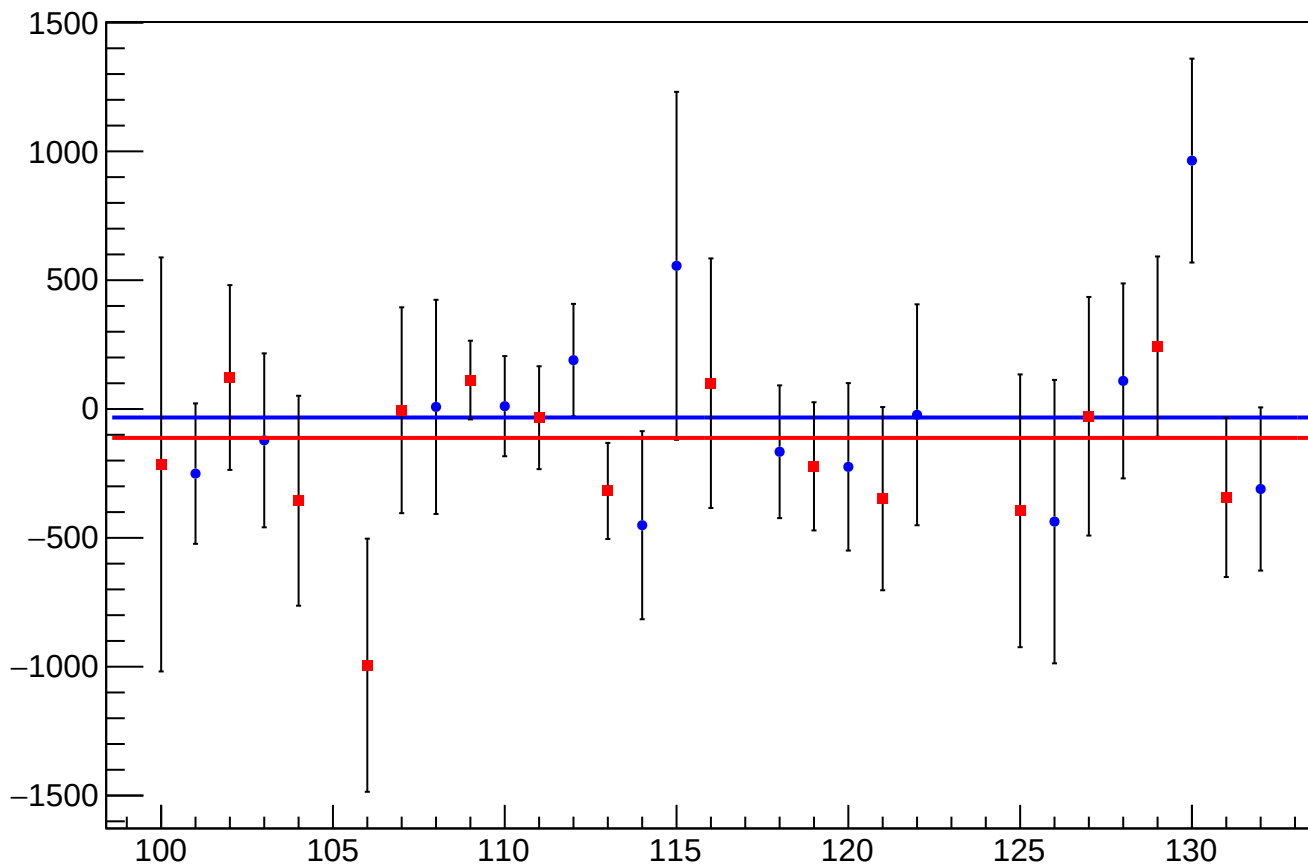
Right: 22.593+/-0.005 χ^2/NDF : 28836.6/28

In: 22.658+/-0.007 χ^2/NDF : 13675.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.593+/-0.005 χ^2/NDF : 28836.6/28

asym_bcm_dg_ds_an_us_avg_mean vs Slug, Sign Corrected



Right In: -32.841 ± 83.978 χ^2/NDF : 12.3/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -112.045 ± 75.004 χ^2/NDF : 10.4/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

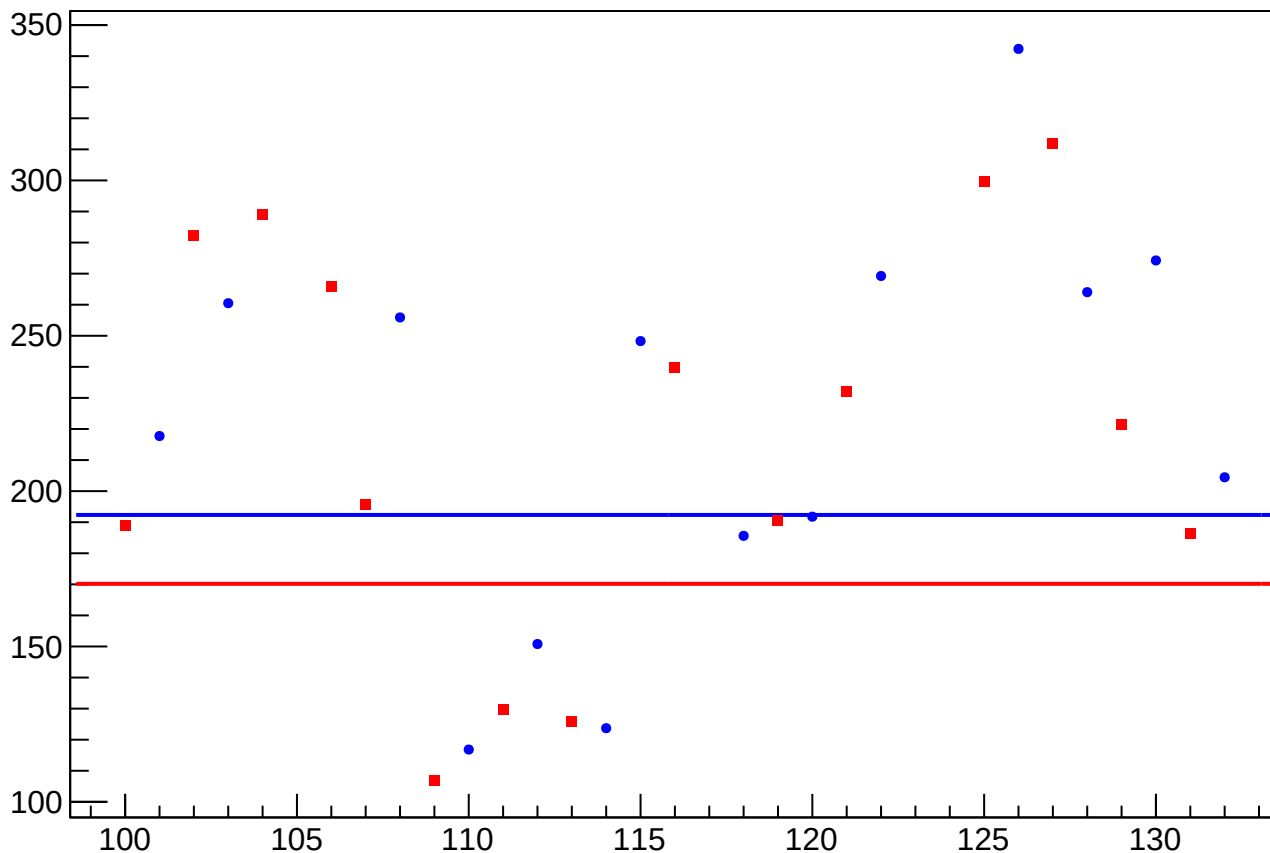
Right: -76.899 ± 55.940 χ^2/NDF : 23.2/28

In: -32.841 ± 83.978 χ^2/NDF : 12.3/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -76.899 ± 55.940 χ^2/NDF : 23.2/28

asym_bcm_dg_ds_an_us_avg_rms vs Slug, Sign Corrected



Right In: 192.336+/-0.059 χ^2/NDF : 979378.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 170.173+/-0.053 χ^2/NDF : 1460410.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

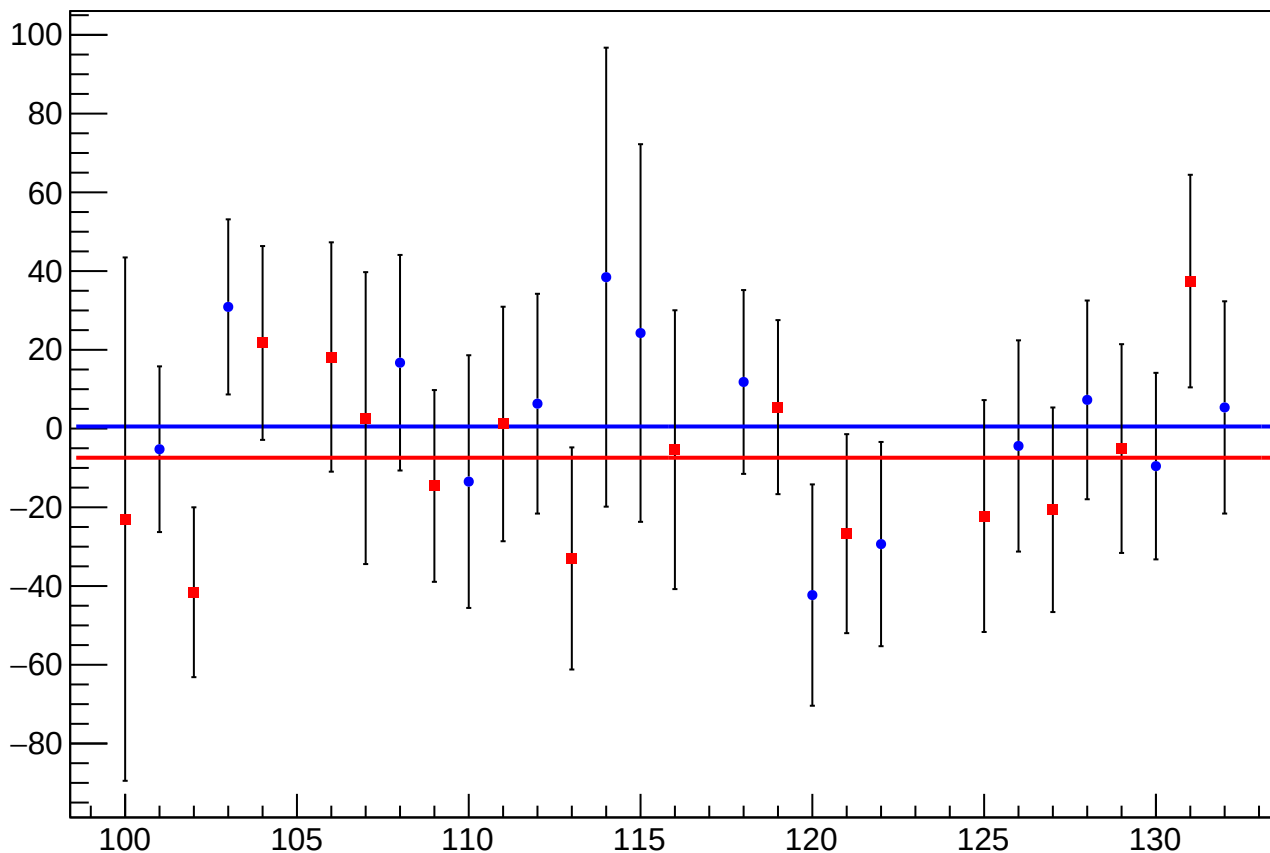
Right: 180.007+/-0.040 χ^2/NDF : 2517283.9/28

In: 192.336+/-0.059 χ^2/NDF : 979378.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.007+/-0.040 χ^2/NDF : 2517283.9/28

asym_bcm_dg_ds_an_us_dd_mean vs Slug, Sign Corrected



Right In: 0.524+/-7.198 χ^2/NDF : 7.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.409+/-7.100 χ^2/NDF : 10.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

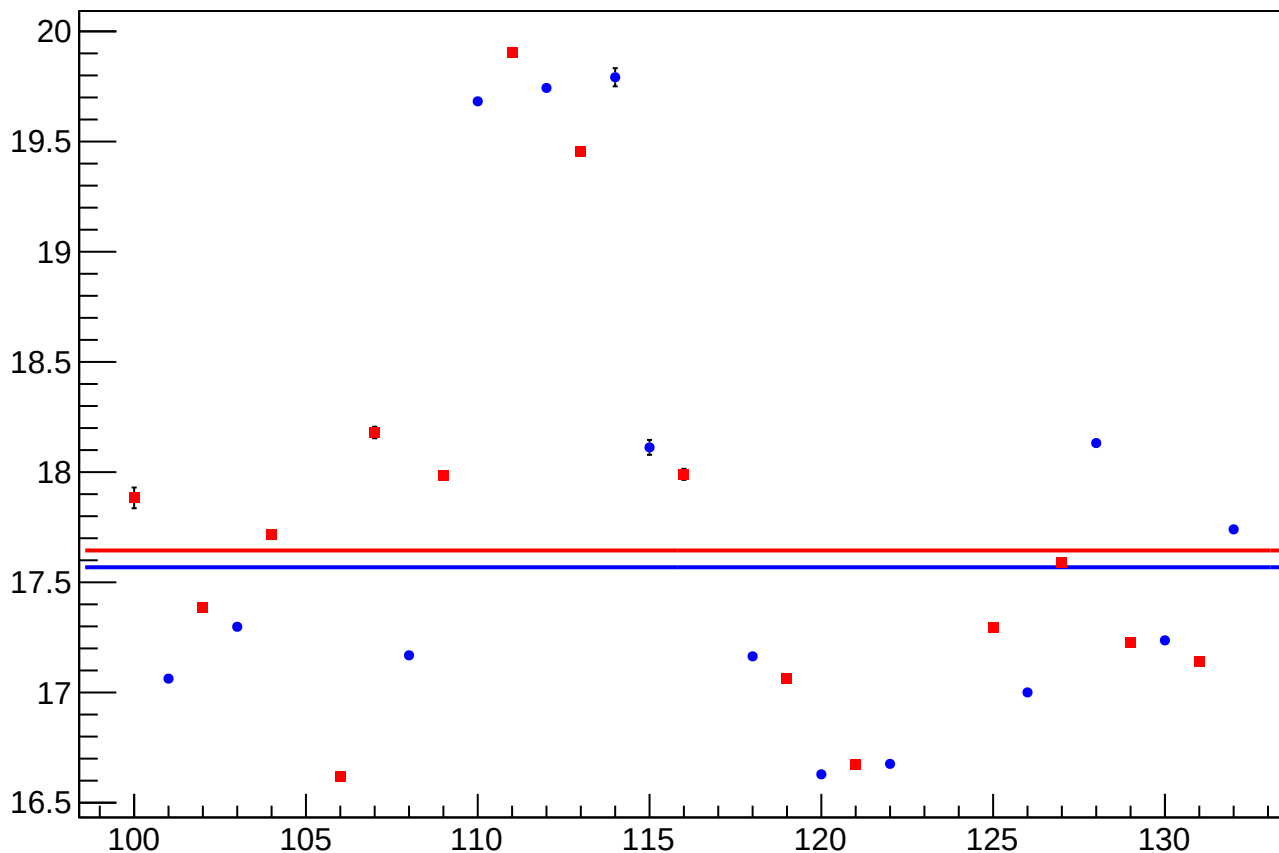
Right: -3.497+/-5.055 χ^2/NDF : 18.0/28

In: 0.524+/-7.198 χ^2/NDF : 7.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.497+/-5.055 χ^2/NDF : 18.0/28

asym_bcm_dg_ds_an_us_dd_rms vs Slug, Sign Corrected



Right In: 17.568+/-0.005 χ^2/NDF : 33427.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.645+/-0.005 χ^2/NDF : 29362.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

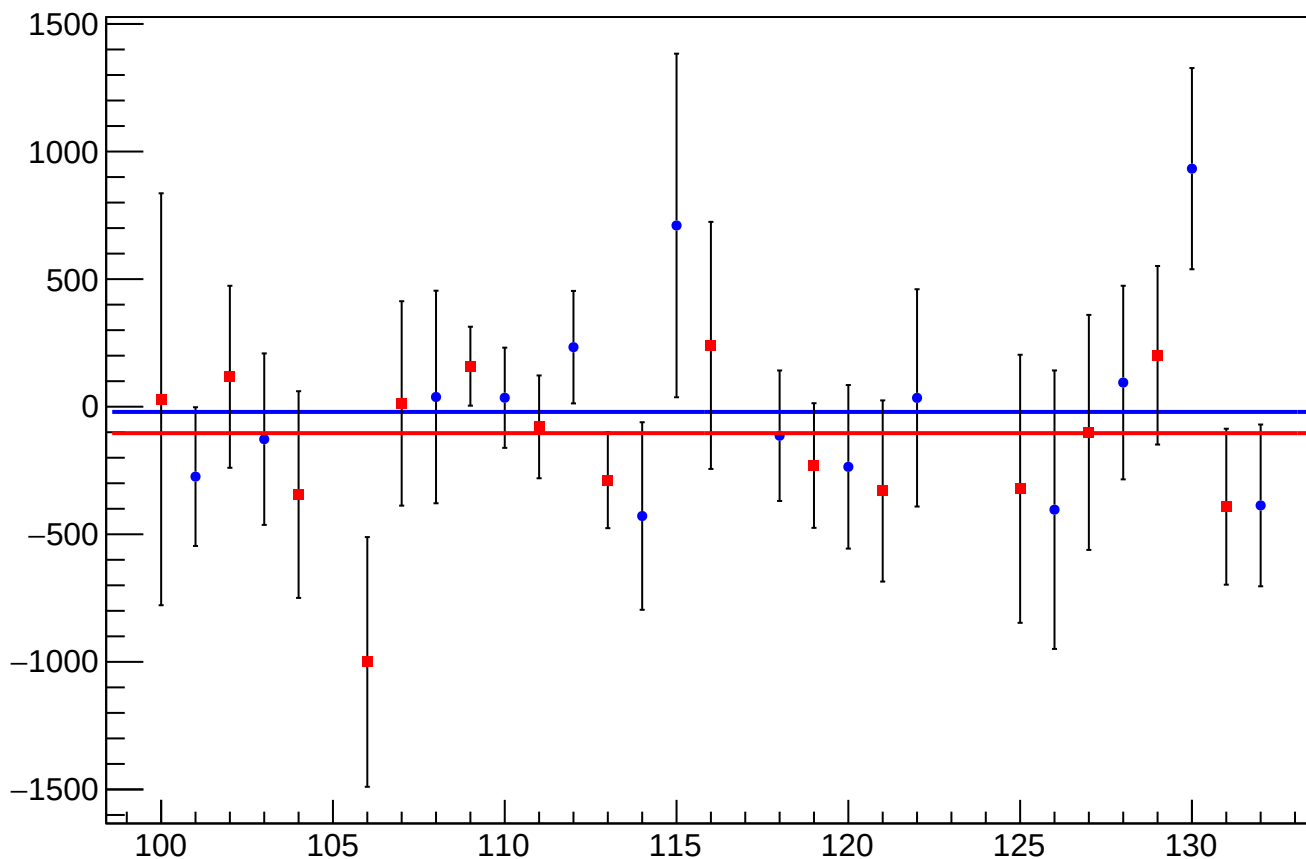
Right: 17.607+/-0.004 χ^2/NDF : 62903.6/28

In: 17.568+/-0.005 χ^2/NDF : 33427.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.607+/-0.004 χ^2/NDF : 62903.6/28

asym_bcm_dg_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -20.436 ± 84.060 χ^2/NDF : 13.2/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -103.615 ± 75.219 χ^2/NDF : 11.1/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

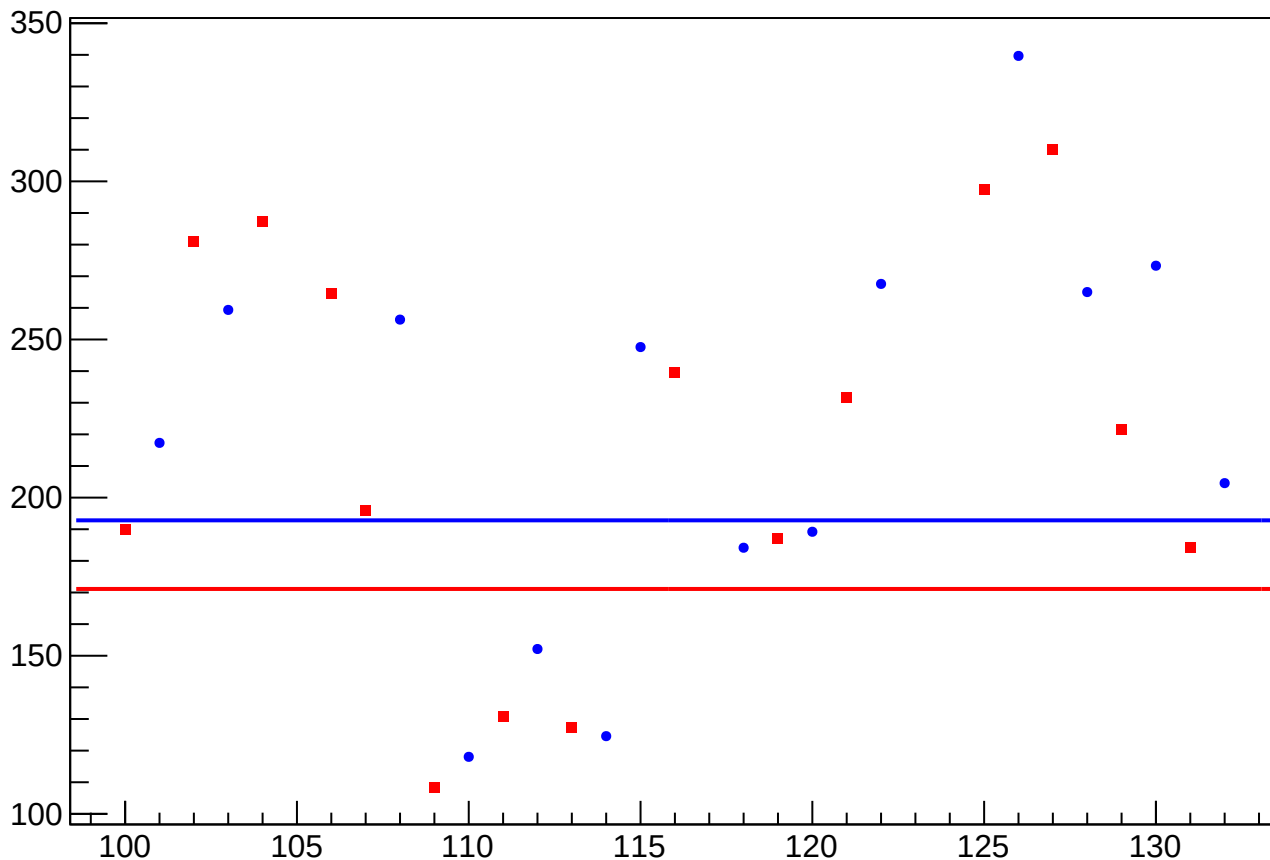
Right: -66.628 ± 56.054 χ^2/NDF : 24.8/28

In: -20.436 ± 84.060 χ^2/NDF : 13.2/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -66.628 ± 56.054 χ^2/NDF : 24.8/28

asym_bcm_dg_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 192.814 $\pm$ 0.059 χ^2 /NDF: 949086.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 171.119 $\pm$ 0.053 χ^2 /NDF: 1404503.7/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

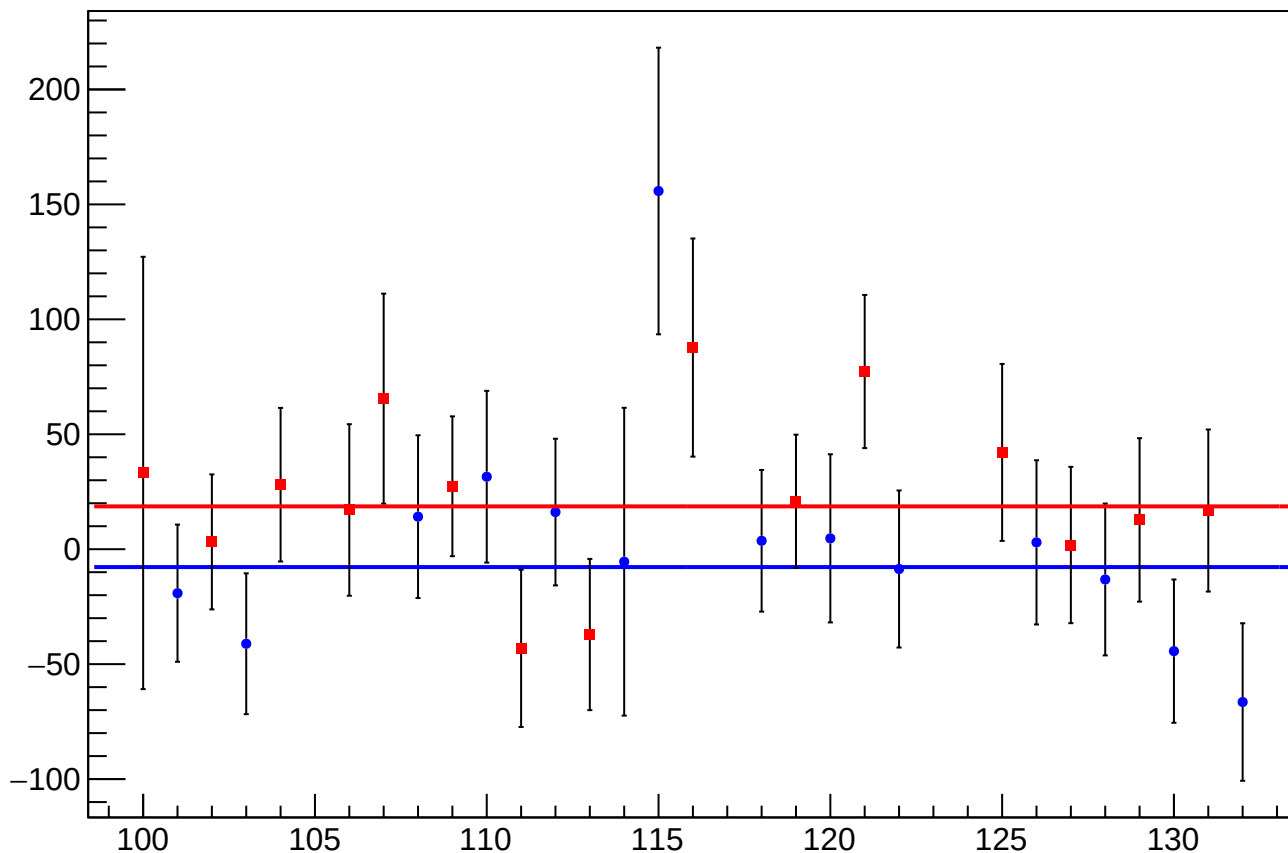
Right: 180.766 $\pm$ 0.040 χ^2 /NDF: 2427568.3/28

In: 192.814 $\pm$ 0.059 χ^2 /NDF:949086.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 180.766 $\pm$ 0.040 χ^2 /NDF: 2427568.3/28

asym_bcm_dg_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -7.774+/-9.363 χ^2/NDF : 15.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.632+/-9.168 χ^2/NDF : 13.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

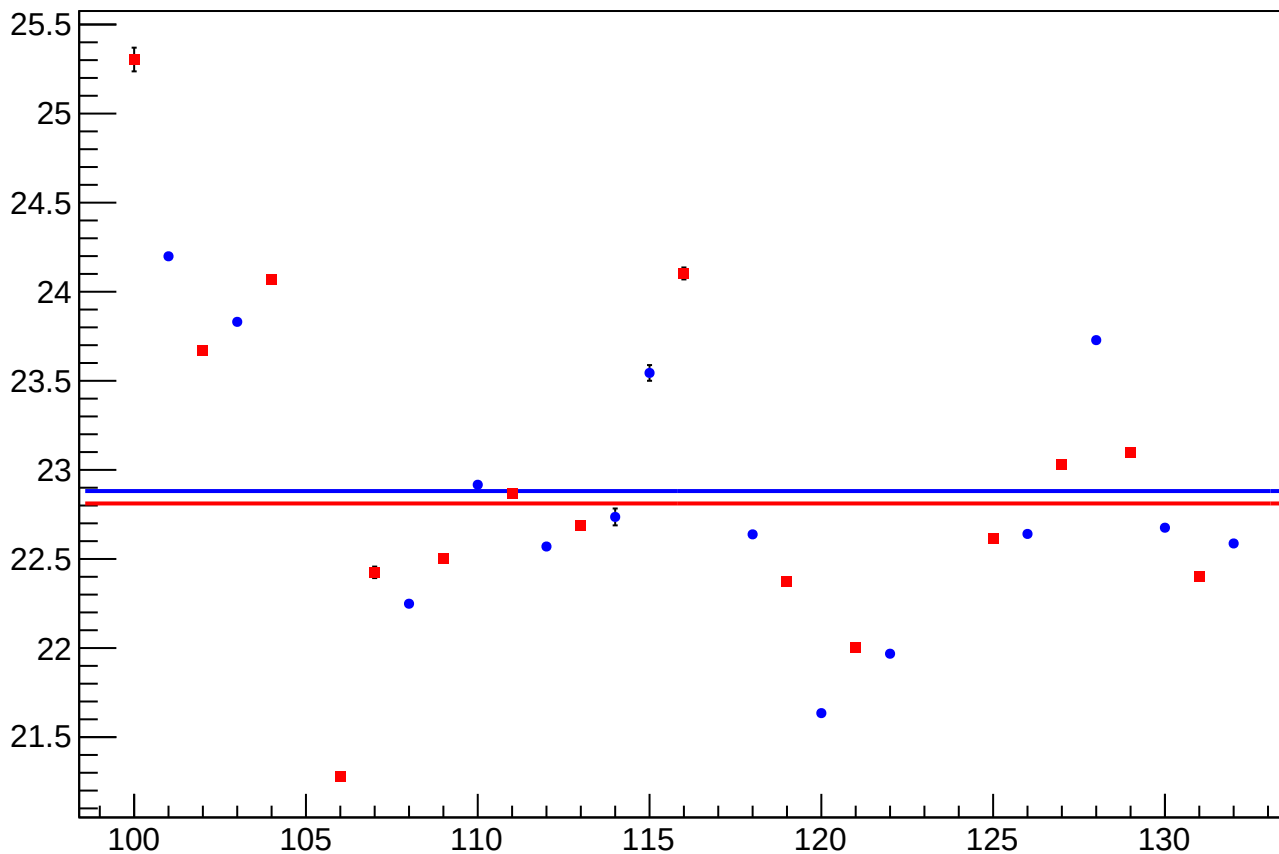
Right: 5.706+/-6.551 χ^2/NDF : 32.5/28

In: -7.774+/-9.363 χ^2/NDF : 15.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.706+/-6.551 χ^2/NDF : 32.5/28

asym_bcm_dg_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 22.881+/-0.007 χ^2/NDF : 12404.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.812+/-0.006 χ^2/NDF : 13327.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

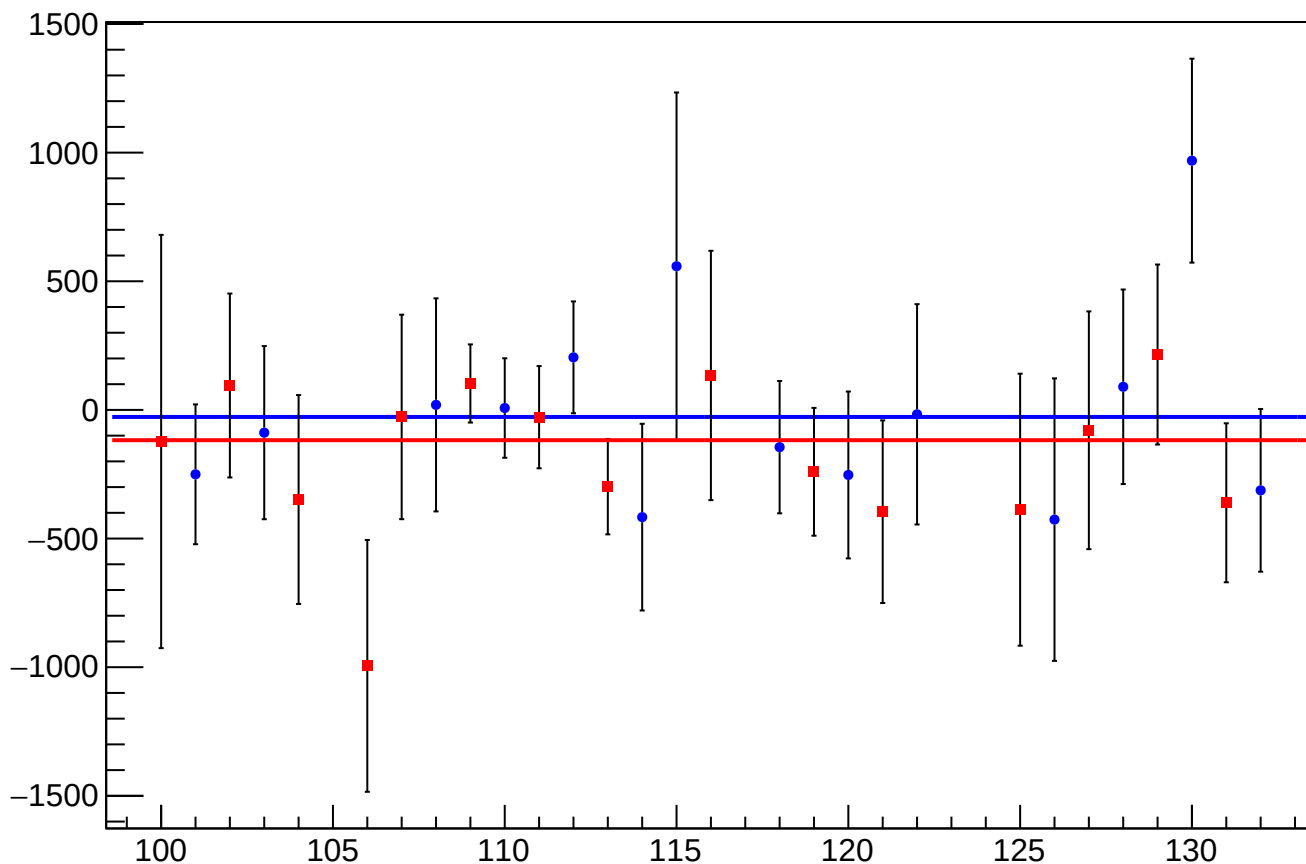
Right: 22.846+/-0.005 χ^2/NDF : 25788.5/28

In: 22.881+/-0.007 χ^2/NDF : 12404.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.846+/-0.005 χ^2/NDF : 25788.5/28

asym_bcm_dg_ds_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -27.369 ± 83.723 χ^2/NDF : 12.2/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -117.668 ± 74.727 χ^2/NDF : 10.1/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

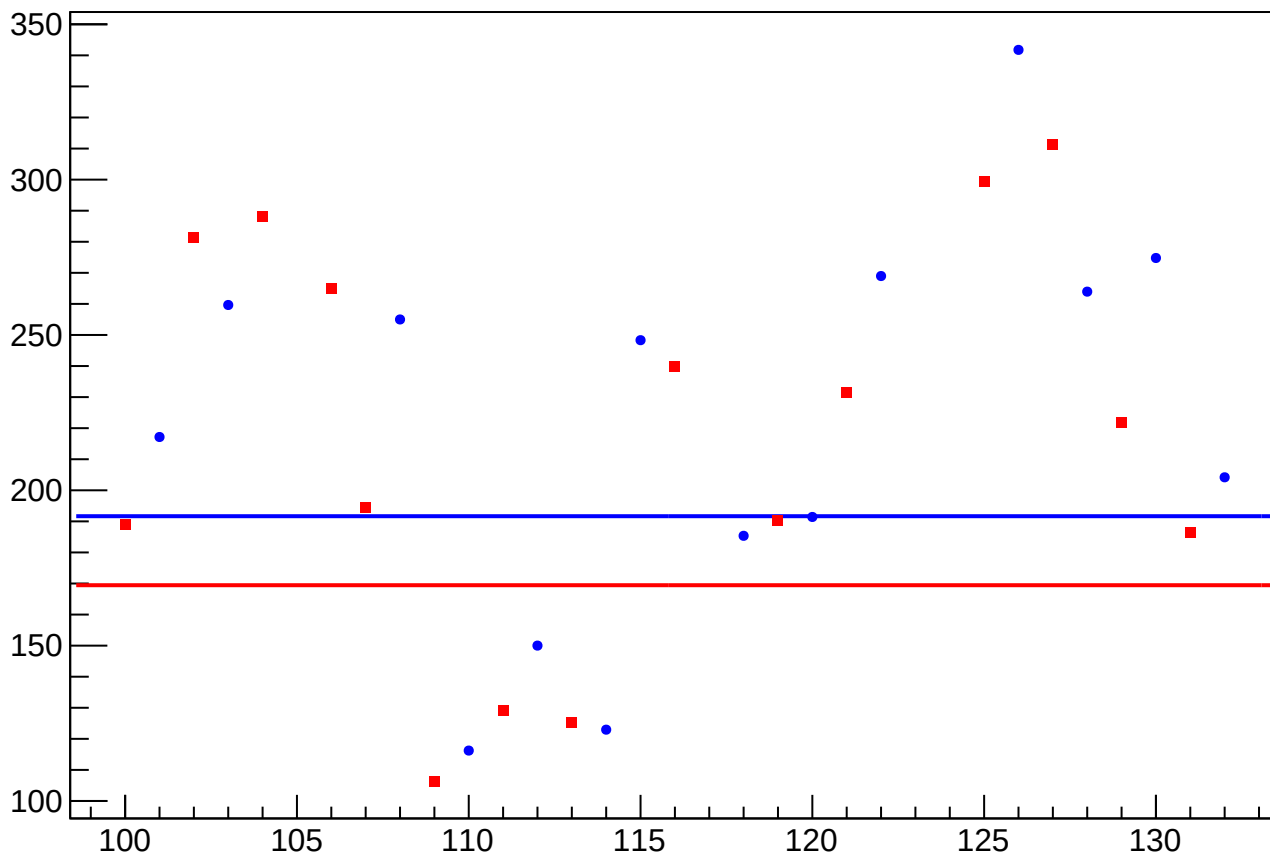
Right: -77.629 ± 55.750 χ^2/NDF : 23.0/28

In: -27.369 ± 83.723 χ^2/NDF : 12.2/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -77.629 ± 55.750 χ^2/NDF : 23.0/28

asym_bcm_dg_ds_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 191.664+/-0.059 χ^2/NDF : 989787.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.451+/-0.053 χ^2/NDF : 1471696.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

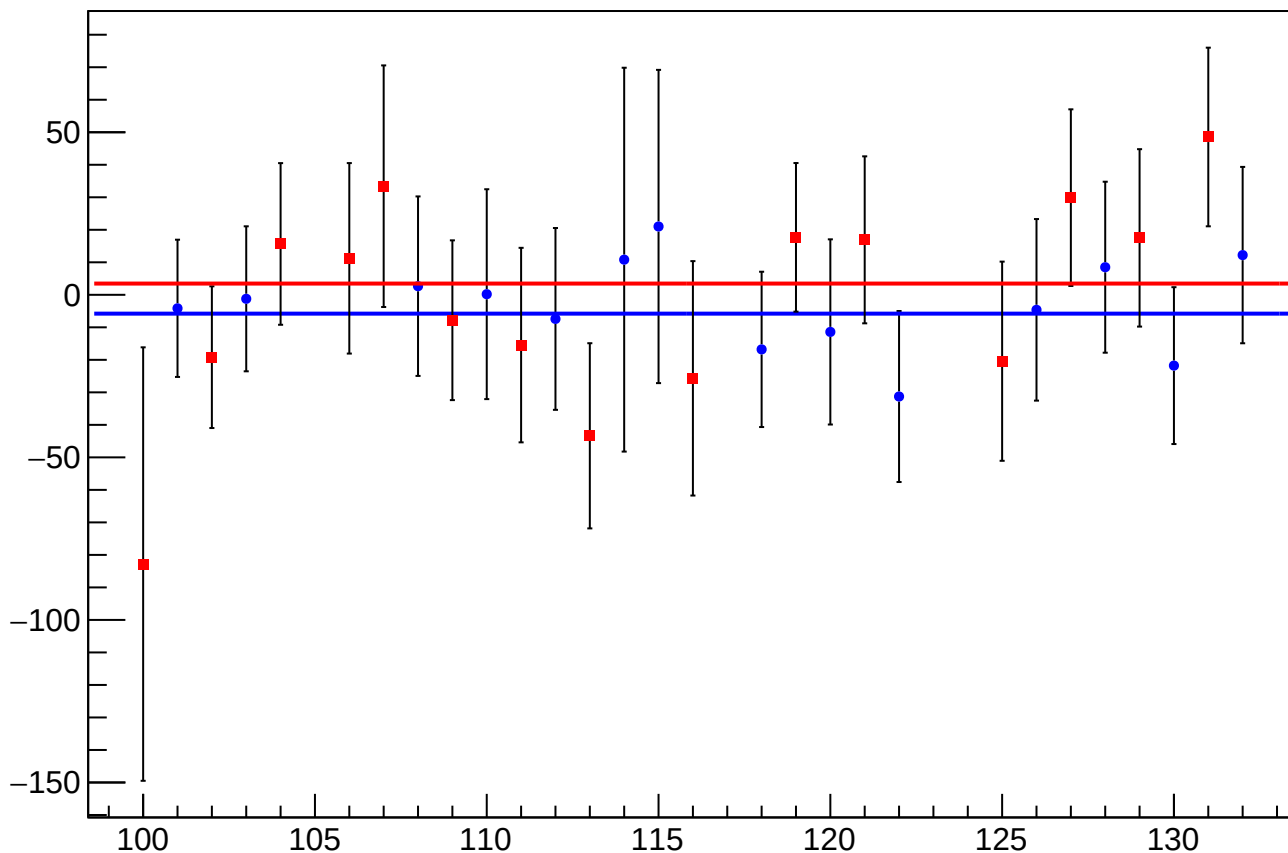
Right: 179.300+/-0.039 χ^2/NDF : 2539845.1/28

In: 191.664+/-0.059 χ^2/NDF : 989787.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.300+/-0.039 χ^2/NDF : 2539845.1/28

asym_bcm_dg_ds_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -5.790+/-7.301 χ^2/NDF : 2.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.459+/-7.229 χ^2/NDF : 12.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

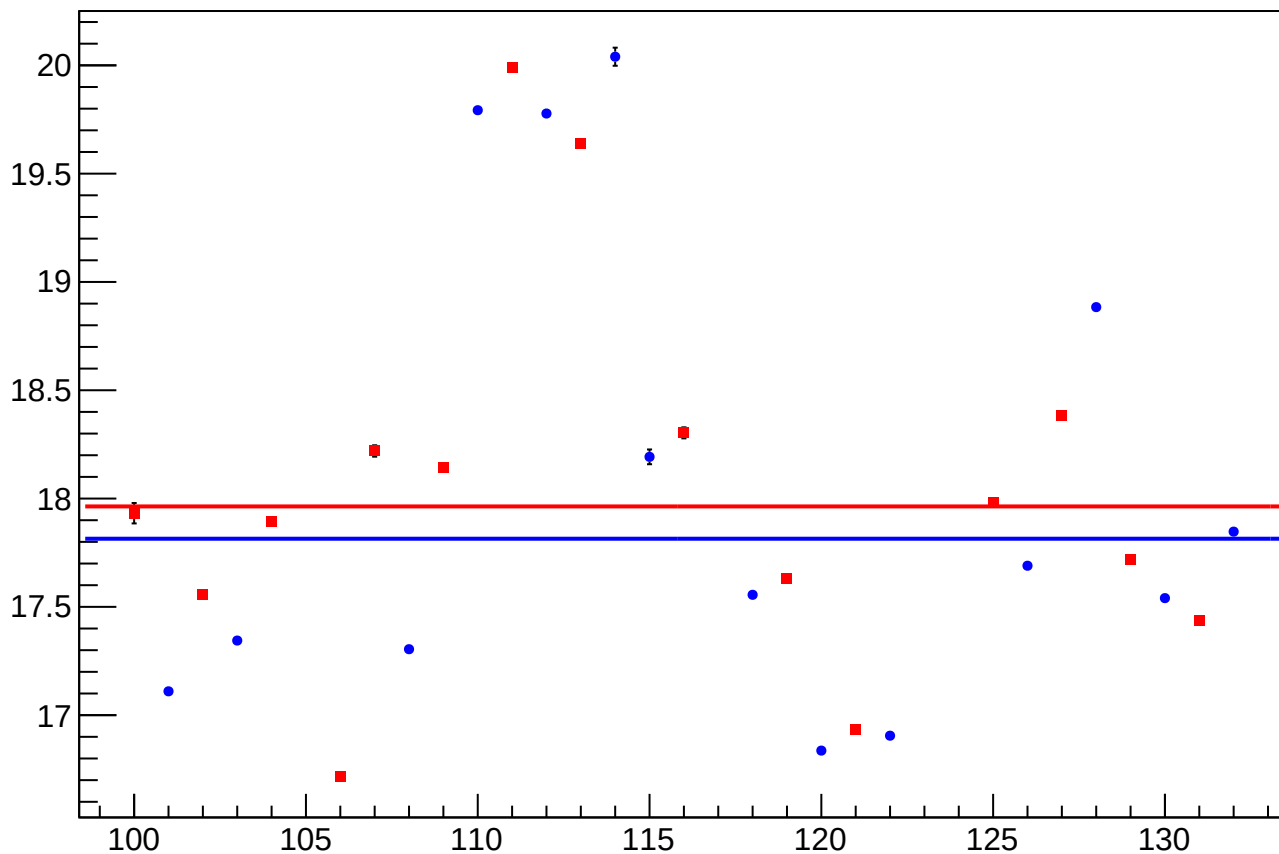
Right: -1.120+/-5.137 χ^2/NDF : 16.6/28

In: -5.790+/-7.301 χ^2/NDF : 2.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.120+/-5.137 χ^2/NDF : 16.6/28

asym_bcm_dg_ds_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 17.815+/-0.005 χ^2/NDF : 32725.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.964+/-0.005 χ^2/NDF : 25813.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

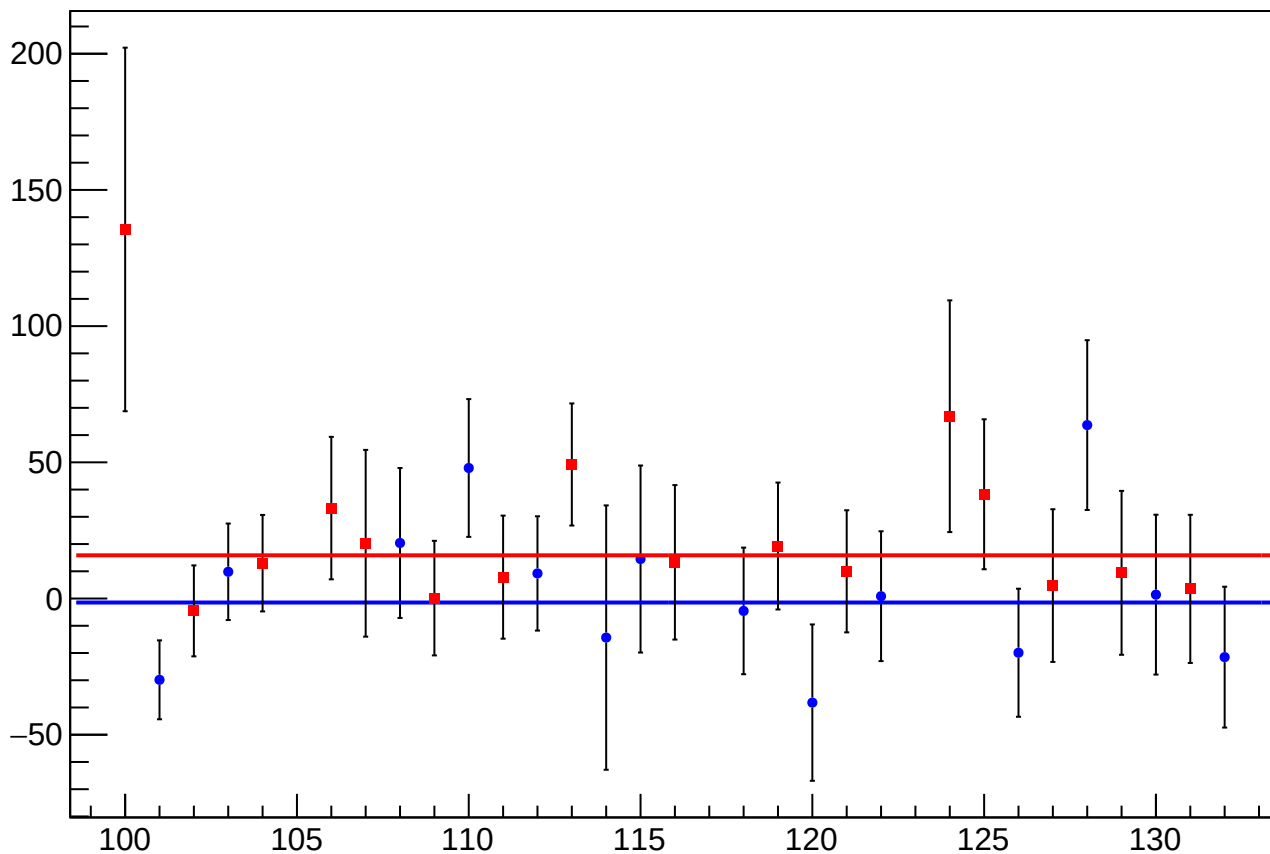
Right: 17.890+/-0.004 χ^2/NDF : 58959.9/28

In: 17.815+/-0.005 χ^2/NDF : 32725.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.890+/-0.004 χ^2/NDF : 58959.9/28

diff_bpm_4aX_4acX_avg_mean vs Slug, Sign Corrected



Right In: -1.465+/-6.362 χ^2/NDF : 16.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 15.864+/-6.178 χ^2/NDF : 10.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

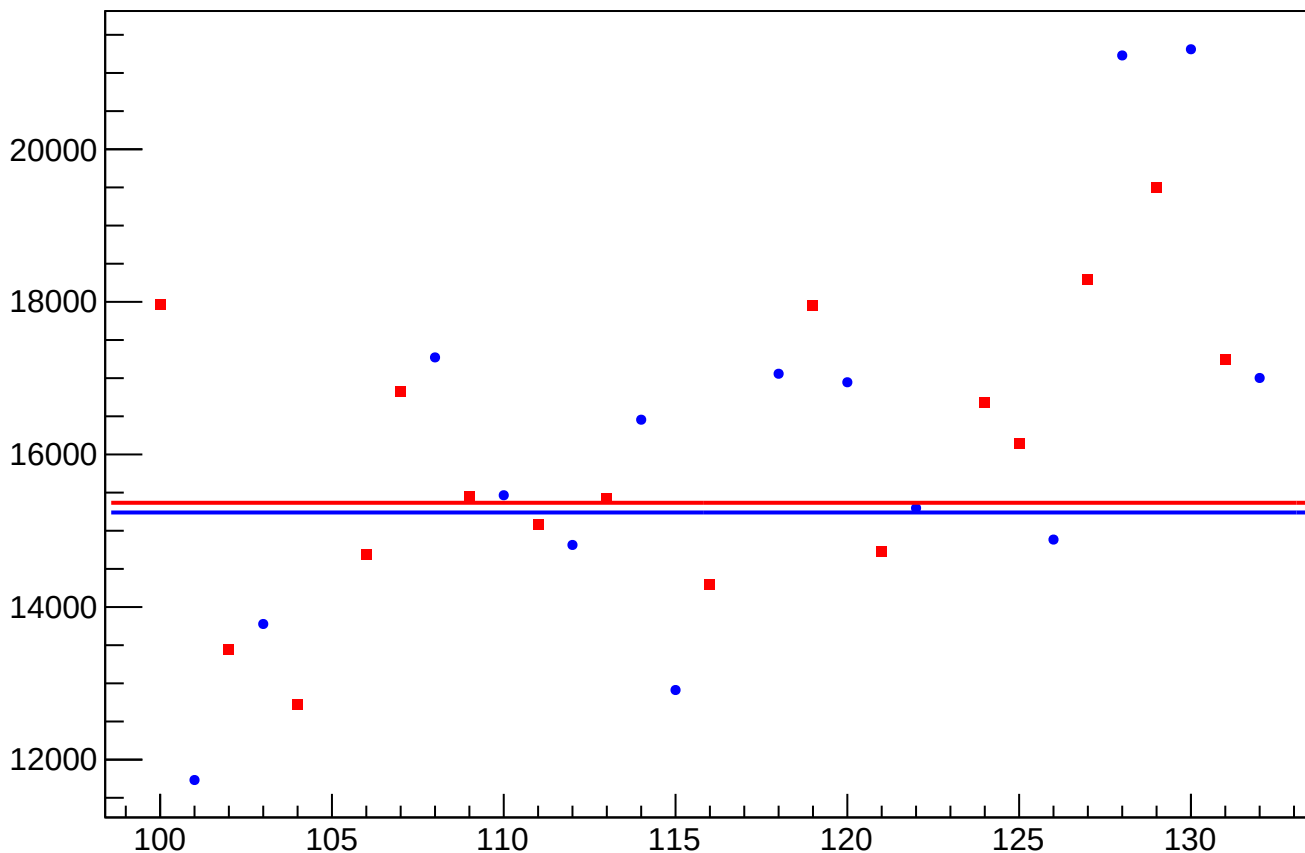
Right: 7.455+/-4.432 χ^2/NDF : 31.0/29

In: -1.465+/-6.362 χ^2/NDF :16.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7.455+/-4.432 χ^2/NDF : 31.0/29

diff_bpm_4aX_4acX_avg_rms vs Slug, Sign Corrected



Right In: 15239.402+/-4.499 χ^2/NDF : 341724.6/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 15366.589+/-4.368 χ^2/NDF : 181221.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

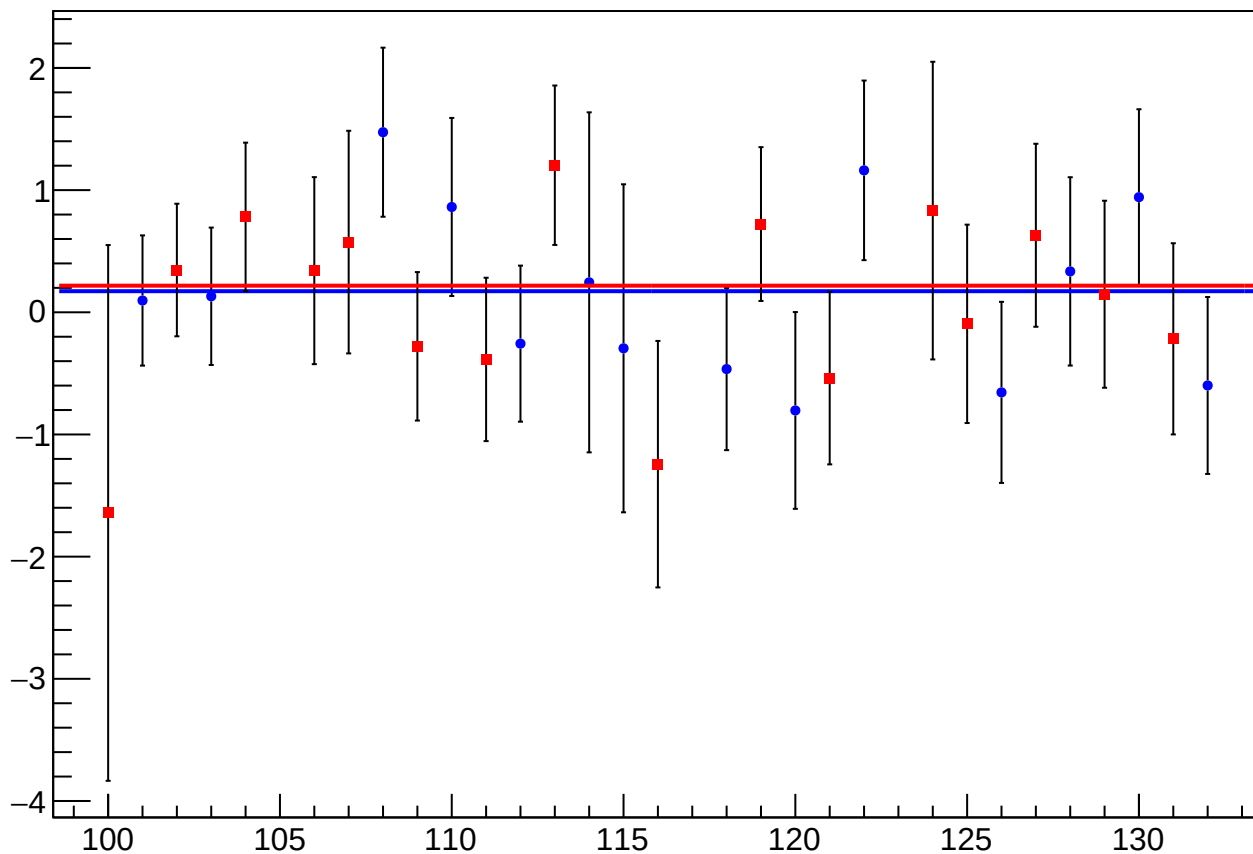
Right: 15304.866+/-3.134 χ^2/NDF : 523357.5/29

In: 15239.402+/-4.499 χ^2/NDF :341724.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 15304.866+/-3.134 χ^2/NDF : 523357.5/29

diff_bpm_4aX_4acX_dd_mean vs Slug, Sign Corrected



Right In: 0.173+/-0.192 χ^2/NDF : 12.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.218+/-0.185 χ^2/NDF : 10.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

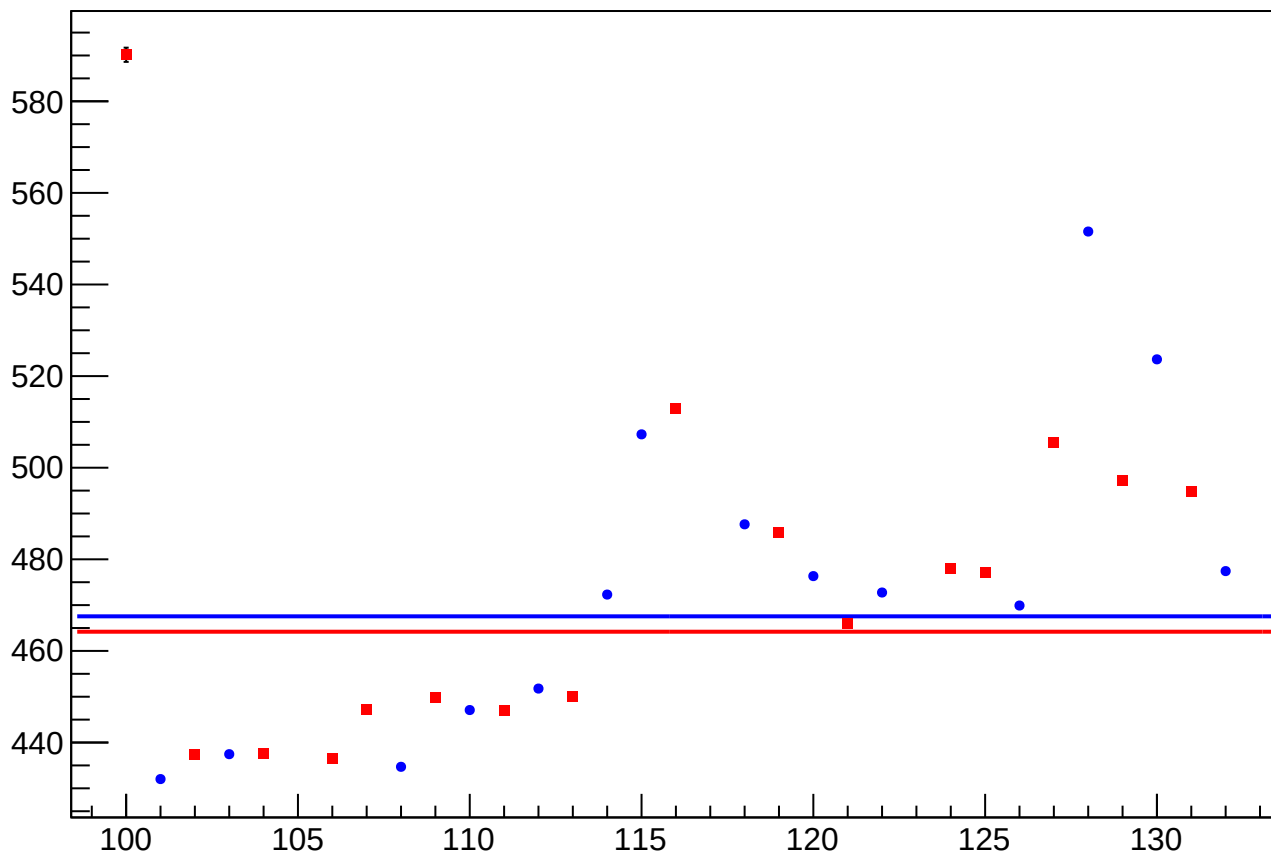
Right: 0.196+/-0.133 χ^2/NDF : 23.3/29

In: 0.173+/-0.192 χ^2/NDF : 12.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.196+/-0.133 χ^2/NDF : 23.3/29

diff_bpm_4aX_4acX_dd_rms vs Slug, Sign Corrected



Right In: 467.552+/-0.136 χ^2/NDF : 62186.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 464.193+/-0.131 χ^2/NDF : 42640.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

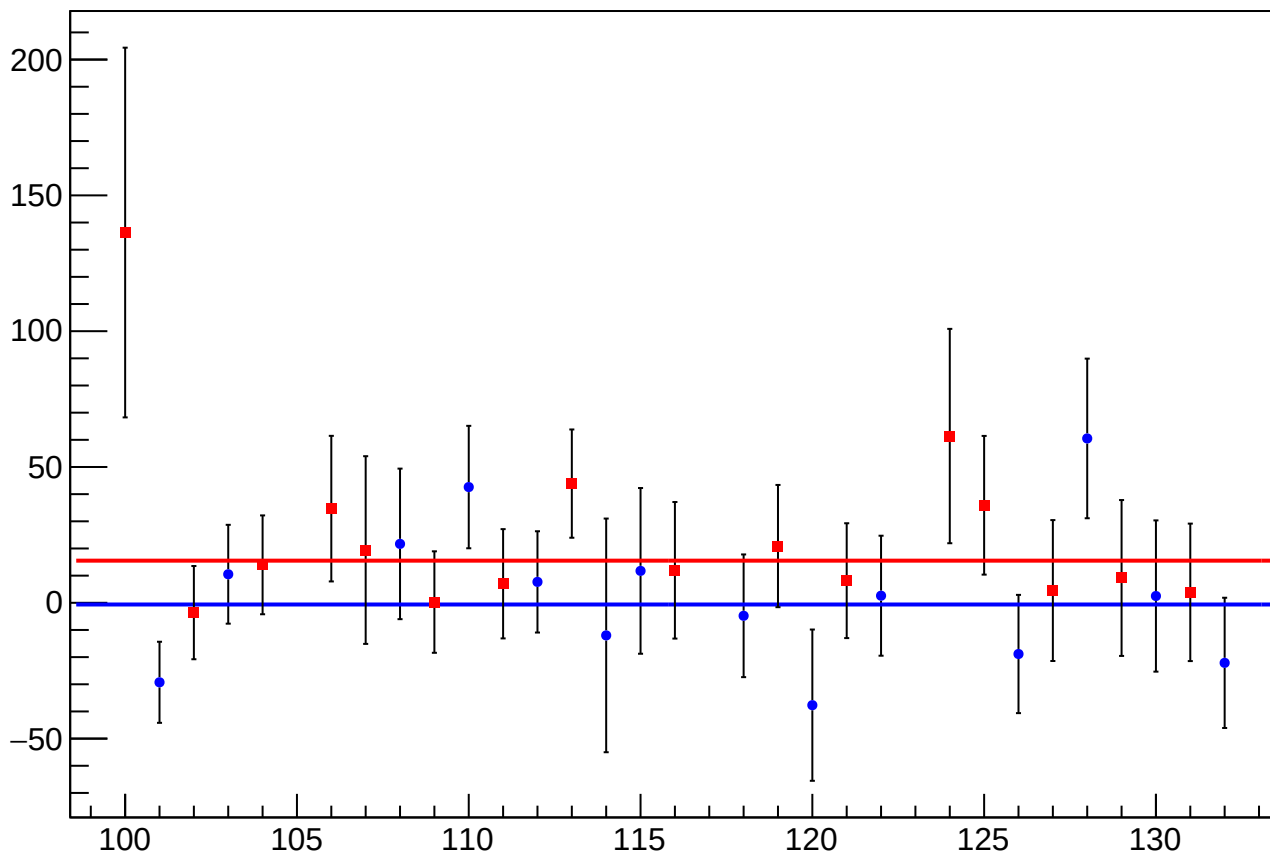
Right: 465.808+/-0.094 χ^2/NDF : 105145.7/29

In: 467.552+/-0.136 χ^2/NDF : 62186.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 465.808+/-0.094 χ^2/NDF : 105145.7/29

diff_bpm_4aX_4eX_avg_mean vs Slug, Sign Corrected



Right In: -0.624+/-6.101 χ^2/NDF : 16.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 15.517+/-5.877 χ^2/NDF : 10.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

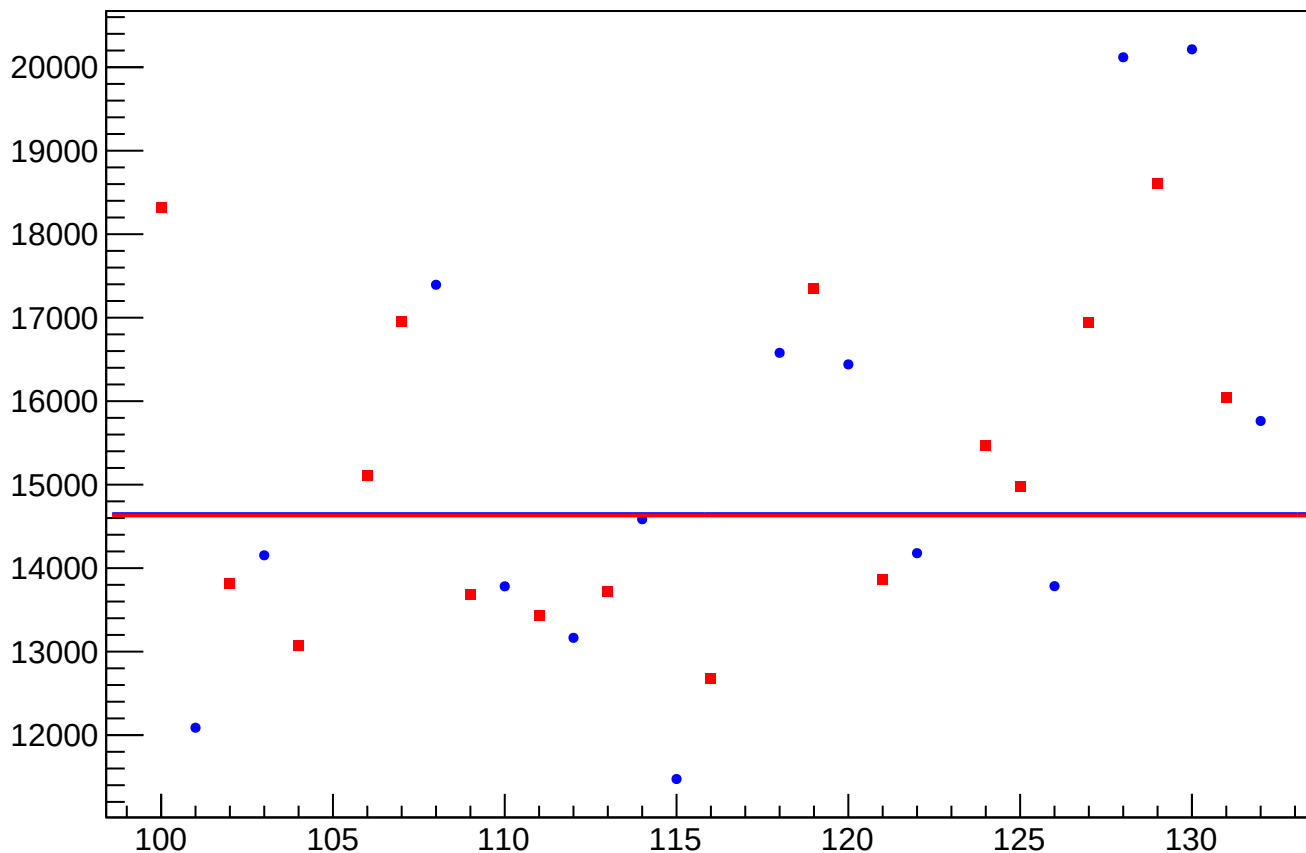
Right: 7.747+/-4.233 χ^2/NDF : 30.5/29

In: -0.624+/-6.101 χ^2/NDF :16.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7.747+/-4.233 χ^2/NDF : 30.5/29

diff_bpm_4aX_4eX_avg_rms vs Slug, Sign Corrected



Right In: 14646.138+/-4.314 χ^2/NDF : 297706.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14631.764+/-4.156 χ^2/NDF : 156962.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

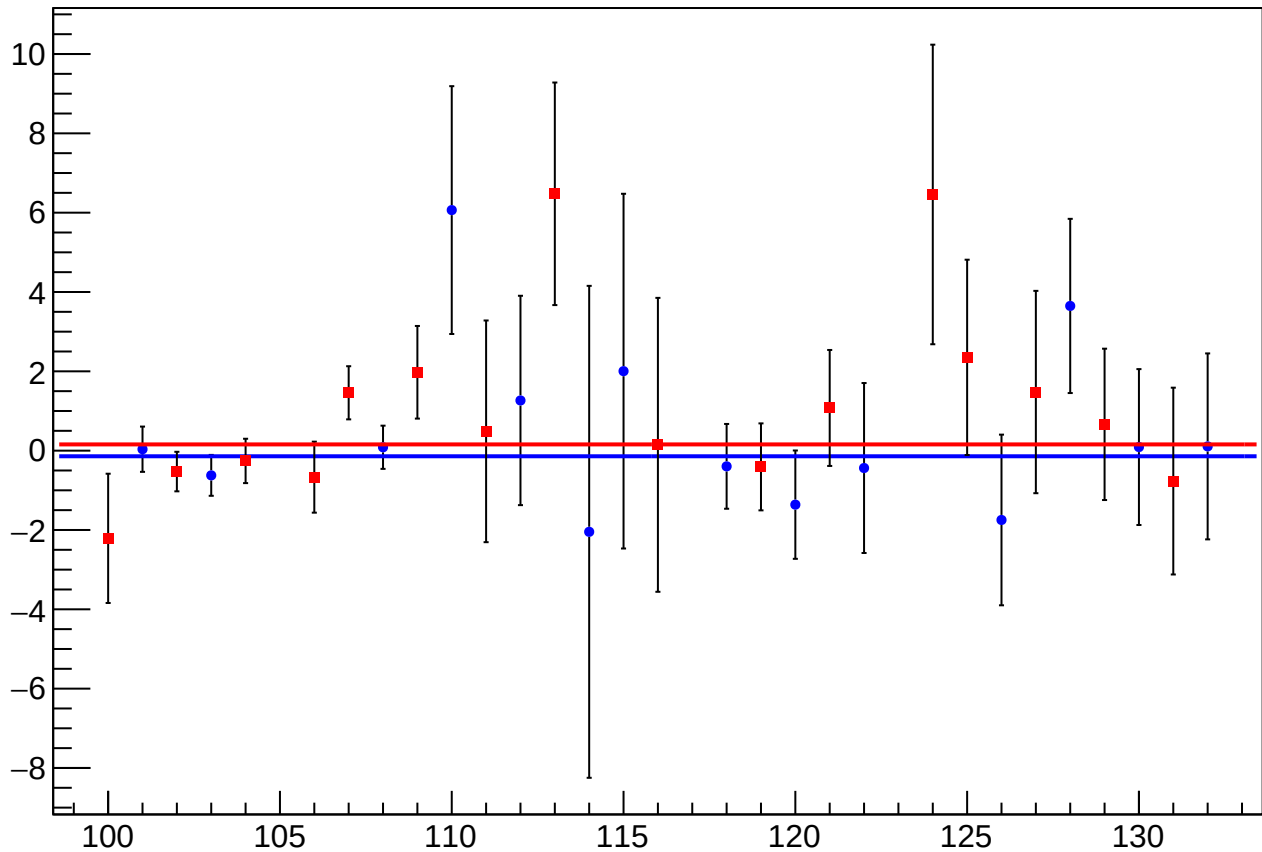
Right: 14638.683+/-2.993 χ^2/NDF : 454674.6/29

In: 14646.138+/-4.314 χ^2/NDF : 297706.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14638.683+/-2.993 χ^2/NDF : 454674.6/29

diff_bpm_4aX_4eX_dd_mean vs Slug, Sign Corrected



Right In: -0.142 ± 0.277 χ^2/NDF : 10.1/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.158 ± 0.265 χ^2/NDF : 21.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

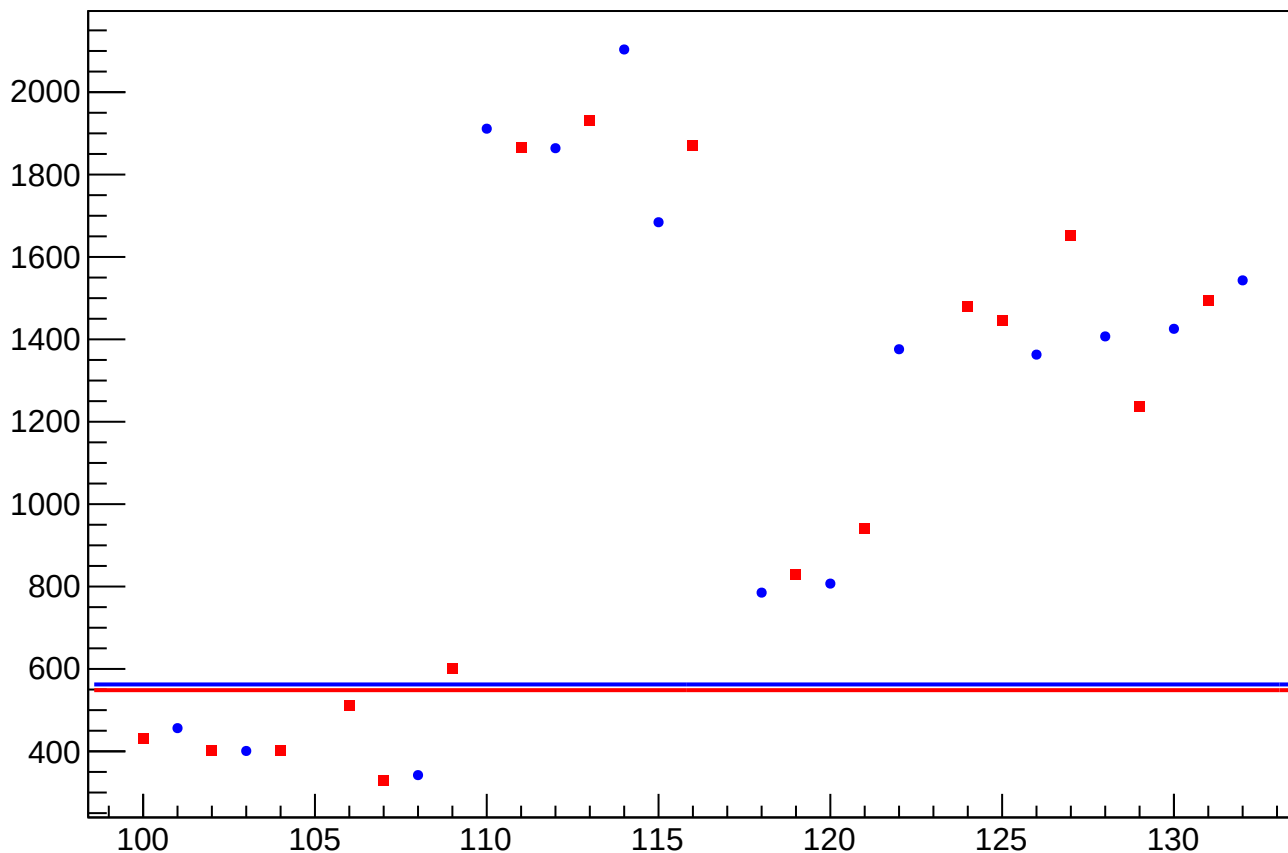
Right: 0.015 ± 0.191 χ^2/NDF : 32.2/29

In: -0.142 ± 0.277 χ^2/NDF : 10.1/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.015 ± 0.191 χ^2/NDF : 32.2/29

diff_bpm_4aX_4eX_dd_rms vs Slug, Sign Corrected



Right In: 562.360+/-0.196 χ^2/NDF : 3449332.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 548.470+/-0.187 χ^2/NDF : 3351481.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

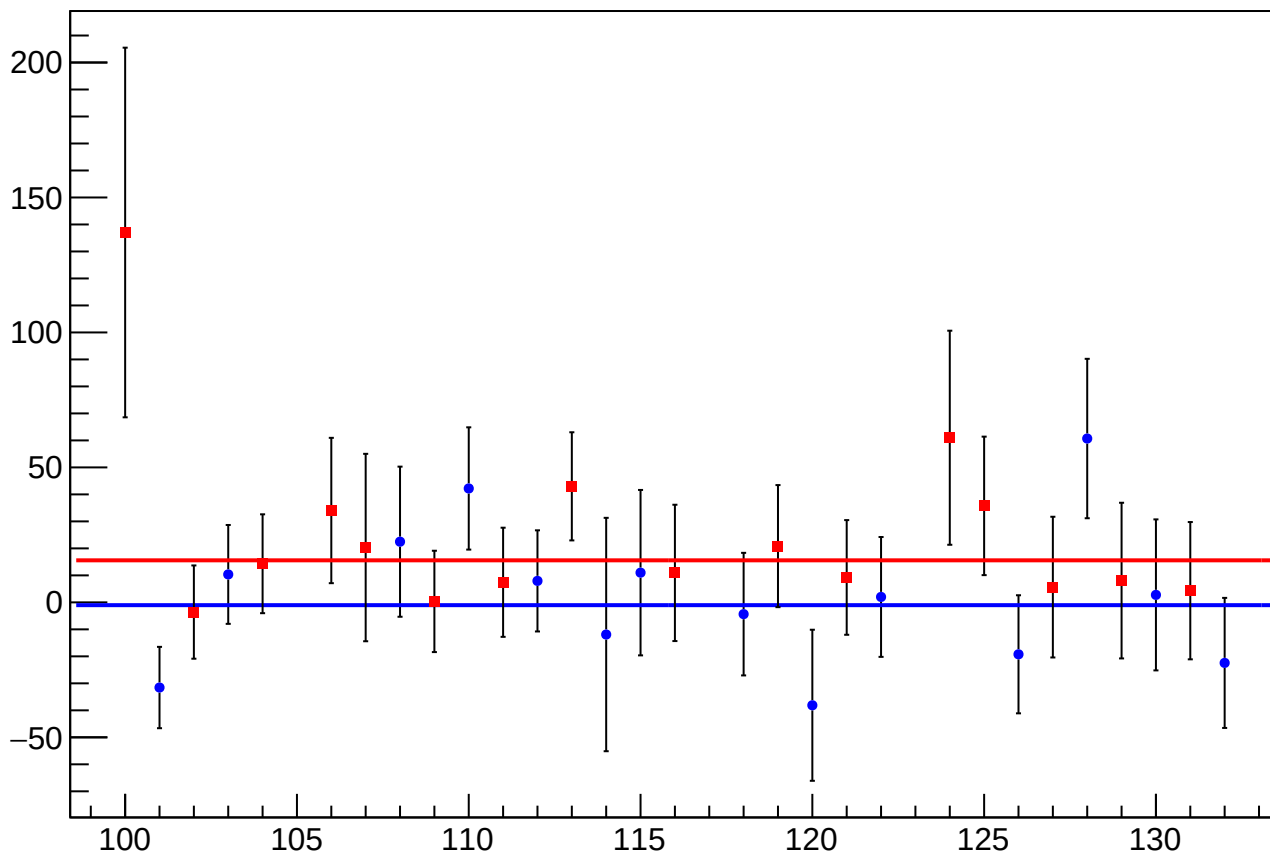
Right: 555.094+/-0.135 χ^2/NDF : 6803442.1/29

In: 562.360+/-0.196 χ^2/NDF :3449332.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 555.094+/-0.135 χ^2/NDF : 6803442.1/29

diff_bpm_4aX_4ecX_avg_mean vs Slug, Sign Corrected



Right In: -1.037+/-6.136 χ^2 /NDF: 17.0/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 15.572+/-5.908 χ^2 /NDF: 10.1/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

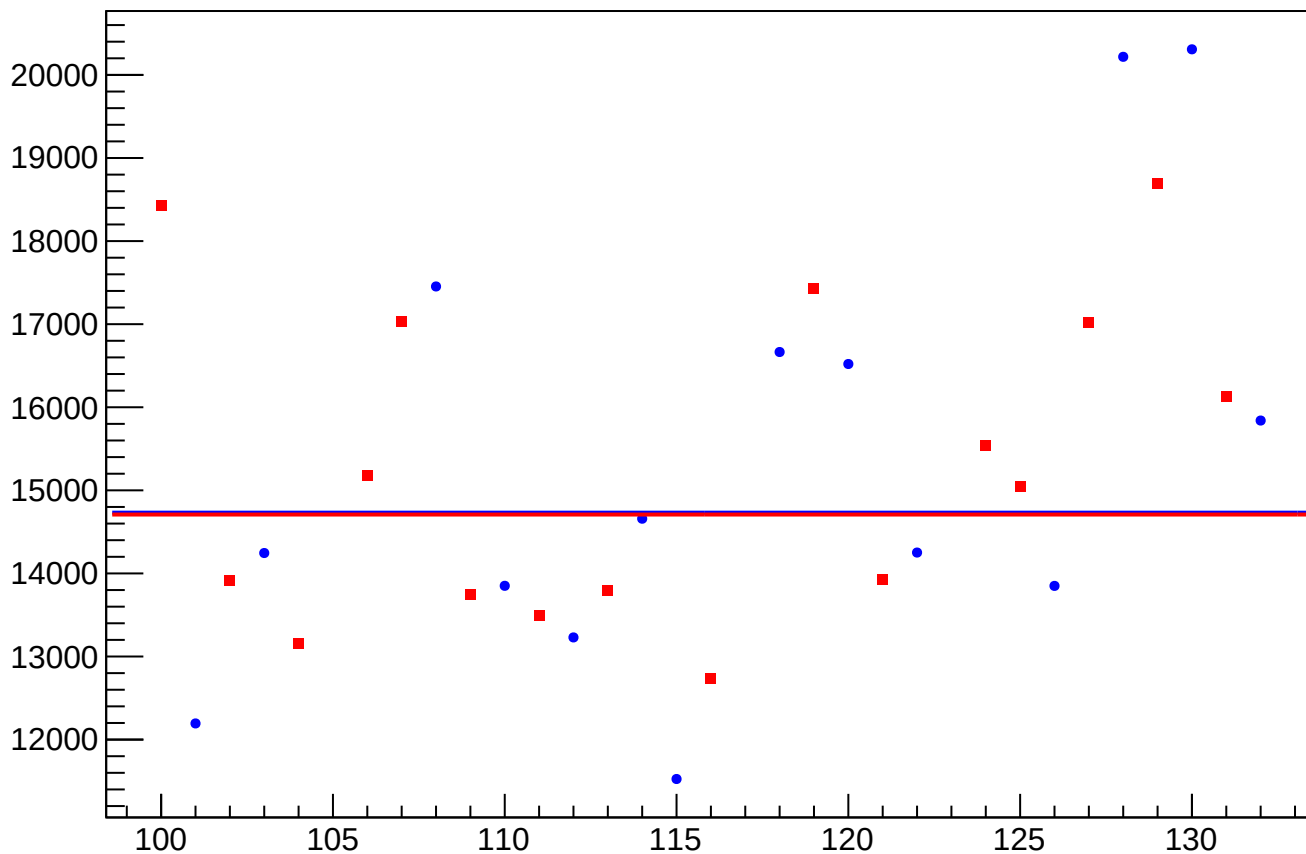
Right: 7.582+/-4.256 χ^2 /NDF: 30.8/29

In: -1.037+/-6.136 χ^2 /NDF:17.0/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 7.582+/-4.256 χ^2 /NDF: 30.8/29

diff_bpm_4aX_4ecX_avg_rms vs Slug, Sign Corrected



Right In: 14731.403+/-4.339 χ^2/NDF : 294672.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14708.798+/-4.178 χ^2/NDF : 156340.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

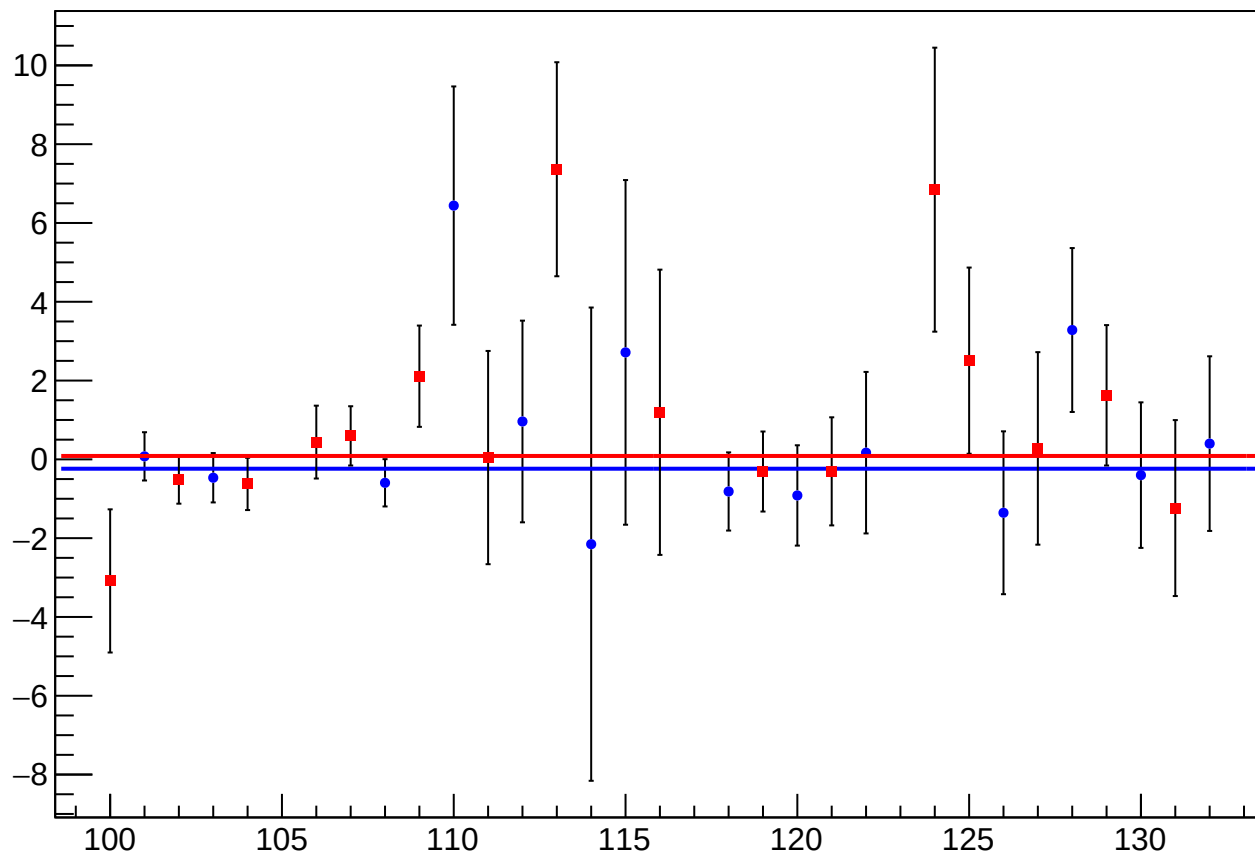
Right: 14719.673+/-3.009 χ^2/NDF : 451026.9/29

In: 14731.403+/-4.339 χ^2/NDF : 294672.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14719.673+/-3.009 χ^2/NDF : 451026.9/29

diff_bpm_4aX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: -0.237 ± 0.299 χ^2/NDF : 10.3/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.086 ± 0.293 χ^2/NDF : 21.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

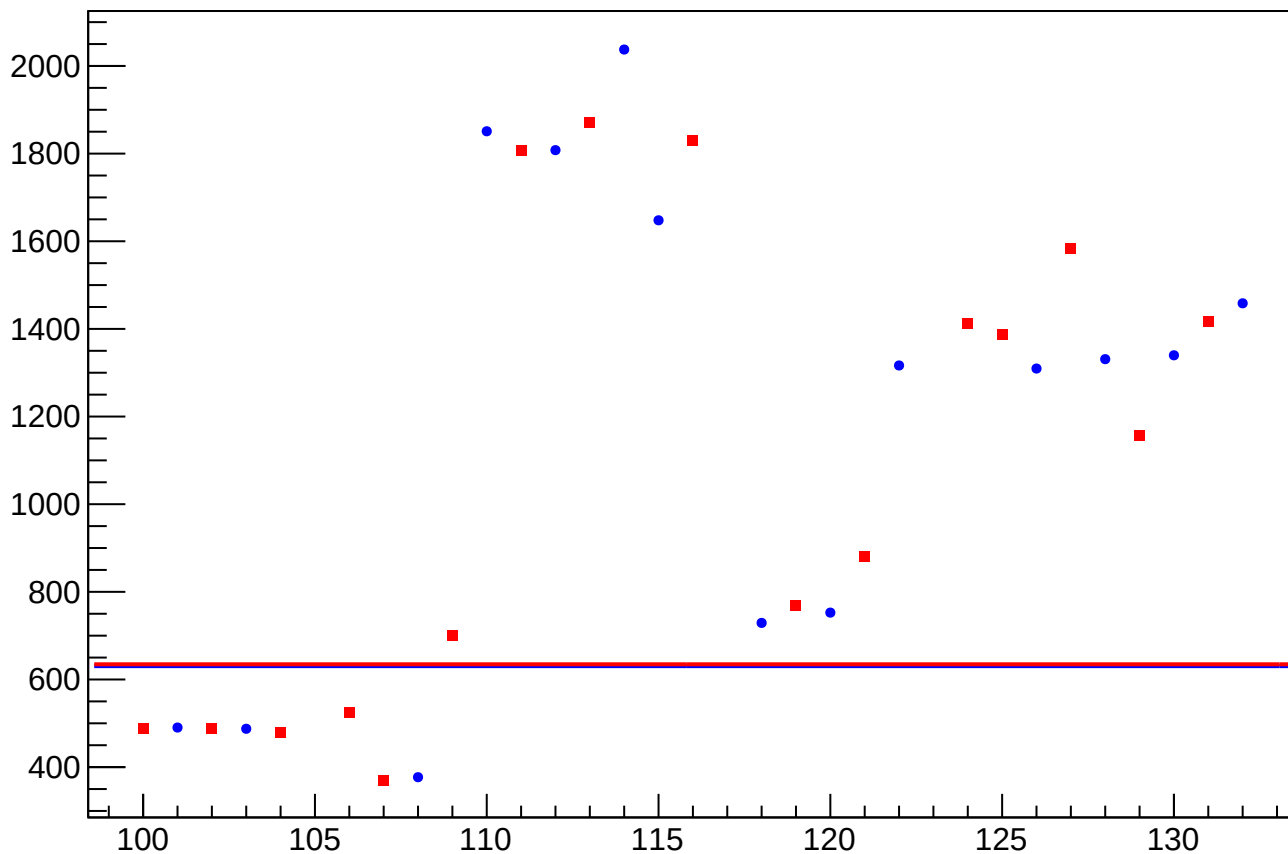
Right: -0.072 ± 0.209 χ^2/NDF : 32.3/29

In: -0.237 ± 0.299 χ^2/NDF : 10.3/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.072 ± 0.209 χ^2/NDF : 32.3/29

diff_bpm_4aX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 630.463+/-0.212 χ^2/NDF : 2811227.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 634.661+/-0.207 χ^2/NDF : 2642331.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

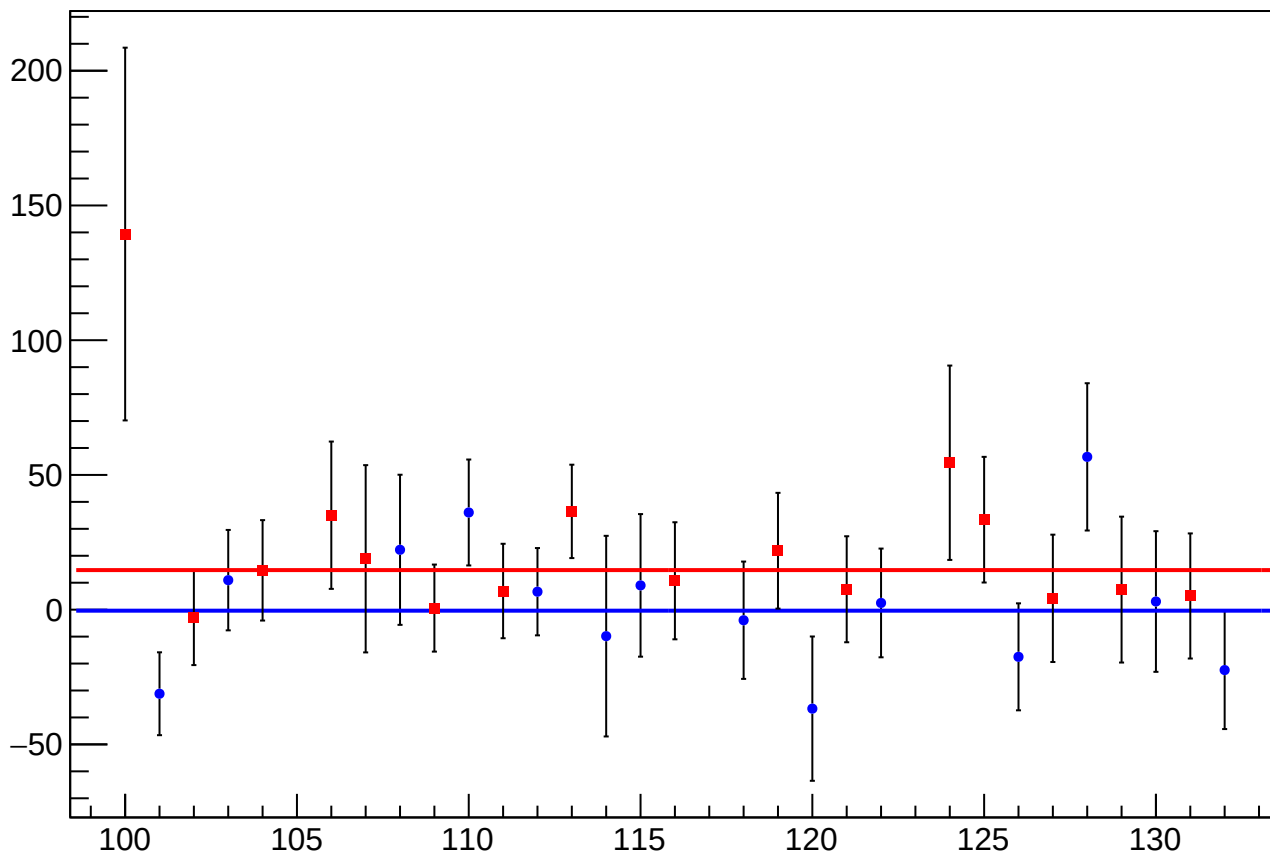
Right: 632.604+/-0.148 χ^2/NDF : 5453759.9/29

In: 630.463+/-0.212 χ^2/NDF : 2811227.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 632.604+/-0.148 χ^2/NDF : 5453759.9/29

diff_bpm_4eX_4ecX_avg_mean vs Slug, Sign Corrected



Right In: -0.377 ± 5.741 χ^2/NDF : 16.9/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 14.685 ± 5.472 χ^2/NDF : 9.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

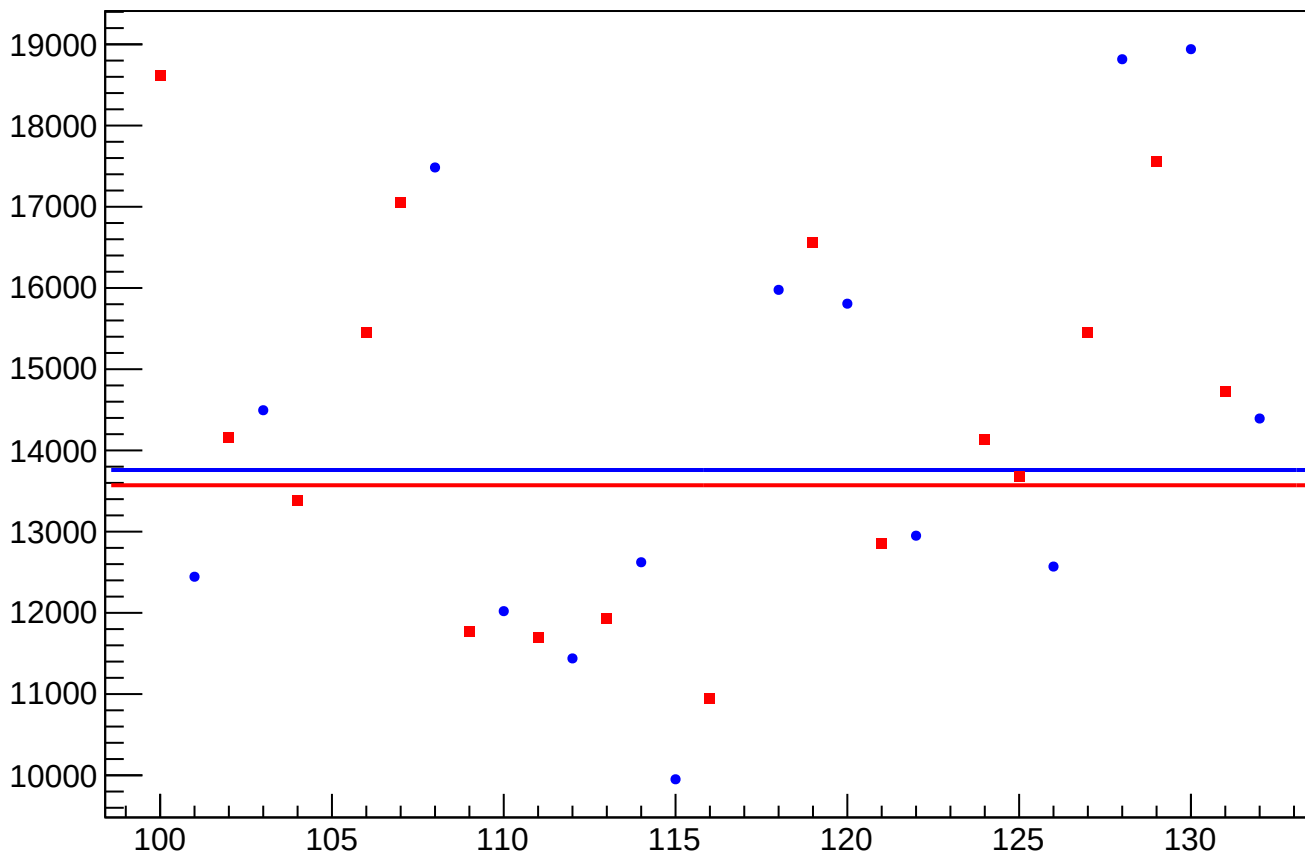
Right: 7.515 ± 3.961 χ^2/NDF : 30.4/29

In: -0.377 ± 5.741 χ^2/NDF : 16.9/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 7.515 ± 3.961 χ^2/NDF : 30.4/29

diff_bpm_4eX_4ecX_avg_rms vs Slug, Sign Corrected



Right In: 13758.927+/-4.060 χ^2/NDF : 345297.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 13571.124+/-3.869 χ^2/NDF : 240004.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

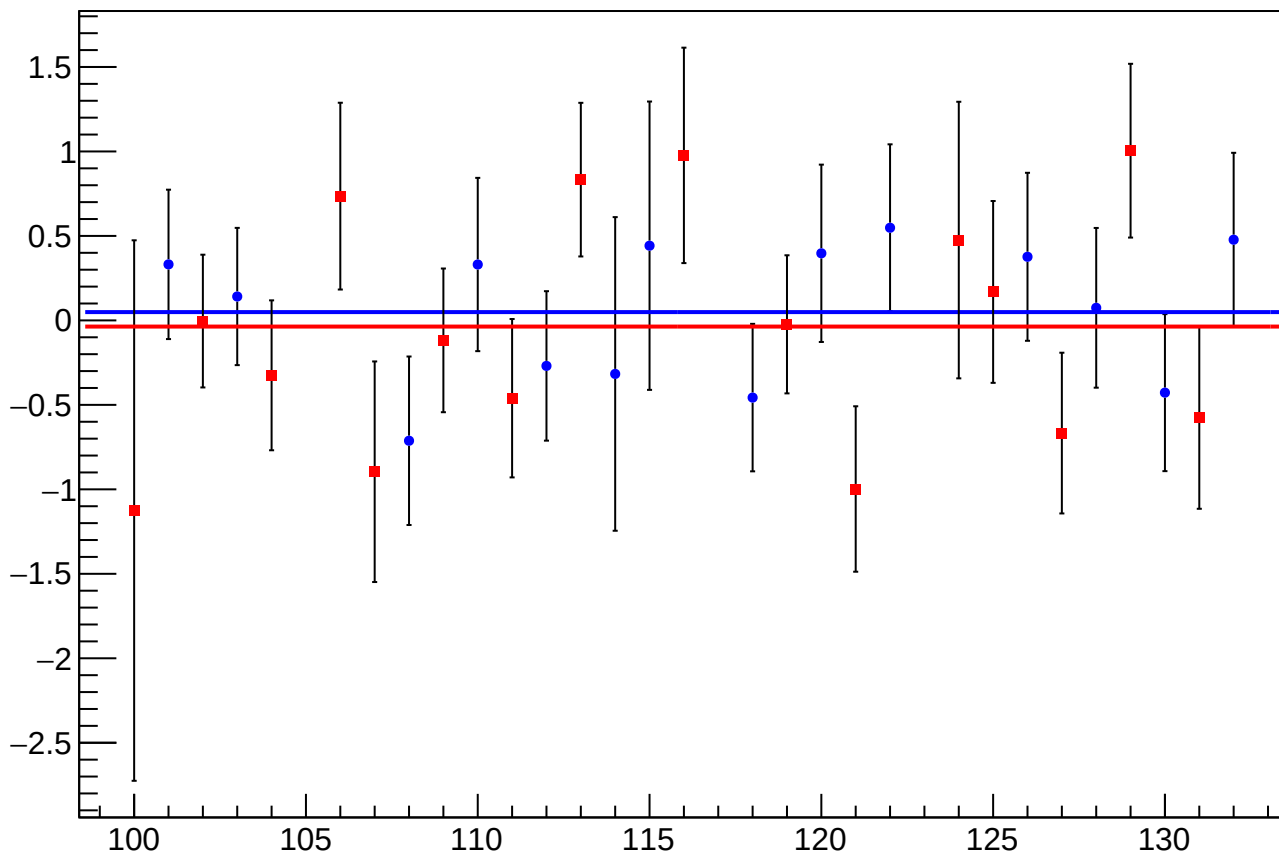
Right: 13660.519+/-2.801 χ^2/NDF : 586423.4/29

In: 13758.927+/-4.060 χ^2/NDF :345297.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 13660.519+/-2.801 χ^2/NDF : 586423.4/29

diff_bpm_4eX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: 0.049 $\pm$ 0.133 χ^2 /NDF: 9.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.037 $\pm$ 0.127 χ^2 /NDF: 22.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

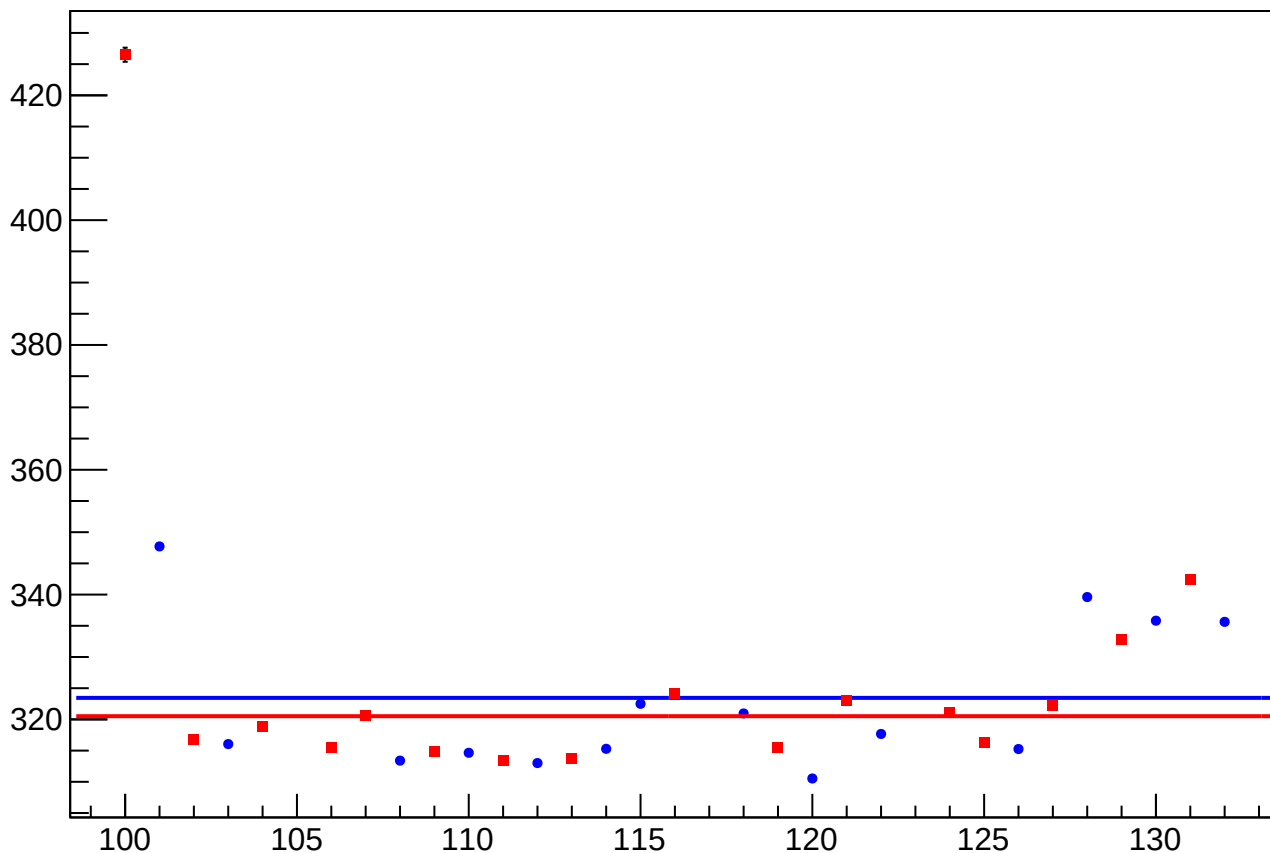
Right: 0.004 $\pm$ 0.092 χ^2 /NDF: 32.0/29

In: 0.049 $\pm$ 0.133 χ^2 /NDF:9.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.004 $\pm$ 0.092 χ^2 /NDF: 32.0/29

diff_bpm_4eX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 323.450+/-0.094 χ^2 /NDF: 16334.2/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 320.517+/-0.090 χ^2 /NDF: 15398.4/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

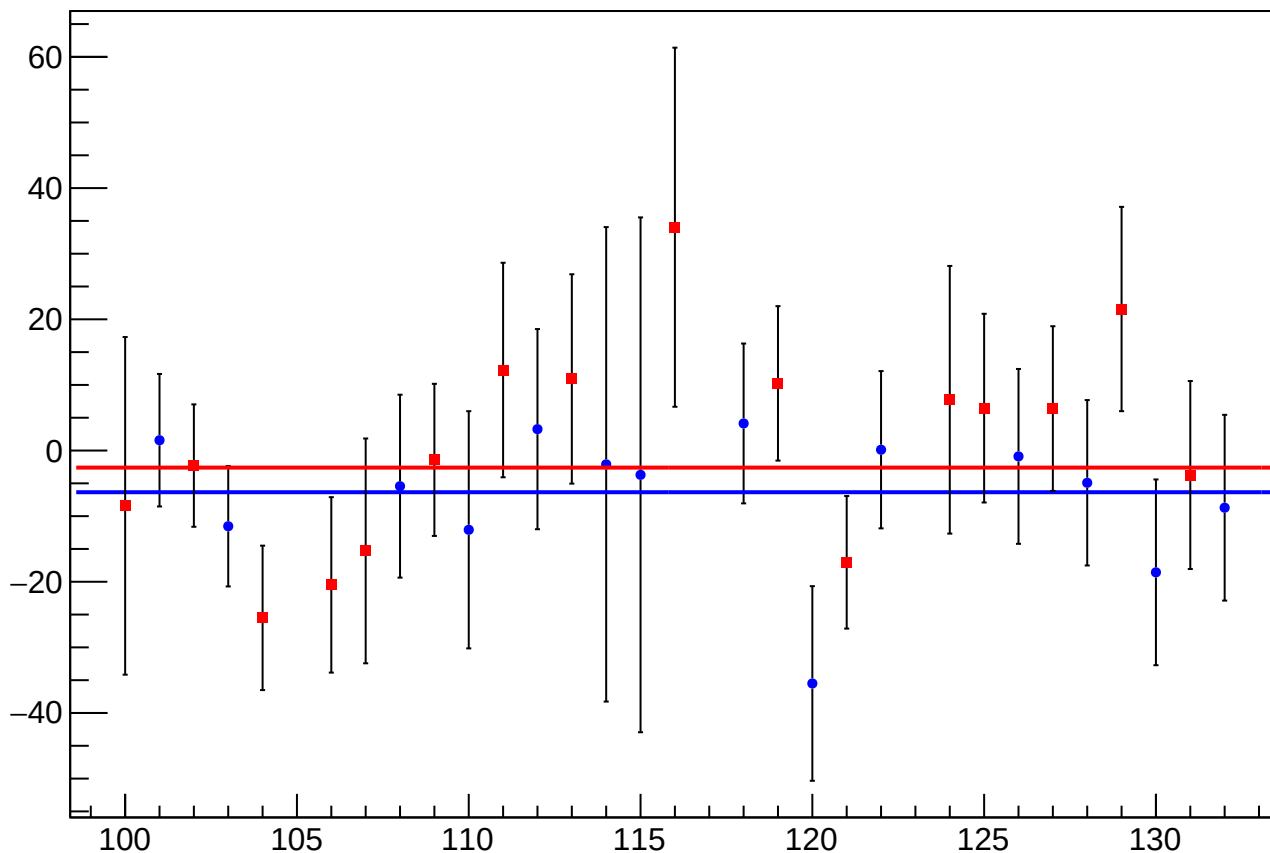
Right: 321.920+/-0.065 χ^2 /NDF: 32240.3/29

In: 323.450+/-0.094 χ^2 /NDF:16334.2/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 321.920+/-0.065 χ^2 /NDF: 32240.3/29

diff_bpm_4aY_4acY_avg_mean vs Slug, Sign Corrected



Right In: -6.353+/-3.633 χ^2/NDF : 7.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.600+/-3.404 χ^2/NDF : 16.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

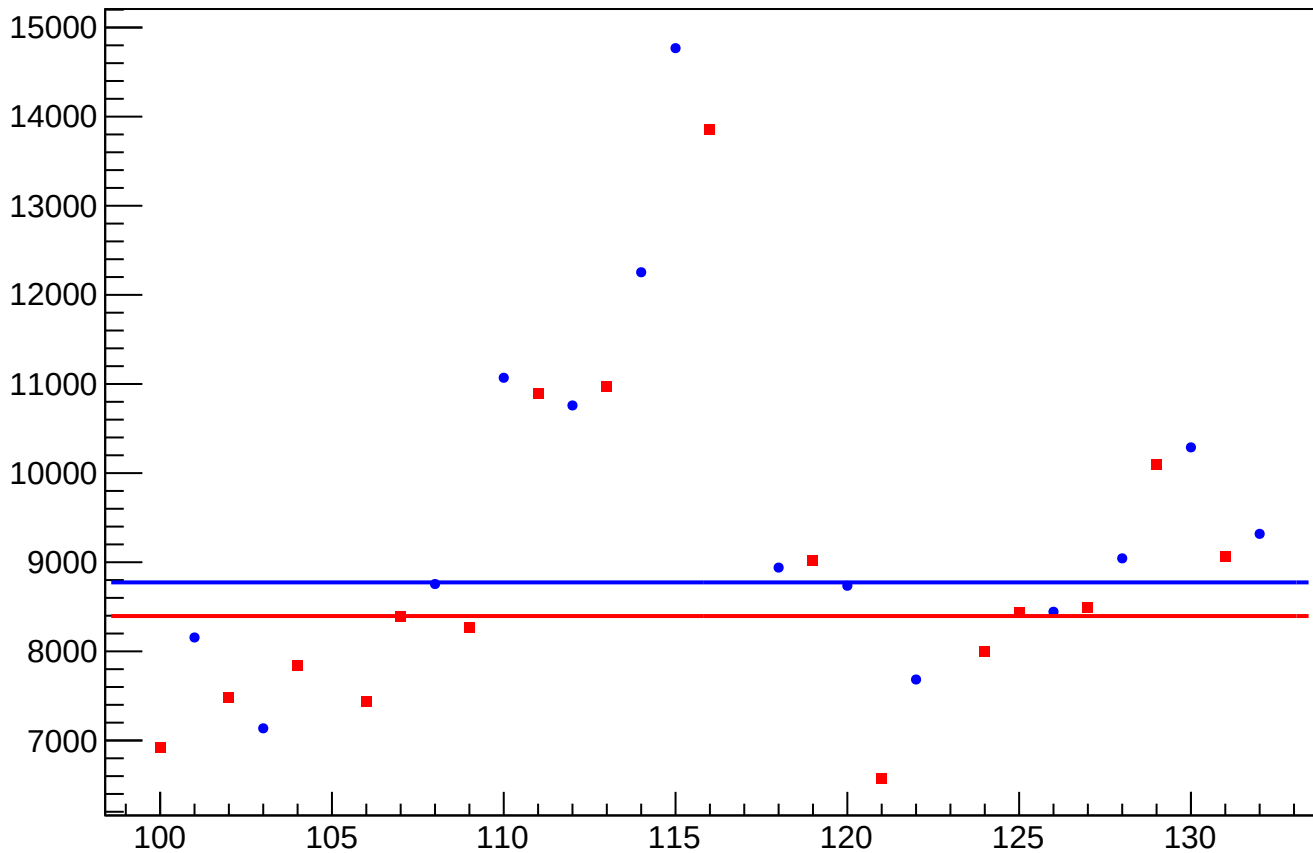
Right: -4.354+/-2.484 χ^2/NDF : 24.8/29

In: -6.353+/-3.633 χ^2/NDF : 7.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.354+/-2.484 χ^2/NDF : 24.8/29

diff_bpm_4aY_4acY_avg_rms vs Slug, Sign Corrected



Right In: 8773.791+/-2.569 χ^2/NDF : 247434.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 8396.262+/-2.407 χ^2/NDF : 319052.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

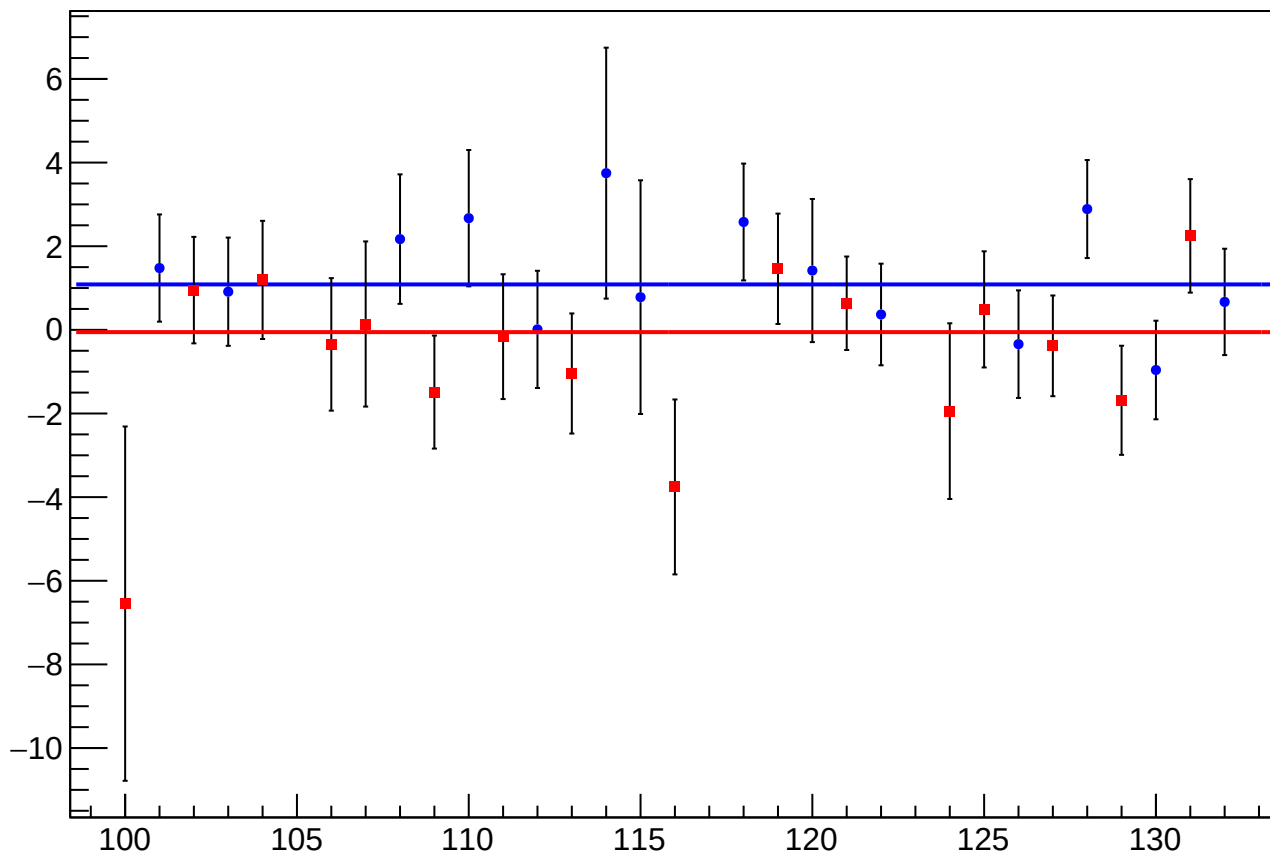
Right: 8572.715+/-1.756 χ^2/NDF : 577986.8/29

In: 8773.791+/-2.569 χ^2/NDF :247434.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 8572.715+/-1.756 χ^2/NDF : 577986.8/29

diff_bpm_4aY_4acY_dd_mean vs Slug, Sign Corrected



Right In: 1.086 $\pm$ 0.379 χ^2 /NDF: 11.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.054 $\pm$ 0.366 χ^2 /NDF: 15.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

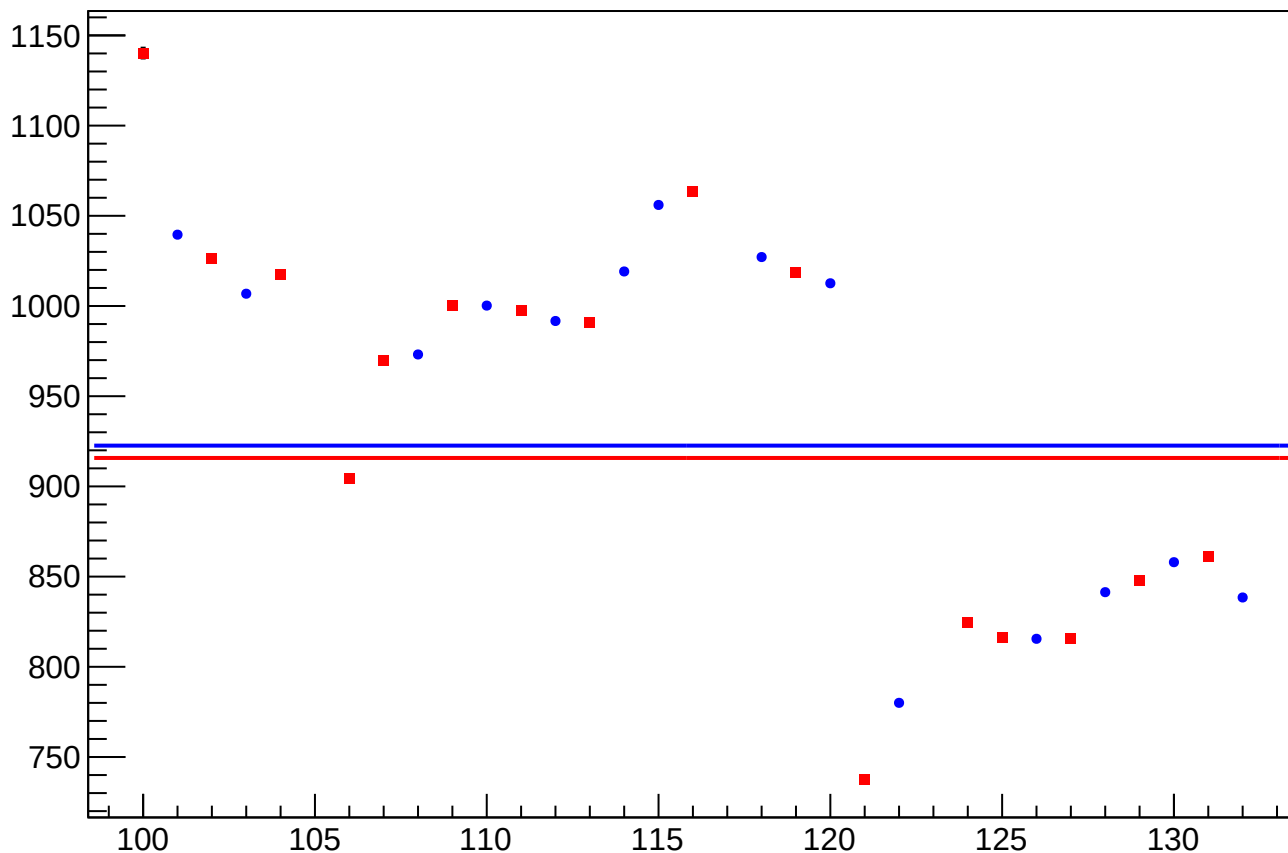
Right: 0.495 $\pm$ 0.263 χ^2 /NDF: 31.6/29

In: 1.086 $\pm$ 0.379 χ^2 /NDF: 11.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.495 $\pm$ 0.263 χ^2 /NDF: 31.6/29

diff_bpm_4aY_4acY_dd_rms vs Slug, Sign Corrected



Right In: 922.607 $\pm$ 0.268 χ^2 /NDF: 125786.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 915.765 $\pm$ 0.259 χ^2 /NDF: 161441.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

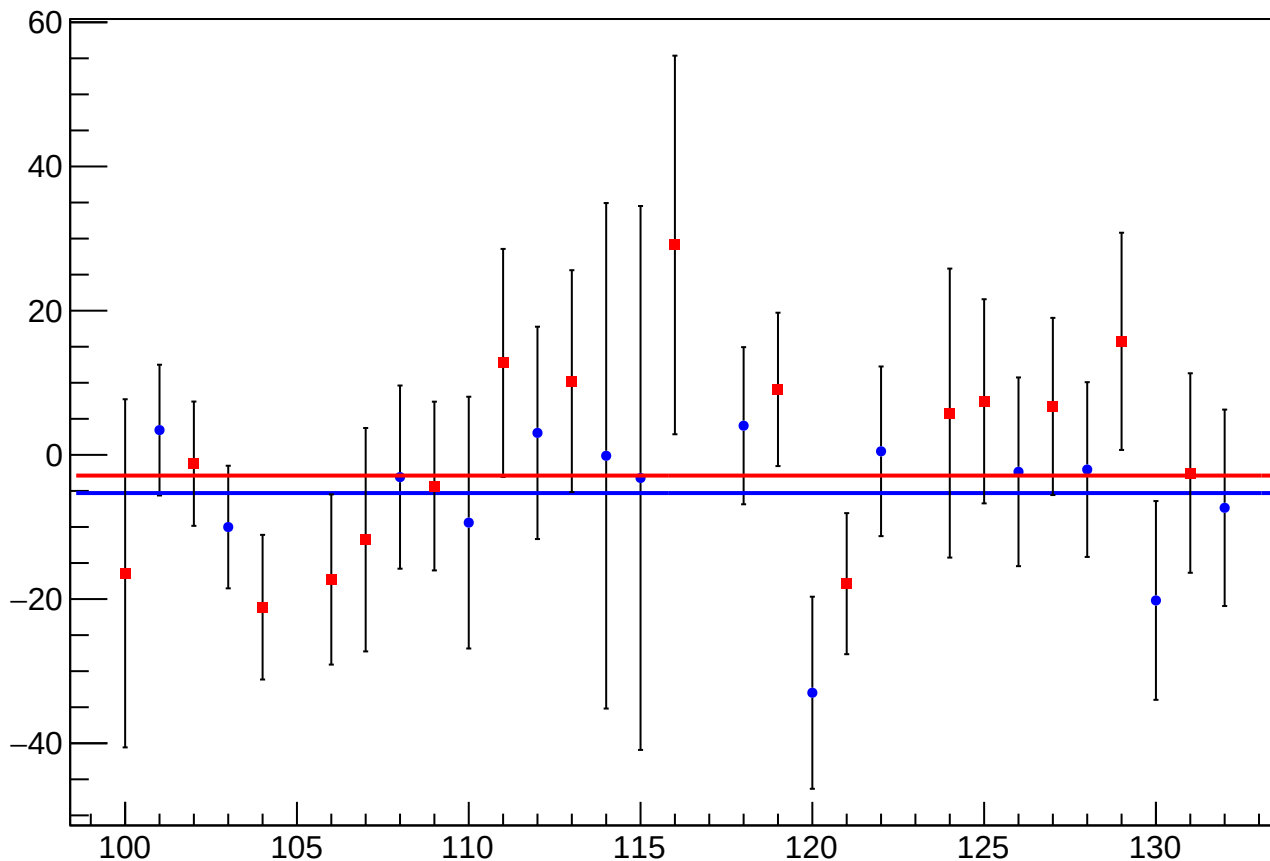
Right: 919.061 $\pm$ 0.186 χ^2 /NDF: 287565.5/29

In: 922.607 $\pm$ 0.268 χ^2 /NDF:125786.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 919.061 $\pm$ 0.186 χ^2 /NDF: 287565.5/29

diff_bpm_4aY_4eY_avg_mean vs Slug, Sign Corrected



Right In: -5.297 $\pm$ 3.406 χ^2 /NDF: 8.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.870 $\pm$ 3.220 χ^2 /NDF: 15.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

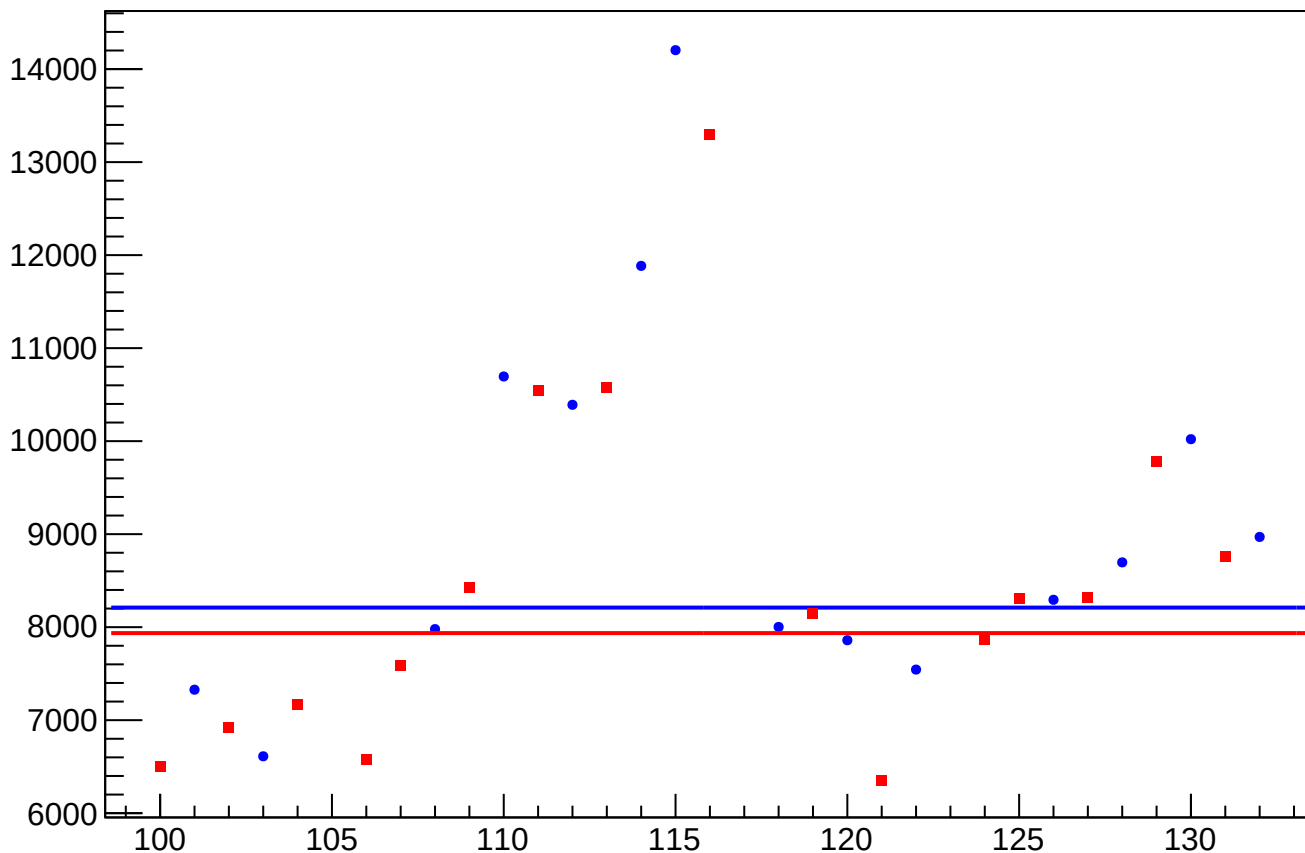
Right: -4.015 $\pm$ 2.340 χ^2 /NDF: 23.7/29

In: -5.297 $\pm$ 3.406 χ^2 /NDF: 8.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -4.015 $\pm$ 2.340 χ^2 /NDF: 23.7/29

diff_bpm_4aY_4eY_avg_rms vs Slug, Sign Corrected



Right In: 8210.337+/-2.409 χ^2/NDF : 299721.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 7936.140+/-2.277 χ^2/NDF : 367593.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

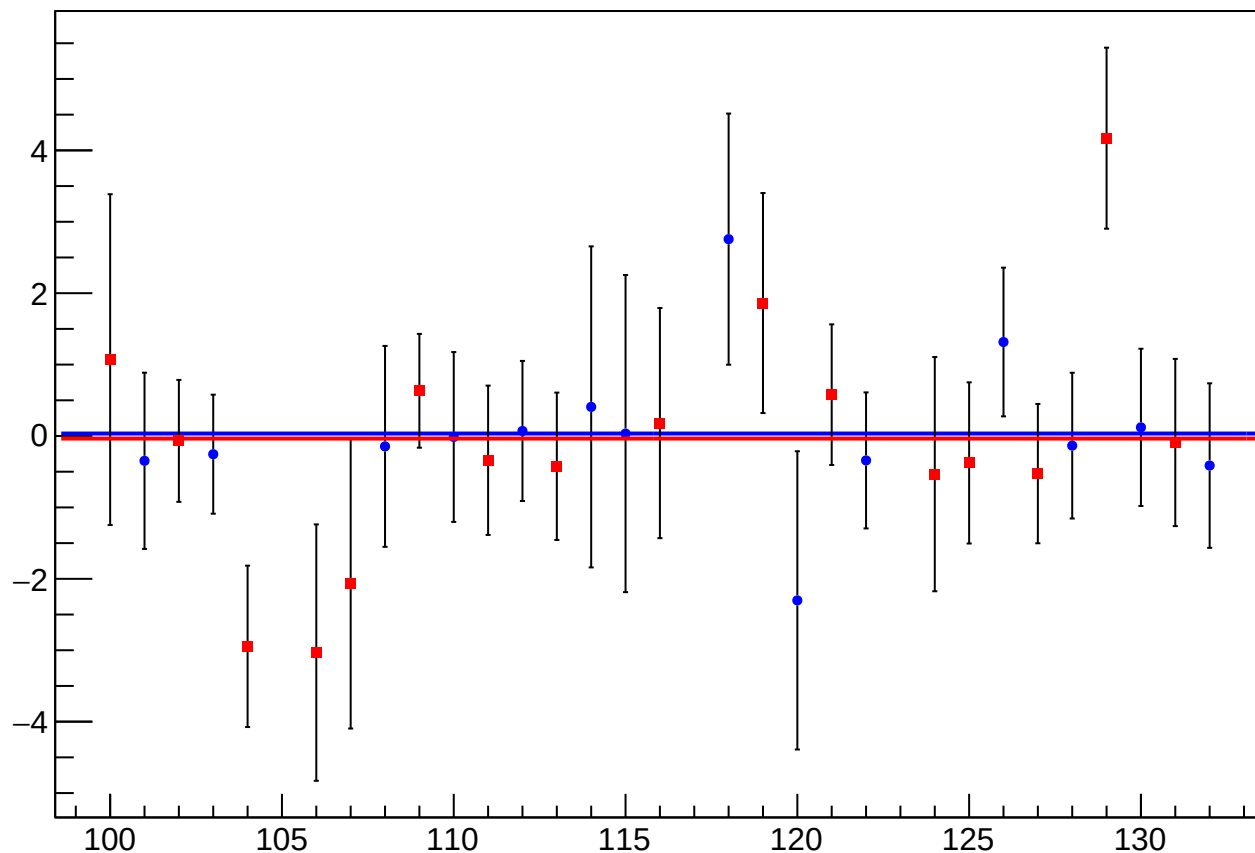
Right: 8065.527+/-1.655 χ^2/NDF : 674158.7/29

In: 8210.337+/-2.409 χ^2/NDF :299721.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 8065.527+/-1.655 χ^2/NDF : 674158.7/29

diff_bpm_4aY_4eY_dd_mean vs Slug, Sign Corrected



Right In: 0.035 $\pm$ 0.318 χ^2 /NDF: 5.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.036 $\pm$ 0.292 χ^2 /NDF: 25.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

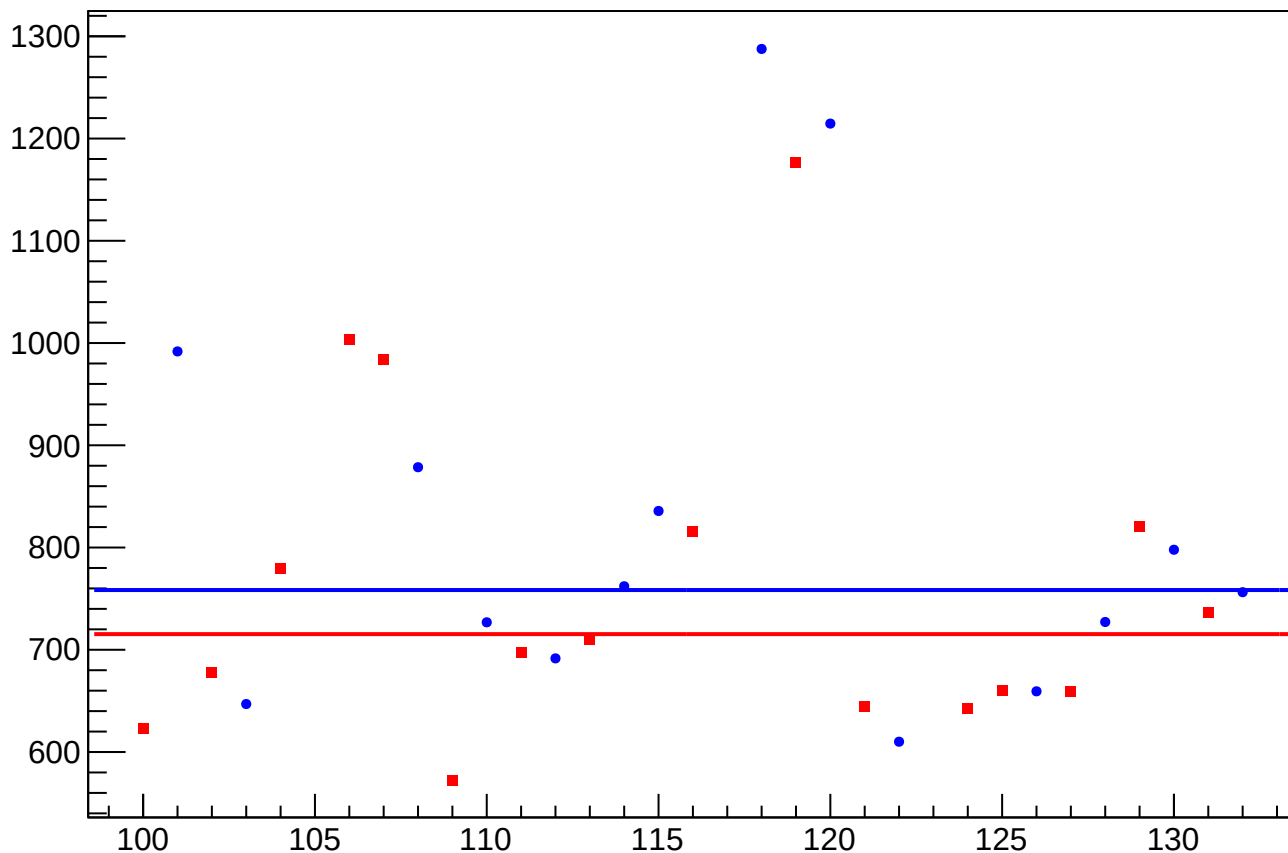
Right: -0.004 $\pm$ 0.215 χ^2 /NDF: 30.7/29

In: 0.035 $\pm$ 0.318 χ^2 /NDF:5.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.215 χ^2 /NDF: 30.7/29

diff_bpm_4aY_4eY_dd_rms vs Slug, Sign Corrected



Right In: 758.415+/-0.225 χ^2/NDF : 482689.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 715.297+/-0.207 χ^2/NDF : 391652.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

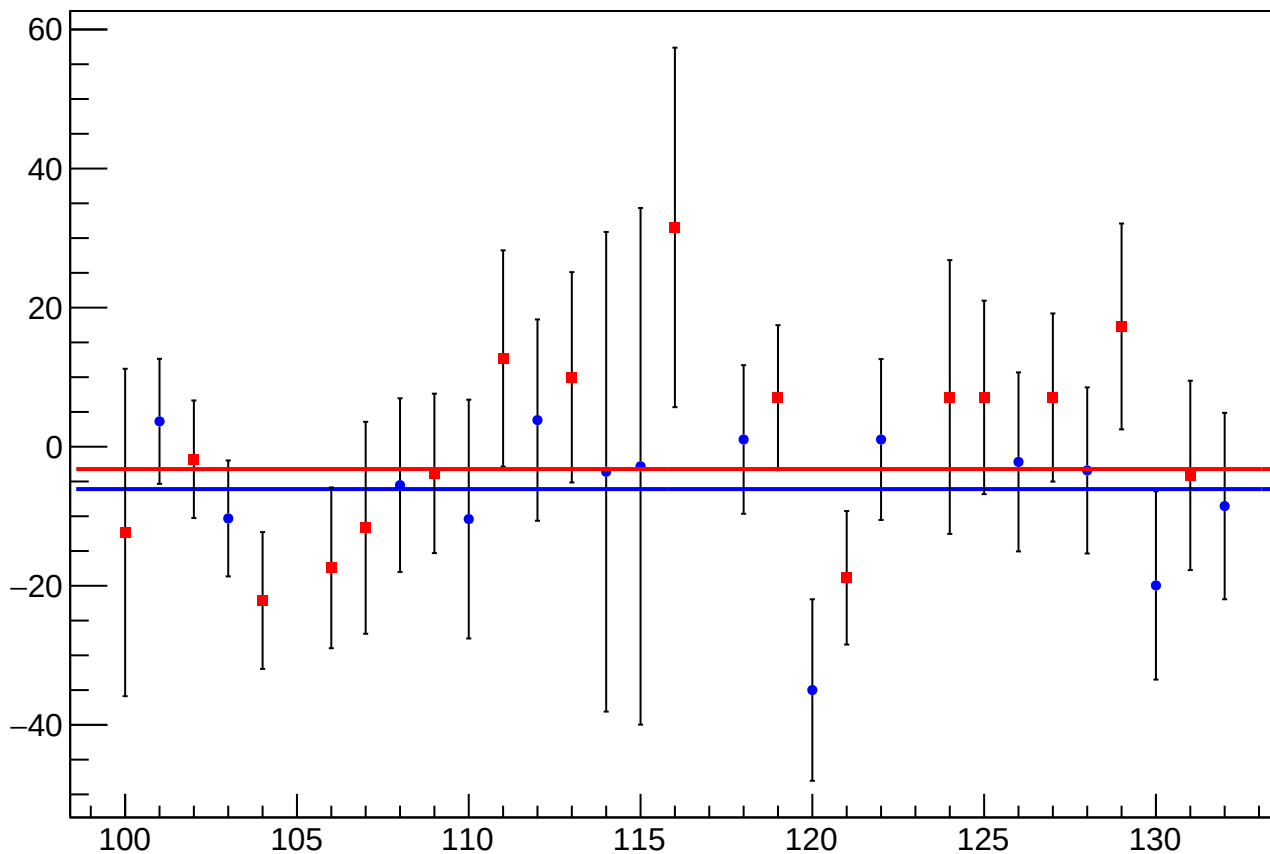
Right: 735.002+/-0.152 χ^2/NDF : 894260.4/29

In: 758.415+/-0.225 χ^2/NDF : 482689.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 735.002+/-0.152 χ^2/NDF : 894260.4/29

diff_bpm_4aY_4ecY_avg_mean vs Slug, Sign Corrected



Right In: -6.092 $\pm$ 3.351 χ^2 /NDF: 8.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.213 $\pm$ 3.160 χ^2 /NDF: 16.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

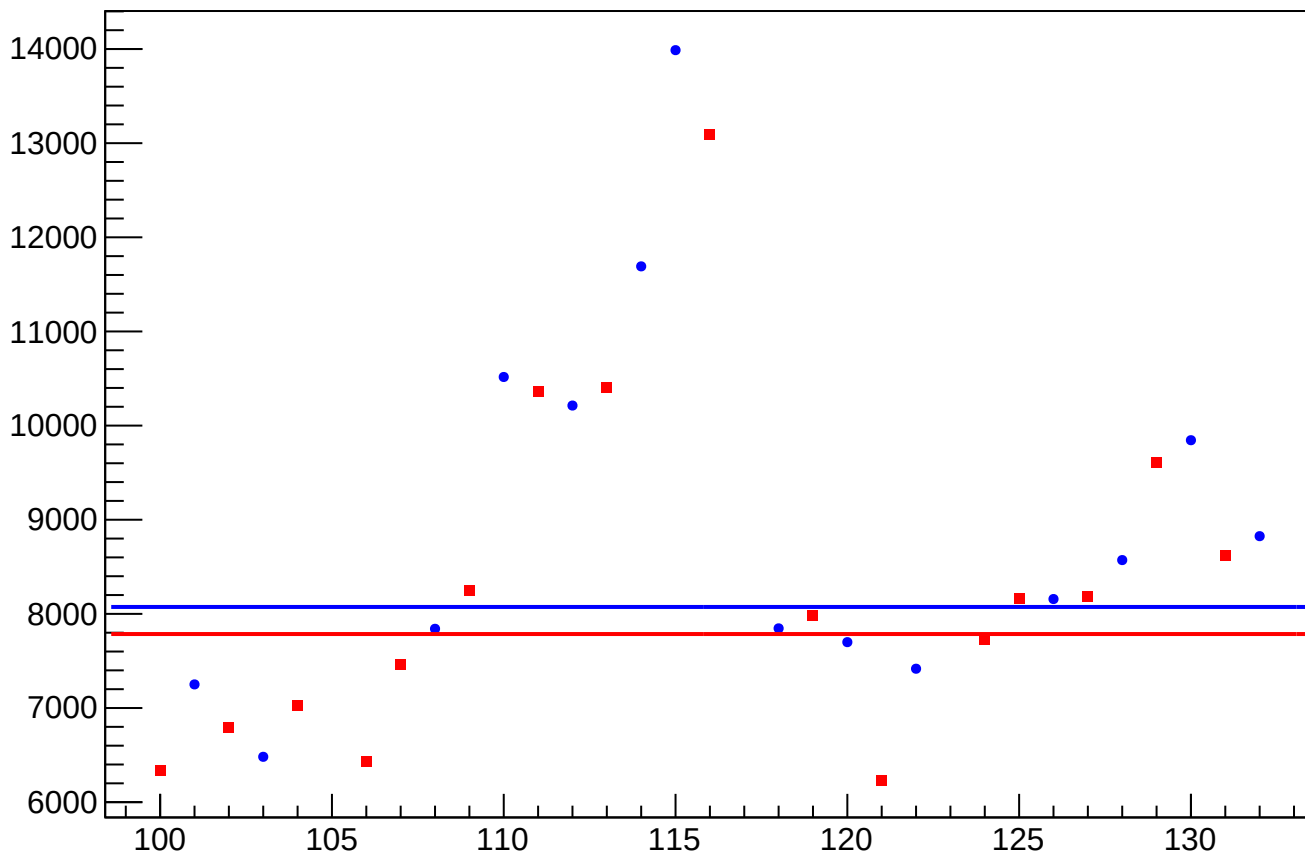
Right: -4.569 $\pm$ 2.299 χ^2 /NDF: 25.7/29

In: -6.092 $\pm$ 3.351 χ^2 /NDF:8.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.569 $\pm$ 2.299 χ^2 /NDF: 25.7/29

diff_bpm_4aY_4ecY_avg_rms vs Slug, Sign Corrected



Right In: 8073.537+/-2.369 χ^2/NDF : 300308.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 7785.870+/-2.235 χ^2/NDF : 372042.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

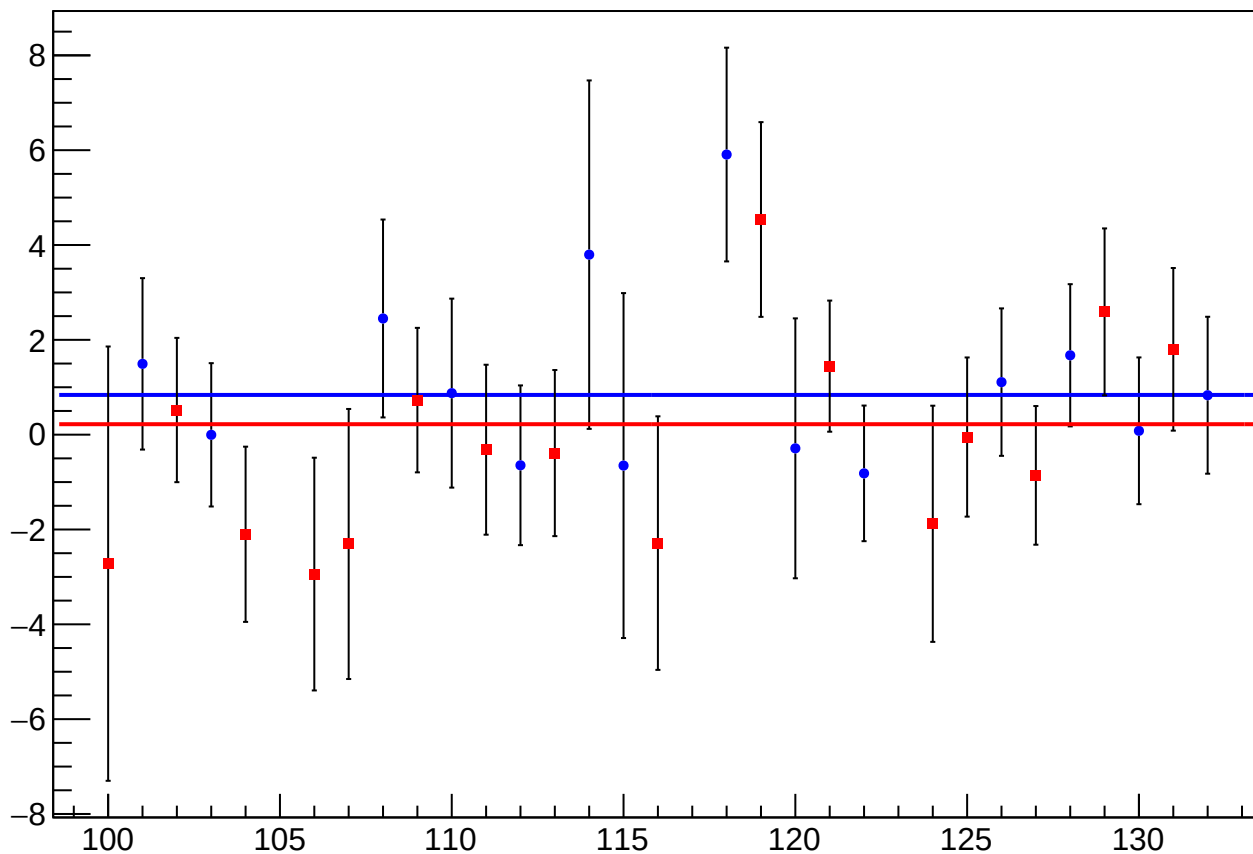
Right: 7921.299+/-1.626 χ^2/NDF : 680152.2/29

In: 8073.537+/-2.369 χ^2/NDF :300308.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7921.299+/-1.626 χ^2/NDF : 680152.2/29

diff_bpm_4aY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 0.838 $\pm$ 0.489 χ^2 /NDF: 9.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.221 $\pm$ 0.462 χ^2 /NDF: 14.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

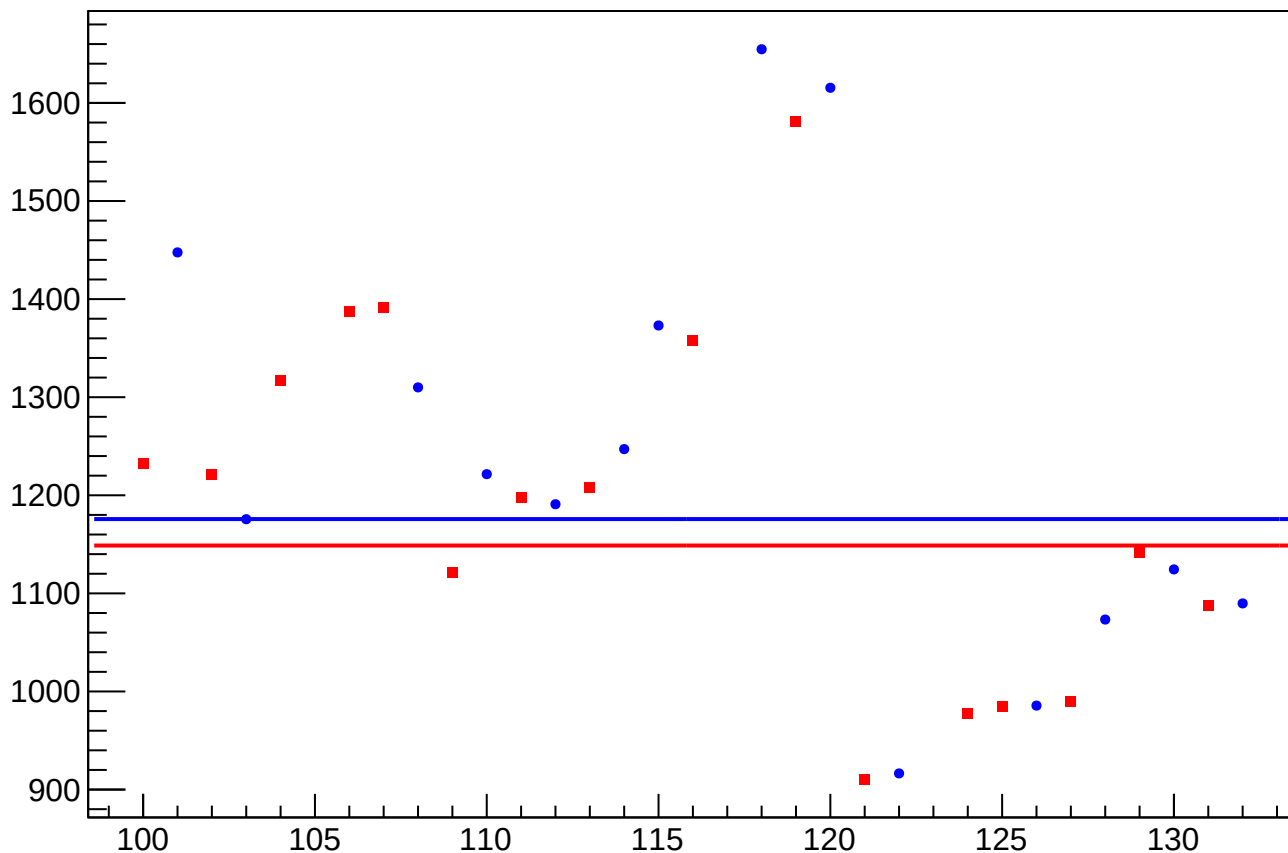
Right: 0.512 $\pm$ 0.336 χ^2 /NDF: 25.4/29

In: 0.838 $\pm$ 0.489 χ^2 /NDF:9.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.512 $\pm$ 0.336 χ^2 /NDF: 25.4/29

diff_bpm_4aY_4ecY_dd_rms vs Slug, Sign Corrected



Right In: 1175.753+/-0.346 χ^2/NDF : 315727.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1148.780+/-0.327 χ^2/NDF : 275194.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

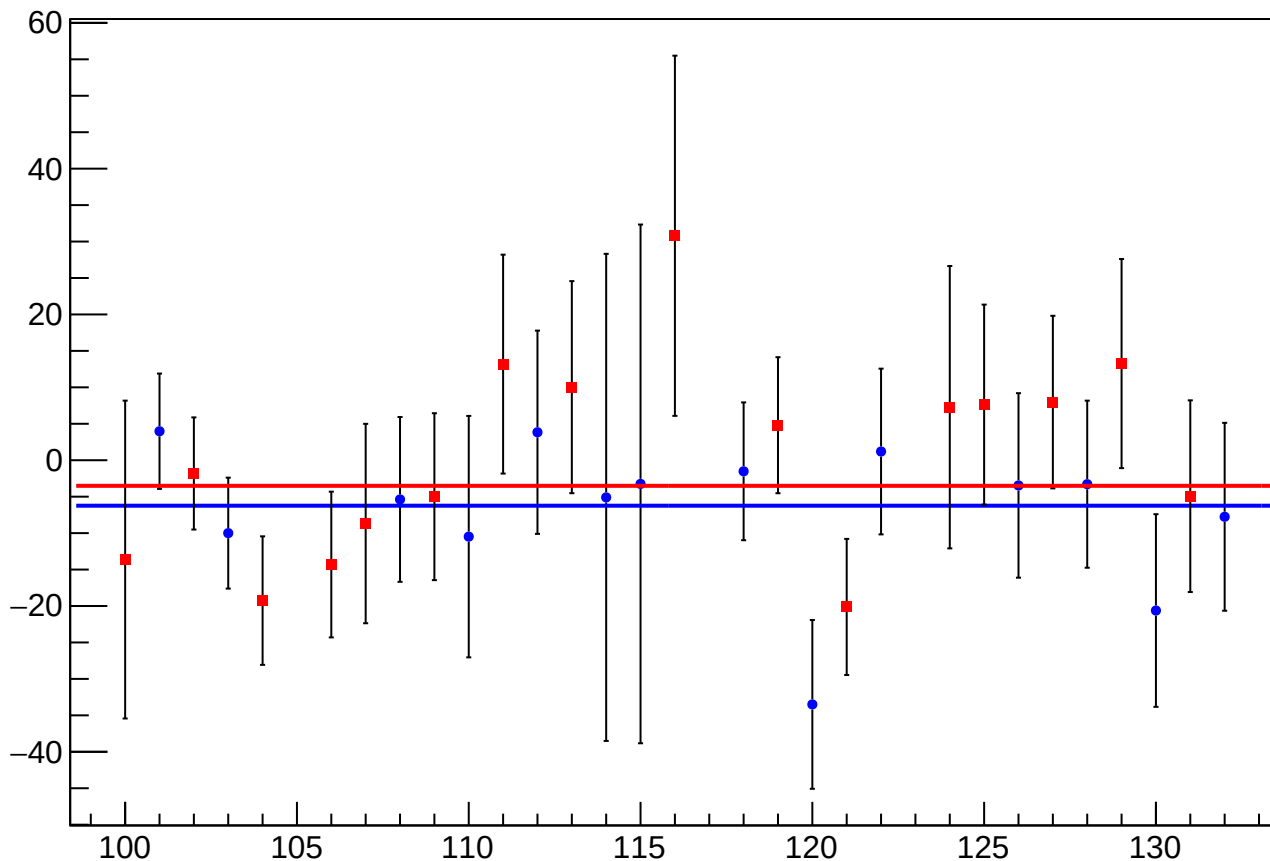
Right: 1161.522+/-0.238 χ^2/NDF : 594135.5/29

In: 1175.753+/-0.346 χ^2/NDF : 315727.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1161.522+/-0.238 χ^2/NDF : 594135.5/29

diff_bpm_4eY_4ecY_avg_mean vs Slug, Sign Corrected



Right In: -6.239 ± 3.108 χ^2/NDF : 10.0/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.511 ± 2.957 χ^2/NDF : 16.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

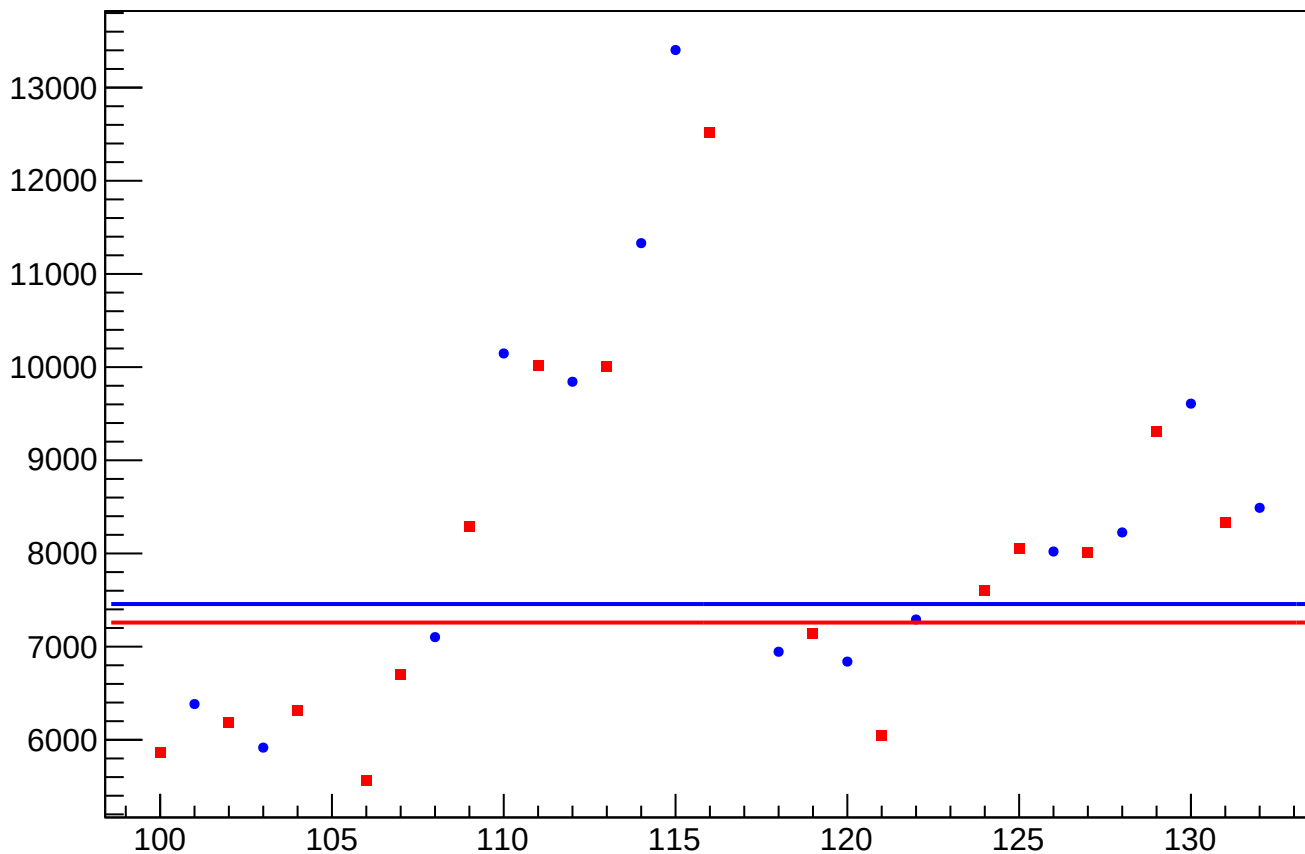
Right: -4.807 ± 2.142 χ^2/NDF : 26.5/29

In: -6.239 ± 3.108 χ^2/NDF : 10.0/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.807 ± 2.142 χ^2/NDF : 26.5/29

diff_bpm_4eY_4ecY_avg_rms vs Slug, Sign Corrected



Right In: 7457.186+/-2.198 χ^2/NDF : 405545.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 7258.637+/-2.091 χ^2/NDF : 479905.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

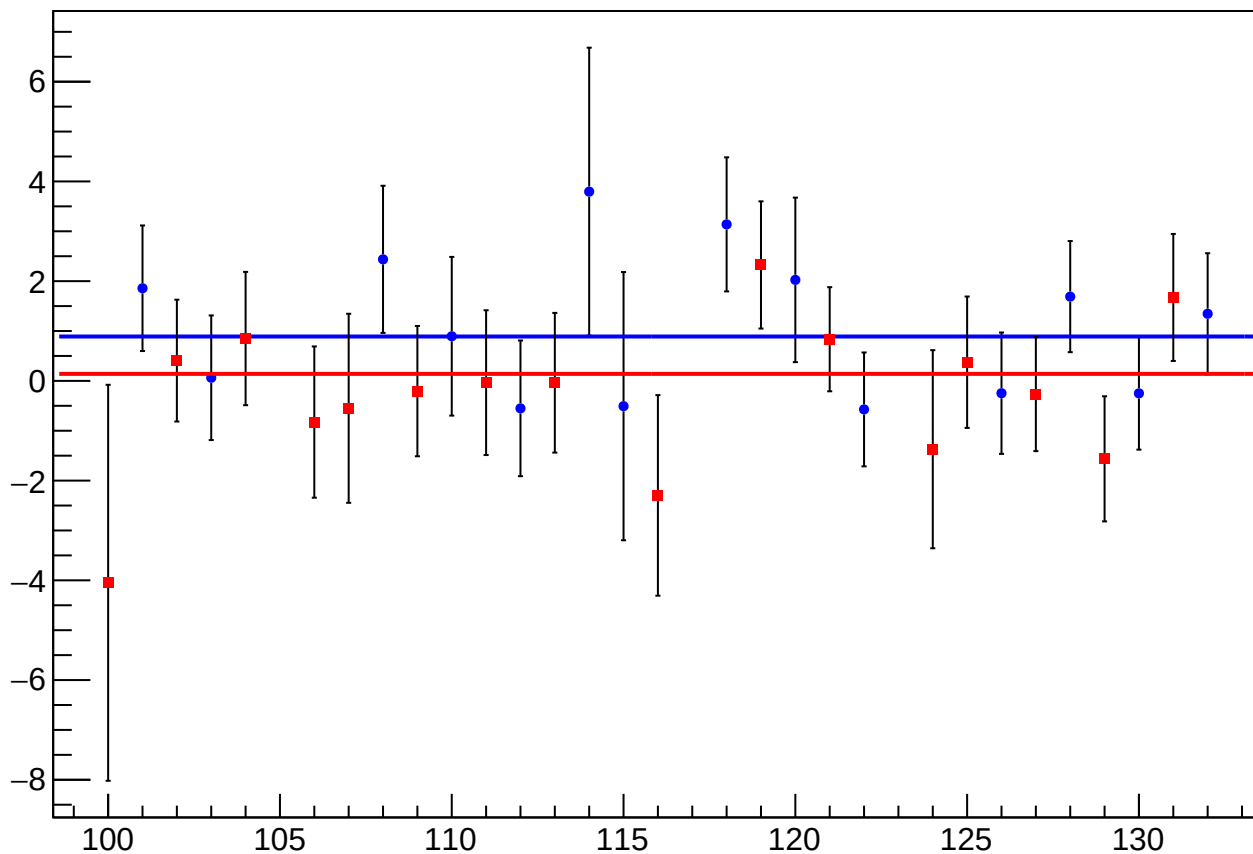
Right: 7352.972+/-1.515 χ^2/NDF : 889734.8/29

In: 7457.186+/-2.198 χ^2/NDF :405545.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7352.972+/-1.515 χ^2/NDF : 889734.8/29

diff_bpm_4eY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 0.890 $\pm$ 0.364 χ^2 /NDF: 12.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.141 $\pm$ 0.349 χ^2 /NDF: 11.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

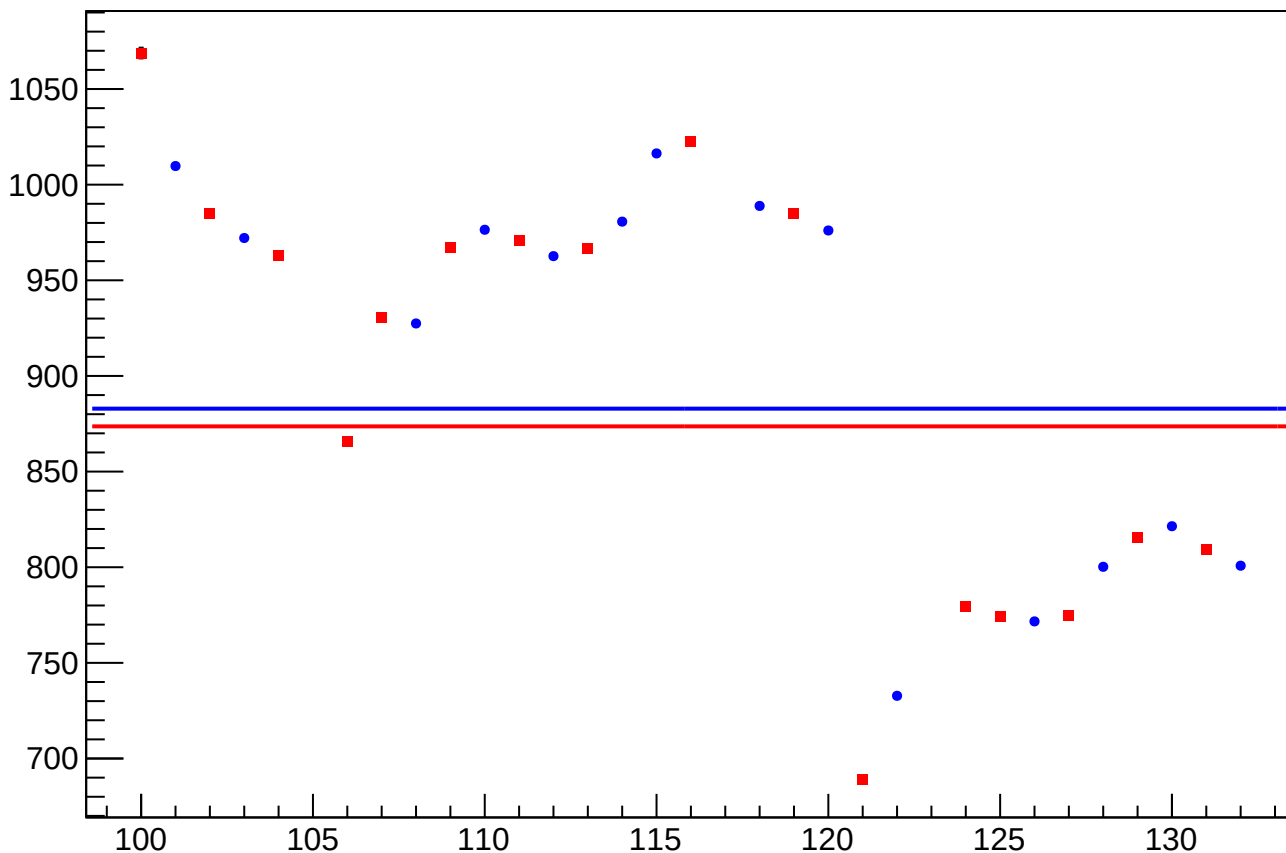
Right: 0.500 $\pm$ 0.252 χ^2 /NDF: 25.2/29

In: 0.890 $\pm$ 0.364 χ^2 /NDF:12.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.500 $\pm$ 0.252 χ^2 /NDF: 25.2/29

diff_bpm_4eY_4ecY_dd_rms vs Slug, Sign Corrected



Right In: 882.901+/-0.257 χ^2/NDF : 149465.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 873.636+/-0.247 χ^2/NDF : 189232.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

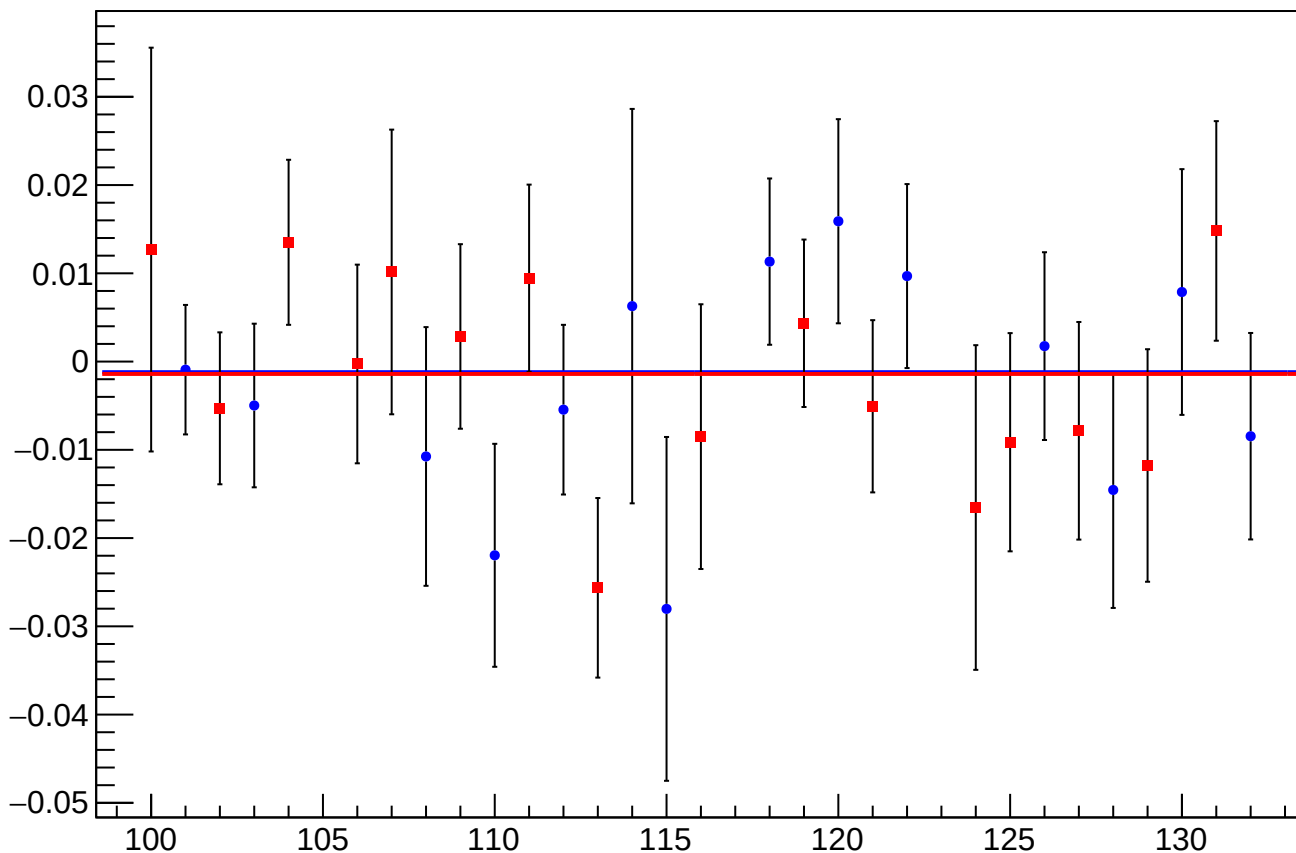
Right: 878.079+/-0.178 χ^2/NDF : 339373.3/29

In: 882.901+/-0.257 χ^2/NDF : 149465.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 878.079+/-0.178 χ^2/NDF : 339373.3/29

diff_dispE_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.001 ± 0.003 χ^2/NDF : 12.4/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.001 ± 0.003 χ^2/NDF : 14.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

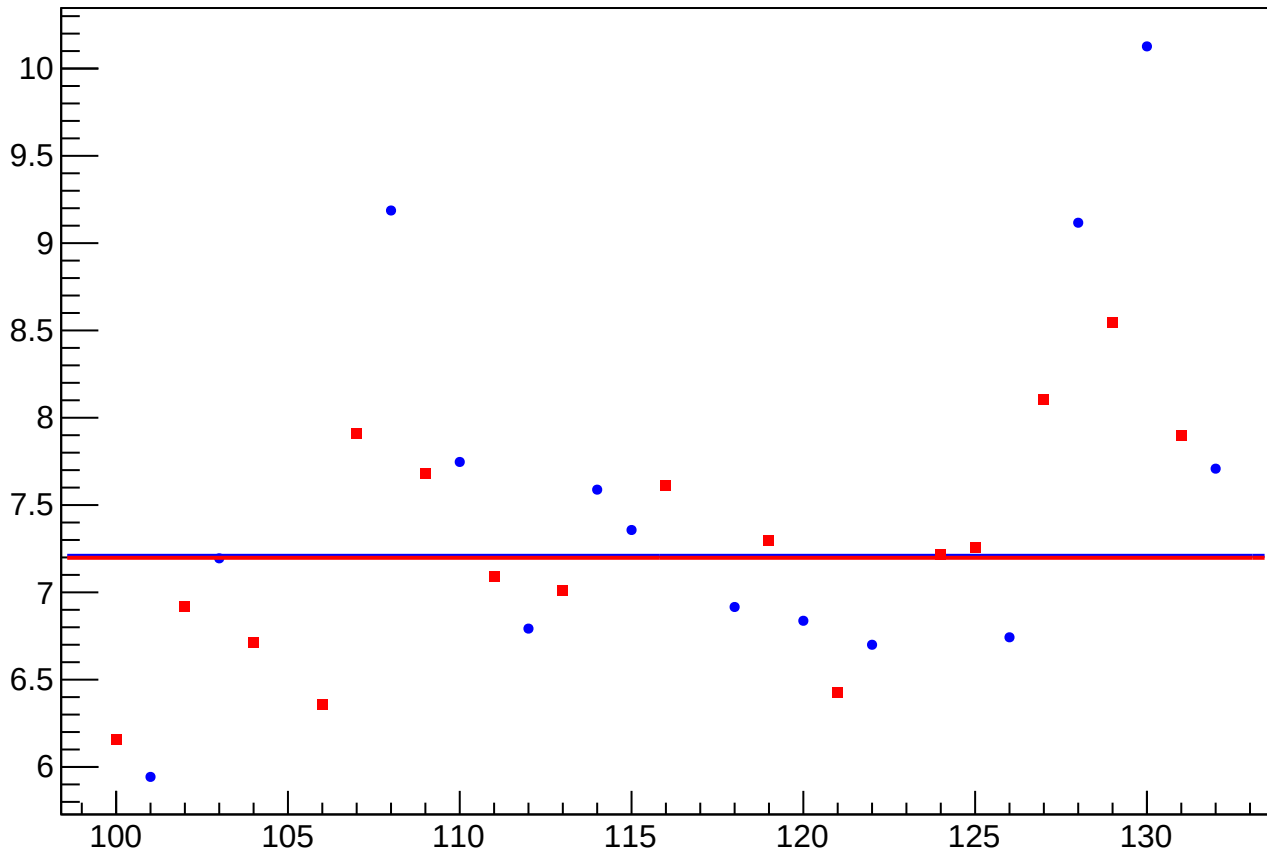
Right: -0.001 ± 0.002 χ^2/NDF : 27.4/29

In: -0.001 ± 0.003 χ^2/NDF : 12.4/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.001 ± 0.002 χ^2/NDF : 27.4/29

diff_dispE_bpm12X_rms vs Slug, Sign Corrected



Right In: 7.209+/-0.002 χ^2/NDF : 248867.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.198+/-0.002 χ^2/NDF : 84143.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

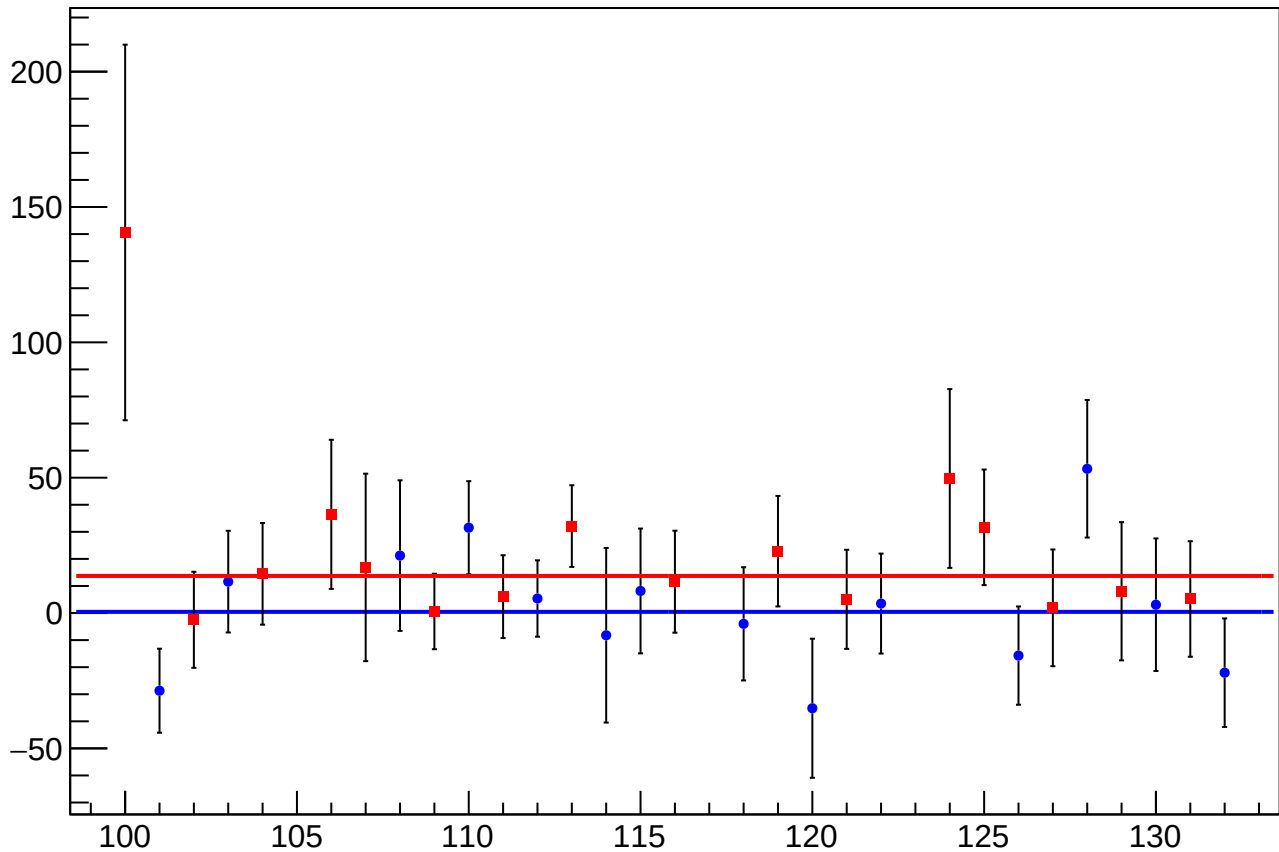
Right: 7.203+/-0.001 χ^2/NDF : 333025.5/29

In: 7.209+/-0.002 χ^2/NDF : 248867.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.203+/-0.001 χ^2/NDF : 333025.5/29

diff_targ_positionX_mean vs Slug, Sign Corrected



Right In: 0.438+/-5.344 χ^2/NDF : 16.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.710+/-5.040 χ^2/NDF : 10.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

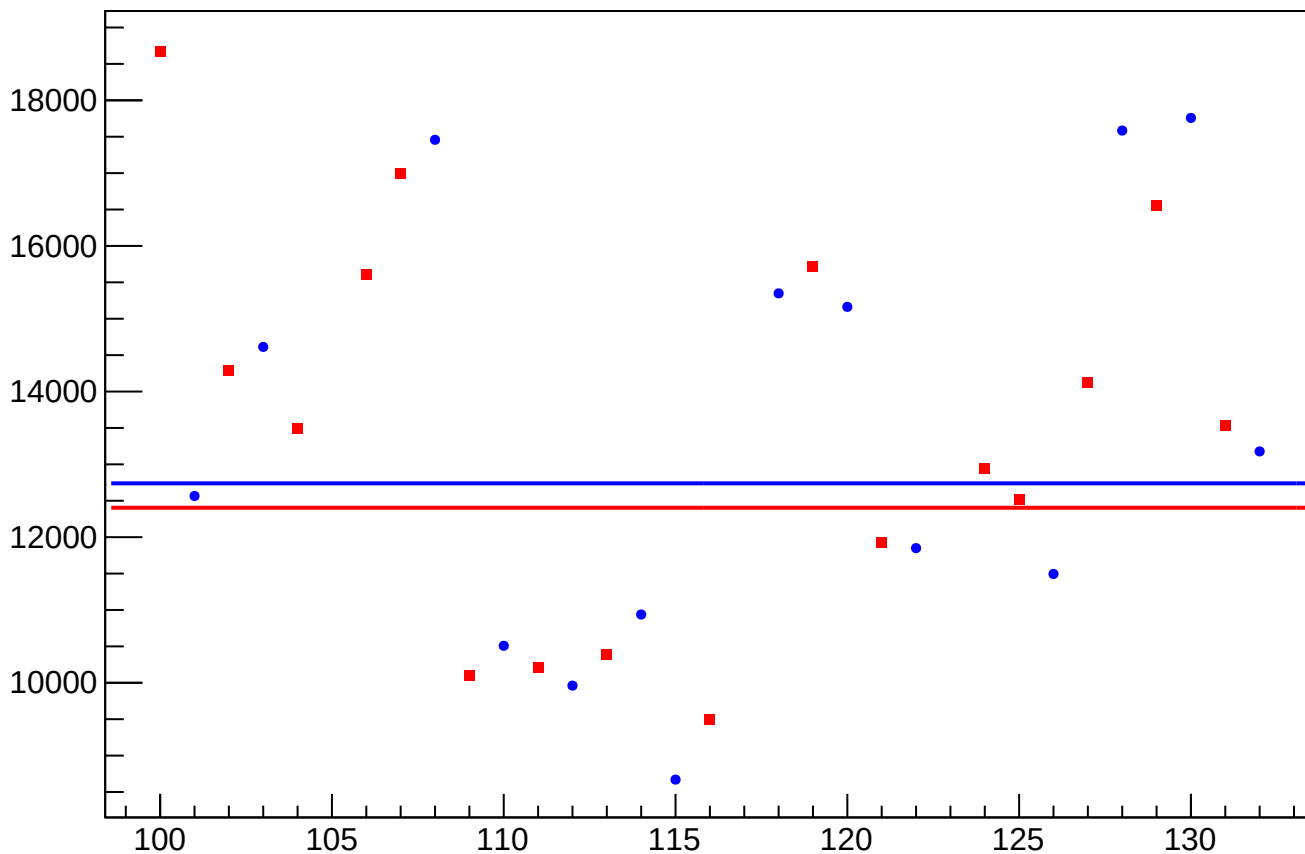
Right: 7.463+/-3.667 χ^2/NDF : 30.0/29

In: 0.438+/-5.344 χ^2/NDF : 16.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.463+/-3.667 χ^2/NDF : 30.0/29

diff_targ_positionX_rms vs Slug, Sign Corrected



Right In: 12739.348+/-3.779 χ^2/NDF : 478300.9/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 12404.079+/-3.564 χ^2/NDF : 412137.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

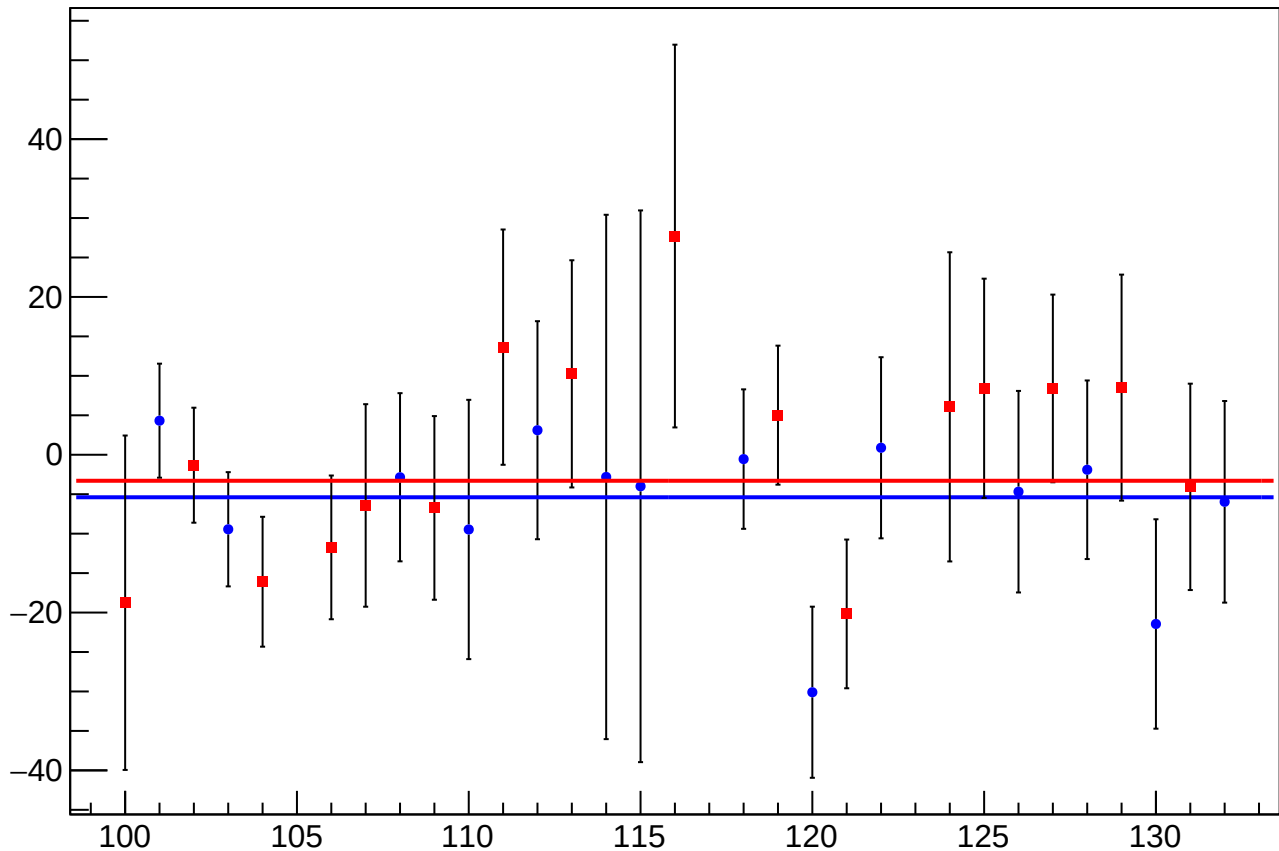
Right: 12561.885+/-2.593 χ^2/NDF : 894604.7/29

In: 12739.348+/-3.779 χ^2/NDF :478300.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 12561.885+/-2.593 χ^2/NDF : 894604.7/29

diff_targ_positionY_mean vs Slug, Sign Corrected



Right In: -5.389 ± 2.984 χ^2/NDF : 10.0/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.297 ± 2.862 χ^2/NDF : 14.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

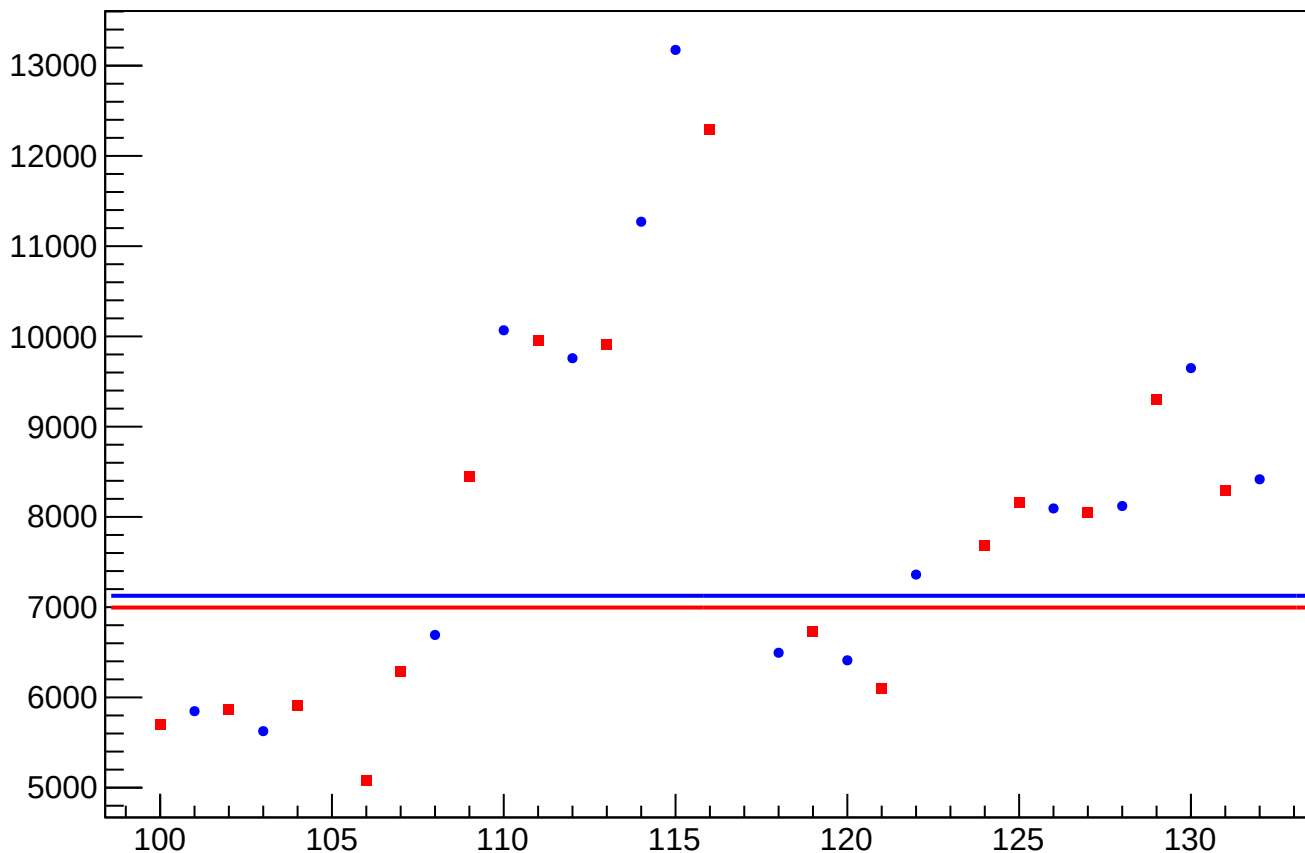
Right: -4.300 ± 2.065 χ^2/NDF : 24.8/29

In: -5.389 ± 2.984 χ^2/NDF : 10.0/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.300 ± 2.065 χ^2/NDF : 24.8/29

diff_targ_positionY_rms vs Slug, Sign Corrected



Right In: 7126.325+/-2.110 χ^2/NDF : 518812.6/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 6995.872+/-2.024 χ^2/NDF : 595304.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

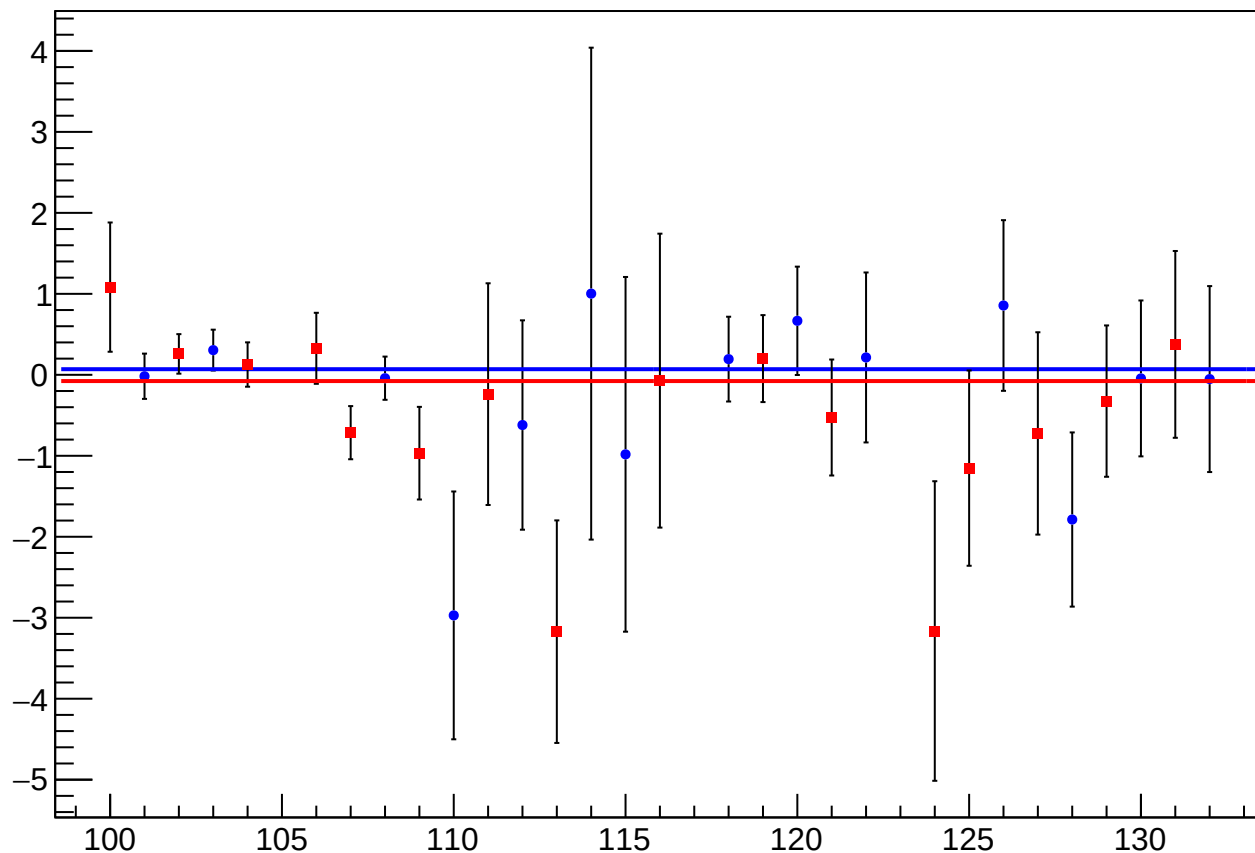
Right: 7058.391+/-1.460 χ^2/NDF : 1116108.6/29

In: 7126.325+/-2.110 χ^2/NDF :518812.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7058.391+/-1.460 χ^2/NDF : 1116108.6/29

diff_targ_thetaX_mean vs Slug, Sign Corrected



Right In: 0.069 $\pm$ 0.136 χ^2 /NDF: 10.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.077 $\pm$ 0.130 χ^2 /NDF: 21.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

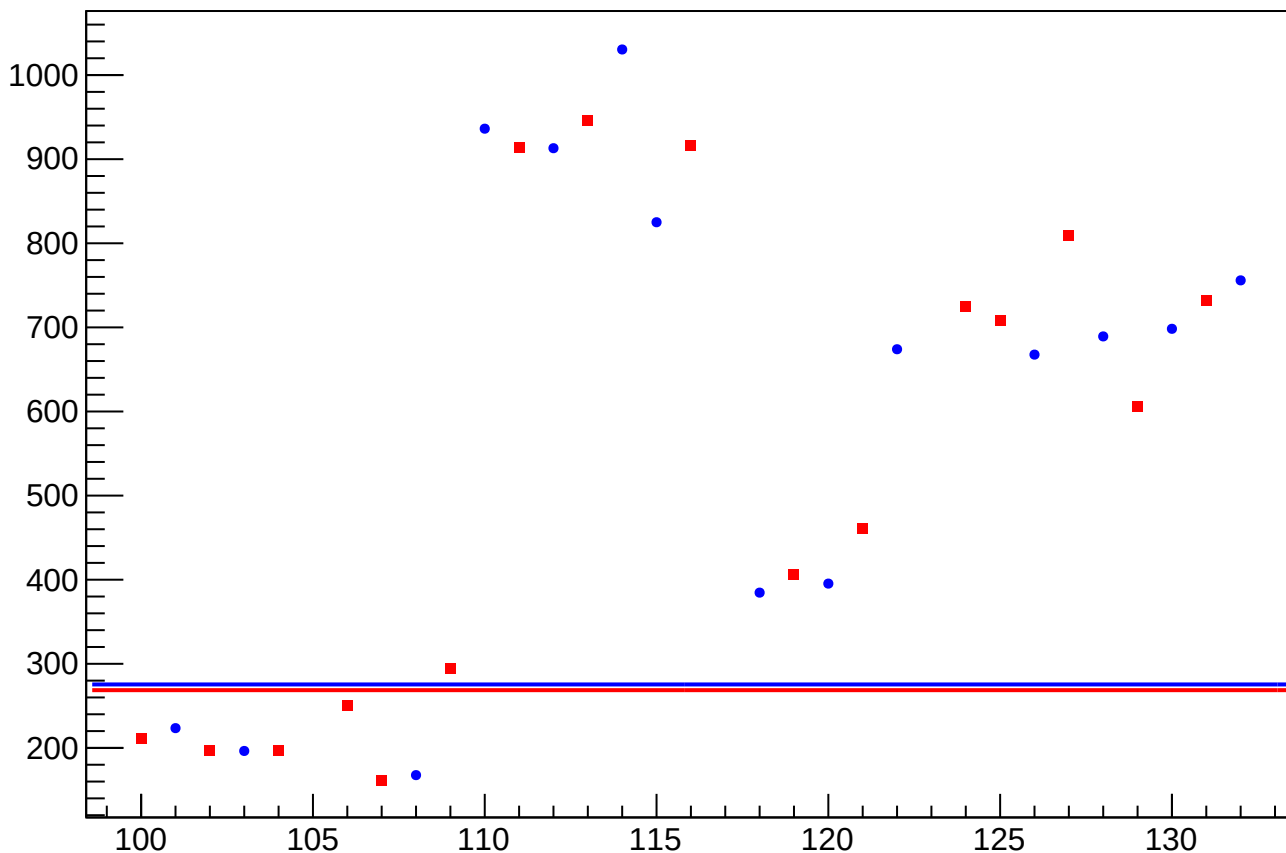
Right: -0.007 $\pm$ 0.094 χ^2 /NDF: 32.2/29

In: 0.069 $\pm$ 0.136 χ^2 /NDF:10.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.094 χ^2 /NDF: 32.2/29

diff_targ_thetaX_rms vs Slug, Sign Corrected



Right In: 275.464+/-0.096 χ^2/NDF : 3449332.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 268.660+/-0.092 χ^2/NDF : 3351481.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

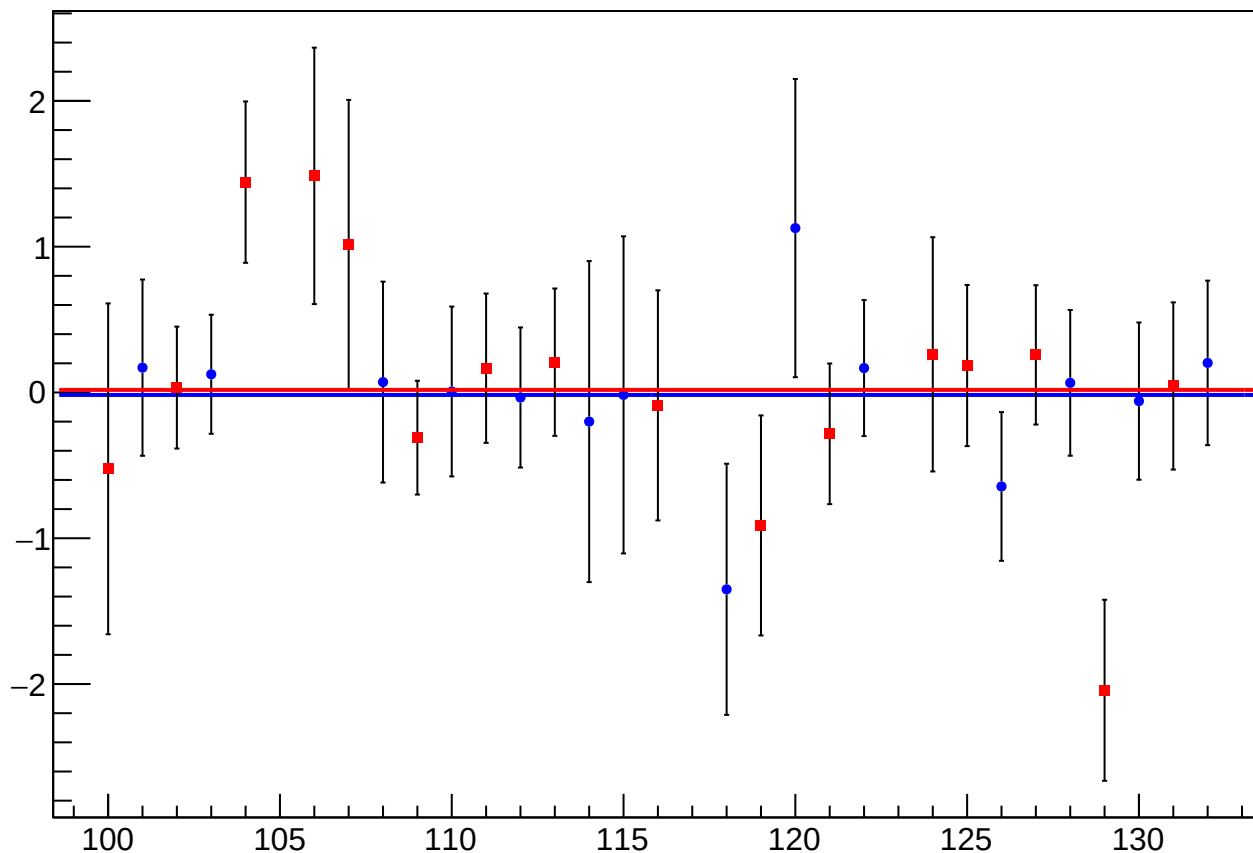
Right: 271.905+/-0.066 χ^2/NDF : 6803442.1/29

In: 275.464+/-0.096 χ^2/NDF :3449332.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 271.905+/-0.066 χ^2/NDF : 6803442.1/29

diff_targ_thetaY_mean vs Slug, Sign Corrected



Right In: -0.017 ± 0.156 χ^2/NDF : 5.8/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.018 ± 0.143 χ^2/NDF : 25.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

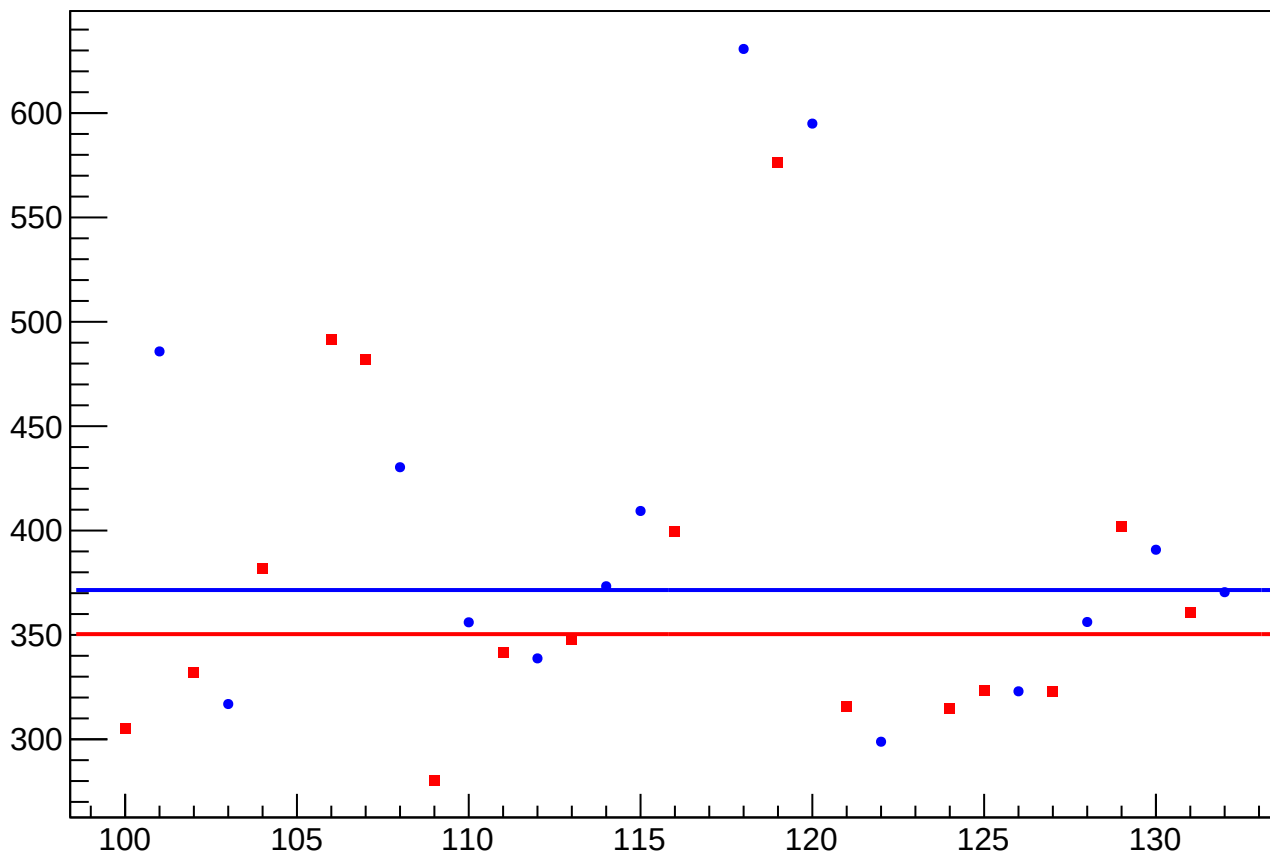
Right: 0.002 ± 0.105 χ^2/NDF : 30.7/29

In: -0.017 ± 0.156 χ^2/NDF : 5.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.002 ± 0.105 χ^2/NDF : 30.7/29

diff_targ_thetaY_rms vs Slug, Sign Corrected



Right In: 371.499+/-0.110 χ^2/NDF : 482689.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 350.378+/-0.101 χ^2/NDF : 391652.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

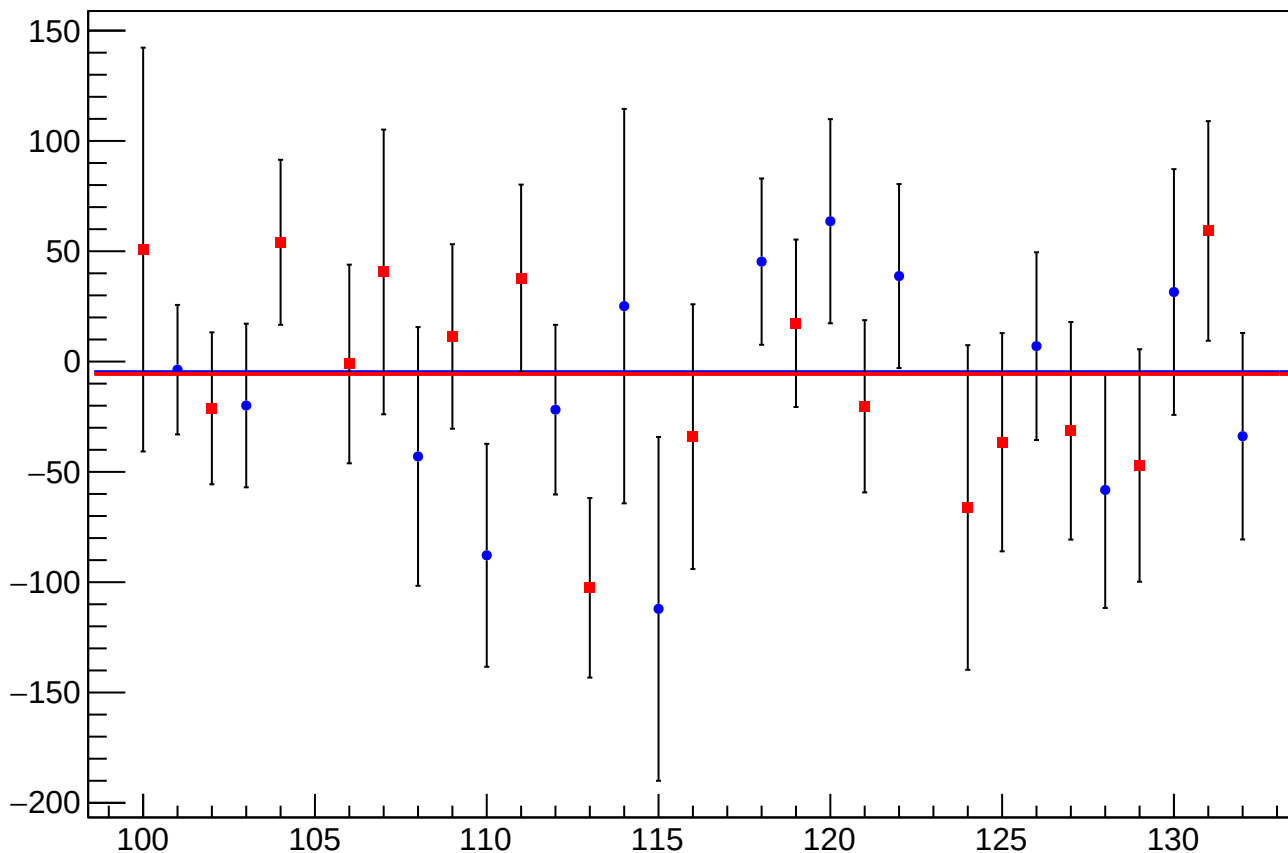
Right: 360.030+/-0.075 χ^2/NDF : 894260.4/29

In: 371.499+/-0.110 χ^2/NDF : 482689.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 360.030+/-0.075 χ^2/NDF : 894260.4/29

diff_bpmE_mean vs Slug, Sign Corrected



Right In: -4.821 ± 11.982 χ^2/NDF : 12.4/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -5.600 ± 11.517 χ^2/NDF : 14.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

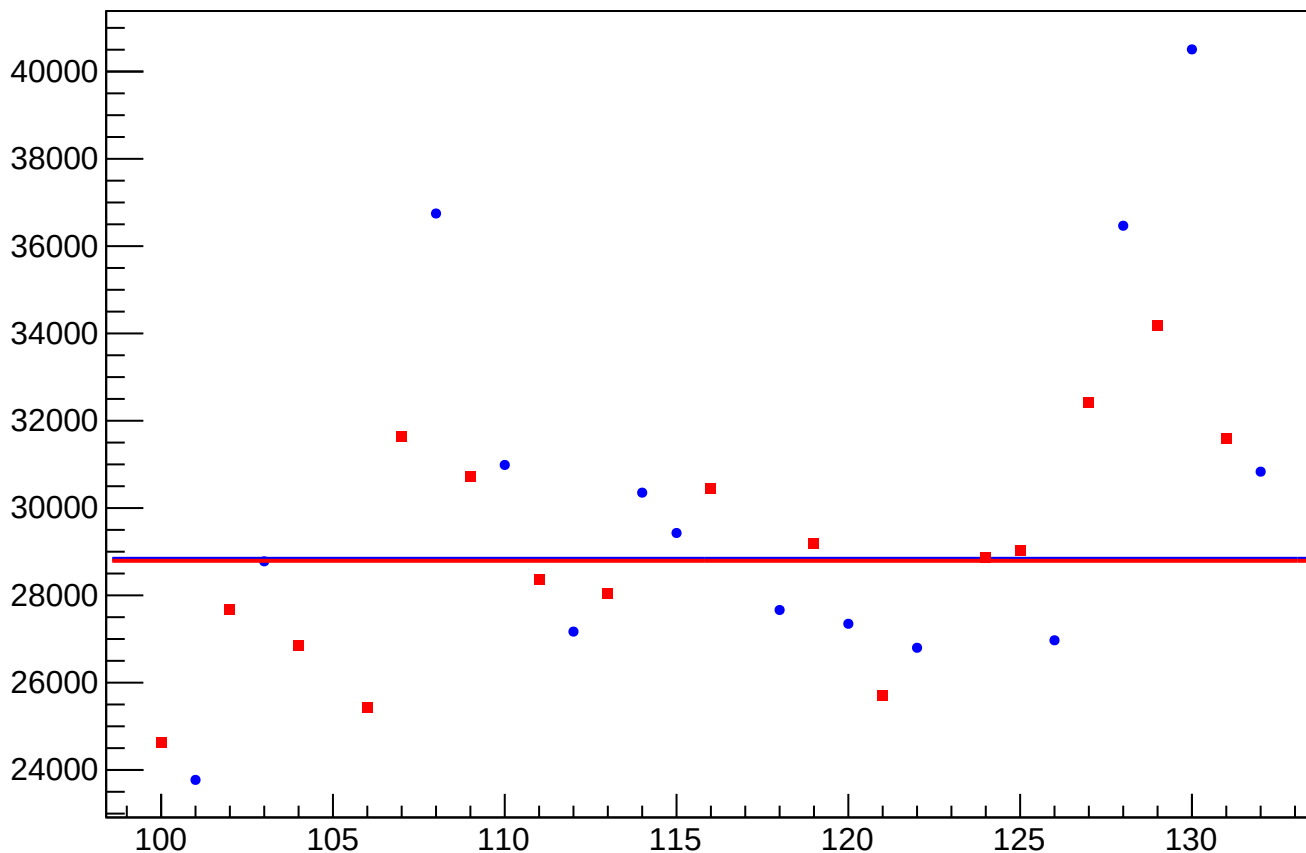
Right: -5.225 ± 8.303 χ^2/NDF : 27.4/29

In: -4.821 ± 11.982 χ^2/NDF : 12.4/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.225 ± 8.303 χ^2/NDF : 27.4/29

diff_bpmE_rms vs Slug, Sign Corrected



Right In: 28836.922+/-8.473 χ^2/NDF : 248867.9/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 28791.963+/-8.143 χ^2/NDF : 84143.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

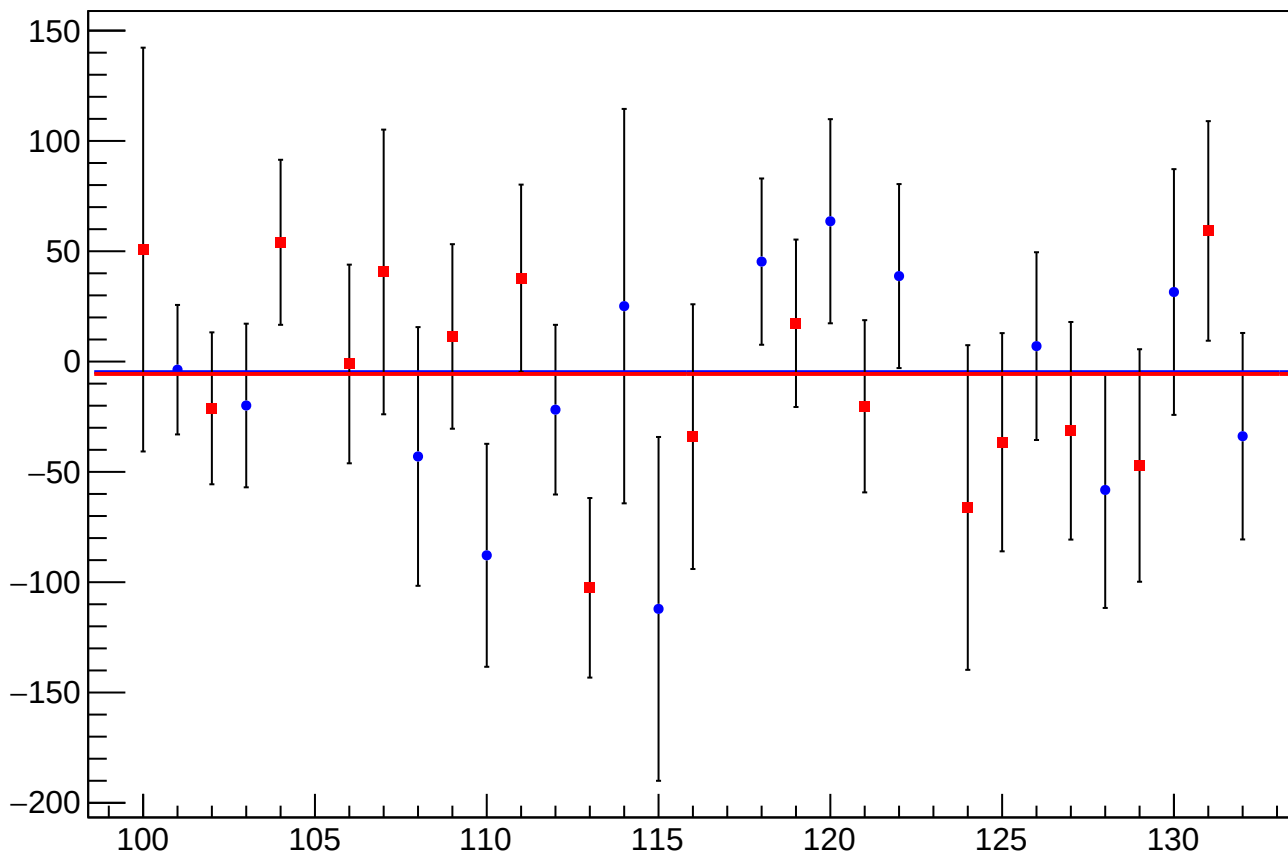
Right: 28813.551+/-5.871 χ^2/NDF : 333025.5/29

In: 28836.922+/-8.473 χ^2/NDF :248867.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 28813.551+/-5.871 χ^2/NDF : 333025.5/29

diff_bpmEX_mean vs Slug, Sign Corrected



Right In: -4.821 ± 11.982 $\chi^2/\text{NDF}: 12.4/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -5.600 ± 11.517 $\chi^2/\text{NDF}: 14.9/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

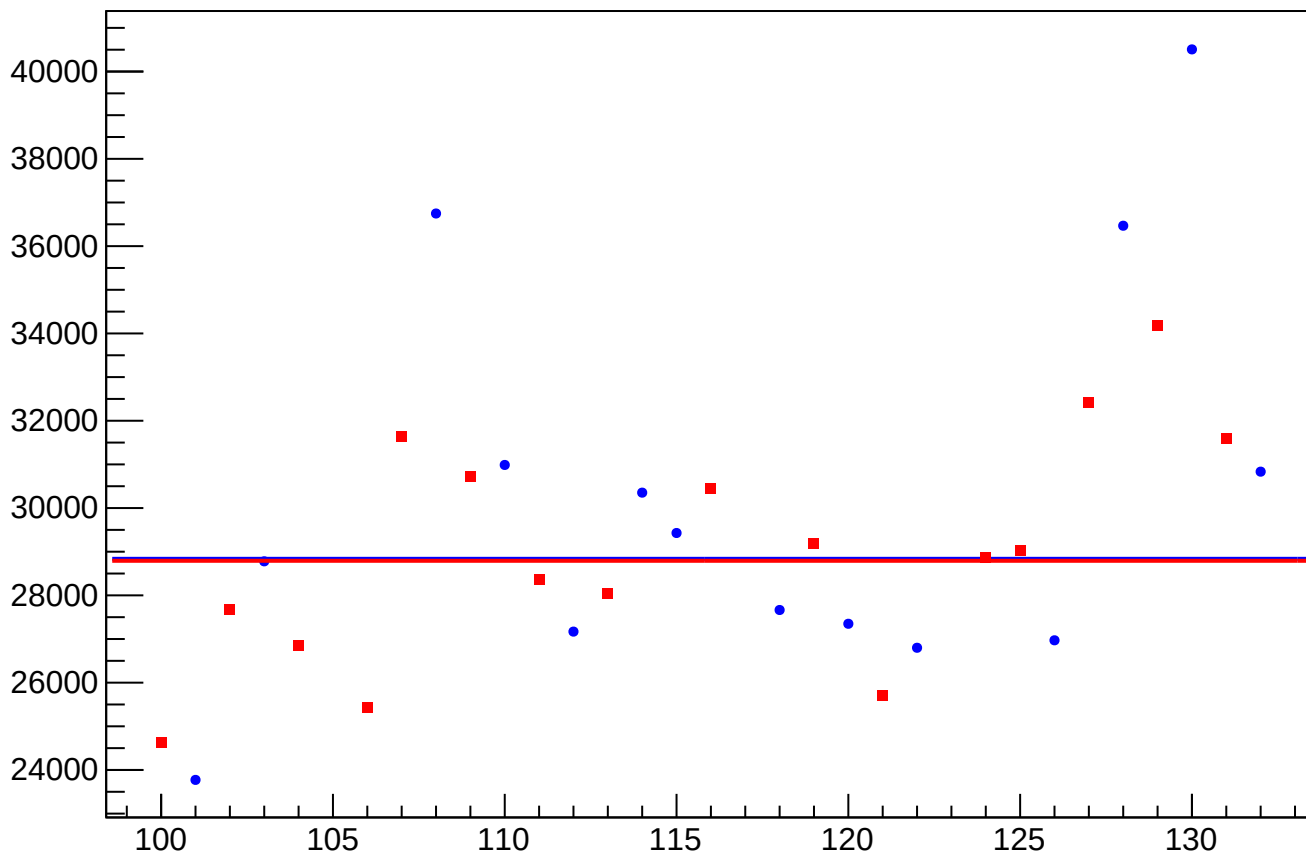
Right: -5.225 ± 8.303 $\chi^2/\text{NDF}: 27.4/29$

In: -4.821 ± 11.982 $\chi^2/\text{NDF}: 12.4/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -5.225 ± 8.303 $\chi^2/\text{NDF}: 27.4/29$

diff_bpmEX_rms vs Slug, Sign Corrected



Right In: 28836.922+/-8.473 χ^2/NDF : 248867.9/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 28791.963+/-8.143 χ^2/NDF : 84143.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

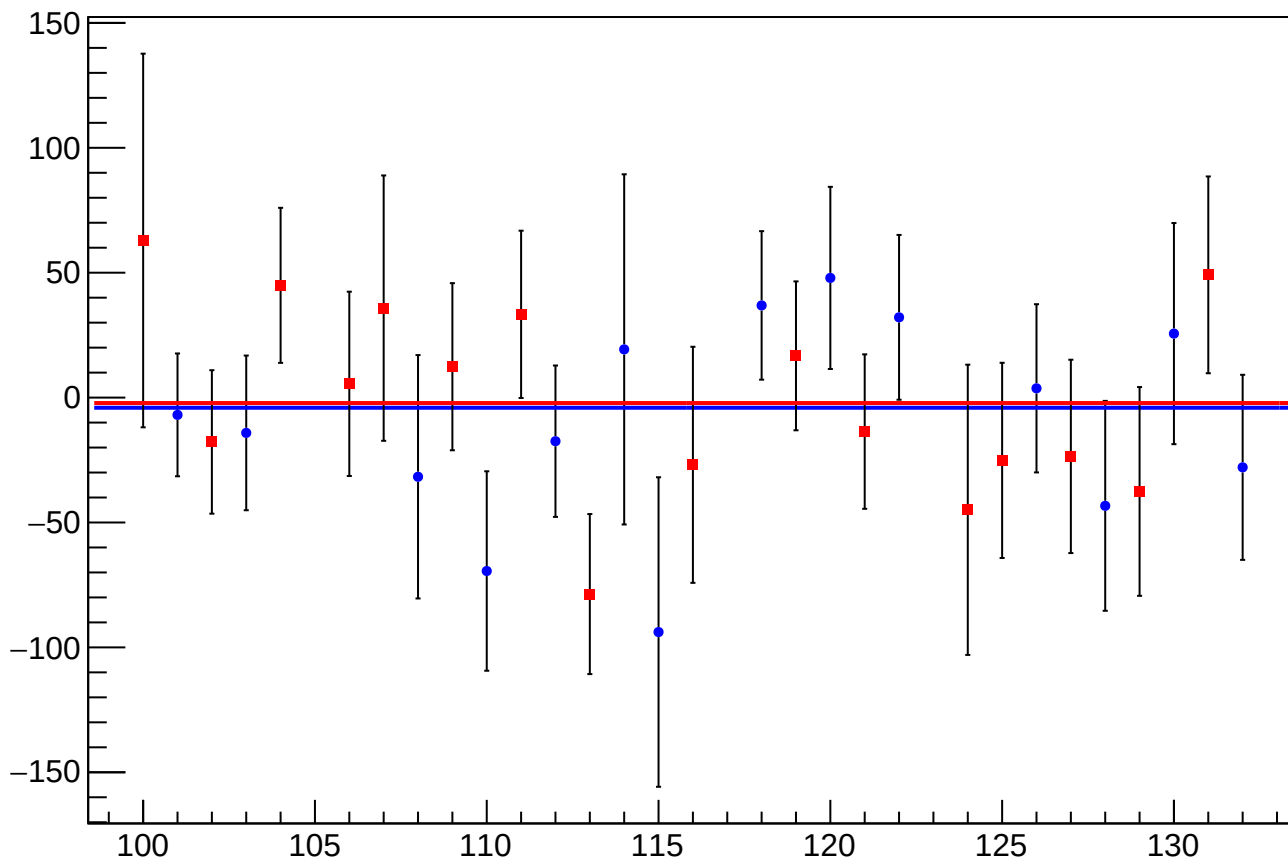
Right: 28813.551+/-5.871 χ^2/NDF : 333025.5/29

In: 28836.922+/-8.473 χ^2/NDF :248867.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 28813.551+/-5.871 χ^2/NDF : 333025.5/29

diff_bpmE_11X12X_mean vs Slug, Sign Corrected



Right In: -4.063 ± 9.627 χ^2/NDF : 12.5/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.180 ± 9.231 χ^2/NDF : 15.3/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

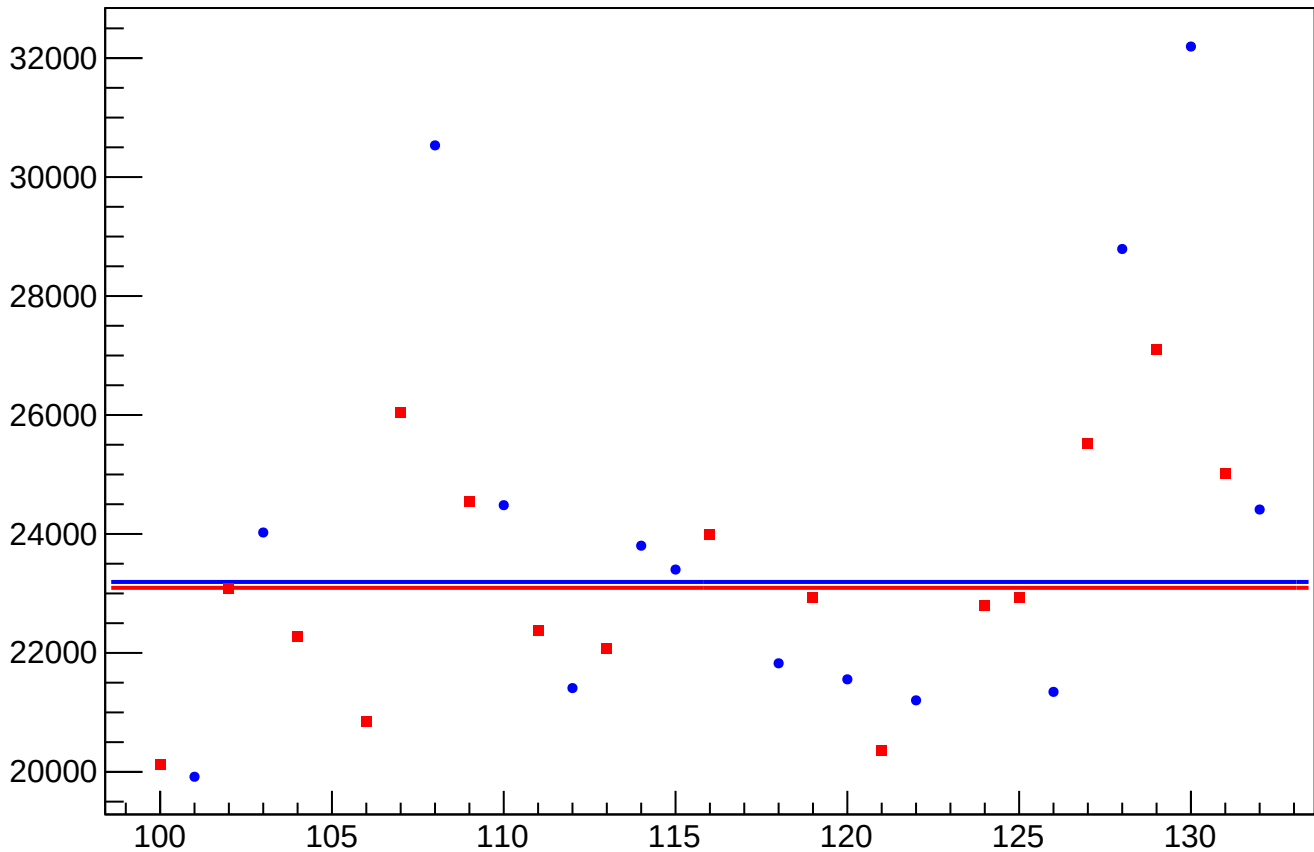
Right: -3.082 ± 6.663 χ^2/NDF : 27.8/29

In: -4.063 ± 9.627 χ^2/NDF : 12.5/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.082 ± 6.663 χ^2/NDF : 27.8/29

diff_bpmE_11X12X_rms vs Slug, Sign Corrected



Right In: 23193.366+/-6.807 χ^2/NDF : 233456.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23094.608+/-6.528 χ^2/NDF : 72235.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

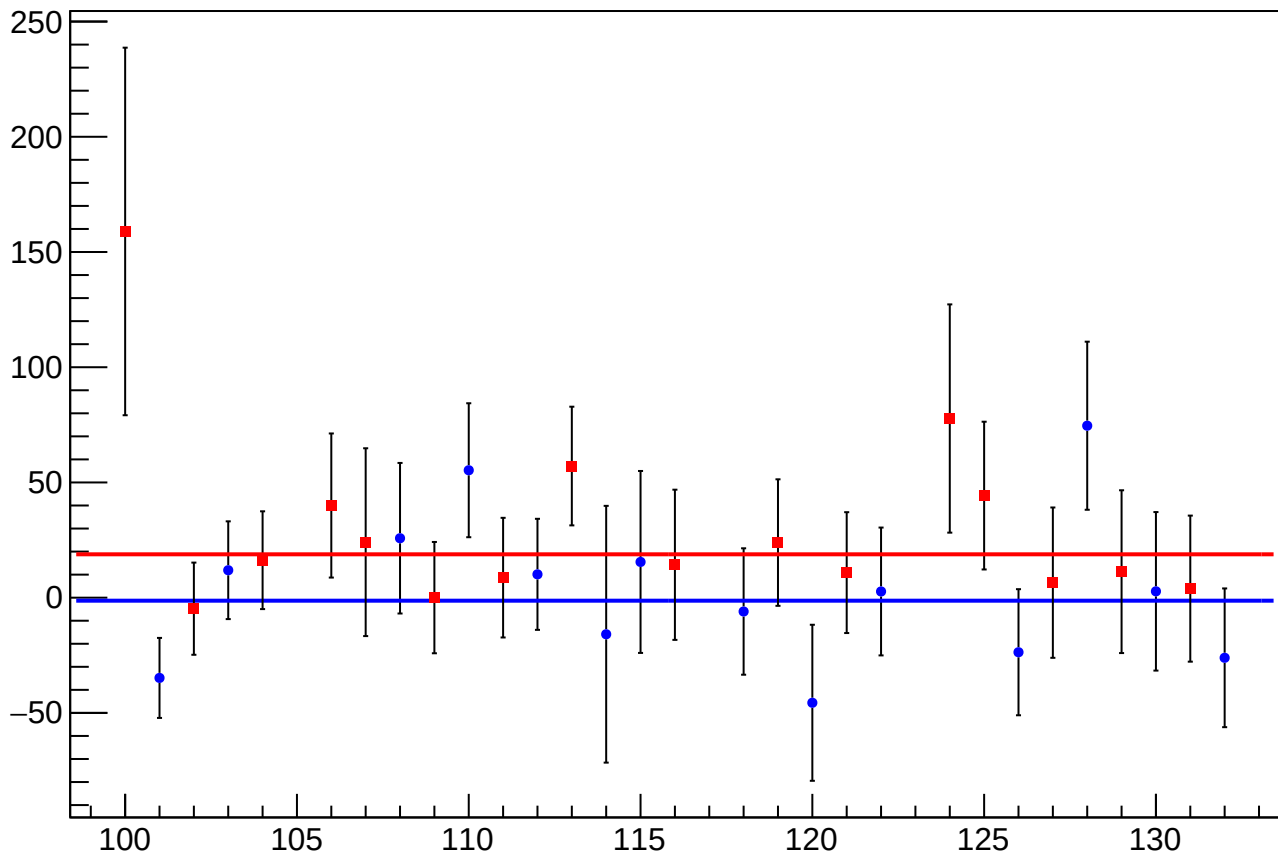
Right: 23141.916+/-4.712 χ^2/NDF : 305800.8/29

In: 23193.366+/-6.807 χ^2/NDF : 233456.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23141.916+/-4.712 χ^2/NDF : 305800.8/29

diff_bpm4aesumX_mean vs Slug, Sign Corrected



Right In: -1.306+/-7.477 χ^2/NDF : 16.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.819+/-7.245 χ^2/NDF : 10.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

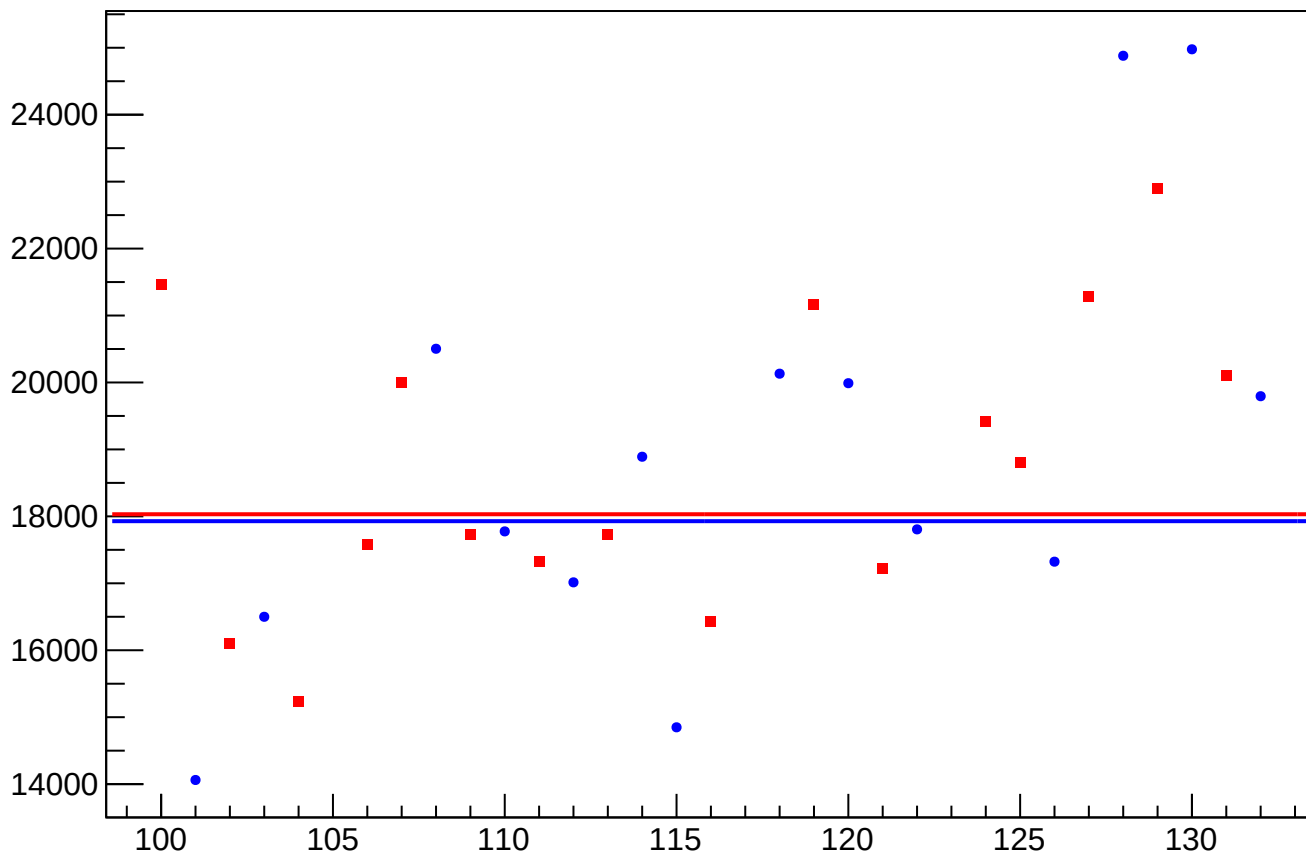
Right: 9.074+/-5.203 χ^2/NDF : 30.8/29

In: -1.306+/-7.477 χ^2/NDF : 16.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.074+/-5.203 χ^2/NDF : 30.8/29

diff_bpm4aesumX_rms vs Slug, Sign Corrected



Right In: 17928.033+/-5.287 χ^2/NDF : 322065.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18031.593+/-5.123 χ^2/NDF : 165950.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

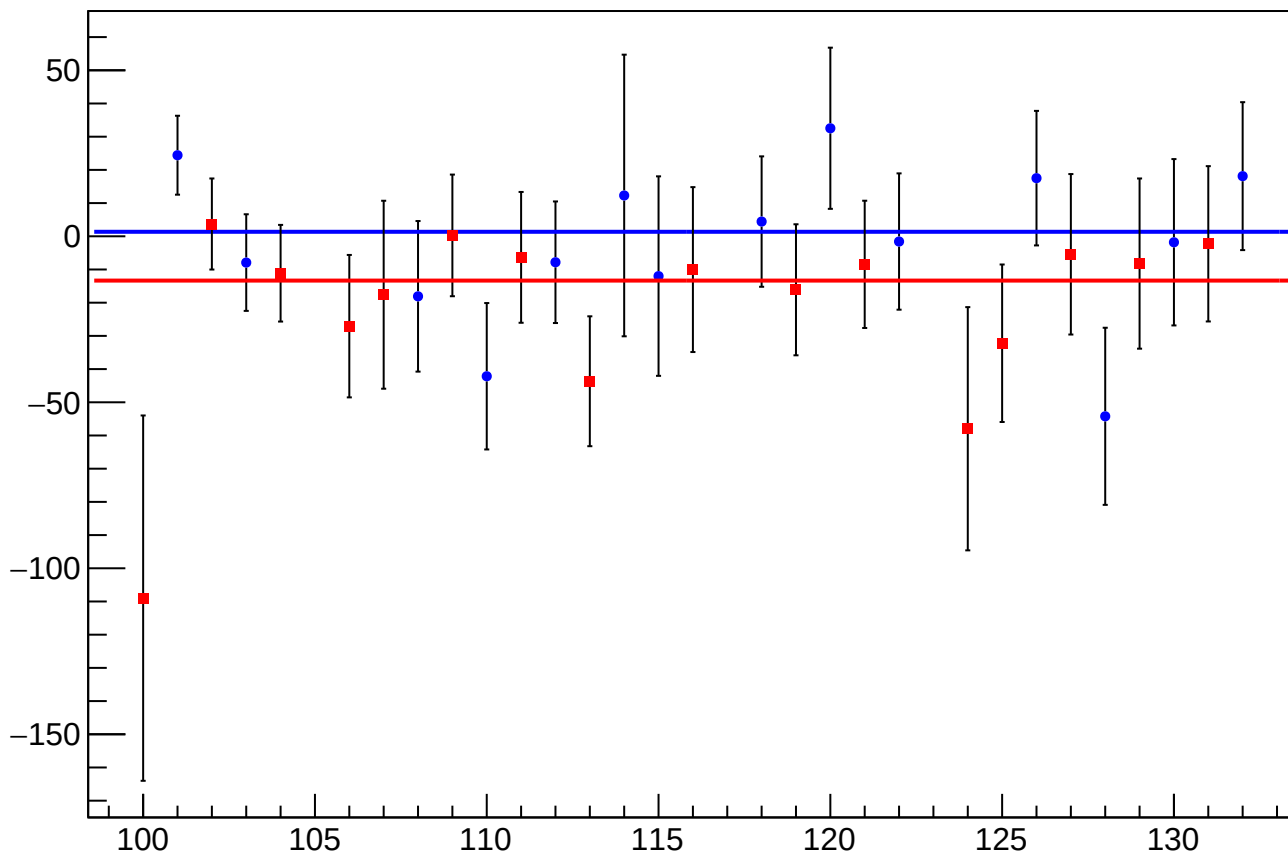
Right: 17981.450+/-3.679 χ^2/NDF : 488213.5/29

In: 17928.033+/-5.287 χ^2/NDF : 322065.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17981.450+/-3.679 χ^2/NDF : 488213.5/29

diff_bpm4aediX_mean vs Slug, Sign Corrected



Right In: 1.356+/-5.379 χ^2/NDF : 16.6/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -13.342+/-5.238 χ^2/NDF : 10.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

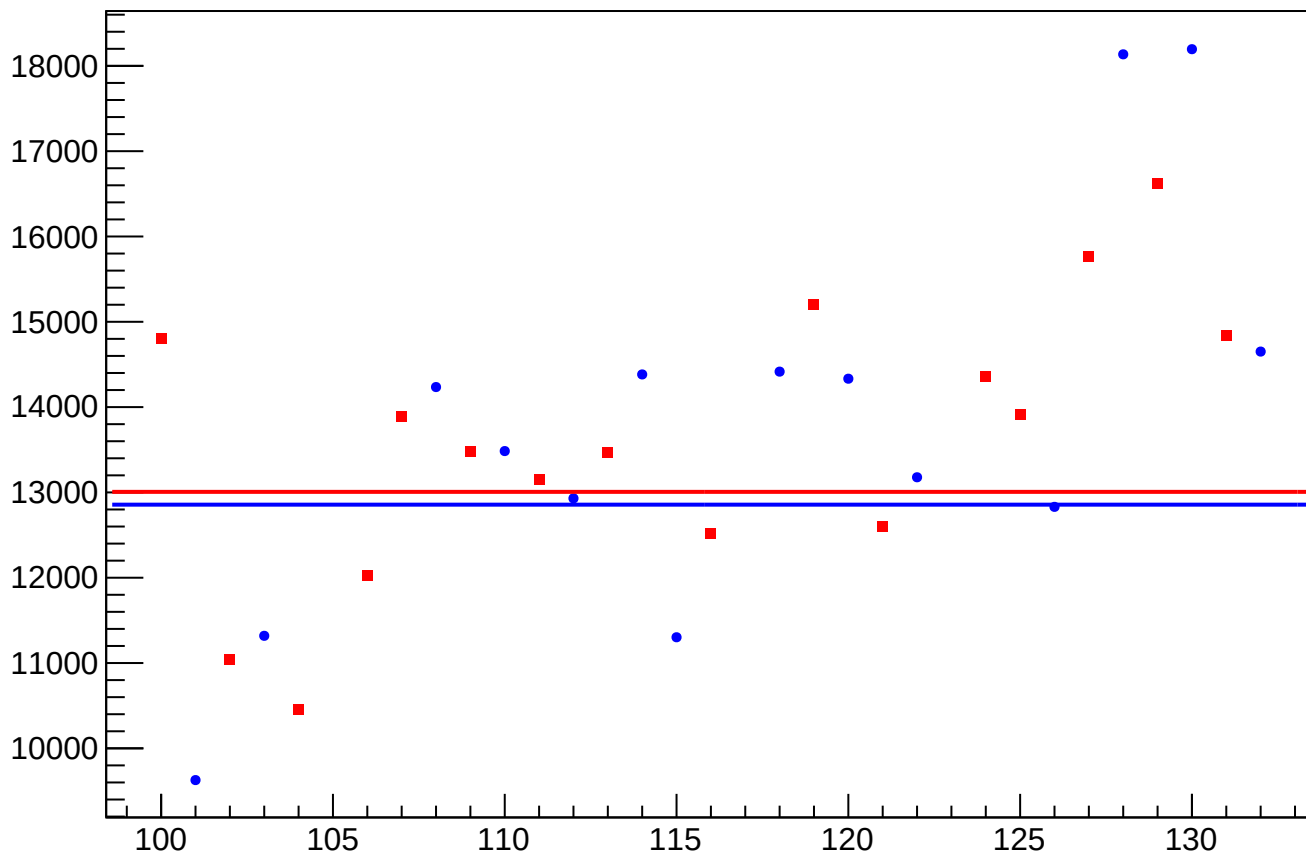
Right: -6.189+/-3.753 χ^2/NDF : 31.1/29

In: 1.356+/-5.379 χ^2/NDF :16.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.189+/-3.753 χ^2/NDF : 31.1/29

diff_bpm4aediffX_rms vs Slug, Sign Corrected



Right In: 12856.431+/-3.804 χ^2/NDF : 389497.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 13006.513+/-3.704 χ^2/NDF : 223284.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

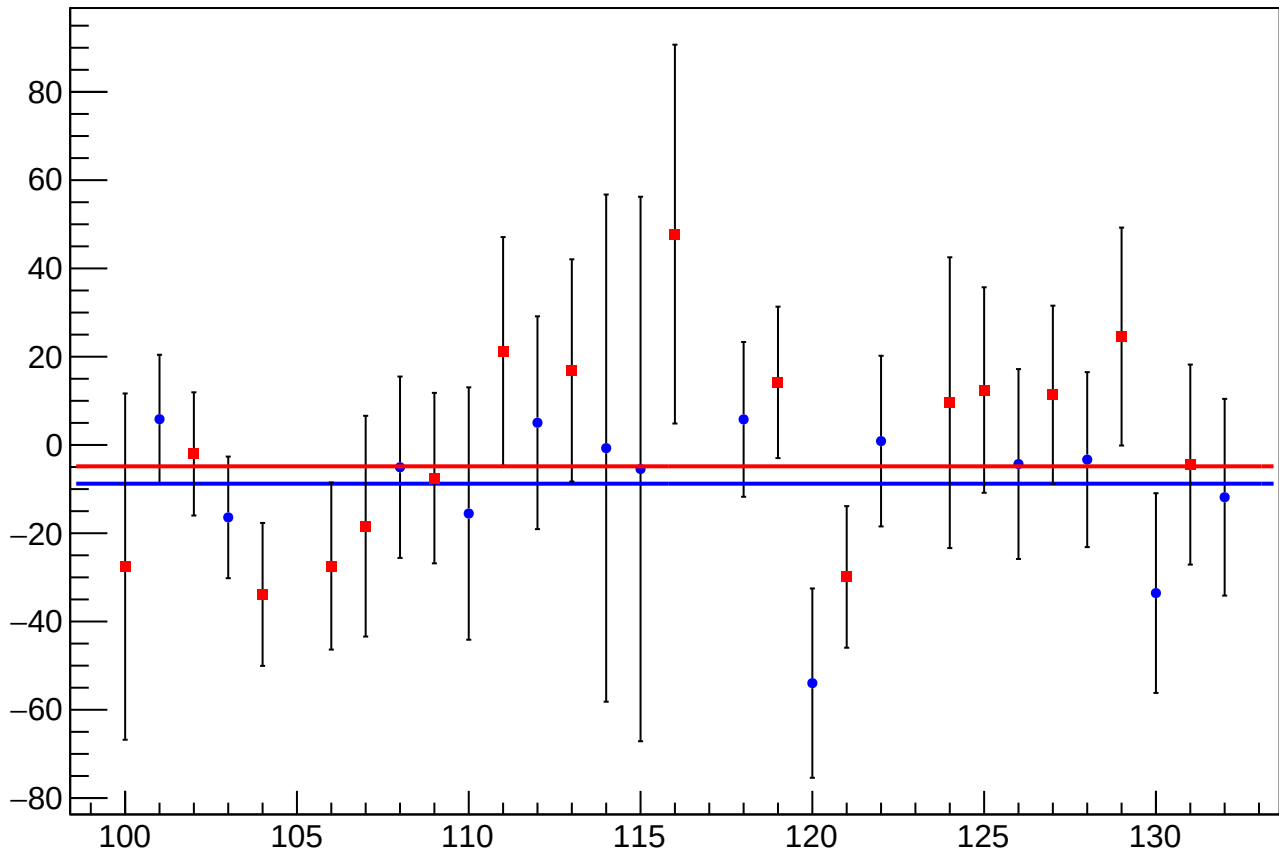
Right: 12933.473+/-2.654 χ^2/NDF : 613581.7/29

In: 12856.431+/-3.804 χ^2/NDF :389497.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 12933.473+/-2.654 χ^2/NDF : 613581.7/29

diff_bpm4aesumY_mean vs Slug, Sign Corrected



Right In: -8.775+/-5.537 χ^2/NDF : 8.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.838+/-5.244 χ^2/NDF : 15.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

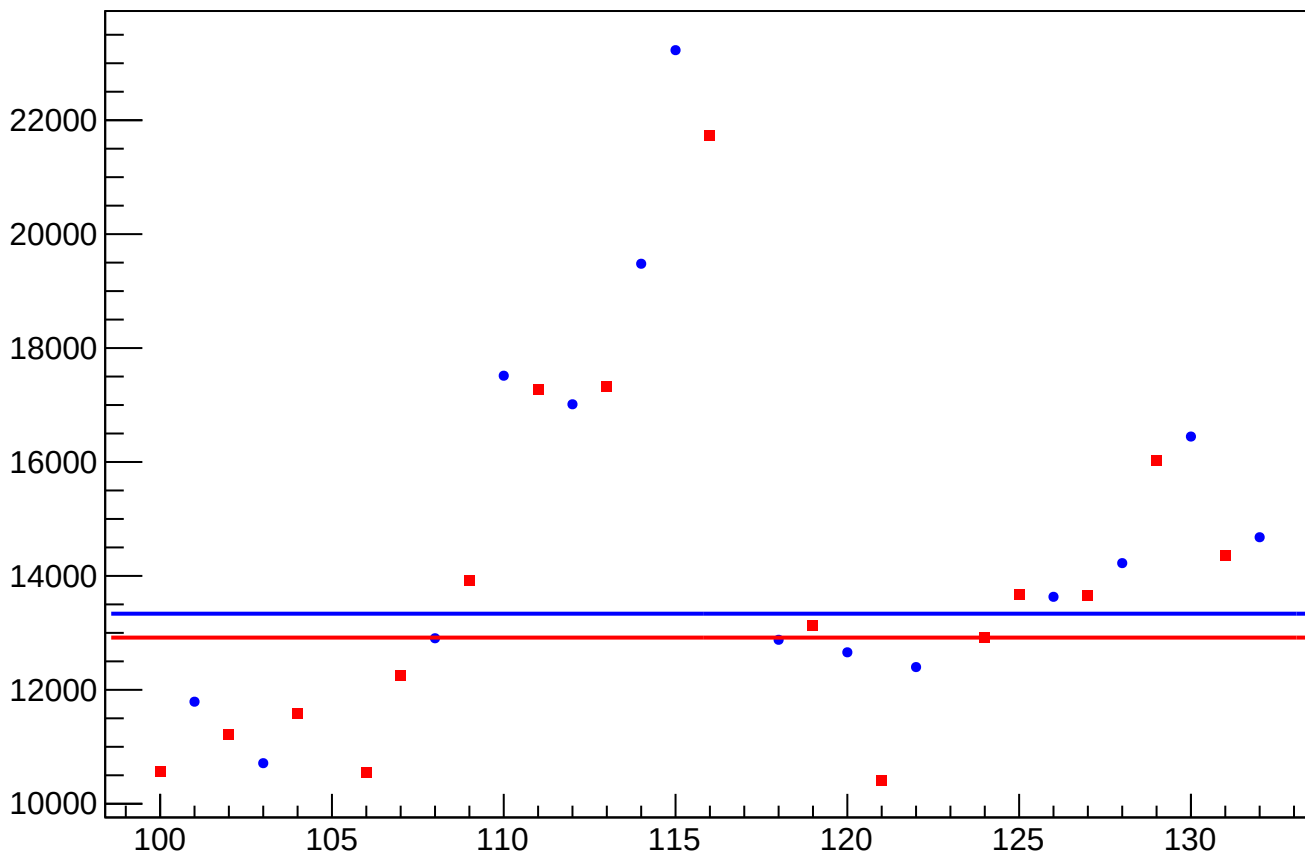
Right: -6.699+/-3.807 χ^2/NDF : 23.8/29

In: -8.775+/-5.537 χ^2/NDF : 8.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.699+/-3.807 χ^2/NDF : 23.8/29

diff_bpm4aesumY_rms vs Slug, Sign Corrected



Right In: 13336.810+/-3.915 χ^2/NDF : 316872.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12917.239+/-3.708 χ^2/NDF : 384443.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

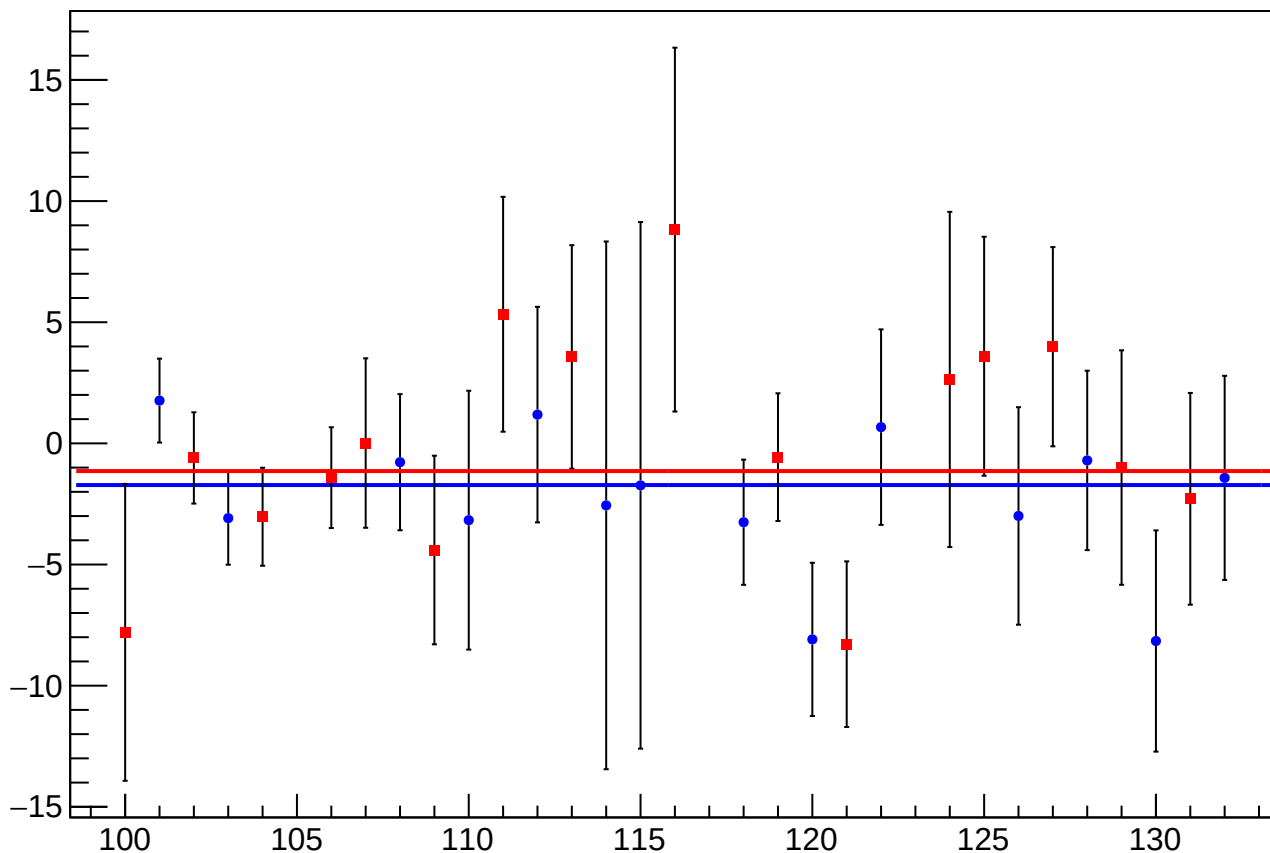
Right: 13115.610+/-2.692 χ^2/NDF : 707370.5/29

In: 13336.810+/-3.915 χ^2/NDF : 316872.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13115.610+/-2.692 χ^2/NDF : 707370.5/29

diff_bpm4aediY_mean vs Slug, Sign Corrected



Right In: -1.720 ± 0.854 χ^2/NDF : 12.1/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.143 ± 0.821 χ^2/NDF : 14.8/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

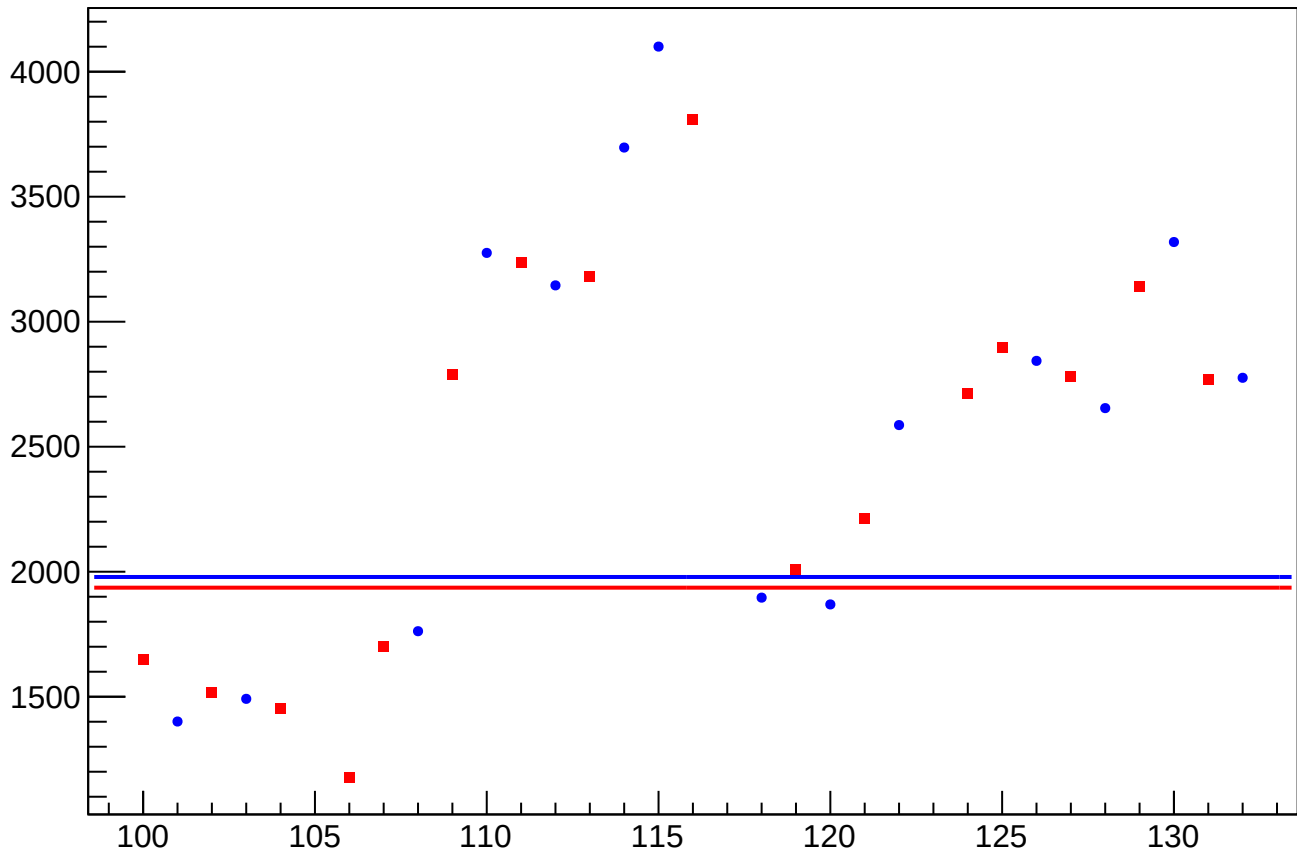
Right: -1.420 ± 0.592 χ^2/NDF : 27.1/29

In: -1.720 ± 0.854 χ^2/NDF : 12.1/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.420 ± 0.592 χ^2/NDF : 27.1/29

diff_bpm4aediffY_rms vs Slug, Sign Corrected



Right In: 1978.943+/-0.604 χ^2/NDF : 1178975.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1936.229+/-0.580 χ^2/NDF : 1399153.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

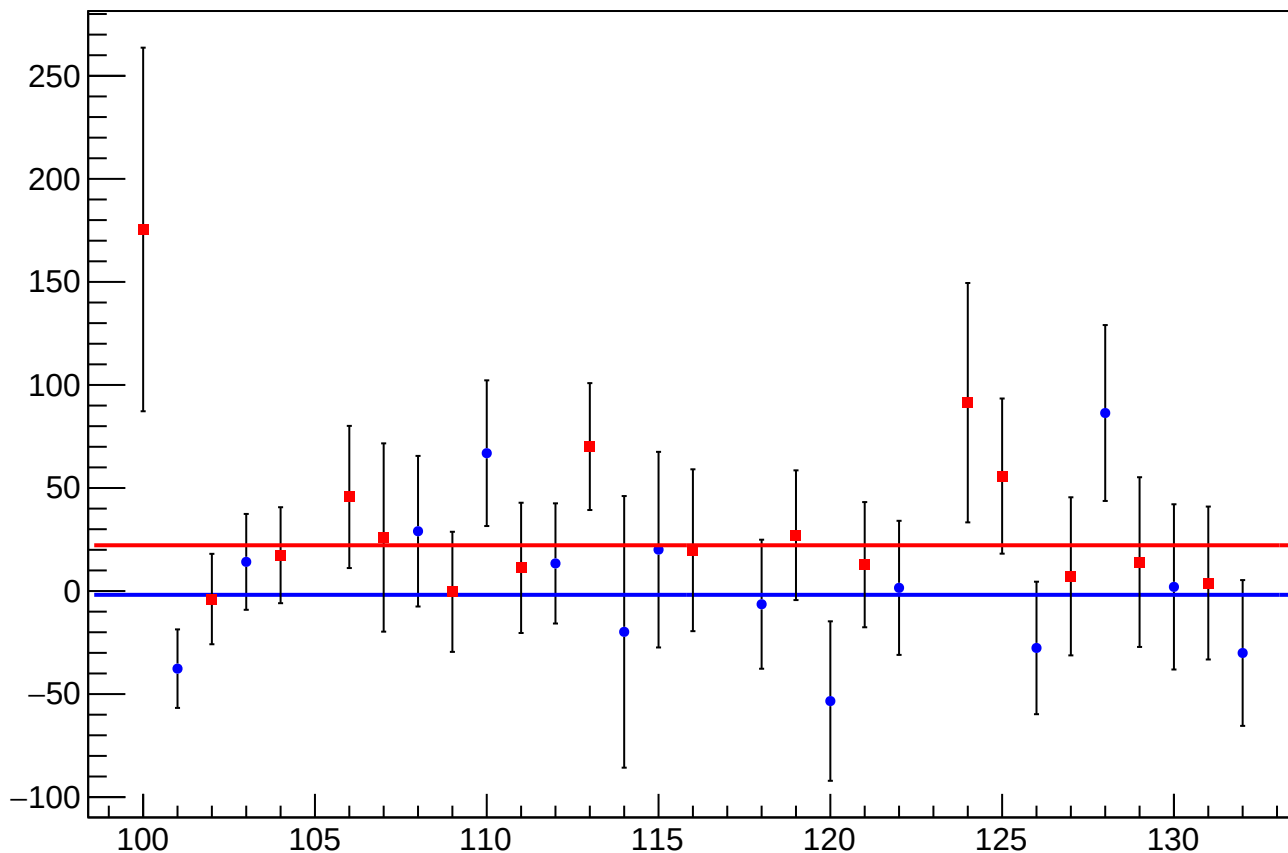
Right: 1956.740+/-0.418 χ^2/NDF : 2580729.9/29

In: 1978.943+/-0.604 χ^2/NDF :1178975.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1956.740+/-0.418 χ^2/NDF : 2580729.9/29

diff_bpmtargetsumX_mean vs Slug, Sign Corrected



Right In: -1.839+/-8.583 χ^2/NDF : 16.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.209+/-8.349 χ^2/NDF : 10.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

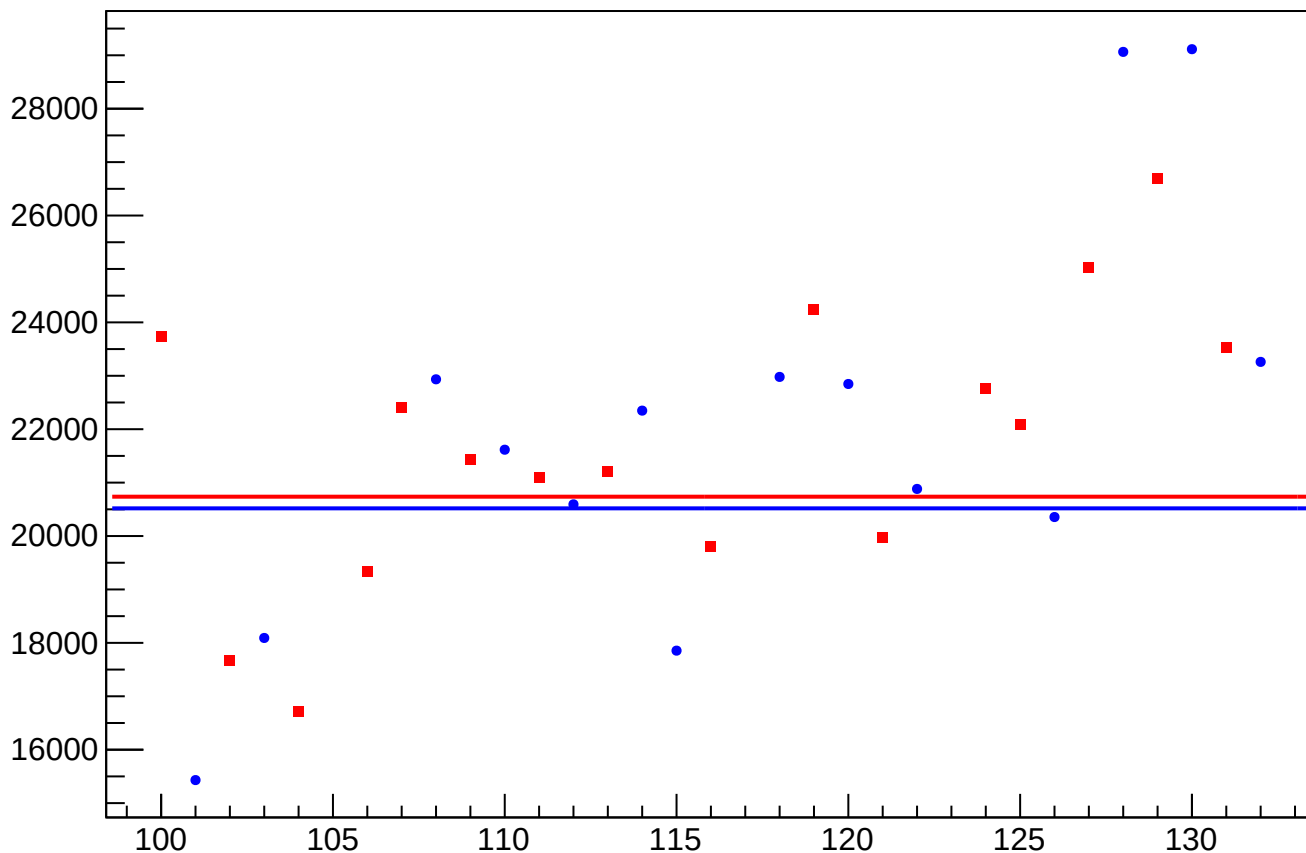
Right: 10.517+/-5.985 χ^2/NDF : 31.3/29

In: -1.839+/-8.583 χ^2/NDF : 16.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.517+/-5.985 χ^2/NDF : 31.3/29

diff_bpmtargetsumX_rms vs Slug, Sign Corrected



Right In: 20518.234+/-6.069 χ^2/NDF : 386922.6/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 20736.611+/-5.904 χ^2/NDF : 219326.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

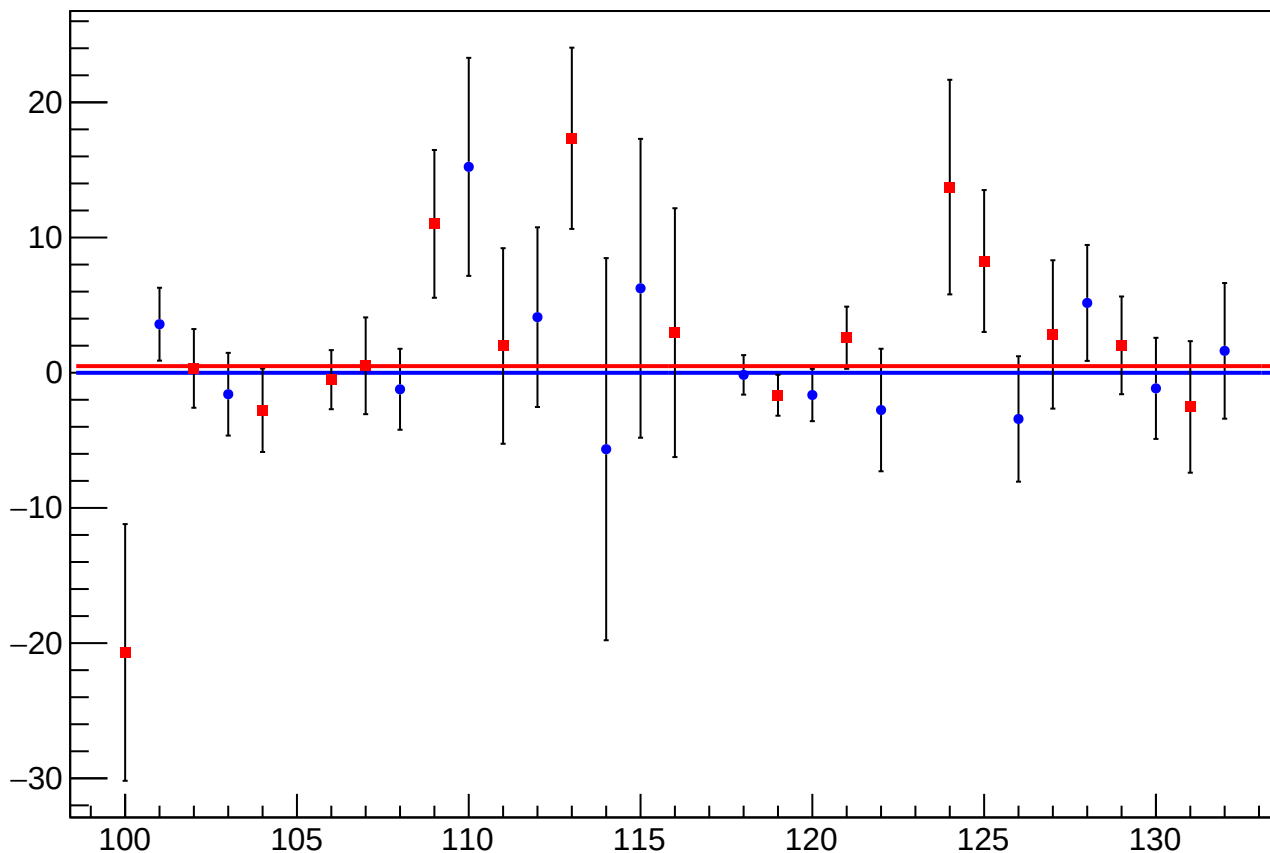
Right: 20630.436+/-4.232 χ^2/NDF : 606914.3/29

In: 20518.234+/-6.069 χ^2/NDF :386922.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20630.436+/-4.232 χ^2/NDF : 606914.3/29

diff_bpmtargetdiffX_mean vs Slug, Sign Corrected



Right In: -0.005 ± 0.844 χ^2/NDF : 9.9/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.488 ± 0.834 χ^2/NDF : 25.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

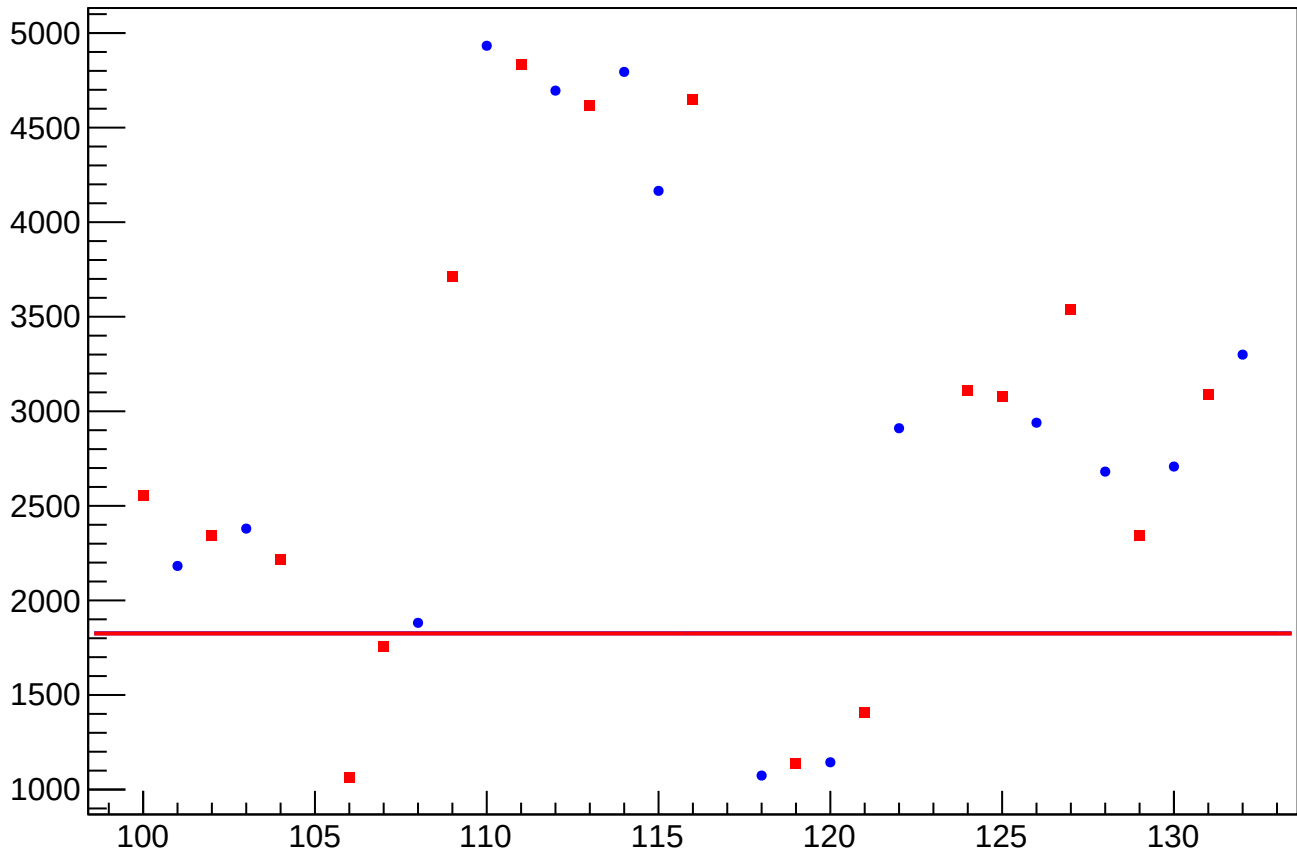
Right: 0.245 ± 0.593 χ^2/NDF : 35.1/29

In: -0.005 ± 0.844 χ^2/NDF : 9.9/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.245 ± 0.593 χ^2/NDF : 35.1/29

diff_bpmtargetdiffX_rms vs Slug, Sign Corrected



Right In: 1826.035+/-0.597 χ^2/NDF : 2319454.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1825.175+/-0.590 χ^2/NDF : 2488850.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

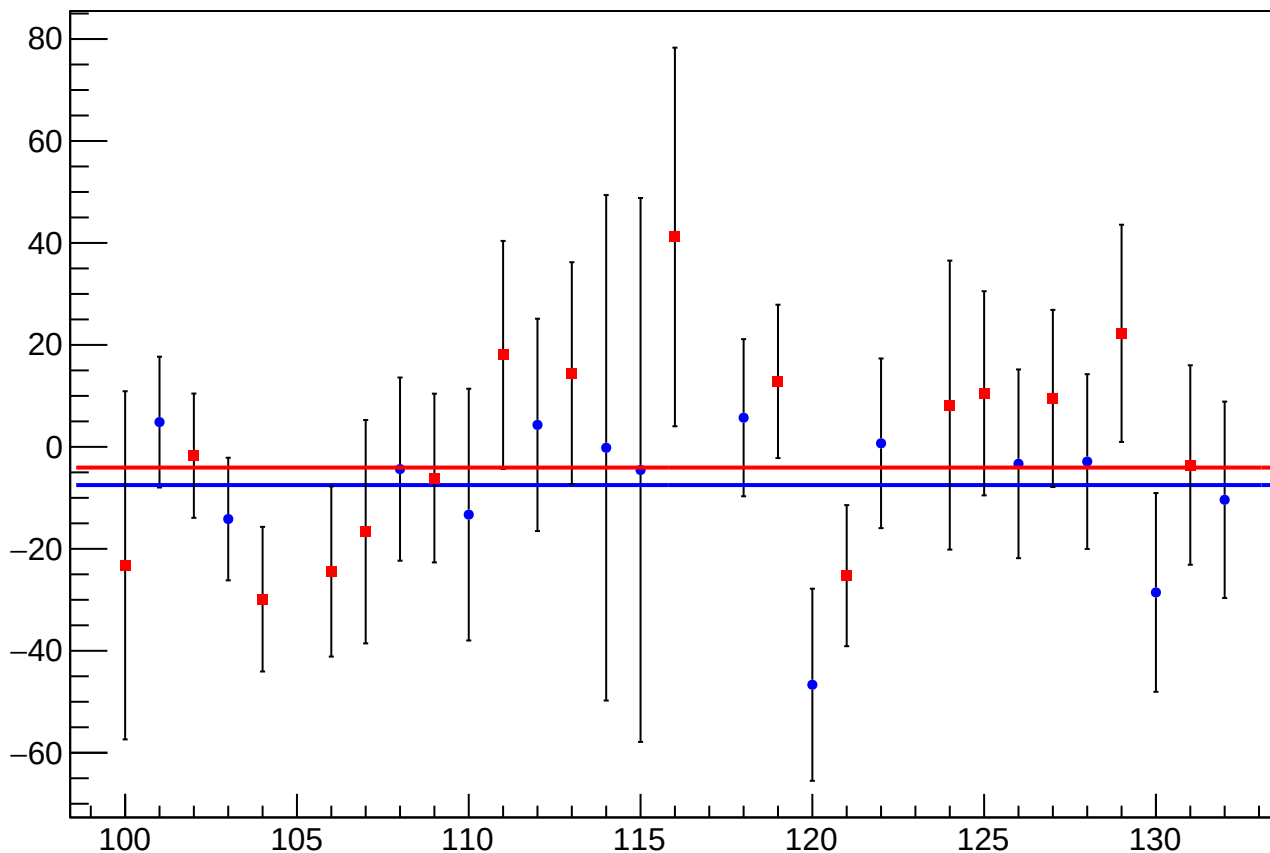
Right: 1825.600+/-0.420 χ^2/NDF : 4808305.7/29

In: 1826.035+/-0.597 χ^2/NDF : 2319454.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1825.600+/-0.420 χ^2/NDF : 4808305.7/29

diff_bpmtargetsumY_mean vs Slug, Sign Corrected



Right In: -7.492 ± 4.817 χ^2/NDF : 8.3/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.059 ± 4.554 χ^2/NDF : 15.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

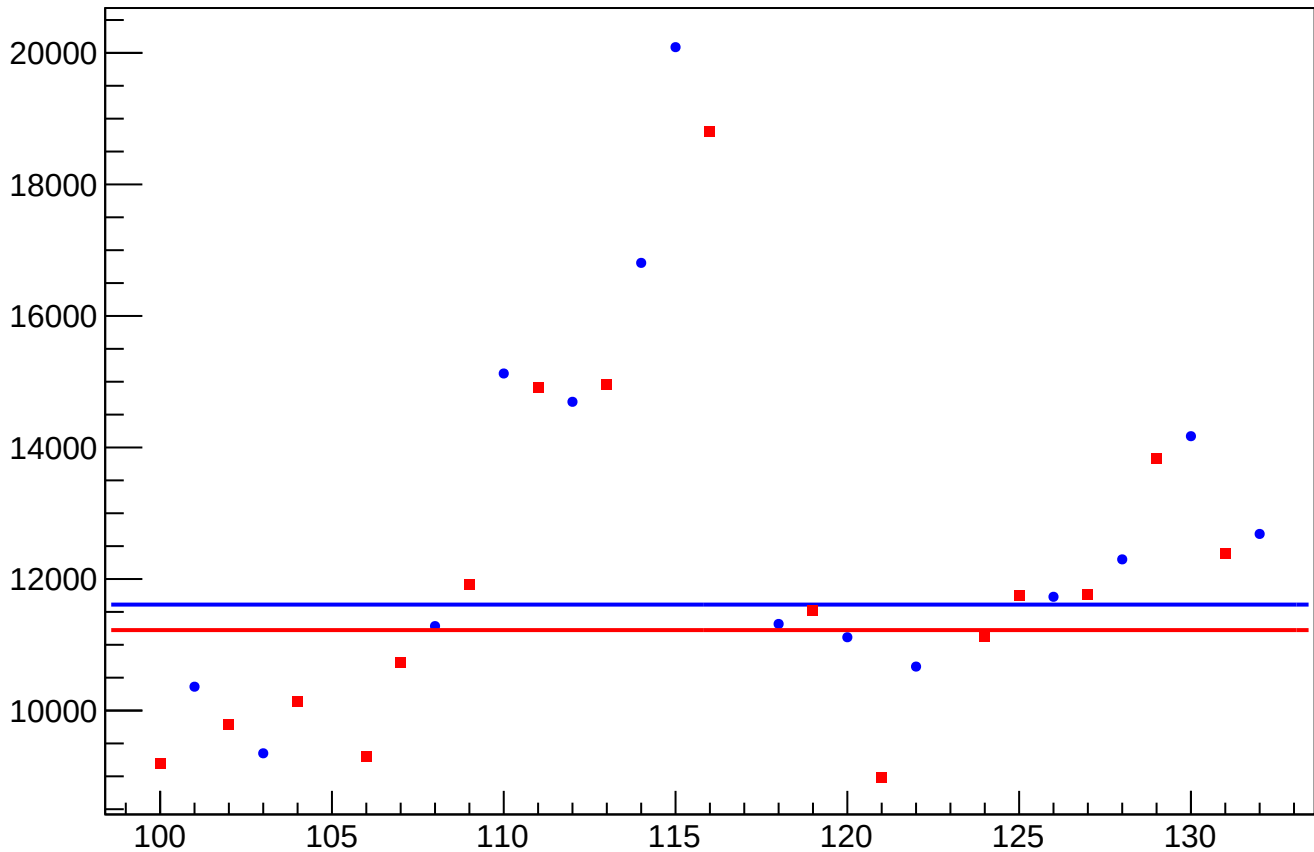
Right: -5.679 ± 3.309 χ^2/NDF : 23.7/29

In: -7.492 ± 4.817 χ^2/NDF : 8.3/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.679 ± 3.309 χ^2/NDF : 23.7/29

diff_bpmtargetsumY_rms vs Slug, Sign Corrected



Right In: 11611.174+/-3.406 χ^2/NDF : 299721.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11223.400+/-3.220 χ^2/NDF : 367593.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

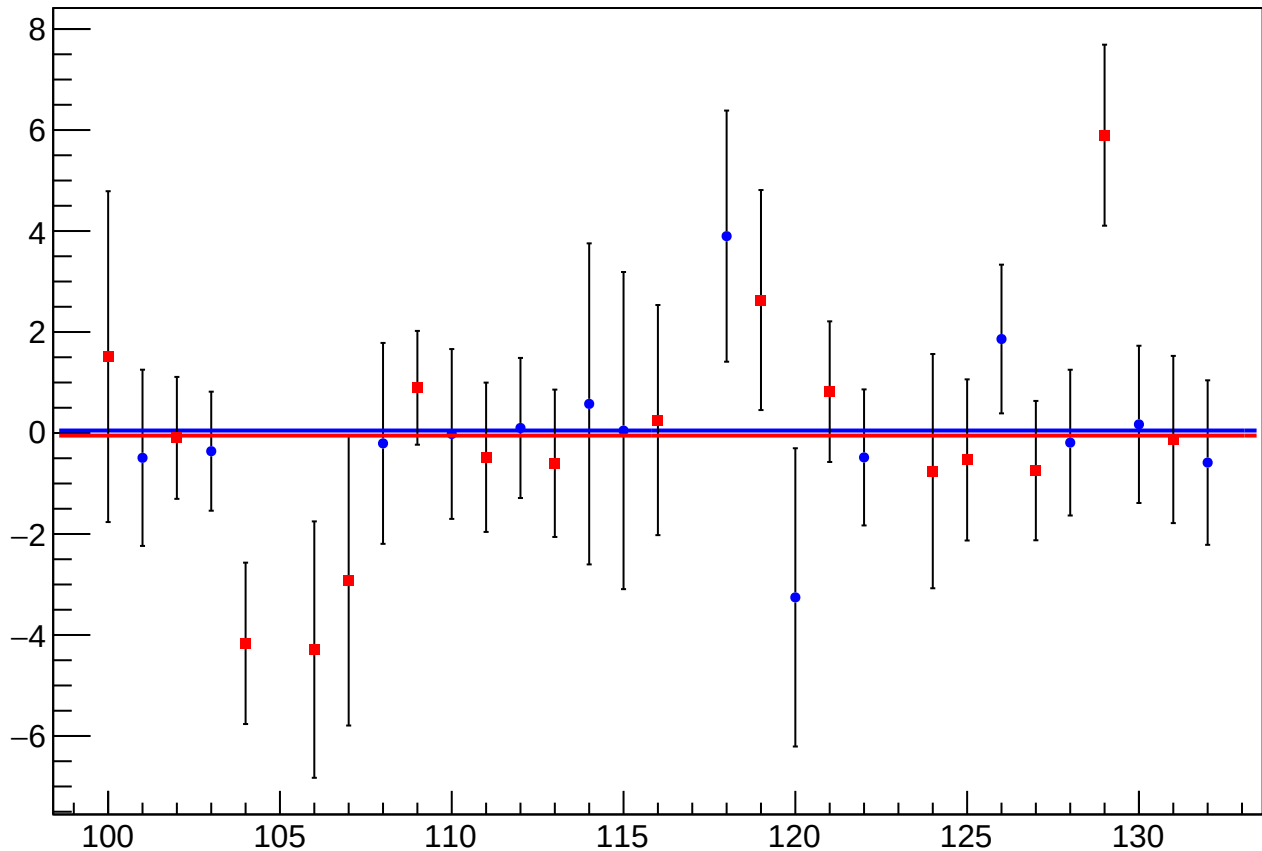
Right: 11406.381+/-2.340 χ^2/NDF : 674158.7/29

In: 11611.174+/-3.406 χ^2/NDF : 299721.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11406.381+/-2.340 χ^2/NDF : 674158.7/29

diff_bpmtargetdiffY_mean vs Slug, Sign Corrected



Right In: 0.049+/-0.450 χ^2/NDF : 5.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.051+/-0.413 χ^2/NDF : 25.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

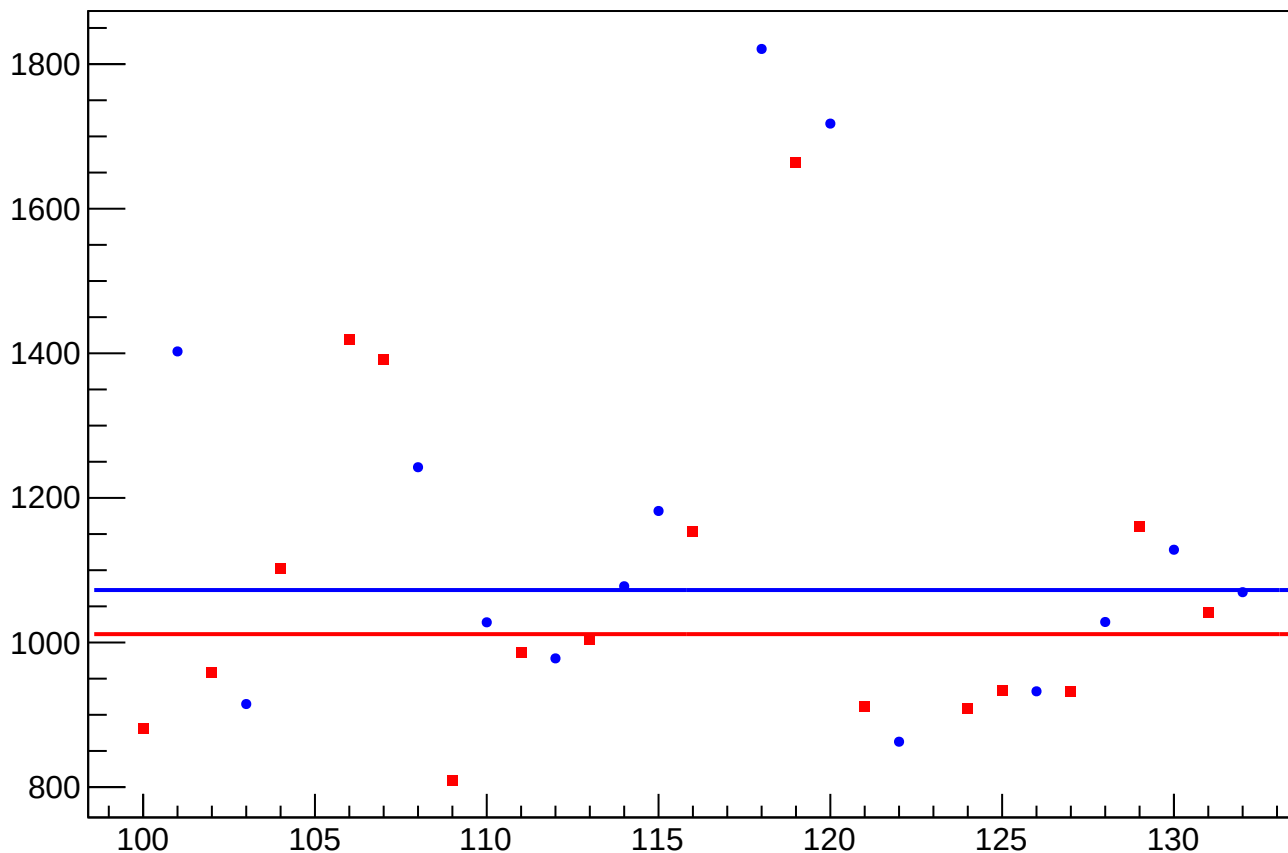
Right: -0.005+/-0.304 χ^2/NDF : 30.7/29

In: 0.049+/-0.450 χ^2/NDF : 5.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.304 χ^2/NDF : 30.7/29

diff_bpmtargetdiffY_rms vs Slug, Sign Corrected



Right In: 1072.562+/-0.318 χ^2/NDF : 482689.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1011.583+/-0.292 χ^2/NDF : 391652.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

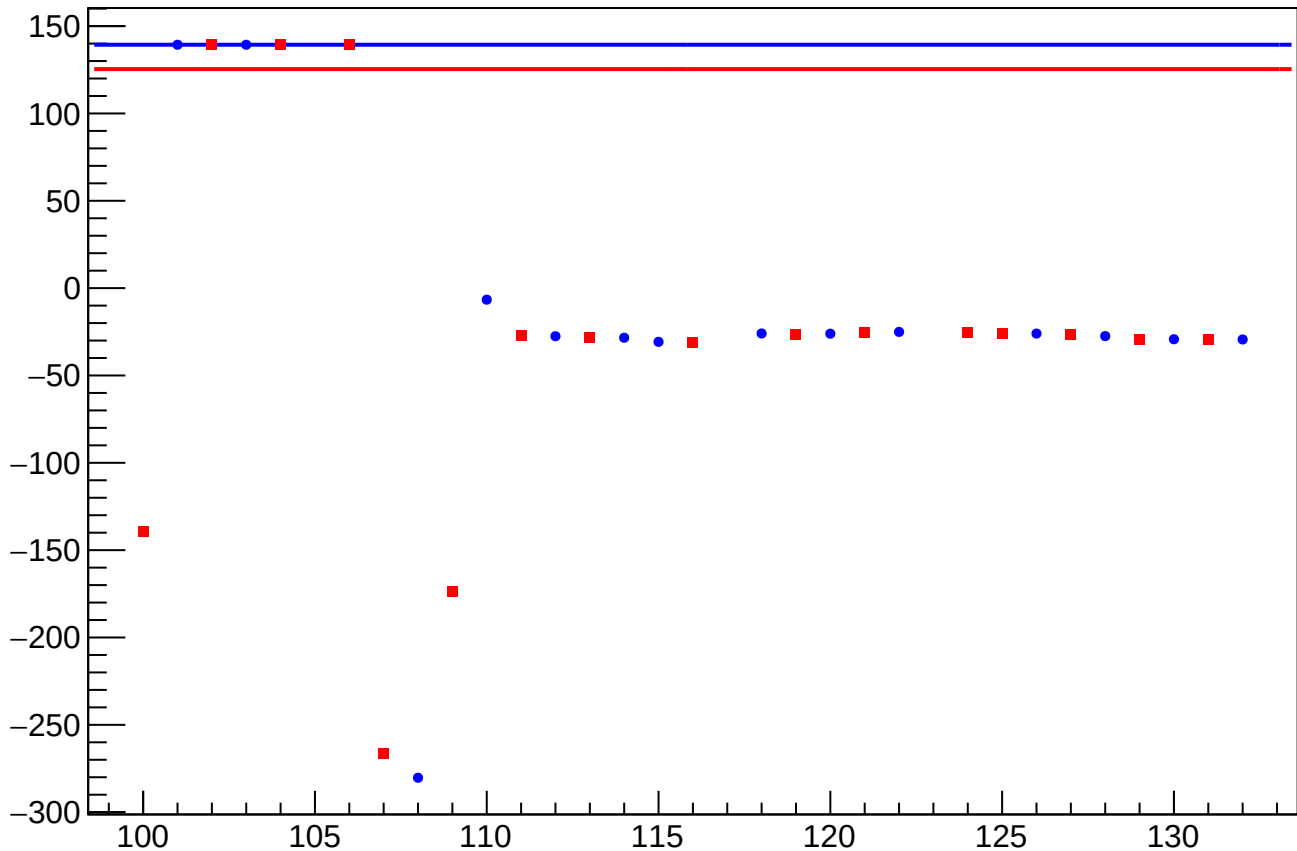
Right: 1039.450+/-0.215 χ^2/NDF : 894260.4/29

In: 1072.562+/-0.318 χ^2/NDF : 482689.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1039.450+/-0.215 χ^2/NDF : 894260.4/29

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 139.337+/-0.000 χ^2/NDF : 36085155332.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.392+/-0.000 χ^2/NDF : 774164747332053.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

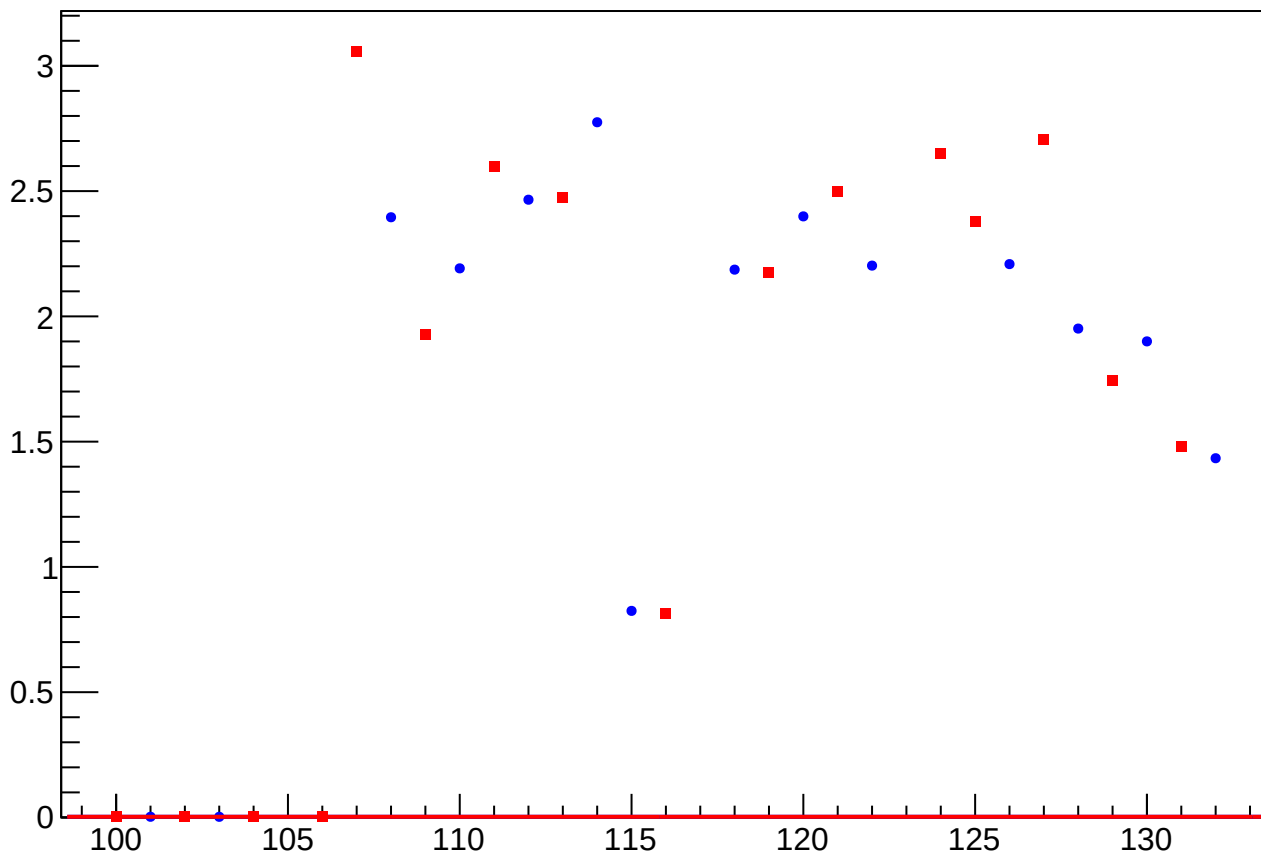
Right: 131.819+/-0.000 χ^2/NDF : 792985865158570

In: 139.337+/-0.000 χ^2/NDF : 36085155332.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.819+/-0.000 χ^2/NDF : 792985865158

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 7757494.9/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 7988019.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

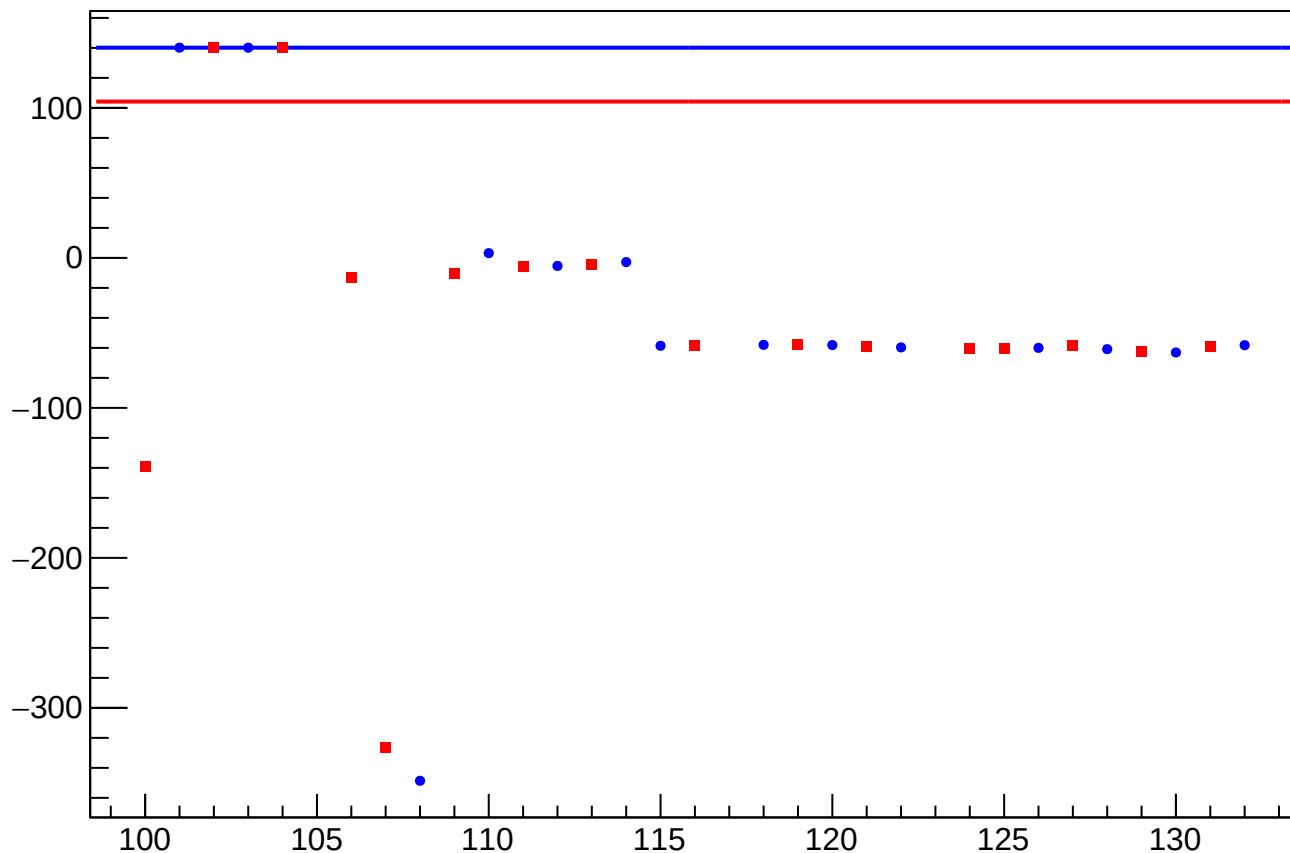
Right: 0.003+/-0.000 χ^2/NDF : 15745689.9/29

In: 0.003+/-0.000 χ^2/NDF :7757494.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

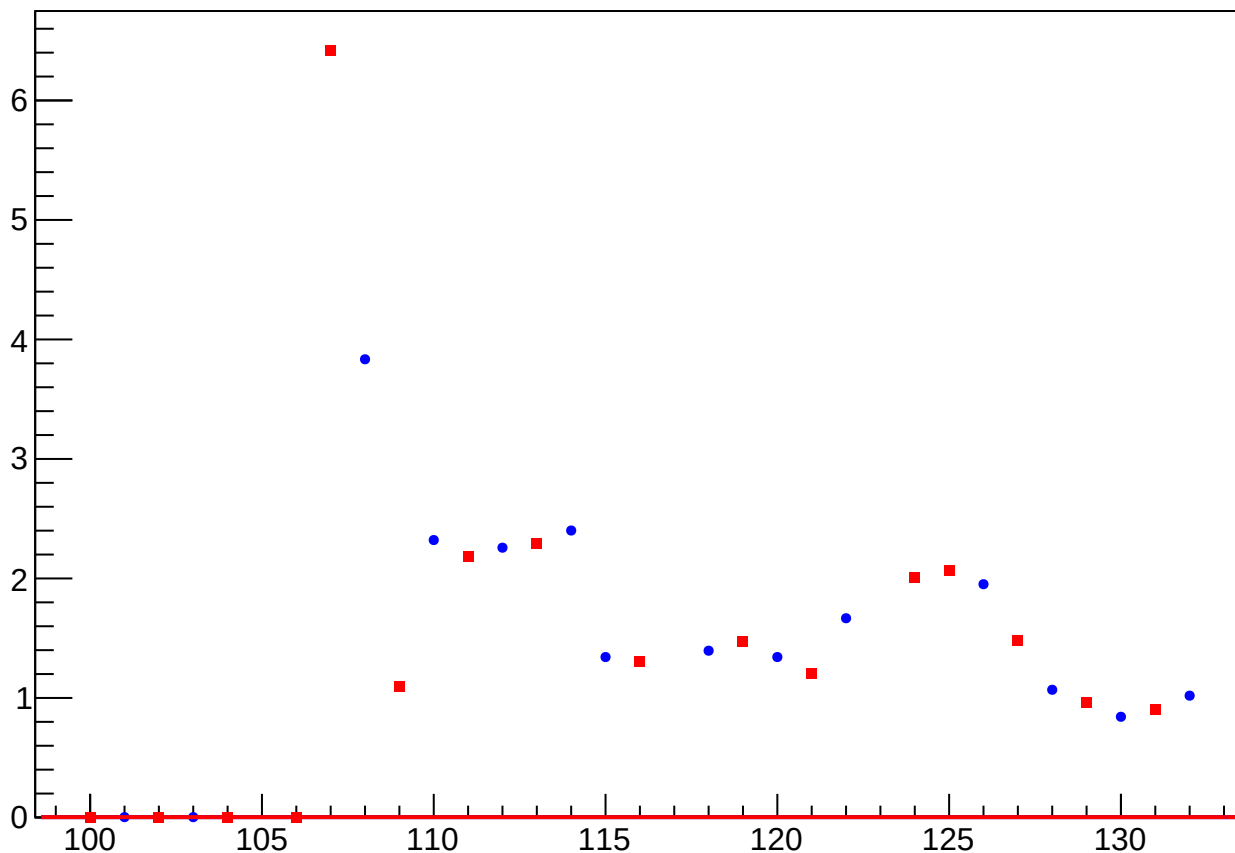
All: 0.003+/-0.000 χ^2/NDF : 15745689.9/29

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 140.146 $\pm$ 0.000 χ^2 /NDF: 97580156087.2/13
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 104.226 $\pm$ 0.000 χ^2 /NDF: 1257349559749333.2/15
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 140.146 $\pm$ 0.000 χ^2 /NDF: 97580156087.2/13
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 120.834 $\pm$ 0.000 χ^2 /NDF: 138075886978681

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 8473048.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 8253904.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

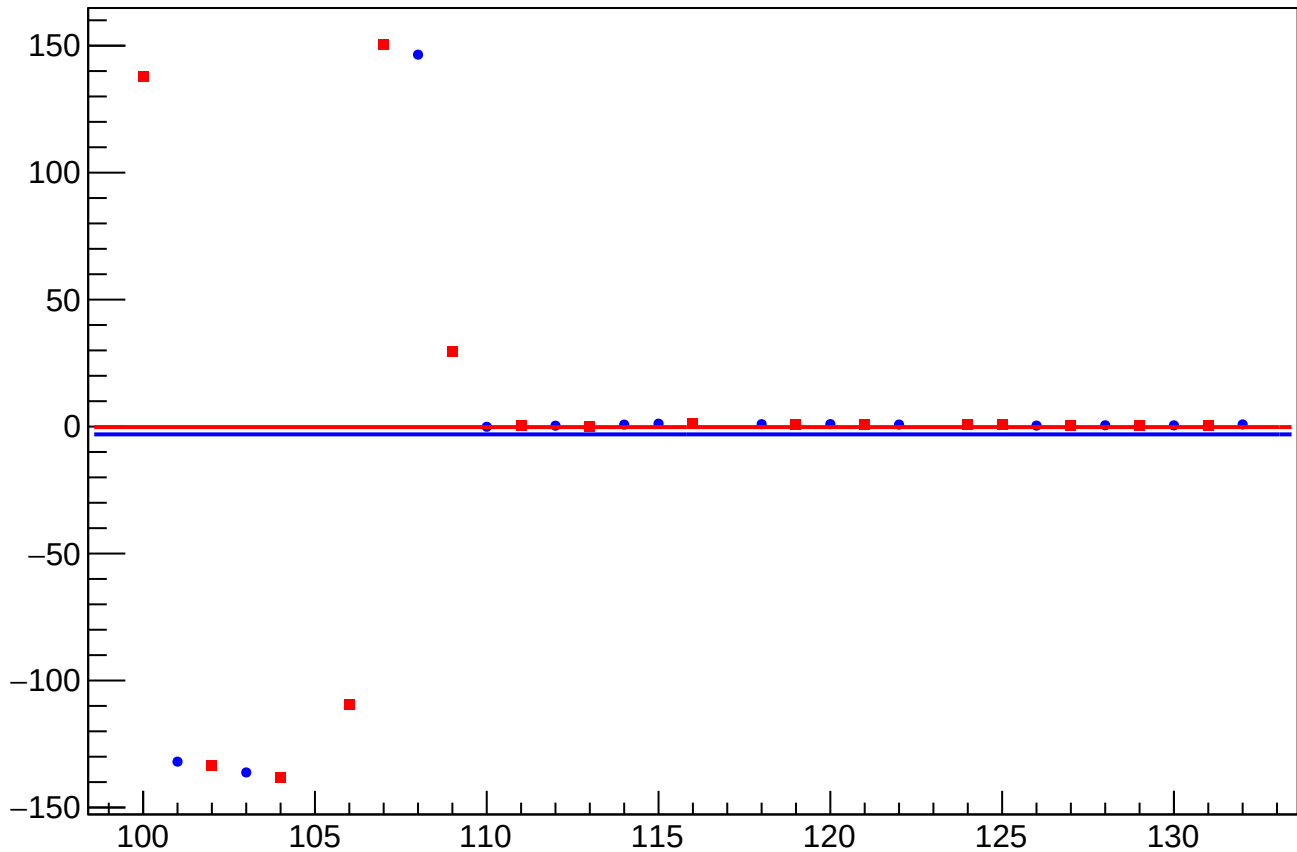
Right: 0.003+/-0.000 χ^2/NDF : 16727138.1/29

In: 0.003+/-0.000 χ^2/NDF :8473048.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 16727138.1/29

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -3.068+/-0.000 χ^2/NDF : 9830101938.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.200+/-0.000 χ^2/NDF : 3605113320.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

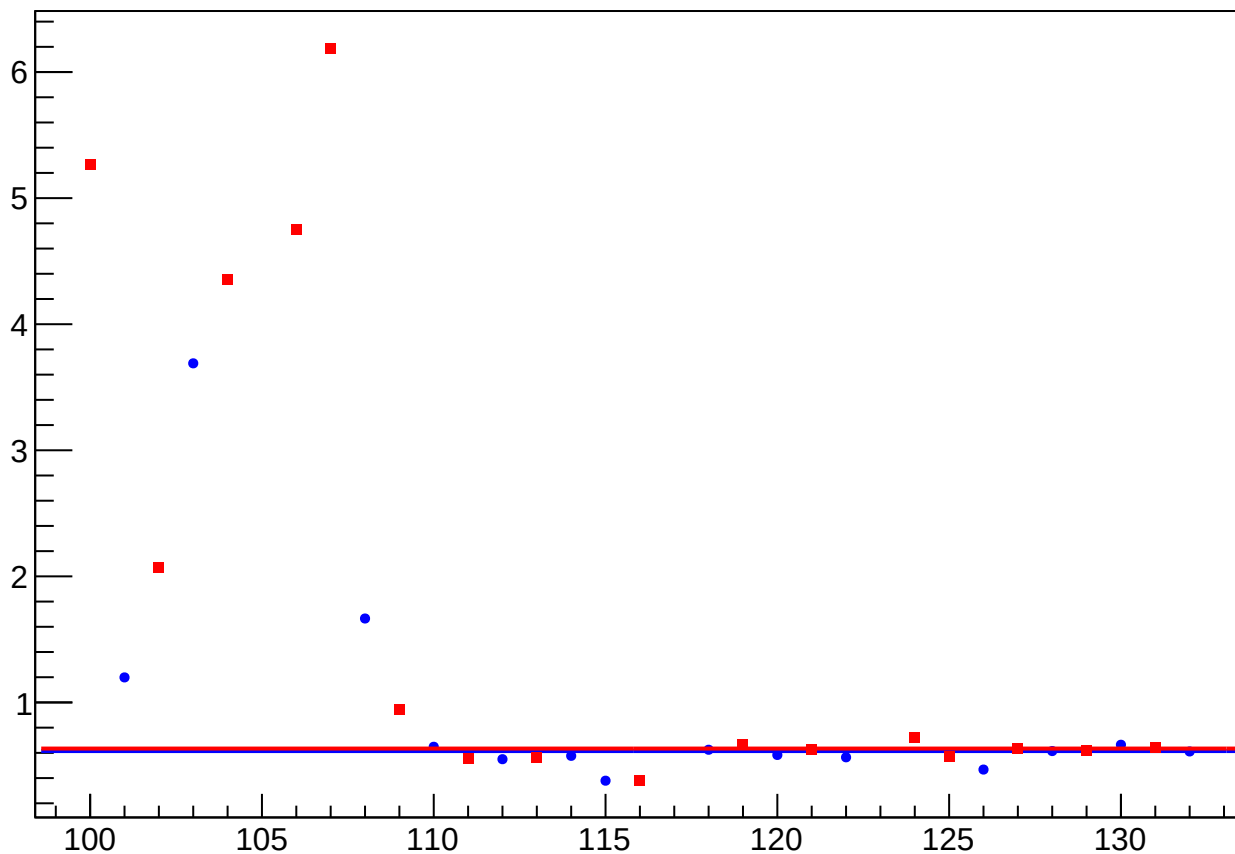
Right: -1.697+/-0.000 χ^2/NDF : 13479088900.8/29

In: -3.068+/-0.000 χ^2/NDF : 9830101938.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.697+/-0.000 χ^2/NDF : 13479088900.8/29

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.614+/-0.000 χ^2/NDF : 1360182.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.634+/-0.000 χ^2/NDF : 2298038.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

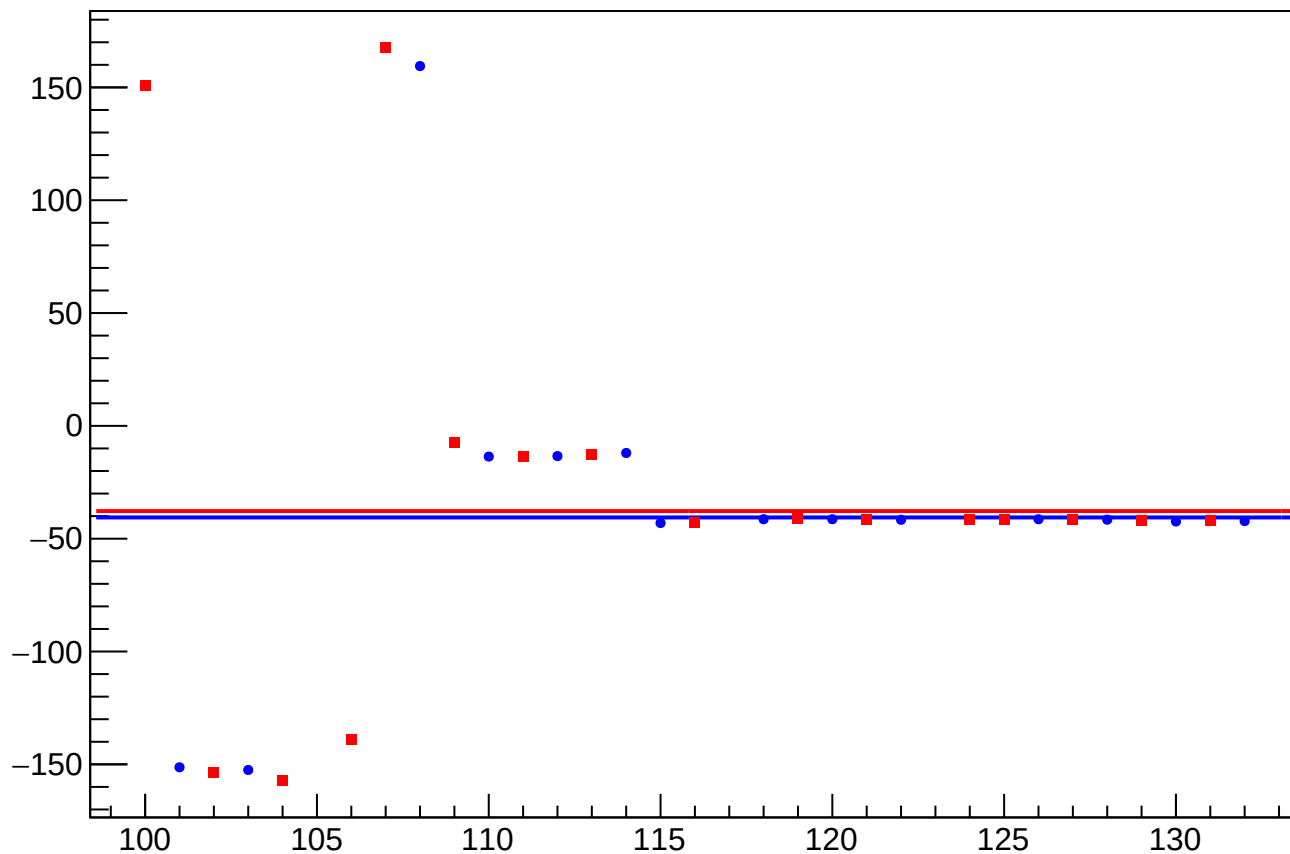
Right: 0.624+/-0.000 χ^2/NDF : 3662462.0/29

In: 0.614+/-0.000 χ^2/NDF : 1360182.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.624+/-0.000 χ^2/NDF : 3662462.0/29

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -40.584+/-0.000 χ^2/NDF : 3444167343.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -37.763+/-0.000 χ^2/NDF : 2417495718.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

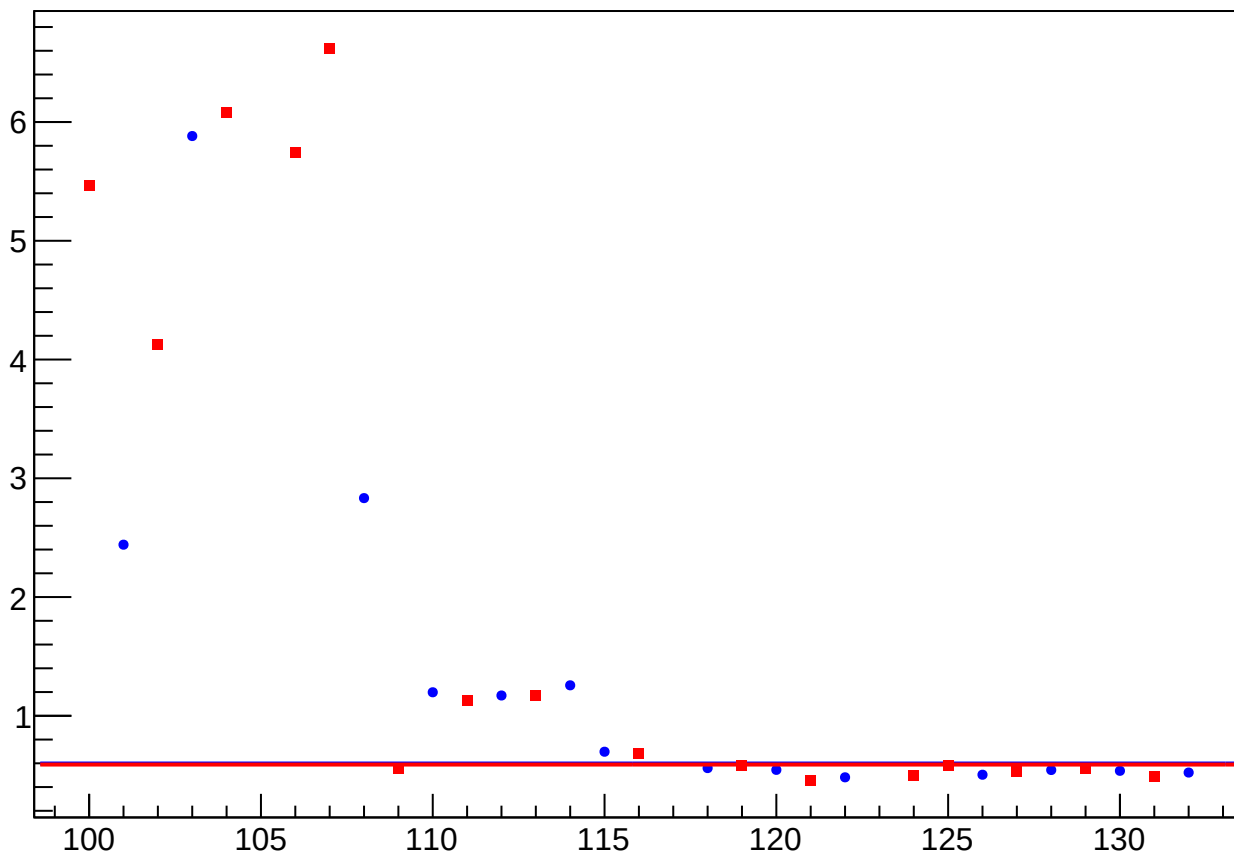
Right: -39.168+/-0.000 χ^2/NDF : 5908589719.8/29

In: -40.584+/-0.000 χ^2/NDF : 3444167343.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.168+/-0.000 χ^2/NDF : 5908589719.8/29

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.598+/-0.000 χ^2/NDF : 2566996.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.590+/-0.000 χ^2/NDF : 2964110.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

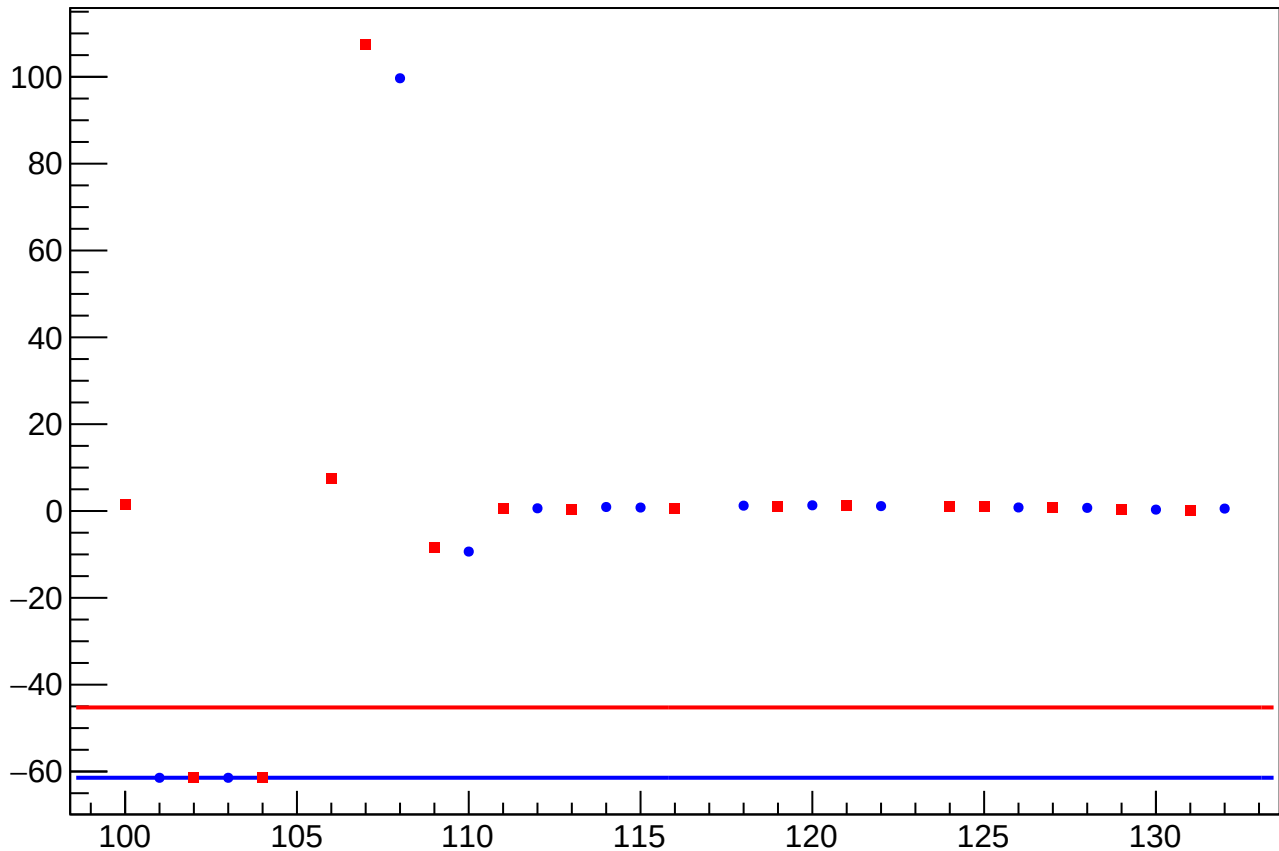
Right: 0.594+/-0.000 χ^2/NDF : 5531998.6/29

In: 0.598+/-0.000 χ^2/NDF : 2566996.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

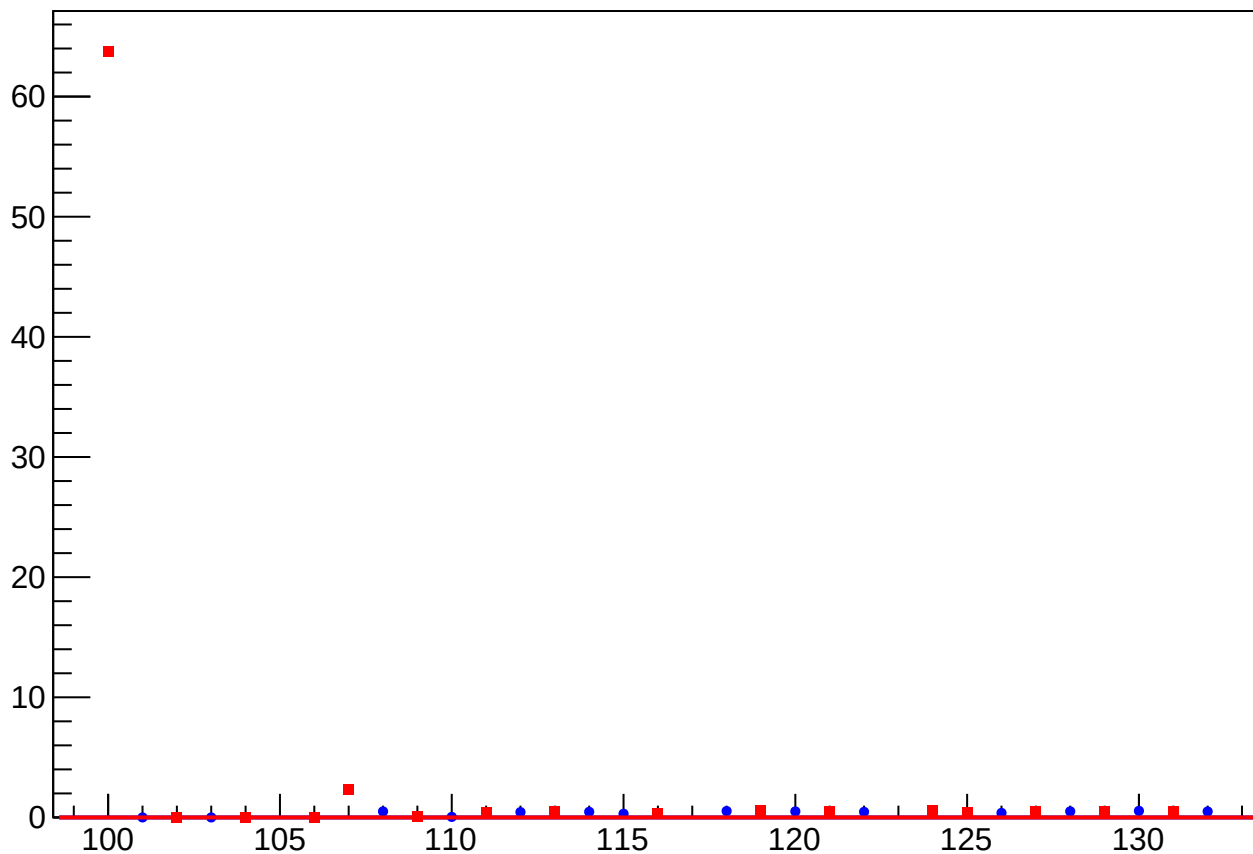
All: 0.594+/-0.000 χ^2/NDF : 5531998.6/29

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -61.437+/-0.000 χ^2/NDF : 245458771241.9/13
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -45.246+/-0.000 χ^2/NDF : 357860125622174.9/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -52.750+/-0.000 χ^2/NDF : 409087386898934

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 7237007.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 7461102.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

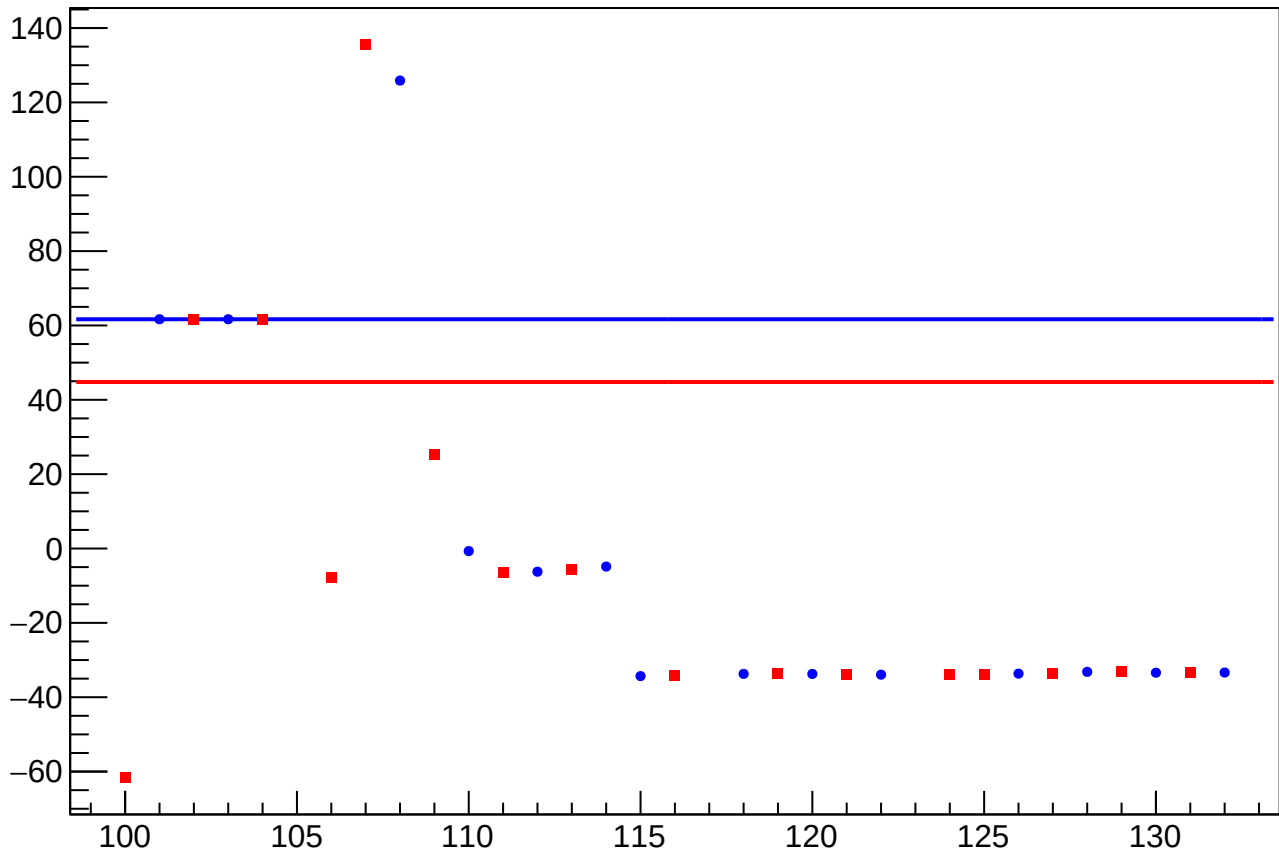
Right: 0.001+/-0.000 χ^2/NDF : 14698110.3/29

In: 0.001+/-0.000 χ^2/NDF : 7237007.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

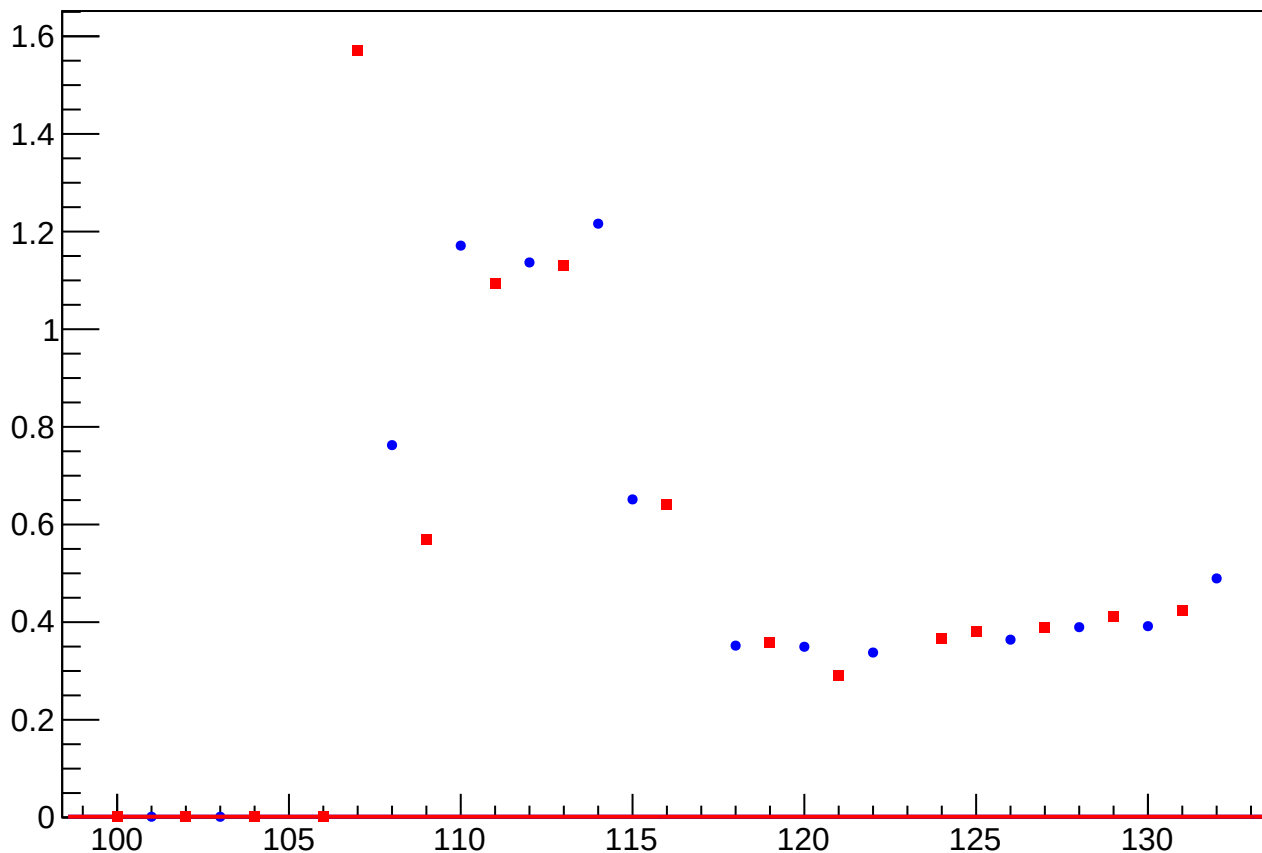
All: 0.001+/-0.000 χ^2/NDF : 14698110.3/29

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 61.667+/-0.000 χ^2/NDF : 202808316783.9/13
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 44.789+/-0.000 χ^2/NDF : 365998985409833.9/15
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 52.693+/-0.000 χ^2/NDF : 417315330546061.8

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 8735361.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 8431068.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

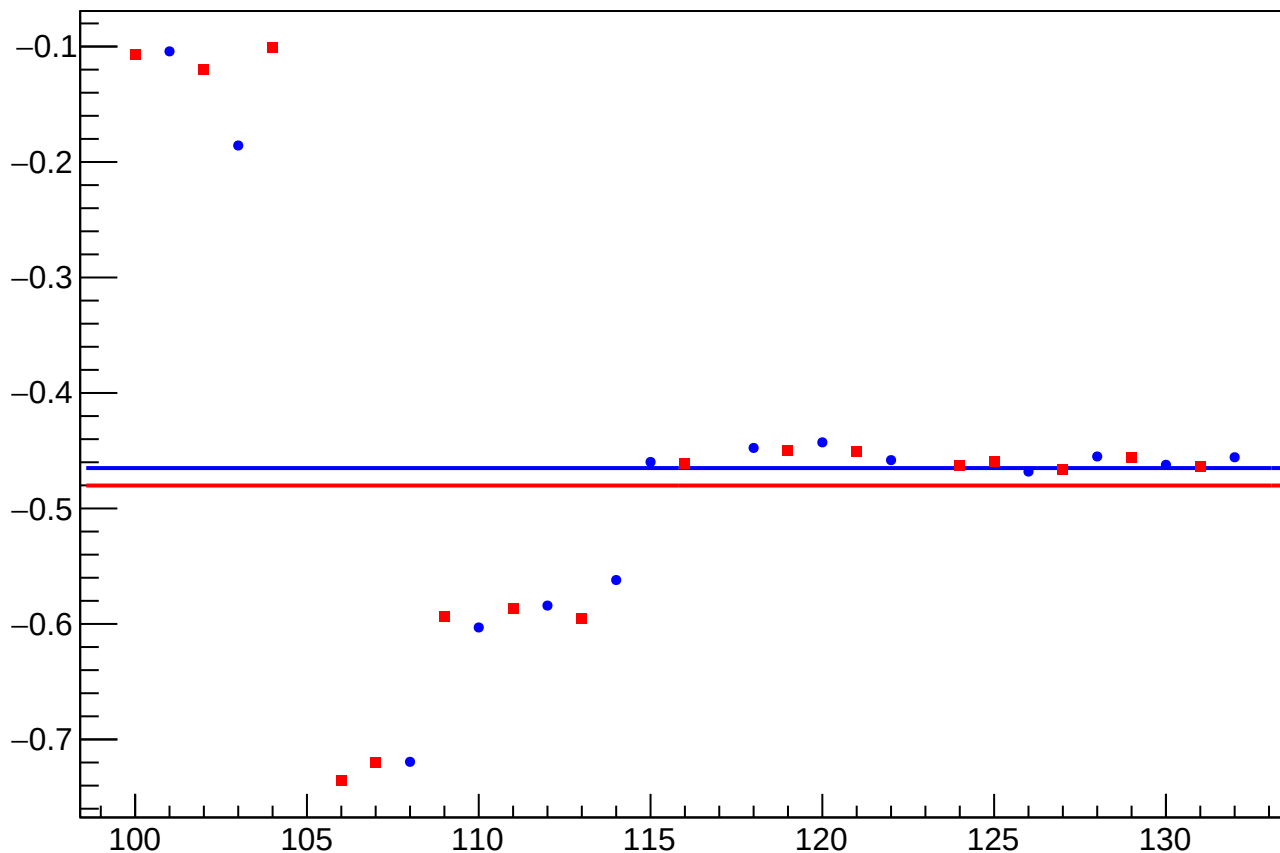
Right: 0.002+/-0.000 χ^2/NDF : 17166601.7/29

In: 0.002+/-0.000 χ^2/NDF :8735361.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 17166601.7/29

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.465+/-0.000 χ^2/NDF : 106565326.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.480+/-0.000 χ^2/NDF : 101633485.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

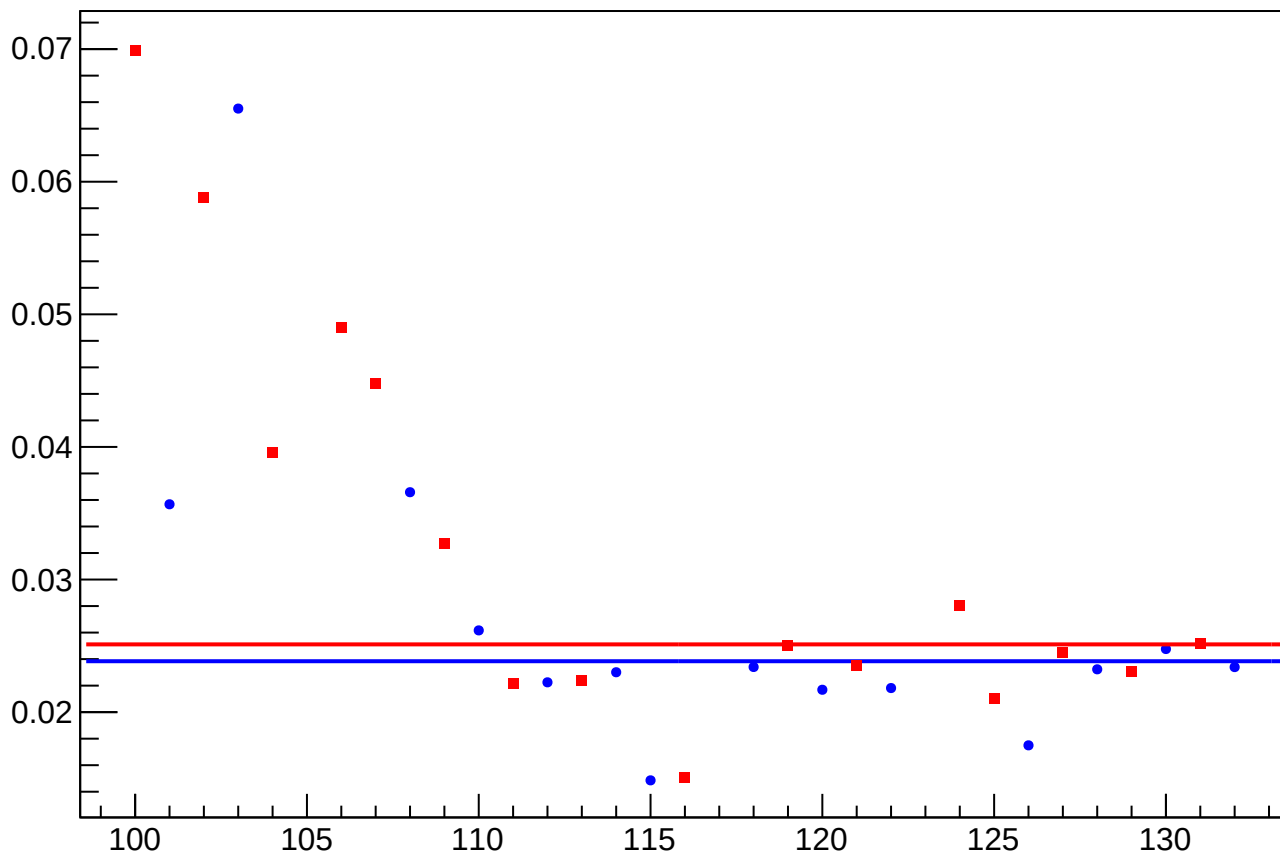
Right: -0.472+/-0.000 χ^2/NDF : 209087367.6/29

In: -0.465+/-0.000 χ^2/NDF :106565326.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.472+/-0.000 χ^2/NDF : 209087367.6/29

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.024+/-0.000 χ^2/NDF : 840285.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.025+/-0.000 χ^2/NDF : 1010117.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

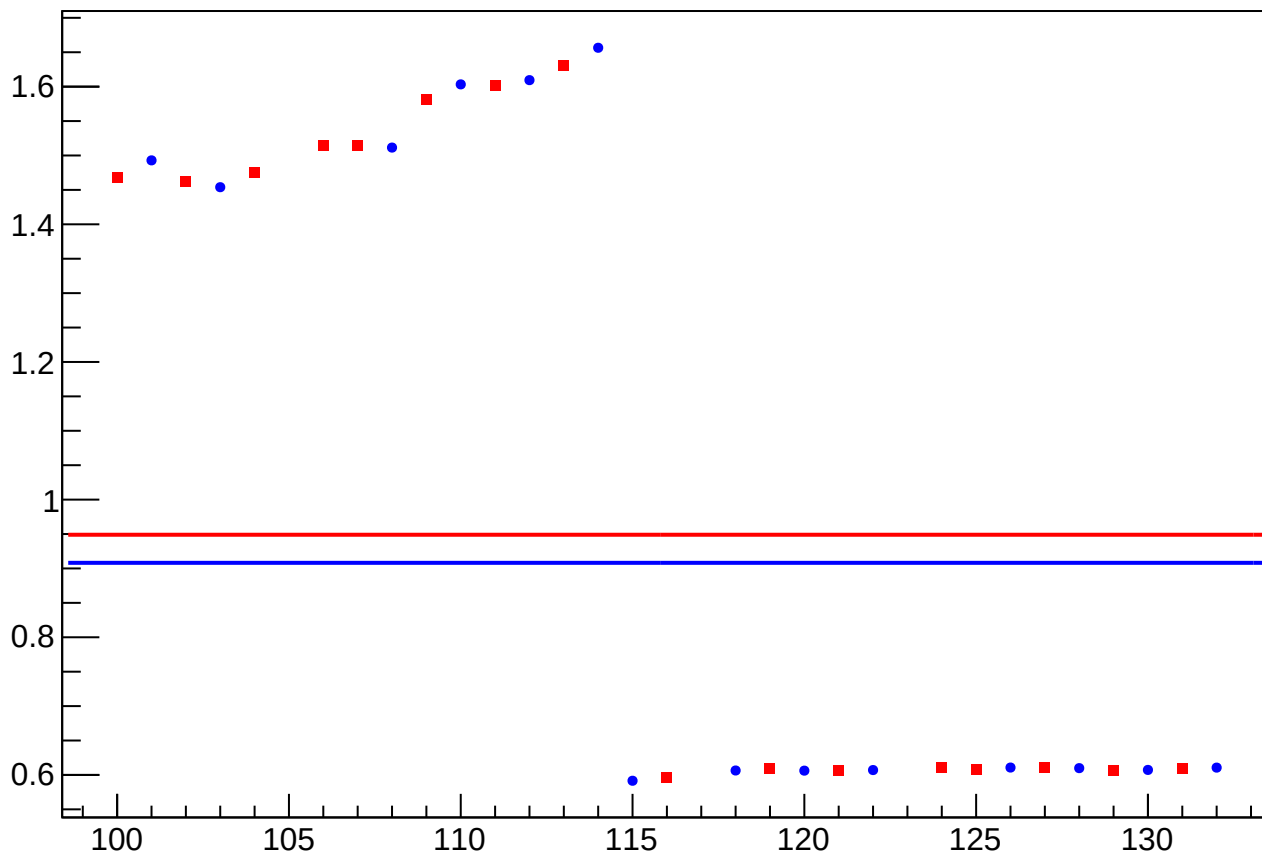
Right: 0.024+/-0.000 χ^2/NDF : 1862933.2/29

In: 0.024+/-0.000 χ^2/NDF :840285.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.024+/-0.000 χ^2/NDF : 1862933.2/29

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 0.908+/-0.000 χ^2/NDF : 3280226385.9/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.949+/-0.000 χ^2/NDF : 3694075578.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

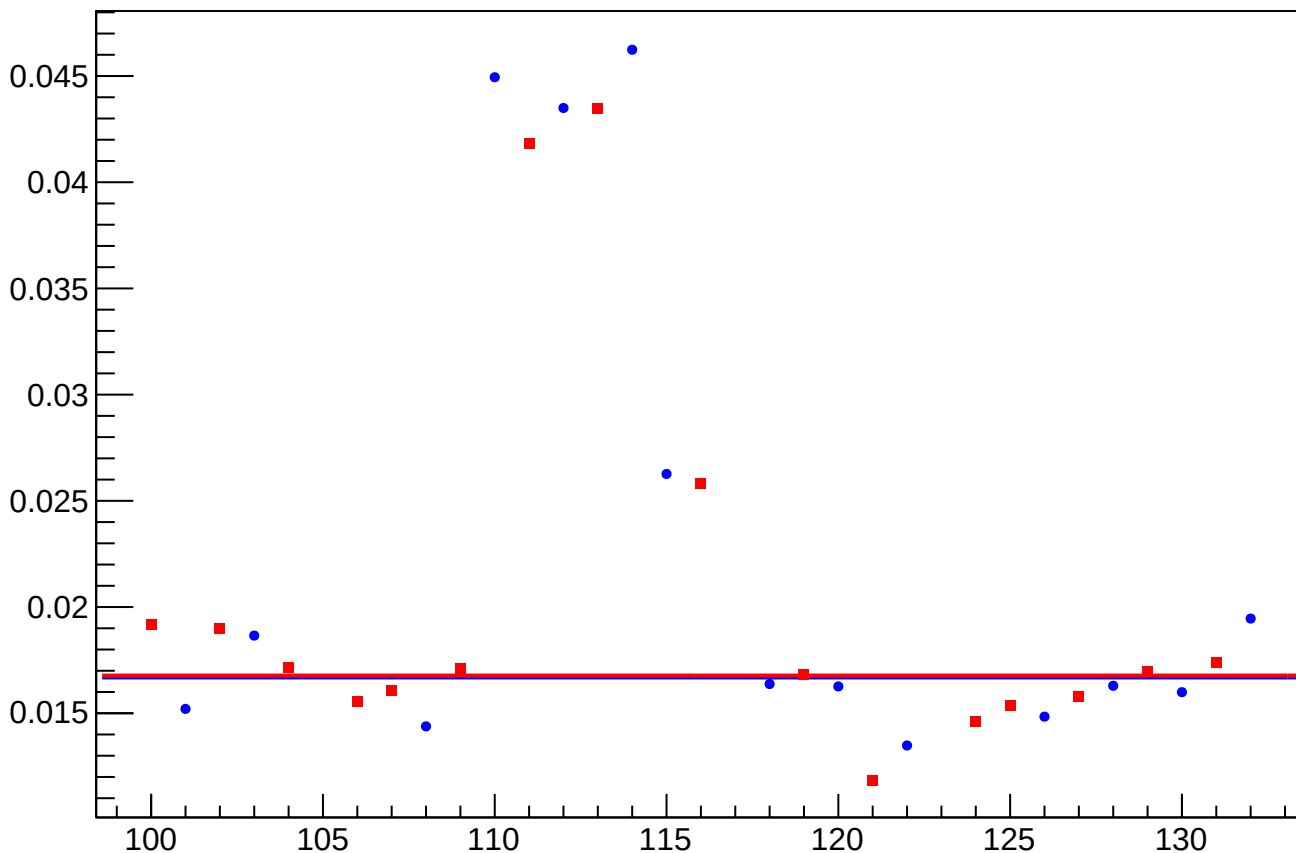
Right: 0.929+/-0.000 χ^2/NDF : 6989988498.2/29

In: 0.908+/-0.000 χ^2/NDF :3280226385.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.929+/-0.000 χ^2/NDF : 6989988498.2/29

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 858486.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.017+/-0.000 χ^2/NDF : 888051.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

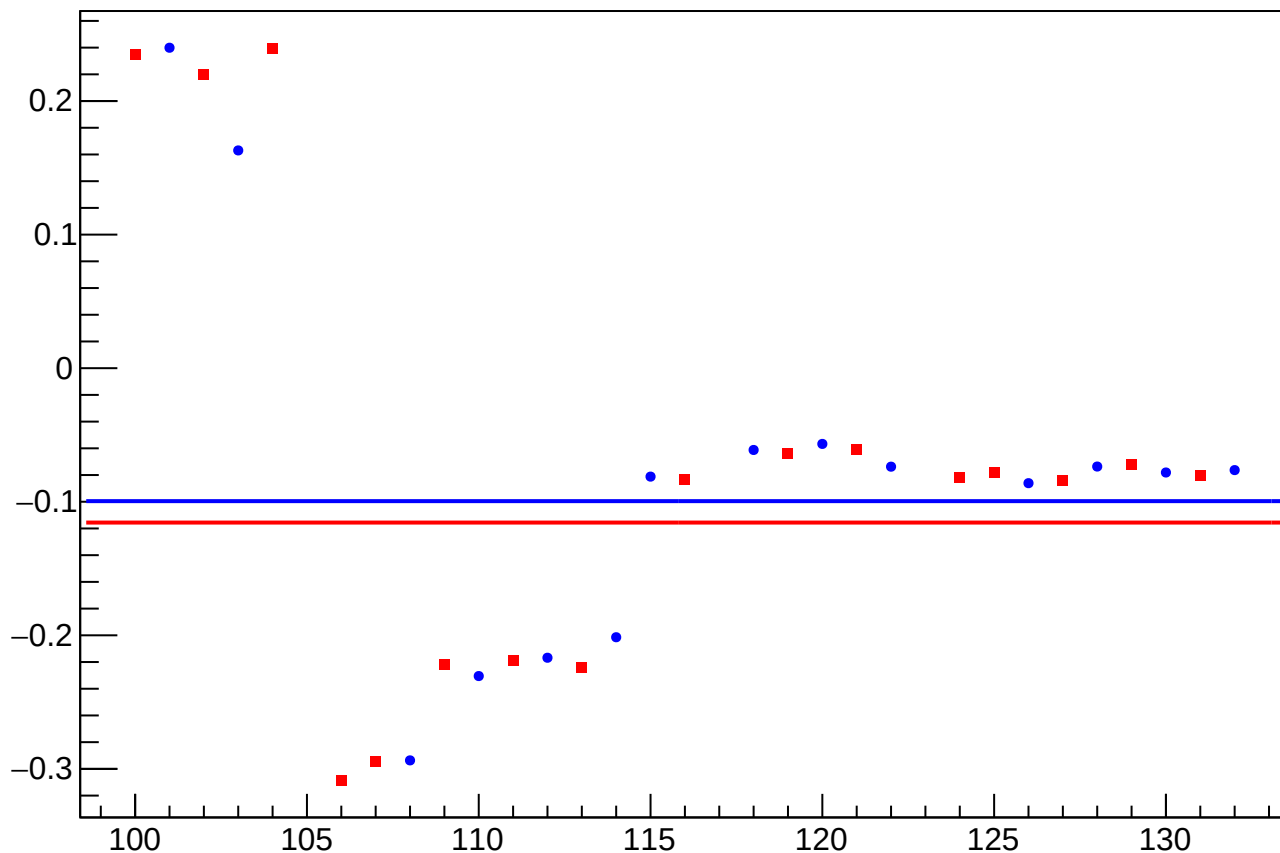
Right: 0.017+/-0.000 χ^2/NDF : 1746696.3/29

In: 0.017+/-0.000 χ^2/NDF :858486.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.017+/-0.000 χ^2/NDF : 1746696.3/29

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.100+/-0.000 χ^2/NDF : 106545611.9/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.116+/-0.000 χ^2/NDF : 108988196.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

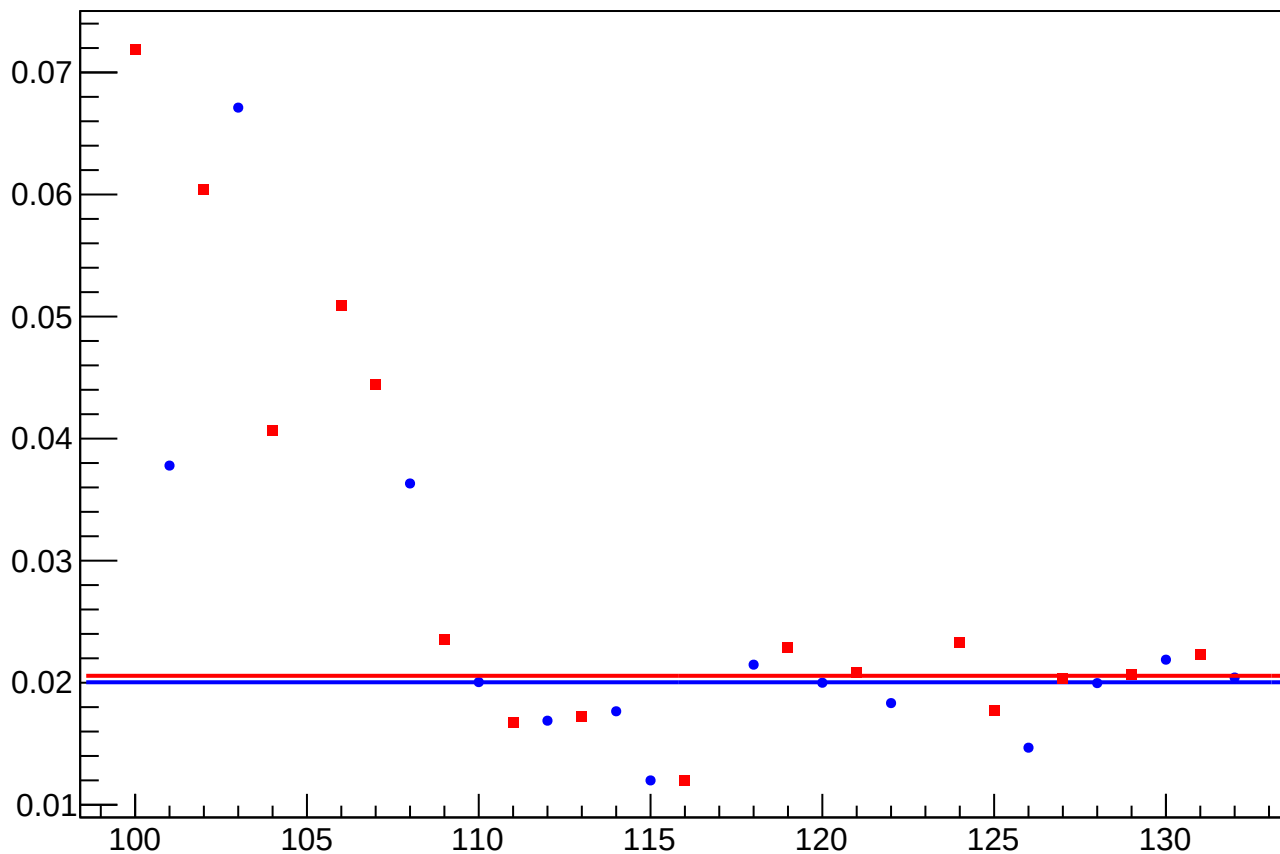
Right: -0.108+/-0.000 χ^2/NDF : 216936158.9/29

In: -0.100+/-0.000 χ^2/NDF :106545611.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.108+/-0.000 χ^2/NDF : 216936158.9/29

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 1163563.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.021+/-0.000 χ^2/NDF : 1372588.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

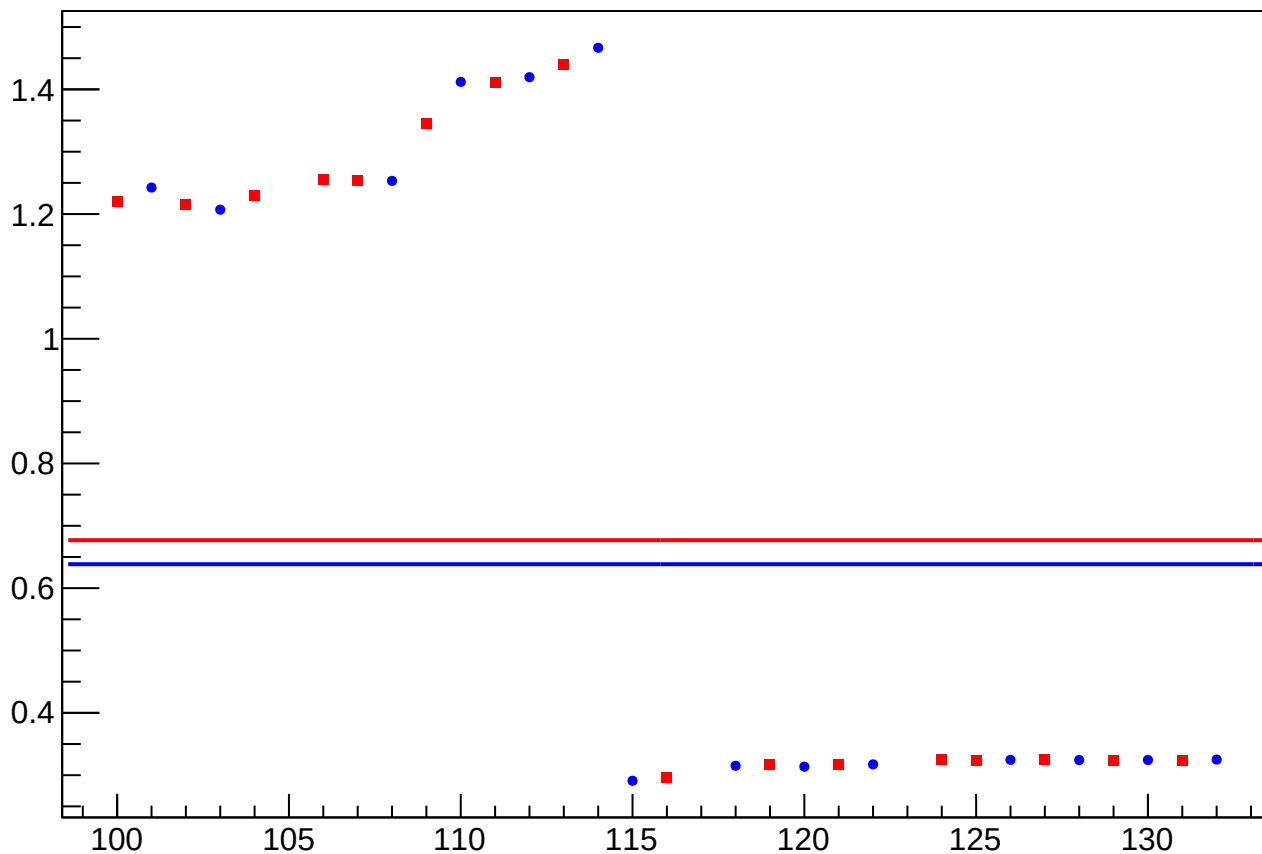
Right: 0.020+/-0.000 χ^2/NDF : 2539223.1/29

In: 0.020+/-0.000 χ^2/NDF :1163563.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.020+/-0.000 χ^2/NDF : 2539223.1/29

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.638+/-0.000 χ^2/NDF : 5232106777.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.677+/-0.000 χ^2/NDF : 5556110342.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

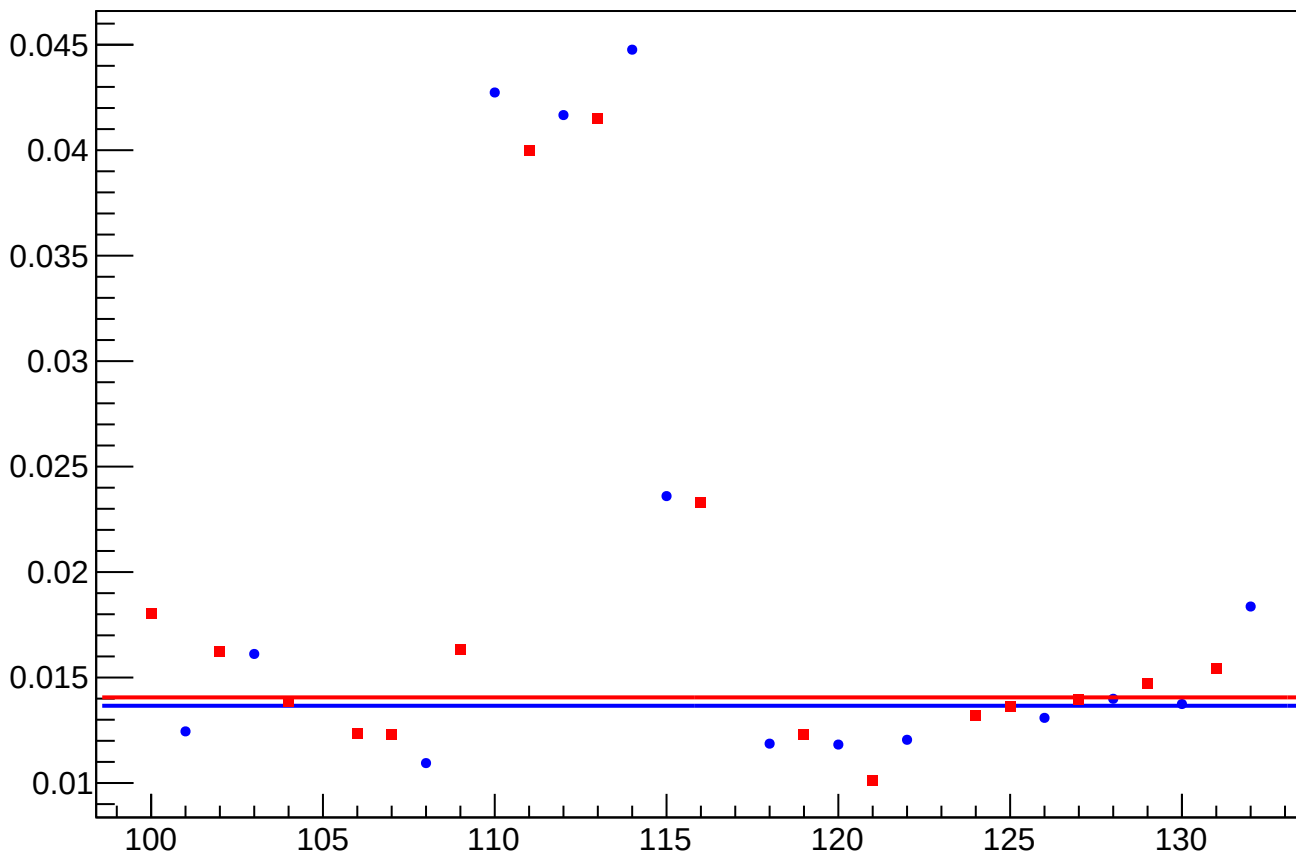
Right: 0.658+/-0.000 χ^2/NDF : 10808070060.6/29

In: 0.638+/-0.000 χ^2/NDF : 5232106777.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.658+/-0.000 χ^2/NDF : 10808070060.6/29

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000

χ^2/NDF : 1060838.5/13

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000

χ^2/NDF : 1039381.8/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.014+/-0.000

χ^2/NDF : 2104443.1/29

In: 0.014+/-0.000

χ^2/NDF : 1060838.5/13

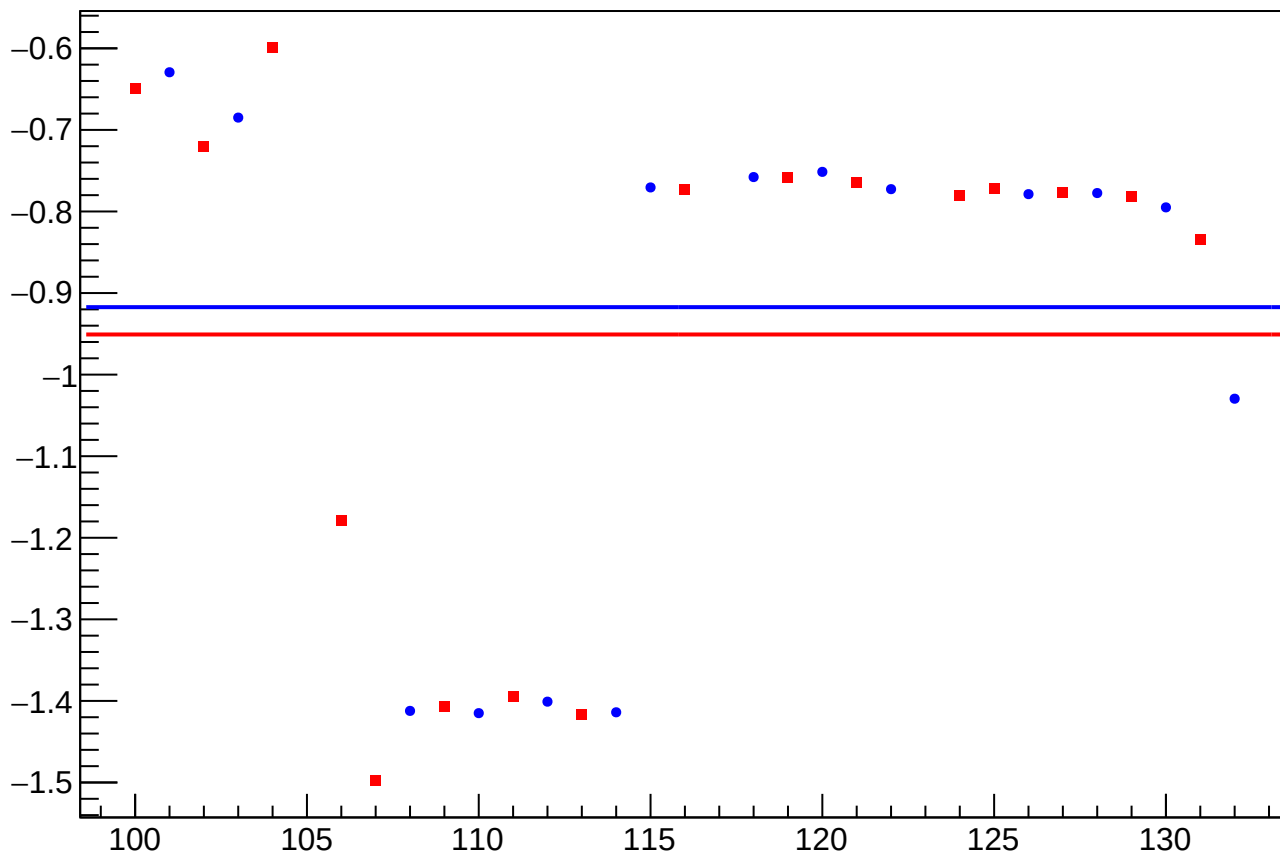
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.014+/-0.000

χ^2/NDF : 2104443.1/29

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -0.917+/-0.000 χ^2/NDF : 594281199.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.951+/-0.000 χ^2/NDF : 670743512.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

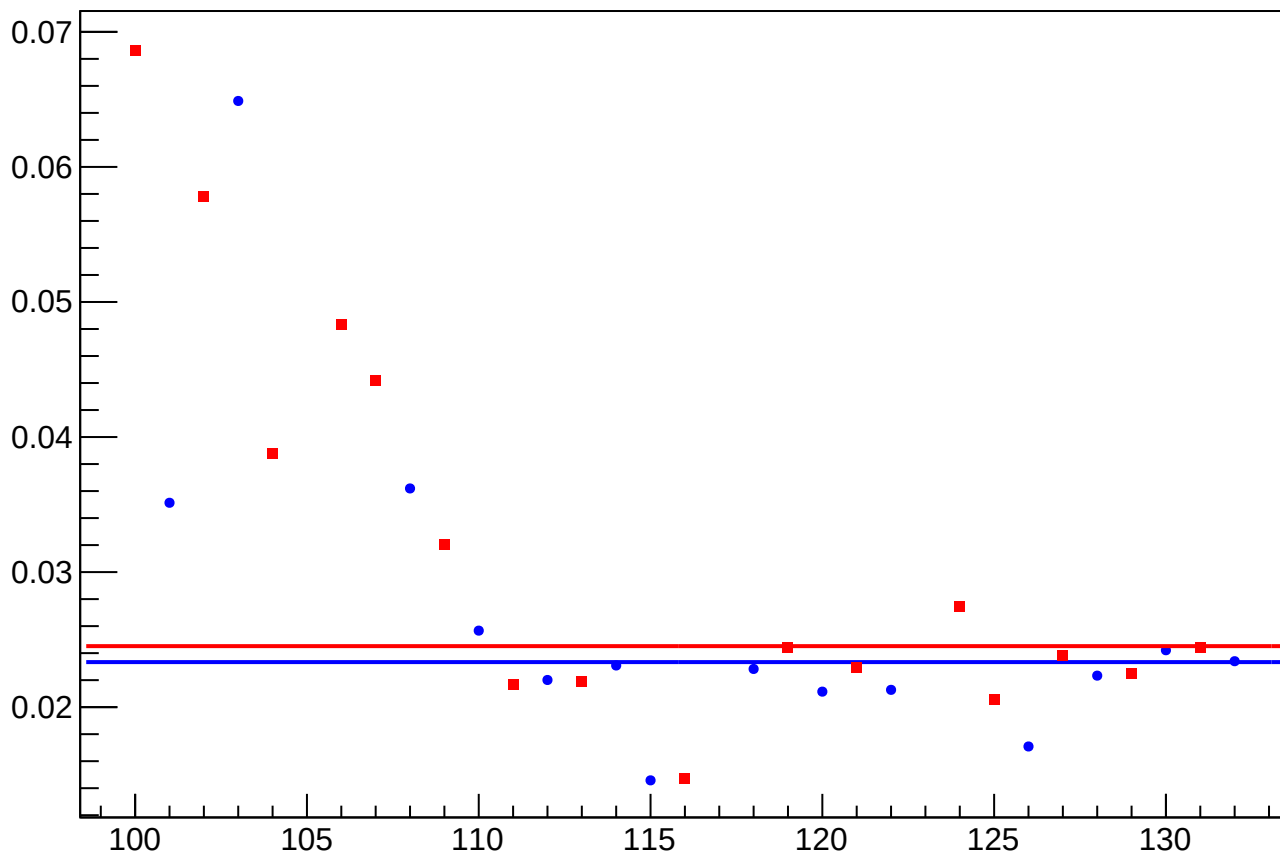
Right: -0.934+/-0.000 χ^2/NDF : 1269571735.8/29

In: -0.917+/-0.000 χ^2/NDF :594281199.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.934+/-0.000 χ^2/NDF : 1269571735.8/29

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 851289.9/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.025+/-0.000 χ^2/NDF : 1018690.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

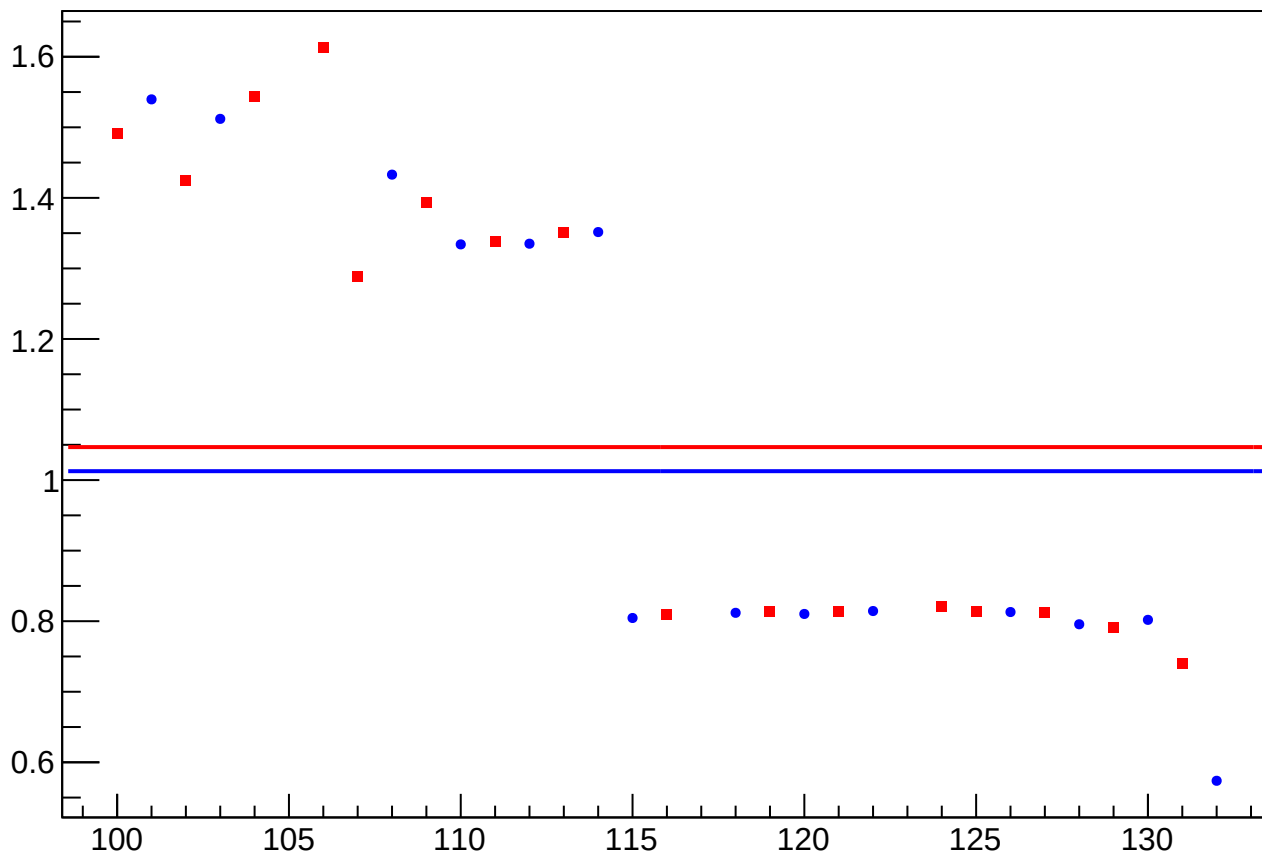
Right: 0.024+/-0.000 χ^2/NDF : 1881303.1/29

In: 0.023+/-0.000 χ^2/NDF :851289.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.024+/-0.000 χ^2/NDF : 1881303.1/29

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 1.013+/-0.000

χ^2/NDF : 2004636062.3/13

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 1.030+/-0.000 χ^2/NDF : 3975024147.4/29

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 1.013+/-0.000 χ^2/NDF : 2004636062.3/13

Right Out: 1.047+/-0.000 χ^2/NDF : 1959680273.3/15

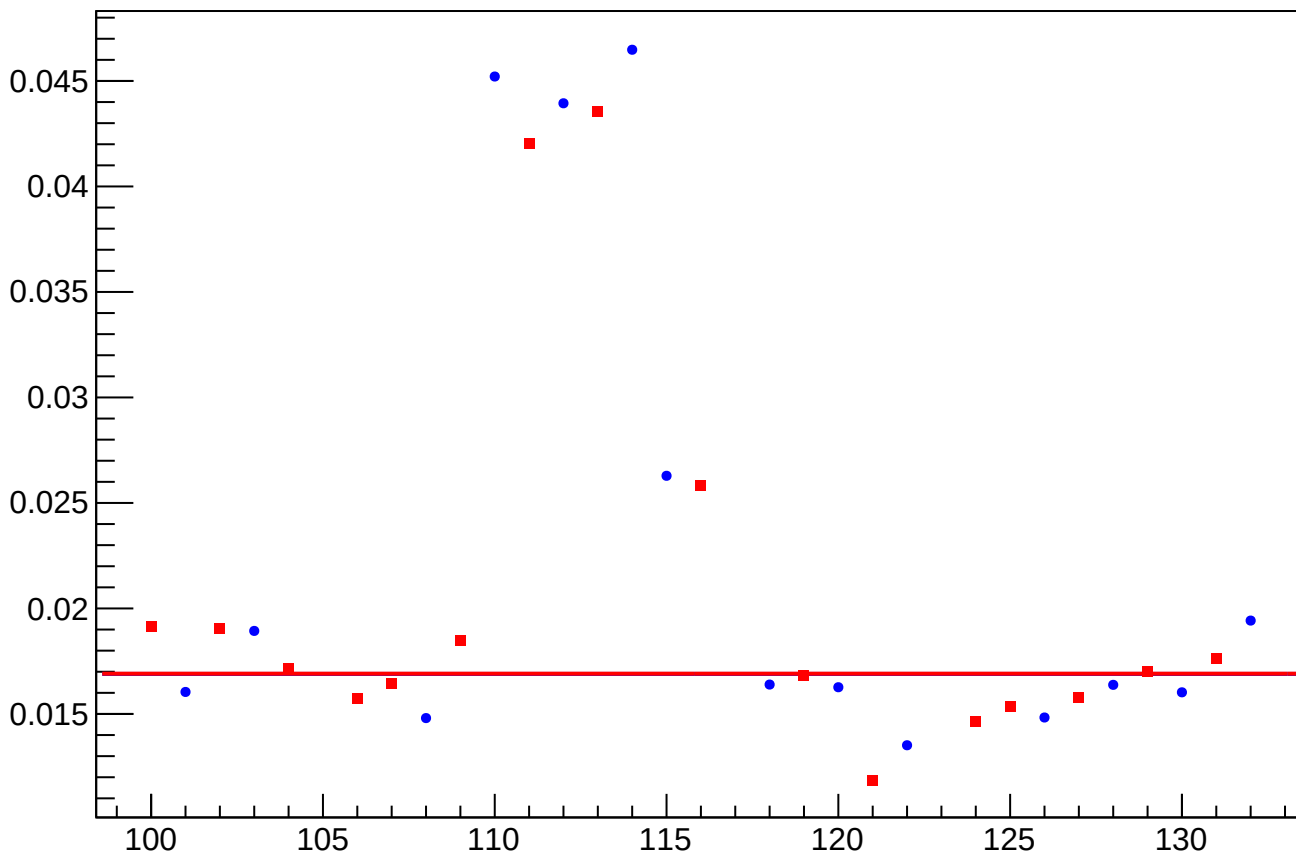
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.030+/-0.000 χ^2/NDF : 3975024147.4/29

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 849436.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.017+/-0.000 χ^2/NDF : 894957.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

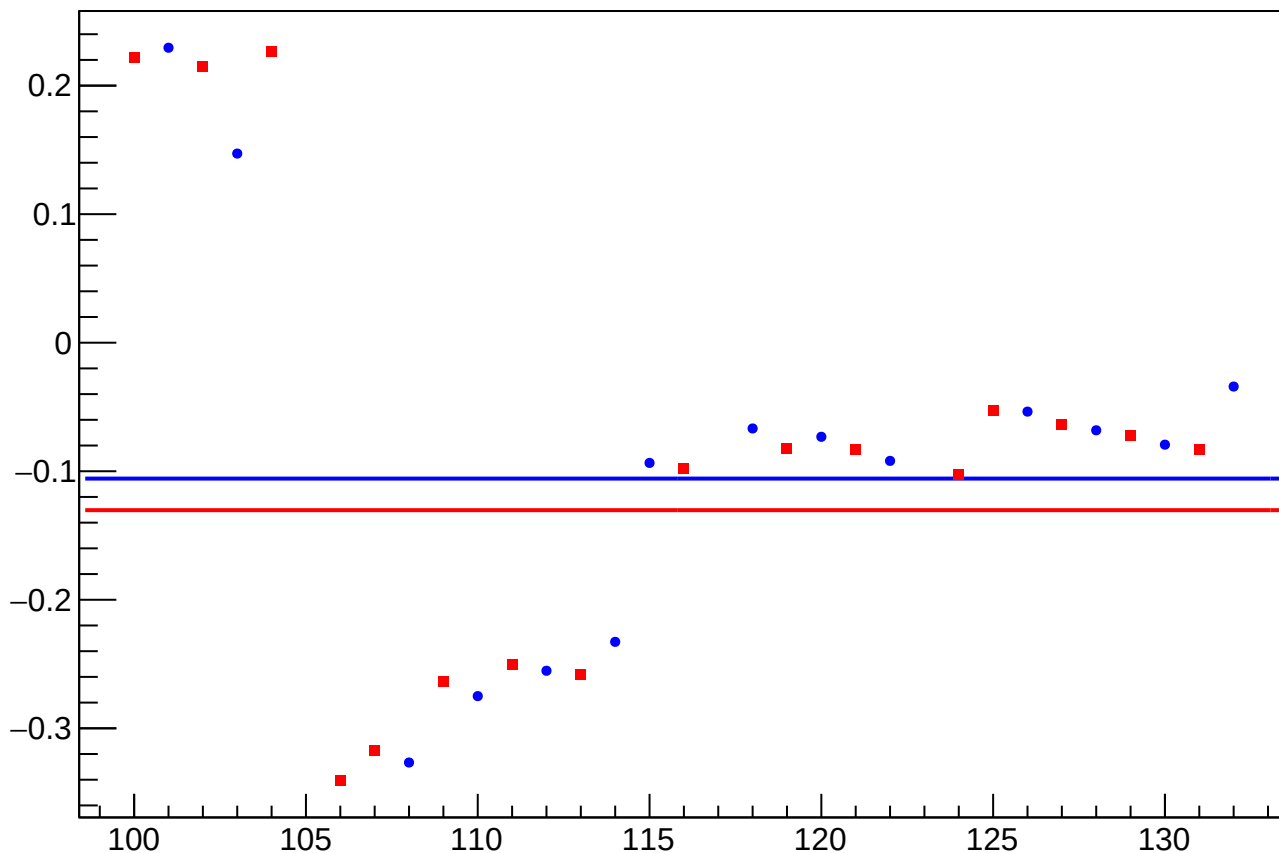
Right: 0.017+/-0.000 χ^2/NDF : 1744396.2/29

In: 0.017+/-0.000 χ^2/NDF :849436.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.017+/-0.000 χ^2/NDF : 1744396.2/29

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.106+/-0.000 χ^2/NDF : 135297275.6/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.130+/-0.000 χ^2/NDF : 132144075.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

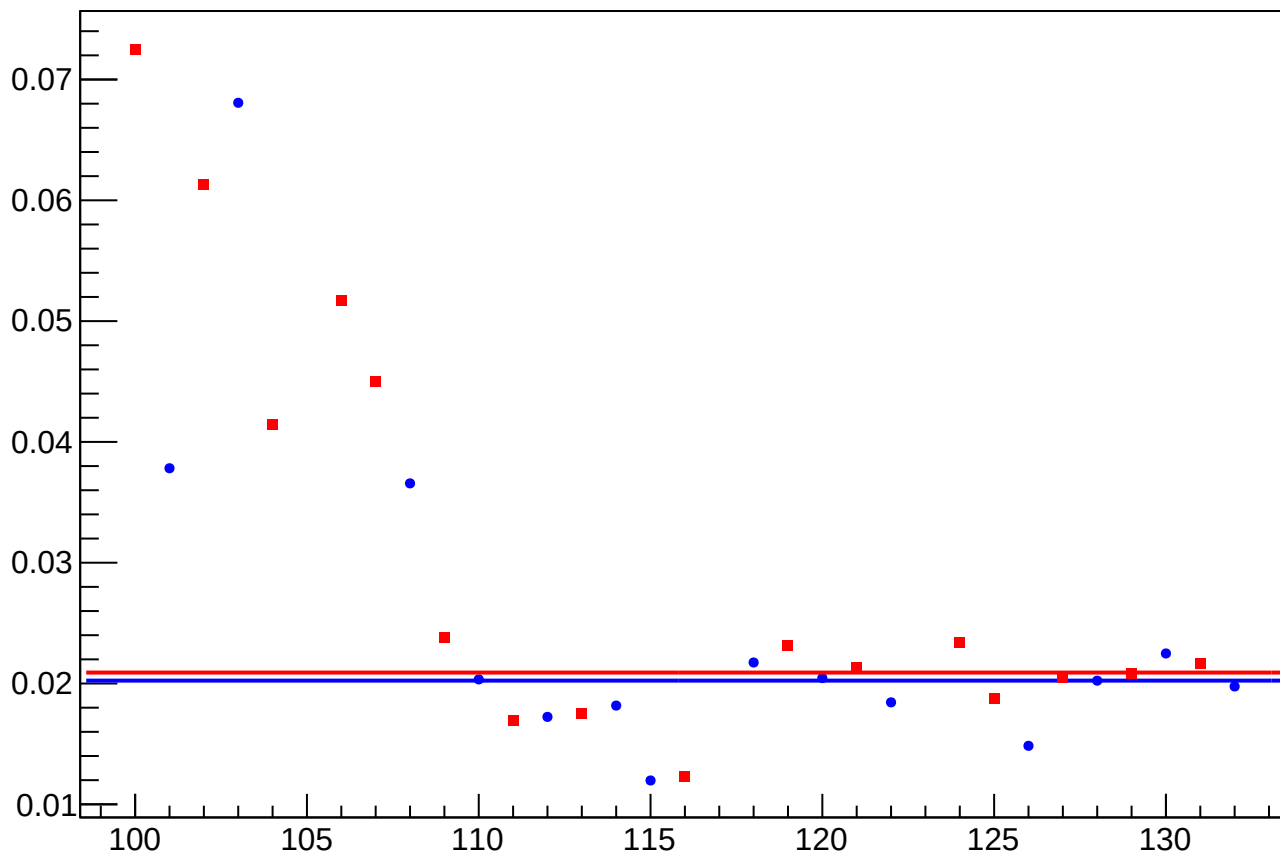
Right: -0.118+/-0.000 χ^2/NDF : 270649184.4/29

In: -0.106+/-0.000 χ^2/NDF :135297275.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.118+/-0.000 χ^2/NDF : 270649184.4/29

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 1158108.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.021+/-0.000 χ^2/NDF : 1354639.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

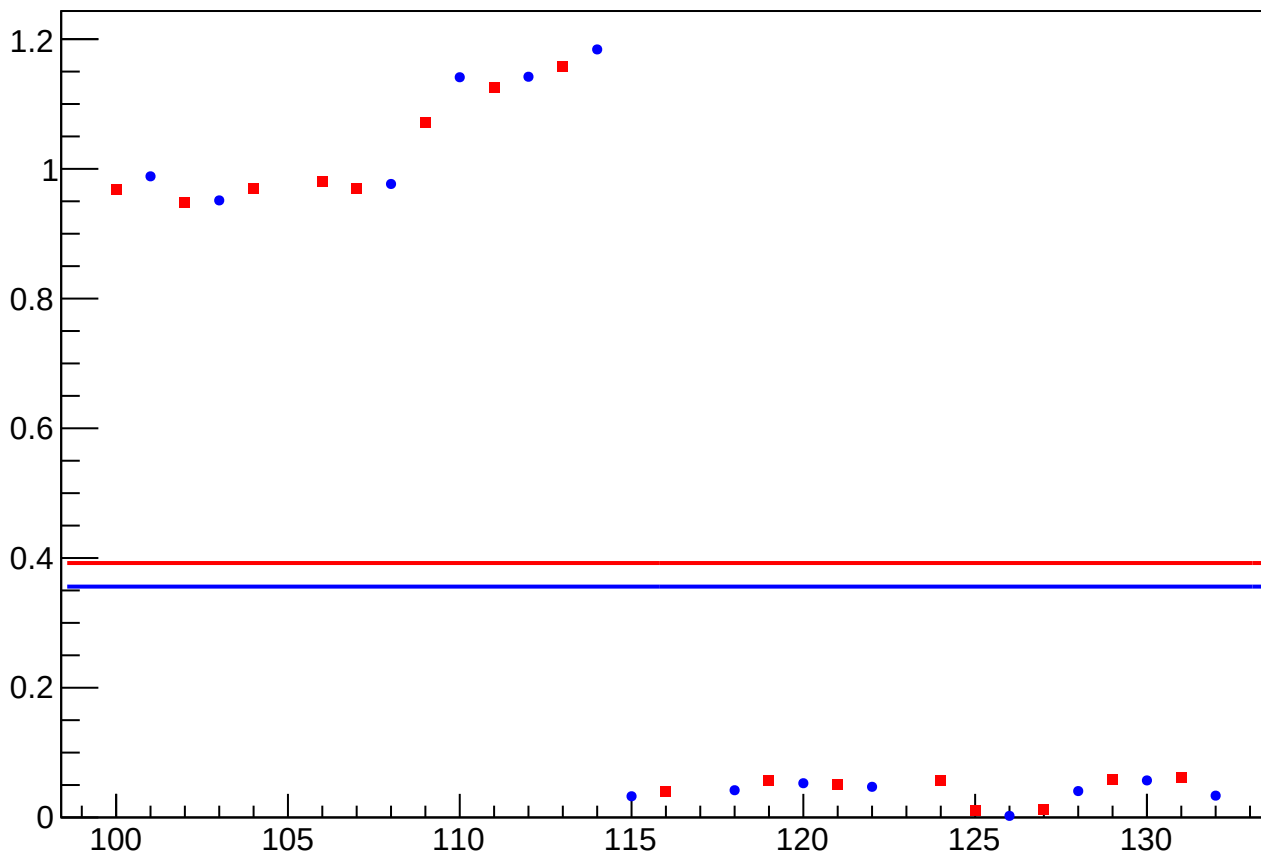
Right: 0.021+/-0.000 χ^2/NDF : 2517466.3/29

In: 0.020+/-0.000 χ^2/NDF :1158108.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.021+/-0.000 χ^2/NDF : 2517466.3/29

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.356+/-0.000 χ^2/NDF : 5476908353.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.392+/-0.000 χ^2/NDF : 5658558385.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

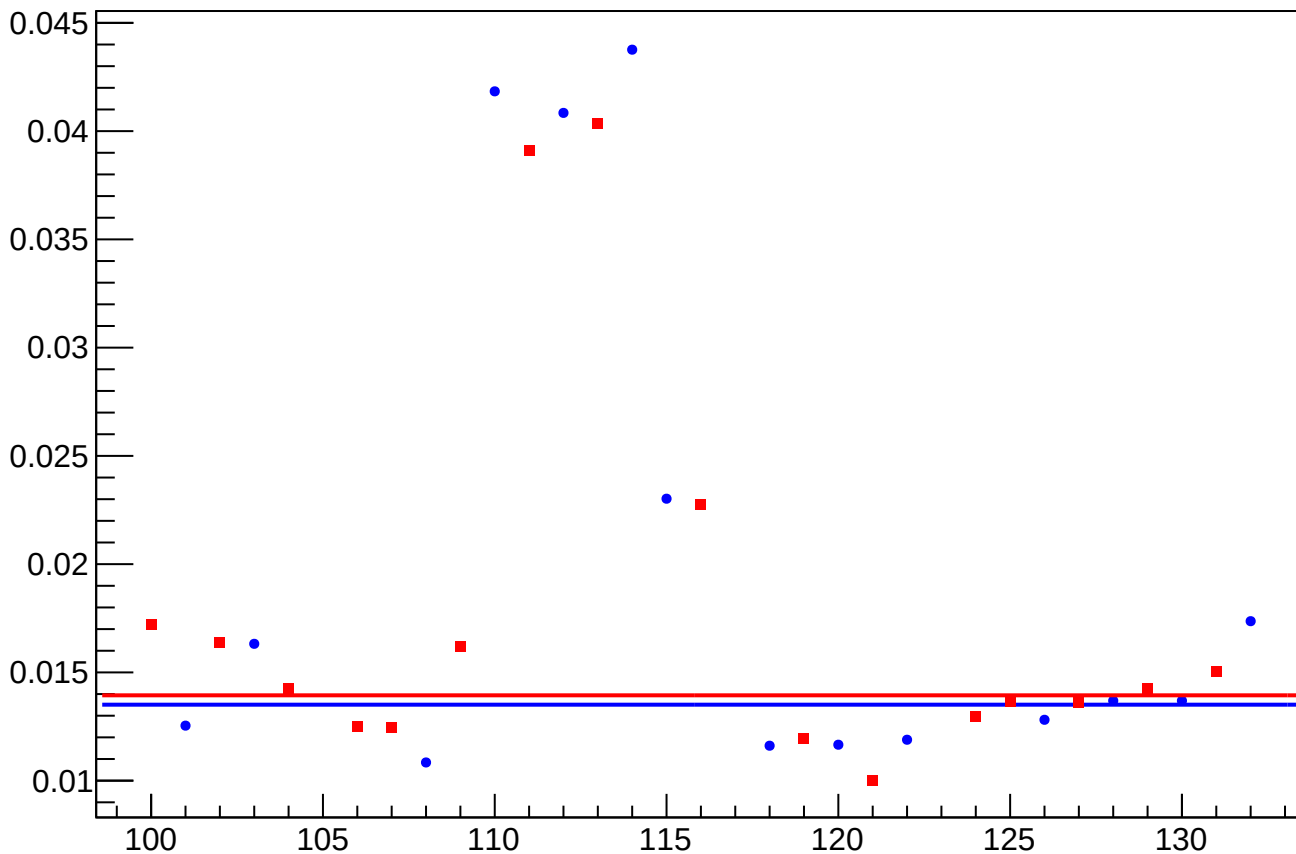
Right: 0.374+/-0.000 χ^2/NDF : 11153472705.3/29

In: 0.356+/-0.000 χ^2/NDF :5476908353.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.374+/-0.000 χ^2/NDF : 11153472705.3/29

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1047481.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 1029020.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

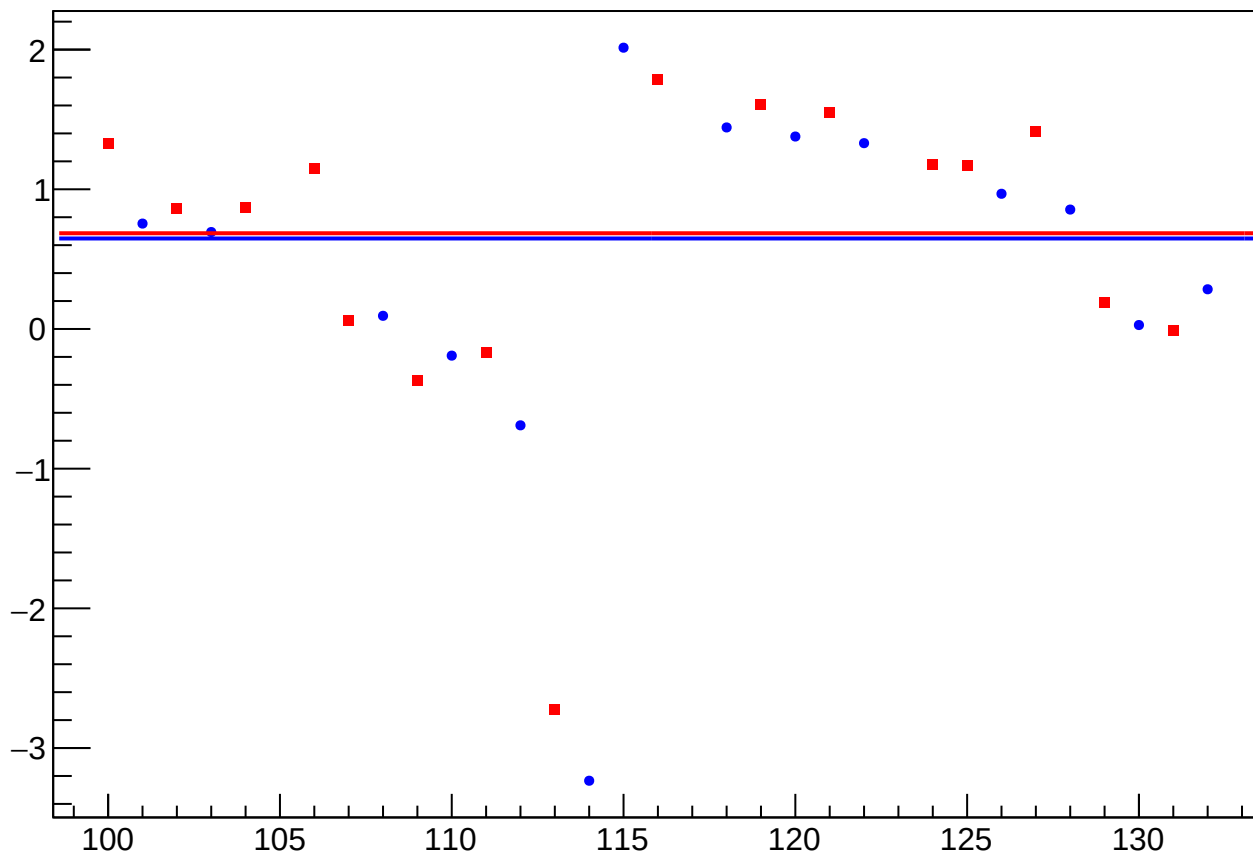
Right: 0.014+/-0.000 χ^2/NDF : 2081607.2/29

In: 0.014+/-0.000 χ^2/NDF : 1047481.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 2081607.2/29

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.648 $\pm$ 0.000 χ^2 /NDF: 419256305.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.685 $\pm$ 0.000 χ^2 /NDF: 1105544057.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

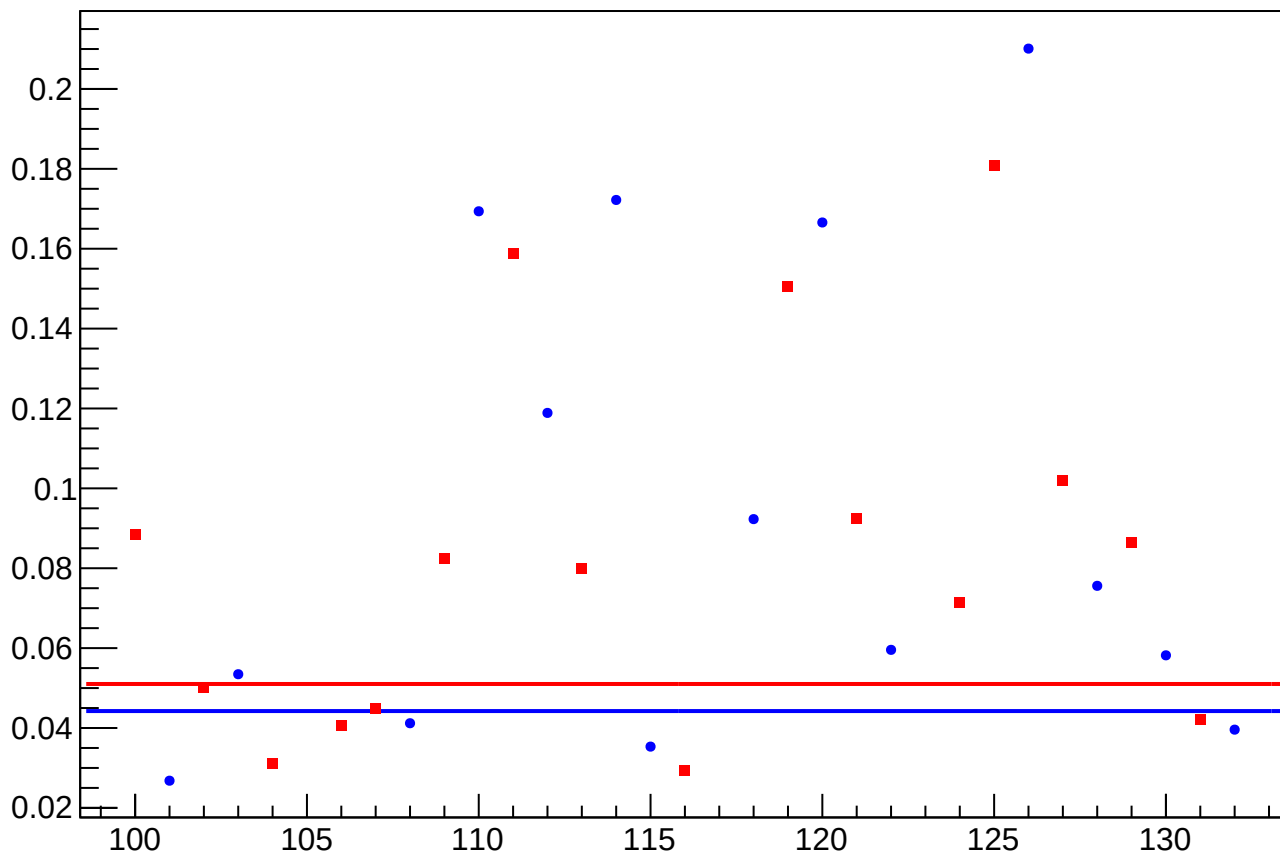
Right: 0.665 $\pm$ 0.000 χ^2 /NDF: 1525874610.3/29

In: 0.648 $\pm$ 0.000 χ^2 /NDF:419256305.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.665 $\pm$ 0.000 χ^2 /NDF: 1525874610.3/29

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.044+/-0.000 χ^2/NDF : 2568434.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.051+/-0.000 χ^2/NDF : 2297416.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

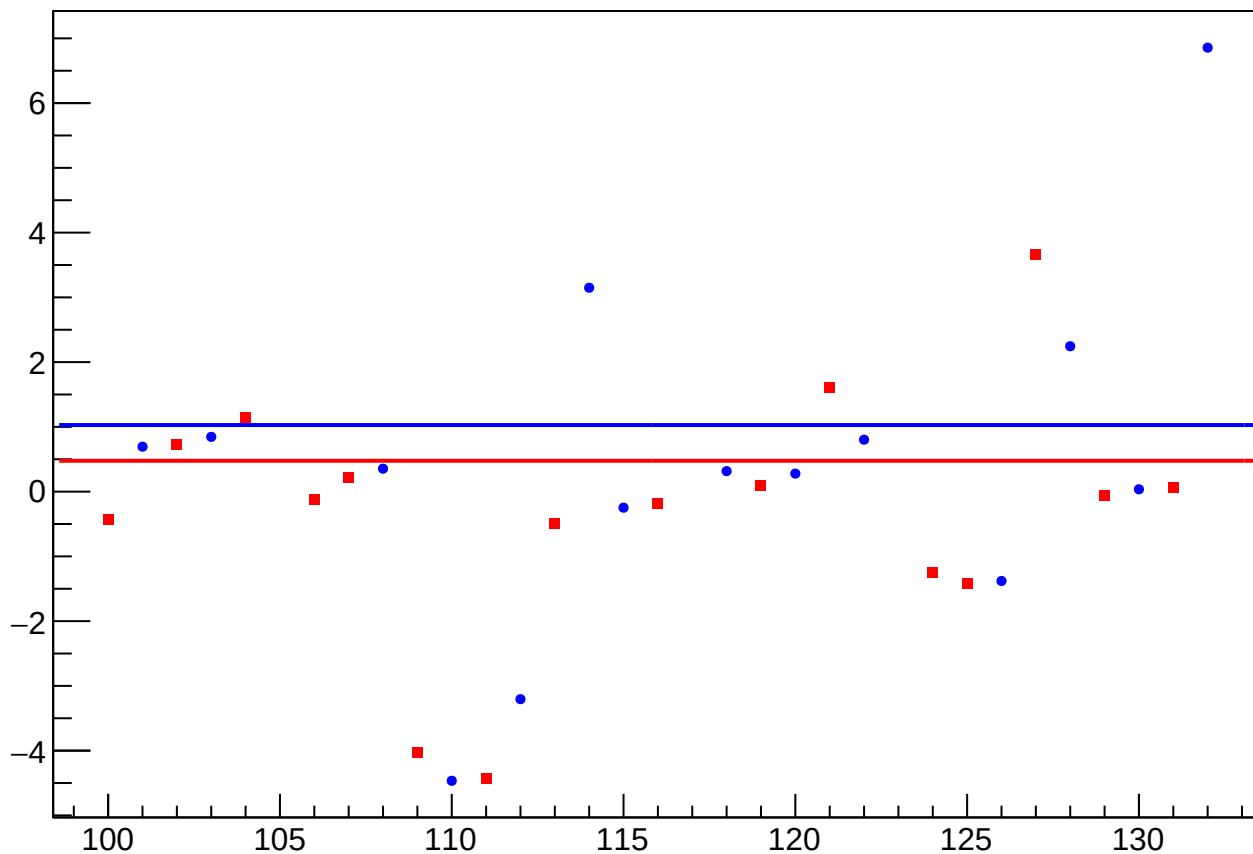
Right: 0.047+/-0.000 χ^2/NDF : 4936125.5/29

In: 0.044+/-0.000 χ^2/NDF : 2568434.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

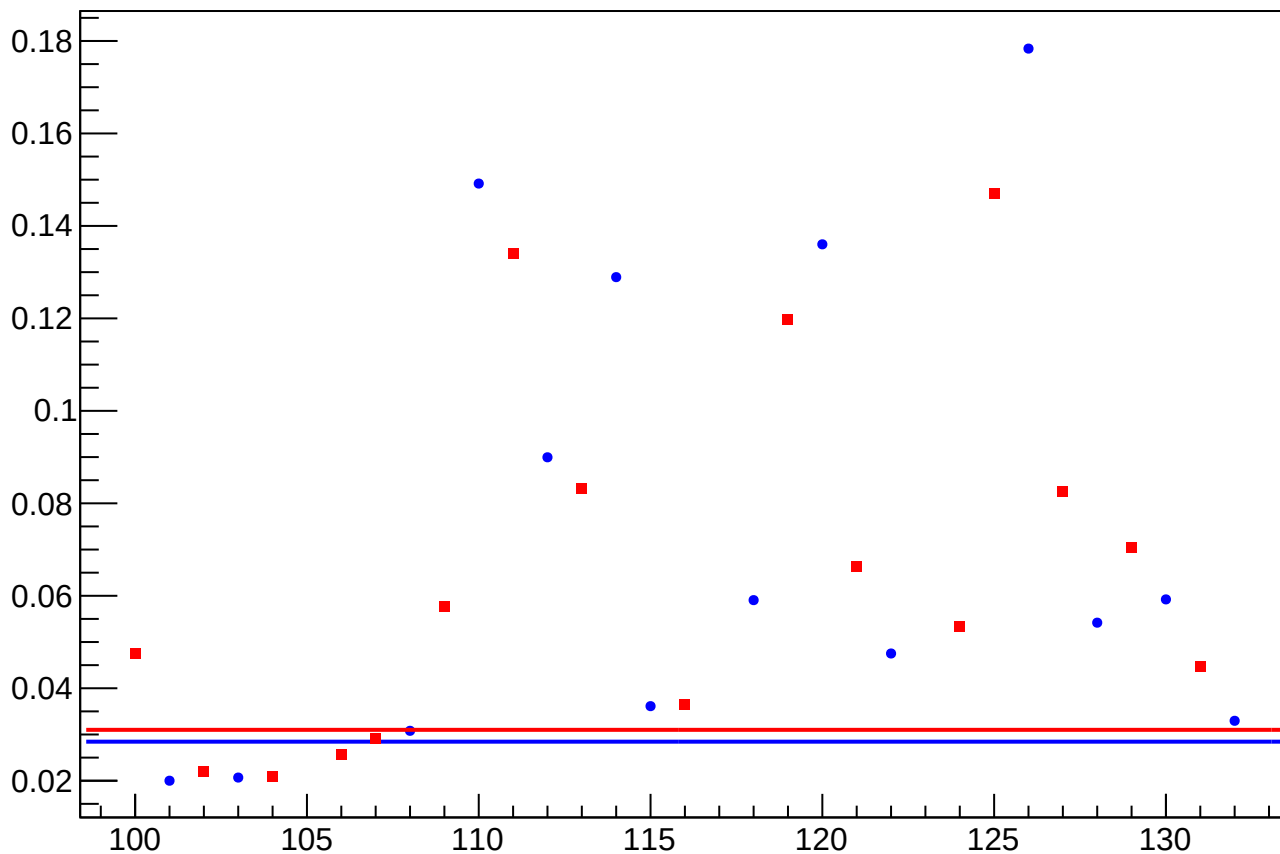
All: 0.047+/-0.000 χ^2/NDF : 4936125.5/29

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 1.029+/-0.000 χ^2/NDF : 10300137302.1/13
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.762+/-0.000 χ^2/NDF : 15344431238.5/29
 Right Out: 0.477+/-0.000 χ^2/NDF : 4476748326.3/15
 In: 1.029+/-0.000 χ^2/NDF : 10300137302.1/13
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.762+/-0.000 χ^2/NDF : 15344431238.5/29

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.028+/-0.000 χ^2/NDF : 2890063.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.031+/-0.000 χ^2/NDF : 3067460.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

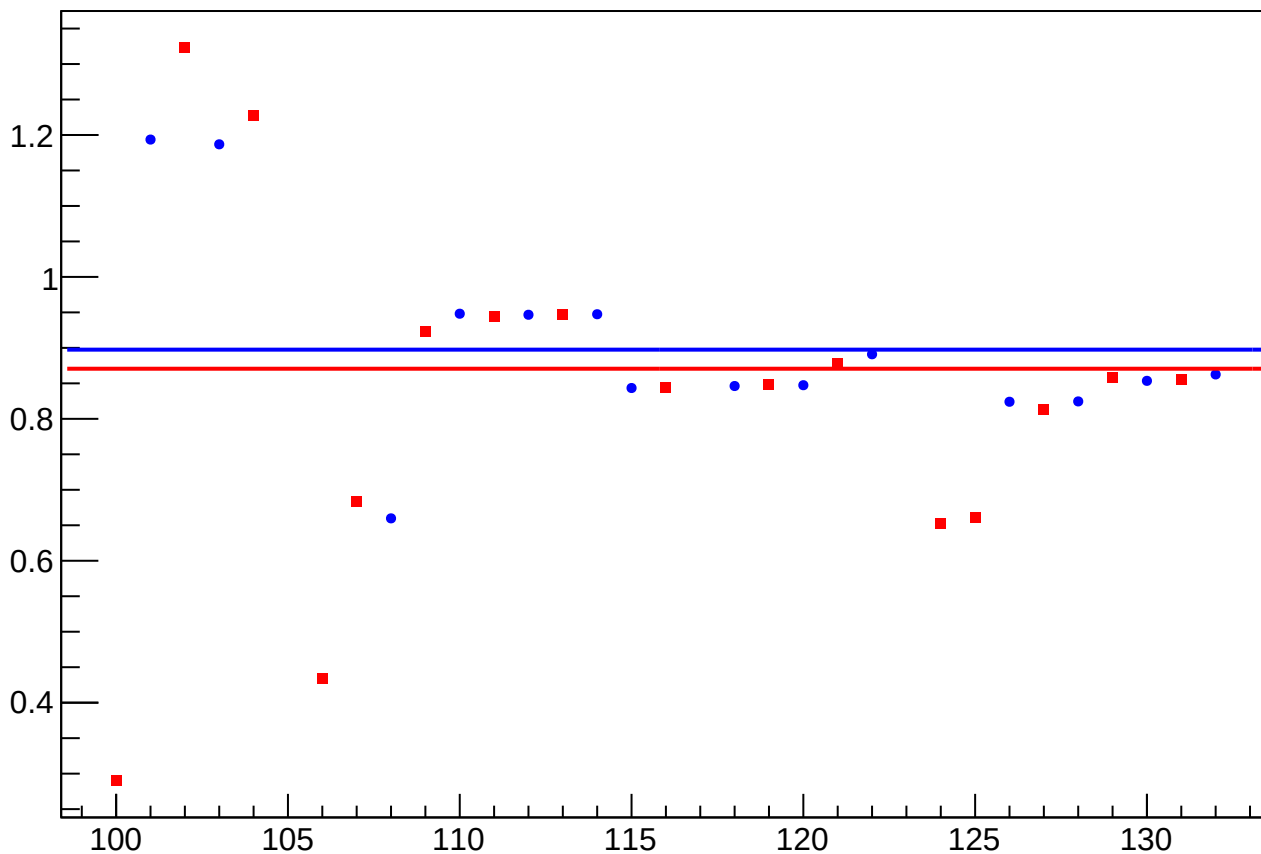
Right: 0.030+/-0.000 χ^2/NDF : 5981936.1/29

In: 0.028+/-0.000 χ^2/NDF :2890063.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.030+/-0.000 χ^2/NDF : 5981936.1/29

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.898+/-0.000 χ^2/NDF : 343628719.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.871+/-0.000 χ^2/NDF : 602671173.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

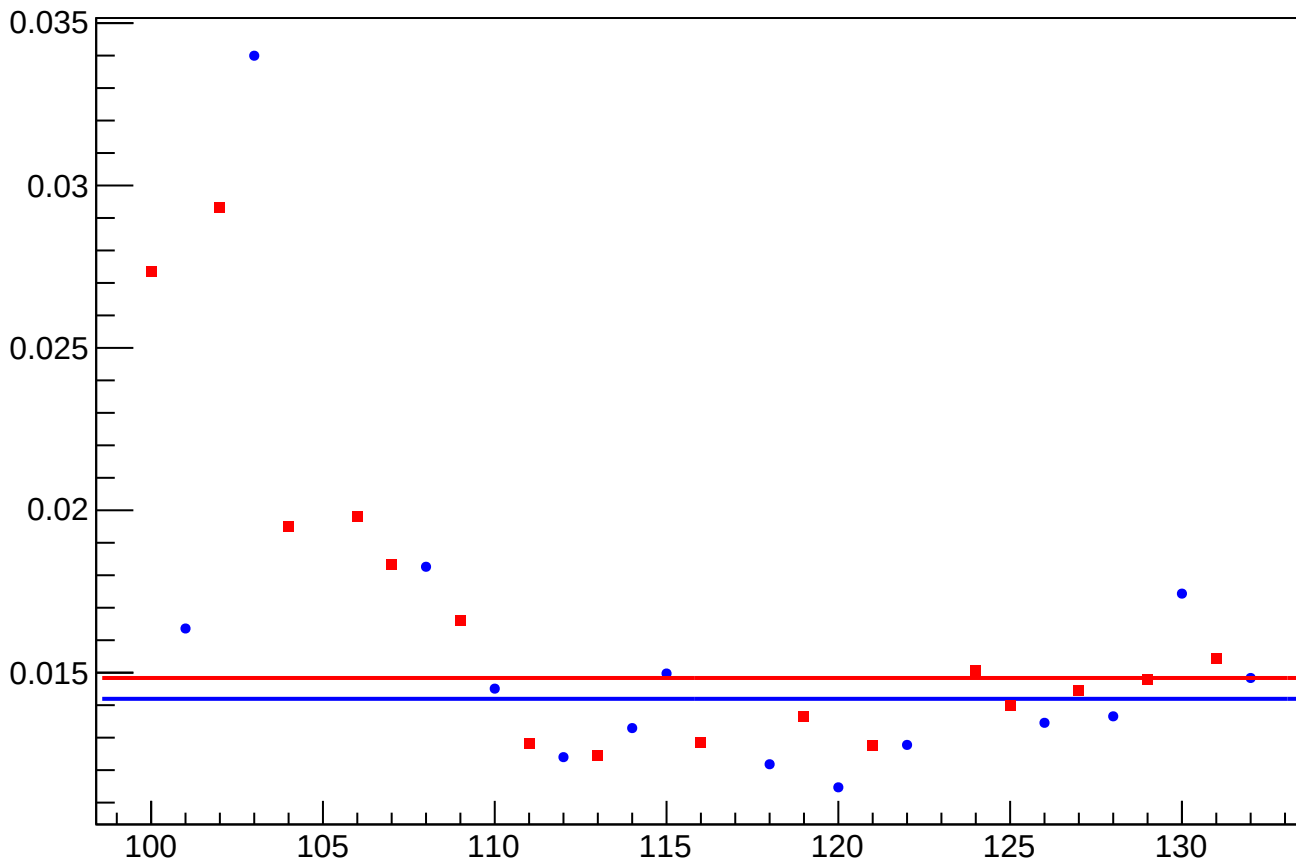
Right: 0.884+/-0.000 χ^2/NDF : 955245844.0/29

In: 0.898+/-0.000 χ^2/NDF : 343628719.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.884+/-0.000 χ^2/NDF : 955245844.0/29

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 567572.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 503632.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

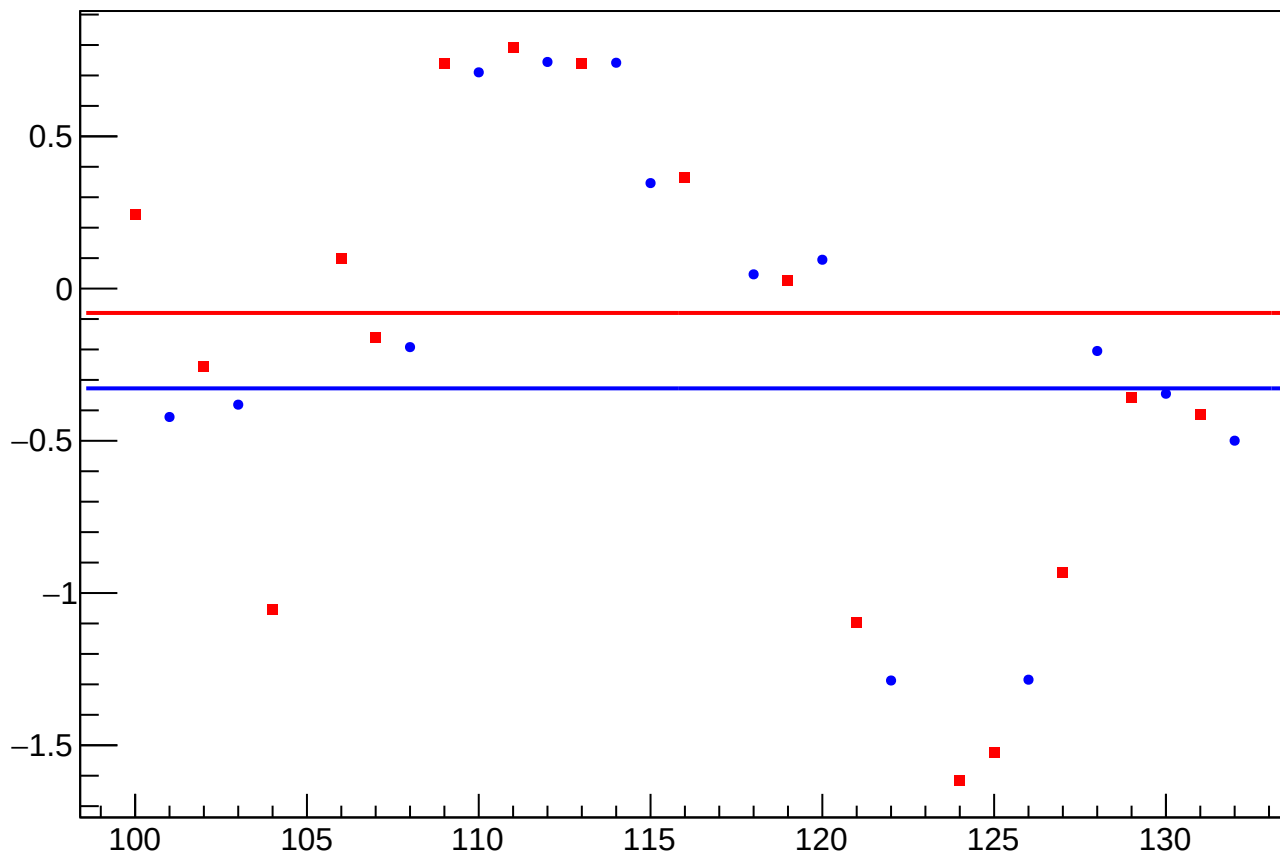
Right: 0.015+/-0.000 χ^2/NDF : 1081403.0/29

In: 0.014+/-0.000 χ^2/NDF : 567572.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 1081403.0/29

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.328+/-0.000 χ^2/NDF : 5464002427.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.080+/-0.000 χ^2/NDF : 14637912023.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

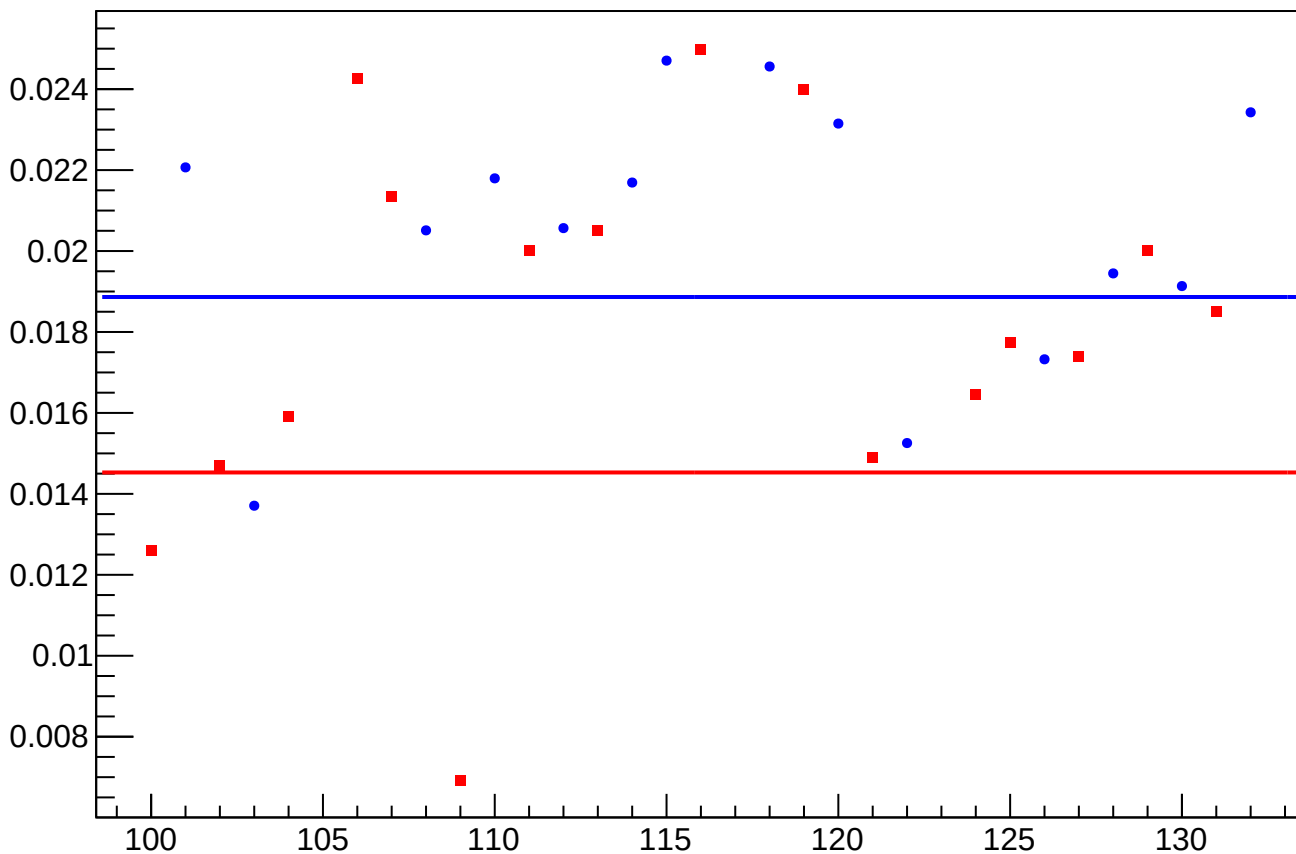
Right: -0.177+/-0.000 χ^2/NDF : 20655652623.8/29

In: -0.328+/-0.000 χ^2/NDF :5464002427.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.177+/-0.000 χ^2/NDF : 20655652623.8/29

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.019+/-0.000 χ^2/NDF : 380882.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 1493215.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

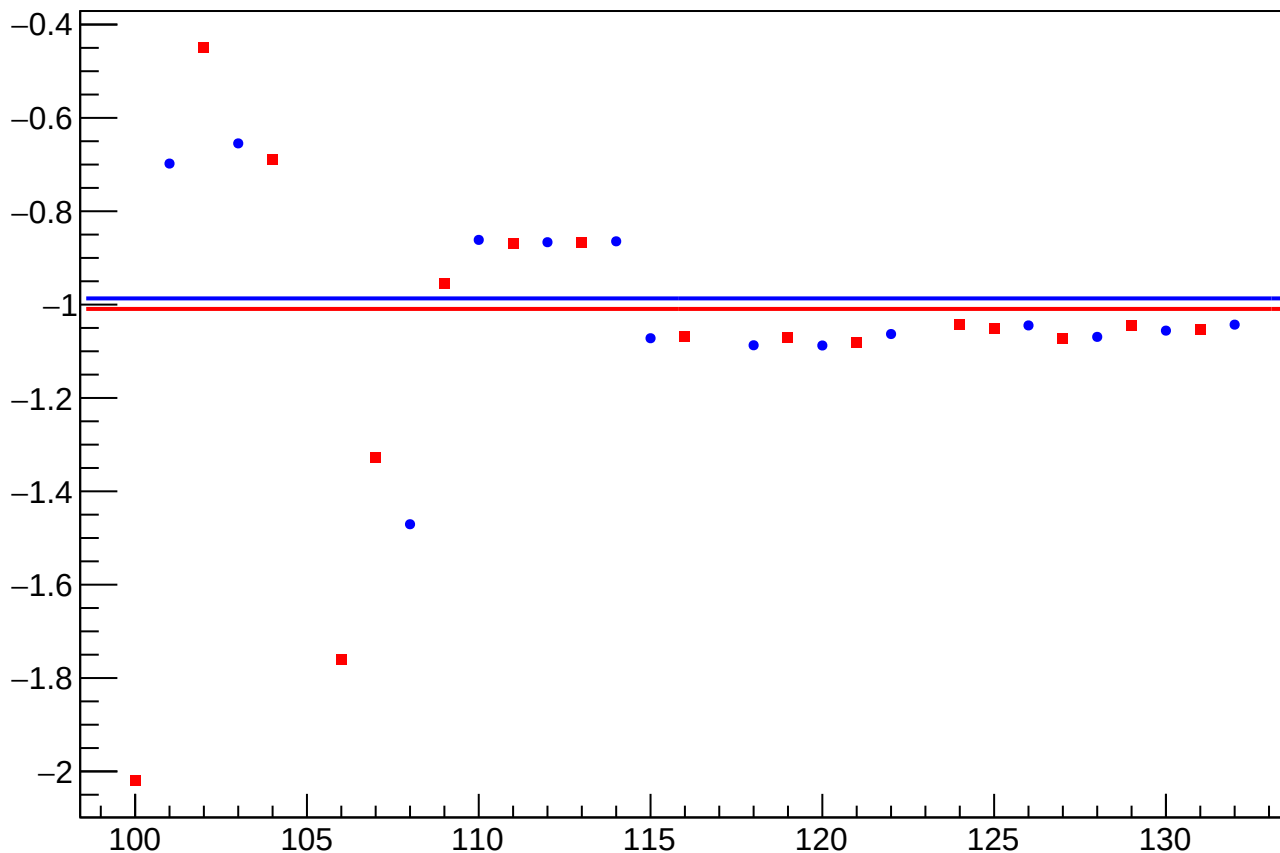
Right: 0.016+/-0.000 χ^2/NDF : 2213365.4/29

In: 0.019+/-0.000 χ^2/NDF :380882.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.016+/-0.000 χ^2/NDF : 2213365.4/29

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.987+/-0.000 χ^2/NDF : 135987608.9/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.009+/-0.000 χ^2/NDF : 239398533.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

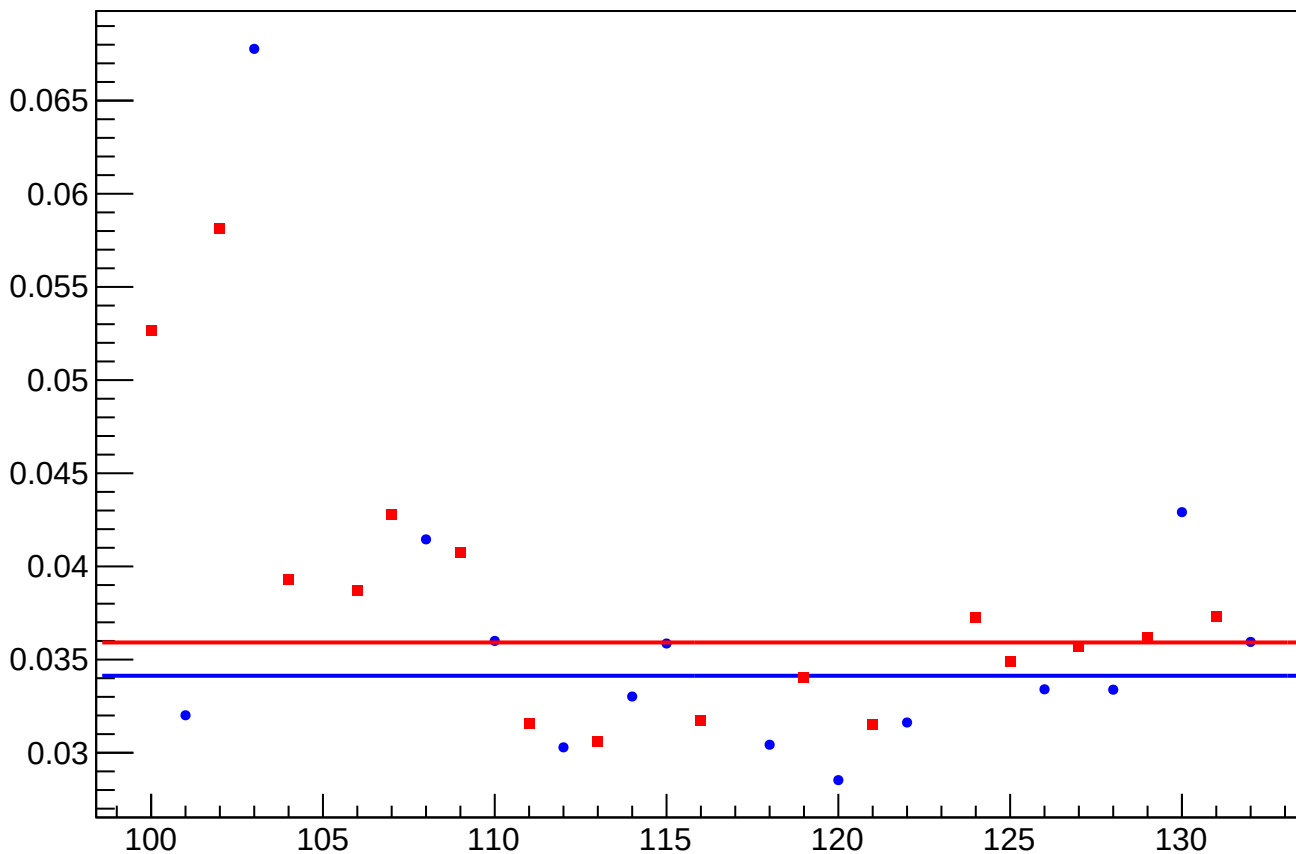
Right: -0.998+/-0.000 χ^2/NDF : 376479934.6/29

In: -0.987+/-0.000 χ^2/NDF :135987608.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.998+/-0.000 χ^2/NDF : 376479934.6/29

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.034+/-0.000 χ^2/NDF : 402410.9/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.036+/-0.000 χ^2/NDF : 275213.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

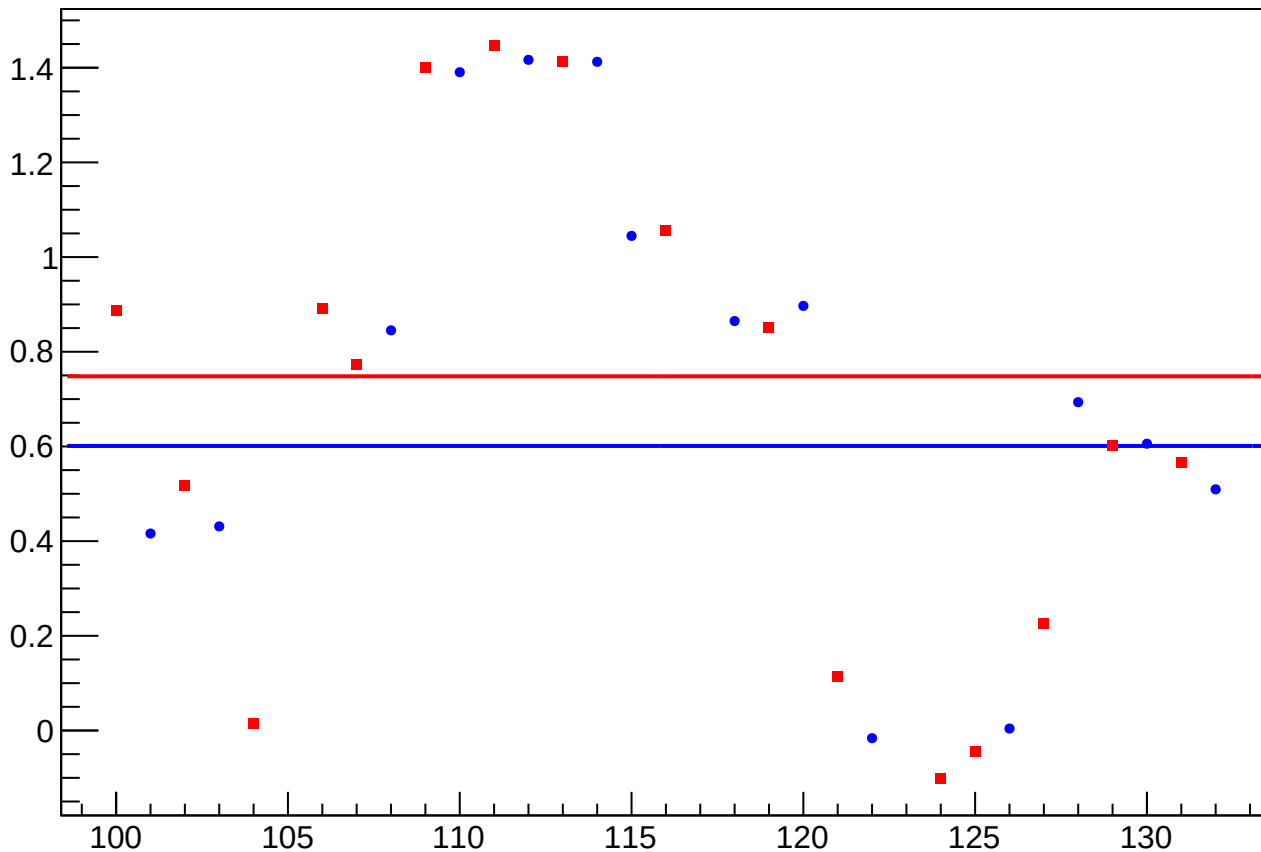
Right: 0.035+/-0.000 χ^2/NDF : 691372.5/29

In: 0.034+/-0.000 χ^2/NDF :402410.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.035+/-0.000 χ^2/NDF : 691372.5/29

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.601+/-0.000 χ^2/NDF : 6306881452.3/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.748+/-0.000 χ^2/NDF : 13904268674.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

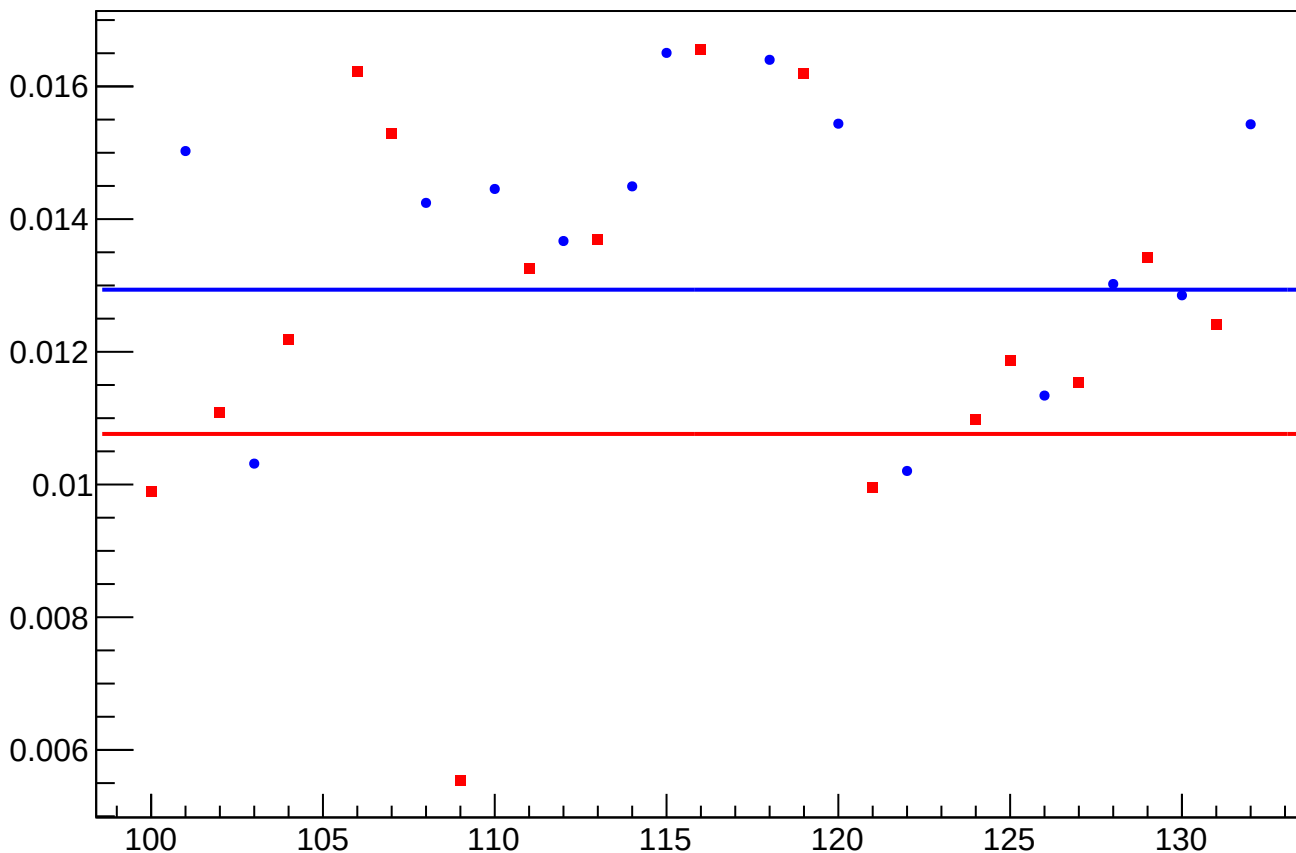
Right: 0.687+/-0.000 χ^2/NDF : 20612288472.9/29

In: 0.601+/-0.000 χ^2/NDF :6306881452.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.687+/-0.000 χ^2/NDF : 20612288472.9/29

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 279713.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 1012905.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

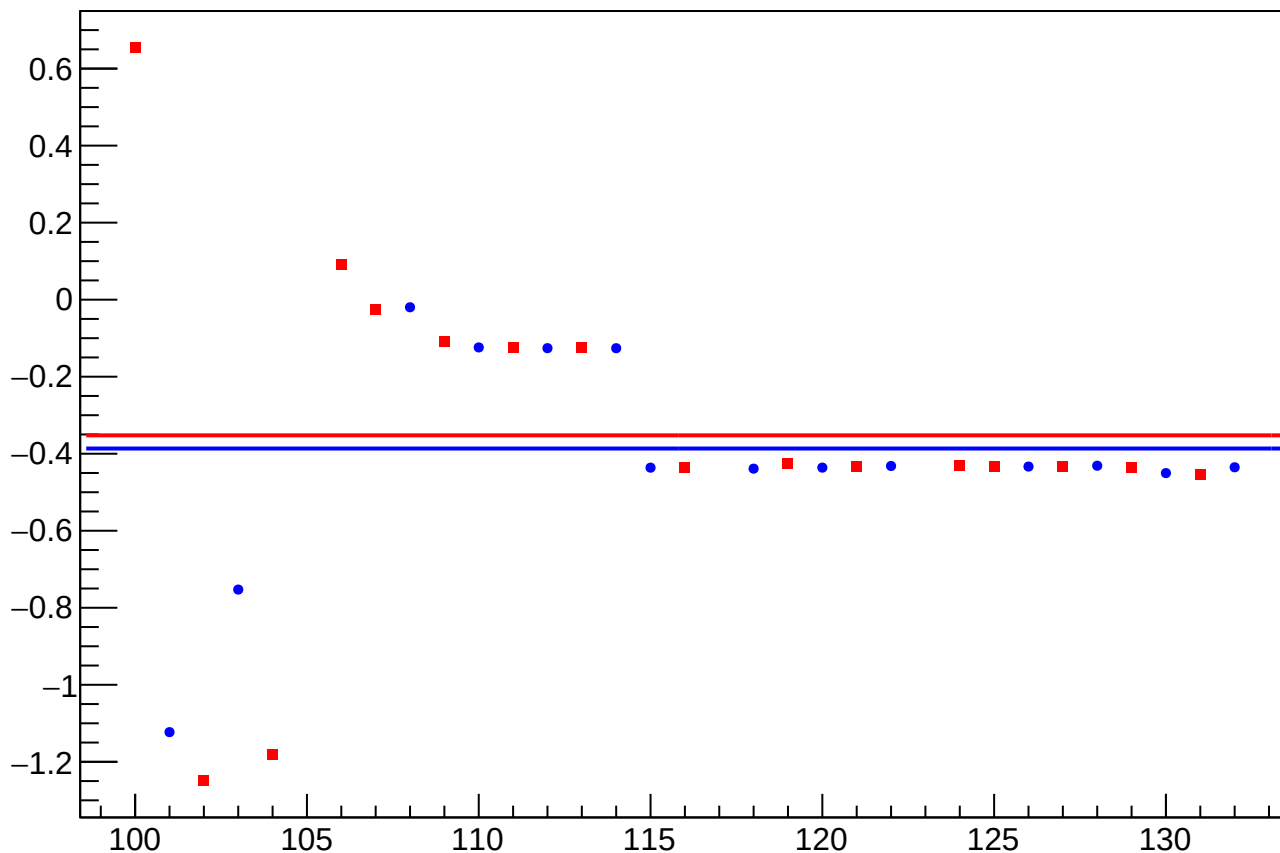
Right: 0.012+/-0.000 χ^2/NDF : 1467800.8/29

In: 0.013+/-0.000 χ^2/NDF : 279713.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 1467800.8/29

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.387+/-0.000 χ^2/NDF : 681102141.6/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.352+/-0.000 χ^2/NDF : 762194630.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

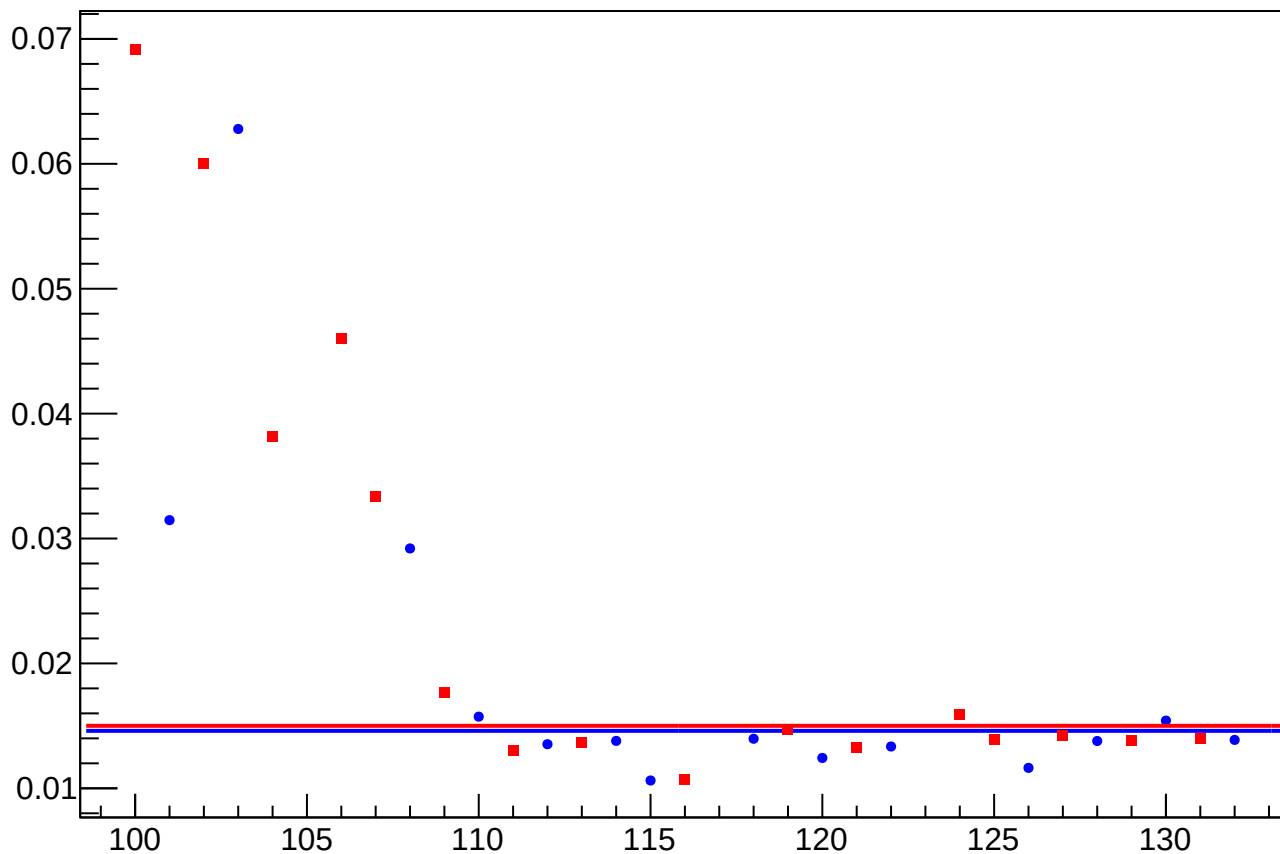
Right: -0.370+/-0.000 χ^2/NDF : 1454866072.2/29

In: -0.387+/-0.000 χ^2/NDF :681102141.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.370+/-0.000 χ^2/NDF : 1454866072.2/29

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 1217472.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 1480879.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

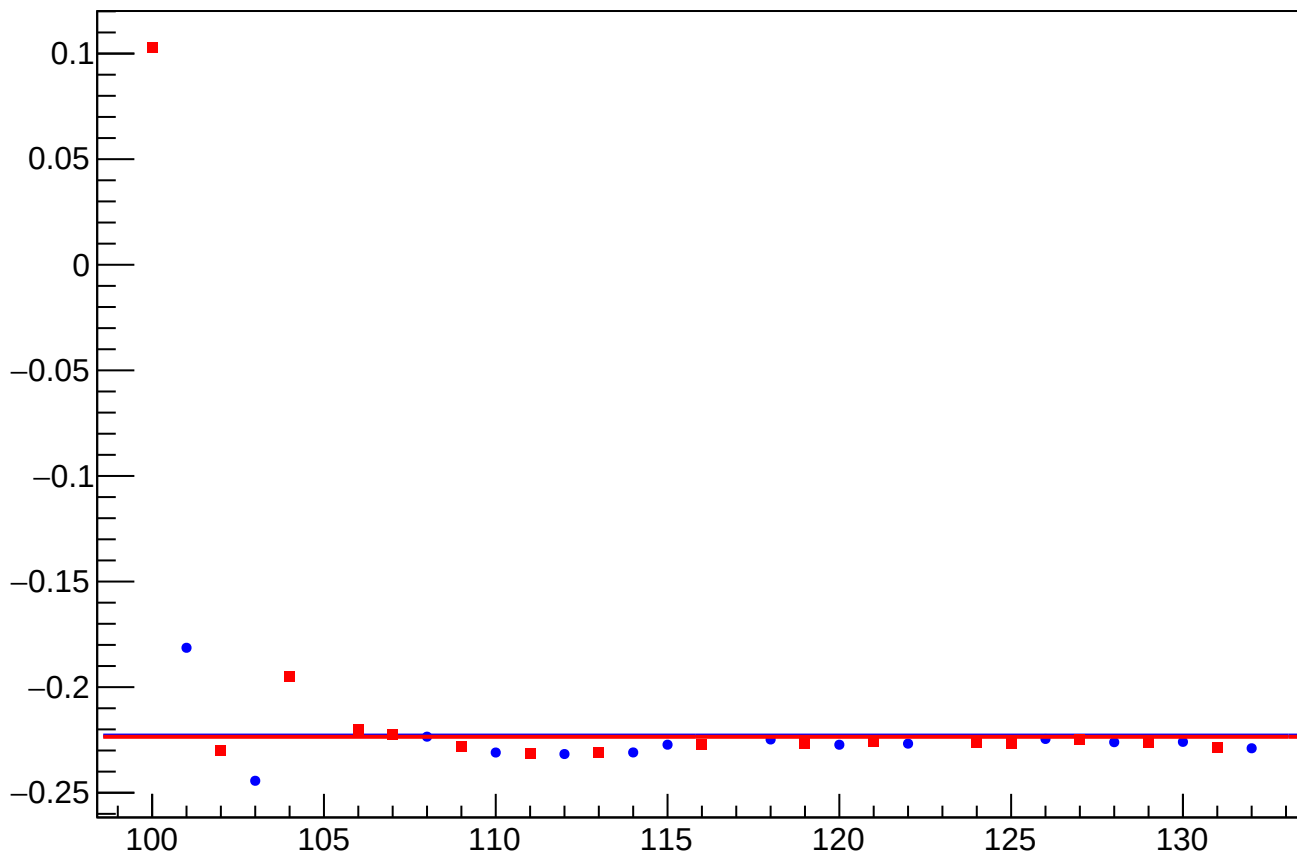
Right: 0.015+/-0.000 χ^2/NDF : 2701558.5/29

In: 0.015+/-0.000 χ^2/NDF : 1217472.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 2701558.5/29

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.223+/-0.000 χ^2/NDF : 52085627.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.224+/-0.000 χ^2/NDF : 157865372.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

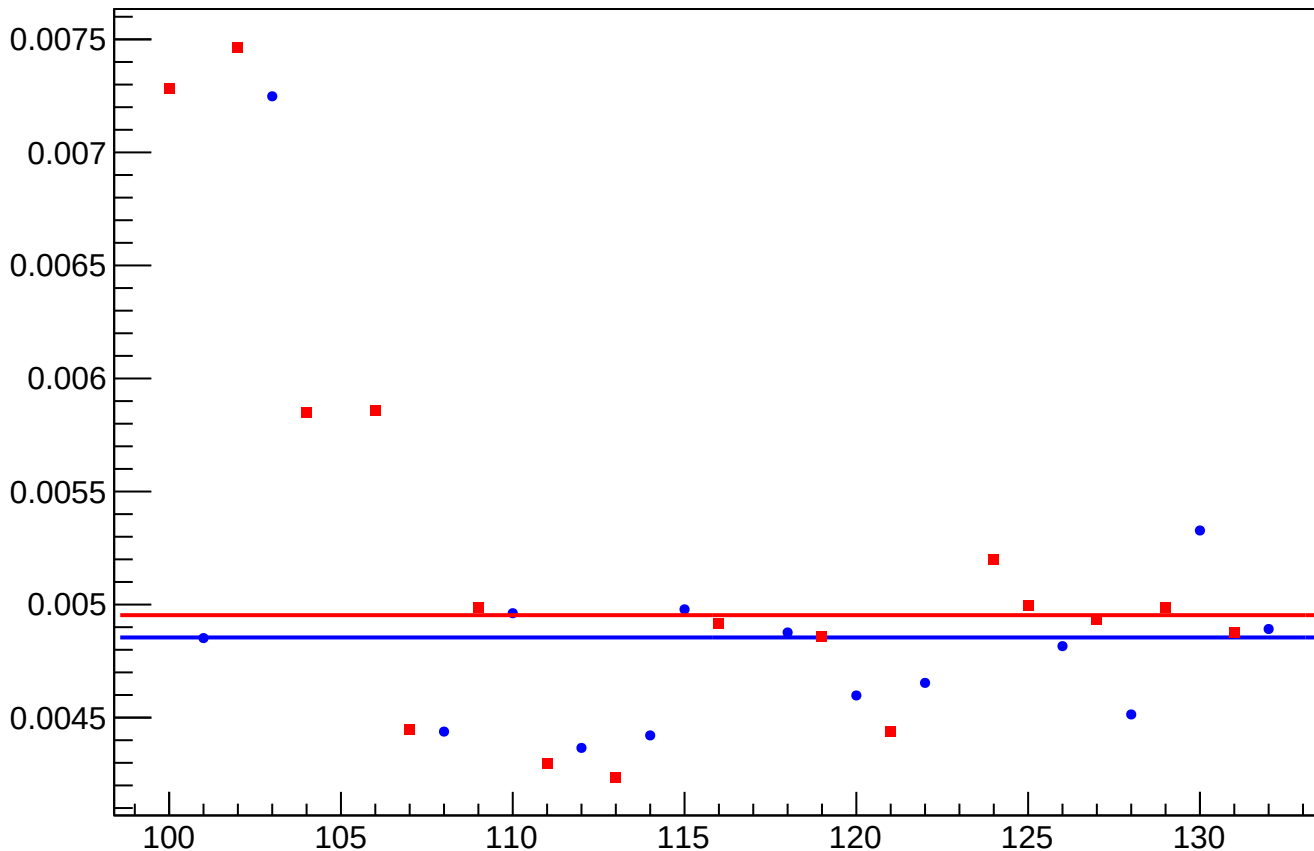
Right: -0.223+/-0.000 χ^2/NDF : 209988509.4/29

In: -0.223+/-0.000 χ^2/NDF : 52085627.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.223+/-0.000 χ^2/NDF : 209988509.4/29

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 158747.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 246646.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

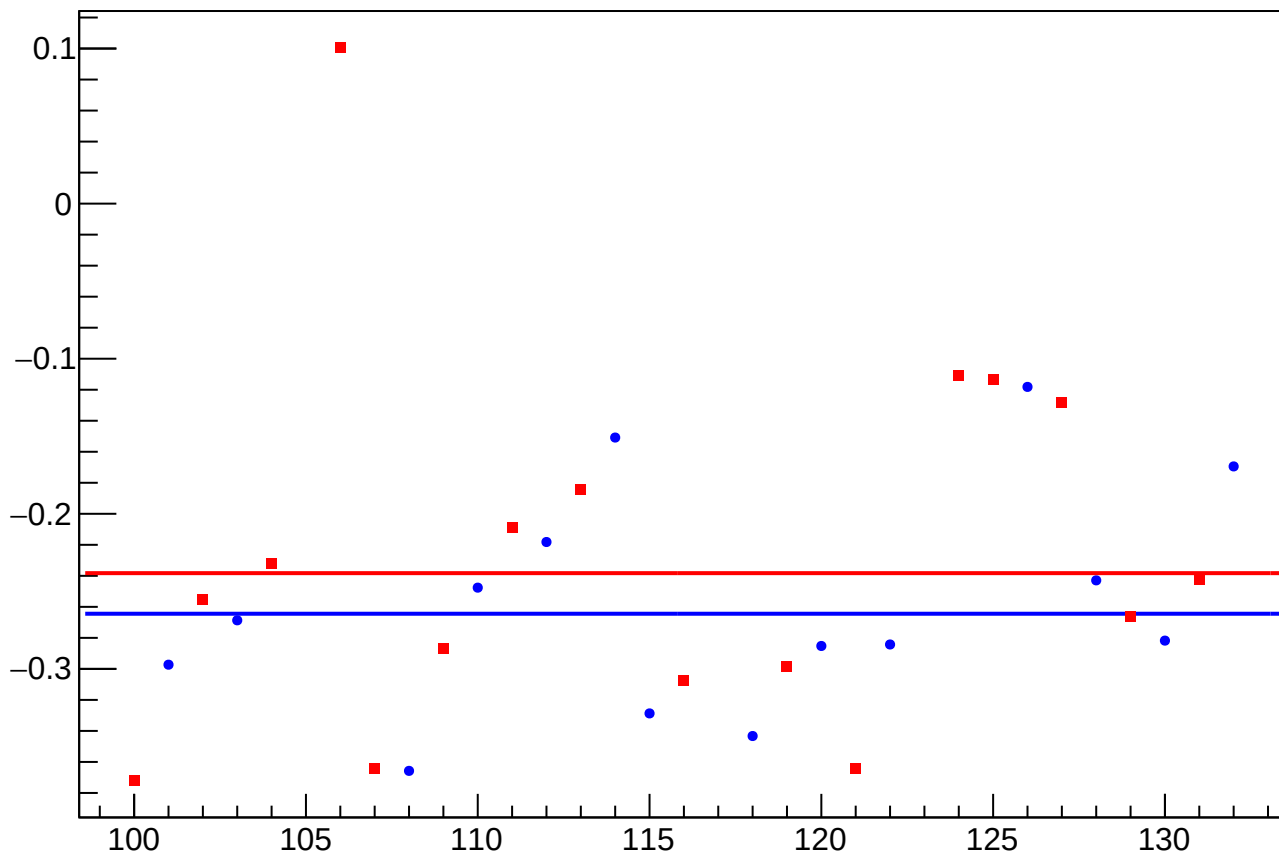
Right: 0.005+/-0.000 χ^2/NDF : 407604.7/29

In: 0.005+/-0.000 χ^2/NDF : 158747.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 407604.7/29

yield_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -0.264+/-0.000 χ^2/NDF : 553981180.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.238+/-0.000 χ^2/NDF : 1083459186.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

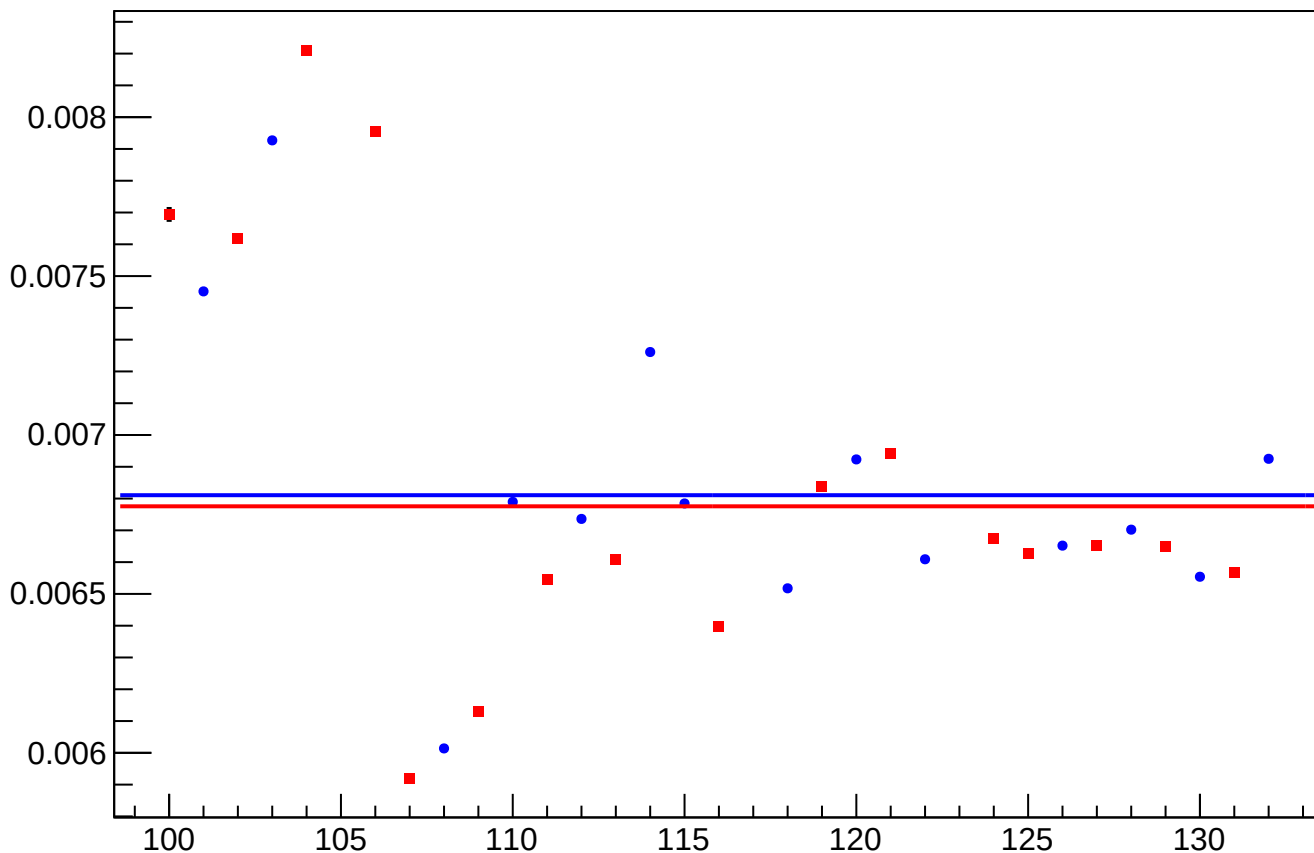
Right: -0.251+/-0.000 χ^2/NDF : 1681626768.4/29

In: -0.264+/-0.000 χ^2/NDF :553981180.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.251+/-0.000 χ^2/NDF : 1681626768.4/29

yield_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 53620.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 84880.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

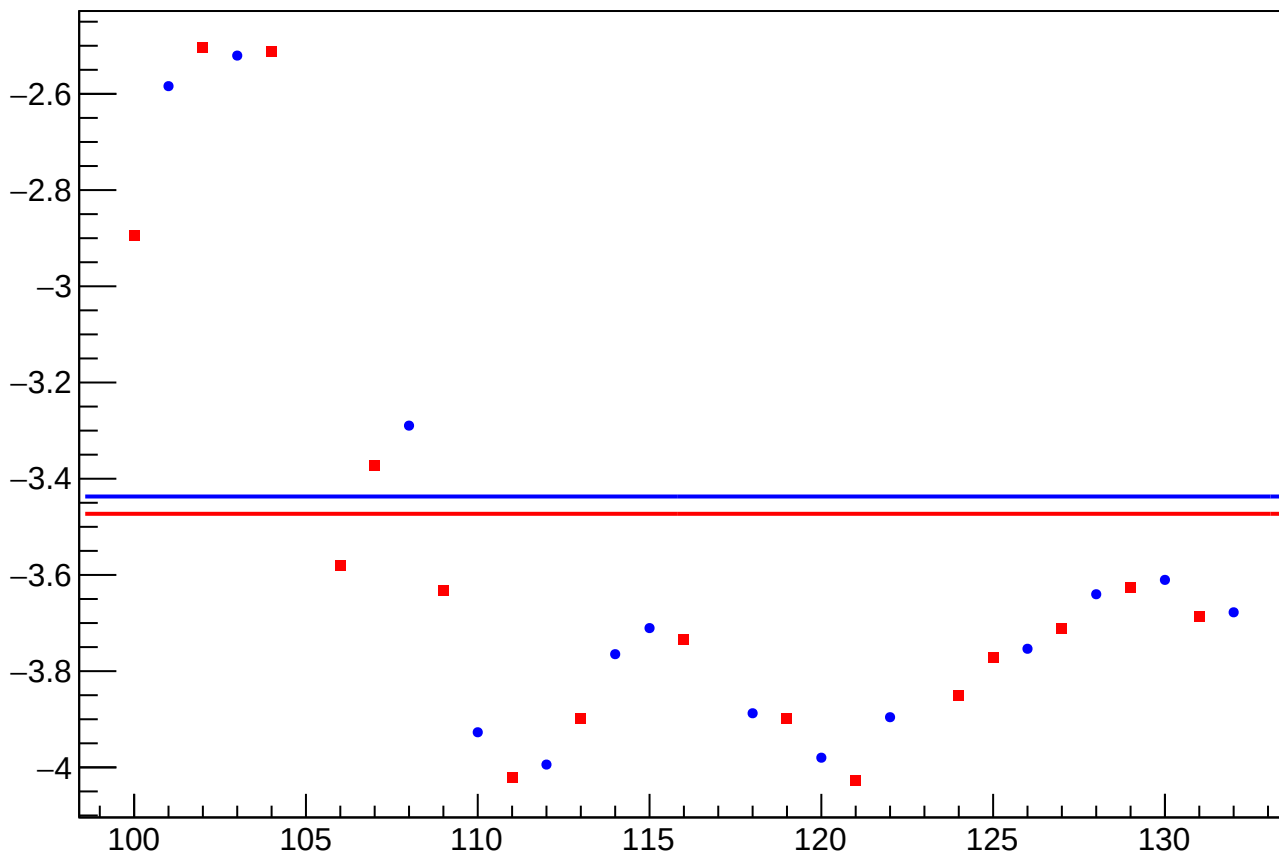
Right: 0.007+/-0.000 χ^2/NDF : 138659.6/29

In: 0.007+/-0.000 χ^2/NDF : 53620.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 138659.6/29

yield_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -3.437+/-0.000 χ^2/NDF : 28660785245.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.473+/-0.000 χ^2/NDF : 28546106549.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

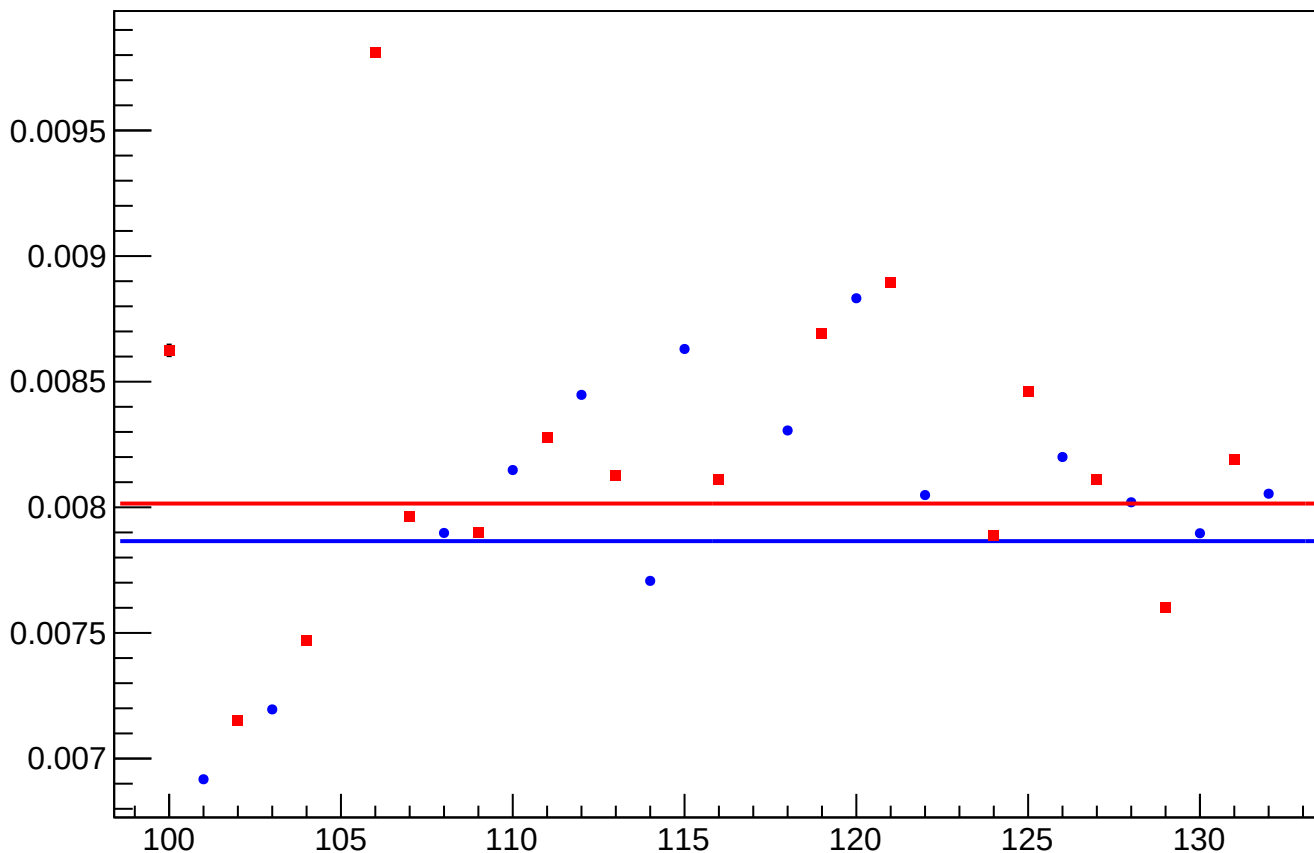
Right: -3.455+/-0.000 χ^2/NDF : 57267168409.6/29

In: -3.437+/-0.000 χ^2/NDF :28660785245.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.455+/-0.000 χ^2/NDF : 57267168409.6/29

yield_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 55467.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 56600.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

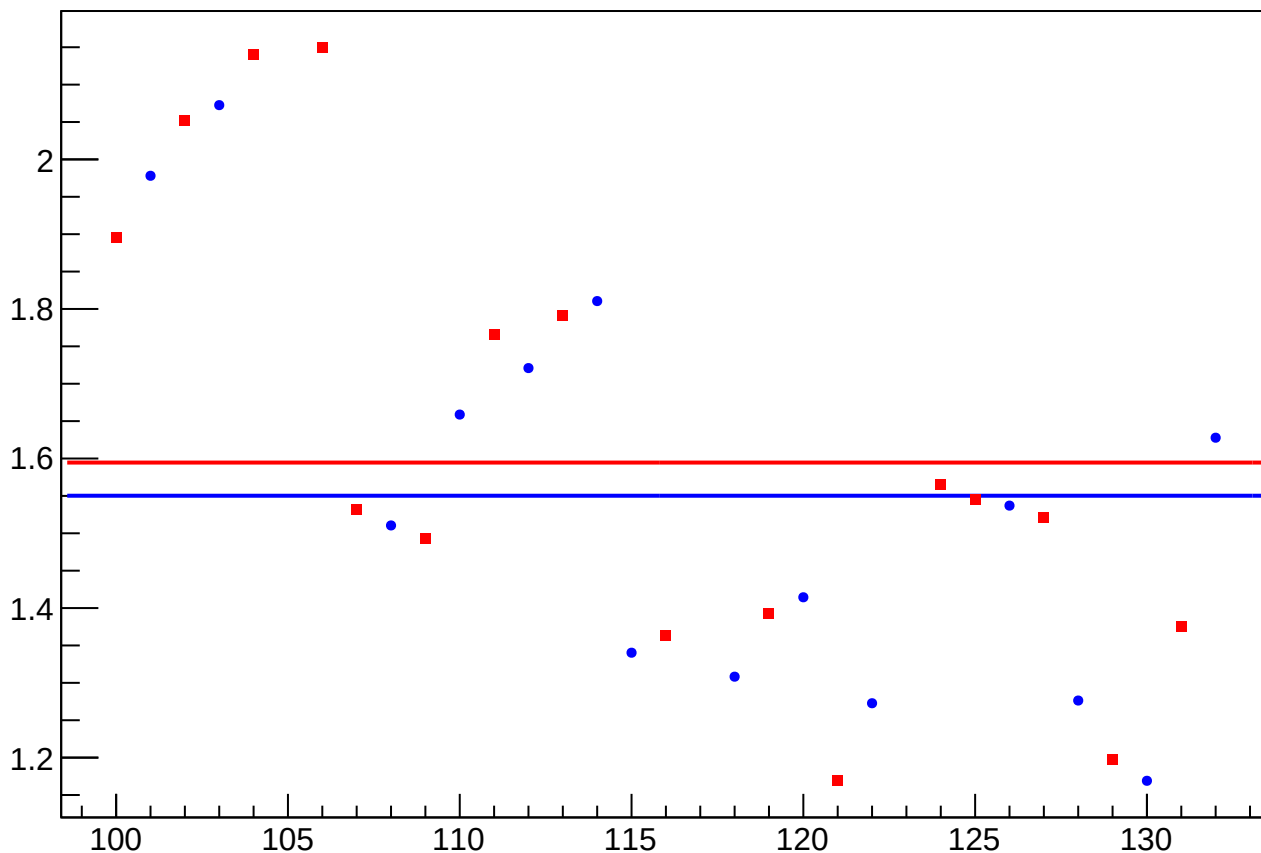
Right: 0.008+/-0.000 χ^2/NDF : 114152.7/29

In: 0.008+/-0.000 χ^2/NDF : 55467.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 114152.7/29

yield_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: 1.550+/-0.000

χ^2/NDF : 2999403734.7/13

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 1.595+/-0.000

χ^2/NDF : 3573262018.0/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 1.573+/-0.000

χ^2/NDF : 6609099217.0/29

In: 1.550+/-0.000

χ^2/NDF : 2999403734.7/13

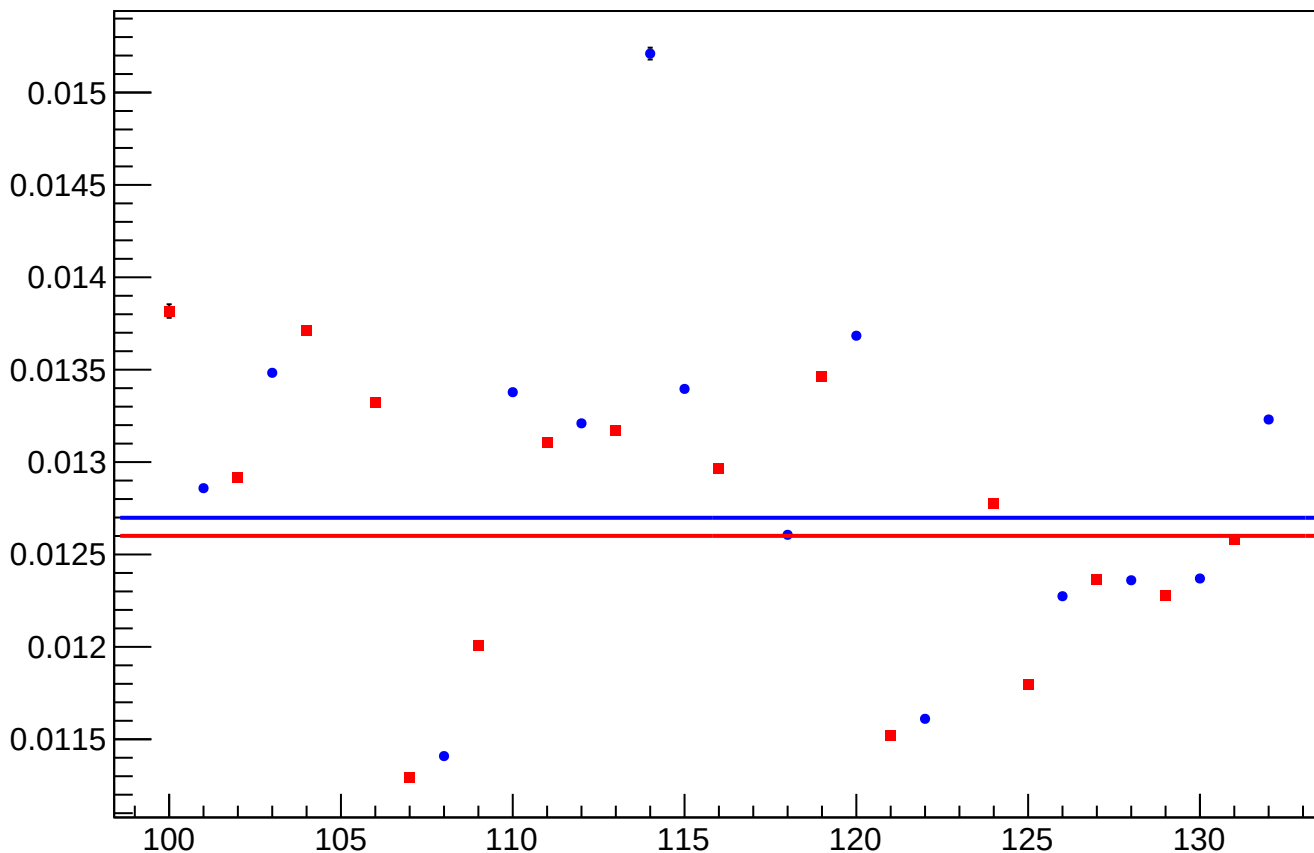
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.573+/-0.000

χ^2/NDF : 6609099217.0/29

yield_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 38667.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 38550.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

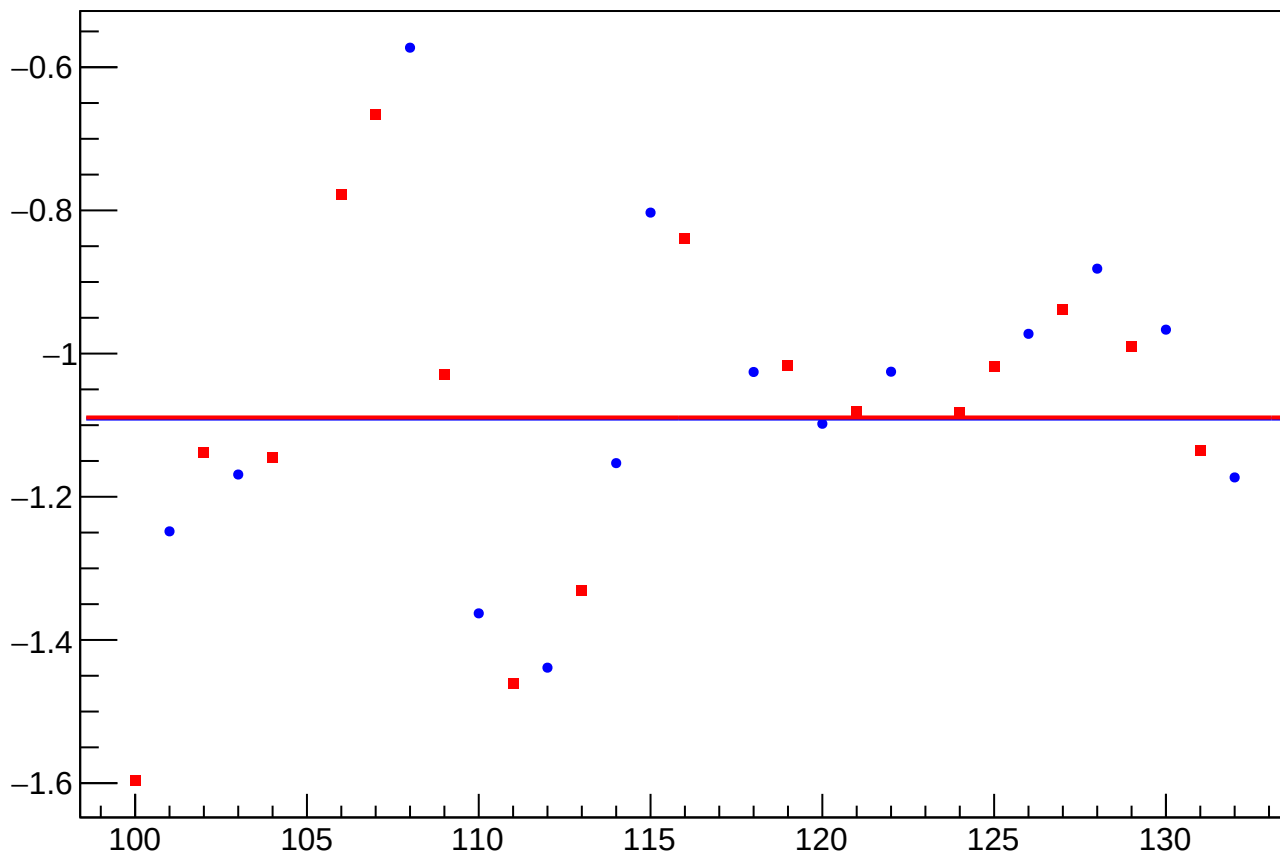
Right: 0.013+/-0.000 χ^2/NDF : 77572.8/29

In: 0.013+/-0.000 χ^2/NDF : 38667.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 77572.8/29

yield_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -1.091+/-0.000 χ^2/NDF : 3008154612.9/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.089+/-0.000 χ^2/NDF : 2162031926.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

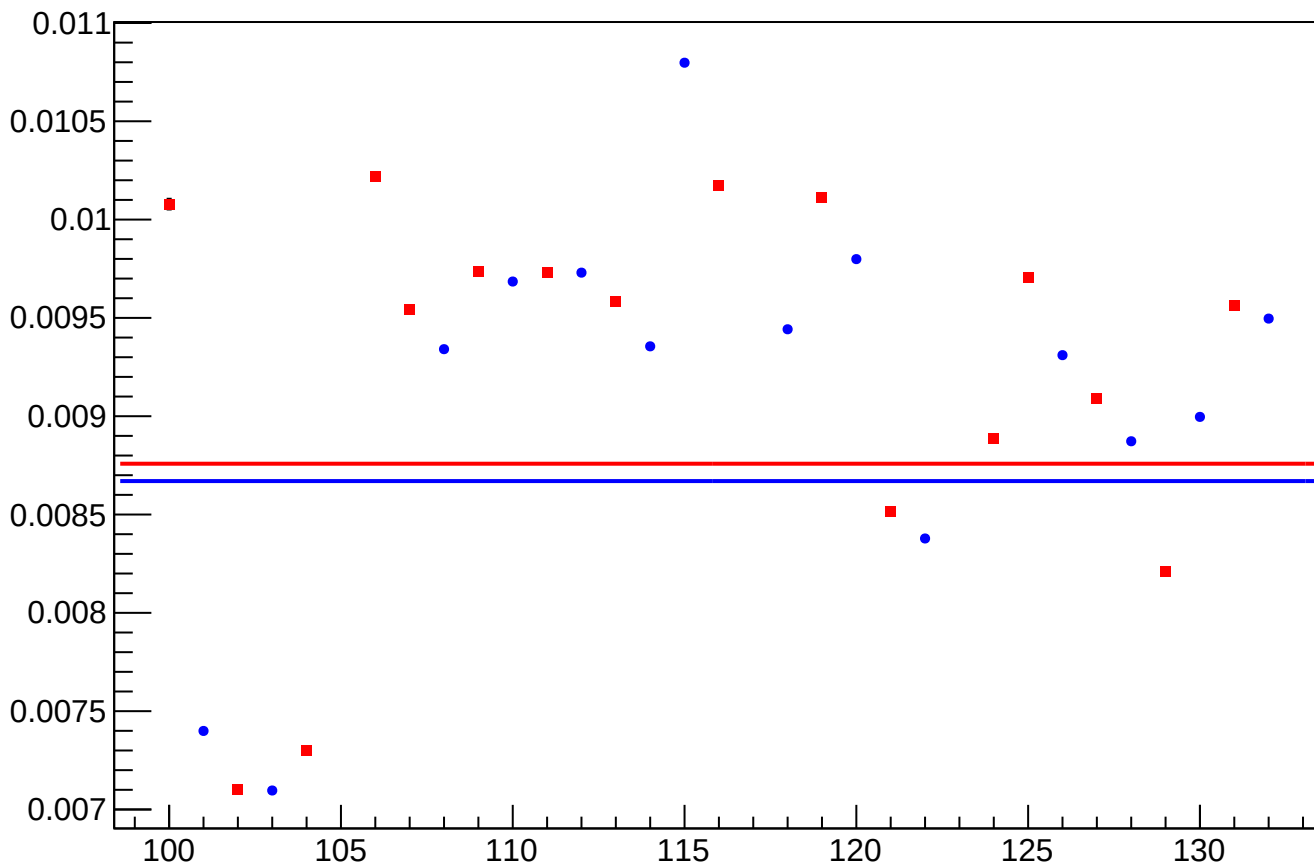
Right: -1.090+/-0.000 χ^2/NDF : 5170278634.9/29

In: -1.091+/-0.000 χ^2/NDF :3008154612.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.090+/-0.000 χ^2/NDF : 5170278634.9/29

yield_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 156805.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 191226.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

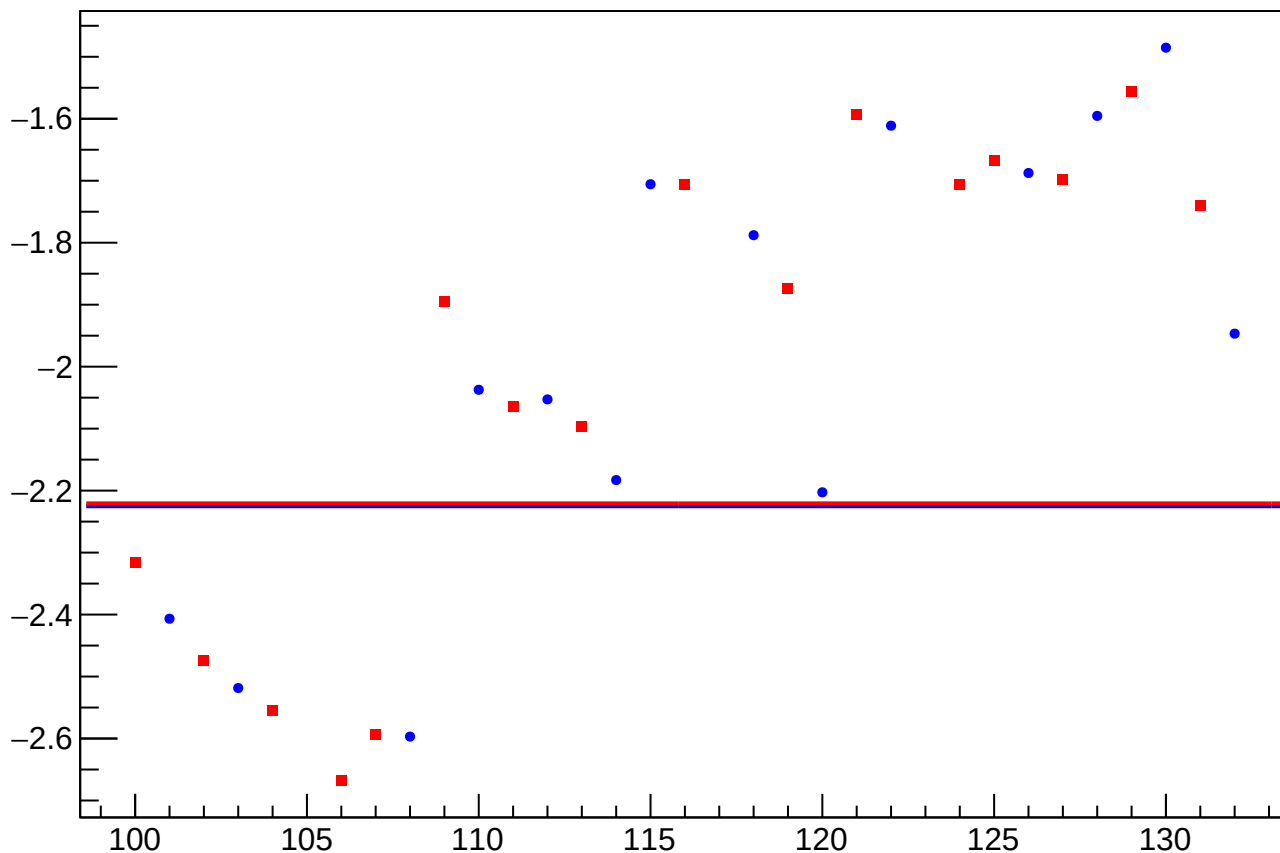
Right: 0.009+/-0.000 χ^2/NDF : 348620.0/29

In: 0.009+/-0.000 χ^2/NDF :156805.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.009+/-0.000 χ^2/NDF : 348620.0/29

yield_bpm0i05X_mean vs Slug, Sign Corrected



Right In: -2.225+/-0.000 χ^2/NDF : 11441859936.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.221+/-0.000 χ^2/NDF : 12395078290.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

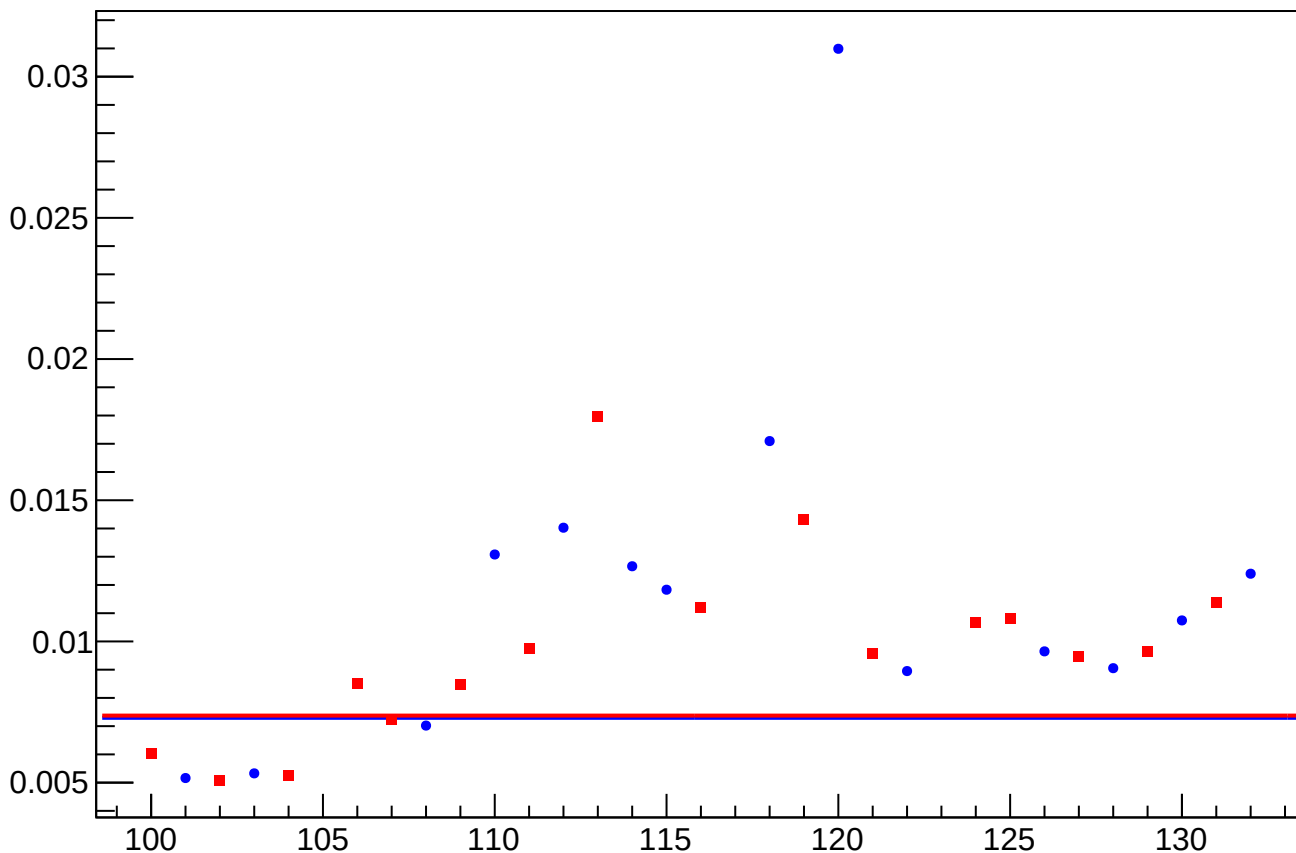
Right: -2.223+/-0.000 χ^2/NDF : 23837789219.2/29

In: -2.225+/-0.000 χ^2/NDF : 11441859936.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.223+/-0.000 χ^2/NDF : 23837789219.2/29

yield_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 1538143.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 1205202.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

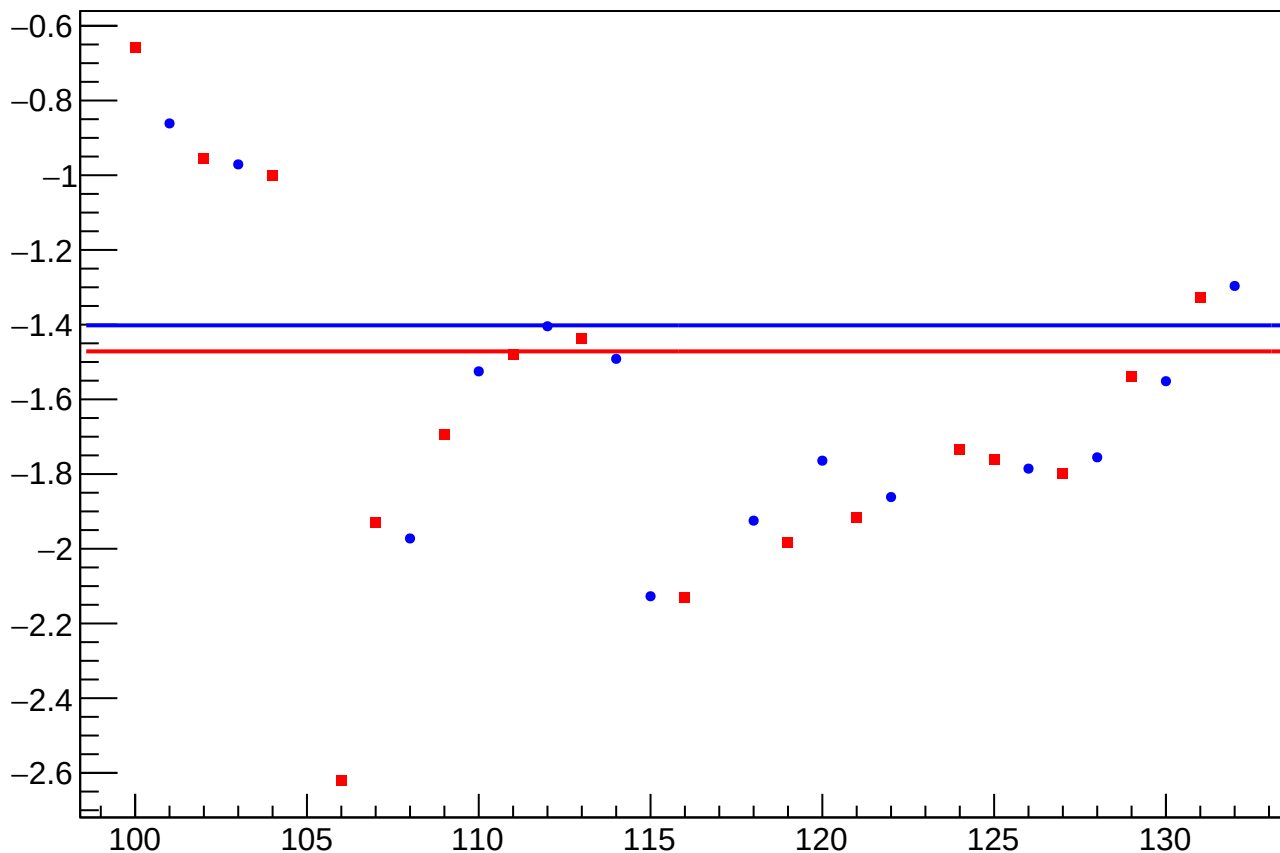
Right: 0.007+/-0.000 χ^2/NDF : 2743843.5/29

In: 0.007+/-0.000 χ^2/NDF :1538143.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 2743843.5/29

yield_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: -1.402+/-0.000 χ^2/NDF : 19832328418.9/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.472+/-0.000 χ^2/NDF : 25929529744.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

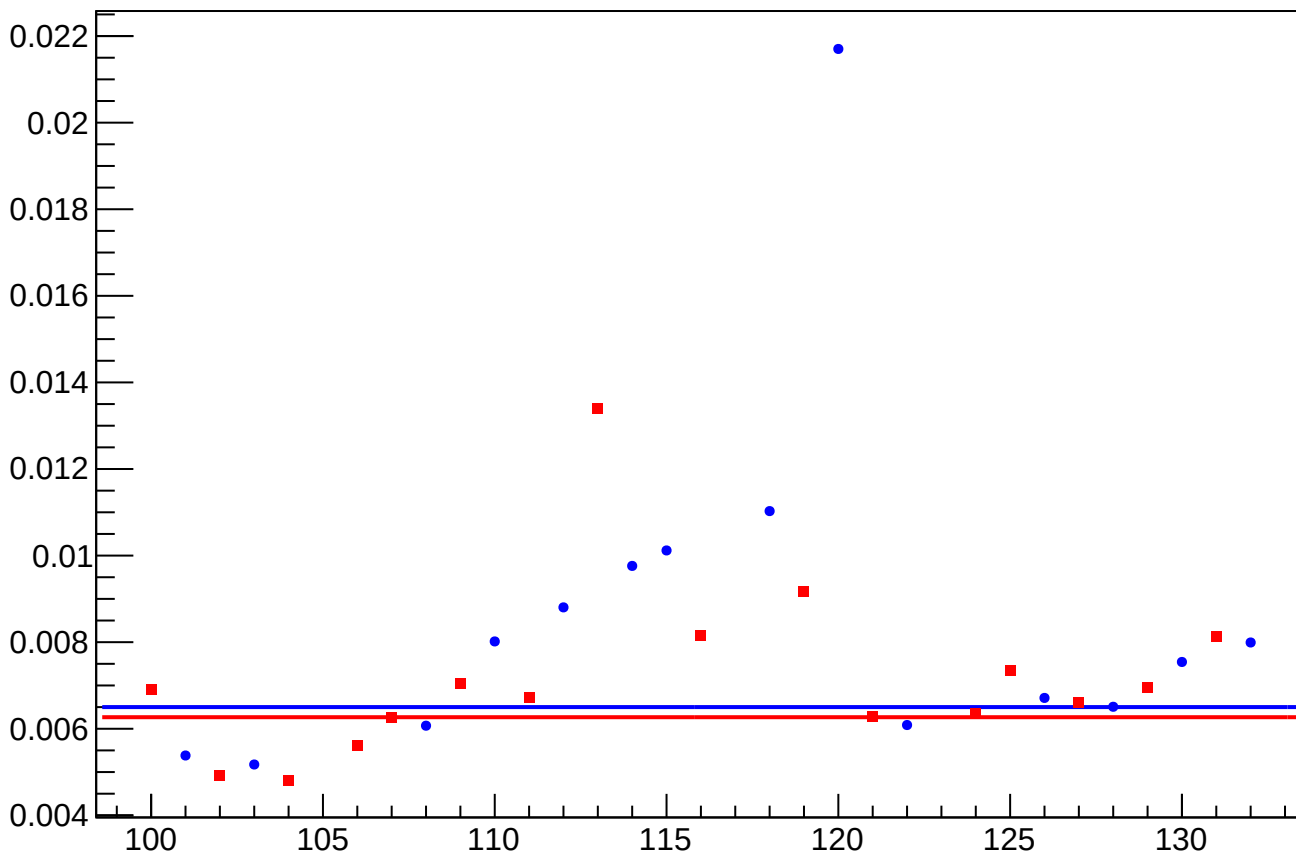
Right: -1.439+/-0.000 χ^2/NDF : 46051942528.7/29

In: -1.402+/-0.000 χ^2/NDF :19832328418.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.439+/-0.000 χ^2/NDF : 46051942528.7/29

yield_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 647881.3/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 506918.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

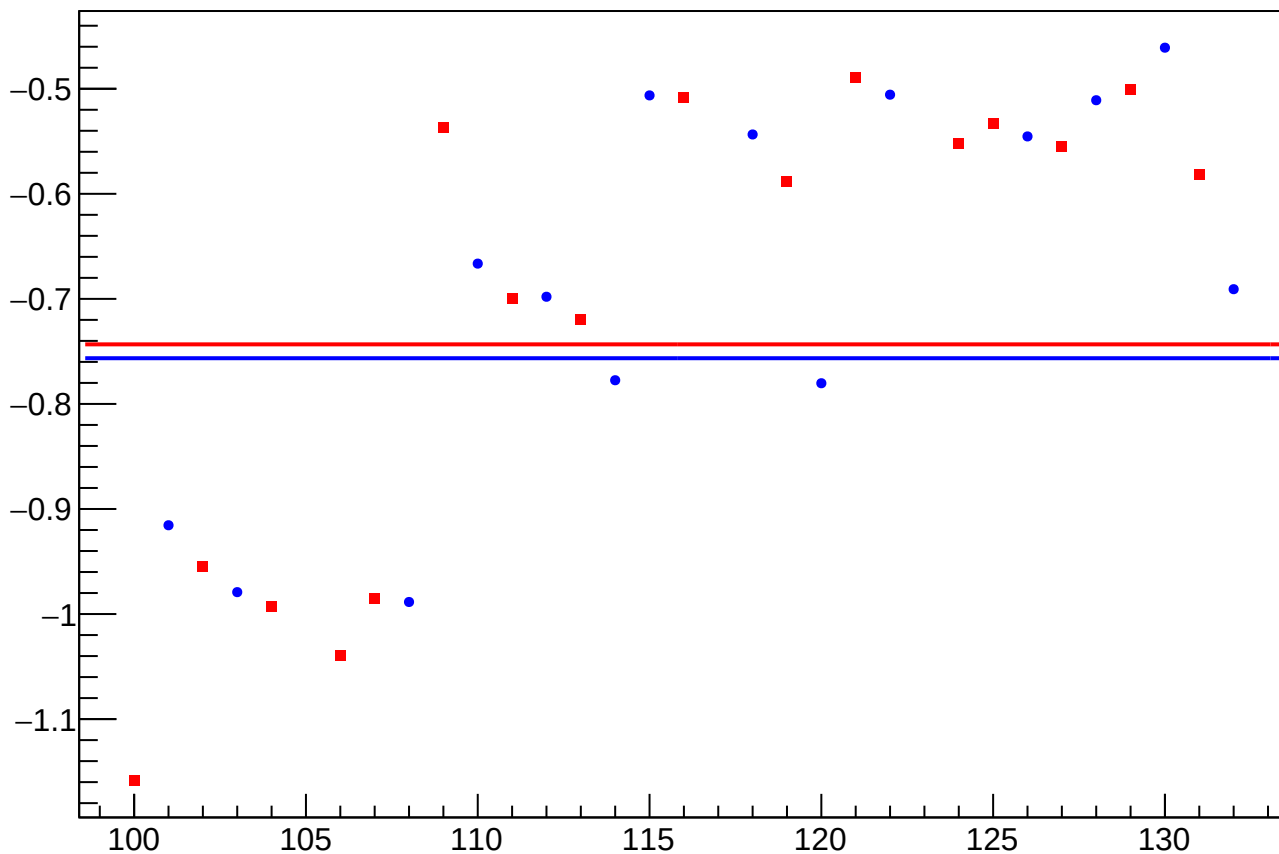
Right: 0.006+/-0.000 χ^2/NDF : 1161331.0/29

In: 0.007+/-0.000 χ^2/NDF :647881.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1161331.0/29

yield_bpm0i07X_mean vs Slug, Sign Corrected



Right In: -0.756+/-0.000 χ^2/NDF : 7097843049.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.743+/-0.000 χ^2/NDF : 8351320294.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

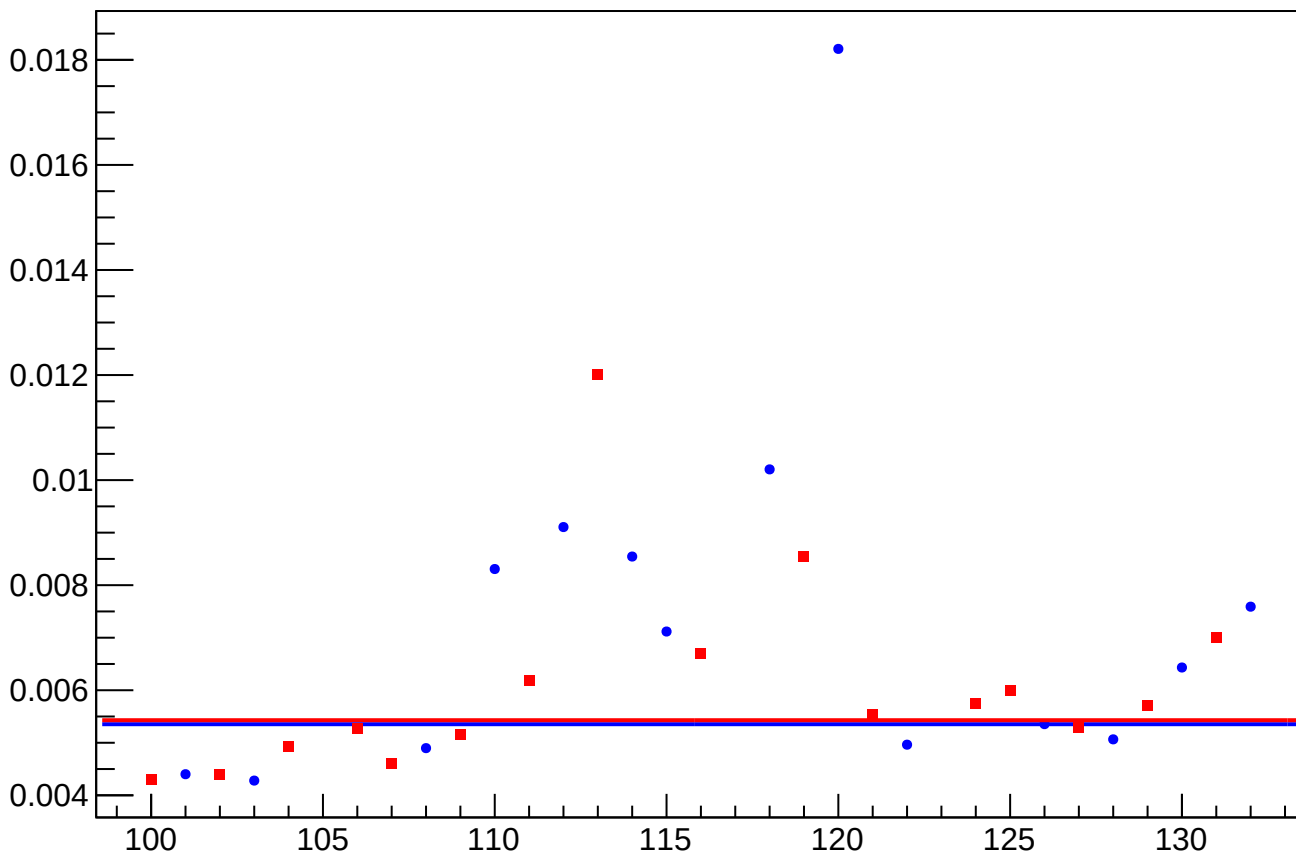
Right: -0.750+/-0.000 χ^2/NDF : 15463393286.5/29

In: -0.756+/-0.000 χ^2/NDF :7097843049.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.750+/-0.000 χ^2/NDF : 15463393286.5/29

yield_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 882433.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 456131.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

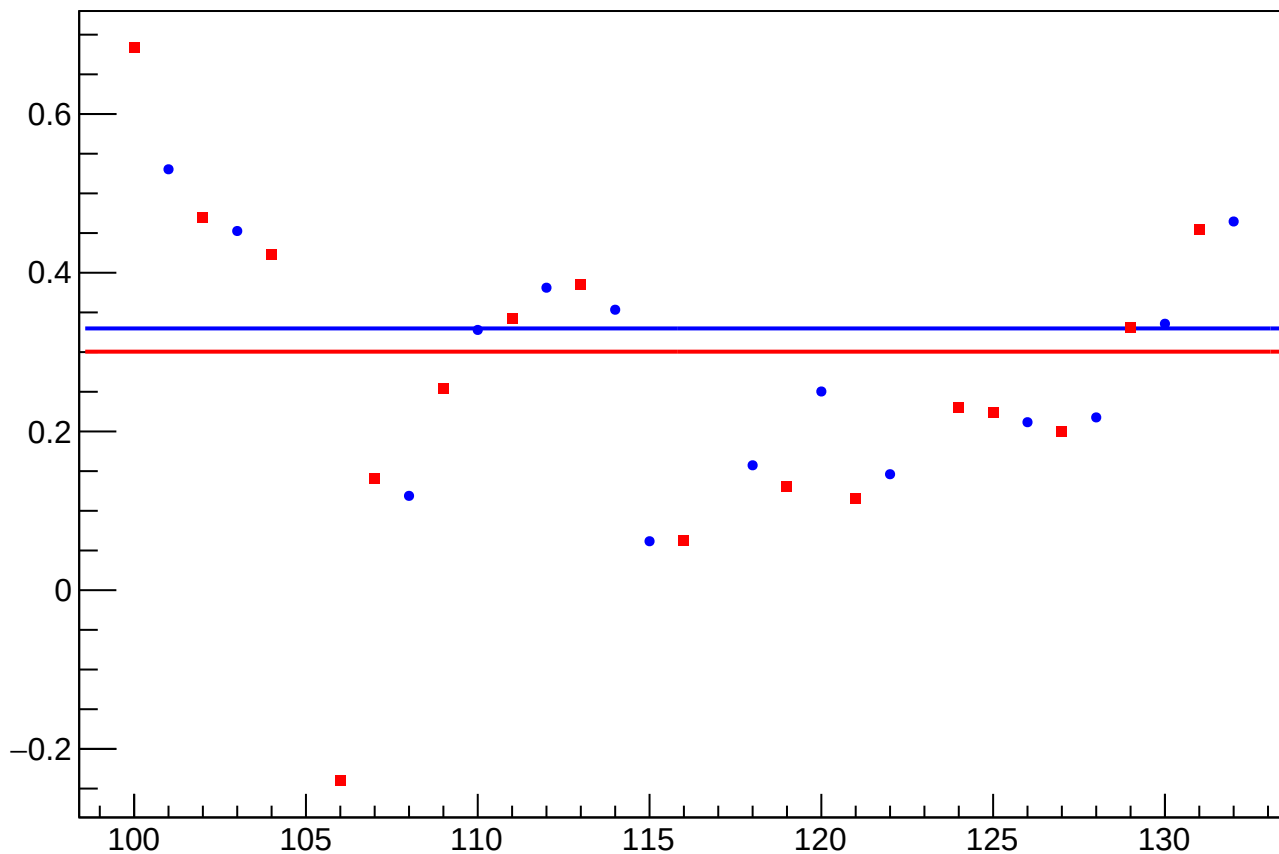
Right: 0.005+/-0.000 χ^2/NDF : 1339508.2/29

In: 0.005+/-0.000 χ^2/NDF :882433.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1339508.2/29

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.330+/-0.000

χ^2/NDF : 6188158427.6/13

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.314+/-0.000 χ^2/NDF : 14361759618.1/29

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.330+/-0.000 χ^2/NDF : 6188158427.6/13

Right Out: 0.301+/-0.000

χ^2/NDF : 8039329370.0/15

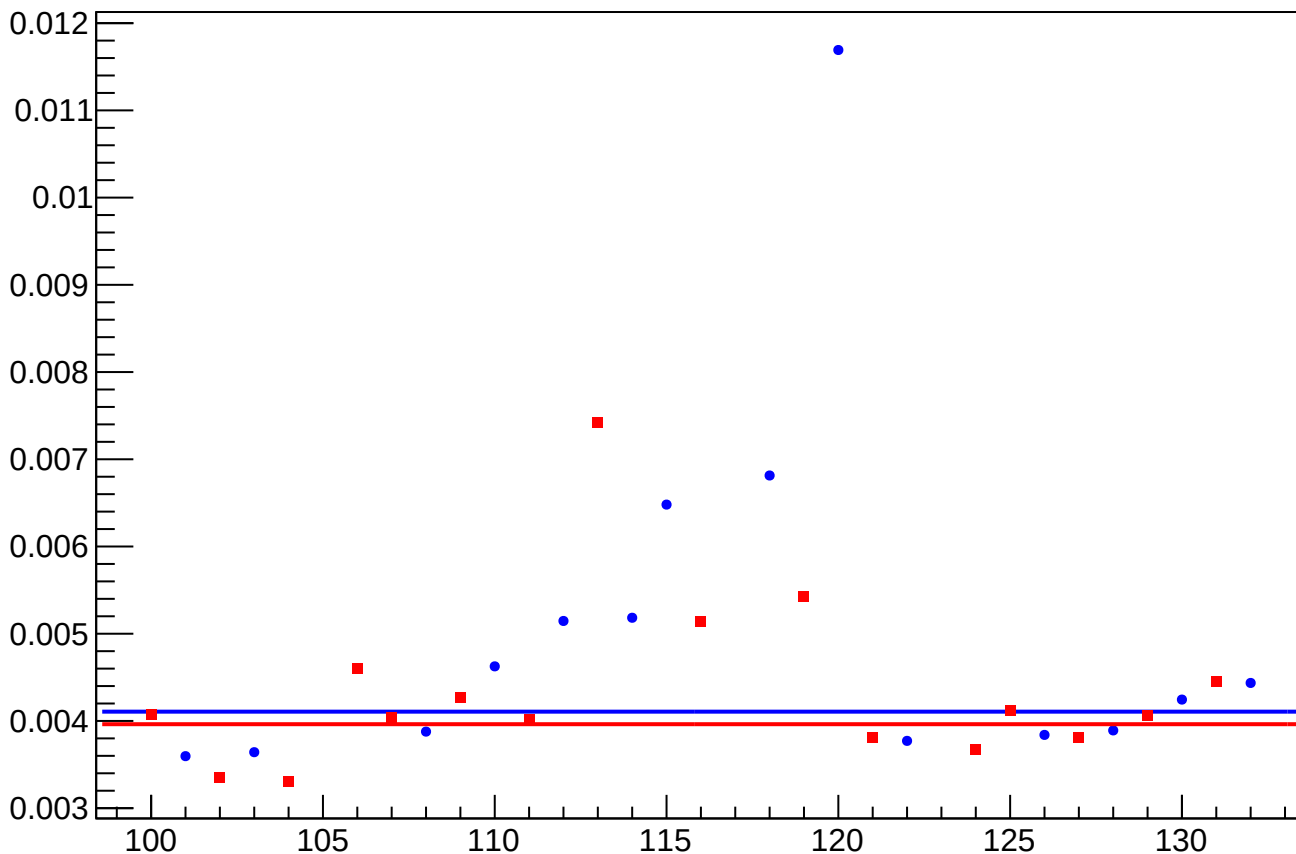
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.314+/-0.000 χ^2/NDF : 14361759618.1/29

yield_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 473534.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 304032.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

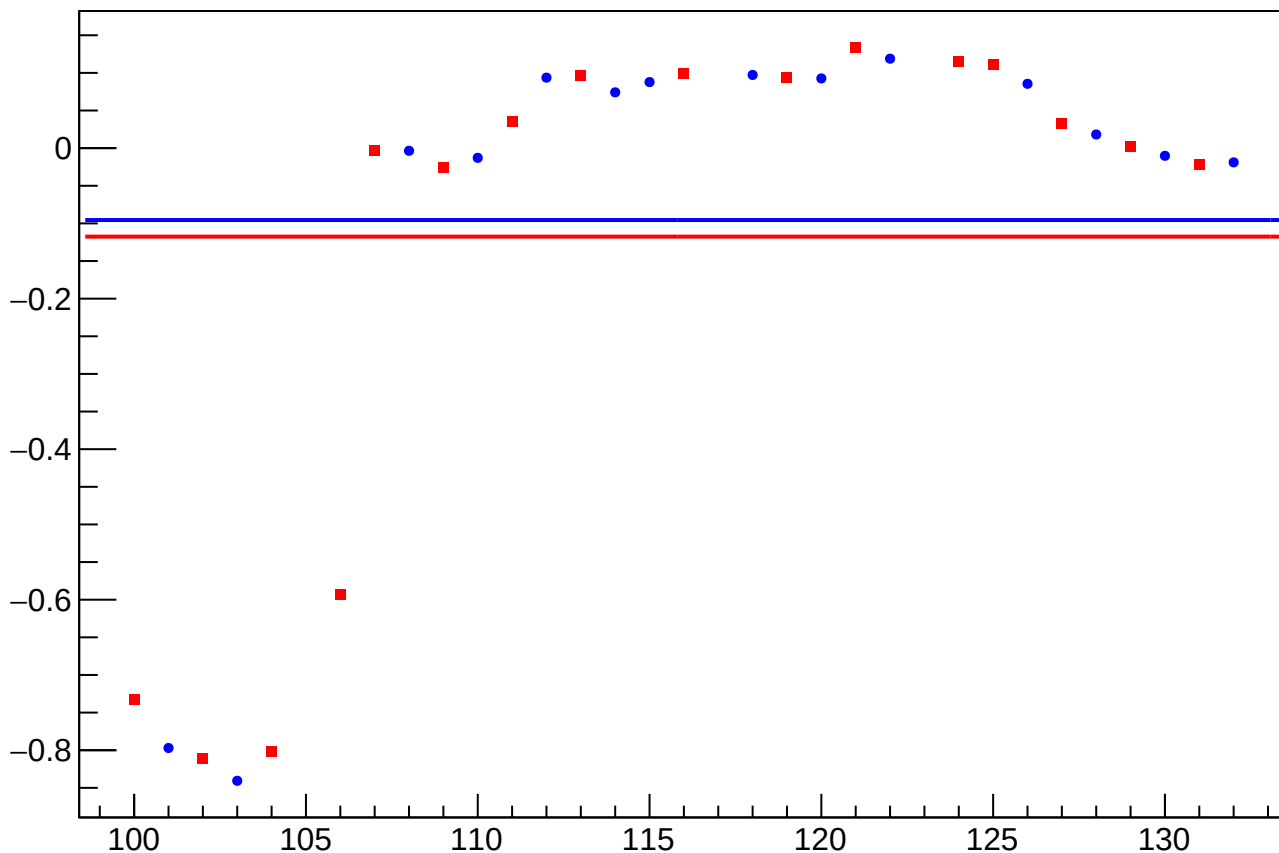
Right: 0.004+/-0.000 χ^2/NDF : 784048.0/29

In: 0.004+/-0.000 χ^2/NDF :473534.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 784048.0/29

yield_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -0.096+/-0.000 χ^2/NDF : 5487380475.9/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.118+/-0.000 χ^2/NDF : 6175576645.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

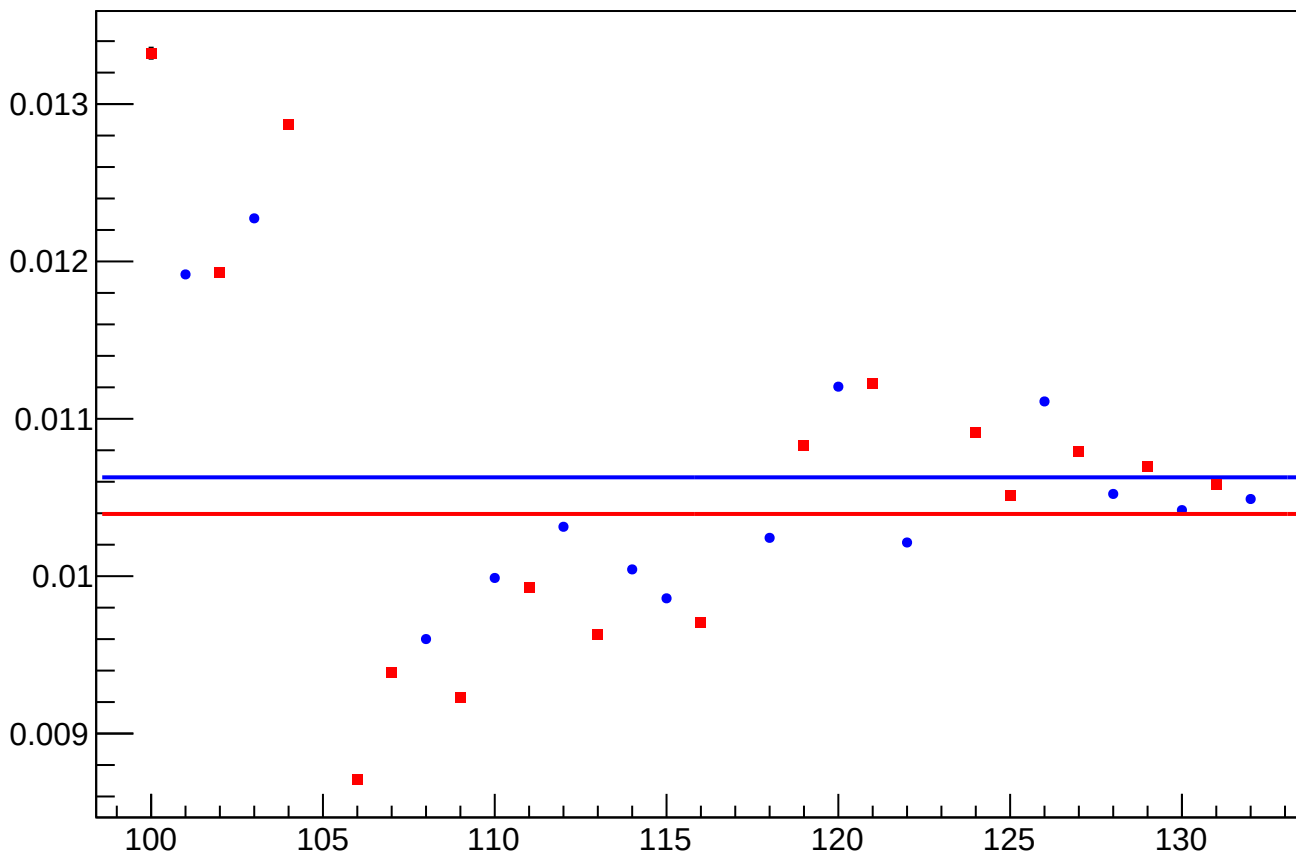
Right: -0.107+/-0.000 χ^2/NDF : 11676290529.7/29

In: -0.096+/-0.000 χ^2/NDF :5487380475.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.107+/-0.000 χ^2/NDF : 11676290529.7/29

yield_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 59330.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 133752.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

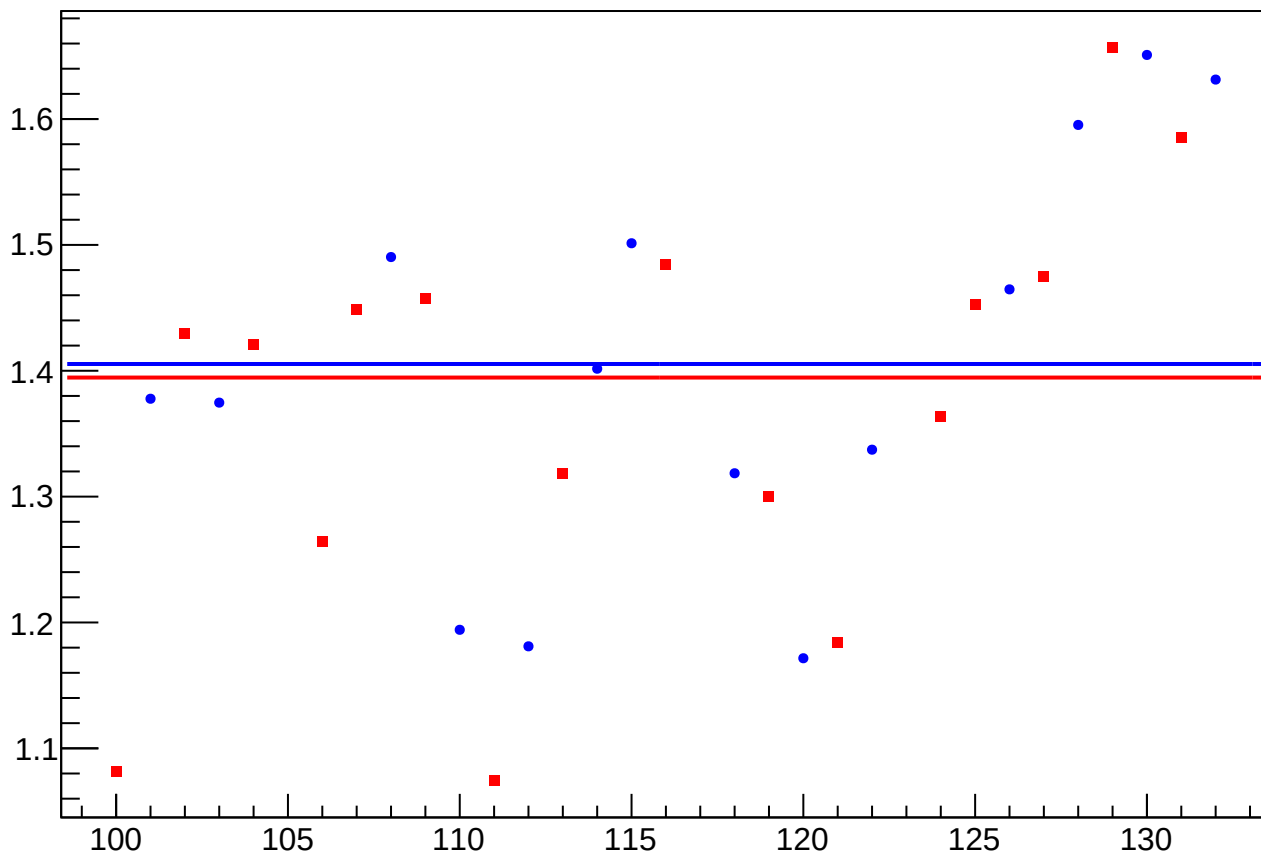
Right: 0.011+/-0.000 χ^2/NDF : 196056.8/29

In: 0.011+/-0.000 χ^2/NDF :59330.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 196056.8/29

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.405+/-0.000 χ^2/NDF : 2396780364.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.395+/-0.000 χ^2/NDF : 2309096183.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

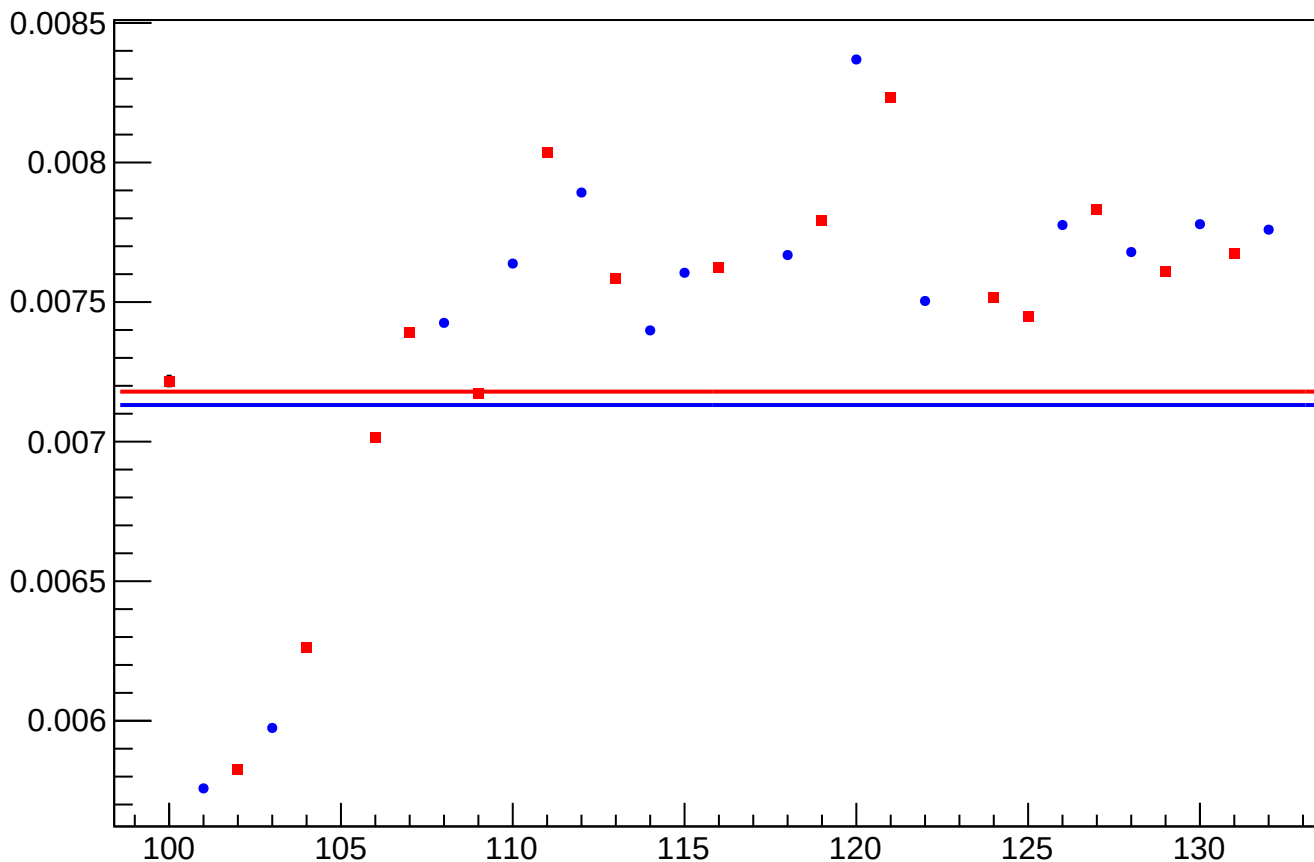
Right: 1.400+/-0.000 χ^2/NDF : 4712711960.9/29

In: 1.405+/-0.000 χ^2/NDF : 2396780364.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.400+/-0.000 χ^2/NDF : 4712711960.9/29

yield_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 179776.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 142294.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

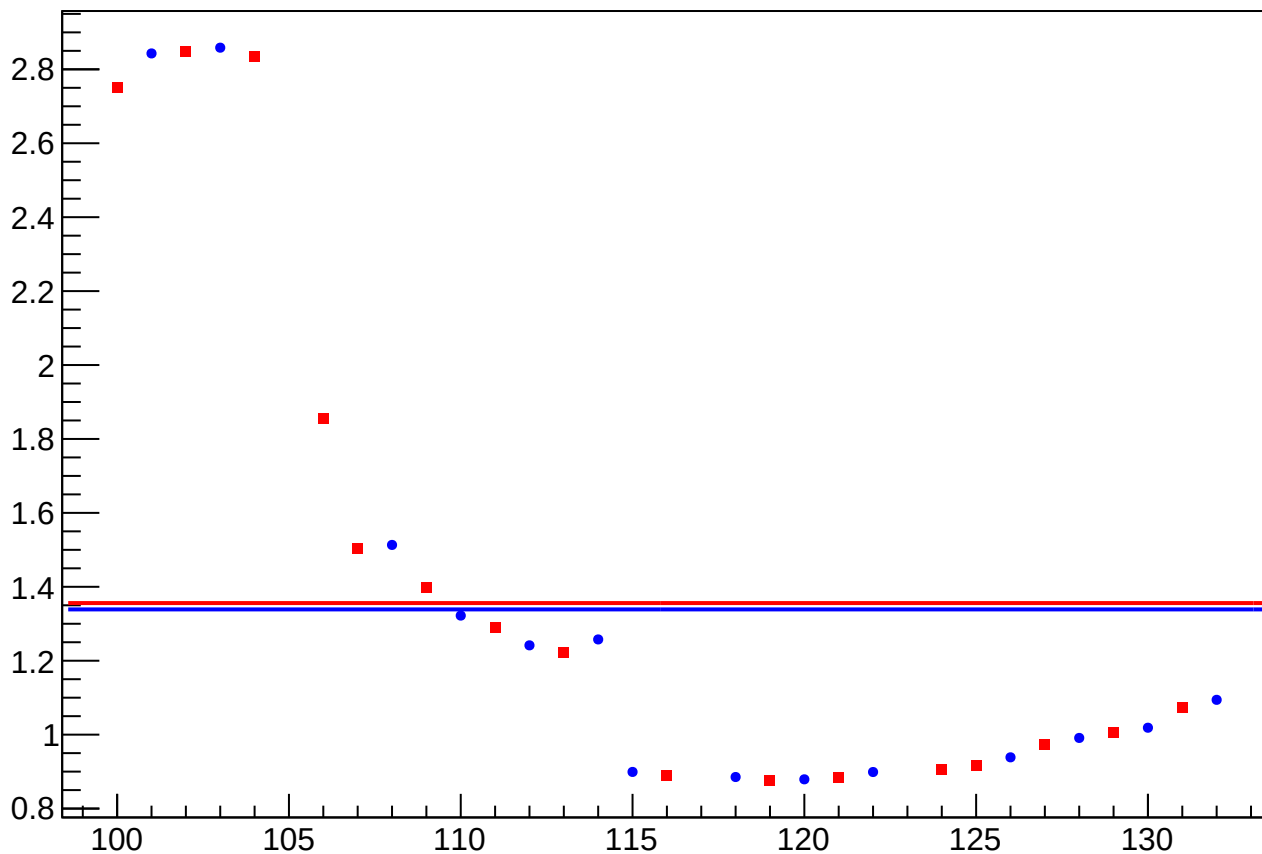
Right: 0.007+/-0.000 χ^2/NDF : 322342.2/29

In: 0.007+/-0.000 χ^2/NDF :179776.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 322342.2/29

yield_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 1.339+/-0.000

χ^2/NDF : 55969250445.6/13

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 1.348+/-0.000

χ^2/NDF : 109251310267.1/29

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 1.339+/-0.000

χ^2/NDF : 55969250445.6/13

Right Out: 1.356+/-0.000

χ^2/NDF : 53261950771.9/15

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

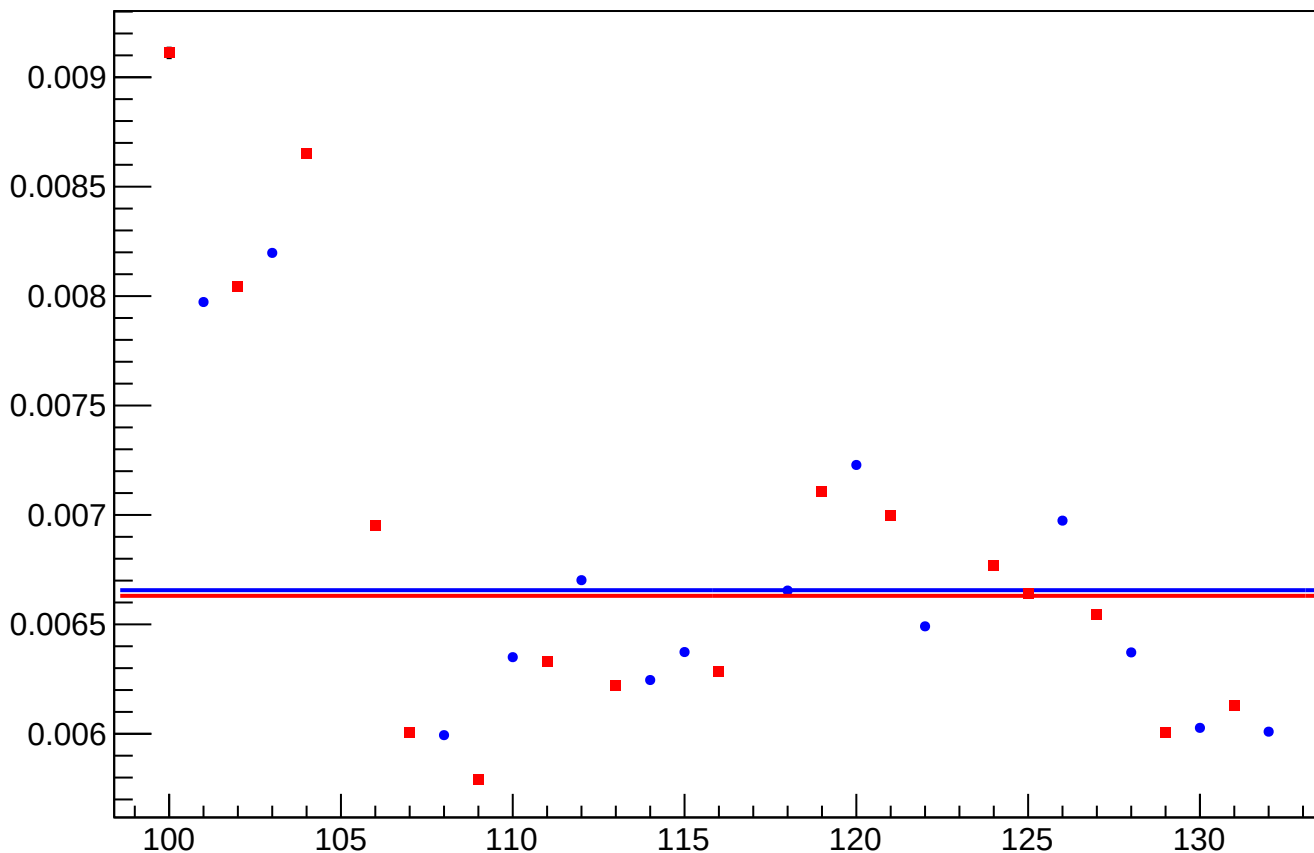
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.348+/-0.000

χ^2/NDF : 109251310267.1

yield_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 121229.6/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 166432.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

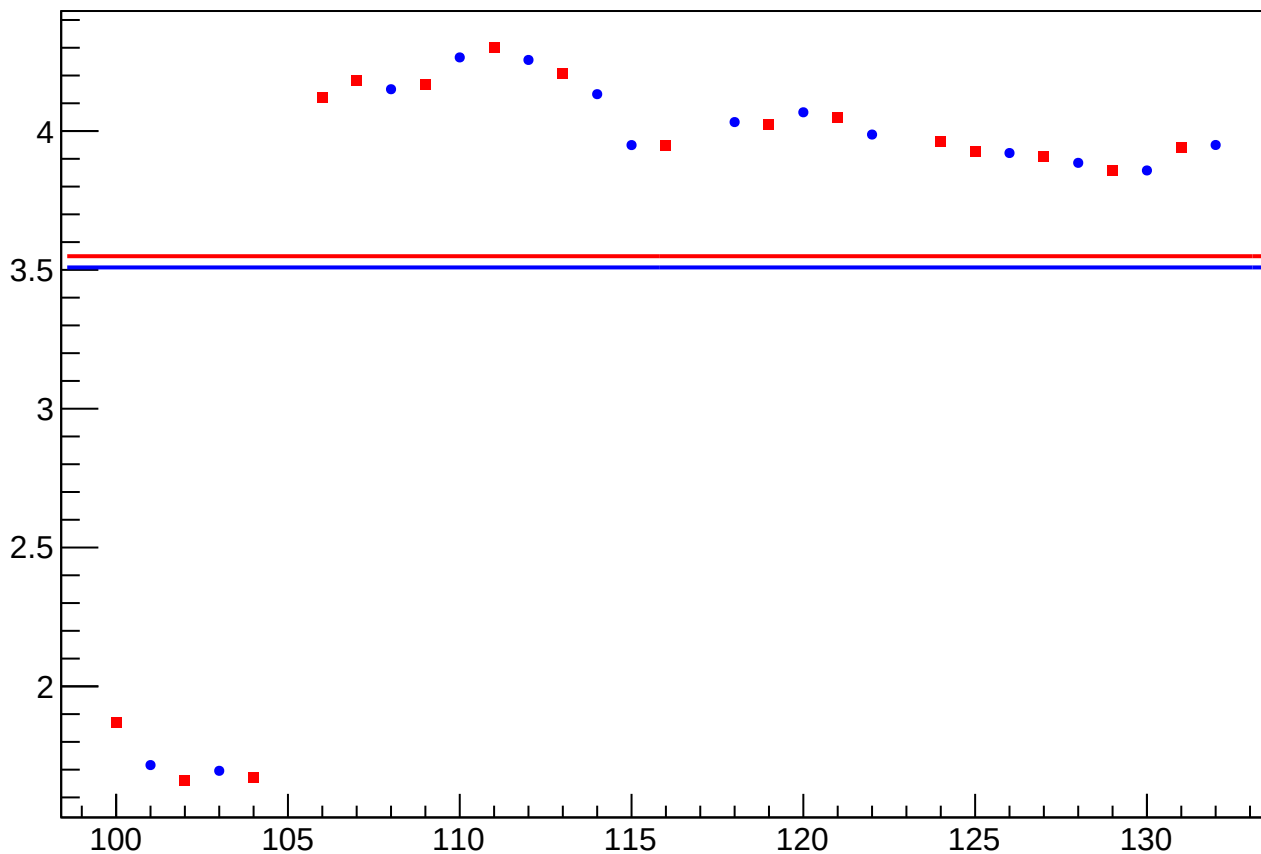
Right: 0.007+/-0.000 χ^2/NDF : 287752.8/29

In: 0.007+/-0.000 χ^2/NDF :121229.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 287752.8/29

yield_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 3.509+/-0.000

χ^2/NDF : 192748015517.2/13

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 3.529+/-0.000

χ^2/NDF : 395723623476.8/29

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 3.509+/-0.000

χ^2/NDF : 192748015517.2/13

Right Out: 3.549+/-0.000

χ^2/NDF : 202810257492.3/15

Out: 0.000+/-0.000

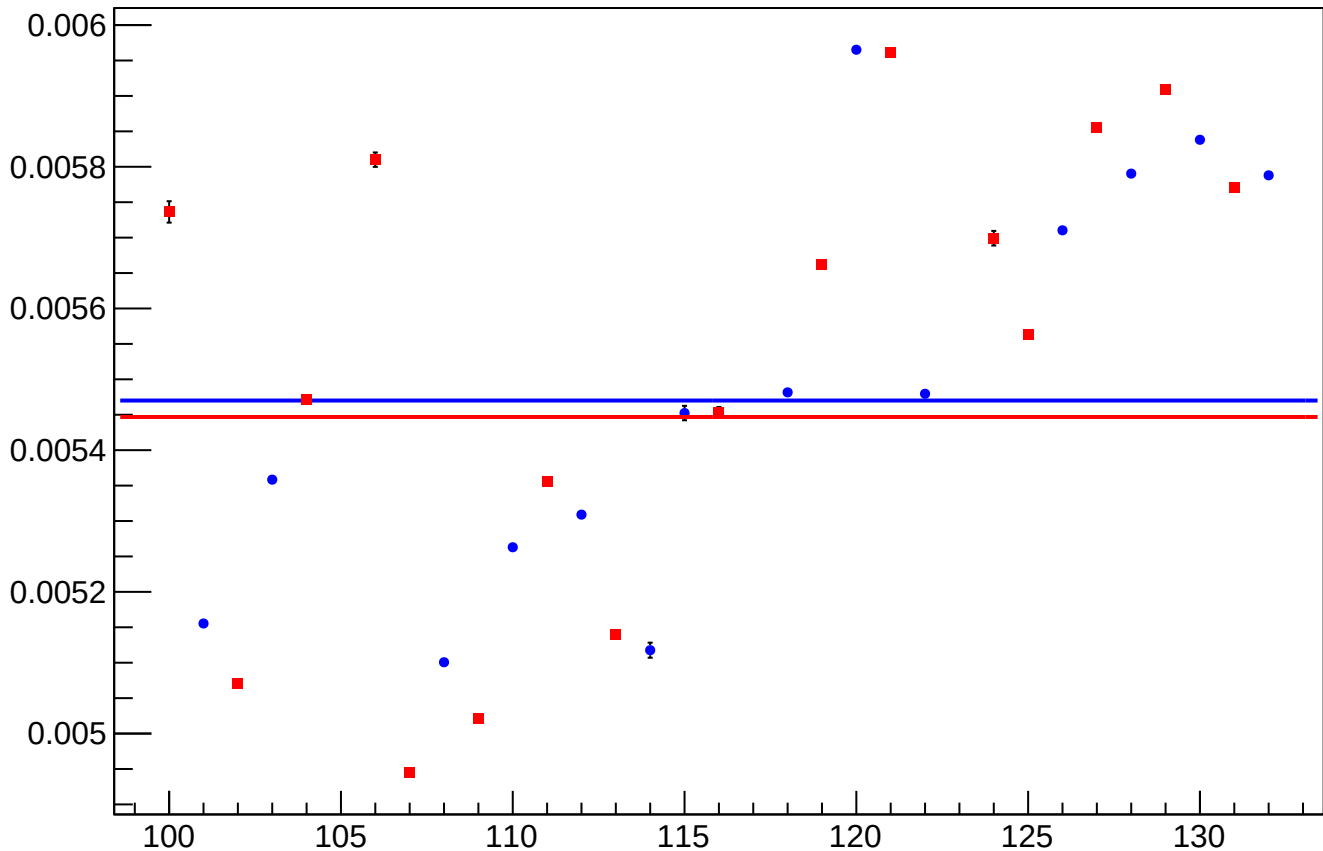
χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 3.529+/-0.000 χ^2/NDF : 395723623476.8

yield_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 28866.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 46498.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

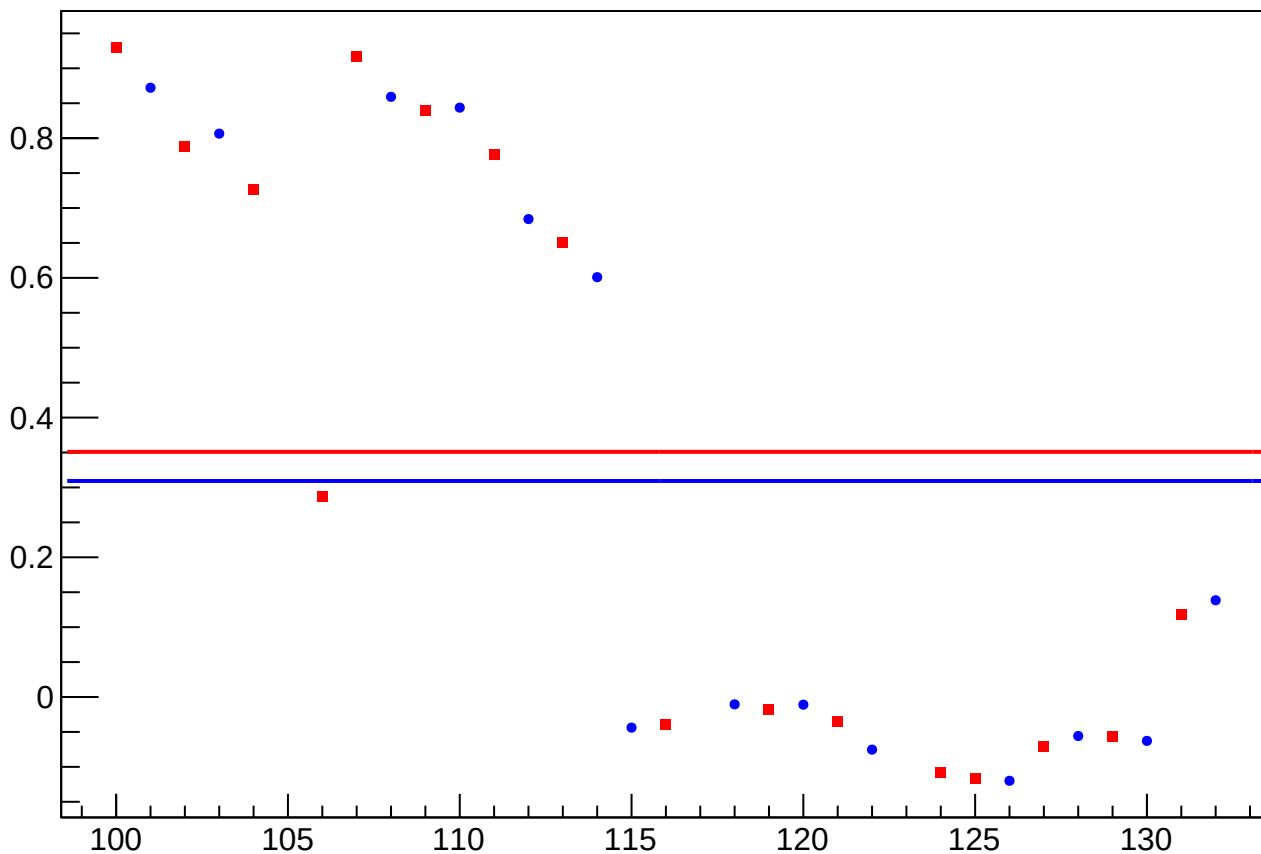
Right: 0.005+/-0.000 χ^2/NDF : 75474.1/29

In: 0.005+/-0.000 χ^2/NDF :28866.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 75474.1/29

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.309+/-0.000 χ^2/NDF : 5199423280.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.351+/-0.000 χ^2/NDF : 5119031096.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

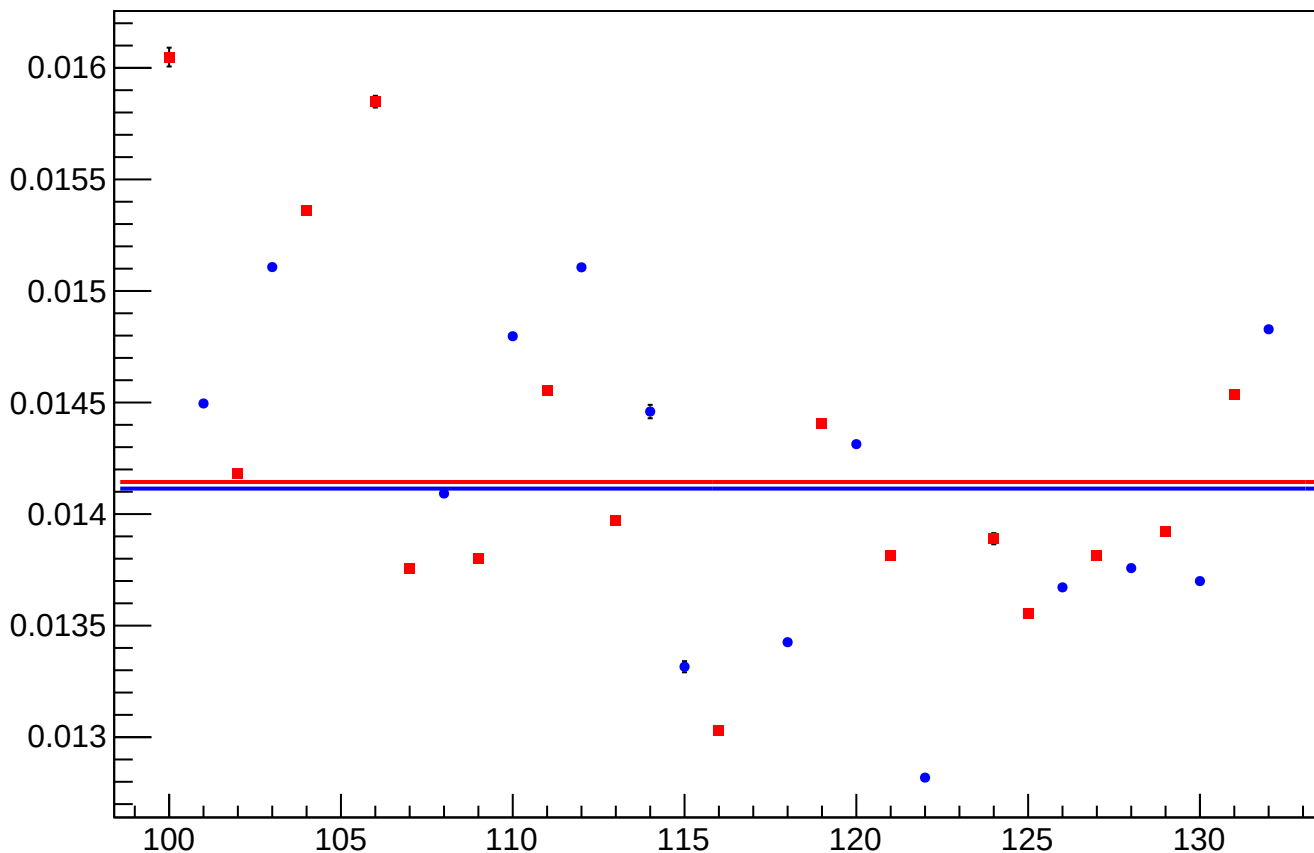
Right: 0.330+/-0.000 χ^2/NDF : 10344684477.9/29

In: 0.309+/-0.000 χ^2/NDF :5199423280.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.330+/-0.000 χ^2/NDF : 10344684477.9/29

yield_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 28765.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 21958.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

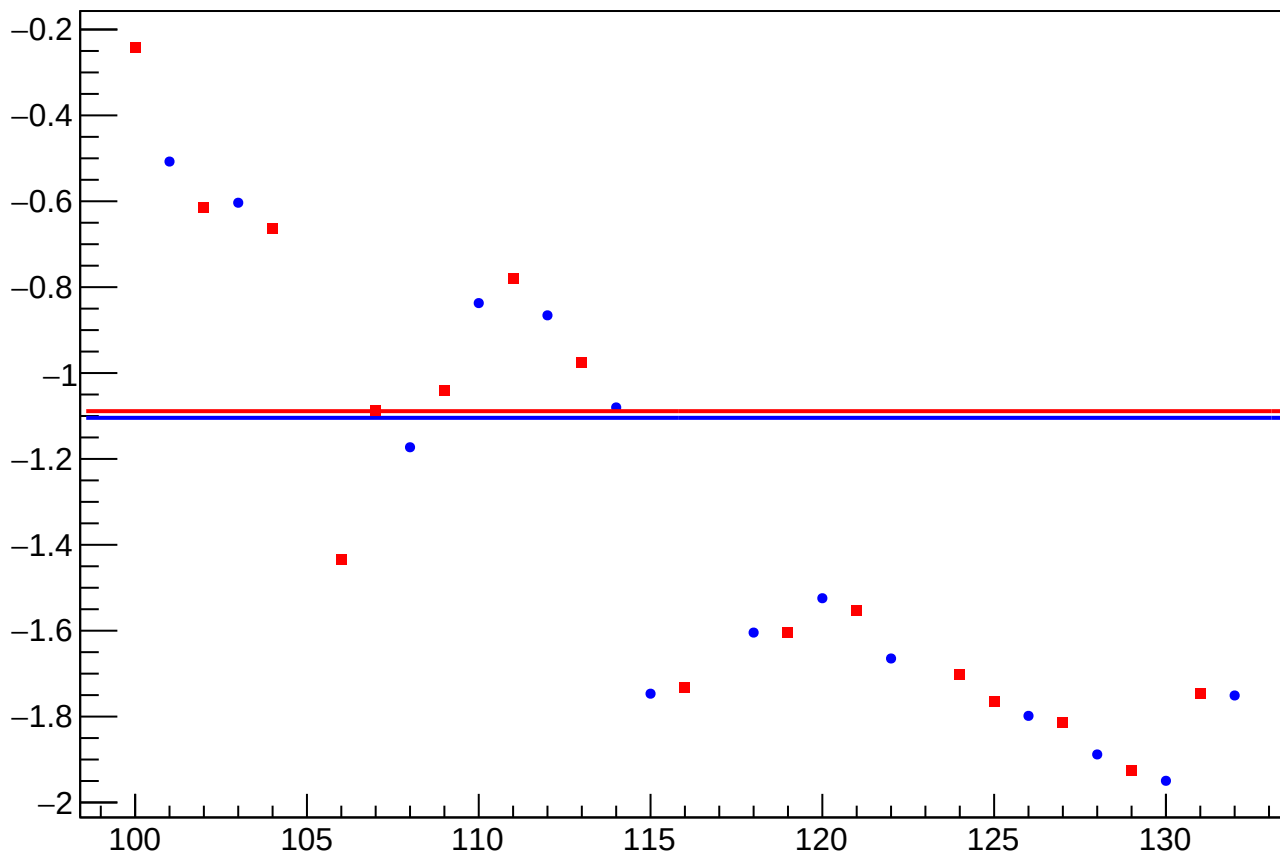
Right: 0.014+/-0.000 χ^2/NDF : 50750.2/29

In: 0.014+/-0.000 χ^2/NDF :28765.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.000 χ^2/NDF : 50750.2/29

yield_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: -1.104+/-0.000 χ^2/NDF : 57202308343.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.089+/-0.000 χ^2/NDF : 46711222335.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

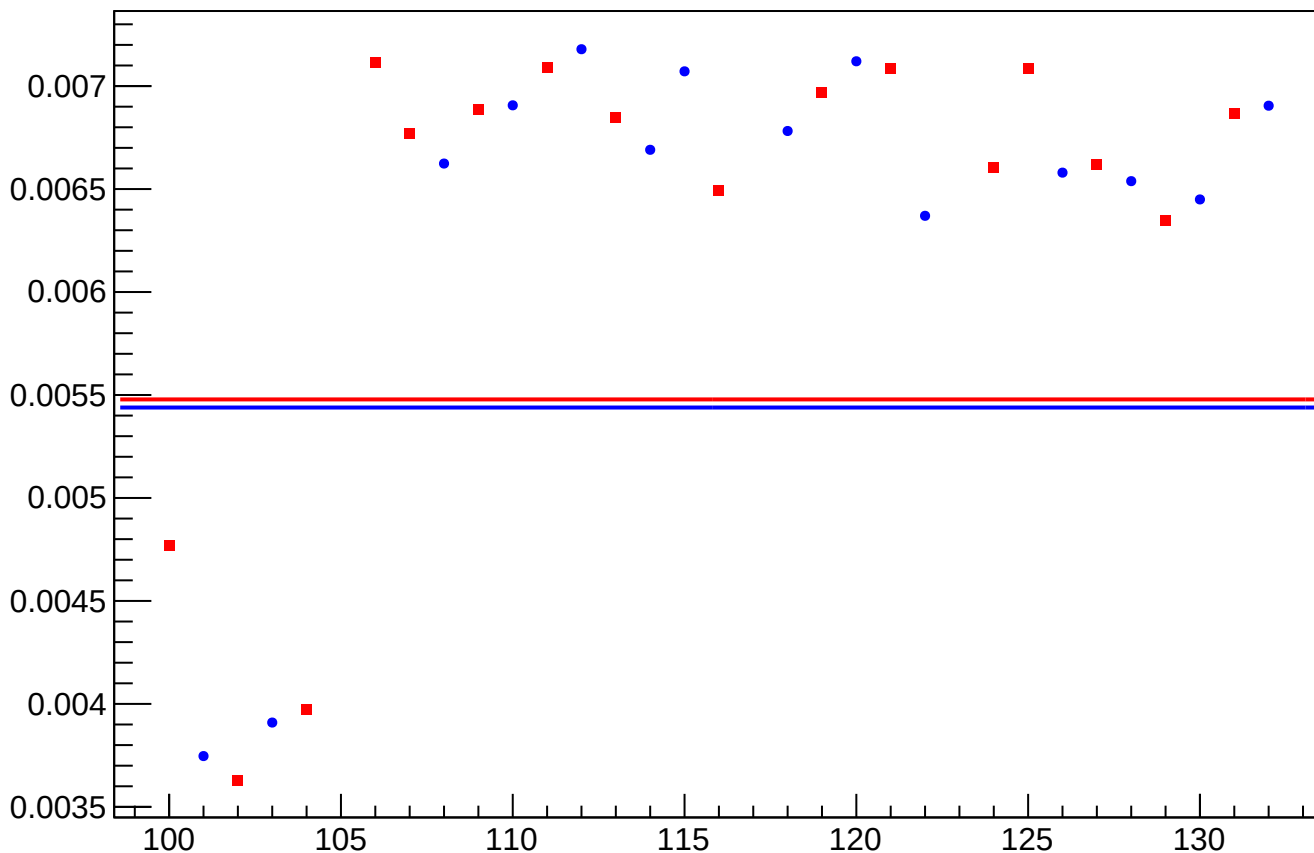
Right: -1.096+/-0.000 χ^2/NDF : 103935050120.5/29

In: -1.104+/-0.000 χ^2/NDF : 57202308343.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.096+/-0.000 χ^2/NDF : 103935050120.5

yield_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 750507.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 832350.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

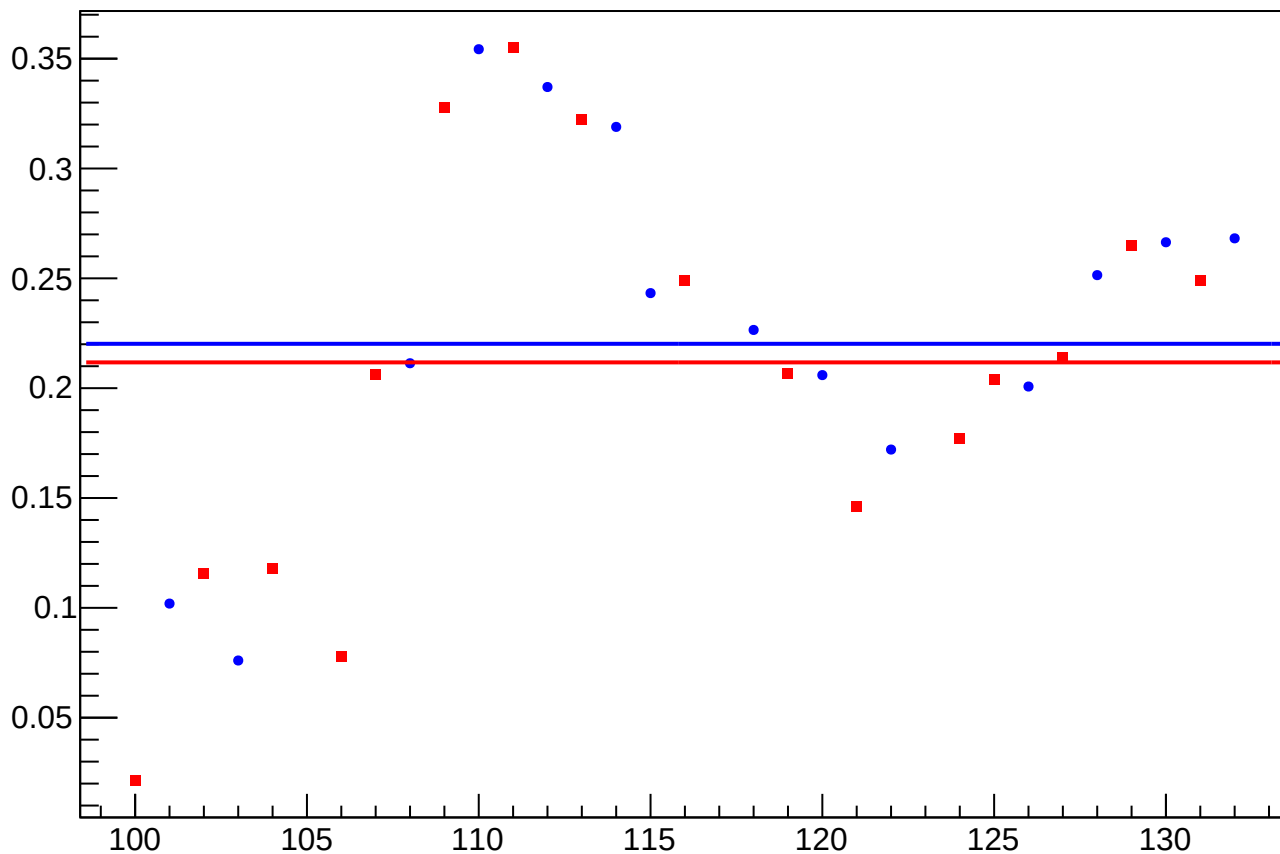
Right: 0.005+/-0.000 χ^2/NDF : 1583134.8/29

In: 0.005+/-0.000 χ^2/NDF : 750507.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1583134.8/29

yield_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 0.220+/-0.000

χ^2/NDF : 16383712557.6/13

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.216+/-0.000 χ^2/NDF : 37634572566.4/29

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.220+/-0.000 χ^2/NDF : 16383712557.6/13

Right Out: 0.212+/-0.000

χ^2/NDF : 21142916056.1/15

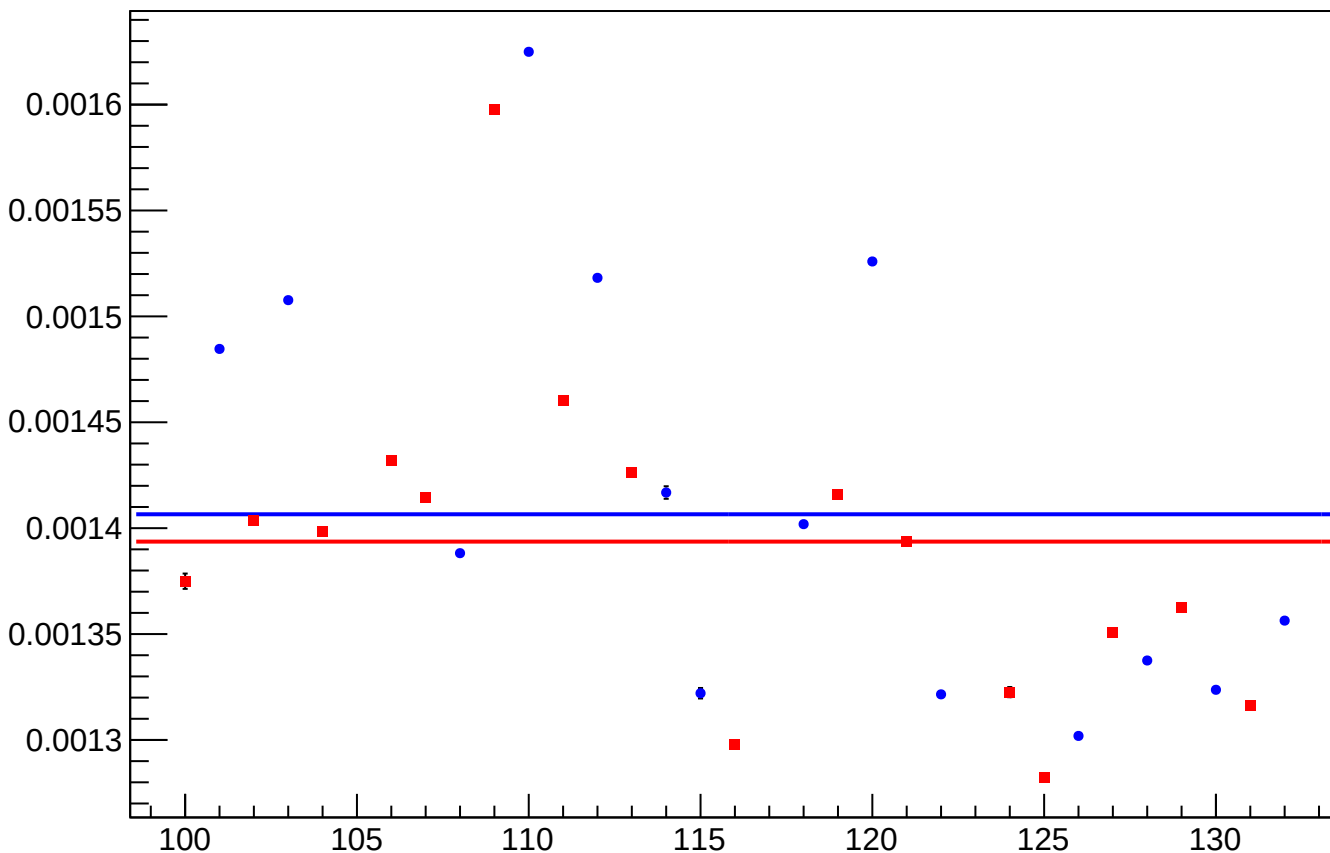
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.216+/-0.000 χ^2/NDF : 37634572566.4/29

yield_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 47575.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 32960.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

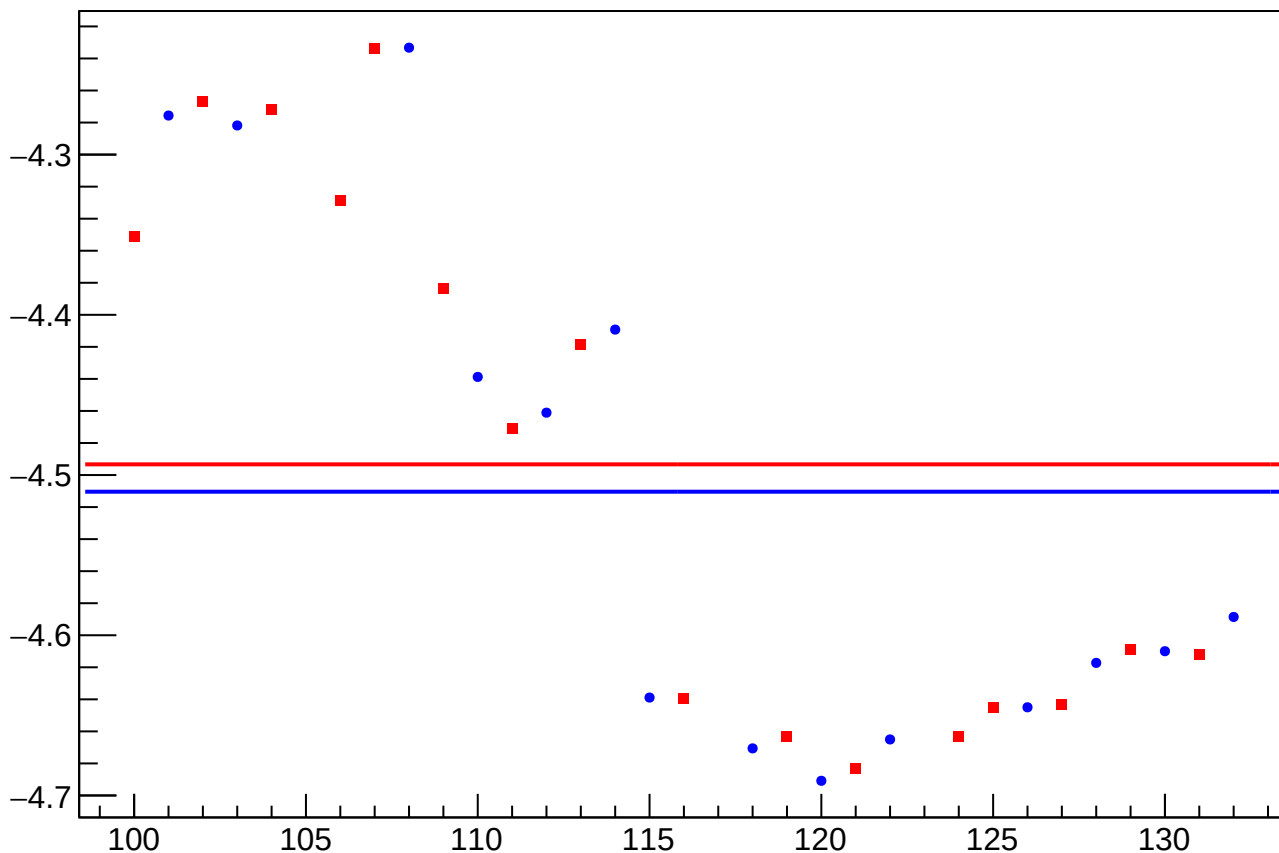
Right: 0.001+/-0.000 χ^2/NDF : 81039.4/29

In: 0.001+/-0.000 χ^2/NDF :47575.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 81039.4/29

yield_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -4.510+/-0.000 χ^2/NDF : 57361889524.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.493+/-0.000 χ^2/NDF : 55397911334.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

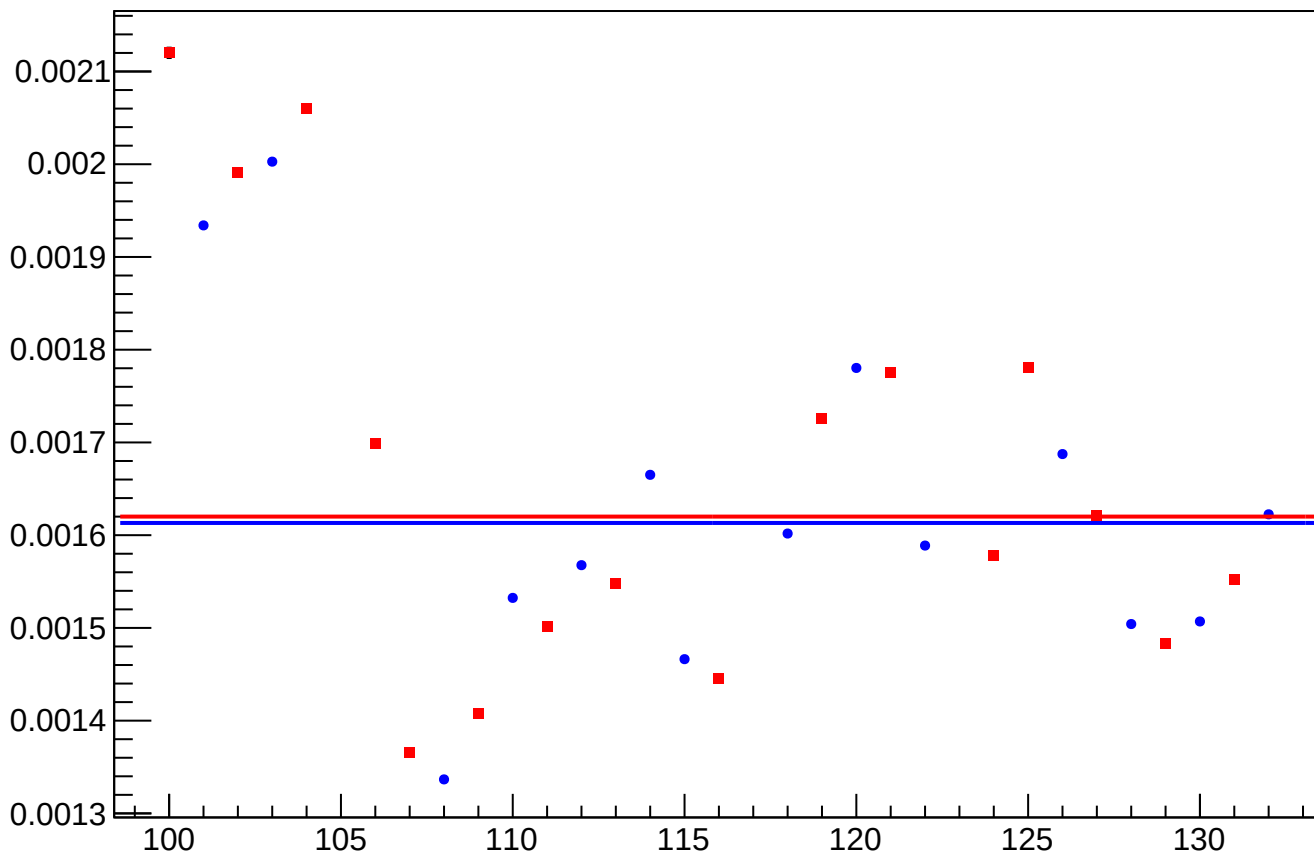
Right: -4.502+/-0.000 χ^2/NDF : 113085570908.4/29

In: -4.510+/-0.000 χ^2/NDF : 57361889524.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.502+/-0.000 χ^2/NDF : 113085570908.4

yield_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 138485.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 180729.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

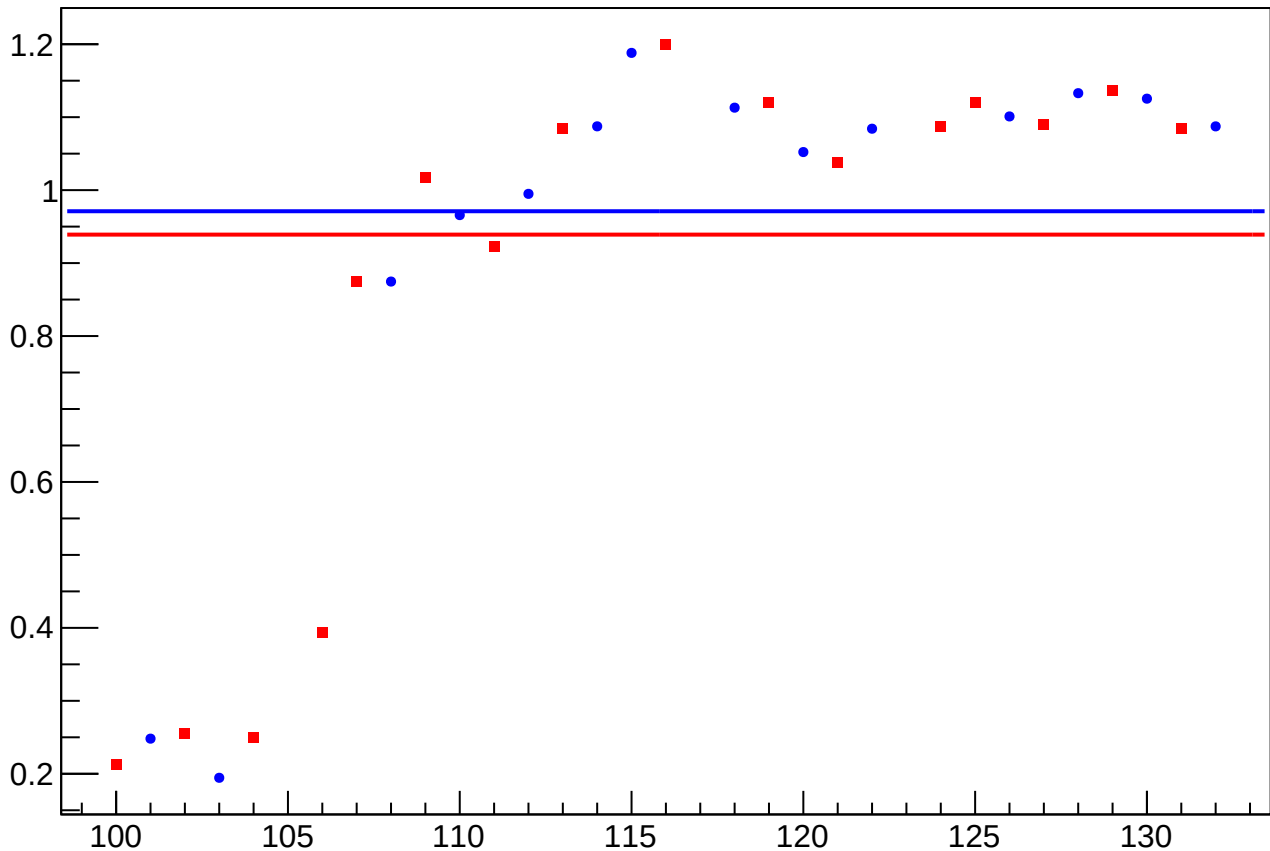
Right: 0.002+/-0.000 χ^2/NDF : 319319.9/29

In: 0.002+/-0.000 χ^2/NDF :138485.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 319319.9/29

yield_bpm2i02X_mean vs Slug, Sign Corrected



Right In: 0.971+/-0.000

χ^2/NDF : 11225622855.4/13

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.954+/-0.000 χ^2/NDF : 25460244958.4/29

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.971+/-0.000 χ^2/NDF : 11225622855.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.939+/-0.000

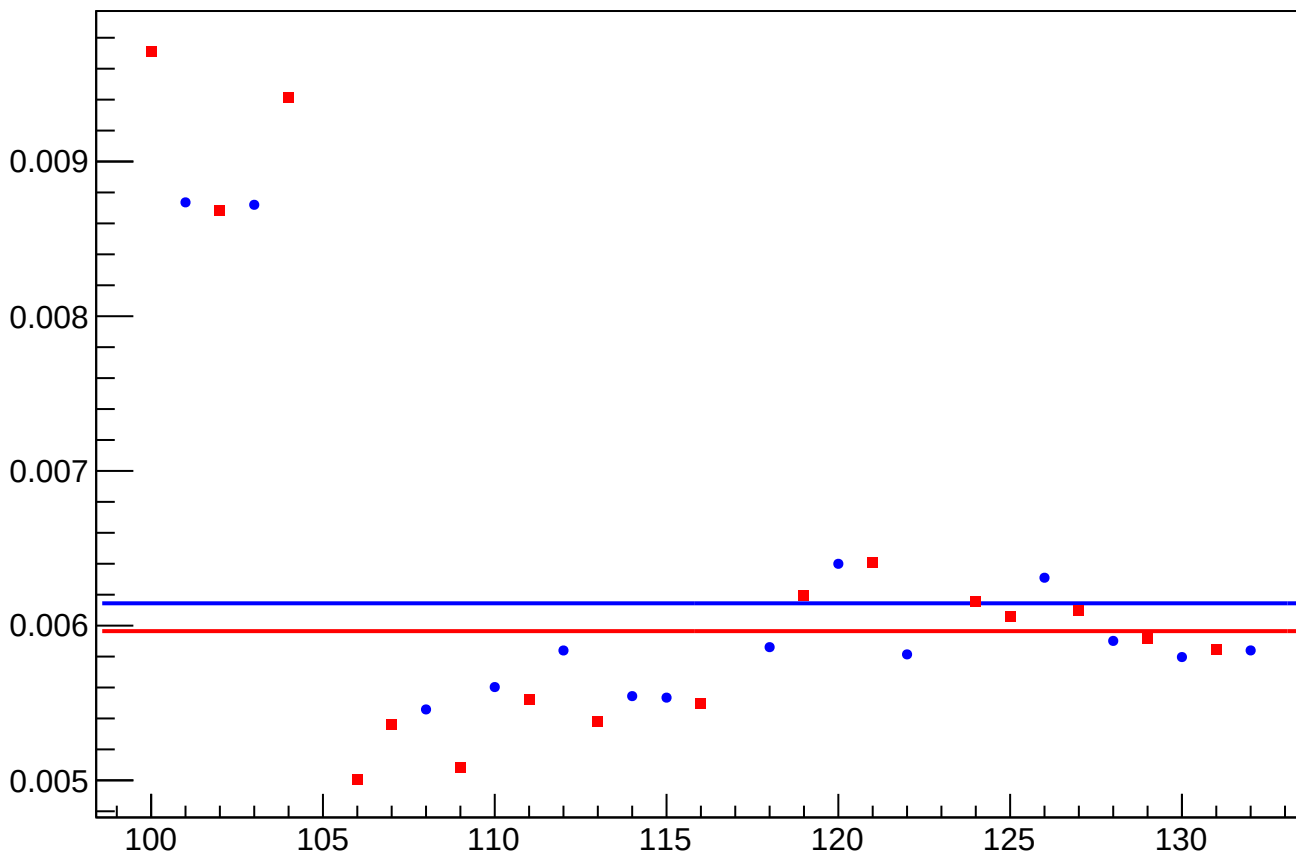
χ^2/NDF : 14151295905.7/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.954+/-0.000 χ^2/NDF : 25460244958.4/29

yield_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 261982.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 378169.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

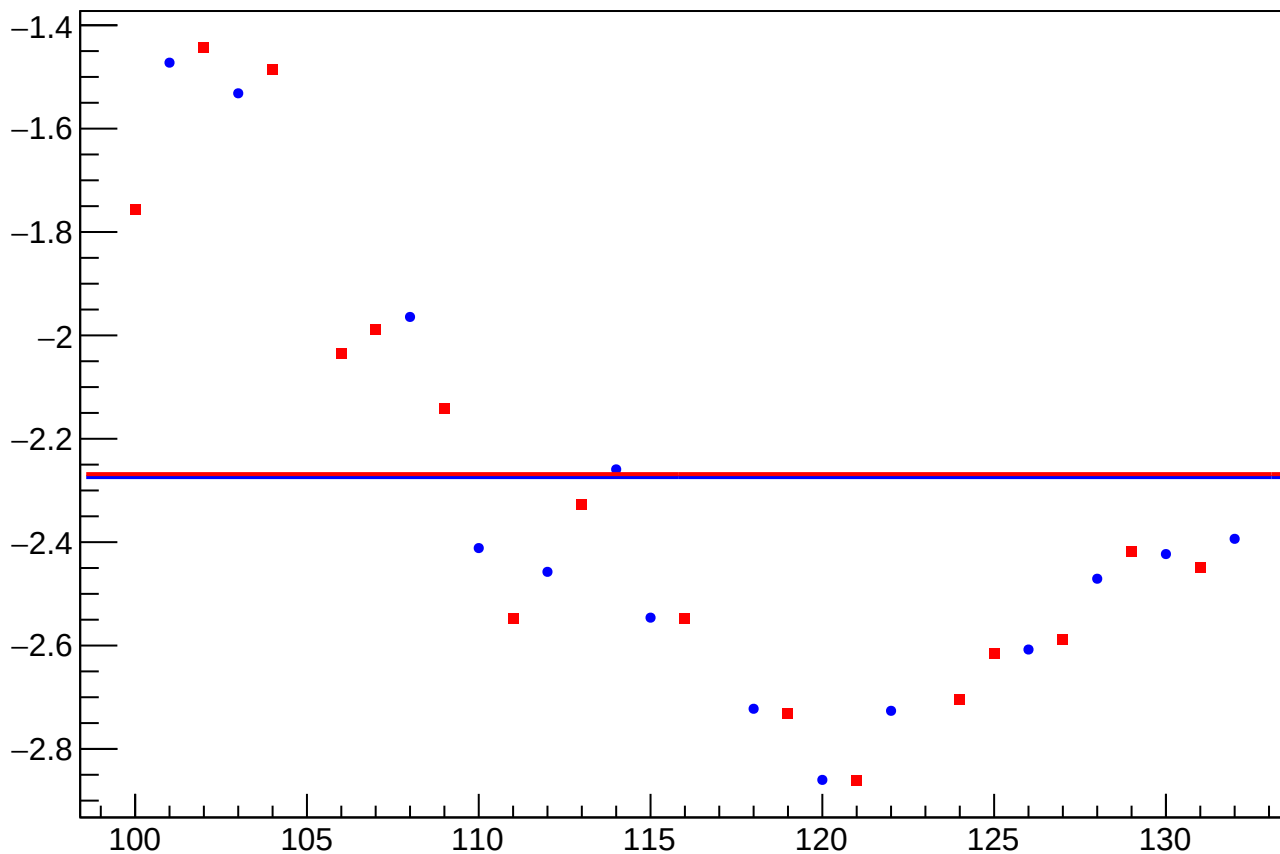
Right: 0.006+/-0.000 χ^2/NDF : 645401.4/29

In: 0.006+/-0.000 χ^2/NDF :261982.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 645401.4/29

yield_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -2.274+/-0.000 χ^2/NDF : 37489518233.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.268+/-0.000 χ^2/NDF : 38325788996.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

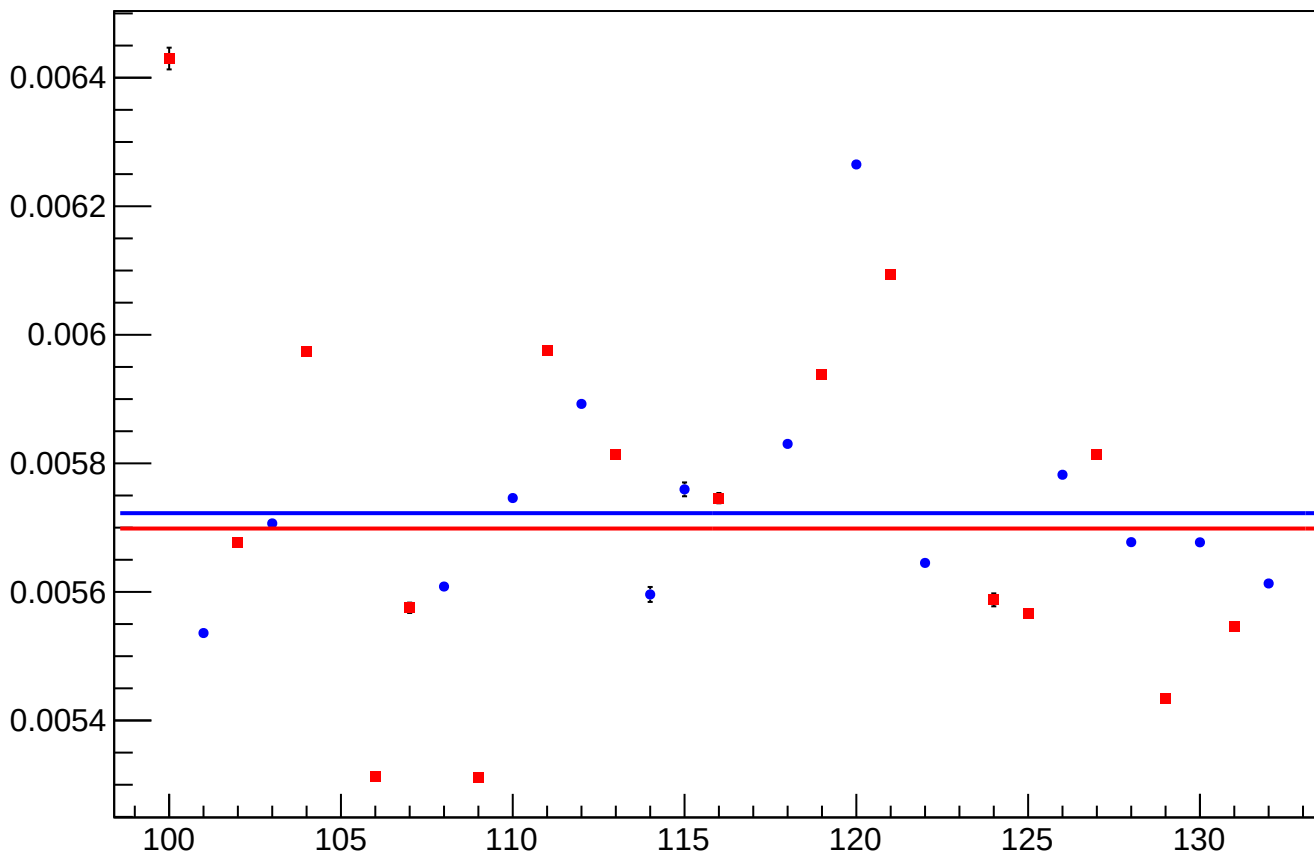
Right: -2.271+/-0.000 χ^2/NDF : 75818429322.7/29

In: -2.274+/-0.000 χ^2/NDF : 37489518233.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.271+/-0.000 χ^2/NDF : 75818429322.7/29

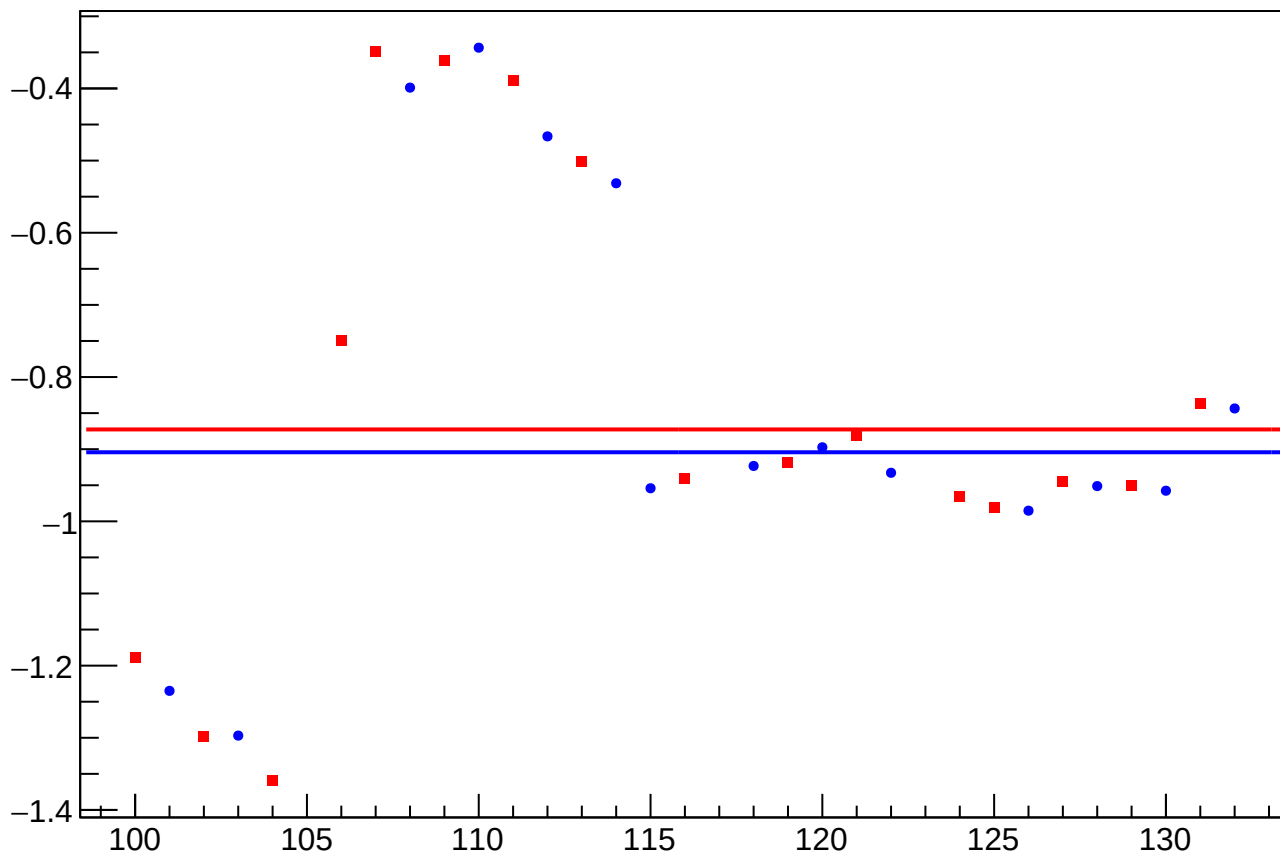
yield_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 9091.3/13
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.006+/-0.000 χ^2/NDF : 24825.6/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.006+/-0.000 χ^2/NDF : 34024.2/29
 In: 0.006+/-0.000 χ^2/NDF : 9091.3/13
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.006+/-0.000 χ^2/NDF : 34024.2/29

yield_bpm0i01X_mean vs Slug, Sign Corrected



Right In: -0.904 ± 0.000 $\chi^2/\text{NDF}: 4174972283.5/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.873 ± 0.000 $\chi^2/\text{NDF}: 5765821849.0/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

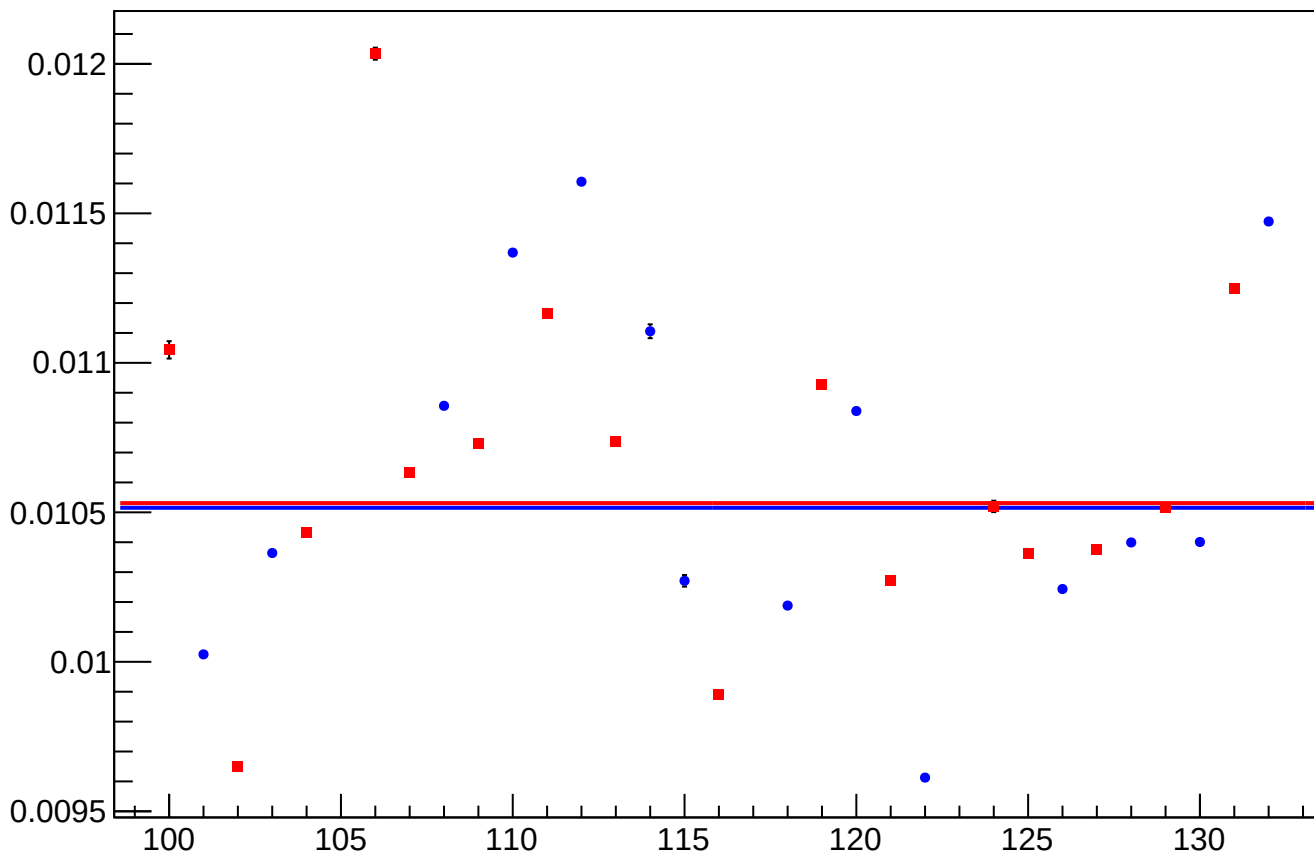
Right: -0.888 ± 0.000 $\chi^2/\text{NDF}: 9967798103.8/29$

In: -0.904 ± 0.000 $\chi^2/\text{NDF}: 4174972283.5/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.888 ± 0.000 $\chi^2/\text{NDF}: 9967798103.8/29$

yield_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 33233.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 28200.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

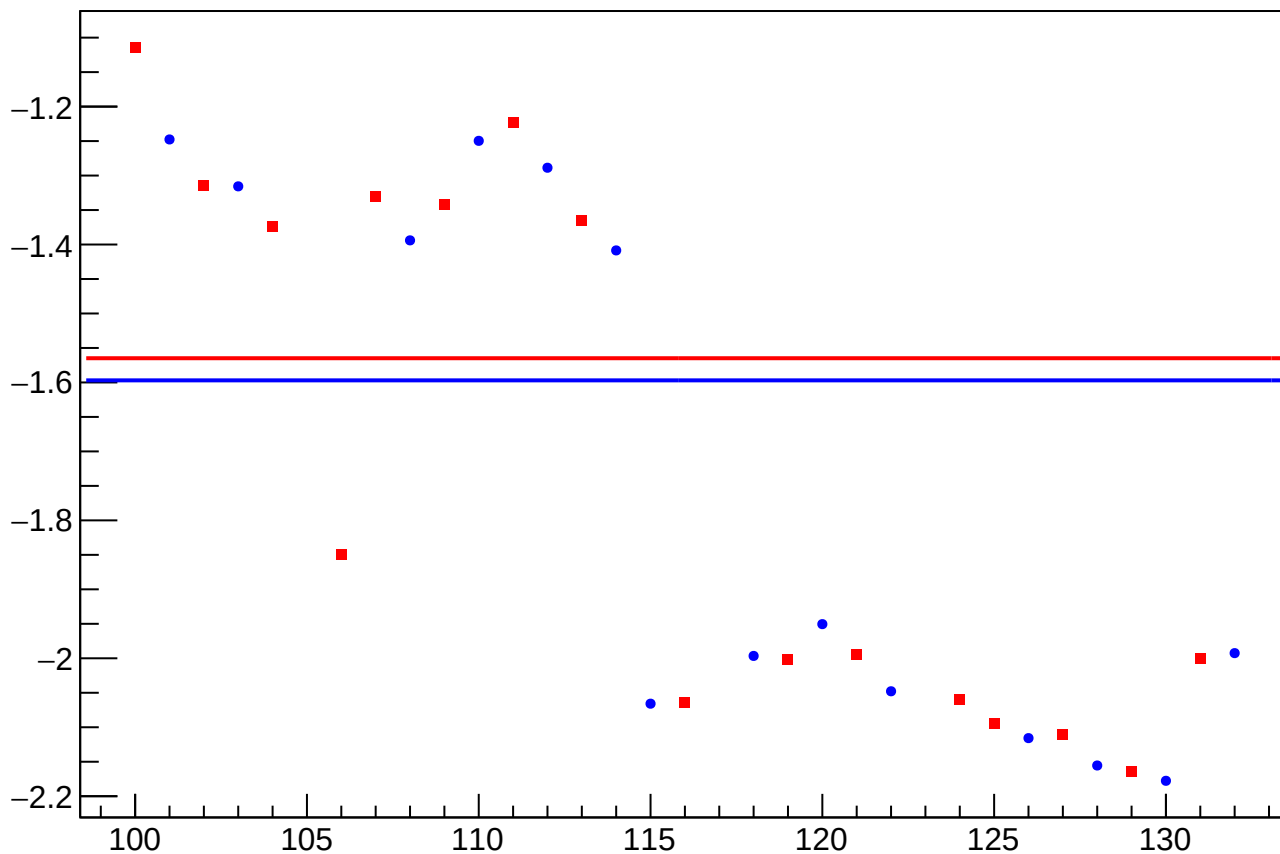
Right: 0.011+/-0.000 χ^2/NDF : 61446.5/29

In: 0.011+/-0.000 χ^2/NDF : 33233.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 61446.5/29

yield_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: -1.597+/-0.000 χ^2/NDF : 127494352641.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.565+/-0.000 χ^2/NDF : 111690868144.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

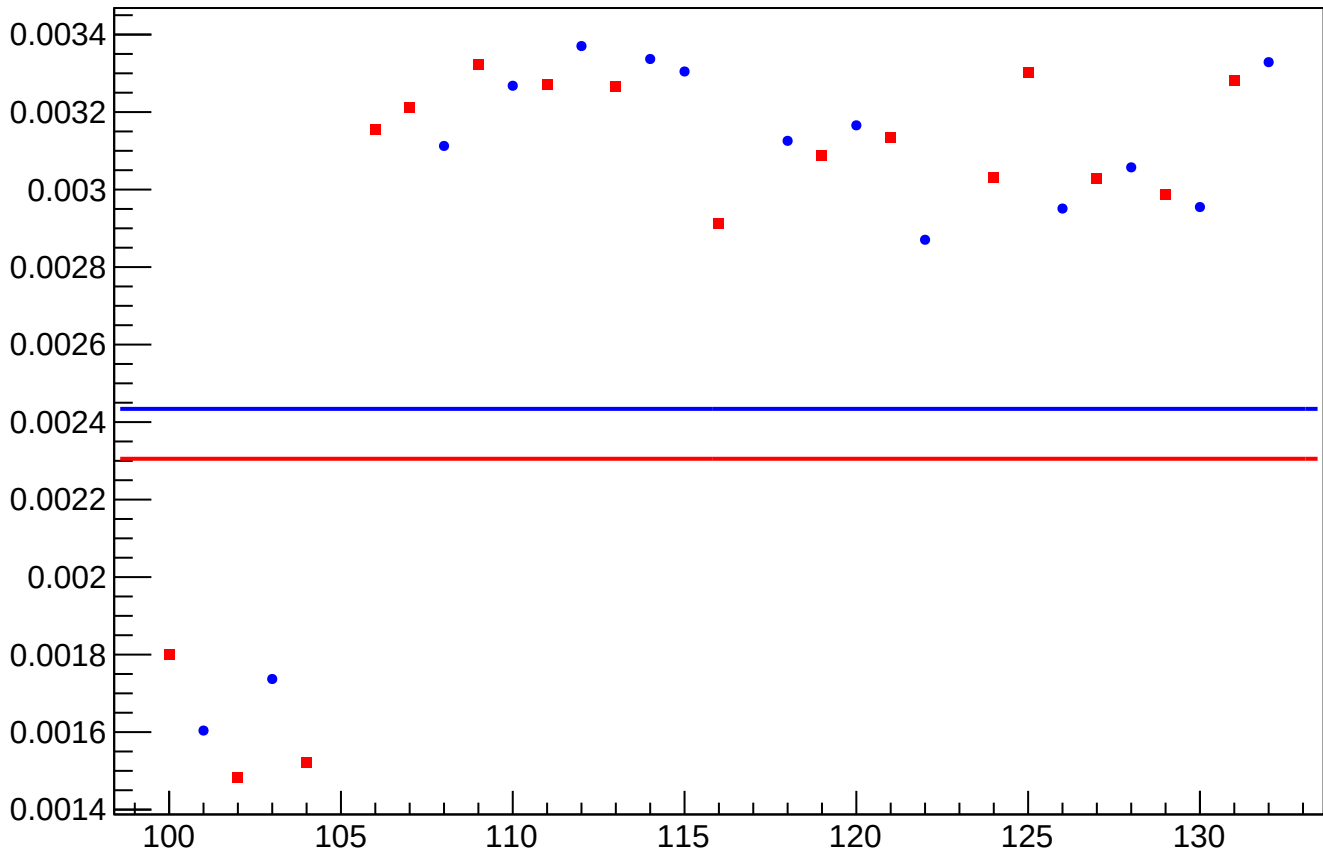
Right: -1.580+/-0.000 χ^2/NDF : 239641796500.4/29

In: -1.597+/-0.000 χ^2/NDF : 127494352641.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.580+/-0.000 χ^2/NDF : 239641796500.4

yield_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 906608.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1277079.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

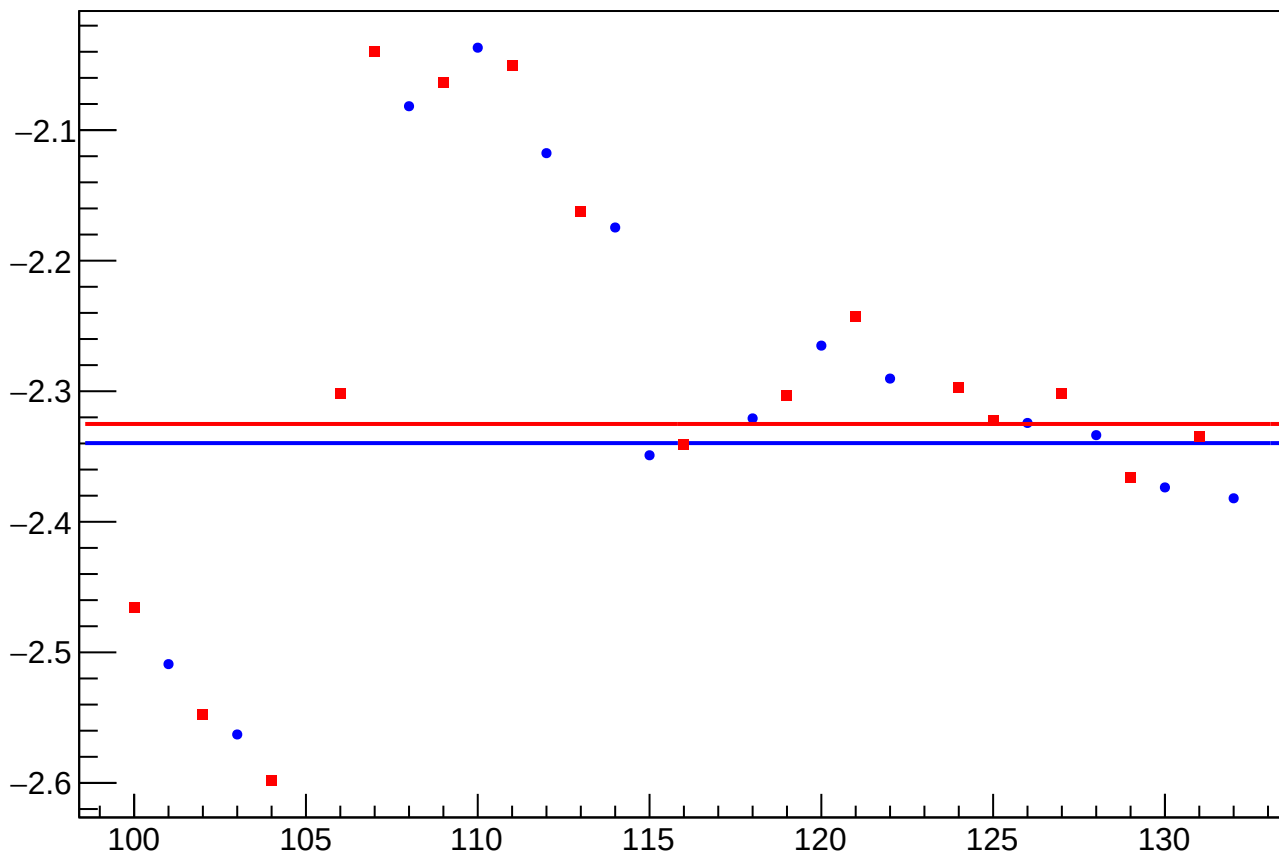
Right: 0.002+/-0.000 χ^2/NDF : 2198387.6/29

In: 0.002+/-0.000 χ^2/NDF : 906608.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2198387.6/29

yield_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: -2.340+/-0.000 χ^2/NDF : 3250153692.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.325+/-0.000 χ^2/NDF : 4547801843.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

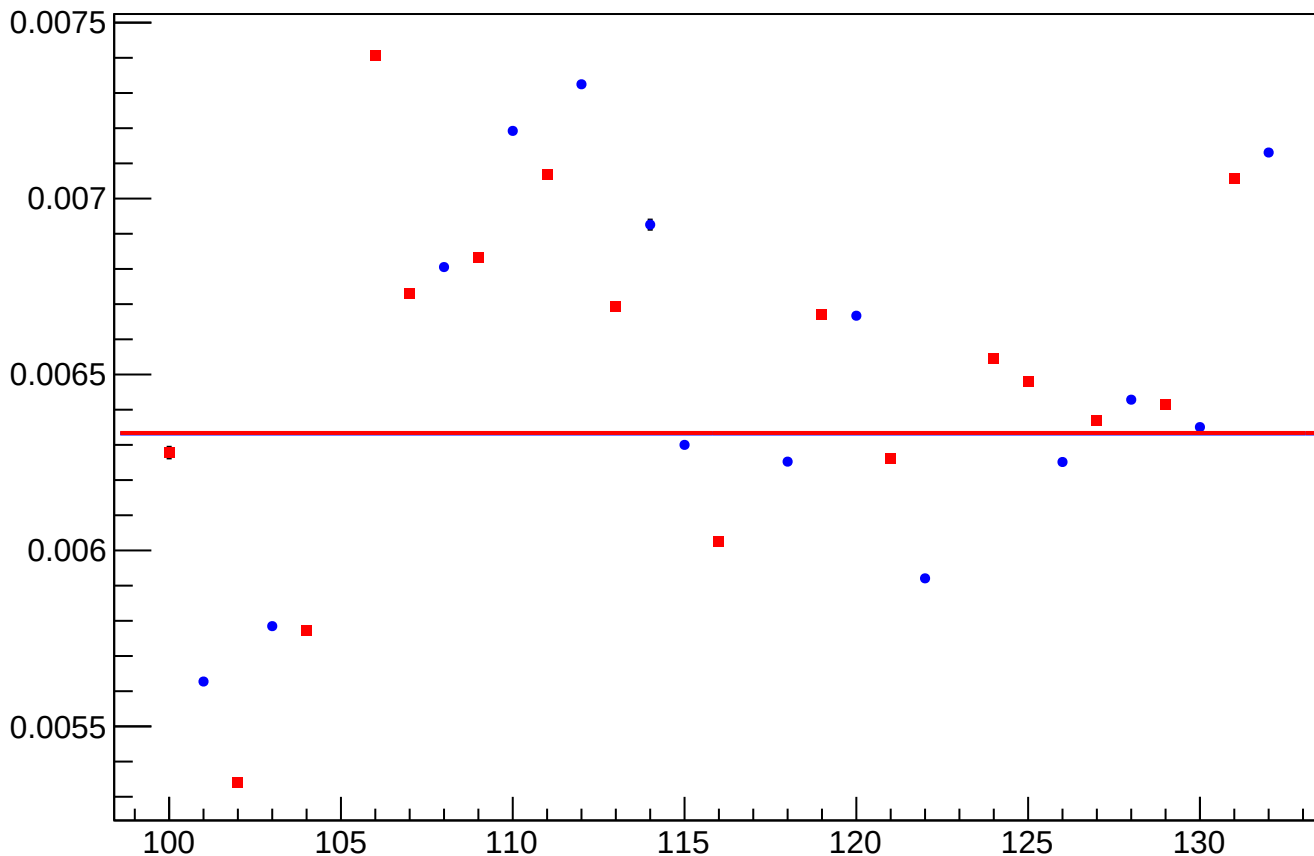
Right: -2.332+/-0.000 χ^2/NDF : 7813688518.2/29

In: -2.340+/-0.000 χ^2/NDF :3250153692.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.332+/-0.000 χ^2/NDF : 7813688518.2/29

yield_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 80607.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 94392.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

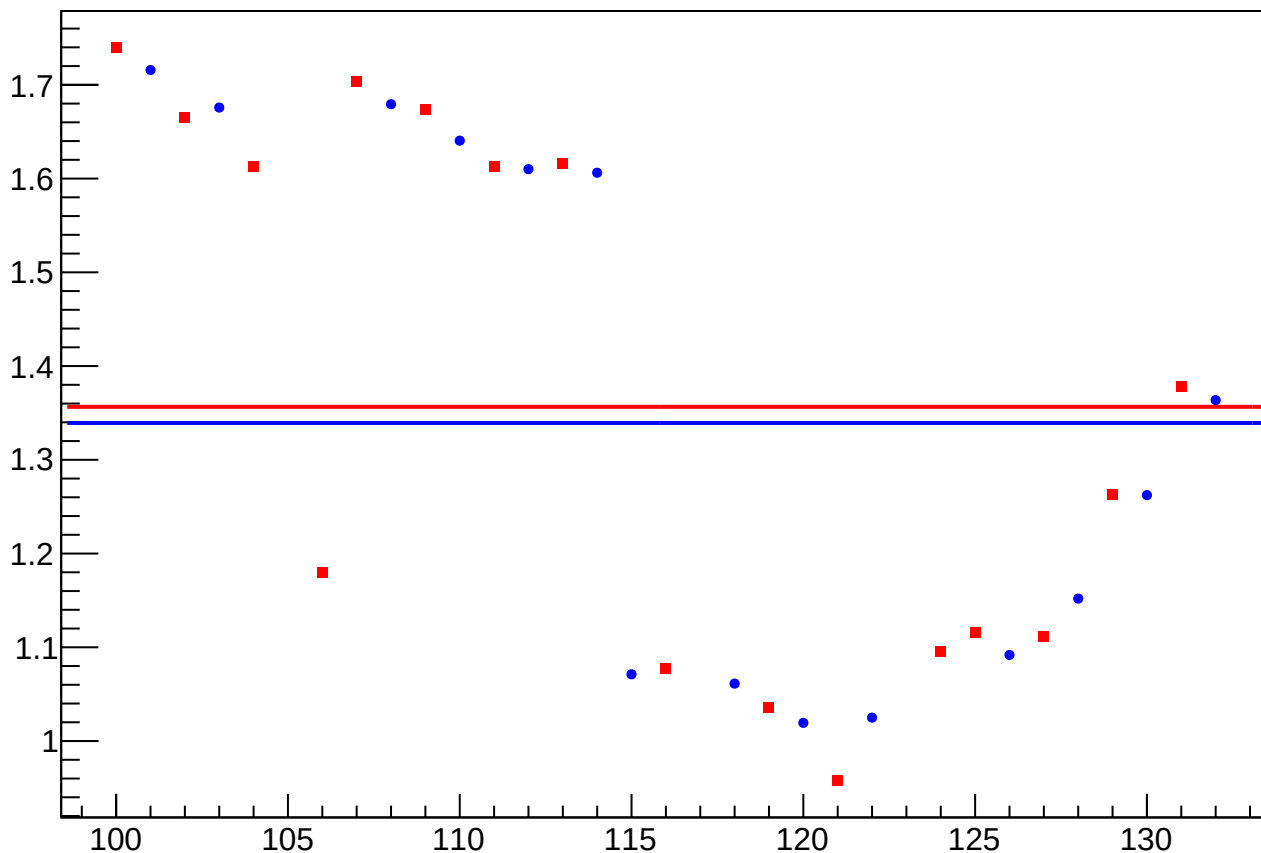
Right: 0.006+/-0.000 χ^2/NDF : 174999.8/29

In: 0.006+/-0.000 χ^2/NDF :80607.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 174999.8/29

yield_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 1.339+/-0.000 χ^2/NDF : 100353942881.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.357+/-0.000 χ^2/NDF : 104932785990.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

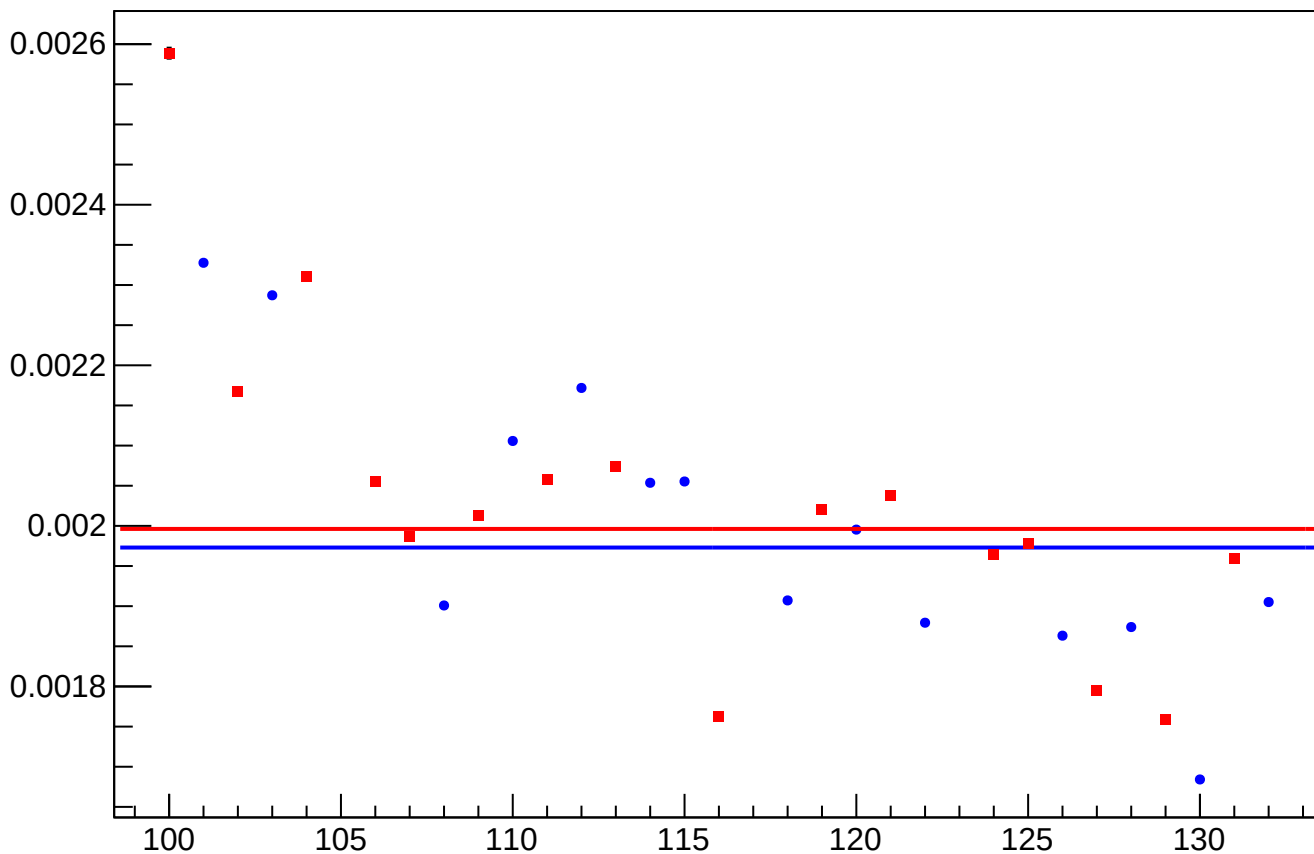
Right: 1.348+/-0.000 χ^2/NDF : 205496309723.0/29

In: 1.339+/-0.000 χ^2/NDF : 100353942881.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.348+/-0.000 χ^2/NDF : 205496309723.0

yield_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 101650.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 71964.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

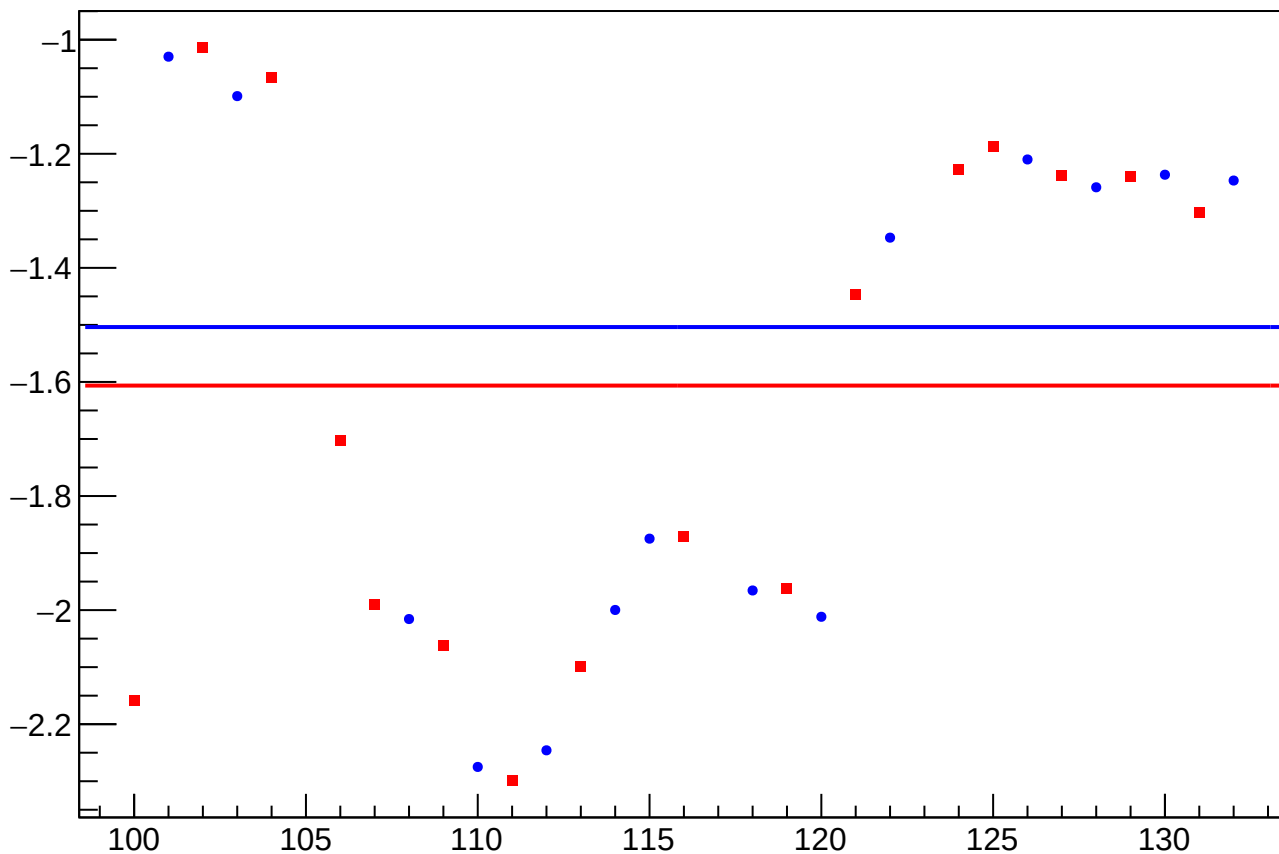
Right: 0.002+/-0.000 χ^2/NDF : 174377.2/29

In: 0.002+/-0.000 χ^2/NDF : 101650.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 174377.2/29

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.504+/-0.000 χ^2/NDF : 22834205048.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.606+/-0.000 χ^2/NDF : 28262318663.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

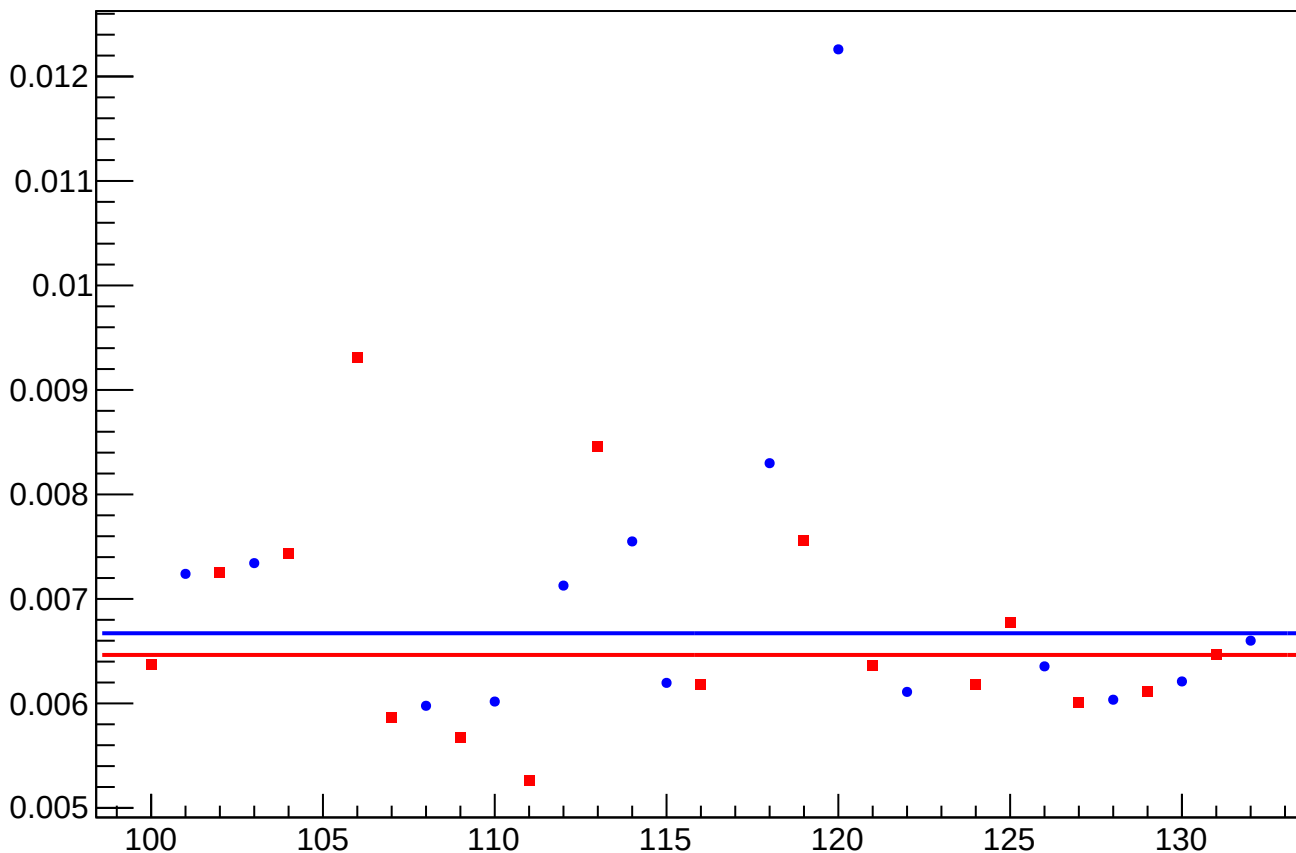
Right: -1.559+/-0.000 χ^2/NDF : 51767628372.9/29

In: -1.504+/-0.000 χ^2/NDF : 22834205048.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.559+/-0.000 χ^2/NDF : 51767628372.9/29

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 216965.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 220636.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

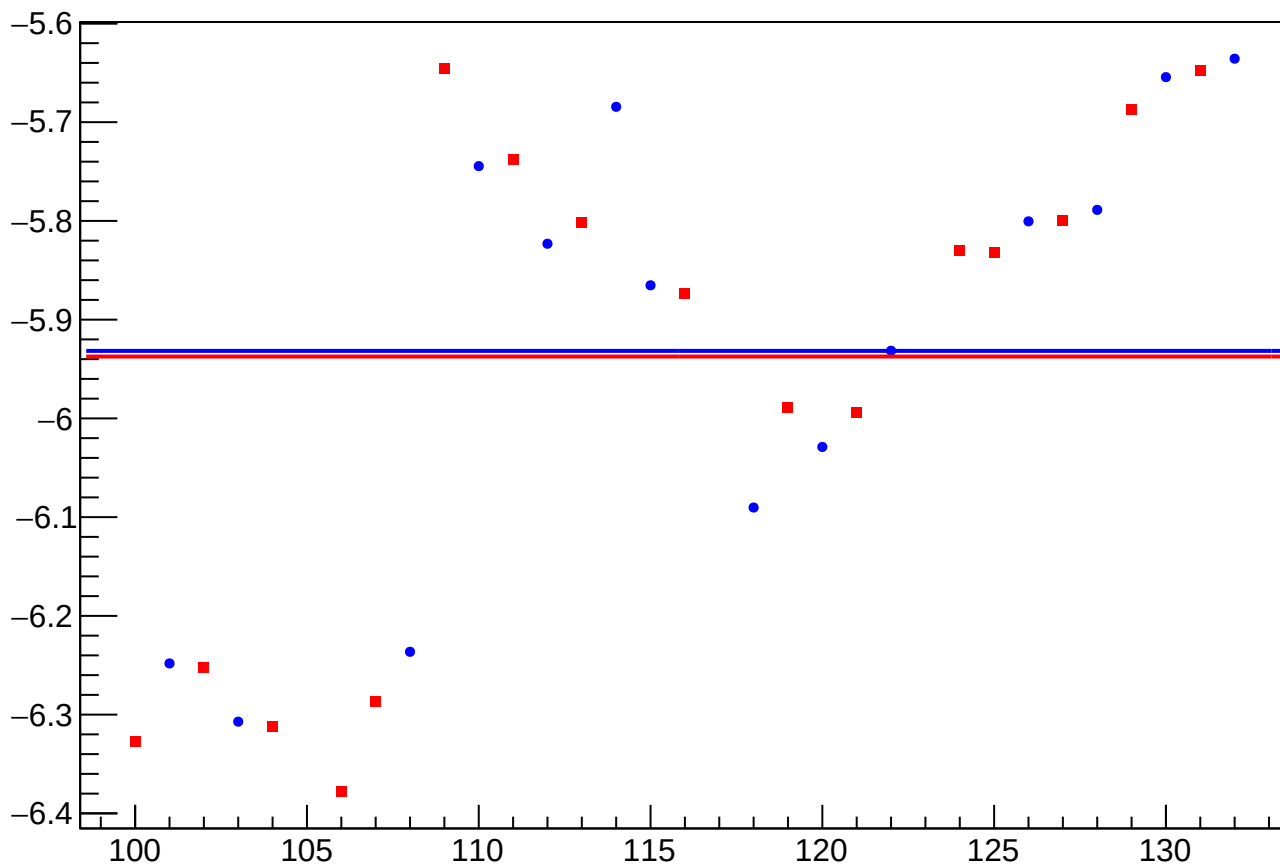
Right: 0.007+/-0.000 χ^2/NDF : 443092.5/29

In: 0.007+/-0.000 χ^2/NDF : 216965.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

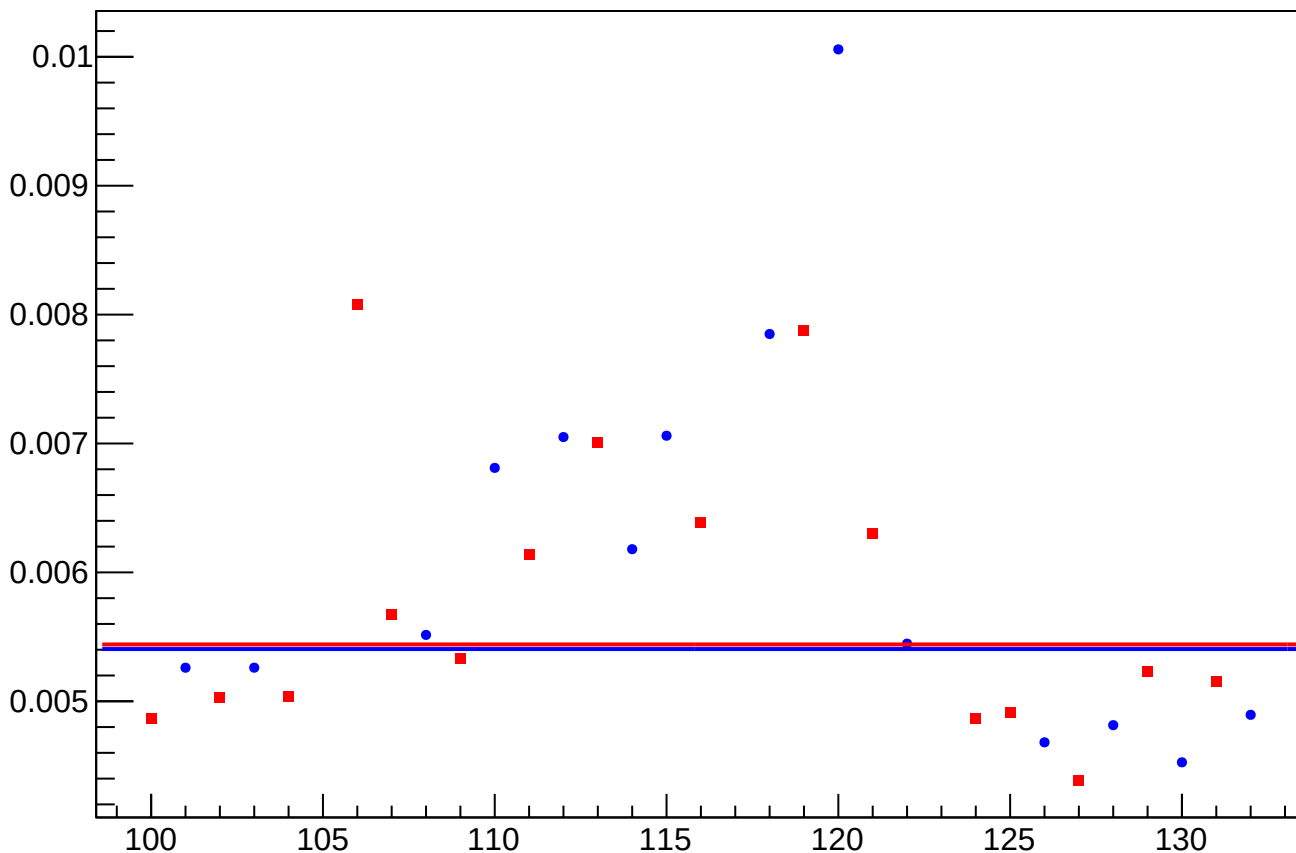
All: 0.007+/-0.000 χ^2/NDF : 443092.5/29

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -5.932+/-0.000 χ^2/NDF : 11167424585.0/13
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -5.937+/-0.000 χ^2/NDF : 12099625768.5/15
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -5.935+/-0.000 χ^2/NDF : 23270034476.6/29

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 379312.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 300862.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

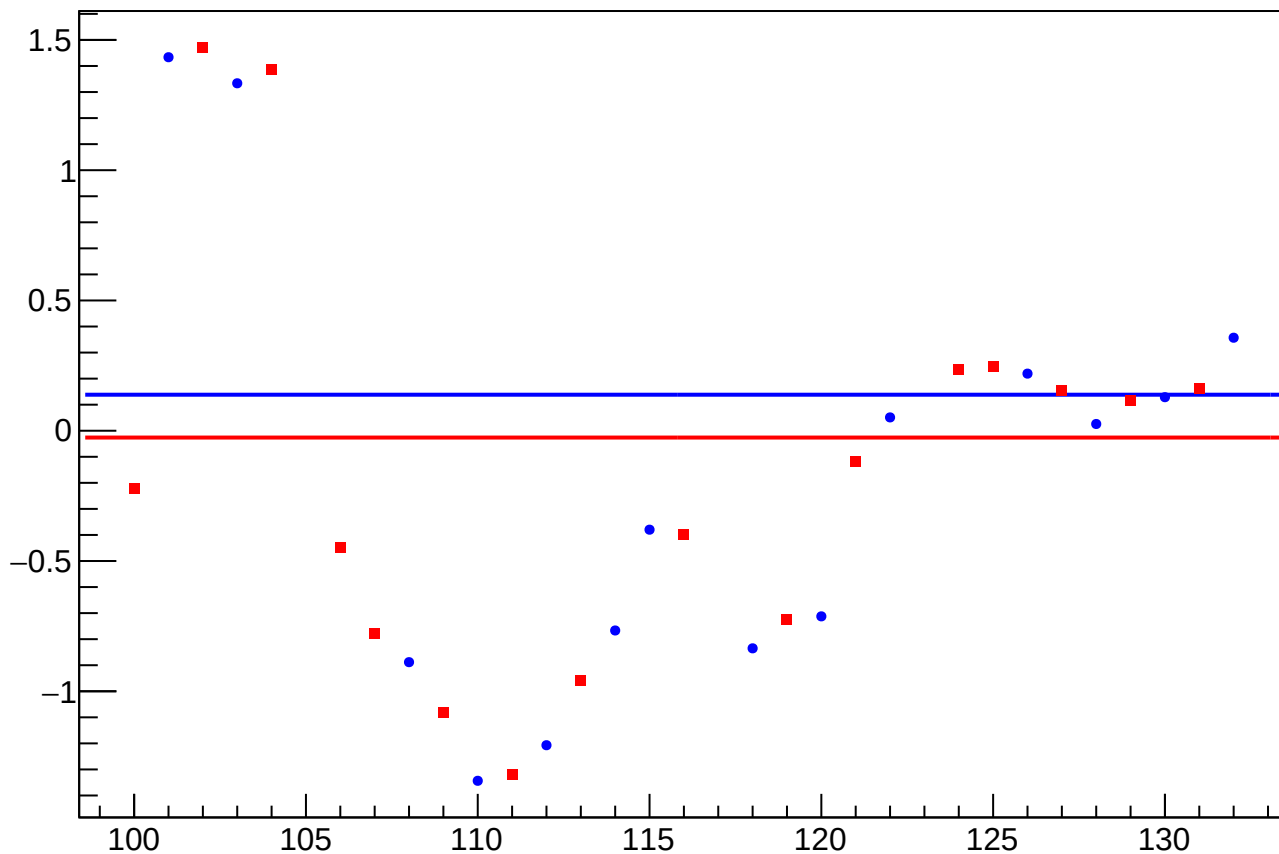
Right: 0.005+/-0.000 χ^2/NDF : 680406.1/29

In: 0.005+/-0.000 χ^2/NDF :379312.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 680406.1/29

yield_bpm0l02X_mean vs Slug, Sign Corrected



Right In: 0.138+/-0.000 χ^2/NDF : 17514788674.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.026+/-0.000 χ^2/NDF : 22080164819.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

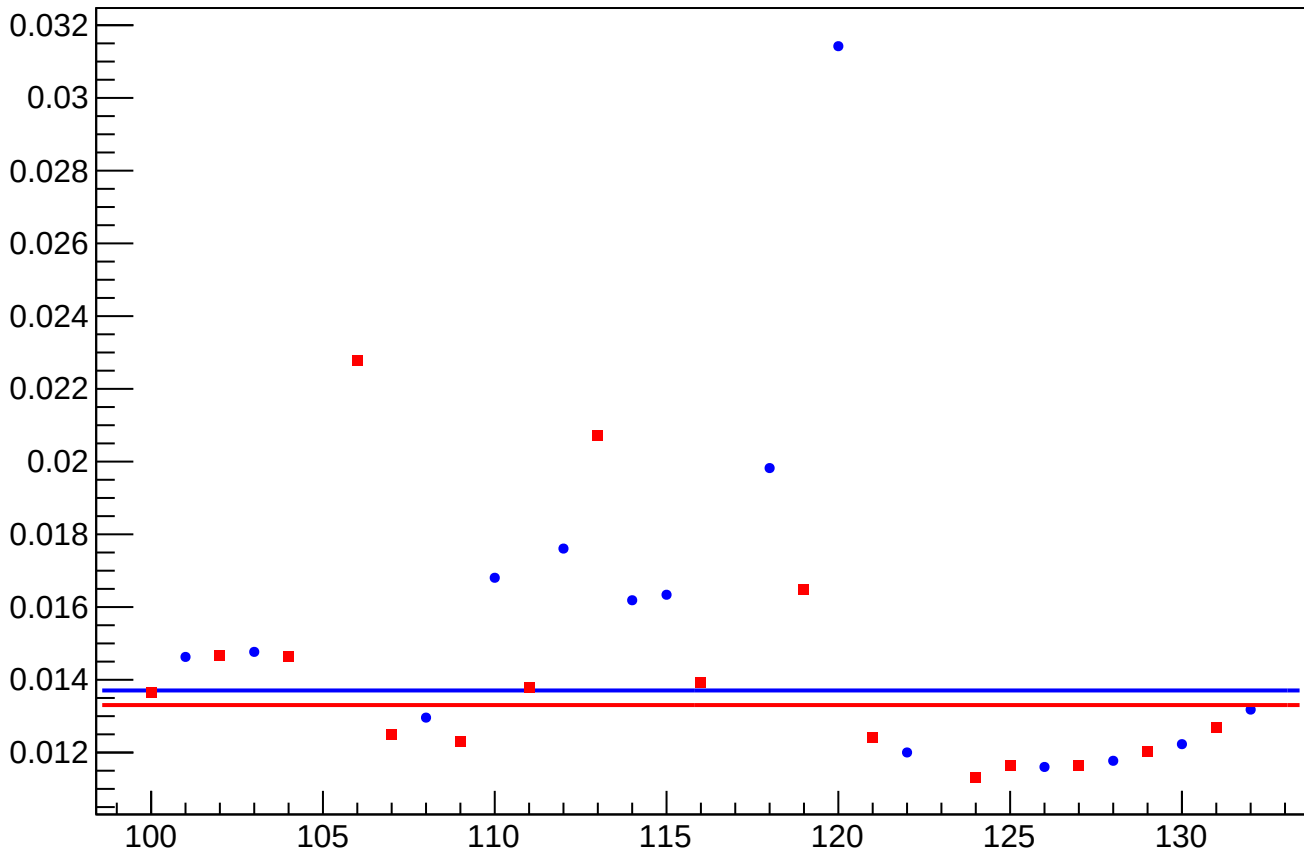
Right: 0.050+/-0.000 χ^2/NDF : 39994725632.0/29

In: 0.138+/-0.000 χ^2/NDF : 17514788674.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.050+/-0.000 χ^2/NDF : 39994725632.0/29

yield_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 411148.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 280331.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

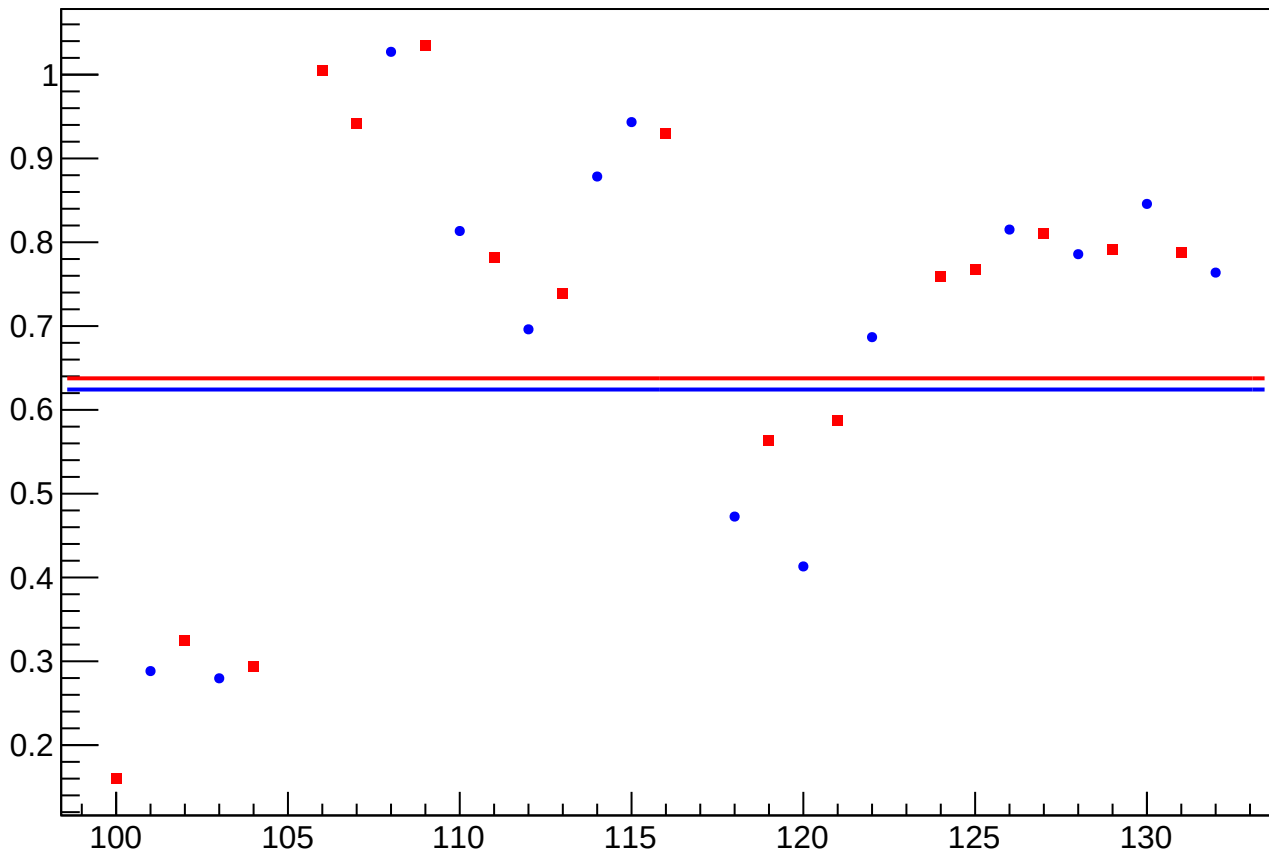
Right: 0.013+/-0.000 χ^2/NDF : 696245.4/29

In: 0.014+/-0.000 χ^2/NDF :411148.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.013+/-0.000 χ^2/NDF : 696245.4/29

yield_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 0.624+/-0.000 χ^2/NDF : 5487287897.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.638+/-0.000 χ^2/NDF : 5902726155.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

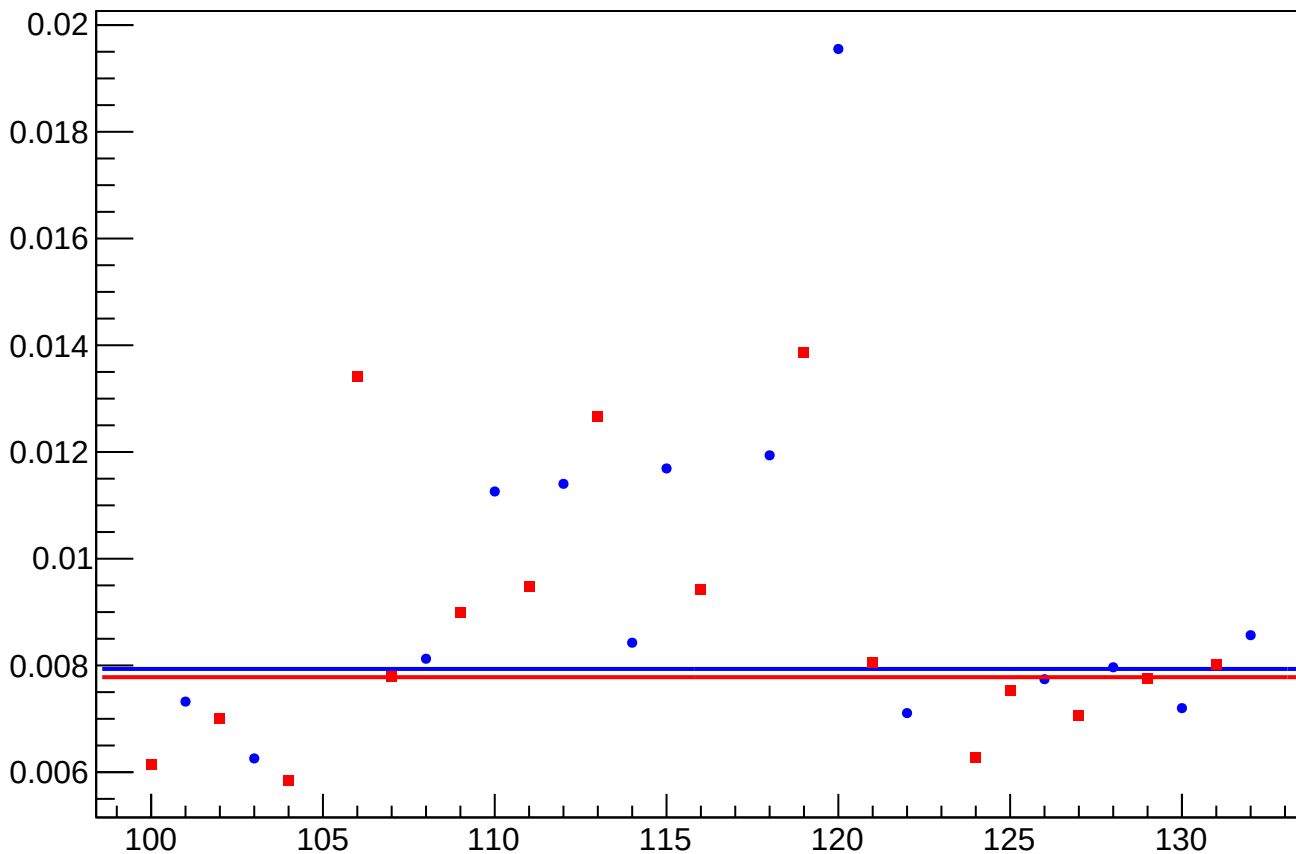
Right: 0.631+/-0.000 χ^2/NDF : 11397579294.2/29

In: 0.624+/-0.000 χ^2/NDF :5487287897.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.631+/-0.000 χ^2/NDF : 11397579294.2/29

yield_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 573868.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 578450.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

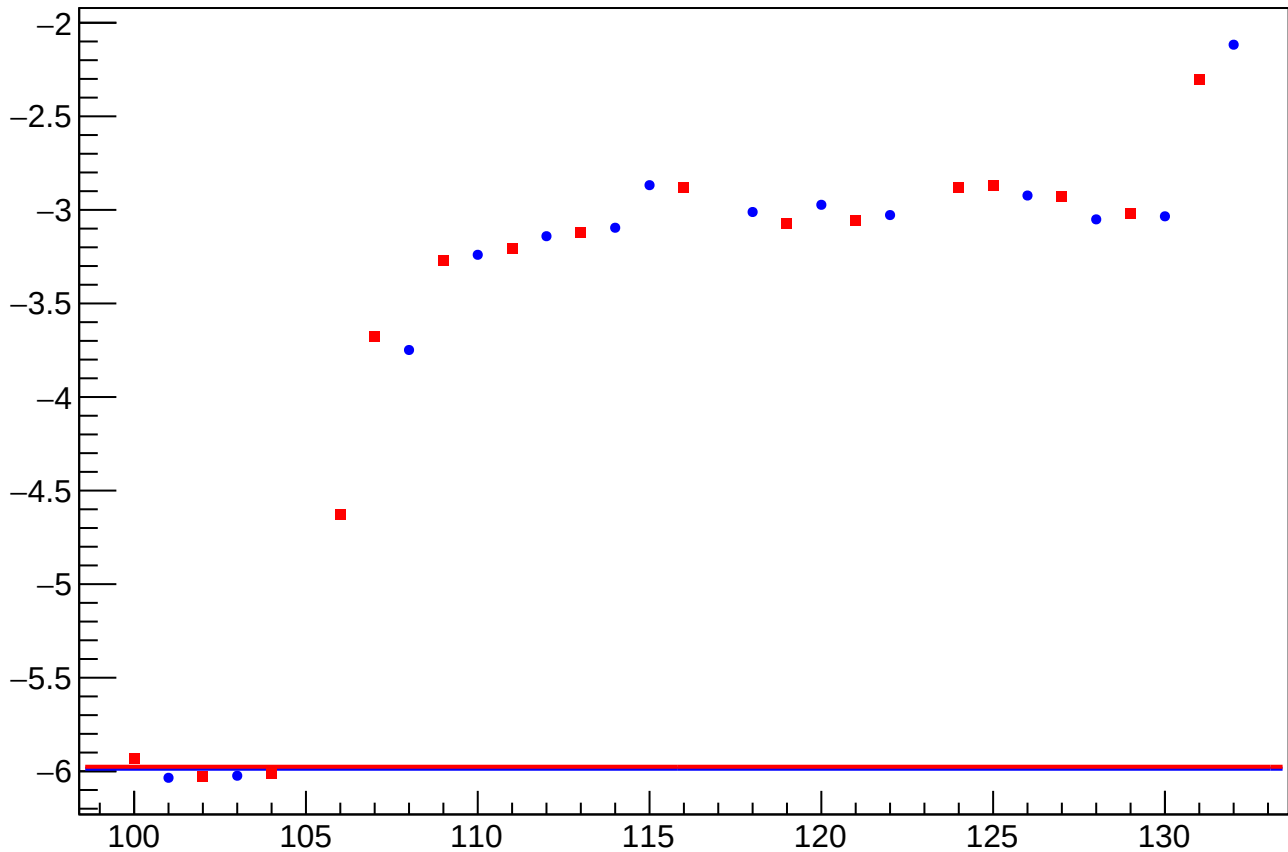
Right: 0.008+/-0.000 χ^2/NDF : 1154338.3/29

In: 0.008+/-0.000 χ^2/NDF :573868.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.000 χ^2/NDF : 1154338.3/29

yield_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -5.986+/-0.000 χ^2/NDF : 6107661984.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.976+/-0.000 χ^2/NDF : 5448649597.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

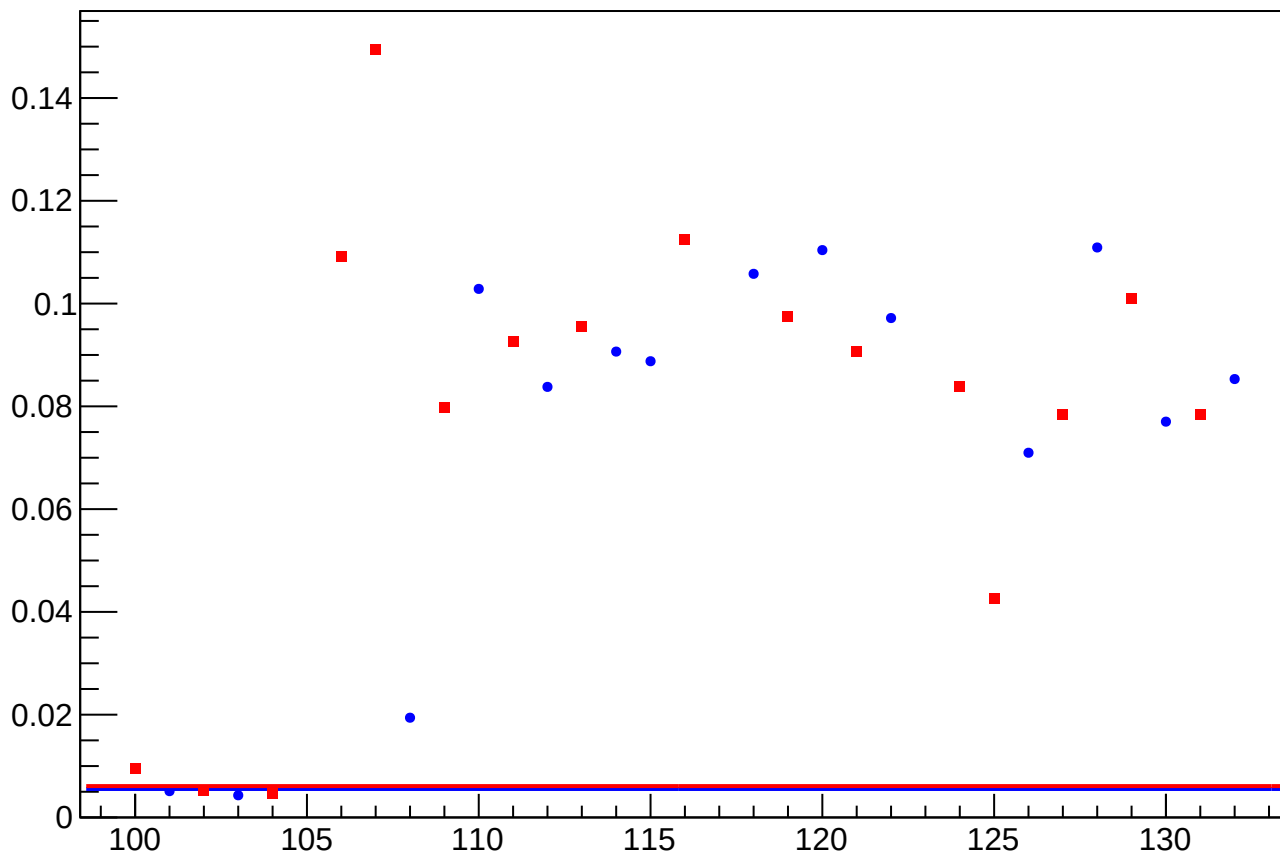
Right: -5.982+/-0.000 χ^2/NDF : 11558959057.8/29

In: -5.986+/-0.000 χ^2/NDF : 6107661984.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.982+/-0.000 χ^2/NDF : 11558959057.8/29

yield_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 7177940.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 7778673.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

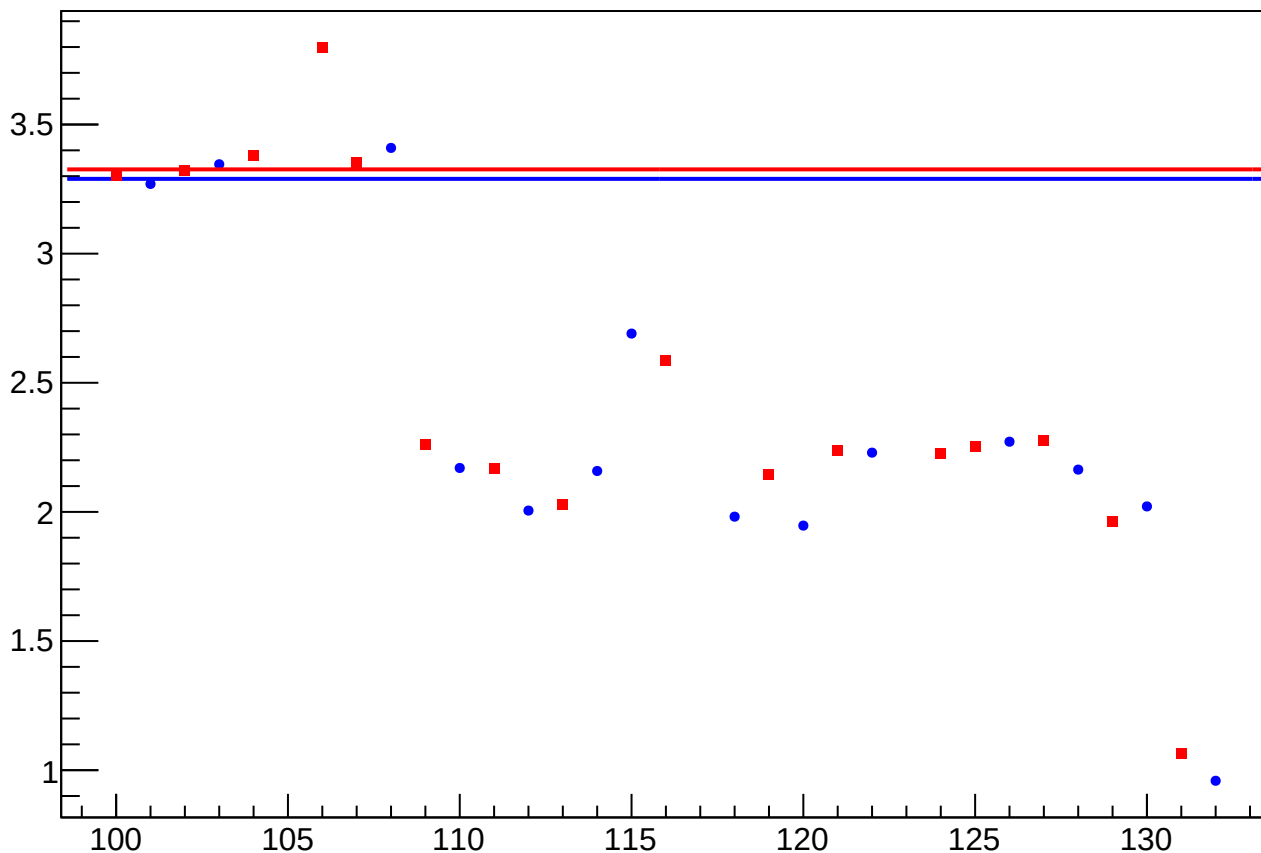
Right: 0.006+/-0.000 χ^2/NDF : 14971030.6/29

In: 0.006+/-0.000 χ^2/NDF :7177940.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 14971030.6/29

yield_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: 3.290+/-0.000 χ^2/NDF : 934627801.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.326+/-0.000 χ^2/NDF : 927596000.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

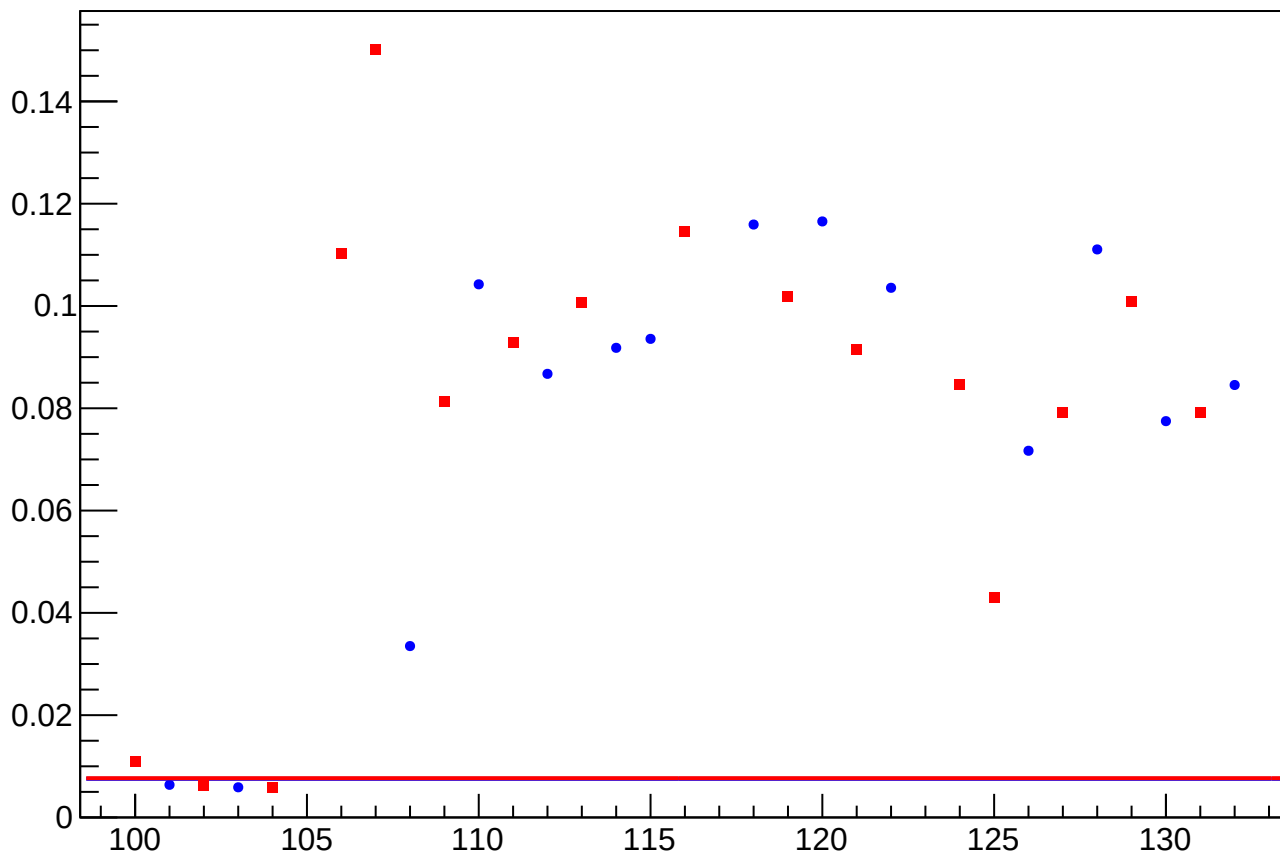
Right: 3.307+/-0.000 χ^2/NDF : 1882255856.4/29

In: 3.290+/-0.000 χ^2/NDF : 934627801.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.307+/-0.000 χ^2/NDF : 1882255856.4/29

yield_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 7034934.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 7538388.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

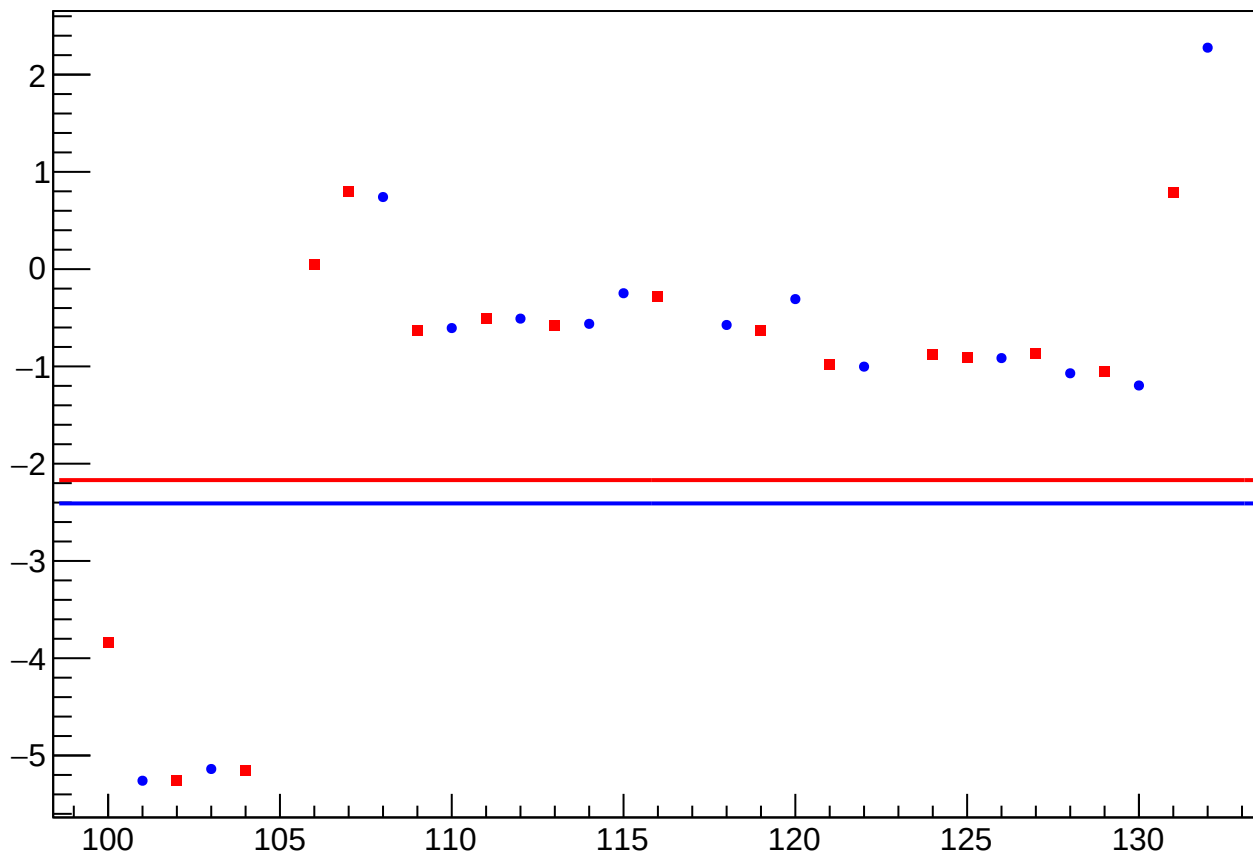
Right: 0.008+/-0.000 χ^2/NDF : 14573764.9/29

In: 0.008+/-0.000 χ^2/NDF :7034934.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.000 χ^2/NDF : 14573764.9/29

yield_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -2.409+/-0.000 χ^2/NDF : 126579395475.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.169+/-0.000 χ^2/NDF : 123248809382.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

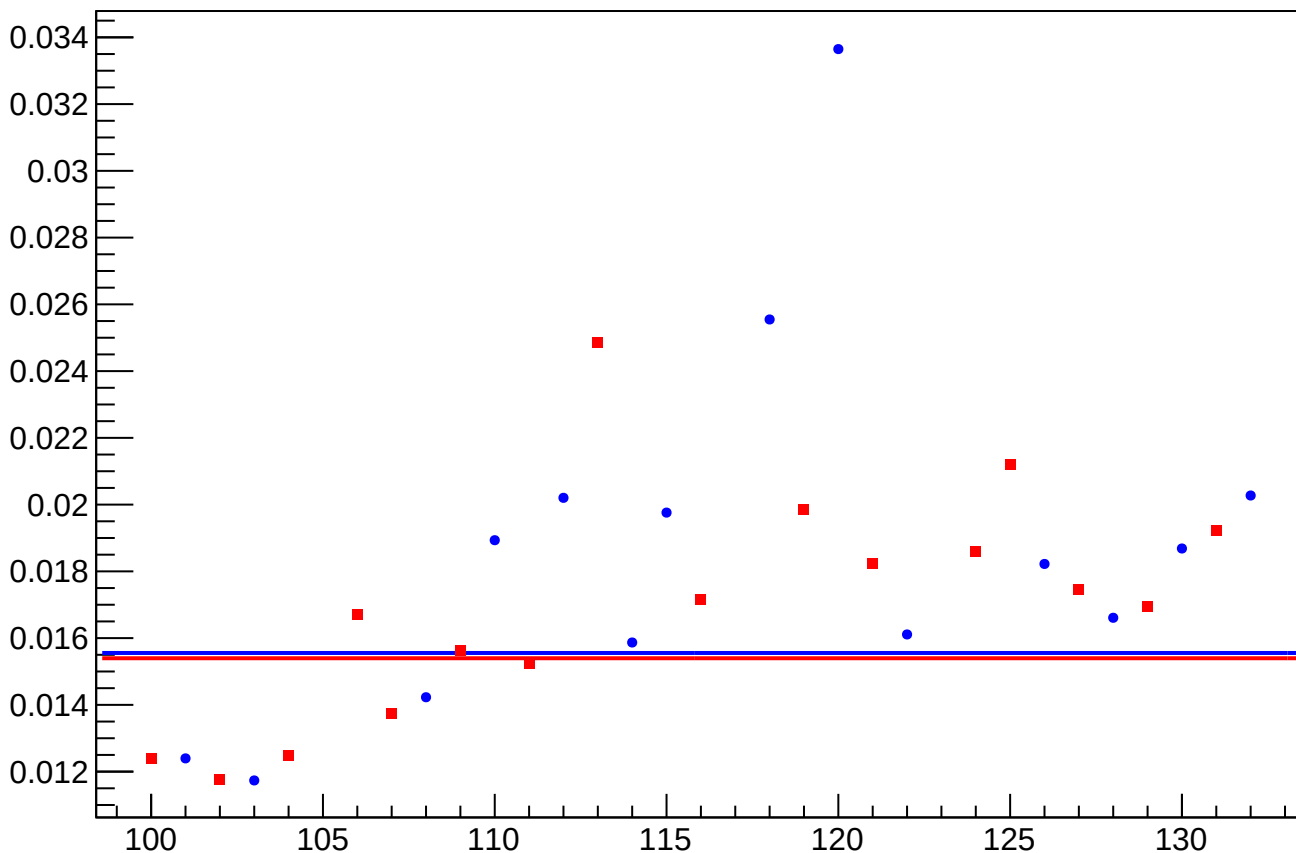
Right: -2.281+/-0.000 χ^2/NDF : 250439866545.0/29

In: -2.409+/-0.000 χ^2/NDF : 126579395475.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.281+/-0.000 χ^2/NDF : 250439866545.0

yield_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 658463.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 460999.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

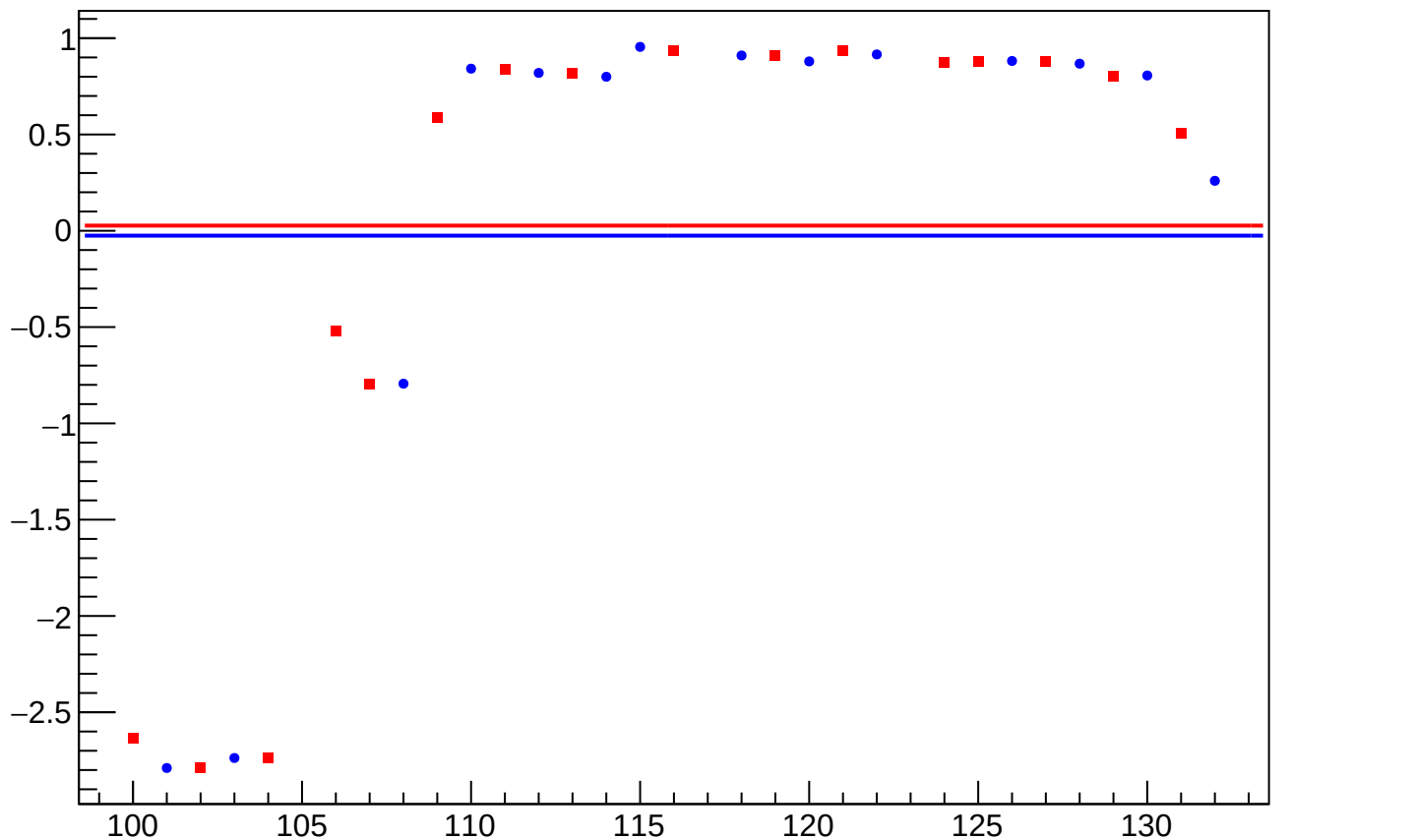
Right: 0.015+/-0.000 χ^2/NDF : 1119993.6/29

In: 0.016+/-0.000 χ^2/NDF :658463.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.000 χ^2/NDF : 1119993.6/29

yield_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -0.025+/-0.000

χ^2/NDF : 843928100339.5/13

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.002+/-0.000

χ^2/NDF : 1775134551612.5/29

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.027+/-0.000

χ^2/NDF : 930600076550.9/15

In: -0.025+/-0.000

χ^2/NDF : 843928100339.5/13

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

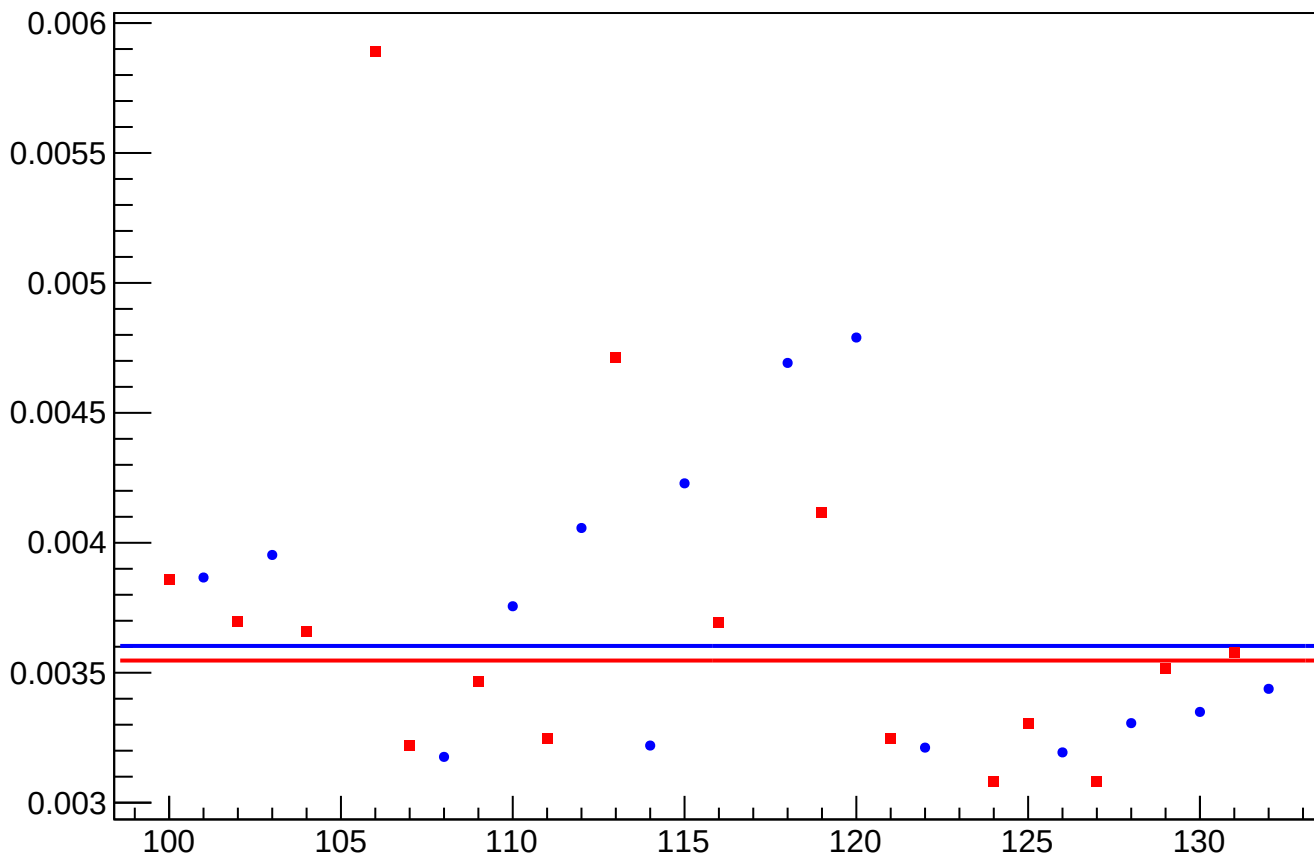
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.002+/-0.000

χ^2/NDF : 1775134551612.5/29

yield_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 179053.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 214210.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

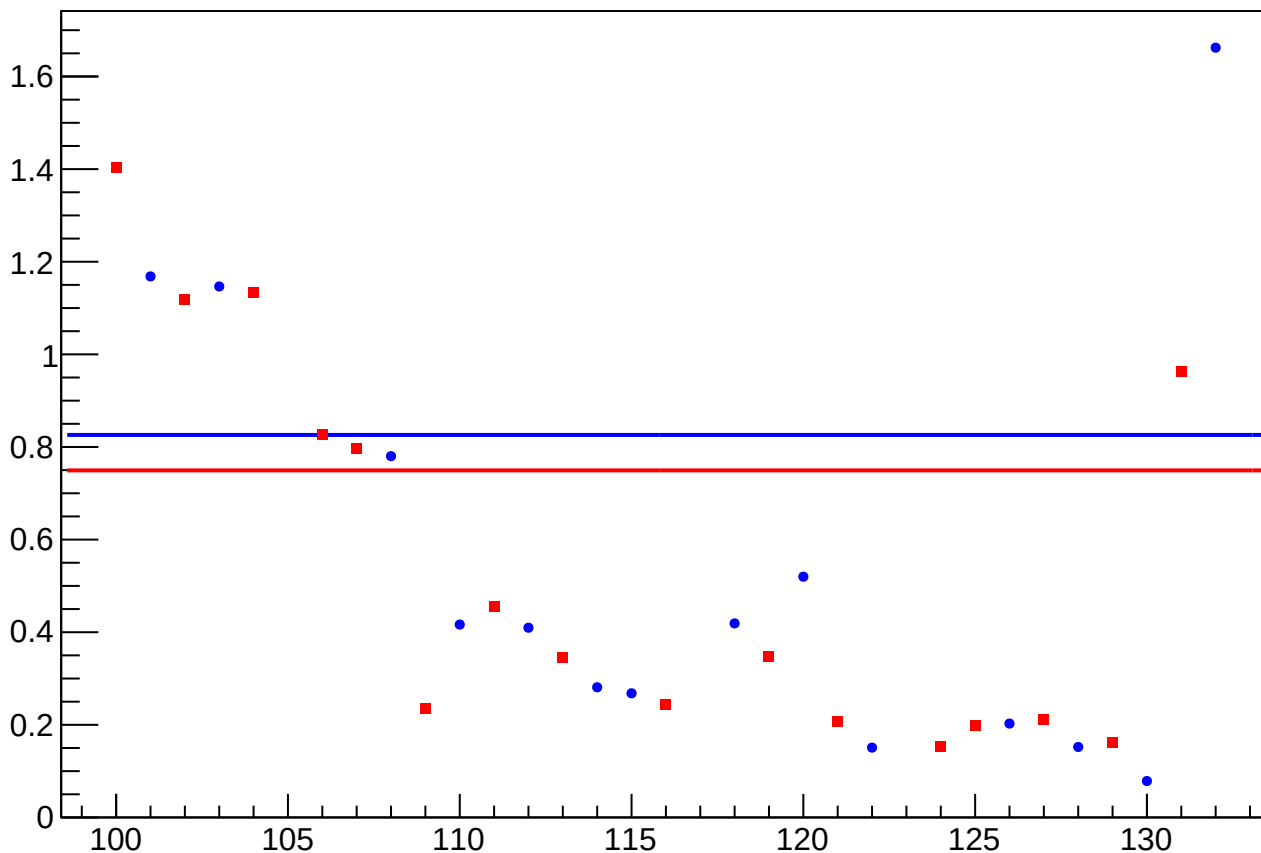
Right: 0.004+/-0.000 χ^2/NDF : 394674.0/29

In: 0.004+/-0.000 χ^2/NDF : 179053.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 394674.0/29

yield_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 0.826+/-0.000 χ^2/NDF : 28148364471.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.749+/-0.000 χ^2/NDF : 24931520284.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

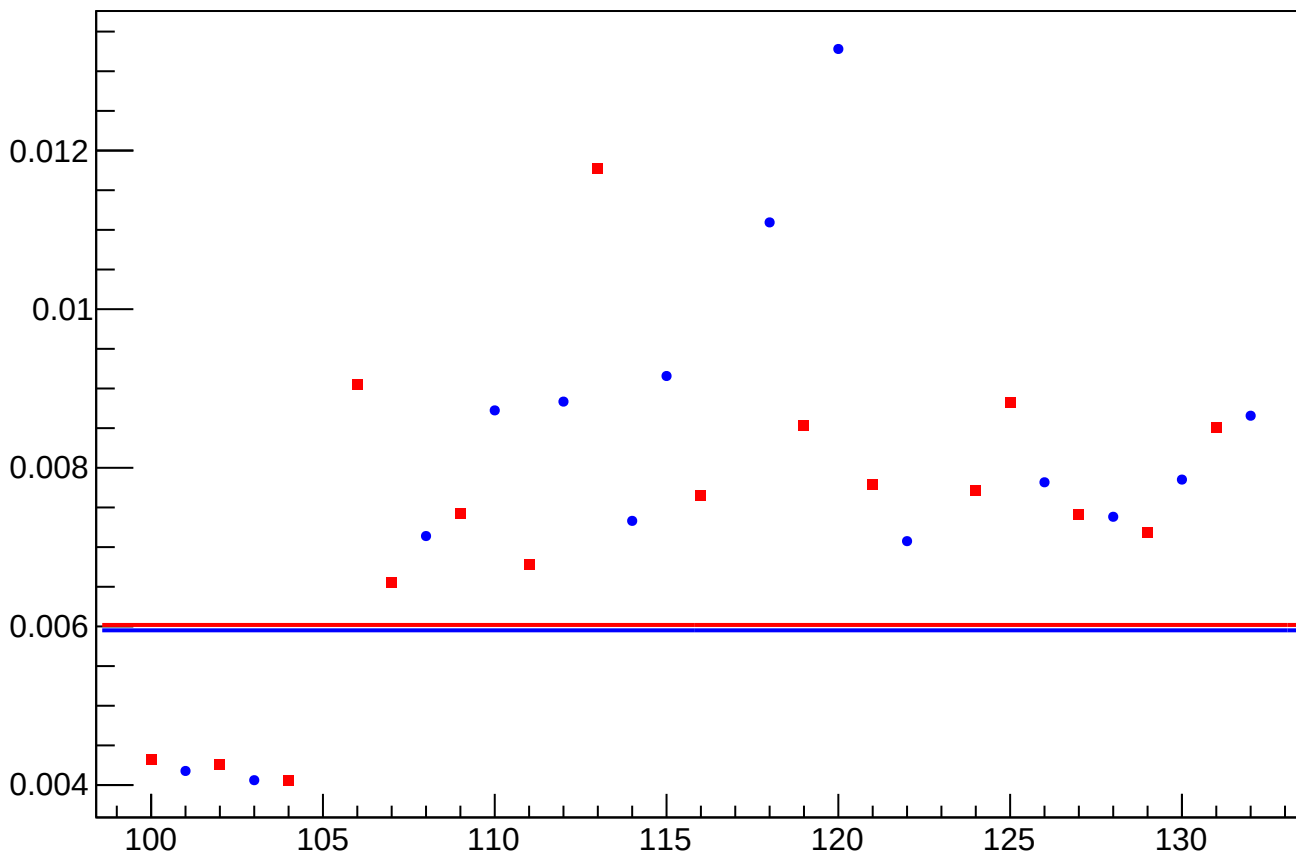
Right: 0.786+/-0.000 χ^2/NDF : 53473178382.1/29

In: 0.826+/-0.000 χ^2/NDF : 28148364471.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.786+/-0.000 χ^2/NDF : 53473178382.1/29

yield_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000

χ^2/NDF : 1258675.4/13

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000

χ^2/NDF : 1055006.8/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.006+/-0.000

χ^2/NDF : 2314300.5/29

In: 0.006+/-0.000

χ^2/NDF : 1258675.4/13

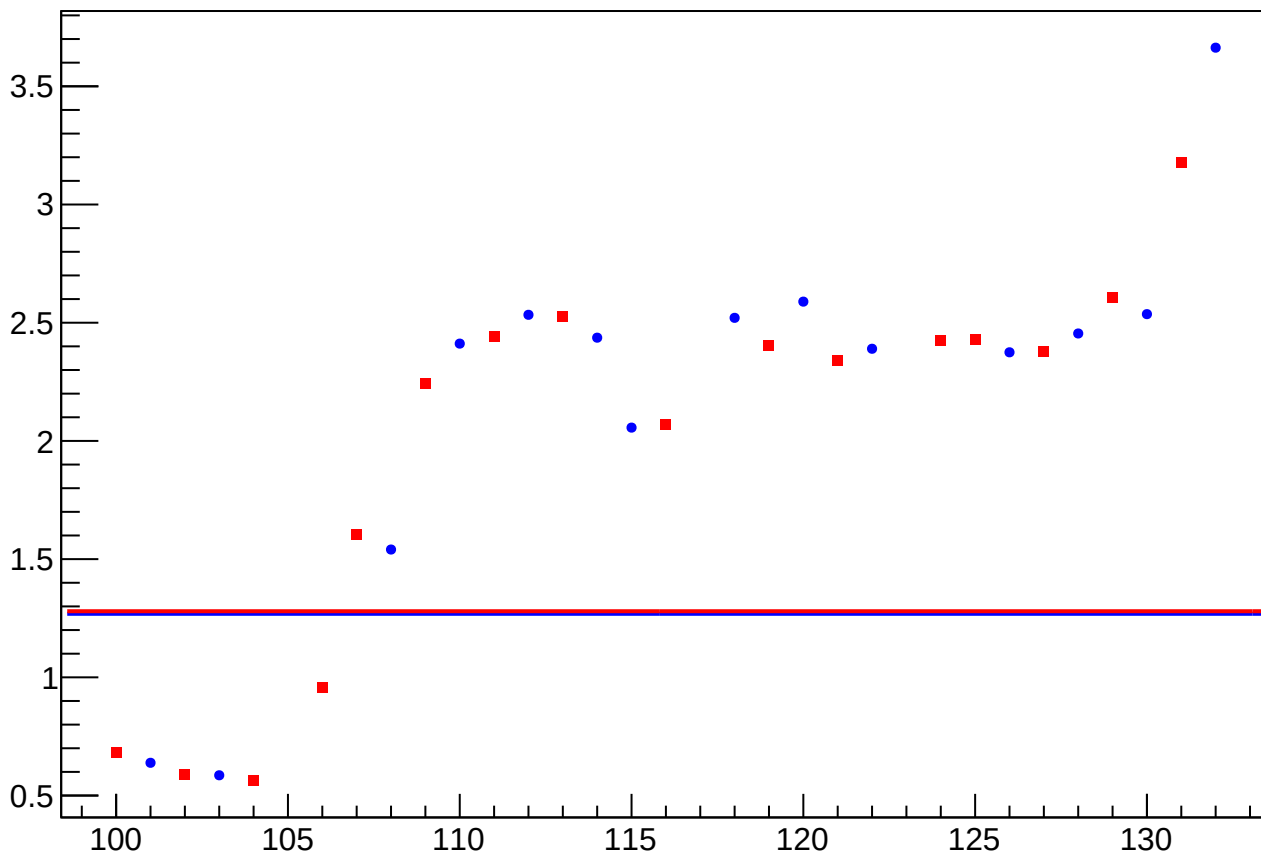
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.006+/-0.000

χ^2/NDF : 2314300.5/29

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 1.269+/-0.000 χ^2/NDF : 118124684229.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.280+/-0.000 χ^2/NDF : 117508628750.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

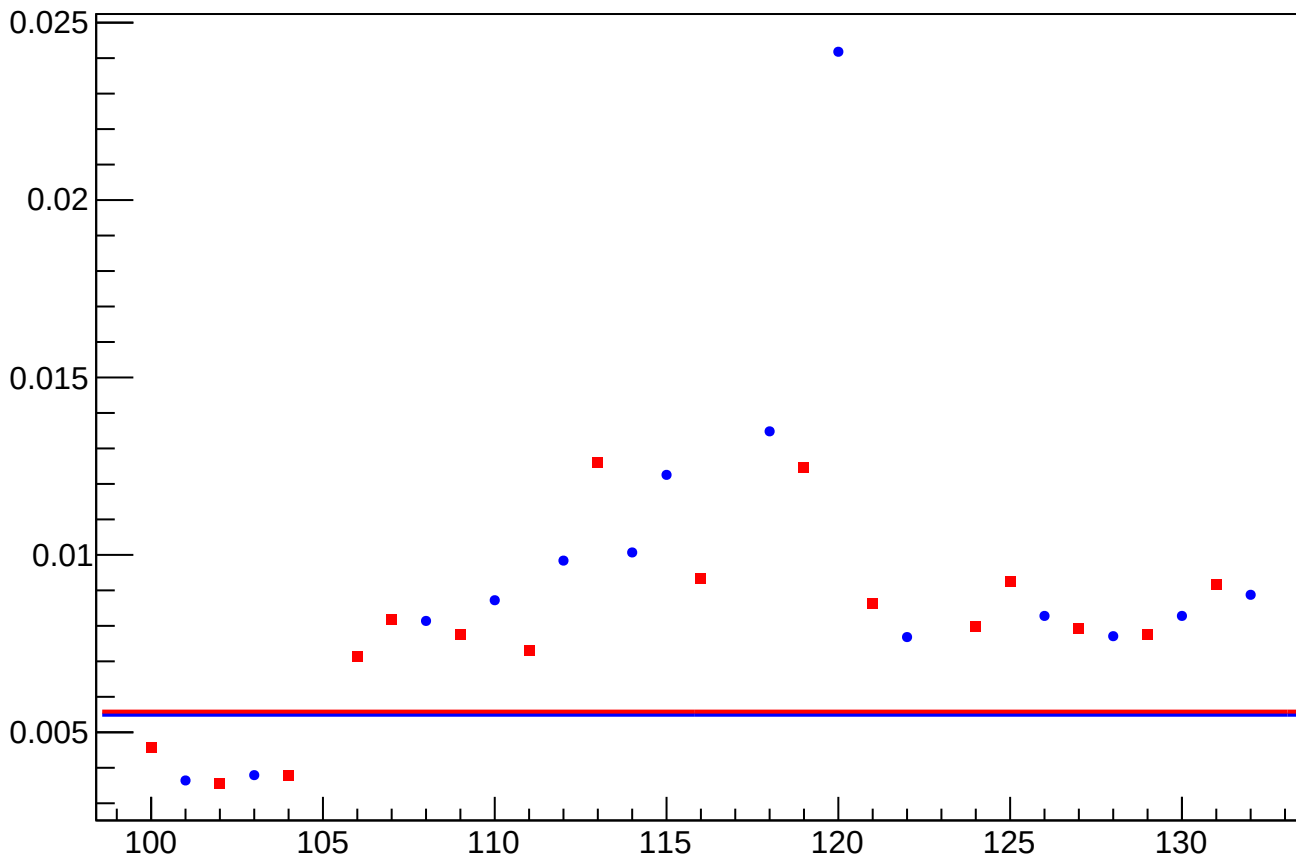
Right: 1.274+/-0.000 χ^2/NDF : 235641607024.9/29

In: 1.269+/-0.000 χ^2/NDF : 118124684229.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.274+/-0.000 χ^2/NDF : 235641607024.9

yield_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1973841.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1780535.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

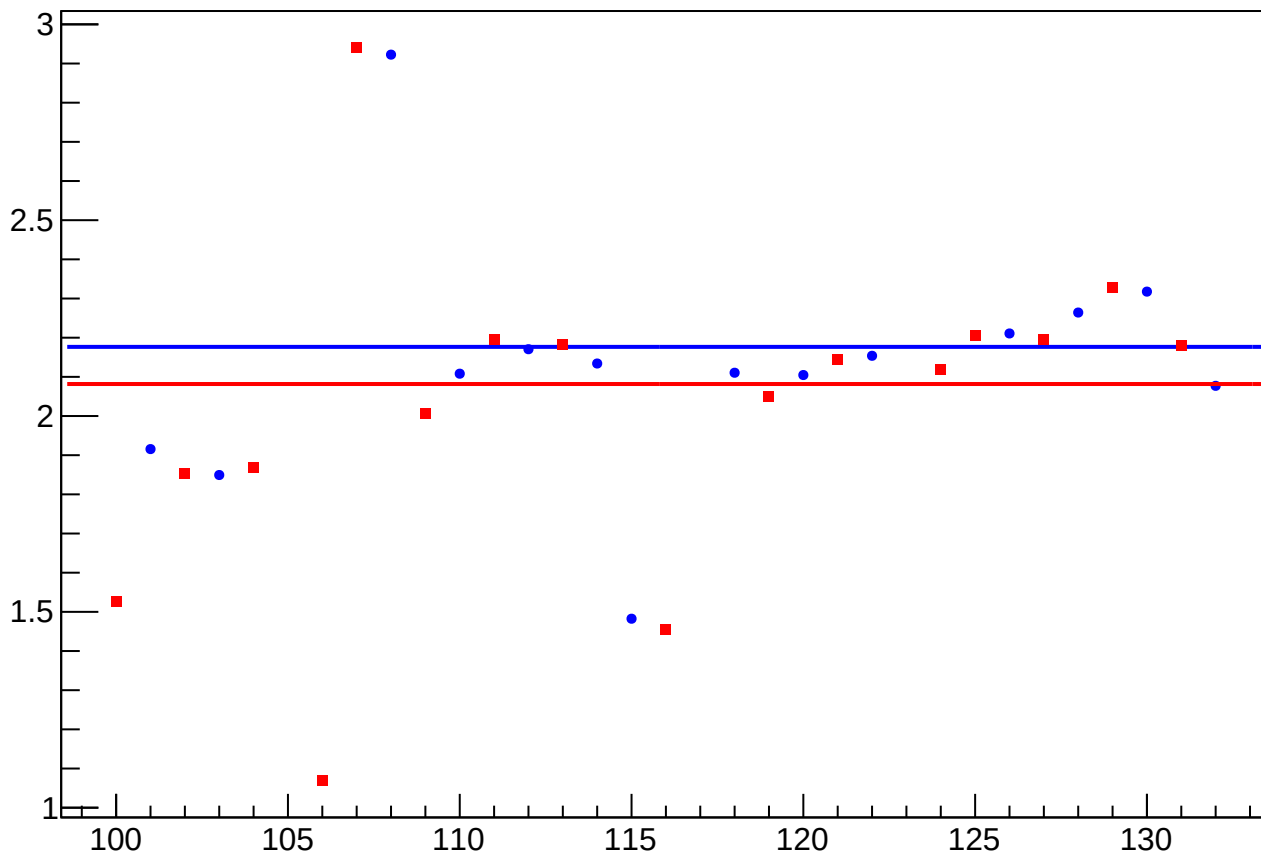
Right: 0.006+/-0.000 χ^2/NDF : 3755462.0/29

In: 0.005+/-0.000 χ^2/NDF : 1973841.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 3755462.0/29

yield_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 2.177+/-0.000

χ^2/NDF : 9560991149.0/13

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 2.127+/-0.000 χ^2/NDF : 24776542847.5/29

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 2.177+/-0.000 χ^2/NDF : 9560991149.0/13

Right Out: 2.082+/-0.000

χ^2/NDF : 14641118835.4/15

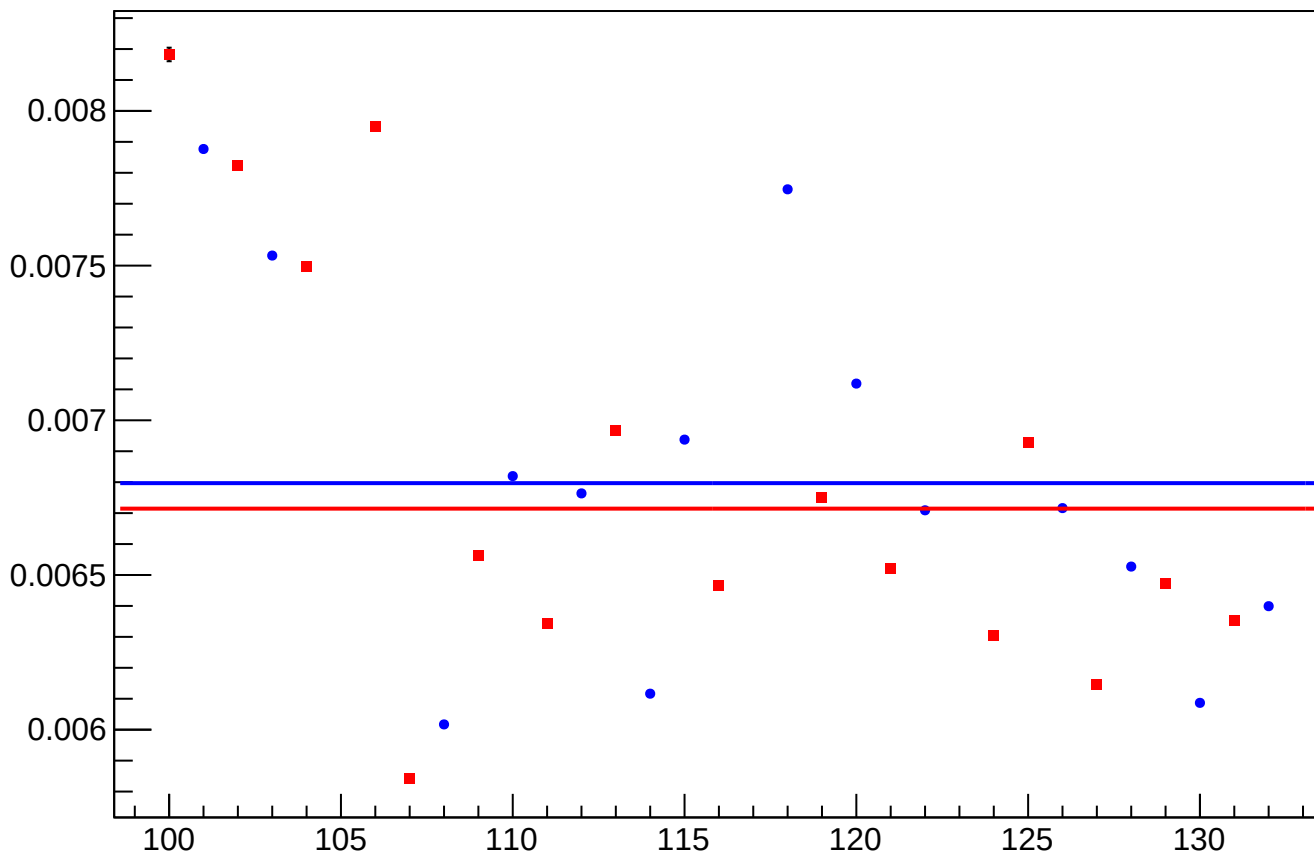
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 2.127+/-0.000 χ^2/NDF : 24776542847.5/29

yield_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 85677.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 84335.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

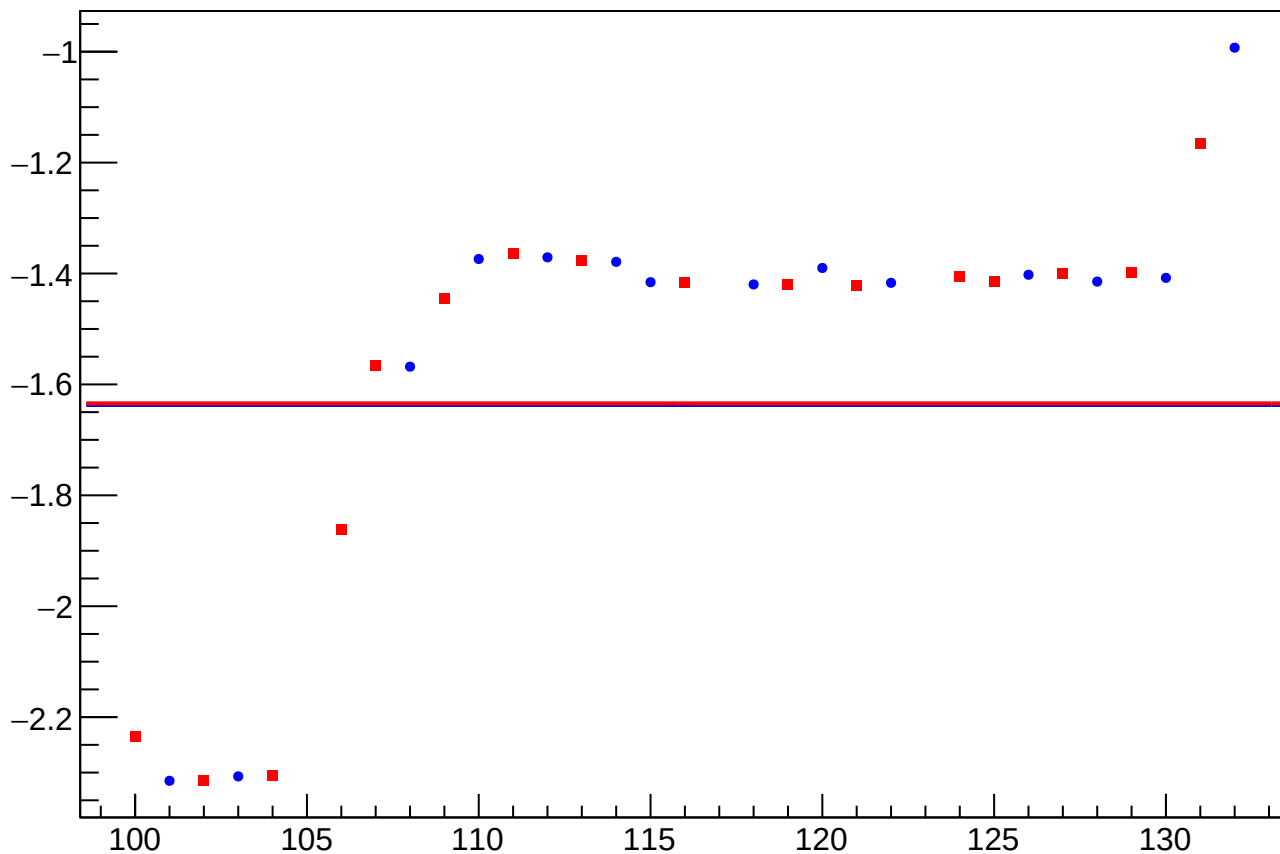
Right: 0.007+/-0.000 χ^2/NDF : 170880.0/29

In: 0.007+/-0.000 χ^2/NDF :85677.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 170880.0/29

yield_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -1.637+/-0.000 χ^2/NDF : 141366821495.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.634+/-0.000 χ^2/NDF : 131669546887.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

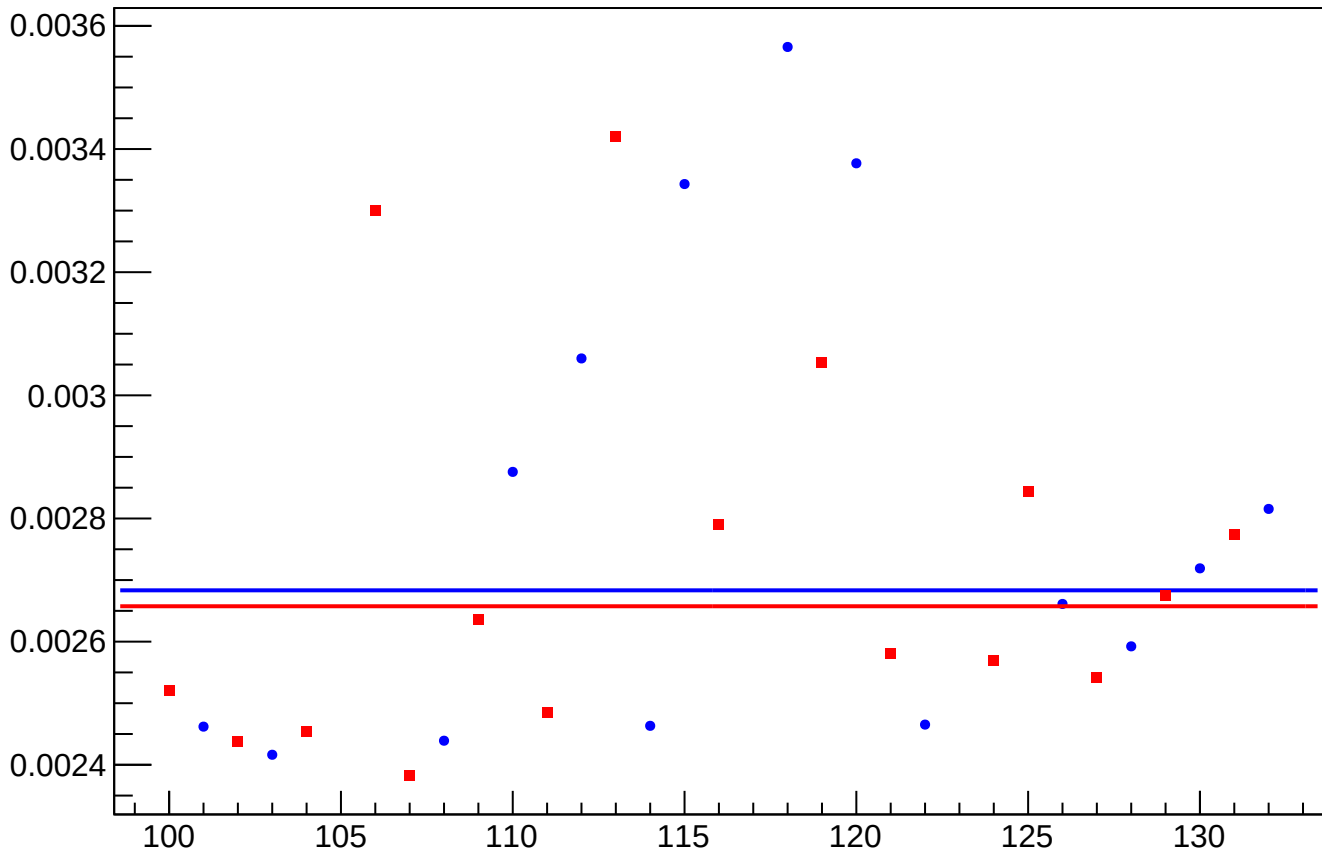
Right: -1.636+/-0.000 χ^2/NDF : 273039802559.6/29

In: -1.637+/-0.000 χ^2/NDF :141366821495.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.636+/-0.000 χ^2/NDF : 273039802559.6/29

yield_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 153777.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 115060.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

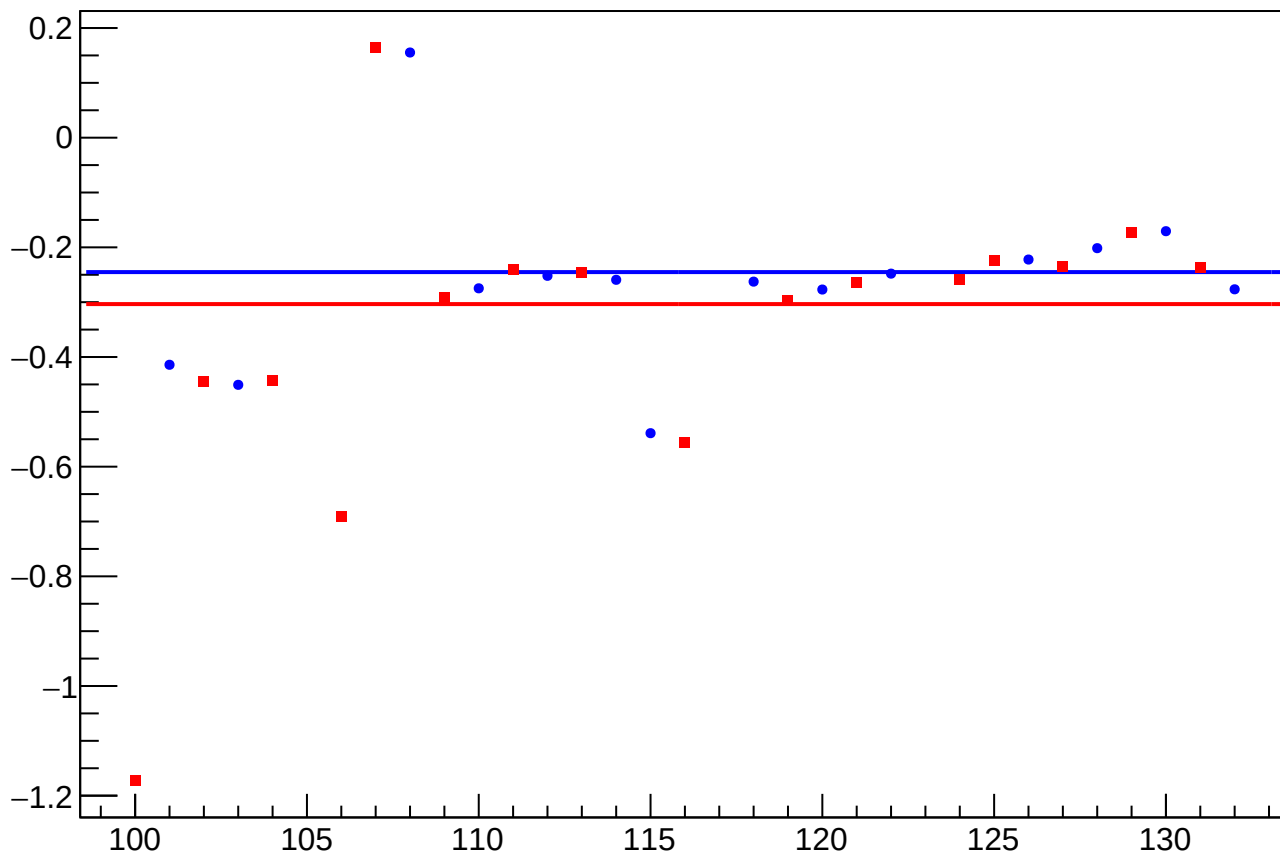
Right: 0.003+/-0.000 χ^2/NDF : 269373.8/29

In: 0.003+/-0.000 χ^2/NDF :153777.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 269373.8/29

yield_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -0.245+/-0.000 χ^2/NDF : 992569719.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.303+/-0.000 χ^2/NDF : 1712917654.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

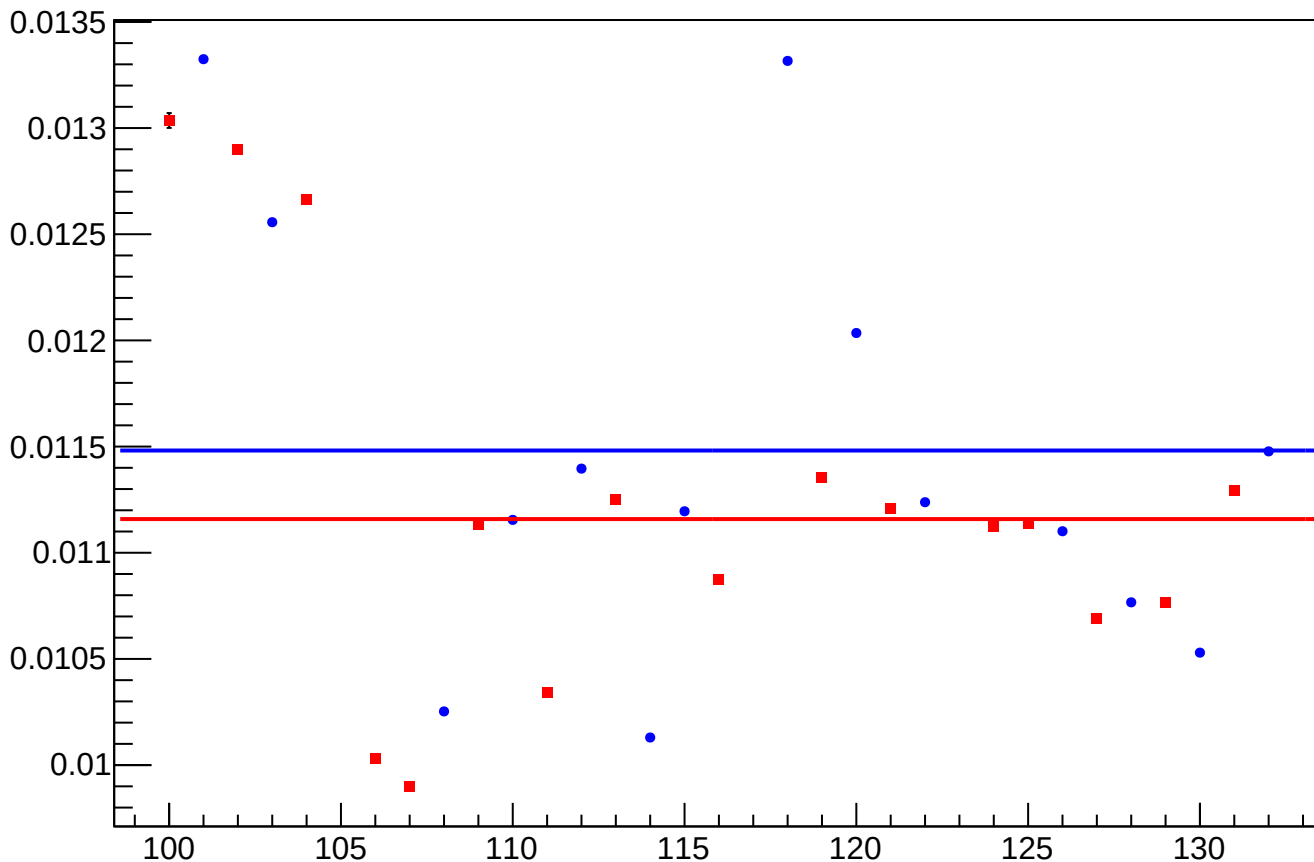
Right: -0.276+/-0.000 χ^2/NDF : 2784307002.2/29

In: -0.245+/-0.000 χ^2/NDF :992569719.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.276+/-0.000 χ^2/NDF : 2784307002.2/29

yield_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 83584.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 64808.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

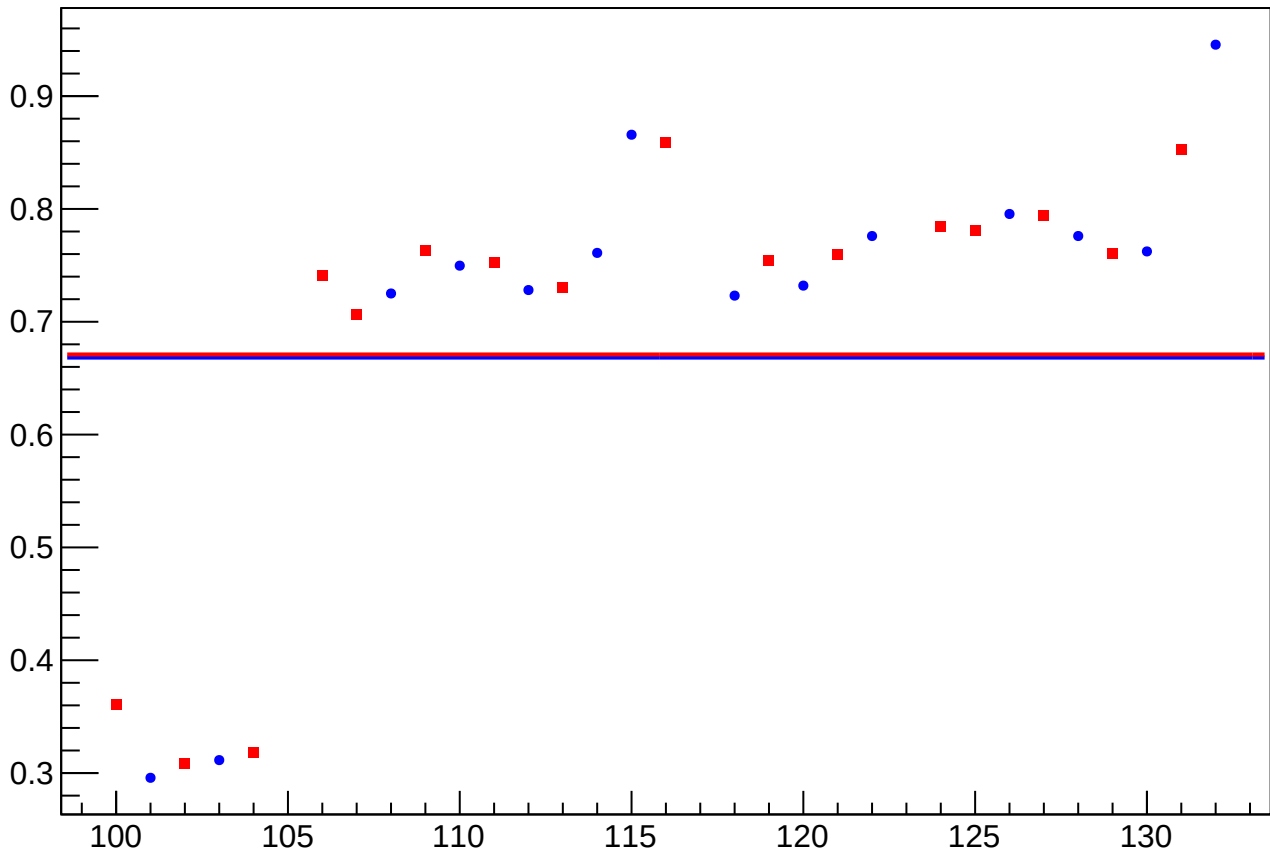
Right: 0.011+/-0.000 χ^2/NDF : 153217.7/29

In: 0.011+/-0.000 χ^2/NDF :83584.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 153217.7/29

yield_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: 0.668+/-0.000 χ^2/NDF : 40275924748.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.671+/-0.000 χ^2/NDF : 35059241544.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

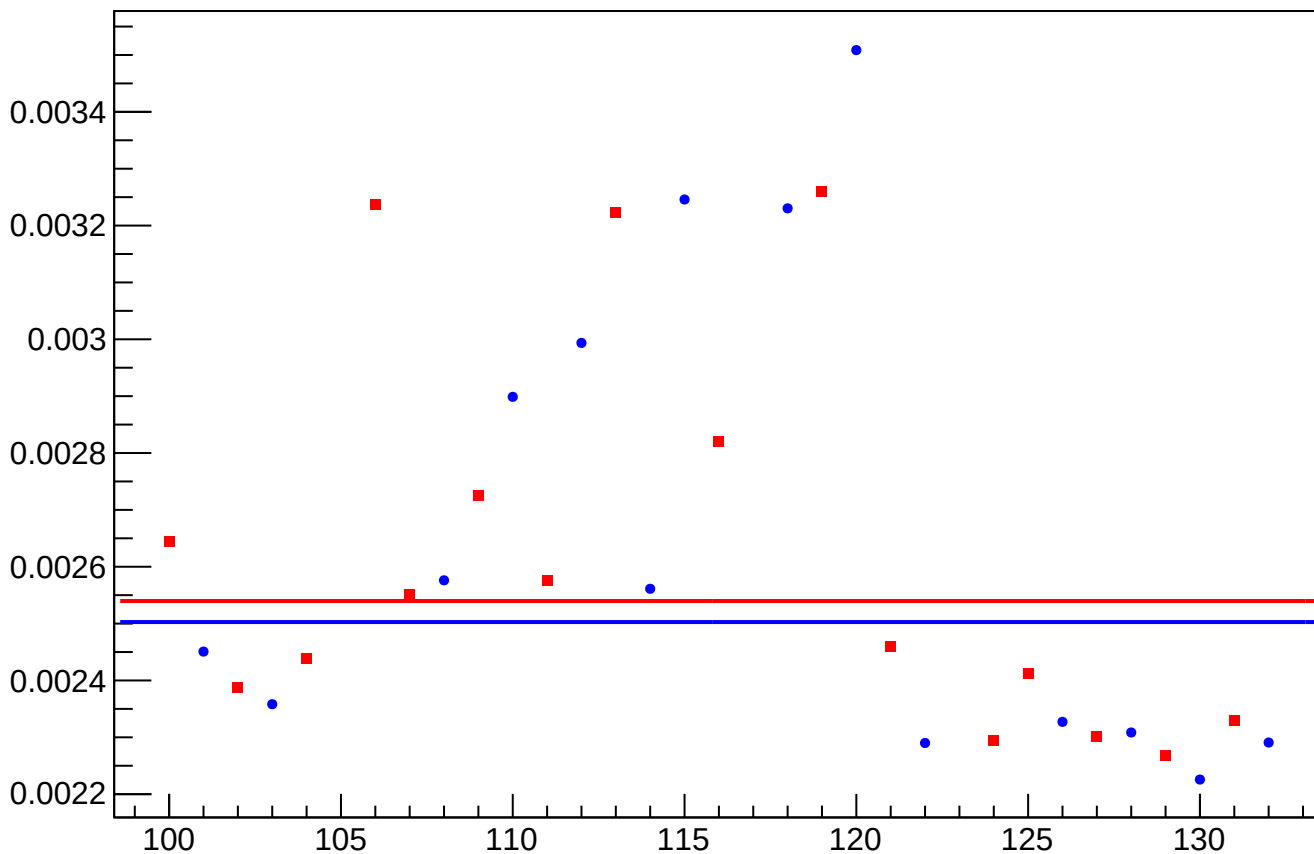
Right: 0.670+/-0.000 χ^2/NDF : 75338661869.1/29

In: 0.668+/-0.000 χ^2/NDF : 40275924748.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.670+/-0.000 χ^2/NDF : 75338661869.1/29

yield_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 199384.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 161745.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

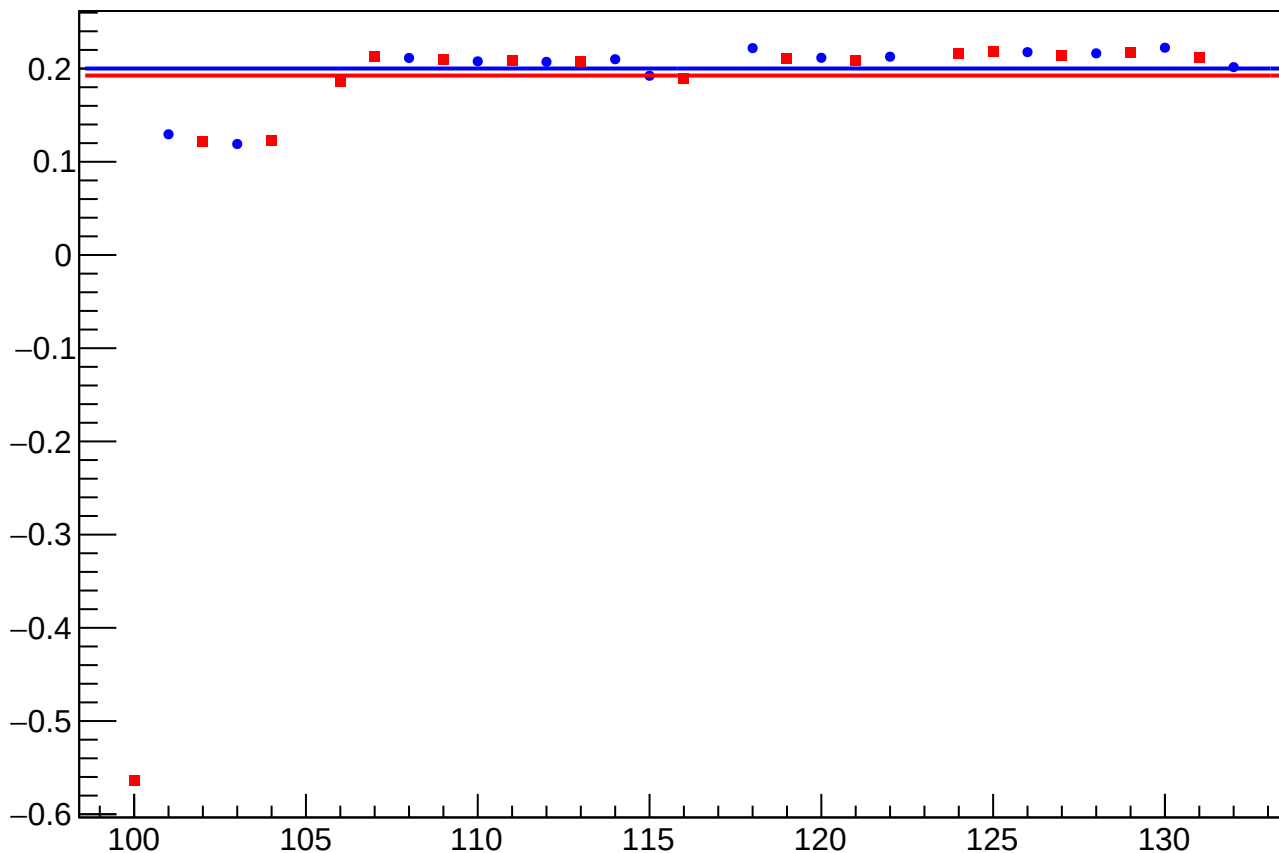
Right: 0.003+/-0.000 χ^2/NDF : 362370.7/29

In: 0.003+/-0.000 χ^2/NDF :199384.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 362370.7/29

yield_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 0.200+/-0.000 χ^2/NDF : 58785037.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.193+/-0.000 χ^2/NDF : 347912164.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

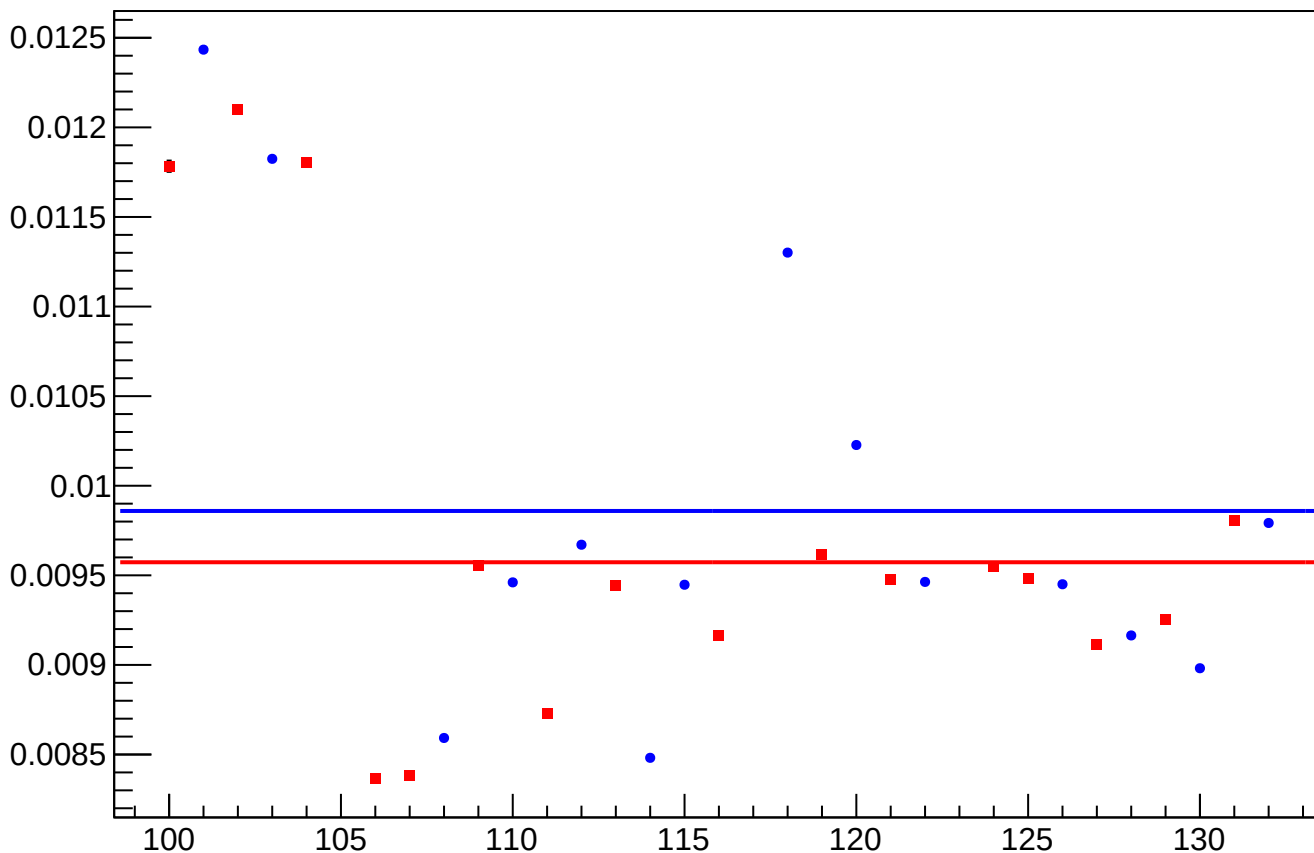
Right: 0.196+/-0.000 χ^2/NDF : 408468930.1/29

In: 0.200+/-0.000 χ^2/NDF : 58785037.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.196+/-0.000 χ^2/NDF : 408468930.1/29

yield_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 147607.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 131409.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

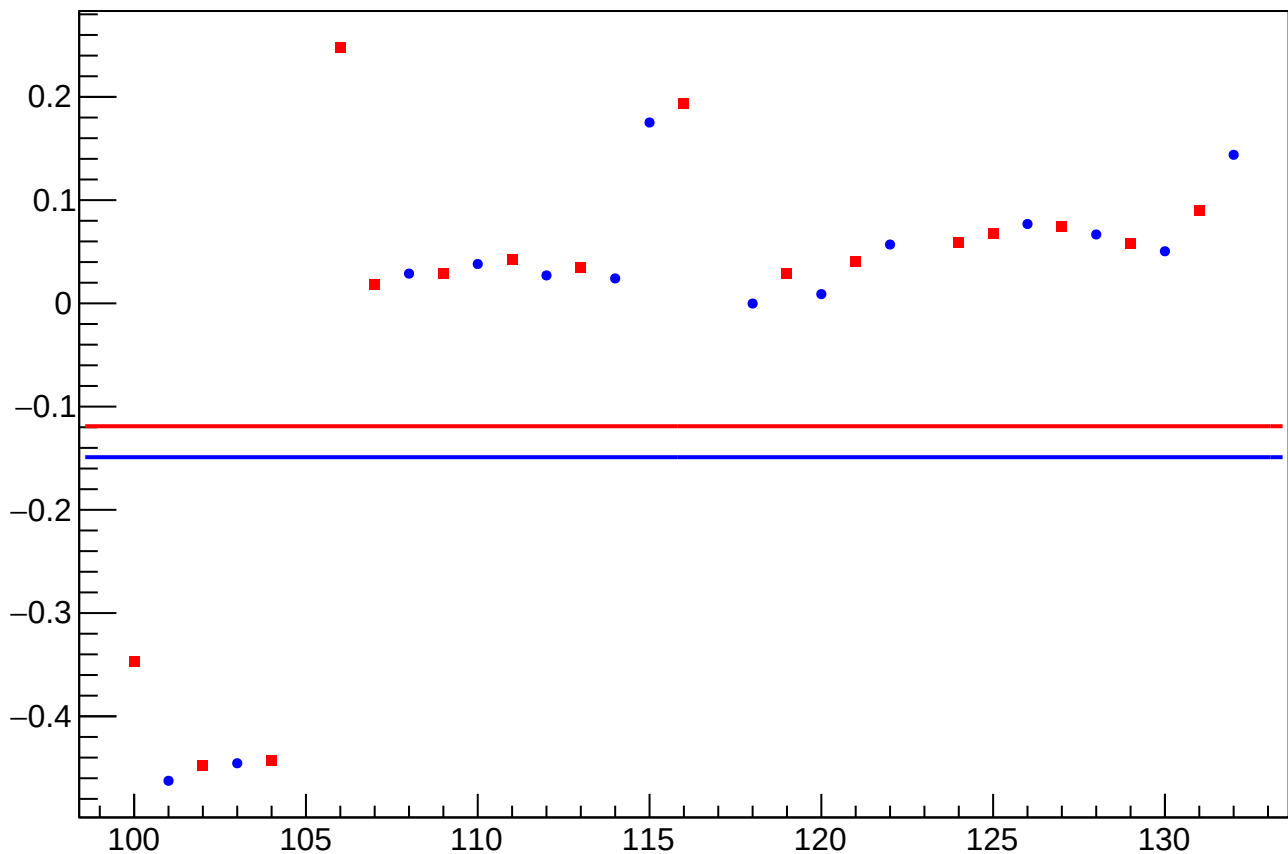
Right: 0.010+/-0.000 χ^2/NDF : 284122.8/29

In: 0.010+/-0.000 χ^2/NDF :147607.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.010+/-0.000 χ^2/NDF : 284122.8/29

yield_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -0.149+/-0.000

χ^2/NDF : 14884413601.8/13

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: -0.119+/-0.000

χ^2/NDF : 15246359471.1/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: -0.134+/-0.000

χ^2/NDF : 30242197699.4/29

In: -0.149+/-0.000

χ^2/NDF : 14884413601.8/13

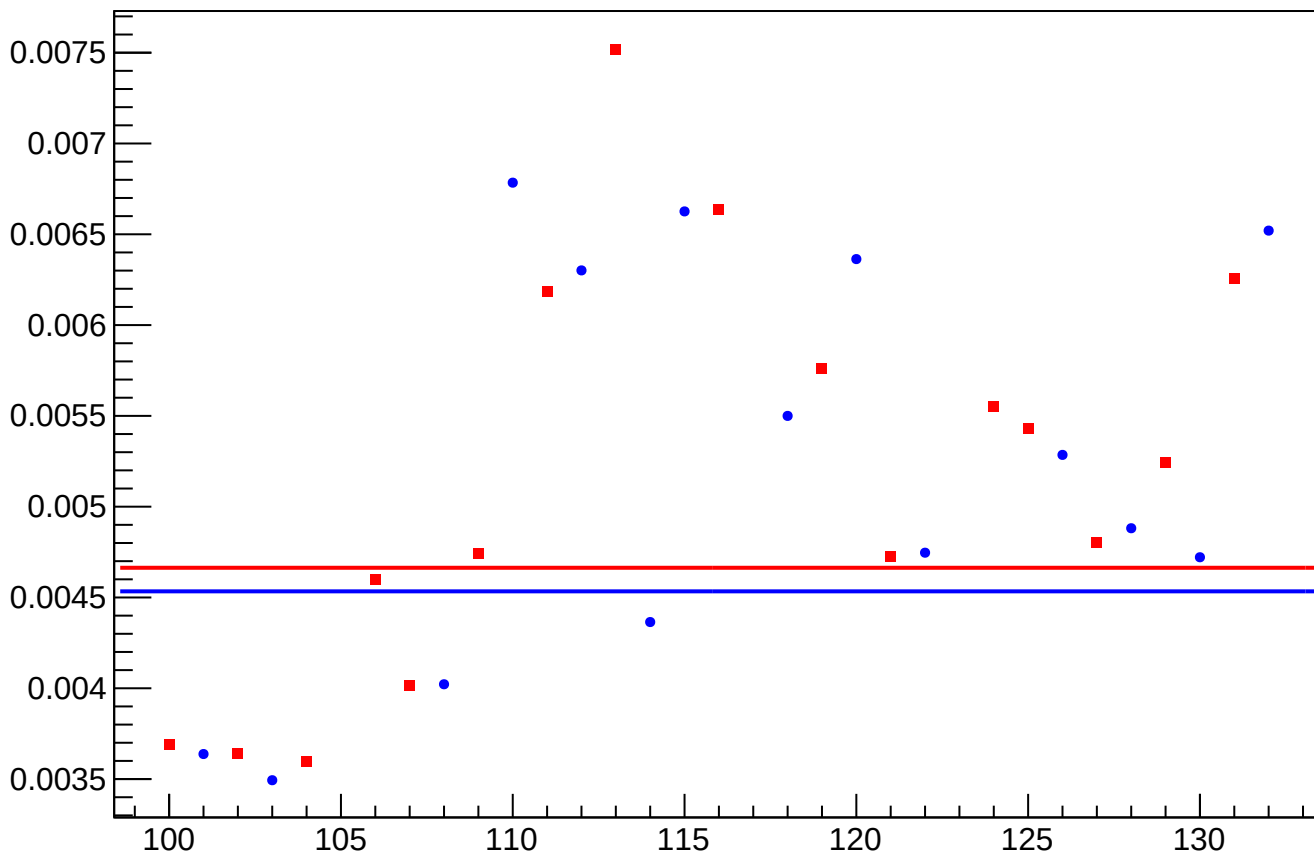
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: -0.134+/-0.000

χ^2/NDF : 30242197699.4/29

yield_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 514321.9/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 533239.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

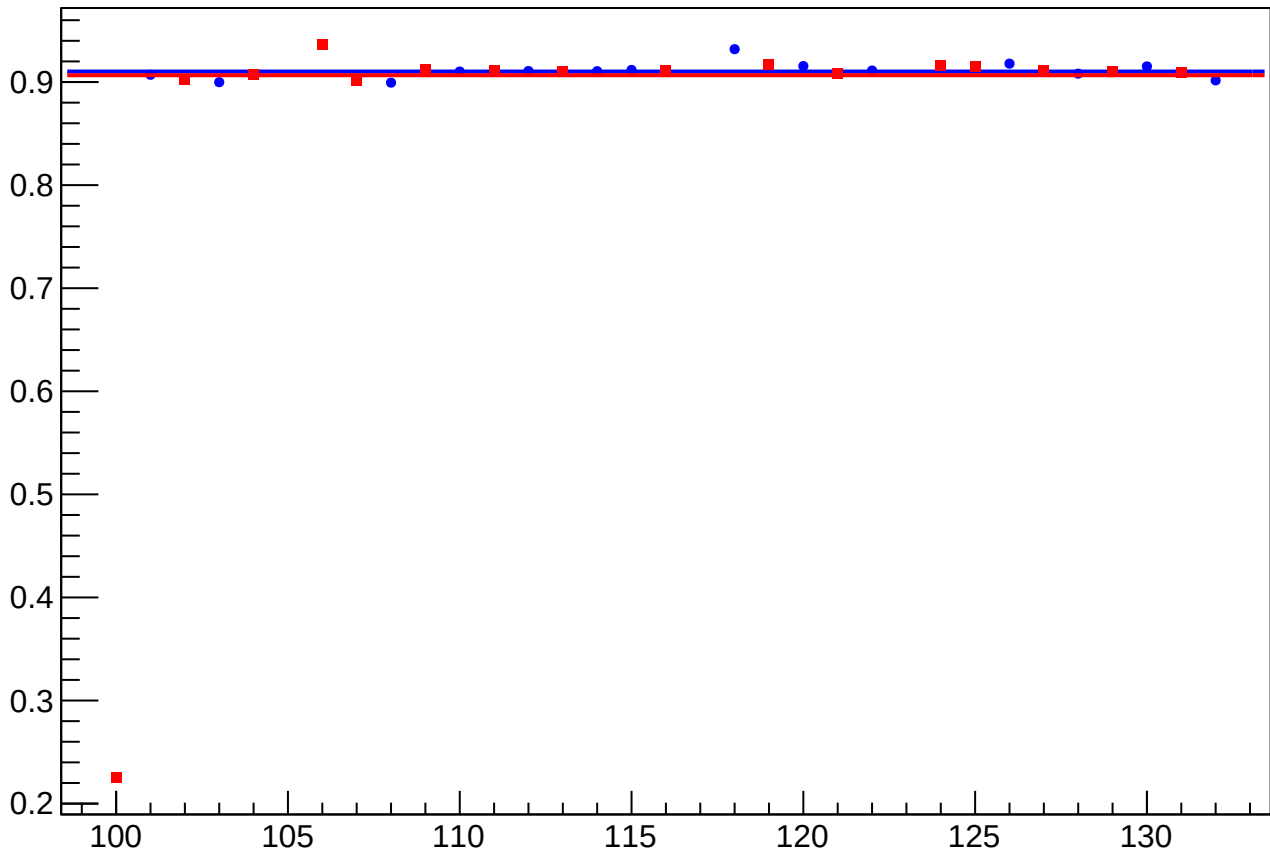
Right: 0.005+/-0.000 χ^2/NDF : 1051734.7/29

In: 0.005+/-0.000 χ^2/NDF :514321.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1051734.7/29

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.910+/-0.000 χ^2/NDF : 3032756.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.907+/-0.000 χ^2/NDF : 218319848.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

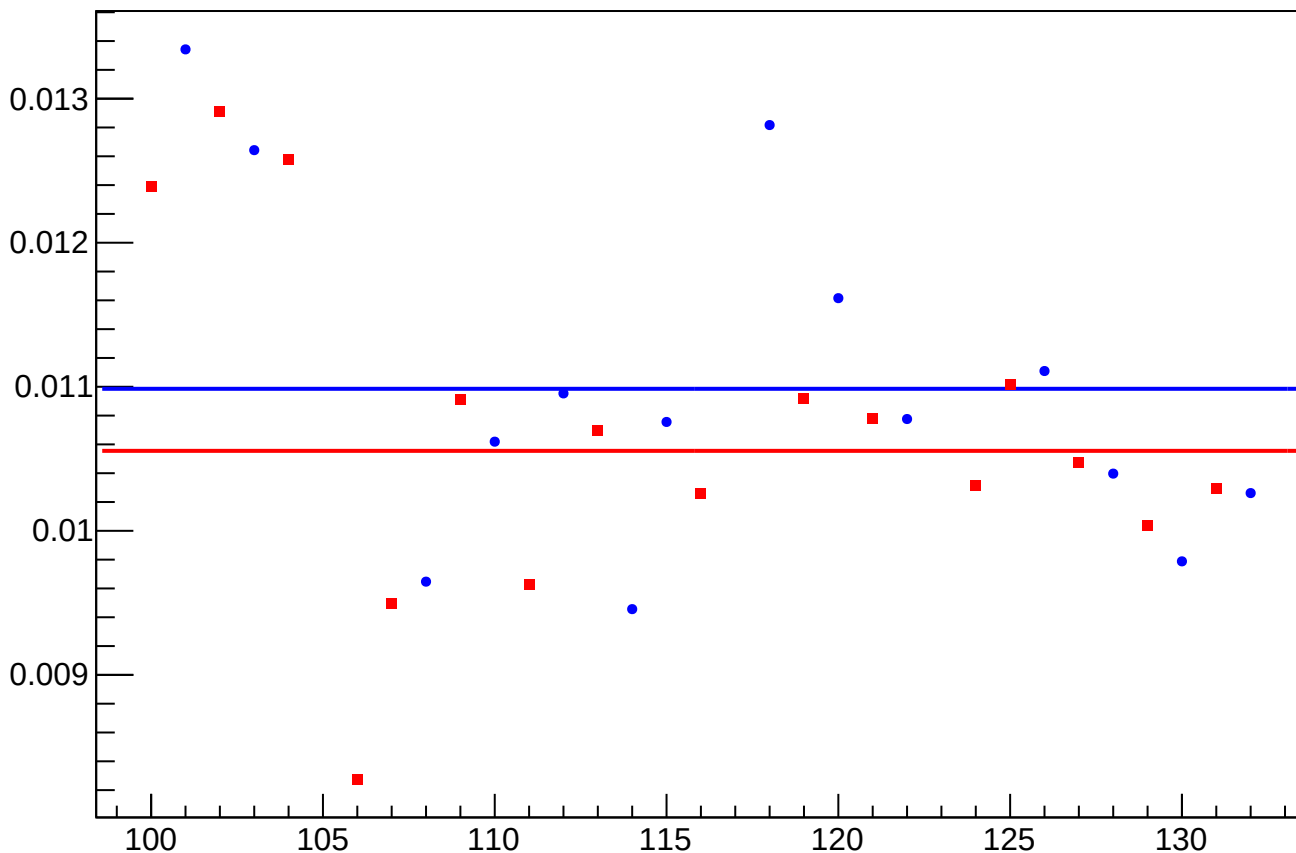
Right: 0.908+/-0.000 χ^2/NDF : 221681239.6/29

In: 0.910+/-0.000 χ^2/NDF : 3032756.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.908+/-0.000 χ^2/NDF : 221681239.6/29

yield_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 127088.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 139630.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

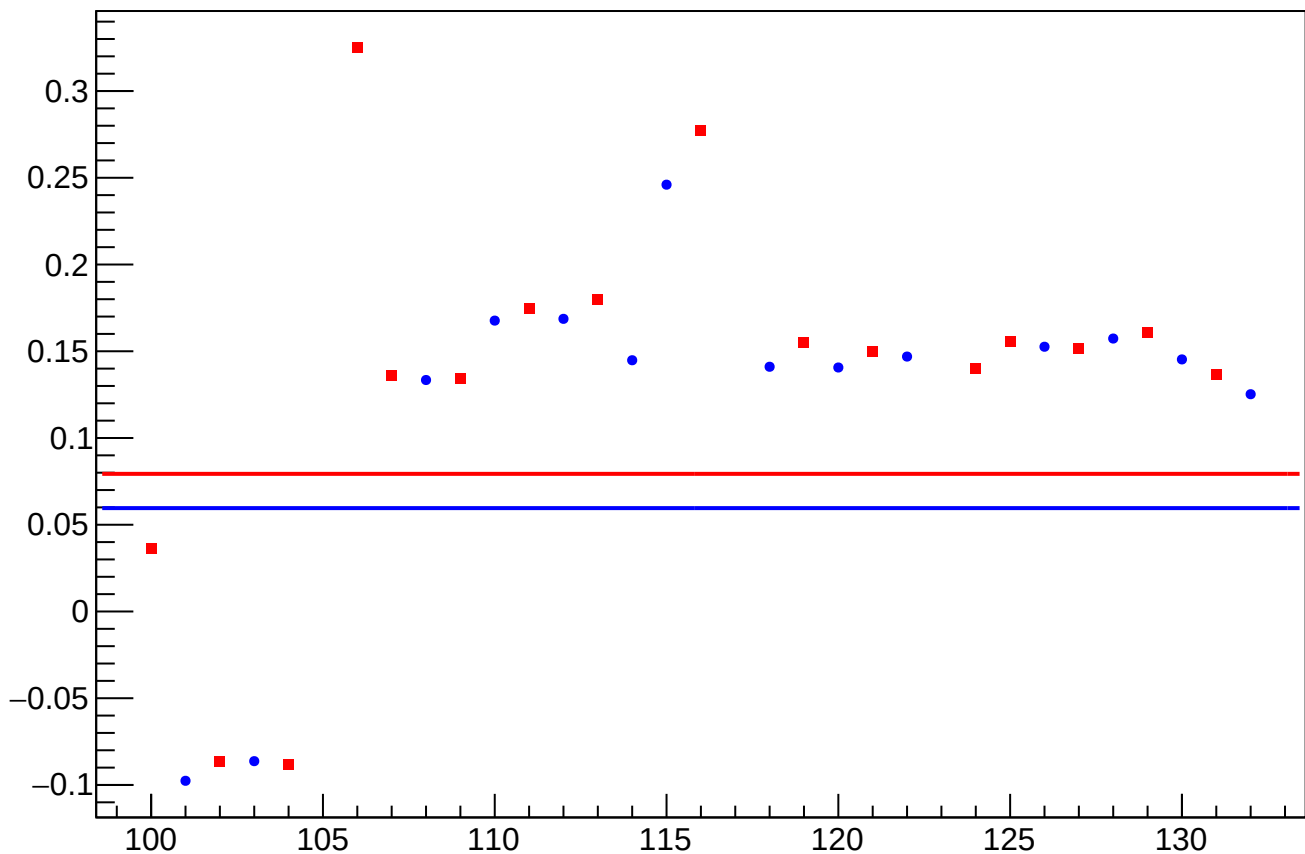
Right: 0.011+/-0.000 χ^2/NDF : 276138.1/29

In: 0.011+/-0.000 χ^2/NDF : 127088.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 276138.1/29

yield_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: 0.060+/-0.000

χ^2/NDF : 2898024117.3/13

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.079+/-0.000

χ^2/NDF : 3339430975.6/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.070+/-0.000

χ^2/NDF : 6279285075.9/29

In: 0.060+/-0.000

χ^2/NDF : 2898024117.3/13

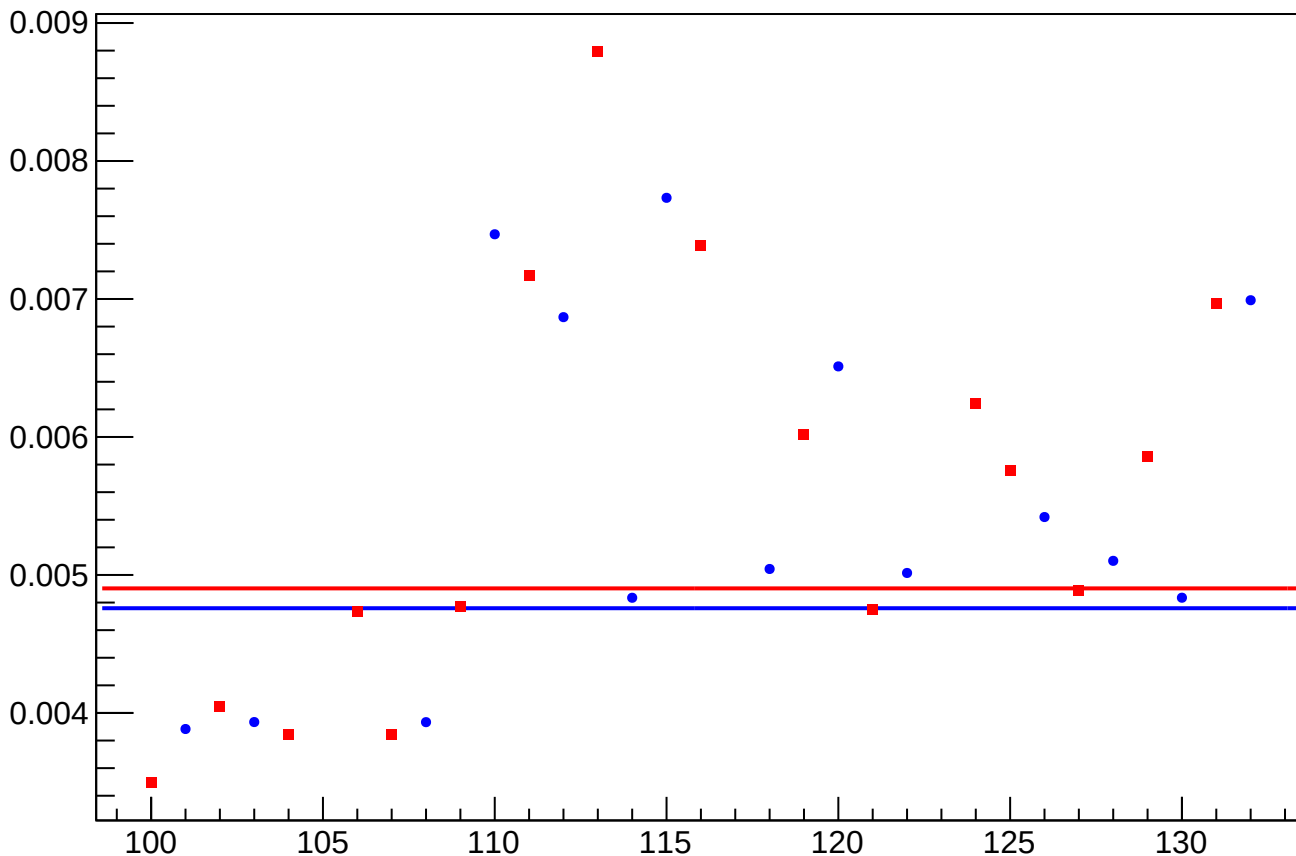
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.070+/-0.000

χ^2/NDF : 6279285075.9/29

yield_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 461107.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 615754.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

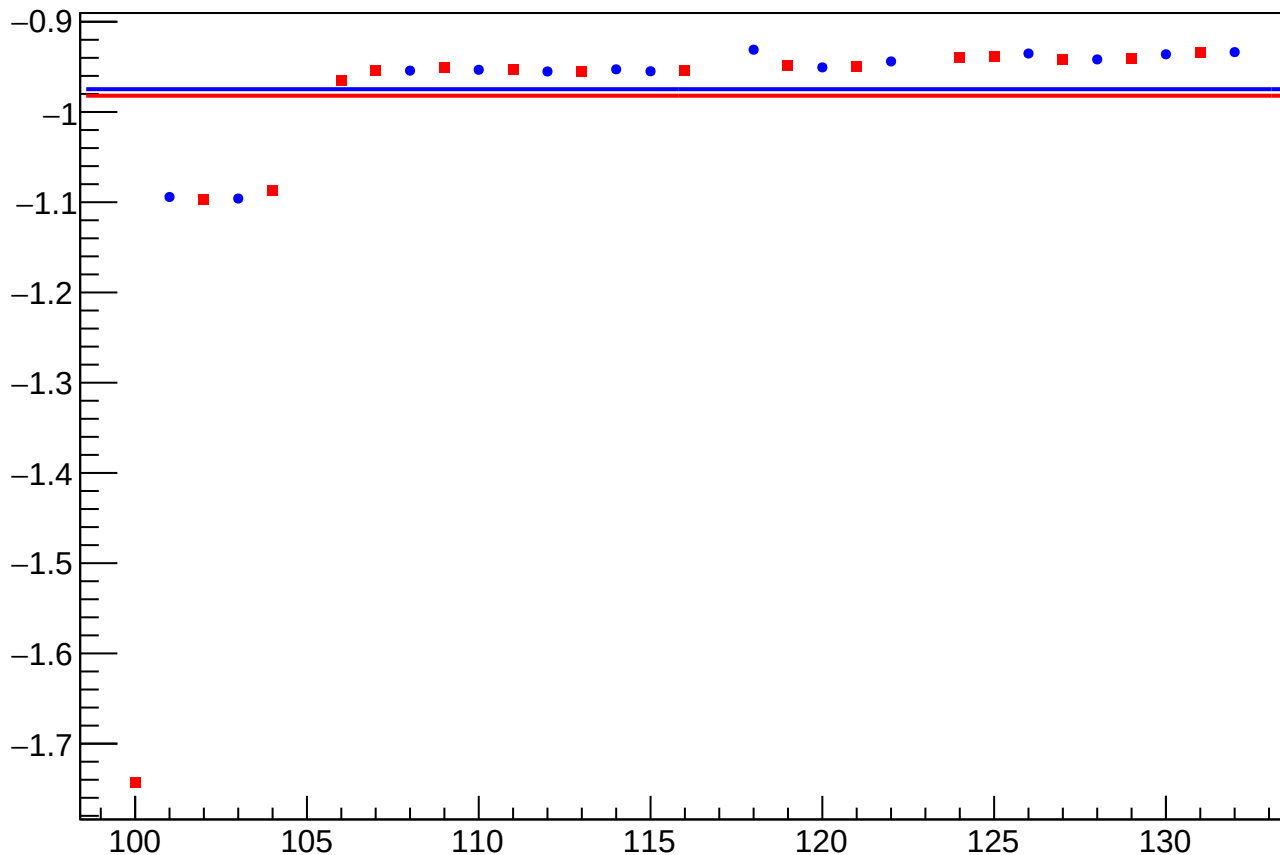
Right: 0.005+/-0.000 χ^2/NDF : 1081293.8/29

In: 0.005+/-0.000 χ^2/NDF :461107.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1081293.8/29

yield_bpm0l10X_mean vs Slug, Sign Corrected



Right In: -0.975+/-0.000 χ^2/NDF : 148773349.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.982+/-0.000 χ^2/NDF : 443884033.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

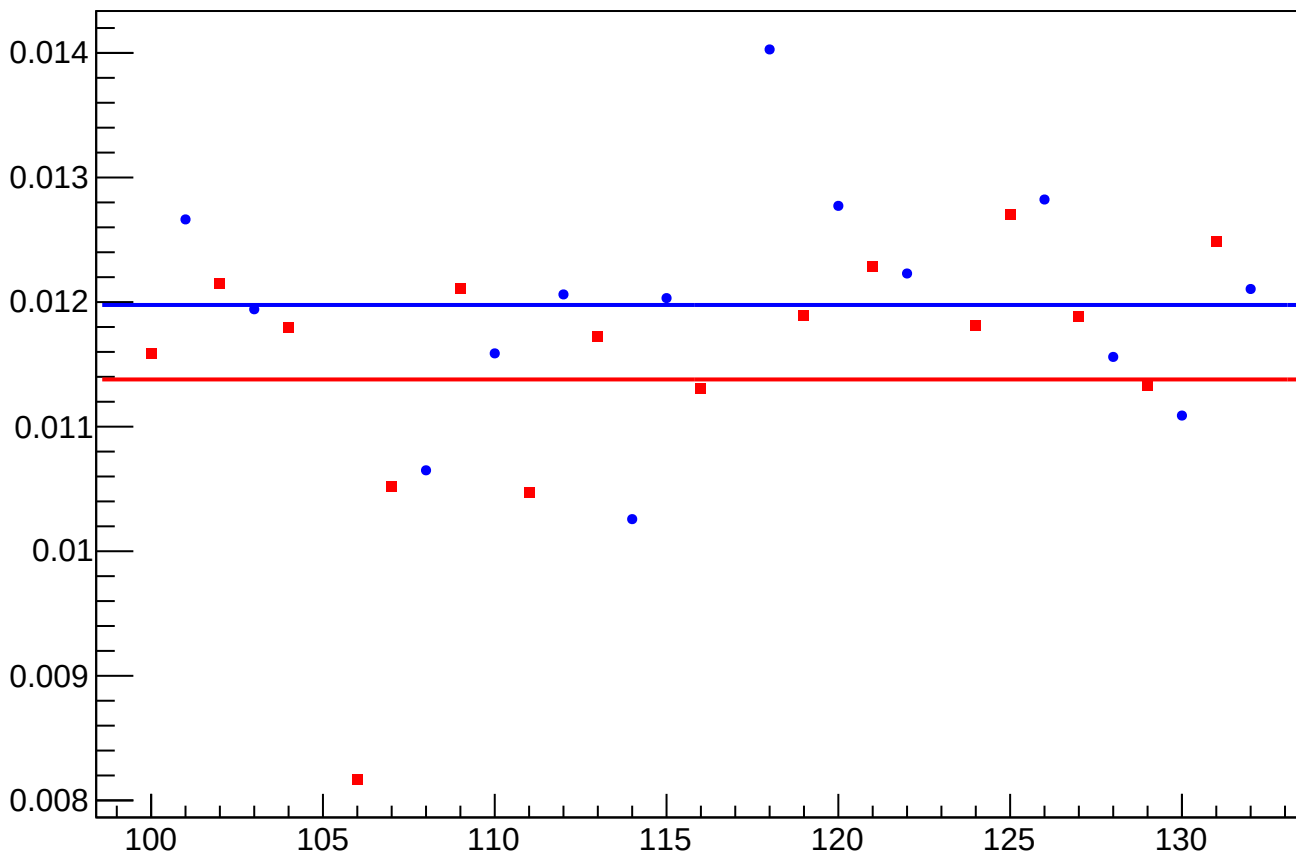
Right: -0.979+/-0.000 χ^2/NDF : 593788028.7/29

In: -0.975+/-0.000 χ^2/NDF :148773349.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.979+/-0.000 χ^2/NDF : 593788028.7/29

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 58097.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 139492.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

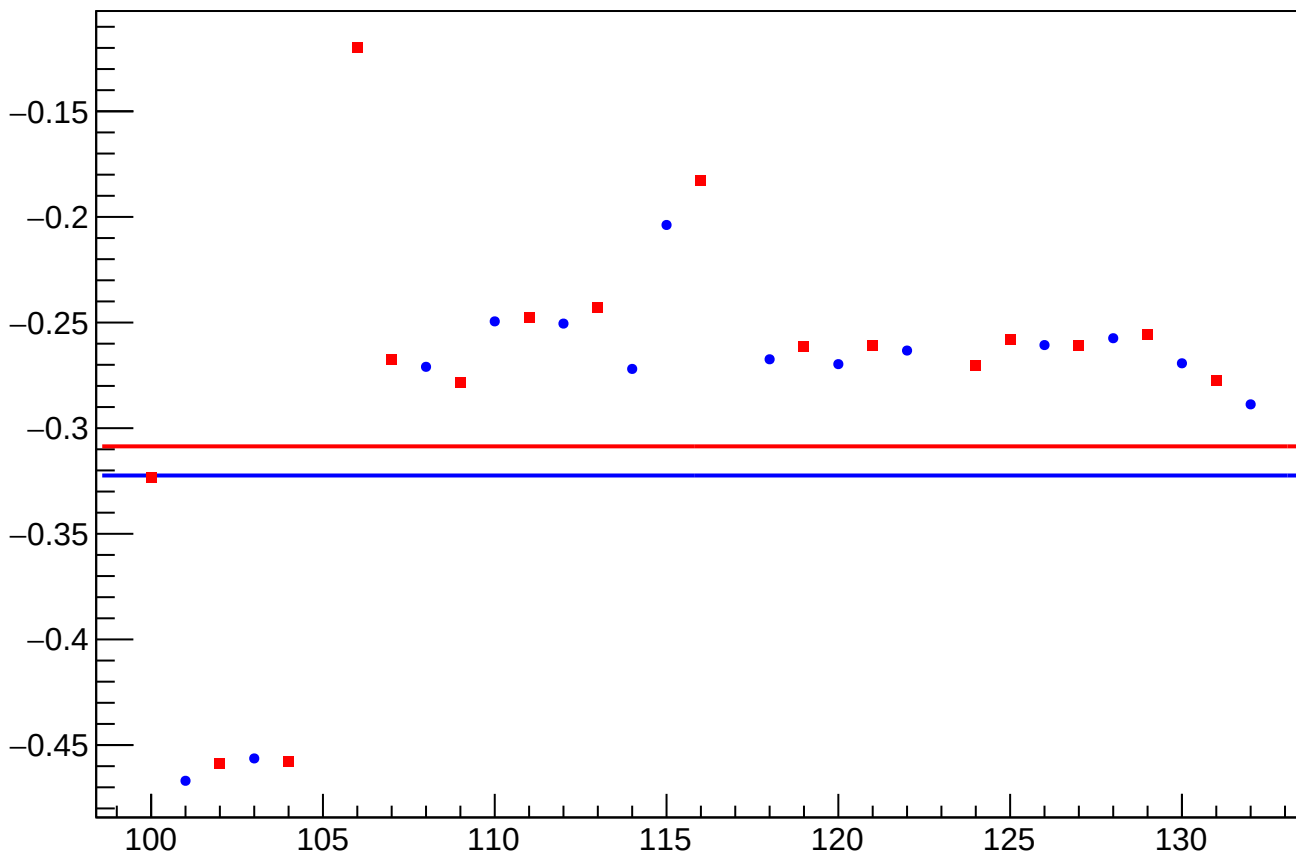
Right: 0.012+/-0.000 χ^2/NDF : 212987.1/29

In: 0.012+/-0.000 χ^2/NDF : 58097.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 212987.1/29

yield_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -0.322+/-0.000 χ^2/NDF : 2520386612.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.309+/-0.000 χ^2/NDF : 2684785988.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

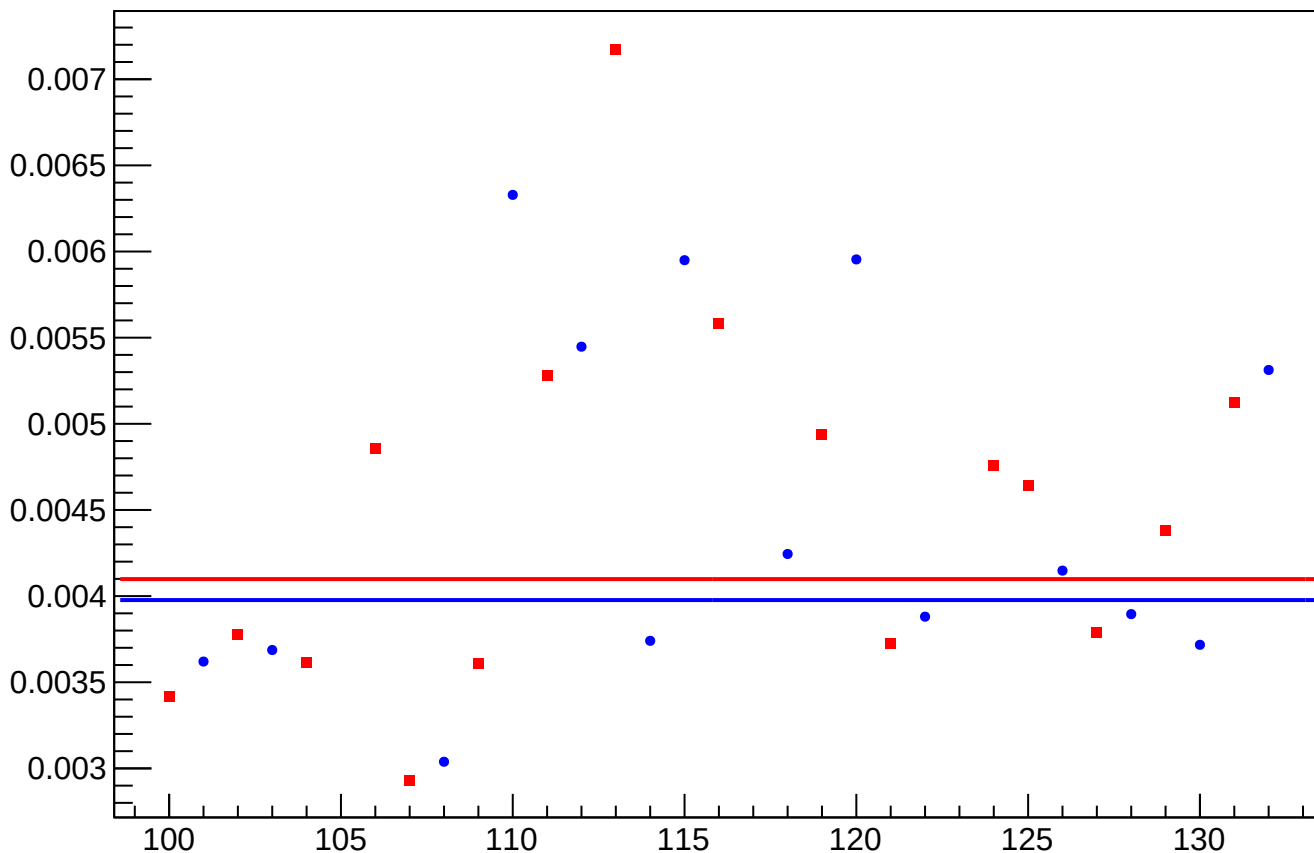
Right: -0.315+/-0.000 χ^2/NDF : 5234708116.7/29

In: -0.322+/-0.000 χ^2/NDF : 2520386612.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.315+/-0.000 χ^2/NDF : 5234708116.7/29

yield_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 378343.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 442390.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

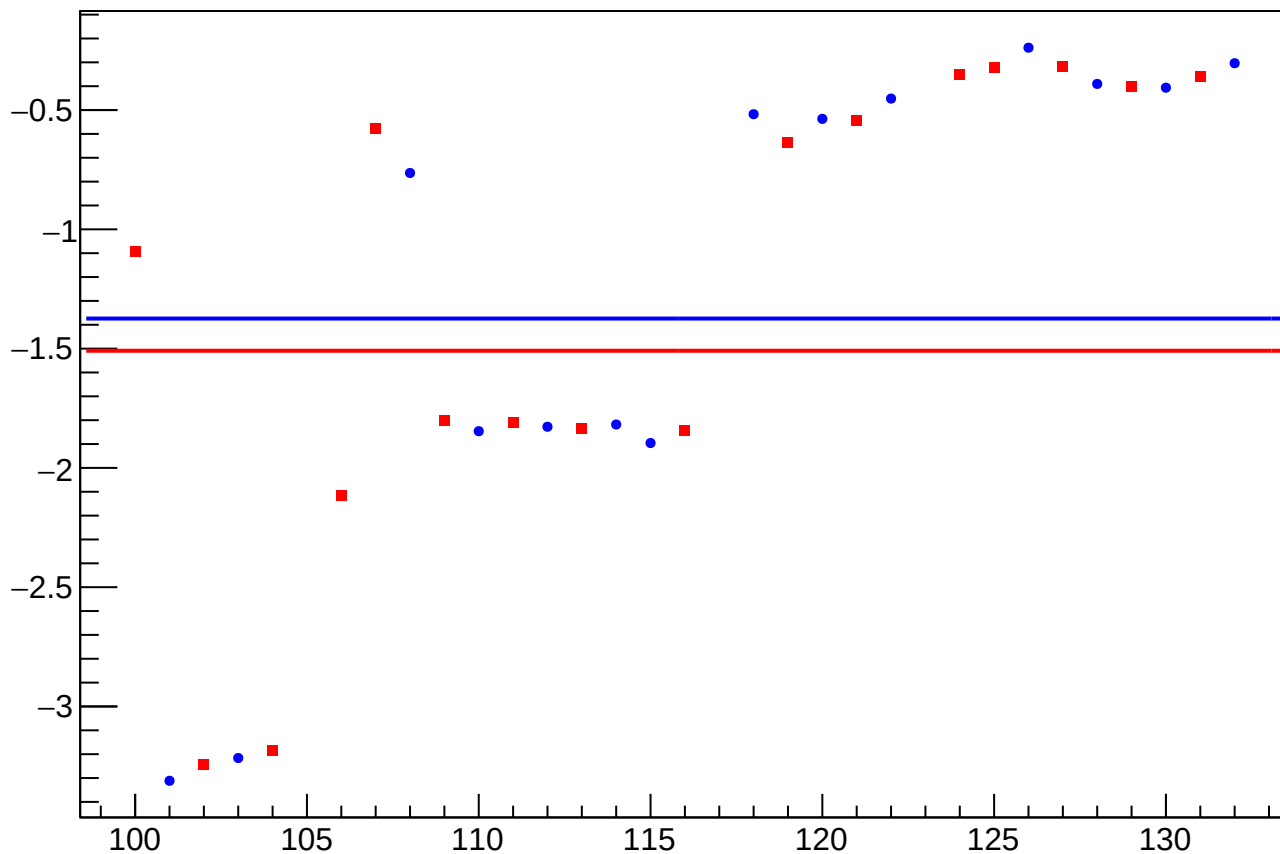
Right: 0.004+/-0.000 χ^2/NDF : 825327.9/29

In: 0.004+/-0.000 χ^2/NDF :378343.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

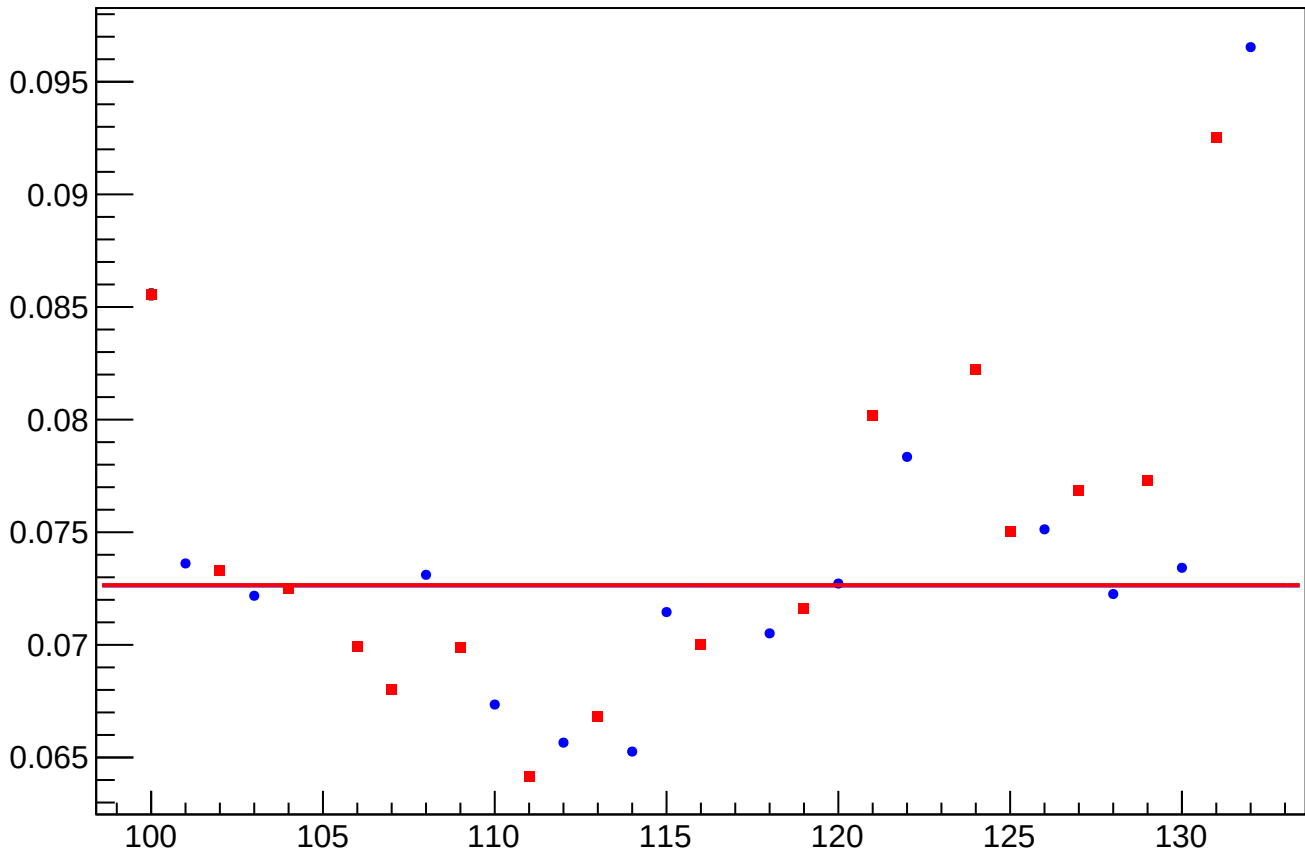
All: 0.004+/-0.000 χ^2/NDF : 825327.9/29

yield_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -1.374+/-0.000 χ^2/NDF : 1425428954.1/13
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -1.443+/-0.000 χ^2/NDF : 2676578414.4/29
 Right Out: -1.509+/-0.000 χ^2/NDF : 1240845576.6/15
 In: -1.374+/-0.000 χ^2/NDF : 1425428954.1/13
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -1.443+/-0.000 χ^2/NDF : 2676578414.4/29

yield_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 0.073+/-0.000 χ^2/NDF : 73450.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.073+/-0.000 χ^2/NDF : 83043.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

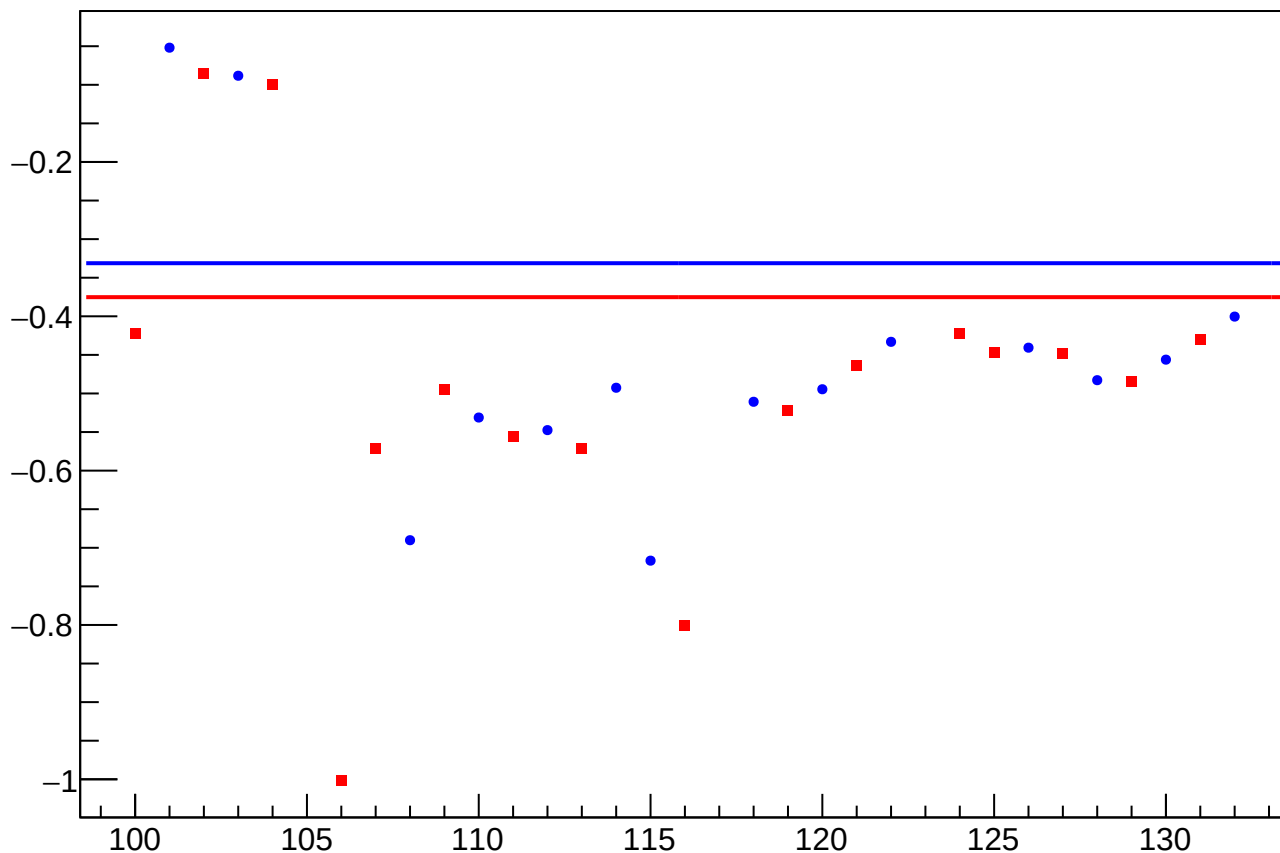
Right: 0.073+/-0.000 χ^2/NDF : 156493.8/29

In: 0.073+/-0.000 χ^2/NDF : 73450.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.073+/-0.000 χ^2/NDF : 156493.8/29

yield_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: -0.331+/-0.000 χ^2/NDF : 1871230819.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.375+/-0.000 χ^2/NDF : 2513484311.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

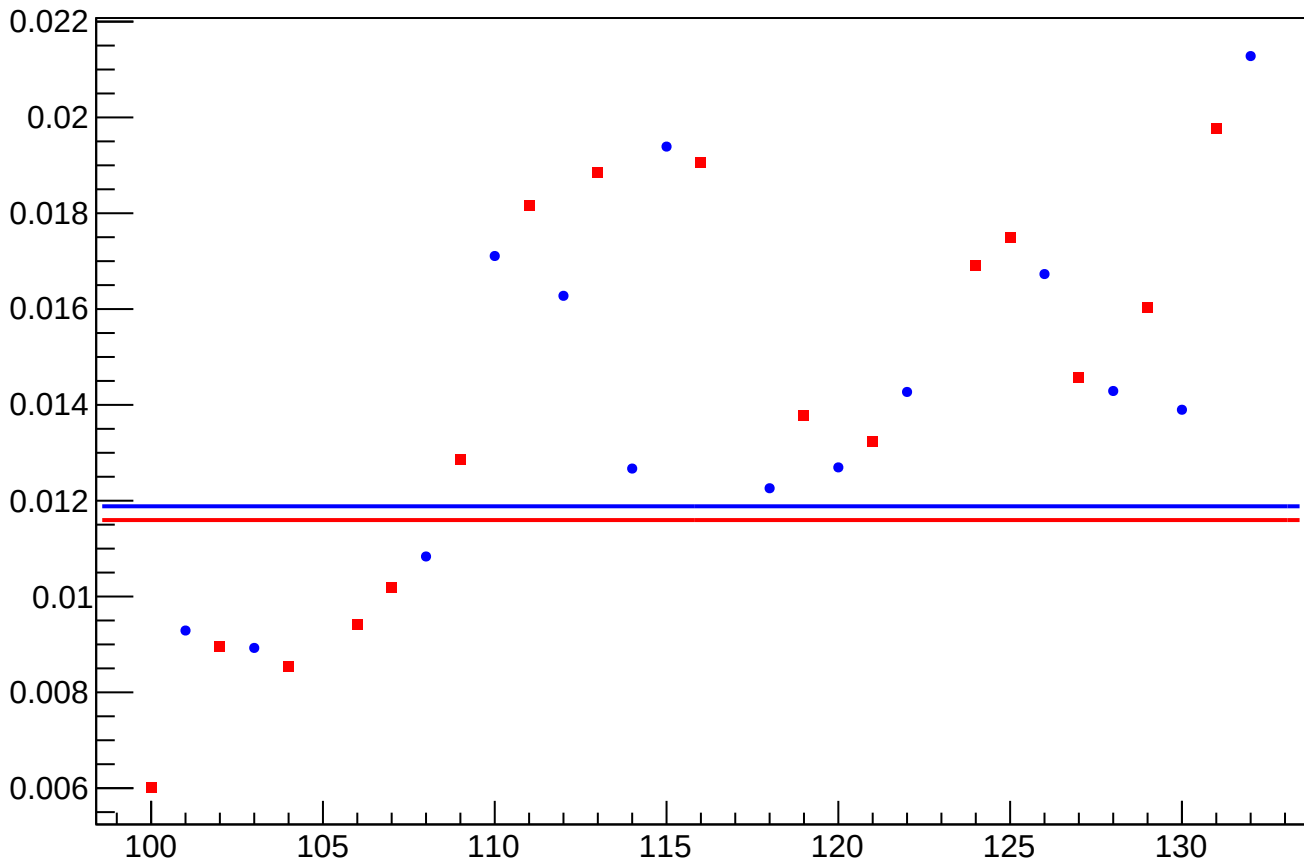
Right: -0.354+/-0.000 χ^2/NDF : 4419564379.7/29

In: -0.331+/-0.000 χ^2/NDF : 1871230819.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.354+/-0.000 χ^2/NDF : 4419564379.7/29

yield_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 618704.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 1012925.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

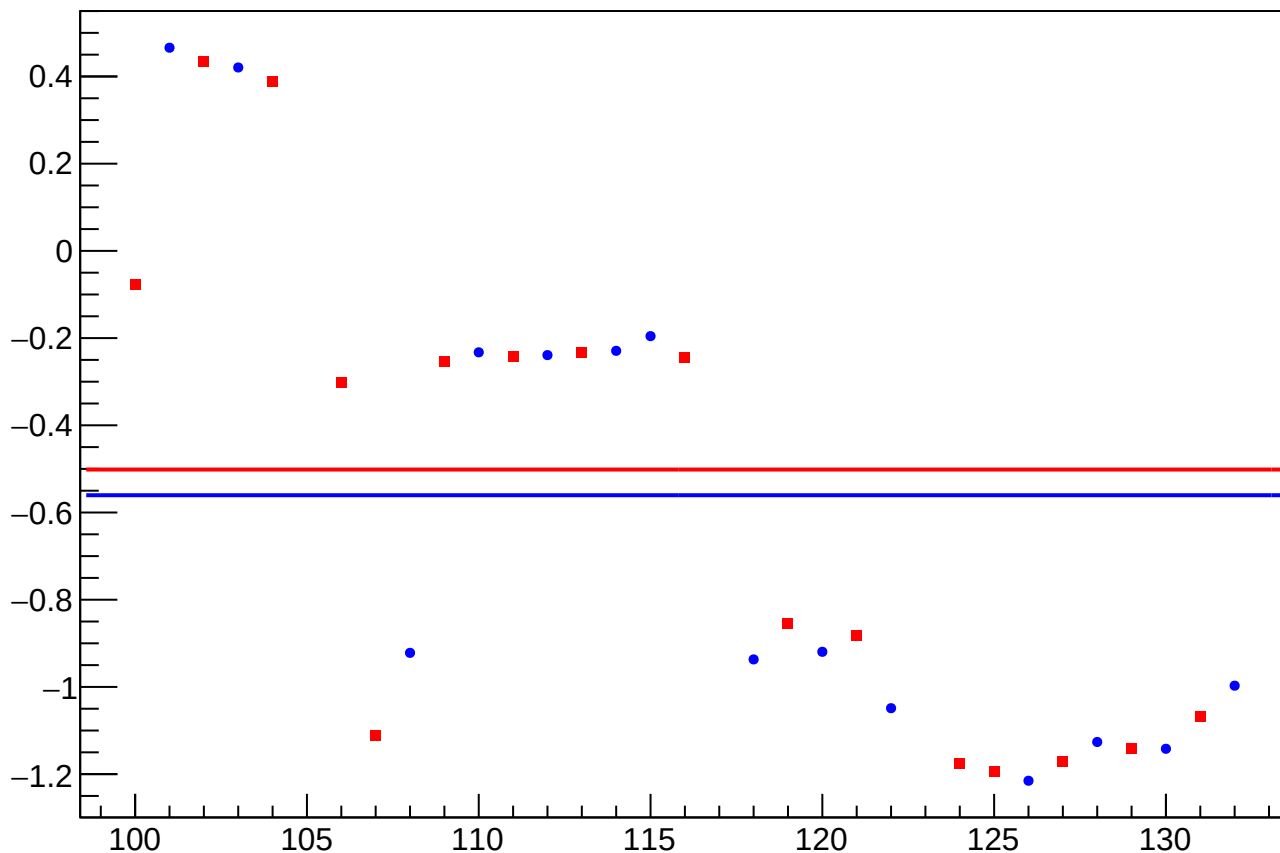
Right: 0.012+/-0.000 χ^2/NDF : 1634607.5/29

In: 0.012+/-0.000 χ^2/NDF :618704.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.000 χ^2/NDF : 1634607.5/29

yield_bpm0r05X_mean vs Slug, Sign Corrected



Right In: -0.560+/-0.000 χ^2/NDF : 288366551.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.501+/-0.000 χ^2/NDF : 261755184.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

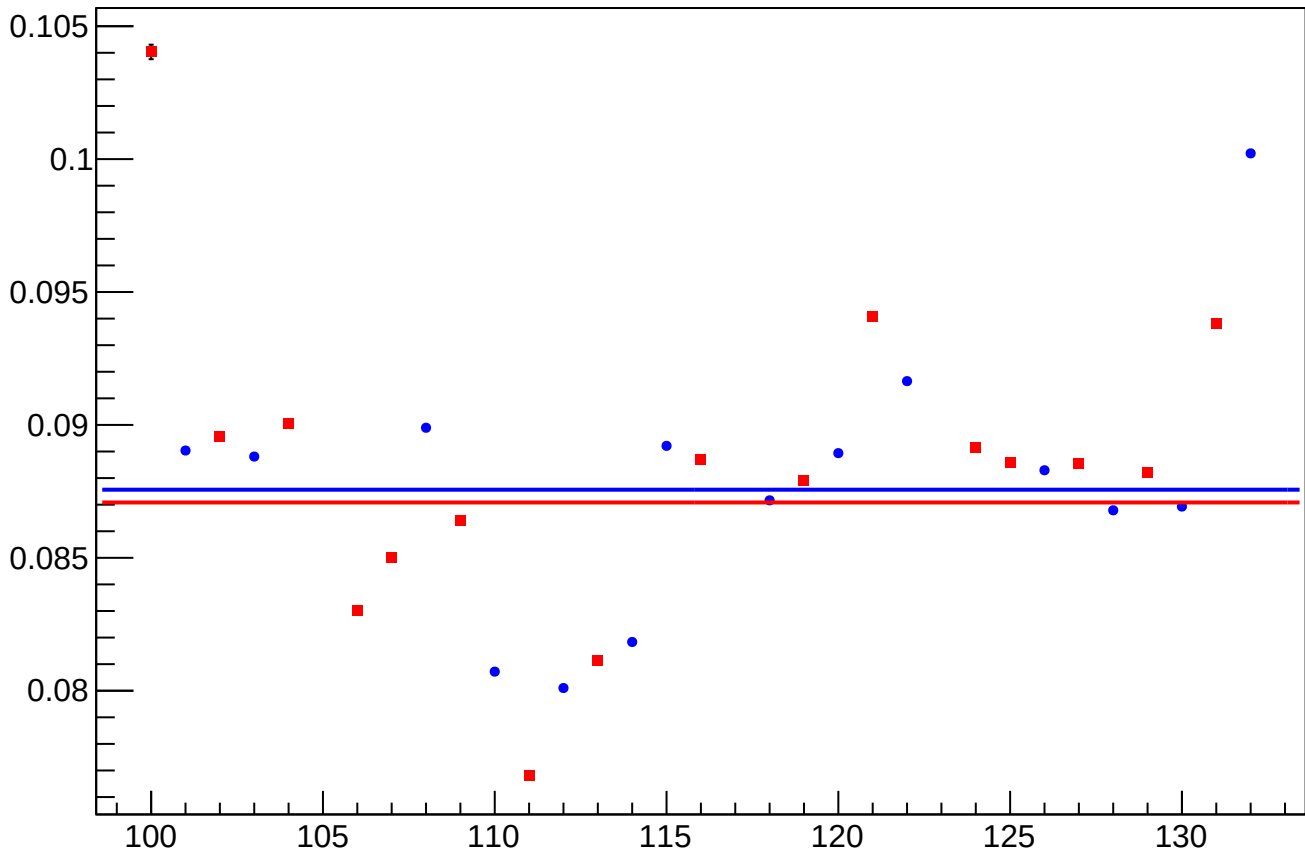
Right: -0.530+/-0.000 χ^2/NDF : 551511892.9/29

In: -0.560+/-0.000 χ^2/NDF : 288366551.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.530+/-0.000 χ^2/NDF : 551511892.9/29

yield_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 0.088+/-0.000 χ^2/NDF : 32083.9/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.087+/-0.000 χ^2/NDF : 38811.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

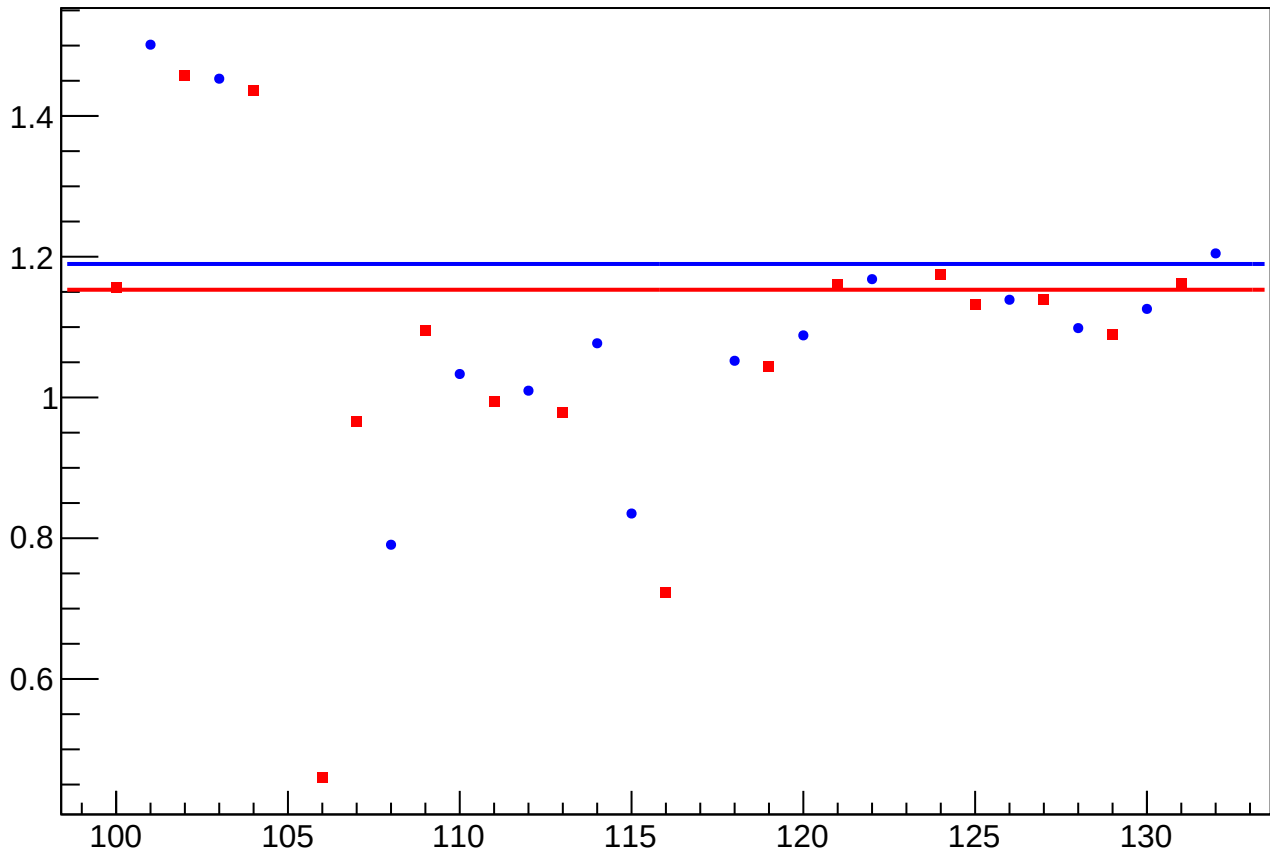
Right: 0.087+/-0.000 χ^2/NDF : 71080.6/29

In: 0.088+/-0.000 χ^2/NDF :32083.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.087+/-0.000 χ^2/NDF : 71080.6/29

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.190+/-0.000 χ^2/NDF : 1075833210.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.153+/-0.000 χ^2/NDF : 1407888223.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

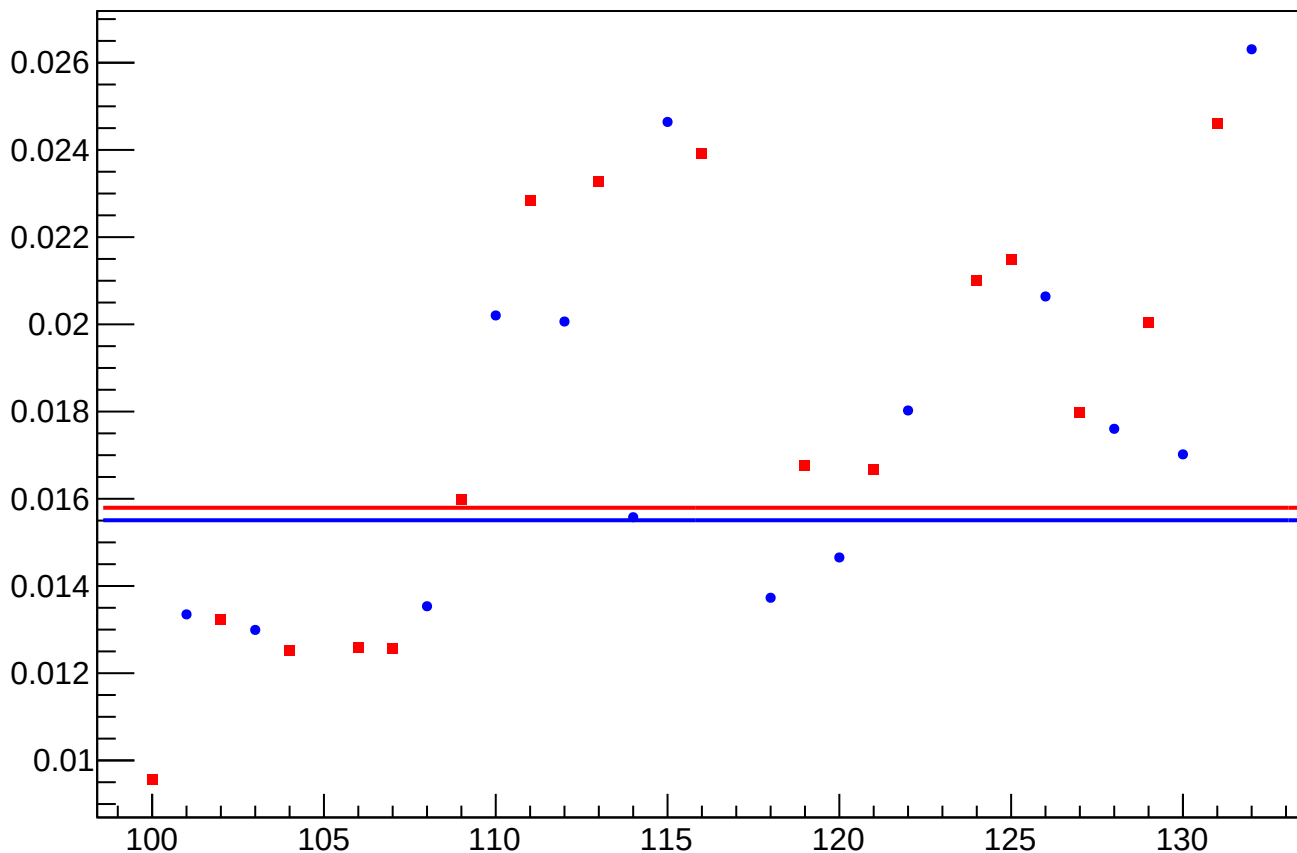
Right: 1.171+/-0.000 χ^2/NDF : 2497677884.9/29

In: 1.190+/-0.000 χ^2/NDF : 1075833210.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.171+/-0.000 χ^2/NDF : 2497677884.9/29

yield_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 384571.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 627029.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

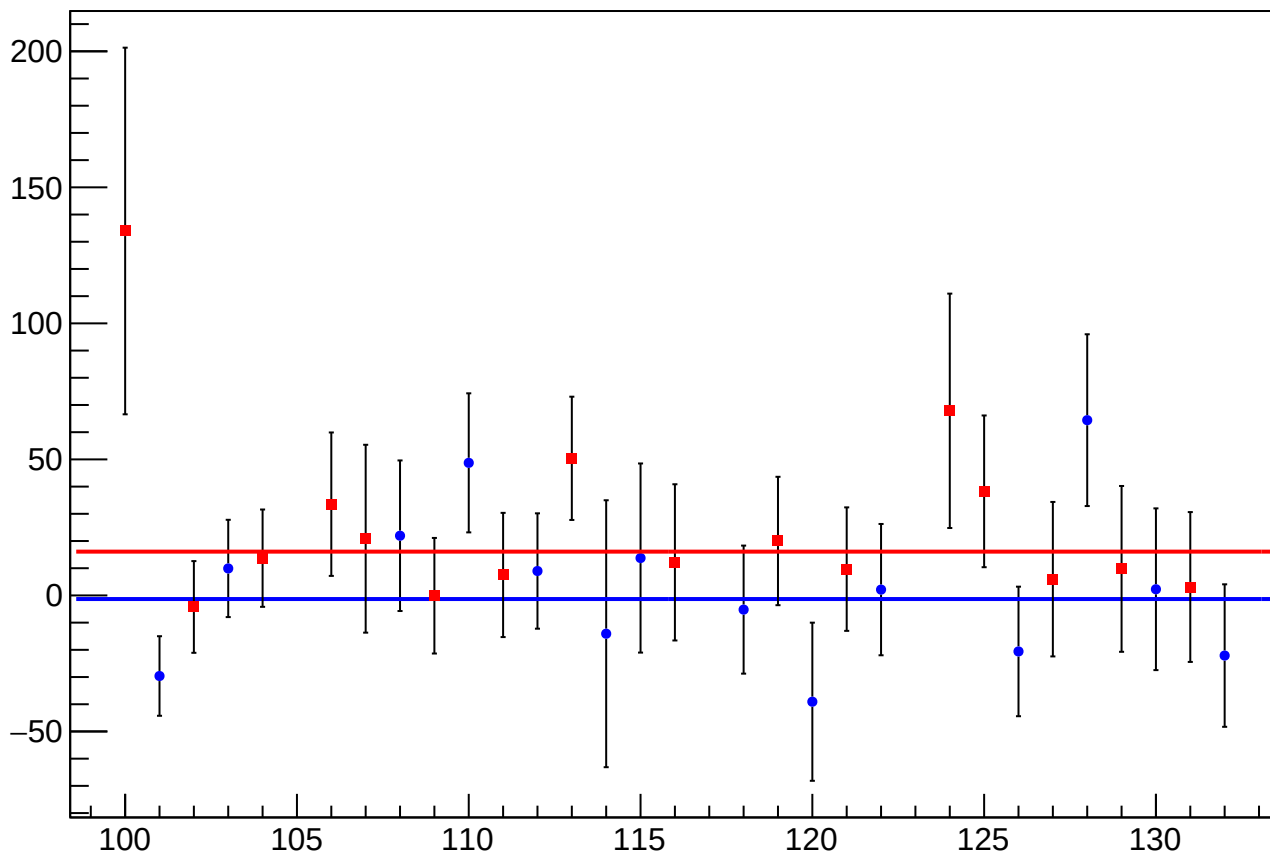
Right: 0.016+/-0.000 χ^2/NDF : 1013307.0/29

In: 0.016+/-0.000 χ^2/NDF :384571.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.016+/-0.000 χ^2/NDF : 1013307.0/29

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -1.328+/-6.432 χ^2 /NDF: 16.5/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 16.097+/-6.245 χ^2 /NDF: 10.6/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

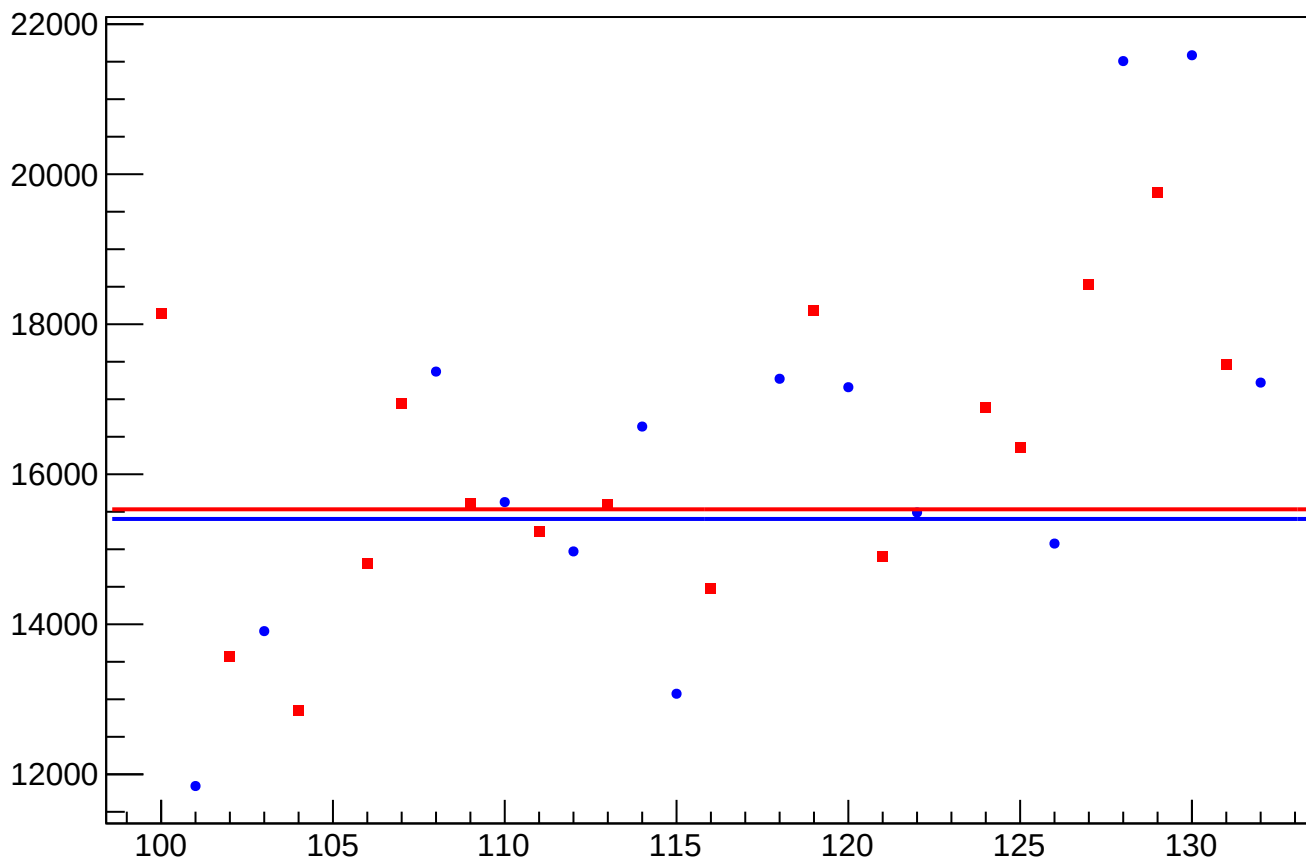
Right: 7.641+/-4.481 χ^2 /NDF: 30.9/29

In: -1.328+/-6.432 χ^2 /NDF:16.5/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 7.641+/-4.481 χ^2 /NDF: 30.9/29

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 15404.201+/-4.548 χ^2/NDF : 345073.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15532.796+/-4.416 χ^2/NDF : 184084.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

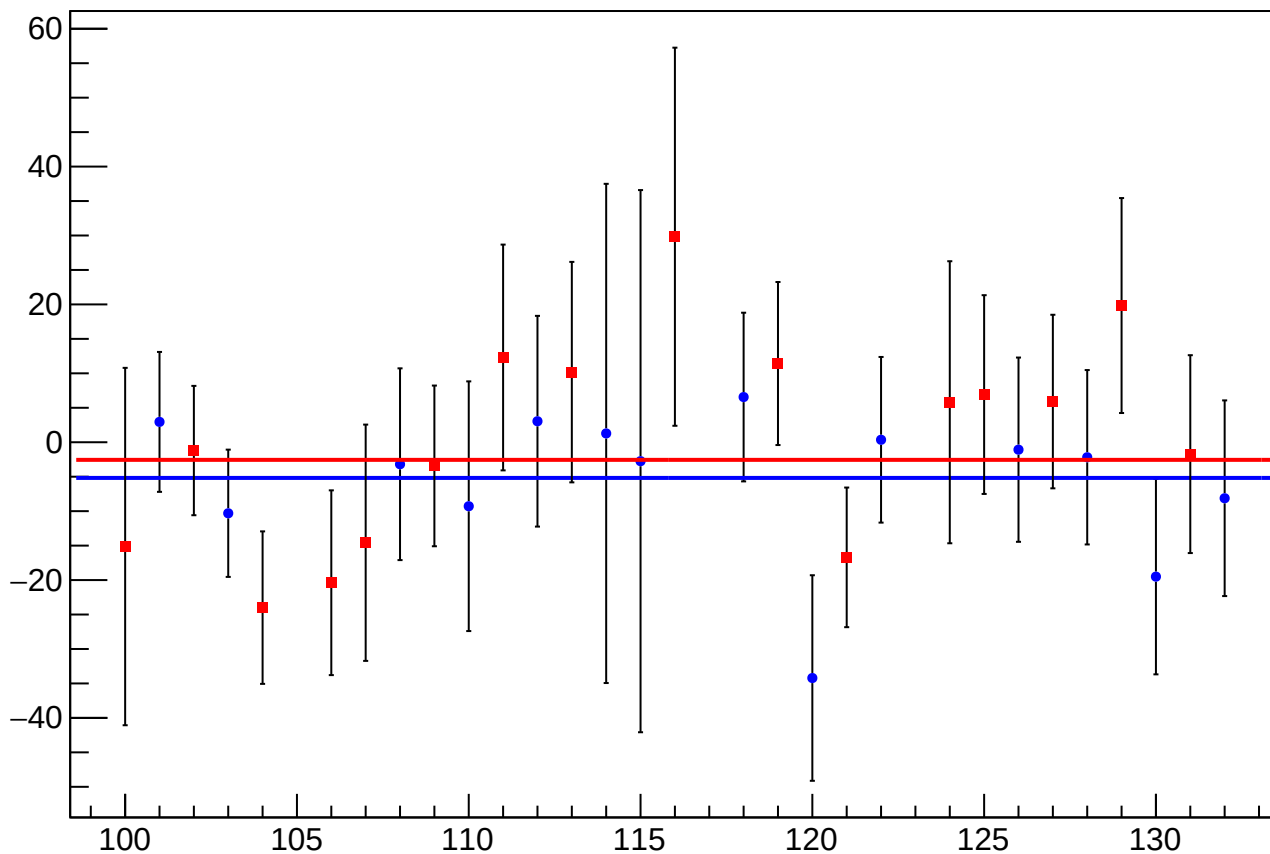
Right: 15470.392+/-3.168 χ^2/NDF : 529569.9/29

In: 15404.201+/-4.548 χ^2/NDF : 345073.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15470.392+/-3.168 χ^2/NDF : 529569.9/29

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -5.177+/-3.647 χ^2/NDF : 7.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.556+/-3.417 χ^2/NDF : 15.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

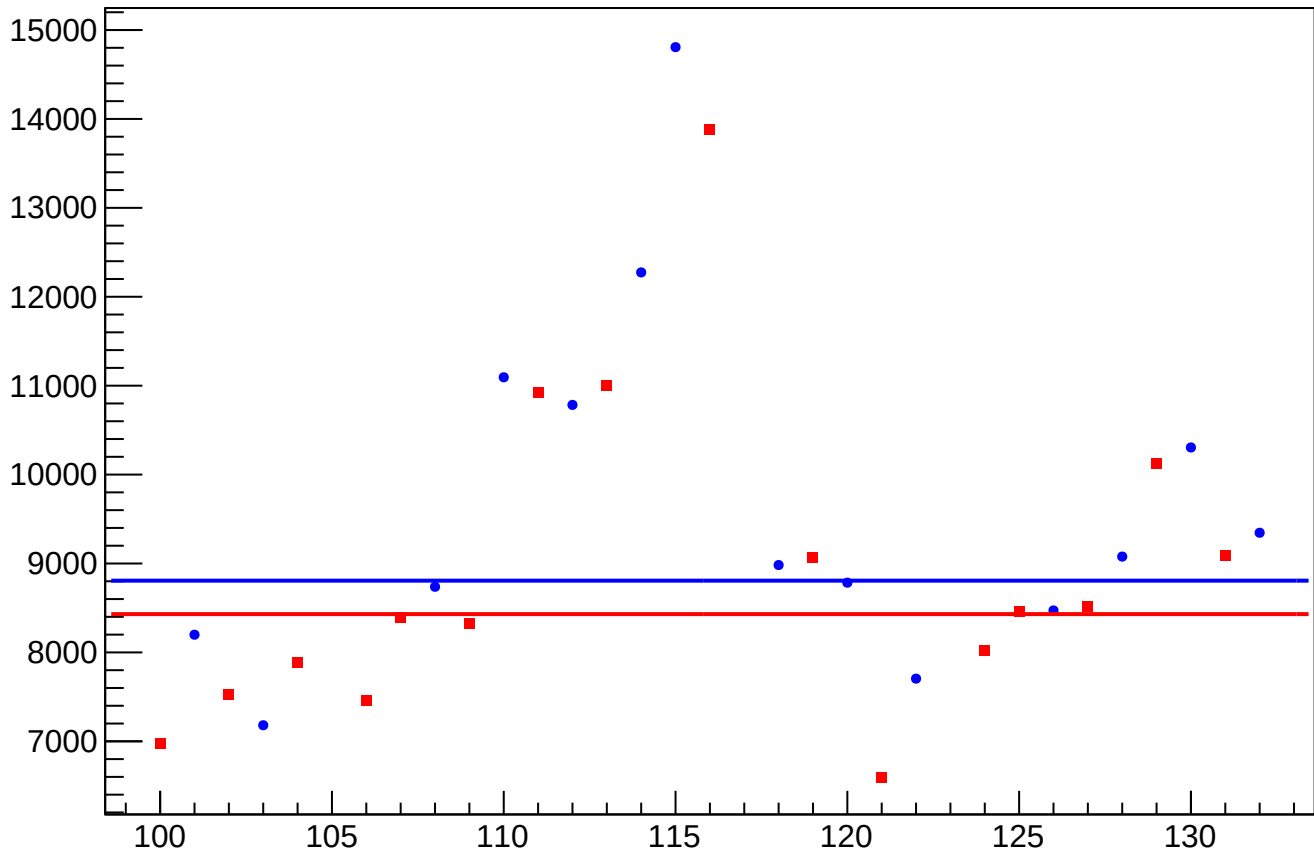
Right: -3.781+/-2.493 χ^2/NDF : 23.3/29

In: -5.177+/-3.647 χ^2/NDF : 7.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.781+/-2.493 χ^2/NDF : 23.3/29

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8807.017+/-2.579 χ^2/NDF : 244035.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8430.797+/-2.416 χ^2/NDF : 316536.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

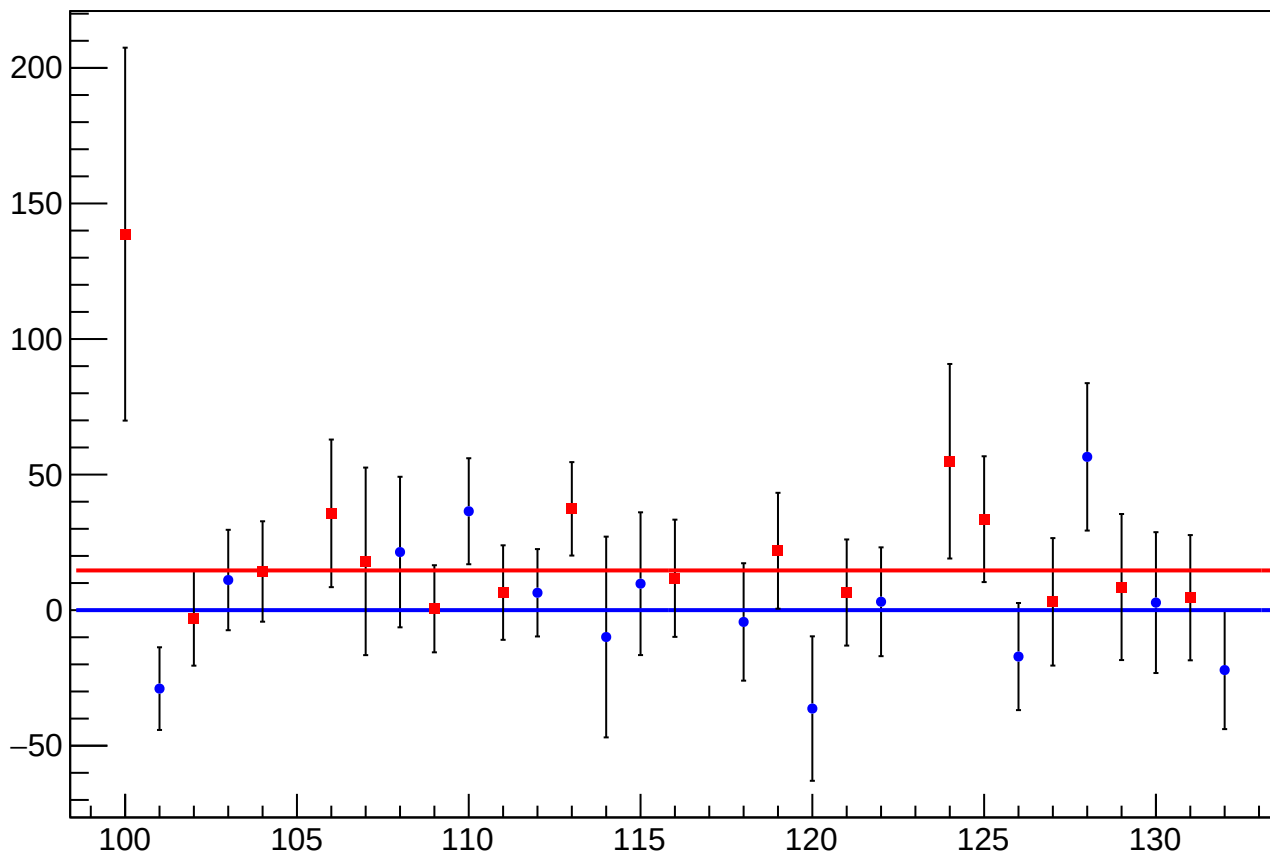
Right: 8606.683+/-1.763 χ^2/NDF : 571907.3/29

In: 8807.017+/-2.579 χ^2/NDF : 244035.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8606.683+/-1.763 χ^2/NDF : 571907.3/29

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 5.709 χ^2 /NDF: 16.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 14.648 $\pm$ 5.443 χ^2 /NDF: 10.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

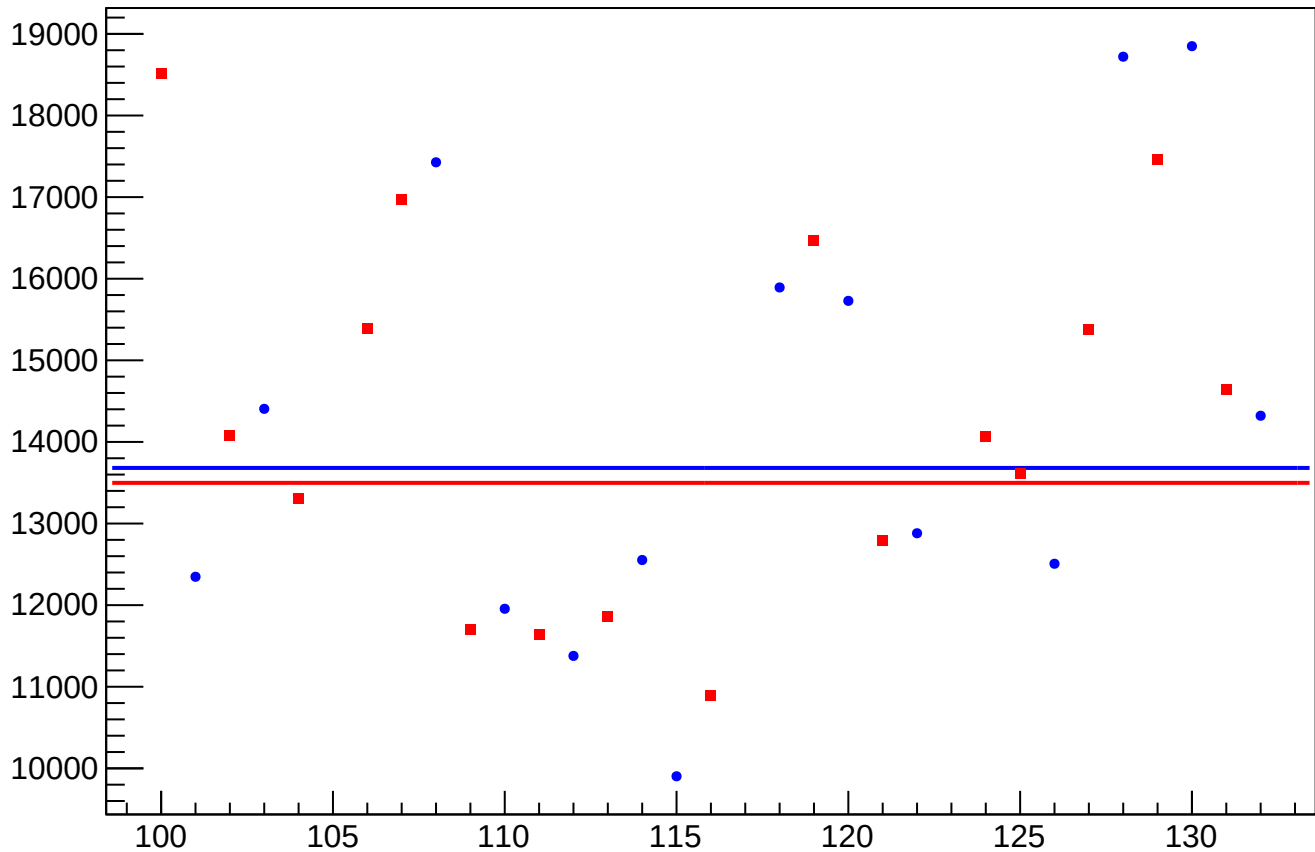
Right: 7.676 $\pm$ 3.939 χ^2 /NDF: 30.2/29

In: 0.007 $\pm$ 5.709 χ^2 /NDF:16.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 7.676 $\pm$ 3.939 χ^2 /NDF: 30.2/29

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 13681.465+/-4.037 χ^2/NDF : 346791.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 13498.568+/-3.849 χ^2/NDF : 240385.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

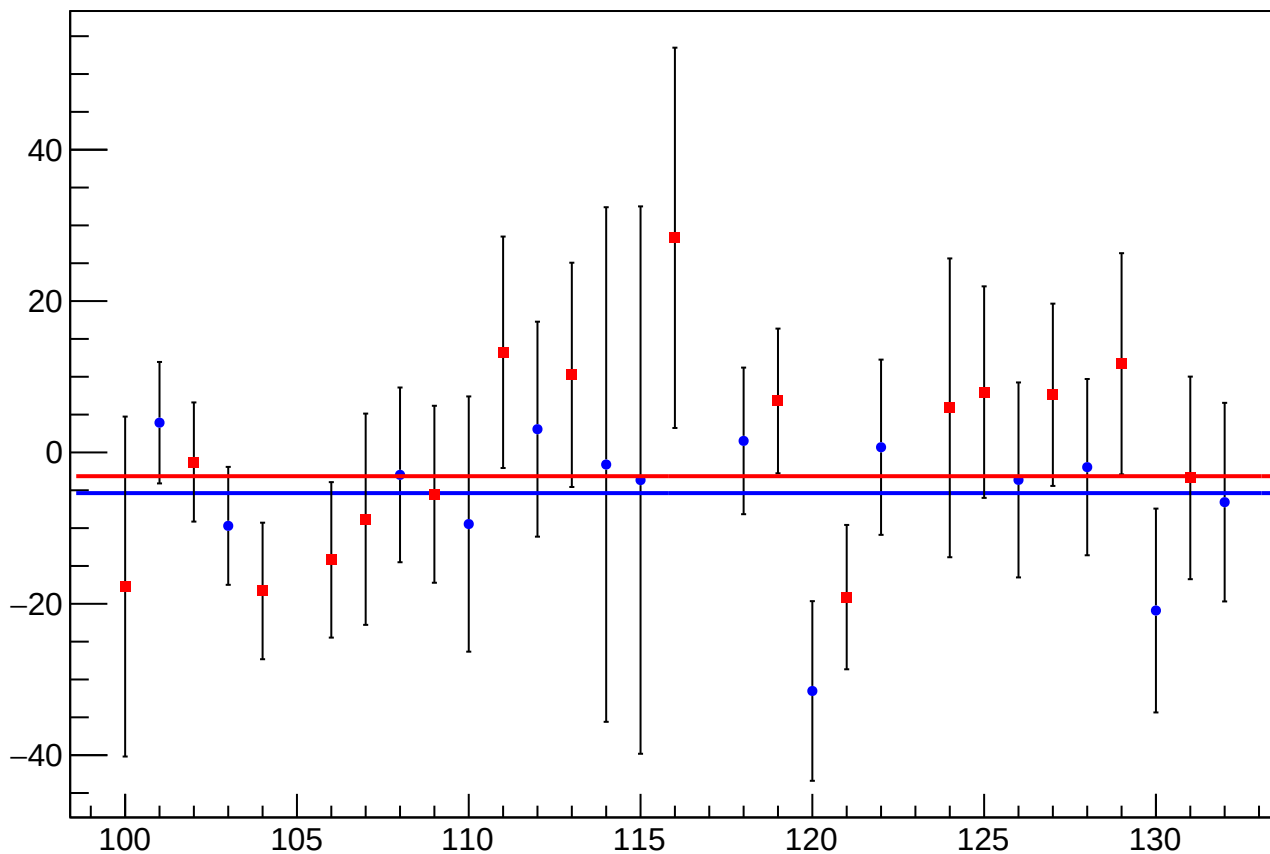
Right: 13585.658+/-2.786 χ^2/NDF : 588252.3/29

In: 13681.465+/-4.037 χ^2/NDF :346791.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 13585.658+/-2.786 χ^2/NDF : 588252.3/29

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -5.375 ± 3.169 χ^2/NDF : 9.2/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.138 ± 3.022 χ^2/NDF : 14.8/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

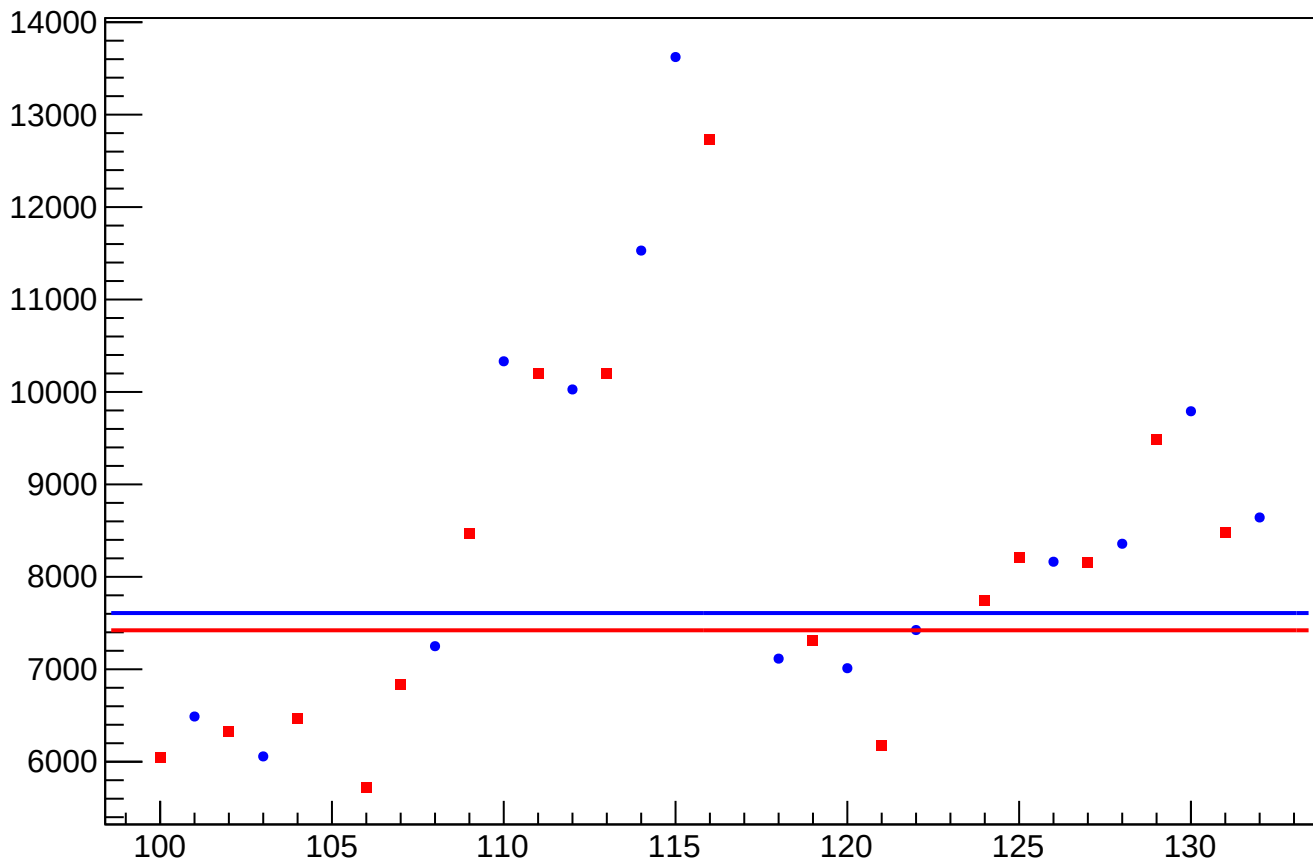
Right: -4.203 ± 2.187 χ^2/NDF : 24.2/29

In: -5.375 ± 3.169 χ^2/NDF : 9.2/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.203 ± 2.187 χ^2/NDF : 24.2/29

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7608.245+/-2.241 χ^2 /NDF: 399887.9/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 7421.718+/-2.137 χ^2 /NDF: 468803.5/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

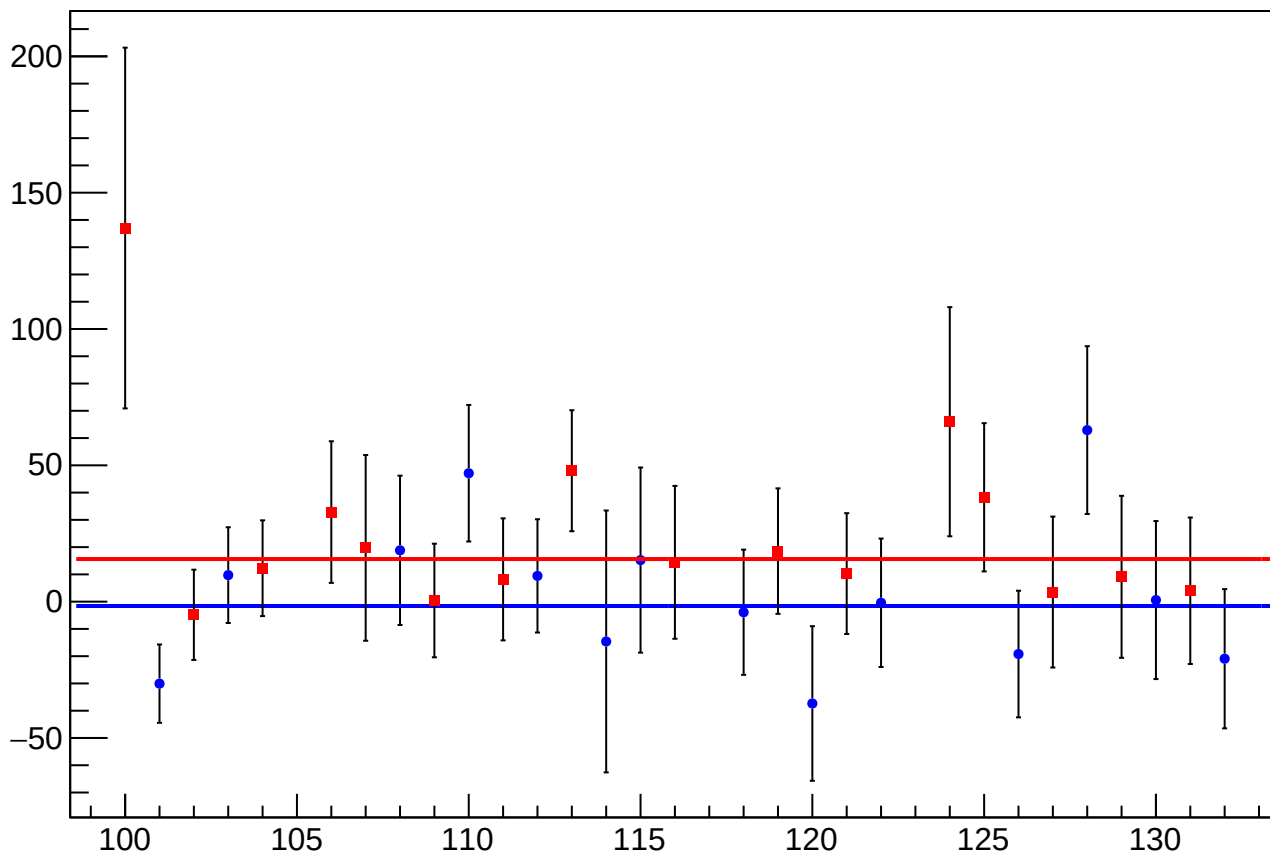
Right: 7510.531+/-1.546 χ^2 /NDF: 872320.5/29

In: 7608.245+/-2.241 χ^2 /NDF:399887.9/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 7510.531+/-1.546 χ^2 /NDF: 872320.5/29

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.596+/-6.298 χ^2/NDF : 16.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.631+/-6.115 χ^2/NDF : 10.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

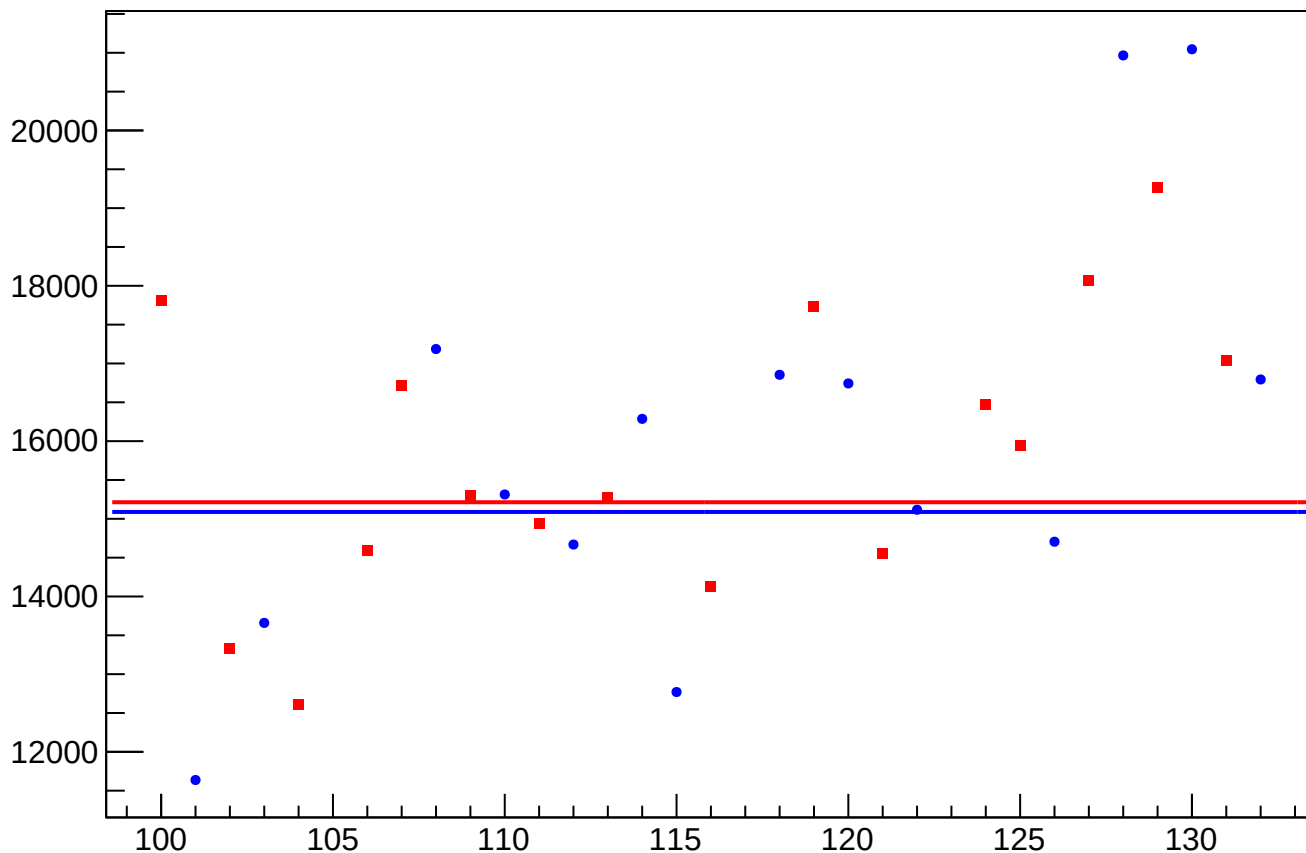
Right: 7.271+/-4.387 χ^2/NDF : 31.1/29

In: -1.596+/-6.298 χ^2/NDF : 16.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.271+/-4.387 χ^2/NDF : 31.1/29

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 15088.497+/-4.453 χ^2/NDF : 337471.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 15213.559+/-4.324 χ^2/NDF : 177865.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

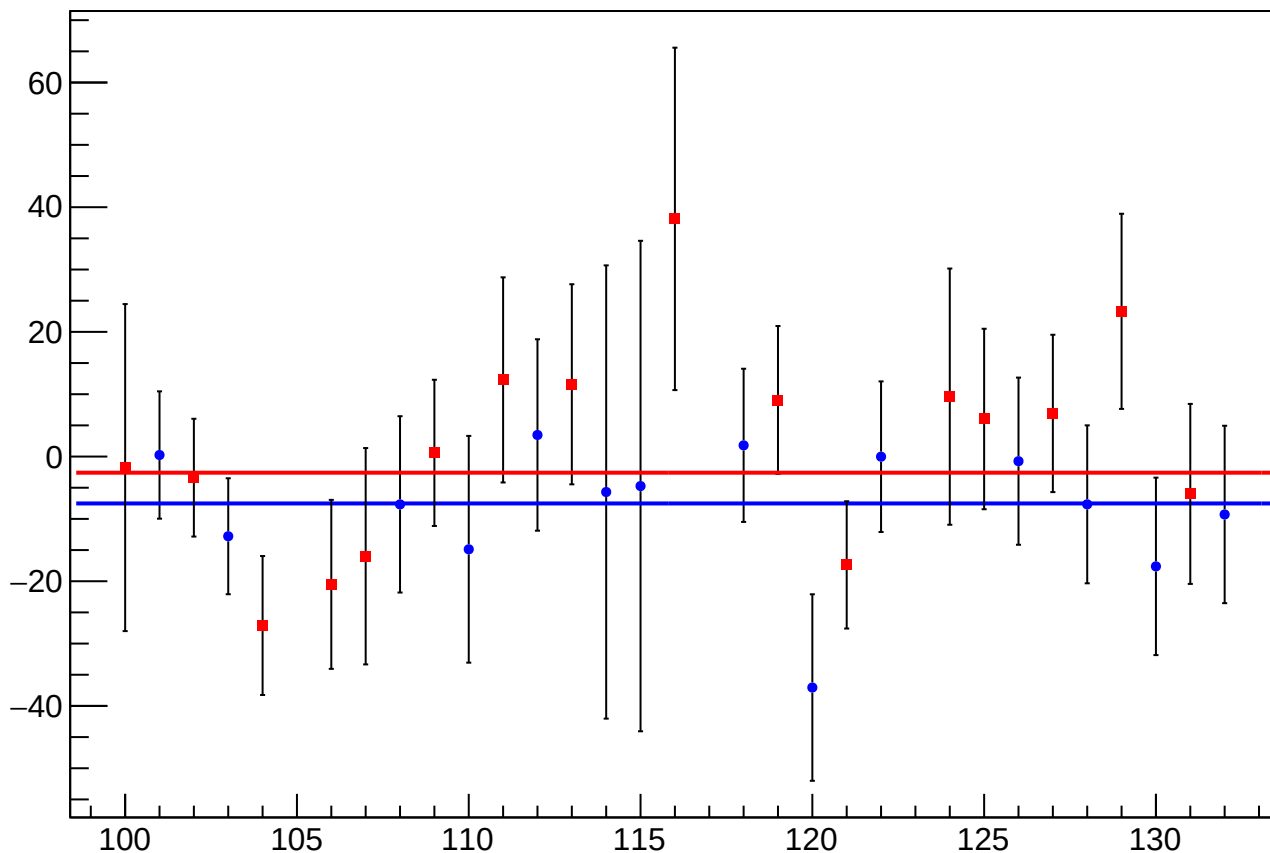
Right: 15152.868+/-3.102 χ^2/NDF : 515743.0/29

In: 15088.497+/-4.453 χ^2/NDF :337471.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 15152.868+/-3.102 χ^2/NDF : 515743.0/29

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -7.521+/-3.665 χ^2/NDF : 7.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.589+/-3.437 χ^2/NDF : 18.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

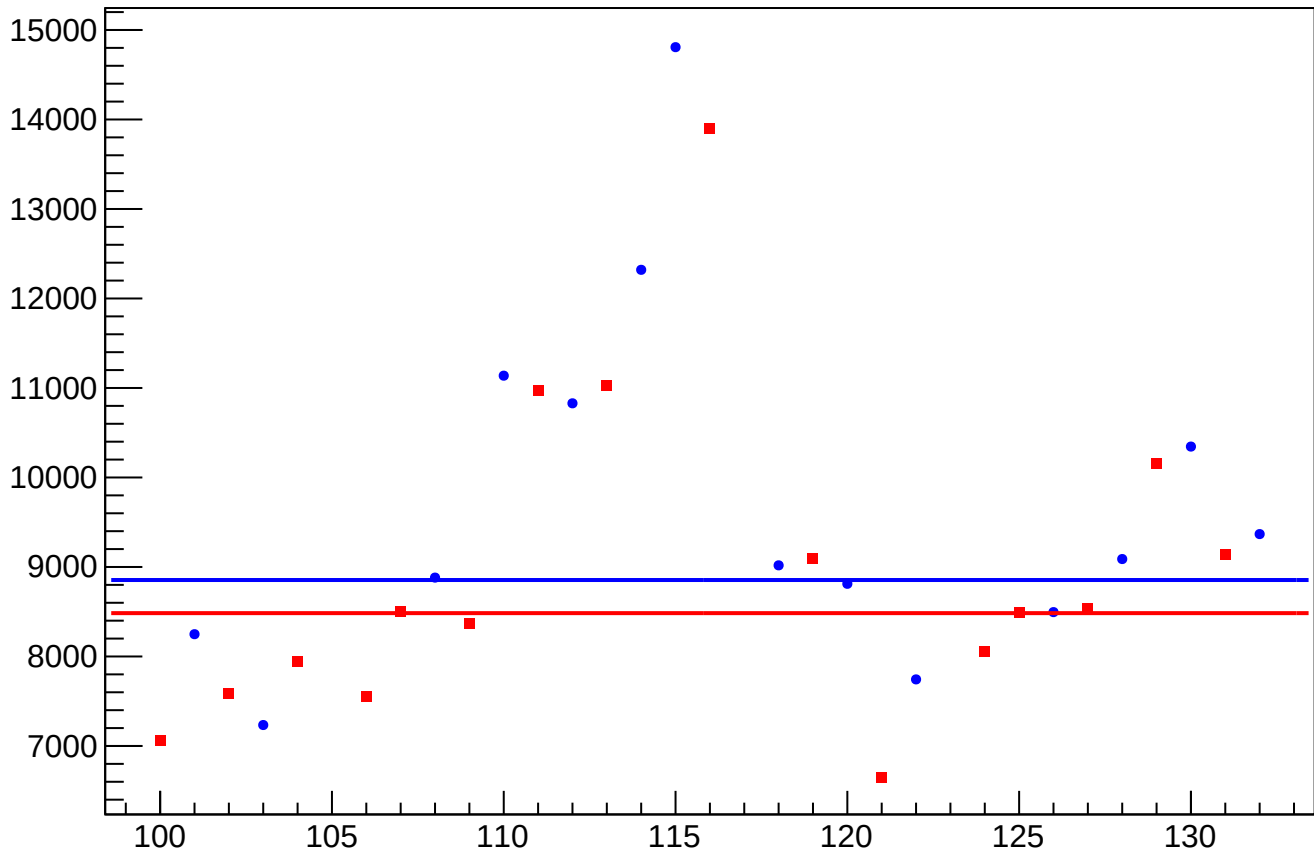
Right: -4.897+/-2.507 χ^2/NDF : 26.4/29

In: -7.521+/-3.665 χ^2/NDF : 7.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.897+/-2.507 χ^2/NDF : 26.4/29

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8854.321+/-2.592 χ^2/NDF : 240228.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 8484.298+/-2.430 χ^2/NDF : 309848.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

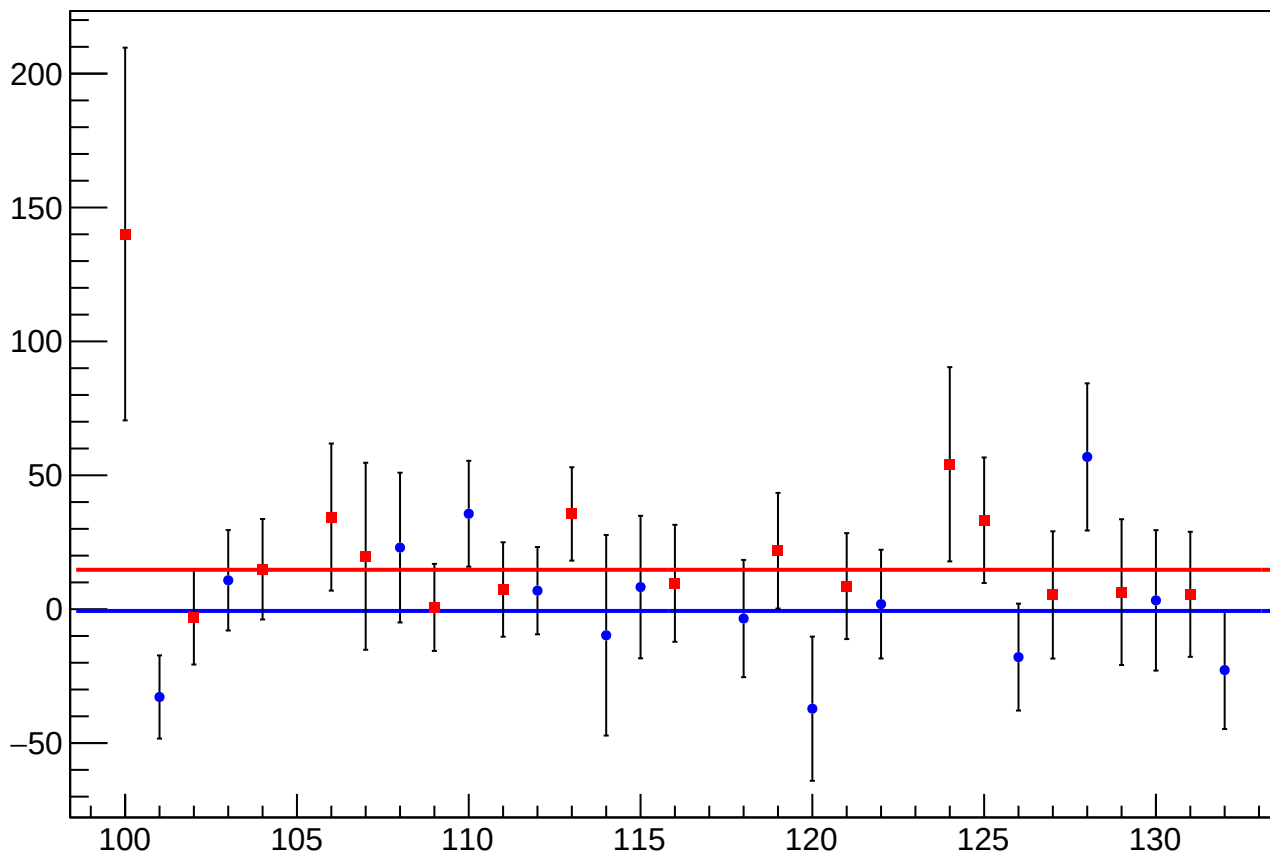
Right: 8657.431+/-1.773 χ^2/NDF : 560921.7/29

In: 8854.321+/-2.592 χ^2/NDF :240228.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 8657.431+/-1.773 χ^2/NDF : 560921.7/29

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.652+/-5.778 χ^2/NDF : 17.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.719+/-5.504 χ^2/NDF : 9.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

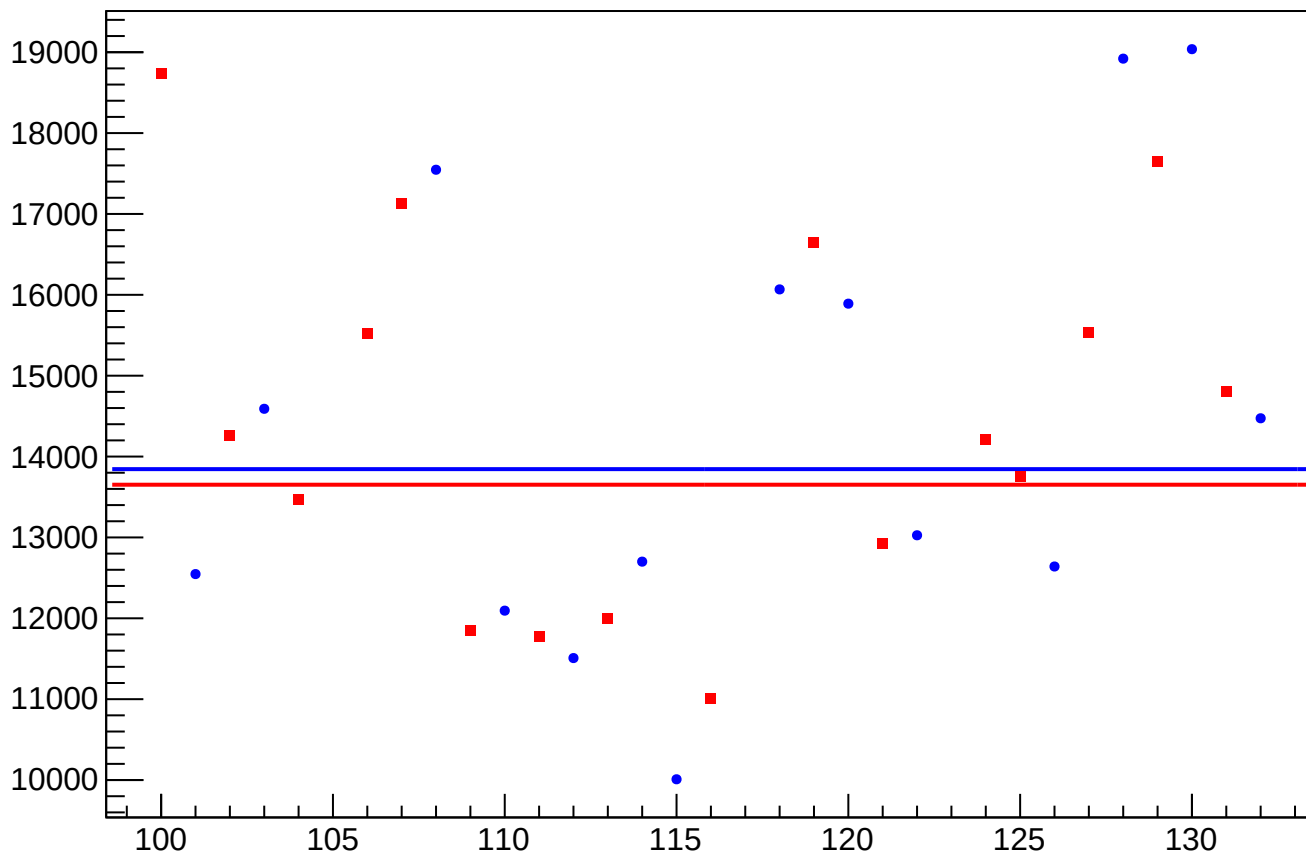
Right: 7.406+/-3.985 χ^2/NDF : 30.5/29

In: -0.652+/-5.778 χ^2/NDF : 17.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.406+/-3.985 χ^2/NDF : 30.5/29

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 13844.596+/-4.085 χ^2/NDF : 343291.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 13651.873+/-3.892 χ^2/NDF : 239154.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

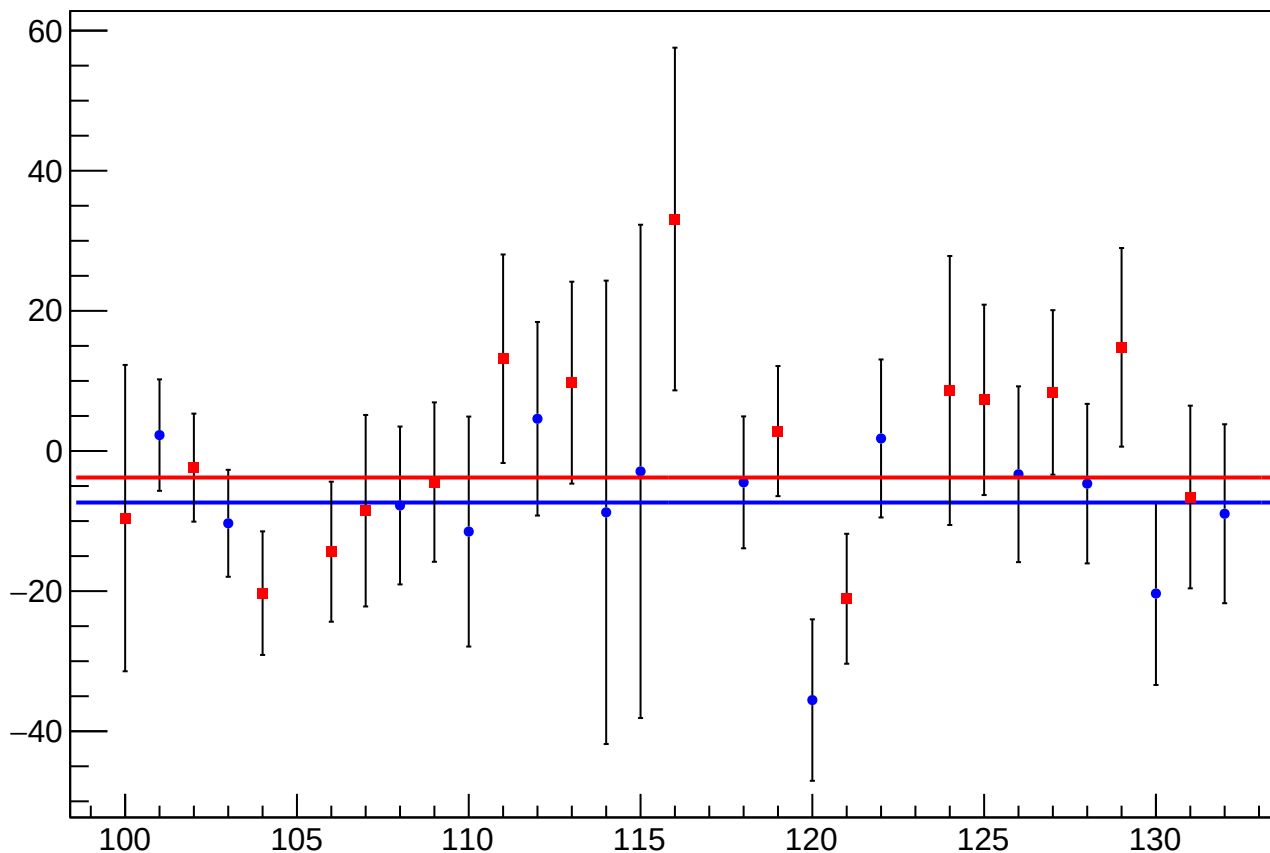
Right: 13743.567+/-2.818 χ^2/NDF : 583612.8/29

In: 13844.596+/-4.085 χ^2/NDF :343291.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 13743.567+/-2.818 χ^2/NDF : 583612.8/29

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -7.354+/-3.097 χ^2/NDF : 10.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.785+/-2.944 χ^2/NDF : 17.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

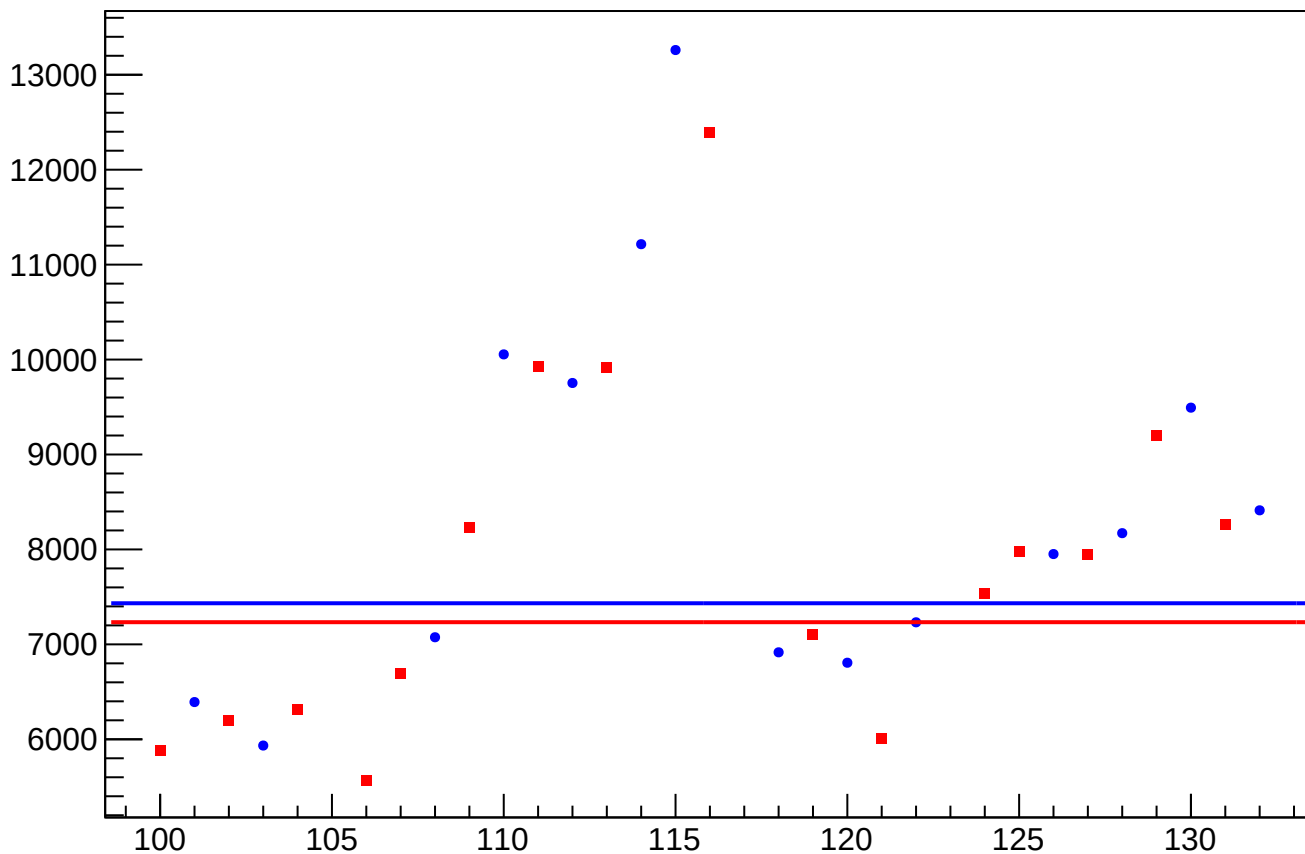
Right: -5.480+/-2.134 χ^2/NDF : 28.3/29

In: -7.354+/-3.097 χ^2/NDF : 10.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.480+/-2.134 χ^2/NDF : 28.3/29

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 7433.001+/-2.190 χ^2/NDF : 387743.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7233.554+/-2.082 χ^2/NDF : 463176.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

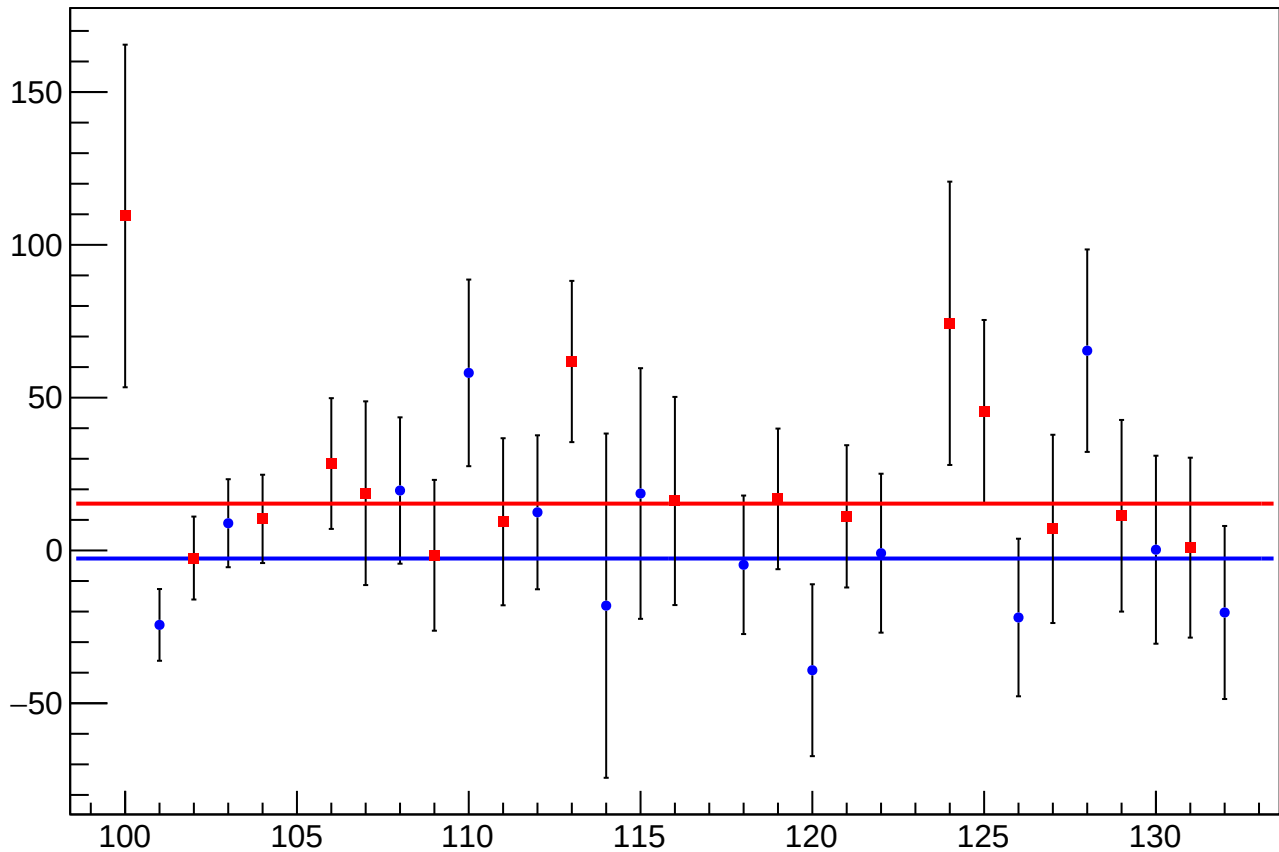
Right: 7328.247+/-1.509 χ^2/NDF : 855276.6/29

In: 7433.001+/-2.190 χ^2/NDF : 387743.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7328.247+/-1.509 χ^2/NDF : 855276.6/29

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -2.640 ± 6.109 $\chi^2/\text{NDF}: 16.5/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 15.323 ± 6.015 $\chi^2/\text{NDF}: 11.7/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

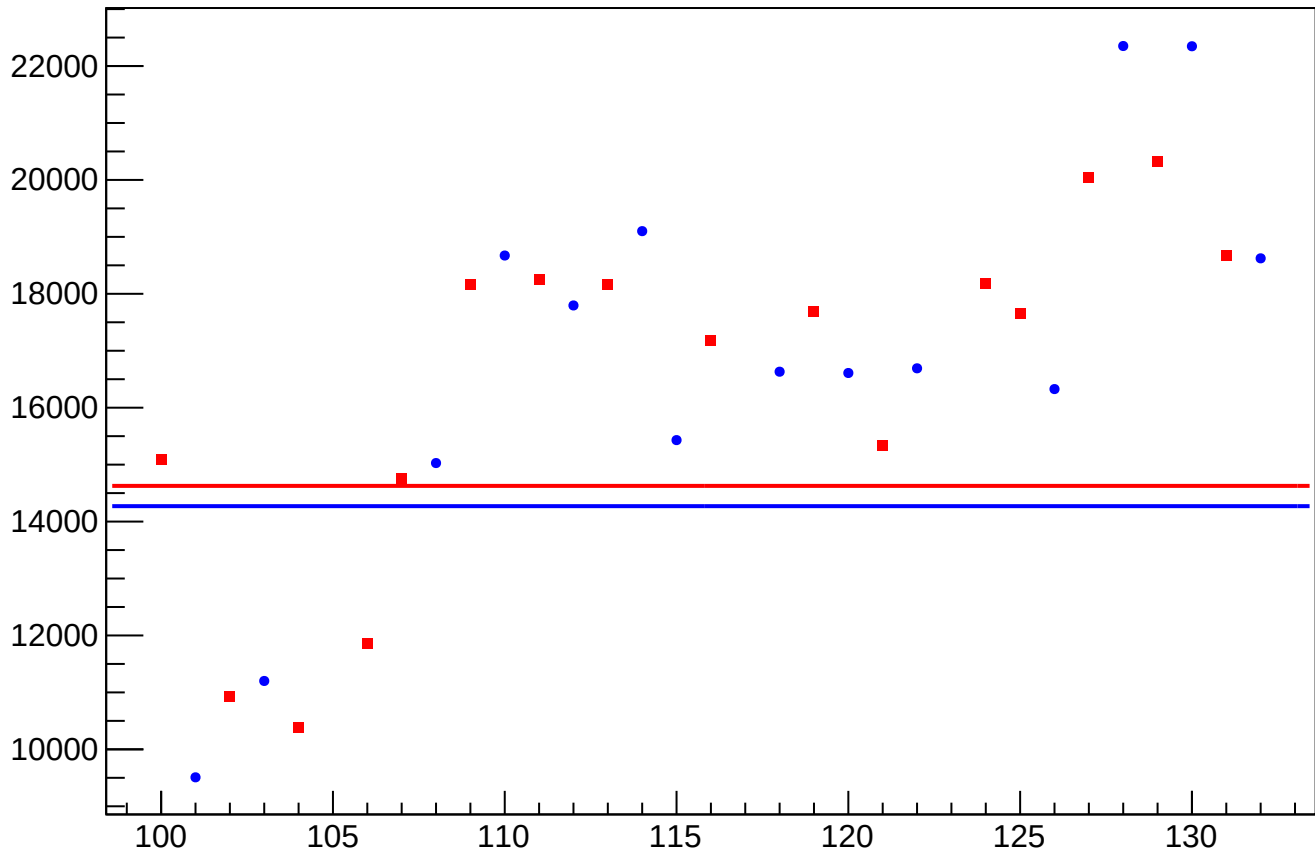
Right: 6.481 ± 4.286 $\chi^2/\text{NDF}: 32.5/29$

In: -2.640 ± 6.109 $\chi^2/\text{NDF}: 16.5/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 6.481 ± 4.286 $\chi^2/\text{NDF}: 32.5/29$

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 14270.760+/-4.320 χ^2/NDF : 888817.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14626.800+/-4.253 χ^2/NDF : 714103.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

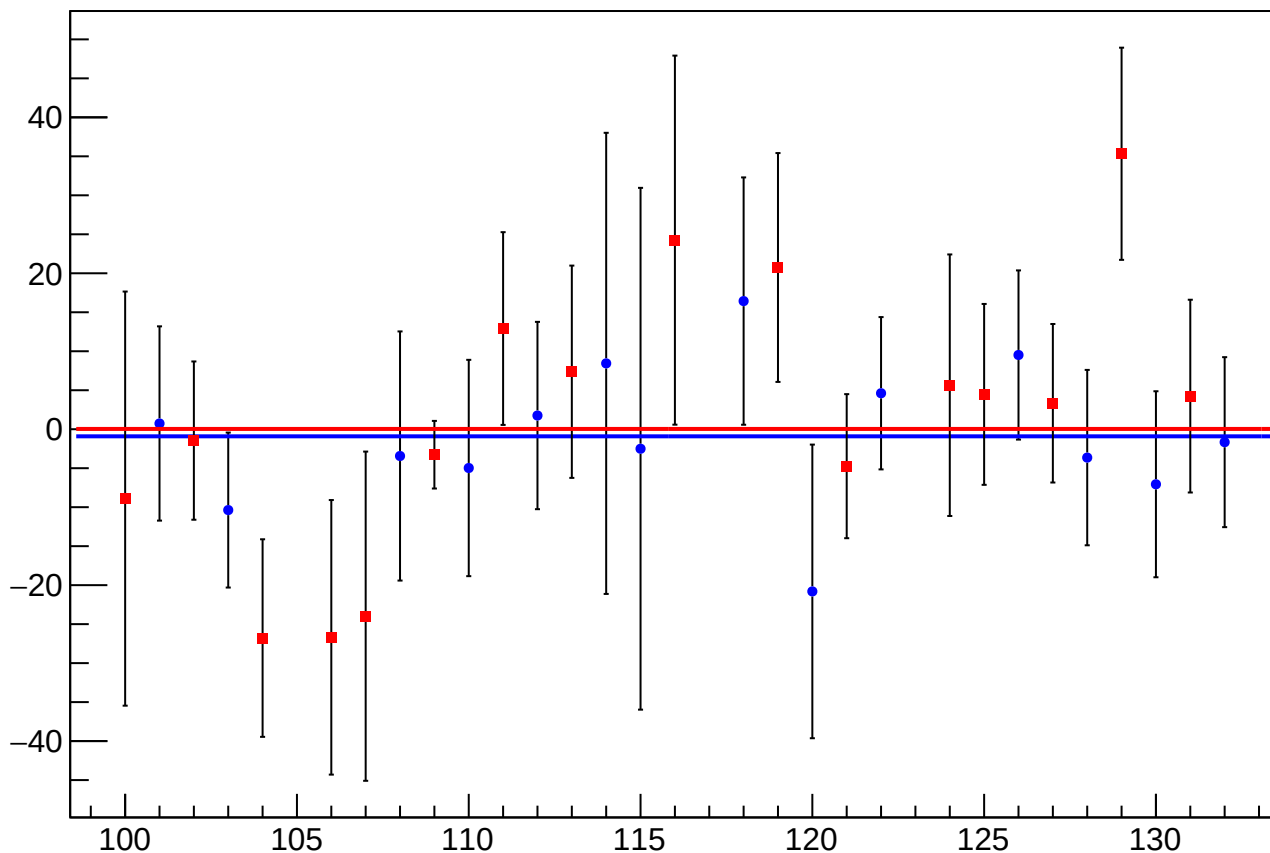
Right: 14451.545+/-3.031 χ^2/NDF : 1606369.7/29

In: 14270.760+/-4.320 χ^2/NDF : 888817.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14451.545+/-3.031 χ^2/NDF : 1606369.7/29

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: -0.912 ± 3.455 χ^2/NDF : 5.1/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.036 ± 2.685 χ^2/NDF : 20.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

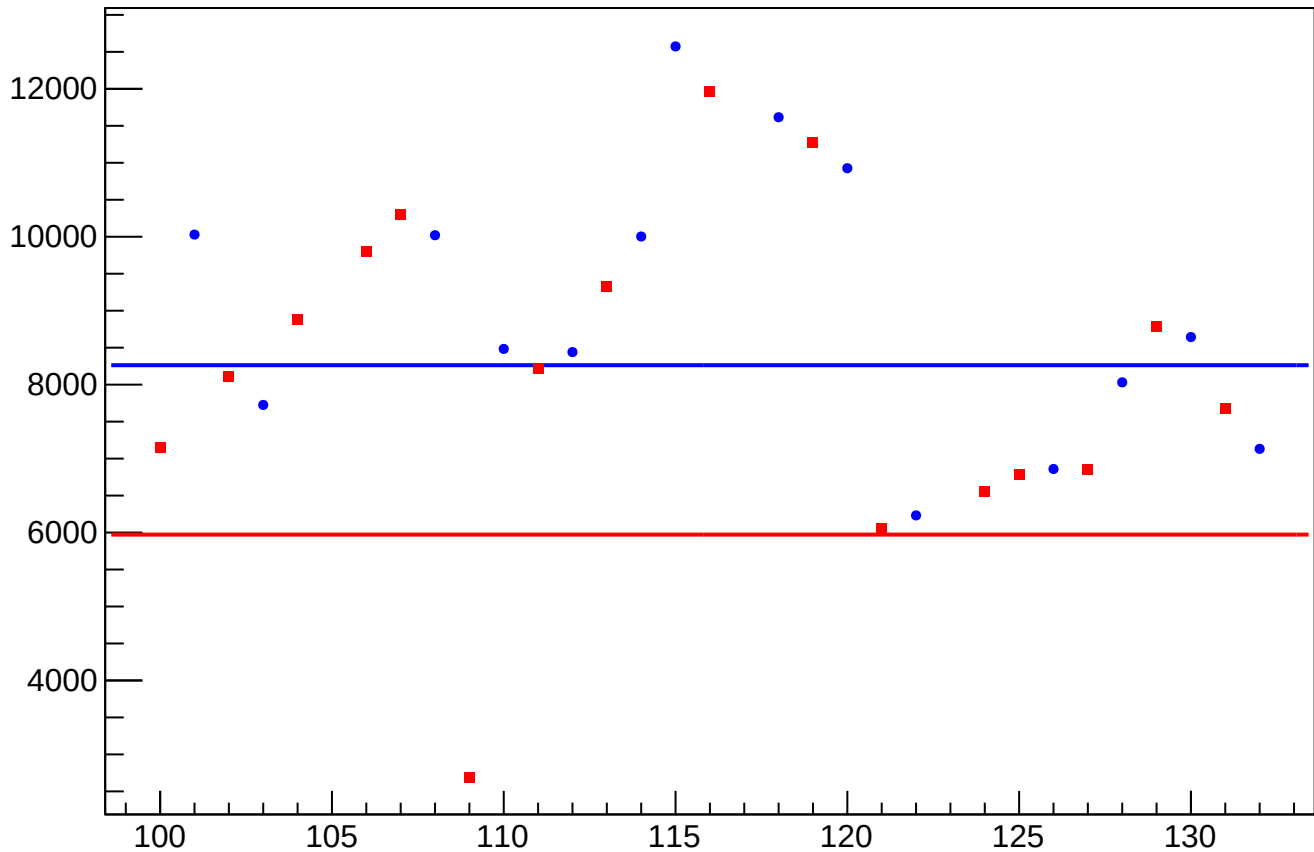
Right: -0.321 ± 2.120 χ^2/NDF : 25.8/29

In: -0.912 ± 3.455 χ^2/NDF : 5.1/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.321 ± 2.120 χ^2/NDF : 25.8/29

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 8262.835+/-2.443 χ^2/NDF : 385087.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5972.269+/-1.899 χ^2/NDF : 2253297.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

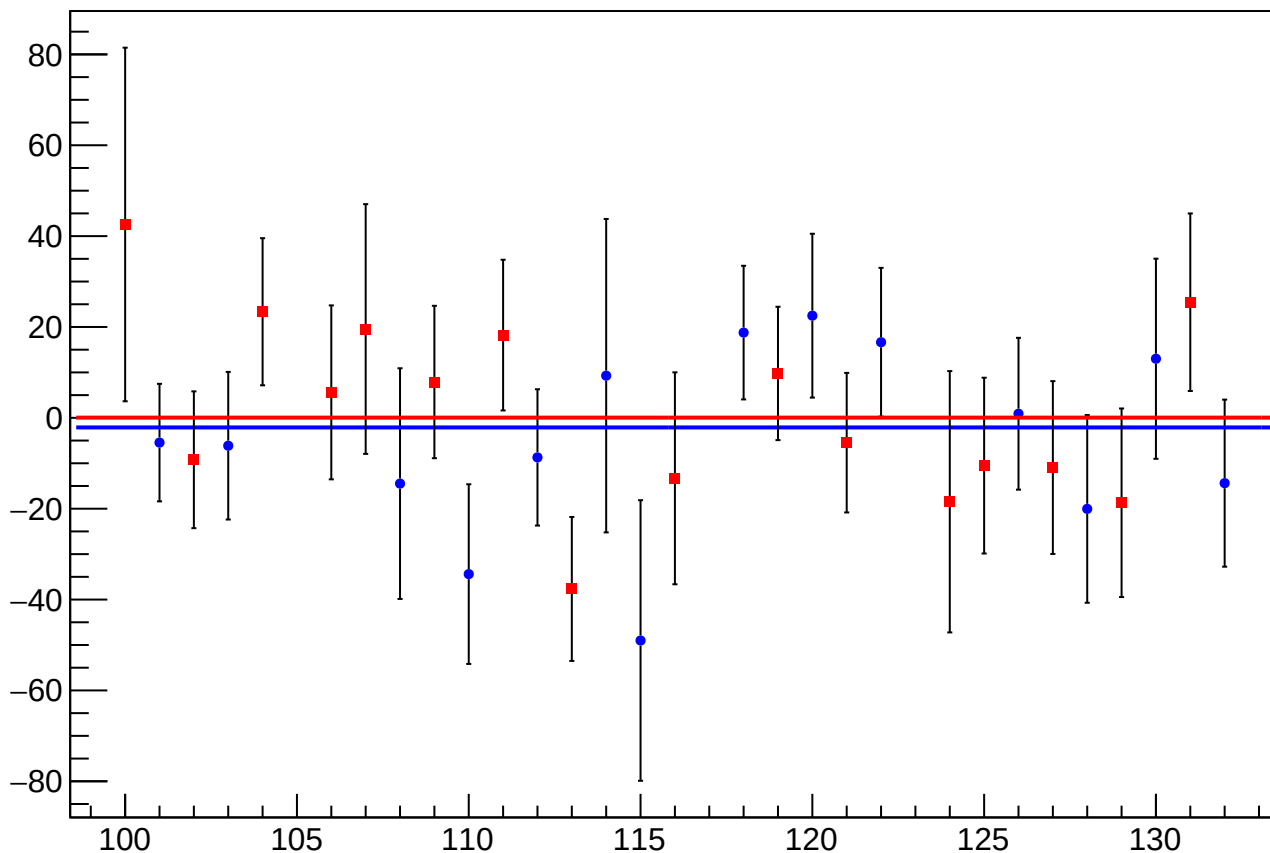
Right: 6834.781+/-1.499 χ^2/NDF : 3186407.2/29

In: 8262.835+/-2.443 χ^2/NDF : 385087.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6834.781+/-1.499 χ^2/NDF : 3186407.2/29

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -2.112 $\pm$ 4.846 χ^2 /NDF: 12.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.046 $\pm$ 4.642 χ^2 /NDF: 15.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

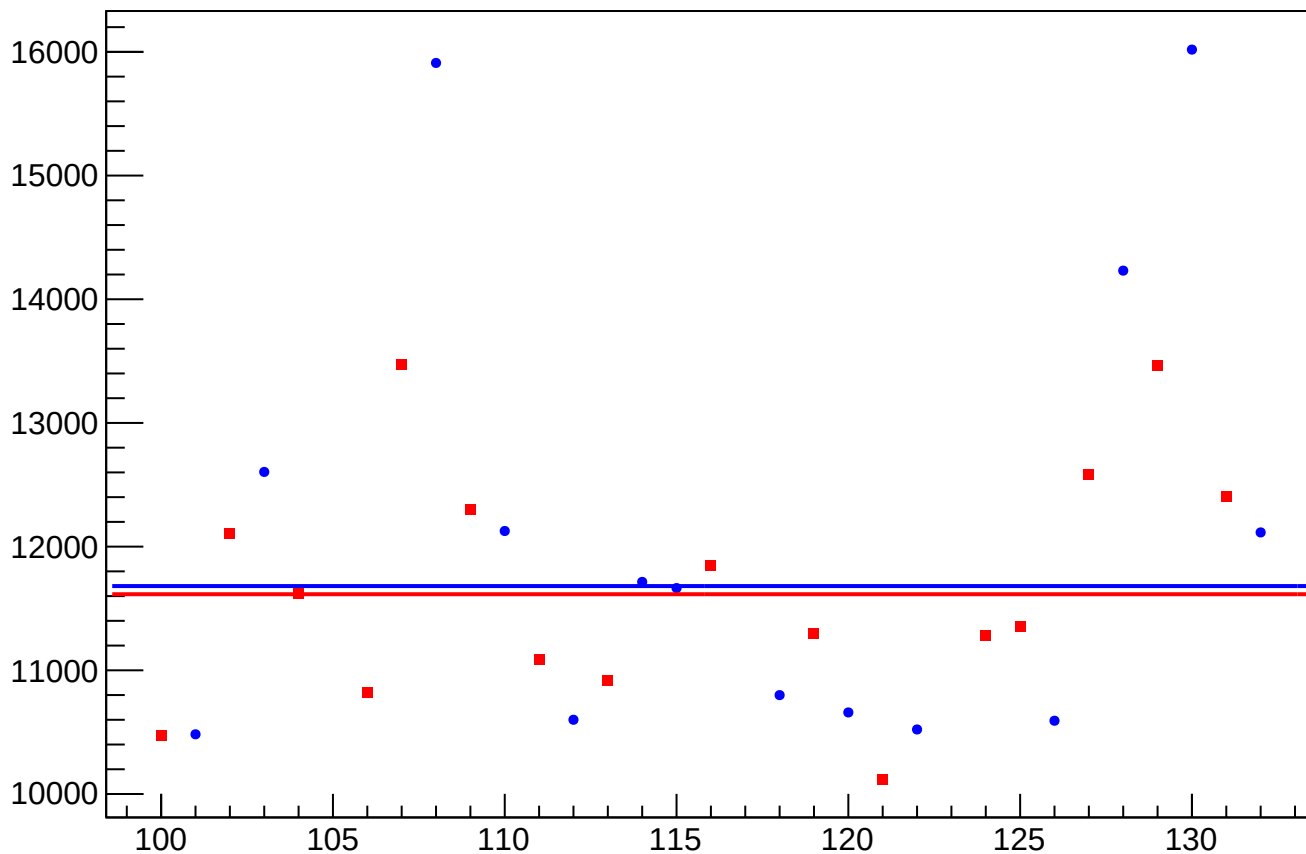
Right: -0.986 $\pm$ 3.352 χ^2 /NDF: 28.4/29

In: -2.112 $\pm$ 4.846 χ^2 /NDF:12.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.986 $\pm$ 3.352 χ^2 /NDF: 28.4/29

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11681.112+/-3.427 χ^2/NDF : 231797.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11615.089+/-3.282 χ^2/NDF : 70643.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

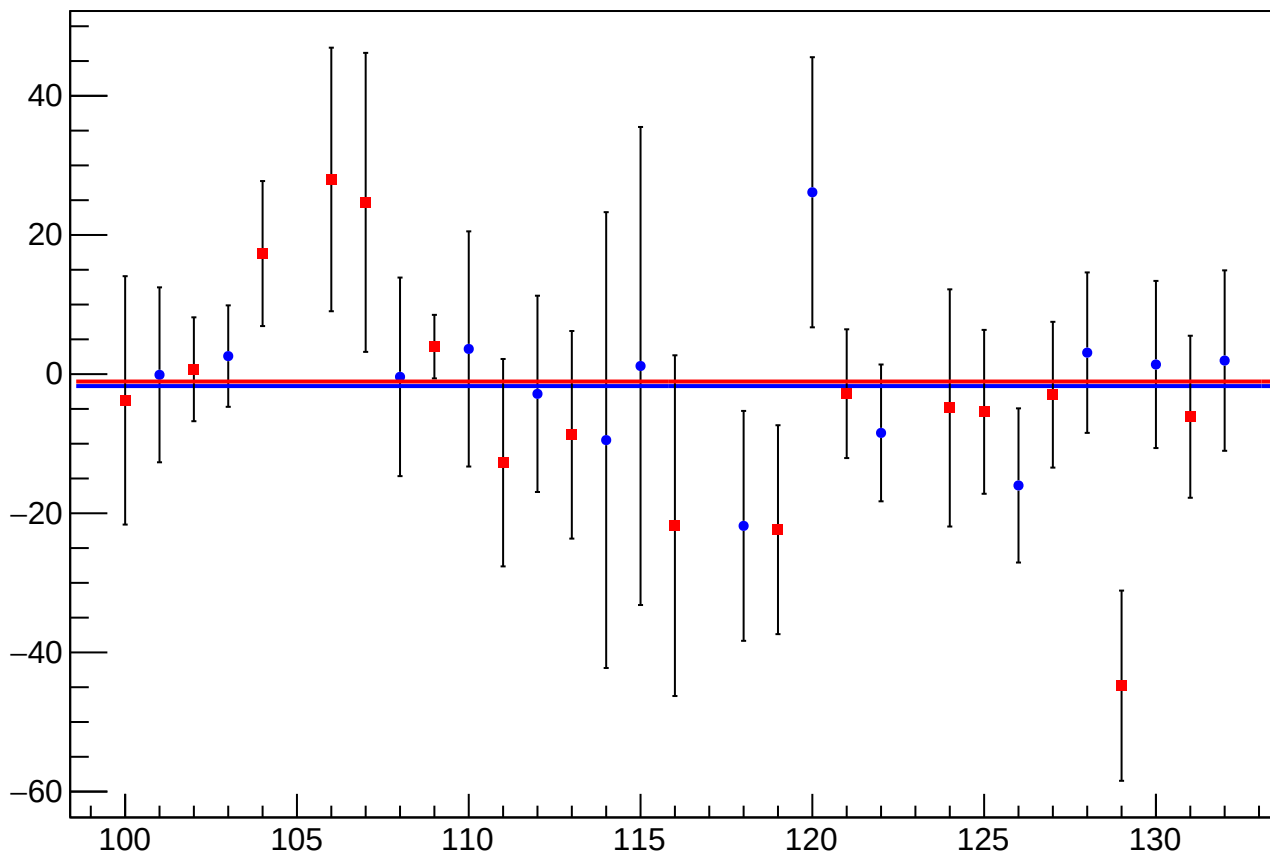
Right: 11646.678+/-2.370 χ^2/NDF : 302634.4/29

In: 11681.112+/-3.427 χ^2/NDF : 231797.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11646.678+/-2.370 χ^2/NDF : 302634.4/29

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -1.719+/-3.419 χ^2/NDF : 6.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.062+/-2.649 χ^2/NDF : 22.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

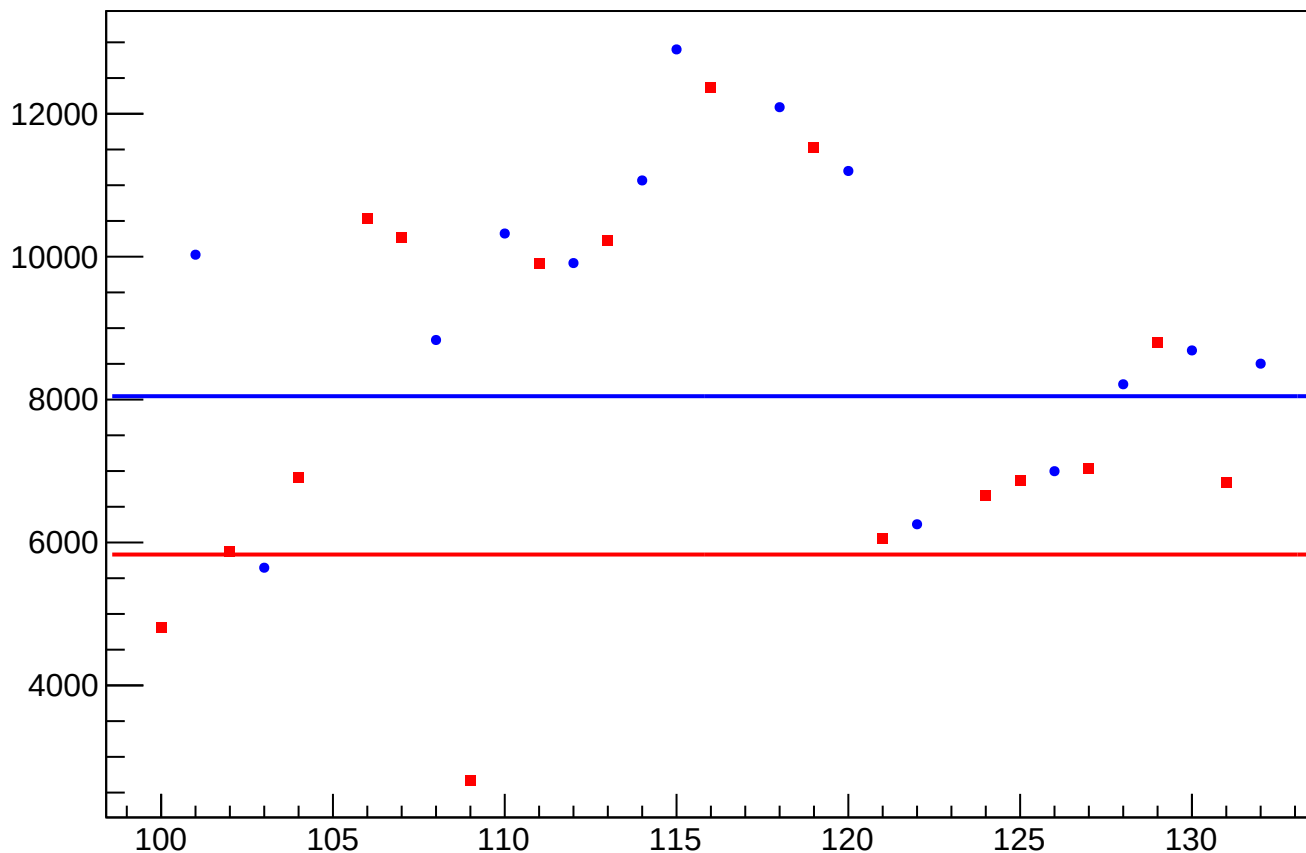
Right: -1.308+/-2.094 χ^2/NDF : 29.0/29

In: -1.719+/-3.419 χ^2/NDF : 6.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.308+/-2.094 χ^2/NDF : 29.0/29

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 8047.421+/-2.417 χ^2/NDF : 666111.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5831.535+/-1.873 χ^2/NDF : 2106961.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

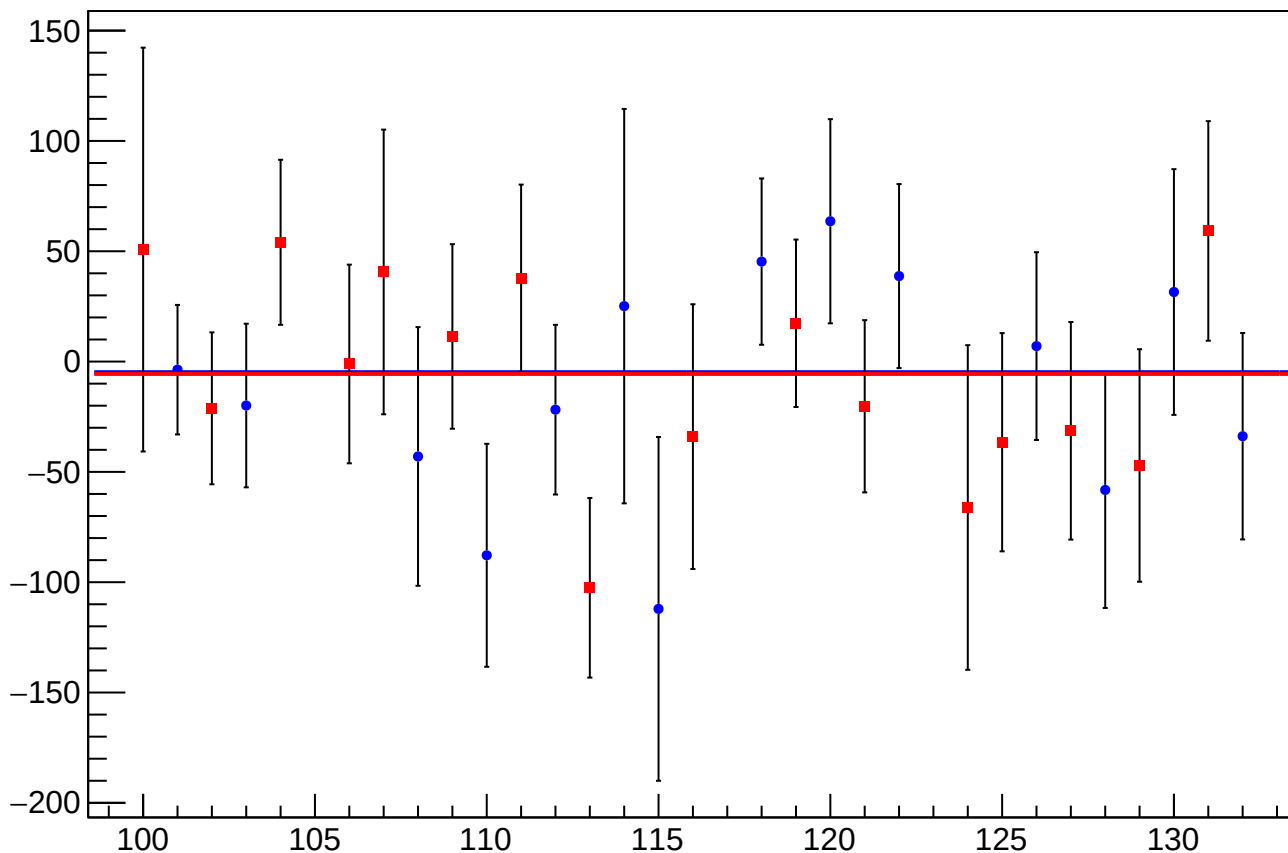
Right: 6662.989+/-1.481 χ^2/NDF : 3298008.3/29

In: 8047.421+/-2.417 χ^2/NDF : 666111.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6662.989+/-1.481 χ^2/NDF : 3298008.3/29

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -4.821 ± 11.982 $\chi^2/\text{NDF}: 12.4/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -5.600 ± 11.517 $\chi^2/\text{NDF}: 14.9/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

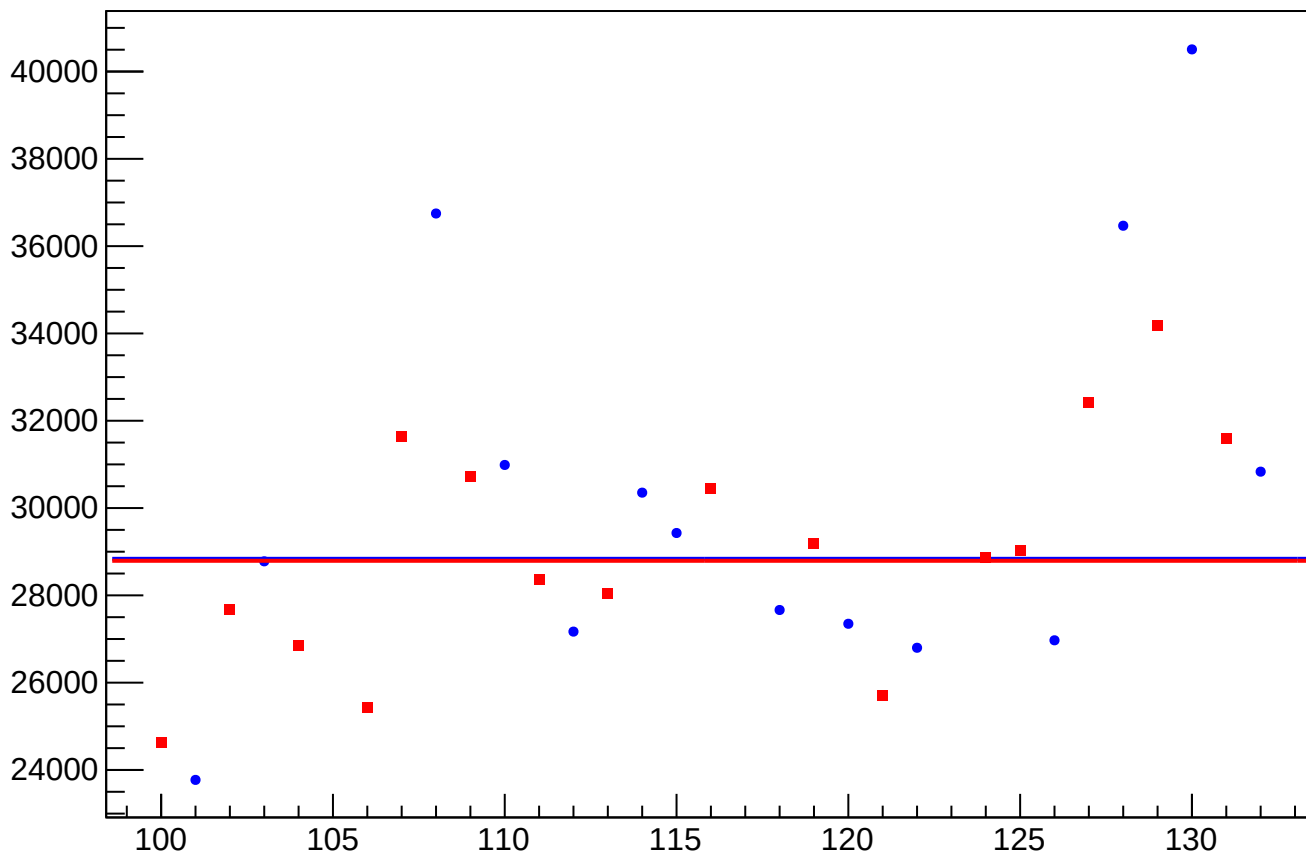
Right: -5.225 ± 8.303 $\chi^2/\text{NDF}: 27.4/29$

In: -4.821 ± 11.982 $\chi^2/\text{NDF}: 12.4/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -5.225 ± 8.303 $\chi^2/\text{NDF}: 27.4/29$

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 28836.922+/-8.473 χ^2/NDF : 248867.9/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 28791.963+/-8.143 χ^2/NDF : 84143.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

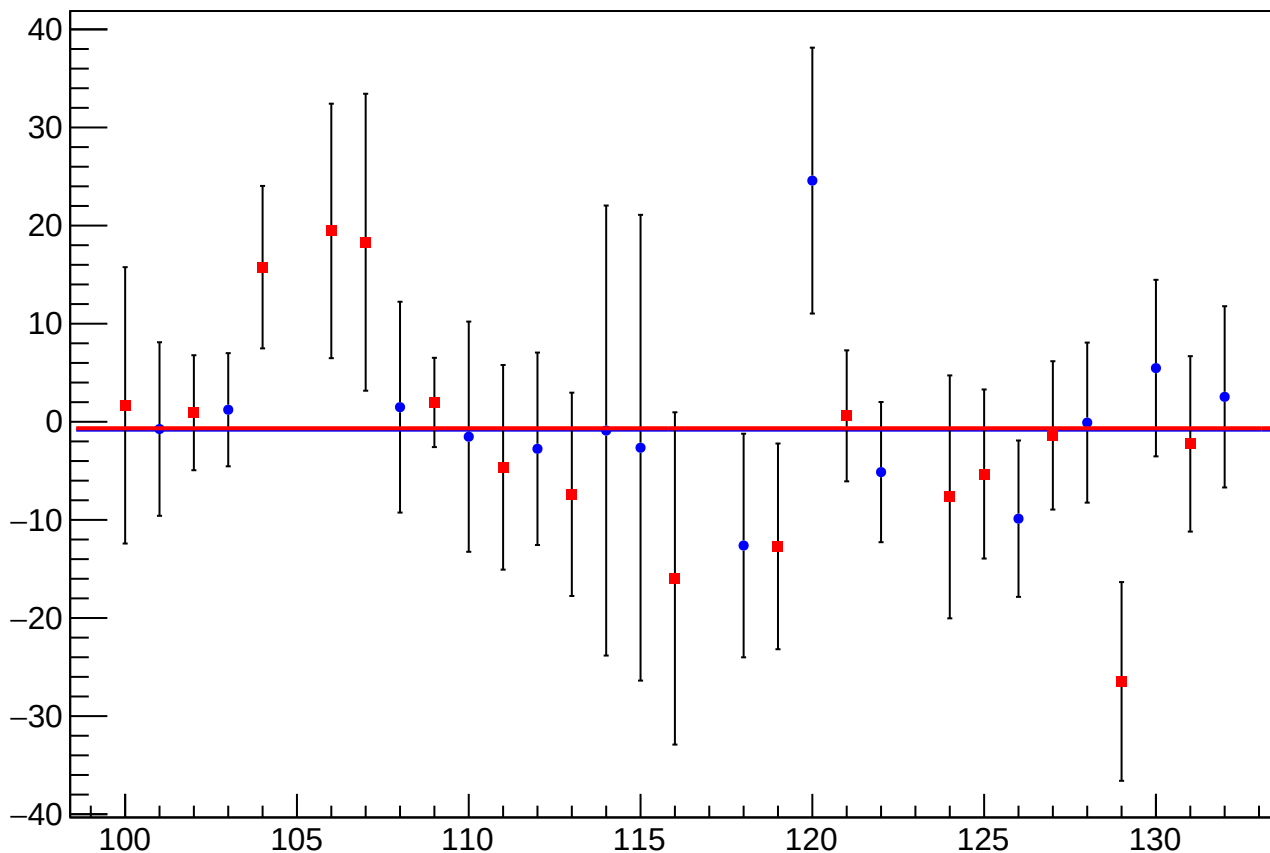
Right: 28813.551+/-5.871 χ^2/NDF : 333025.5/29

In: 28836.922+/-8.473 χ^2/NDF :248867.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 28813.551+/-5.871 χ^2/NDF : 333025.5/29

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -0.802 $\pm$ 2.497 χ^2/NDF : 7.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.658 $\pm$ 2.129 χ^2/NDF : 18.2/15

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

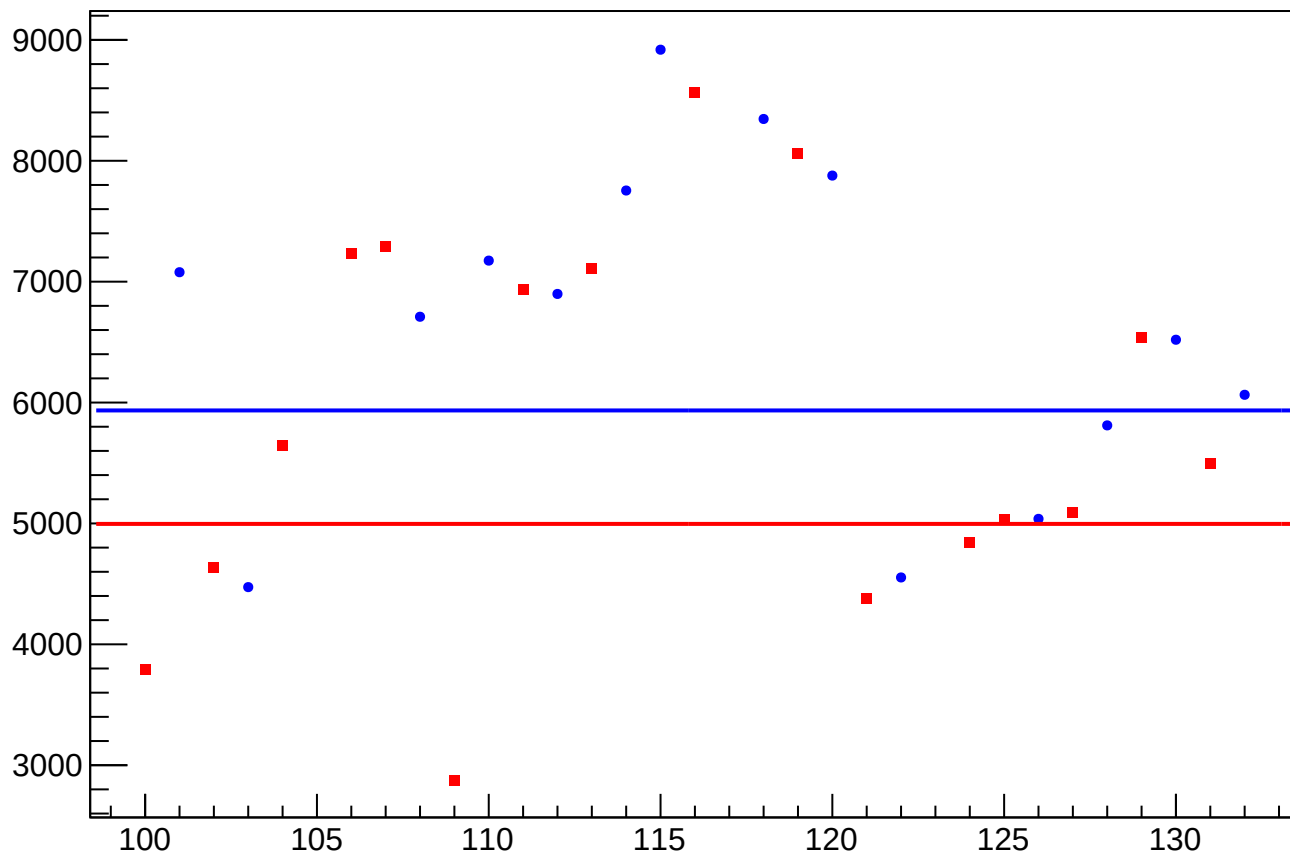
Right: -0.718 $\pm$ 1.620 χ^2/NDF : 25.3/29

In: -0.802 $\pm$ 2.497 χ^2/NDF : 7.1/13

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.718 $\pm$ 1.620 χ^2/NDF : 25.3/29

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 5934.772+/-1.765 χ^2/NDF : 498167.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4996.112+/-1.505 χ^2/NDF : 1057071.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

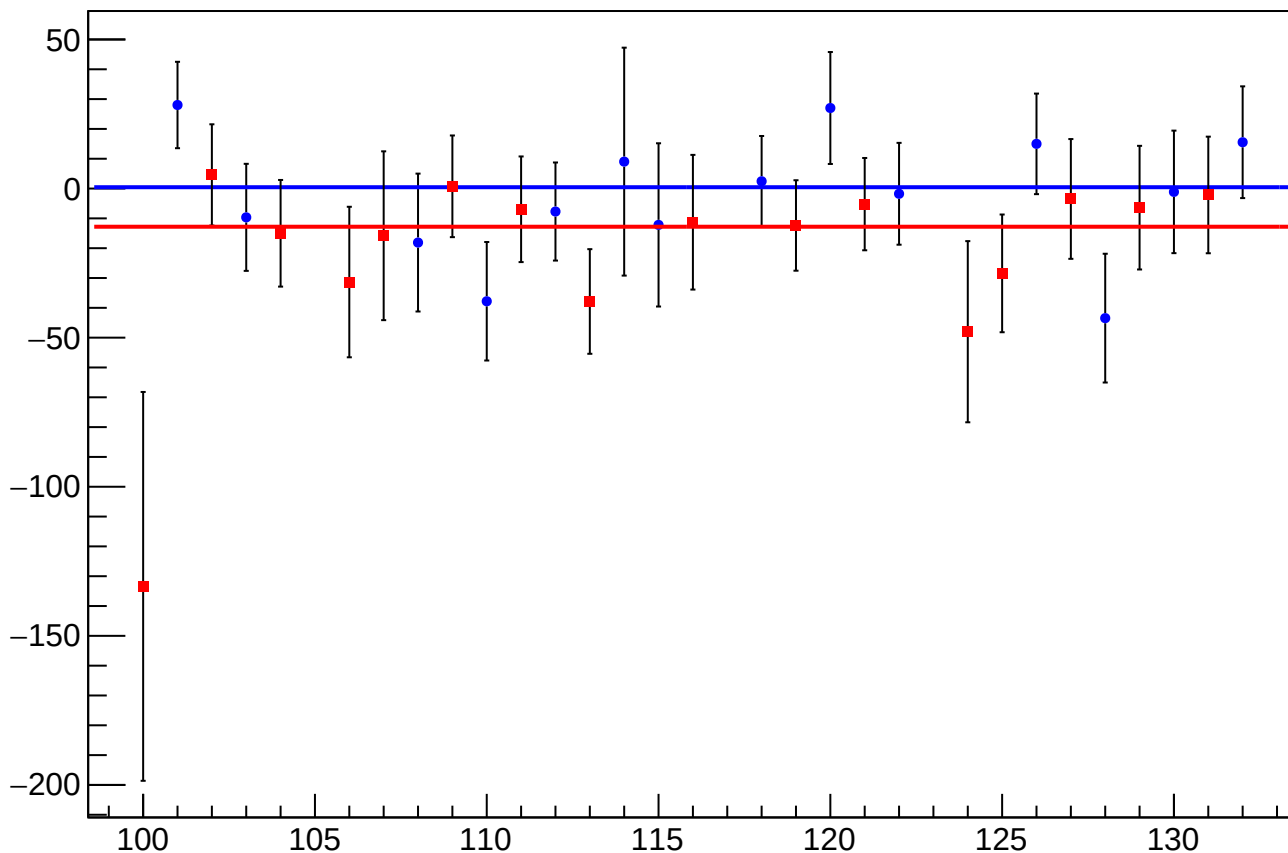
Right: 5391.299+/-1.146 χ^2/NDF : 1718915.5/29

In: 5934.772+/-1.765 χ^2/NDF : 498167.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5391.299+/-1.146 χ^2/NDF : 1718915.5/29

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: 0.451+/-5.033 χ^2/NDF : 16.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.800+/-4.934 χ^2/NDF : 10.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

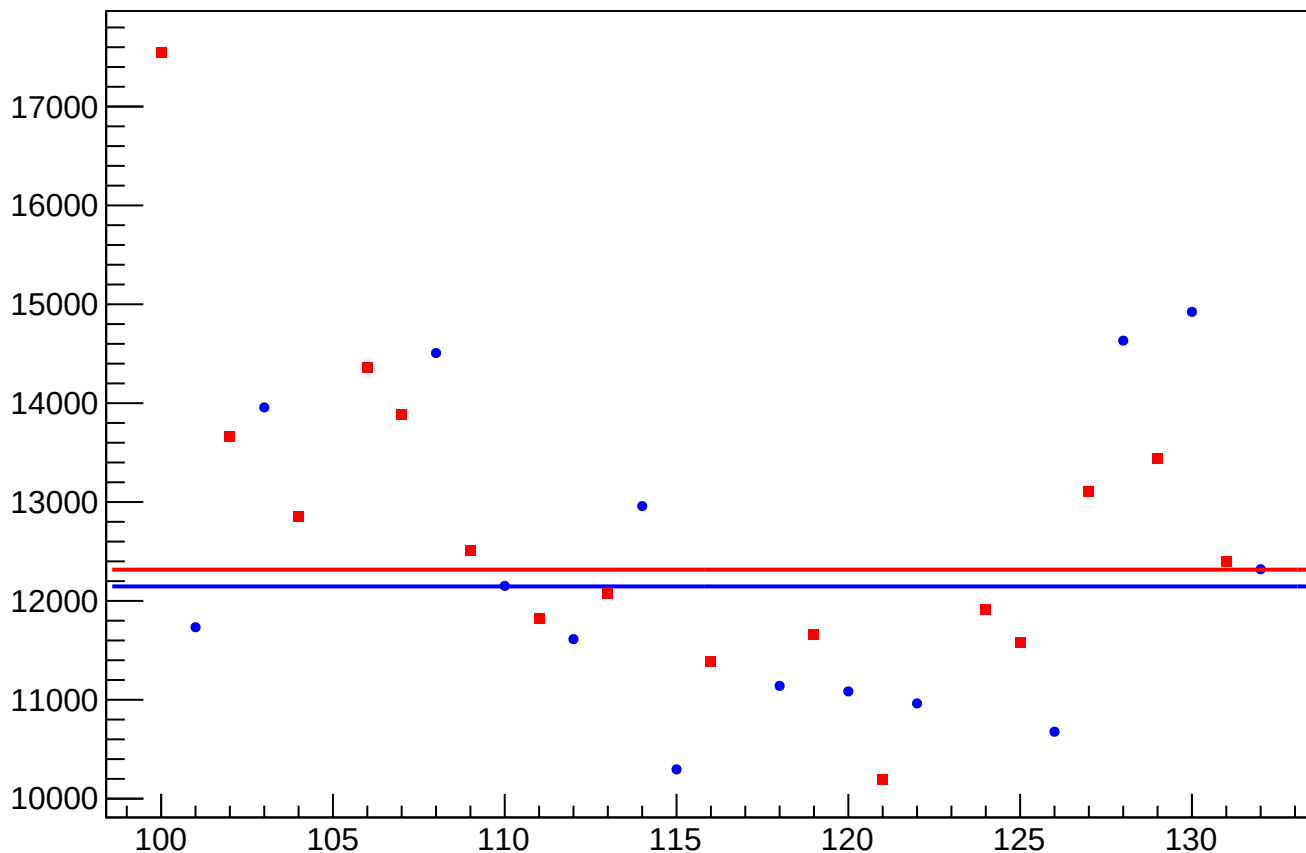
Right: -6.307+/-3.523 χ^2/NDF : 30.5/29

In: 0.451+/-5.033 χ^2/NDF : 16.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.307+/-3.523 χ^2/NDF : 30.5/29

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 12146.625+/-3.559 χ^2/NDF : 158161.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12316.071+/-3.489 χ^2/NDF : 105619.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

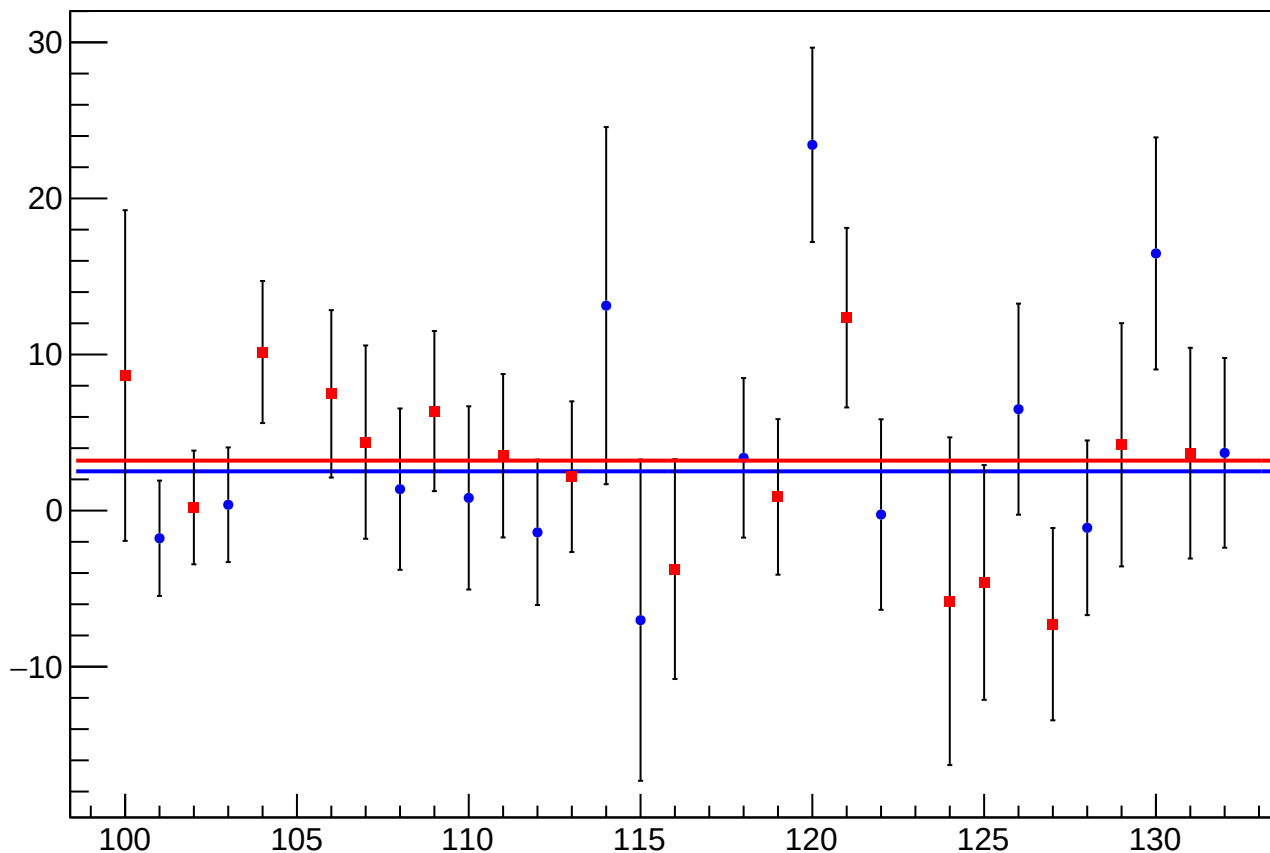
Right: 12233.039+/-2.491 χ^2/NDF : 264936.6/29

In: 12146.625+/-3.559 χ^2/NDF : 158161.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12233.039+/-2.491 χ^2/NDF : 264936.6/29

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 2.517+/-1.463 χ^2/NDF : 20.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.202+/-1.424 χ^2/NDF : 12.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

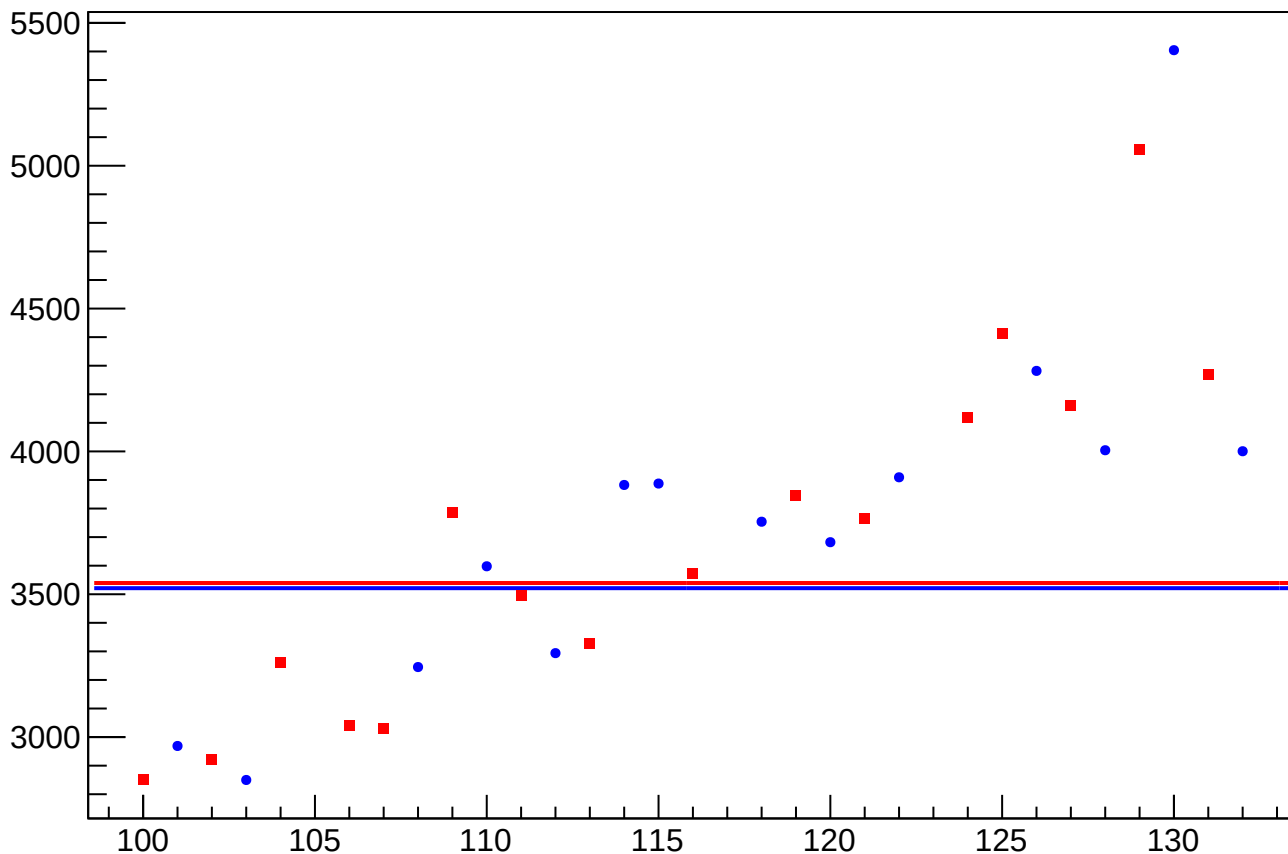
Right: 2.869+/-1.021 χ^2/NDF : 33.0/29

In: 2.517+/-1.463 χ^2/NDF : 20.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.869+/-1.021 χ^2/NDF : 33.0/29

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3521.235+/-1.035 χ^2/NDF : 321422.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3539.313+/-1.007 χ^2/NDF : 276446.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

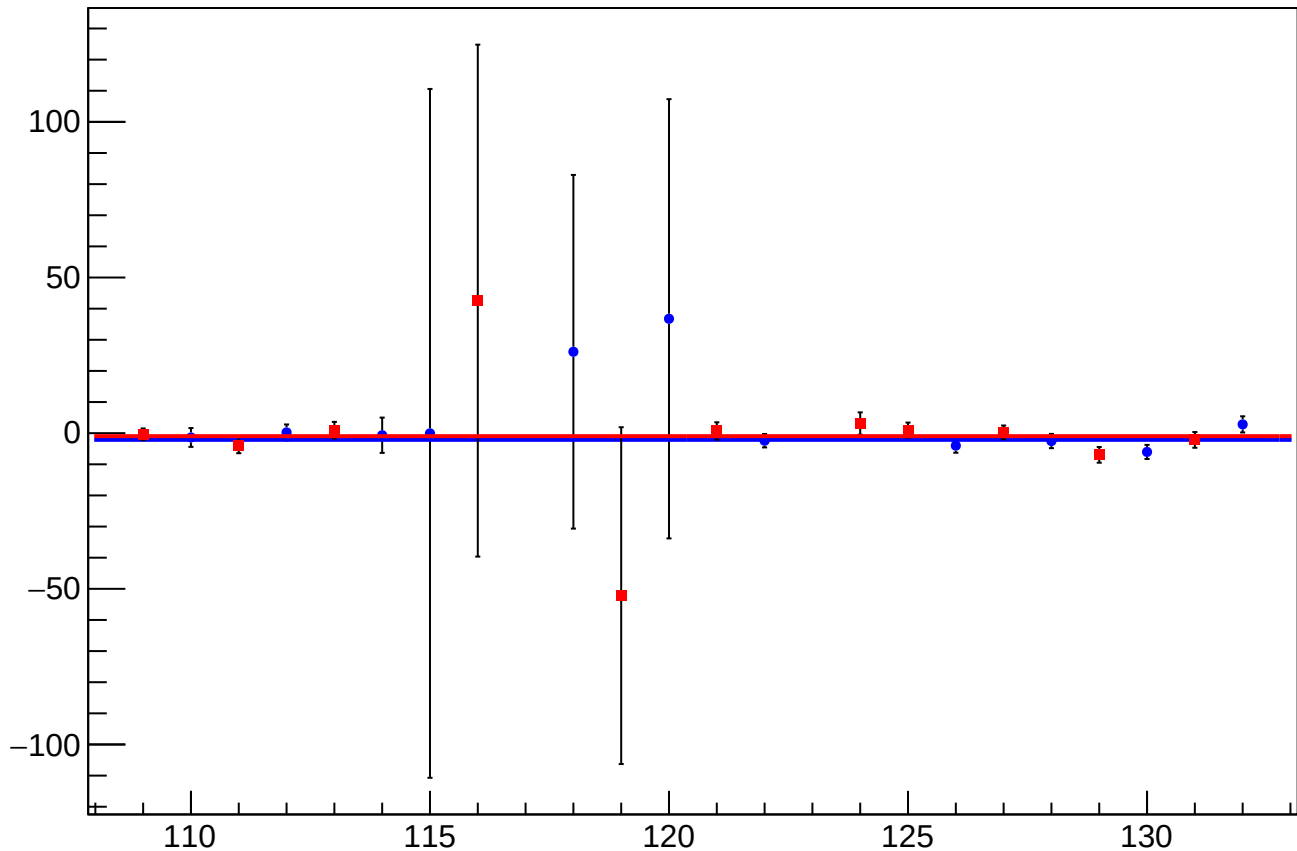
Right: 3530.520+/-0.722 χ^2/NDF : 598026.1/29

In: 3521.235+/-1.035 χ^2/NDF :321422.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3530.520+/-0.722 χ^2/NDF : 598026.1/29

diff_bpm1p02bX_mean vs Slug, Sign Corrected



Right In: -2.136+/-0.900 χ^2/NDF : 8.9/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.962+/-0.825 χ^2/NDF : 11.5/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

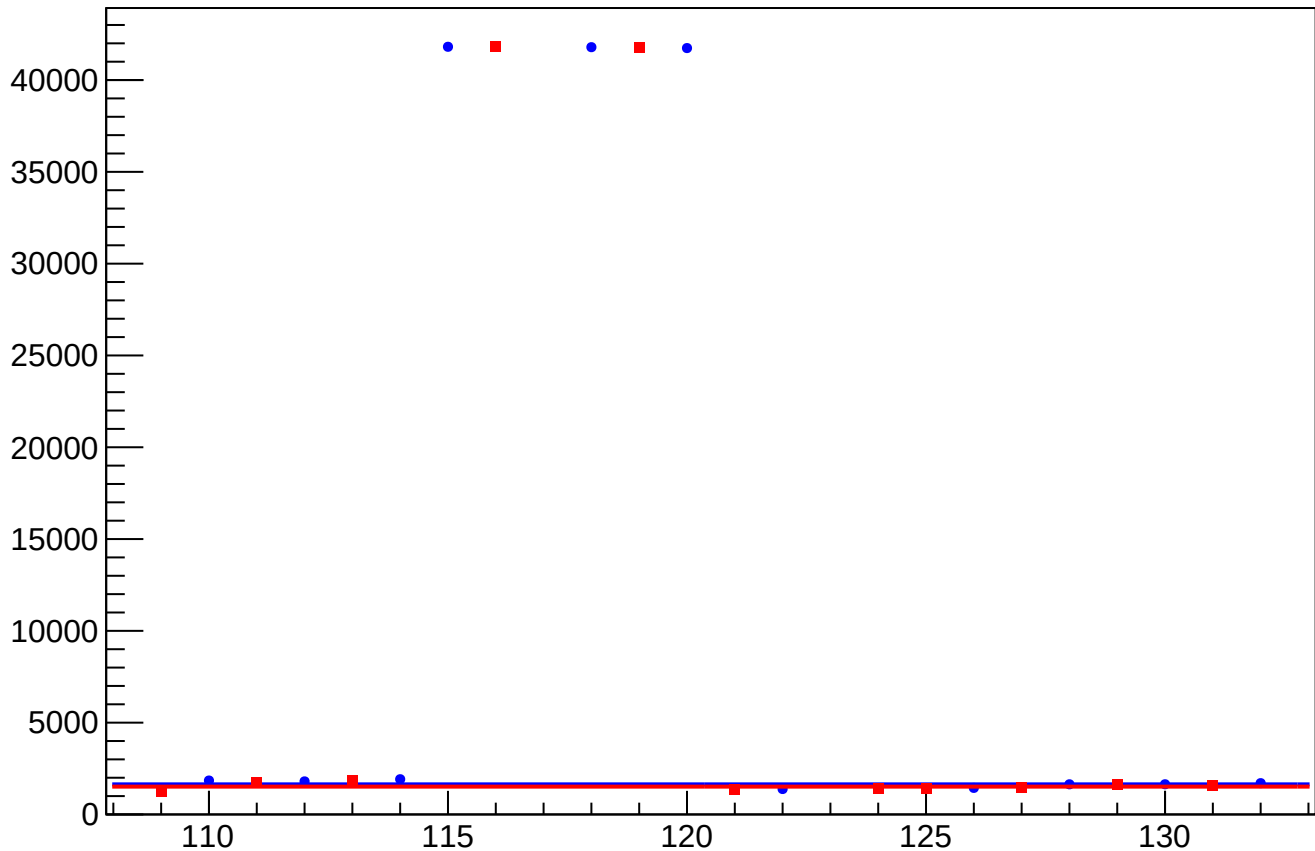
Right: -1.498+/-0.608 χ^2/NDF : 21.2/21

In: -2.136+/-0.900 χ^2/NDF : 8.9/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.498+/-0.608 χ^2/NDF : 21.2/21

diff_bpm1p02bX_rms vs Slug, Sign Corrected



Right In: 1639.432 $\pm$ 0.637 χ^2/NDF : 1974594.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1515.737 $\pm$ 0.583 χ^2/NDF : 1696011.1/10

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

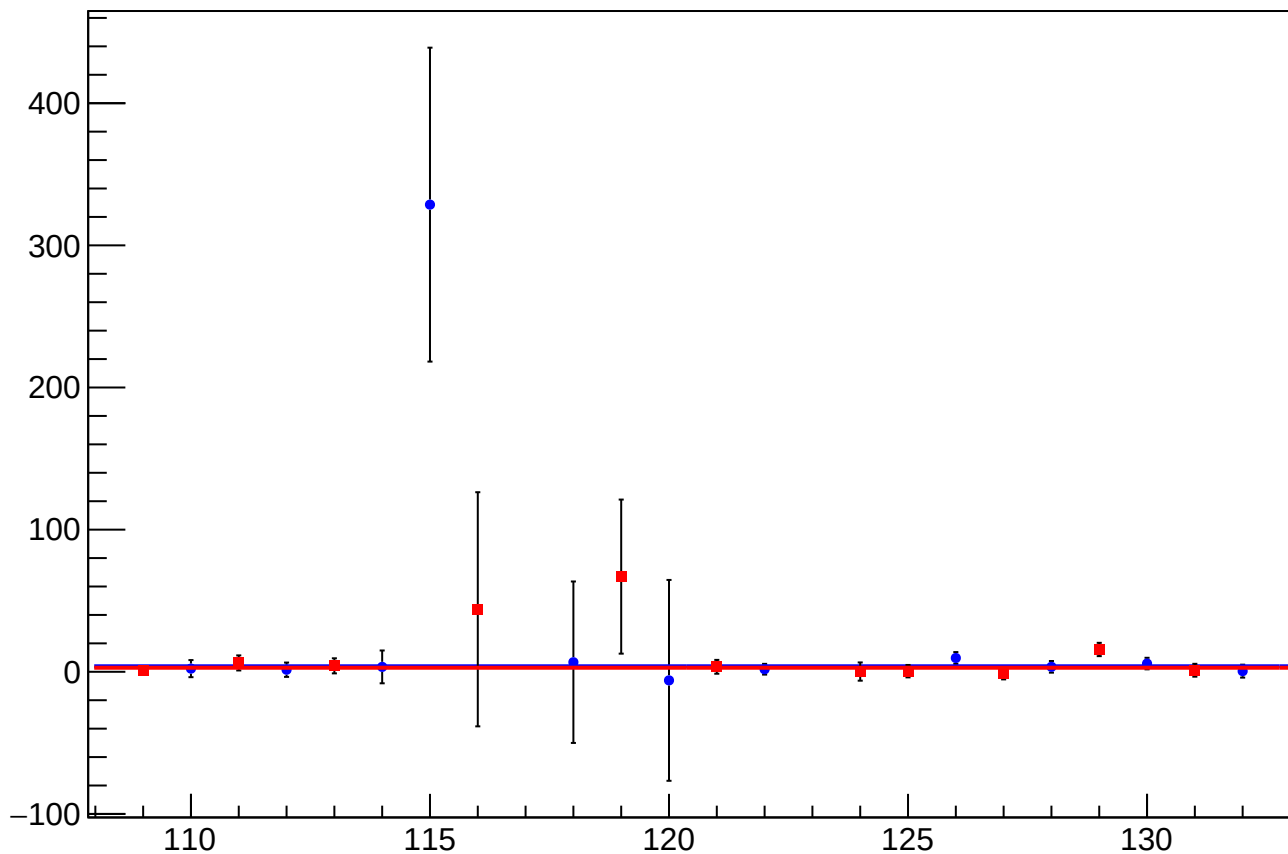
Right: 1572.213 $\pm$ 0.430 χ^2/NDF : 3691128.3/21

In: 1639.432 $\pm$ 0.637 χ^2/NDF : 1974594.7/10

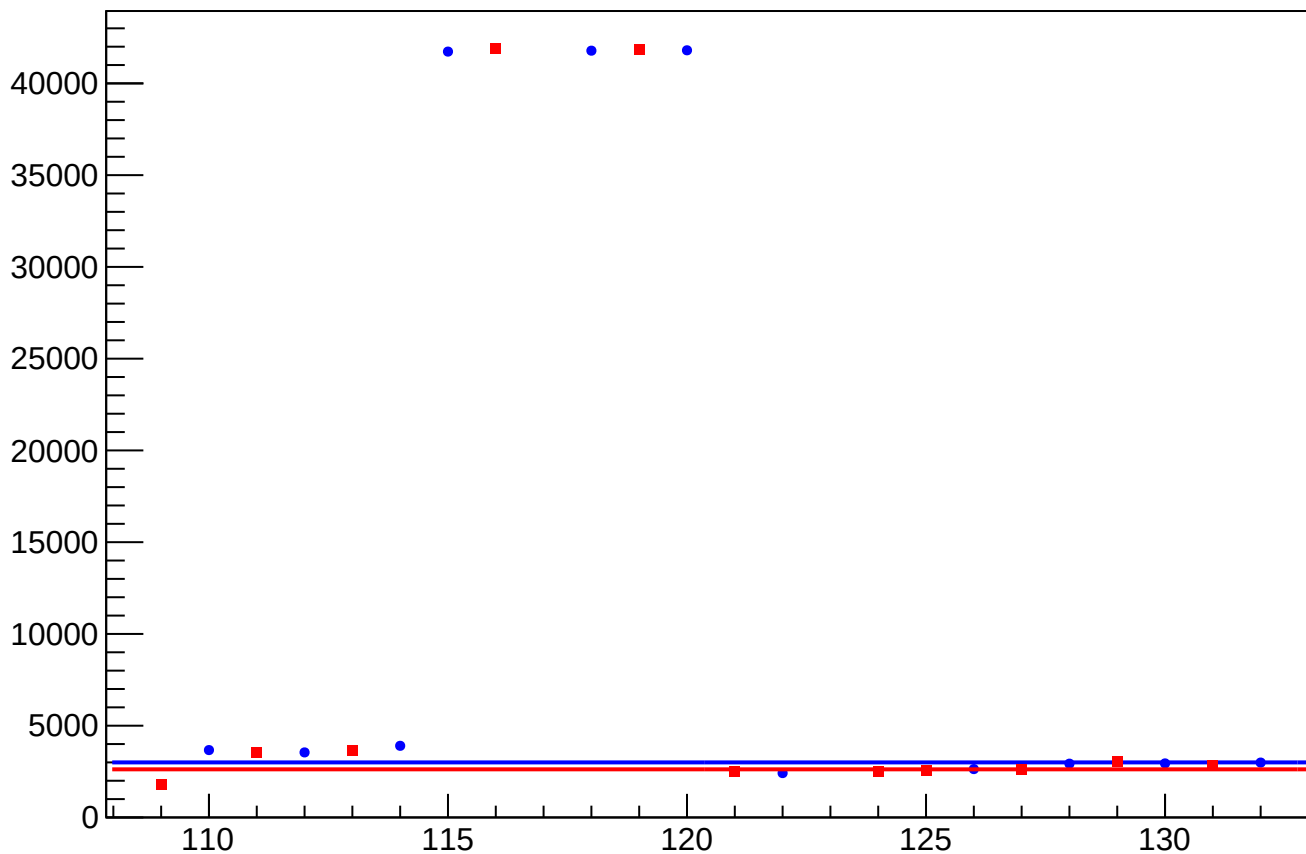
Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1572.213 $\pm$ 0.430 χ^2/NDF : 3691128.3/21

diff_bpm1p02bY_mean vs Slug, Sign Corrected



diff_bpm1p02bY_rms vs Slug, Sign Corrected



Right In: 3000.066 $\pm$ 1.160 χ^2/NDF : 1906255.7/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 2622.088 $\pm$ 1.026 χ^2/NDF : 1827205.8/10

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

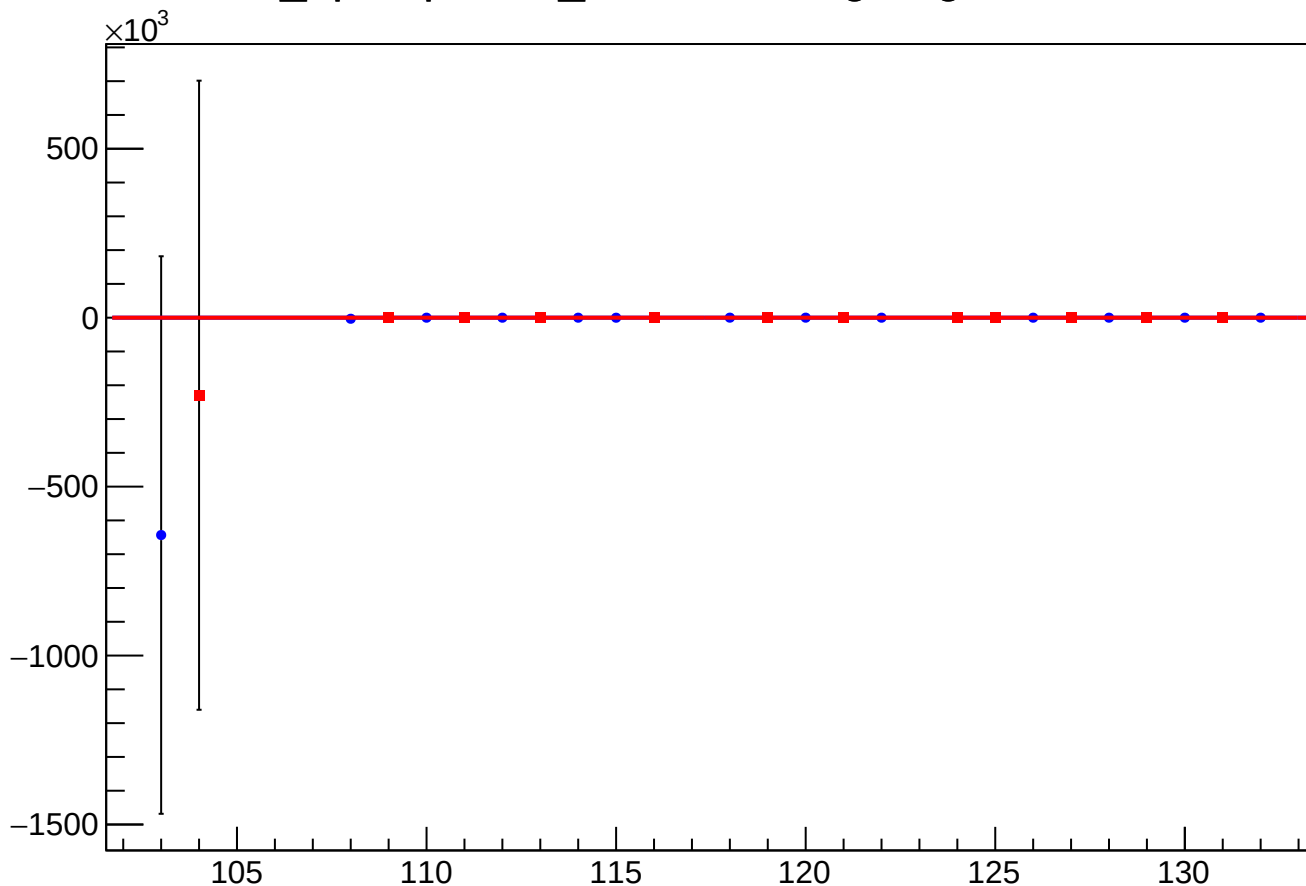
Right: 2788.018 $\pm$ 0.769 χ^2/NDF : 3792984.4/21

In: 3000.066 $\pm$ 1.160 χ^2/NDF : 1906255.7/10

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 2788.018 $\pm$ 0.769 χ^2/NDF : 3792984.4/21

diff_bpm1p03aX_mean vs Slug, Sign Corrected



Right In: 1.592 $\pm$ 1.637 χ^2 /NDF: 13.0/12

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4.326 $\pm$ 1.560 χ^2 /NDF: 11.5/11

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

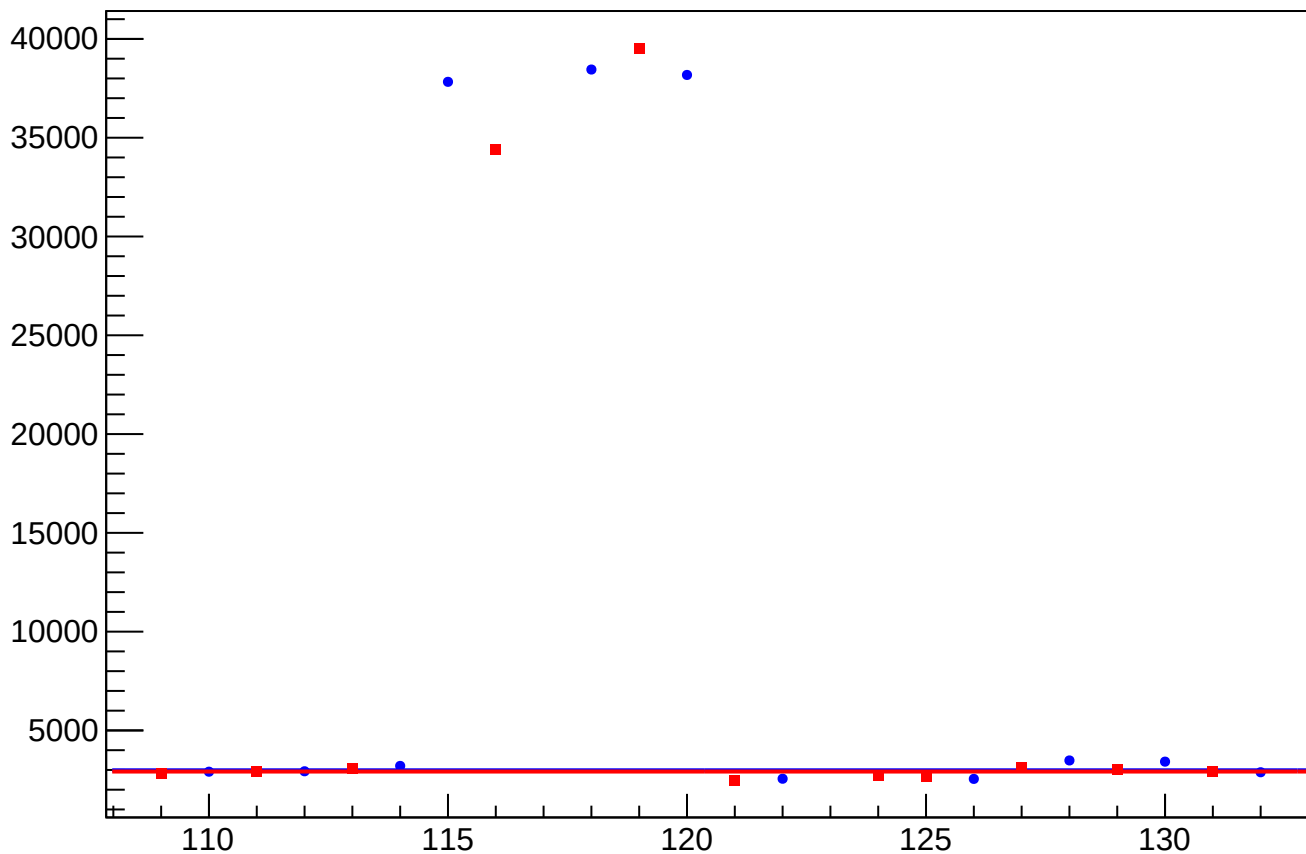
Right: 3.025 $\pm$ 1.130 χ^2 /NDF: 25.9/24

In: 1.592 $\pm$ 1.637 χ^2 /NDF:13.0/12

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.025 $\pm$ 1.130 χ^2 /NDF: 25.9/24

diff_bpm1p03aX_rms vs Slug, Sign Corrected



Right In: 2982.950 $\pm$ 1.158 χ^2/NDF : 1837007.2/10

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 2919.179 $\pm$ 1.103 χ^2/NDF : 1487050.3/10

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

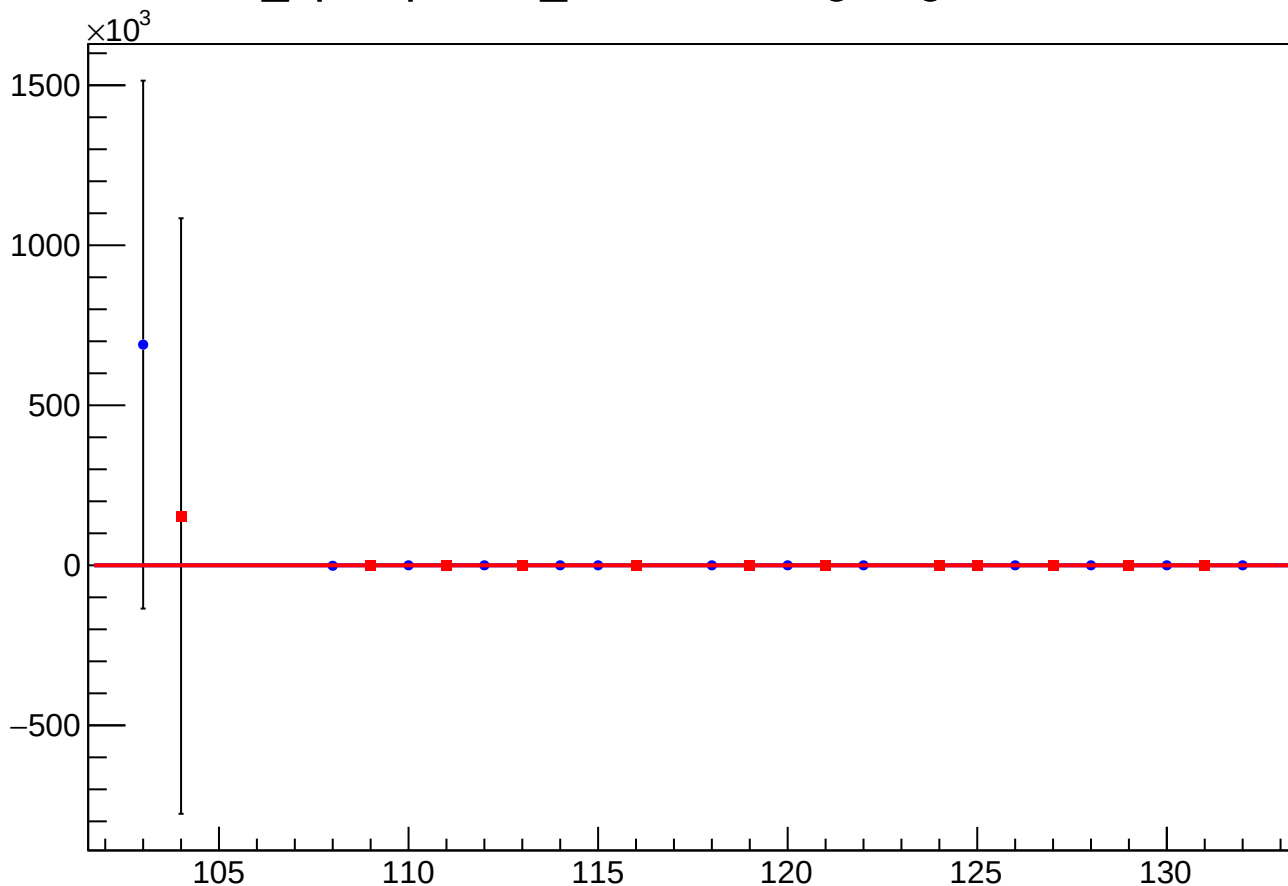
Right: 2949.530 $\pm$ 0.799 χ^2/NDF : 3325647.6/21

In: 2982.950 $\pm$ 1.158 χ^2/NDF : 1837007.2/10

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 2949.530 $\pm$ 0.799 χ^2/NDF : 3325647.6/21

diff_bpm1p03aY_mean vs Slug, Sign Corrected



Right In: 1.493+/-1.550 χ^2/NDF : 3.5/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.072+/-1.320 χ^2/NDF : 12.7/11

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

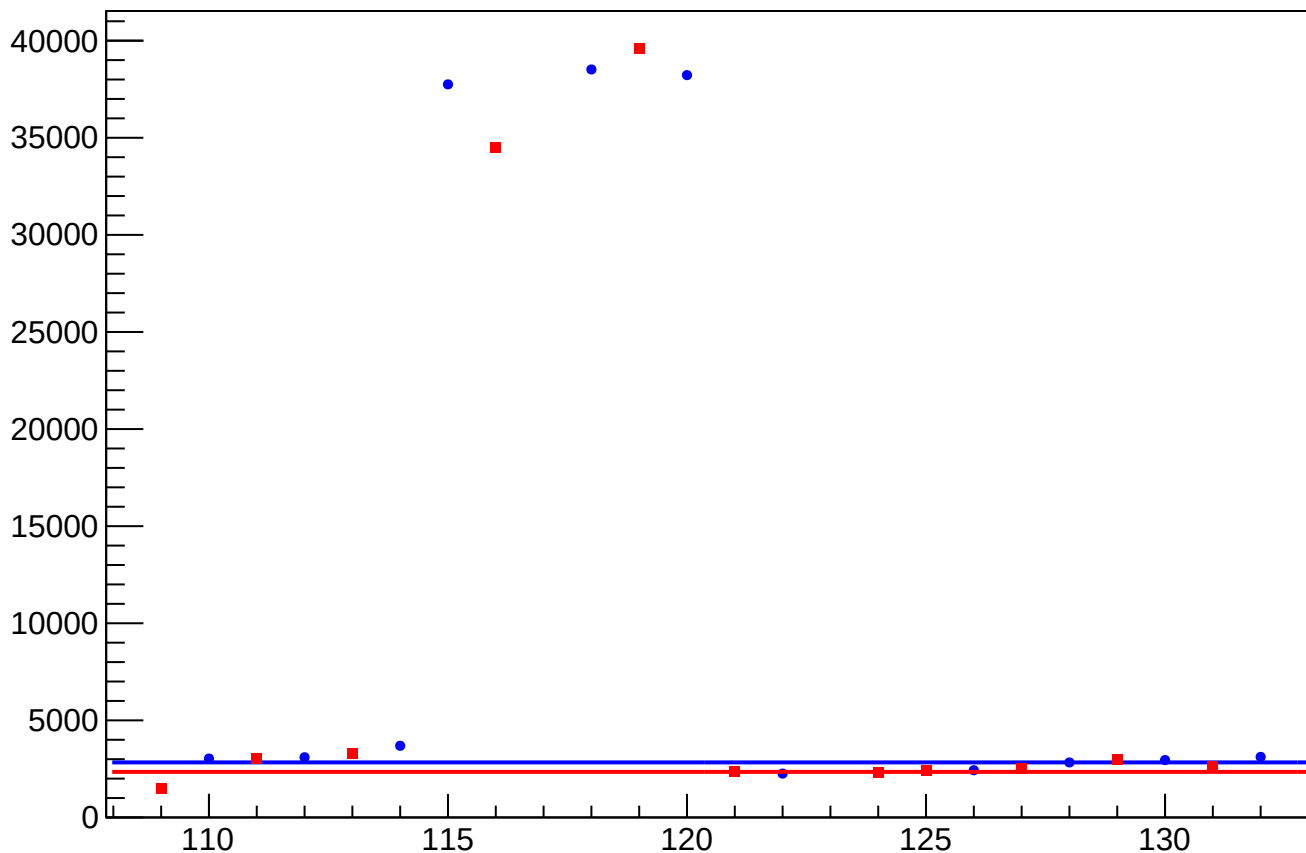
Right: 2.408+/-1.005 χ^2/NDF : 16.8/24

In: 1.493+/-1.550 χ^2/NDF : 3.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.408+/-1.005 χ^2/NDF : 16.8/24

diff_bpm1p03aY_rms vs Slug, Sign Corrected



Right In: 2834.906+/-1.096 χ^2/NDF : 1873613.2/10

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2346.978+/-0.933 χ^2/NDF : 1951642.3/10

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

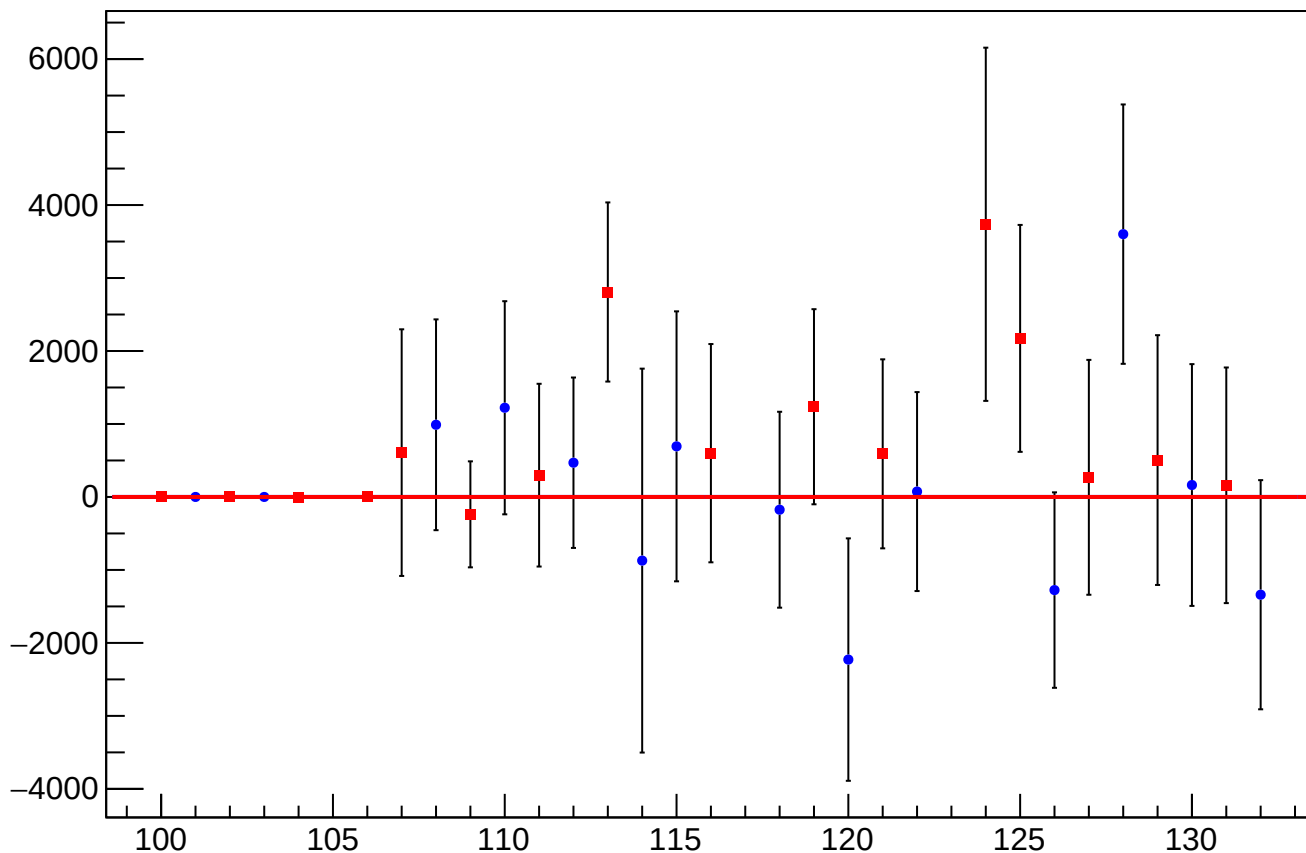
Right: 2552.077+/-0.711 χ^2/NDF : 3940163.0/21

In: 2834.906+/-1.096 χ^2/NDF : 1873613.2/10

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2552.077+/-0.711 χ^2/NDF : 3940163.0/21

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.256+/-0.356 χ^2/NDF : 9.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.096+/-0.328 χ^2/NDF : 14.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

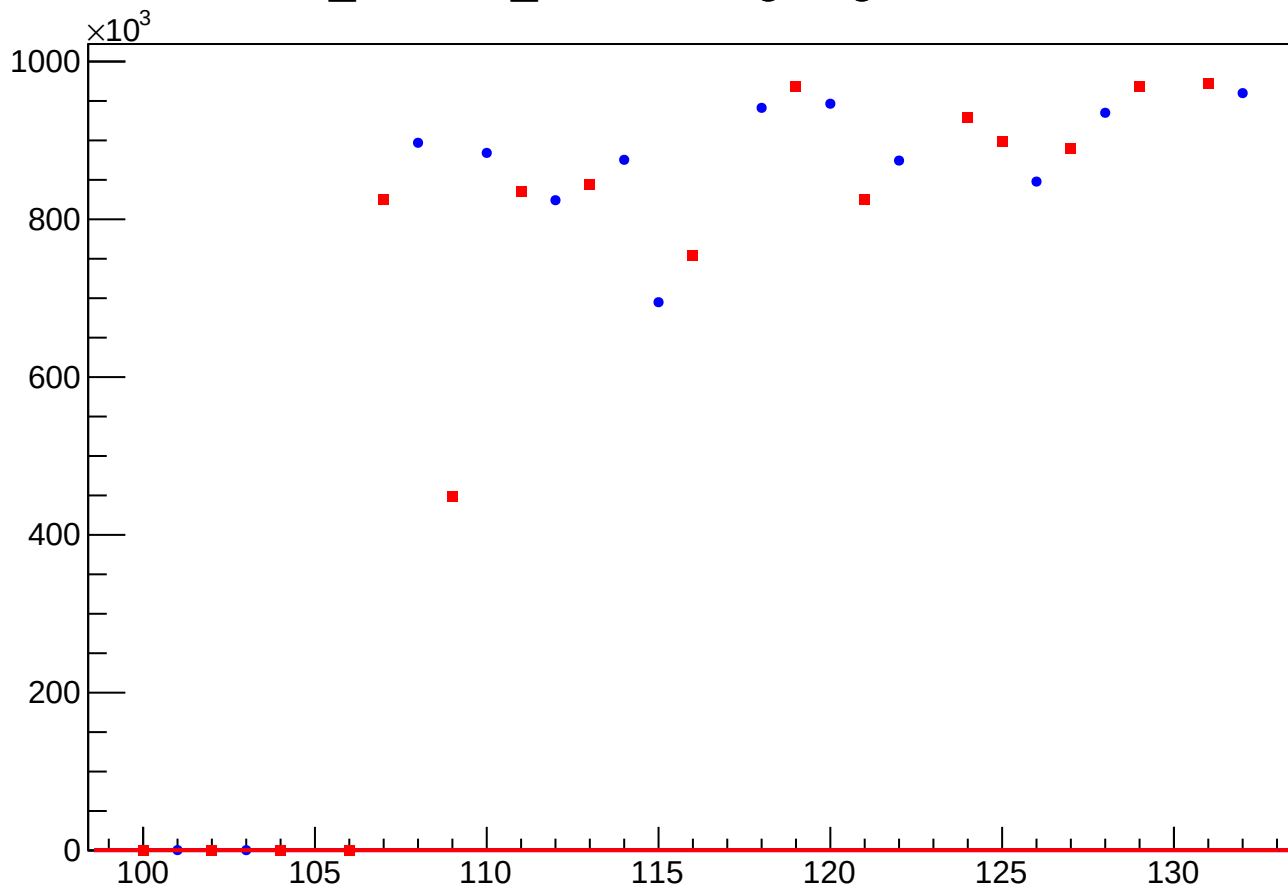
Right: 0.066+/-0.241 χ^2/NDF : 24.4/29

In: 0.256+/-0.356 χ^2/NDF : 9.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.066+/-0.241 χ^2/NDF : 24.4/29

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 398.620+/-0.251 χ^2/NDF : 6125943.7/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 393.110+/-0.232 χ^2/NDF : 6226395.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

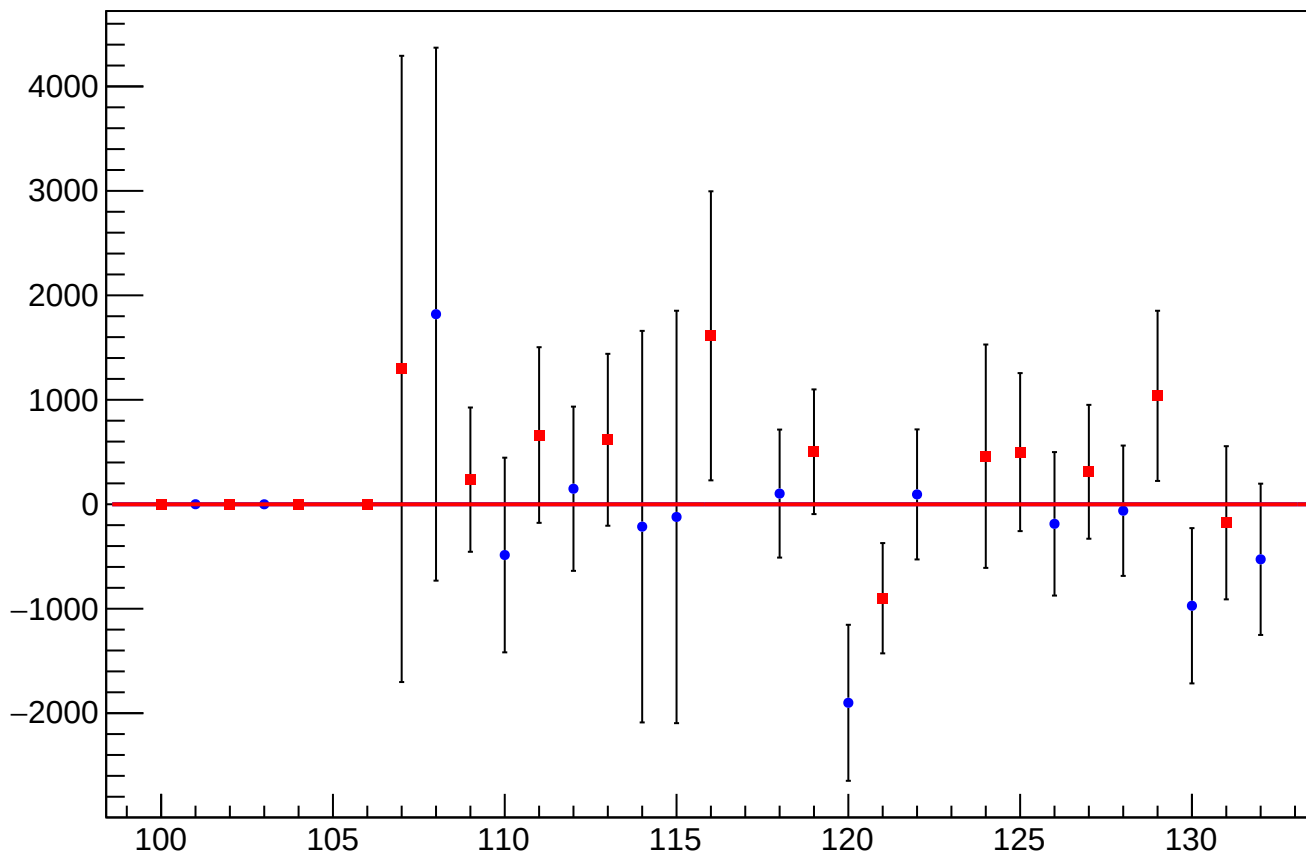
Right: 395.640+/-0.170 χ^2/NDF : 12352598.7/28

In: 398.620+/-0.251 χ^2/NDF : 6125943.7/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 395.640+/-0.170 χ^2/NDF : 12352598.7/28

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: -0.021 ± 0.347 χ^2/NDF : 10.4/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.598 ± 0.324 χ^2/NDF : 9.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

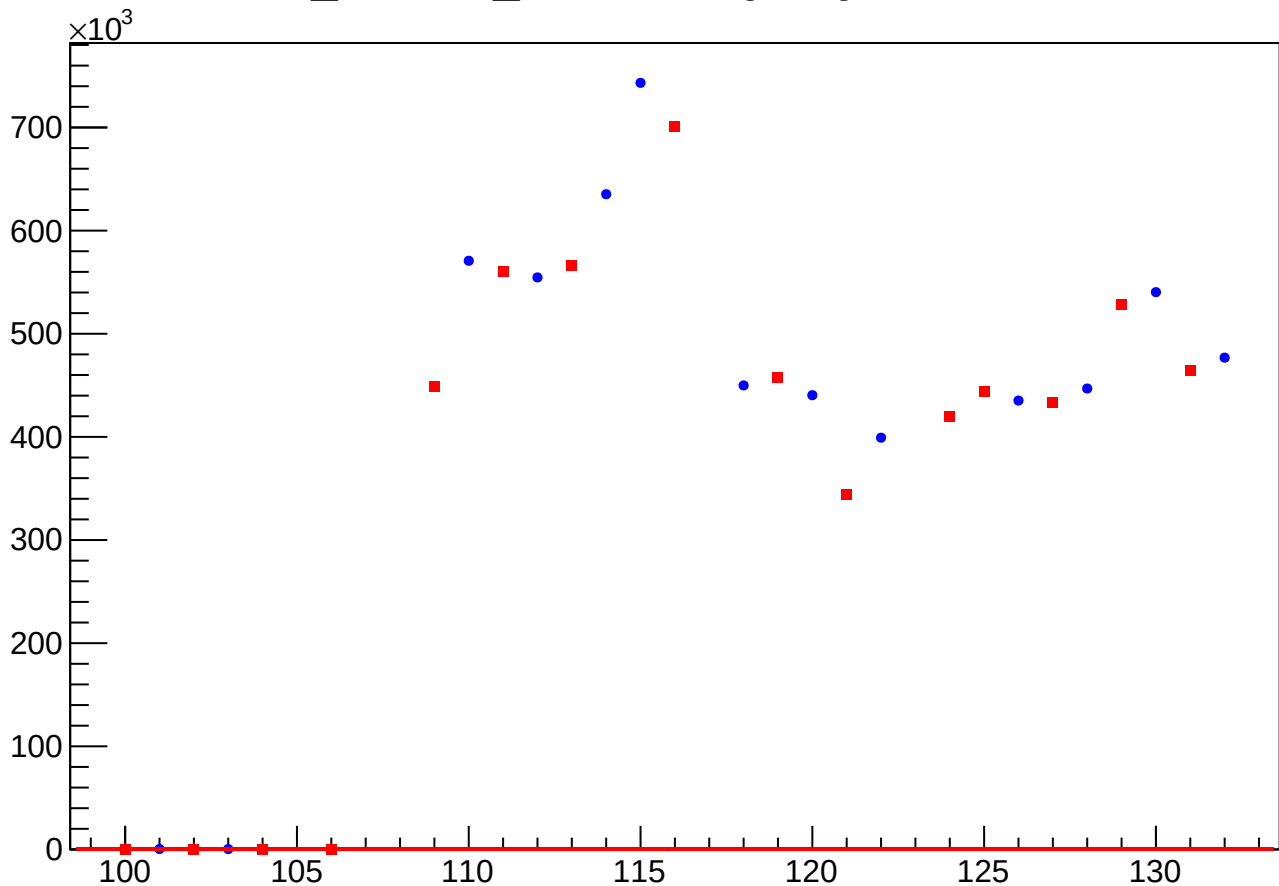
Right: -0.329 ± 0.237 χ^2/NDF : 21.0/29

In: -0.021 ± 0.347 χ^2/NDF : 10.4/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.329 ± 0.237 χ^2/NDF : 21.0/29

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 389.738 $\pm$ 0.245 χ^2/NDF : 8607954.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 387.550 $\pm$ 0.229 χ^2/NDF : 8758595.2/14

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

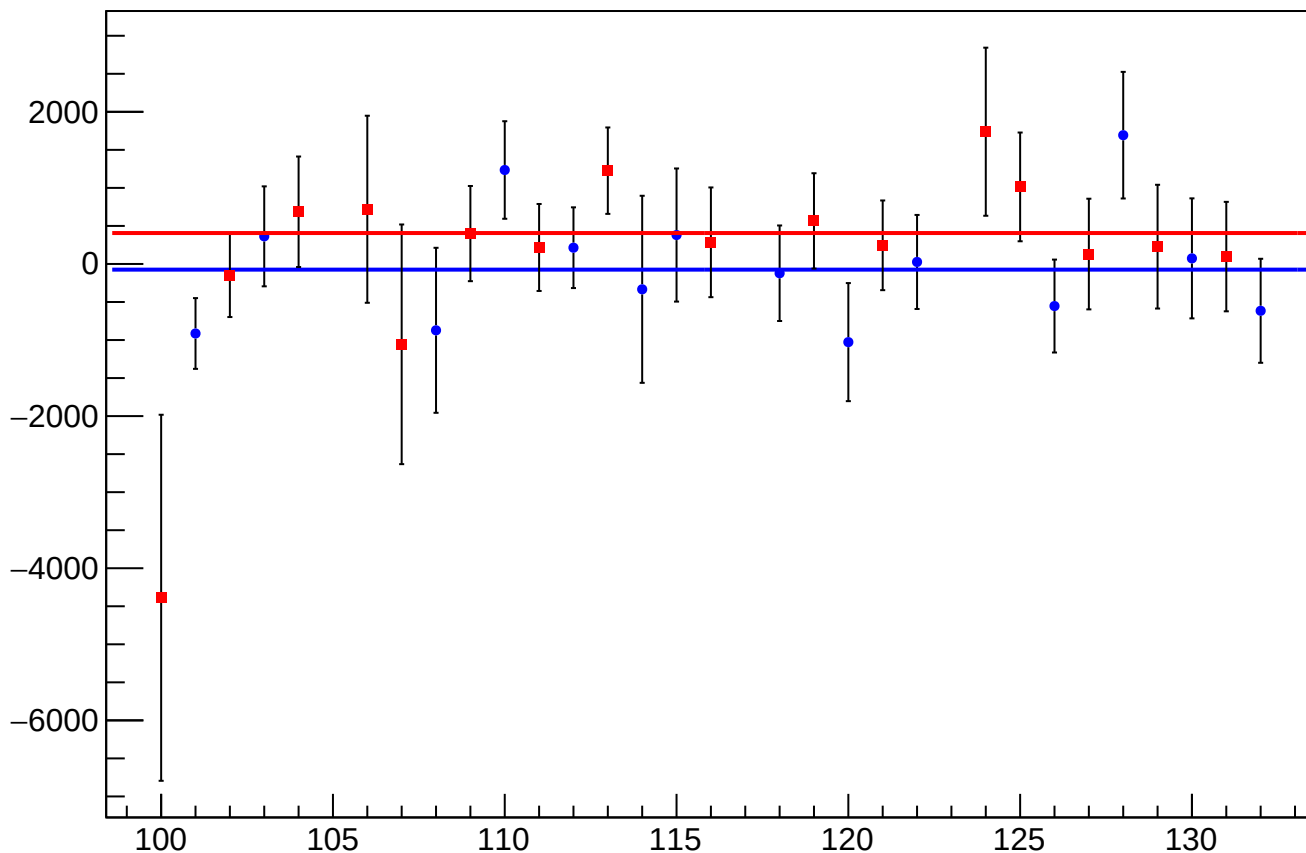
Right: 388.568 $\pm$ 0.167 χ^2/NDF : 17366592.2/27

In: 389.738 $\pm$ 0.245 χ^2/NDF : 8607954.6/12

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 388.568 $\pm$ 0.167 χ^2/NDF : 17366592.2/27

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: -74.576+/-181.297 χ^2/NDF : 16.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 406.589+/-180.671 χ^2/NDF : 11.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

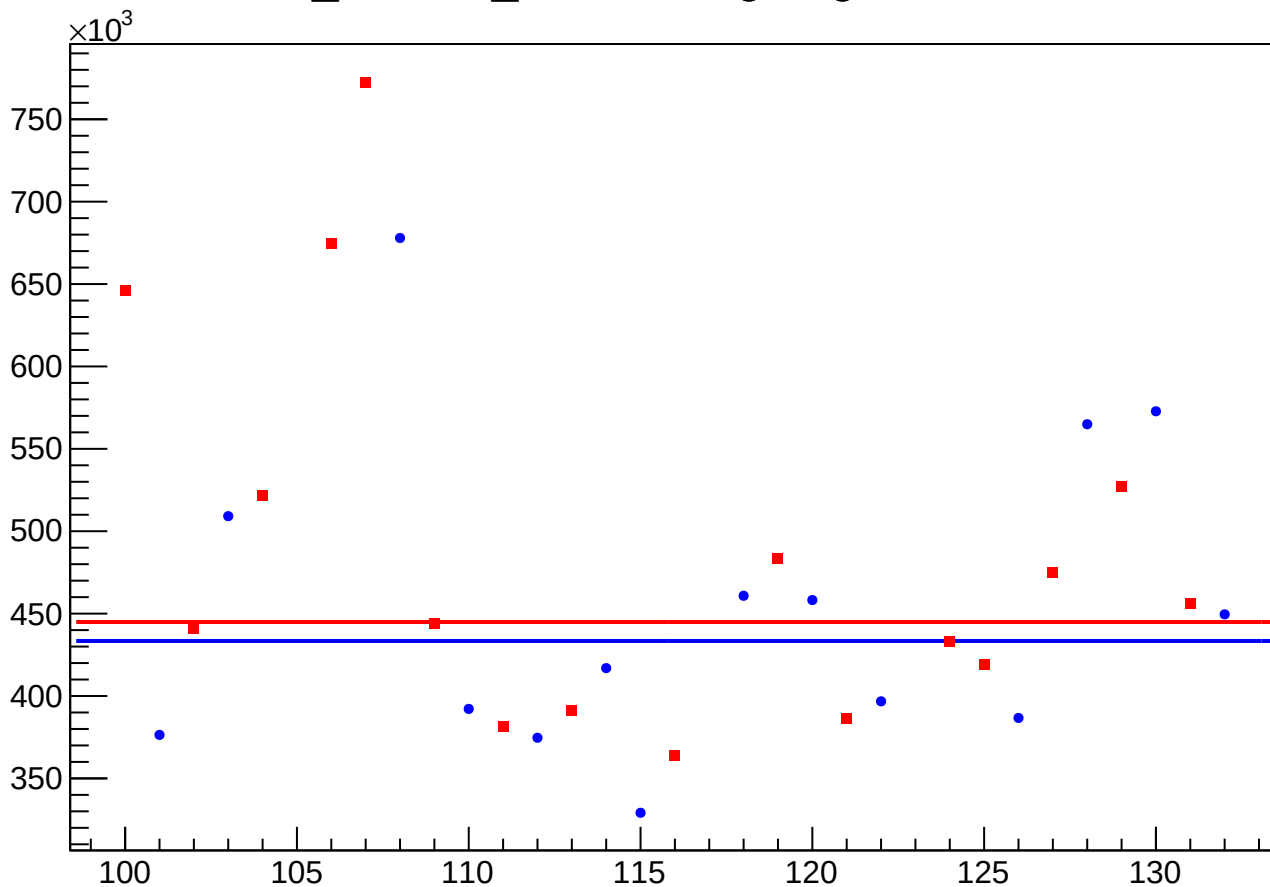
Right: 166.839+/-127.975 χ^2/NDF : 30.9/29

In: -74.576+/-181.297 χ^2/NDF : 16.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.839+/-127.975 χ^2/NDF : 30.9/29

diff_cav4cX_rms vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right In: 433397.301+/-128.232 χ^2/NDF : 357352.1/13

Right: 439177.348+/-90.519 χ^2/NDF : 673990.2/29

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 444918.276+/-127.797 χ^2/NDF : 312588.3/15

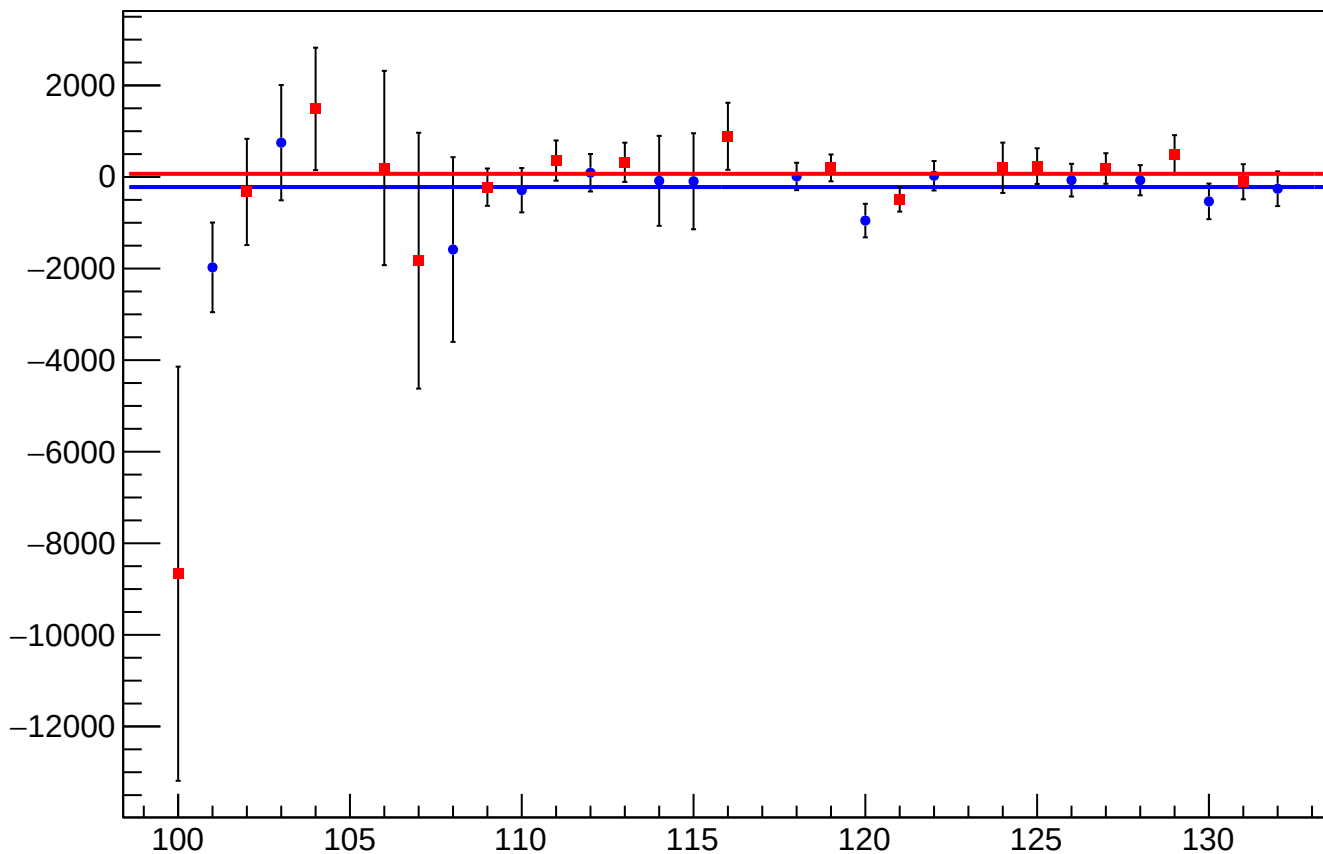
In: 433397.301+/-128.232 χ^2/NDF : 357352.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 439177.348+/-90.519 χ^2/NDF : 673990.2

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -219.665+/-117.096 χ^2/NDF : 11.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.992+/-114.041 χ^2/NDF : 14.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

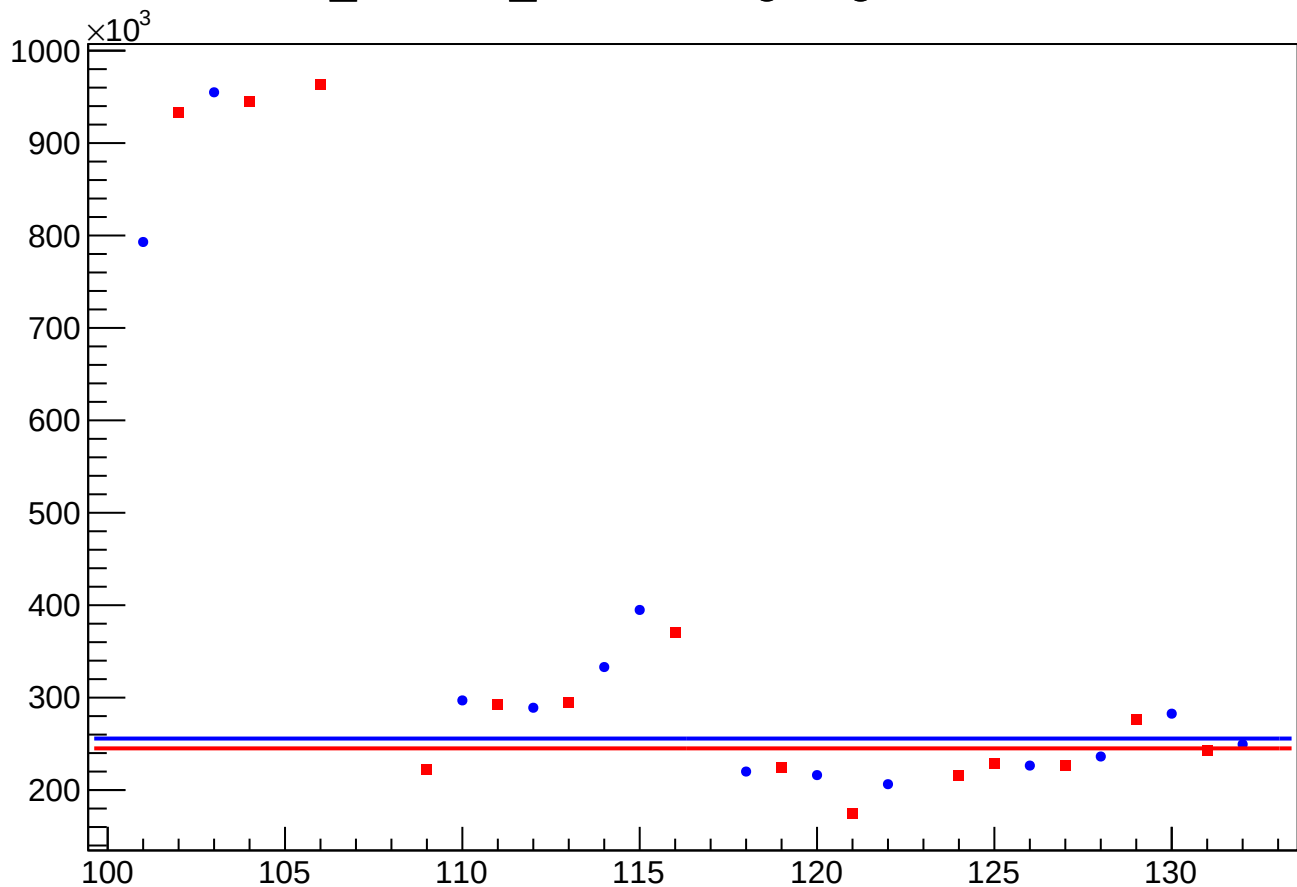
Right: -71.522+/-81.698 χ^2/NDF : 28.2/29

In: -219.665+/-117.096 χ^2/NDF : 11.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

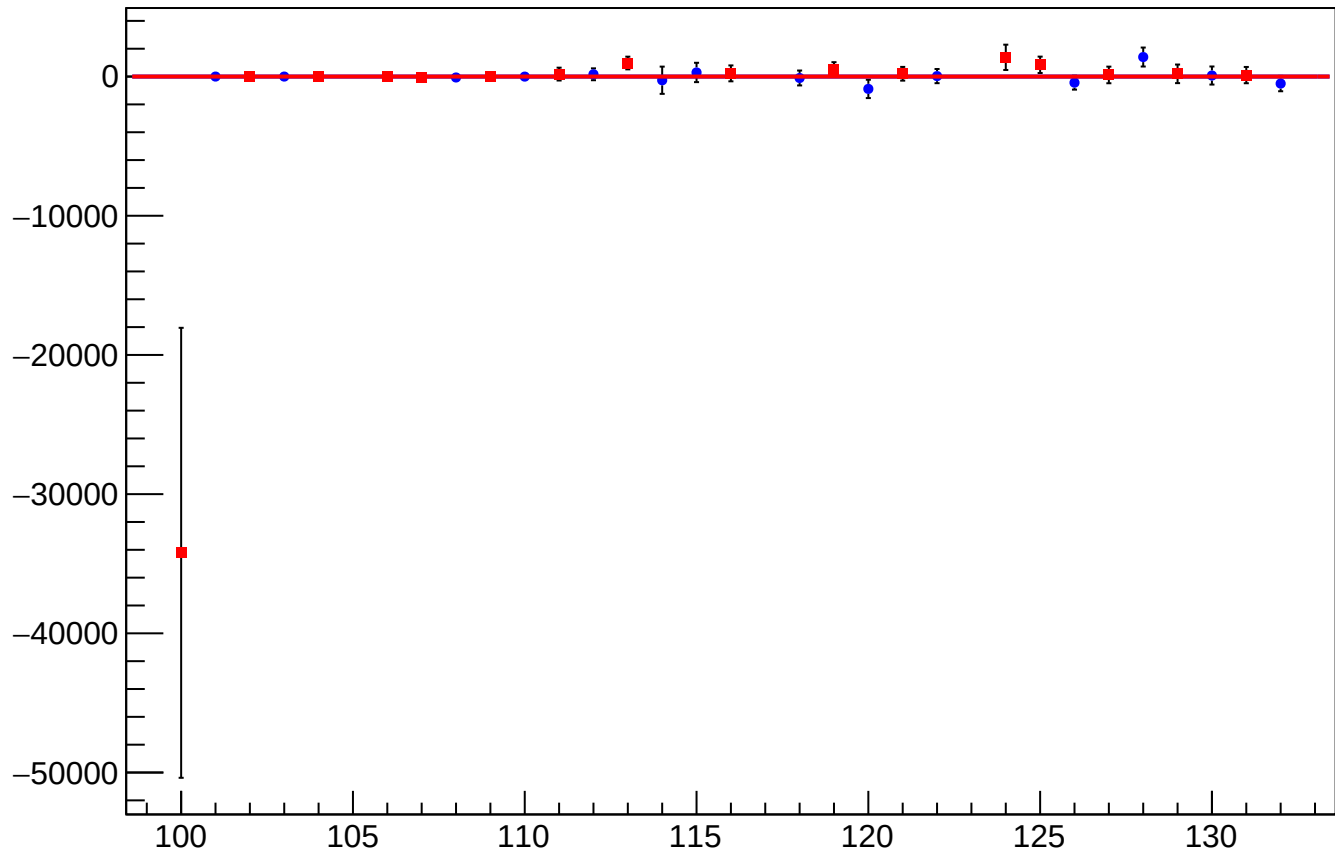
All: -71.522+/-81.698 χ^2/NDF : 28.2/29

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 255731.109+/-83.054 χ^2/NDF : 1227624.2/12
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 245087.496+/-80.981 χ^2/NDF : 1429441.0/13
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 250274.844+/-57.981 χ^2/NDF : 2665484.3/26
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 250274.844+/-57.981 χ^2/NDF : 2665484.3/26
 In: 255731.109+/-83.054 χ^2/NDF : 1227624.2/12
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.035 ± 0.172 χ^2/NDF : 9.2/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.355 ± 0.160 χ^2/NDF : 15.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

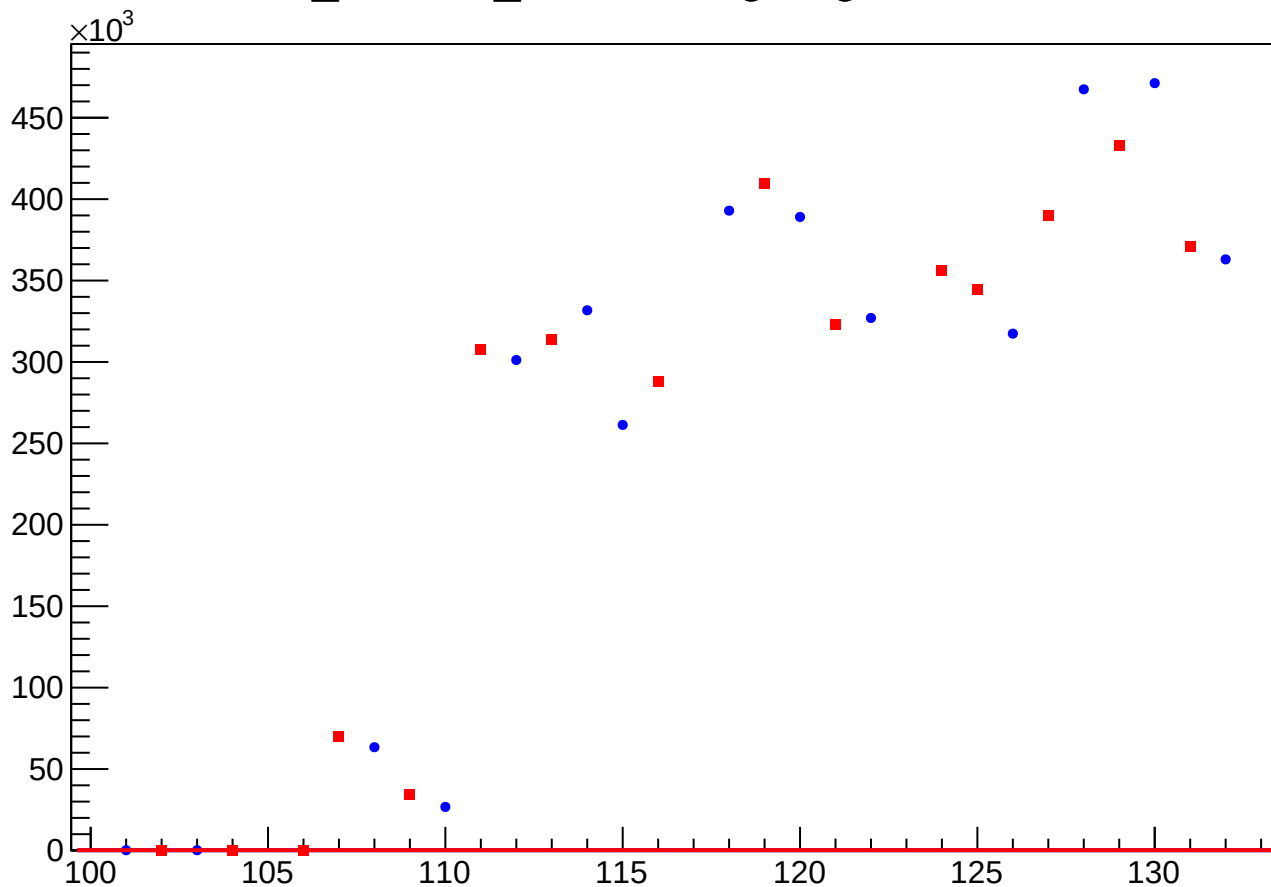
Right: 0.174 ± 0.117 χ^2/NDF : 27.6/29

In: -0.035 ± 0.172 χ^2/NDF : 9.2/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.174 ± 0.117 χ^2/NDF : 27.6/29

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 148.936+/-0.122 χ^2/NDF : 8817229.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 149.278+/-0.113 χ^2/NDF : 8964179.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

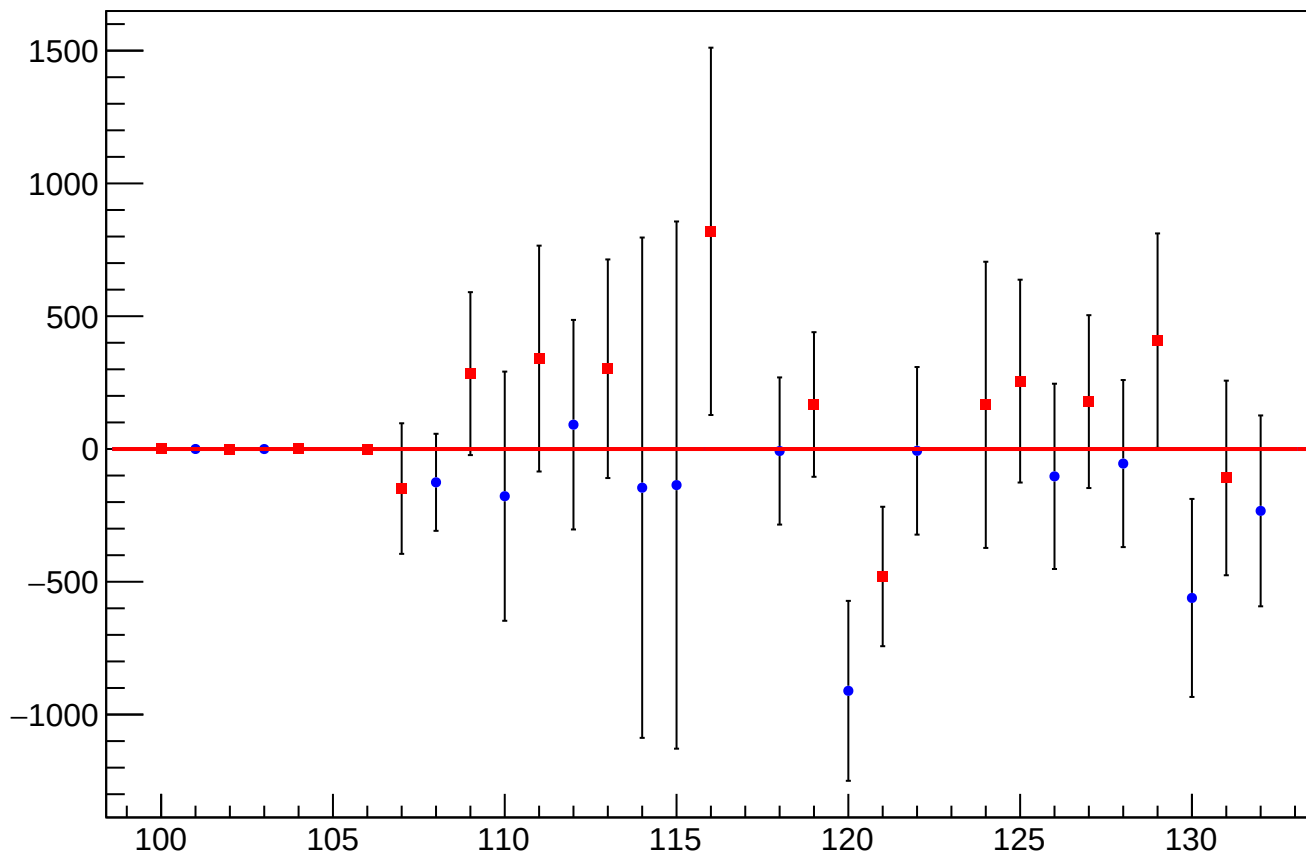
Right: 149.120+/-0.083 χ^2/NDF : 17781413.8/28

In: 148.936+/-0.122 χ^2/NDF :8817229.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 149.120+/-0.083 χ^2/NDF : 17781413.8/28

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: -0.068+/-0.177 χ^2/NDF : 10.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.126+/-0.166 χ^2/NDF : 9.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

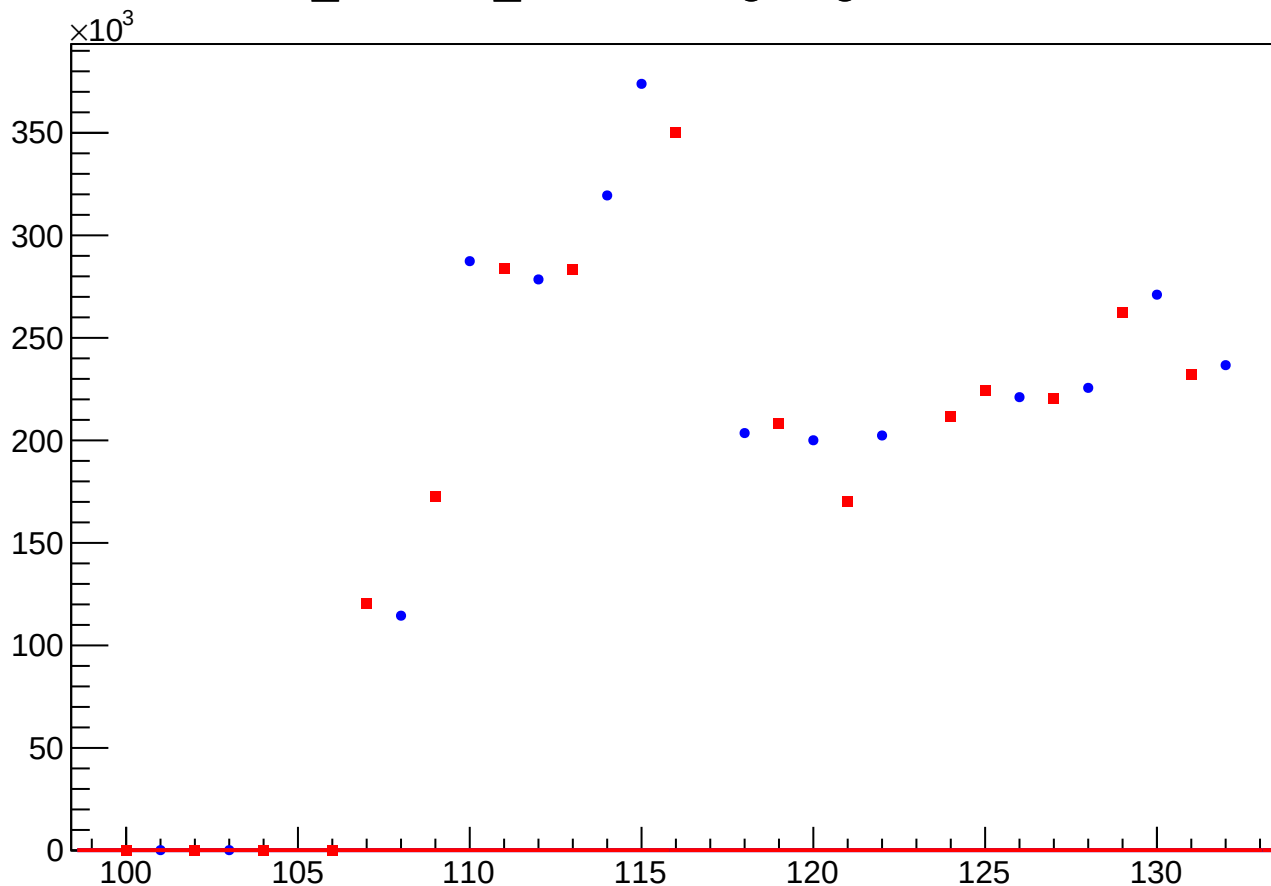
Right: -0.099+/-0.121 χ^2/NDF : 20.6/29

In: -0.068+/-0.177 χ^2/NDF : 10.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.099+/-0.121 χ^2/NDF : 20.6/29

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 153.191 $\pm$ 0.125 χ^2/NDF : 9390073.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 155.928 $\pm$ 0.118 χ^2/NDF : 9014675.8/15

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

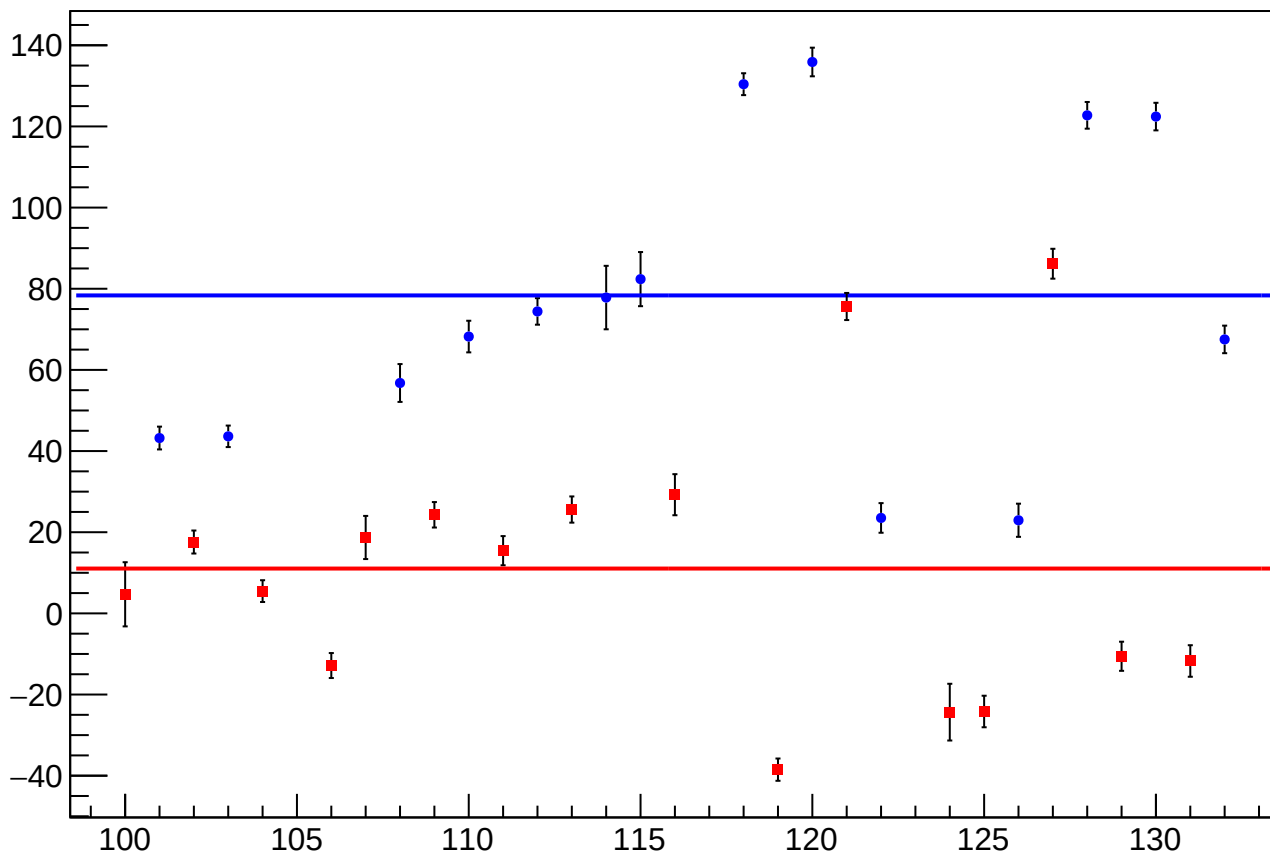
Right: 154.645 $\pm$ 0.086 χ^2/NDF : 18405002.7/29

In: 153.191 $\pm$ 0.125 χ^2/NDF : 9390073.5/13

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 154.645 $\pm$ 0.086 χ^2/NDF : 18405002.7/29

diff_bpm0i01X_mean vs Slug, Sign Corrected



Right In: 78.354+/-0.940 χ^2/NDF : 1766.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.046+/-0.891 χ^2/NDF : 1419.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

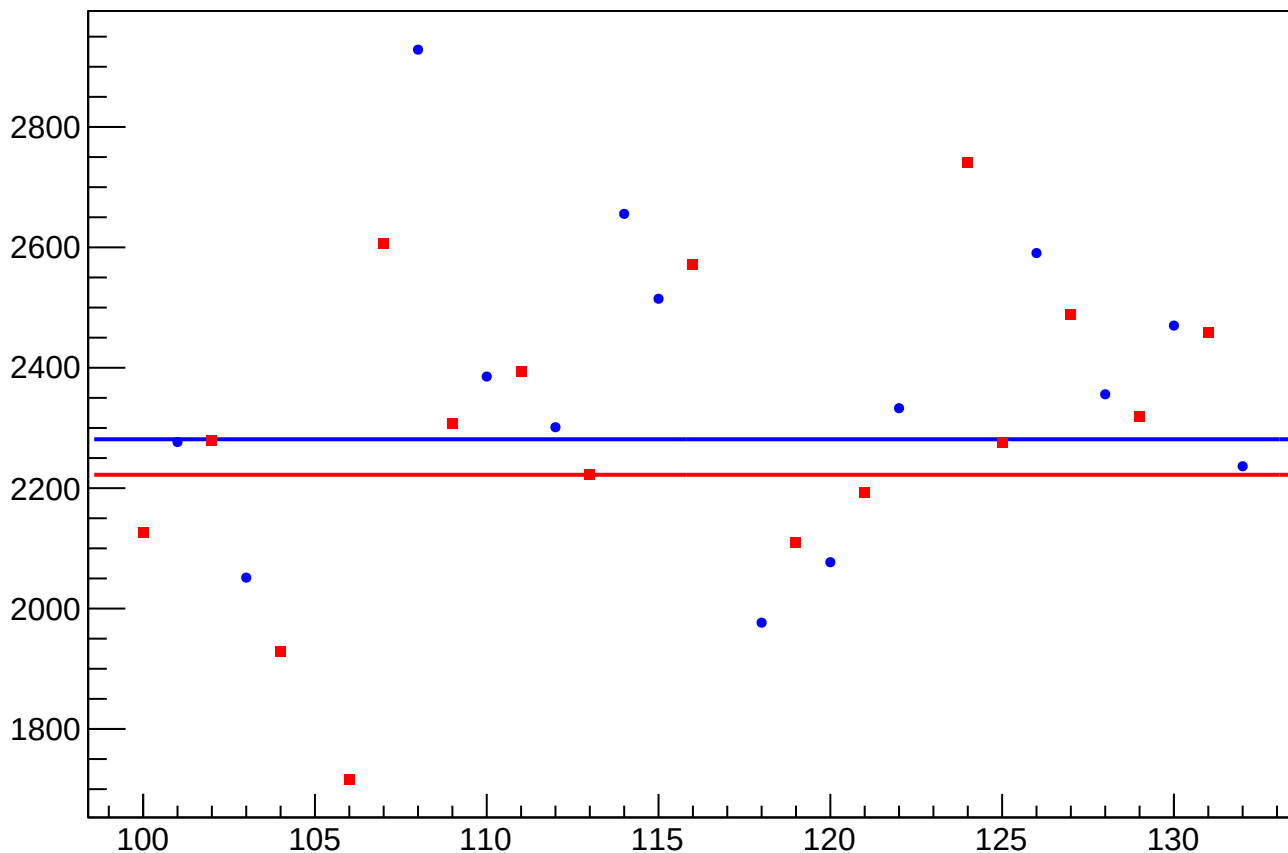
Right: 42.884+/-0.647 χ^2/NDF : 5887.7/29

In: 78.354+/-0.940 χ^2/NDF : 1766.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.884+/-0.647 χ^2/NDF : 5887.7/29

diff_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 2281.211+/-0.665 χ^2/NDF : 113759.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2222.230+/-0.630 χ^2/NDF : 139460.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

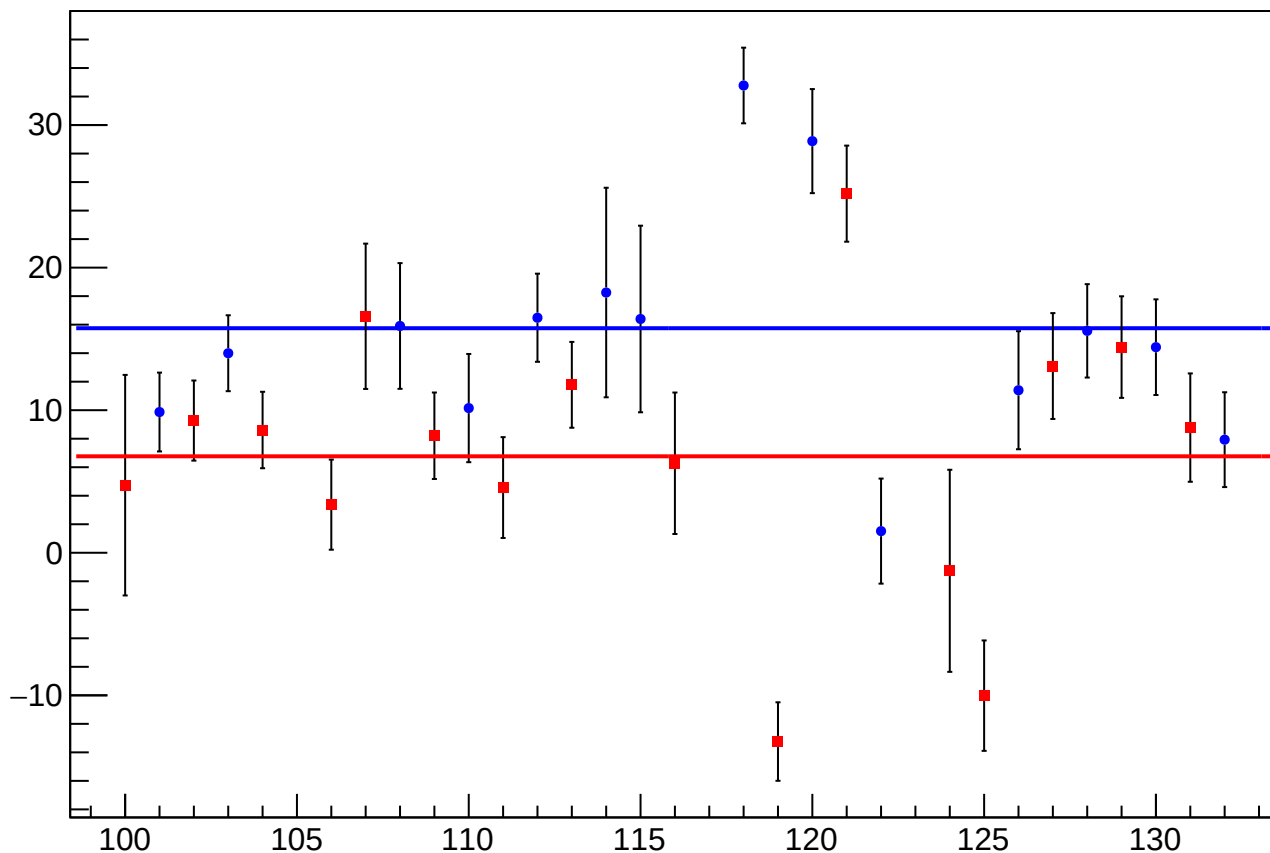
Right: 2250.129+/-0.457 χ^2/NDF : 257368.8/29

In: 2281.211+/-0.665 χ^2/NDF : 113759.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2250.129+/-0.457 χ^2/NDF : 257368.8/29

diff_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: 15.750+/-0.928 χ^2/NDF : 83.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.765+/-0.881 χ^2/NDF : 120.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

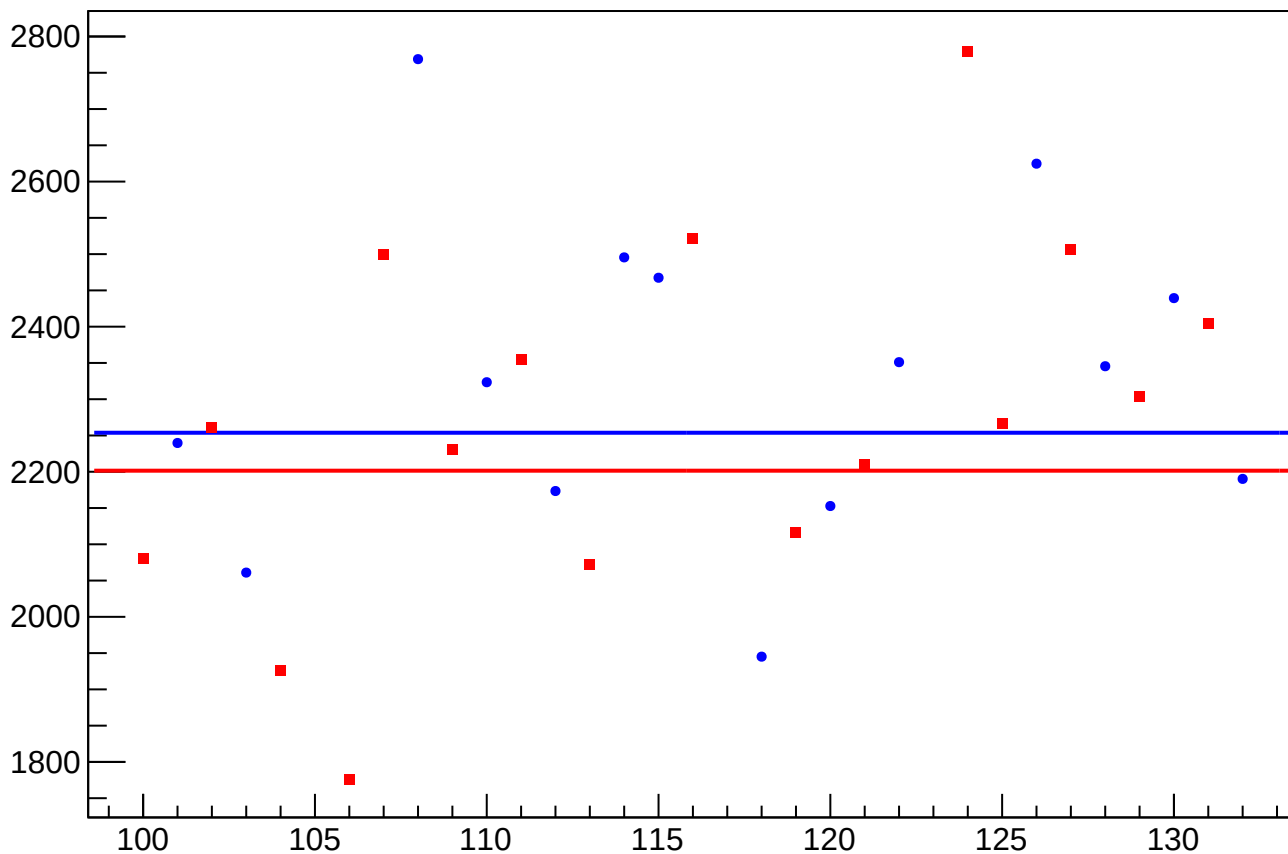
Right: 11.024+/-0.639 χ^2/NDF : 252.6/29

In: 15.750+/-0.928 χ^2/NDF : 83.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.024+/-0.639 χ^2/NDF : 252.6/29

diff_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 2253.777+/-0.656 χ^2/NDF : 98604.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2201.467+/-0.623 χ^2/NDF : 118151.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

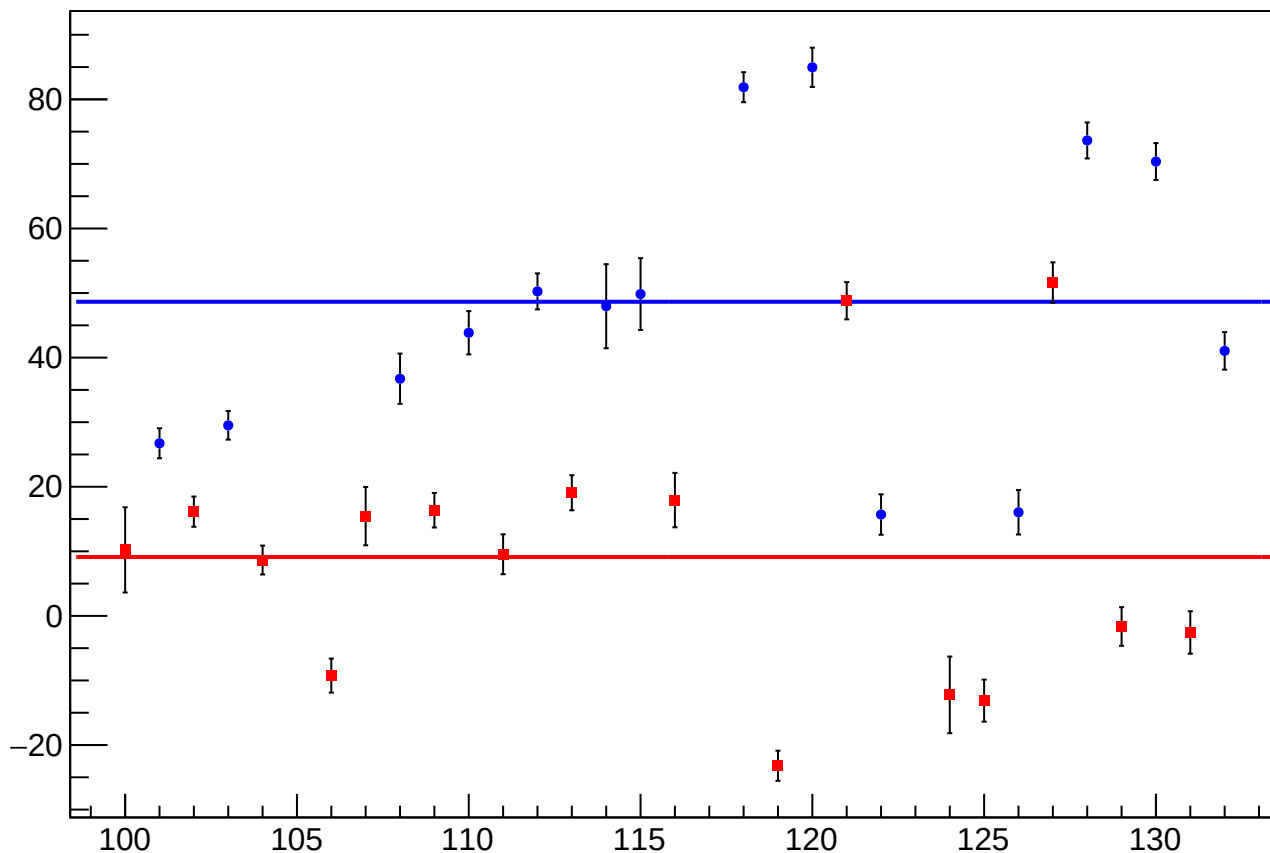
Right: 2226.264+/-0.452 χ^2/NDF : 220096.6/29

In: 2253.777+/-0.656 χ^2/NDF : 98604.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2226.264+/-0.452 χ^2/NDF : 220096.6/29

diff_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: 48.651+/-0.796 χ^2/NDF : 868.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.117+/-0.752 χ^2/NDF : 736.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

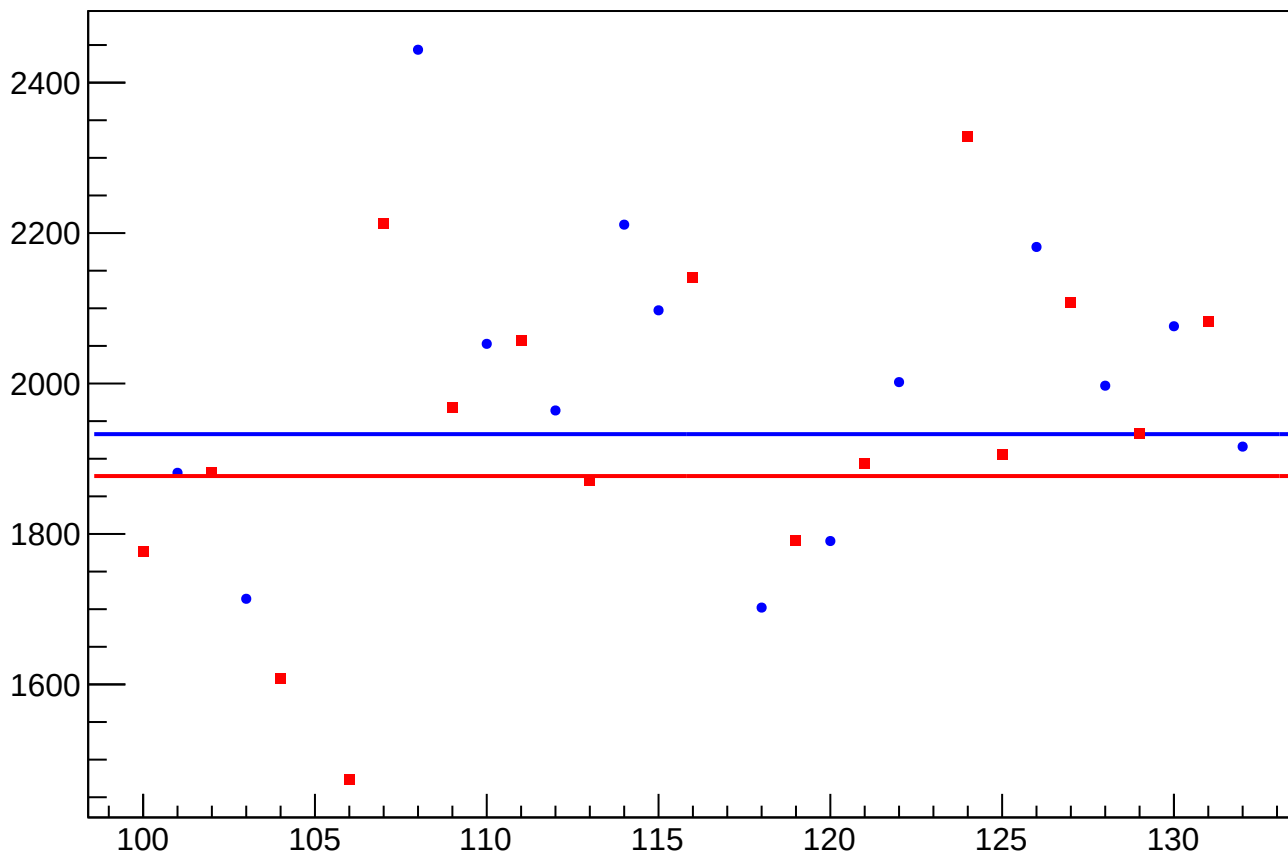
Right: 27.765+/-0.547 χ^2/NDF : 2908.6/29

In: 48.651+/-0.796 χ^2/NDF : 868.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.765+/-0.547 χ^2/NDF : 2908.6/29

diff_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 1932.708+/-0.563 χ^2/NDF : 104954.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1876.996+/-0.532 χ^2/NDF : 138211.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

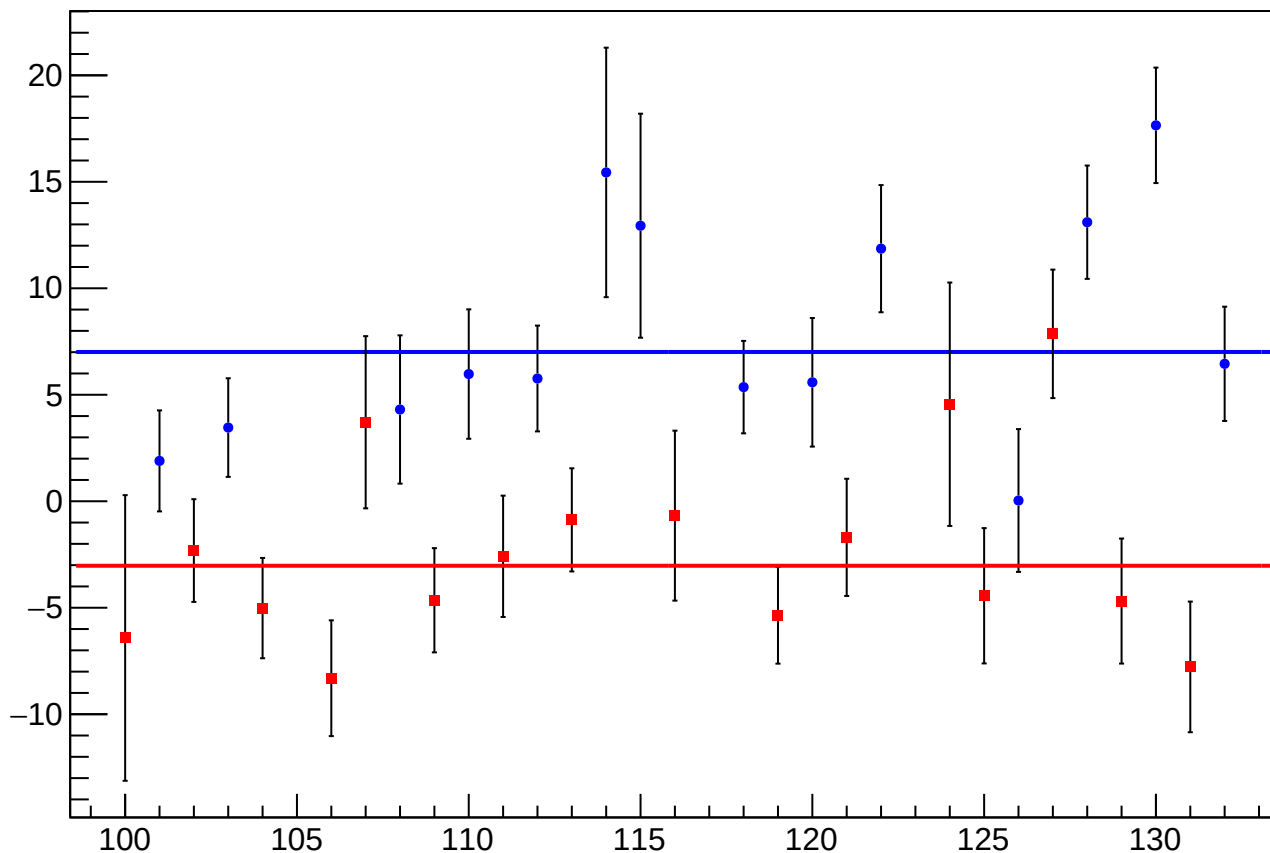
Right: 1903.275+/-0.387 χ^2/NDF : 248341.9/29

In: 1932.708+/-0.563 χ^2/NDF : 104954.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1903.275+/-0.387 χ^2/NDF : 248341.9/29

diff_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 7.010+/-0.762 χ^2/NDF : 39.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.028+/-0.729 χ^2/NDF : 28.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

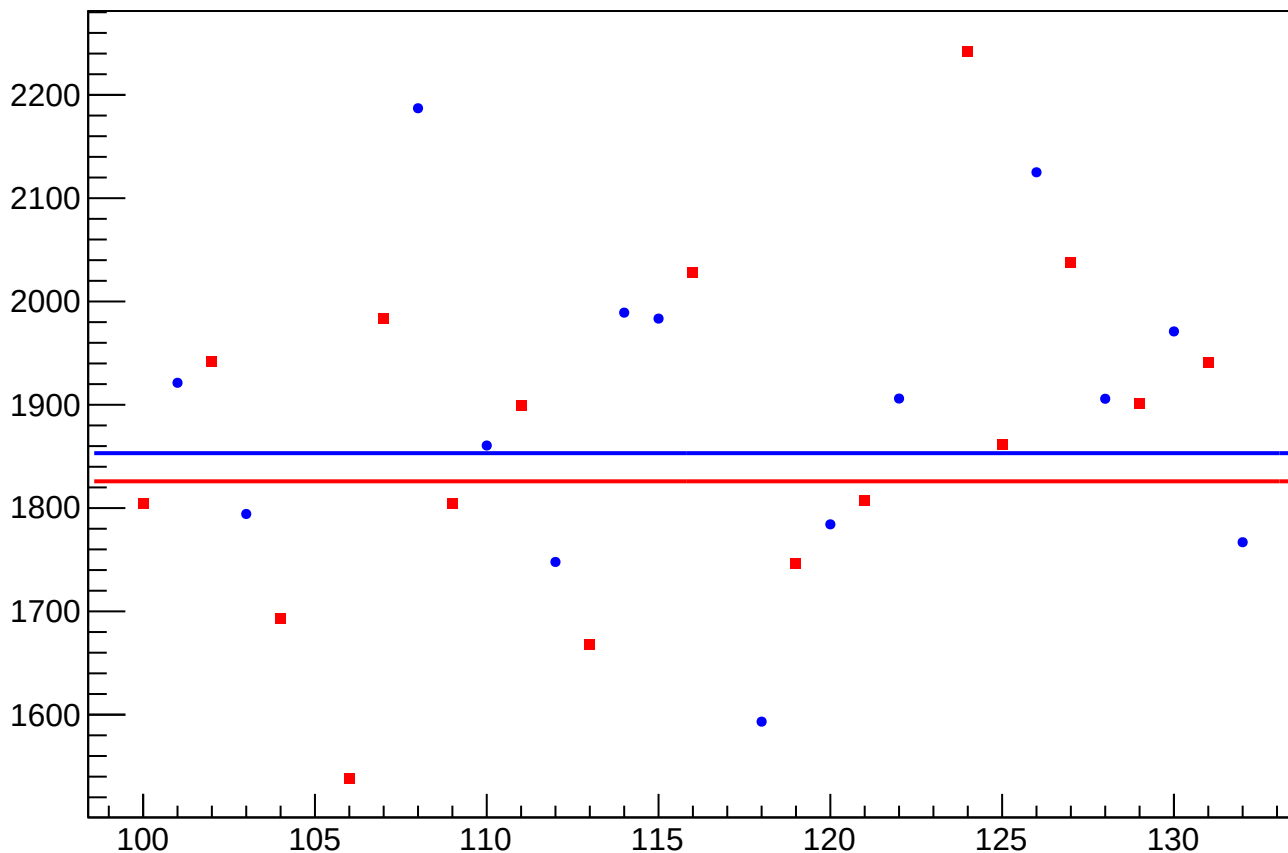
Right: 1.767+/-0.527 χ^2/NDF : 158.6/29

In: 7.010+/-0.762 χ^2/NDF : 39.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.767+/-0.527 χ^2/NDF : 158.6/29

diff_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 1853.156+/-0.539 χ^2/NDF : 77380.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1825.907+/-0.515 χ^2/NDF : 78946.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

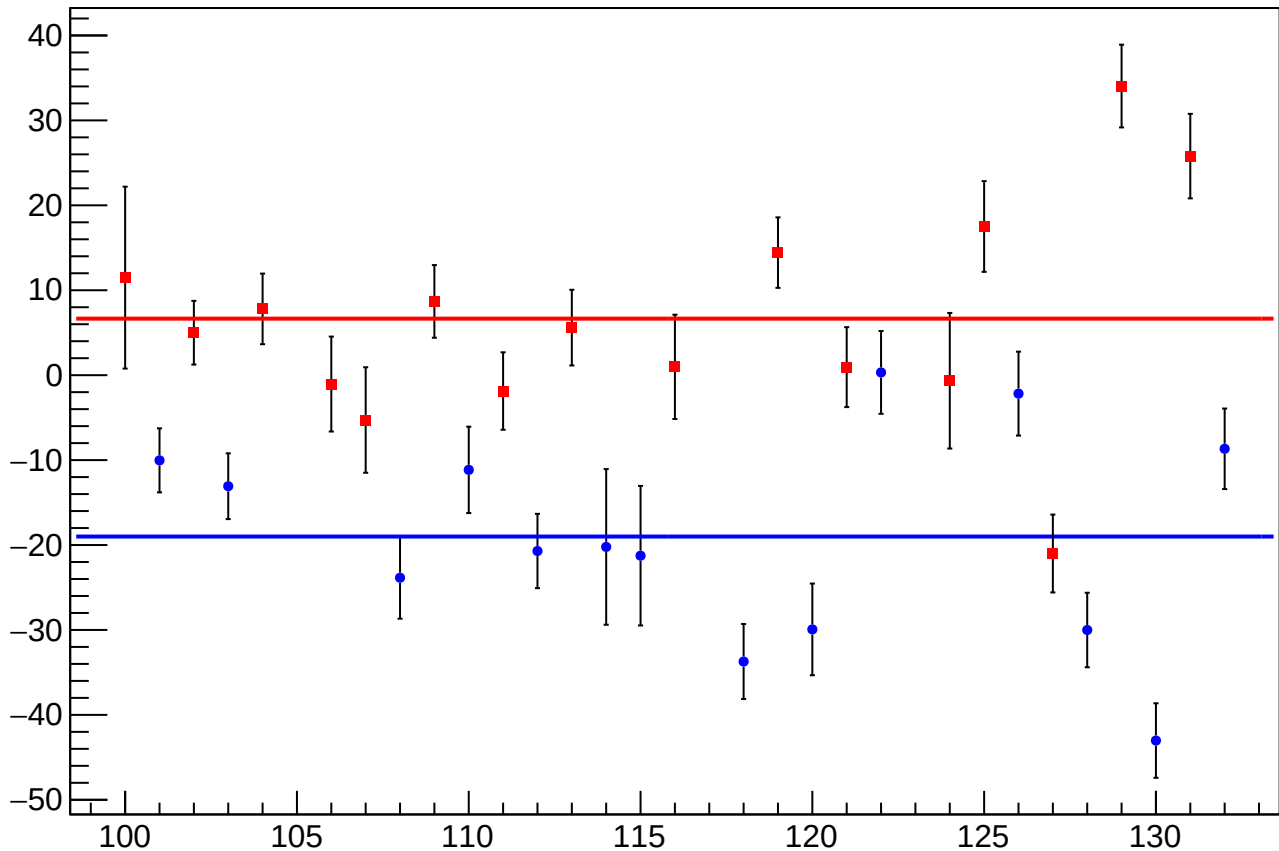
Right: 1838.923+/-0.372 χ^2/NDF : 157662.7/29

In: 1853.156+/-0.539 χ^2/NDF : 77380.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1838.923+/-0.372 χ^2/NDF : 157662.7/29

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -19.001 ± 1.276 $\chi^2/\text{NDF}: 95.2/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 6.657 ± 1.232 $\chi^2/\text{NDF}: 103.4/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

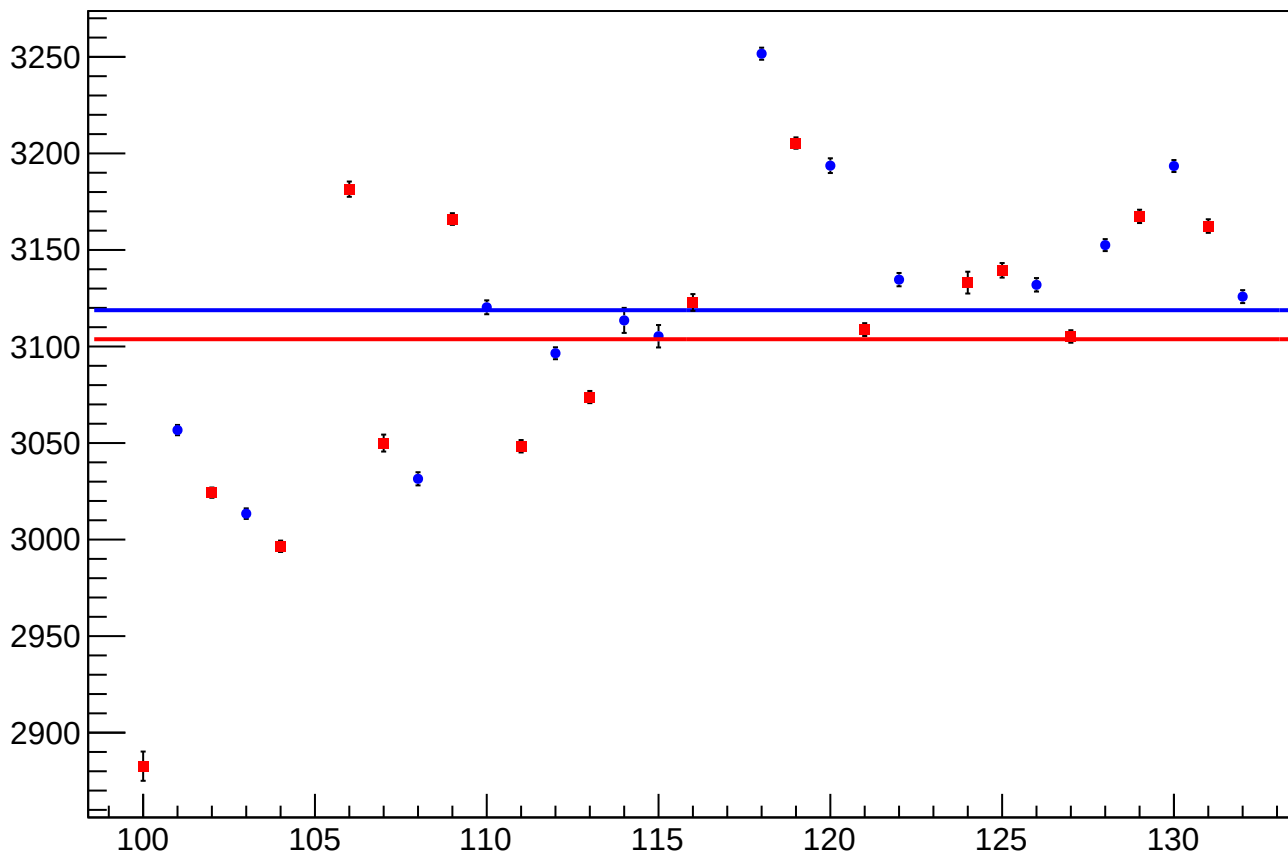
Right: -5.723 ± 0.886 $\chi^2/\text{NDF}: 408.0/29$

In: -19.001 ± 1.276 $\chi^2/\text{NDF}: 95.2/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -5.723 ± 0.886 $\chi^2/\text{NDF}: 408.0/29$

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3118.801 $\pm$ 0.902 χ^2 /NDF: 5664.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3103.767 $\pm$ 0.871 χ^2 /NDF: 6380.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

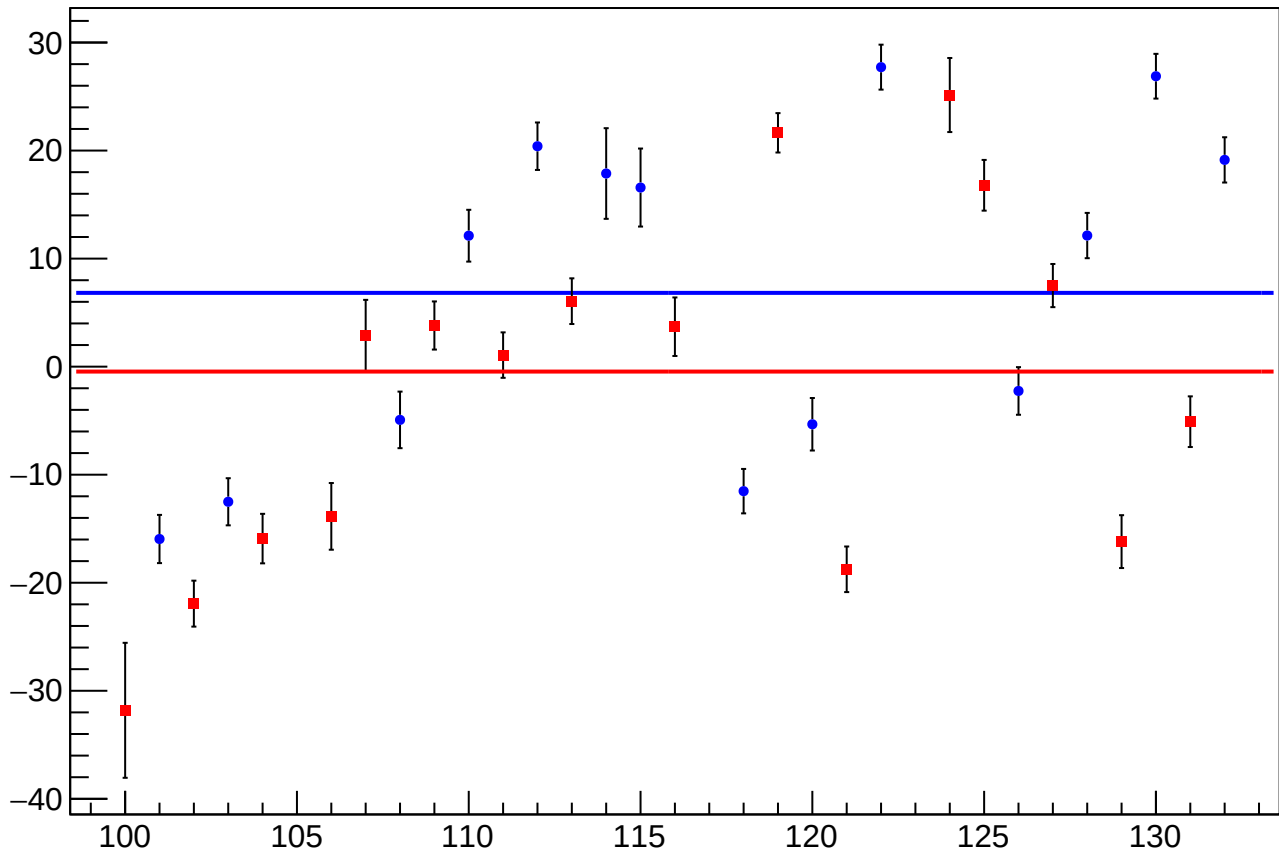
Right: 3111.021 $\pm$ 0.627 χ^2 /NDF: 12188.6/29

In: 3118.801 $\pm$ 0.902 χ^2 /NDF:5664.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3111.021 $\pm$ 0.627 χ^2 /NDF: 12188.6/29

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 6.829+/-0.620 χ^2/NDF : 617.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.455+/-0.596 χ^2/NDF : 601.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

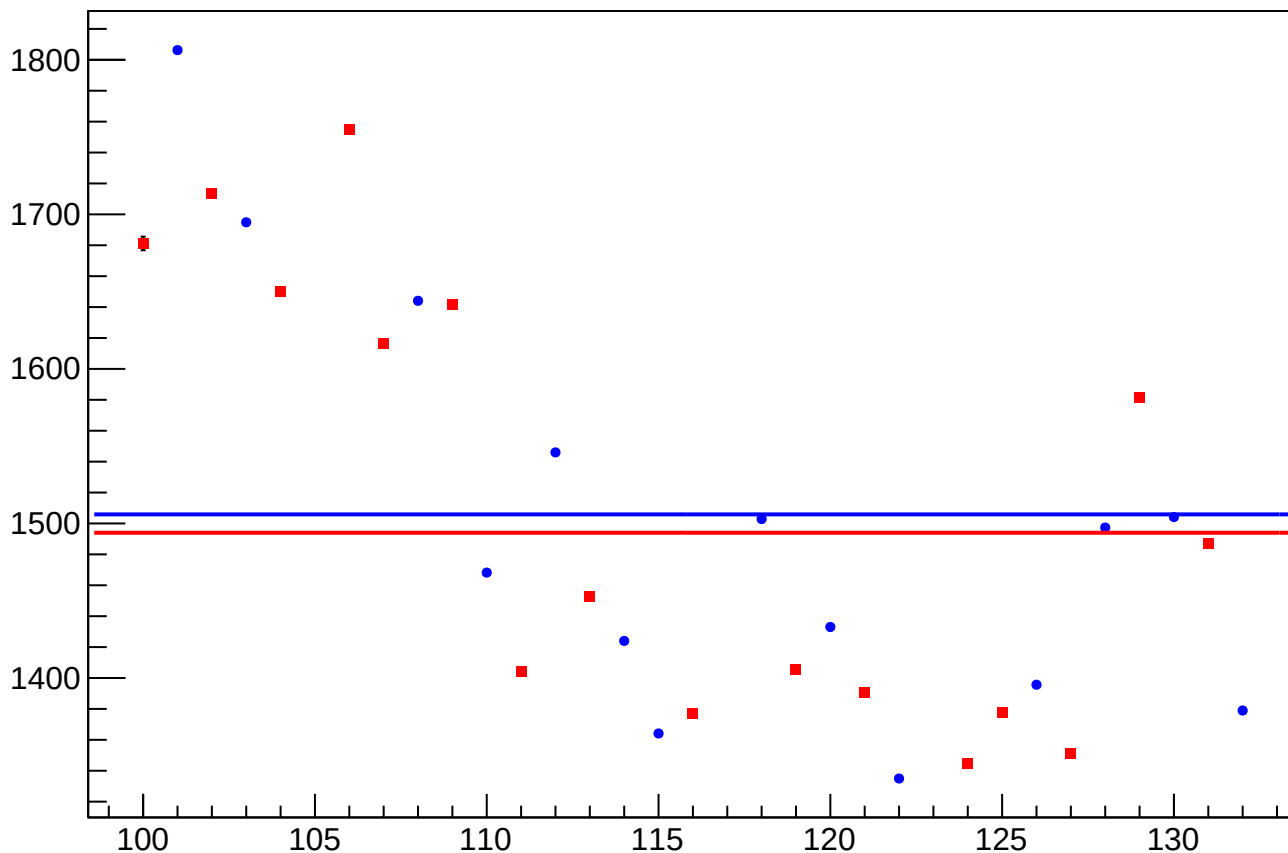
Right: 3.045+/-0.430 χ^2/NDF : 1291.0/29

In: 6.829+/-0.620 χ^2/NDF : 617.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.045+/-0.430 χ^2/NDF : 1291.0/29

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1505.868+/-0.438 χ^2/NDF : 89523.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1493.982+/-0.422 χ^2/NDF : 97296.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

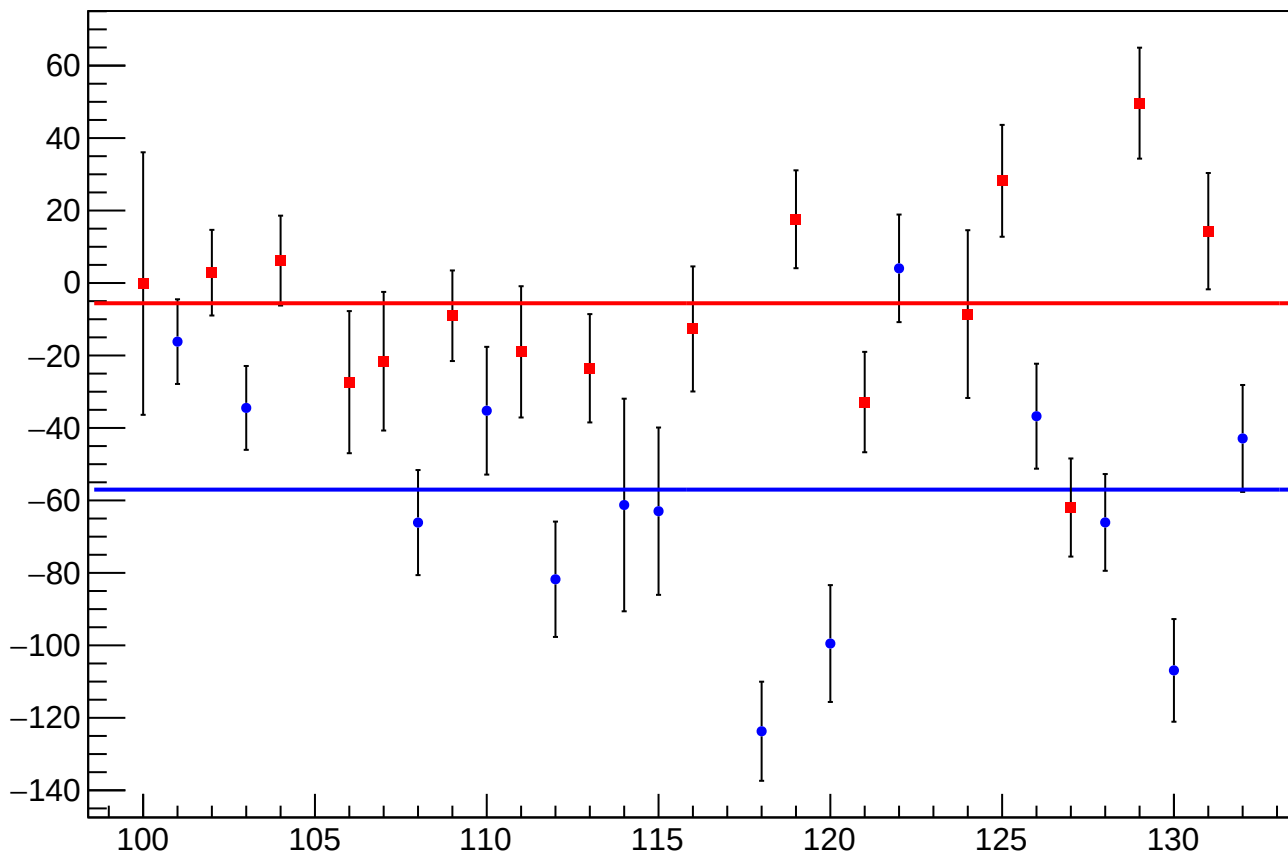
Right: 1499.694+/-0.304 χ^2/NDF : 187201.8/29

In: 1505.868+/-0.438 χ^2/NDF : 89523.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1499.694+/-0.304 χ^2/NDF : 187201.8/29

diff_bpm0l02X_mean vs Slug, Sign Corrected



Right In: -57.018+/-3.971 χ^2/NDF : 83.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.585+/-3.852 χ^2/NDF : 49.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

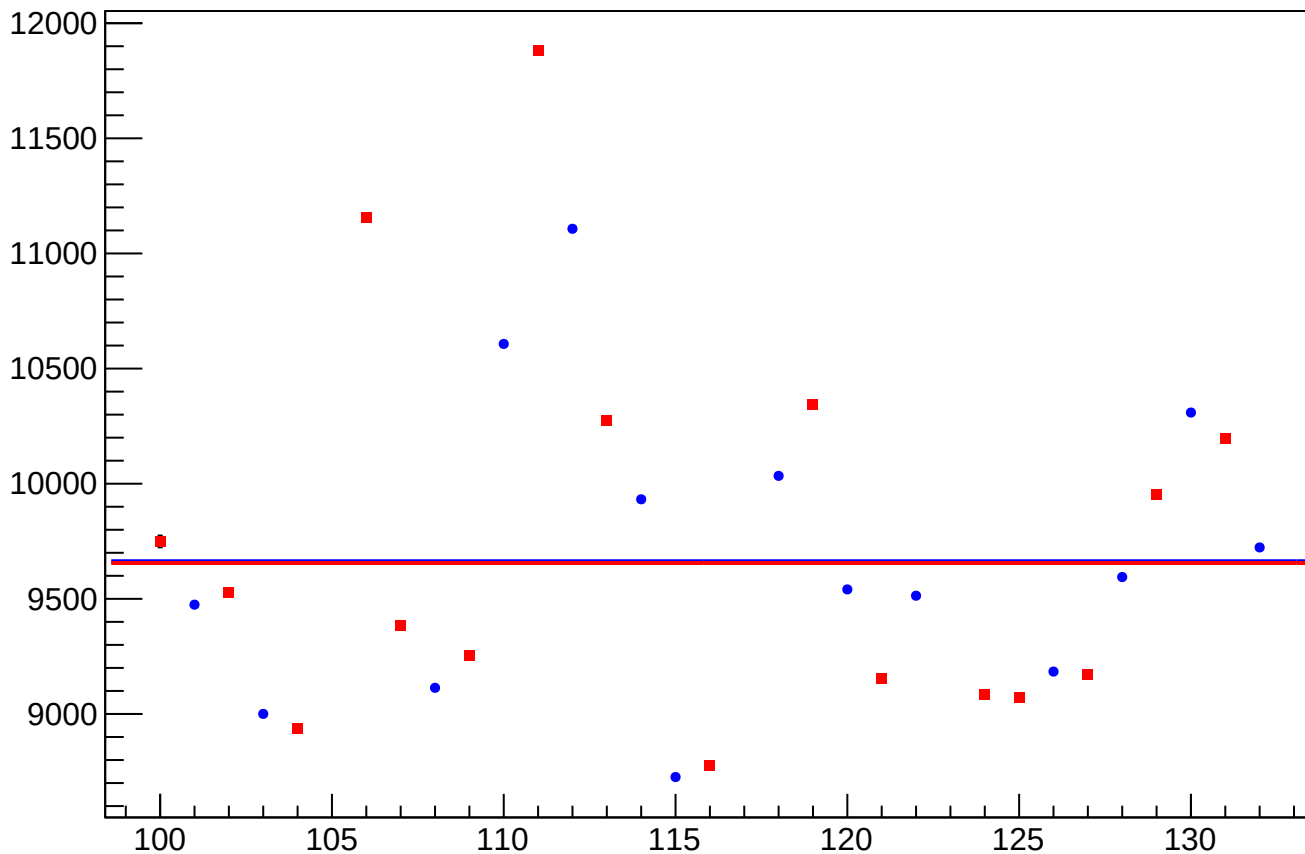
Right: -30.523+/-2.765 χ^2/NDF : 219.4/29

In: -57.018+/-3.971 χ^2/NDF : 83.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.523+/-2.765 χ^2/NDF : 219.4/29

diff_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 9663.274+/-2.808 χ^2/NDF : 43828.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9655.658+/-2.724 χ^2/NDF : 77514.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

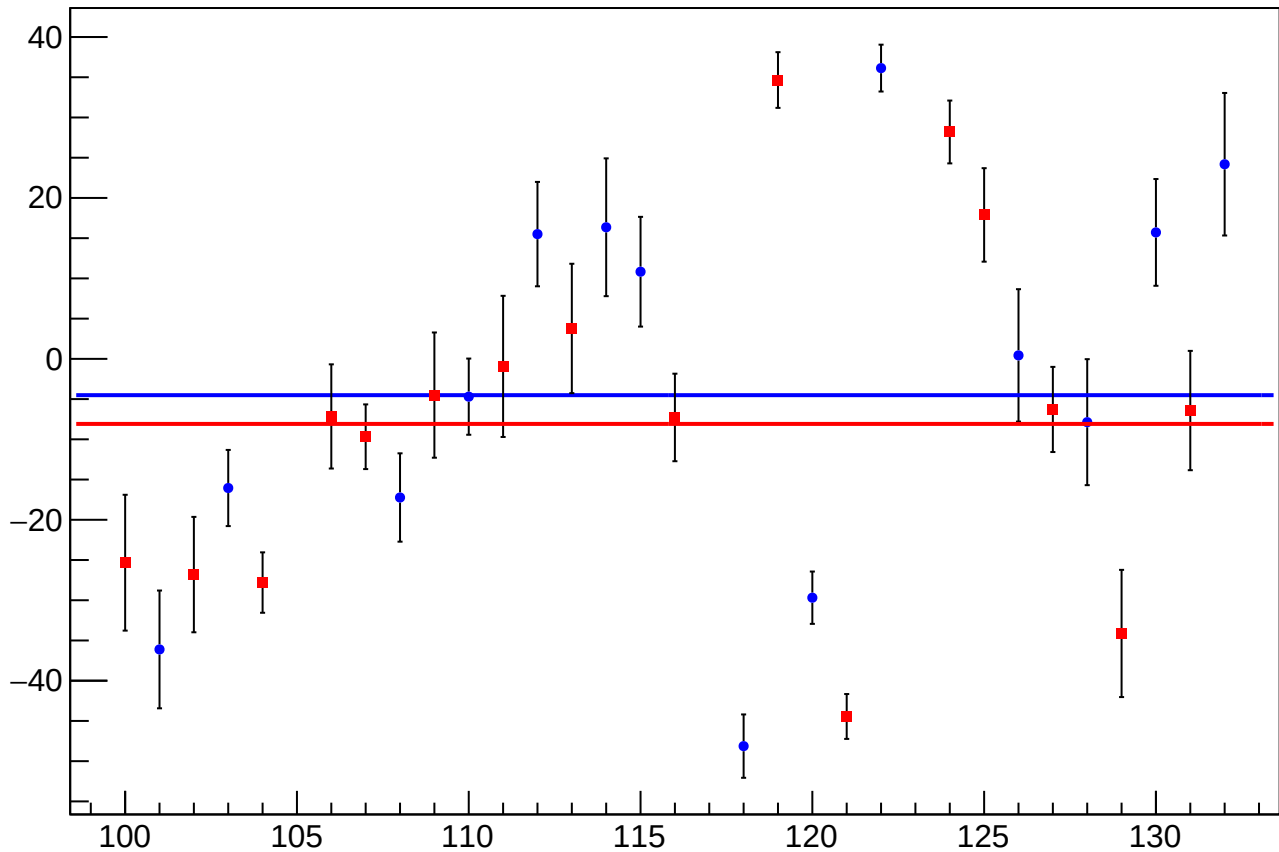
Right: 9659.351+/-1.955 χ^2/NDF : 121347.0/29

In: 9663.274+/-2.808 χ^2/NDF : 43828.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9659.351+/-1.955 χ^2/NDF : 121347.0/29

diff_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: -4.512+/-1.356 χ^2/NDF : 448.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.085+/-1.244 χ^2/NDF : 481.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

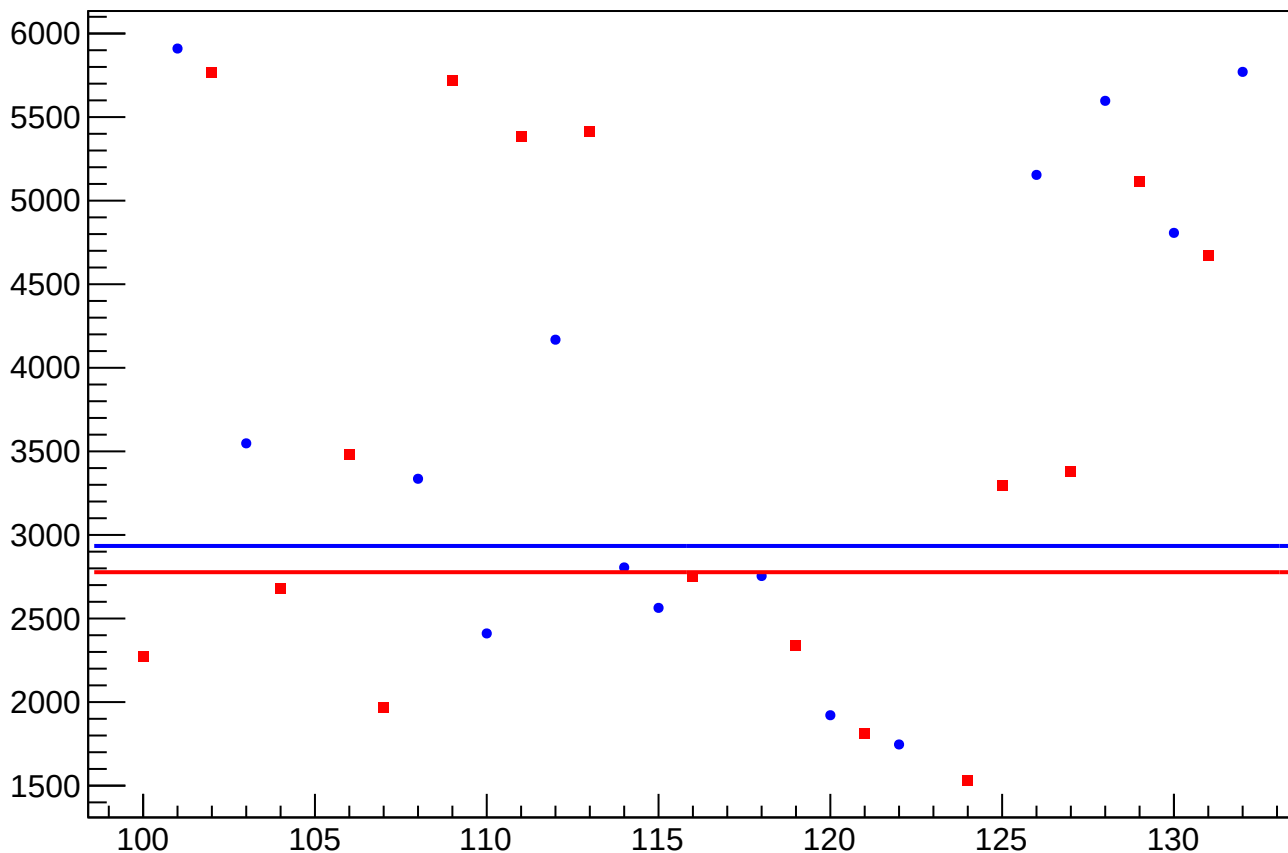
Right: -6.452+/-0.917 χ^2/NDF : 933.8/29

In: -4.512+/-1.356 χ^2/NDF : 448.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.452+/-0.917 χ^2/NDF : 933.8/29

diff_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 2934.128+/-0.959 χ^2/NDF : 1750643.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2777.138+/-0.880 χ^2/NDF : 1959108.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

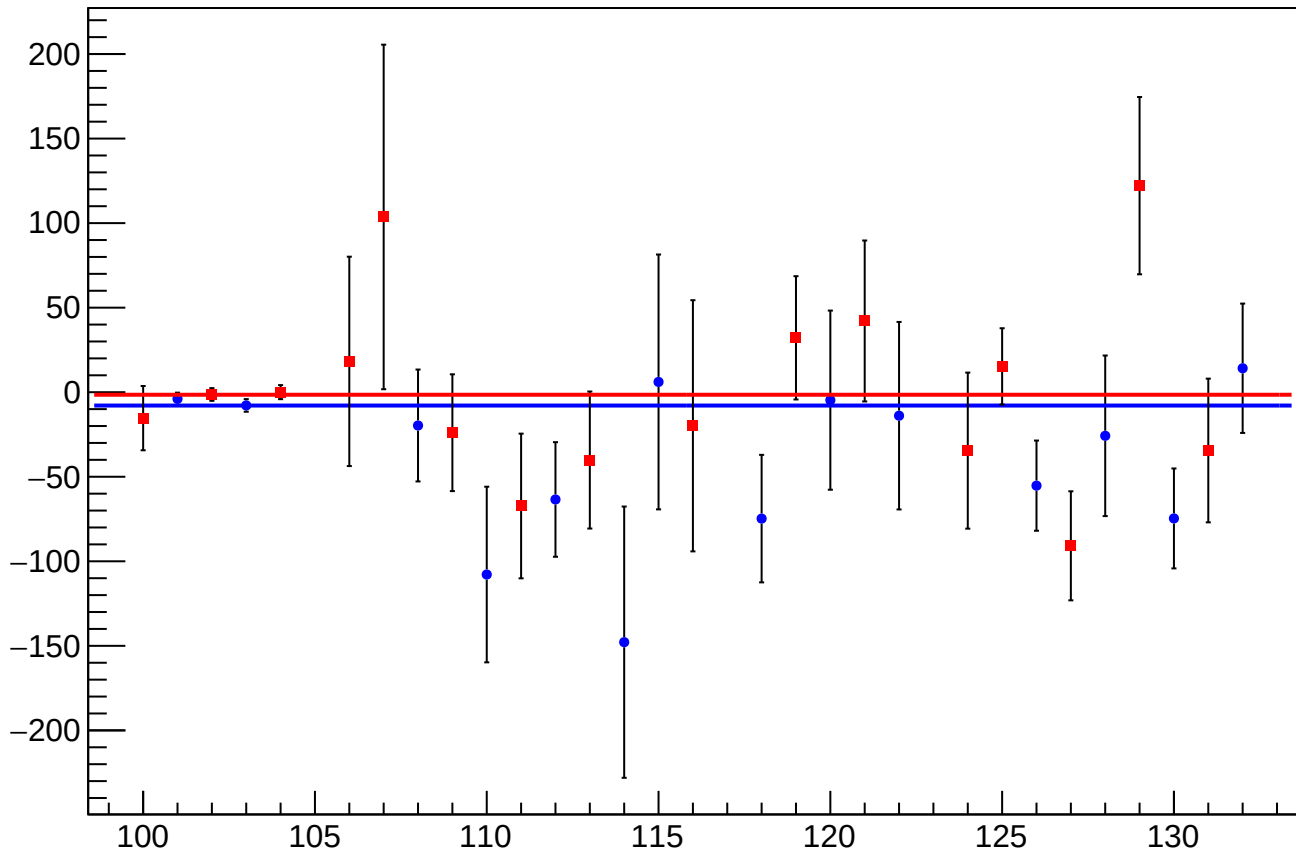
Right: 2848.869+/-0.648 χ^2/NDF : 3724303.5/29

In: 2934.128+/-0.959 χ^2/NDF : 1750643.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2848.869+/-0.648 χ^2/NDF : 3724303.5/29

diff_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -7.888+/-2.550 χ^2/NDF : 22.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.508+/-2.676 χ^2/NDF : 22.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

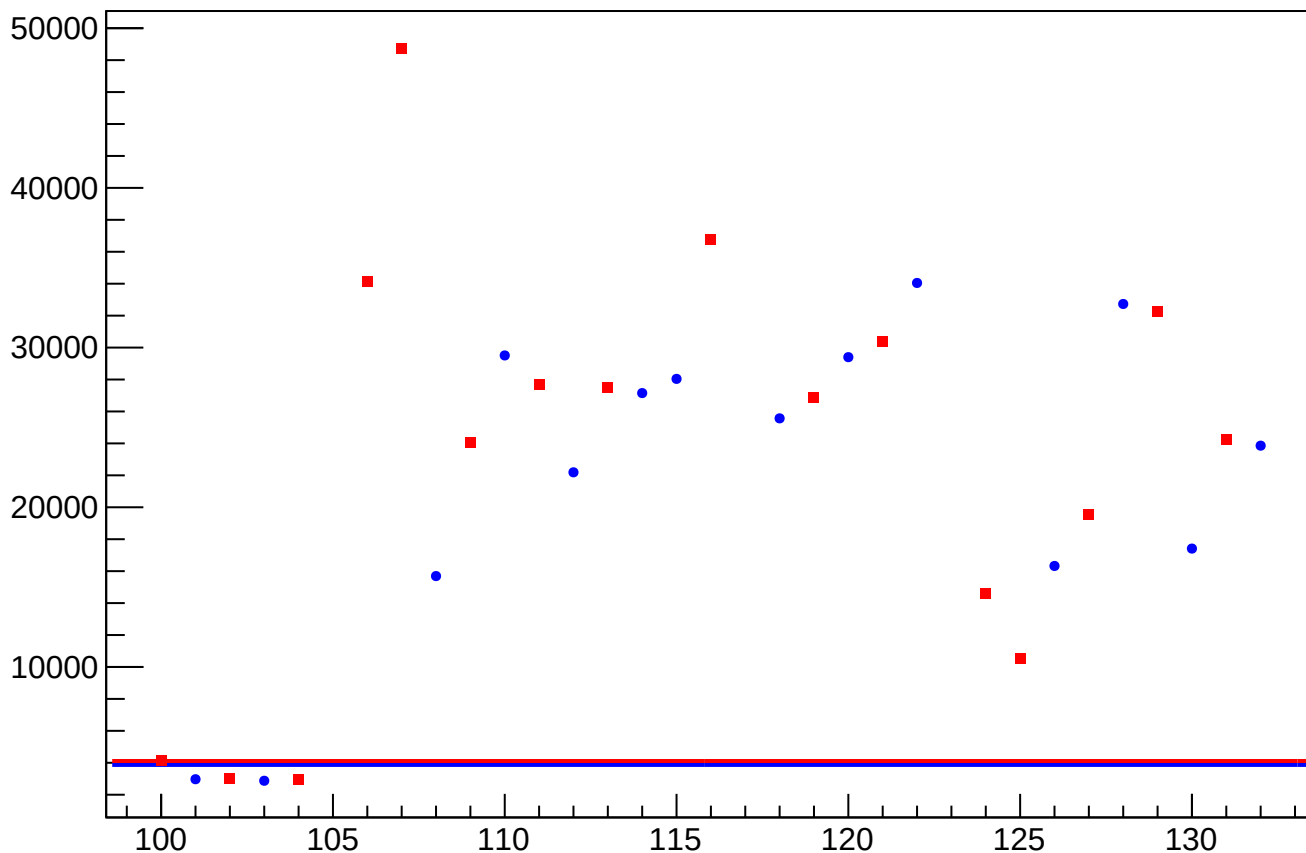
Right: -4.851+/-1.846 χ^2/NDF : 47.8/29

In: -7.888+/-2.550 χ^2/NDF : 22.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.851+/-1.846 χ^2/NDF : 47.8/29

diff_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 3866.286+/-1.803 χ^2/NDF : 5824598.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 4111.637+/-1.892 χ^2/NDF : 6644533.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

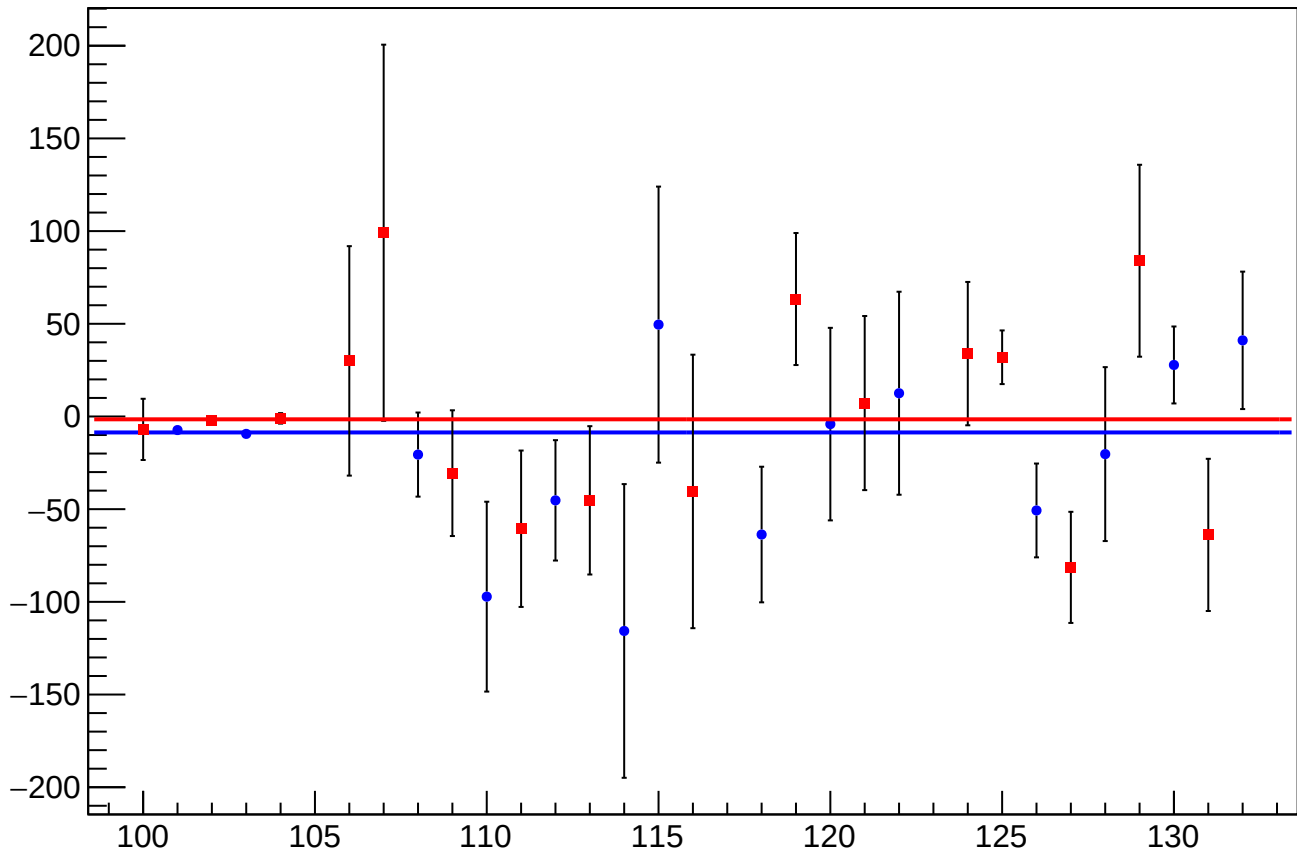
Right: 3983.082+/-1.305 χ^2/NDF : 12477942.8/29

In: 3866.286+/-1.803 χ^2/NDF :5824598.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3983.082+/-1.305 χ^2/NDF : 12477942.8/29

diff_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: -8.613 $\pm$ 1.761 χ^2 /NDF: 17.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.530 $\pm$ 1.853 χ^2 /NDF: 27.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

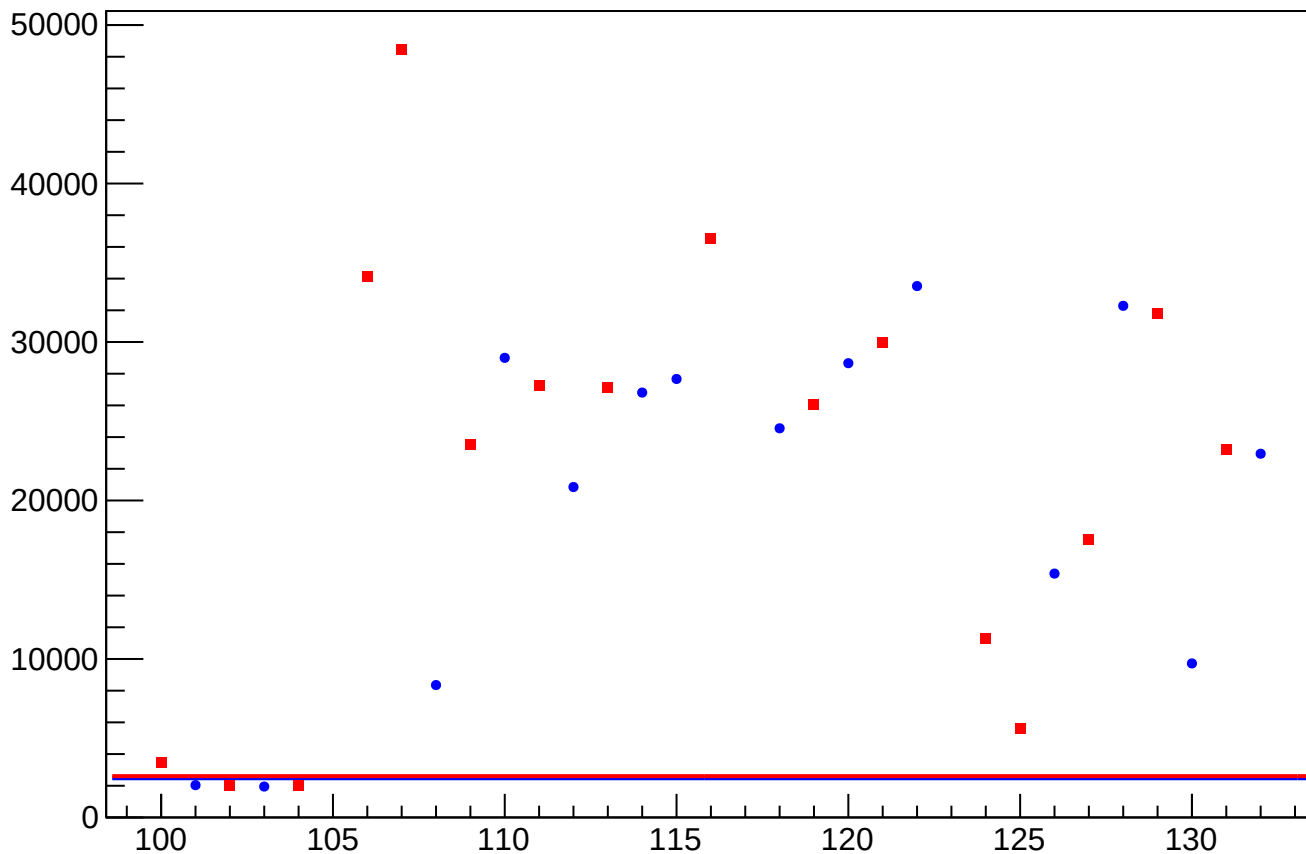
Right: -5.252 $\pm$ 1.277 χ^2 /NDF: 52.4/29

In: -8.613 $\pm$ 1.761 χ^2 /NDF:17.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.252 $\pm$ 1.277 χ^2 /NDF: 52.4/29

diff_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 2473.418+/-1.245 χ^2/NDF : 5936940.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2607.998+/-1.310 χ^2/NDF : 7106646.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

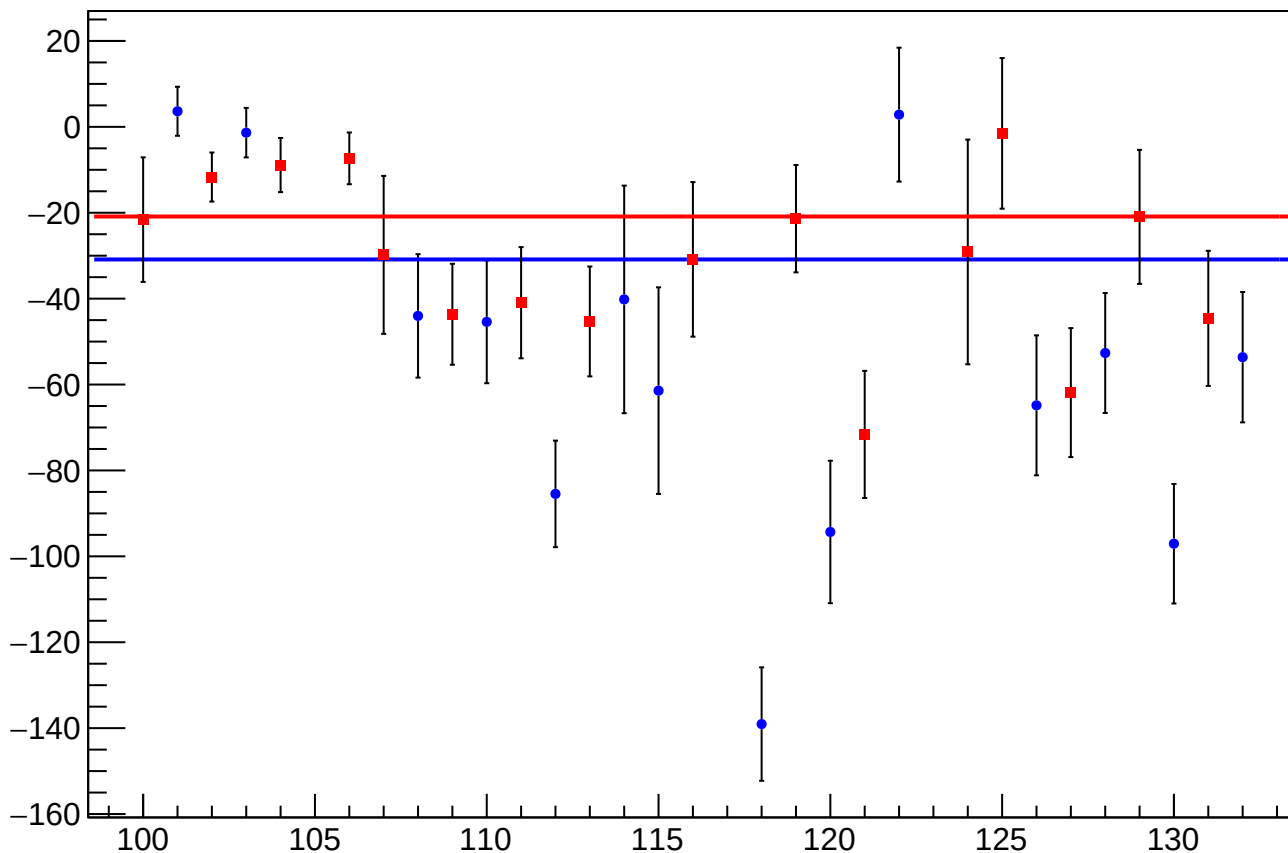
Right: 2537.284+/-0.903 χ^2/NDF : 13049129.2/29

In: 2473.418+/-1.245 χ^2/NDF : 5936940.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2537.284+/-0.903 χ^2/NDF : 13049129.2/29

diff_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -30.873 ± 2.987 χ^2/NDF : 203.8/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -20.875 ± 2.656 χ^2/NDF : 44.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

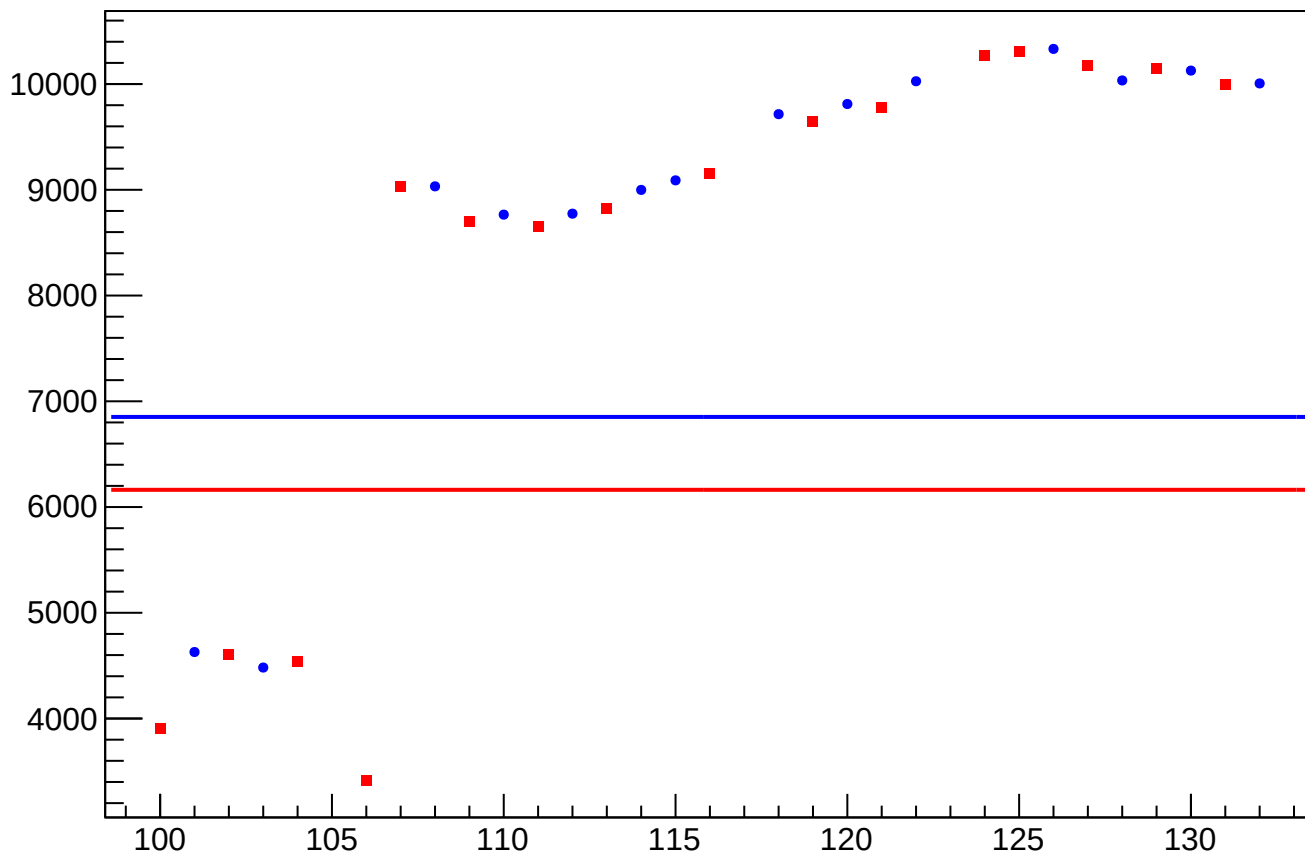
Right: -25.289 ± 1.985 χ^2/NDF : 254.5/29

In: -30.873 ± 2.987 χ^2/NDF : 203.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -25.289 ± 1.985 χ^2/NDF : 254.5/29

diff_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 6852.076+/-2.112 χ^2/NDF : 1434946.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 6162.886+/-1.878 χ^2/NDF : 1930934.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

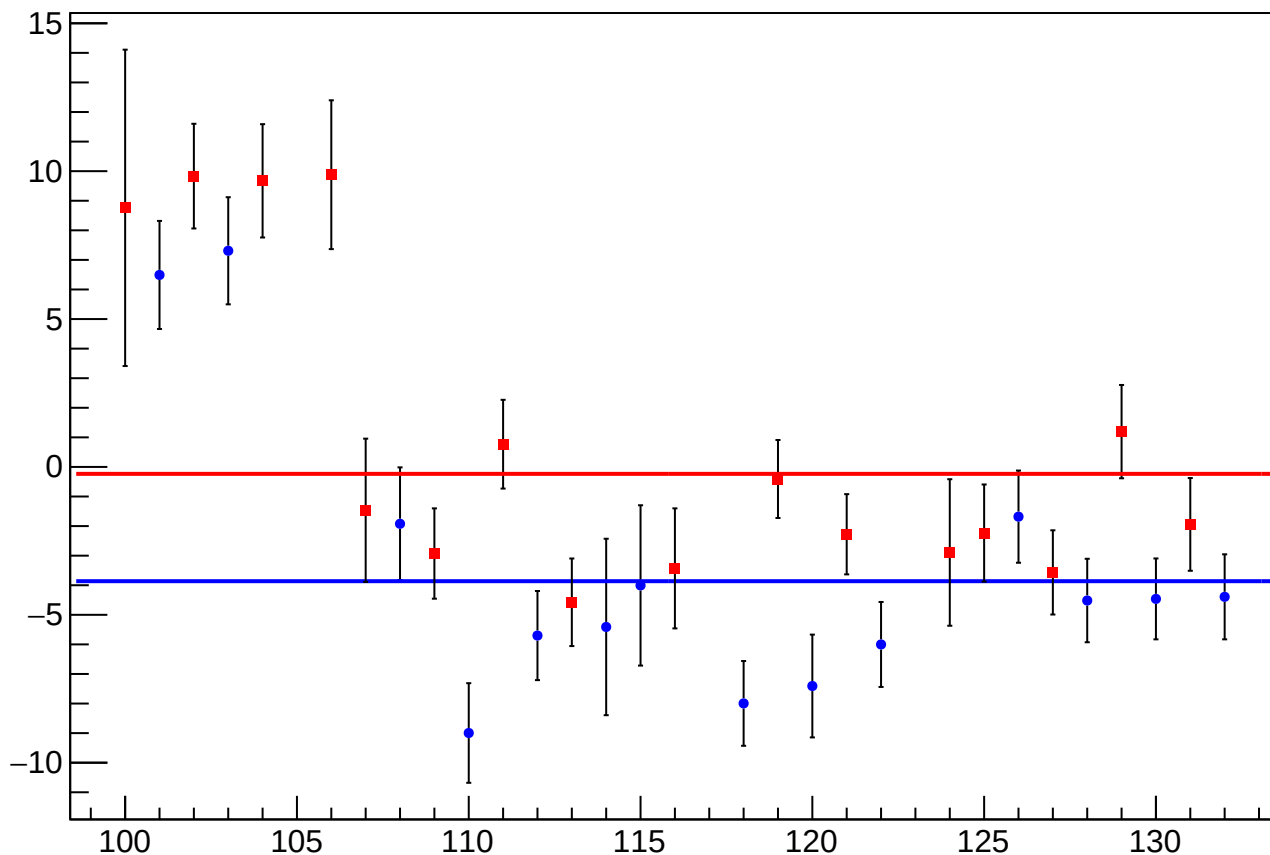
Right: 6467.173+/-1.403 χ^2/NDF : 3425349.7/29

In: 6852.076+/-2.112 χ^2/NDF :1434946.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6467.173+/-1.403 χ^2/NDF : 3425349.7/29

diff_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -3.863+/-0.440 χ^2/NDF : 99.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.234+/-0.427 χ^2/NDF : 105.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

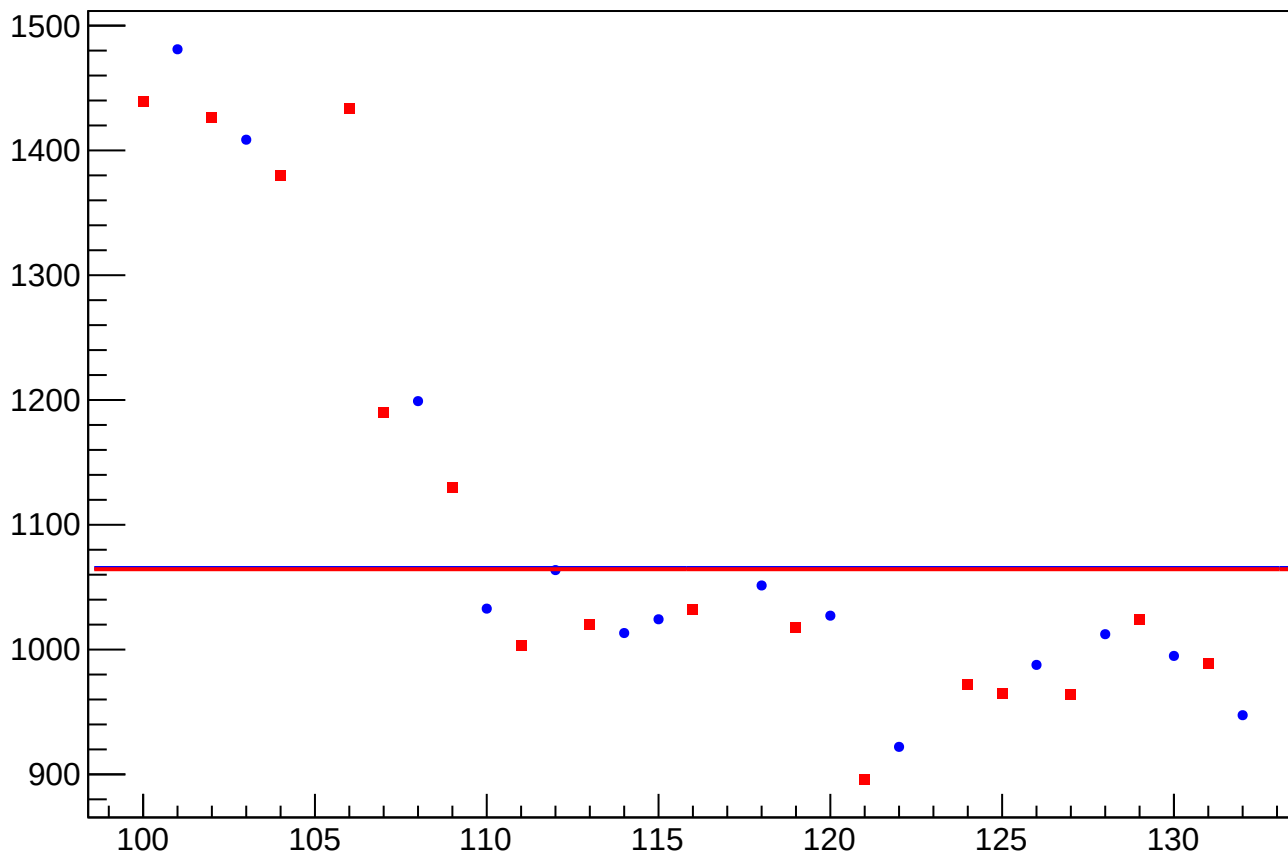
Right: -1.993+/-0.307 χ^2/NDF : 239.8/29

In: -3.863+/-0.440 χ^2/NDF :99.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.993+/-0.307 χ^2/NDF : 239.8/29

diff_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 1065.368+/-0.311 χ^2/NDF : 234623.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1064.396+/-0.302 χ^2/NDF : 265109.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

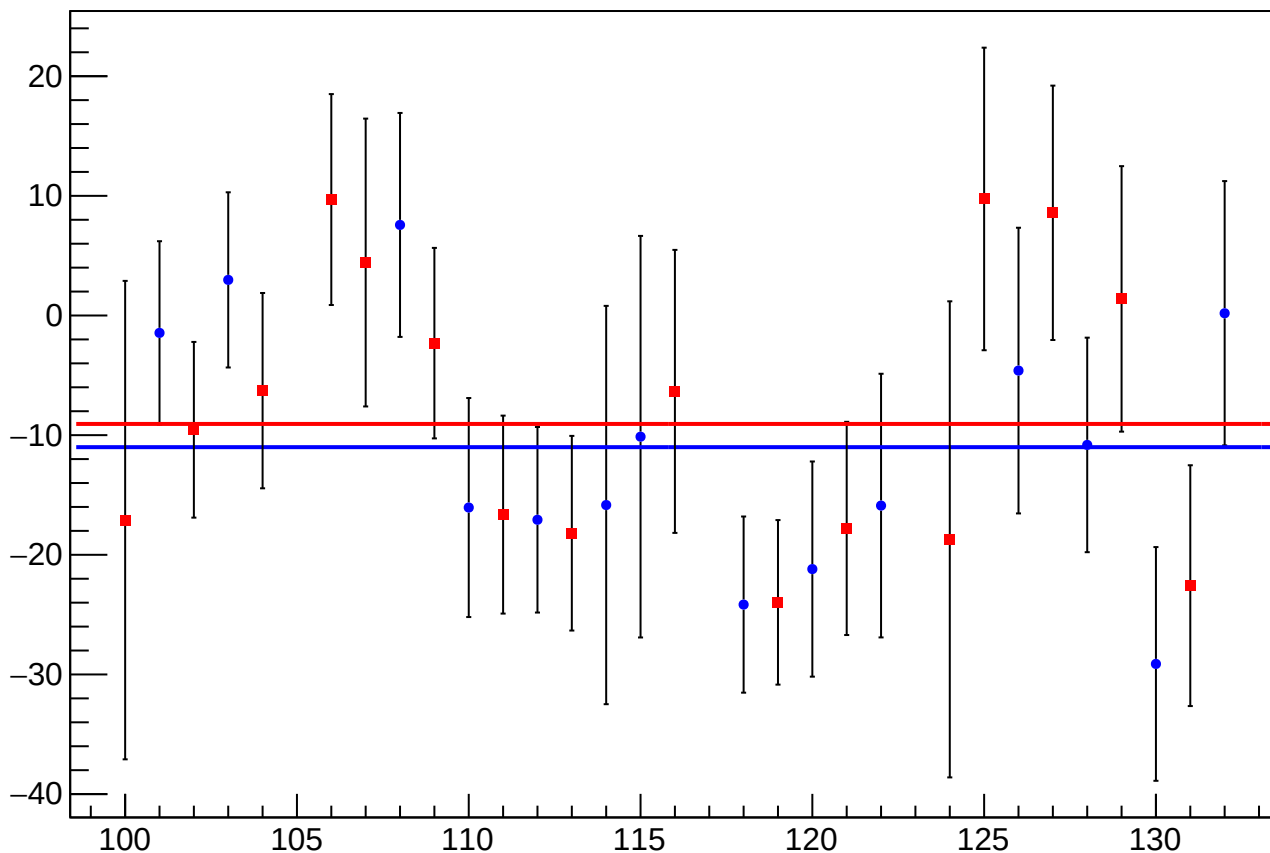
Right: 1064.867+/-0.217 χ^2/NDF : 499737.9/29

In: 1065.368+/-0.311 χ^2/NDF : 234623.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1064.867+/-0.217 χ^2/NDF : 499737.9/29

diff_bpm0l05X_mean vs Slug, Sign Corrected



Right In: -11.004 ± 2.500 χ^2/NDF : 19.6/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -9.063 ± 2.371 χ^2/NDF : 22.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

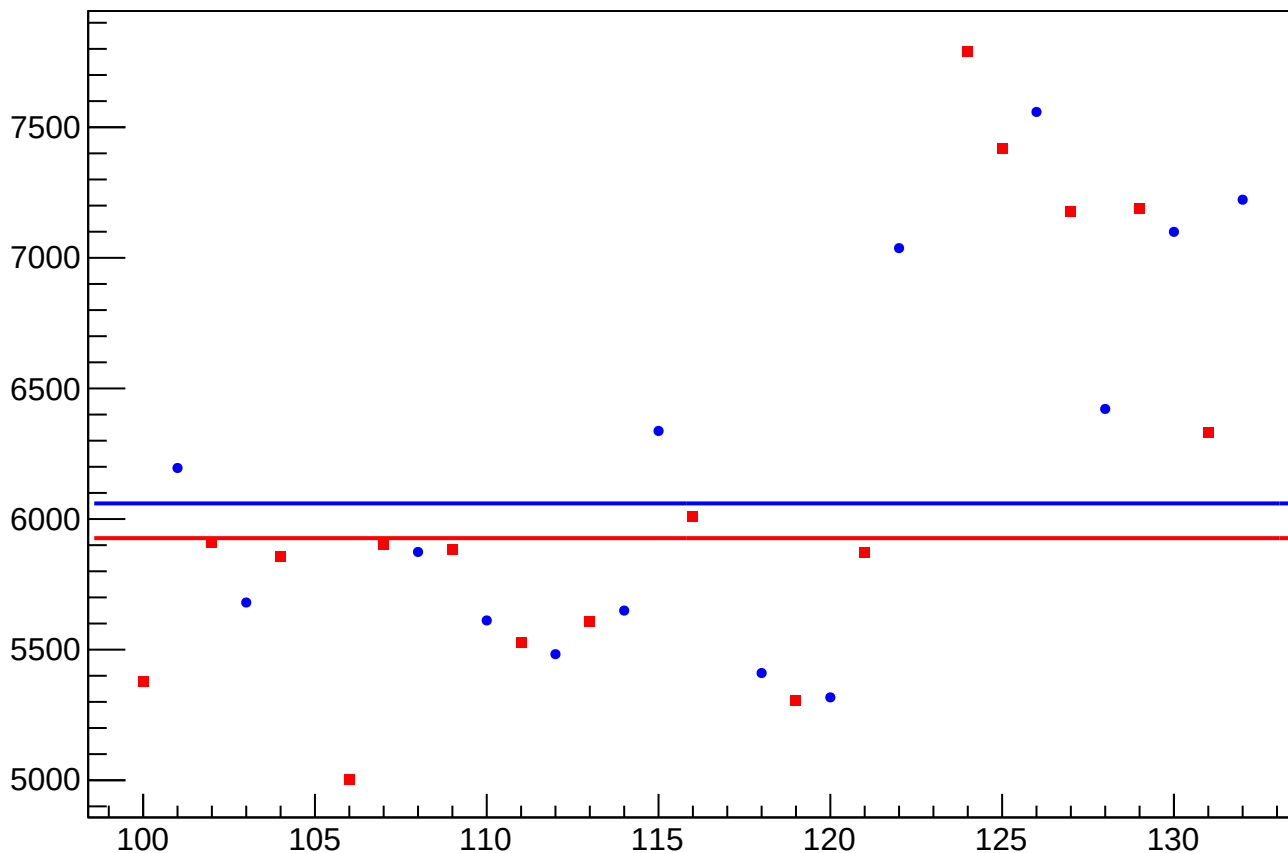
Right: -9.982 ± 1.720 χ^2/NDF : 42.4/29

In: -11.004 ± 2.500 χ^2/NDF : 19.6/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.982 ± 1.720 χ^2/NDF : 42.4/29

diff_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 6059.827+/-1.768 χ^2/NDF : 148966.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 5926.907+/-1.677 χ^2/NDF : 150007.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

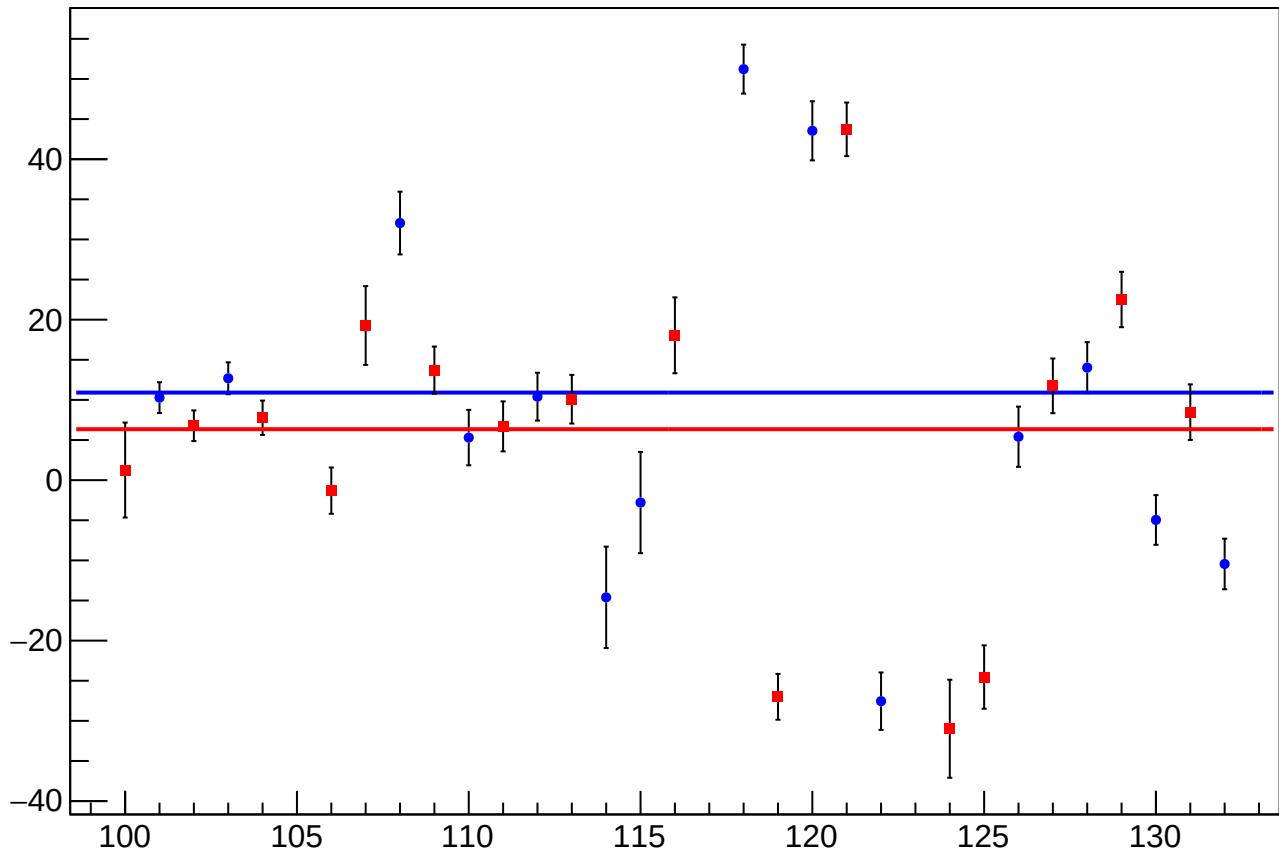
Right: 5989.858+/-1.216 χ^2/NDF : 301951.2/29

In: 6059.827+/-1.768 χ^2/NDF :148966.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 5989.858+/-1.216 χ^2/NDF : 301951.2/29

diff_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 10.913+/-0.824 χ^2/NDF : 497.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.350+/-0.788 χ^2/NDF : 414.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

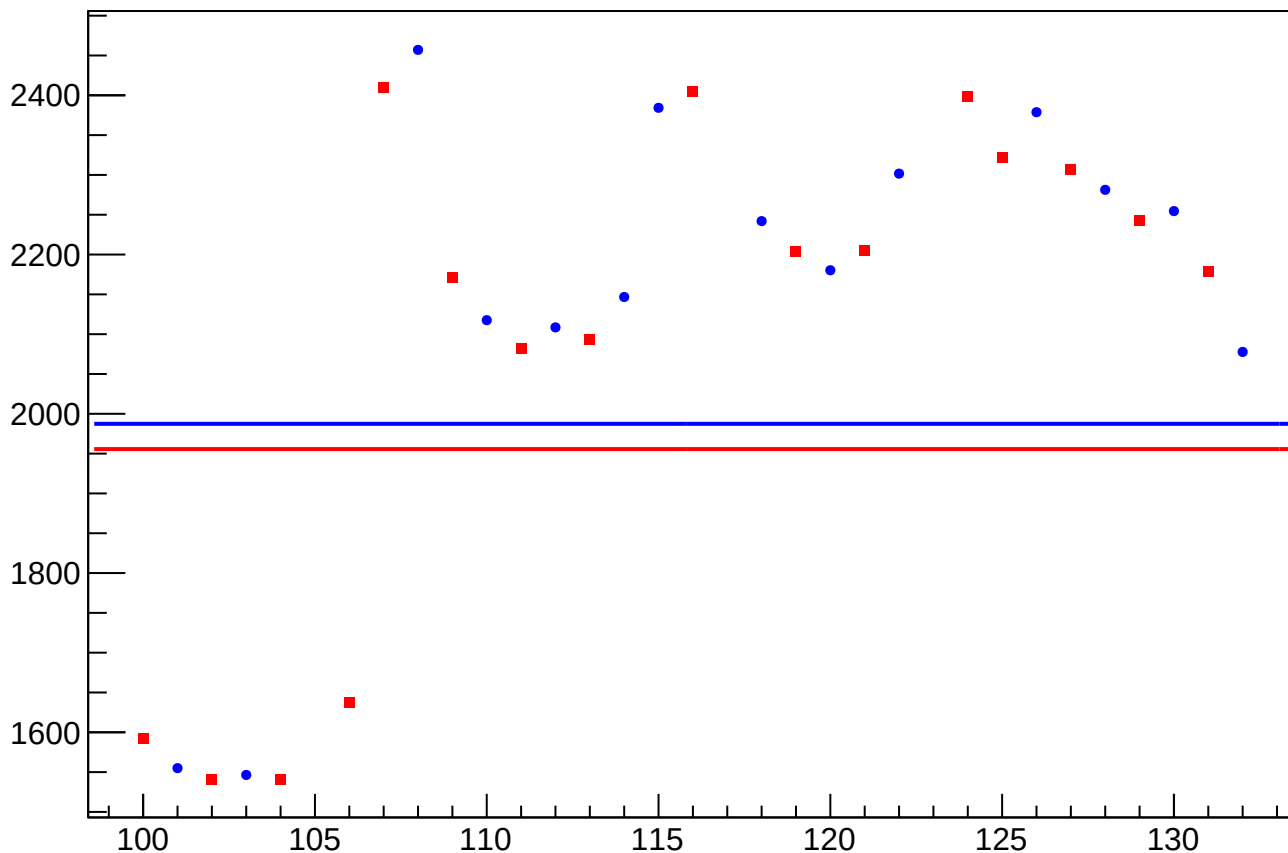
Right: 8.528+/-0.569 χ^2/NDF : 927.9/29

In: 10.913+/-0.824 χ^2/NDF : 497.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.528+/-0.569 χ^2/NDF : 927.9/29

diff_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 1987.412+/-0.583 χ^2/NDF : 334591.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1955.711+/-0.557 χ^2/NDF : 352249.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

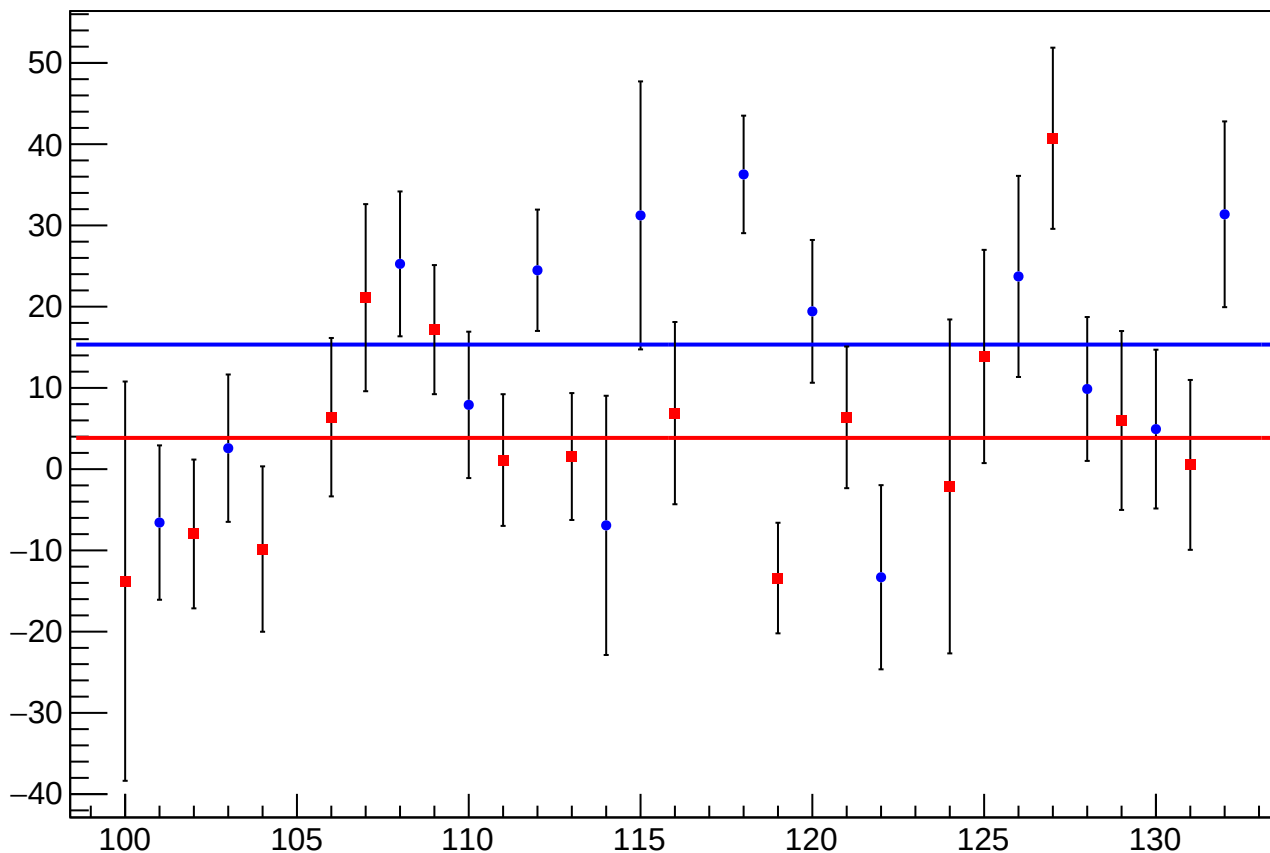
Right: 1970.840+/-0.403 χ^2/NDF : 688387.2/29

In: 1987.412+/-0.583 χ^2/NDF : 334591.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1970.840+/-0.403 χ^2/NDF : 688387.2/29

diff_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 15.334+/-2.574 χ^2/NDF : 32.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.846+/-2.461 χ^2/NDF : 27.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

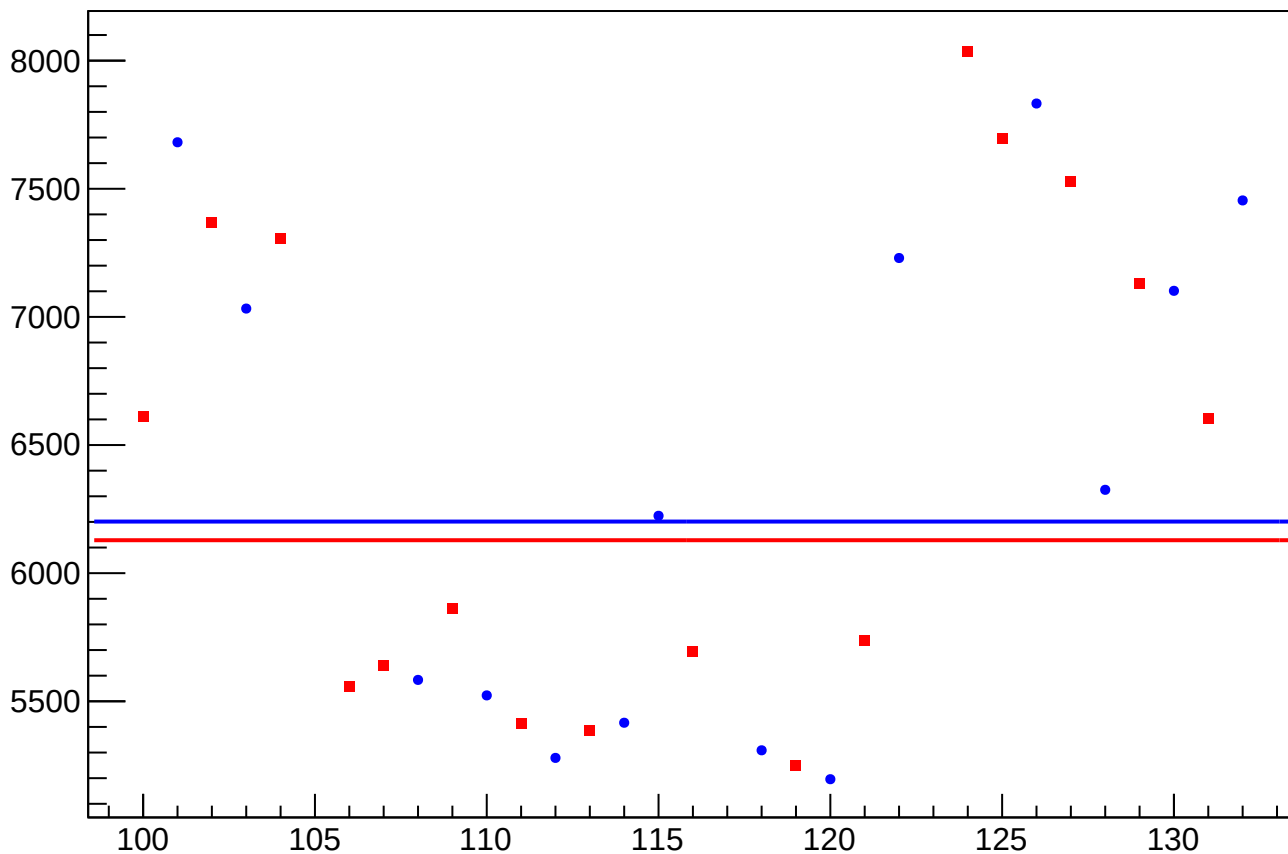
Right: 9.333+/-1.779 χ^2/NDF : 70.6/29

In: 15.334+/-2.574 χ^2/NDF : 32.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.333+/-1.779 χ^2/NDF : 70.6/29

diff_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 6201.376+/-1.820 χ^2/NDF : 270890.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6128.583+/-1.740 χ^2/NDF : 248880.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

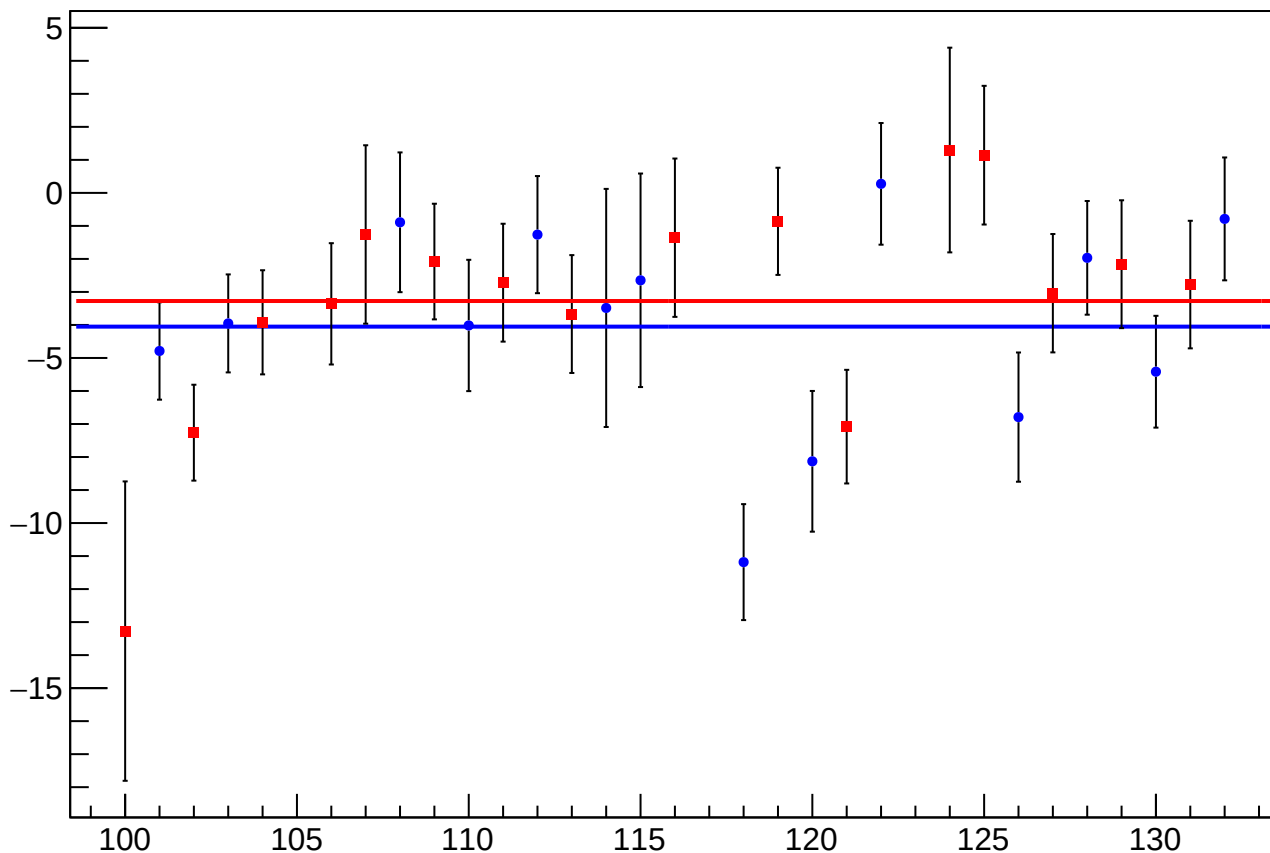
Right: 6163.352+/-1.258 χ^2/NDF : 520606.1/29

In: 6201.376+/-1.820 χ^2/NDF : 270890.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6163.352+/-1.258 χ^2/NDF : 520606.1/29

diff_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -4.051 ± 0.503 χ^2/NDF : 38.0/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.275 ± 0.478 χ^2/NDF : 28.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

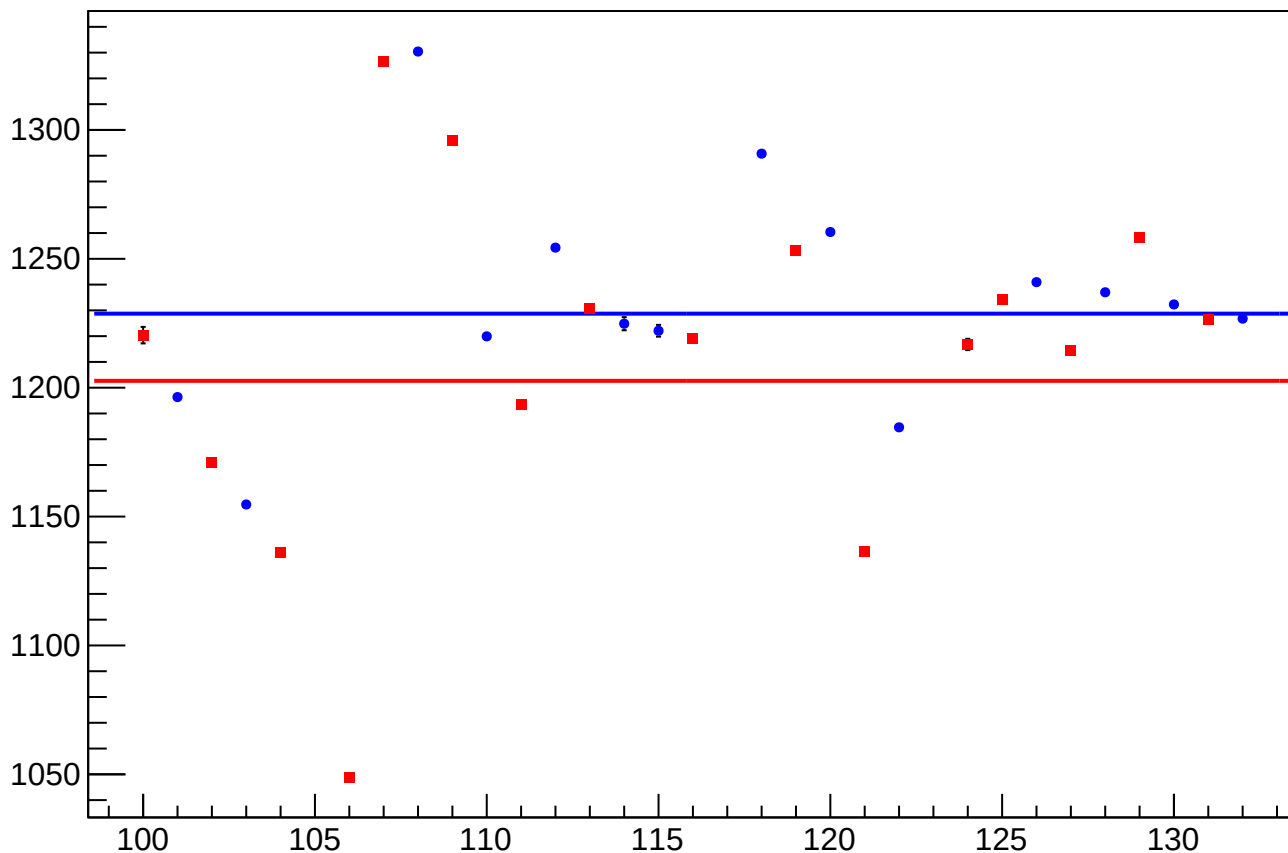
Right: -3.643 ± 0.346 χ^2/NDF : 67.7/29

In: -4.051 ± 0.503 χ^2/NDF : 38.0/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.643 ± 0.346 χ^2/NDF : 67.7/29

diff_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 1228.724 $\pm$ 0.356 χ^2 /NDF: 15246.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1202.664 $\pm$ 0.338 χ^2 /NDF: 36534.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

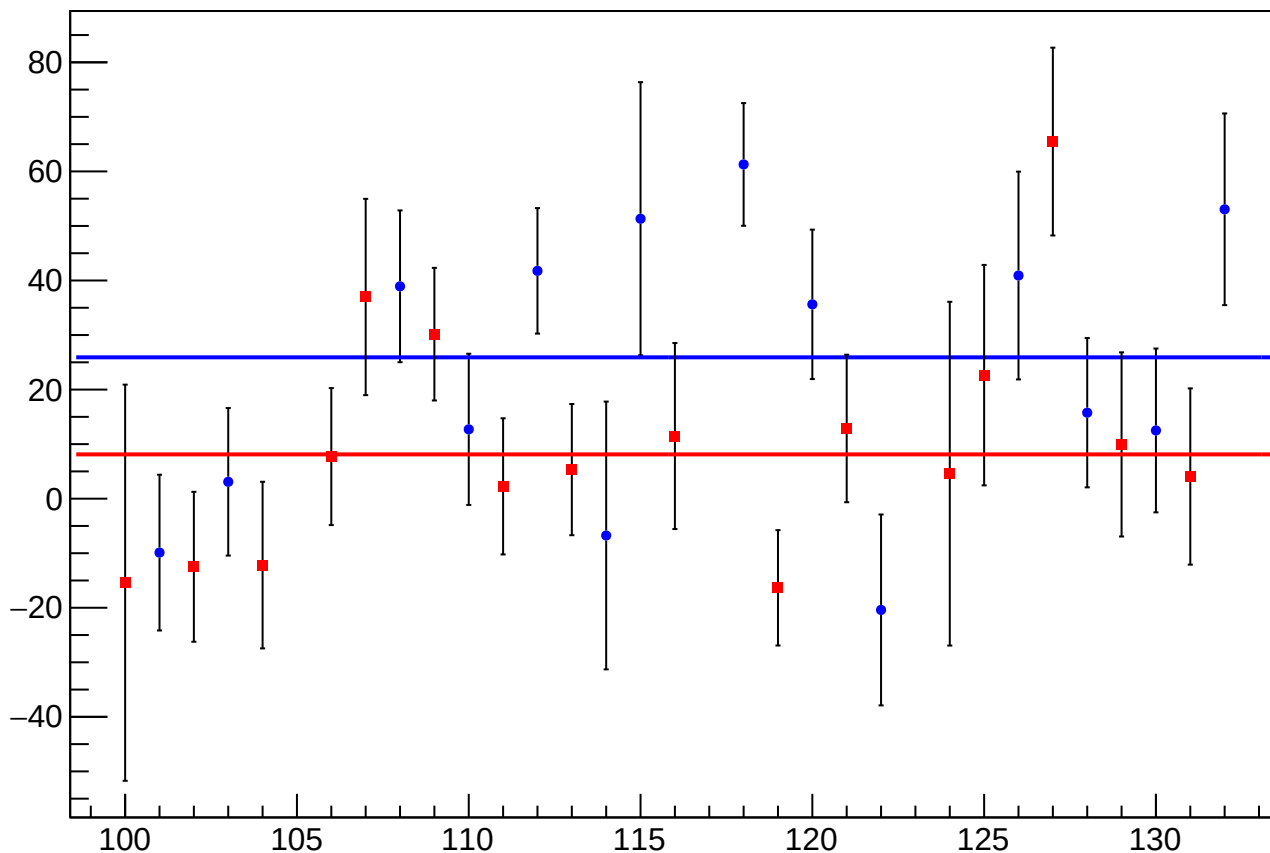
Right: 1215.030 $\pm$ 0.245 χ^2 /NDF: 54603.9/29

In: 1228.724 $\pm$ 0.356 χ^2 /NDF:15246.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1215.030 $\pm$ 0.245 χ^2 /NDF: 54603.9/29

diff_bpm0l07X_mean vs Slug, Sign Corrected



Right In: 25.913+/-3.958 χ^2/NDF : 37.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.119+/-3.730 χ^2/NDF : 27.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

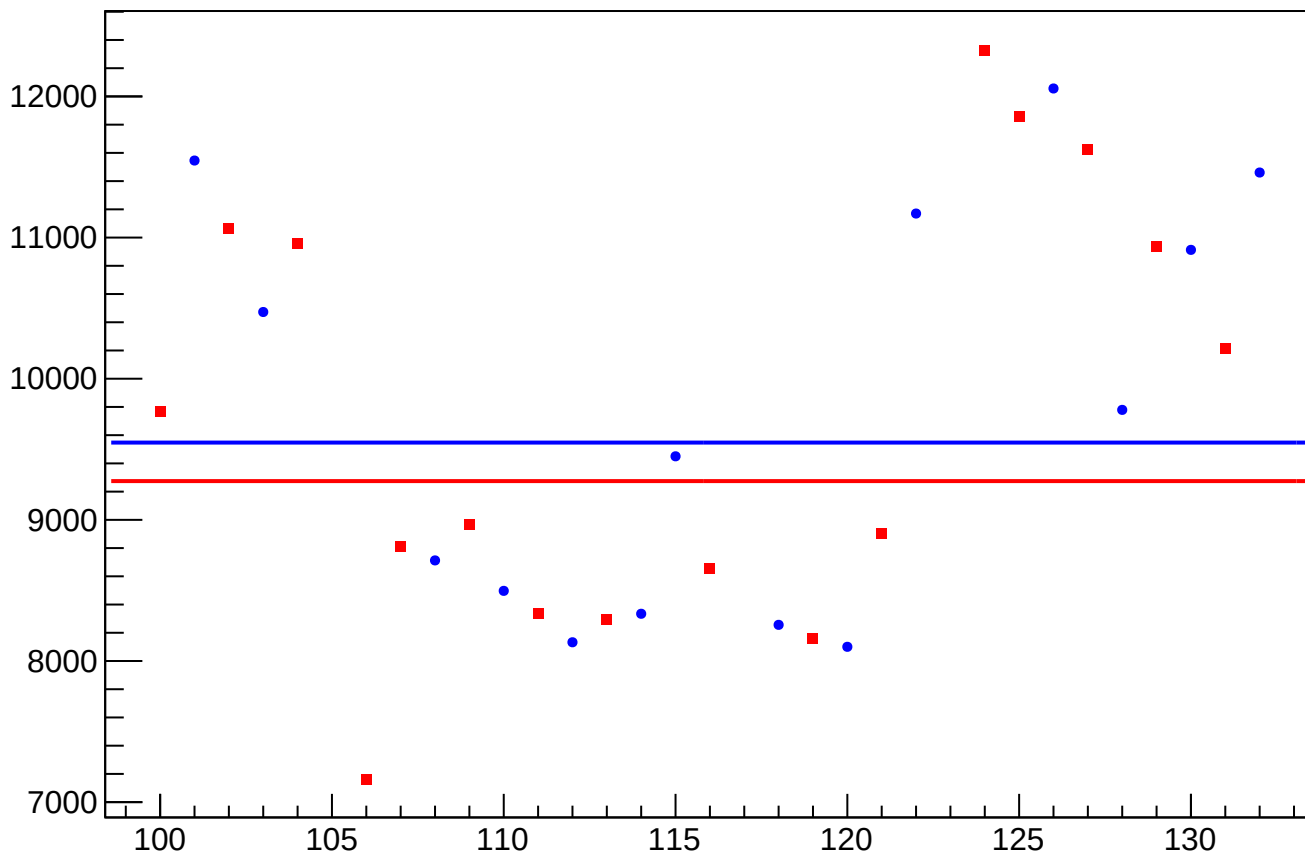
Right: 16.487+/-2.715 χ^2/NDF : 75.9/29

In: 25.913+/-3.958 χ^2/NDF : 37.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.487+/-2.715 χ^2/NDF : 75.9/29

diff_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 9547.546+/-2.799 χ^2/NDF : 243773.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9274.607+/-2.637 χ^2/NDF : 283636.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

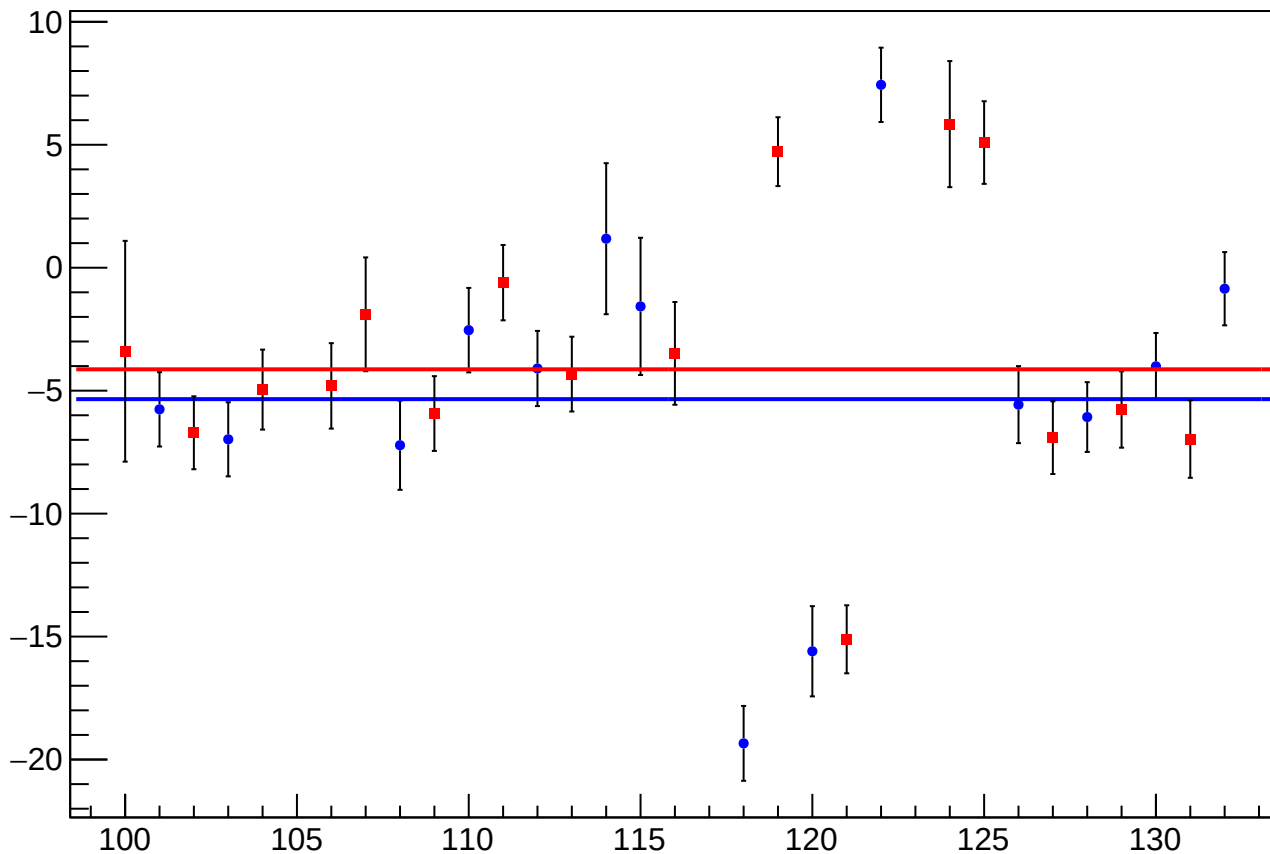
Right: 9402.964+/-1.919 χ^2/NDF : 532447.1/29

In: 9547.546+/-2.799 χ^2/NDF : 243773.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9402.964+/-1.919 χ^2/NDF : 532447.1/29

diff_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: -5.345 ± 0.436 χ^2/NDF : 209.7/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.131 ± 0.418 χ^2/NDF : 167.3/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

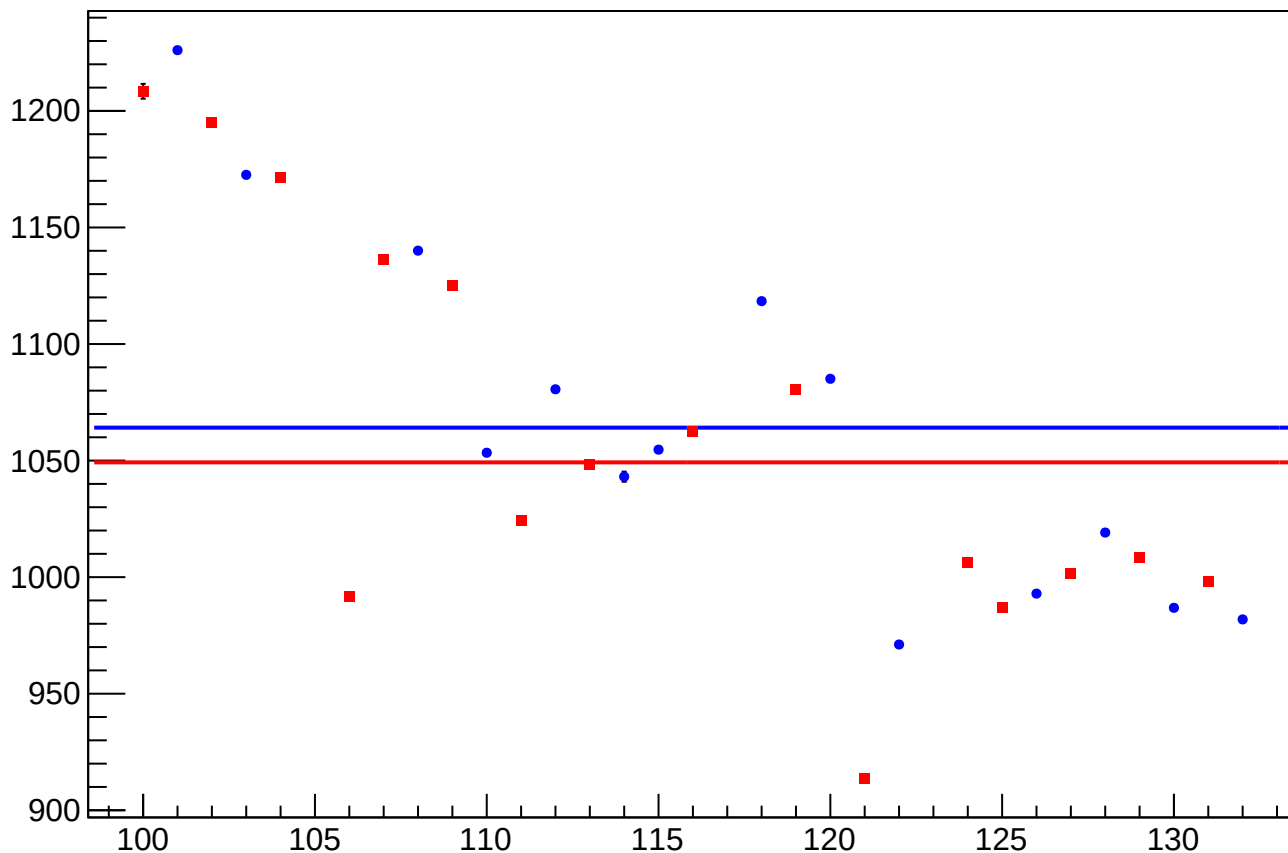
Right: -4.711 ± 0.302 χ^2/NDF : 381.0/29

In: -5.345 ± 0.436 χ^2/NDF : 209.7/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.711 ± 0.302 χ^2/NDF : 381.0/29

diff_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 1064.134+/-0.309 χ^2/NDF : 66352.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1049.236+/-0.295 χ^2/NDF : 72888.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

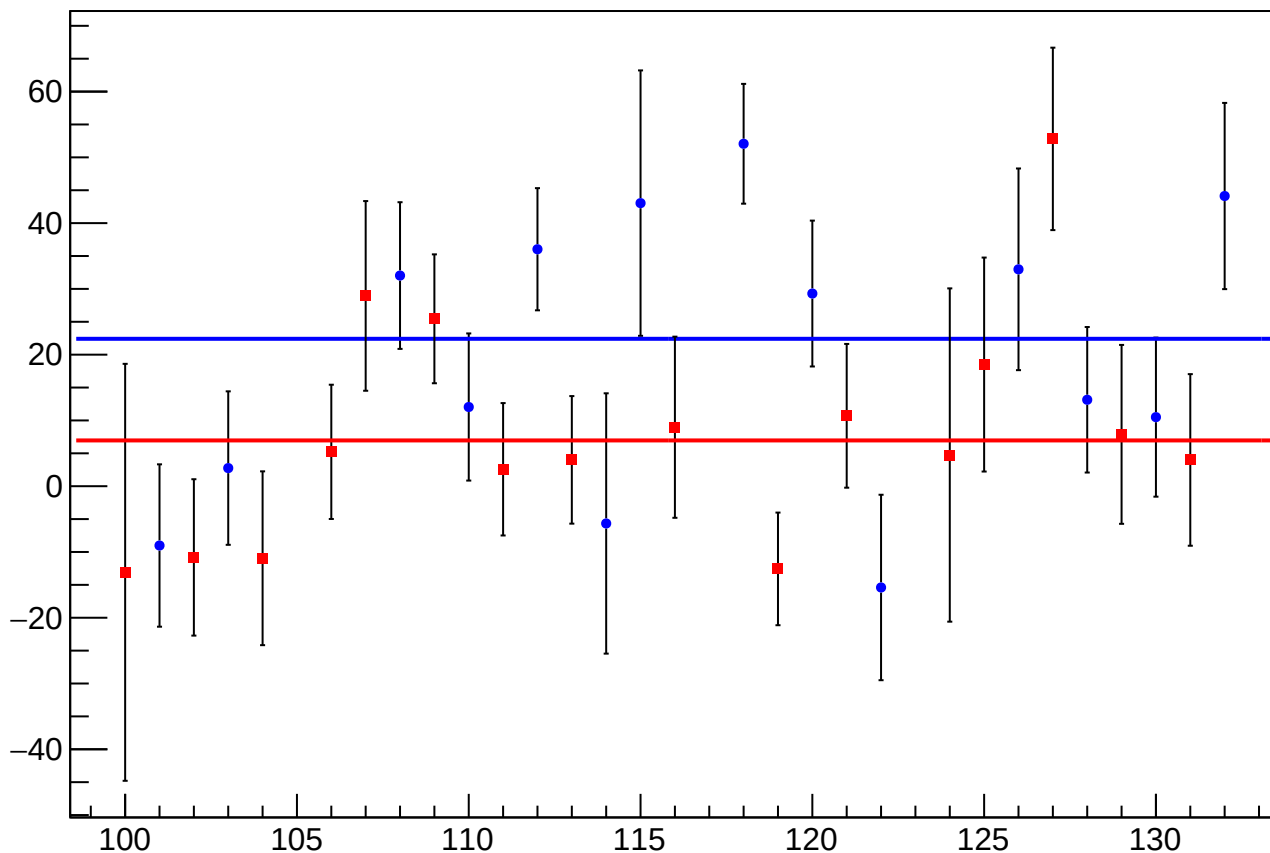
Right: 1056.354+/-0.213 χ^2/NDF : 140457.6/29

In: 1064.134+/-0.309 χ^2/NDF : 66352.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1056.354+/-0.213 χ^2/NDF : 140457.6/29

diff_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 22.411+/-3.227 χ^2/NDF : 38.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.960+/-3.040 χ^2/NDF : 27.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

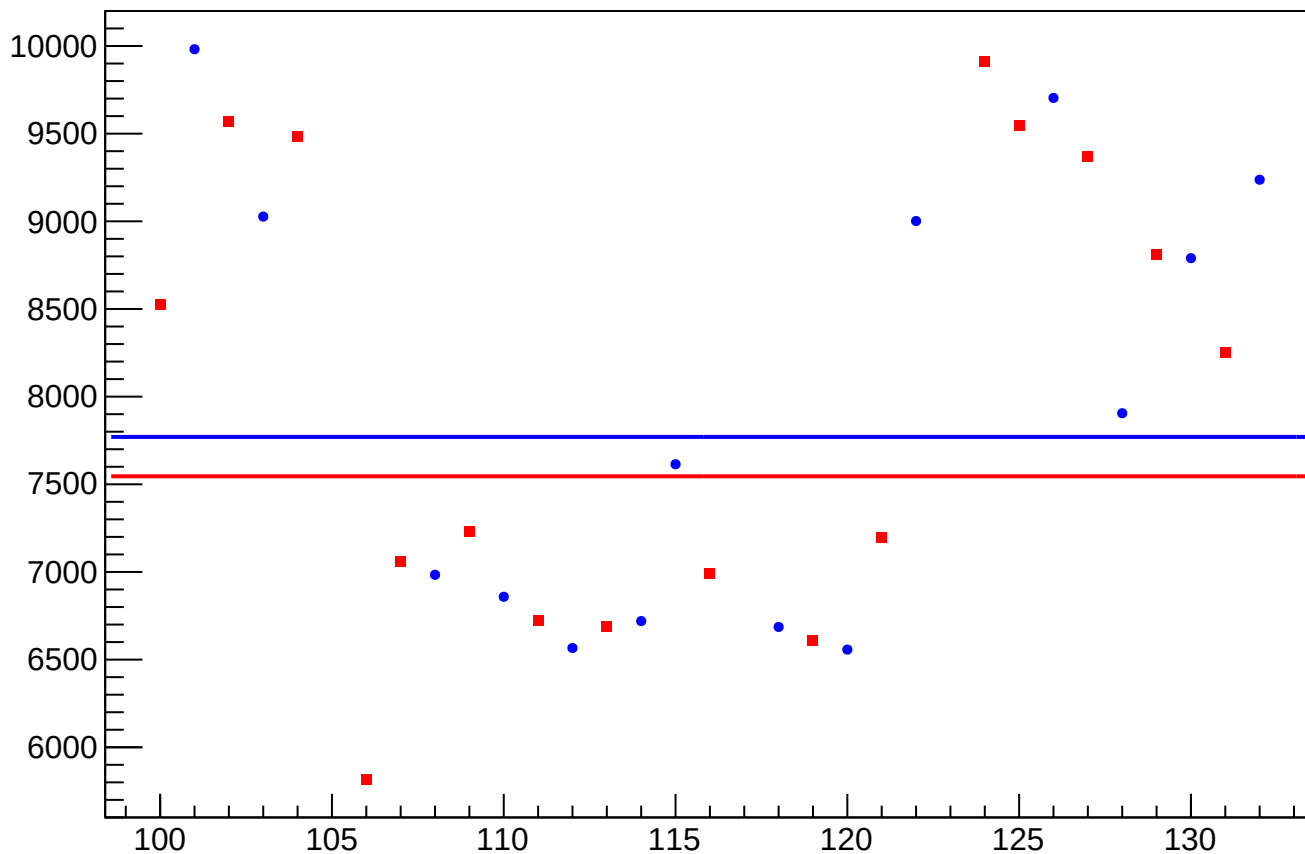
Right: 14.224+/-2.213 χ^2/NDF : 78.5/29

In: 22.411+/-3.227 χ^2/NDF : 38.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.224+/-2.213 χ^2/NDF : 78.5/29

diff_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 7770.214+/-2.282 χ^2/NDF : 285305.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7545.709+/-2.149 χ^2/NDF : 328180.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

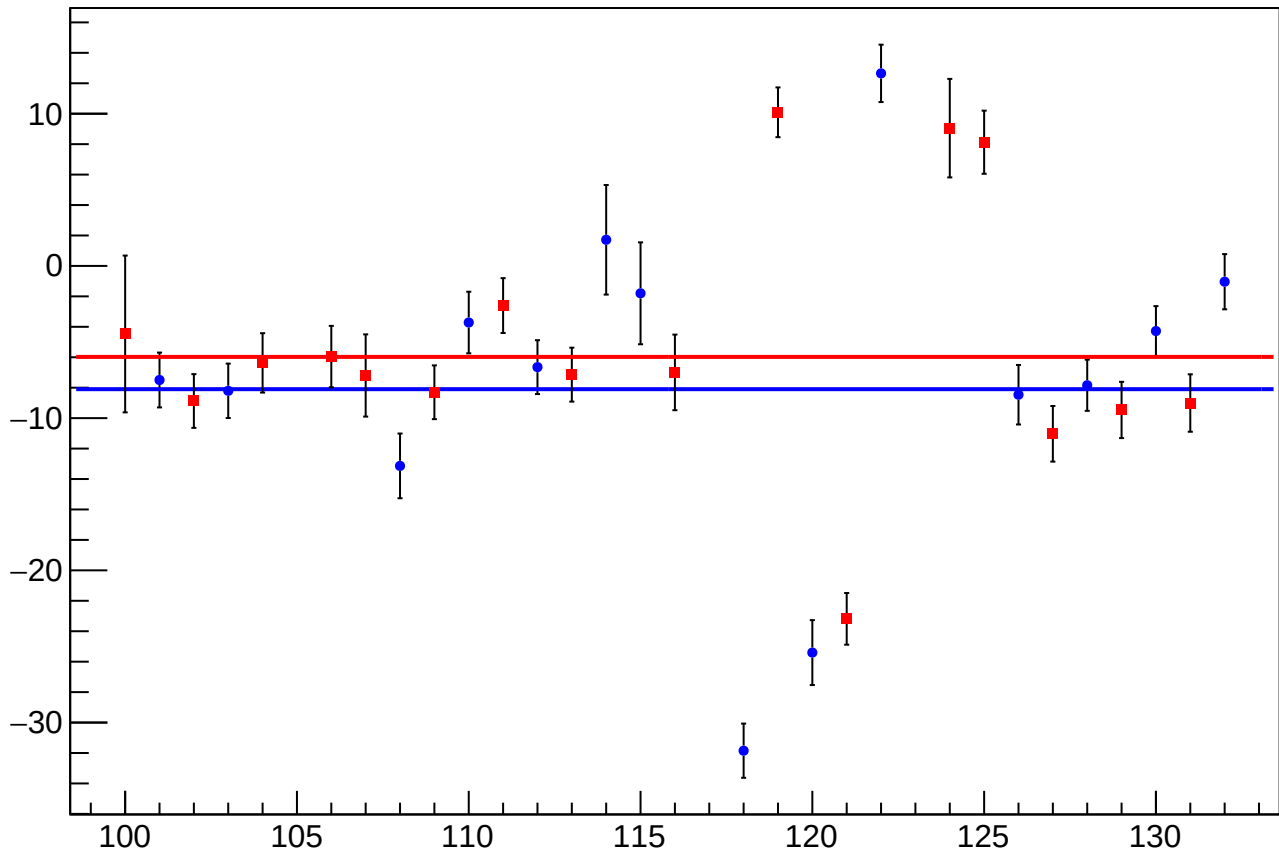
Right: 7651.250+/-1.565 χ^2/NDF : 618614.8/29

In: 7770.214+/-2.282 χ^2/NDF : 285305.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7651.250+/-1.565 χ^2/NDF : 618614.8/29

diff_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -8.097+/-0.521 χ^2/NDF : 407.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.977+/-0.498 χ^2/NDF : 289.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

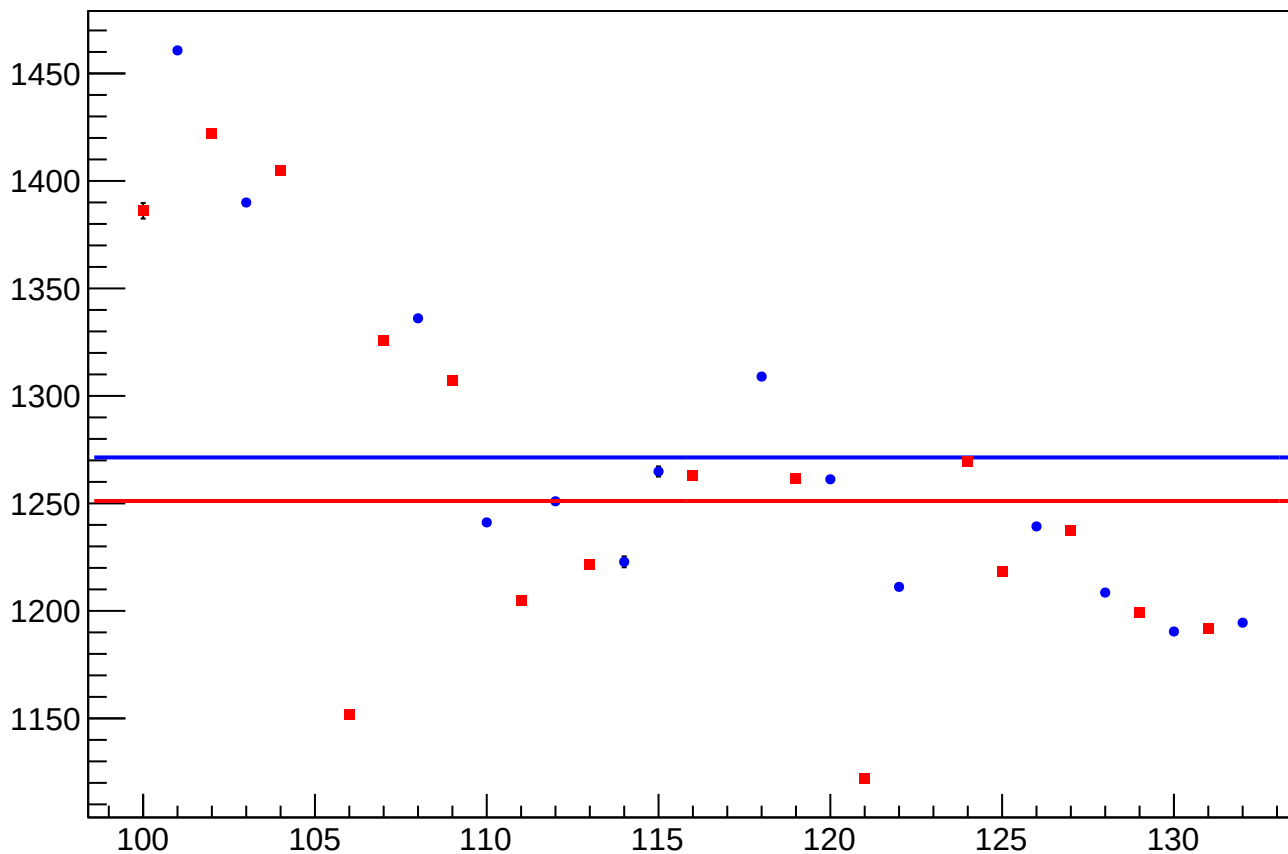
Right: -6.988+/-0.360 χ^2/NDF : 706.1/29

In: -8.097+/-0.521 χ^2/NDF : 407.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.988+/-0.360 χ^2/NDF : 706.1/29

diff_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 1271.384+/-0.368 χ^2/NDF : 48634.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1251.114+/-0.352 χ^2/NDF : 58790.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

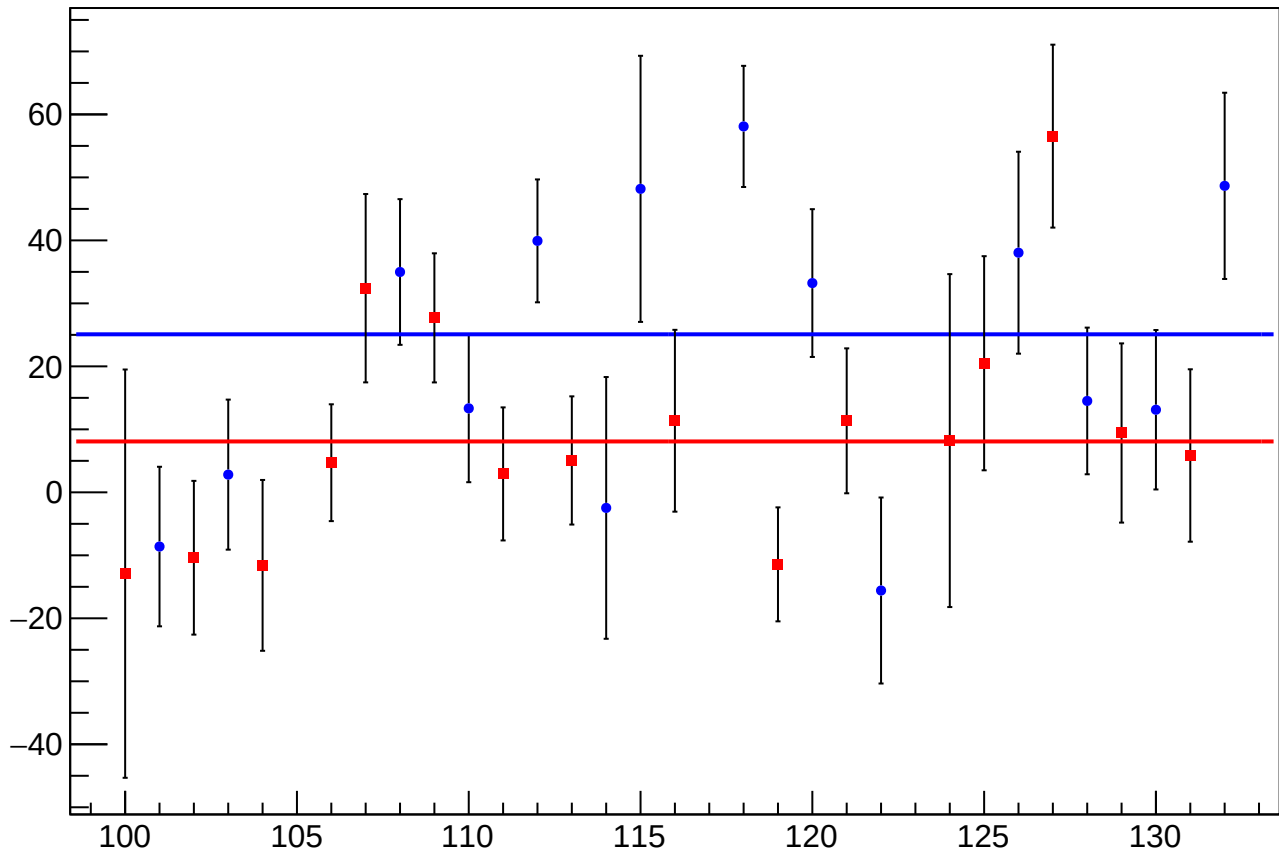
Right: 1260.784+/-0.255 χ^2/NDF : 109006.9/29

In: 1271.384+/-0.368 χ^2/NDF : 48634.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1260.784+/-0.255 χ^2/NDF : 109006.9/29

diff_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 25.088+/-3.374 χ^2/NDF : 42.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.079+/-3.134 χ^2/NDF : 28.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

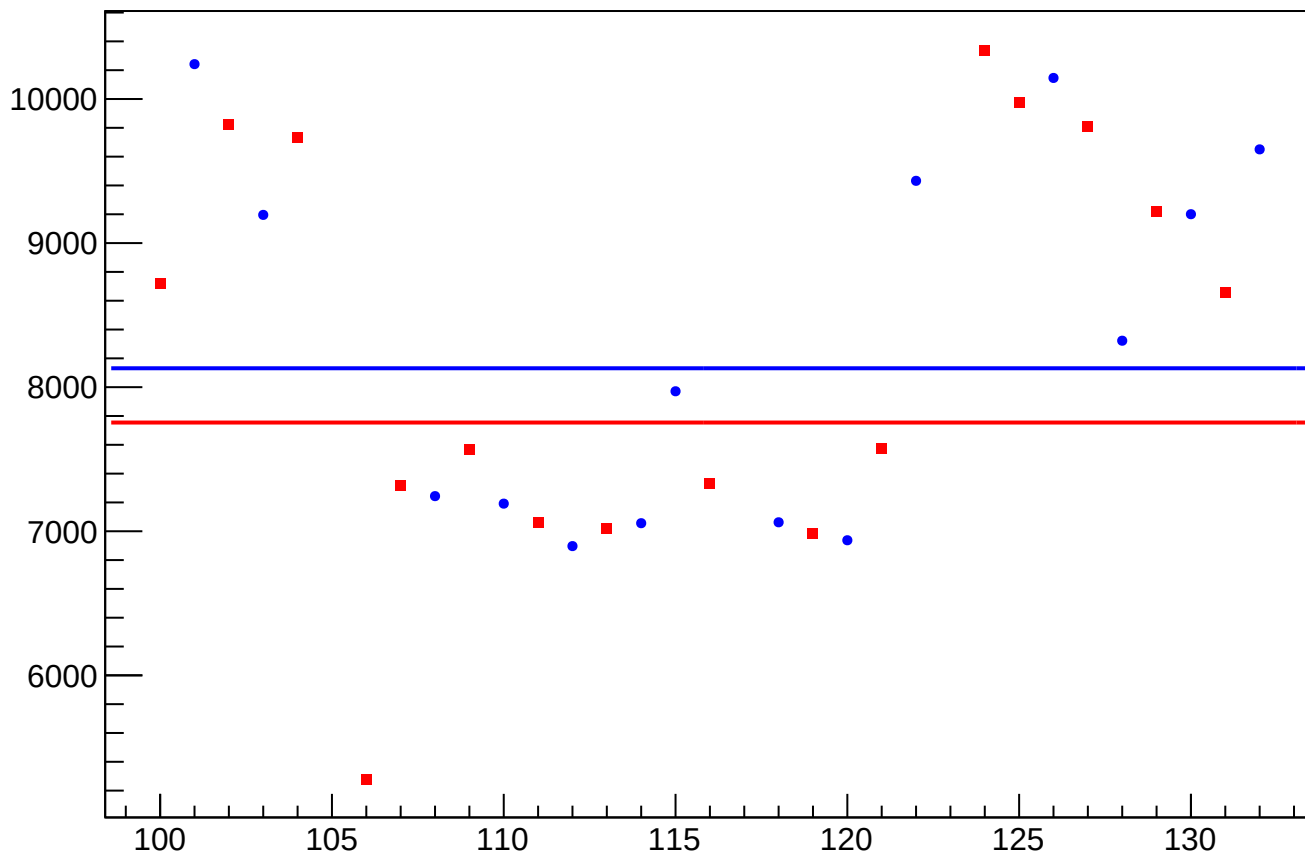
Right: 15.957+/-2.296 χ^2/NDF : 84.1/29

In: 25.088+/-3.374 χ^2/NDF : 42.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.957+/-2.296 χ^2/NDF : 84.1/29

diff_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 8131.212+/-2.386 χ^2/NDF : 262080.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7754.563+/-2.216 χ^2/NDF : 406375.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

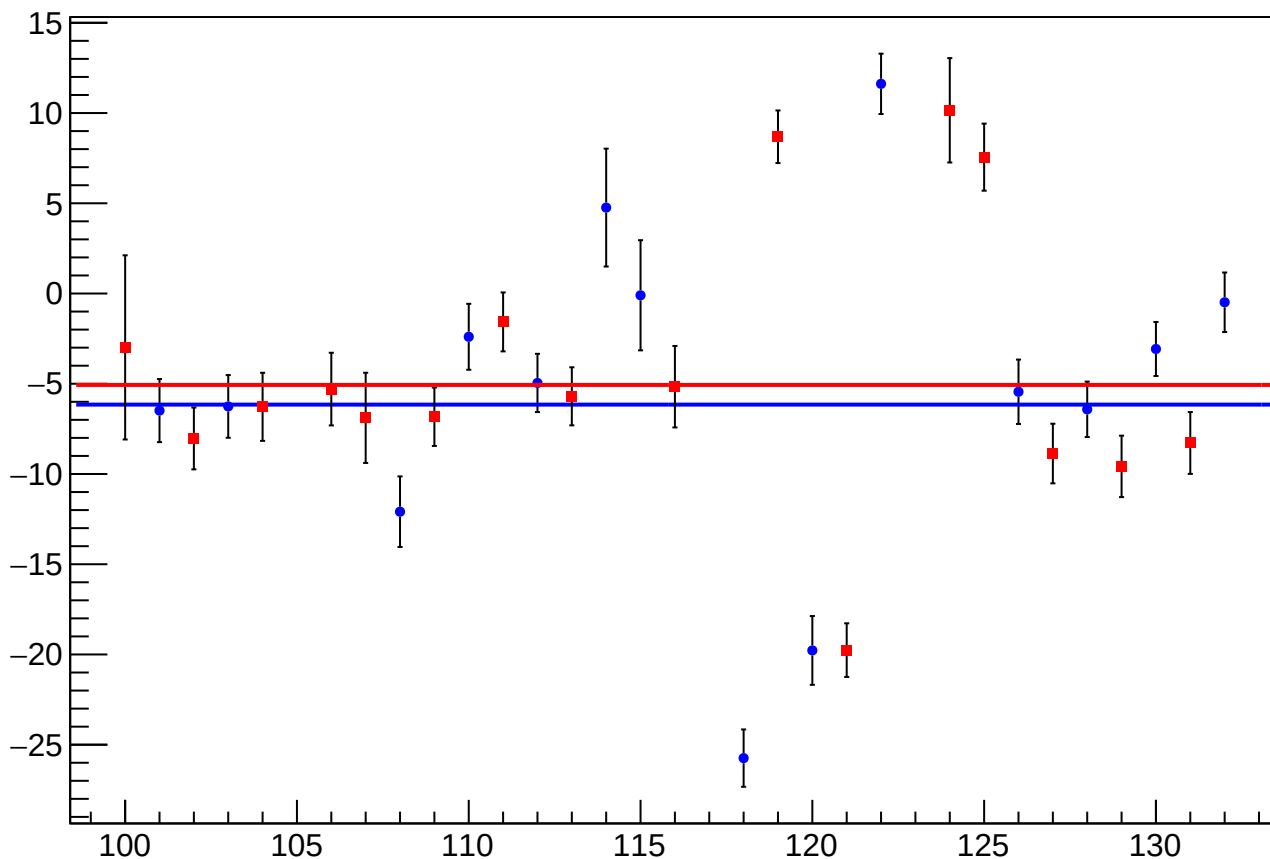
Right: 7929.000+/-1.624 χ^2/NDF : 681836.7/29

In: 8131.212+/-2.386 χ^2/NDF : 262080.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7929.000+/-1.624 χ^2/NDF : 681836.7/29

diff_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -6.156 ± 0.477 χ^2/NDF : 361.5/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -5.066 ± 0.457 χ^2/NDF : 286.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

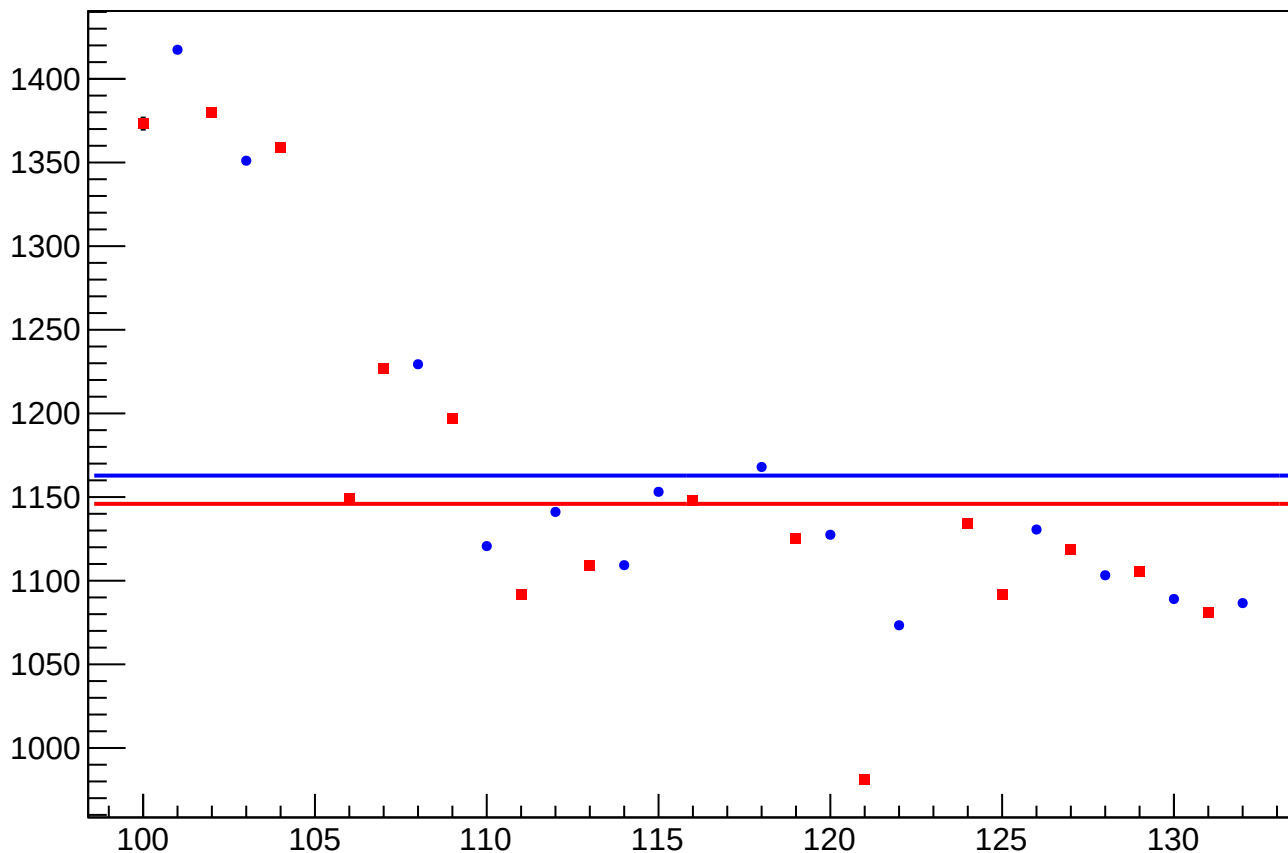
Right: -5.587 ± 0.330 χ^2/NDF : 650.7/29

In: -6.156 ± 0.477 χ^2/NDF : 361.5/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.587 ± 0.330 χ^2/NDF : 650.7/29

diff_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 1162.843+/-0.338 χ^2/NDF : 89436.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1145.953+/-0.323 χ^2/NDF : 105425.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

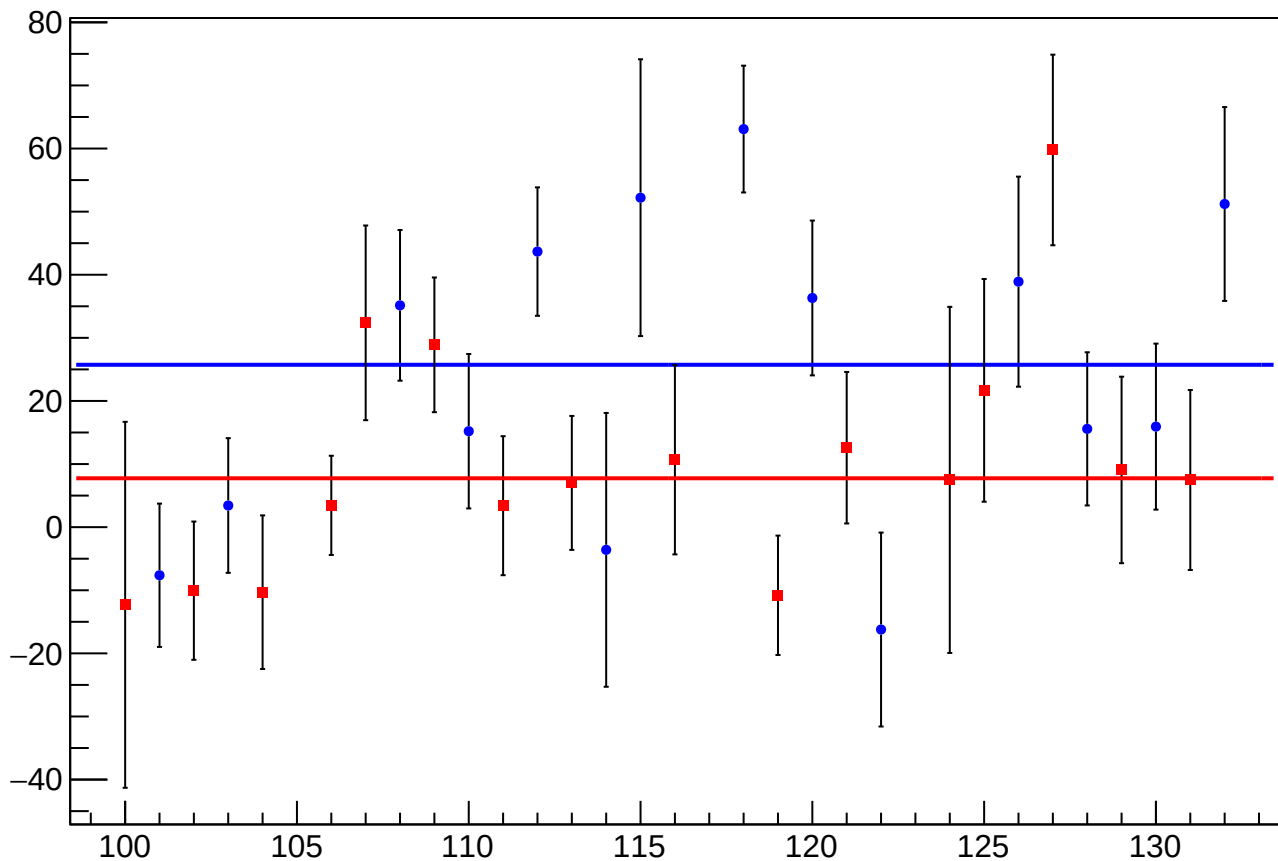
Right: 1154.024+/-0.233 χ^2/NDF : 196167.8/29

In: 1162.843+/-0.338 χ^2/NDF : 89436.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1154.024+/-0.233 χ^2/NDF : 196167.8/29

diff_bpm0l10X_mean vs Slug, Sign Corrected



Right In: 25.731+/-3.424 χ^2/NDF : 47.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.745+/-3.108 χ^2/NDF : 28.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

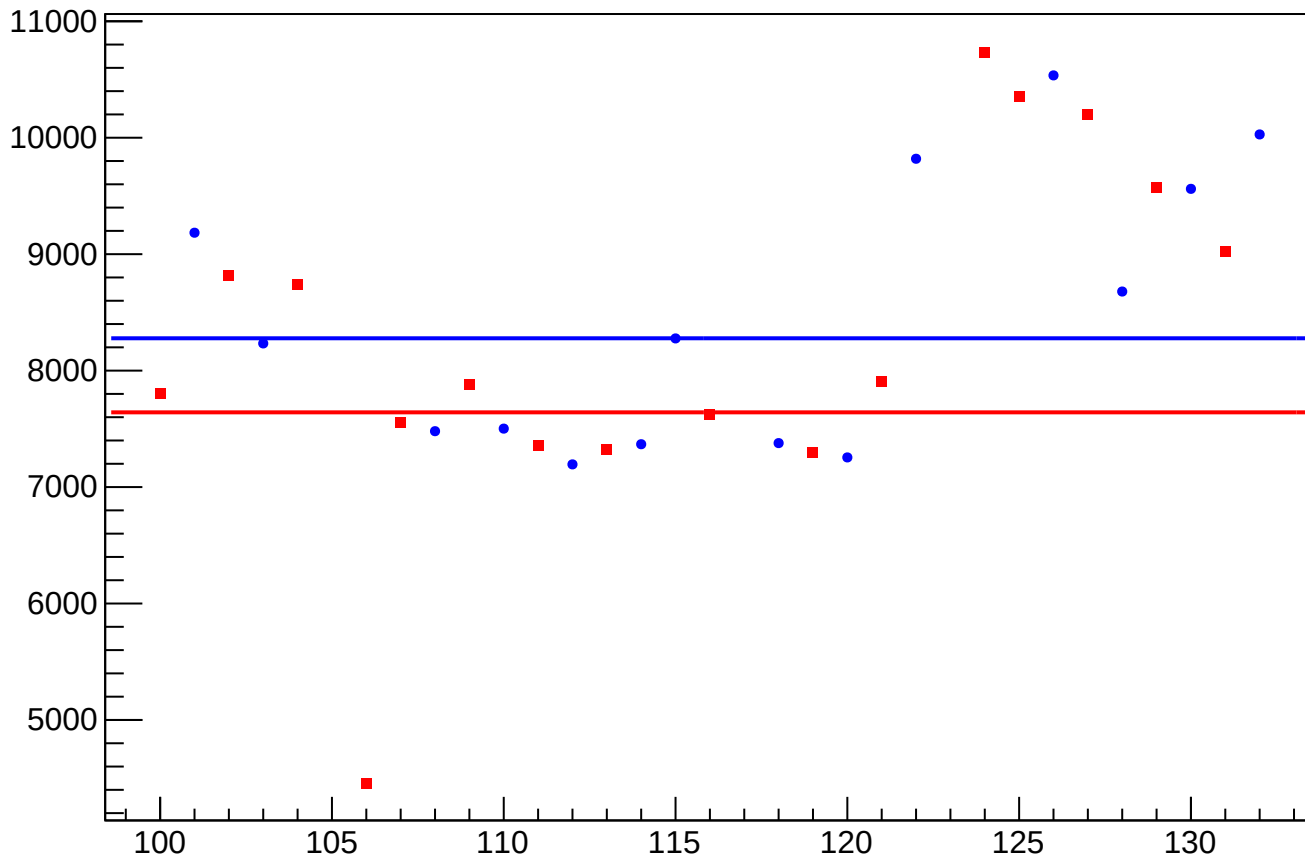
Right: 15.869+/-2.301 χ^2/NDF : 91.3/29

In: 25.731+/-3.424 χ^2/NDF : 47.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.869+/-2.301 χ^2/NDF : 91.3/29

diff_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 8277.744+/-2.421 χ^2/NDF : 190000.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7641.721+/-2.198 χ^2/NDF : 558628.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

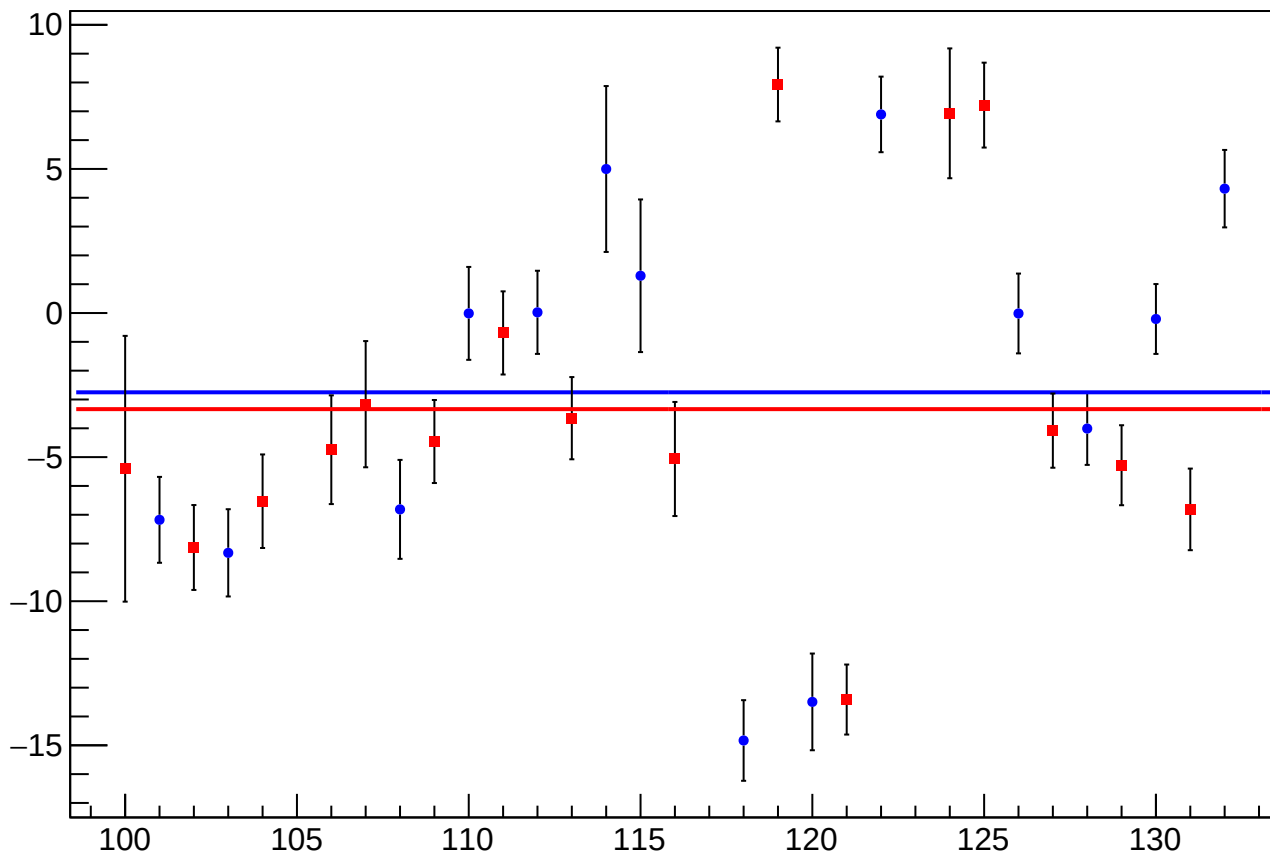
Right: 7928.994+/-1.627 χ^2/NDF : 786465.5/29

In: 8277.744+/-2.421 χ^2/NDF : 190000.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7928.994+/-1.627 χ^2/NDF : 786465.5/29

diff_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -2.751 ± 0.402 $\chi^2/\text{NDF}: 250.7/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -3.335 ± 0.388 $\chi^2/\text{NDF}: 246.8/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

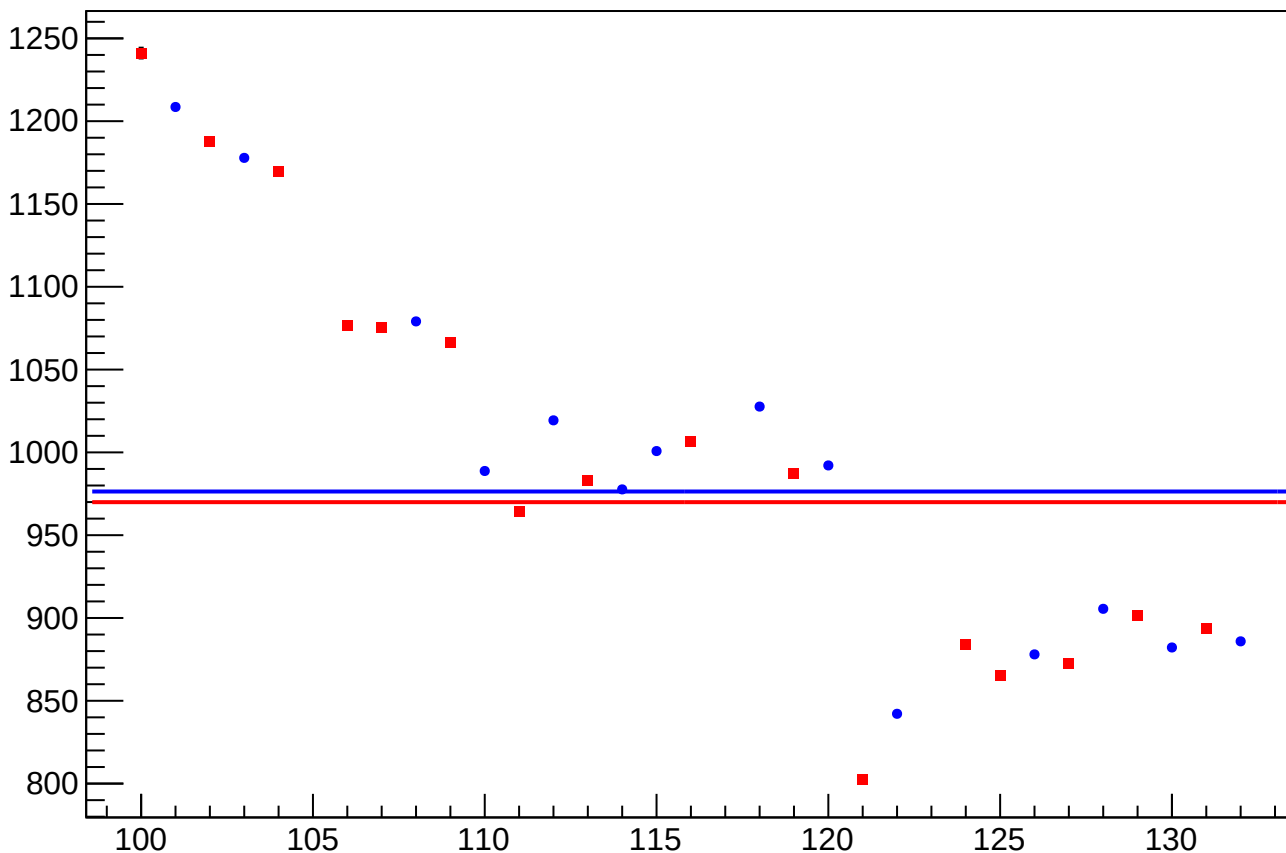
Right: -3.054 ± 0.279 $\chi^2/\text{NDF}: 498.6/29$

In: -2.751 ± 0.402 $\chi^2/\text{NDF}: 250.7/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -3.054 ± 0.279 $\chi^2/\text{NDF}: 498.6/29$

diff_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 976.375+/-0.284 χ^2/NDF : 154567.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 969.943+/-0.274 χ^2/NDF : 175091.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

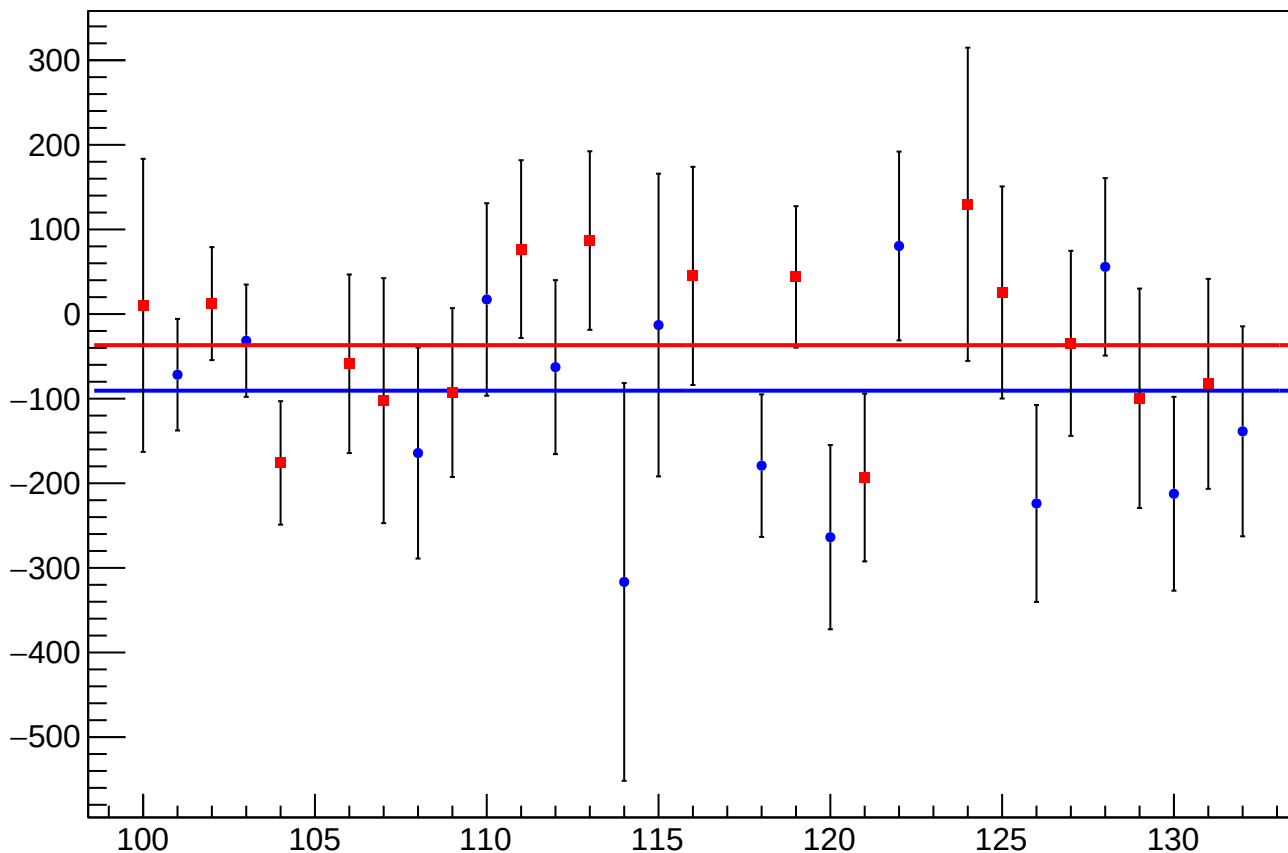
Right: 973.042+/-0.197 χ^2/NDF : 329925.0/29

In: 976.375+/-0.284 χ^2/NDF : 154567.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 973.042+/-0.197 χ^2/NDF : 329925.0/29

diff_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -90.539 ± 27.177 χ^2/NDF : 13.8/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -36.766 ± 26.084 χ^2/NDF : 12.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

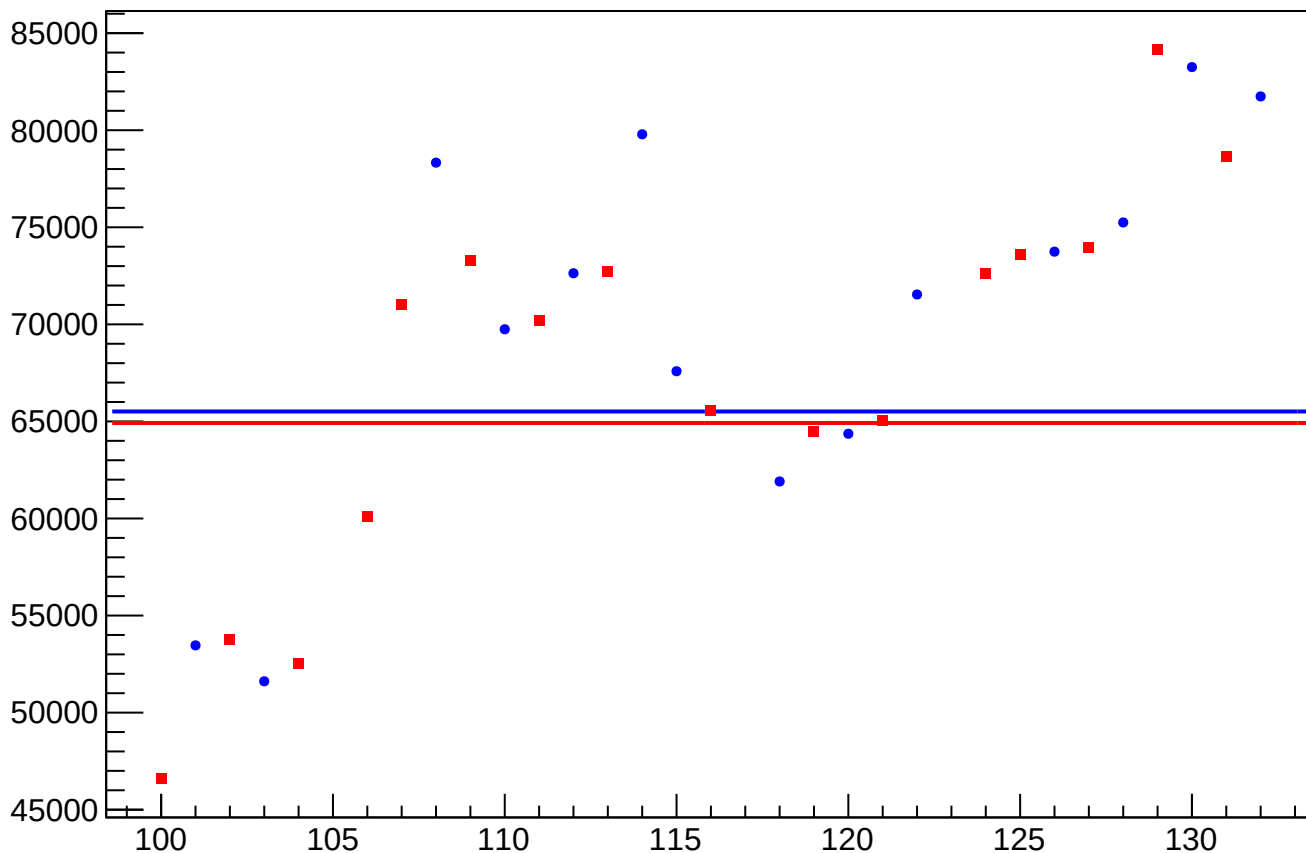
Right: -62.550 ± 18.819 χ^2/NDF : 28.5/29

In: -90.539 ± 27.177 χ^2/NDF : 13.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

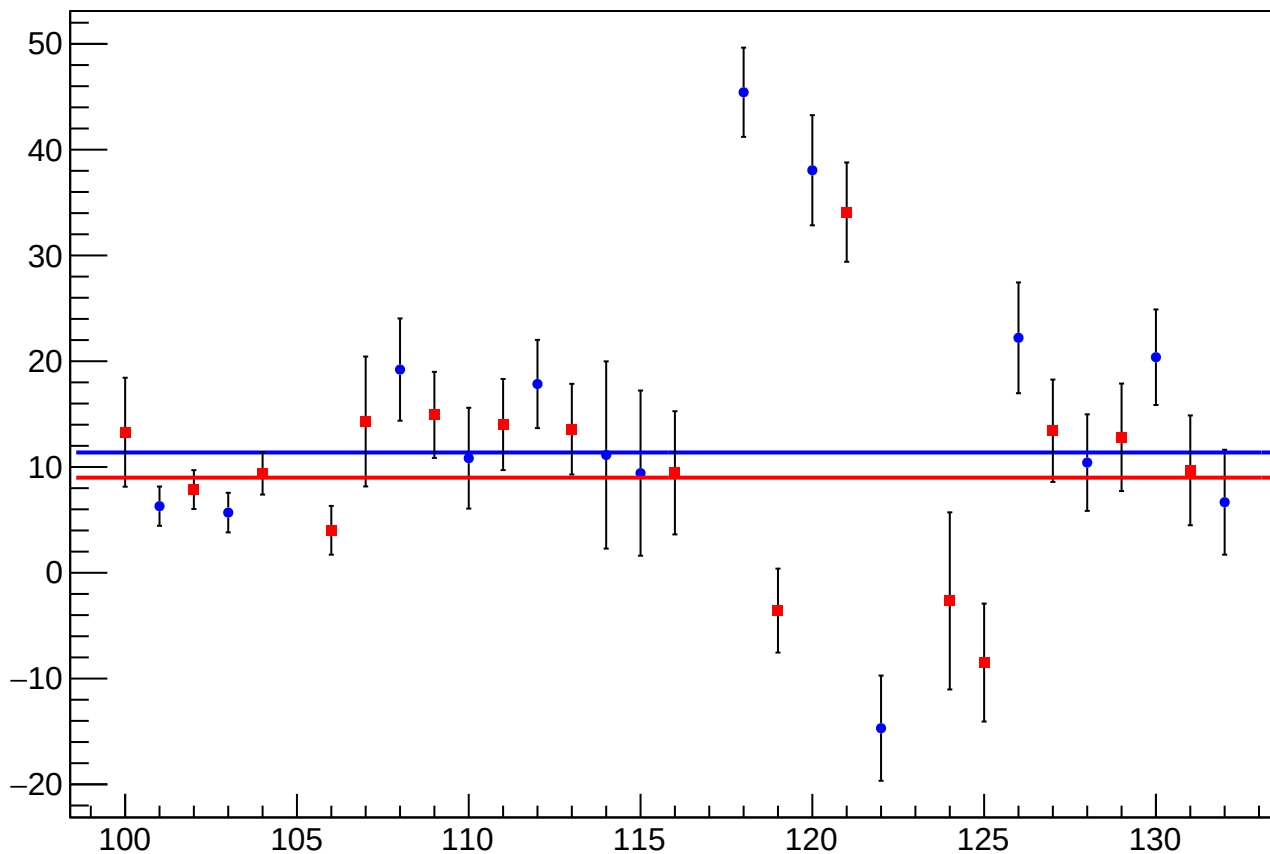
All: -62.550 ± 18.819 χ^2/NDF : 28.5/29

diff_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 65511.642 $\pm$ 19.217 χ^2 /NDF: 314702.8/13
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 64919.698 $\pm$ 18.444 χ^2 /NDF: 268976.9/15
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 65203.531 $\pm$ 13.307 χ^2 /NDF: 584173.6/29
 In: 65511.642 $\pm$ 19.217 χ^2 /NDF:314702.8/13
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 65203.531 $\pm$ 13.307 χ^2 /NDF: 584173.6/29

diff_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 11.373 $\pm$ 0.973 χ^2 /NDF: 150.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8.994 $\pm$ 0.887 χ^2 /NDF: 63.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

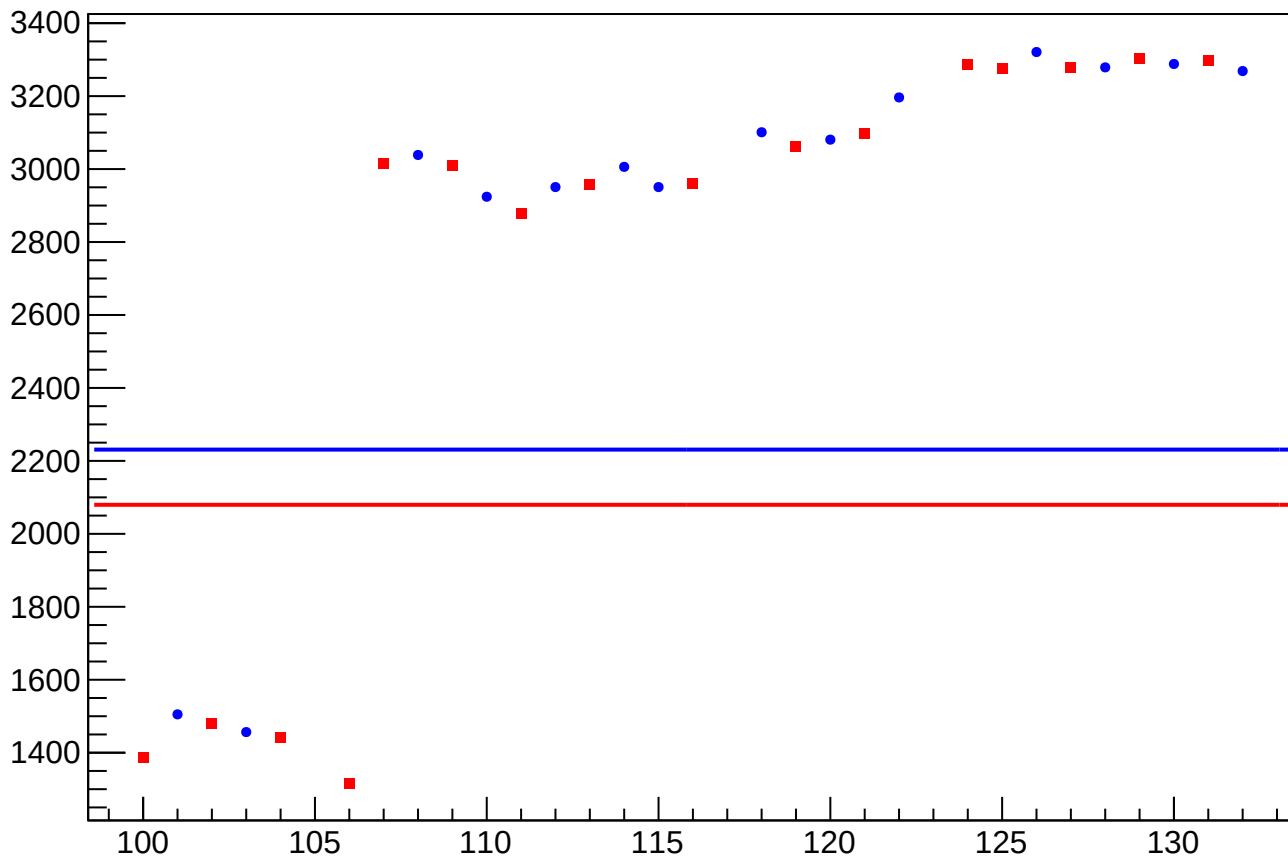
Right: 10.074 $\pm$ 0.656 χ^2 /NDF: 216.2/29

In: 11.373 $\pm$ 0.973 χ^2 /NDF: 150.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.074 $\pm$ 0.656 χ^2 /NDF: 216.2/29

diff_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 2230.975+/-0.688 χ^2/NDF : 1440828.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2079.623+/-0.627 χ^2/NDF : 1719172.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

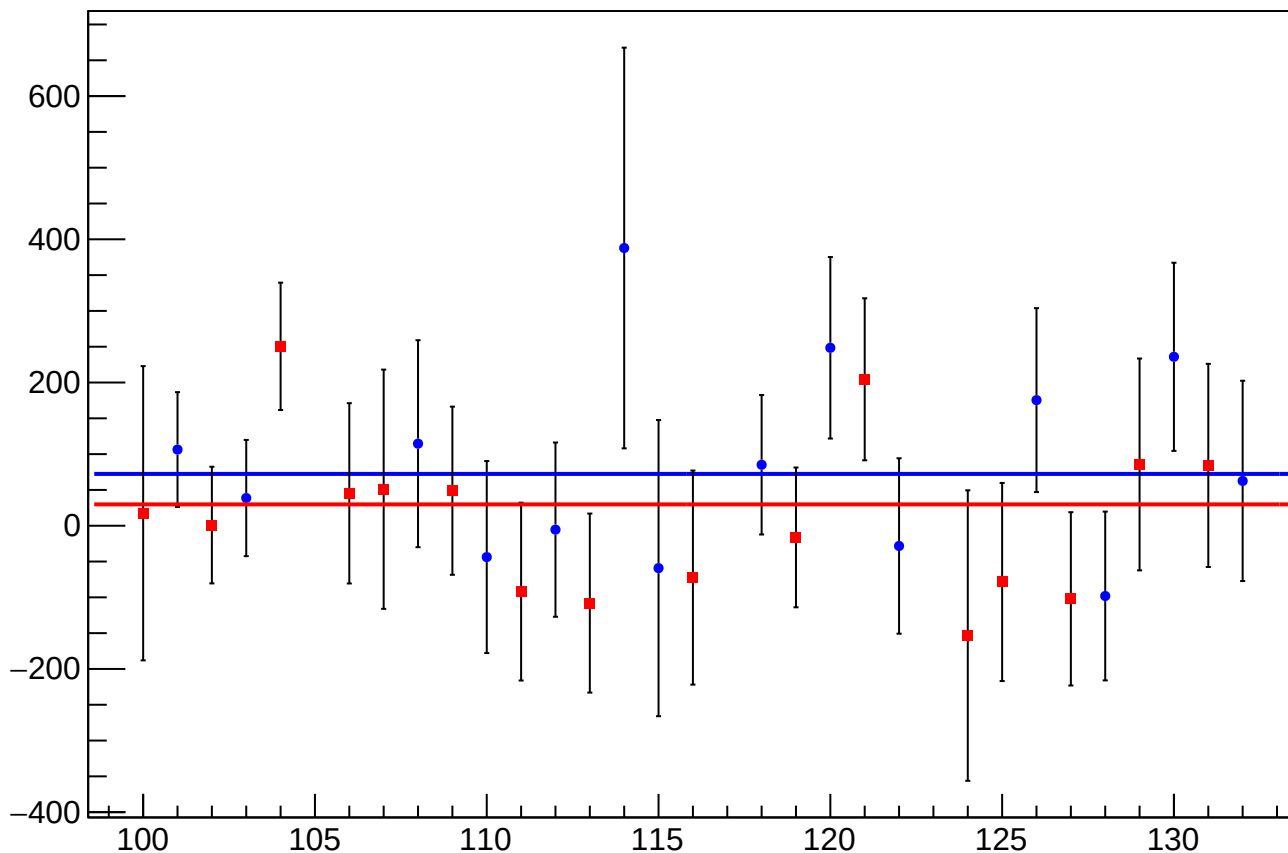
Right: 2148.352+/-0.464 χ^2/NDF : 3186425.3/29

In: 2230.975+/-0.688 χ^2/NDF : 1440828.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2148.352+/-0.464 χ^2/NDF : 3186425.3/29

diff_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 72.359+/-31.774 χ^2/NDF : 10.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.813+/-30.584 χ^2/NDF : 14.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

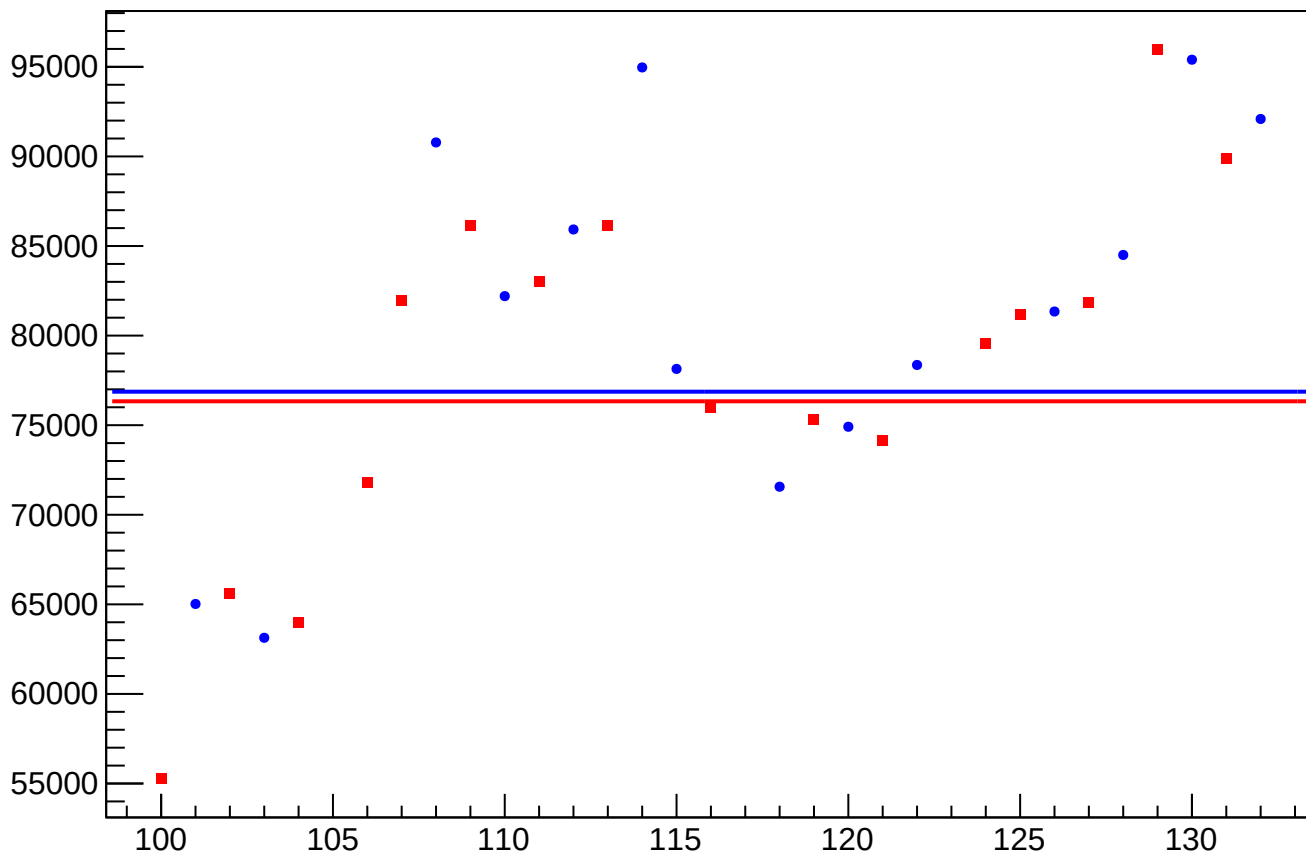
Right: 50.274+/-22.035 χ^2/NDF : 25.6/29

In: 72.359+/-31.774 χ^2/NDF : 10.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.274+/-22.035 χ^2/NDF : 25.6/29

diff_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 76869.393+/-22.468 χ^2/NDF : 223123.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76332.874+/-21.626 χ^2/NDF : 192456.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

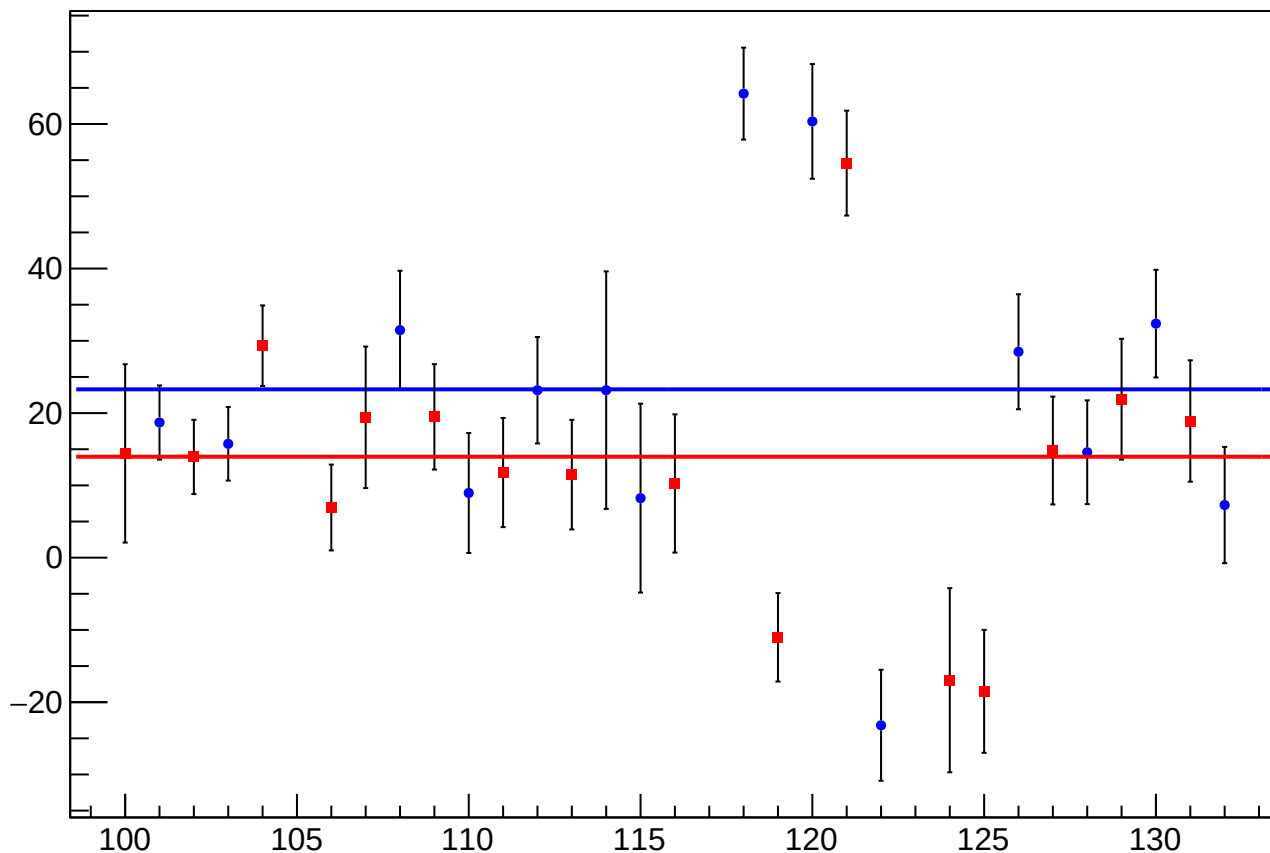
Right: 76590.892+/-15.581 χ^2/NDF : 415875.6/29

In: 76869.393+/-22.468 χ^2/NDF : 223123.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76590.892+/-15.581 χ^2/NDF : 415875.6/29

diff_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 23.287 $\pm$ 1.960 χ^2 /NDF: 115.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 13.968 $\pm$ 1.850 χ^2 /NDF: 79.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

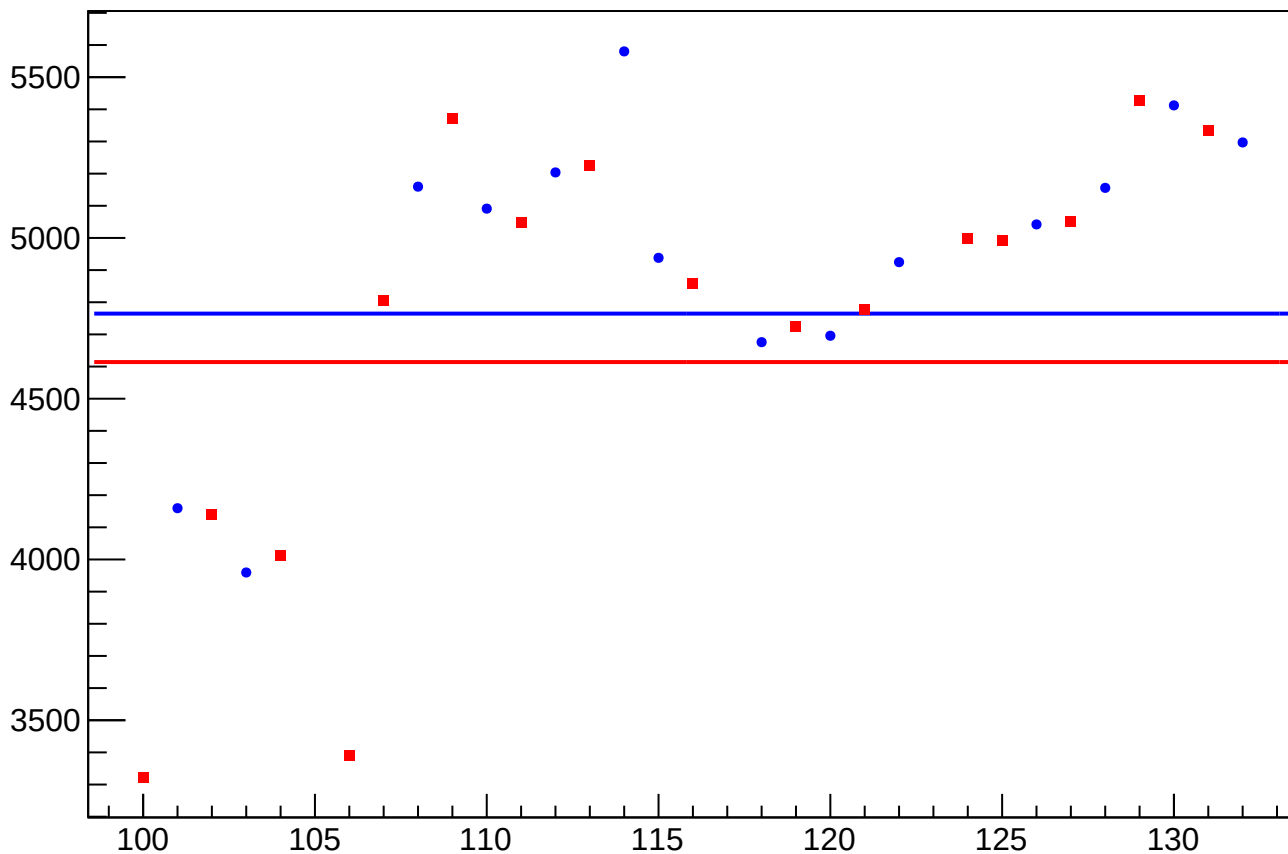
Right: 18.357 $\pm$ 1.345 χ^2 /NDF: 207.4/29

In: 23.287 $\pm$ 1.960 χ^2 /NDF:115.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 18.357 $\pm$ 1.345 χ^2 /NDF: 207.4/29

diff_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 4764.670+/-1.386 χ^2/NDF : 131640.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4613.988+/-1.308 χ^2/NDF : 238876.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

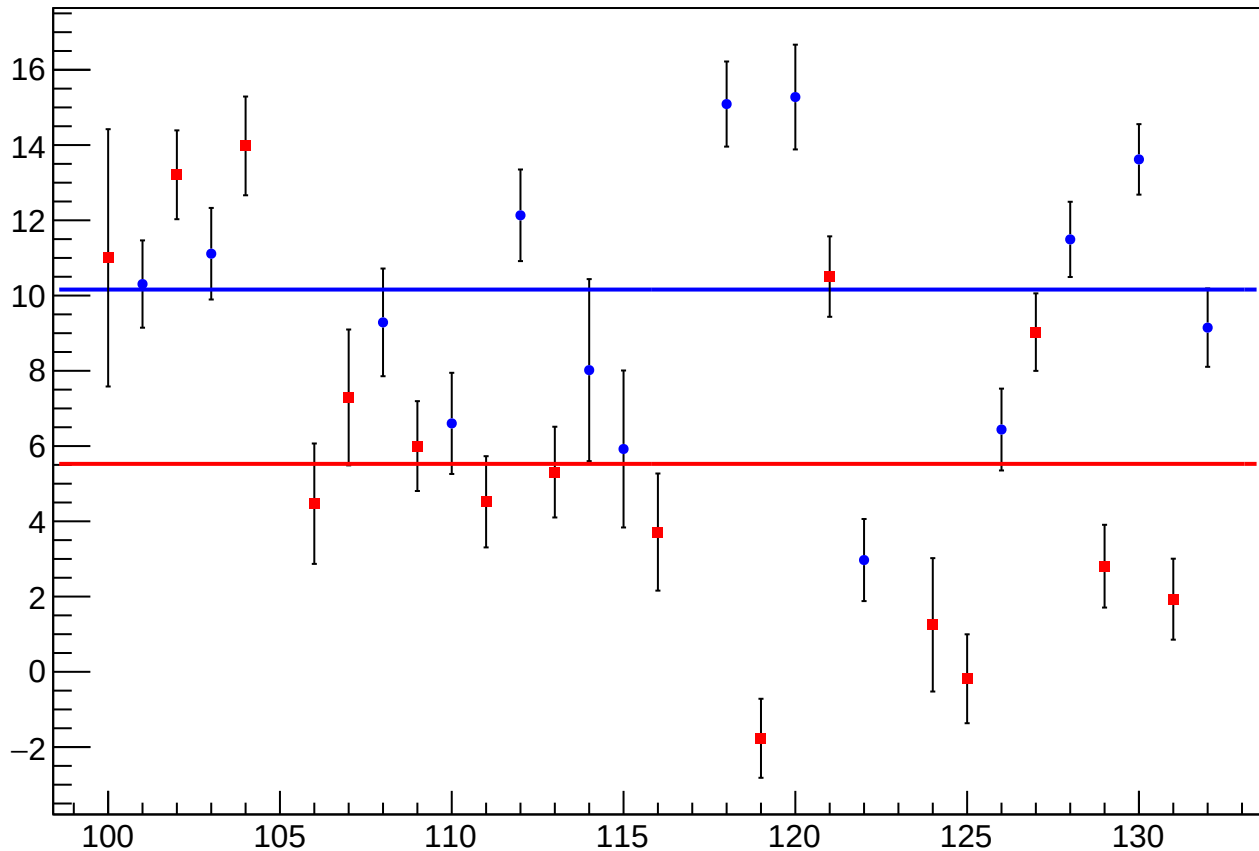
Right: 4684.954+/-0.951 χ^2/NDF : 376767.8/29

In: 4764.670+/-1.386 χ^2/NDF : 131640.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4684.954+/-0.951 χ^2/NDF : 376767.8/29

diff_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 10.159+/-0.323 χ^2/NDF : 119.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.527+/-0.316 χ^2/NDF : 218.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

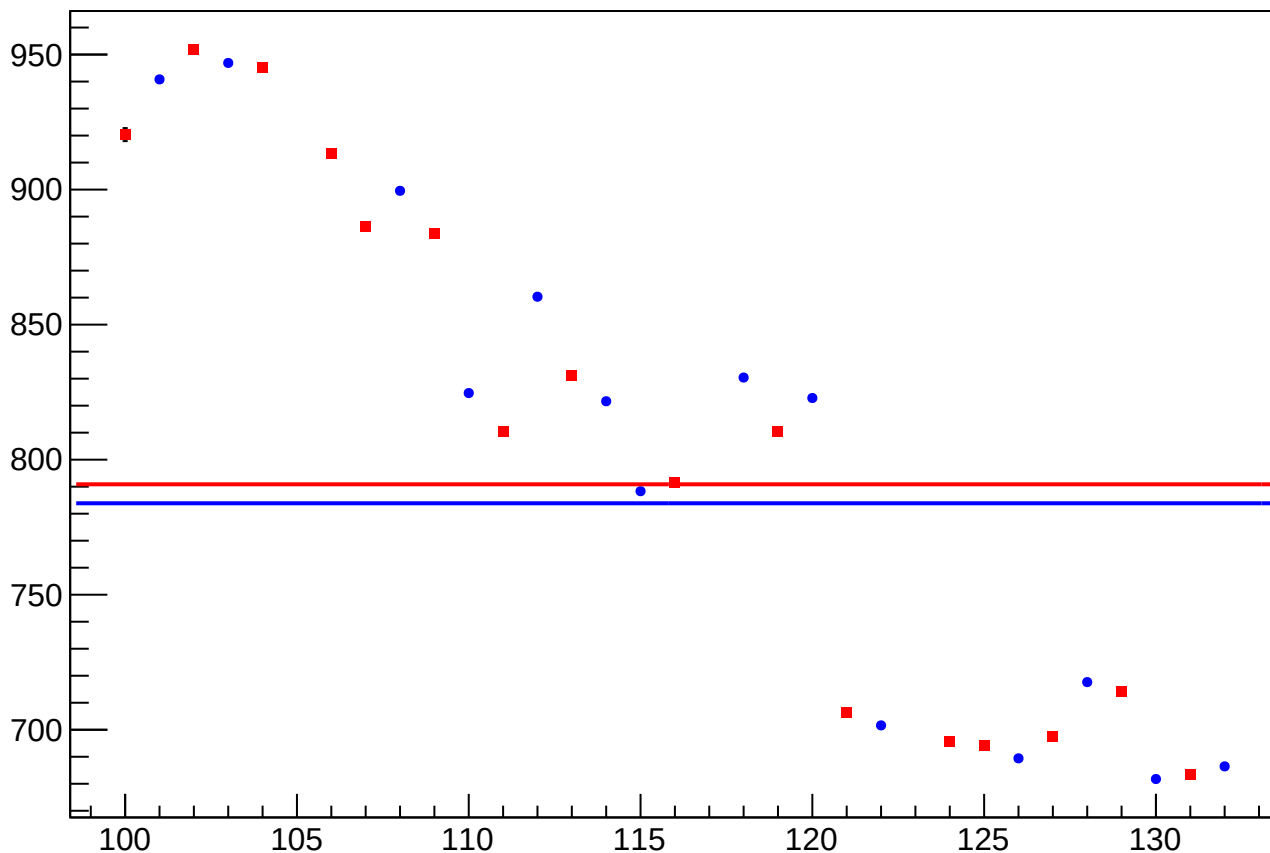
Right: 7.792+/-0.226 χ^2/NDF : 442.6/29

In: 10.159+/-0.323 χ^2/NDF : 119.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.792+/-0.226 χ^2/NDF : 442.6/29

diff_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 783.852+/-0.228 χ^2/NDF : 177250.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 790.880+/-0.223 χ^2/NDF : 178161.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

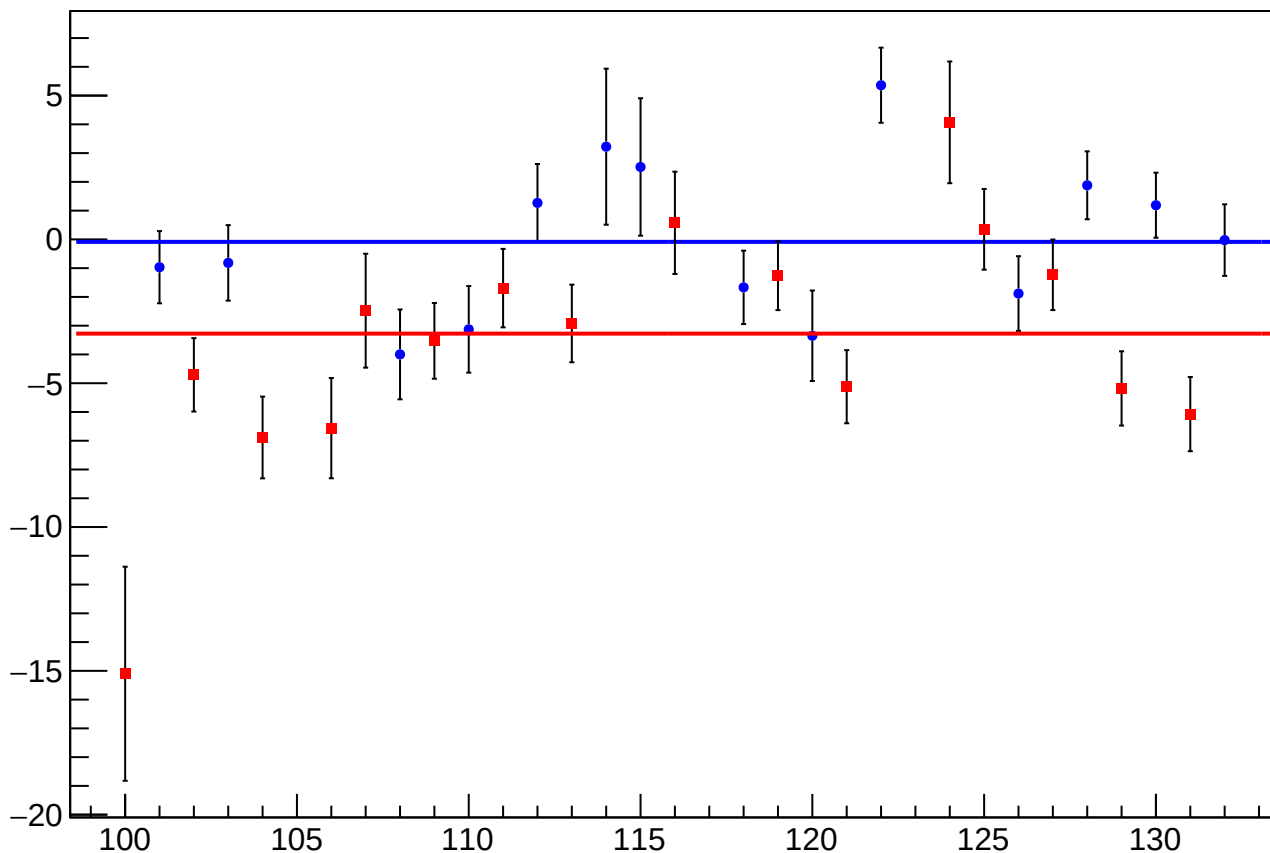
Right: 787.444+/-0.160 χ^2/NDF : 355894.7/29

In: 783.852+/-0.228 χ^2/NDF : 177250.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 787.444+/-0.160 χ^2/NDF : 355894.7/29

diff_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -0.086 ± 0.371 χ^2/NDF : 44.0/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.276 ± 0.361 χ^2/NDF : 61.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

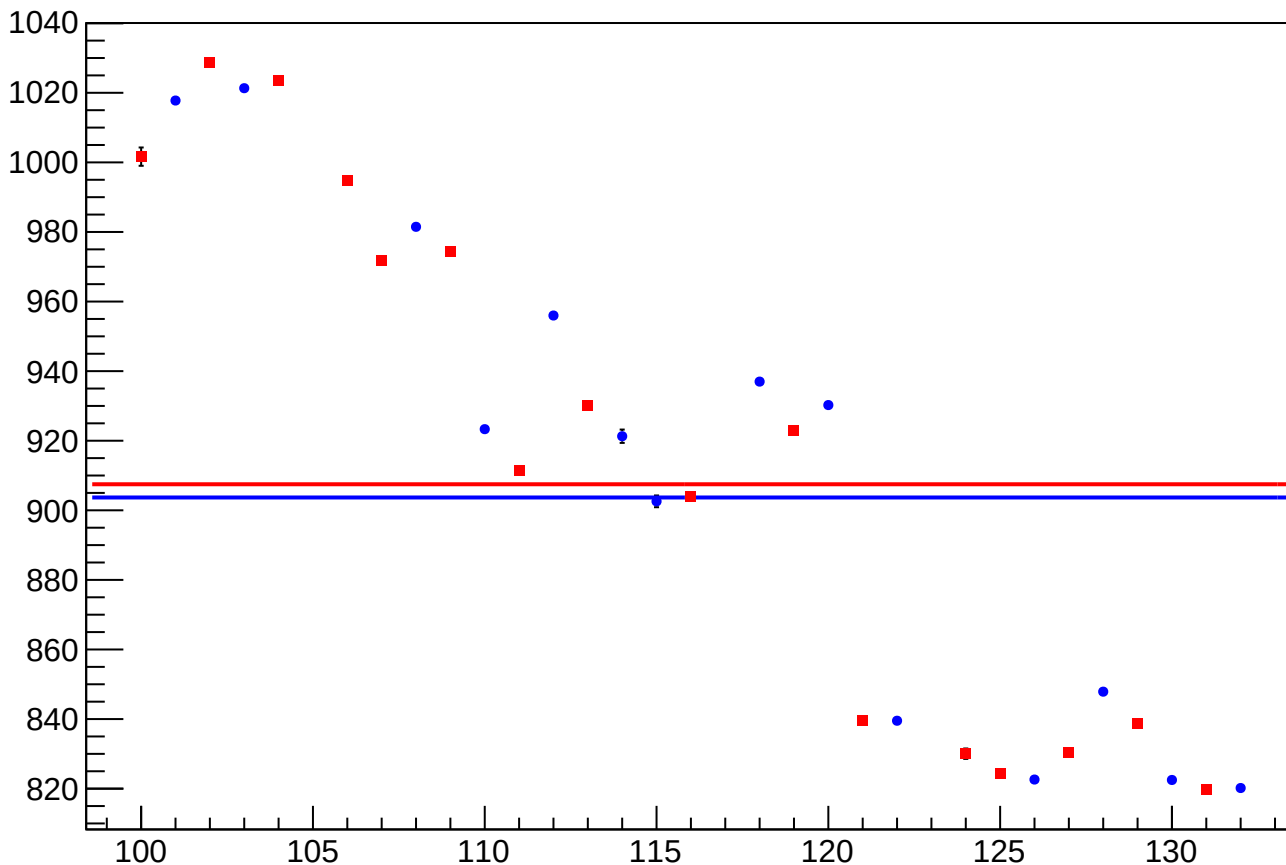
Right: -1.723 ± 0.259 χ^2/NDF : 143.0/29

In: -0.086 ± 0.371 χ^2/NDF : 44.0/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.723 ± 0.259 χ^2/NDF : 143.0/29

diff_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 903.686+/-0.262 χ^2/NDF : 79329.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 907.488+/-0.255 χ^2/NDF : 84110.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

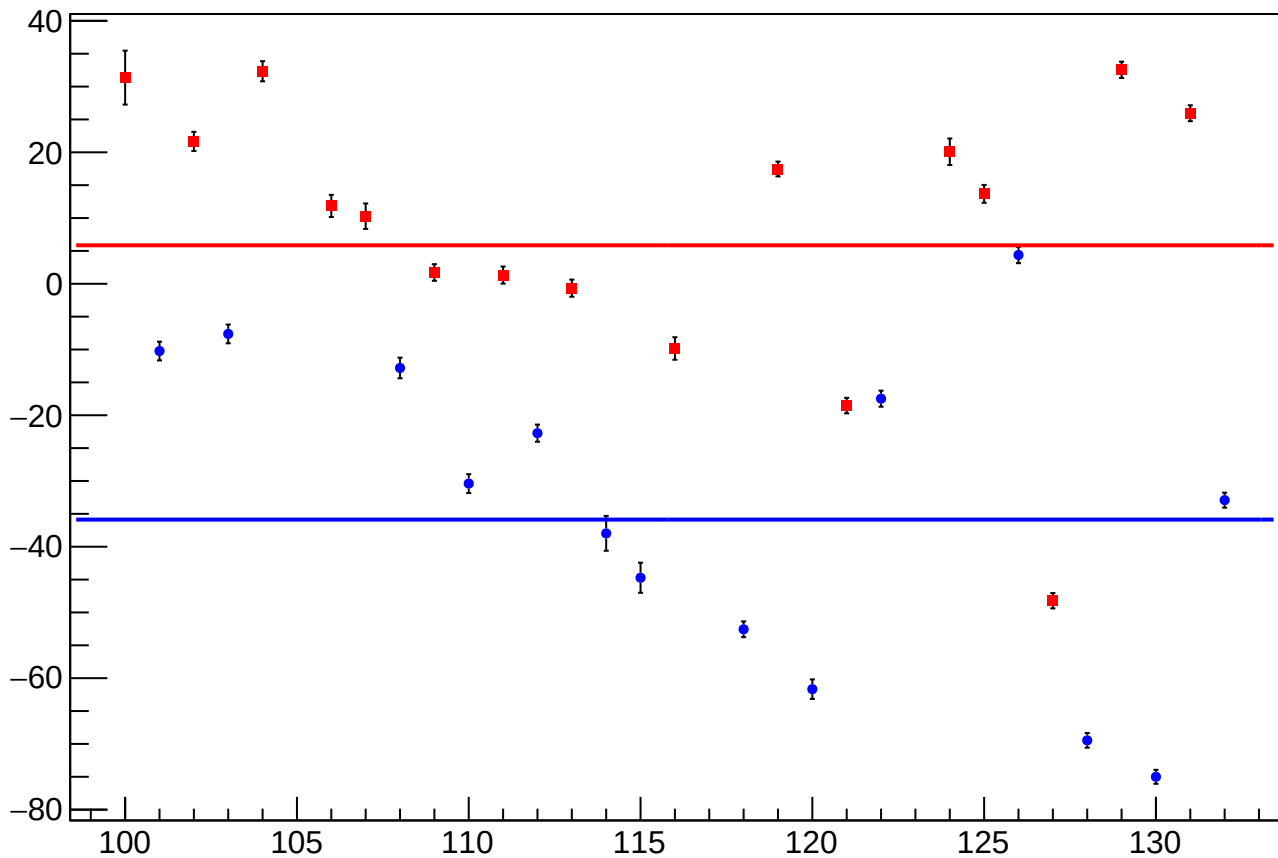
Right: 905.637+/-0.183 χ^2/NDF : 163548.2/29

In: 903.686+/-0.262 χ^2/NDF : 79329.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 905.637+/-0.183 χ^2/NDF : 163548.2/29

diff_bpm2i02X_mean vs Slug, Sign Corrected



Right In: -35.874 ± 0.360 $\chi^2/\text{NDF}: 5095.3/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 5.853 ± 0.352 $\chi^2/\text{NDF}: 4099.9/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

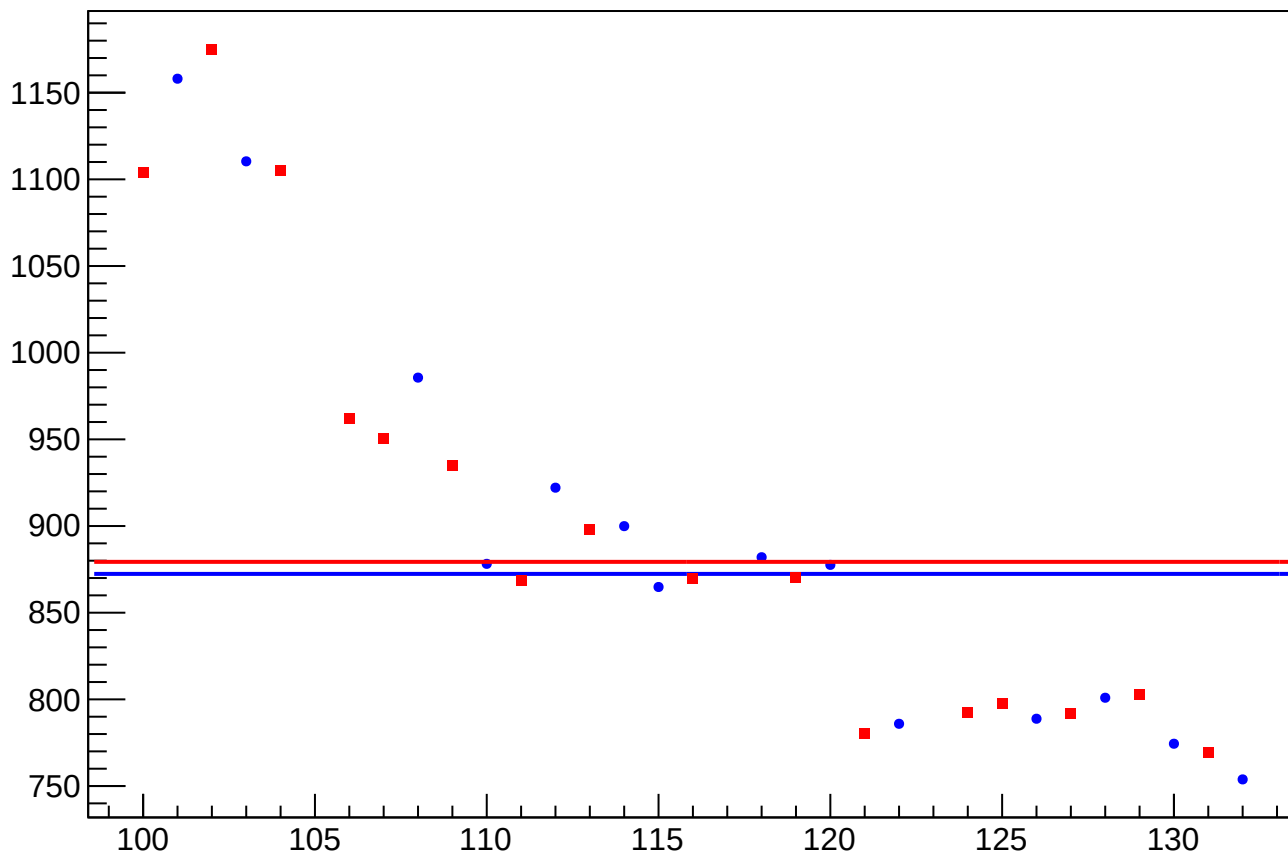
Right: -14.519 ± 0.252 $\chi^2/\text{NDF}: 16066.4/29$

In: -35.874 ± 0.360 $\chi^2/\text{NDF}: 5095.3/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -14.519 ± 0.252 $\chi^2/\text{NDF}: 16066.4/29$

diff_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 872.380+/-0.255 χ^2/NDF : 215041.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 879.331+/-0.249 χ^2/NDF : 204016.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

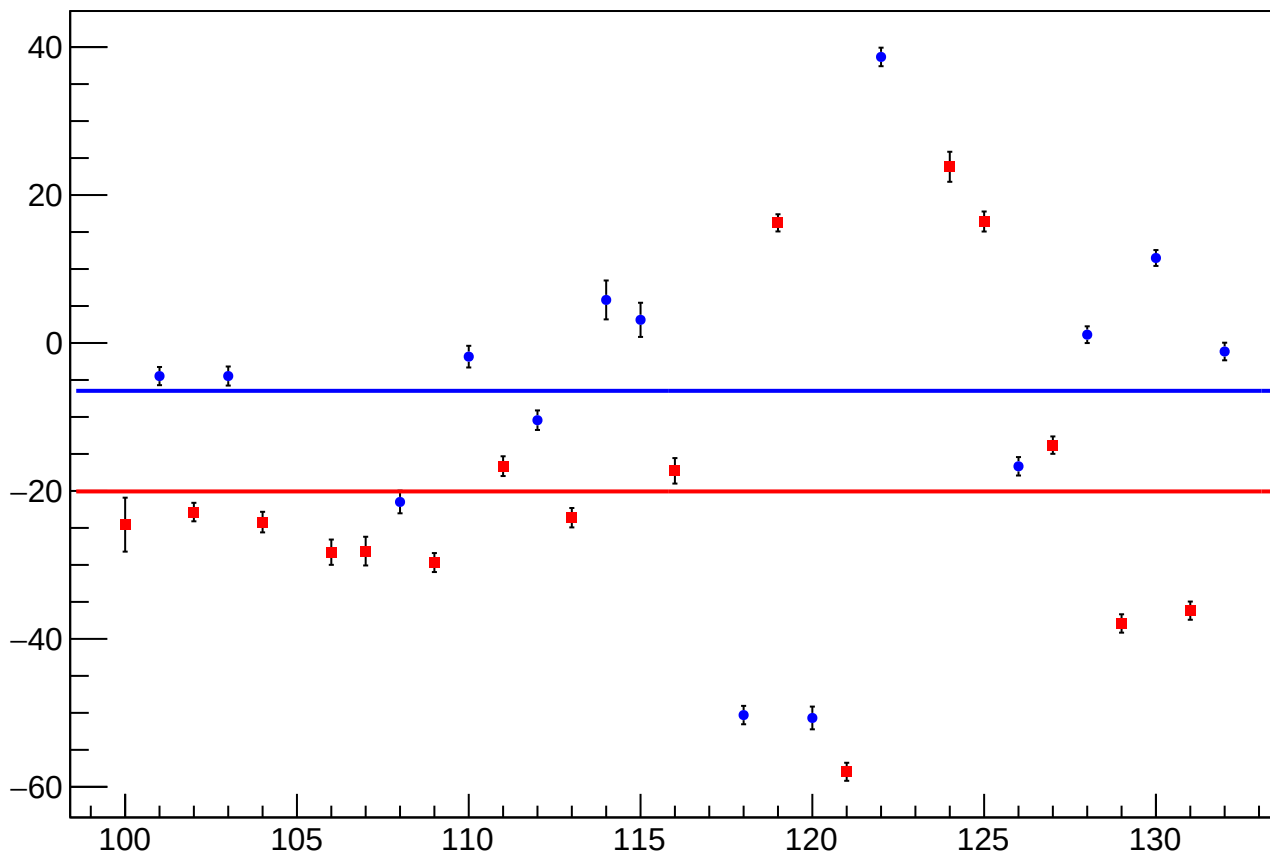
Right: 875.938+/-0.178 χ^2/NDF : 419439.1/29

In: 872.380+/-0.255 χ^2/NDF : 215041.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 875.938+/-0.178 χ^2/NDF : 419439.1/29

diff_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -6.468+/-0.359 χ^2/NDF : 3940.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.068+/-0.350 χ^2/NDF : 3674.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

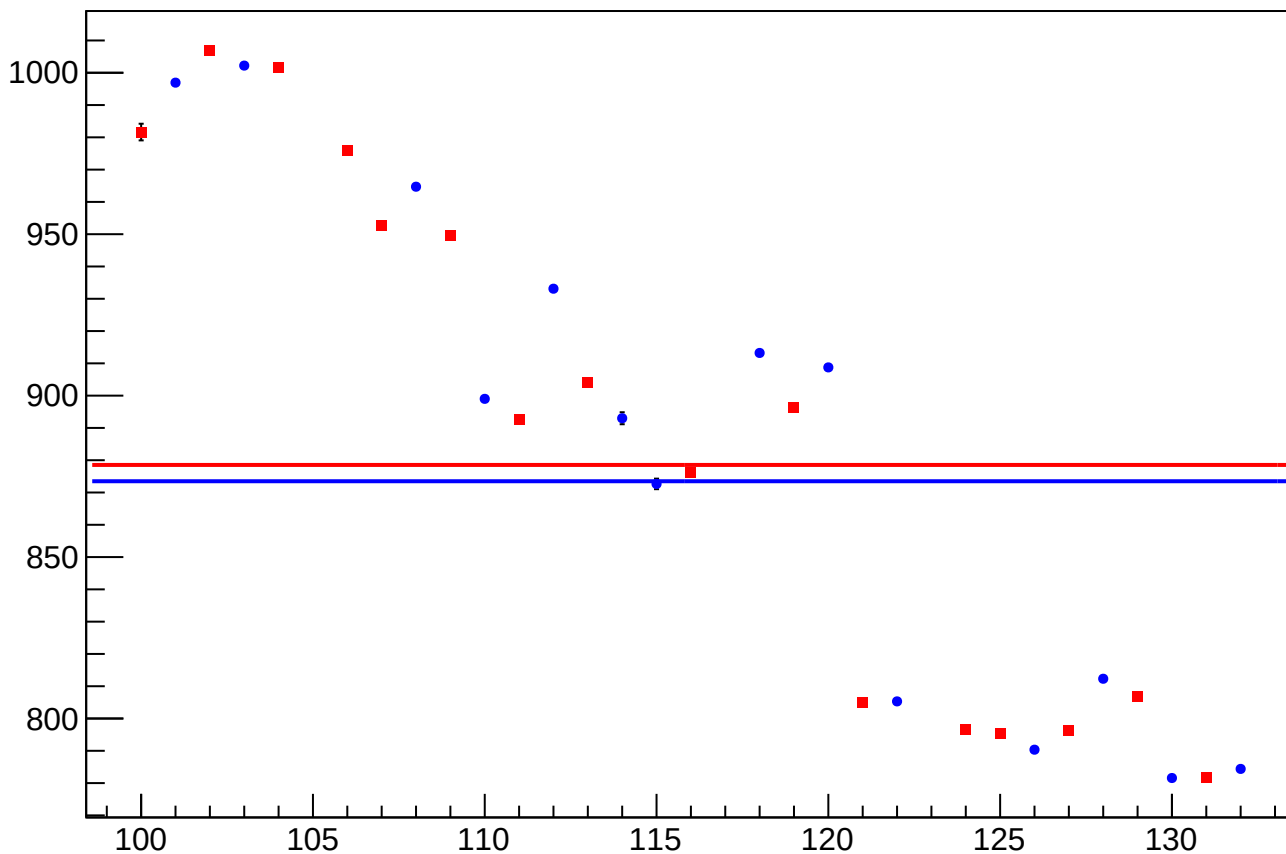
Right: -13.437+/-0.251 χ^2/NDF : 8351.8/29

In: -6.468+/-0.359 χ^2/NDF : 3940.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.437+/-0.251 χ^2/NDF : 8351.8/29

diff_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 873.487+/-0.254 χ^2/NDF : 101644.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 878.537+/-0.247 χ^2/NDF : 102466.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

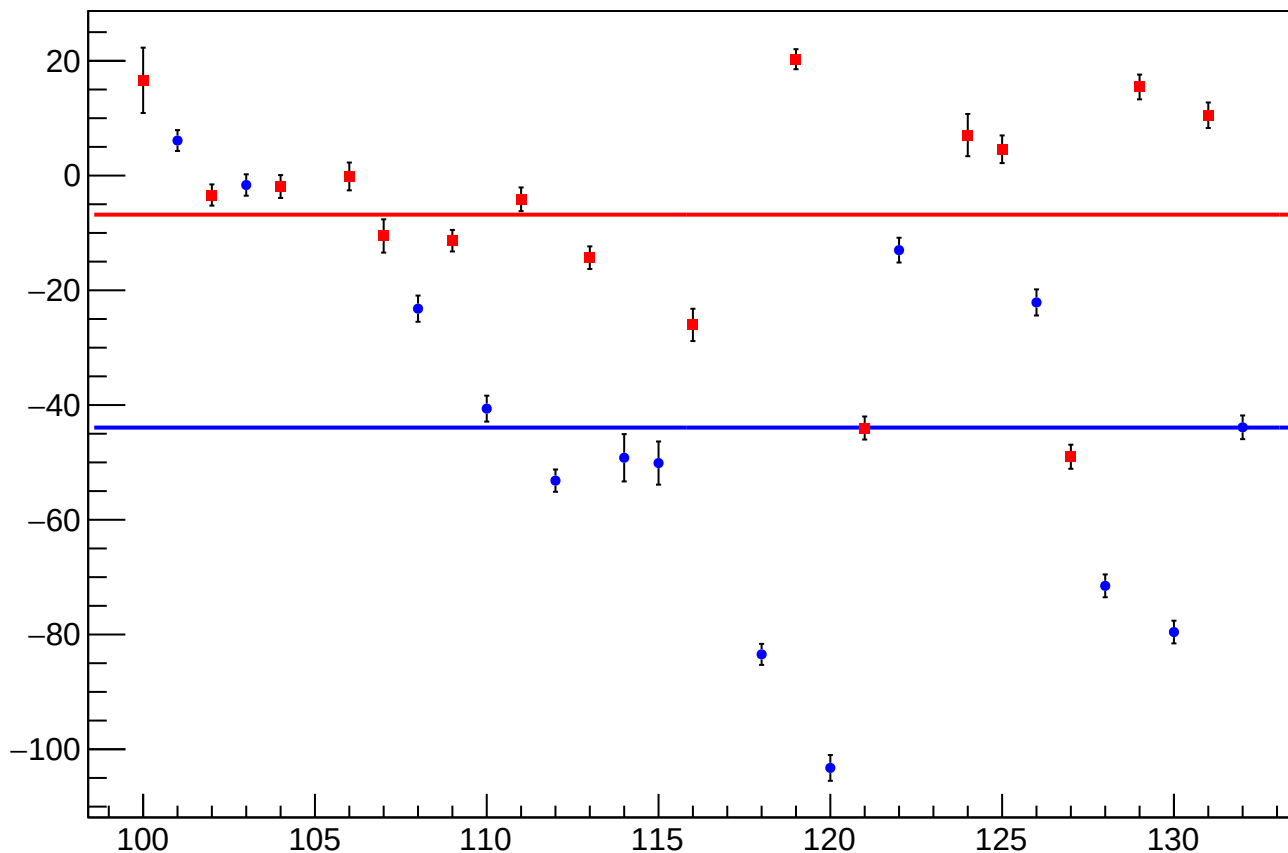
Right: 876.075+/-0.177 χ^2/NDF : 204314.4/29

In: 873.487+/-0.254 χ^2/NDF :101644.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 876.075+/-0.177 χ^2/NDF : 204314.4/29

diff_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -43.928 $\pm$ 0.576 χ^2 /NDF: 3357.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -6.811 $\pm$ 0.556 χ^2 /NDF: 1295.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

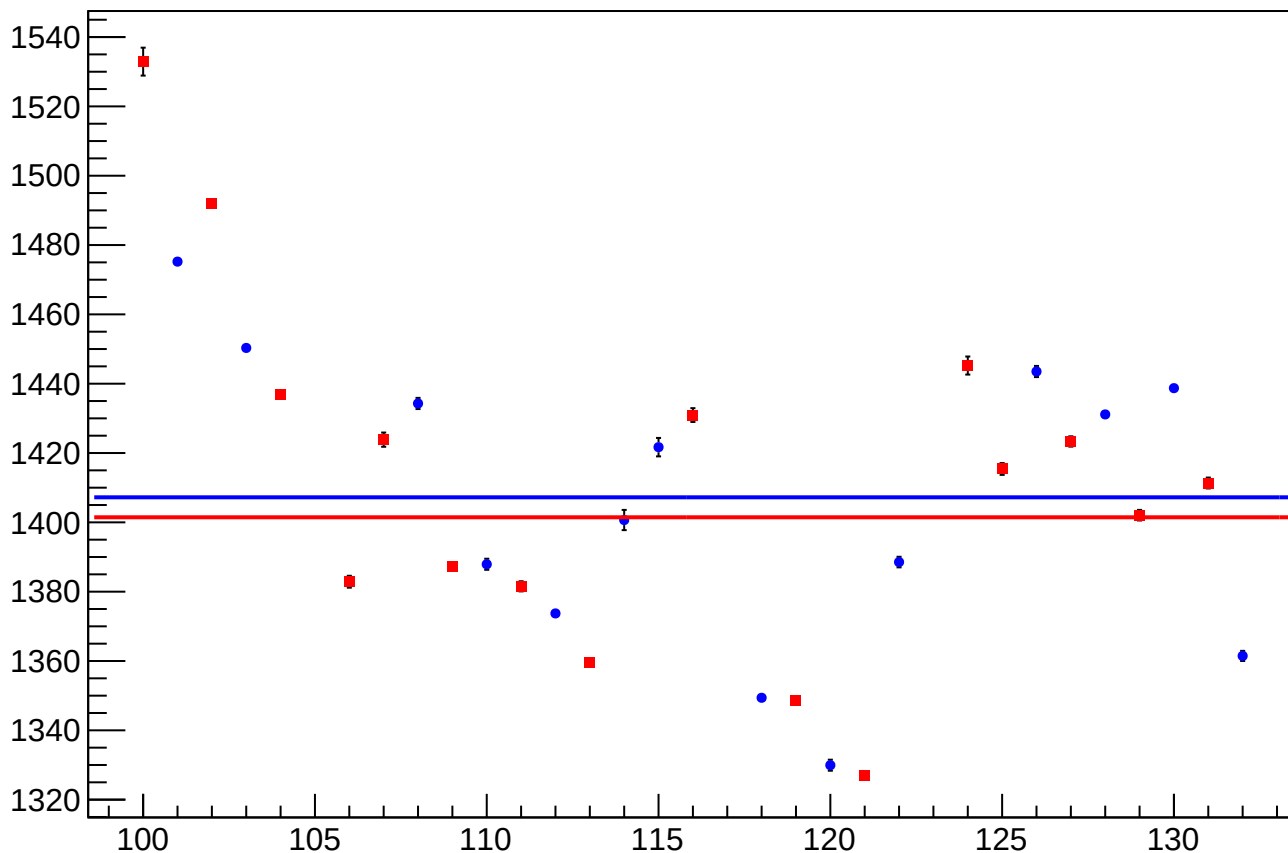
Right: -24.732 $\pm$ 0.400 χ^2 /NDF: 6801.8/29

In: -43.928 $\pm$ 0.576 χ^2 /NDF:3357.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -24.732 $\pm$ 0.400 χ^2 /NDF: 6801.8/29

diff_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 1407.222+/-0.407 χ^2/NDF : 11707.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1401.459+/-0.393 χ^2/NDF : 13333.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

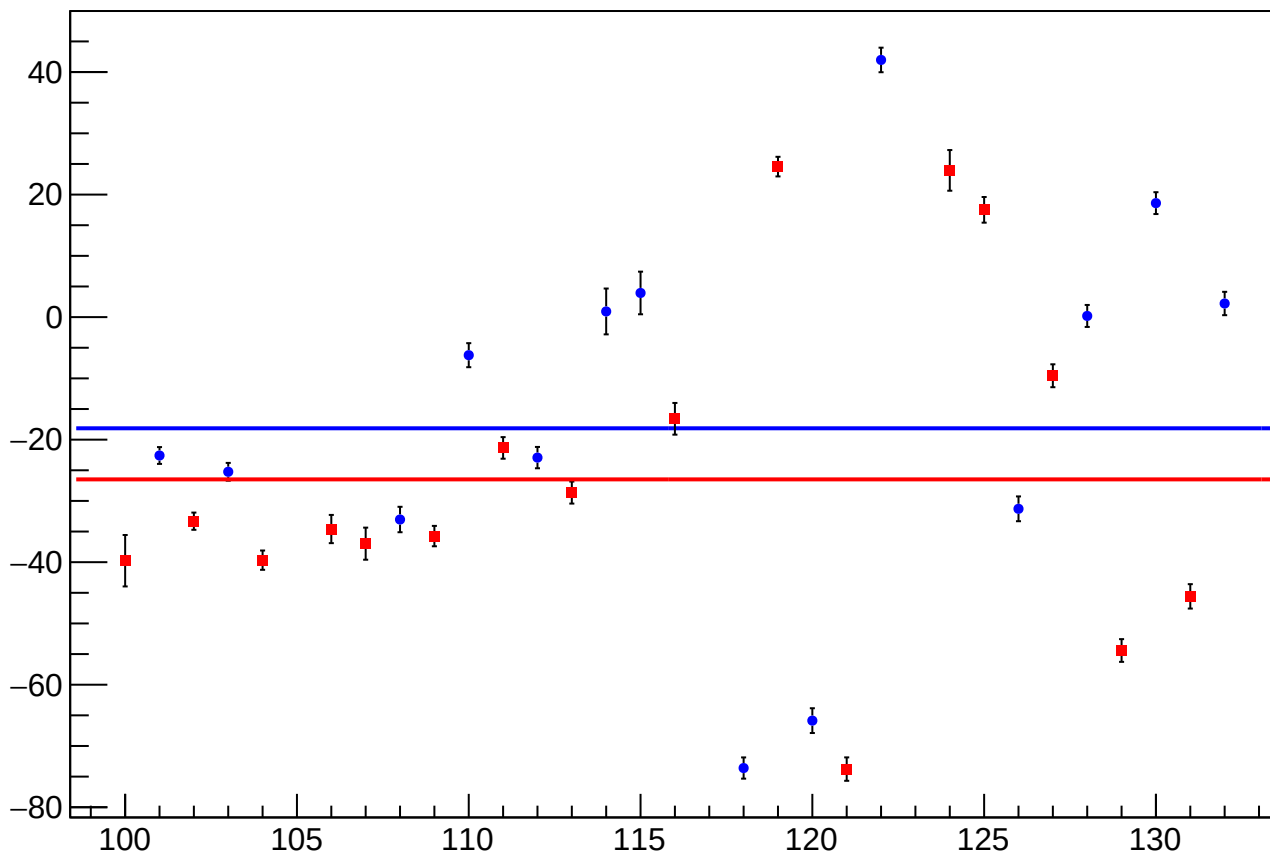
Right: 1404.242+/-0.283 χ^2/NDF : 25144.2/29

In: 1407.222+/-0.407 χ^2/NDF : 11707.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1404.242+/-0.283 χ^2/NDF : 25144.2/29

diff_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -18.147 $\pm$ 0.503 χ^2 /NDF: 3364.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -26.485 $\pm$ 0.485 χ^2 /NDF: 2889.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

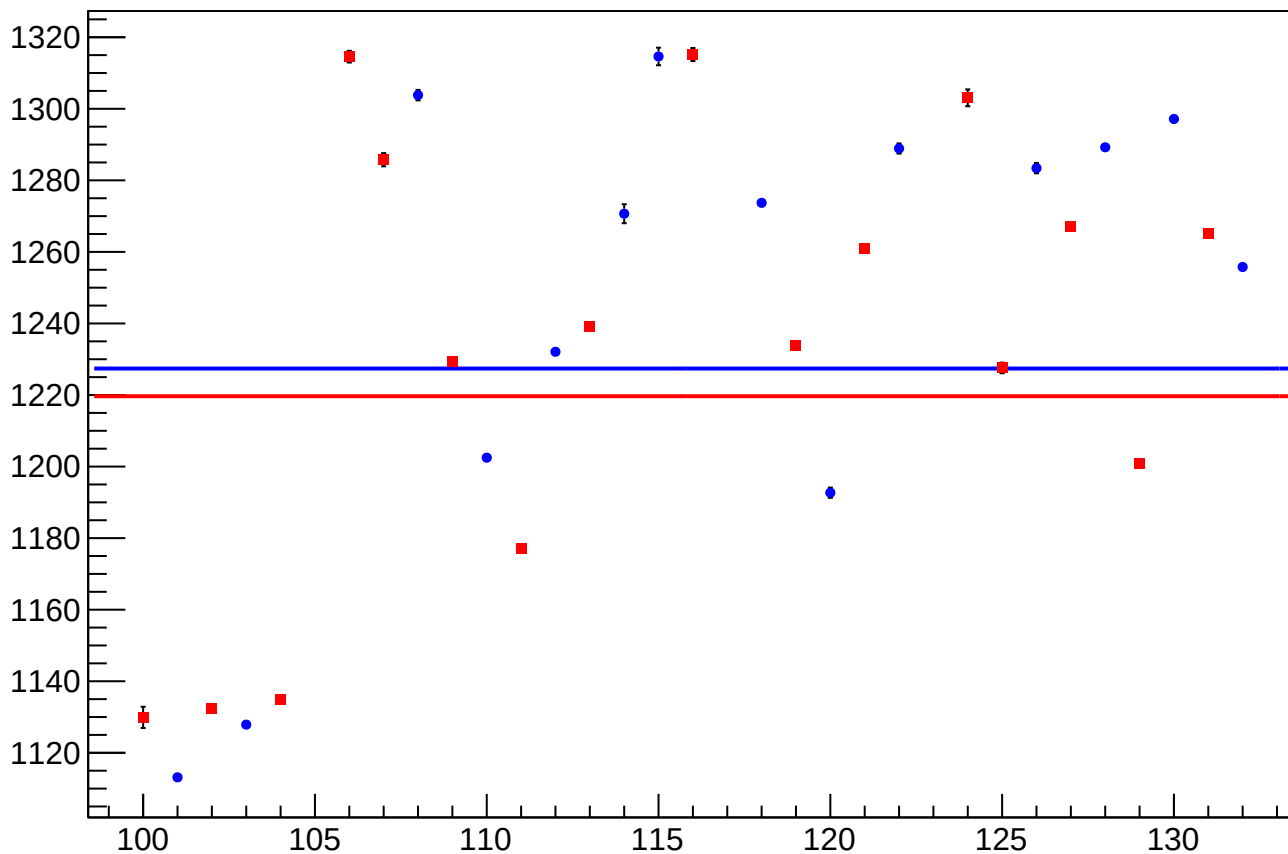
Right: -22.469 $\pm$ 0.349 χ^2 /NDF: 6396.5/29

In: -18.147 $\pm$ 0.503 χ^2 /NDF:3364.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -22.469 $\pm$ 0.349 χ^2 /NDF: 6396.5/29

diff_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 1227.408 $\pm$ 0.356 χ^2 /NDF: 39171.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1219.667 $\pm$ 0.343 χ^2 /NDF: 28237.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

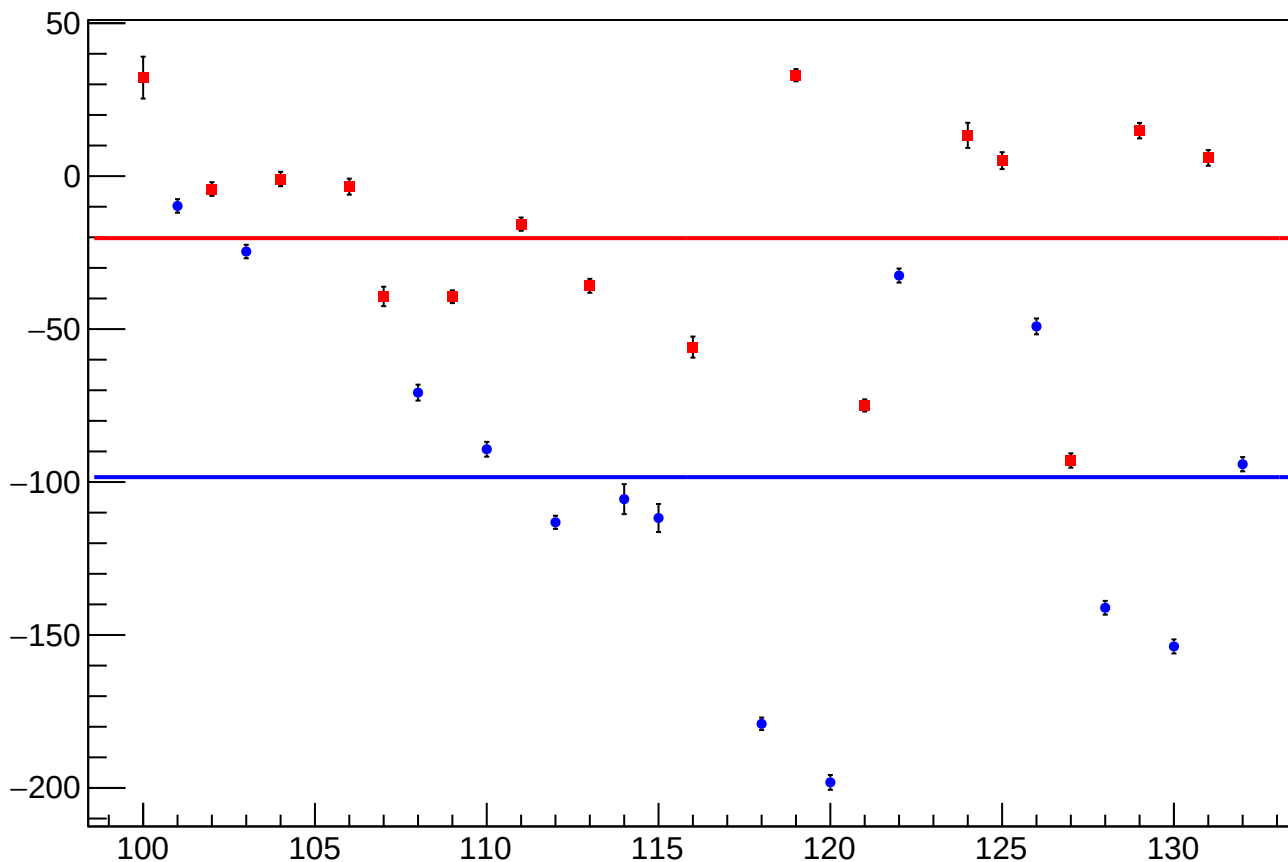
Right: 1223.395 $\pm$ 0.247 χ^2 /NDF: 67654.7/29

In: 1227.408 $\pm$ 0.356 χ^2 /NDF:39171.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1223.395 $\pm$ 0.247 χ^2 /NDF: 67654.7/29

diff_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: -98.403+/-0.652 χ^2/NDF : 8276.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.282+/-0.626 χ^2/NDF : 3382.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

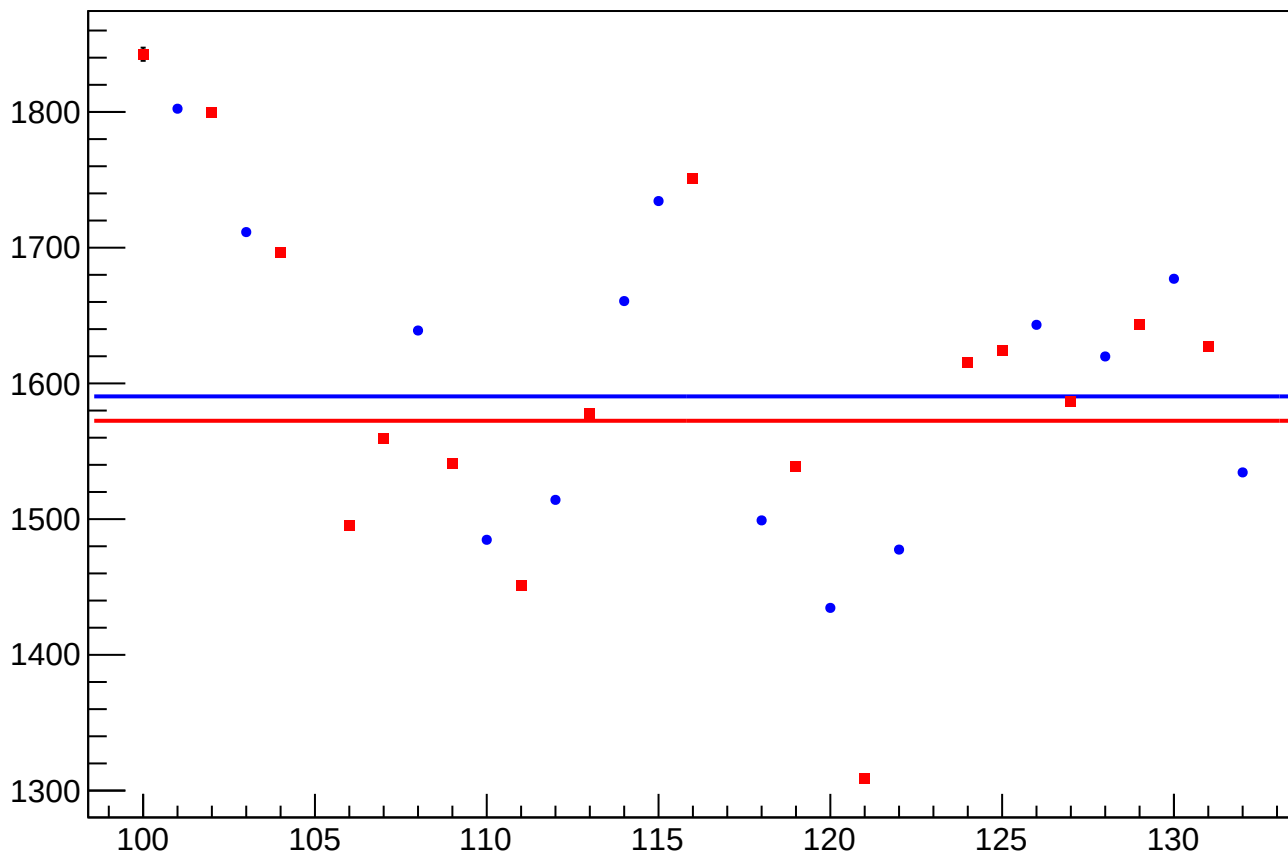
Right: -57.752+/-0.452 χ^2/NDF : 19126.3/29

In: -98.403+/-0.652 χ^2/NDF : 8276.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -57.752+/-0.452 χ^2/NDF : 19126.3/29

diff_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 1590.432+/-0.461 χ^2/NDF : 55894.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1572.466+/-0.443 χ^2/NDF : 82744.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

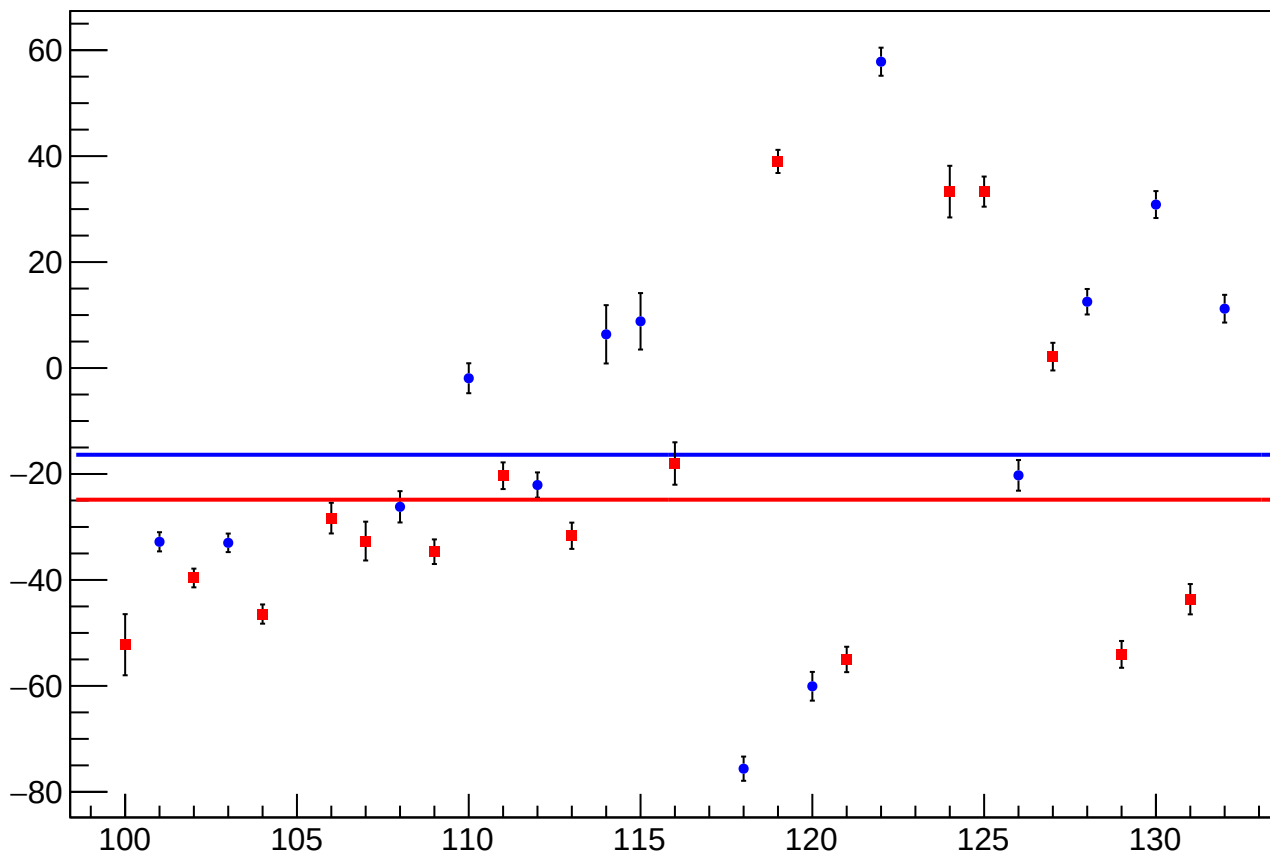
Right: 1581.083+/-0.319 χ^2/NDF : 139428.6/29

In: 1590.432+/-0.461 χ^2/NDF : 55894.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1581.083+/-0.319 χ^2/NDF : 139428.6/29

diff_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -16.369 ± 0.678 χ^2/NDF : 2571.8/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -24.852 ± 0.647 χ^2/NDF : 2128.3/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

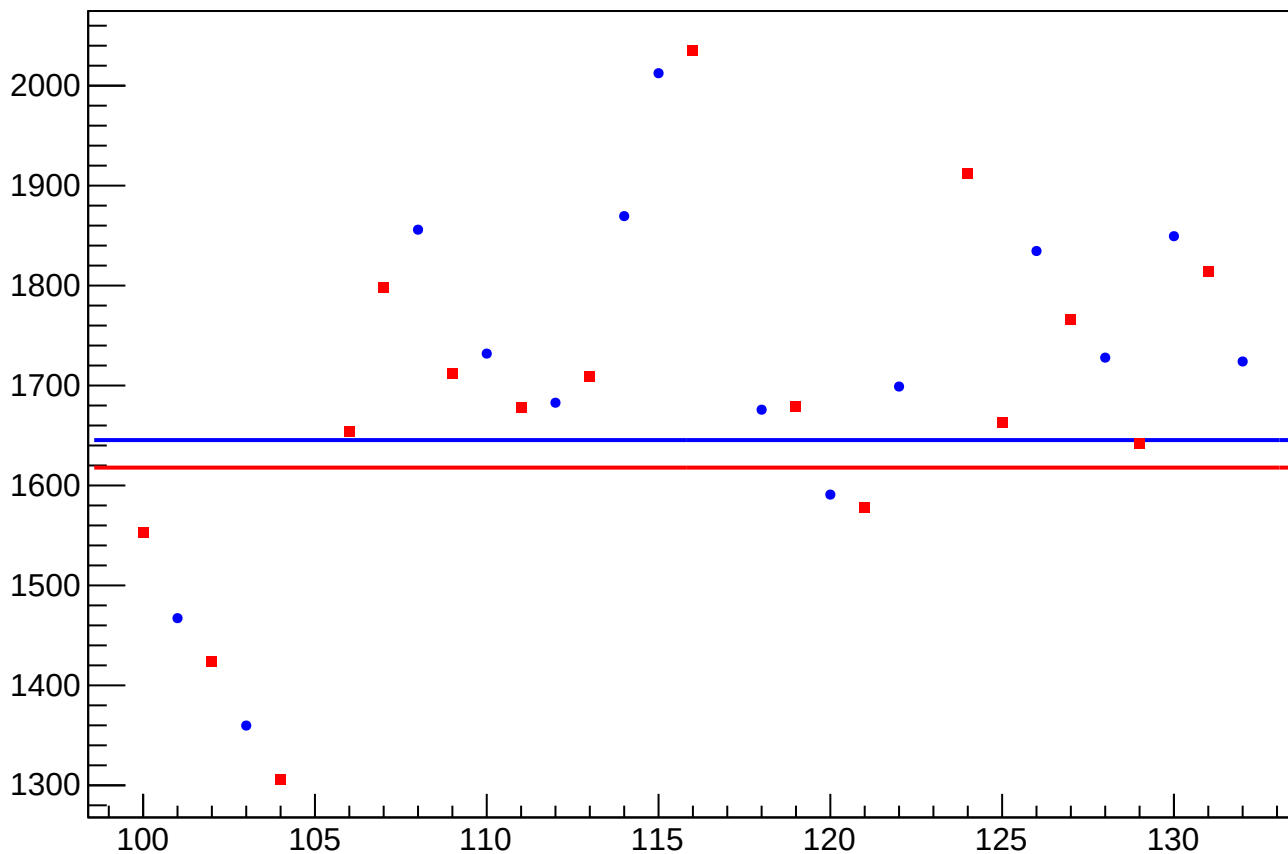
Right: -20.807 ± 0.468 χ^2/NDF : 4782.1/29

In: -16.369 ± 0.678 χ^2/NDF : 2571.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -20.807 ± 0.468 χ^2/NDF : 4782.1/29

diff_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 1645.407 $\pm$ 0.479 χ^2 /NDF: 125588.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1617.873 $\pm$ 0.457 χ^2 /NDF: 143478.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

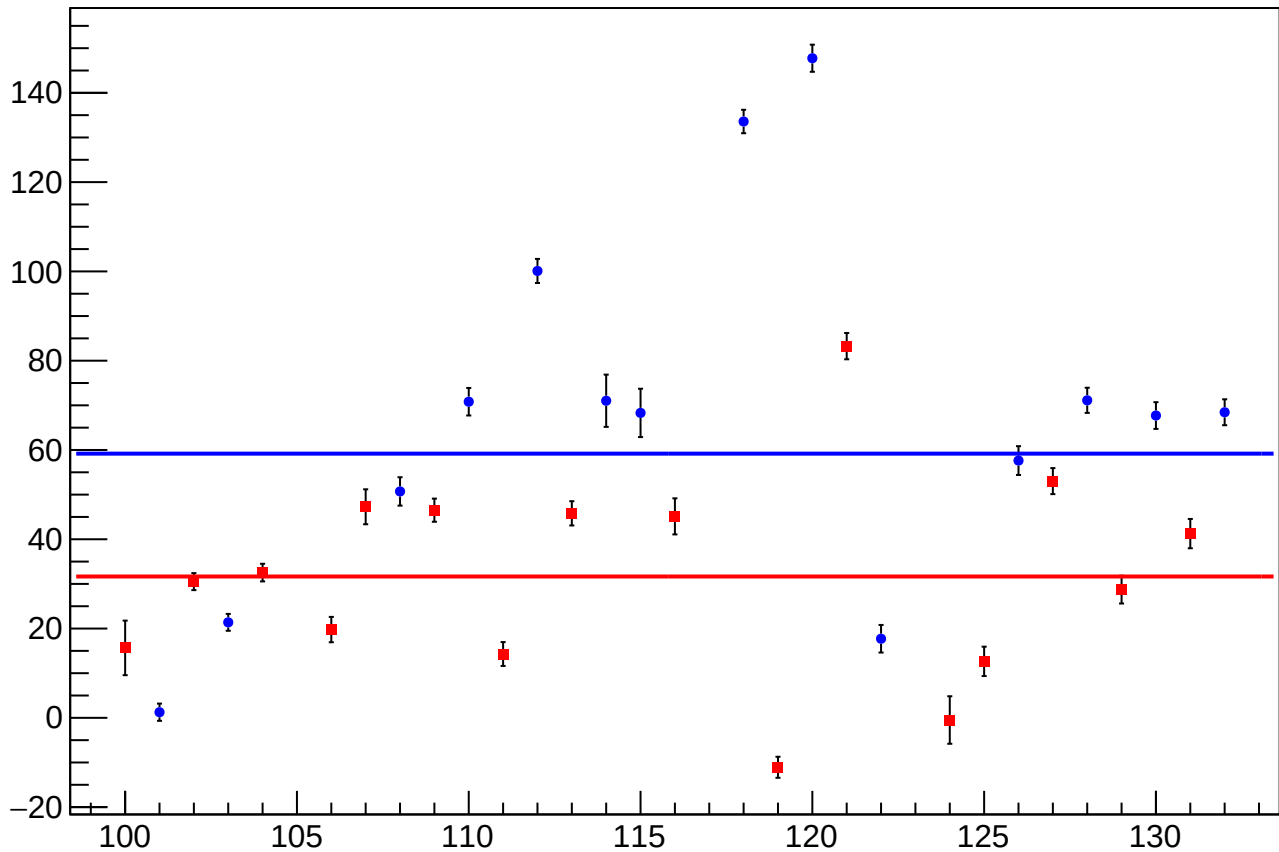
Right: 1631.003 $\pm$ 0.331 χ^2 /NDF: 270795.2/29

In: 1645.407 $\pm$ 0.479 χ^2 /NDF:125588.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1631.003 $\pm$ 0.331 χ^2 /NDF: 270795.2/29

diff_bpm0i05X_mean vs Slug, Sign Corrected



Right In: 59.180+/-0.753 χ^2/NDF : 3427.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.660+/-0.712 χ^2/NDF : 922.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

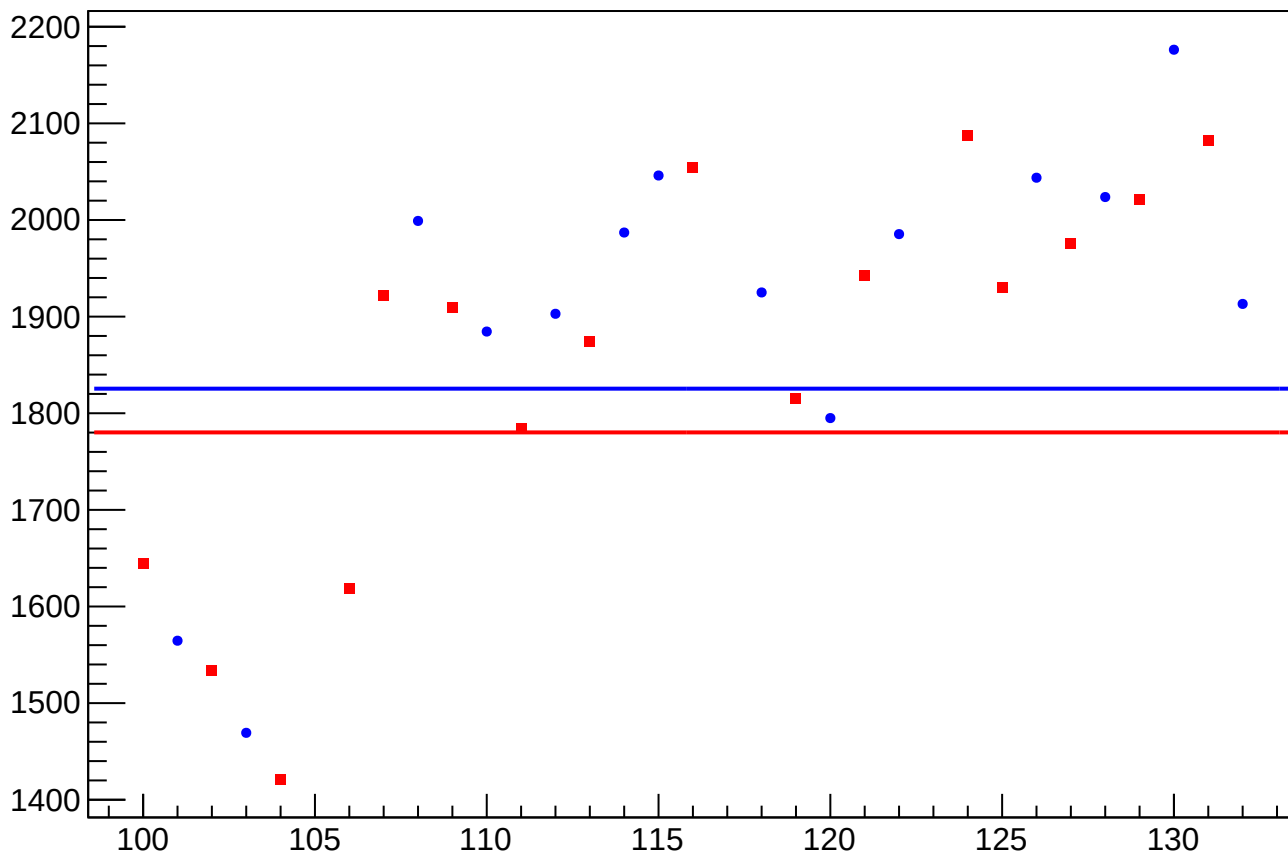
Right: 44.657+/-0.517 χ^2/NDF : 5055.7/29

In: 59.180+/-0.753 χ^2/NDF : 3427.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.657+/-0.517 χ^2/NDF : 5055.7/29

diff_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 1825.441+/-0.532 χ^2/NDF : 177573.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1780.171+/-0.504 χ^2/NDF : 181656.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

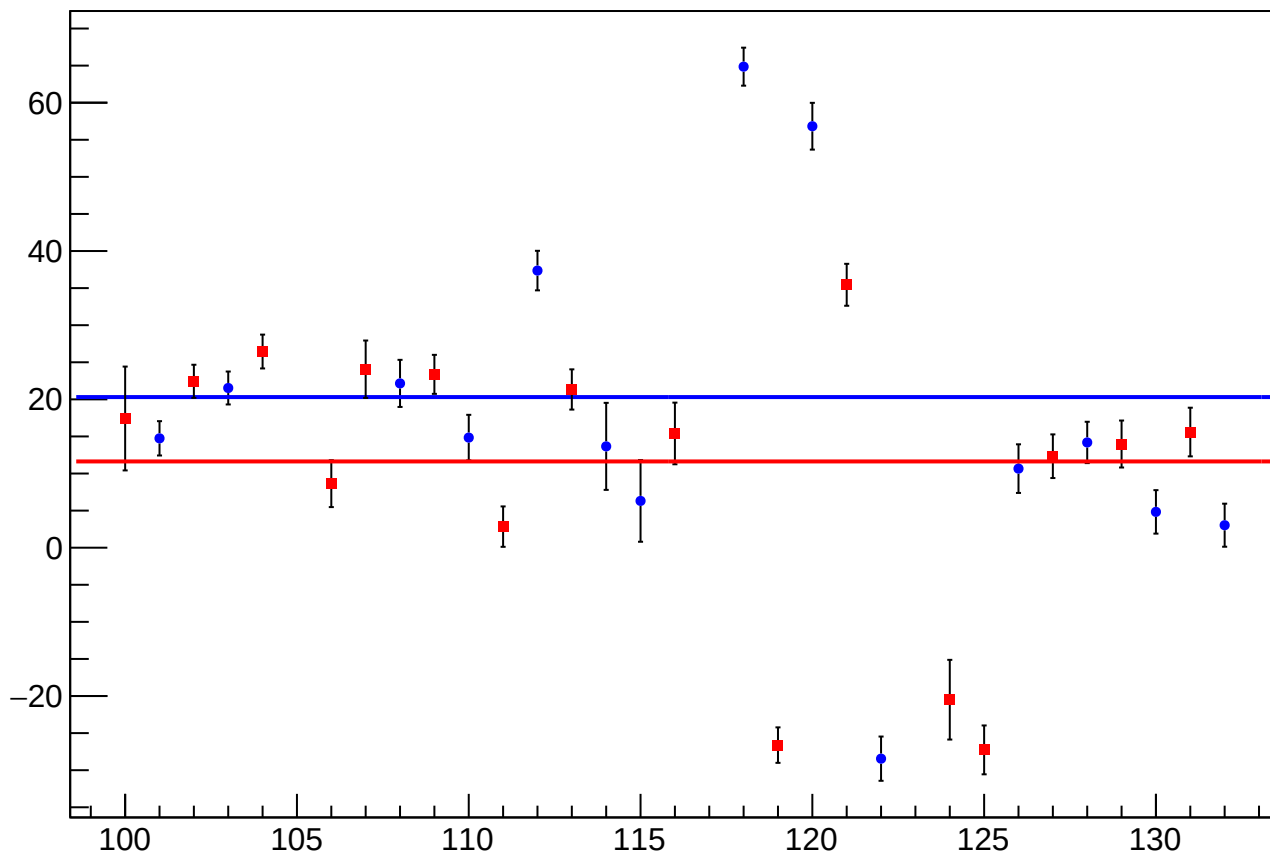
Right: 1801.550+/-0.366 χ^2/NDF : 363045.0/29

In: 1825.441+/-0.532 χ^2/NDF : 177573.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1801.550+/-0.366 χ^2/NDF : 363045.0/29

diff_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: 20.308+/-0.786 χ^2/NDF : 838.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.630+/-0.748 χ^2/NDF : 625.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

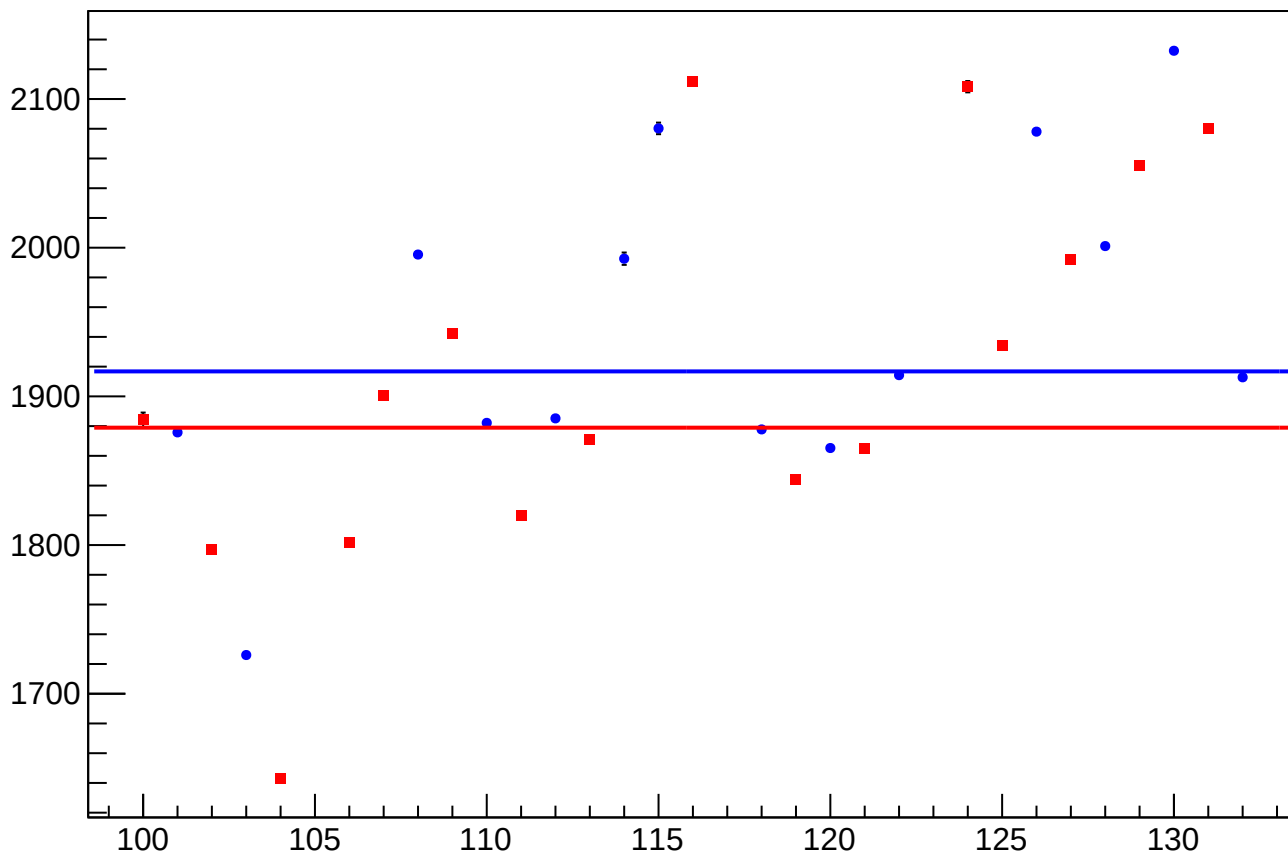
Right: 15.754+/-0.542 χ^2/NDF : 1528.0/29

In: 20.308+/-0.786 χ^2/NDF : 838.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.754+/-0.542 χ^2/NDF : 1528.0/29

diff_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 1916.798 $\pm$ 0.556 χ^2 /NDF: 37744.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1878.947 $\pm$ 0.529 χ^2 /NDF: 55085.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

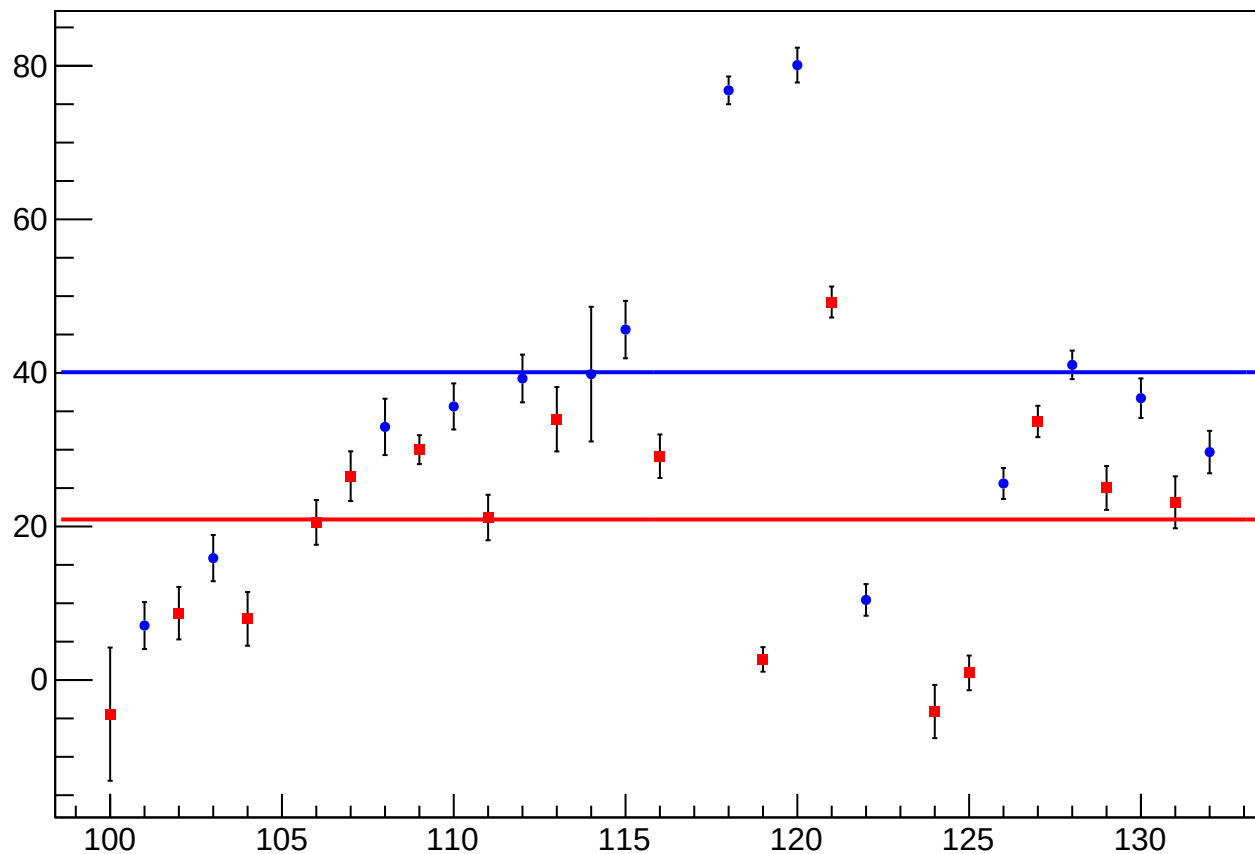
Right: 1896.934 $\pm$ 0.383 χ^2 /NDF: 95264.8/29

In: 1916.798 $\pm$ 0.556 χ^2 /NDF:37744.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1896.934 $\pm$ 0.383 χ^2 /NDF: 95264.8/29

diff_bpm0i07X_mean vs Slug, Sign Corrected



Right In: 40.091+/-0.683 χ^2/NDF : 1187.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.913+/-0.654 χ^2/NDF : 578.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

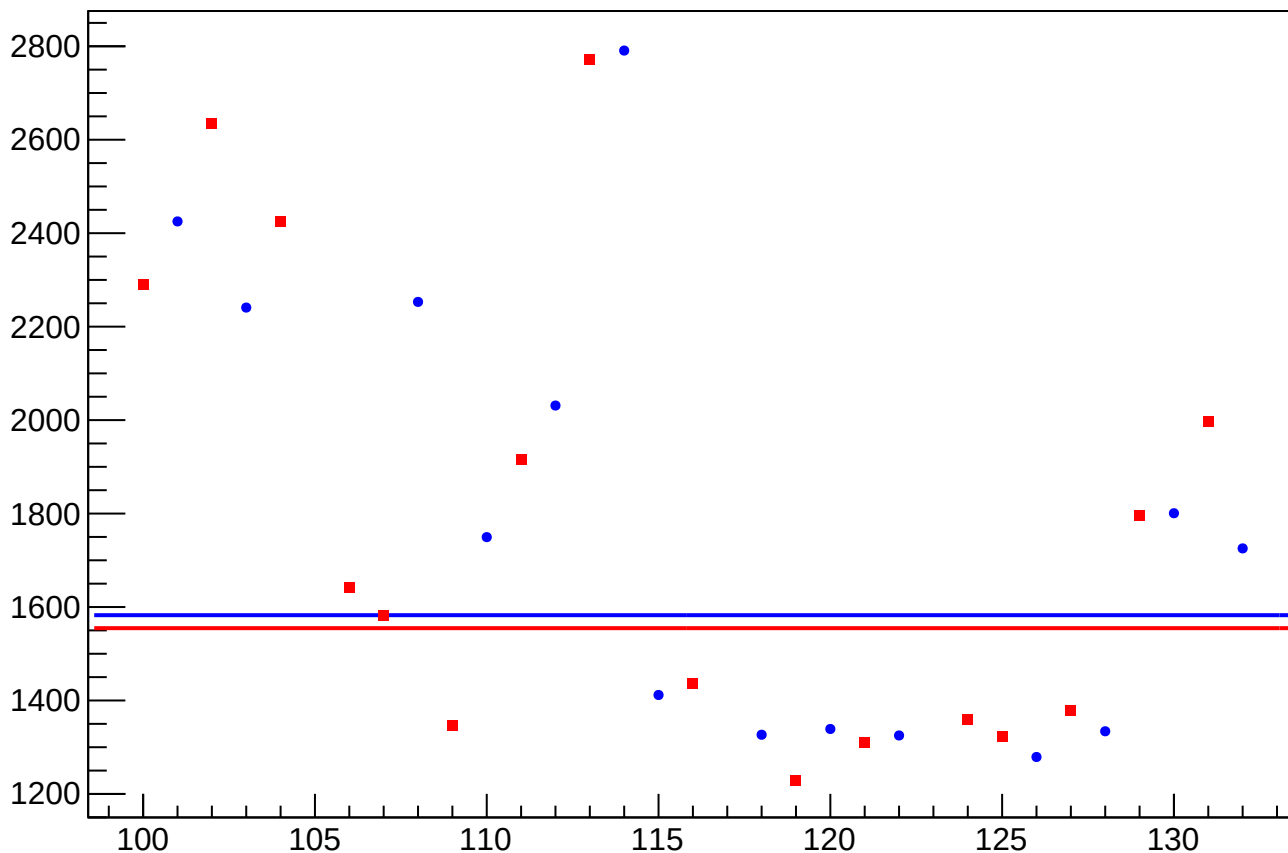
Right: 30.083+/-0.472 χ^2/NDF : 2177.3/29

In: 40.091+/-0.683 χ^2/NDF : 1187.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.083+/-0.472 χ^2/NDF : 2177.3/29

diff_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 1582.527+/-0.483 χ^2/NDF : 598995.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1554.775+/-0.462 χ^2/NDF : 769888.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

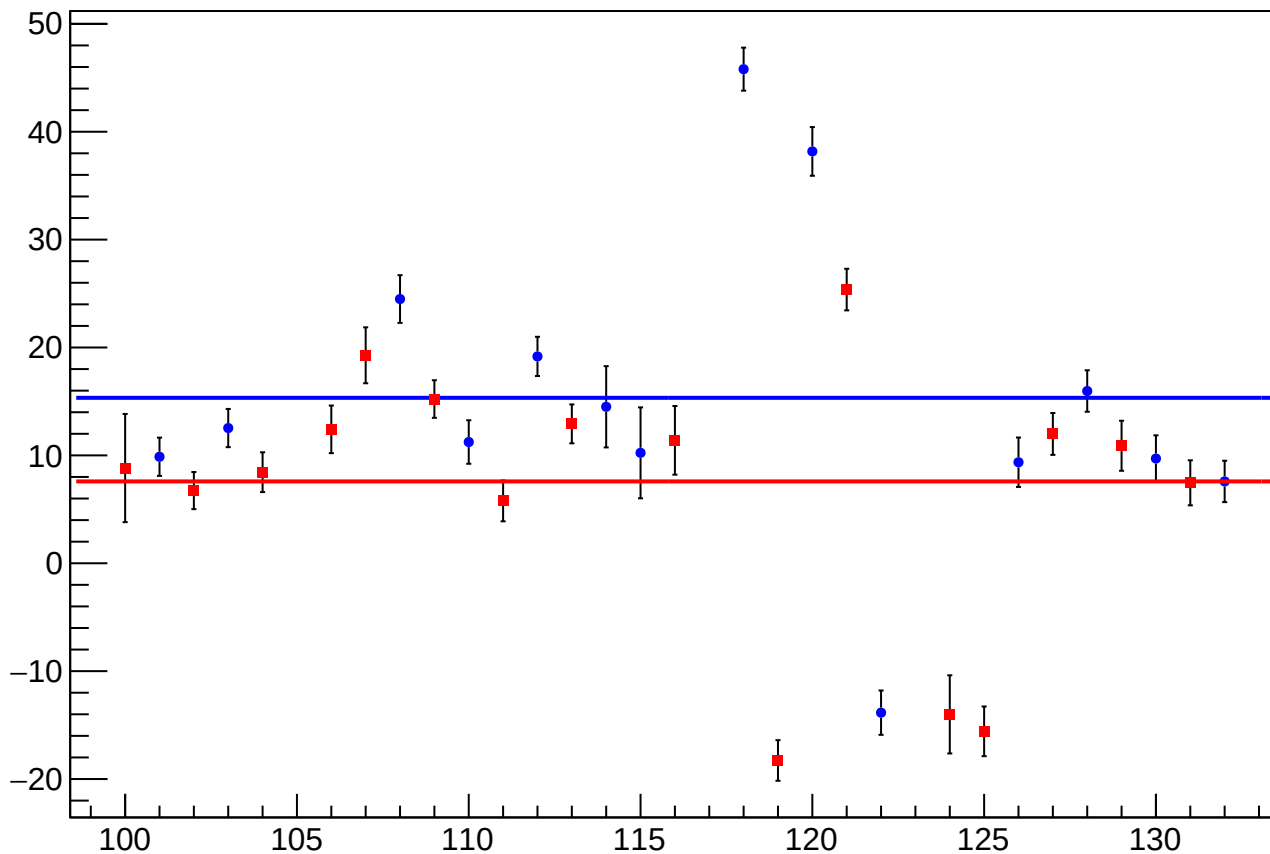
Right: 1568.045+/-0.334 χ^2/NDF : 1370606.6/29

In: 1582.527+/-0.483 χ^2/NDF : 598995.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1568.045+/-0.334 χ^2/NDF : 1370606.6/29

diff_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 15.337+/-0.563 χ^2/NDF : 607.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.587+/-0.532 χ^2/NDF : 473.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

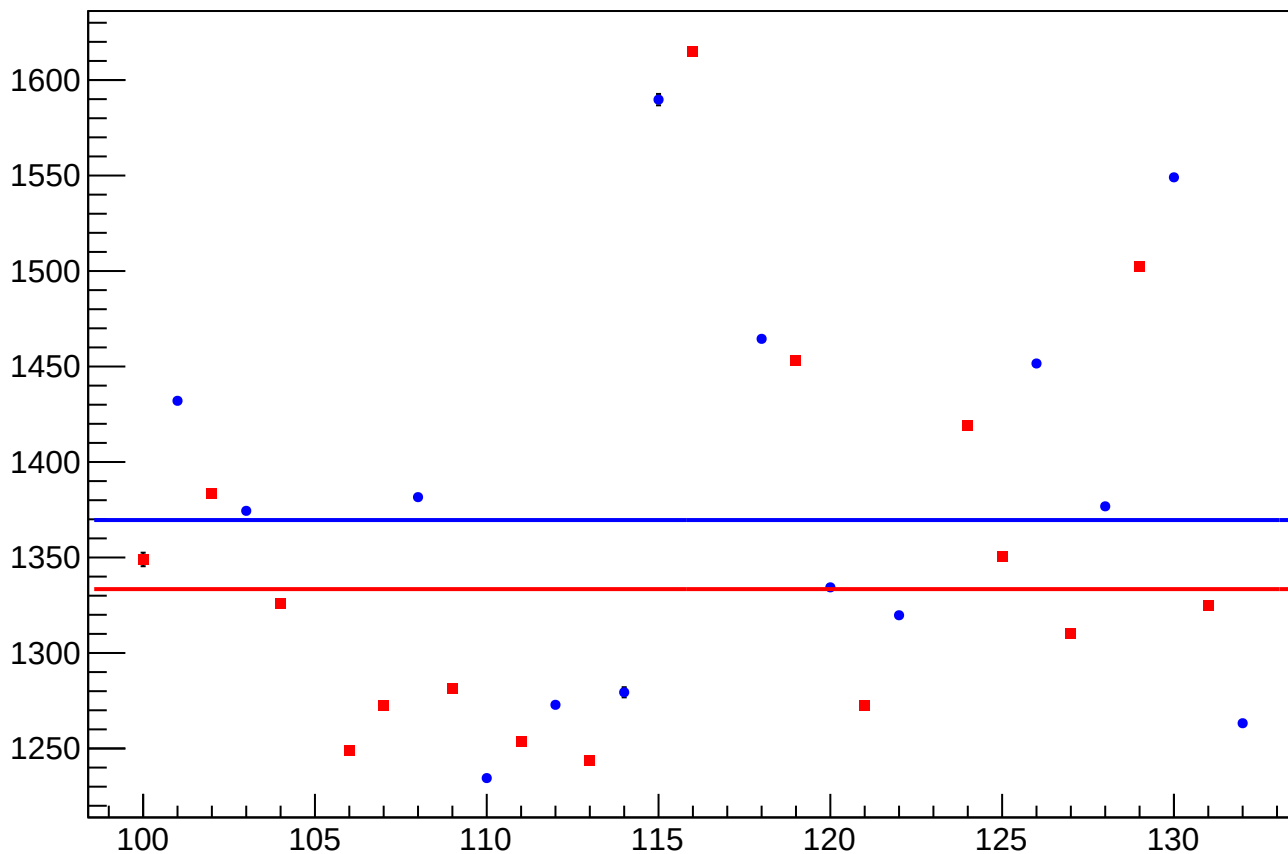
Right: 11.238+/-0.387 χ^2/NDF : 1180.9/29

In: 15.337+/-0.563 χ^2/NDF : 607.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.238+/-0.387 χ^2/NDF : 1180.9/29

diff_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 1369.608+/-0.398 χ^2/NDF : 52689.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1333.446+/-0.376 χ^2/NDF : 53982.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

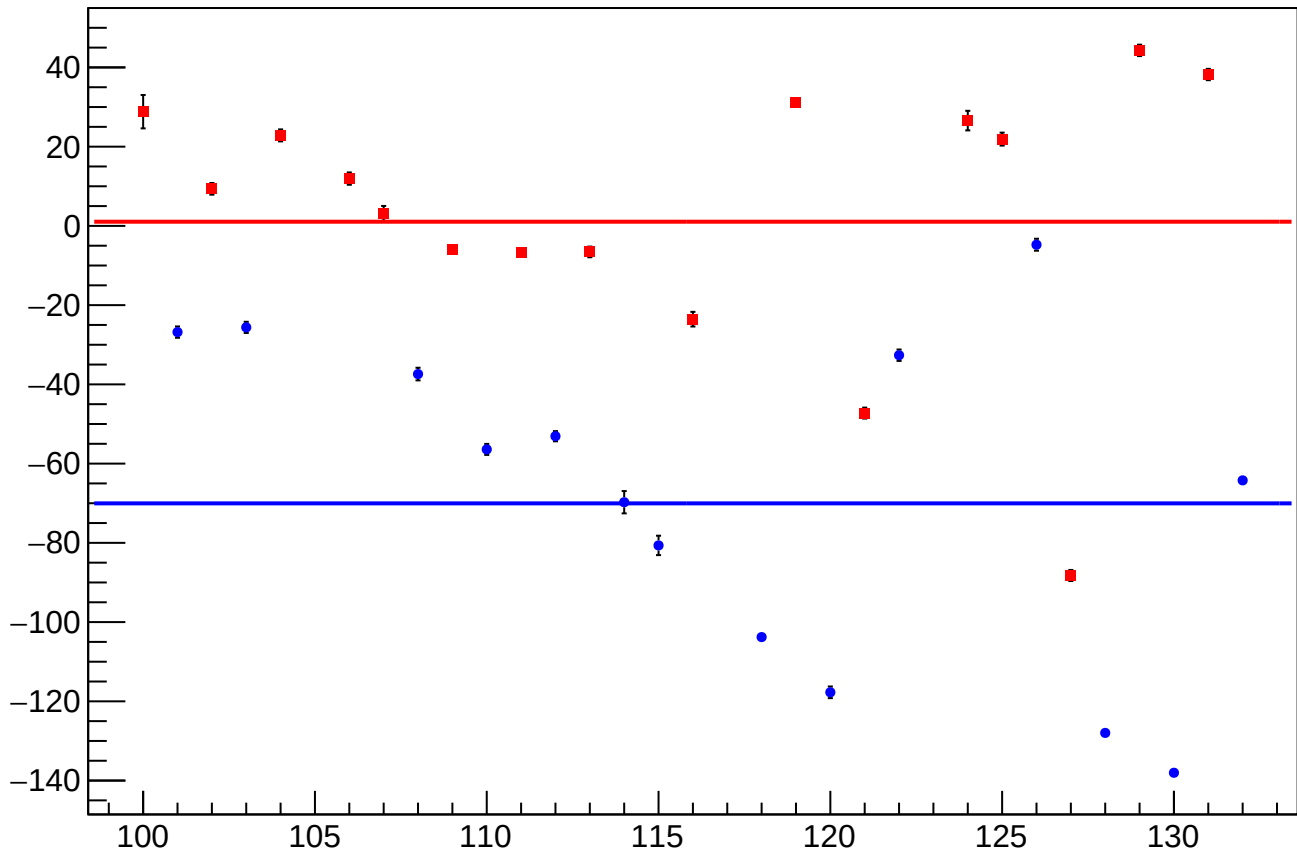
Right: 1350.480+/-0.273 χ^2/NDF : 111030.1/29

In: 1369.608+/-0.398 χ^2/NDF :52689.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1350.480+/-0.273 χ^2/NDF : 111030.1/29

diff_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -70.034+/-0.386 χ^2/NDF : 11922.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.057+/-0.377 χ^2/NDF : 8415.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

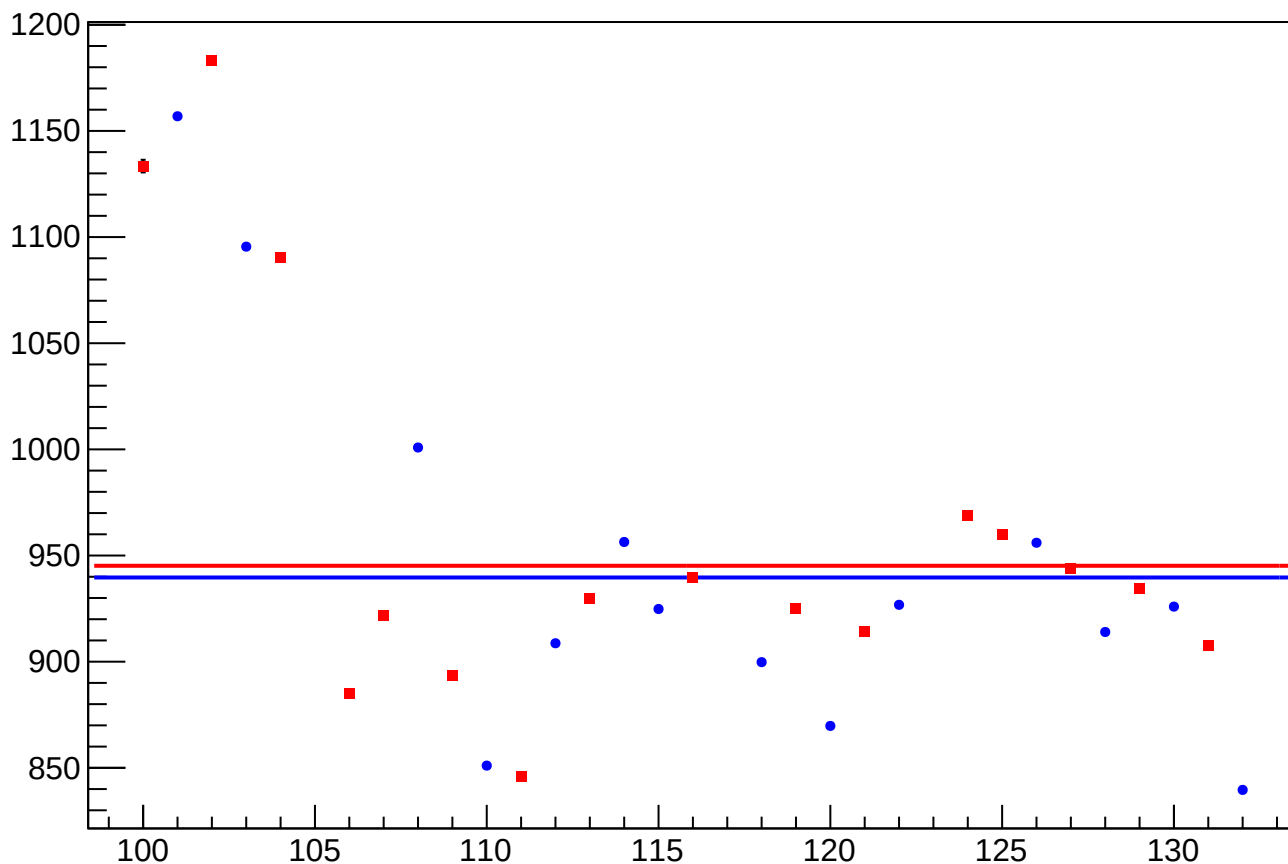
Right: -33.599+/-0.270 χ^2/NDF : 37709.7/29

In: -70.034+/-0.386 χ^2/NDF : 11922.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.599+/-0.270 χ^2/NDF : 37709.7/29

diff_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 939.657+/-0.273 χ^2/NDF : 103563.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 945.172+/-0.266 χ^2/NDF : 97776.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

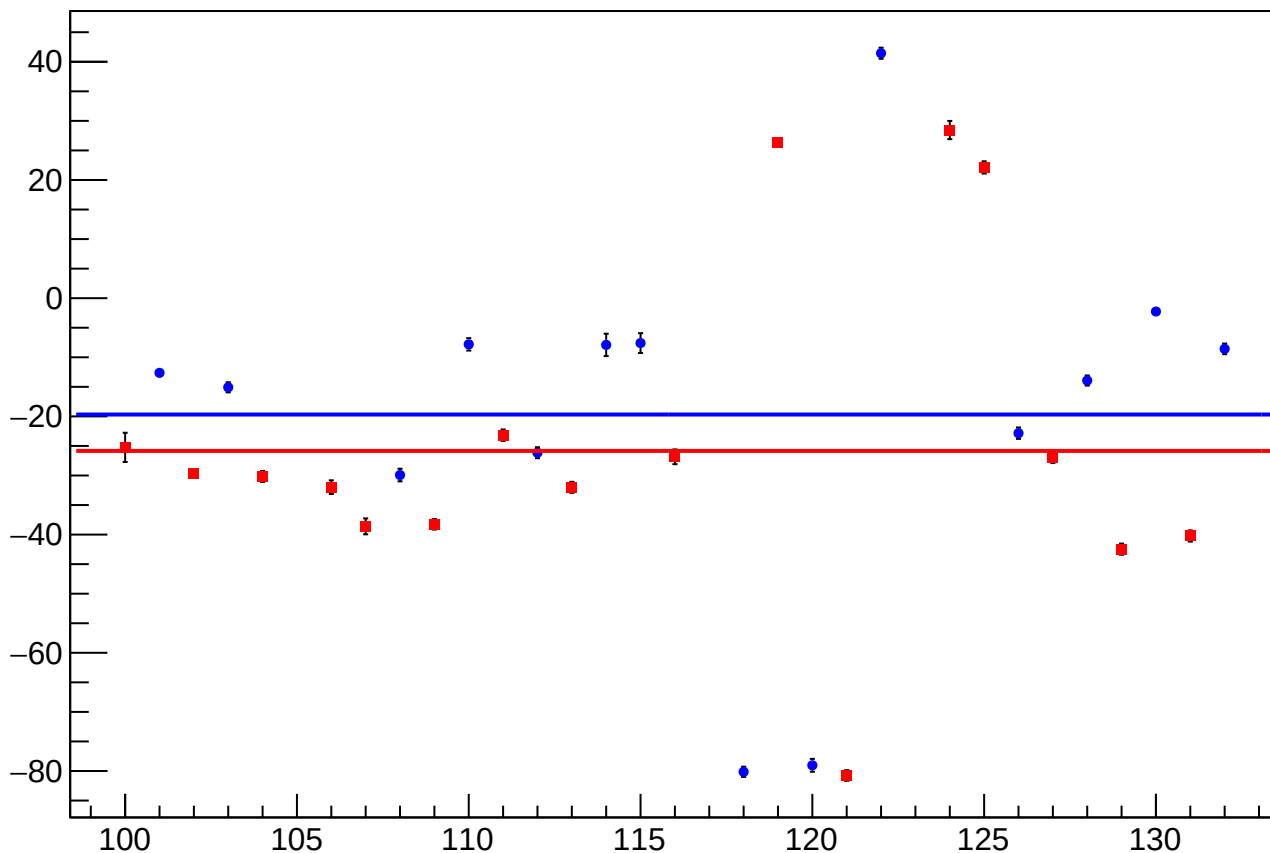
Right: 942.484+/-0.191 χ^2/NDF : 201549.0/29

In: 939.657+/-0.273 χ^2/NDF : 103563.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 942.484+/-0.191 χ^2/NDF : 201549.0/29

diff_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: -19.685+/-0.260 χ^2/NDF : 13168.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.840+/-0.252 χ^2/NDF : 12188.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

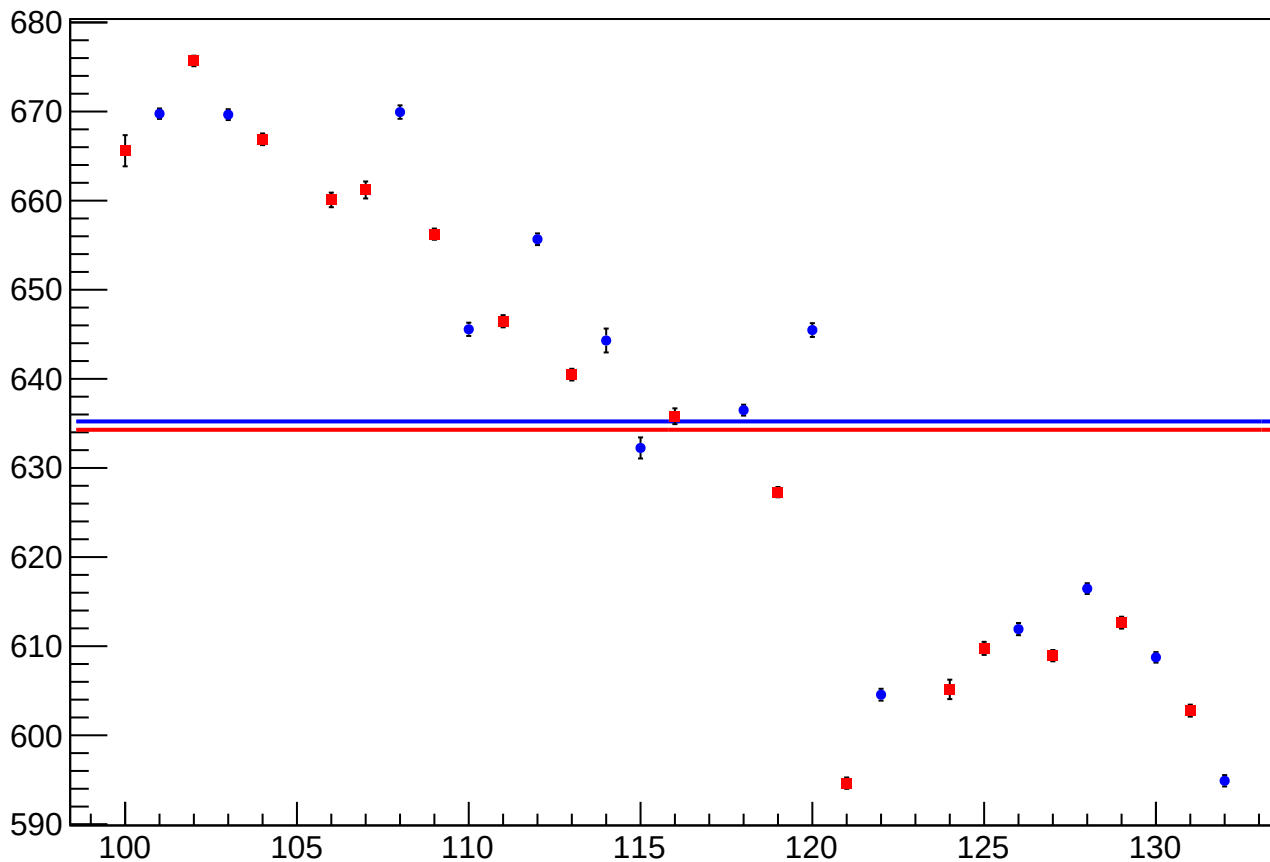
Right: -22.860+/-0.181 χ^2/NDF : 25646.1/29

In: -19.685+/-0.260 χ^2/NDF : 13168.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.860+/-0.181 χ^2/NDF : 25646.1/29

diff_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 635.222 $\pm$ 0.184 χ^2 /NDF: 20471.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 634.285 $\pm$ 0.178 χ^2 /NDF: 21825.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

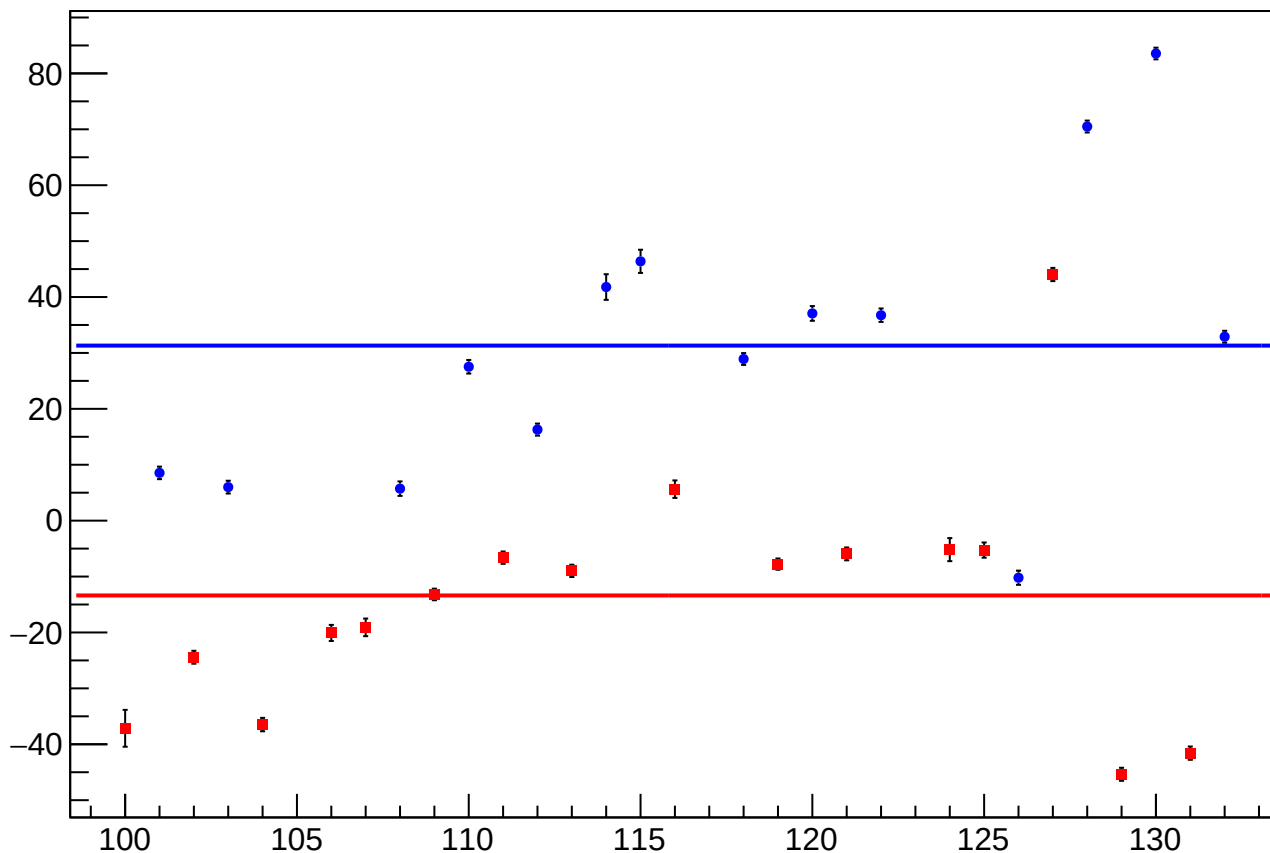
Right: 634.738 $\pm$ 0.128 χ^2 /NDF: 42310.3/29

In: 635.222 $\pm$ 0.184 χ^2 /NDF:20471.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 634.738 $\pm$ 0.128 χ^2 /NDF: 42310.3/29

diff_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 31.310+/-0.323 χ^2/NDF : 6531.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.380+/-0.315 χ^2/NDF : 4545.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

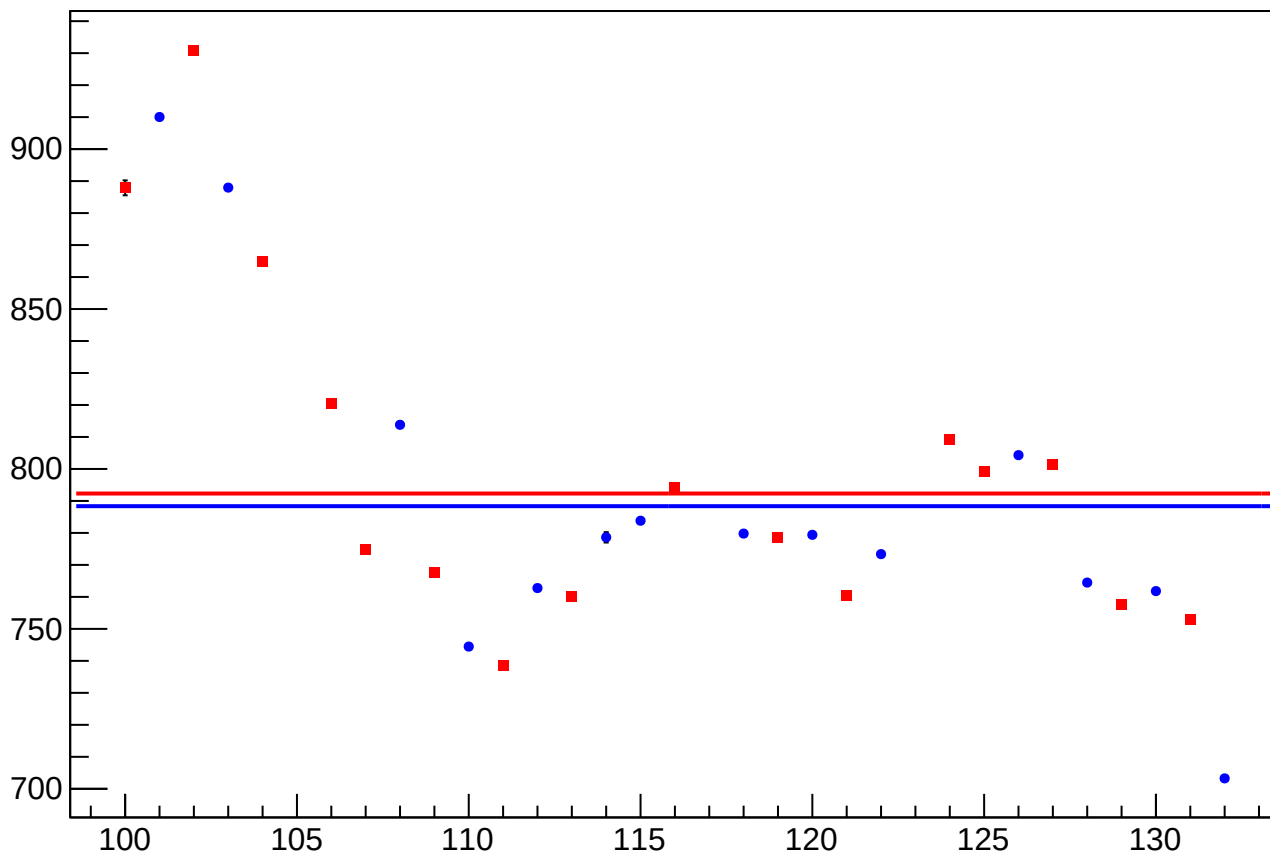
Right: 8.389+/-0.226 χ^2/NDF : 20877.3/29

In: 31.310+/-0.323 χ^2/NDF : 6531.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.389+/-0.226 χ^2/NDF : 20877.3/29

diff_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 788.363+/-0.229 χ^2/NDF : 59117.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 792.322+/-0.223 χ^2/NDF : 52469.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

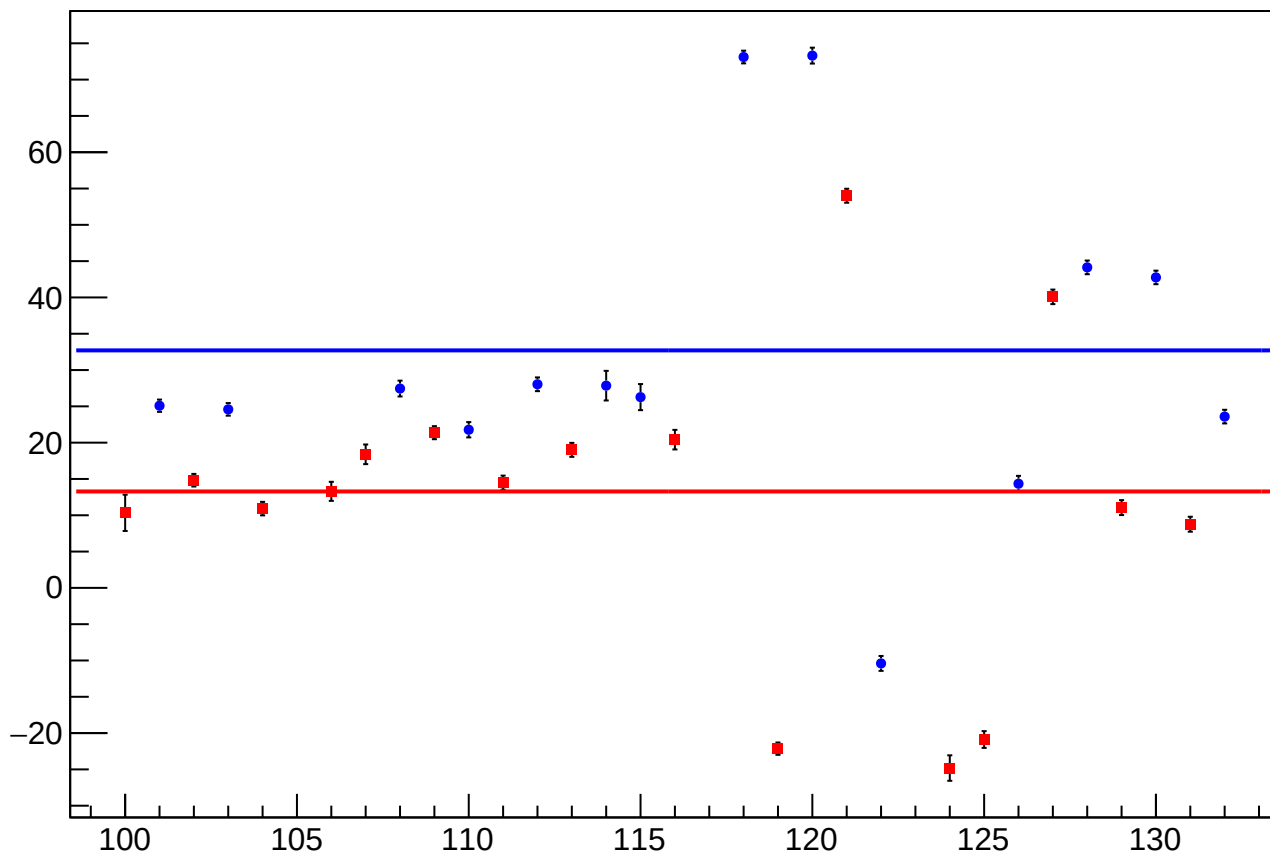
Right: 790.394+/-0.160 χ^2/NDF : 111739.9/29

In: 788.363+/-0.229 χ^2/NDF : 59117.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 790.394+/-0.160 χ^2/NDF : 111739.9/29

diff_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 32.708+/-0.272 χ^2/NDF : 6257.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.278+/-0.266 χ^2/NDF : 5796.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

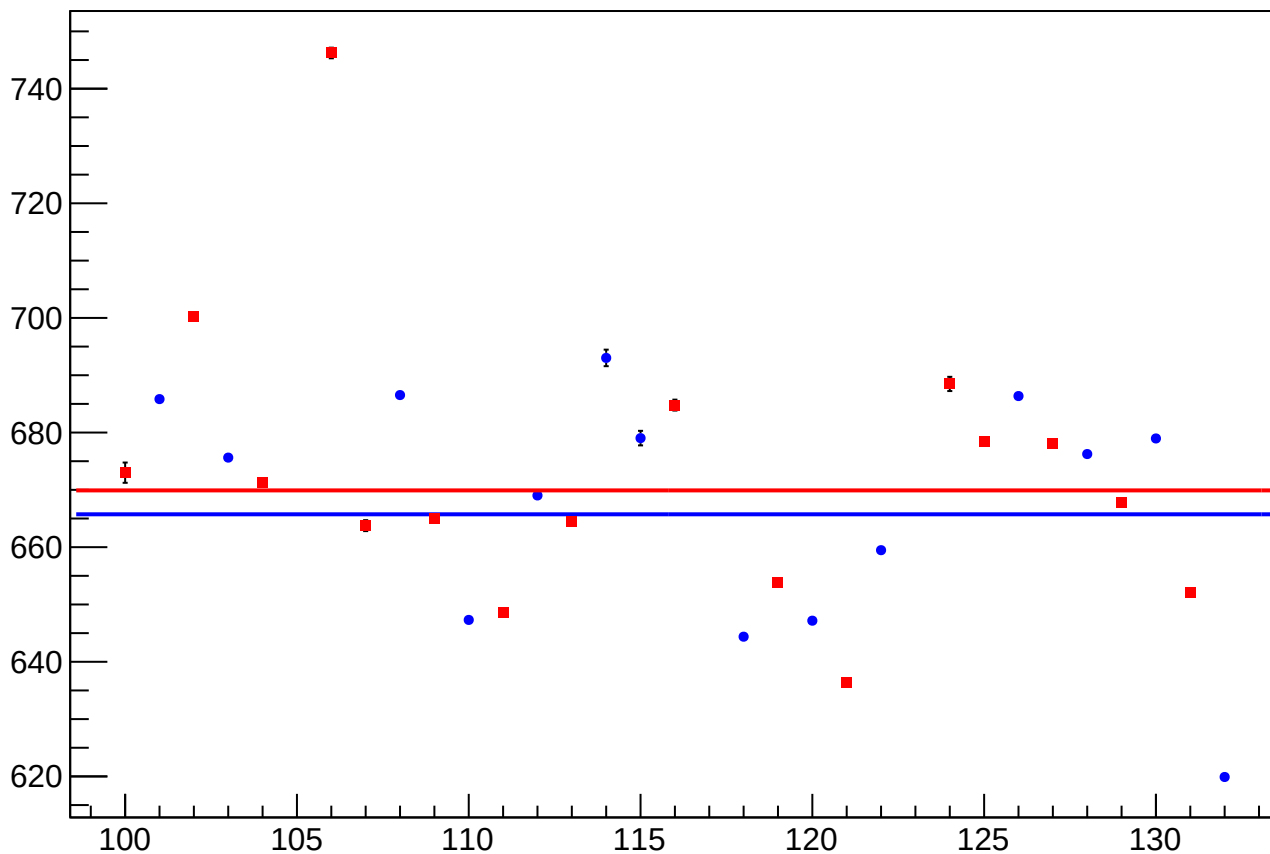
Right: 22.763+/-0.190 χ^2/NDF : 14657.6/29

In: 32.708+/-0.272 χ^2/NDF : 6257.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.763+/-0.190 χ^2/NDF : 14657.6/29

diff_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 665.735 $\pm$ 0.193 χ^2 /NDF: 11183.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 669.906 $\pm$ 0.188 χ^2 /NDF: 14820.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

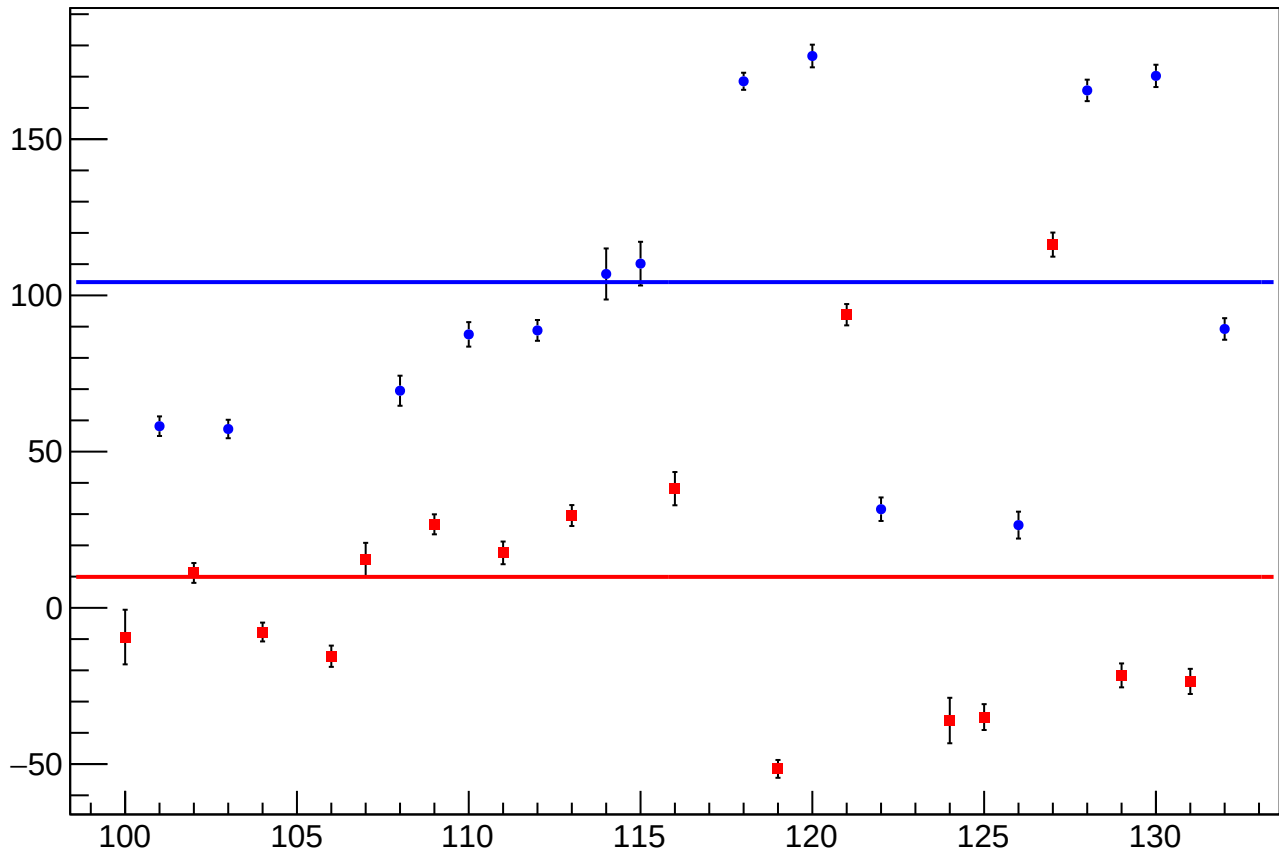
Right: 667.870 $\pm$ 0.135 χ^2 /NDF: 26244.0/29

In: 665.735 $\pm$ 0.193 χ^2 /NDF:11183.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 667.870 $\pm$ 0.135 χ^2 /NDF: 26244.0/29

diff_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 104.251+/-0.985 χ^2/NDF : 2892.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.912+/-0.943 χ^2/NDF : 2314.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

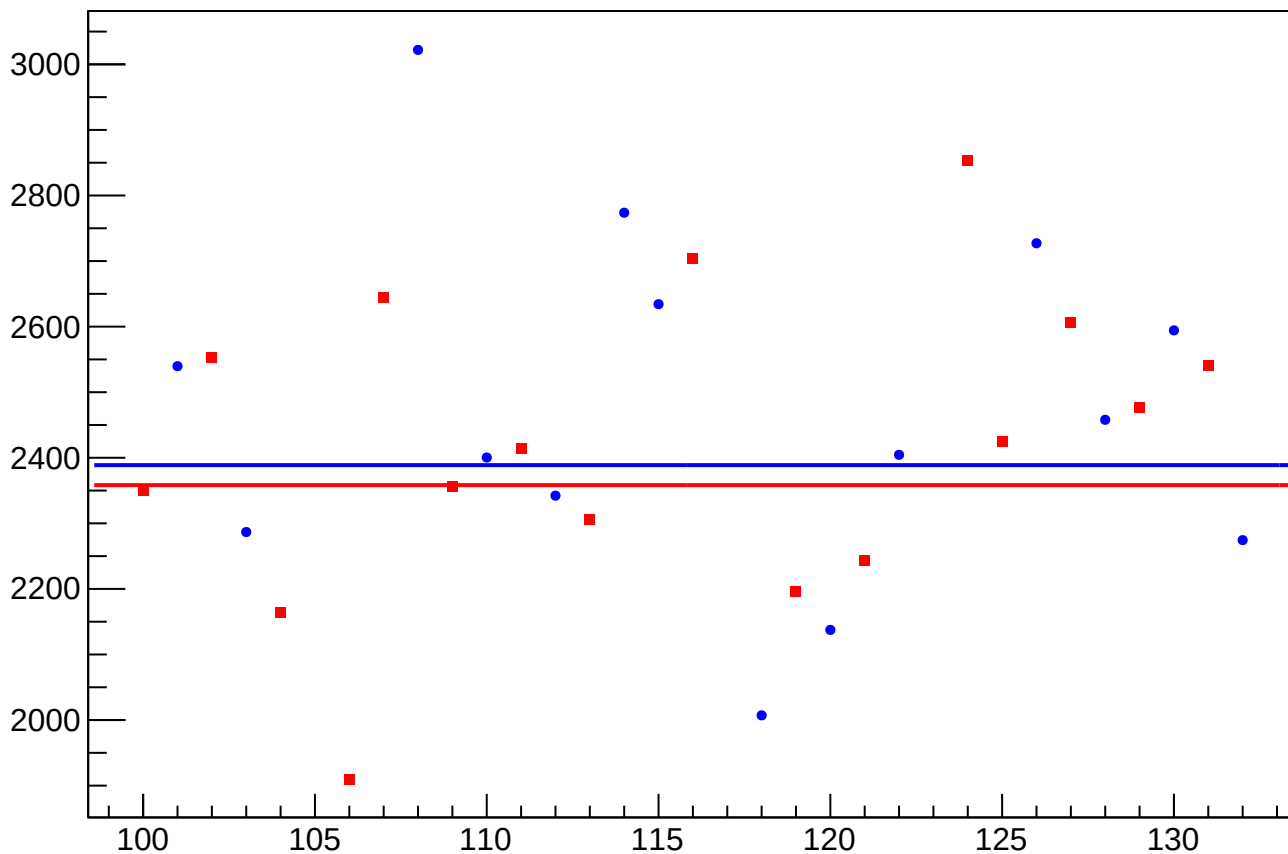
Right: 55.047+/-0.681 χ^2/NDF : 9994.3/29

In: 104.251+/-0.985 χ^2/NDF : 2892.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.047+/-0.681 χ^2/NDF : 9994.3/29

diff_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 2388.775+/-0.696 χ^2/NDF : 119539.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2358.263+/-0.667 χ^2/NDF : 98537.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

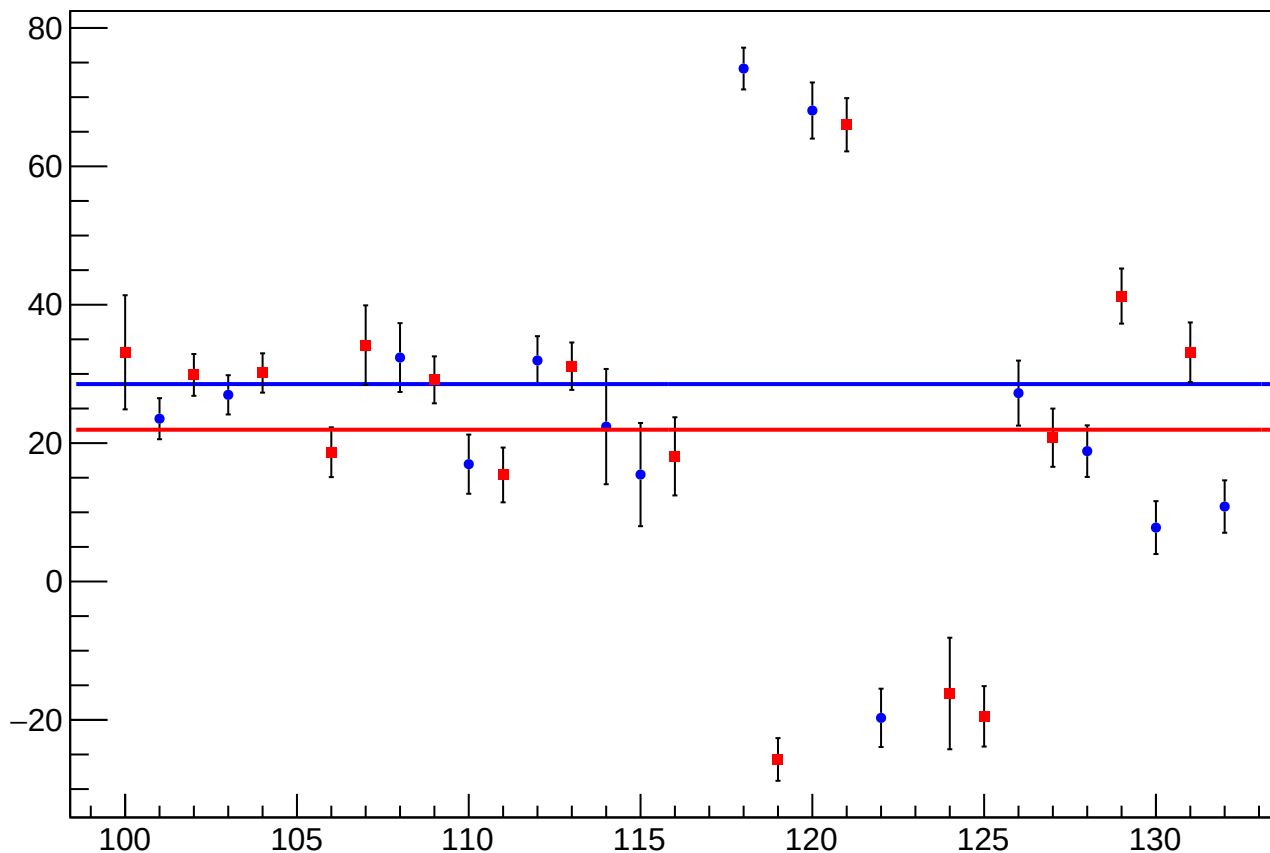
Right: 2372.861+/-0.482 χ^2/NDF : 219078.8/29

In: 2388.775+/-0.696 χ^2/NDF : 119539.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2372.861+/-0.482 χ^2/NDF : 219078.8/29

diff_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: 28.533+/-1.038 χ^2/NDF : 527.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.936+/-0.982 χ^2/NDF : 549.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

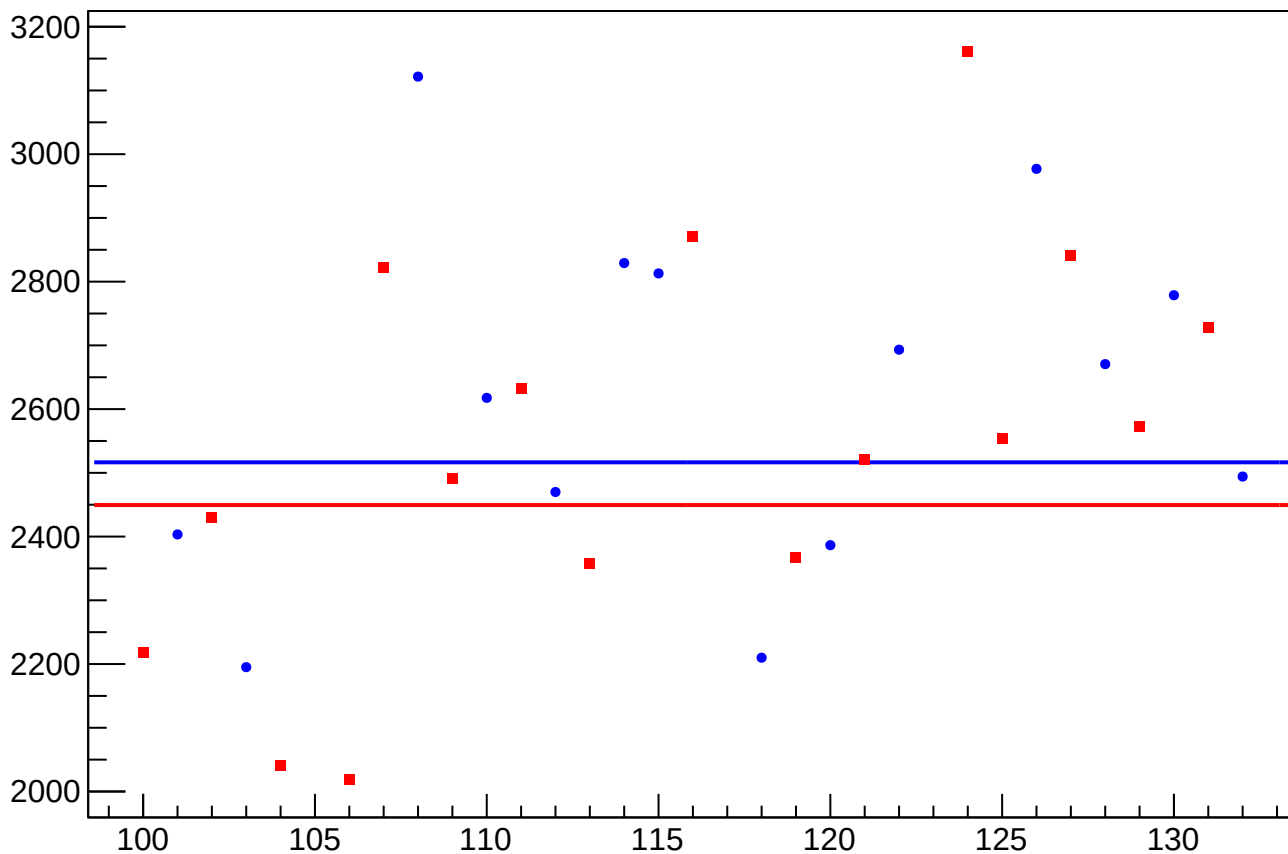
Right: 25.054+/-0.713 χ^2/NDF : 1099.1/29

In: 28.533+/-1.038 χ^2/NDF : 527.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.054+/-0.713 χ^2/NDF : 1099.1/29

diff_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 2516.504+/-0.734 χ^2/NDF : 123995.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2449.414+/-0.695 χ^2/NDF : 143529.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

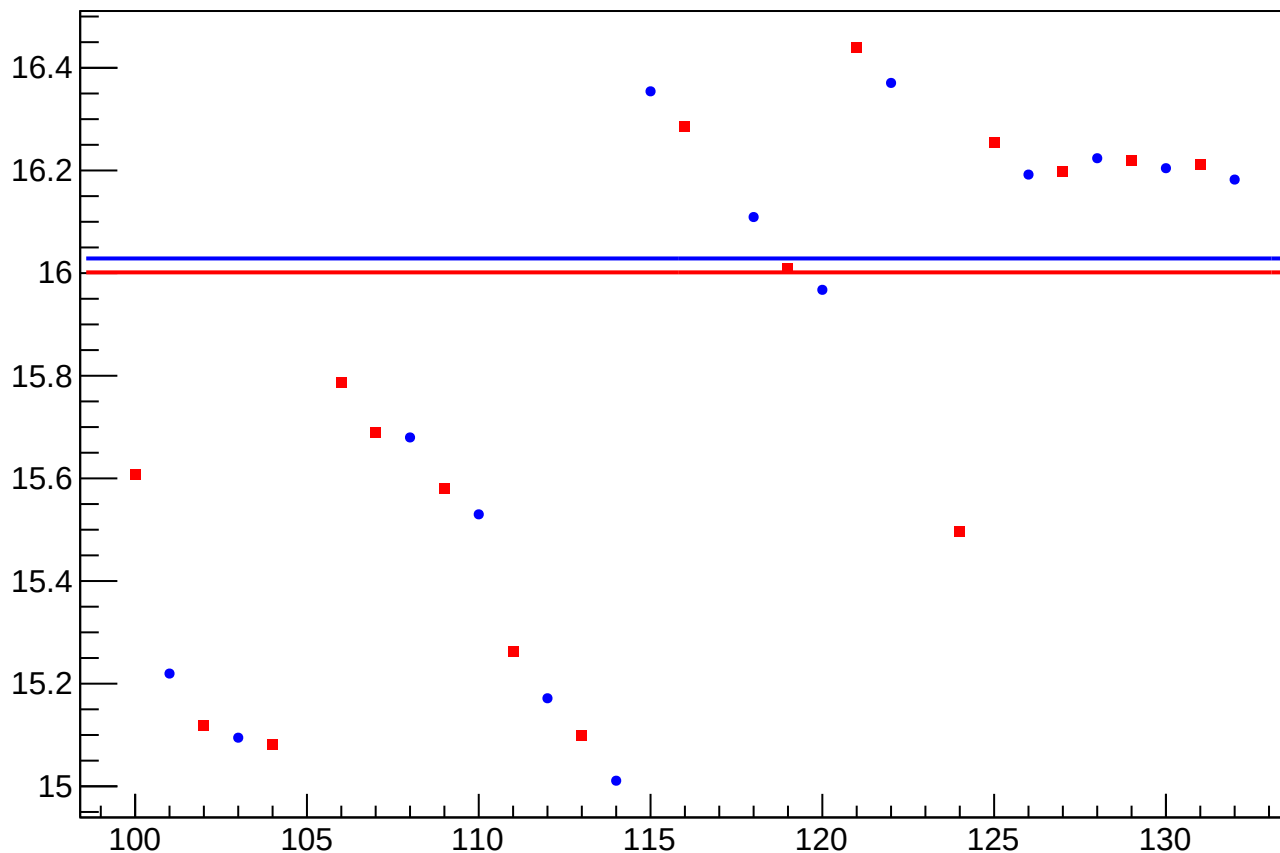
Right: 2481.117+/-0.504 χ^2/NDF : 271934.3/29

In: 2516.504+/-0.734 χ^2/NDF : 123995.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2481.117+/-0.504 χ^2/NDF : 271934.3/29

yield_sam1_mean vs Slug, Sign Corrected



Right In: 16.029+/-0.000 χ^2/NDF : 2710335947.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.001+/-0.000 χ^2/NDF : 3287808970.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

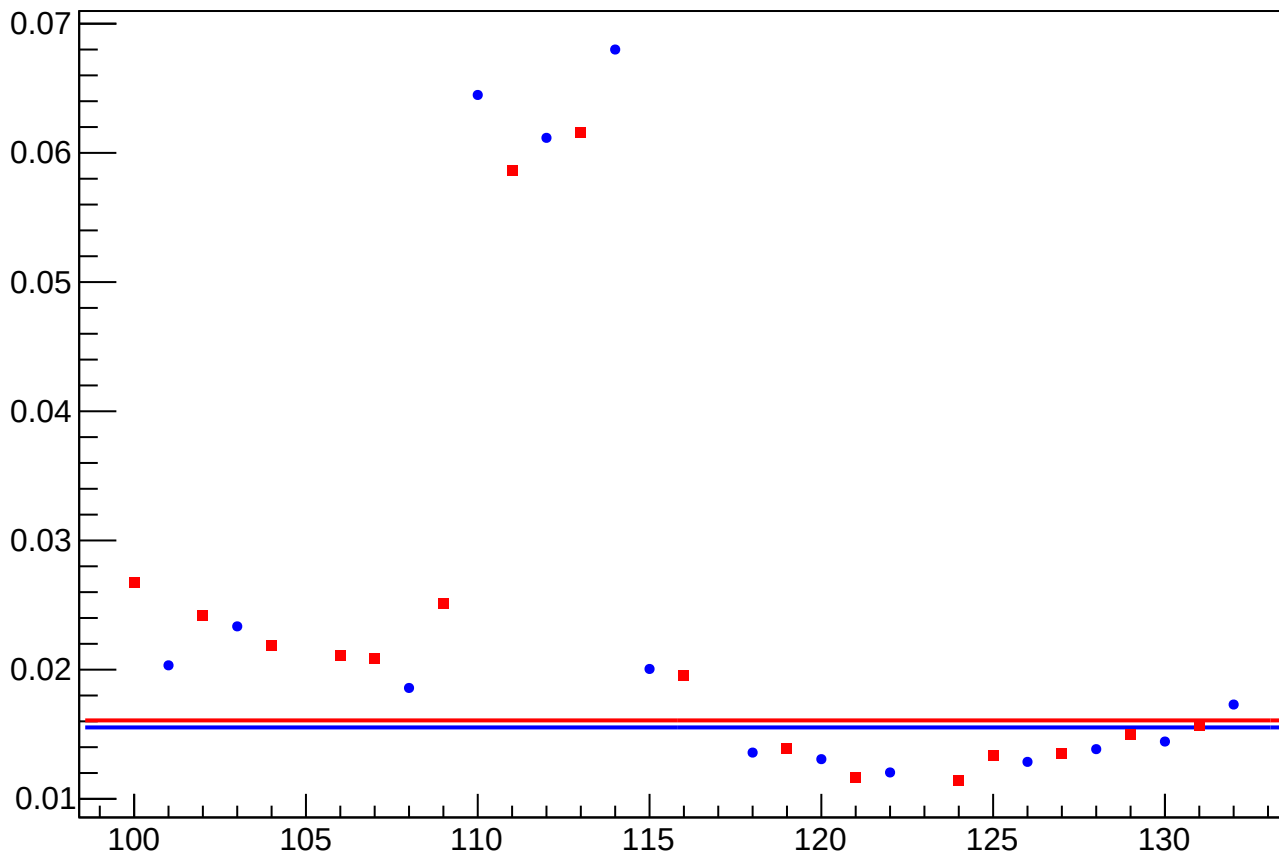
Right: 16.015+/-0.000 χ^2/NDF : 6005345521.1/29

In: 16.029+/-0.000 χ^2/NDF : 2710335947.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.015+/-0.000 χ^2/NDF : 6005345521.1/29

yield_sam1_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 1422453.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 1568229.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

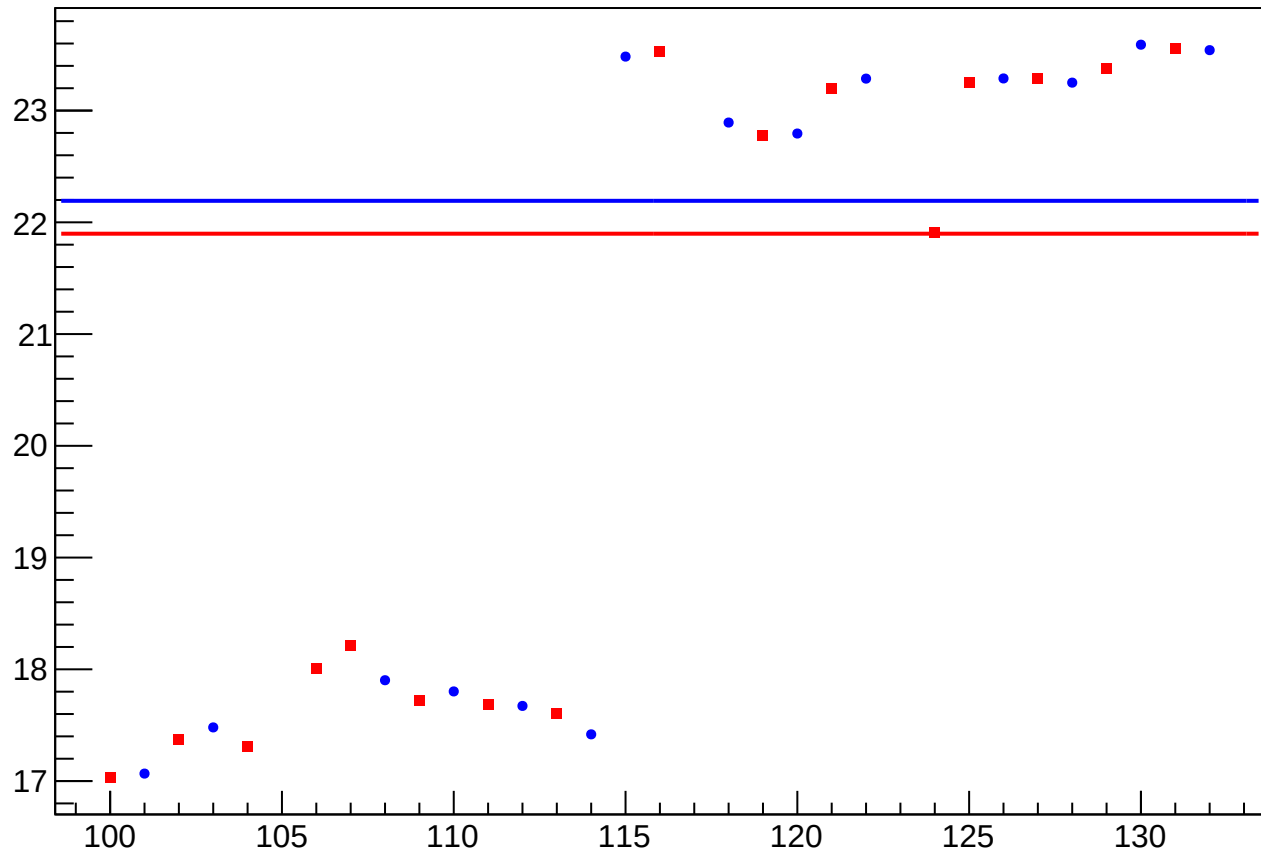
Right: 0.016+/-0.000 χ^2/NDF : 2996468.7/29

In: 0.016+/-0.000 χ^2/NDF : 1422453.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 2996468.7/29

yield_sam2_mean vs Slug, Sign Corrected



Right In: 22.192+/-0.000 χ^2/NDF : 1051821644.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.898+/-0.000 χ^2/NDF : 1069404566.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

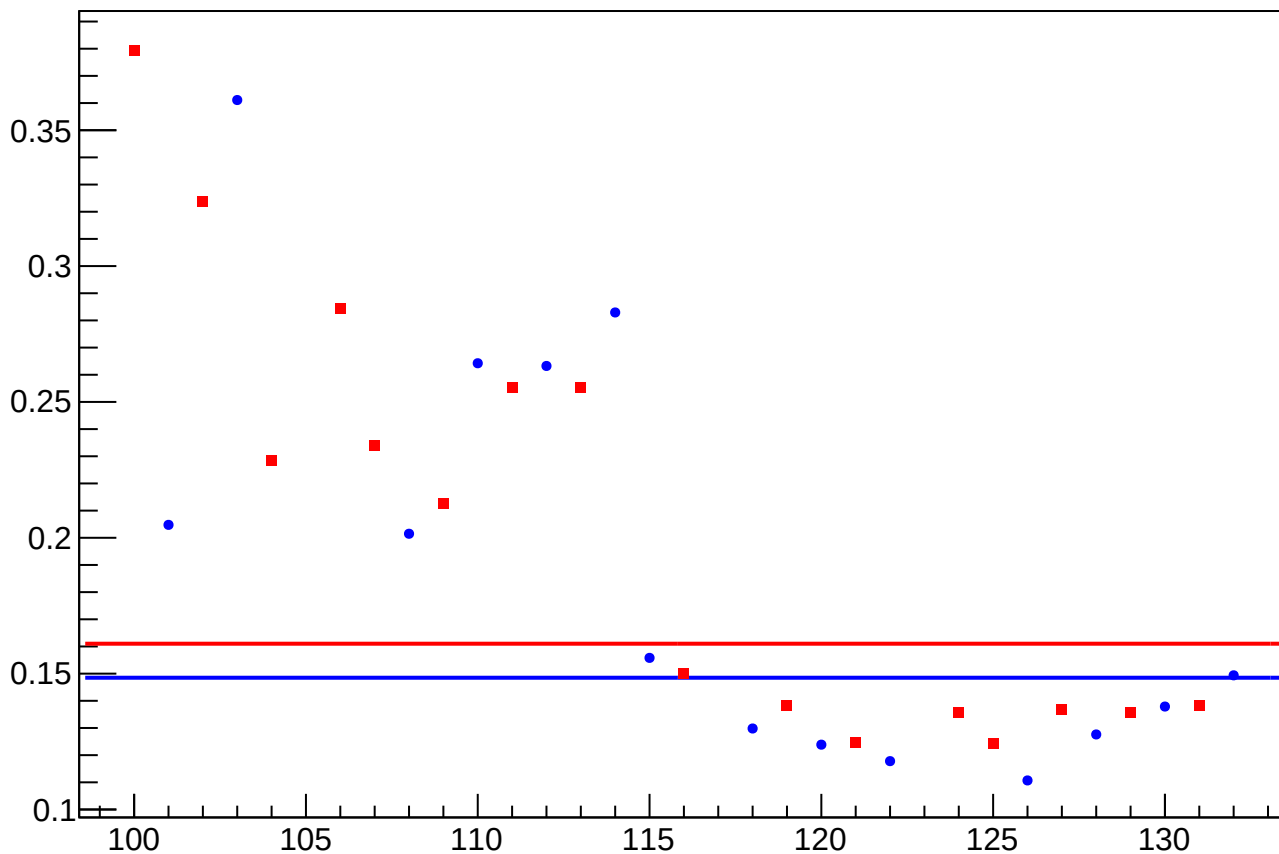
Right: 22.052+/-0.000 χ^2/NDF : 2129991623.1/29

In: 22.192+/-0.000 χ^2/NDF : 1051821644.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.052+/-0.000 χ^2/NDF : 2129991623.1/29

yield_sam2_rms vs Slug, Sign Corrected



Right In: 0.148+/-0.000 χ^2/NDF : 1092090.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.161+/-0.000 χ^2/NDF : 1066344.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

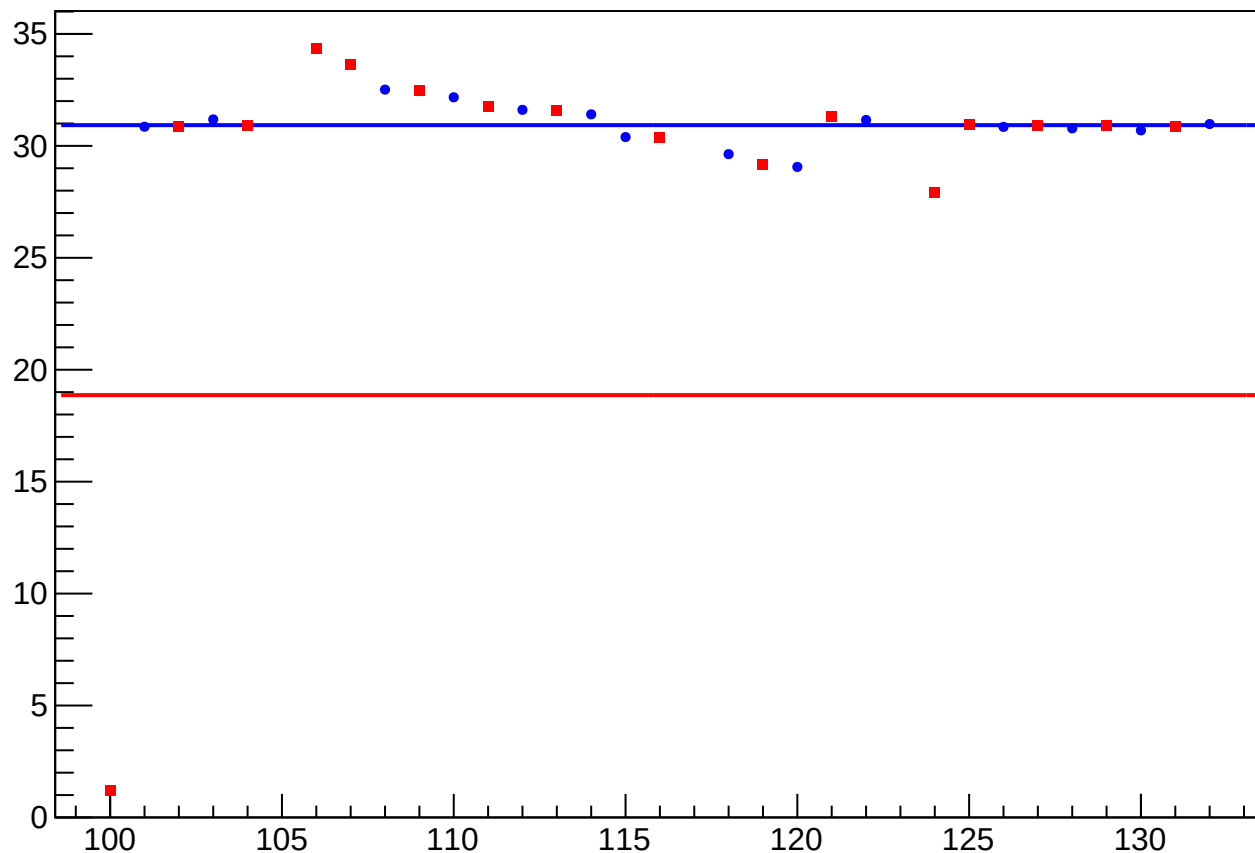
Right: 0.154+/-0.000 χ^2/NDF : 2190174.4/29

In: 0.148+/-0.000 χ^2/NDF : 1092090.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.154+/-0.000 χ^2/NDF : 2190174.4/29

yield_sam3_mean vs Slug, Sign Corrected



Right In: 30.926+/-0.000 χ^2/NDF : 353379377.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.866+/-0.000 χ^2/NDF : 207099093590.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

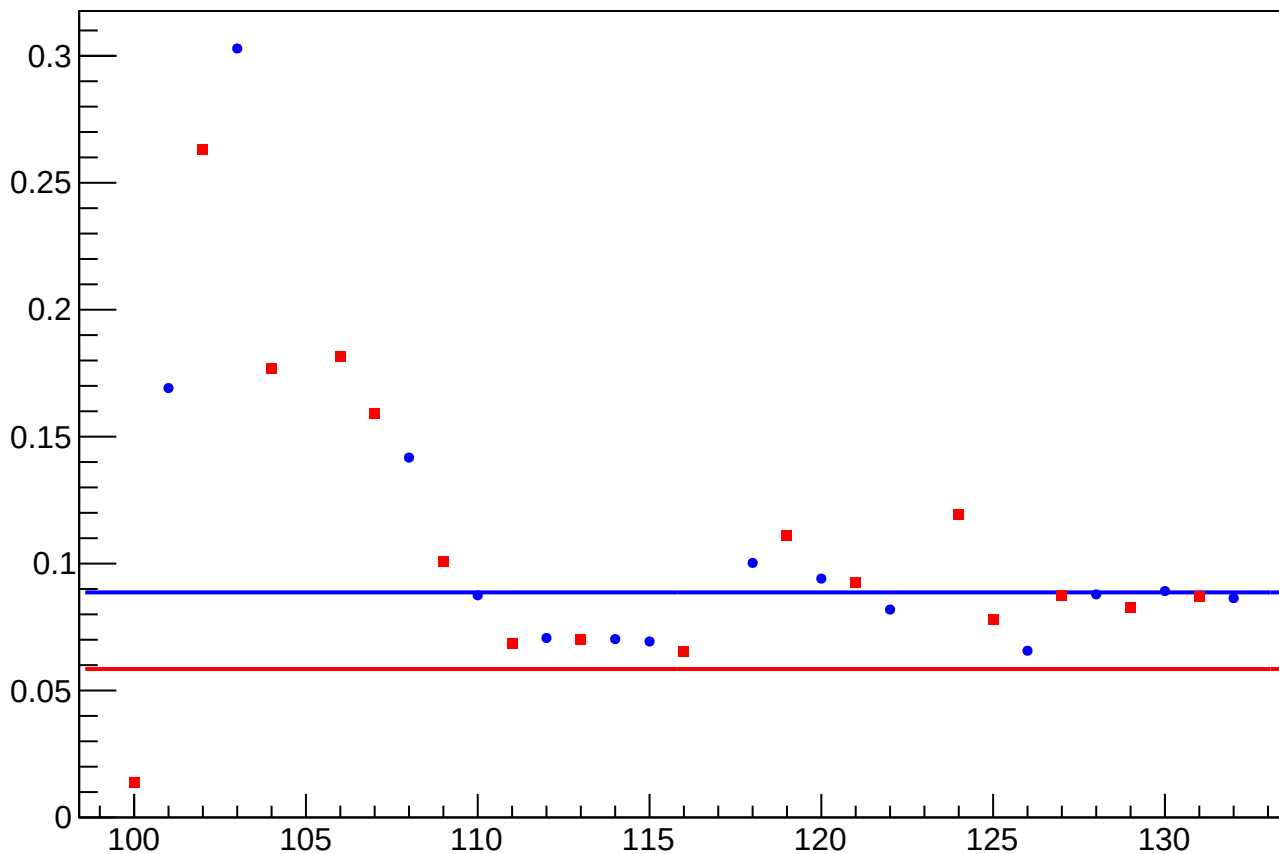
Right: 23.324+/-0.000 χ^2/NDF : 258674699377.0/29

In: 30.926+/-0.000 χ^2/NDF : 353379377.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.324+/-0.000 χ^2/NDF : 258674699377.0/29

yield_sam3_rms vs Slug, Sign Corrected



Right In: 0.089+/-0.000 χ^2/NDF : 1094706.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.058+/-0.000 χ^2/NDF : 3808997.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

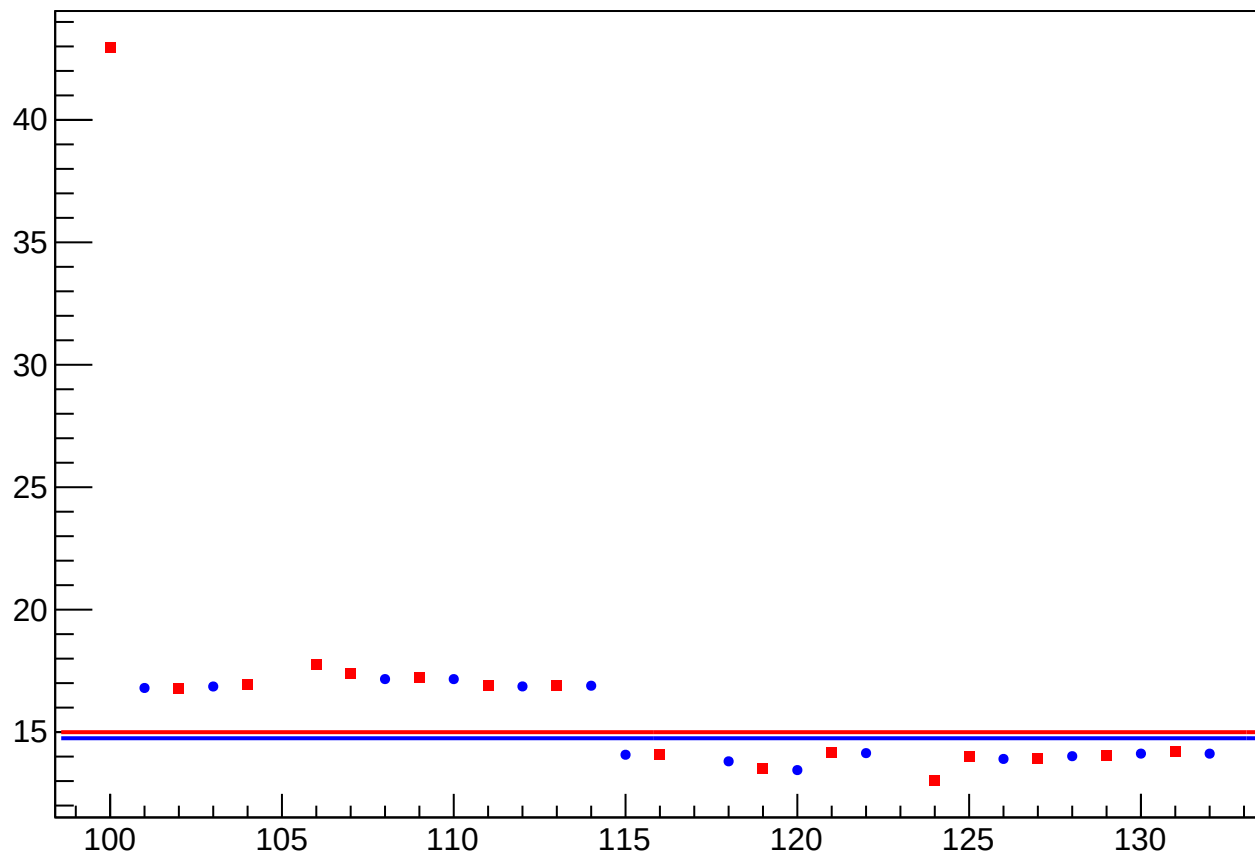
Right: 0.070+/-0.000 χ^2/NDF : 5545357.6/29

In: 0.089+/-0.000 χ^2/NDF :1094706.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

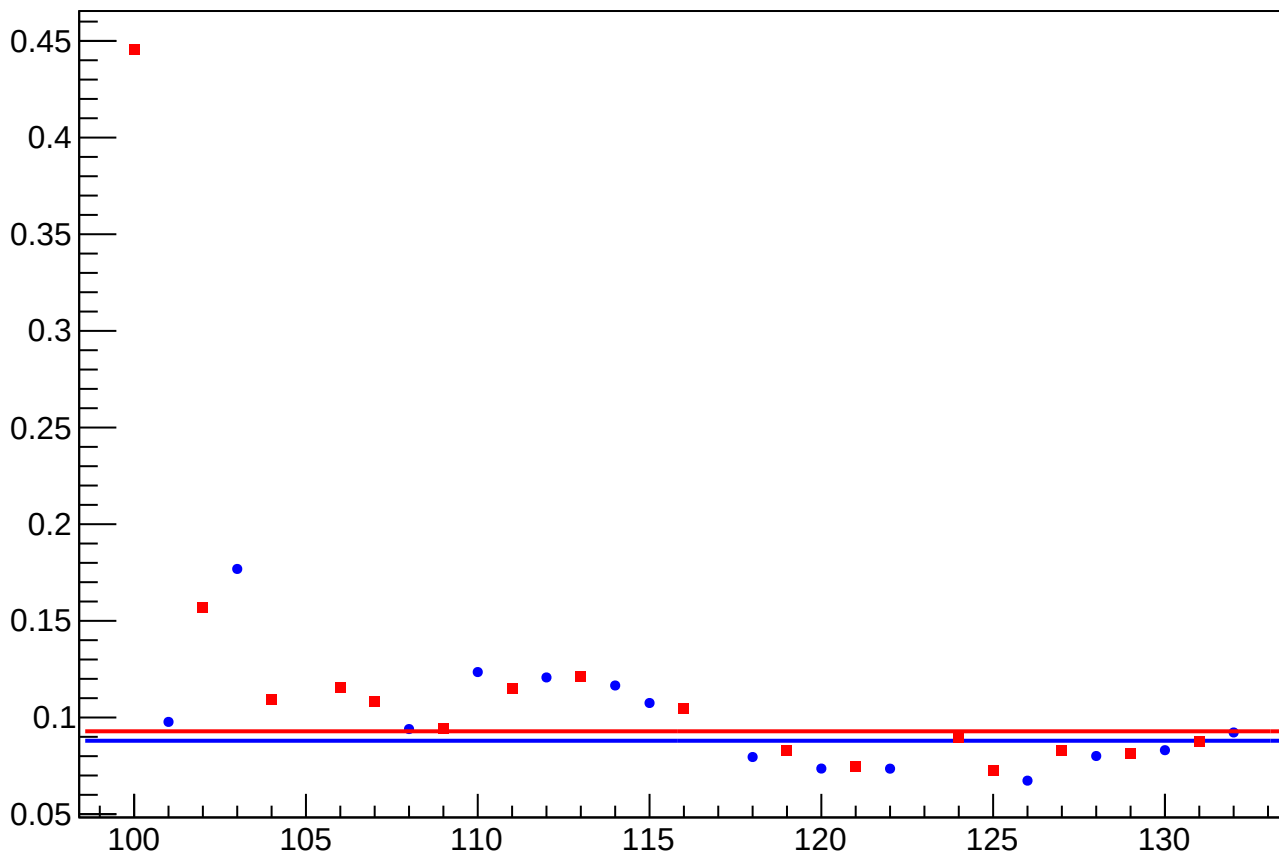
All: 0.070+/-0.000 χ^2/NDF : 5545357.6/29

yield_sam4_mean vs Slug, Sign Corrected



Right In: 14.749+/-0.000 χ^2/NDF : 1168054219.2/13
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 14.996+/-0.000 χ^2/NDF : 1689693546.5/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 14.869+/-0.000 χ^2/NDF : 2876964564.0/29
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 14.869+/-0.000 χ^2/NDF : 2876964564.0/29
 In: 14.749+/-0.000 χ^2/NDF : 1168054219.2/13
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam4_rms vs Slug, Sign Corrected



Right In: 0.088+/-0.000 χ^2/NDF : 593637.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.093+/-0.000 χ^2/NDF : 552021.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

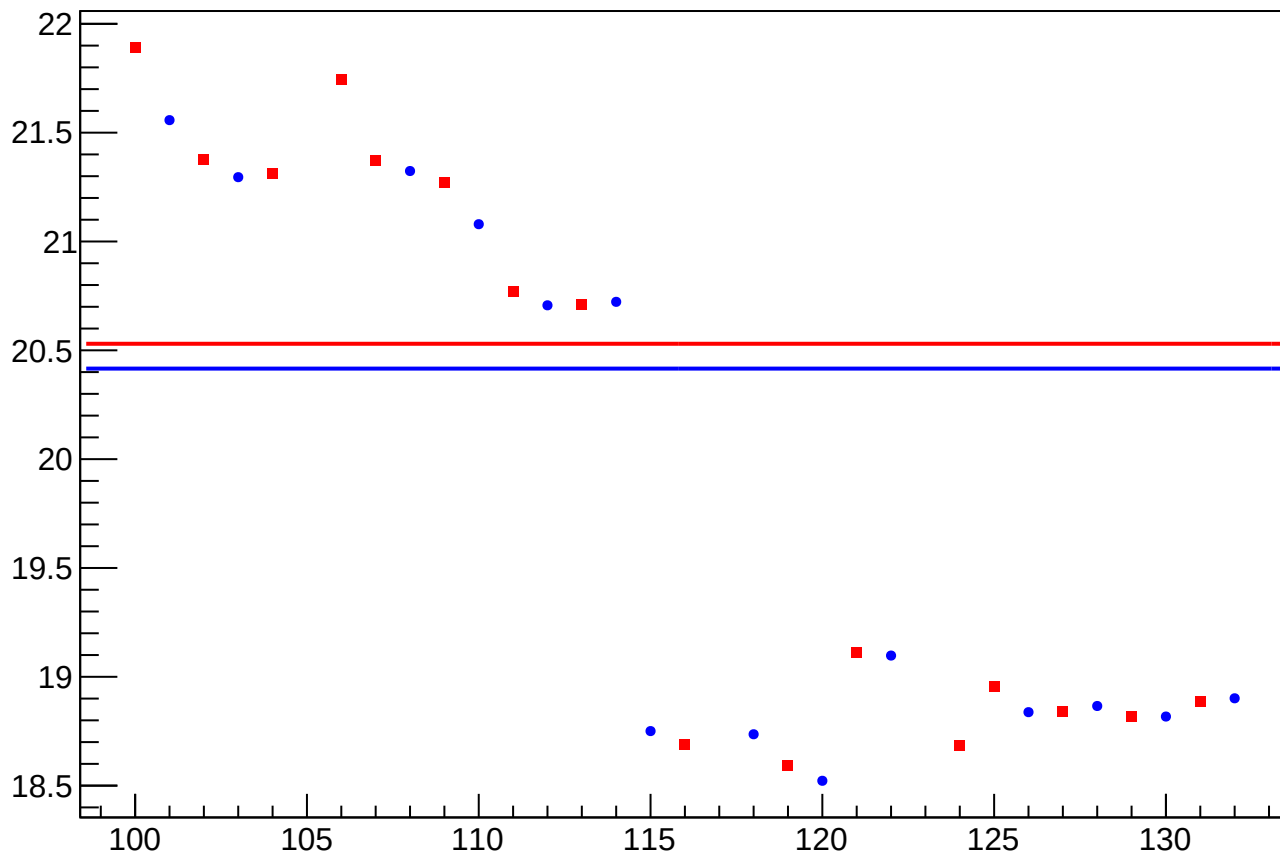
Right: 0.090+/-0.000 χ^2/NDF : 1160635.2/29

In: 0.088+/-0.000 χ^2/NDF : 593637.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.090+/-0.000 χ^2/NDF : 1160635.2/29

yield_sam5_mean vs Slug, Sign Corrected



Right In: 20.416+/-0.000 χ^2/NDF : 7528314541.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.530+/-0.000 χ^2/NDF : 7344661722.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

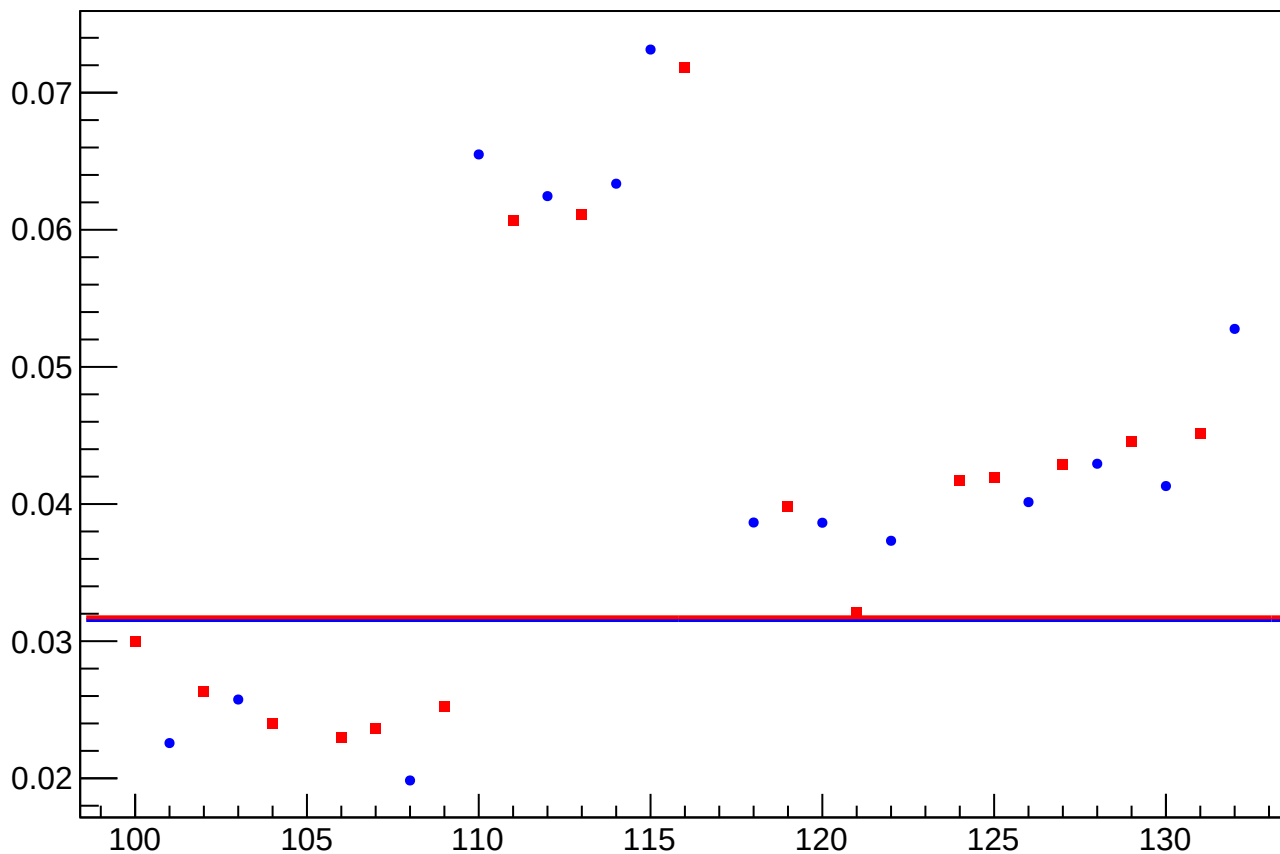
Right: 20.475+/-0.000 χ^2/NDF : 14905434734.2/29

In: 20.416+/-0.000 χ^2/NDF : 7528314541.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.475+/-0.000 χ^2/NDF : 14905434734.2

yield_sam5_rms vs Slug, Sign Corrected



Right In: 0.032+/-0.000 χ^2/NDF : 1379932.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.032+/-0.000 χ^2/NDF : 1166791.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

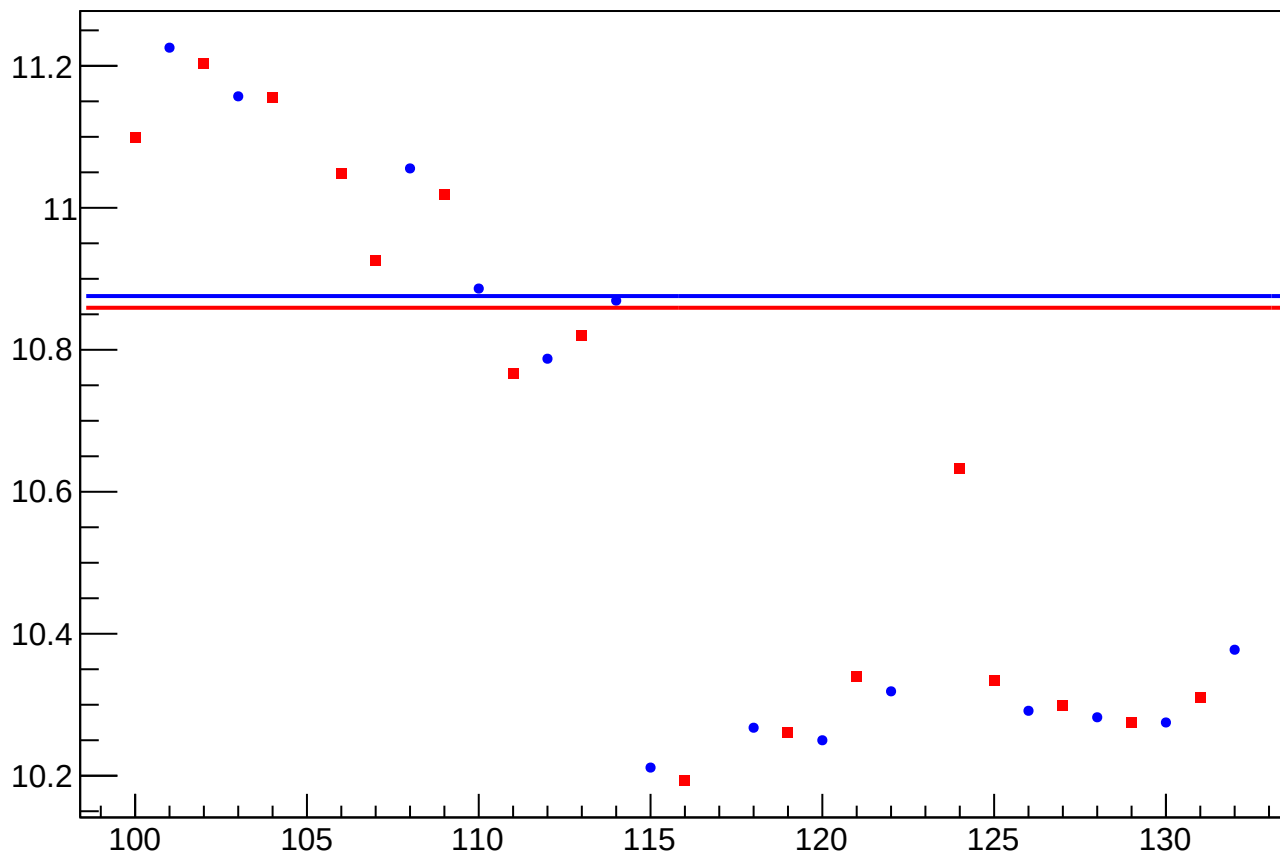
Right: 0.032+/-0.000 χ^2/NDF : 2546913.8/29

In: 0.032+/-0.000 χ^2/NDF : 1379932.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.032+/-0.000 χ^2/NDF : 2546913.8/29

yield_sam6_mean vs Slug, Sign Corrected



Right In: 10.876+/-0.000 χ^2/NDF : 3555372175.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.859+/-0.000 χ^2/NDF : 2737223320.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

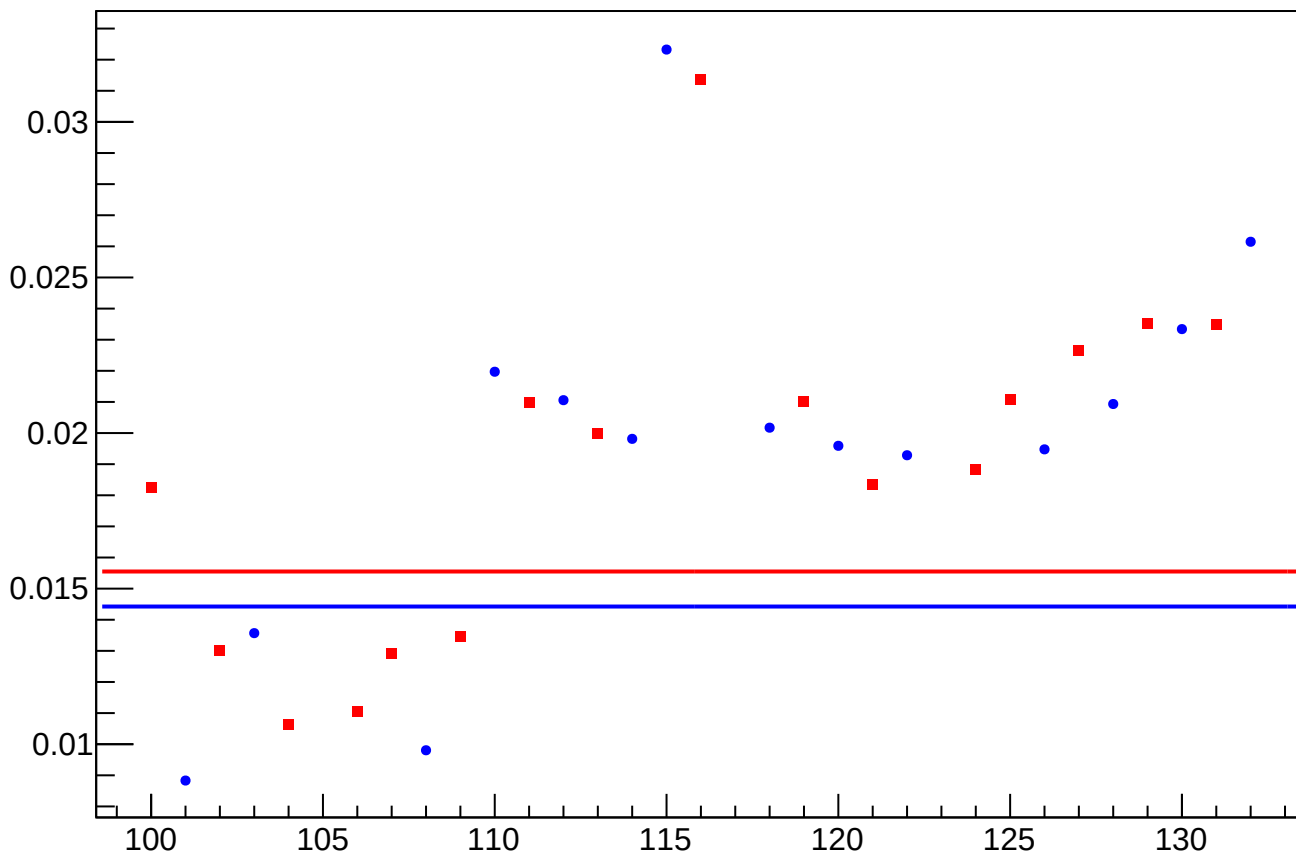
Right: 10.868+/-0.000 χ^2/NDF : 6295575167.0/29

In: 10.876+/-0.000 χ^2/NDF : 3555372175.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.868+/-0.000 χ^2/NDF : 6295575167.0/29

yield_sam6_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1464686.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 994913.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

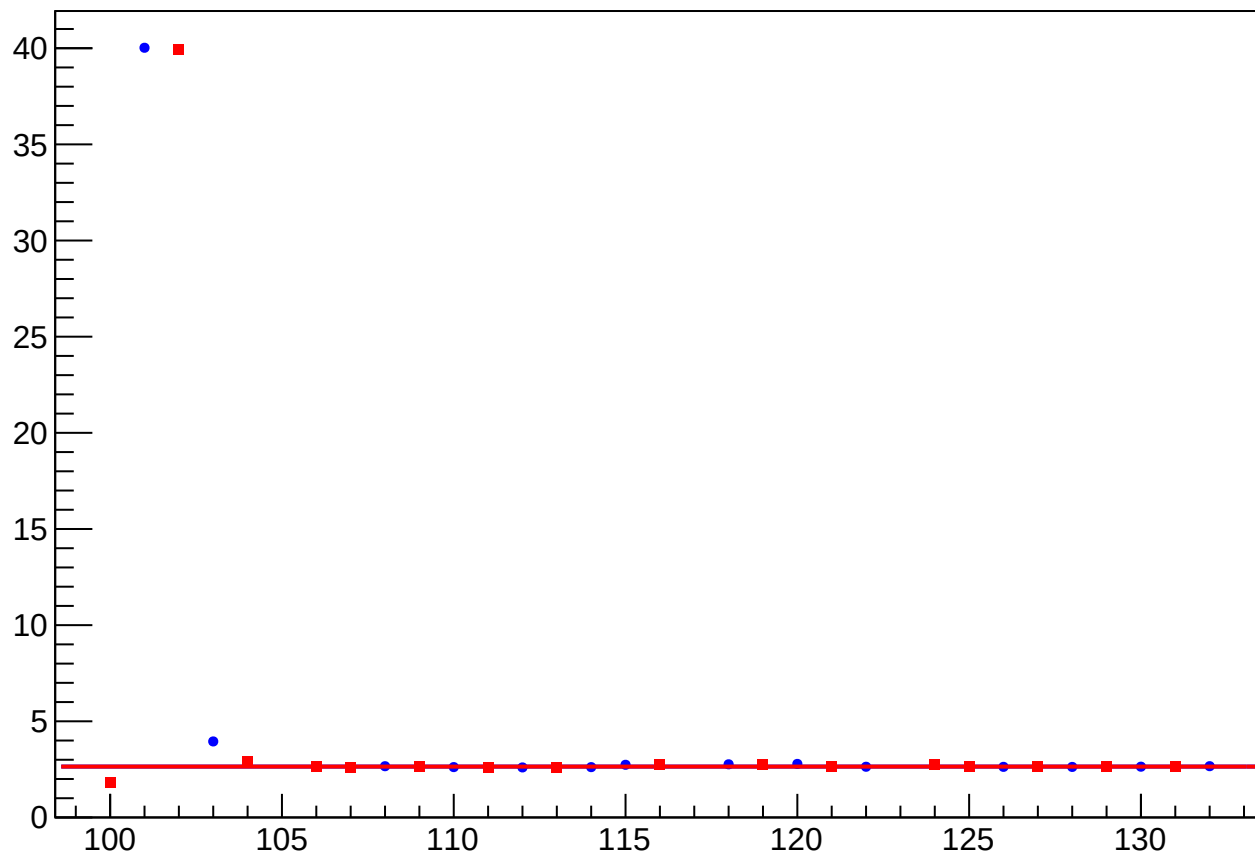
Right: 0.015+/-0.000 χ^2/NDF : 2487397.3/29

In: 0.014+/-0.000 χ^2/NDF :1464686.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.000 χ^2/NDF : 2487397.3/29

yield_sam7_mean vs Slug, Sign Corrected



Right In: 2.646+/-0.000

χ^2/NDF : 64648025390.5/13

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 2.645+/-0.000

χ^2/NDF : 127816195788.2/29

Right Out: 2.645+/-0.000

χ^2/NDF : 63167553515.1/15

In: 2.646+/-0.000

χ^2/NDF : 64648025390.5/13

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

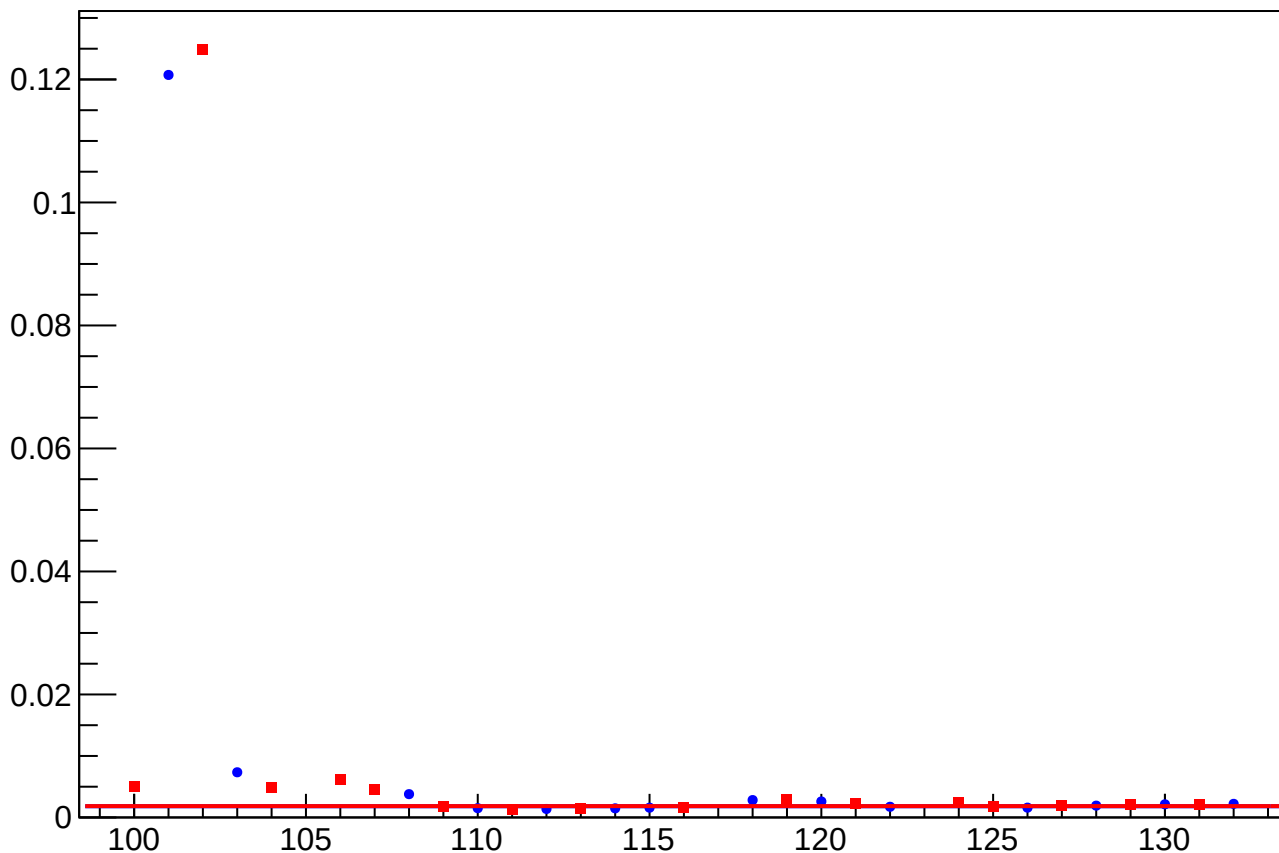
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 2.645+/-0.000

χ^2/NDF : 127816195788.2

yield_sam7_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1820875.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2390214.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

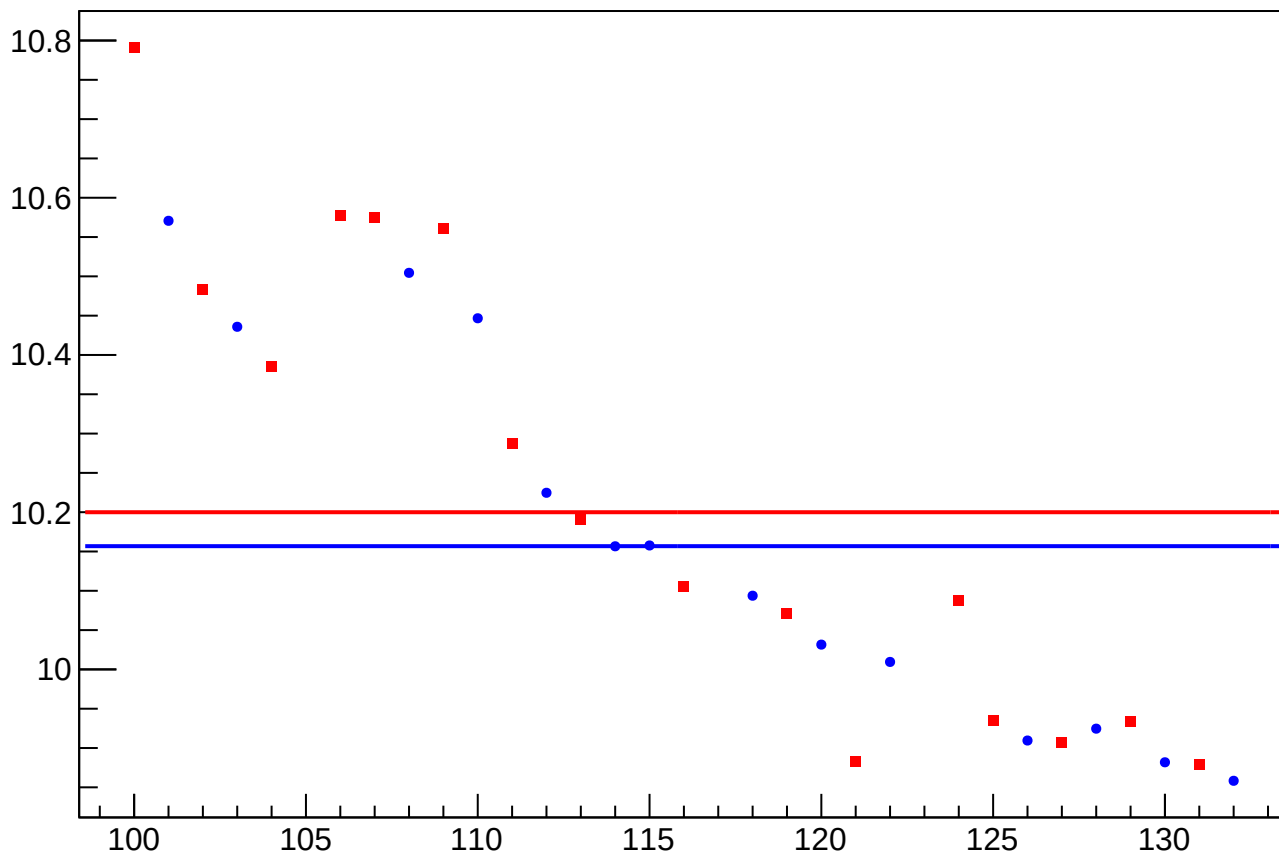
Right: 0.002+/-0.000 χ^2/NDF : 4211899.7/29

In: 0.002+/-0.000 χ^2/NDF : 1820875.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

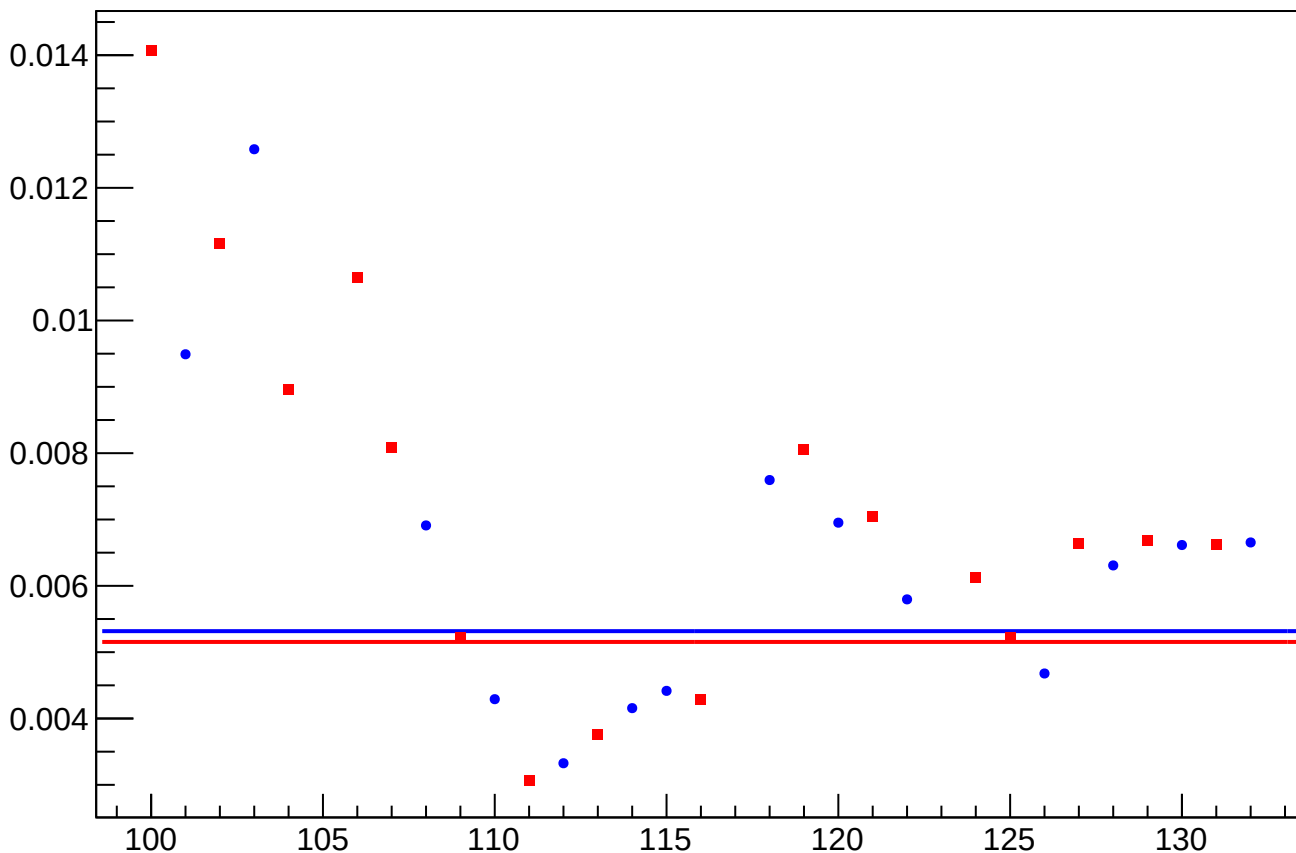
All: 0.002+/-0.000 χ^2/NDF : 4211899.7/29

yield_sam8_mean vs Slug, Sign Corrected



Right In: 10.157+/-0.000 χ^2/NDF : 6972083493.1/13
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 10.200+/-0.000 χ^2/NDF : 7689706561.8/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 10.180+/-0.000 χ^2/NDF : 14815796306.0/29
 In: 10.157+/-0.000 χ^2/NDF : 6972083493.1/13
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 10.180+/-0.000 χ^2/NDF : 14815796306.0

yield_sam8_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1245621.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1605978.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

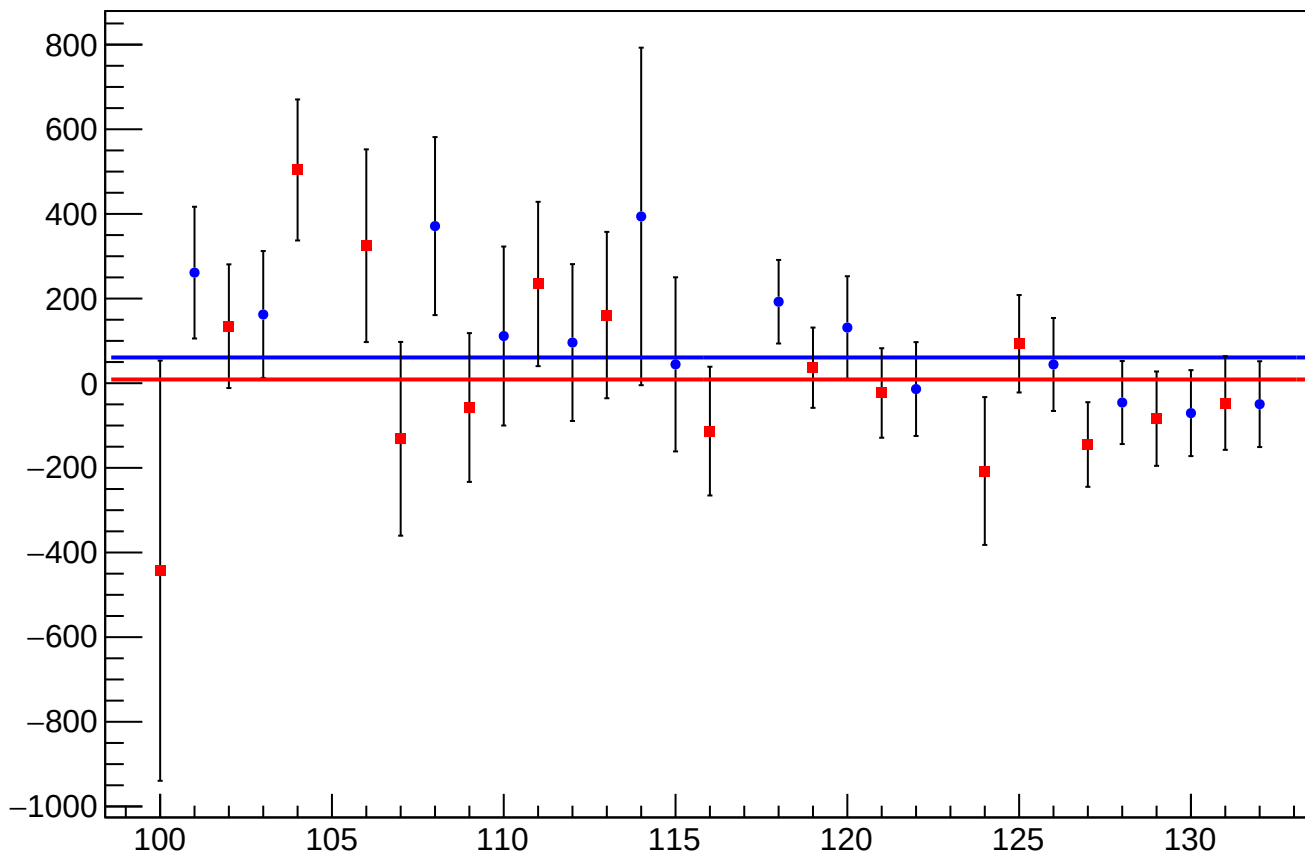
Right: 0.005+/-0.000 χ^2/NDF : 2855974.9/29

In: 0.005+/-0.000 χ^2/NDF :1245621.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2855974.9/29

reg_asym_sam1_mean vs Slug, Sign Corrected



Right In: 60.823+/-34.862 χ^2/NDF : 11.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.800+/-34.832 χ^2/NDF : 21.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

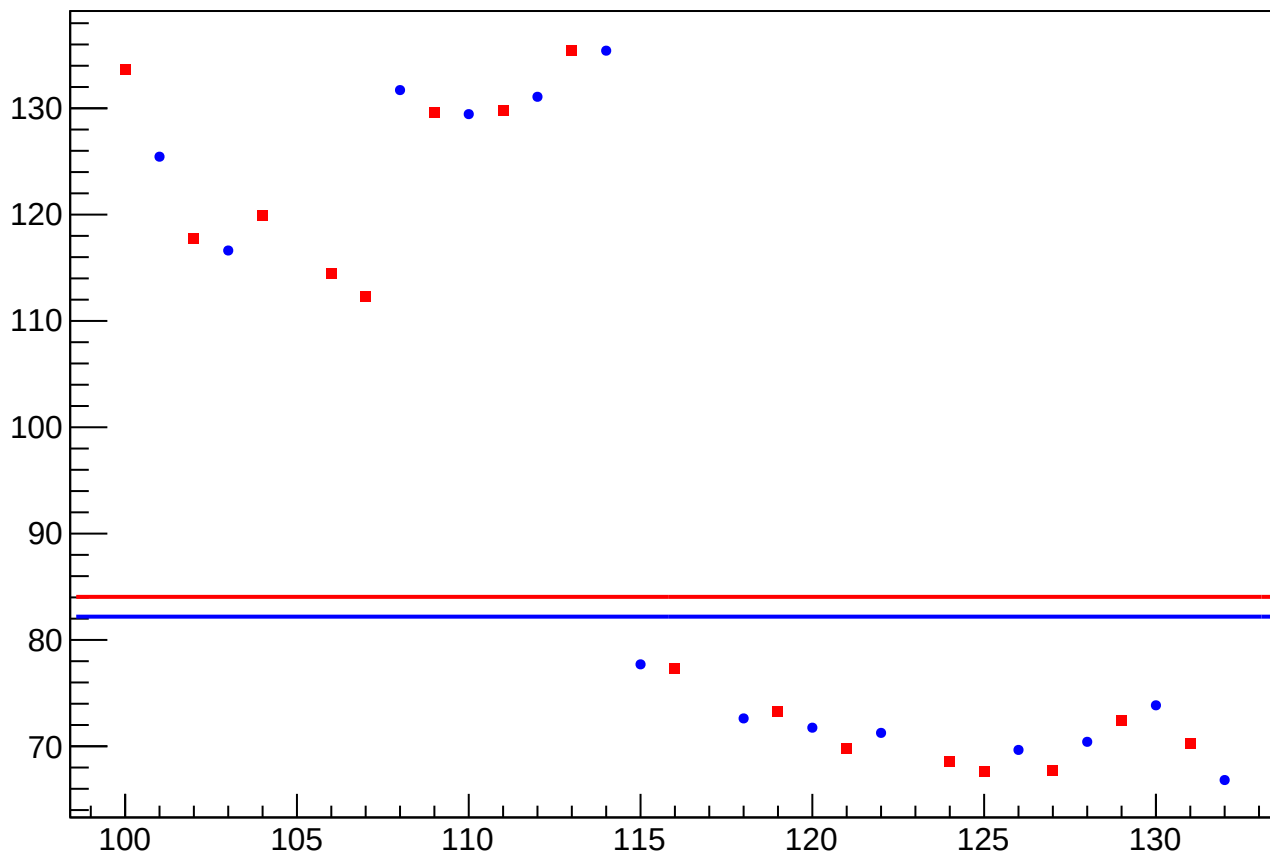
Right: 34.789+/-24.641 χ^2/NDF : 33.8/29

In: 60.823+/-34.862 χ^2/NDF : 11.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.789+/-24.641 χ^2/NDF : 33.8/29

reg_asym_sam1_rms vs Slug, Sign Corrected



Right In: 82.190+/-0.025 χ^2/NDF : 813884.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.051+/-0.025 χ^2/NDF : 896245.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

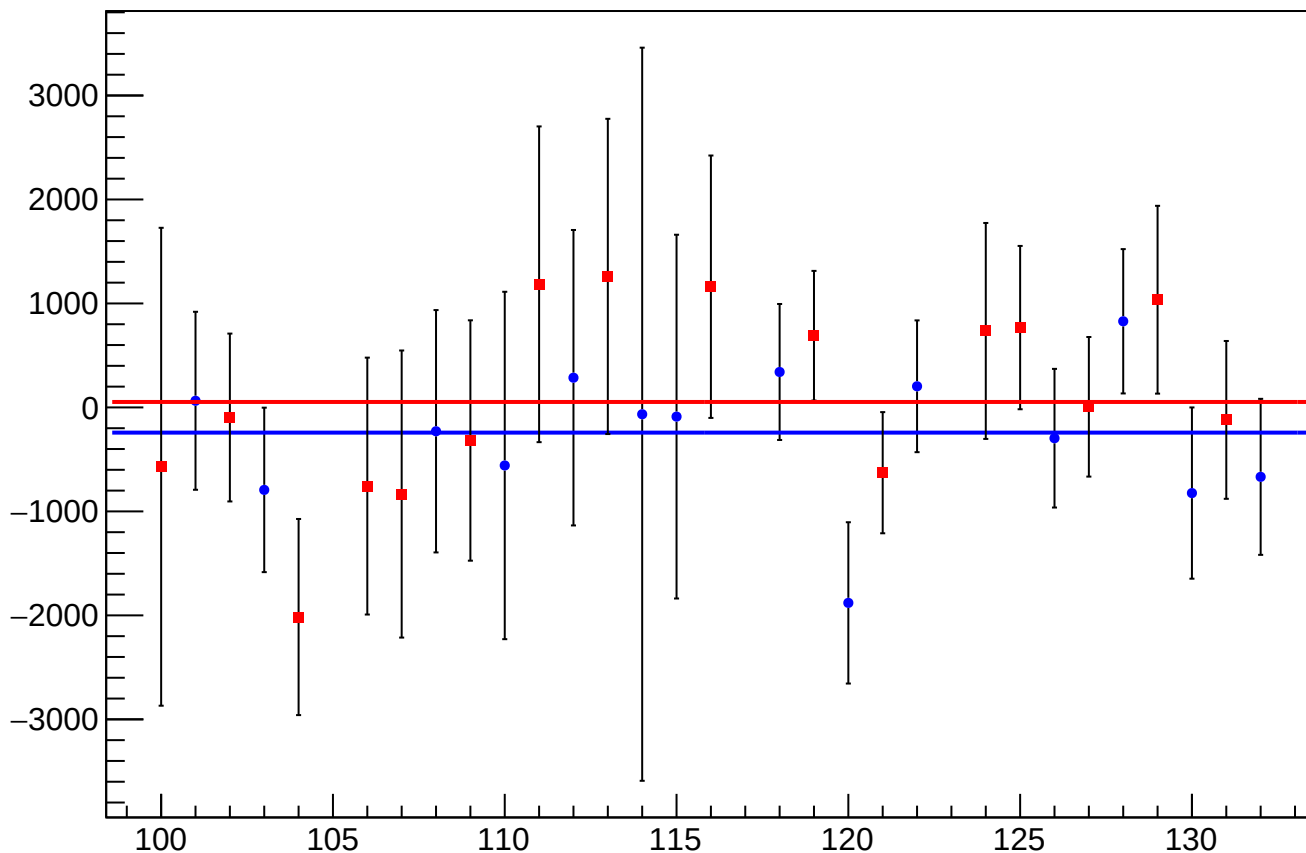
Right: 83.121+/-0.017 χ^2/NDF : 1712981.6/29

In: 82.190+/-0.025 χ^2/NDF : 813884.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.121+/-0.017 χ^2/NDF : 1712981.6/29

asym_sam1_reg_correction_mean vs Slug, Sign Corrected



Right In: -242.325+/-229.252 χ^2/NDF : 9.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.487+/-226.328 χ^2/NDF : 12.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

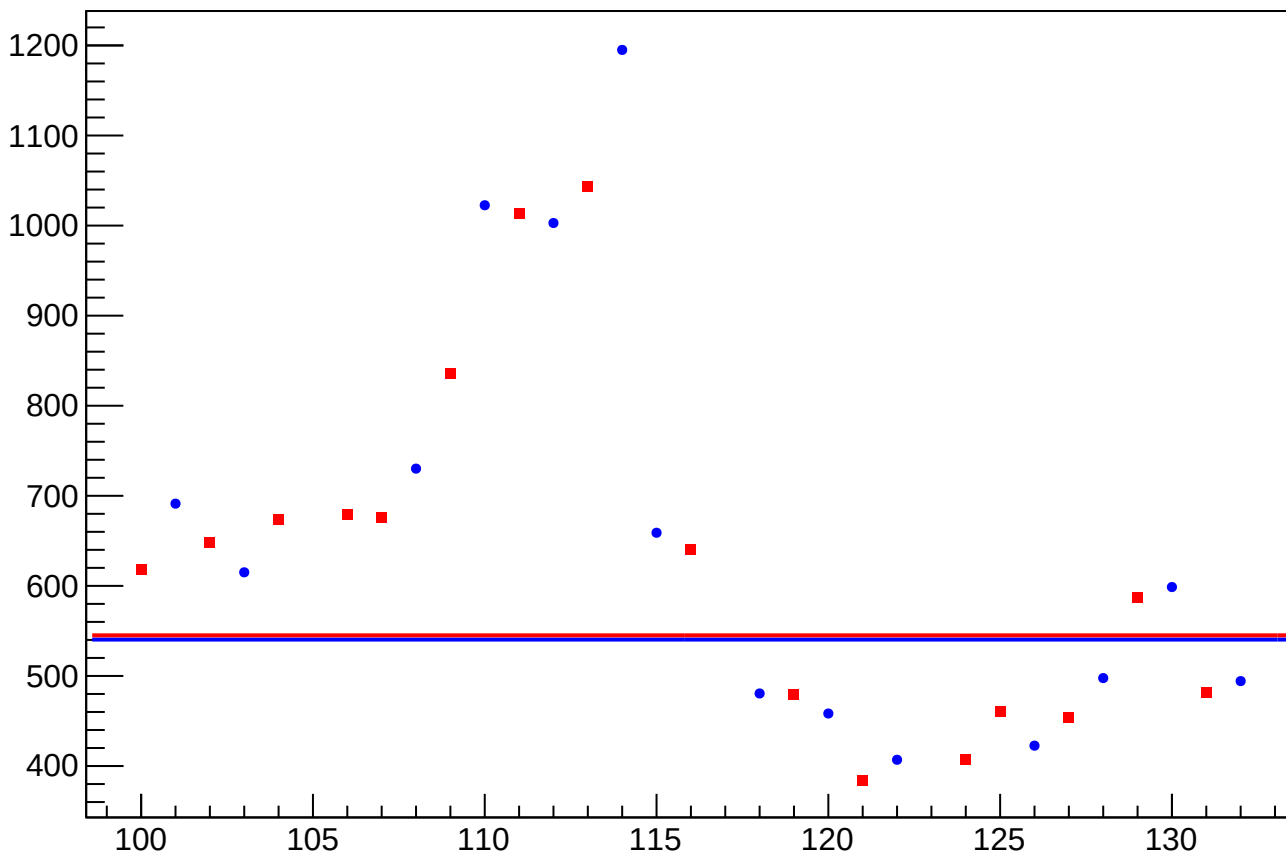
Right: -93.026+/-161.062 χ^2/NDF : 23.3/29

In: -242.325+/-229.252 χ^2/NDF : 9.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -93.026+/-161.062 χ^2/NDF : 23.3/29

asym_sam1_reg_correction_rms vs Slug, Sign Corrected



Right In: 540.398+/-0.162 χ^2/NDF : 805092.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 545.096+/-0.160 χ^2/NDF : 945718.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

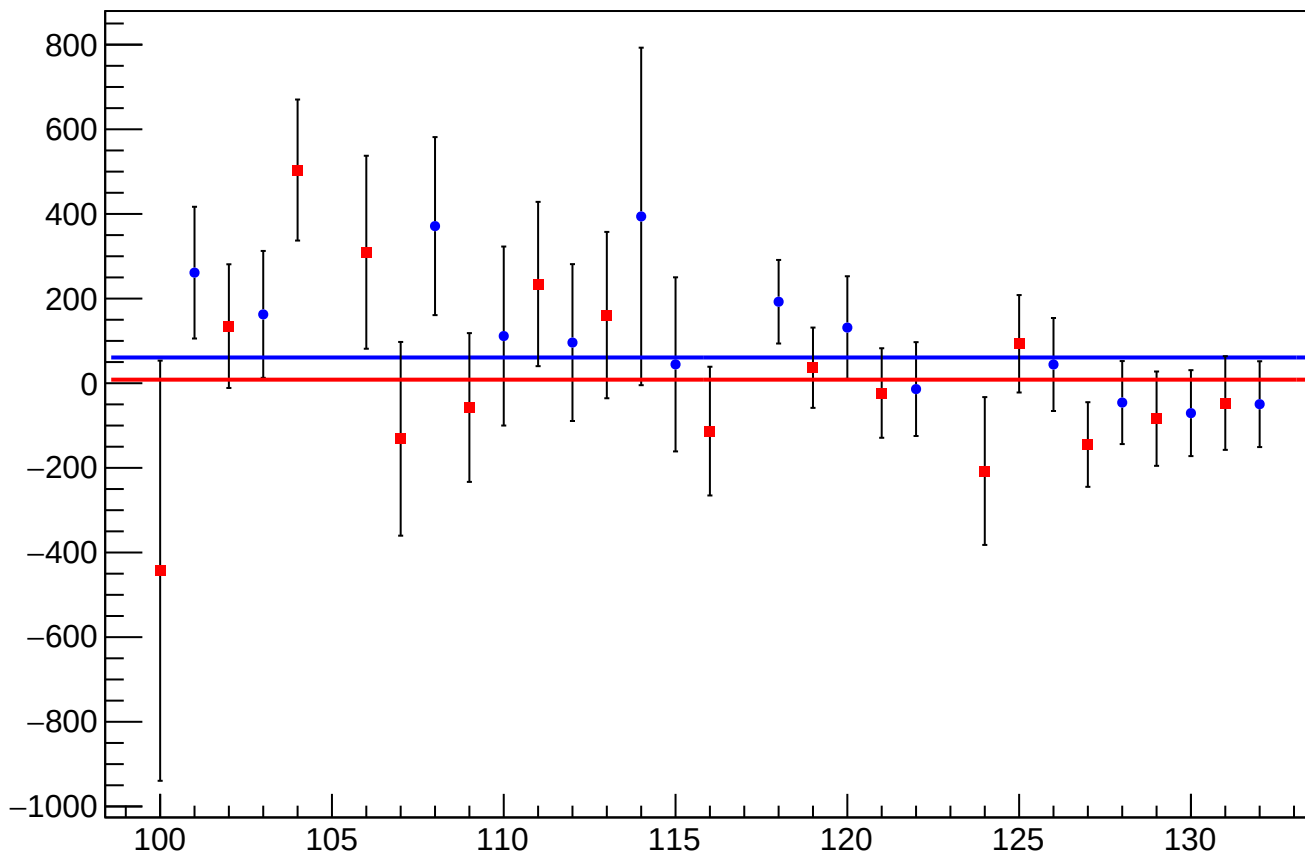
Right: 542.777+/-0.114 χ^2/NDF : 1751236.4/29

In: 540.398+/-0.162 χ^2/NDF : 805092.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 542.777+/-0.114 χ^2/NDF : 1751236.4/29

cor_asym_sam1_mean vs Slug, Sign Corrected



Right In: 60.841+/-34.862 χ^2/NDF : 11.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.430+/-34.834 χ^2/NDF : 20.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

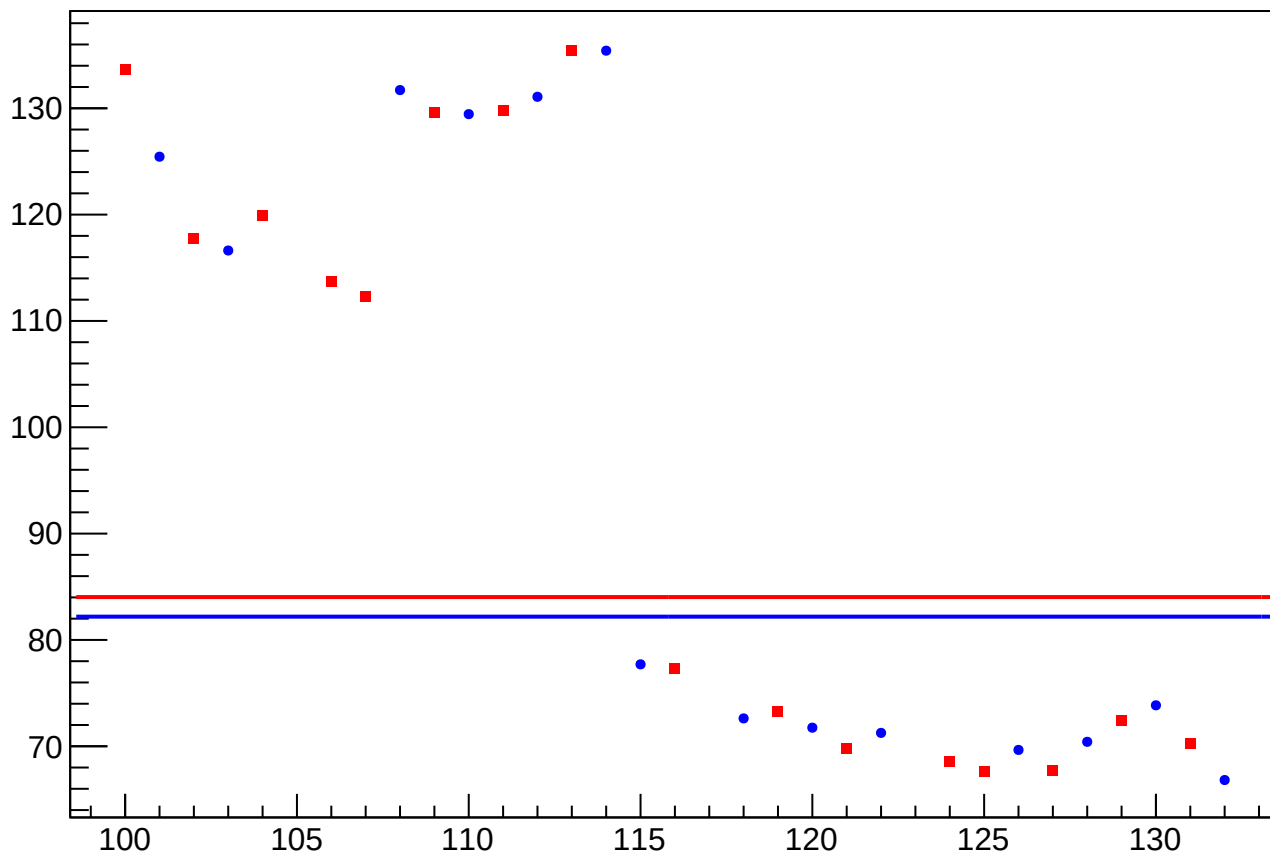
Right: 34.614+/-24.641 χ^2/NDF : 33.7/29

In: 60.841+/-34.862 χ^2/NDF : 11.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.614+/-24.641 χ^2/NDF : 33.7/29

cor_asym_sam1_rms vs Slug, Sign Corrected



Right In: 82.190+/-0.025 χ^2/NDF : 813884.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.032+/-0.025 χ^2/NDF : 894501.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

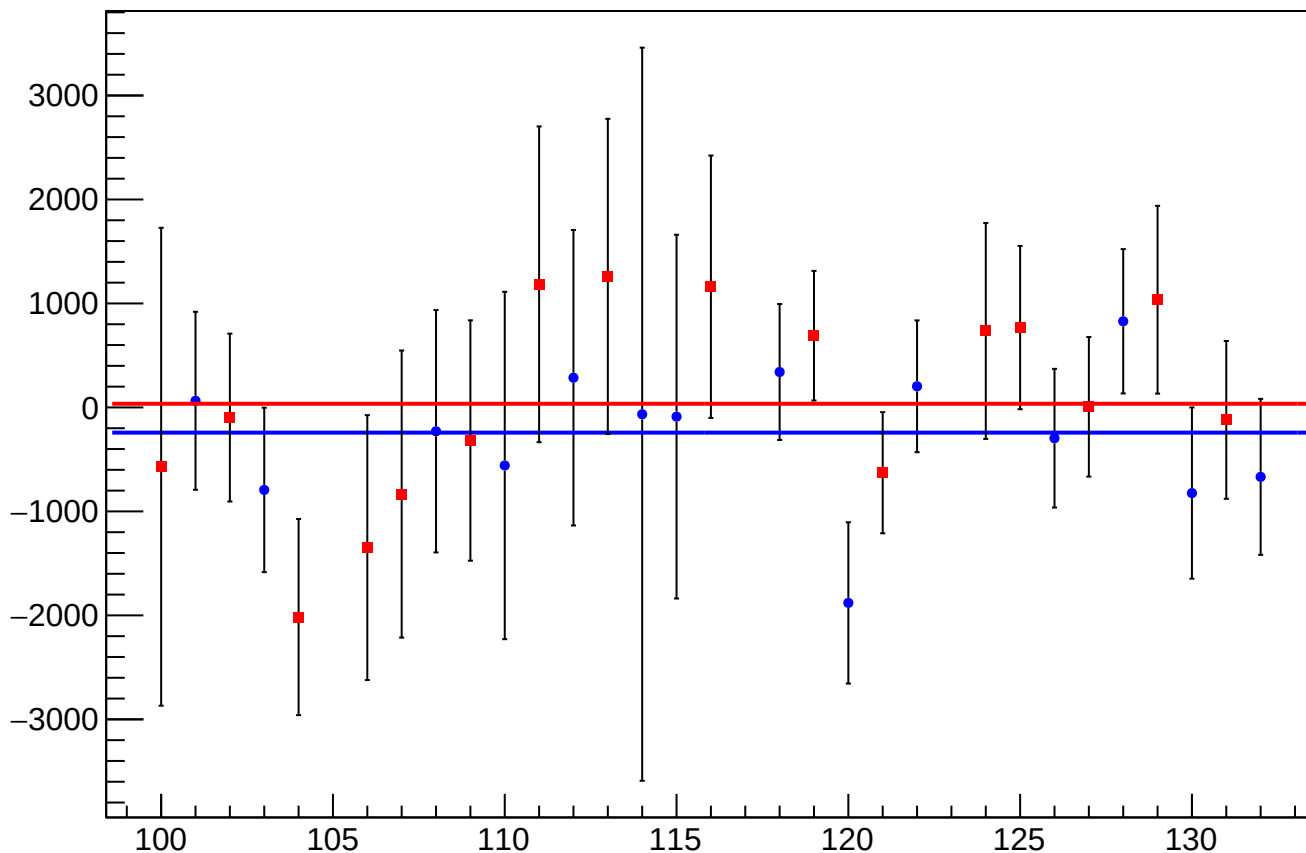
Right: 83.112+/-0.017 χ^2/NDF : 1711181.0/29

In: 82.190+/-0.025 χ^2/NDF : 813884.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.112+/-0.017 χ^2/NDF : 1711181.0/29

asym_sam1_cor_correction_mean vs Slug, Sign Corrected



Right In: -242.320+/-229.252 χ^2/NDF : 9.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.371+/-226.556 χ^2/NDF : 13.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

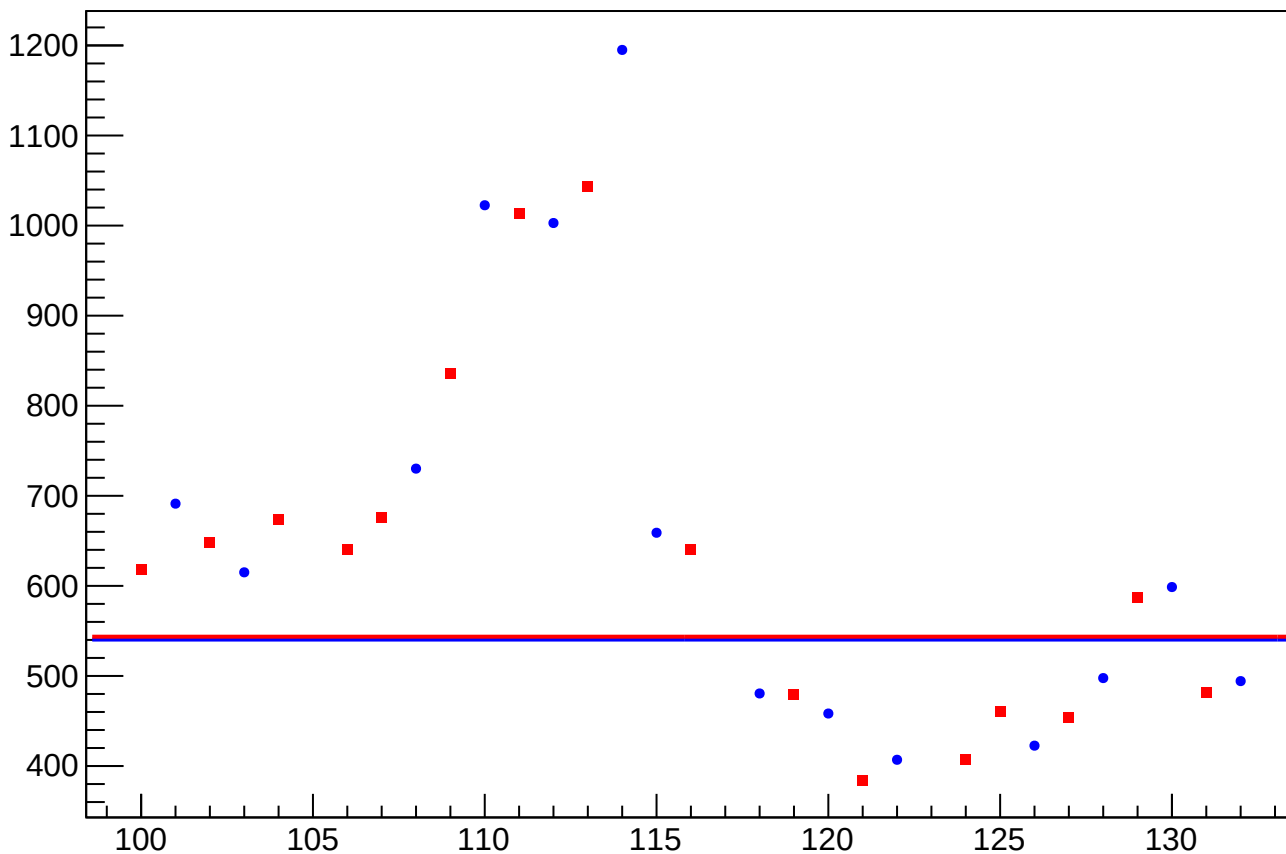
Right: -101.832+/-161.144 χ^2/NDF : 24.0/29

In: -242.320+/-229.252 χ^2/NDF : 9.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -101.832+/-161.144 χ^2/NDF : 24.0/29

asym_sam1_cor_correction_rms vs Slug, Sign Corrected



Right In: 540.398+/-0.162 χ^2/NDF : 805092.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 543.584+/-0.160 χ^2/NDF : 933099.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

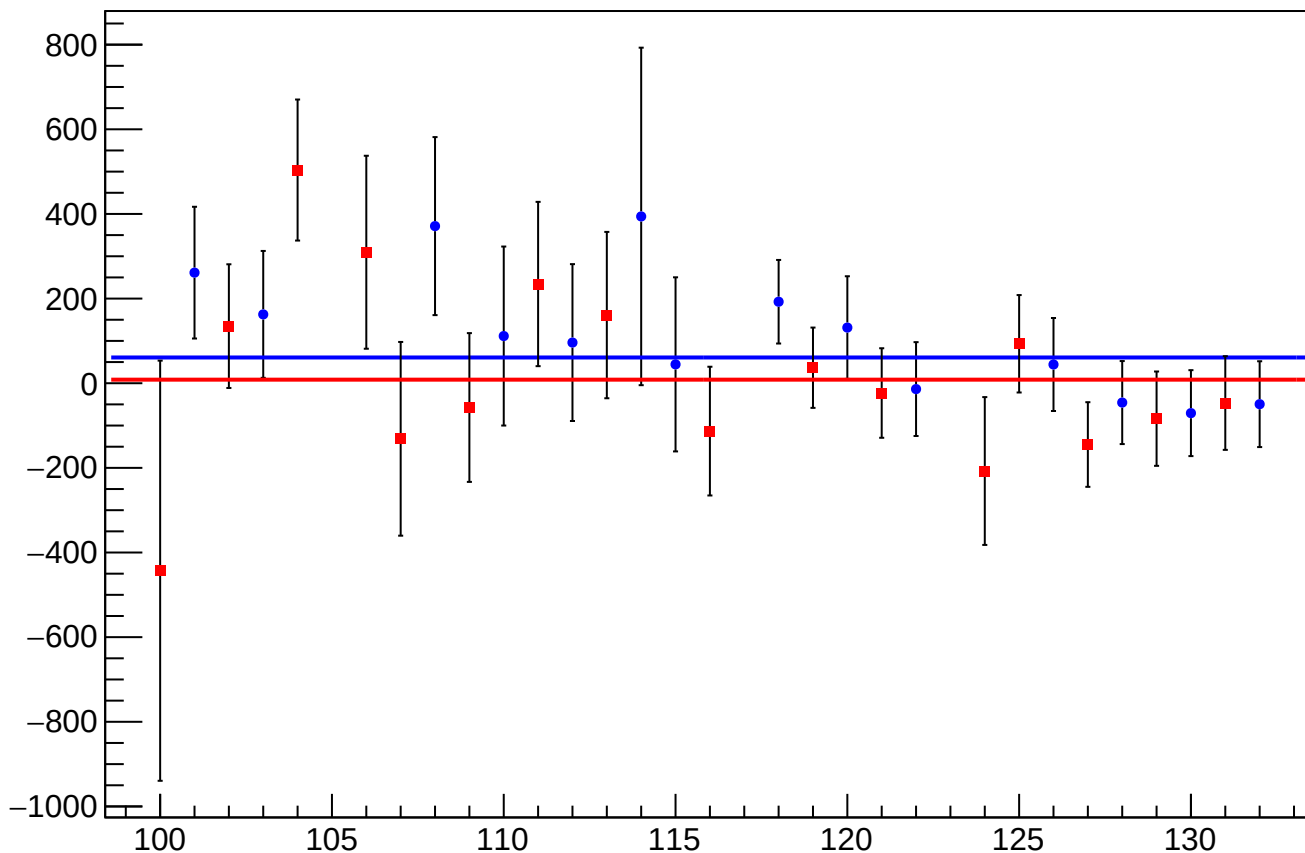
Right: 542.010+/-0.114 χ^2/NDF : 1738387.6/29

In: 540.398+/-0.162 χ^2/NDF :805092.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 542.010+/-0.114 χ^2/NDF : 1738387.6/29

eigen_cor_asym_sam1_mean vs Slug, Sign Corrected



Right In: 60.841+/-34.862 χ^2/NDF : 11.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.430+/-34.834 χ^2/NDF : 20.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

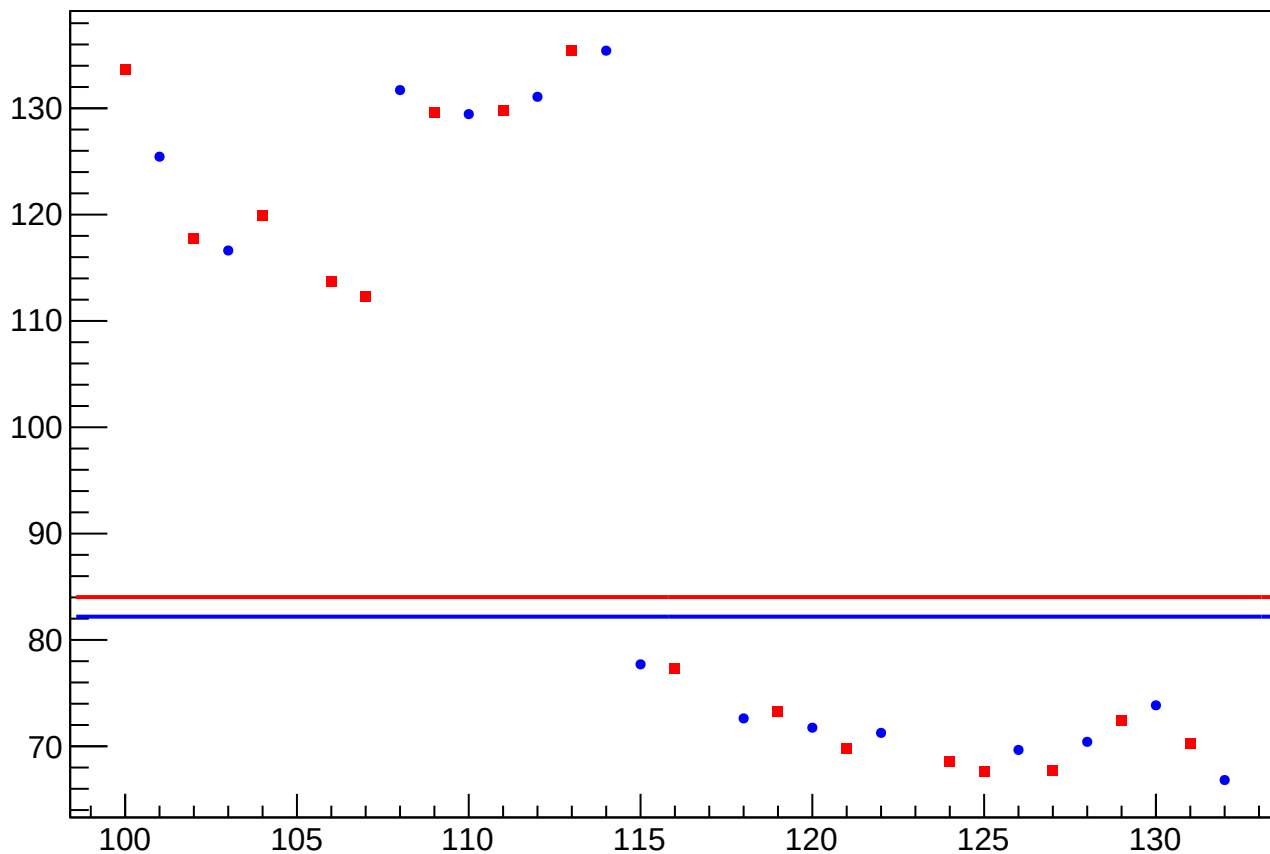
Right: 34.614+/-24.641 χ^2/NDF : 33.7/29

In: 60.841+/-34.862 χ^2/NDF : 11.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.614+/-24.641 χ^2/NDF : 33.7/29

eigen_cor_asym_sam1_rms vs Slug, Sign Corrected



Right In: 82.190+/-0.025 χ^2/NDF : 813884.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.032+/-0.025 χ^2/NDF : 894501.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

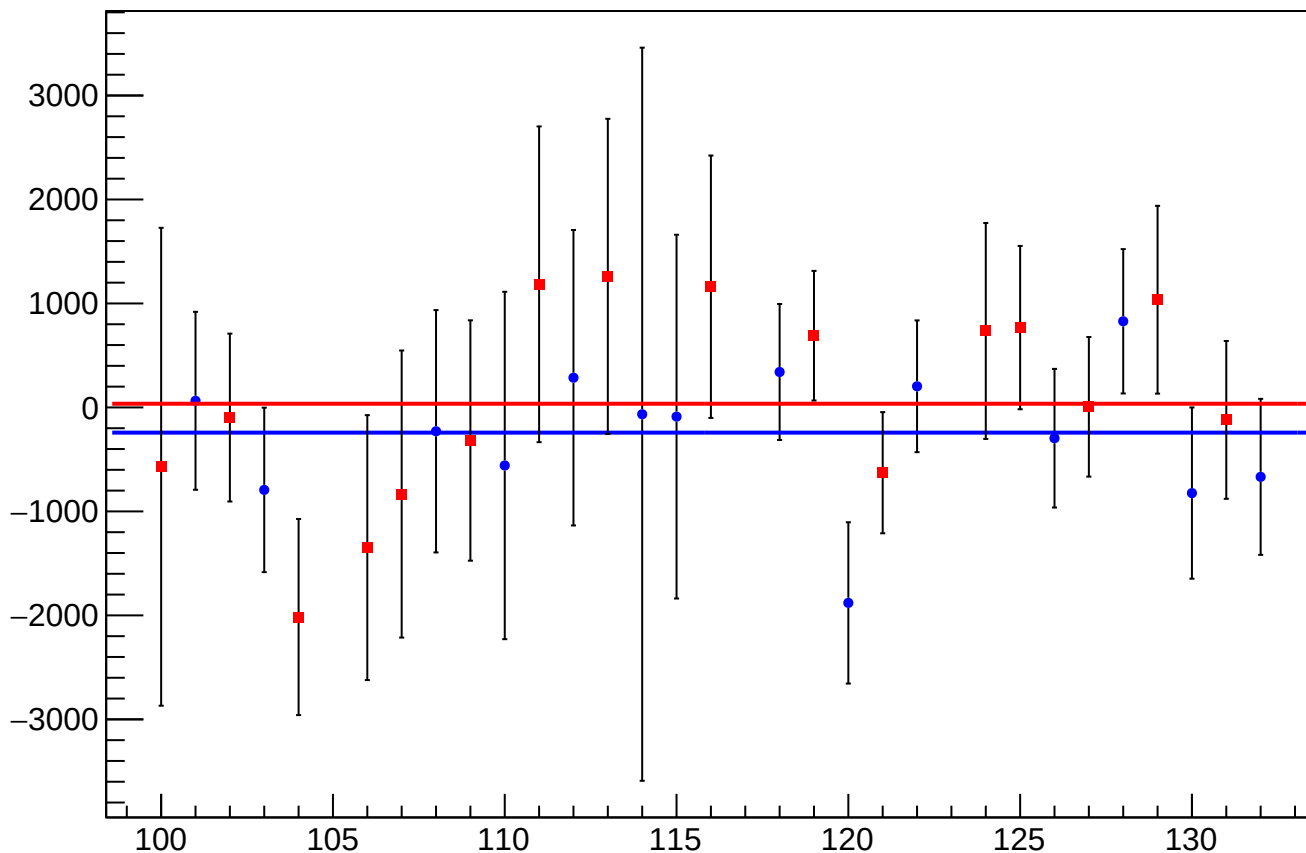
Right: 83.112+/-0.017 χ^2/NDF : 1711181.0/29

In: 82.190+/-0.025 χ^2/NDF : 813884.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.112+/-0.017 χ^2/NDF : 1711181.0/29

asym_sam1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -242.320+/-229.252 χ^2/NDF : 9.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.371+/-226.556 χ^2/NDF : 13.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

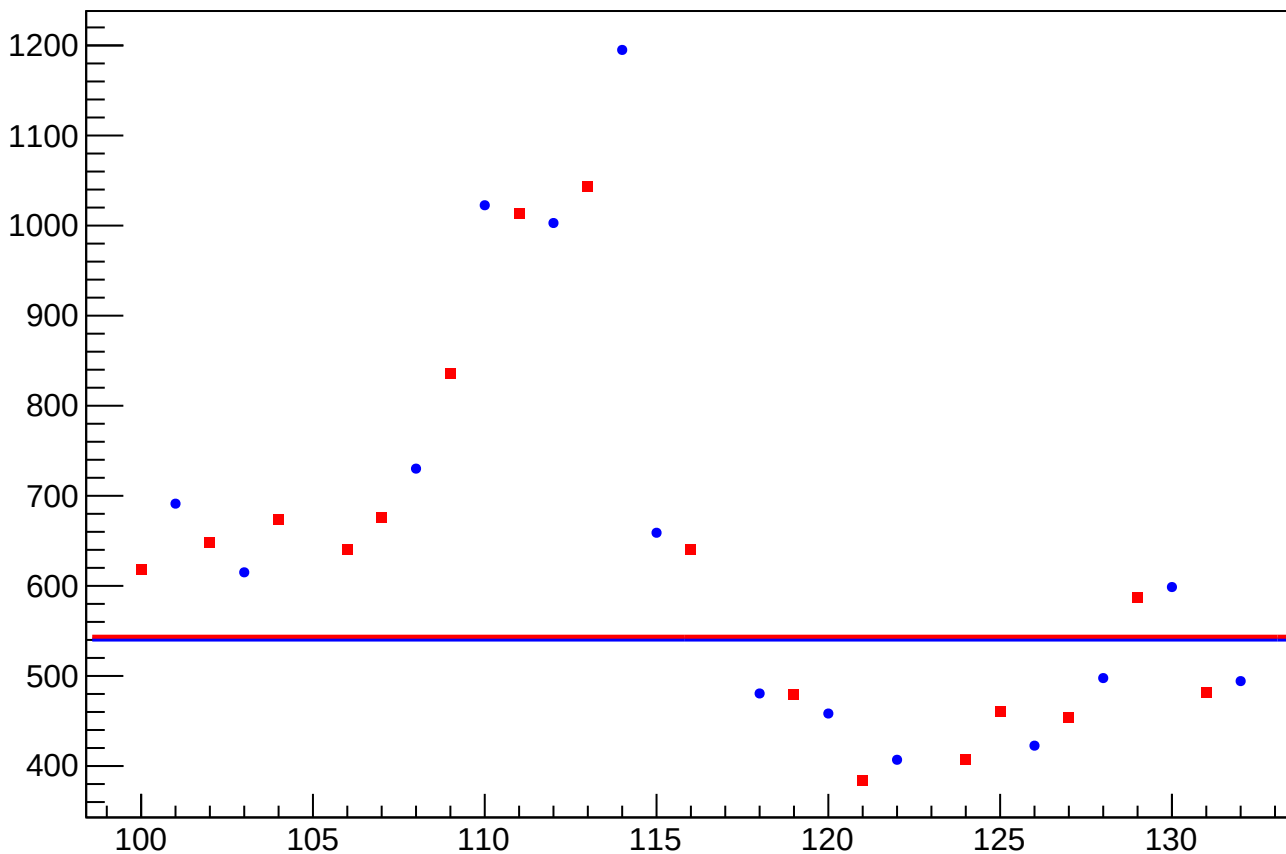
Right: -101.832+/-161.144 χ^2/NDF : 24.0/29

In: -242.320+/-229.252 χ^2/NDF : 9.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -101.832+/-161.144 χ^2/NDF : 24.0/29

asym_sam1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 540.398+/-0.162 χ^2/NDF : 805092.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 543.584+/-0.160 χ^2/NDF : 933099.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

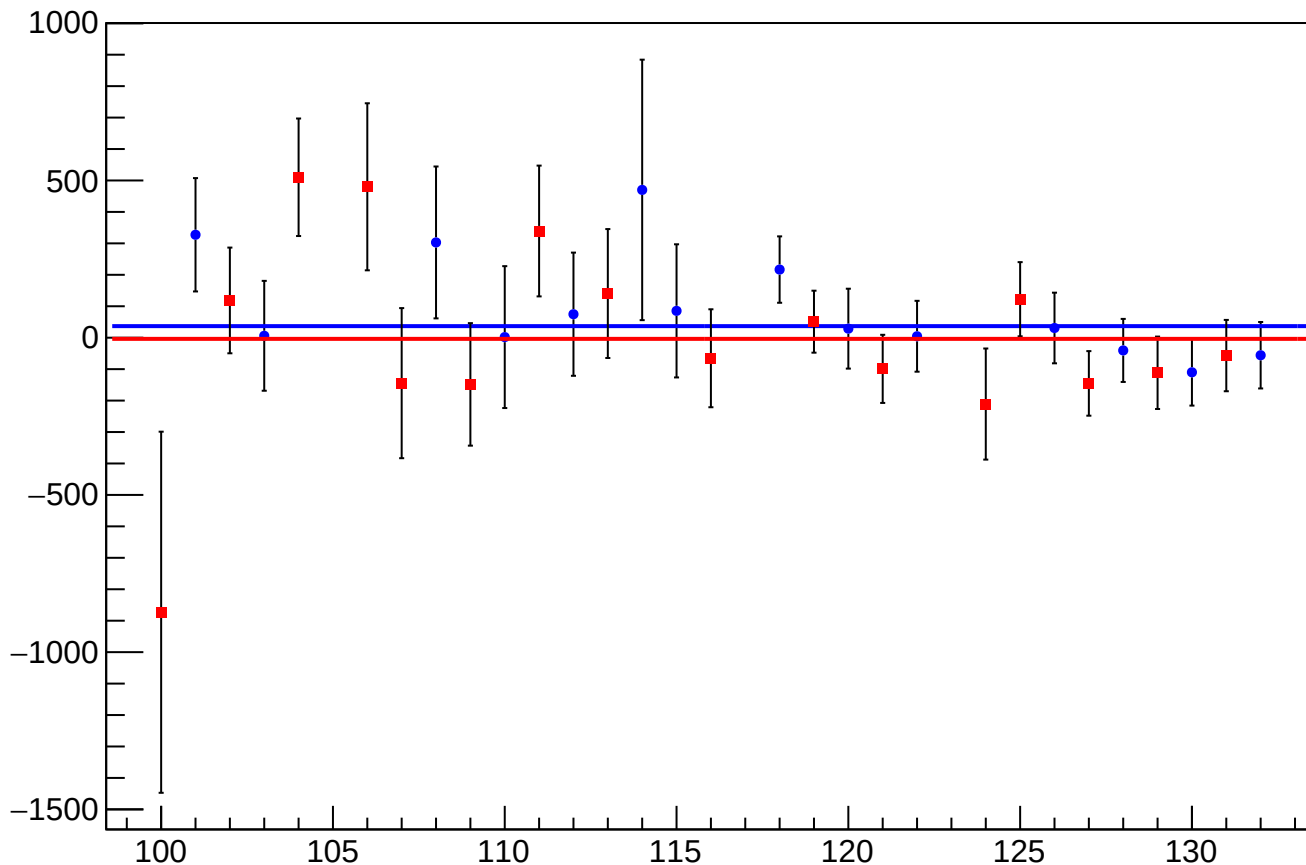
Right: 542.010+/-0.114 χ^2/NDF : 1738387.6/29

In: 540.398+/-0.162 χ^2/NDF :805092.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 542.010+/-0.114 χ^2/NDF : 1738387.6/29

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 36.773+/-36.702 χ^2/NDF : 11.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.714+/-36.431 χ^2/NDF : 24.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

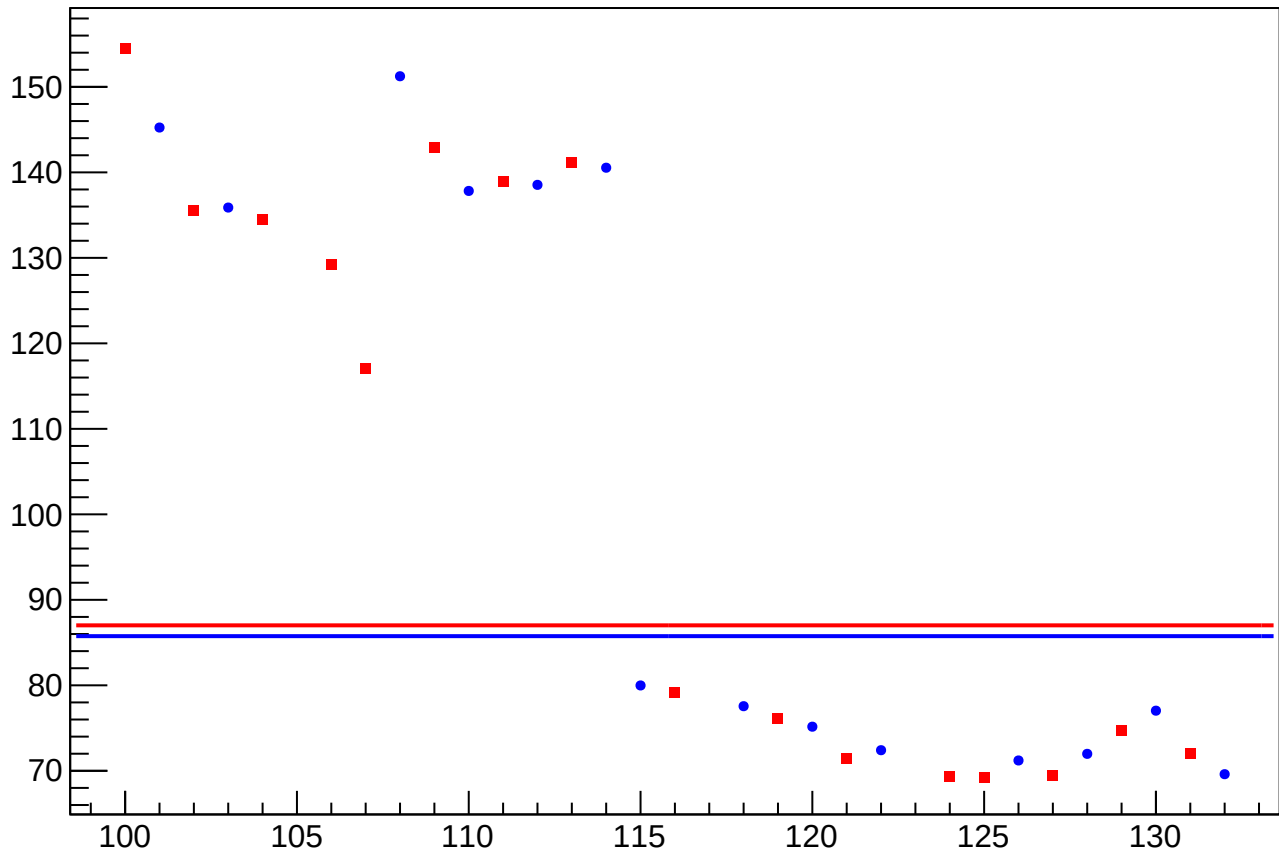
Right: 16.380+/-25.856 χ^2/NDF : 36.5/29

In: 36.773+/-36.702 χ^2/NDF : 11.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.380+/-25.856 χ^2/NDF : 36.5/29

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 85.752+/-0.026 χ^2/NDF : 1003434.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.016+/-0.026 χ^2/NDF : 1086302.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

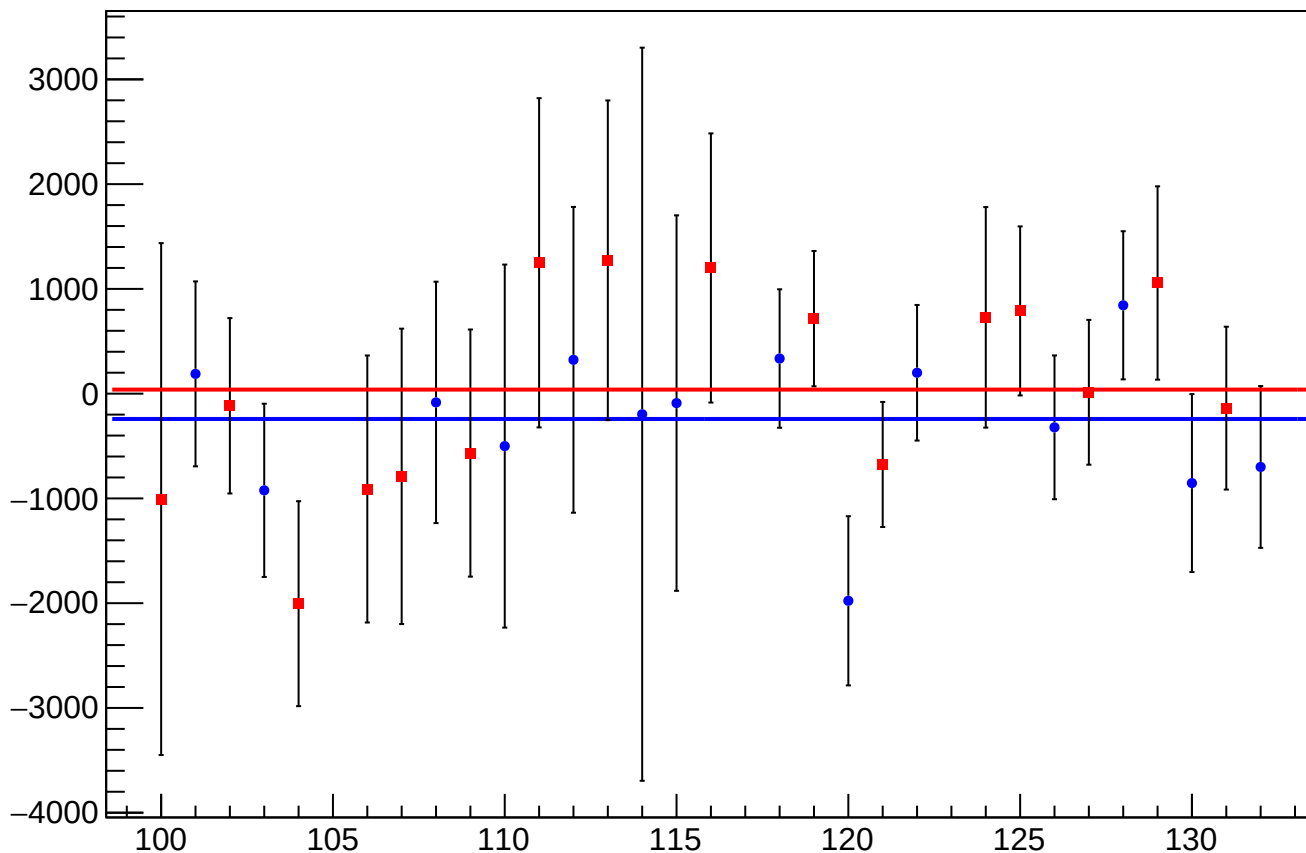
Right: 86.388+/-0.018 χ^2/NDF : 2090931.8/29

In: 85.752+/-0.026 χ^2/NDF : 1003434.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.388+/-0.018 χ^2/NDF : 2090931.8/29

asym_sam1_dit_correction_mean vs Slug, Sign Corrected



Right In: -241.582+/-235.091 χ^2/NDF : 10.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.659+/-232.607 χ^2/NDF : 12.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

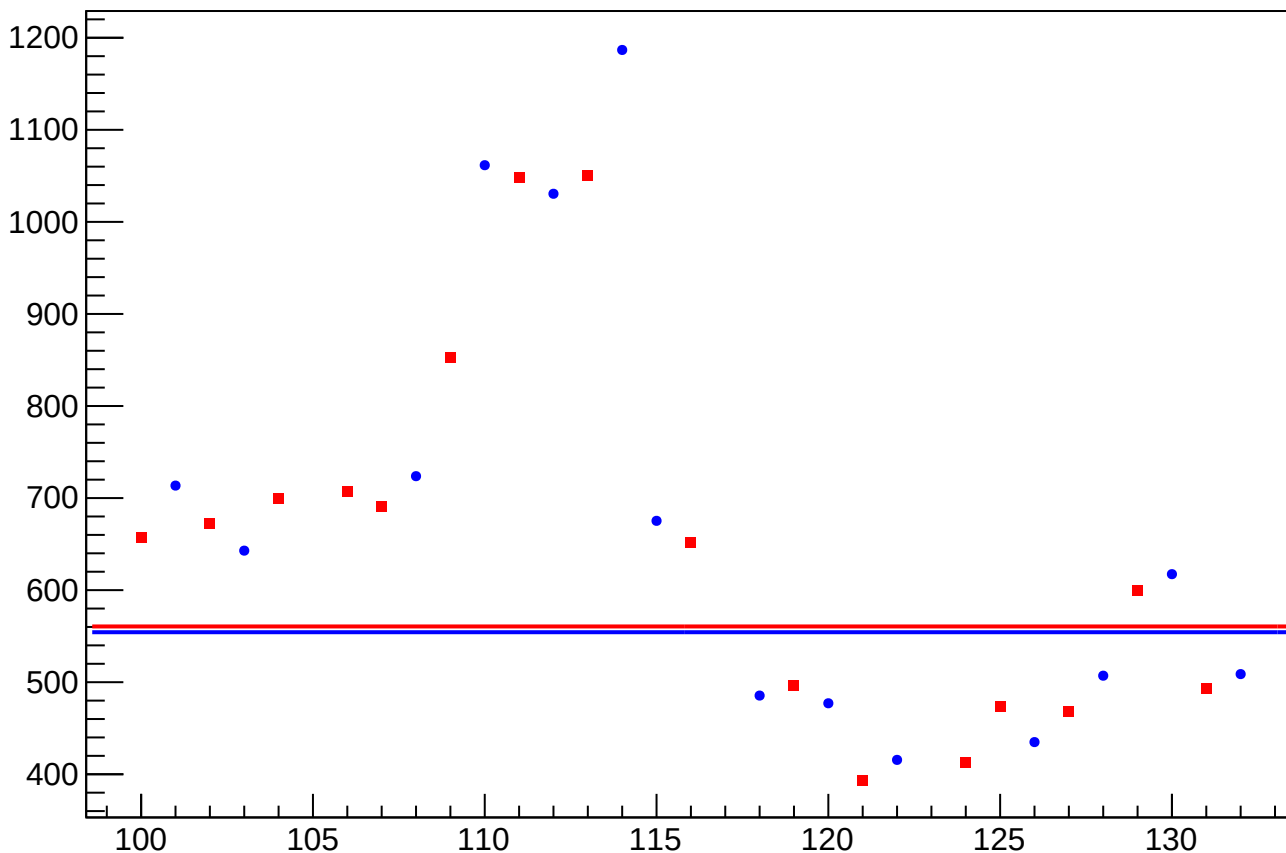
Right: -99.973+/-165.349 χ^2/NDF : 23.8/29

In: -241.582+/-235.091 χ^2/NDF : 10.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -99.973+/-165.349 χ^2/NDF : 23.8/29

asym_sam1_dit_correction_rms vs Slug, Sign Corrected



Right In: 554.287+/-0.166 χ^2/NDF : 809357.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 560.553+/-0.164 χ^2/NDF : 947715.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

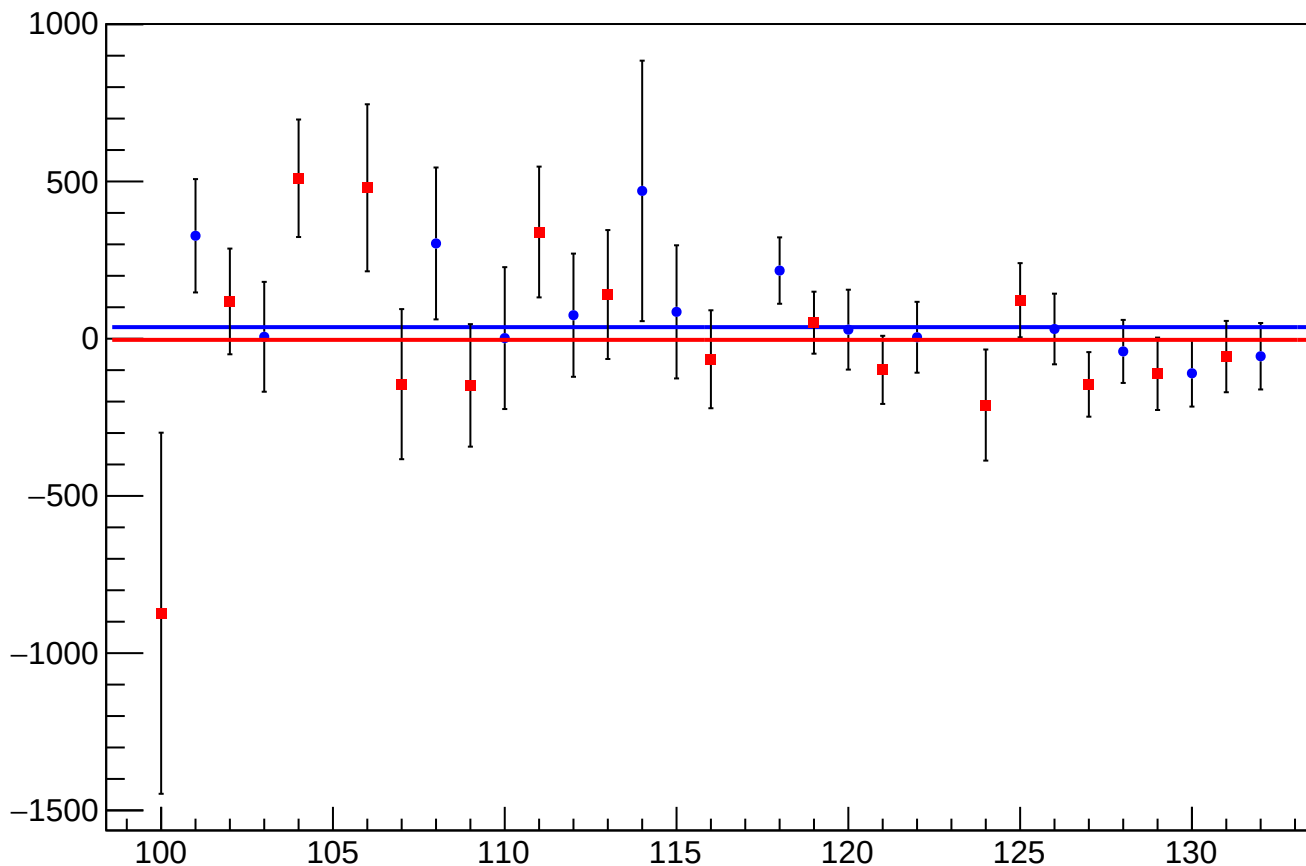
Right: 557.454+/-0.117 χ^2/NDF : 1757791.2/29

In: 554.287+/-0.166 χ^2/NDF : 809357.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 557.454+/-0.117 χ^2/NDF : 1757791.2/29

eigen_dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 36.773+/-36.702 χ^2/NDF : 11.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.715+/-36.431 χ^2/NDF : 24.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

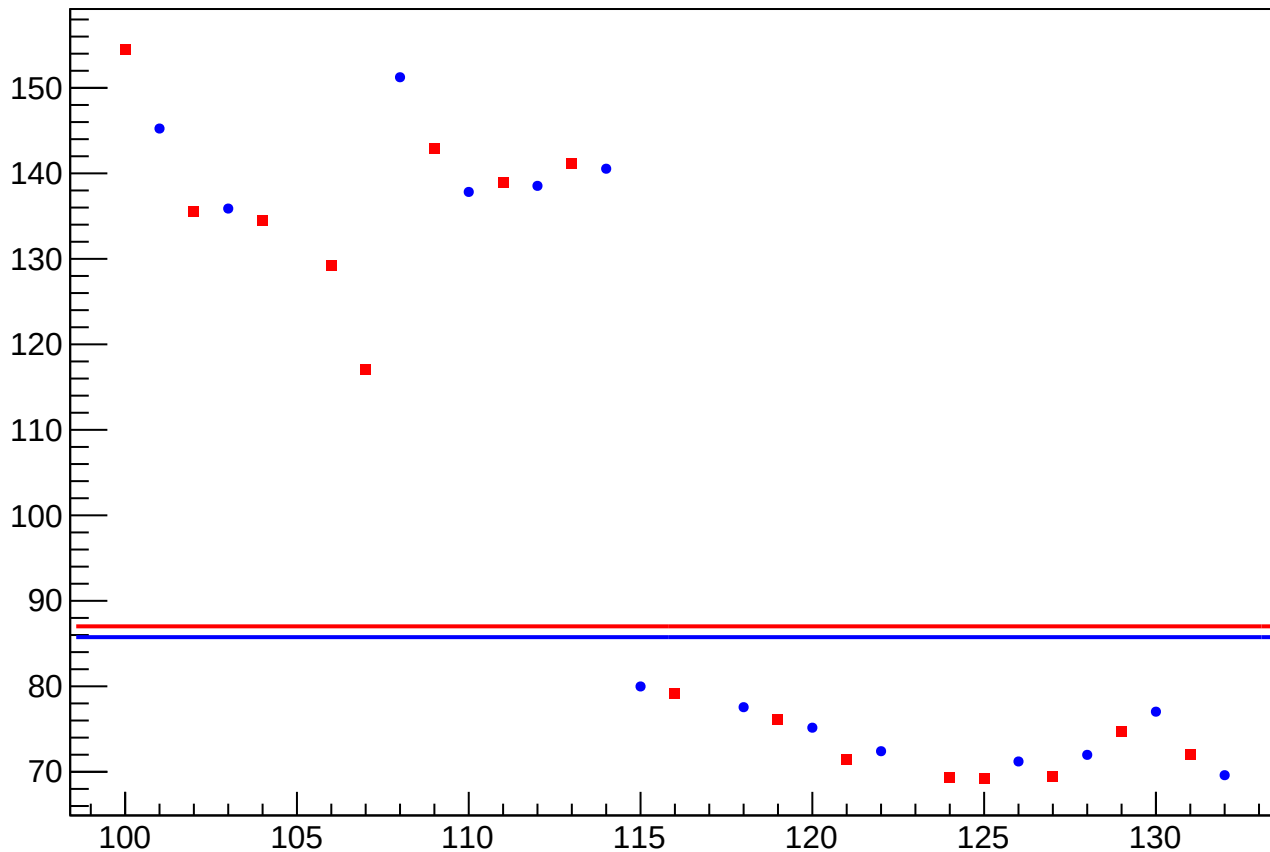
Right: 16.379+/-25.856 χ^2/NDF : 36.5/29

In: 36.773+/-36.702 χ^2/NDF : 11.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.379+/-25.856 χ^2/NDF : 36.5/29

eigen_dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 85.752+/-0.026 χ^2/NDF : 1003434.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.015+/-0.026 χ^2/NDF : 1086301.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

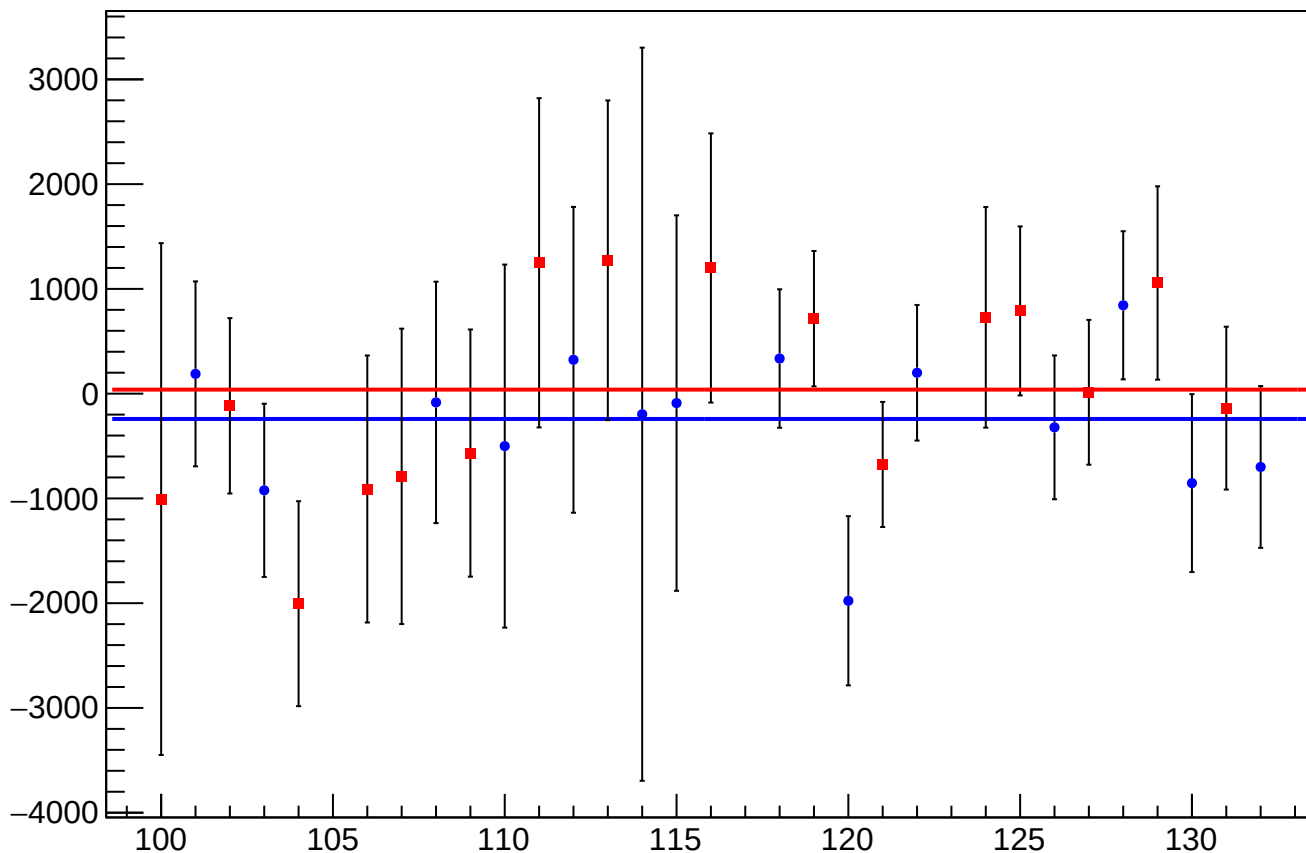
Right: 86.388+/-0.018 χ^2/NDF : 2090931.4/29

In: 85.752+/-0.026 χ^2/NDF : 1003434.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.388+/-0.018 χ^2/NDF : 2090931.4/29

asym_sam1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -241.582+/-235.091 χ^2/NDF : 10.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.659+/-232.607 χ^2/NDF : 12.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

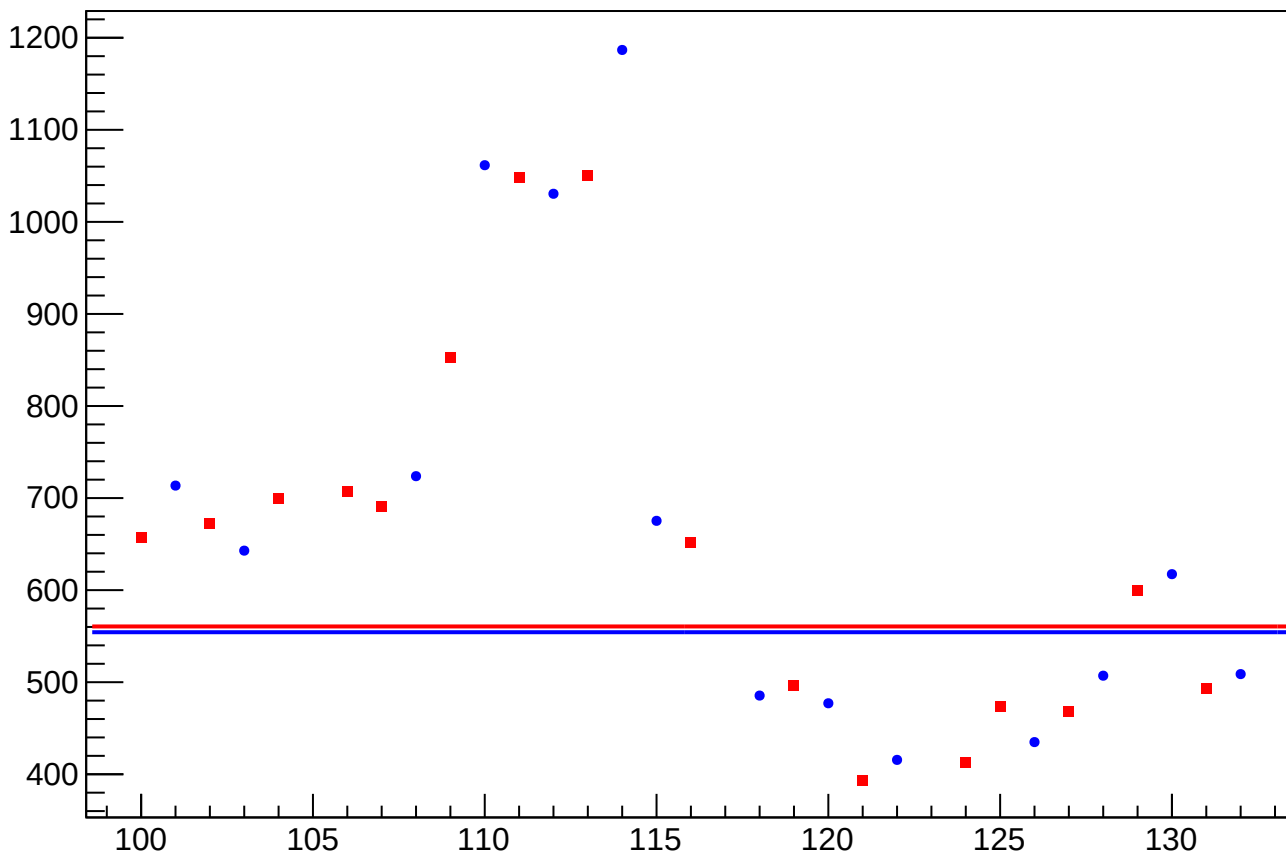
Right: -99.974+/-165.349 χ^2/NDF : 23.8/29

In: -241.582+/-235.091 χ^2/NDF : 10.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -99.974+/-165.349 χ^2/NDF : 23.8/29

asym_sam1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 554.286+/-0.166 χ^2/NDF : 809358.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 560.553+/-0.164 χ^2/NDF : 947717.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

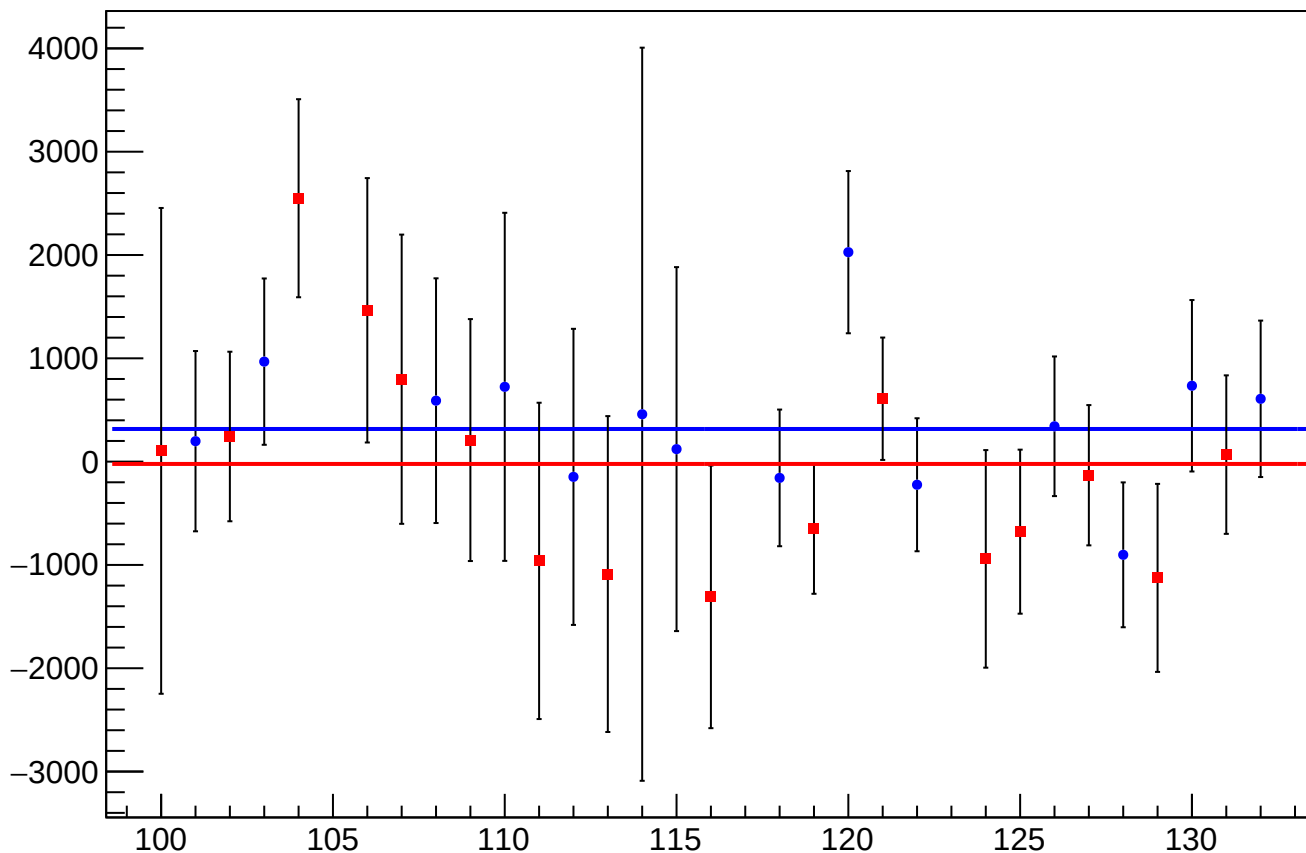
Right: 557.453+/-0.117 χ^2/NDF : 1757793.9/29

In: 554.286+/-0.166 χ^2/NDF : 809358.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 557.453+/-0.117 χ^2/NDF : 1757793.9/29

asym_sam1_mean vs Slug, Sign Corrected



Right In: 315.980+/-232.171 χ^2/NDF : 10.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -22.454+/-229.374 χ^2/NDF : 16.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

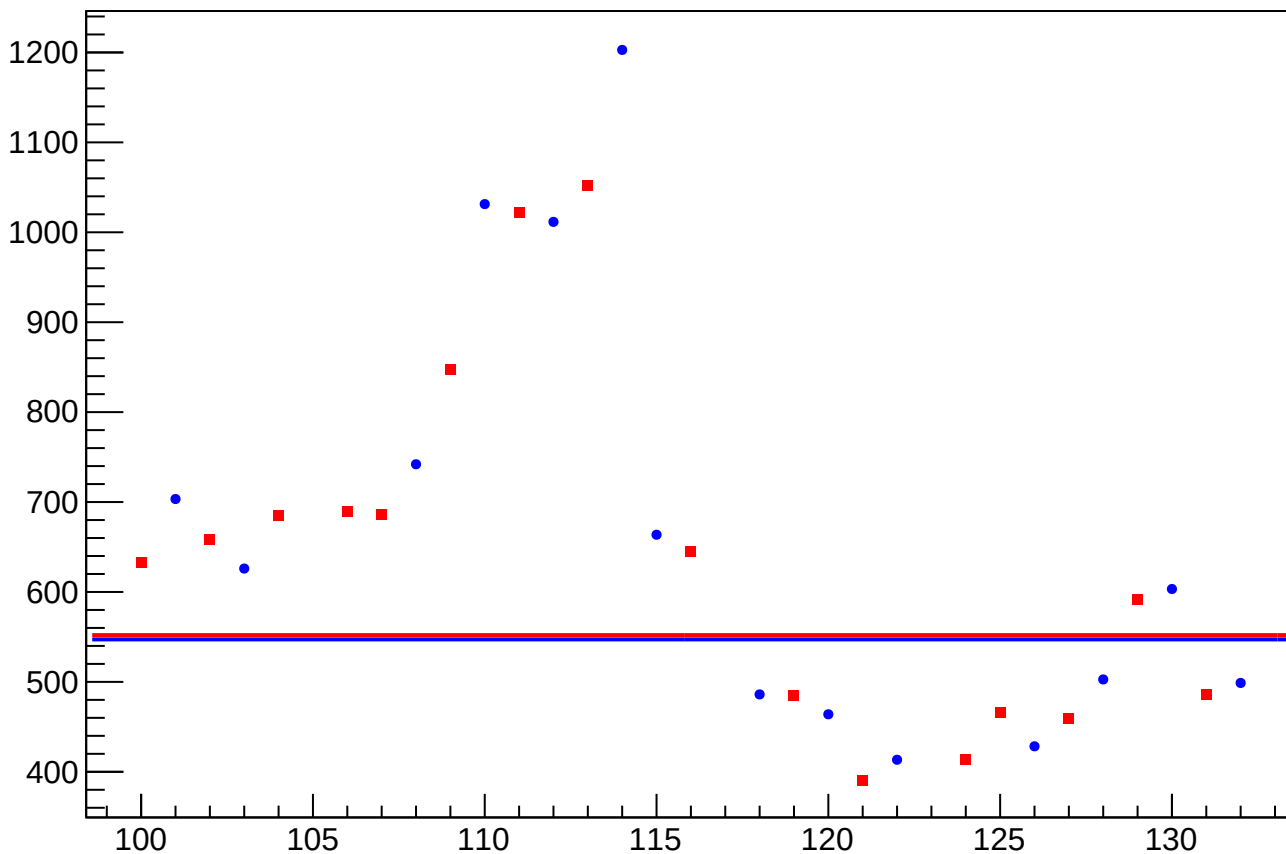
Right: 144.712+/-163.172 χ^2/NDF : 27.4/29

In: 315.980+/-232.171 χ^2/NDF : 10.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.712+/-163.172 χ^2/NDF : 27.4/29

asym_sam1_rms vs Slug, Sign Corrected



Right In: 547.245+/-0.164 χ^2/NDF : 802721.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 552.032+/-0.162 χ^2/NDF : 941423.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

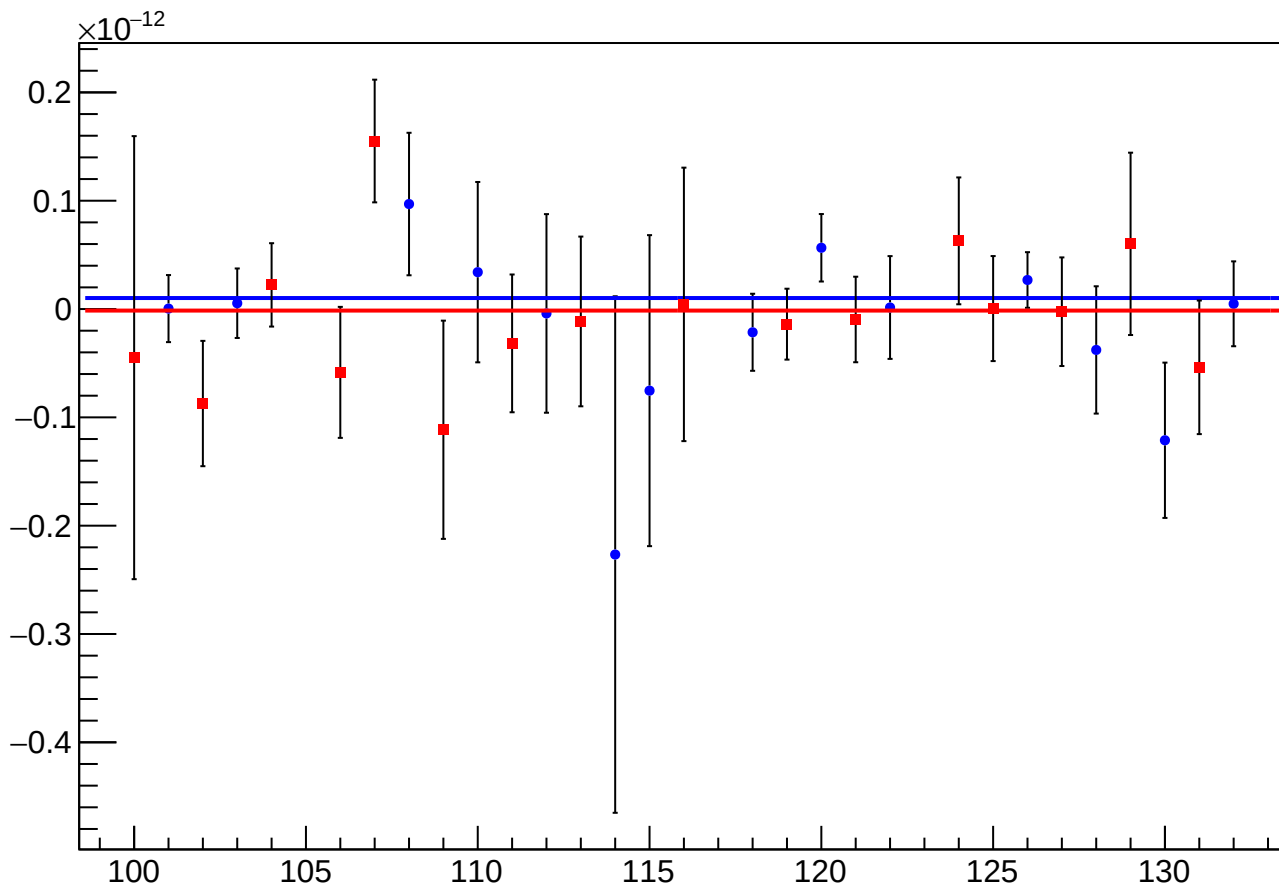
Right: 549.667+/-0.115 χ^2/NDF : 1744575.2/29

In: 547.245+/-0.164 χ^2/NDF :802721.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 549.667+/-0.115 χ^2/NDF : 1744575.2/29

asym_sam1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

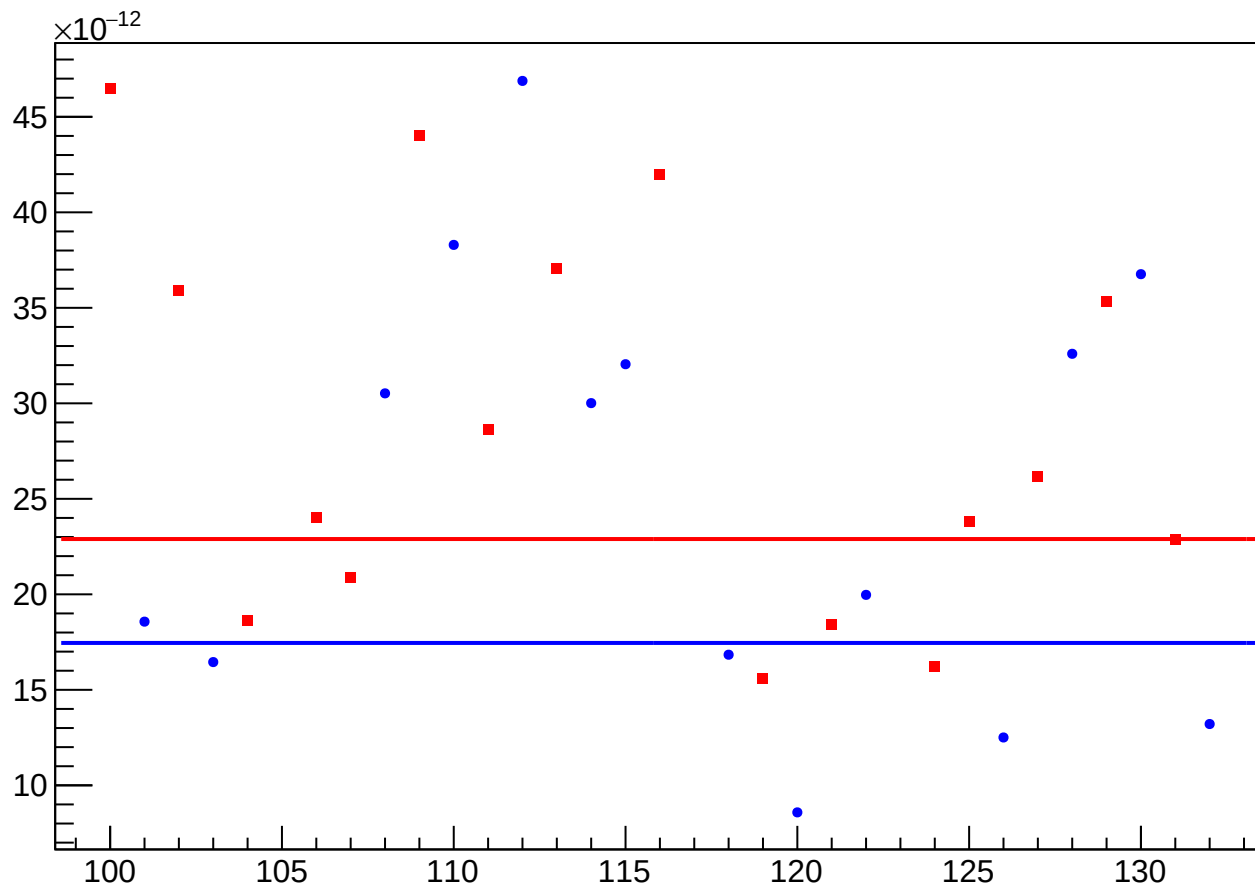
Right: 0.000+/-0.000 χ^2/NDF : 26.5/29

In: 0.000+/-0.000 χ^2/NDF : 10.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.5/29

asym_sam1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 985148.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 575959.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

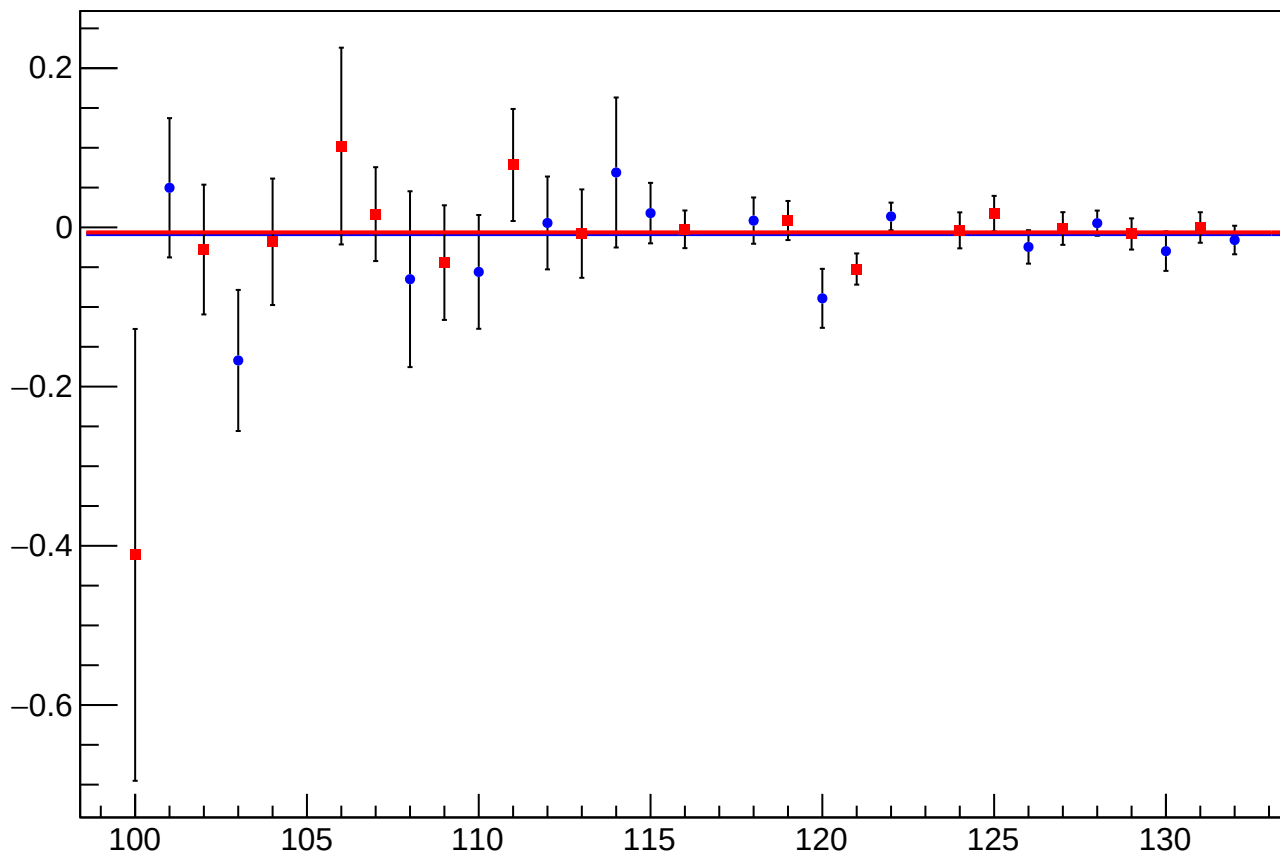
Right: 0.000+/-0.000 χ^2/NDF : 1743805.0/29

In: 0.000+/-0.000 χ^2/NDF : 985148.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1743805.0/29

asym_sam1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 ± 0.007 χ^2/NDF : 14.5/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.006 ± 0.007 χ^2/NDF : 12.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

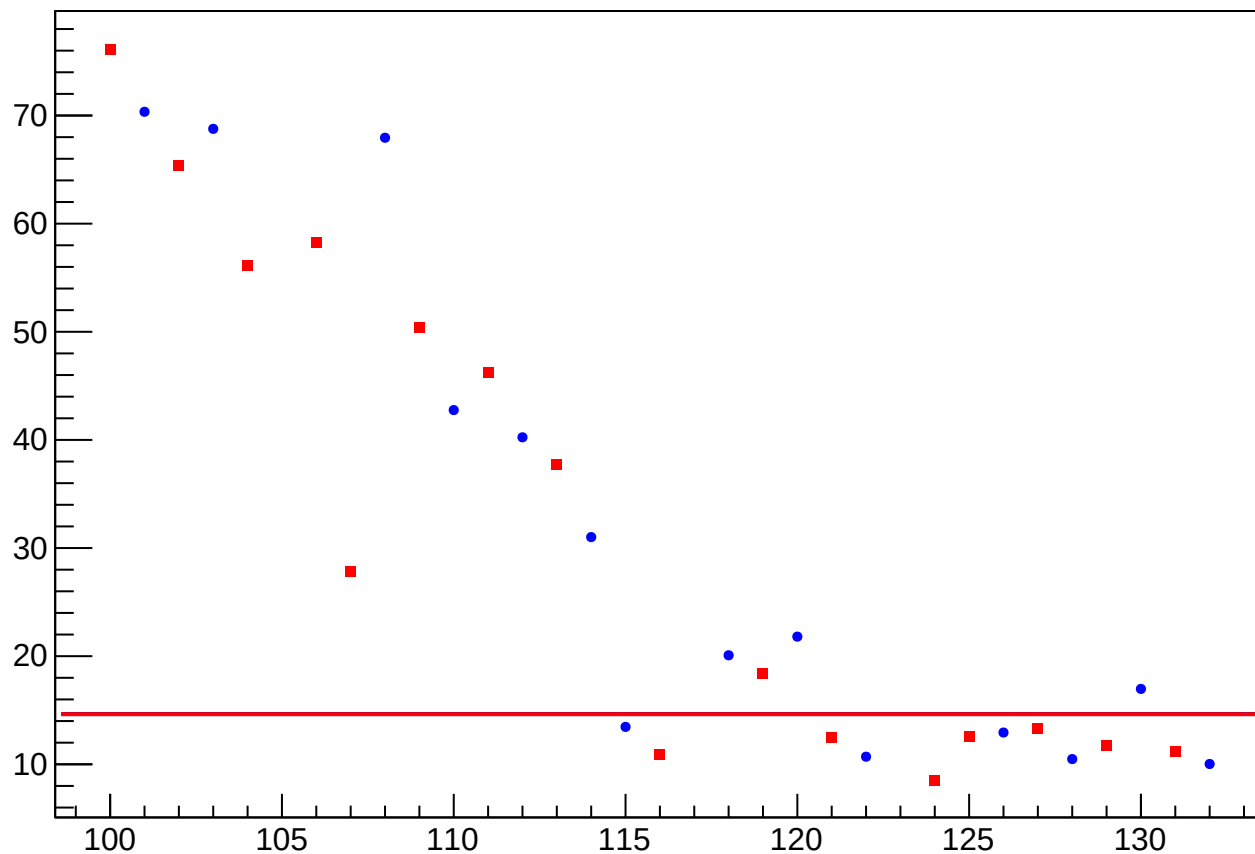
Right: -0.007 ± 0.005 χ^2/NDF : 26.6/29

In: -0.008 ± 0.007 χ^2/NDF : 14.5/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.005 χ^2/NDF : 26.6/29

asym_sam1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 14.650+/-0.005 χ^2/NDF : 3329146.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.635+/-0.005 χ^2/NDF : 3408095.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

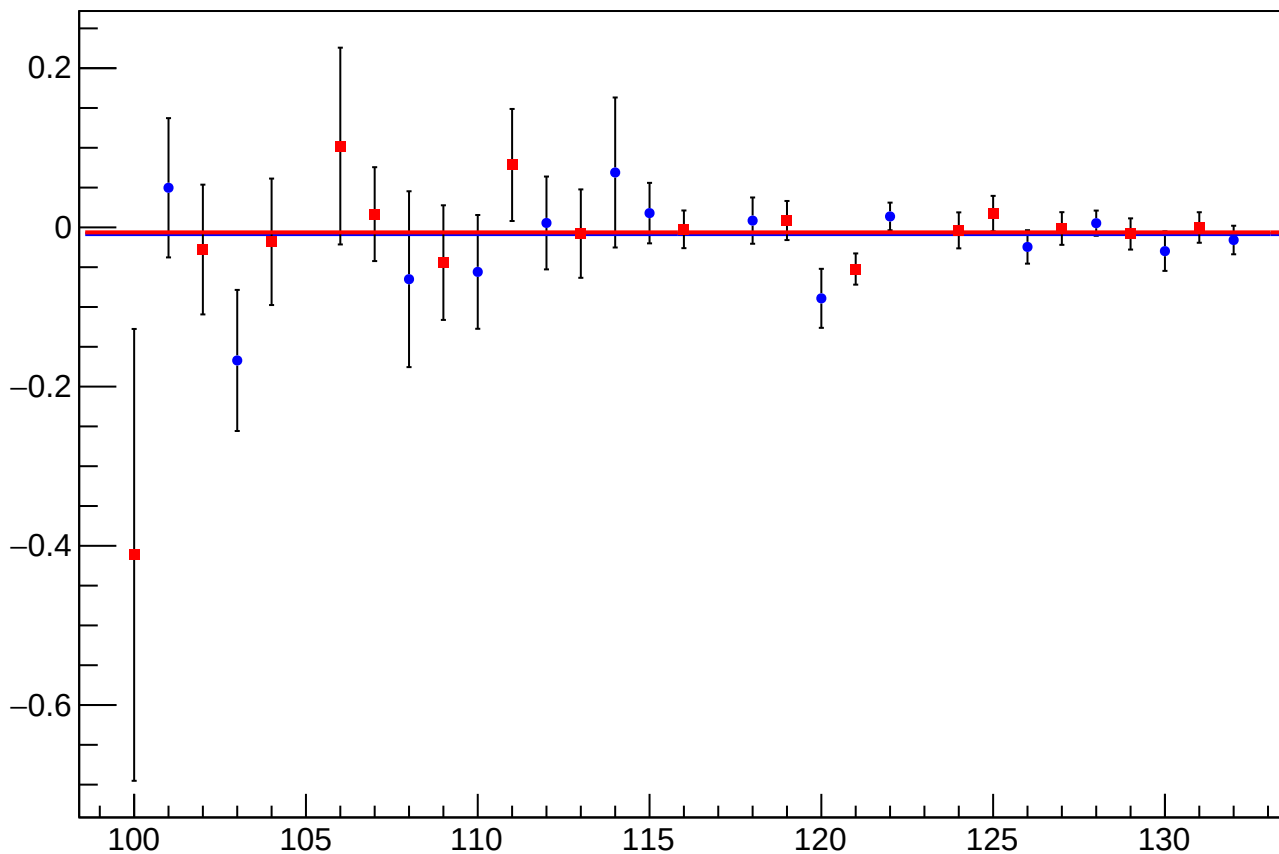
Right: 14.643+/-0.004 χ^2/NDF : 6737246.6/29

In: 14.650+/-0.005 χ^2/NDF : 3329146.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.643+/-0.004 χ^2/NDF : 6737246.6/29

asym_sam1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008+/-0.007 χ^2 /NDF: 14.5/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.006+/-0.007 χ^2 /NDF: 12.0/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

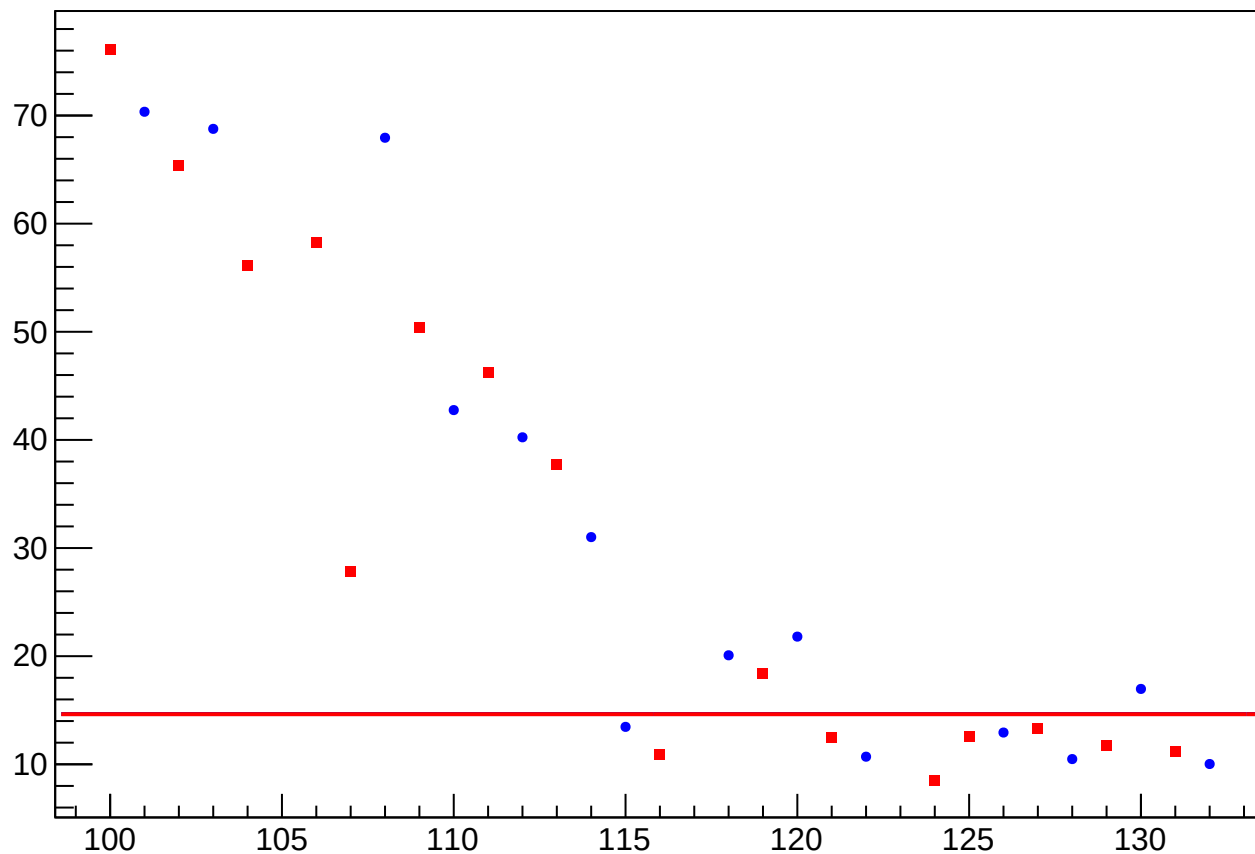
Right: -0.007+/-0.005 χ^2 /NDF: 26.6/29

In: -0.008+/-0.007 χ^2 /NDF:14.5/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.007+/-0.005 χ^2 /NDF: 26.6/29

asym_sam1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 14.650+/-0.005 χ^2/NDF : 3329146.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.635+/-0.005 χ^2/NDF : 3408095.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

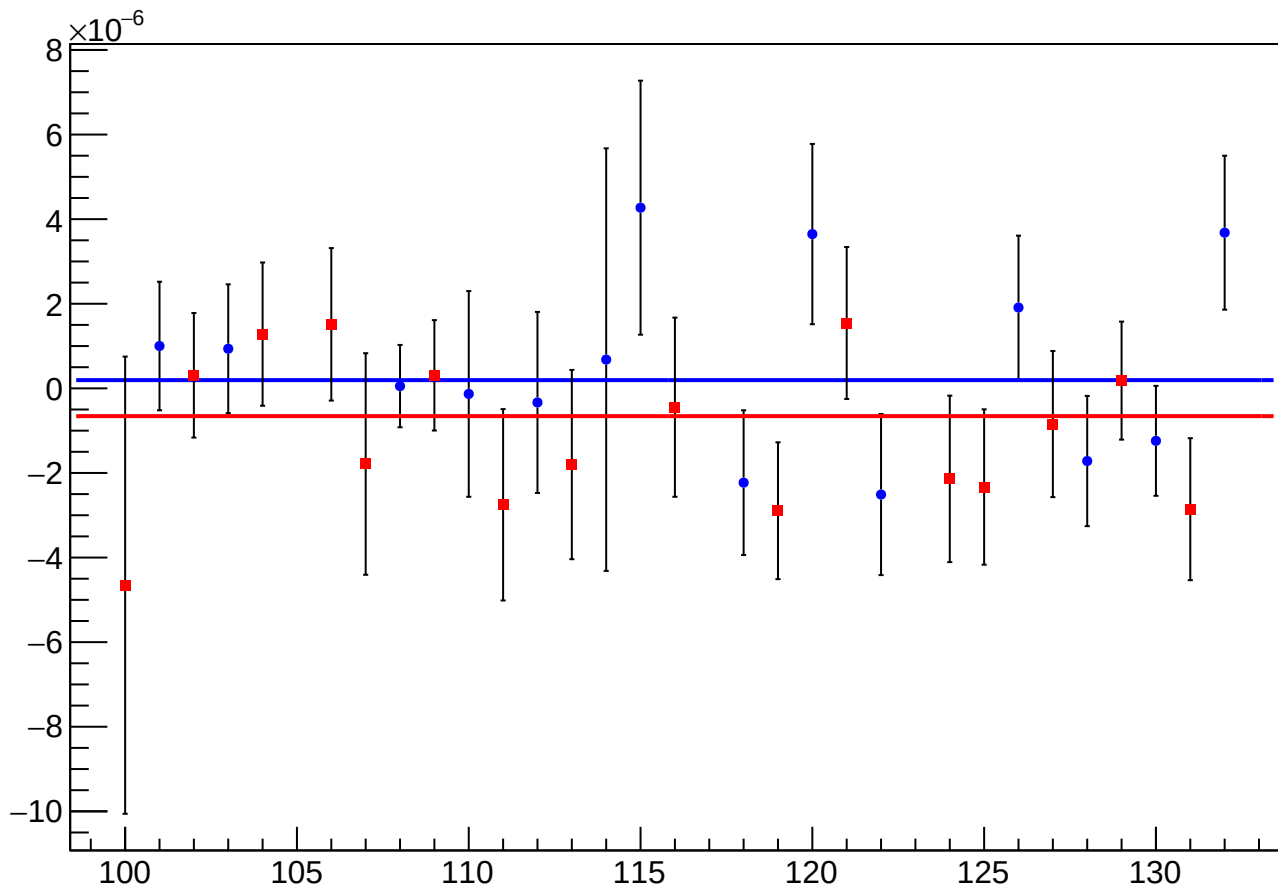
Right: 14.643+/-0.004 χ^2/NDF : 6737246.6/29

In: 14.650+/-0.005 χ^2/NDF : 3329146.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.643+/-0.004 χ^2/NDF : 6737246.6/29

asym_sam1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

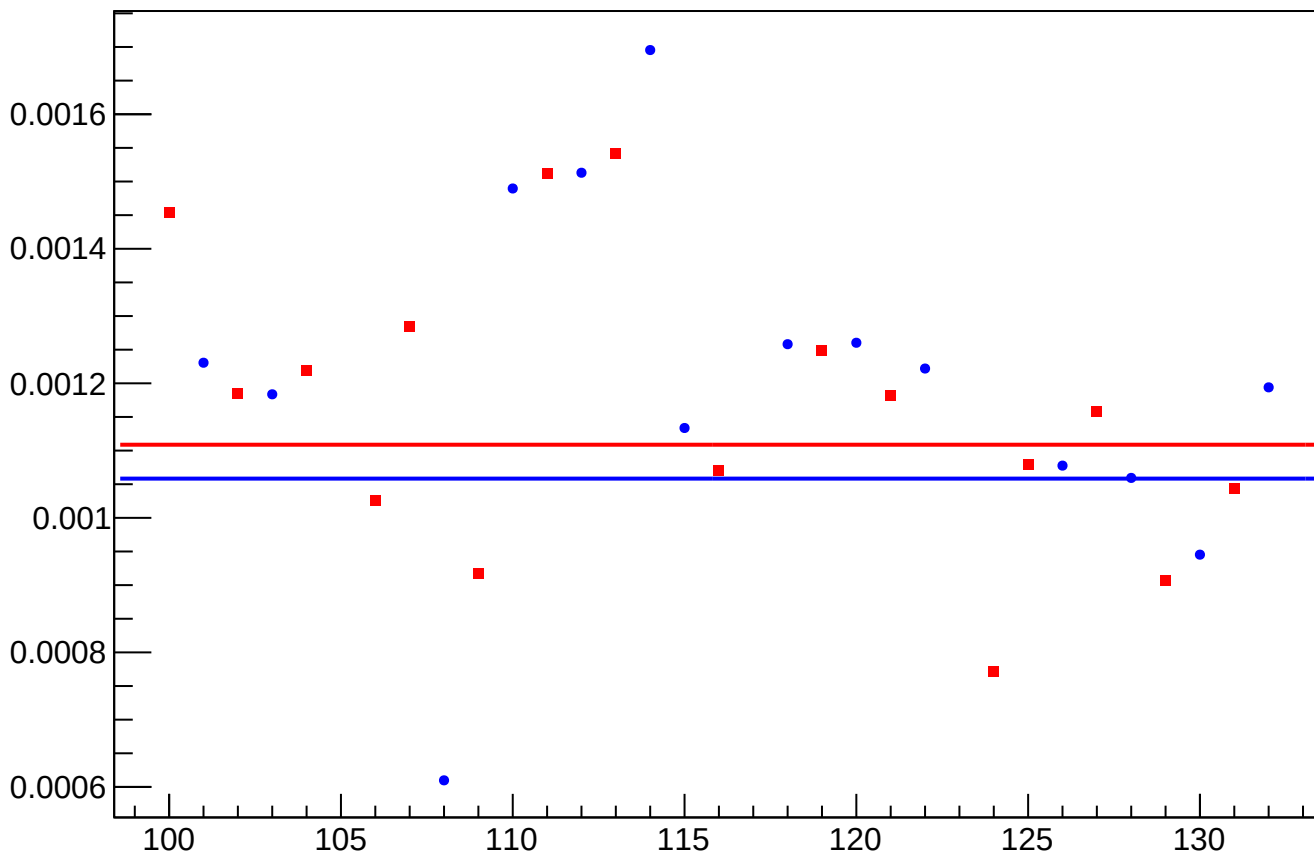
Right: -0.000+/-0.000 χ^2/NDF : 30.9/29

In: 0.000+/-0.000 χ^2/NDF : 16.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.9/29

asym_sam1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 737743.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 341741.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

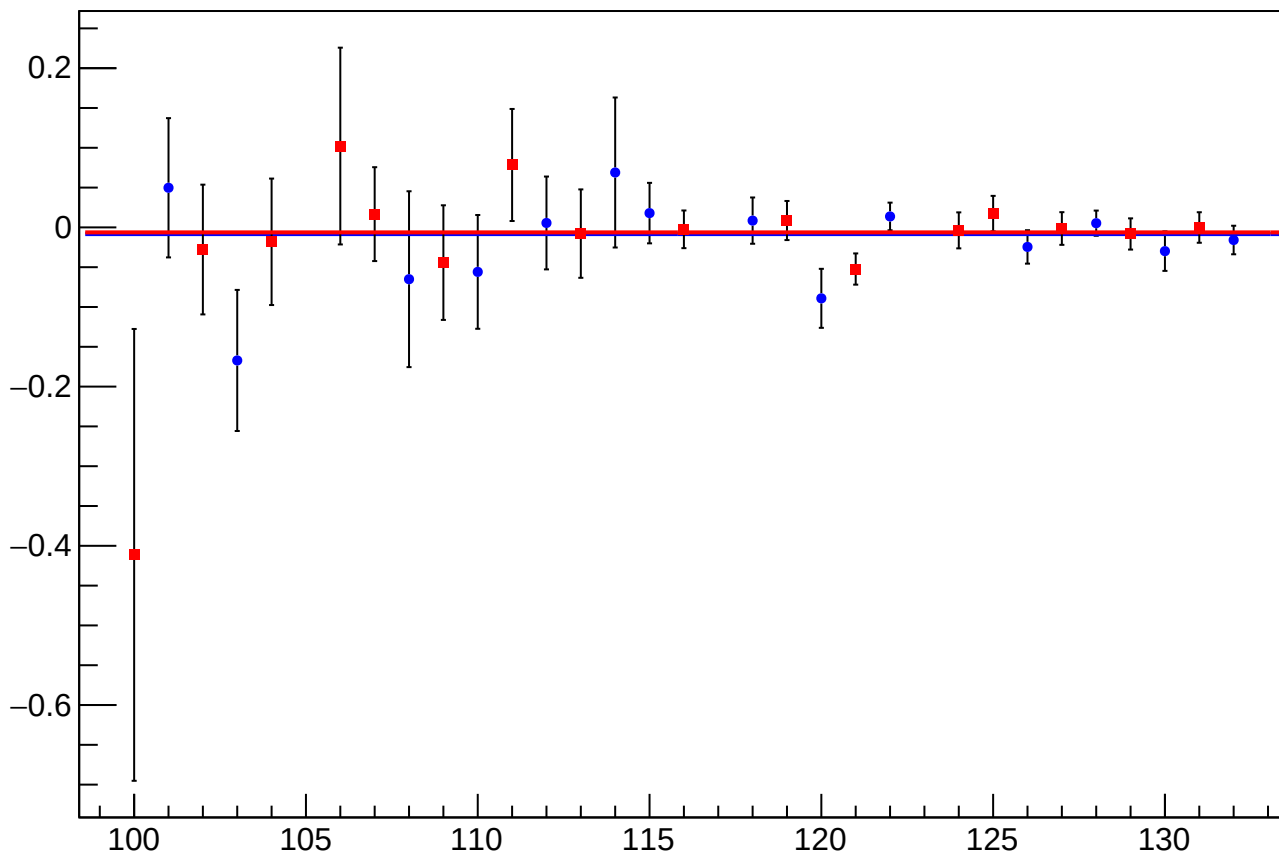
Right: 0.001+/-0.000 χ^2/NDF : 1092066.8/29

In: 0.001+/-0.000 χ^2/NDF : 737743.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1092066.8/29

asym_sam1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 ± 0.007 χ^2/NDF : 14.5/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.006 ± 0.007 χ^2/NDF : 12.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

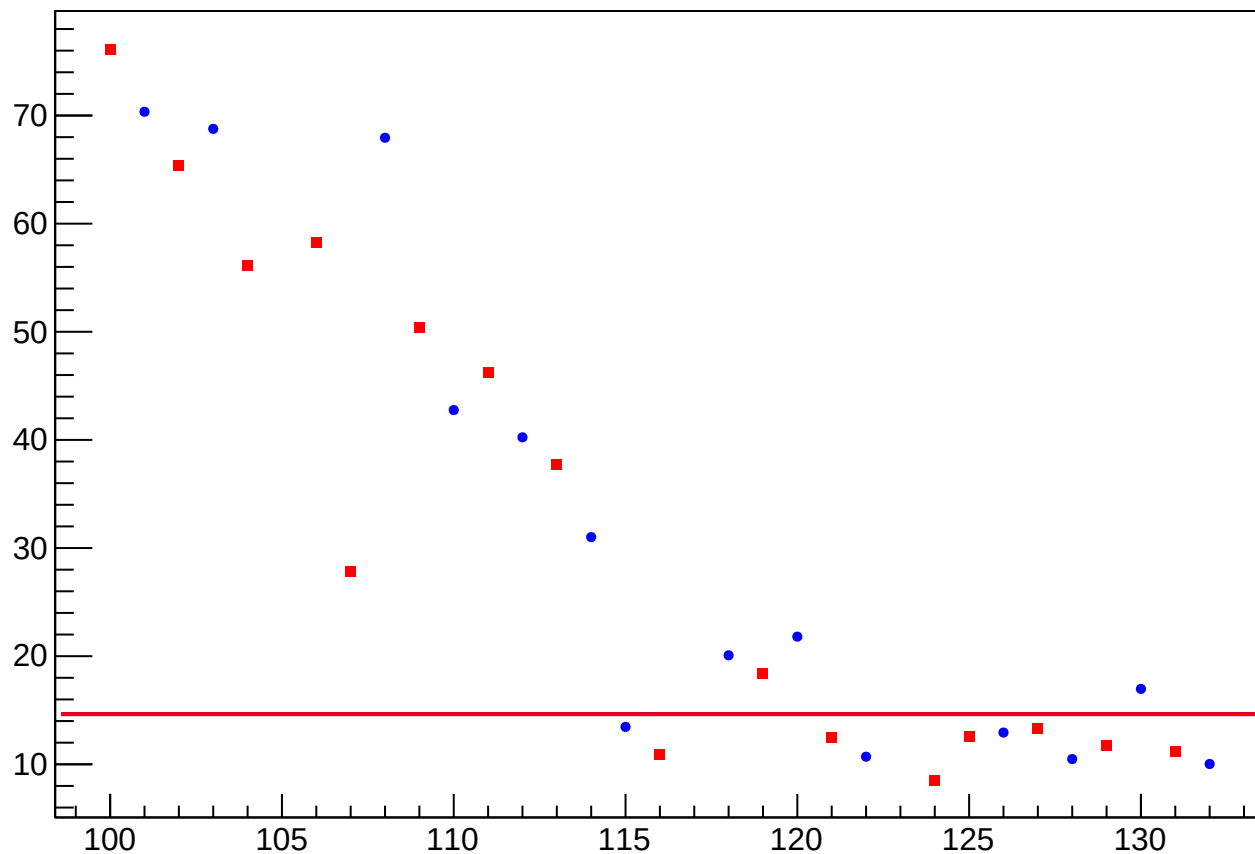
Right: -0.007 ± 0.005 χ^2/NDF : 26.6/29

In: -0.008 ± 0.007 χ^2/NDF : 14.5/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.005 χ^2/NDF : 26.6/29

asym_sam1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 14.650+/-0.005 χ^2/NDF : 3329149.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.635+/-0.005 χ^2/NDF : 3408109.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

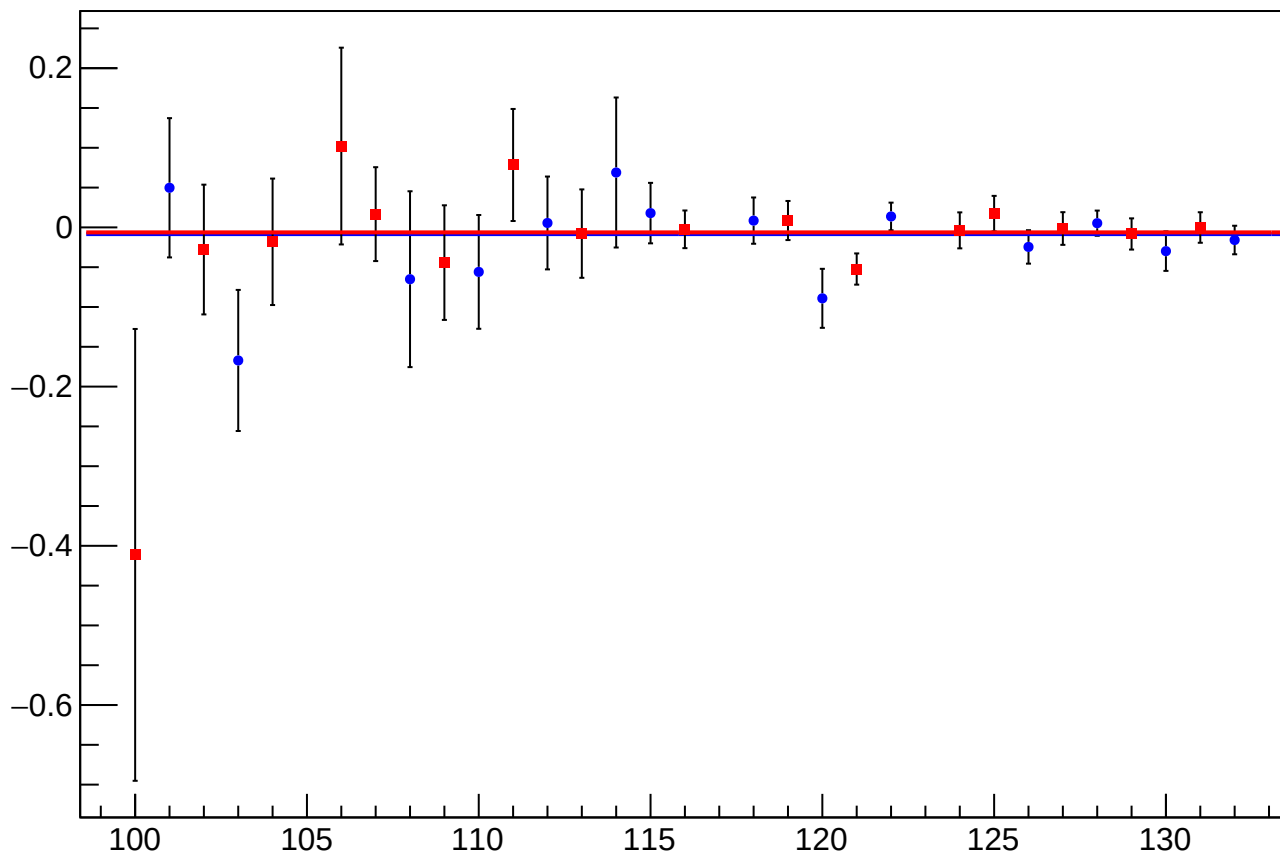
Right: 14.642+/-0.004 χ^2/NDF : 6737262.7/29

In: 14.650+/-0.005 χ^2/NDF : 3329149.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.642+/-0.004 χ^2/NDF : 6737262.7/29

asym_sam1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008+/-0.007 χ^2/NDF : 14.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.006+/-0.007 χ^2/NDF : 12.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

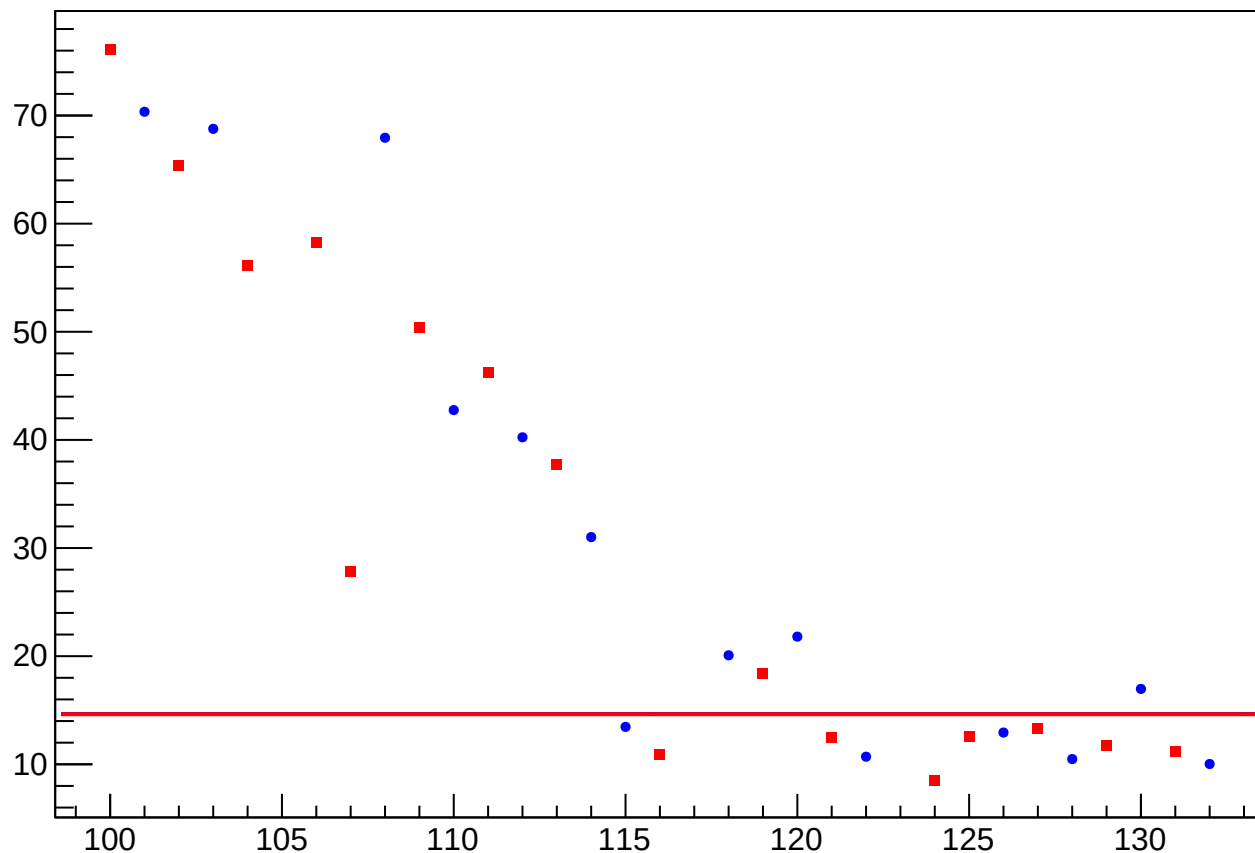
Right: -0.007+/-0.005 χ^2/NDF : 26.6/29

In: -0.008+/-0.007 χ^2/NDF :14.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.007+/-0.005 χ^2/NDF : 26.6/29

asym_sam1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 14.650+/-0.005 χ^2/NDF : 3329149.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 14.635+/-0.005 χ^2/NDF : 3408109.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

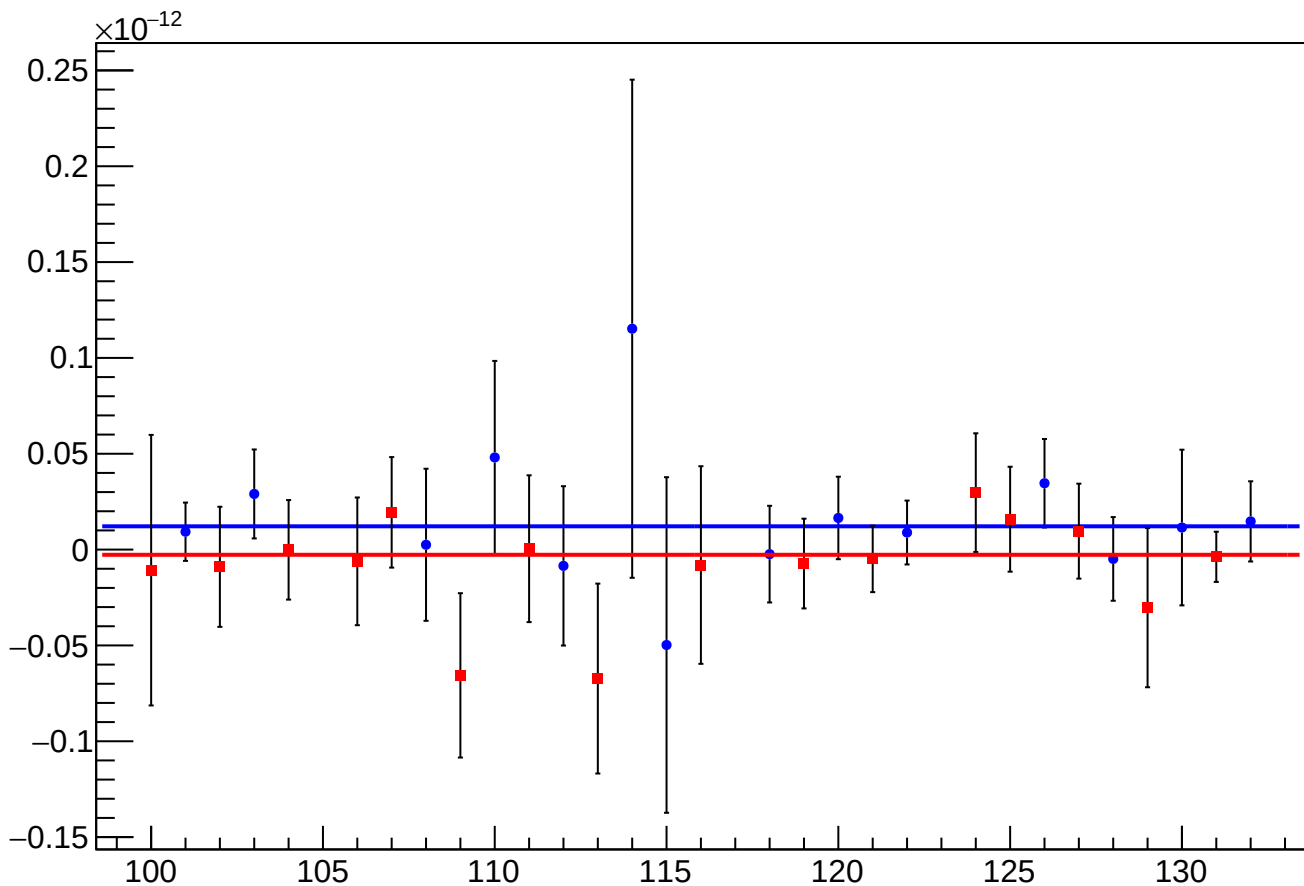
Right: 14.642+/-0.004 χ^2/NDF : 6737262.7/29

In: 14.650+/-0.005 χ^2/NDF :3329149.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 14.642+/-0.004 χ^2/NDF : 6737262.7/29

asym_sam1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

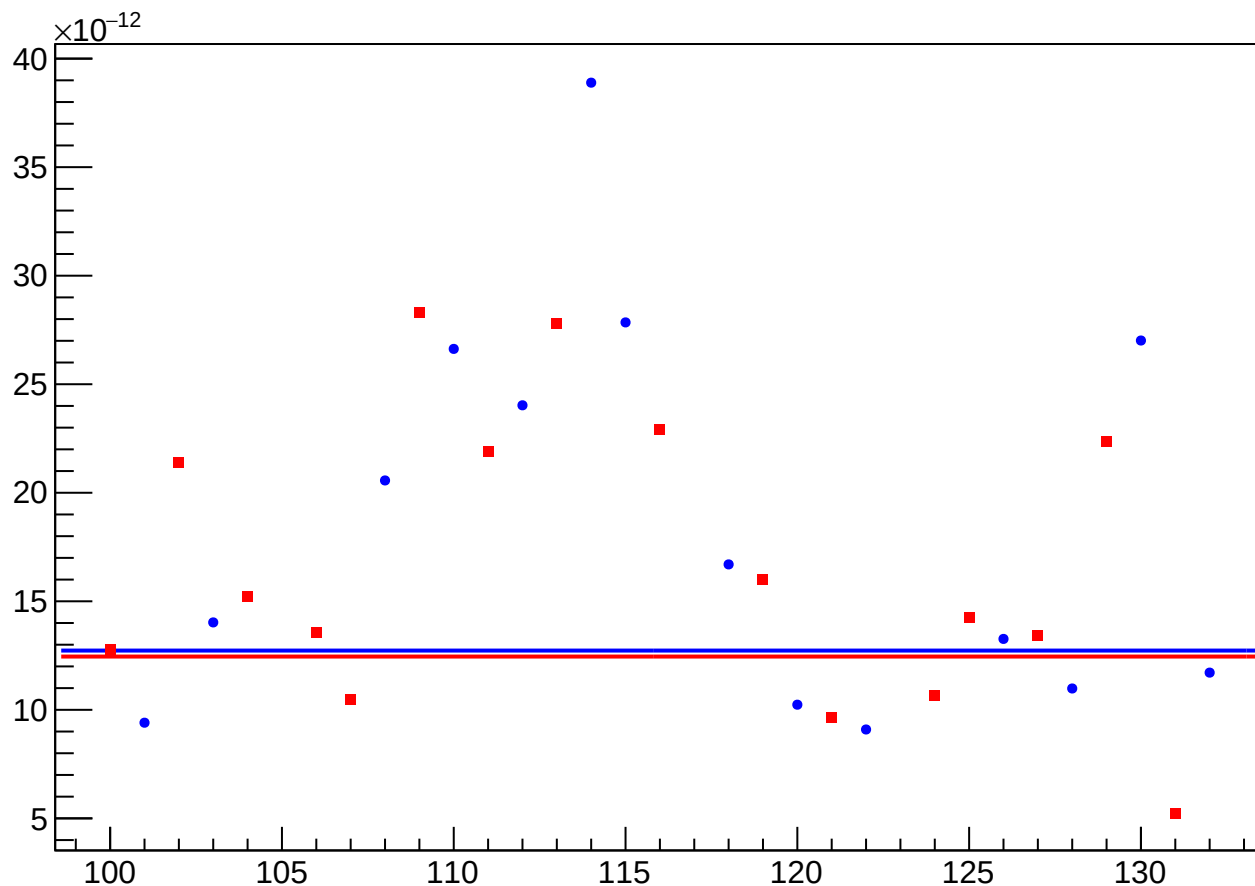
Right: 0.000+/-0.000 χ^2/NDF : 13.8/29

In: 0.000+/-0.000 χ^2/NDF : 4.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.8/29

asym_sam1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1058364.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1707232.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

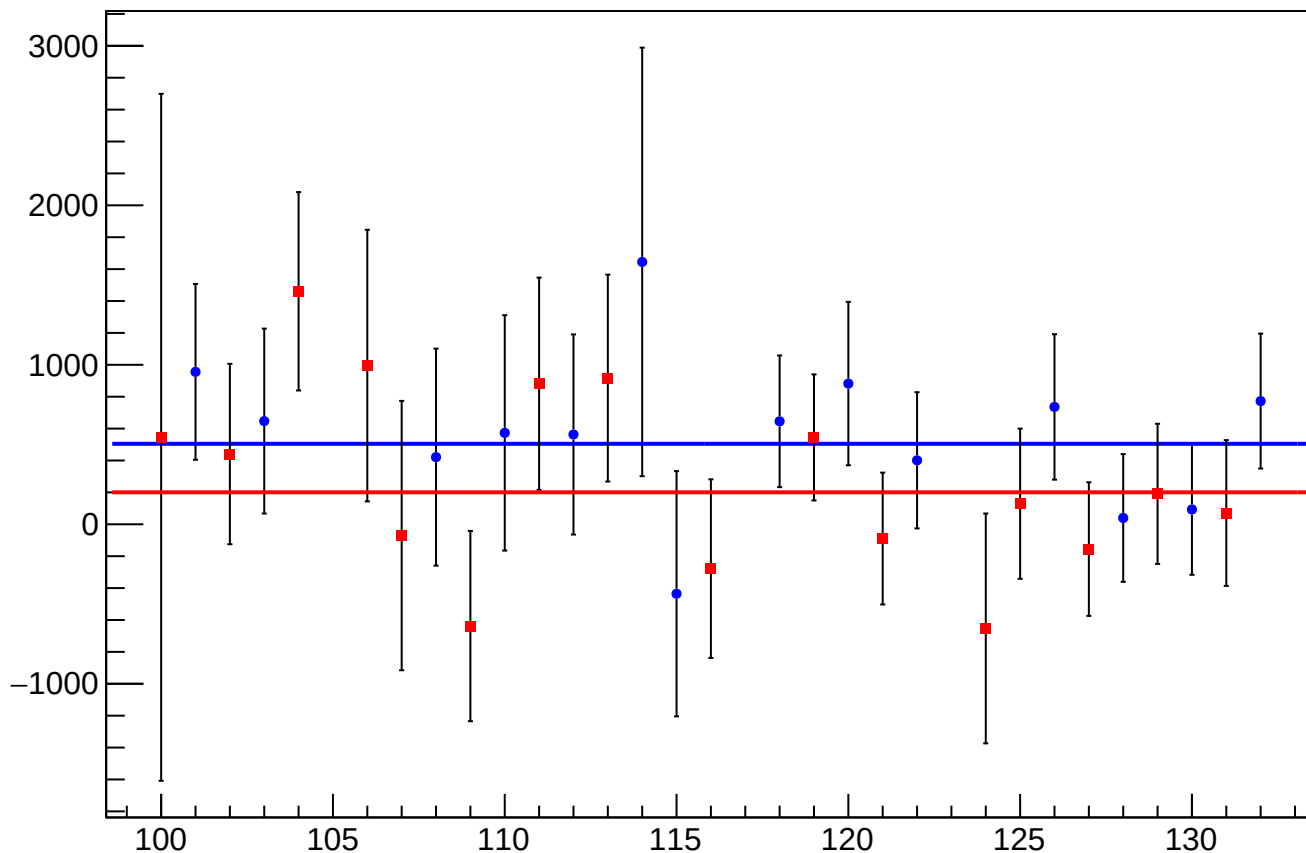
Right: 0.000+/-0.000 χ^2/NDF : 2767293.2/29

In: 0.000+/-0.000 χ^2/NDF : 1058364.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2767293.2/29

reg_asym_sam2_mean vs Slug, Sign Corrected



Right In: 504.664 $\pm$ 137.614 χ^2 /NDF: 6.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 200.419 $\pm$ 136.475 χ^2 /NDF: 13.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

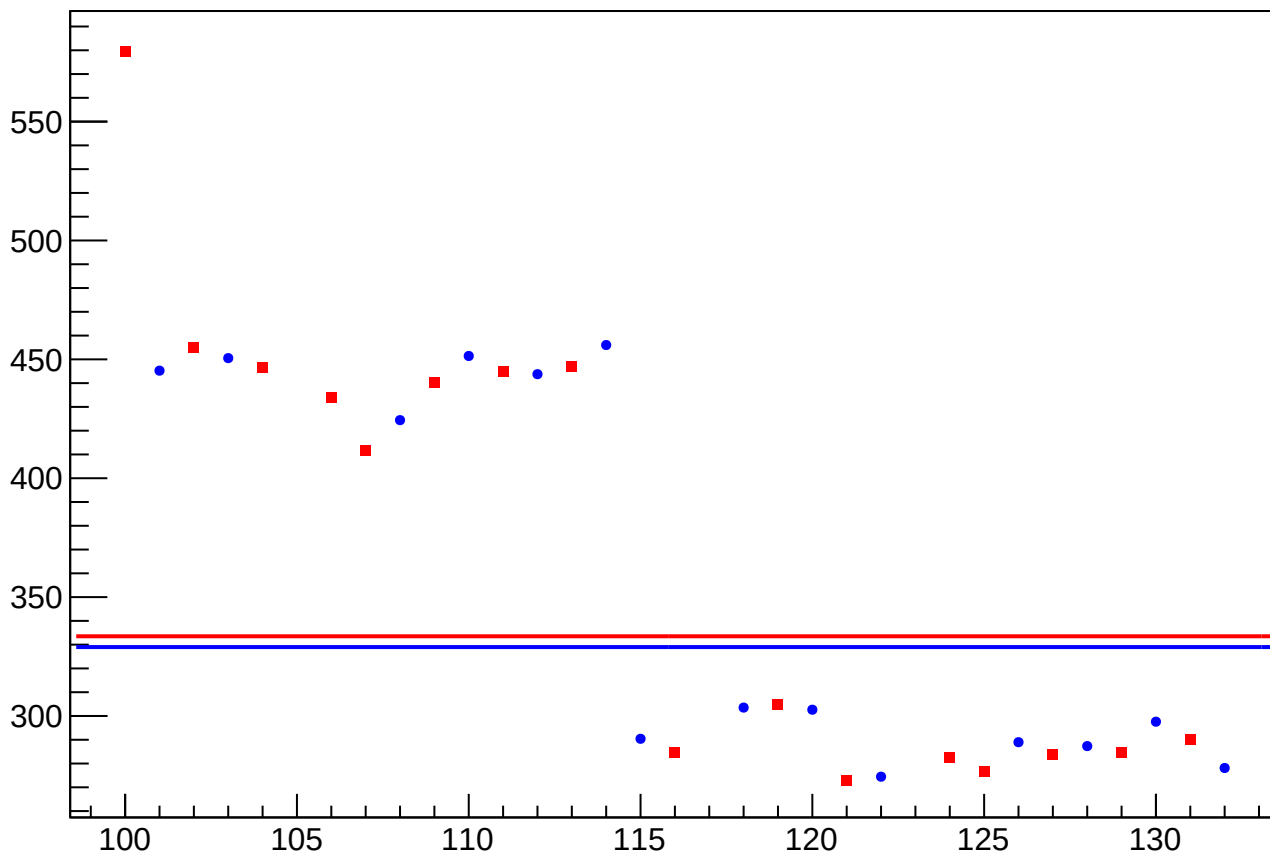
Right: 351.277 $\pm$ 96.902 χ^2 /NDF: 22.9/29

In: 504.664 $\pm$ 137.614 χ^2 /NDF:6.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 351.277 $\pm$ 96.902 χ^2 /NDF: 22.9/29

reg_asym_sam2_rms vs Slug, Sign Corrected



Right In: 328.984+/-0.097 χ^2/NDF : 484386.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 333.524+/-0.097 χ^2/NDF : 589711.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

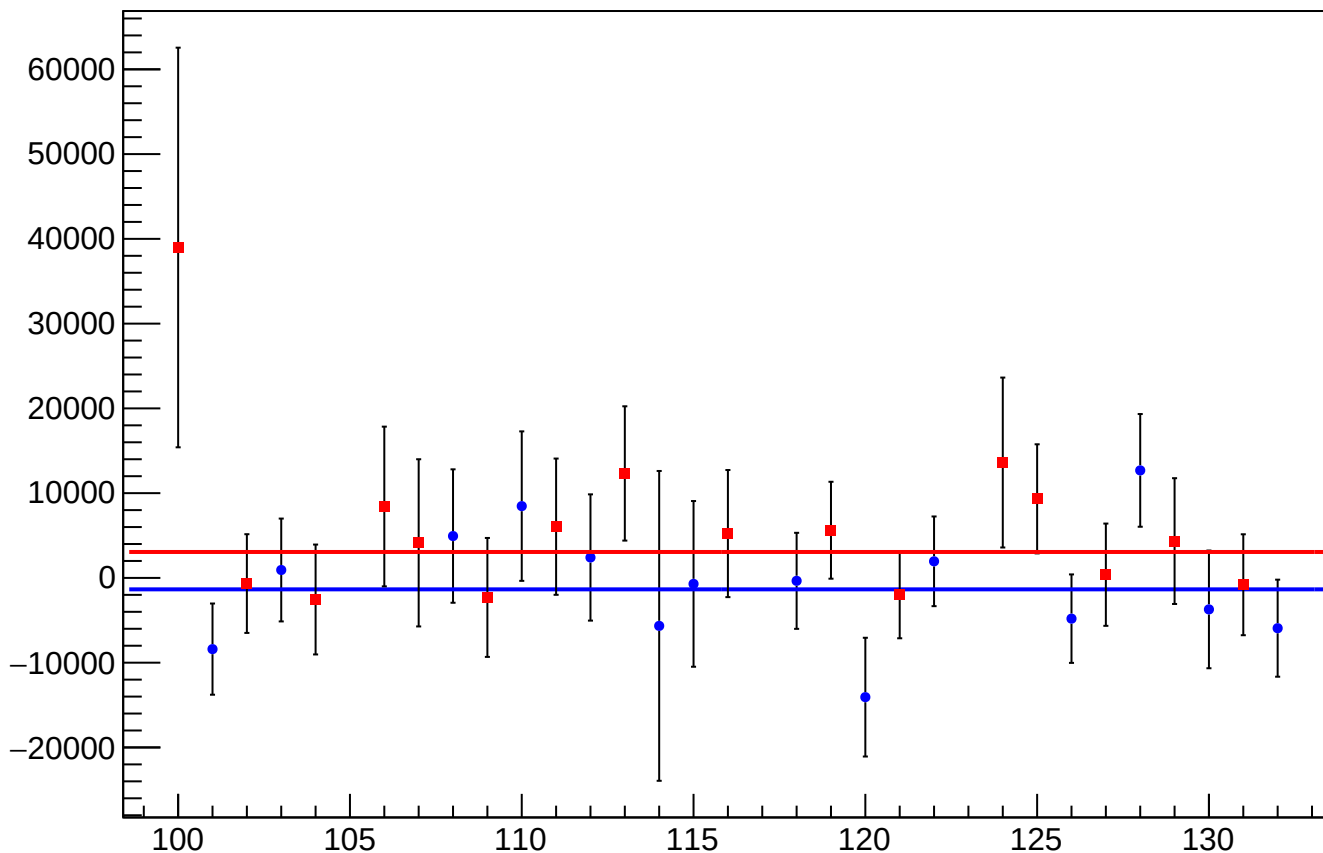
Right: 331.273+/-0.069 χ^2/NDF : 1075195.4/29

In: 328.984+/-0.097 χ^2/NDF : 484386.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 331.273+/-0.069 χ^2/NDF : 1075195.4/29

asym_sam2_reg_correction_mean vs Slug, Sign Corrected



Right In: -1349.296 $\pm$ 1767.558 χ^2 /NDF: 13.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3060.115 $\pm$ 1760.457 χ^2 /NDF: 9.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

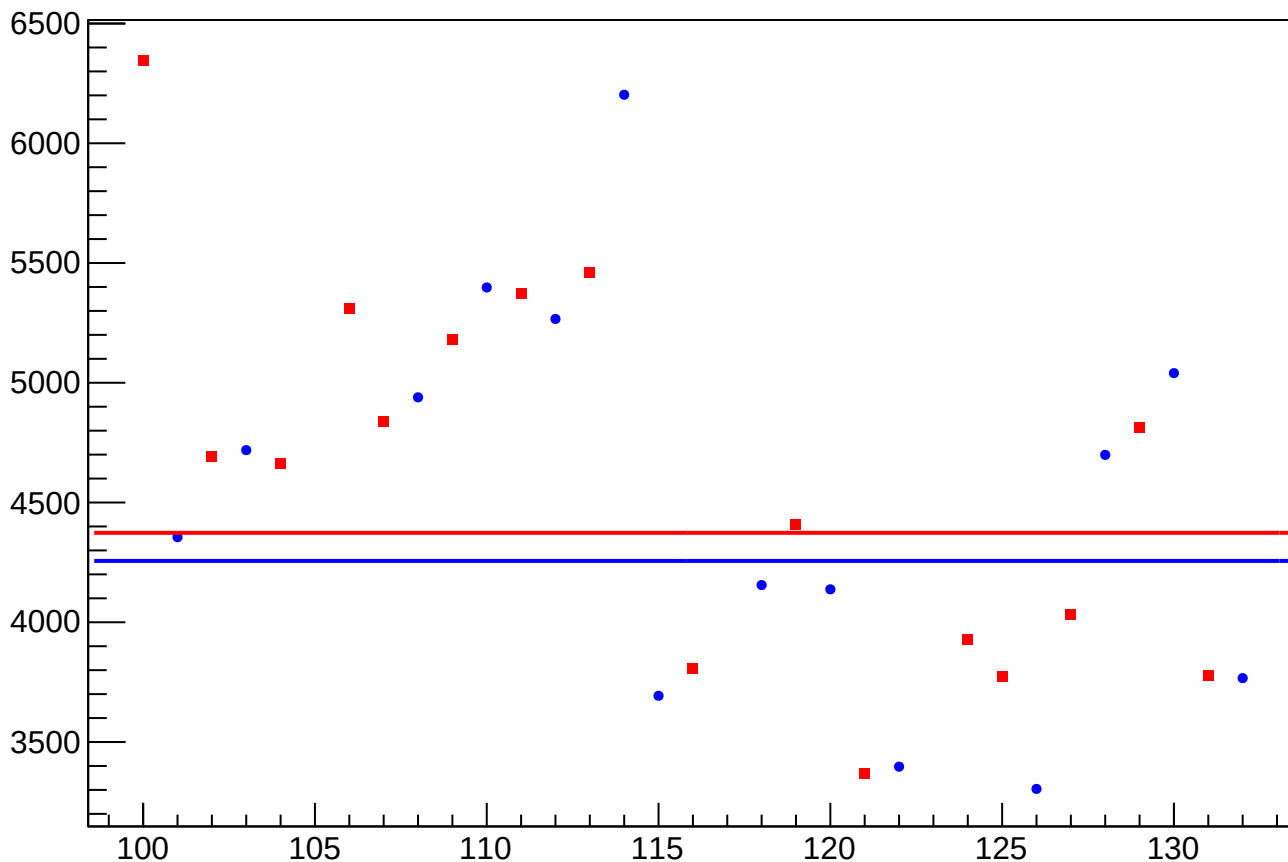
Right: 864.285 $\pm$ 1247.334 χ^2 /NDF: 26.4/29

In: -1349.296 $\pm$ 1767.558 χ^2 /NDF: 13.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 864.285 $\pm$ 1247.334 χ^2 /NDF: 26.4/29

asym_sam2_reg_correction_rms vs Slug, Sign Corrected



Right In: 4256.158+/-1.250 χ^2/NDF : 296517.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4373.527+/-1.245 χ^2/NDF : 286143.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

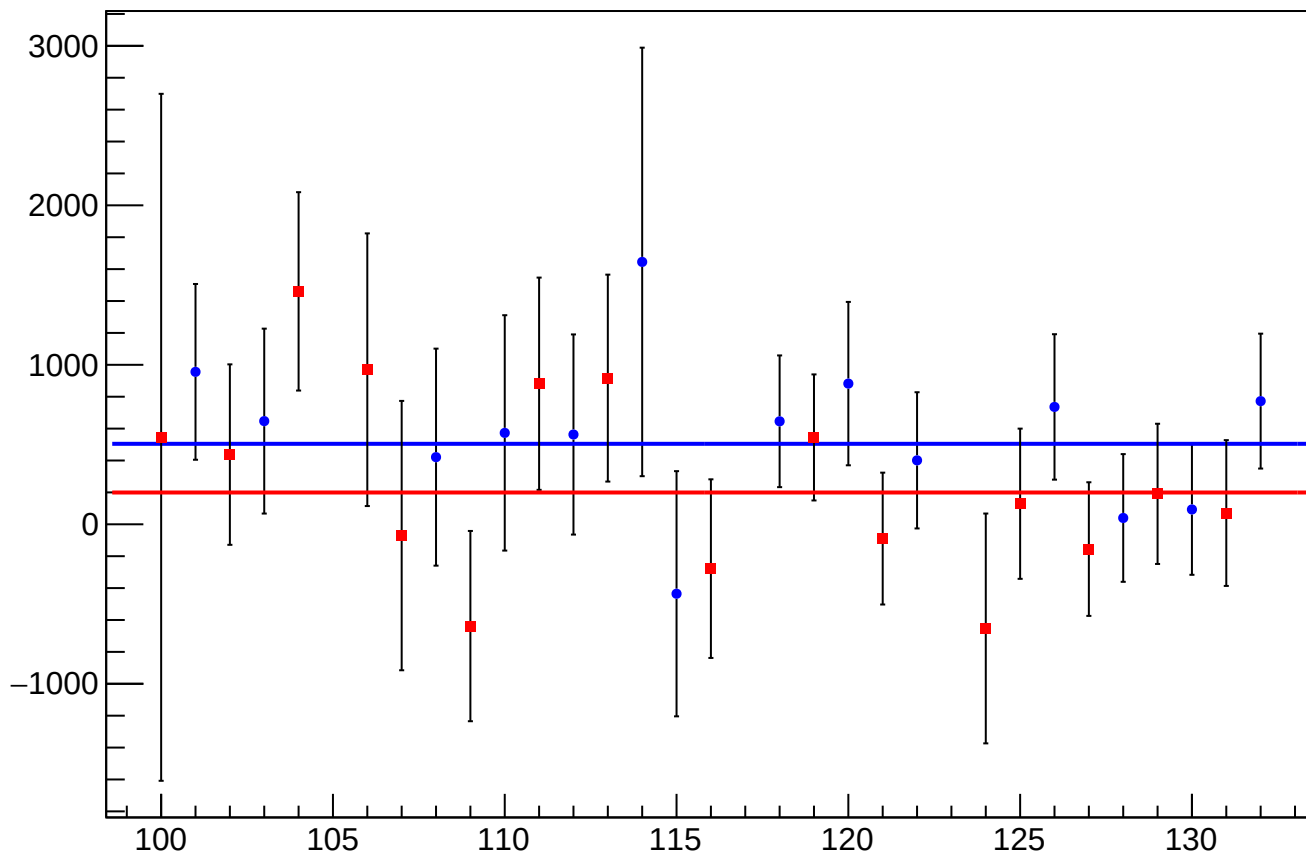
Right: 4315.079+/-0.882 χ^2/NDF : 587088.0/29

In: 4256.158+/-1.250 χ^2/NDF : 296517.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4315.079+/-0.882 χ^2/NDF : 587088.0/29

cor_asym_sam2_mean vs Slug, Sign Corrected



Right In: 504.653+/-137.614 χ^2/NDF : 6.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 199.372+/-136.491 χ^2/NDF : 13.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

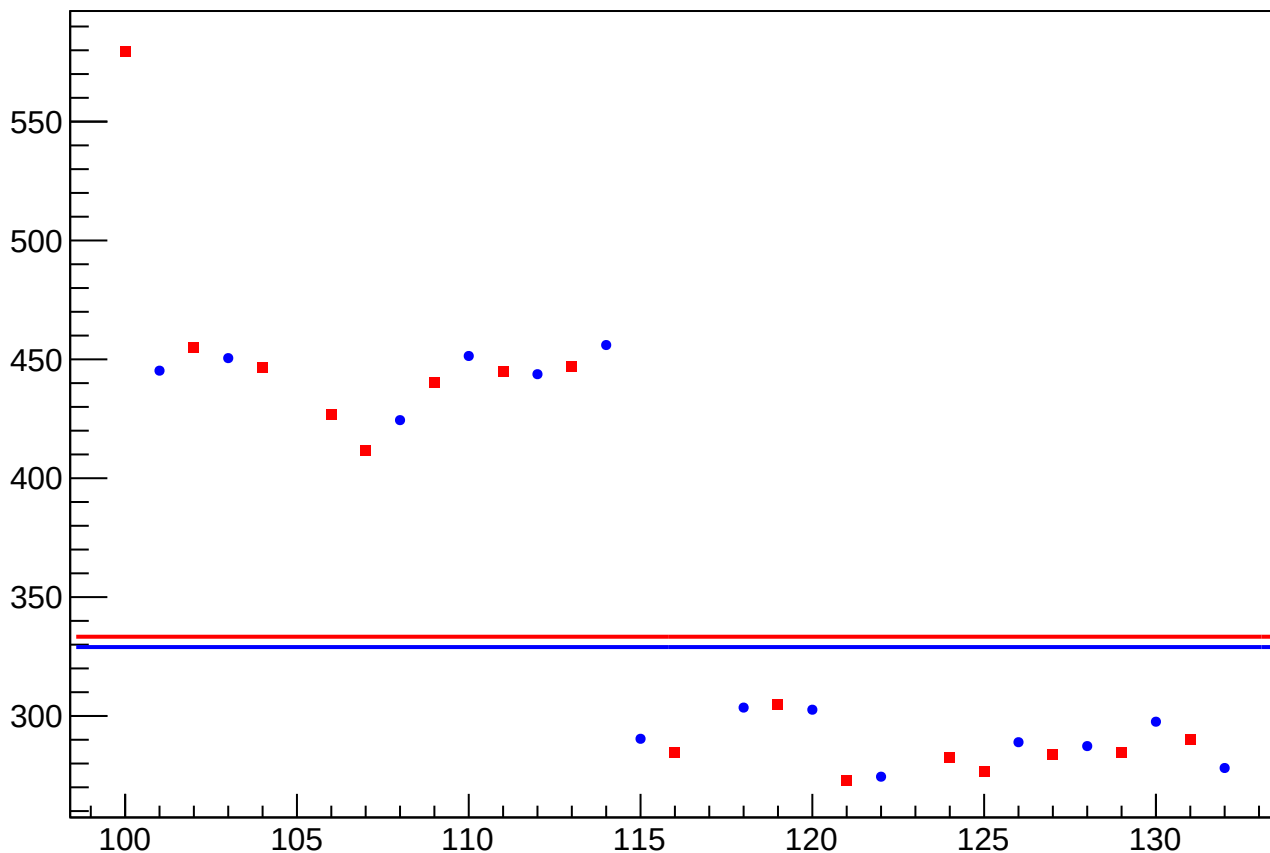
Right: 350.762+/-96.908 χ^2/NDF : 22.9/29

In: 504.653+/-137.614 χ^2/NDF : 6.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 350.762+/-96.908 χ^2/NDF : 22.9/29

cor_asym_sam2_rms vs Slug, Sign Corrected



Right In: 328.984+/-0.097 χ^2/NDF : 484387.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 333.336+/-0.097 χ^2/NDF : 586103.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

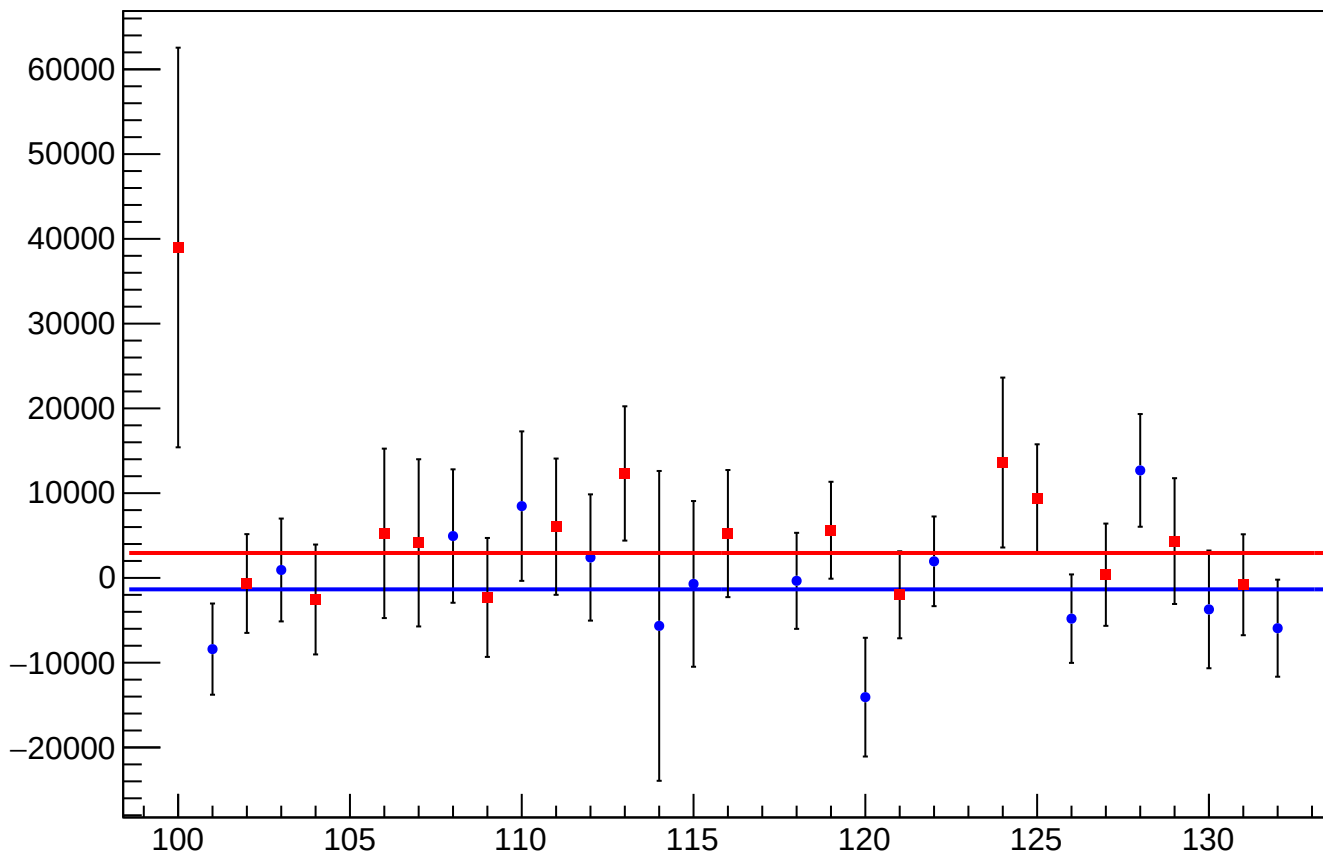
Right: 331.178+/-0.069 χ^2/NDF : 1071499.3/29

In: 328.984+/-0.097 χ^2/NDF : 484387.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 331.178+/-0.069 χ^2/NDF : 1071499.3/29

asym_sam2_cor_correction_mean vs Slug, Sign Corrected



Right In: -1349.144+/-1767.564 χ^2 /NDF: 13.4/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2941.501+/-1763.977 χ^2 /NDF: 9.6/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

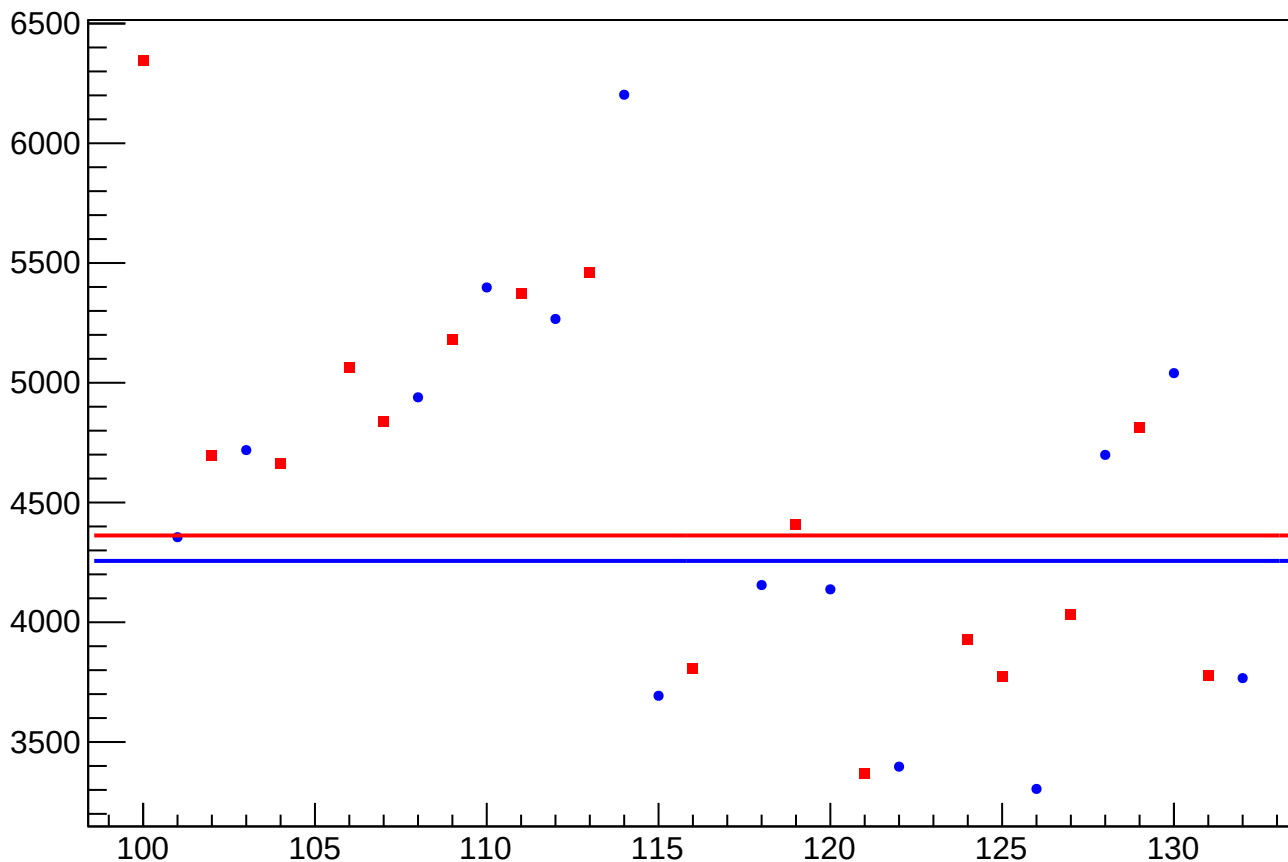
Right: 800.535+/-1248.586 χ^2 /NDF: 26.0/29

In: -1349.144+/-1767.564 χ^2 /NDF:13.4/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 800.535+/-1248.586 χ^2 /NDF: 26.0/29

asym_sam2_cor_correction_rms vs Slug, Sign Corrected



Right In: 4256.169+/-1.250 χ^2/NDF : 296526.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4362.402+/-1.247 χ^2/NDF : 275932.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

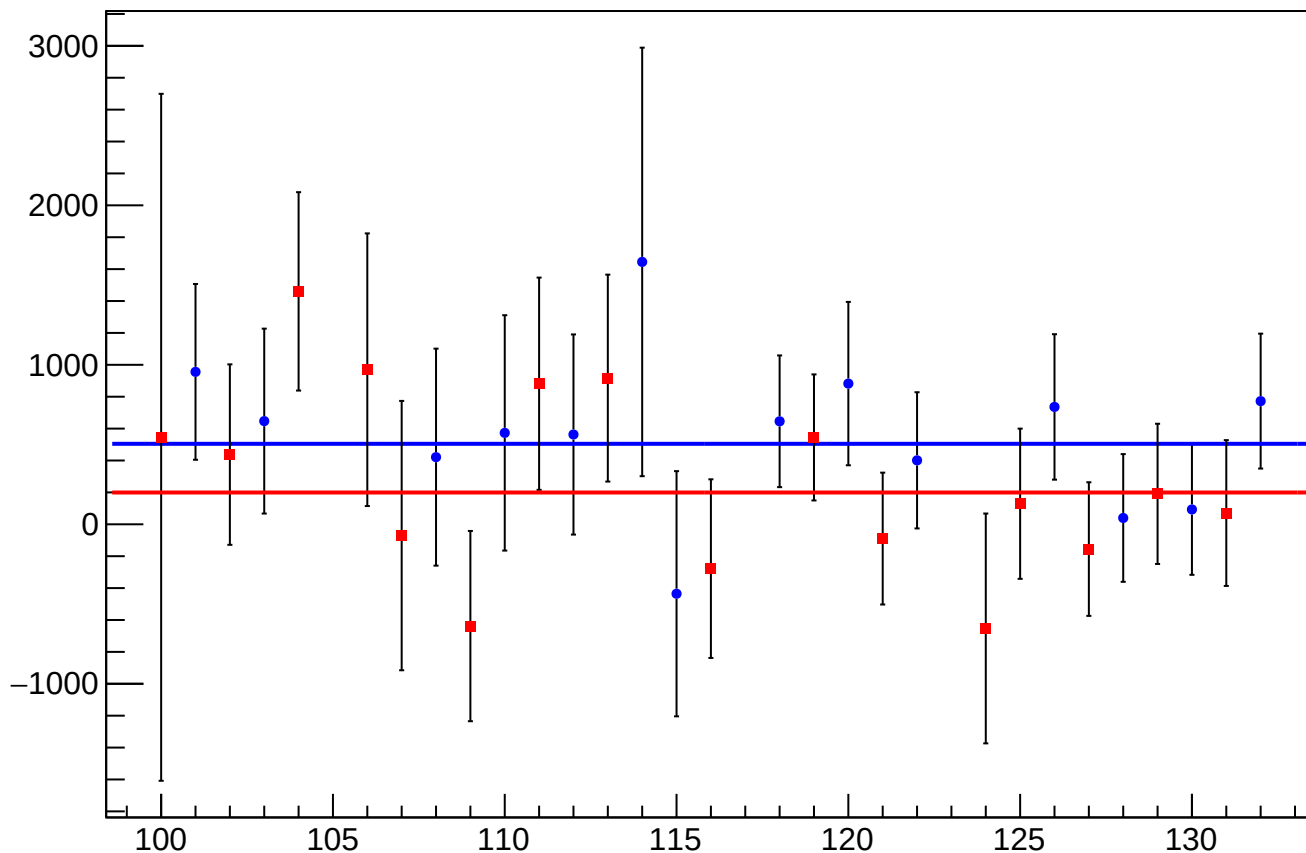
Right: 4309.393+/-0.883 χ^2/NDF : 576079.0/29

In: 4256.169+/-1.250 χ^2/NDF : 296526.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4309.393+/-0.883 χ^2/NDF : 576079.0/29

eigen_cor_asym_sam2_mean vs Slug, Sign Corrected



Right In: 504.653 $\pm$ 137.614 χ^2 /NDF: 6.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 199.372 $\pm$ 136.491 χ^2 /NDF: 13.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

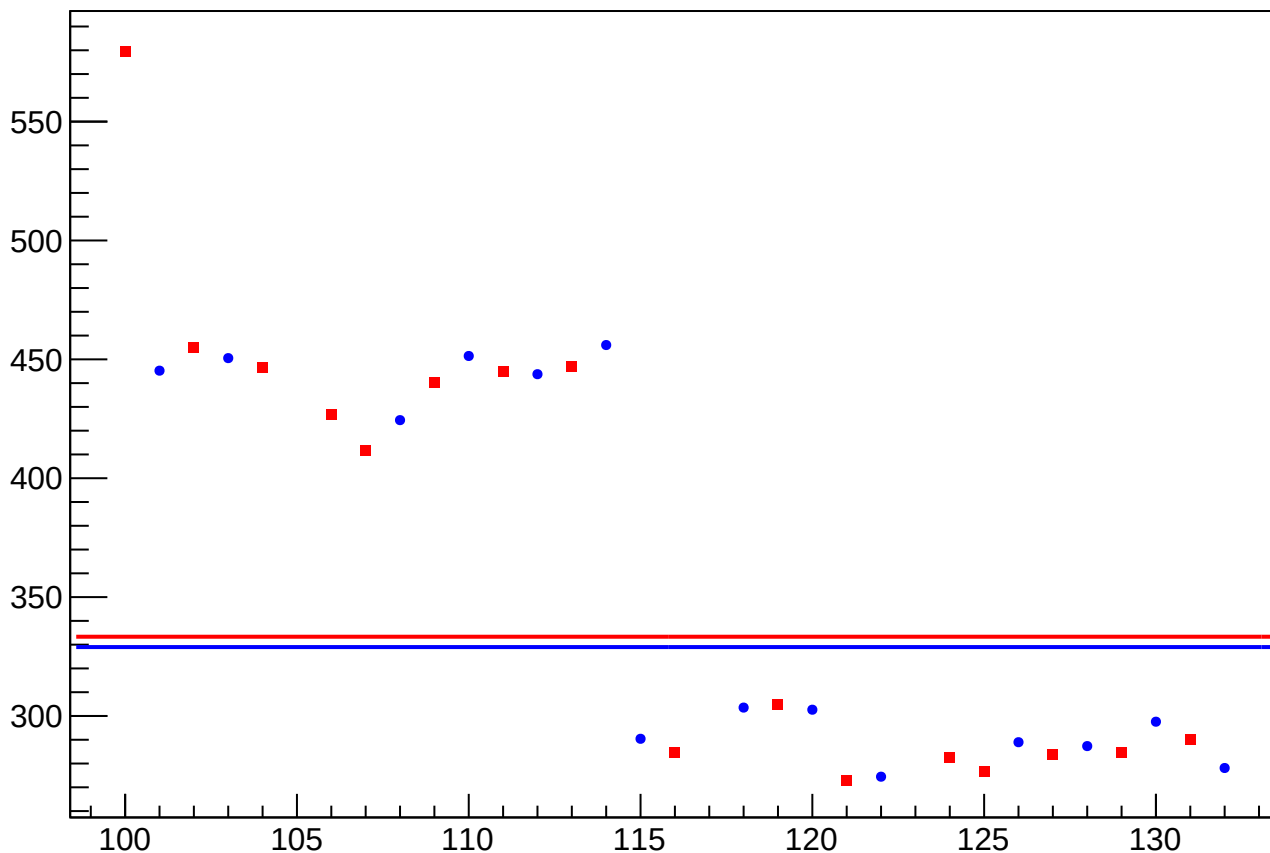
Right: 350.762 $\pm$ 96.908 χ^2 /NDF: 22.9/29

In: 504.653 $\pm$ 137.614 χ^2 /NDF:6.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 350.762 $\pm$ 96.908 χ^2 /NDF: 22.9/29

eigen_cor_asym_sam2_rms vs Slug, Sign Corrected



Right In: 328.984+/-0.097 χ^2/NDF : 484387.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 333.336+/-0.097 χ^2/NDF : 586103.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

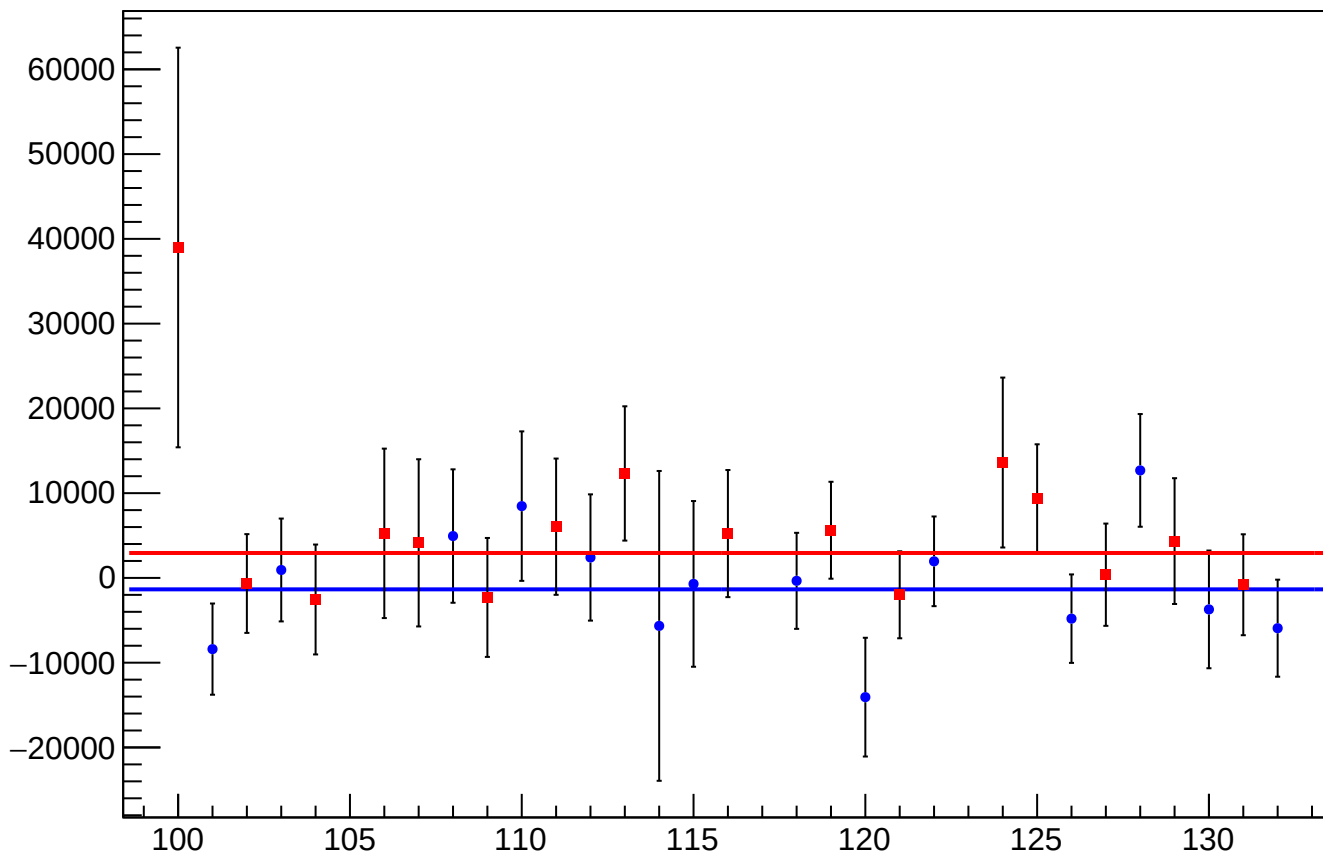
Right: 331.178+/-0.069 χ^2/NDF : 1071499.3/29

In: 328.984+/-0.097 χ^2/NDF : 484387.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 331.178+/-0.069 χ^2/NDF : 1071499.3/29

asym_sam2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1349.144+/-1767.564 χ^2/NDF : 13.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2941.501+/-1763.977 χ^2/NDF : 9.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

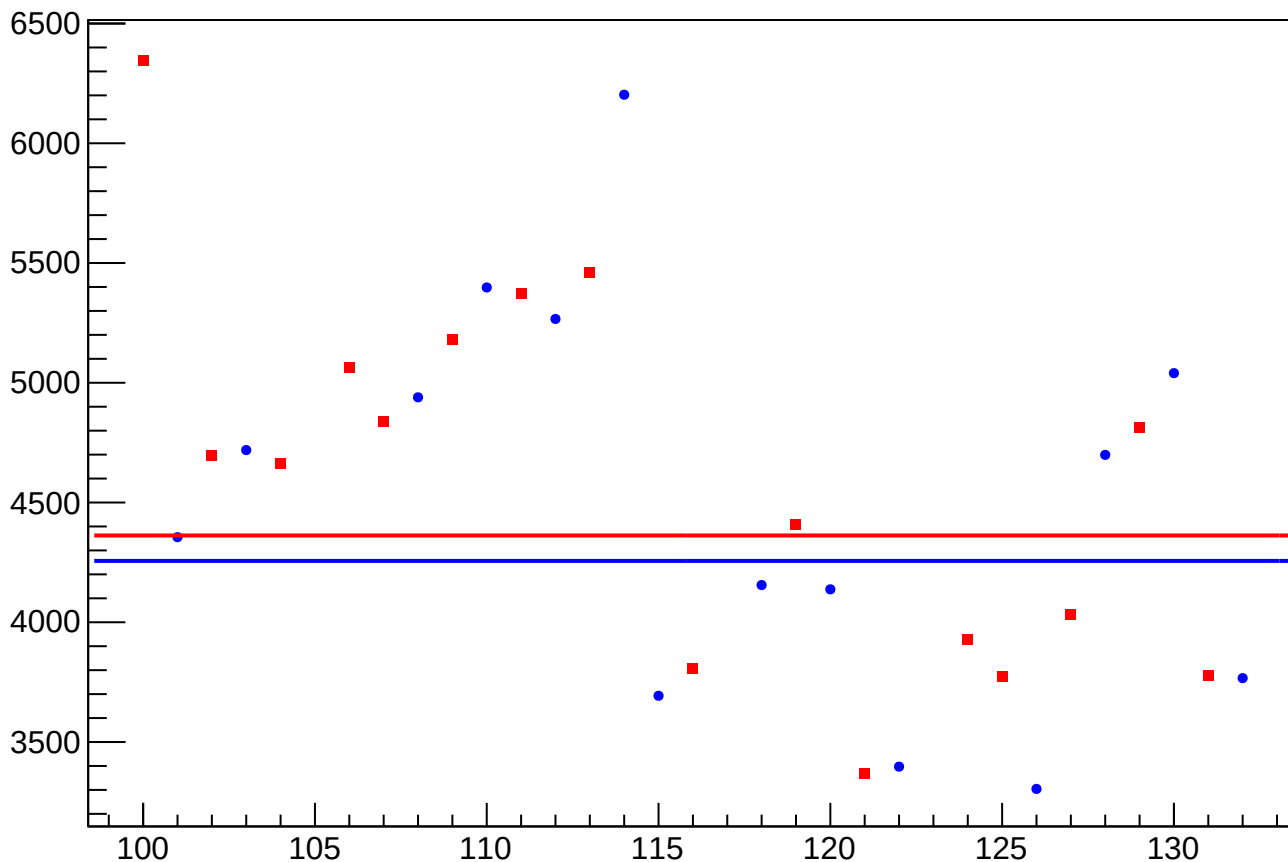
Right: 800.535+/-1248.586 χ^2/NDF : 26.0/29

In: -1349.144+/-1767.564 χ^2/NDF : 13.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 800.535+/-1248.586 χ^2/NDF : 26.0/29

asym_sam2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4256.169+/-1.250 χ^2/NDF : 296526.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4362.402+/-1.247 χ^2/NDF : 275932.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

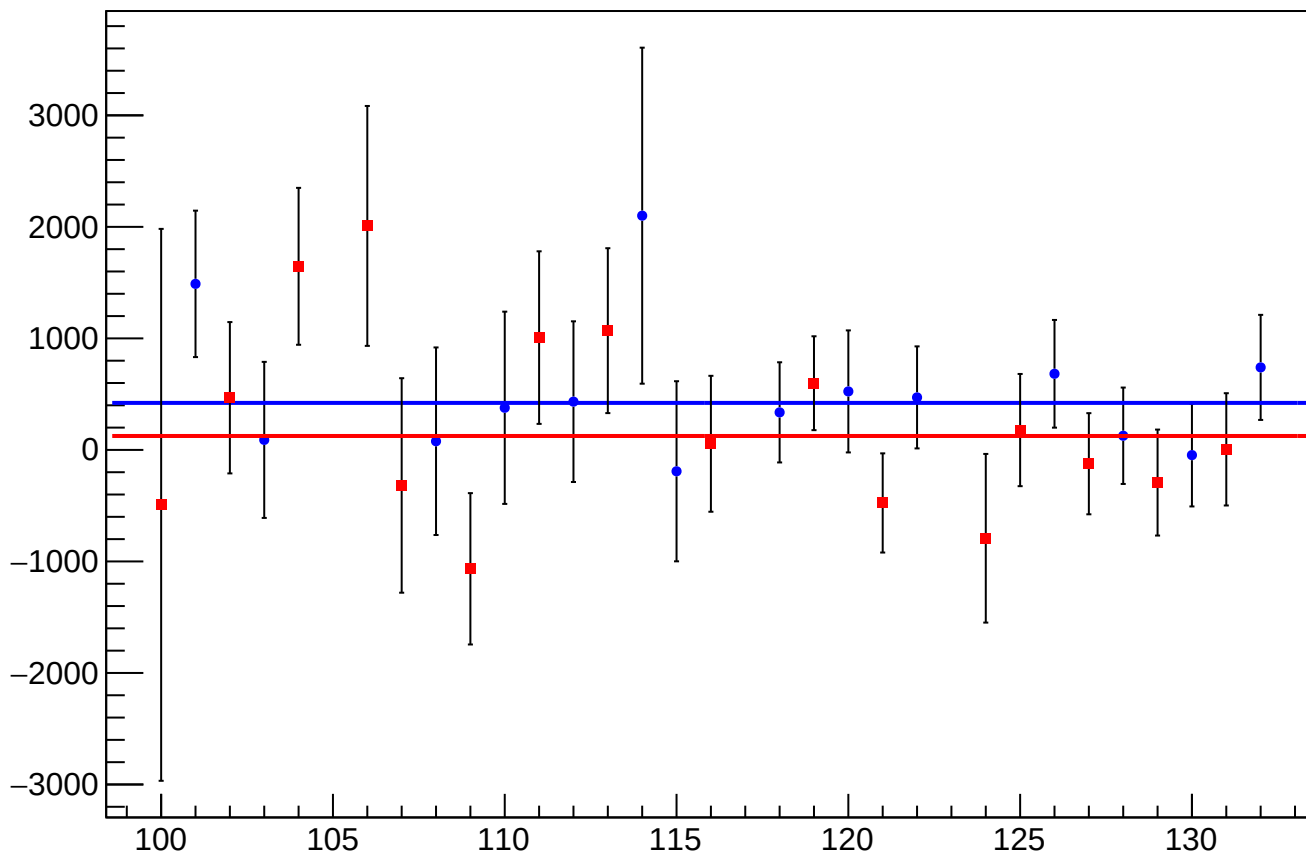
Right: 4309.393+/-0.883 χ^2/NDF : 576079.0/29

In: 4256.169+/-1.250 χ^2/NDF : 296526.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4309.393+/-0.883 χ^2/NDF : 576079.0/29

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 421.604 $\pm$ 152.557 χ^2 /NDF: 7.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 124.915 $\pm$ 150.228 χ^2 /NDF: 20.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

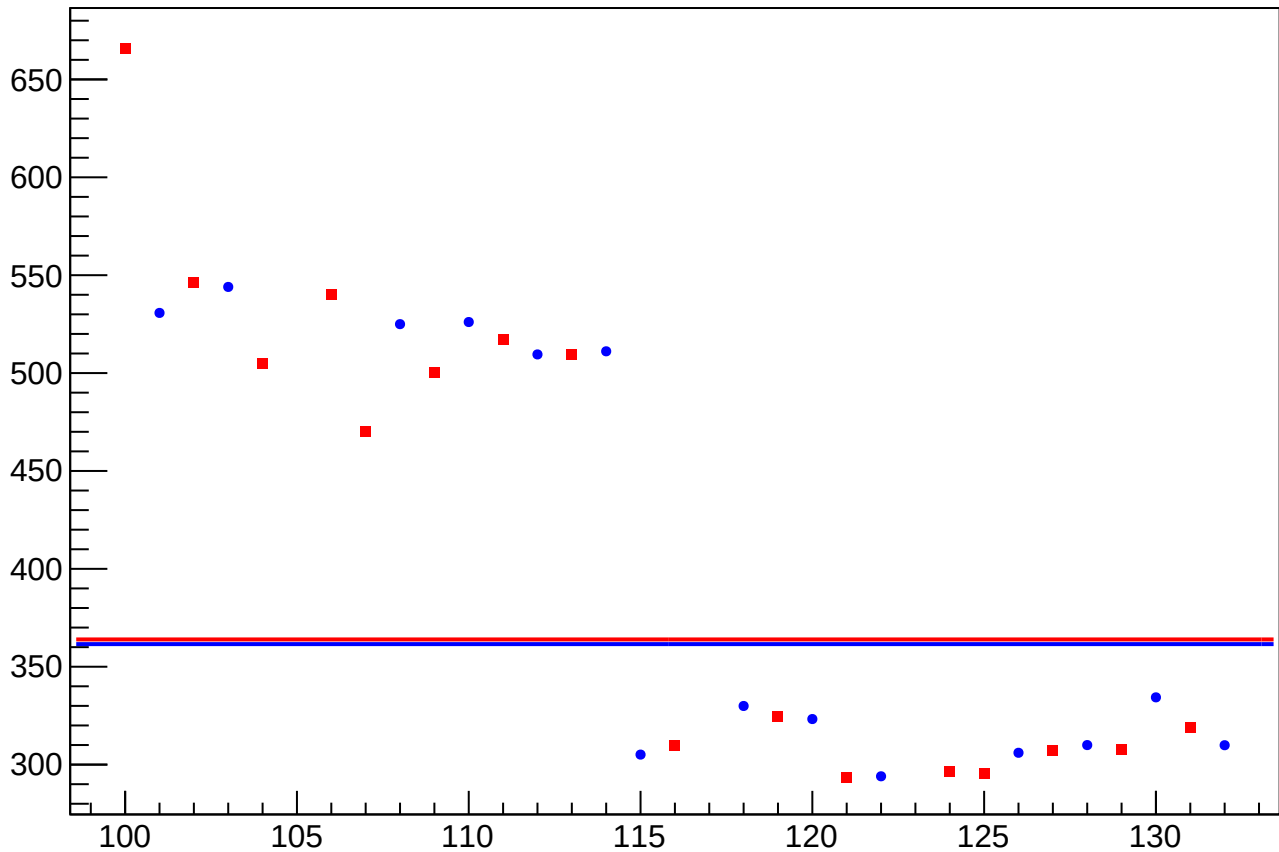
Right: 270.977 $\pm$ 107.041 χ^2 /NDF: 29.1/29

In: 421.604 $\pm$ 152.557 χ^2 /NDF:7.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 270.977 $\pm$ 107.041 χ^2 /NDF: 29.1/29

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 361.548+/-0.108 χ^2/NDF : 680269.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 363.940+/-0.106 χ^2/NDF : 781395.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

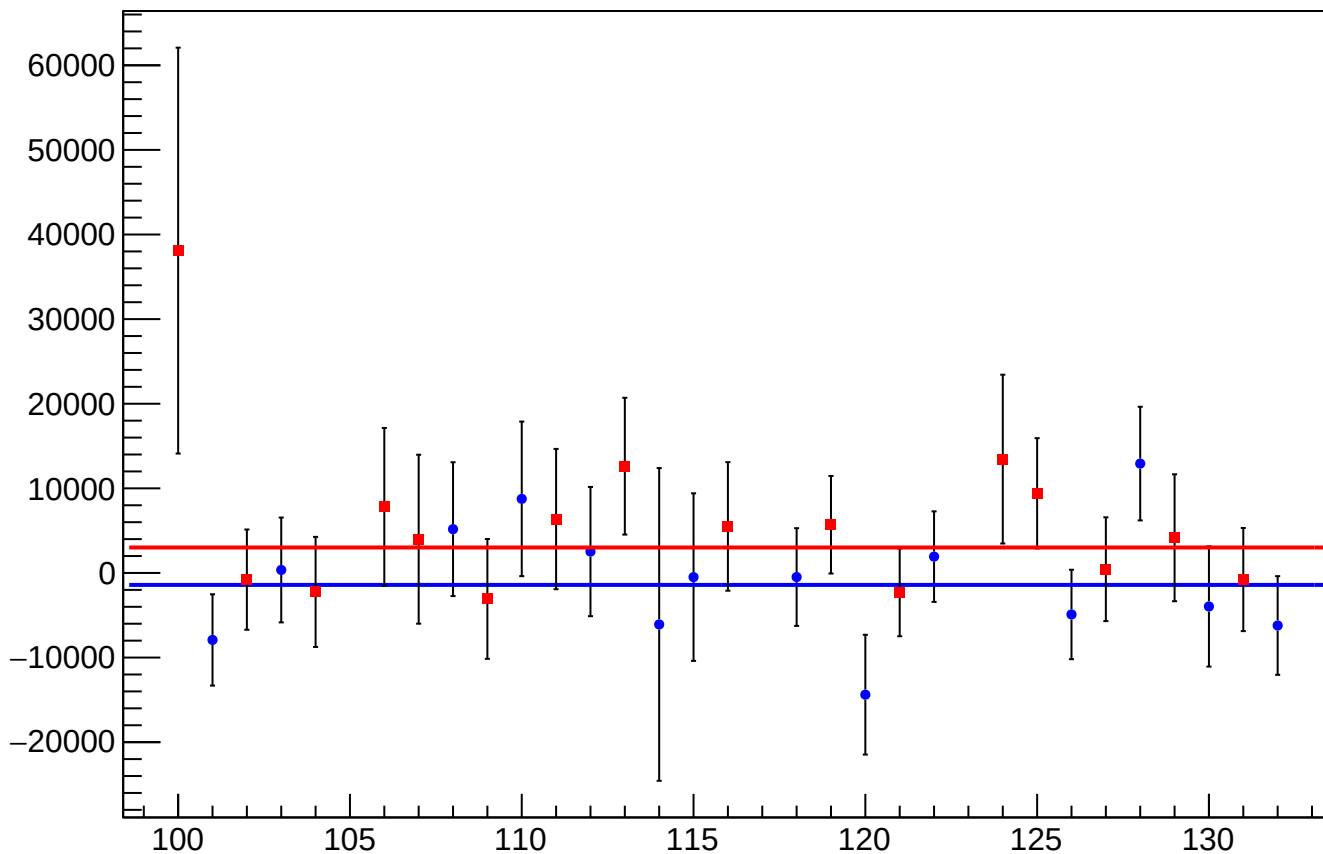
Right: 362.762+/-0.076 χ^2/NDF : 1461914.4/29

In: 361.548+/-0.108 χ^2/NDF : 680269.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 362.762+/-0.076 χ^2/NDF : 1461914.4/29

asym_sam2_dit_correction_mean vs Slug, Sign Corrected



Right In: -1411.948+/-1794.035 χ^2/NDF : 13.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3011.751+/-1782.553 χ^2/NDF : 9.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

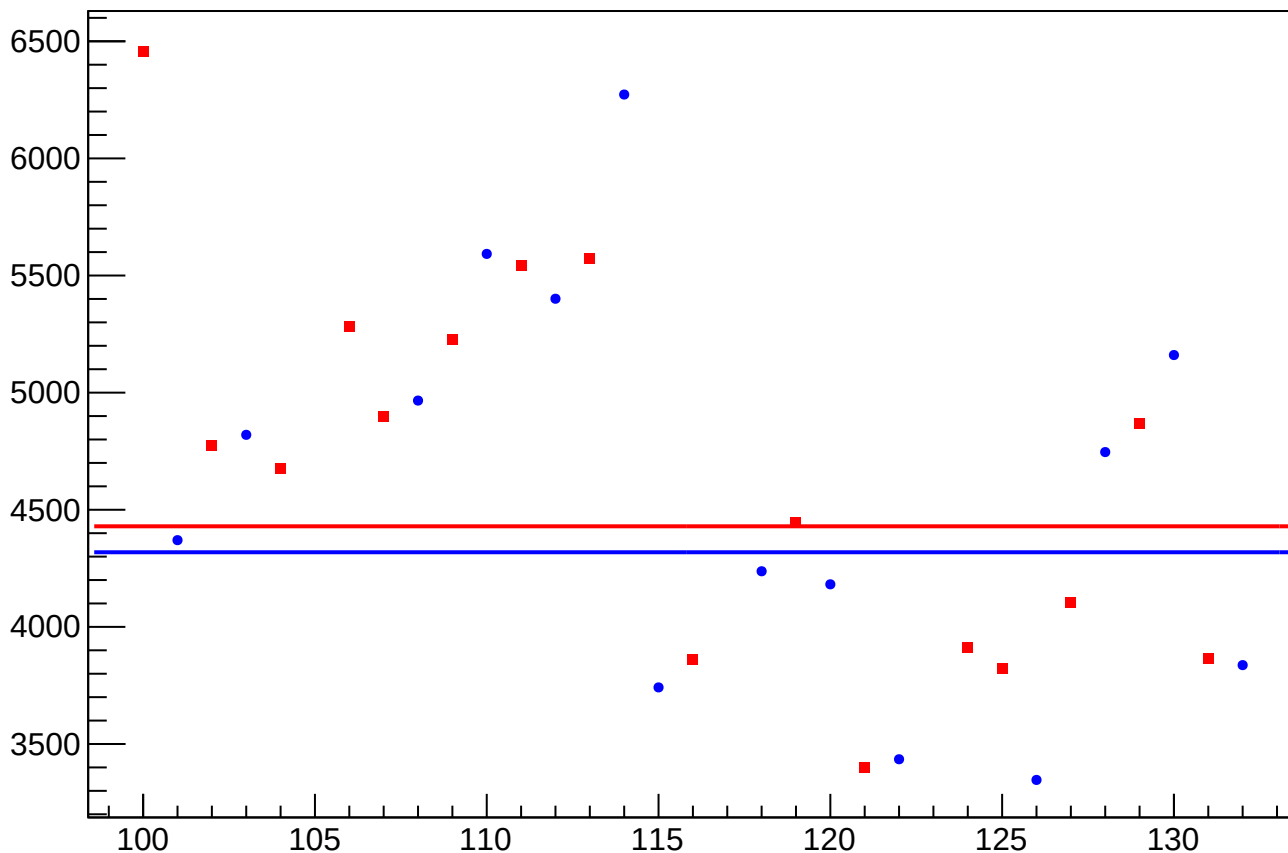
Right: 814.104+/-1264.495 χ^2/NDF : 26.3/29

In: -1411.948+/-1794.035 χ^2/NDF : 13.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 814.104+/-1264.495 χ^2/NDF : 26.3/29

asym_sam2_dit_correction_rms vs Slug, Sign Corrected



Right In: 4318.568+/-1.269 χ^2/NDF : 308052.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4429.384+/-1.260 χ^2/NDF : 289277.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

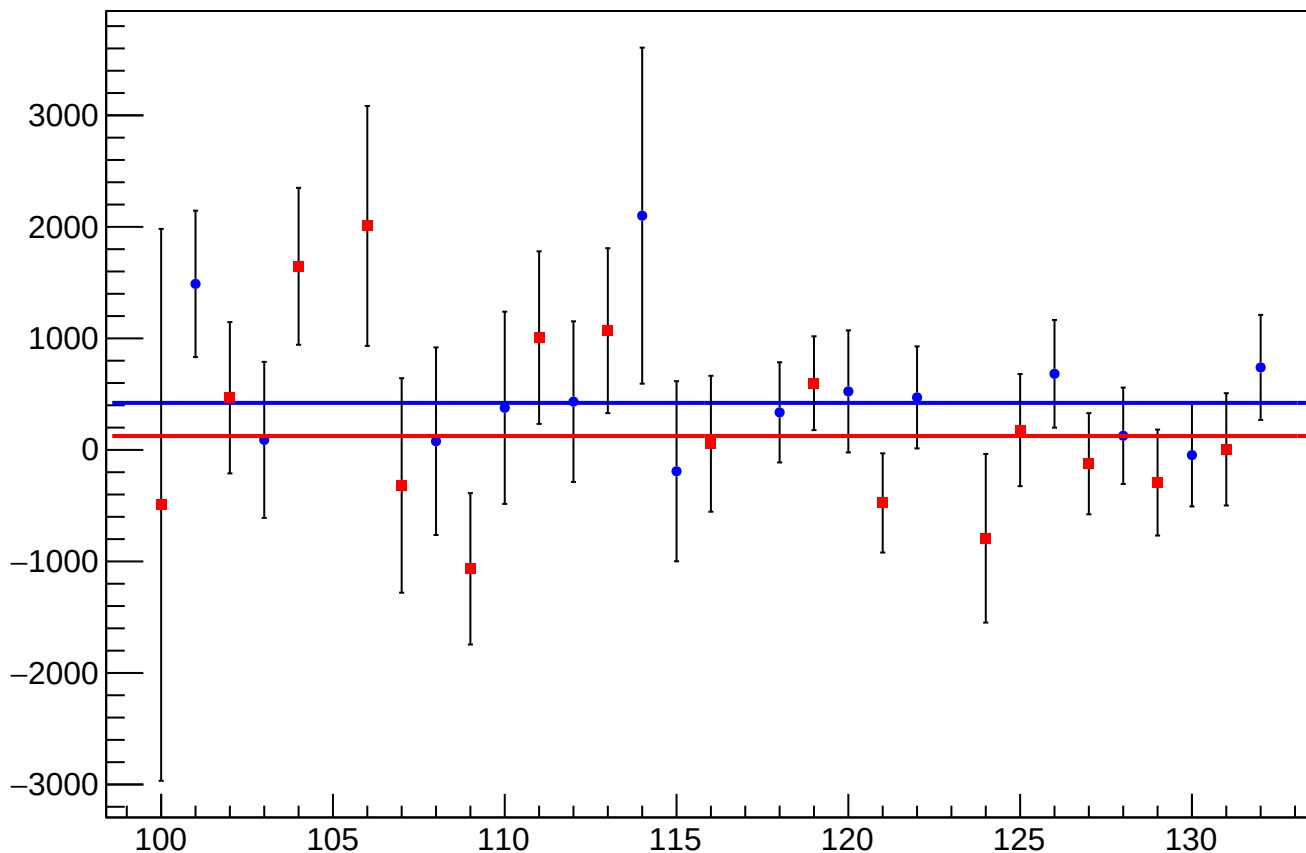
Right: 4374.332+/-0.894 χ^2/NDF : 601169.5/29

In: 4318.568+/-1.269 χ^2/NDF : 308052.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4374.332+/-0.894 χ^2/NDF : 601169.5/29

eigen_dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 421.602 $\pm$ 152.556 χ^2 /NDF: 7.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 124.913 $\pm$ 150.227 χ^2 /NDF: 20.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

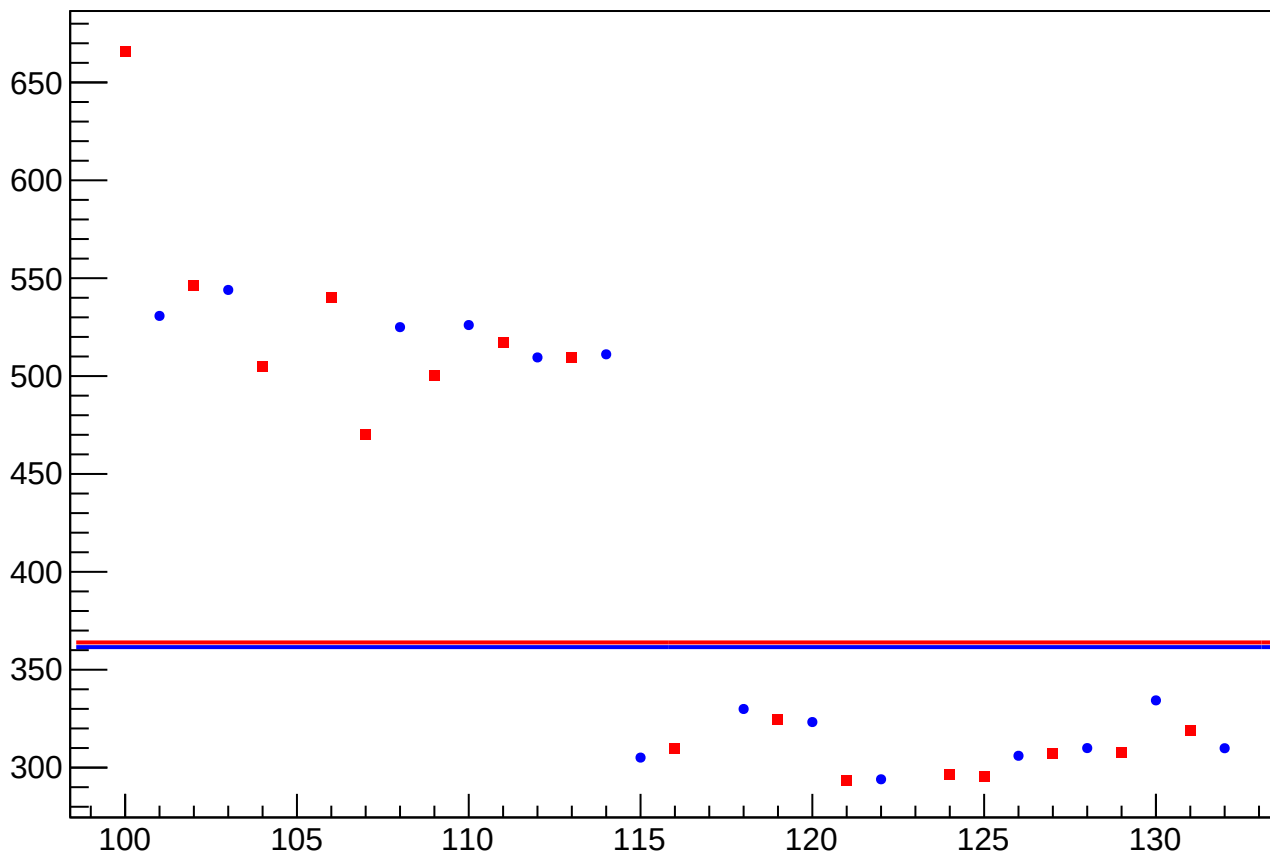
Right: 270.976 $\pm$ 107.040 χ^2 /NDF: 29.1/29

In: 421.602 $\pm$ 152.556 χ^2 /NDF:7.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 270.976 $\pm$ 107.040 χ^2 /NDF: 29.1/29

eigen_dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 361.545+/-0.108 χ^2/NDF : 680269.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 363.938+/-0.106 χ^2/NDF : 781387.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

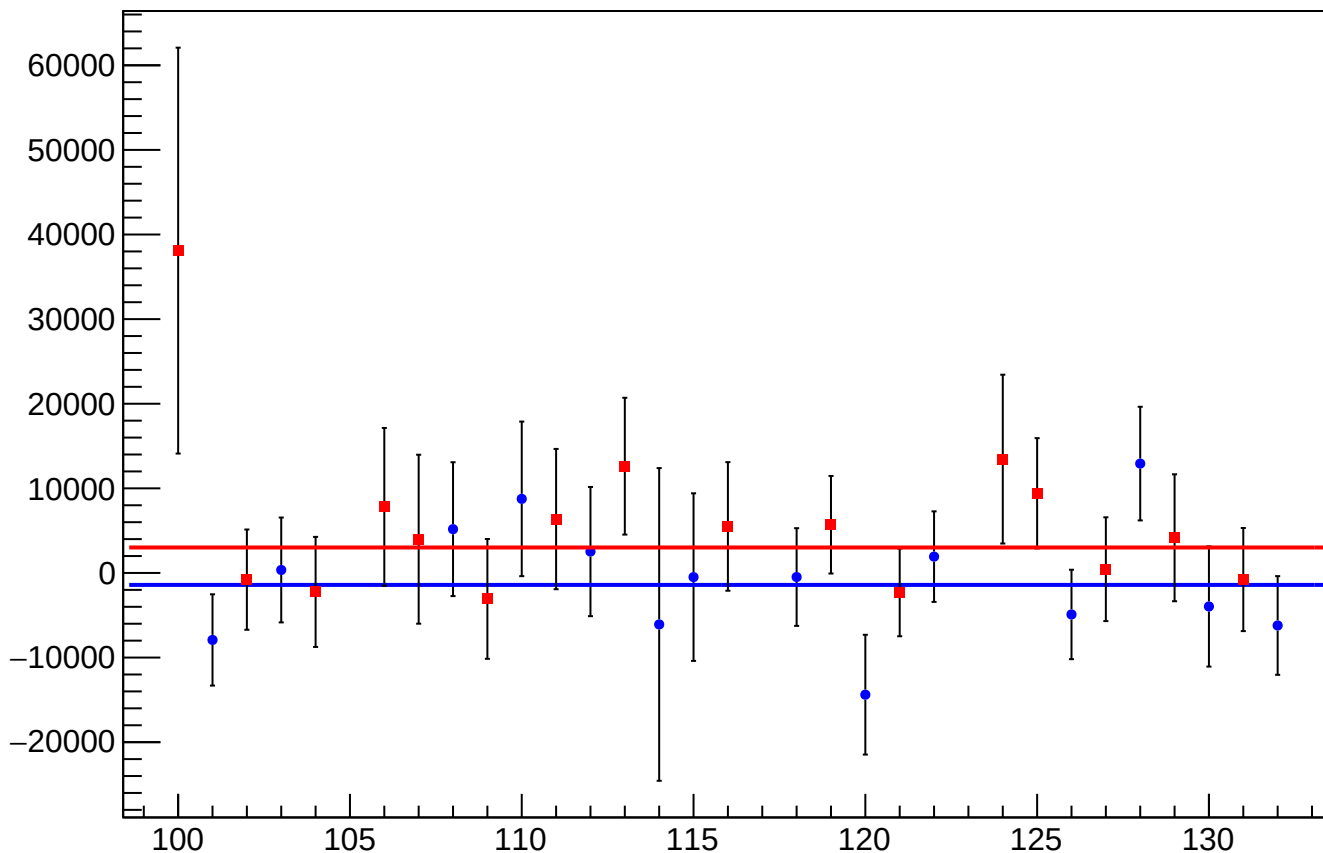
Right: 362.760+/-0.076 χ^2/NDF : 1461906.0/29

In: 361.545+/-0.108 χ^2/NDF : 680269.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 362.760+/-0.076 χ^2/NDF : 1461906.0/29

asym_sam2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1411.946 $\pm$ 1794.031 χ^2 /NDF: 13.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3011.744 $\pm$ 1782.548 χ^2 /NDF: 9.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

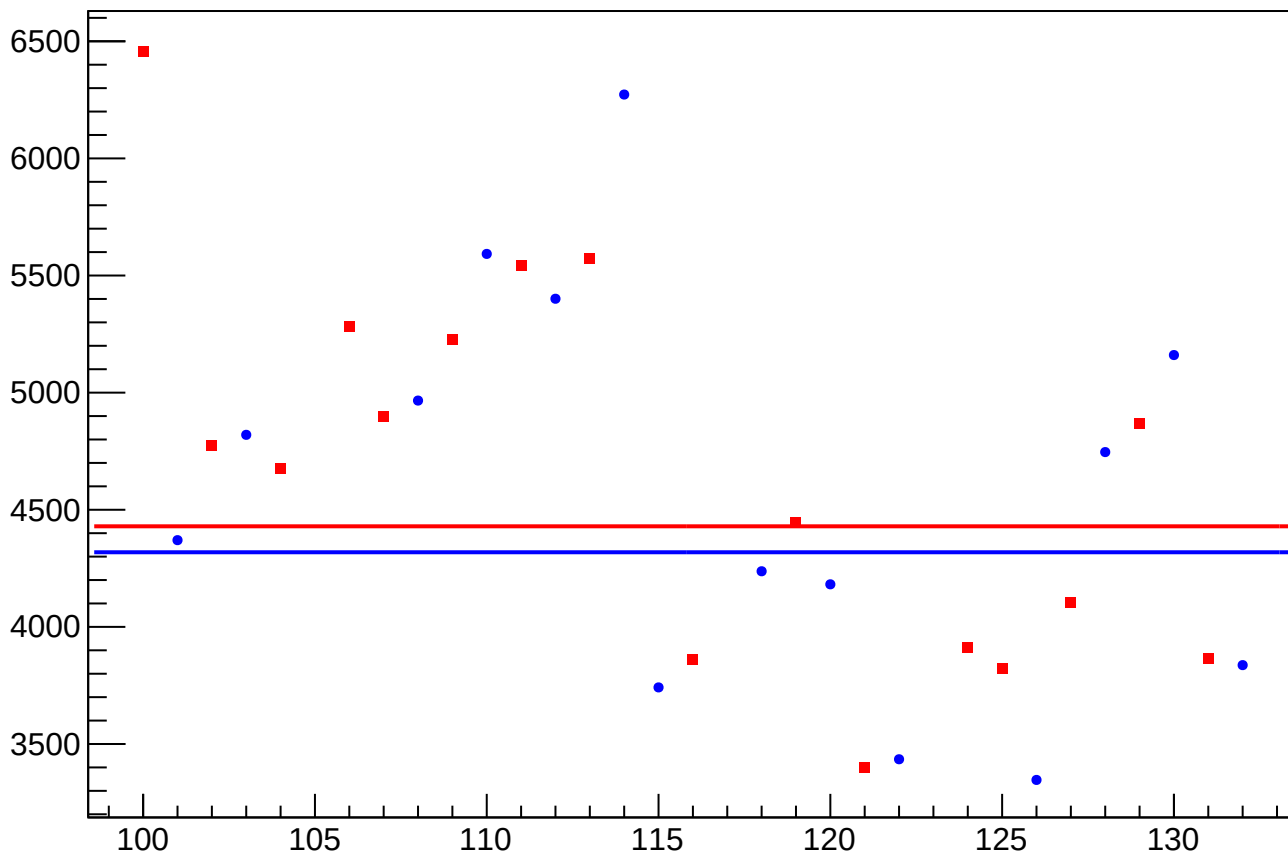
Right: 814.101 $\pm$ 1264.492 χ^2 /NDF: 26.3/29

In: -1411.946 $\pm$ 1794.031 χ^2 /NDF:13.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 814.101 $\pm$ 1264.492 χ^2 /NDF: 26.3/29

asym_sam2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4318.558+/-1.269 χ^2/NDF : 308046.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4429.374+/-1.260 χ^2/NDF : 289273.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

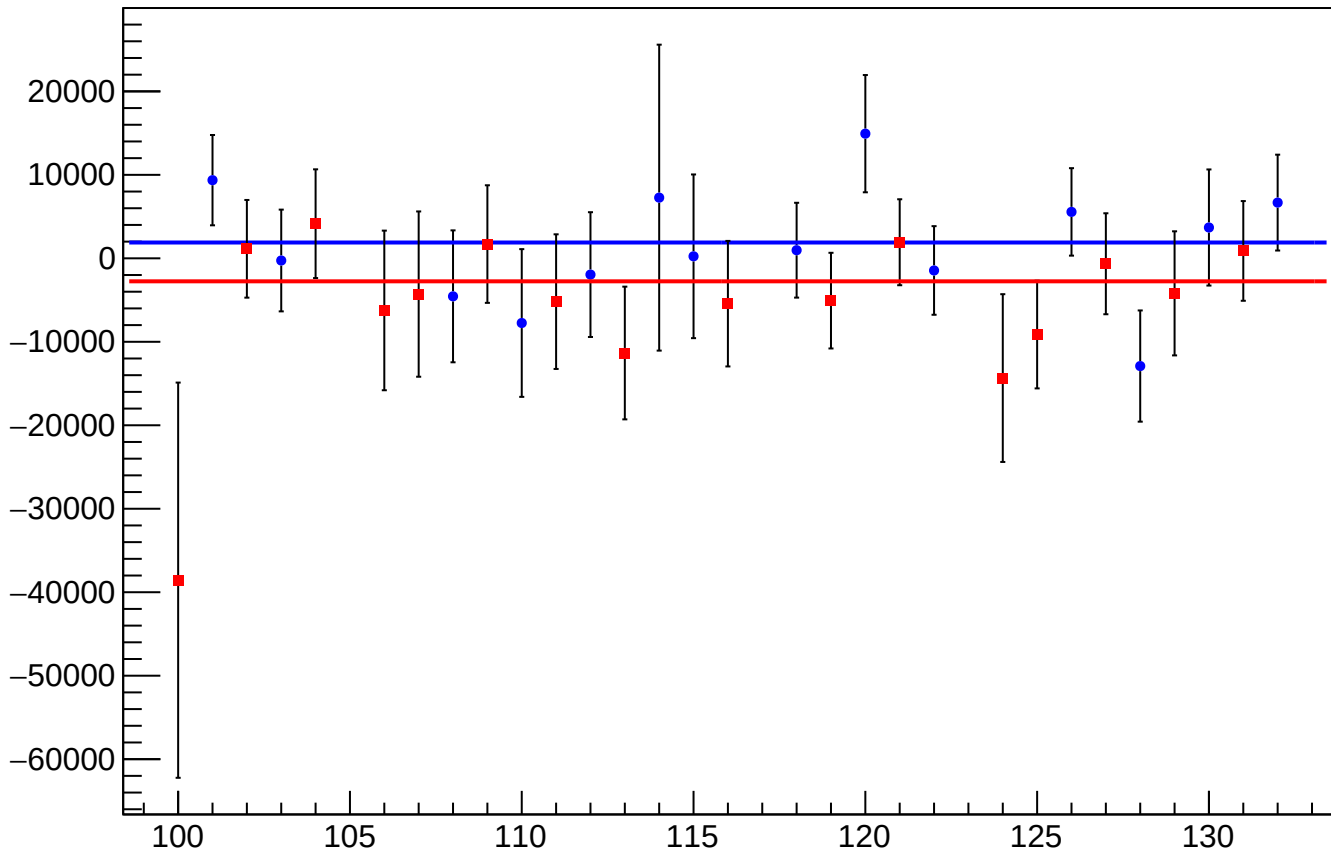
Right: 4374.322+/-0.894 χ^2/NDF : 601159.3/29

In: 4318.558+/-1.269 χ^2/NDF : 308046.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4374.322+/-0.894 χ^2/NDF : 601159.3/29

asym_sam2_mean vs Slug, Sign Corrected



Right In: 1894.513+/-1773.640 χ^2/NDF : 14.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2755.352+/-1766.909 χ^2/NDF : 9.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

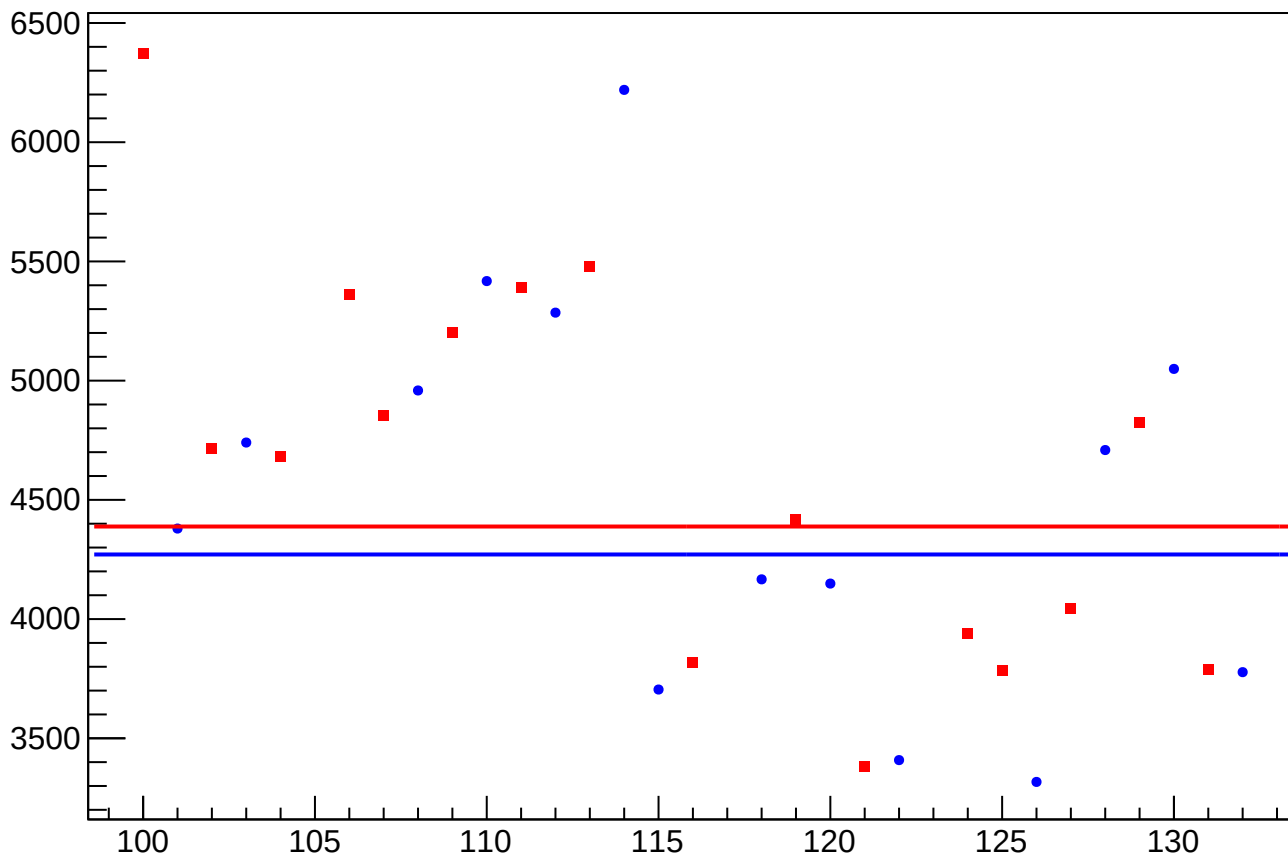
Right: -439.259+/-1251.766 χ^2/NDF : 27.4/29

In: 1894.513+/-1773.640 χ^2/NDF : 14.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -439.259+/-1251.766 χ^2/NDF : 27.4/29

asym_sam2_rms vs Slug, Sign Corrected



Right In: 4270.932+/-1.254 χ^2/NDF : 296379.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4388.189+/-1.249 χ^2/NDF : 287977.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

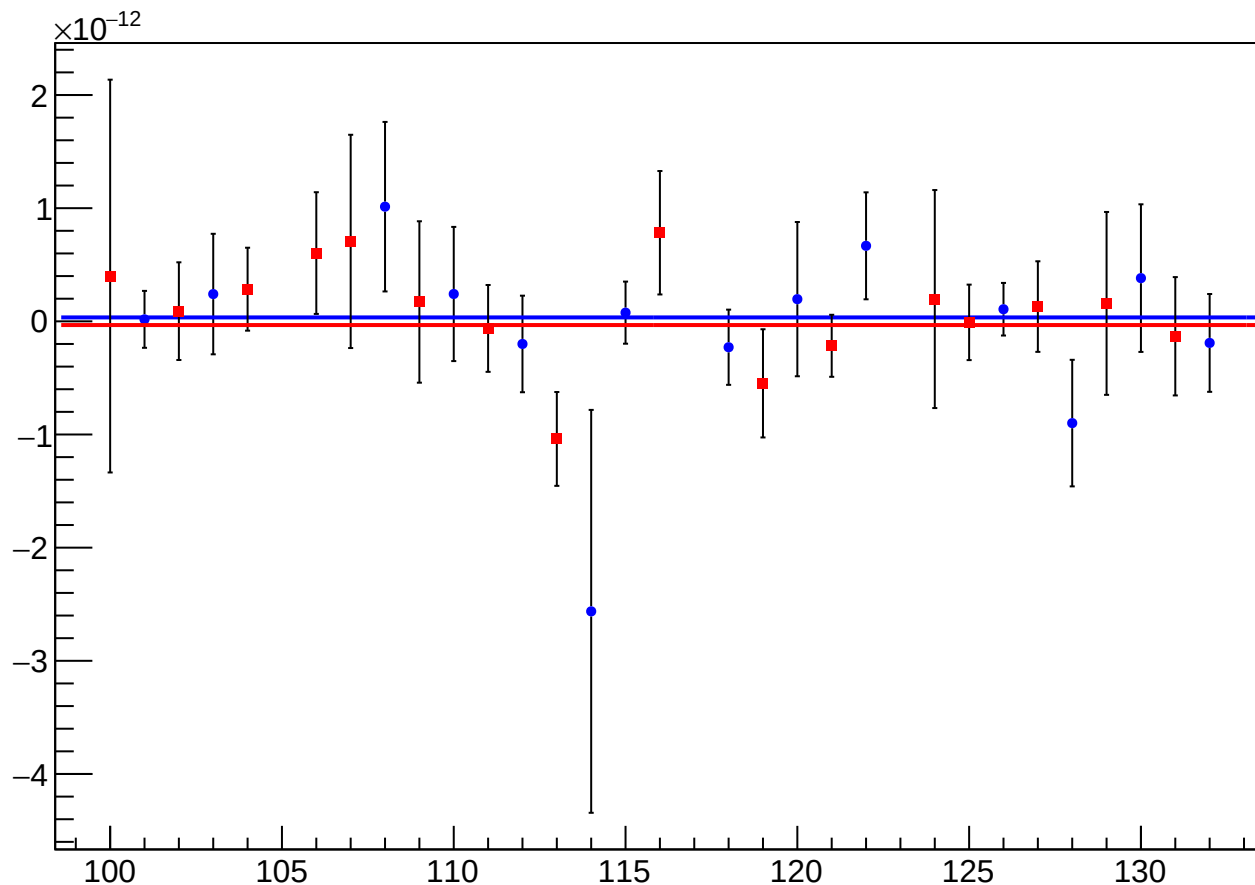
Right: 4329.784+/-0.885 χ^2/NDF : 588743.9/29

In: 4270.932+/-1.254 χ^2/NDF : 296379.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4329.784+/-0.885 χ^2/NDF : 588743.9/29

asym_sam2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

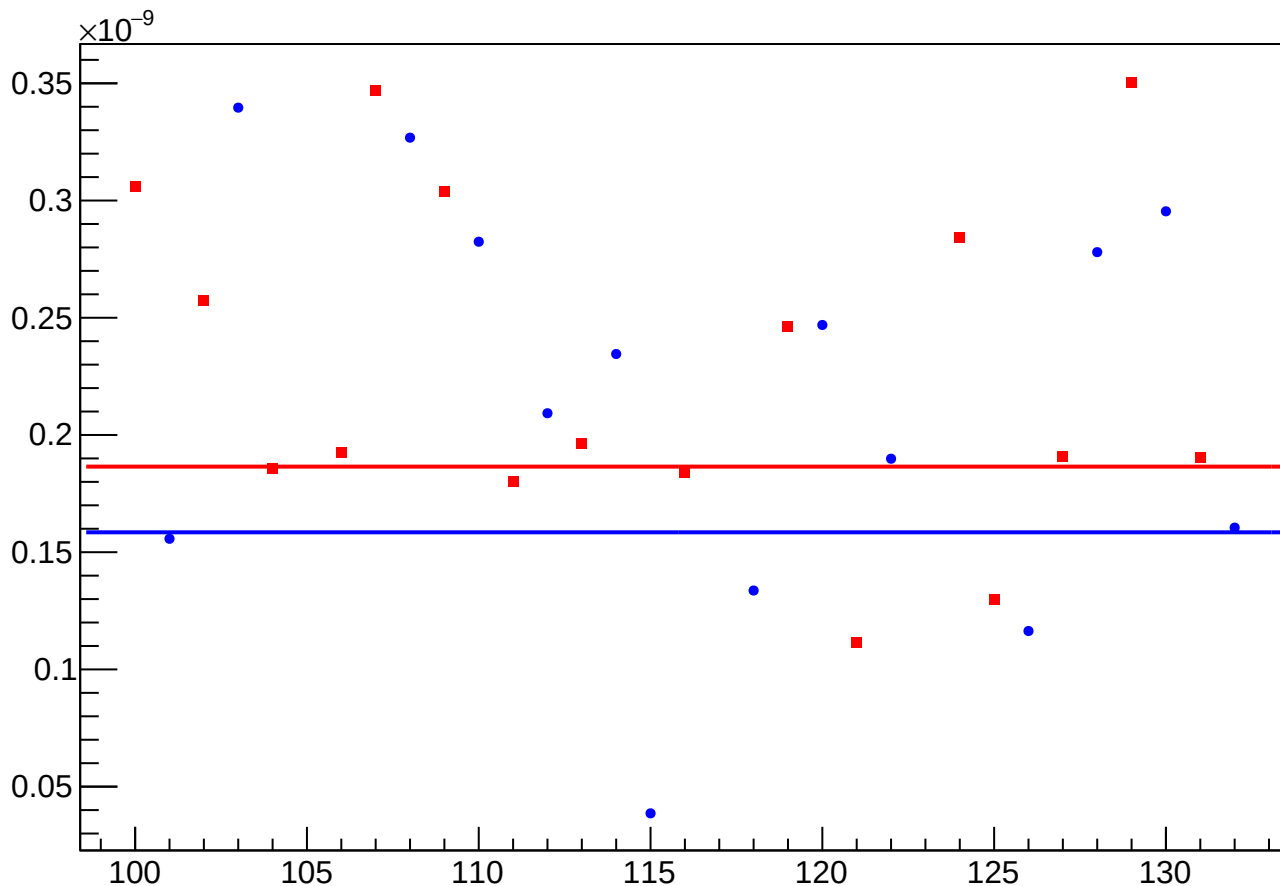
Right: 0.000+/-0.000 χ^2/NDF : 23.6/29

In: 0.000+/-0.000 χ^2/NDF : 10.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.6/29

asym_sam2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1132537.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 519587.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

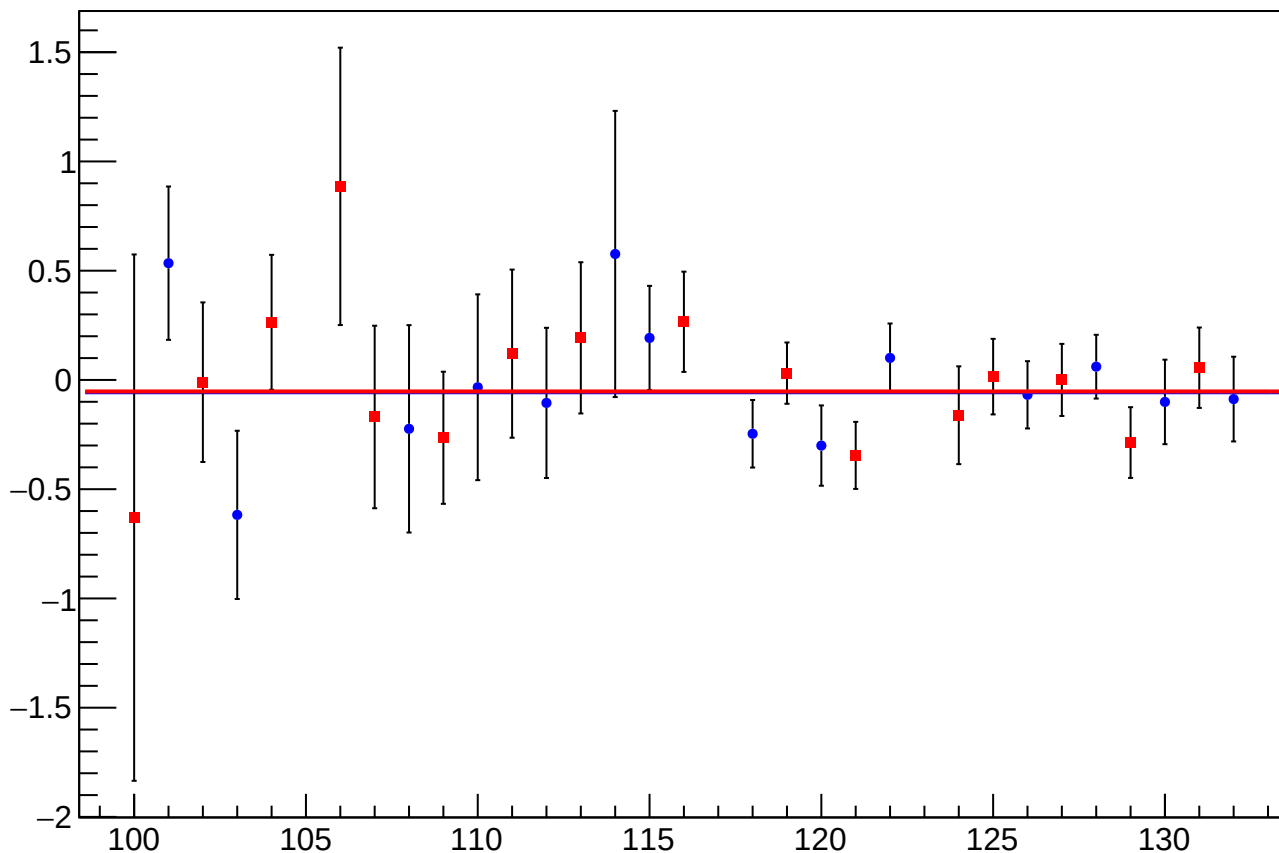
Right: 0.000+/-0.000 χ^2/NDF : 1715700.3/29

In: 0.000+/-0.000 χ^2/NDF : 1132537.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1715700.3/29

asym_sam2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.056+/-0.057 χ^2/NDF : 12.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.053+/-0.056 χ^2/NDF : 13.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

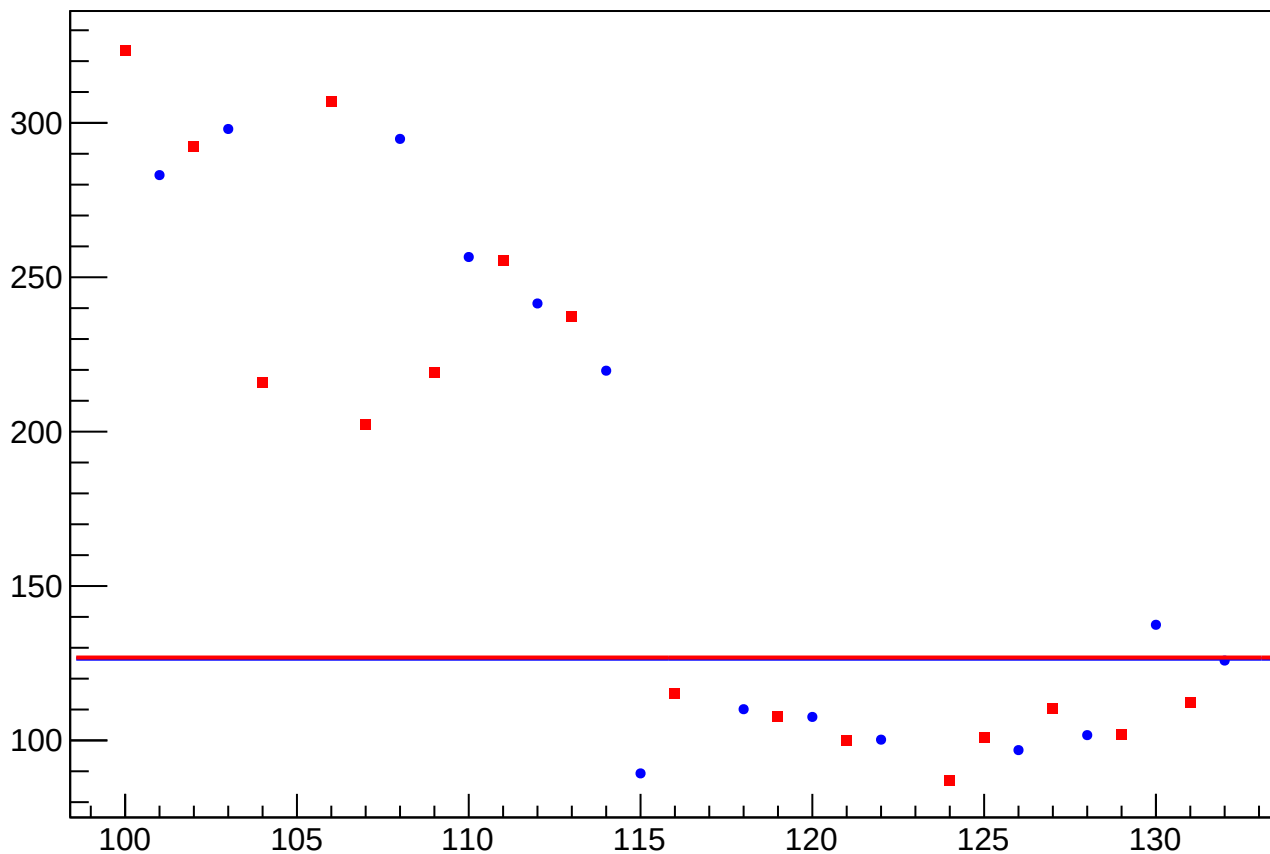
Right: -0.054+/-0.040 χ^2/NDF : 25.7/29

In: -0.056+/-0.057 χ^2/NDF :12.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.054+/-0.040 χ^2/NDF : 25.7/29

asym_sam2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 126.460+/-0.040 χ^2/NDF : 1784861.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 126.848+/-0.039 χ^2/NDF : 1762762.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

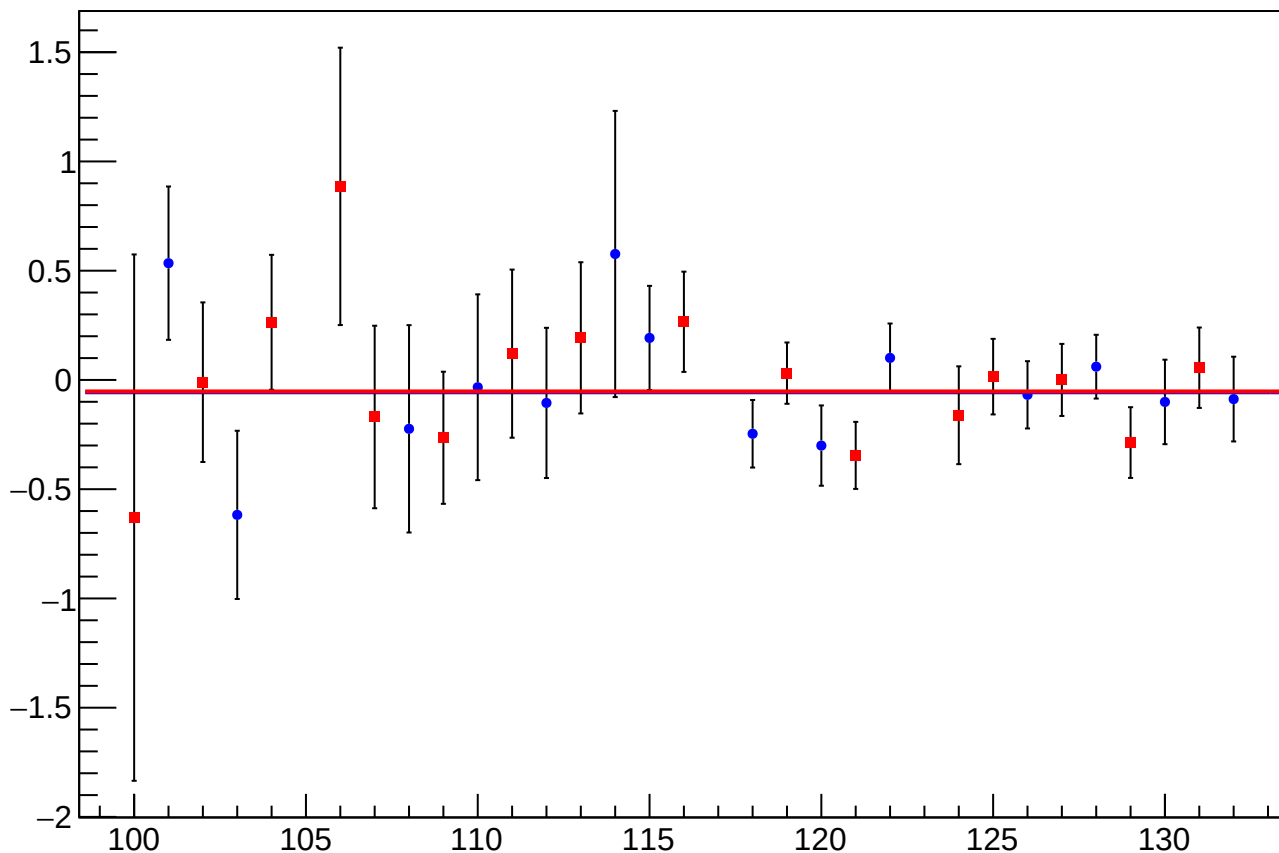
Right: 126.659+/-0.028 χ^2/NDF : 3547671.4/29

In: 126.460+/-0.040 χ^2/NDF :1784861.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 126.659+/-0.028 χ^2/NDF : 3547671.4/29

asym_sam2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.056 ± 0.057 $\chi^2/\text{NDF}: 12.1/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.053 ± 0.056 $\chi^2/\text{NDF}: 13.6/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

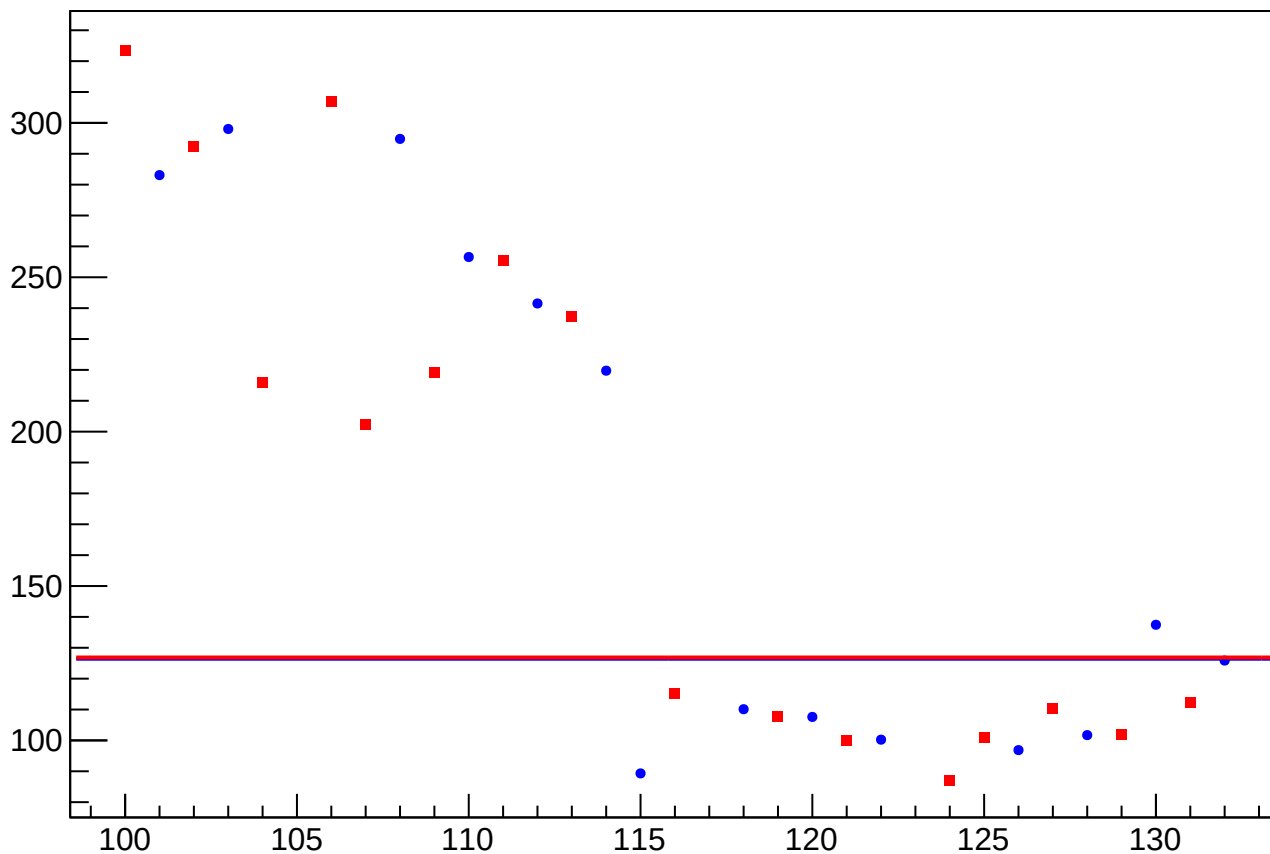
Right: -0.054 ± 0.040 $\chi^2/\text{NDF}: 25.7/29$

In: -0.056 ± 0.057 $\chi^2/\text{NDF}: 12.1/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.054 ± 0.040 $\chi^2/\text{NDF}: 25.7/29$

asym_sam2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 126.460+/-0.040 χ^2/NDF : 1784861.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.848+/-0.039 χ^2/NDF : 1762762.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

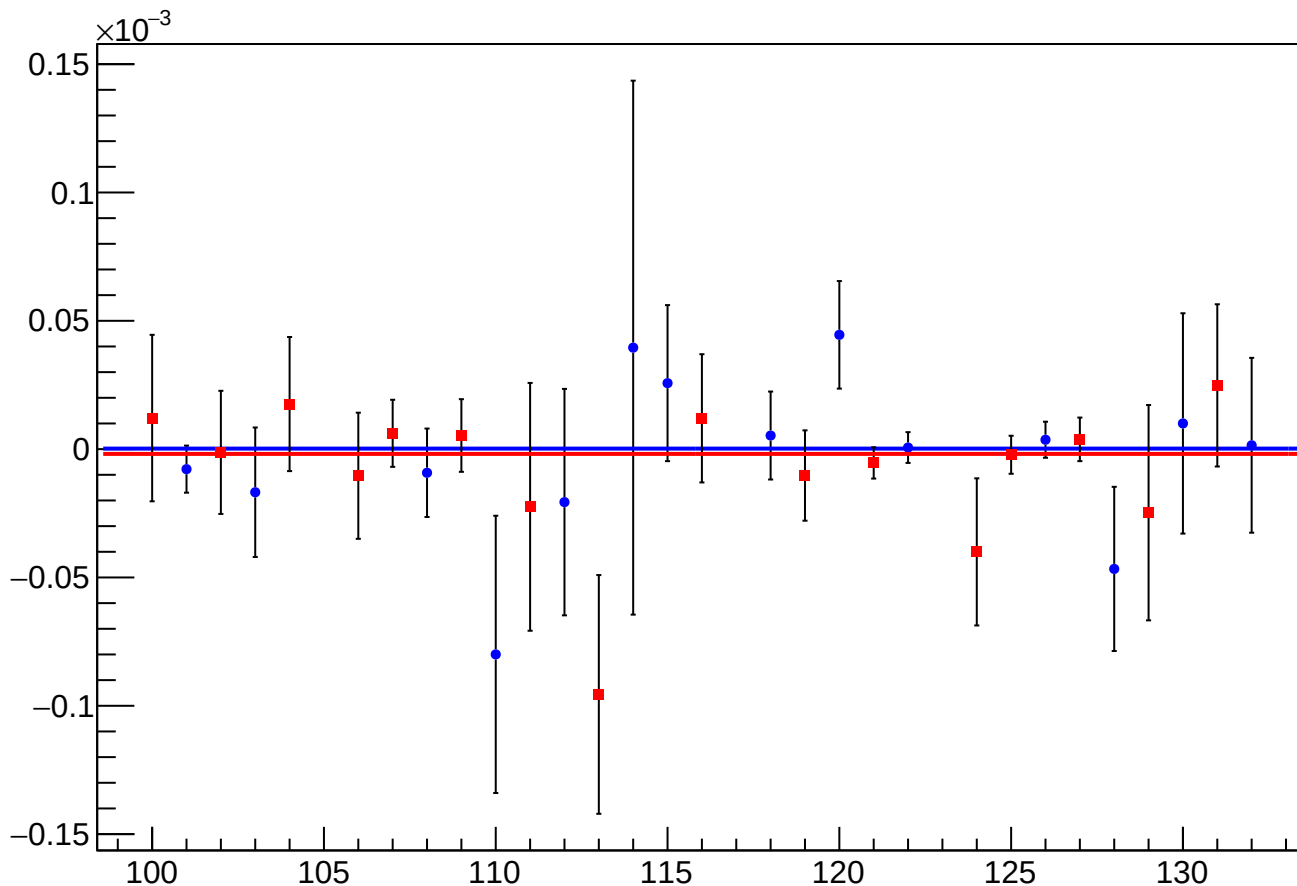
Right: 126.659+/-0.028 χ^2/NDF : 3547671.4/29

In: 126.460+/-0.040 χ^2/NDF : 1784861.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.659+/-0.028 χ^2/NDF : 3547671.4/29

asym_sam2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

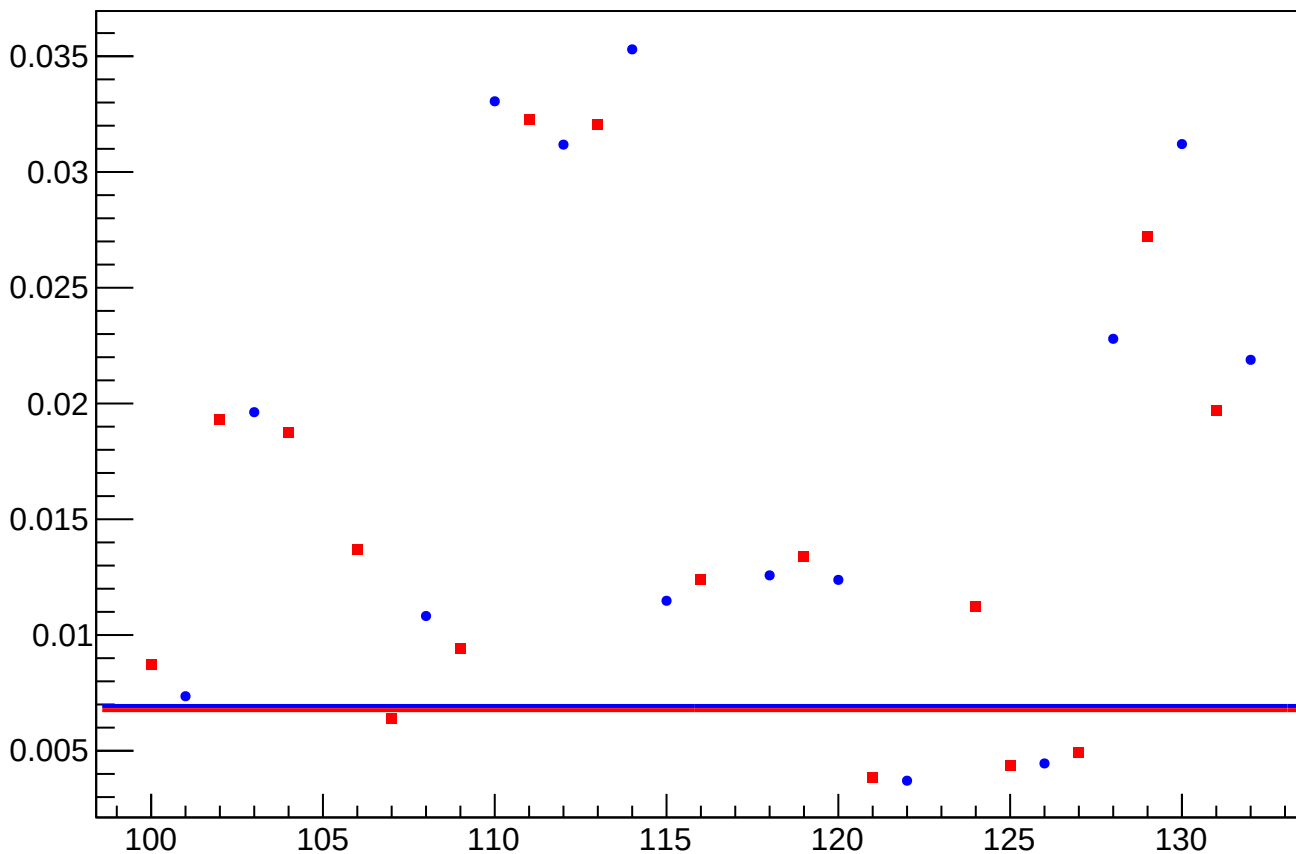
Right: -0.000+/-0.000 χ^2/NDF : 21.8/29

In: 0.000+/-0.000 χ^2/NDF : 11.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.8/29

asym_sam2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000

χ^2/NDF : 4575203.3/13

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000

χ^2/NDF : 4363185.7/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.007+/-0.000

χ^2/NDF : 8940974.5/29

In: 0.007+/-0.000

χ^2/NDF : 4575203.3/13

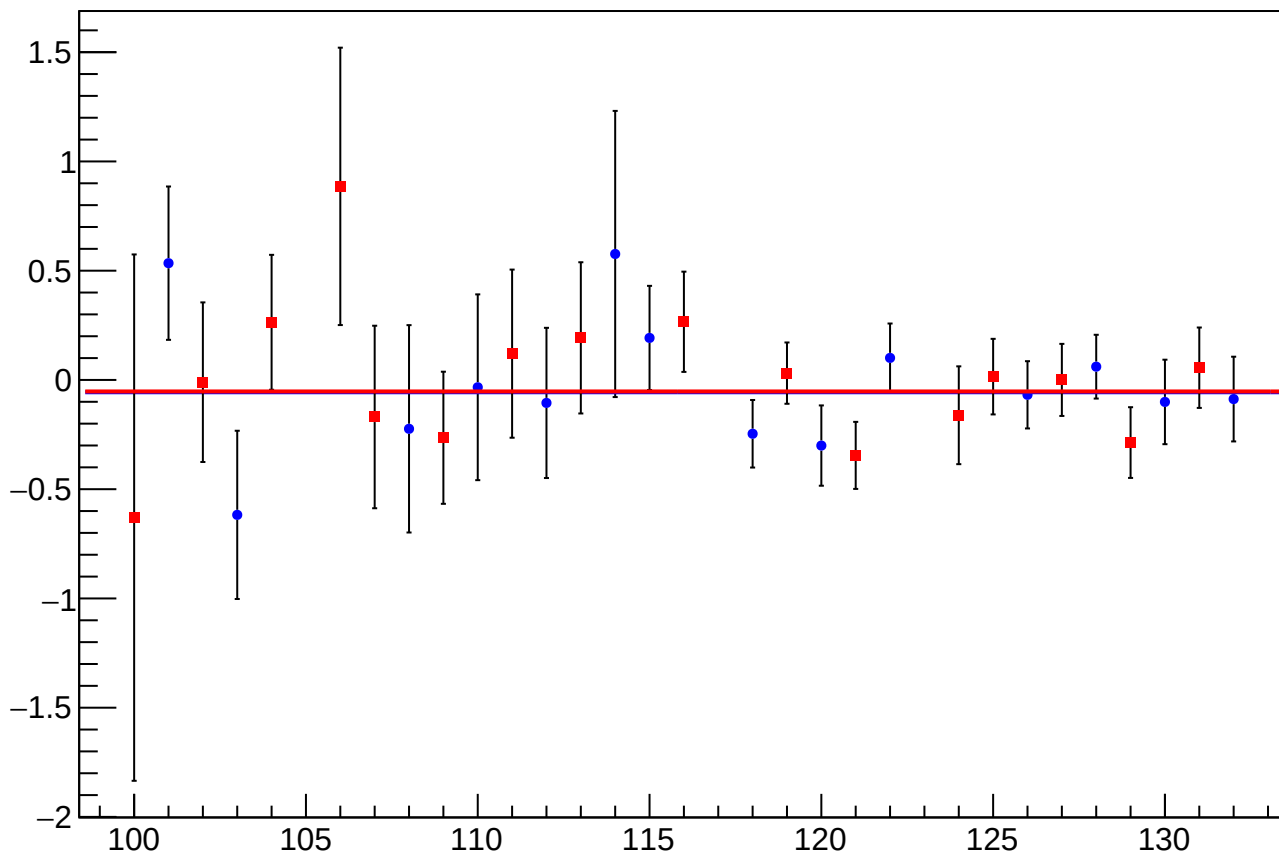
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.007+/-0.000

χ^2/NDF : 8940974.5/29

asym_sam2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.056 ± 0.057 $\chi^2/\text{NDF}: 12.1/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.053 ± 0.056 $\chi^2/\text{NDF}: 13.6/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

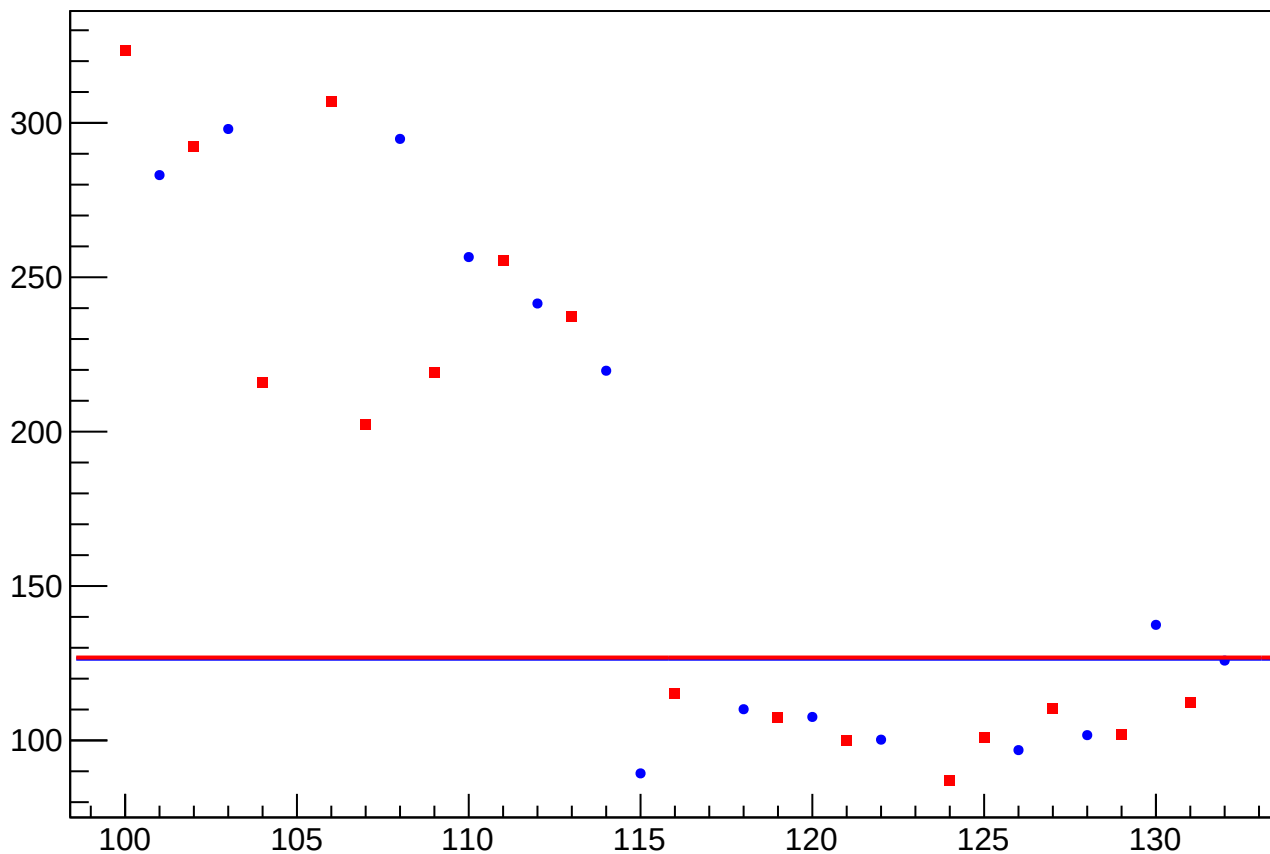
Right: -0.054 ± 0.040 $\chi^2/\text{NDF}: 25.7/29$

In: -0.056 ± 0.057 $\chi^2/\text{NDF}: 12.1/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.054 ± 0.040 $\chi^2/\text{NDF}: 25.7/29$

asym_sam2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 126.456+/-0.040 χ^2/NDF : 1784797.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.845+/-0.039 χ^2/NDF : 1762753.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

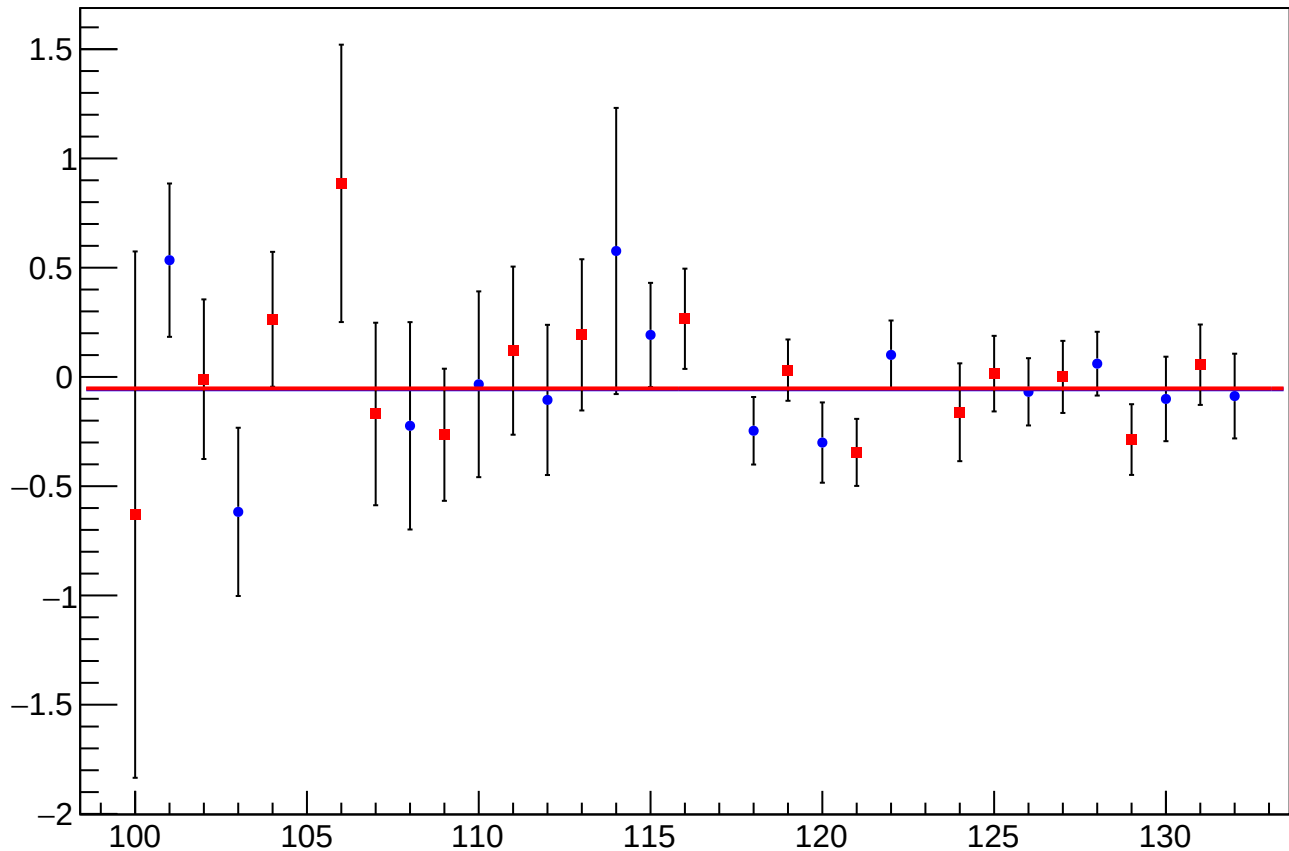
Right: 126.655+/-0.028 χ^2/NDF : 3547598.2/29

In: 126.456+/-0.040 χ^2/NDF : 1784797.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.655+/-0.028 χ^2/NDF : 3547598.2/29

asym_sam2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.056 ± 0.057 $\chi^2/\text{NDF}: 12.1/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.053 ± 0.056 $\chi^2/\text{NDF}: 13.6/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

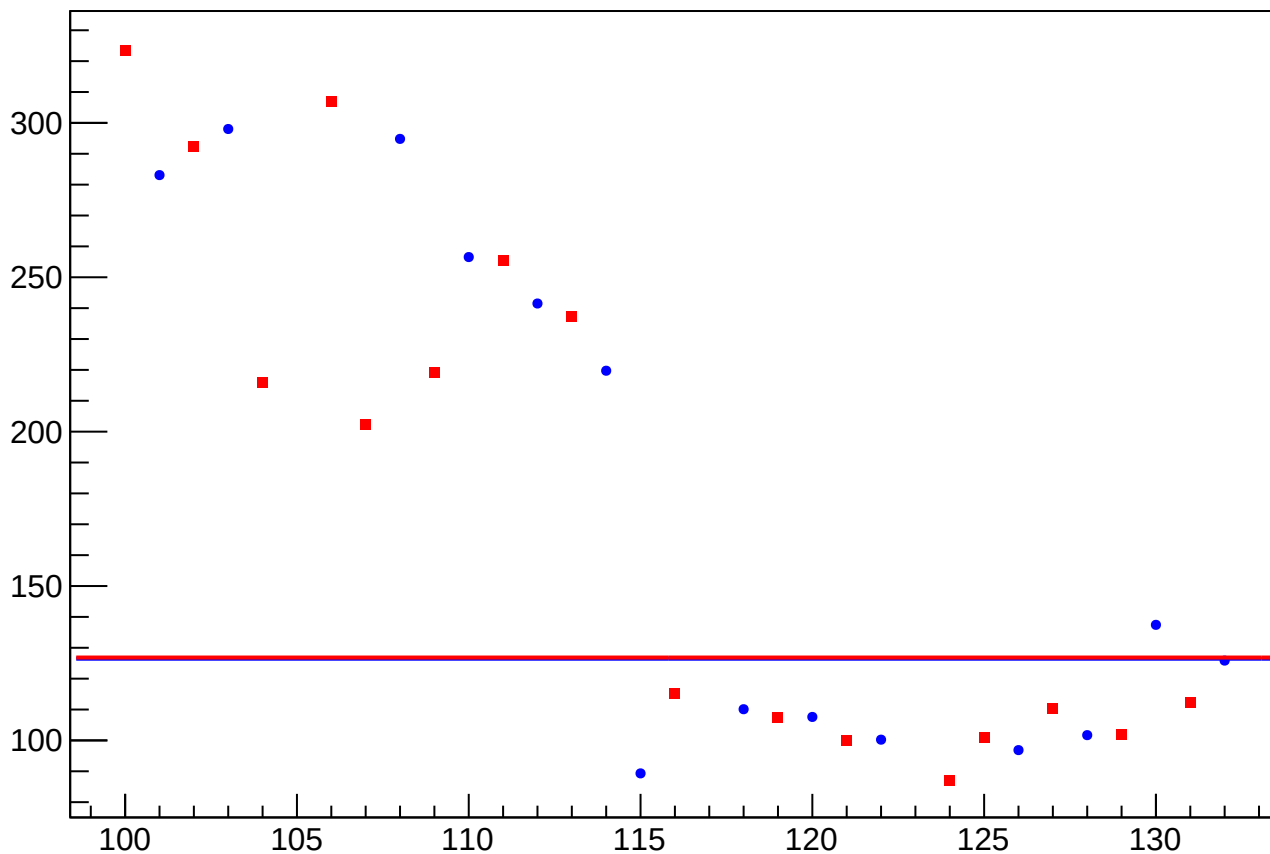
Right: -0.054 ± 0.040 $\chi^2/\text{NDF}: 25.7/29$

In: -0.056 ± 0.057 $\chi^2/\text{NDF}: 12.1/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.054 ± 0.040 $\chi^2/\text{NDF}: 25.7/29$

asym_sam2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 126.456+/-0.040 χ^2/NDF : 1784797.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.845+/-0.039 χ^2/NDF : 1762753.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

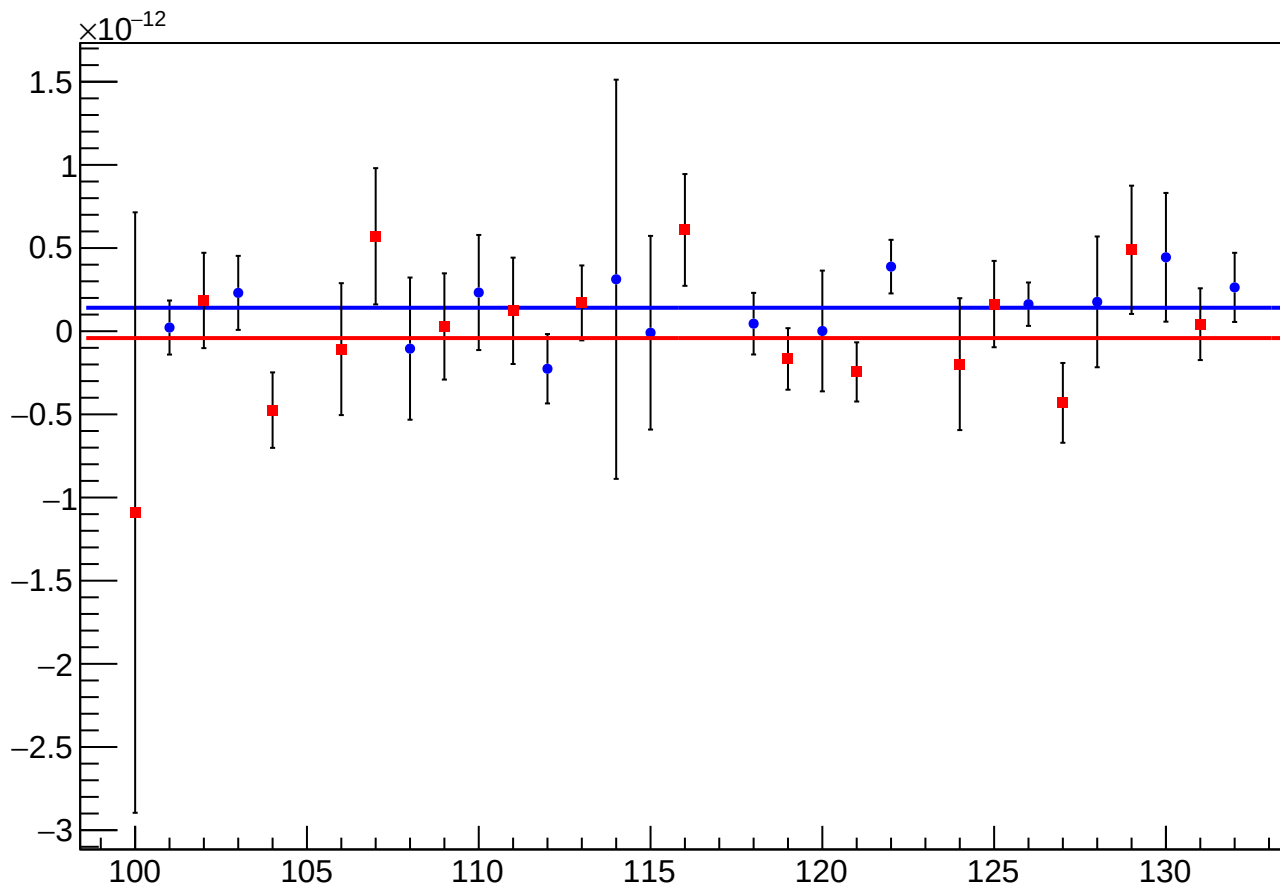
Right: 126.655+/-0.028 χ^2/NDF : 3547598.2/29

In: 126.456+/-0.040 χ^2/NDF : 1784797.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.655+/-0.028 χ^2/NDF : 3547598.2/29

asym_sam2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 19.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

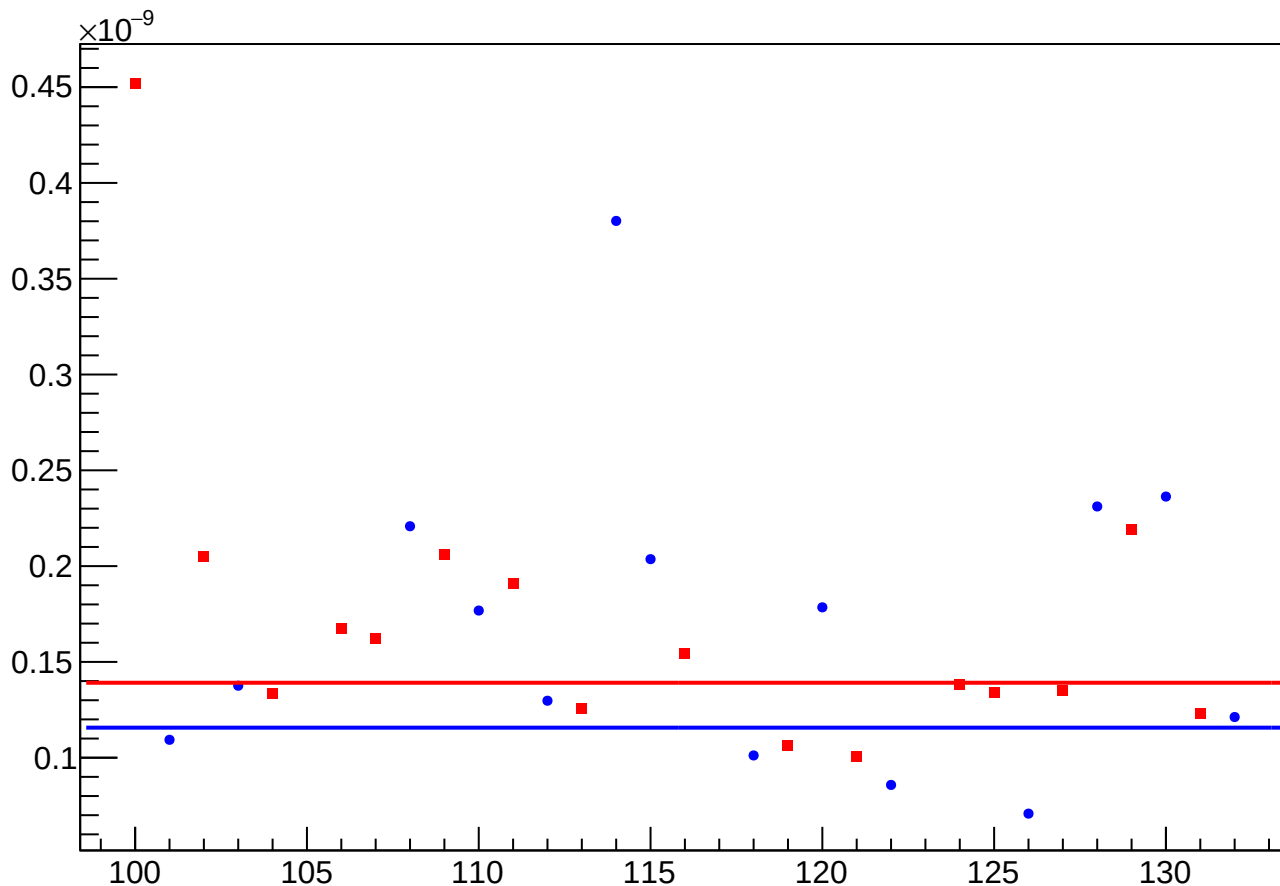
Right: 0.000+/-0.000 χ^2/NDF : 31.1/29

In: 0.000+/-0.000 χ^2/NDF : 8.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 31.1/29

asym_sam2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1103332.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 590713.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

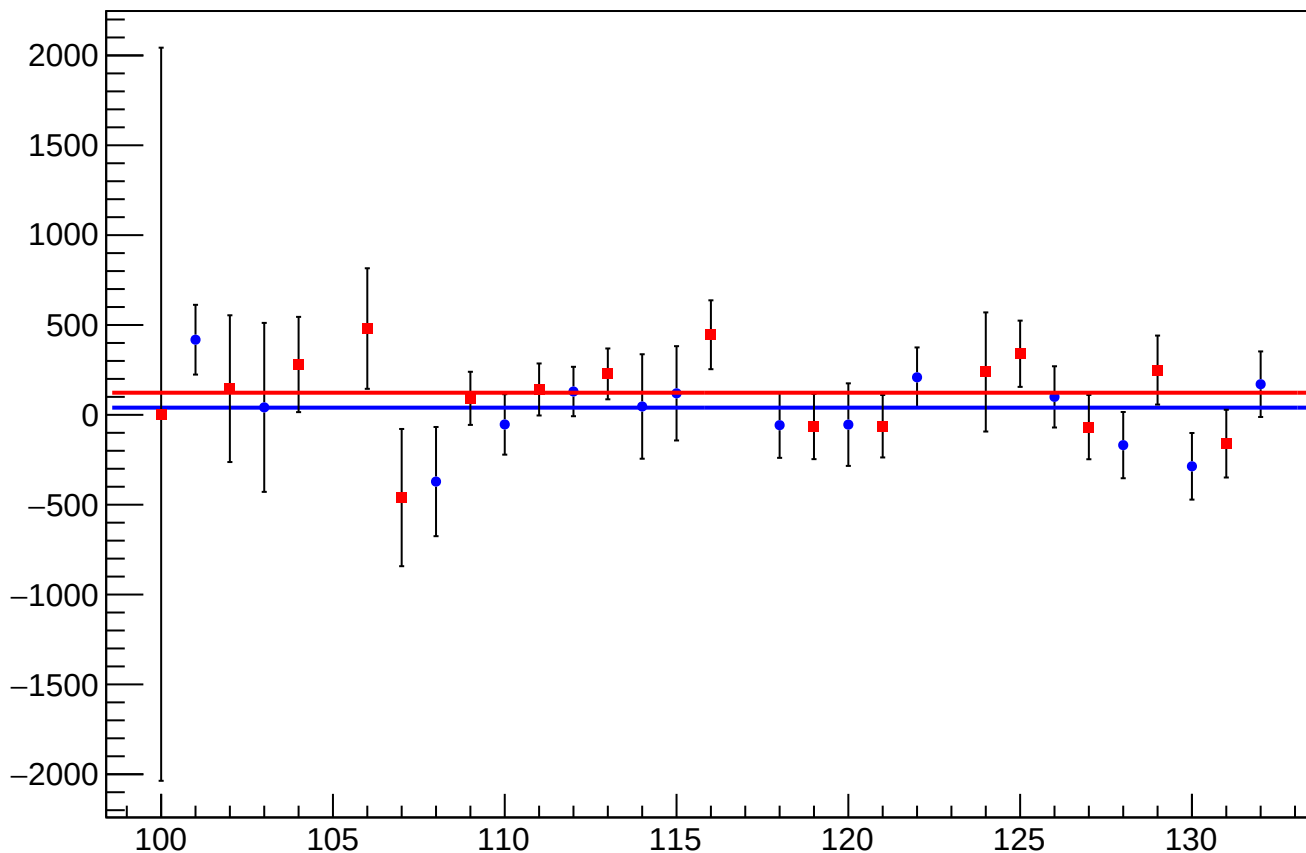
Right: 0.000+/-0.000 χ^2/NDF : 1826965.6/29

In: 0.000+/-0.000 χ^2/NDF : 1103332.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1826965.6/29

reg_asym_sam3_mean vs Slug, Sign Corrected



Right In: 40.061+/-52.346 χ^2/NDF : 13.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.129+/-50.291 χ^2/NDF : 14.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

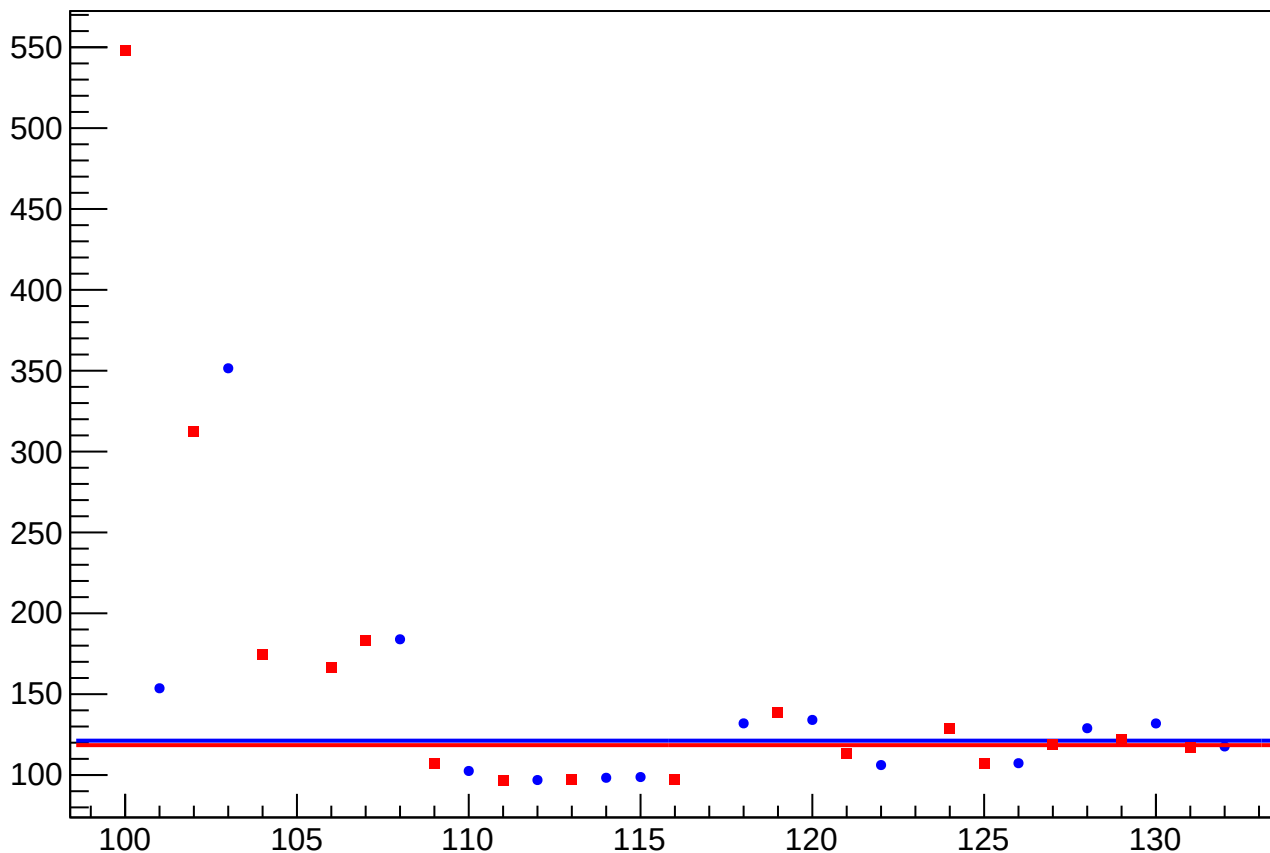
Right: 83.258+/-36.266 χ^2/NDF : 29.1/29

In: 40.061+/-52.346 χ^2/NDF : 13.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.258+/-36.266 χ^2/NDF : 29.1/29

reg_asym_sam3_rms vs Slug, Sign Corrected



Right In: 121.257+/-0.037 χ^2/NDF : 789131.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.481+/-0.036 χ^2/NDF : 891164.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

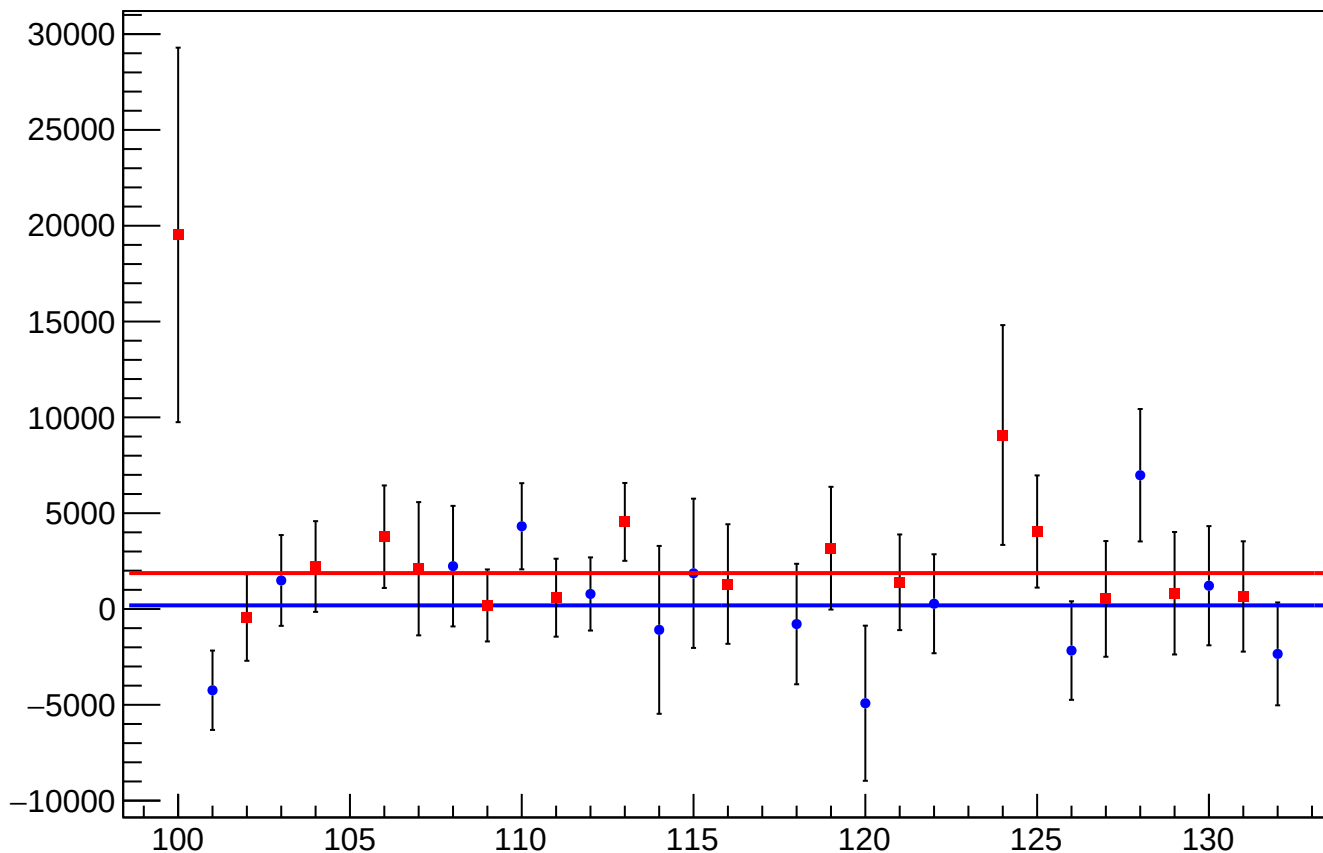
Right: 119.813+/-0.026 χ^2/NDF : 1683221.1/29

In: 121.257+/-0.037 χ^2/NDF : 789131.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.813+/-0.026 χ^2/NDF : 1683221.1/29

asym_sam3_reg_correction_mean vs Slug, Sign Corrected



Right In: 188.568+/-726.953 χ^2/NDF : 16.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1873.957+/-672.547 χ^2/NDF : 10.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

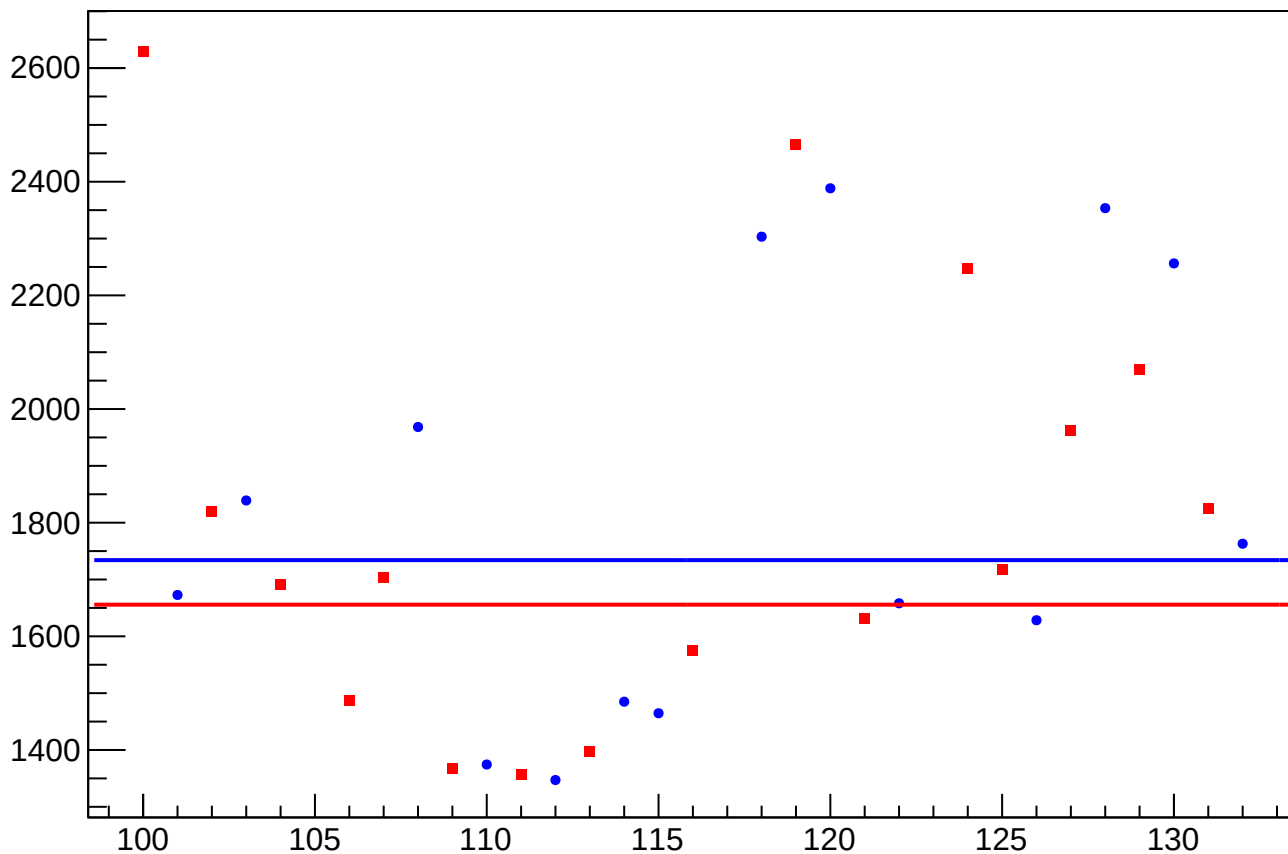
Right: 1096.683+/-493.677 χ^2/NDF : 30.0/29

In: 188.568+/-726.953 χ^2/NDF : 16.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1096.683+/-493.677 χ^2/NDF : 30.0/29

asym_sam3_reg_correction_rms vs Slug, Sign Corrected



Right In: 1734.073+/-0.514 χ^2/NDF : 410016.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1655.686+/-0.476 χ^2/NDF : 374078.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

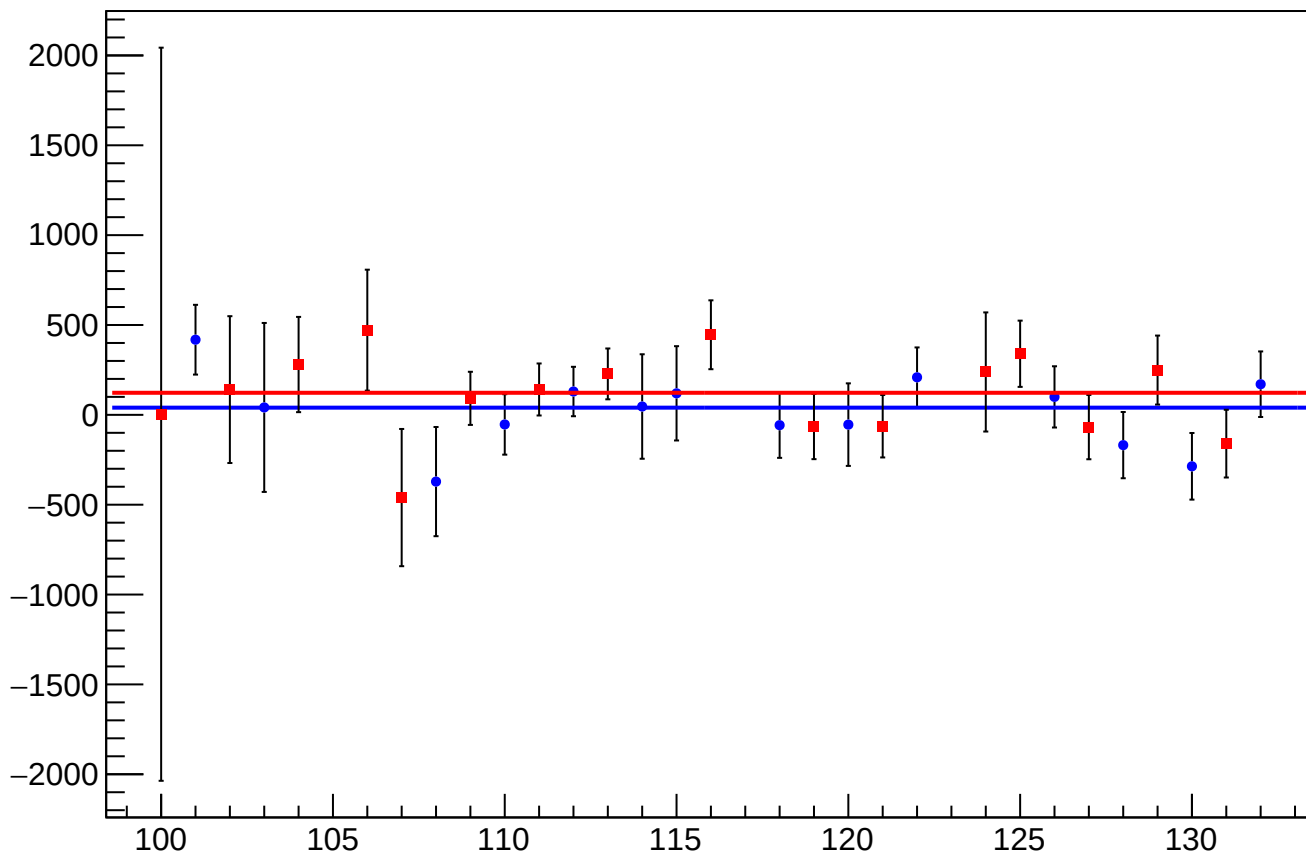
Right: 1691.837+/-0.349 χ^2/NDF : 796624.4/29

In: 1734.073+/-0.514 χ^2/NDF :410016.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1691.837+/-0.349 χ^2/NDF : 796624.4/29

cor_asym_sam3_mean vs Slug, Sign Corrected



Right In: 40.040+/-52.346 χ^2/NDF : 13.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.787+/-50.294 χ^2/NDF : 14.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

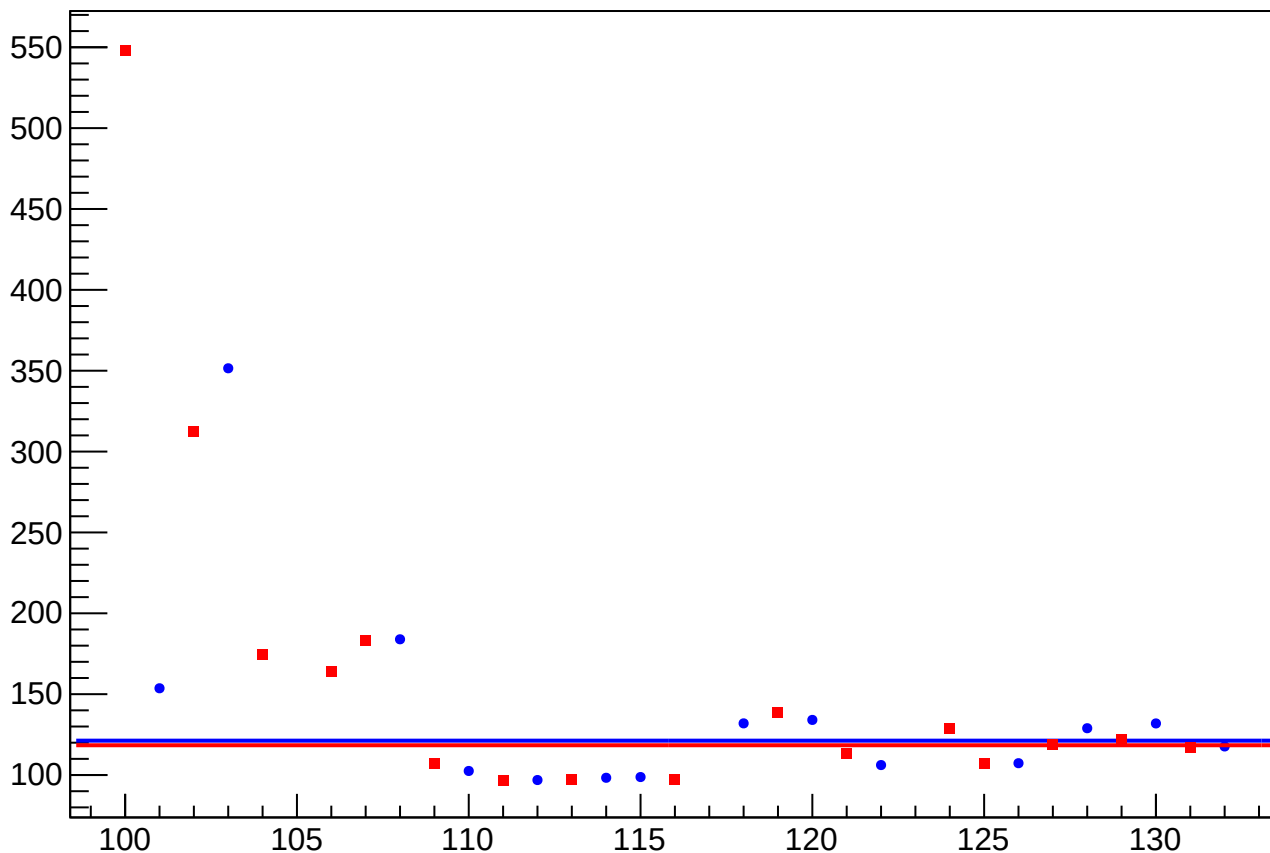
Right: 83.067+/-36.267 χ^2/NDF : 29.0/29

In: 40.040+/-52.346 χ^2/NDF : 13.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.067+/-36.267 χ^2/NDF : 29.0/29

cor_asym_sam3_rms vs Slug, Sign Corrected



Right In: 121.257+/-0.037 χ^2/NDF : 789133.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.418+/-0.036 χ^2/NDF : 887011.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

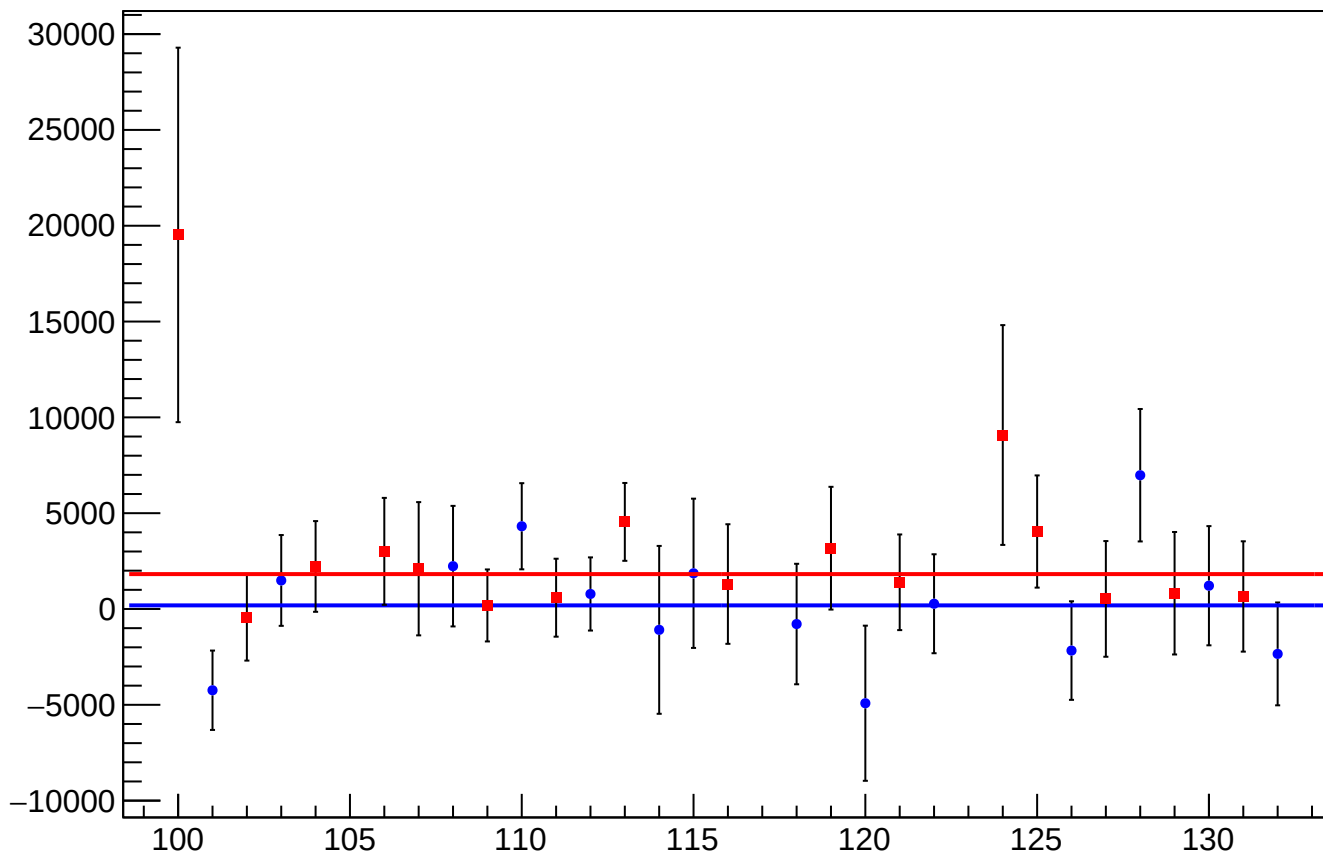
Right: 119.781+/-0.026 χ^2/NDF : 1679202.8/29

In: 121.257+/-0.037 χ^2/NDF : 789133.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.781+/-0.026 χ^2/NDF : 1679202.8/29

asym_sam3_cor_correction_mean vs Slug, Sign Corrected



Right In: 188.604 $\pm$ 726.960 χ^2 /NDF: 16.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1821.214 $\pm$ 674.325 χ^2 /NDF: 10.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

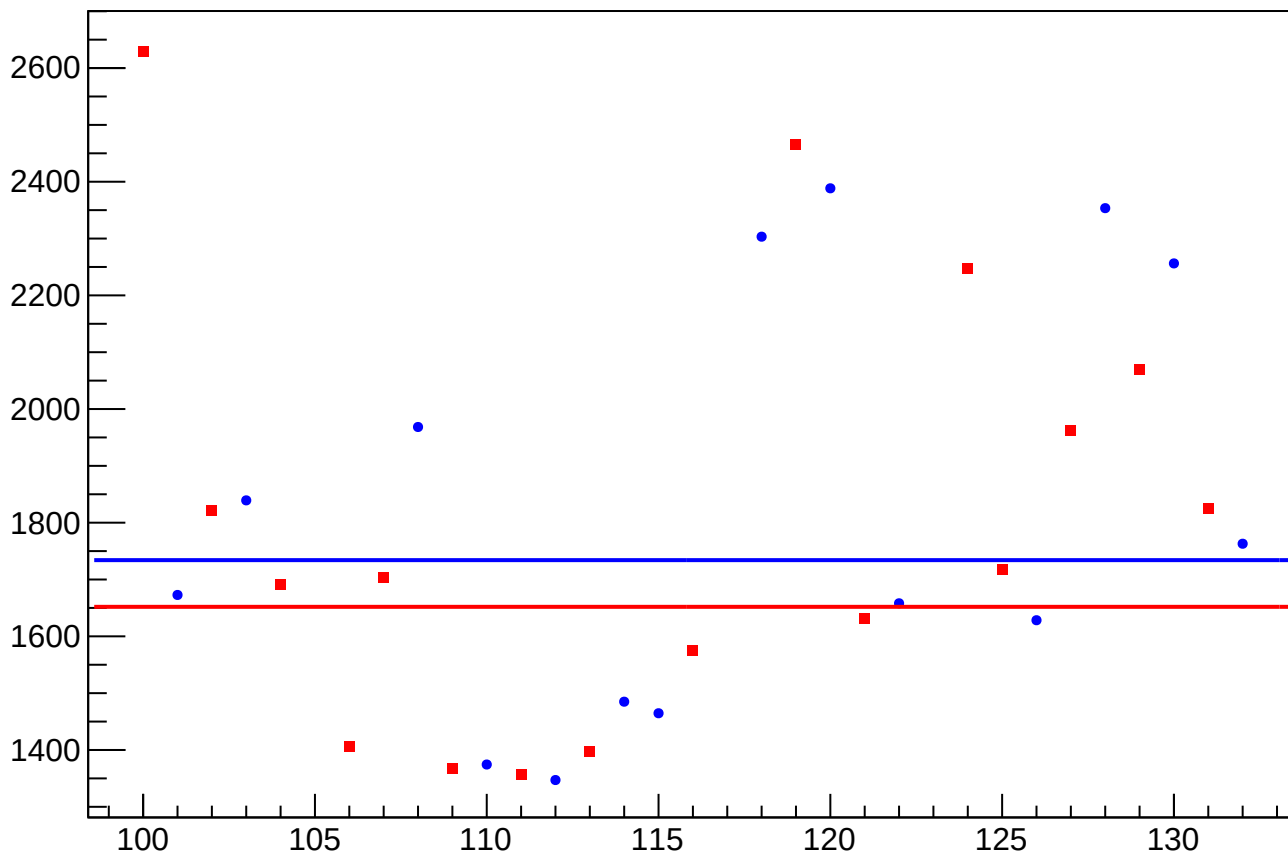
Right: 1066.147 $\pm$ 494.382 χ^2 /NDF: 29.4/29

In: 188.604 $\pm$ 726.960 χ^2 /NDF:16.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1066.147 $\pm$ 494.382 χ^2 /NDF: 29.4/29

asym_sam3_cor_correction_rms vs Slug, Sign Corrected



Right In: 1734.089+/-0.514 χ^2/NDF : 410031.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1651.925+/-0.477 χ^2/NDF : 382248.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

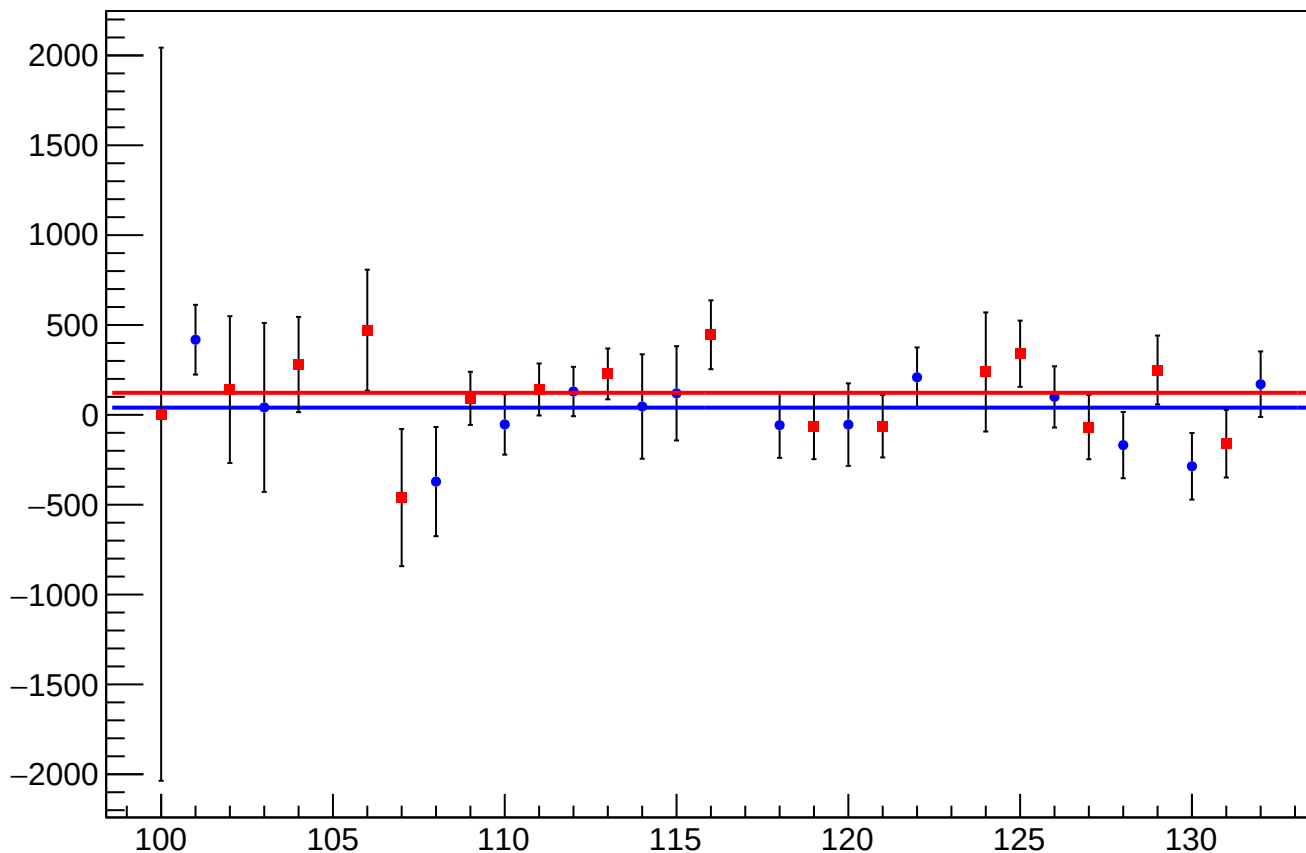
Right: 1689.925+/-0.350 χ^2/NDF : 806013.0/29

In: 1734.089+/-0.514 χ^2/NDF : 410031.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1689.925+/-0.350 χ^2/NDF : 806013.0/29

eigen_cor_asym_sam3_mean vs Slug, Sign Corrected



Right In: 40.040+/-52.346 χ^2/NDF : 13.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.787+/-50.294 χ^2/NDF : 14.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

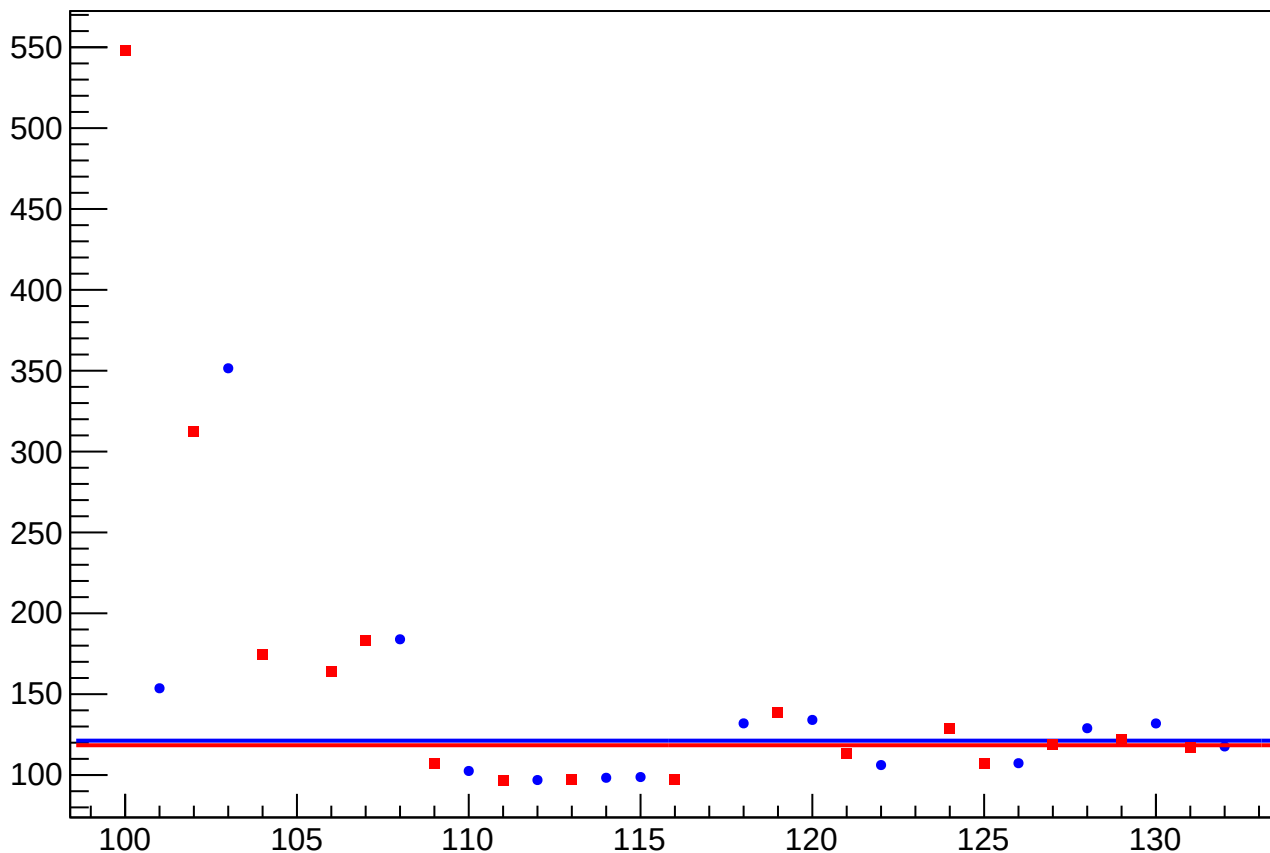
Right: 83.067+/-36.267 χ^2/NDF : 29.0/29

In: 40.040+/-52.346 χ^2/NDF : 13.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.067+/-36.267 χ^2/NDF : 29.0/29

eigen_cor_asym_sam3_rms vs Slug, Sign Corrected



Right In: 121.257 $\pm$ 0.037 χ^2 /NDF: 789133.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 118.418 $\pm$ 0.036 χ^2 /NDF: 887011.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

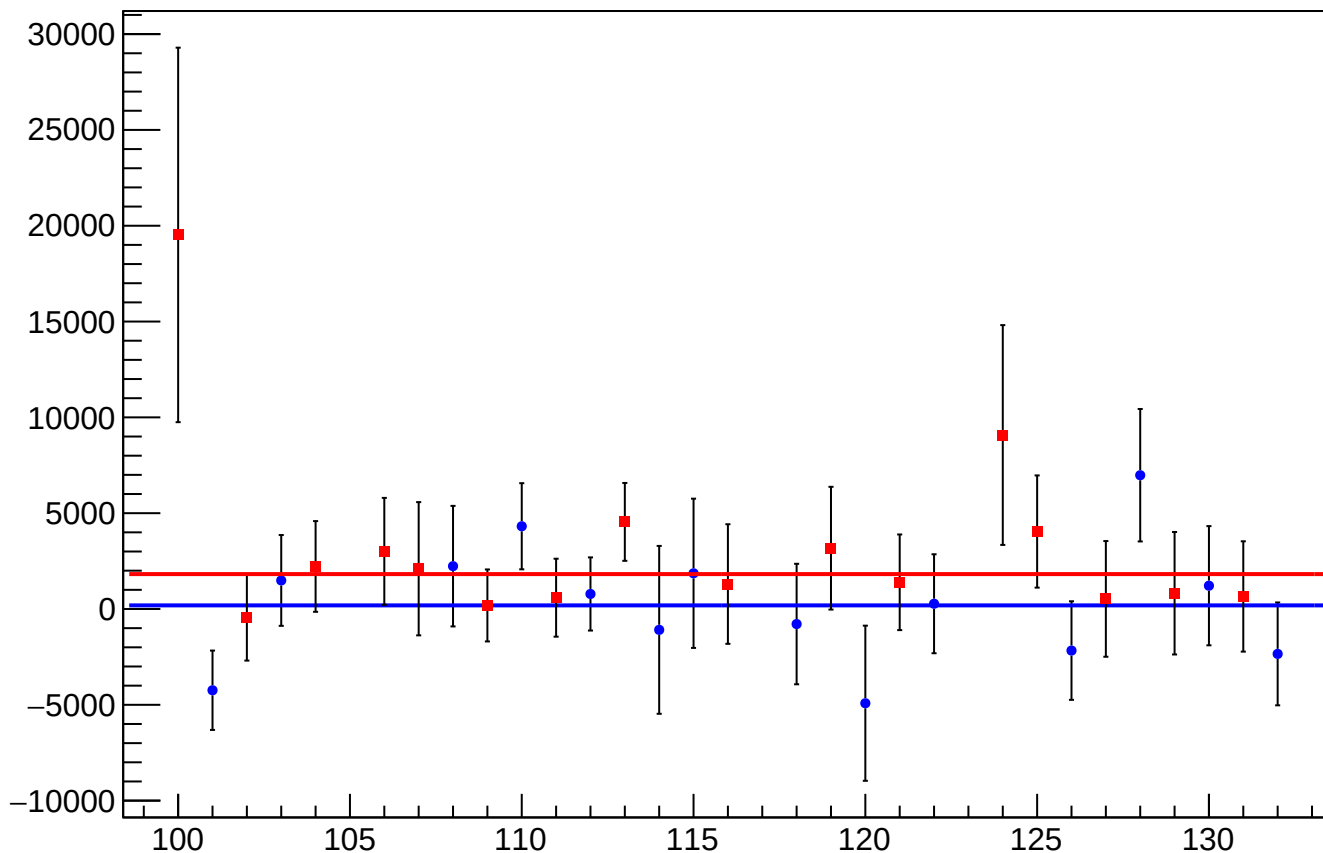
Right: 119.781 $\pm$ 0.026 χ^2 /NDF: 1679202.8/29

In: 121.257 $\pm$ 0.037 χ^2 /NDF:789133.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 119.781 $\pm$ 0.026 χ^2 /NDF: 1679202.8/29

asym_sam3_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 188.604+/-726.960 χ^2/NDF : 16.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1821.214+/-674.325 χ^2/NDF : 10.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

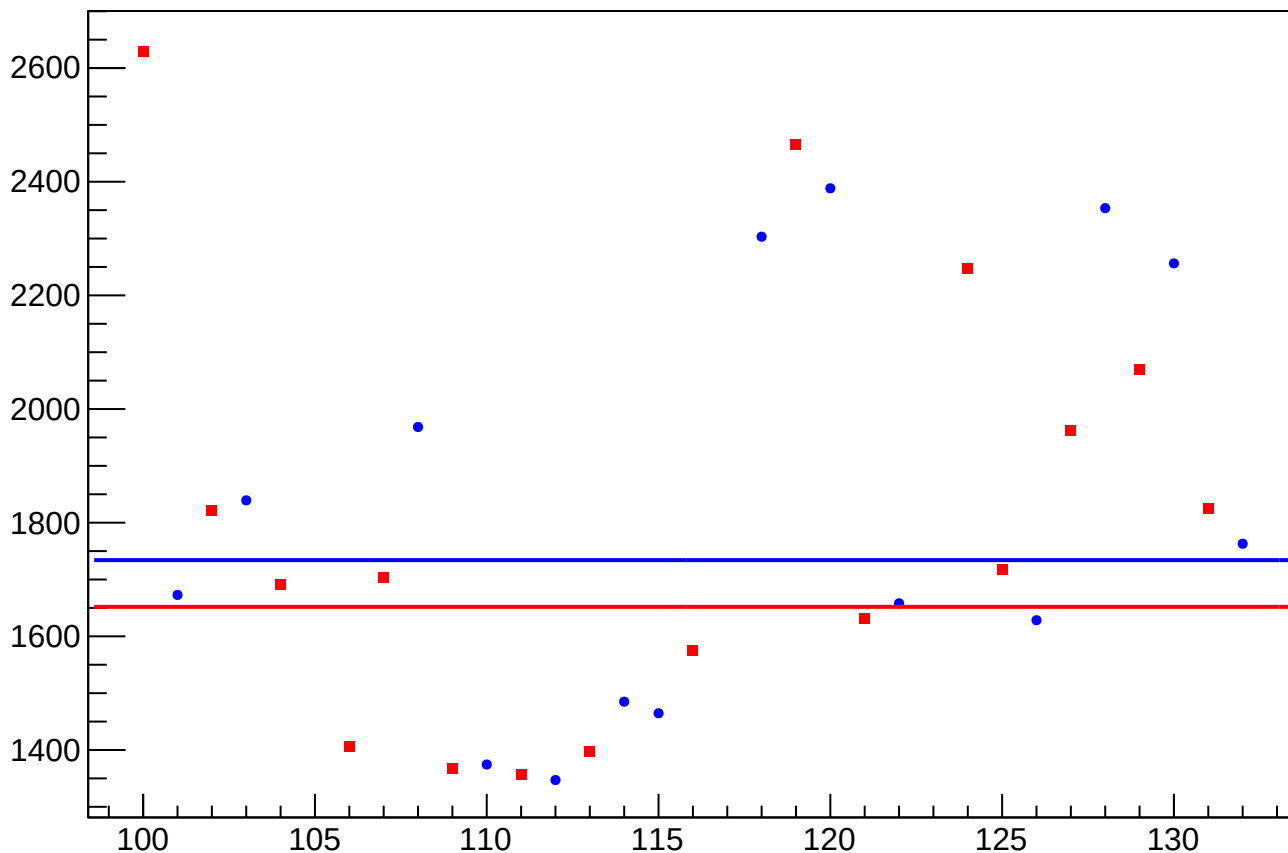
Right: 1066.147+/-494.382 χ^2/NDF : 29.4/29

In: 188.604+/-726.960 χ^2/NDF :16.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1066.147+/-494.382 χ^2/NDF : 29.4/29

asym_sam3_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1734.089+/-0.514 χ^2/NDF : 410031.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1651.925+/-0.477 χ^2/NDF : 382248.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

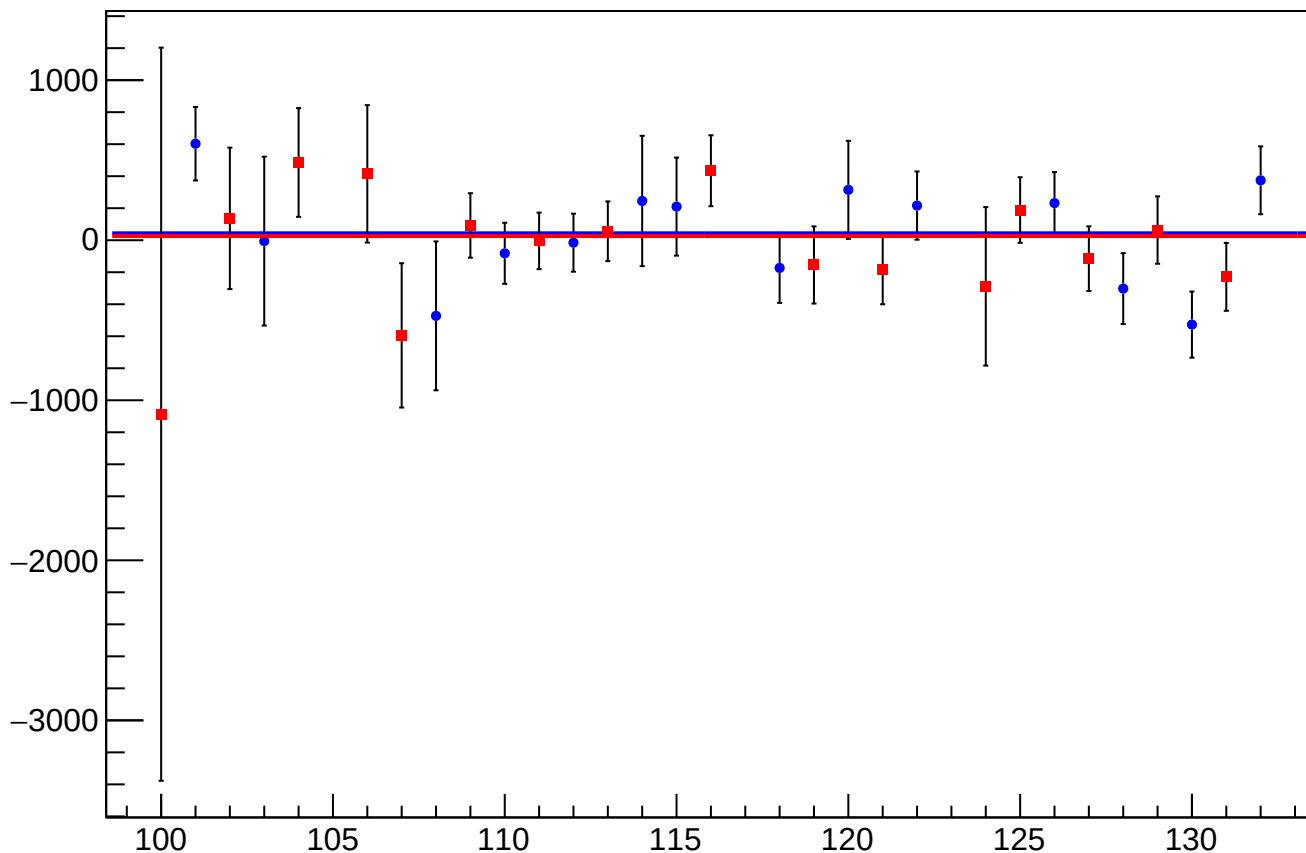
Right: 1689.925+/-0.350 χ^2/NDF : 806013.0/29

In: 1734.089+/-0.514 χ^2/NDF : 410031.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1689.925+/-0.350 χ^2/NDF : 806013.0/29

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 43.134+/-63.494 χ^2/NDF : 24.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.075+/-61.336 χ^2/NDF : 12.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

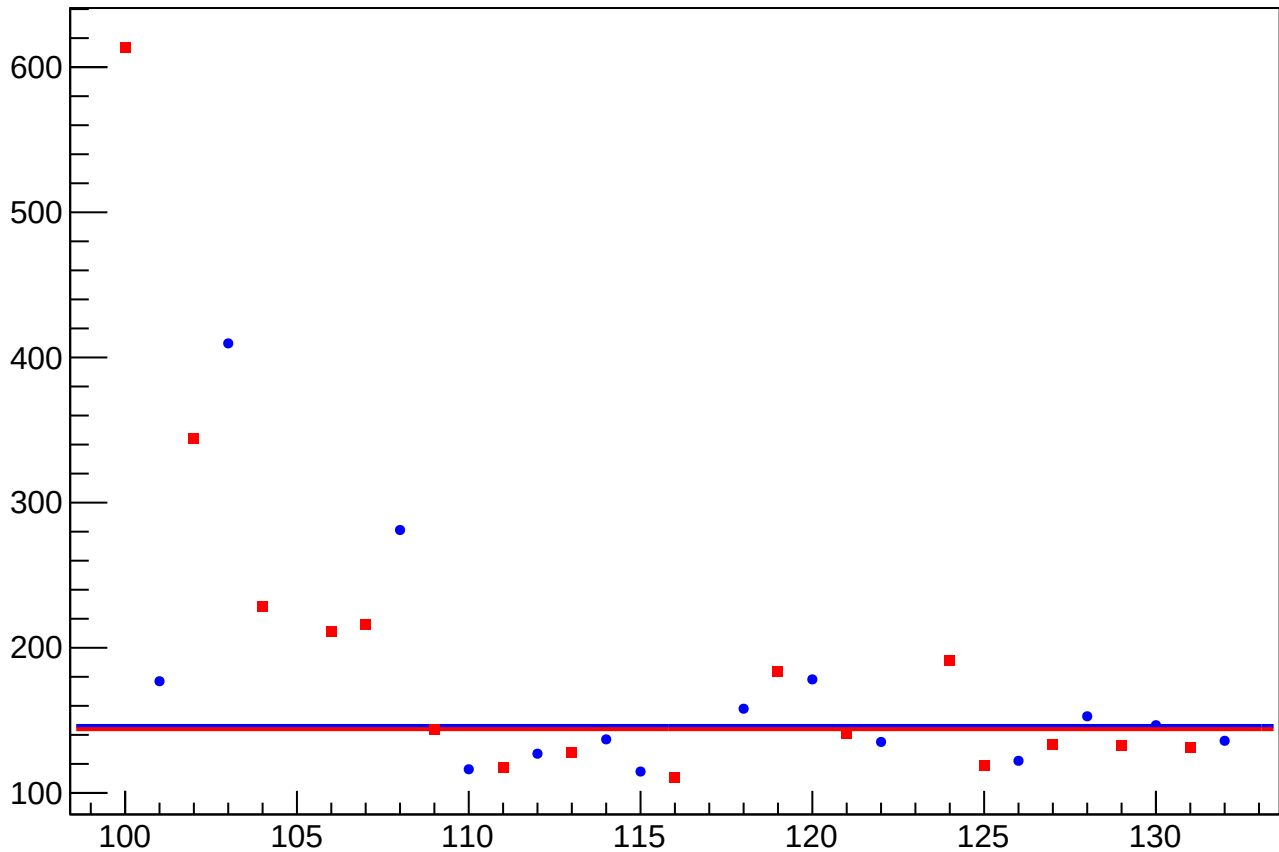
Right: 34.310+/-44.114 χ^2/NDF : 37.0/29

In: 43.134+/-63.494 χ^2/NDF : 24.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.310+/-44.114 χ^2/NDF : 37.0/29

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 146.131 $\pm$ 0.045 χ^2 /NDF: 867403.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 143.945 $\pm$ 0.043 χ^2 /NDF: 943951.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

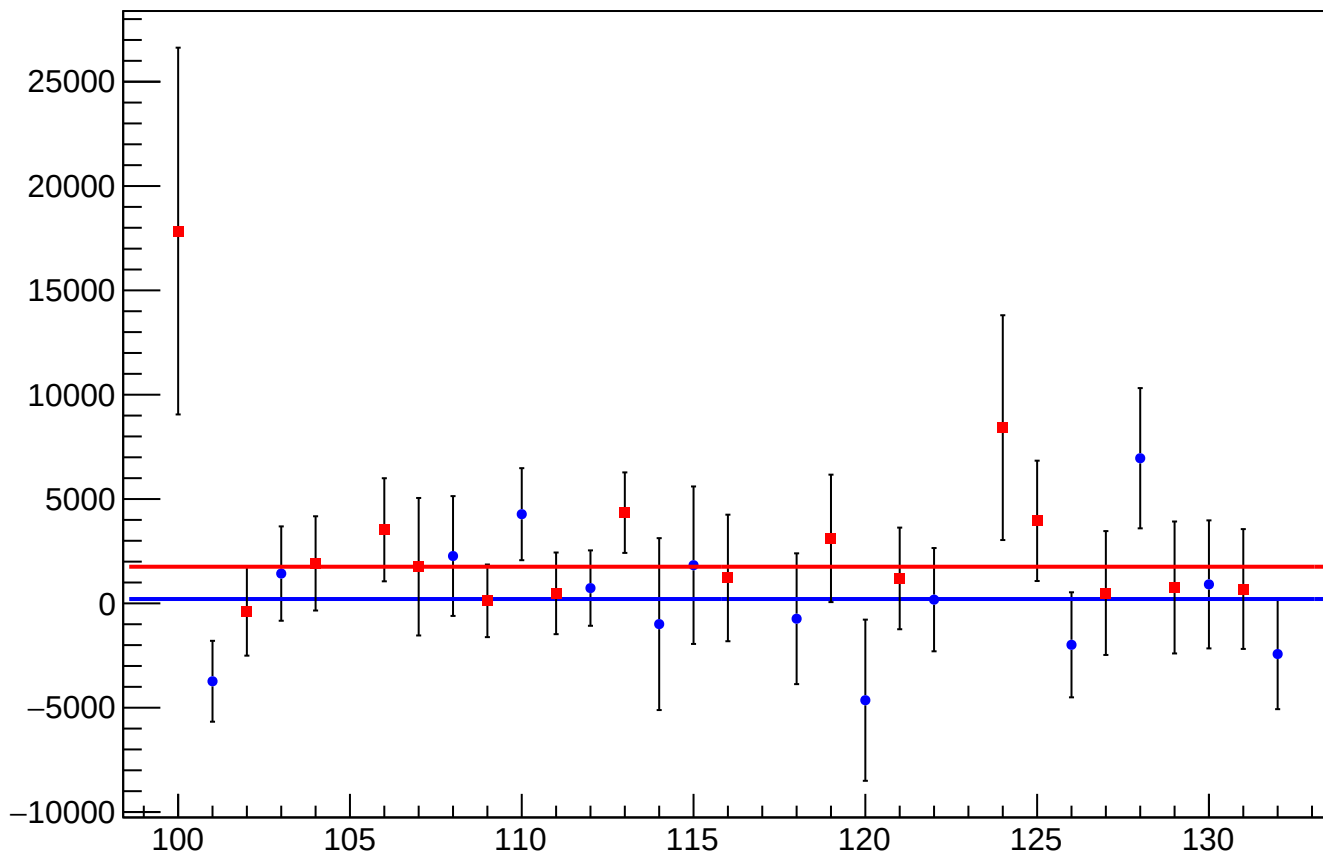
Right: 145.000 $\pm$ 0.031 χ^2 /NDF: 1812581.1/29

In: 146.131 $\pm$ 0.045 χ^2 /NDF:867403.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 145.000 $\pm$ 0.031 χ^2 /NDF: 1812581.1/29

asym_sam3_dit_correction_mean vs Slug, Sign Corrected



Right In: 208.850+/-698.037 χ^2/NDF : 16.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1756.344+/-642.921 χ^2/NDF : 10.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

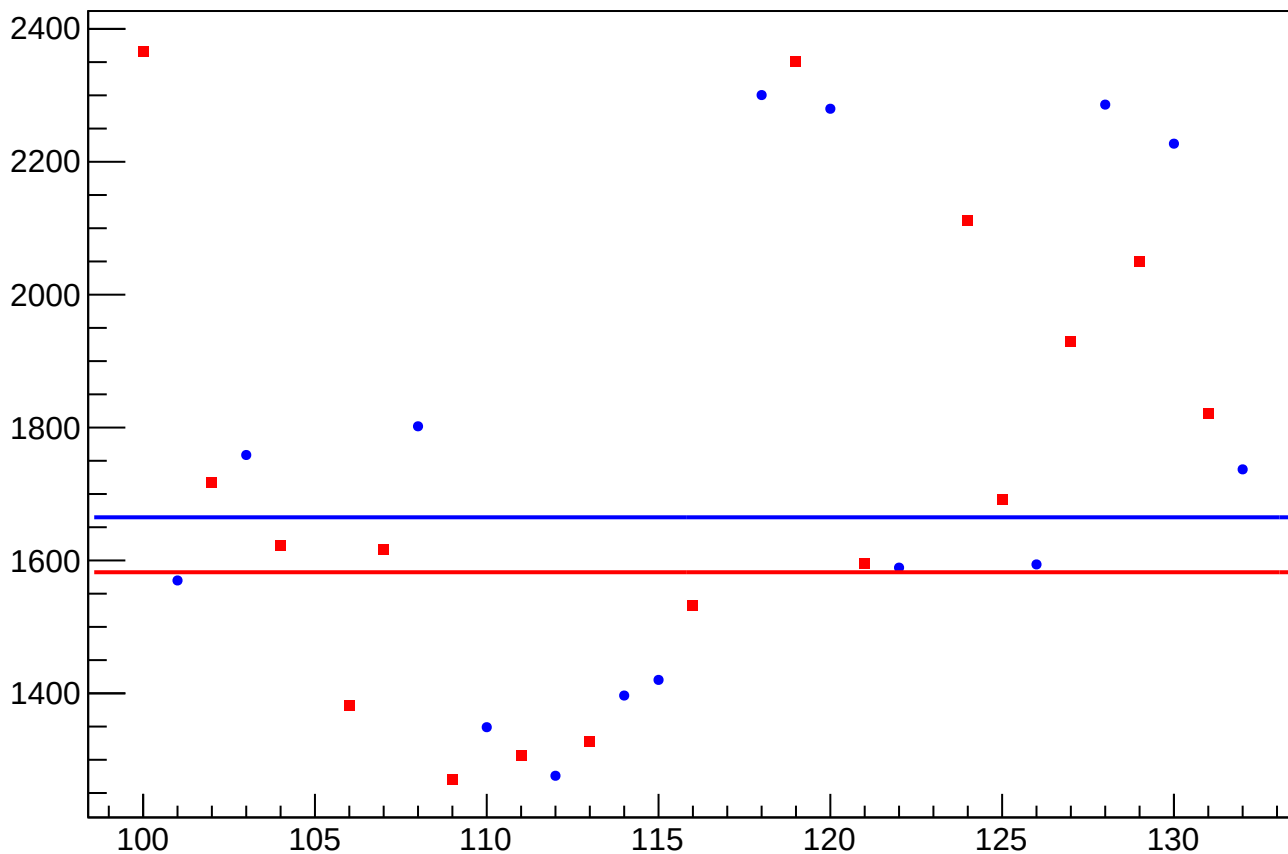
Right: 1046.095+/-472.900 χ^2/NDF : 29.6/29

In: 208.850+/-698.037 χ^2/NDF : 16.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1046.095+/-472.900 χ^2/NDF : 29.6/29

asym_sam3_dit_correction_rms vs Slug, Sign Corrected



Right In: 1664.945+/-0.494 χ^2/NDF : 436826.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1582.258+/-0.455 χ^2/NDF : 411745.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

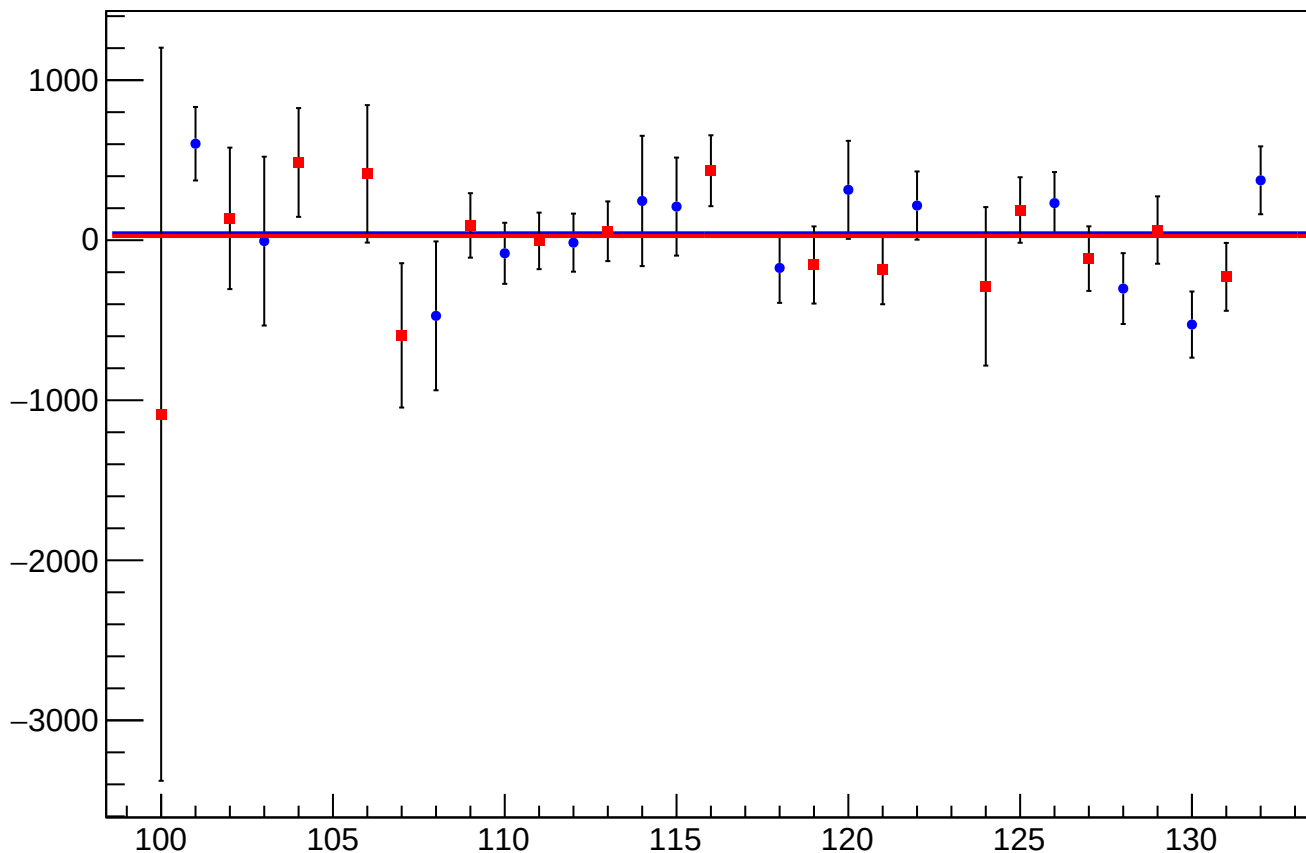
Right: 1620.209+/-0.334 χ^2/NDF : 863755.9/29

In: 1664.945+/-0.494 χ^2/NDF : 436826.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1620.209+/-0.334 χ^2/NDF : 863755.9/29

eigen_dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 43.132+/-63.494 χ^2/NDF : 24.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.071+/-61.337 χ^2/NDF : 12.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

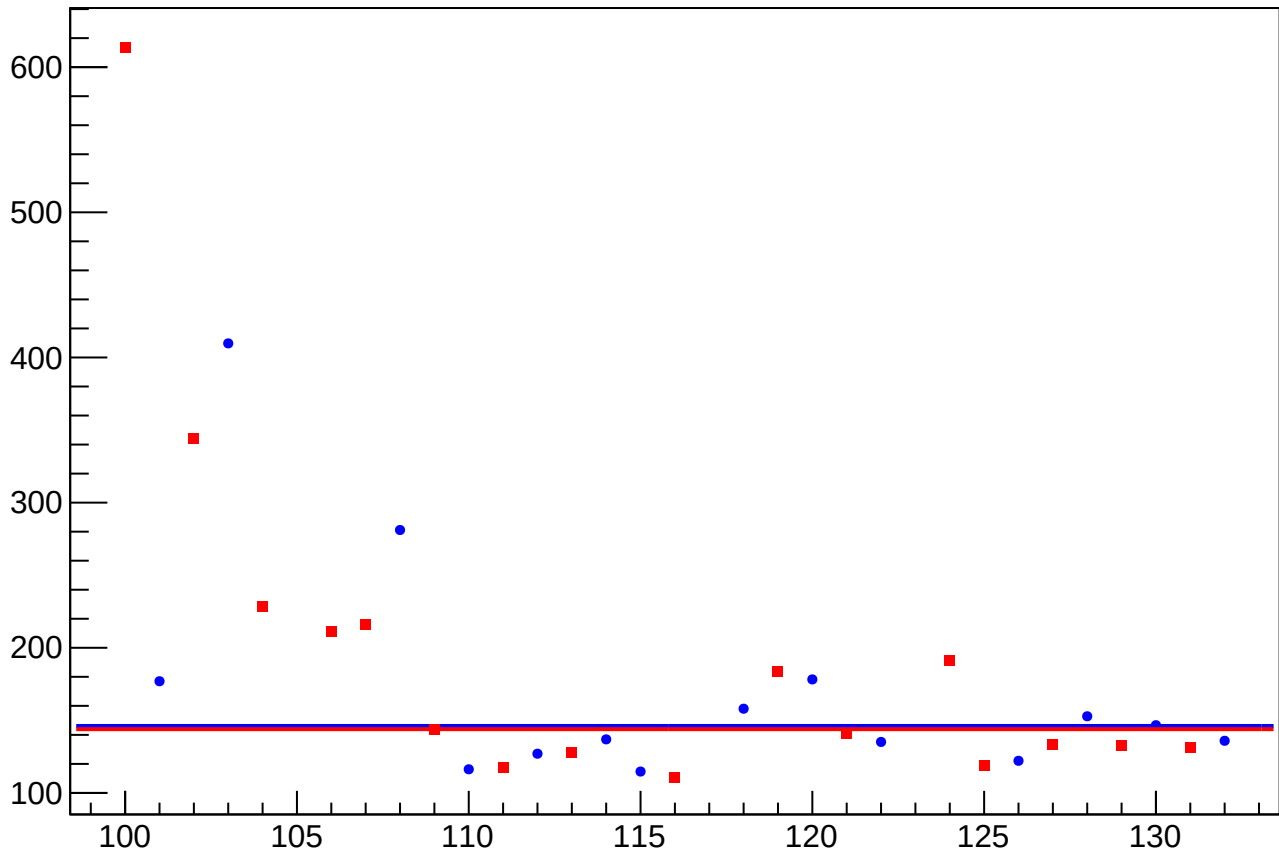
Right: 34.307+/-44.115 χ^2/NDF : 37.0/29

In: 43.132+/-63.494 χ^2/NDF : 24.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.307+/-44.115 χ^2/NDF : 37.0/29

eigen_dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 146.132+/-0.045 χ^2/NDF : 867393.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 143.946+/-0.043 χ^2/NDF : 943948.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

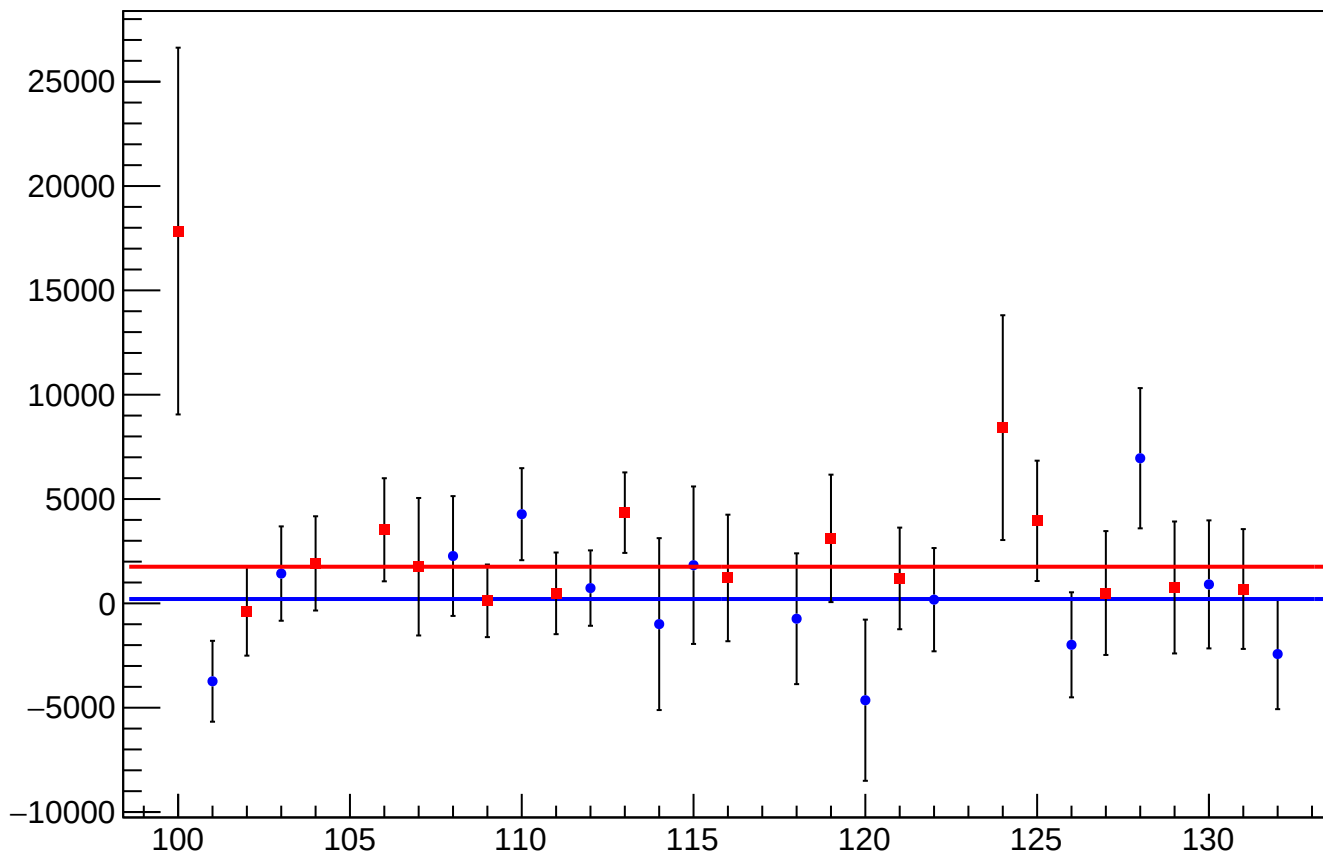
Right: 145.001+/-0.031 χ^2/NDF : 1812567.5/29

In: 146.132+/-0.045 χ^2/NDF : 867393.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.001+/-0.031 χ^2/NDF : 1812567.5/29

asym_sam3_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 208.850+/-698.036 χ^2/NDF : 16.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1756.341+/-642.920 χ^2/NDF : 10.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

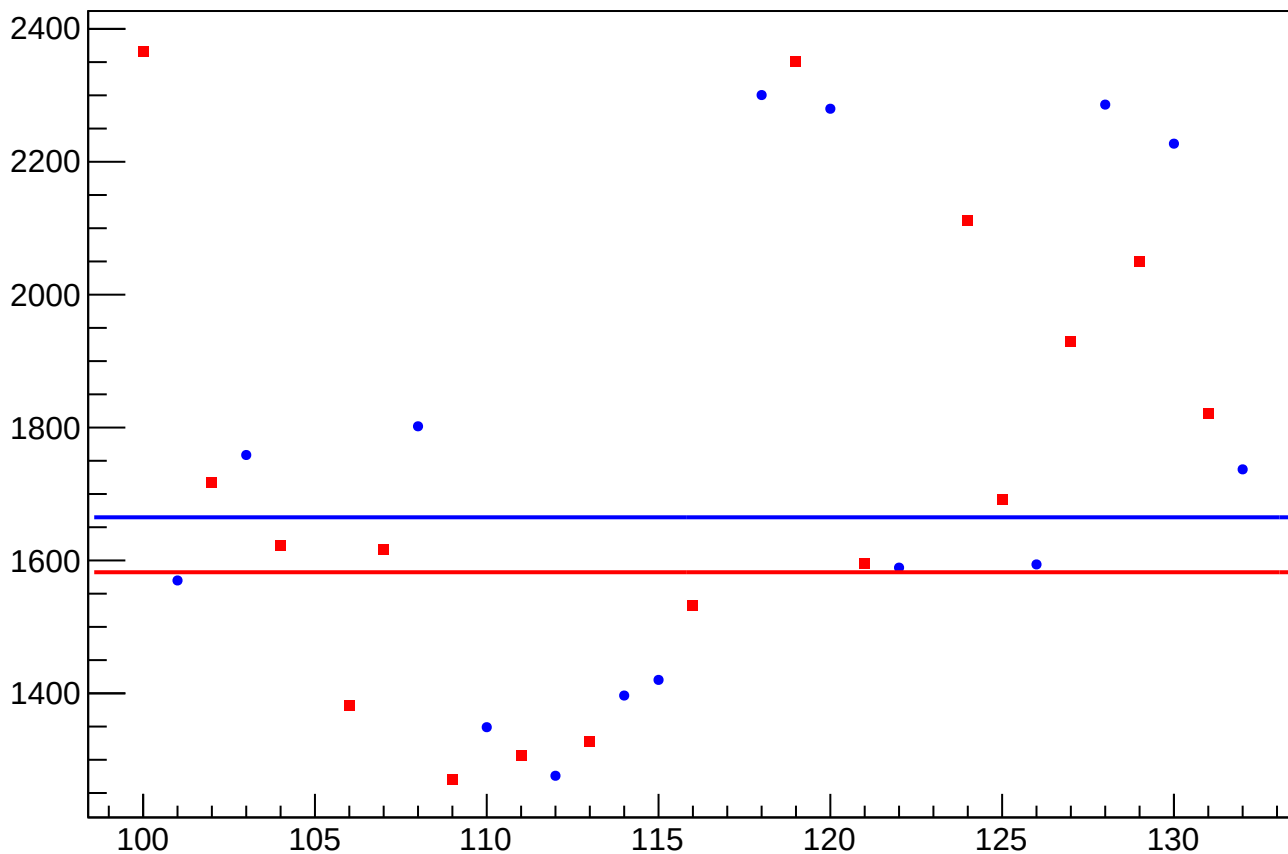
Right: 1046.093+/-472.899 χ^2/NDF : 29.6/29

In: 208.850+/-698.036 χ^2/NDF : 16.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1046.093+/-472.899 χ^2/NDF : 29.6/29

asym_sam3_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1664.942 $\pm$ 0.494 χ^2 /NDF: 436830.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1582.255 $\pm$ 0.455 χ^2 /NDF: 411746.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

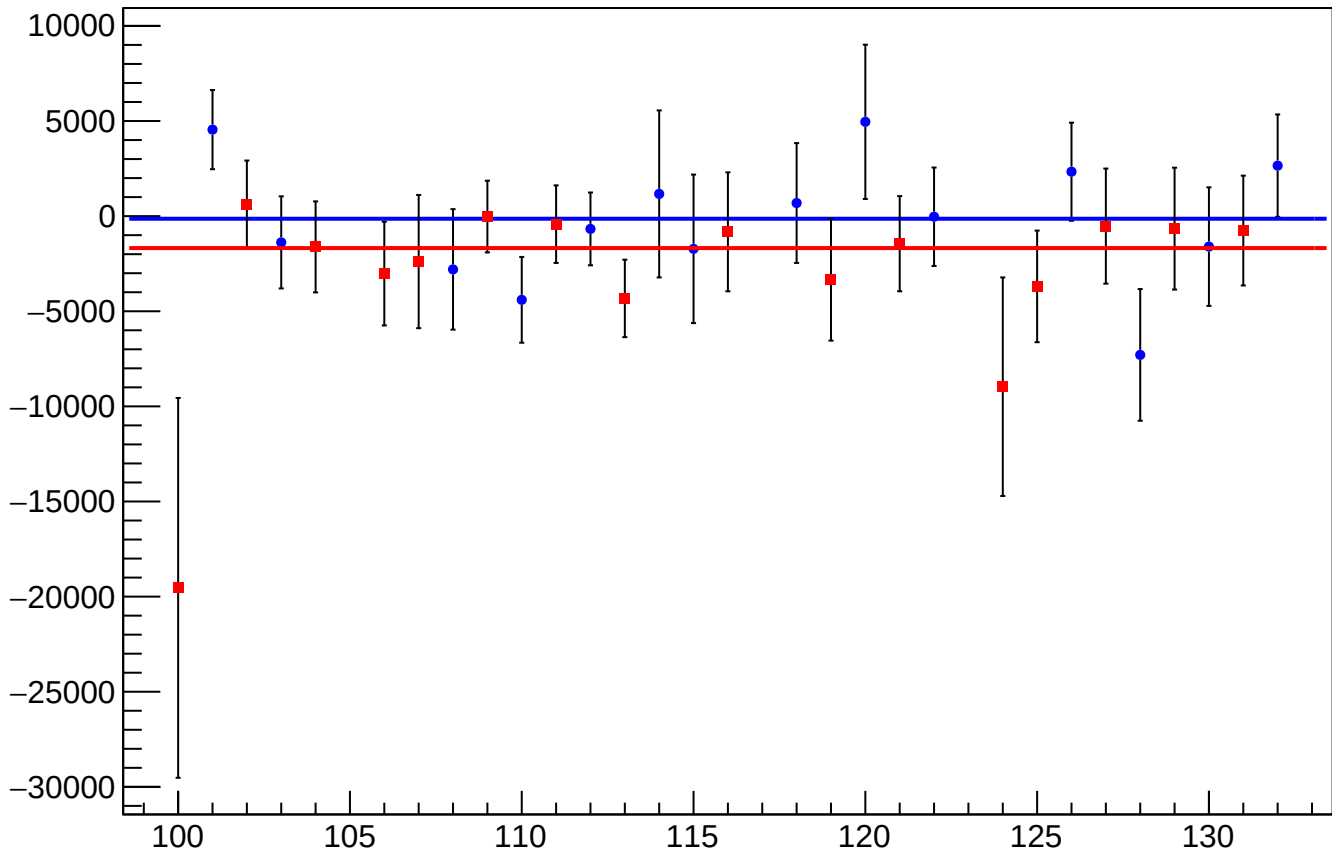
Right: 1620.206 $\pm$ 0.334 χ^2 /NDF: 863759.9/29

In: 1664.942 $\pm$ 0.494 χ^2 /NDF:436830.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1620.206 $\pm$ 0.334 χ^2 /NDF: 863759.9/29

asym_sam3_mean vs Slug, Sign Corrected



Right In: -136.319+/-730.403 χ^2/NDF : 18.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1678.194+/-676.531 χ^2/NDF : 10.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

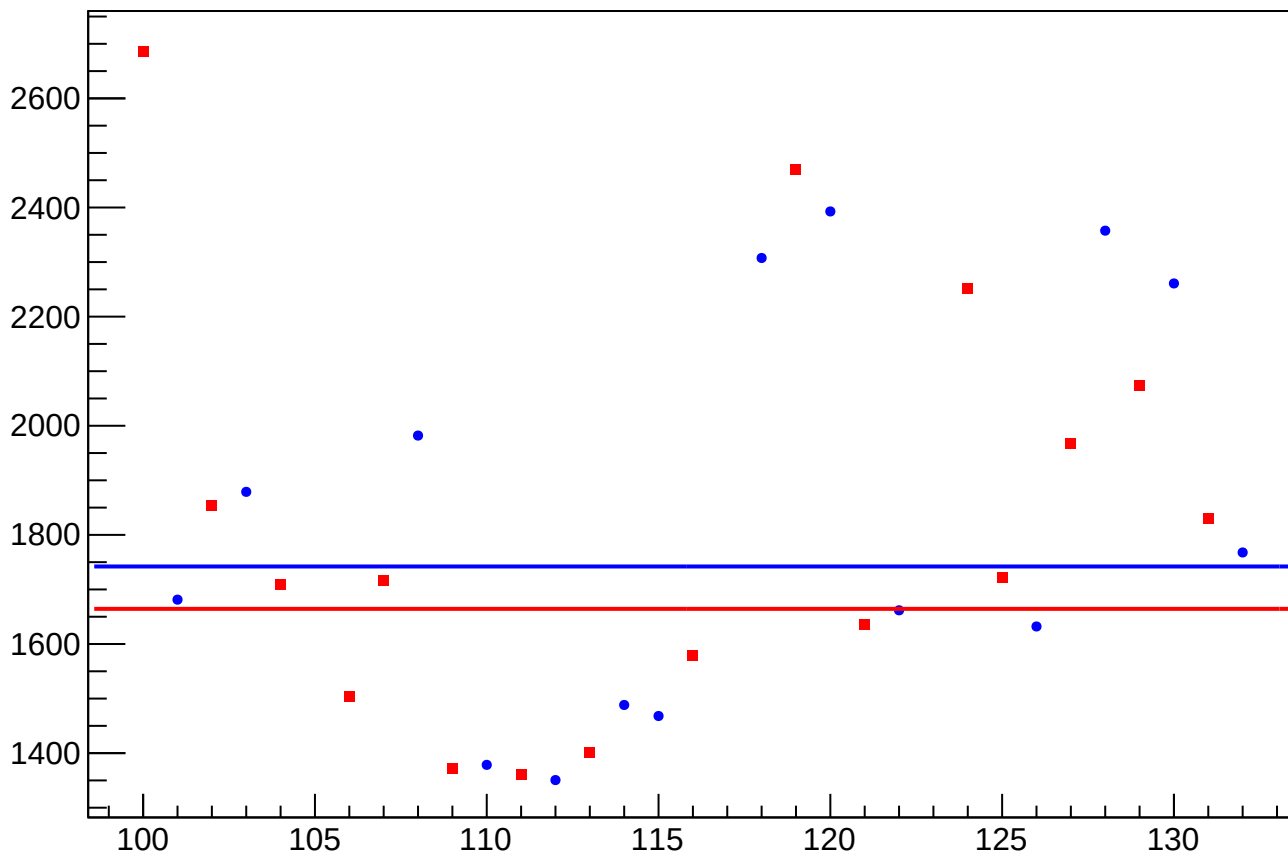
Right: -966.209+/-496.333 χ^2/NDF : 30.6/29

In: -136.319+/-730.403 χ^2/NDF : 18.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -966.209+/-496.333 χ^2/NDF : 30.6/29

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1742.103+/-0.516 χ^2/NDF : 412134.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1664.440+/-0.478 χ^2/NDF : 377197.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

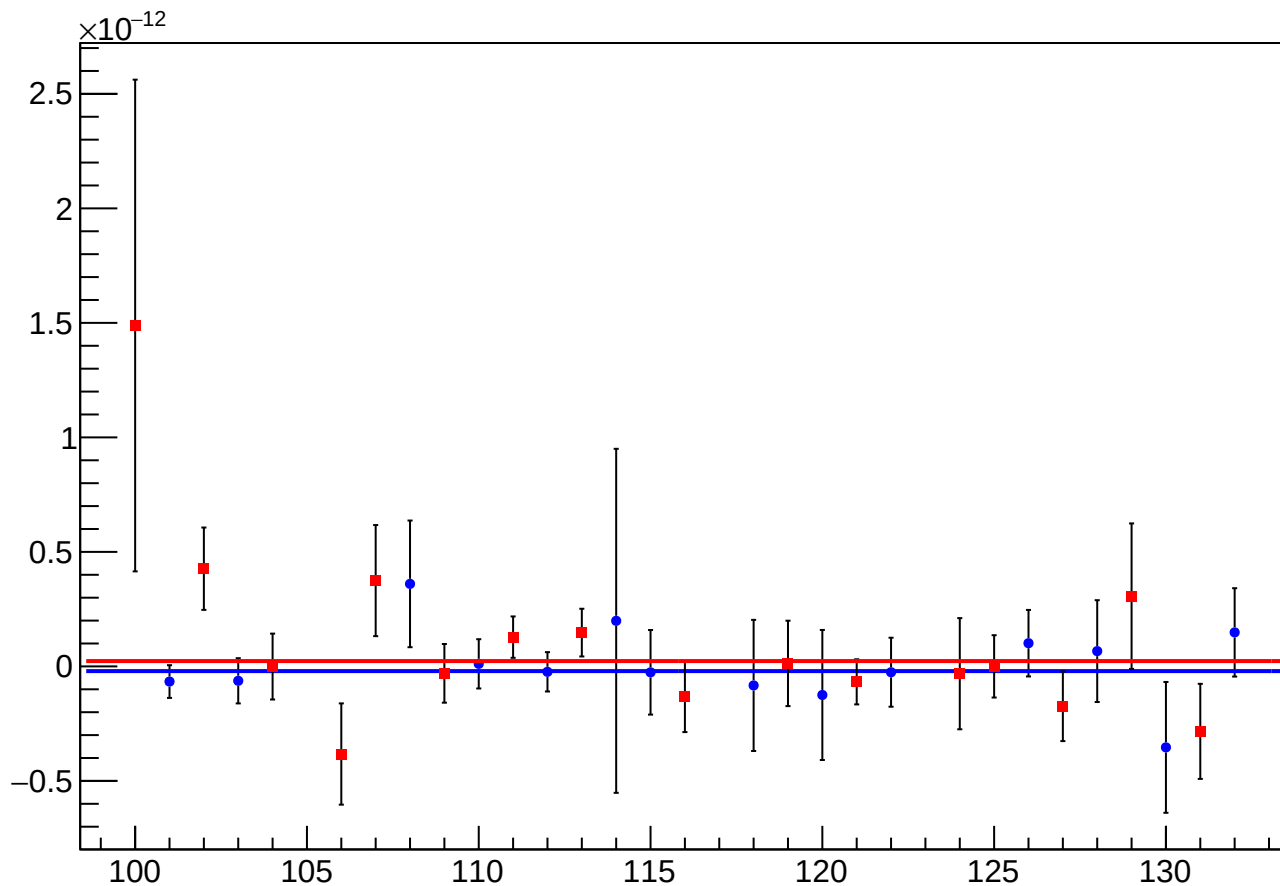
Right: 1700.302+/-0.351 χ^2/NDF : 801502.7/29

In: 1742.103+/-0.516 χ^2/NDF : 412134.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1700.302+/-0.351 χ^2/NDF : 801502.7/29

asym_sam3_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 5.8/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 22.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

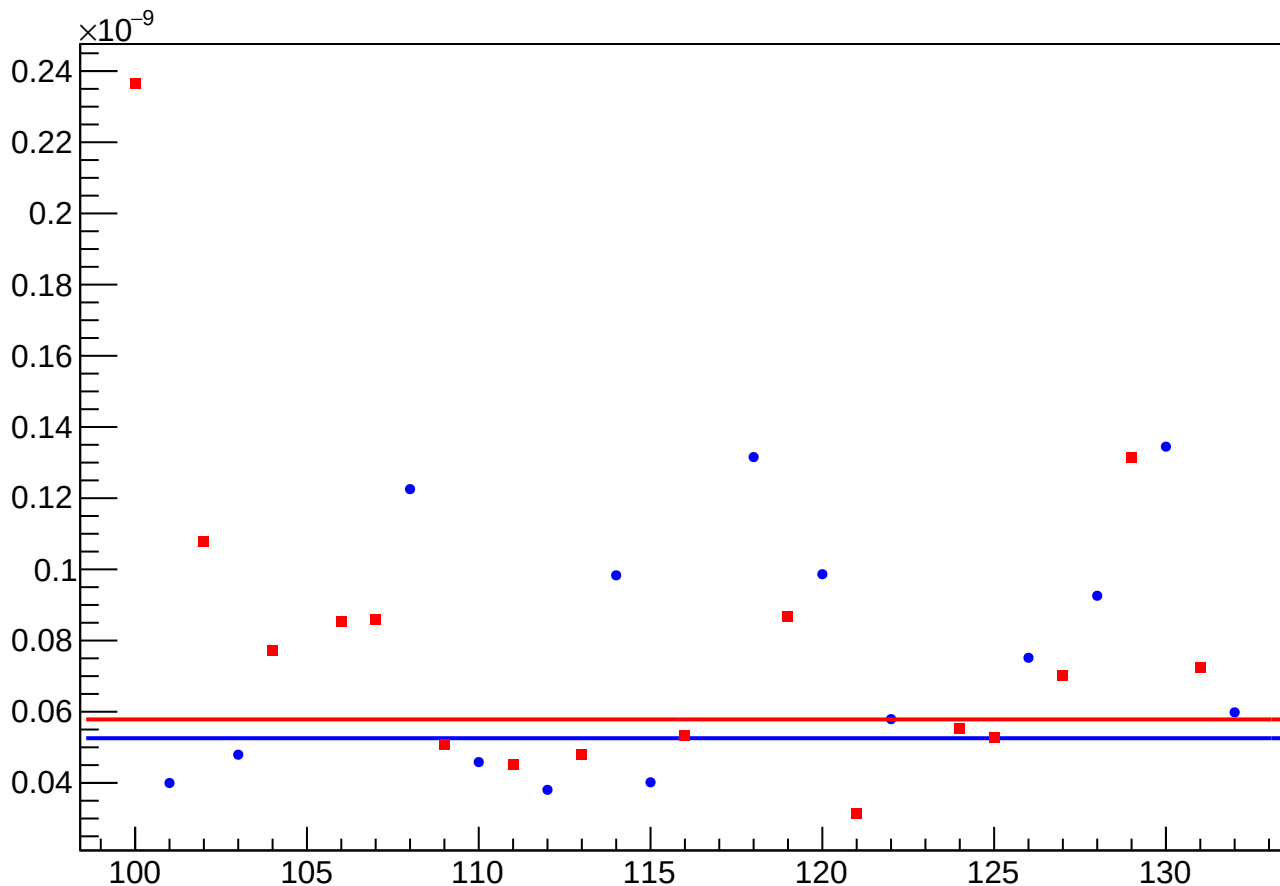
Right: 0.000 ± 0.000 χ^2/NDF : 28.5/29

In: -0.000 ± 0.000 χ^2/NDF : 5.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 28.5/29

asym_sam3_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 763678.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 693767.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

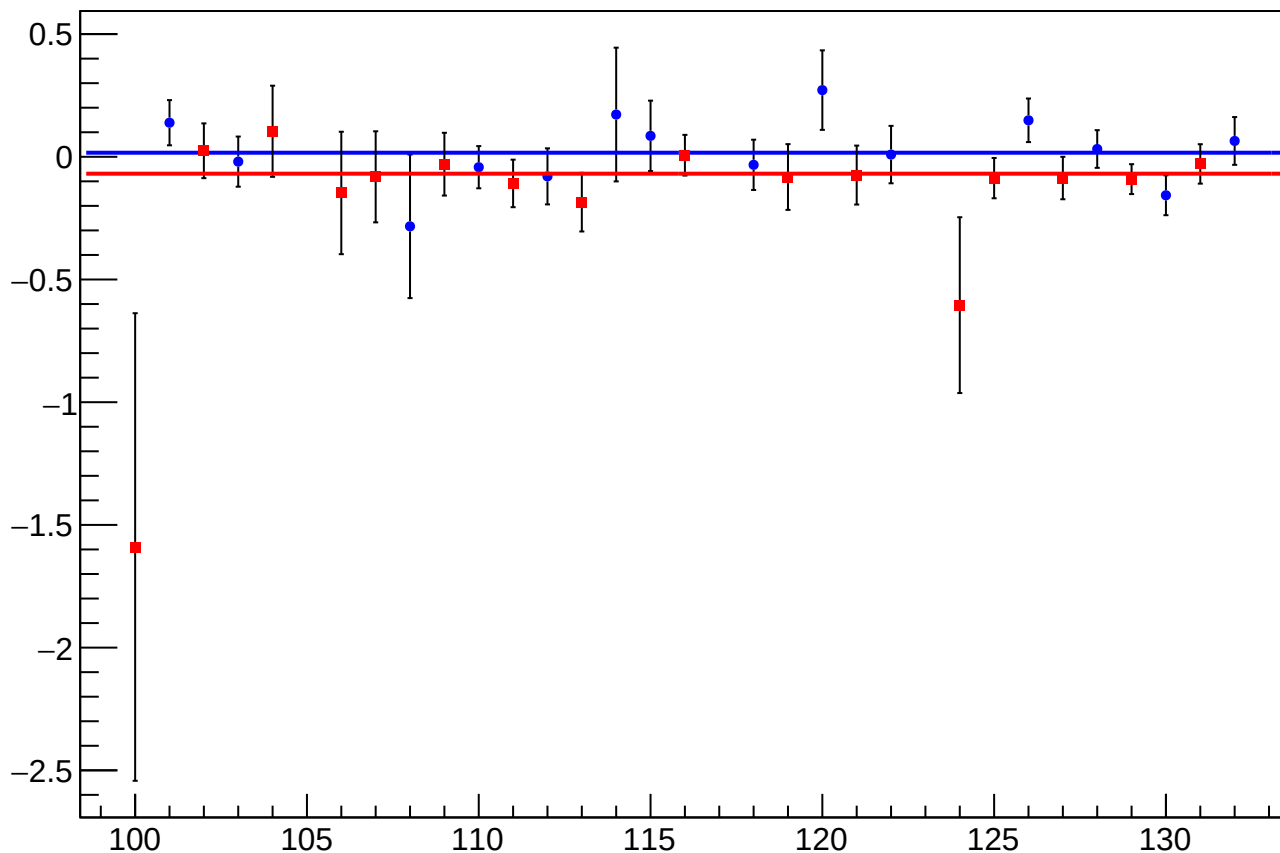
Right: 0.000+/-0.000 χ^2/NDF : 1477702.9/29

In: 0.000+/-0.000 χ^2/NDF : 763678.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1477702.9/29

asym_sam3_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.028 χ^2/NDF : 14.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.069+/-0.027 χ^2/NDF : 9.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

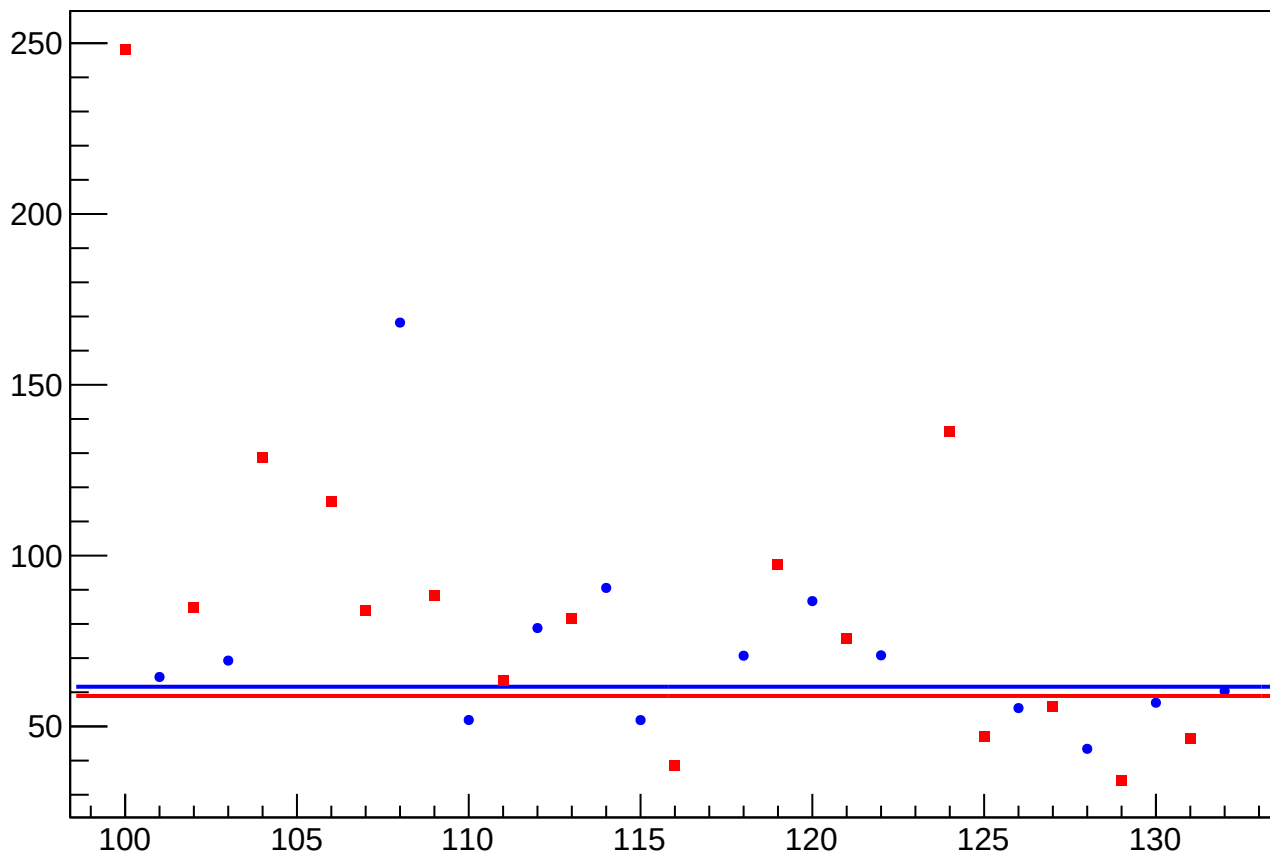
Right: -0.028+/-0.019 χ^2/NDF : 28.2/29

In: 0.017+/-0.028 χ^2/NDF : 14.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.028+/-0.019 χ^2/NDF : 28.2/29

asym_sam3_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.618+/-0.020 χ^2/NDF : 586472.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.918+/-0.019 χ^2/NDF : 1633649.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

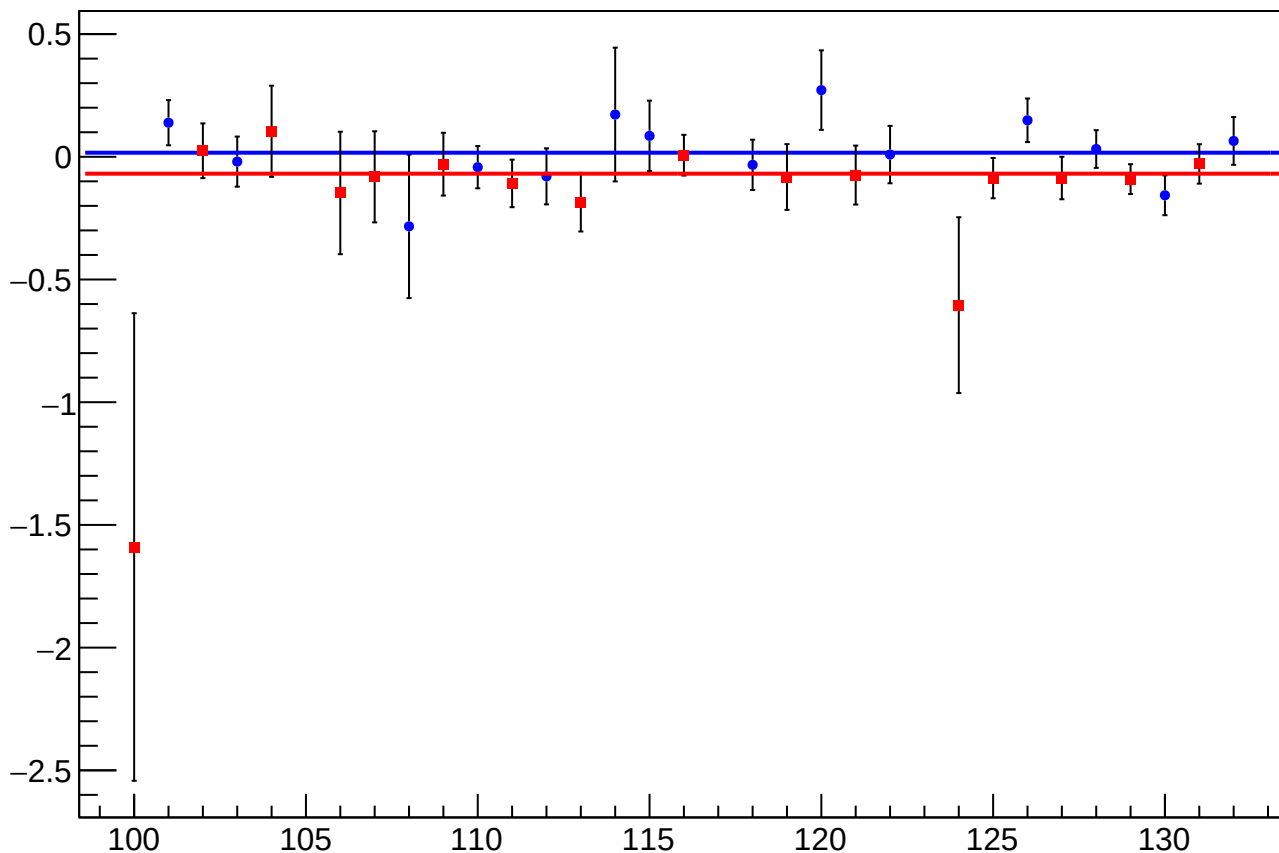
Right: 60.208+/-0.014 χ^2/NDF : 2229721.3/29

In: 61.618+/-0.020 χ^2/NDF : 586472.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.208+/-0.014 χ^2/NDF : 2229721.3/29

asym_sam3_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017 $\pm$ 0.028 χ^2 /NDF: 14.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.069 $\pm$ 0.027 χ^2 /NDF: 9.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

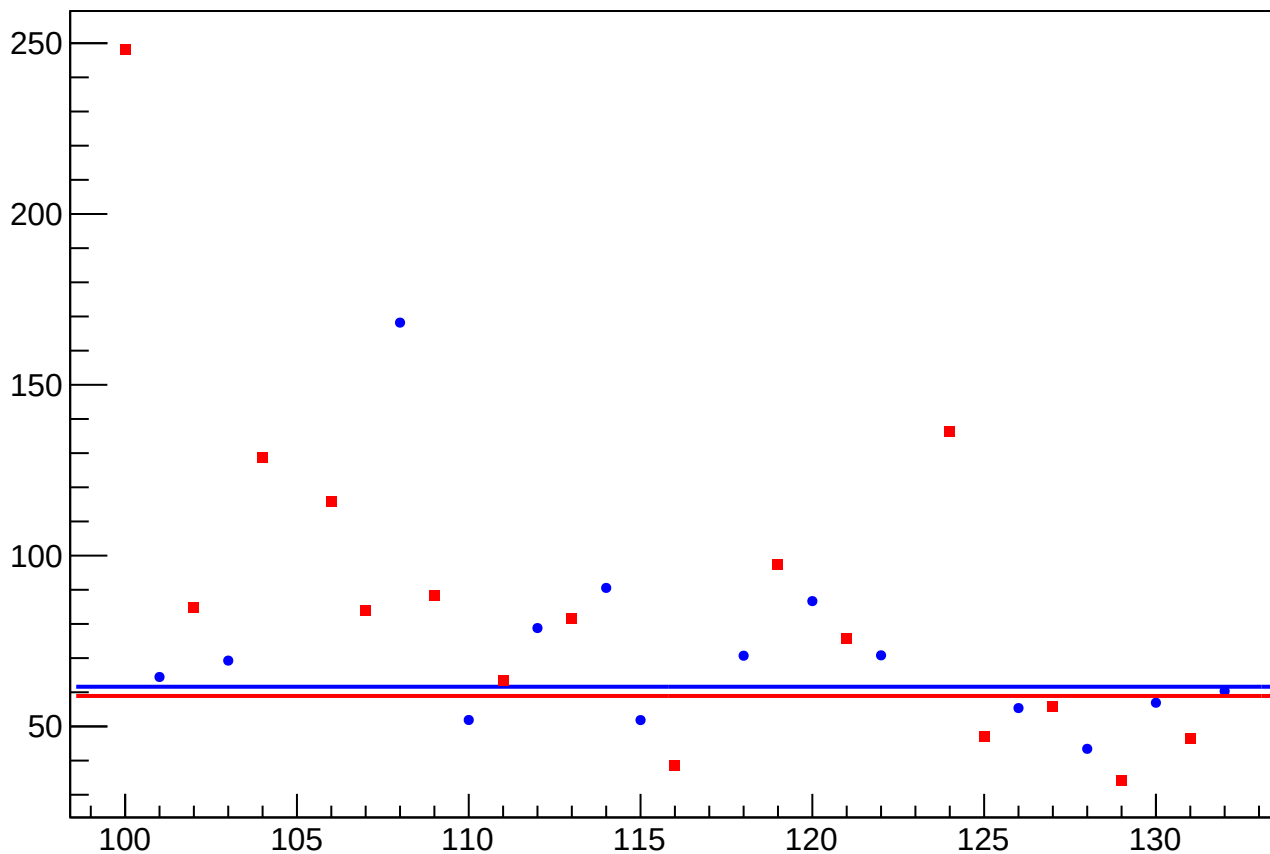
Right: -0.028 $\pm$ 0.019 χ^2 /NDF: 28.2/29

In: 0.017 $\pm$ 0.028 χ^2 /NDF:14.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.028 $\pm$ 0.019 χ^2 /NDF: 28.2/29

asym_sam3_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.618+/-0.020 χ^2/NDF : 586472.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.918+/-0.019 χ^2/NDF : 1633649.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

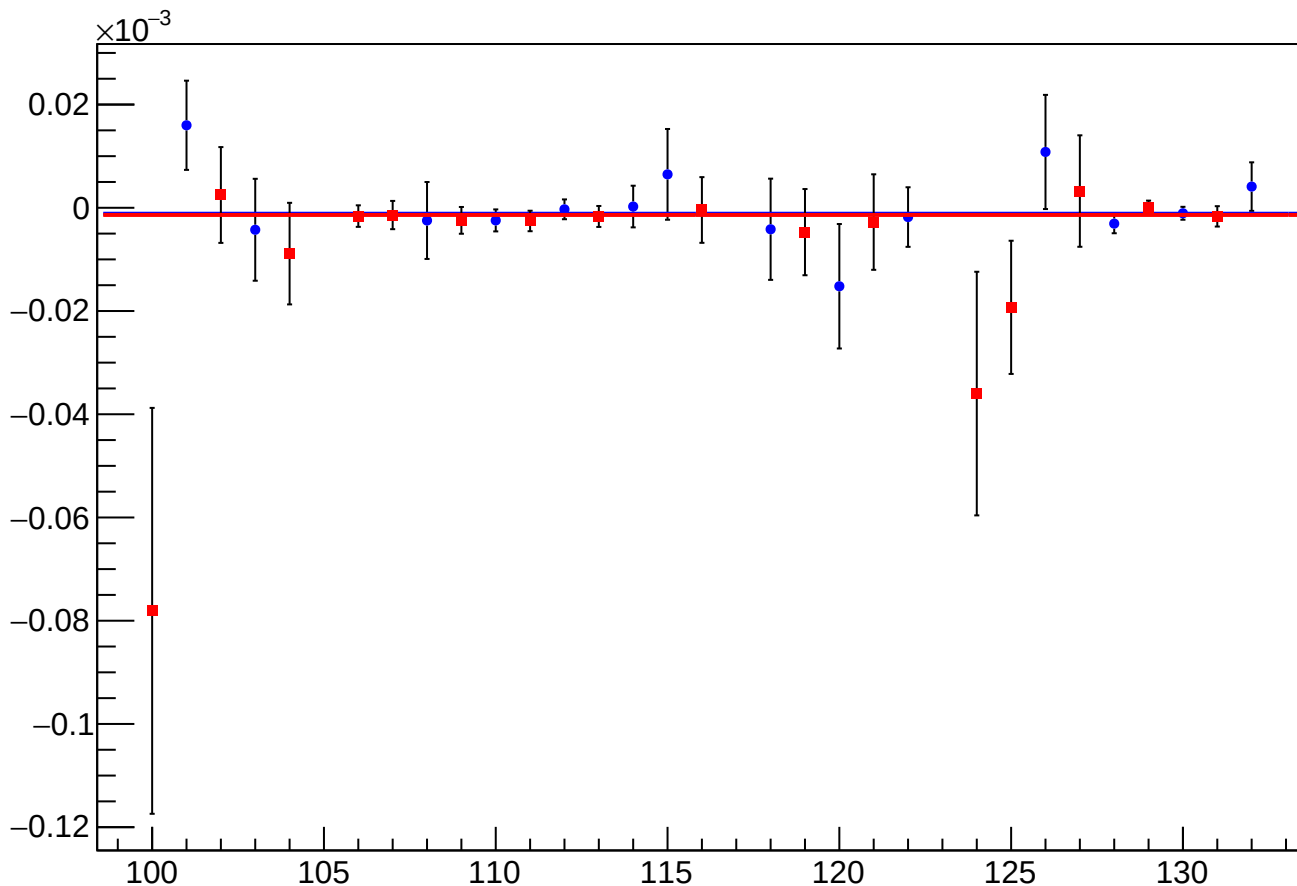
Right: 60.208+/-0.014 χ^2/NDF : 2229721.3/29

In: 61.618+/-0.020 χ^2/NDF : 586472.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.208+/-0.014 χ^2/NDF : 2229721.3/29

asym_sam3_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 10.5/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 10.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

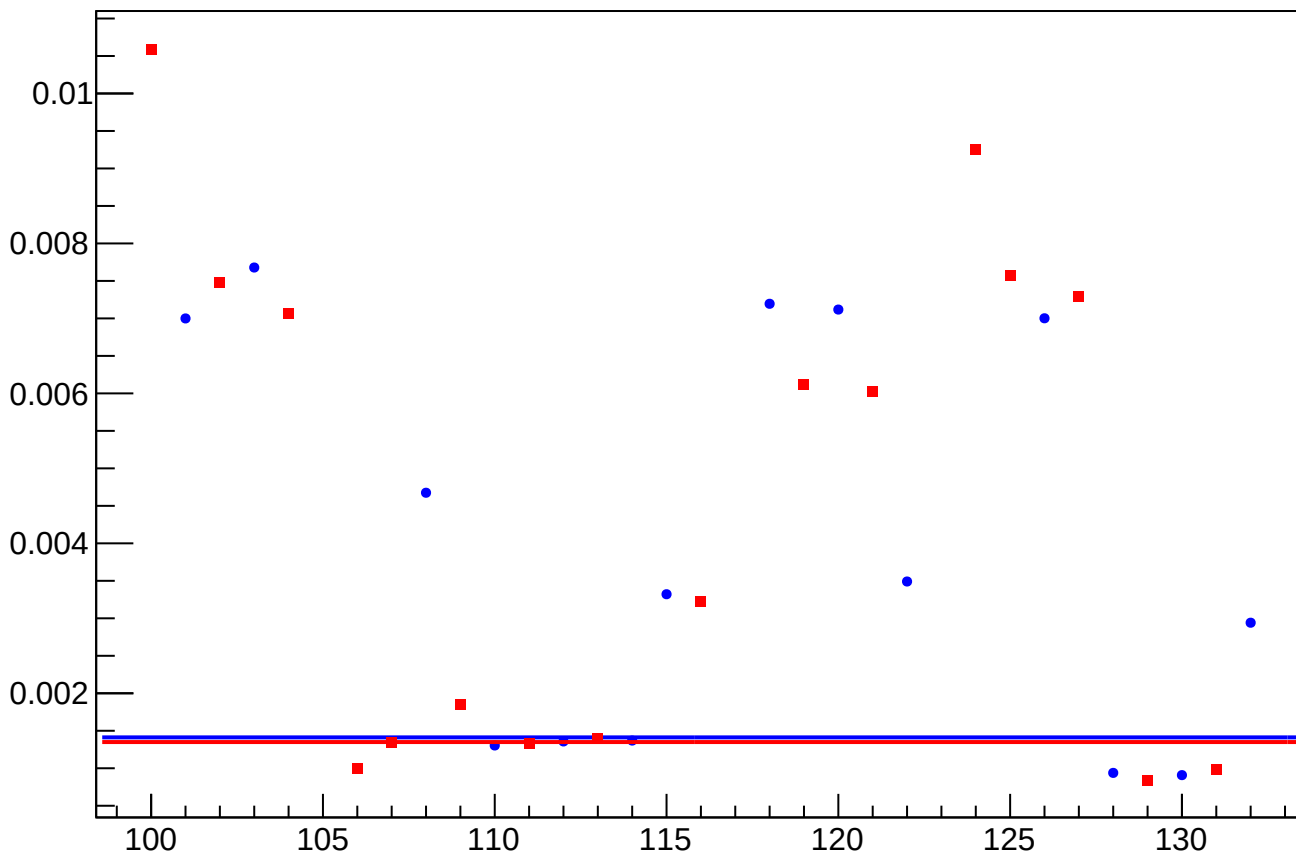
Right: -0.000 ± 0.000 χ^2/NDF : 21.4/29

In: -0.000 ± 0.000 χ^2/NDF : 10.5/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 21.4/29

asym_sam3_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 4705906.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4812268.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

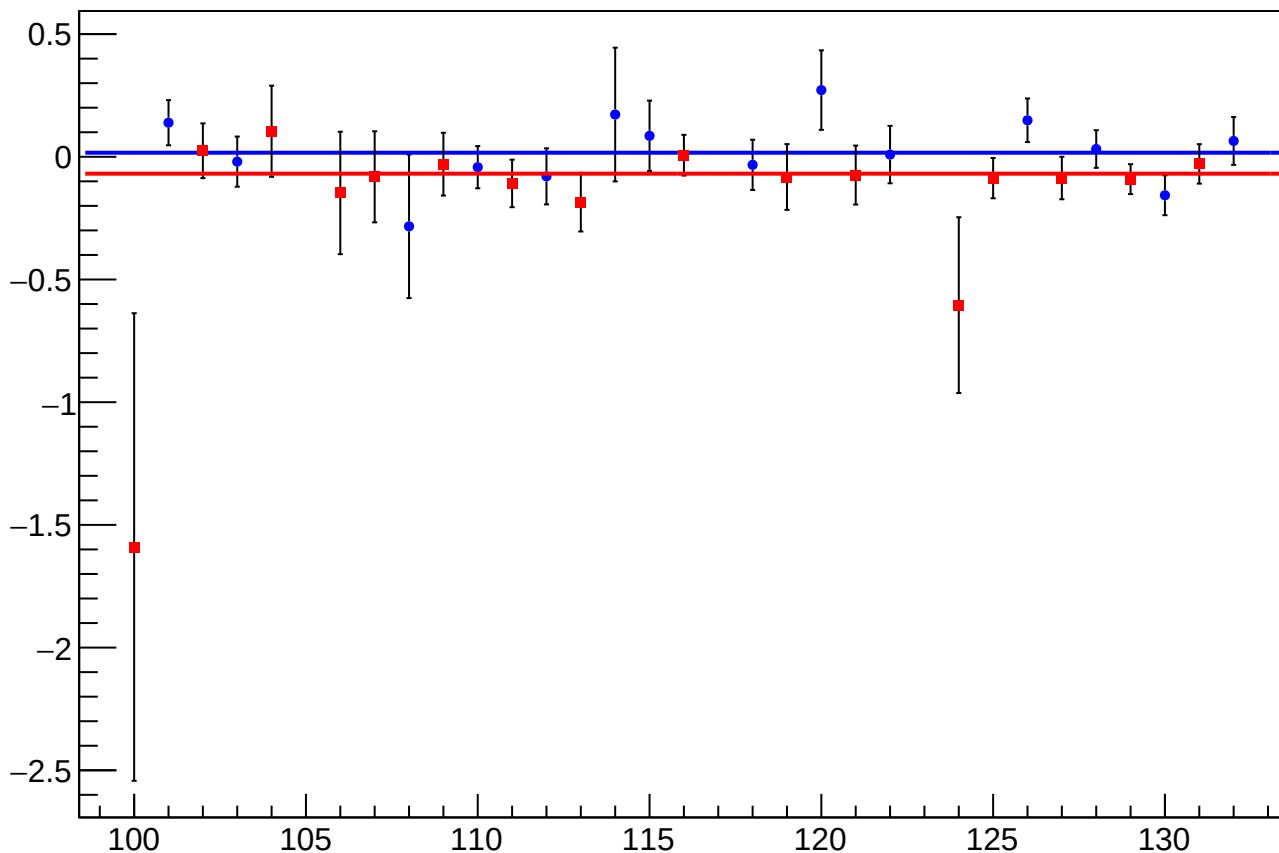
Right: 0.001+/-0.000 χ^2/NDF : 9525099.4/29

In: 0.001+/-0.000 χ^2/NDF :4705906.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 9525099.4/29

asym_sam3_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.028 χ^2/NDF : 14.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.069+/-0.027 χ^2/NDF : 9.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

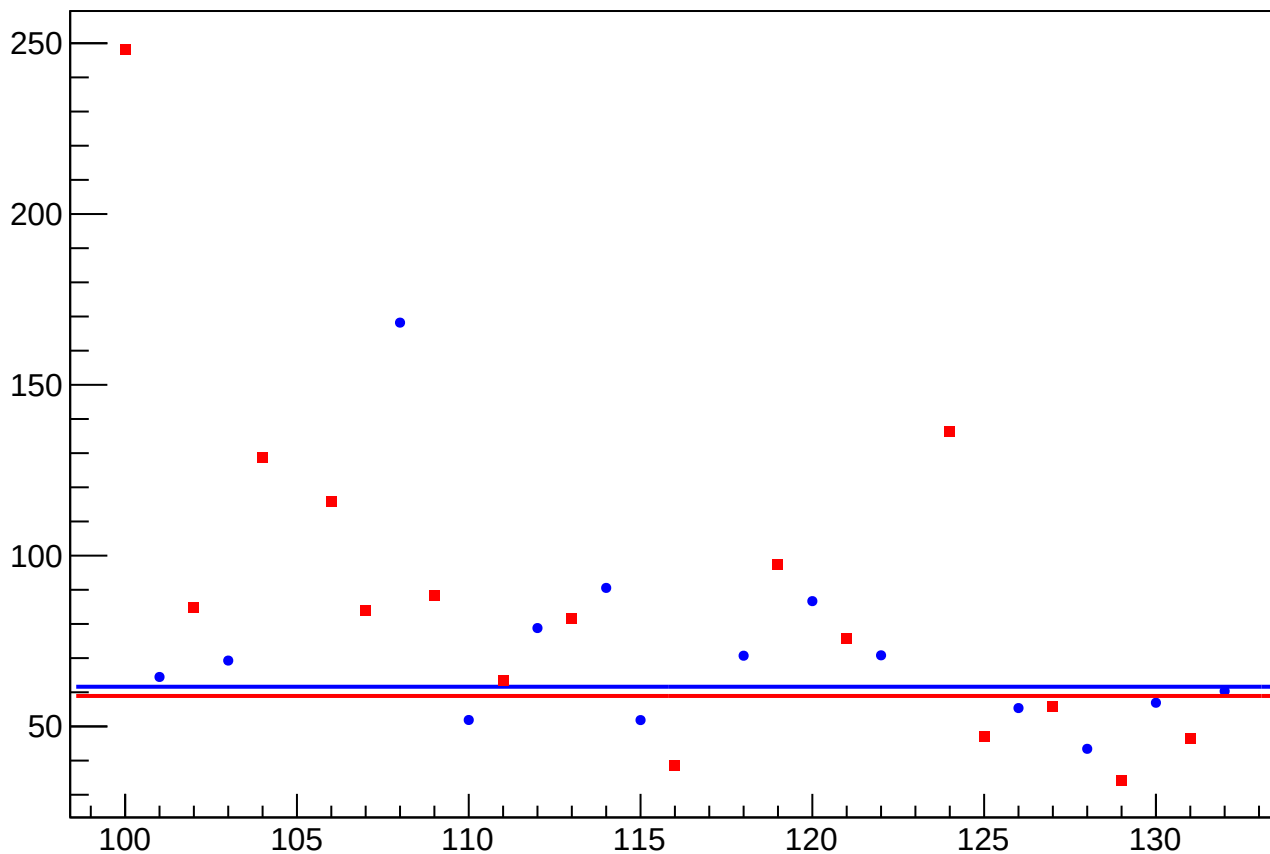
Right: -0.028+/-0.019 χ^2/NDF : 28.2/29

In: 0.017+/-0.028 χ^2/NDF : 14.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.028+/-0.019 χ^2/NDF : 28.2/29

asym_sam3_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.620 $\pm$ 0.020 χ^2 /NDF: 586486.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 58.919 $\pm$ 0.019 χ^2 /NDF: 1633718.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

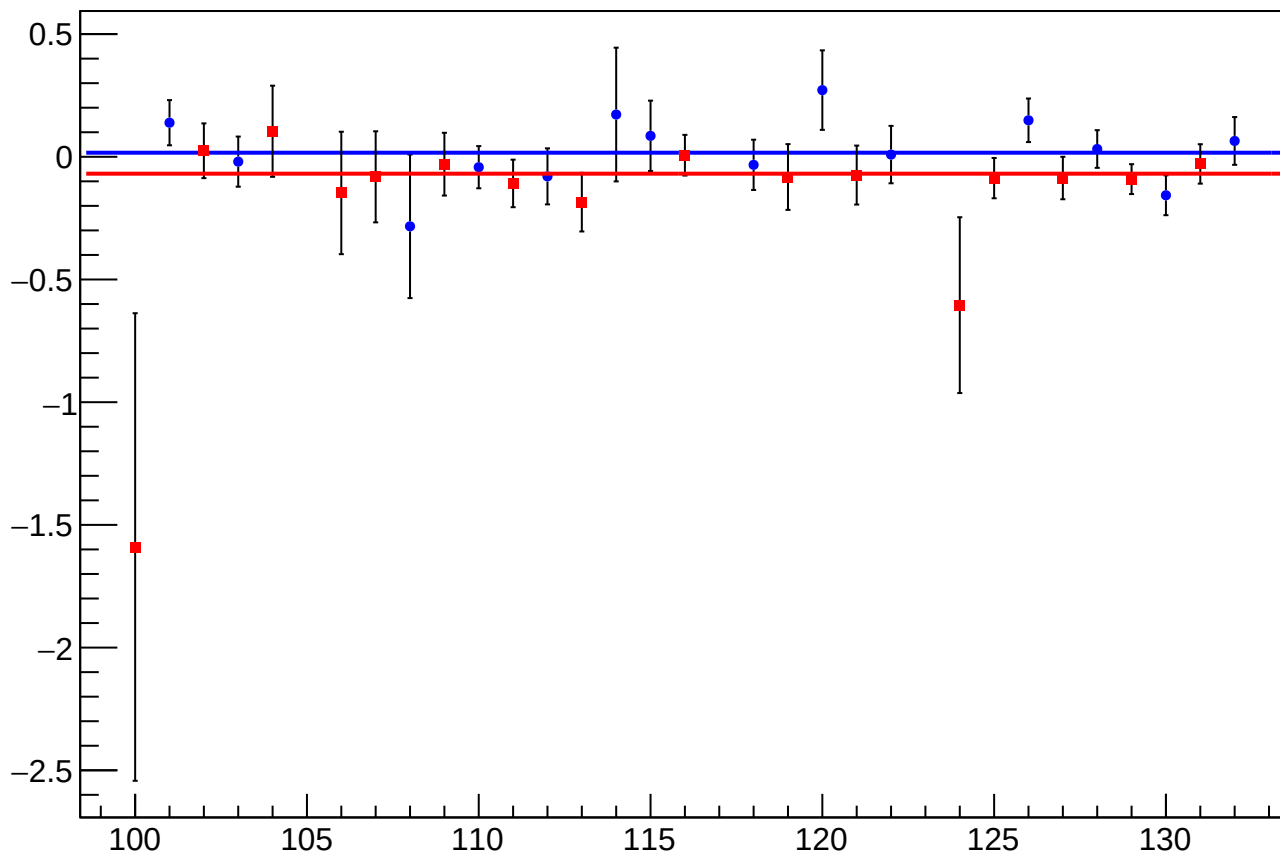
Right: 60.209 $\pm$ 0.014 χ^2 /NDF: 2229809.5/29

In: 61.620 $\pm$ 0.020 χ^2 /NDF:586486.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 60.209 $\pm$ 0.014 χ^2 /NDF: 2229809.5/29

asym_sam3_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017 $\pm$ 0.028 χ^2 /NDF: 14.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.069 $\pm$ 0.027 χ^2 /NDF: 9.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

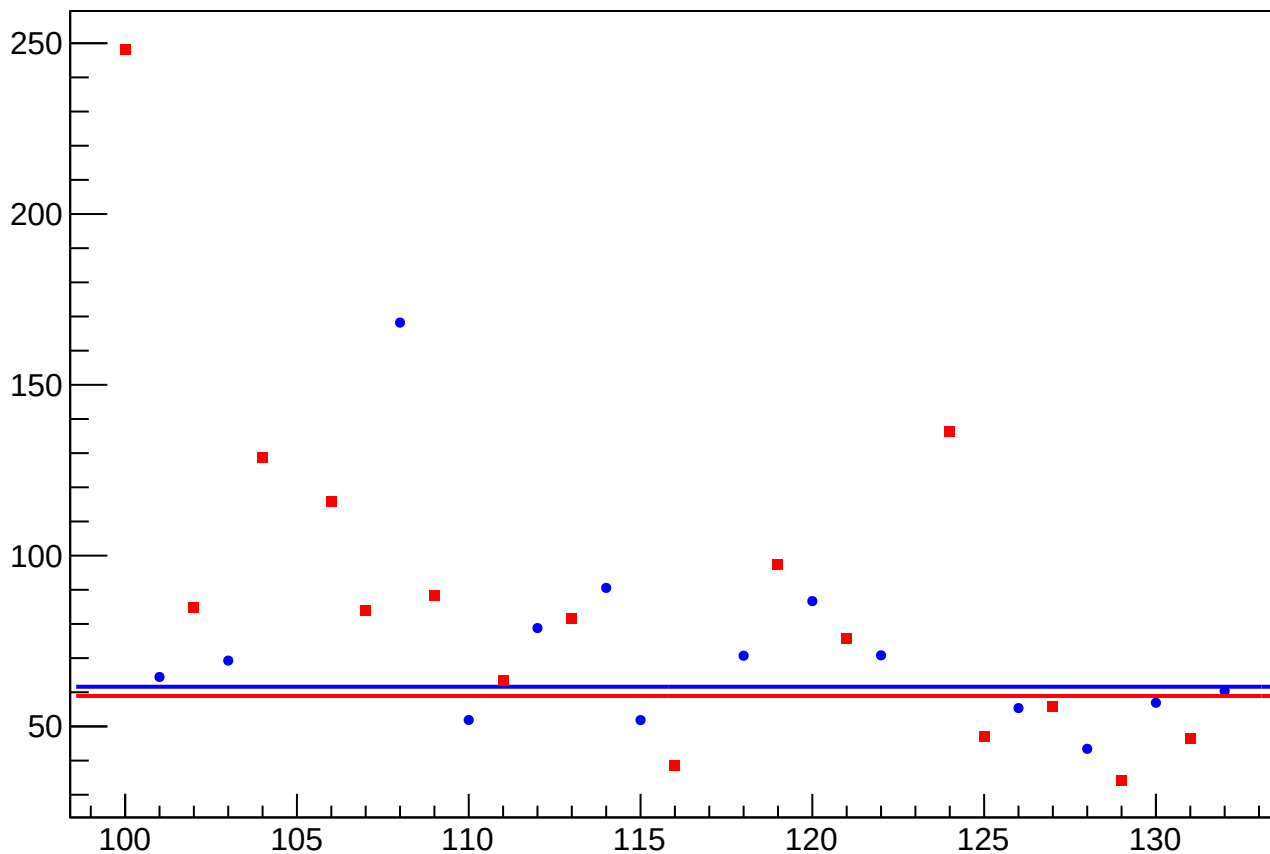
Right: -0.028 $\pm$ 0.019 χ^2 /NDF: 28.2/29

In: 0.017 $\pm$ 0.028 χ^2 /NDF:14.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.028 $\pm$ 0.019 χ^2 /NDF: 28.2/29

asym_sam3_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.620+/-0.020 χ^2/NDF : 586486.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.919+/-0.019 χ^2/NDF : 1633718.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

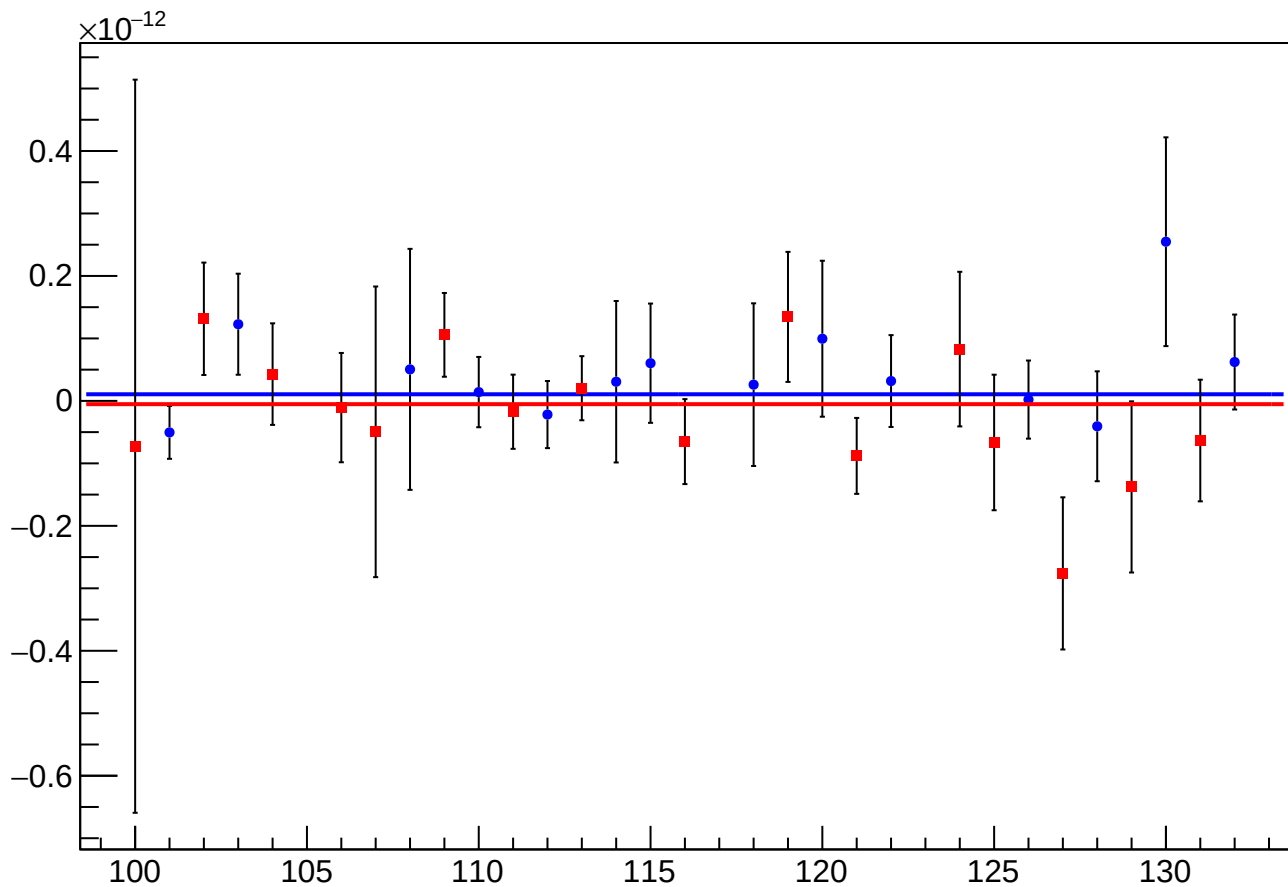
Right: 60.209+/-0.014 χ^2/NDF : 2229809.5/29

In: 61.620+/-0.020 χ^2/NDF : 586486.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.209+/-0.014 χ^2/NDF : 2229809.5/29

asym_sam3_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

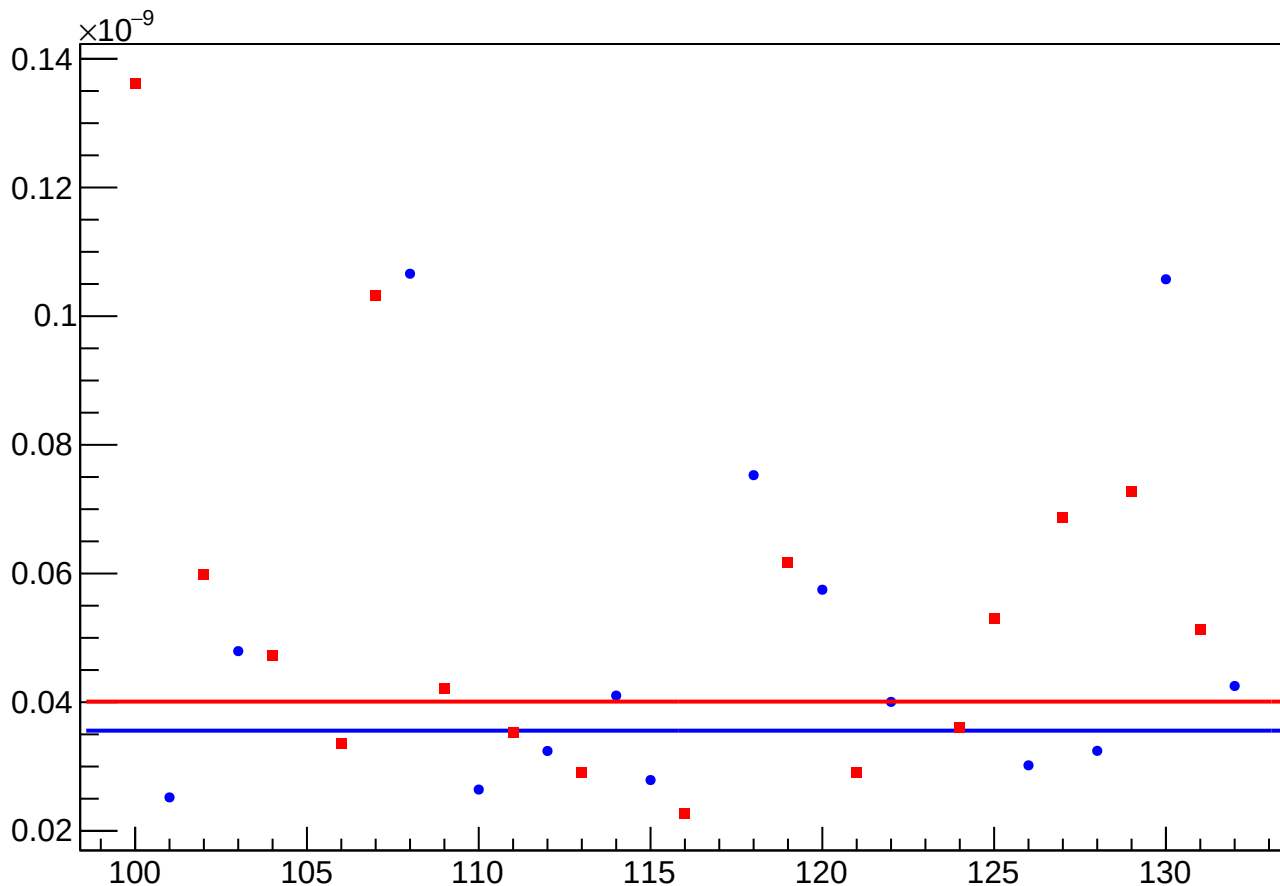
Right: 0.000+/-0.000 χ^2/NDF : 25.8/29

In: 0.000+/-0.000 χ^2/NDF : 8.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.8/29

asym_sam3_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1156517.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 994348.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

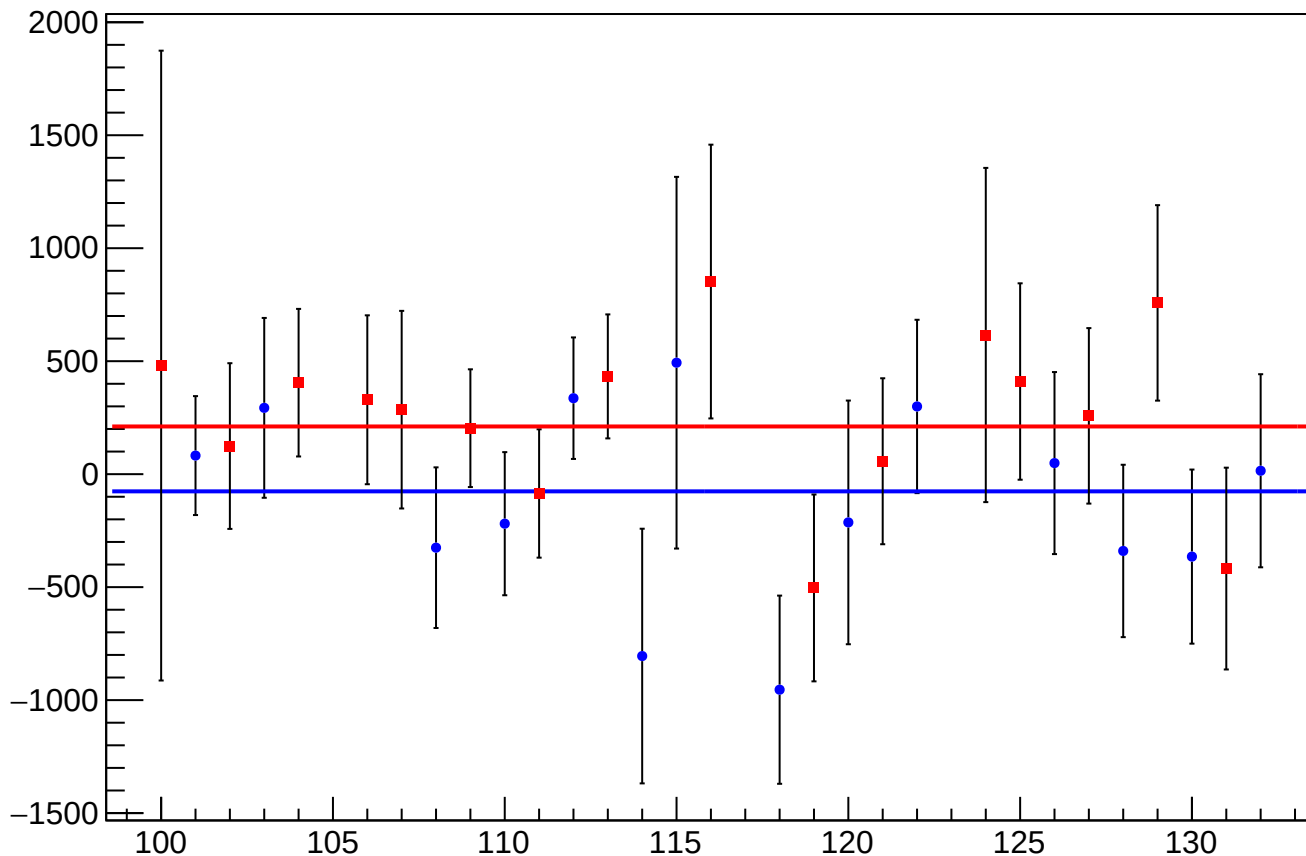
Right: 0.000+/-0.000 χ^2/NDF : 2199131.4/29

In: 0.000+/-0.000 χ^2/NDF : 1156517.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2199131.4/29

reg_asym_sam4_mean vs Slug, Sign Corrected



Right In: -76.099+/-100.838 χ^2/NDF : 13.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 211.077+/-95.247 χ^2/NDF : 10.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

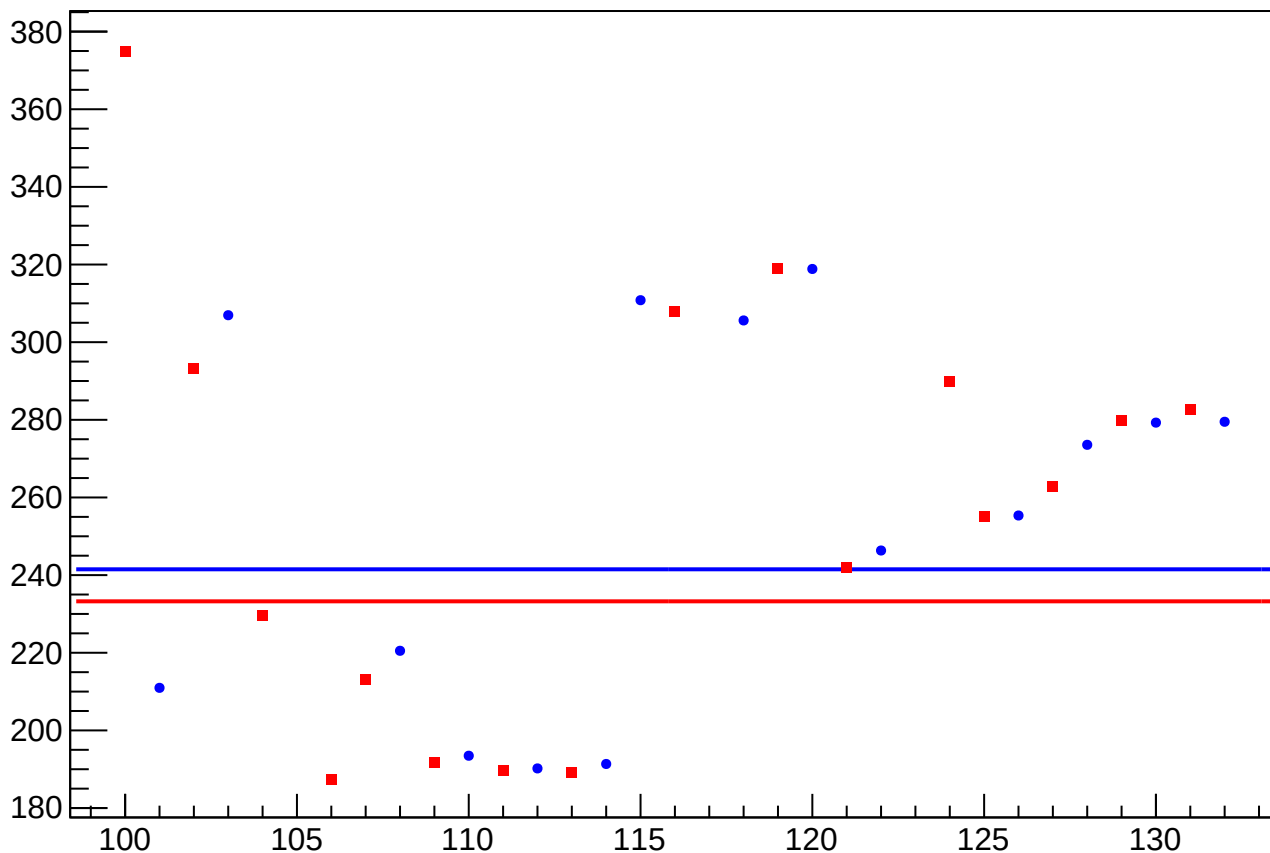
Right: 75.671+/-69.242 χ^2/NDF : 28.1/29

In: -76.099+/-100.838 χ^2/NDF : 13.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.671+/-69.242 χ^2/NDF : 28.1/29

reg_asym_sam4_rms vs Slug, Sign Corrected



Right In: 241.496+/-0.071 χ^2/NDF : 377186.9/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 233.249+/-0.067 χ^2/NDF : 451738.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

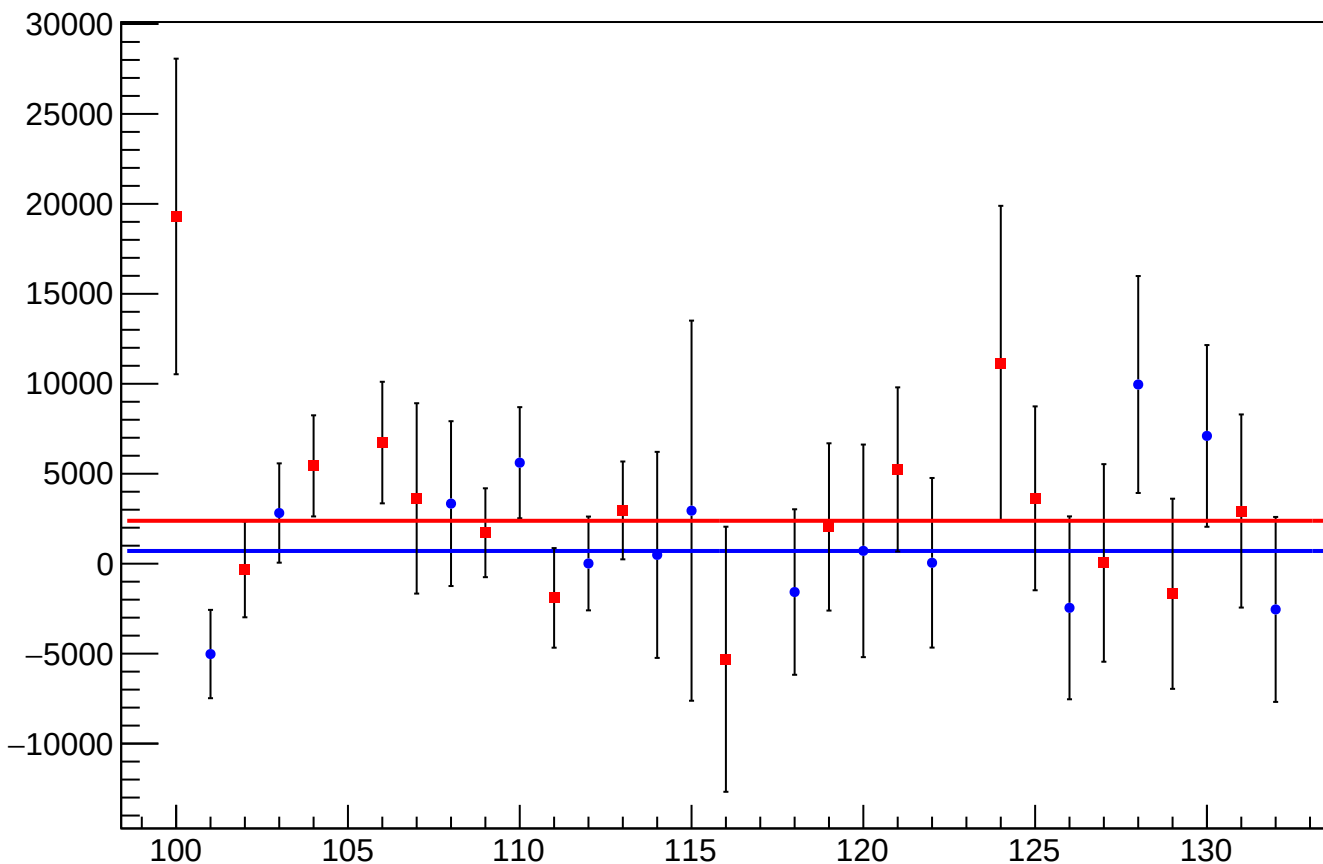
Right: 237.137+/-0.049 χ^2/NDF : 835996.6/29

In: 241.496+/-0.071 χ^2/NDF :377186.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 237.137+/-0.049 χ^2/NDF : 835996.6/29

asym_sam4_reg_correction_mean vs Slug, Sign Corrected



Right In: 706.510+/-1053.816 χ^2/NDF : 14.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2384.195+/-953.085 χ^2/NDF : 13.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

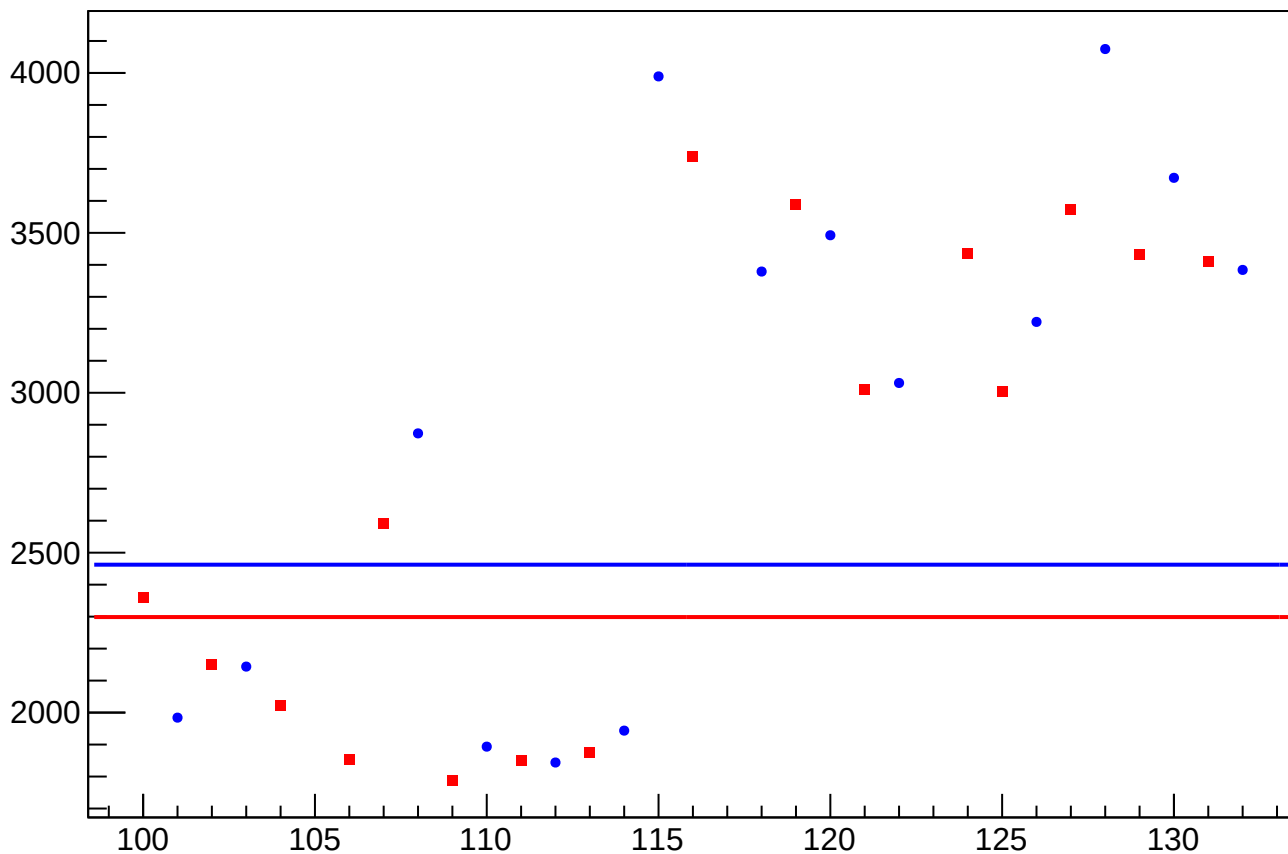
Right: 1629.348+/-706.869 χ^2/NDF : 28.9/29

In: 706.510+/-1053.816 χ^2/NDF : 14.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1629.348+/-706.869 χ^2/NDF : 28.9/29

asym_sam4_reg_correction_rms vs Slug, Sign Corrected



Right In: 2462.439+/-0.745 χ^2/NDF : 893240.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2298.689+/-0.674 χ^2/NDF : 889208.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

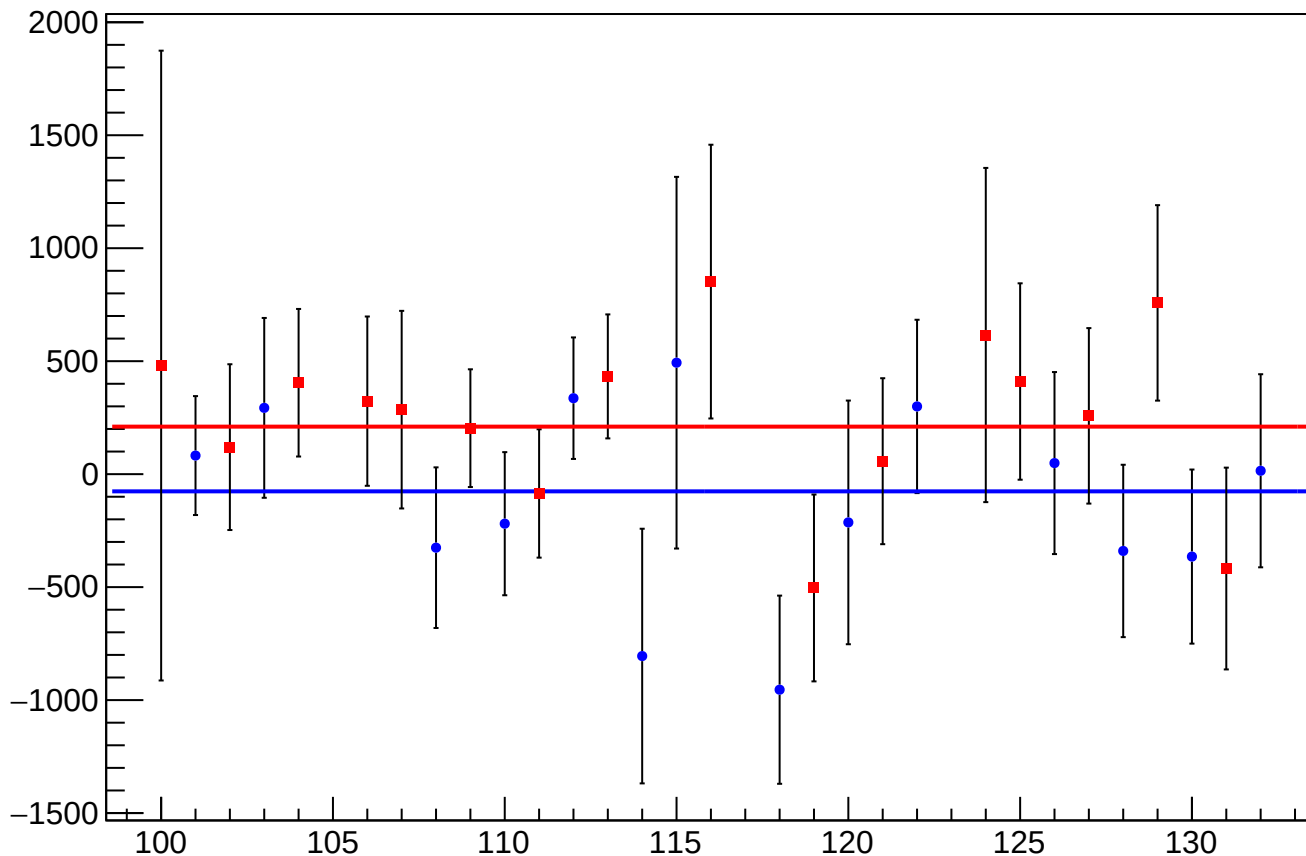
Right: 2372.366+/-0.500 χ^2/NDF : 1809011.5/29

In: 2462.439+/-0.745 χ^2/NDF : 893240.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2372.366+/-0.500 χ^2/NDF : 1809011.5/29

cor_asym_sam4_mean vs Slug, Sign Corrected



Right In: -76.138+/-100.838 χ^2/NDF : 13.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 210.302+/-95.264 χ^2/NDF : 10.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

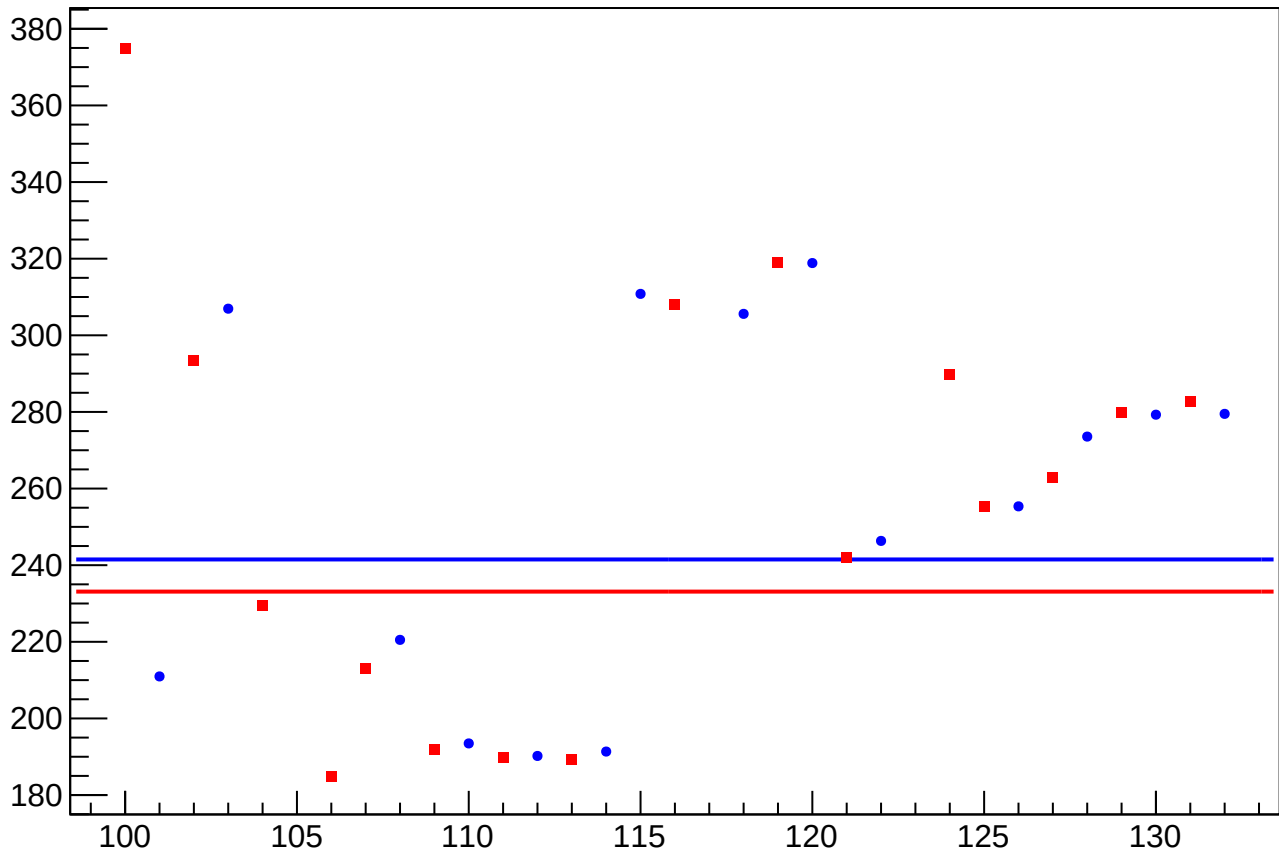
Right: 75.217+/-69.249 χ^2/NDF : 28.0/29

In: -76.138+/-100.838 χ^2/NDF : 13.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.217+/-69.249 χ^2/NDF : 28.0/29

cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 241.496+/-0.071 χ^2/NDF : 377189.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 233.105+/-0.067 χ^2/NDF : 455159.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

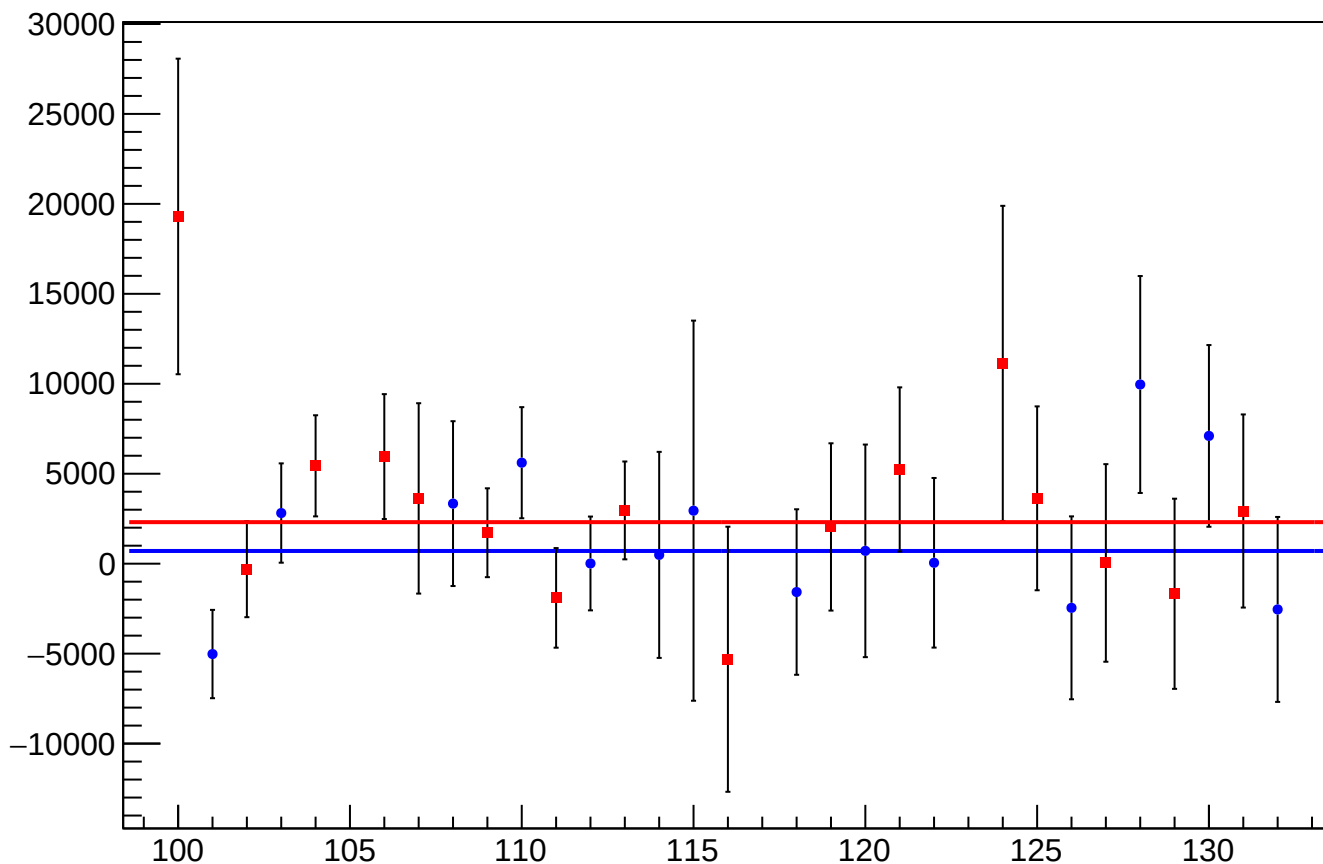
Right: 237.062+/-0.049 χ^2/NDF : 839666.9/29

In: 241.496+/-0.071 χ^2/NDF : 377189.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 237.062+/-0.049 χ^2/NDF : 839666.9/29

asym_sam4_cor_correction_mean vs Slug, Sign Corrected



Right In: 706.312+/-1053.828 χ^2/NDF : 14.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2308.537+/-955.134 χ^2/NDF : 12.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

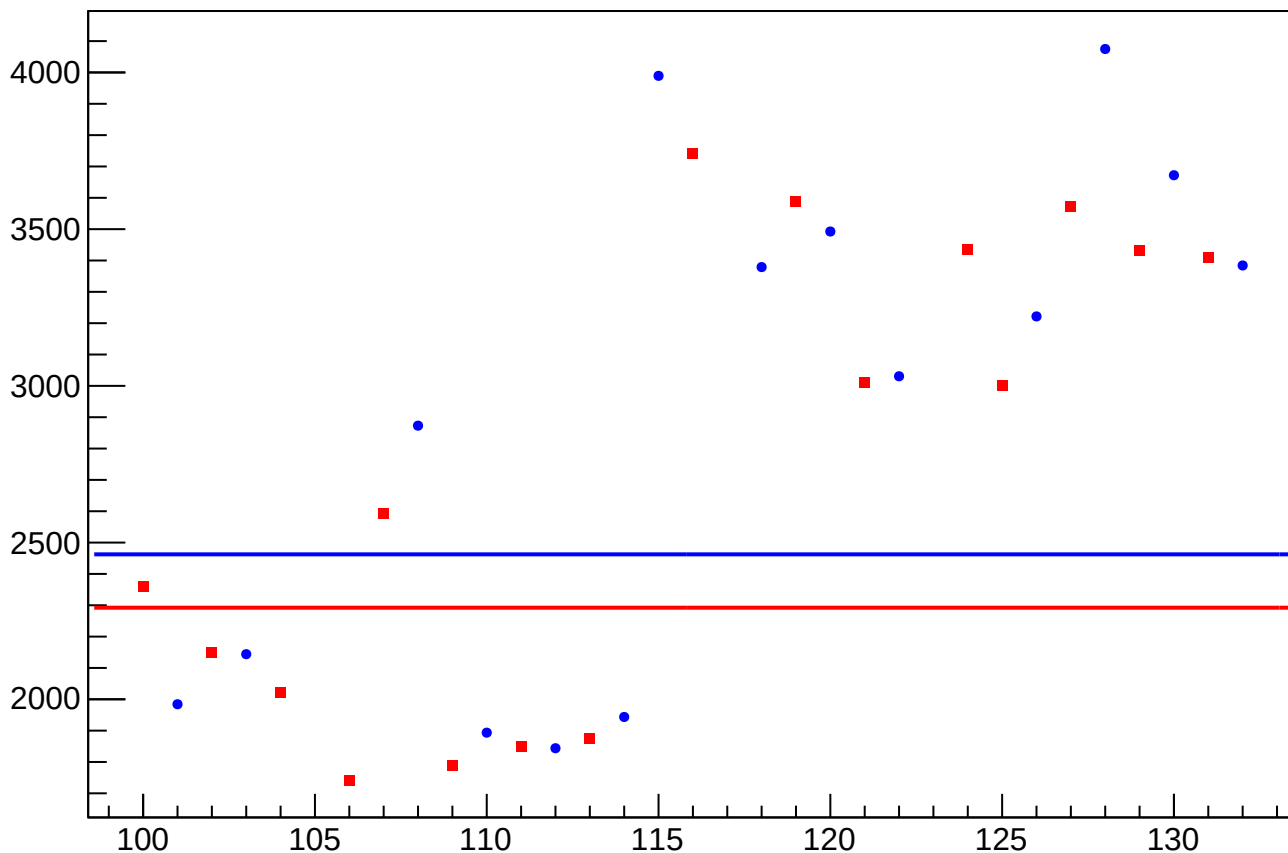
Right: 1585.948+/-707.707 χ^2/NDF : 28.1/29

In: 706.312+/-1053.828 χ^2/NDF : 14.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1585.948+/-707.707 χ^2/NDF : 28.1/29

asym_sam4_cor_correction_rms vs Slug, Sign Corrected



Right In: 2462.470+/-0.745 χ^2/NDF : 893208.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2292.233+/-0.675 χ^2/NDF : 905772.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

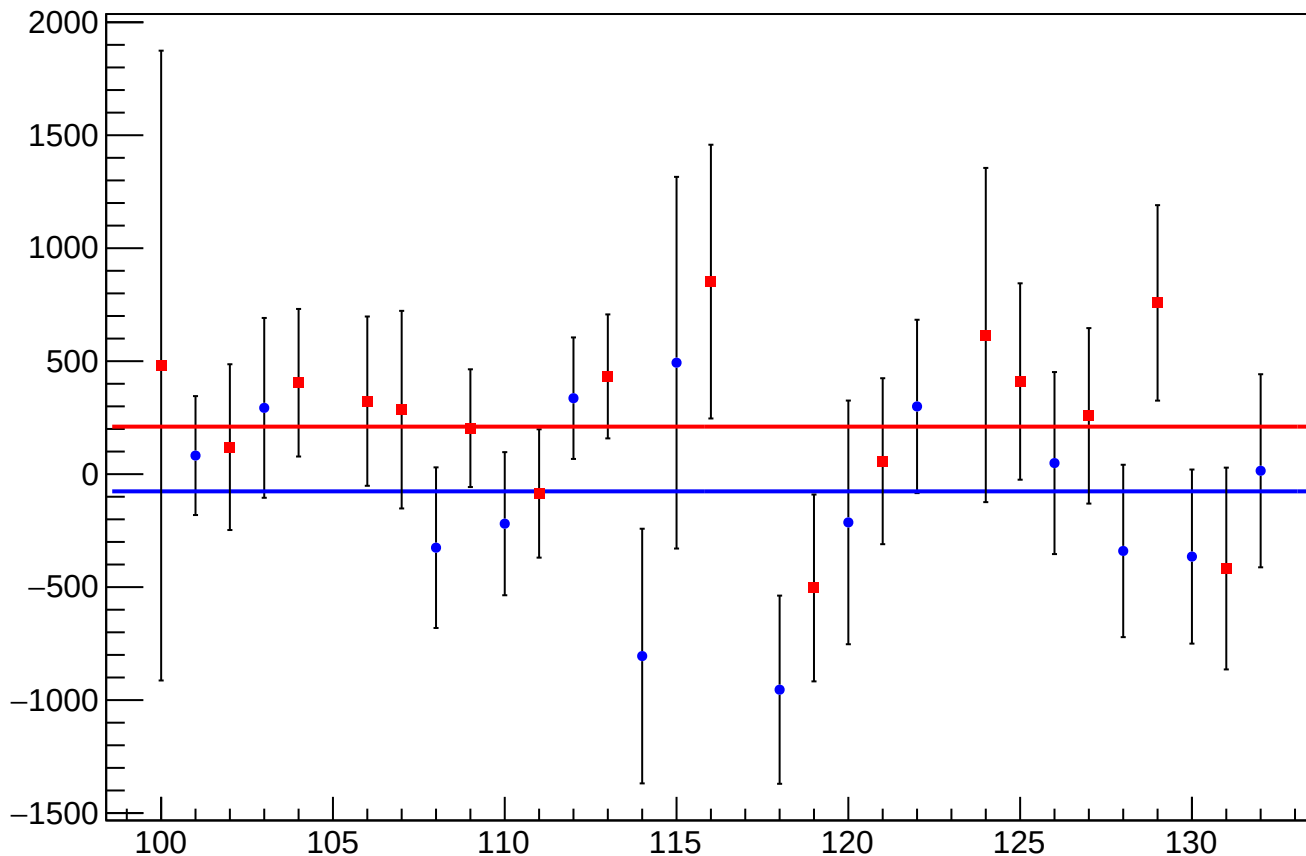
Right: 2369.009+/-0.500 χ^2/NDF : 1827634.4/29

In: 2462.470+/-0.745 χ^2/NDF : 893208.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2369.009+/-0.500 χ^2/NDF : 1827634.4/29

eigen_cor_asym_sam4_mean vs Slug, Sign Corrected



Right In: -76.138+/-100.838 χ^2/NDF : 13.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 210.302+/-95.264 χ^2/NDF : 10.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

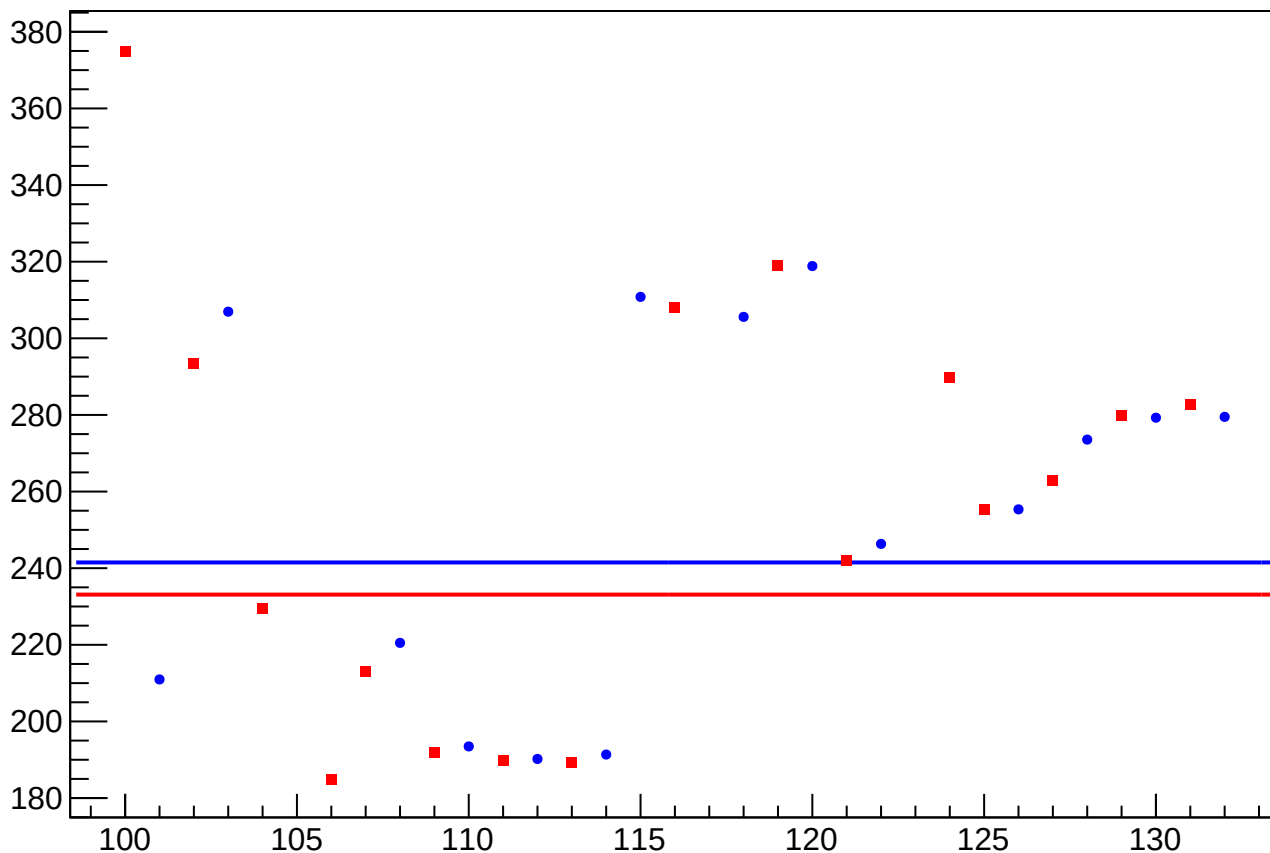
Right: 75.217+/-69.249 χ^2/NDF : 28.0/29

In: -76.138+/-100.838 χ^2/NDF : 13.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.217+/-69.249 χ^2/NDF : 28.0/29

eigen_cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 241.496+/-0.071 χ^2/NDF : 377189.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 233.105+/-0.067 χ^2/NDF : 455159.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

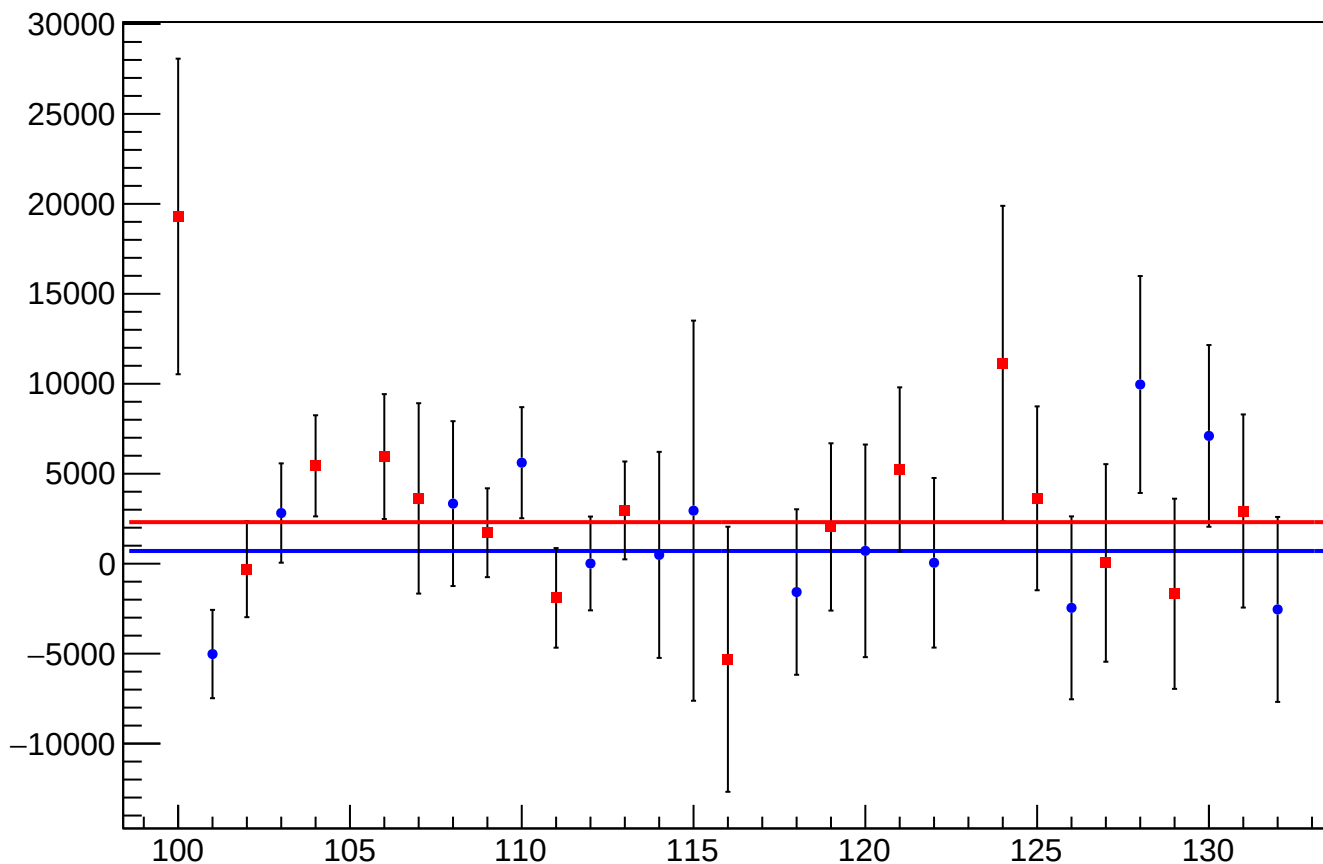
Right: 237.062+/-0.049 χ^2/NDF : 839666.9/29

In: 241.496+/-0.071 χ^2/NDF : 377189.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 237.062+/-0.049 χ^2/NDF : 839666.9/29

asym_sam4_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 706.312+/-1053.828 χ^2/NDF : 14.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2308.537+/-955.134 χ^2/NDF : 12.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

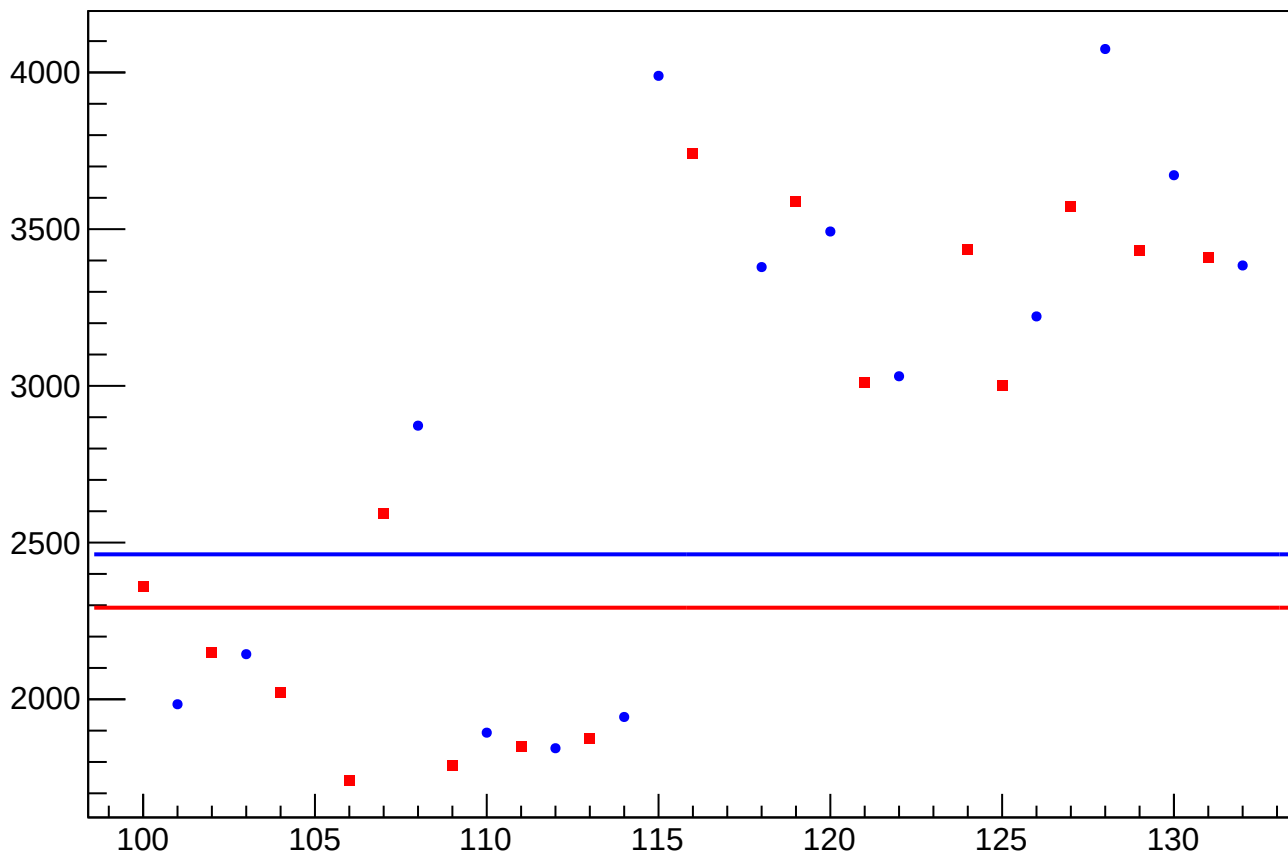
Right: 1585.948+/-707.707 χ^2/NDF : 28.1/29

In: 706.312+/-1053.828 χ^2/NDF : 14.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1585.948+/-707.707 χ^2/NDF : 28.1/29

asym_sam4_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2462.470+/-0.745 χ^2/NDF : 893208.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2292.233+/-0.675 χ^2/NDF : 905772.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

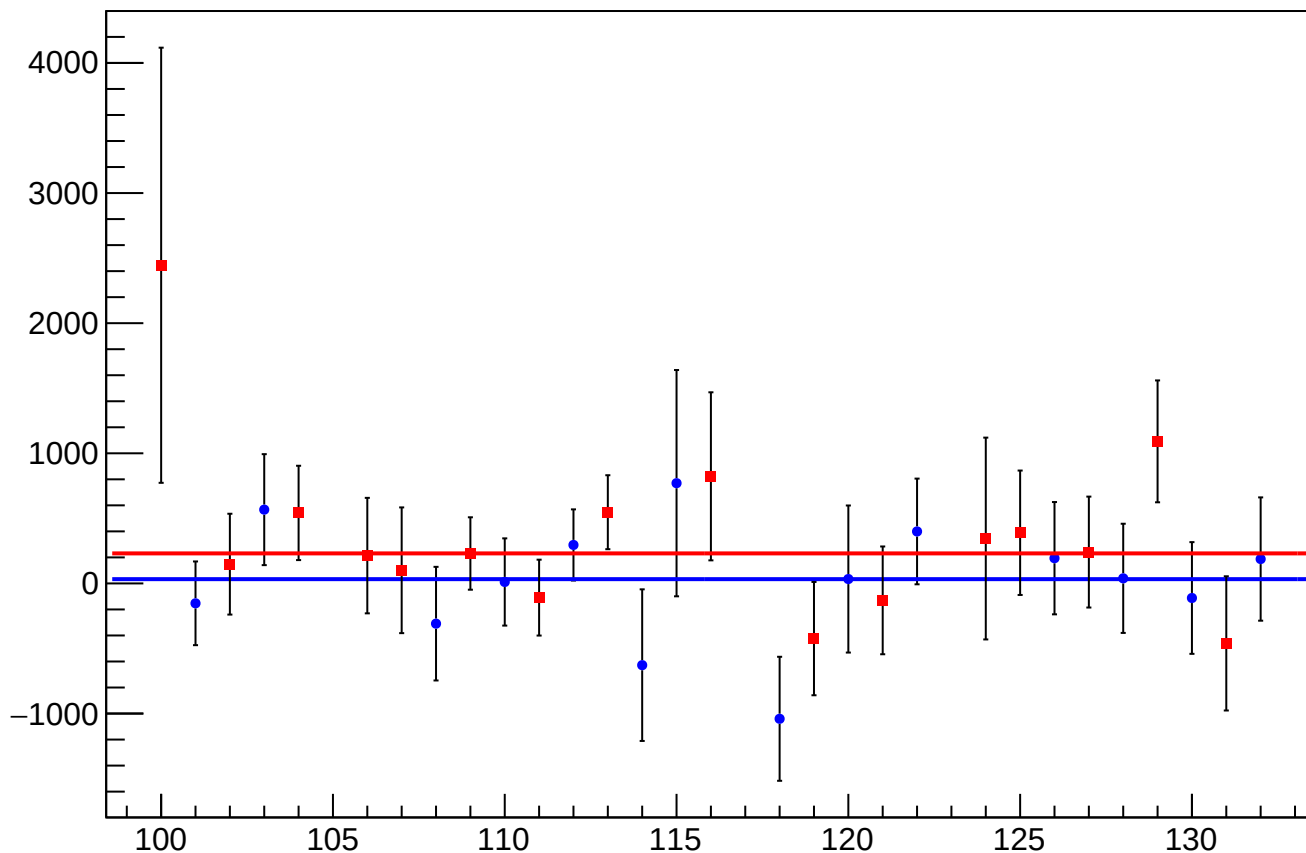
Right: 2369.009+/-0.500 χ^2/NDF : 1827634.4/29

In: 2462.470+/-0.745 χ^2/NDF : 893208.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2369.009+/-0.500 χ^2/NDF : 1827634.4/29

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 32.851 ± 110.779 χ^2/NDF : 11.7/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 230.770 ± 102.912 χ^2/NDF : 14.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

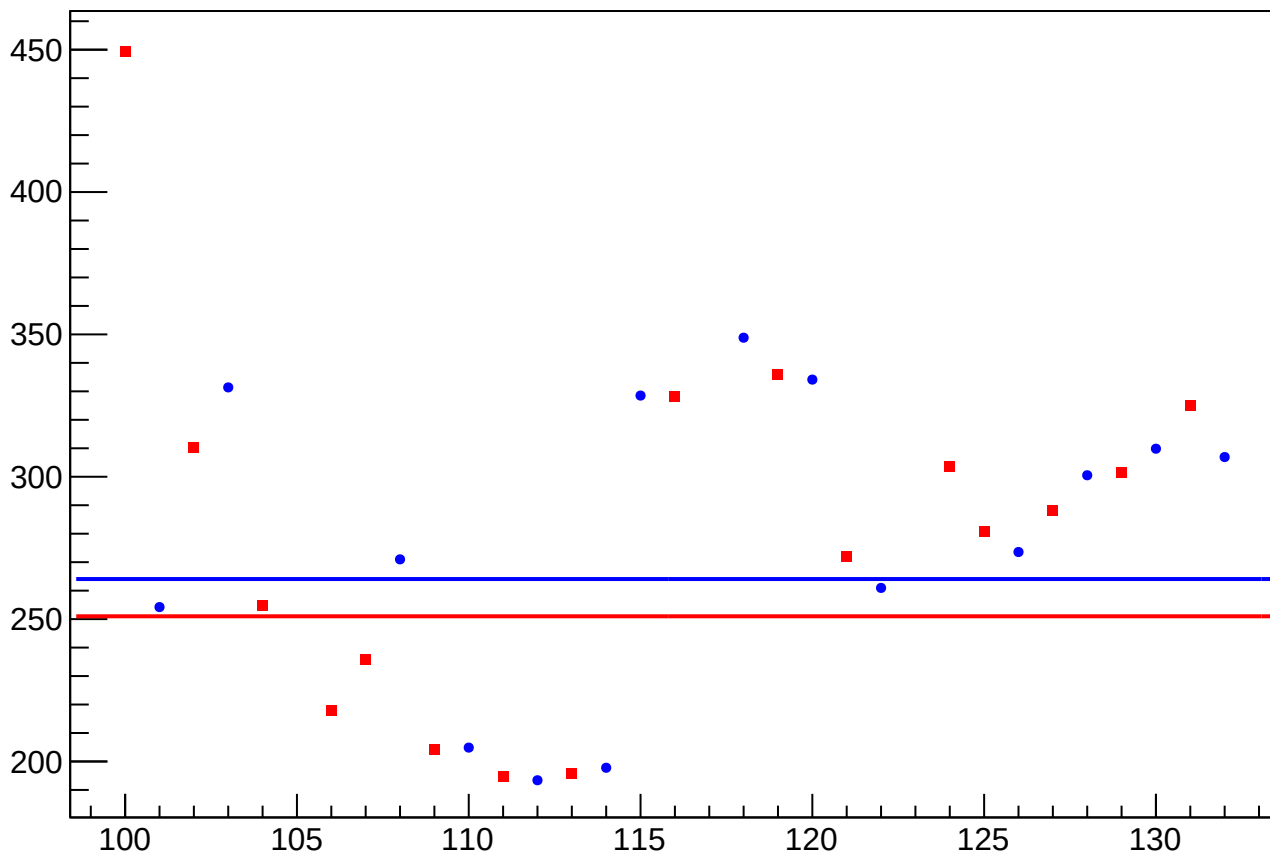
Right: 139.086 ± 75.398 χ^2/NDF : 27.8/29

In: 32.851 ± 110.779 χ^2/NDF : 11.7/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 139.086 ± 75.398 χ^2/NDF : 27.8/29

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 264.075+/-0.078 χ^2/NDF : 434384.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 250.990+/-0.073 χ^2/NDF : 501491.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

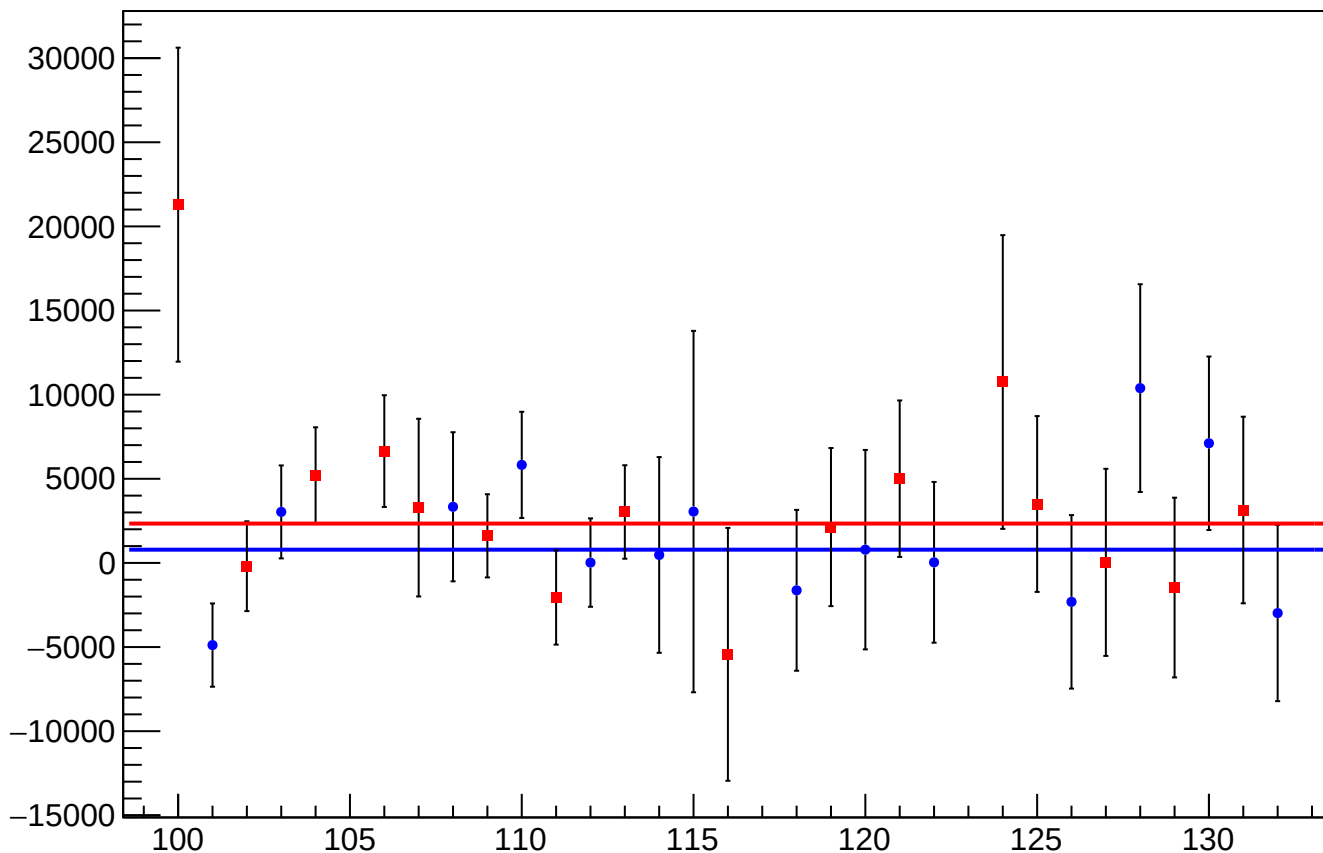
Right: 257.052+/-0.053 χ^2/NDF : 950853.5/29

In: 264.075+/-0.078 χ^2/NDF : 434384.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 257.052+/-0.053 χ^2/NDF : 950853.5/29

asym_sam4_dit_correction_mean vs Slug, Sign Corrected



Right In: 787.616+/-1064.236 χ^2/NDF : 14.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2339.082+/-961.535 χ^2/NDF : 13.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

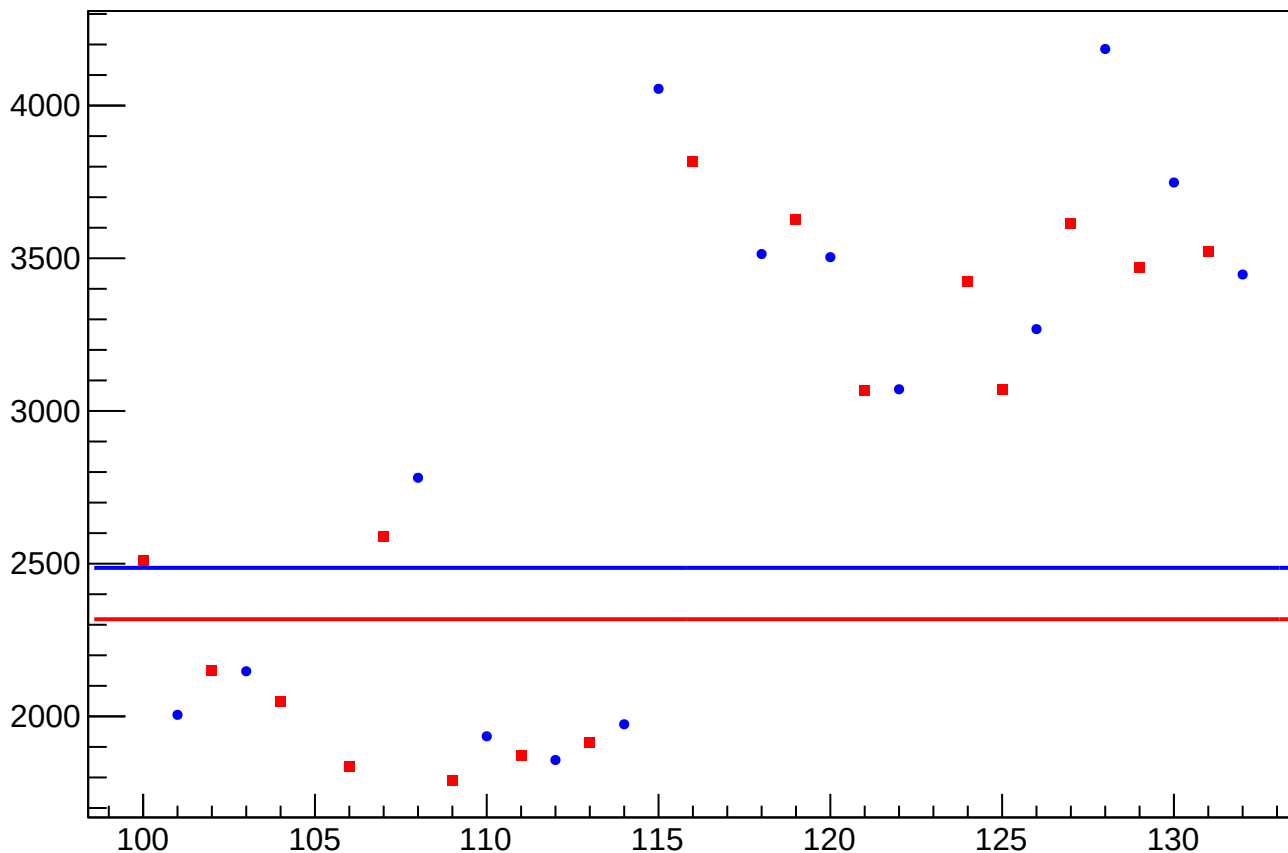
Right: 1641.803+/-713.461 χ^2/NDF : 28.6/29

In: 787.616+/-1064.236 χ^2/NDF : 14.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1641.803+/-713.461 χ^2/NDF : 28.6/29

asym_sam4_dit_correction_rms vs Slug, Sign Corrected



Right In: 2486.326+/-0.753 χ^2/NDF : 914444.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2318.085+/-0.680 χ^2/NDF : 913865.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

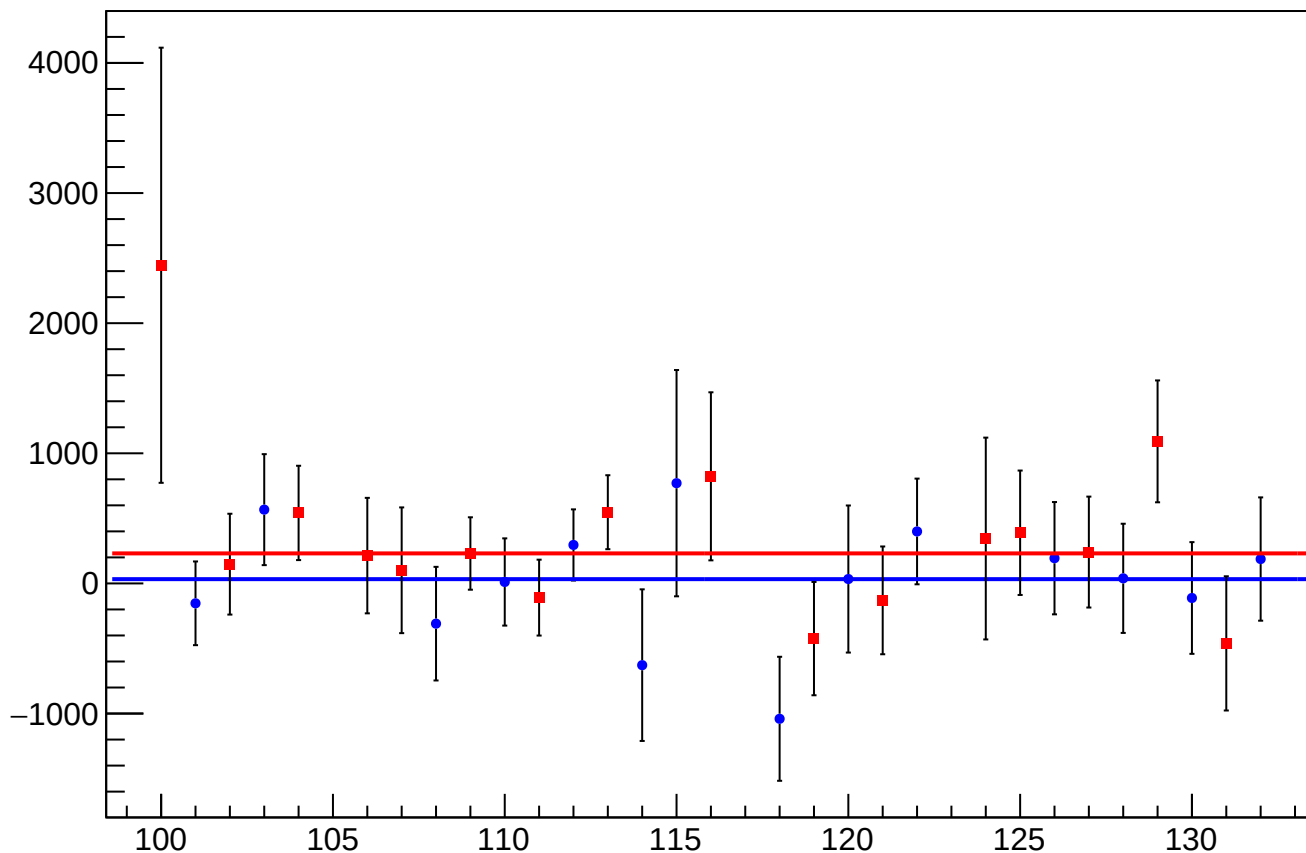
Right: 2393.698+/-0.504 χ^2/NDF : 1855828.5/29

In: 2486.326+/-0.753 χ^2/NDF :914444.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2393.698+/-0.504 χ^2/NDF : 1855828.5/29

eigen_dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 32.851+/-110.779 χ^2/NDF : 11.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 230.769+/-102.912 χ^2/NDF : 14.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

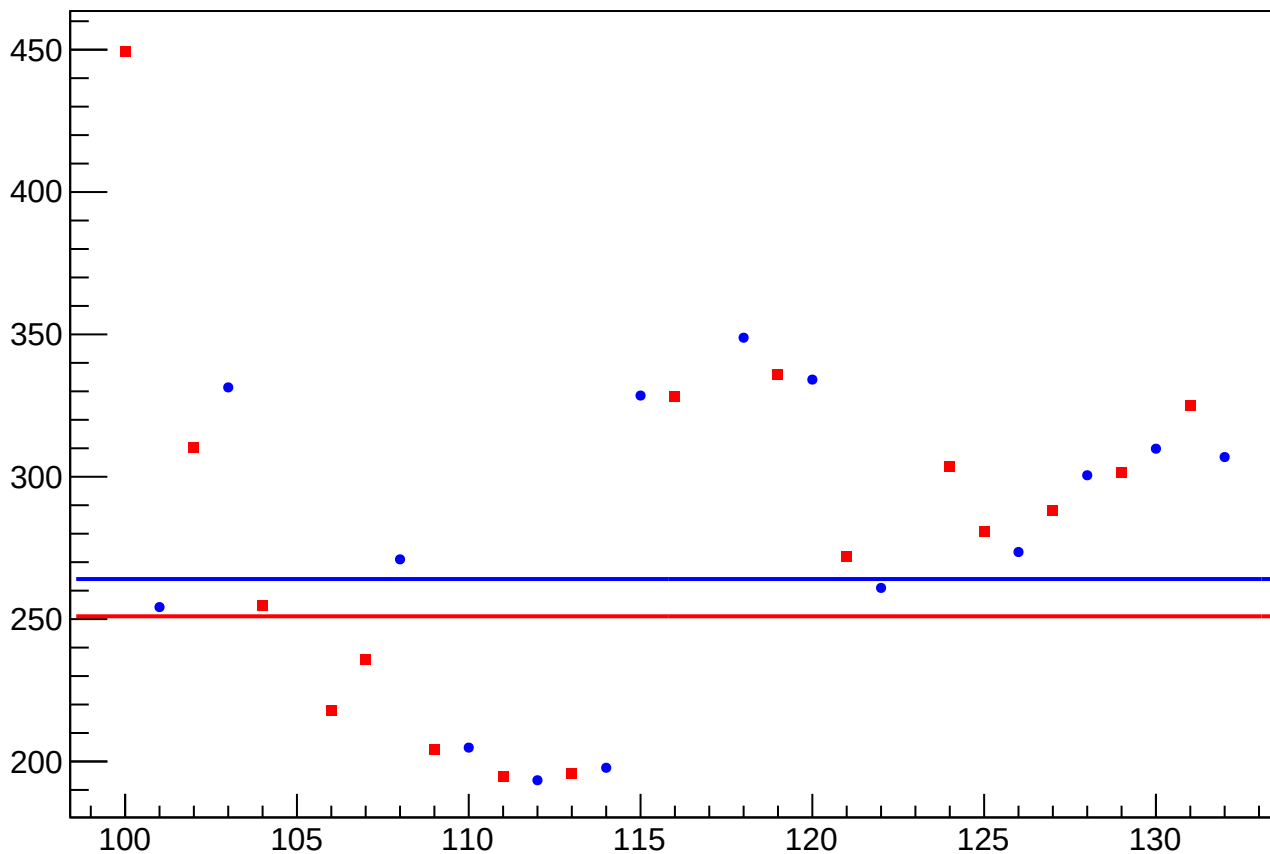
Right: 139.086+/-75.398 χ^2/NDF : 27.8/29

In: 32.851+/-110.779 χ^2/NDF : 11.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.086+/-75.398 χ^2/NDF : 27.8/29

eigen_dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 264.075+/-0.078 χ^2/NDF : 434388.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 250.990+/-0.073 χ^2/NDF : 501493.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

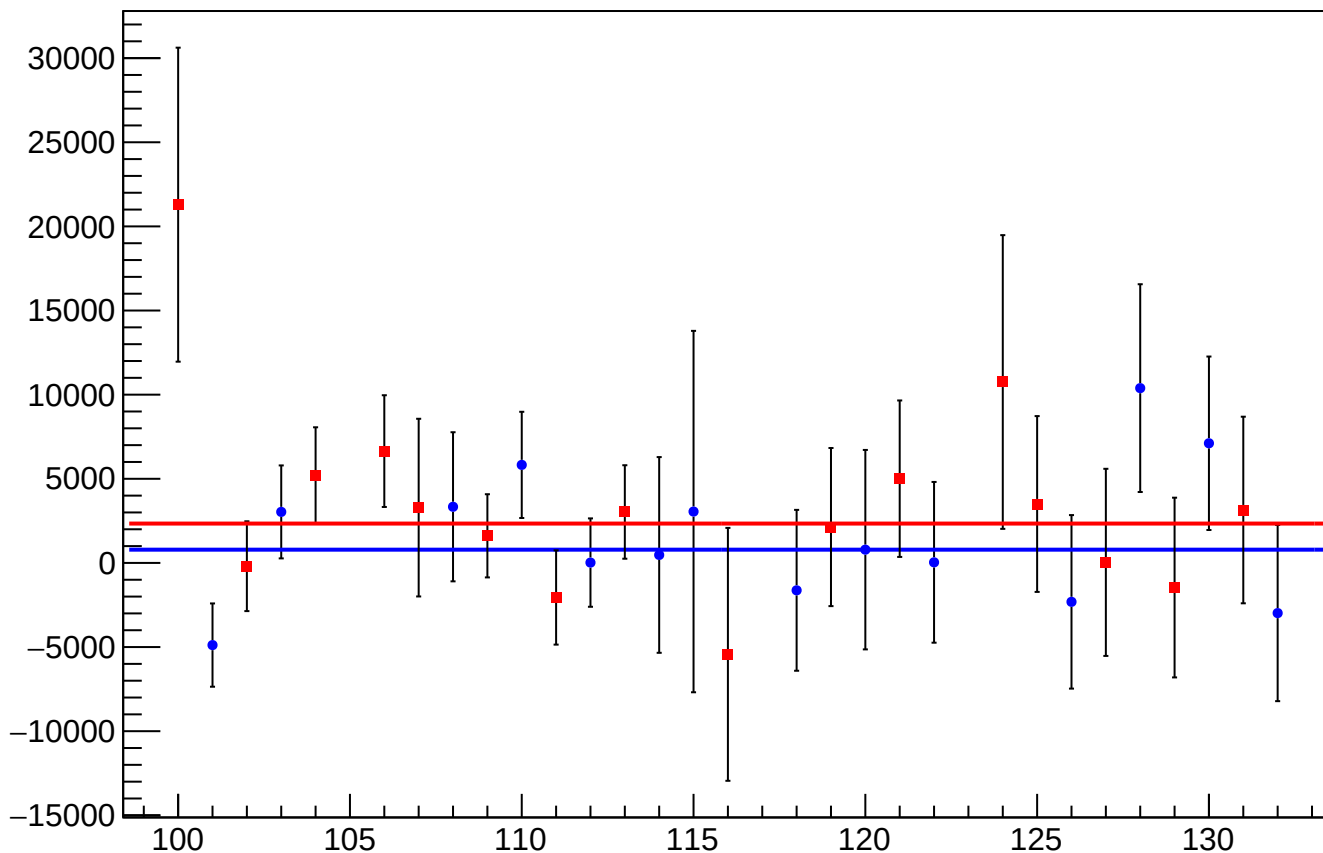
Right: 257.052+/-0.053 χ^2/NDF : 950859.7/29

In: 264.075+/-0.078 χ^2/NDF : 434388.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 257.052+/-0.053 χ^2/NDF : 950859.7/29

asym_sam4_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 787.616+/-1064.236 χ^2/NDF : 14.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2339.080+/-961.535 χ^2/NDF : 13.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

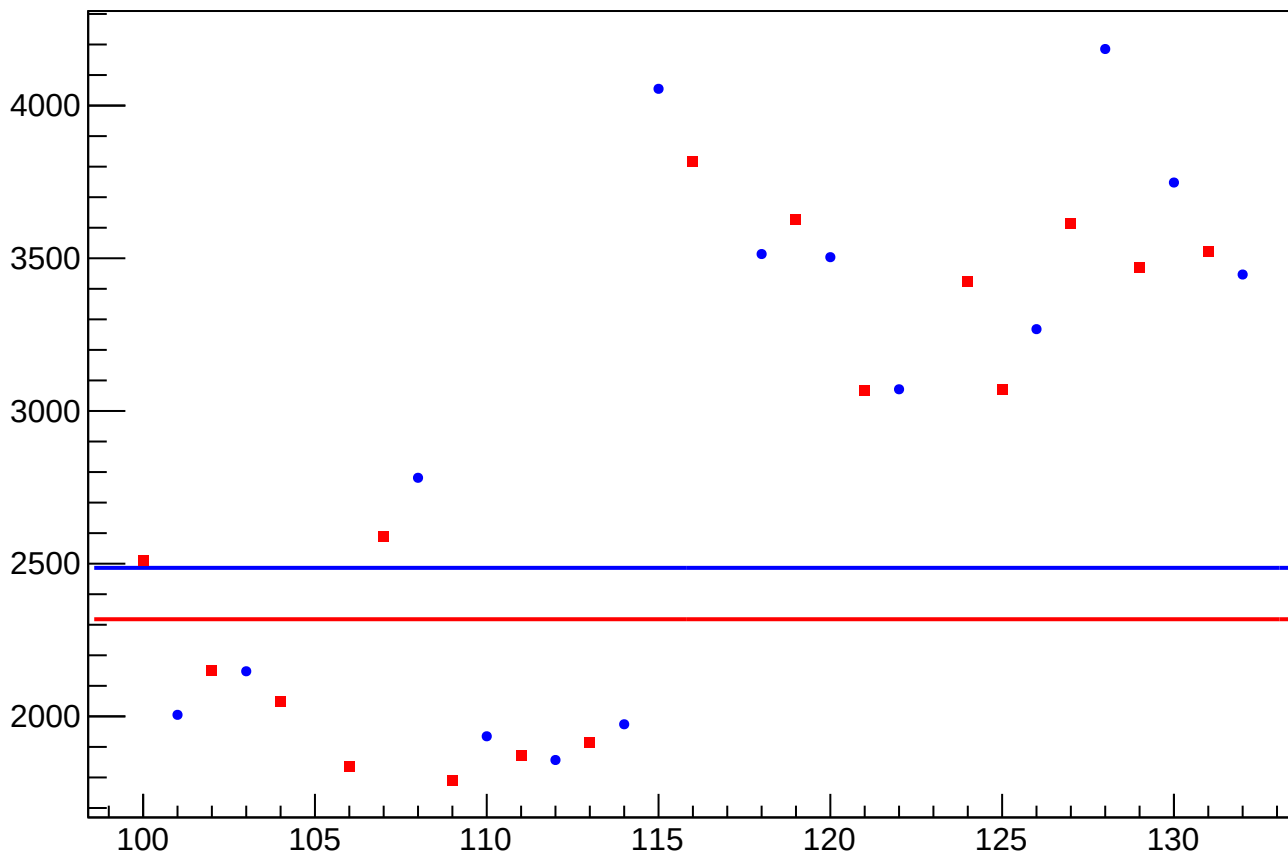
Right: 1641.802+/-713.461 χ^2/NDF : 28.6/29

In: 787.616+/-1064.236 χ^2/NDF : 14.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1641.802+/-713.461 χ^2/NDF : 28.6/29

asym_sam4_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2486.325+/-0.753 χ^2/NDF : 914447.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2318.083+/-0.680 χ^2/NDF : 913868.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

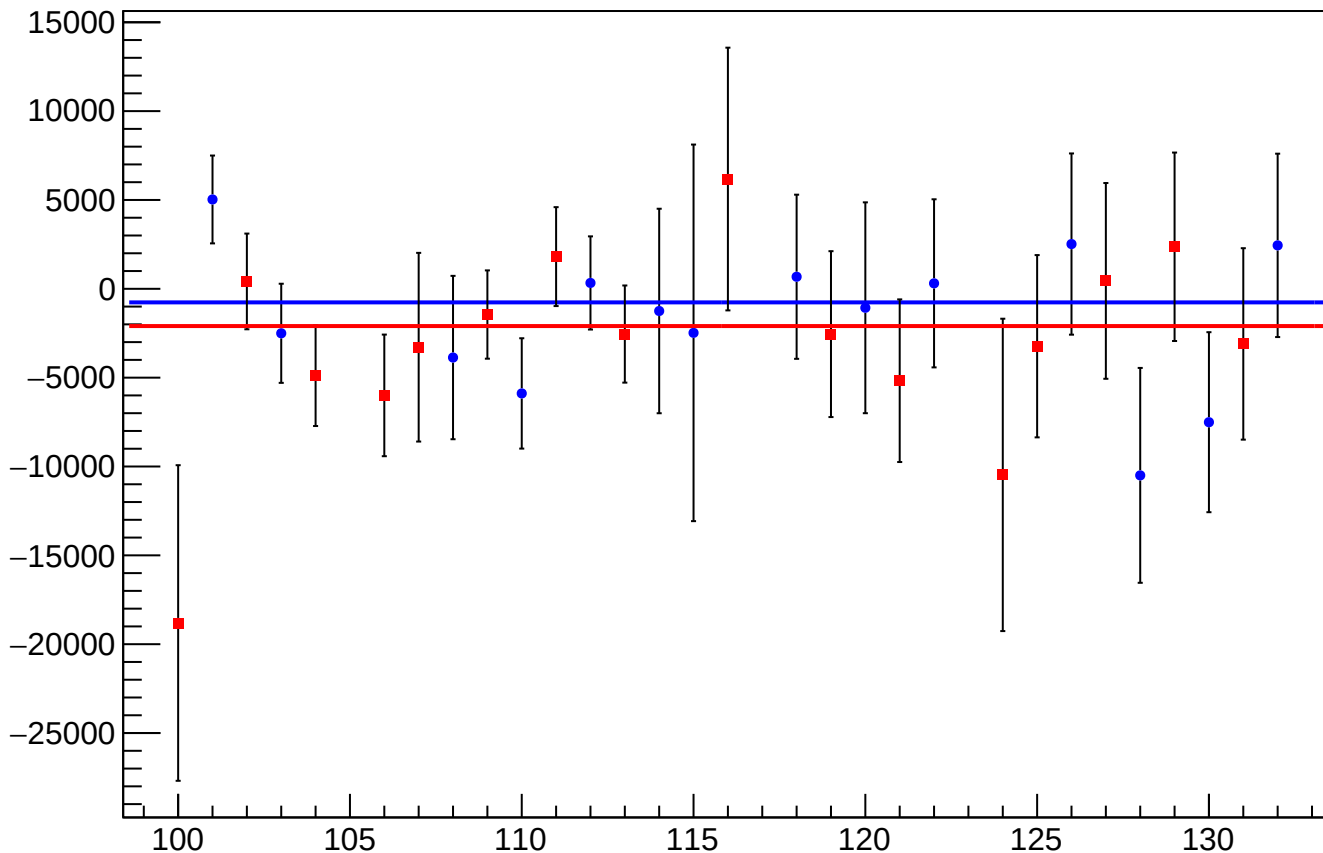
Right: 2393.697+/-0.504 χ^2/NDF : 1855834.6/29

In: 2486.325+/-0.753 χ^2/NDF : 914447.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2393.697+/-0.504 χ^2/NDF : 1855834.6/29

asym_sam4_mean vs Slug, Sign Corrected



Right In: -764.045+/-1059.866 χ^2/NDF : 14.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2096.472+/-959.223 χ^2/NDF : 12.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

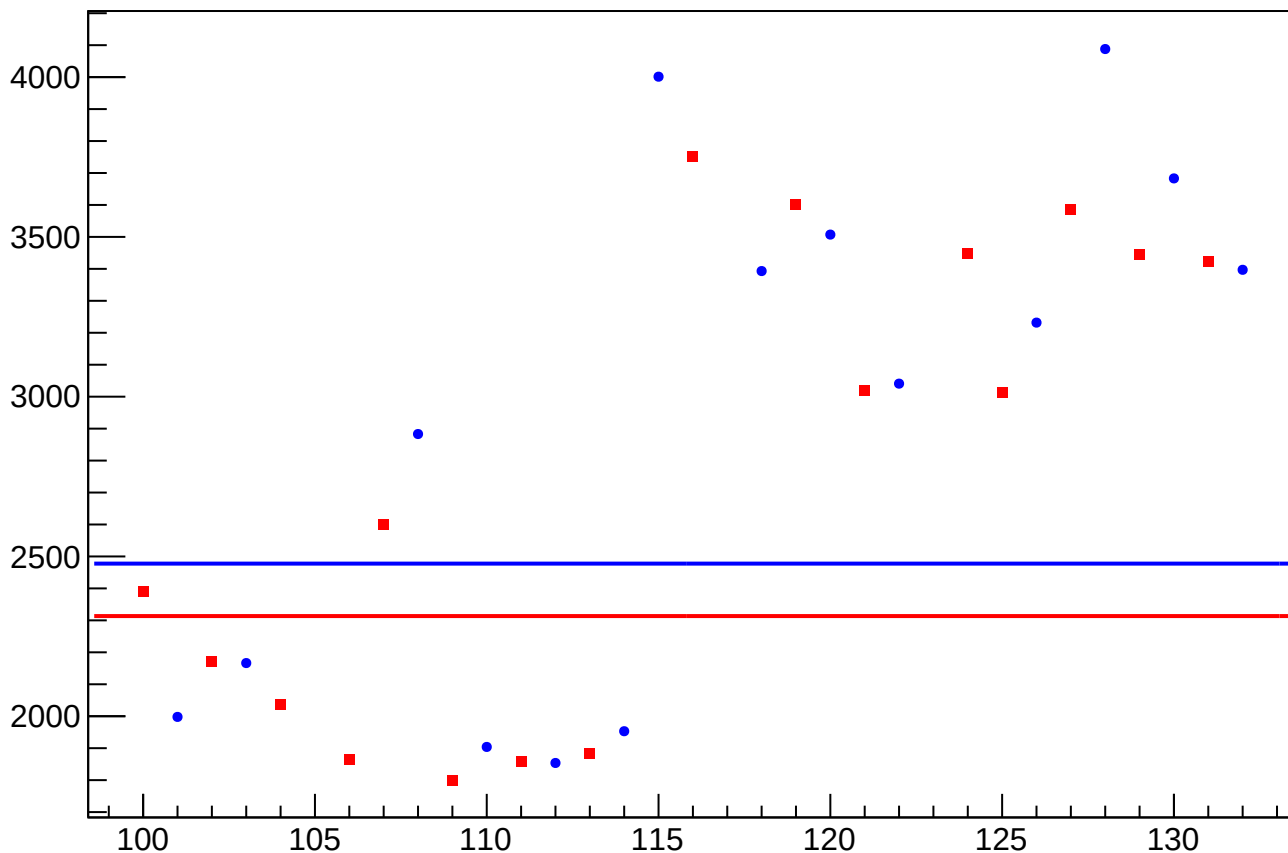
Right: -1496.510+/-711.199 χ^2/NDF : 27.9/29

In: -764.045+/-1059.866 χ^2/NDF : 14.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1496.510+/-711.199 χ^2/NDF : 27.9/29

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2477.587+/-0.749 χ^2/NDF : 884883.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2313.418+/-0.678 χ^2/NDF : 881913.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

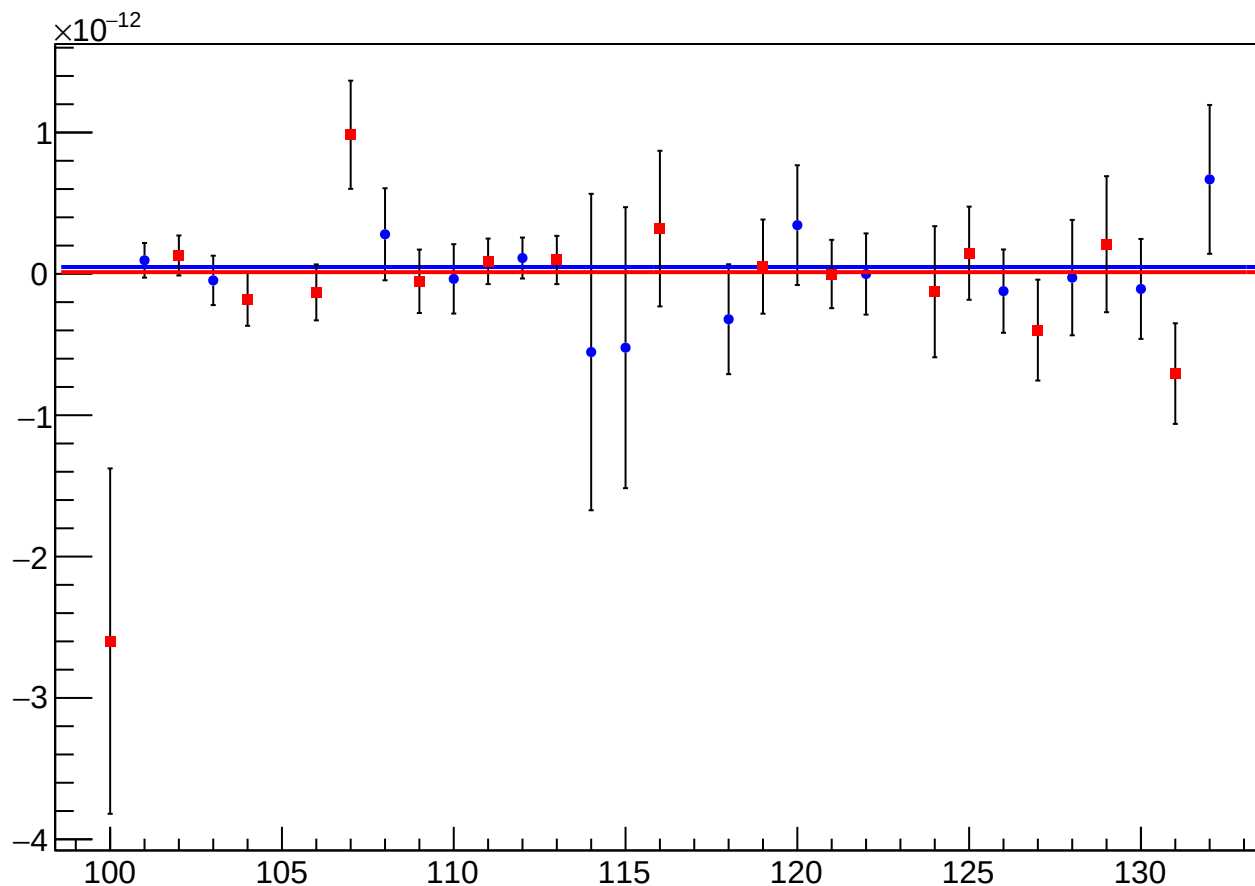
Right: 2387.339+/-0.503 χ^2/NDF : 1793175.5/29

In: 2477.587+/-0.749 χ^2/NDF : 884883.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2387.339+/-0.503 χ^2/NDF : 1793175.5/29

asym_sam4_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 20.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

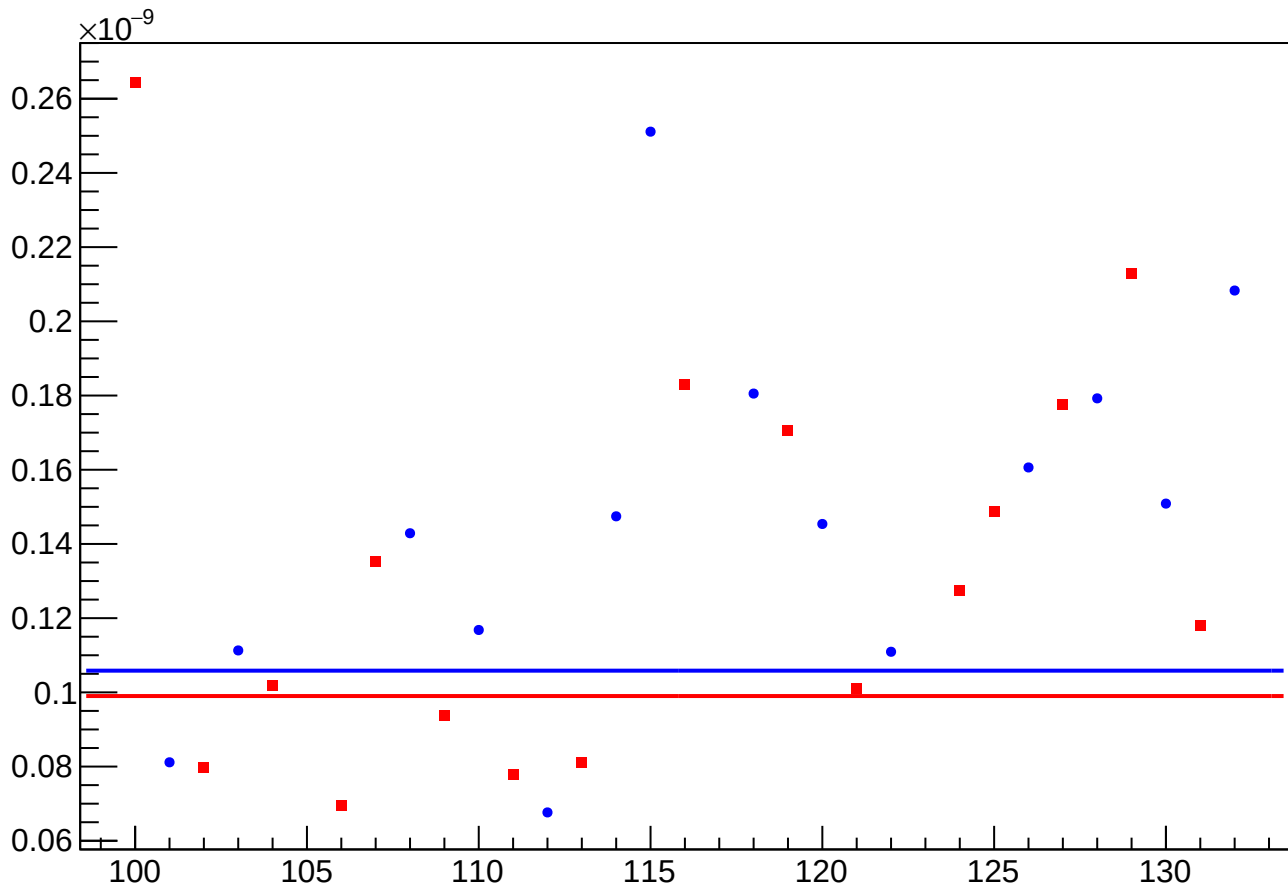
Right: 0.000+/-0.000 χ^2/NDF : 25.4/29

In: 0.000+/-0.000 χ^2/NDF : 5.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.4/29

asym_sam4_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 631711.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 600344.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

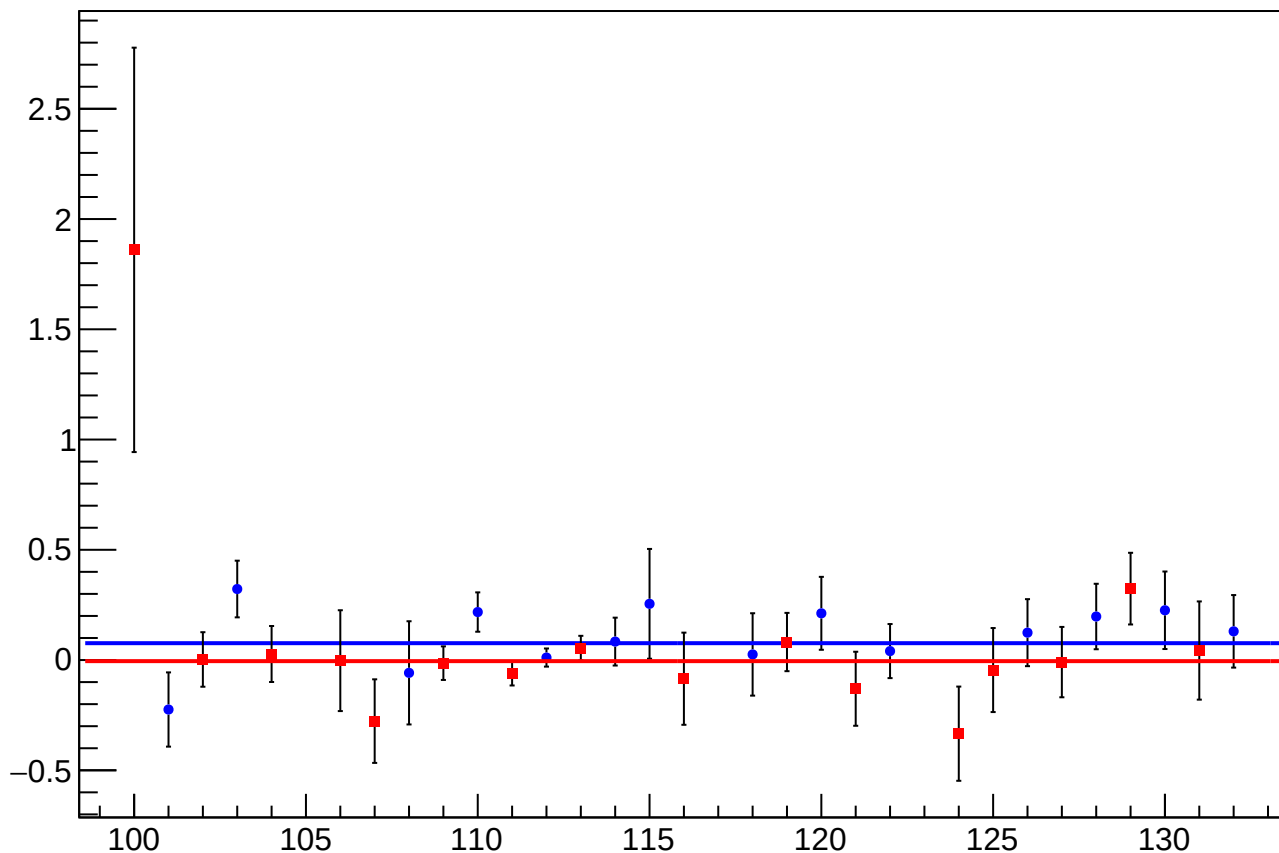
Right: 0.000+/-0.000 χ^2/NDF : 1243587.8/29

In: 0.000+/-0.000 χ^2/NDF : 631711.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1243587.8/29

asym_sam4_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.076+/-0.029 χ^2/NDF : 15.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.005+/-0.028 χ^2/NDF : 16.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

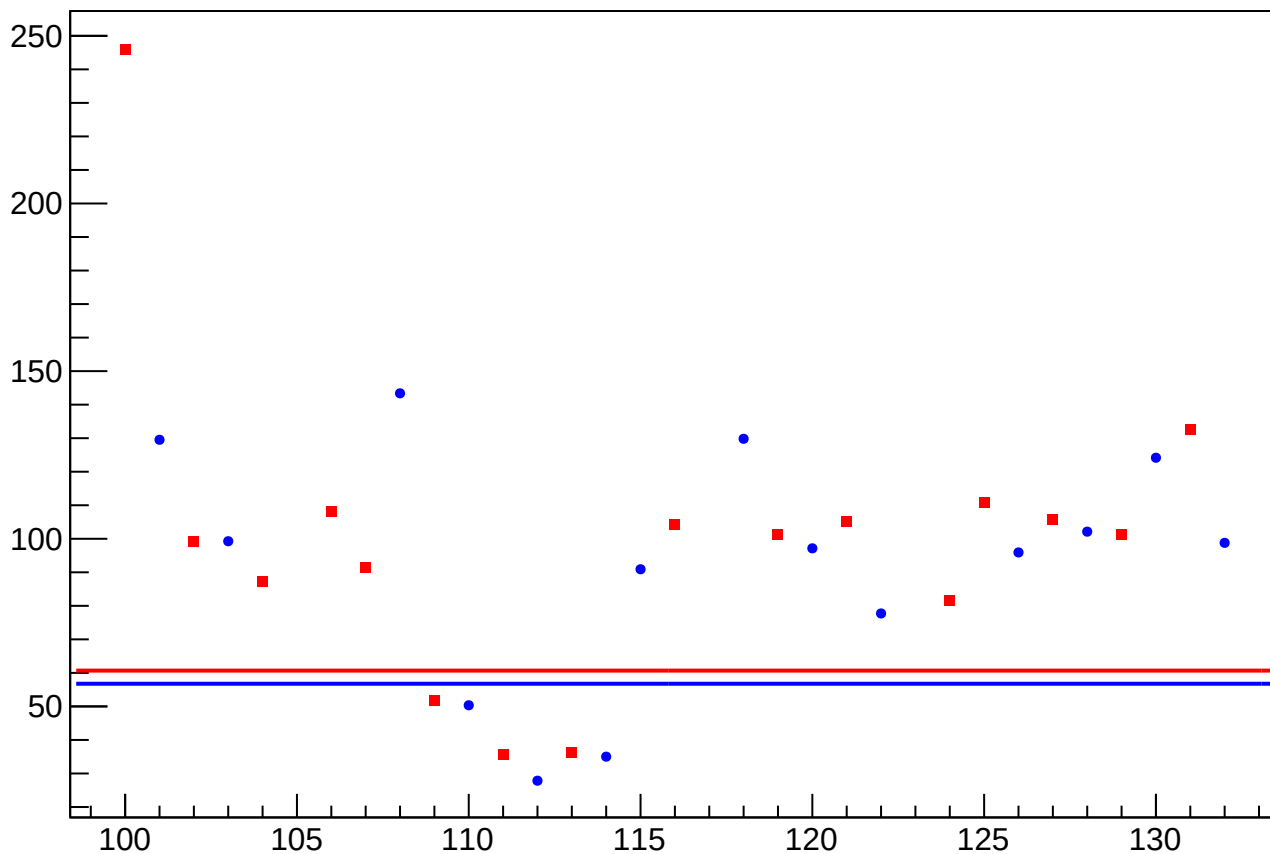
Right: 0.035+/-0.020 χ^2/NDF : 35.3/29

In: 0.076+/-0.029 χ^2/NDF : 15.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.035+/-0.020 χ^2/NDF : 35.3/29

asym_sam4_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.763+/-0.020 χ^2/NDF : 3210039.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.686+/-0.020 χ^2/NDF : 2395409.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

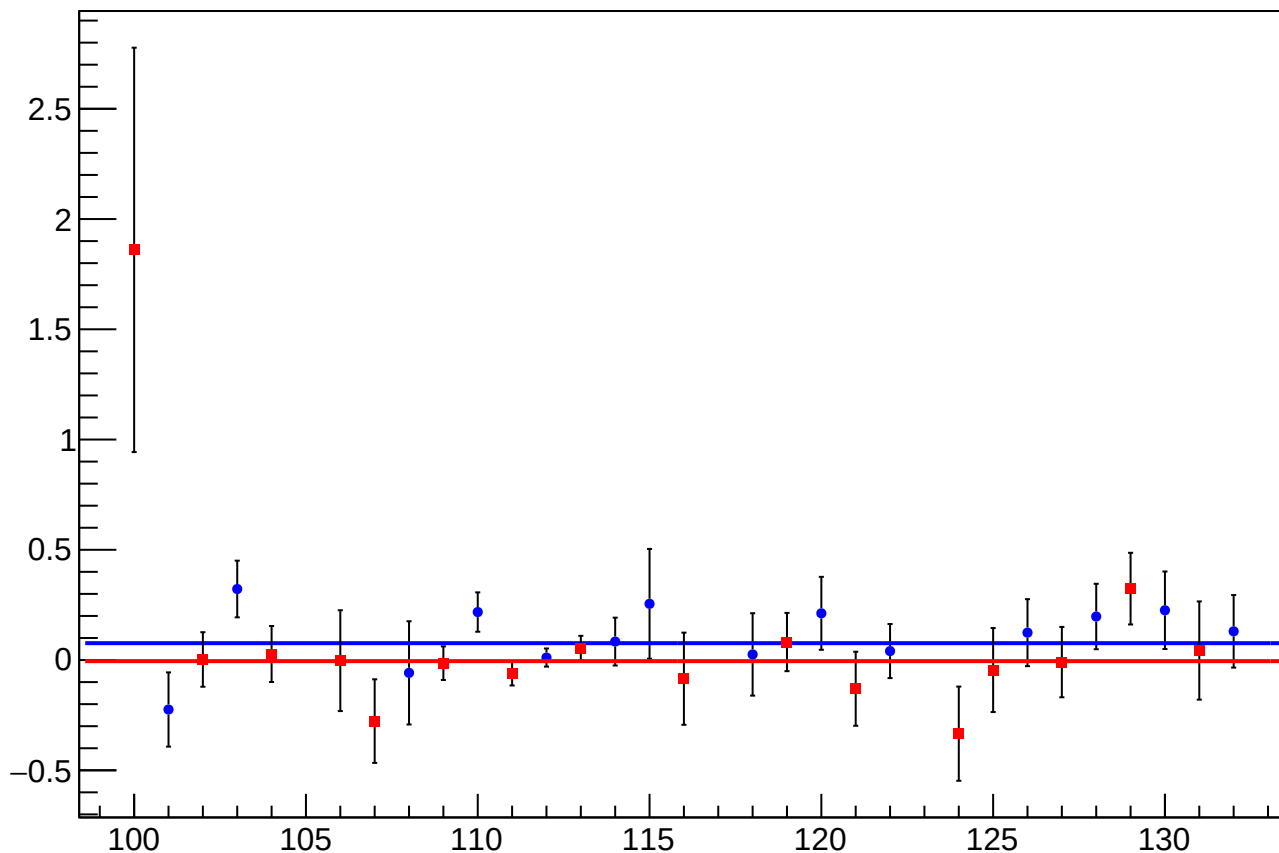
Right: 58.756+/-0.014 χ^2/NDF : 5624541.5/29

In: 56.763+/-0.020 χ^2/NDF : 3210039.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.756+/-0.014 χ^2/NDF : 5624541.5/29

asym_sam4_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.076+/-0.029 χ^2/NDF : 15.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.005+/-0.028 χ^2/NDF : 16.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

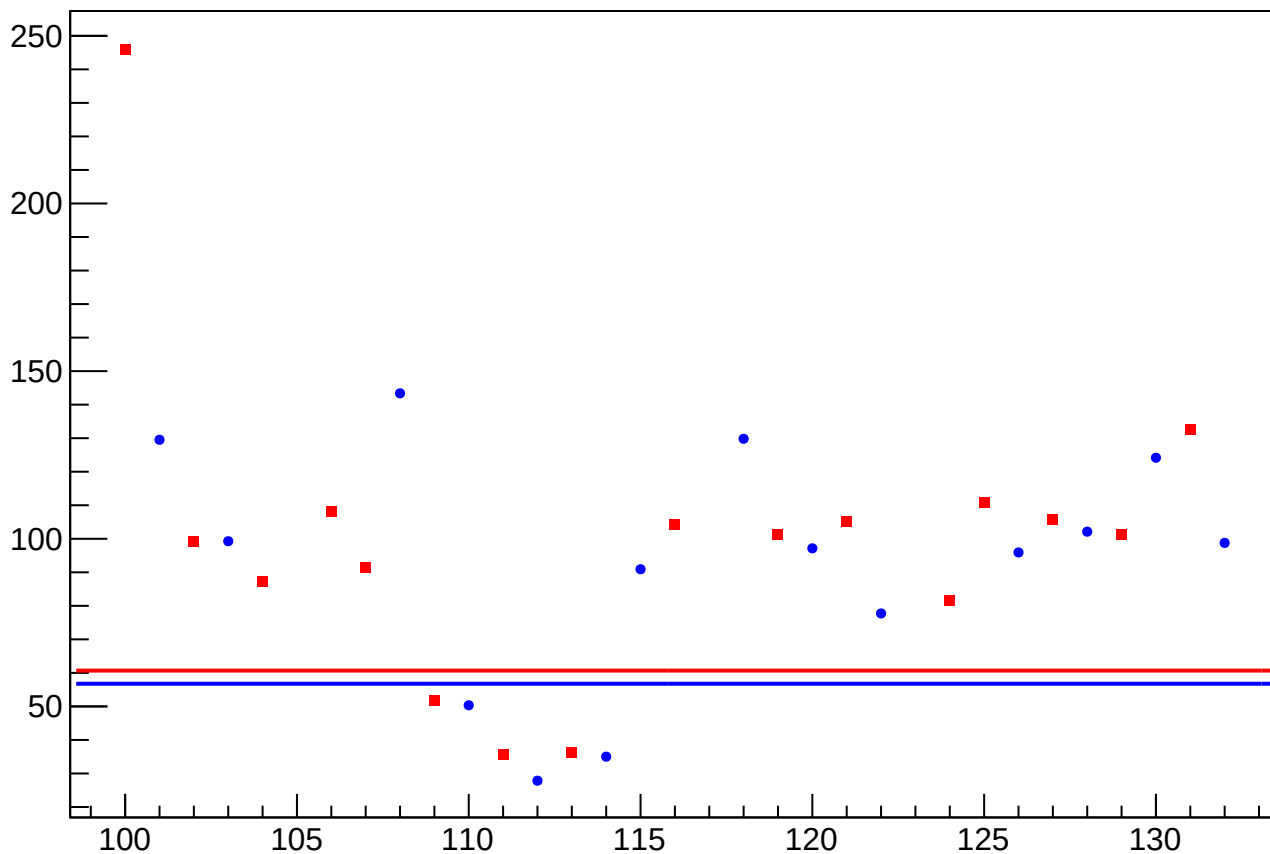
Right: 0.035+/-0.020 χ^2/NDF : 35.3/29

In: 0.076+/-0.029 χ^2/NDF : 15.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.035+/-0.020 χ^2/NDF : 35.3/29

asym_sam4_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.763+/-0.020 χ^2/NDF : 3210039.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.686+/-0.020 χ^2/NDF : 2395409.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

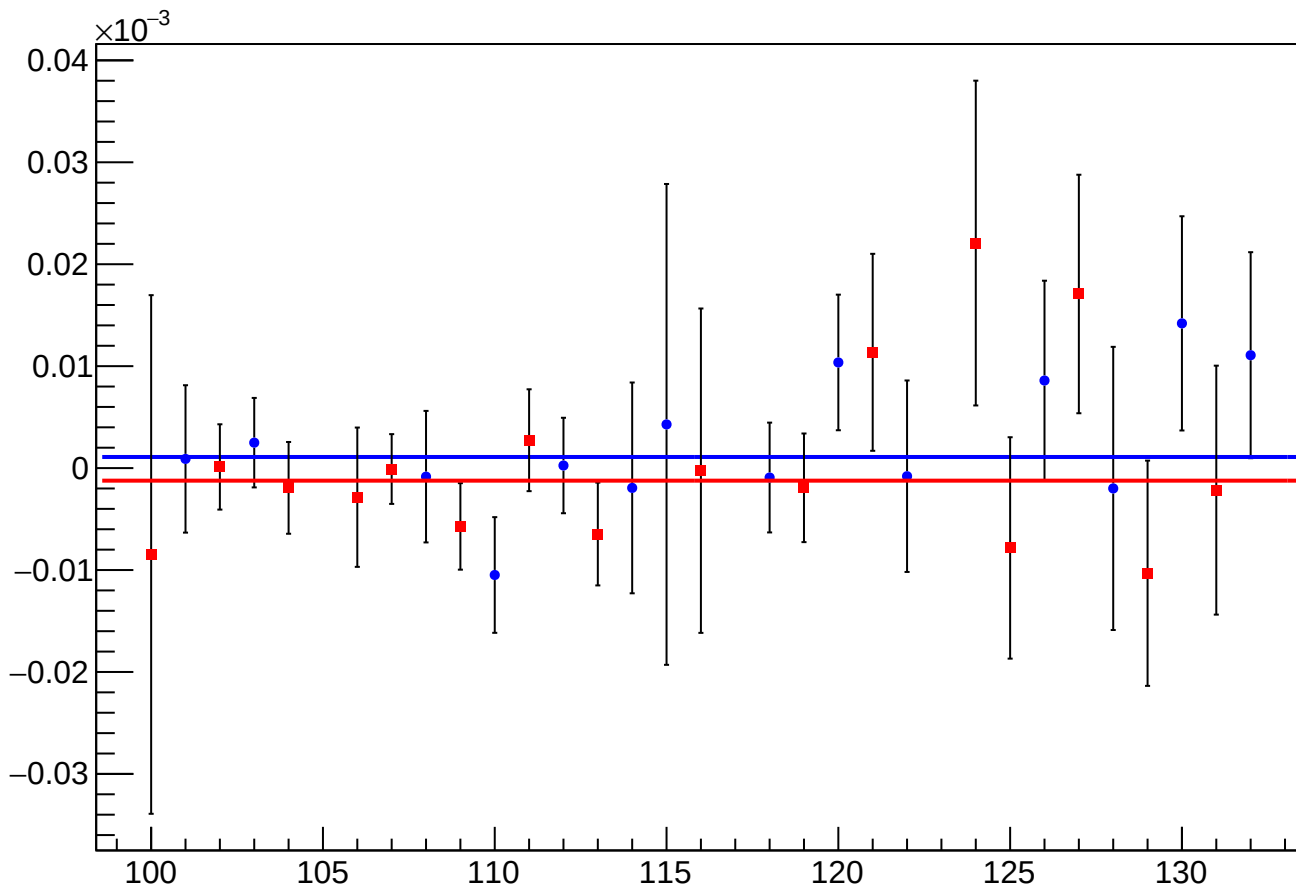
Right: 58.756+/-0.014 χ^2/NDF : 5624541.5/29

In: 56.763+/-0.020 χ^2/NDF : 3210039.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.756+/-0.014 χ^2/NDF : 5624541.5/29

asym_sam4_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

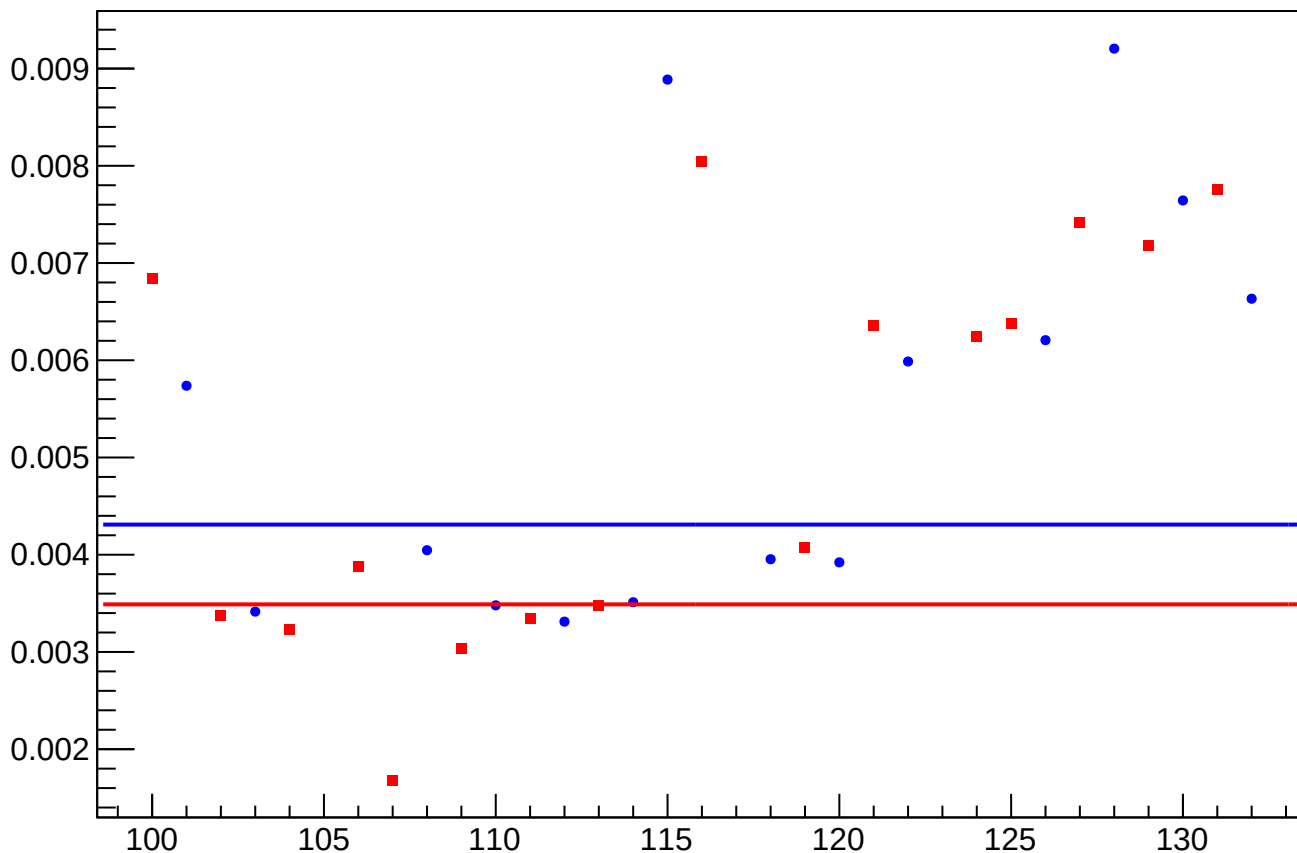
Right: -0.000+/-0.000 χ^2/NDF : 21.3/29

In: 0.000+/-0.000 χ^2/NDF : 9.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.3/29

asym_sam4_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 1095316.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1893103.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

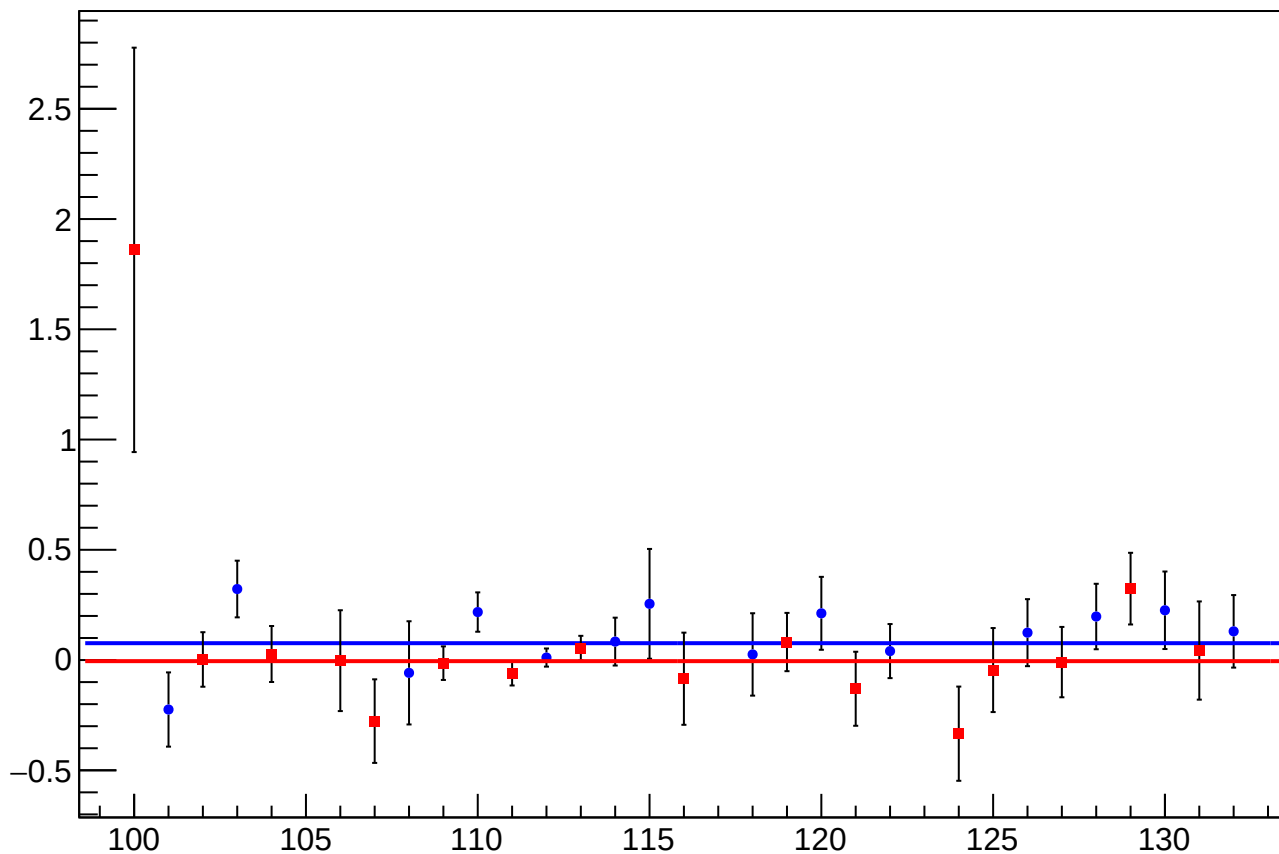
Right: 0.004+/-0.000 χ^2/NDF : 3220558.4/29

In: 0.004+/-0.000 χ^2/NDF : 1095316.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 3220558.4/29

asym_sam4_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.076+/-0.029 χ^2/NDF : 15.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.005+/-0.028 χ^2/NDF : 16.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

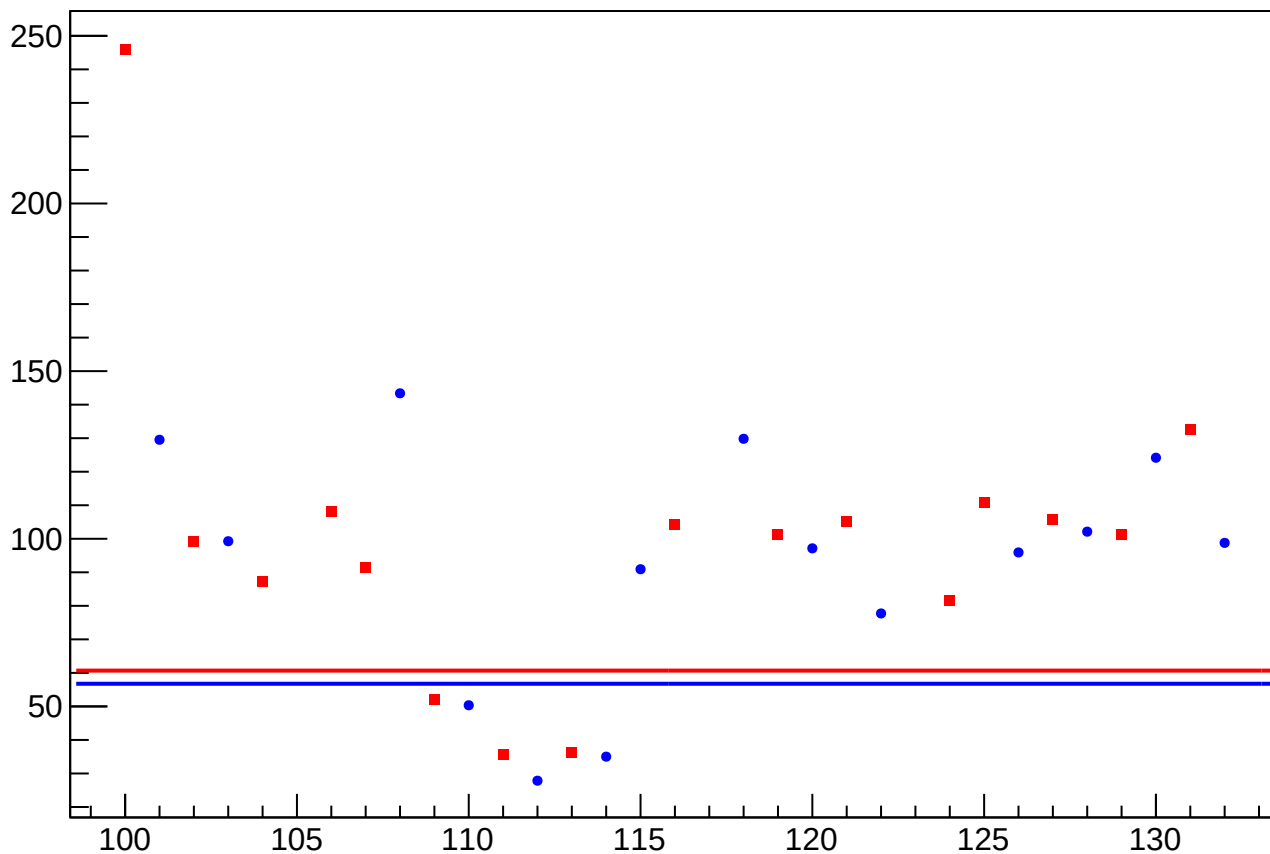
Right: 0.035+/-0.020 χ^2/NDF : 35.3/29

In: 0.076+/-0.029 χ^2/NDF : 15.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.035+/-0.020 χ^2/NDF : 35.3/29

asym_sam4_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.761+/-0.020 χ^2/NDF : 3210244.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.684+/-0.020 χ^2/NDF : 2395621.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

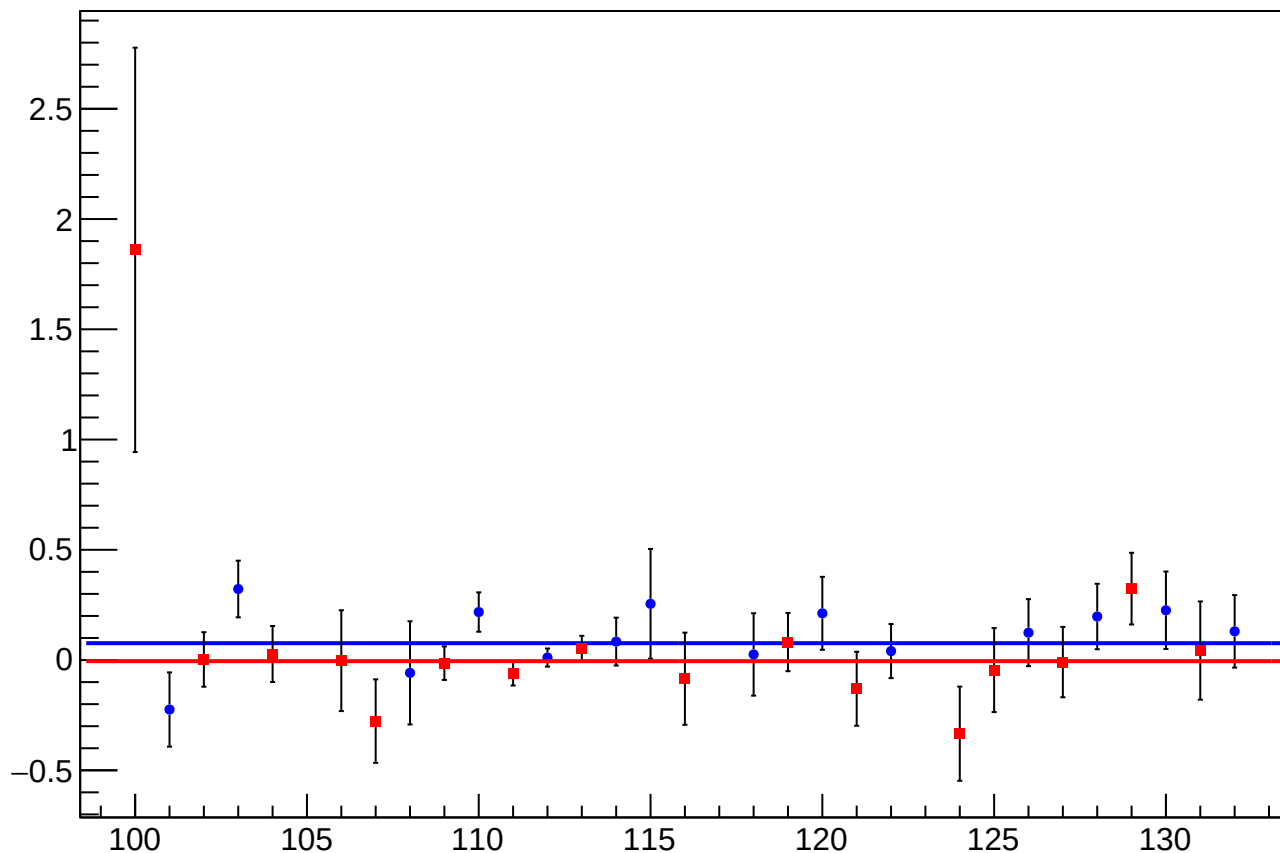
Right: 58.754+/-0.014 χ^2/NDF : 5624962.0/29

In: 56.761+/-0.020 χ^2/NDF : 3210244.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.754+/-0.014 χ^2/NDF : 5624962.0/29

asym_sam4_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.076 $\pm$ 0.029 χ^2 /NDF: 15.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.005 $\pm$ 0.028 χ^2 /NDF: 16.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

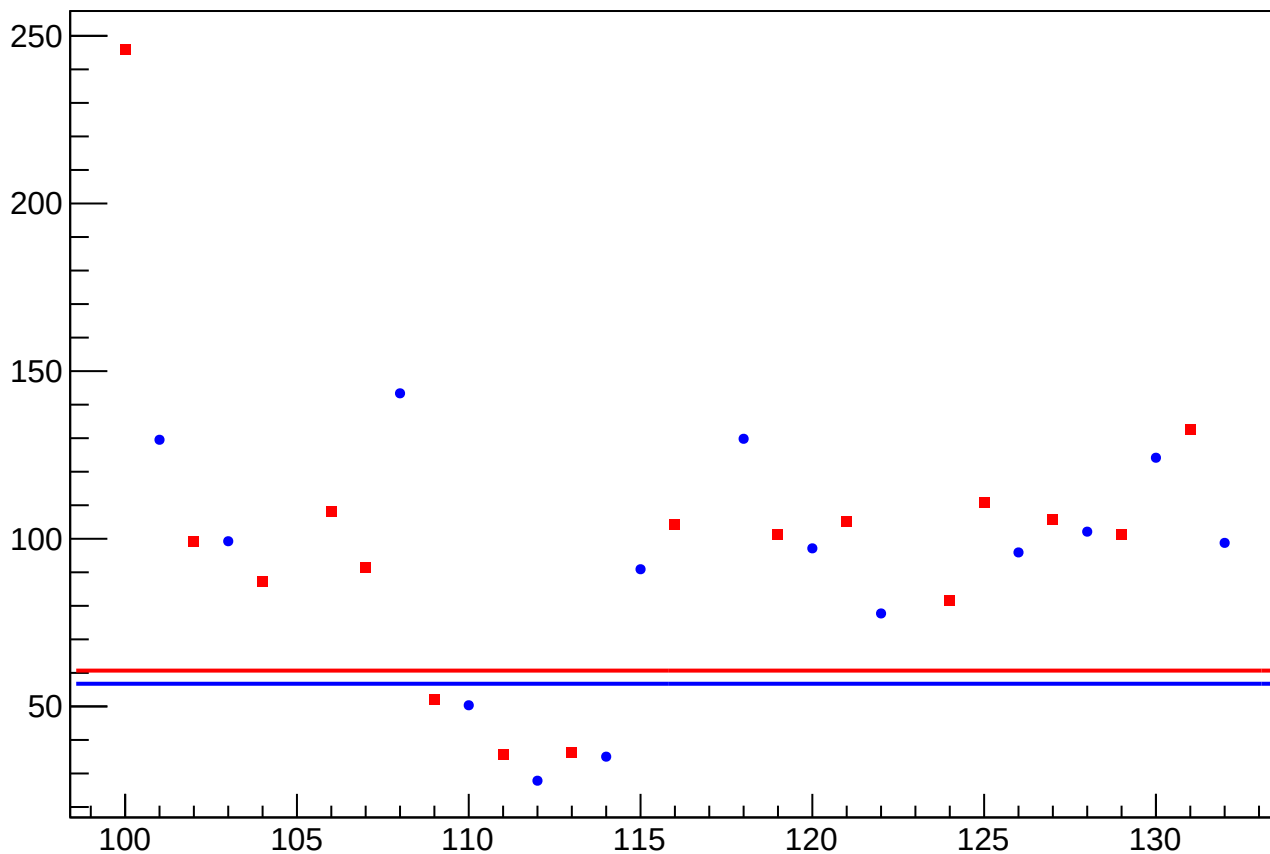
Right: 0.035 $\pm$ 0.020 χ^2 /NDF: 35.3/29

In: 0.076 $\pm$ 0.029 χ^2 /NDF:15.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.035 $\pm$ 0.020 χ^2 /NDF: 35.3/29

asym_sam4_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.761+/-0.020 χ^2/NDF : 3210244.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.684+/-0.020 χ^2/NDF : 2395621.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

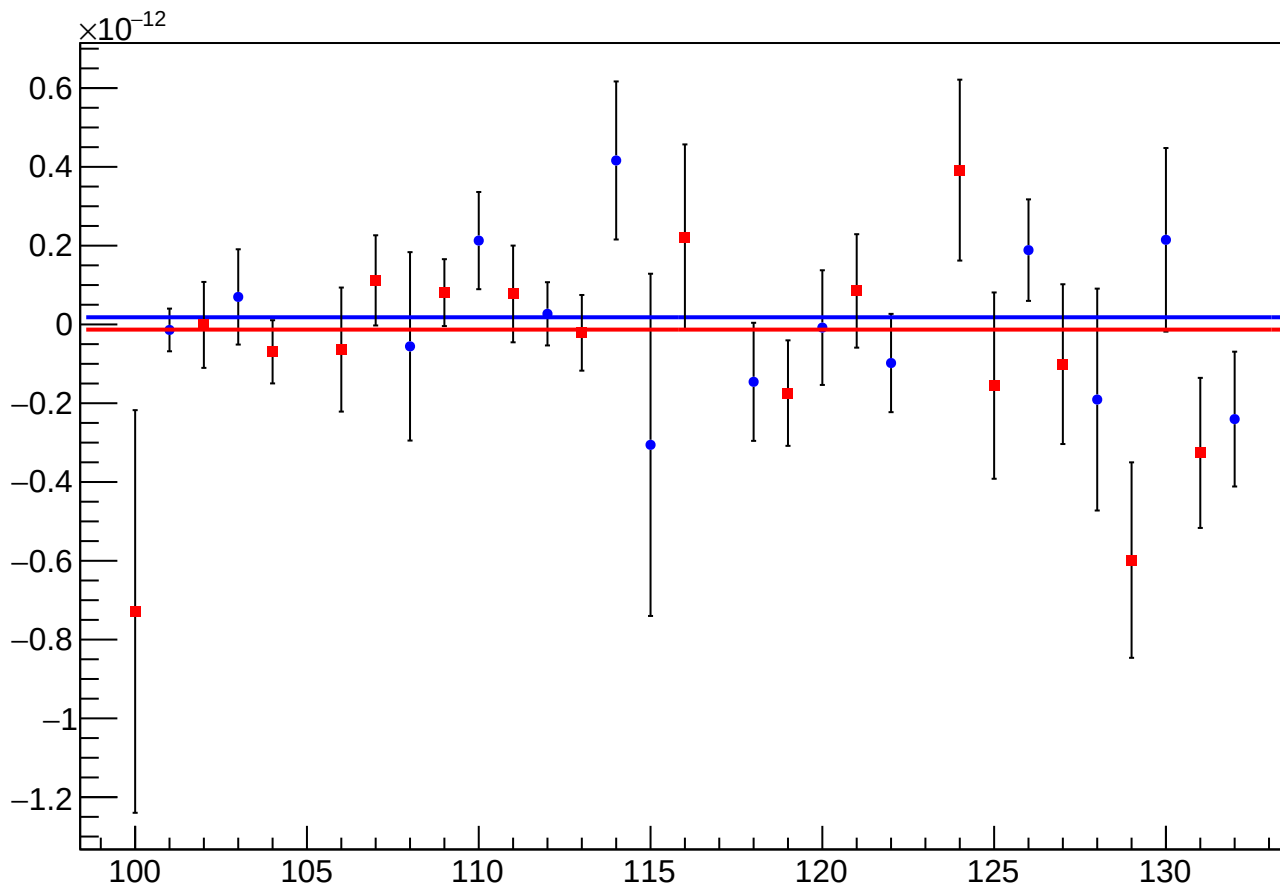
Right: 58.754+/-0.014 χ^2/NDF : 5624962.0/29

In: 56.761+/-0.020 χ^2/NDF : 3210244.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.754+/-0.014 χ^2/NDF : 5624962.0/29

asym_sam4_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 20.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

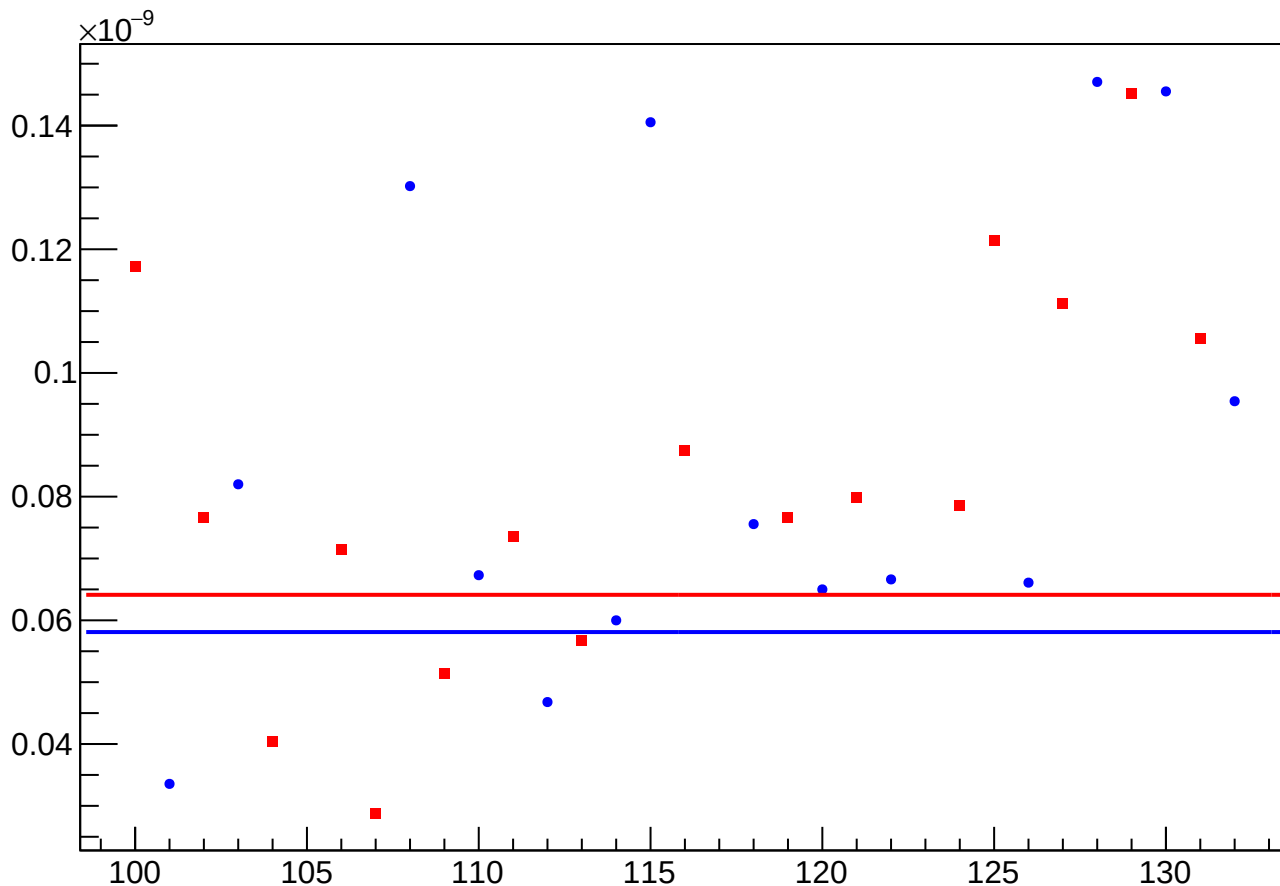
Right: 0.000+/-0.000 χ^2/NDF : 35.8/29

In: 0.000+/-0.000 χ^2/NDF : 15.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 35.8/29

asym_sam4_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1418444.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1088784.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

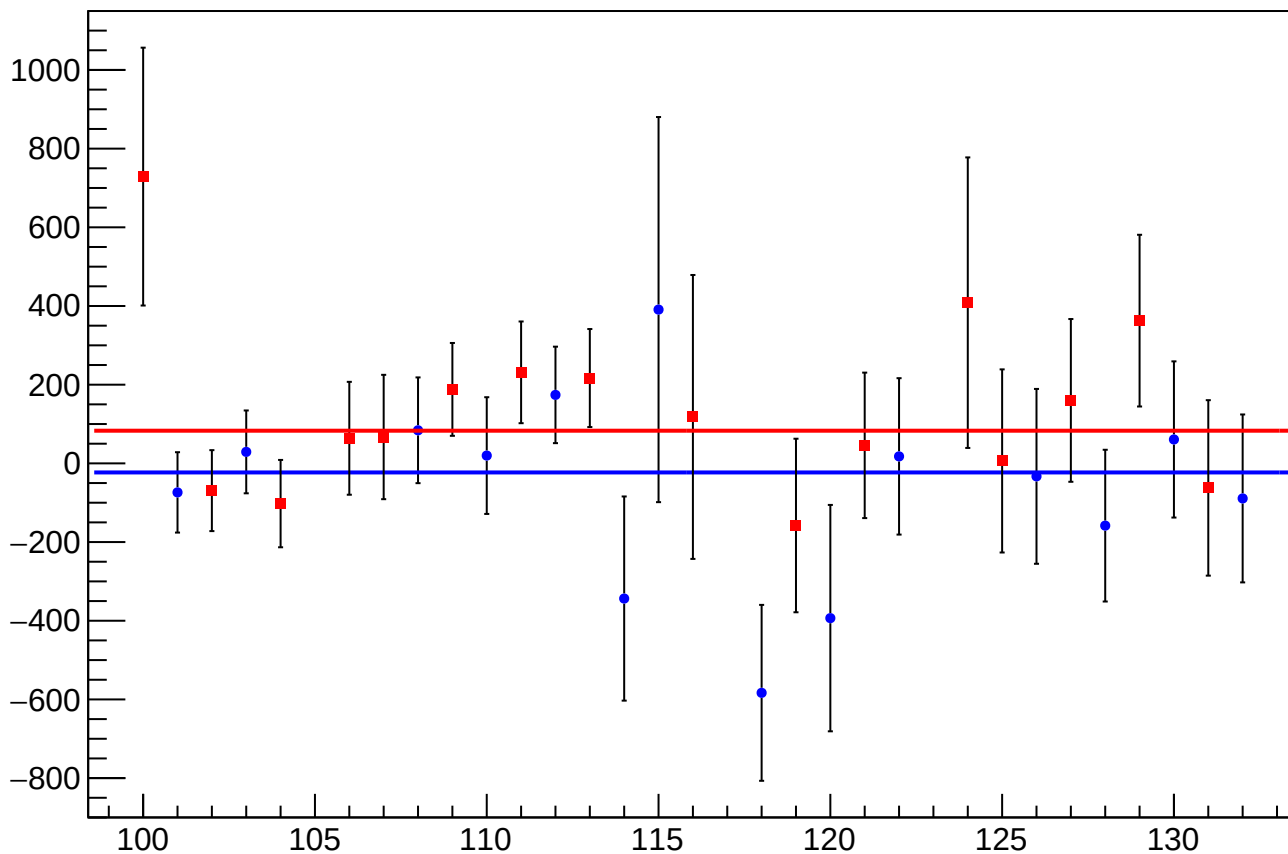
Right: 0.000+/-0.000 χ^2/NDF : 2540910.4/29

In: 0.000+/-0.000 χ^2/NDF : 1418444.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2540910.4/29

reg_asym_sam5_mean vs Slug, Sign Corrected



Right In: -23.066+/-43.674 χ^2/NDF : 14.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.025+/-40.245 χ^2/NDF : 16.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

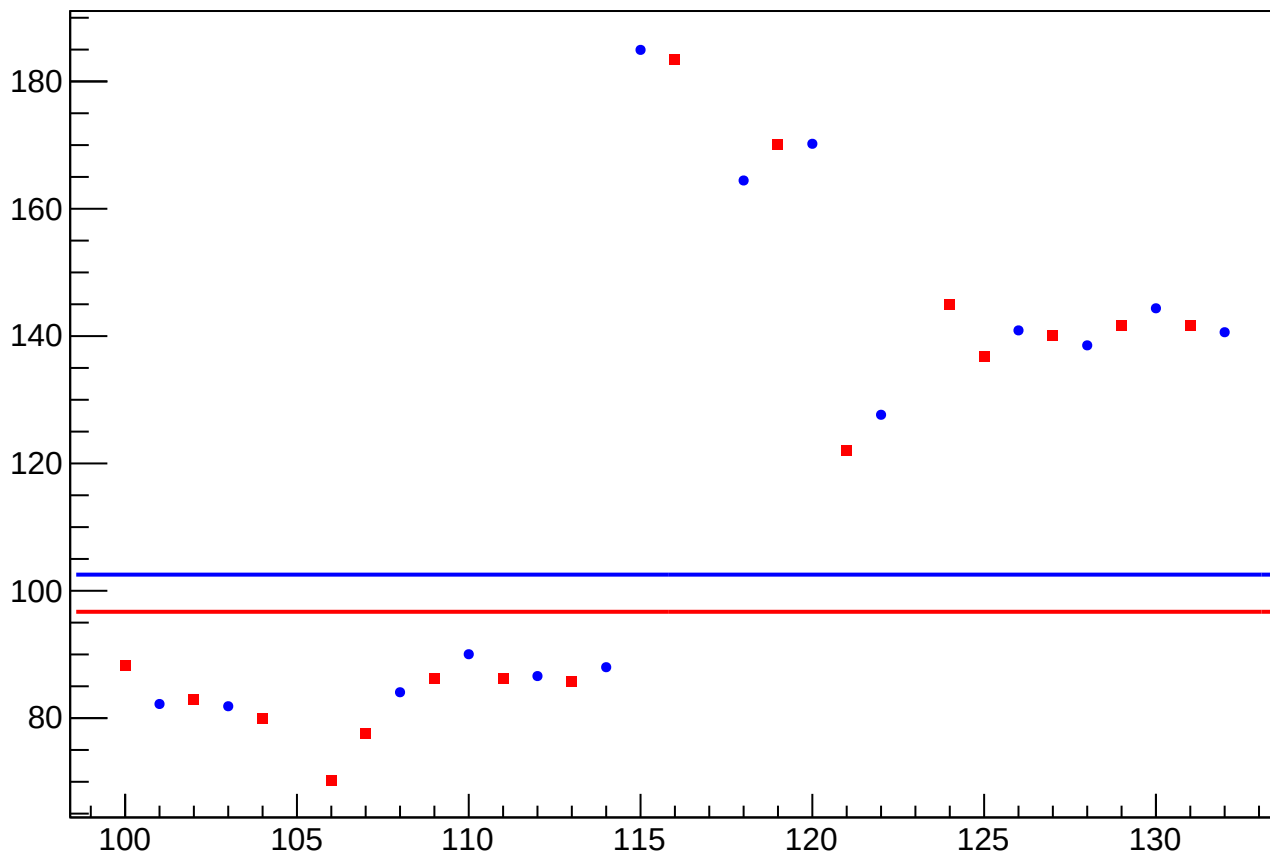
Right: 34.307+/-29.596 χ^2/NDF : 34.5/29

In: -23.066+/-43.674 χ^2/NDF : 14.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.307+/-29.596 χ^2/NDF : 34.5/29

reg_asym_sam5_rms vs Slug, Sign Corrected



Right In: 102.537+/-0.031 χ^2/NDF : 882656.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.702+/-0.028 χ^2/NDF : 947276.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

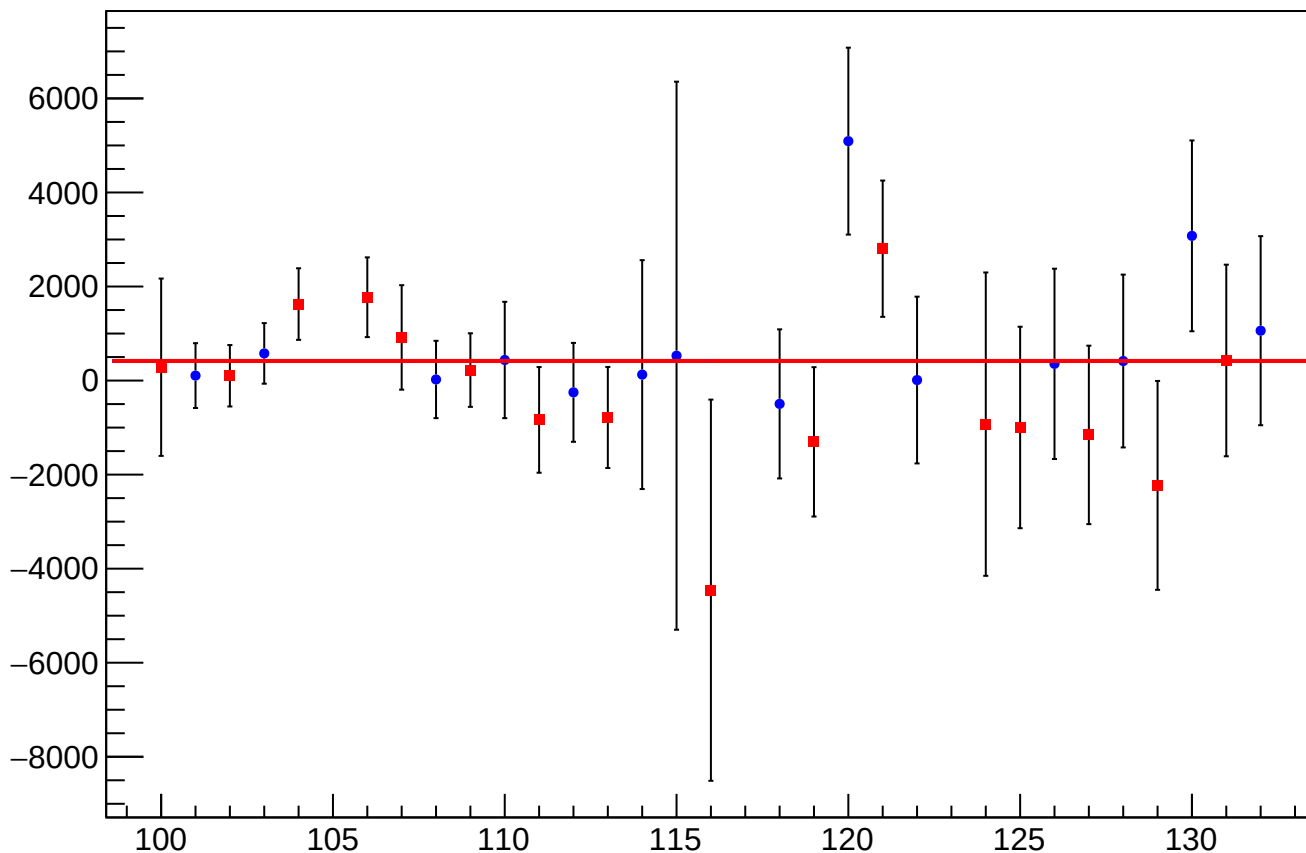
Right: 99.381+/-0.021 χ^2/NDF : 1849240.7/29

In: 102.537+/-0.031 χ^2/NDF : 882656.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.381+/-0.021 χ^2/NDF : 1849240.7/29

asym_sam5_reg_correction_mean vs Slug, Sign Corrected



Right In: 416.406 $\pm$ 320.261 χ^2 /NDF: 8.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 417.297 $\pm$ 290.928 χ^2 /NDF: 16.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

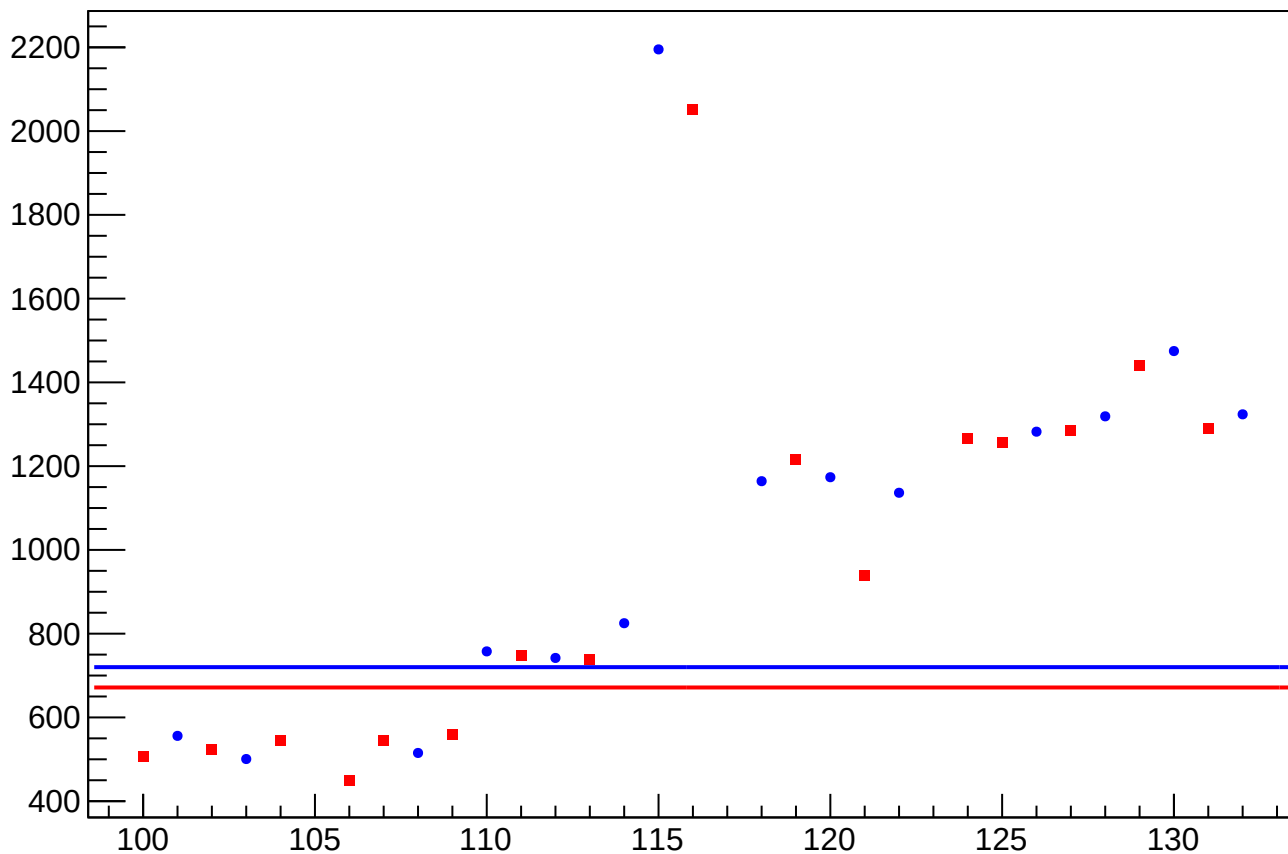
Right: 416.894 $\pm$ 215.342 χ^2 /NDF: 24.8/29

In: 416.406 $\pm$ 320.261 χ^2 /NDF:8.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 416.894 $\pm$ 215.342 χ^2 /NDF: 24.8/29

asym_sam5_reg_correction_rms vs Slug, Sign Corrected



Right In: 720.043+/-0.226 χ^2/NDF : 1799322.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 671.497+/-0.206 χ^2/NDF : 1779404.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

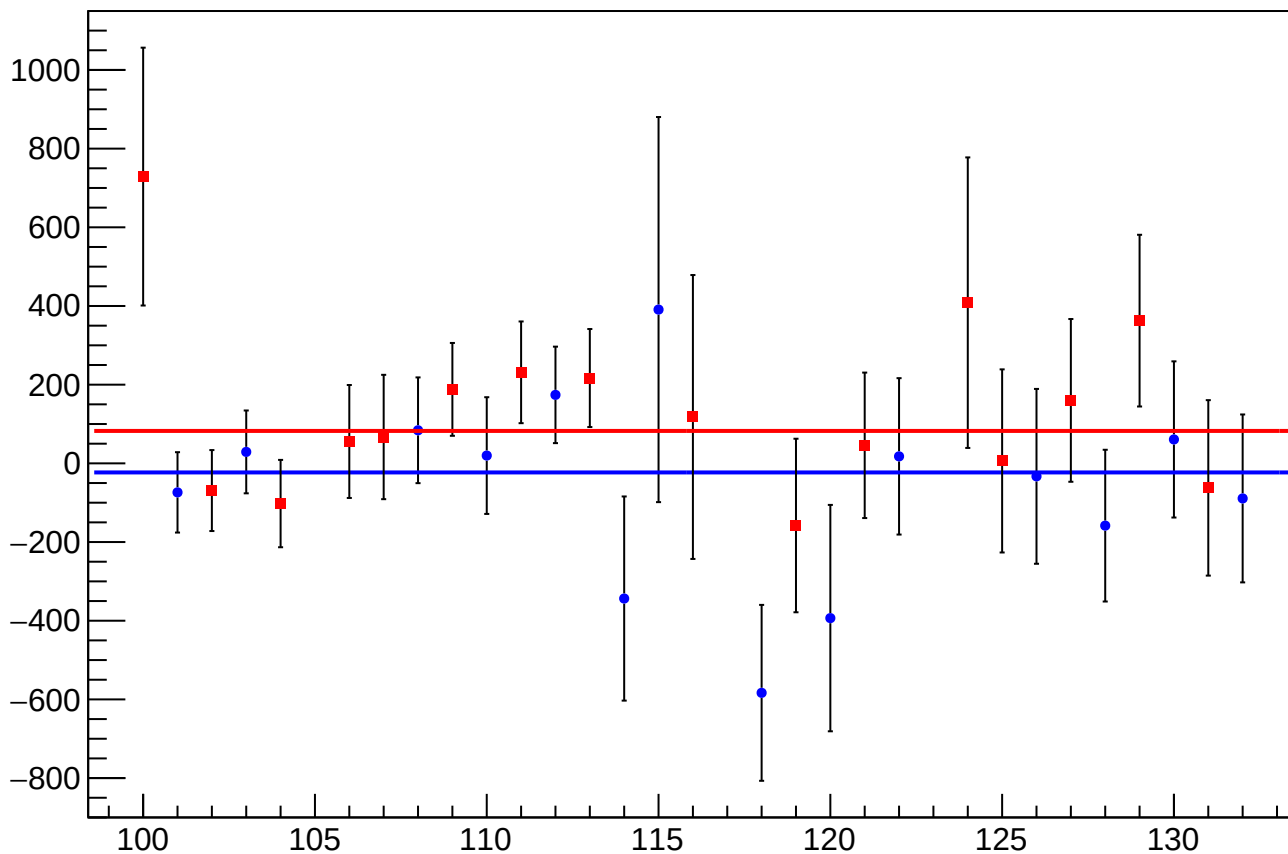
Right: 693.446+/-0.152 χ^2/NDF : 3603903.7/29

In: 720.043+/-0.226 χ^2/NDF : 1799322.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 693.446+/-0.152 χ^2/NDF : 3603903.7/29

cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: -23.084 $\pm$ 43.674 χ^2/NDF : 14.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 82.421 $\pm$ 40.248 χ^2/NDF : 16.5/15

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

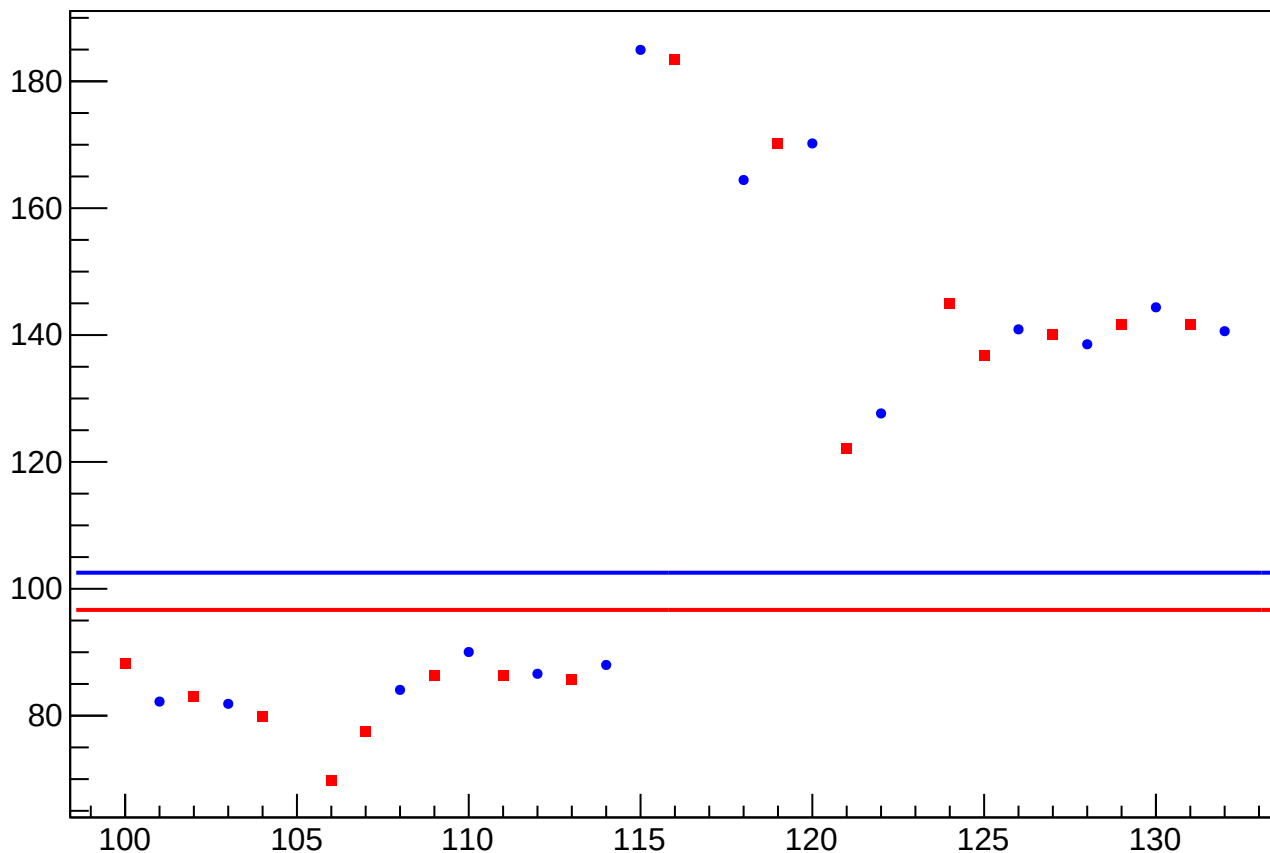
Right: 33.968 $\pm$ 29.597 χ^2/NDF : 34.4/29

In: -23.084 $\pm$ 43.674 χ^2/NDF : 14.8/13

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 33.968 $\pm$ 29.597 χ^2/NDF : 34.4/29

cor_asym_sam5_rms vs Slug, Sign Corrected



Right In: 102.537 $\pm$ 0.031 χ^2 /NDF: 882655.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 96.674 $\pm$ 0.028 χ^2 /NDF: 949274.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

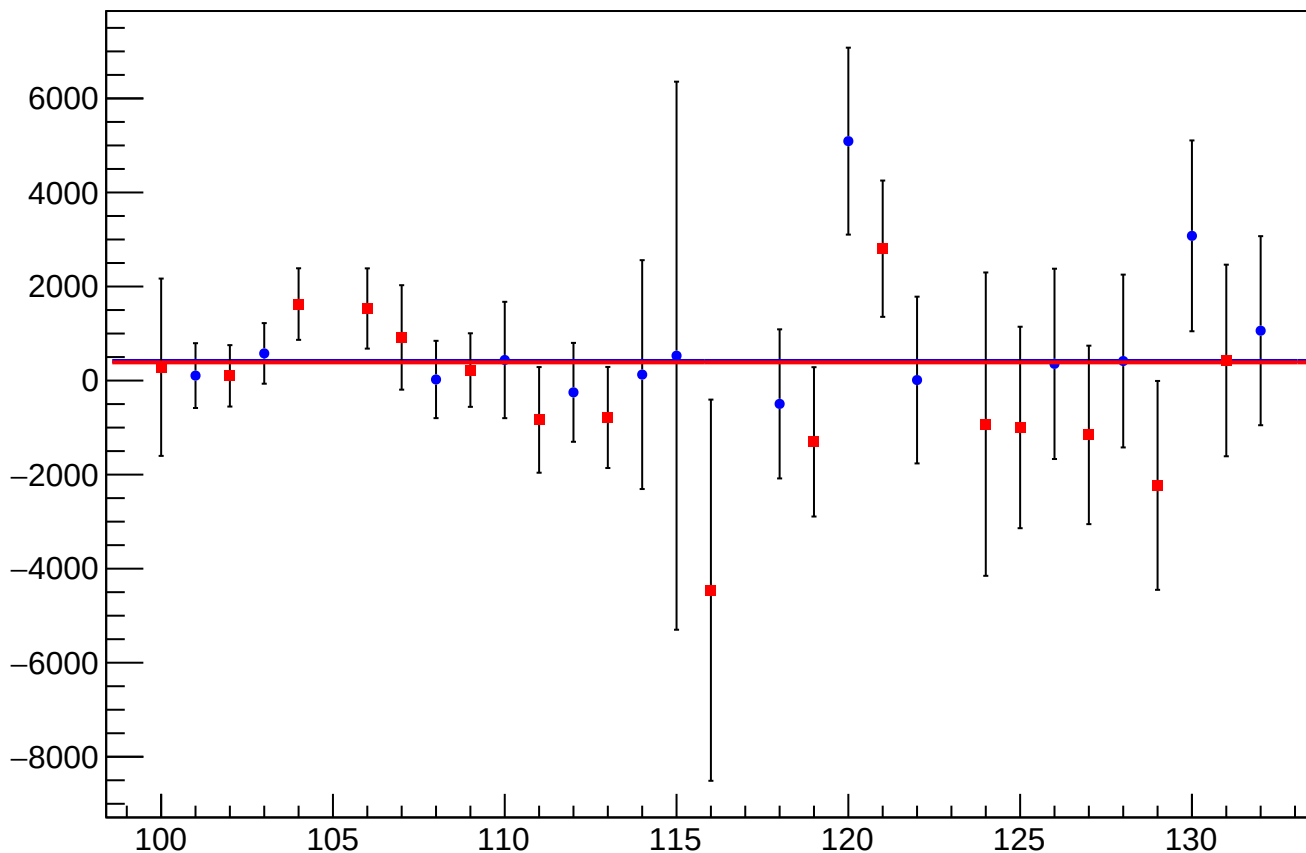
Right: 99.367 $\pm$ 0.021 χ^2 /NDF: 1851419.0/29

In: 102.537 $\pm$ 0.031 χ^2 /NDF:882655.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 99.367 $\pm$ 0.021 χ^2 /NDF: 1851419.0/29

asym_sam5_cor_correction_mean vs Slug, Sign Corrected



Right In: 416.407 $\pm$ 320.260 χ^2 /NDF: 8.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 387.057 $\pm$ 291.152 χ^2 /NDF: 15.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

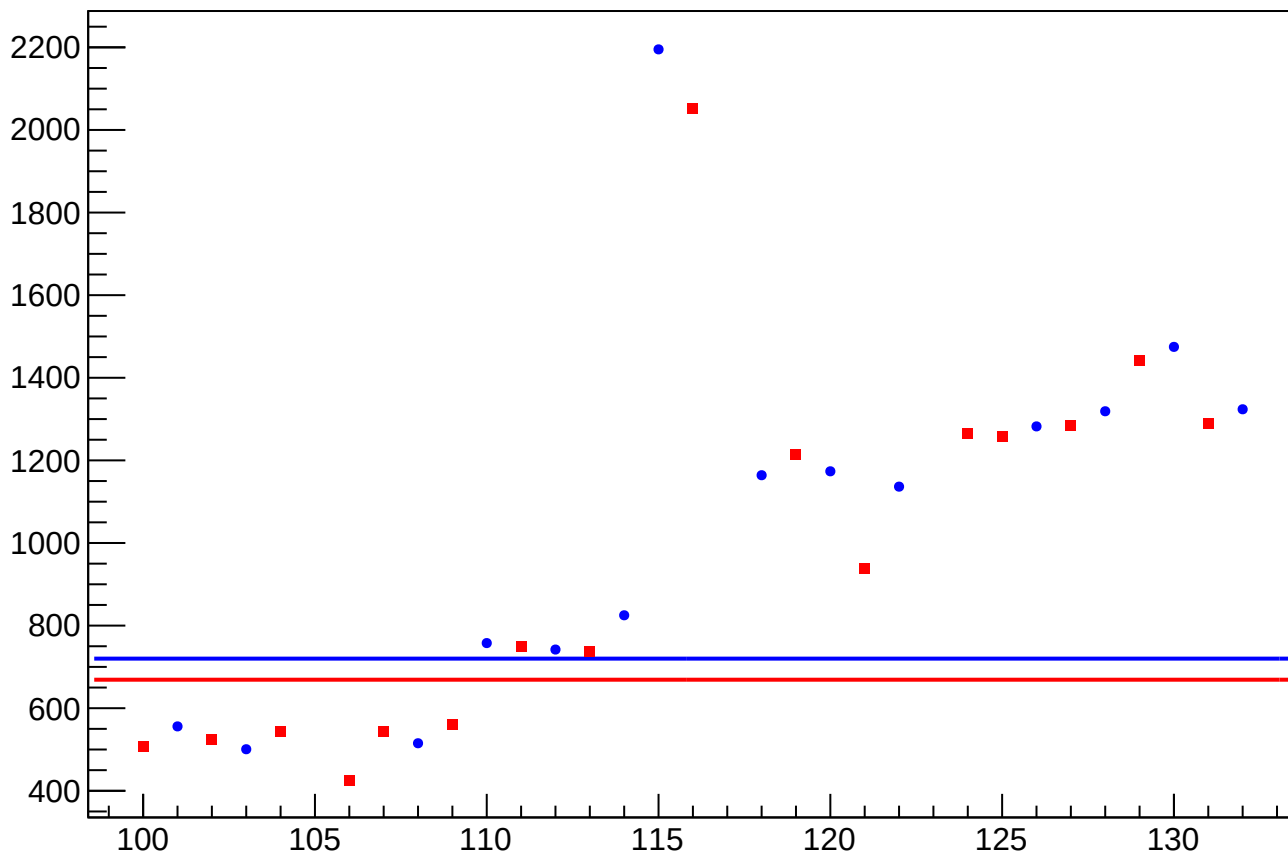
Right: 400.338 $\pm$ 215.433 χ^2 /NDF: 23.9/29

In: 416.407 $\pm$ 320.260 χ^2 /NDF:8.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 400.338 $\pm$ 215.433 χ^2 /NDF: 23.9/29

asym_sam5_cor_correction_rms vs Slug, Sign Corrected



Right In: 720.042+/-0.226 χ^2/NDF : 1799323.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 669.000+/-0.206 χ^2/NDF : 1808892.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

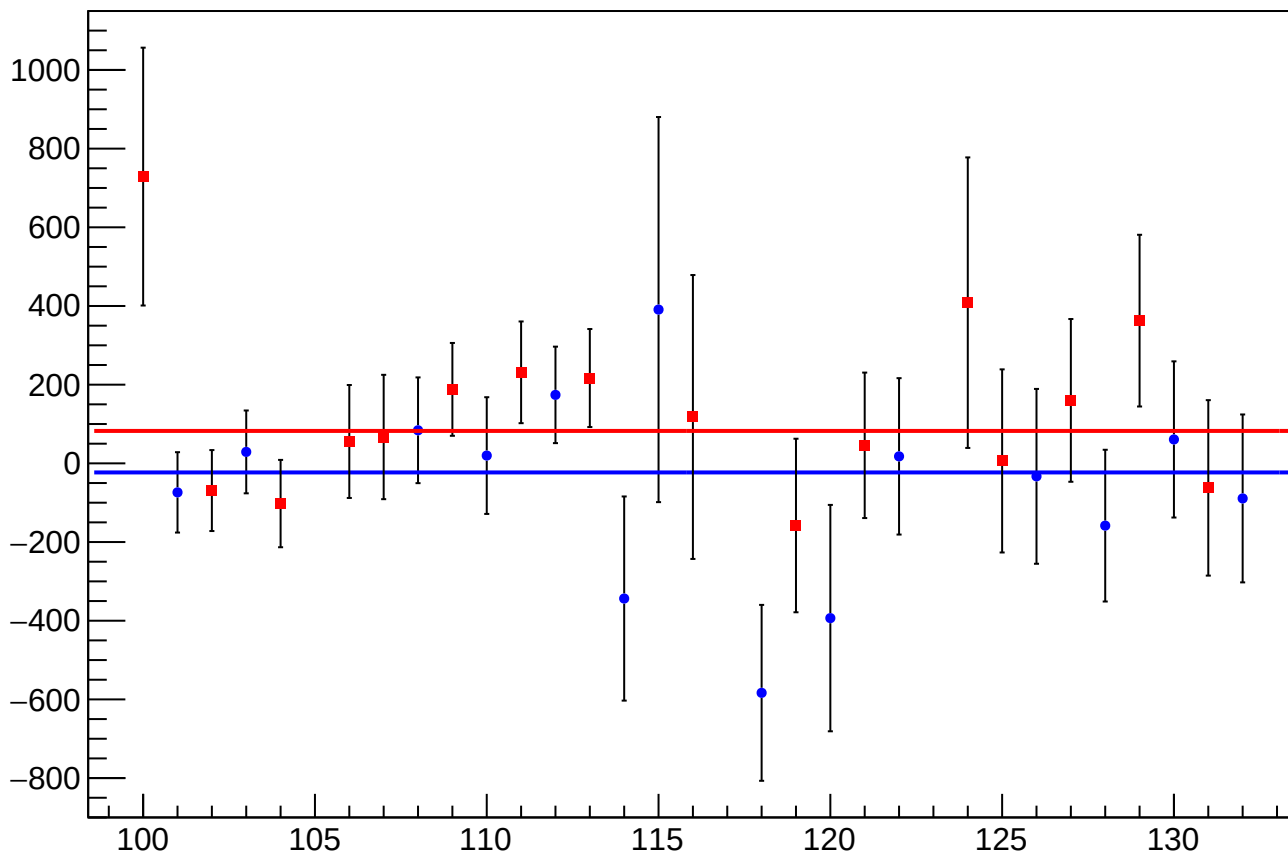
Right: 692.097+/-0.152 χ^2/NDF : 3636030.5/29

In: 720.042+/-0.226 χ^2/NDF : 1799323.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 692.097+/-0.152 χ^2/NDF : 3636030.5/29

eigen_cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: -23.084+/-43.674 χ^2/NDF : 14.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.421+/-40.248 χ^2/NDF : 16.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

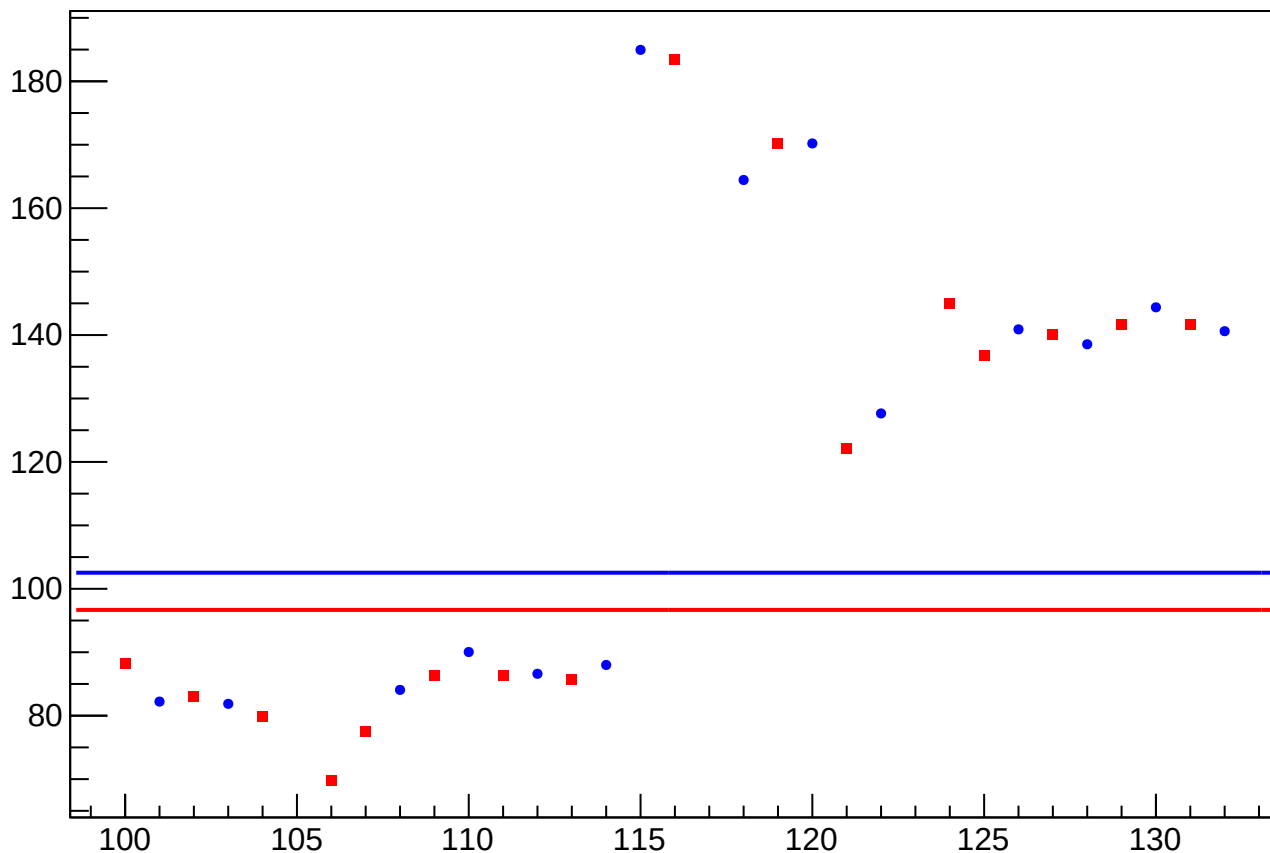
Right: 33.968+/-29.597 χ^2/NDF : 34.4/29

In: -23.084+/-43.674 χ^2/NDF : 14.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.968+/-29.597 χ^2/NDF : 34.4/29

eigen_cor_asym_sam5_rms vs Slug, Sign Corrected



Right In: 102.537+/-0.031 χ^2/NDF : 882655.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 96.674+/-0.028 χ^2/NDF : 949274.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

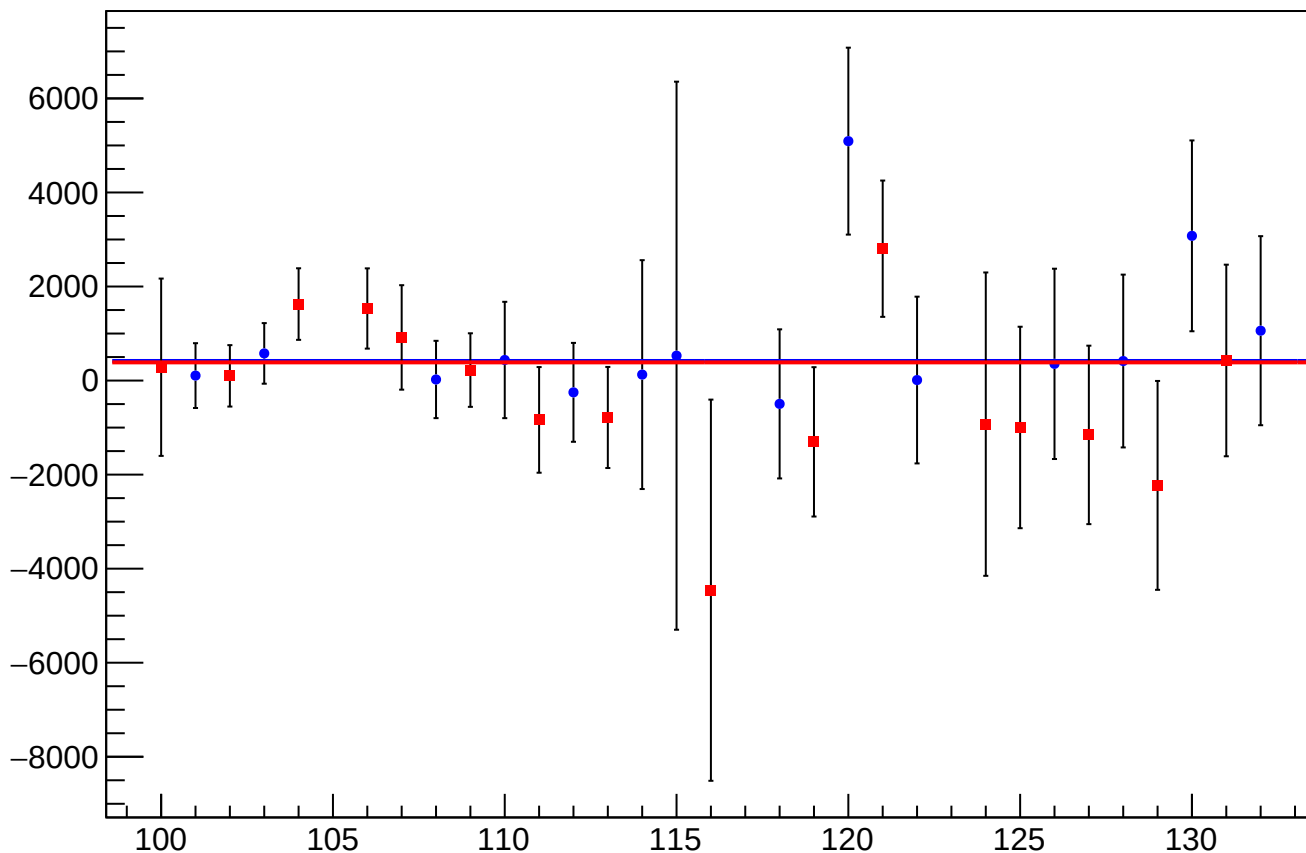
Right: 99.367+/-0.021 χ^2/NDF : 1851419.0/29

In: 102.537+/-0.031 χ^2/NDF :882655.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 99.367+/-0.021 χ^2/NDF : 1851419.0/29

asym_sam5_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 416.407+/-320.260 χ^2/NDF : 8.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 387.057+/-291.152 χ^2/NDF : 15.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

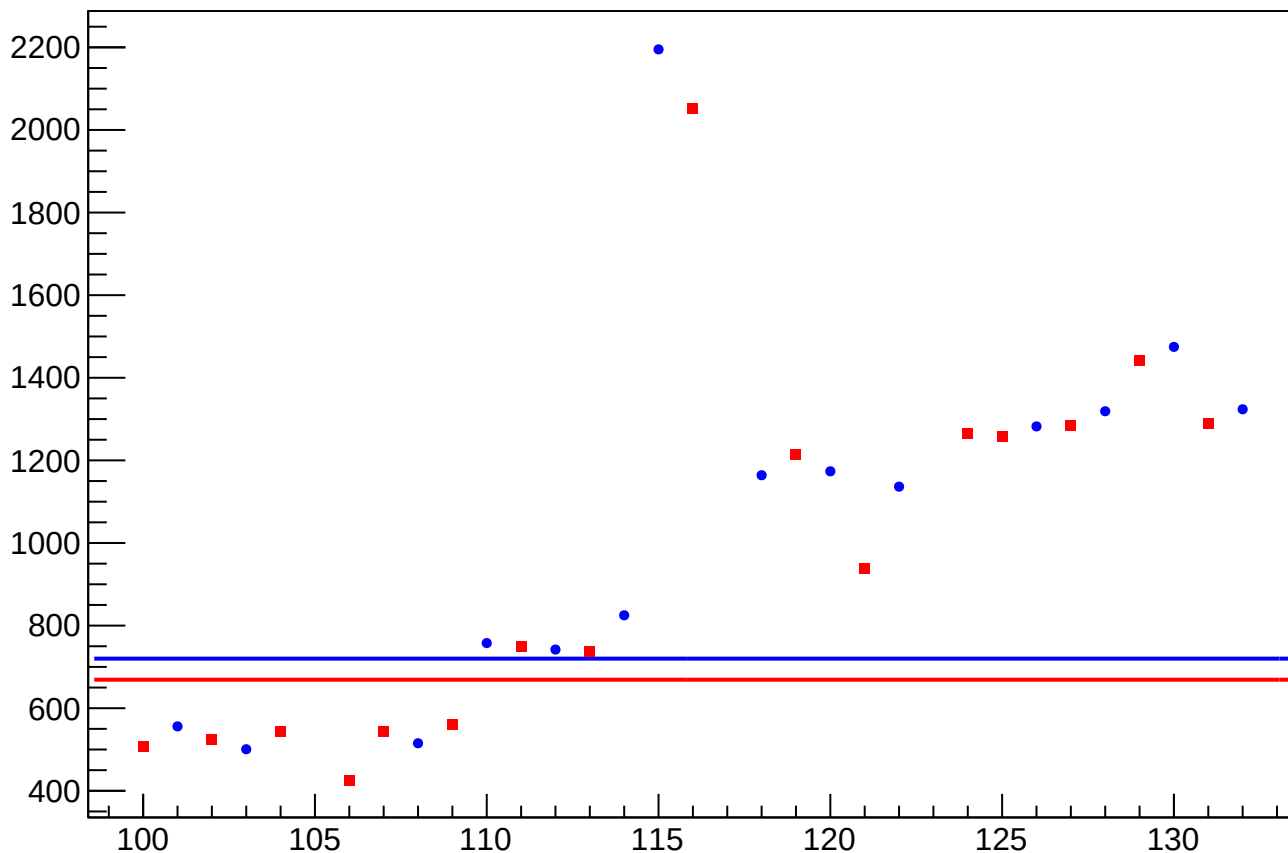
Right: 400.338+/-215.433 χ^2/NDF : 23.9/29

In: 416.407+/-320.260 χ^2/NDF : 8.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 400.338+/-215.433 χ^2/NDF : 23.9/29

asym_sam5_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 720.042+/-0.226 χ^2/NDF : 1799323.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 669.000+/-0.206 χ^2/NDF : 1808892.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

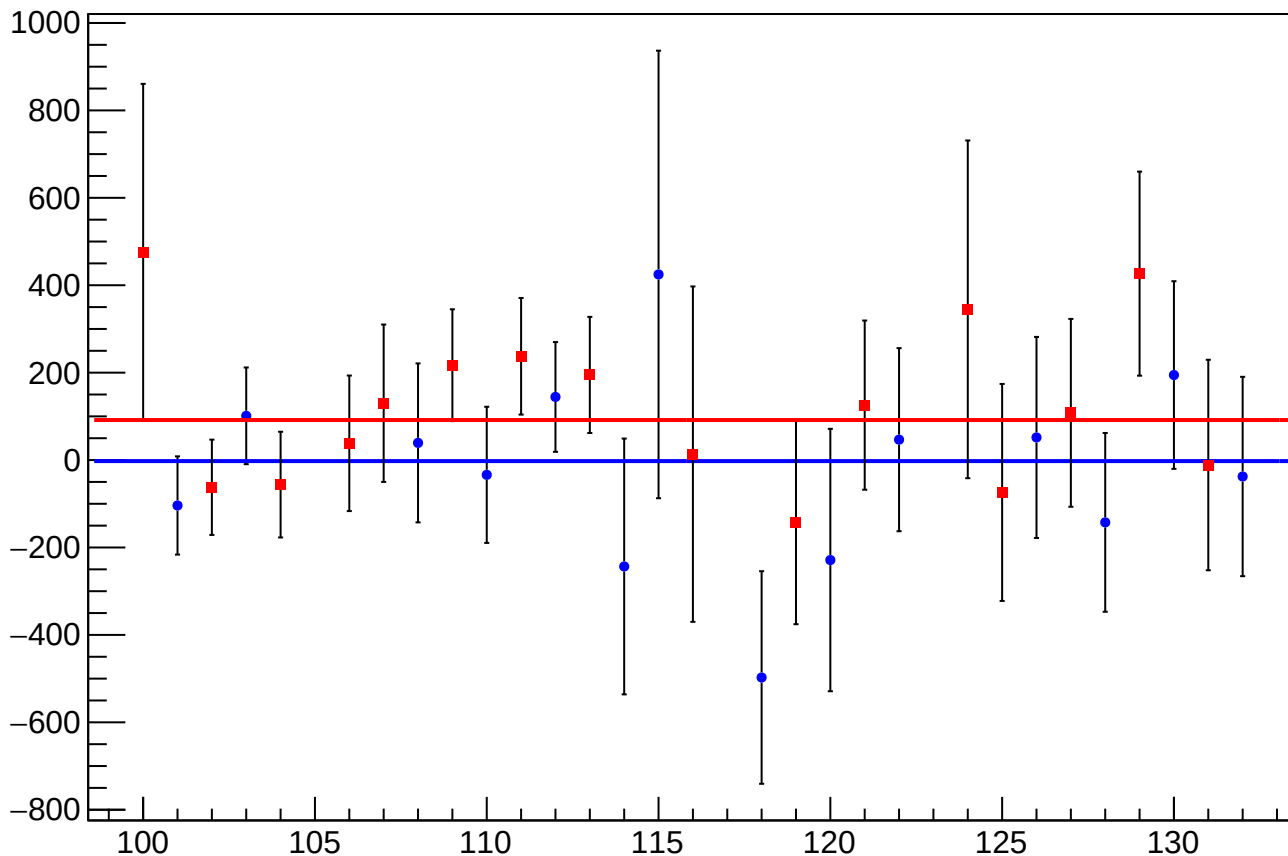
Right: 692.097+/-0.152 χ^2/NDF : 3636030.5/29

In: 720.042+/-0.226 χ^2/NDF :1799323.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 692.097+/-0.152 χ^2/NDF : 3636030.5/29

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: -2.324+/-47.362 χ^2/NDF : 10.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.617+/-43.117 χ^2/NDF : 11.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

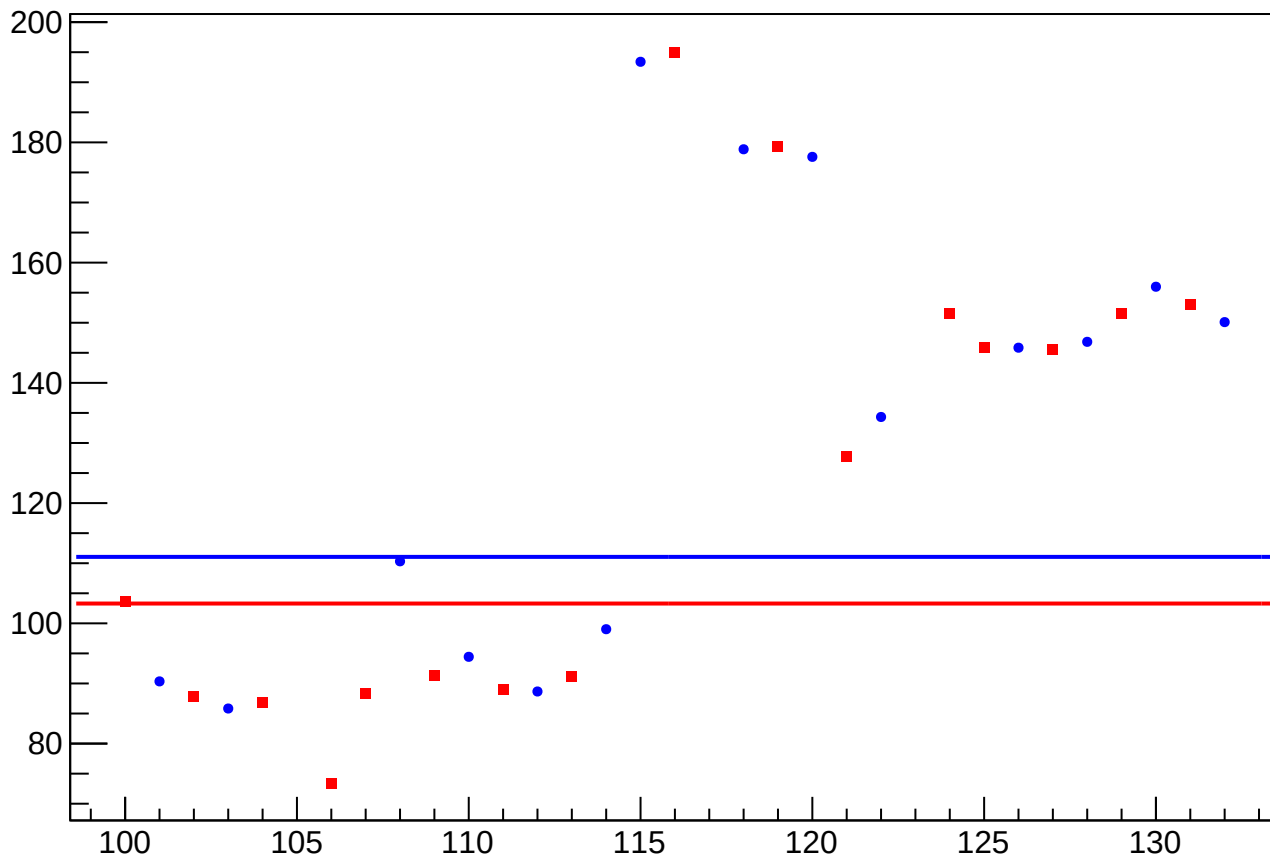
Right: 49.043+/-31.884 χ^2/NDF : 24.5/29

In: -2.324+/-47.362 χ^2/NDF : 10.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.043+/-31.884 χ^2/NDF : 24.5/29

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 111.055+/-0.033 χ^2/NDF : 845008.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.295+/-0.030 χ^2/NDF : 920207.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

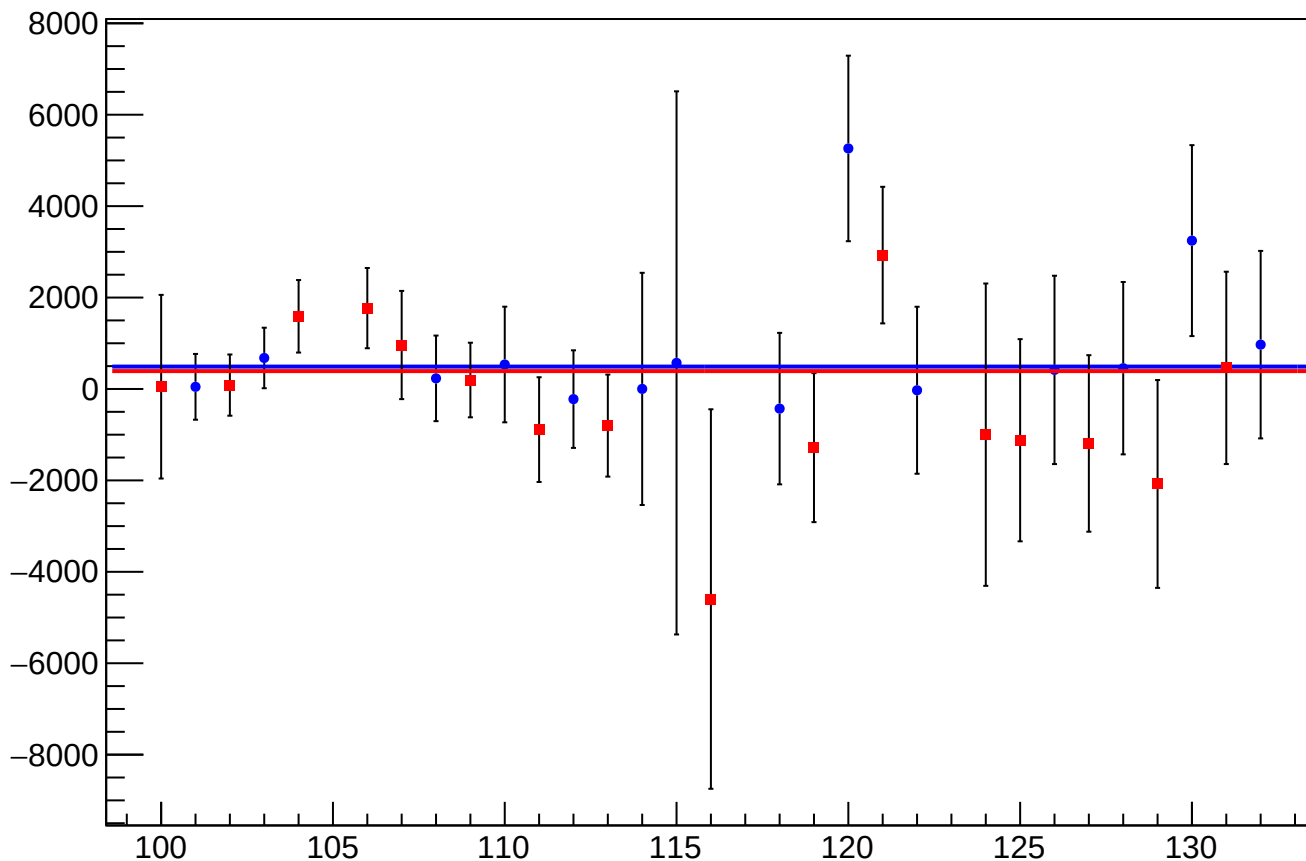
Right: 106.812+/-0.023 χ^2/NDF : 1794575.0/29

In: 111.055+/-0.033 χ^2/NDF : 845008.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.812+/-0.023 χ^2/NDF : 1794575.0/29

asym_sam5_dit_correction_mean vs Slug, Sign Corrected



Right In: 489.743 $\pm$ 334.624 χ^2 /NDF: 8.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 391.216 $\pm$ 301.369 χ^2 /NDF: 15.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

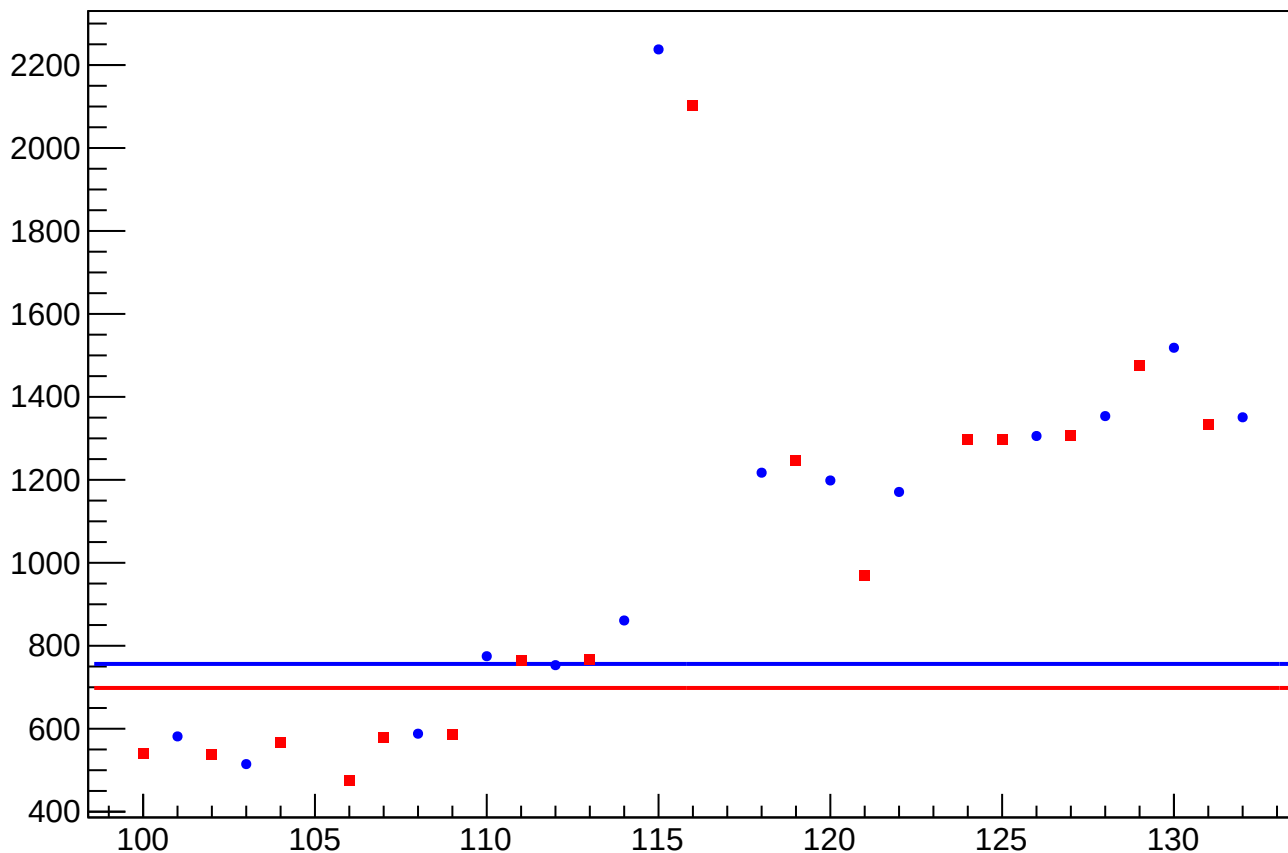
Right: 435.342 $\pm$ 223.937 χ^2 /NDF: 24.3/29

In: 489.743 $\pm$ 334.624 χ^2 /NDF:8.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 435.342 $\pm$ 223.937 χ^2 /NDF: 24.3/29

asym_sam5_dit_correction_rms vs Slug, Sign Corrected



Right In: 756.215+/-0.237 χ^2/NDF : 1707151.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 698.296+/-0.213 χ^2/NDF : 1731899.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

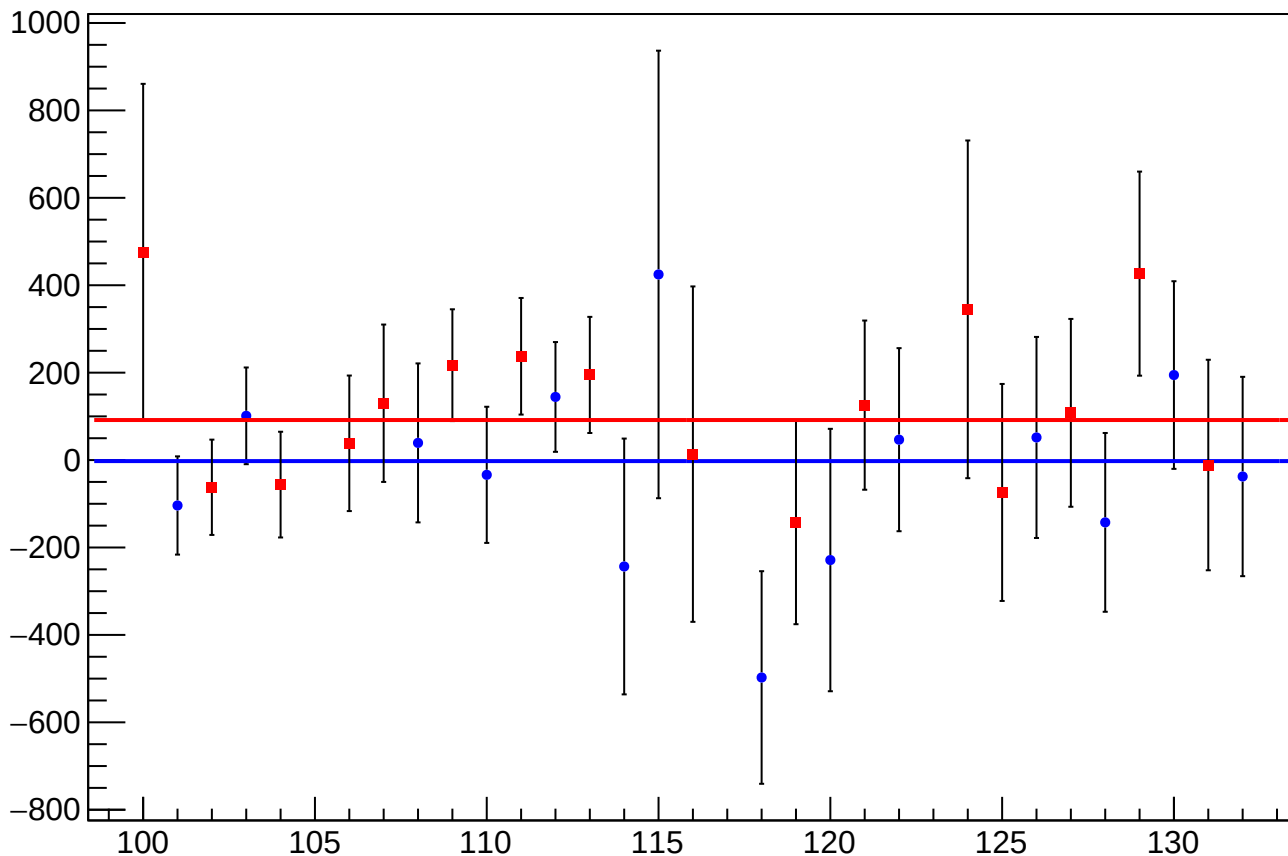
Right: 724.235+/-0.158 χ^2/NDF : 3472134.2/29

In: 756.215+/-0.237 χ^2/NDF : 1707151.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 724.235+/-0.158 χ^2/NDF : 3472134.2/29

eigen_dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: -2.326 ± 47.362 χ^2/NDF : 10.7/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 91.618 ± 43.117 χ^2/NDF : 11.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

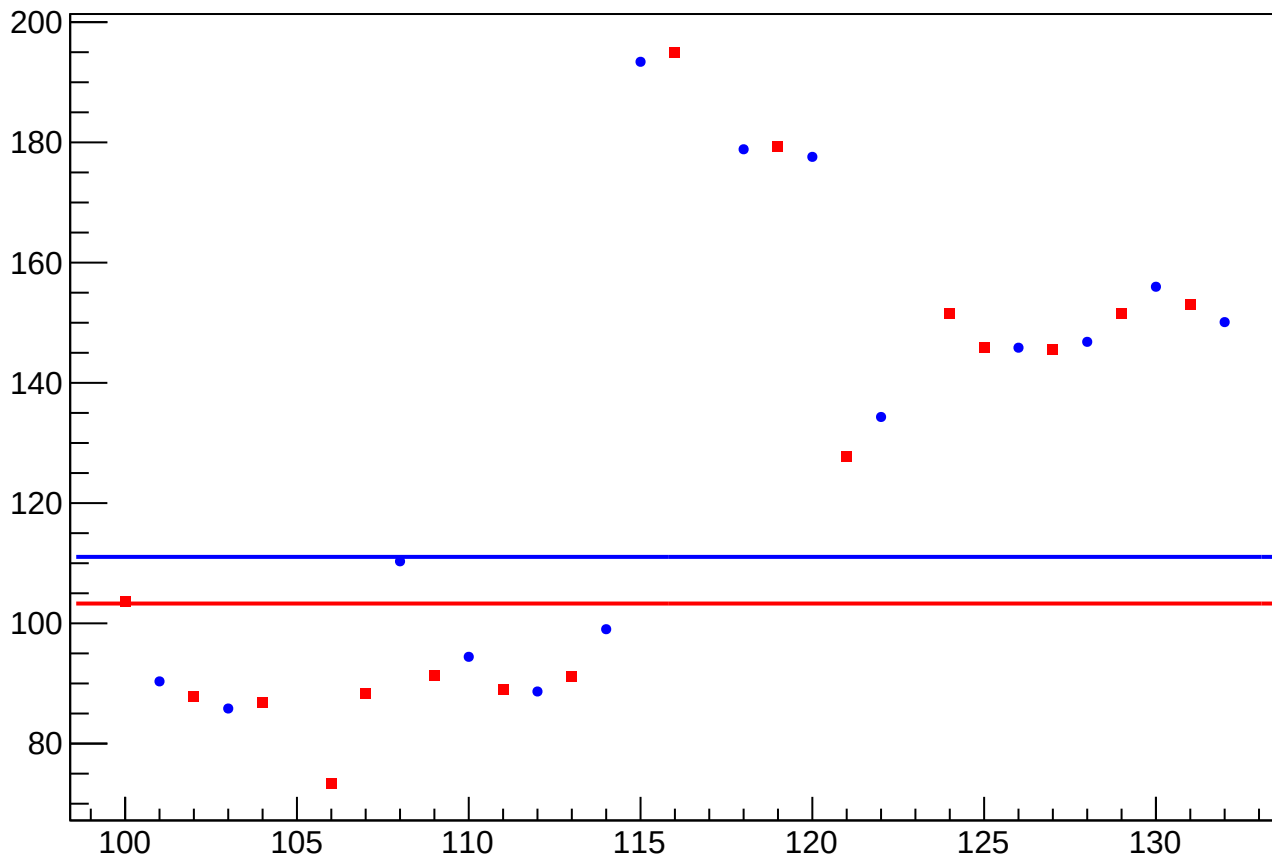
Right: 49.043 ± 31.884 χ^2/NDF : 24.5/29

In: -2.326 ± 47.362 χ^2/NDF : 10.7/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 49.043 ± 31.884 χ^2/NDF : 24.5/29

eigen_dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 111.055+/-0.033 χ^2/NDF : 845002.3/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 103.295+/-0.030 χ^2/NDF : 920198.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

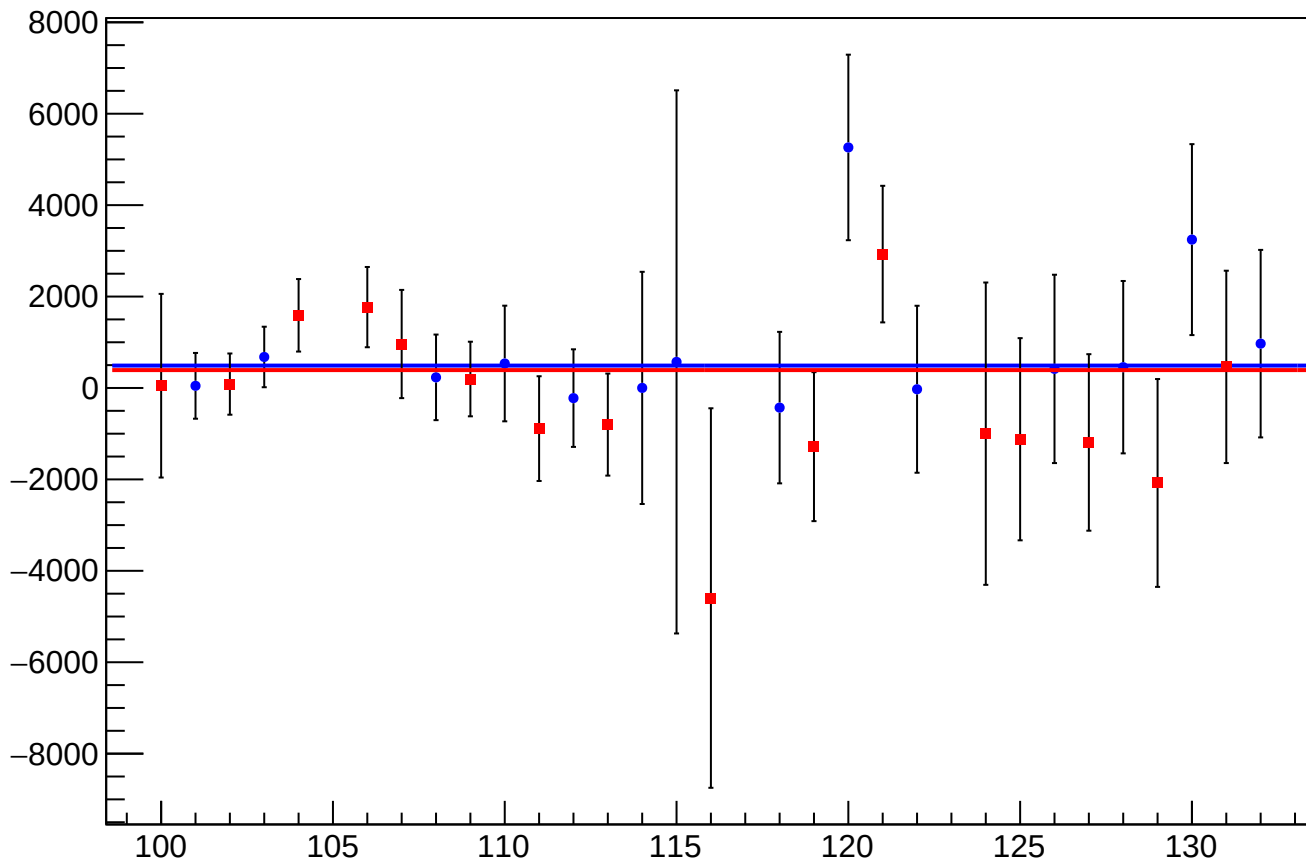
Right: 106.812+/-0.023 χ^2/NDF : 1794559.0/29

In: 111.055+/-0.033 χ^2/NDF :845002.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 106.812+/-0.023 χ^2/NDF : 1794559.0/29

asym_sam5_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 489.742 $\pm$ 334.623 χ^2 /NDF: 8.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 391.217 $\pm$ 301.369 χ^2 /NDF: 15.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

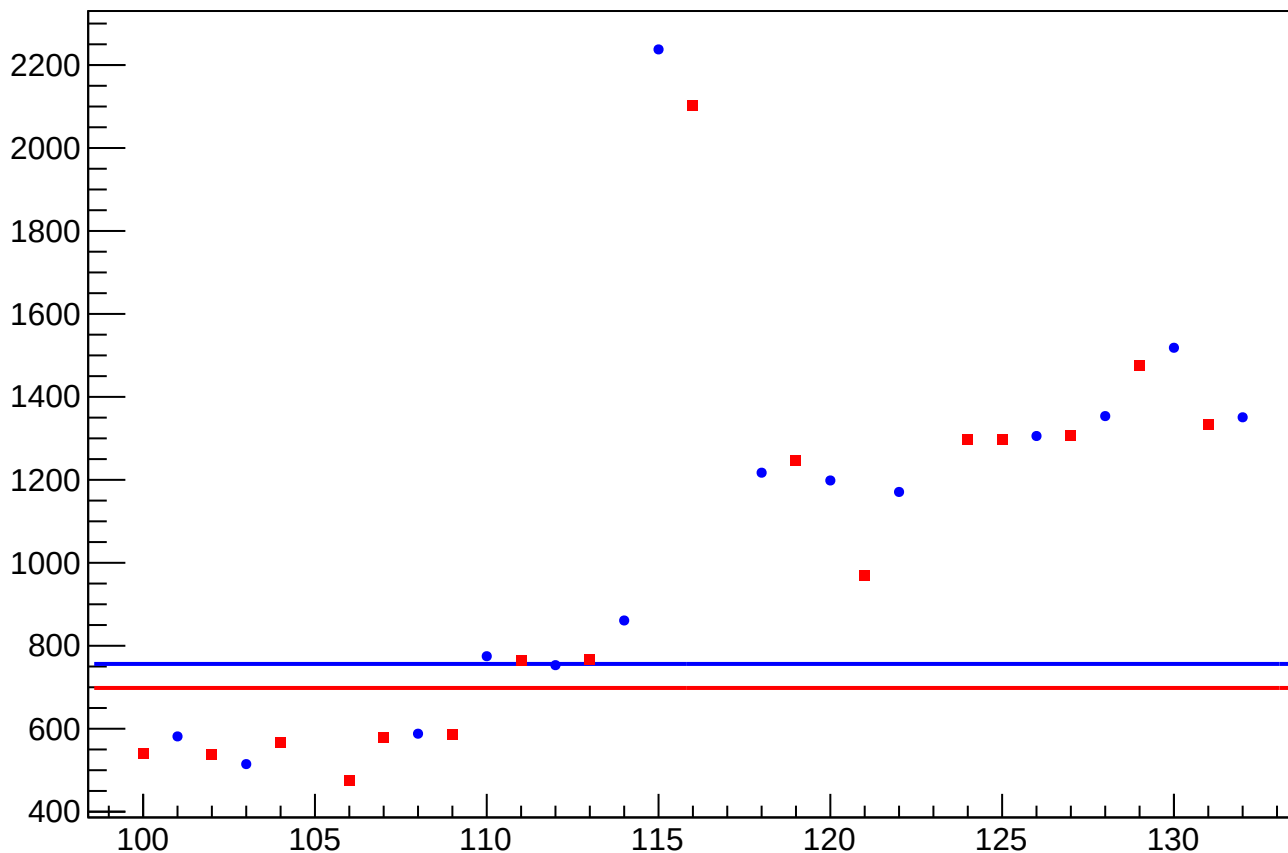
Right: 435.342 $\pm$ 223.937 χ^2 /NDF: 24.3/29

In: 489.742 $\pm$ 334.623 χ^2 /NDF:8.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 435.342 $\pm$ 223.937 χ^2 /NDF: 24.3/29

asym_sam5_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 756.214+/-0.237 χ^2/NDF : 1707148.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 698.295+/-0.213 χ^2/NDF : 1731893.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

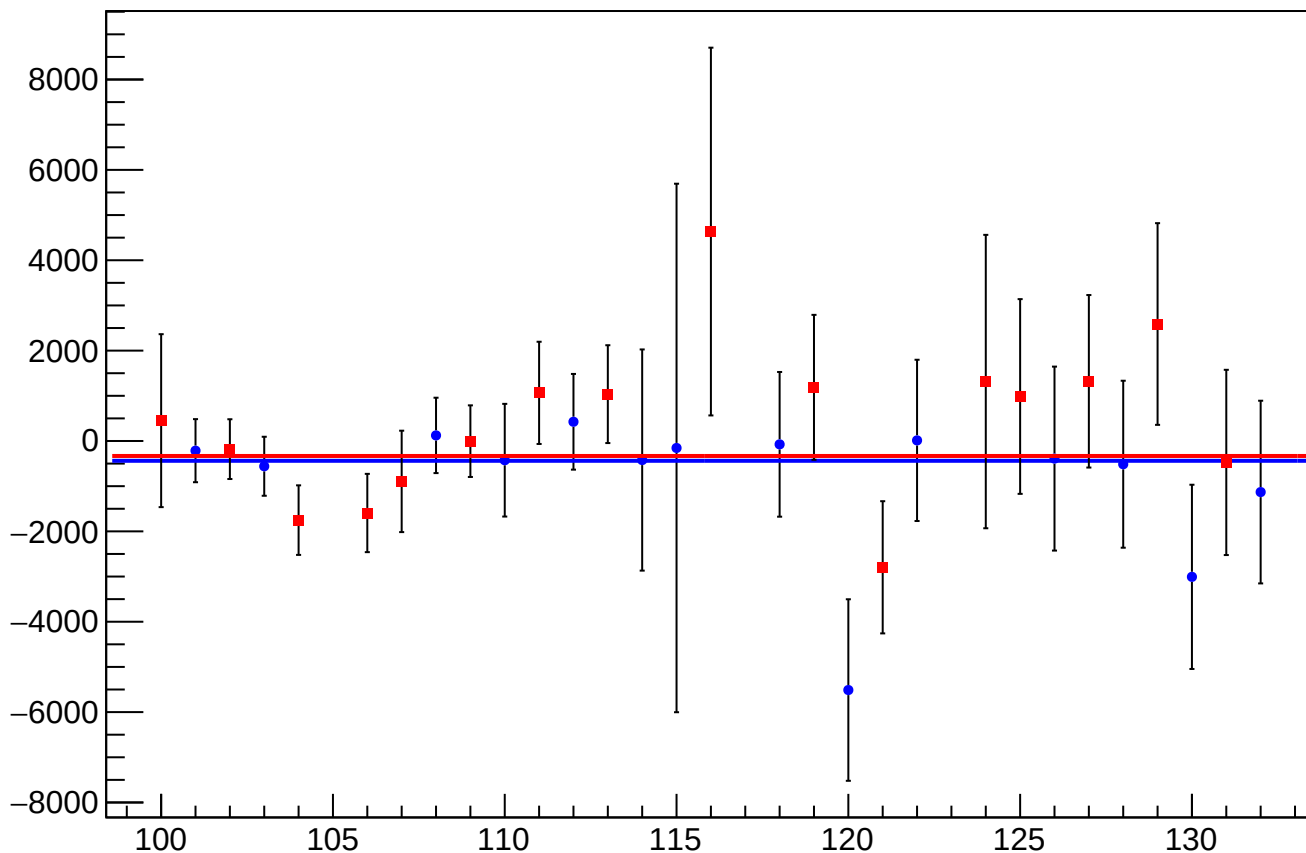
Right: 724.234+/-0.158 χ^2/NDF : 3472124.9/29

In: 756.214+/-0.237 χ^2/NDF : 1707148.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 724.234+/-0.158 χ^2/NDF : 3472124.9/29

asym_sam5_mean vs Slug, Sign Corrected



Right In: -438.115 ± 323.807 χ^2/NDF : 9.5/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -331.511 ± 294.370 χ^2/NDF : 17.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

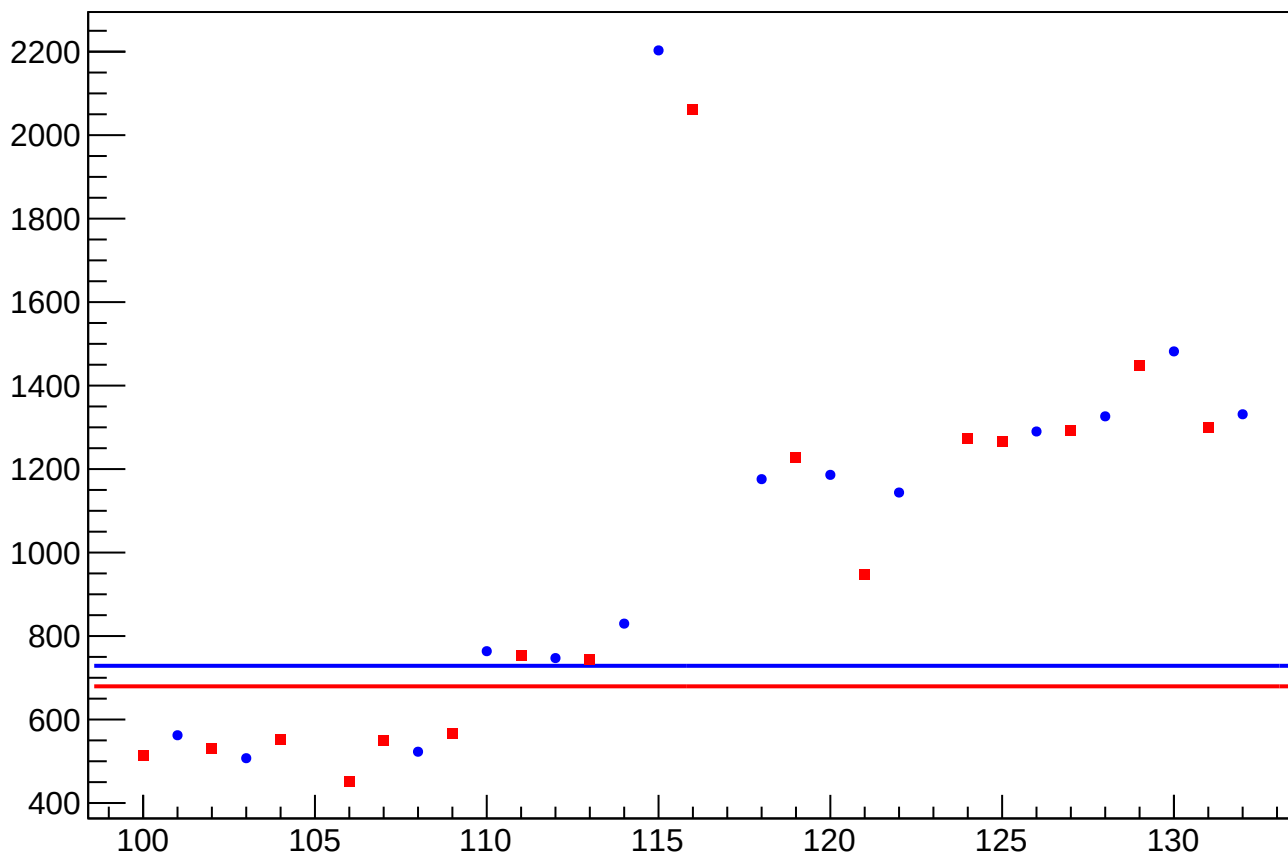
Right: -379.748 ± 217.816 χ^2/NDF : 27.1/29

In: -438.115 ± 323.807 χ^2/NDF : 9.5/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -379.748 ± 217.816 χ^2/NDF : 27.1/29

asym_sam5_rms vs Slug, Sign Corrected



Right In: 728.688+/-0.229 χ^2/NDF : 1777864.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 679.512+/-0.208 χ^2/NDF : 1763673.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

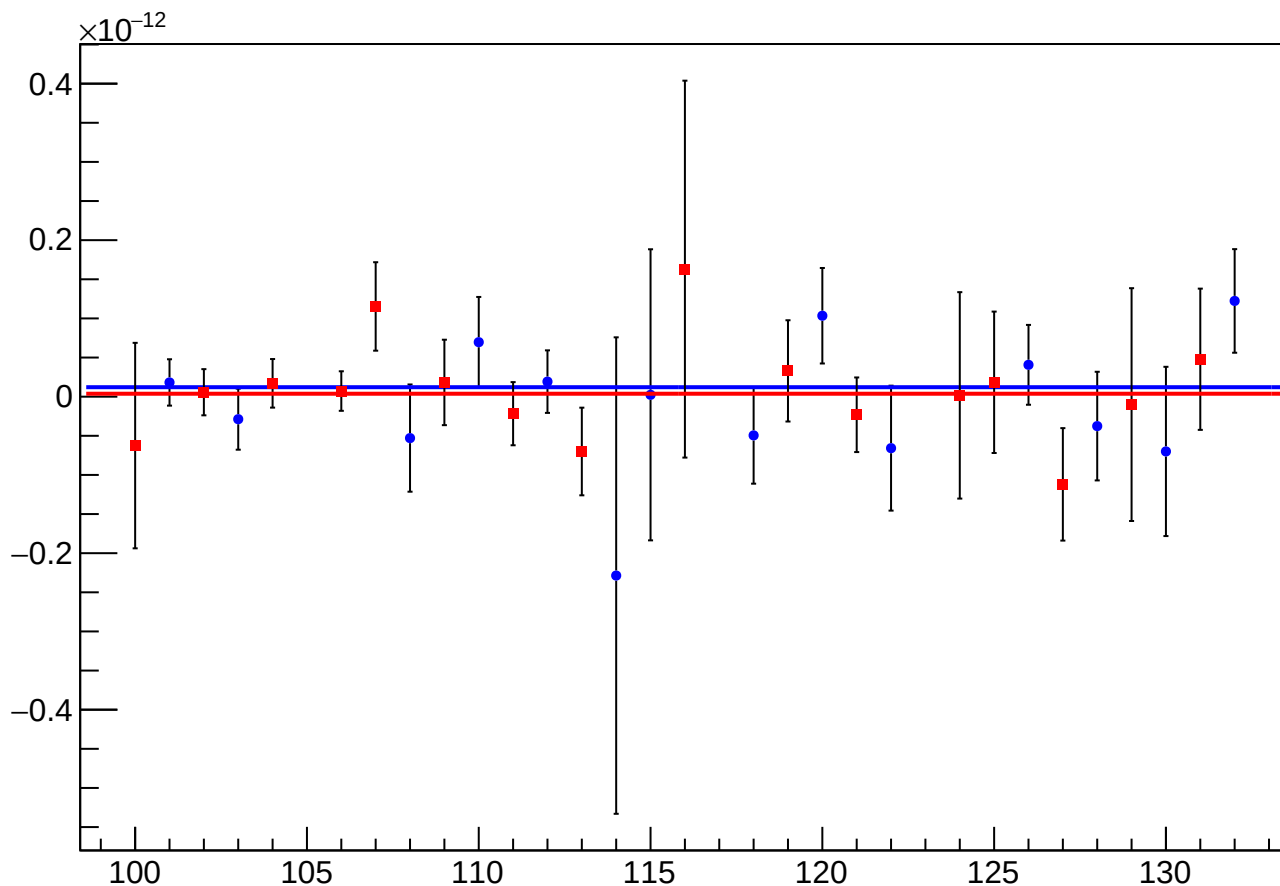
Right: 701.763+/-0.154 χ^2/NDF : 3566793.1/29

In: 728.688+/-0.229 χ^2/NDF : 1777864.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 701.763+/-0.154 χ^2/NDF : 3566793.1/29

asym_sam5_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

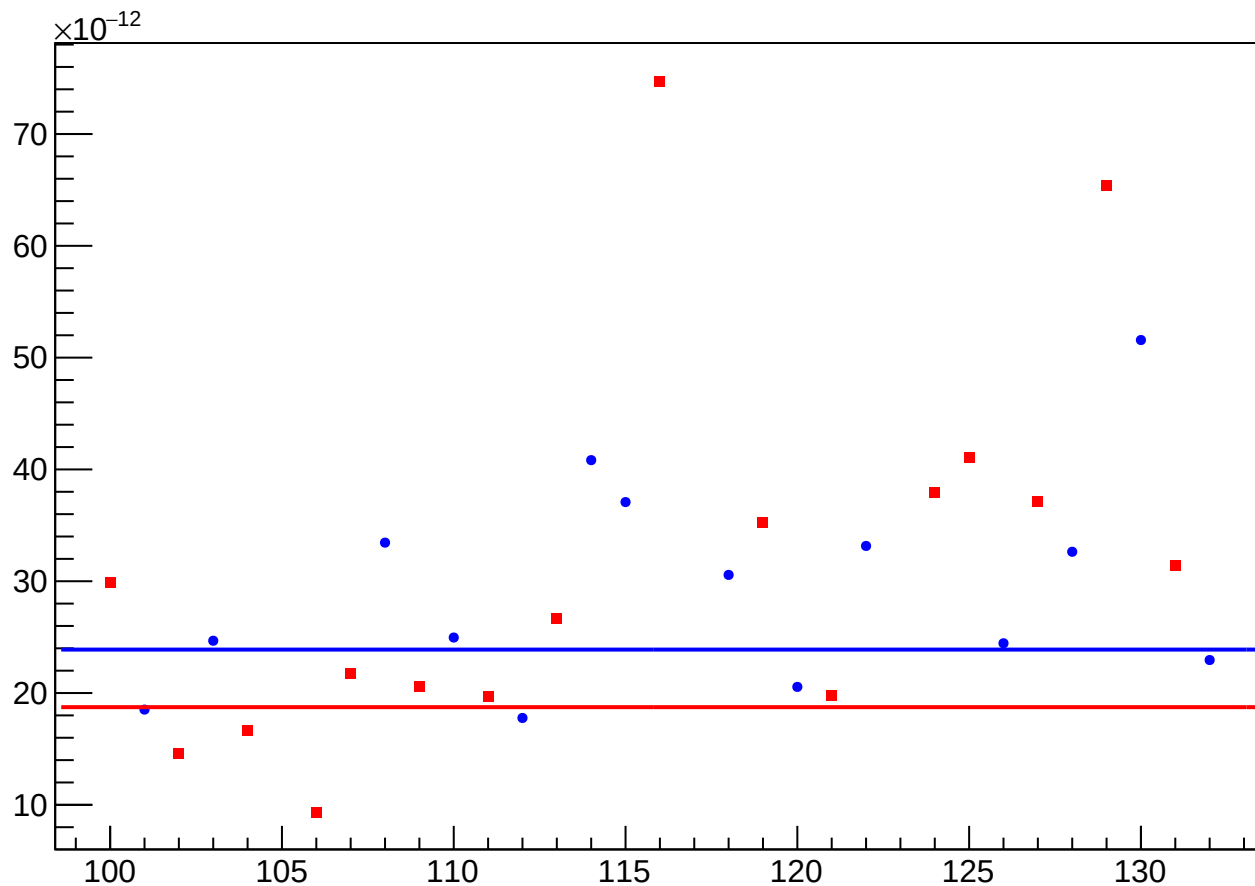
Right: 0.000+/-0.000 χ^2/NDF : 22.6/29

In: 0.000+/-0.000 χ^2/NDF : 12.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.6/29

asym_sam5_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 389175.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1162855.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

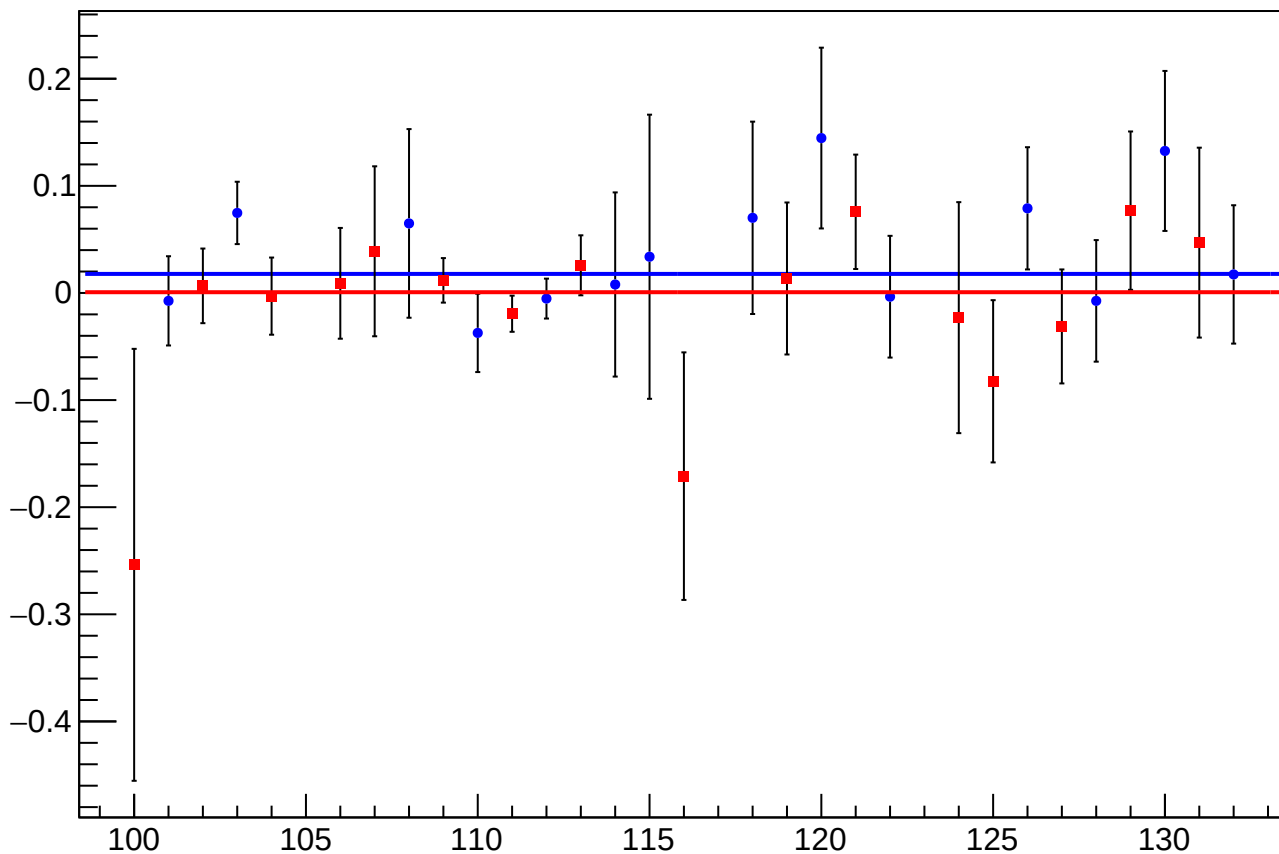
Right: 0.000+/-0.000 χ^2/NDF : 1695493.4/29

In: 0.000+/-0.000 χ^2/NDF : 389175.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1695493.4/29

asym_sam5_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018 $\pm$ 0.012 χ^2 /NDF: 14.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.010 χ^2 /NDF: 11.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

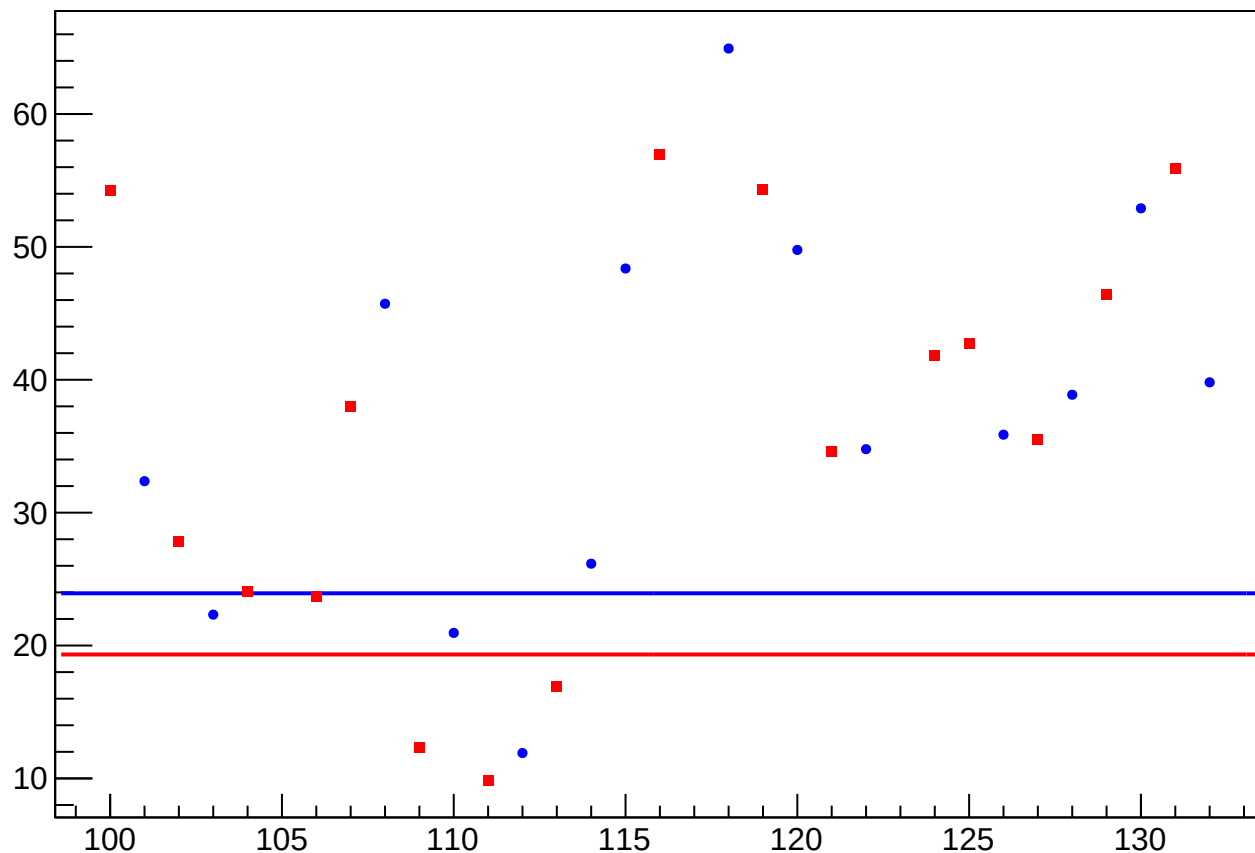
Right: 0.008 $\pm$ 0.007 χ^2 /NDF: 27.6/29

In: 0.018 $\pm$ 0.012 χ^2 /NDF:14.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.008 $\pm$ 0.007 χ^2 /NDF: 27.6/29

asym_sam5_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.931+/-0.008 χ^2/NDF : 2450898.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 19.326+/-0.007 χ^2/NDF : 3148525.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

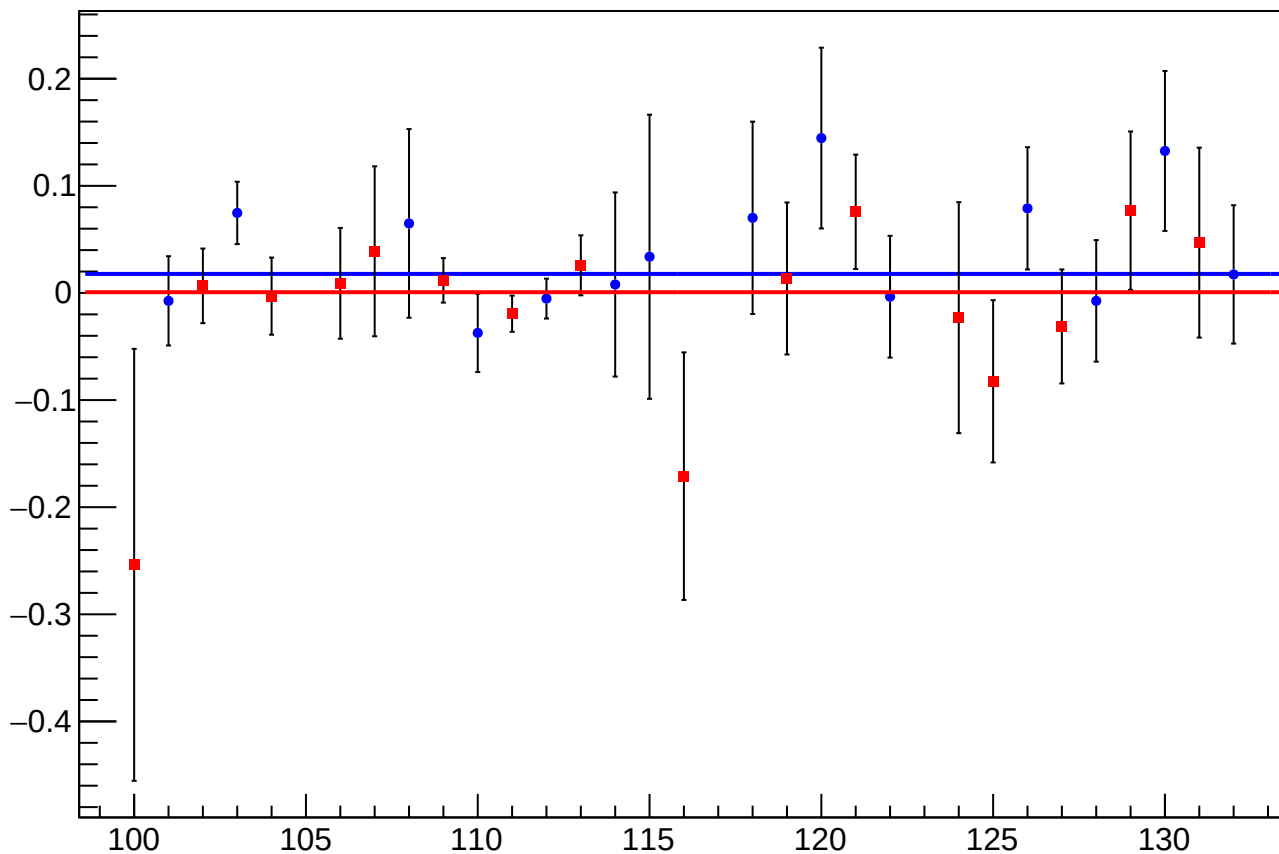
Right: 21.185+/-0.005 χ^2/NDF : 5784439.5/29

In: 23.931+/-0.008 χ^2/NDF :2450898.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 21.185+/-0.005 χ^2/NDF : 5784439.5/29

asym_sam5_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.012 χ^2/NDF : 14.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.010 χ^2/NDF : 11.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

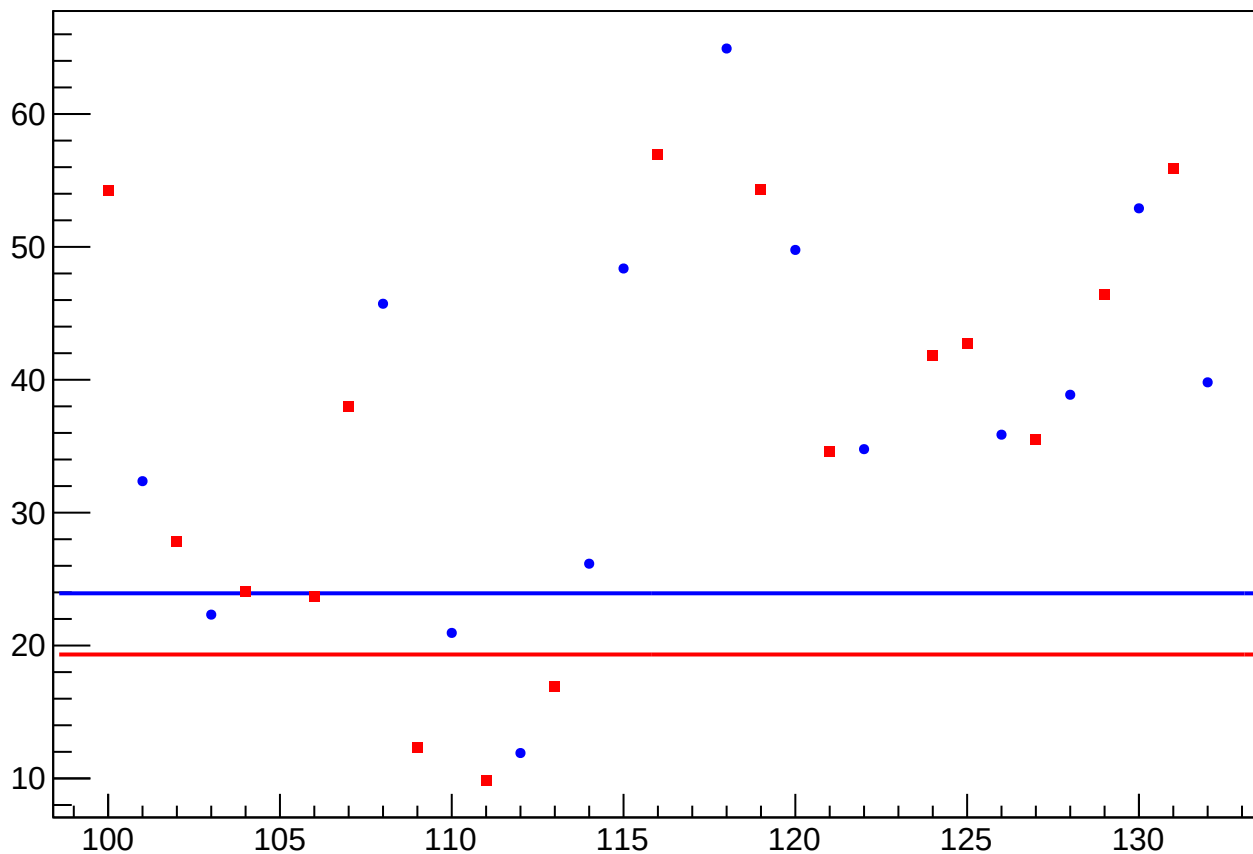
Right: 0.008+/-0.007 χ^2/NDF : 27.6/29

In: 0.018+/-0.012 χ^2/NDF : 14.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.007 χ^2/NDF : 27.6/29

asym_sam5_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.931+/-0.008 χ^2/NDF : 2450898.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 19.326+/-0.007 χ^2/NDF : 3148525.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

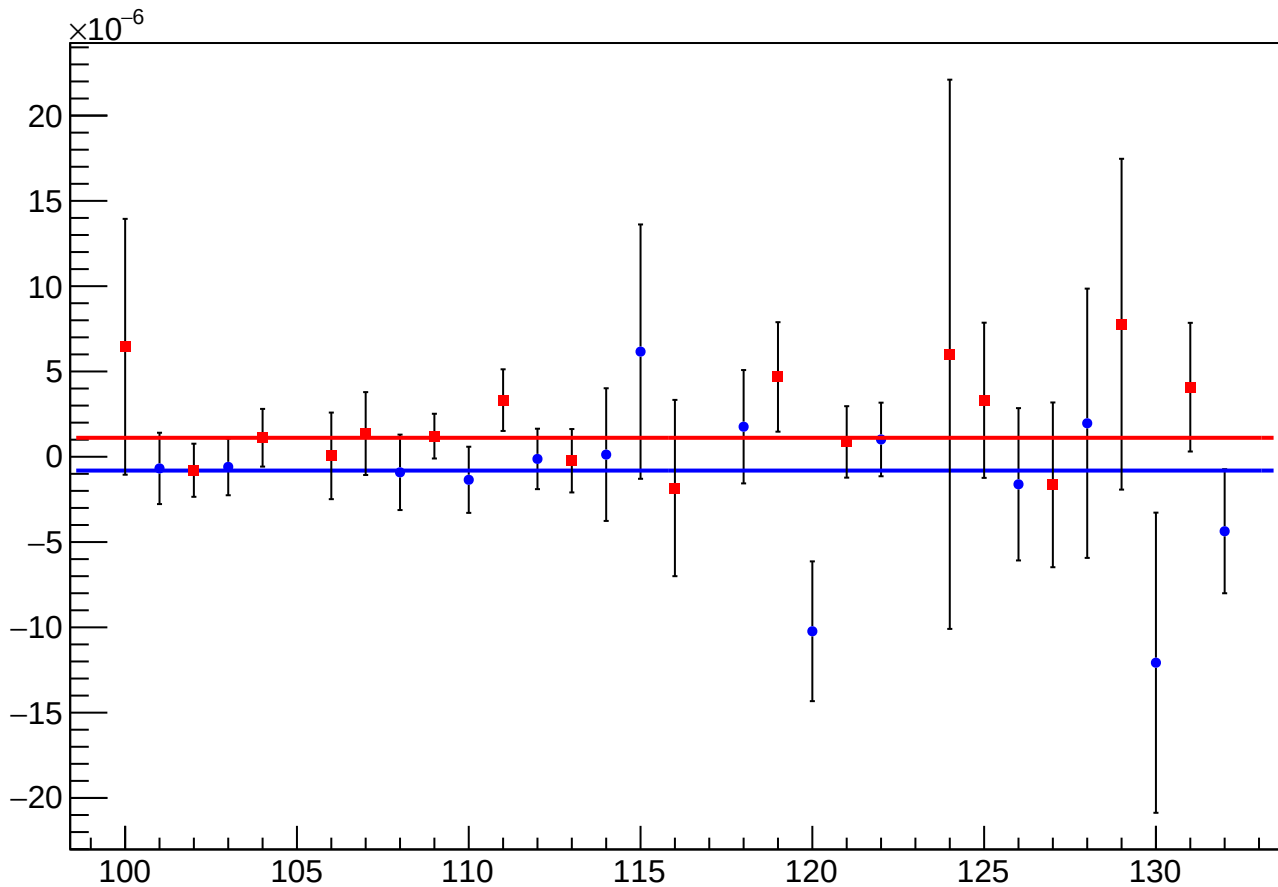
Right: 21.185+/-0.005 χ^2/NDF : 5784439.5/29

In: 23.931+/-0.008 χ^2/NDF :2450898.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 21.185+/-0.005 χ^2/NDF : 5784439.5/29

asym_sam5_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

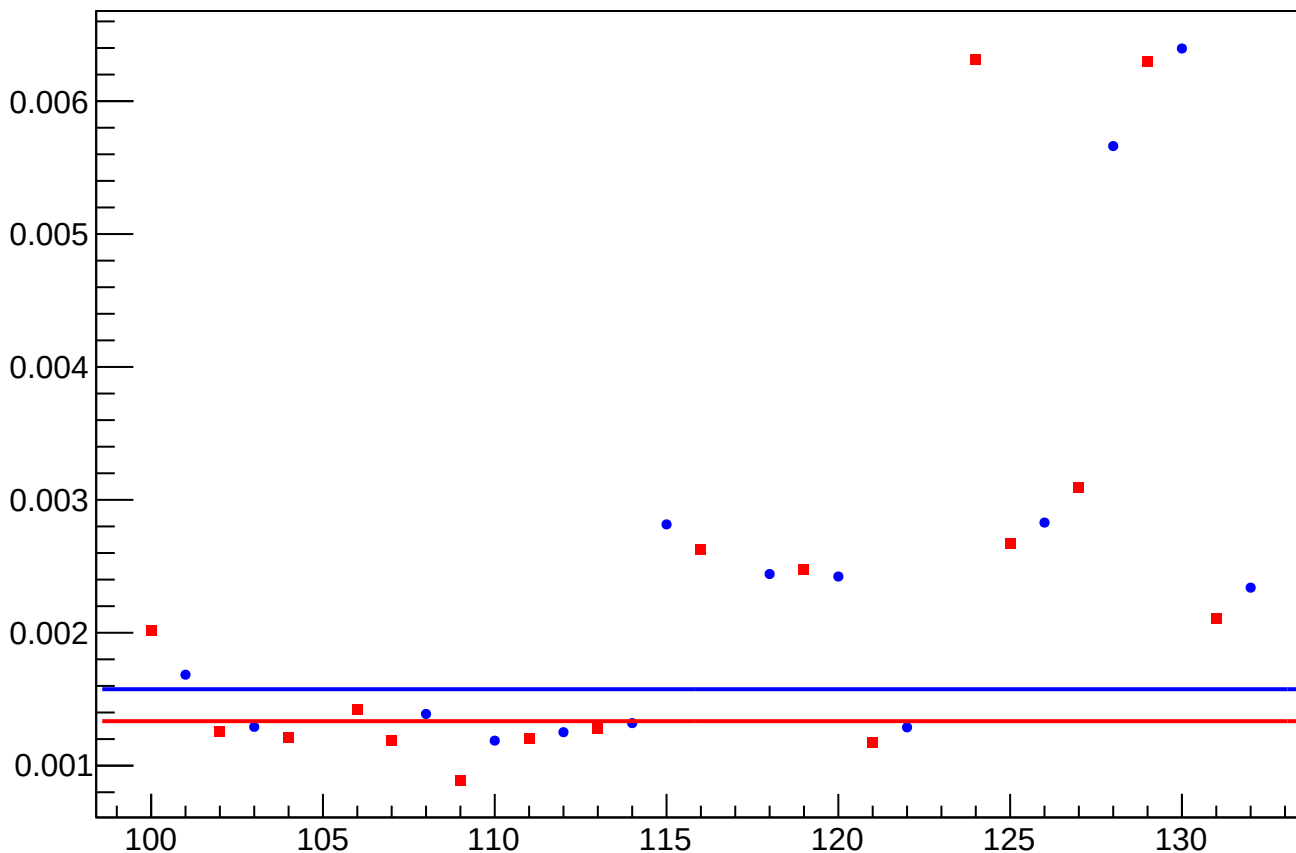
Right: 0.000+/-0.000 χ^2/NDF : 22.4/29

In: -0.000+/-0.000 χ^2/NDF : 10.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.4/29

asym_sam5_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1927965.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1912711.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

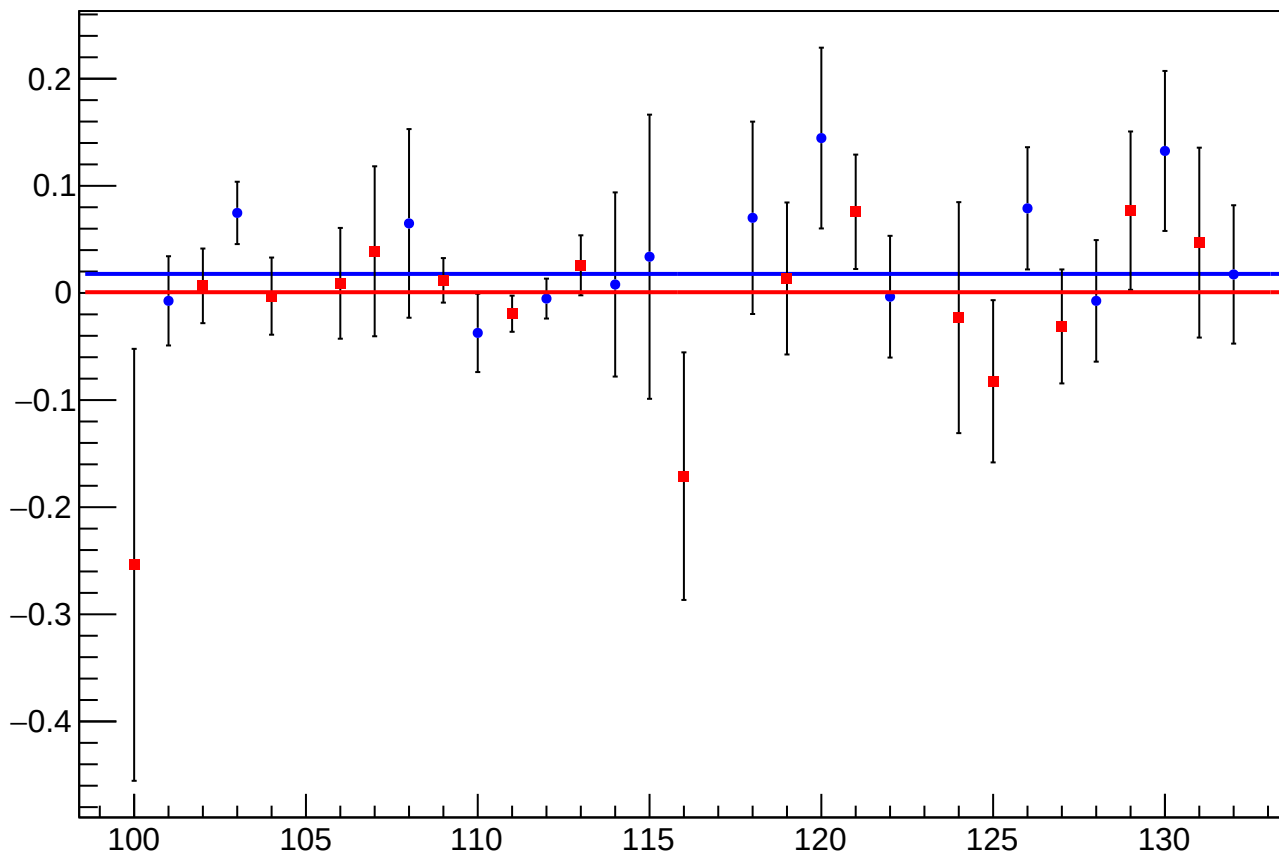
Right: 0.001+/-0.000 χ^2/NDF : 3975273.7/29

In: 0.002+/-0.000 χ^2/NDF : 1927965.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3975273.7/29

asym_sam5_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018 $\pm$ 0.012 χ^2 /NDF: 14.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.010 χ^2 /NDF: 11.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

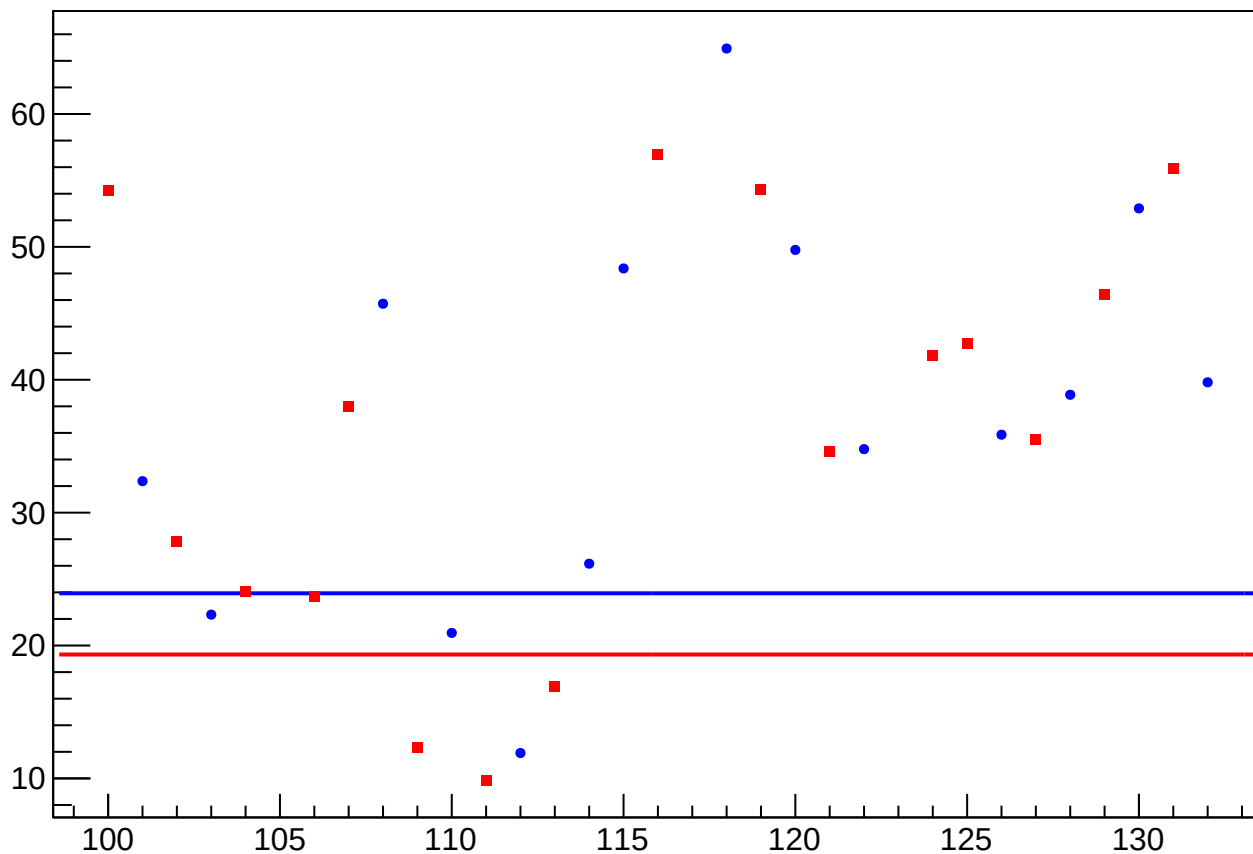
Right: 0.008 $\pm$ 0.007 χ^2 /NDF: 27.6/29

In: 0.018 $\pm$ 0.012 χ^2 /NDF:14.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.008 $\pm$ 0.007 χ^2 /NDF: 27.6/29

asym_sam5_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.930+/-0.008 χ^2/NDF : 2450816.3/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 19.325+/-0.007 χ^2/NDF : 3148517.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

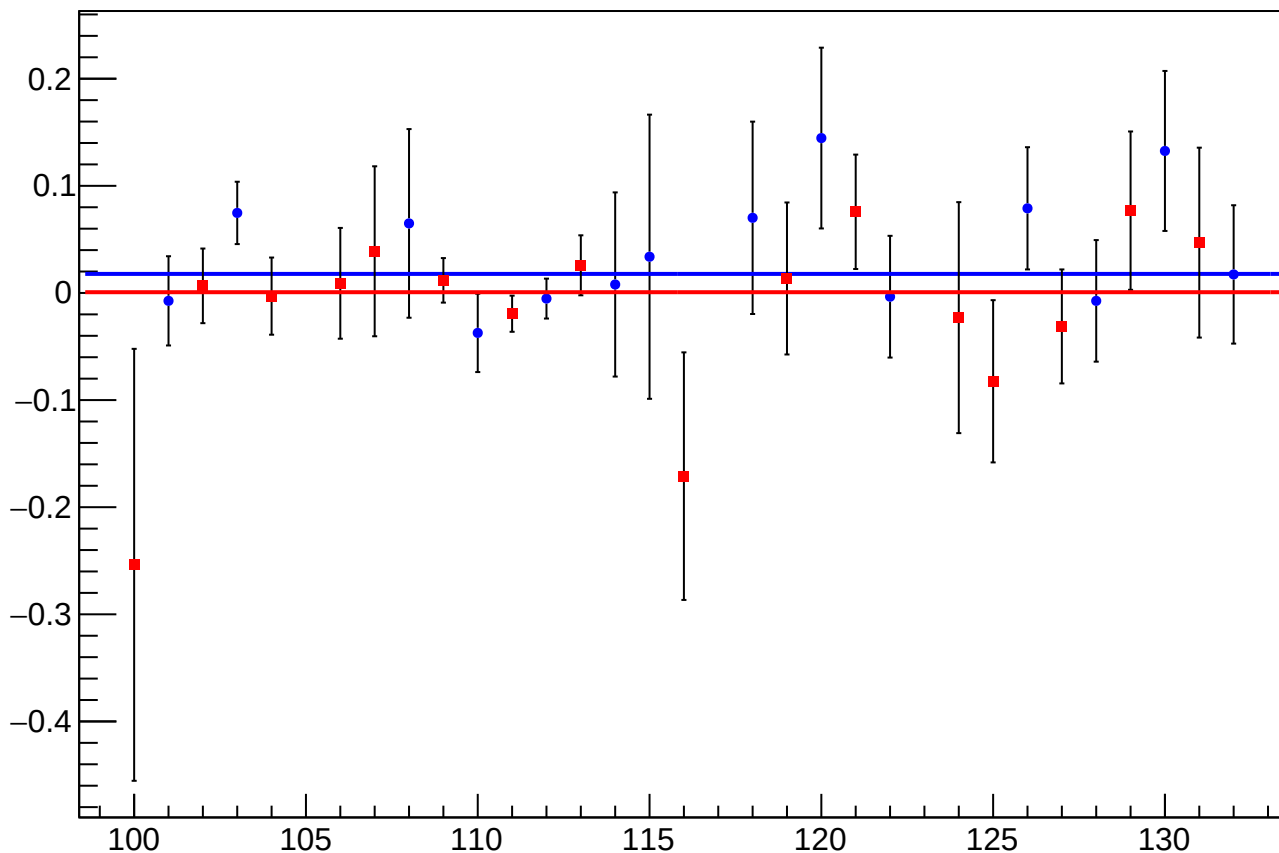
Right: 21.185+/-0.005 χ^2/NDF : 5784364.0/29

In: 23.930+/-0.008 χ^2/NDF :2450816.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 21.185+/-0.005 χ^2/NDF : 5784364.0/29

asym_sam5_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.012 χ^2/NDF : 14.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.010 χ^2/NDF : 11.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

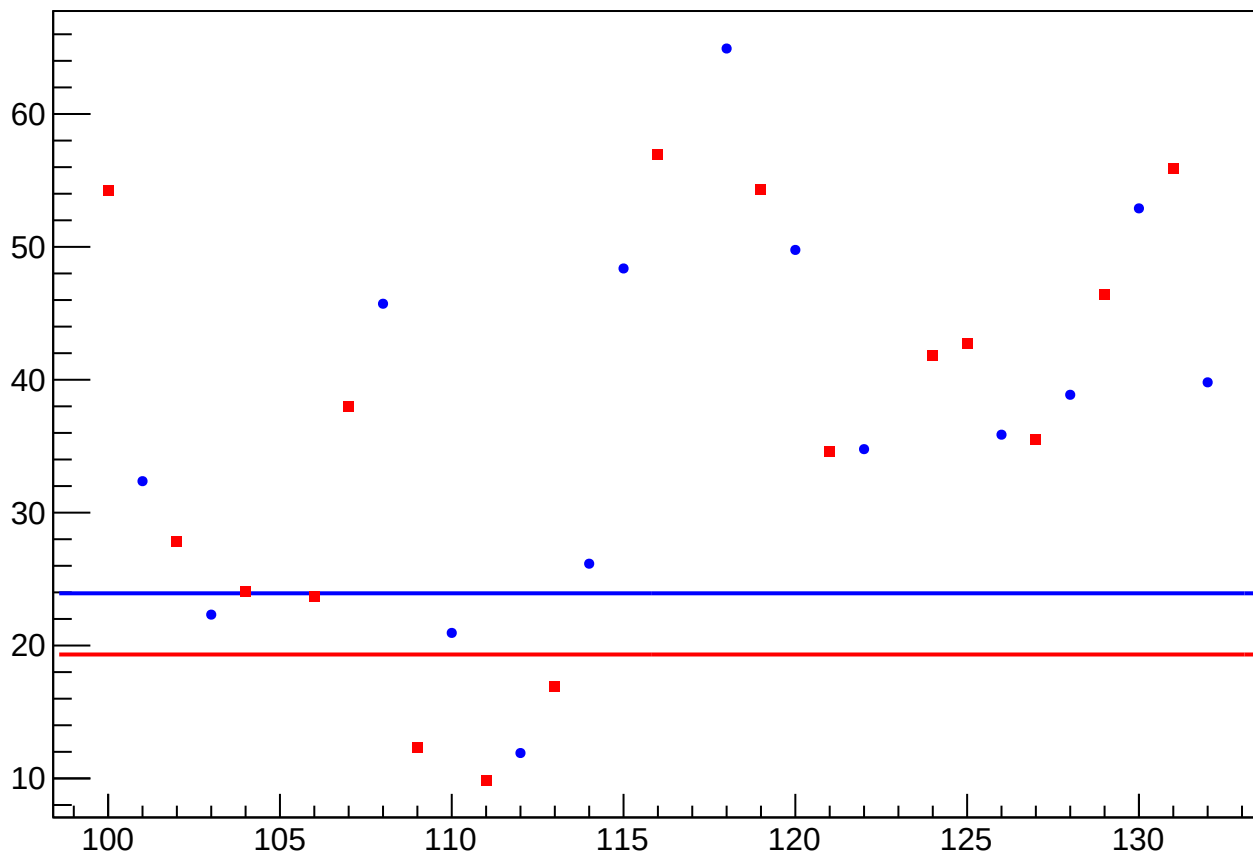
Right: 0.008+/-0.007 χ^2/NDF : 27.6/29

In: 0.018+/-0.012 χ^2/NDF : 14.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.007 χ^2/NDF : 27.6/29

asym_sam5_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.930+/-0.008 χ^2/NDF : 2450816.3/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 19.325+/-0.007 χ^2/NDF : 3148517.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

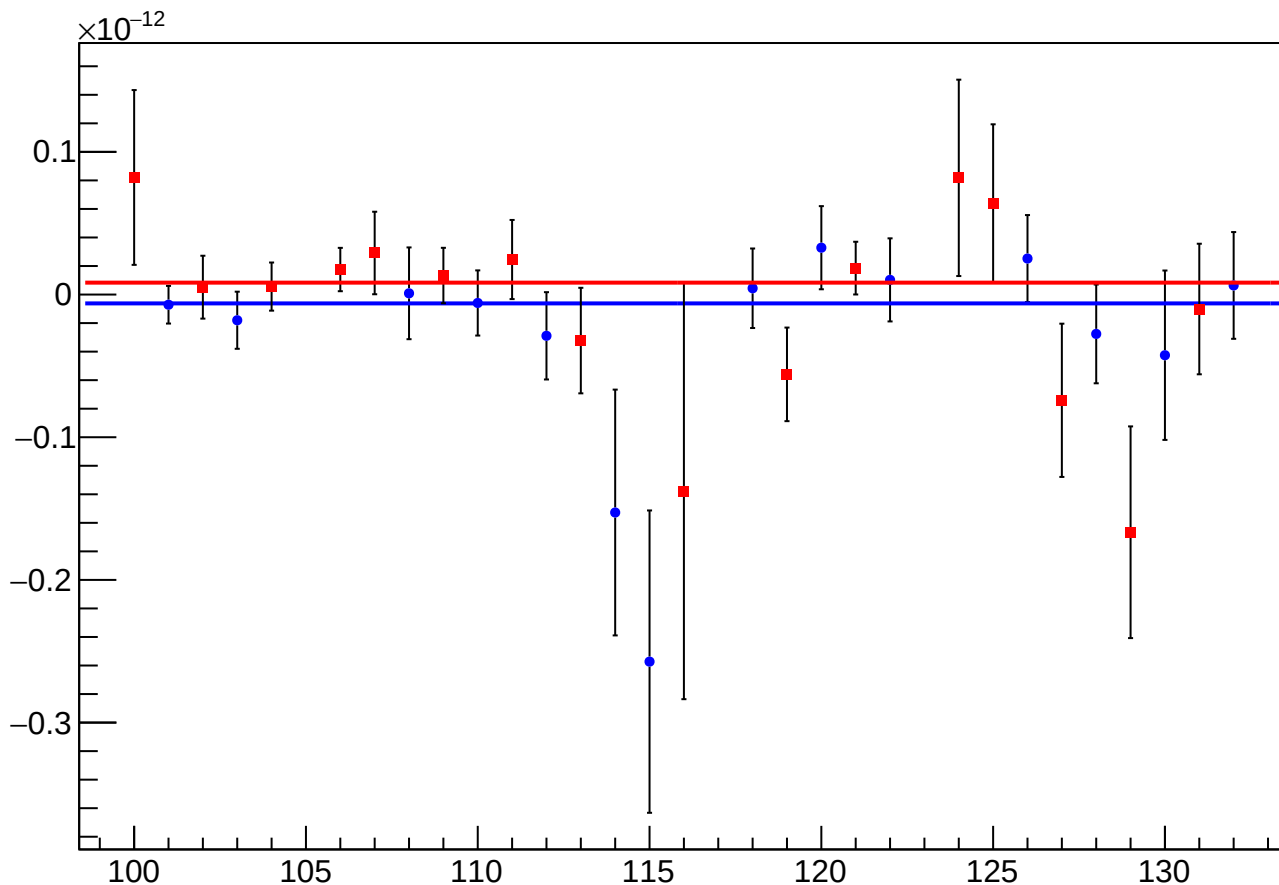
Right: 21.185+/-0.005 χ^2/NDF : 5784364.0/29

In: 23.930+/-0.008 χ^2/NDF :2450816.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 21.185+/-0.005 χ^2/NDF : 5784364.0/29

asym_sam5_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 19.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

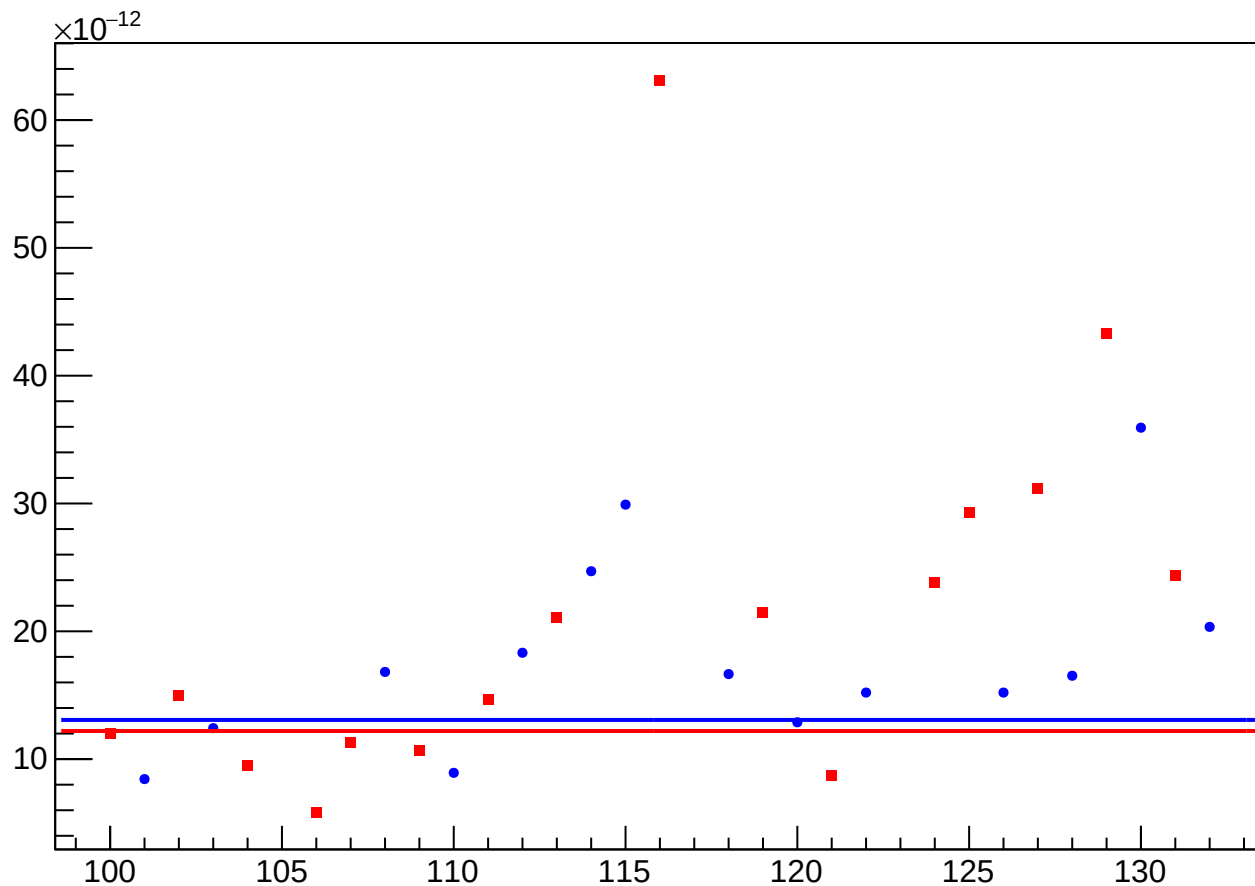
Right: 0.000+/-0.000 χ^2/NDF : 35.2/29

In: -0.000+/-0.000 χ^2/NDF : 13.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 35.2/29

asym_sam5_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 933557.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2044269.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

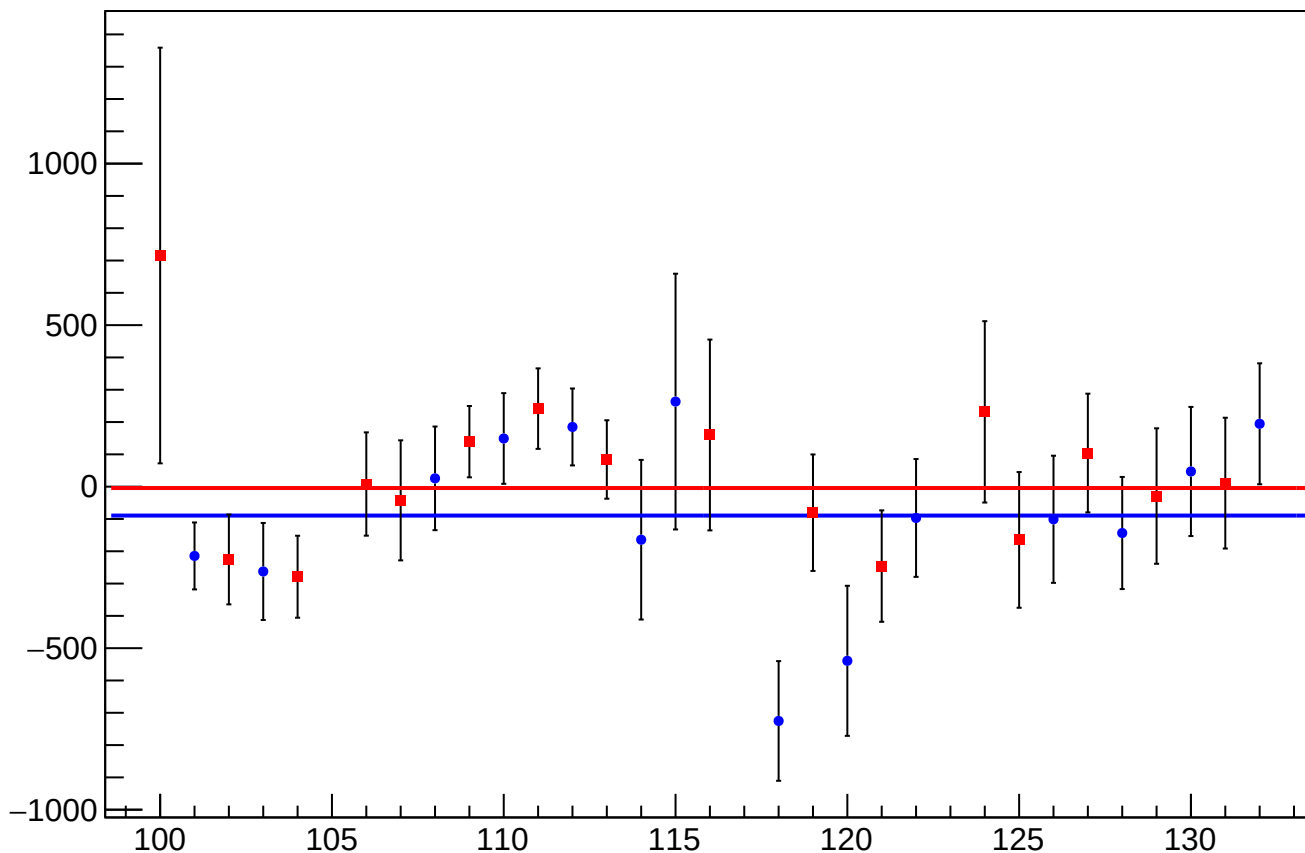
Right: 0.000+/-0.000 χ^2/NDF : 2992946.2/29

In: 0.000+/-0.000 χ^2/NDF : 933557.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2992946.2/29

reg_asym_sam6_mean vs Slug, Sign Corrected



Right In: -89.490 ± 44.244 χ^2/NDF : 30.8/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.238 ± 41.288 χ^2/NDF : 18.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

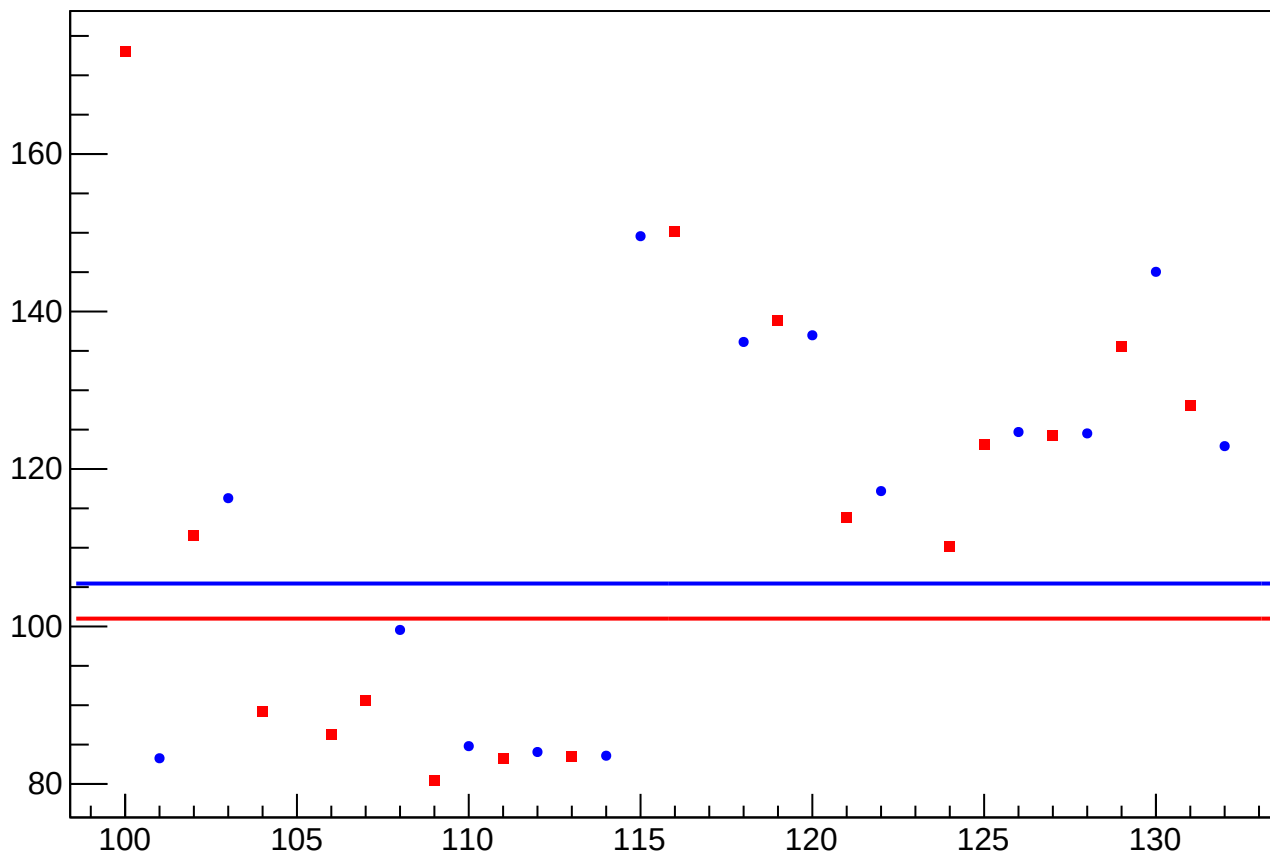
Right: -43.922 ± 30.186 χ^2/NDF : 51.5/29

In: -89.490 ± 44.244 χ^2/NDF : 30.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -43.922 ± 30.186 χ^2/NDF : 51.5/29

reg_asym_sam6_rms vs Slug, Sign Corrected



Right In: 105.454+/-0.031 χ^2/NDF : 492446.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.999+/-0.029 χ^2/NDF : 529531.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

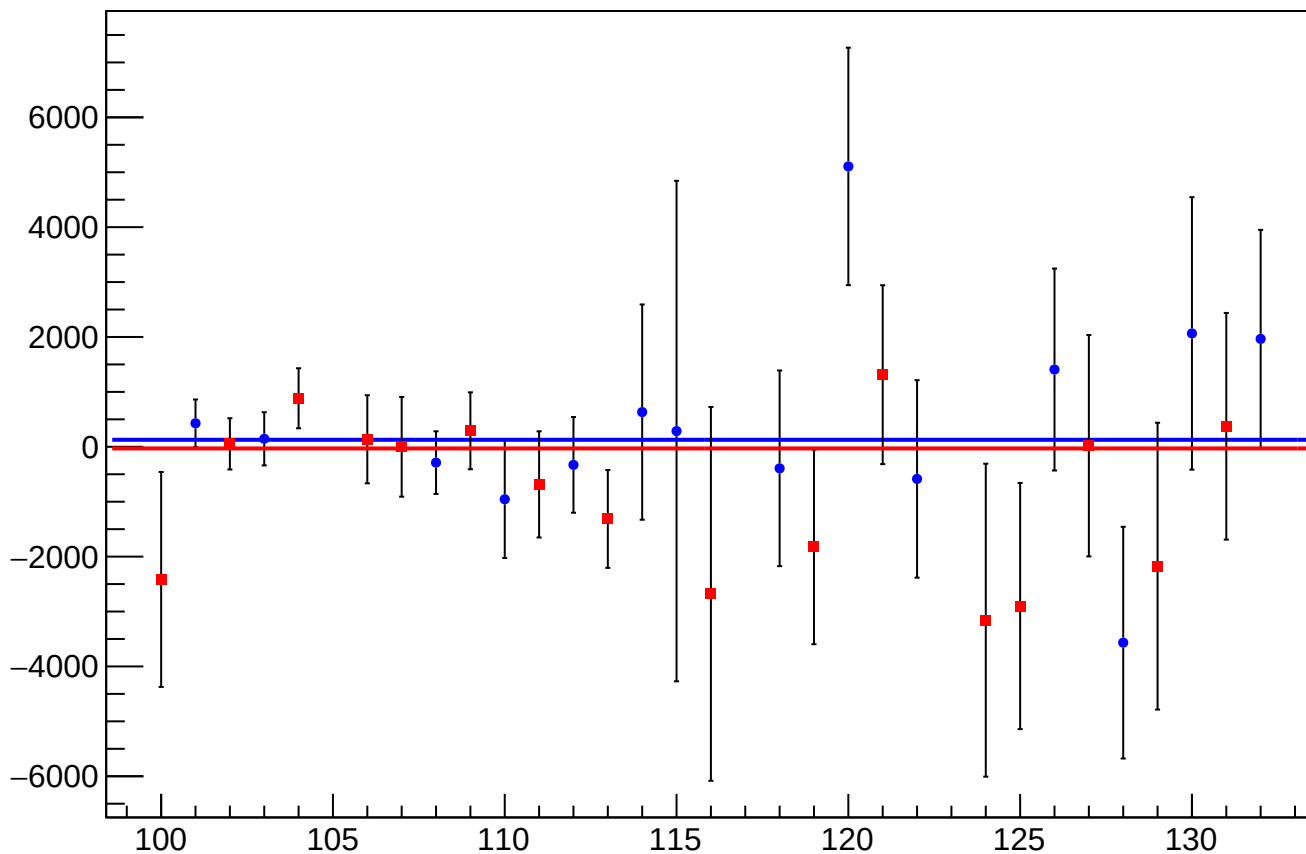
Right: 103.073+/-0.021 χ^2/NDF : 1032814.6/29

In: 105.454+/-0.031 χ^2/NDF : 492446.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.073+/-0.021 χ^2/NDF : 1032814.6/29

asym_sam6_reg_correction_mean vs Slug, Sign Corrected



Right In: 127.896 $\pm$ 242.997 χ^2 /NDF: 12.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -30.033 $\pm$ 242.088 χ^2 /NDF: 13.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

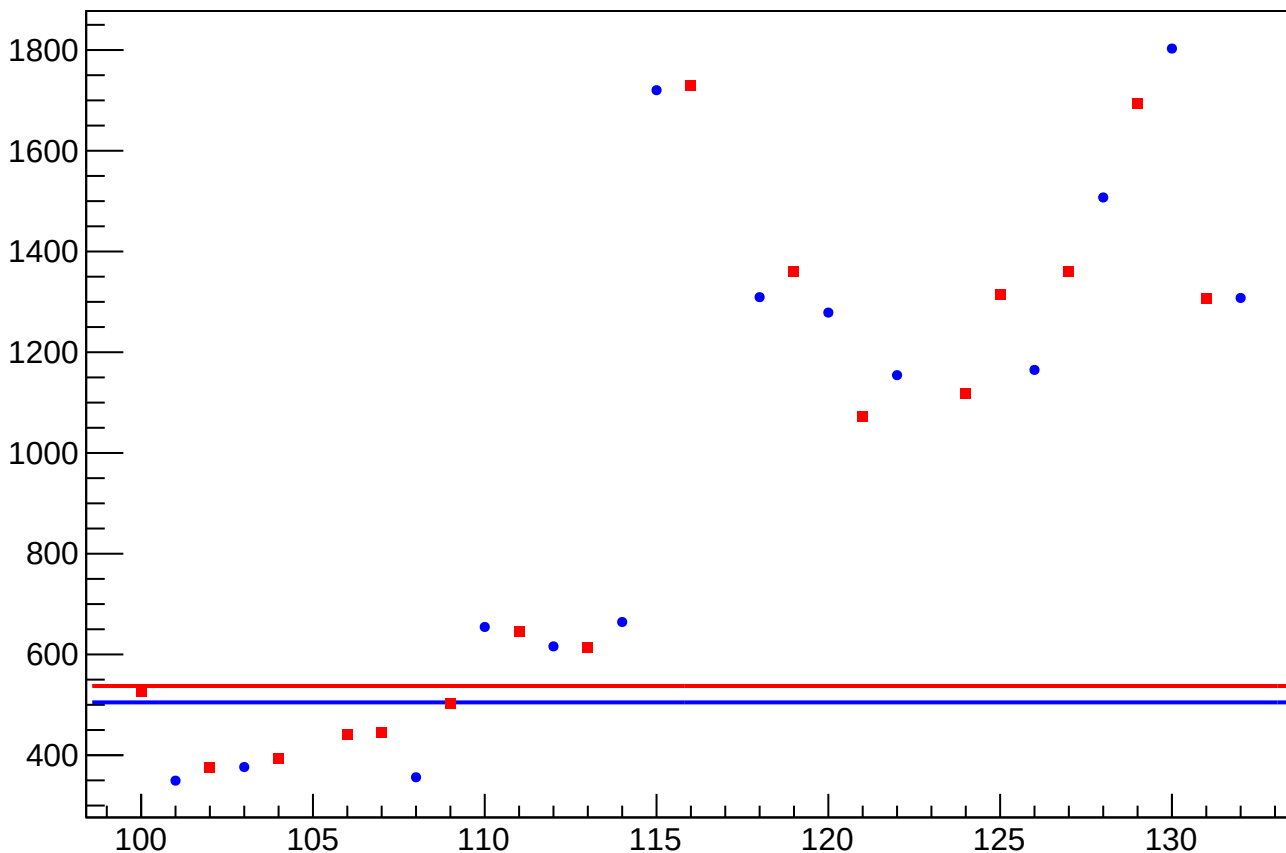
Right: 48.635 $\pm$ 171.503 χ^2 /NDF: 26.1/29

In: 127.896 $\pm$ 242.997 χ^2 /NDF: 12.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 48.635 $\pm$ 171.503 χ^2 /NDF: 26.1/29

asym_sam6_reg_correction_rms vs Slug, Sign Corrected



Right In: 504.830+/-0.172 χ^2/NDF : 3269030.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 537.358+/-0.171 χ^2/NDF : 2693831.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

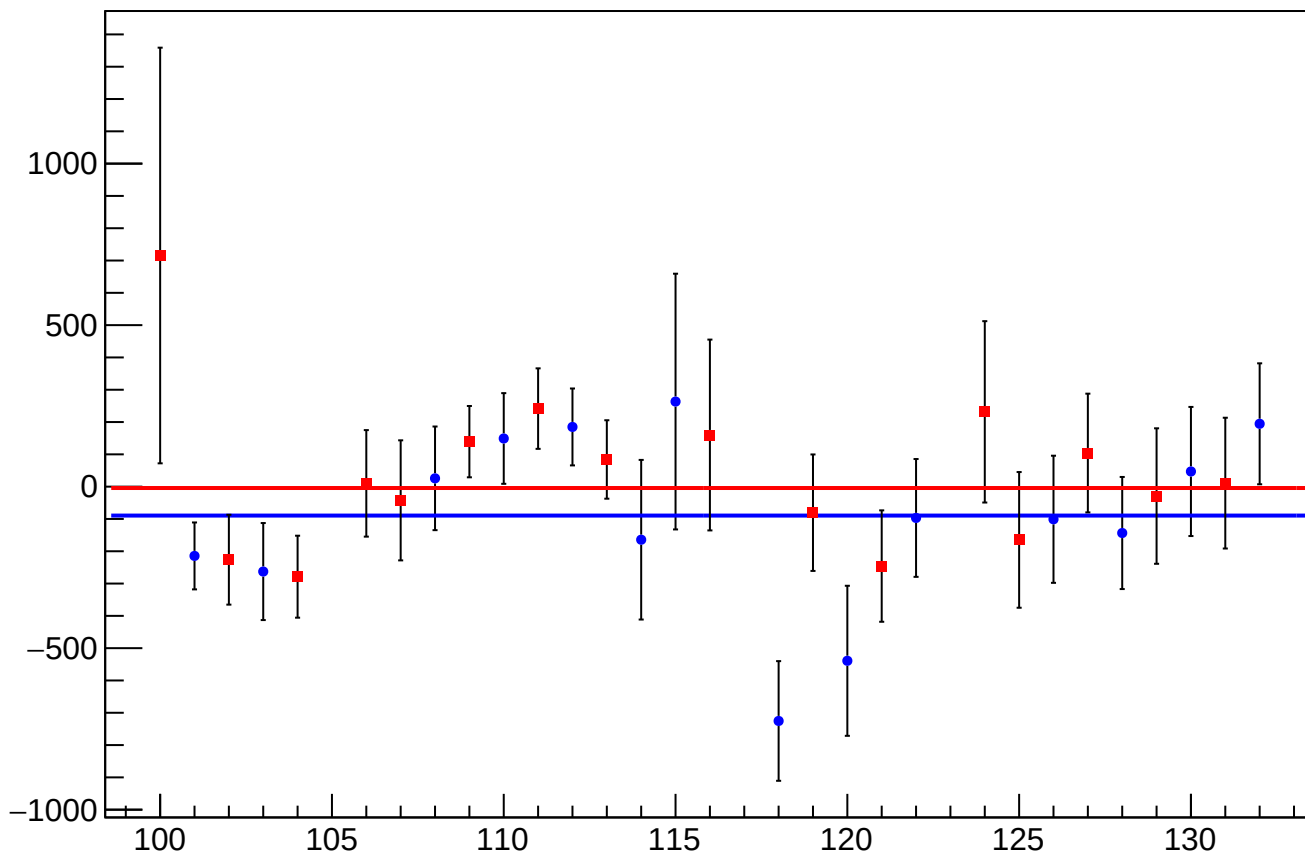
Right: 521.155+/-0.121 χ^2/NDF : 5980848.6/29

In: 504.830+/-0.172 χ^2/NDF : 3269030.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 521.155+/-0.121 χ^2/NDF : 5980848.6/29

cor_asym_sam6_mean vs Slug, Sign Corrected



Right In: -89.525 $\pm$ 44.244 χ^2 /NDF: 30.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4.213 $\pm$ 41.373 χ^2 /NDF: 18.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

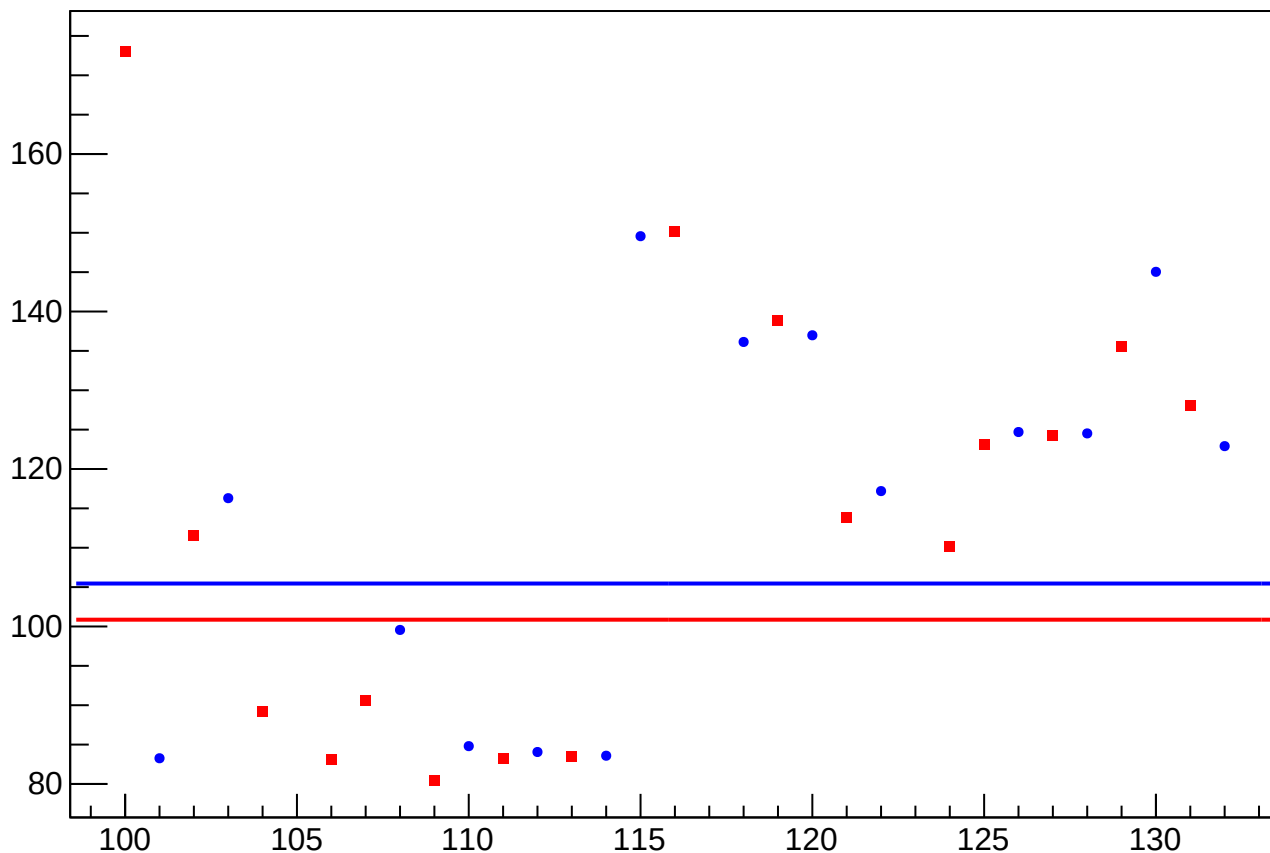
Right: -44.011 $\pm$ 30.219 χ^2 /NDF: 51.5/29

In: -89.525 $\pm$ 44.244 χ^2 /NDF: 30.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -44.011 $\pm$ 30.219 χ^2 /NDF: 51.5/29

cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 105.454+/-0.031 χ^2/NDF : 492448.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.863+/-0.029 χ^2/NDF : 536146.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

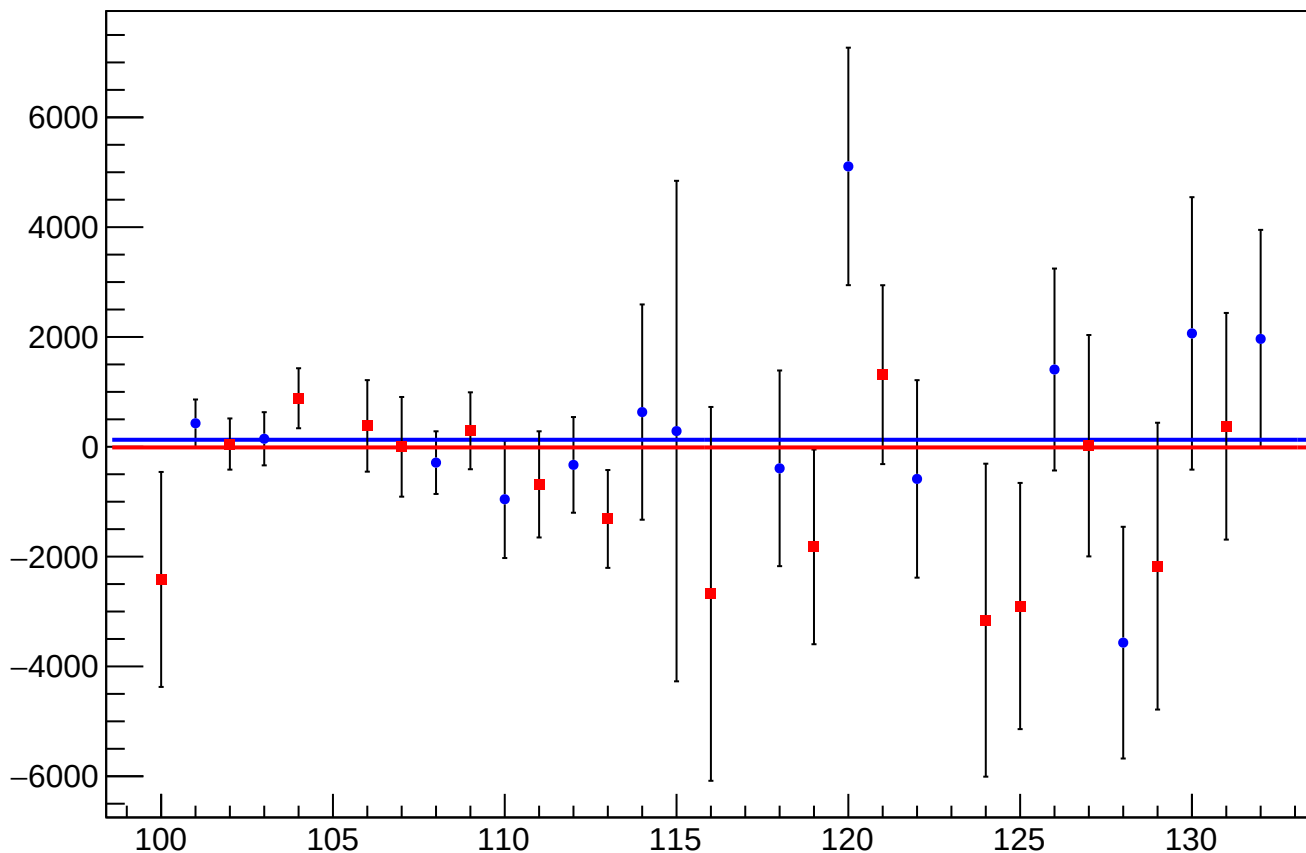
Right: 103.004+/-0.021 χ^2/NDF : 1040085.6/29

In: 105.454+/-0.031 χ^2/NDF : 492448.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.004+/-0.021 χ^2/NDF : 1040085.6/29

asym_sam6_cor_correction_mean vs Slug, Sign Corrected



Right In: 128.060 $\pm$ 242.989 χ^2 /NDF: 12.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -11.366 $\pm$ 242.799 χ^2 /NDF: 13.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

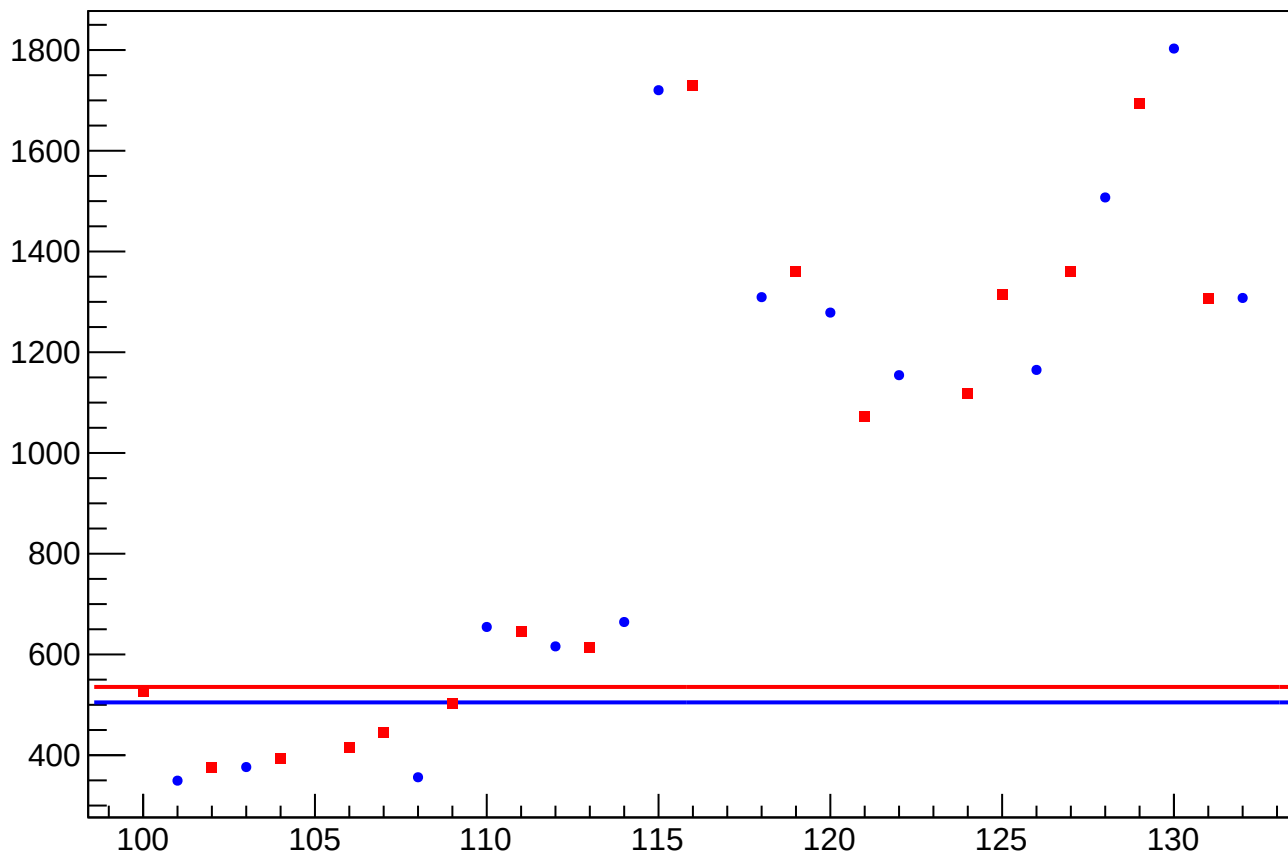
Right: 58.292 $\pm$ 171.752 χ^2 /NDF: 26.3/29

In: 128.060 $\pm$ 242.989 χ^2 /NDF:12.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 58.292 $\pm$ 171.752 χ^2 /NDF: 26.3/29

asym_sam6_cor_correction_rms vs Slug, Sign Corrected



Right In: 504.808+/-0.172 χ^2/NDF : 3269181.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 535.495+/-0.172 χ^2/NDF : 2710440.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

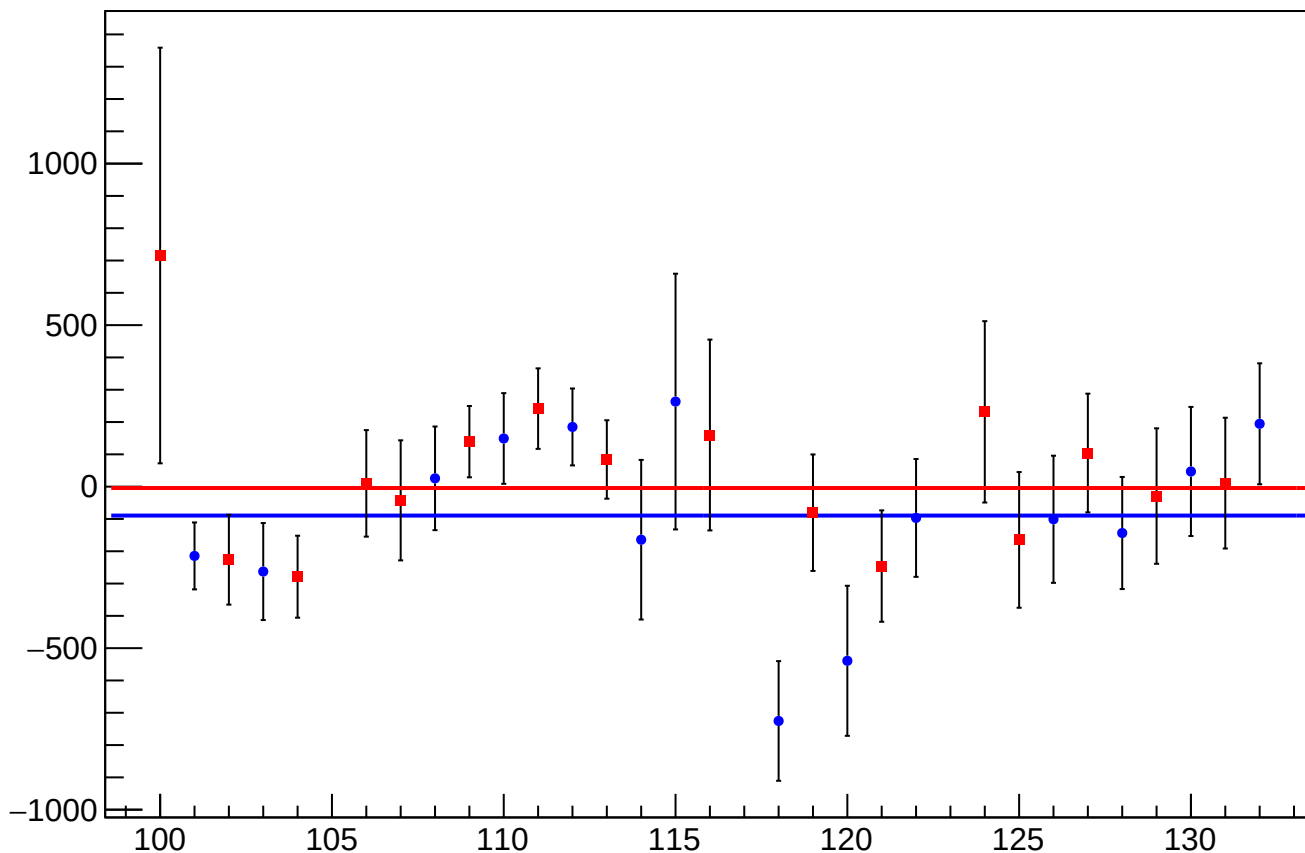
Right: 520.163+/-0.121 χ^2/NDF : 5995582.8/29

In: 504.808+/-0.172 χ^2/NDF : 3269181.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 520.163+/-0.121 χ^2/NDF : 5995582.8/29

eigen_cor_asym_sam6_mean vs Slug, Sign Corrected



Right In: -89.525+/-44.244 χ^2/NDF : 30.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.213+/-41.373 χ^2/NDF : 18.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

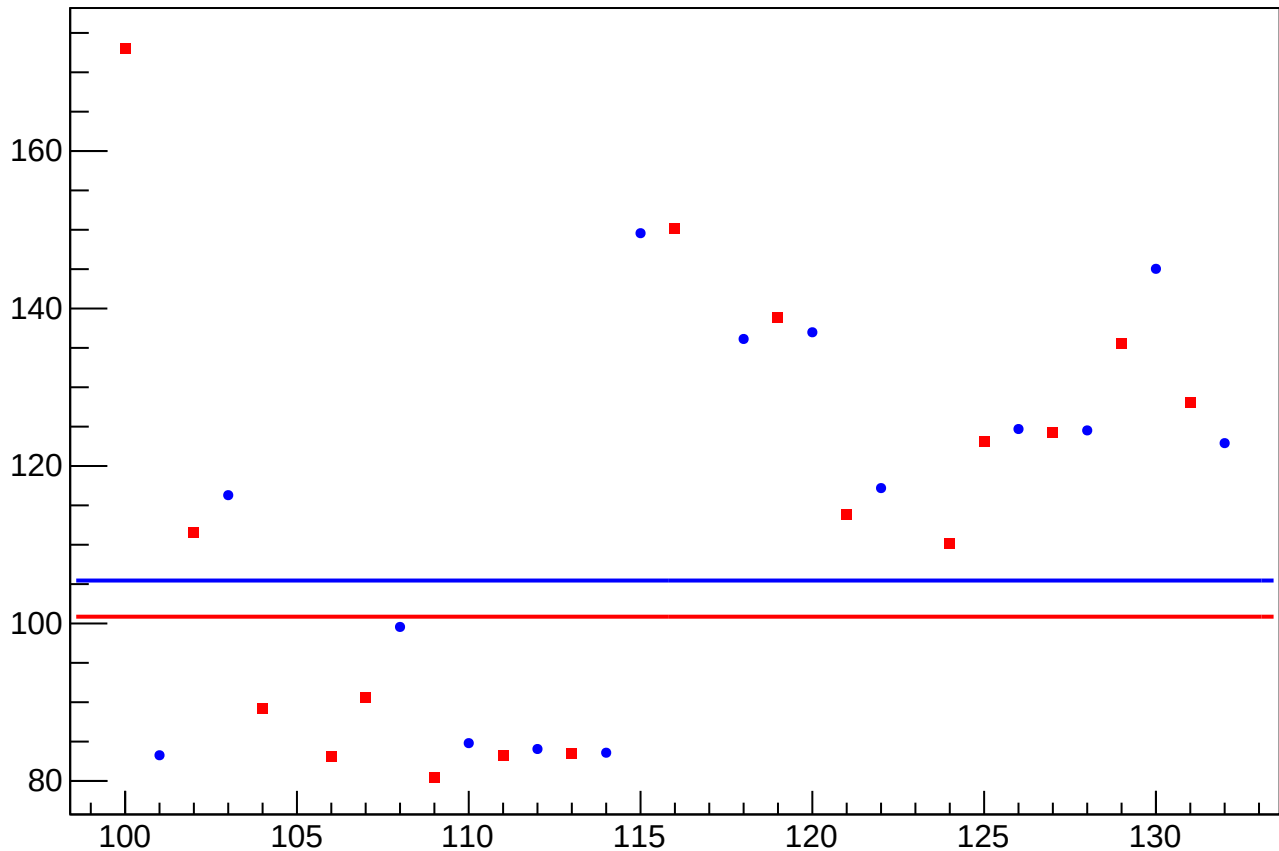
Right: -44.011+/-30.219 χ^2/NDF : 51.5/29

In: -89.525+/-44.244 χ^2/NDF : 30.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.011+/-30.219 χ^2/NDF : 51.5/29

eigen_cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 105.454+/-0.031 χ^2/NDF : 492448.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.863+/-0.029 χ^2/NDF : 536146.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

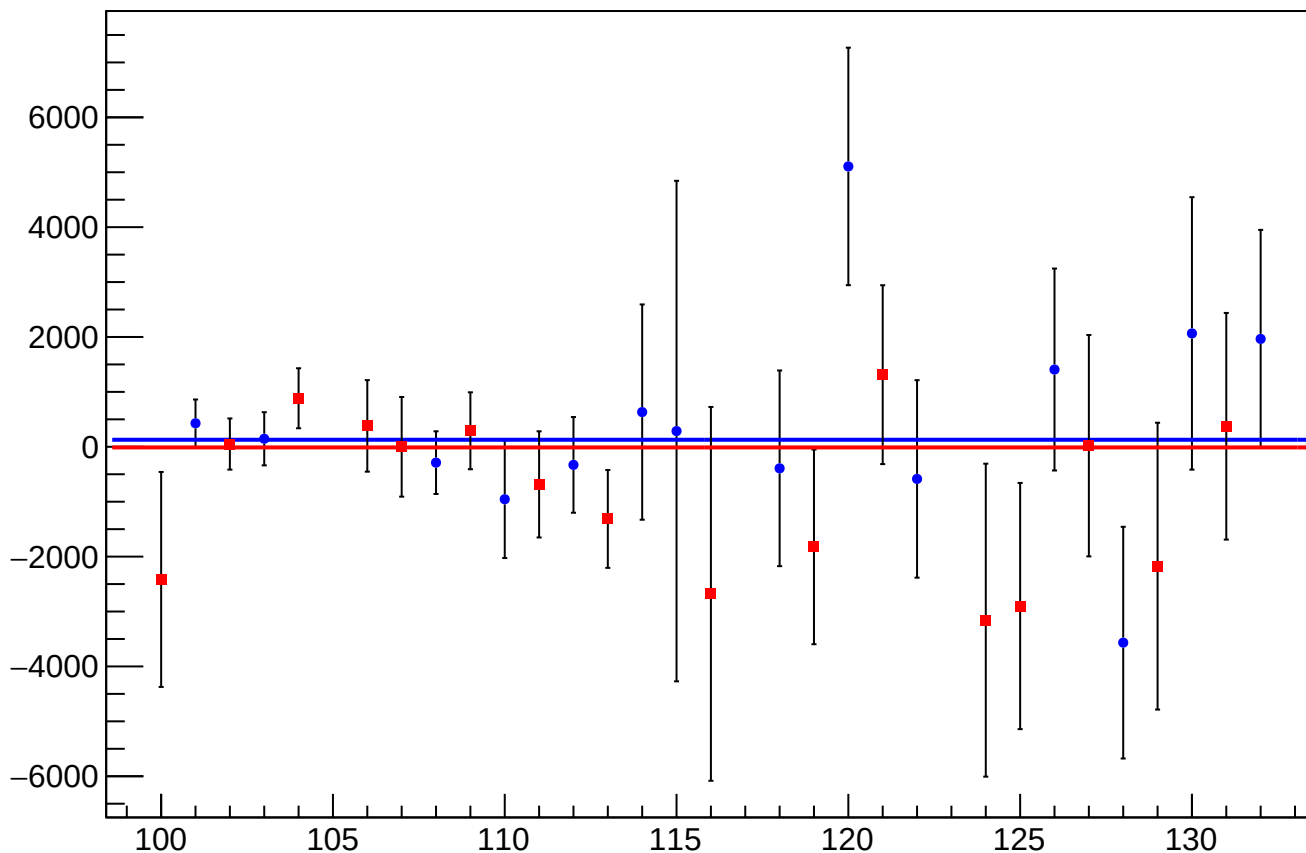
Right: 103.004+/-0.021 χ^2/NDF : 1040085.6/29

In: 105.454+/-0.031 χ^2/NDF : 492448.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.004+/-0.021 χ^2/NDF : 1040085.6/29

asym_sam6_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 128.060 $\pm$ 242.989 χ^2 /NDF: 12.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -11.366 $\pm$ 242.799 χ^2 /NDF: 13.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

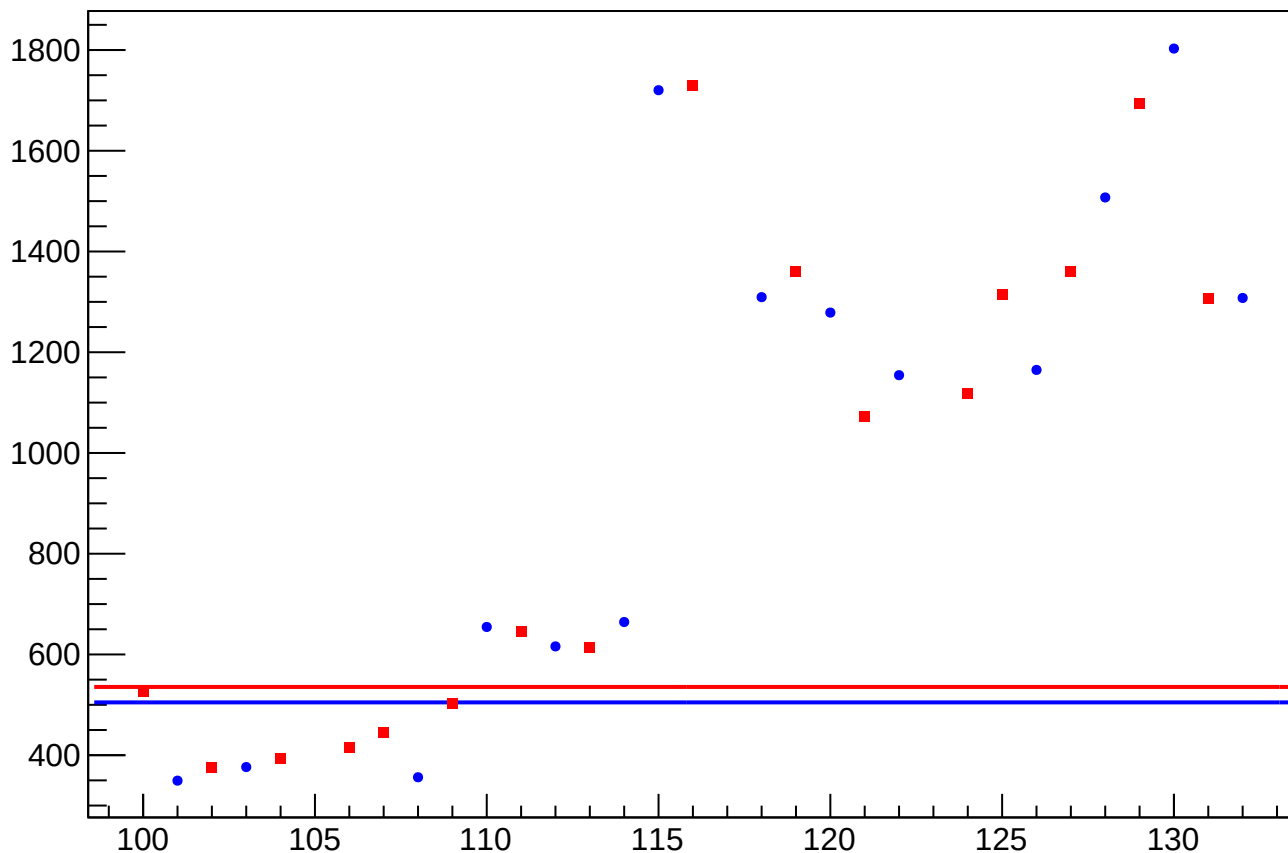
Right: 58.292 $\pm$ 171.752 χ^2 /NDF: 26.3/29

In: 128.060 $\pm$ 242.989 χ^2 /NDF:12.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 58.292 $\pm$ 171.752 χ^2 /NDF: 26.3/29

asym_sam6_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 504.808+/-0.172 χ^2/NDF : 3269181.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 535.495+/-0.172 χ^2/NDF : 2710440.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

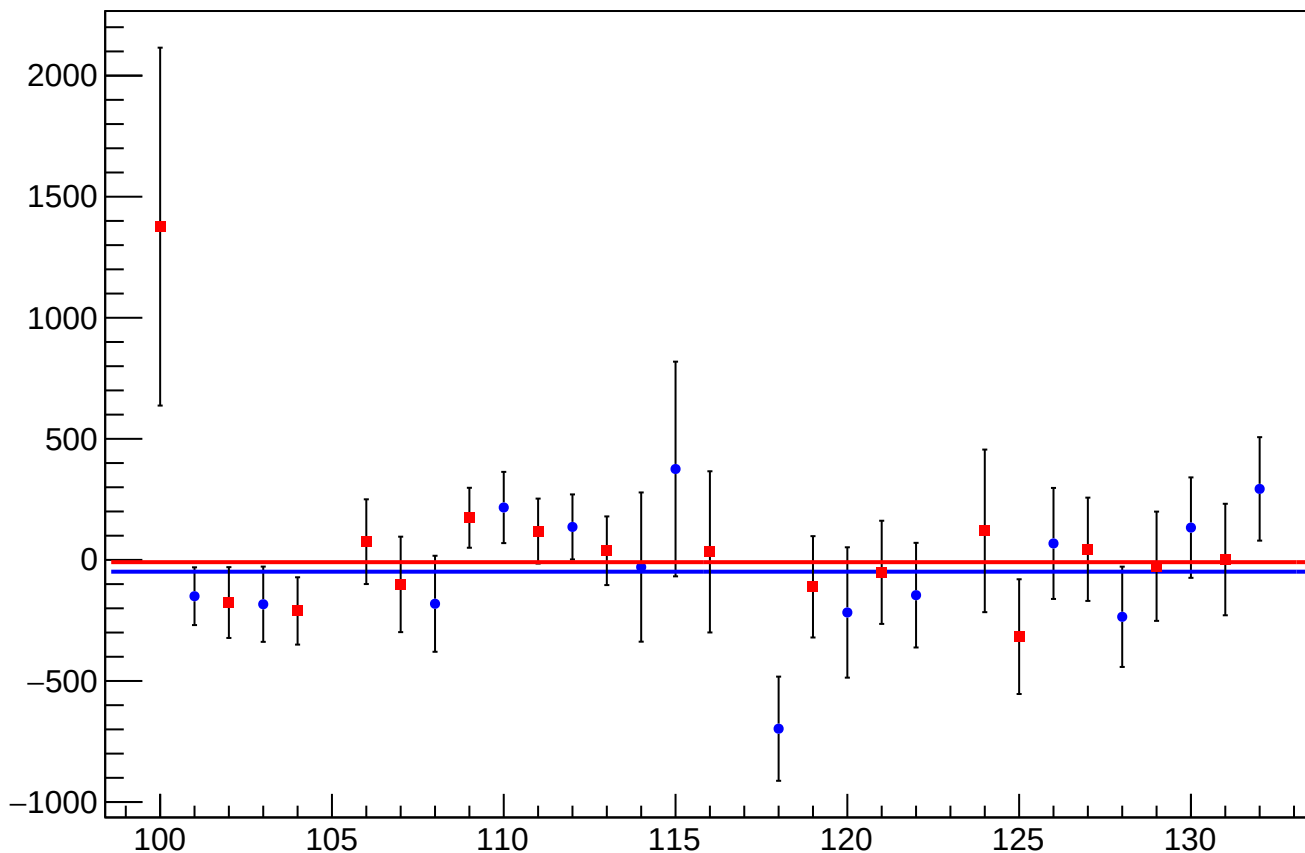
Right: 520.163+/-0.121 χ^2/NDF : 5995582.8/29

In: 504.808+/-0.172 χ^2/NDF : 3269181.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 520.163+/-0.121 χ^2/NDF : 5995582.8/29

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -48.680+/-50.078 χ^2/NDF : 22.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.321+/-46.110 χ^2/NDF : 12.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

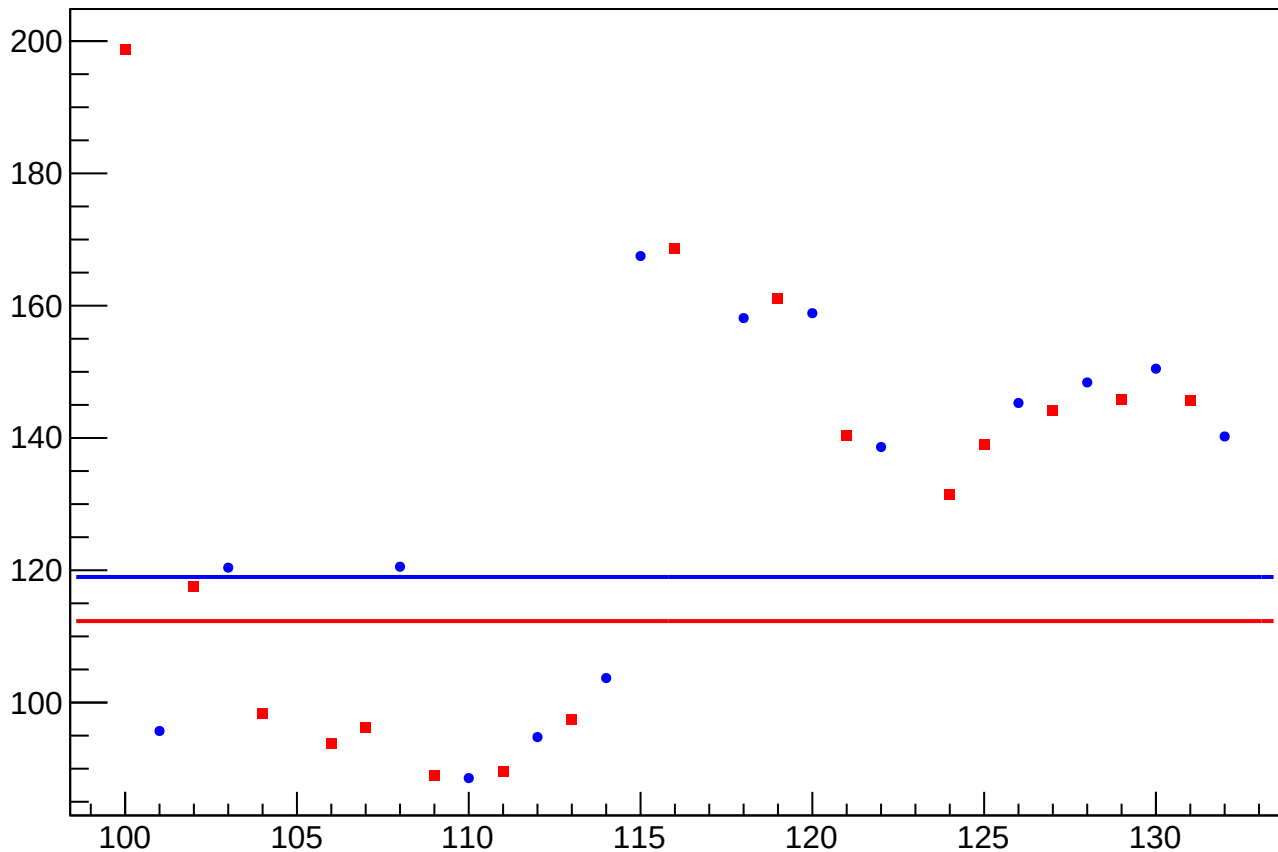
Right: -27.379+/-33.921 χ^2/NDF : 35.2/29

In: -48.680+/-50.078 χ^2/NDF : 22.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.379+/-33.921 χ^2/NDF : 35.2/29

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 118.986 ± 0.035 χ^2/NDF : 514989.9/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 112.319 ± 0.033 χ^2/NDF : 599691.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

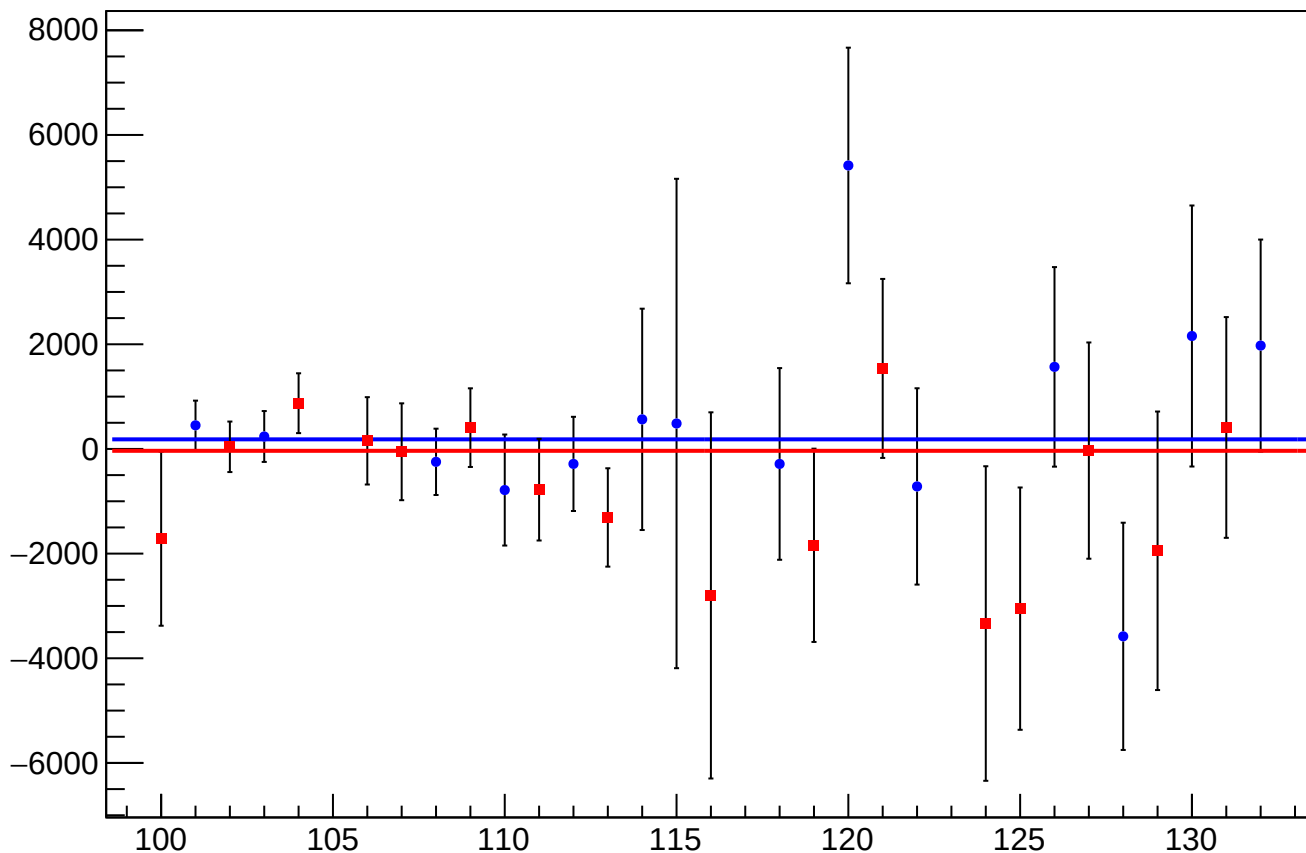
Right: 115.378 ± 0.024 χ^2/NDF : 1133863.7/29

In: 118.986 ± 0.035 χ^2/NDF : 514989.9/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 115.378 ± 0.024 χ^2/NDF : 1133863.7/29

asym_sam6_dit_correction_mean vs Slug, Sign Corrected



Right In: 183.360+/-255.777 χ^2/NDF : 12.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -35.846+/-250.820 χ^2/NDF : 12.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

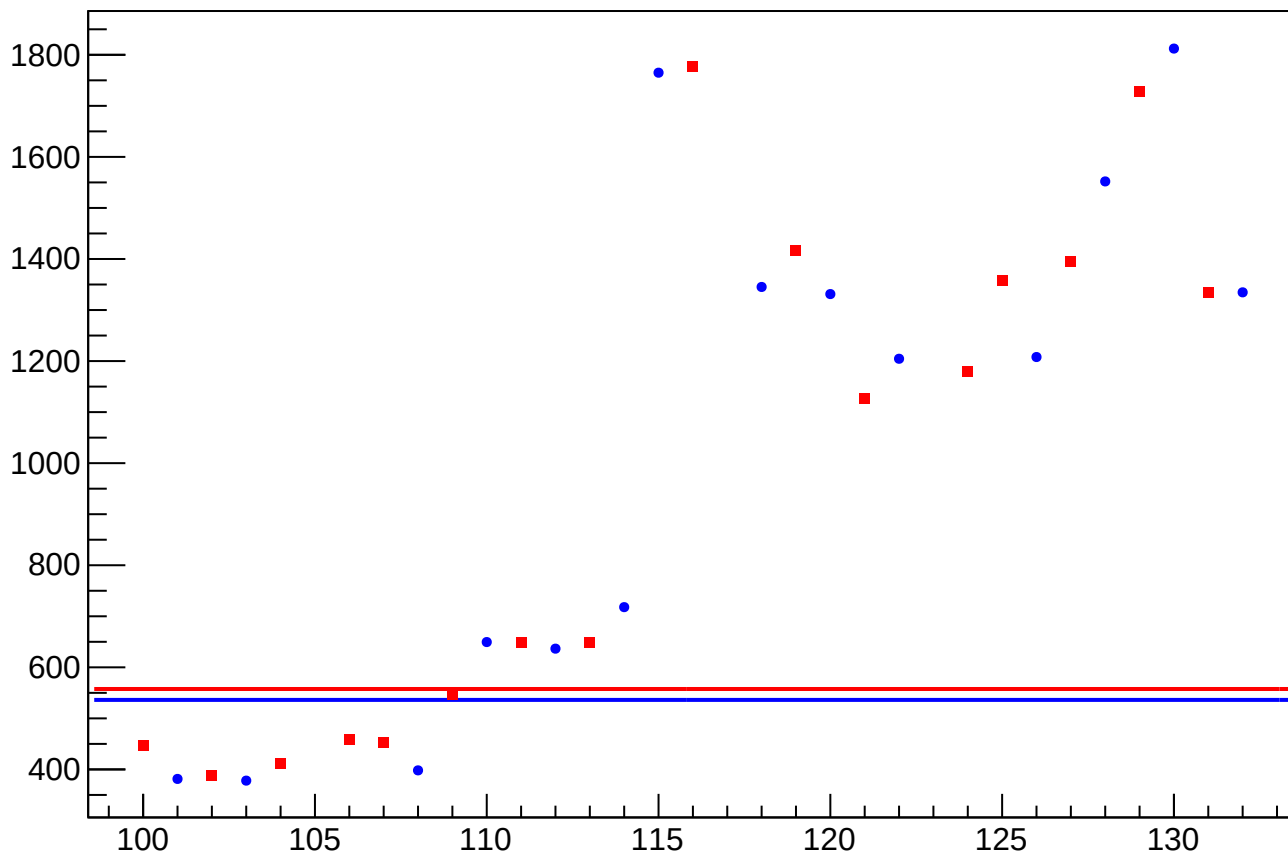
Right: 71.612+/-179.083 χ^2/NDF : 25.2/29

In: 183.360+/-255.777 χ^2/NDF : 12.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.612+/-179.083 χ^2/NDF : 25.2/29

asym_sam6_dit_correction_rms vs Slug, Sign Corrected



Right In: 536.189+/-0.181 χ^2/NDF : 3136698.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 557.572+/-0.177 χ^2/NDF : 2686602.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

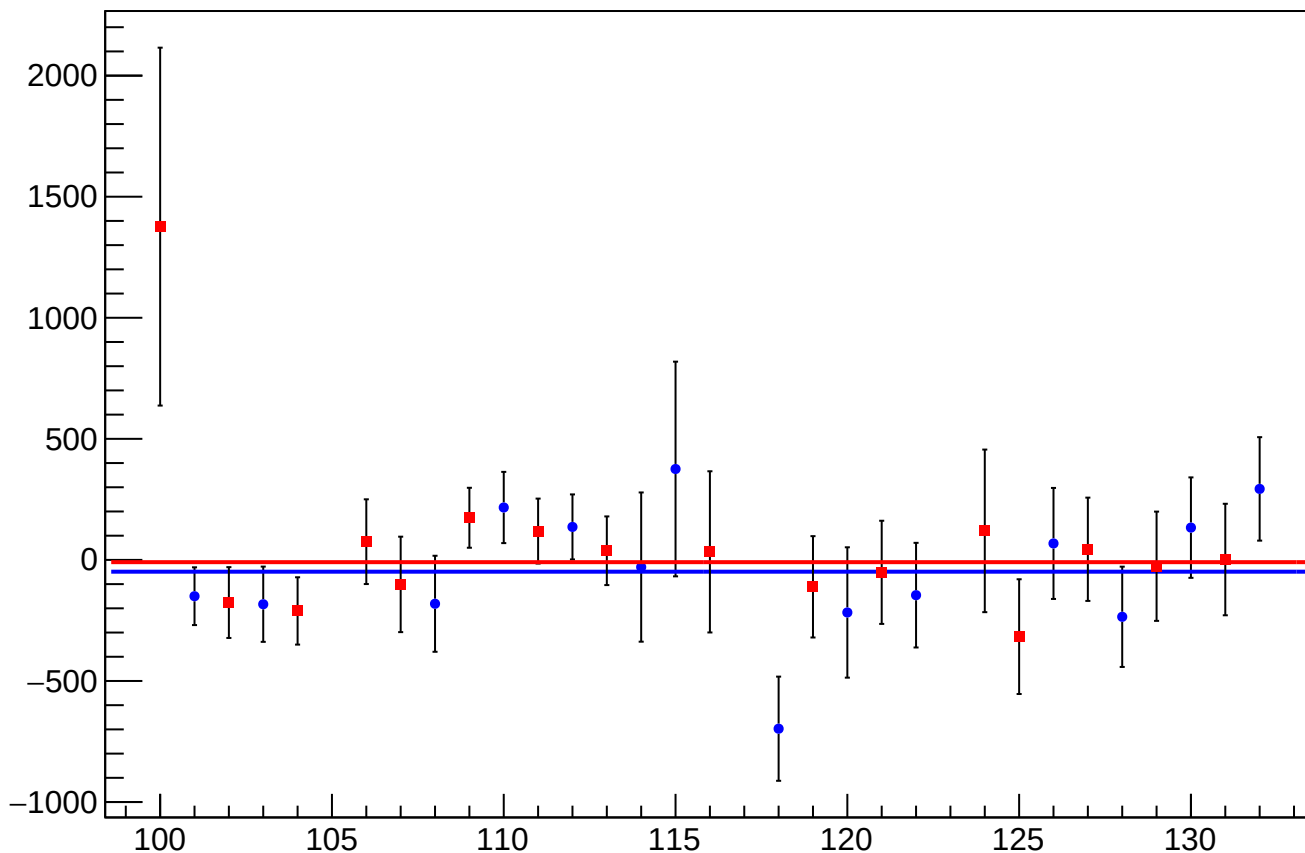
Right: 547.090+/-0.127 χ^2/NDF : 5830427.0/29

In: 536.189+/-0.181 χ^2/NDF :3136698.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 547.090+/-0.127 χ^2/NDF : 5830427.0/29

eigen_dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -48.681+/-50.078 χ^2/NDF : 22.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.319+/-46.110 χ^2/NDF : 12.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

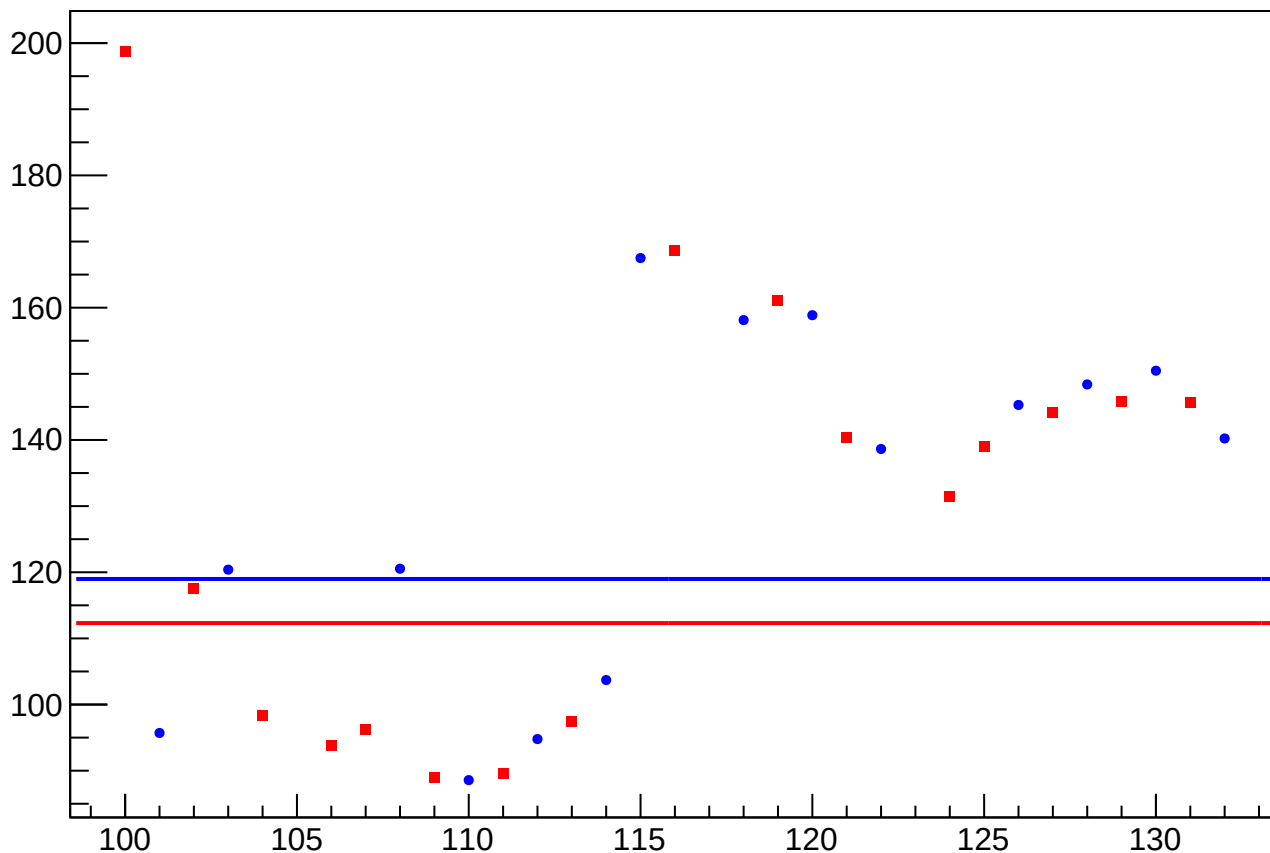
Right: -27.379+/-33.921 χ^2/NDF : 35.2/29

In: -48.681+/-50.078 χ^2/NDF : 22.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.379+/-33.921 χ^2/NDF : 35.2/29

eigen_dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 118.985+/-0.035 χ^2/NDF : 514992.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.319+/-0.033 χ^2/NDF : 599690.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

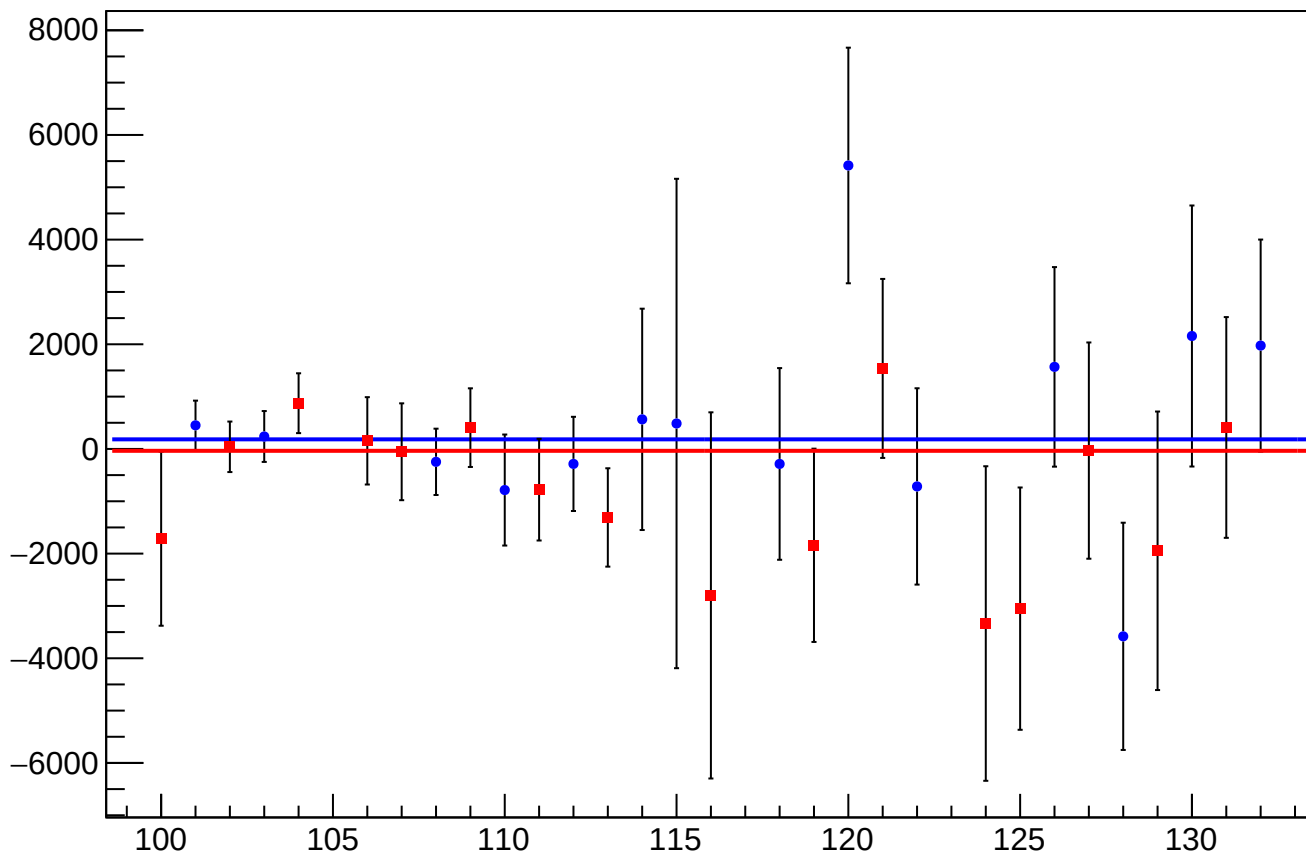
Right: 115.377+/-0.024 χ^2/NDF : 1133865.4/29

In: 118.985+/-0.035 χ^2/NDF : 514992.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.377+/-0.024 χ^2/NDF : 1133865.4/29

asym_sam6_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 183.359+/-255.776 χ^2/NDF : 12.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -35.845+/-250.819 χ^2/NDF : 12.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

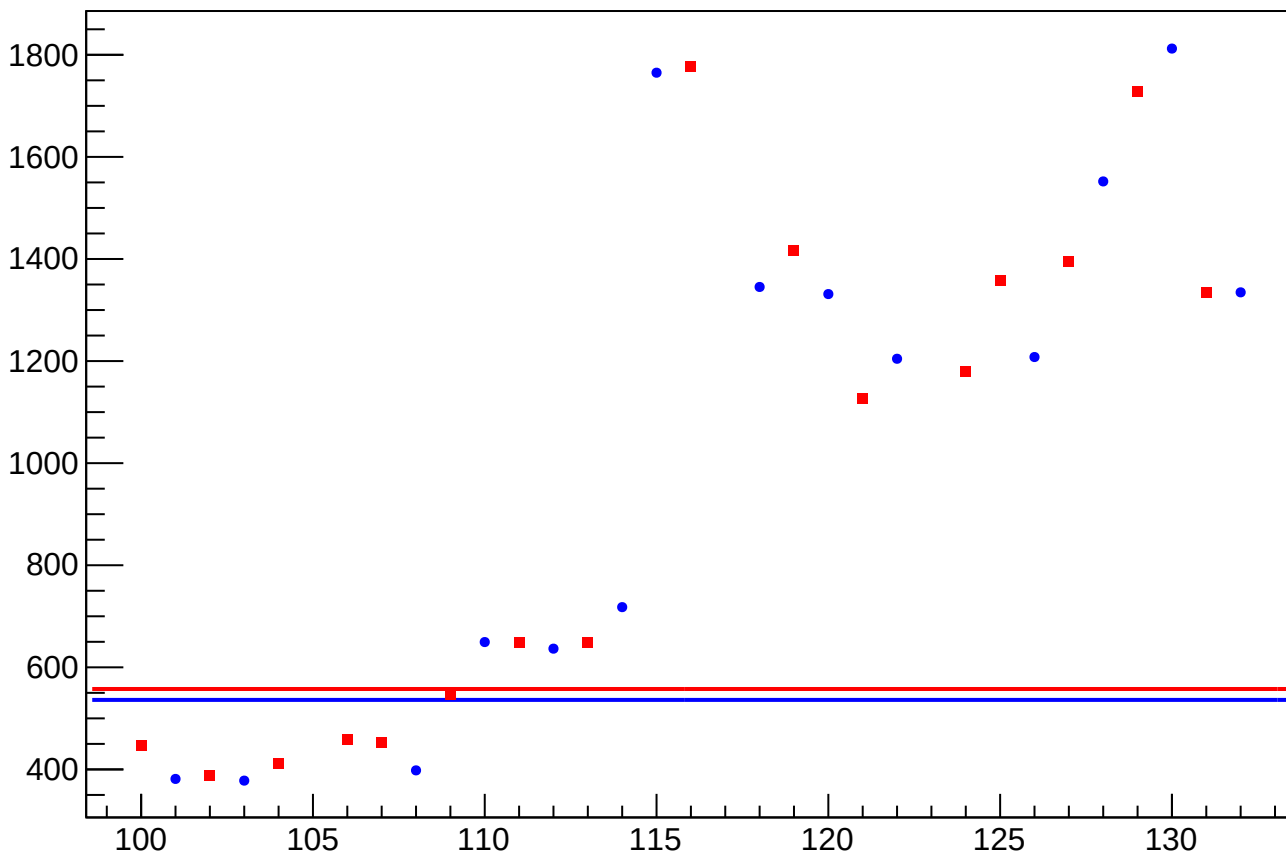
Right: 71.613+/-179.083 χ^2/NDF : 25.2/29

In: 183.359+/-255.776 χ^2/NDF : 12.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.613+/-179.083 χ^2/NDF : 25.2/29

asym_sam6_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 536.189+/-0.181 χ^2/NDF : 3136702.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 557.572+/-0.177 χ^2/NDF : 2686603.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

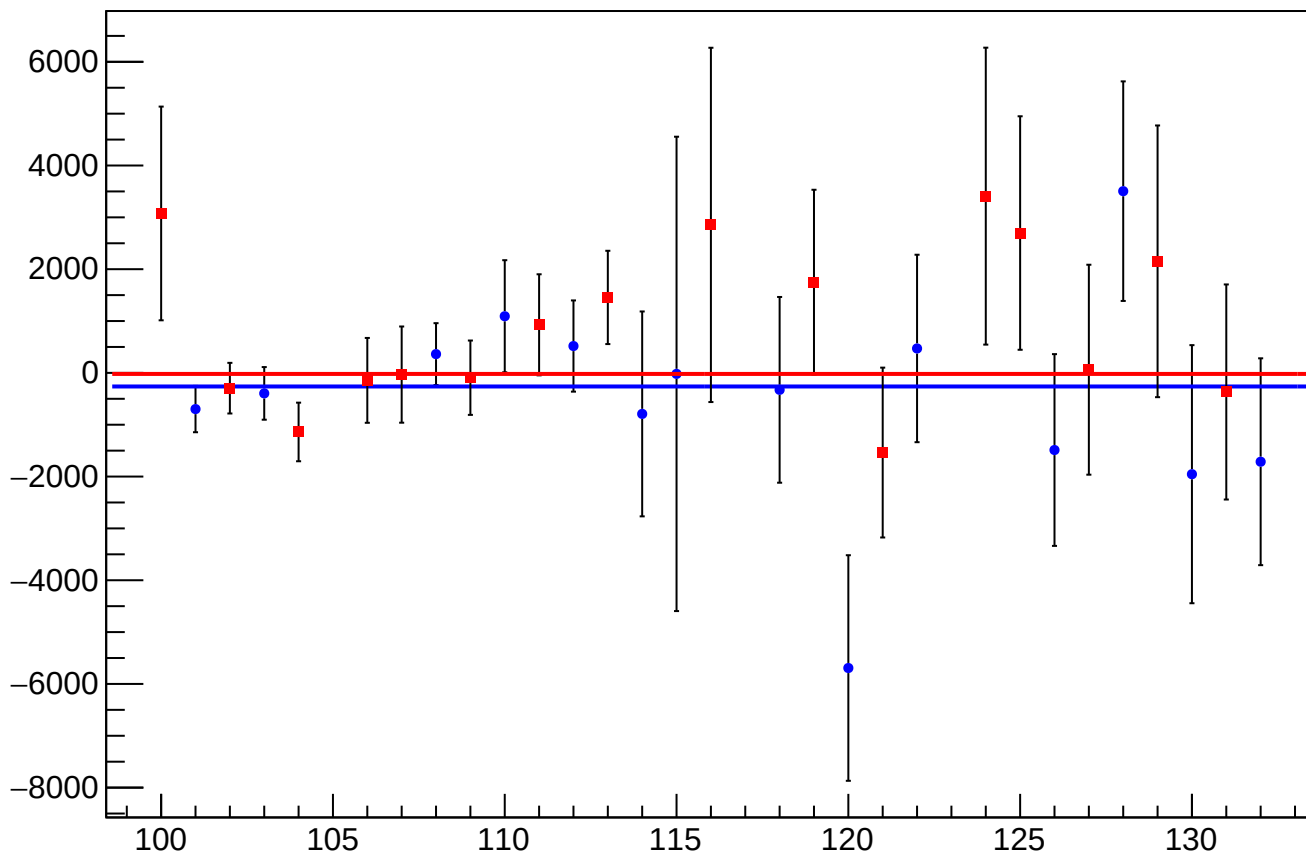
Right: 547.089+/-0.127 χ^2/NDF : 5830431.1/29

In: 536.189+/-0.181 χ^2/NDF :3136702.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 547.089+/-0.127 χ^2/NDF : 5830431.1/29

asym_sam6_mean vs Slug, Sign Corrected



Right In: -262.350+/-250.724 χ^2/NDF : 15.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.341+/-248.769 χ^2/NDF : 16.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

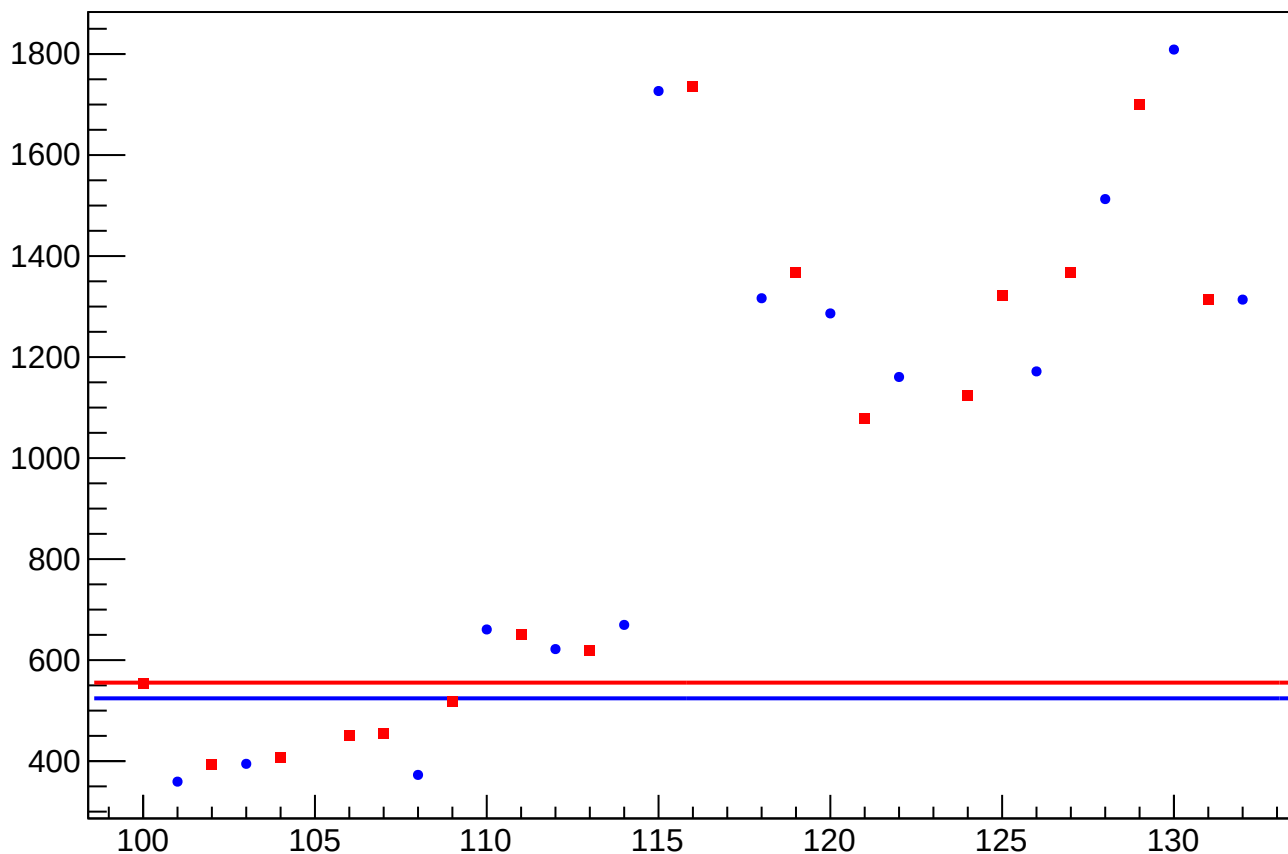
Right: -140.398+/-176.593 χ^2/NDF : 32.3/29

In: -262.350+/-250.724 χ^2/NDF : 15.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -140.398+/-176.593 χ^2/NDF : 32.3/29

asym_sam6_rms vs Slug, Sign Corrected



Right In: 524.329+/-0.177 χ^2/NDF : 3148412.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 555.414+/-0.176 χ^2/NDF : 2589340.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

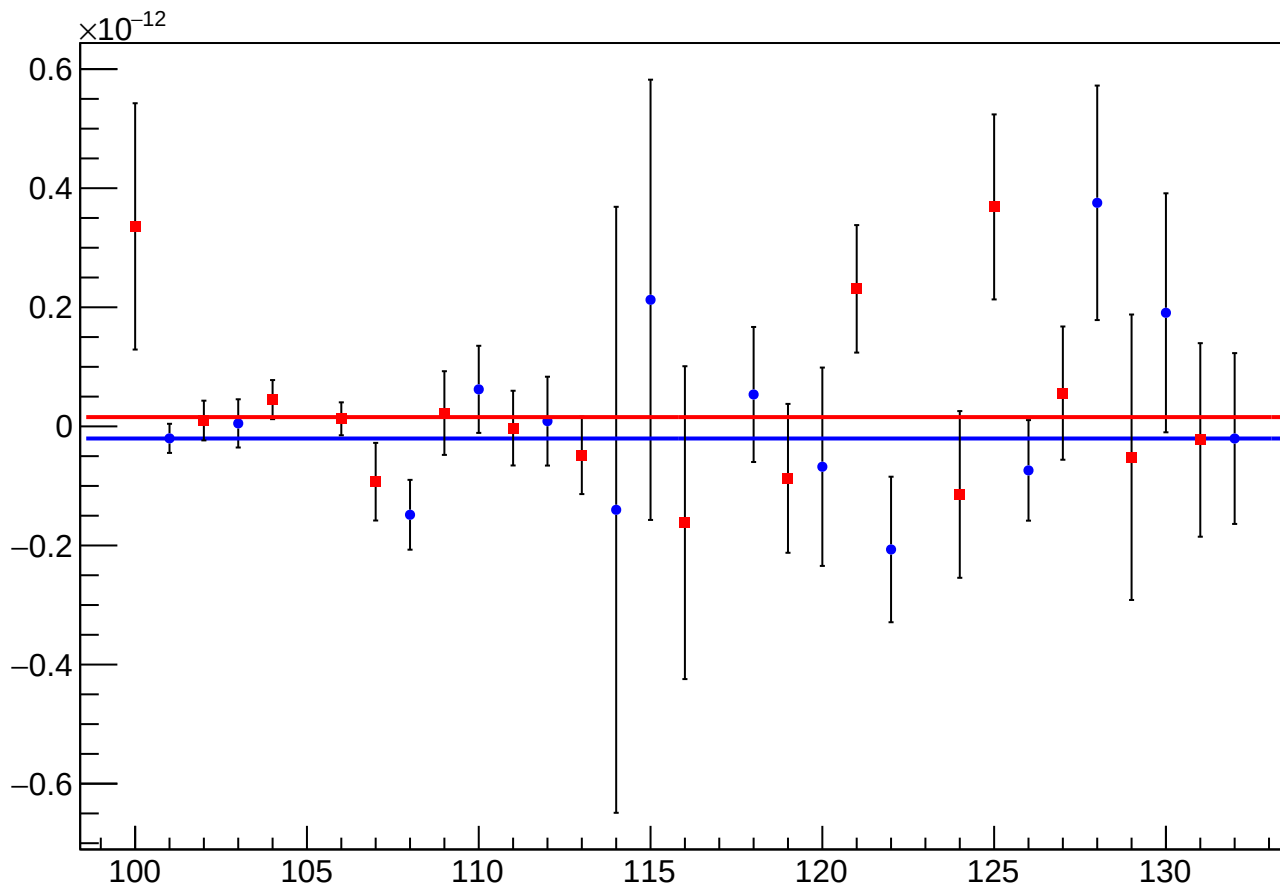
Right: 539.994+/-0.125 χ^2/NDF : 5753244.6/29

In: 524.329+/-0.177 χ^2/NDF :3148412.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 539.994+/-0.125 χ^2/NDF : 5753244.6/29

asym_sam6_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 18.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

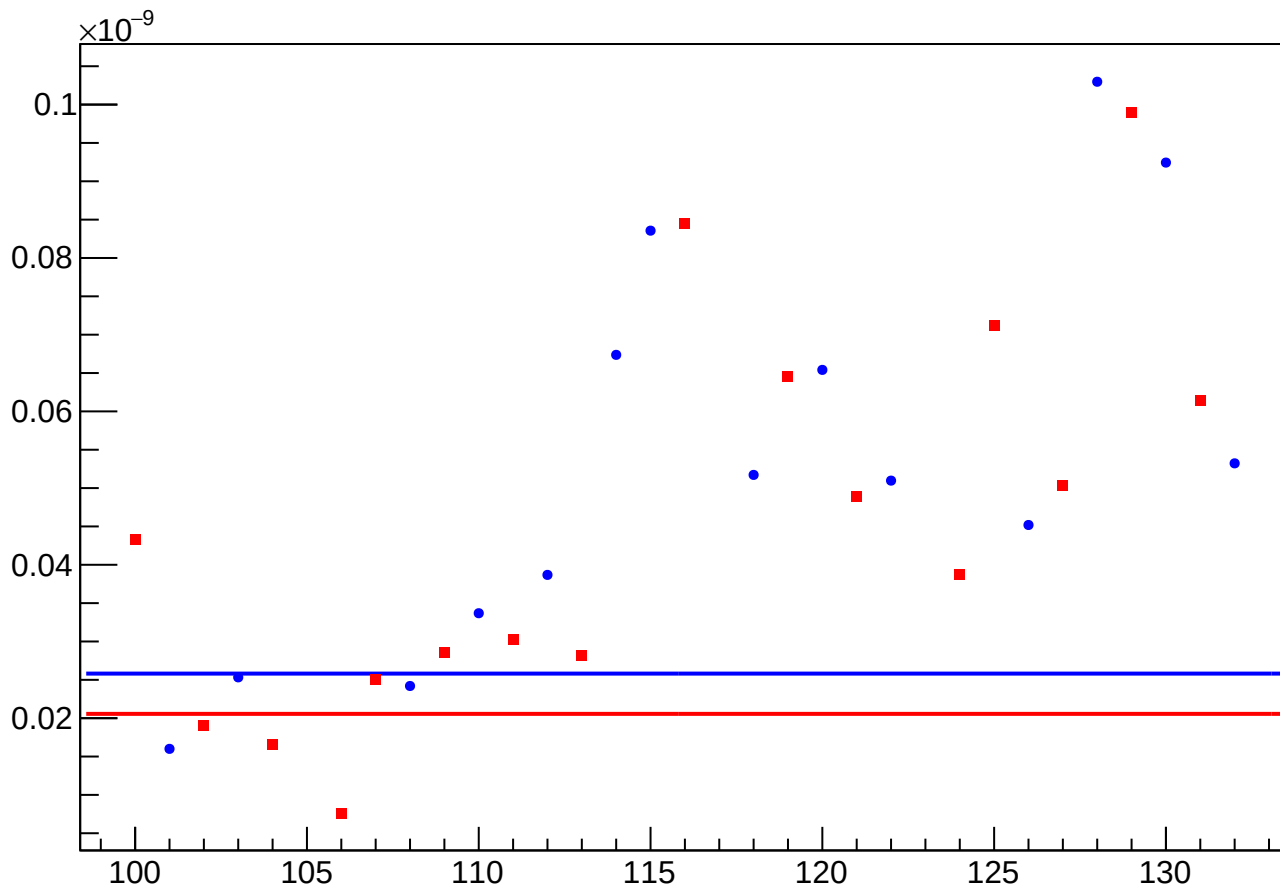
Right: 0.000+/-0.000 χ^2/NDF : 36.5/29

In: -0.000+/-0.000 χ^2/NDF : 15.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 36.5/29

asym_sam6_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1476954.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1846270.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

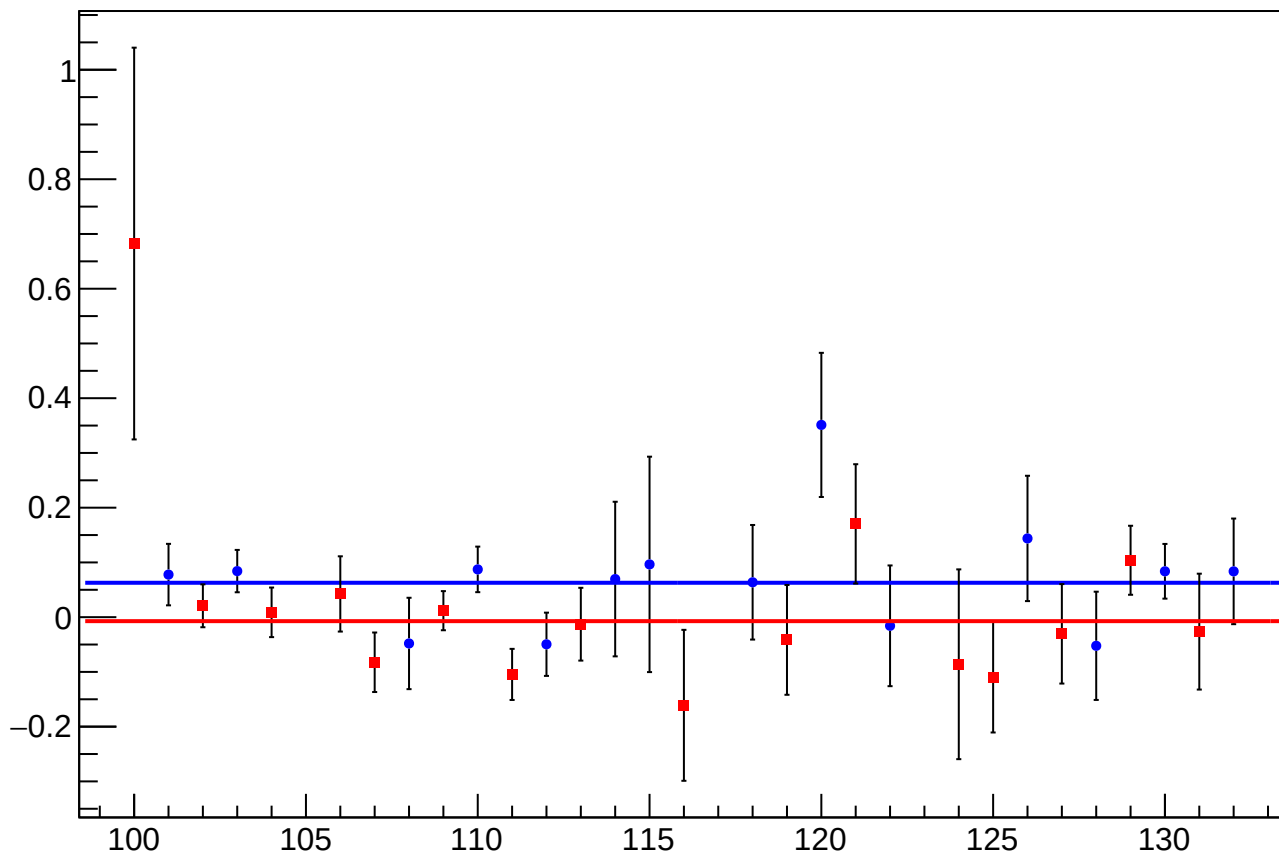
Right: 0.000+/-0.000 χ^2/NDF : 3429310.6/29

In: 0.000+/-0.000 χ^2/NDF : 1476954.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3429310.6/29

asym_sam6_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.063 $\pm$ 0.018 χ^2 /NDF: 13.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.007 $\pm$ 0.016 χ^2 /NDF: 19.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

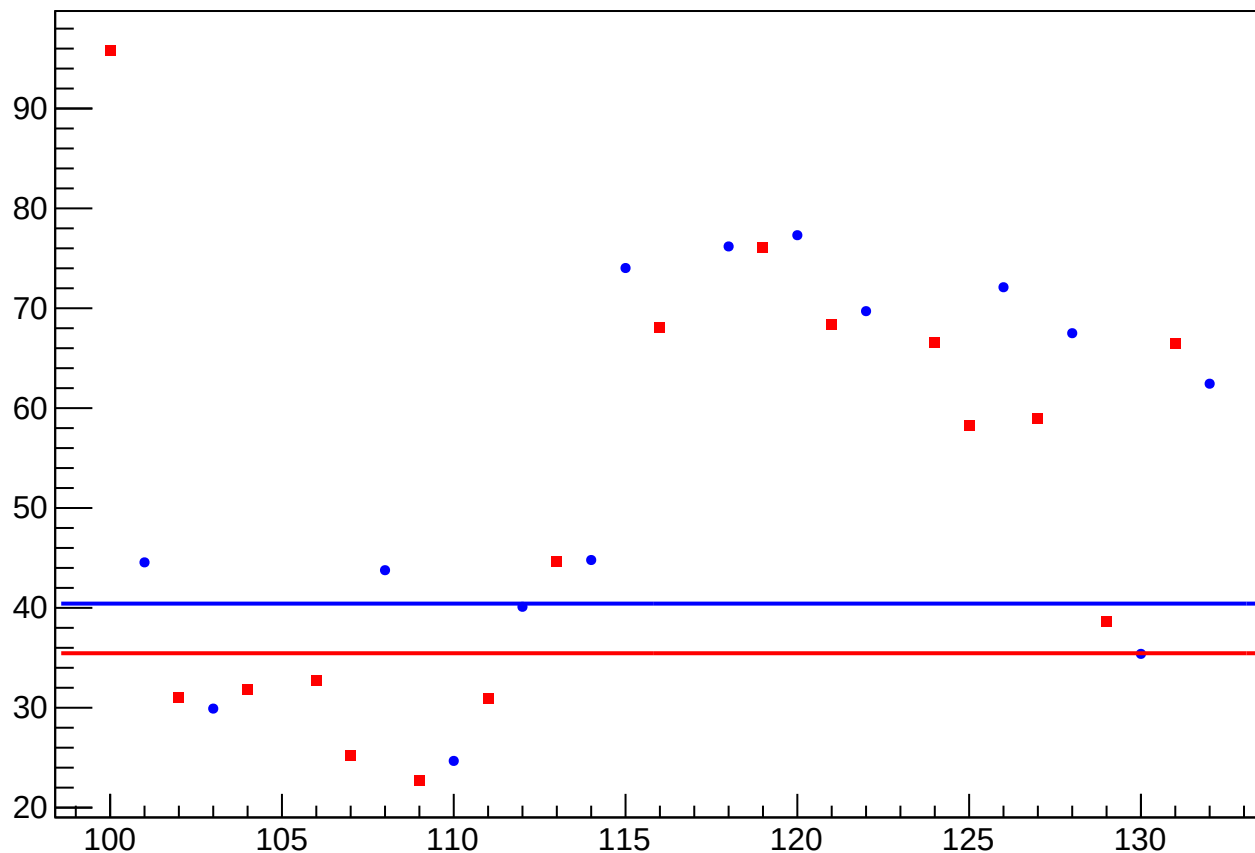
Right: 0.023 $\pm$ 0.012 χ^2 /NDF: 42.0/29

In: 0.063 $\pm$ 0.018 χ^2 /NDF:13.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.023 $\pm$ 0.012 χ^2 /NDF: 42.0/29

asym_sam6_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.427+/-0.013 χ^2/NDF : 1467627.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 35.457+/-0.011 χ^2/NDF : 1580933.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

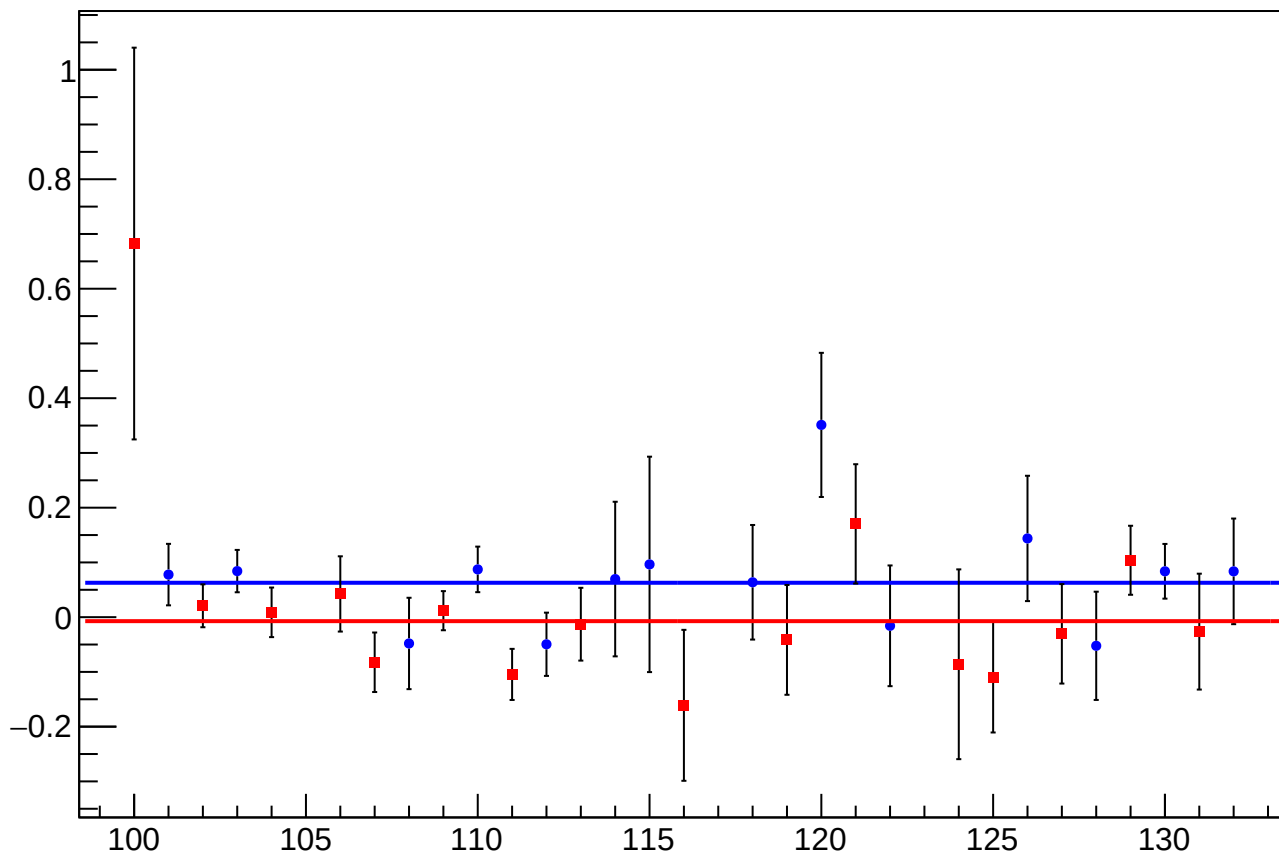
Right: 37.589+/-0.008 χ^2/NDF : 3133179.6/29

In: 40.427+/-0.013 χ^2/NDF :1467627.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 37.589+/-0.008 χ^2/NDF : 3133179.6/29

asym_sam6_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.063+/-0.018 χ^2/NDF : 13.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.007+/-0.016 χ^2/NDF : 19.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

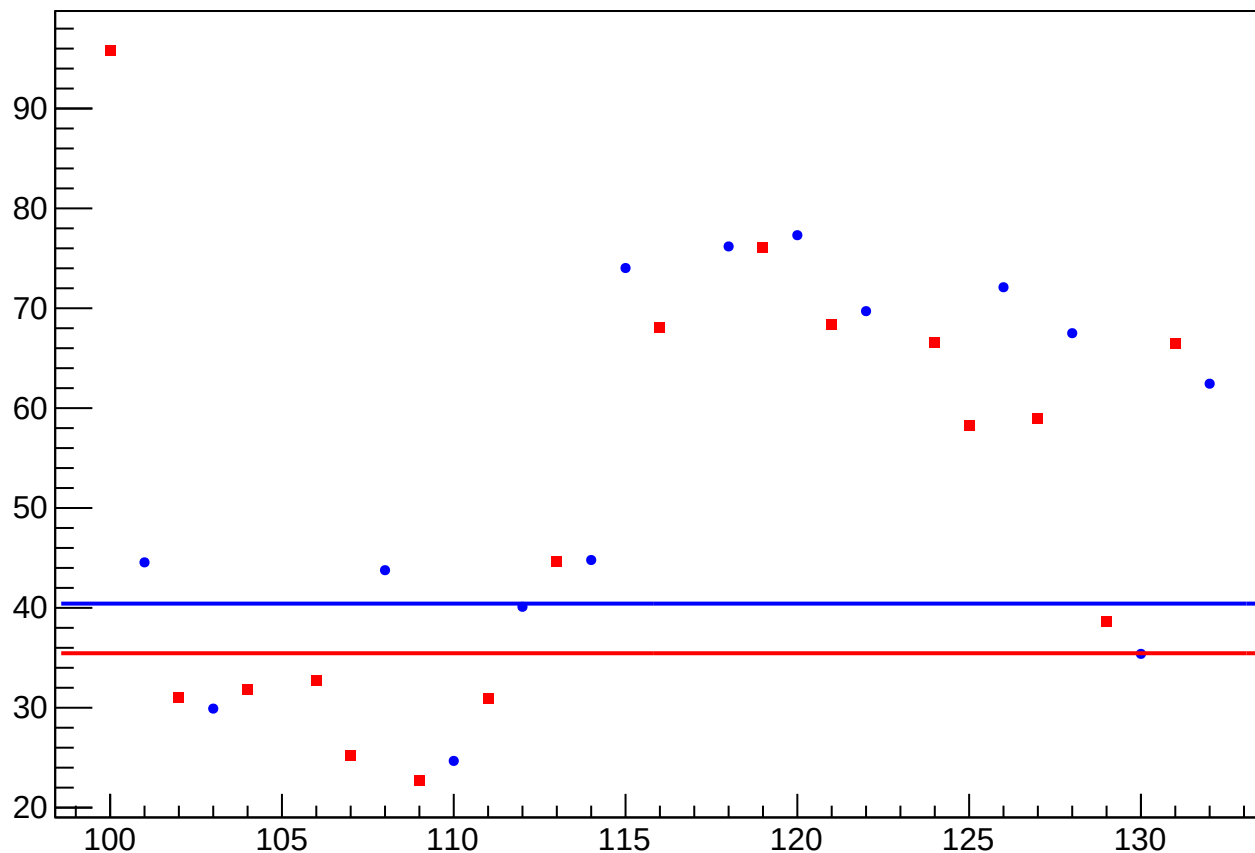
Right: 0.023+/-0.012 χ^2/NDF : 42.0/29

In: 0.063+/-0.018 χ^2/NDF : 13.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.012 χ^2/NDF : 42.0/29

asym_sam6_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.427+/-0.013 χ^2/NDF : 1467627.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 35.457+/-0.011 χ^2/NDF : 1580933.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

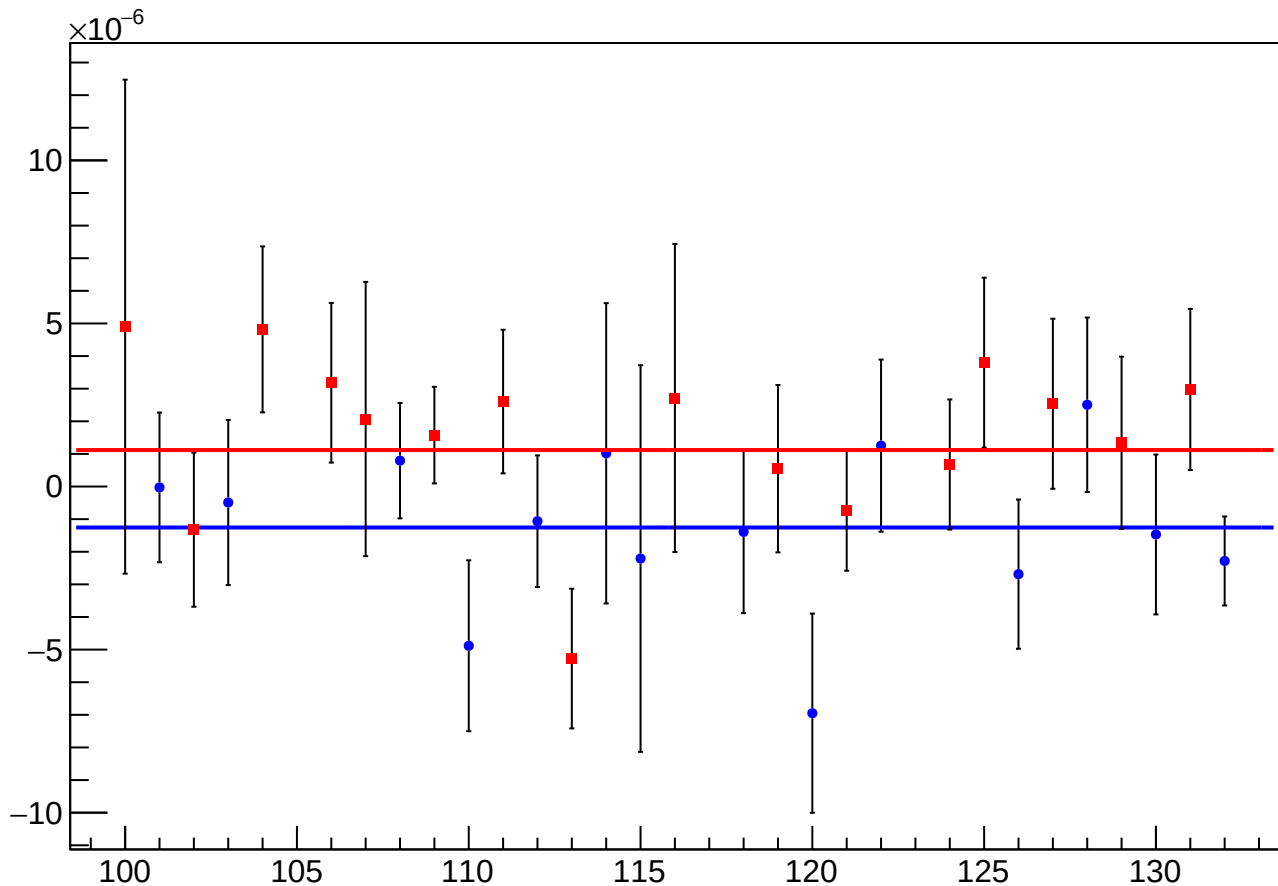
Right: 37.589+/-0.008 χ^2/NDF : 3133179.6/29

In: 40.427+/-0.013 χ^2/NDF :1467627.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 37.589+/-0.008 χ^2/NDF : 3133179.6/29

asym_sam6_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

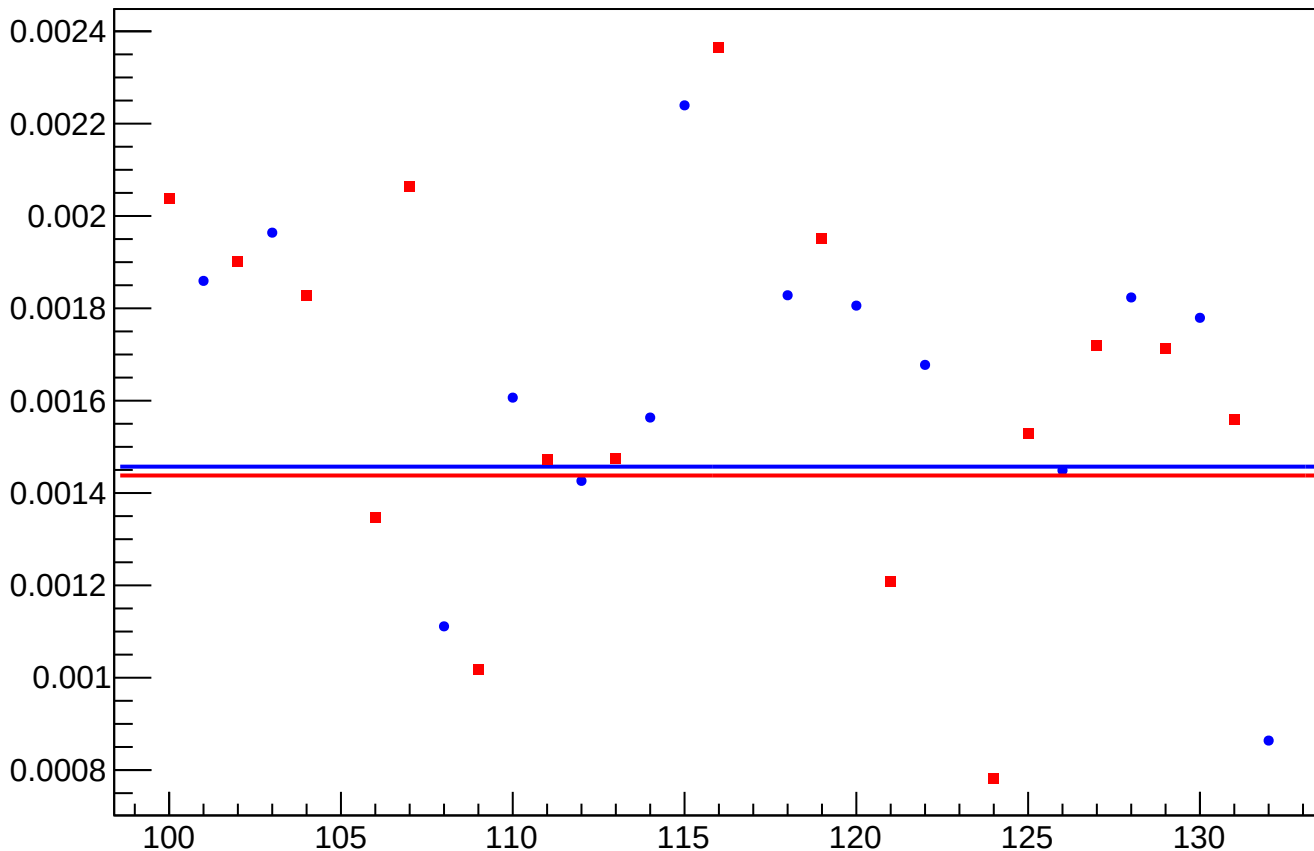
Right: -0.000+/-0.000 χ^2/NDF : 35.6/29

In: -0.000+/-0.000 χ^2/NDF : 11.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 35.6/29

asym_sam6_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 795673.9/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 801709.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

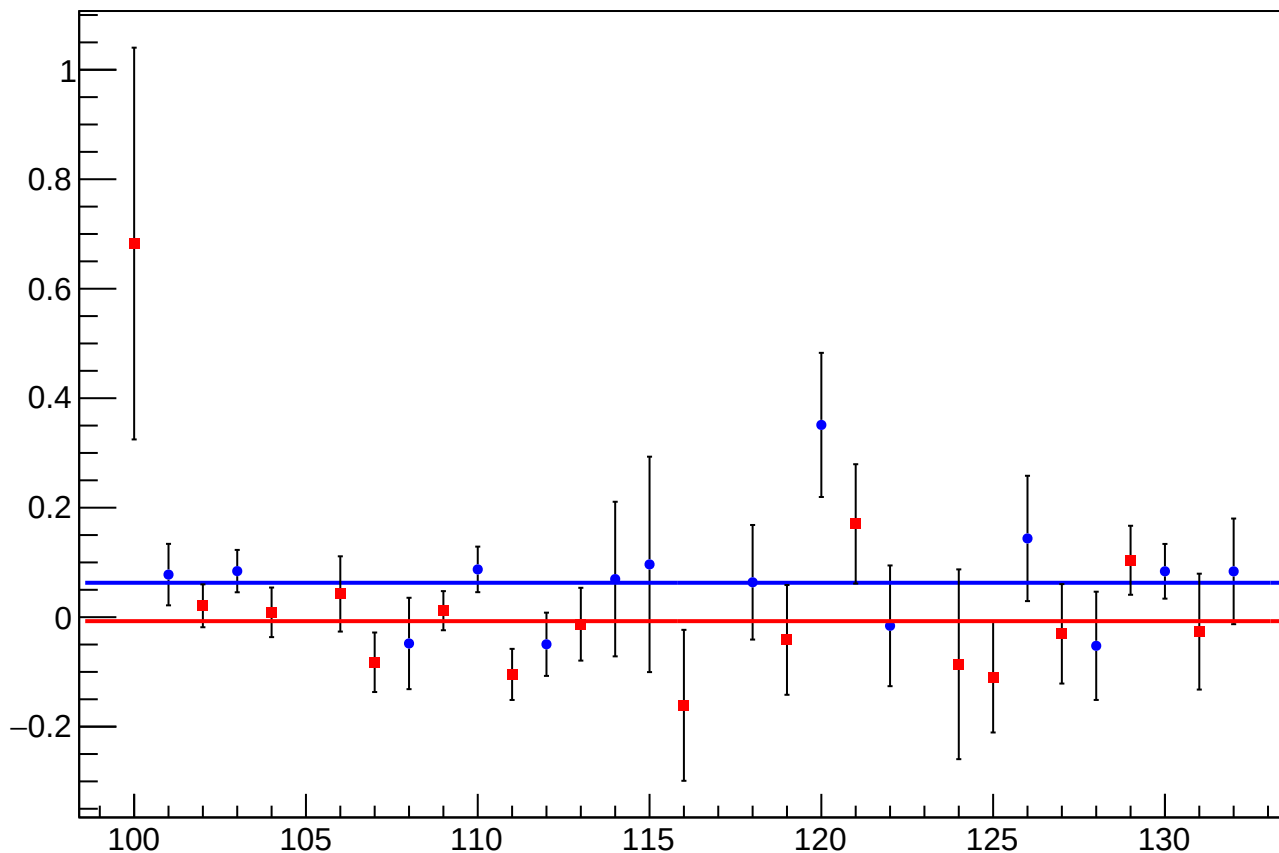
Right: 0.001+/-0.000 χ^2/NDF : 1598370.4/29

In: 0.001+/-0.000 χ^2/NDF :795673.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1598370.4/29

asym_sam6_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.063+/-0.018 χ^2/NDF : 13.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.007+/-0.016 χ^2/NDF : 19.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

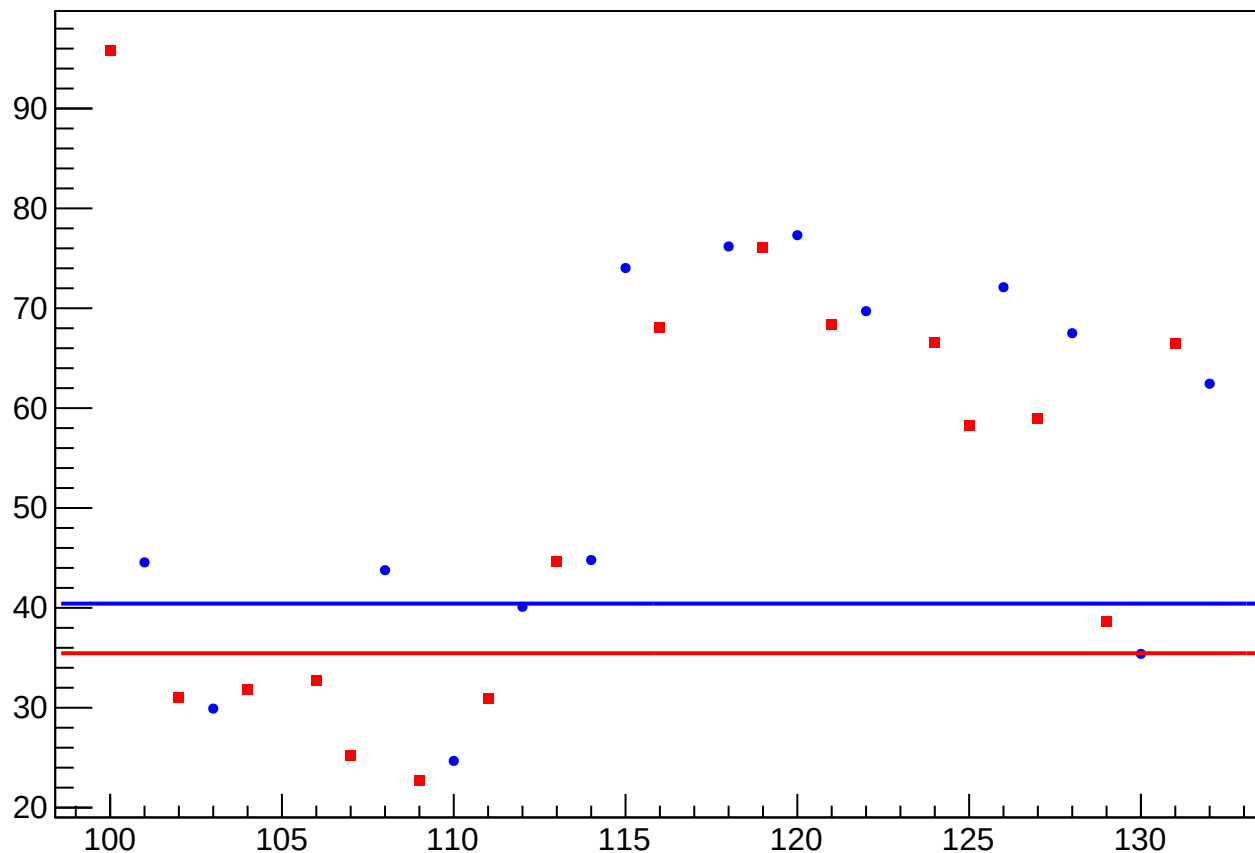
Right: 0.023+/-0.012 χ^2/NDF : 42.0/29

In: 0.063+/-0.018 χ^2/NDF : 13.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.012 χ^2/NDF : 42.0/29

asym_sam6_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.426+/-0.013 χ^2/NDF : 1467635.6/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 35.457+/-0.011 χ^2/NDF : 1580927.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

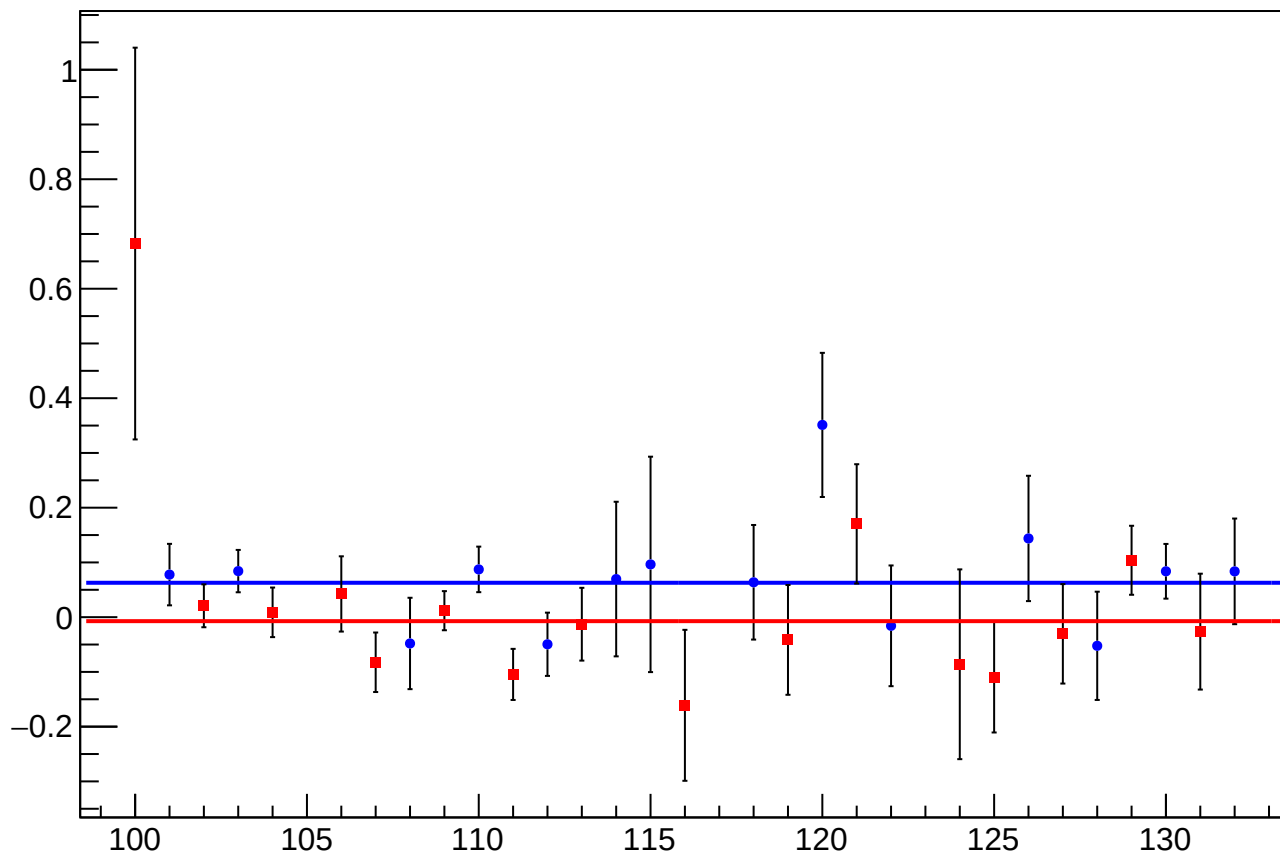
Right: 37.588+/-0.008 χ^2/NDF : 3133175.2/29

In: 40.426+/-0.013 χ^2/NDF :1467635.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 37.588+/-0.008 χ^2/NDF : 3133175.2/29

asym_sam6_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.063 $\pm$ 0.018 χ^2 /NDF: 13.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.007 $\pm$ 0.016 χ^2 /NDF: 19.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

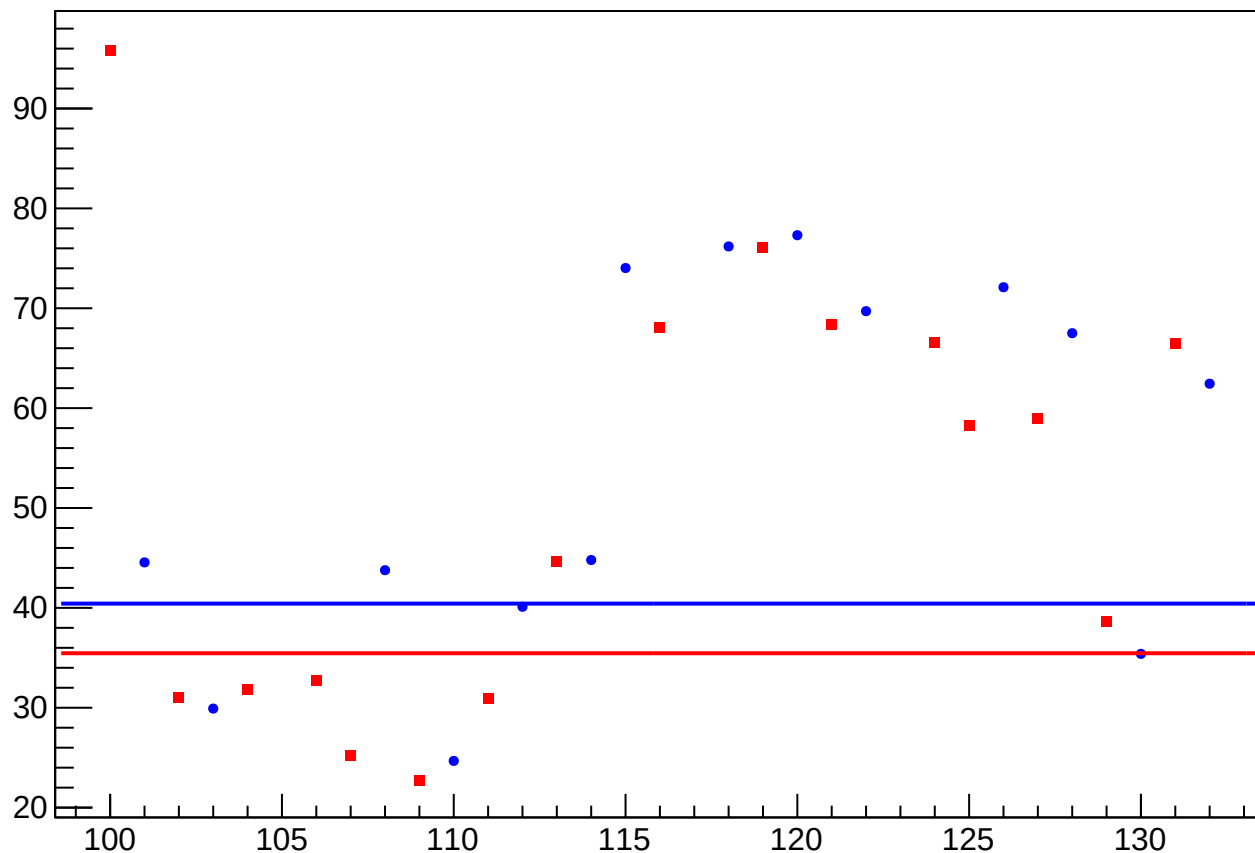
Right: 0.023 $\pm$ 0.012 χ^2 /NDF: 42.0/29

In: 0.063 $\pm$ 0.018 χ^2 /NDF:13.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.023 $\pm$ 0.012 χ^2 /NDF: 42.0/29

asym_sam6_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.426+/-0.013 χ^2/NDF : 1467635.6/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 35.457+/-0.011 χ^2/NDF : 1580927.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

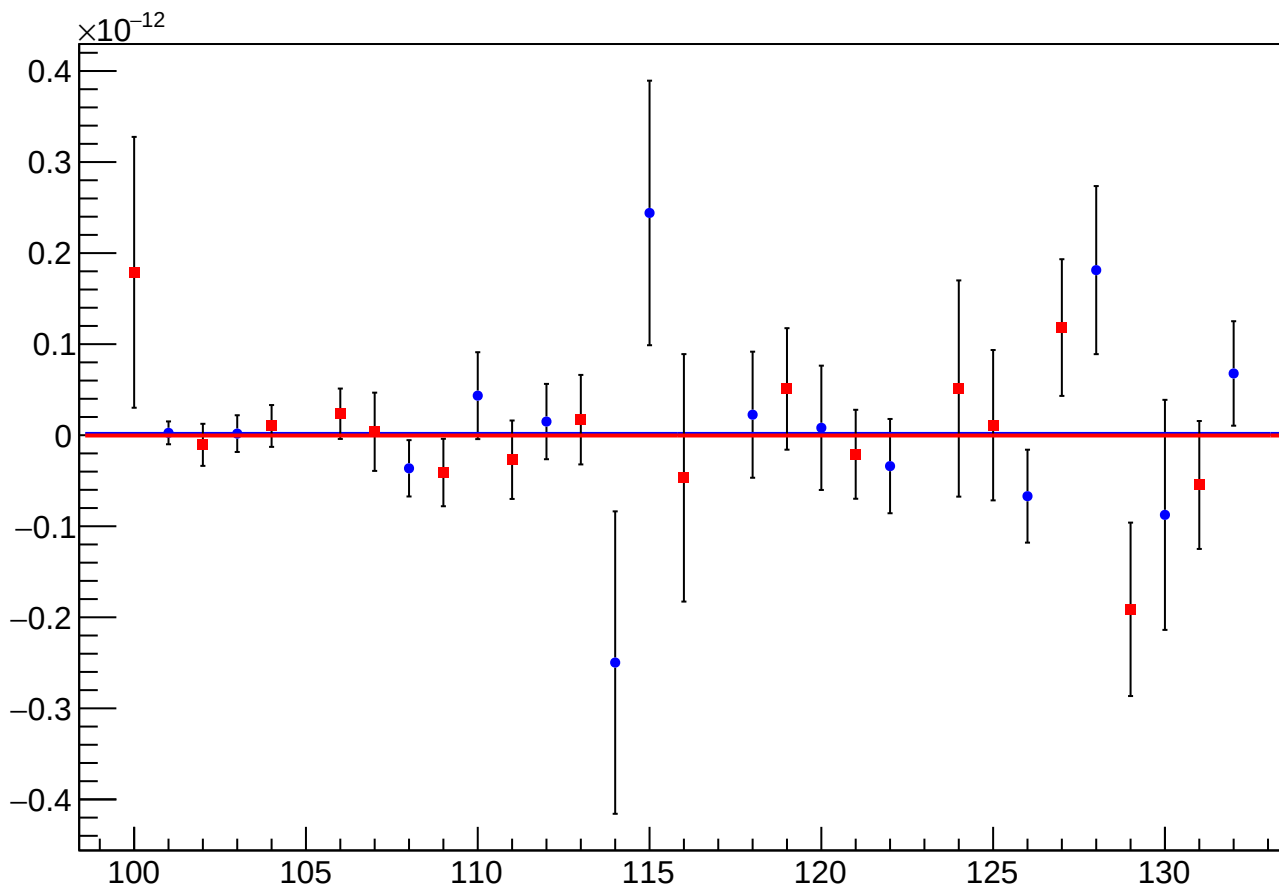
Right: 37.588+/-0.008 χ^2/NDF : 3133175.2/29

In: 40.426+/-0.013 χ^2/NDF :1467635.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 37.588+/-0.008 χ^2/NDF : 3133175.2/29

asym_sam6_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

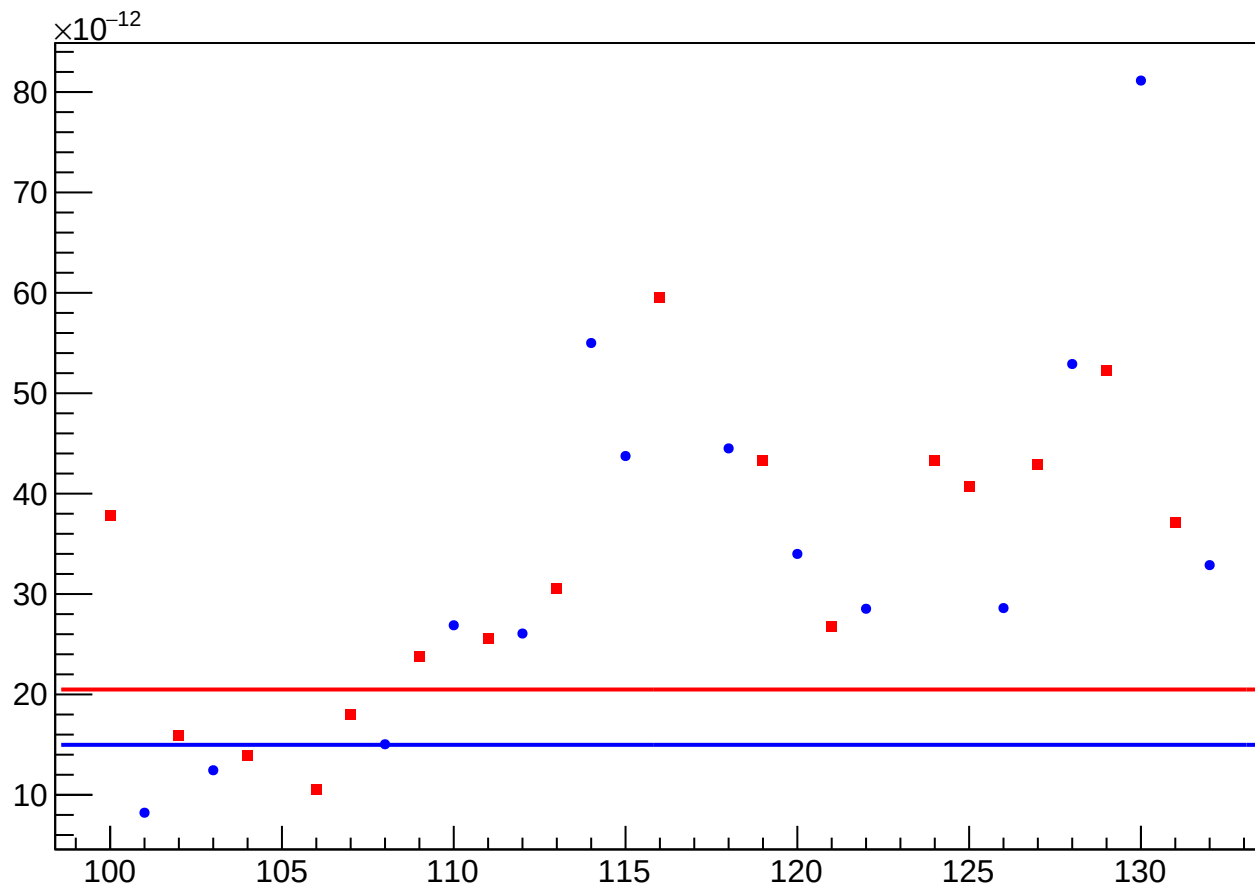
Right: 0.000+/-0.000 χ^2/NDF : 28.0/29

In: 0.000+/-0.000 χ^2/NDF : 15.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.0/29

asym_sam6_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2954134.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1804320.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

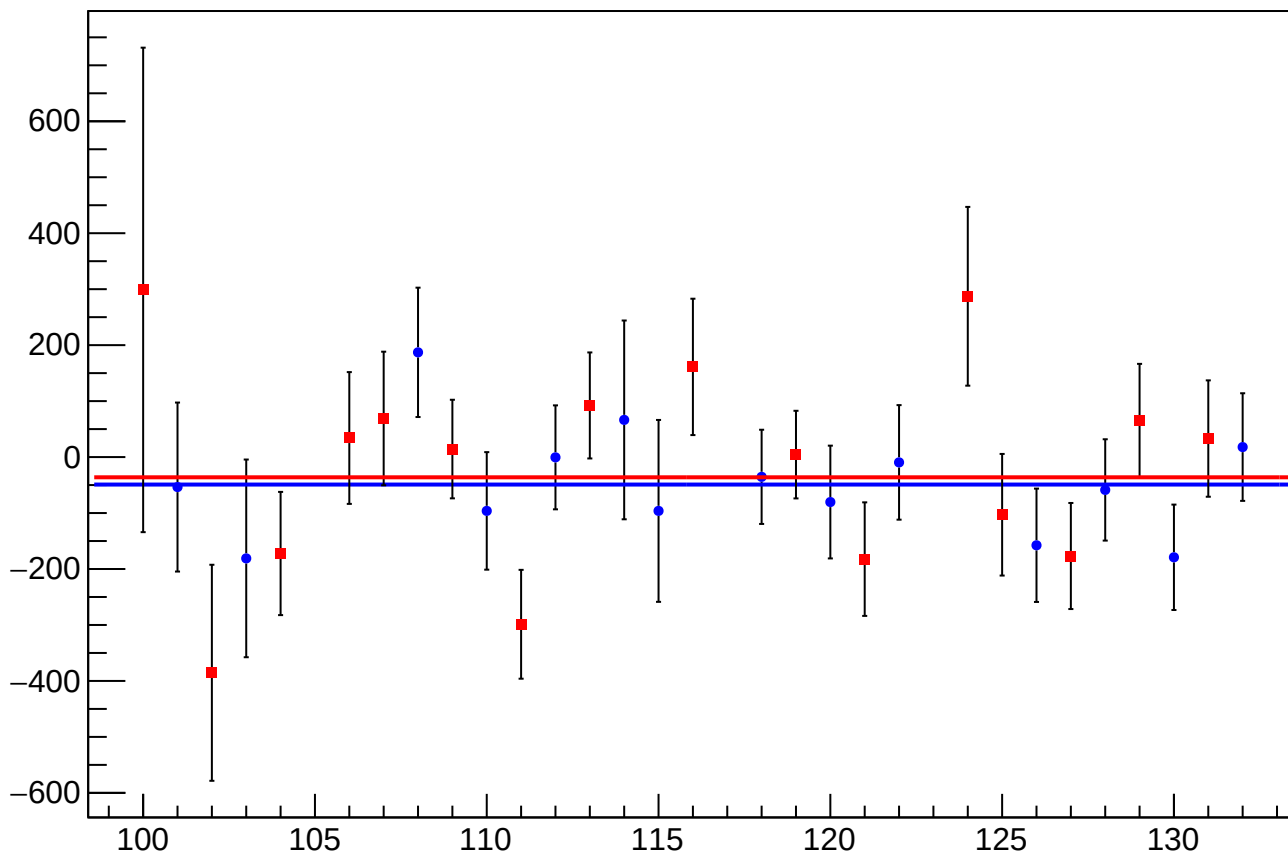
Right: 0.000+/-0.000 χ^2/NDF : 5072349.7/29

In: 0.000+/-0.000 χ^2/NDF : 2954134.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5072349.7/29

reg_asym_sam7_mean vs Slug, Sign Corrected



Right In: -49.107+/-28.836 χ^2/NDF : 9.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.138+/-27.155 χ^2/NDF : 29.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

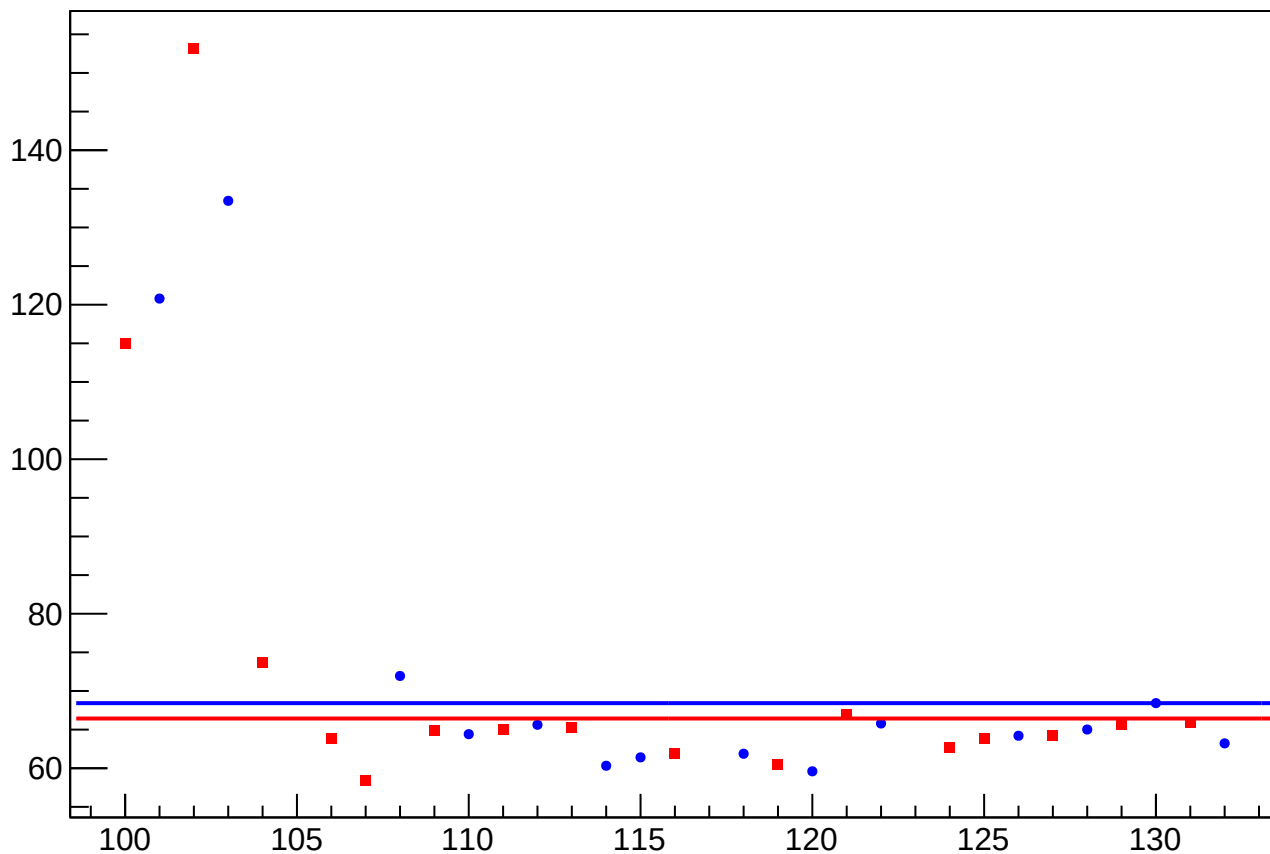
Right: -42.234+/-19.769 χ^2/NDF : 38.7/29

In: -49.107+/-28.836 χ^2/NDF : 9.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.234+/-19.769 χ^2/NDF : 38.7/29

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 68.423+/-0.020 χ^2/NDF : 567106.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.436+/-0.019 χ^2/NDF : 466582.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

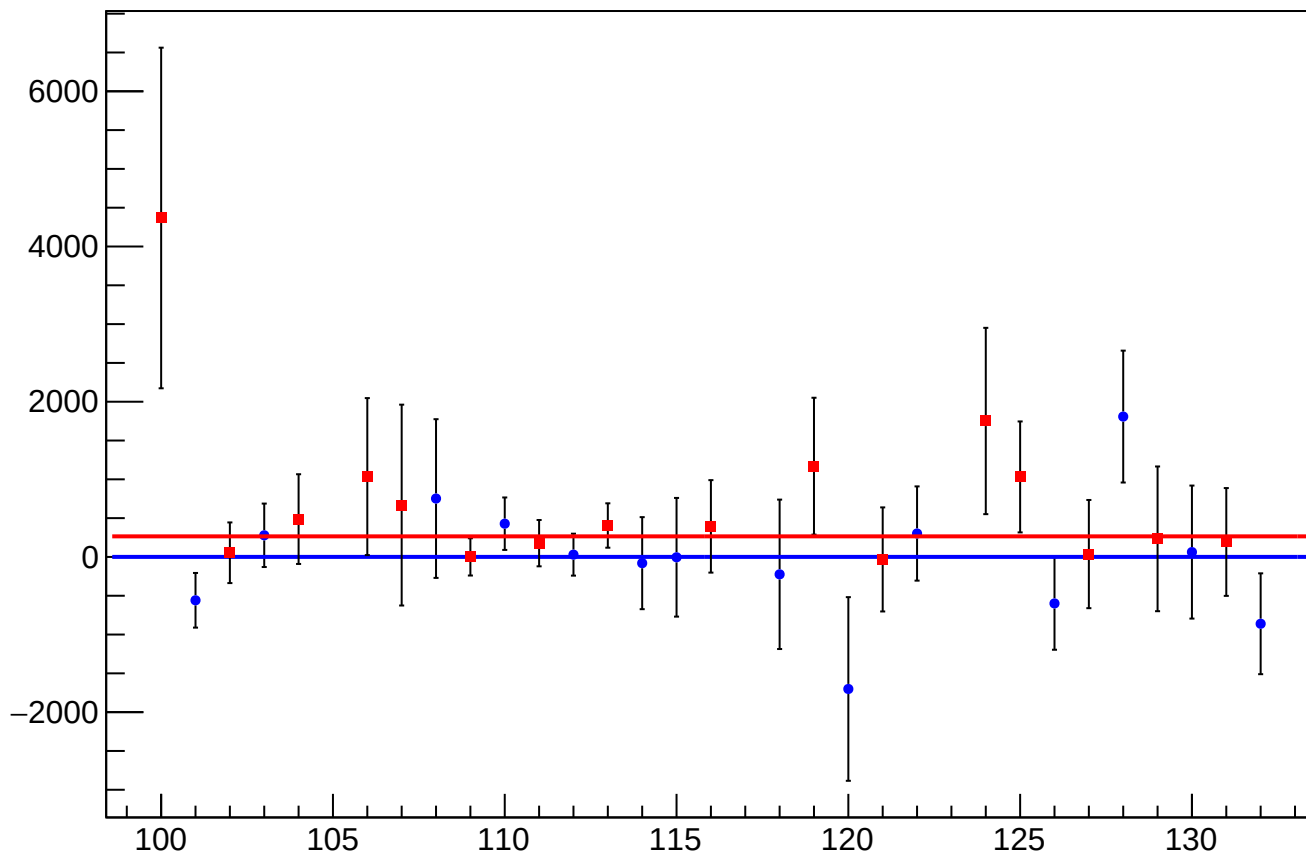
Right: 67.370+/-0.014 χ^2/NDF : 1038721.1/29

In: 68.423+/-0.020 χ^2/NDF : 567106.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.370+/-0.014 χ^2/NDF : 1038721.1/29

asym_sam7_reg_correction_mean vs Slug, Sign Corrected



Right In: 0.600+/-135.525 χ^2/NDF : 14.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 265.181+/-122.727 χ^2/NDF : 10.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

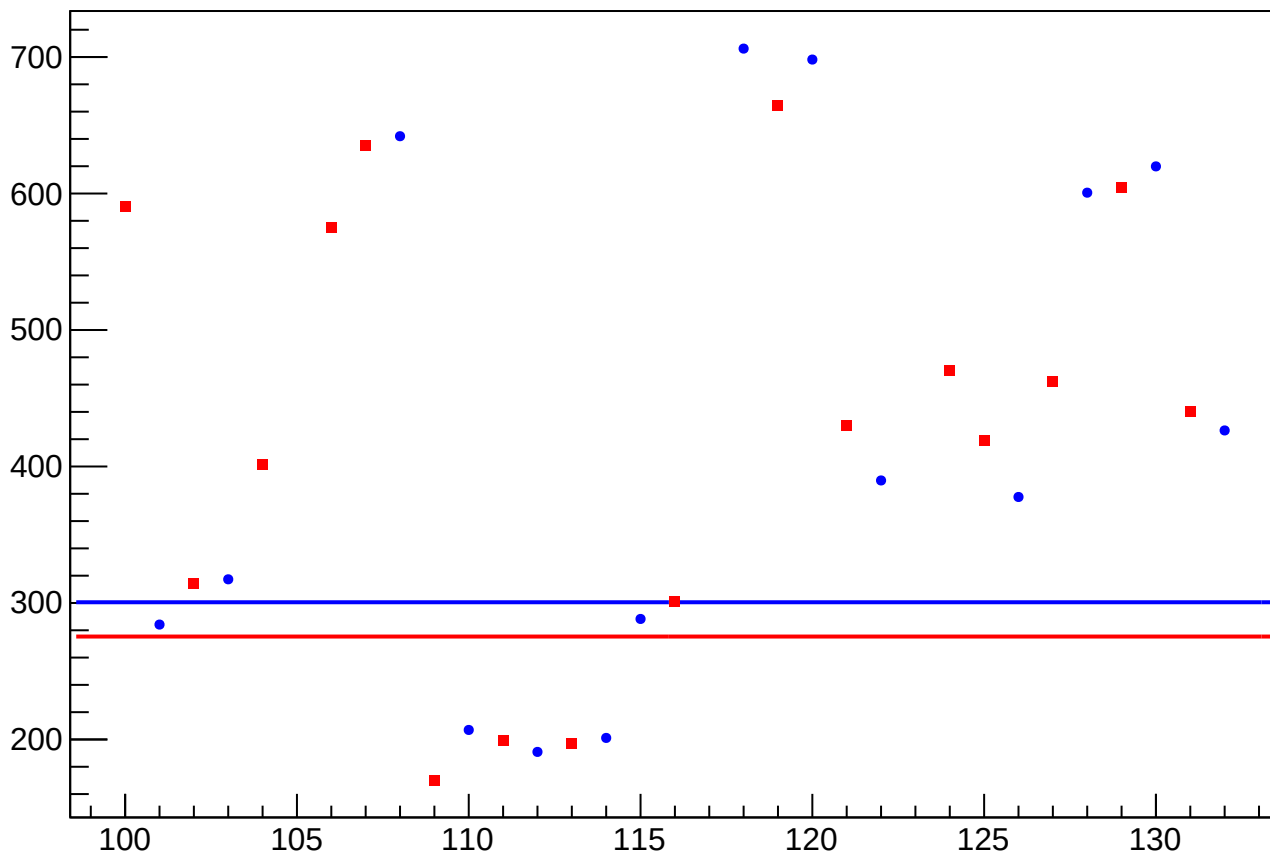
Right: 145.970+/-90.970 χ^2/NDF : 27.2/29

In: 0.600+/-135.525 χ^2/NDF : 14.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.970+/-90.970 χ^2/NDF : 27.2/29

asym_sam7_reg_correction_rms vs Slug, Sign Corrected



Right In: 300.532+/-0.096 χ^2/NDF : 2030048.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 275.412+/-0.087 χ^2/NDF : 2291551.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

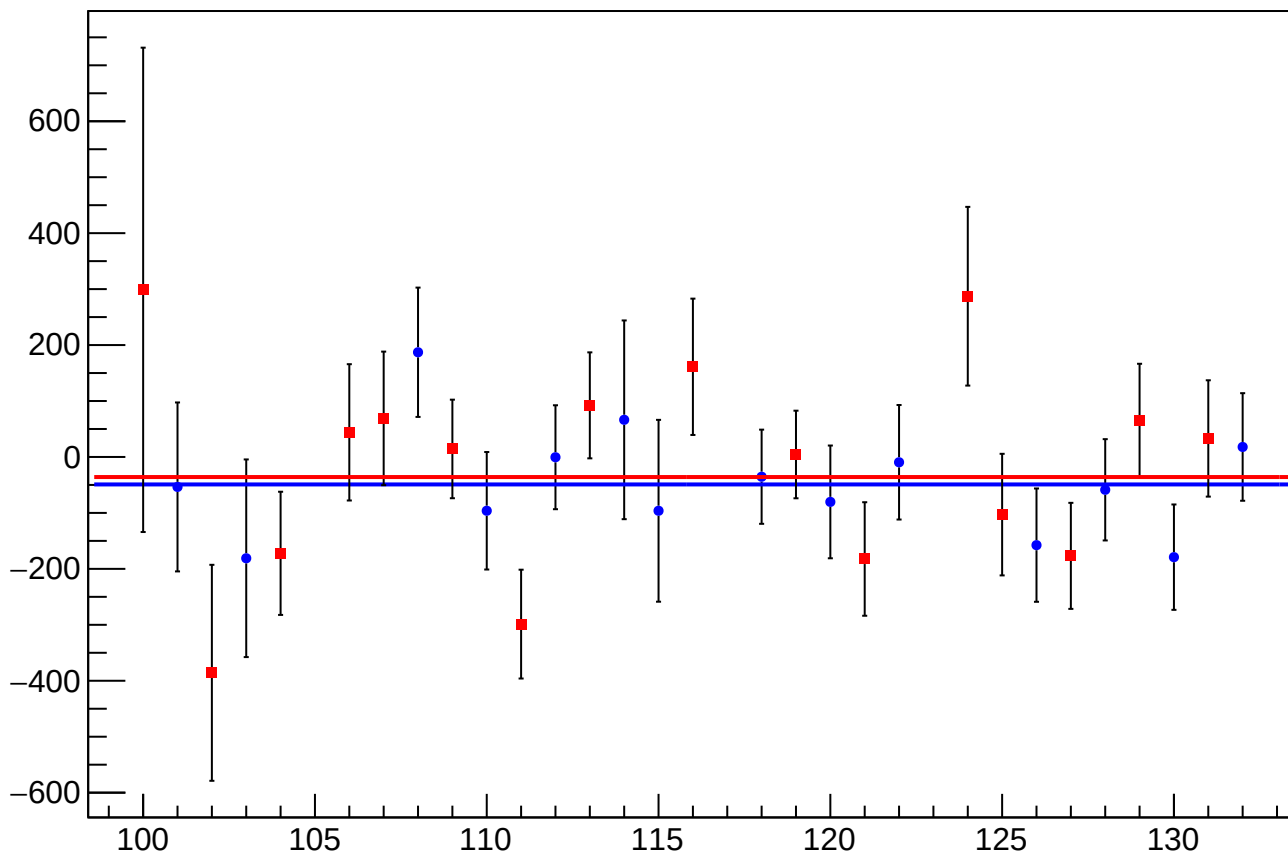
Right: 286.730+/-0.064 χ^2/NDF : 4359351.7/29

In: 300.532+/-0.096 χ^2/NDF : 2030048.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 286.730+/-0.064 χ^2/NDF : 4359351.7/29

cor_asym_sam7_mean vs Slug, Sign Corrected



Right In: -49.110+/-28.836 χ^2/NDF : 9.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -35.891+/-27.203 χ^2/NDF : 29.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

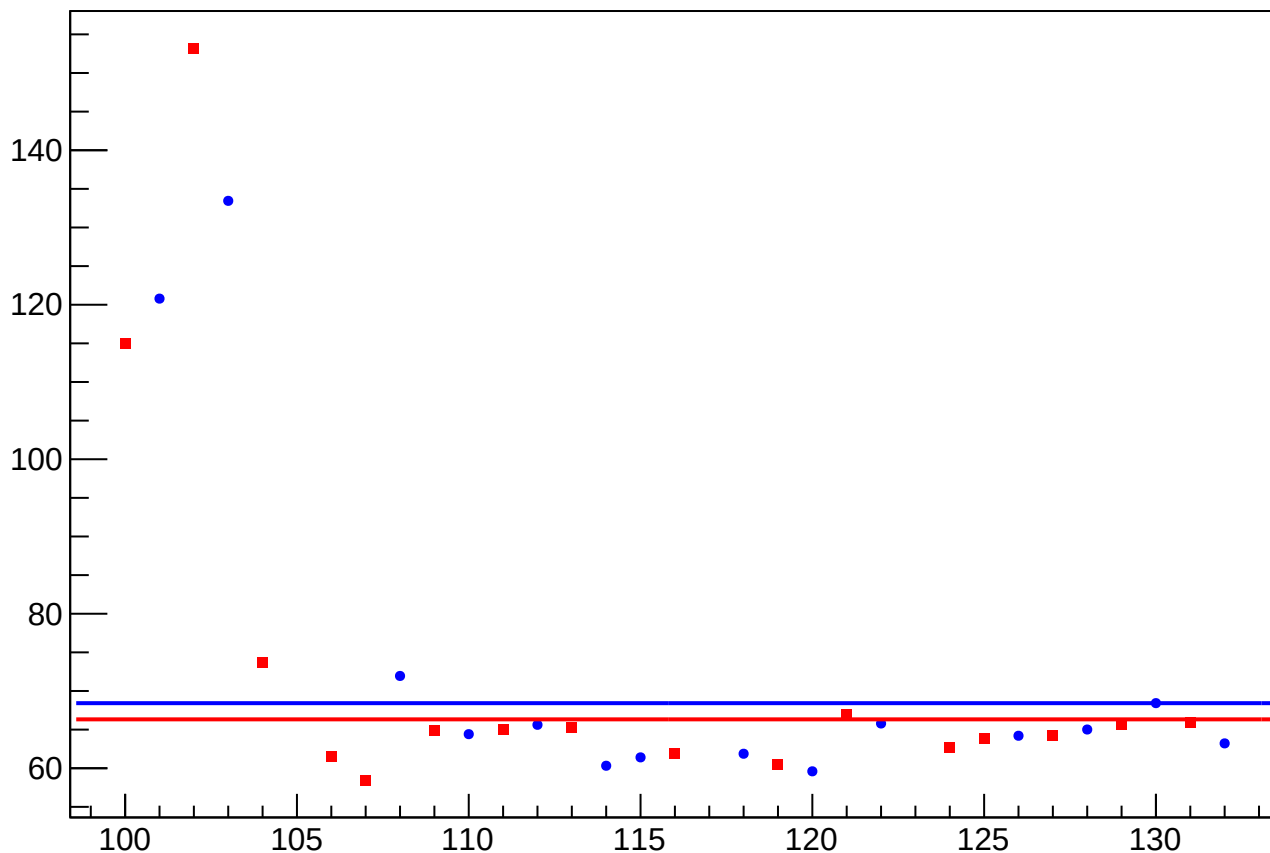
Right: -42.116+/-19.787 χ^2/NDF : 38.8/29

In: -49.110+/-28.836 χ^2/NDF : 9.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.116+/-19.787 χ^2/NDF : 38.8/29

cor_asym_sam7_rms vs Slug, Sign Corrected



Right In: 68.423+/-0.020 χ^2/NDF : 567106.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.327+/-0.019 χ^2/NDF : 468870.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

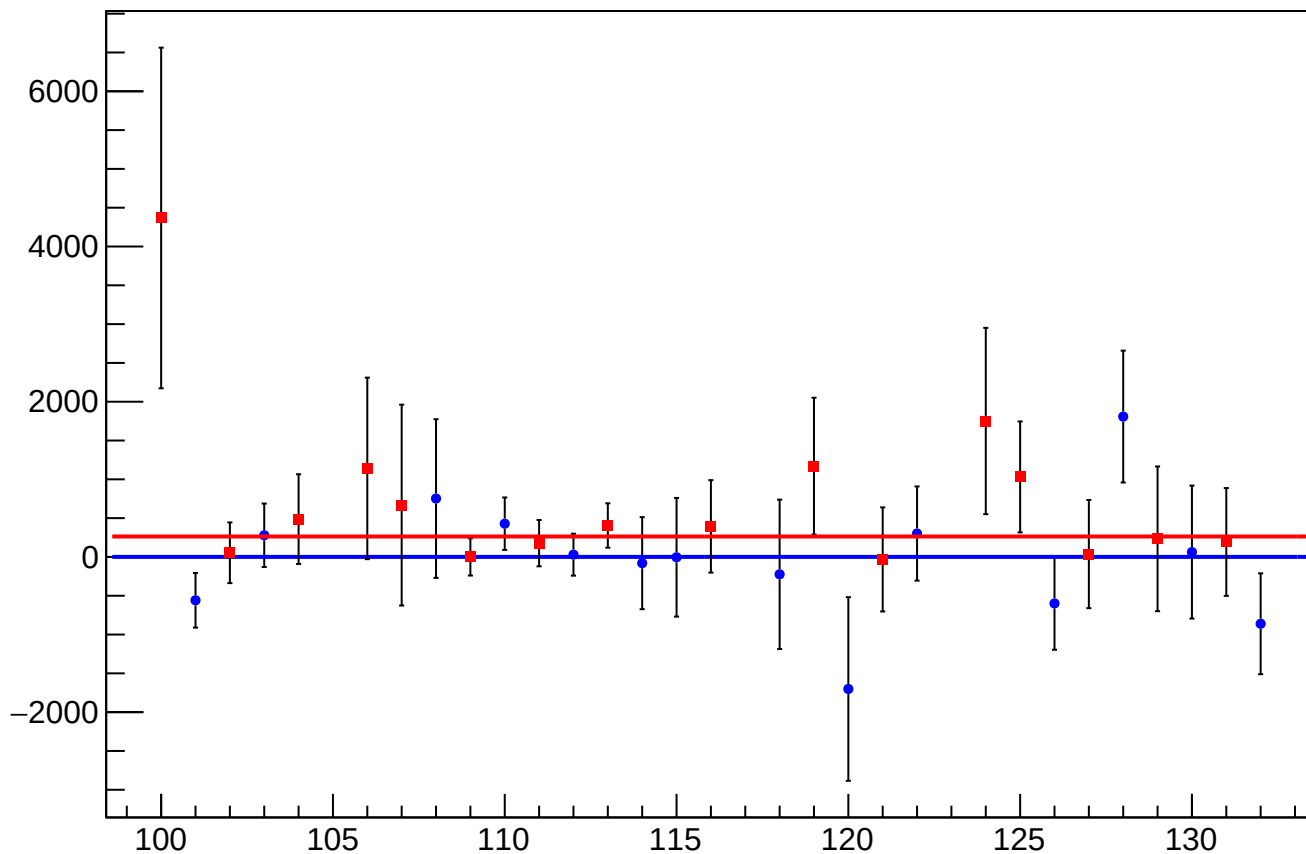
Right: 67.314+/-0.014 χ^2/NDF : 1041567.5/29

In: 68.423+/-0.020 χ^2/NDF : 567106.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.314+/-0.014 χ^2/NDF : 1041567.5/29

asym_sam7_cor_correction_mean vs Slug, Sign Corrected



Right In: 0.605+/-135.526 χ^2/NDF : 14.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 263.490+/-122.961 χ^2/NDF : 10.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

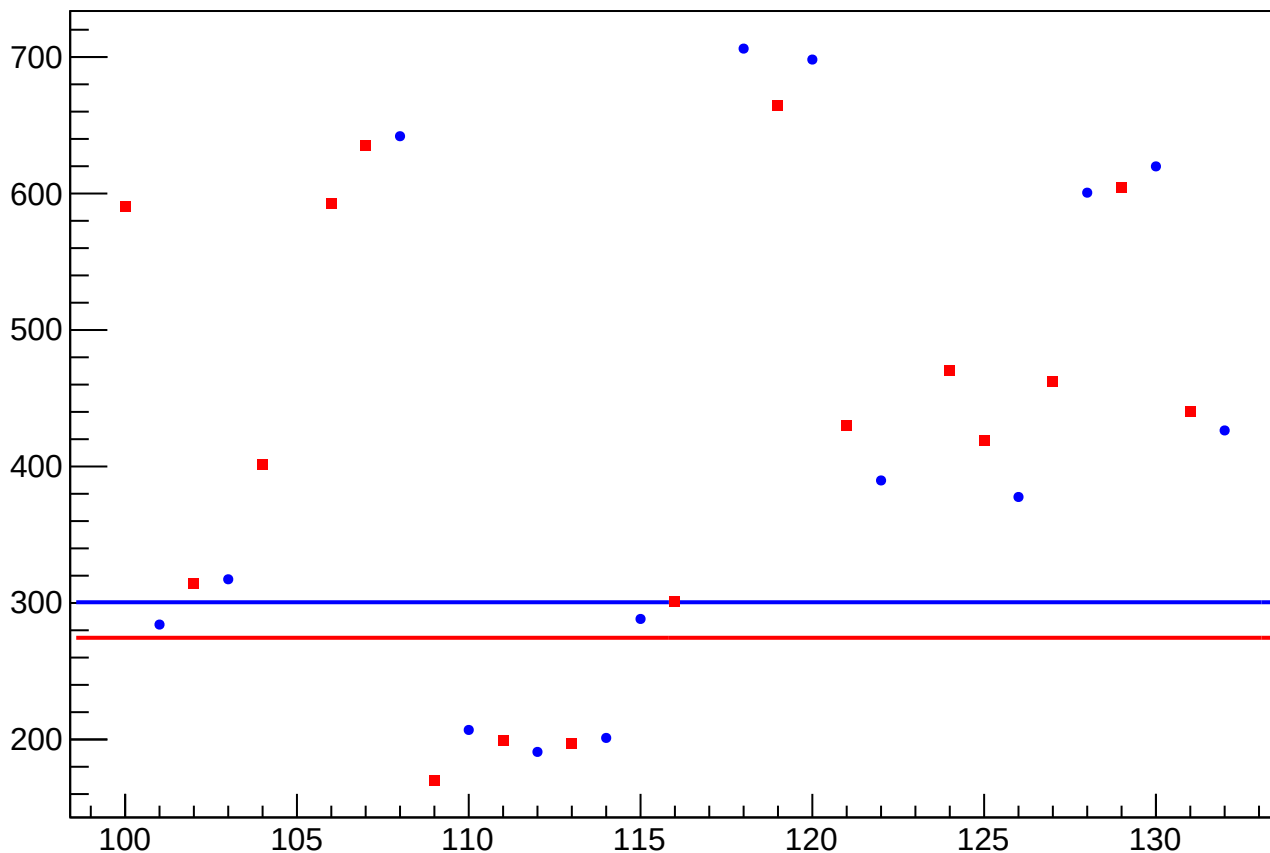
Right: 144.796+/-91.065 χ^2/NDF : 27.1/29

In: 0.605+/-135.526 χ^2/NDF : 14.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.796+/-91.065 χ^2/NDF : 27.1/29

asym_sam7_cor_correction_rms vs Slug, Sign Corrected



Right In: 300.534+/-0.096 χ^2/NDF : 2030056.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 274.503+/-0.087 χ^2/NDF : 2263416.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

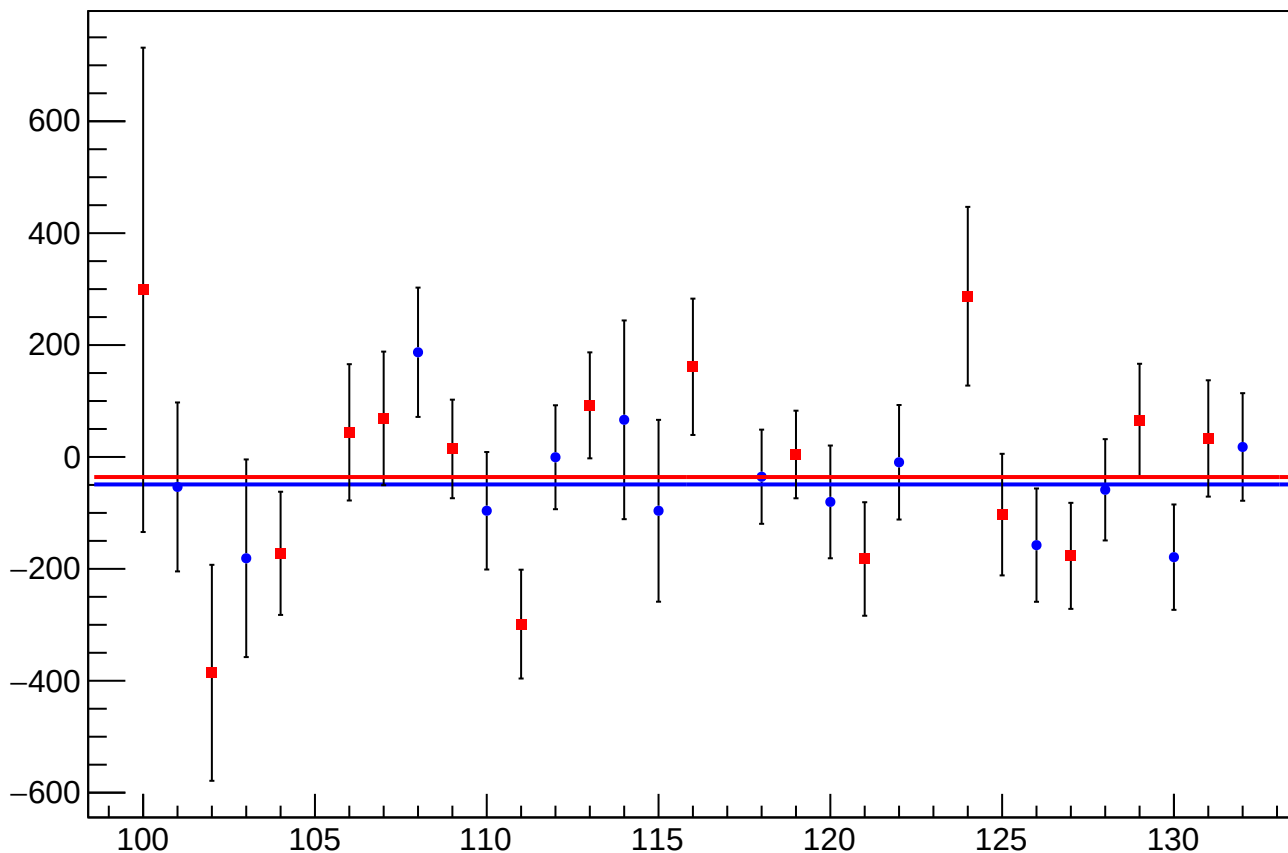
Right: 286.256+/-0.064 χ^2/NDF : 4333942.7/29

In: 300.534+/-0.096 χ^2/NDF : 2030056.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 286.256+/-0.064 χ^2/NDF : 4333942.7/29

eigen_cor_asym_sam7_mean vs Slug, Sign Corrected



Right In: -49.110 ± 28.836 χ^2/NDF : 9.5/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -35.891 ± 27.203 χ^2/NDF : 29.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

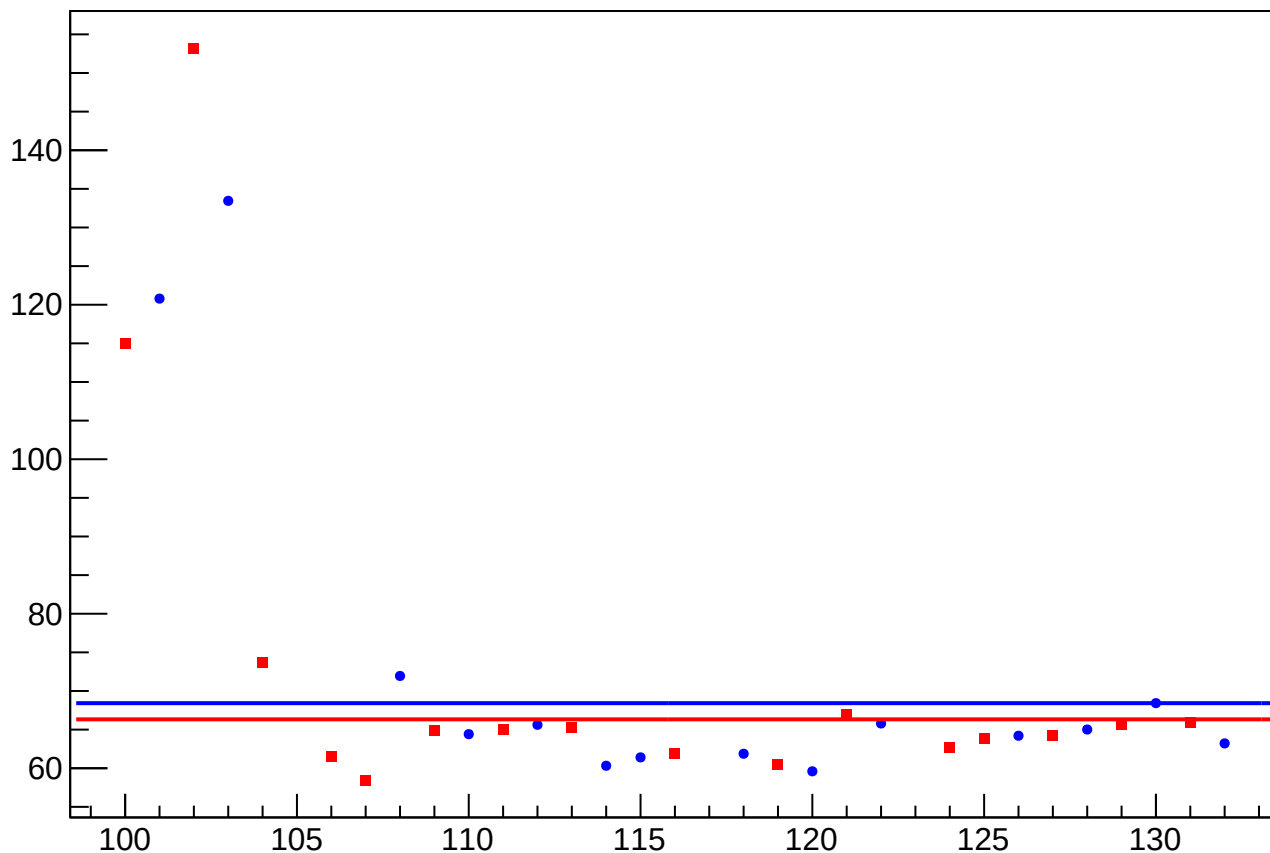
Right: -42.116 ± 19.787 χ^2/NDF : 38.8/29

In: -49.110 ± 28.836 χ^2/NDF : 9.5/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -42.116 ± 19.787 χ^2/NDF : 38.8/29

eigen_cor_asym_sam7_rms vs Slug, Sign Corrected



Right In: 68.423+/-0.020 χ^2/NDF : 567106.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.327+/-0.019 χ^2/NDF : 468870.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

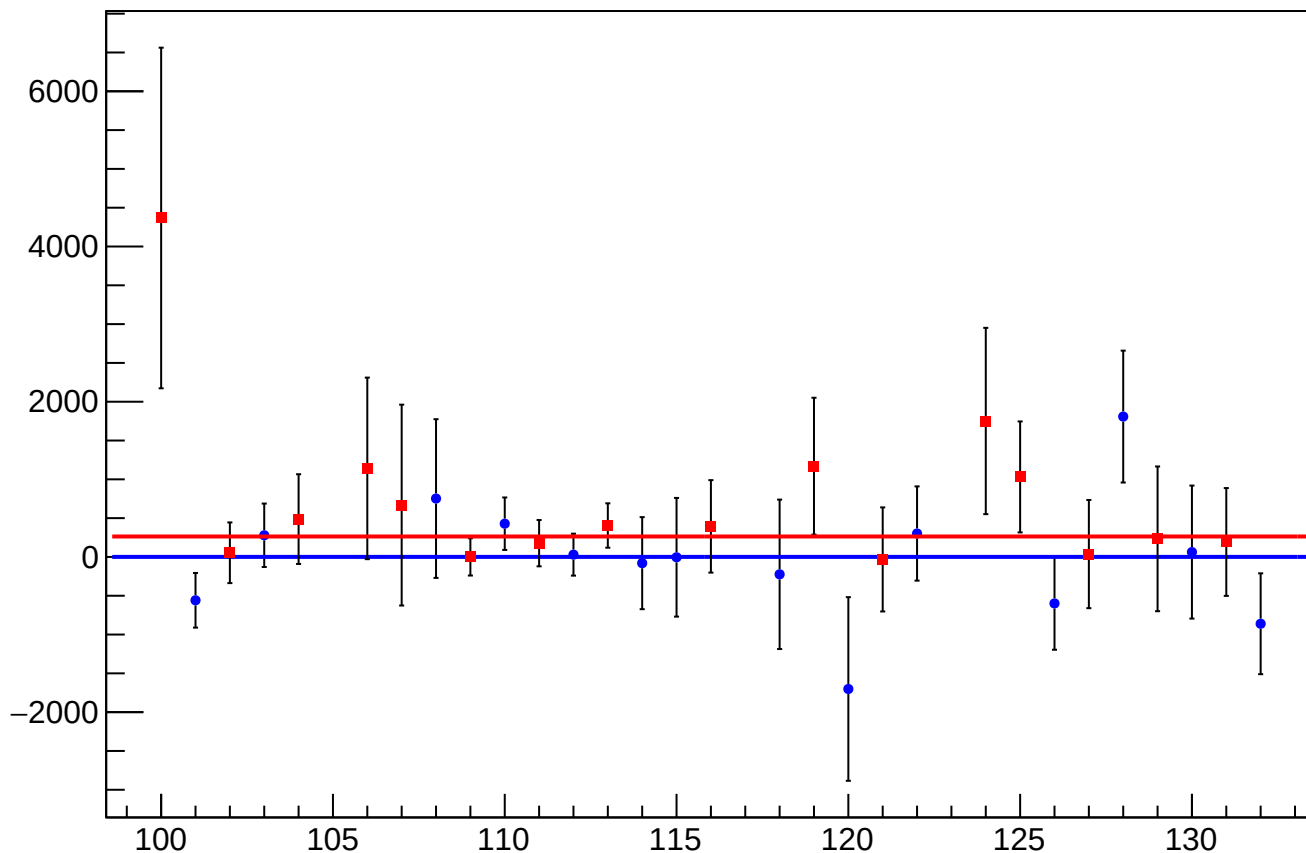
Right: 67.314+/-0.014 χ^2/NDF : 1041567.5/29

In: 68.423+/-0.020 χ^2/NDF : 567106.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.314+/-0.014 χ^2/NDF : 1041567.5/29

asym_sam7_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 0.605+/-135.526 χ^2/NDF : 14.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 263.490+/-122.961 χ^2/NDF : 10.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

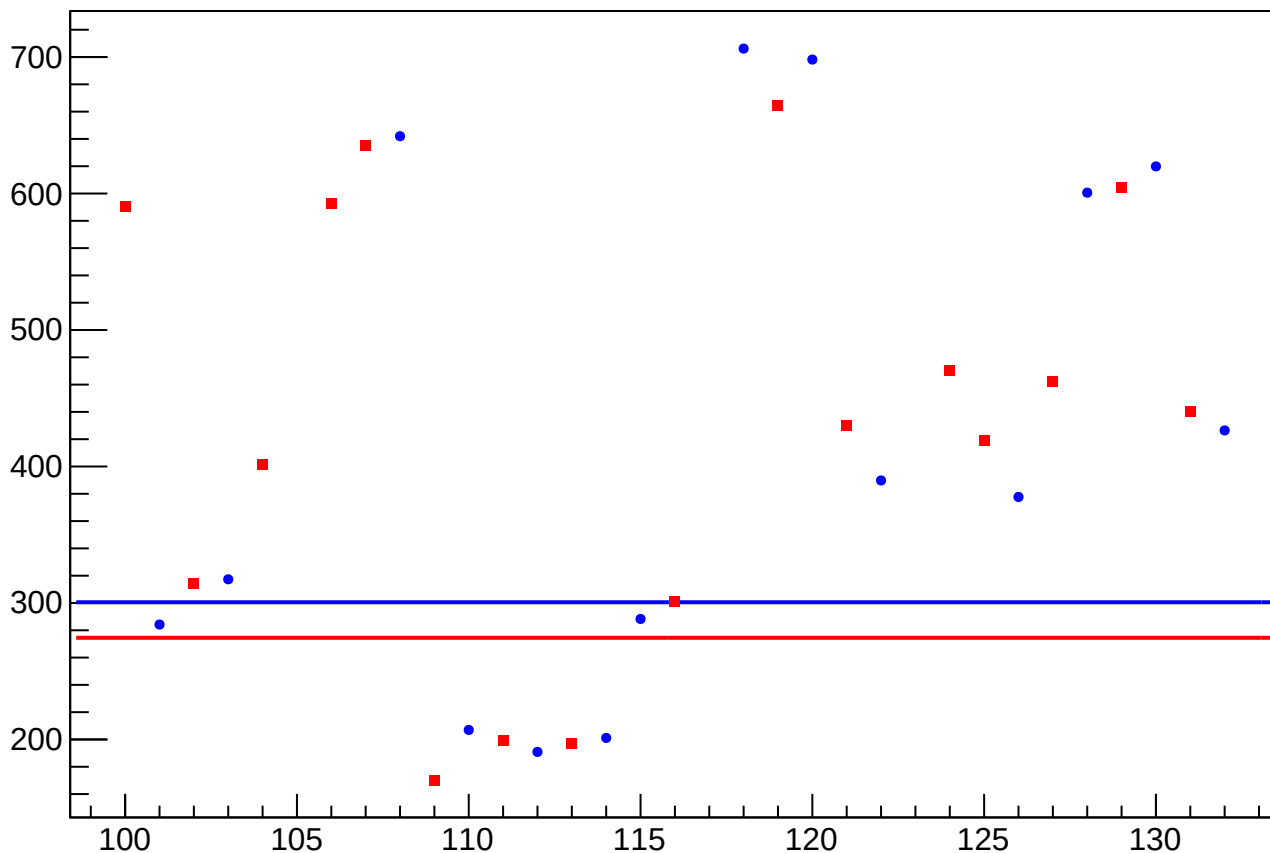
Right: 144.796+/-91.065 χ^2/NDF : 27.1/29

In: 0.605+/-135.526 χ^2/NDF : 14.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.796+/-91.065 χ^2/NDF : 27.1/29

asym_sam7_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 300.534+/-0.096 χ^2/NDF : 2030056.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 274.503+/-0.087 χ^2/NDF : 2263416.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

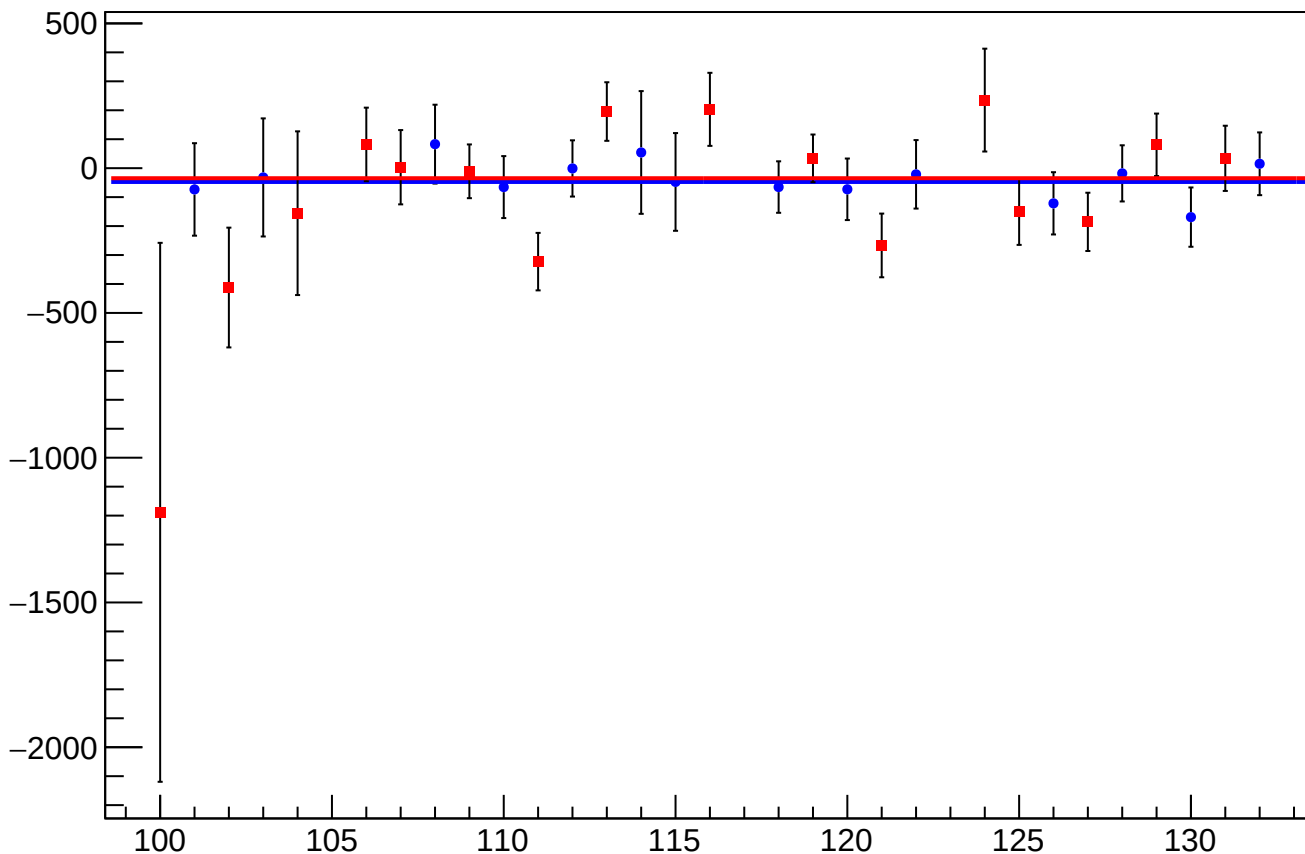
Right: 286.256+/-0.064 χ^2/NDF : 4333942.7/29

In: 300.534+/-0.096 χ^2/NDF : 2030056.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 286.256+/-0.064 χ^2/NDF : 4333942.7/29

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -47.602 ± 31.194 χ^2/NDF : 3.9/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -34.711 ± 29.625 χ^2/NDF : 35.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

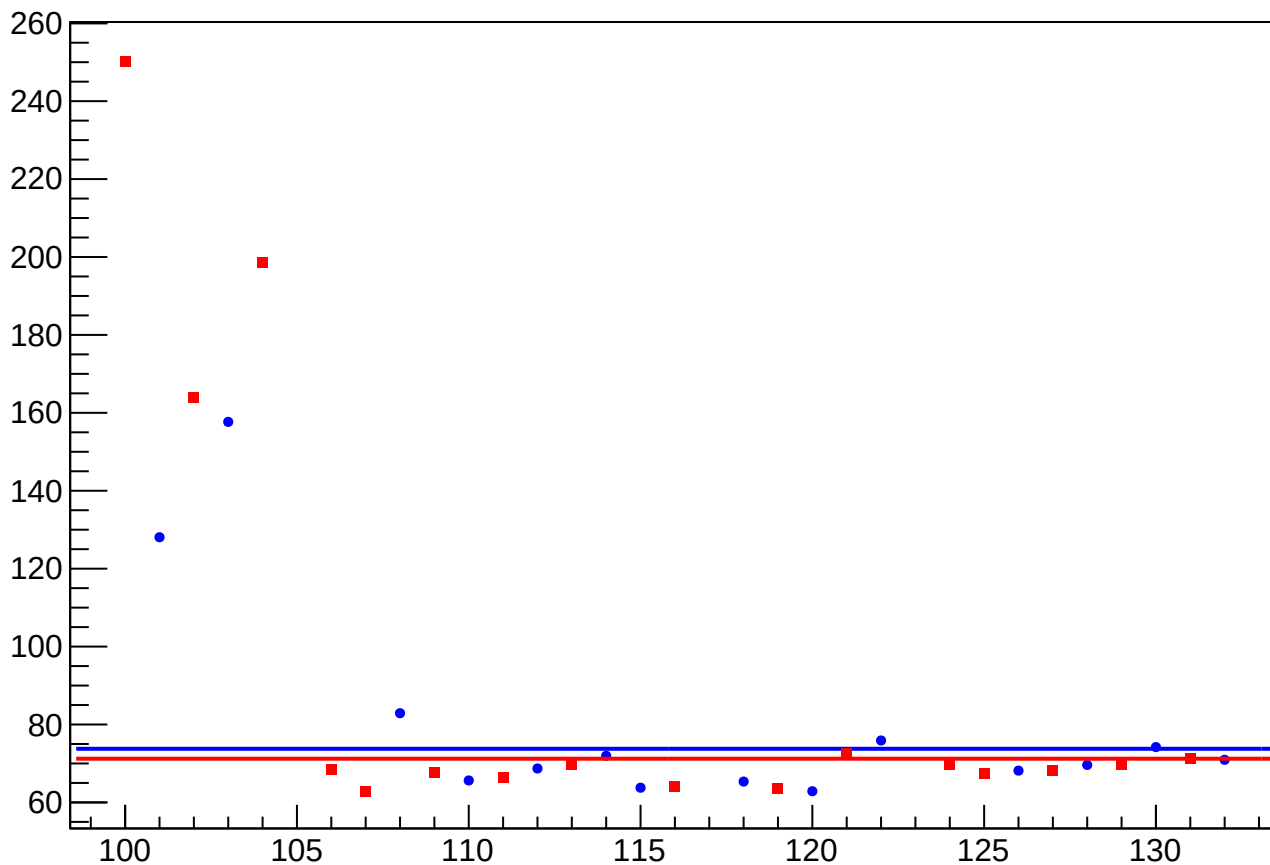
Right: -40.824 ± 21.481 χ^2/NDF : 39.4/29

In: -47.602 ± 31.194 χ^2/NDF : 3.9/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -40.824 ± 21.481 χ^2/NDF : 39.4/29

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 73.769+/-0.022 χ^2/NDF : 652939.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.224+/-0.021 χ^2/NDF : 928229.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

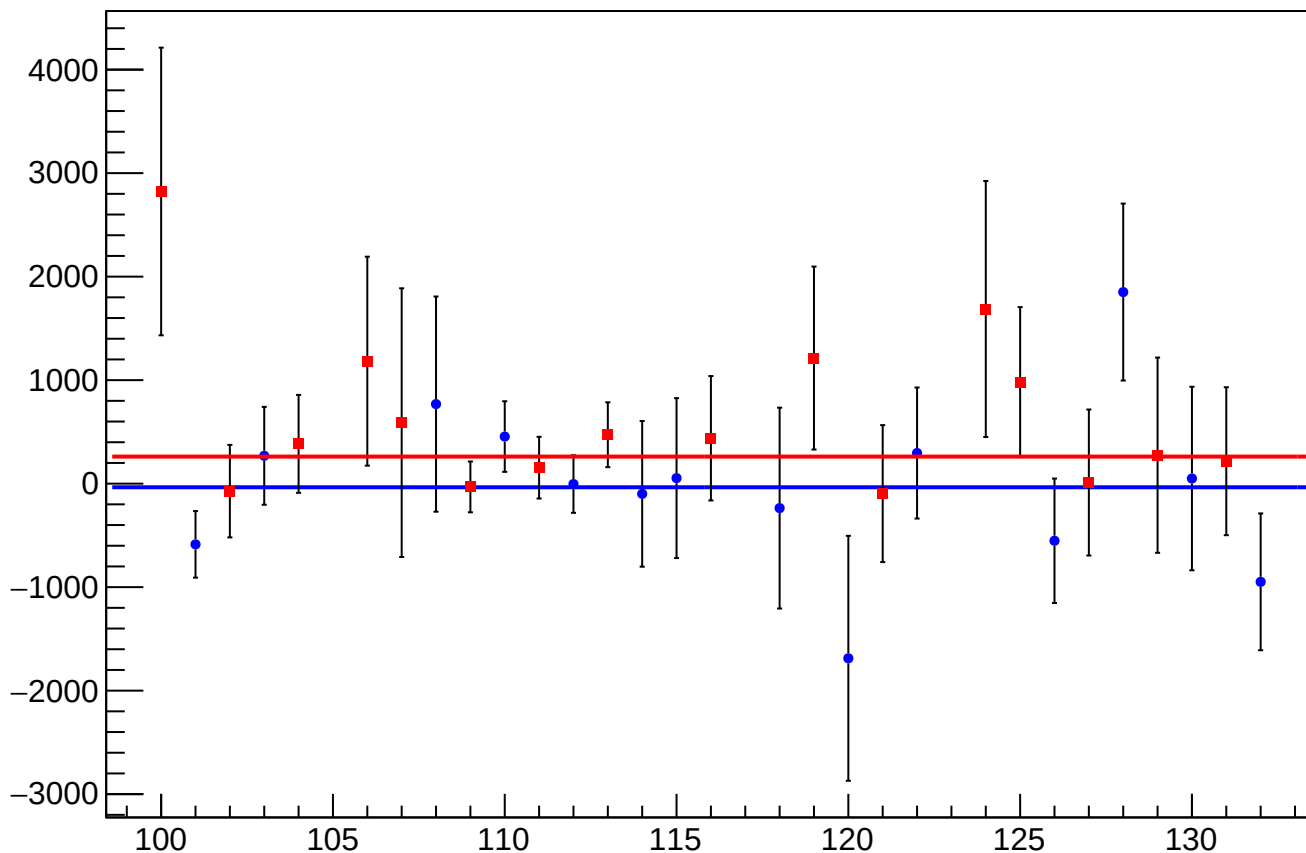
Right: 72.431+/-0.015 χ^2/NDF : 1588165.4/29

In: 73.769+/-0.022 χ^2/NDF : 652939.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.431+/-0.015 χ^2/NDF : 1588165.4/29

asym_sam7_dit_correction_mean vs Slug, Sign Corrected



Right In: -35.005 ± 138.365 χ^2/NDF : 15.8/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 261.498 ± 125.394 χ^2/NDF : 10.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

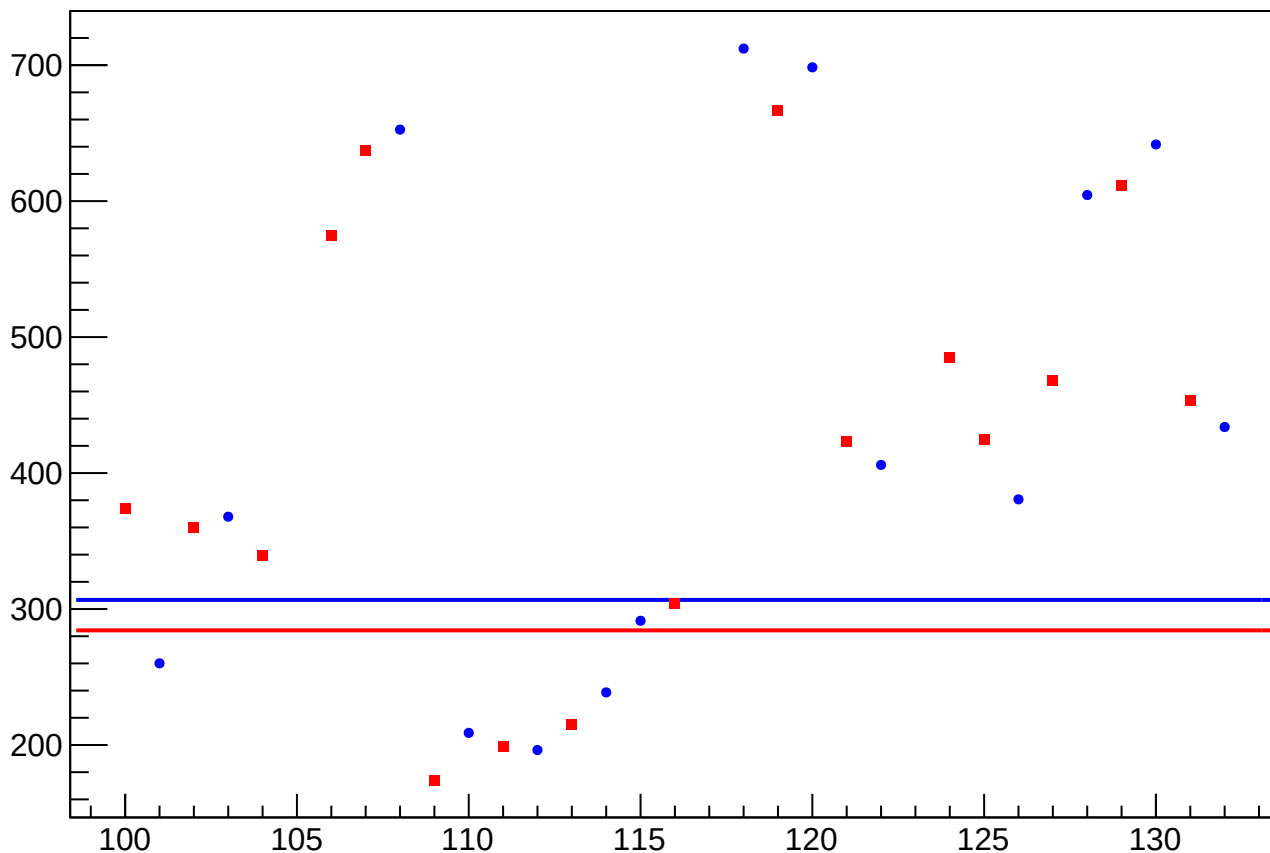
Right: 127.792 ± 92.915 χ^2/NDF : 29.3/29

In: -35.005 ± 138.365 χ^2/NDF : 15.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 127.792 ± 92.915 χ^2/NDF : 29.3/29

asym_sam7_dit_correction_rms vs Slug, Sign Corrected



Right In: 306.714+/-0.098 χ^2/NDF : 2045474.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 284.300+/-0.089 χ^2/NDF : 2151131.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

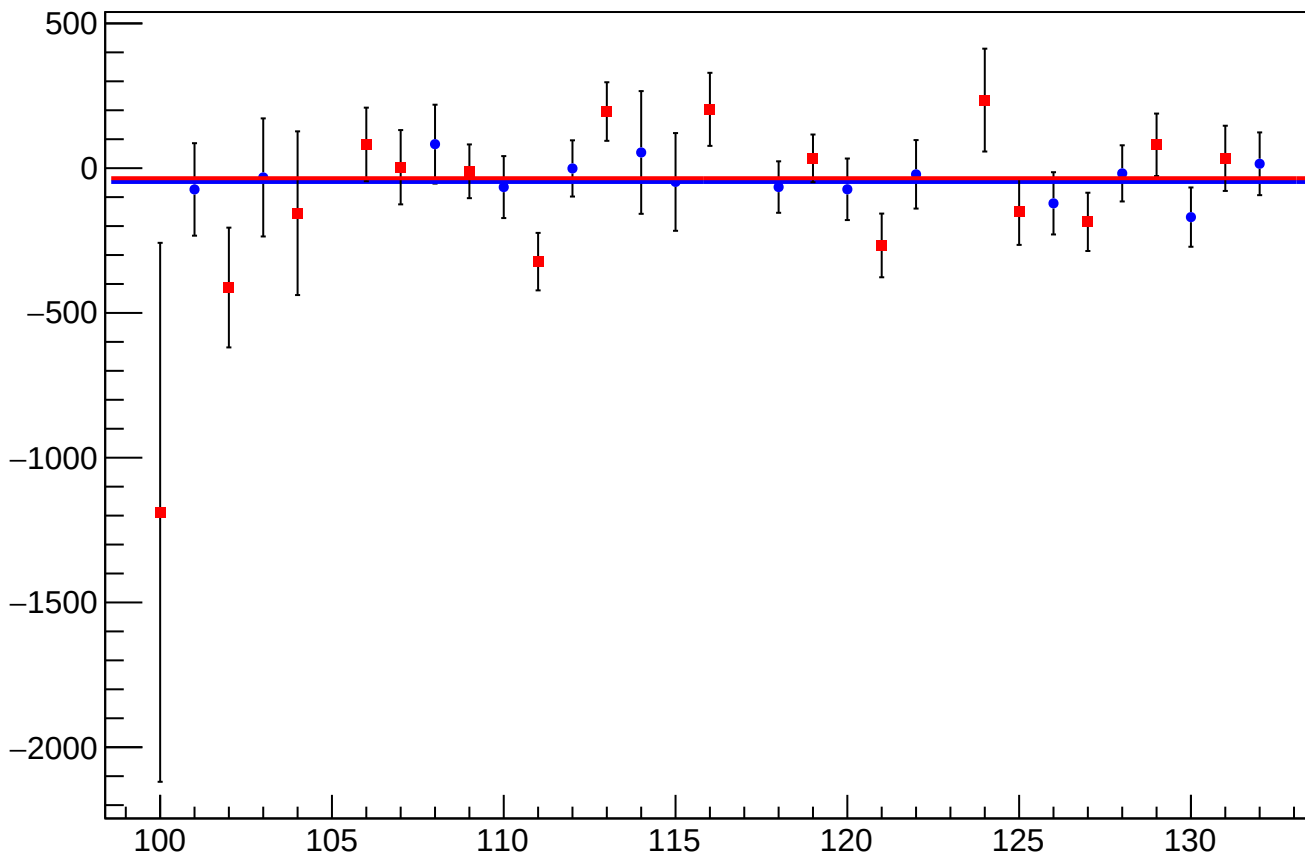
Right: 294.407+/-0.066 χ^2/NDF : 4225422.8/29

In: 306.714+/-0.098 χ^2/NDF : 2045474.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 294.407+/-0.066 χ^2/NDF : 4225422.8/29

eigen_dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -47.602 ± 31.194 χ^2/NDF : 3.9/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -34.712 ± 29.625 χ^2/NDF : 35.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

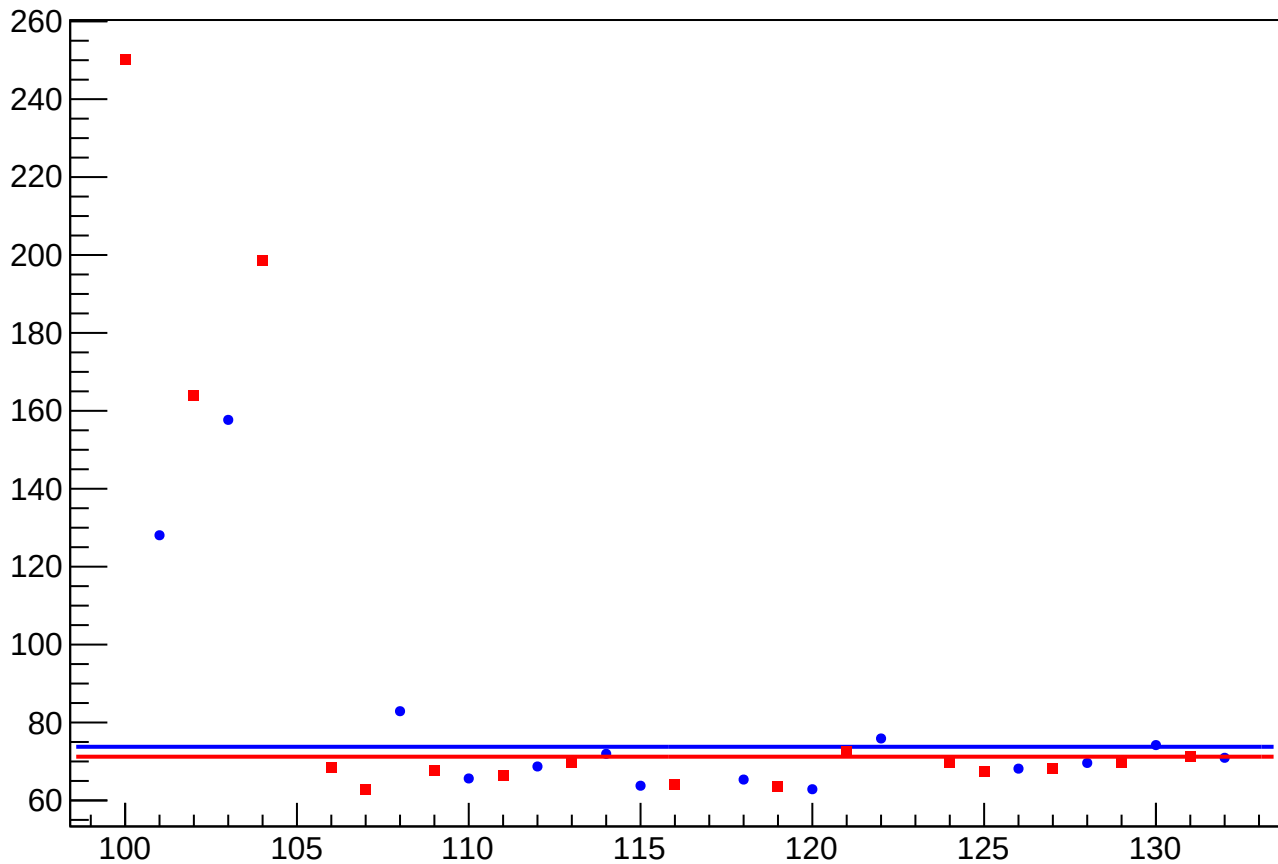
Right: -40.825 ± 21.481 χ^2/NDF : 39.4/29

In: -47.602 ± 31.194 χ^2/NDF : 3.9/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -40.825 ± 21.481 χ^2/NDF : 39.4/29

eigen_dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 73.769+/-0.022 χ^2/NDF : 652941.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.224+/-0.021 χ^2/NDF : 928229.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

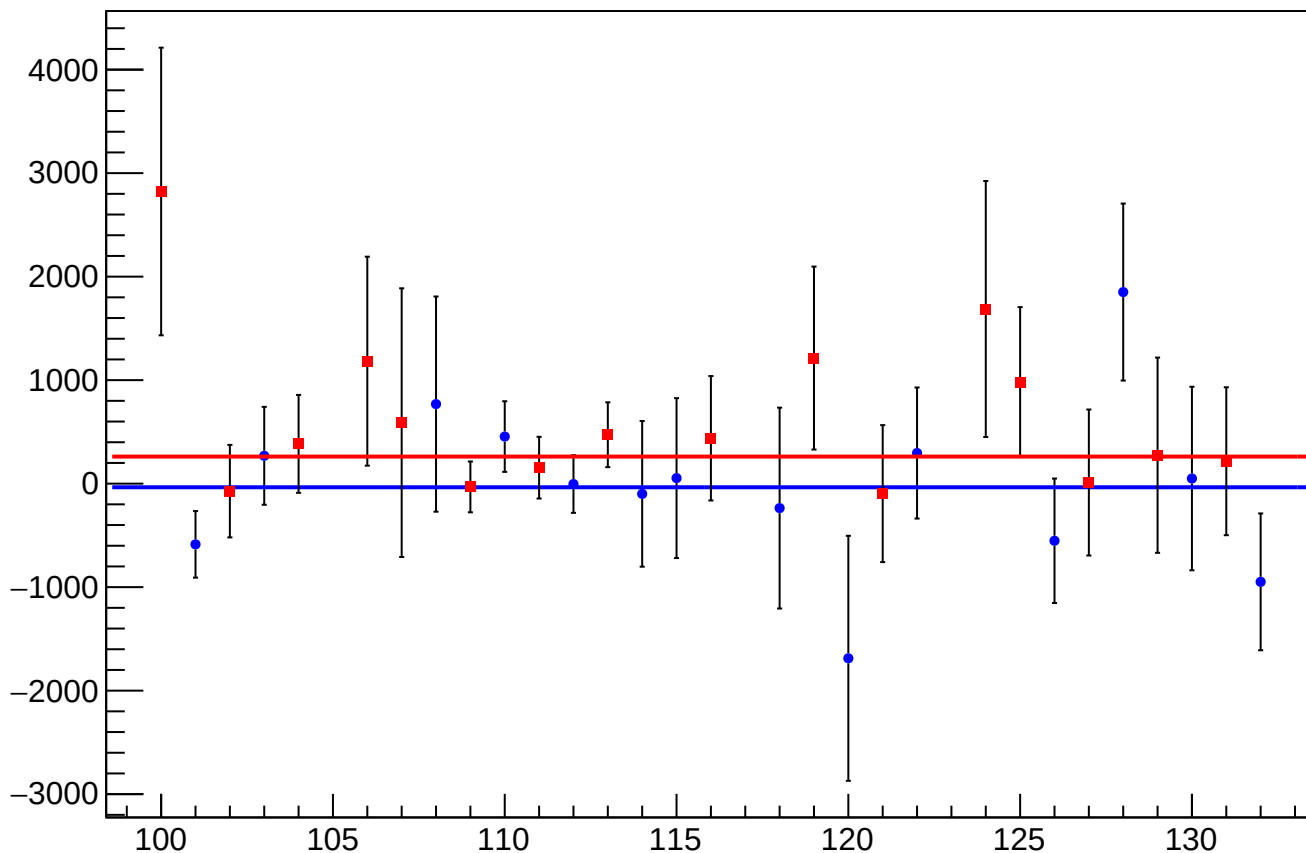
Right: 72.431+/-0.015 χ^2/NDF : 1588167.4/29

In: 73.769+/-0.022 χ^2/NDF : 652941.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.431+/-0.015 χ^2/NDF : 1588167.4/29

asym_sam7_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -35.005 ± 138.364 χ^2/NDF : 15.8/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 261.497 ± 125.394 χ^2/NDF : 10.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

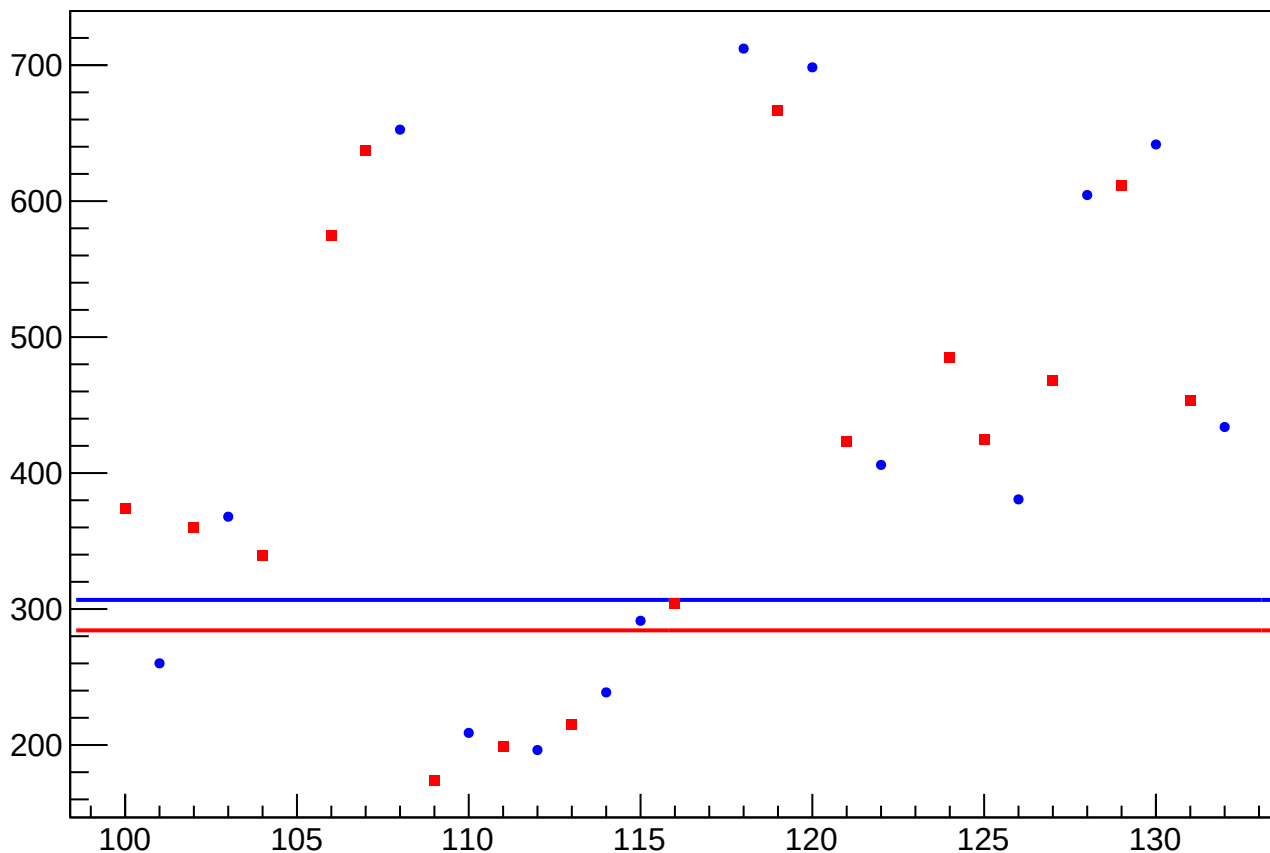
Right: 127.791 ± 92.915 χ^2/NDF : 29.3/29

In: -35.005 ± 138.364 χ^2/NDF : 15.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 127.791 ± 92.915 χ^2/NDF : 29.3/29

asym_sam7_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 306.711+/-0.098 χ^2/NDF : 2045501.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 284.298+/-0.089 χ^2/NDF : 2151139.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

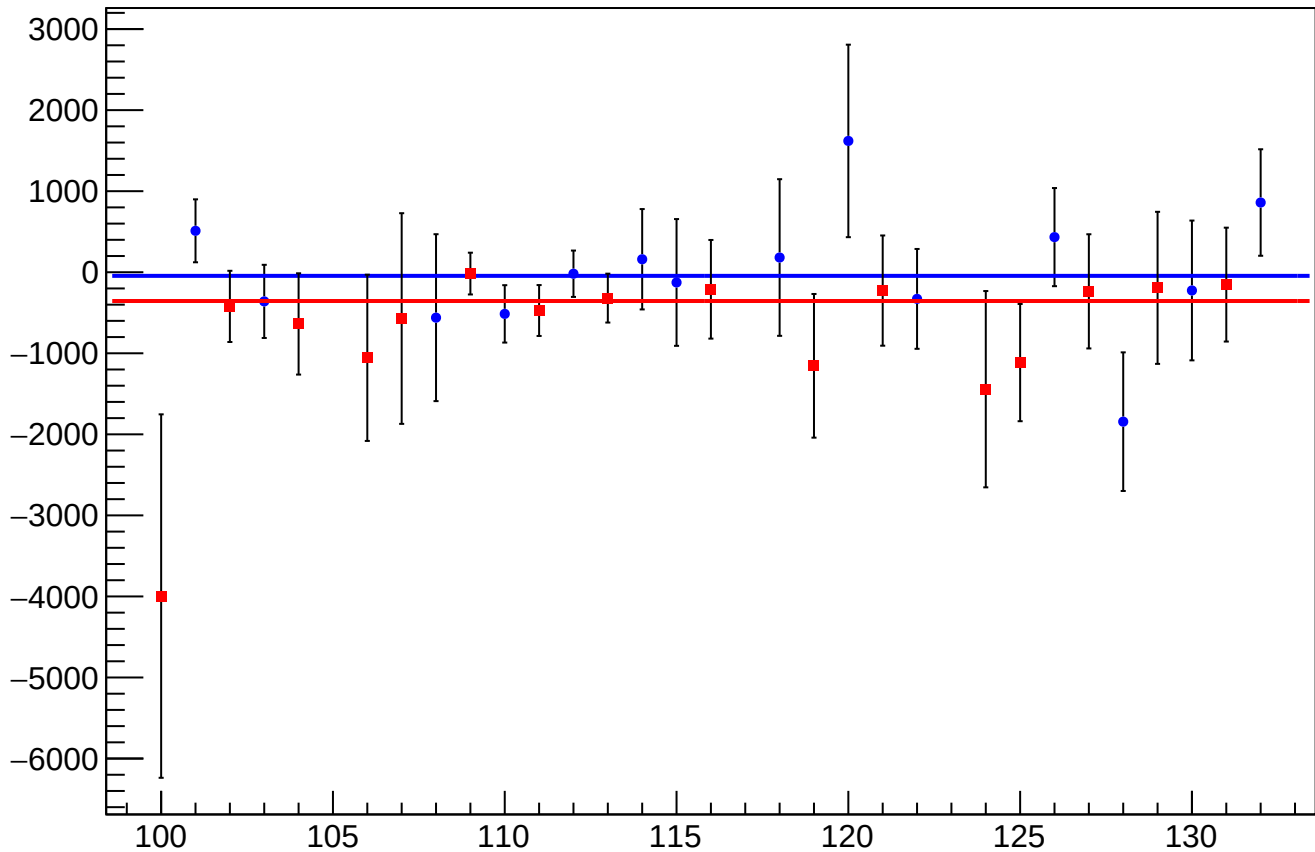
Right: 294.405+/-0.066 χ^2/NDF : 4225455.4/29

In: 306.711+/-0.098 χ^2/NDF : 2045501.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 294.405+/-0.066 χ^2/NDF : 4225455.4/29

asym_sam7_mean vs Slug, Sign Corrected



Right In: -44.683 $\pm$ 142.712 χ^2 /NDF: 13.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -354.983 $\pm$ 129.543 χ^2 /NDF: 8.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

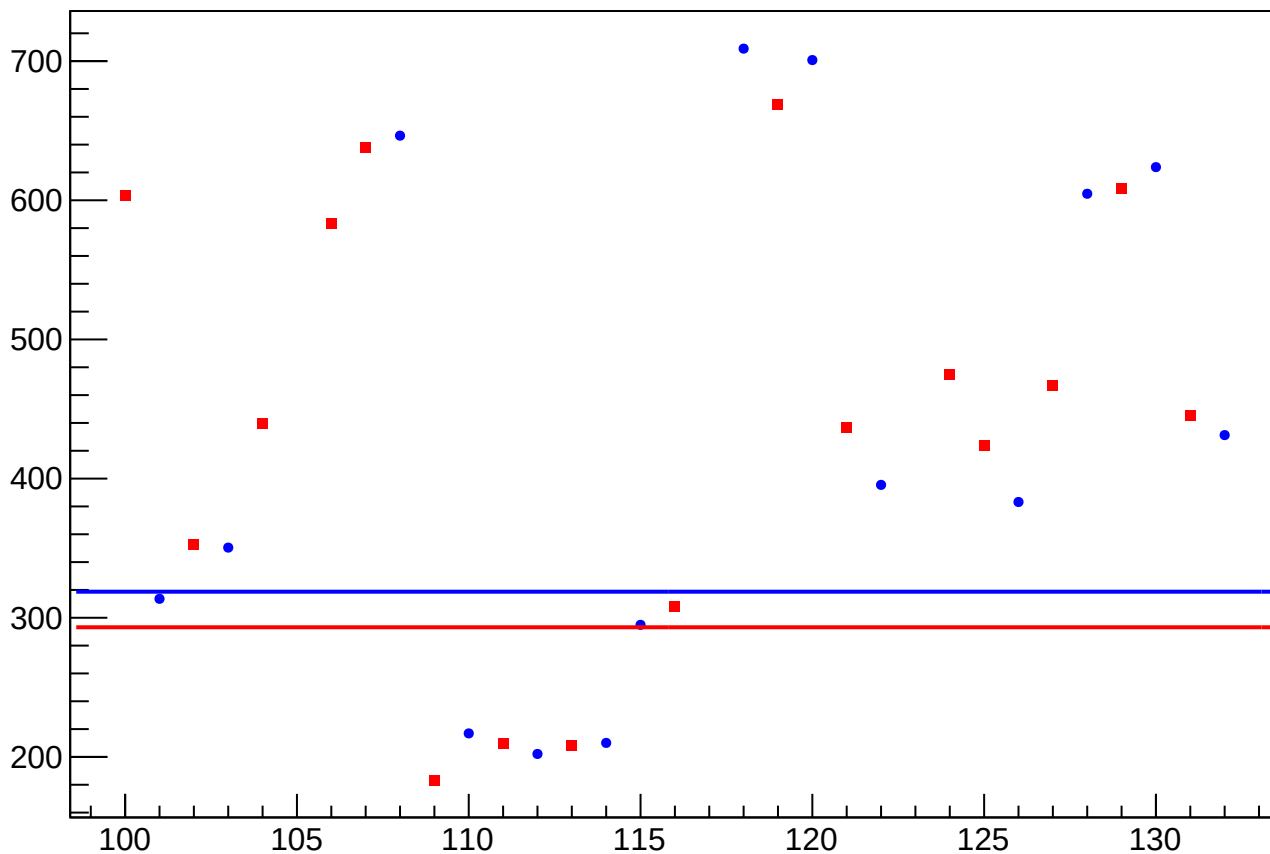
Right: -214.806 $\pm$ 95.919 χ^2 /NDF: 24.7/29

In: -44.683 $\pm$ 142.712 χ^2 /NDF:13.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -214.806 $\pm$ 95.919 χ^2 /NDF: 24.7/29

asym_sam7_rms vs Slug, Sign Corrected



Right In: 318.736+/-0.101 χ^2/NDF : 1893576.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 293.169+/-0.092 χ^2/NDF : 2152281.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

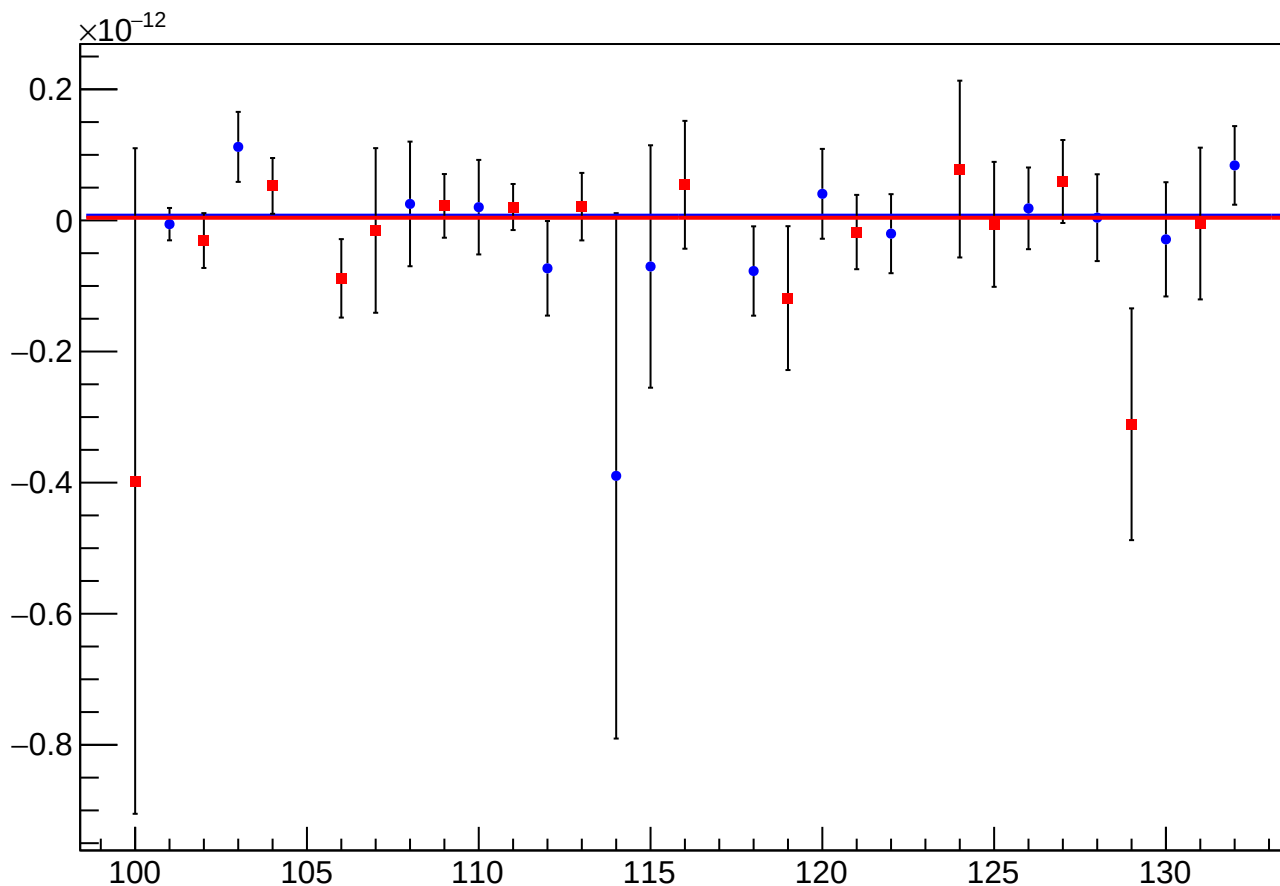
Right: 304.719+/-0.068 χ^2/NDF : 4081048.8/29

In: 318.736+/-0.101 χ^2/NDF : 1893576.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 304.719+/-0.068 χ^2/NDF : 4081048.8/29

asym_sam7_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

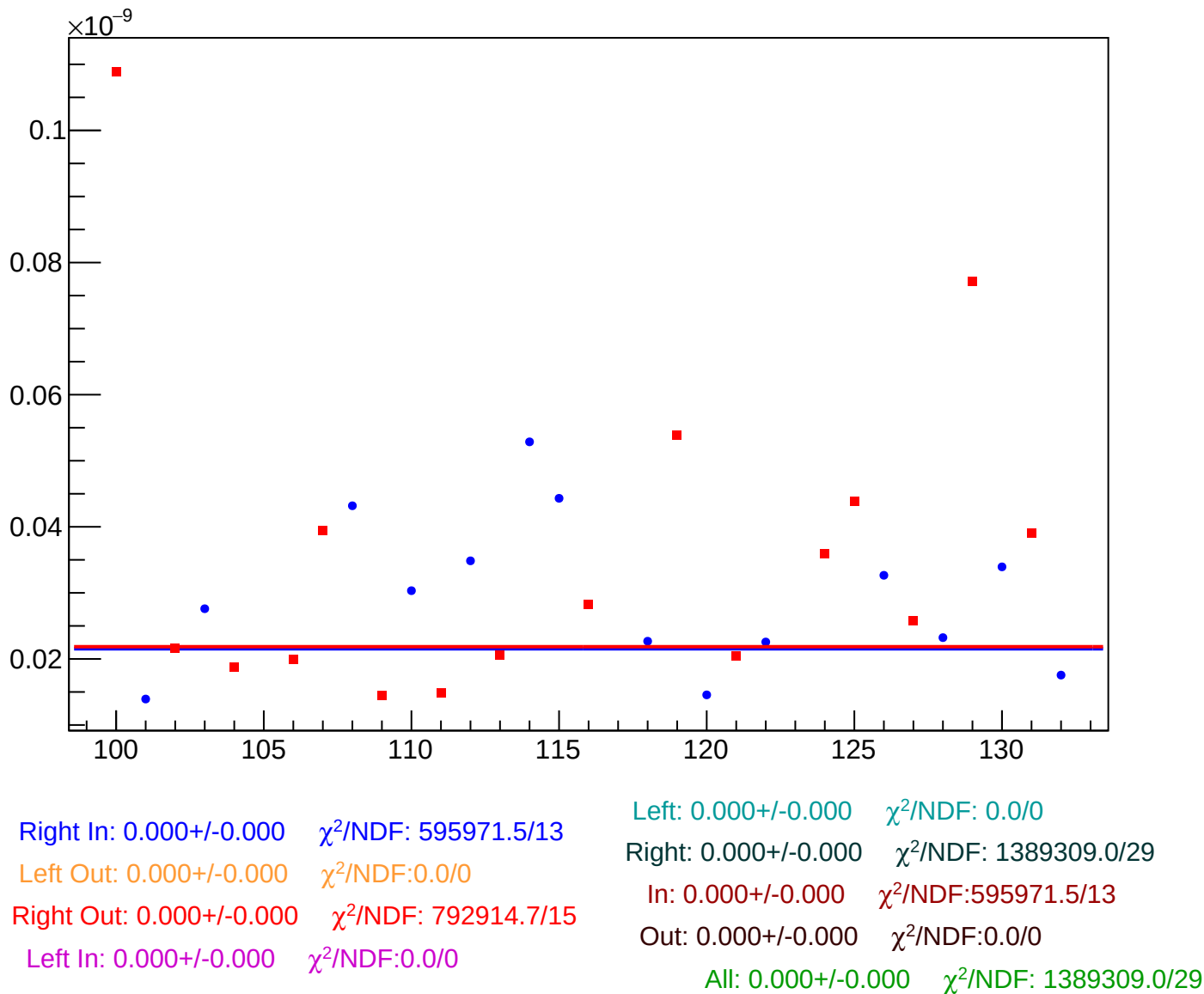
Right: 0.000+/-0.000 χ^2/NDF : 21.9/29

In: 0.000+/-0.000 χ^2/NDF : 10.4/13

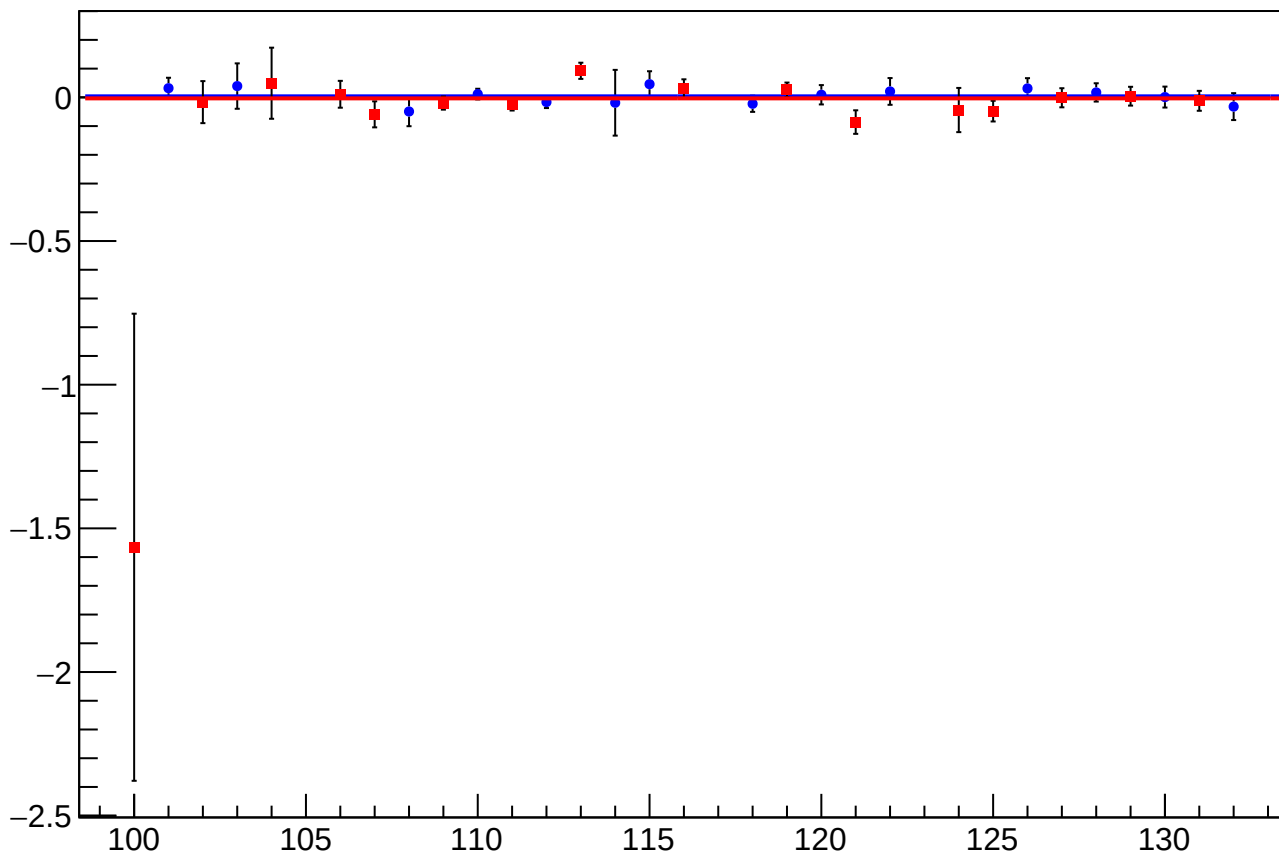
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.9/29

asym_sam7_reg_vs_cor_diff_rms vs Slug, Sign Corrected



asym_sam7_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004 $\pm$ 0.009 χ^2 /NDF: 6.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.009 χ^2 /NDF: 27.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

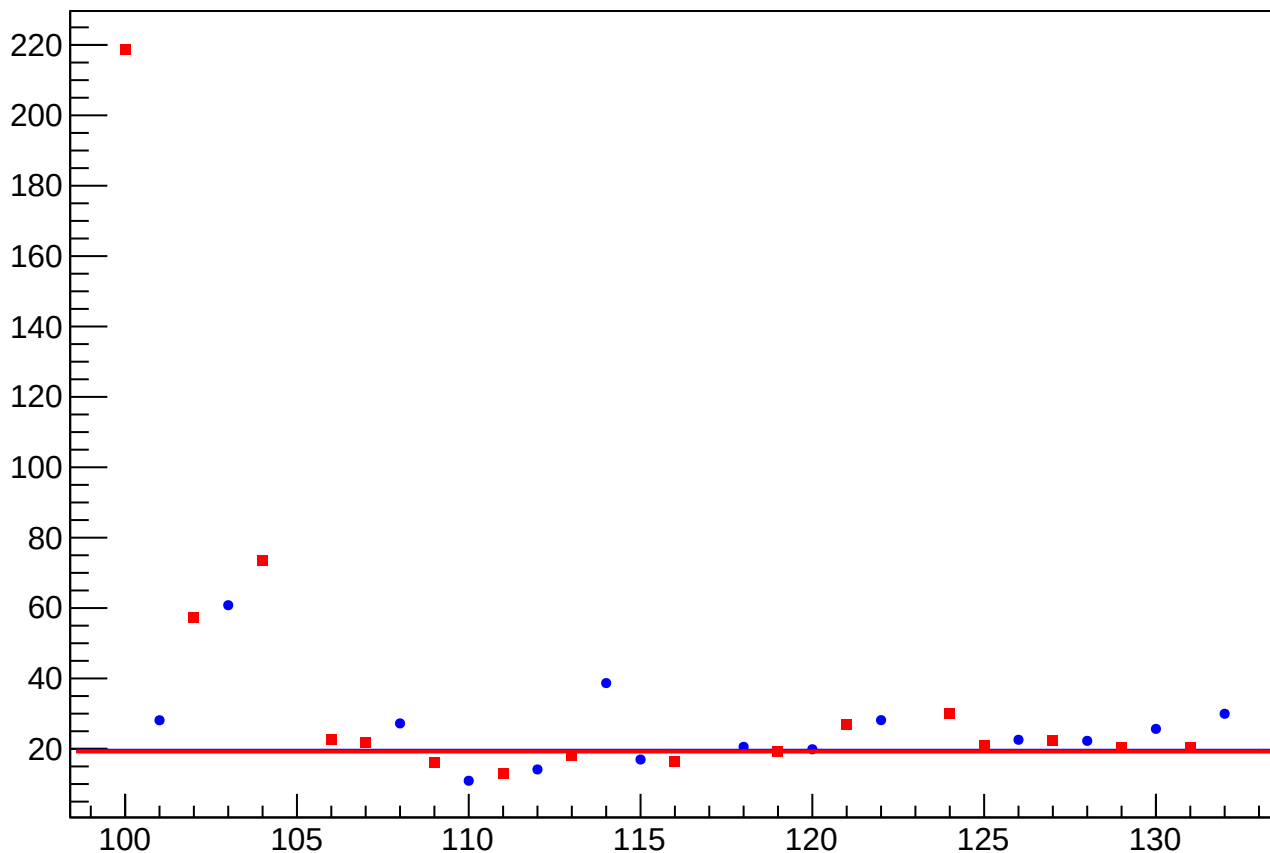
Right: -0.000 $\pm$ 0.006 χ^2 /NDF: 34.1/29

In: 0.004 $\pm$ 0.009 χ^2 /NDF:6.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.006 χ^2 /NDF: 34.1/29

asym_sam7_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.457+/-0.006 χ^2/NDF : 1584216.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.249+/-0.006 χ^2/NDF : 1462075.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

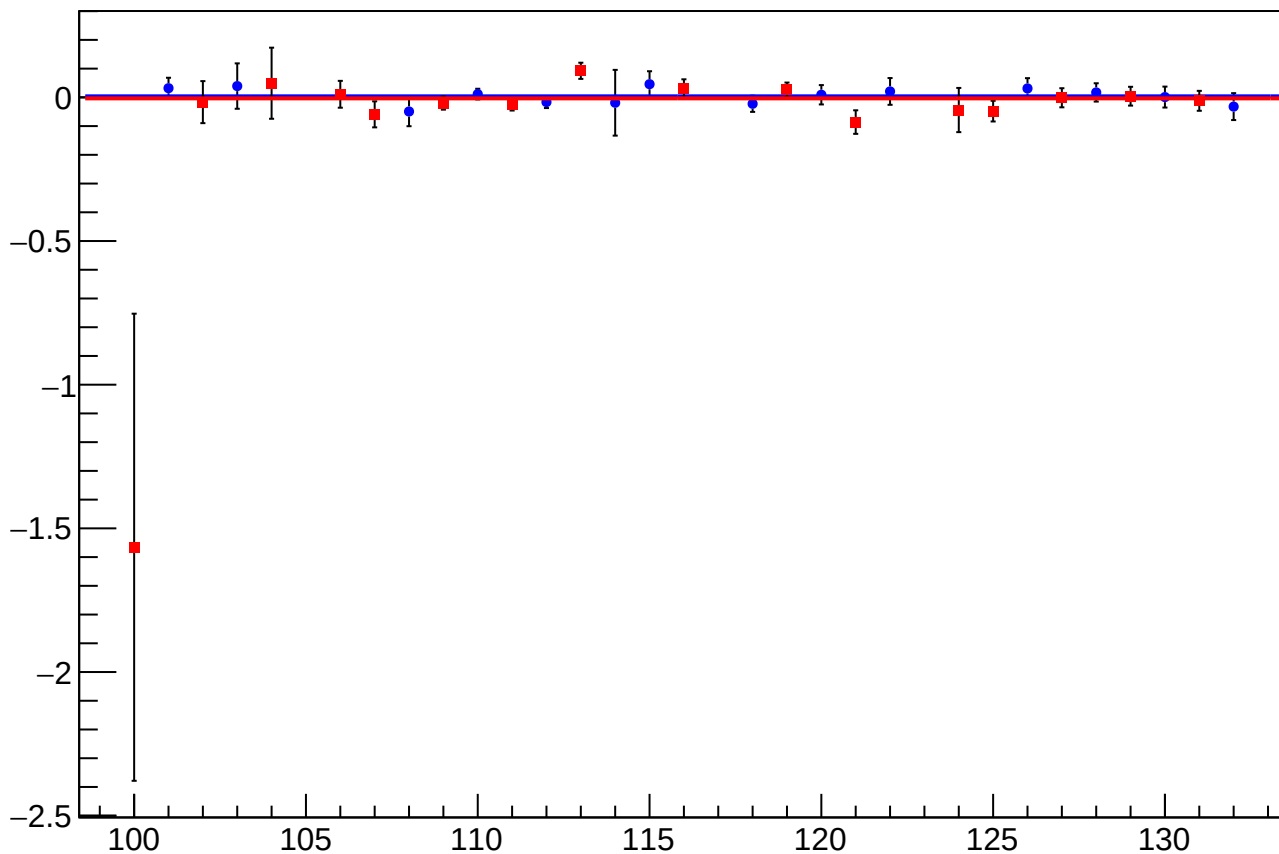
Right: 19.349+/-0.004 χ^2/NDF : 3046863.7/29

In: 19.457+/-0.006 χ^2/NDF : 1584216.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.349+/-0.004 χ^2/NDF : 3046863.7/29

asym_sam7_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004 $\pm$ 0.009 χ^2 /NDF: 6.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.009 χ^2 /NDF: 27.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

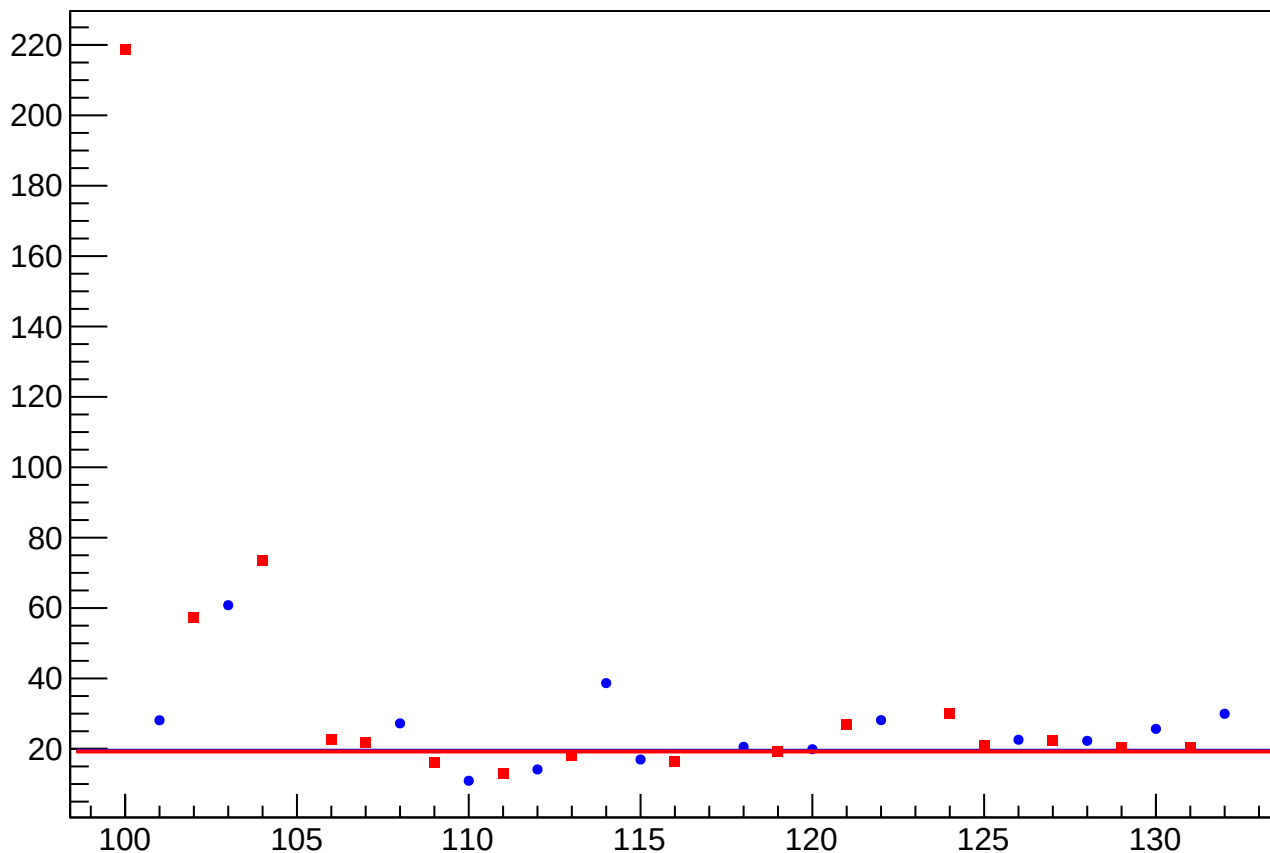
Right: -0.000 $\pm$ 0.006 χ^2 /NDF: 34.1/29

In: 0.004 $\pm$ 0.009 χ^2 /NDF:6.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.006 χ^2 /NDF: 34.1/29

asym_sam7_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.457+/-0.006 χ^2/NDF : 1584216.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.249+/-0.006 χ^2/NDF : 1462075.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

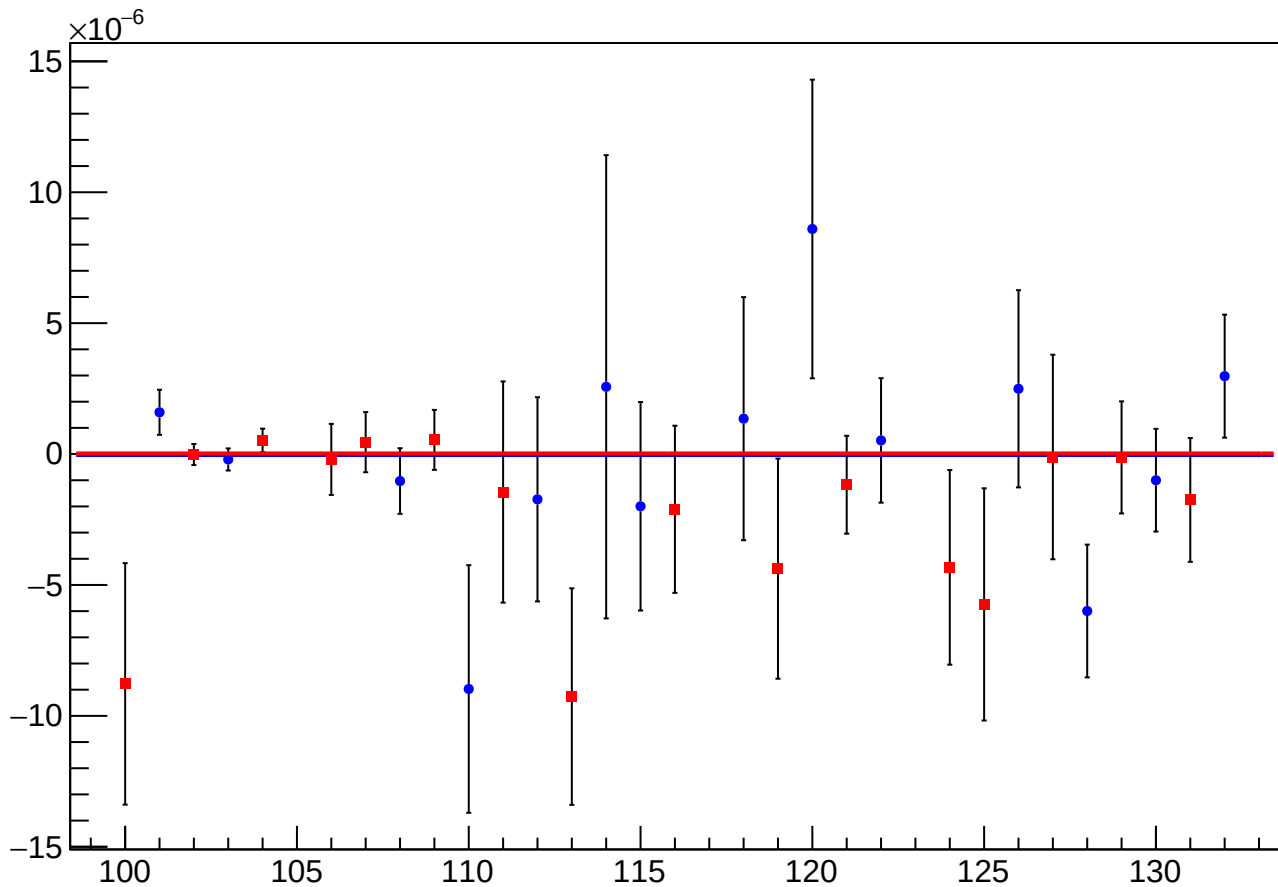
Right: 19.349+/-0.004 χ^2/NDF : 3046863.7/29

In: 19.457+/-0.006 χ^2/NDF : 1584216.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.349+/-0.004 χ^2/NDF : 3046863.7/29

asym_sam7_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 18.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

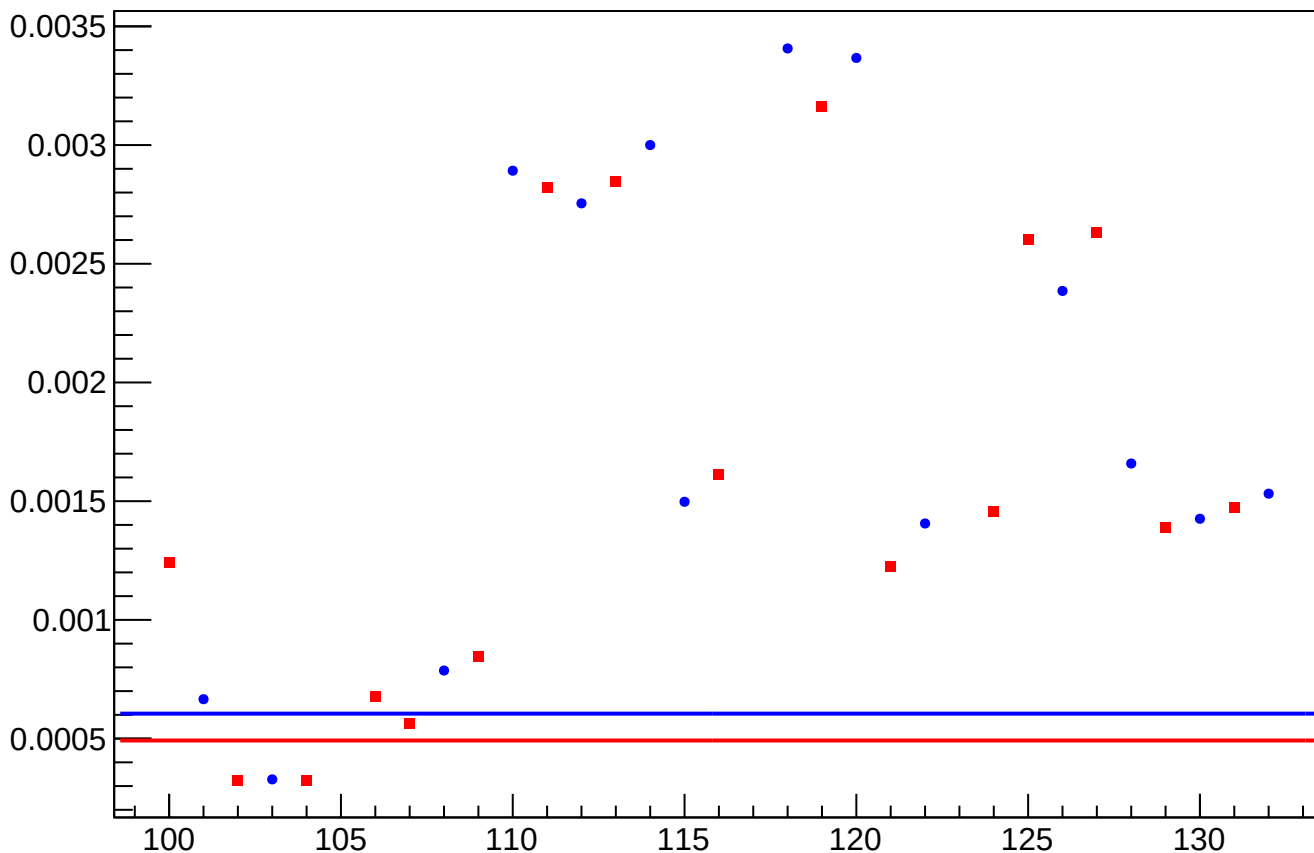
Right: 0.000+/-0.000 χ^2/NDF : 34.8/29

In: -0.000+/-0.000 χ^2/NDF : 18.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 34.8/29

asym_sam7_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 5113254.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5424827.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

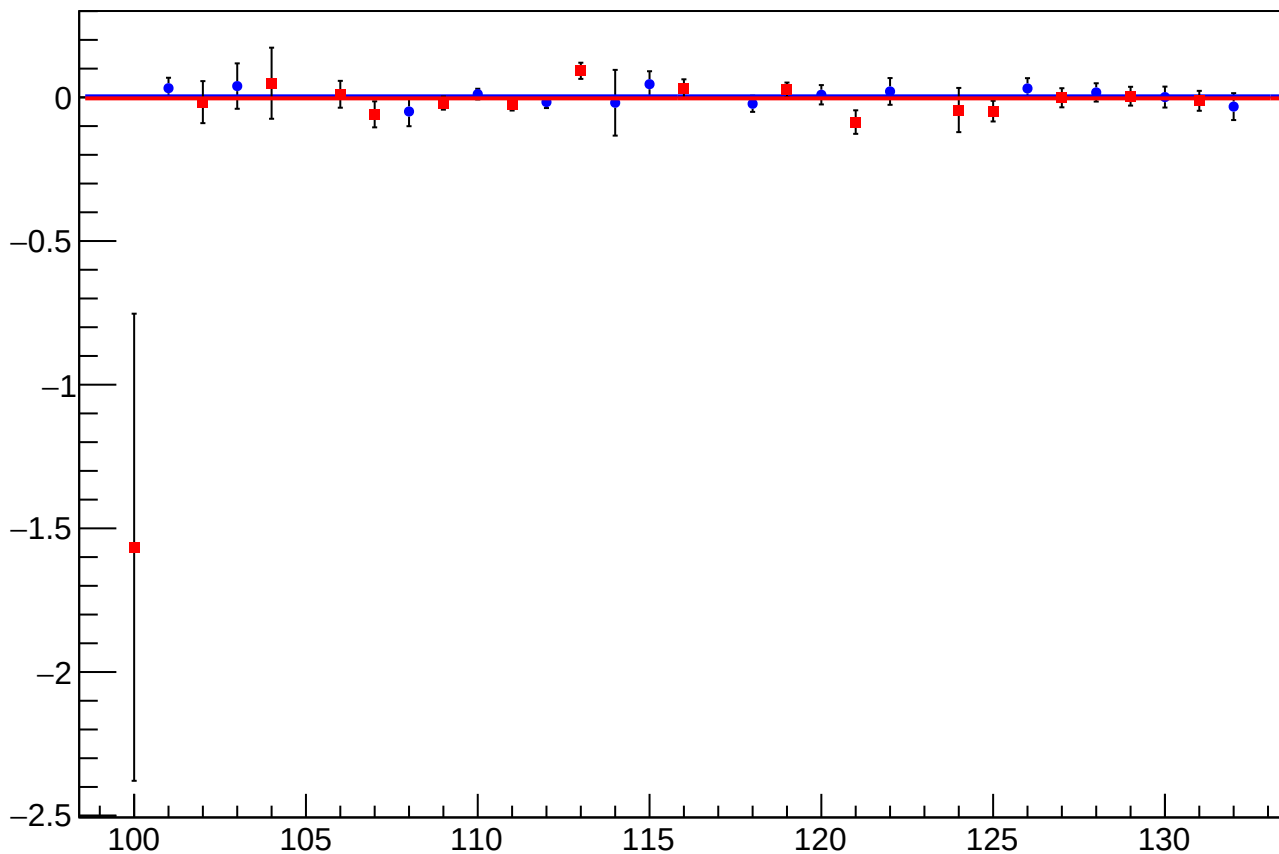
Right: 0.001+/-0.000 χ^2/NDF : 10676743.4/29

In: 0.001+/-0.000 χ^2/NDF : 5113254.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 10676743.4/29

asym_sam7_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004 $\pm$ 0.009 χ^2 /NDF: 6.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.009 χ^2 /NDF: 27.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

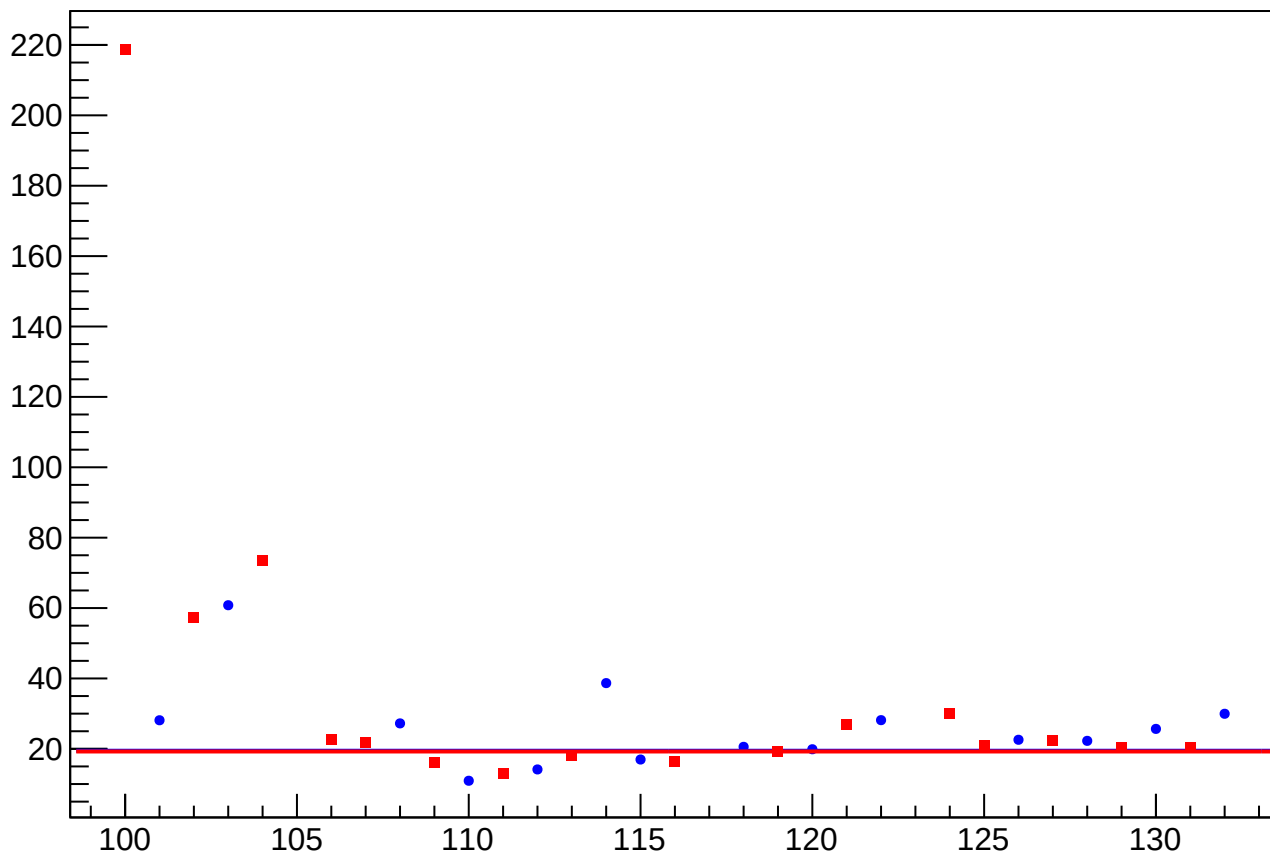
Right: -0.000 $\pm$ 0.006 χ^2 /NDF: 34.1/29

In: 0.004 $\pm$ 0.009 χ^2 /NDF:6.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.006 χ^2 /NDF: 34.1/29

asym_sam7_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.458+/-0.006 χ^2/NDF : 1584053.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.249+/-0.006 χ^2/NDF : 1462007.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

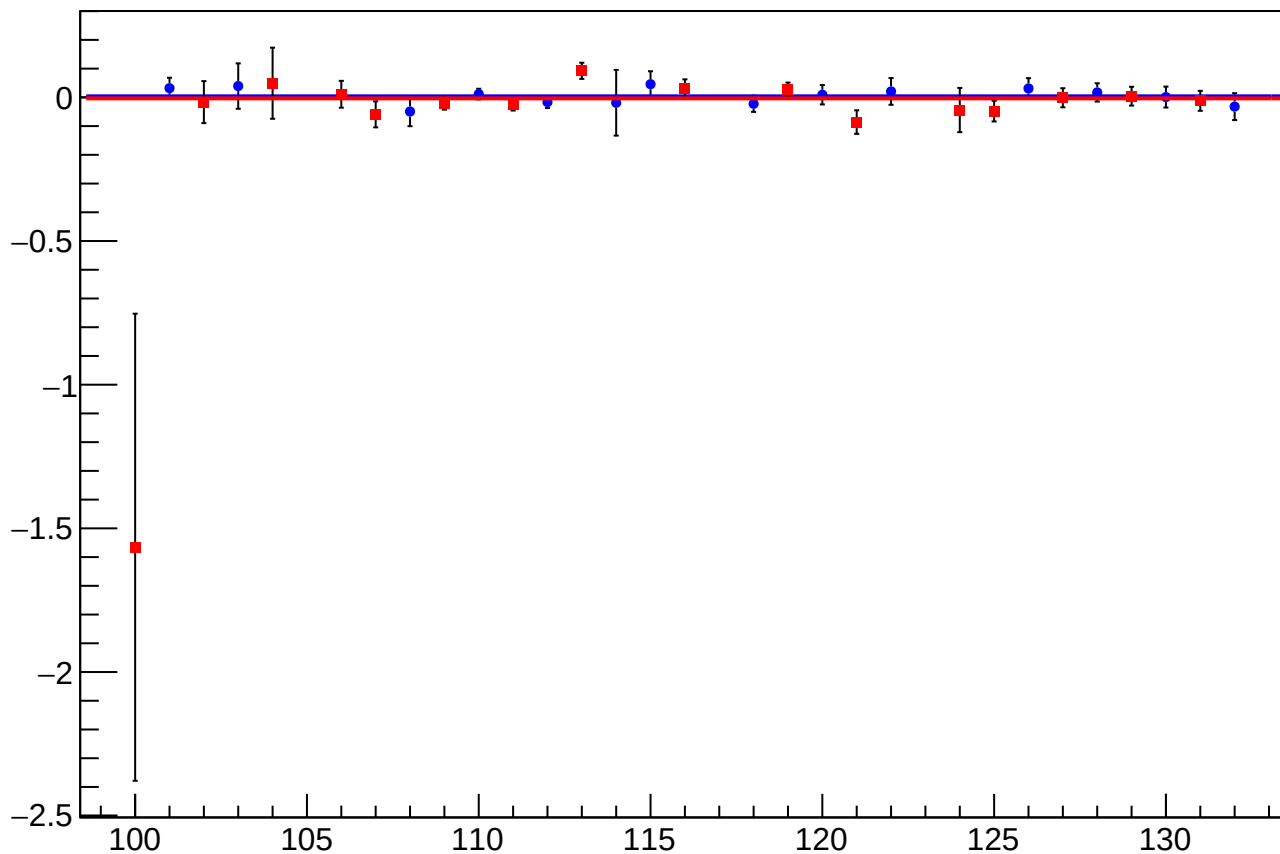
Right: 19.349+/-0.004 χ^2/NDF : 3046635.3/29

In: 19.458+/-0.006 χ^2/NDF : 1584053.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.349+/-0.004 χ^2/NDF : 3046635.3/29

asym_sam7_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004 ± 0.009 χ^2/NDF : 6.3/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.004 ± 0.009 χ^2/NDF : 27.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

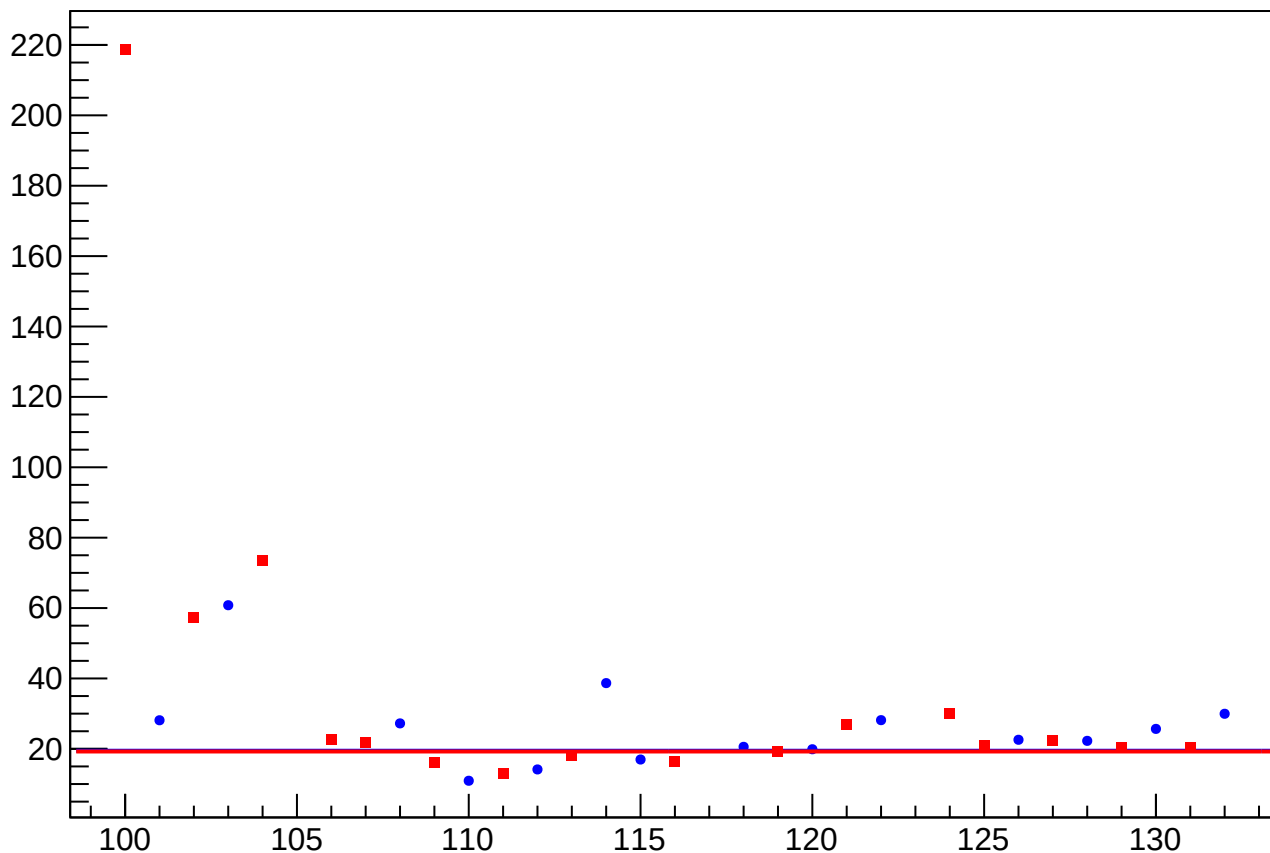
Right: -0.000 ± 0.006 χ^2/NDF : 34.1/29

In: 0.004 ± 0.009 χ^2/NDF : 6.3/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.006 χ^2/NDF : 34.1/29

asym_sam7_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.458+/-0.006 χ^2/NDF : 1584053.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.249+/-0.006 χ^2/NDF : 1462007.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

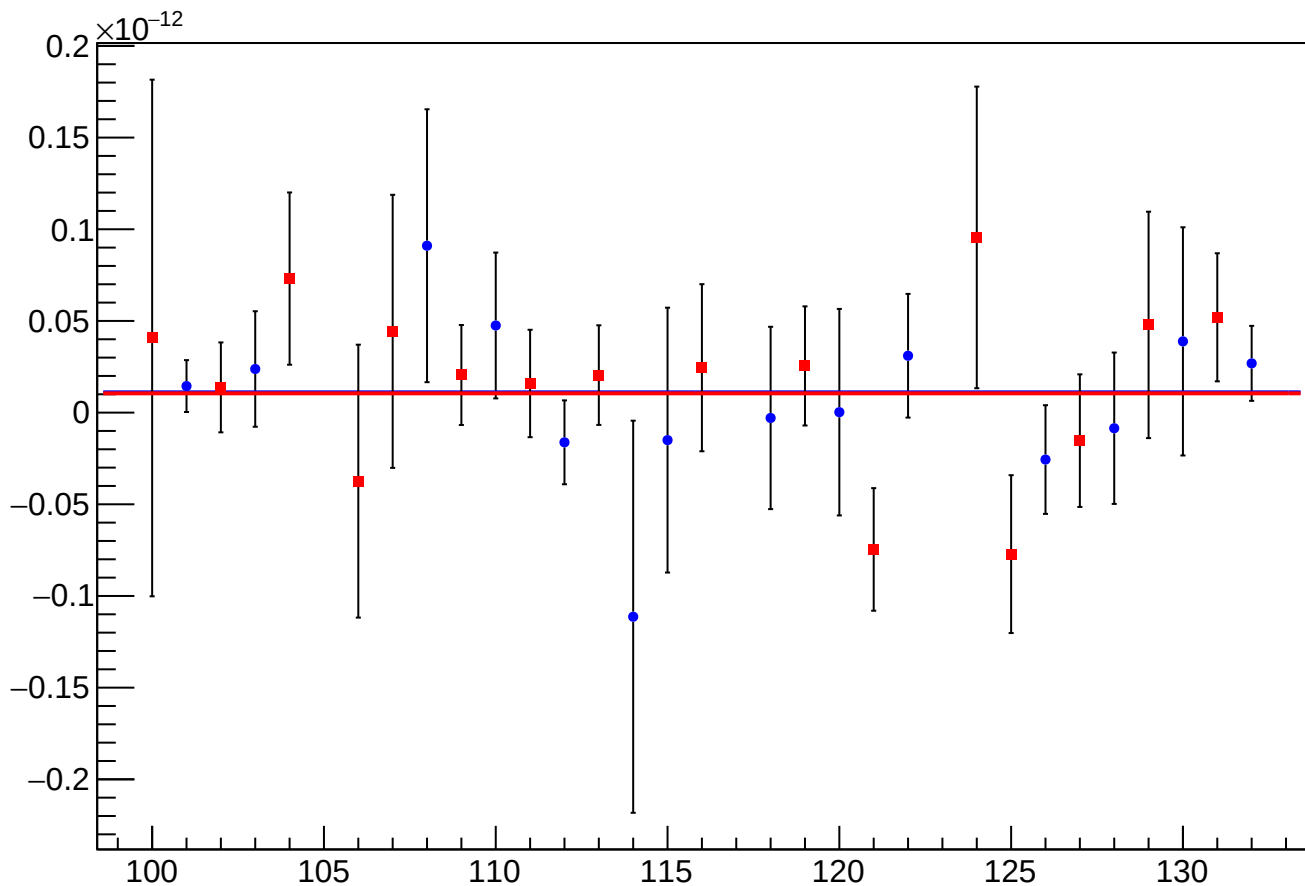
Right: 19.349+/-0.004 χ^2/NDF : 3046635.3/29

In: 19.458+/-0.006 χ^2/NDF : 1584053.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.349+/-0.004 χ^2/NDF : 3046635.3/29

asym_sam7_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

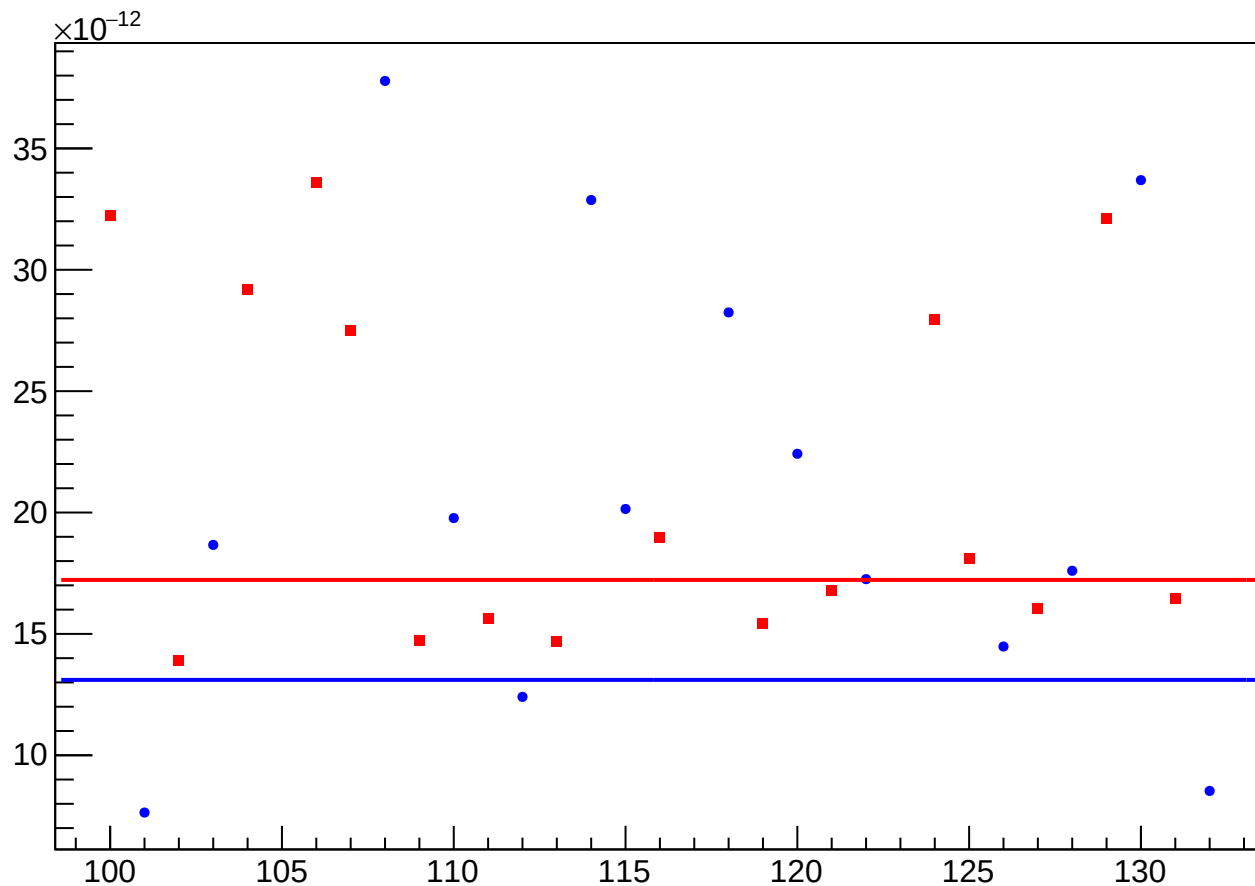
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 25.2/29

In: 0.000 $\pm$ 0.000 χ^2 /NDF:8.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 25.2/29

asym_sam7_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1343400.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 528009.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

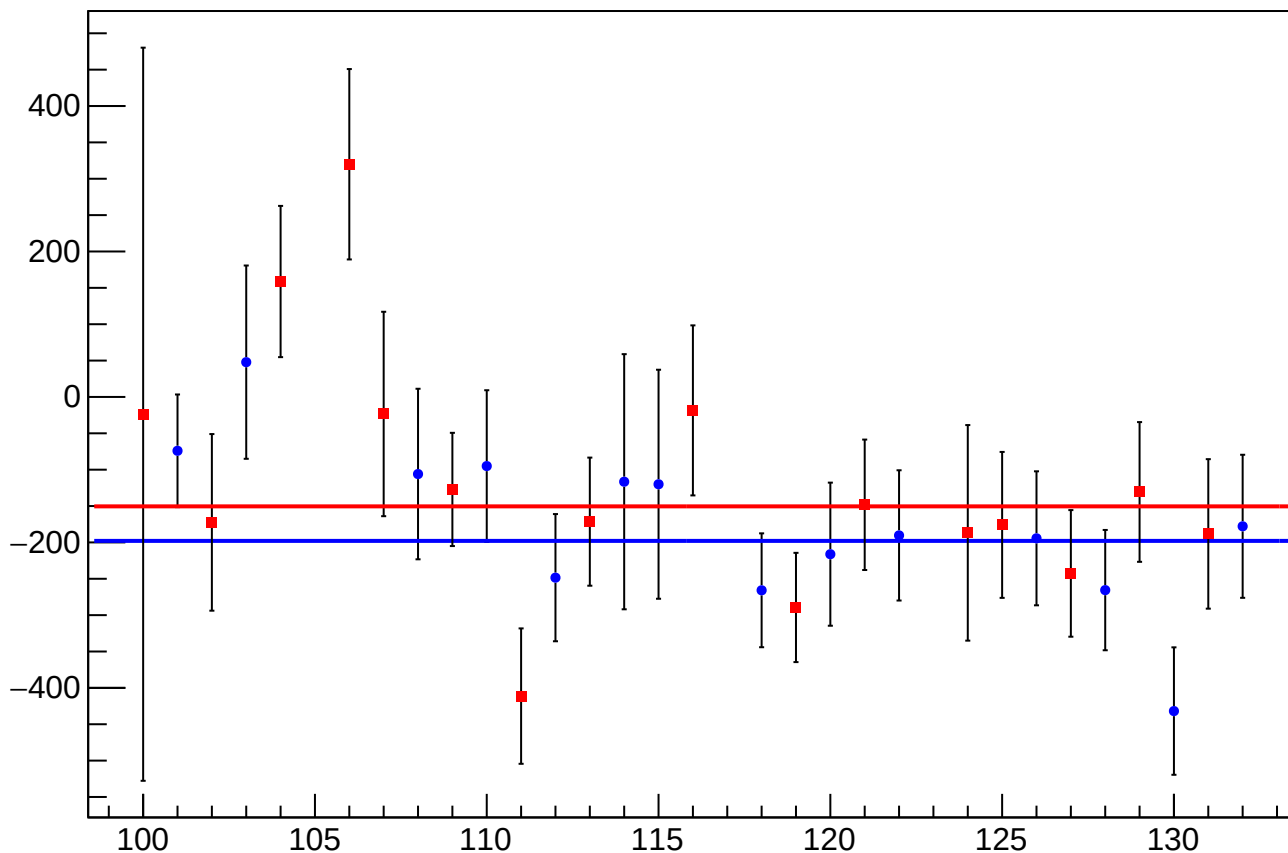
Right: 0.000+/-0.000 χ^2/NDF : 2089405.0/29

In: 0.000+/-0.000 χ^2/NDF : 1343400.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2089405.0/29

reg_asym_sam8_mean vs Slug, Sign Corrected



Right In: -197.916 ± 25.988 χ^2/NDF : 17.0/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -150.443 ± 25.504 χ^2/NDF : 36.8/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

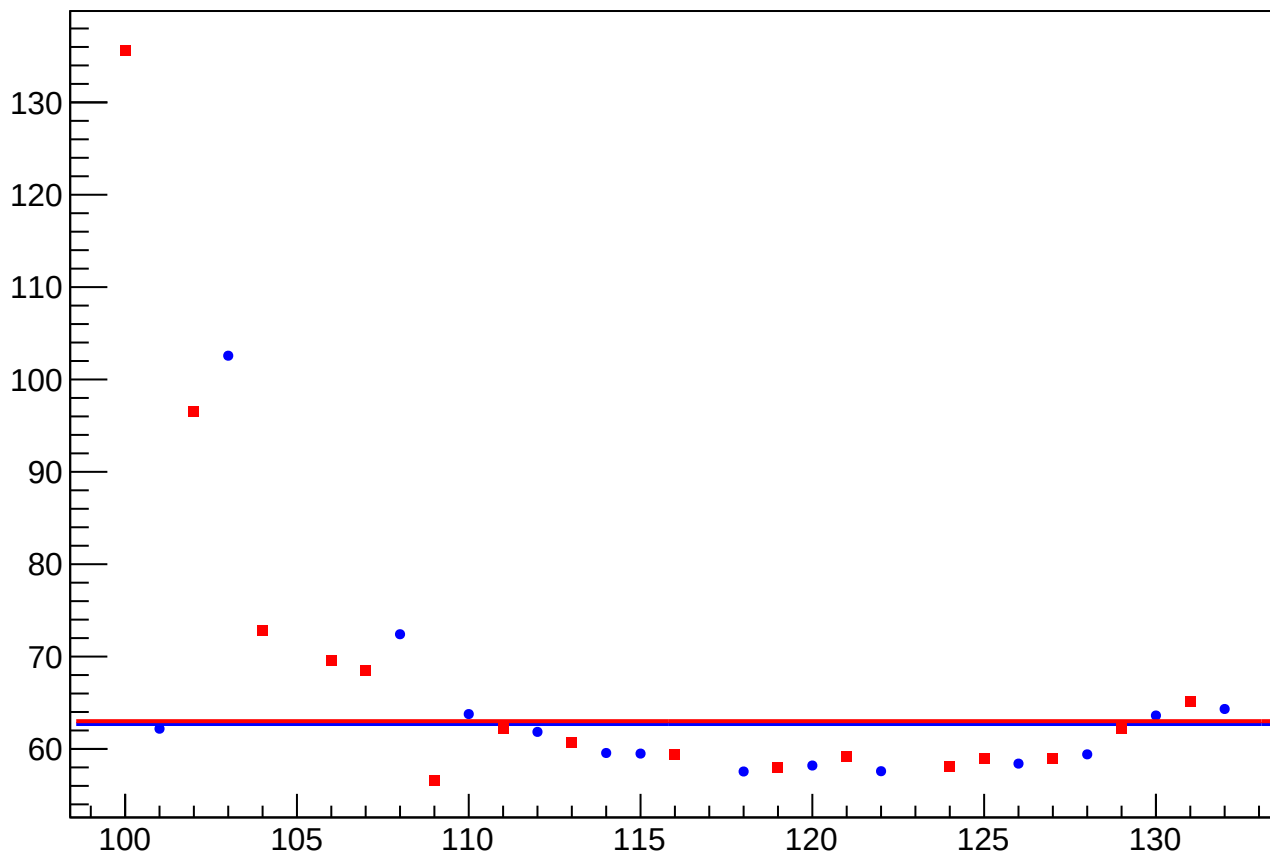
Right: -173.733 ± 18.203 χ^2/NDF : 55.5/29

In: -197.916 ± 25.988 χ^2/NDF : 17.0/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -173.733 ± 18.203 χ^2/NDF : 55.5/29

reg_asym_sam8_rms vs Slug, Sign Corrected



Right In: 62.699+/-0.018 χ^2/NDF : 223379.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 63.006+/-0.018 χ^2/NDF : 260199.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

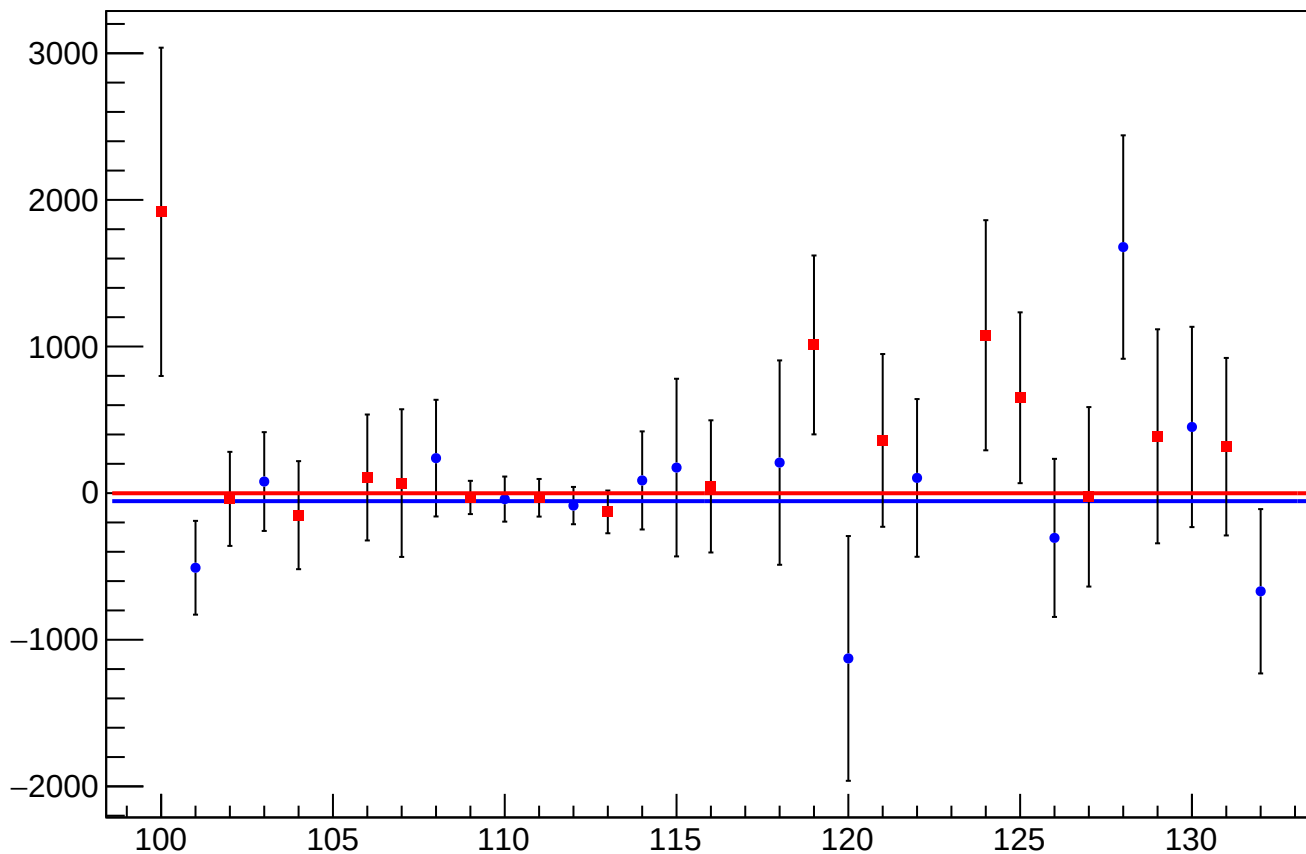
Right: 62.855+/-0.013 χ^2/NDF : 483720.7/29

In: 62.699+/-0.018 χ^2/NDF :223379.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 62.855+/-0.013 χ^2/NDF : 483720.7/29

asym_sam8_reg_correction_mean vs Slug, Sign Corrected



Right In: -54.650+/-79.546 χ^2/NDF : 12.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.808+/-65.207 χ^2/NDF : 10.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

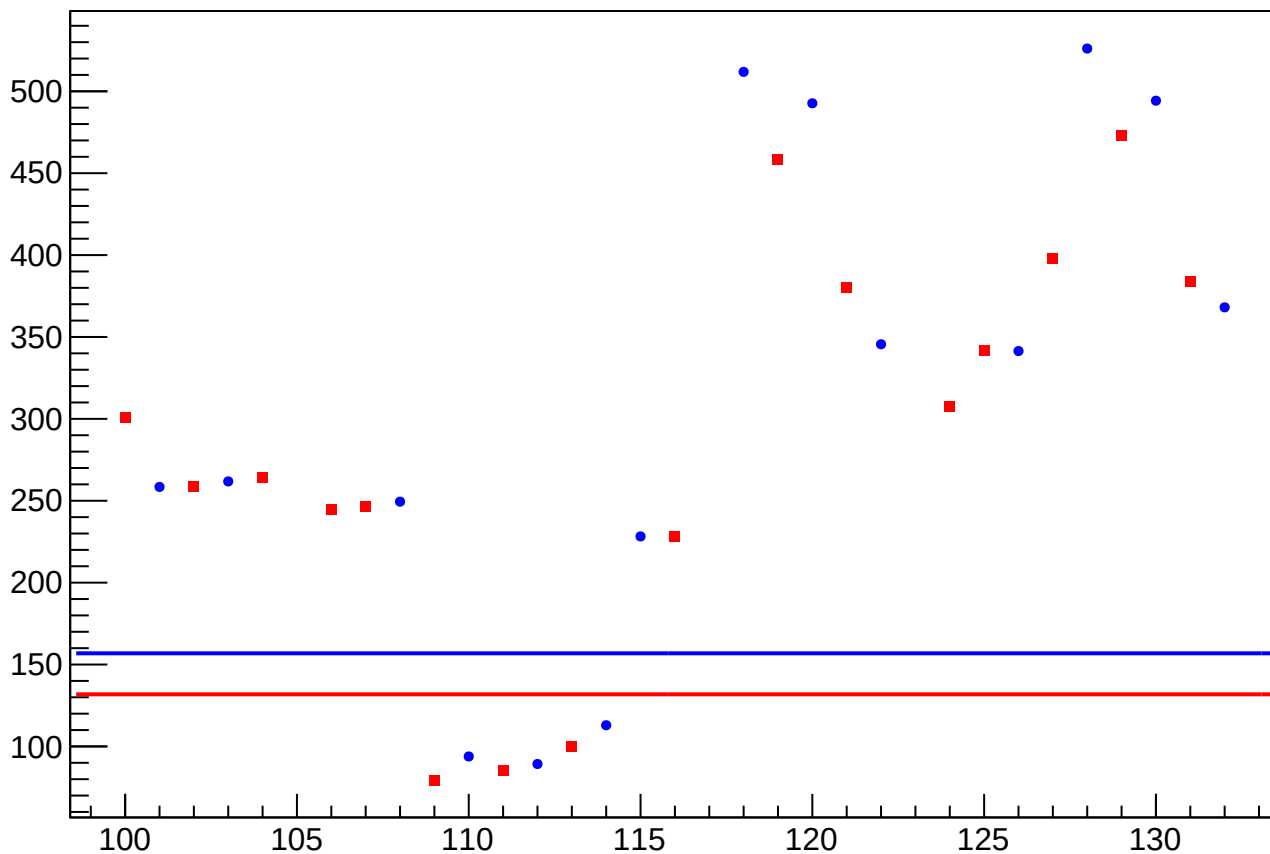
Right: -22.448+/-50.429 χ^2/NDF : 23.3/29

In: -54.650+/-79.546 χ^2/NDF : 12.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.448+/-50.429 χ^2/NDF : 23.3/29

asym_sam8_reg_correction_rms vs Slug, Sign Corrected



Right In: 156.858+/-0.056 χ^2/NDF : 4030945.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 131.800+/-0.046 χ^2/NDF : 4191394.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

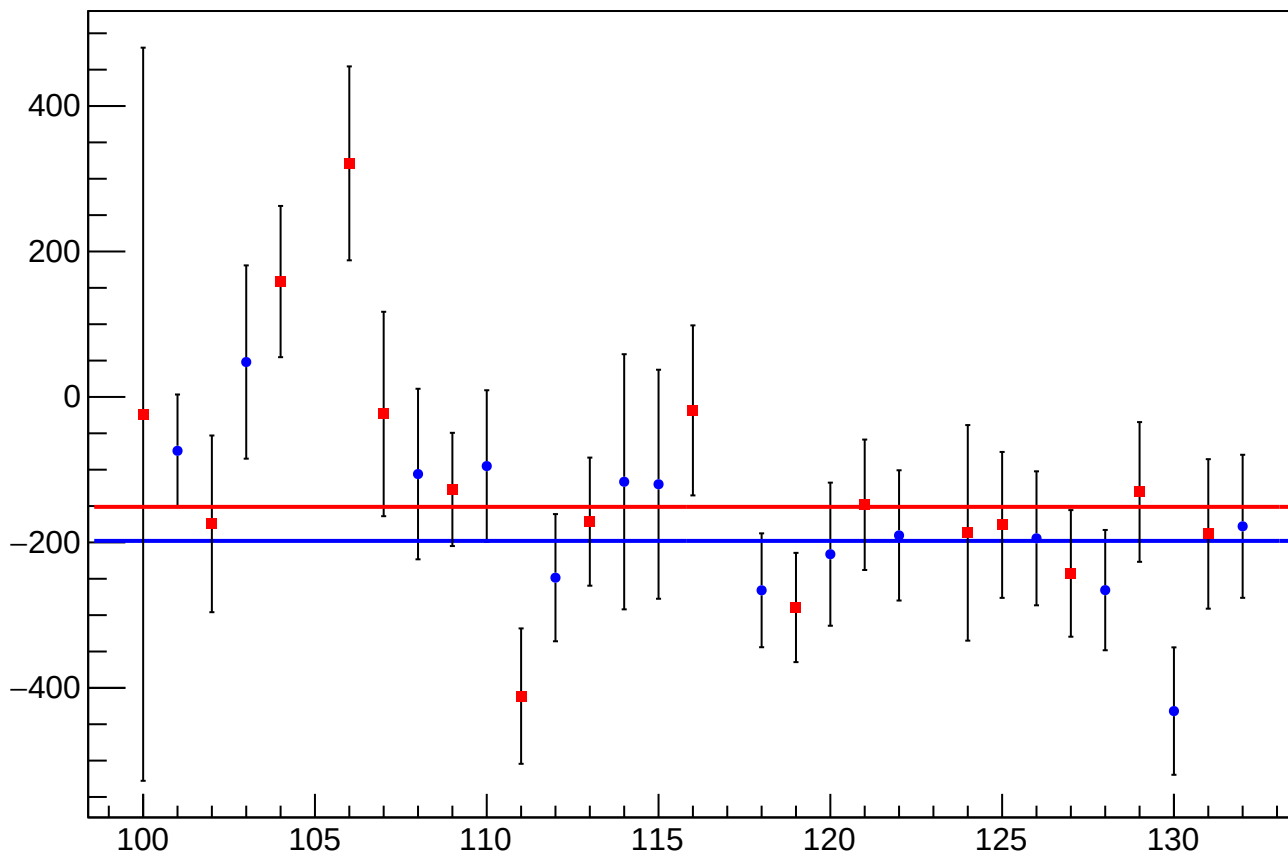
Right: 141.871+/-0.036 χ^2/NDF : 8341043.5/29

In: 156.858+/-0.056 χ^2/NDF : 4030945.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.871+/-0.036 χ^2/NDF : 8341043.5/29

cor_asym_sam8_mean vs Slug, Sign Corrected



Right In: -197.917 ± 25.988 χ^2/NDF : 17.0/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -151.131 ± 25.521 χ^2/NDF : 36.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

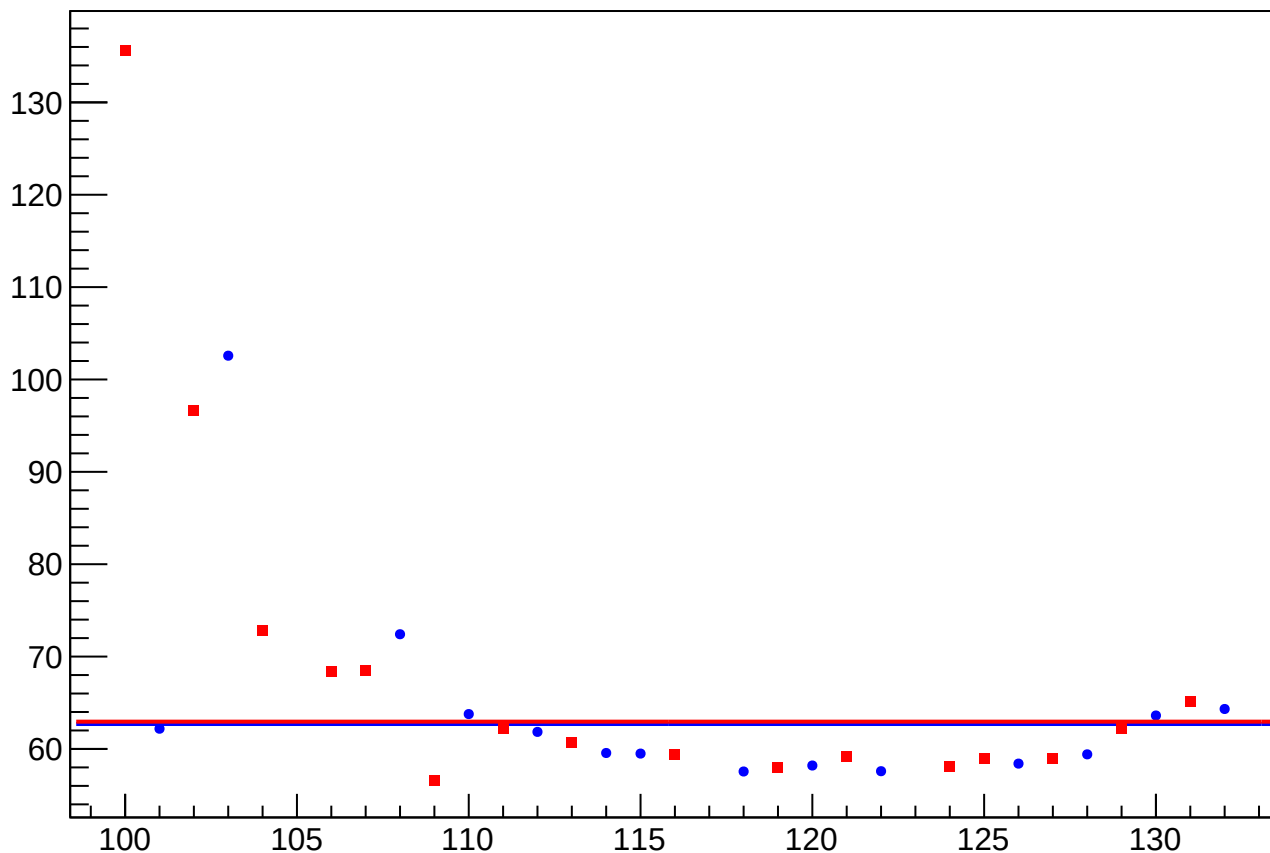
Right: -174.100 ± 18.209 χ^2/NDF : 55.1/29

In: -197.917 ± 25.988 χ^2/NDF : 17.0/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -174.100 ± 18.209 χ^2/NDF : 55.1/29

cor_asym_sam8_rms vs Slug, Sign Corrected



Right In: 62.699+/-0.018 χ^2/NDF : 223381.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.955+/-0.018 χ^2/NDF : 258626.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

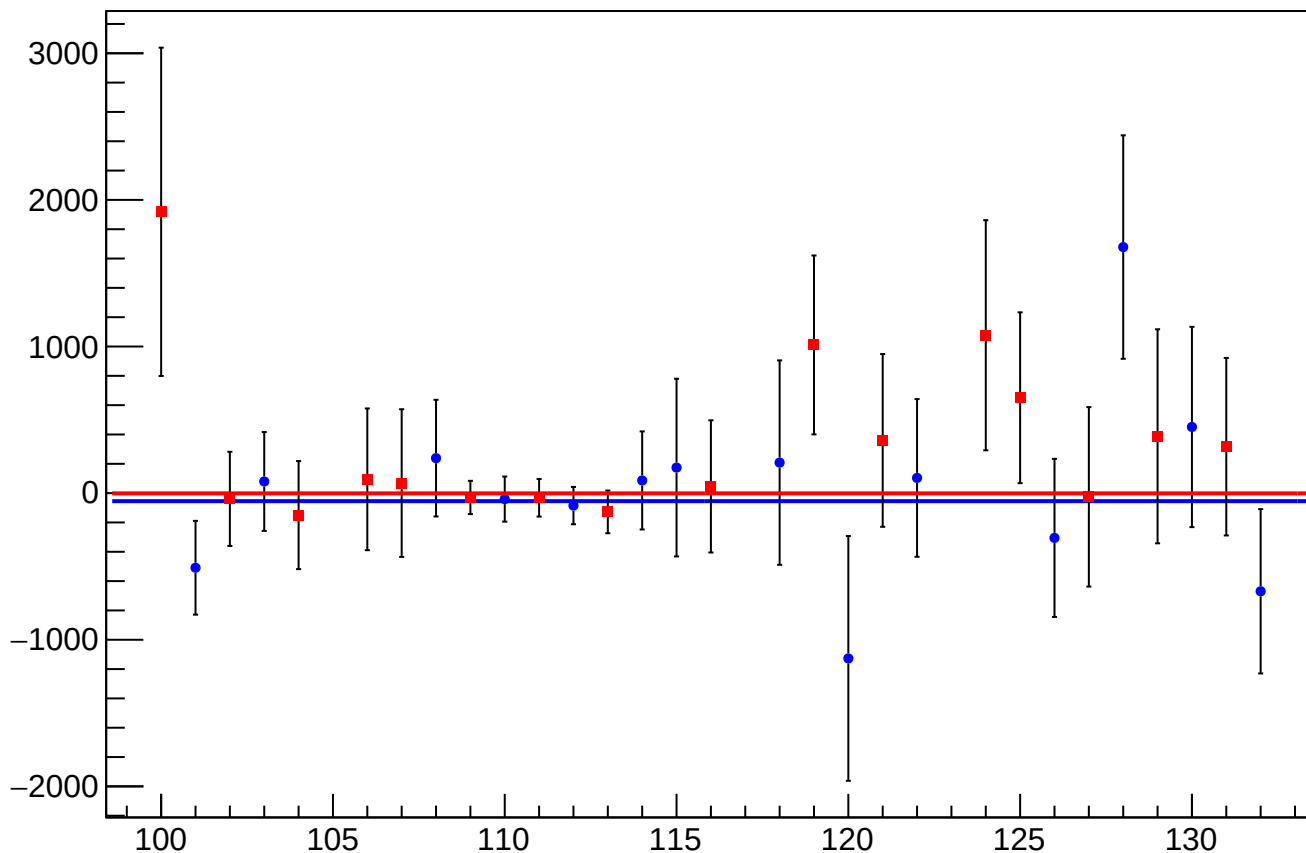
Right: 62.829+/-0.013 χ^2/NDF : 482107.2/29

In: 62.699+/-0.018 χ^2/NDF : 223381.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.829+/-0.013 χ^2/NDF : 482107.2/29

asym_sam8_cor_correction_mean vs Slug, Sign Corrected



Right In: -54.630+/-79.546 χ^2/NDF : 12.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.540+/-65.368 χ^2/NDF : 10.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

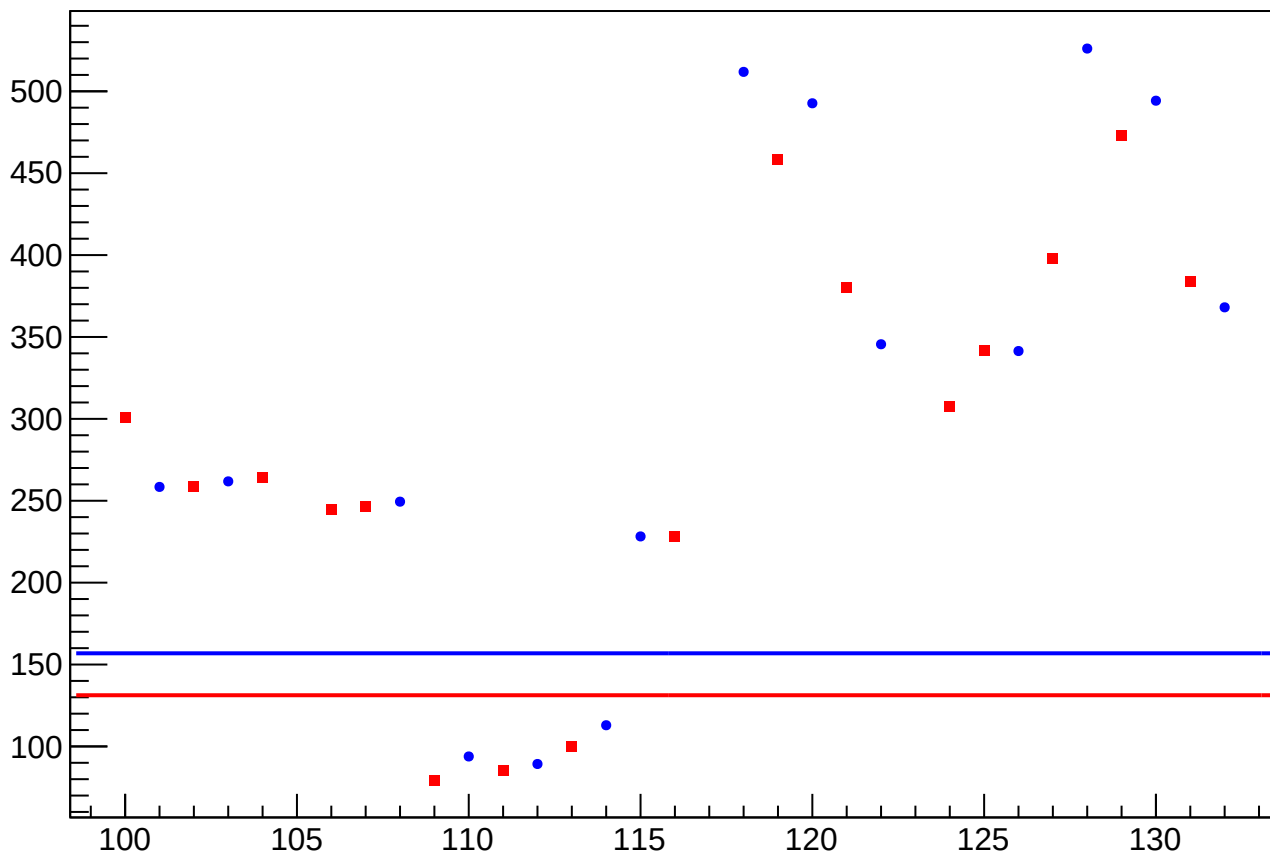
Right: -22.940+/-50.503 χ^2/NDF : 23.3/29

In: -54.630+/-79.546 χ^2/NDF : 12.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.940+/-50.503 χ^2/NDF : 23.3/29

asym_sam8_cor_correction_rms vs Slug, Sign Corrected



Right In: 156.858+/-0.056 χ^2/NDF : 4031000.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 131.253+/-0.046 χ^2/NDF : 4163379.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

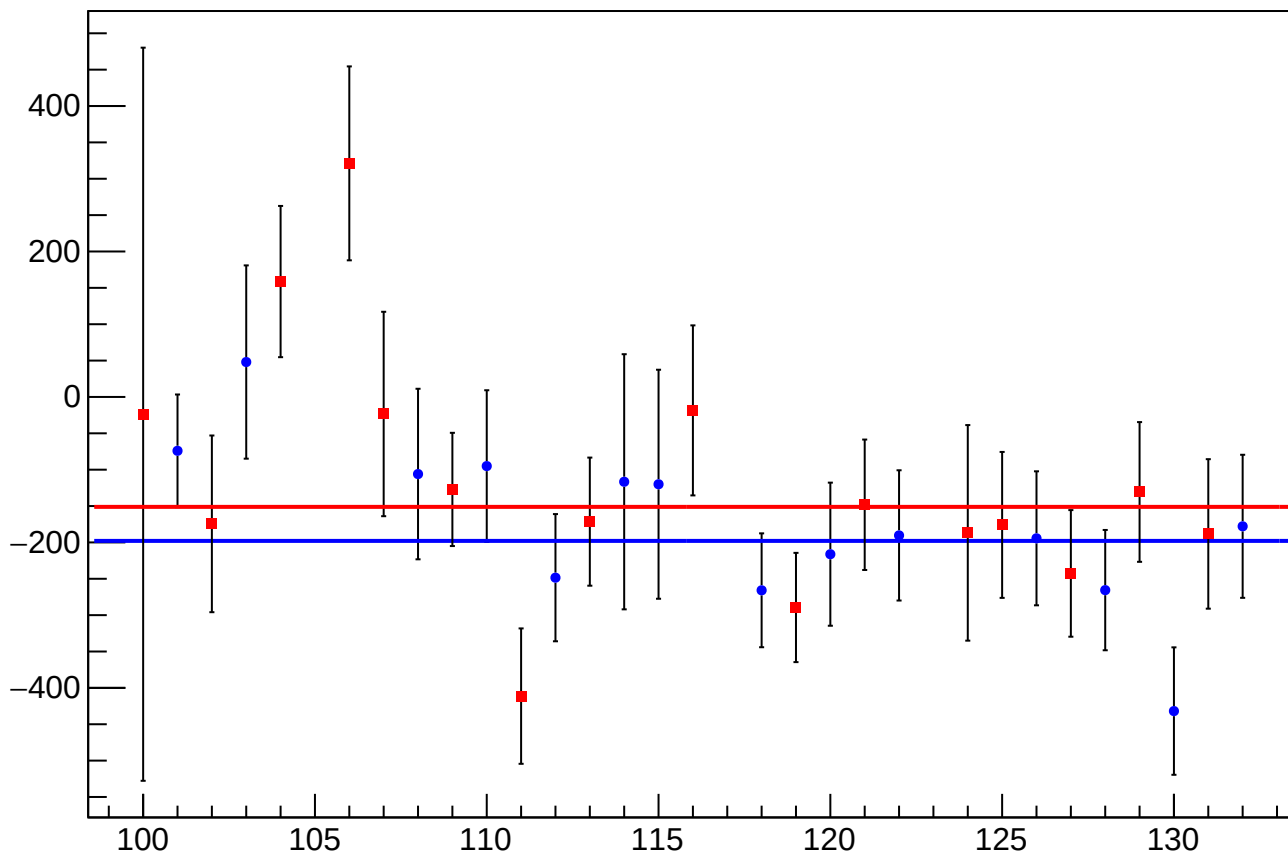
Right: 141.574+/-0.036 χ^2/NDF : 8318077.7/29

In: 156.858+/-0.056 χ^2/NDF : 4031000.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.574+/-0.036 χ^2/NDF : 8318077.7/29

eigen_cor_asym_sam8_mean vs Slug, Sign Corrected



Right In: -197.917 ± 25.988 χ^2/NDF : 17.0/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -151.131 ± 25.521 χ^2/NDF : 36.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

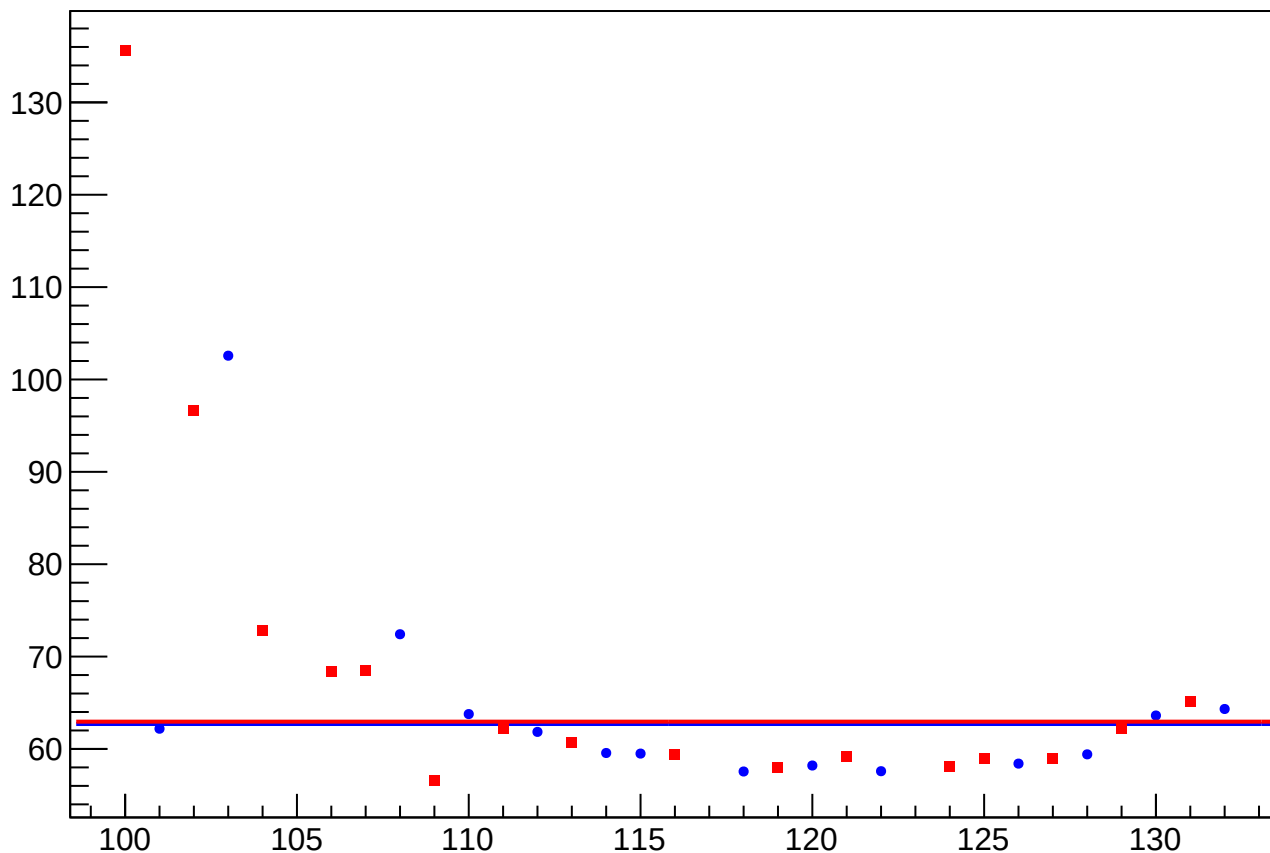
Right: -174.100 ± 18.209 χ^2/NDF : 55.1/29

In: -197.917 ± 25.988 χ^2/NDF : 17.0/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -174.100 ± 18.209 χ^2/NDF : 55.1/29

eigen_cor_asym_sam8_rms vs Slug, Sign Corrected



Right In: 62.699+/-0.018 χ^2/NDF : 223381.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.955+/-0.018 χ^2/NDF : 258626.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

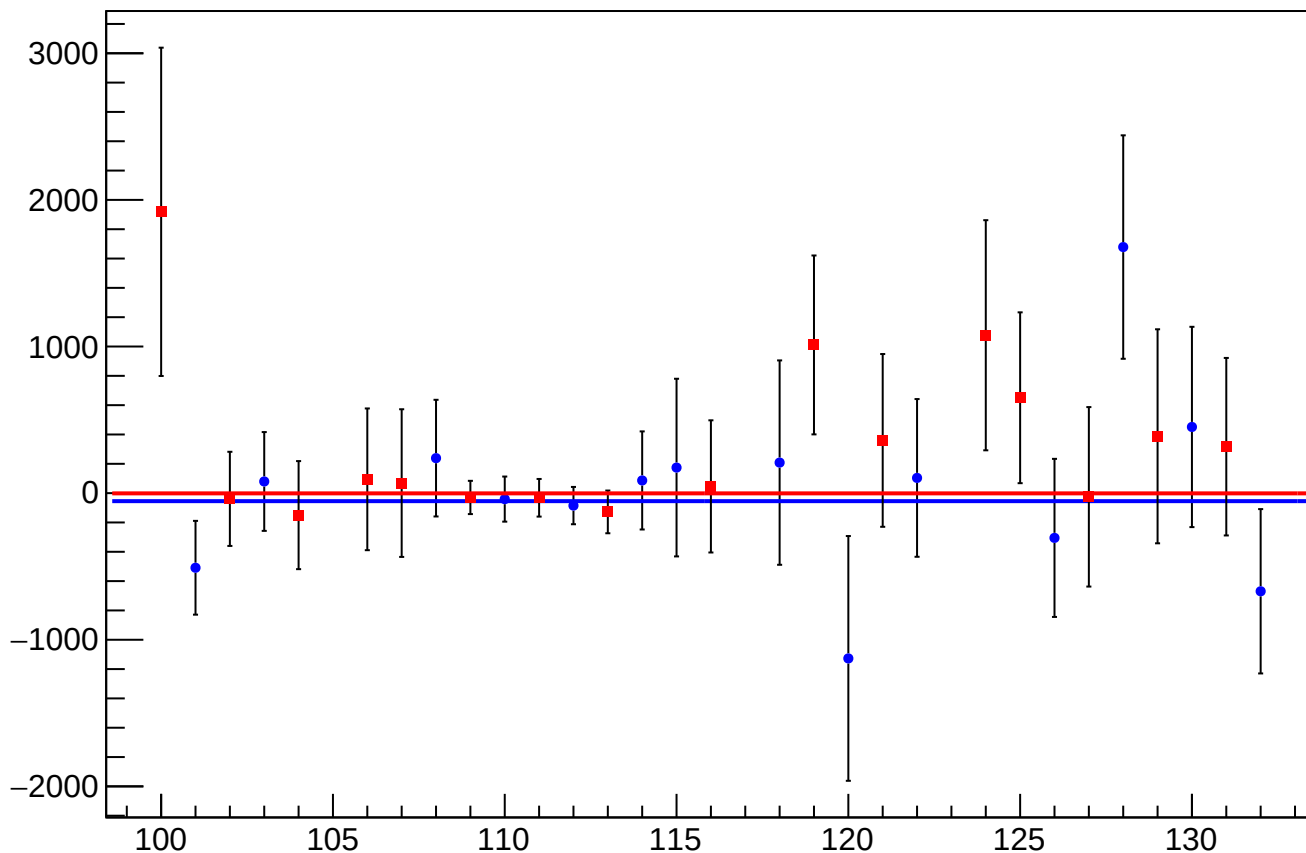
Right: 62.829+/-0.013 χ^2/NDF : 482107.2/29

In: 62.699+/-0.018 χ^2/NDF : 223381.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.829+/-0.013 χ^2/NDF : 482107.2/29

asym_sam8_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -54.630+/-79.546 χ^2/NDF : 12.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.540+/-65.368 χ^2/NDF : 10.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

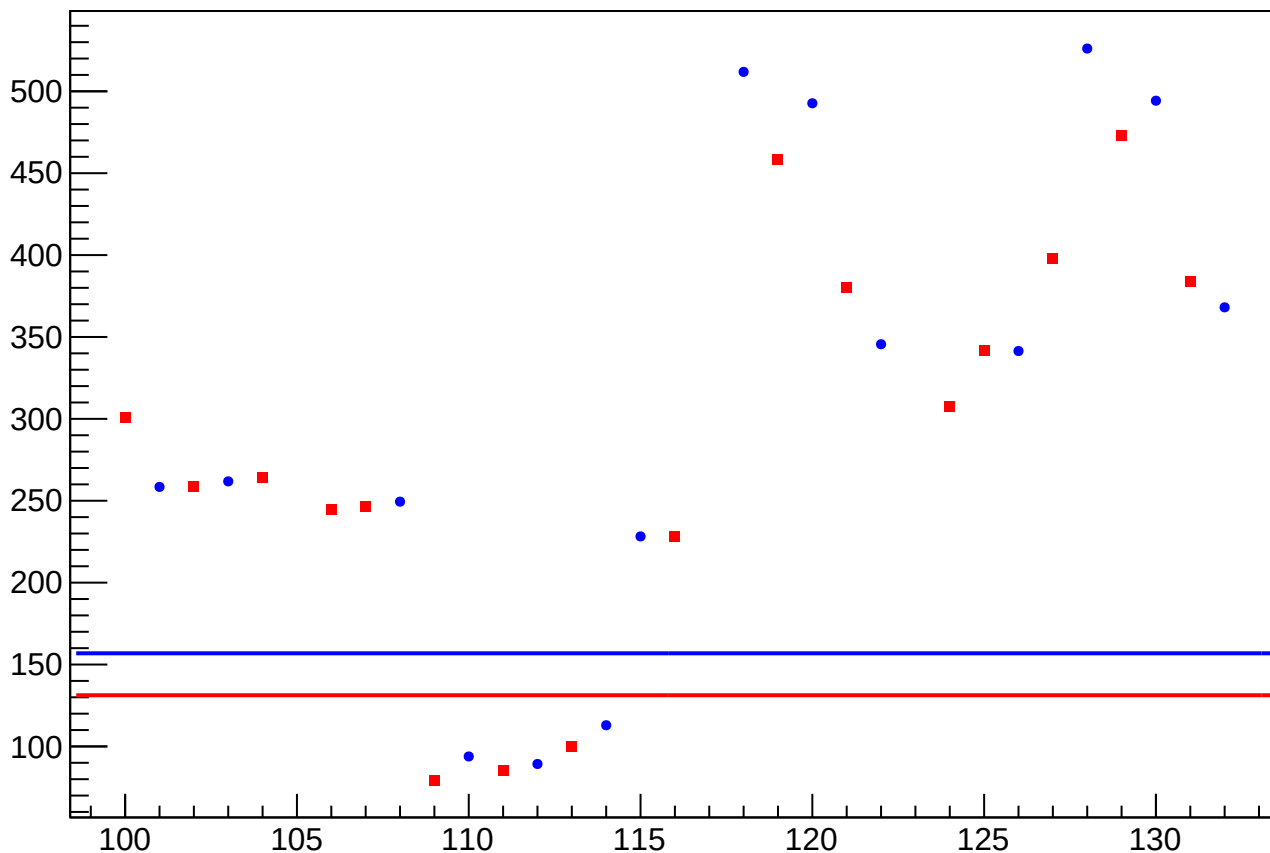
Right: -22.940+/-50.503 χ^2/NDF : 23.3/29

In: -54.630+/-79.546 χ^2/NDF : 12.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.940+/-50.503 χ^2/NDF : 23.3/29

asym_sam8_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 156.858+/-0.056 χ^2/NDF : 4031000.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 131.253+/-0.046 χ^2/NDF : 4163379.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

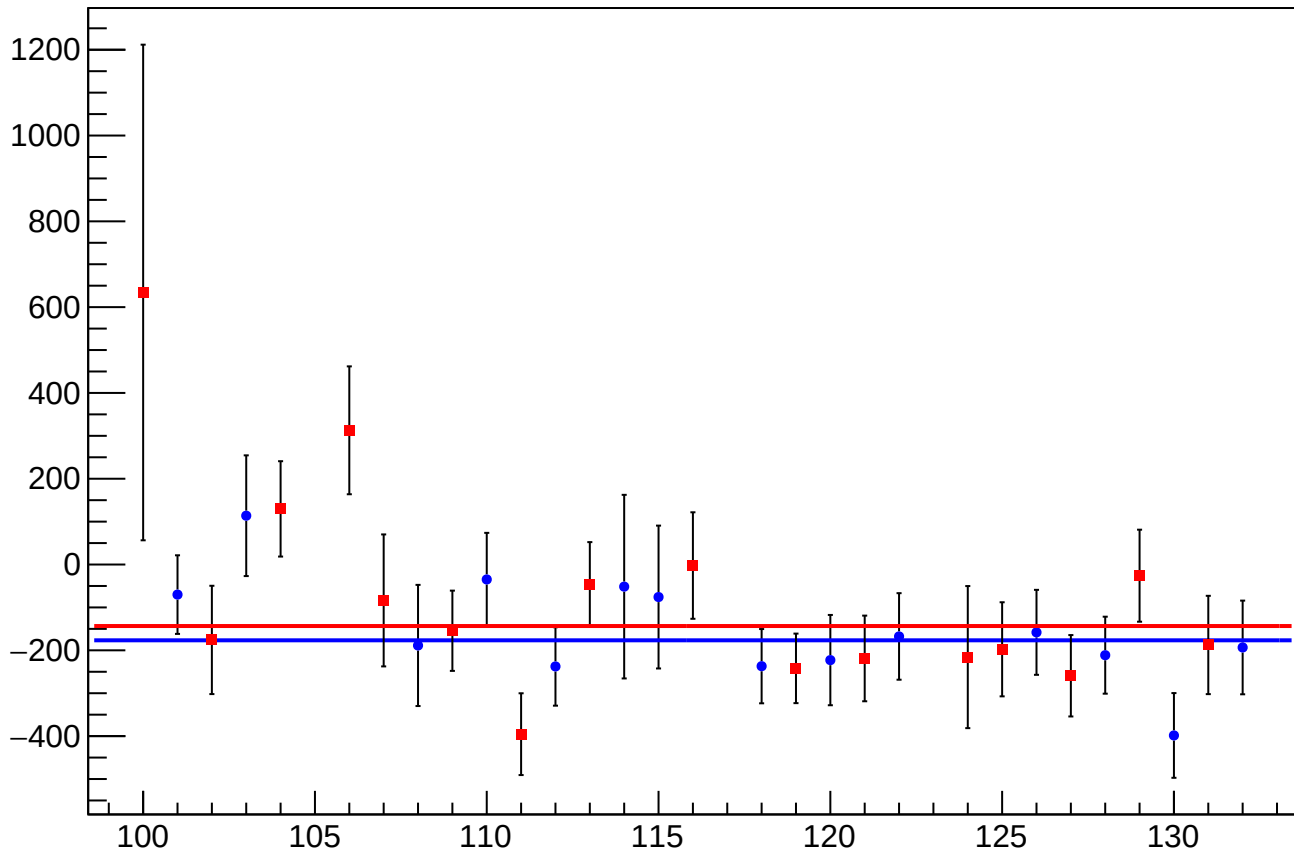
Right: 141.574+/-0.036 χ^2/NDF : 8318077.7/29

In: 156.858+/-0.056 χ^2/NDF : 4031000.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.574+/-0.036 χ^2/NDF : 8318077.7/29

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -176.665 $\pm$ 28.668 χ^2 /NDF: 14.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -143.377 $\pm$ 28.017 χ^2 /NDF: 32.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

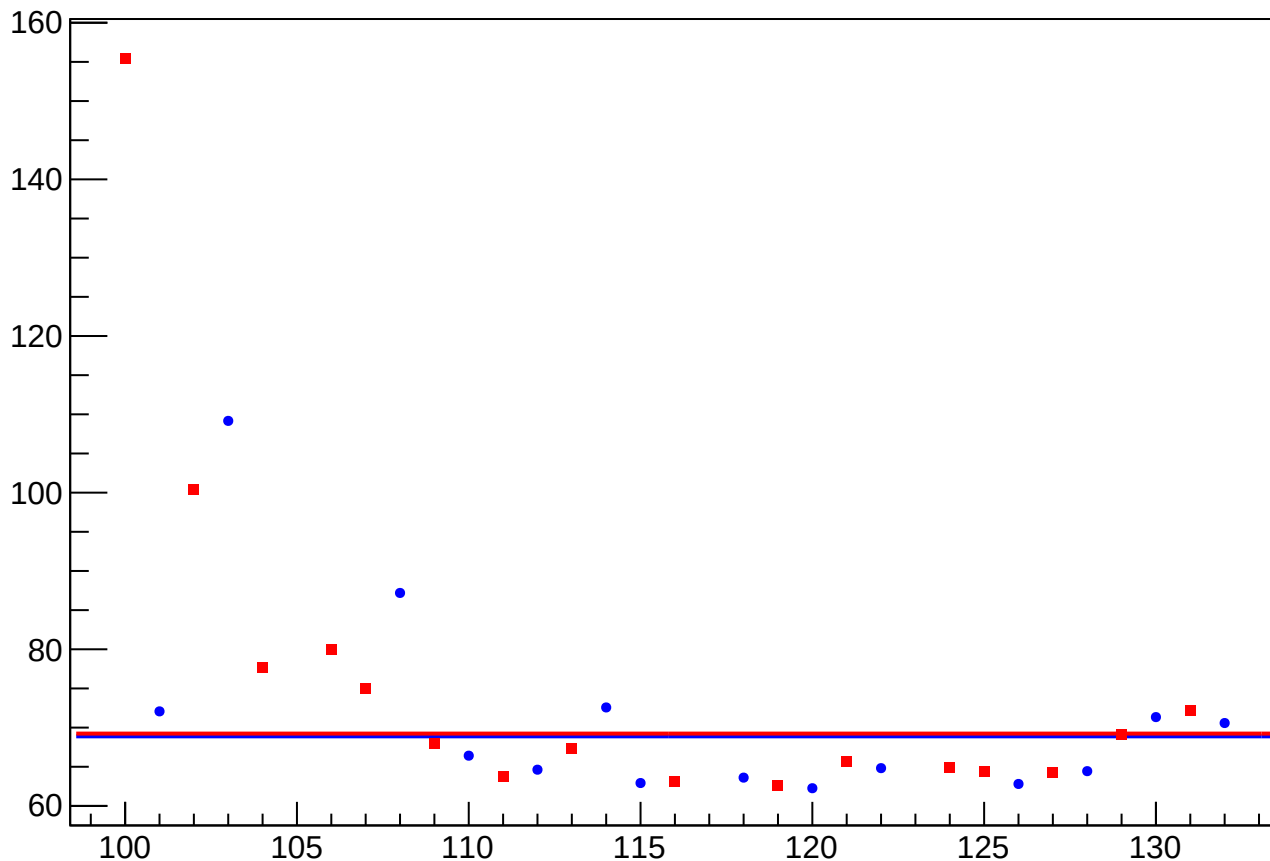
Right: -159.638 $\pm$ 20.037 χ^2 /NDF: 47.2/29

In: -176.665 $\pm$ 28.668 χ^2 /NDF:14.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -159.638 $\pm$ 20.037 χ^2 /NDF: 47.2/29

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 68.886+/-0.020 χ^2/NDF : 241212.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.235+/-0.020 χ^2/NDF : 232382.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

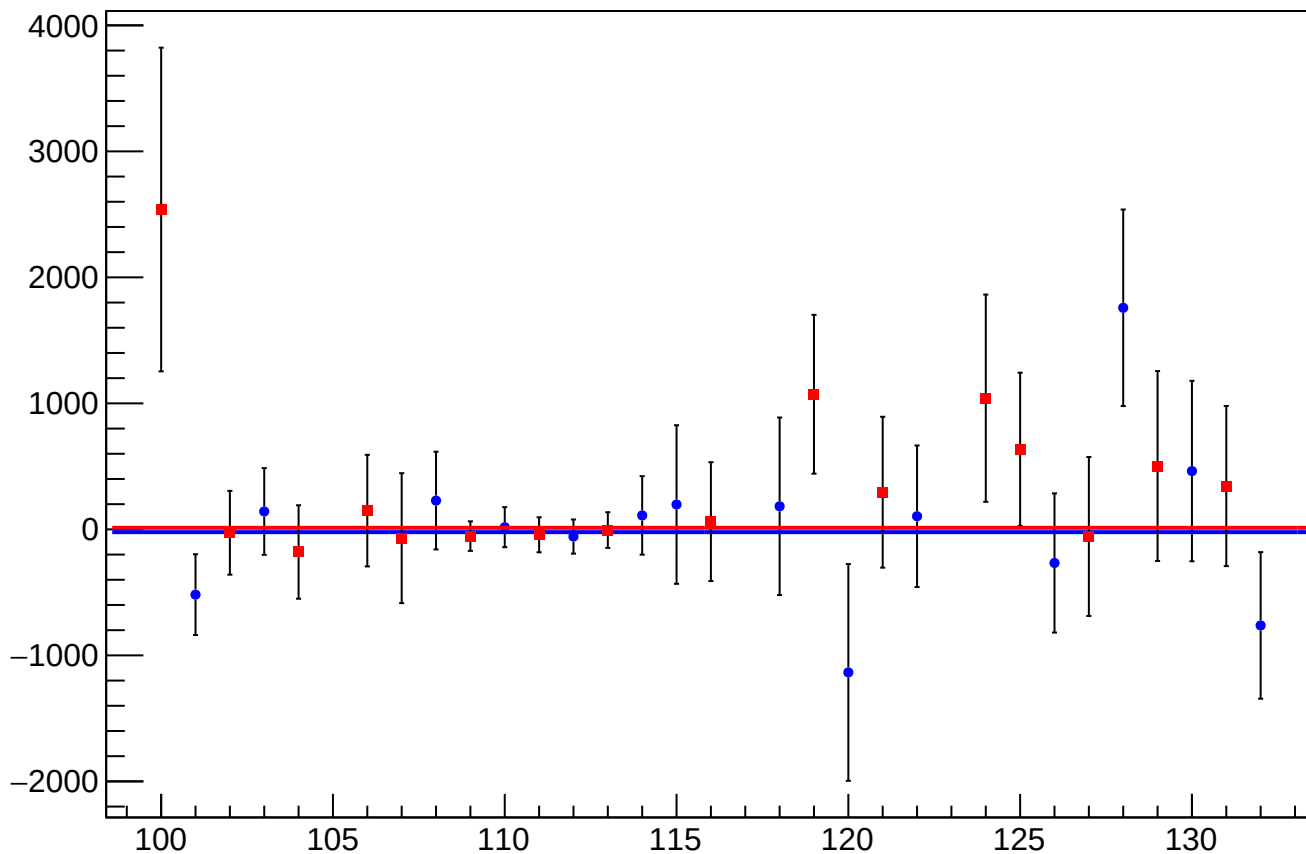
Right: 69.064+/-0.014 χ^2/NDF : 473746.9/29

In: 68.886+/-0.020 χ^2/NDF : 241212.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.064+/-0.014 χ^2/NDF : 473746.9/29

asym_sam8_dit_correction_mean vs Slug, Sign Corrected



Right In: -21.972+/-82.181 χ^2/NDF : 12.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.386+/-67.256 χ^2/NDF : 11.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

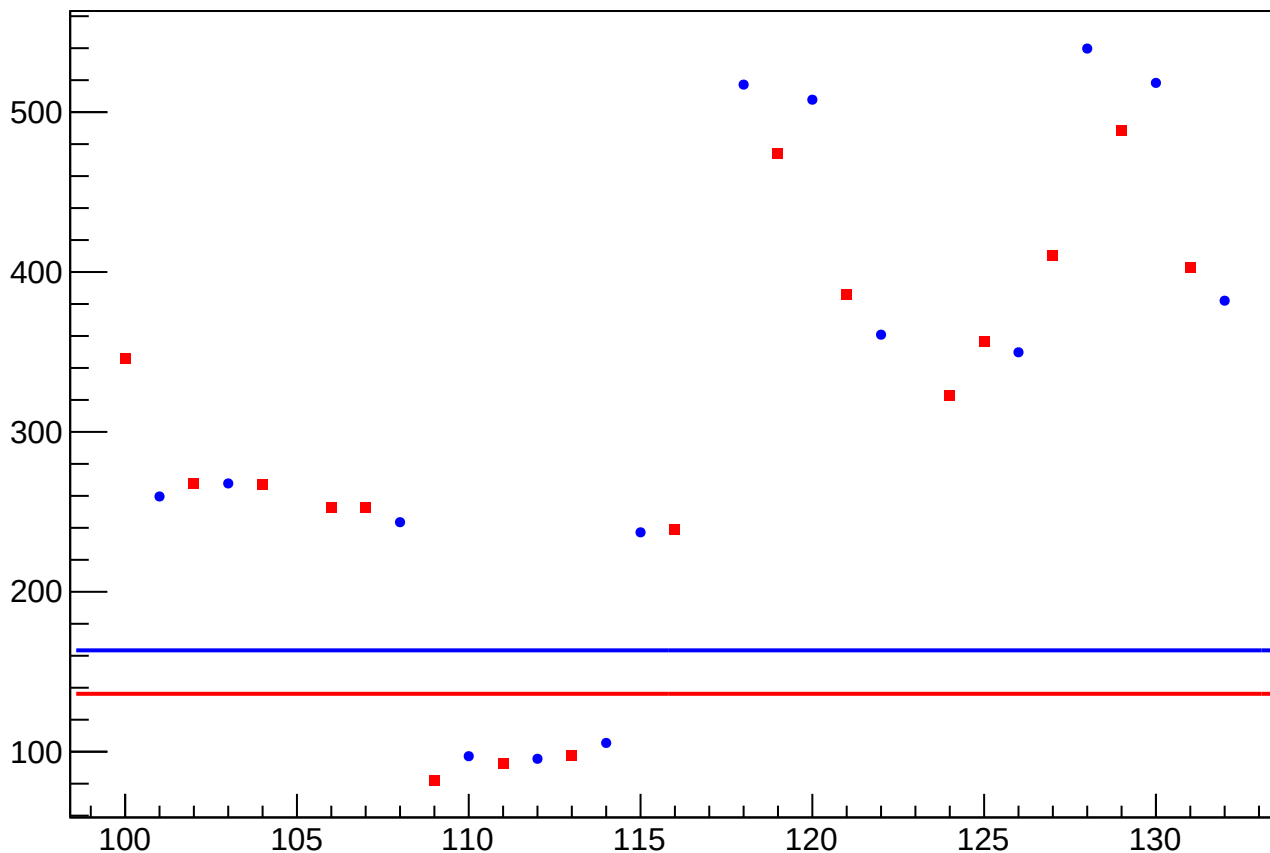
Right: -1.396+/-52.048 χ^2/NDF : 24.0/29

In: -21.972+/-82.181 χ^2/NDF : 12.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.396+/-52.048 χ^2/NDF : 24.0/29

asym_sam8_dit_correction_rms vs Slug, Sign Corrected



Right In: 163.382+/-0.058 χ^2/NDF : 3934388.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.207+/-0.048 χ^2/NDF : 4184370.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

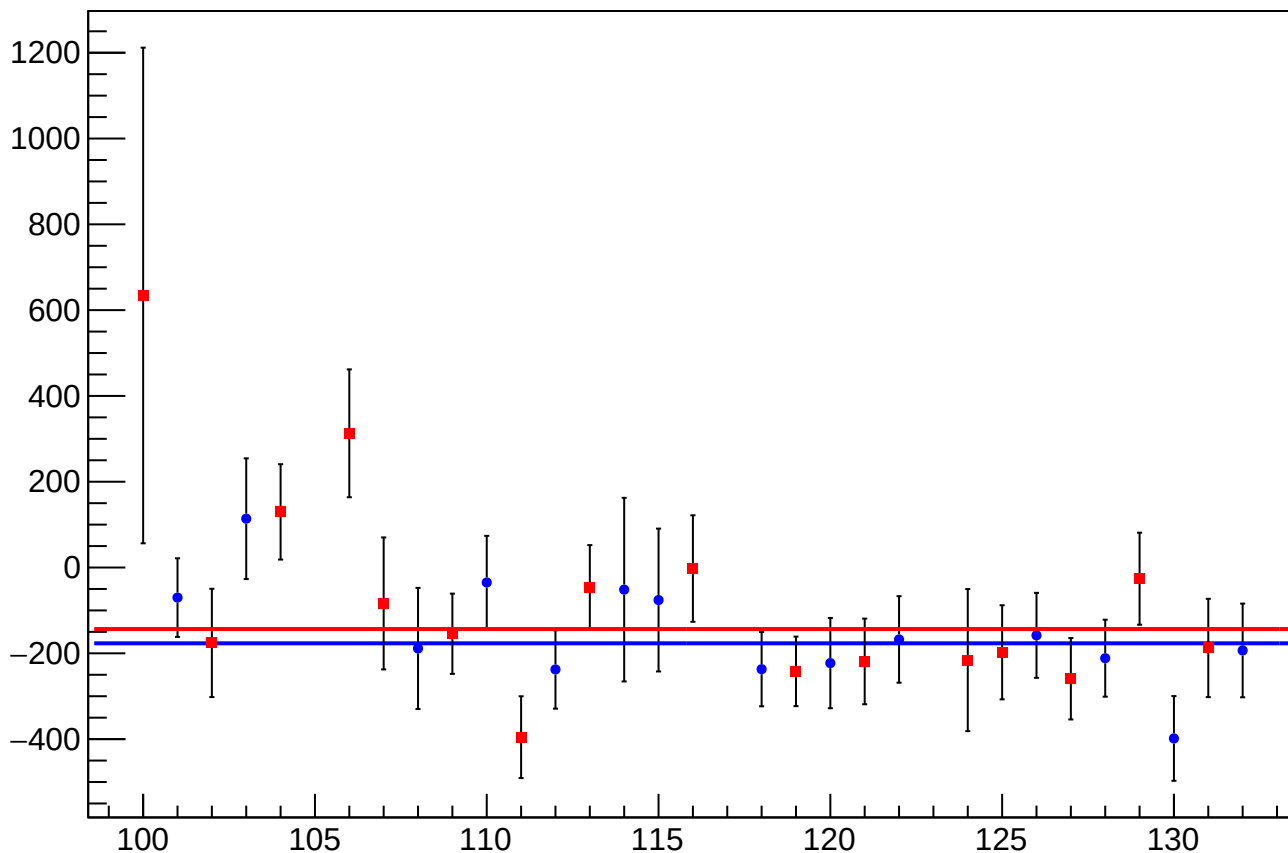
Right: 147.107+/-0.037 χ^2/NDF : 8249724.3/29

In: 163.382+/-0.058 χ^2/NDF : 3934388.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.107+/-0.037 χ^2/NDF : 8249724.3/29

eigen_dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -176.666 ± 28.668 $\chi^2/\text{NDF}: 14.4/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -143.378 ± 28.017 $\chi^2/\text{NDF}: 32.1/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

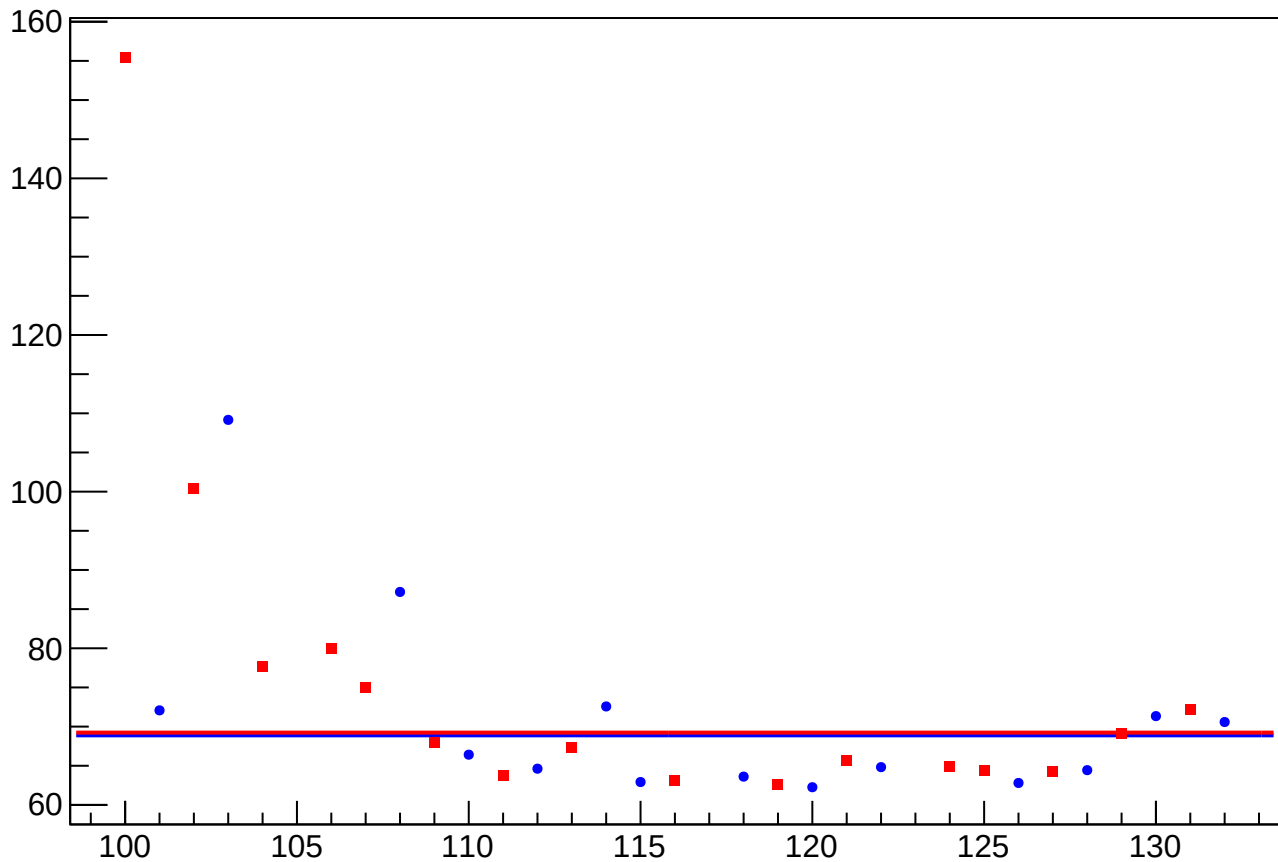
Right: -159.640 ± 20.037 $\chi^2/\text{NDF}: 47.2/29$

In: -176.666 ± 28.668 $\chi^2/\text{NDF}: 14.4/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -159.640 ± 20.037 $\chi^2/\text{NDF}: 47.2/29$

eigen_dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 68.886+/-0.020 χ^2/NDF : 241213.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.234+/-0.020 χ^2/NDF : 232384.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

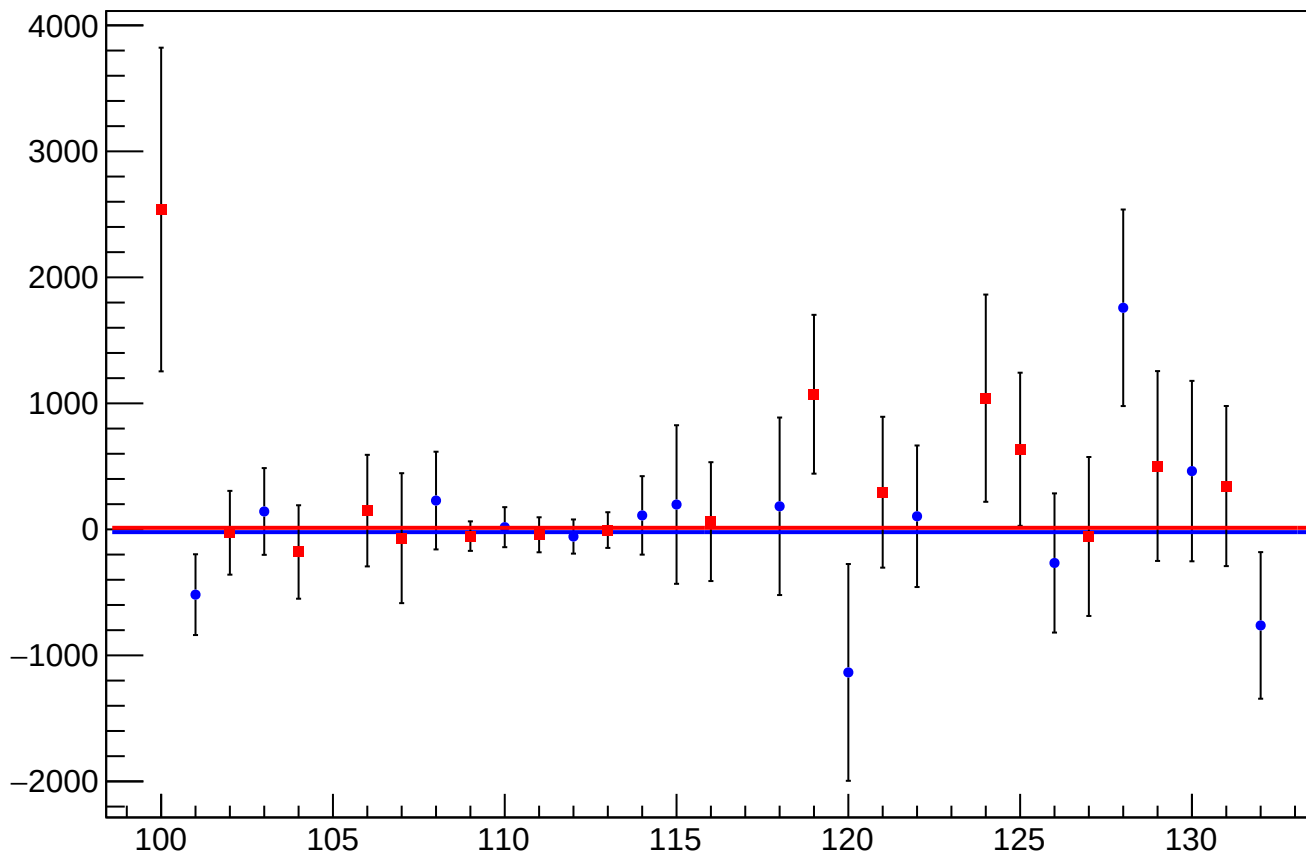
Right: 69.064+/-0.014 χ^2/NDF : 473749.5/29

In: 68.886+/-0.020 χ^2/NDF : 241213.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.064+/-0.014 χ^2/NDF : 473749.5/29

asym_sam8_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -21.971 ± 82.180 χ^2/NDF : 12.8/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 12.384 ± 67.256 χ^2/NDF : 11.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

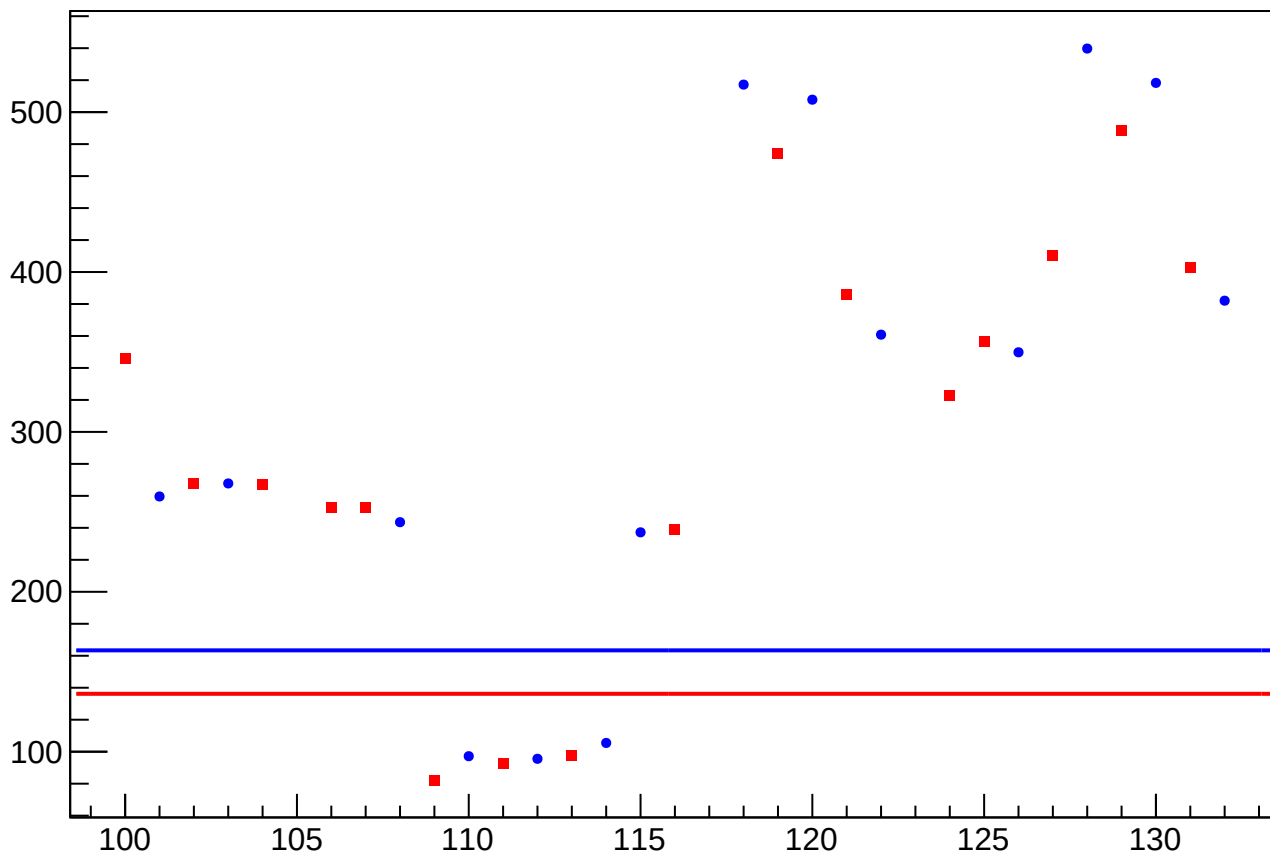
Right: -1.396 ± 52.048 χ^2/NDF : 24.0/29

In: -21.971 ± 82.180 χ^2/NDF : 12.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.396 ± 52.048 χ^2/NDF : 24.0/29

asym_sam8_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 163.380+/-0.058 χ^2/NDF : 3934404.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.207+/-0.048 χ^2/NDF : 4184351.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

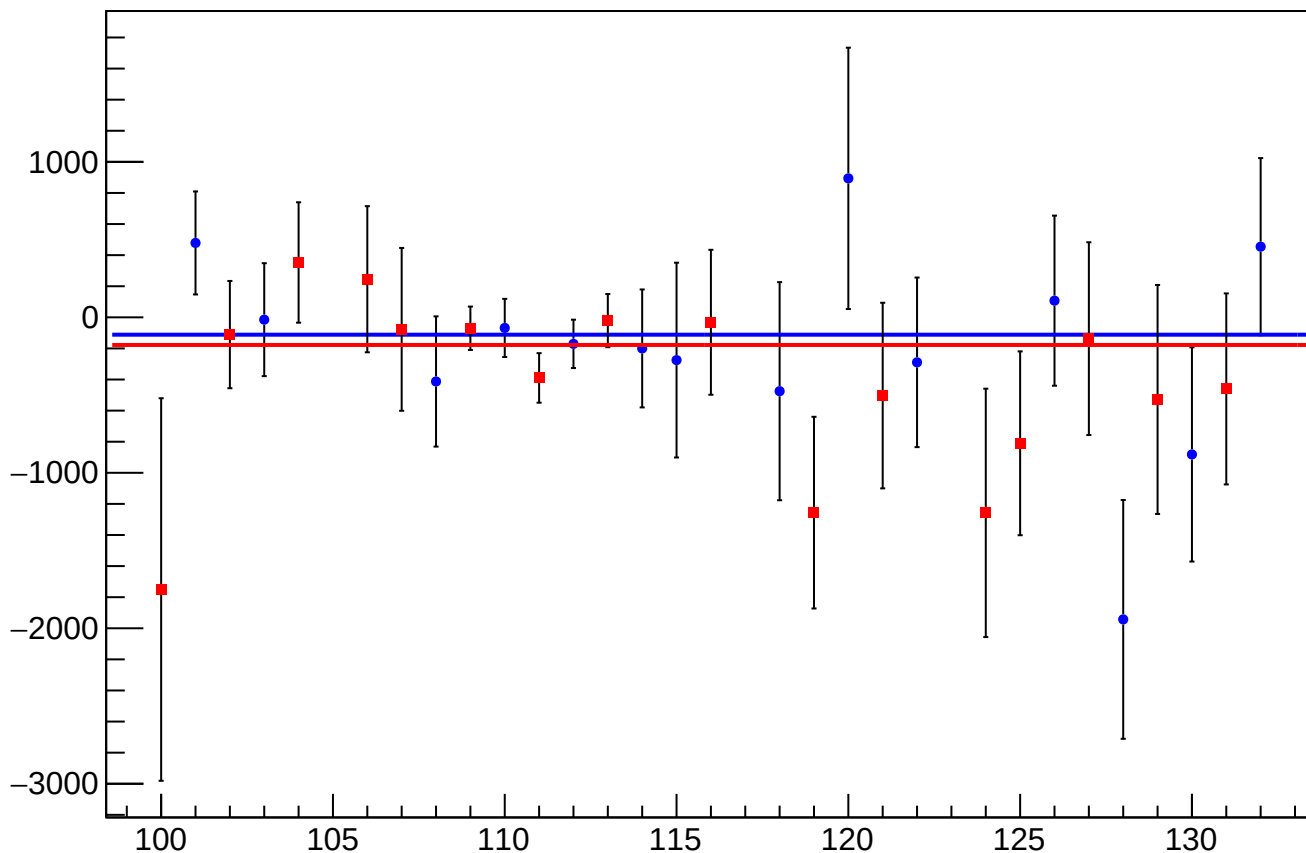
Right: 147.107+/-0.037 χ^2/NDF : 8249712.4/29

In: 163.380+/-0.058 χ^2/NDF : 3934404.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.107+/-0.037 χ^2/NDF : 8249712.4/29

asym_sam8_mean vs Slug, Sign Corrected



Right In: -111.614 ± 91.732 $\chi^2/\text{NDF}: 14.0/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -177.692 ± 76.572 $\chi^2/\text{NDF}: 14.5/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

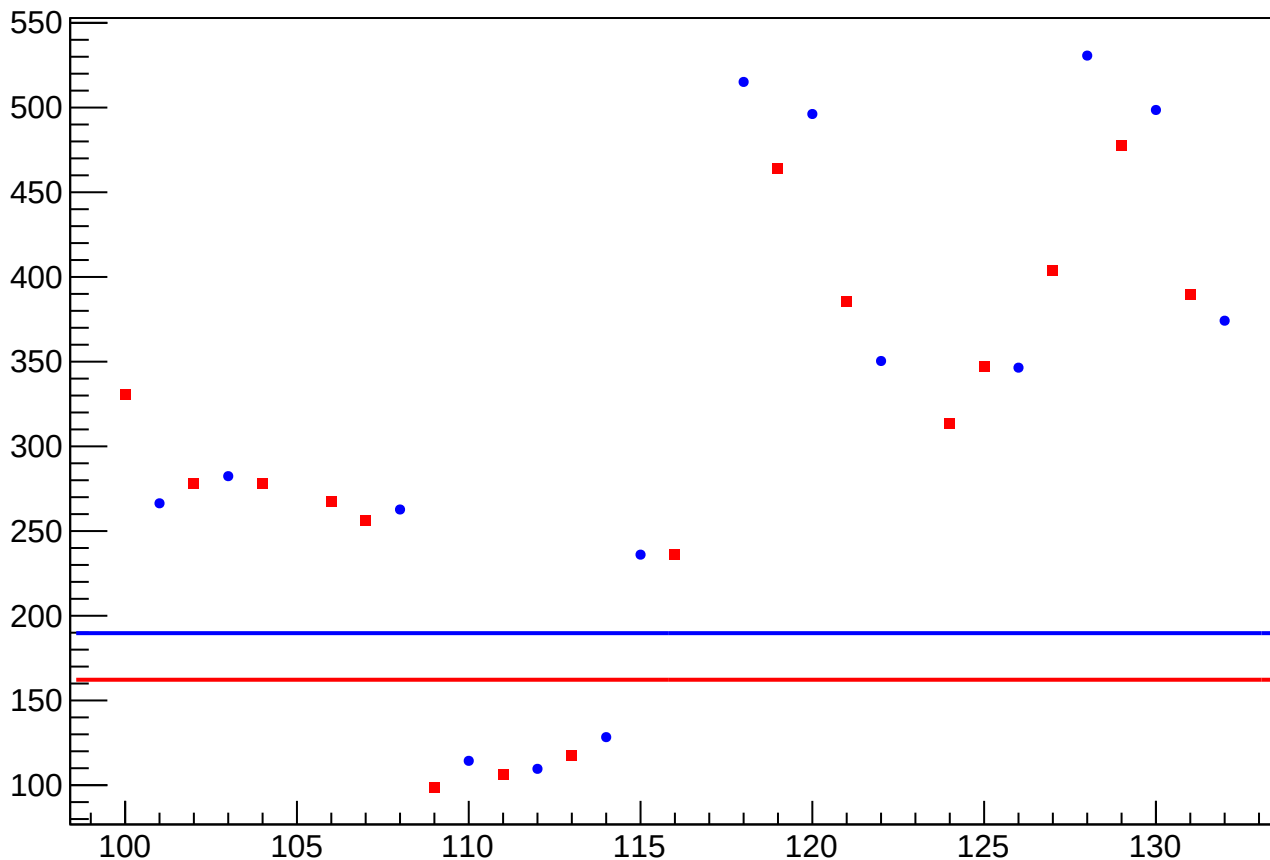
Right: -150.557 ± 58.784 $\chi^2/\text{NDF}: 28.7/29$

In: -111.614 ± 91.732 $\chi^2/\text{NDF}: 14.0/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -150.557 ± 58.784 $\chi^2/\text{NDF}: 28.7/29$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 189.731+/-0.065 χ^2/NDF : 3256282.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 162.230+/-0.054 χ^2/NDF : 3428407.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

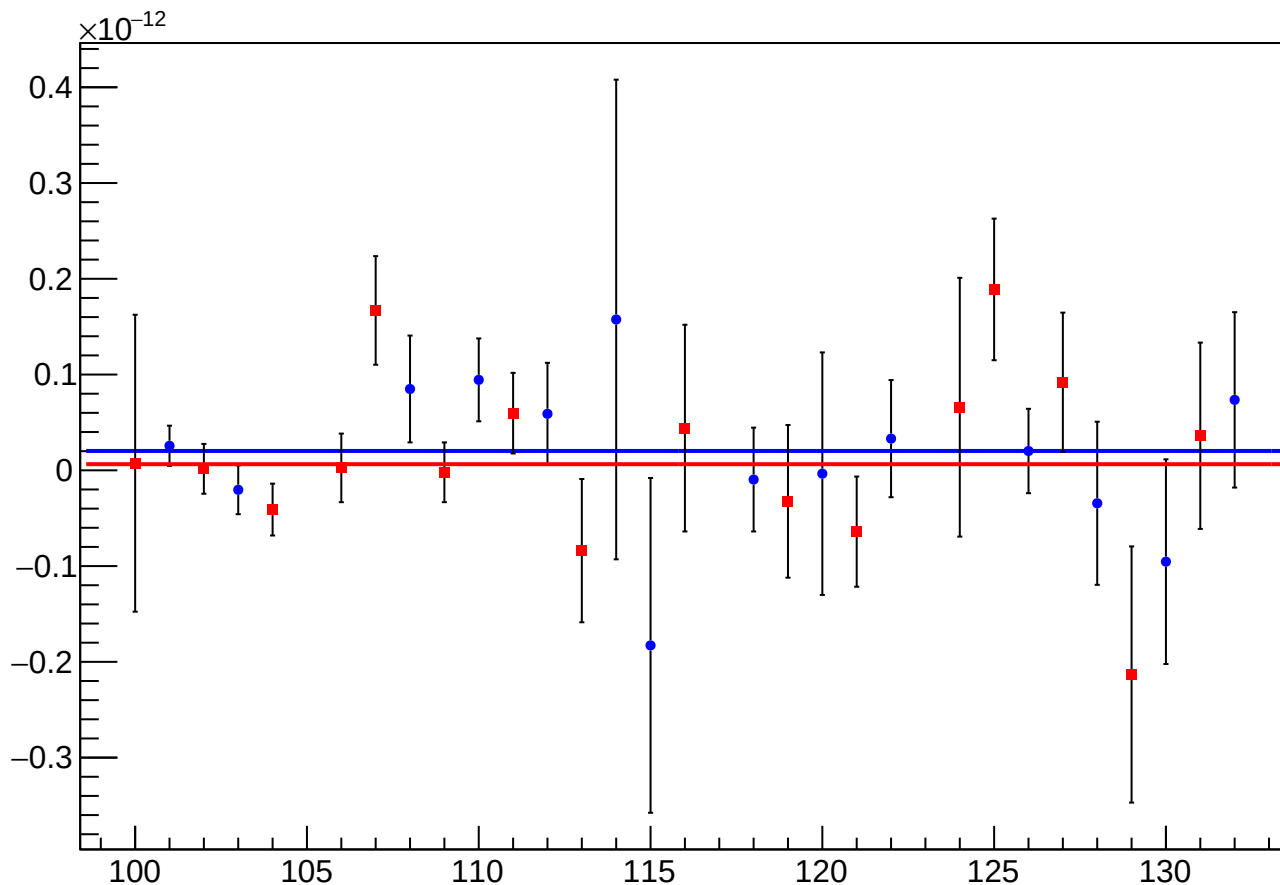
Right: 173.523+/-0.042 χ^2/NDF : 6790633.9/29

In: 189.731+/-0.065 χ^2/NDF :3256282.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 173.523+/-0.042 χ^2/NDF : 6790633.9/29

asym_sam8_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 26.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

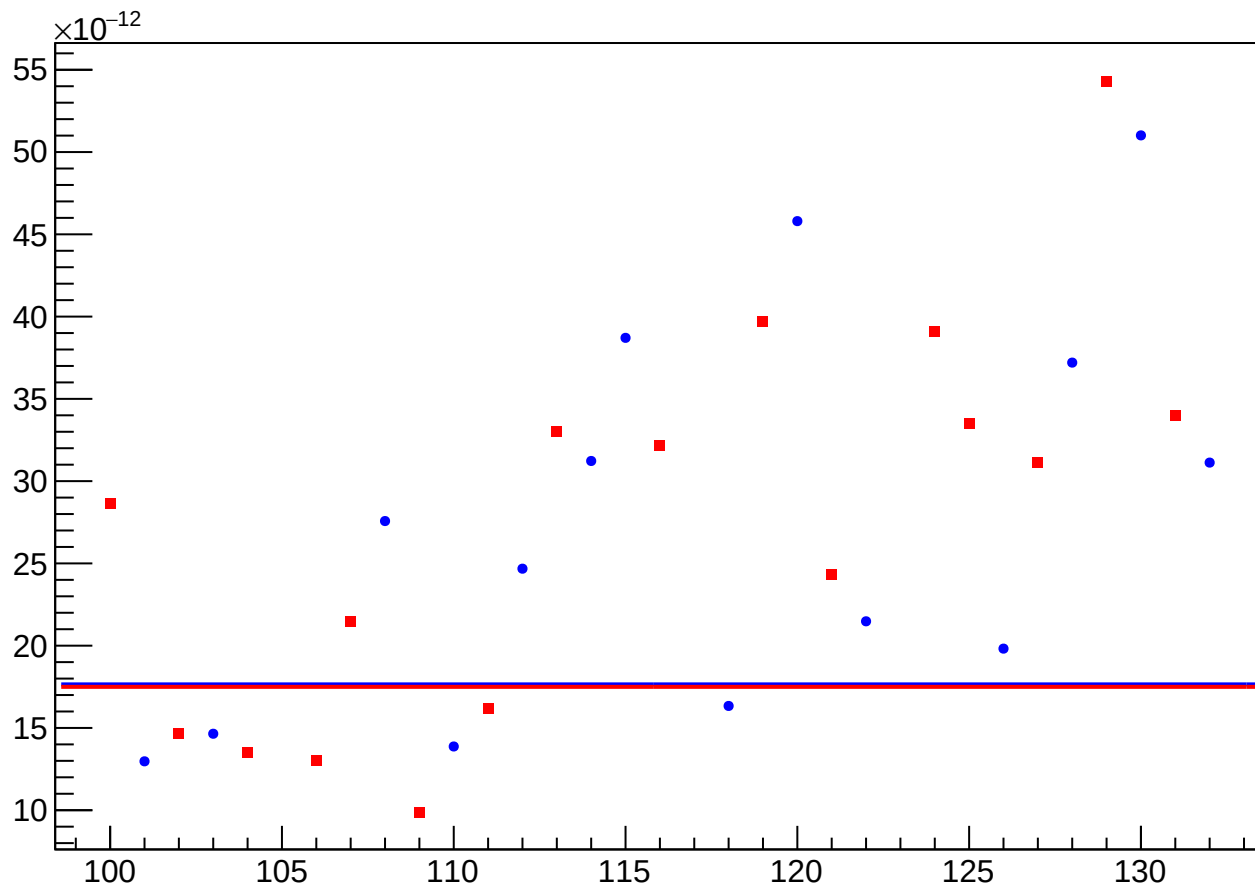
Right: 0.000+/-0.000 χ^2/NDF : 38.6/29

In: 0.000+/-0.000 χ^2/NDF : 11.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 38.6/29

asym_sam8_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 731894.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 972477.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

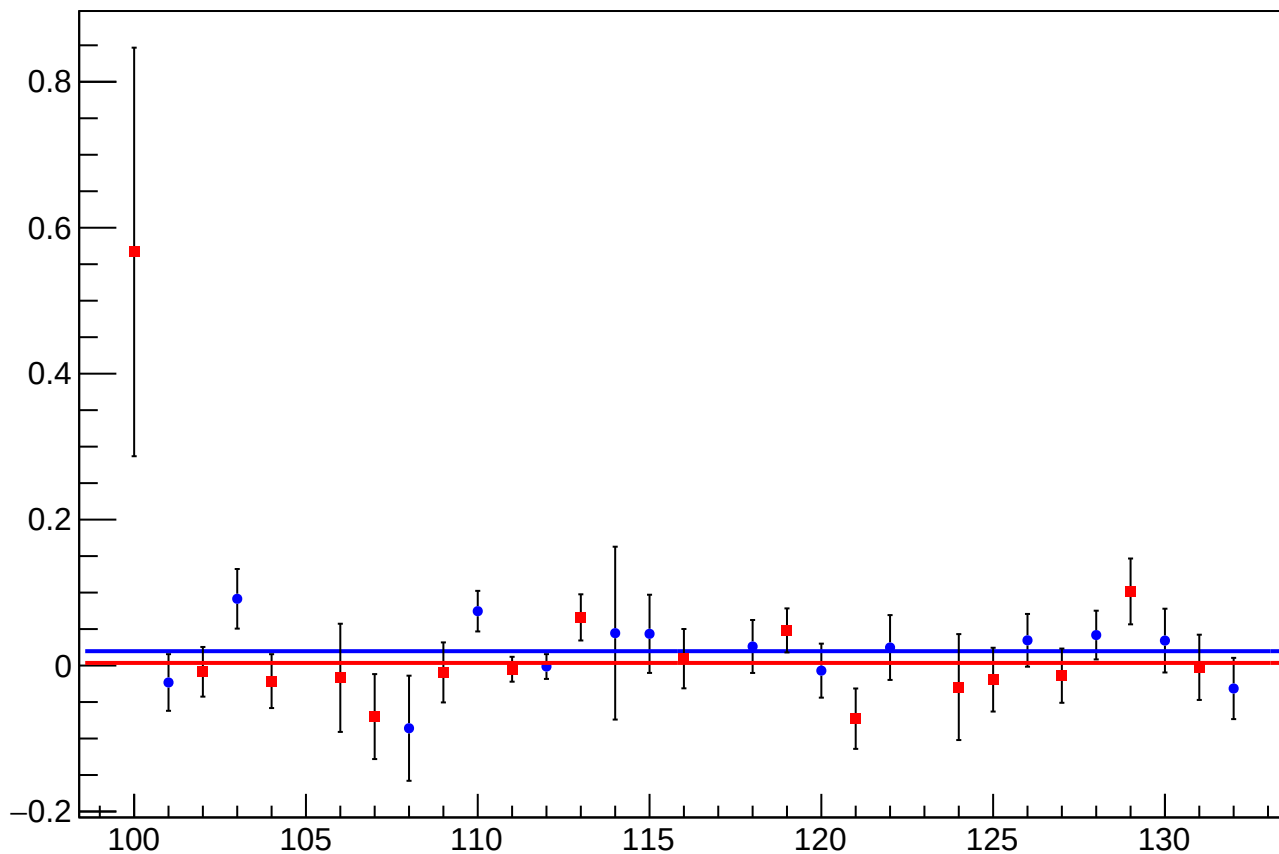
Right: 0.000+/-0.000 χ^2/NDF : 1704523.1/29

In: 0.000+/-0.000 χ^2/NDF : 731894.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1704523.1/29

asym_sam8_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.009 χ^2 /NDF: 14.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.009 χ^2 /NDF: 21.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

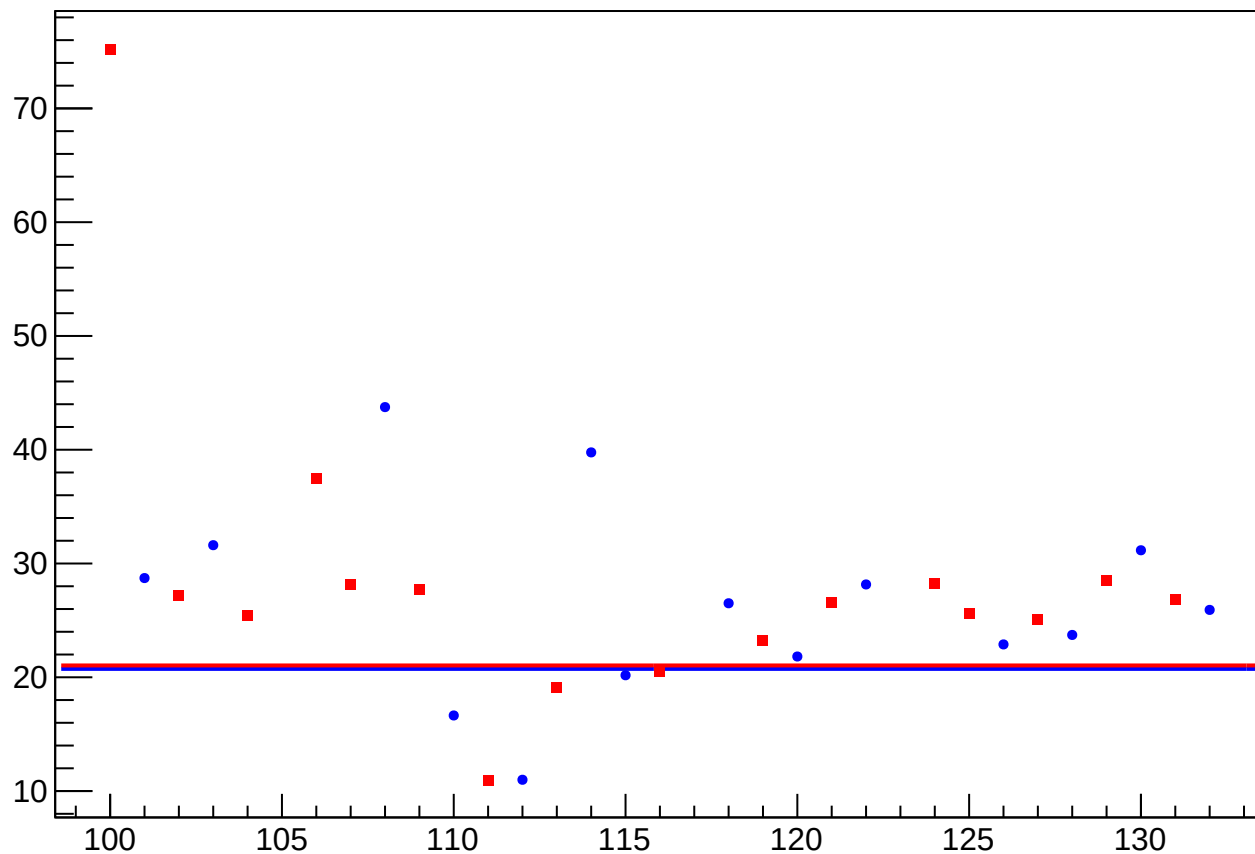
Right: 0.011 $\pm$ 0.007 χ^2 /NDF: 38.0/29

In: 0.020 $\pm$ 0.009 χ^2 /NDF:14.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.007 χ^2 /NDF: 38.0/29

asym_sam8_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.738+/-0.007 χ^2/NDF : 1459282.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 21.039+/-0.006 χ^2/NDF : 1263159.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

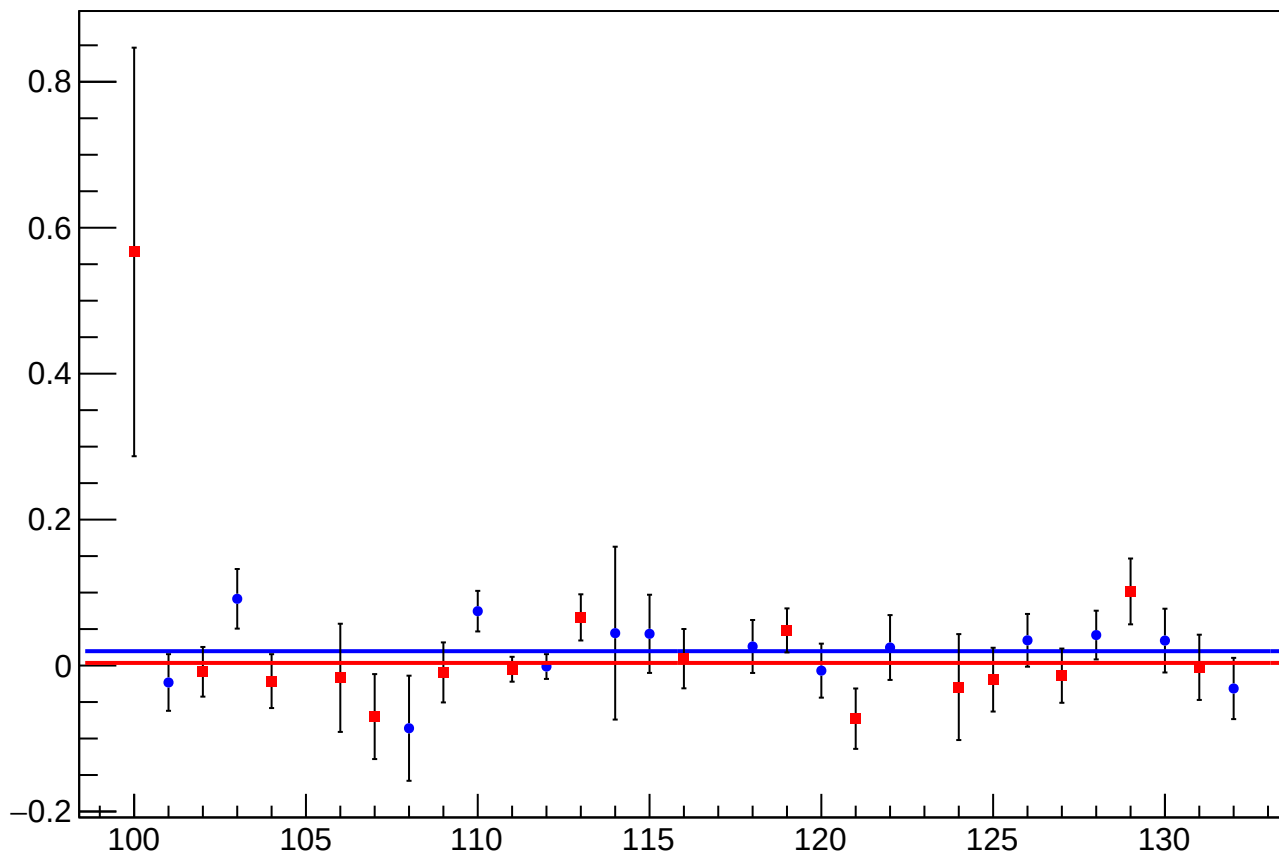
Right: 20.892+/-0.005 χ^2/NDF : 2723493.8/29

In: 20.738+/-0.007 χ^2/NDF :1459282.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20.892+/-0.005 χ^2/NDF : 2723493.8/29

asym_sam8_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.009 χ^2/NDF : 14.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.009 χ^2/NDF : 21.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

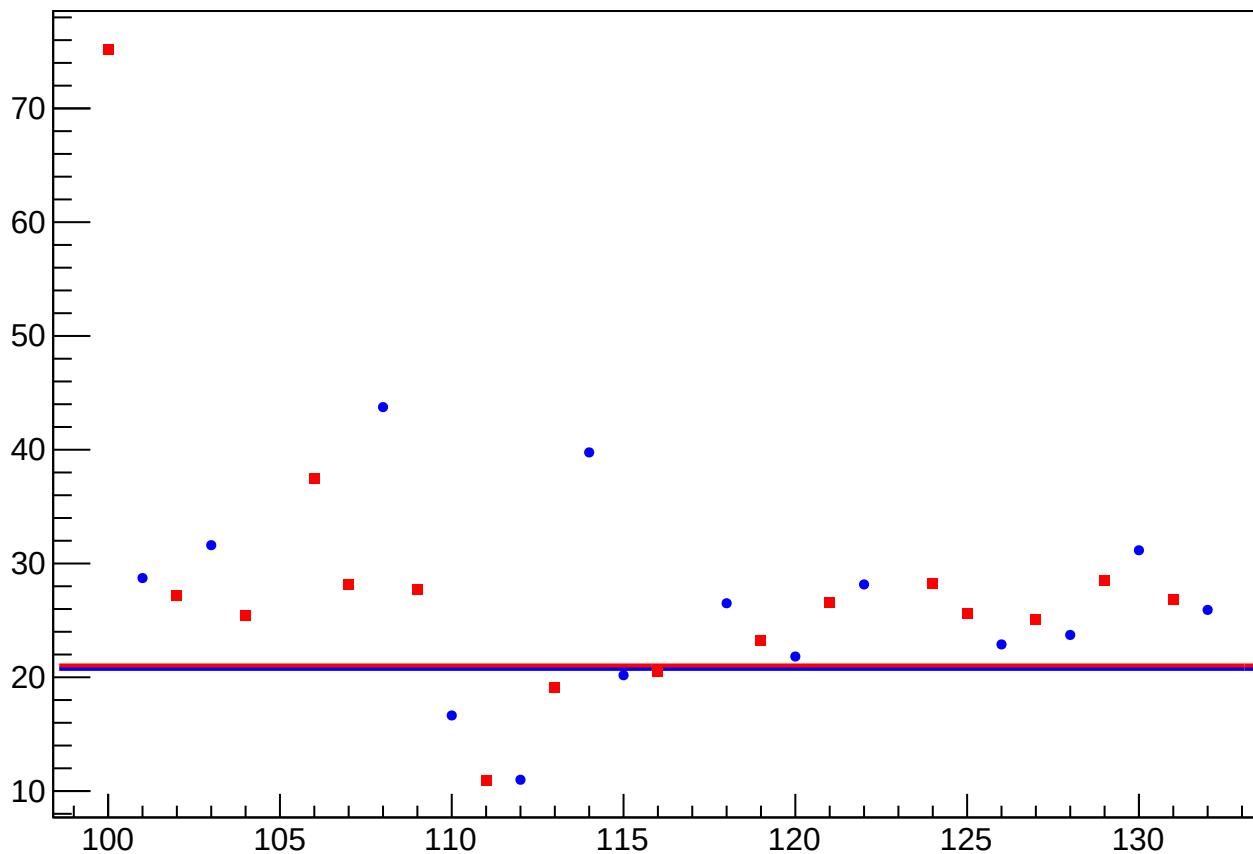
Right: 0.011+/-0.007 χ^2/NDF : 38.0/29

In: 0.020+/-0.009 χ^2/NDF : 14.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.007 χ^2/NDF : 38.0/29

asym_sam8_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.738+/-0.007 χ^2/NDF : 1459282.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.039+/-0.006 χ^2/NDF : 1263159.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

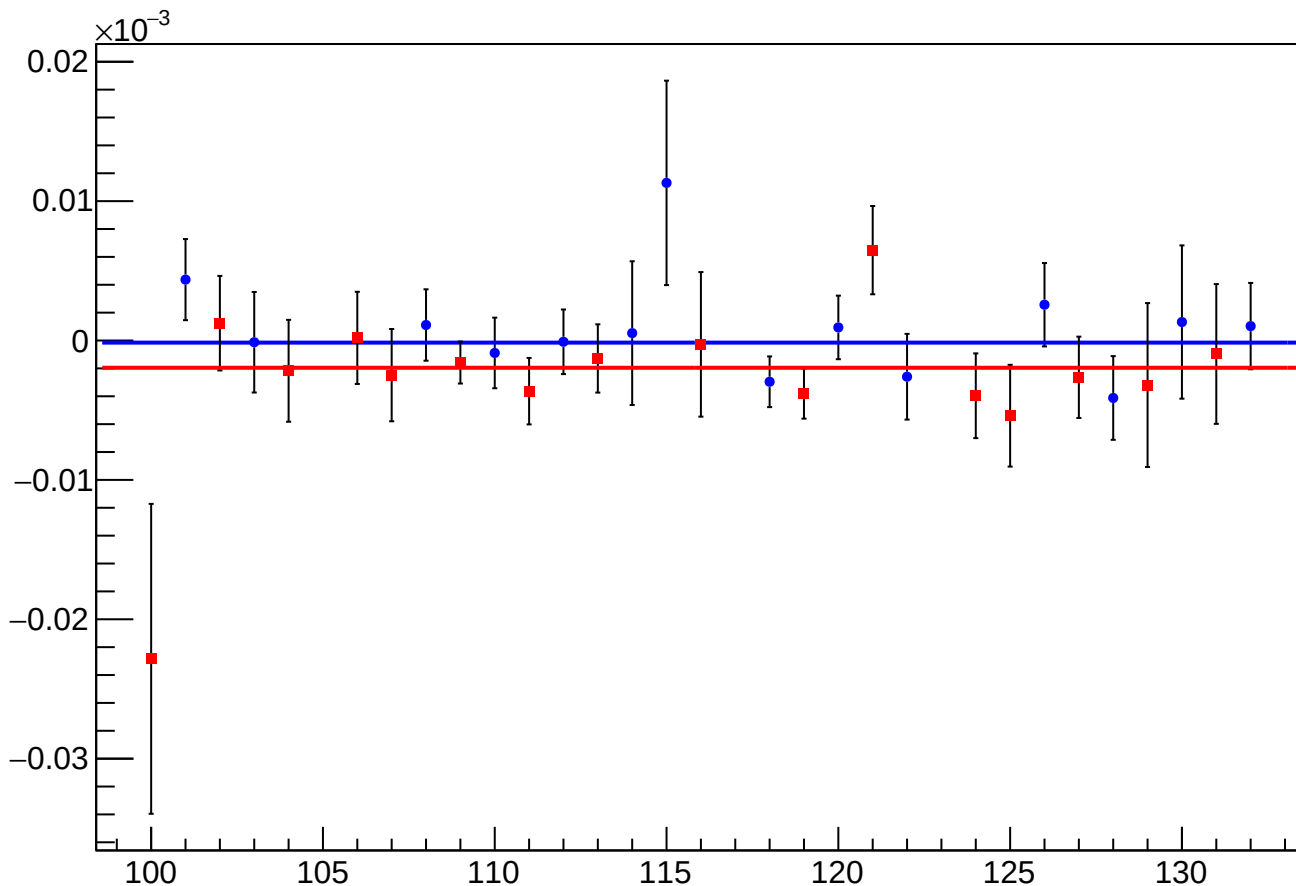
Right: 20.892+/-0.005 χ^2/NDF : 2723493.8/29

In: 20.738+/-0.007 χ^2/NDF : 1459282.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.892+/-0.005 χ^2/NDF : 2723493.8/29

asym_sam8_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

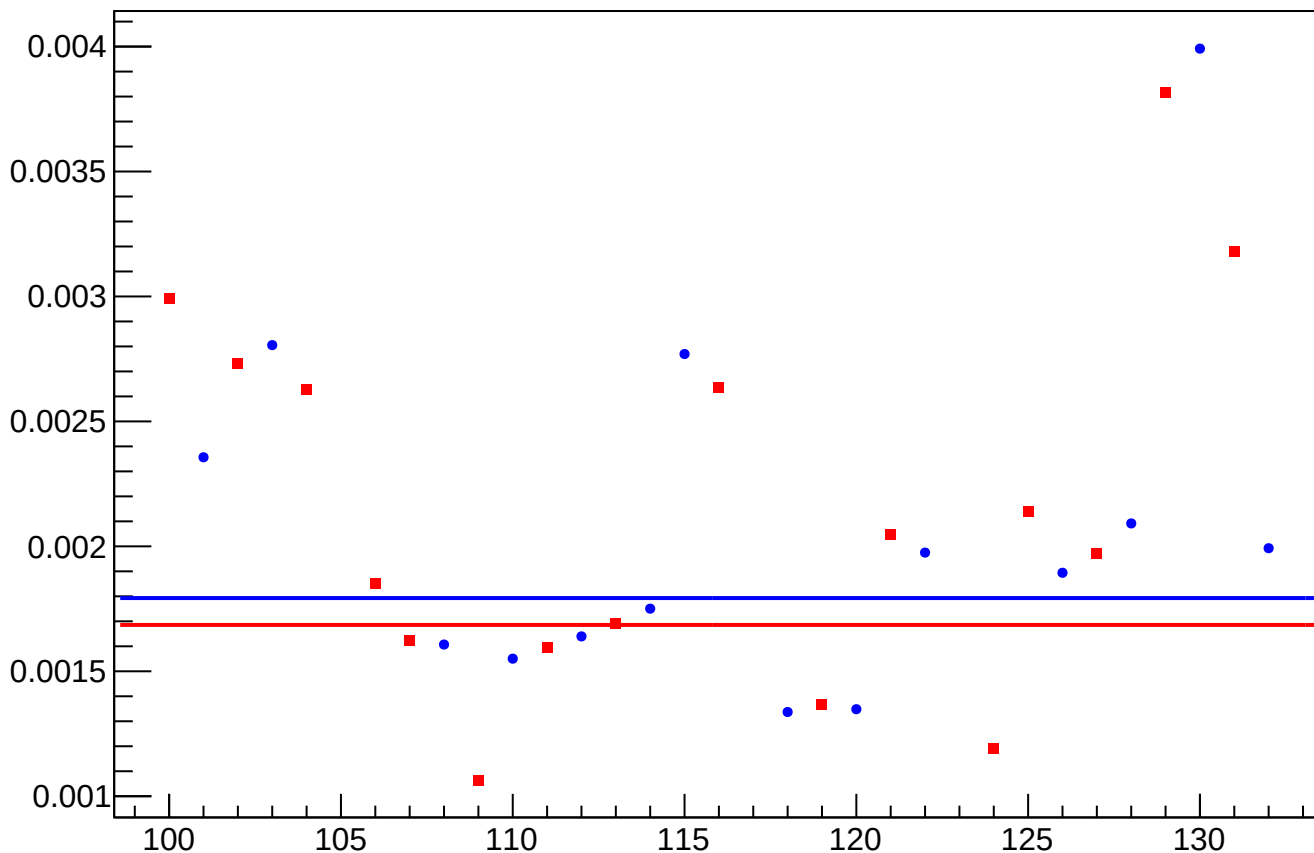
Right: -0.000+/-0.000 χ^2/NDF : 29.4/29

In: -0.000+/-0.000 χ^2/NDF : 11.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.4/29

asym_sam8_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 864607.3/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1400253.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

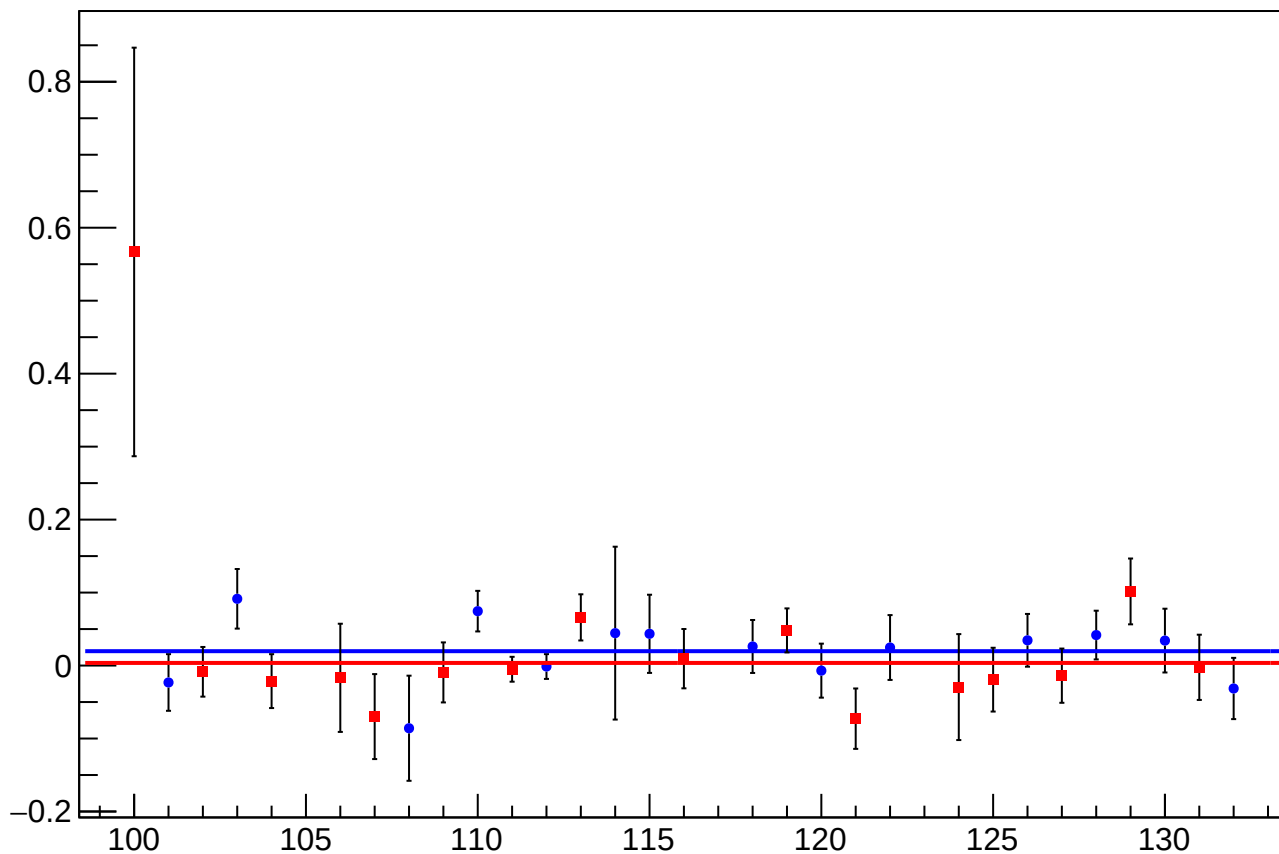
Right: 0.002+/-0.000 χ^2/NDF : 2285917.5/29

In: 0.002+/-0.000 χ^2/NDF :864607.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2285917.5/29

asym_sam8_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.009 χ^2 /NDF: 14.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.009 χ^2 /NDF: 21.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

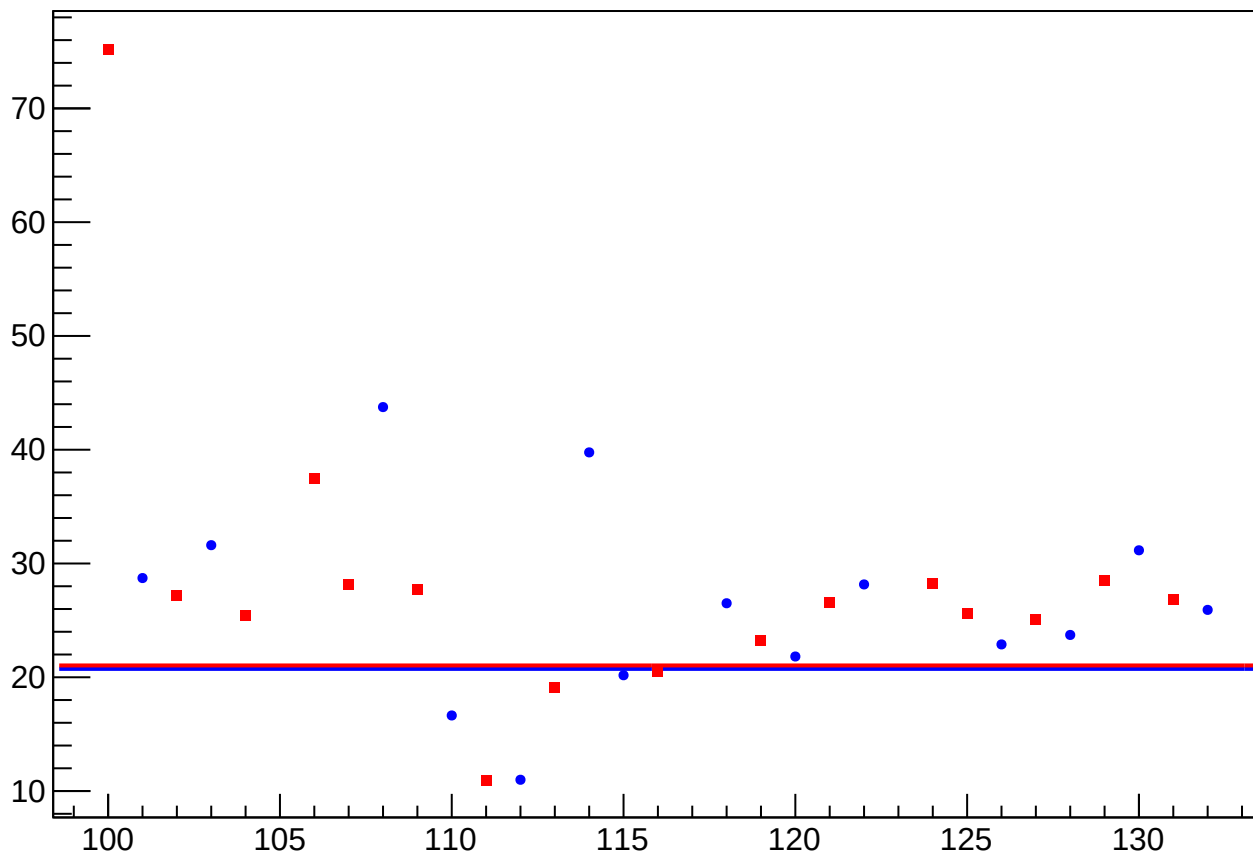
Right: 0.011 $\pm$ 0.007 χ^2 /NDF: 38.0/29

In: 0.020 $\pm$ 0.009 χ^2 /NDF:14.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.007 χ^2 /NDF: 38.0/29

asym_sam8_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.738+/-0.007 χ^2/NDF : 1459405.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 21.039+/-0.006 χ^2/NDF : 1263267.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

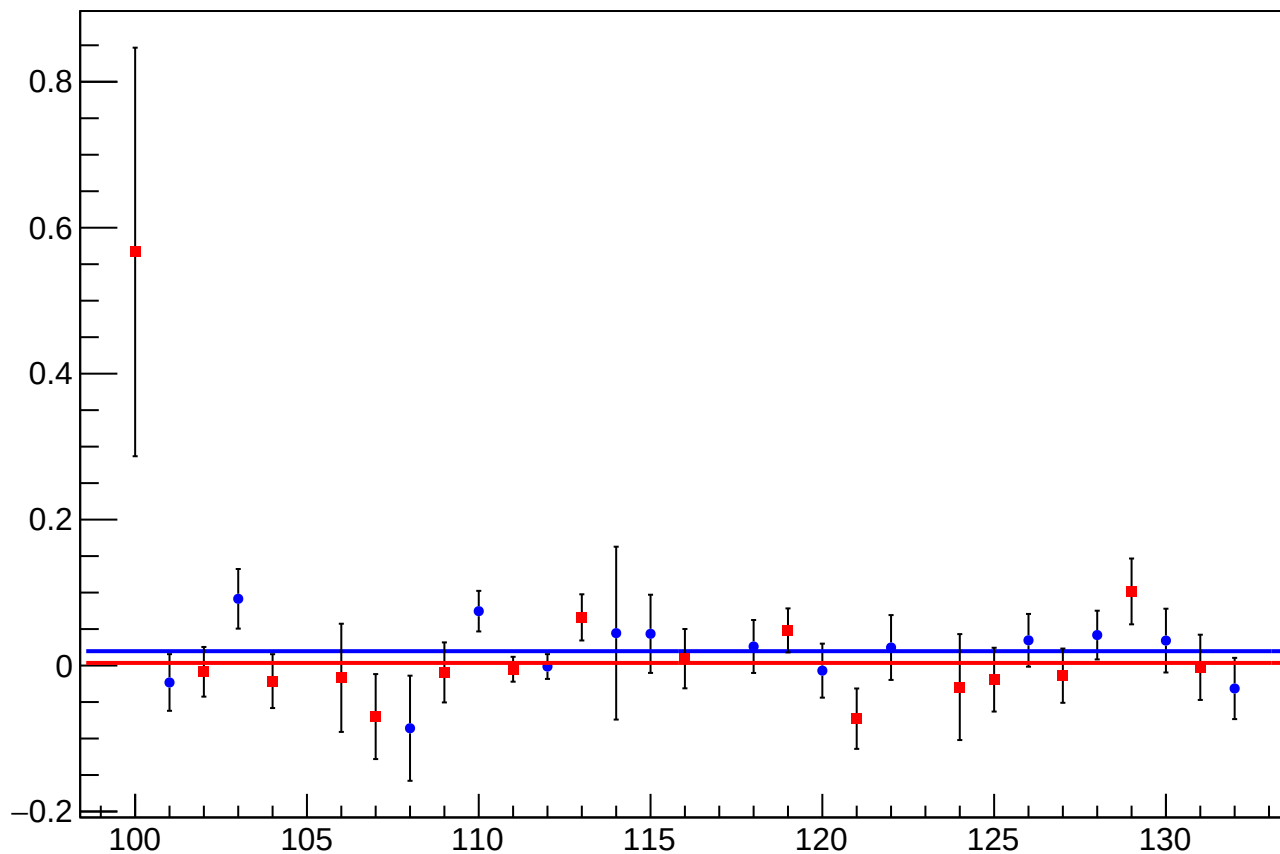
Right: 20.891+/-0.005 χ^2/NDF : 2723724.3/29

In: 20.738+/-0.007 χ^2/NDF :1459405.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20.891+/-0.005 χ^2/NDF : 2723724.3/29

asym_sam8_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.009 χ^2 /NDF: 14.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.009 χ^2 /NDF: 21.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

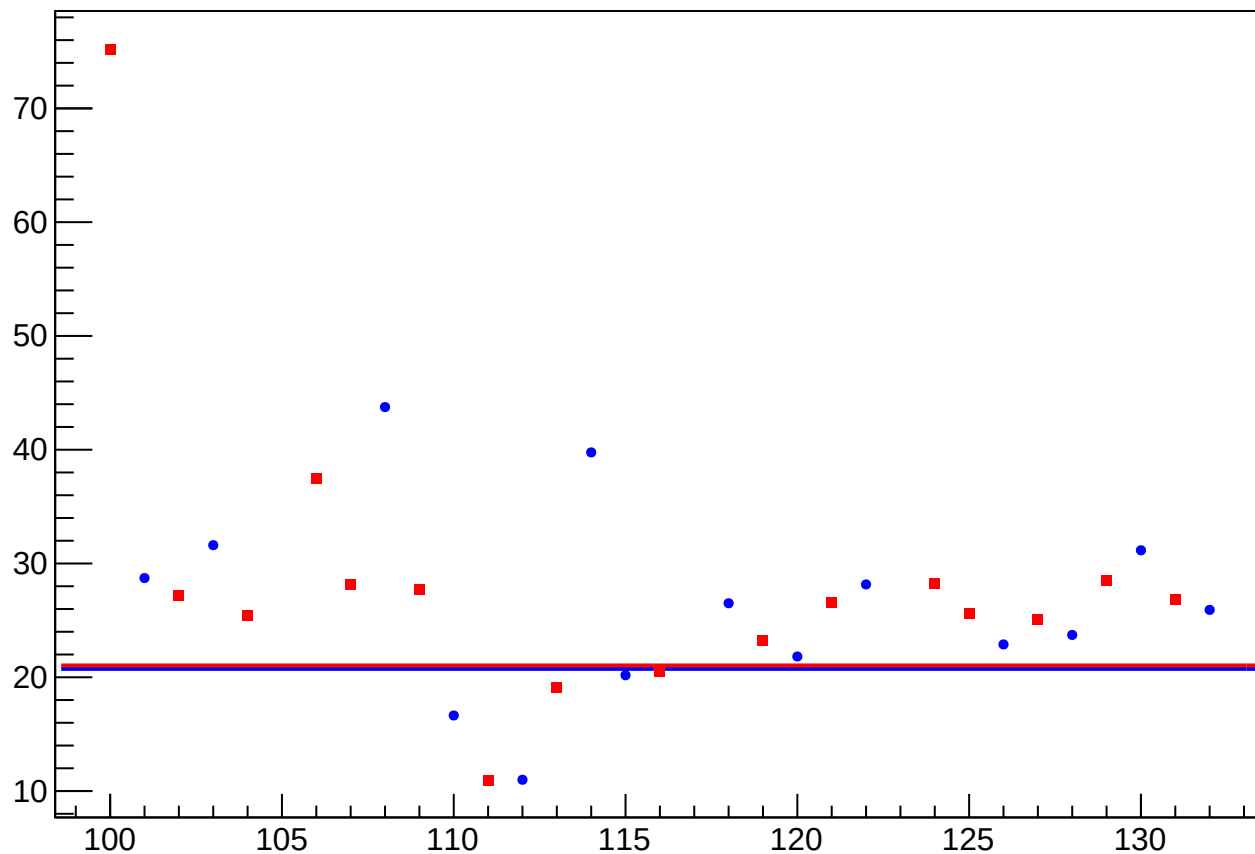
Right: 0.011 $\pm$ 0.007 χ^2 /NDF: 38.0/29

In: 0.020 $\pm$ 0.009 χ^2 /NDF:14.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.007 χ^2 /NDF: 38.0/29

asym_sam8_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.738+/-0.007 χ^2/NDF : 1459405.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.039+/-0.006 χ^2/NDF : 1263267.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

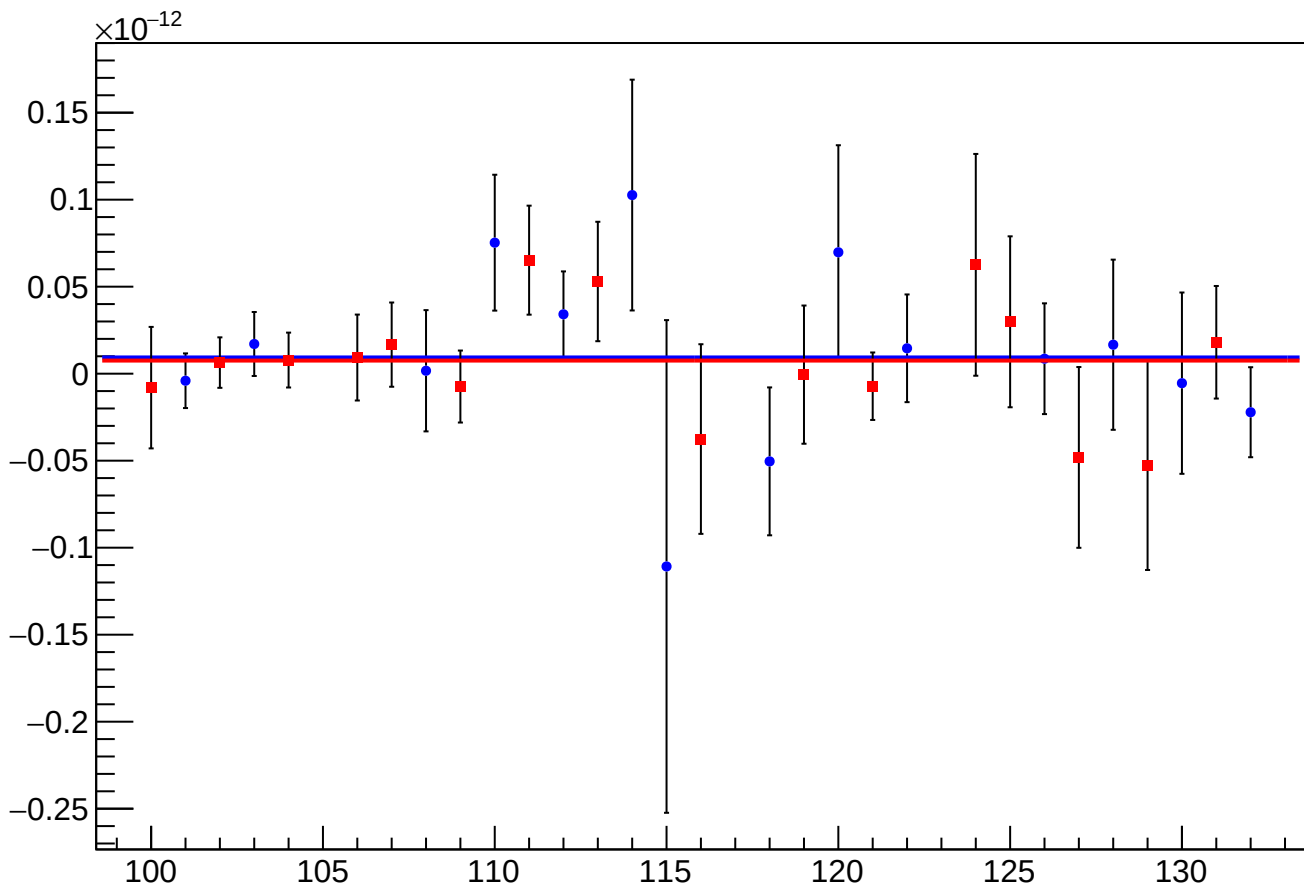
Right: 20.891+/-0.005 χ^2/NDF : 2723724.3/29

In: 20.738+/-0.007 χ^2/NDF : 1459405.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.891+/-0.005 χ^2/NDF : 2723724.3/29

asym_sam8_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

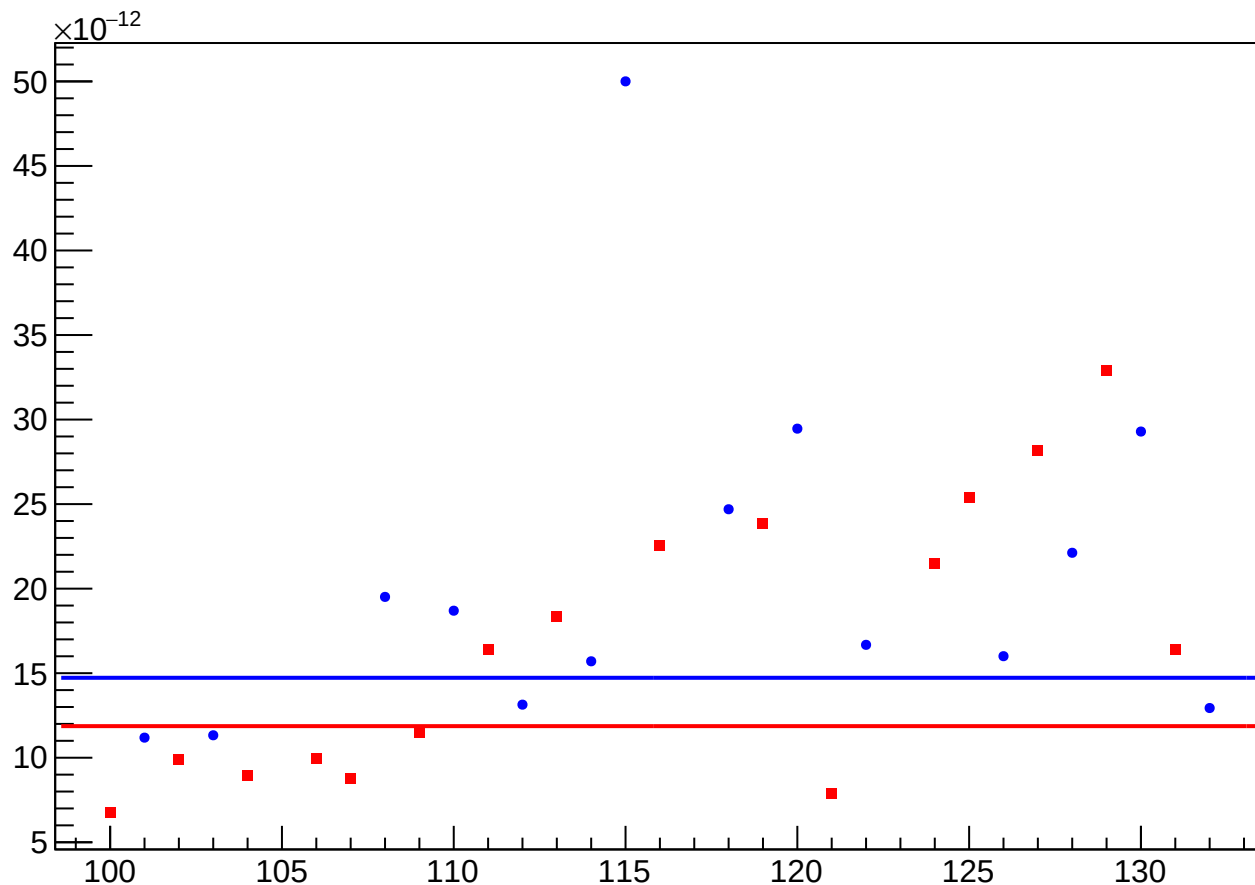
Right: 0.000+/-0.000 χ^2/NDF : 22.6/29

In: 0.000+/-0.000 χ^2/NDF : 12.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.6/29

asym_sam8_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 808801.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1329707.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

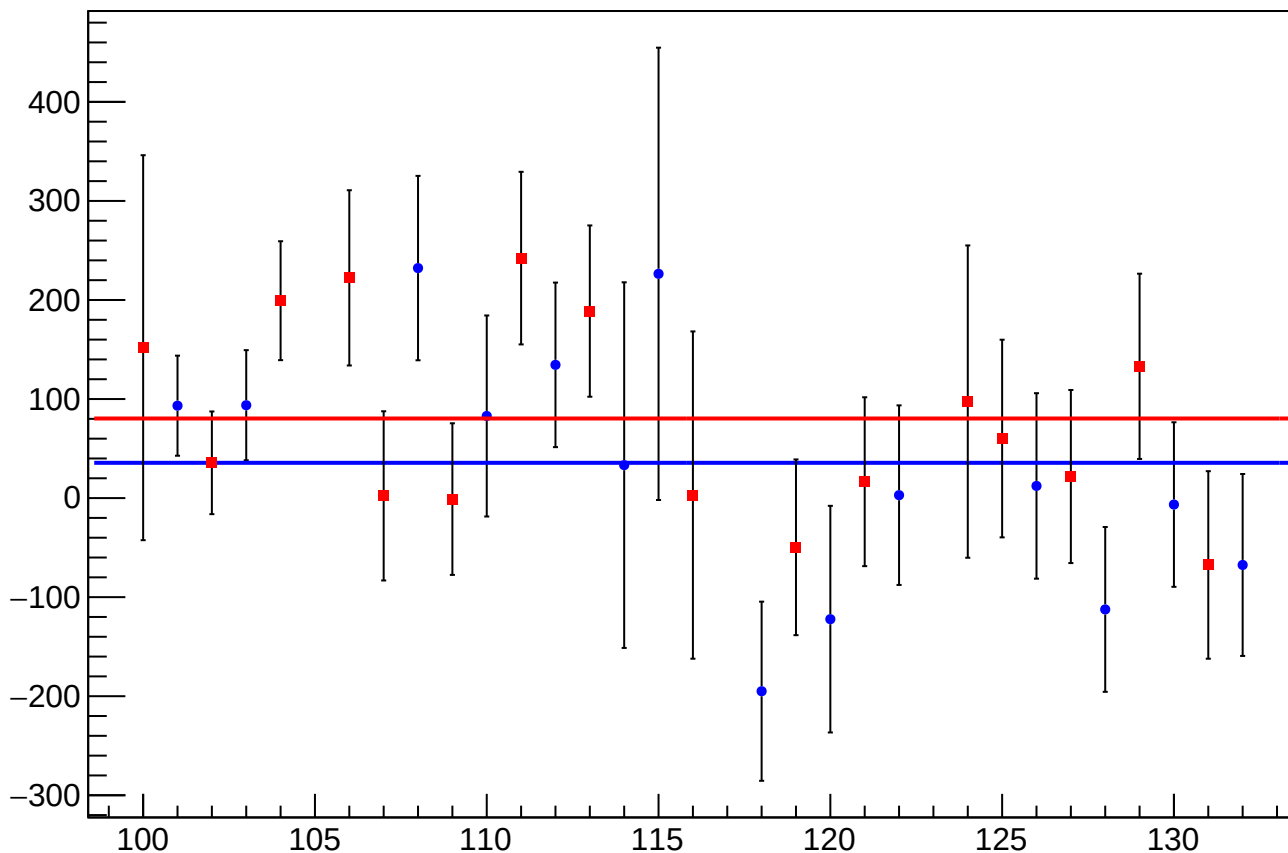
Right: 0.000+/-0.000 χ^2/NDF : 2290328.3/29

In: 0.000+/-0.000 χ^2/NDF : 808801.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2290328.3/29

reg_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 35.619 $\pm$ 22.566 χ^2 /NDF: 22.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 80.355 $\pm$ 21.436 χ^2 /NDF: 20.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

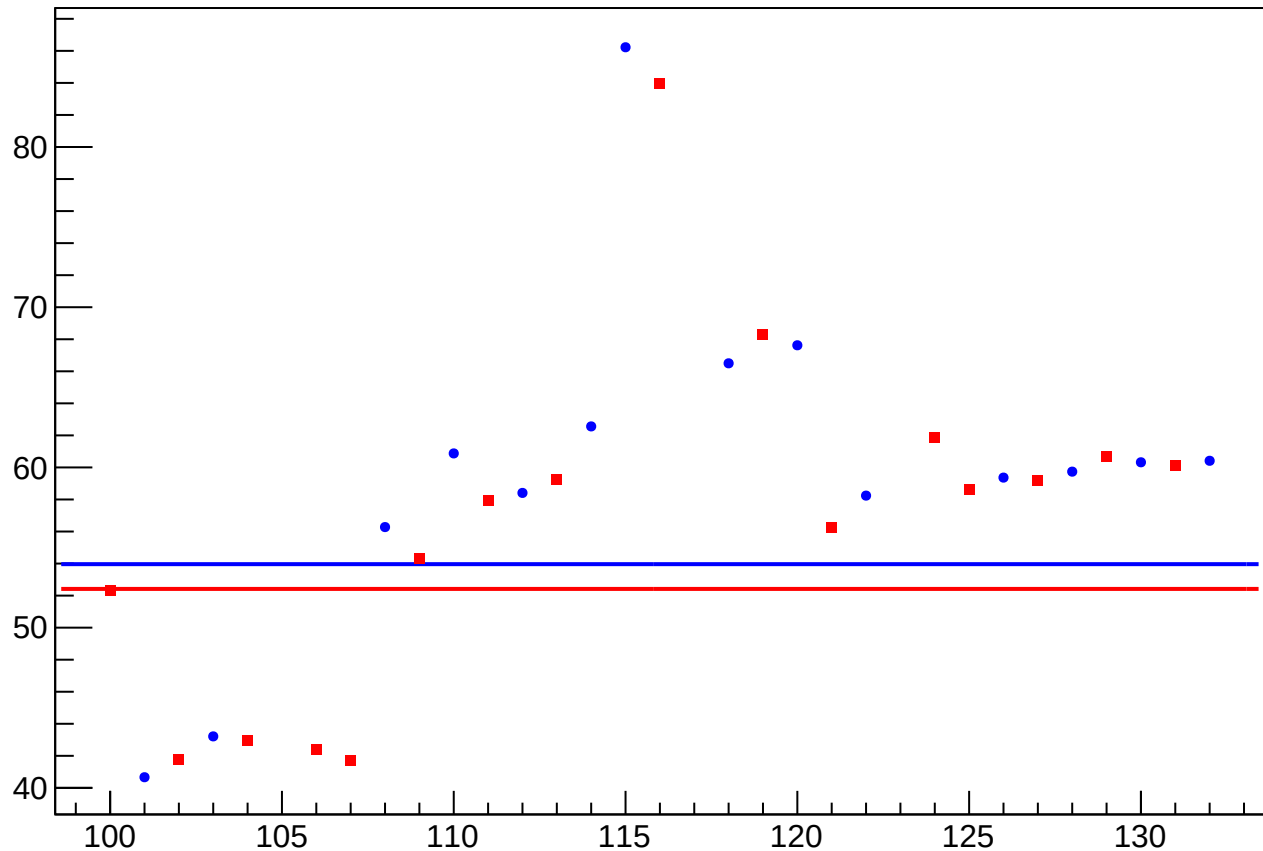
Right: 59.135 $\pm$ 15.542 χ^2 /NDF: 45.1/29

In: 35.619 $\pm$ 22.566 χ^2 /NDF:22.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 59.135 $\pm$ 15.542 χ^2 /NDF: 45.1/29

reg_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 53.963+/-0.016 χ^2/NDF : 383178.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.418+/-0.015 χ^2/NDF : 409618.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

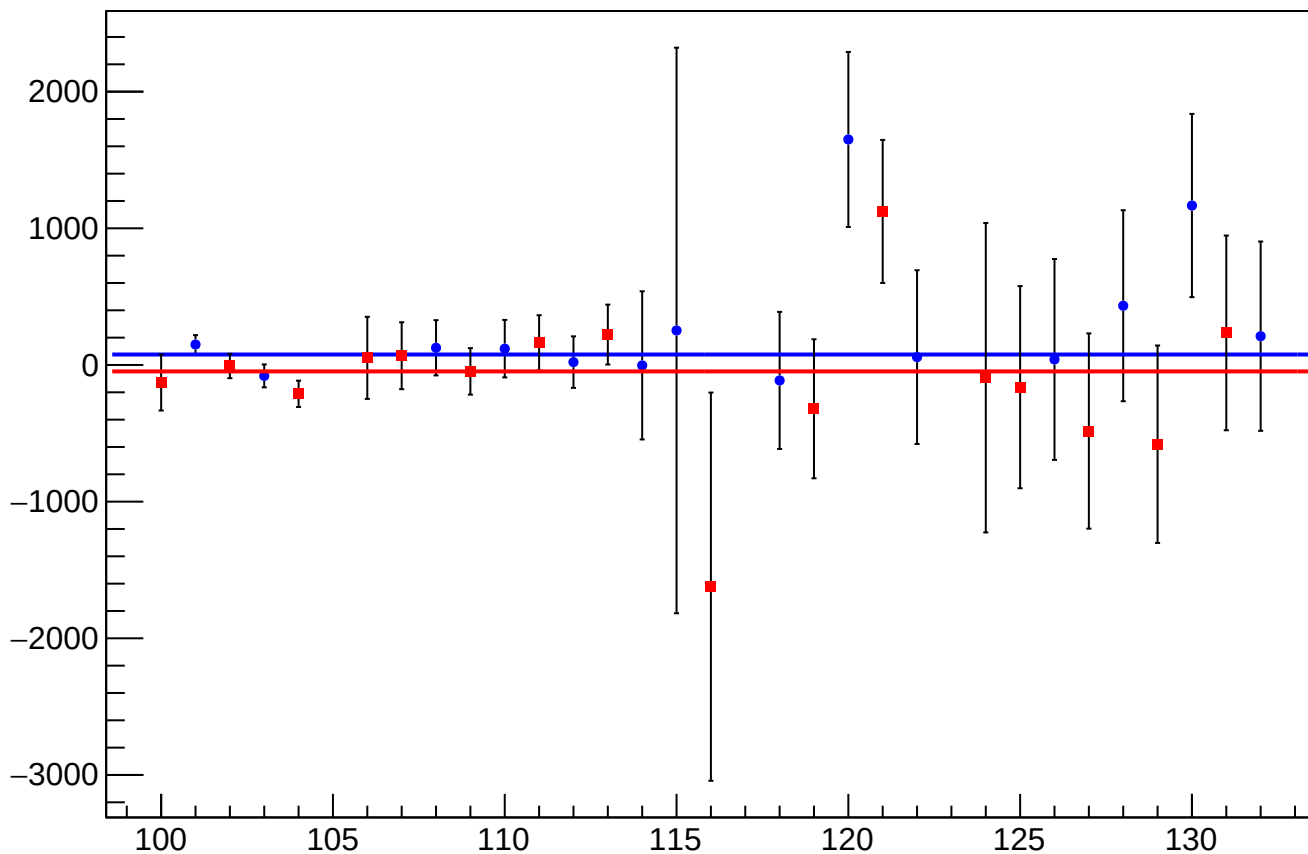
Right: 53.151+/-0.011 χ^2/NDF : 797727.6/29

In: 53.963+/-0.016 χ^2/NDF : 383178.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.151+/-0.011 χ^2/NDF : 797727.6/29

asym_sam_15_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 76.555+/-47.189 χ^2/NDF : 13.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -47.028+/-51.192 χ^2/NDF : 13.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

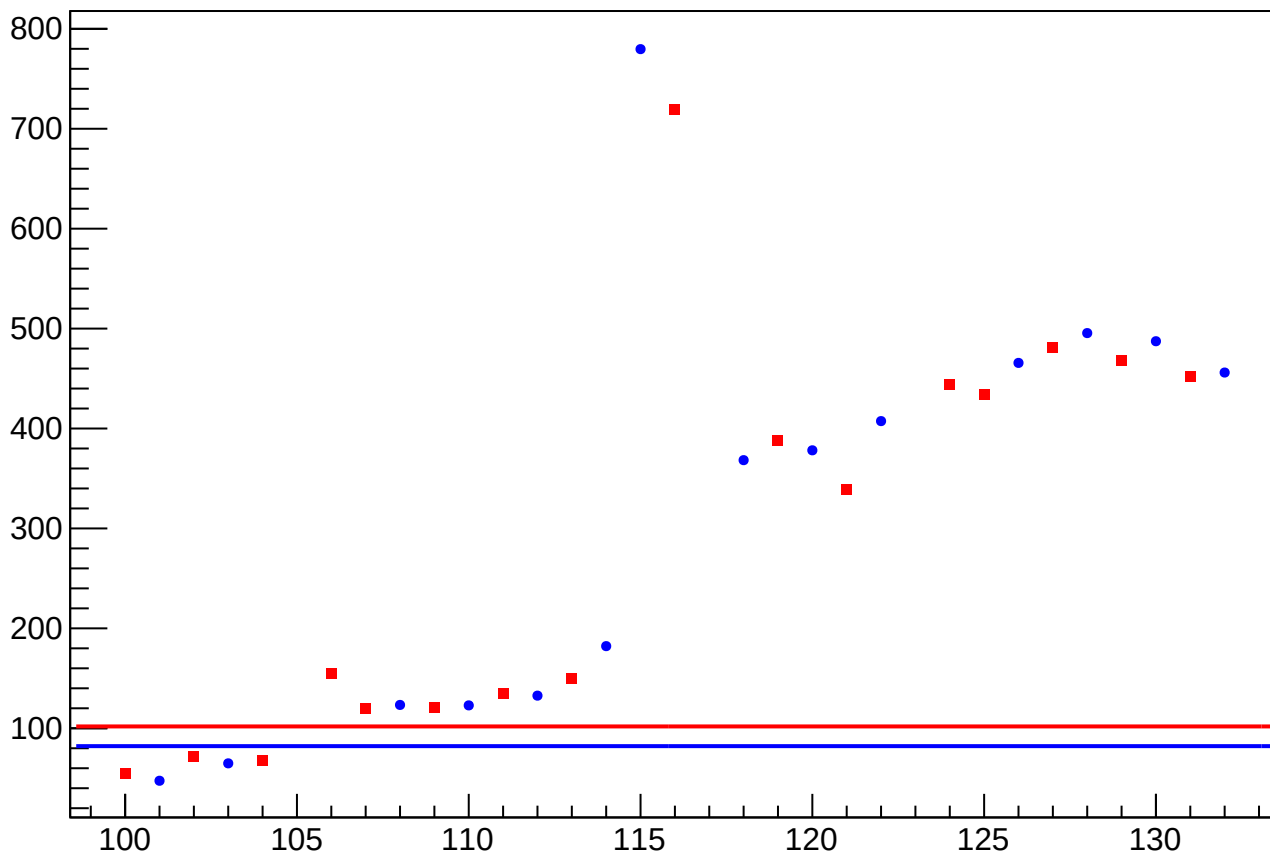
Right: 19.784+/-34.697 χ^2/NDF : 30.9/29

In: 76.555+/-47.189 χ^2/NDF : 13.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.784+/-34.697 χ^2/NDF : 30.9/29

asym_sam_15_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 82.116+/-0.033 χ^2/NDF : 5349866.6/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 101.839+/-0.036 χ^2/NDF : 4413585.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

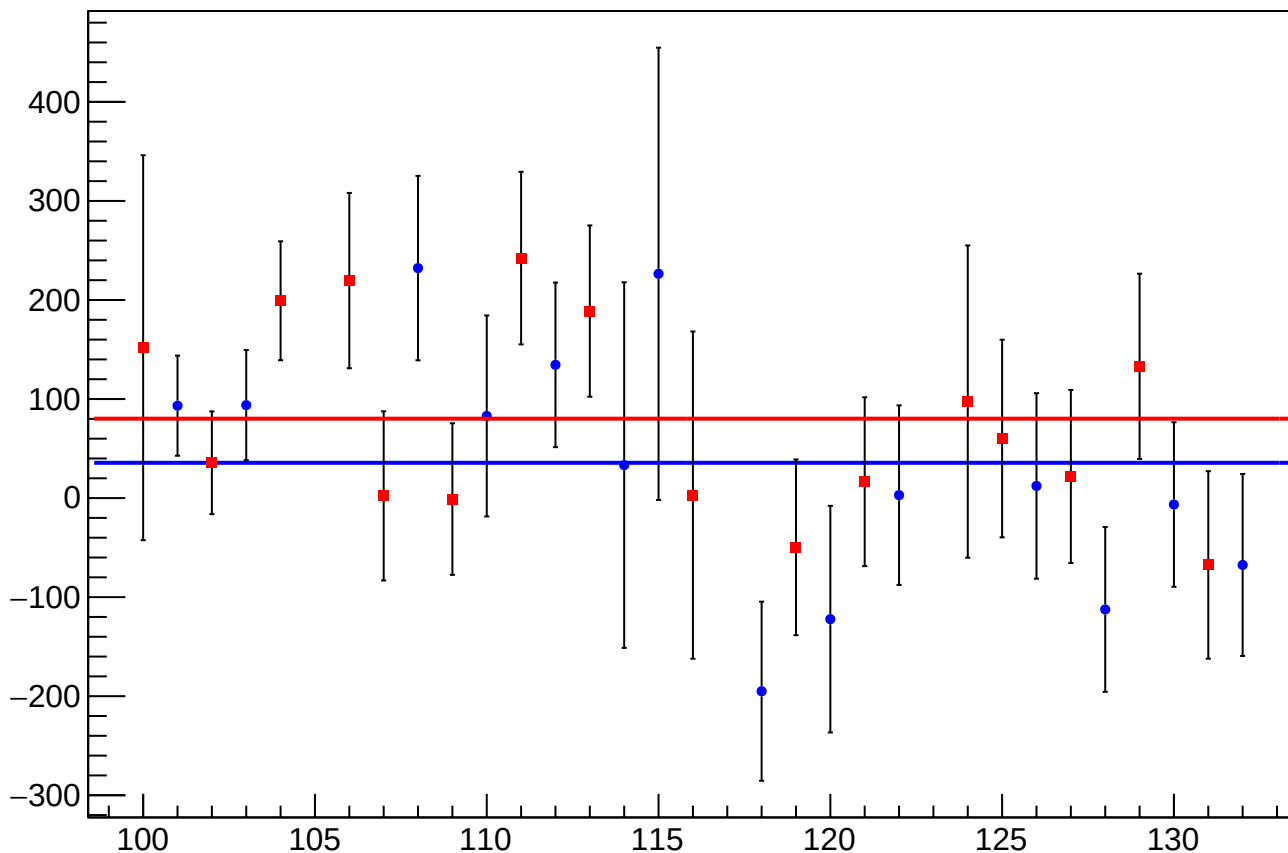
Right: 91.176+/-0.025 χ^2/NDF : 9923952.4/29

In: 82.116+/-0.033 χ^2/NDF :5349866.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 91.176+/-0.025 χ^2/NDF : 9923952.4/29

cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 35.632 $\pm$ 22.566 χ^2 /NDF: 22.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 80.195 $\pm$ 21.438 χ^2 /NDF: 20.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

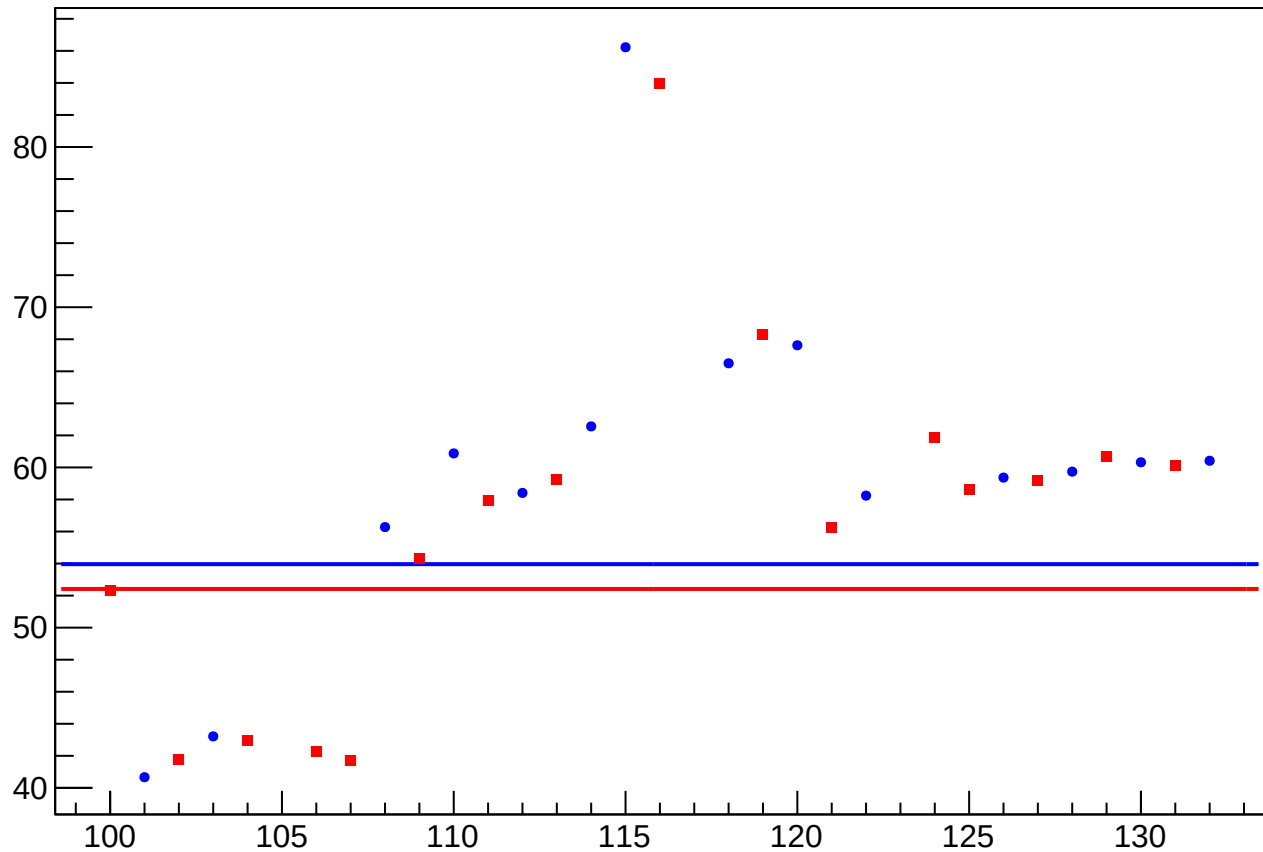
Right: 59.055 $\pm$ 15.542 χ^2 /NDF: 45.0/29

In: 35.632 $\pm$ 22.566 χ^2 /NDF:22.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 59.055 $\pm$ 15.542 χ^2 /NDF: 45.0/29

cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 53.963+/-0.016 χ^2/NDF : 383178.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.415+/-0.015 χ^2/NDF : 409915.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

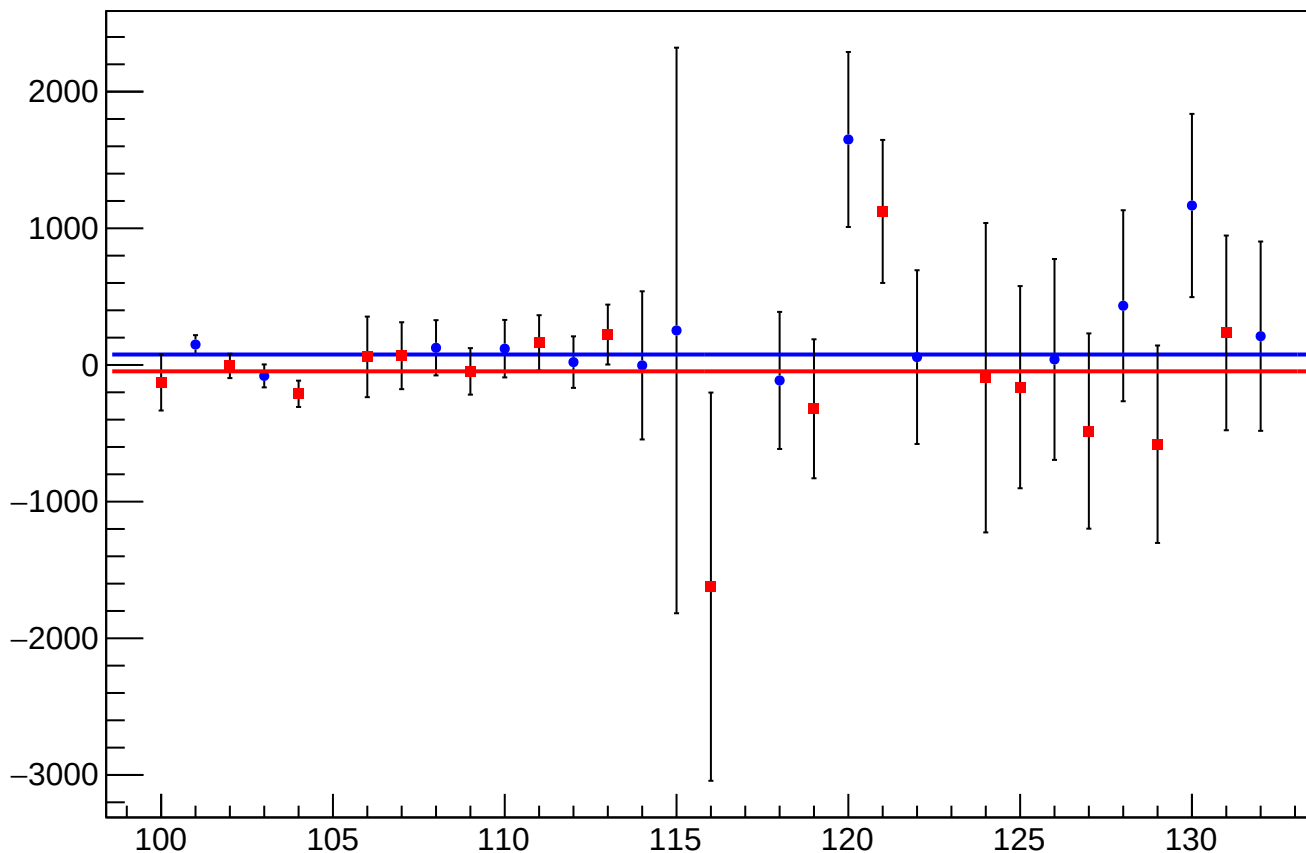
Right: 53.149+/-0.011 χ^2/NDF : 798040.6/29

In: 53.963+/-0.016 χ^2/NDF : 383178.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.149+/-0.011 χ^2/NDF : 798040.6/29

asym_sam_15_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 76.558+/-47.188 χ^2/NDF : 13.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -46.535+/-51.147 χ^2/NDF : 13.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

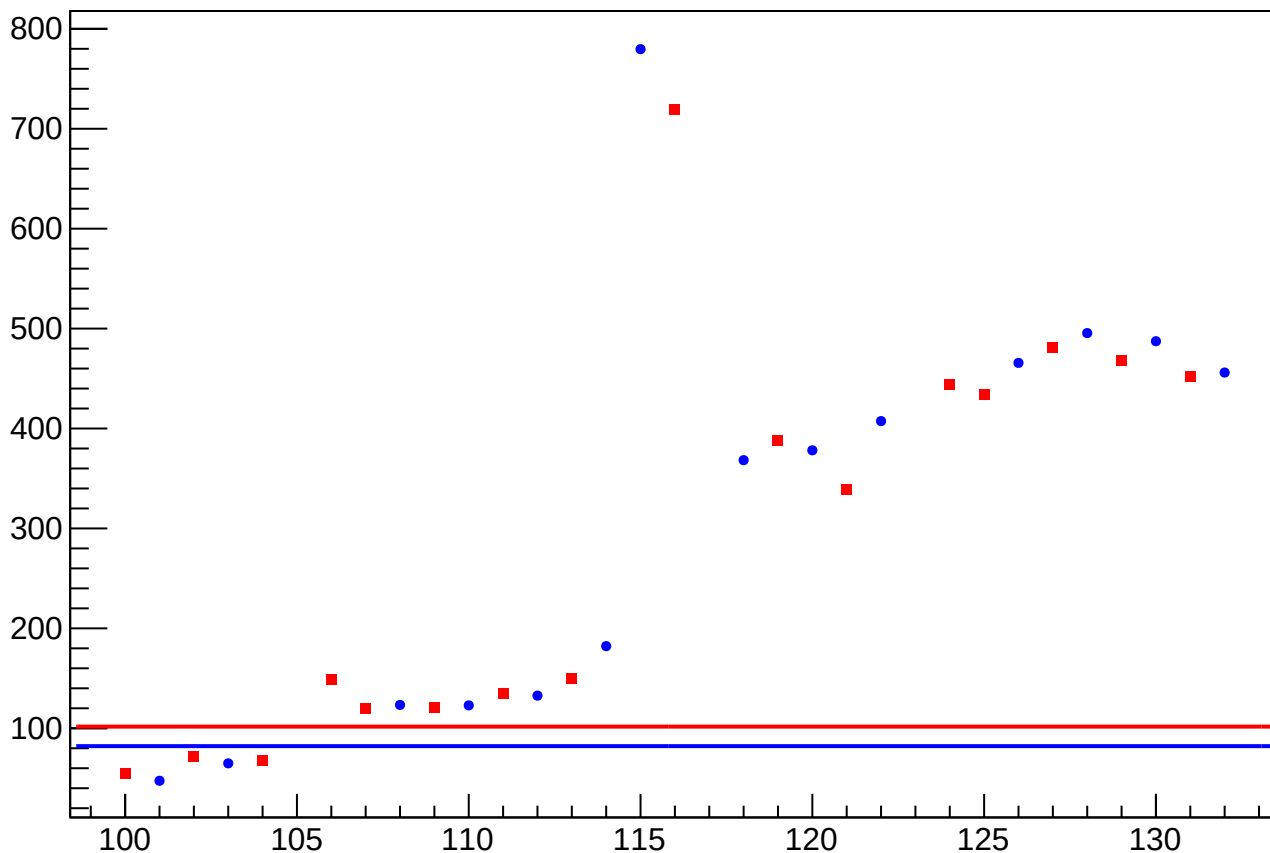
Right: 19.960+/-34.682 χ^2/NDF : 30.9/29

In: 76.558+/-47.188 χ^2/NDF : 13.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.960+/-34.682 χ^2/NDF : 30.9/29

asym_sam_15_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 82.114+/-0.033 χ^2/NDF : 5349918.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.666+/-0.036 χ^2/NDF : 4403815.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

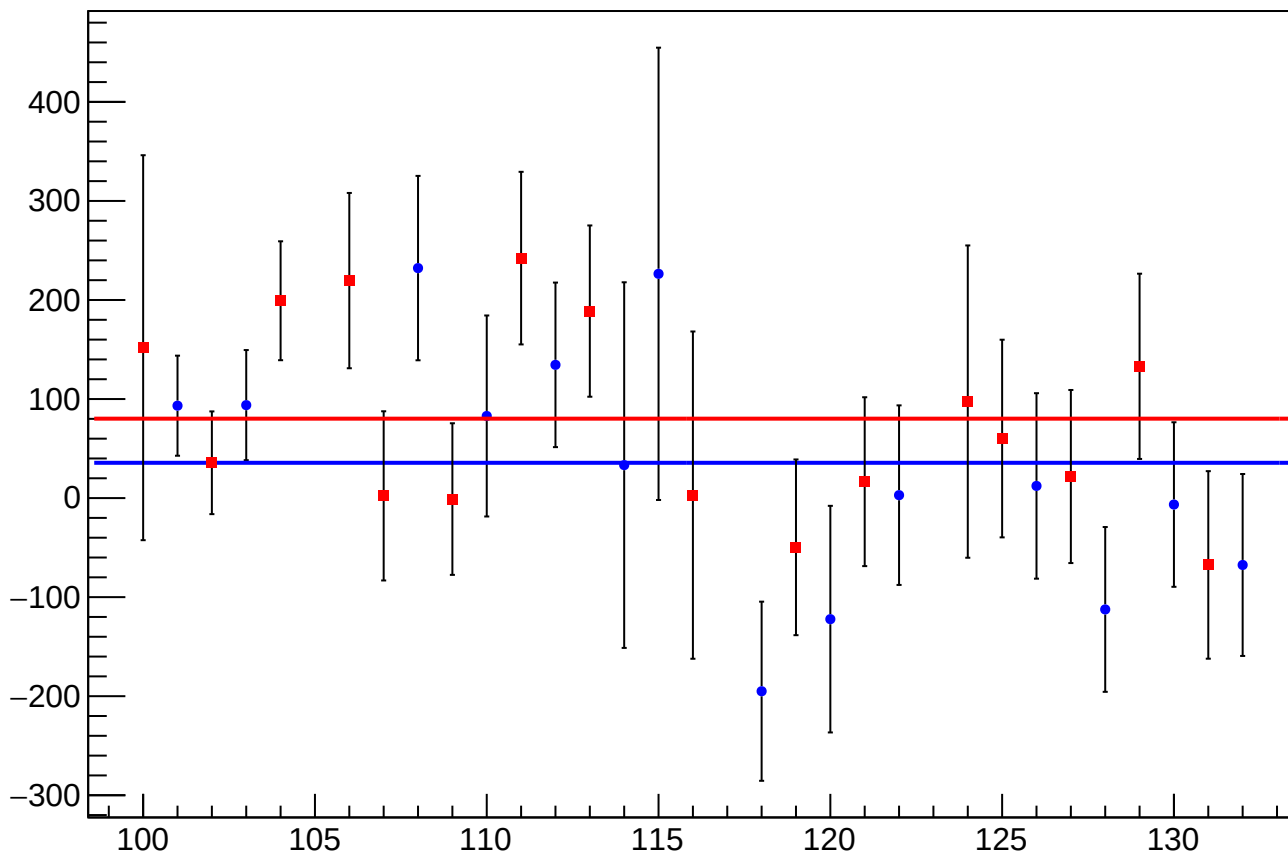
Right: 91.104+/-0.025 χ^2/NDF : 9911614.1/29

In: 82.114+/-0.033 χ^2/NDF : 5349918.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.104+/-0.025 χ^2/NDF : 9911614.1/29

eigen_cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 35.632 $\pm$ 22.566 χ^2 /NDF: 22.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 80.195 $\pm$ 21.438 χ^2 /NDF: 20.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

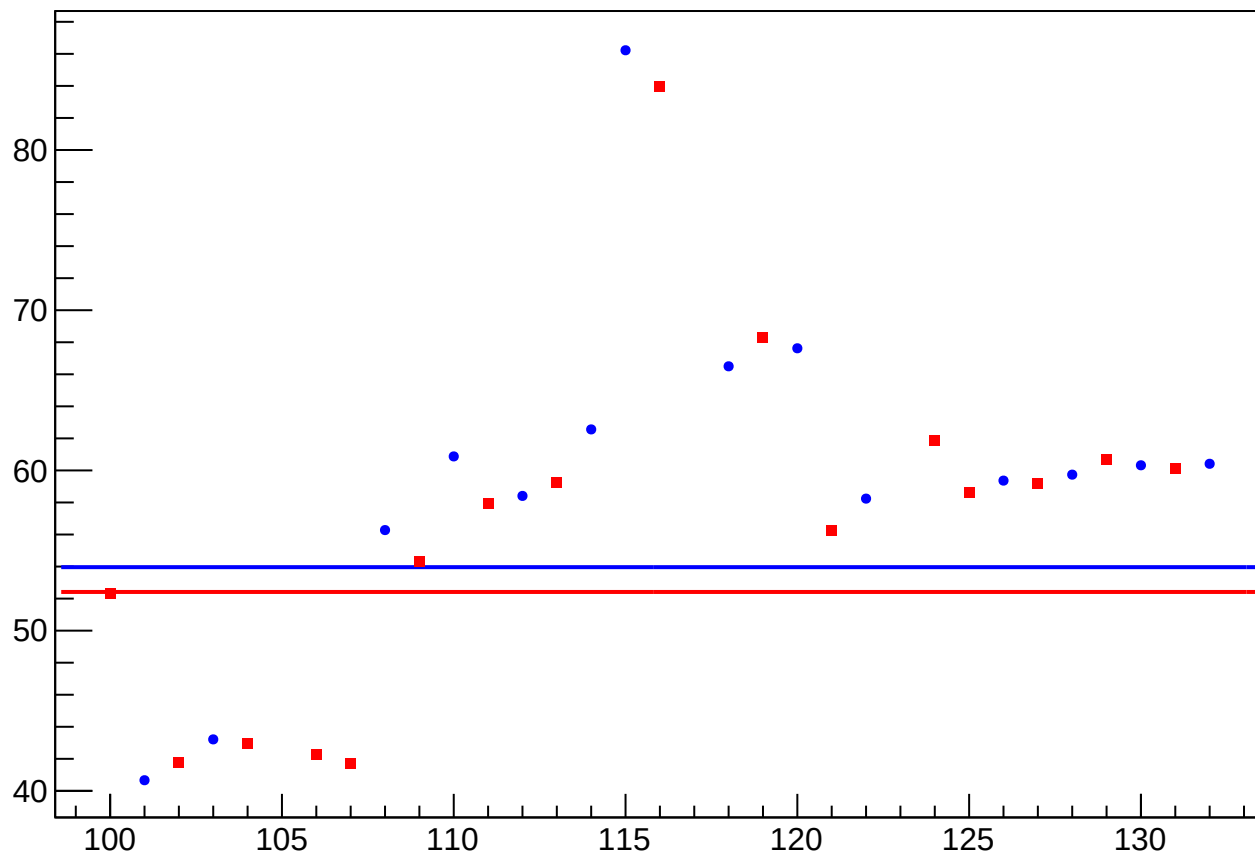
Right: 59.055 $\pm$ 15.542 χ^2 /NDF: 45.0/29

In: 35.632 $\pm$ 22.566 χ^2 /NDF:22.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 59.055 $\pm$ 15.542 χ^2 /NDF: 45.0/29

eigen_cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 53.963+/-0.016 χ^2/NDF : 383178.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.415+/-0.015 χ^2/NDF : 409915.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

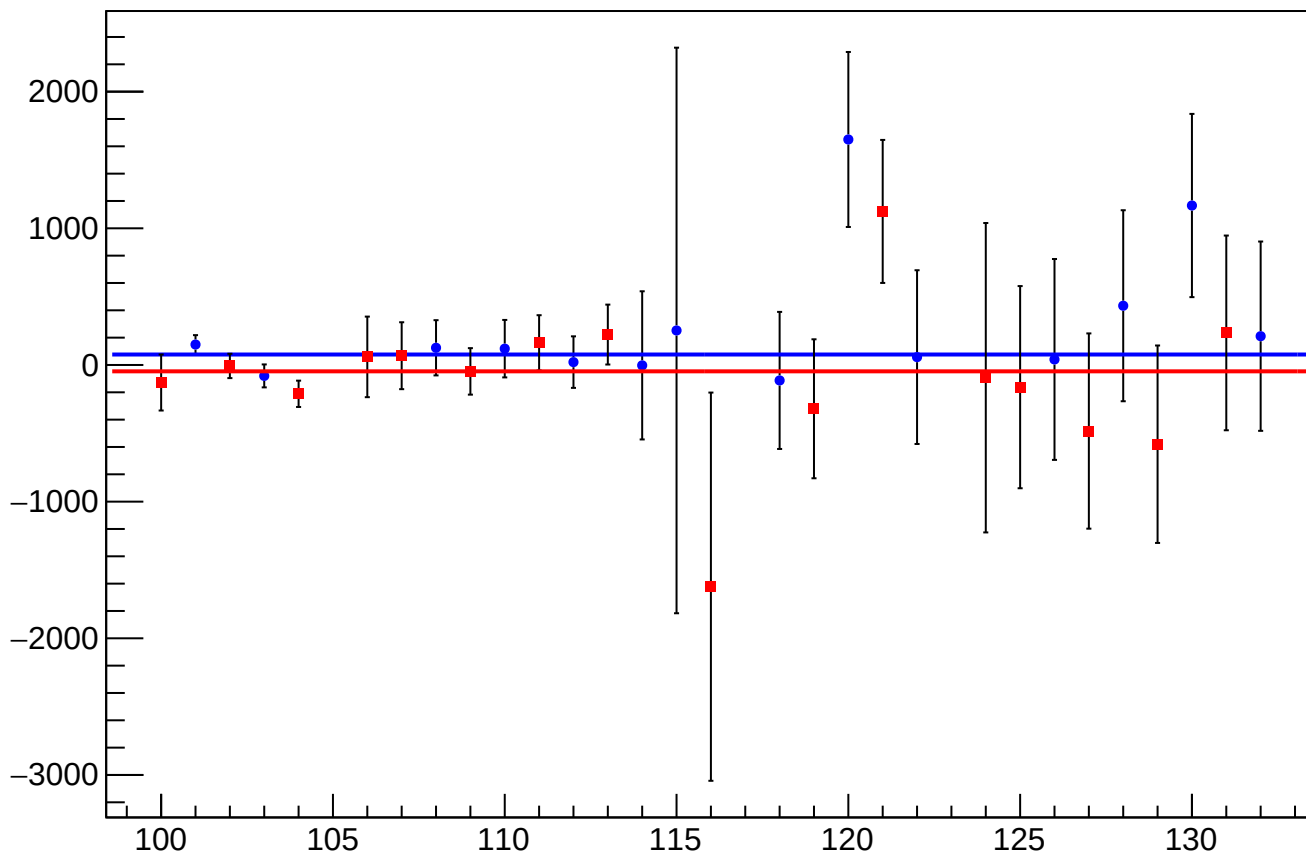
Right: 53.149+/-0.011 χ^2/NDF : 798040.6/29

In: 53.963+/-0.016 χ^2/NDF : 383178.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.149+/-0.011 χ^2/NDF : 798040.6/29

asym_sam_15_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 76.558+/-47.188 χ^2/NDF : 13.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -46.535+/-51.147 χ^2/NDF : 13.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

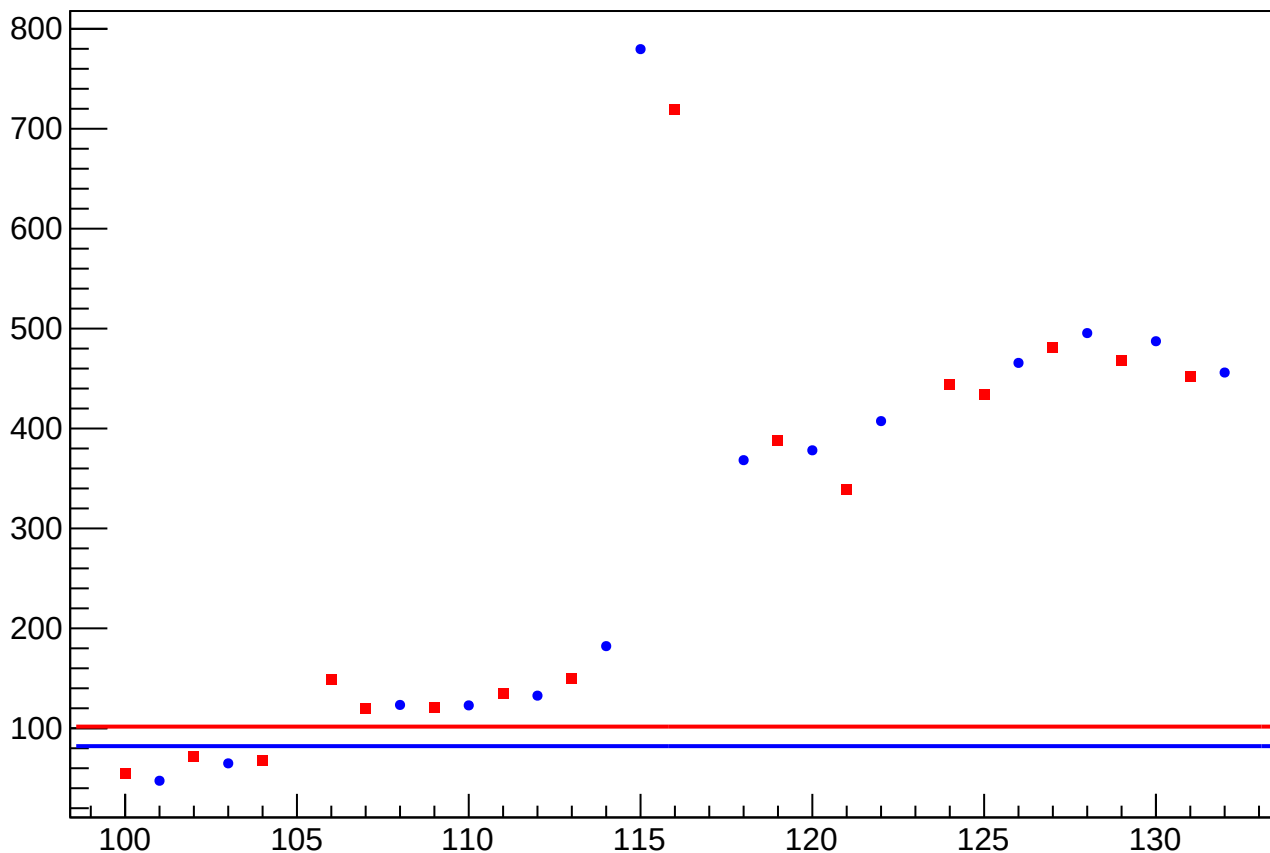
Right: 19.960+/-34.682 χ^2/NDF : 30.9/29

In: 76.558+/-47.188 χ^2/NDF : 13.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.960+/-34.682 χ^2/NDF : 30.9/29

asym_sam_15_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 82.114+/-0.033 χ^2/NDF : 5349918.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.666+/-0.036 χ^2/NDF : 4403815.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

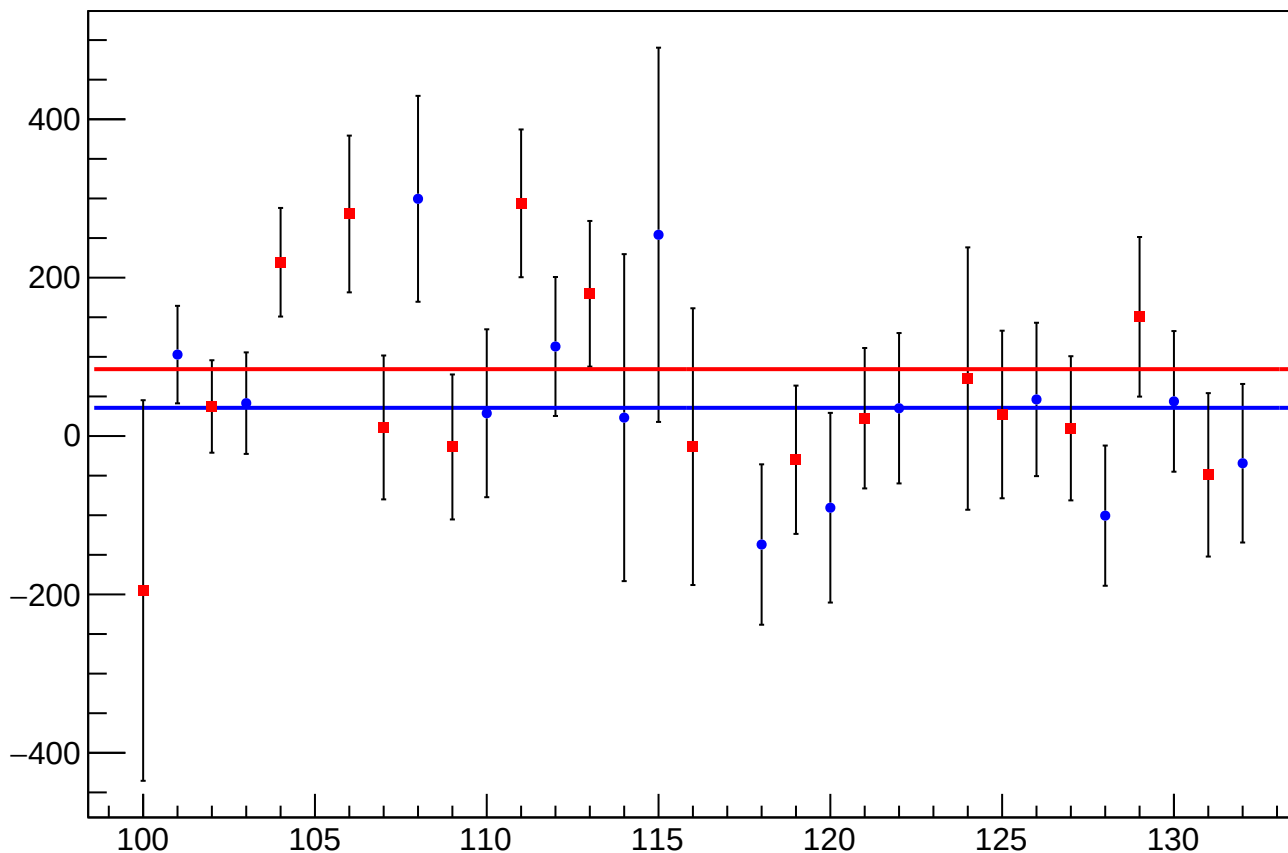
Right: 91.104+/-0.025 χ^2/NDF : 9911614.1/29

In: 82.114+/-0.033 χ^2/NDF : 5349918.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.104+/-0.025 χ^2/NDF : 9911614.1/29

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 35.619+/-25.273 χ^2/NDF : 13.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.452+/-23.492 χ^2/NDF : 23.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

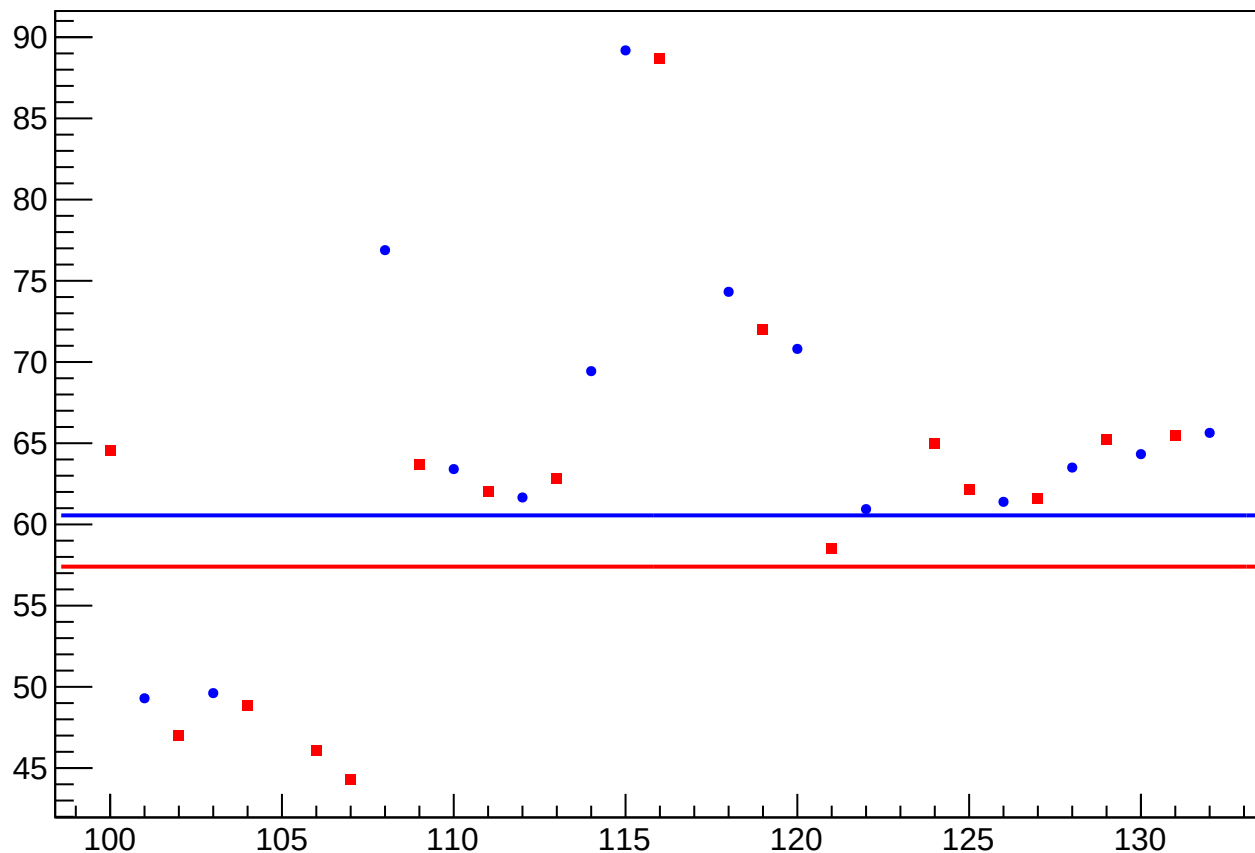
Right: 61.816+/-17.207 χ^2/NDF : 38.9/29

In: 35.619+/-25.273 χ^2/NDF : 13.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.816+/-17.207 χ^2/NDF : 38.9/29

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.557+/-0.018 χ^2/NDF : 254350.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.402+/-0.017 χ^2/NDF : 335644.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

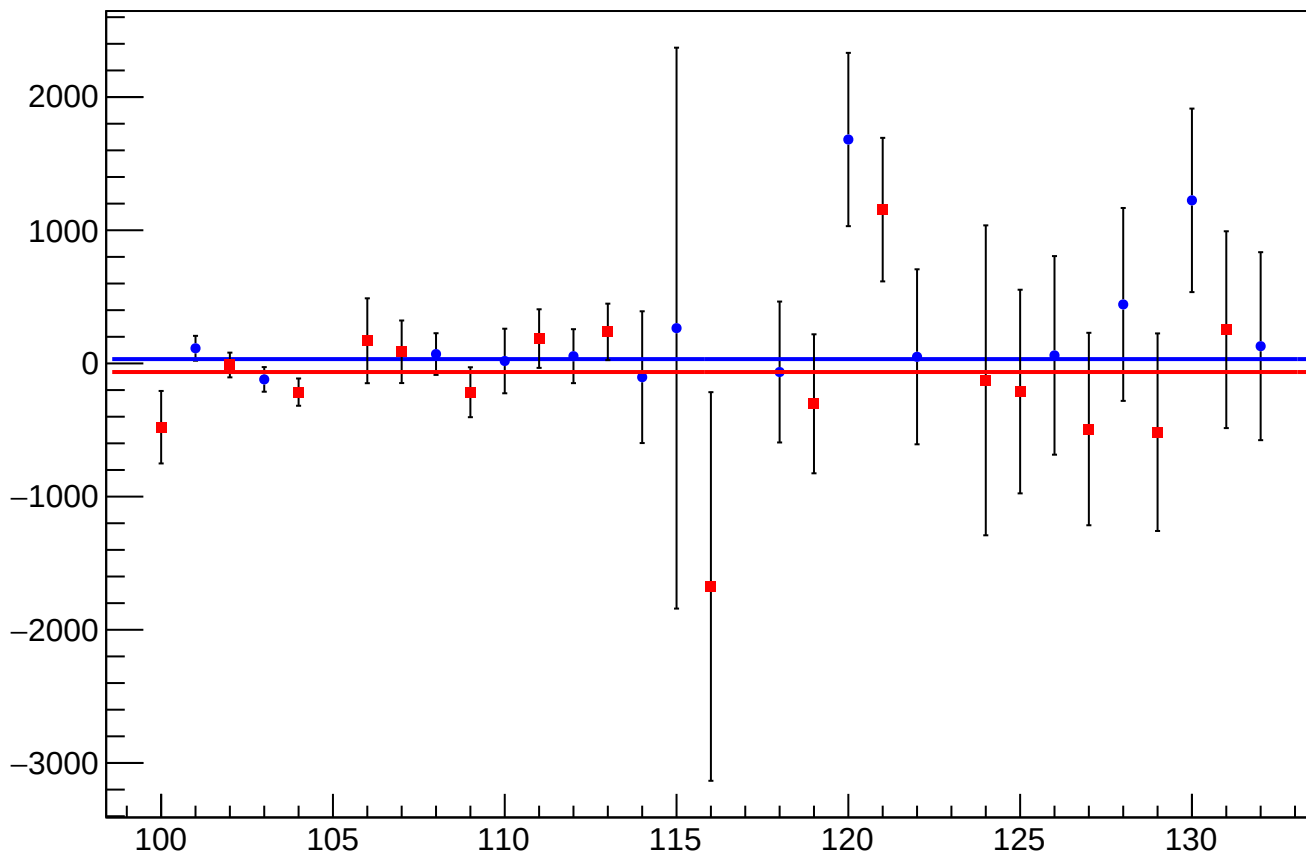
Right: 58.864+/-0.012 χ^2/NDF : 606716.0/29

In: 60.557+/-0.018 χ^2/NDF : 254350.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.864+/-0.012 χ^2/NDF : 606716.0/29

asym_sam_15_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 32.540+/-54.679 χ^2/NDF : 13.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -64.517+/-54.240 χ^2/NDF : 17.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

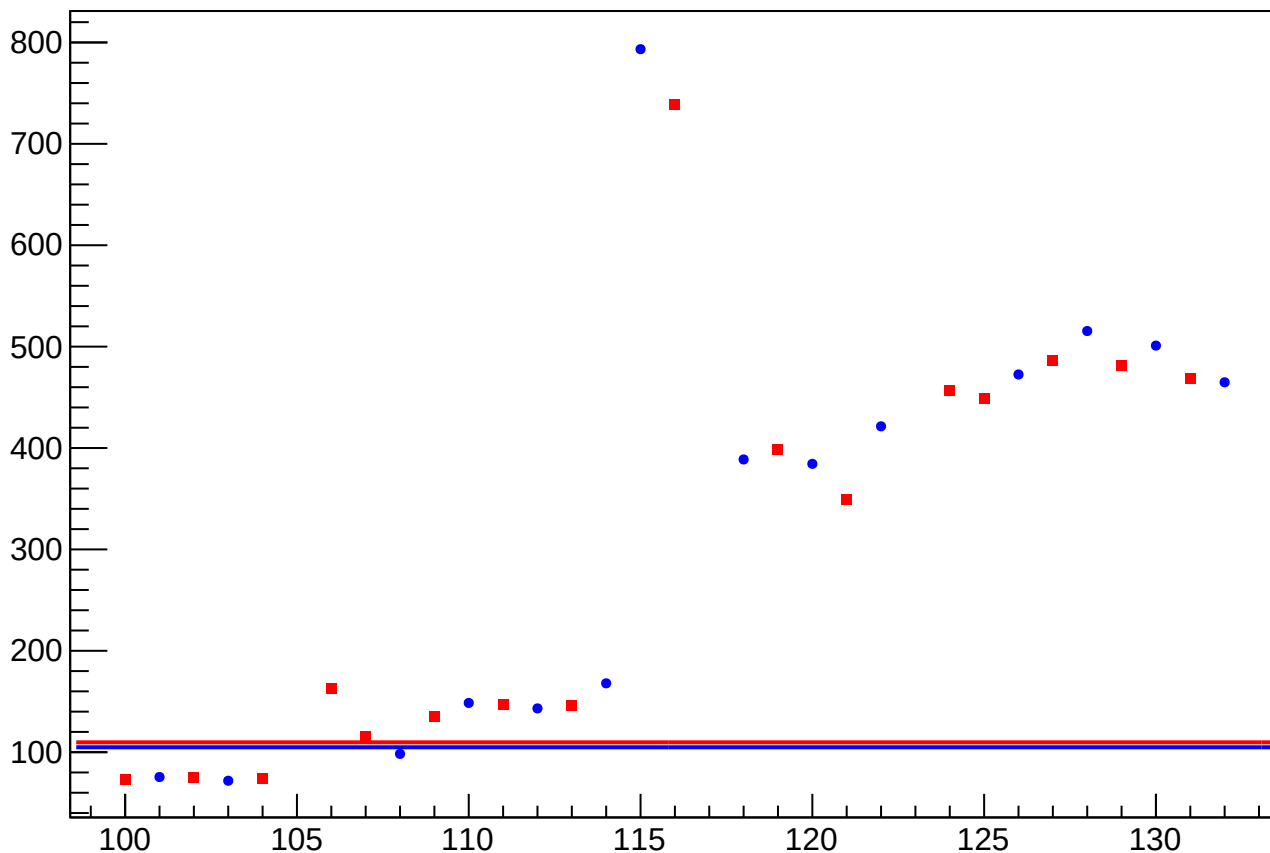
Right: -16.380+/-38.508 χ^2/NDF : 32.3/29

In: 32.540+/-54.679 χ^2/NDF : 13.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.380+/-38.508 χ^2/NDF : 32.3/29

asym_sam_15_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 104.855+/-0.039 χ^2/NDF : 4559033.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.743+/-0.038 χ^2/NDF : 4248411.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

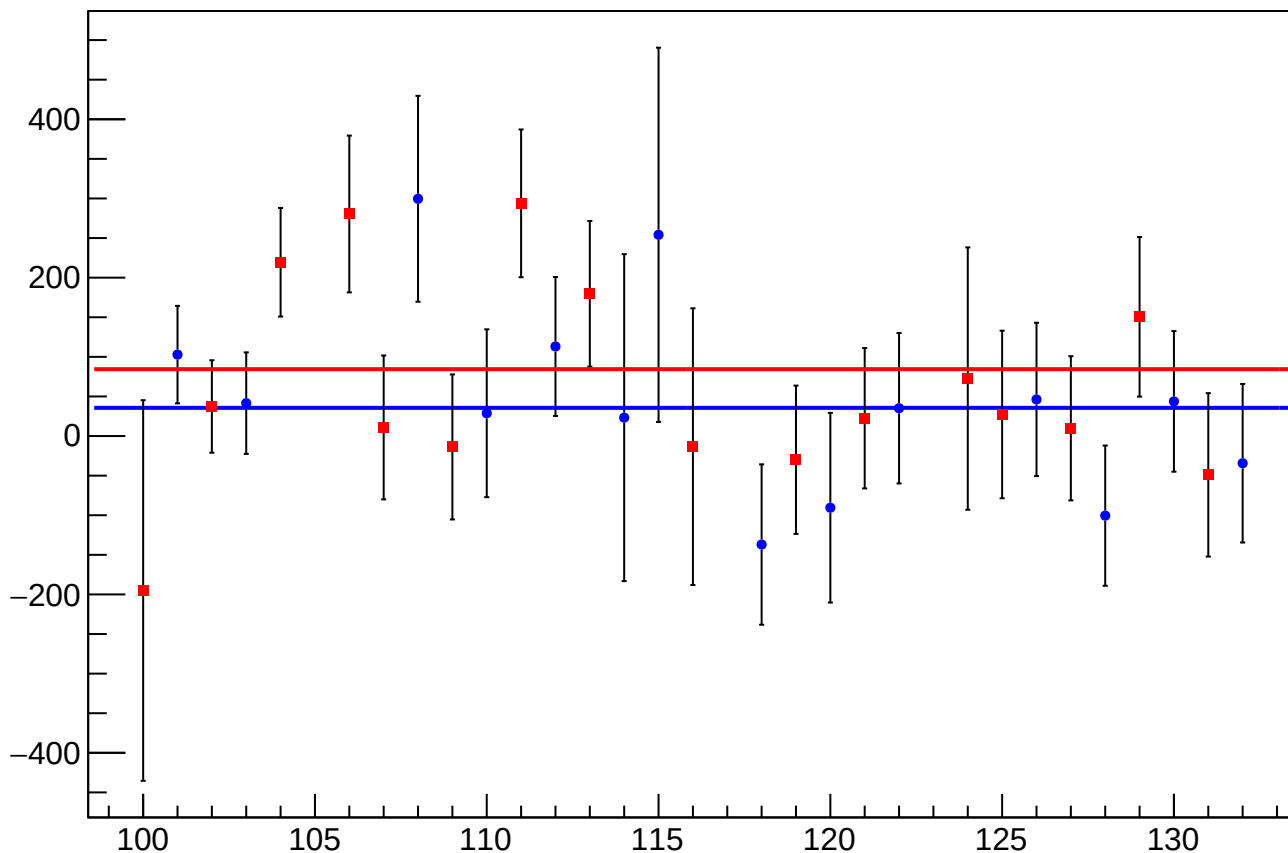
Right: 107.319+/-0.027 χ^2/NDF : 8815500.0/29

In: 104.855+/-0.039 χ^2/NDF : 4559033.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.319+/-0.027 χ^2/NDF : 8815500.0/29

eigen_dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 35.619+/-25.273 χ^2/NDF : 13.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.452+/-23.492 χ^2/NDF : 23.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

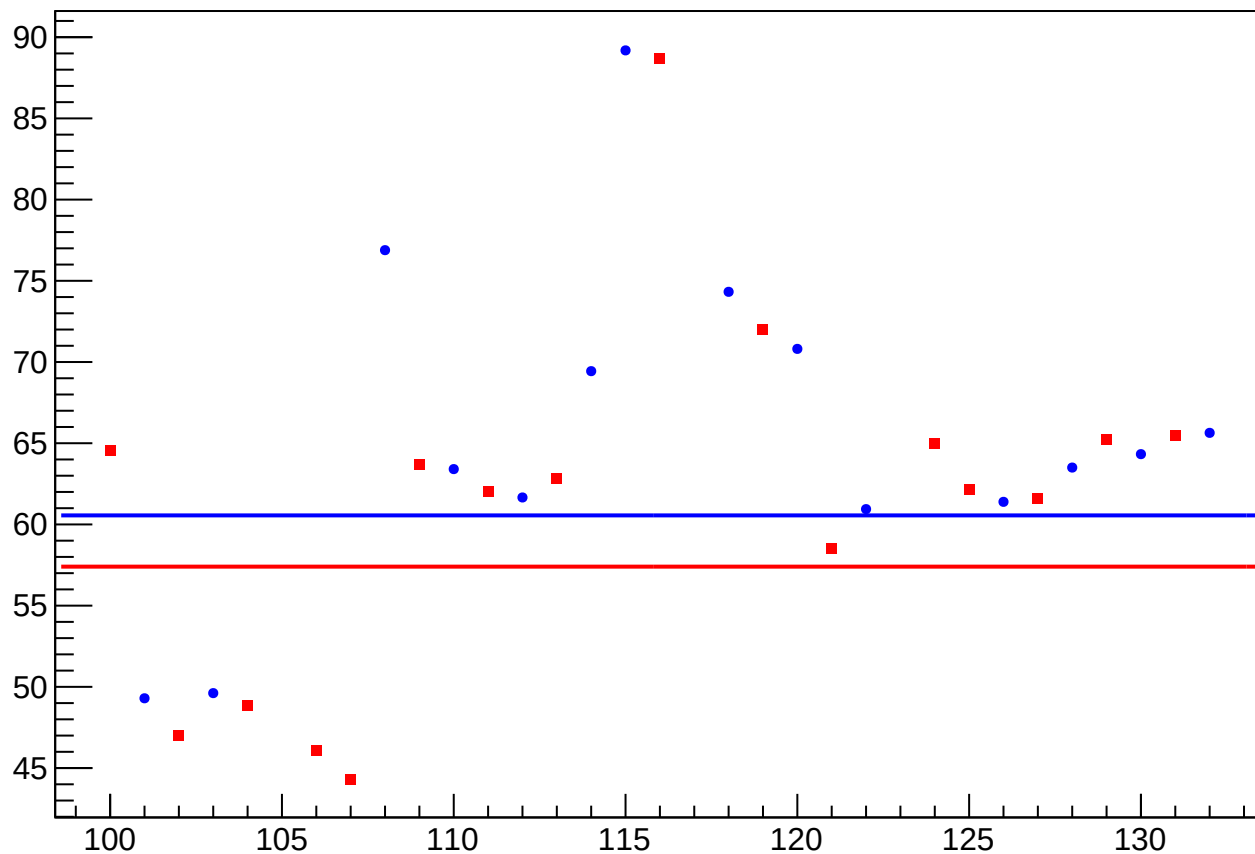
Right: 61.816+/-17.207 χ^2/NDF : 38.9/29

In: 35.619+/-25.273 χ^2/NDF : 13.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.816+/-17.207 χ^2/NDF : 38.9/29

eigen_dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.557+/-0.018 χ^2/NDF : 254348.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.402+/-0.017 χ^2/NDF : 335641.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

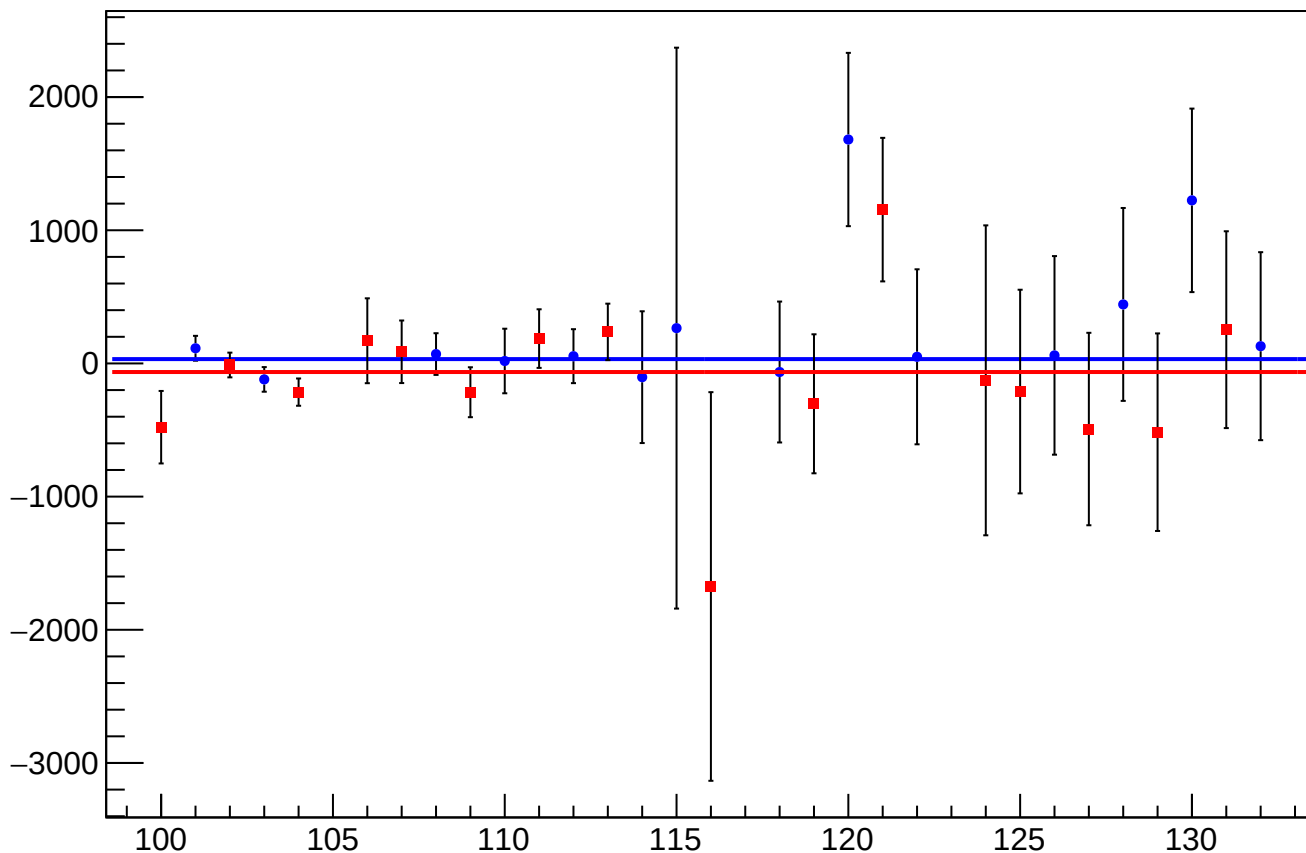
Right: 58.864+/-0.012 χ^2/NDF : 606711.3/29

In: 60.557+/-0.018 χ^2/NDF : 254348.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.864+/-0.012 χ^2/NDF : 606711.3/29

asym_sam_15_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 32.539+/-54.679 χ^2/NDF : 13.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -64.516+/-54.240 χ^2/NDF : 17.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

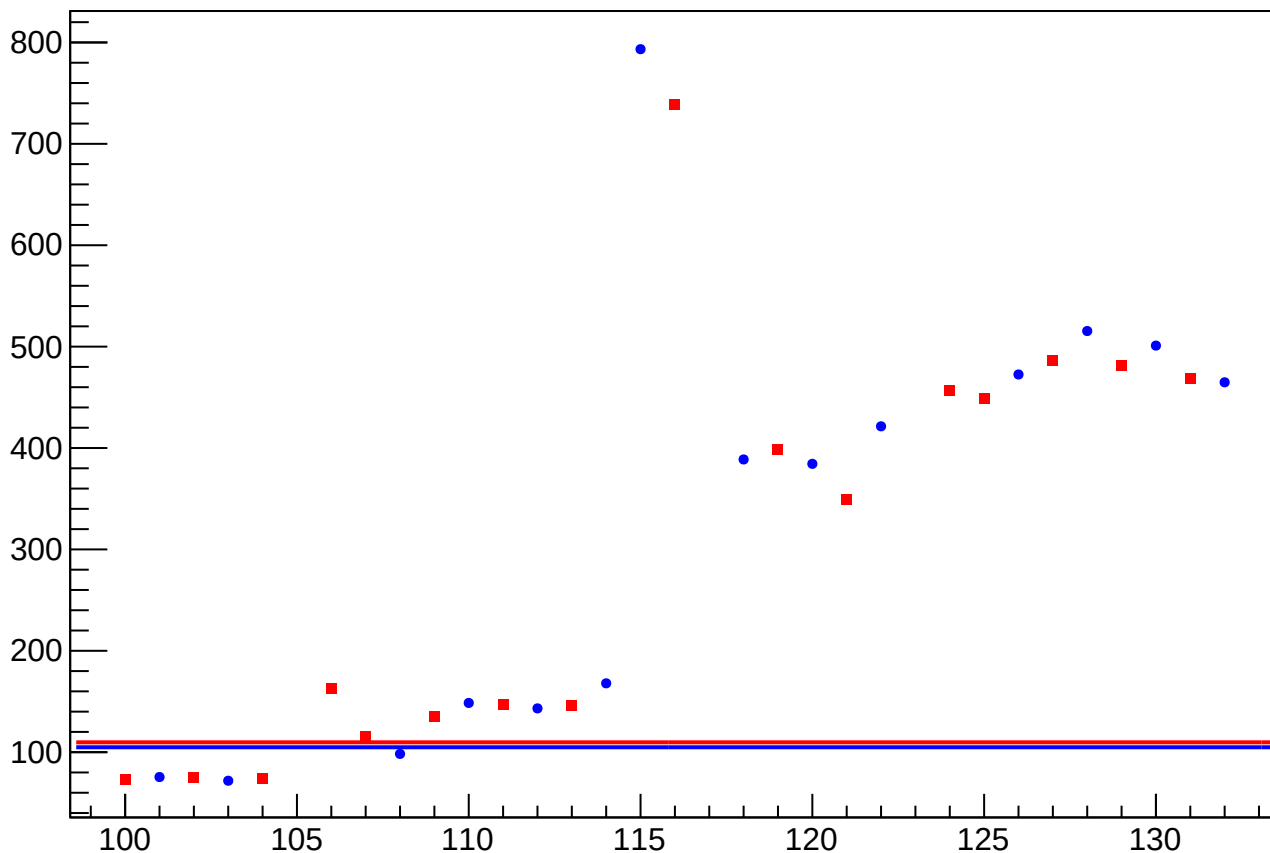
Right: -16.380+/-38.508 χ^2/NDF : 32.3/29

In: 32.539+/-54.679 χ^2/NDF : 13.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.380+/-38.508 χ^2/NDF : 32.3/29

asym_sam_15_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 104.855+/-0.039 χ^2/NDF : 4559034.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 109.743+/-0.038 χ^2/NDF : 4248415.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

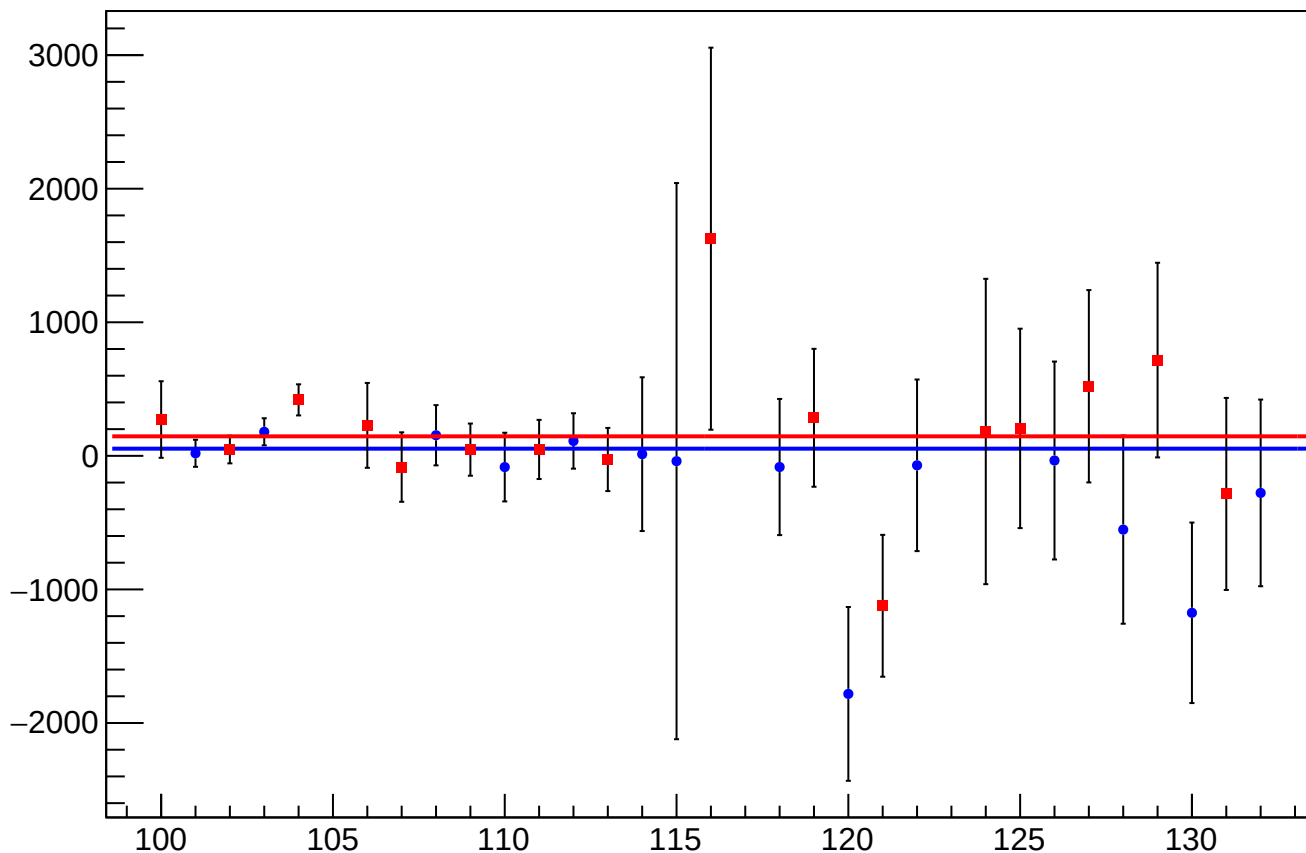
Right: 107.319+/-0.027 χ^2/NDF : 8815504.9/29

In: 104.855+/-0.039 χ^2/NDF :4559034.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 107.319+/-0.027 χ^2/NDF : 8815504.9/29

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 53.848 $\pm$ 60.605 χ^2 /NDF: 14.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 146.027 $\pm$ 59.278 χ^2 /NDF: 16.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

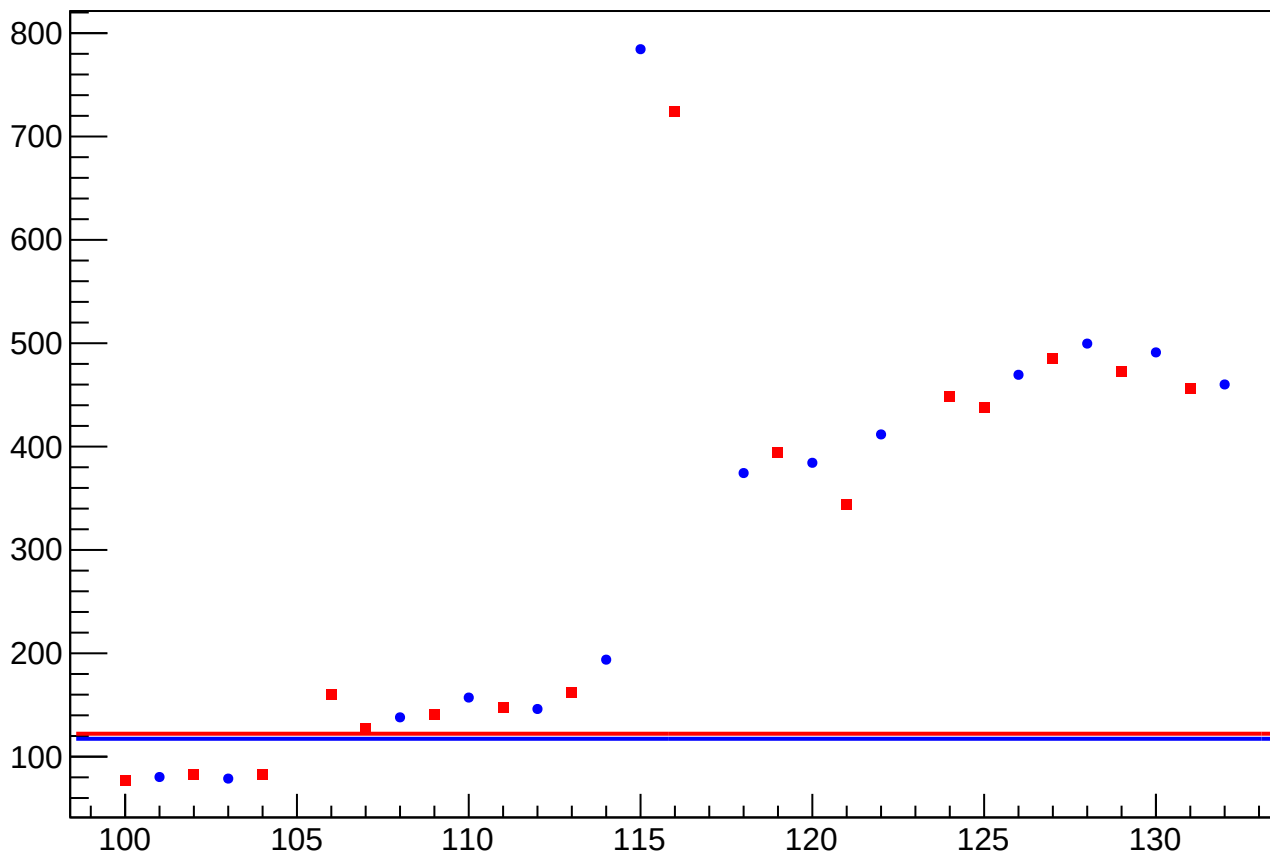
Right: 100.958 $\pm$ 42.377 χ^2 /NDF: 32.3/29

In: 53.848 $\pm$ 60.605 χ^2 /NDF:14.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 100.958 $\pm$ 42.377 χ^2 /NDF: 32.3/29

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 117.308+/-0.043 χ^2/NDF : 4299041.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.207+/-0.042 χ^2/NDF : 3878375.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

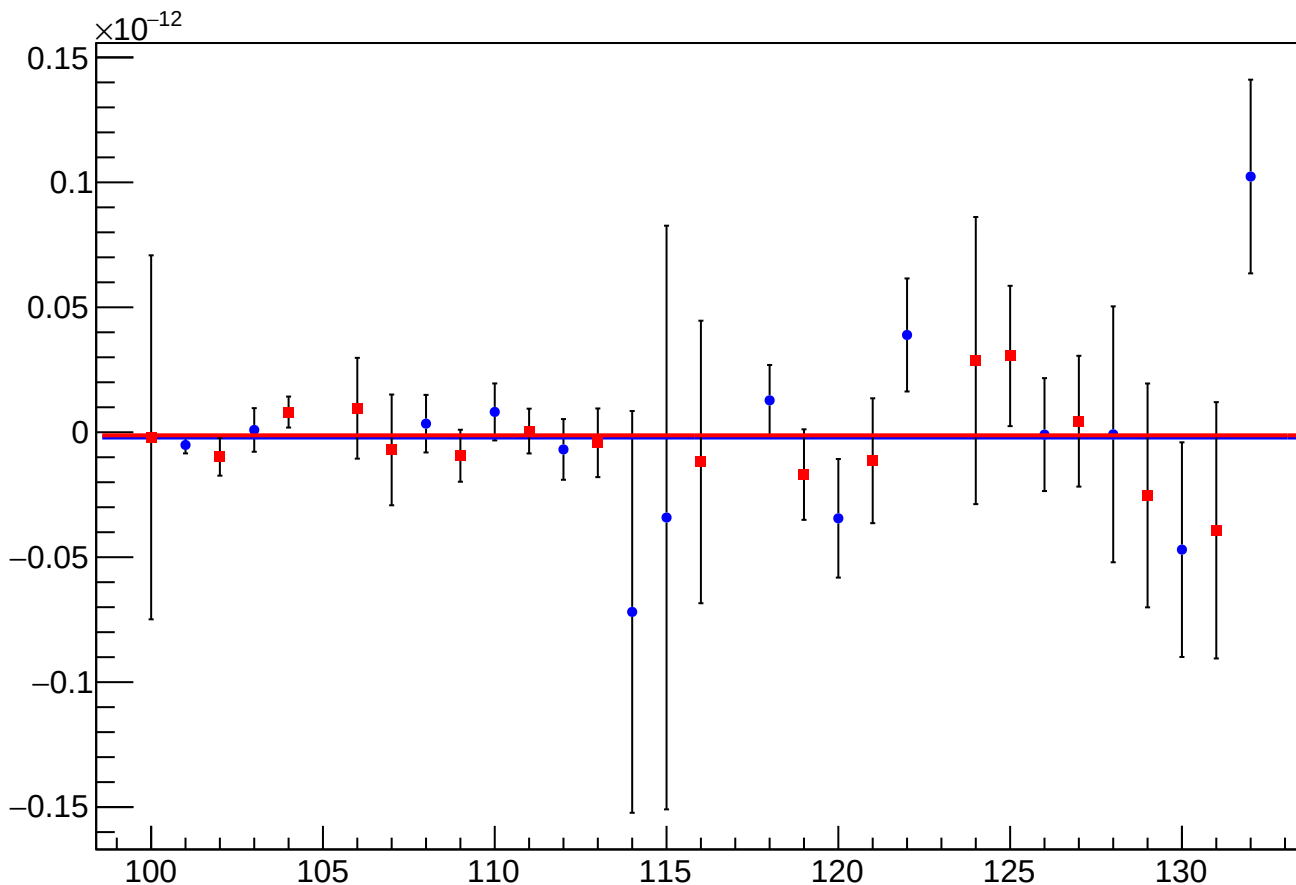
Right: 119.812+/-0.030 χ^2/NDF : 8184097.9/29

In: 117.308+/-0.043 χ^2/NDF : 4299041.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.812+/-0.030 χ^2/NDF : 8184097.9/29

asym_sam_15_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 17.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

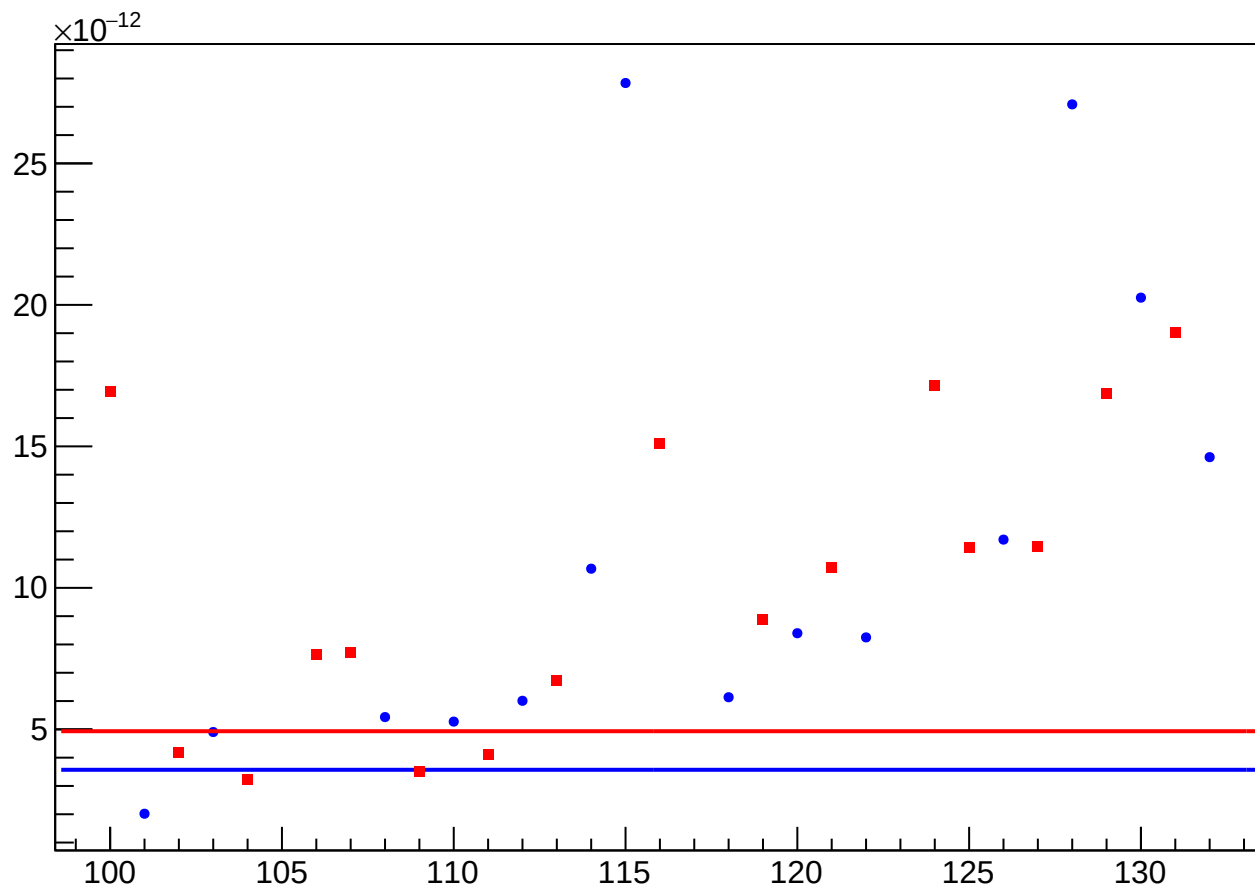
Right: -0.000+/-0.000 χ^2/NDF : 25.6/29

In: -0.000+/-0.000 χ^2/NDF : 17.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.6/29

asym_sam_15_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2127737.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1266253.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

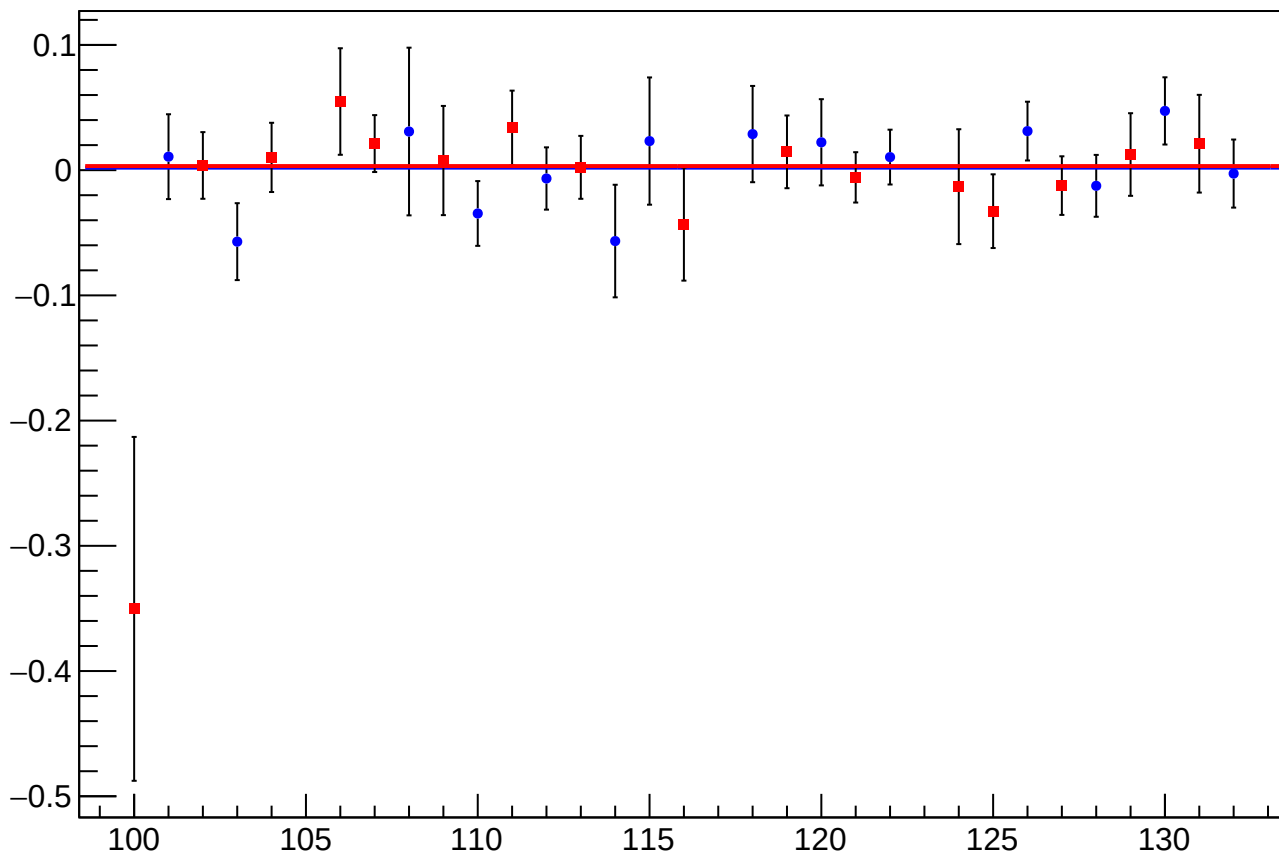
Right: 0.000+/-0.000 χ^2/NDF : 3586650.9/29

In: 0.000+/-0.000 χ^2/NDF : 2127737.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3586650.9/29

asym_sam_15_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.008 χ^2 /NDF: 13.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.008 χ^2 /NDF: 13.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

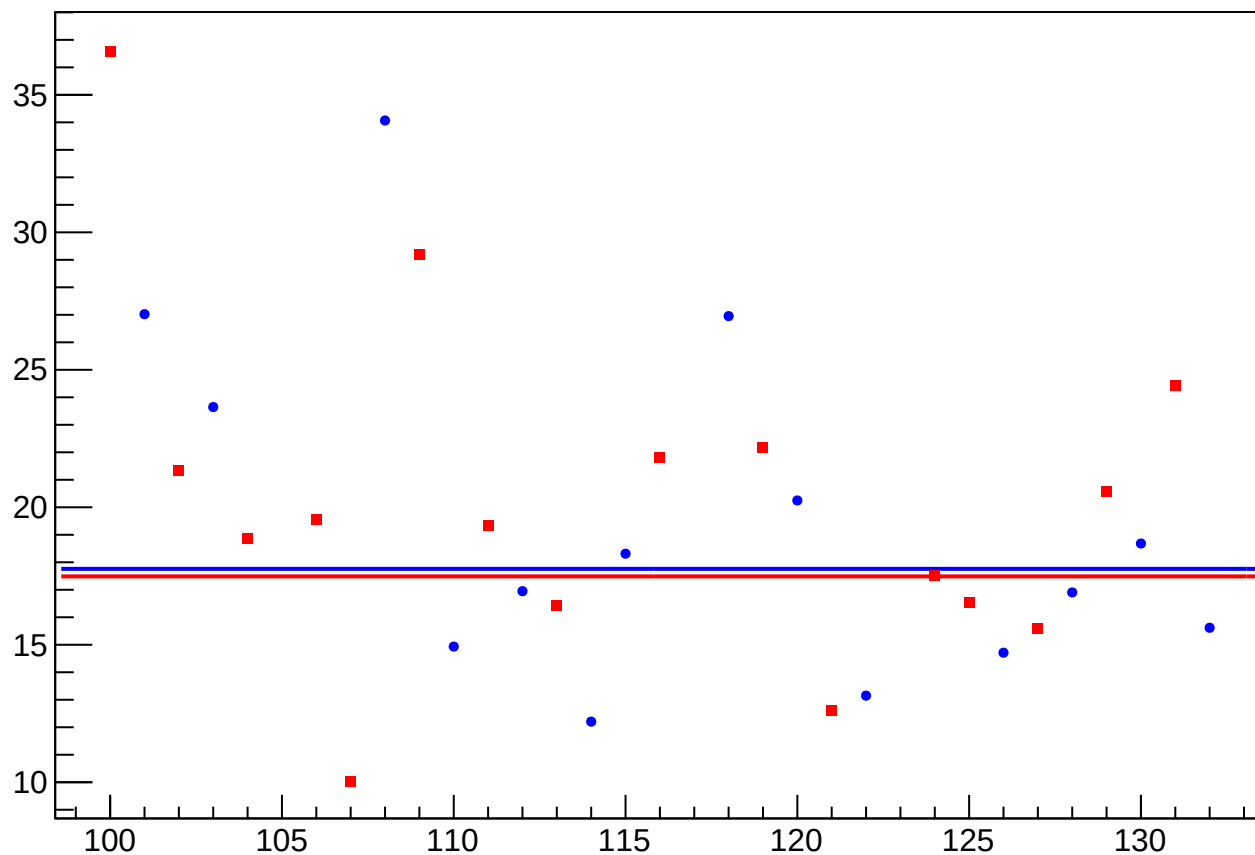
Right: 0.003 $\pm$ 0.005 χ^2 /NDF: 27.3/29

In: 0.002 $\pm$ 0.008 χ^2 /NDF:13.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.005 χ^2 /NDF: 27.3/29

asym_sam_15_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.761+/-0.006 χ^2/NDF : 662840.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.486+/-0.005 χ^2/NDF : 744987.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

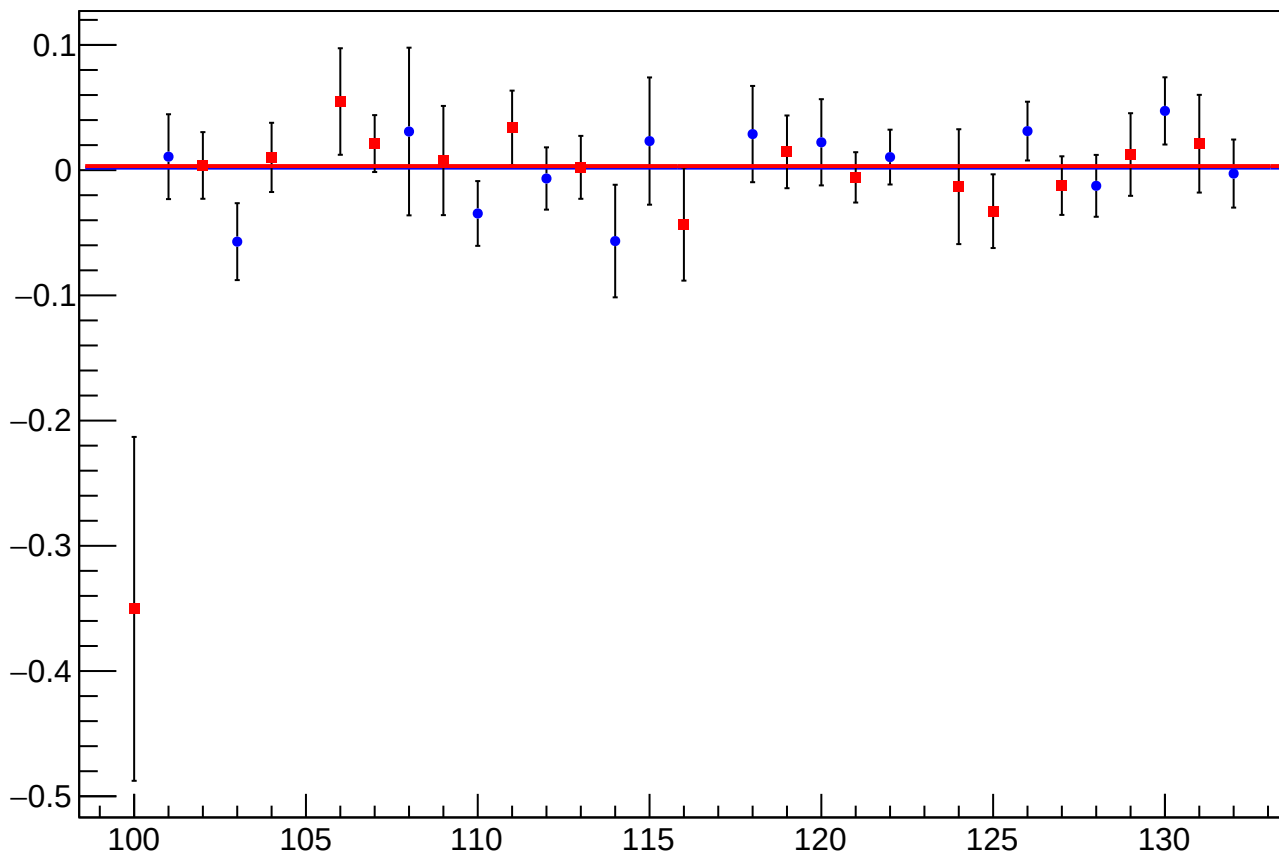
Right: 17.617+/-0.004 χ^2/NDF : 1409097.8/29

In: 17.761+/-0.006 χ^2/NDF : 662840.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.617+/-0.004 χ^2/NDF : 1409097.8/29

asym_sam_15_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002+/-0.008 χ^2/NDF : 13.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.008 χ^2/NDF : 13.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

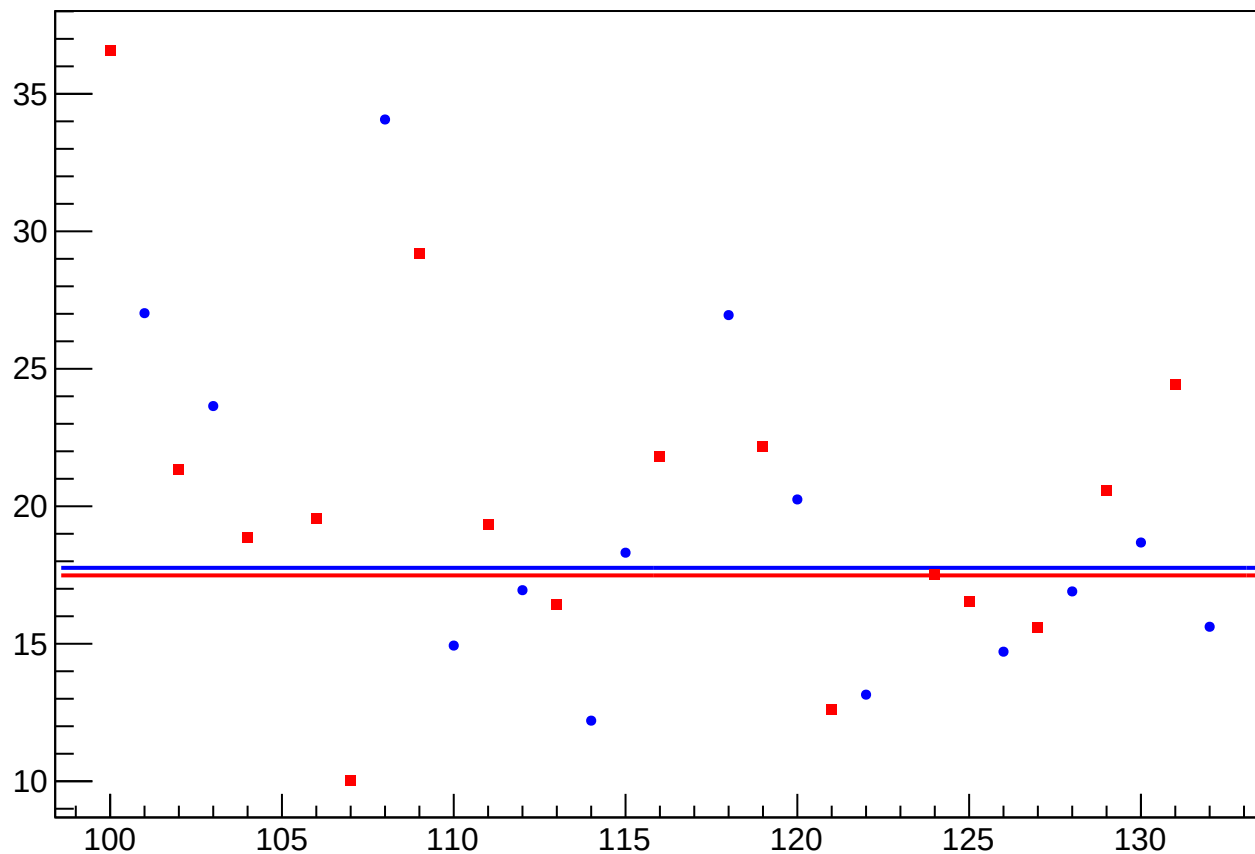
Right: 0.003+/-0.005 χ^2/NDF : 27.3/29

In: 0.002+/-0.008 χ^2/NDF :13.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.005 χ^2/NDF : 27.3/29

asym_sam_15_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.761+/-0.006 χ^2/NDF : 662840.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.486+/-0.005 χ^2/NDF : 744987.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

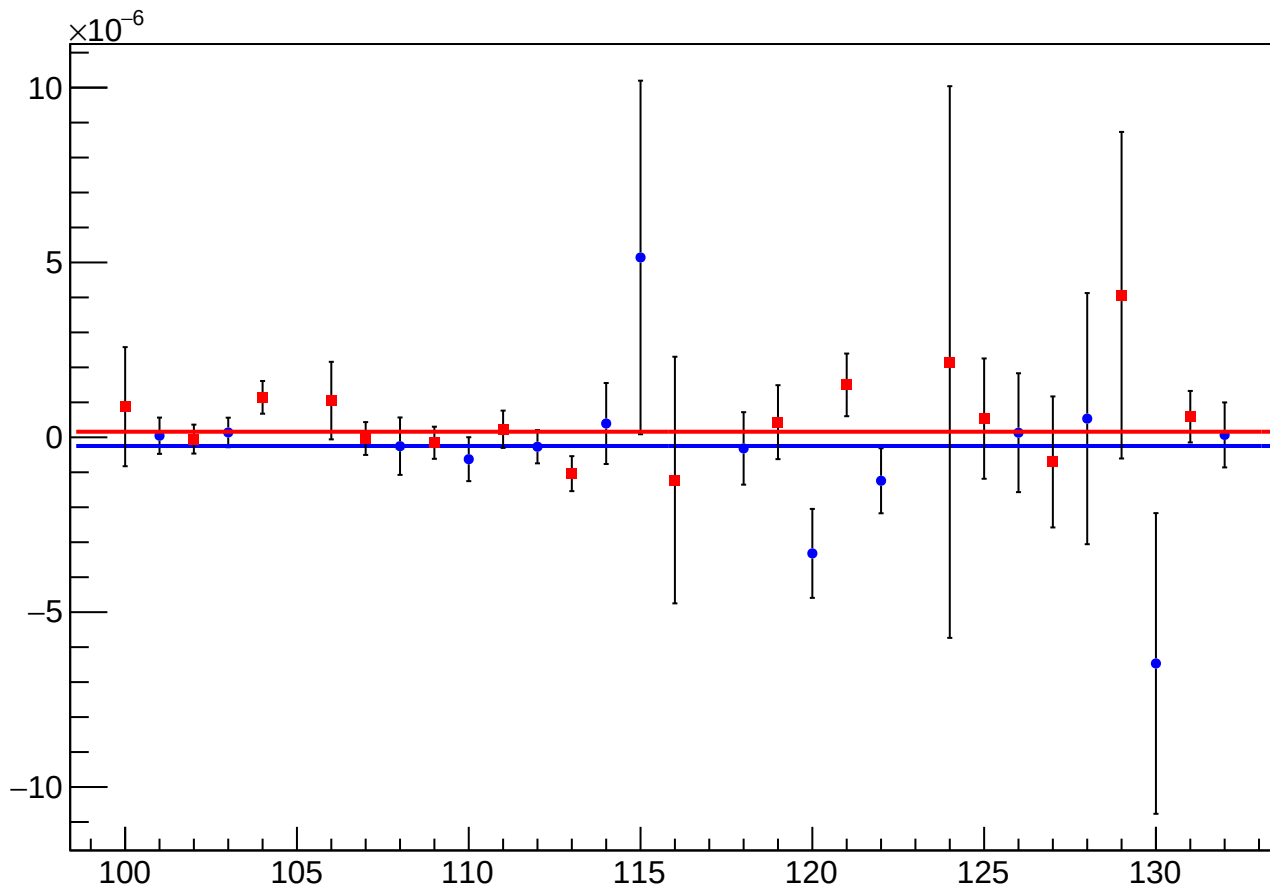
Right: 17.617+/-0.004 χ^2/NDF : 1409097.8/29

In: 17.761+/-0.006 χ^2/NDF : 662840.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.617+/-0.004 χ^2/NDF : 1409097.8/29

asym_sam_15_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

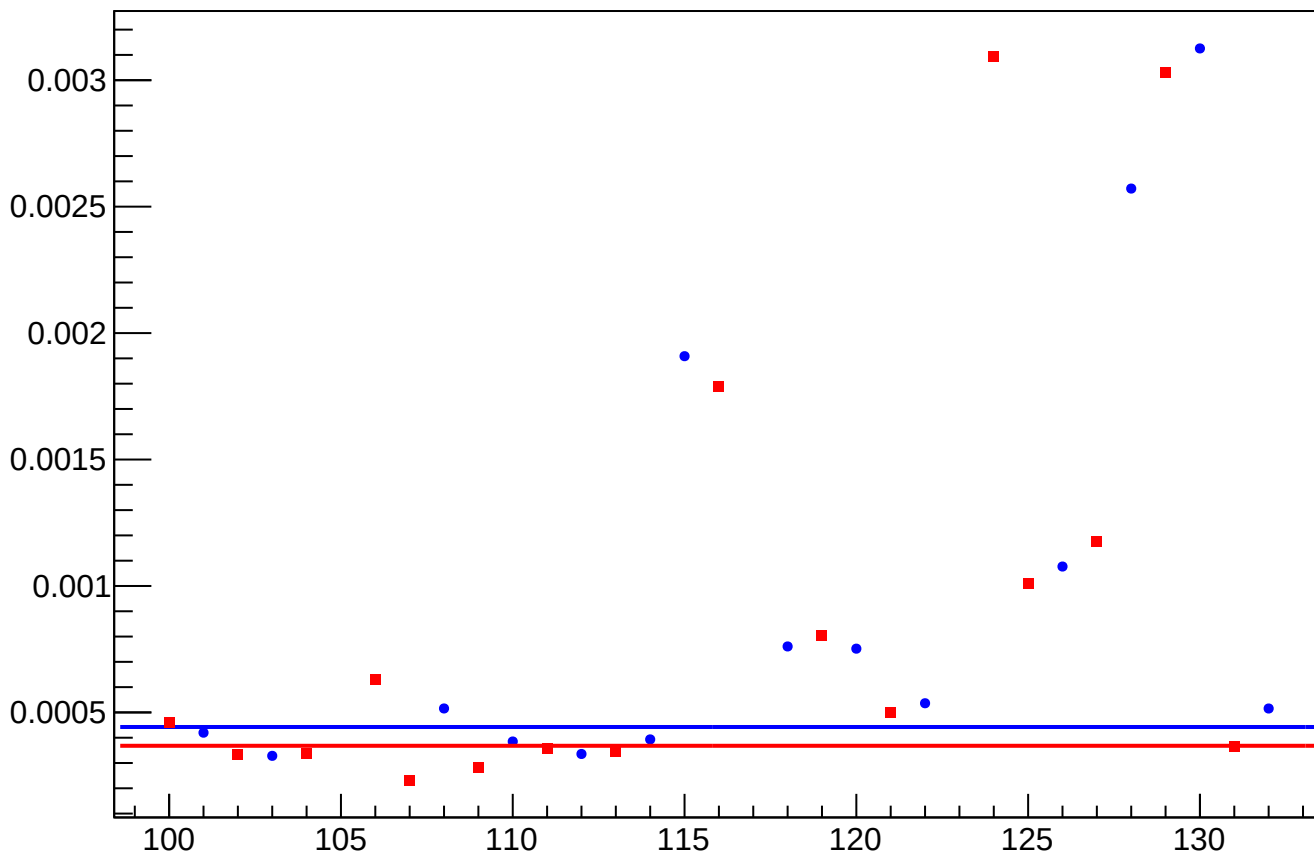
Right: -0.000+/-0.000 χ^2/NDF : 30.2/29

In: -0.000+/-0.000 χ^2/NDF : 12.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.2/29

asym_sam_15_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2556180.6/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2638667.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

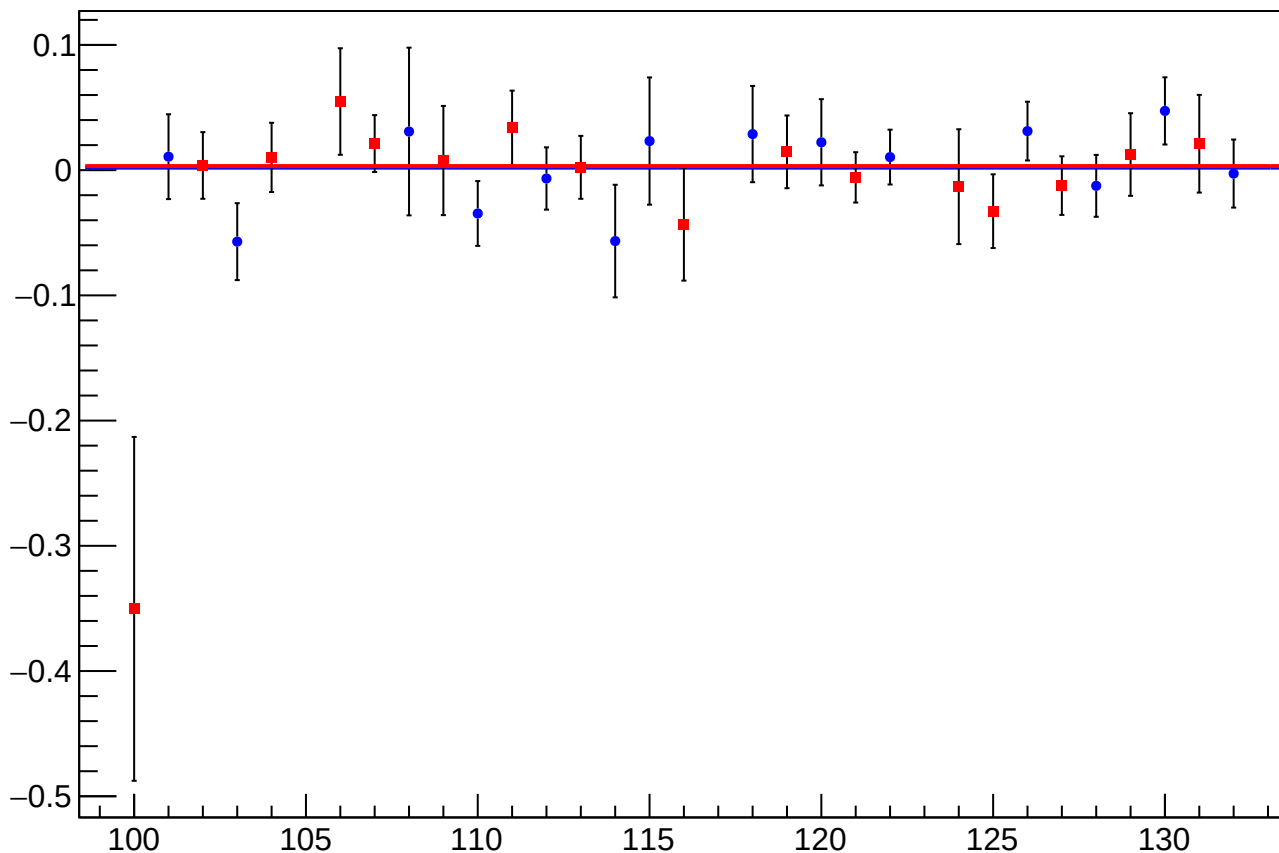
Right: 0.000+/-0.000 χ^2/NDF : 5344334.6/29

In: 0.000+/-0.000 χ^2/NDF :2556180.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5344334.6/29

asym_sam_15_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002+/-0.008 χ^2/NDF : 13.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.008 χ^2/NDF : 13.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

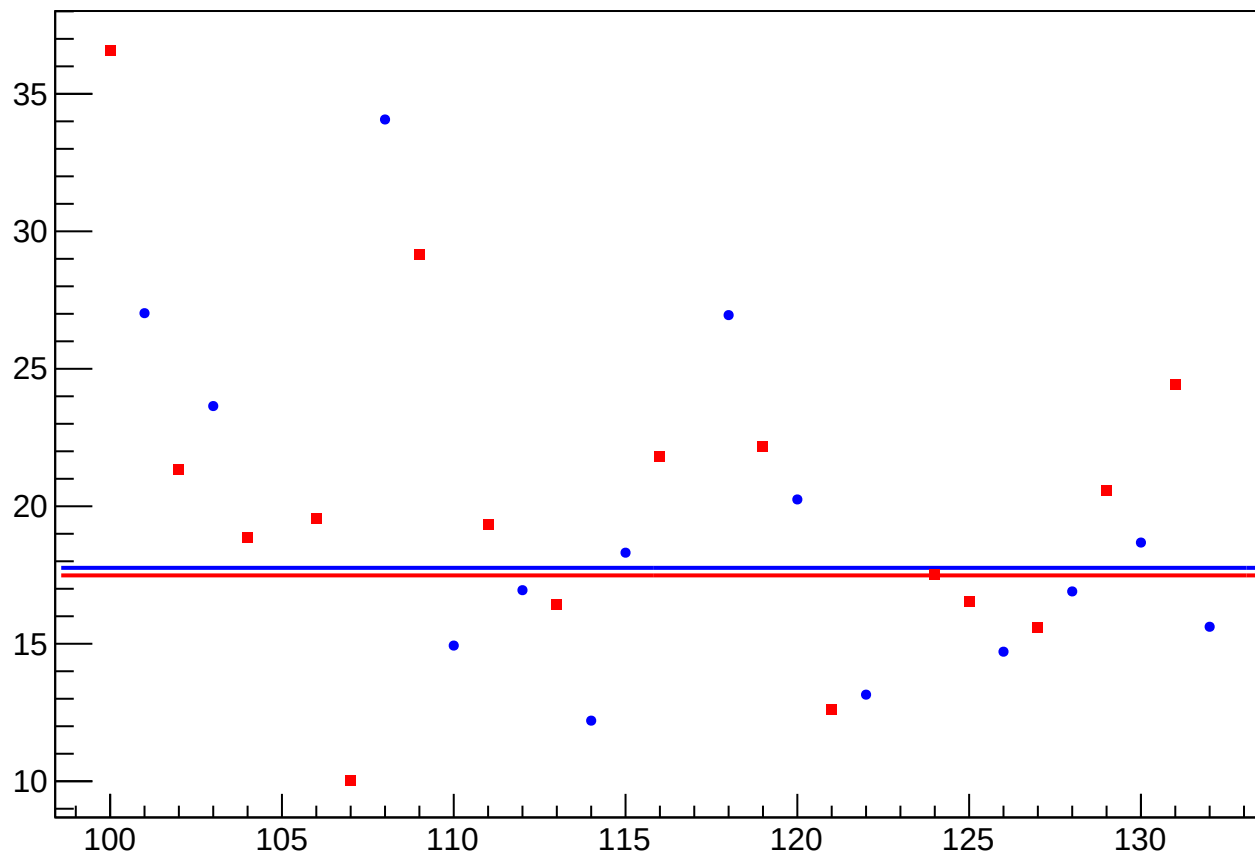
Right: 0.003+/-0.005 χ^2/NDF : 27.3/29

In: 0.002+/-0.008 χ^2/NDF : 13.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.005 χ^2/NDF : 27.3/29

asym_sam_15_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.761+/-0.006 χ^2/NDF : 662836.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.486+/-0.005 χ^2/NDF : 744985.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

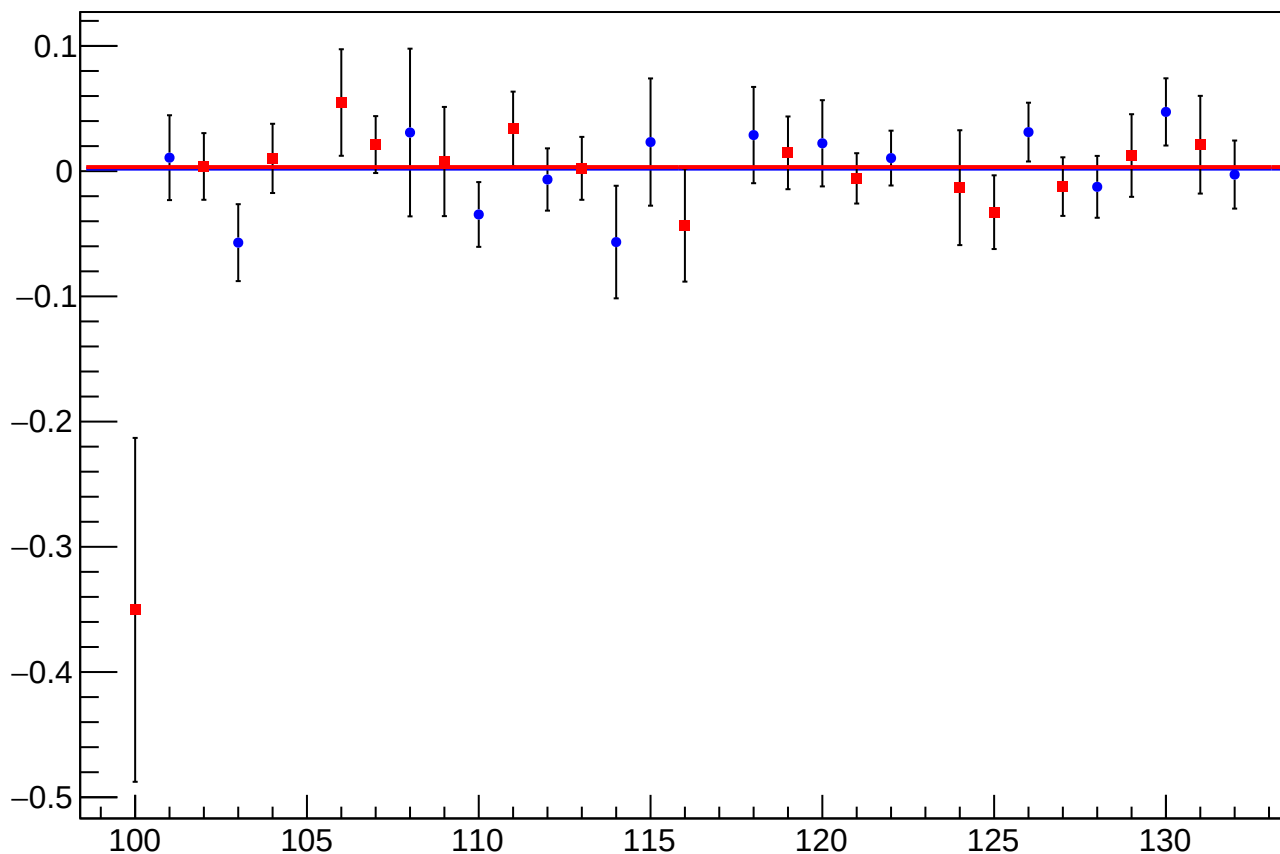
Right: 17.616+/-0.004 χ^2/NDF : 1409091.8/29

In: 17.761+/-0.006 χ^2/NDF : 662836.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.616+/-0.004 χ^2/NDF : 1409091.8/29

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002+/-0.008 χ^2/NDF : 13.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.008 χ^2/NDF : 13.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

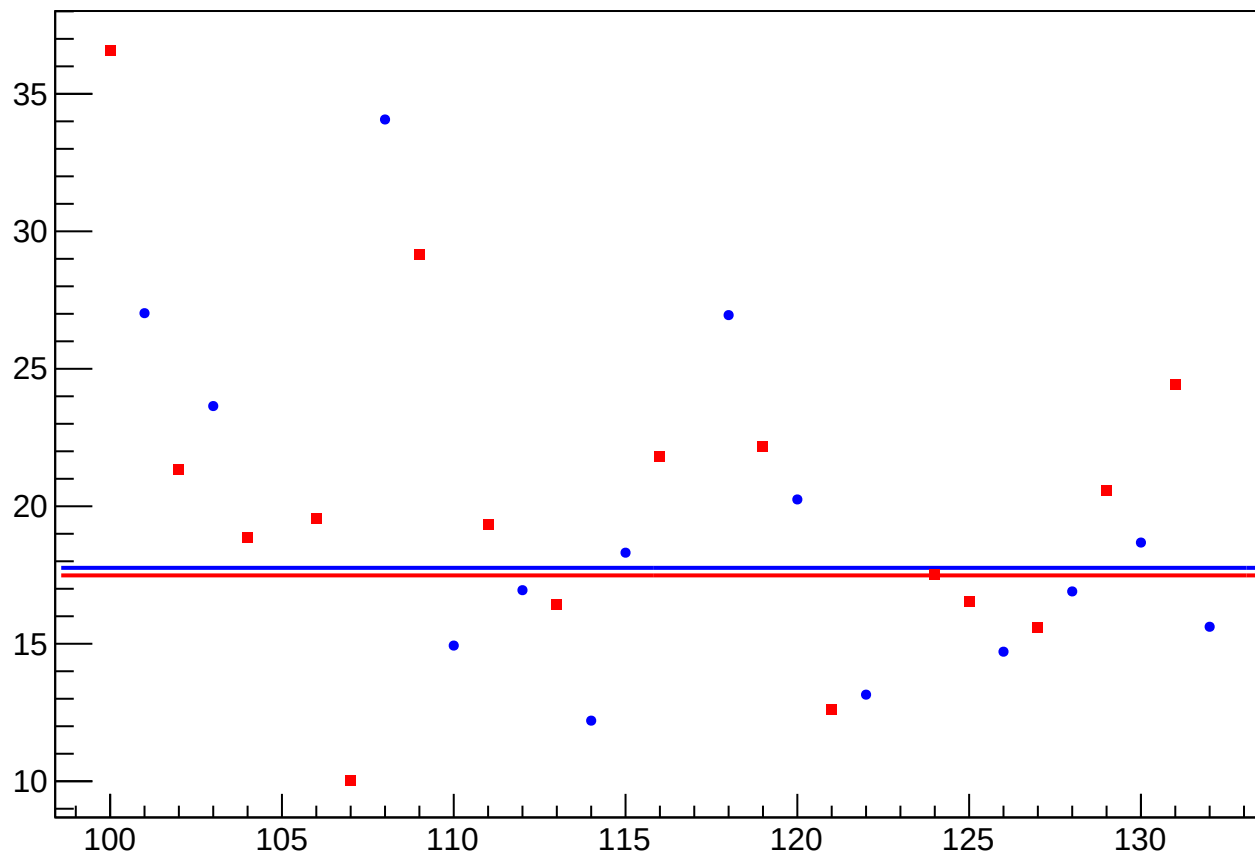
Right: 0.003+/-0.005 χ^2/NDF : 27.3/29

In: 0.002+/-0.008 χ^2/NDF :13.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.005 χ^2/NDF : 27.3/29

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.761 $\pm$ 0.006 χ^2 /NDF: 662836.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.486 $\pm$ 0.005 χ^2 /NDF: 744985.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

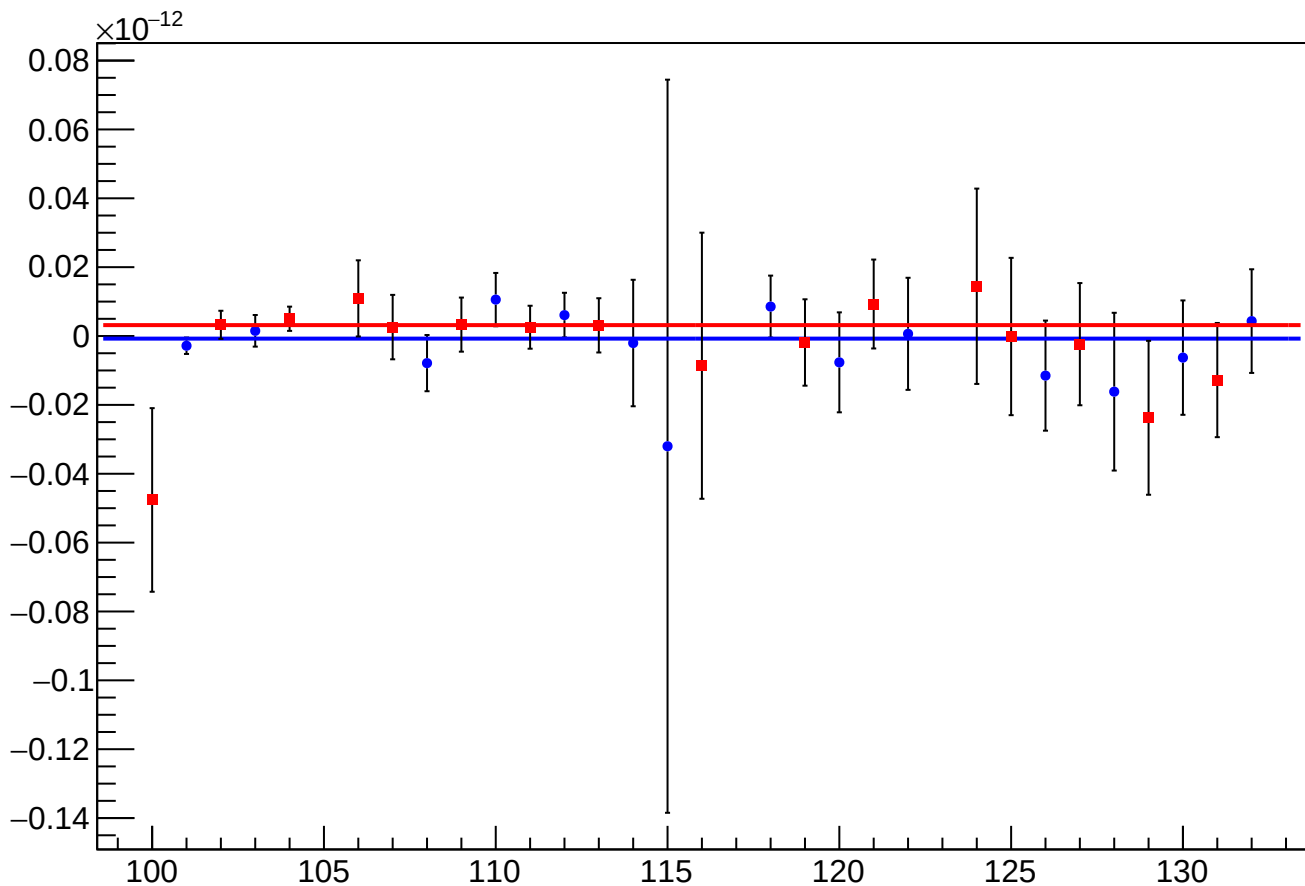
Right: 17.616 $\pm$ 0.004 χ^2 /NDF: 1409091.8/29

In: 17.761 $\pm$ 0.006 χ^2 /NDF: 662836.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.616 $\pm$ 0.004 χ^2 /NDF: 1409091.8/29

asym_sam_15_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

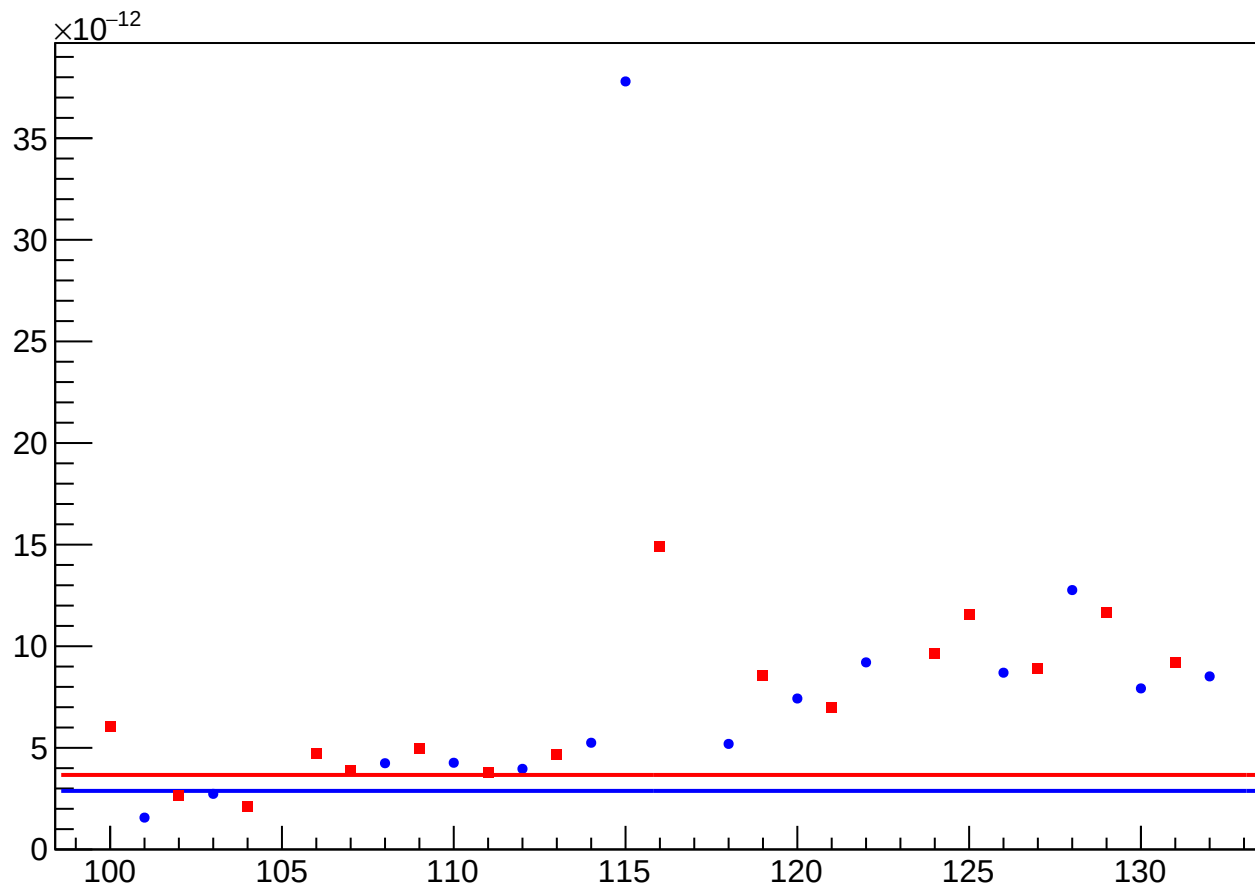
Right: 0.000+/-0.000 χ^2/NDF : 17.2/29

In: -0.000+/-0.000 χ^2/NDF : 7.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.2/29

asym_sam_15_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2765873.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2227855.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

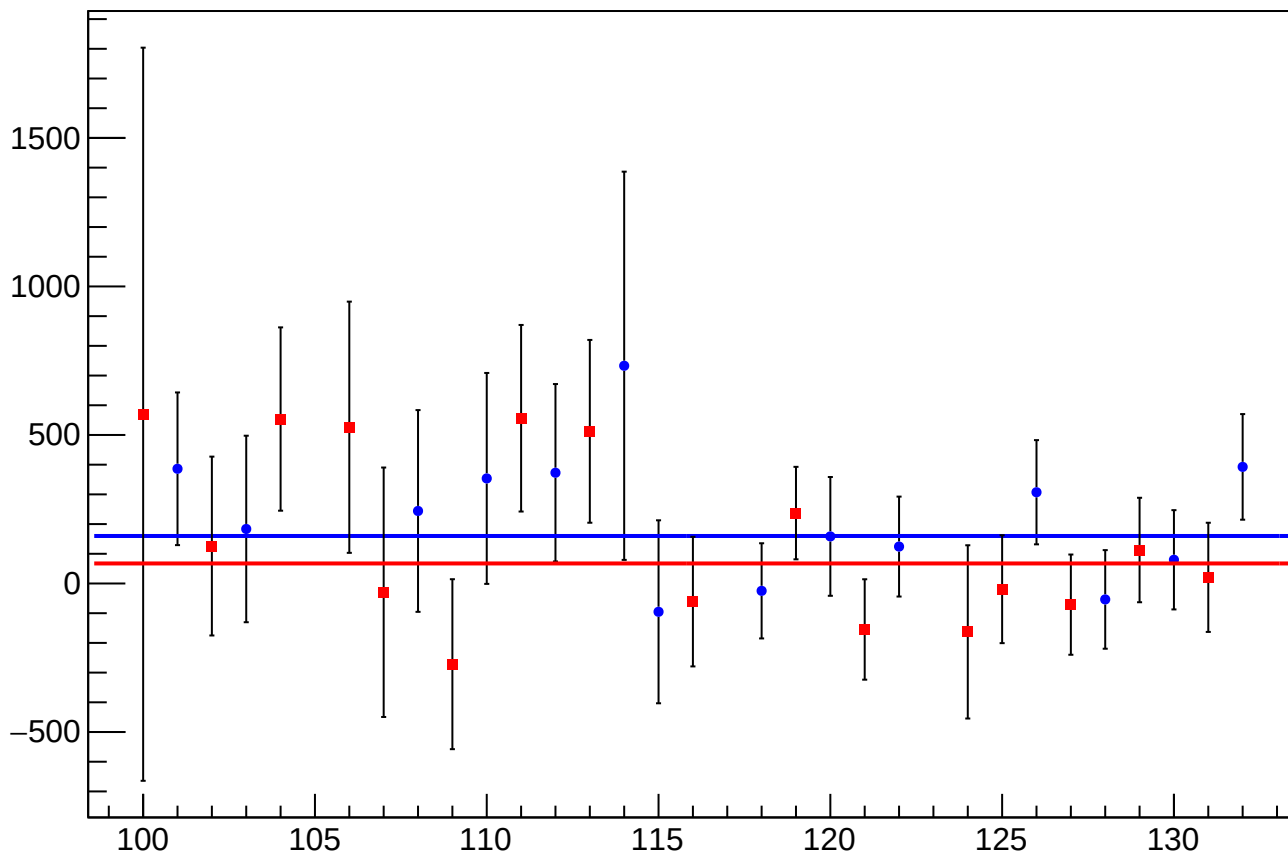
Right: 0.000+/-0.000 χ^2/NDF : 5163838.9/29

In: 0.000+/-0.000 χ^2/NDF : 2765873.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5163838.9/29

reg_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 159.944+/-57.586 χ^2/NDF : 8.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 67.455+/-57.465 χ^2/NDF : 14.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

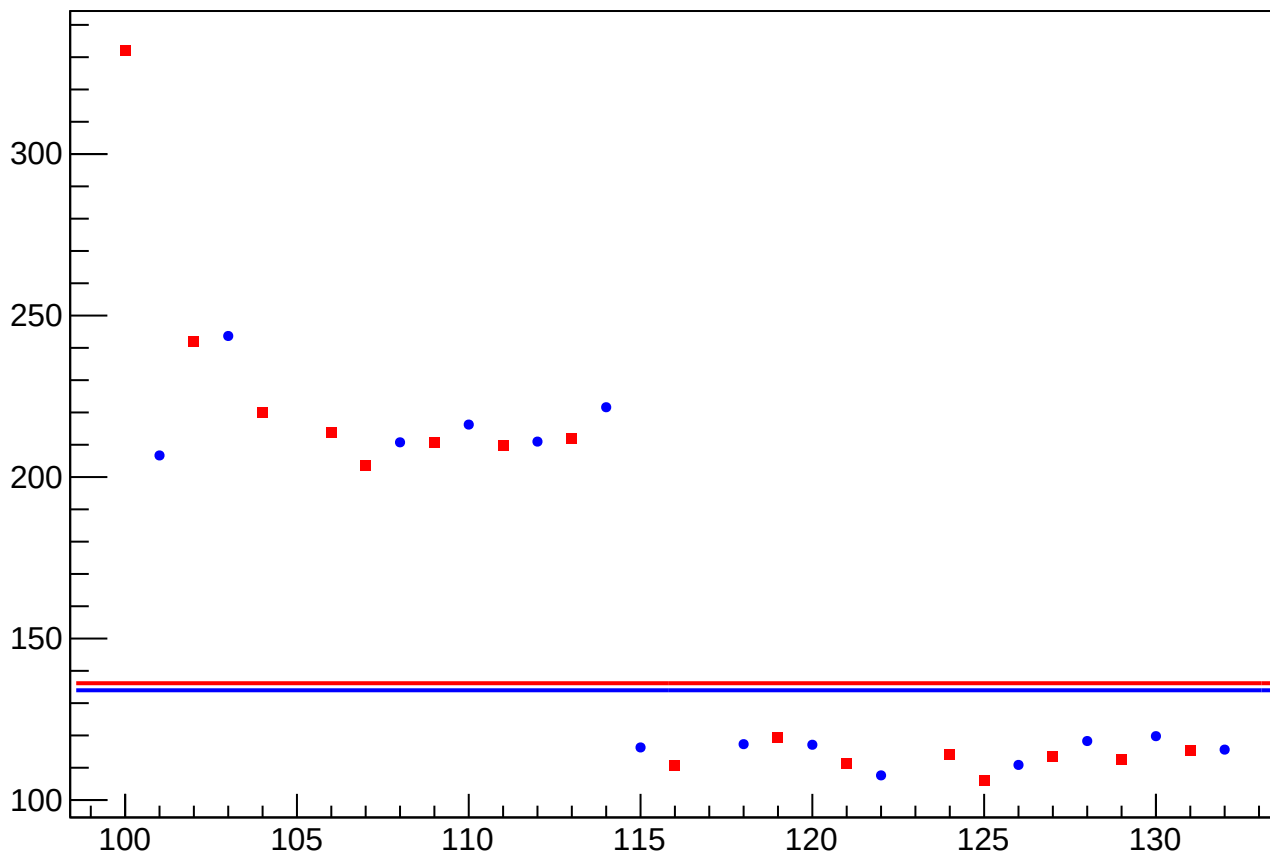
Right: 113.602+/-40.677 χ^2/NDF : 24.8/29

In: 159.944+/-57.586 χ^2/NDF :8.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 113.602+/-40.677 χ^2/NDF : 24.8/29

reg_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 133.983+/-0.041 χ^2/NDF : 962805.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.166+/-0.041 χ^2/NDF : 1187462.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

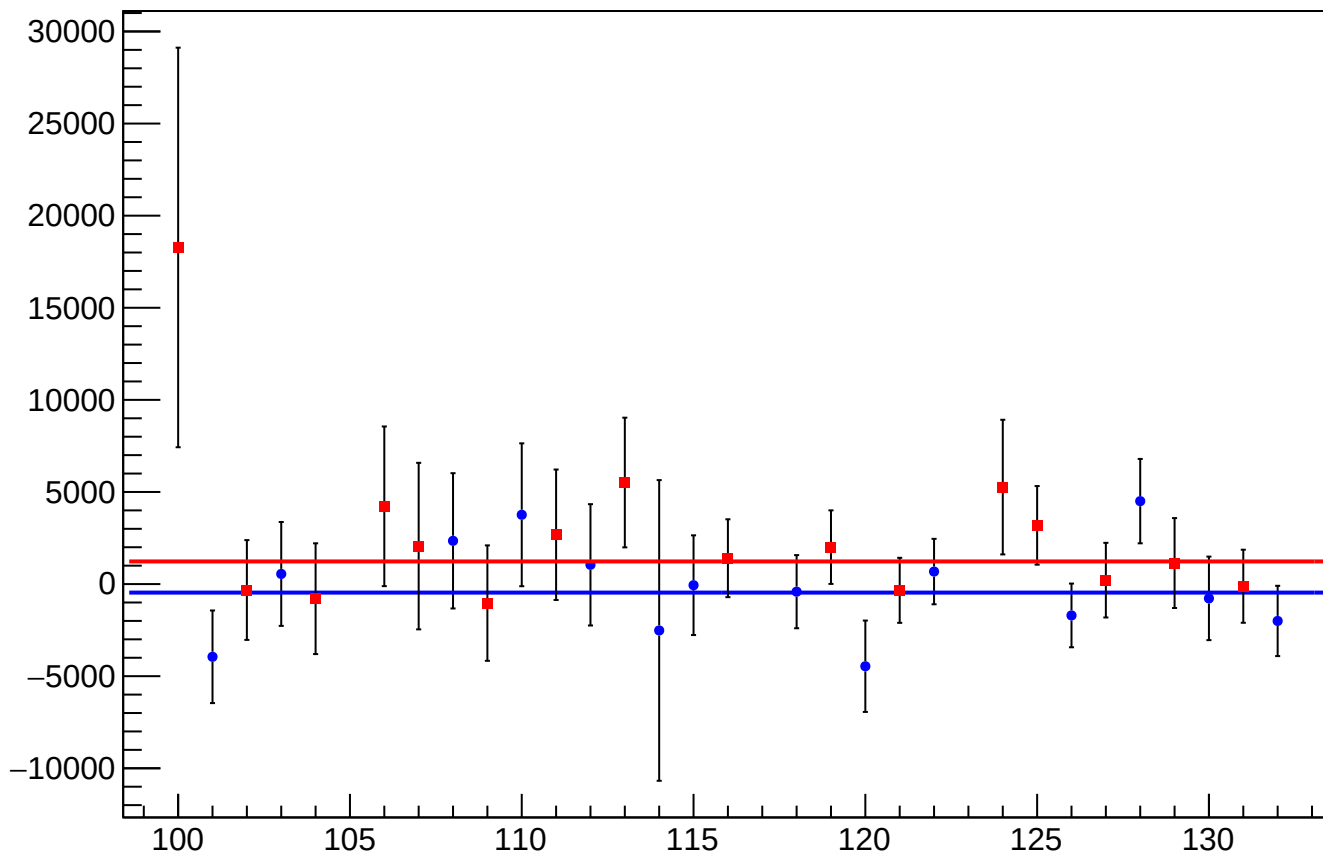
Right: 135.077+/-0.029 χ^2/NDF : 2151707.8/29

In: 133.983+/-0.041 χ^2/NDF : 962805.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.077+/-0.029 χ^2/NDF : 2151707.8/29

asym_sam_26_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -462.165+/-646.067 χ^2/NDF : 13.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1228.812+/-648.759 χ^2/NDF : 9.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

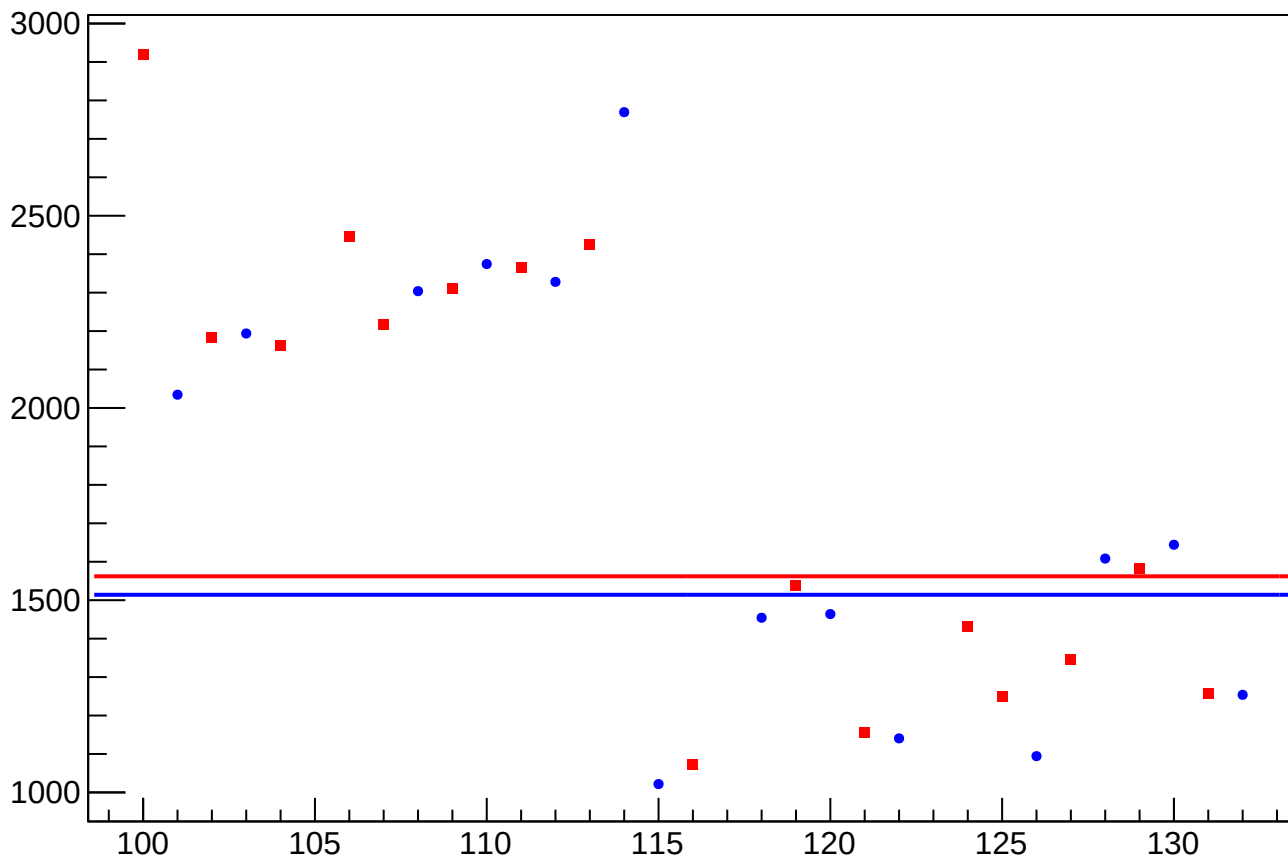
Right: 379.808+/-457.787 χ^2/NDF : 26.1/29

In: -462.165+/-646.067 χ^2/NDF : 13.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 379.808+/-457.787 χ^2/NDF : 26.1/29

asym_sam_26_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1514.081+/-0.457 χ^2/NDF : 884520.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1562.169+/-0.459 χ^2/NDF : 1008668.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

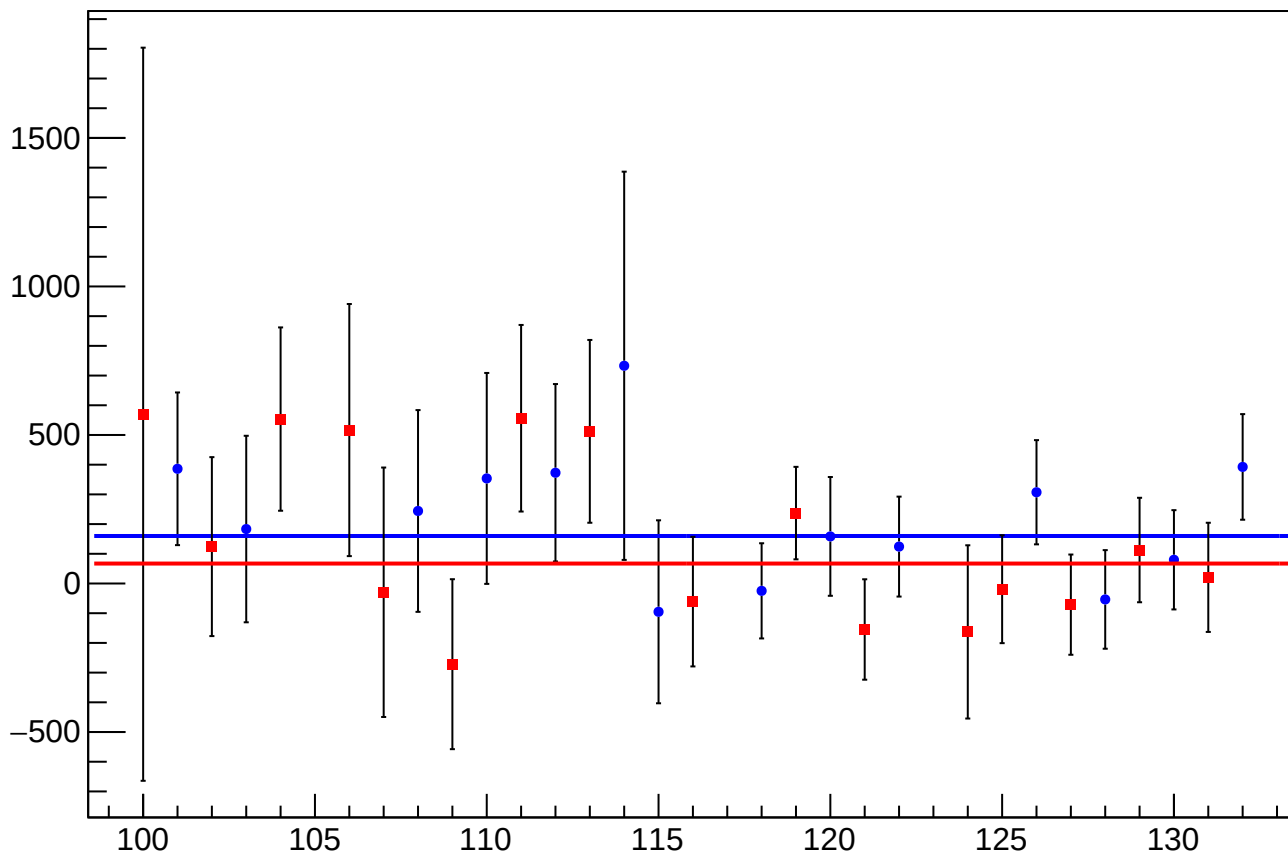
Right: 1538.025+/-0.324 χ^2/NDF : 1898706.2/29

In: 1514.081+/-0.457 χ^2/NDF : 884520.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1538.025+/-0.324 χ^2/NDF : 1898706.2/29

cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 159.927 $\pm$ 57.586 χ^2 /NDF: 8.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 67.143 $\pm$ 57.470 χ^2 /NDF: 14.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

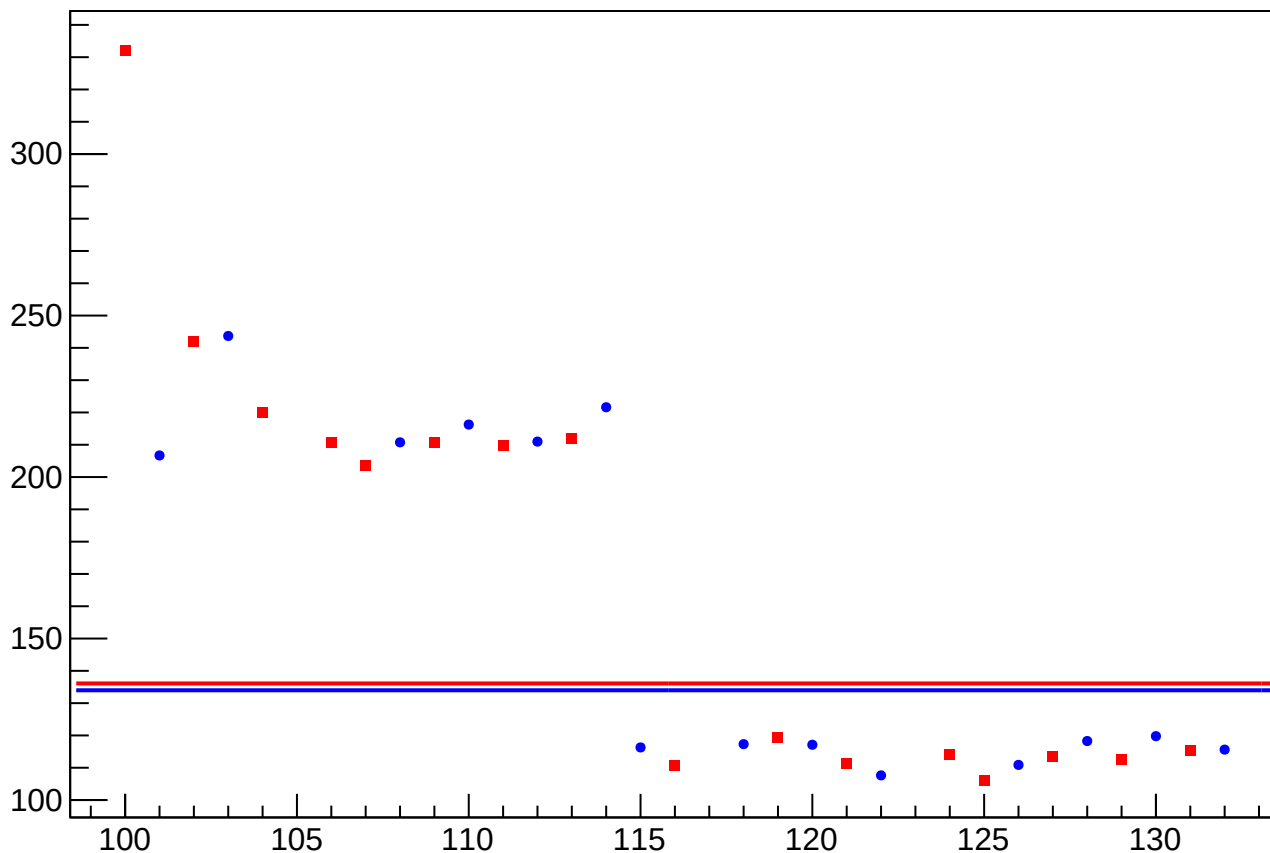
Right: 113.442 $\pm$ 40.678 χ^2 /NDF: 24.8/29

In: 159.927 $\pm$ 57.586 χ^2 /NDF:8.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 113.442 $\pm$ 40.678 χ^2 /NDF: 24.8/29

cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 133.983+/-0.041 χ^2/NDF : 962807.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.100+/-0.041 χ^2/NDF : 1182097.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

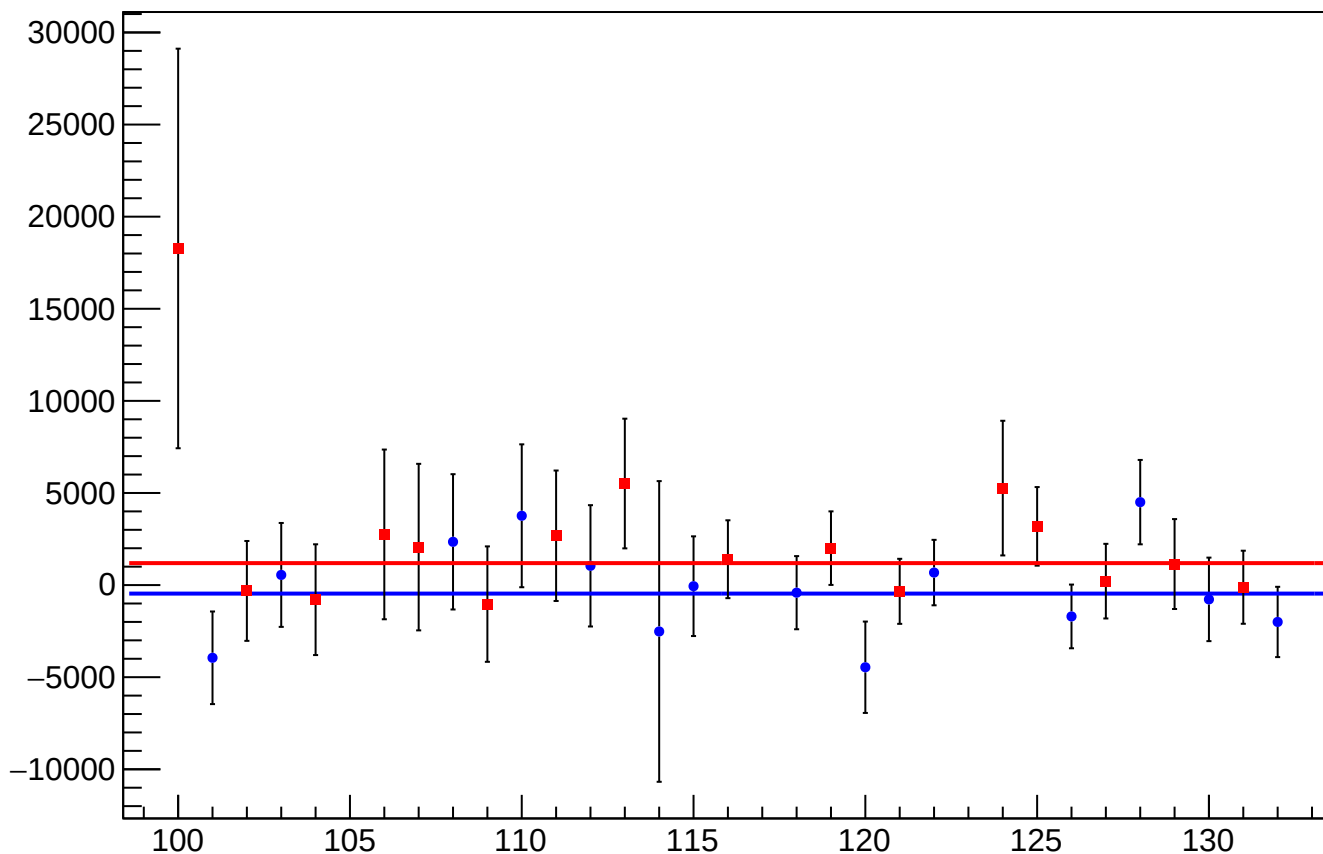
Right: 135.043+/-0.029 χ^2/NDF : 2146259.2/29

In: 133.983+/-0.041 χ^2/NDF : 962807.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.043+/-0.029 χ^2/NDF : 2146259.2/29

asym_sam_26_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -462.115+/-646.069 χ^2/NDF : 13.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1192.262+/-649.620 χ^2/NDF : 9.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

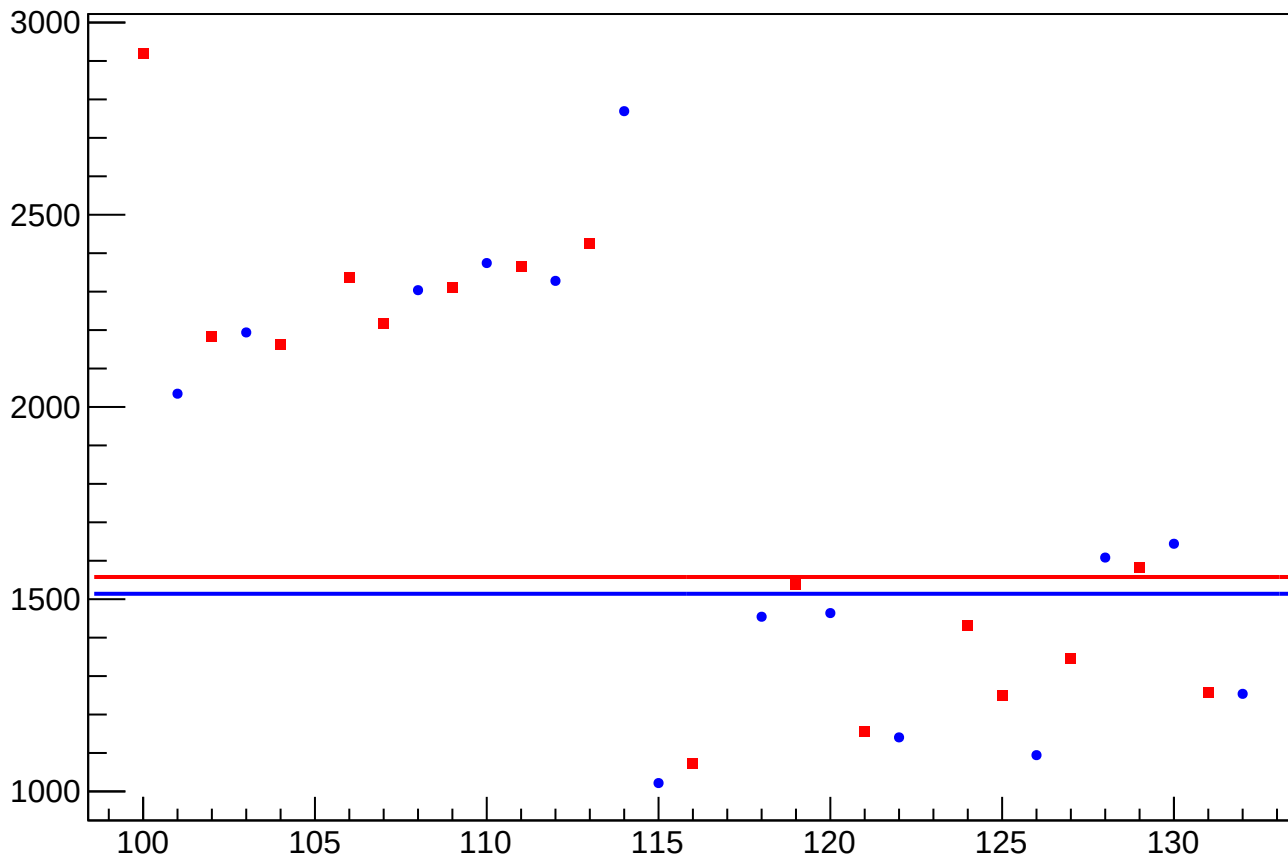
Right: 360.539+/-458.090 χ^2/NDF : 25.6/29

In: -462.115+/-646.069 χ^2/NDF : 13.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 360.539+/-458.090 χ^2/NDF : 25.6/29

asym_sam_26_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1514.082+/-0.457 χ^2/NDF : 884550.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1557.755+/-0.459 χ^2/NDF : 982333.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

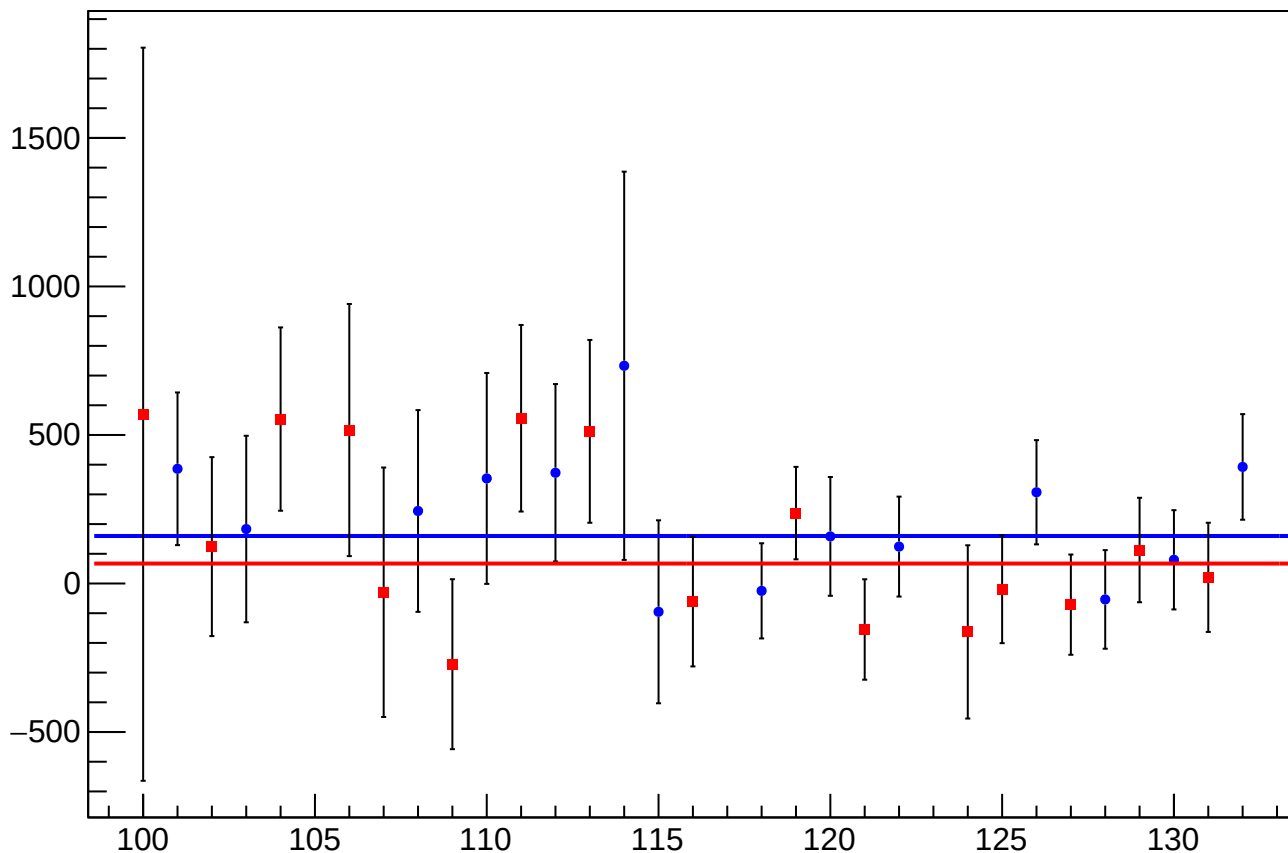
Right: 1535.799+/-0.324 χ^2/NDF : 1871428.7/29

In: 1514.082+/-0.457 χ^2/NDF : 884550.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1535.799+/-0.324 χ^2/NDF : 1871428.7/29

eigen_cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 159.927 $\pm$ 57.586 χ^2 /NDF: 8.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 67.143 $\pm$ 57.470 χ^2 /NDF: 14.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

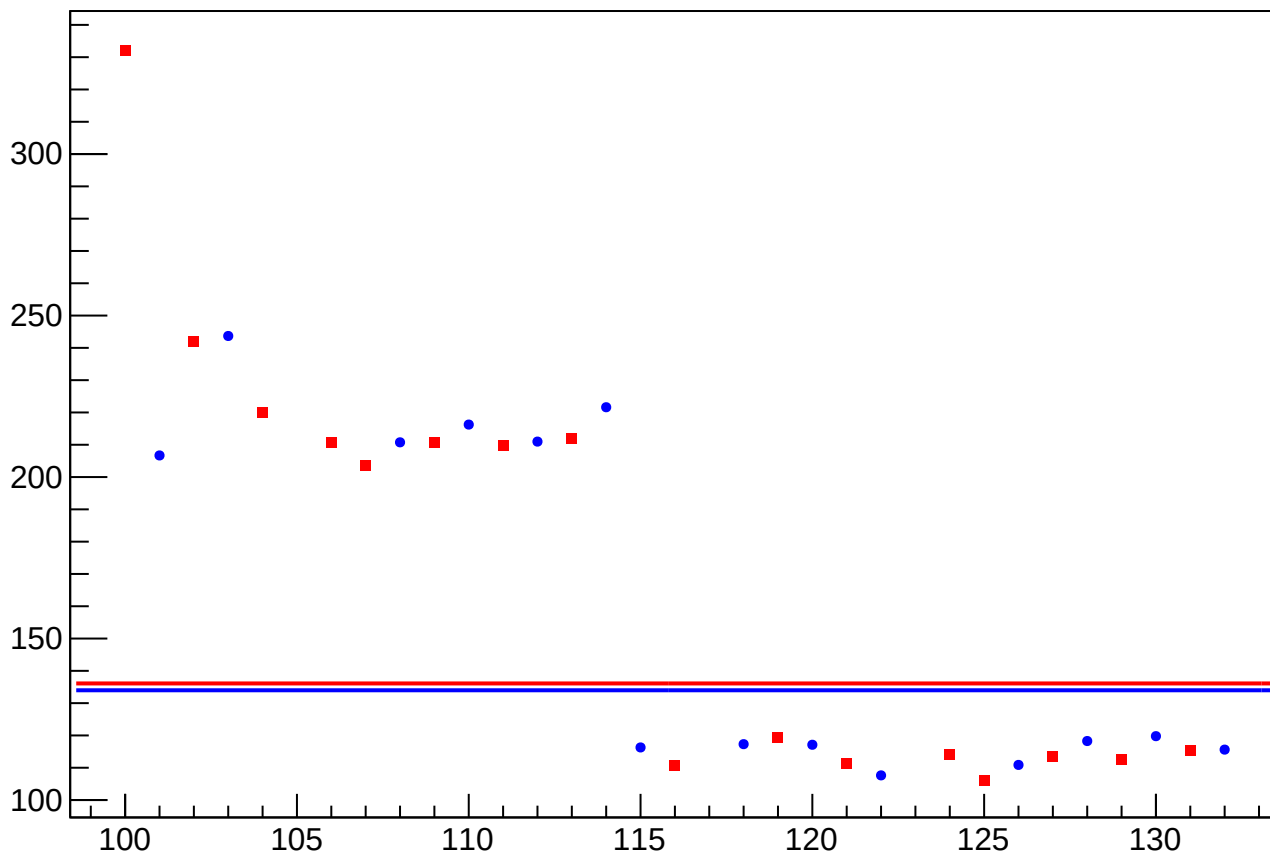
Right: 113.442 $\pm$ 40.678 χ^2 /NDF: 24.8/29

In: 159.927 $\pm$ 57.586 χ^2 /NDF:8.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 113.442 $\pm$ 40.678 χ^2 /NDF: 24.8/29

eigen_cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 133.983+/-0.041 χ^2/NDF : 962807.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.100+/-0.041 χ^2/NDF : 1182097.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

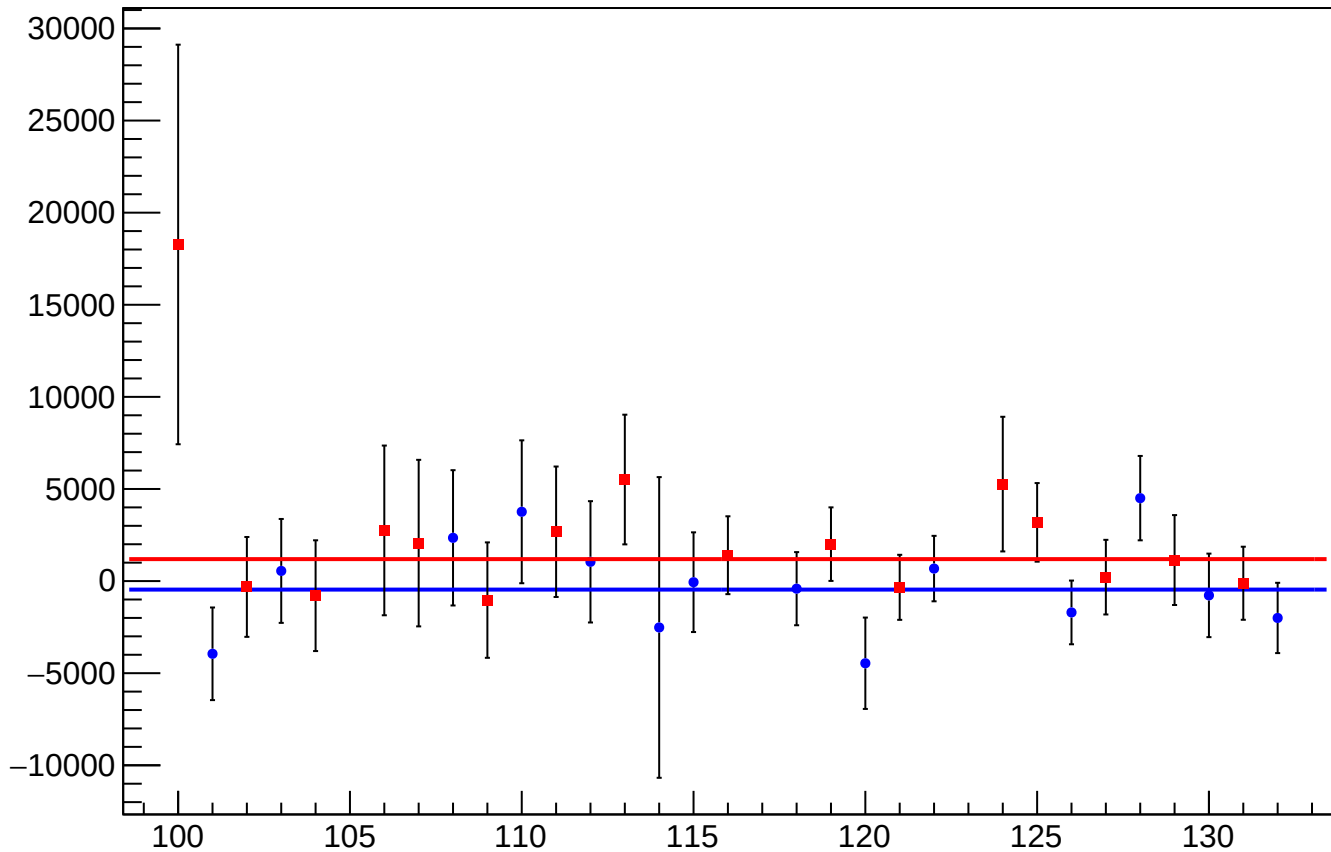
Right: 135.043+/-0.029 χ^2/NDF : 2146259.2/29

In: 133.983+/-0.041 χ^2/NDF : 962807.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.043+/-0.029 χ^2/NDF : 2146259.2/29

asym_sam_26_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -462.115+/-646.069 χ^2/NDF : 13.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1192.262+/-649.620 χ^2/NDF : 9.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

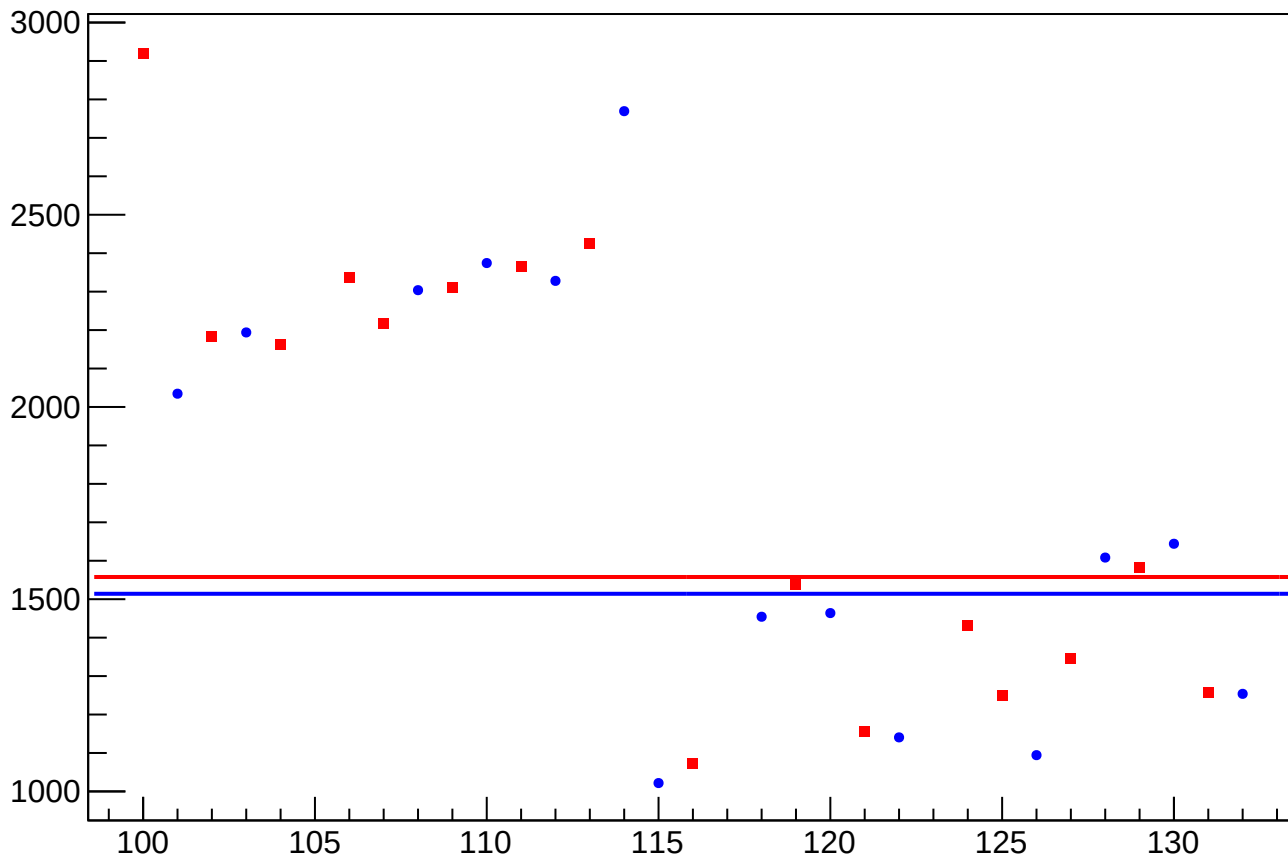
Right: 360.539+/-458.090 χ^2/NDF : 25.6/29

In: -462.115+/-646.069 χ^2/NDF : 13.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 360.539+/-458.090 χ^2/NDF : 25.6/29

asym_sam_26_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1514.082+/-0.457 χ^2/NDF : 884550.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1557.755+/-0.459 χ^2/NDF : 982333.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

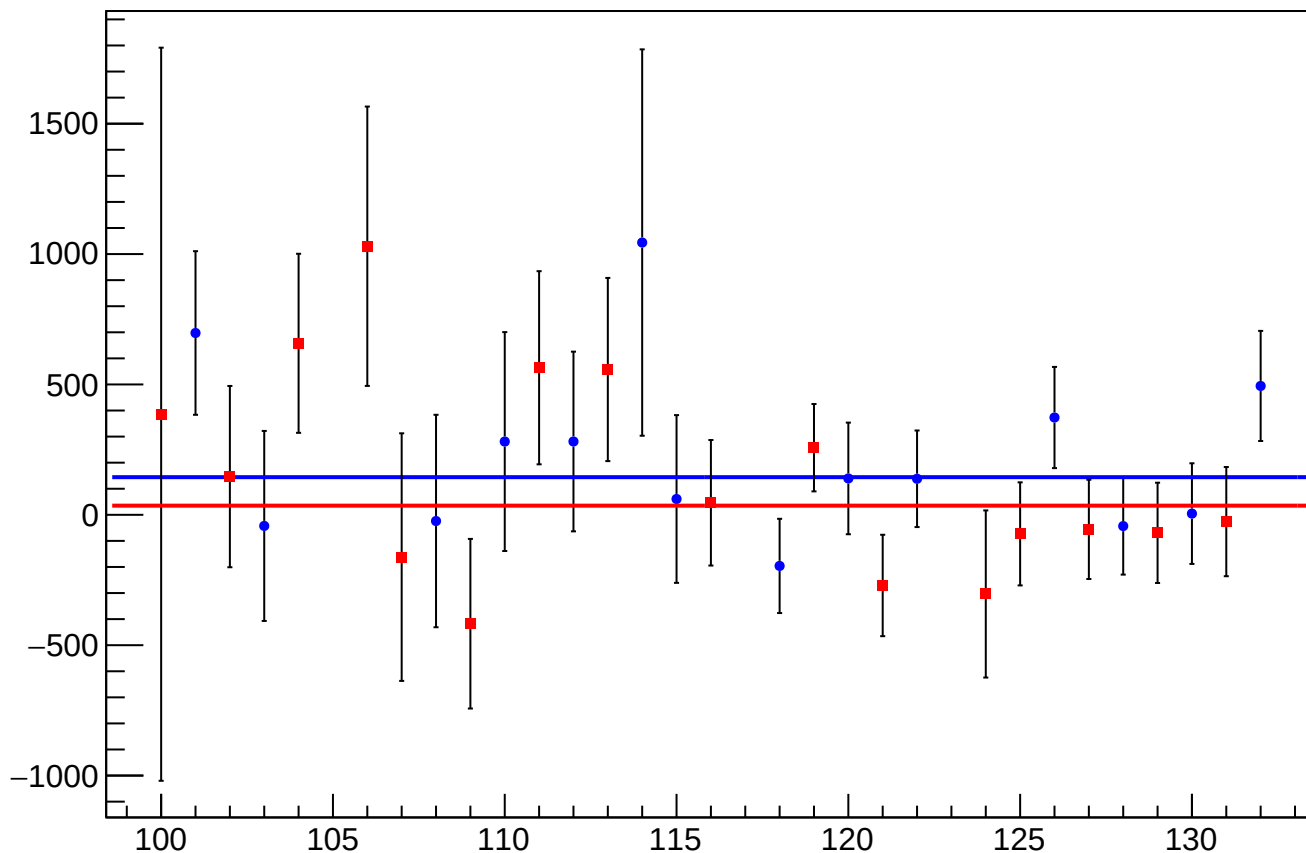
Right: 1535.799+/-0.324 χ^2/NDF : 1871428.7/29

In: 1514.082+/-0.457 χ^2/NDF : 884550.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1535.799+/-0.324 χ^2/NDF : 1871428.7/29

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 144.384+/-65.152 χ^2/NDF : 14.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.166+/-64.261 χ^2/NDF : 19.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

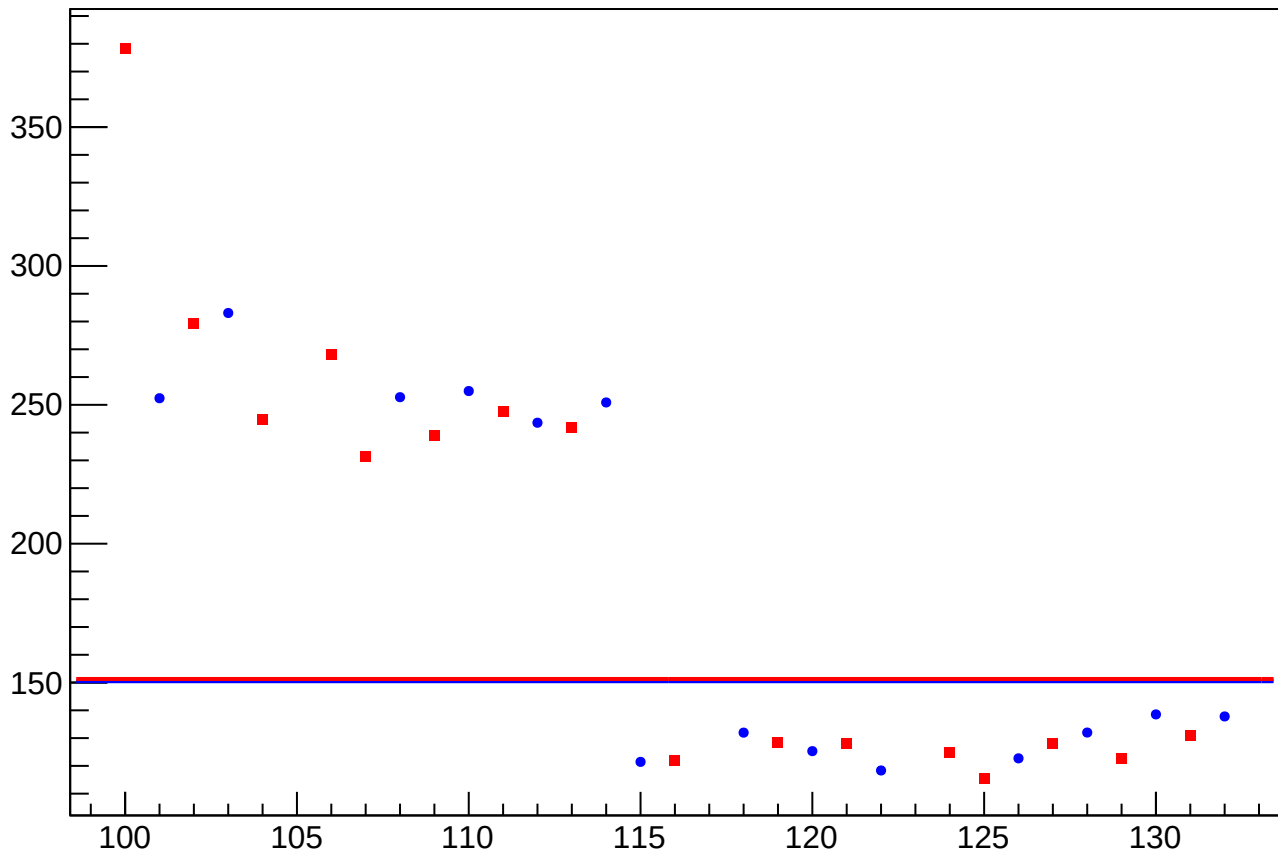
Right: 89.024+/-45.751 χ^2/NDF : 35.5/29

In: 144.384+/-65.152 χ^2/NDF : 14.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.024+/-45.751 χ^2/NDF : 35.5/29

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 150.483+/-0.046 χ^2/NDF : 1109078.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.292+/-0.045 χ^2/NDF : 1304798.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

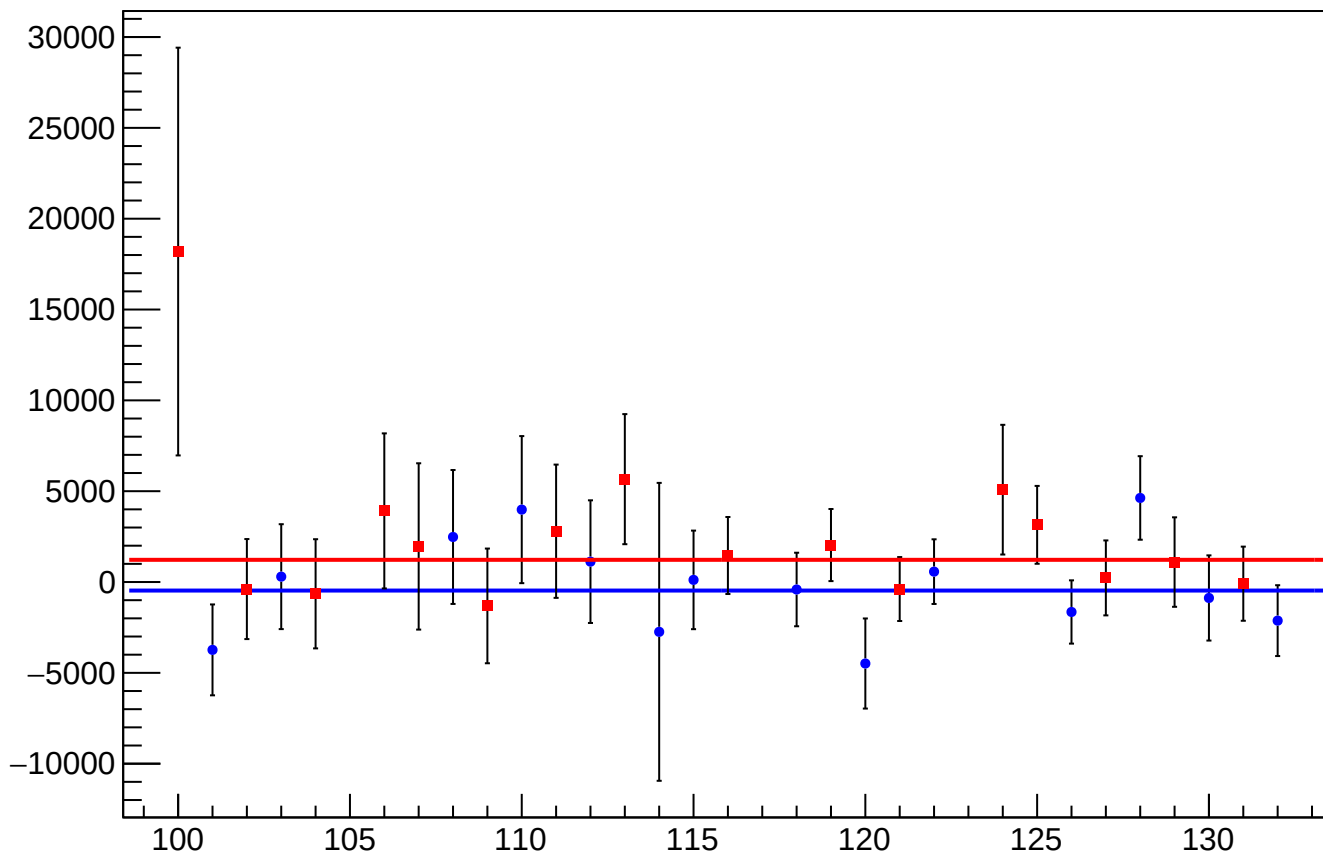
Right: 150.893+/-0.032 χ^2/NDF : 2414033.3/29

In: 150.483+/-0.046 χ^2/NDF : 1109078.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.893+/-0.032 χ^2/NDF : 2414033.3/29

asym_sam_26_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -469.585+/-653.835 χ^2/NDF : 13.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1221.858+/-653.475 χ^2/NDF : 9.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

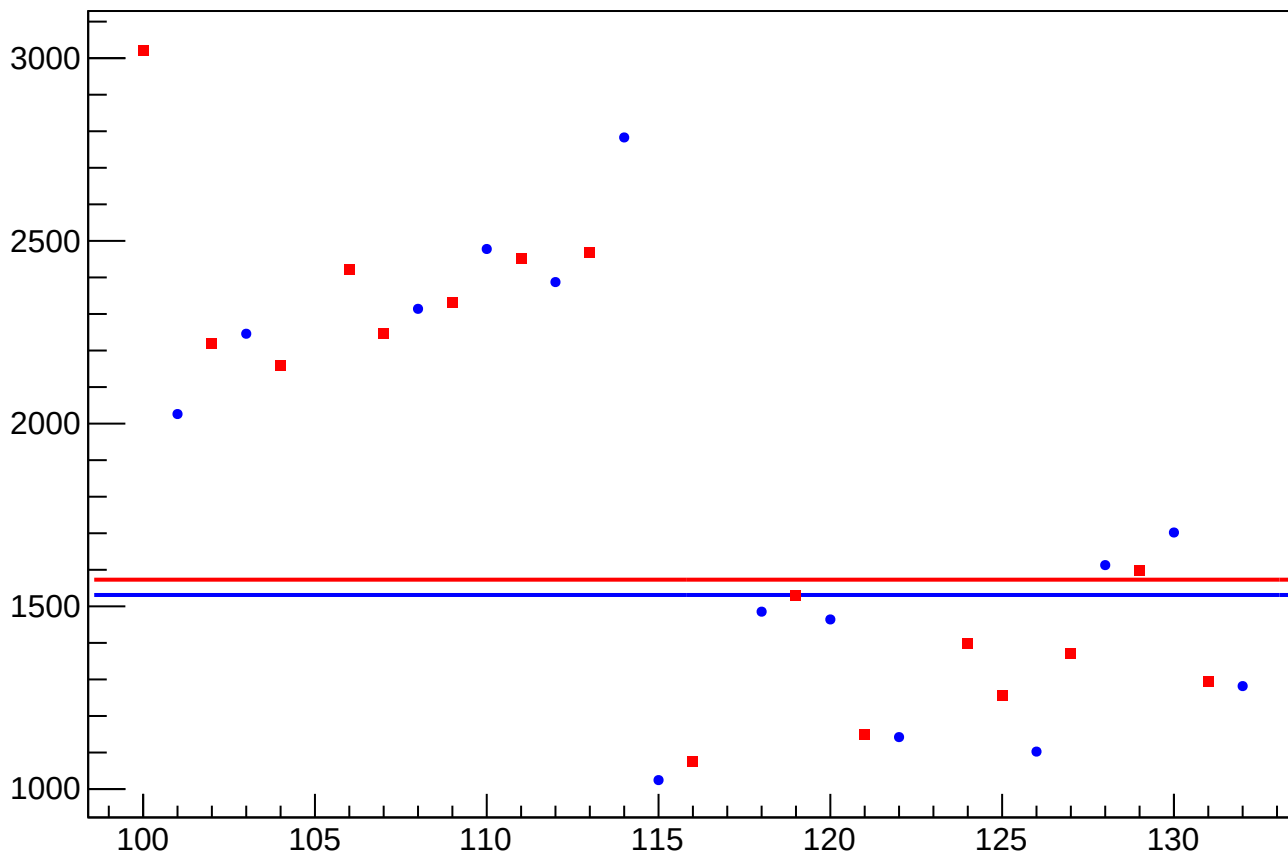
Right: 376.602+/-462.204 χ^2/NDF : 25.9/29

In: -469.585+/-653.835 χ^2/NDF : 13.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 376.602+/-462.204 χ^2/NDF : 25.9/29

asym_sam_26_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1531.109+/-0.462 χ^2/NDF : 910531.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1572.982+/-0.462 χ^2/NDF : 1028629.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

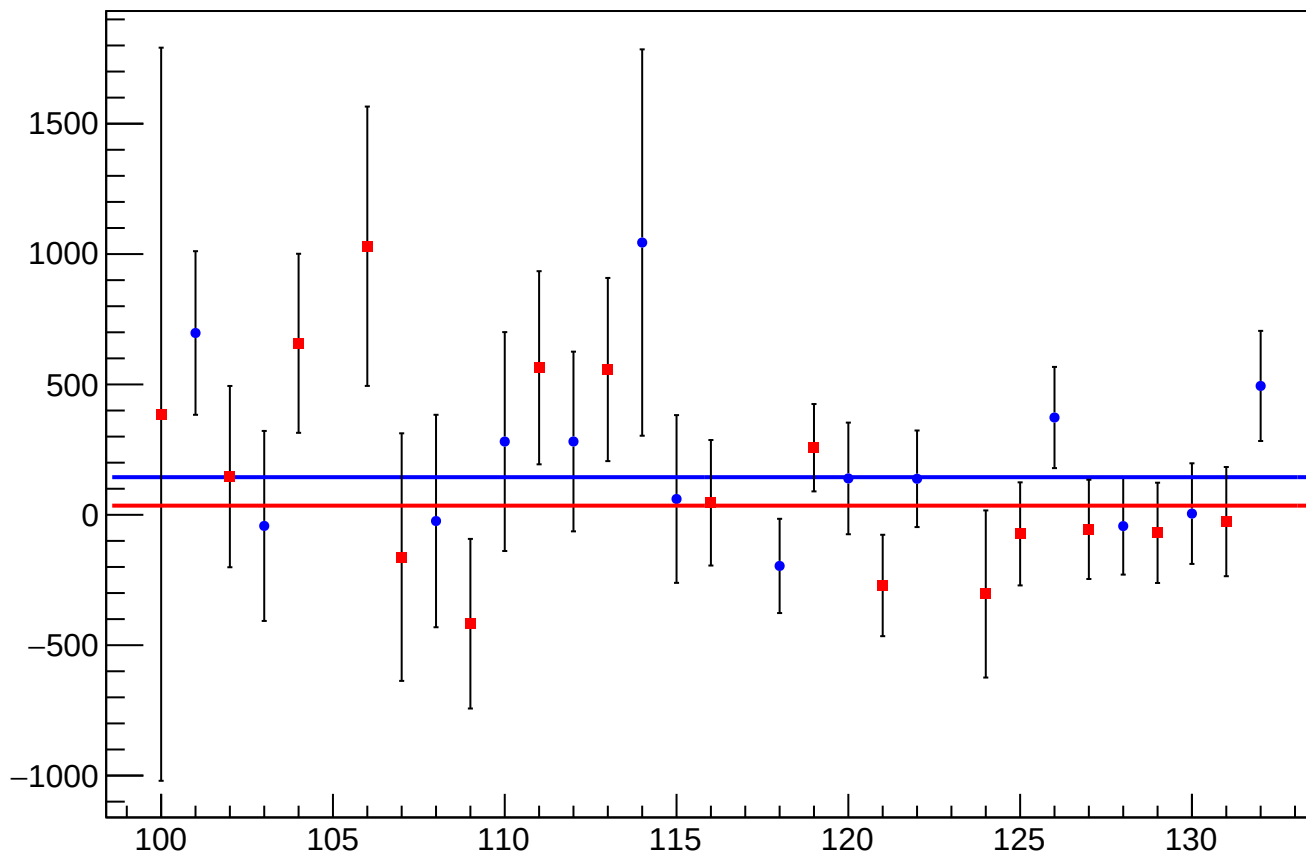
Right: 1552.057+/-0.327 χ^2/NDF : 1943264.1/29

In: 1531.109+/-0.462 χ^2/NDF : 910531.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1552.057+/-0.327 χ^2/NDF : 1943264.1/29

eigen_dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 144.385 $\pm$ 65.151 χ^2 /NDF: 14.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 35.166 $\pm$ 64.261 χ^2 /NDF: 19.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

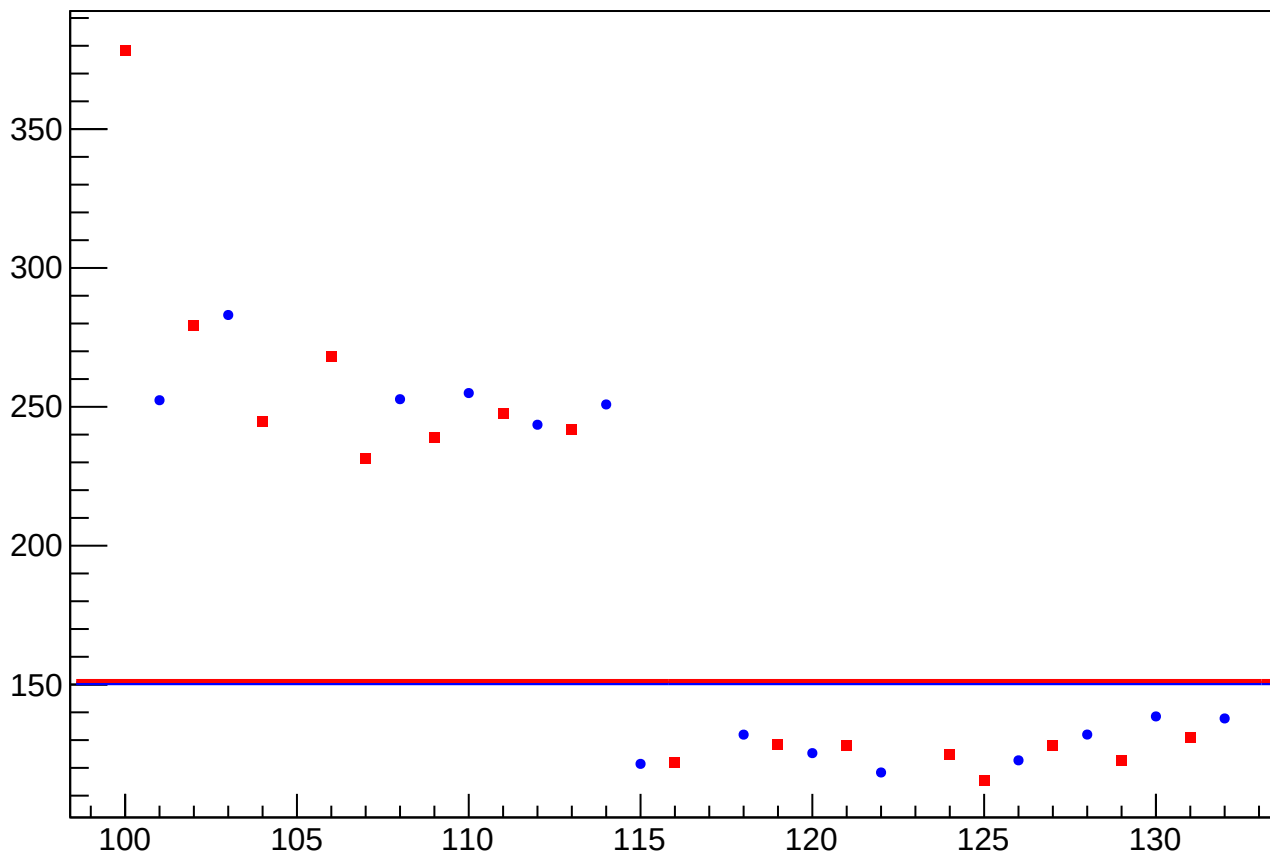
Right: 89.024 $\pm$ 45.751 χ^2 /NDF: 35.5/29

In: 144.385 $\pm$ 65.151 χ^2 /NDF:14.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 89.024 $\pm$ 45.751 χ^2 /NDF: 35.5/29

eigen_dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 150.482 $\pm$ 0.046 χ^2 /NDF: 1109072.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 151.292 $\pm$ 0.045 χ^2 /NDF: 1304786.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

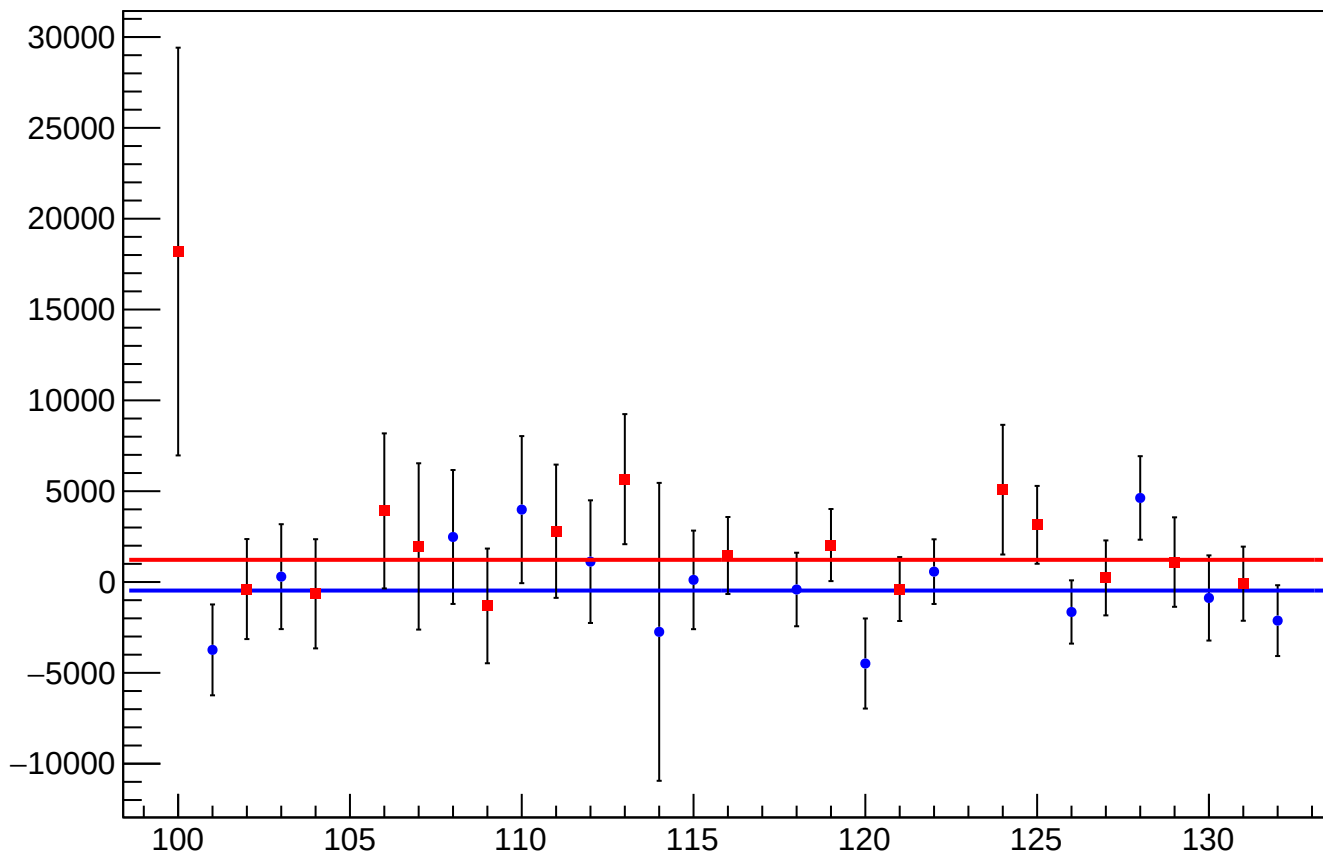
Right: 150.892 $\pm$ 0.032 χ^2 /NDF: 2414015.4/29

In: 150.482 $\pm$ 0.046 χ^2 /NDF:1109072.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 150.892 $\pm$ 0.032 χ^2 /NDF: 2414015.4/29

asym_sam_26_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -469.584+/-653.834 χ^2/NDF : 13.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1221.855+/-653.474 χ^2/NDF : 9.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

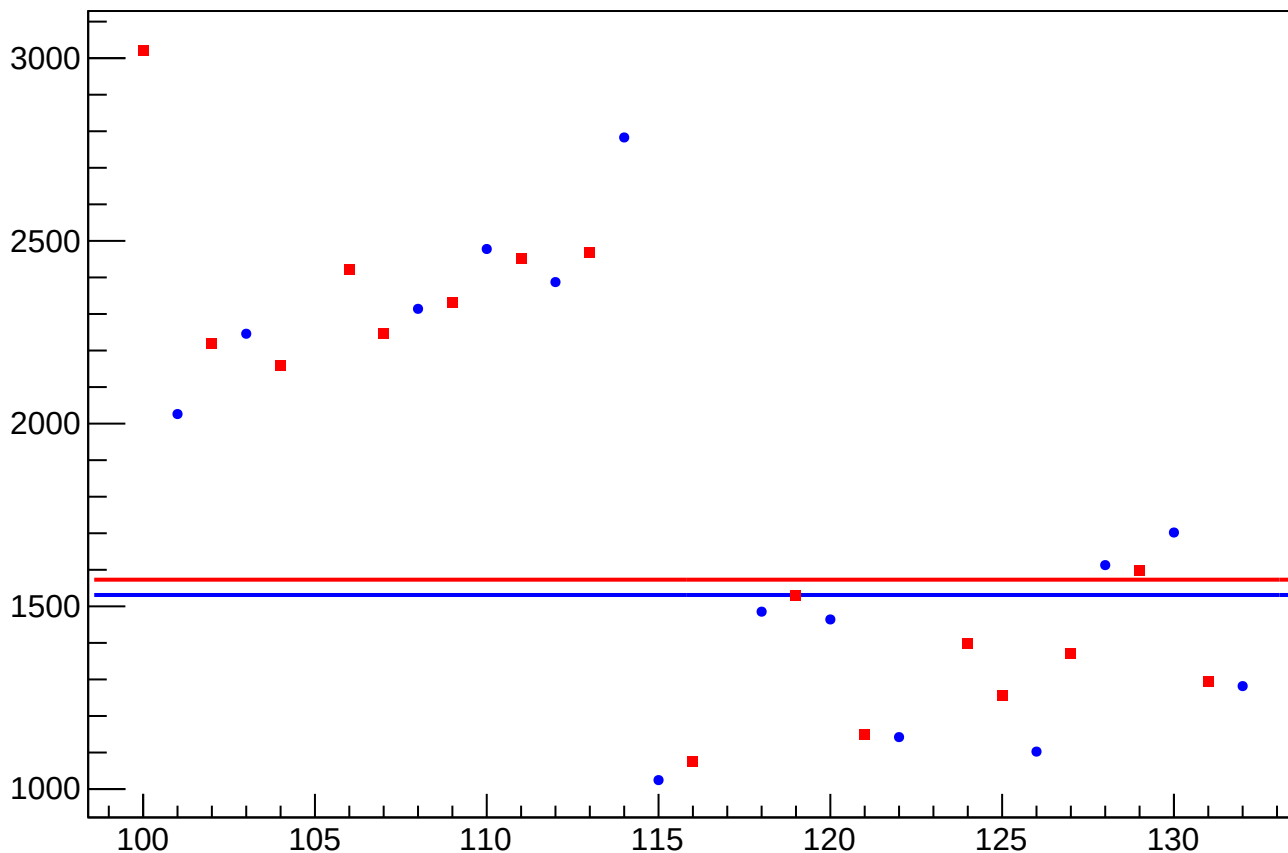
Right: 376.601+/-462.203 χ^2/NDF : 25.9/29

In: -469.584+/-653.834 χ^2/NDF : 13.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 376.601+/-462.203 χ^2/NDF : 25.9/29

asym_sam_26_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1531.106+/-0.462 χ^2/NDF : 910521.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1572.979+/-0.462 χ^2/NDF : 1028619.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

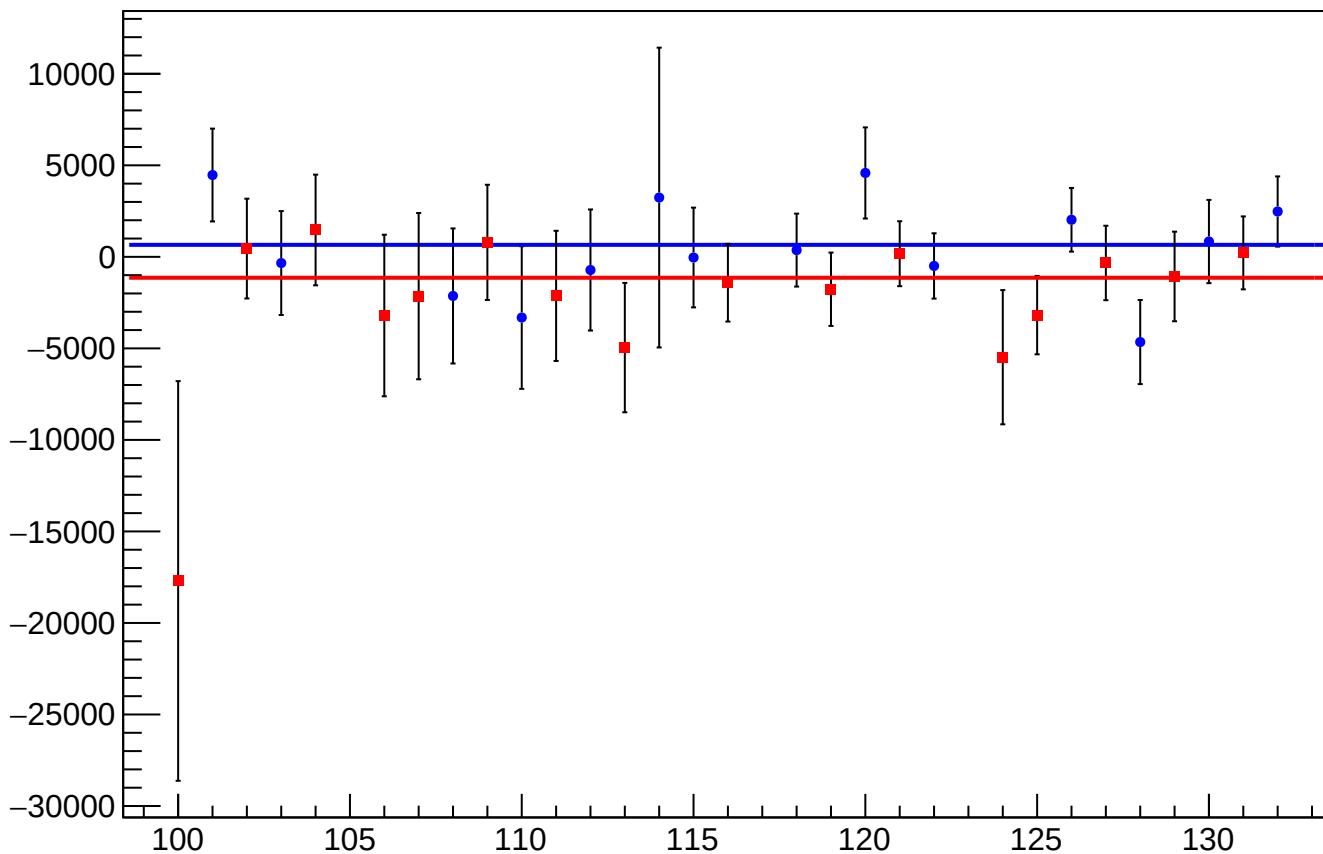
Right: 1552.054+/-0.327 χ^2/NDF : 1943244.8/29

In: 1531.106+/-0.462 χ^2/NDF : 910521.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1552.054+/-0.327 χ^2/NDF : 1943244.8/29

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 655.624+/-649.137 χ^2/NDF : 14.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1142.154+/-651.811 χ^2/NDF : 8.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

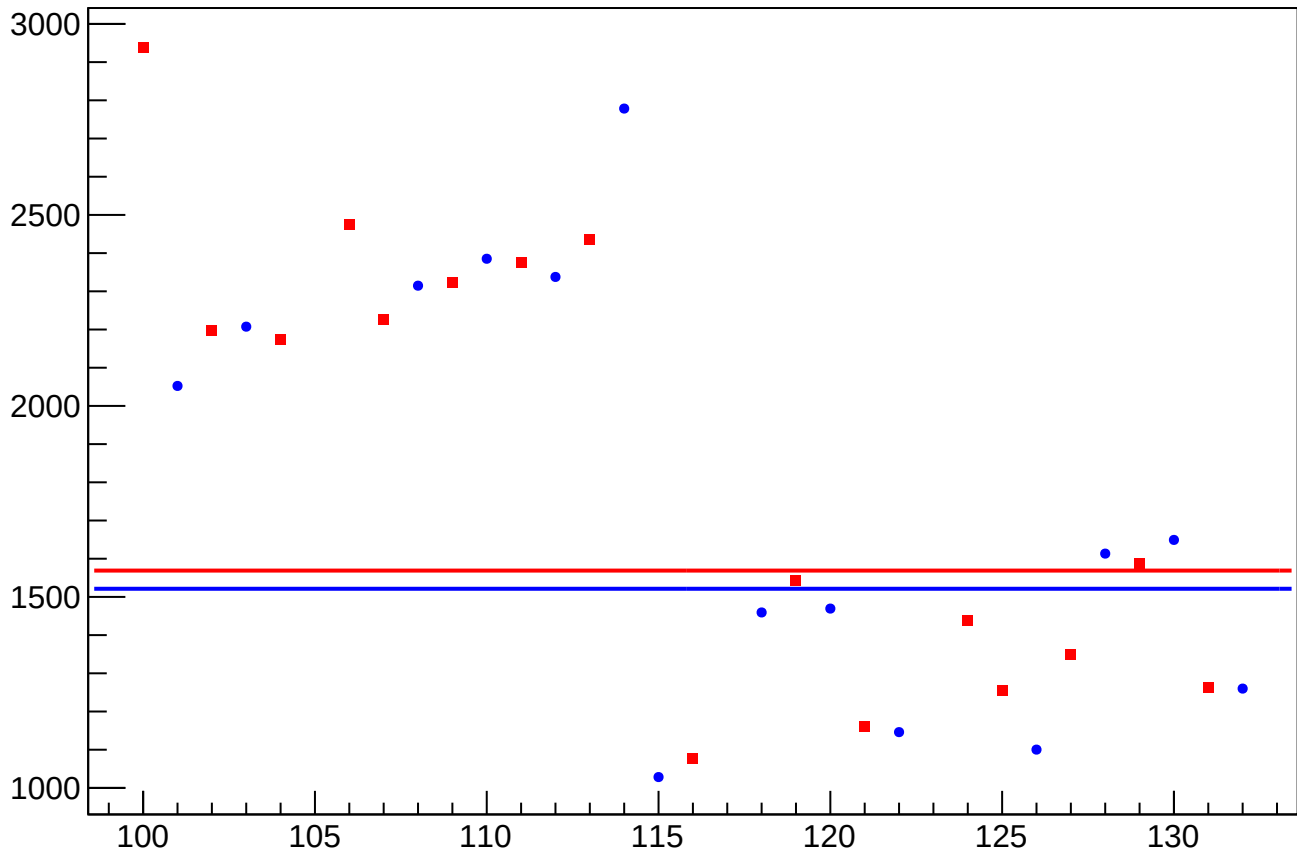
Right: -239.570+/-459.952 χ^2/NDF : 26.8/29

In: 655.624+/-649.137 χ^2/NDF : 14.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -239.570+/-459.952 χ^2/NDF : 26.8/29

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1521.317+/-0.459 χ^2/NDF : 885217.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1568.942+/-0.461 χ^2/NDF : 1010087.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

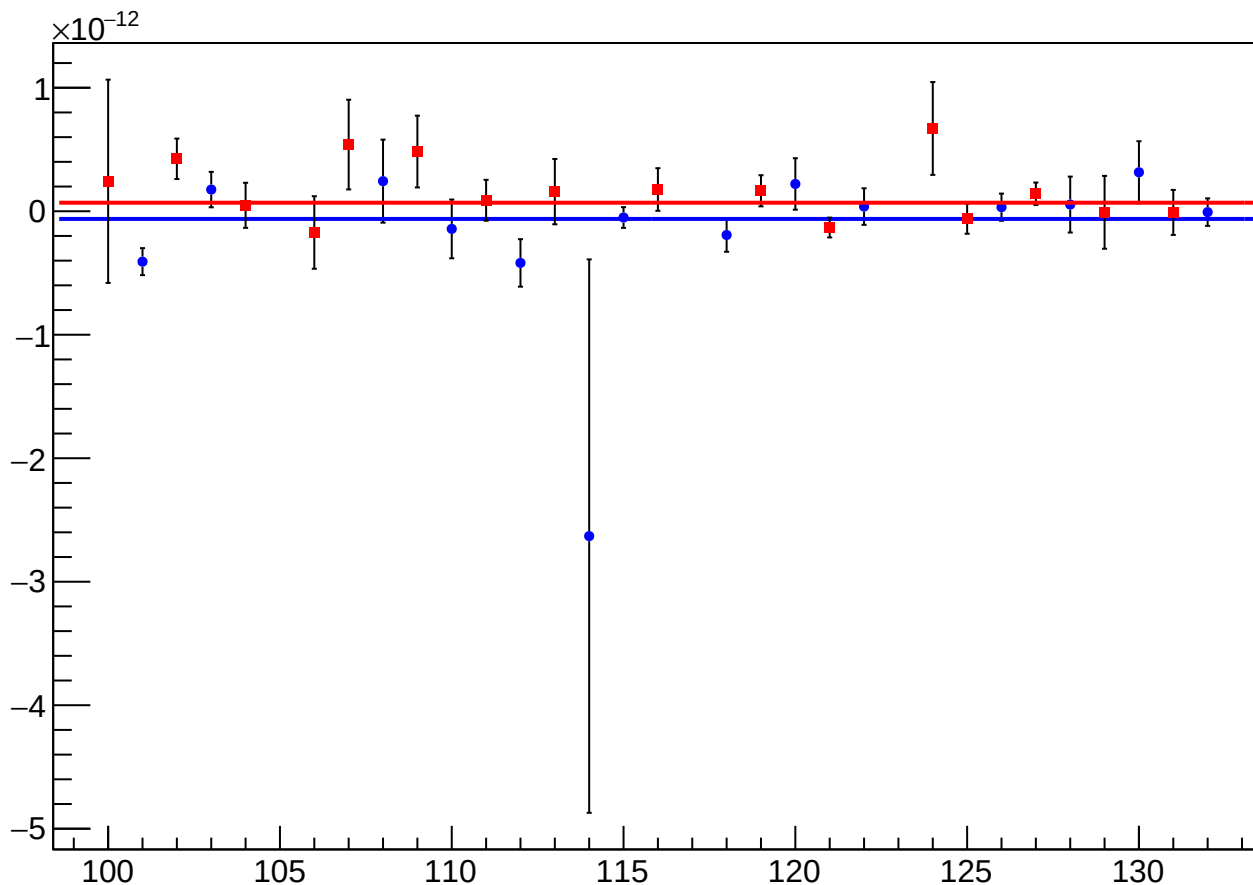
Right: 1545.032+/-0.325 χ^2/NDF : 1900665.8/29

In: 1521.317+/-0.459 χ^2/NDF : 885217.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1545.032+/-0.325 χ^2/NDF : 1900665.8/29

asym_sam_26_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 25.2/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 21.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

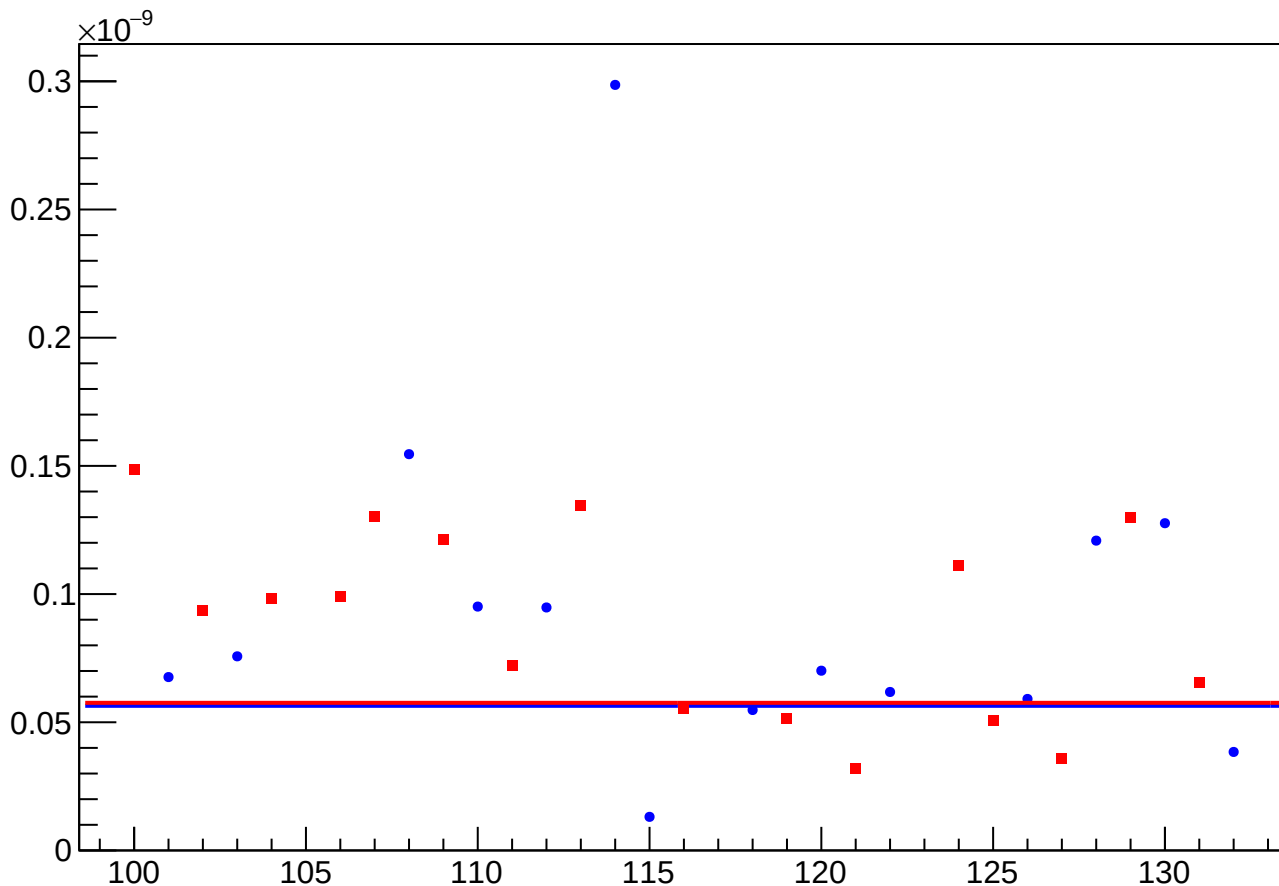
Right: 0.000 ± 0.000 χ^2/NDF : 51.9/29

In: -0.000 ± 0.000 χ^2/NDF : 25.2/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 51.9/29

asym_sam_26_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1303619.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1116270.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

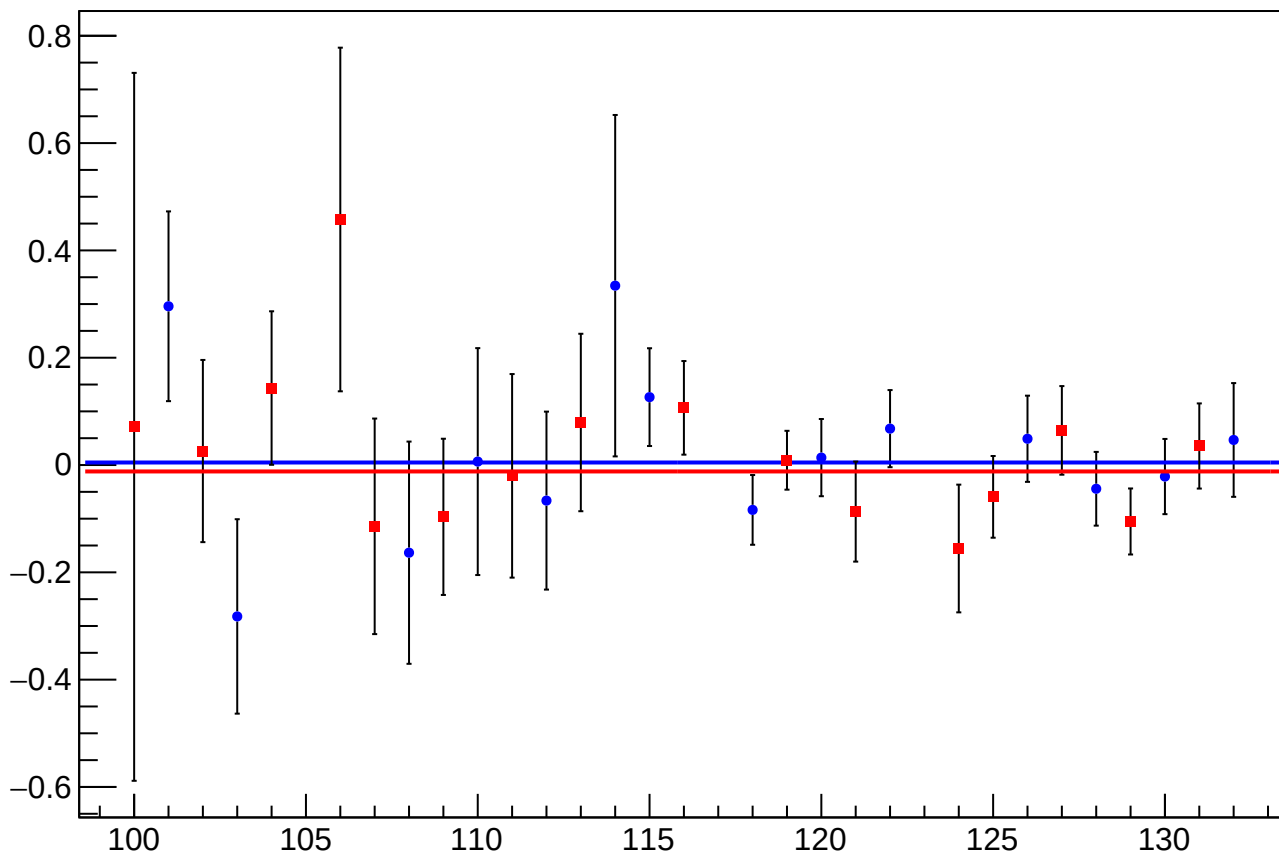
Right: 0.000+/-0.000 χ^2/NDF : 2420768.3/29

In: 0.000+/-0.000 χ^2/NDF : 1303619.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2420768.3/29

asym_sam_26_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.025 χ^2 /NDF: 12.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.012 $\pm$ 0.025 χ^2 /NDF: 12.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

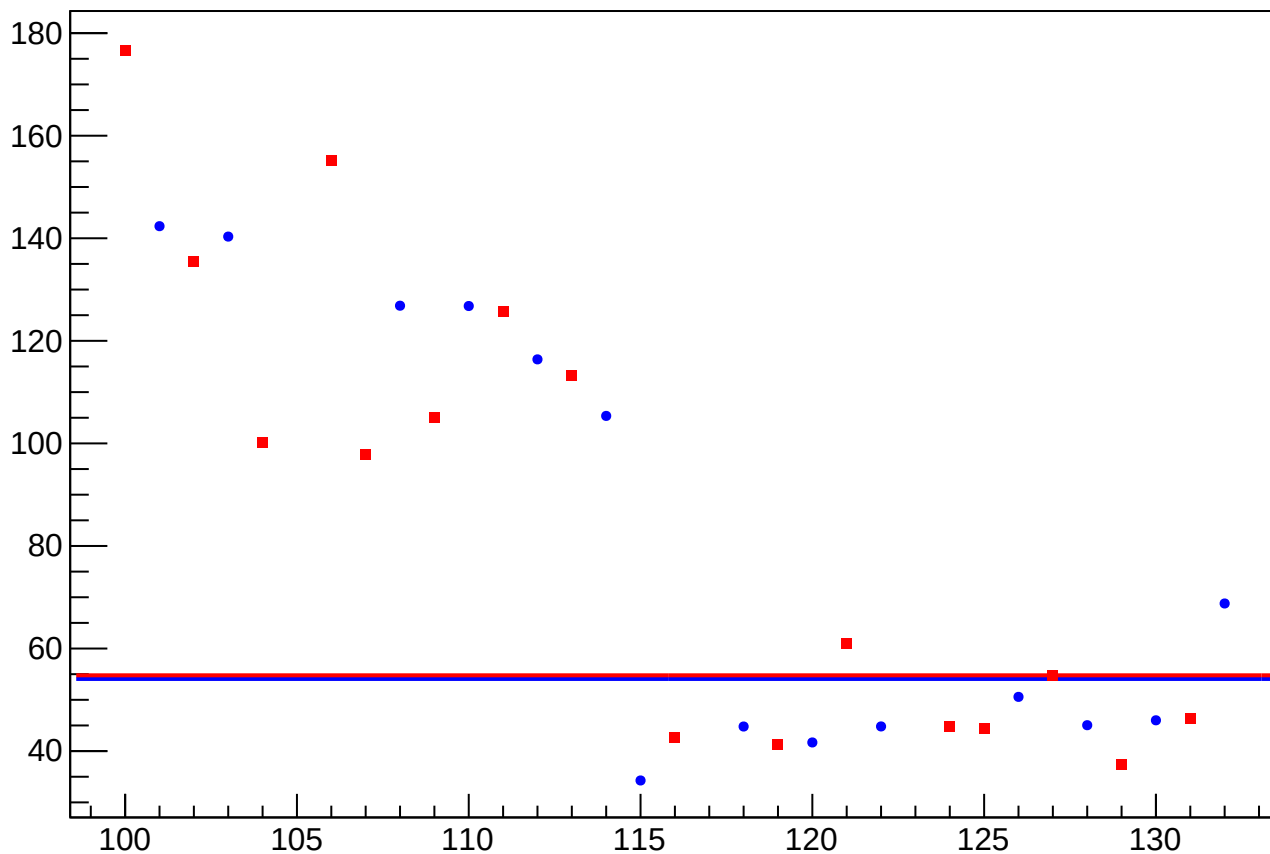
Right: -0.004 $\pm$ 0.018 χ^2 /NDF: 25.2/29

In: 0.005 $\pm$ 0.025 χ^2 /NDF:12.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.018 χ^2 /NDF: 25.2/29

asym_sam_26_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.069+/-0.018 χ^2/NDF : 2100594.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.780+/-0.018 χ^2/NDF : 2182078.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

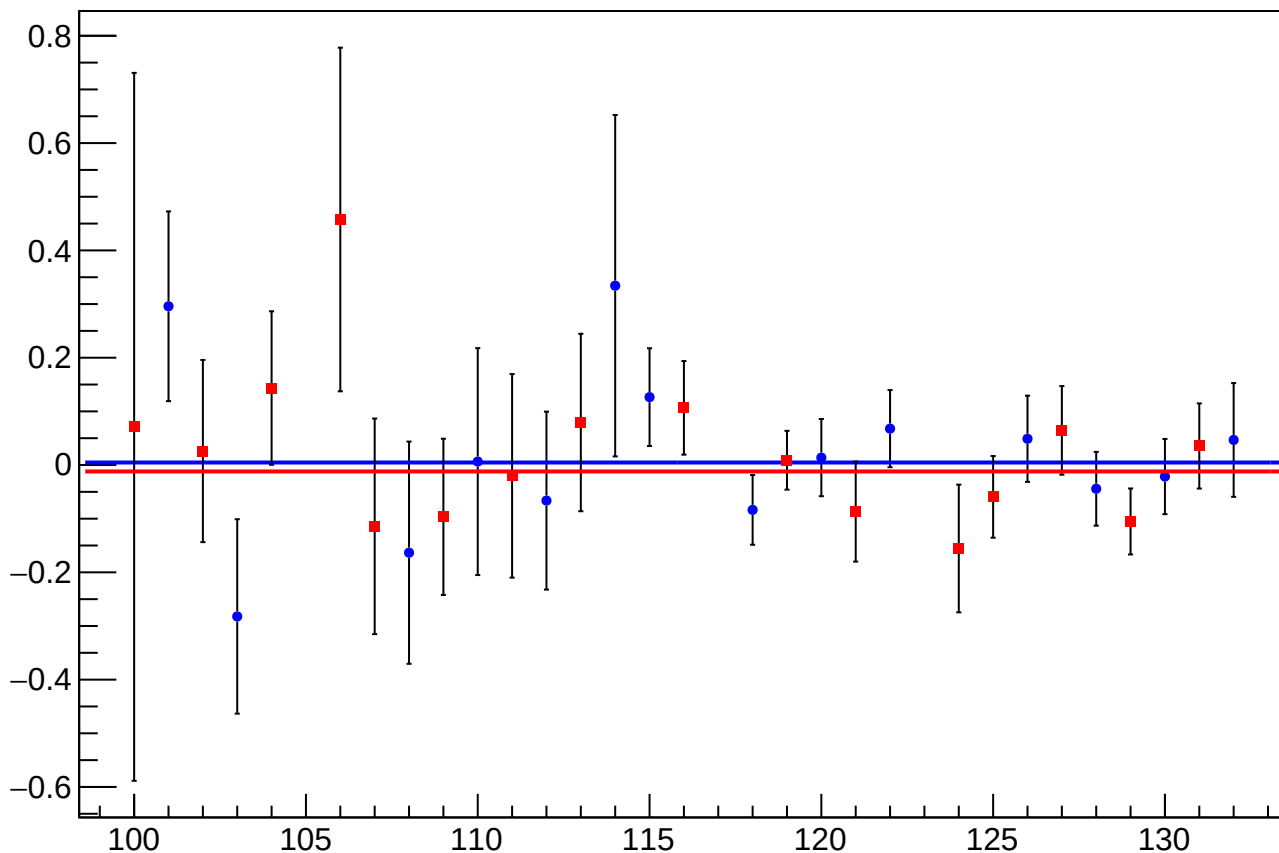
Right: 54.432+/-0.013 χ^2/NDF : 4283474.6/29

In: 54.069+/-0.018 χ^2/NDF : 2100594.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.432+/-0.013 χ^2/NDF : 4283474.6/29

asym_sam_26_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.025 χ^2/NDF : 12.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-0.025 χ^2/NDF : 12.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

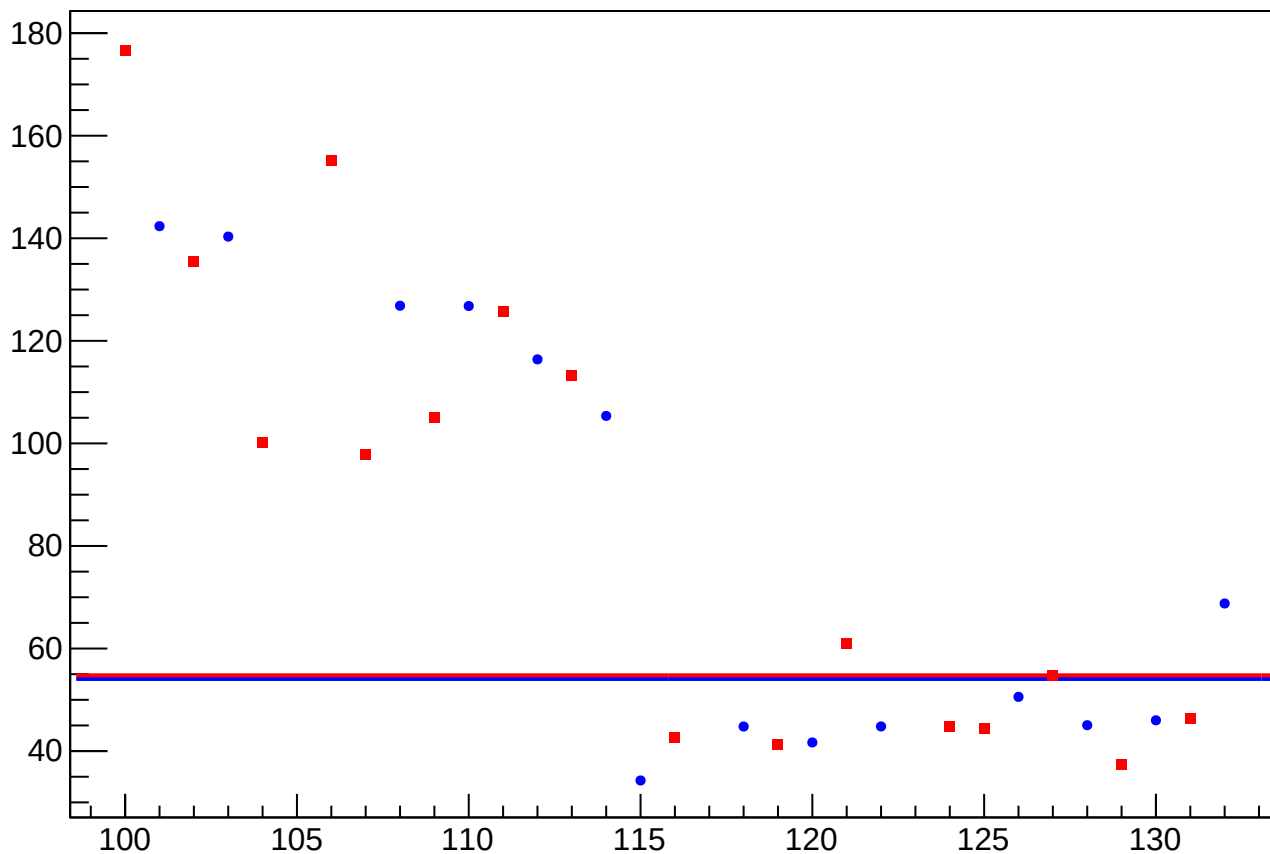
Right: -0.004+/-0.018 χ^2/NDF : 25.2/29

In: 0.005+/-0.025 χ^2/NDF : 12.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.004+/-0.018 χ^2/NDF : 25.2/29

asym_sam_26_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.069+/-0.018 χ^2/NDF : 2100594.6/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 54.780+/-0.018 χ^2/NDF : 2182078.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

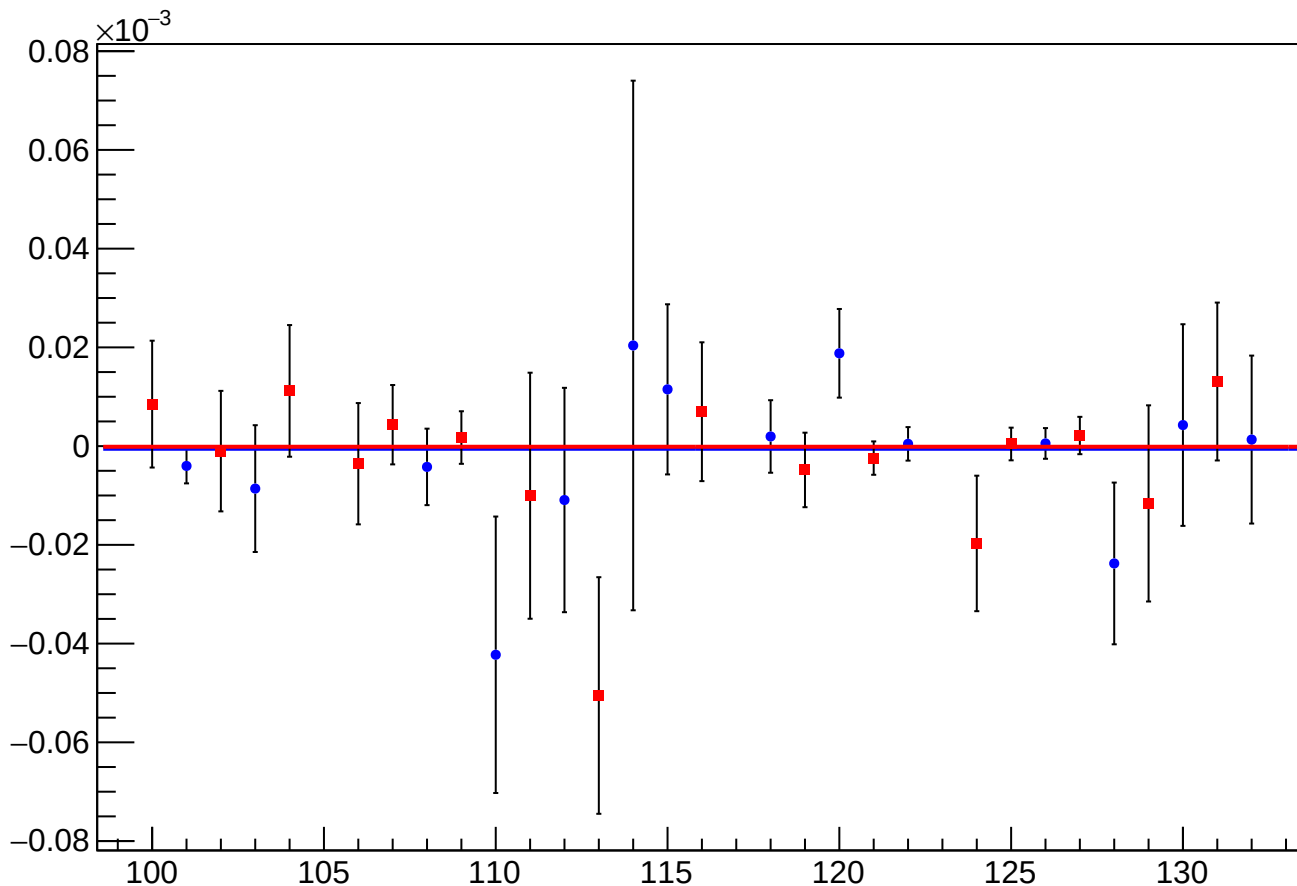
Right: 54.432+/-0.013 χ^2/NDF : 4283474.6/29

In: 54.069+/-0.018 χ^2/NDF :2100594.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 54.432+/-0.013 χ^2/NDF : 4283474.6/29

asym_sam_26_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

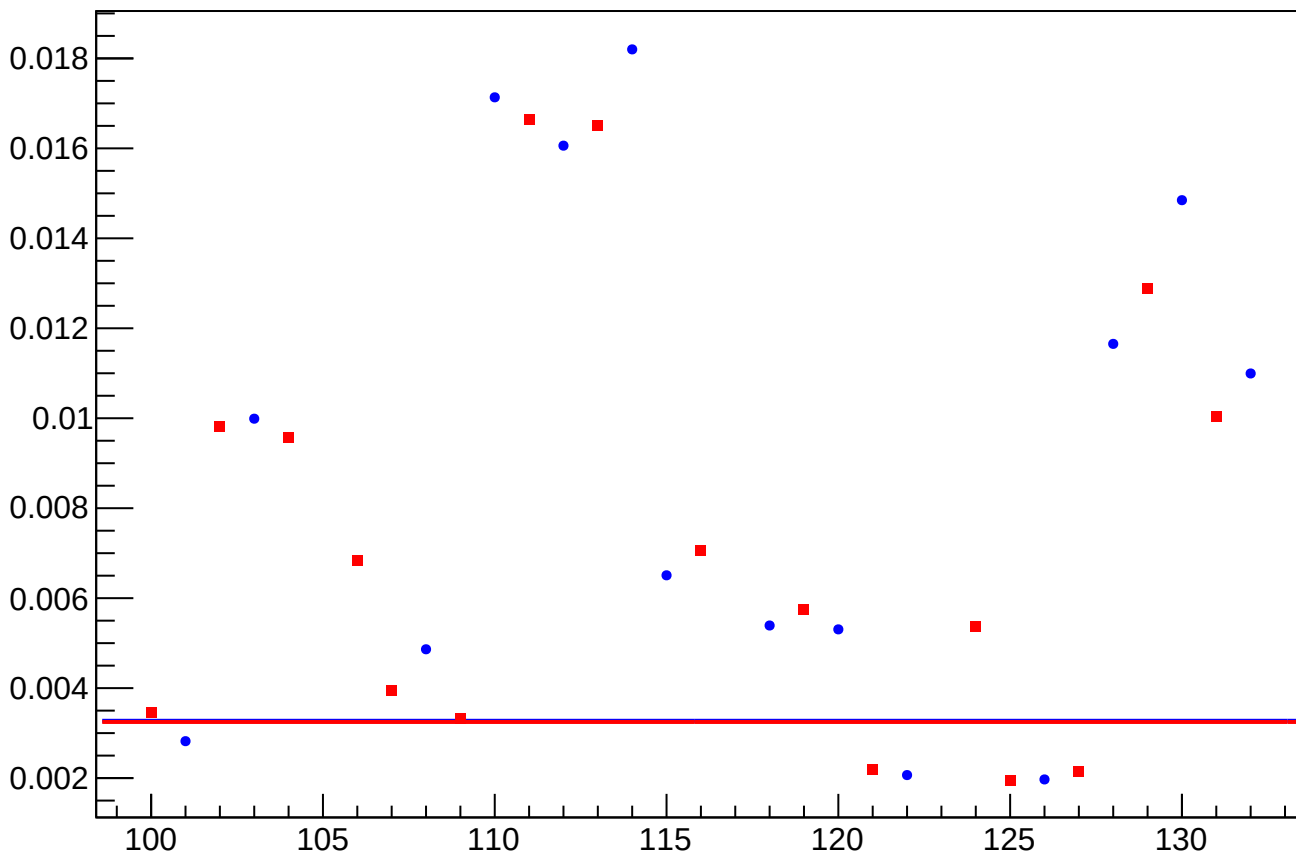
Right: -0.000+/-0.000 χ^2/NDF : 22.5/29

In: -0.000+/-0.000 χ^2/NDF : 11.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.5/29

asym_sam_26_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000

χ^2/NDF : 4464006.4/13

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000

χ^2/NDF : 4327625.2/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.003+/-0.000

χ^2/NDF : 8791865.4/29

In: 0.003+/-0.000

χ^2/NDF : 4464006.4/13

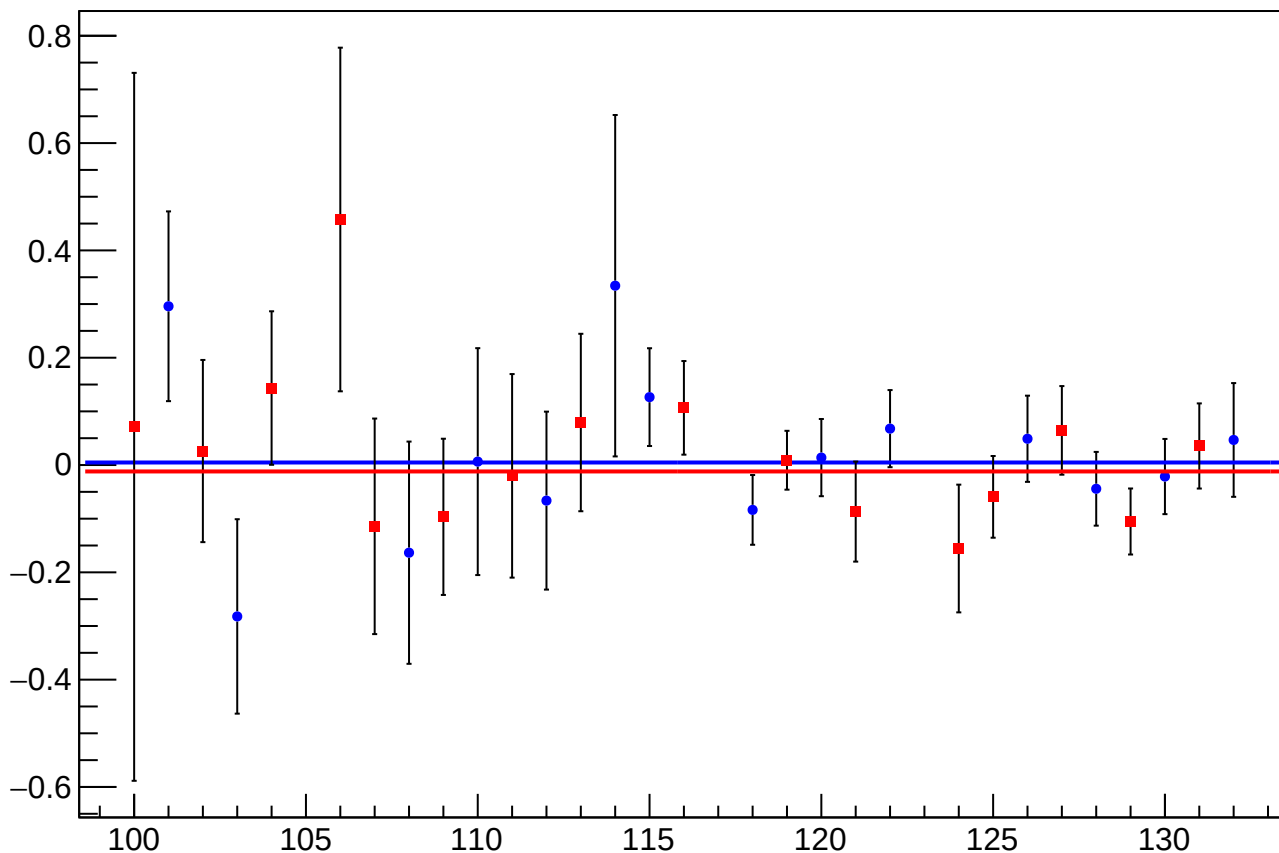
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.003+/-0.000

χ^2/NDF : 8791865.4/29

asym_sam_26_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.025 χ^2/NDF : 12.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-0.025 χ^2/NDF : 12.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

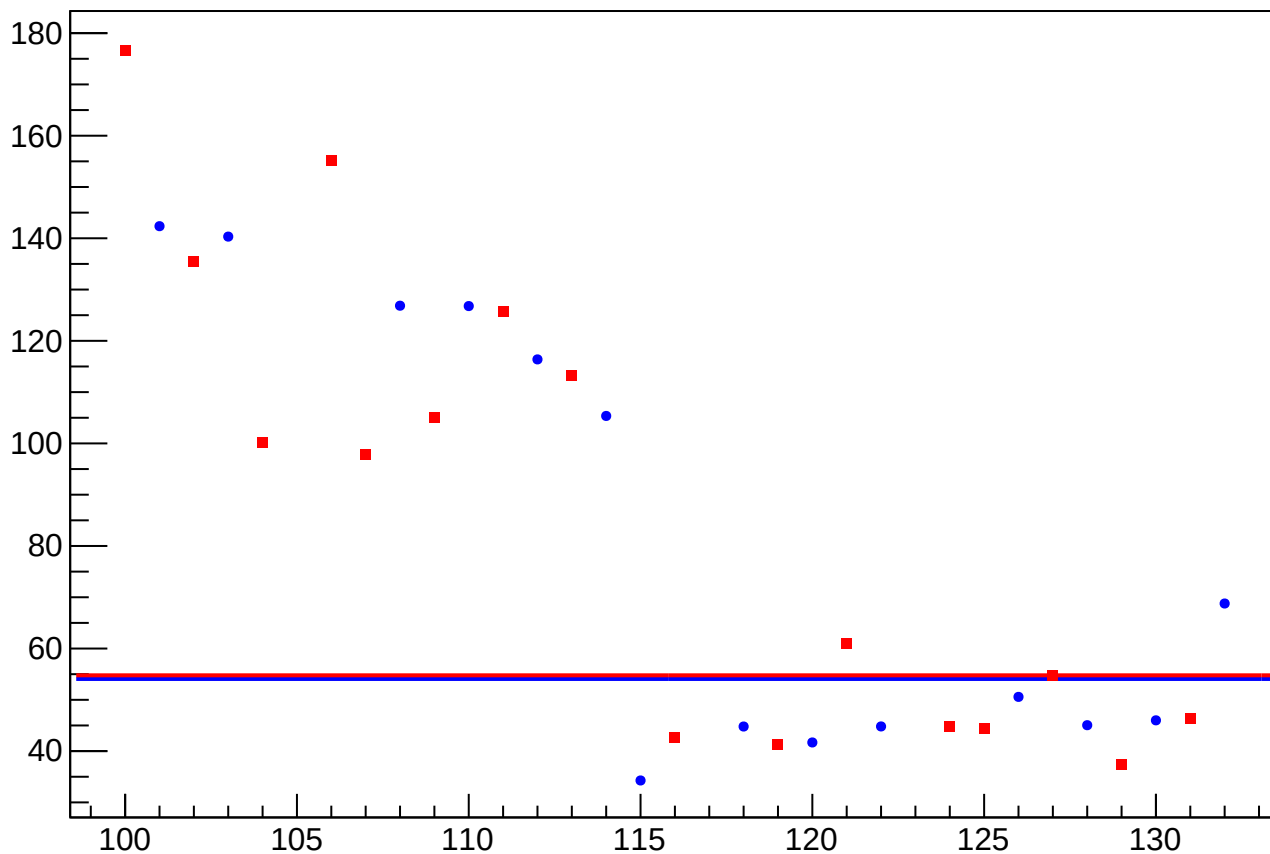
Right: -0.004+/-0.018 χ^2/NDF : 25.2/29

In: 0.005+/-0.025 χ^2/NDF : 12.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.004+/-0.018 χ^2/NDF : 25.2/29

asym_sam_26_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.069+/-0.018 χ^2/NDF : 2100512.3/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 54.779+/-0.018 χ^2/NDF : 2182017.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

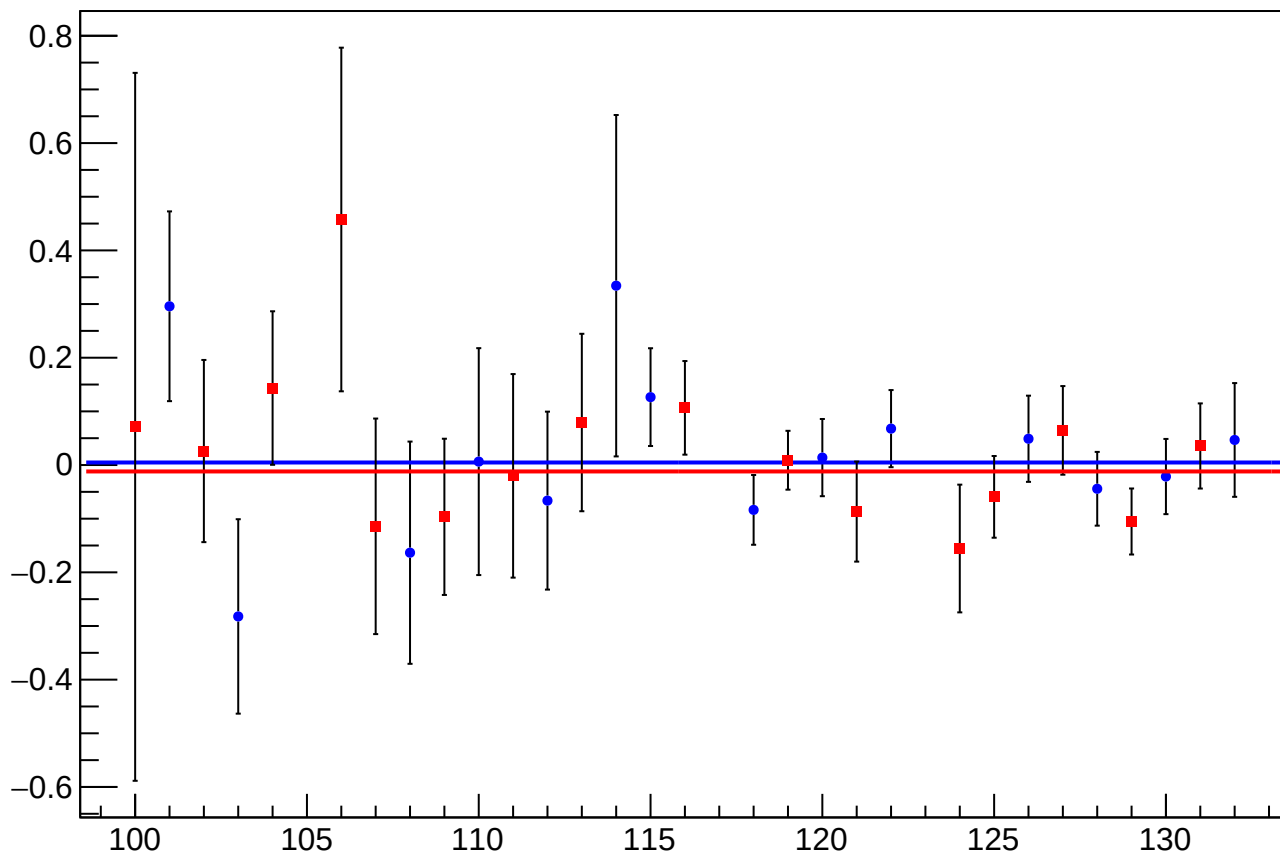
Right: 54.431+/-0.013 χ^2/NDF : 4283331.7/29

In: 54.069+/-0.018 χ^2/NDF :2100512.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 54.431+/-0.013 χ^2/NDF : 4283331.7/29

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.025 χ^2/NDF : 12.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-0.025 χ^2/NDF : 12.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

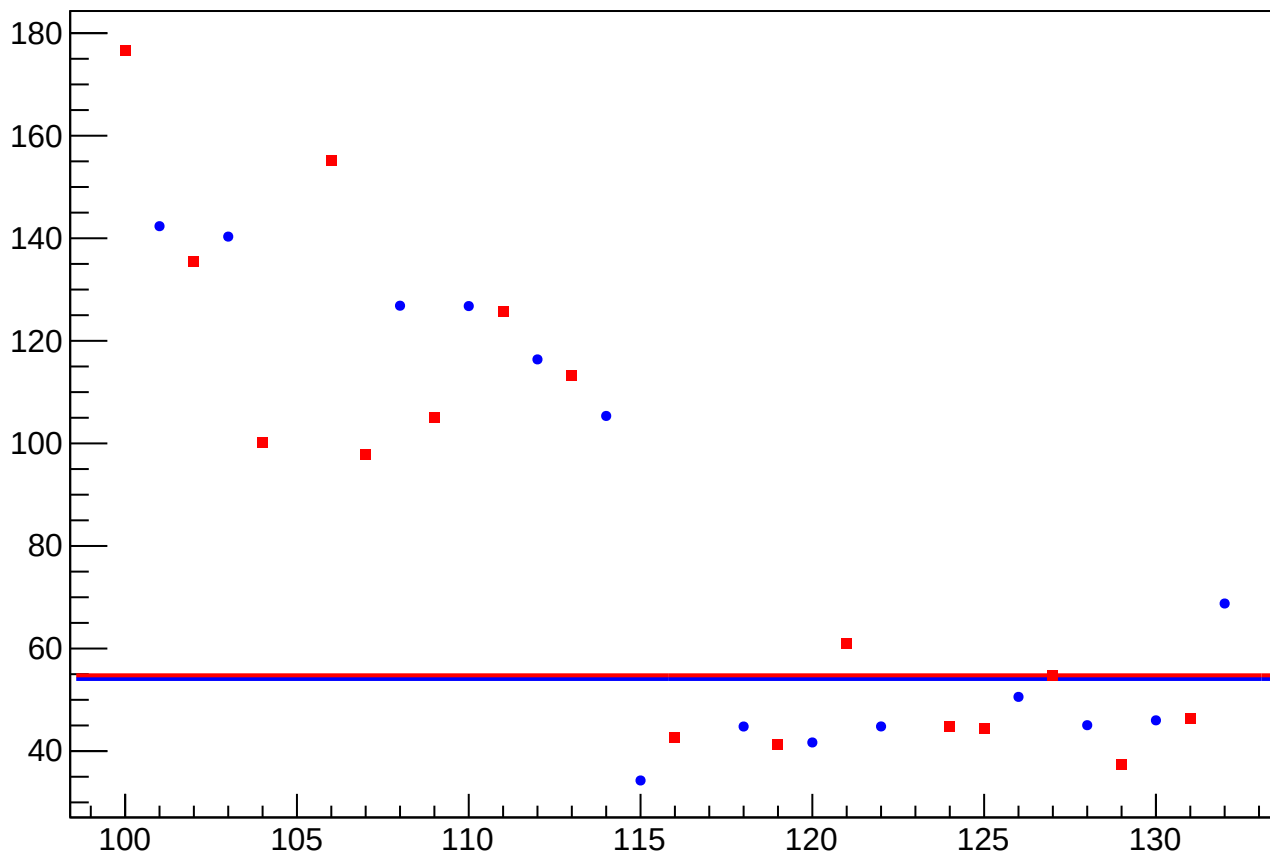
Right: -0.004+/-0.018 χ^2/NDF : 25.2/29

In: 0.005+/-0.025 χ^2/NDF : 12.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.004+/-0.018 χ^2/NDF : 25.2/29

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.069+/-0.018 χ^2 /NDF: 2100512.3/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 54.779+/-0.018 χ^2 /NDF: 2182017.8/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

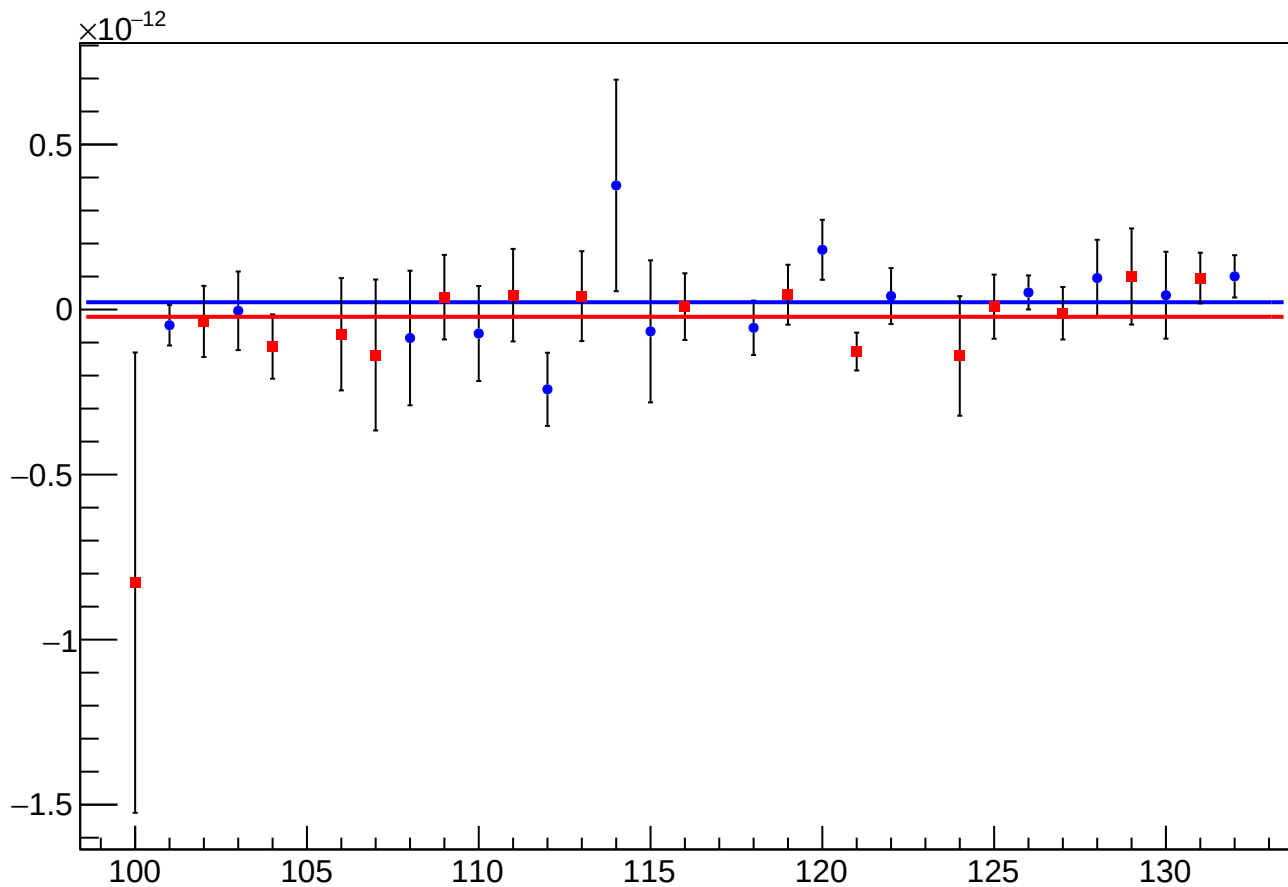
Right: 54.431+/-0.013 χ^2 /NDF: 4283331.7/29

In: 54.069+/-0.018 χ^2 /NDF:2100512.3/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 54.431+/-0.013 χ^2 /NDF: 4283331.7/29

asym_sam_26_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

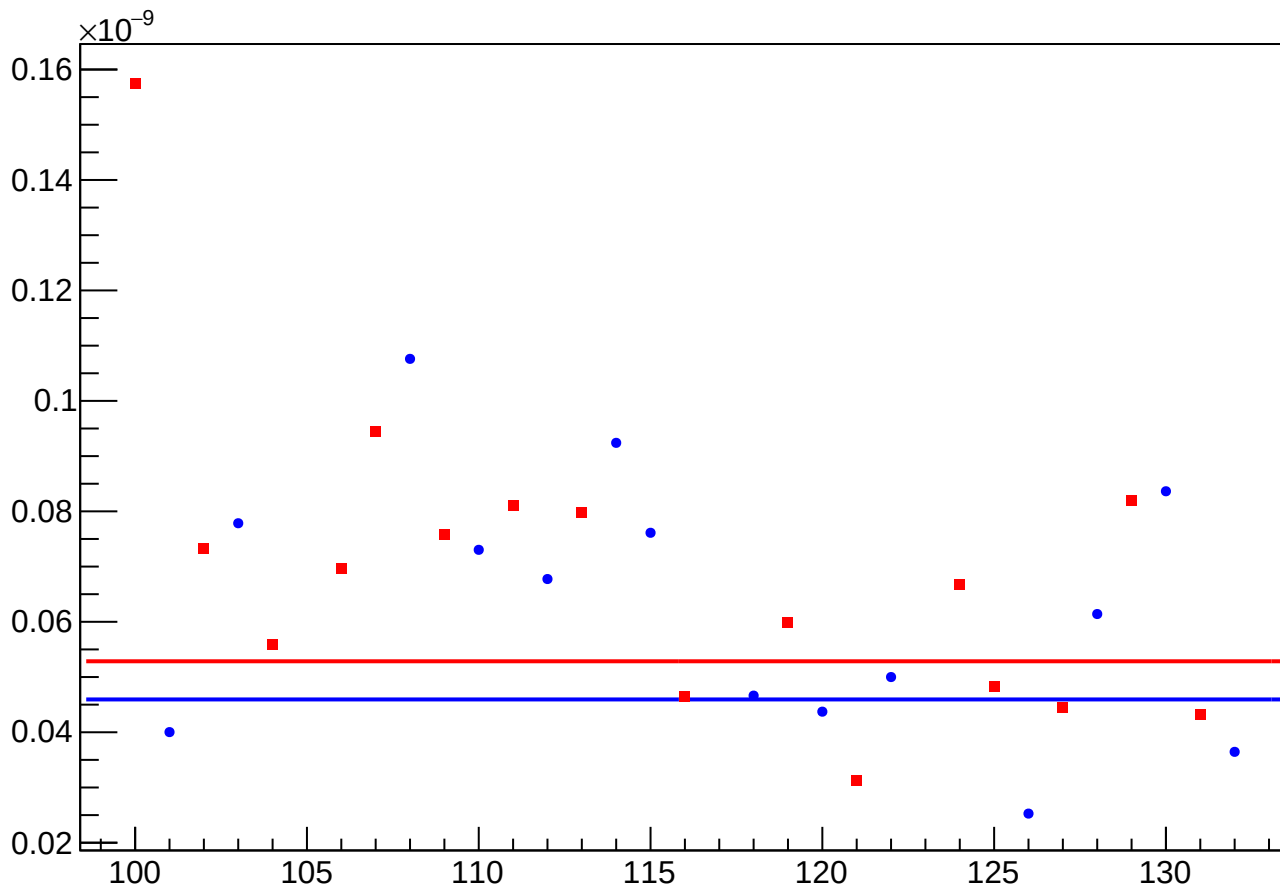
Right: 0.000+/-0.000 χ^2/NDF : 27.7/29

In: 0.000+/-0.000 χ^2/NDF : 15.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.7/29

asym_sam_26_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1145799.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 881322.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

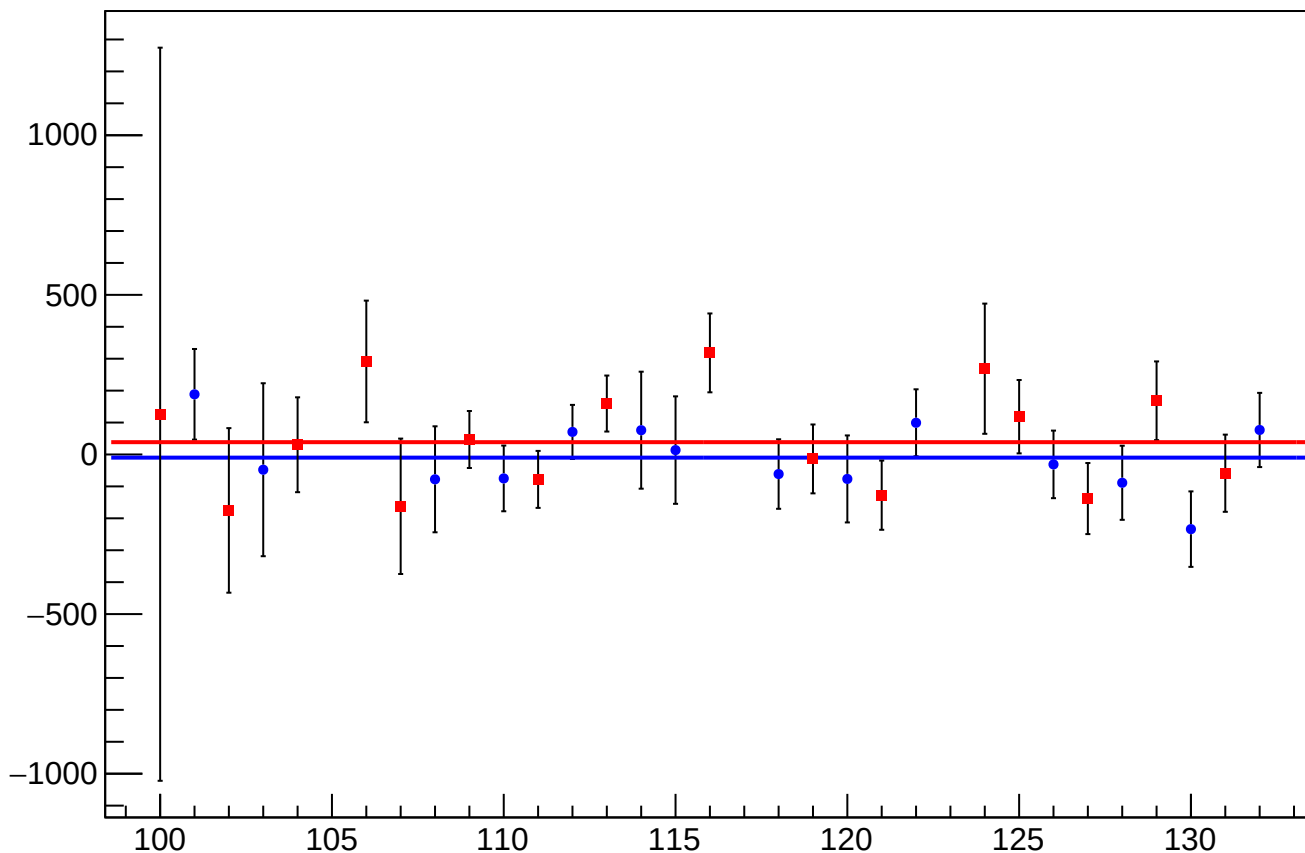
Right: 0.000+/-0.000 χ^2/NDF : 2101400.5/29

In: 0.000+/-0.000 χ^2/NDF : 1145799.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2101400.5/29

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -9.894 ± 32.675 χ^2/NDF : 9.9/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 38.542 ± 30.961 χ^2/NDF : 20.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

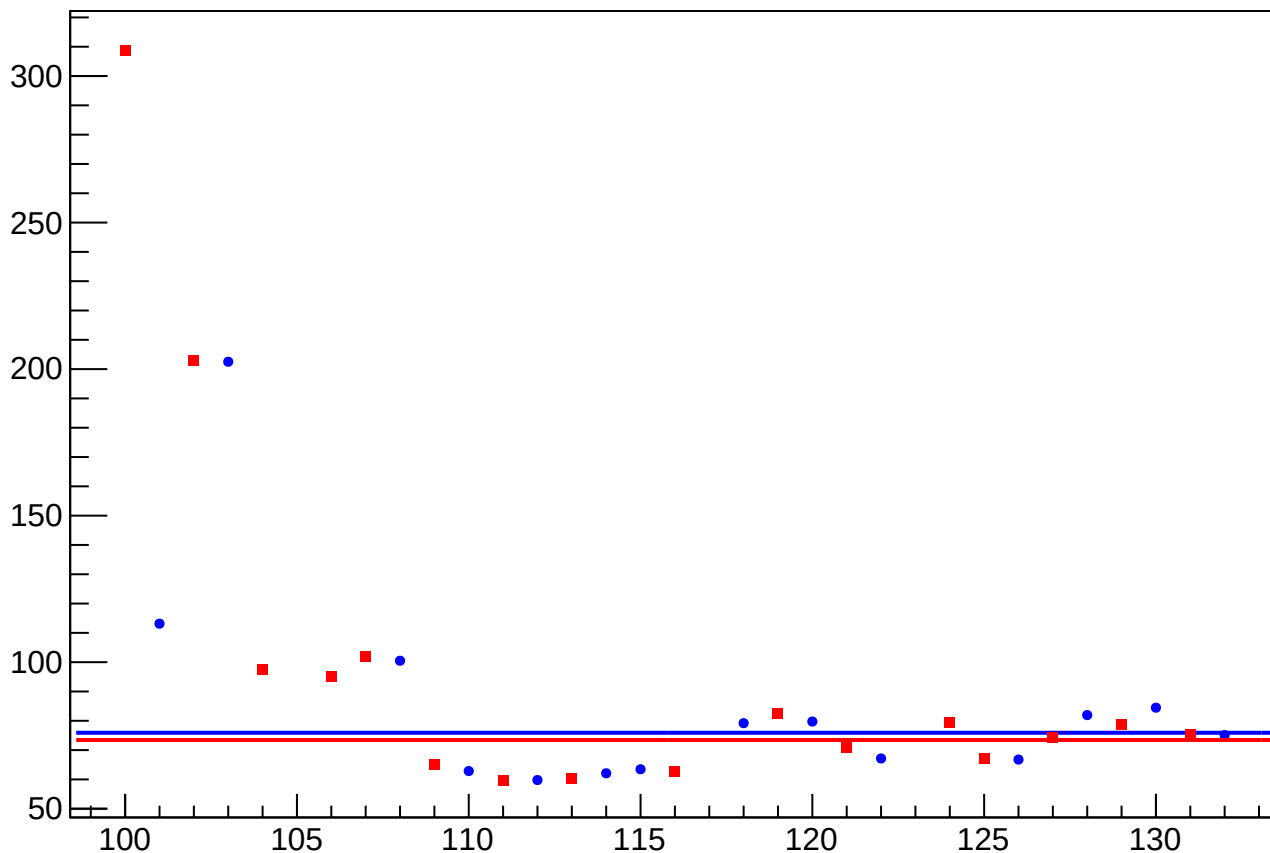
Right: 15.628 ± 22.474 χ^2/NDF : 31.7/29

In: -9.894 ± 32.675 χ^2/NDF : 9.9/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 15.628 ± 22.474 χ^2/NDF : 31.7/29

reg_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 75.918+/-0.023 χ^2/NDF : 793517.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.459+/-0.022 χ^2/NDF : 853763.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

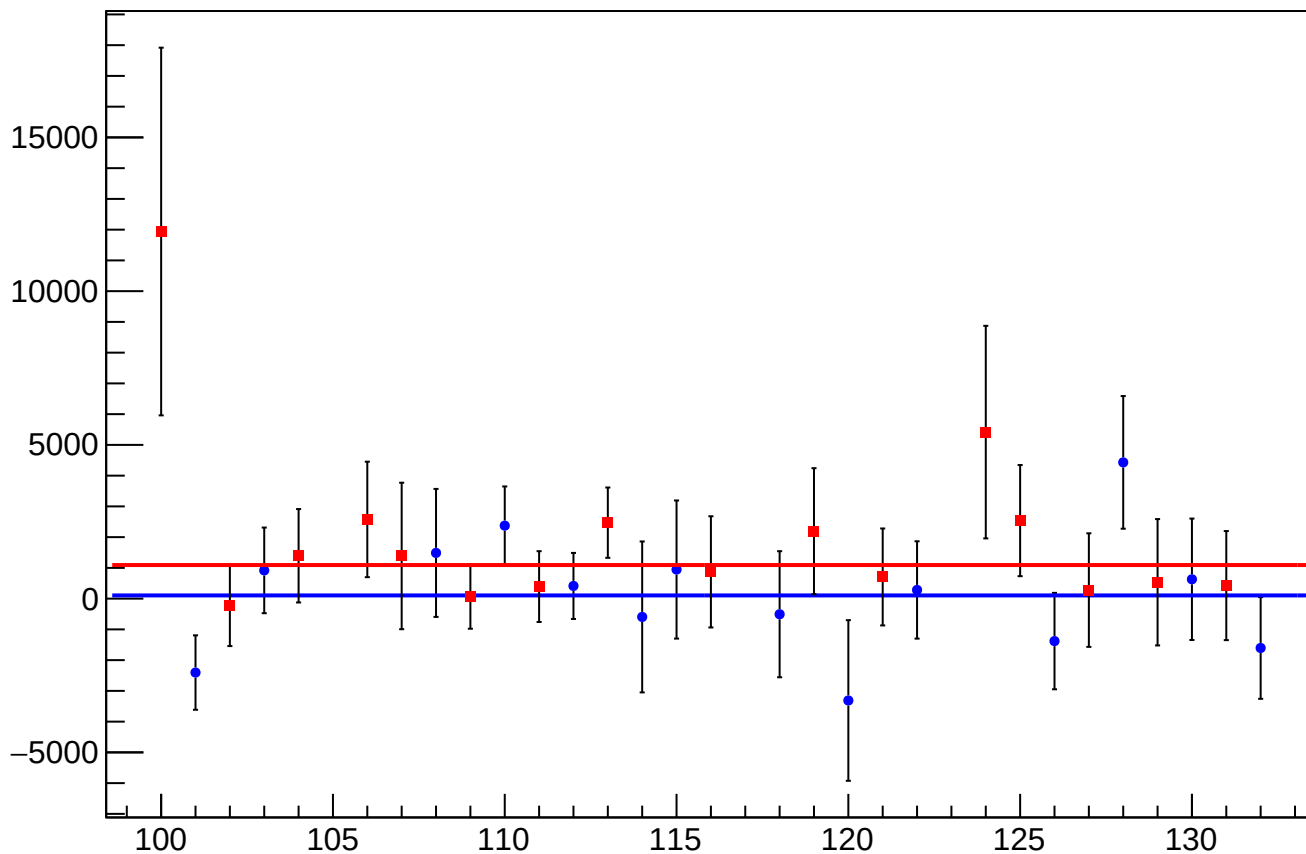
Right: 74.622+/-0.016 χ^2/NDF : 1653247.5/29

In: 75.918+/-0.023 χ^2/NDF : 793517.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.622+/-0.016 χ^2/NDF : 1653247.5/29

asym_sam_37_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 104.419+/-434.299 χ^2/NDF : 16.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1092.619+/-404.499 χ^2/NDF : 10.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

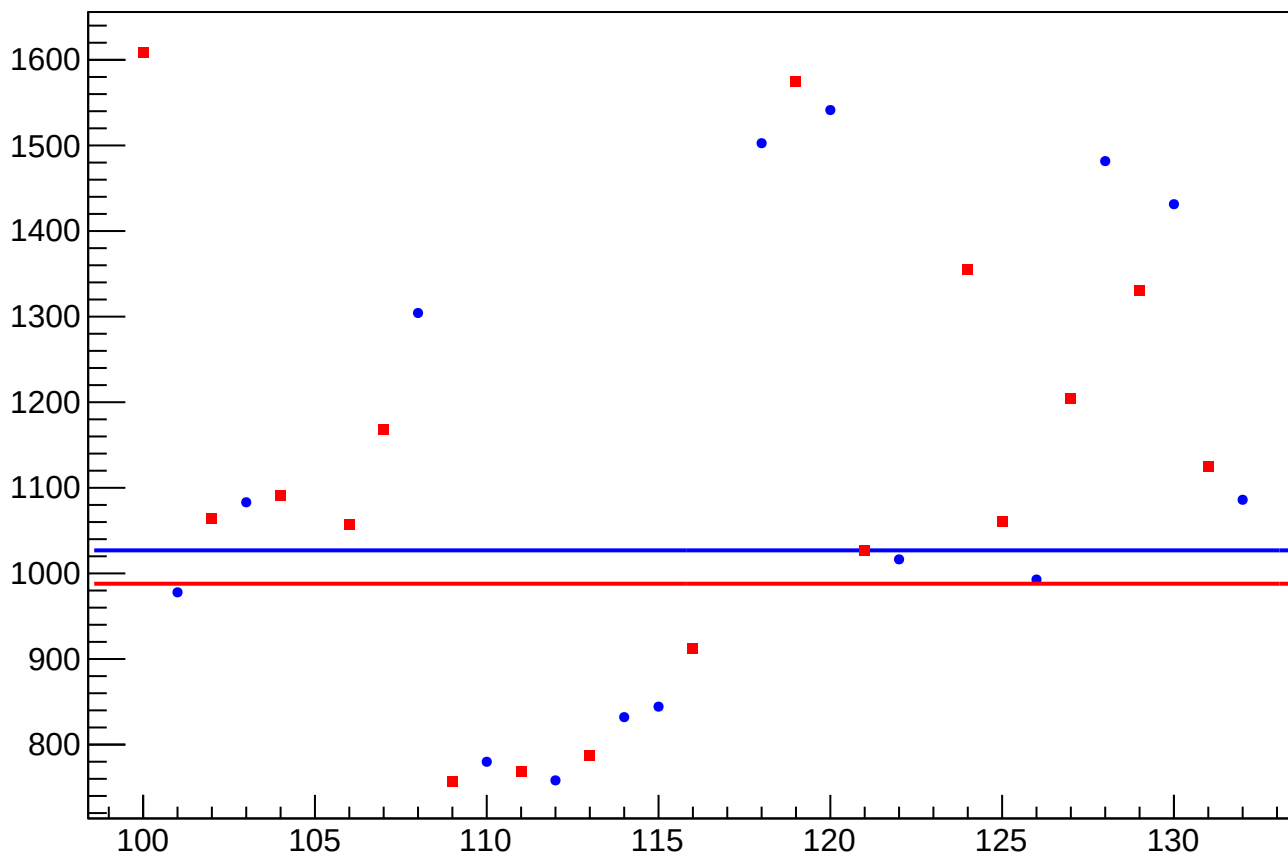
Right: 633.583+/-295.999 χ^2/NDF : 29.9/29

In: 104.419+/-434.299 χ^2/NDF : 16.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 633.583+/-295.999 χ^2/NDF : 29.9/29

asym_sam_37_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1026.915+/-0.307 χ^2/NDF : 629658.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 987.951+/-0.286 χ^2/NDF : 572915.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

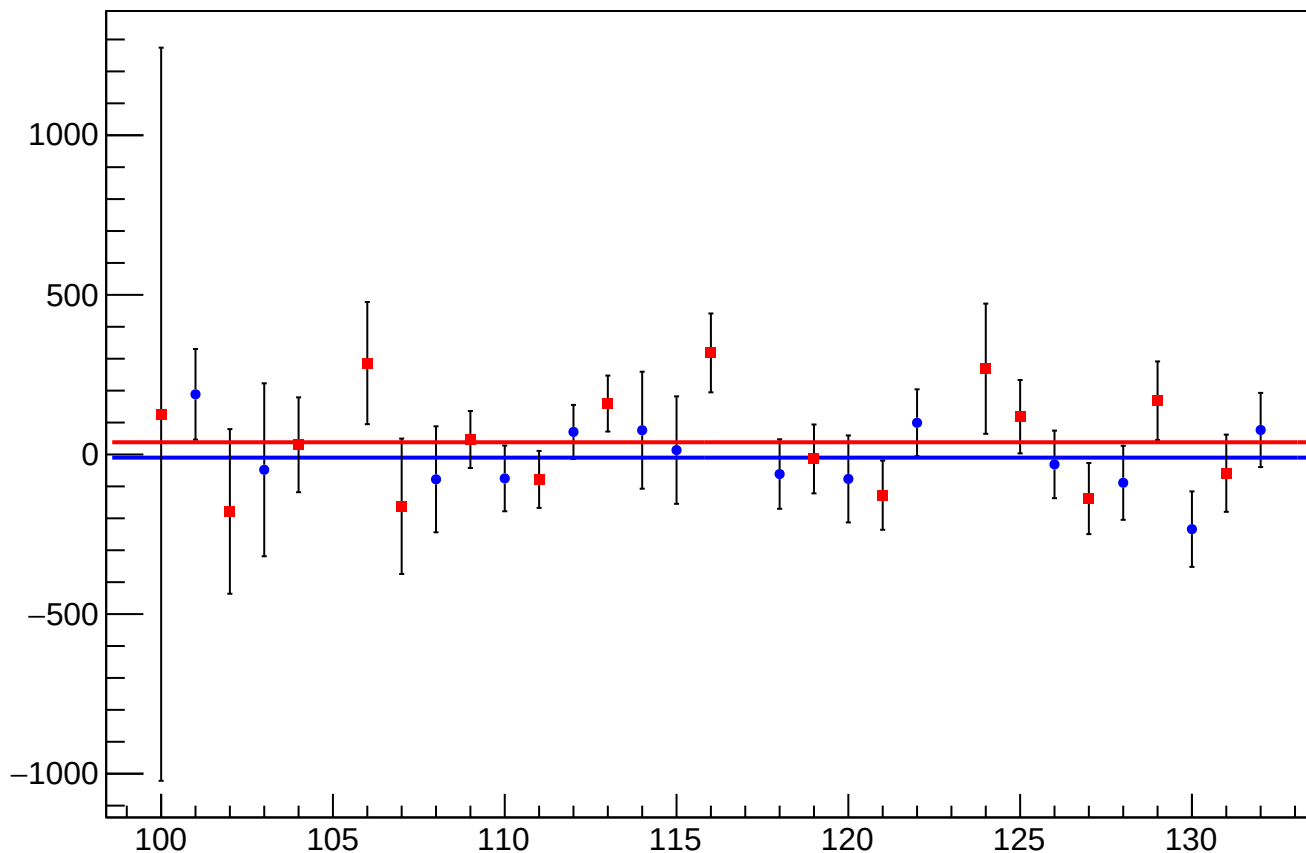
Right: 1006.050+/-0.209 χ^2/NDF : 1211194.3/29

In: 1026.915+/-0.307 χ^2/NDF : 629658.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1006.050+/-0.209 χ^2/NDF : 1211194.3/29

cor_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -9.905+/-32.675 χ^2/NDF : 9.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.304+/-30.965 χ^2/NDF : 20.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

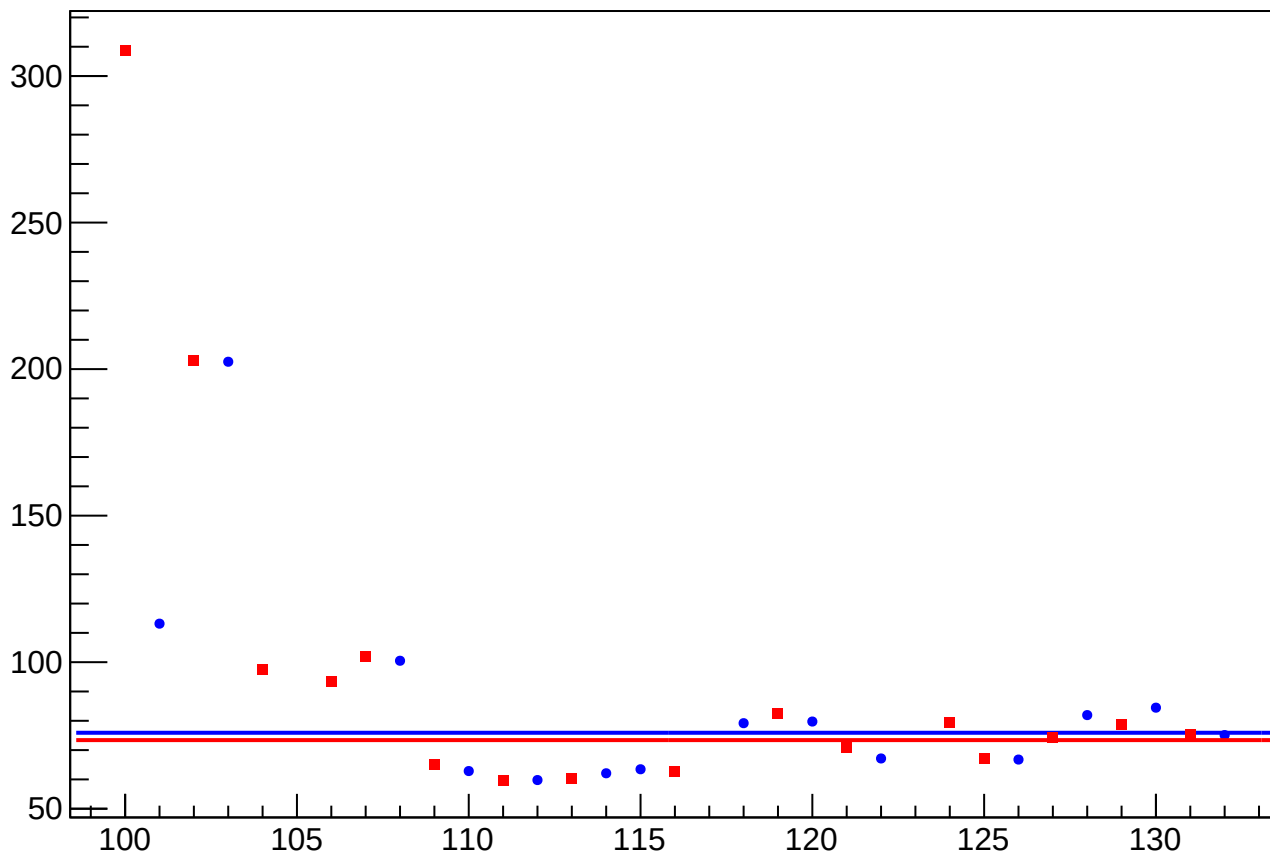
Right: 15.494+/-22.476 χ^2/NDF : 31.7/29

In: -9.905+/-32.675 χ^2/NDF : 9.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.494+/-22.476 χ^2/NDF : 31.7/29

cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 75.918+/-0.023 χ^2/NDF : 793519.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.409+/-0.022 χ^2/NDF : 849903.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

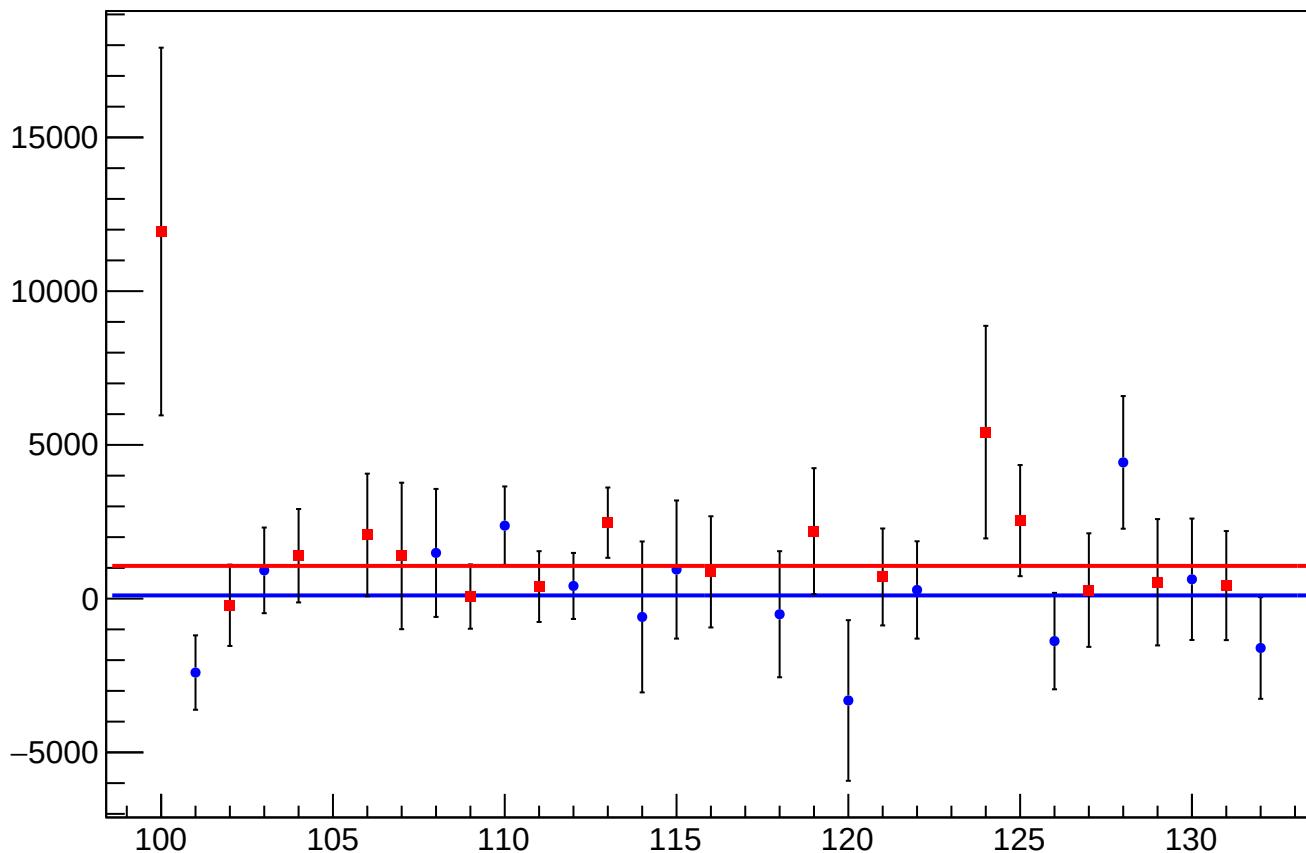
Right: 74.596+/-0.016 χ^2/NDF : 1649632.7/29

In: 75.918+/-0.023 χ^2/NDF : 793519.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.596+/-0.016 χ^2/NDF : 1649632.7/29

asym_sam_37_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 104.444 $\pm$ 434.303 χ^2 /NDF: 16.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1064.731 $\pm$ 405.594 χ^2 /NDF: 10.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

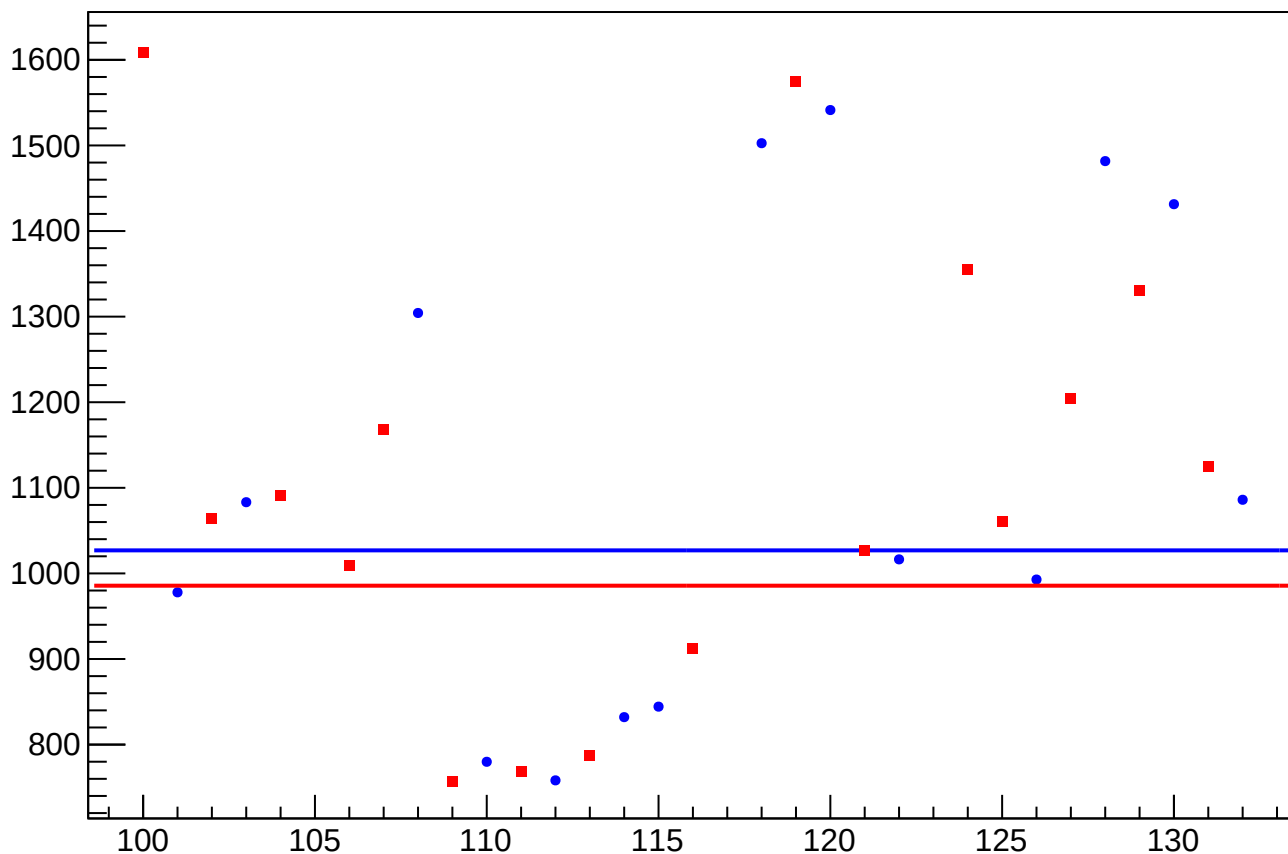
Right: 617.373 $\pm$ 296.429 χ^2 /NDF: 29.4/29

In: 104.444 $\pm$ 434.303 χ^2 /NDF:16.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 617.373 $\pm$ 296.429 χ^2 /NDF: 29.4/29

asym_sam_37_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1026.924+/-0.307 χ^2/NDF : 629671.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 985.654+/-0.287 χ^2/NDF : 570472.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

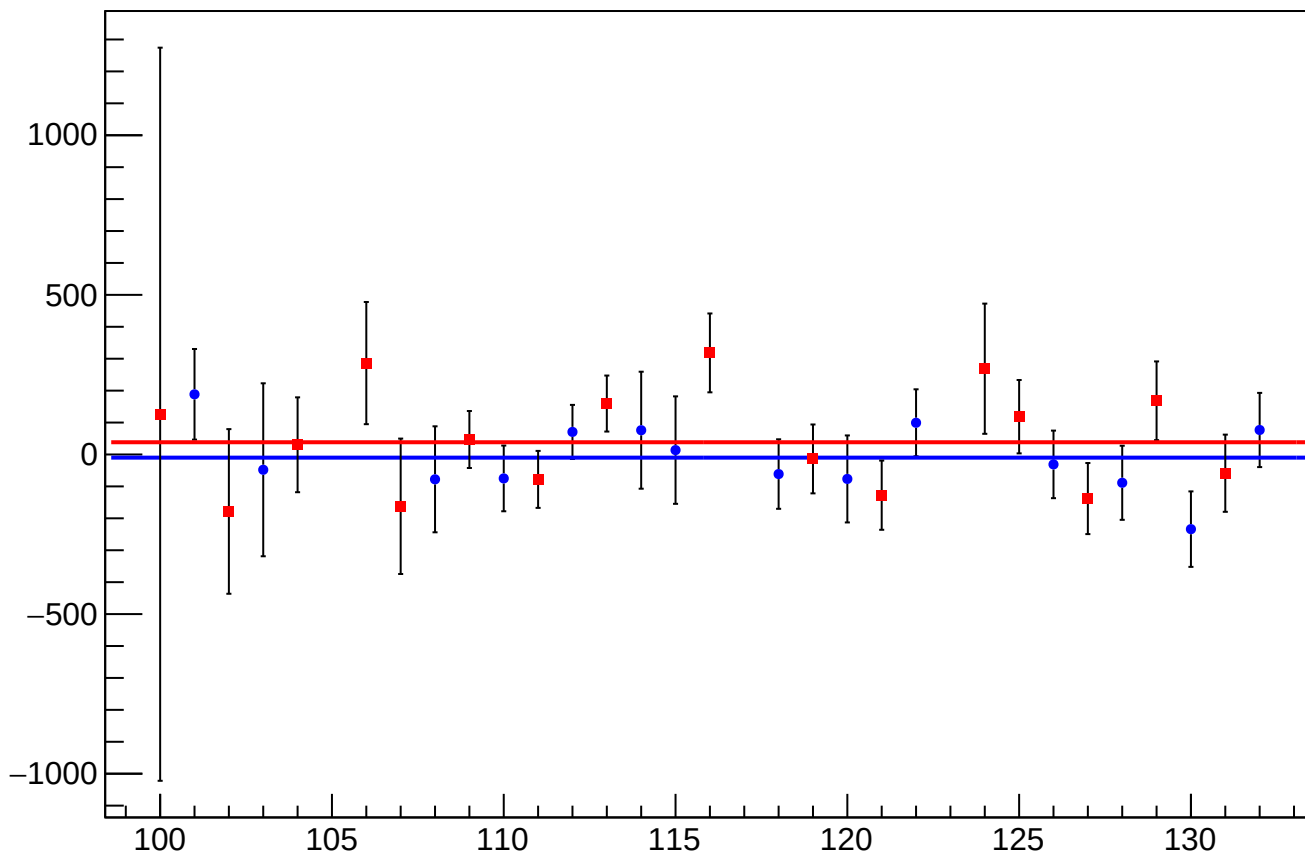
Right: 1004.880+/-0.210 χ^2/NDF : 1209791.0/29

In: 1026.924+/-0.307 χ^2/NDF : 629671.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1004.880+/-0.210 χ^2/NDF : 1209791.0/29

eigen_cor_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -9.905+/-32.675 χ^2/NDF : 9.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.304+/-30.965 χ^2/NDF : 20.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

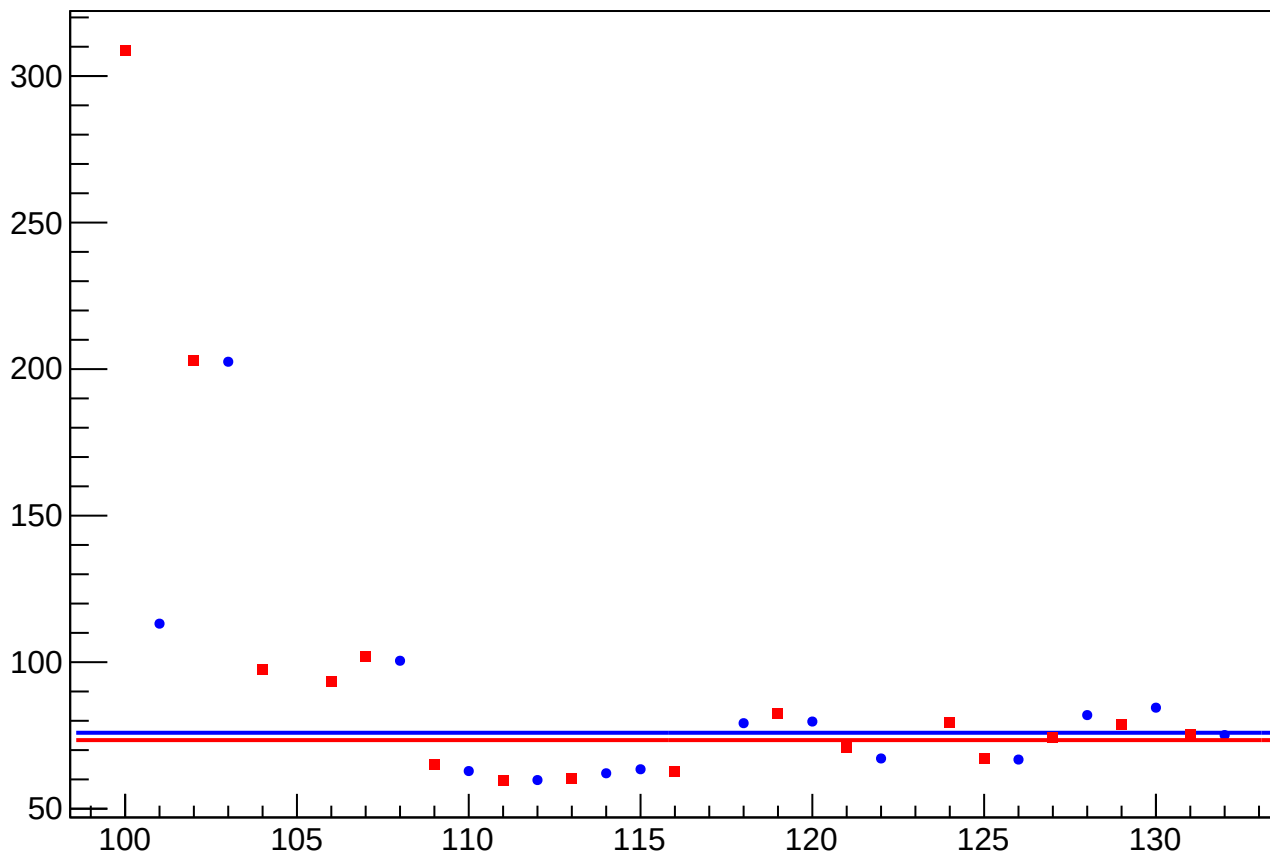
Right: 15.494+/-22.476 χ^2/NDF : 31.7/29

In: -9.905+/-32.675 χ^2/NDF : 9.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.494+/-22.476 χ^2/NDF : 31.7/29

eigen_cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 75.918+/-0.023 χ^2/NDF : 793519.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.409+/-0.022 χ^2/NDF : 849903.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

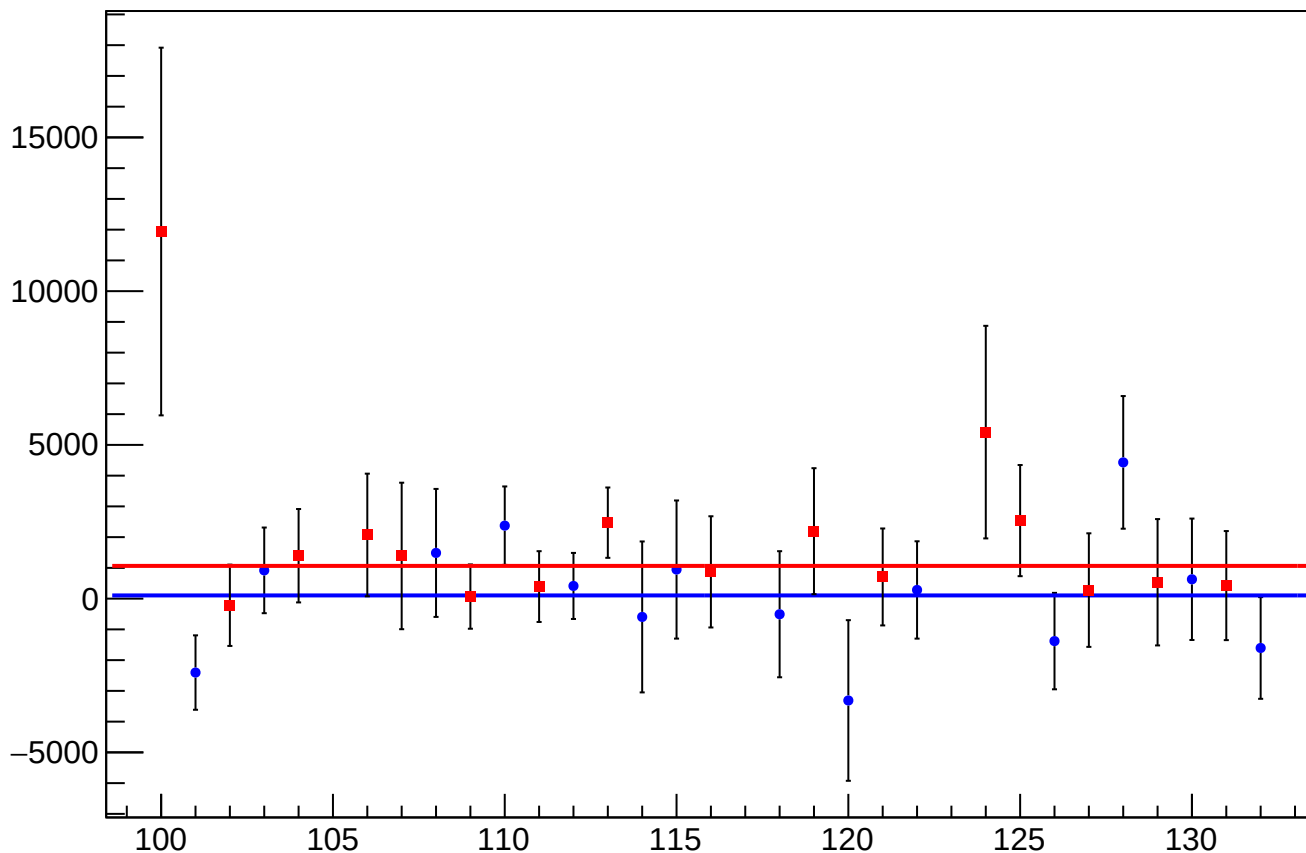
Right: 74.596+/-0.016 χ^2/NDF : 1649632.7/29

In: 75.918+/-0.023 χ^2/NDF : 793519.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.596+/-0.016 χ^2/NDF : 1649632.7/29

asym_sam_37_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 104.444 $\pm$ 434.303 χ^2 /NDF: 16.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1064.731 $\pm$ 405.594 χ^2 /NDF: 10.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

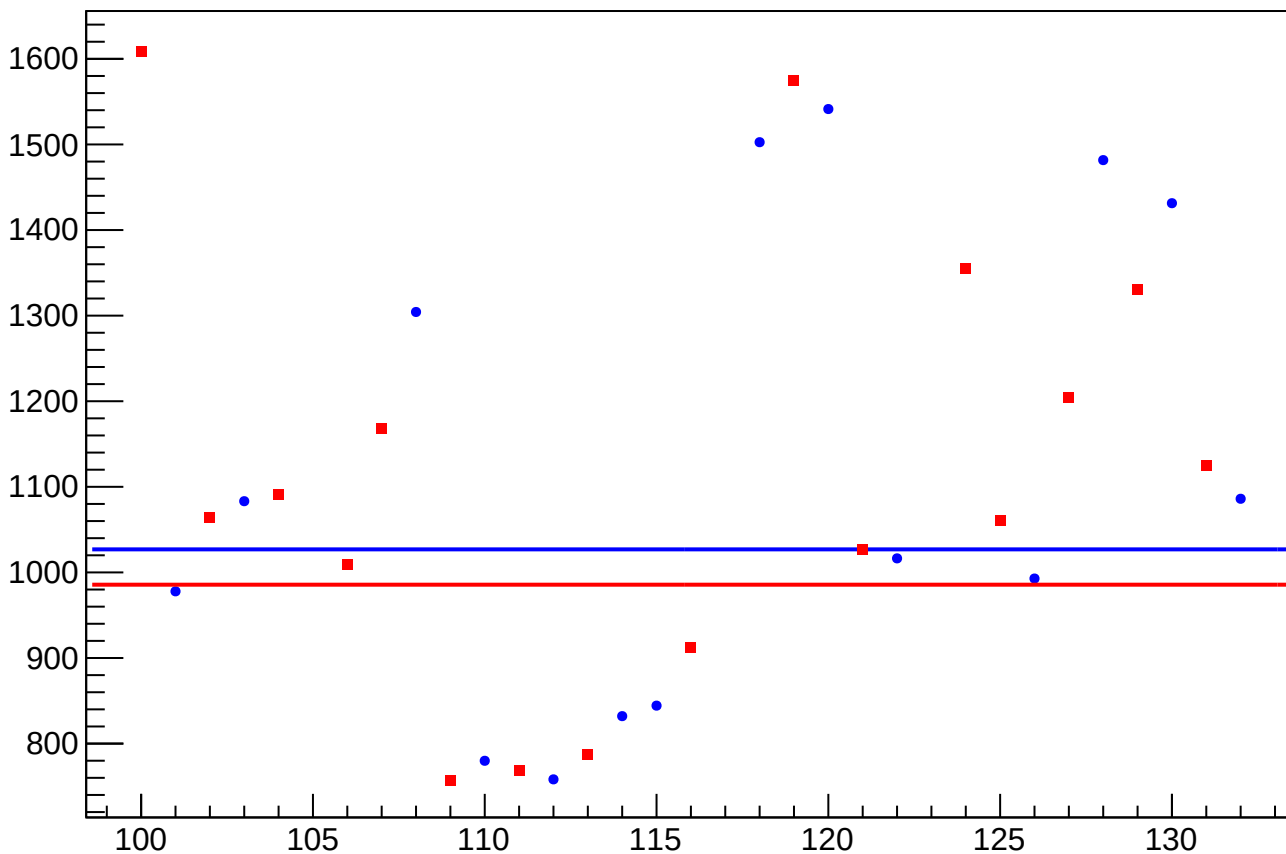
Right: 617.373 $\pm$ 296.429 χ^2 /NDF: 29.4/29

In: 104.444 $\pm$ 434.303 χ^2 /NDF:16.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 617.373 $\pm$ 296.429 χ^2 /NDF: 29.4/29

asym_sam_37_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1026.924+/-0.307 χ^2/NDF : 629671.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 985.654+/-0.287 χ^2/NDF : 570472.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

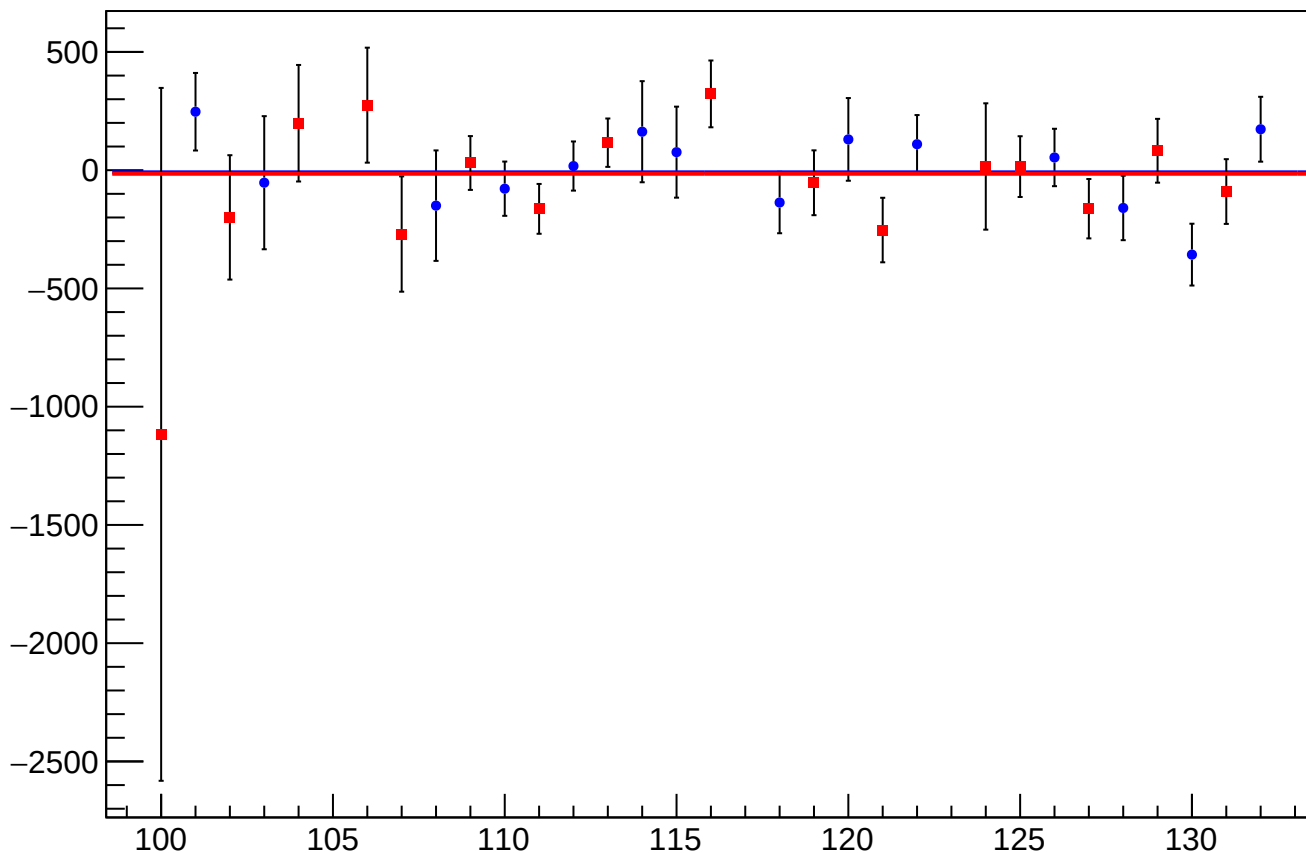
Right: 1004.880+/-0.210 χ^2/NDF : 1209791.0/29

In: 1026.924+/-0.307 χ^2/NDF : 629671.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1004.880+/-0.210 χ^2/NDF : 1209791.0/29

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -9.150+/-38.437 χ^2/NDF : 17.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.131+/-36.973 χ^2/NDF : 19.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

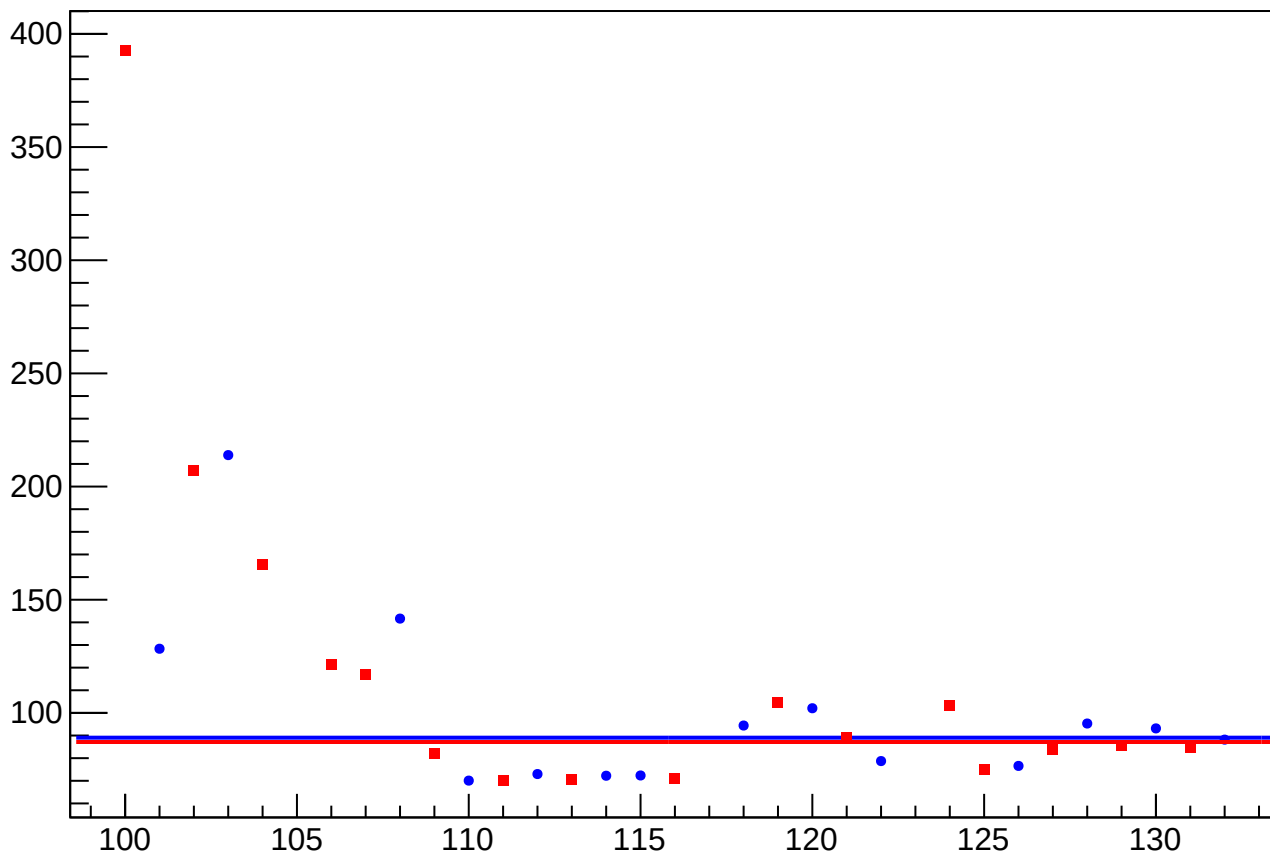
Right: -12.257+/-26.646 χ^2/NDF : 36.2/29

In: -9.150+/-38.437 χ^2/NDF : 17.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.257+/-26.646 χ^2/NDF : 36.2/29

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 89.054+/-0.027 χ^2/NDF : 795842.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.143+/-0.026 χ^2/NDF : 972270.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

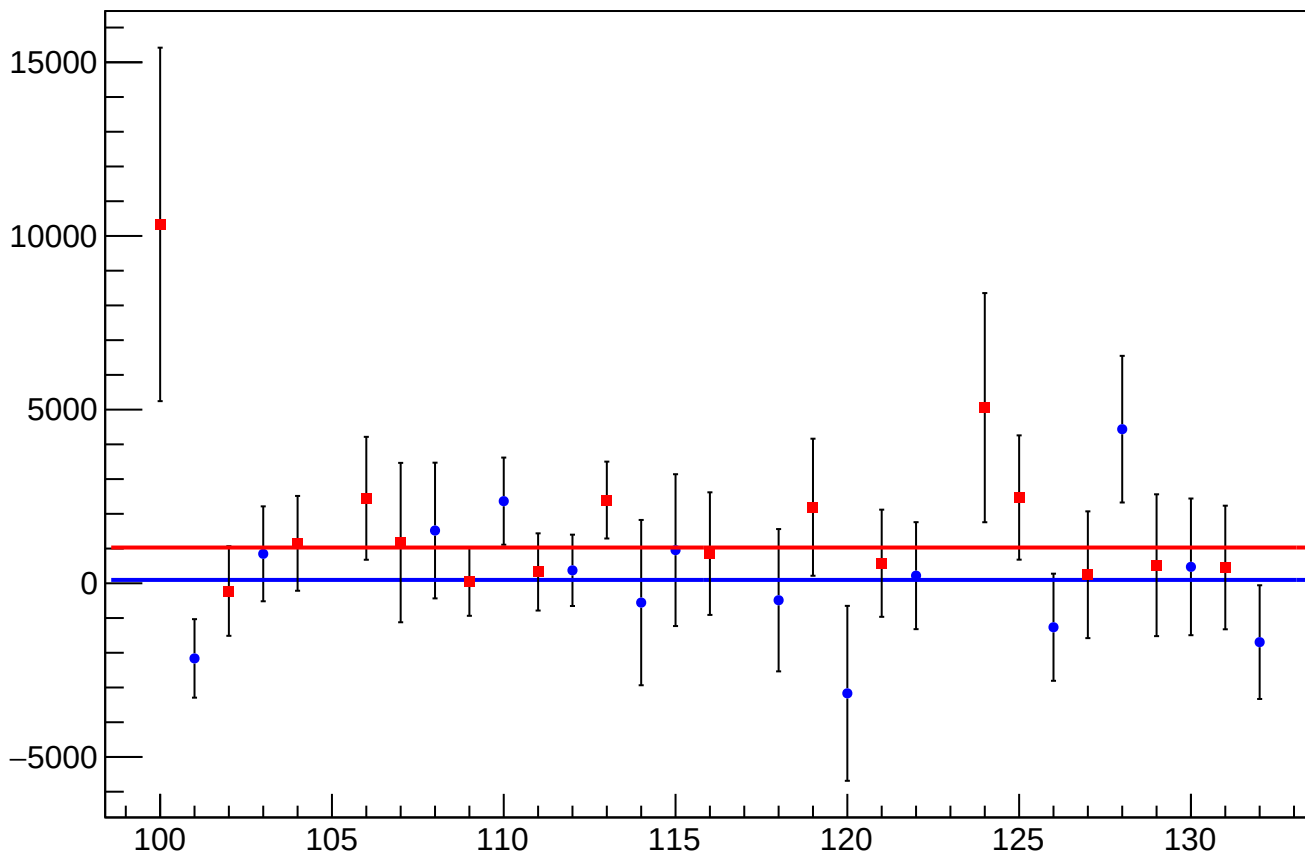
Right: 88.061+/-0.019 χ^2/NDF : 1770681.8/29

In: 89.054+/-0.027 χ^2/NDF : 795842.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.061+/-0.019 χ^2/NDF : 1770681.8/29

asym_sam_37_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 97.232 $\pm$ 420.915 χ^2 /NDF: 16.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1029.795 $\pm$ 388.809 χ^2 /NDF: 10.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

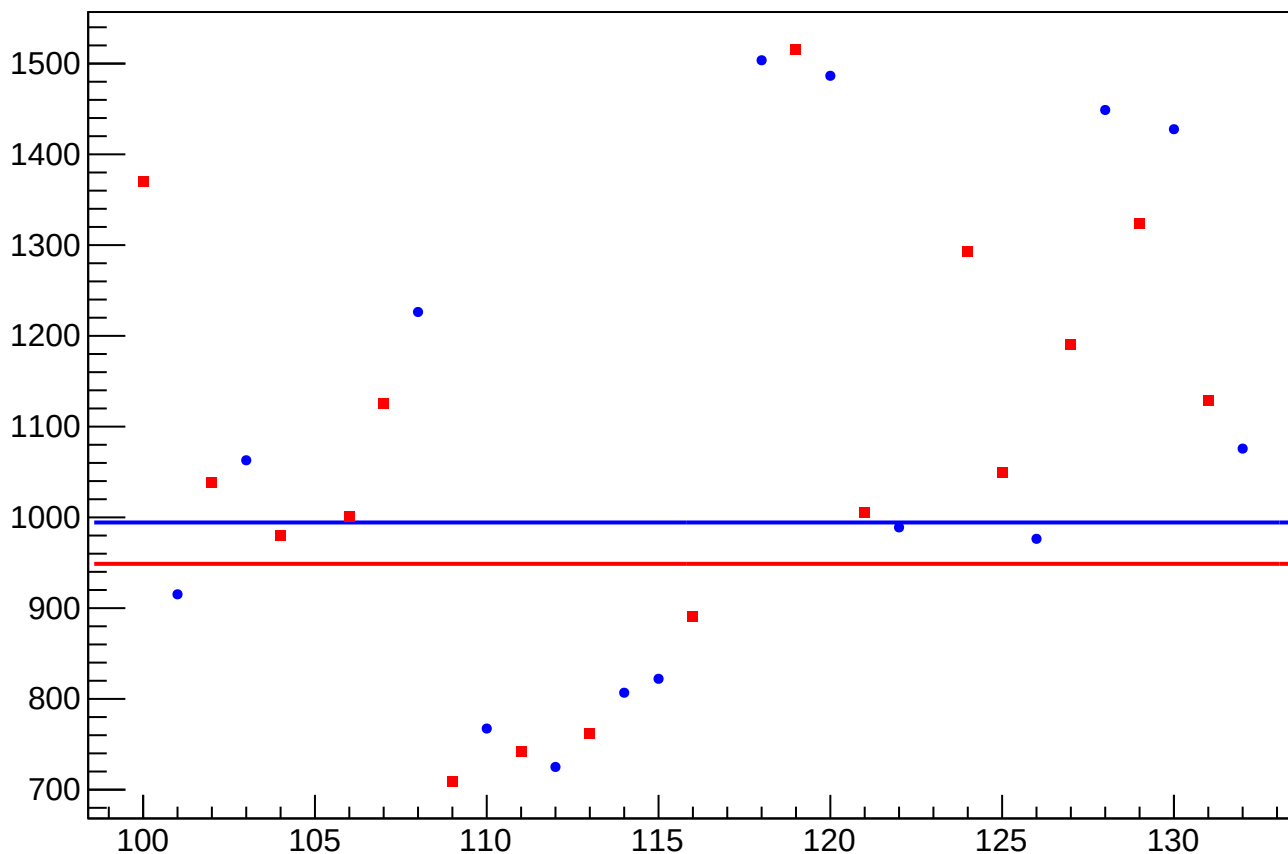
Right: 600.432 $\pm$ 285.606 χ^2 /NDF: 29.9/29

In: 97.232 $\pm$ 420.915 χ^2 /NDF:16.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 600.432 $\pm$ 285.606 χ^2 /NDF: 29.9/29

asym_sam_37_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 994.389+/-0.298 χ^2/NDF : 665869.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 948.820+/-0.275 χ^2/NDF : 605081.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

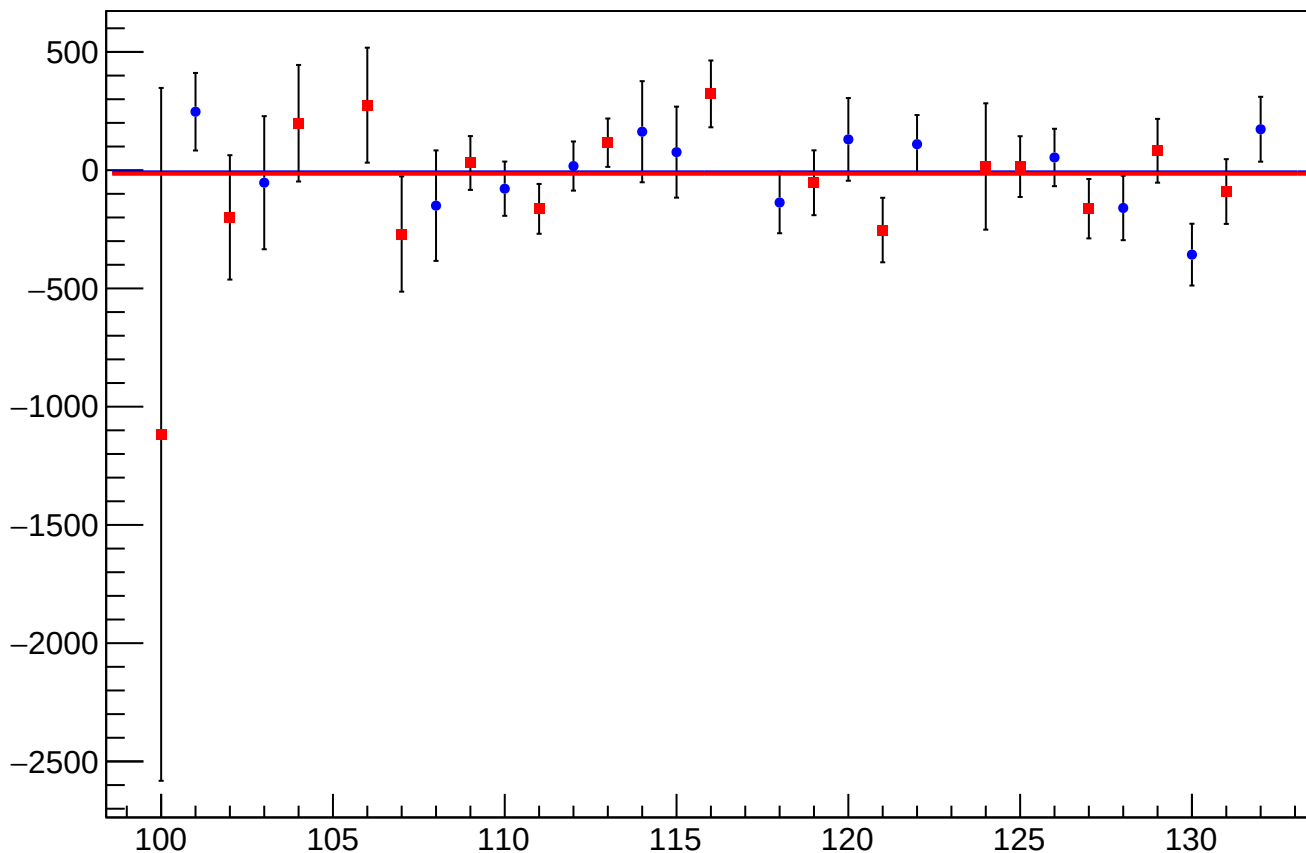
Right: 969.800+/-0.202 χ^2/NDF : 1283600.4/29

In: 994.389+/-0.298 χ^2/NDF : 665869.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 969.800+/-0.202 χ^2/NDF : 1283600.4/29

eigen_dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -9.151 ± 38.437 χ^2/NDF : 17.0/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -15.134 ± 36.973 χ^2/NDF : 19.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

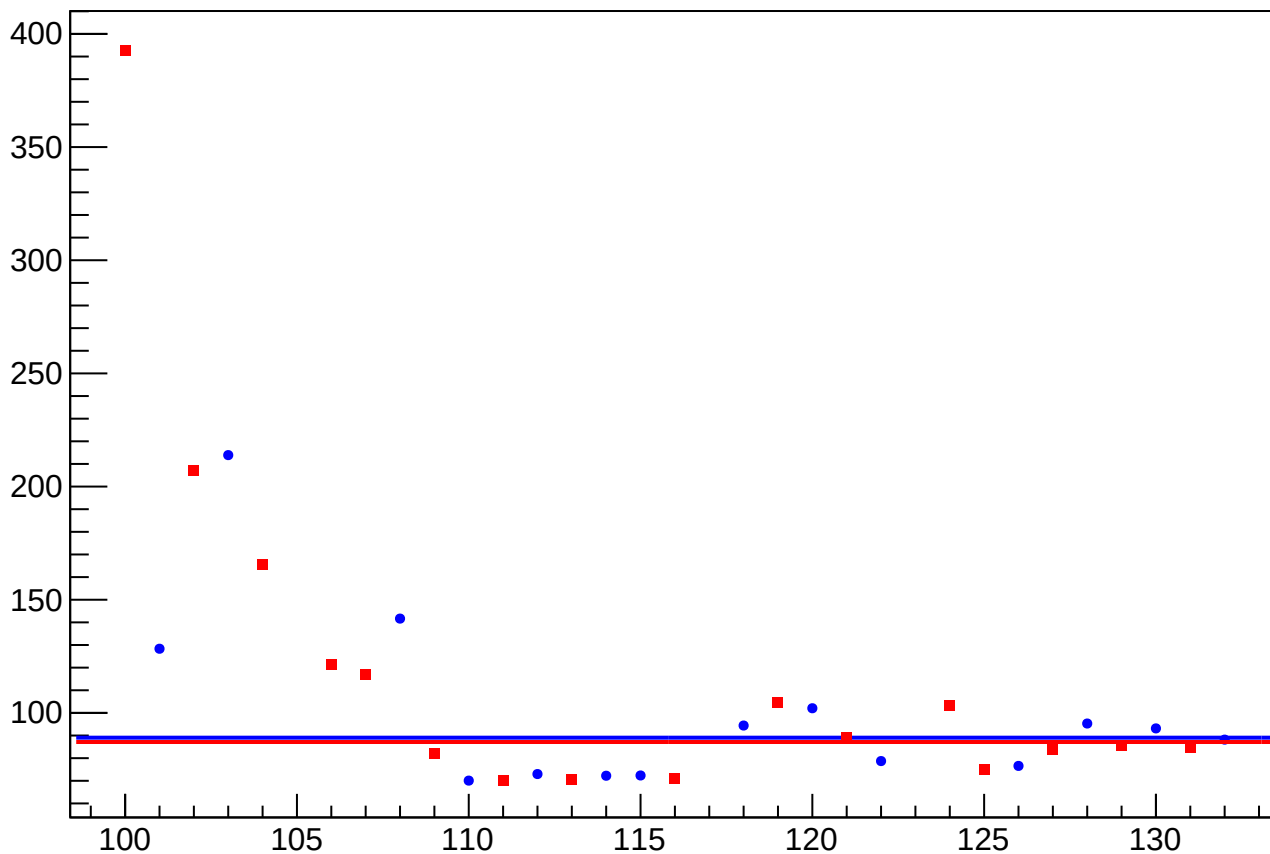
Right: -12.259 ± 26.646 χ^2/NDF : 36.2/29

In: -9.151 ± 38.437 χ^2/NDF : 17.0/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -12.259 ± 26.646 χ^2/NDF : 36.2/29

eigen_dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 89.055+/-0.027 χ^2/NDF : 795827.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.143+/-0.026 χ^2/NDF : 972262.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

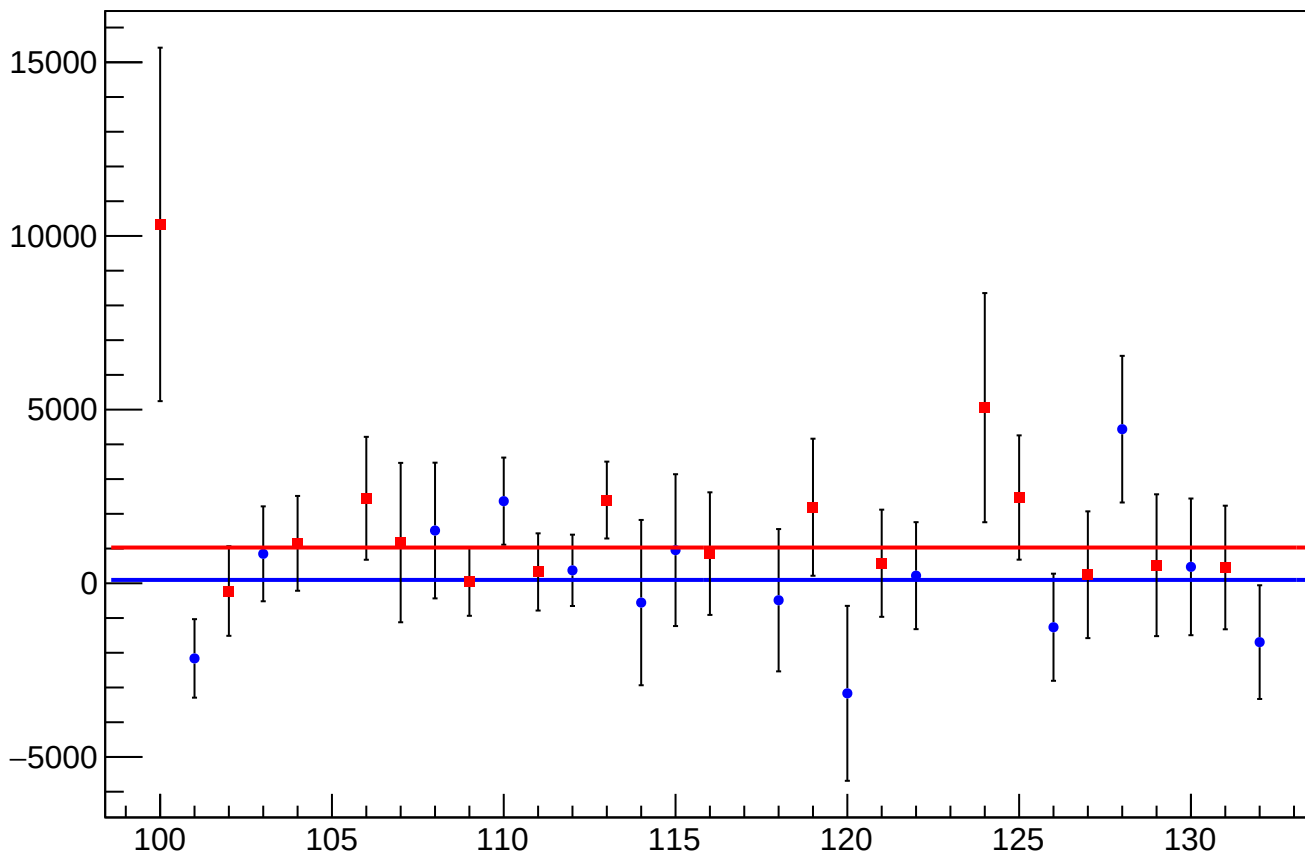
Right: 88.062+/-0.019 χ^2/NDF : 1770658.9/29

In: 89.055+/-0.027 χ^2/NDF : 795827.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.062+/-0.019 χ^2/NDF : 1770658.9/29

asym_sam_37_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 97.232+/-420.914 χ^2/NDF : 16.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1029.793+/-388.808 χ^2/NDF : 10.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

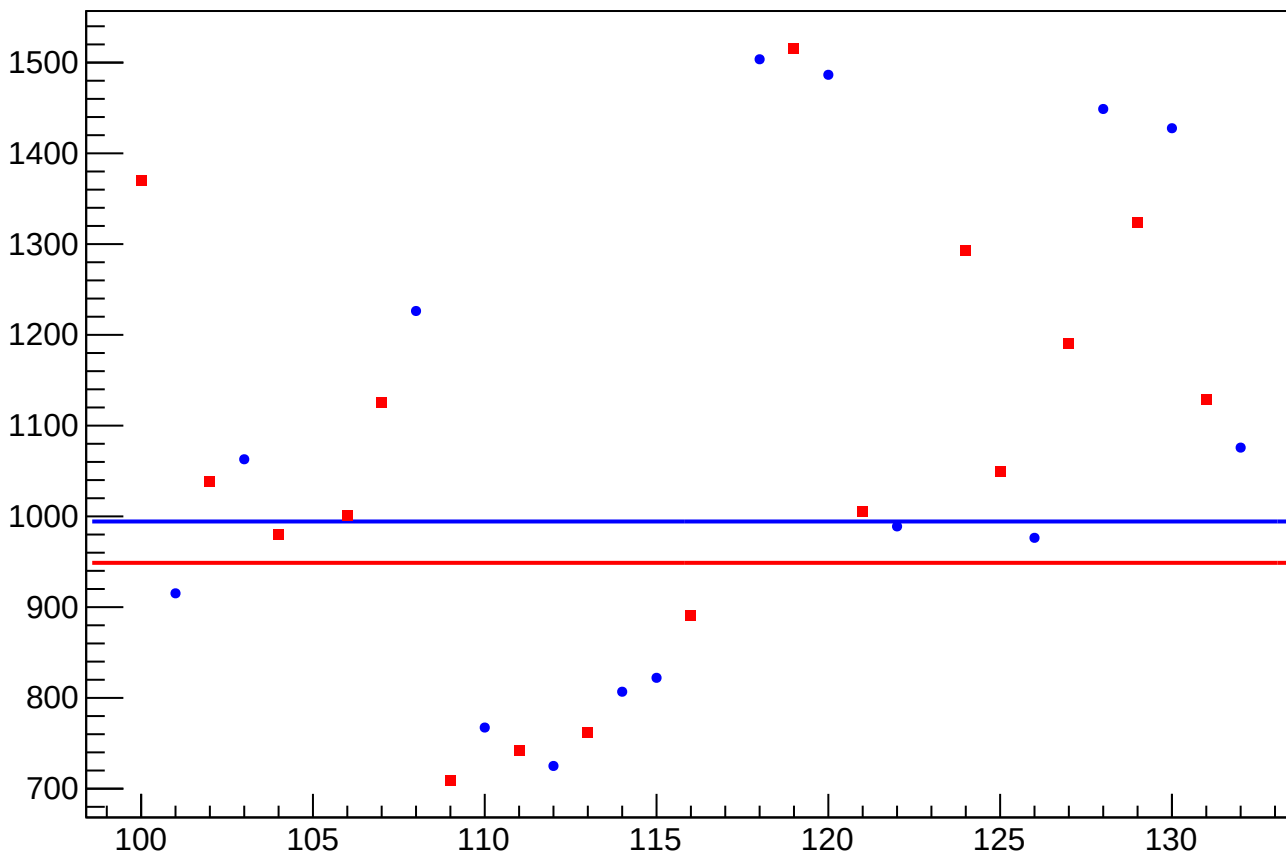
Right: 600.431+/-285.606 χ^2/NDF : 29.9/29

In: 97.232+/-420.914 χ^2/NDF : 16.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 600.431+/-285.606 χ^2/NDF : 29.9/29

asym_sam_37_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 994.387+/-0.298 χ^2/NDF : 665874.9/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 948.817+/-0.275 χ^2/NDF : 605082.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

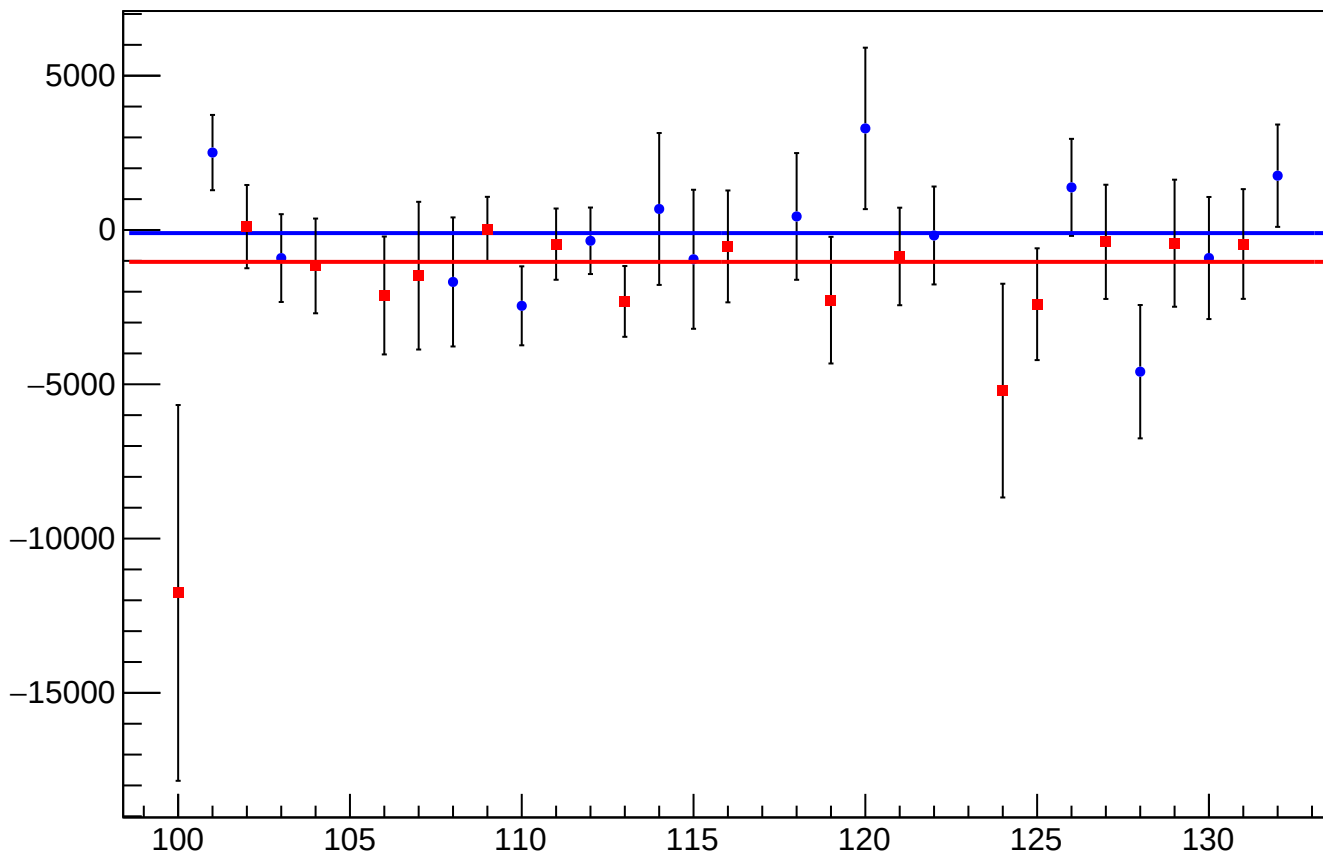
Right: 969.798+/-0.202 χ^2/NDF : 1283606.1/29

In: 994.387+/-0.298 χ^2/NDF :665874.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 969.798+/-0.202 χ^2/NDF : 1283606.1/29

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -100.421+/-436.561 χ^2/NDF : 17.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1032.923+/-406.844 χ^2/NDF : 9.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

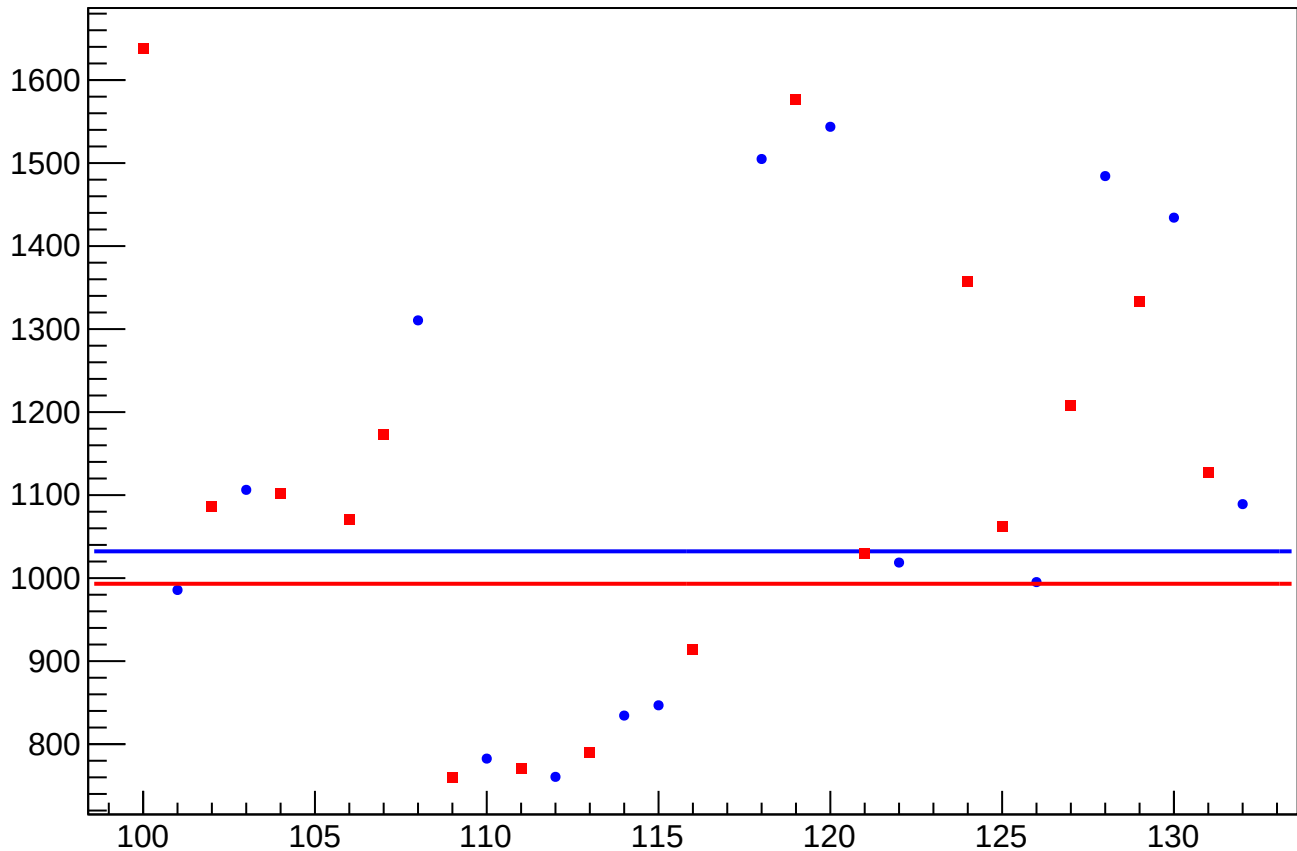
Right: -599.488+/-297.634 χ^2/NDF : 29.5/29

In: -100.421+/-436.561 χ^2/NDF : 17.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -599.488+/-297.634 χ^2/NDF : 29.5/29

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 1032.271+/-0.309 χ^2/NDF : 629583.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 993.194+/-0.288 χ^2/NDF : 577184.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

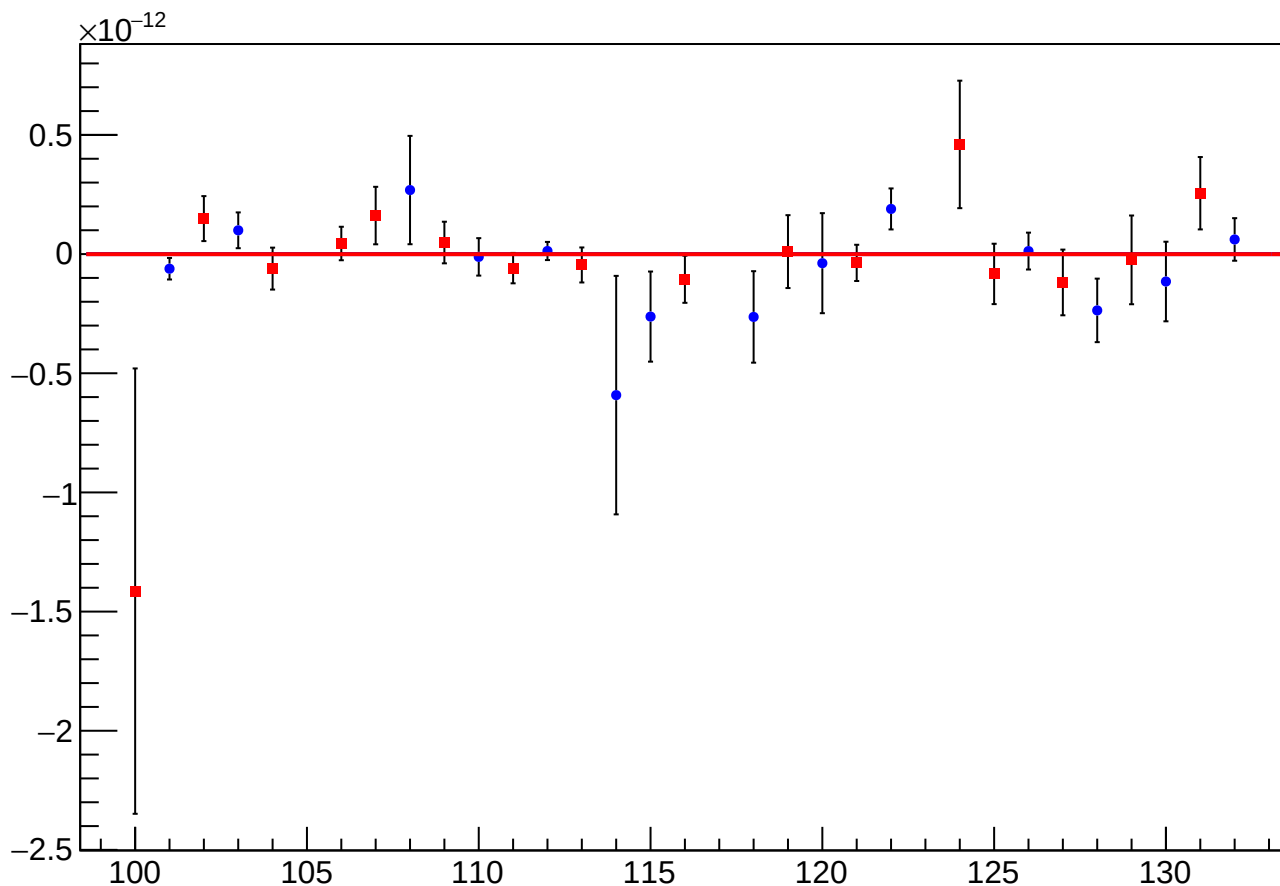
Right: 1011.357+/-0.210 χ^2/NDF : 1215344.3/29

In: 1032.271+/-0.309 χ^2/NDF : 629583.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1011.357+/-0.210 χ^2/NDF : 1215344.3/29

asym_sam_37_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 19.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

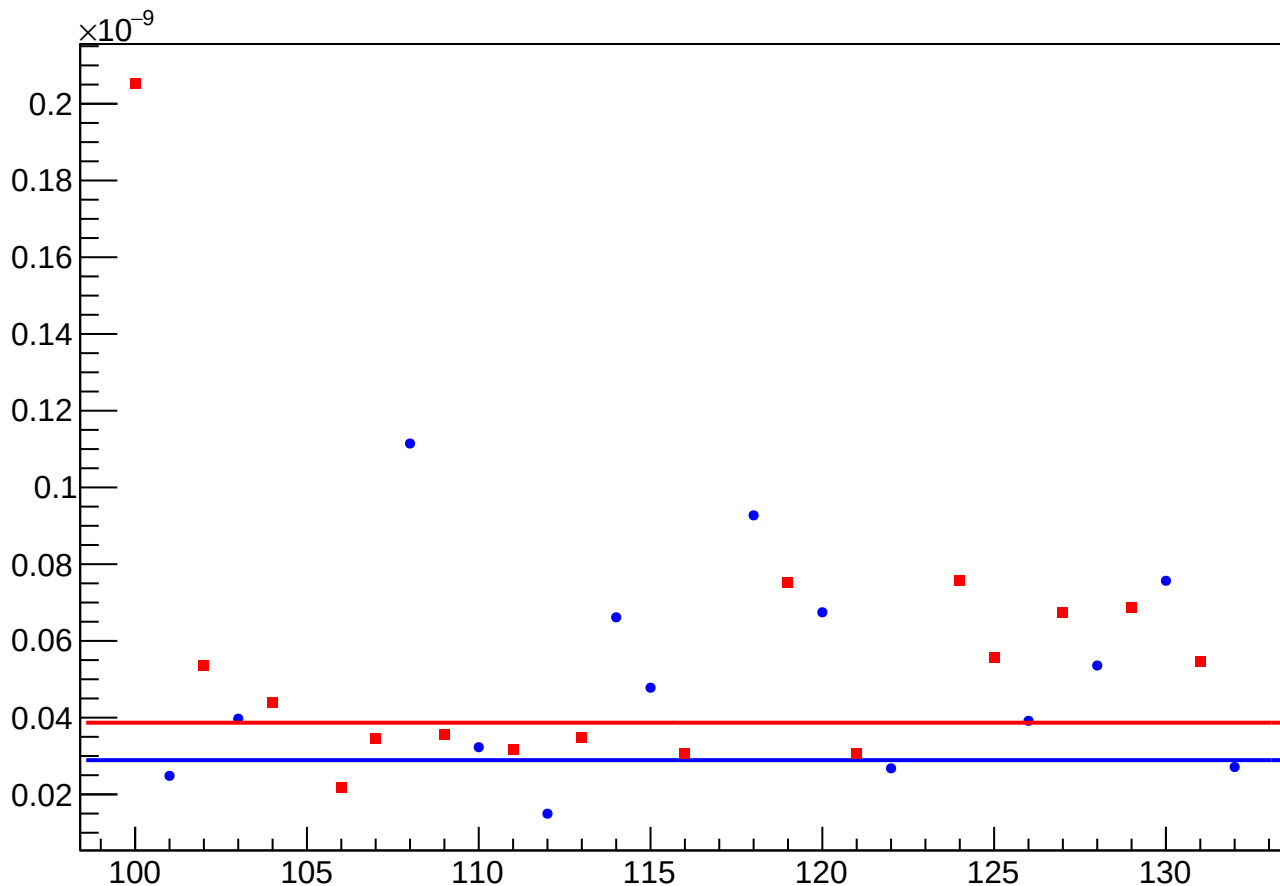
Right: -0.000+/-0.000 χ^2/NDF : 36.7/29

In: 0.000+/-0.000 χ^2/NDF : 19.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 36.7/29

asym_sam_37_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1175579.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 655553.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

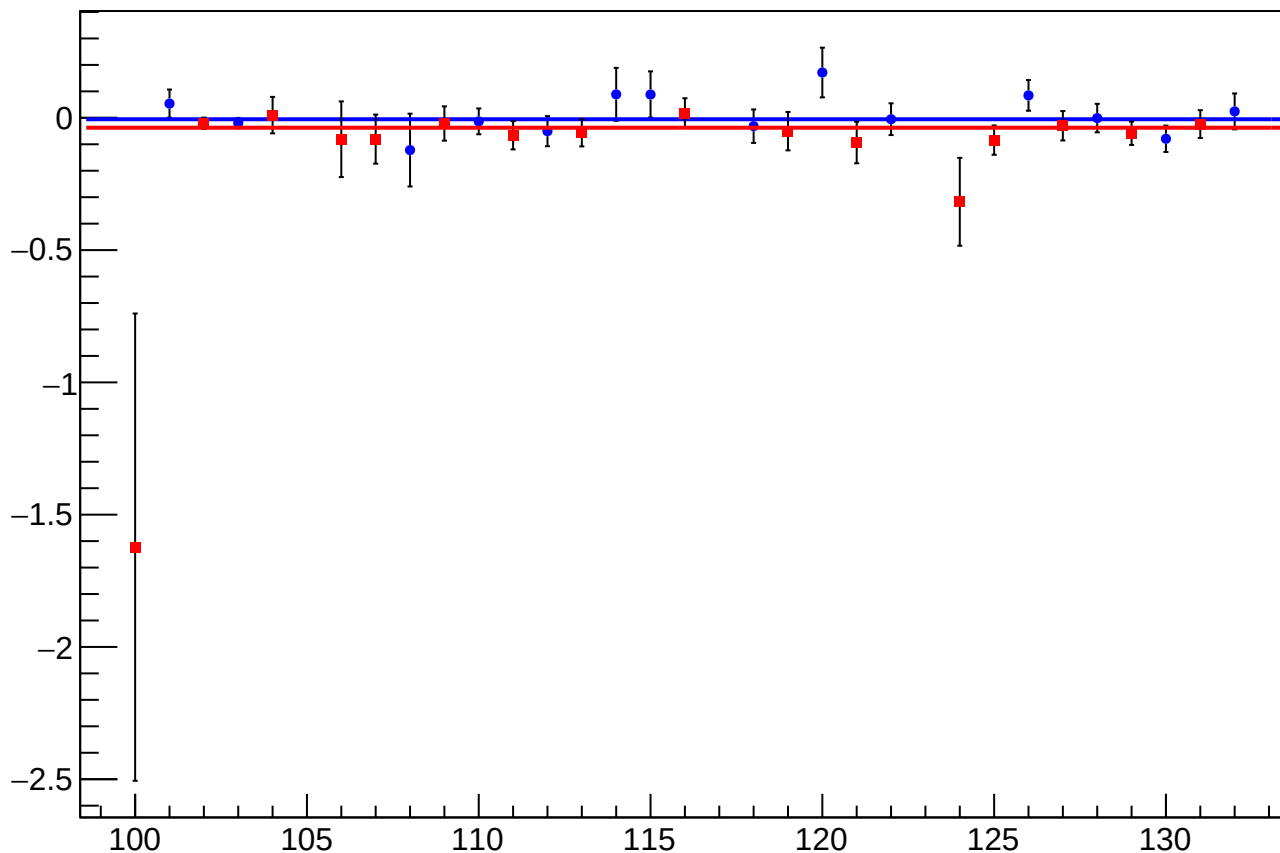
Right: 0.000+/-0.000 χ^2/NDF : 2005627.7/29

In: 0.000+/-0.000 χ^2/NDF : 1175579.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2005627.7/29

asym_sam_37_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 ± 0.013 χ^2/NDF : 13.7/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.037 ± 0.013 χ^2/NDF : 10.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

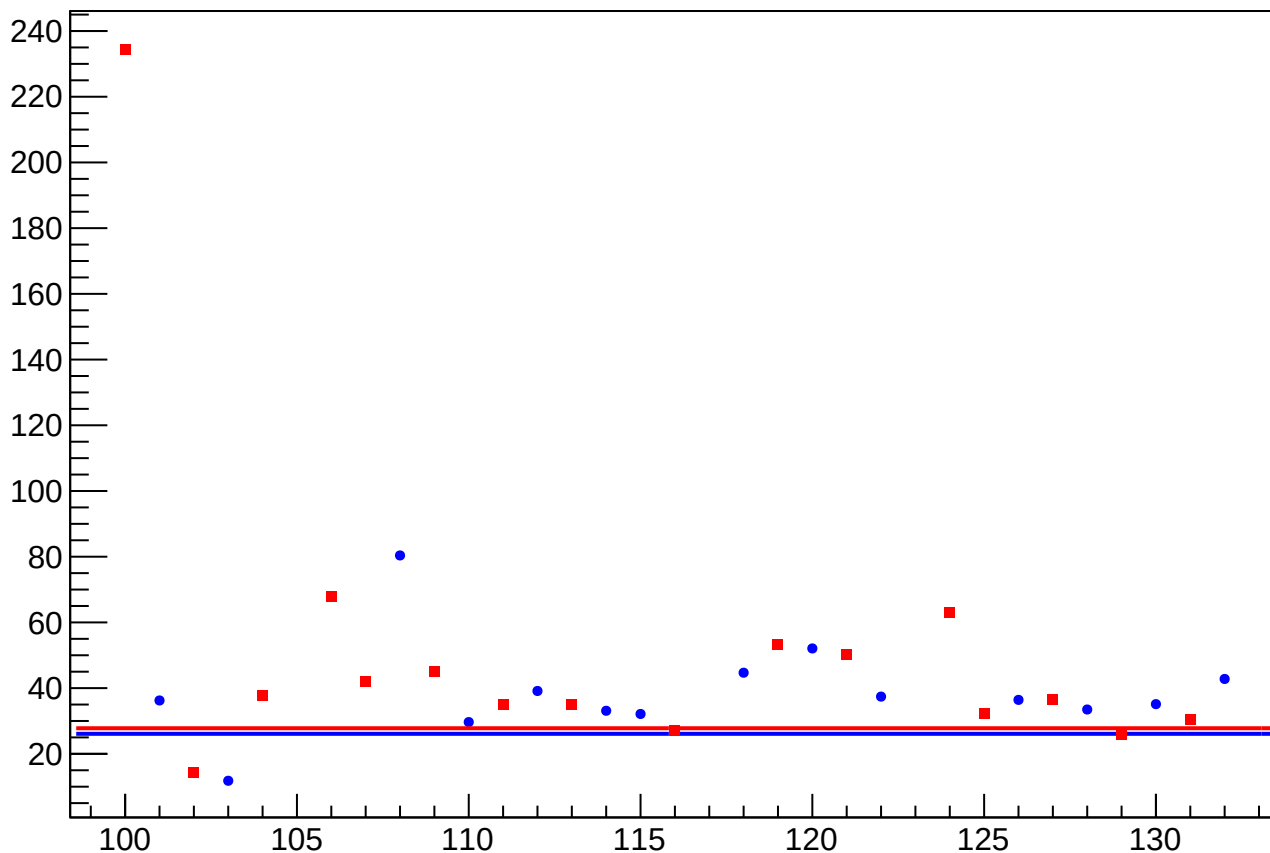
Right: -0.021 ± 0.009 χ^2/NDF : 27.1/29

In: -0.005 ± 0.013 χ^2/NDF : 13.7/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.021 ± 0.009 χ^2/NDF : 27.1/29

asym_sam_37_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.096 $\pm$ 0.009 χ^2 /NDF: 2262244.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 27.788 $\pm$ 0.009 χ^2 /NDF: 1936843.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

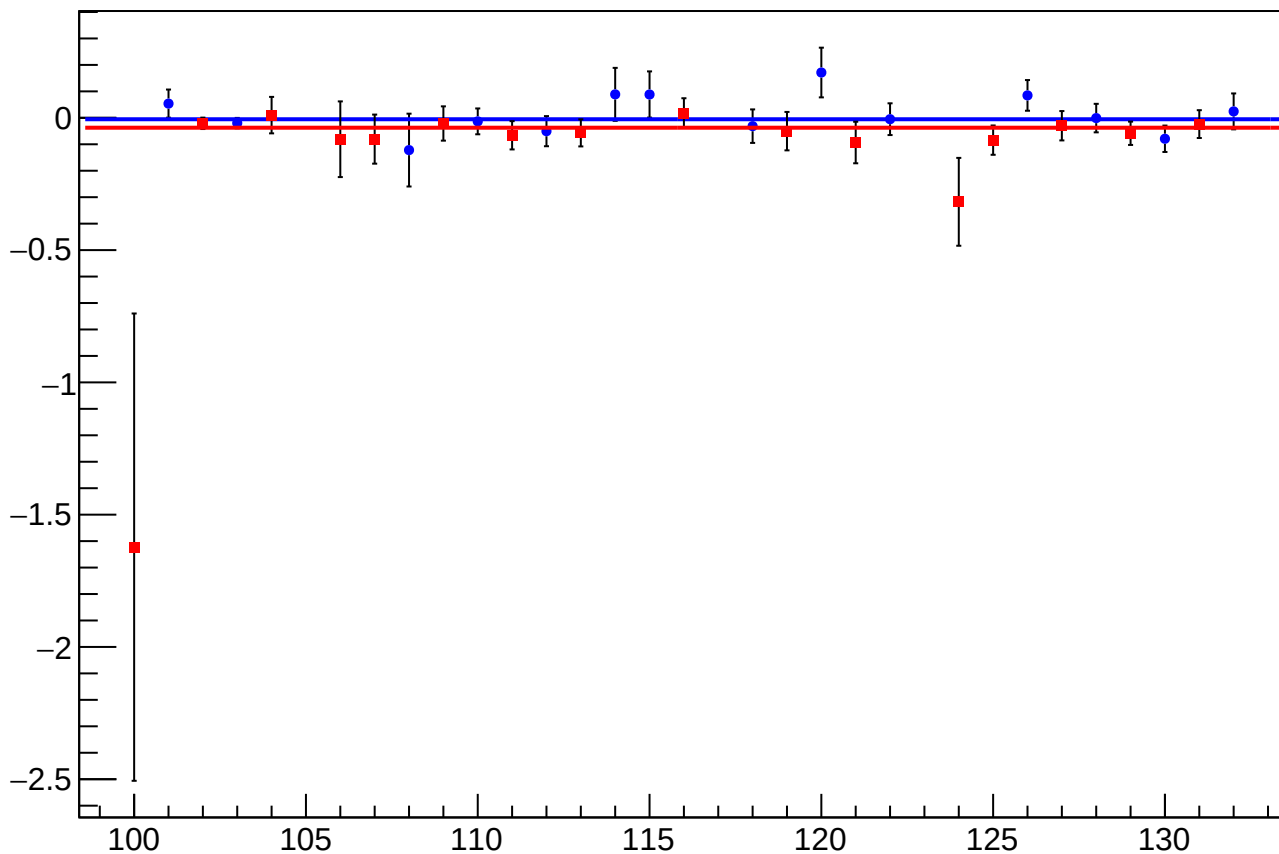
Right: 26.933 $\pm$ 0.007 χ^2 /NDF: 4215686.4/29

In: 26.096 $\pm$ 0.009 χ^2 /NDF:2262244.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 26.933 $\pm$ 0.007 χ^2 /NDF: 4215686.4/29

asym_sam_37_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 ± 0.013 χ^2/NDF : 13.7/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.037 ± 0.013 χ^2/NDF : 10.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

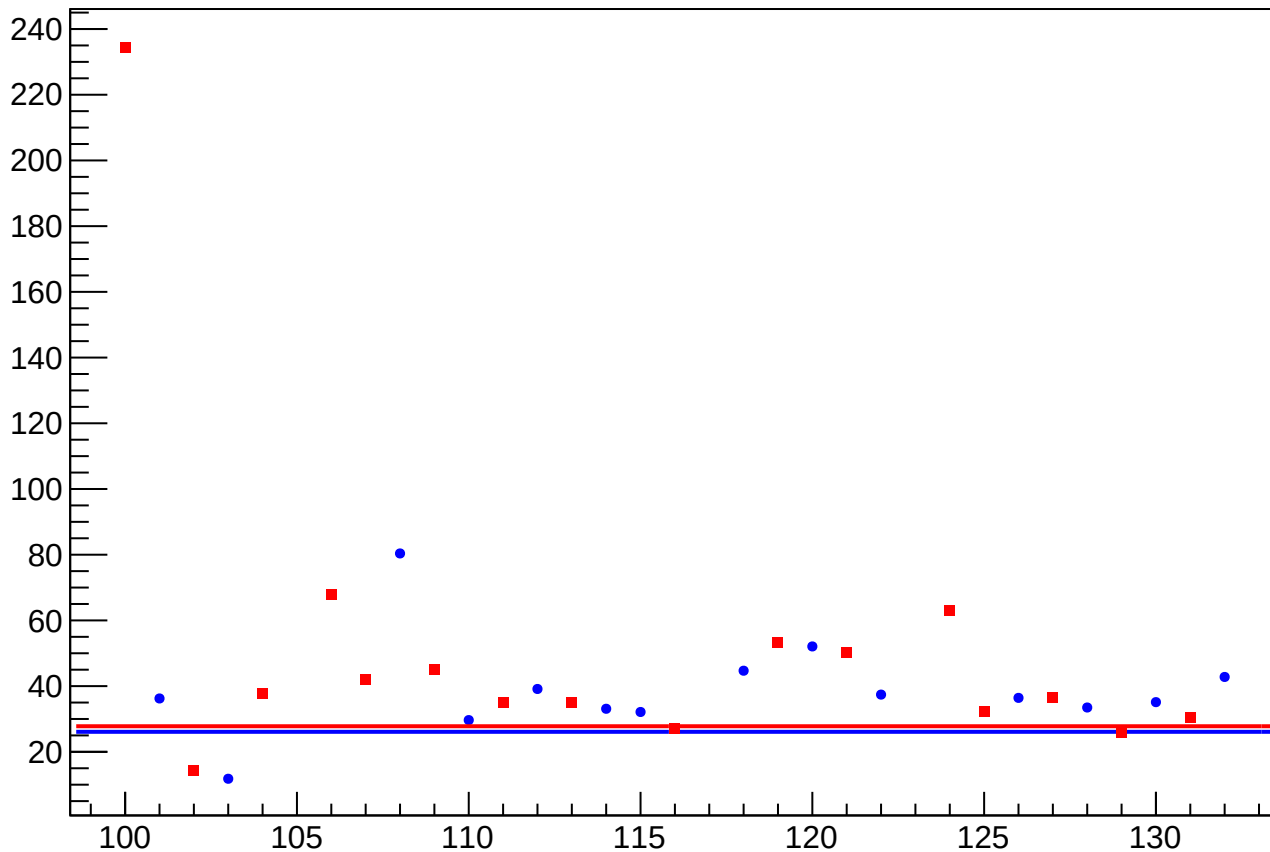
Right: -0.021 ± 0.009 χ^2/NDF : 27.1/29

In: -0.005 ± 0.013 χ^2/NDF : 13.7/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.021 ± 0.009 χ^2/NDF : 27.1/29

asym_sam_37_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.096+/-0.009 χ^2/NDF : 2262244.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.788+/-0.009 χ^2/NDF : 1936843.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

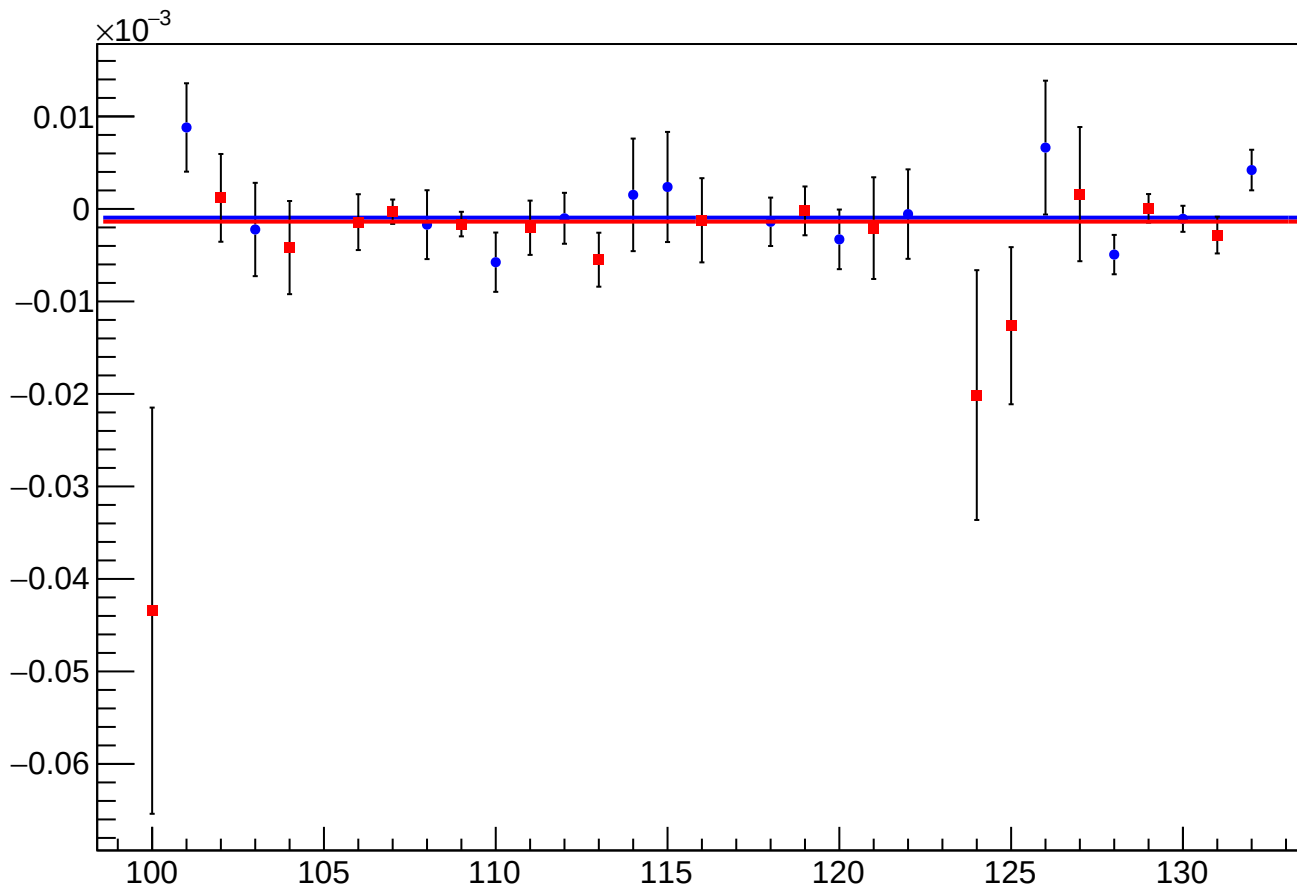
Right: 26.933+/-0.007 χ^2/NDF : 4215686.4/29

In: 26.096+/-0.009 χ^2/NDF : 2262244.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.933+/-0.007 χ^2/NDF : 4215686.4/29

asym_sam_37_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 17.7/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 12.5/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

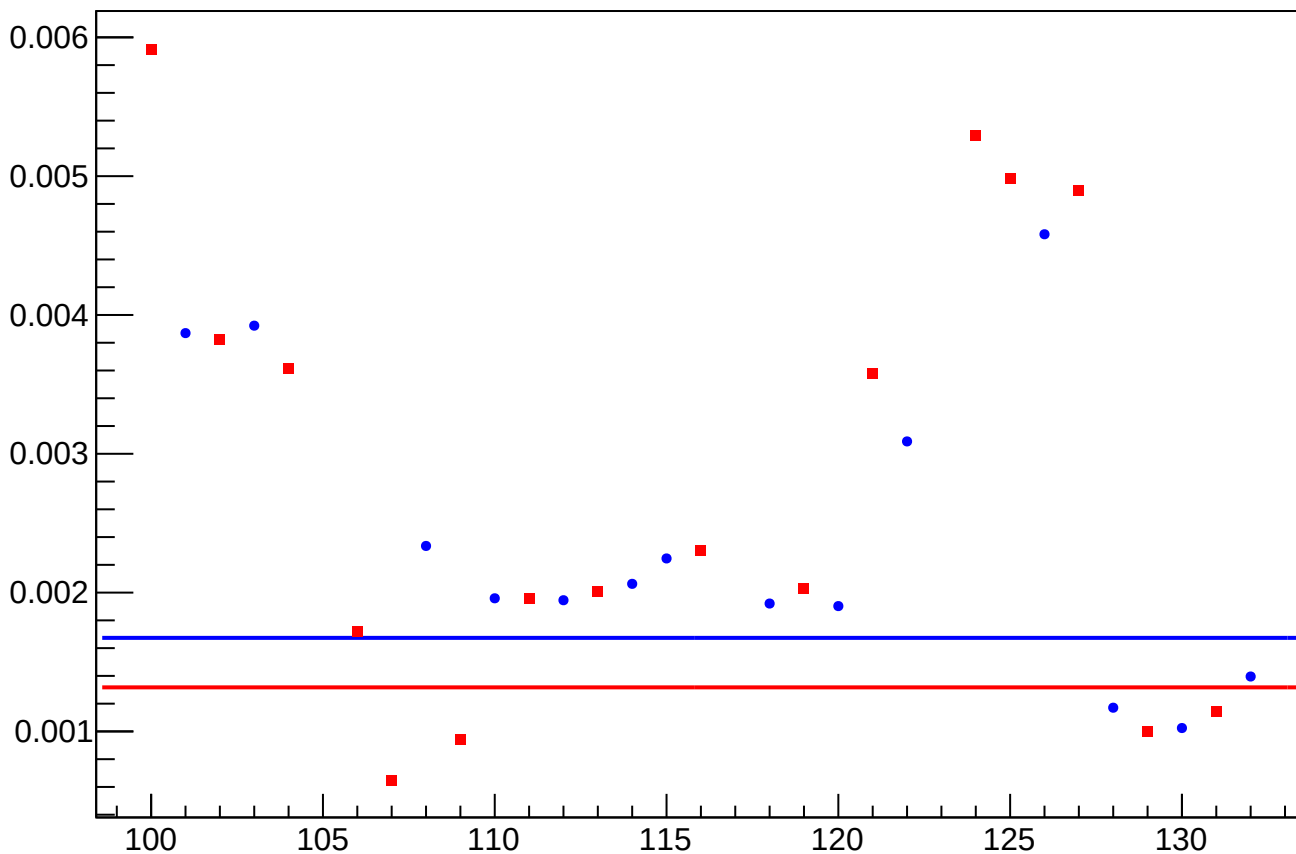
Right: -0.000+/-0.000 χ^2 /NDF: 30.4/29

In: -0.000+/-0.000 χ^2 /NDF:17.7/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 30.4/29

asym_sam_37_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2036767.6/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3696329.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

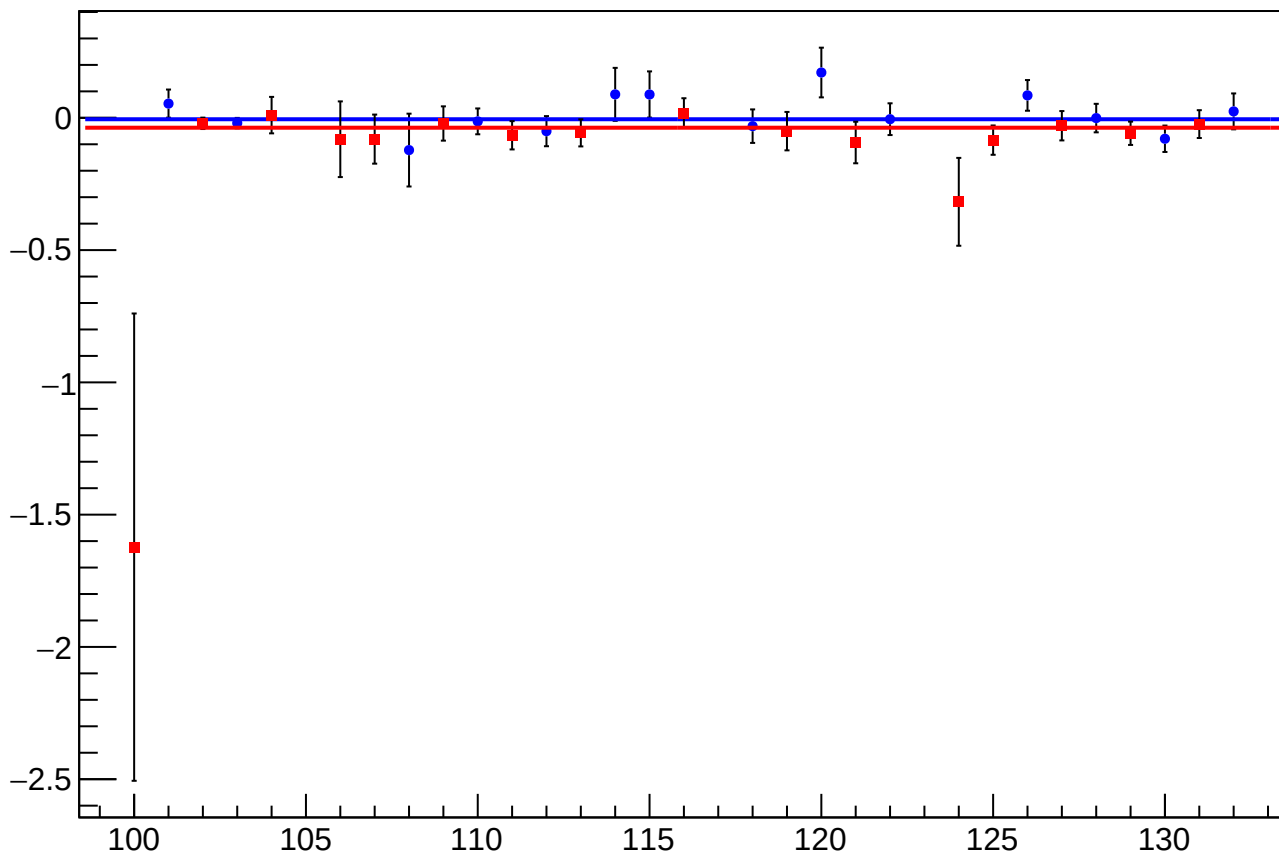
Right: 0.001+/-0.000 χ^2/NDF : 5988882.2/29

In: 0.002+/-0.000 χ^2/NDF :2036767.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5988882.2/29

asym_sam_37_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 ± 0.013 χ^2/NDF : 13.7/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.037 ± 0.013 χ^2/NDF : 10.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

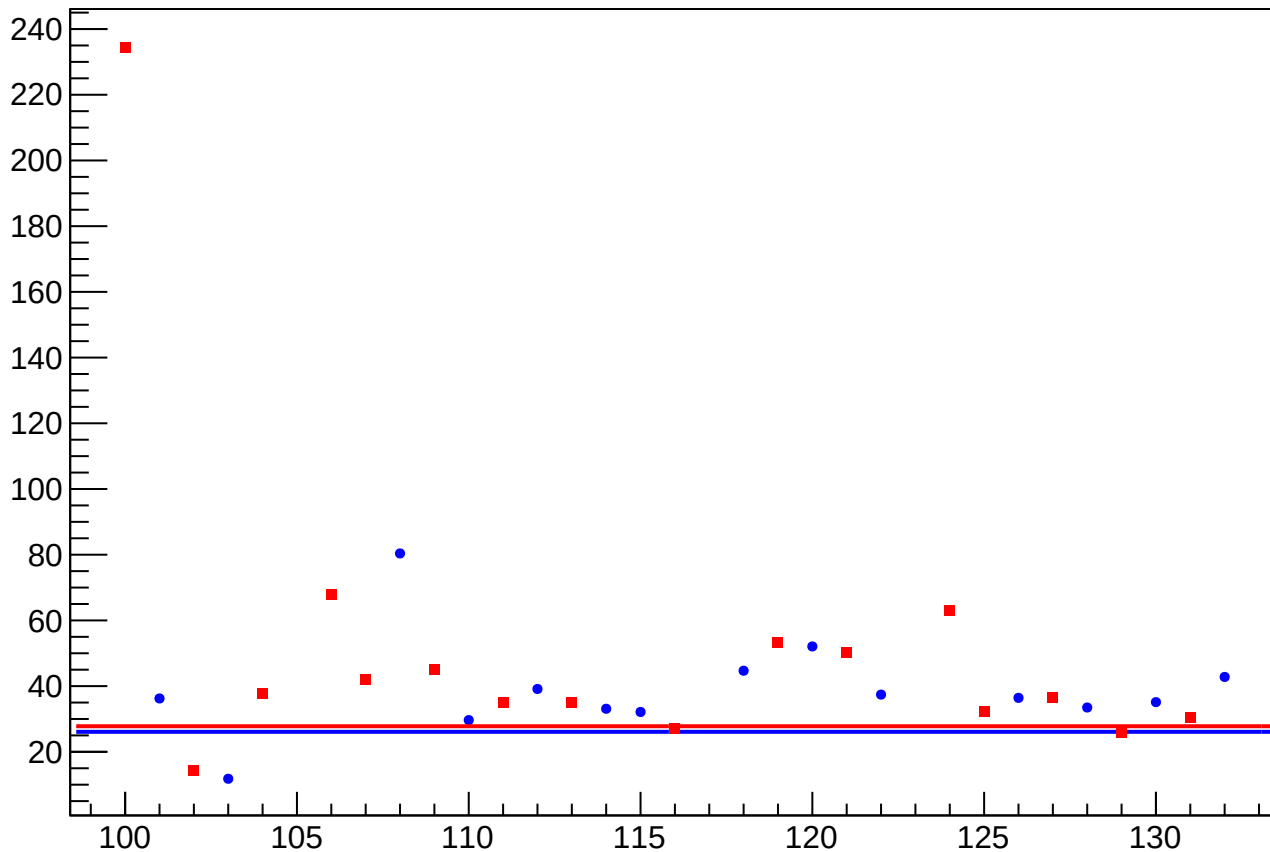
Right: -0.021 ± 0.009 χ^2/NDF : 27.1/29

In: -0.005 ± 0.013 χ^2/NDF : 13.7/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.021 ± 0.009 χ^2/NDF : 27.1/29

asym_sam_37_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.095+/-0.009 χ^2/NDF : 2262572.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.791+/-0.009 χ^2/NDF : 1936330.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

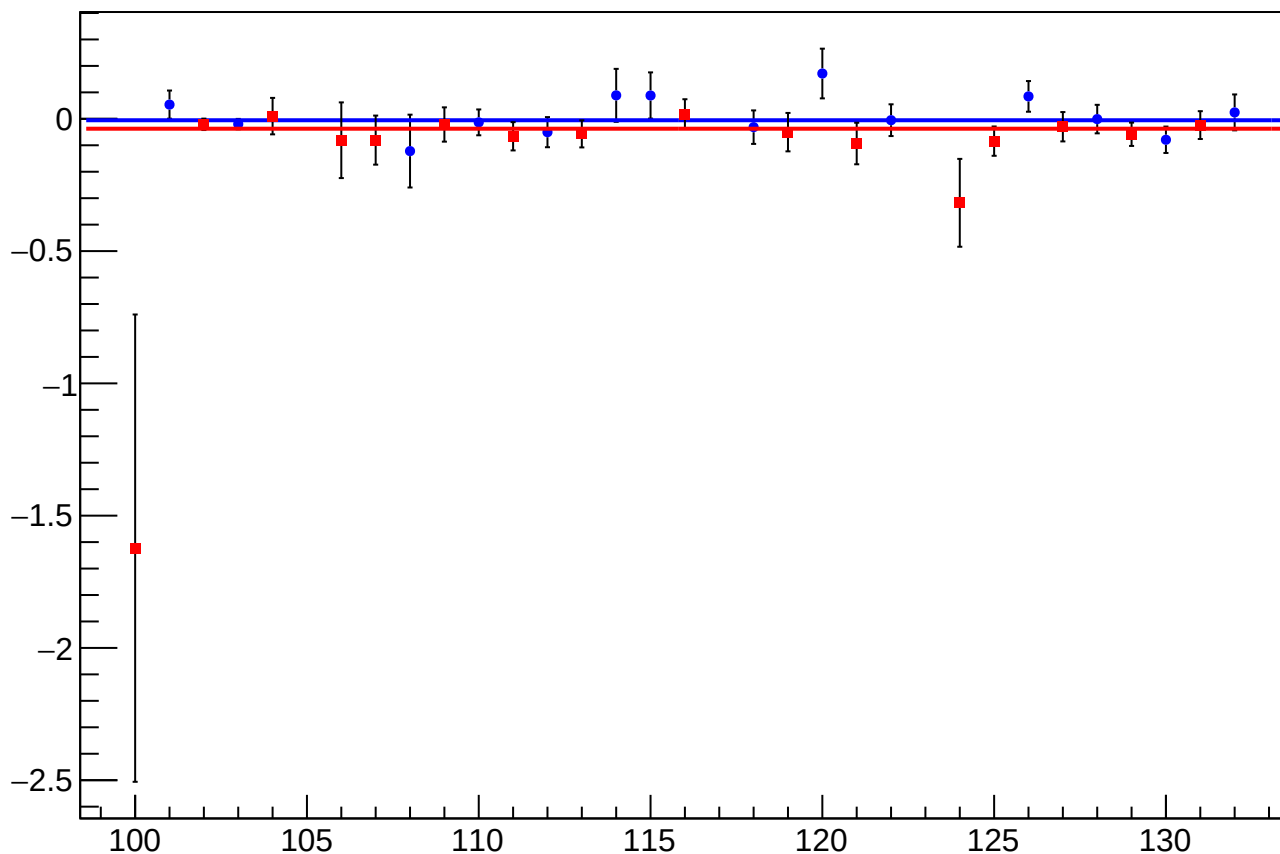
Right: 26.934+/-0.007 χ^2/NDF : 4215571.1/29

In: 26.095+/-0.009 χ^2/NDF : 2262572.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.934+/-0.007 χ^2/NDF : 4215571.1/29

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.013 χ^2 /NDF: 13.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.037 $\pm$ 0.013 χ^2 /NDF: 10.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

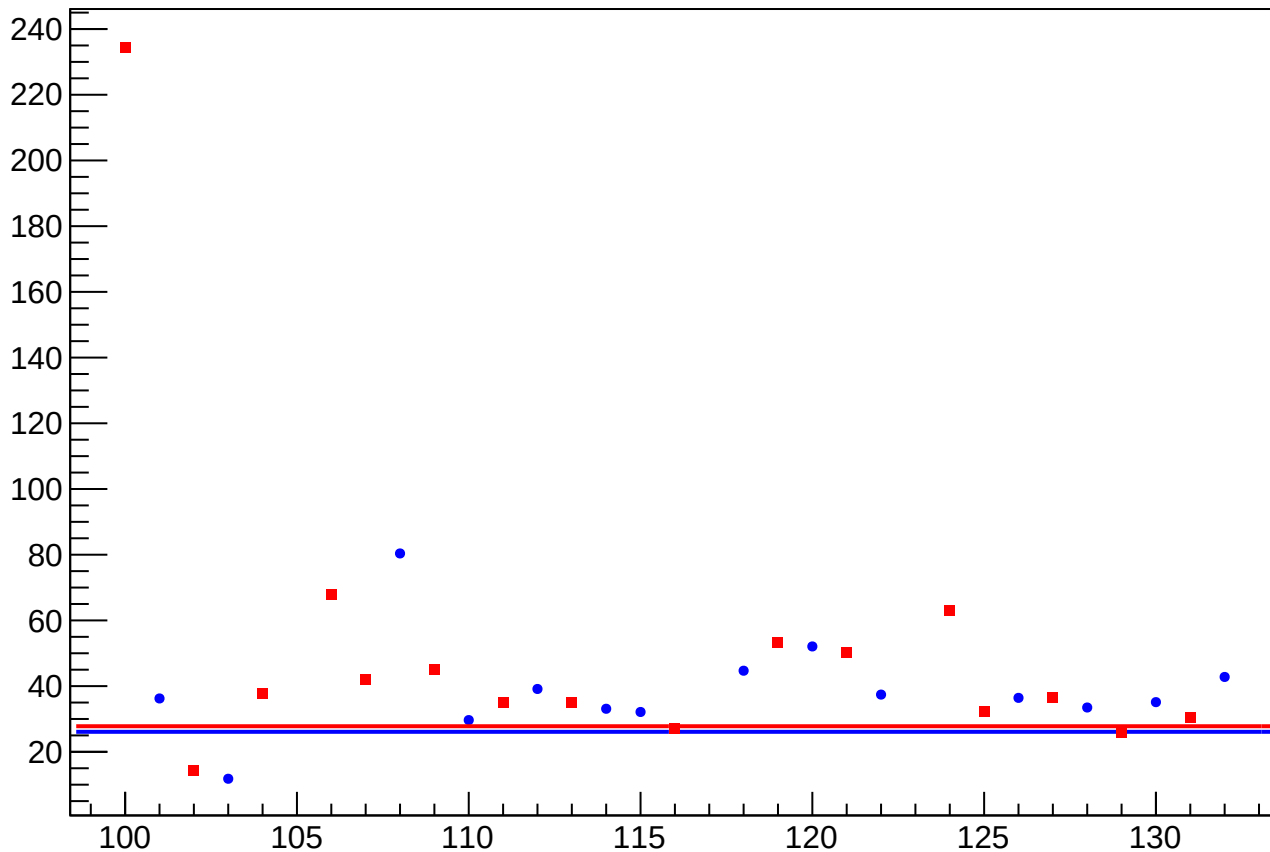
Right: -0.021 $\pm$ 0.009 χ^2 /NDF: 27.1/29

In: -0.005 $\pm$ 0.013 χ^2 /NDF:13.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.021 $\pm$ 0.009 χ^2 /NDF: 27.1/29

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.095+/-0.009 χ^2/NDF : 2262572.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.791+/-0.009 χ^2/NDF : 1936330.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

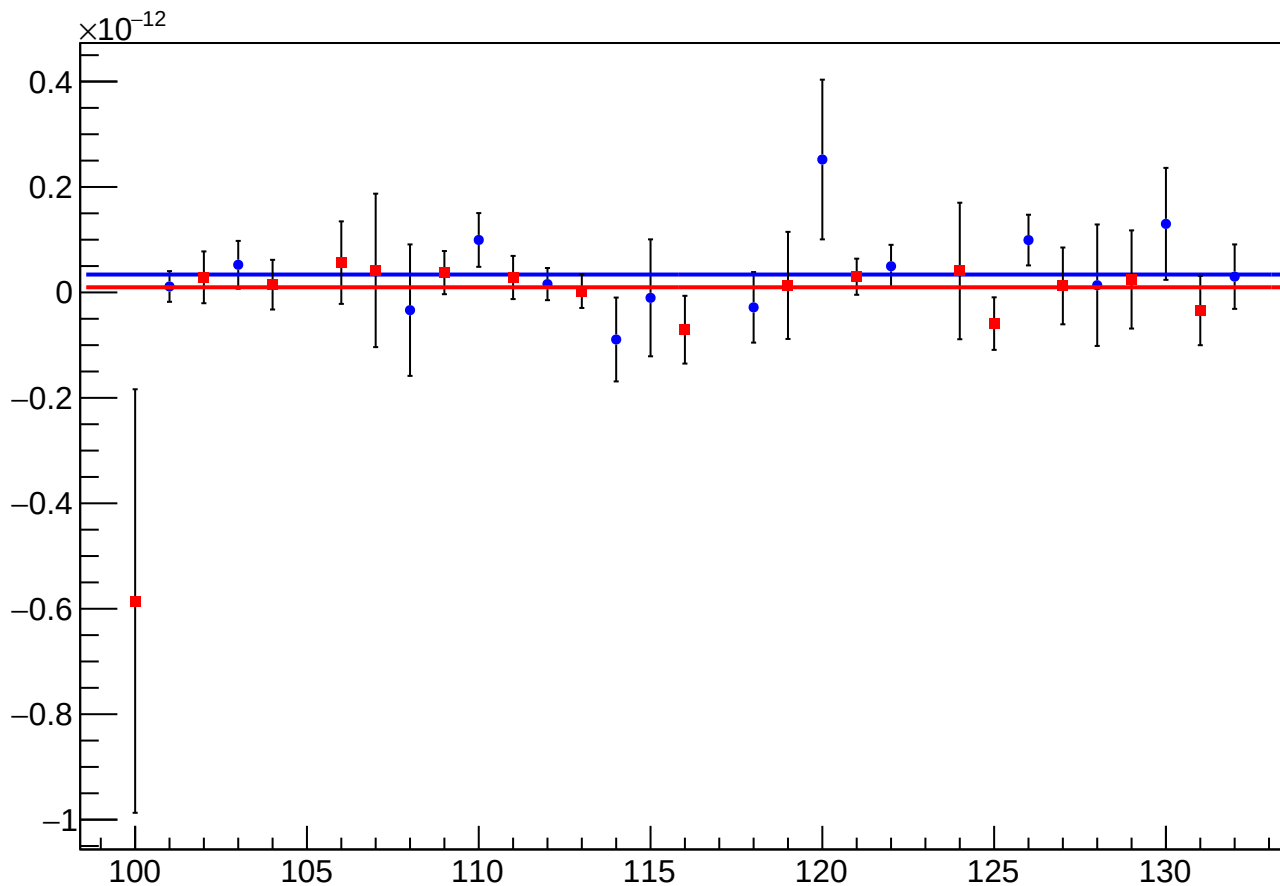
Right: 26.934+/-0.007 χ^2/NDF : 4215571.1/29

In: 26.095+/-0.009 χ^2/NDF : 2262572.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.934+/-0.007 χ^2/NDF : 4215571.1/29

asym_sam_37_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

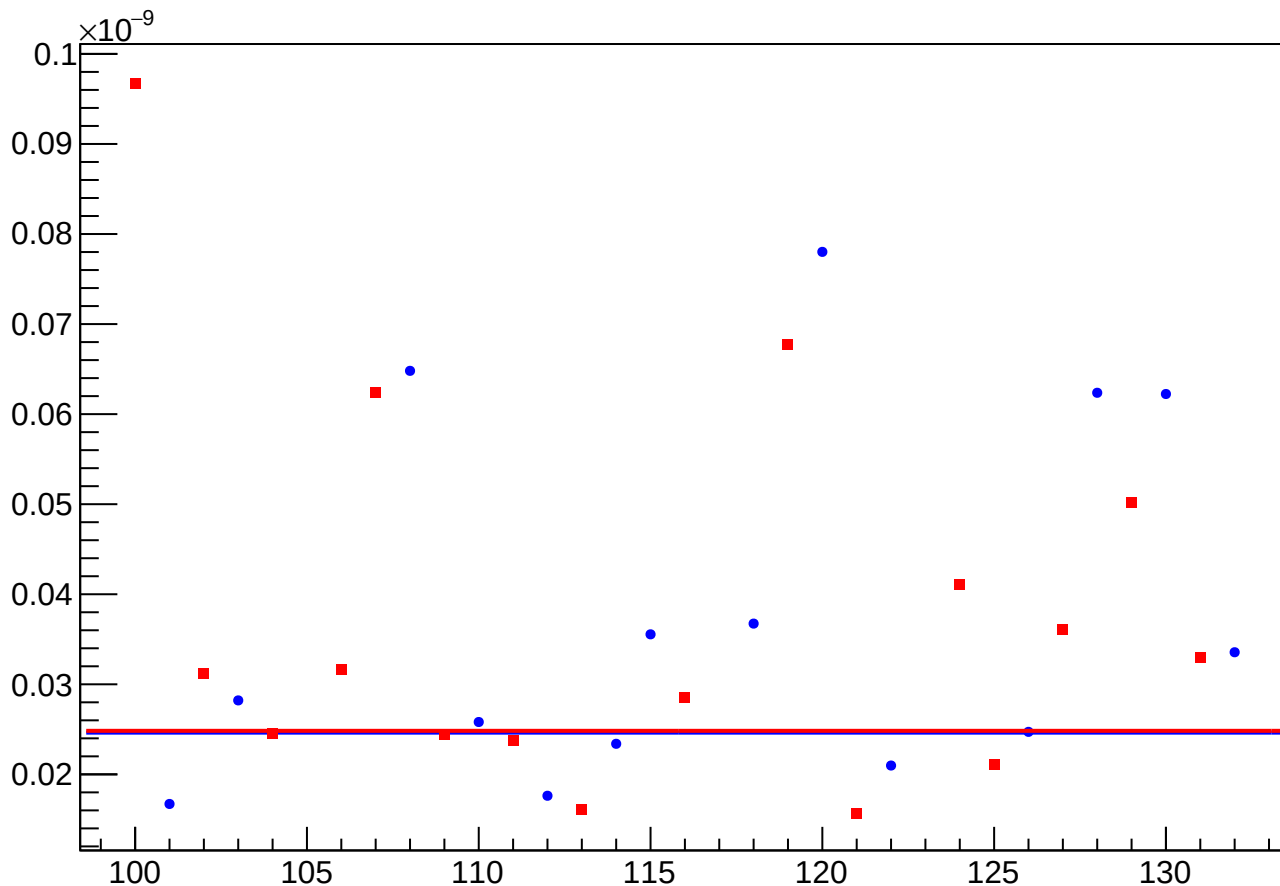
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 20.8/29

In: 0.000 $\pm$ 0.000 χ^2 /NDF:11.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 20.8/29

asym_sam_37_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1333340.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1175028.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

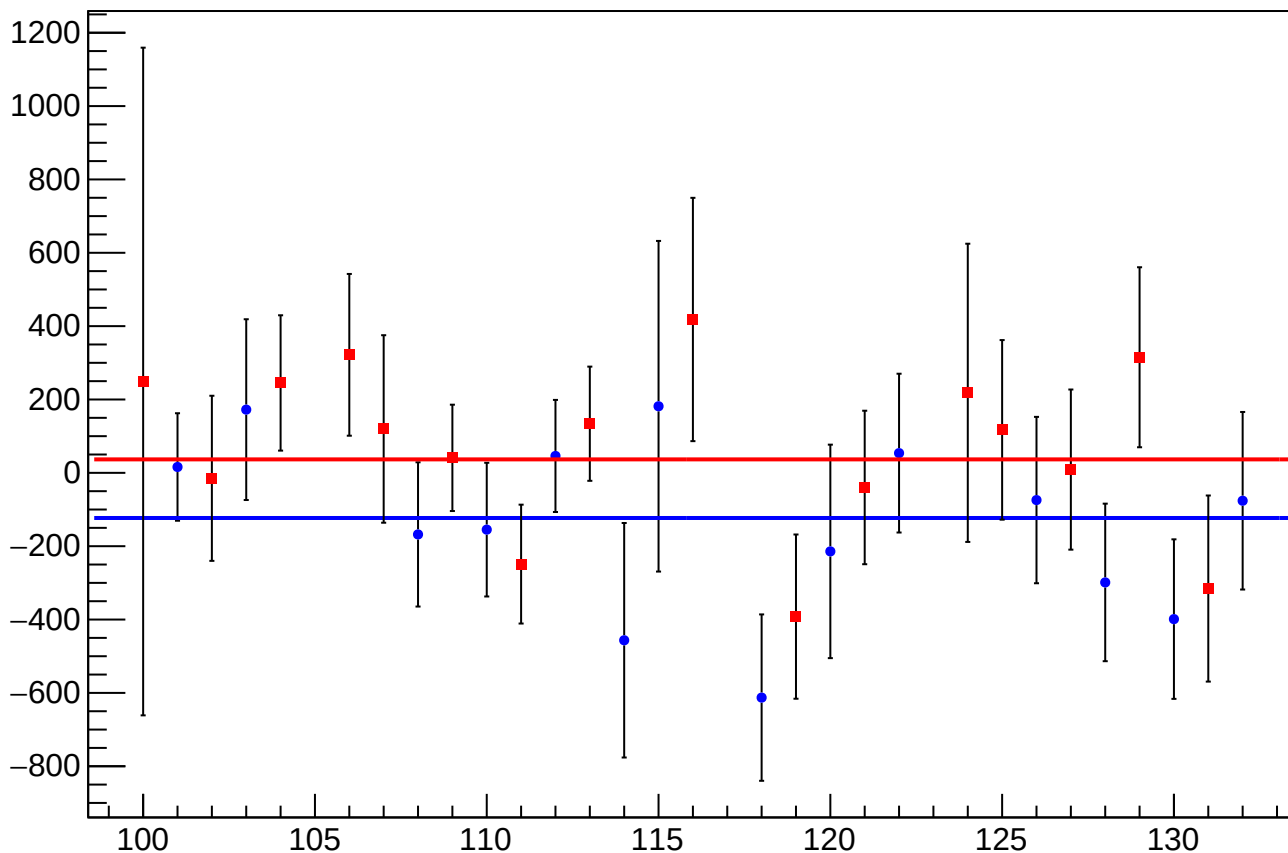
Right: 0.000+/-0.000 χ^2/NDF : 2508585.2/29

In: 0.000+/-0.000 χ^2/NDF : 1333340.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2508585.2/29

reg_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -123.085+/-56.943 χ^2/NDF : 13.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.717+/-54.166 χ^2/NDF : 15.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

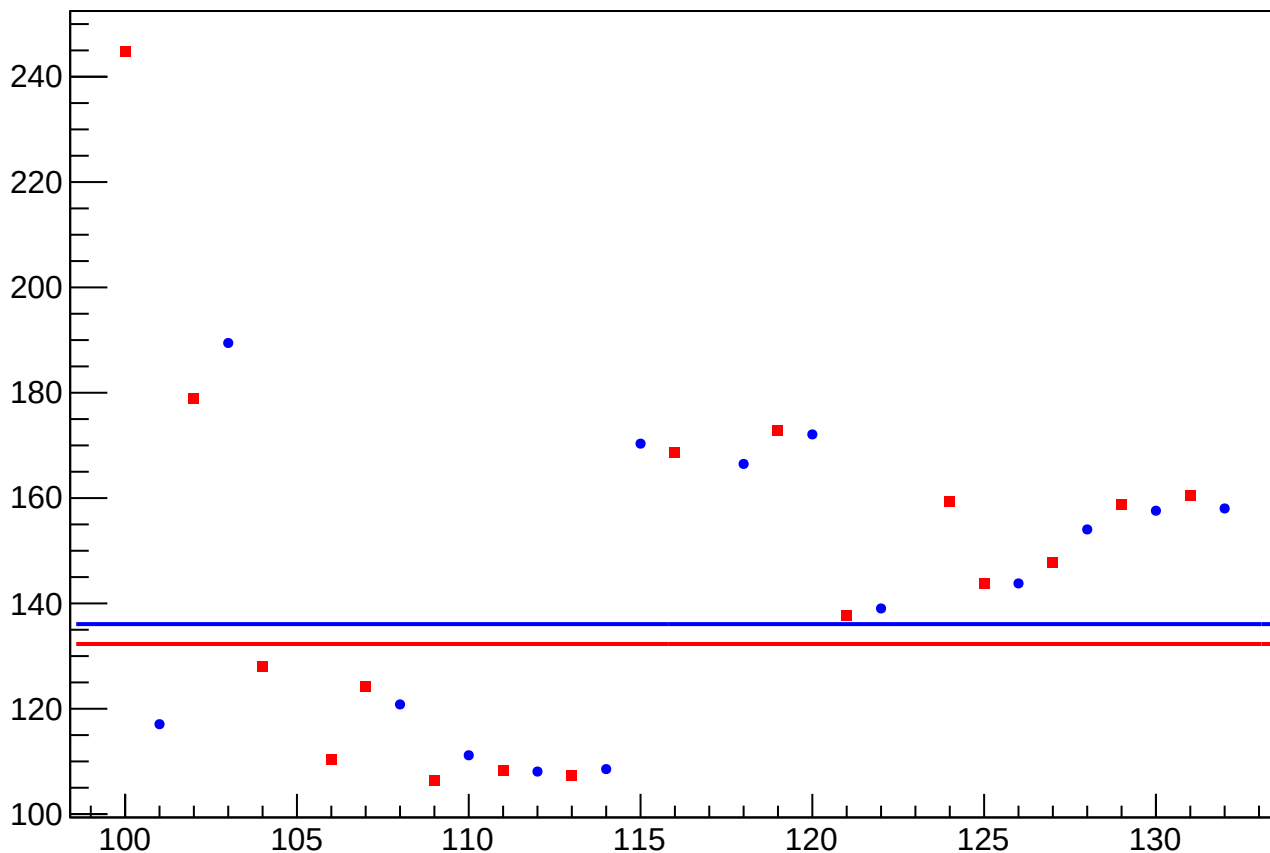
Right: -39.193+/-39.246 χ^2/NDF : 32.4/29

In: -123.085+/-56.943 χ^2/NDF : 13.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.193+/-39.246 χ^2/NDF : 32.4/29

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 136.073+/-0.040 χ^2/NDF : 389656.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 132.294+/-0.038 χ^2/NDF : 460522.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

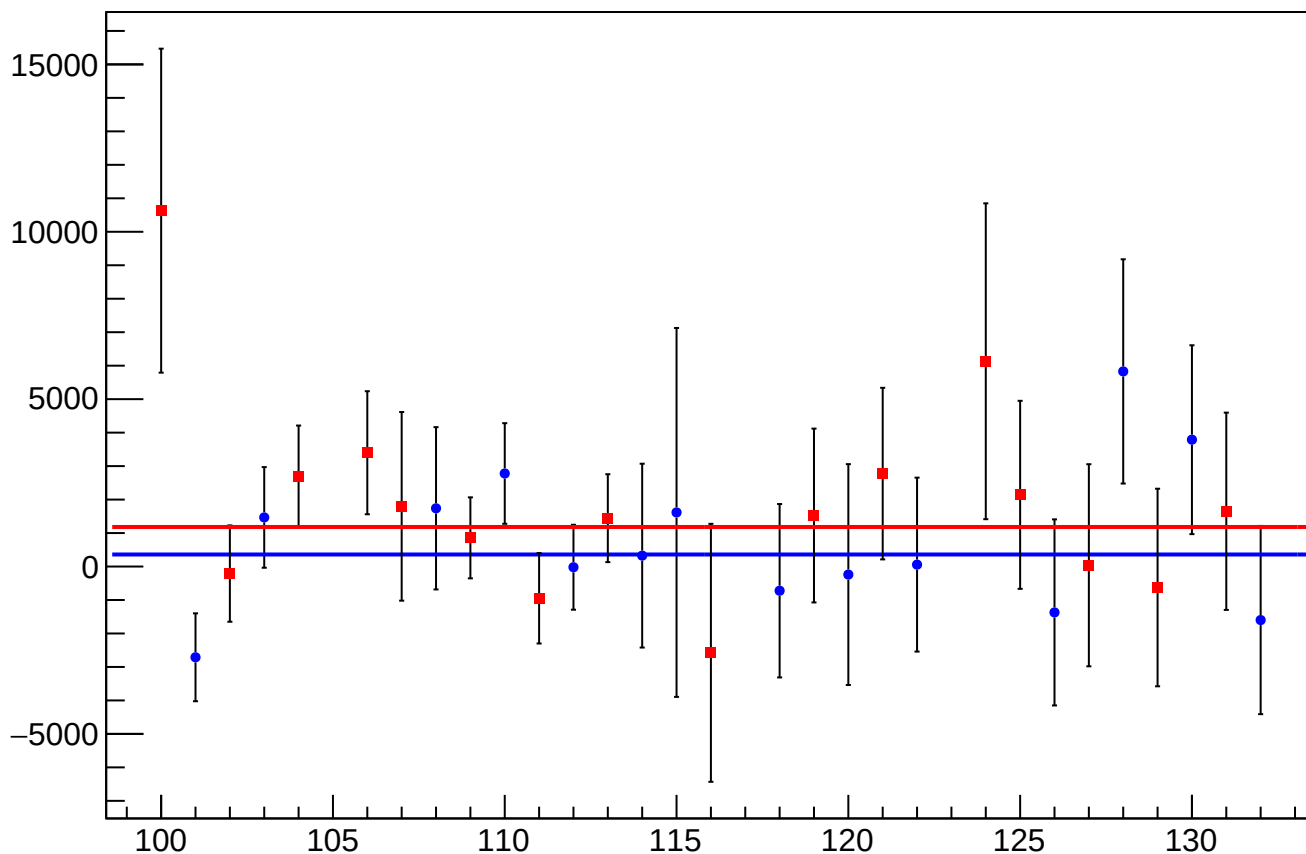
Right: 134.089+/-0.028 χ^2/NDF : 854800.4/29

In: 136.073+/-0.040 χ^2/NDF : 389656.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.089+/-0.028 χ^2/NDF : 854800.4/29

asym_sam_48_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 359.647 $\pm$ 551.924 χ^2 /NDF: 14.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1181.669 $\pm$ 495.256 χ^2 /NDF: 13.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

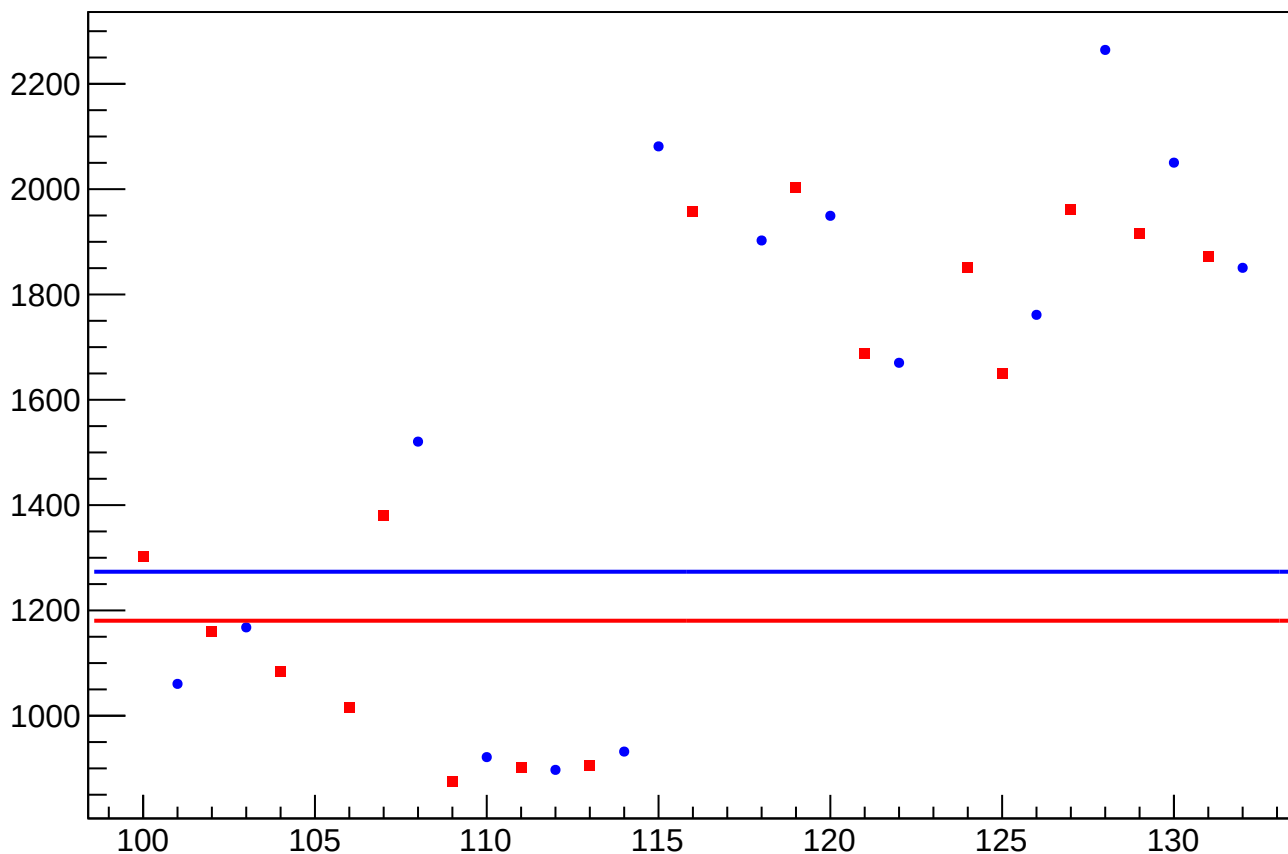
Right: 815.012 $\pm$ 368.611 χ^2 /NDF: 28.5/29

In: 359.647 $\pm$ 551.924 χ^2 /NDF:14.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 815.012 $\pm$ 368.611 χ^2 /NDF: 28.5/29

asym_sam_48_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1273.480+/-0.390 χ^2/NDF : 1164231.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1180.435+/-0.350 χ^2/NDF : 1161377.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

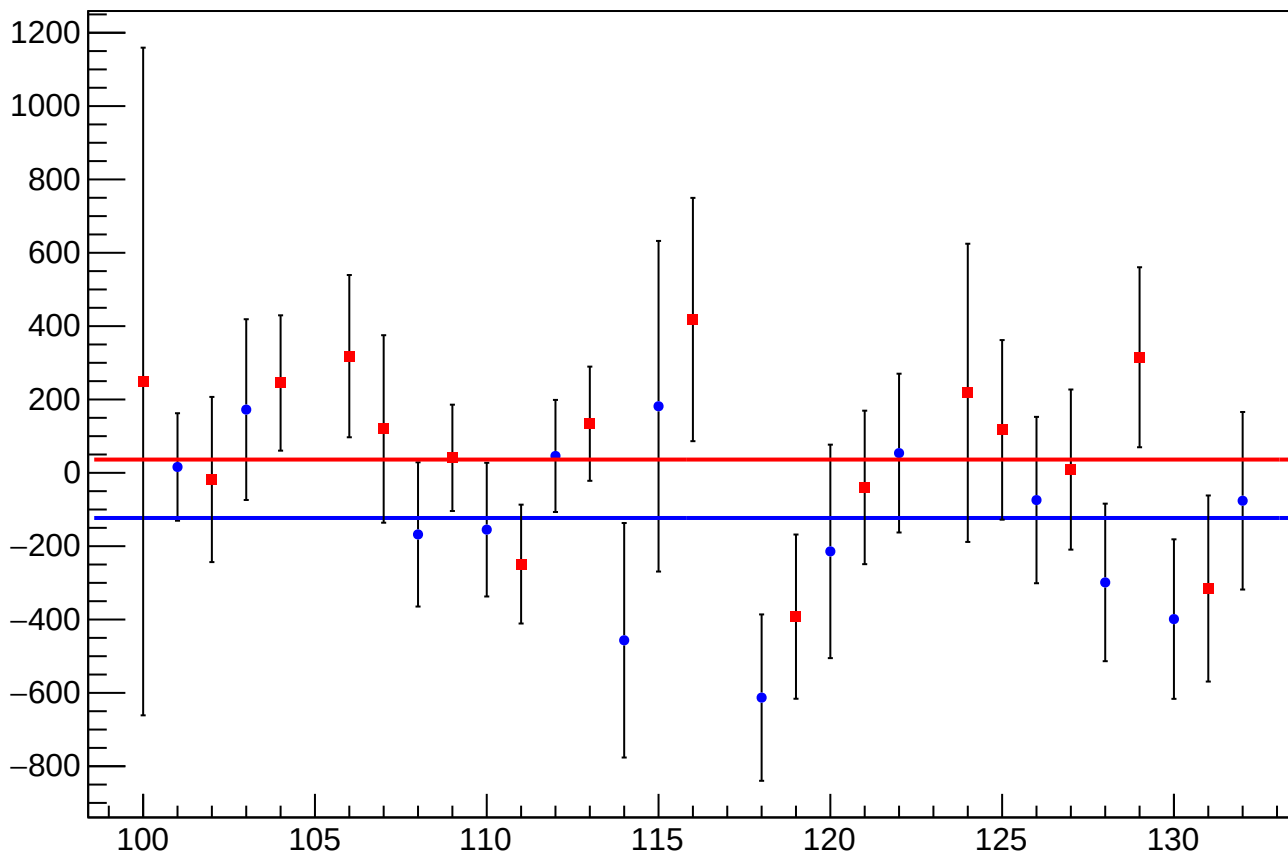
Right: 1221.937+/-0.261 χ^2/NDF : 2357096.2/29

In: 1273.480+/-0.390 χ^2/NDF : 1164231.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1221.937+/-0.261 χ^2/NDF : 2357096.2/29

cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -123.104 ± 56.943 $\chi^2/\text{NDF}: 13.0/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 36.196 ± 54.178 $\chi^2/\text{NDF}: 15.3/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

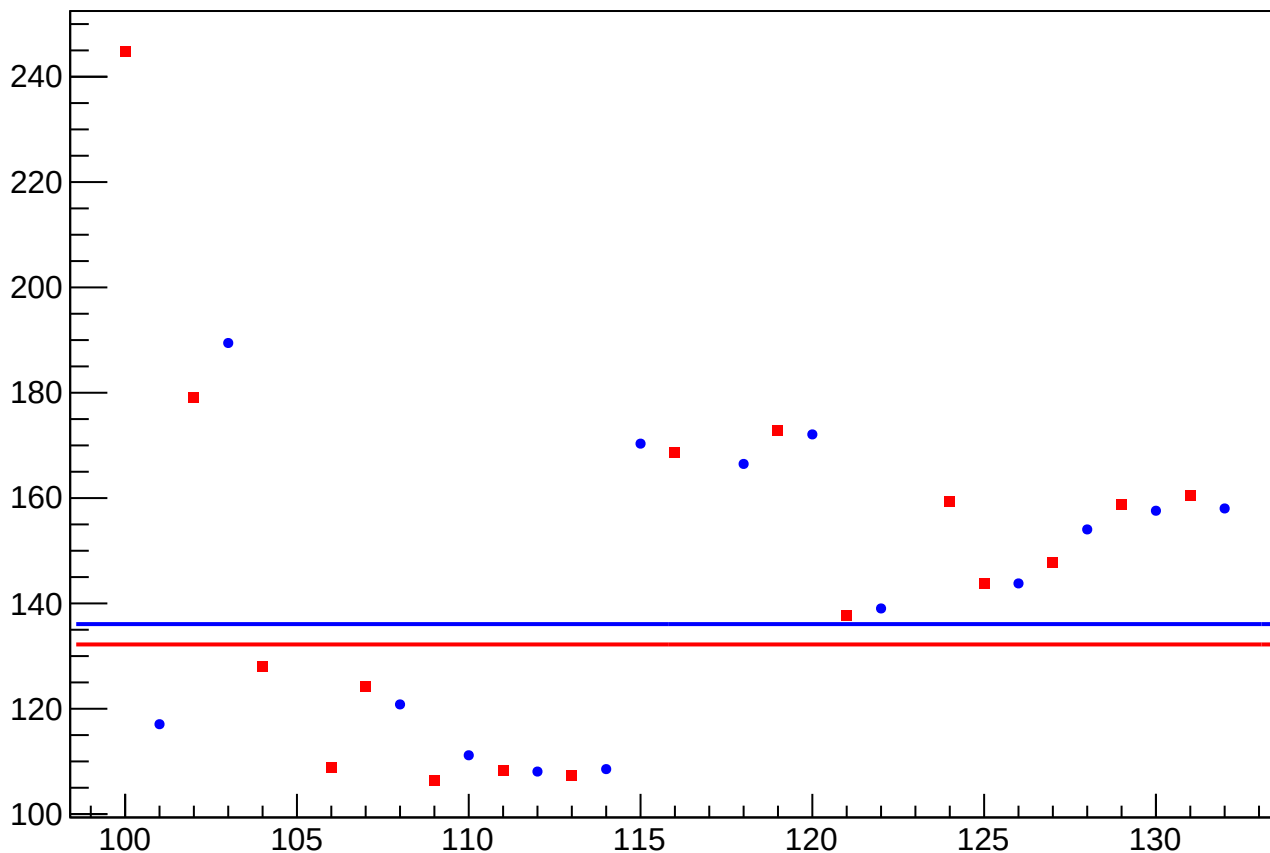
Right: -39.493 ± 39.251 $\chi^2/\text{NDF}: 32.4/29$

In: -123.104 ± 56.943 $\chi^2/\text{NDF}: 13.0/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -39.493 ± 39.251 $\chi^2/\text{NDF}: 32.4/29$

cor_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 136.073+/-0.040 χ^2/NDF : 389659.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 132.209+/-0.038 χ^2/NDF : 463570.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

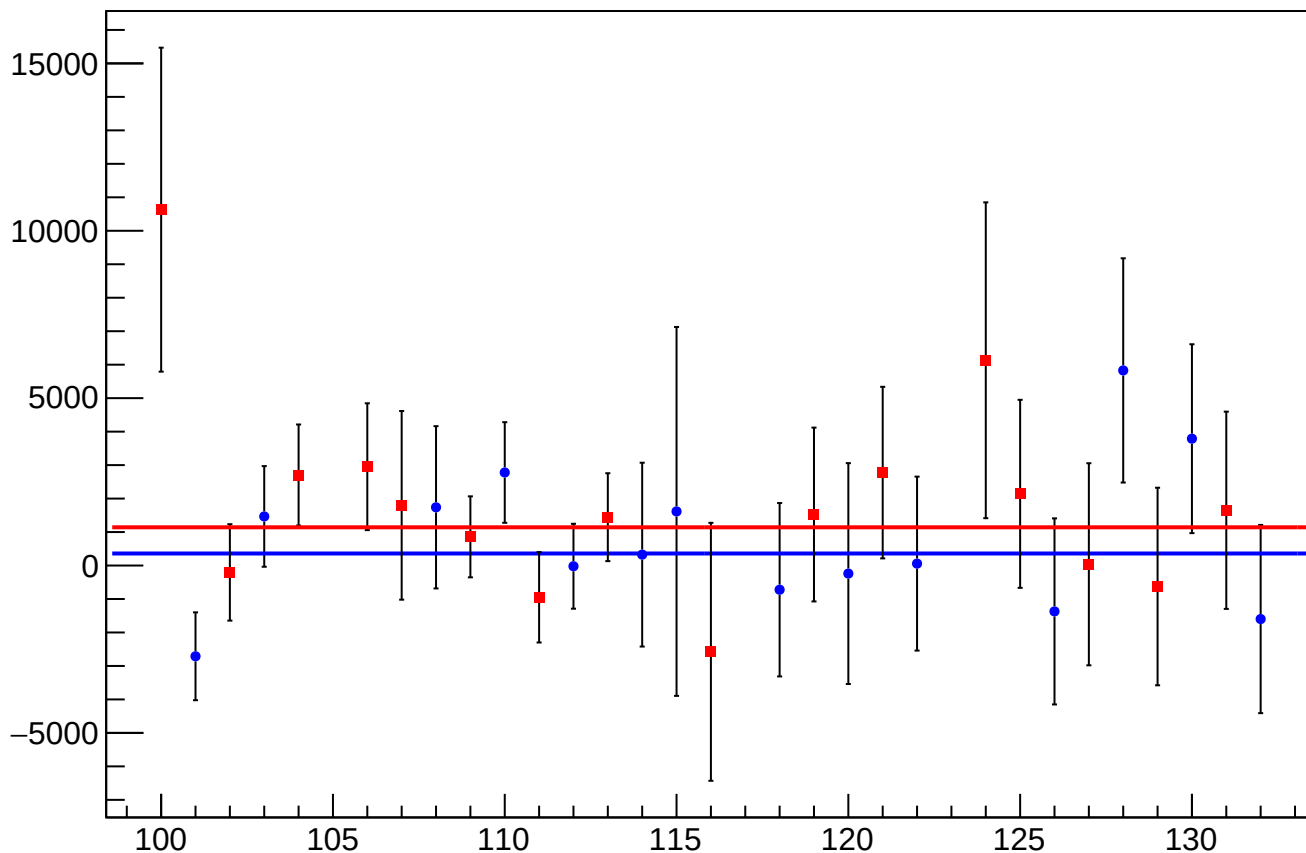
Right: 134.045+/-0.028 χ^2/NDF : 858062.6/29

In: 136.073+/-0.040 χ^2/NDF : 389659.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.045+/-0.028 χ^2/NDF : 858062.6/29

asym_sam_48_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 359.570+/-551.931 χ^2/NDF : 14.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1142.434+/-496.348 χ^2/NDF : 12.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

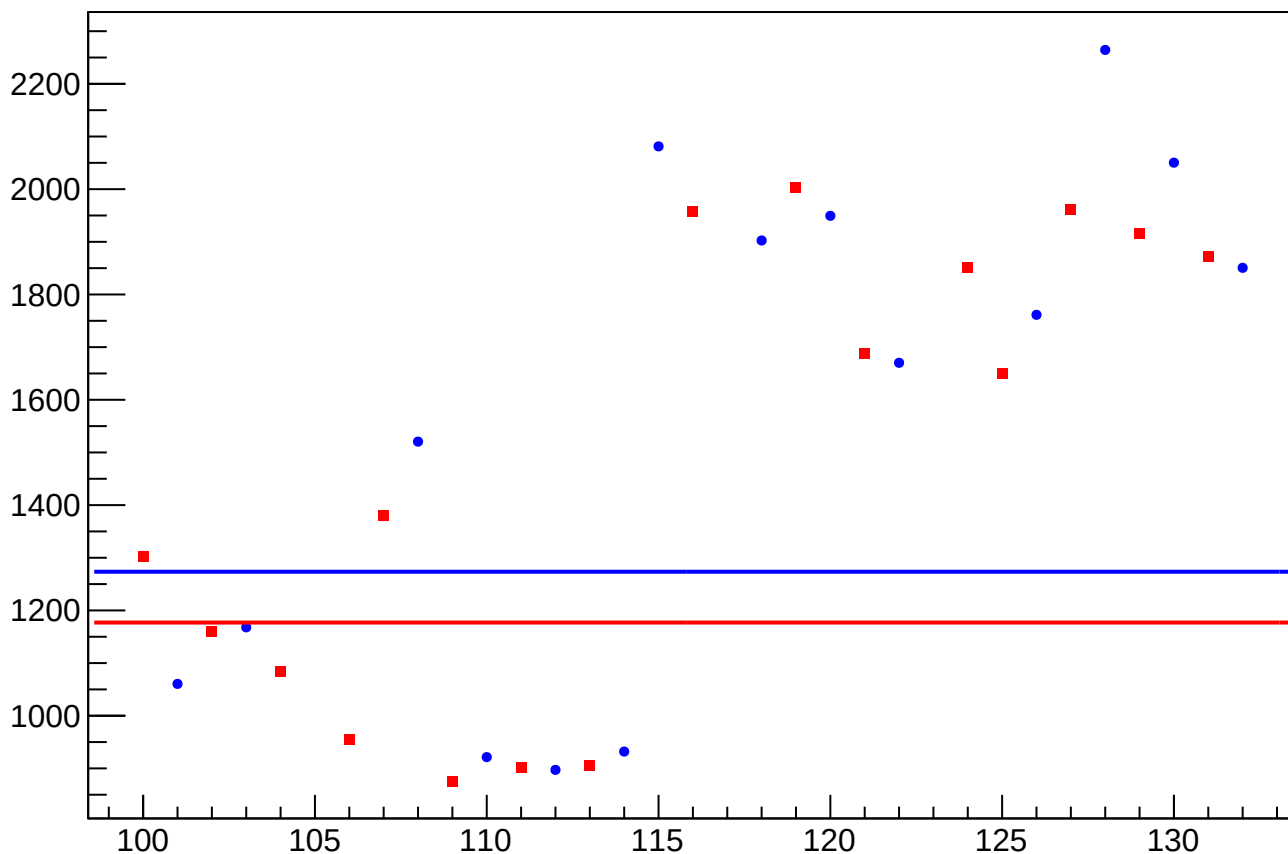
Right: 792.395+/-369.062 χ^2/NDF : 27.8/29

In: 359.570+/-551.931 χ^2/NDF : 14.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 792.395+/-369.062 χ^2/NDF : 27.8/29

asym_sam_48_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1273.496+/-0.390 χ^2/NDF : 1164209.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1176.969+/-0.351 χ^2/NDF : 1173789.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

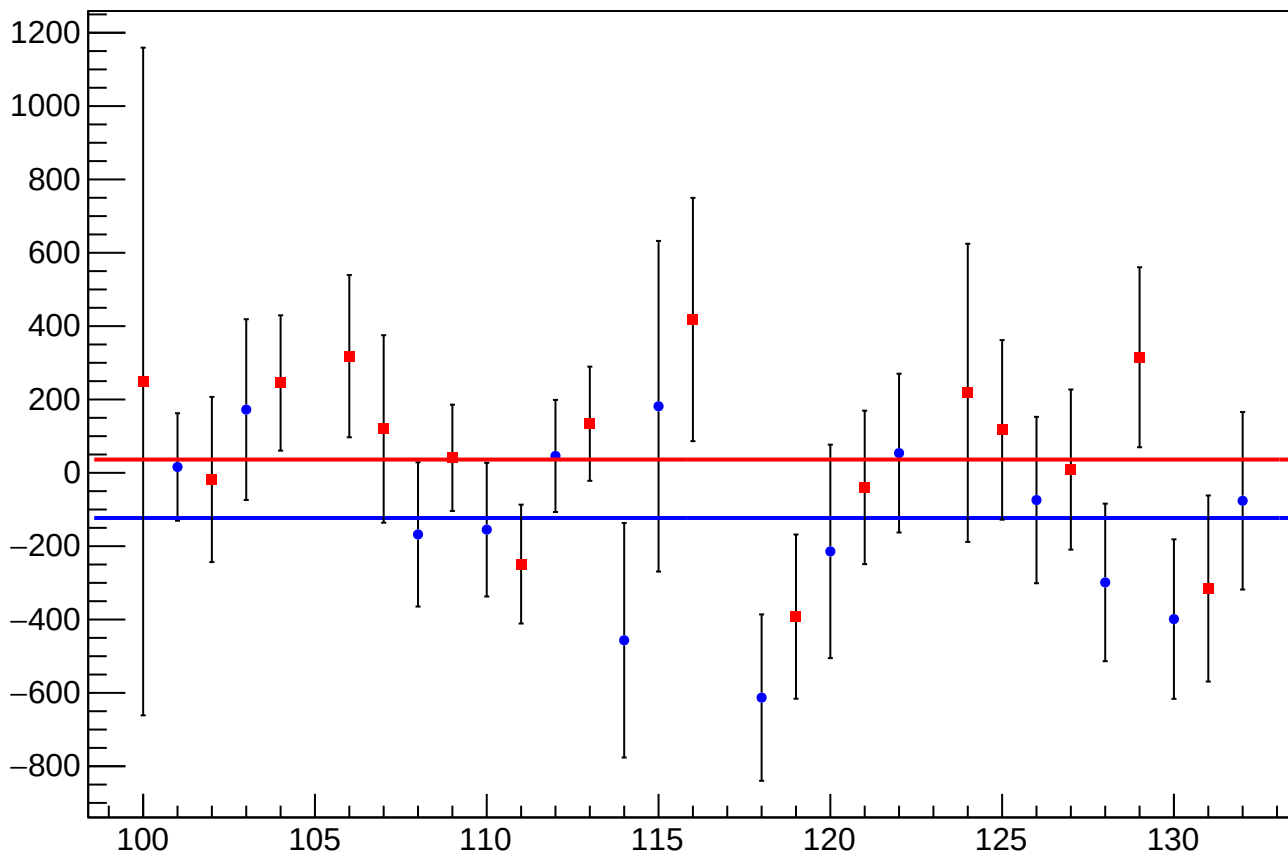
Right: 1220.129+/-0.261 χ^2/NDF : 2371819.9/29

In: 1273.496+/-0.390 χ^2/NDF : 1164209.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1220.129+/-0.261 χ^2/NDF : 2371819.9/29

eigen_cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -123.104+/-56.943 χ^2/NDF : 13.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.196+/-54.178 χ^2/NDF : 15.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

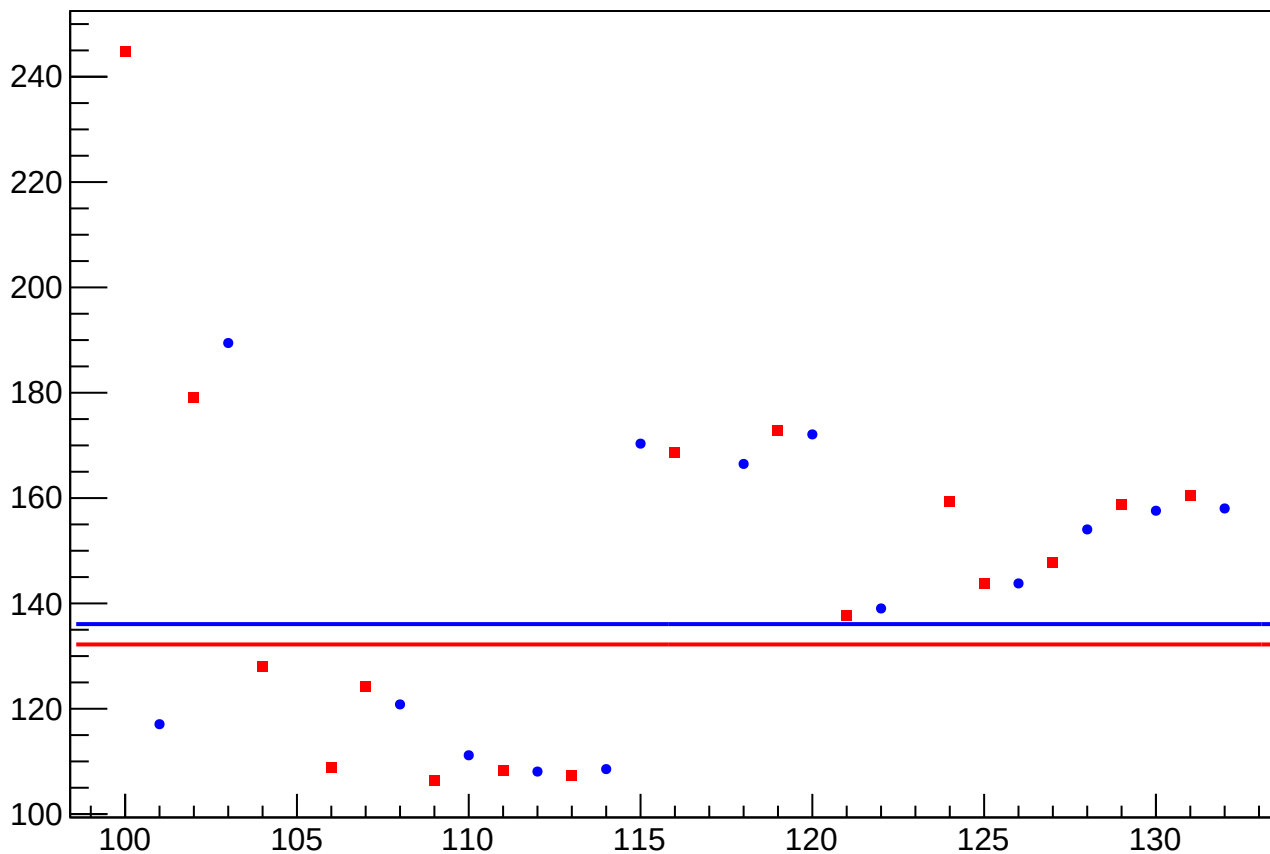
Right: -39.493+/-39.251 χ^2/NDF : 32.4/29

In: -123.104+/-56.943 χ^2/NDF : 13.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.493+/-39.251 χ^2/NDF : 32.4/29

eigen_cor_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 136.073+/-0.040 χ^2/NDF : 389659.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 132.209+/-0.038 χ^2/NDF : 463570.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

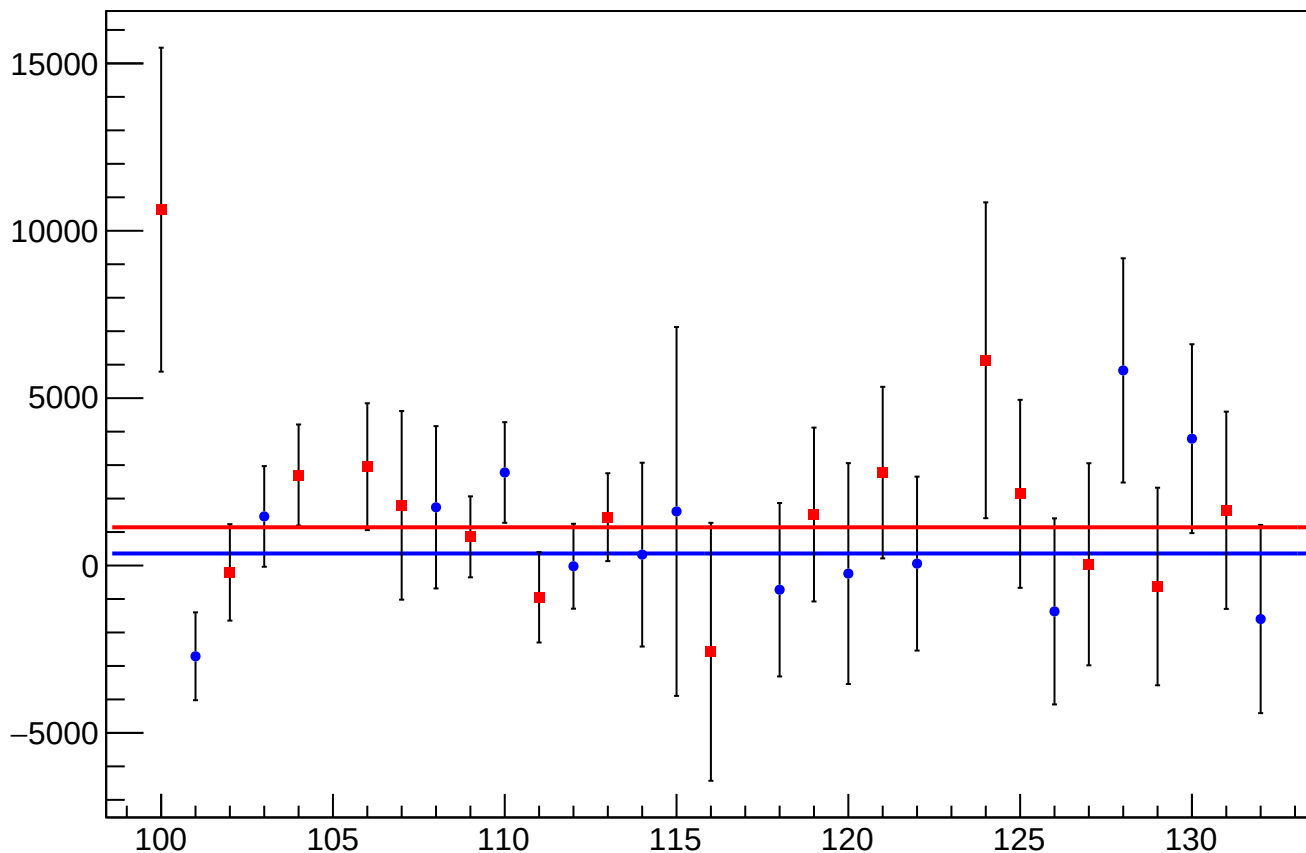
Right: 134.045+/-0.028 χ^2/NDF : 858062.6/29

In: 136.073+/-0.040 χ^2/NDF : 389659.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.045+/-0.028 χ^2/NDF : 858062.6/29

asym_sam_48_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 359.570+/-551.931 χ^2/NDF : 14.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1142.434+/-496.348 χ^2/NDF : 12.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

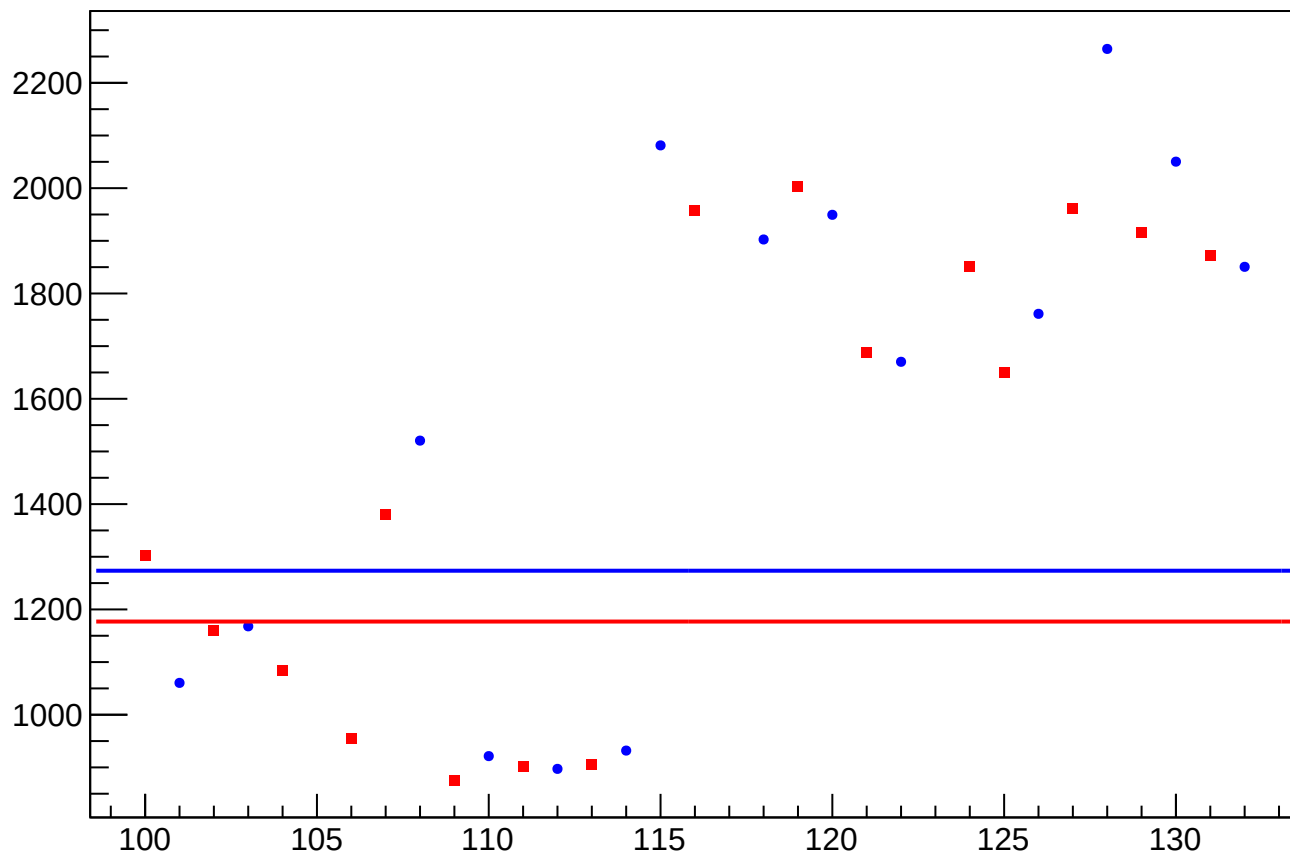
Right: 792.395+/-369.062 χ^2/NDF : 27.8/29

In: 359.570+/-551.931 χ^2/NDF : 14.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 792.395+/-369.062 χ^2/NDF : 27.8/29

asym_sam_48_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1273.496+/-0.390 χ^2/NDF : 1164209.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1176.969+/-0.351 χ^2/NDF : 1173789.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

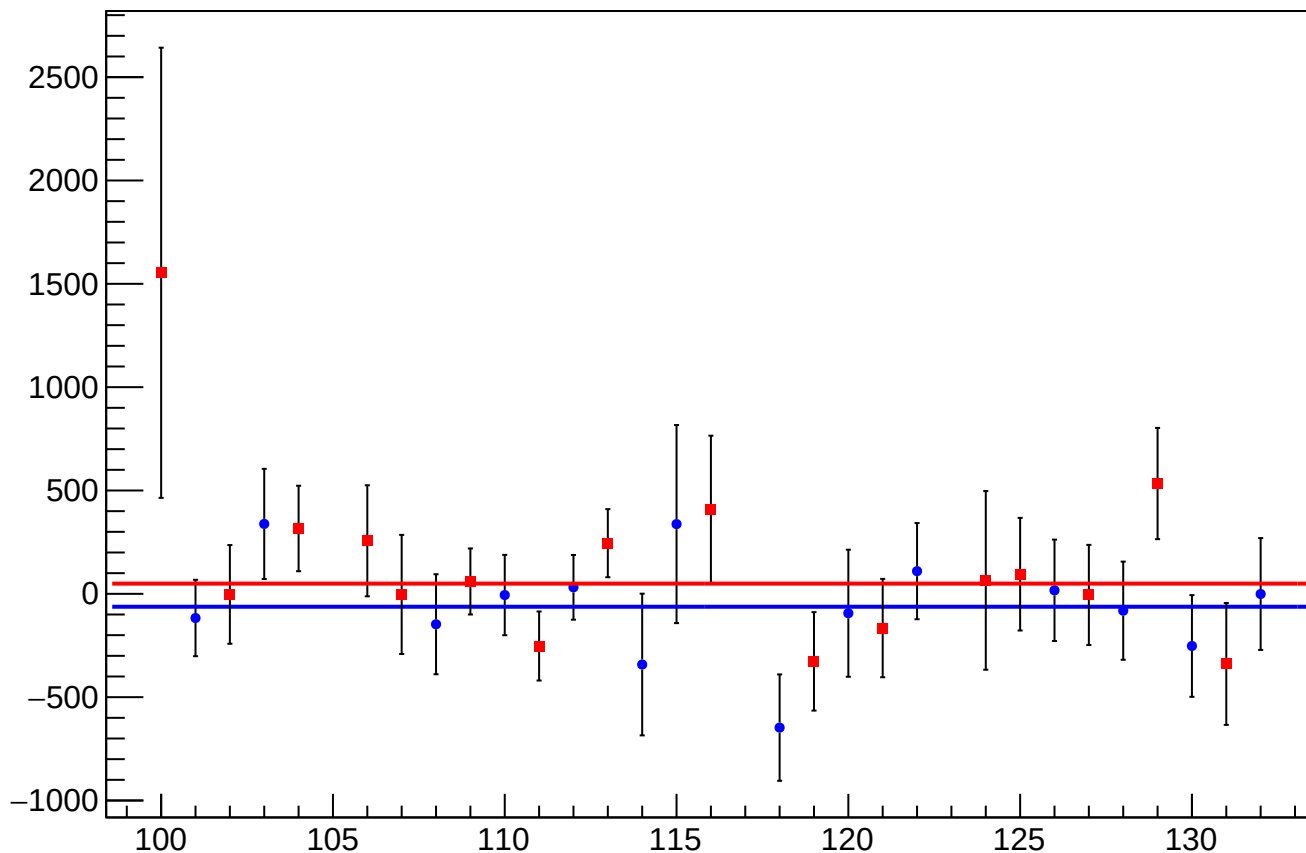
Right: 1220.129+/-0.261 χ^2/NDF : 2371819.9/29

In: 1273.496+/-0.390 χ^2/NDF : 1164209.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1220.129+/-0.261 χ^2/NDF : 2371819.9/29

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -62.468 $\pm$ 63.343 χ^2 /NDF: 10.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 49.441 $\pm$ 59.356 χ^2 /NDF: 18.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

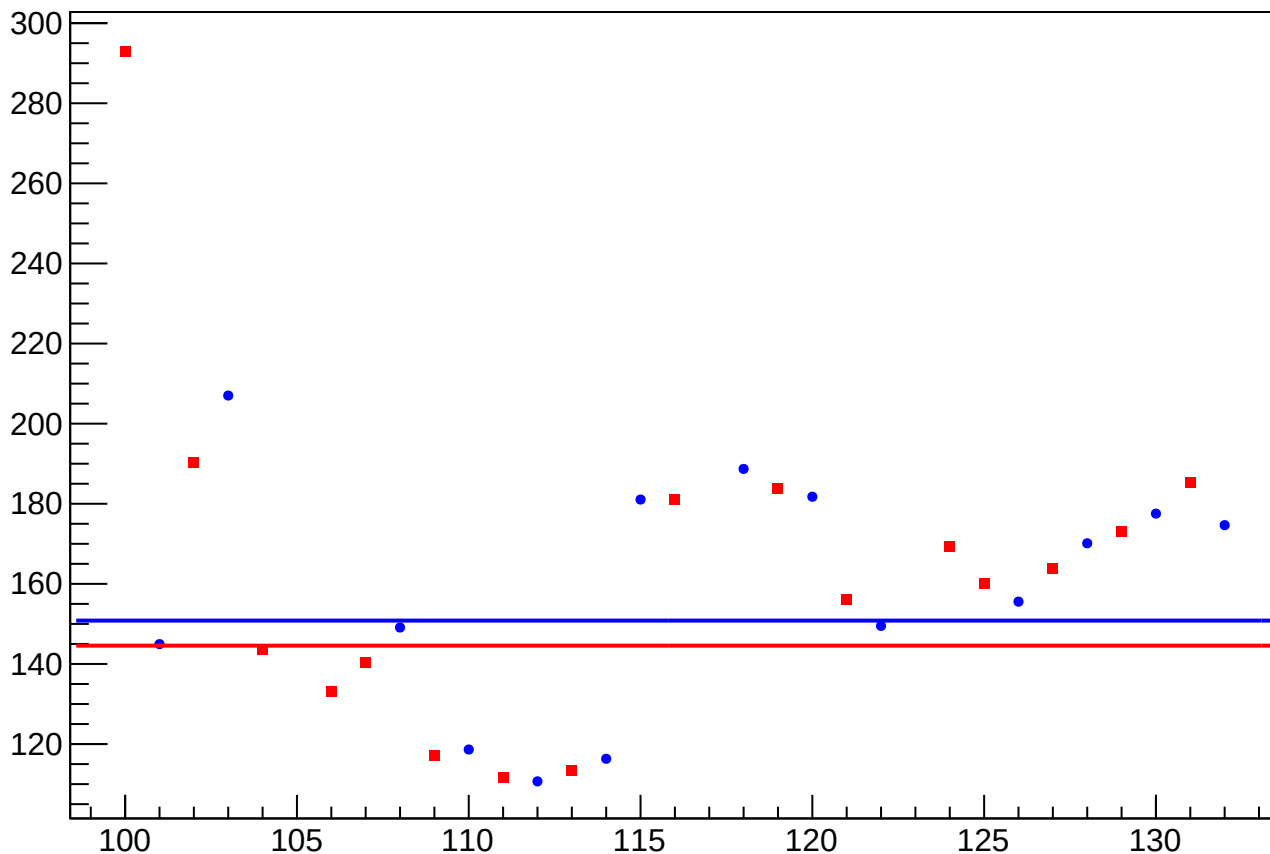
Right: -2.881 $\pm$ 43.312 χ^2 /NDF: 30.7/29

In: -62.468 $\pm$ 63.343 χ^2 /NDF:10.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.881 $\pm$ 43.312 χ^2 /NDF: 30.7/29

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.828+/-0.045 χ^2/NDF : 422212.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.573+/-0.042 χ^2/NDF : 489618.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

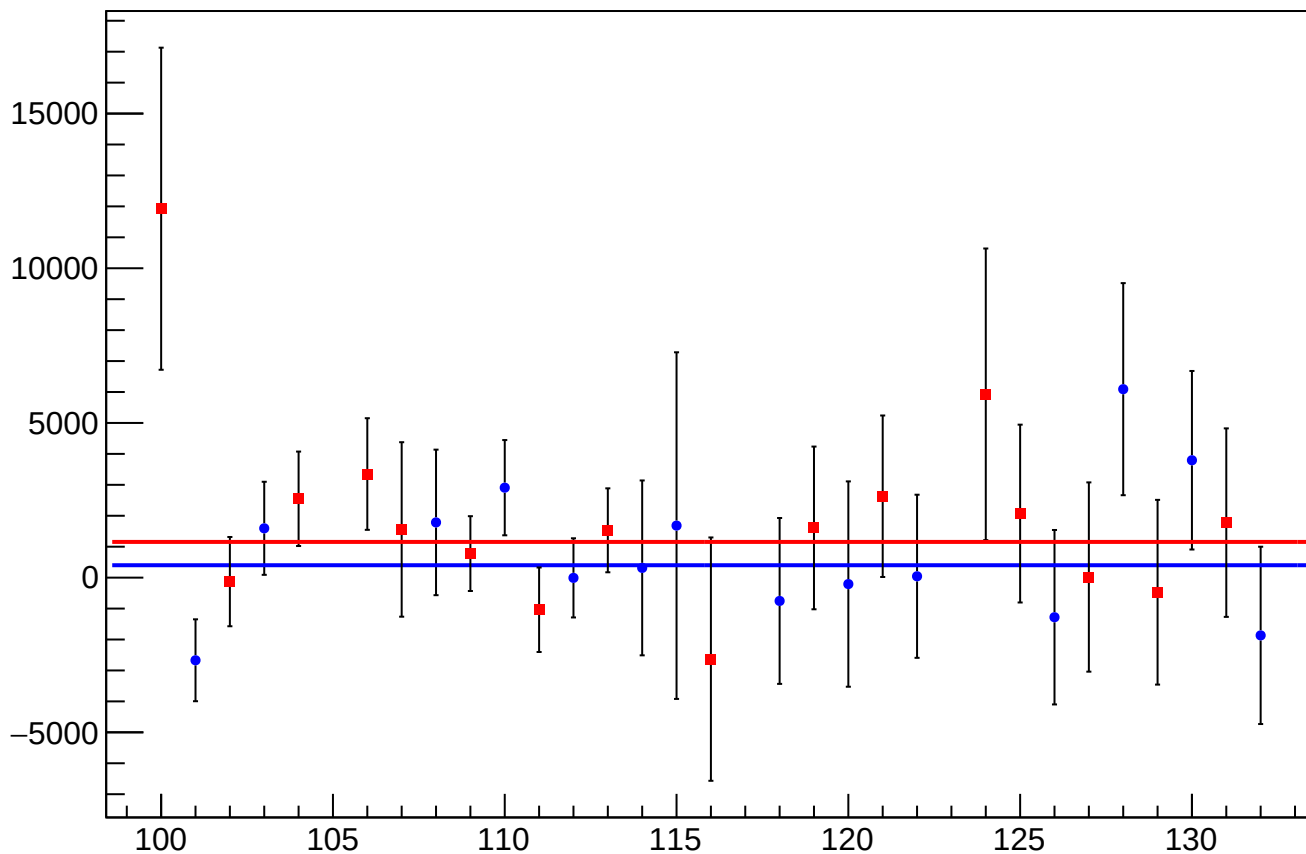
Right: 147.498+/-0.031 χ^2/NDF : 922216.5/29

In: 150.828+/-0.045 χ^2/NDF : 422212.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.498+/-0.031 χ^2/NDF : 922216.5/29

asym_sam_48_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 401.001+/-558.128 χ^2/NDF : 14.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1154.501+/-500.470 χ^2/NDF : 13.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

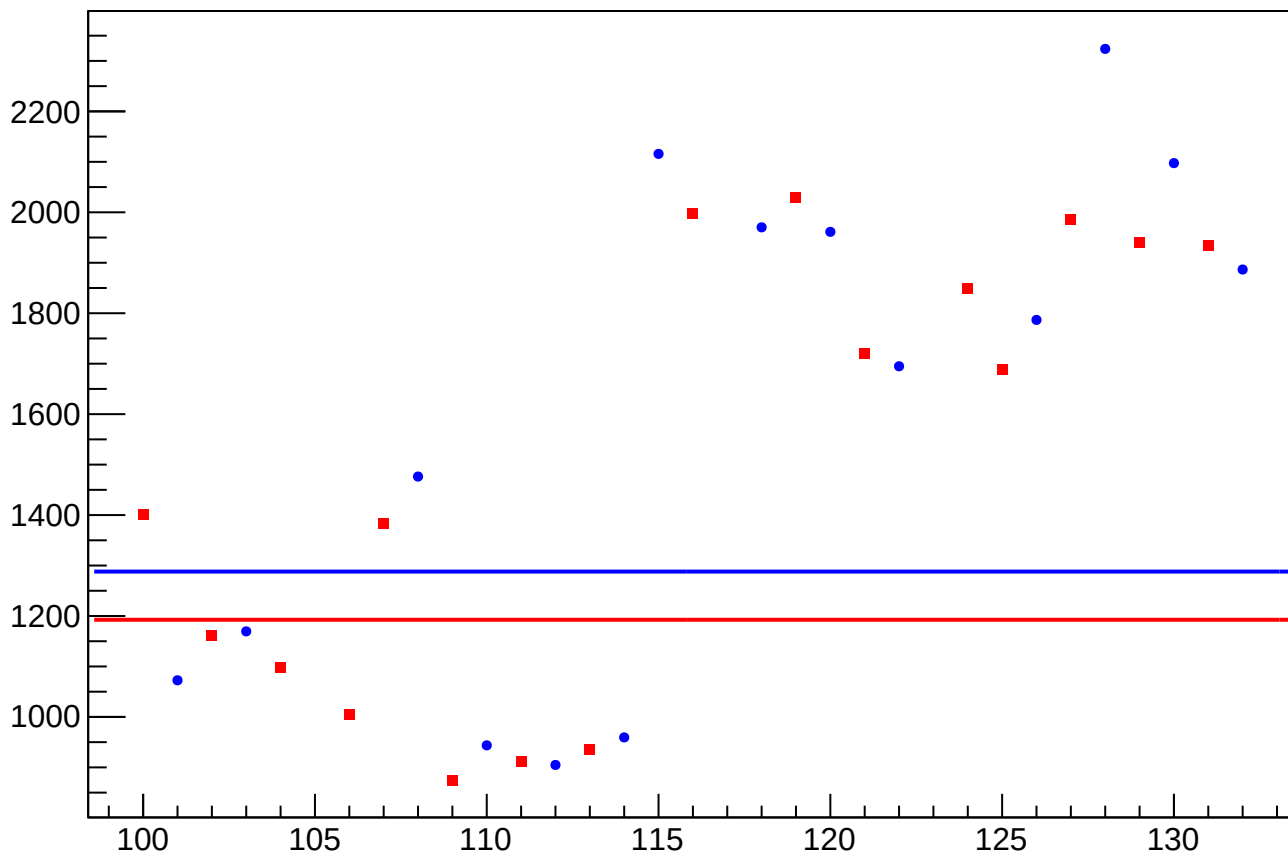
Right: 818.670+/-372.608 χ^2/NDF : 28.6/29

In: 401.001+/-558.128 χ^2/NDF : 14.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 818.670+/-372.608 χ^2/NDF : 28.6/29

asym_sam_48_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1288.054+/-0.395 χ^2/NDF : 1177754.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1192.523+/-0.354 χ^2/NDF : 1182095.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

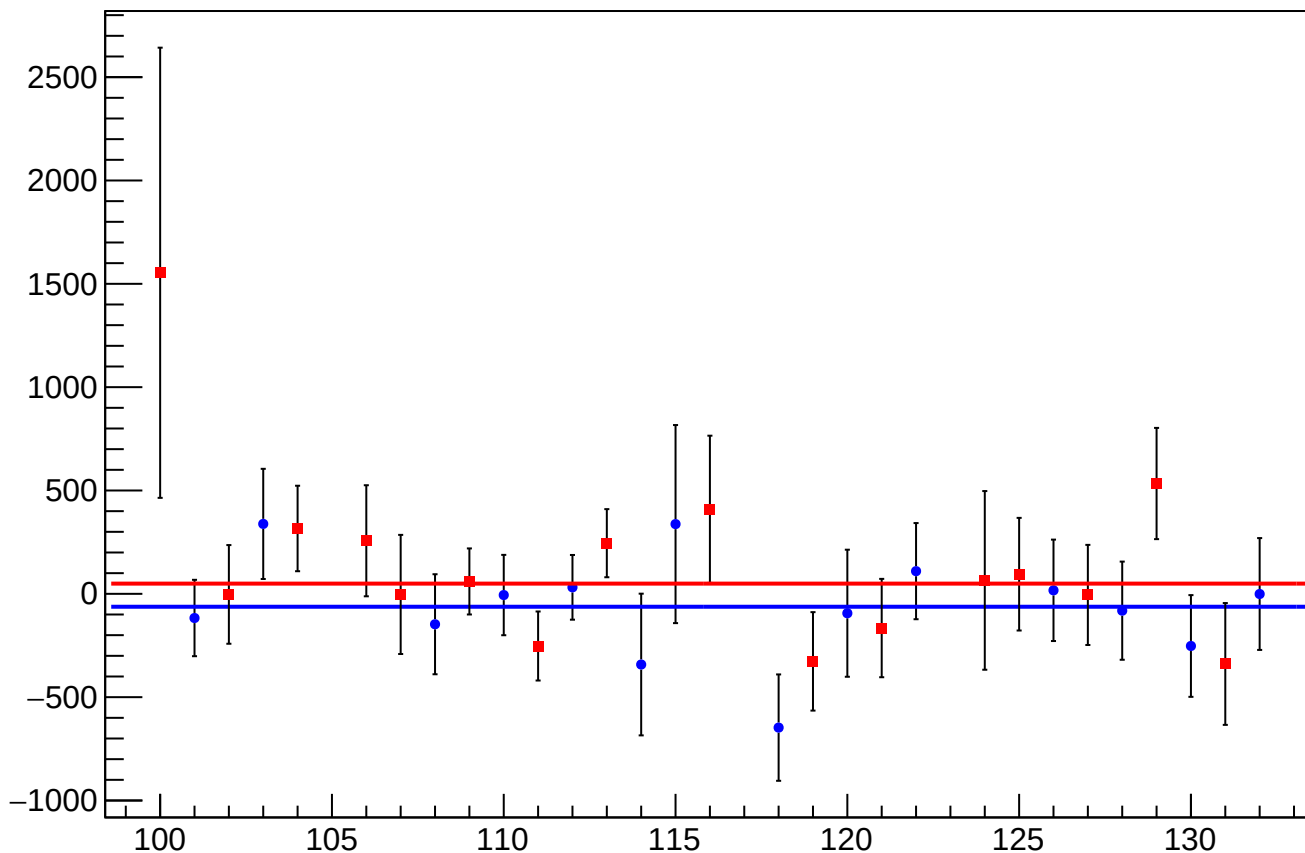
Right: 1235.101+/-0.263 χ^2/NDF : 2392328.1/29

In: 1288.054+/-0.395 χ^2/NDF : 1177754.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1235.101+/-0.263 χ^2/NDF : 2392328.1/29

eigen_dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -62.468+/-63.343 χ^2/NDF : 10.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 49.440+/-59.356 χ^2/NDF : 18.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

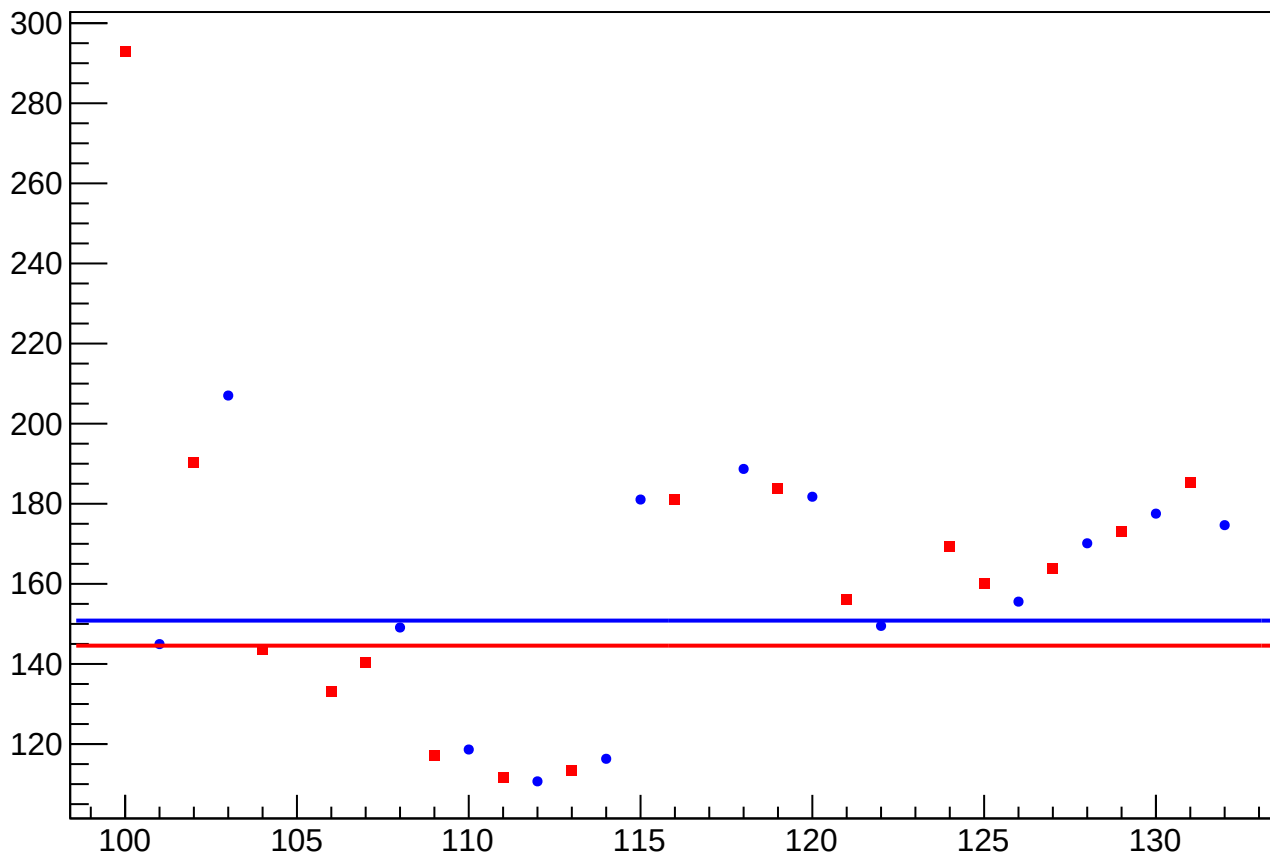
Right: -2.881+/-43.312 χ^2/NDF : 30.7/29

In: -62.468+/-63.343 χ^2/NDF :10.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.881+/-43.312 χ^2/NDF : 30.7/29

eigen_dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.828+/-0.045 χ^2/NDF : 422215.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.573+/-0.042 χ^2/NDF : 489619.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

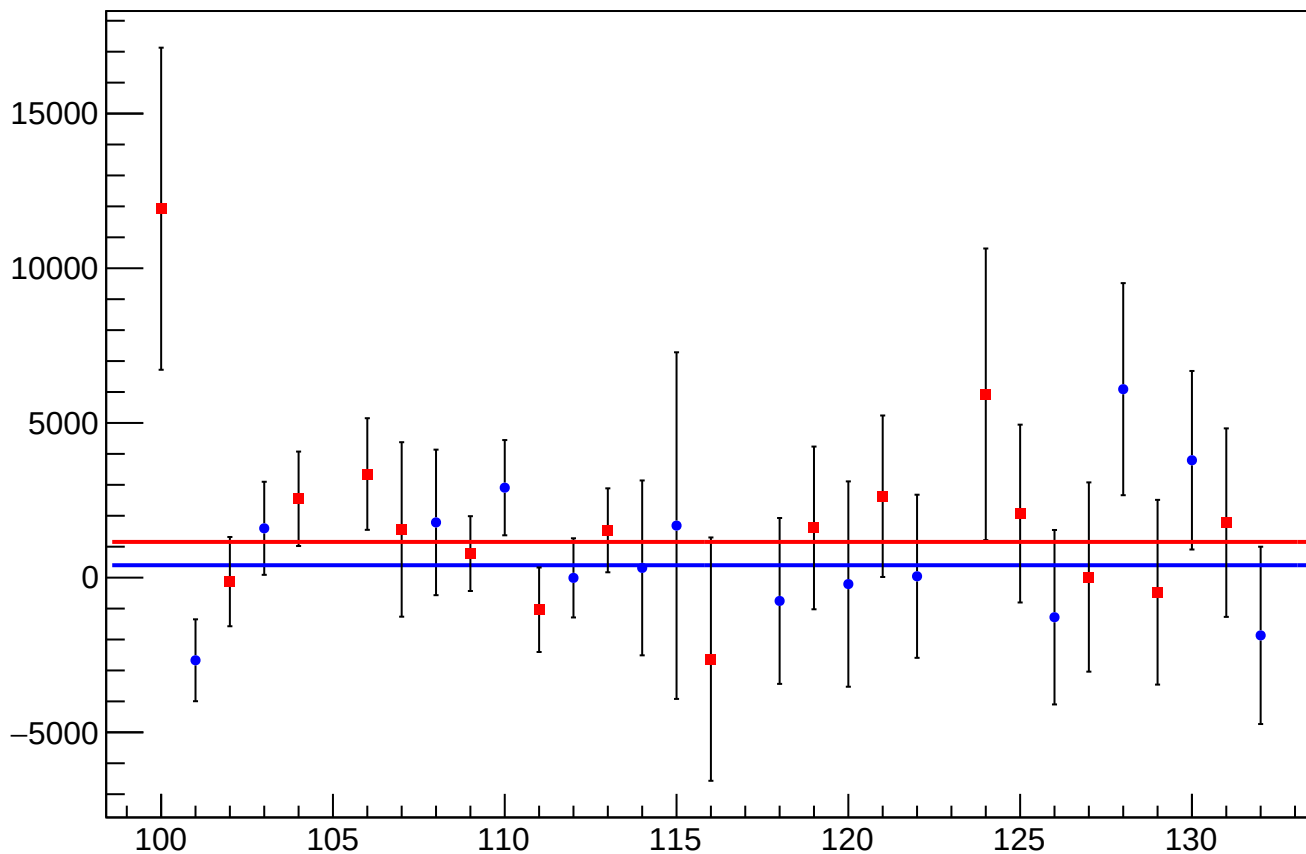
Right: 147.498+/-0.031 χ^2/NDF : 922220.3/29

In: 150.828+/-0.045 χ^2/NDF : 422215.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.498+/-0.031 χ^2/NDF : 922220.3/29

asym_sam_48_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 401.001 $\pm$ 558.128 χ^2 /NDF: 14.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1154.499 $\pm$ 500.469 χ^2 /NDF: 13.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

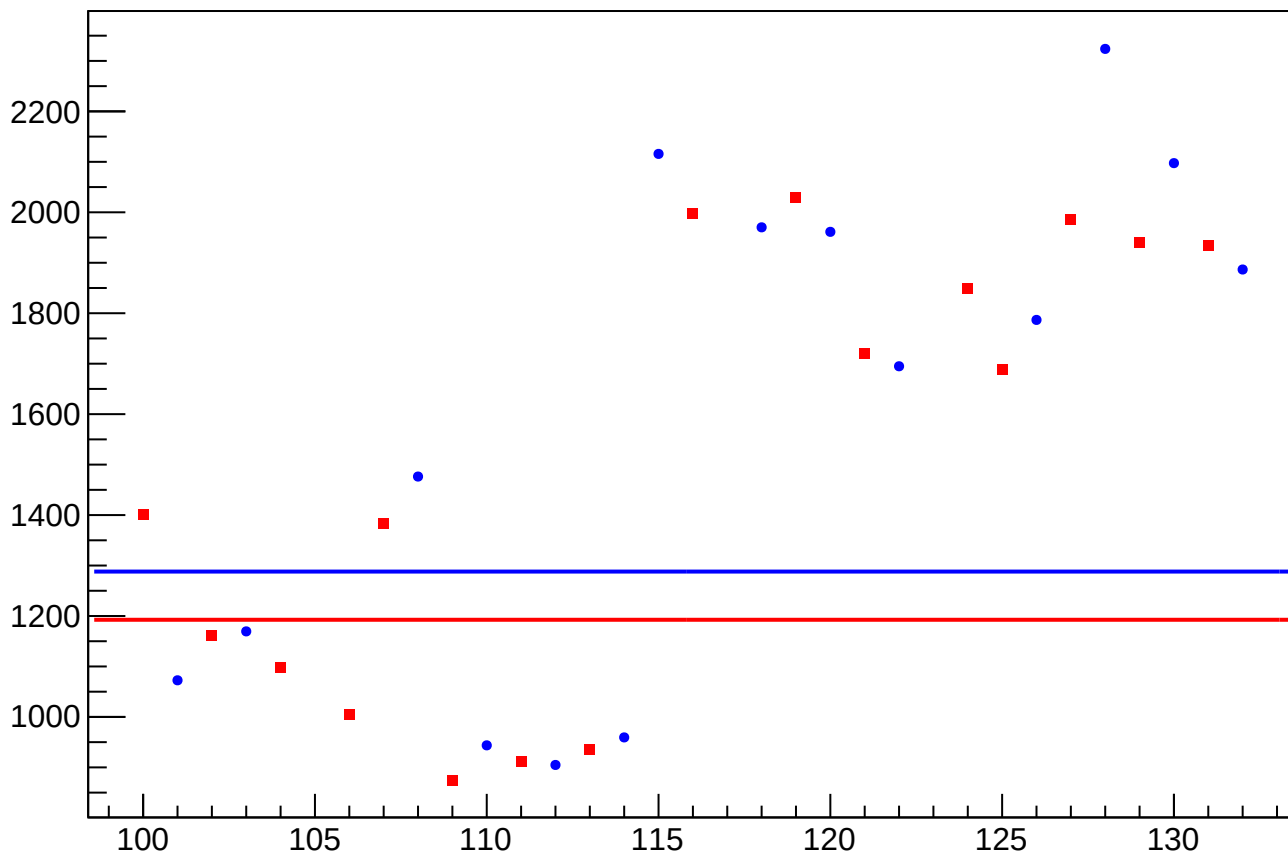
Right: 818.669 $\pm$ 372.608 χ^2 /NDF: 28.6/29

In: 401.001 $\pm$ 558.128 χ^2 /NDF:14.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 818.669 $\pm$ 372.608 χ^2 /NDF: 28.6/29

asym_sam_48_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1288.053+/-0.395 χ^2/NDF : 1177758.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1192.522+/-0.354 χ^2/NDF : 1182098.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

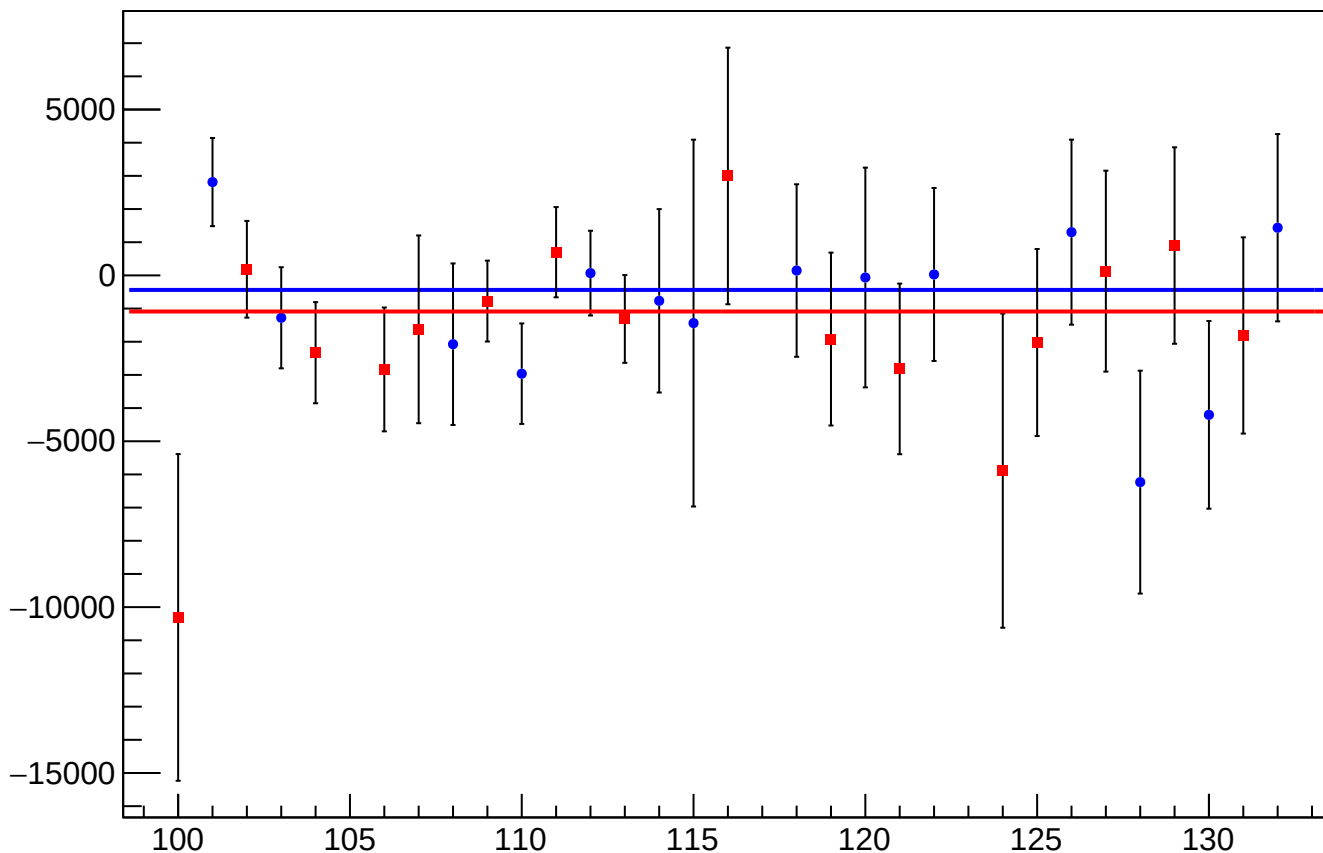
Right: 1235.100+/-0.263 χ^2/NDF : 2392336.0/29

In: 1288.053+/-0.395 χ^2/NDF : 1177758.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1235.100+/-0.263 χ^2/NDF : 2392336.0/29

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -437.584 ± 556.299 χ^2/NDF : 15.4/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1088.668 ± 499.267 χ^2/NDF : 11.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

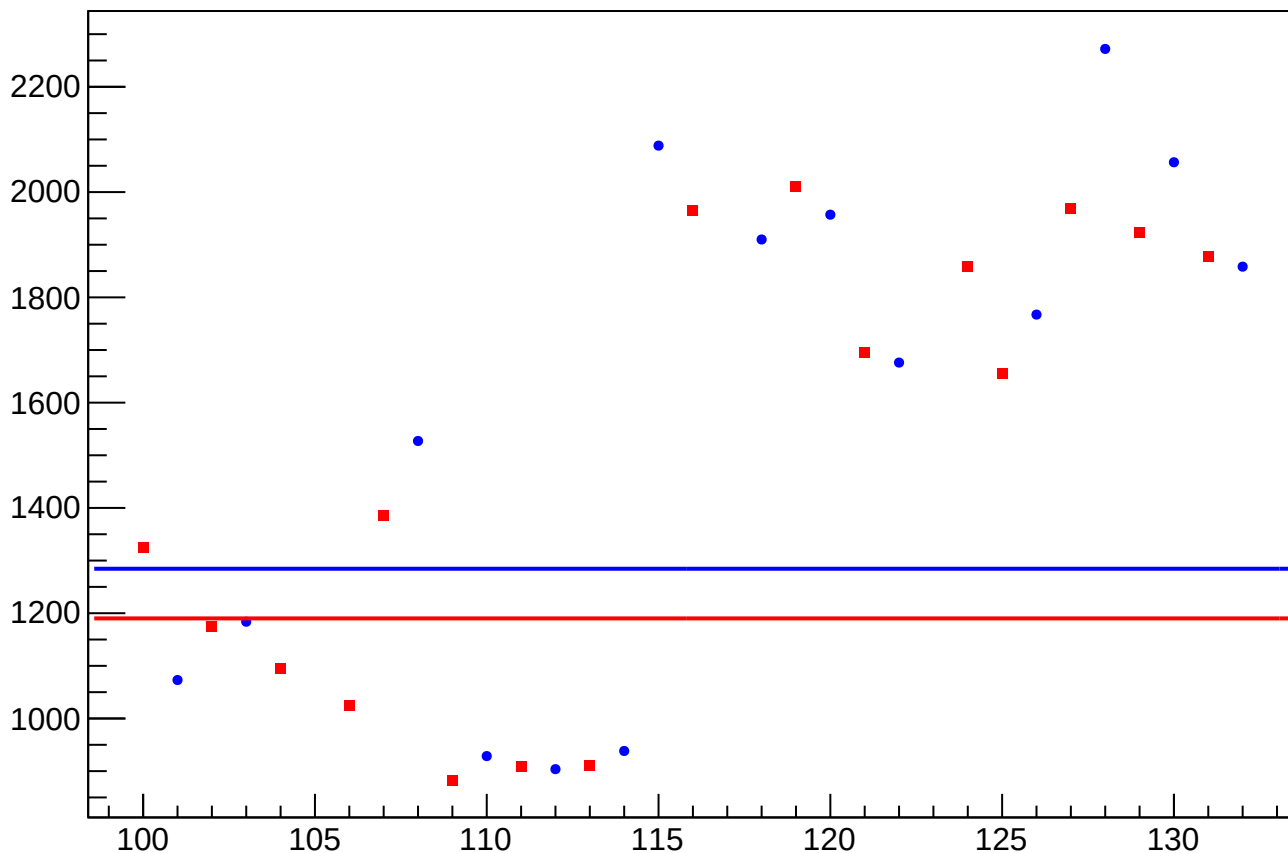
Right: -798.202 ± 371.568 χ^2/NDF : 27.3/29

In: -437.584 ± 556.299 χ^2/NDF : 15.4/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -798.202 ± 371.568 χ^2/NDF : 27.3/29

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1284.471+/-0.393 χ^2/NDF : 1148606.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1190.138+/-0.353 χ^2/NDF : 1149688.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

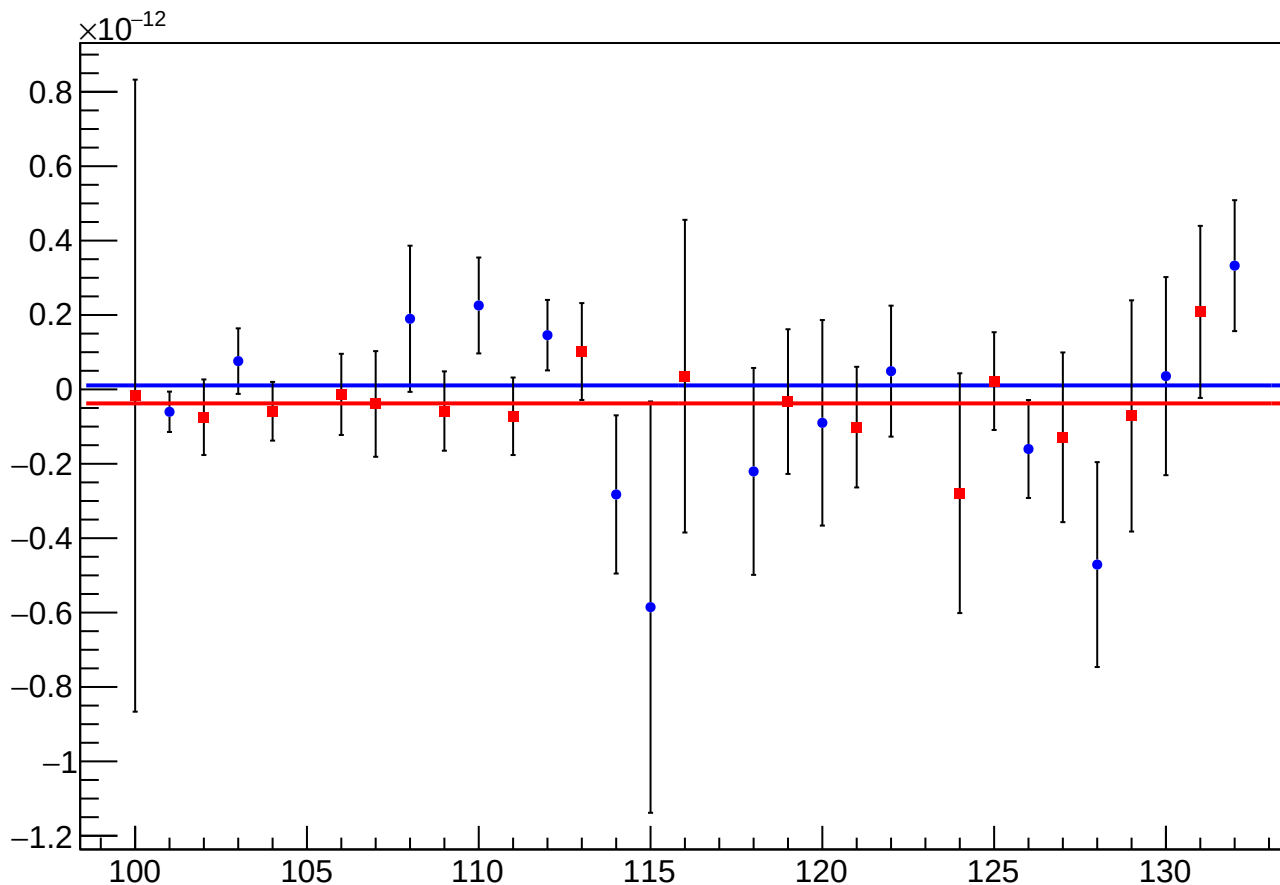
Right: 1232.222+/-0.263 χ^2/NDF : 2330148.0/29

In: 1284.471+/-0.393 χ^2/NDF : 1148606.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1232.222+/-0.263 χ^2/NDF : 2330148.0/29

asym_sam_48_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 19.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

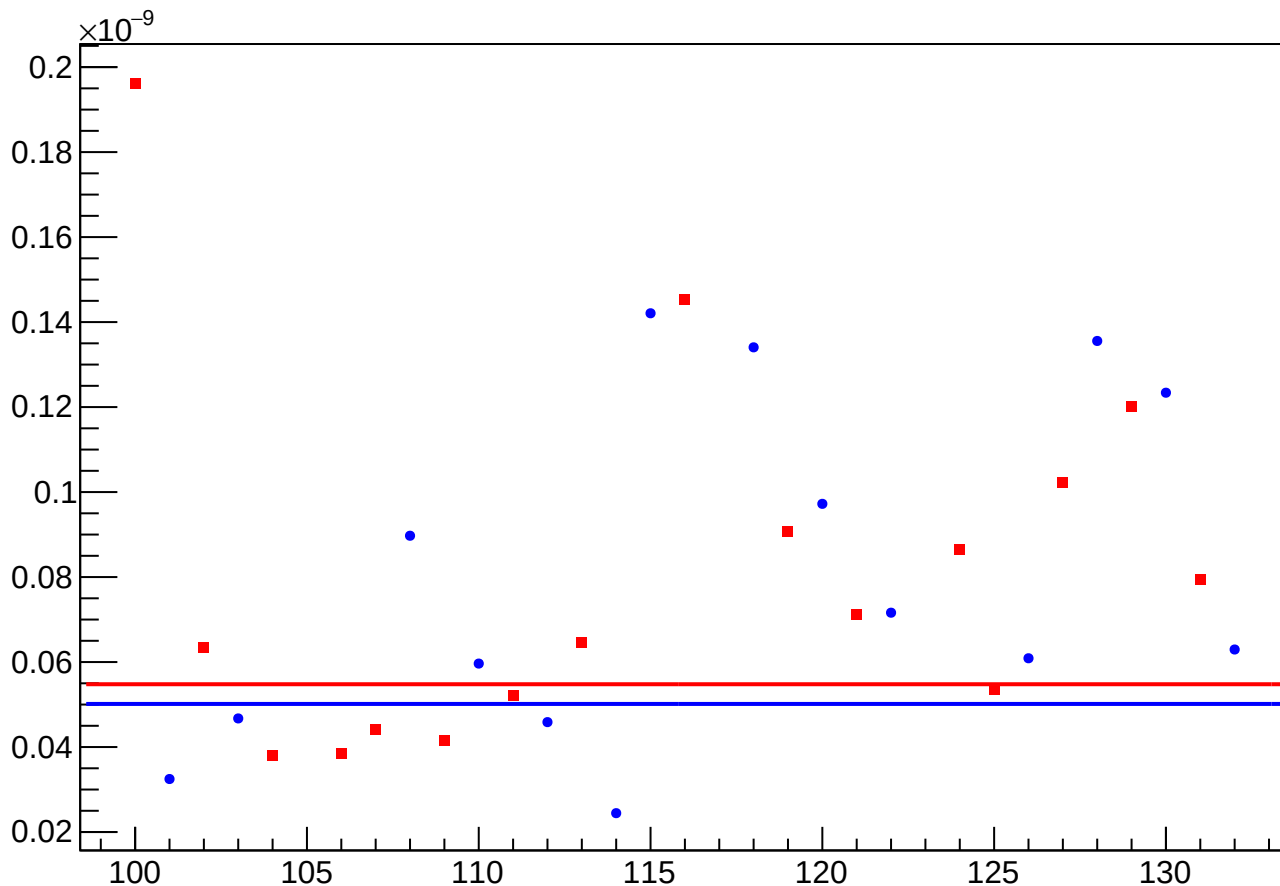
Right: -0.000+/-0.000 χ^2/NDF : 24.7/29

In: 0.000+/-0.000 χ^2/NDF : 19.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.7/29

asym_sam_48_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1033106.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 658205.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

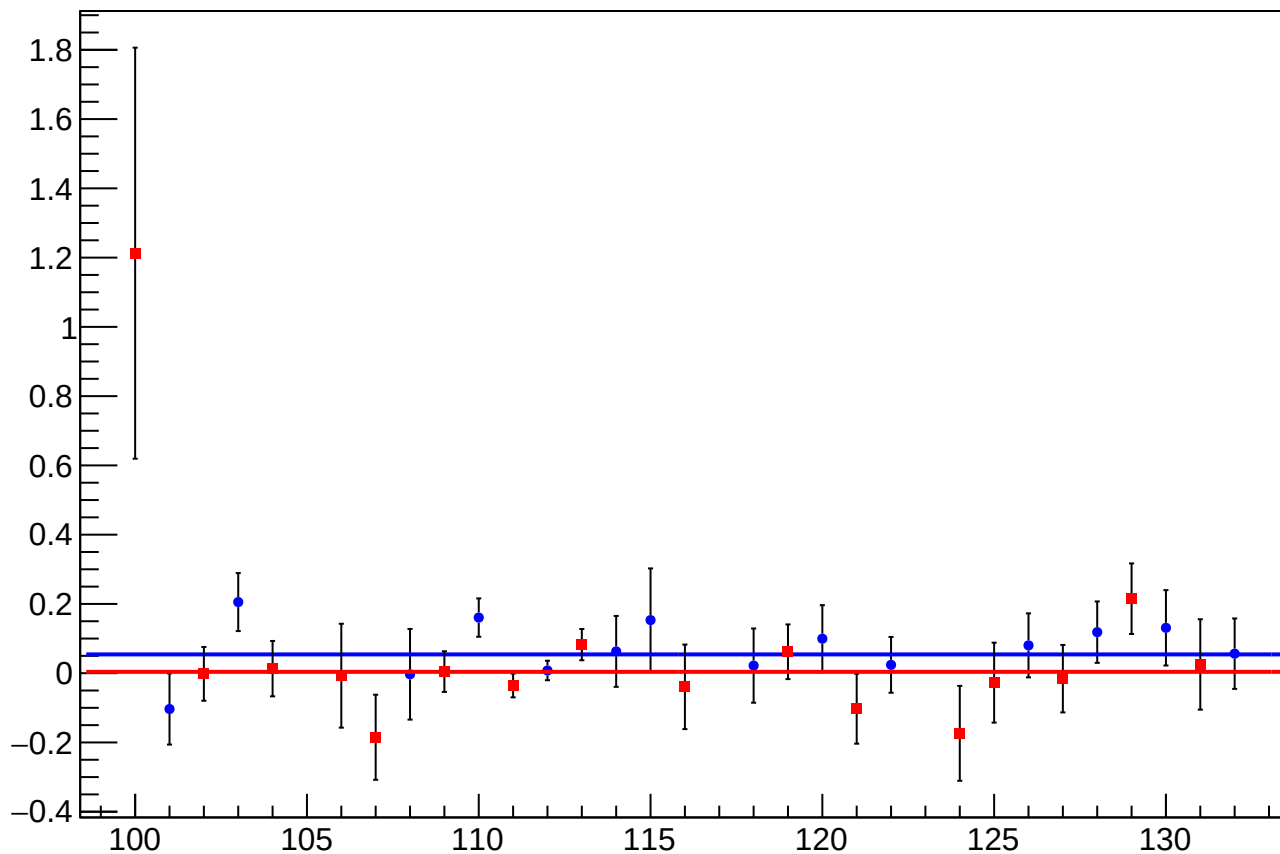
Right: 0.000+/-0.000 χ^2/NDF : 1709407.9/29

In: 0.000+/-0.000 χ^2/NDF : 1033106.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1709407.9/29

asym_sam_48_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.054+/-0.019 χ^2/NDF : 14.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.019 χ^2/NDF : 18.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

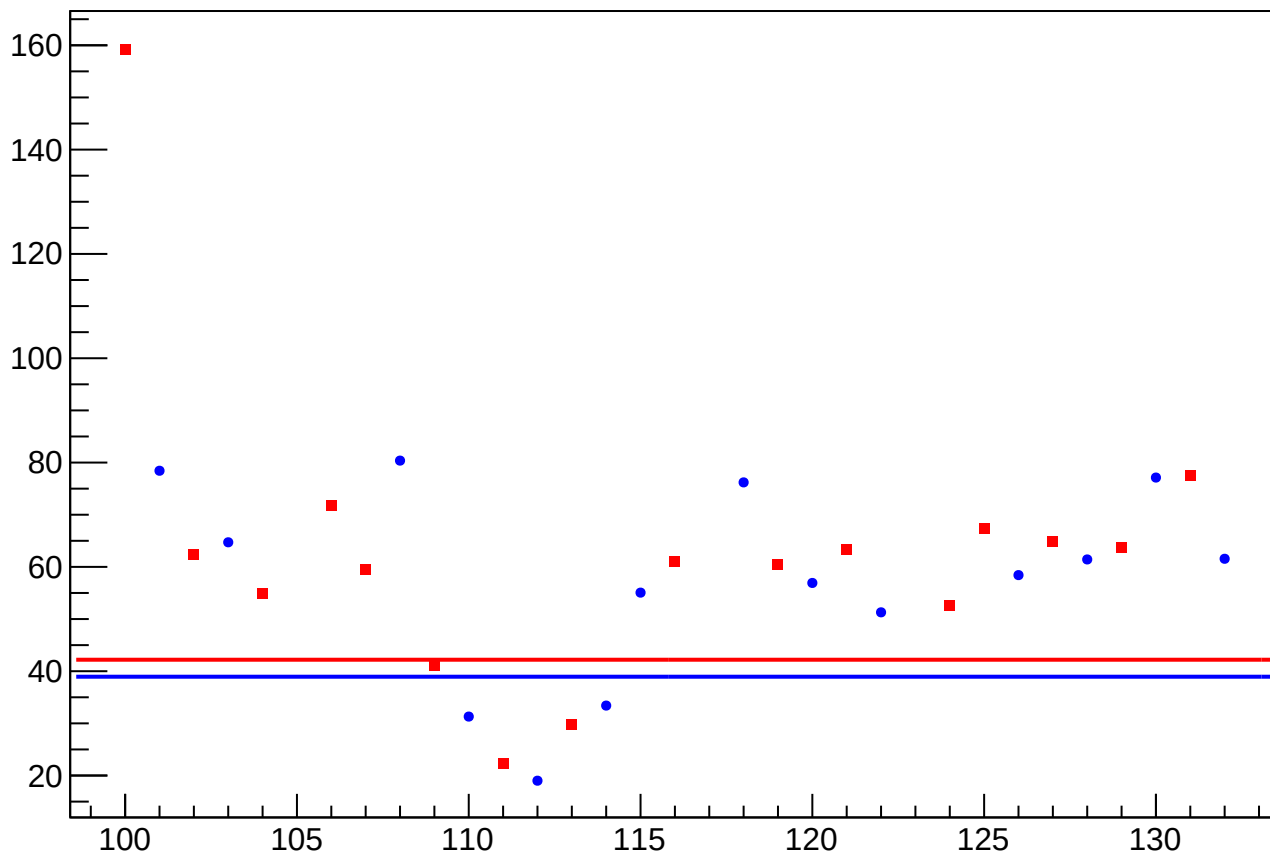
Right: 0.029+/-0.013 χ^2/NDF : 36.5/29

In: 0.054+/-0.019 χ^2/NDF : 14.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.013 χ^2/NDF : 36.5/29

asym_sam_48_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.944+/-0.013 χ^2/NDF : 2675809.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.201+/-0.013 χ^2/NDF : 1901099.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

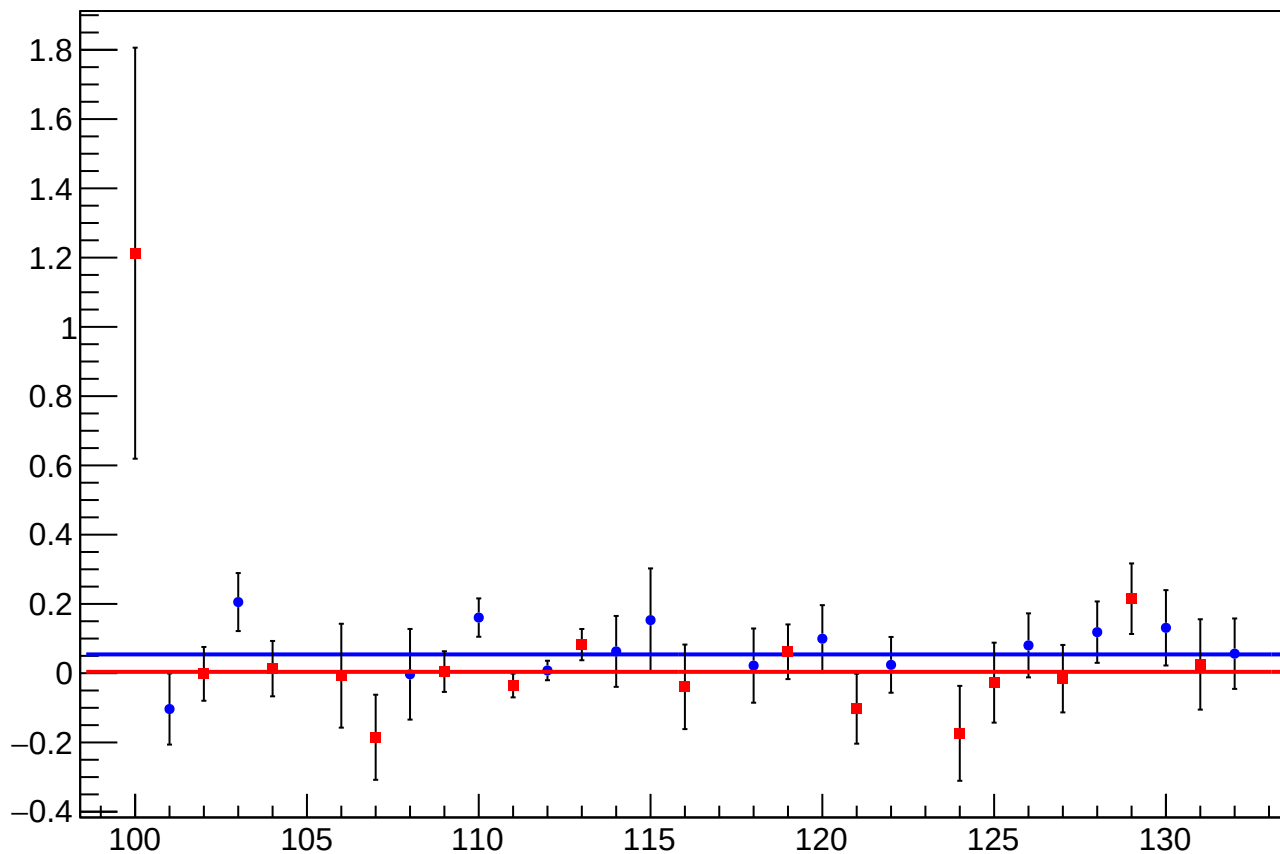
Right: 40.568+/-0.009 χ^2/NDF : 4606491.8/29

In: 38.944+/-0.013 χ^2/NDF : 2675809.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.568+/-0.009 χ^2/NDF : 4606491.8/29

asym_sam_48_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.054+/-0.019 χ^2/NDF : 14.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.019 χ^2/NDF : 18.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

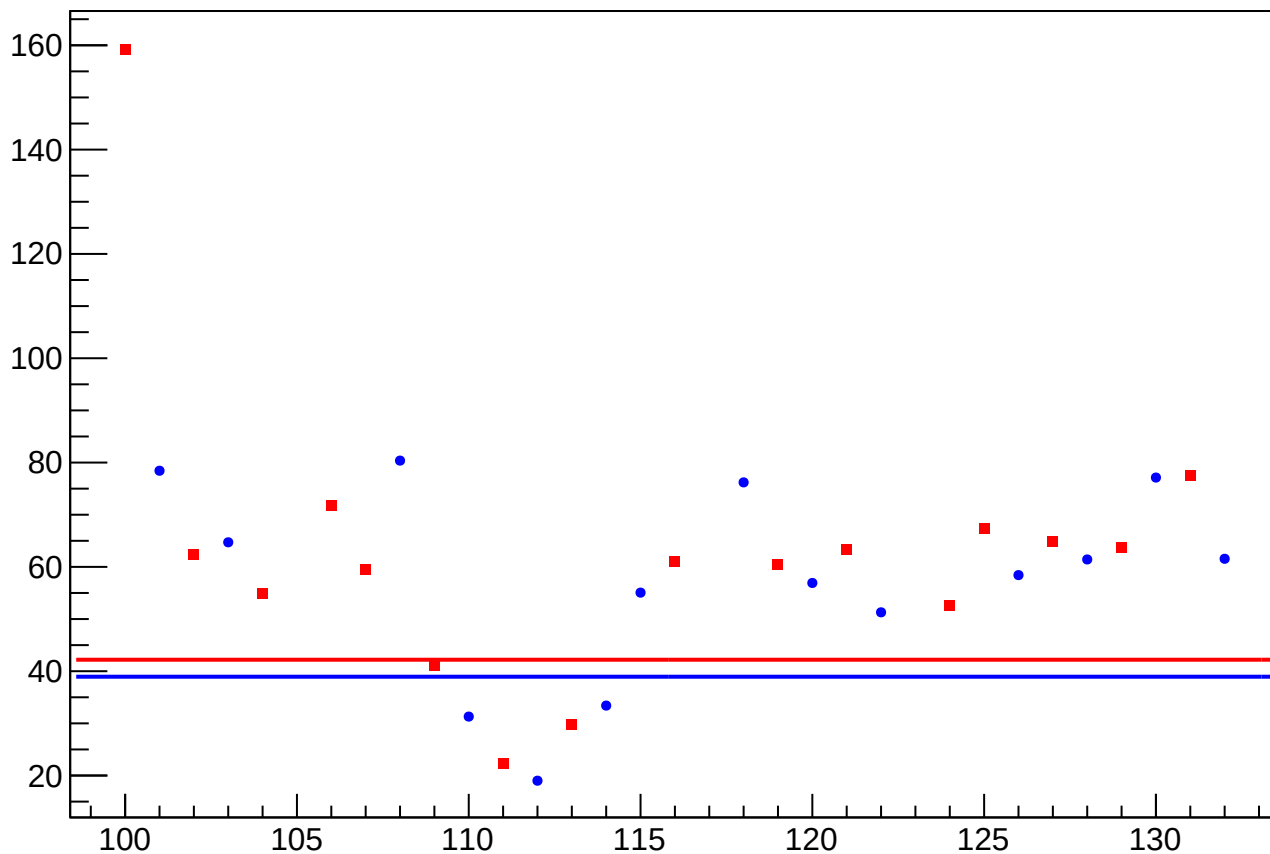
Right: 0.029+/-0.013 χ^2/NDF : 36.5/29

In: 0.054+/-0.019 χ^2/NDF : 14.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.013 χ^2/NDF : 36.5/29

asym_sam_48_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.944+/-0.013 χ^2/NDF : 2675809.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.201+/-0.013 χ^2/NDF : 1901099.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

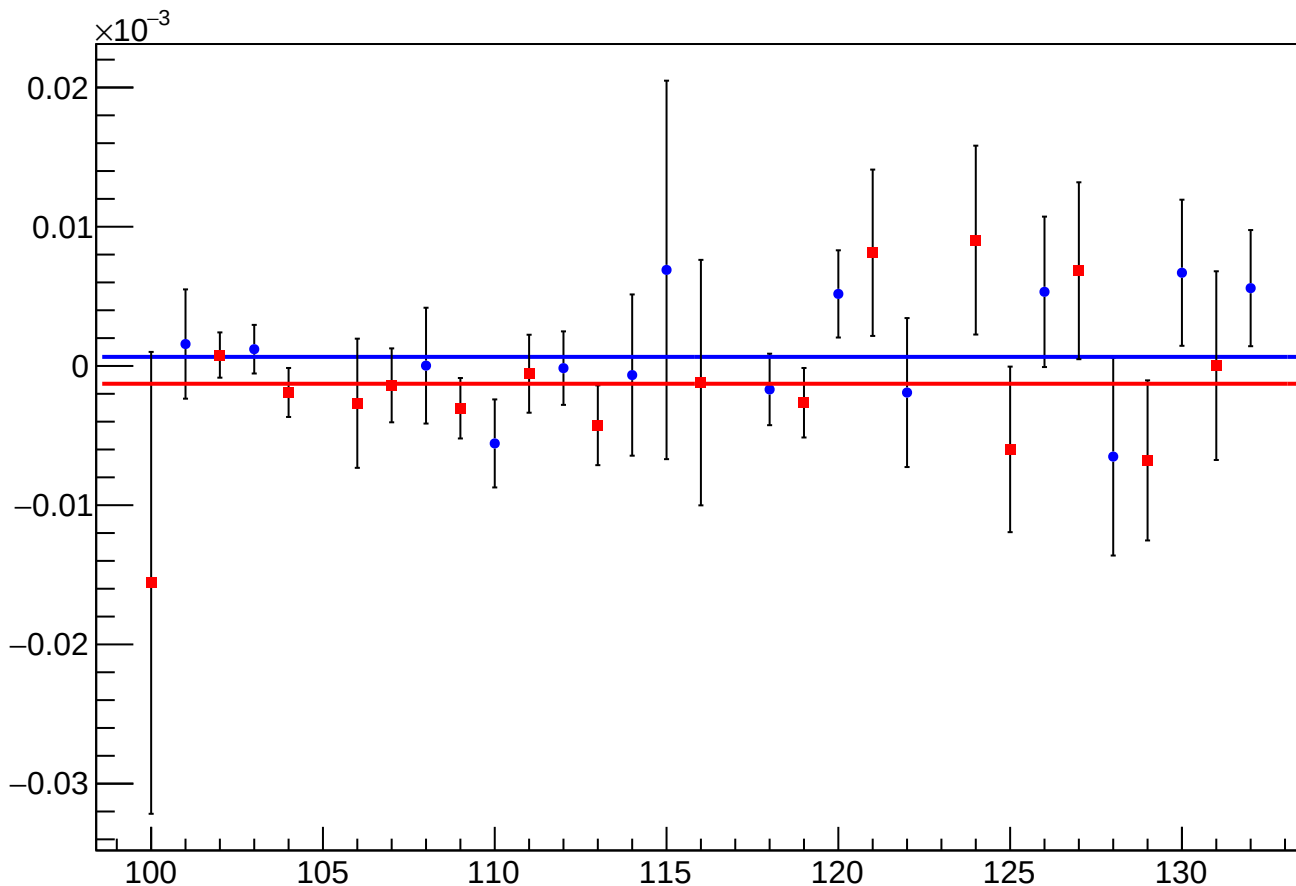
Right: 40.568+/-0.009 χ^2/NDF : 4606491.8/29

In: 38.944+/-0.013 χ^2/NDF : 2675809.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.568+/-0.009 χ^2/NDF : 4606491.8/29

asym_sam_48_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

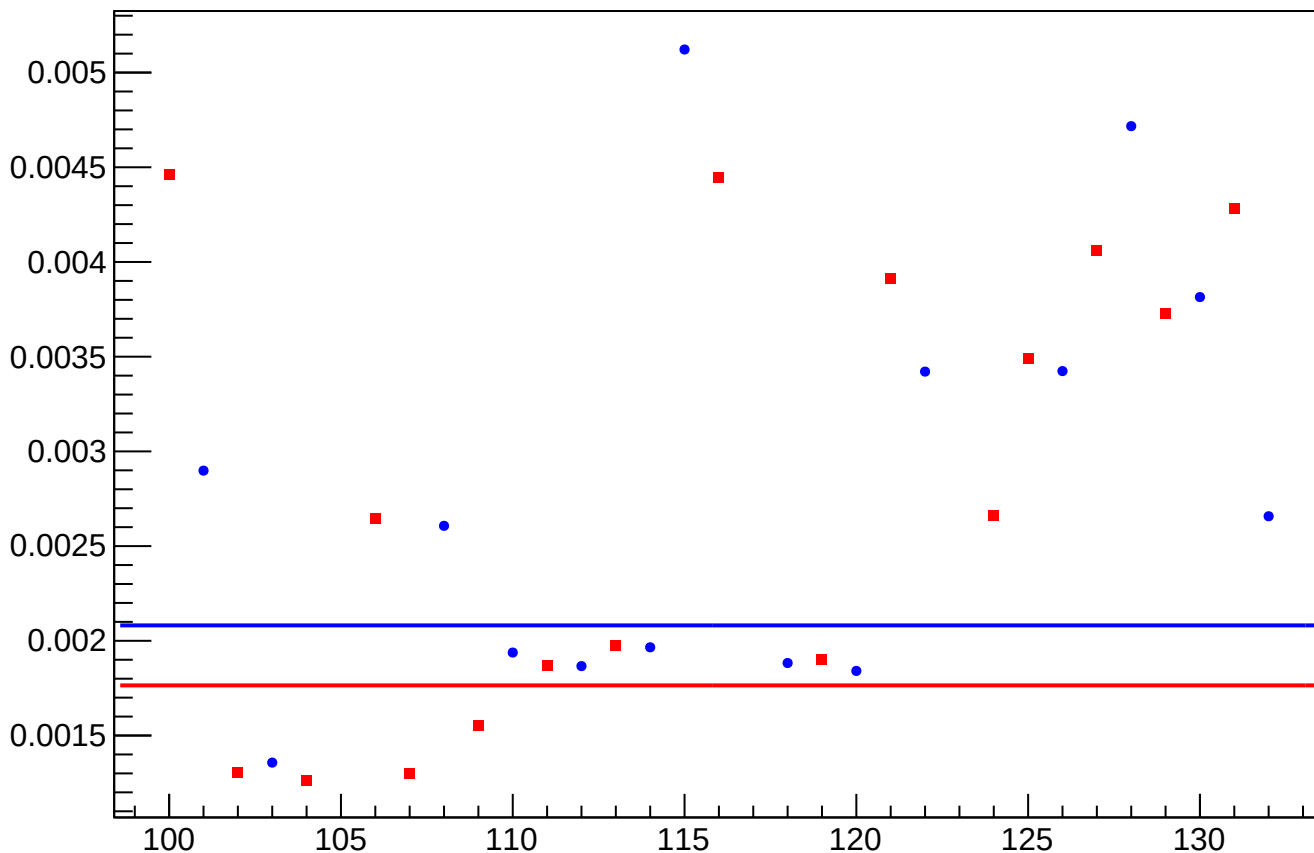
Right: -0.000+/-0.000 χ^2/NDF : 27.3/29

In: 0.000+/-0.000 χ^2/NDF : 12.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.3/29

asym_sam_48_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000

χ^2/NDF : 1385592.9/13

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000

χ^2/NDF : 1965305.2/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.002+/-0.000

χ^2/NDF : 3489046.2/29

In: 0.002+/-0.000

χ^2/NDF : 1385592.9/13

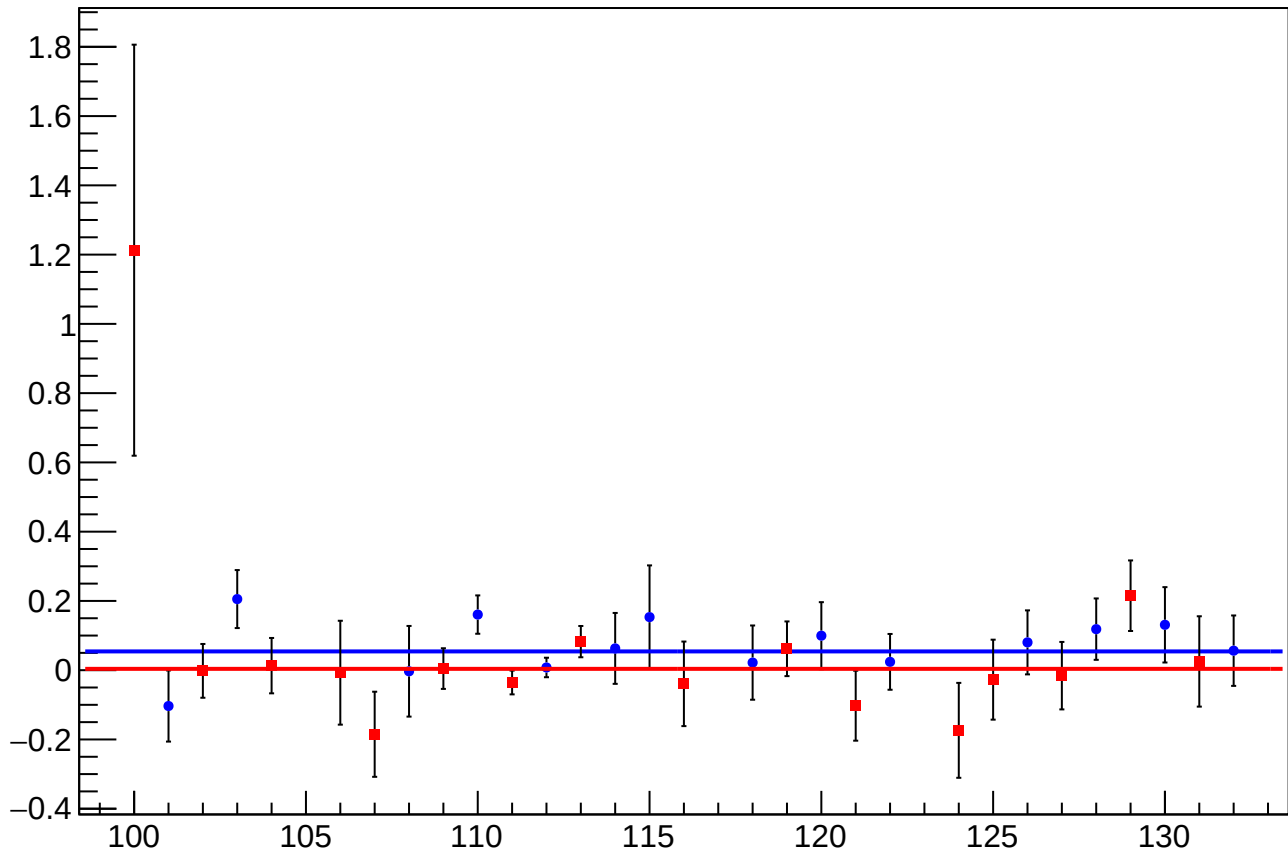
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.002+/-0.000

χ^2/NDF : 3489046.2/29

asym_sam_48_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.054+/-0.019 χ^2/NDF : 14.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.019 χ^2/NDF : 18.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

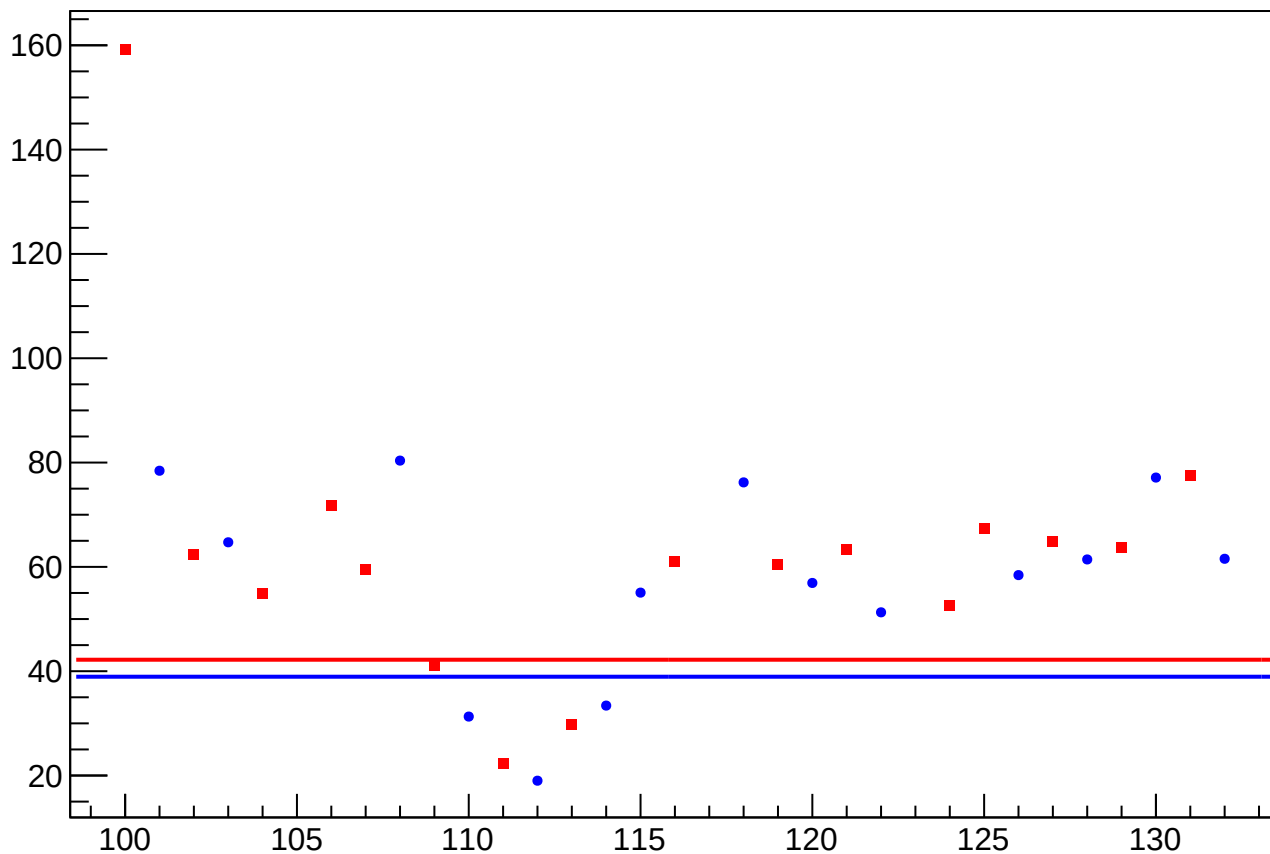
Right: 0.029+/-0.013 χ^2/NDF : 36.5/29

In: 0.054+/-0.019 χ^2/NDF : 14.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.013 χ^2/NDF : 36.5/29

asym_sam_48_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.943+/-0.013 χ^2/NDF : 2675942.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.200+/-0.013 χ^2/NDF : 1901236.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

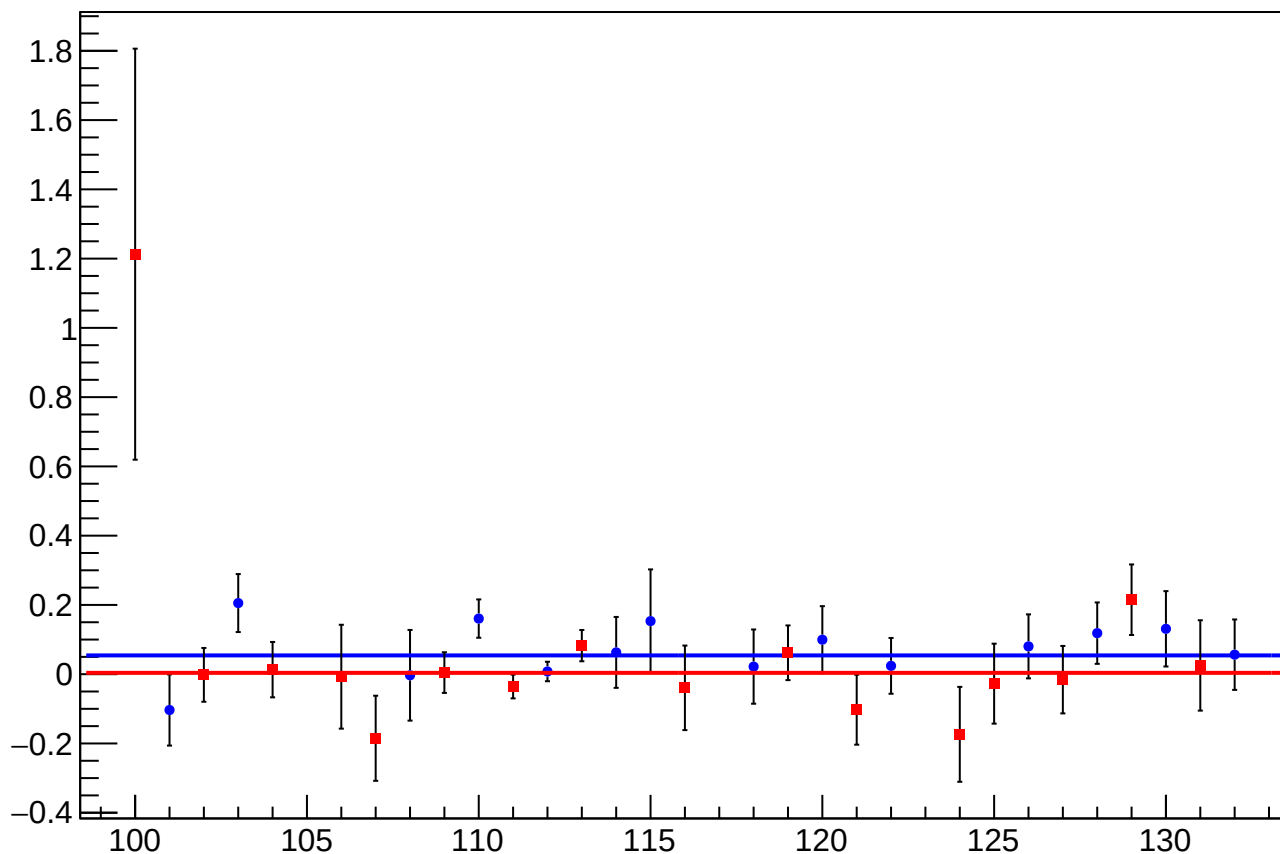
Right: 40.567+/-0.009 χ^2/NDF : 4606762.6/29

In: 38.943+/-0.013 χ^2/NDF : 2675942.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.567+/-0.009 χ^2/NDF : 4606762.6/29

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.054+/-0.019 χ^2/NDF : 14.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.019 χ^2/NDF : 18.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

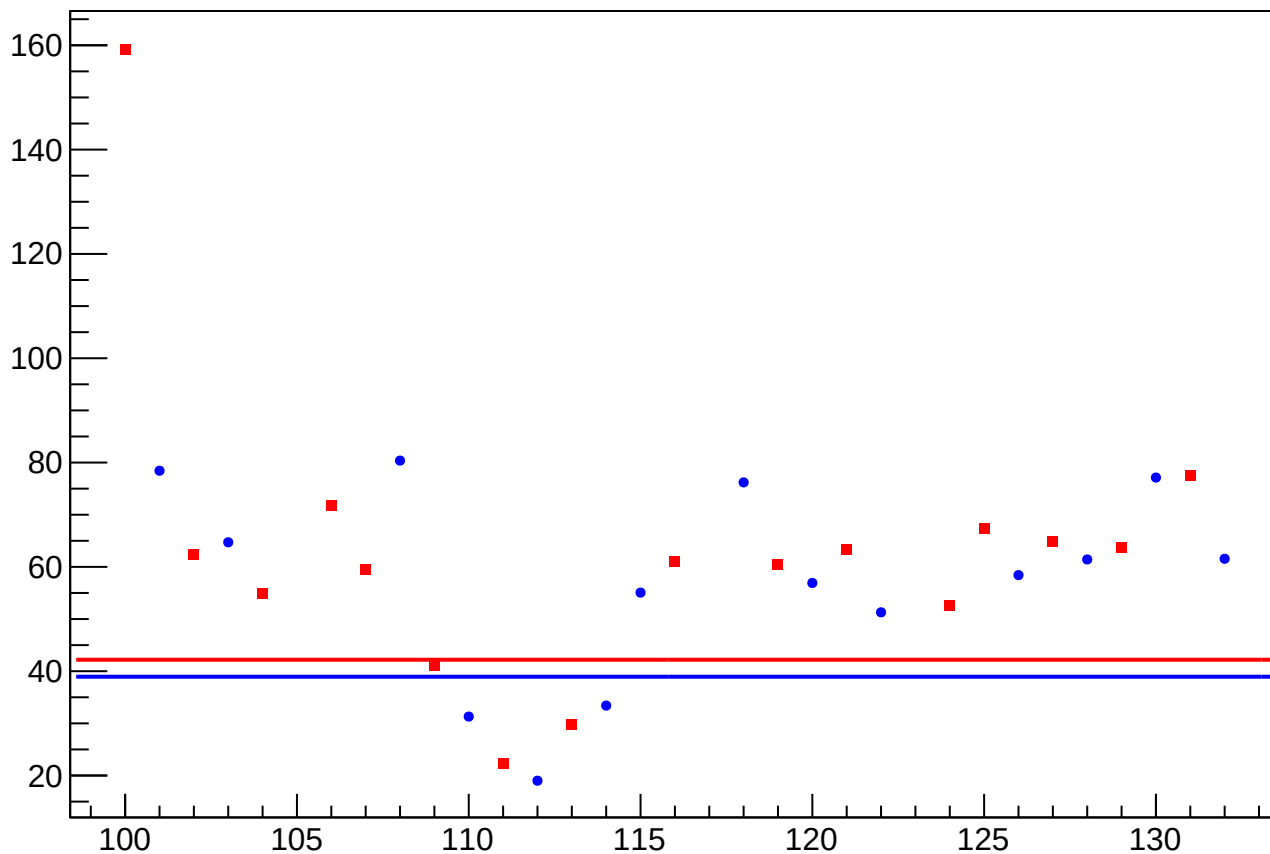
Right: 0.029+/-0.013 χ^2/NDF : 36.5/29

In: 0.054+/-0.019 χ^2/NDF : 14.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.013 χ^2/NDF : 36.5/29

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.943+/-0.013 χ^2/NDF : 2675942.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.200+/-0.013 χ^2/NDF : 1901236.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

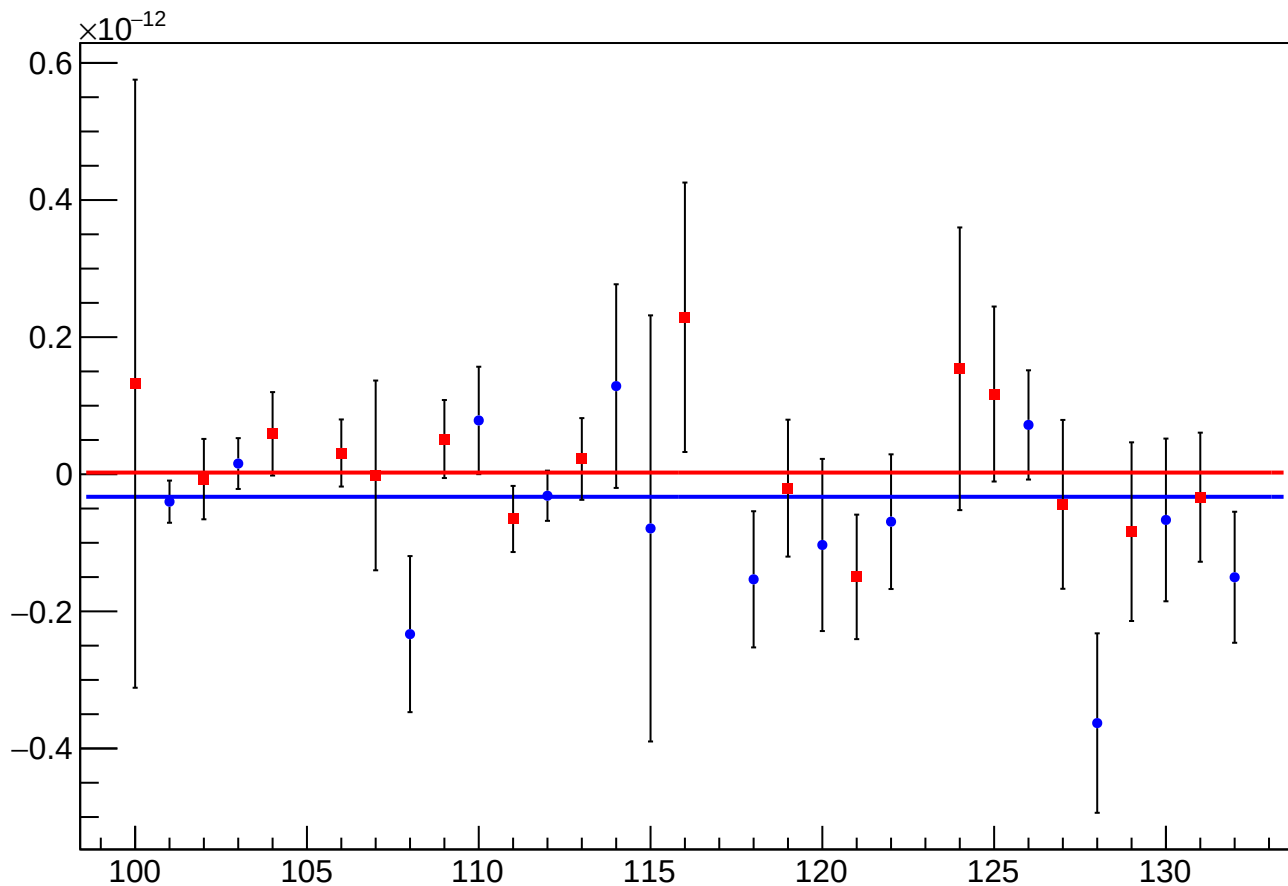
Right: 40.567+/-0.009 χ^2/NDF : 4606762.6/29

In: 38.943+/-0.013 χ^2/NDF : 2675942.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.567+/-0.009 χ^2/NDF : 4606762.6/29

asym_sam_48_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 19.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

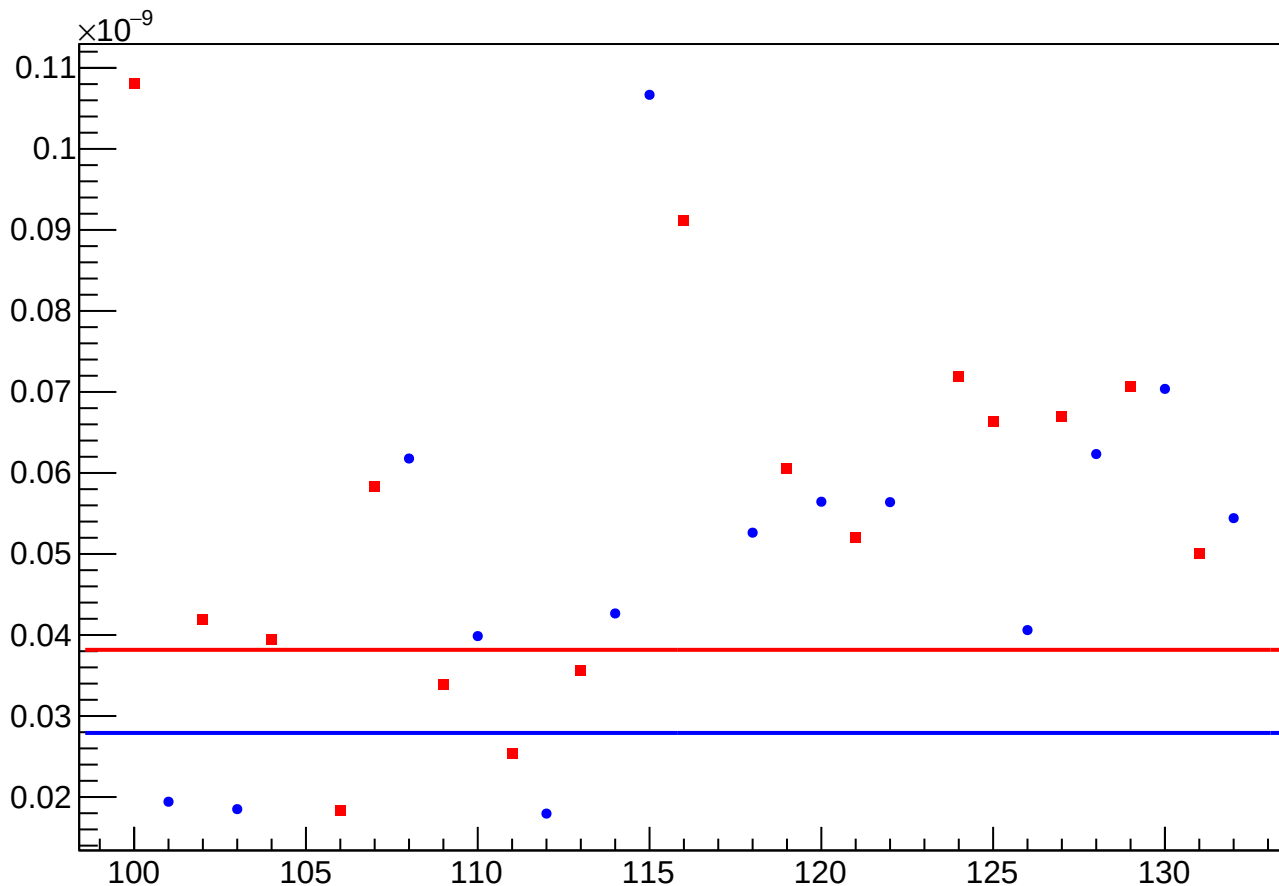
Right: -0.000+/-0.000 χ^2/NDF : 32.0/29

In: -0.000+/-0.000 χ^2/NDF : 19.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.0/29

asym_sam_48_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1795408.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1295801.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

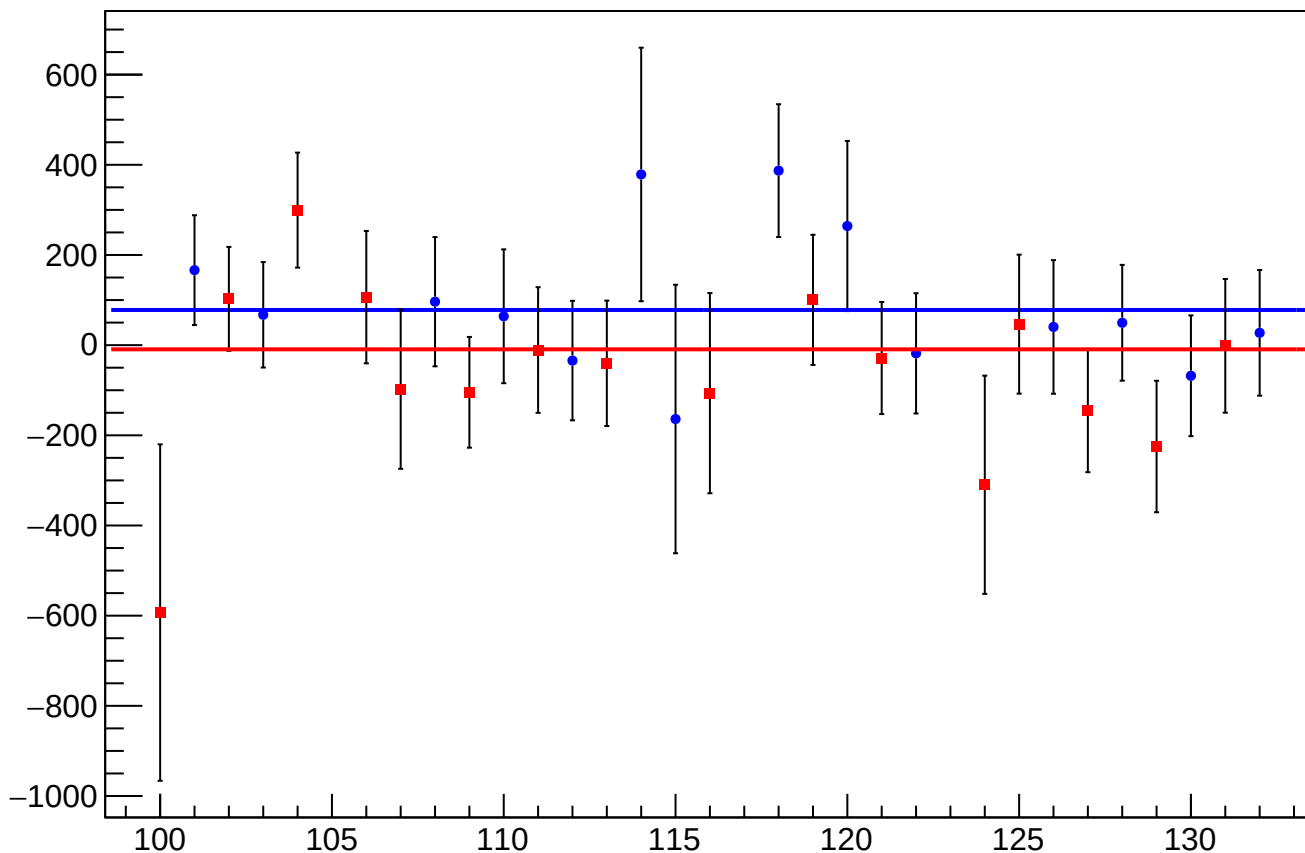
Right: 0.000+/-0.000 χ^2/NDF : 3406585.0/29

In: 0.000+/-0.000 χ^2/NDF : 1795408.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3406585.0/29

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 78.024+/-38.946 χ^2/NDF : 10.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.287+/-37.010 χ^2/NDF : 16.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

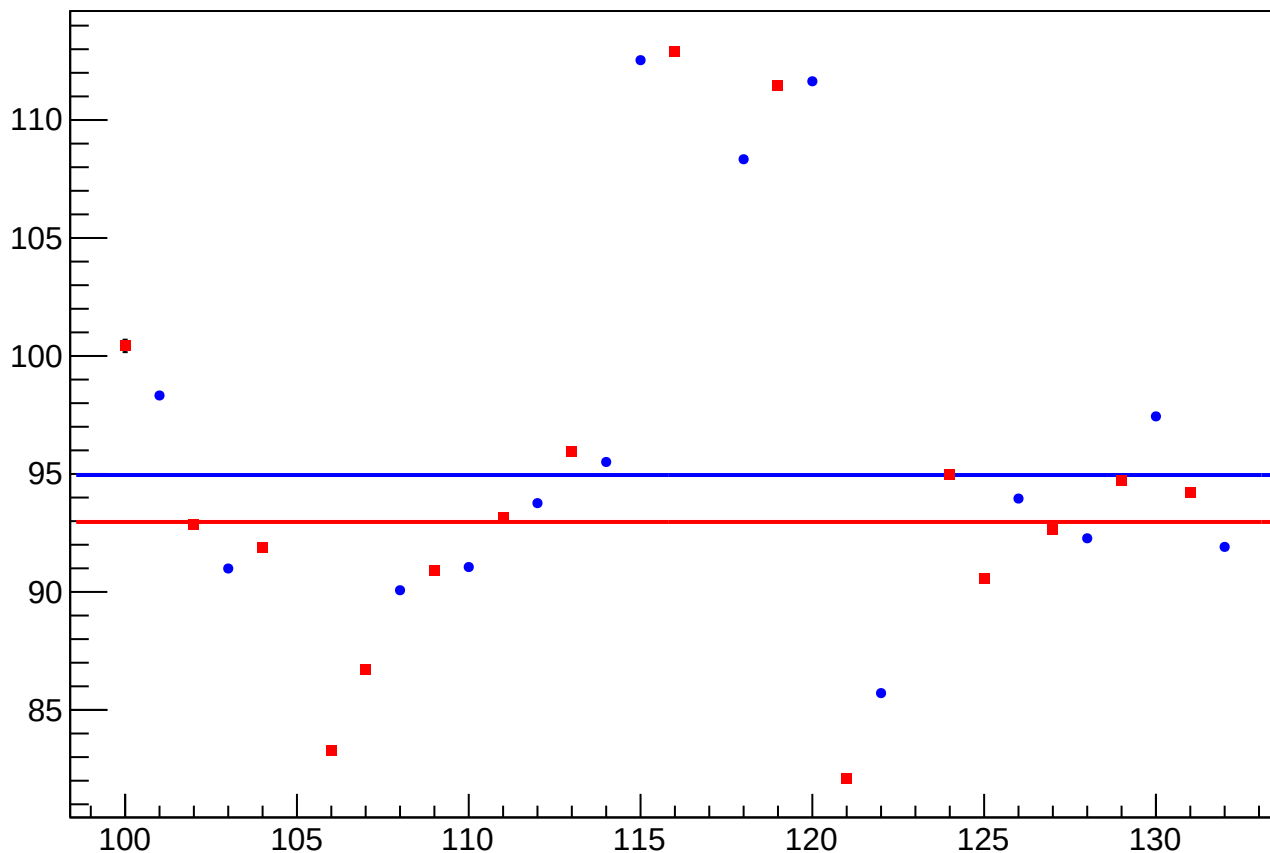
Right: 32.144+/-26.828 χ^2/NDF : 29.5/29

In: 78.024+/-38.946 χ^2/NDF : 10.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.144+/-26.828 χ^2/NDF : 29.5/29

reg_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 94.955 $\pm$ 0.028 χ^2/NDF : 59037.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 92.965 $\pm$ 0.026 χ^2/NDF : 79011.2/15

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

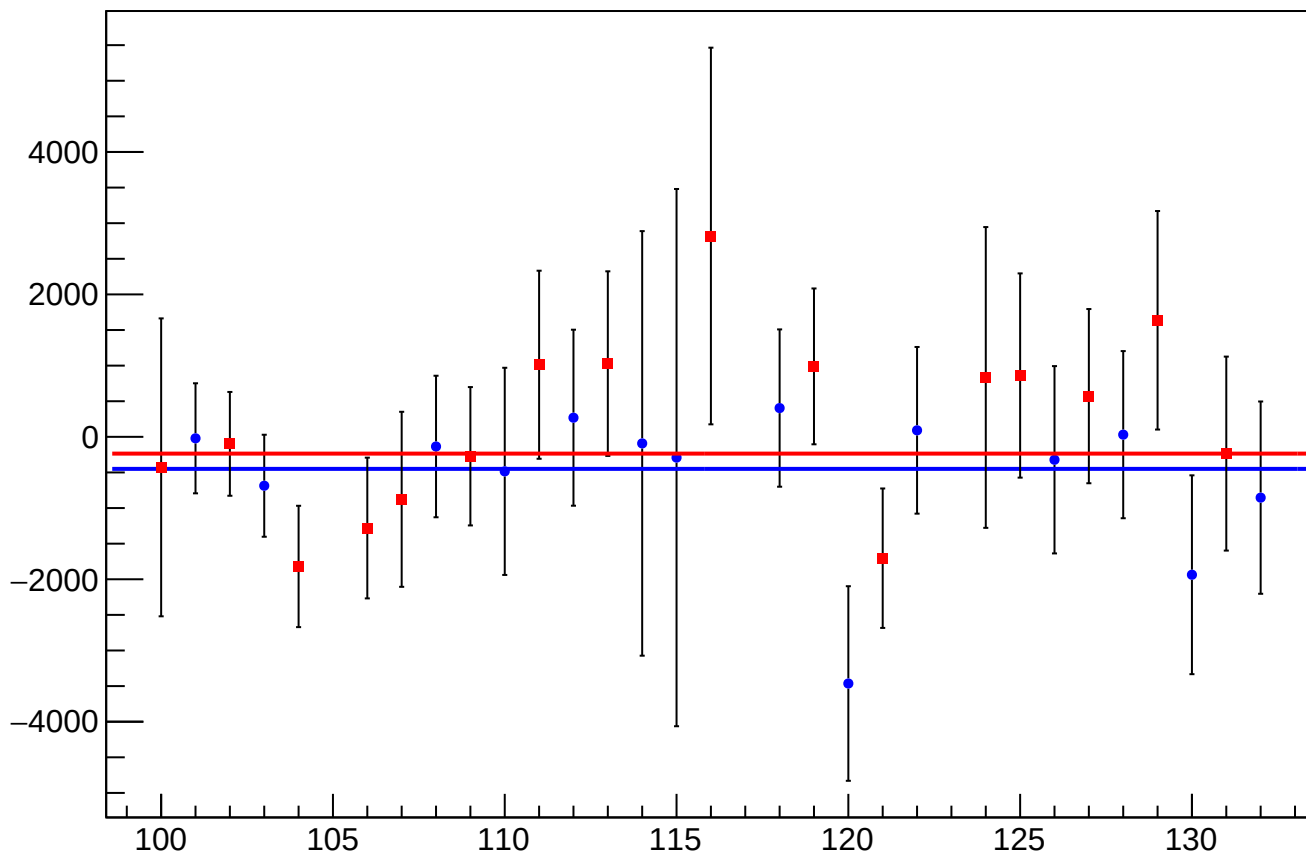
Right: 93.910 $\pm$ 0.019 χ^2/NDF : 140793.8/29

In: 94.955 $\pm$ 0.028 χ^2/NDF : 59037.9/13

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 93.910 $\pm$ 0.019 χ^2/NDF : 140793.8/29

asym_sam_15_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -449.893+/-310.096 χ^2/NDF : 8.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -235.515+/-291.497 χ^2/NDF : 14.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

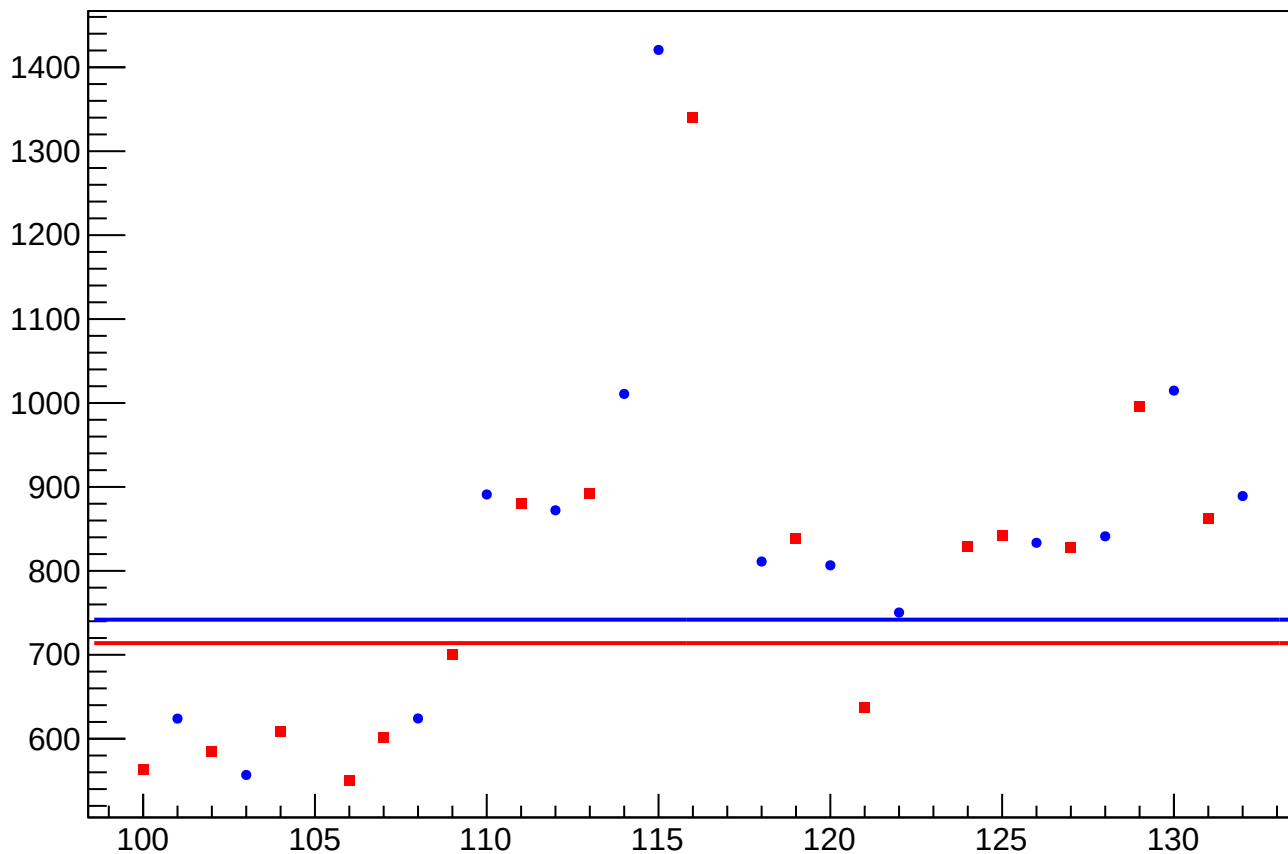
Right: -336.082+/-212.391 χ^2/NDF : 22.5/29

In: -449.893+/-310.096 χ^2/NDF : 8.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -336.082+/-212.391 χ^2/NDF : 22.5/29

asym_sam_15_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 741.878+/-0.219 χ^2/NDF : 469143.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 713.933+/-0.206 χ^2/NDF : 525018.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

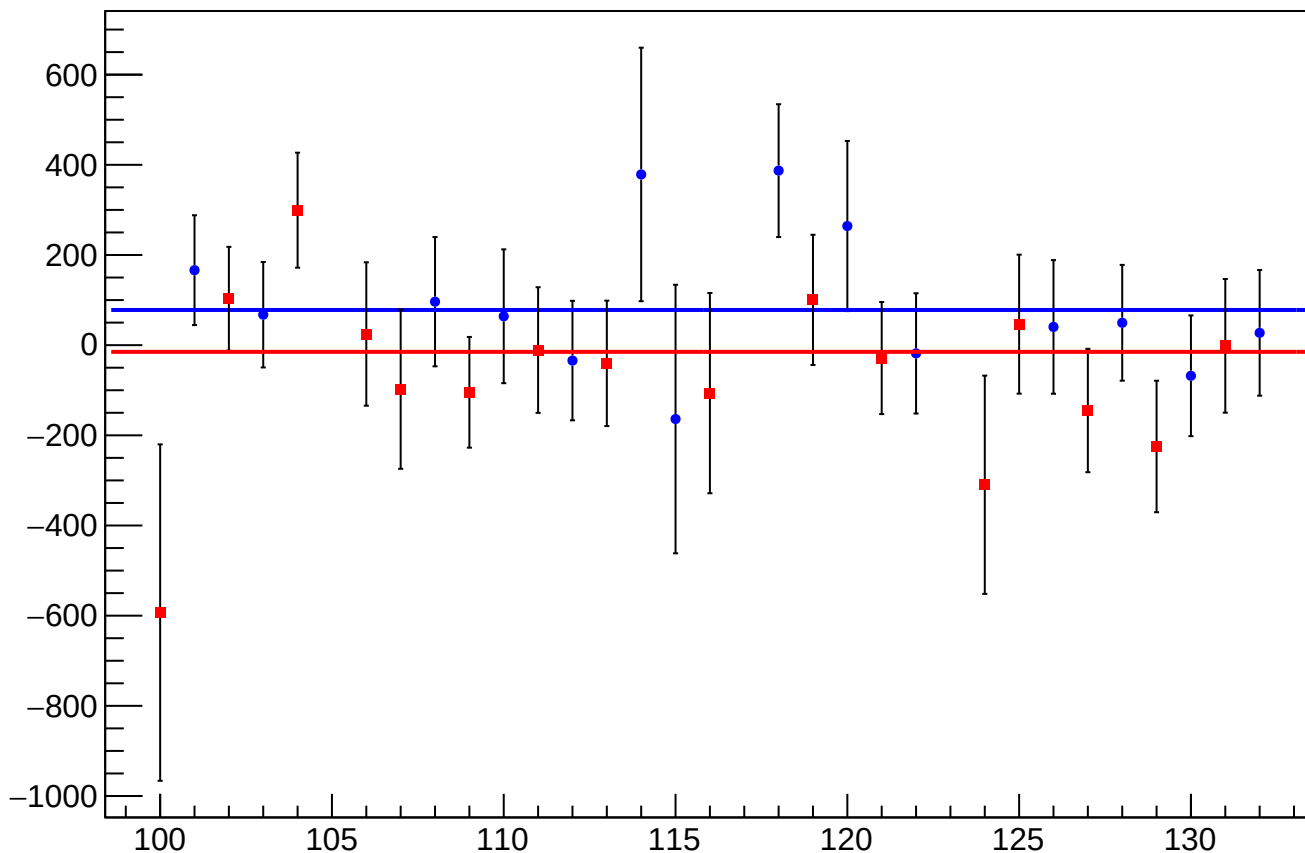
Right: 727.042+/-0.150 χ^2/NDF : 1002783.8/29

In: 741.878+/-0.219 χ^2/NDF : 469143.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 727.042+/-0.150 χ^2/NDF : 1002783.8/29

cor_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 78.050+/-38.946 χ^2/NDF : 10.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.843+/-37.185 χ^2/NDF : 15.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

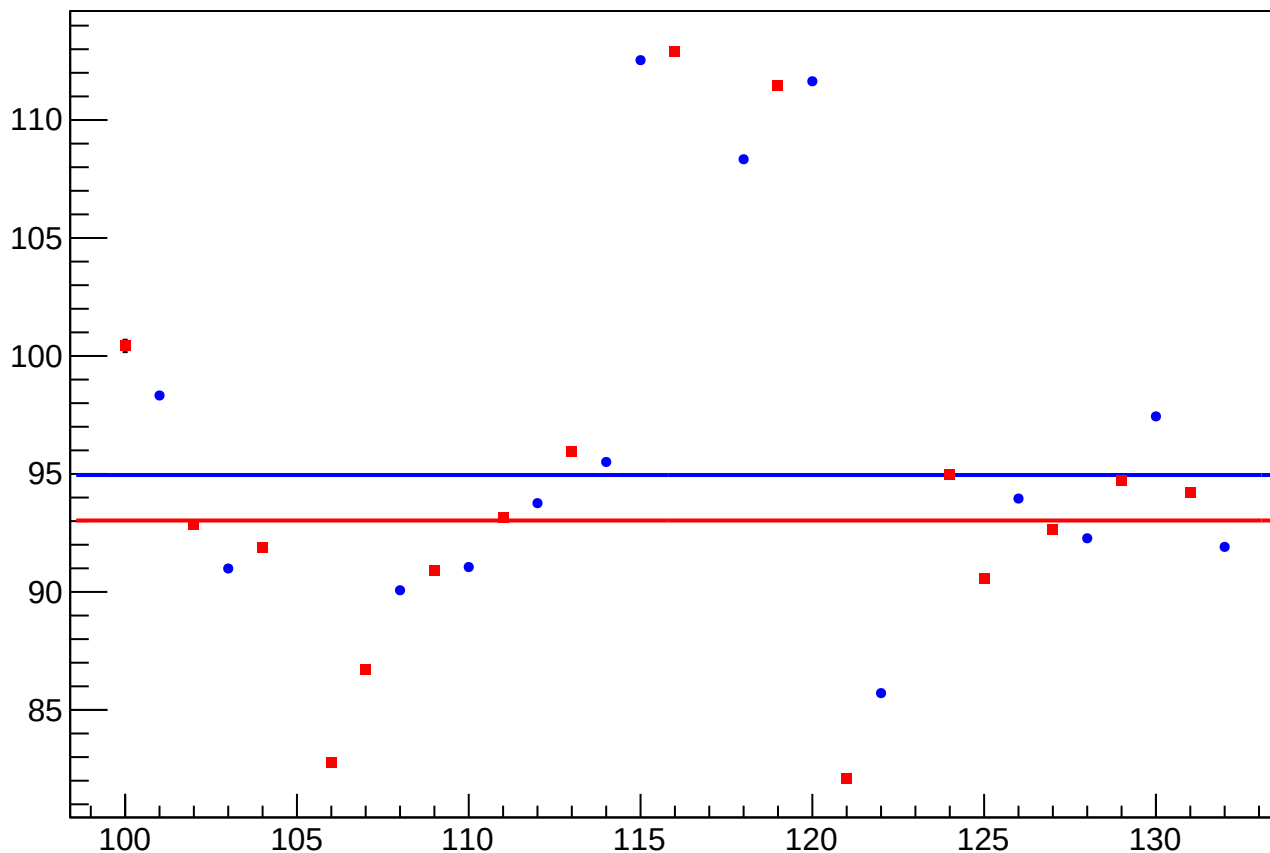
Right: 29.456+/-26.895 χ^2/NDF : 29.2/29

In: 78.050+/-38.946 χ^2/NDF : 10.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.456+/-26.895 χ^2/NDF : 29.2/29

cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 94.955+/-0.028 χ^2/NDF : 59037.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.028+/-0.026 χ^2/NDF : 78563.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

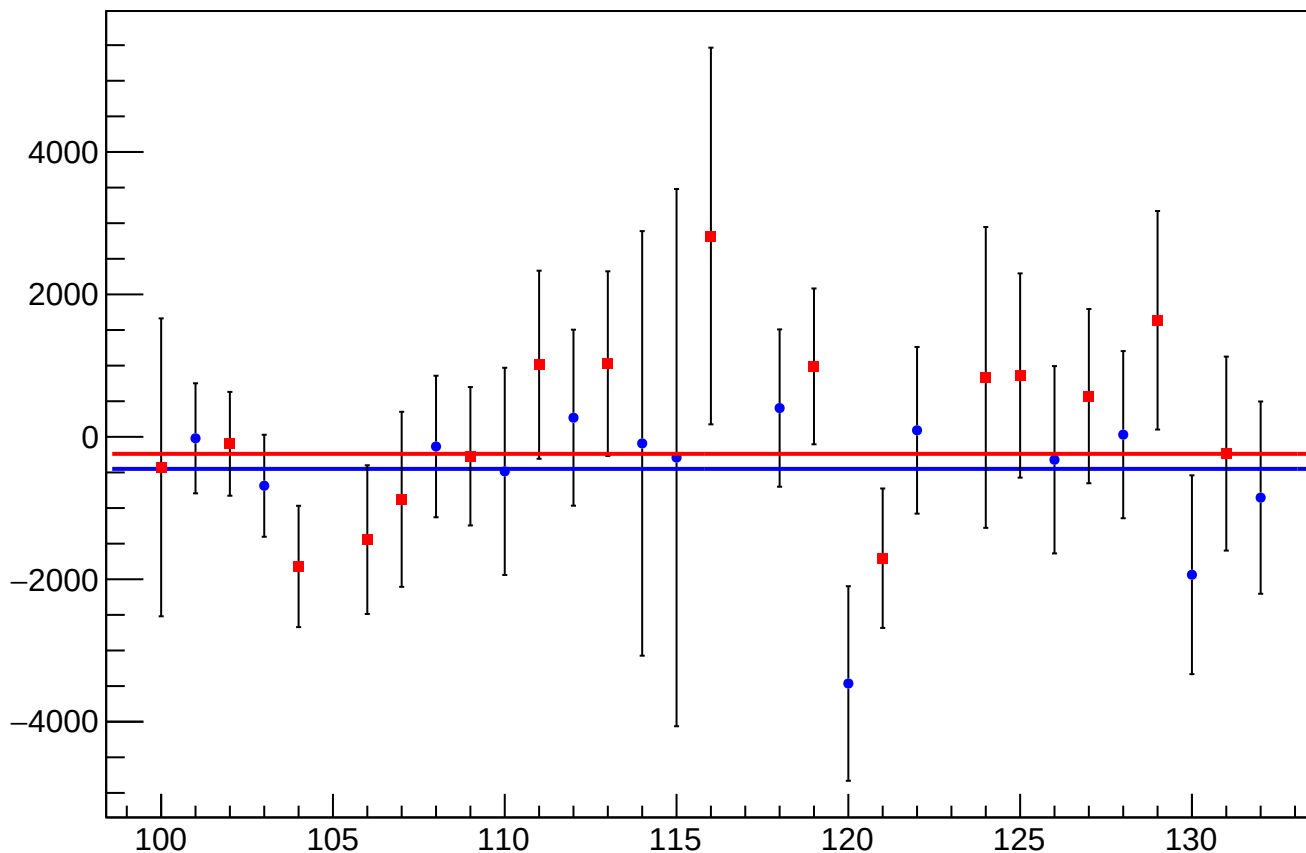
Right: 93.947+/-0.019 χ^2/NDF : 140164.1/29

In: 94.955+/-0.028 χ^2/NDF : 59037.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.947+/-0.019 χ^2/NDF : 140164.1/29

asym_sam_15_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -449.885 ± 310.096 χ^2/NDF : 8.0/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -238.688 ± 292.830 χ^2/NDF : 14.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

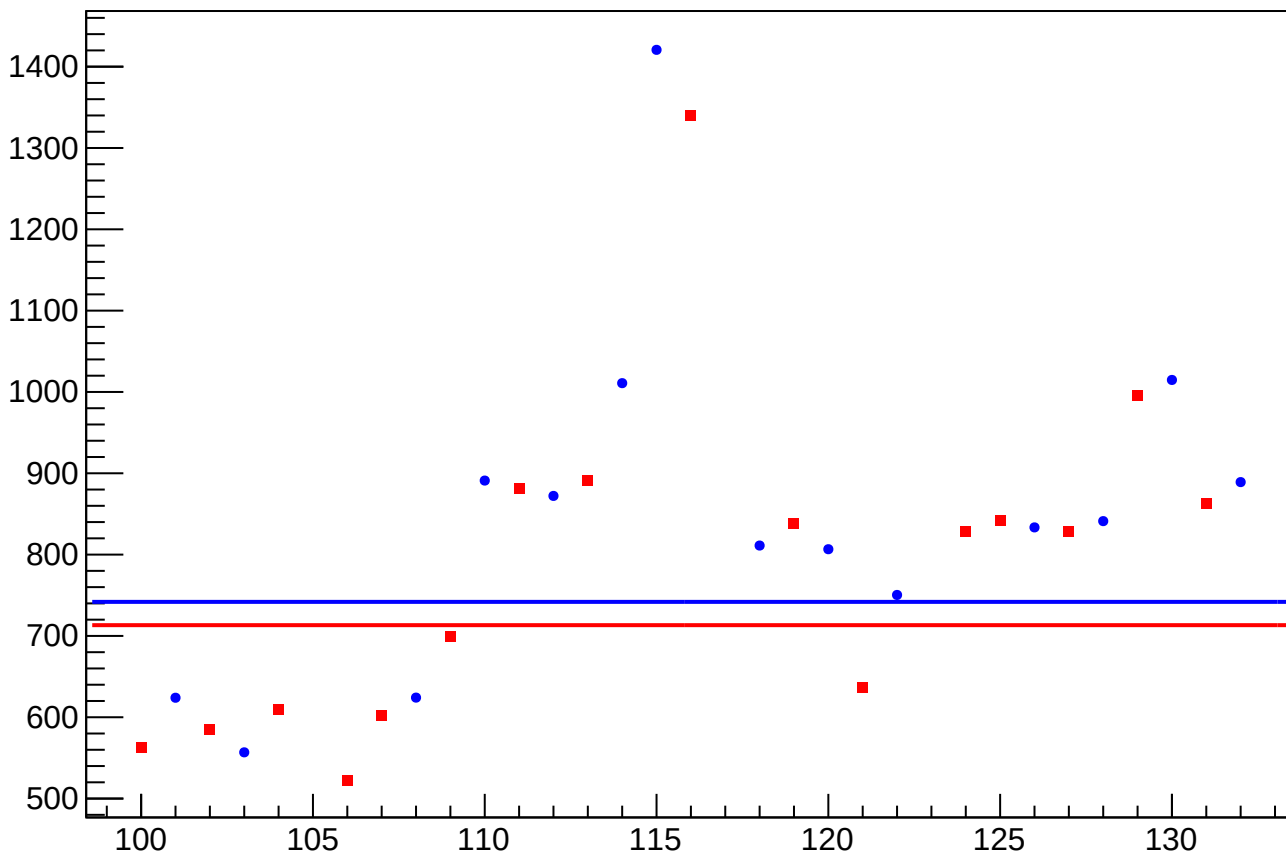
Right: -338.244 ± 212.904 χ^2/NDF : 22.8/29

In: -449.885 ± 310.096 χ^2/NDF : 8.0/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -338.244 ± 212.904 χ^2/NDF : 22.8/29

asym_sam_15_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 741.877+/-0.219 χ^2/NDF : 469148.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 713.234+/-0.207 χ^2/NDF : 537482.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

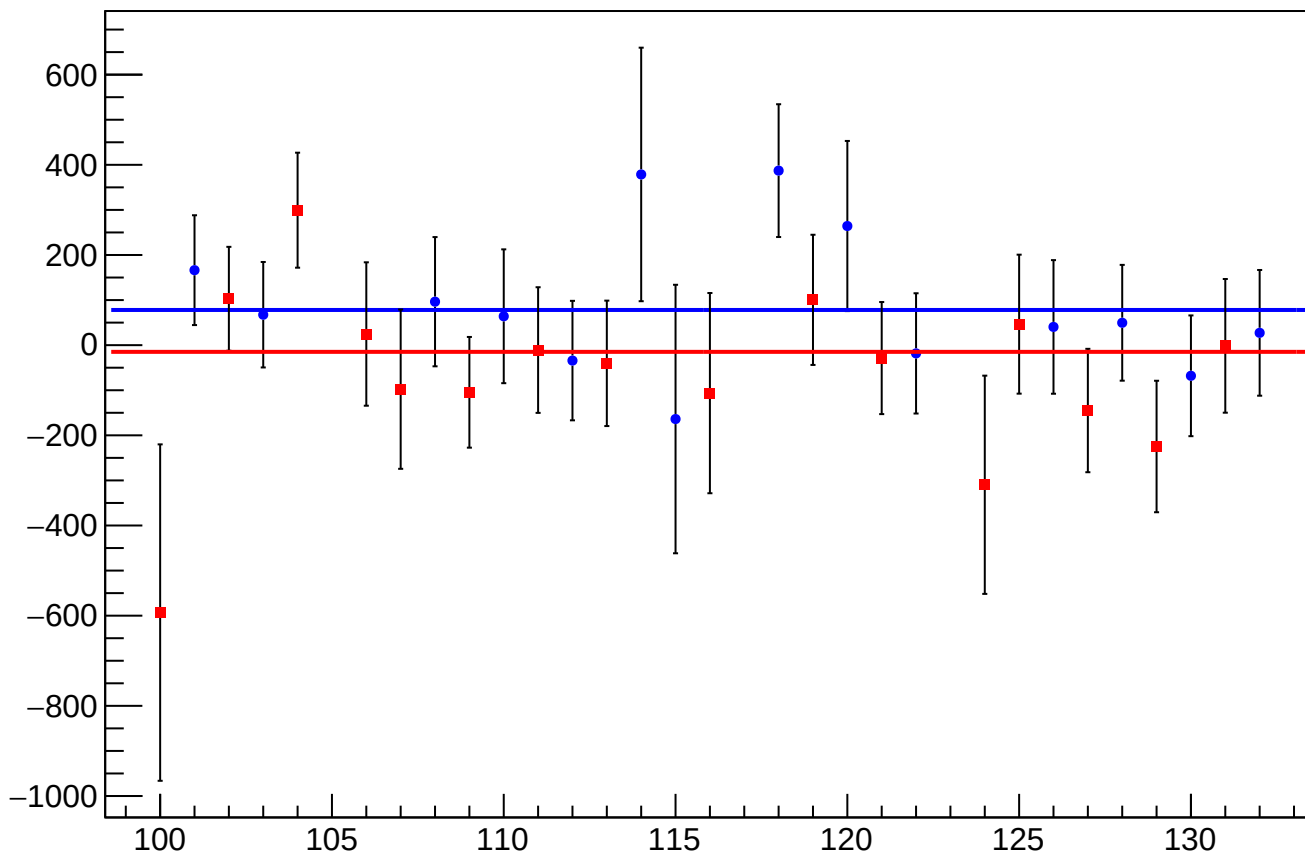
Right: 726.736+/-0.151 χ^2/NDF : 1015650.7/29

In: 741.877+/-0.219 χ^2/NDF : 469148.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 726.736+/-0.151 χ^2/NDF : 1015650.7/29

eigen_cor_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 78.050+/-38.946 χ^2/NDF : 10.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.843+/-37.185 χ^2/NDF : 15.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

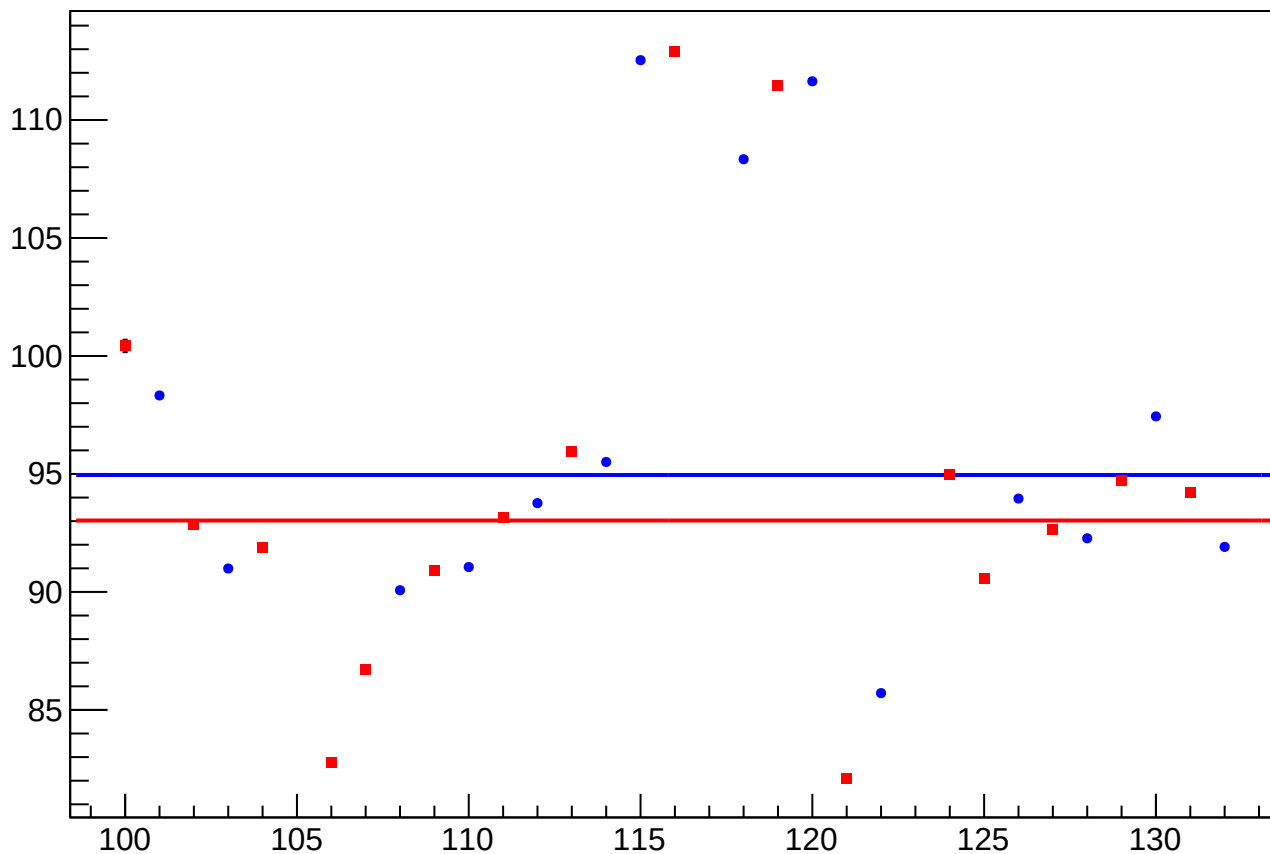
Right: 29.456+/-26.895 χ^2/NDF : 29.2/29

In: 78.050+/-38.946 χ^2/NDF : 10.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.456+/-26.895 χ^2/NDF : 29.2/29

eigen_cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 94.955+/-0.028 χ^2/NDF : 59037.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.028+/-0.026 χ^2/NDF : 78563.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

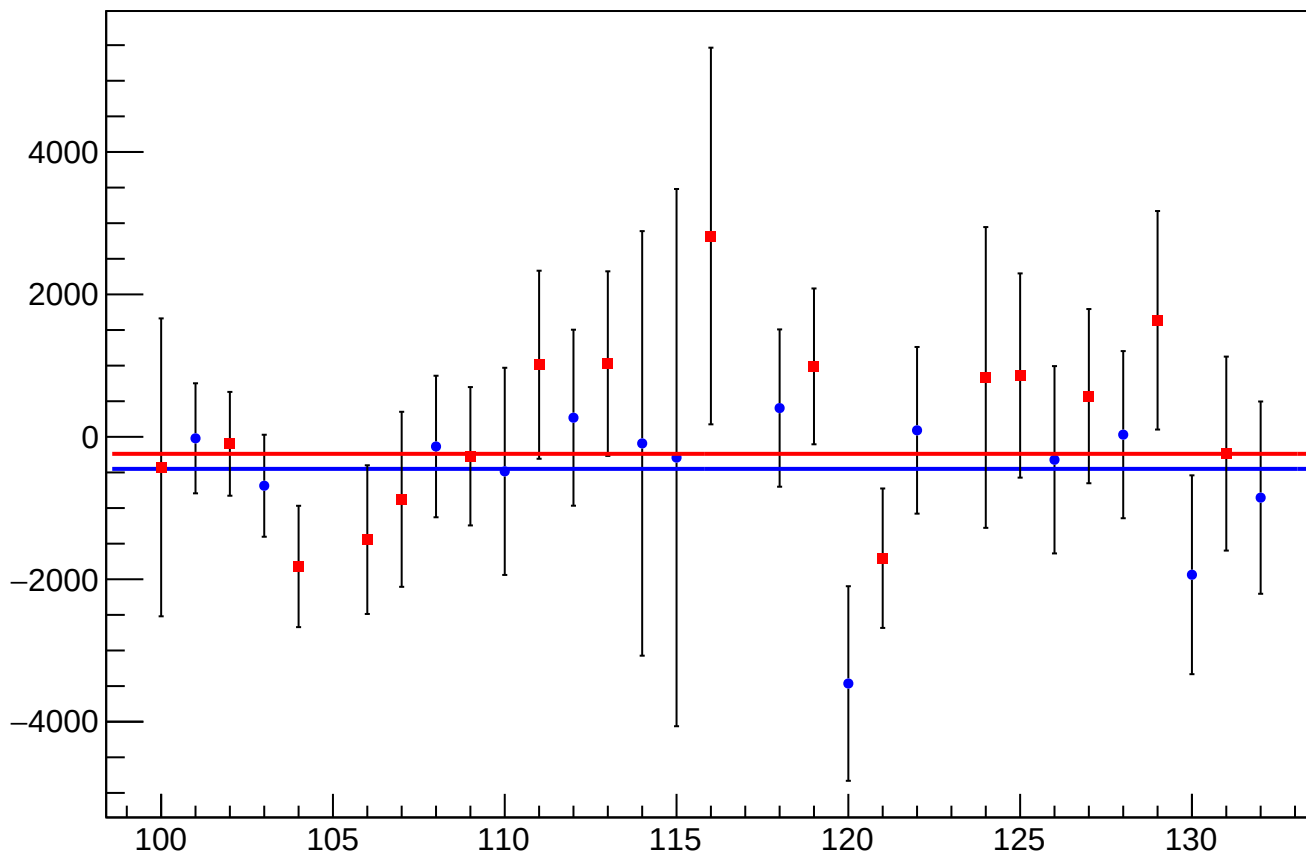
Right: 93.947+/-0.019 χ^2/NDF : 140164.1/29

In: 94.955+/-0.028 χ^2/NDF : 59037.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.947+/-0.019 χ^2/NDF : 140164.1/29

asym_sam_15_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -449.885 $\pm$ 310.096 χ^2 /NDF: 8.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -238.688 $\pm$ 292.830 χ^2 /NDF: 14.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

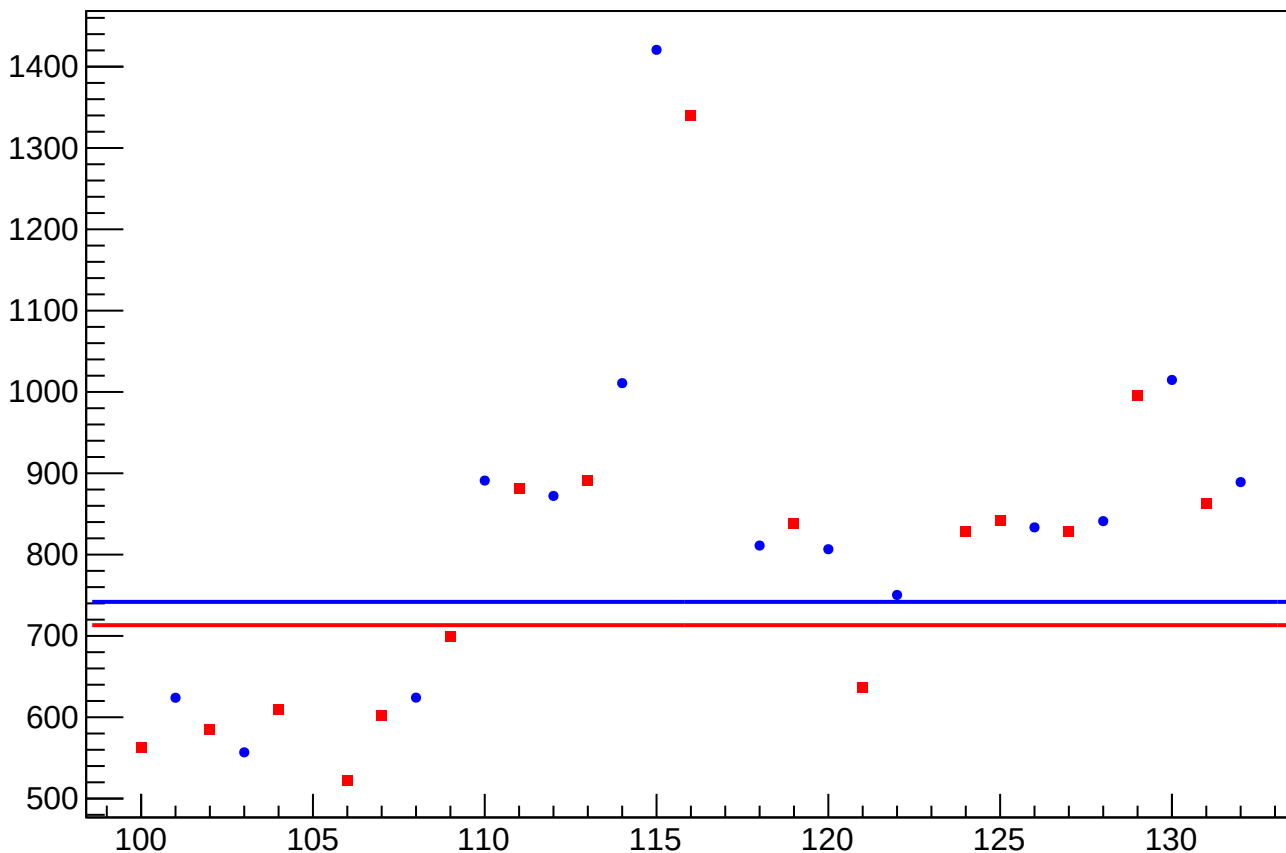
Right: -338.244 $\pm$ 212.904 χ^2 /NDF: 22.8/29

In: -449.885 $\pm$ 310.096 χ^2 /NDF: 8.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -338.244 $\pm$ 212.904 χ^2 /NDF: 22.8/29

asym_sam_15_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 741.877+/-0.219 χ^2/NDF : 469148.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 713.234+/-0.207 χ^2/NDF : 537482.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

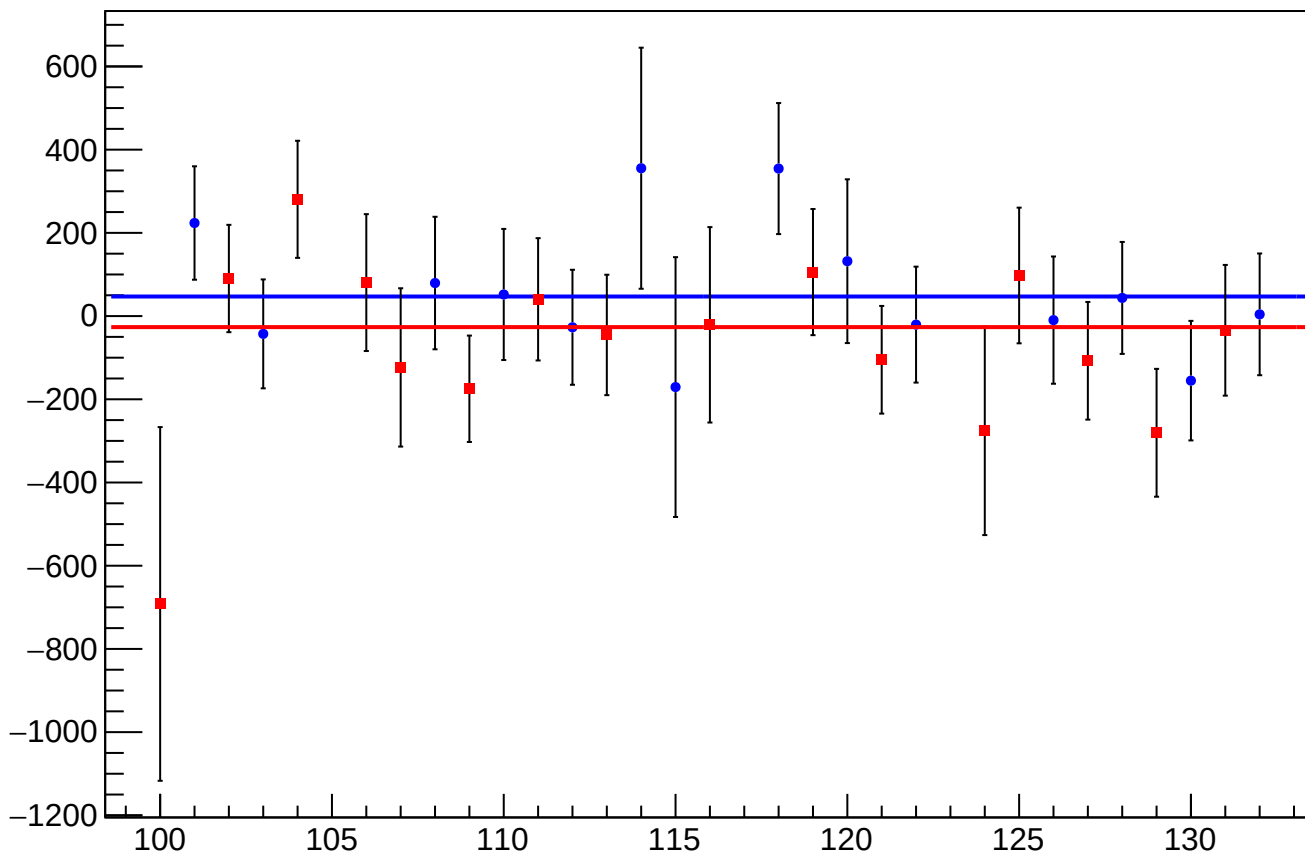
Right: 726.736+/-0.151 χ^2/NDF : 1015650.7/29

In: 741.877+/-0.219 χ^2/NDF : 469148.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 726.736+/-0.151 χ^2/NDF : 1015650.7/29

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 47.047 $\pm$ 41.621 χ^2 /NDF: 10.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -26.503 $\pm$ 39.415 χ^2 /NDF: 16.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

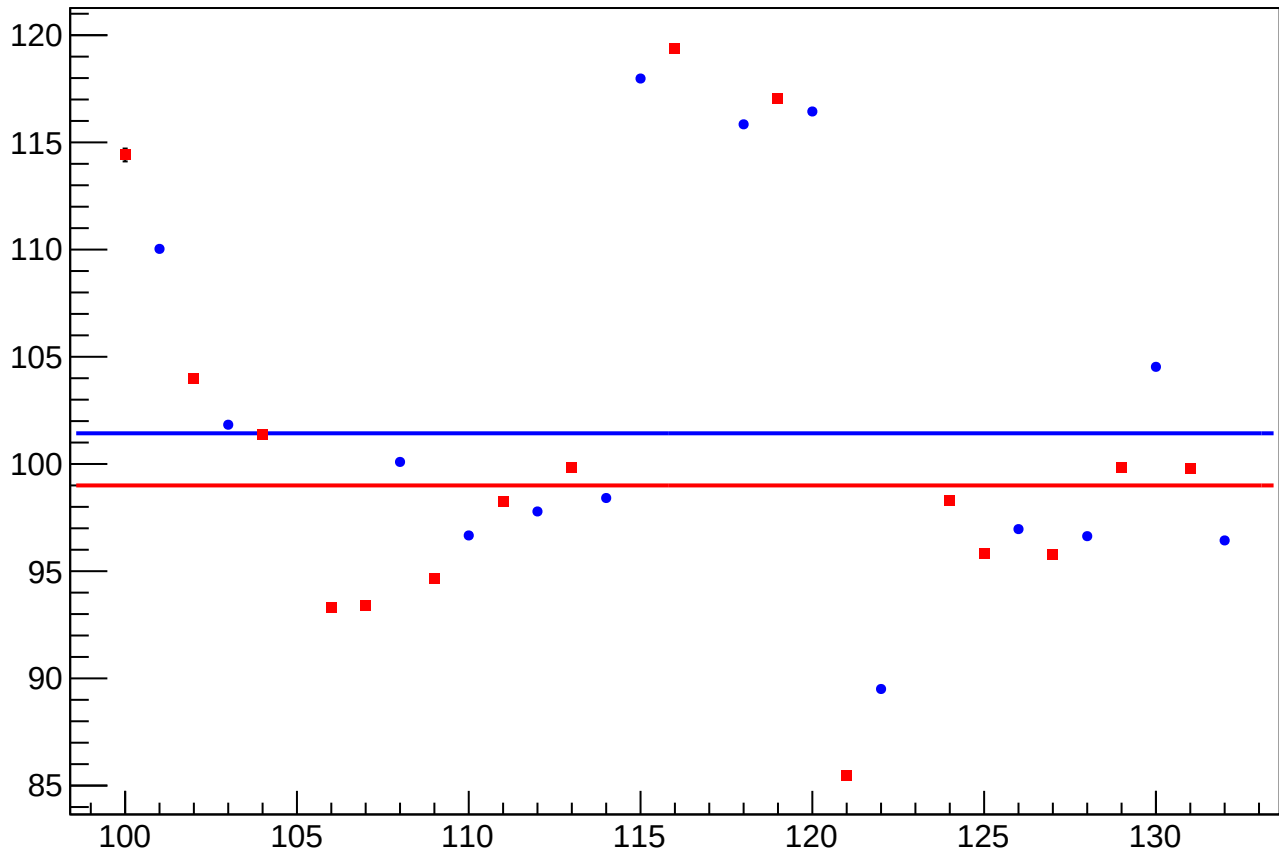
Right: 8.271 $\pm$ 28.619 χ^2 /NDF: 28.2/29

In: 47.047 $\pm$ 41.621 χ^2 /NDF:10.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 8.271 $\pm$ 28.619 χ^2 /NDF: 28.2/29

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 101.431+/-0.029 χ^2/NDF : 67726.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.000+/-0.028 χ^2/NDF : 80057.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

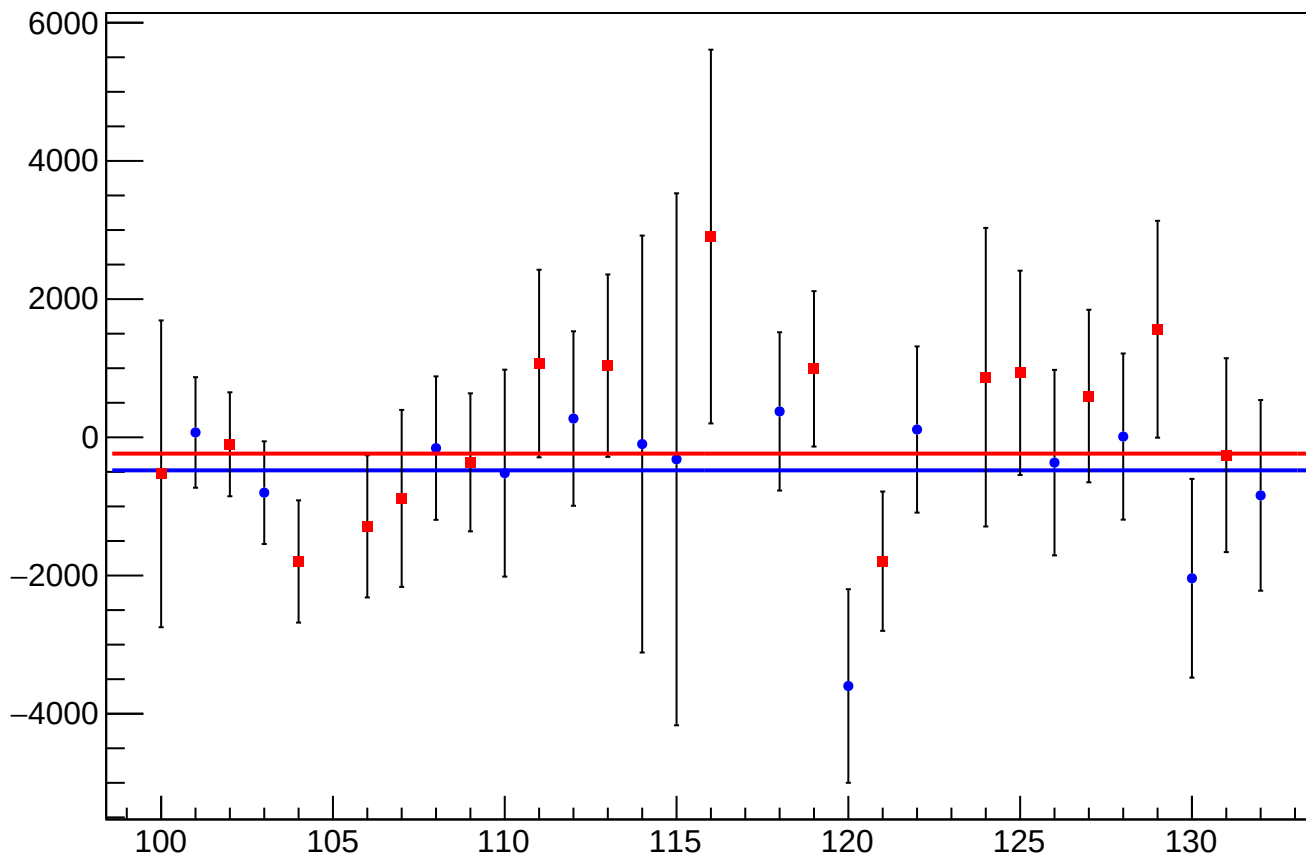
Right: 100.149+/-0.020 χ^2/NDF : 151382.9/29

In: 101.431+/-0.029 χ^2/NDF : 67726.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.149+/-0.020 χ^2/NDF : 151382.9/29

asym_sam_15_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -477.906+/-319.900 χ^2/NDF : 8.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -235.744+/-300.673 χ^2/NDF : 13.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

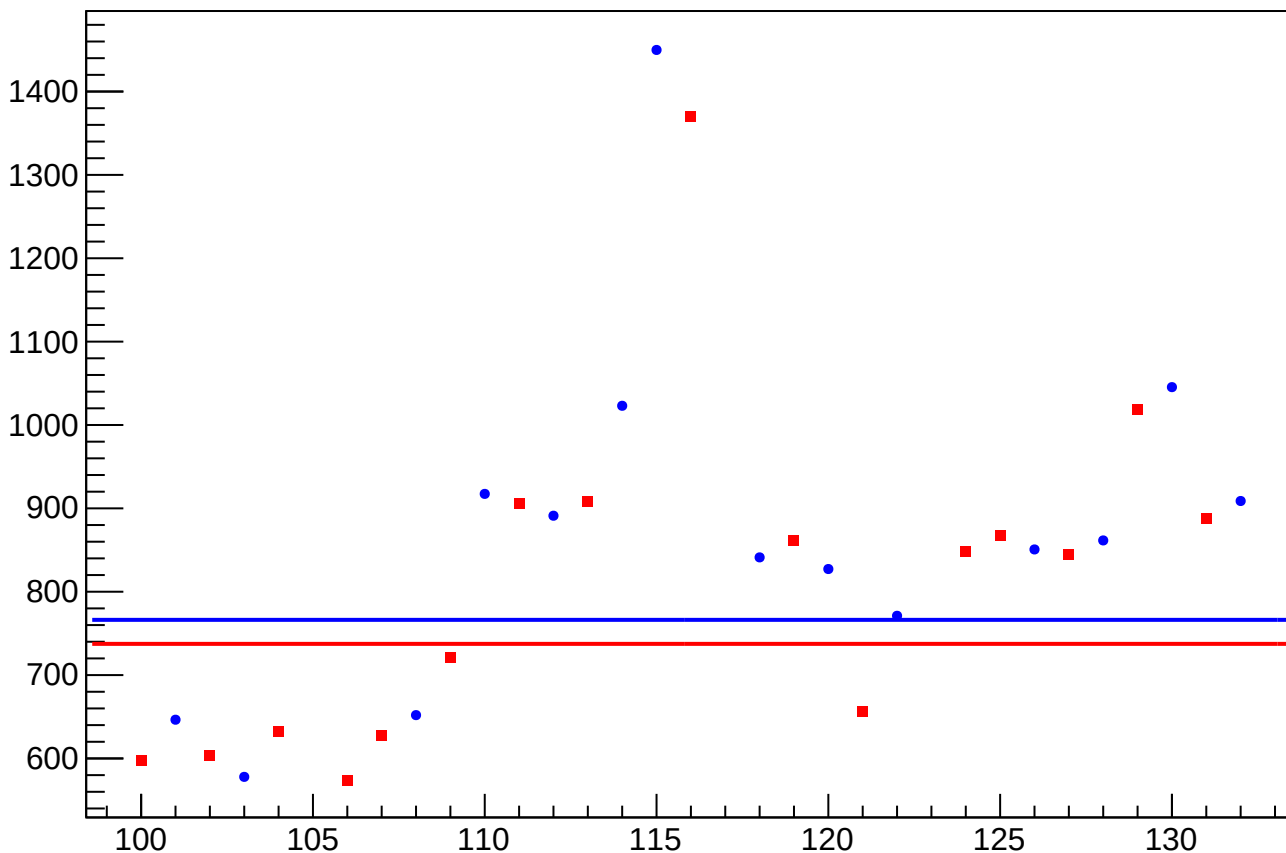
Right: -349.330+/-219.090 χ^2/NDF : 22.5/29

In: -477.906+/-319.900 χ^2/NDF : 8.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -349.330+/-219.090 χ^2/NDF : 22.5/29

asym_sam_15_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 766.259+/-0.226 χ^2/NDF : 444652.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 737.449+/-0.213 χ^2/NDF : 498775.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

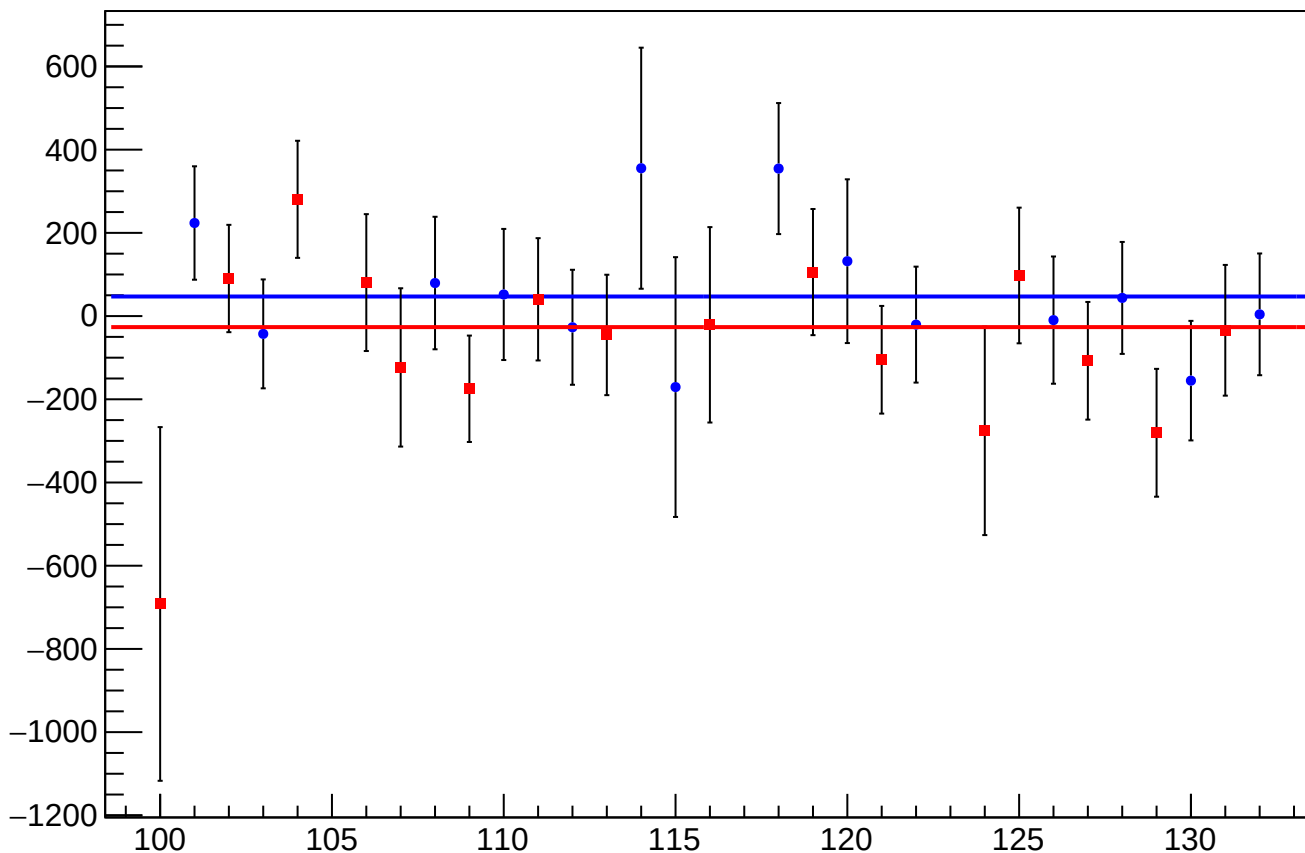
Right: 750.962+/-0.155 χ^2/NDF : 952040.0/29

In: 766.259+/-0.226 χ^2/NDF : 444652.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 750.962+/-0.155 χ^2/NDF : 952040.0/29

eigen_dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 47.048+/-41.621 χ^2/NDF : 10.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -26.505+/-39.415 χ^2/NDF : 16.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

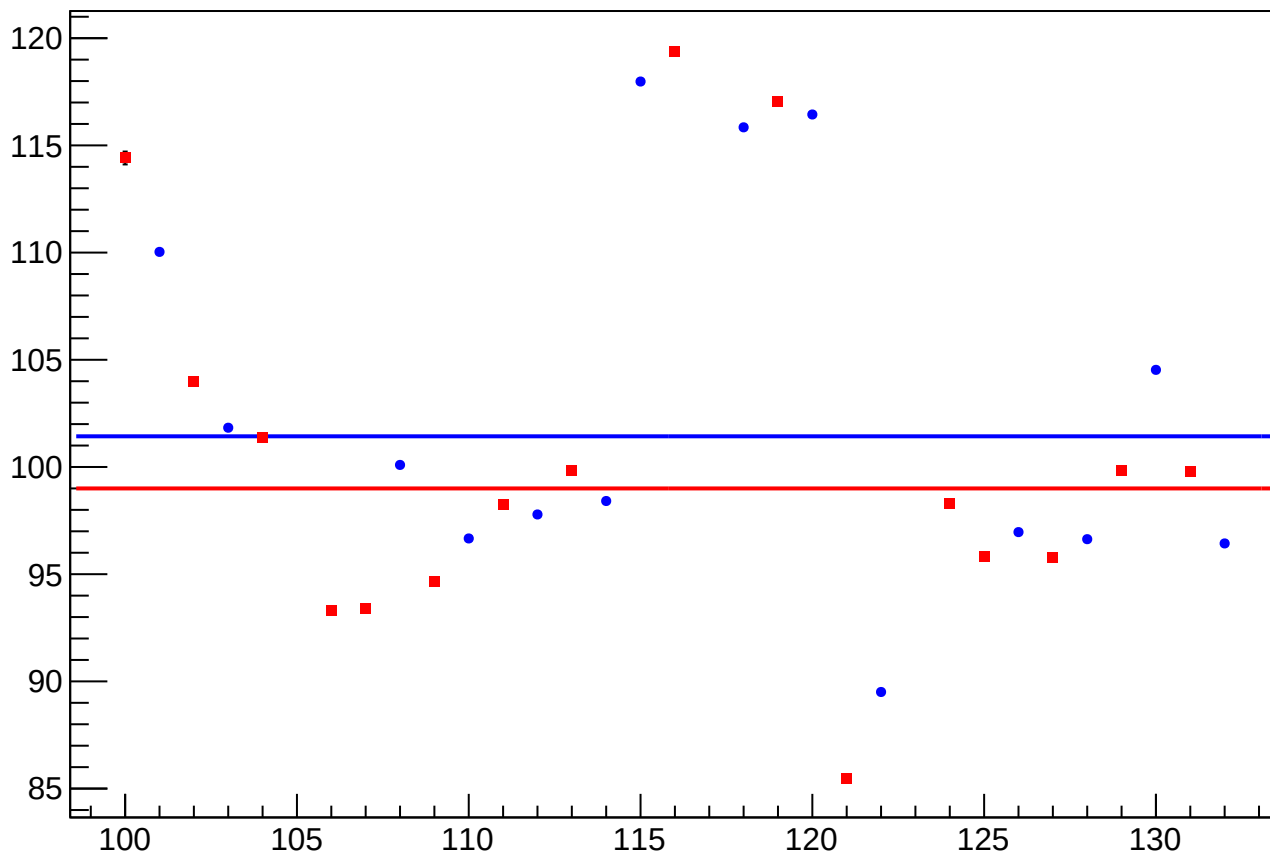
Right: 8.271+/-28.619 χ^2/NDF : 28.2/29

In: 47.048+/-41.621 χ^2/NDF :10.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 8.271+/-28.619 χ^2/NDF : 28.2/29

eigen_dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 101.431+/-0.029 χ^2/NDF : 67726.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.999+/-0.028 χ^2/NDF : 80058.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

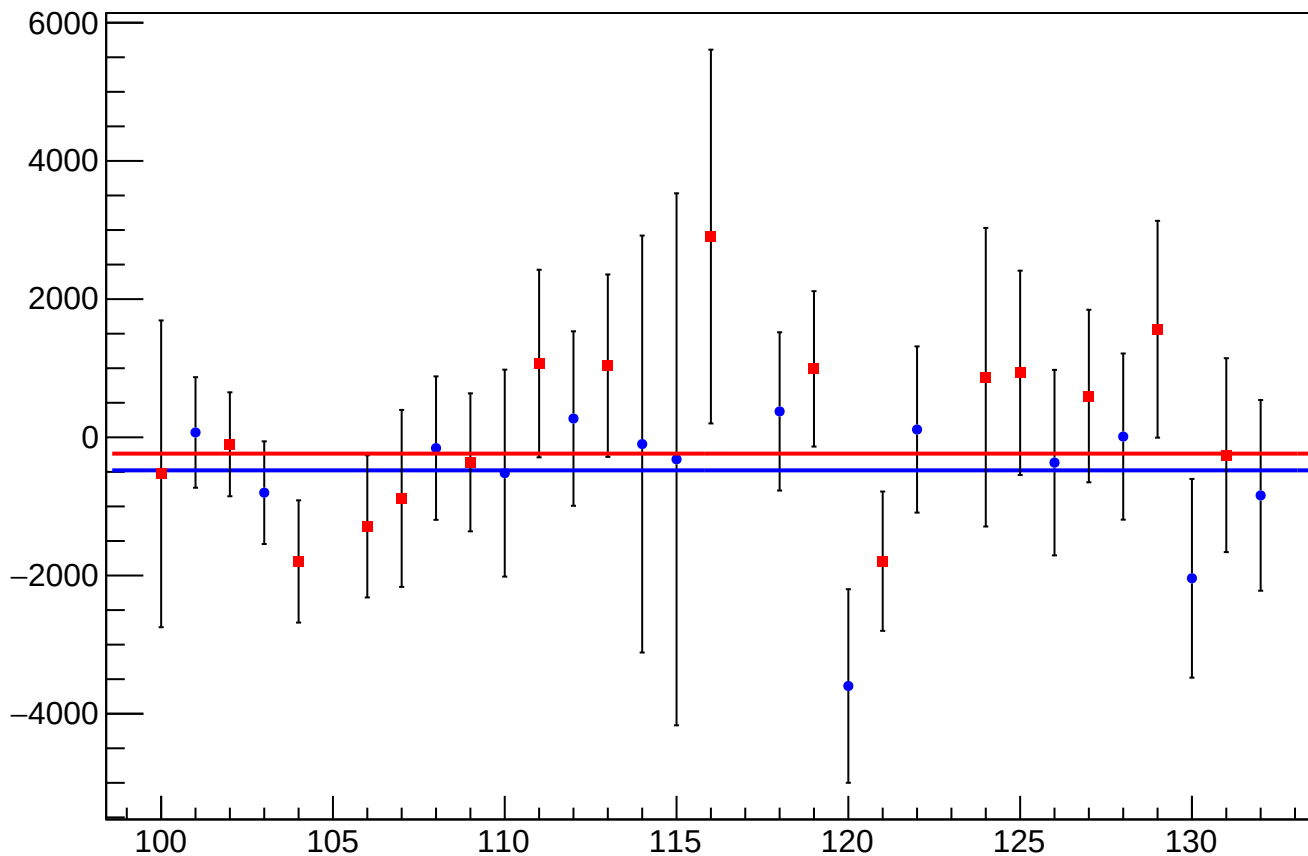
Right: 100.149+/-0.020 χ^2/NDF : 151383.6/29

In: 101.431+/-0.029 χ^2/NDF : 67726.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.149+/-0.020 χ^2/NDF : 151383.6/29

asym_sam_15_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -477.905+/-319.899 χ^2/NDF : 8.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -235.744+/-300.673 χ^2/NDF : 13.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

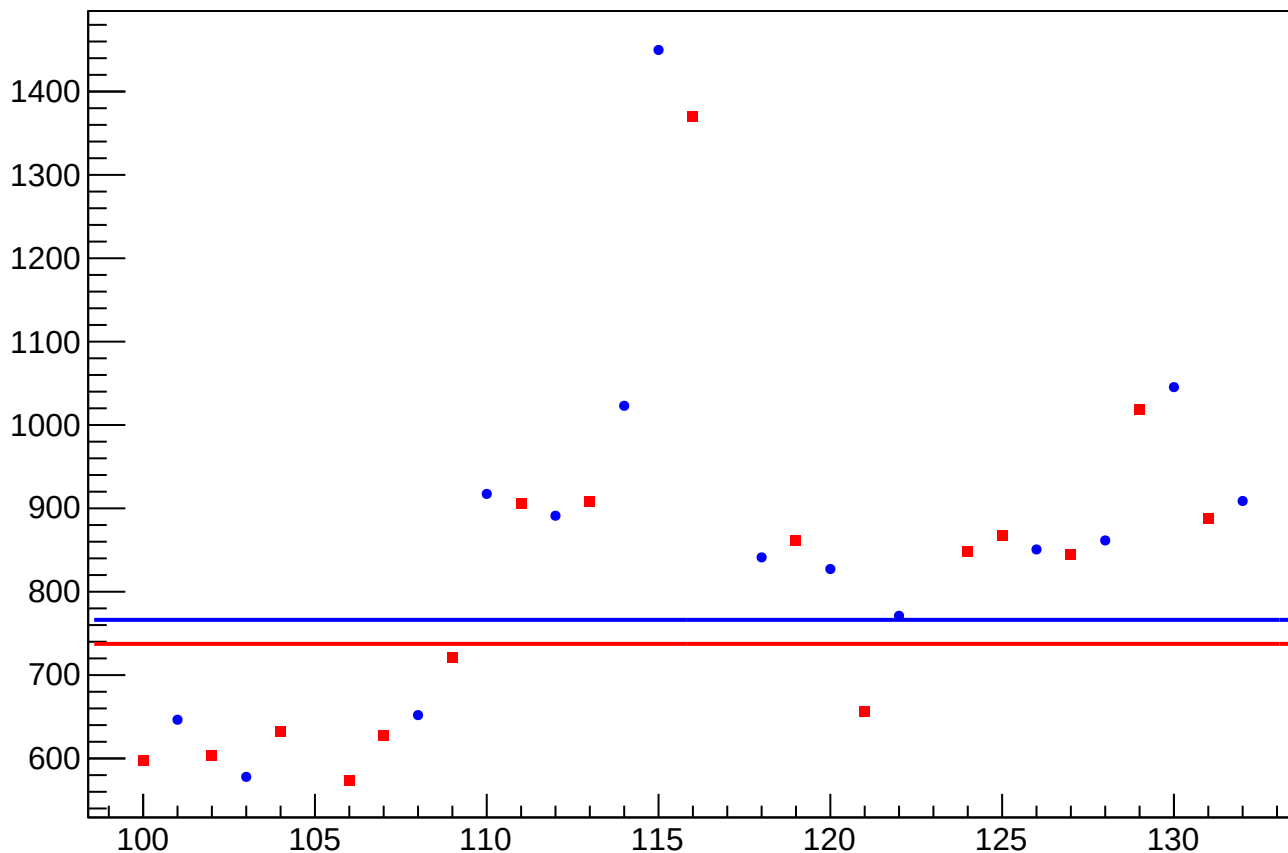
Right: -349.329+/-219.090 χ^2/NDF : 22.5/29

In: -477.905+/-319.899 χ^2/NDF : 8.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -349.329+/-219.090 χ^2/NDF : 22.5/29

asym_sam_15_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 766.258+/-0.226 χ^2/NDF : 444650.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 737.448+/-0.213 χ^2/NDF : 498773.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

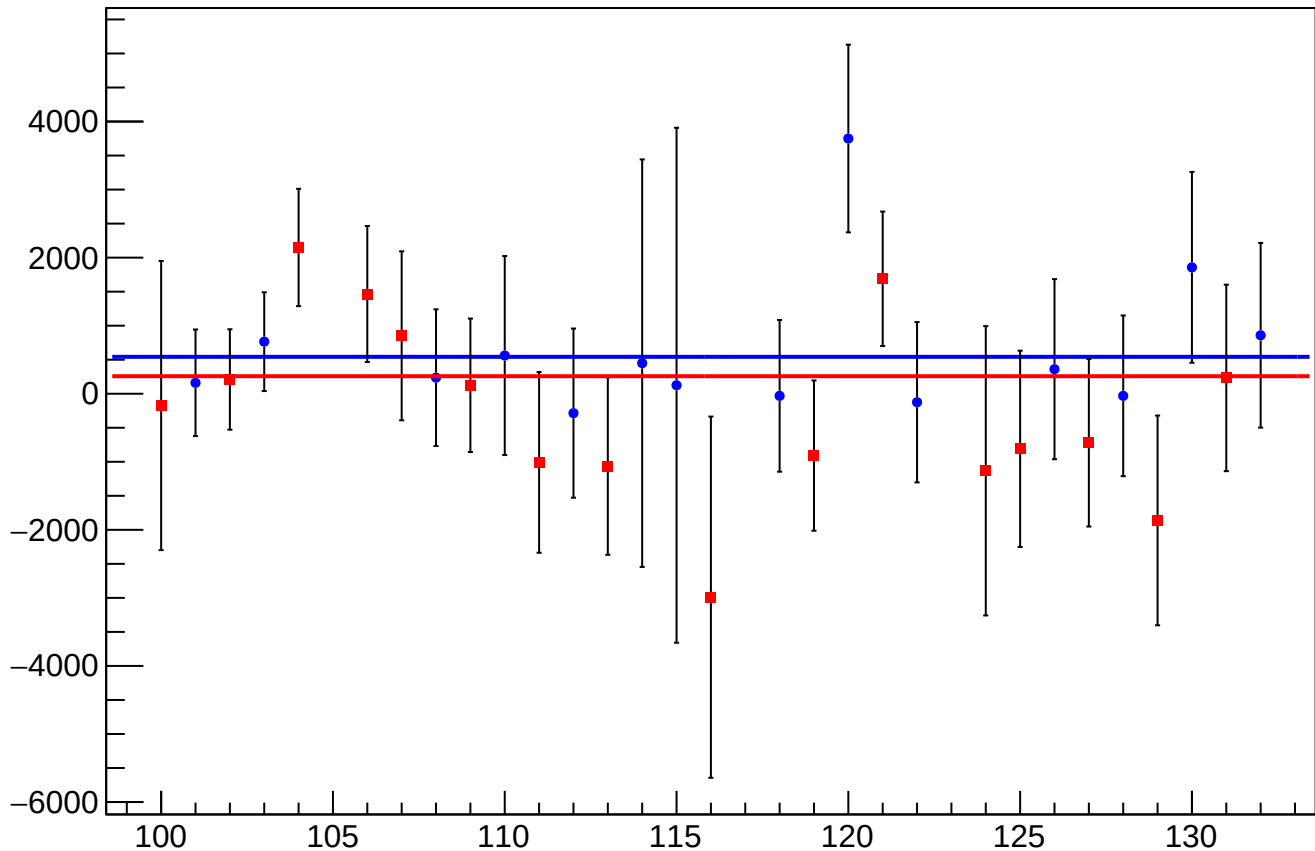
Right: 750.961+/-0.155 χ^2/NDF : 952036.5/29

In: 766.258+/-0.226 χ^2/NDF : 444650.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 750.961+/-0.155 χ^2/NDF : 952036.5/29

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 542.394+/-312.966 χ^2/NDF : 8.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 257.515+/-294.233 χ^2/NDF : 16.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

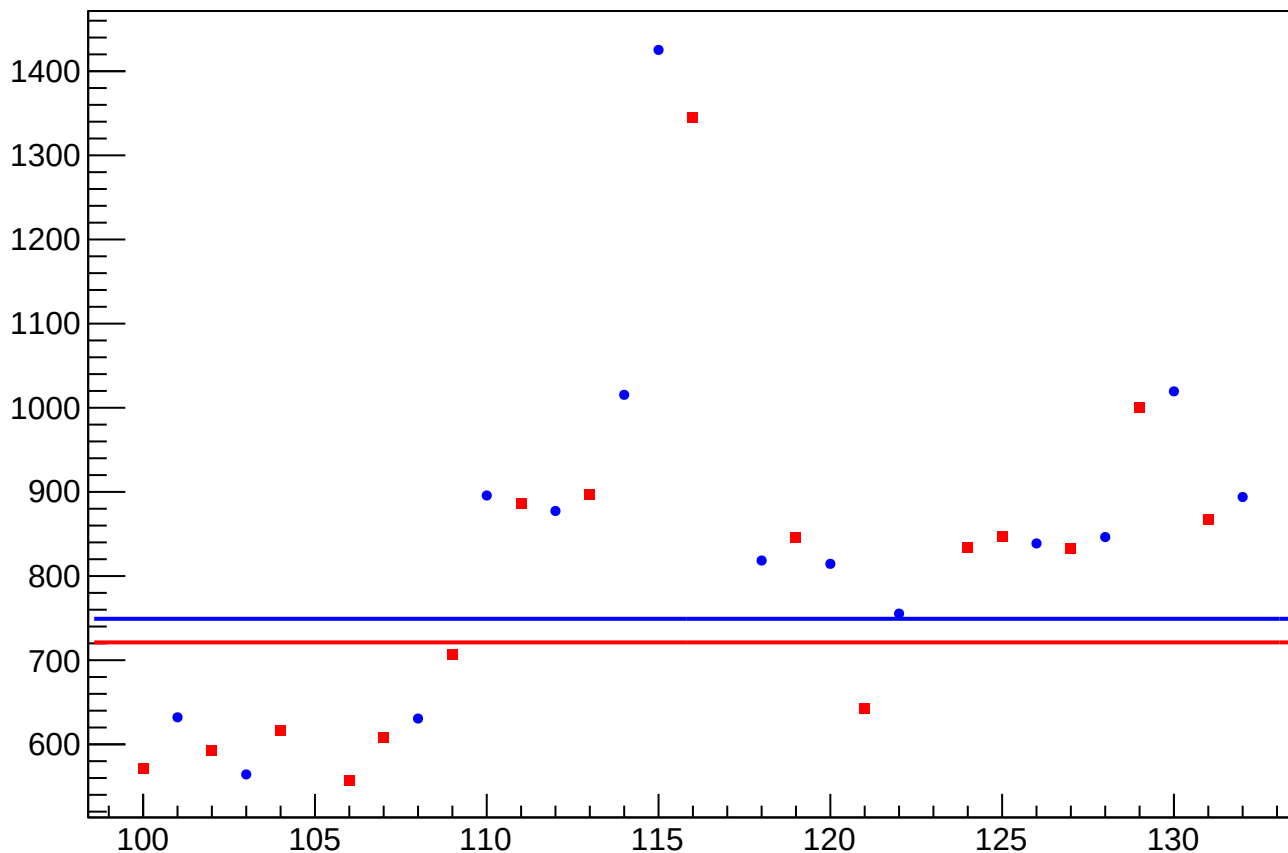
Right: 391.174+/-214.371 χ^2/NDF : 25.2/29

In: 542.394+/-312.966 χ^2/NDF : 8.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 391.174+/-214.371 χ^2/NDF : 25.2/29

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 749.203+/-0.221 χ^2/NDF : 455474.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 721.169+/-0.208 χ^2/NDF : 512105.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

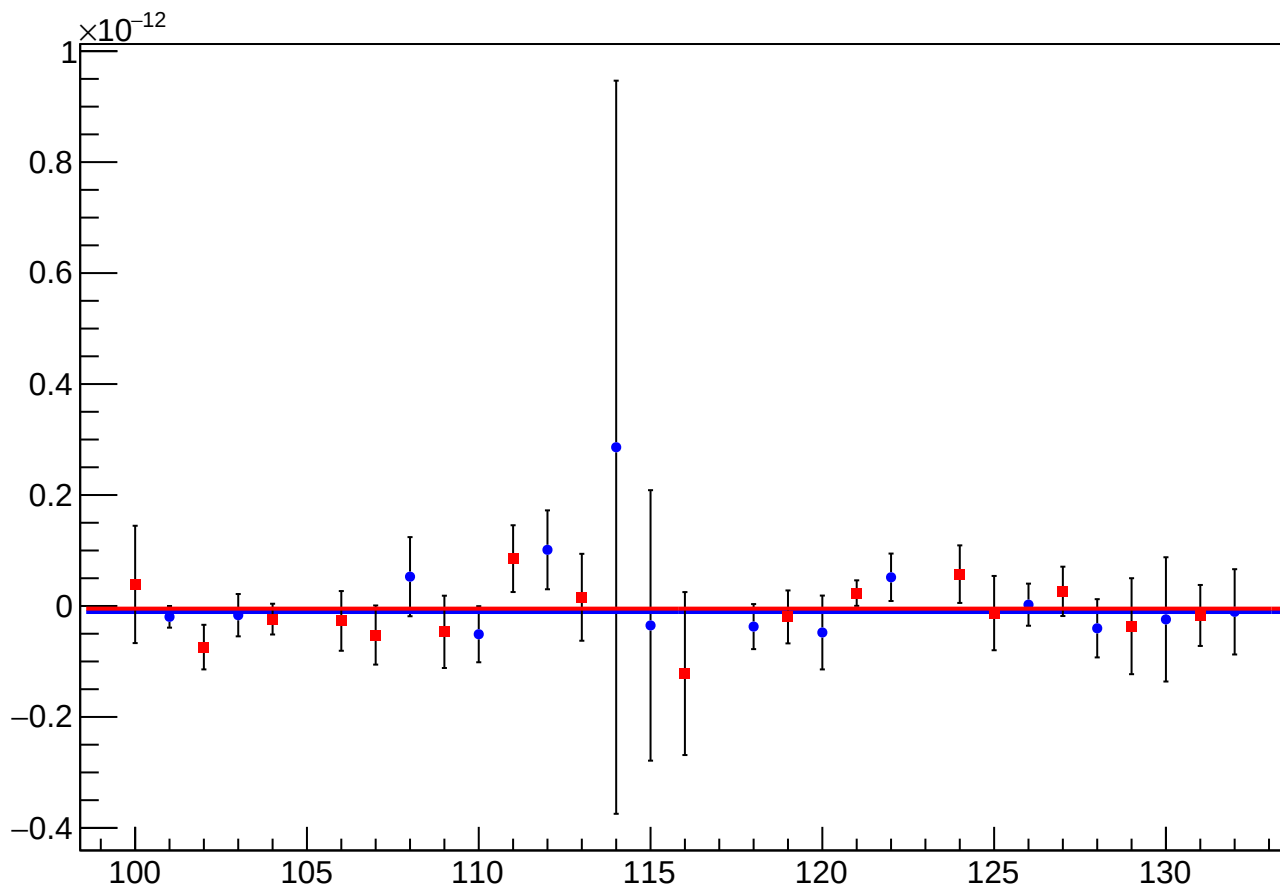
Right: 734.322+/-0.152 χ^2/NDF : 976097.6/29

In: 749.203+/-0.221 χ^2/NDF : 455474.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 734.322+/-0.152 χ^2/NDF : 976097.6/29

asym_sam_15_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

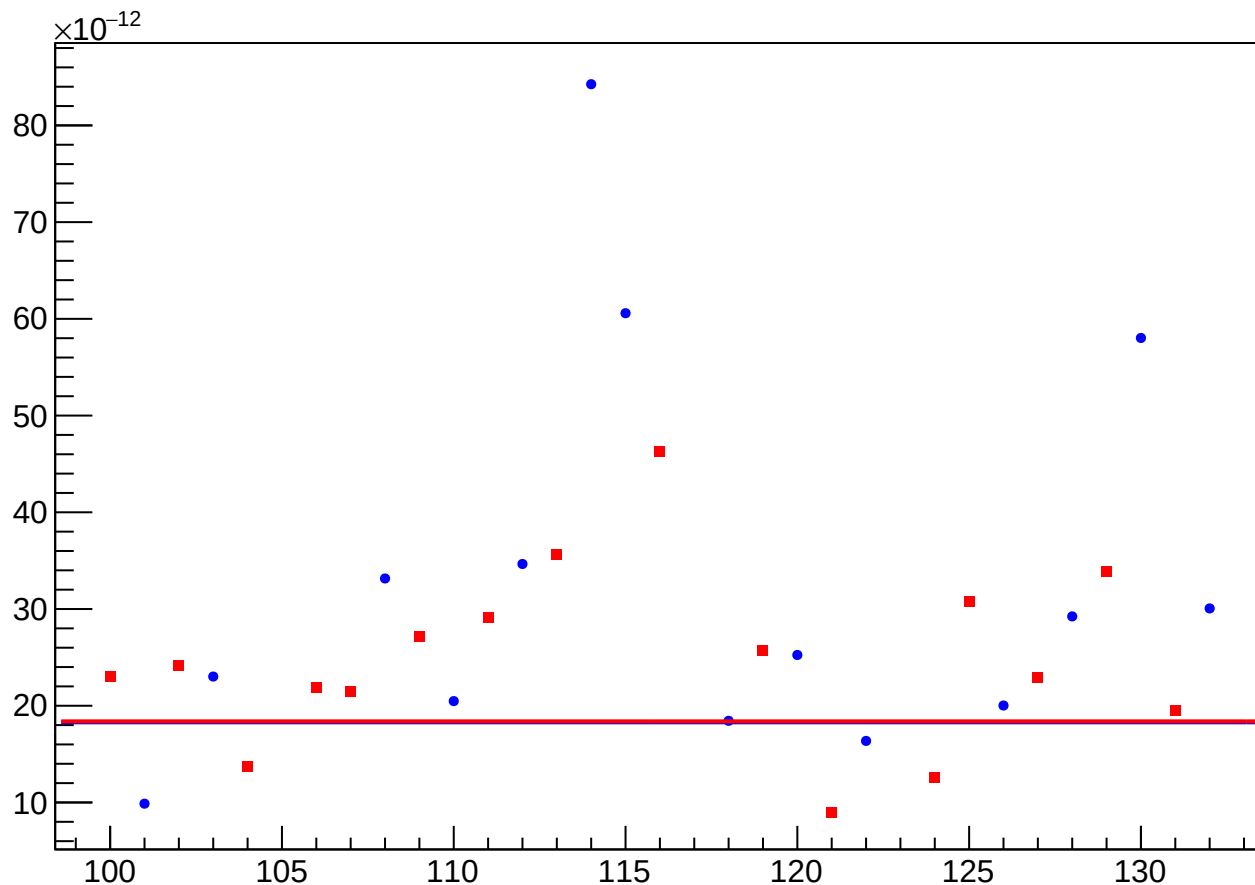
Right: -0.000+/-0.000 χ^2/NDF : 19.4/29

In: -0.000+/-0.000 χ^2/NDF : 7.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.4/29

asym_sam_15_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1095299.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 948940.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

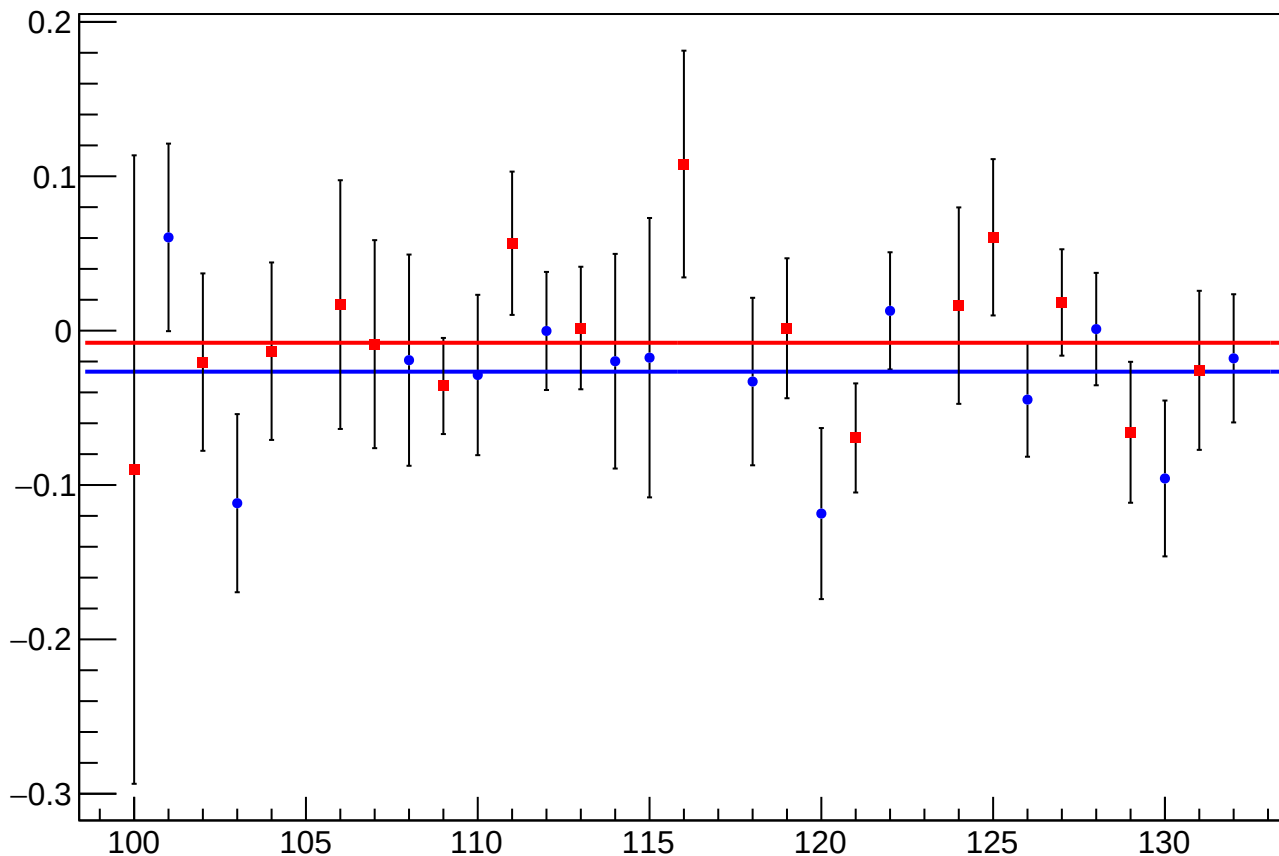
Right: 0.000+/-0.000 χ^2/NDF : 2044309.4/29

In: 0.000+/-0.000 χ^2/NDF : 1095299.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2044309.4/29

asym_sam_15_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.027 ± 0.013 χ^2/NDF : 11.3/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.008 ± 0.012 χ^2/NDF : 13.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

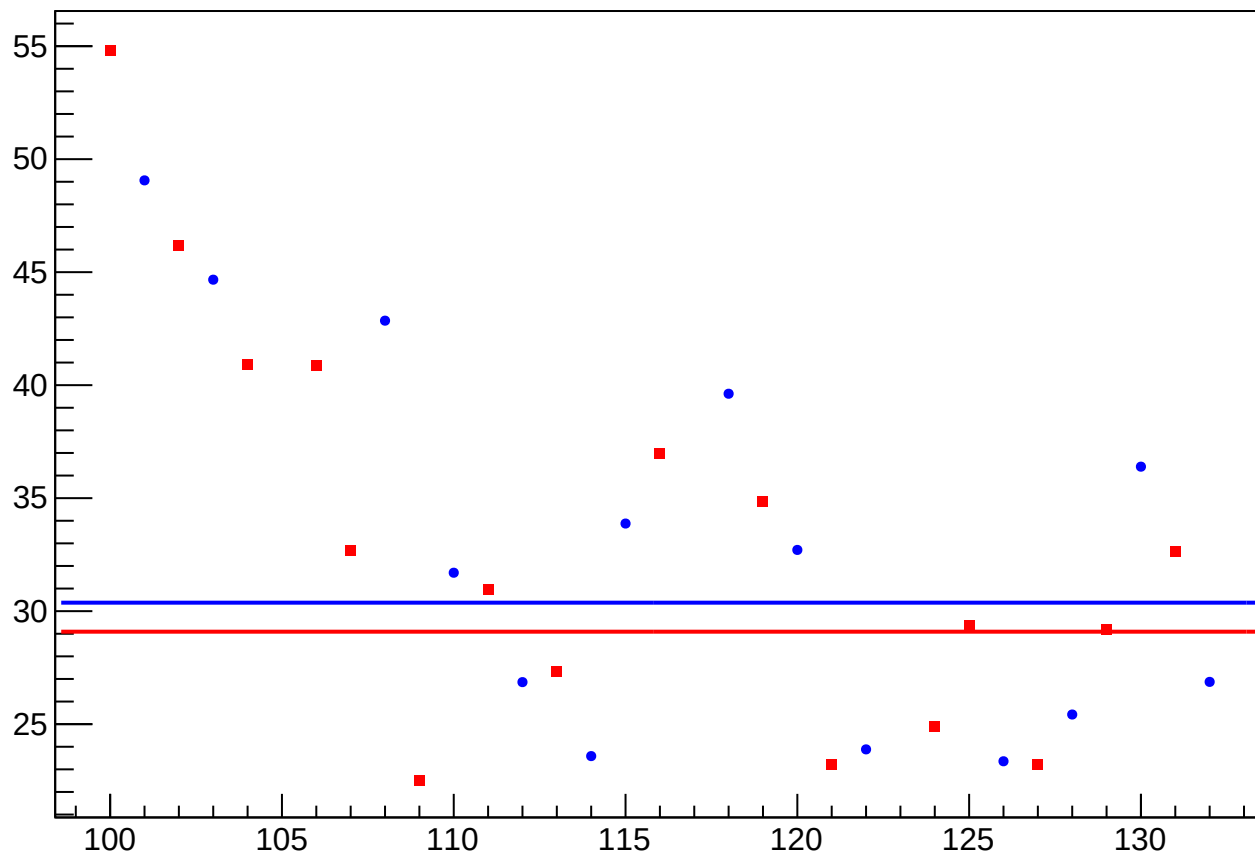
Right: -0.017 ± 0.009 χ^2/NDF : 25.4/29

In: -0.027 ± 0.013 χ^2/NDF : 11.3/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.017 ± 0.009 χ^2/NDF : 25.4/29

asym_sam_15_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.375+/-0.009 χ^2/NDF : 690398.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.092+/-0.008 χ^2/NDF : 625677.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

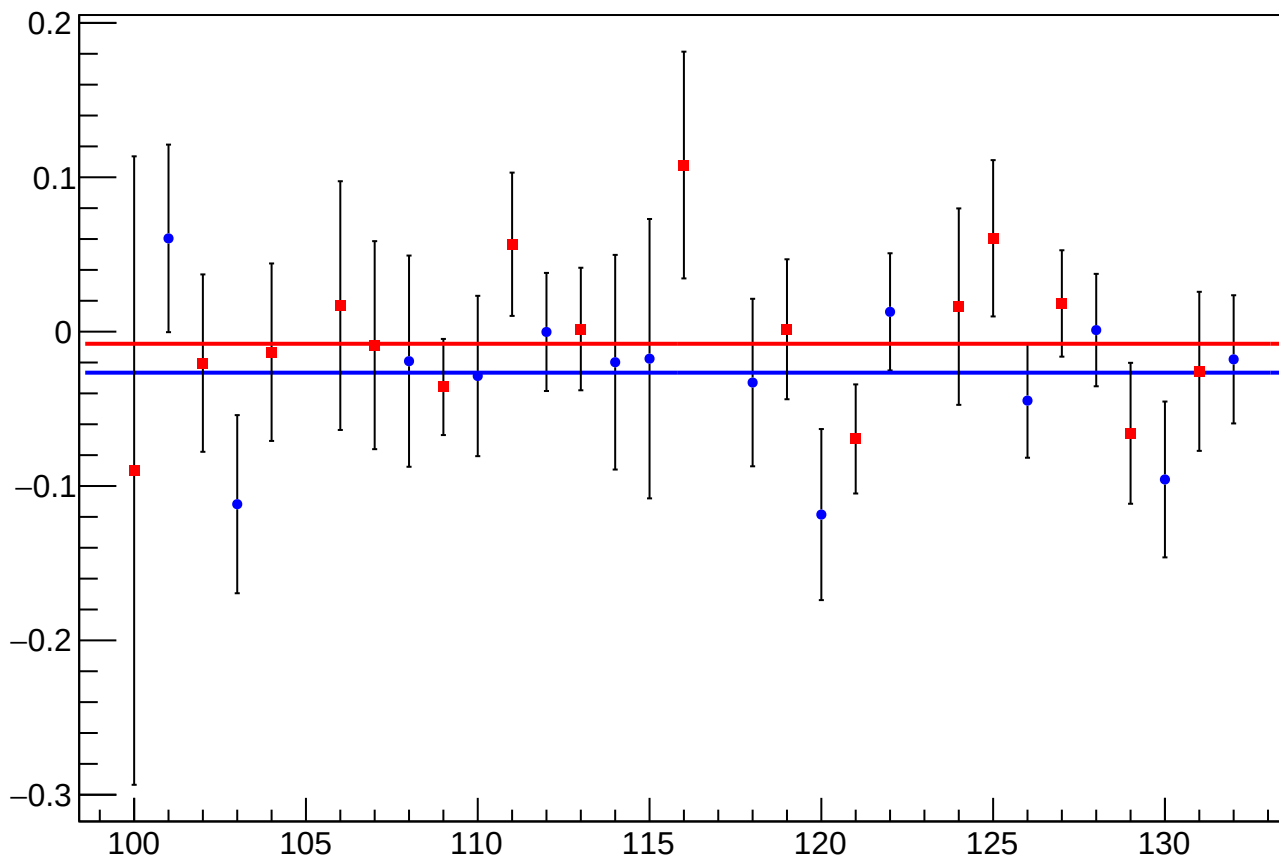
Right: 29.686+/-0.006 χ^2/NDF : 1326669.4/29

In: 30.375+/-0.009 χ^2/NDF : 690398.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.686+/-0.006 χ^2/NDF : 1326669.4/29

asym_sam_15_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.027 ± 0.013 χ^2/NDF : 11.3/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.008 ± 0.012 χ^2/NDF : 13.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

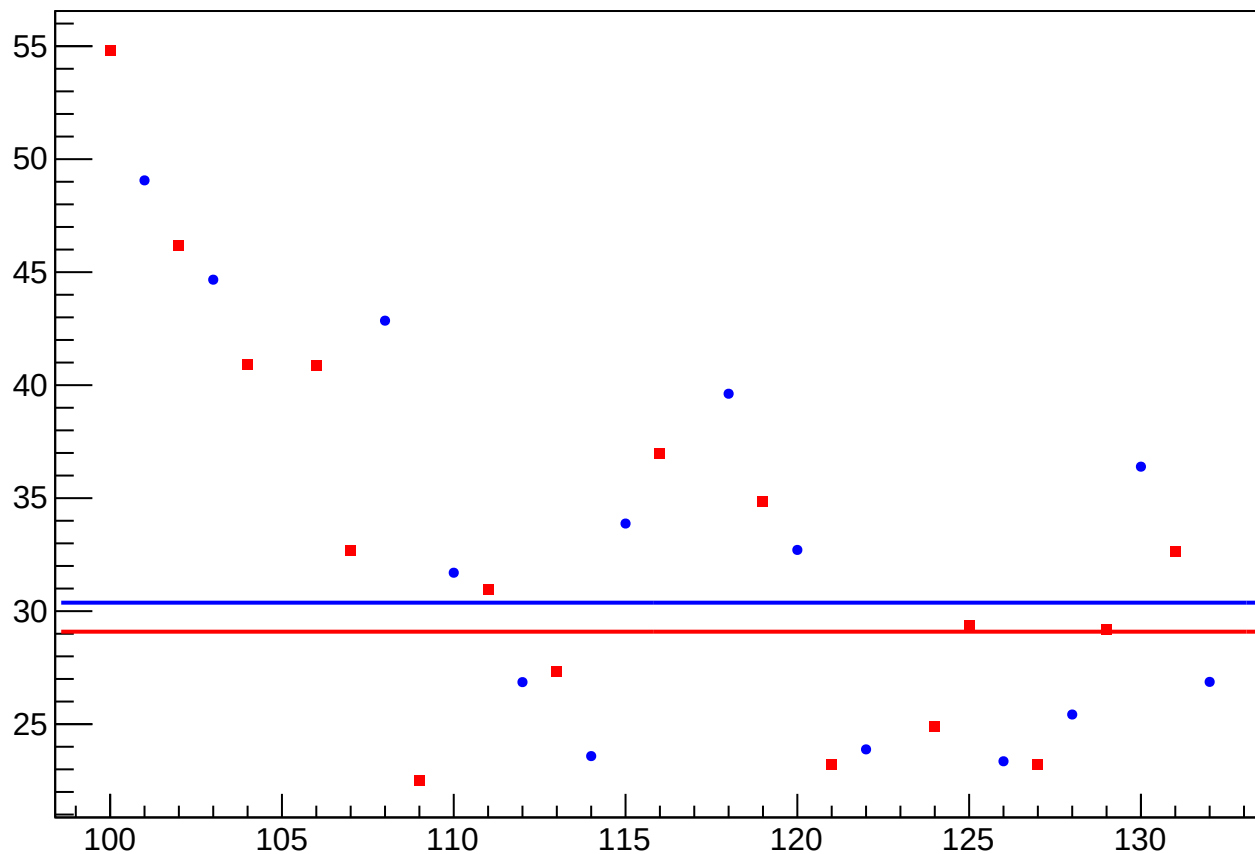
Right: -0.017 ± 0.009 χ^2/NDF : 25.4/29

In: -0.027 ± 0.013 χ^2/NDF : 11.3/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.017 ± 0.009 χ^2/NDF : 25.4/29

asym_sam_15_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.375+/-0.009 χ^2/NDF : 690398.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.092+/-0.008 χ^2/NDF : 625677.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

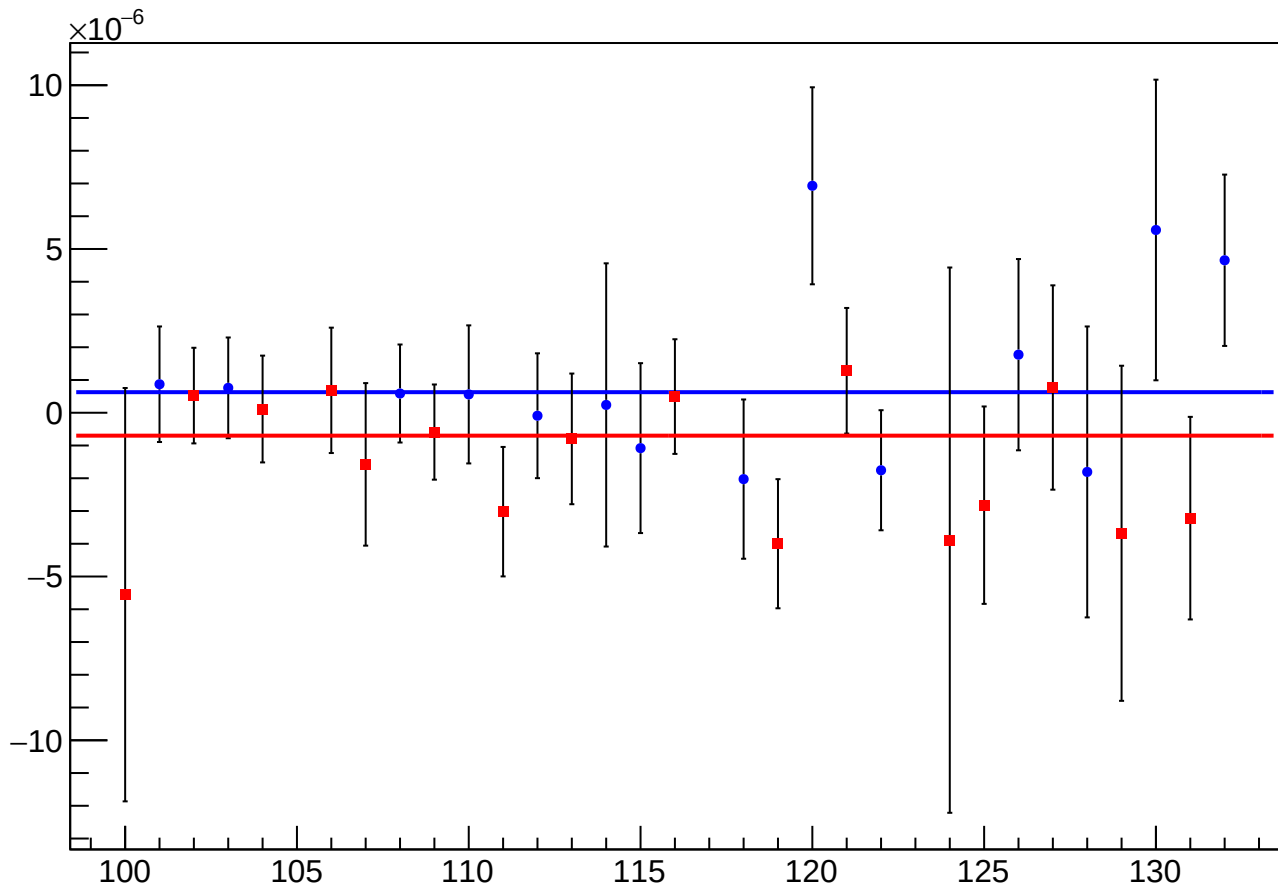
Right: 29.686+/-0.006 χ^2/NDF : 1326669.4/29

In: 30.375+/-0.009 χ^2/NDF : 690398.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.686+/-0.006 χ^2/NDF : 1326669.4/29

asym_sam_15_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 11.9/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 9.8/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

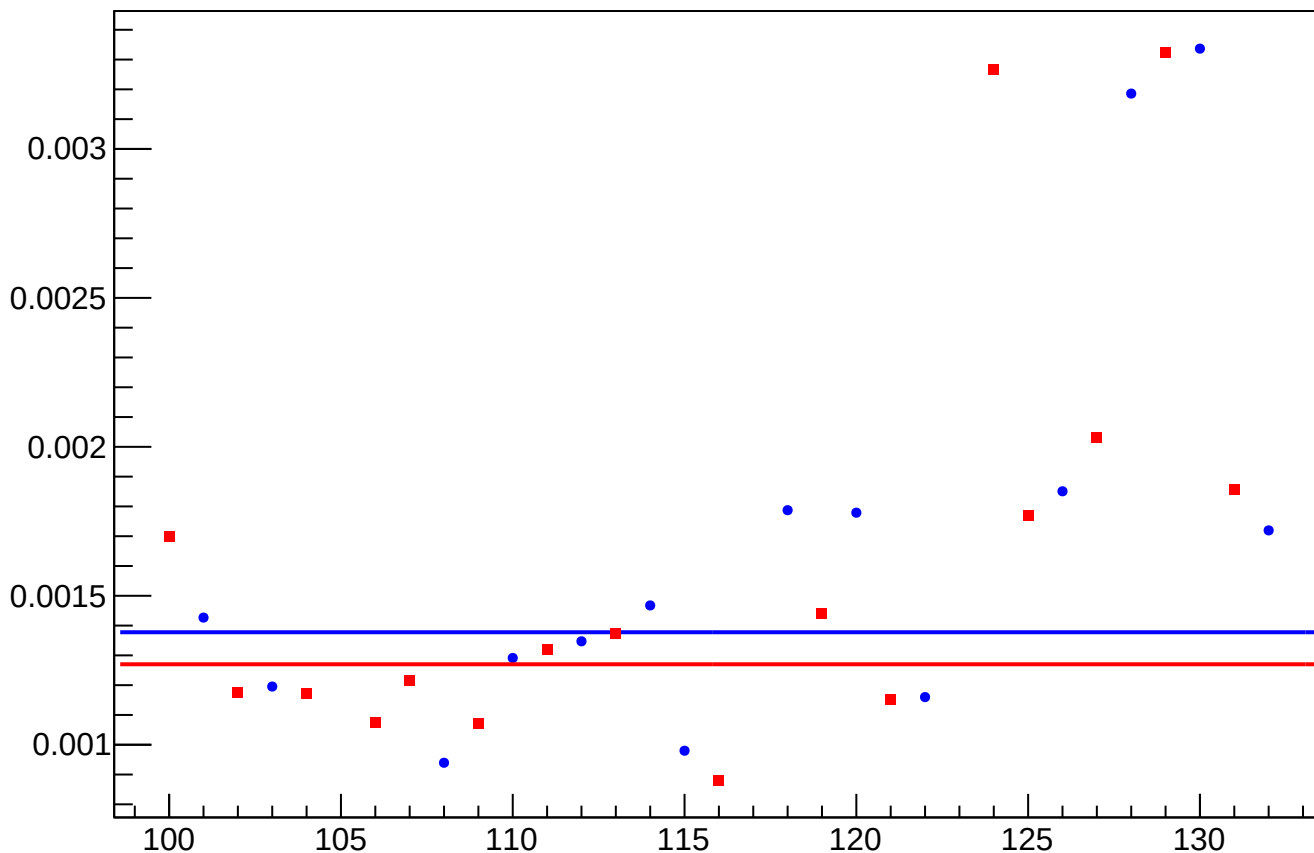
Right: -0.000 ± 0.000 χ^2/NDF : 24.4/29

In: 0.000 ± 0.000 χ^2/NDF : 11.9/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 24.4/29

asym_sam_15_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1156123.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 894706.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

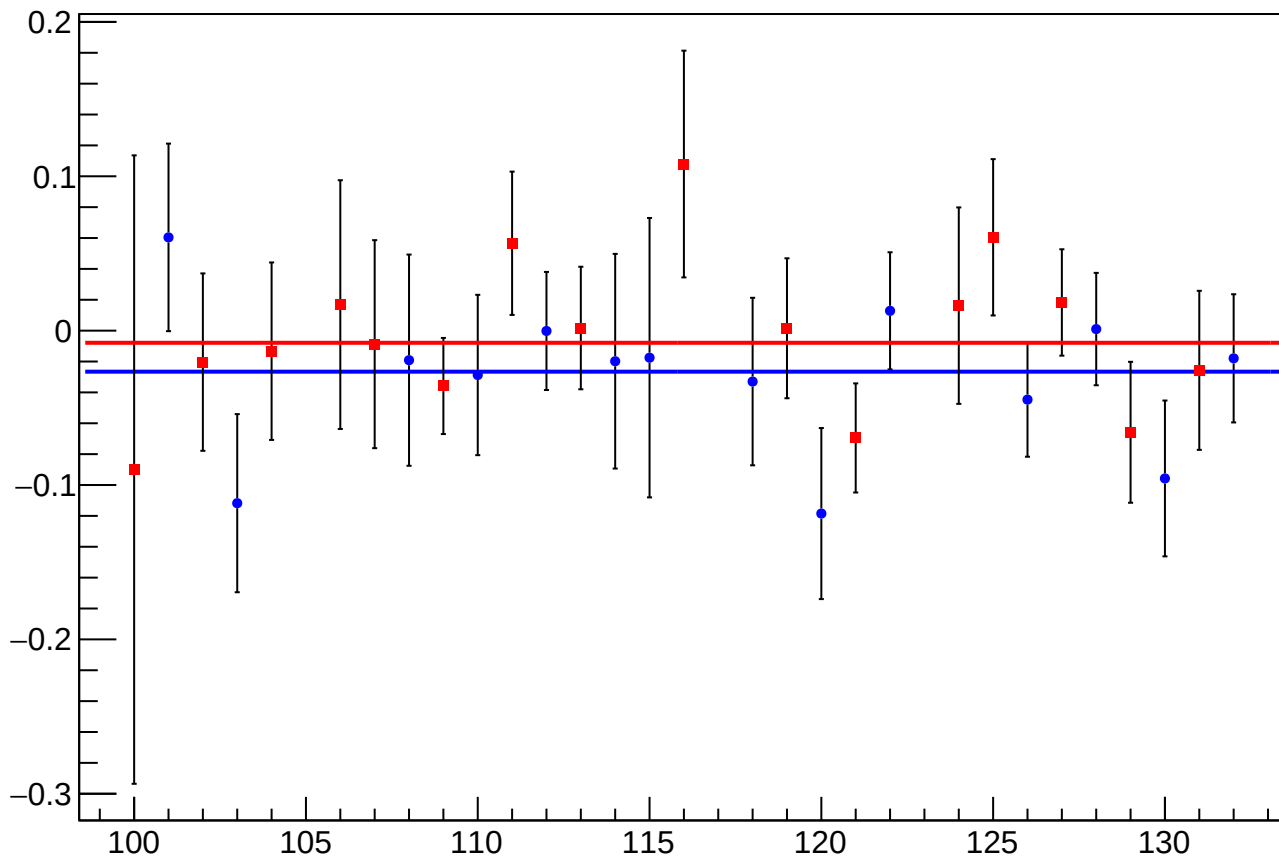
Right: 0.001+/-0.000 χ^2/NDF : 2087058.2/29

In: 0.001+/-0.000 χ^2/NDF : 1156123.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2087058.2/29

asym_sam_15_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.027 $\pm$ 0.013 χ^2 /NDF: 11.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.008 $\pm$ 0.012 χ^2 /NDF: 13.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

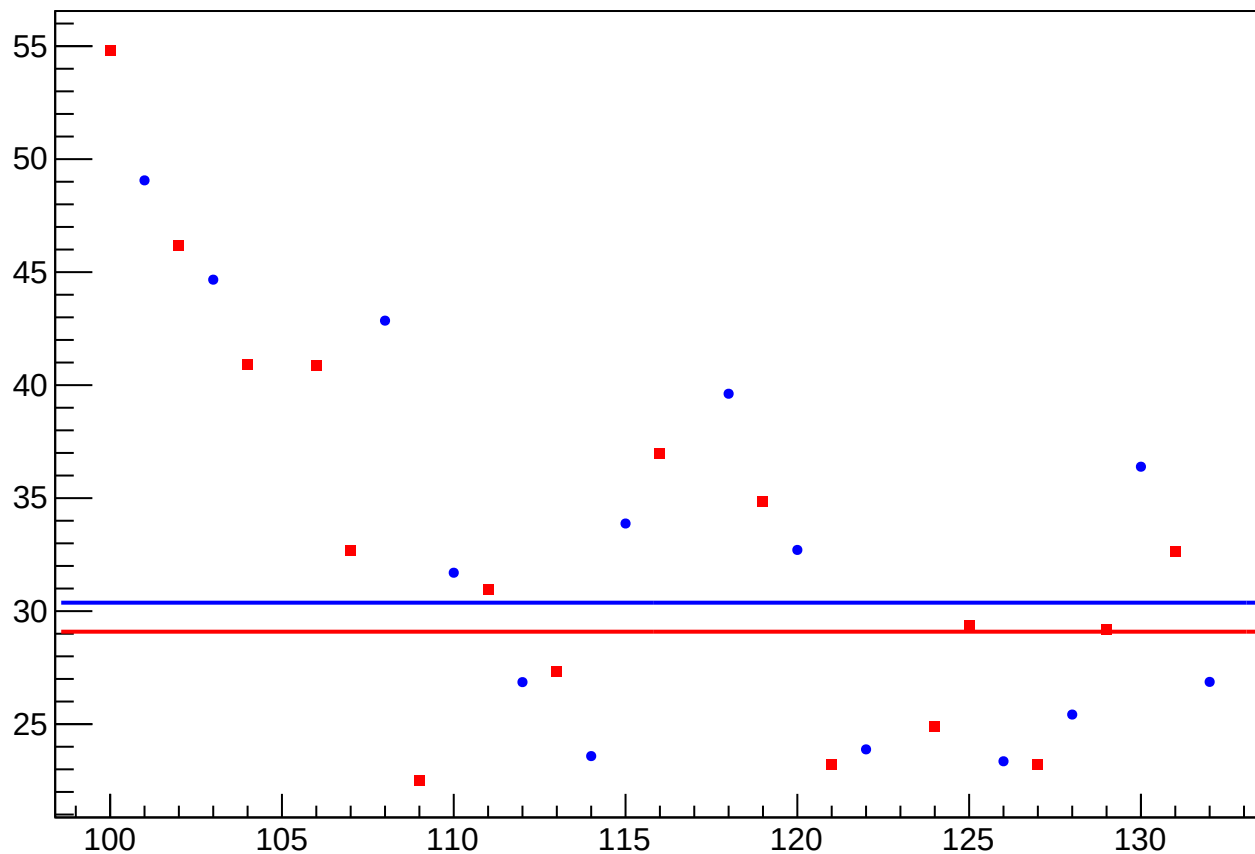
Right: -0.017 $\pm$ 0.009 χ^2 /NDF: 25.4/29

In: -0.027 $\pm$ 0.013 χ^2 /NDF:11.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.017 $\pm$ 0.009 χ^2 /NDF: 25.4/29

asym_sam_15_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.374+/-0.009 χ^2/NDF : 690447.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.091+/-0.008 χ^2/NDF : 625752.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

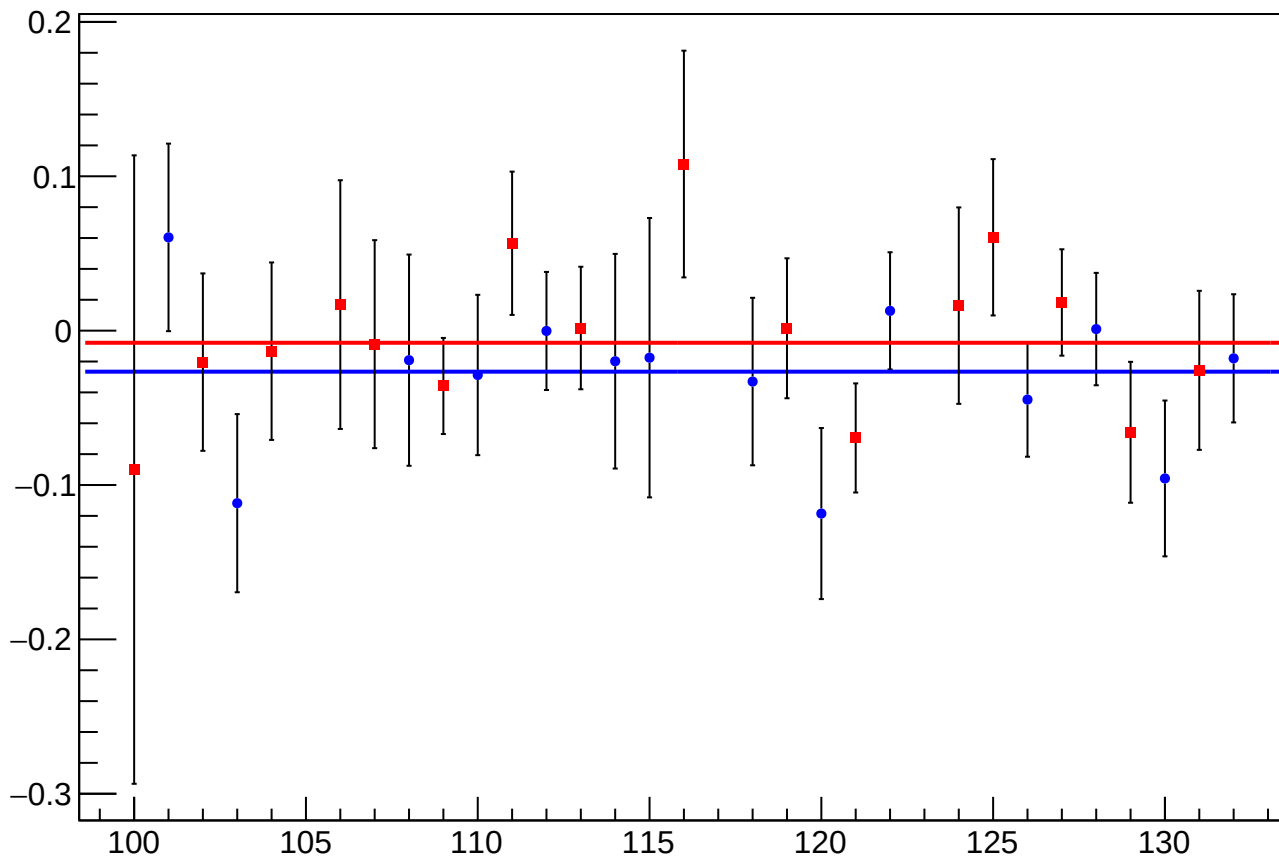
Right: 29.685+/-0.006 χ^2/NDF : 1326795.0/29

In: 30.374+/-0.009 χ^2/NDF : 690447.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.685+/-0.006 χ^2/NDF : 1326795.0/29

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.027 $\pm$ 0.013 χ^2 /NDF: 11.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.008 $\pm$ 0.012 χ^2 /NDF: 13.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

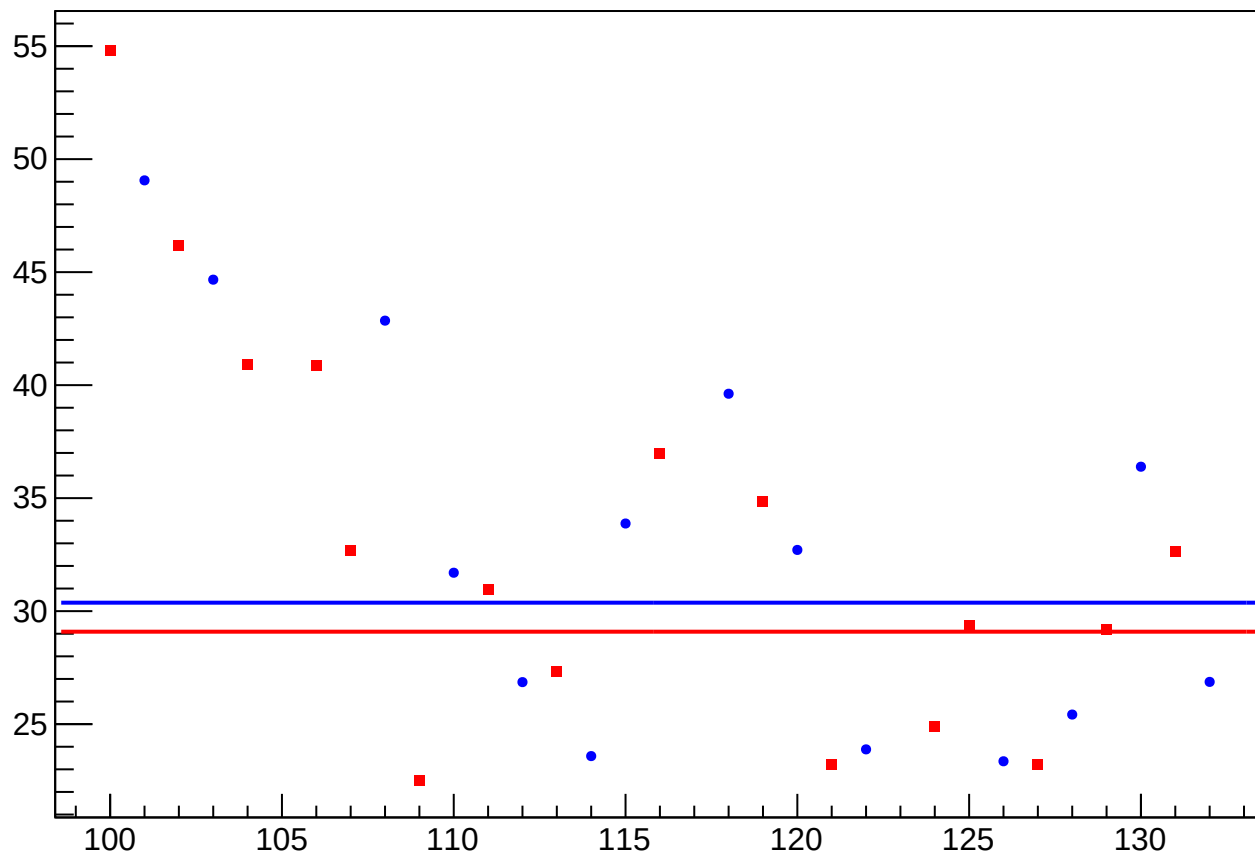
Right: -0.017 $\pm$ 0.009 χ^2 /NDF: 25.4/29

In: -0.027 $\pm$ 0.013 χ^2 /NDF:11.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.017 $\pm$ 0.009 χ^2 /NDF: 25.4/29

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.374+/-0.009 χ^2/NDF : 690447.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.091+/-0.008 χ^2/NDF : 625752.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

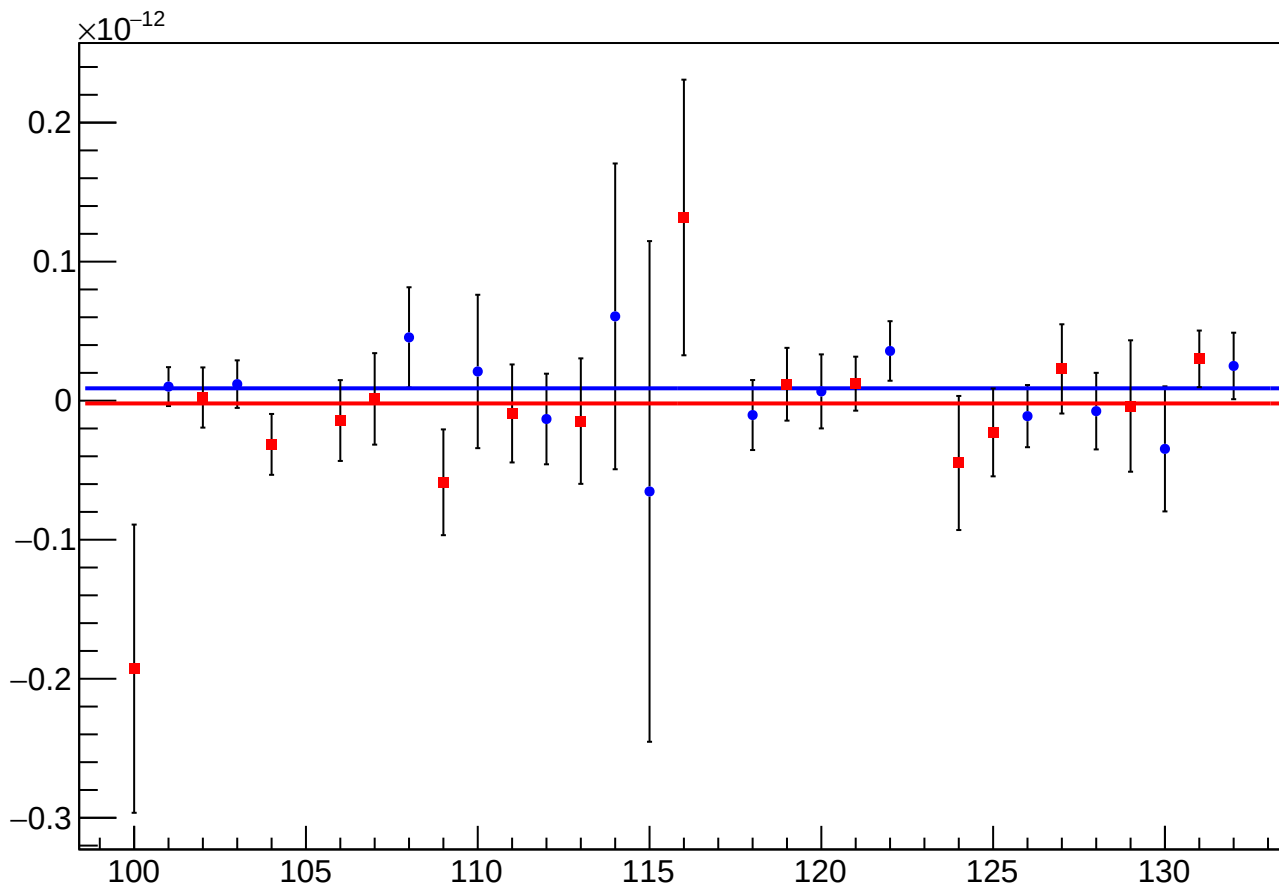
Right: 29.685+/-0.006 χ^2/NDF : 1326795.0/29

In: 30.374+/-0.009 χ^2/NDF : 690447.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.685+/-0.006 χ^2/NDF : 1326795.0/29

asym_sam_15_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

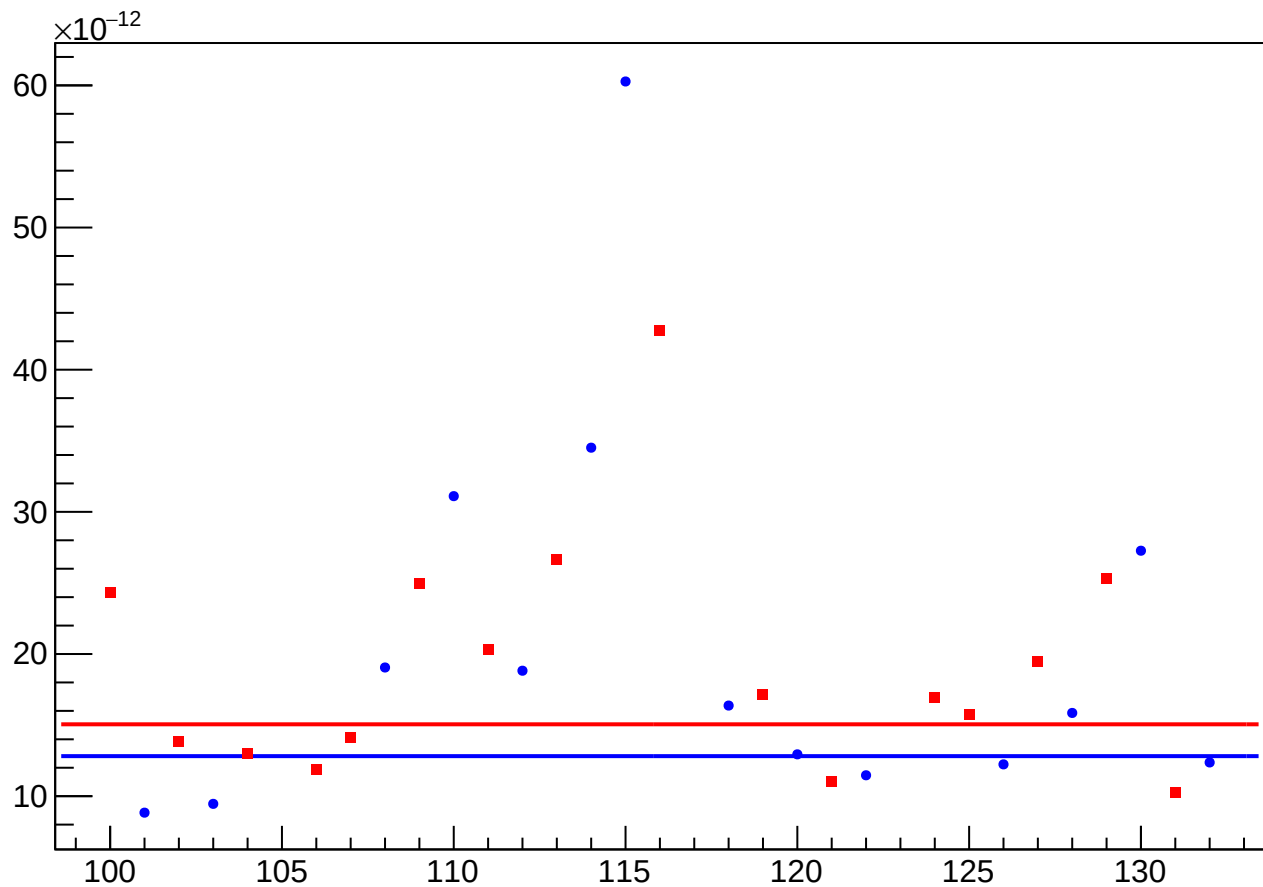
Right: 0.000+/-0.000 χ^2/NDF : 22.5/29

In: 0.000+/-0.000 χ^2/NDF : 6.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.5/29

asym_sam_15_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1083958.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 880987.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

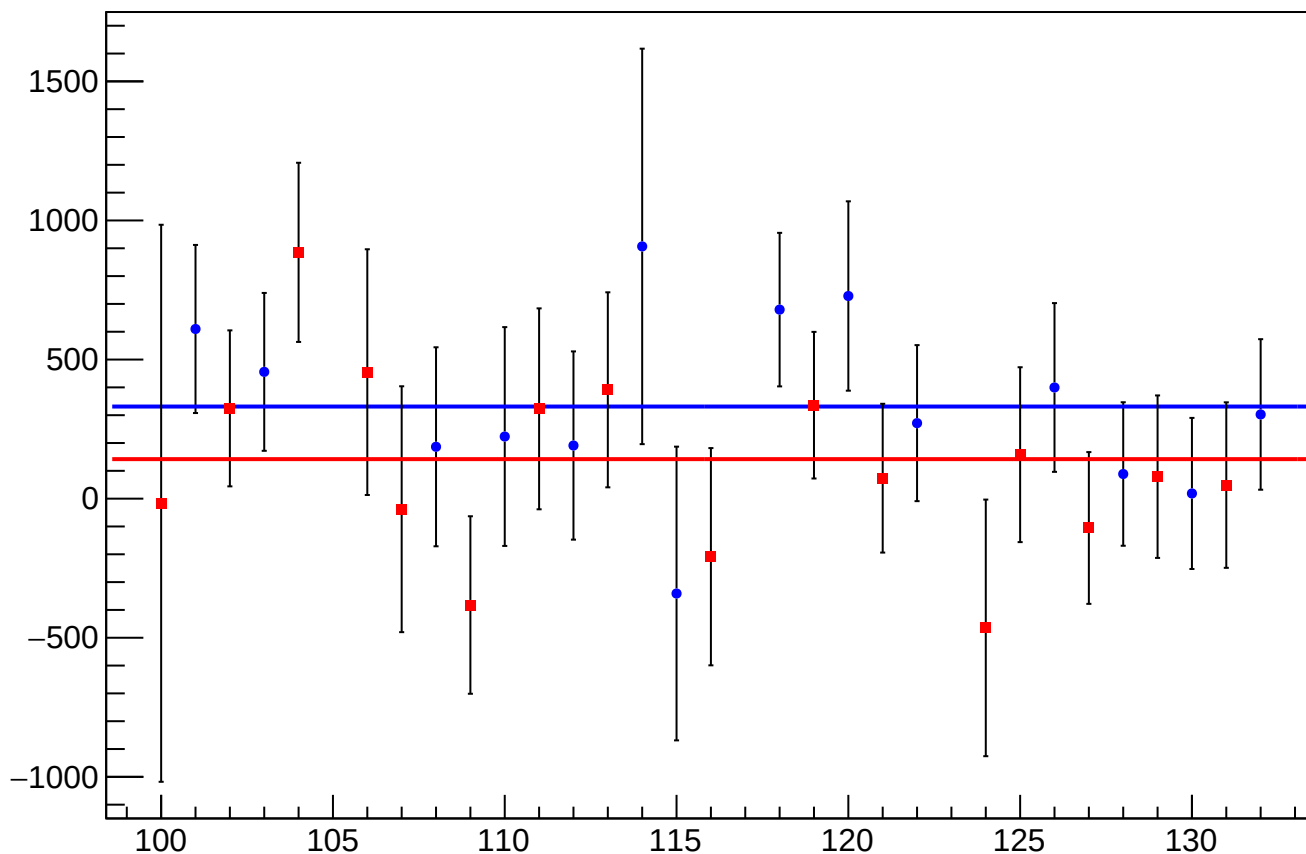
Right: 0.000+/-0.000 χ^2/NDF : 2062674.3/29

In: 0.000+/-0.000 χ^2/NDF : 1083958.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2062674.3/29

reg_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 331.116 ± 84.647 χ^2/NDF : 9.0/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 142.063 ± 82.910 χ^2/NDF : 14.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

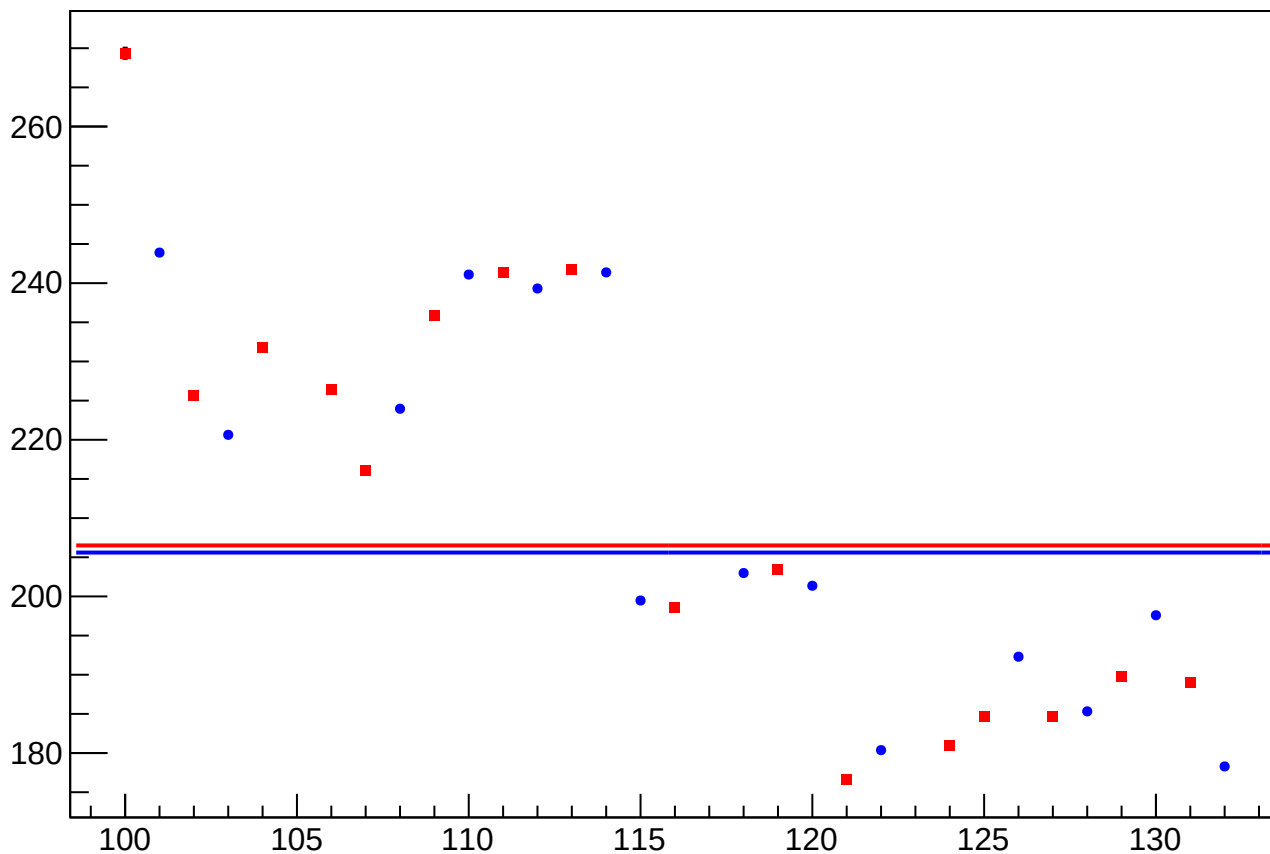
Right: 234.630 ± 59.231 χ^2/NDF : 25.6/29

In: 331.116 ± 84.647 χ^2/NDF : 9.0/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 234.630 ± 59.231 χ^2/NDF : 25.6/29

reg_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 205.601+/-0.060 χ^2/NDF : 139523.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 206.510+/-0.059 χ^2/NDF : 158475.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

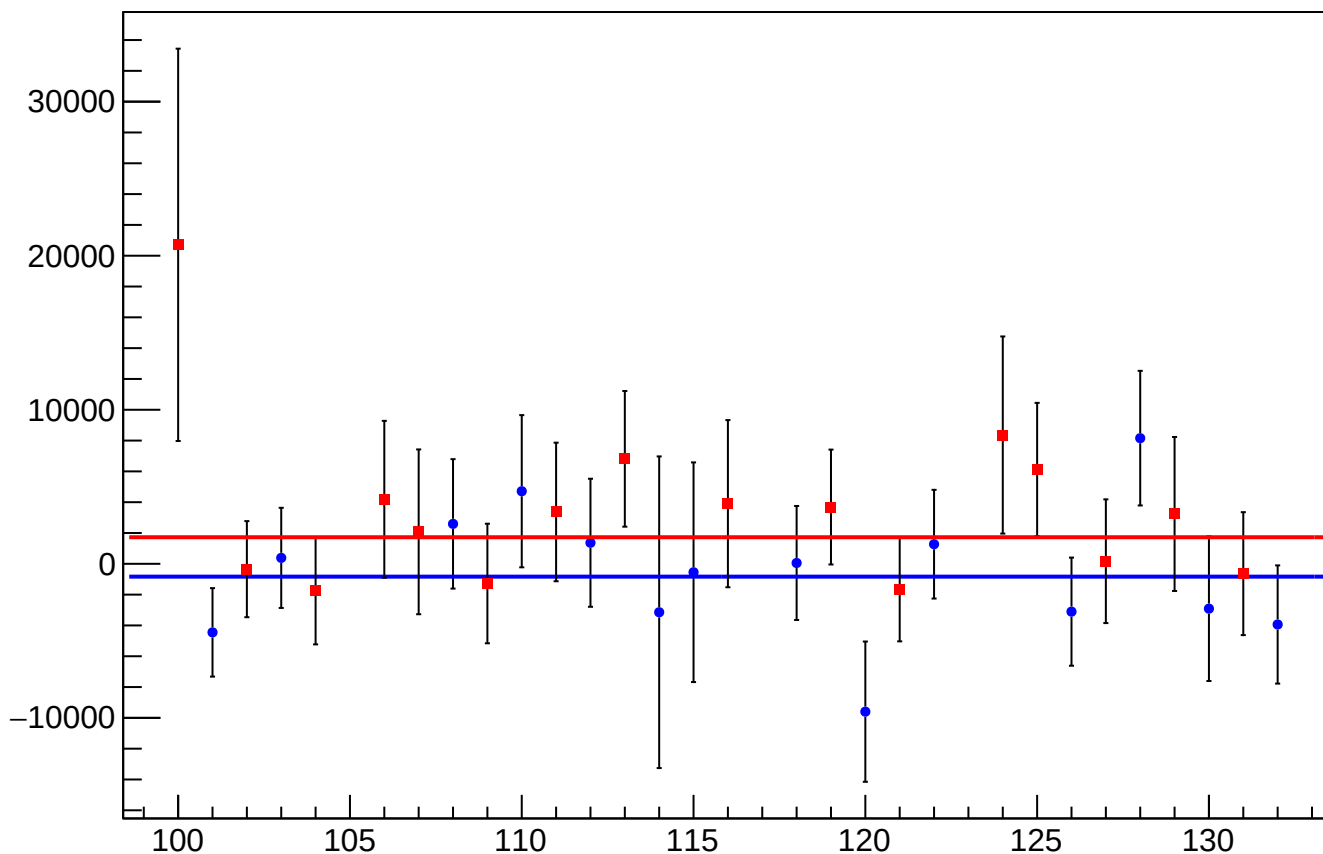
Right: 206.065+/-0.042 χ^2/NDF : 298116.8/29

In: 205.601+/-0.060 χ^2/NDF : 139523.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 206.065+/-0.042 χ^2/NDF : 298116.8/29

asym_sam_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -832.469+/-1085.078 χ^2/NDF : 13.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1725.254+/-1072.746 χ^2/NDF : 10.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

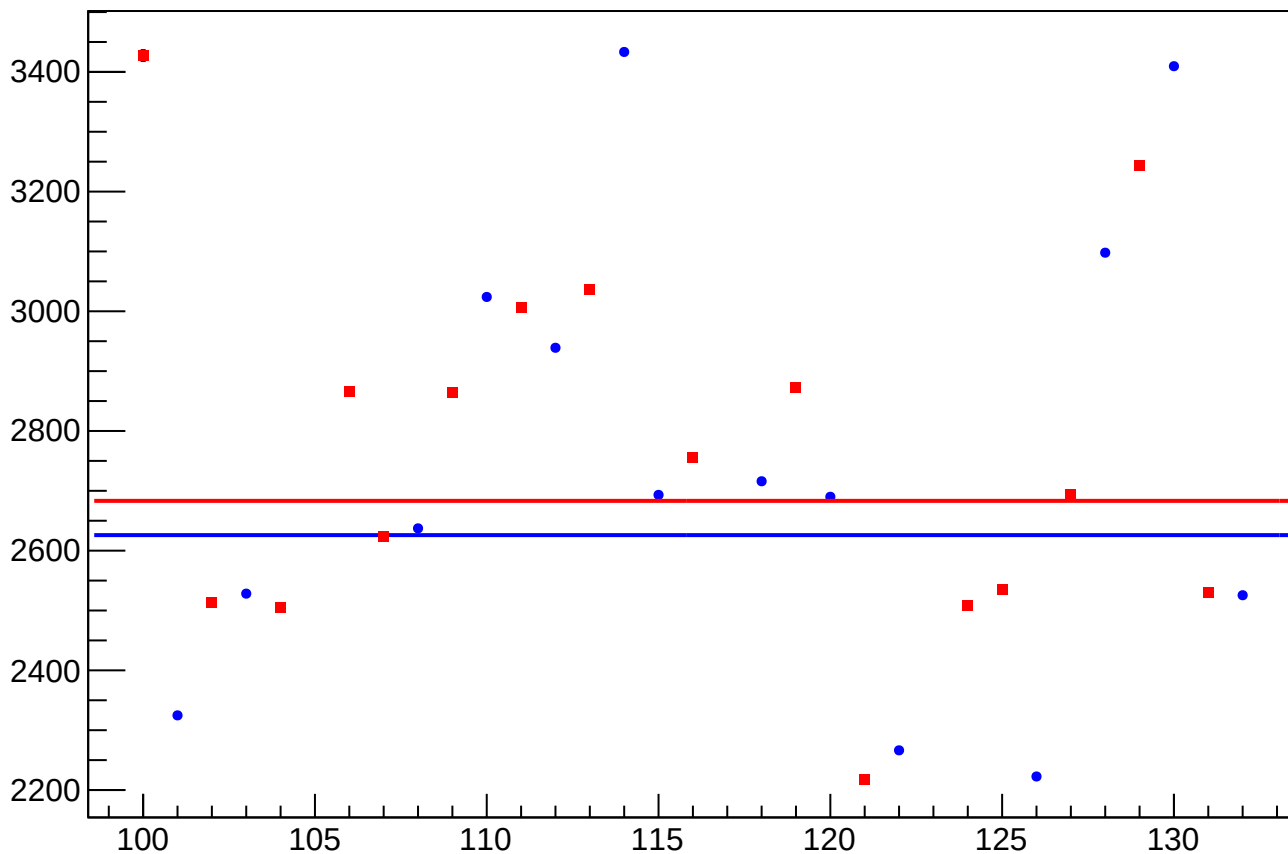
Right: 461.009+/-762.869 χ^2/NDF : 26.5/29

In: -832.469+/-1085.078 χ^2/NDF : 13.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 461.009+/-762.869 χ^2/NDF : 26.5/29

asym_sam_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2625.960+/-0.767 χ^2/NDF : 190247.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2683.212+/-0.759 χ^2/NDF : 123935.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

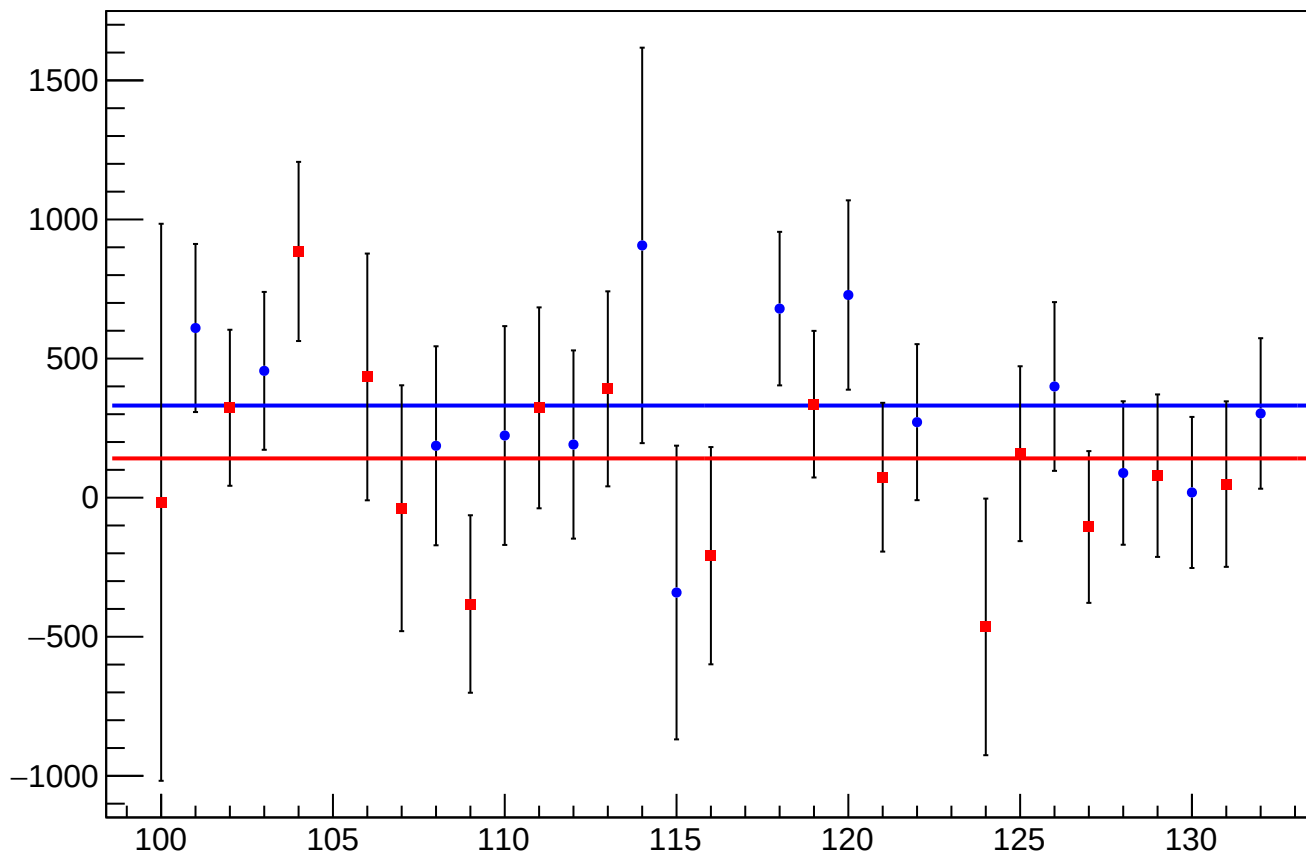
Right: 2654.913+/-0.539 χ^2/NDF : 316998.6/29

In: 2625.960+/-0.767 χ^2/NDF : 190247.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2654.913+/-0.539 χ^2/NDF : 316998.6/29

cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 331.128 $\pm$ 84.647 χ^2 /NDF: 9.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 141.094 $\pm$ 82.924 χ^2 /NDF: 13.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

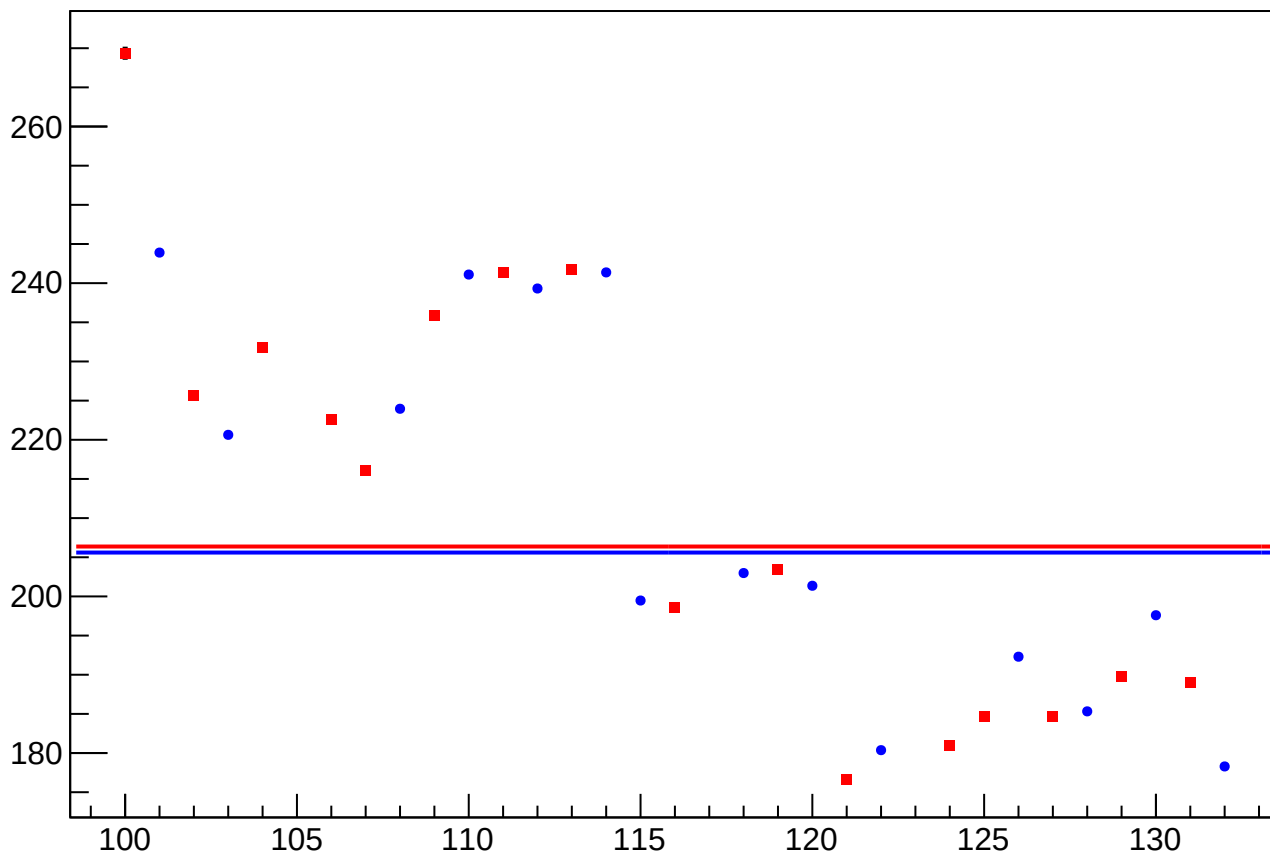
Right: 234.158 $\pm$ 59.236 χ^2 /NDF: 25.5/29

In: 331.128 $\pm$ 84.647 χ^2 /NDF:9.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 234.158 $\pm$ 59.236 χ^2 /NDF: 25.5/29

cor_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 205.601+/-0.060 χ^2/NDF : 139524.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 206.371+/-0.059 χ^2/NDF : 157055.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

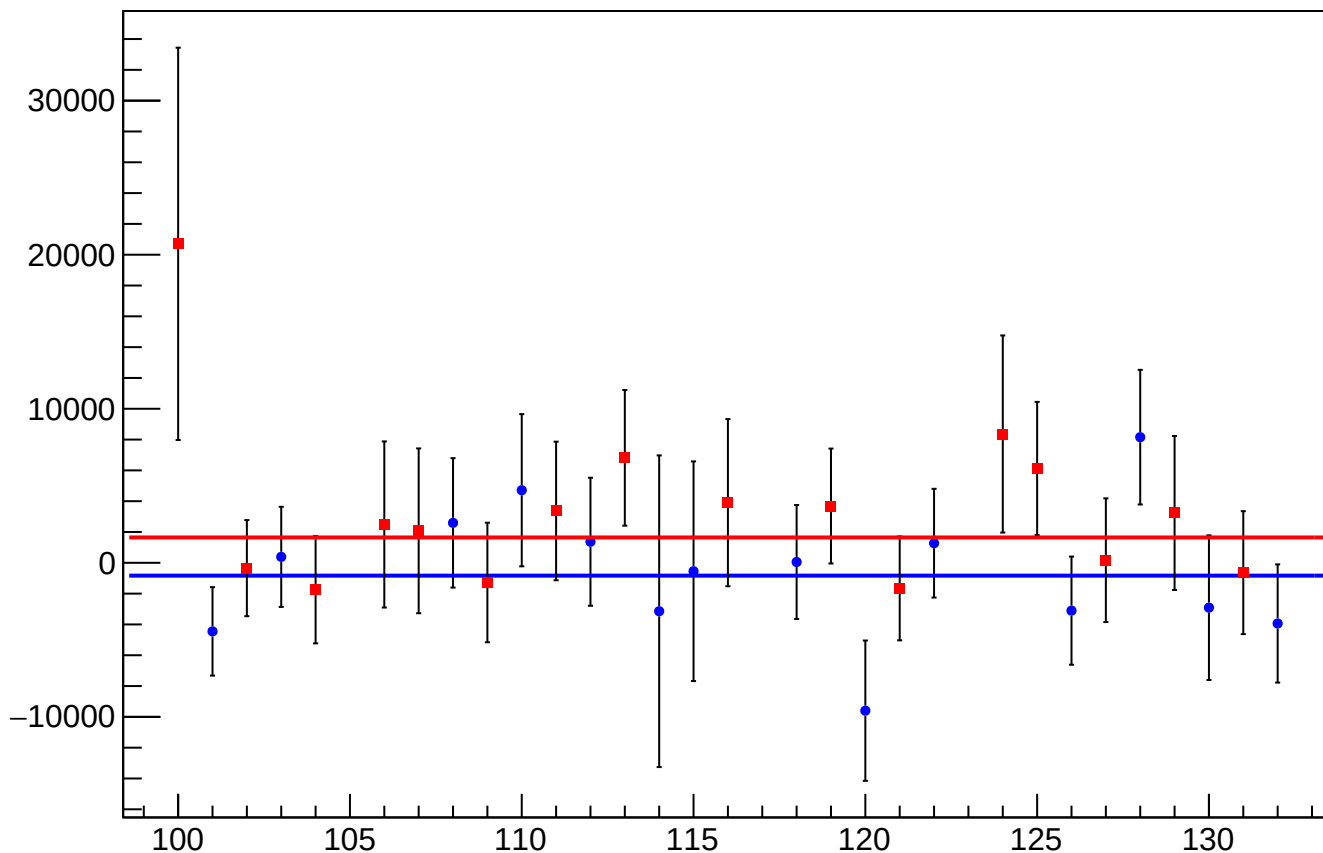
Right: 205.994+/-0.042 χ^2/NDF : 296664.3/29

In: 205.601+/-0.060 χ^2/NDF : 139524.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 205.994+/-0.042 χ^2/NDF : 296664.3/29

asym_sam_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -832.388+/-1085.081 χ^2/NDF : 13.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1646.147+/-1075.391 χ^2/NDF : 9.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

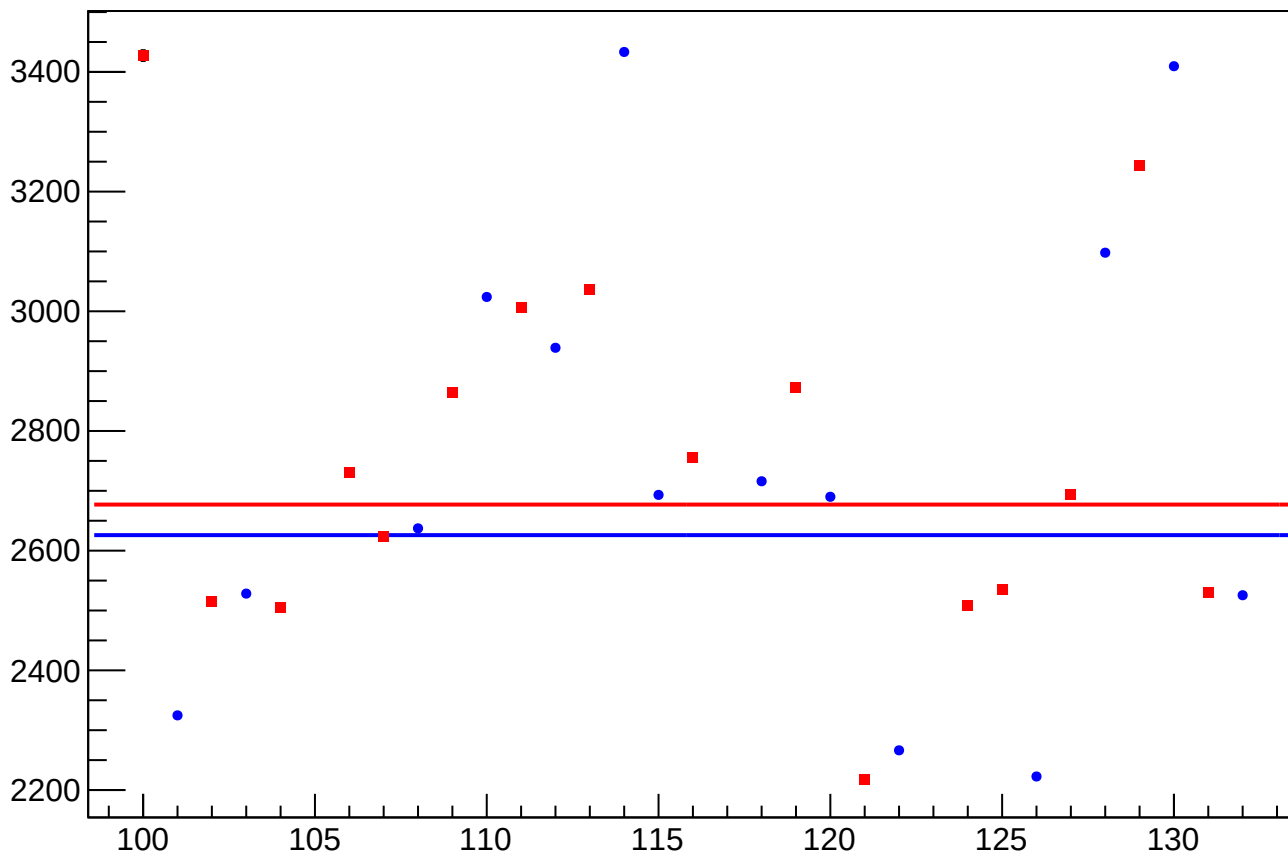
Right: 417.995+/-763.819 χ^2/NDF : 26.1/29

In: -832.388+/-1085.081 χ^2/NDF : 13.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 417.995+/-763.819 χ^2/NDF : 26.1/29

asym_sam_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2625.967+/-0.767 χ^2/NDF : 190245.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2677.025+/-0.760 χ^2/NDF : 121353.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

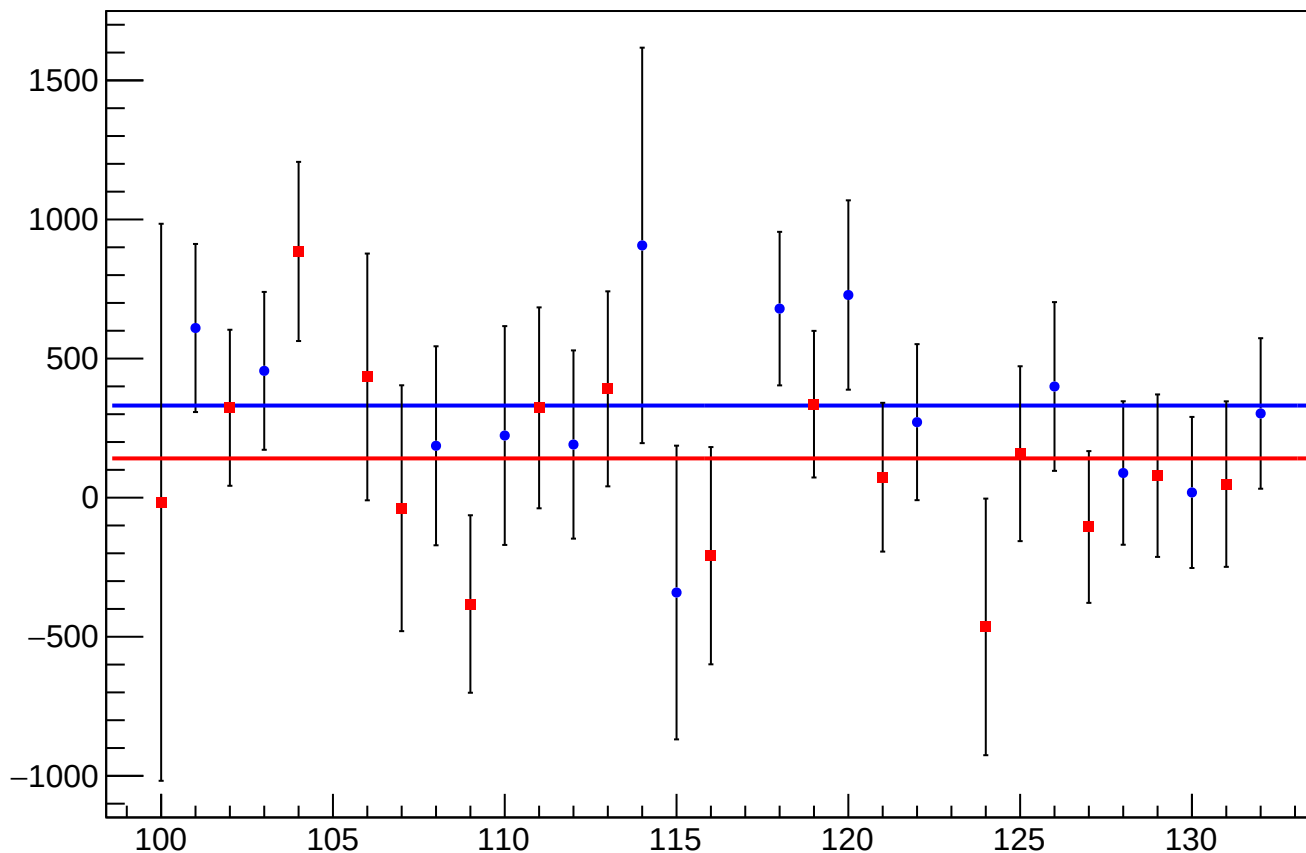
Right: 2651.725+/-0.540 χ^2/NDF : 313832.5/29

In: 2625.967+/-0.767 χ^2/NDF : 190245.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2651.725+/-0.540 χ^2/NDF : 313832.5/29

eigen_cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 331.128 $\pm$ 84.647 χ^2 /NDF: 9.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 141.094 $\pm$ 82.924 χ^2 /NDF: 13.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

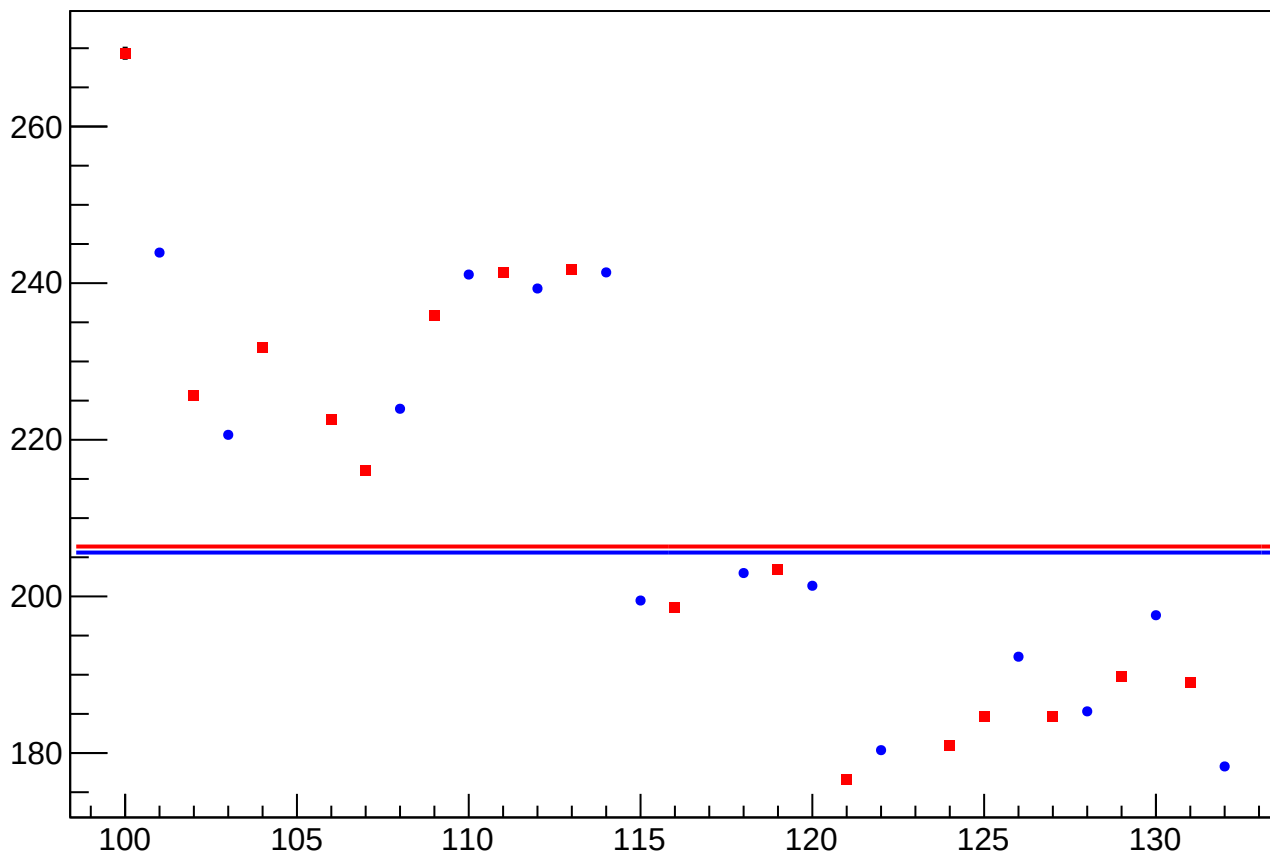
Right: 234.158 $\pm$ 59.236 χ^2 /NDF: 25.5/29

In: 331.128 $\pm$ 84.647 χ^2 /NDF:9.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 234.158 $\pm$ 59.236 χ^2 /NDF: 25.5/29

eigen_cor_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 205.601 $\pm$ 0.060 χ^2 /NDF: 139524.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 206.371 $\pm$ 0.059 χ^2 /NDF: 157055.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

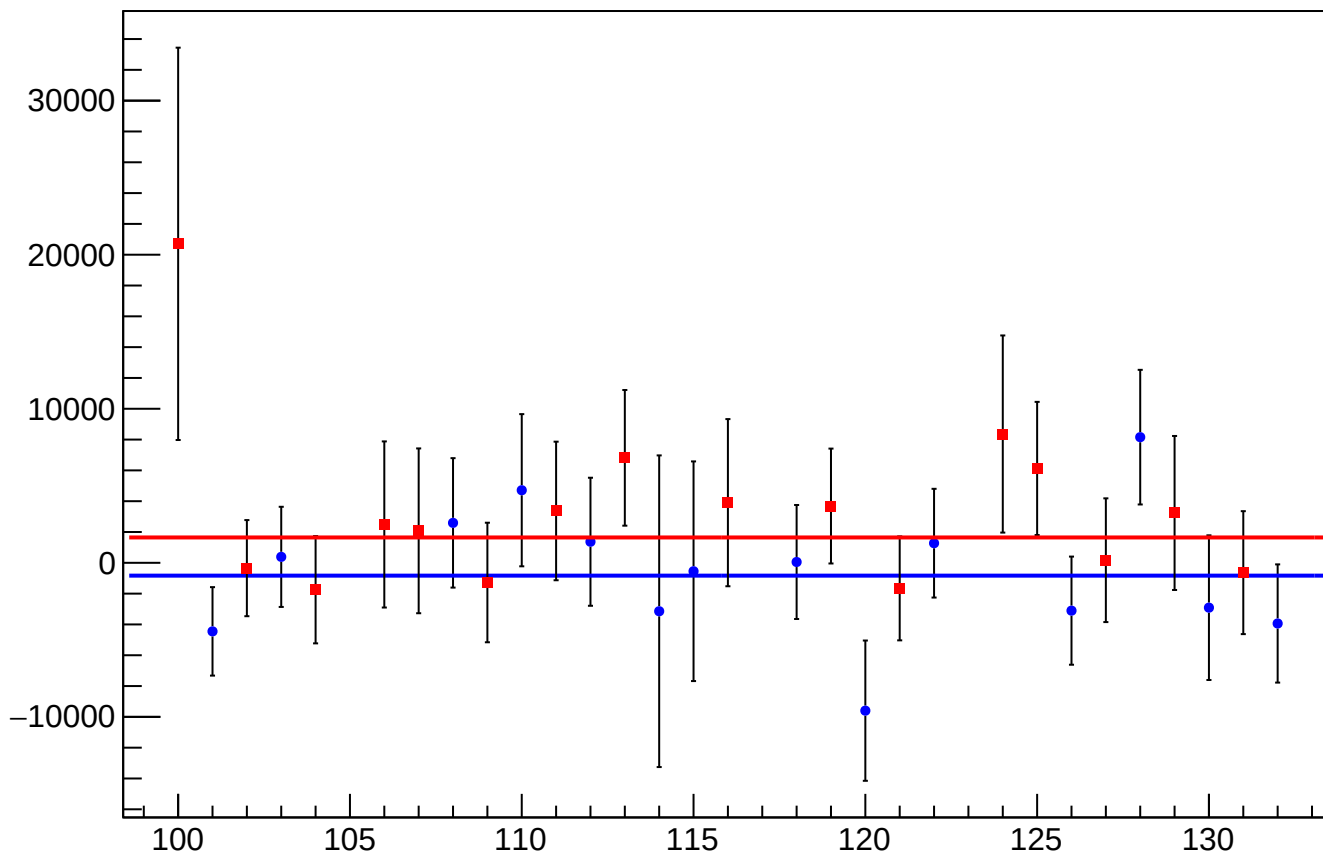
Right: 205.994 $\pm$ 0.042 χ^2 /NDF: 296664.3/29

In: 205.601 $\pm$ 0.060 χ^2 /NDF:139524.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 205.994 $\pm$ 0.042 χ^2 /NDF: 296664.3/29

asym_sam_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -832.388 ± 1085.081 χ^2/NDF : 13.6/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1646.147 ± 1075.391 χ^2/NDF : 9.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

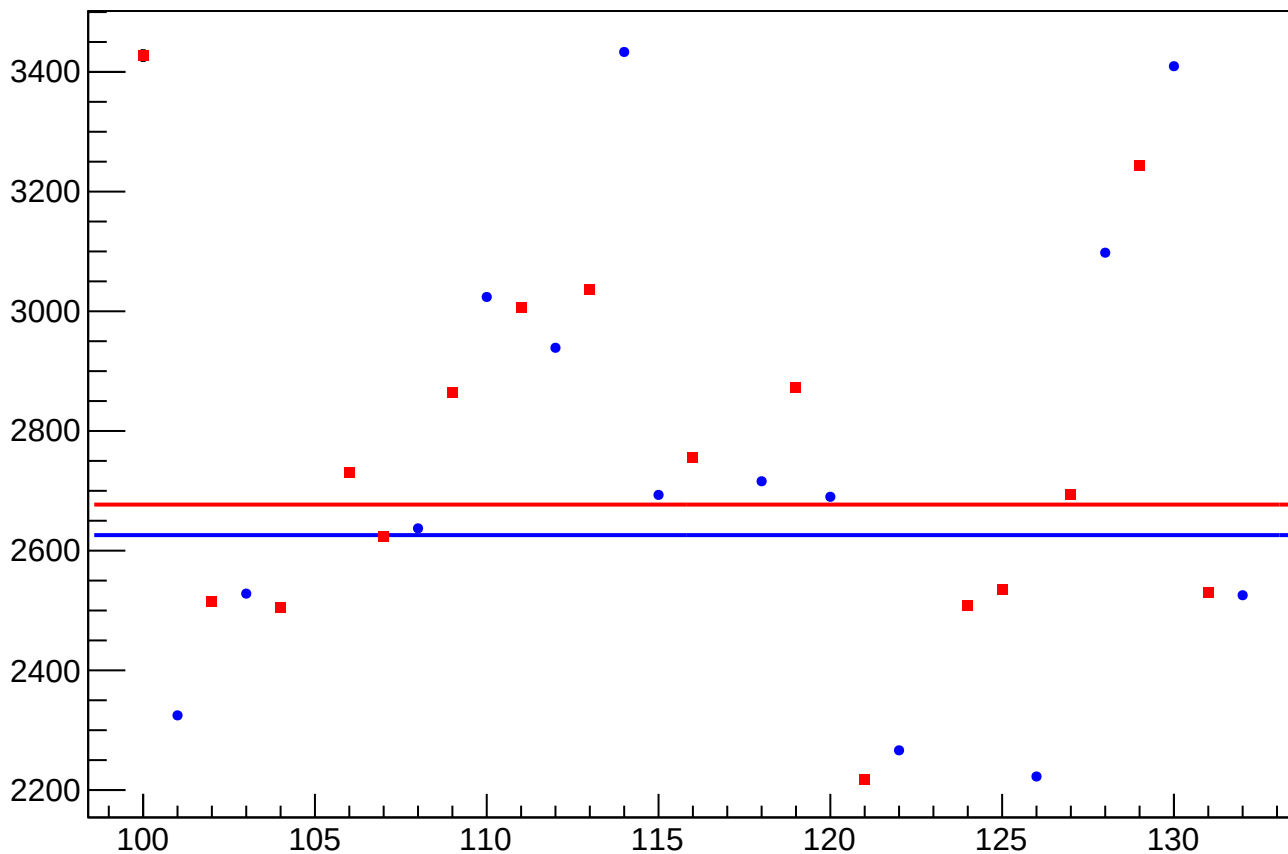
Right: 417.995 ± 763.819 χ^2/NDF : 26.1/29

In: -832.388 ± 1085.081 χ^2/NDF : 13.6/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 417.995 ± 763.819 χ^2/NDF : 26.1/29

asym_sam_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2625.967+/-0.767 χ^2/NDF : 190245.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2677.025+/-0.760 χ^2/NDF : 121353.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

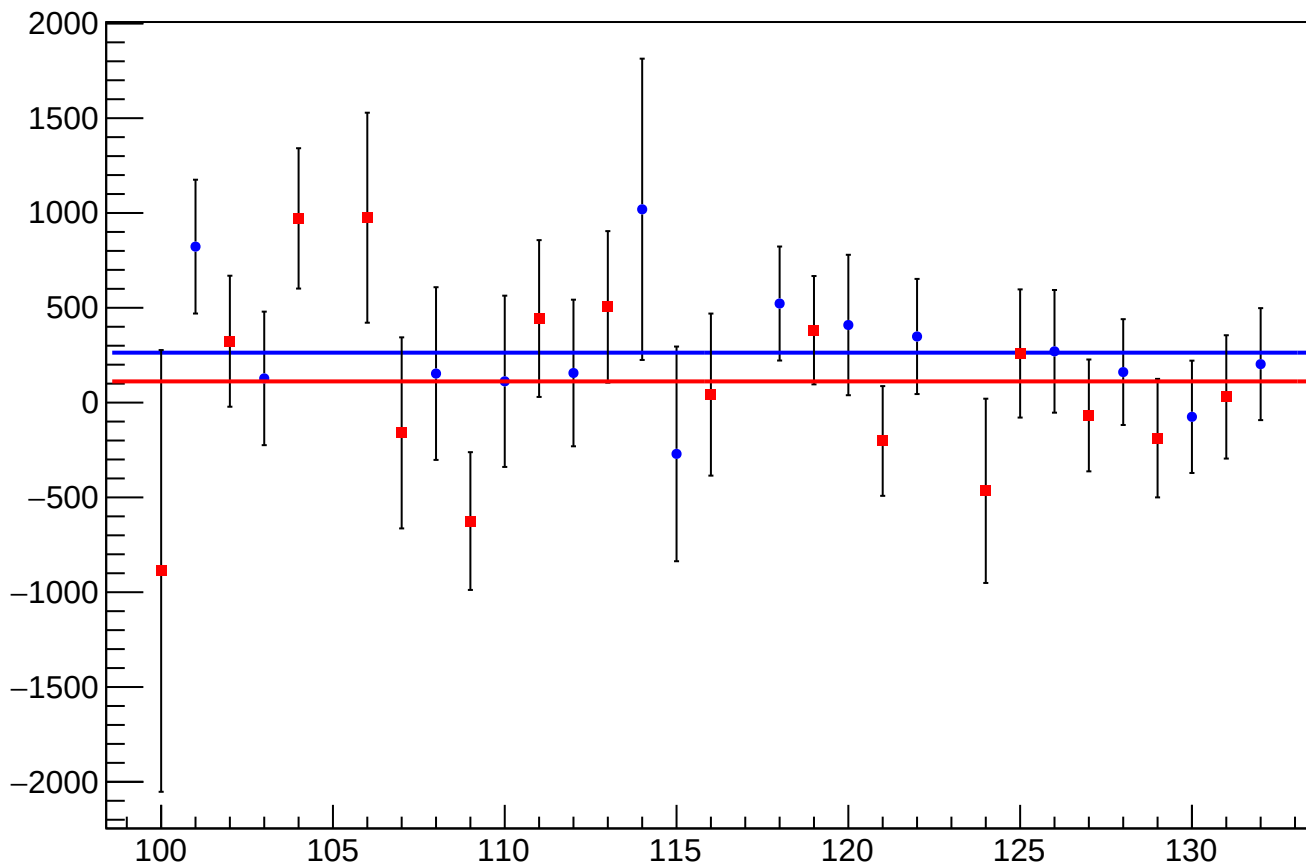
Right: 2651.725+/-0.540 χ^2/NDF : 313832.5/29

In: 2625.967+/-0.767 χ^2/NDF : 190245.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2651.725+/-0.540 χ^2/NDF : 313832.5/29

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 263.330 $\pm$ 94.621 χ^2 /NDF: 7.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 111.805 $\pm$ 92.388 χ^2 /NDF: 20.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

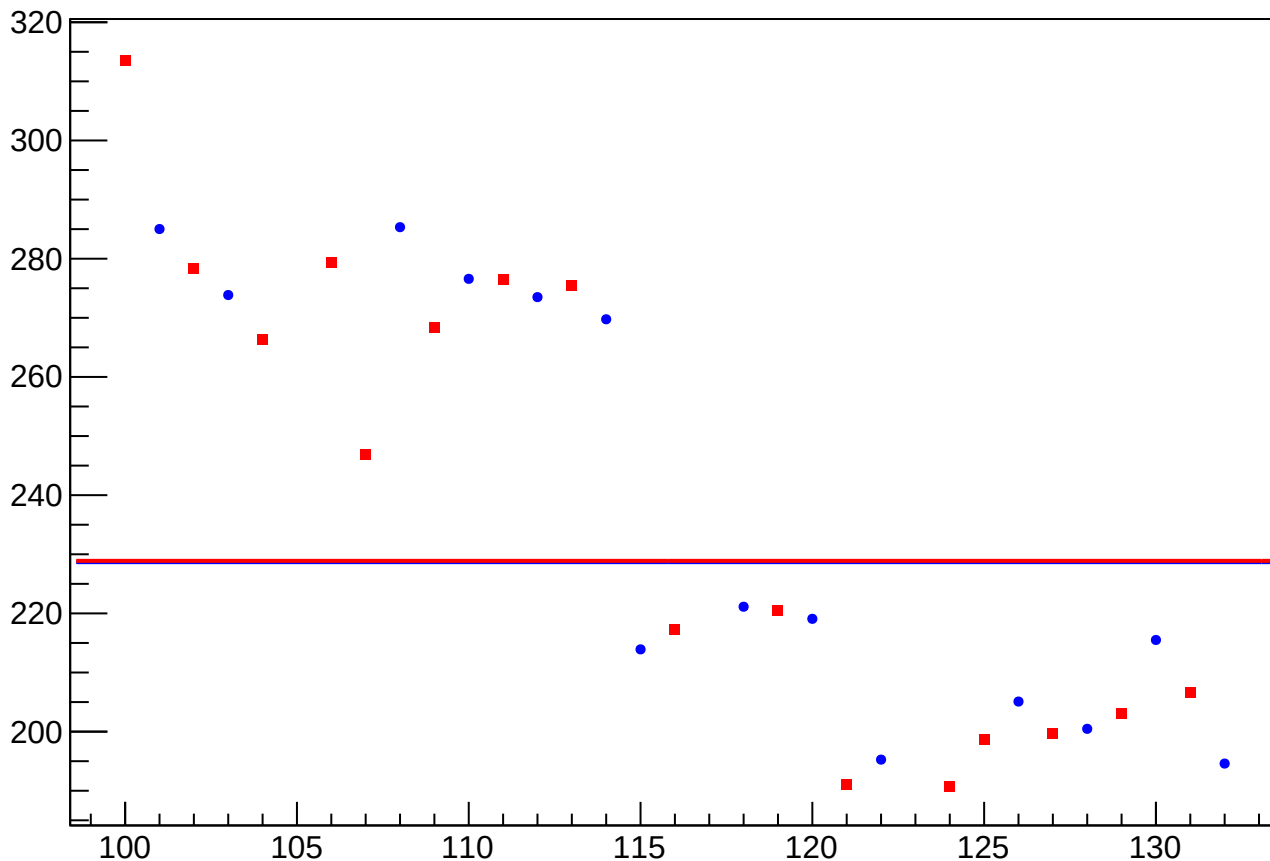
Right: 185.759 $\pm$ 66.104 χ^2 /NDF: 28.5/29

In: 263.330 $\pm$ 94.621 χ^2 /NDF:7.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 185.759 $\pm$ 66.104 χ^2 /NDF: 28.5/29

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 228.671+/-0.067 χ^2/NDF : 259458.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 228.890+/-0.065 χ^2/NDF : 276795.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

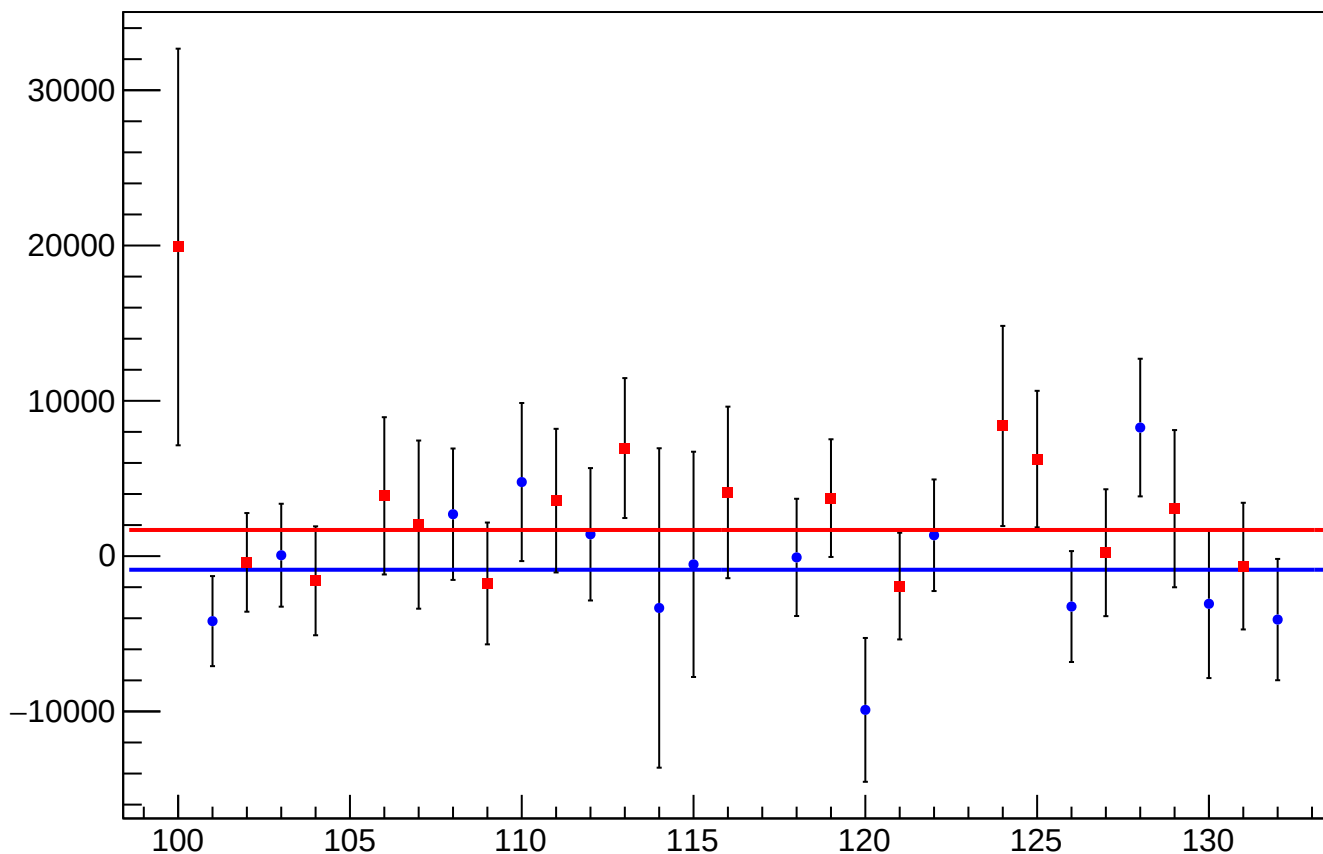
Right: 228.783+/-0.047 χ^2/NDF : 536259.5/29

In: 228.671+/-0.067 χ^2/NDF : 259458.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.783+/-0.047 χ^2/NDF : 536259.5/29

asym_sam_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -876.902 ± 1103.711 χ^2/NDF : 13.5/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1684.202 ± 1089.260 χ^2/NDF : 10.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

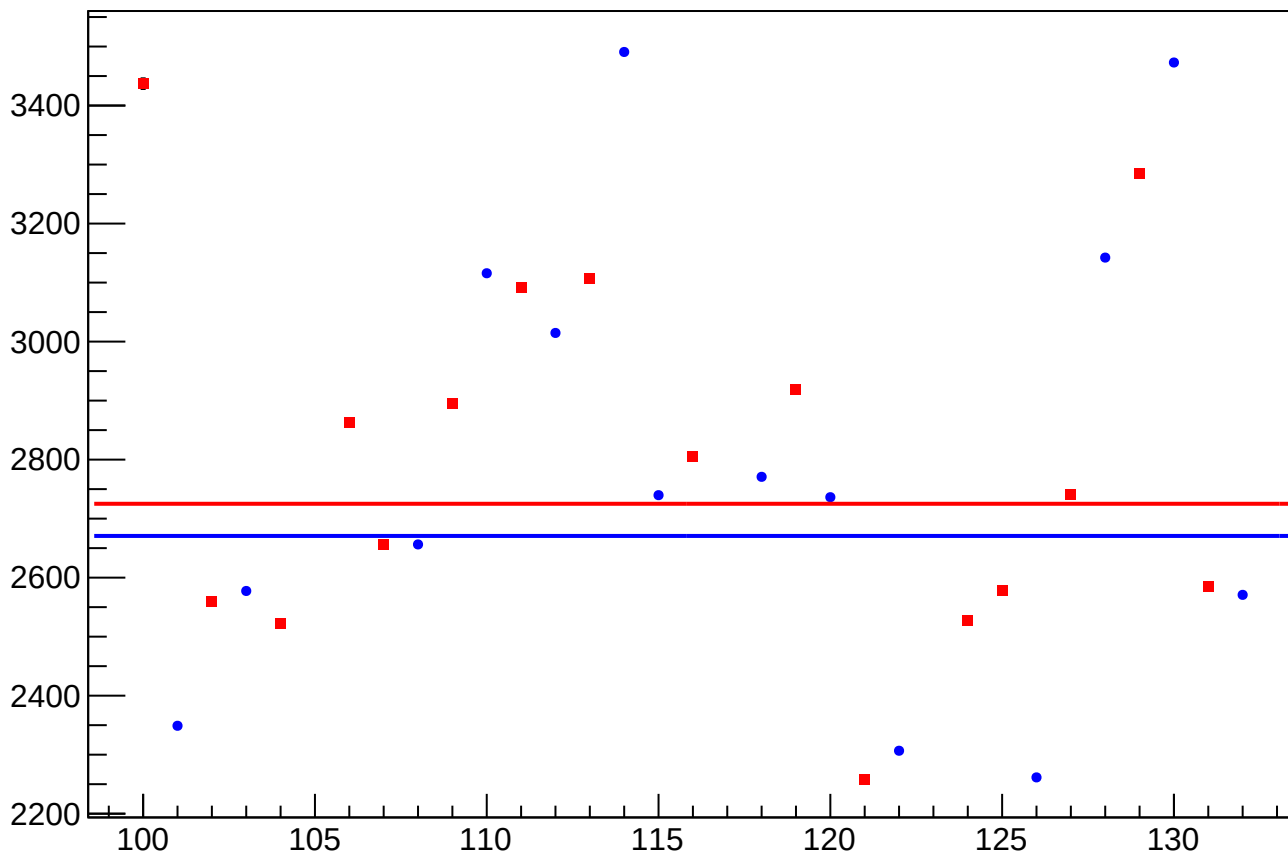
Right: 420.526 ± 775.282 χ^2/NDF : 26.3/29

In: -876.902 ± 1103.711 χ^2/NDF : 13.5/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 420.526 ± 775.282 χ^2/NDF : 26.3/29

asym_sam_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2670.674+/-0.780 χ^2/NDF : 196307.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2725.166+/-0.770 χ^2/NDF : 124269.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

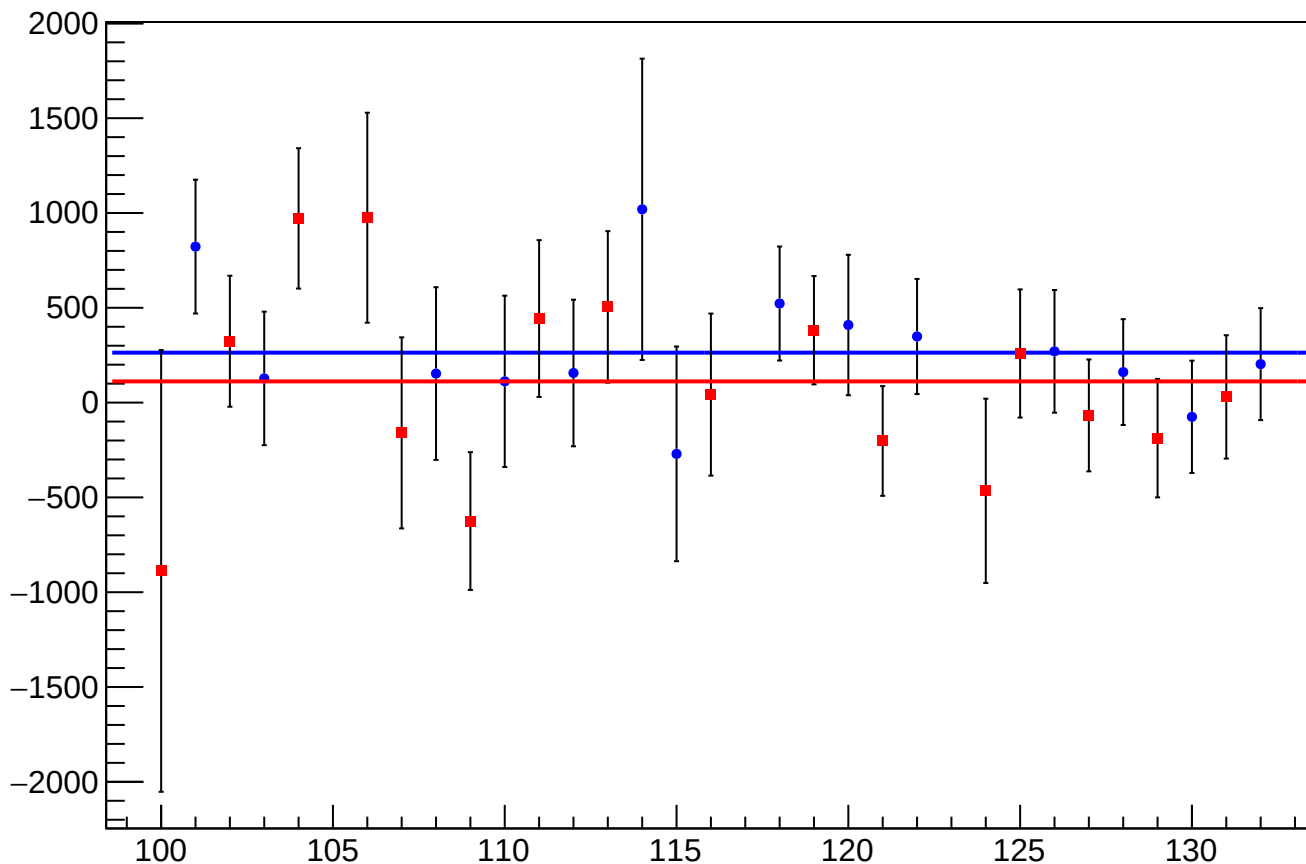
Right: 2698.279+/-0.548 χ^2/NDF : 323046.4/29

In: 2670.674+/-0.780 χ^2/NDF : 196307.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2698.279+/-0.548 χ^2/NDF : 323046.4/29

eigen_dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 263.329 $\pm$ 94.620 χ^2 /NDF: 7.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 111.801 $\pm$ 92.388 χ^2 /NDF: 20.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

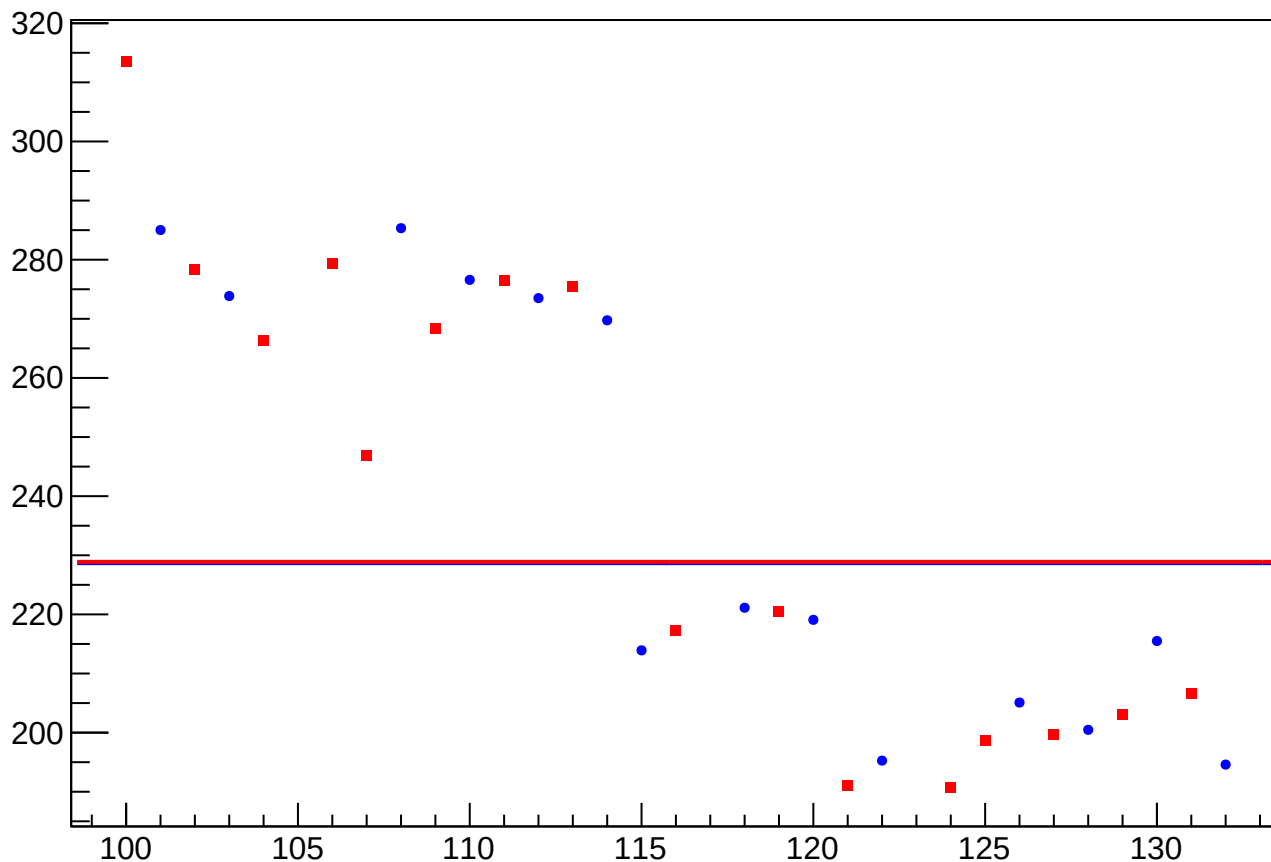
Right: 185.757 $\pm$ 66.103 χ^2 /NDF: 28.5/29

In: 263.329 $\pm$ 94.620 χ^2 /NDF: 7.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 185.757 $\pm$ 66.103 χ^2 /NDF: 28.5/29

eigen_dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 228.670+/-0.067 χ^2/NDF : 259459.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 228.889+/-0.065 χ^2/NDF : 276791.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

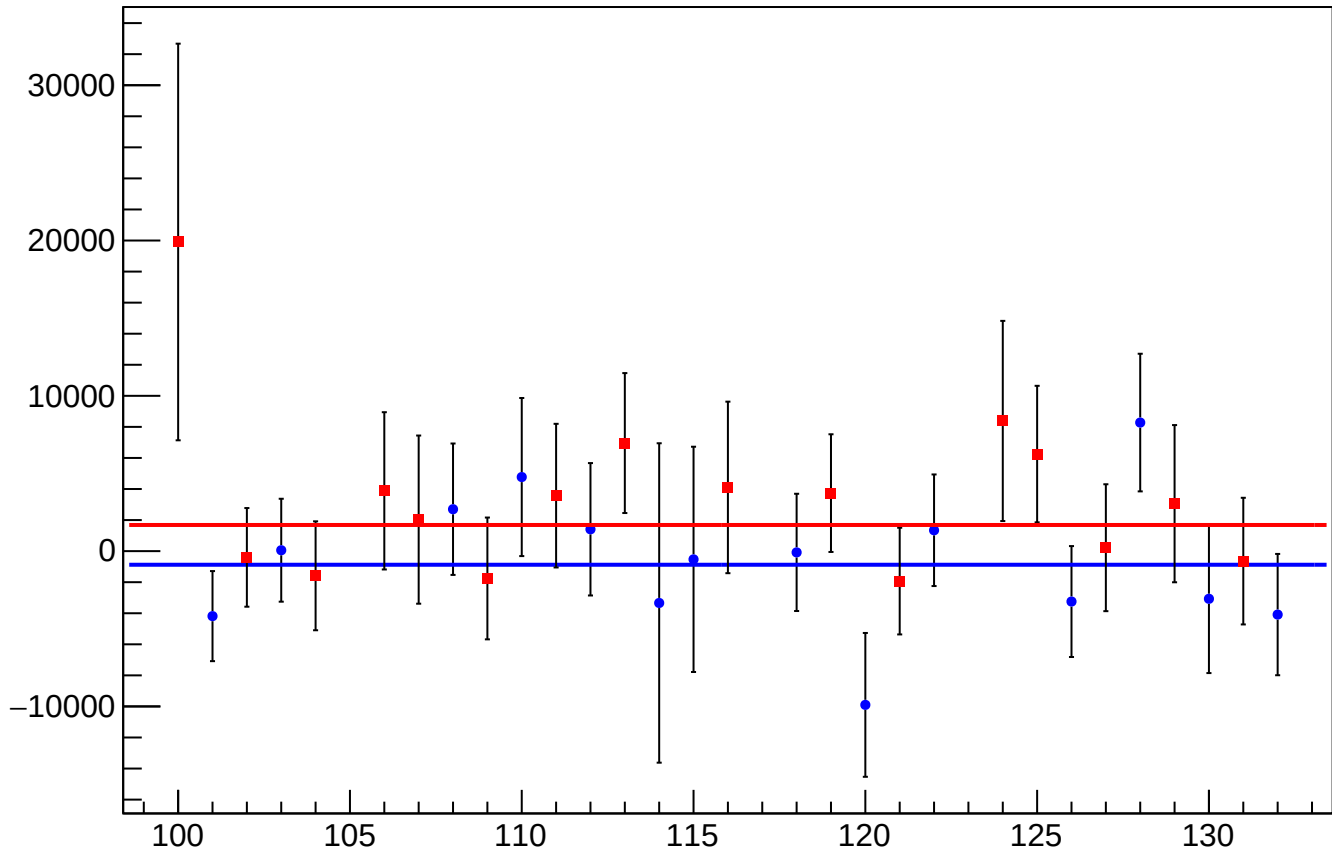
Right: 228.782+/-0.047 χ^2/NDF : 536255.9/29

In: 228.670+/-0.067 χ^2/NDF :259459.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 228.782+/-0.047 χ^2/NDF : 536255.9/29

asym_sam_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -876.901 $\pm$ 1103.708 χ^2 /NDF: 13.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1684.197 $\pm$ 1089.257 χ^2 /NDF: 10.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

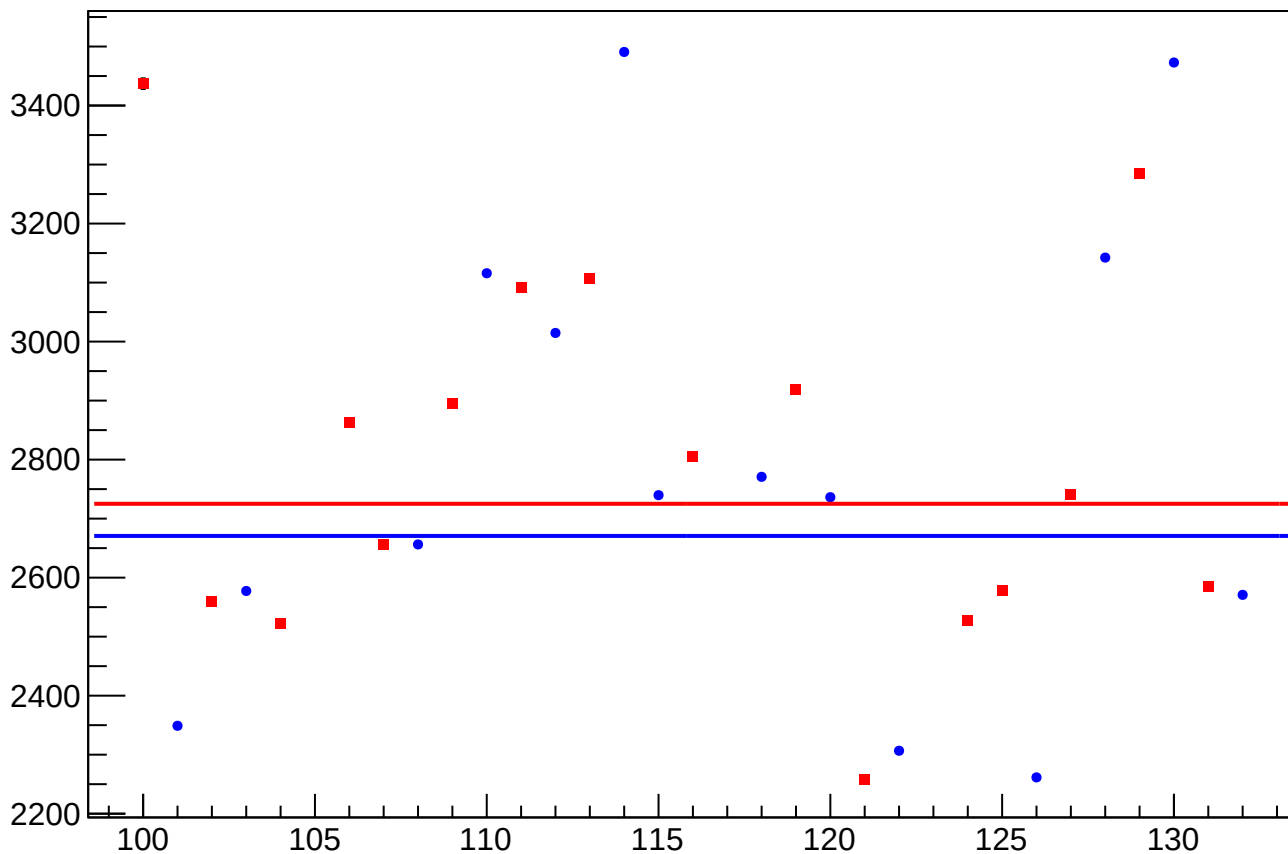
Right: 420.524 $\pm$ 775.280 χ^2 /NDF: 26.3/29

In: -876.901 $\pm$ 1103.708 χ^2 /NDF:13.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 420.524 $\pm$ 775.280 χ^2 /NDF: 26.3/29

asym_sam_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2670.668+/-0.780 χ^2/NDF : 196303.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2725.160+/-0.770 χ^2/NDF : 124267.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

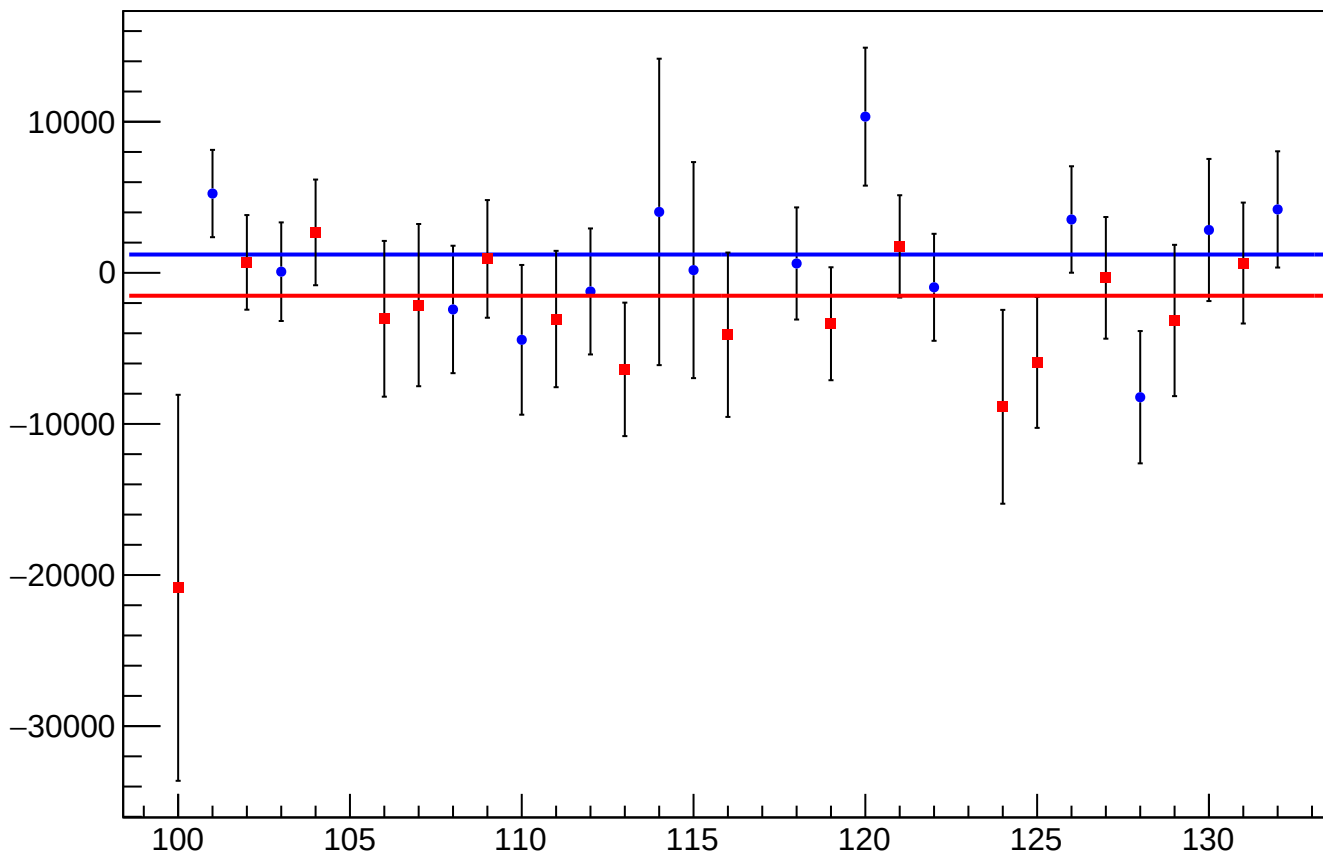
Right: 2698.273+/-0.548 χ^2/NDF : 323040.7/29

In: 2670.668+/-0.780 χ^2/NDF : 196303.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2698.273+/-0.548 χ^2/NDF : 323040.7/29

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1212.090+/-1088.922 χ^2/NDF : 14.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1515.496+/-1076.605 χ^2/NDF : 10.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

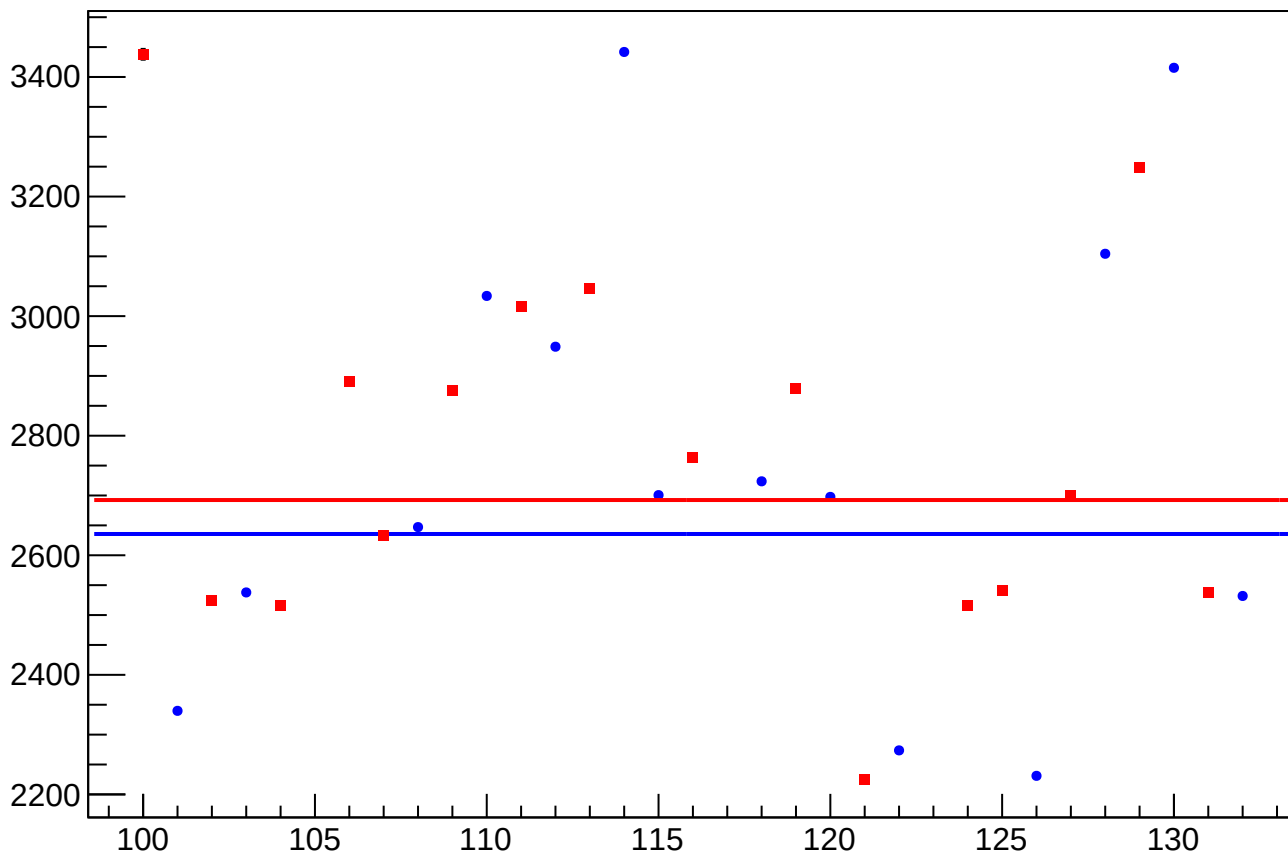
Right: -167.216+/-765.592 χ^2/NDF : 28.2/29

In: 1212.090+/-1088.922 χ^2/NDF : 14.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -167.216+/-765.592 χ^2/NDF : 28.2/29

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2635.588+/-0.770 χ^2/NDF : 187897.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2692.397+/-0.761 χ^2/NDF : 123597.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

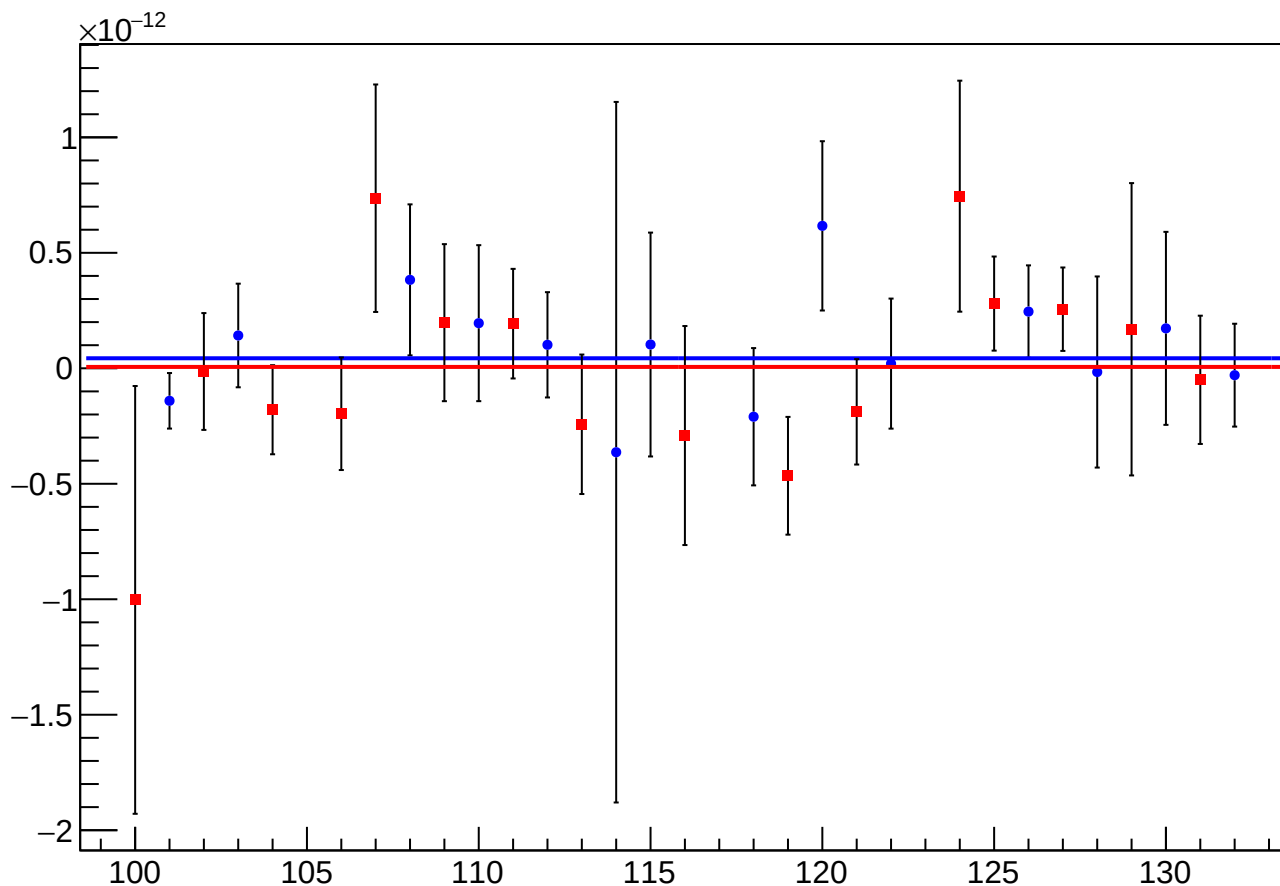
Right: 2664.316+/-0.541 χ^2/NDF : 314247.9/29

In: 2635.588+/-0.770 χ^2/NDF : 187897.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2664.316+/-0.541 χ^2/NDF : 314247.9/29

asym_sam_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

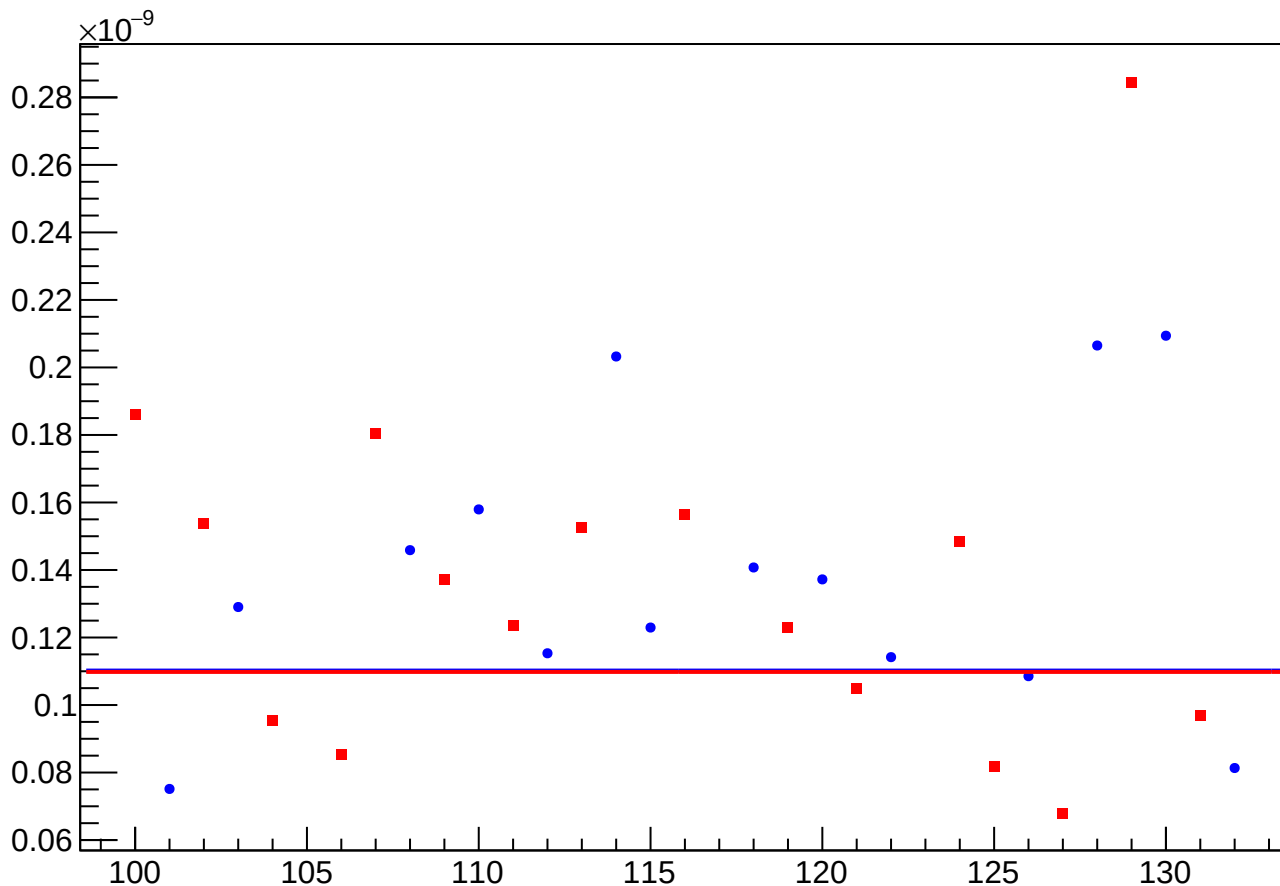
Right: 0.000+/-0.000 χ^2/NDF : 25.7/29

In: 0.000+/-0.000 χ^2/NDF : 8.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.7/29

asym_sam_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 544945.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 545826.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

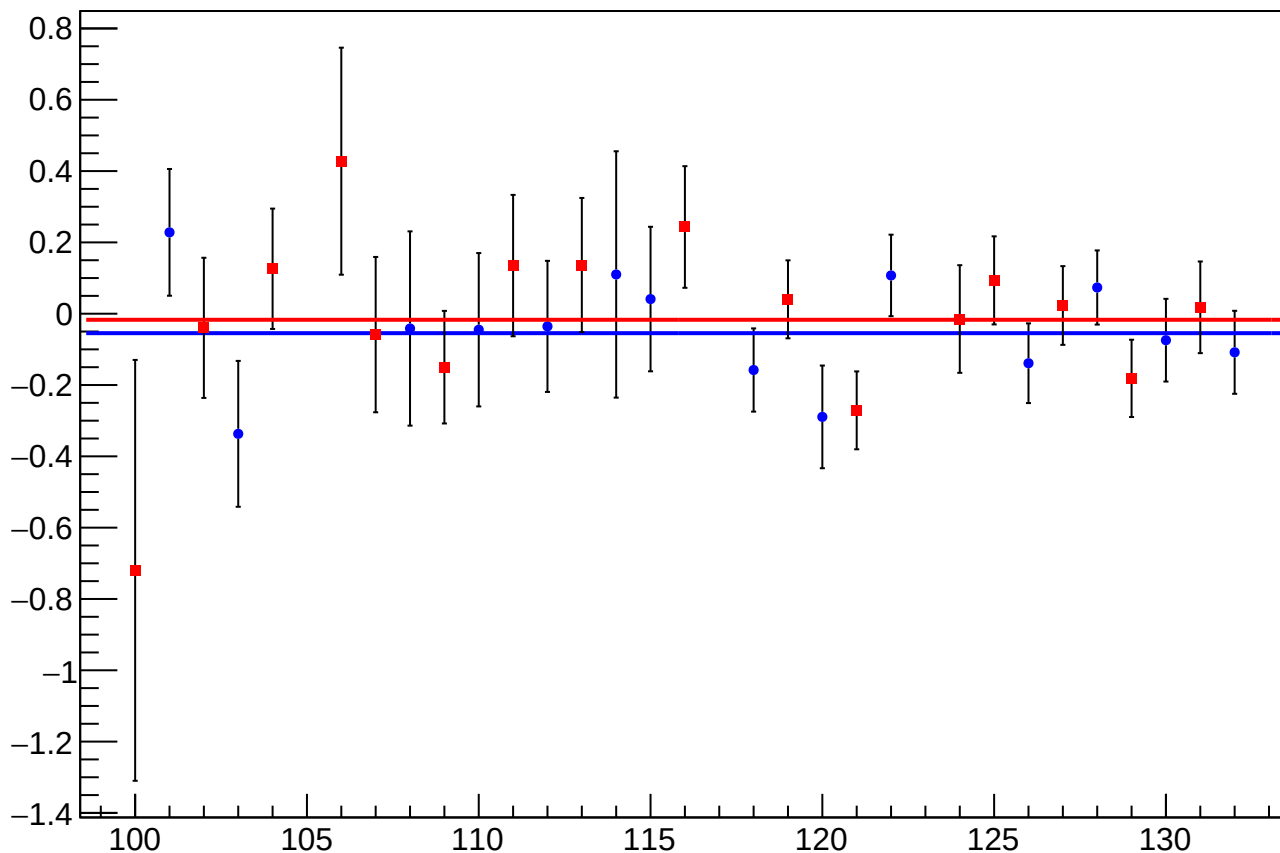
Right: 0.000+/-0.000 χ^2/NDF : 1090805.7/29

In: 0.000+/-0.000 χ^2/NDF : 544945.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1090805.7/29

asym_sam_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.055 ± 0.039 χ^2/NDF : 12.7/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.017 ± 0.037 χ^2/NDF : 17.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

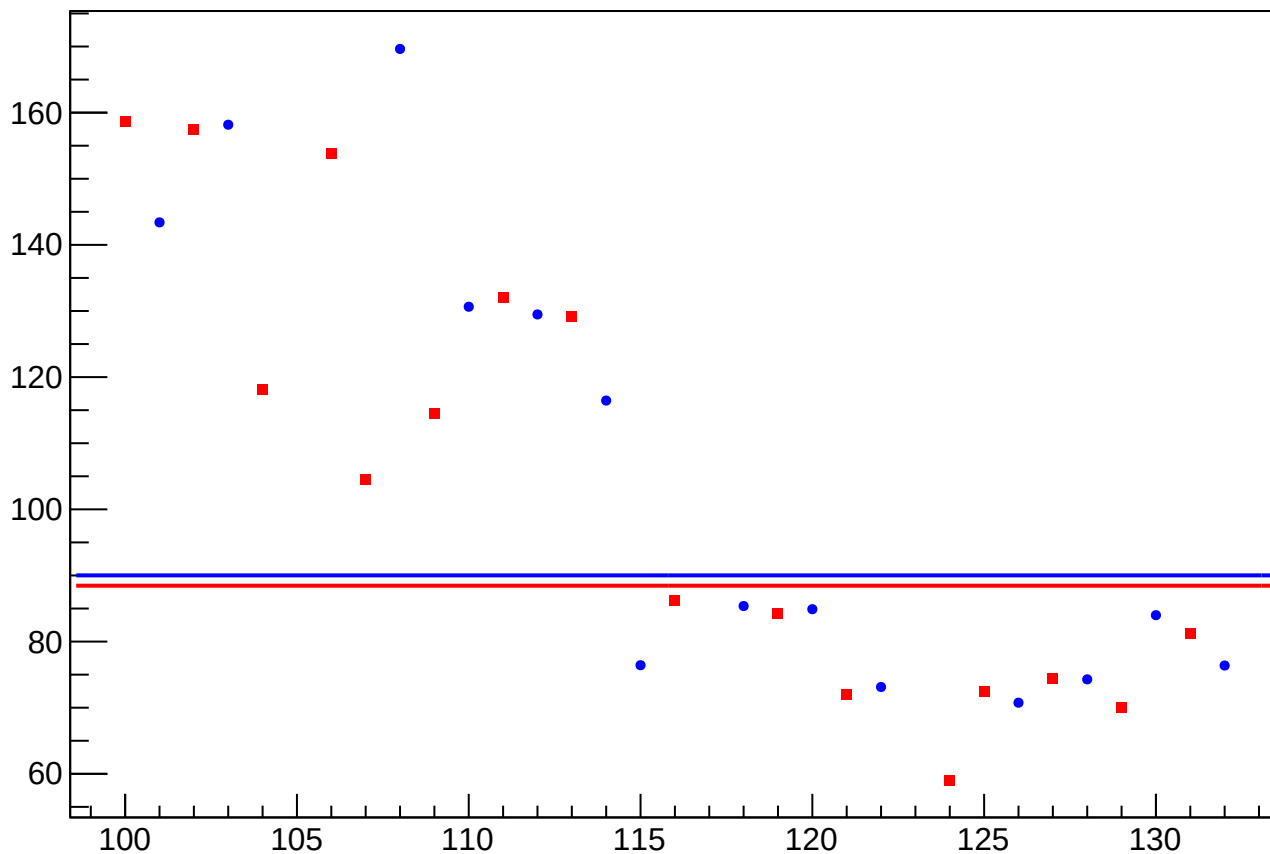
Right: -0.035 ± 0.027 χ^2/NDF : 30.6/29

In: -0.055 ± 0.039 χ^2/NDF : 12.7/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.035 ± 0.027 χ^2/NDF : 30.6/29

asym_sam_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 90.014+/-0.027 χ^2/NDF : 944862.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.452+/-0.026 χ^2/NDF : 931319.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

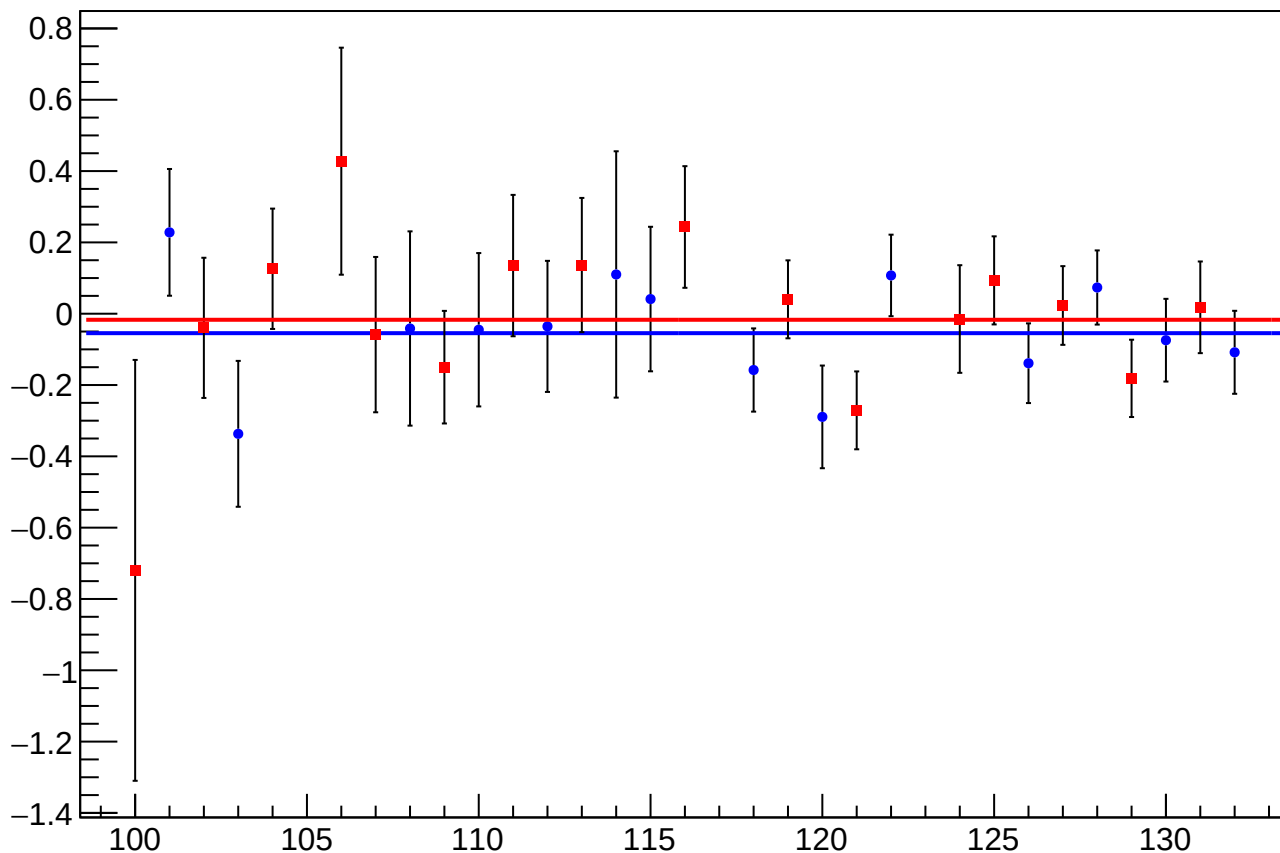
Right: 89.202+/-0.019 χ^2/NDF : 1877885.8/29

In: 90.014+/-0.027 χ^2/NDF : 944862.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.202+/-0.019 χ^2/NDF : 1877885.8/29

asym_sam_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.055 ± 0.039 χ^2/NDF : 12.7/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.017 ± 0.037 χ^2/NDF : 17.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

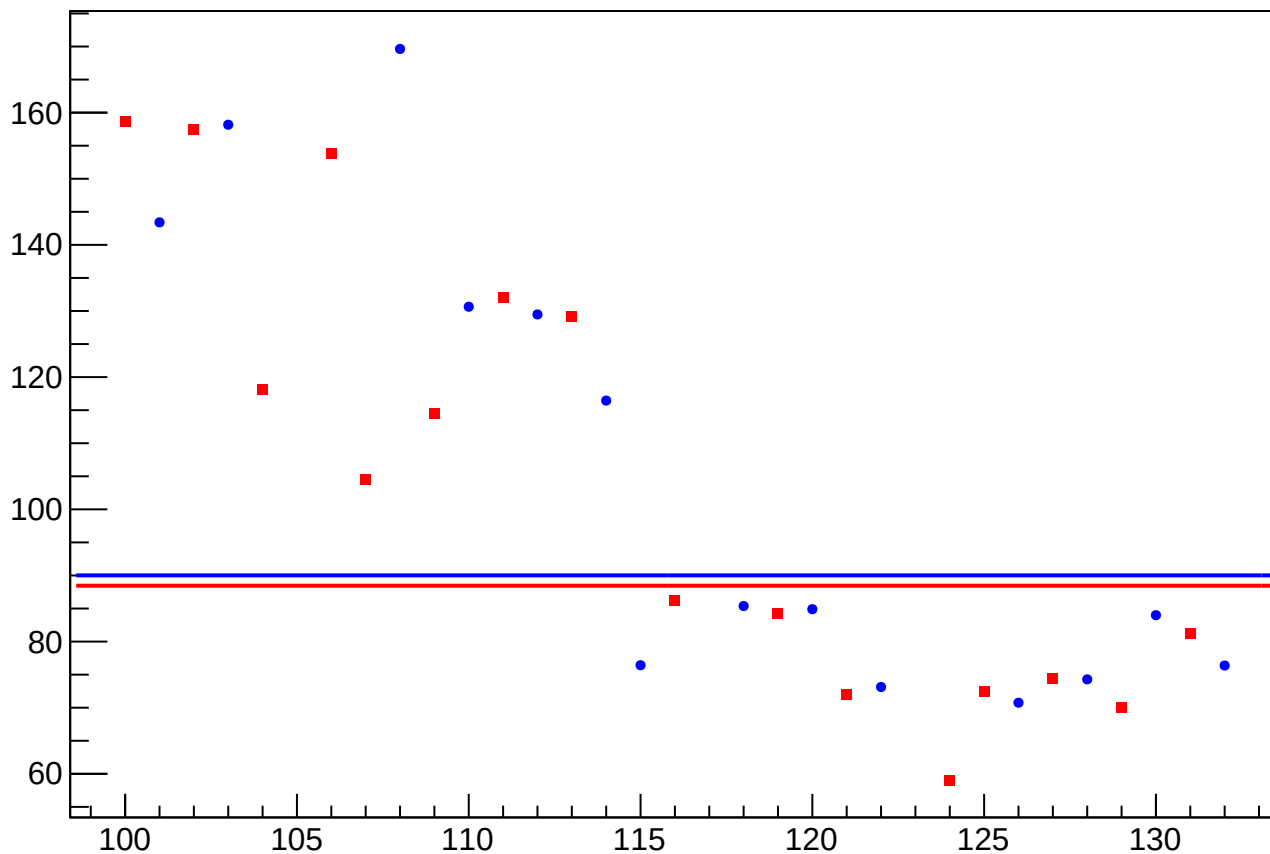
Right: -0.035 ± 0.027 χ^2/NDF : 30.6/29

In: -0.055 ± 0.039 χ^2/NDF : 12.7/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.035 ± 0.027 χ^2/NDF : 30.6/29

asym_sam_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 90.014+/-0.027 χ^2/NDF : 944862.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.452+/-0.026 χ^2/NDF : 931319.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

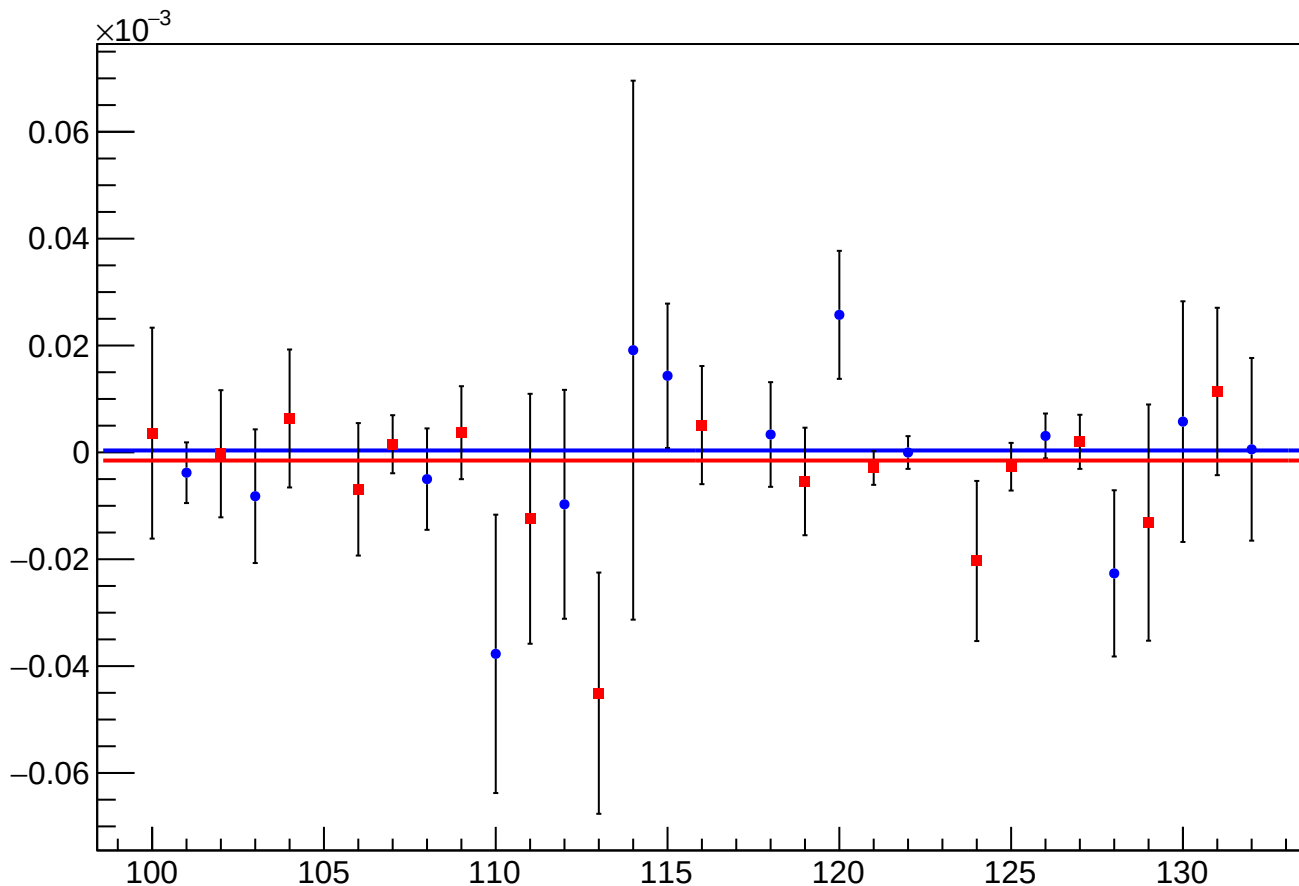
Right: 89.202+/-0.019 χ^2/NDF : 1877885.8/29

In: 90.014+/-0.027 χ^2/NDF : 944862.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.202+/-0.019 χ^2/NDF : 1877885.8/29

asym_sam_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

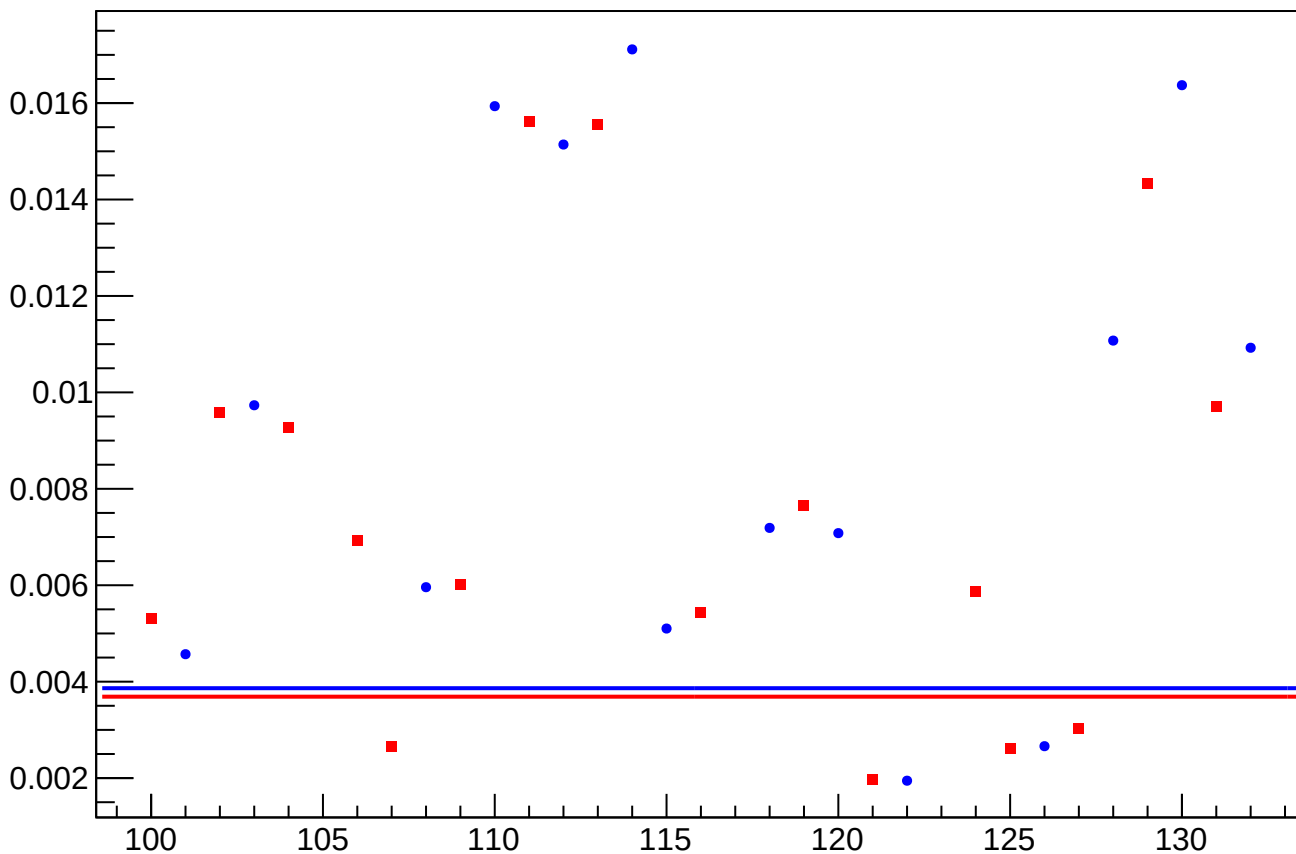
Right: -0.000+/-0.000 χ^2/NDF : 21.7/29

In: 0.000+/-0.000 χ^2/NDF : 12.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.7/29

asym_sam_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 4417558.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 4201729.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

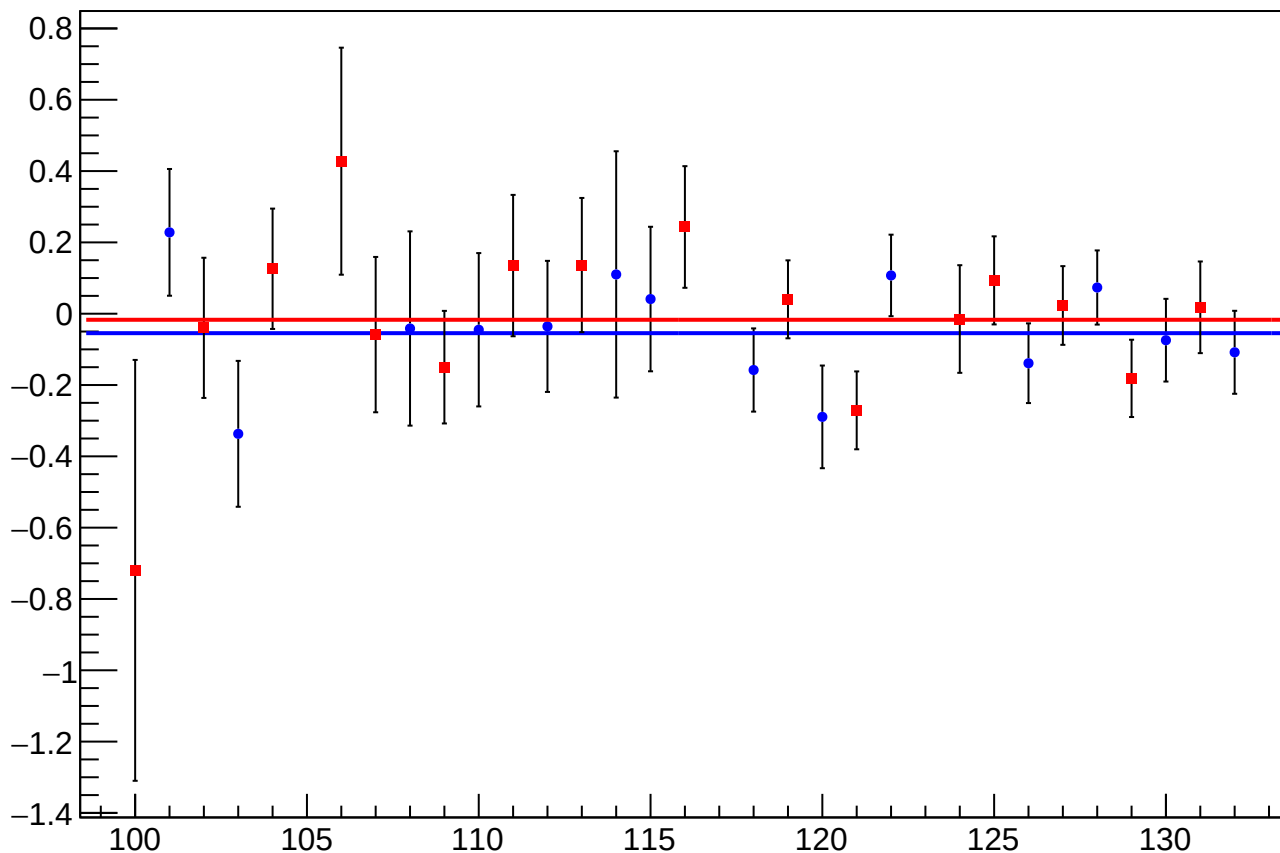
Right: 0.004+/-0.000 χ^2/NDF : 8627575.5/29

In: 0.004+/-0.000 χ^2/NDF :4417558.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 8627575.5/29

asym_sam_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.055 ± 0.039 χ^2/NDF : 12.7/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.017 ± 0.037 χ^2/NDF : 17.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

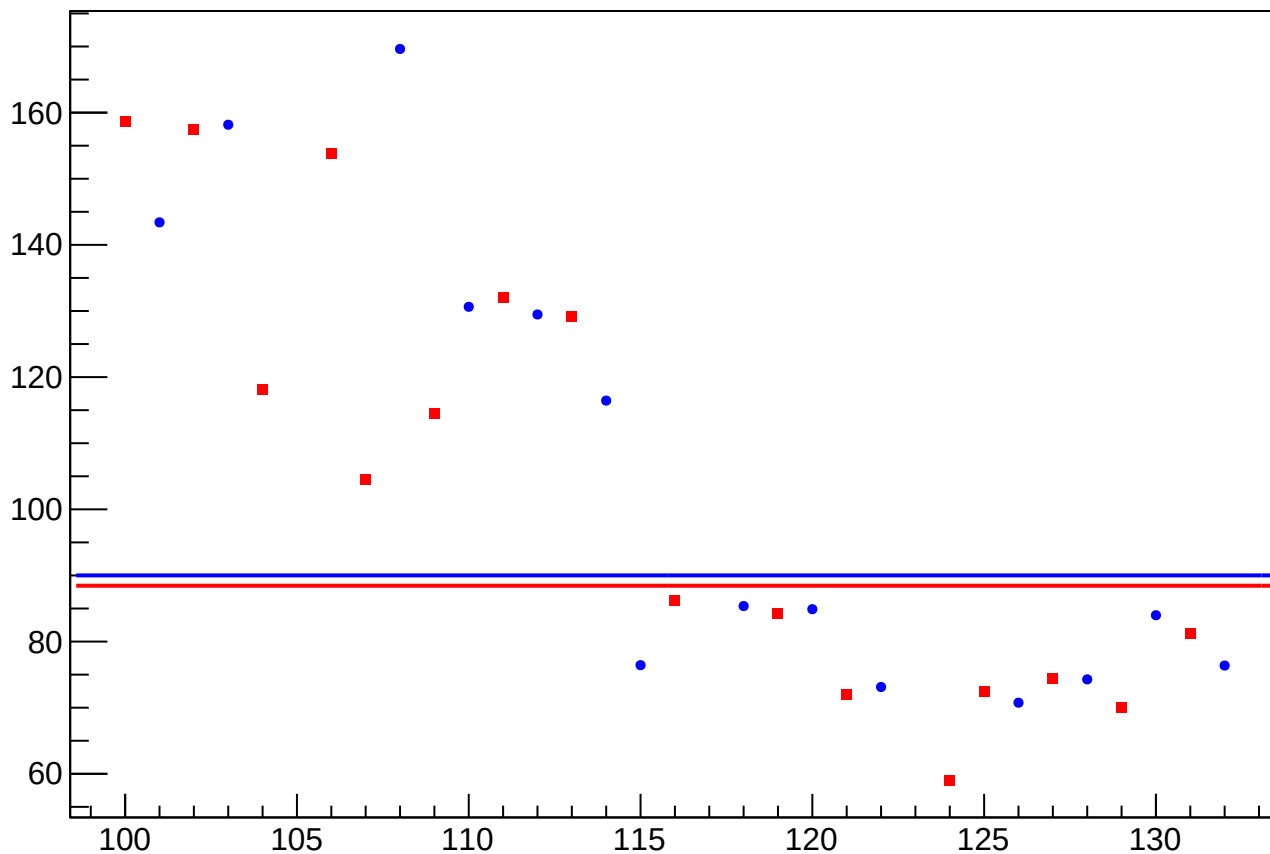
Right: -0.035 ± 0.027 χ^2/NDF : 30.6/29

In: -0.055 ± 0.039 χ^2/NDF : 12.7/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.035 ± 0.027 χ^2/NDF : 30.6/29

asym_sam_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 90.010+/-0.027 χ^2/NDF : 944884.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.450+/-0.026 χ^2/NDF : 931329.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

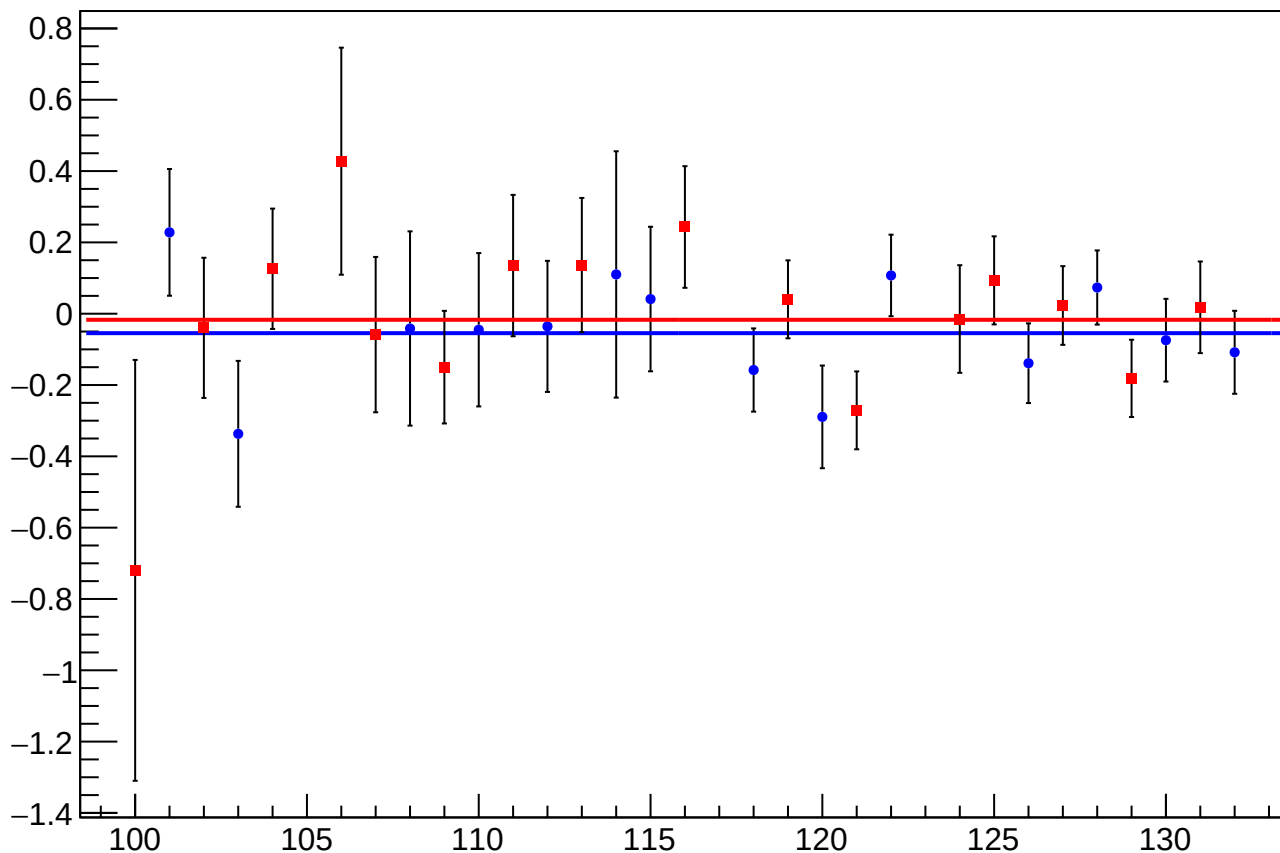
Right: 89.199+/-0.019 χ^2/NDF : 1877915.3/29

In: 90.010+/-0.027 χ^2/NDF : 944884.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.199+/-0.019 χ^2/NDF : 1877915.3/29

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.055+/-0.039 χ^2 /NDF: 12.7/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.017+/-0.037 χ^2 /NDF: 17.4/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

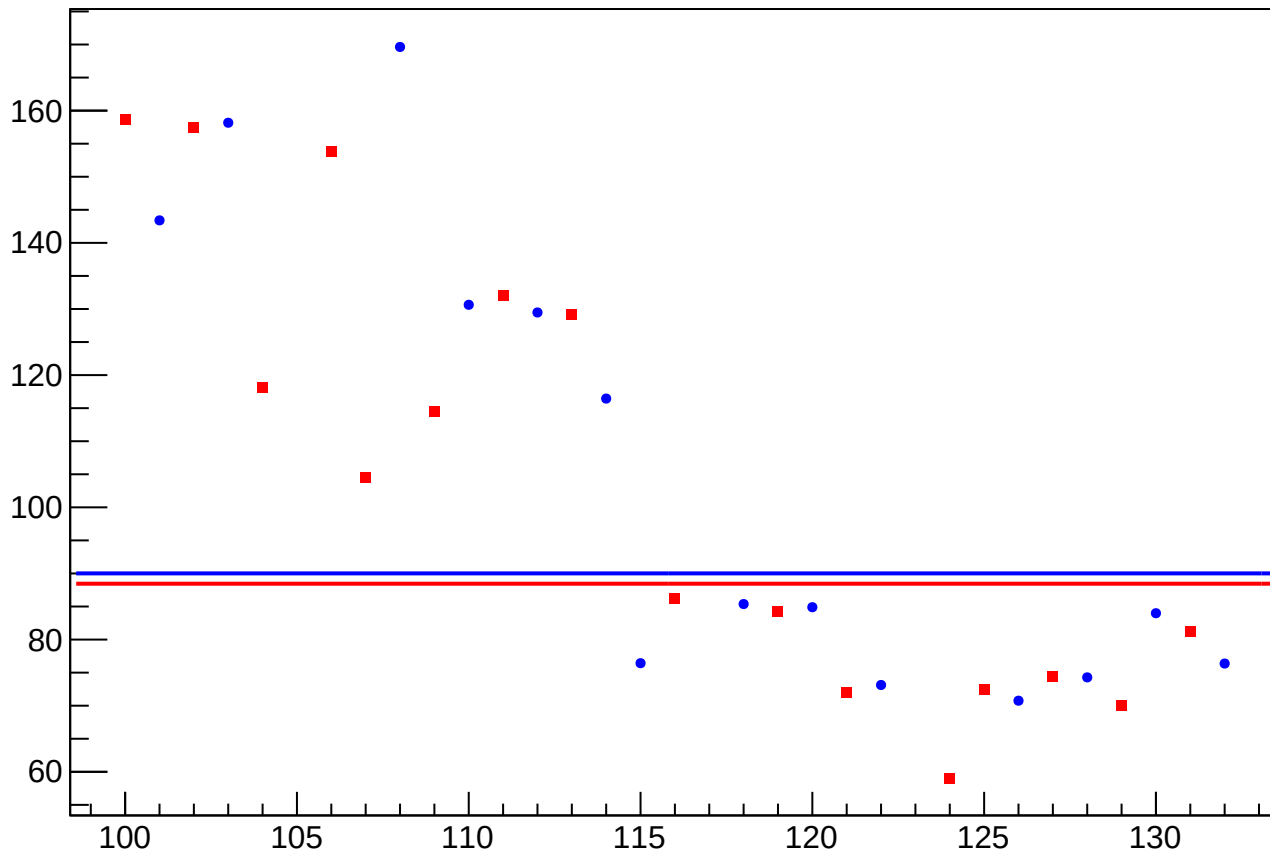
Right: -0.035+/-0.027 χ^2 /NDF: 30.6/29

In: -0.055+/-0.039 χ^2 /NDF:12.7/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.035+/-0.027 χ^2 /NDF: 30.6/29

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 90.010+/-0.027 χ^2/NDF : 944884.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.450+/-0.026 χ^2/NDF : 931329.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

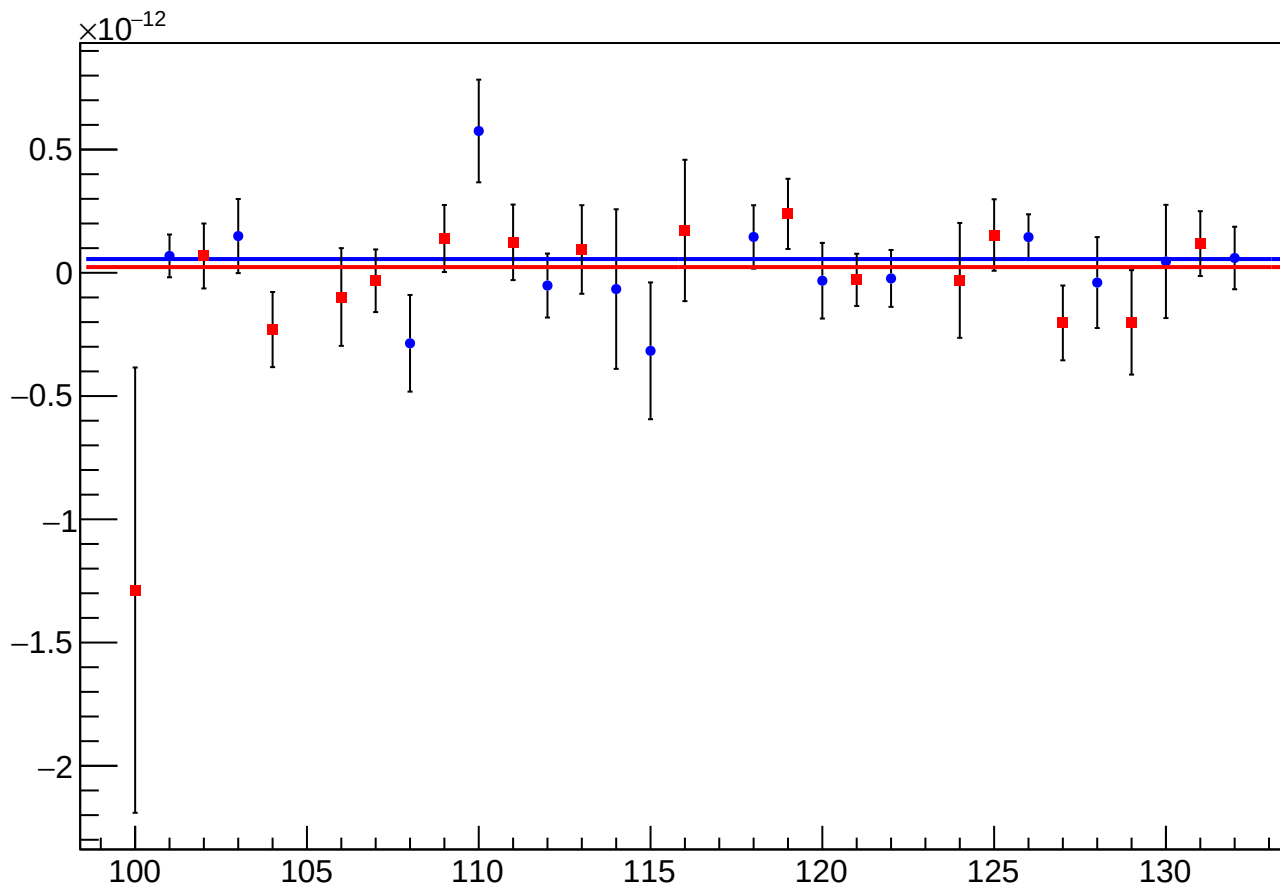
Right: 89.199+/-0.019 χ^2/NDF : 1877915.3/29

In: 90.010+/-0.027 χ^2/NDF : 944884.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.199+/-0.019 χ^2/NDF : 1877915.3/29

asym_sam_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

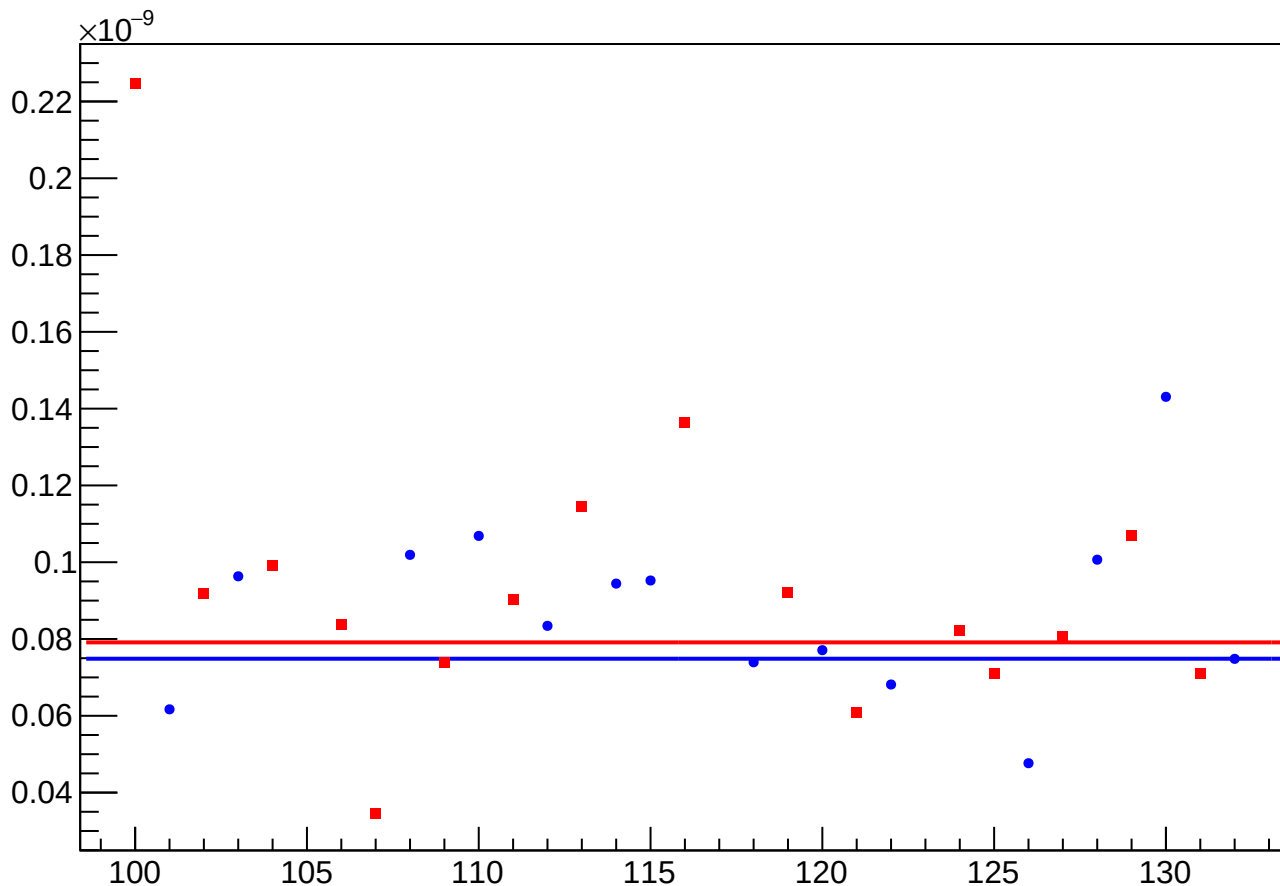
Right: 0.000+/-0.000 χ^2/NDF : 29.5/29

In: 0.000+/-0.000 χ^2/NDF : 14.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.5/29

asym_sam_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 595387.6/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 647904.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

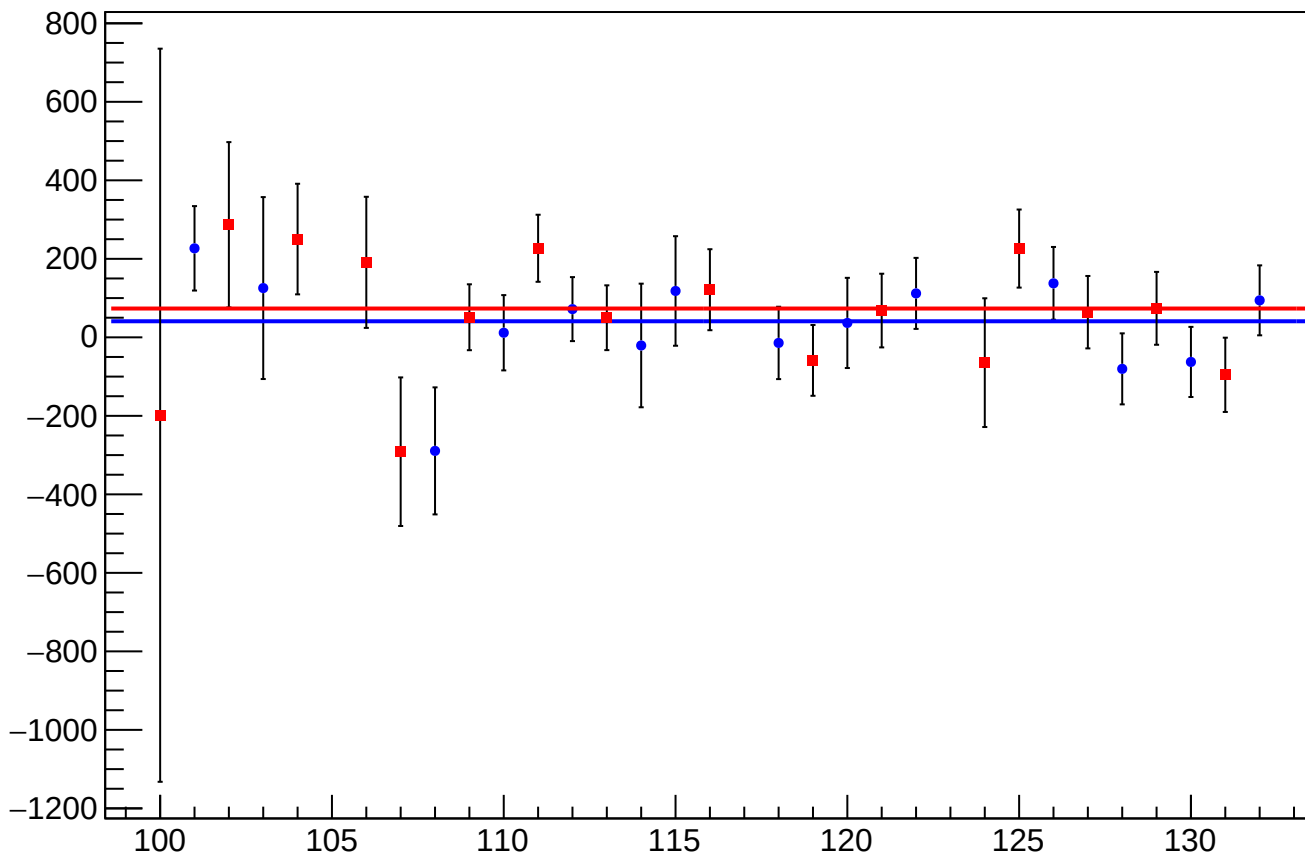
Right: 0.000+/-0.000 χ^2/NDF : 1255704.6/29

In: 0.000+/-0.000 χ^2/NDF :595387.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1255704.6/29

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 40.948 $\pm$ 27.738 χ^2 /NDF: 13.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 73.396 $\pm$ 26.943 χ^2 /NDF: 18.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

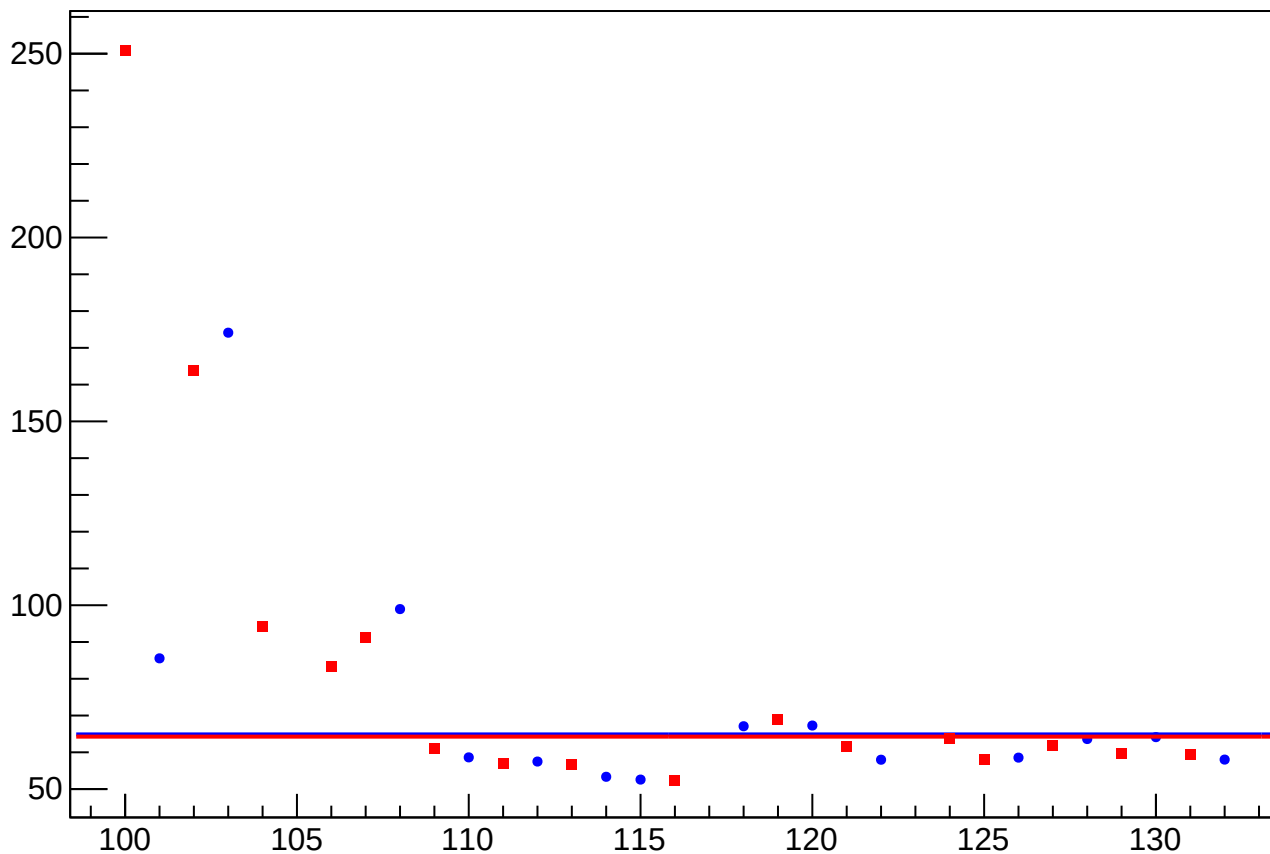
Right: 57.644 $\pm$ 19.326 χ^2 /NDF: 33.2/29

In: 40.948 $\pm$ 27.738 χ^2 /NDF:13.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 57.644 $\pm$ 19.326 χ^2 /NDF: 33.2/29

reg_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 64.867+/-0.020 χ^2/NDF : 693579.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.263+/-0.019 χ^2/NDF : 771338.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

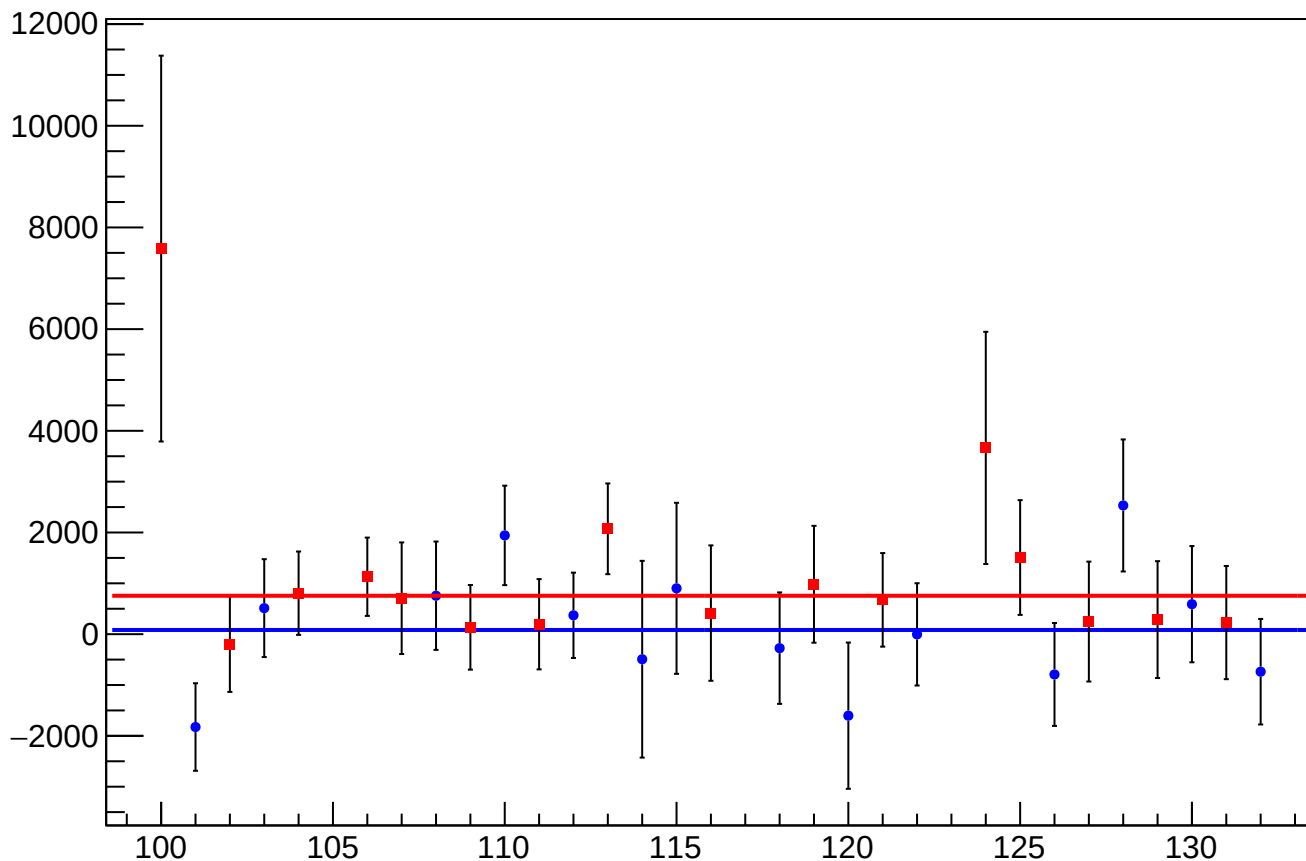
Right: 64.557+/-0.014 χ^2/NDF : 1465405.9/29

In: 64.867+/-0.020 χ^2/NDF : 693579.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.557+/-0.014 χ^2/NDF : 1465405.9/29

asym_sam_37_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 82.601+/-289.167 χ^2/NDF : 16.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 755.387+/-258.772 χ^2/NDF : 10.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

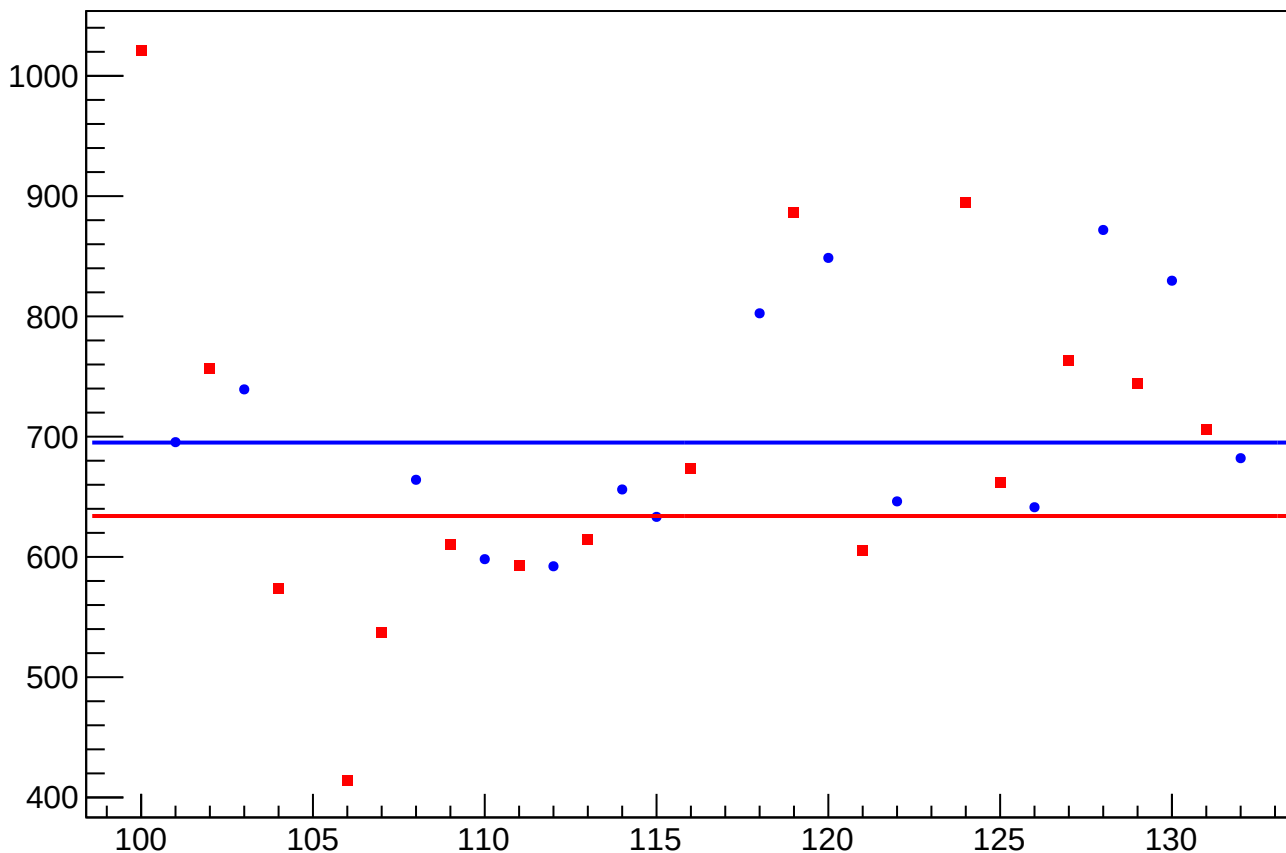
Right: 456.200+/-192.833 χ^2/NDF : 29.6/29

In: 82.601+/-289.167 χ^2/NDF : 16.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 456.200+/-192.833 χ^2/NDF : 29.6/29

asym_sam_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 695.090+/-0.204 χ^2/NDF : 176609.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 634.021+/-0.183 χ^2/NDF : 429122.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

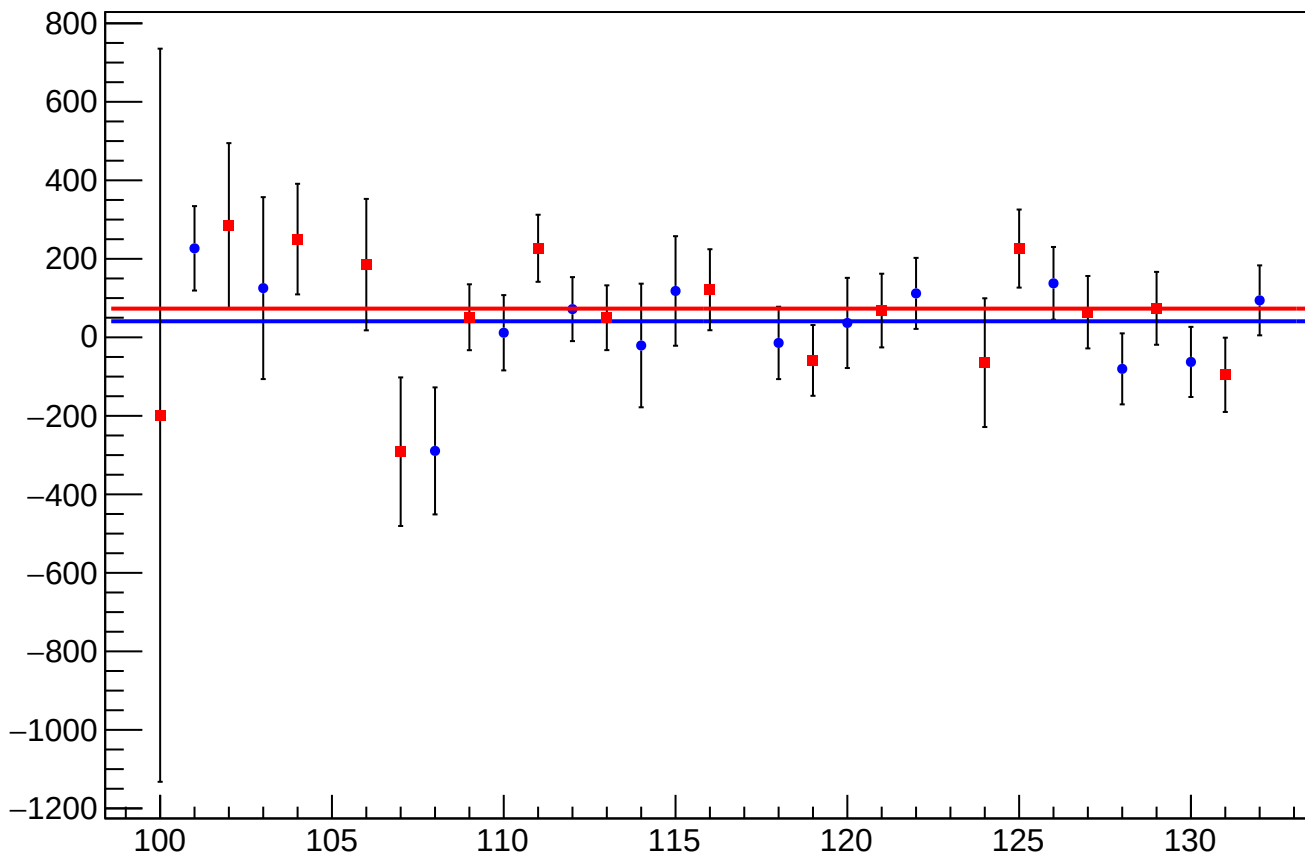
Right: 661.178+/-0.136 χ^2/NDF : 655266.0/29

In: 695.090+/-0.204 χ^2/NDF : 176609.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 661.178+/-0.136 χ^2/NDF : 655266.0/29

cor_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 40.938 $\pm$ 27.738 χ^2 /NDF: 13.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 73.175 $\pm$ 26.945 χ^2 /NDF: 18.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

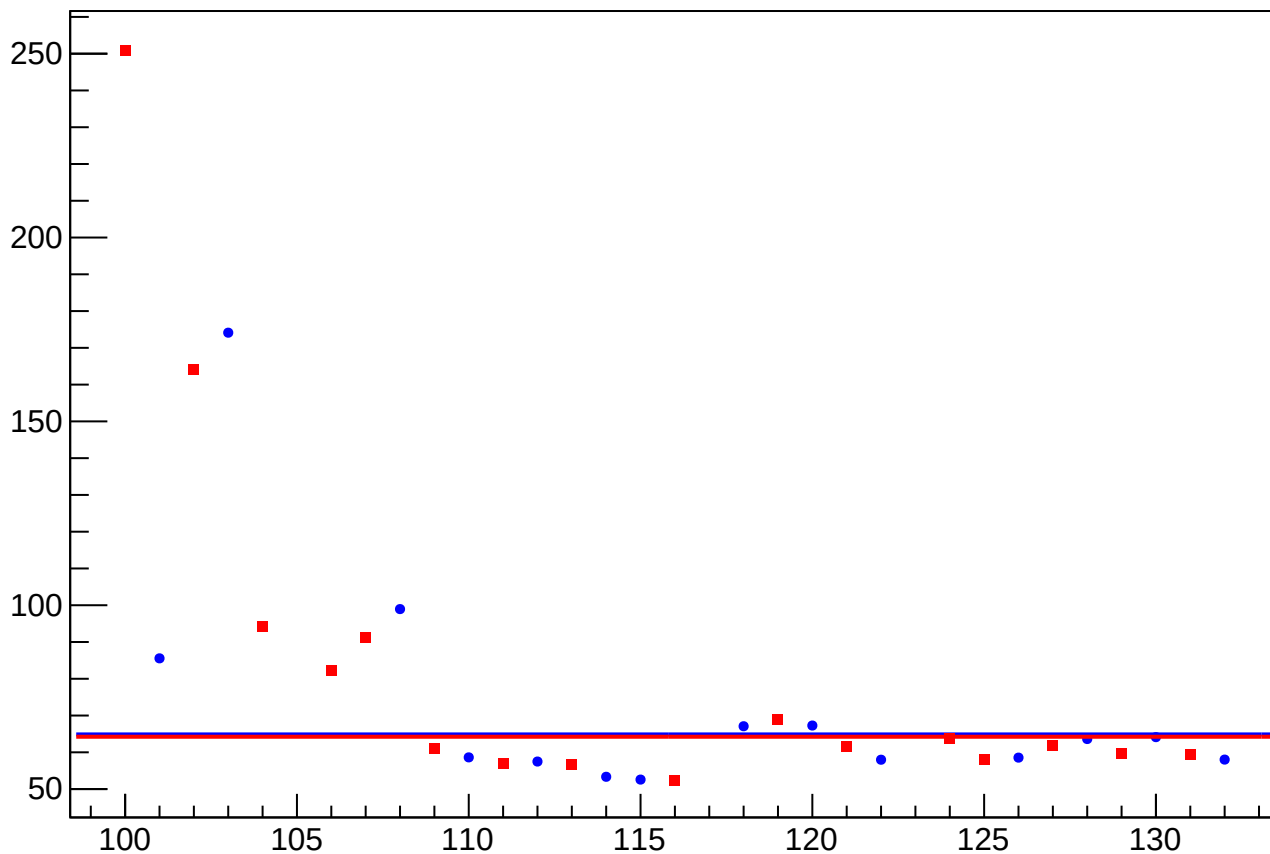
Right: 57.524 $\pm$ 19.327 χ^2 /NDF: 33.1/29

In: 40.938 $\pm$ 27.738 χ^2 /NDF:13.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 57.524 $\pm$ 19.327 χ^2 /NDF: 33.1/29

cor_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 64.867 $\pm$ 0.020 χ^2 /NDF: 693581.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 64.234 $\pm$ 0.019 χ^2 /NDF: 768681.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

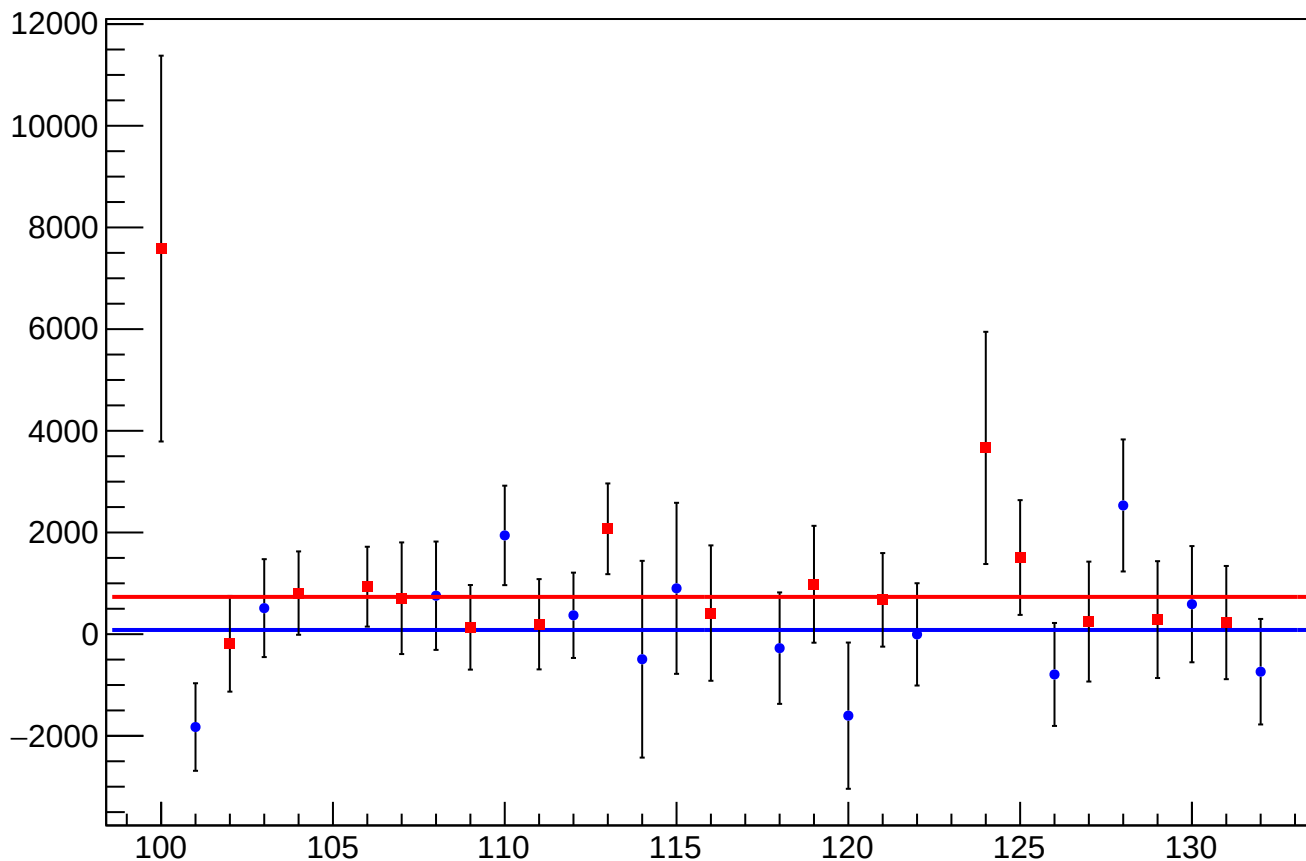
Right: 64.542 $\pm$ 0.014 χ^2 /NDF: 1462799.6/29

In: 64.867 $\pm$ 0.020 χ^2 /NDF: 693581.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 64.542 $\pm$ 0.014 χ^2 /NDF: 1462799.6/29

asym_sam_37_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 82.609+/-289.170 χ^2/NDF : 16.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 733.198+/-259.366 χ^2/NDF : 10.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

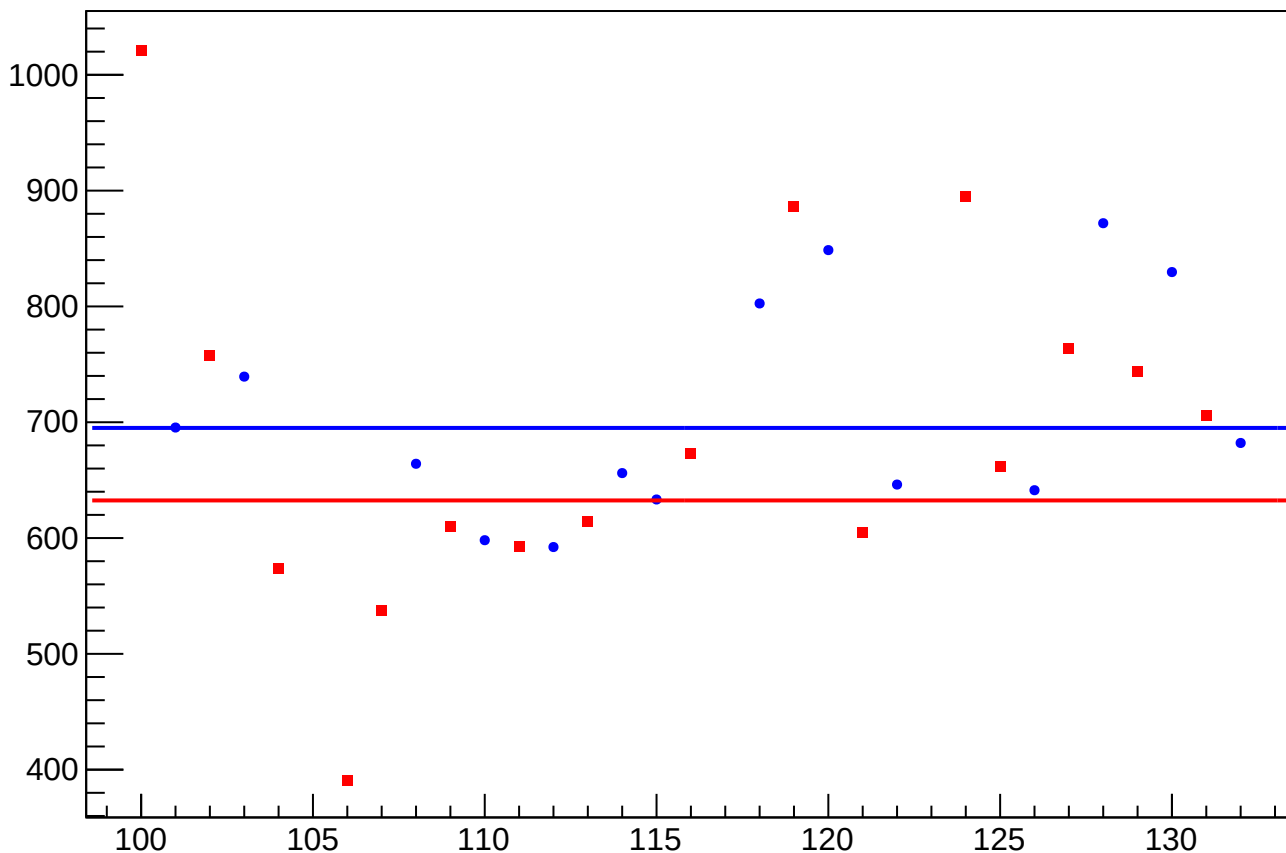
Right: 443.148+/-193.079 χ^2/NDF : 29.2/29

In: 82.609+/-289.170 χ^2/NDF : 16.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 443.148+/-193.079 χ^2/NDF : 29.2/29

asym_sam_37_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 695.096+/-0.204 χ^2/NDF : 176624.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 632.478+/-0.183 χ^2/NDF : 458172.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

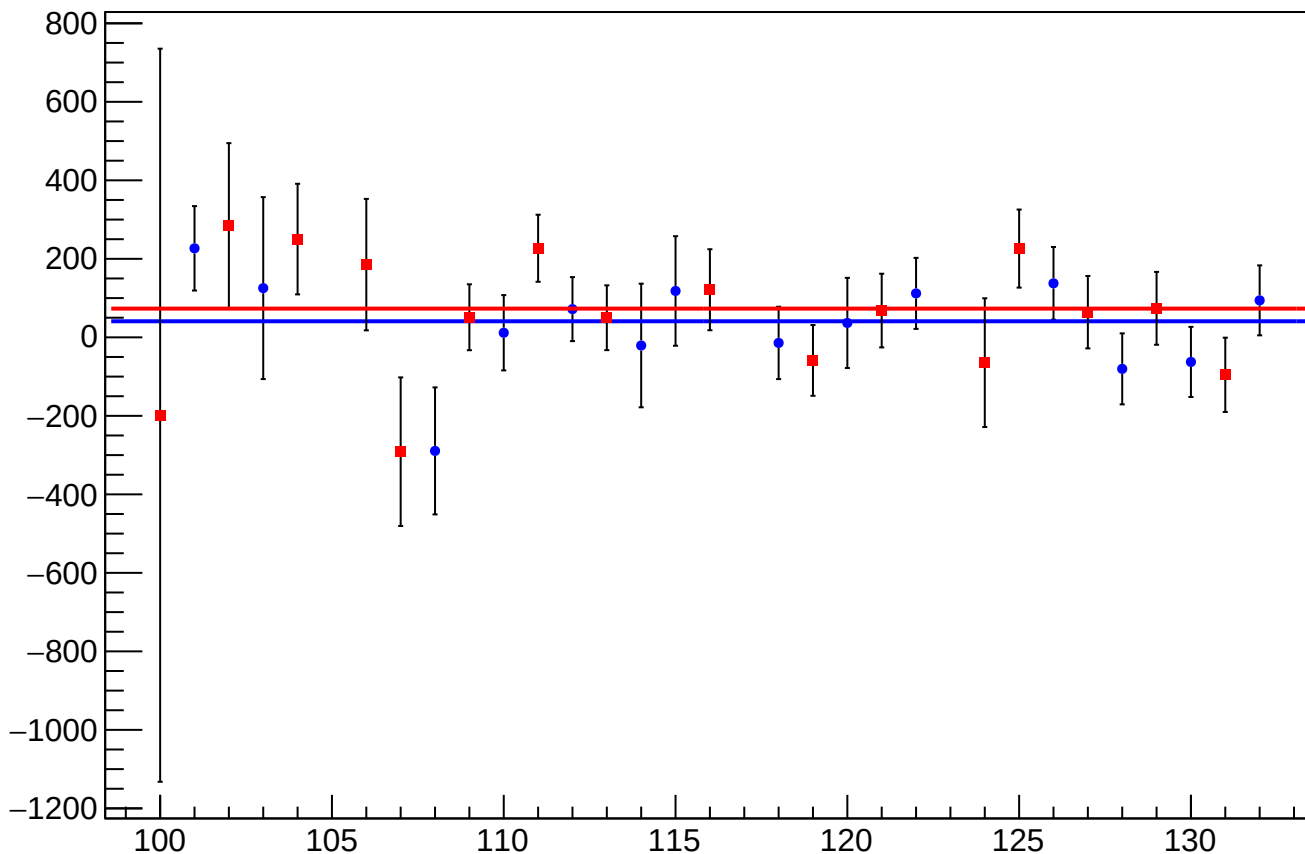
Right: 660.394+/-0.137 χ^2/NDF : 686768.9/29

In: 695.096+/-0.204 χ^2/NDF : 176624.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 660.394+/-0.137 χ^2/NDF : 686768.9/29

eigen_cor_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 40.938+/-27.738 χ^2/NDF : 13.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.175+/-26.945 χ^2/NDF : 18.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

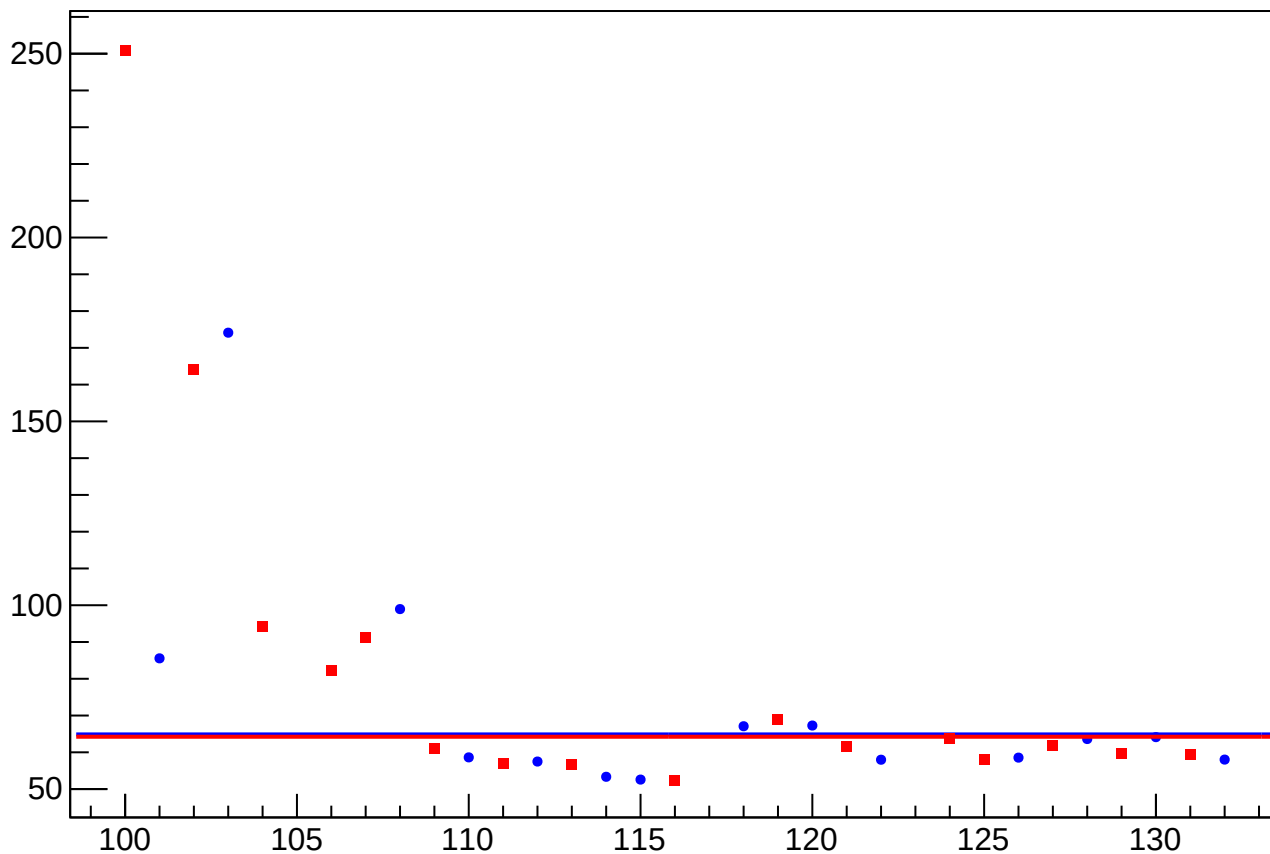
Right: 57.524+/-19.327 χ^2/NDF : 33.1/29

In: 40.938+/-27.738 χ^2/NDF : 13.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.524+/-19.327 χ^2/NDF : 33.1/29

eigen_cor_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 64.867+/-0.020 χ^2/NDF : 693581.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.234+/-0.019 χ^2/NDF : 768681.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

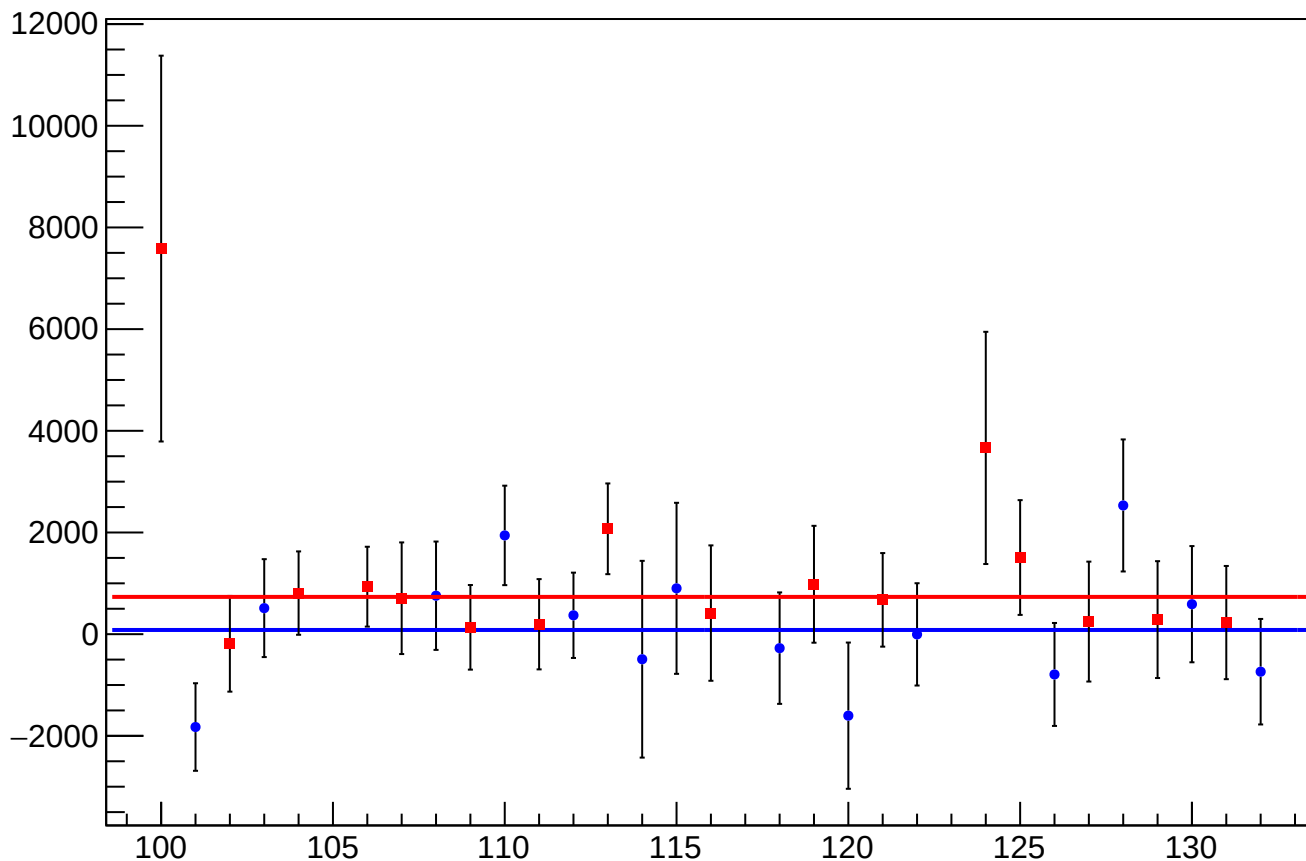
Right: 64.542+/-0.014 χ^2/NDF : 1462799.6/29

In: 64.867+/-0.020 χ^2/NDF : 693581.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.542+/-0.014 χ^2/NDF : 1462799.6/29

asym_sam_37_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 82.609+/-289.170 χ^2/NDF : 16.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 733.198+/-259.366 χ^2/NDF : 10.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

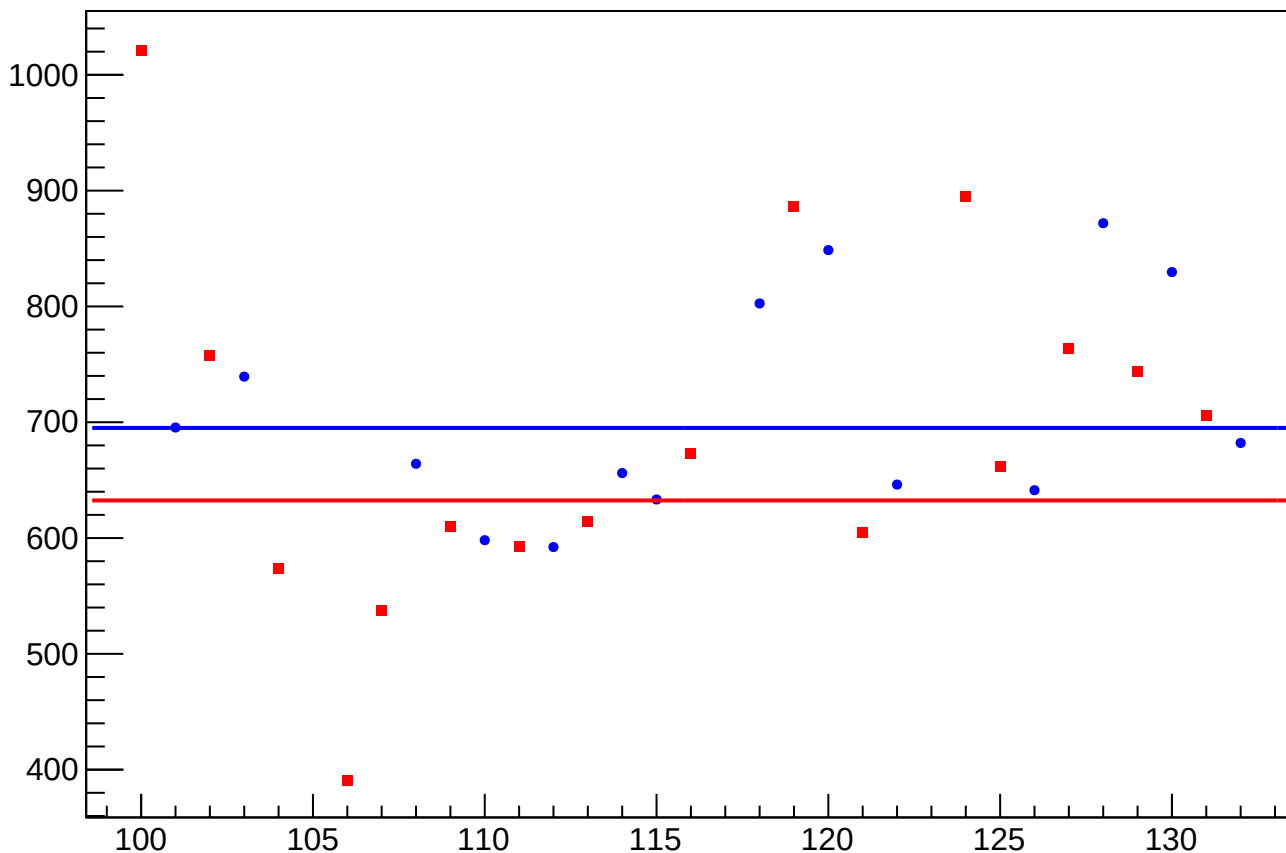
Right: 443.148+/-193.079 χ^2/NDF : 29.2/29

In: 82.609+/-289.170 χ^2/NDF : 16.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 443.148+/-193.079 χ^2/NDF : 29.2/29

asym_sam_37_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 695.096+/-0.204 χ^2/NDF : 176624.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 632.478+/-0.183 χ^2/NDF : 458172.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

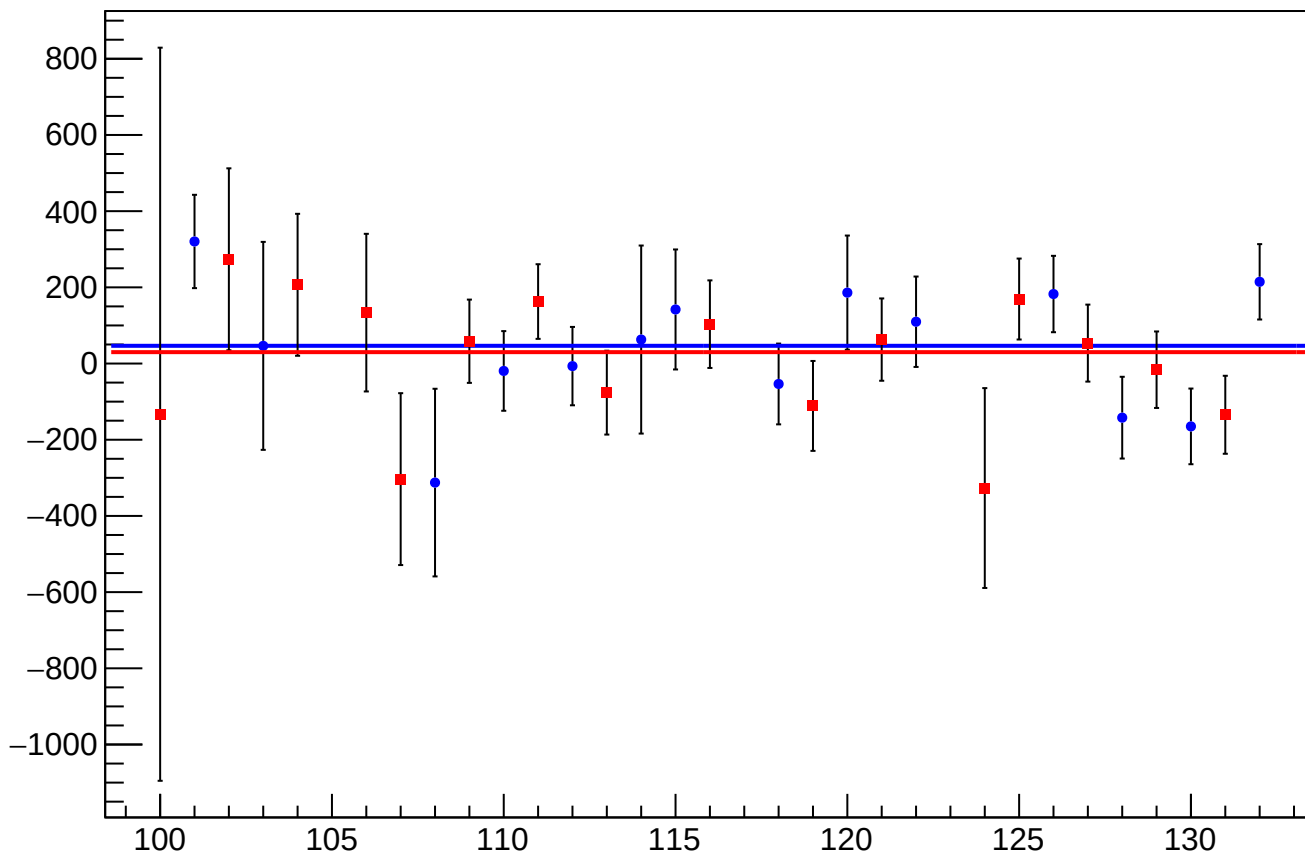
Right: 660.394+/-0.137 χ^2/NDF : 686768.9/29

In: 695.096+/-0.204 χ^2/NDF :176624.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 660.394+/-0.137 χ^2/NDF : 686768.9/29

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 46.583 $\pm$ 32.726 χ^2 /NDF: 22.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 29.921 $\pm$ 31.785 χ^2 /NDF: 15.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

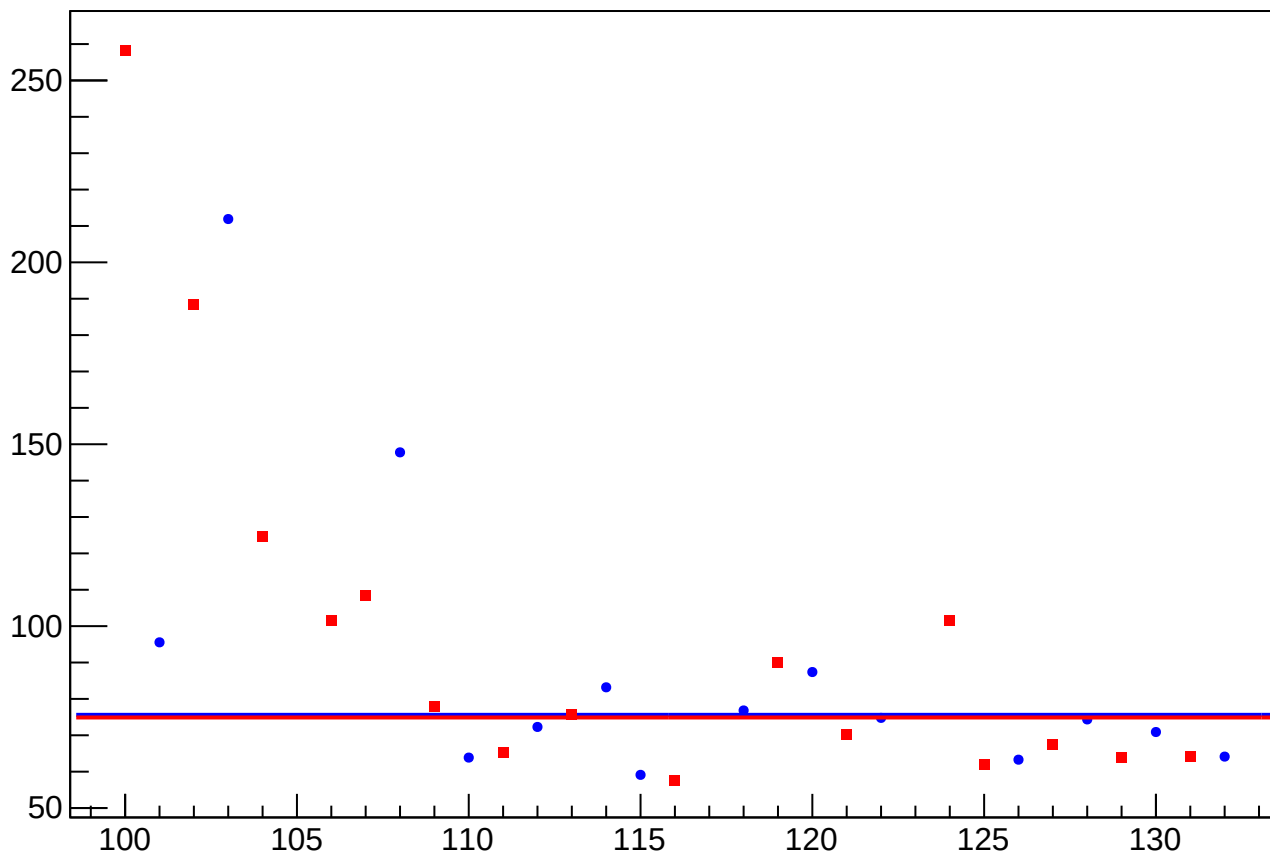
Right: 38.009 $\pm$ 22.801 χ^2 /NDF: 38.3/29

In: 46.583 $\pm$ 32.726 χ^2 /NDF:22.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 38.009 $\pm$ 22.801 χ^2 /NDF: 38.3/29

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 75.621+/-0.023 χ^2/NDF : 849120.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.891+/-0.022 χ^2/NDF : 955788.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

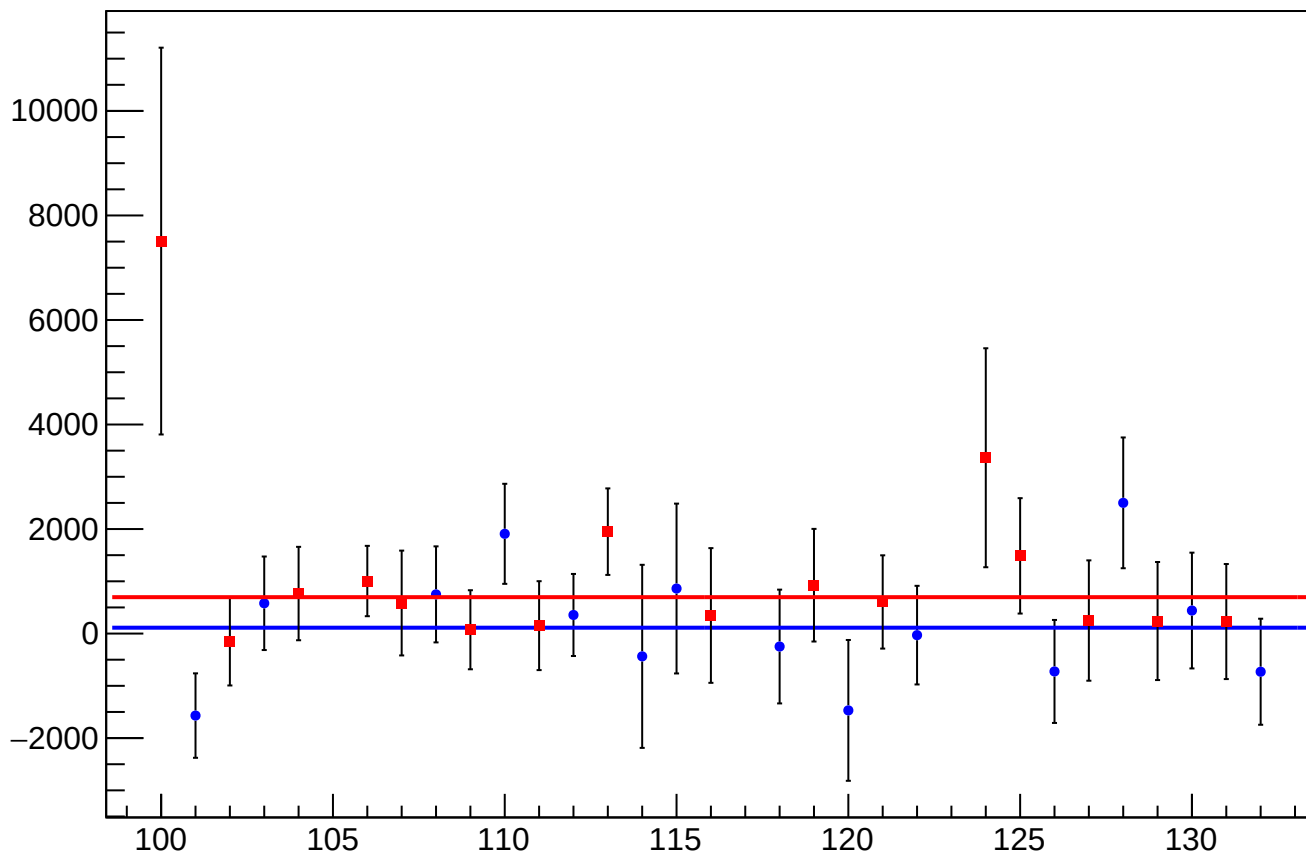
Right: 75.246+/-0.016 χ^2/NDF : 1805421.1/29

In: 75.621+/-0.023 χ^2/NDF : 849120.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.246+/-0.016 χ^2/NDF : 1805421.1/29

asym_sam_37_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 112.292 $\pm$ 273.614 χ^2 /NDF: 15.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 696.523 $\pm$ 245.062 χ^2 /NDF: 10.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

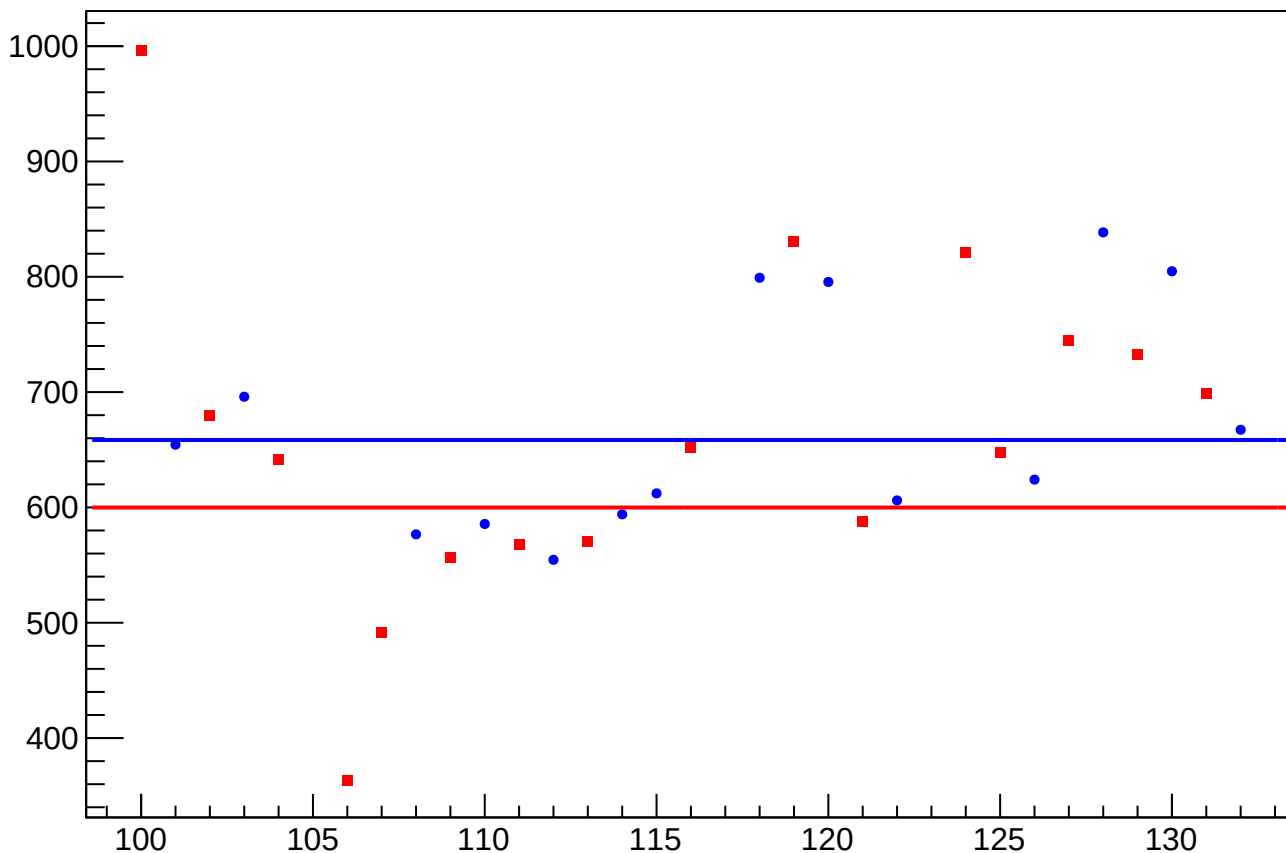
Right: 436.471 $\pm$ 182.548 χ^2 /NDF: 29.0/29

In: 112.292 $\pm$ 273.614 χ^2 /NDF:15.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 436.471 $\pm$ 182.548 χ^2 /NDF: 29.0/29

asym_sam_37_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 658.474+/-0.193 χ^2/NDF : 209497.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 599.926+/-0.173 χ^2/NDF : 524280.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

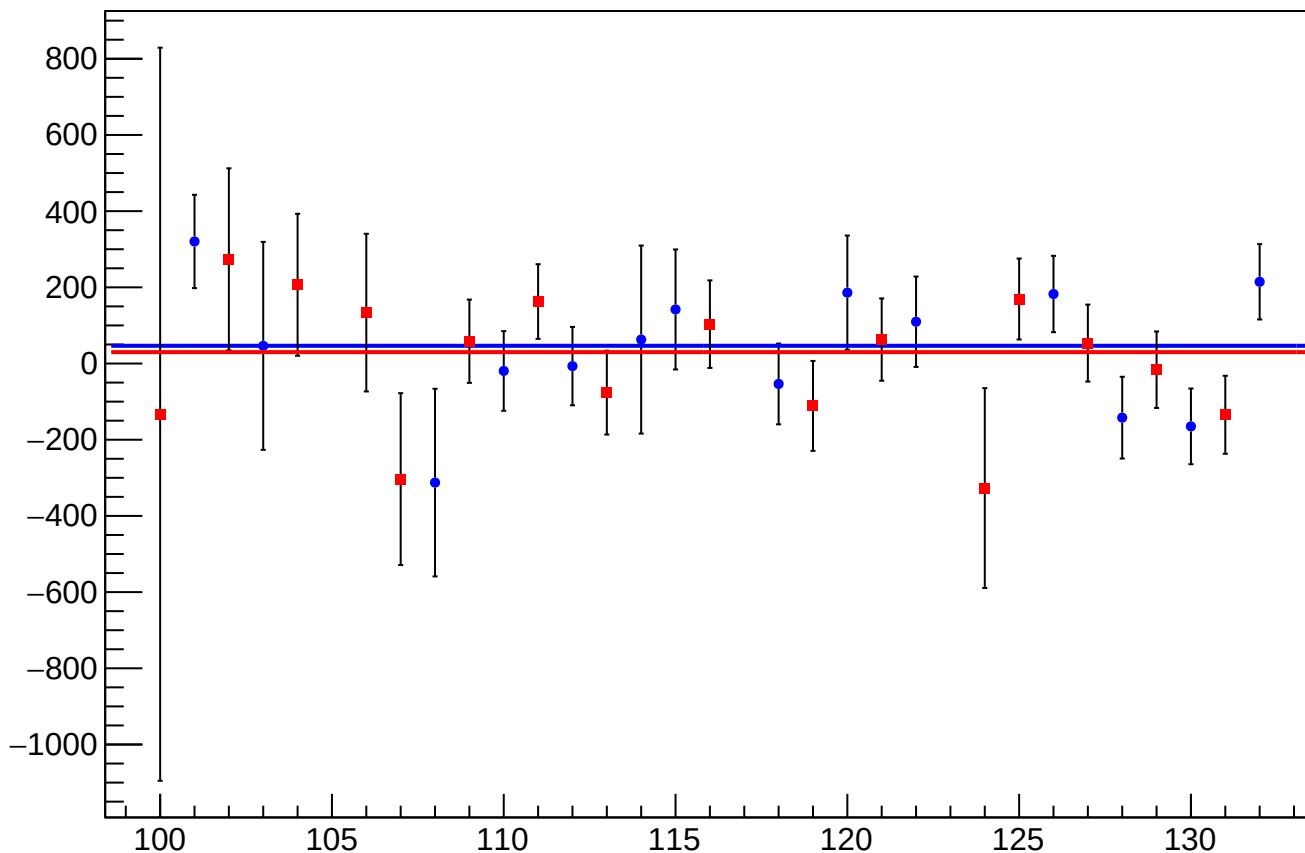
Right: 625.987+/-0.129 χ^2/NDF : 784592.0/29

In: 658.474+/-0.193 χ^2/NDF : 209497.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 625.987+/-0.129 χ^2/NDF : 784592.0/29

eigen_dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 46.582 $\pm$ 32.726 χ^2 /NDF: 22.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 29.920 $\pm$ 31.785 χ^2 /NDF: 15.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

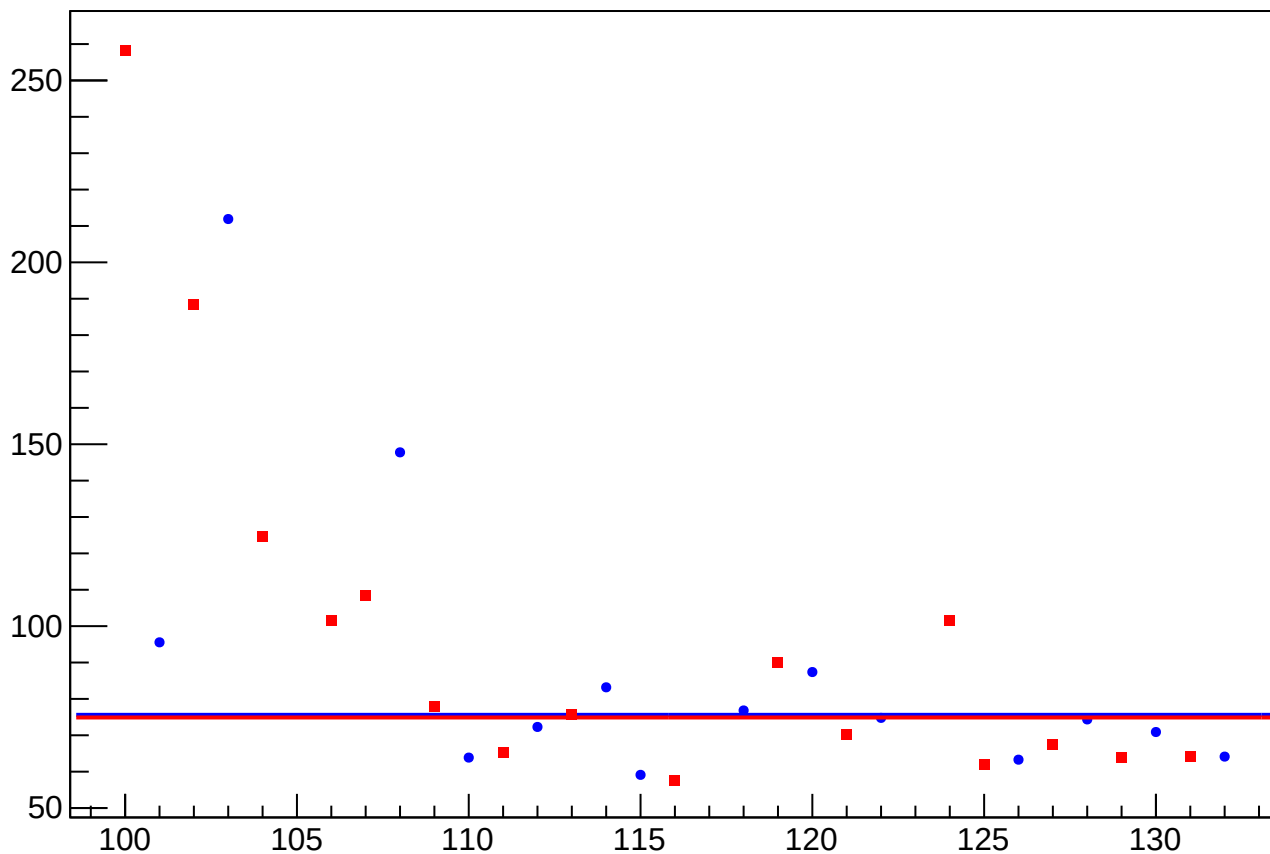
Right: 38.008 $\pm$ 22.801 χ^2 /NDF: 38.3/29

In: 46.582 $\pm$ 32.726 χ^2 /NDF:22.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 38.008 $\pm$ 22.801 χ^2 /NDF: 38.3/29

eigen_dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 75.621+/-0.023 χ^2/NDF : 849118.3/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 74.892+/-0.022 χ^2/NDF : 955774.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

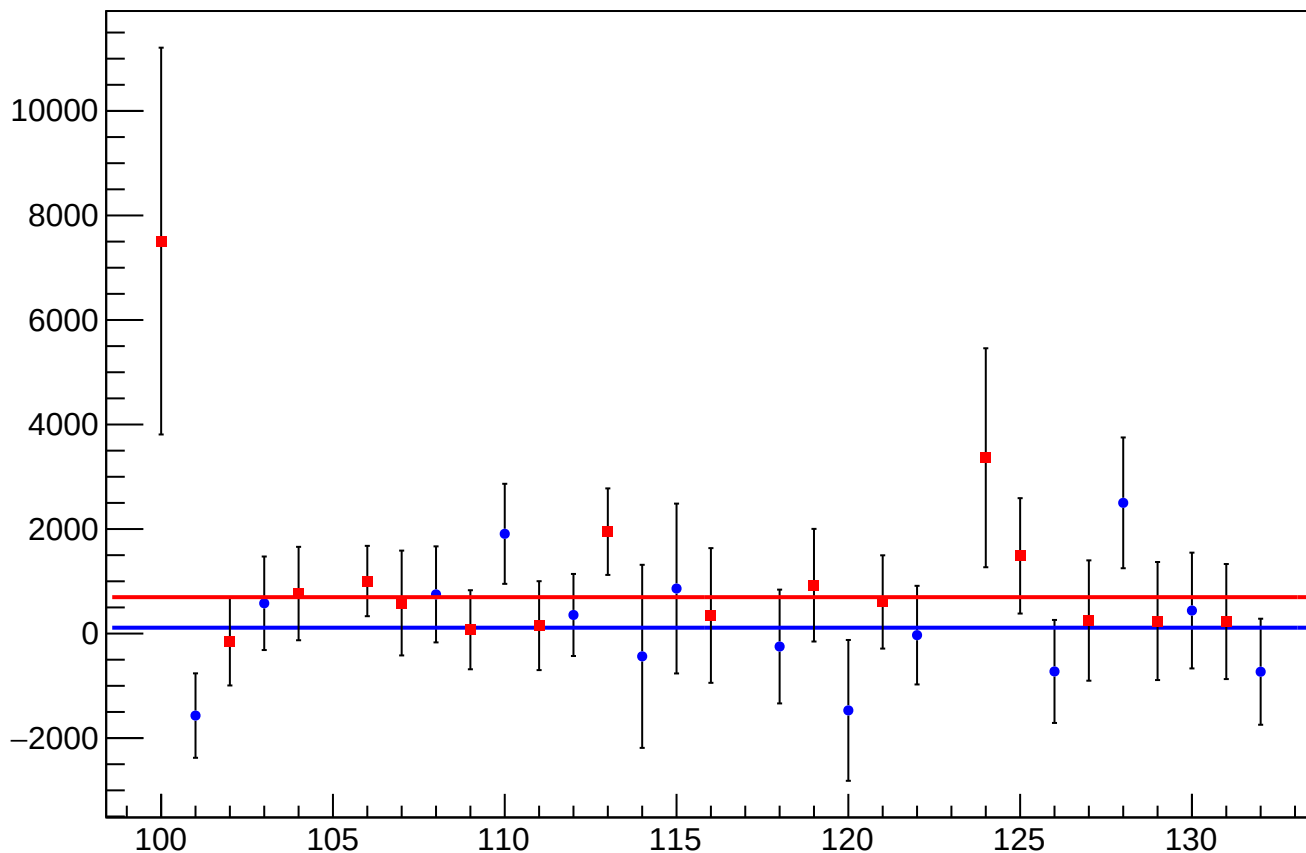
Right: 75.246+/-0.016 χ^2/NDF : 1805404.6/29

In: 75.621+/-0.023 χ^2/NDF :849118.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 75.246+/-0.016 χ^2/NDF : 1805404.6/29

asym_sam_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 112.292 $\pm$ 273.614 χ^2 /NDF: 15.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 696.522 $\pm$ 245.061 χ^2 /NDF: 10.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

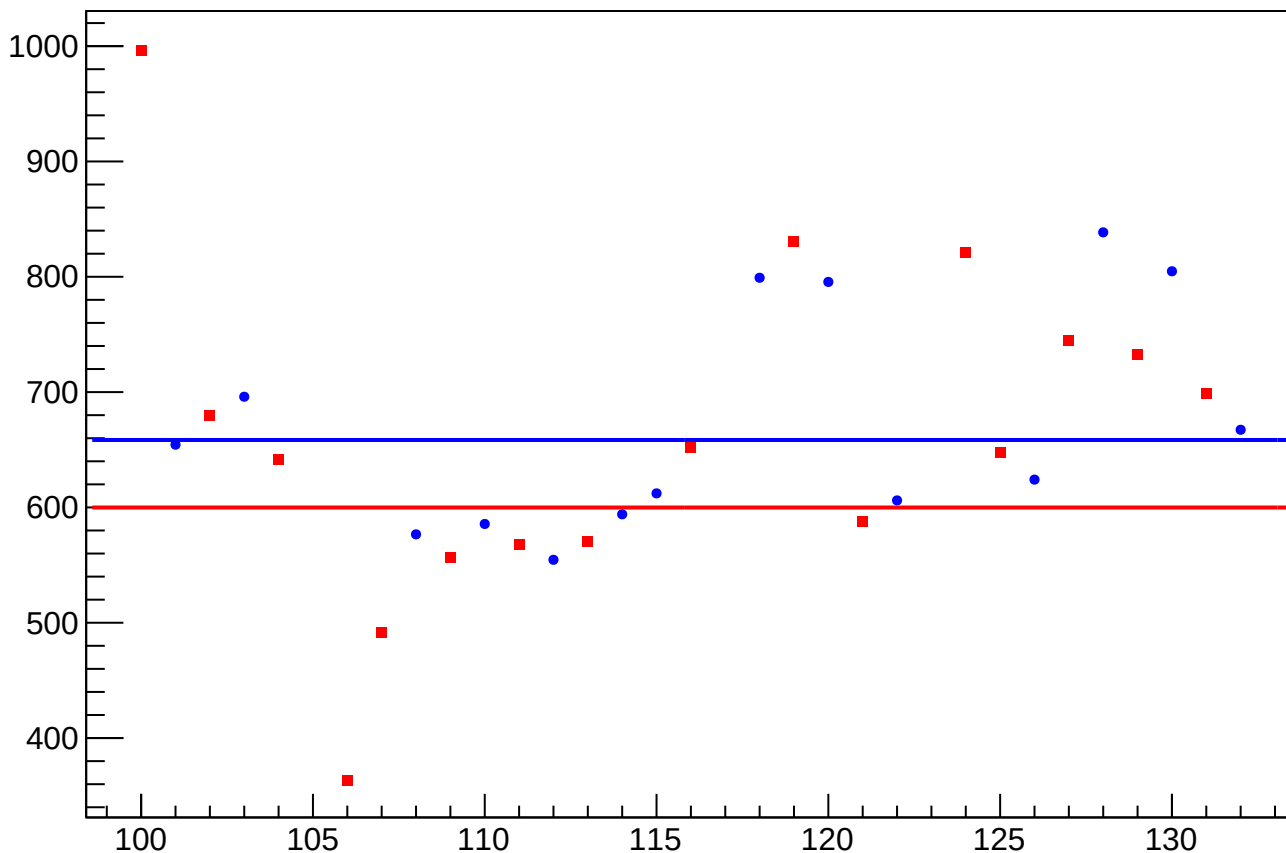
Right: 436.471 $\pm$ 182.547 χ^2 /NDF: 29.0/29

In: 112.292 $\pm$ 273.614 χ^2 /NDF:15.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 436.471 $\pm$ 182.547 χ^2 /NDF: 29.0/29

asym_sam_37_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 658.474+/-0.193 χ^2/NDF : 209500.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 599.925+/-0.173 χ^2/NDF : 524282.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

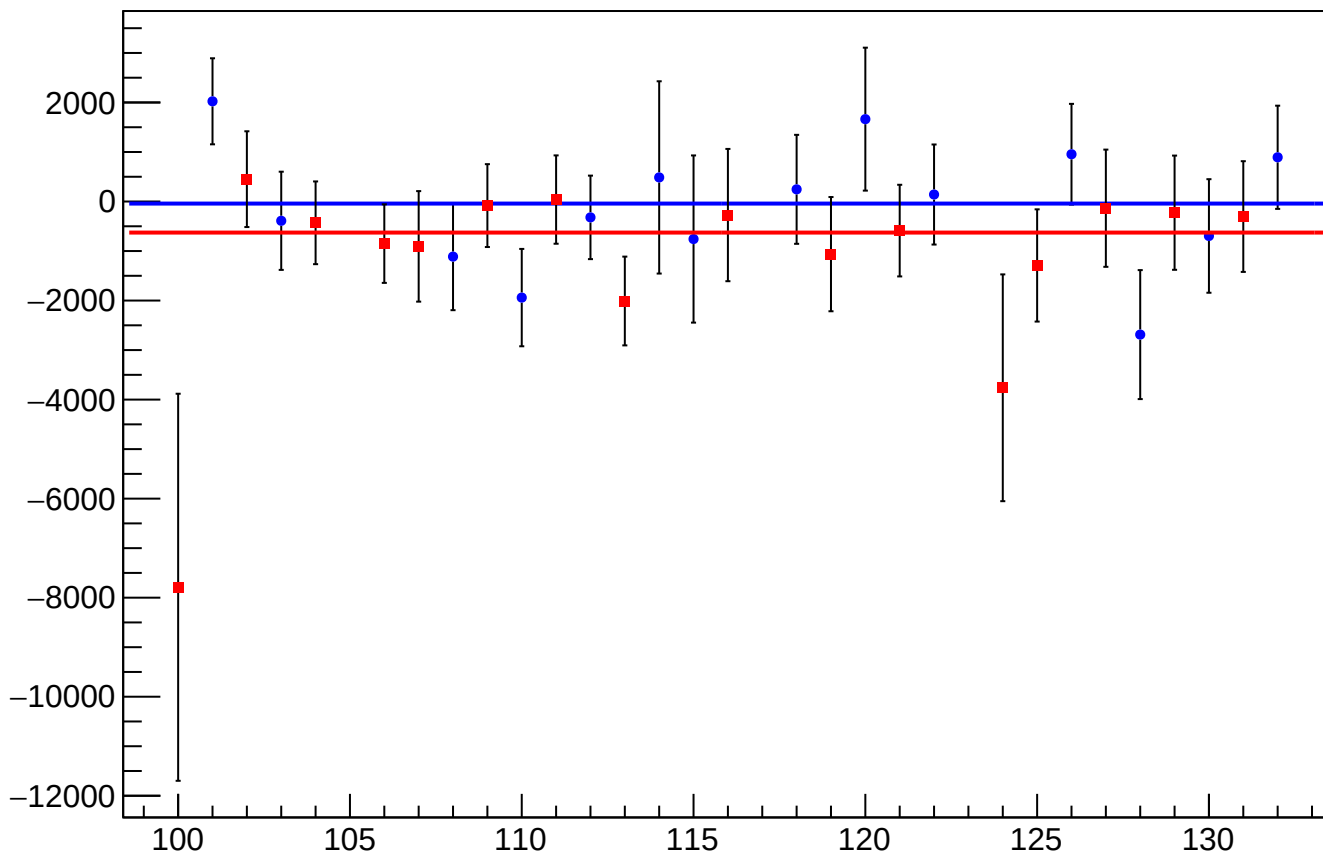
Right: 625.986+/-0.129 χ^2/NDF : 784598.4/29

In: 658.474+/-0.193 χ^2/NDF : 209500.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 625.986+/-0.129 χ^2/NDF : 784598.4/29

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: -41.536 ± 291.380 $\chi^2/\text{NDF}: 18.6/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -627.189 ± 261.662 $\chi^2/\text{NDF}: 11.0/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

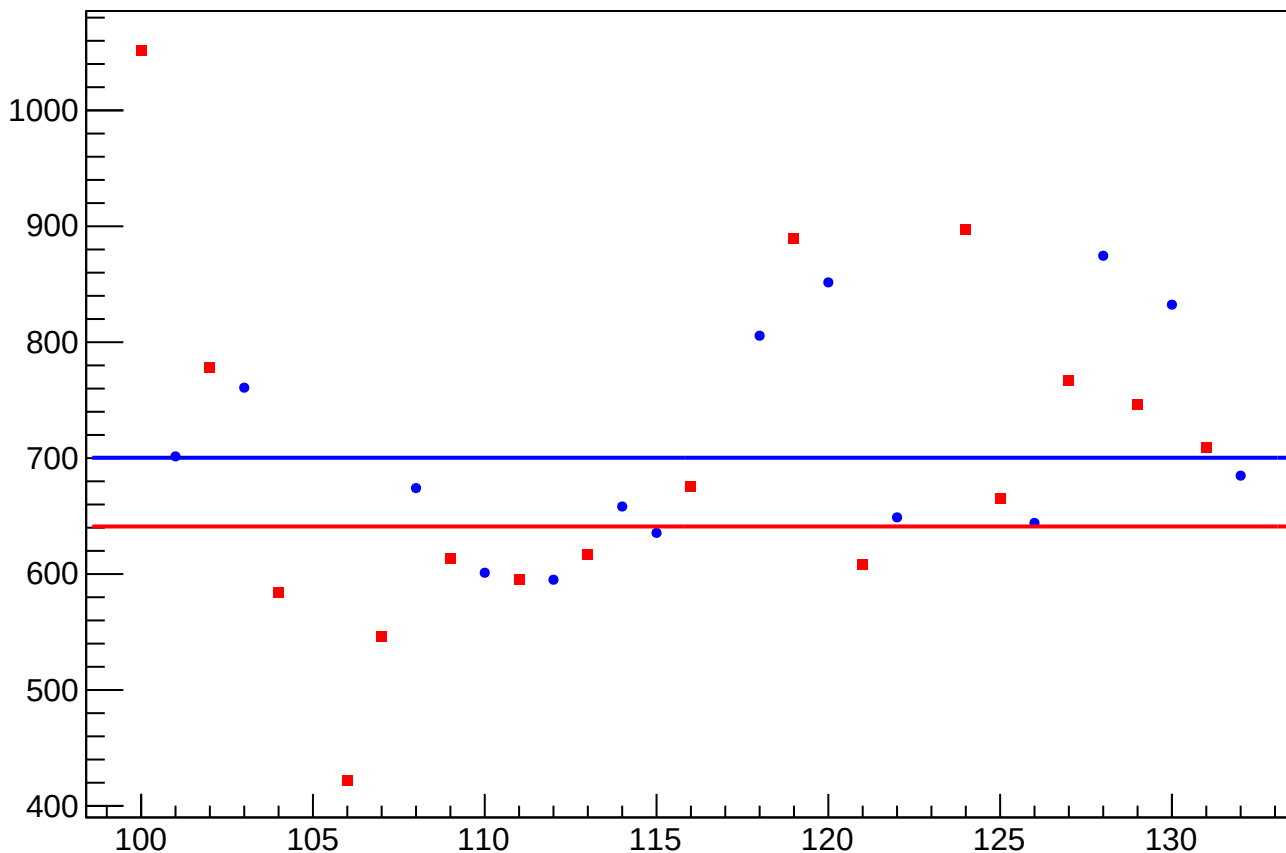
Right: -365.742 ± 194.684 $\chi^2/\text{NDF}: 31.8/29$

In: -41.536 ± 291.380 $\chi^2/\text{NDF}: 18.6/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -365.742 ± 194.684 $\chi^2/\text{NDF}: 31.8/29$

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 700.332 $\pm$ 0.206 χ^2 /NDF: 178349.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 641.054 $\pm$ 0.185 χ^2 /NDF: 415902.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

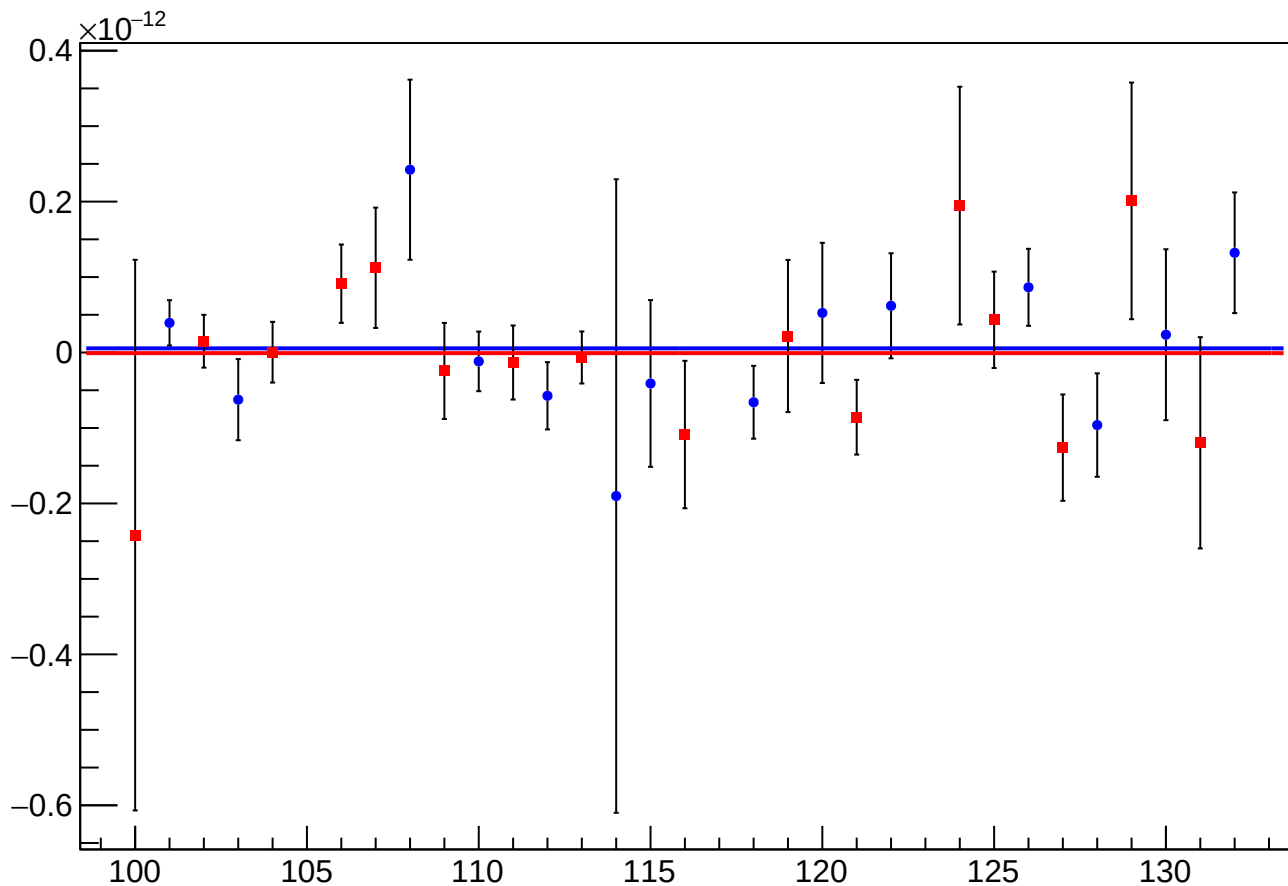
Right: 667.516 $\pm$ 0.138 χ^2 /NDF: 640074.0/29

In: 700.332 $\pm$ 0.206 χ^2 /NDF:178349.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 667.516 $\pm$ 0.138 χ^2 /NDF: 640074.0/29

asym_sam_37_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 19.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

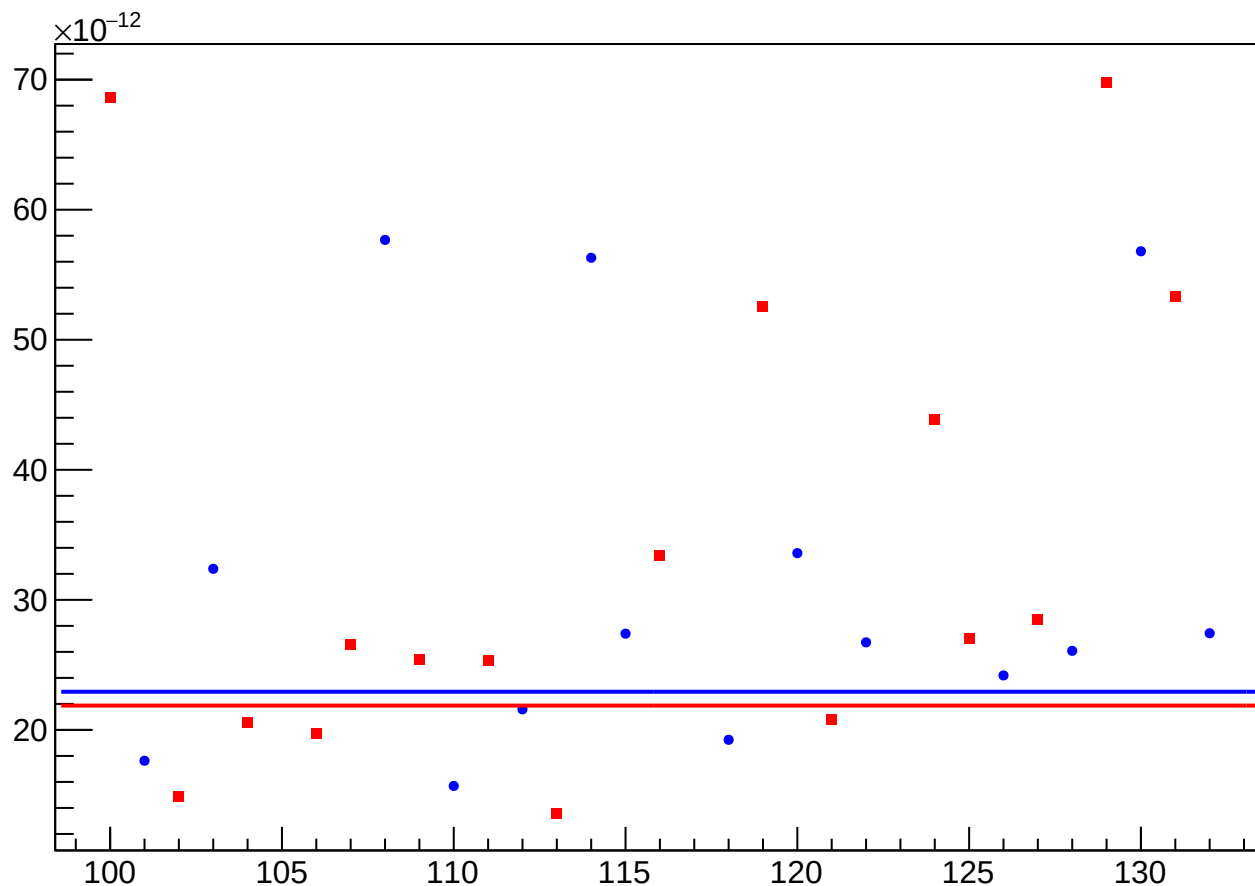
Right: 0.000+/-0.000 χ^2/NDF : 37.6/29

In: 0.000+/-0.000 χ^2/NDF : 19.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 37.6/29

asym_sam_37_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 613227.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 828963.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

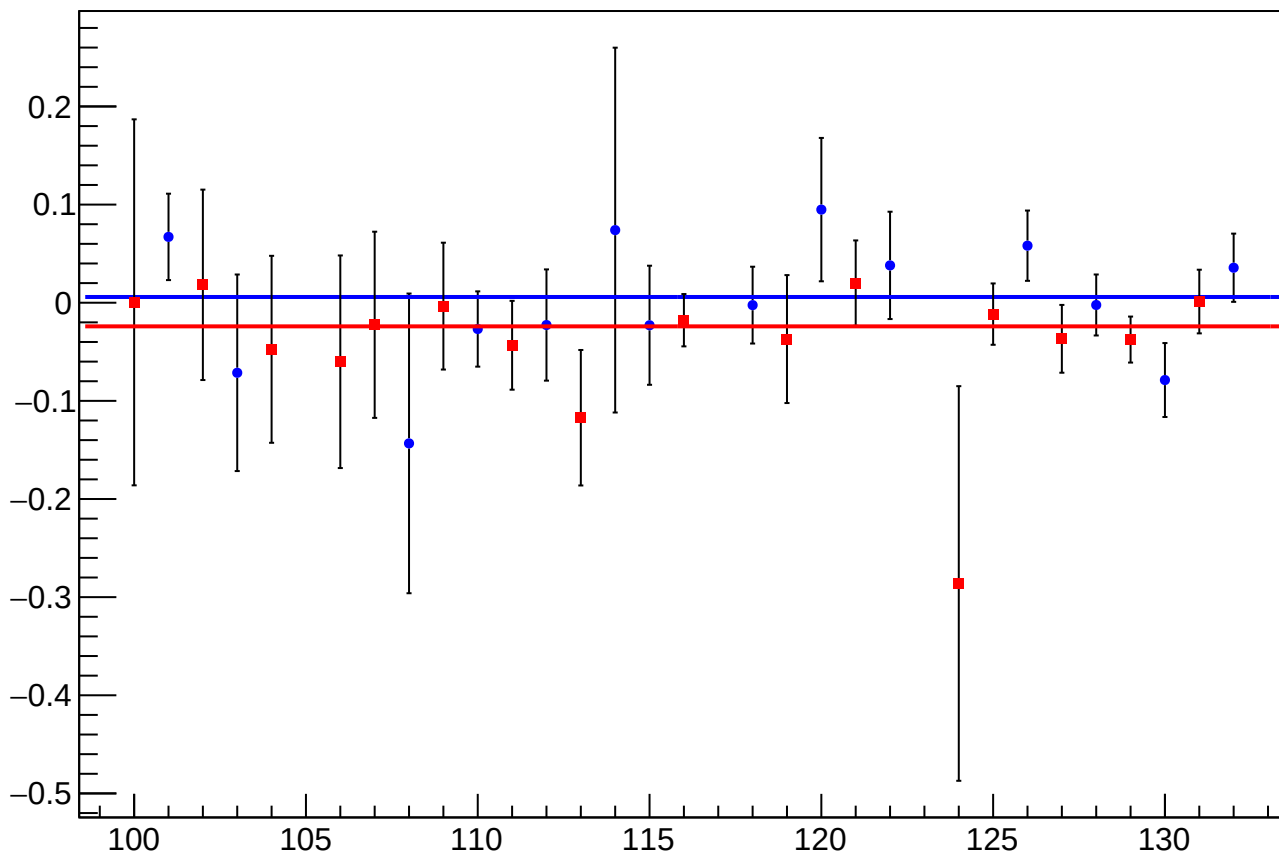
Right: 0.000+/-0.000 χ^2/NDF : 1447277.9/29

In: 0.000+/-0.000 χ^2/NDF : 613227.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1447277.9/29

asym_sam_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006+/-0.012 χ^2/NDF : 14.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.024+/-0.011 χ^2/NDF : 6.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

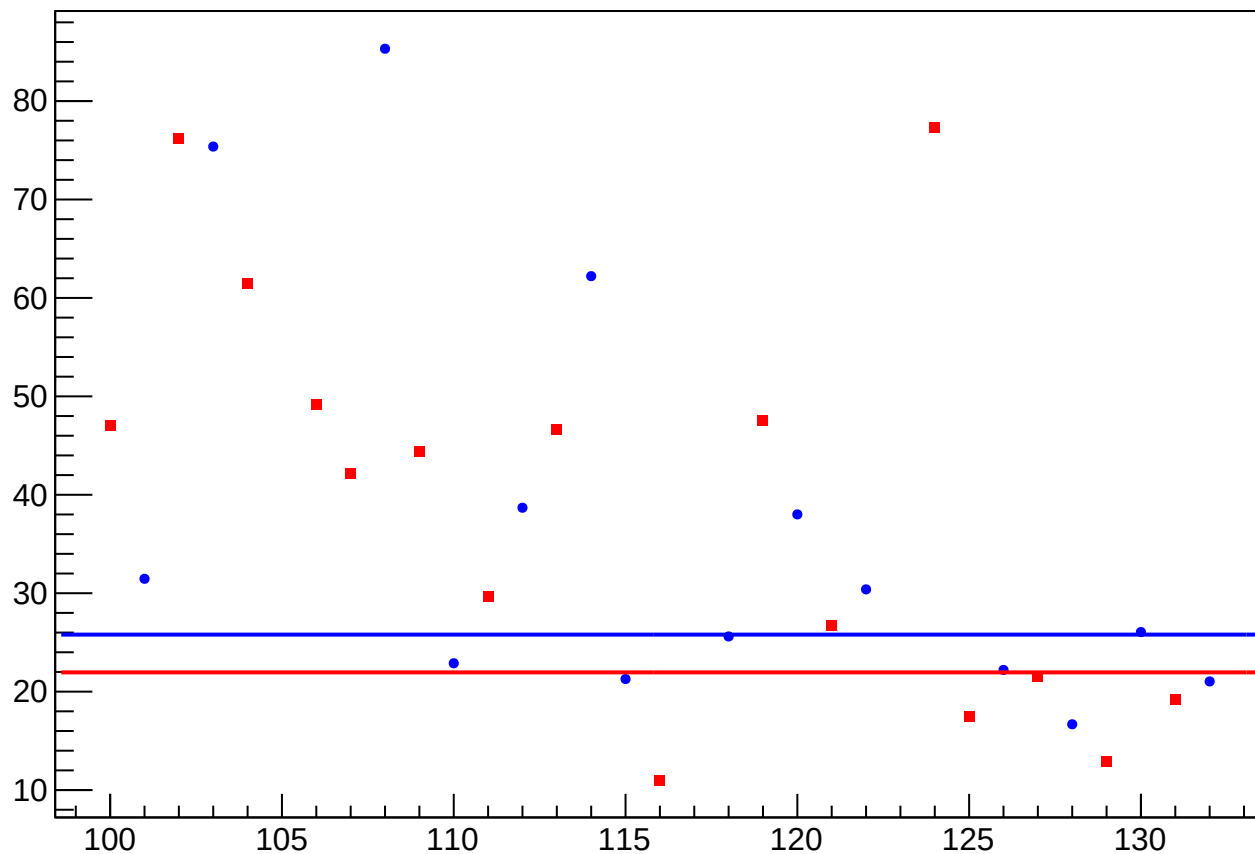
Right: -0.011+/-0.008 χ^2/NDF : 24.5/29

In: 0.006+/-0.012 χ^2/NDF : 14.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.008 χ^2/NDF : 24.5/29

asym_sam_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.794+/-0.009 χ^2/NDF : 1329846.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 21.956+/-0.008 χ^2/NDF : 2958110.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

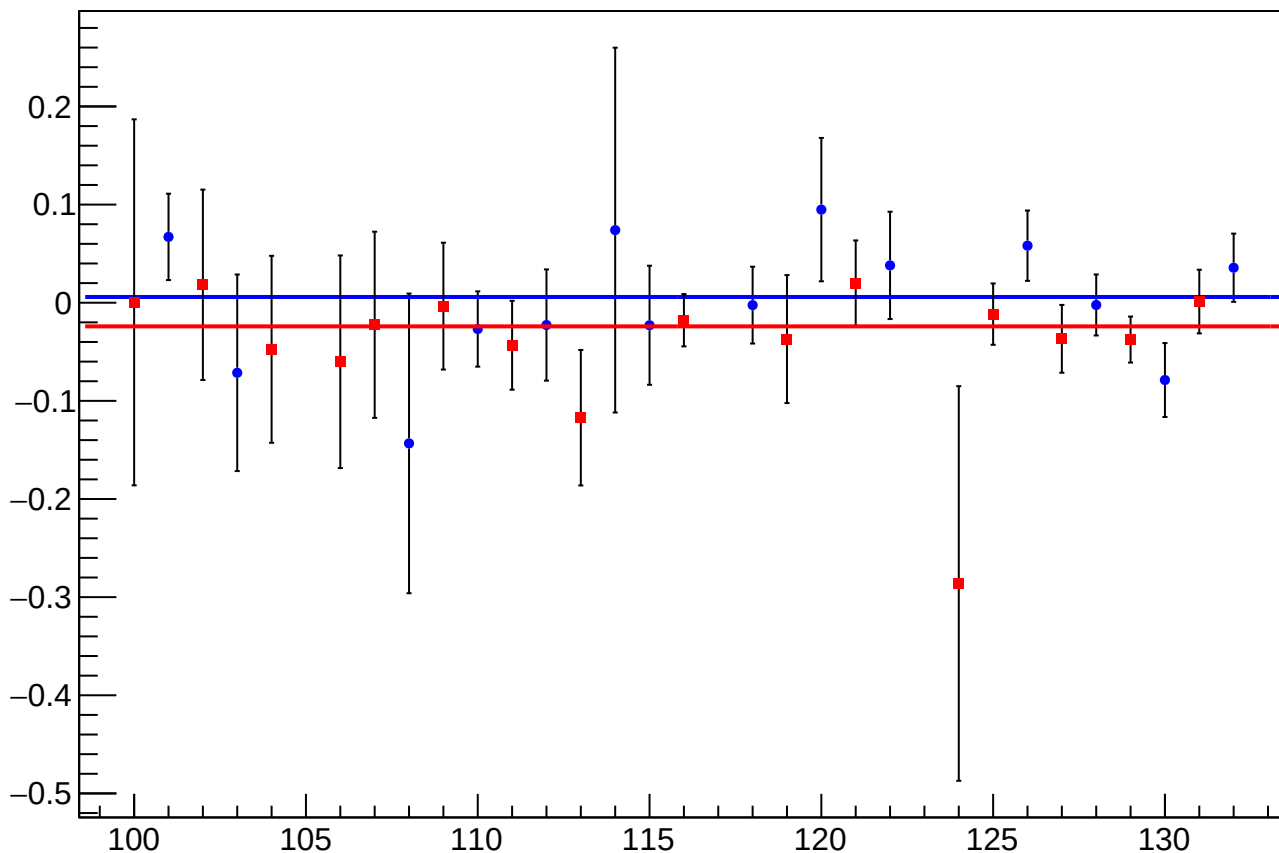
Right: 23.649+/-0.006 χ^2/NDF : 4394565.7/29

In: 25.794+/-0.009 χ^2/NDF :1329846.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.649+/-0.006 χ^2/NDF : 4394565.7/29

asym_sam_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006+/-0.012 χ^2/NDF : 14.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.024+/-0.011 χ^2/NDF : 6.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

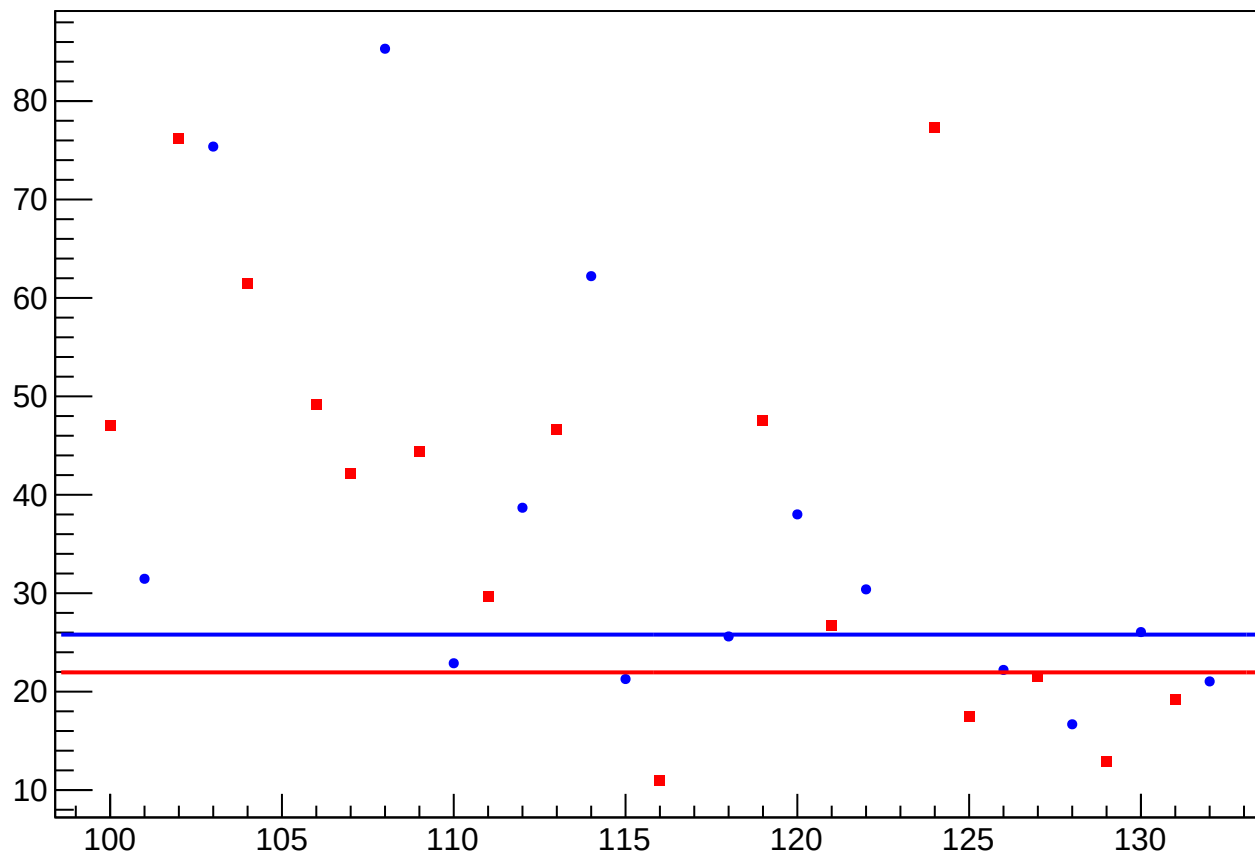
Right: -0.011+/-0.008 χ^2/NDF : 24.5/29

In: 0.006+/-0.012 χ^2/NDF : 14.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.008 χ^2/NDF : 24.5/29

asym_sam_37_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.794+/-0.009 χ^2/NDF : 1329846.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 21.956+/-0.008 χ^2/NDF : 2958110.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

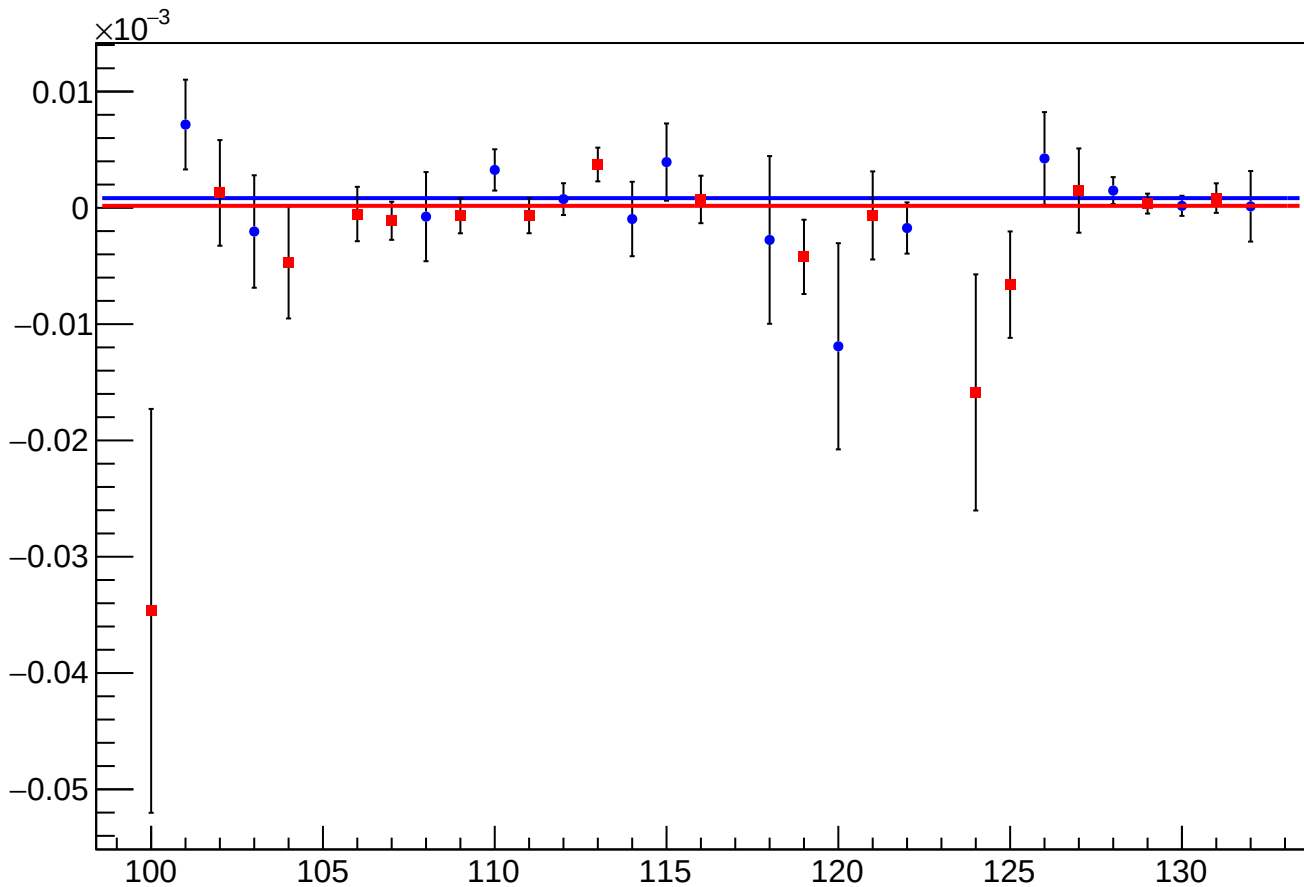
Right: 23.649+/-0.006 χ^2/NDF : 4394565.7/29

In: 25.794+/-0.009 χ^2/NDF :1329846.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.649+/-0.006 χ^2/NDF : 4394565.7/29

asym_sam_37_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 19.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

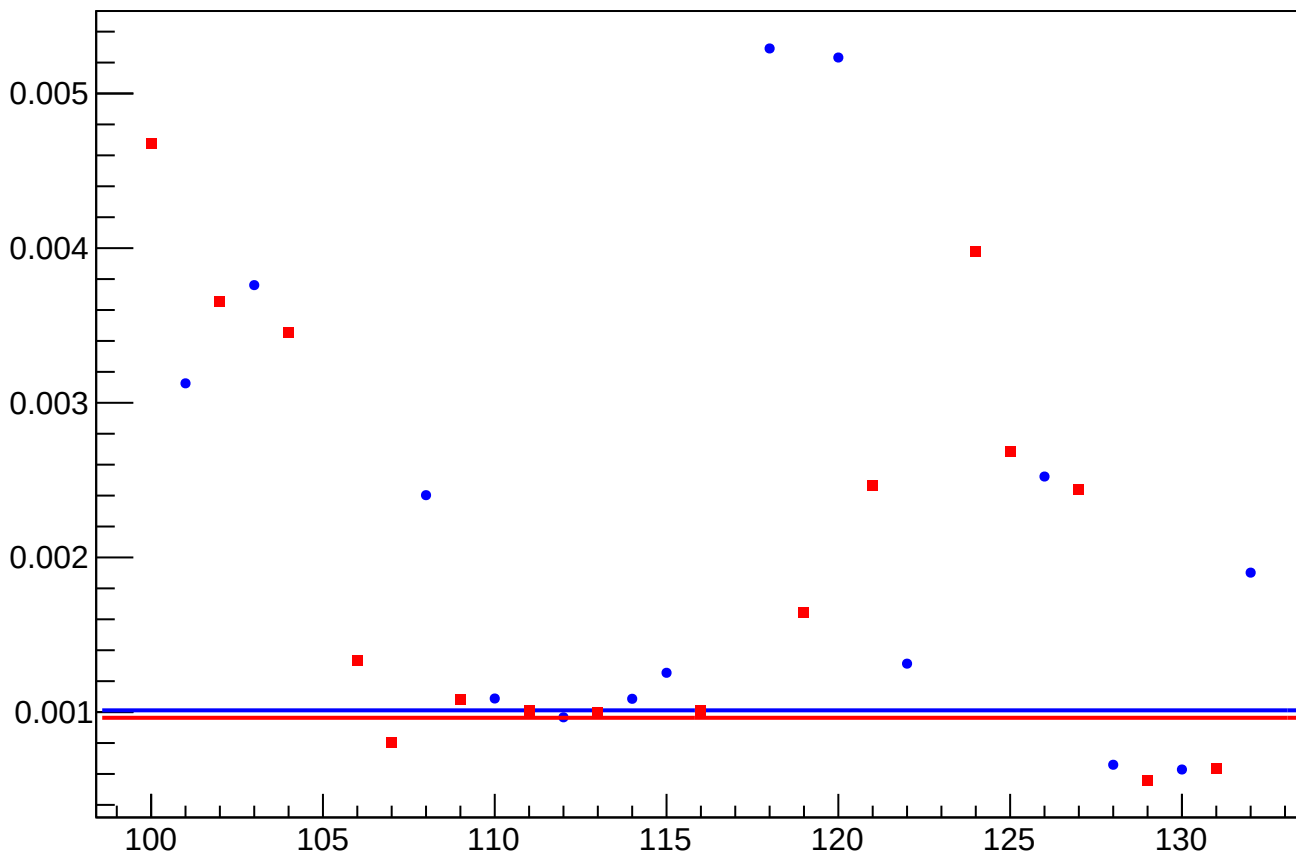
Right: 0.000+/-0.000 χ^2/NDF : 32.1/29

In: 0.000+/-0.000 χ^2/NDF : 11.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 32.1/29

asym_sam_37_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 3760406.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3196713.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

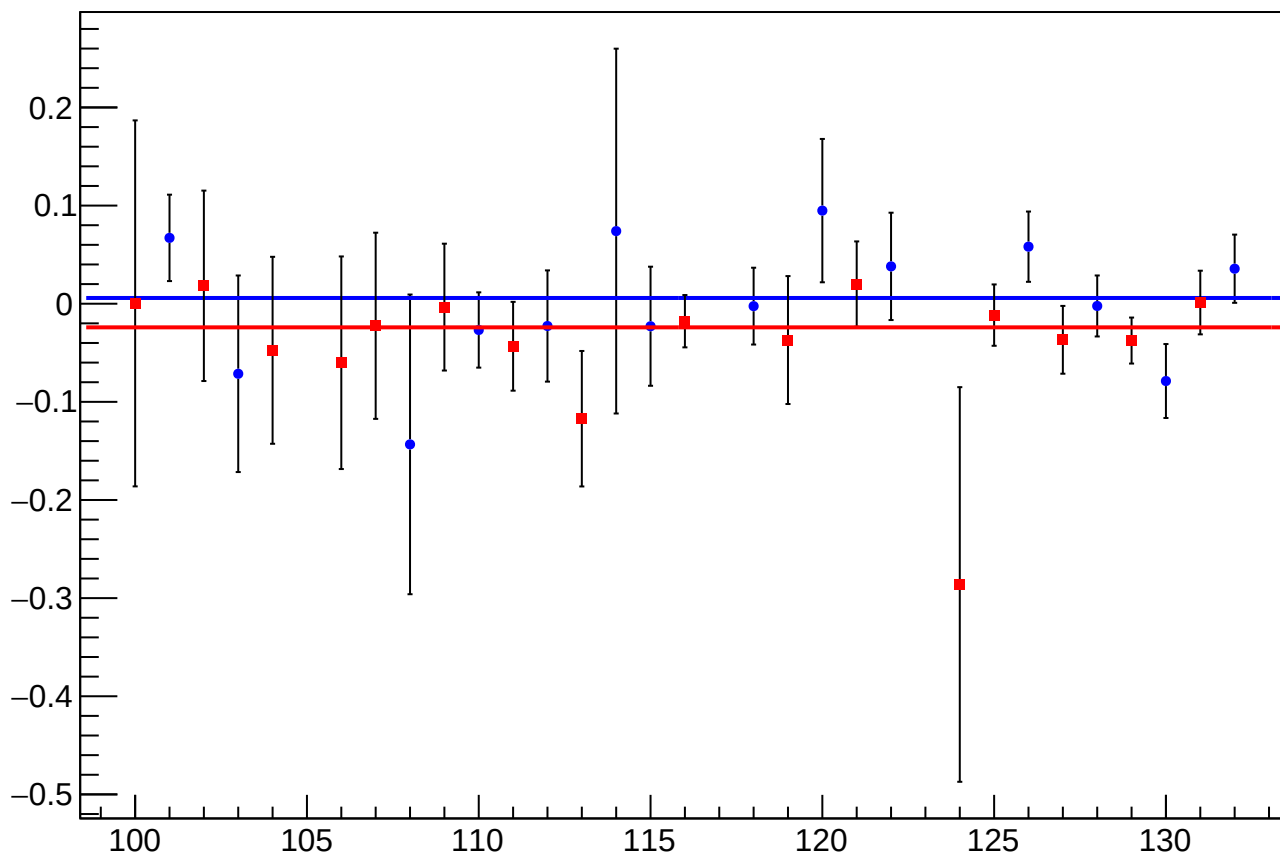
Right: 0.001+/-0.000 χ^2/NDF : 6966582.0/29

In: 0.001+/-0.000 χ^2/NDF :3760406.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6966582.0/29

asym_sam_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006 $\pm$ 0.012 χ^2 /NDF: 14.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.024 $\pm$ 0.011 χ^2 /NDF: 6.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

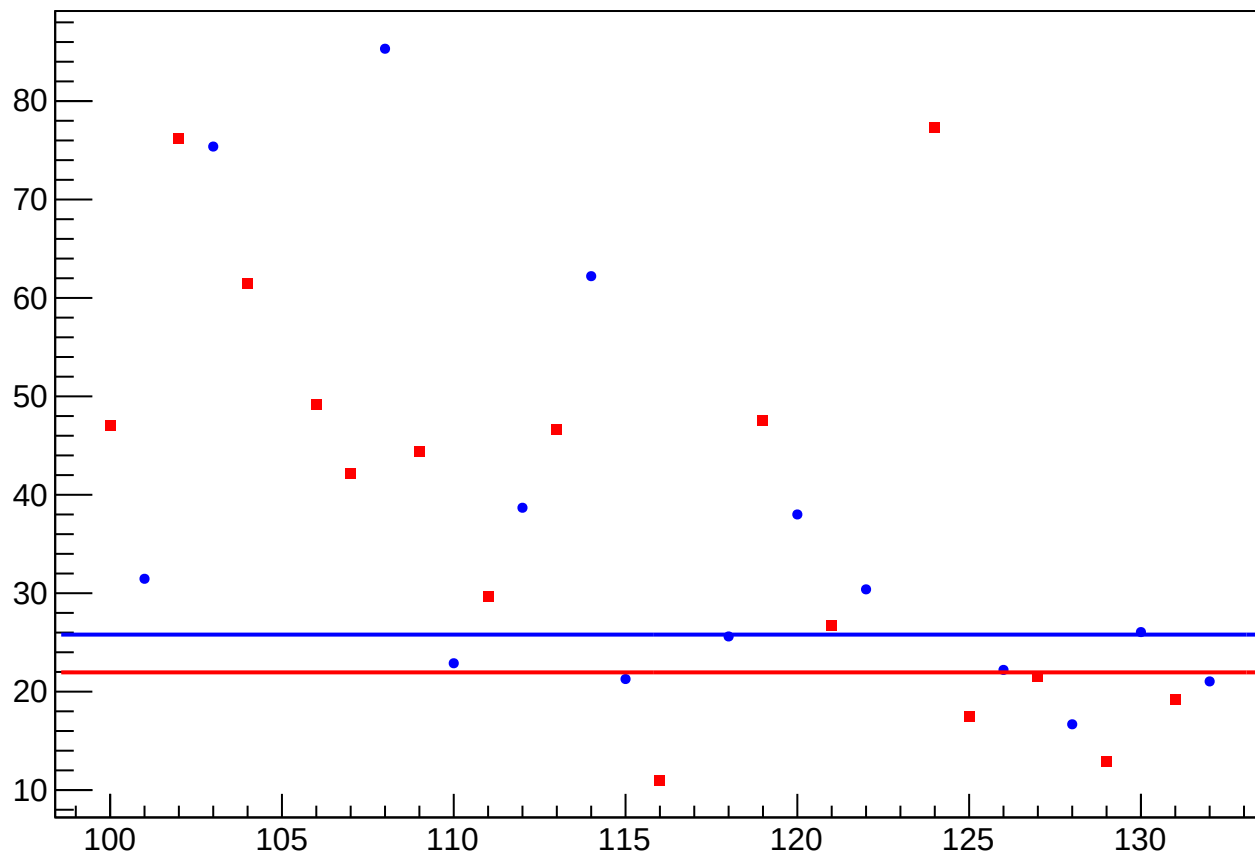
Right: -0.011 $\pm$ 0.008 χ^2 /NDF: 24.5/29

In: 0.006 $\pm$ 0.012 χ^2 /NDF:14.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.011 $\pm$ 0.008 χ^2 /NDF: 24.5/29

asym_sam_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.795+/-0.009 χ^2/NDF : 1329797.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.957+/-0.008 χ^2/NDF : 2957970.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

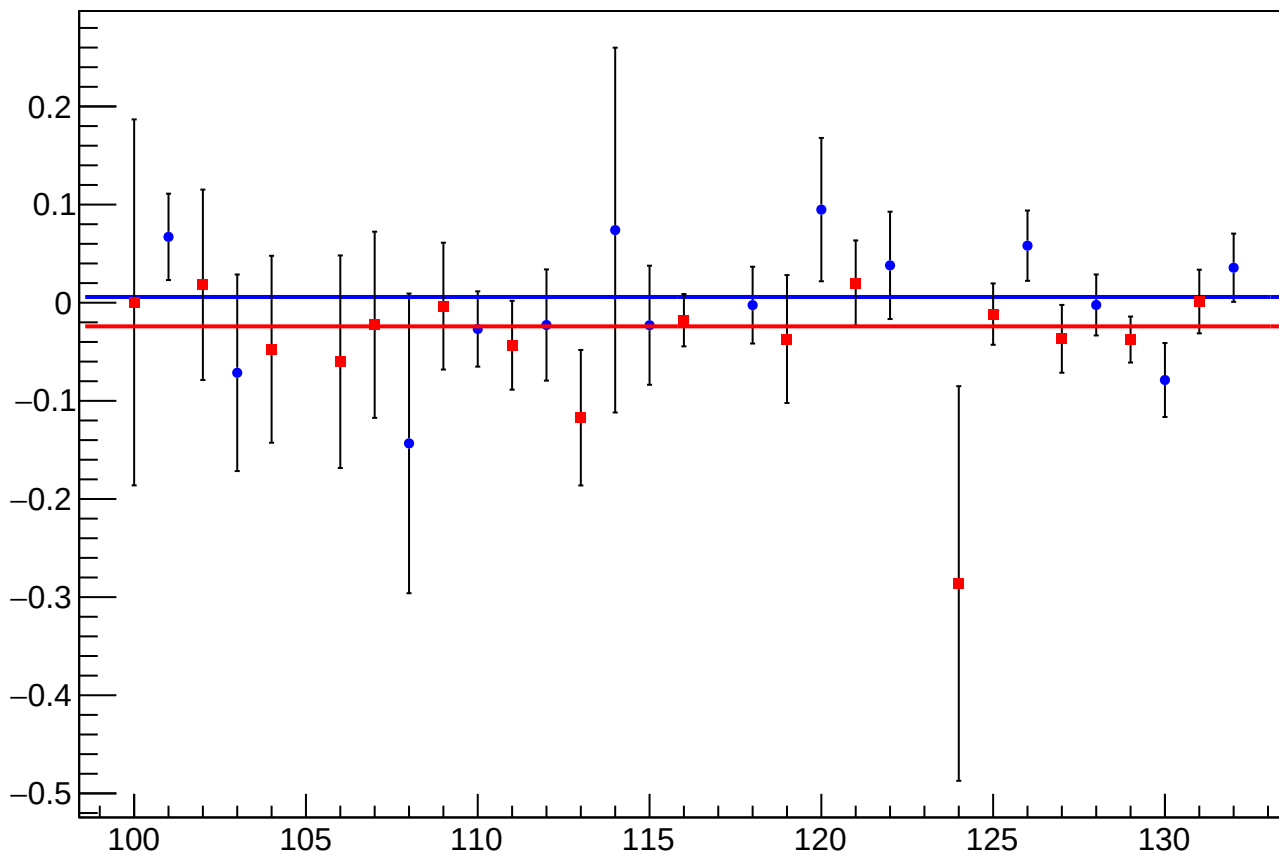
Right: 23.649+/-0.006 χ^2/NDF : 4394377.1/29

In: 25.795+/-0.009 χ^2/NDF : 1329797.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.649+/-0.006 χ^2/NDF : 4394377.1/29

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006+/-0.012 χ^2/NDF : 14.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.024+/-0.011 χ^2/NDF : 6.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

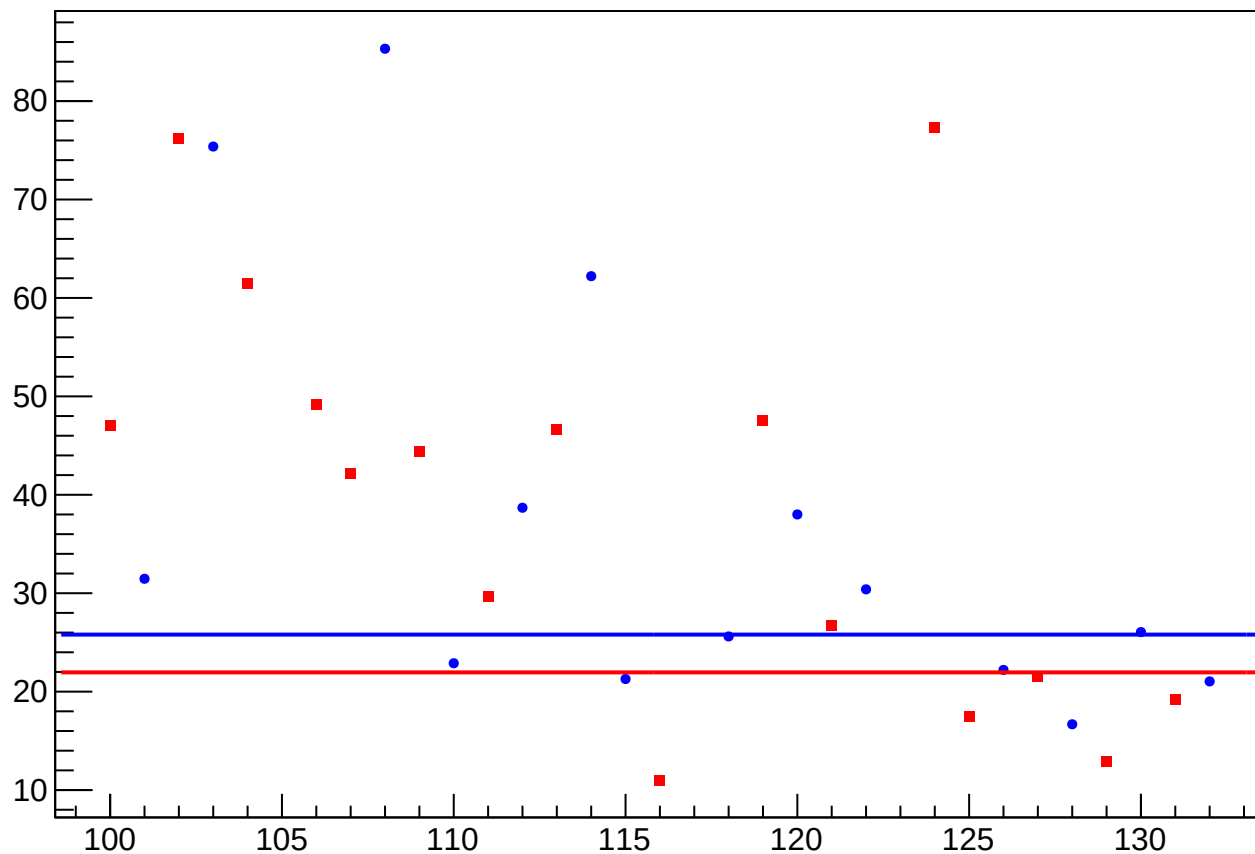
Right: -0.011+/-0.008 χ^2/NDF : 24.5/29

In: 0.006+/-0.012 χ^2/NDF : 14.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.008 χ^2/NDF : 24.5/29

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.795+/-0.009 χ^2/NDF : 1329797.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.957+/-0.008 χ^2/NDF : 2957970.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

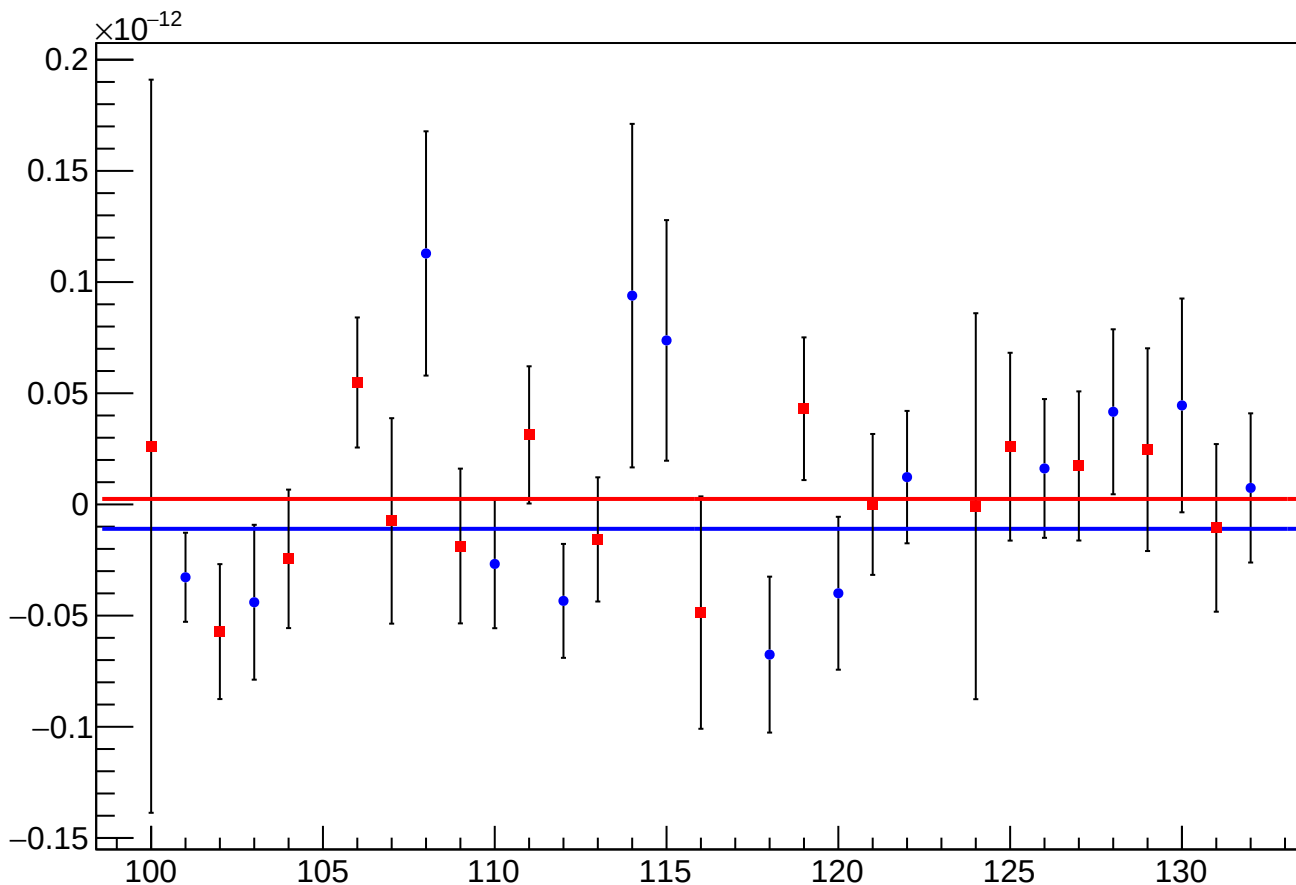
Right: 23.649+/-0.006 χ^2/NDF : 4394377.1/29

In: 25.795+/-0.009 χ^2/NDF : 1329797.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.649+/-0.006 χ^2/NDF : 4394377.1/29

asym_sam_37_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 21.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

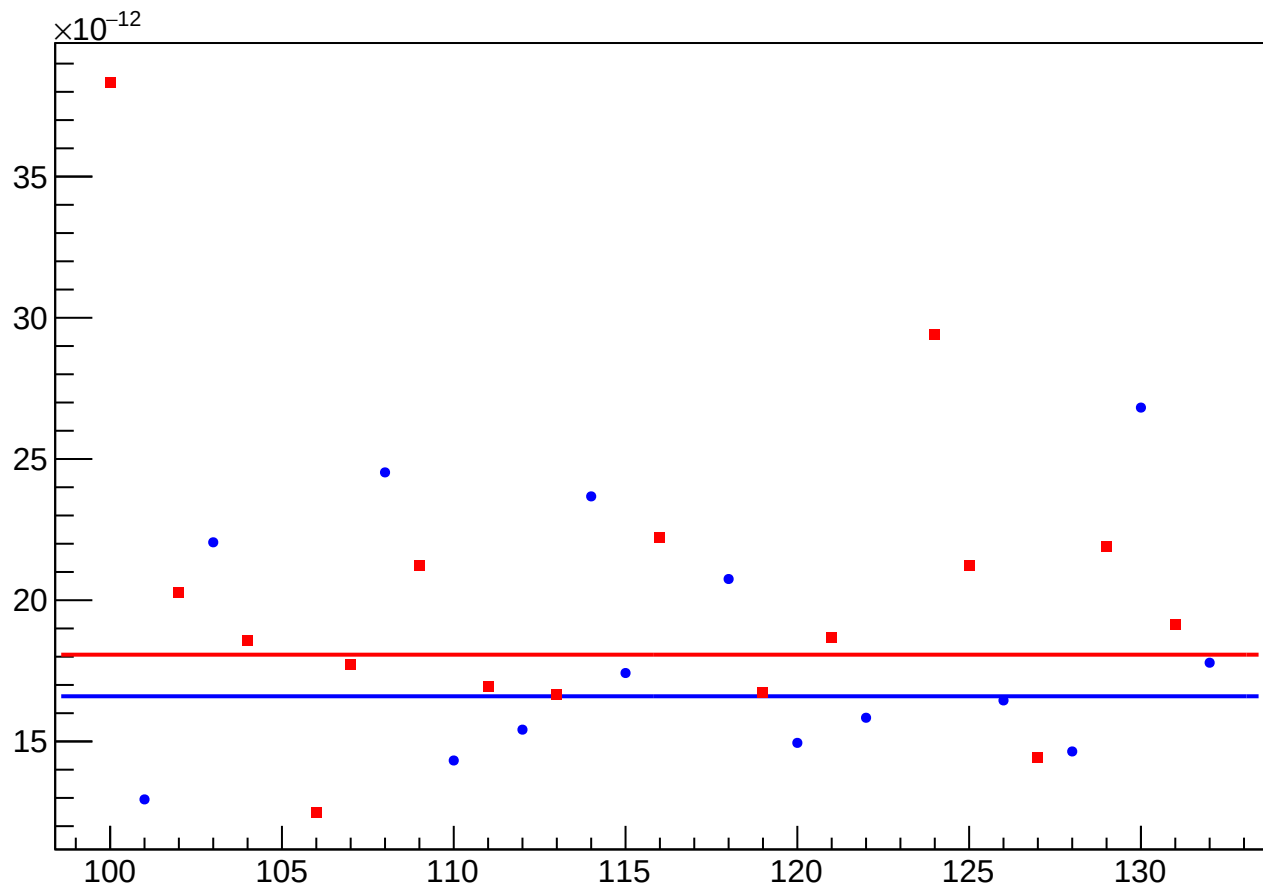
Right: -0.000+/-0.000 χ^2/NDF : 35.8/29

In: -0.000+/-0.000 χ^2/NDF : 21.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 35.8/29

asym_sam_37_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 323470.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 239798.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

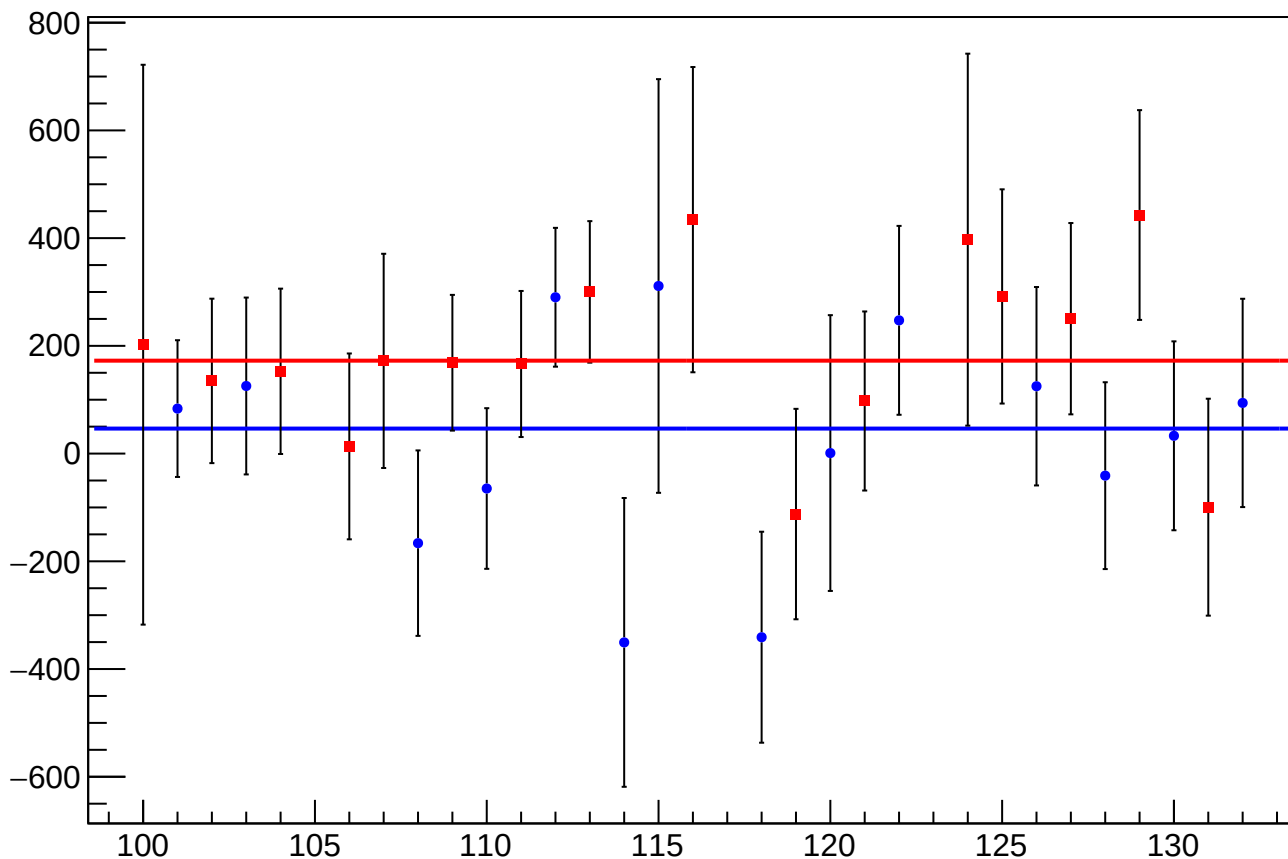
Right: 0.000+/-0.000 χ^2/NDF : 590134.5/29

In: 0.000+/-0.000 χ^2/NDF : 323470.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 590134.5/29

reg_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 46.423+/-46.901 χ^2/NDF : 14.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 172.502+/-44.084 χ^2/NDF : 9.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

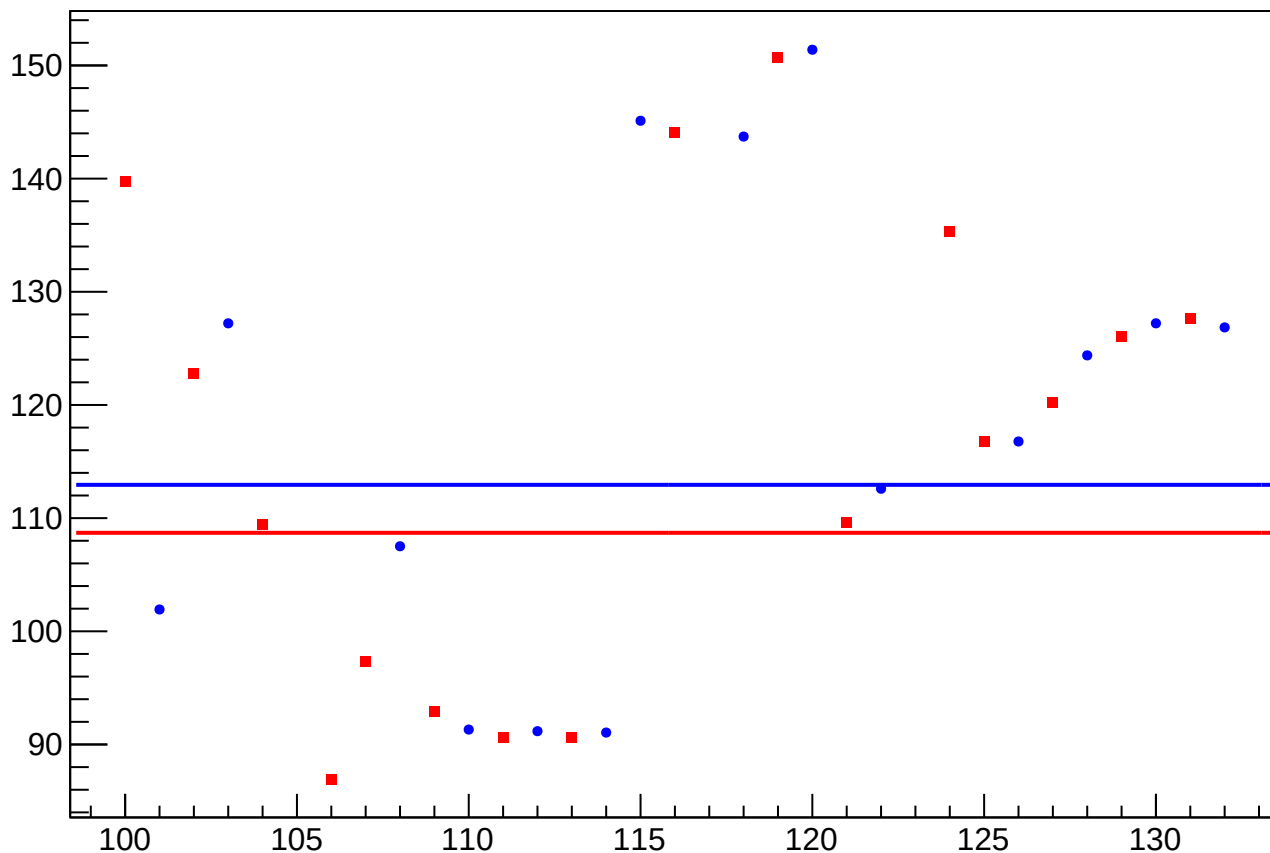
Right: 113.362+/-32.122 χ^2/NDF : 28.0/29

In: 46.423+/-46.901 χ^2/NDF : 14.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.362+/-32.122 χ^2/NDF : 28.0/29

reg_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 112.943+/-0.033 χ^2/NDF : 286301.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.704+/-0.031 χ^2/NDF : 348621.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

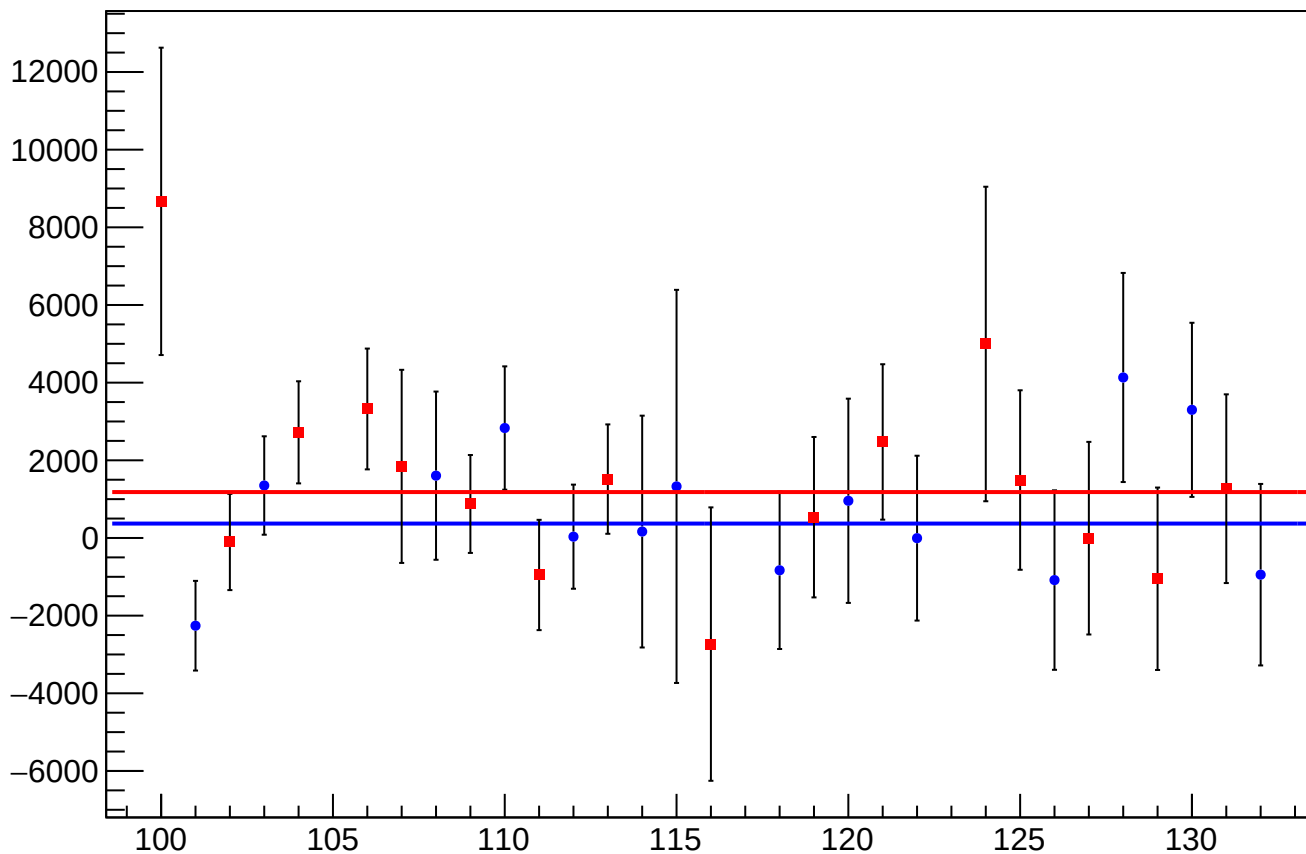
Right: 110.692+/-0.023 χ^2/NDF : 643599.1/29

In: 112.943+/-0.033 χ^2/NDF : 286301.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.692+/-0.023 χ^2/NDF : 643599.1/29

asym_sam_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 370.881+/-499.568 χ^2/NDF : 13.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1182.304+/-455.299 χ^2/NDF : 14.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

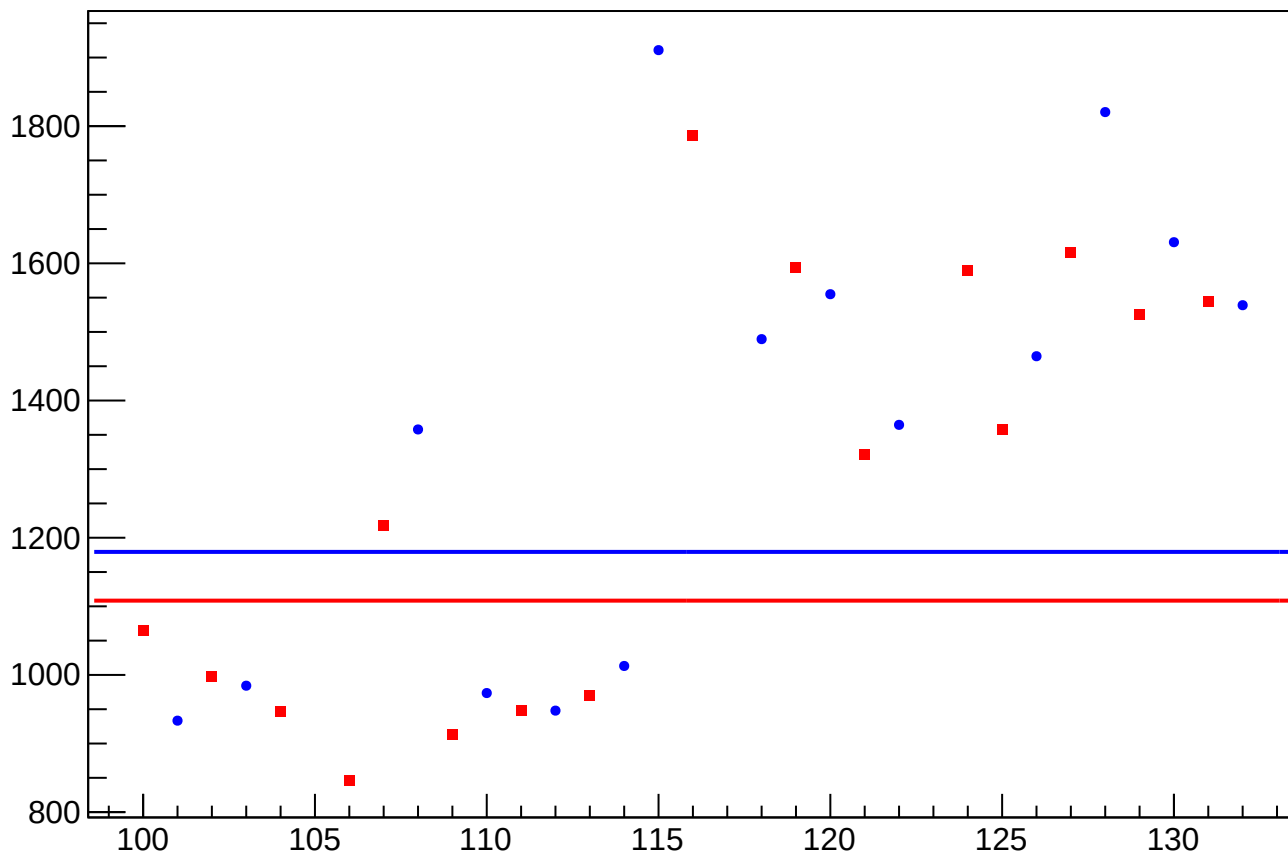
Right: 814.130+/-336.509 χ^2/NDF : 29.0/29

In: 370.881+/-499.568 χ^2/NDF : 13.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 814.130+/-336.509 χ^2/NDF : 29.0/29

asym_sam_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1179.349+/-0.353 χ^2/NDF : 667998.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1108.297+/-0.322 χ^2/NDF : 668831.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

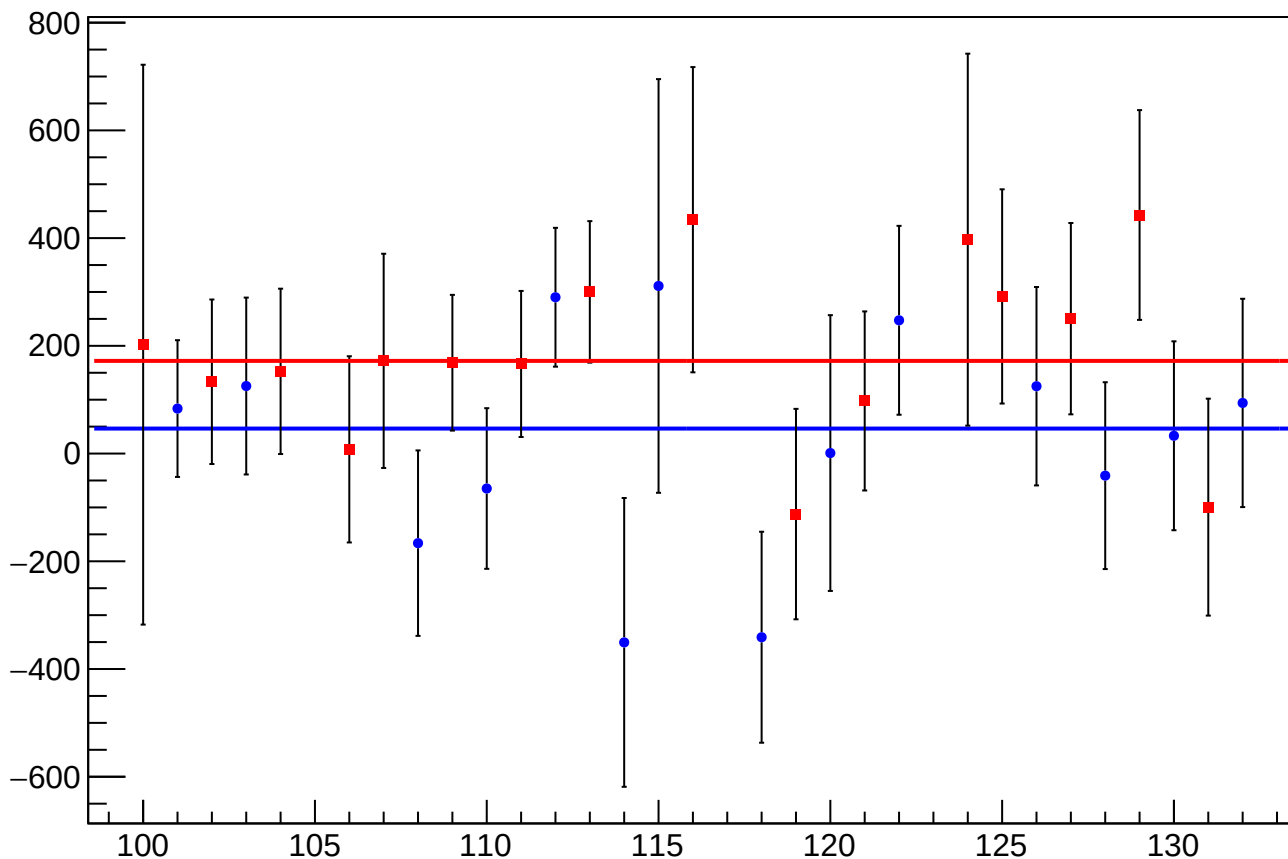
Right: 1140.536+/-0.238 χ^2/NDF : 1358930.8/29

In: 1179.349+/-0.353 χ^2/NDF : 667998.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1140.536+/-0.238 χ^2/NDF : 1358930.8/29

cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 46.402 $\pm$ 46.901 χ^2 /NDF: 14.4/13

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 172.039 $\pm$ -44.091 χ^2 /NDF: 9.9/15

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

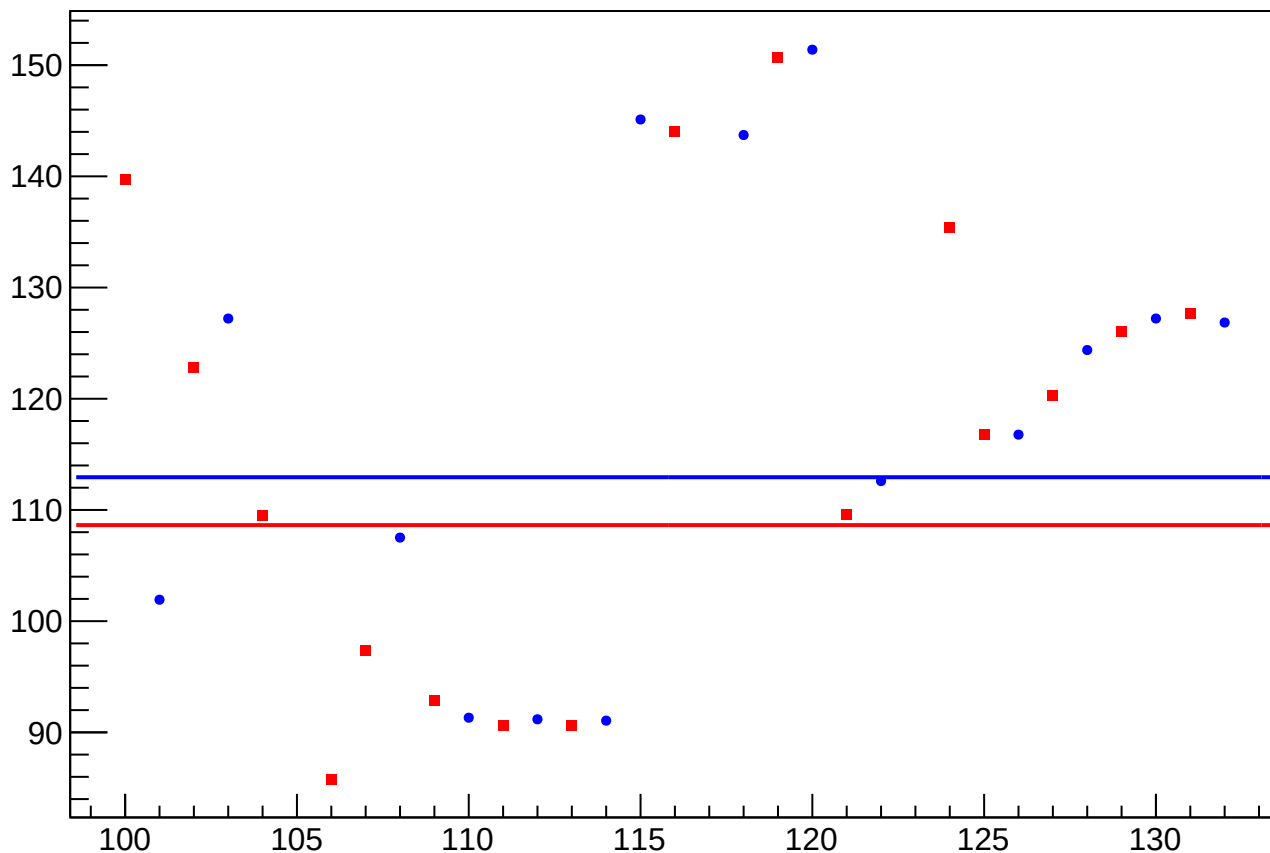
Right: 113.096 $\pm$ -32.125 χ^2 /NDF: 28.1/29

In: 46.402 $\pm$ -46.901 χ^2 /NDF:14.4/13

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 113.096 $\pm$ -32.125 χ^2 /NDF: 28.1/29

cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 112.943+/-0.033 χ^2/NDF : 286302.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.637+/-0.031 χ^2/NDF : 352026.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

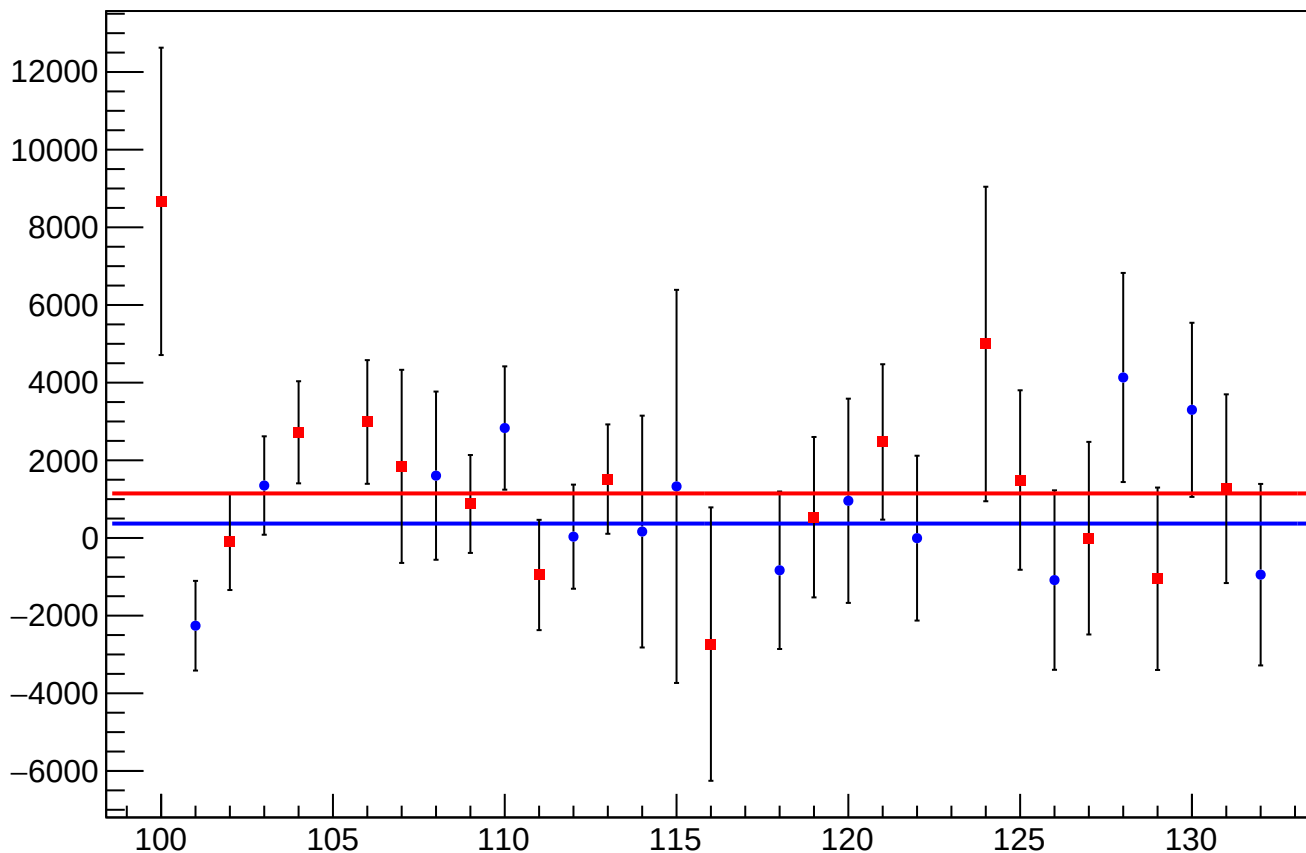
Right: 110.657+/-0.023 χ^2/NDF : 647276.3/29

In: 112.943+/-0.033 χ^2/NDF : 286302.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.657+/-0.023 χ^2/NDF : 647276.3/29

asym_sam_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 370.770+/-499.572 χ^2/NDF : 13.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1146.933+/-456.216 χ^2/NDF : 13.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

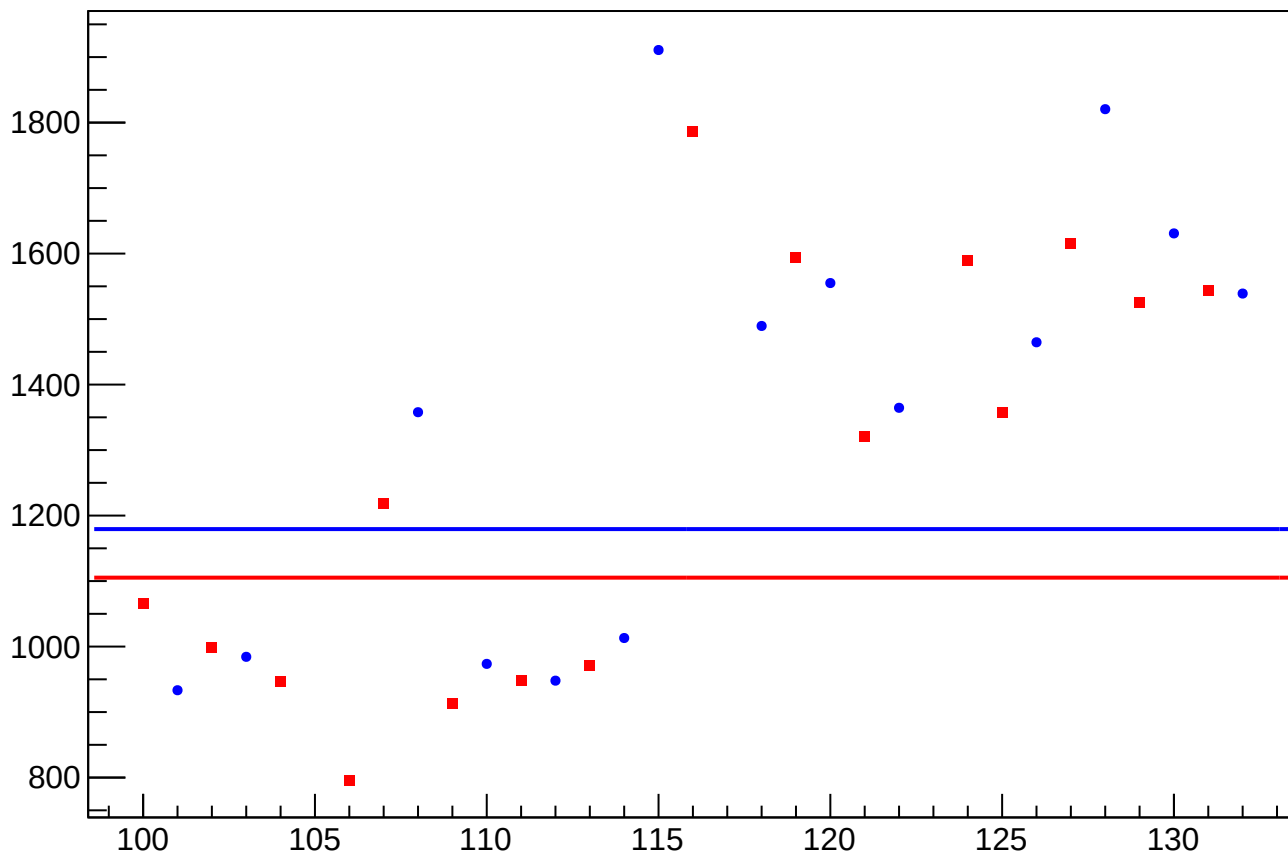
Right: 793.987+/-336.881 χ^2/NDF : 28.3/29

In: 370.770+/-499.572 χ^2/NDF : 13.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 793.987+/-336.881 χ^2/NDF : 28.3/29

asym_sam_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1179.362+/-0.353 χ^2/NDF : 667963.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1105.233+/-0.323 χ^2/NDF : 688912.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

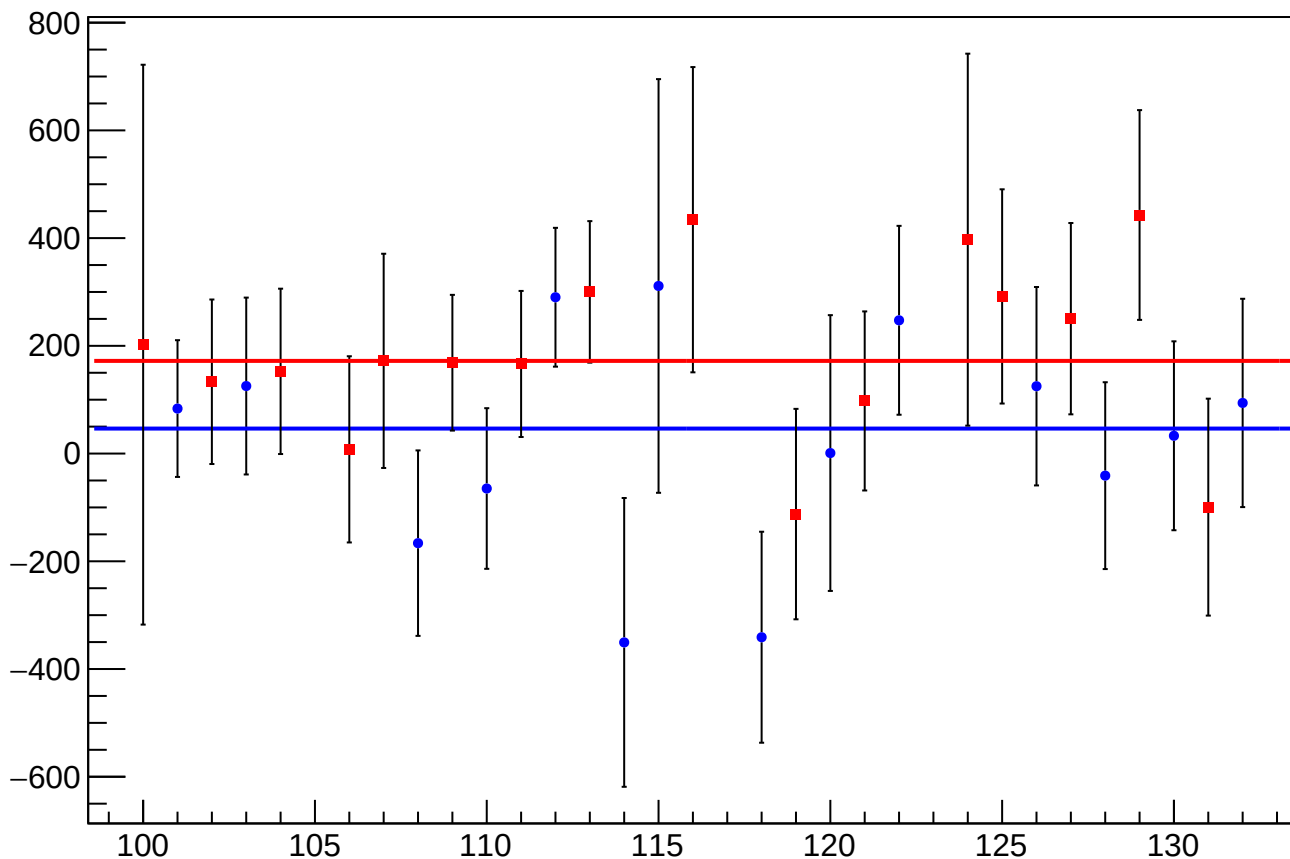
Right: 1138.942+/-0.238 χ^2/NDF : 1380887.7/29

In: 1179.362+/-0.353 χ^2/NDF : 667963.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1138.942+/-0.238 χ^2/NDF : 1380887.7/29

eigen_cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 46.402 $\pm$ 46.901 χ^2 /NDF: 14.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 172.039 $\pm$ 44.091 χ^2 /NDF: 9.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

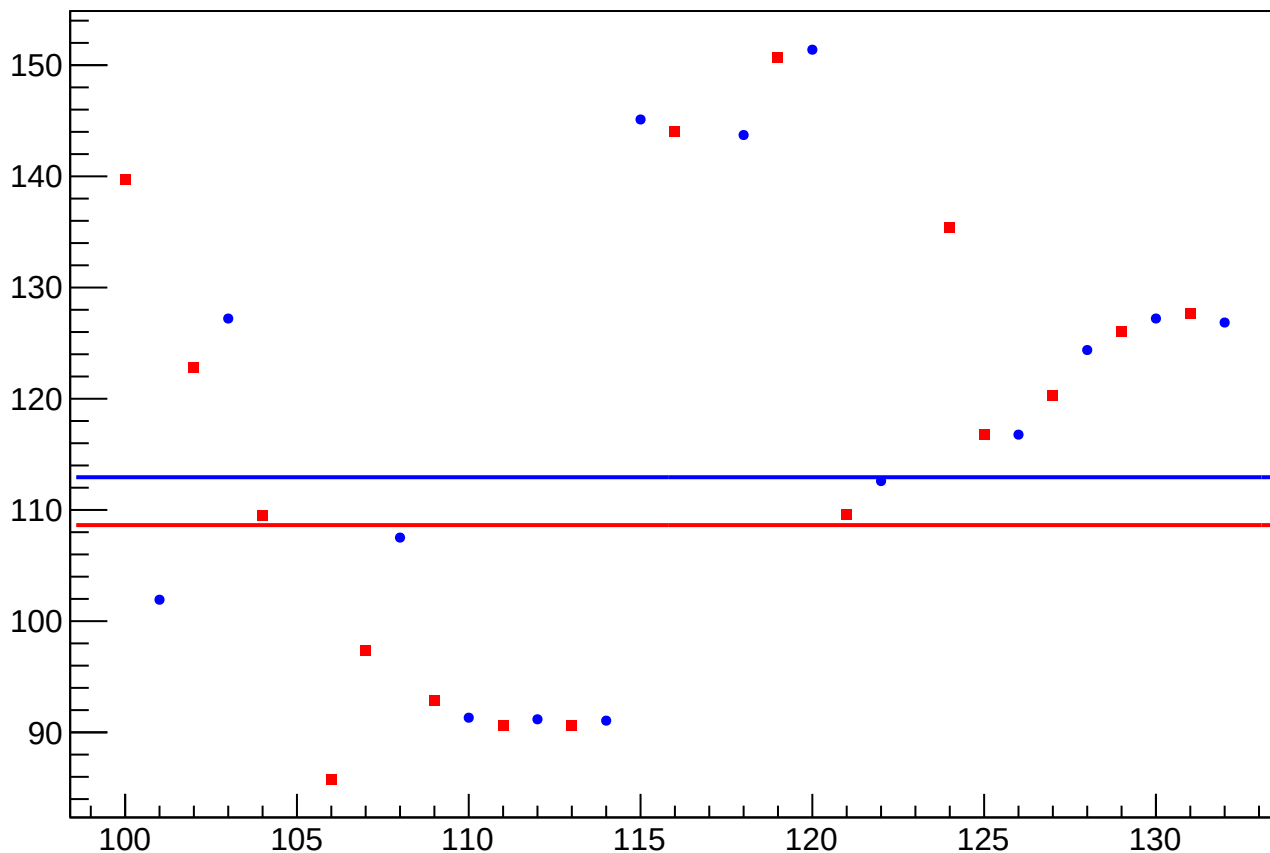
Right: 113.096 $\pm$ 32.125 χ^2 /NDF: 28.1/29

In: 46.402 $\pm$ 46.901 χ^2 /NDF:14.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 113.096 $\pm$ 32.125 χ^2 /NDF: 28.1/29

eigen_cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 112.943+/-0.033 χ^2/NDF : 286302.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.637+/-0.031 χ^2/NDF : 352026.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

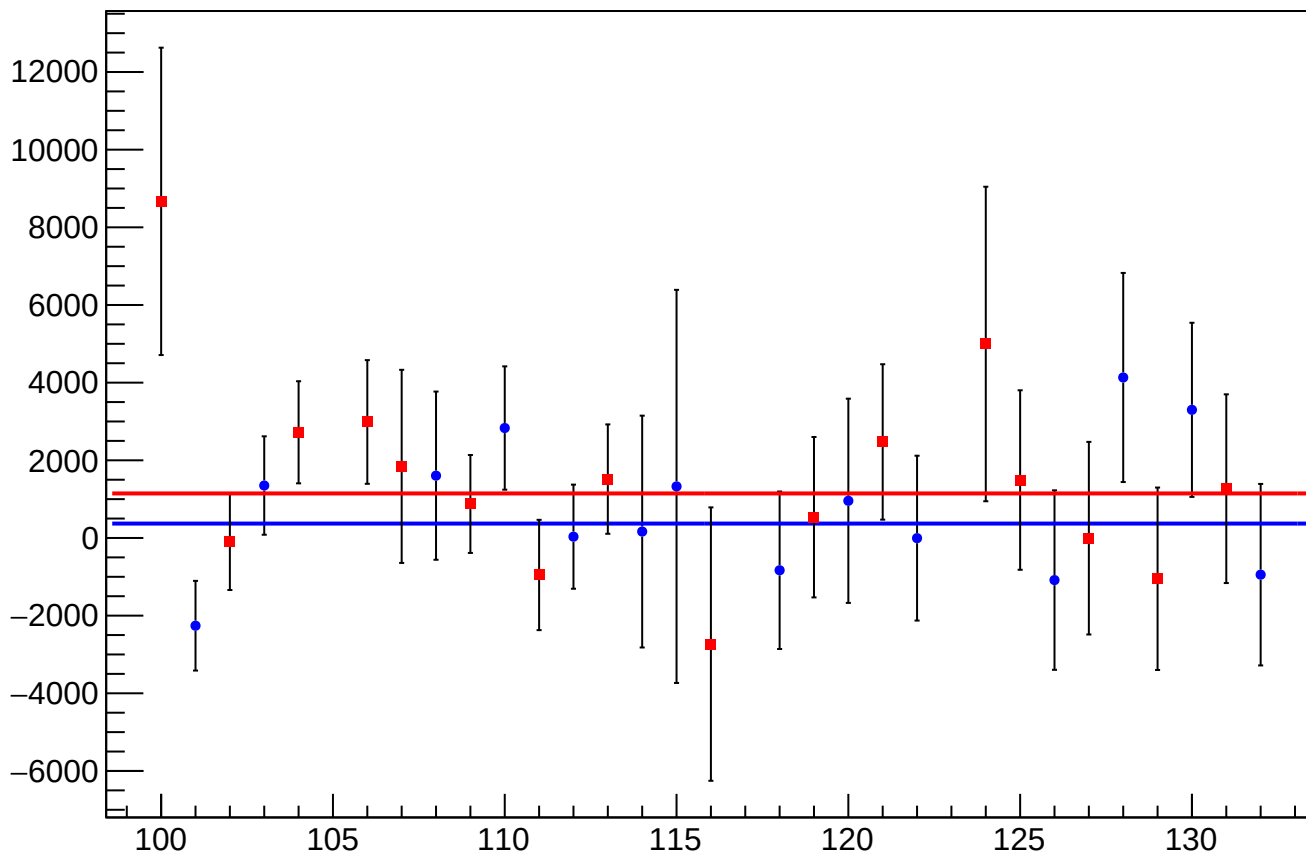
Right: 110.657+/-0.023 χ^2/NDF : 647276.3/29

In: 112.943+/-0.033 χ^2/NDF : 286302.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.657+/-0.023 χ^2/NDF : 647276.3/29

asym_sam_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 370.770+/-499.572 χ^2/NDF : 13.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1146.933+/-456.216 χ^2/NDF : 13.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

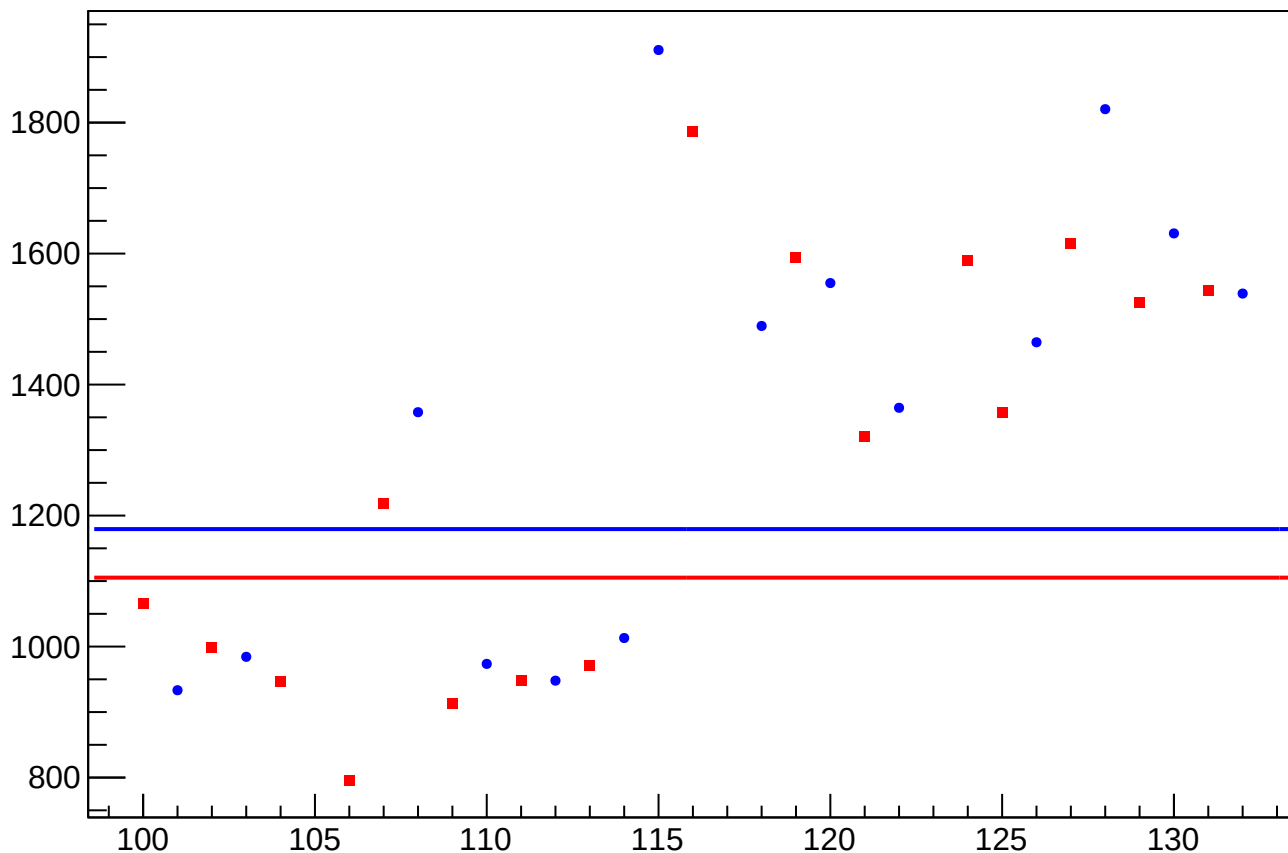
Right: 793.987+/-336.881 χ^2/NDF : 28.3/29

In: 370.770+/-499.572 χ^2/NDF : 13.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 793.987+/-336.881 χ^2/NDF : 28.3/29

asym_sam_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1179.362+/-0.353 χ^2/NDF : 667963.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1105.233+/-0.323 χ^2/NDF : 688912.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

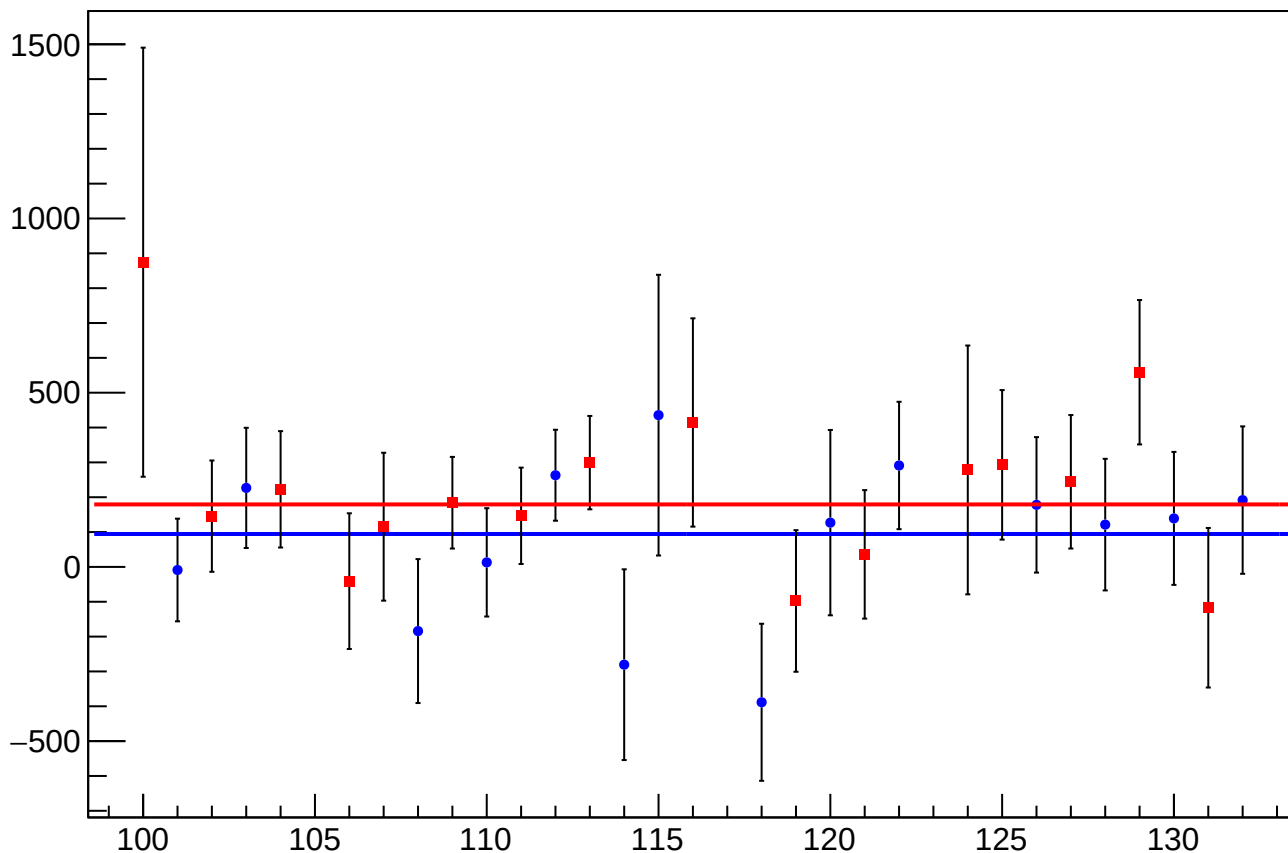
Right: 1138.942+/-0.238 χ^2/NDF : 1380887.7/29

In: 1179.362+/-0.353 χ^2/NDF : 667963.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1138.942+/-0.238 χ^2/NDF : 1380887.7/29

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 94.440 $\pm$ 50.586 χ^2 /NDF: 13.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 179.341 $\pm$ 46.826 χ^2 /NDF: 12.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

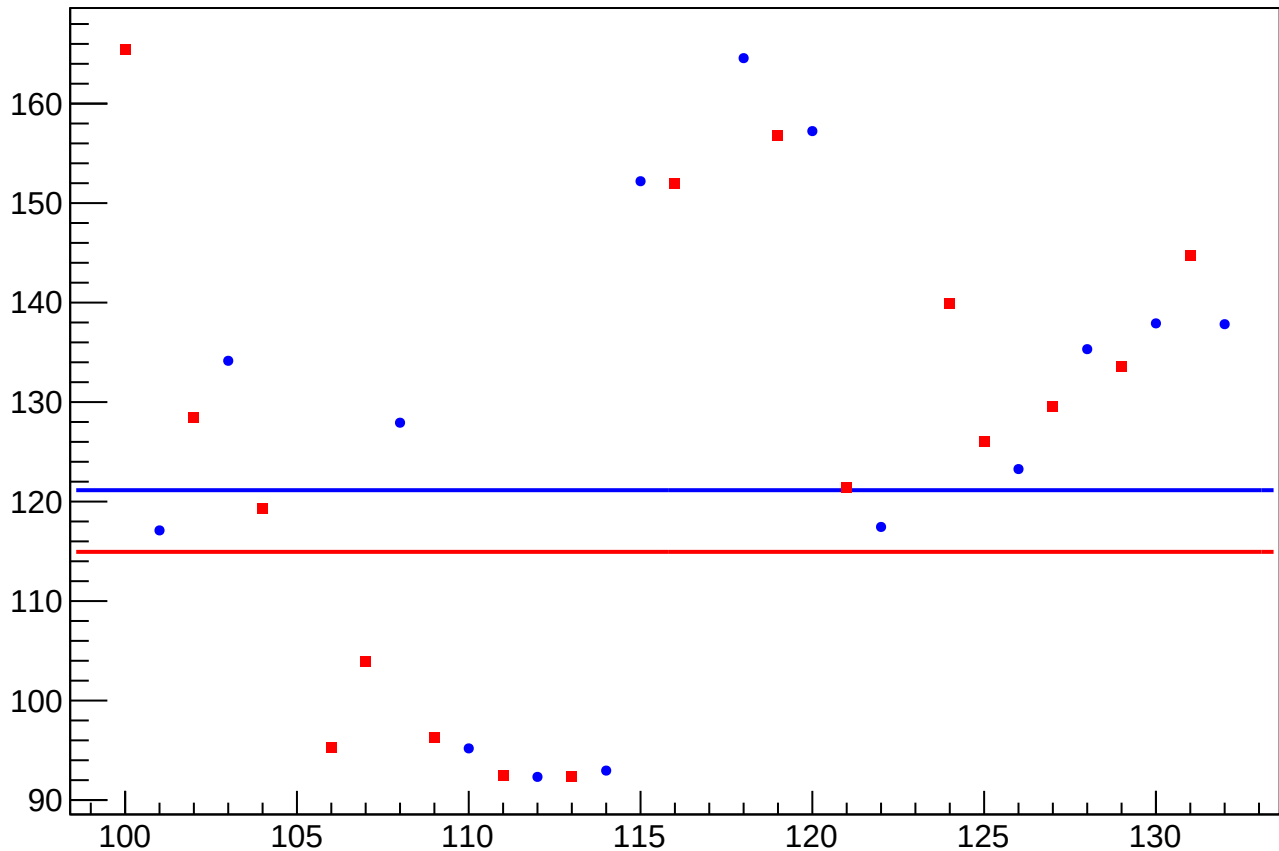
Right: 140.163 $\pm$ 34.364 χ^2 /NDF: 27.4/29

In: 94.440 $\pm$ 50.586 χ^2 /NDF:13.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 140.163 $\pm$ 34.364 χ^2 /NDF: 27.4/29

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 121.144+/-0.036 χ^2/NDF : 352687.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.946+/-0.033 χ^2/NDF : 399773.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

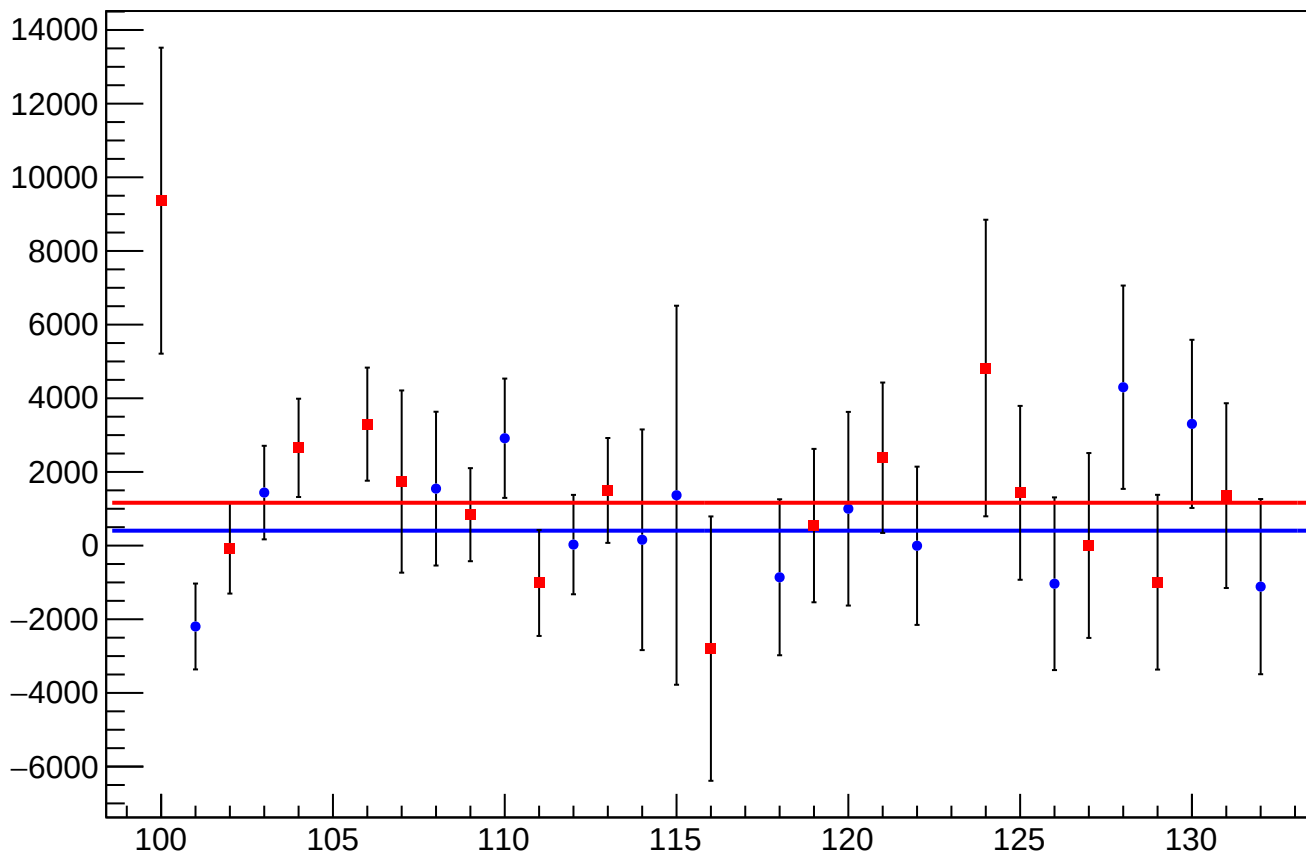
Right: 117.806+/-0.024 χ^2/NDF : 768632.2/29

In: 121.144+/-0.036 χ^2/NDF : 352687.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.806+/-0.024 χ^2/NDF : 768632.2/29

asym_sam_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 405.044 $\pm$ 504.380 χ^2 /NDF: 13.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1163.293 $\pm$ 458.973 χ^2 /NDF: 14.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

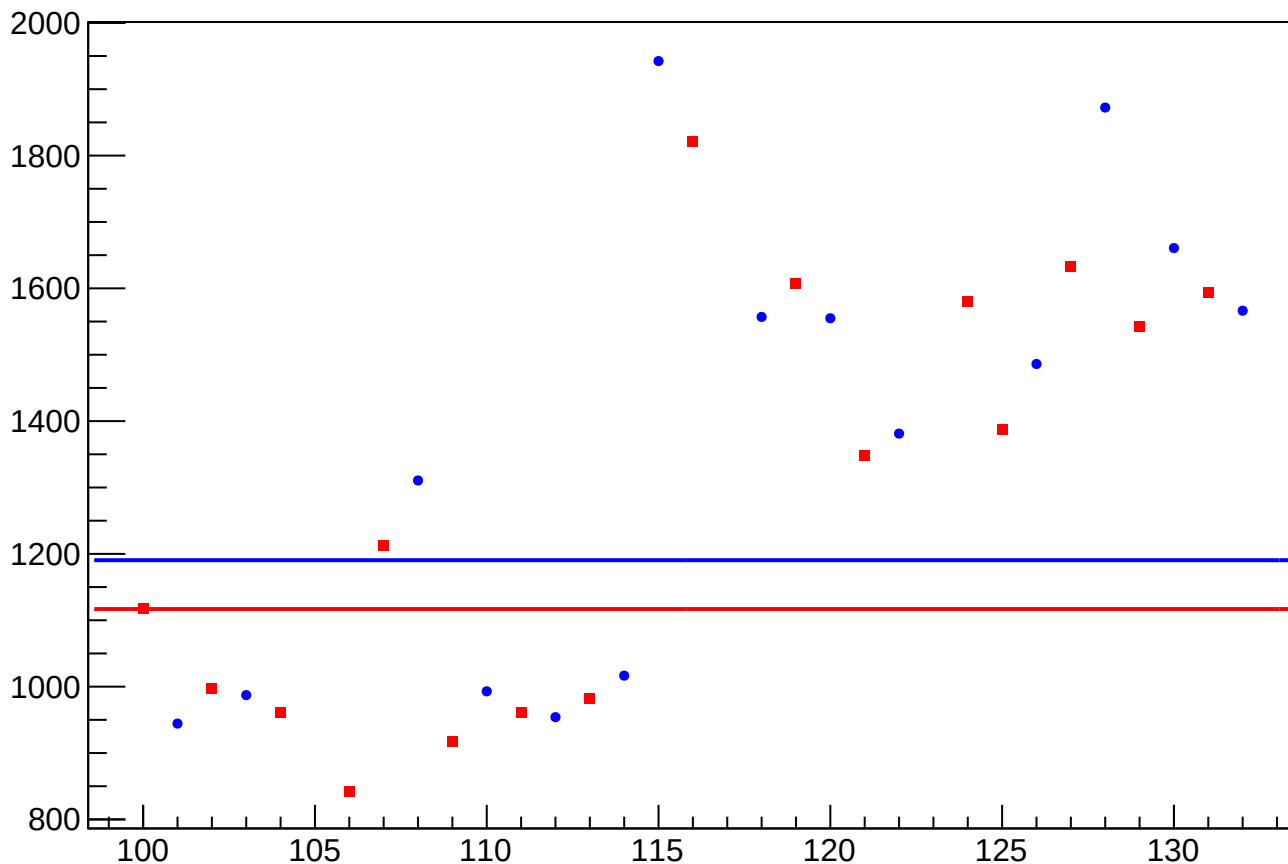
Right: 819.829 $\pm$ 339.463 χ^2 /NDF: 28.6/29

In: 405.044 $\pm$ 504.380 χ^2 /NDF:13.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 819.829 $\pm$ 339.463 χ^2 /NDF: 28.6/29

asym_sam_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1190.479+/-0.357 χ^2/NDF : 690188.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1116.918+/-0.325 χ^2/NDF : 691447.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

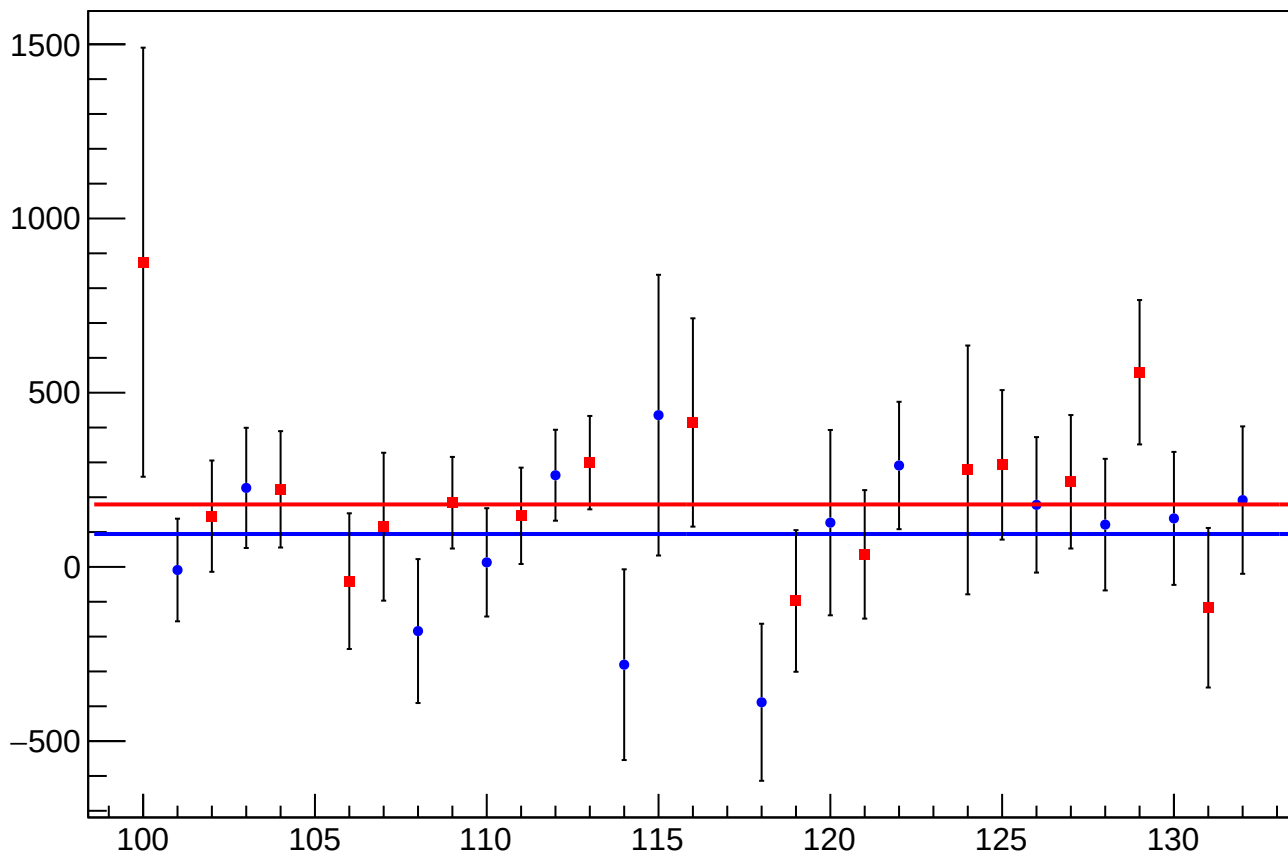
Right: 1150.239+/-0.240 χ^2/NDF : 1404907.4/29

In: 1190.479+/-0.357 χ^2/NDF : 690188.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1150.239+/-0.240 χ^2/NDF : 1404907.4/29

eigen_dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 94.440 $\pm$ 50.586 χ^2 /NDF: 13.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 179.341 $\pm$ 46.826 χ^2 /NDF: 12.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

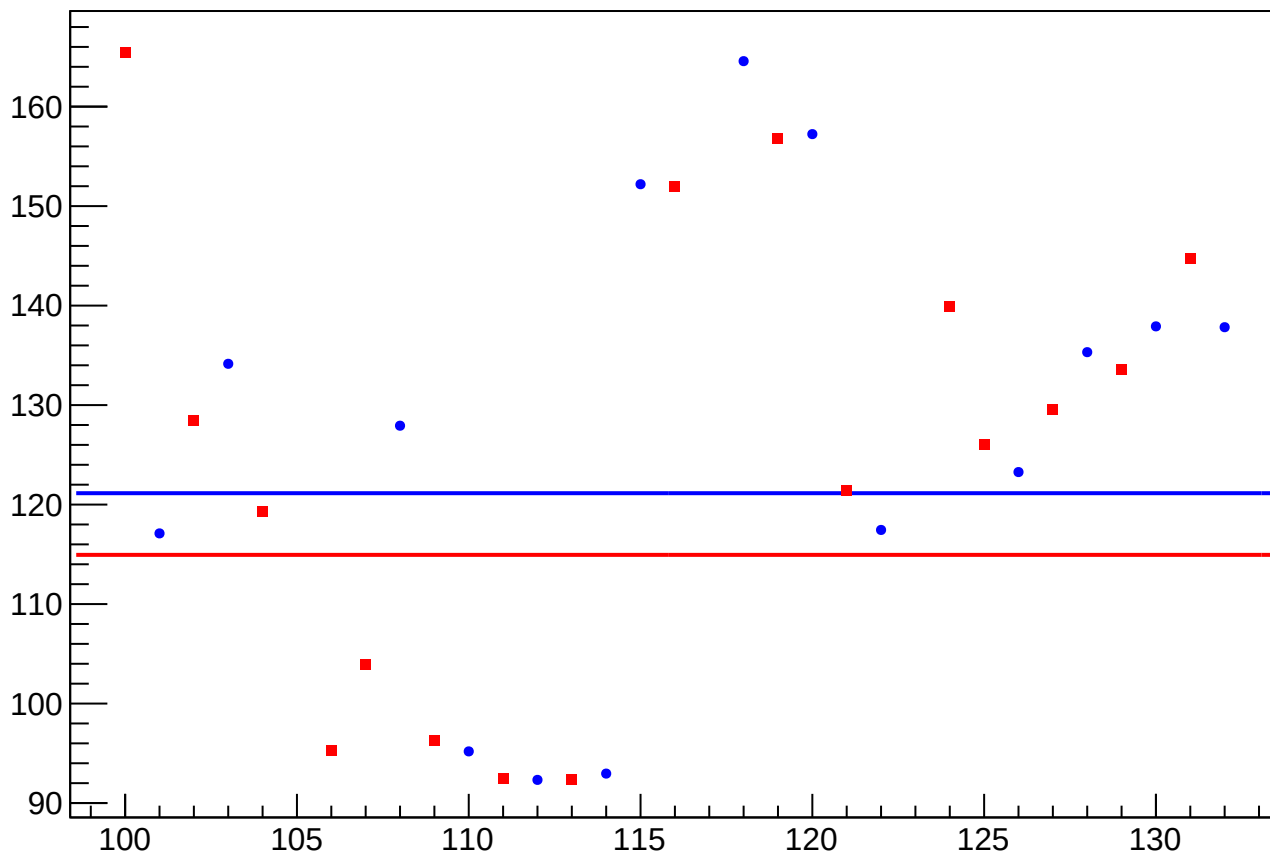
Right: 140.163 $\pm$ 34.364 χ^2 /NDF: 27.4/29

In: 94.440 $\pm$ 50.586 χ^2 /NDF:13.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 140.163 $\pm$ 34.364 χ^2 /NDF: 27.4/29

eigen_dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 121.144 $\pm$ 0.036 χ^2 /NDF: 352691.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 114.946 $\pm$ 0.033 χ^2 /NDF: 399777.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

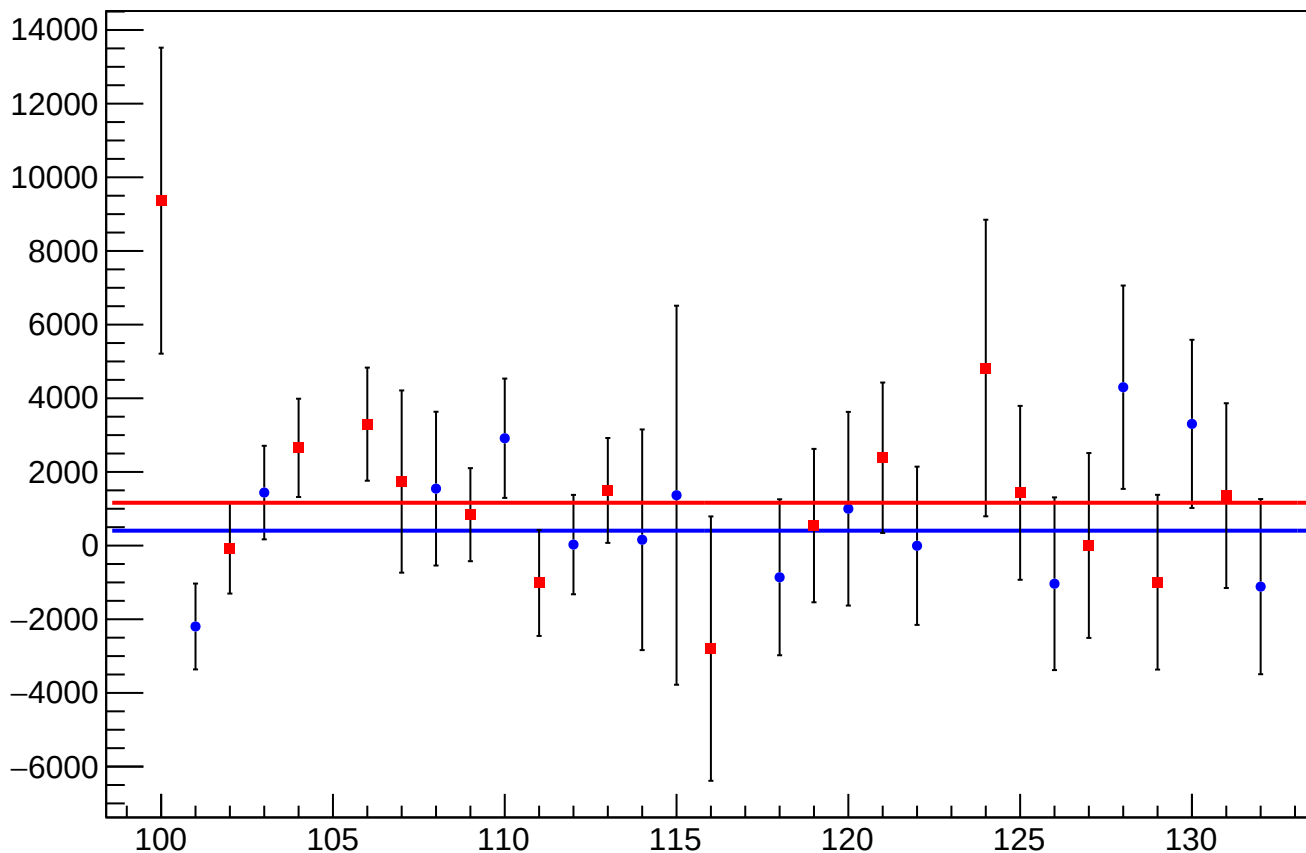
Right: 117.806 $\pm$ 0.024 χ^2 /NDF: 768640.7/29

In: 121.144 $\pm$ 0.036 χ^2 /NDF:352691.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 117.806 $\pm$ 0.024 χ^2 /NDF: 768640.7/29

asym_sam_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 405.044+/-504.380 χ^2/NDF : 13.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1163.293+/-458.973 χ^2/NDF : 14.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

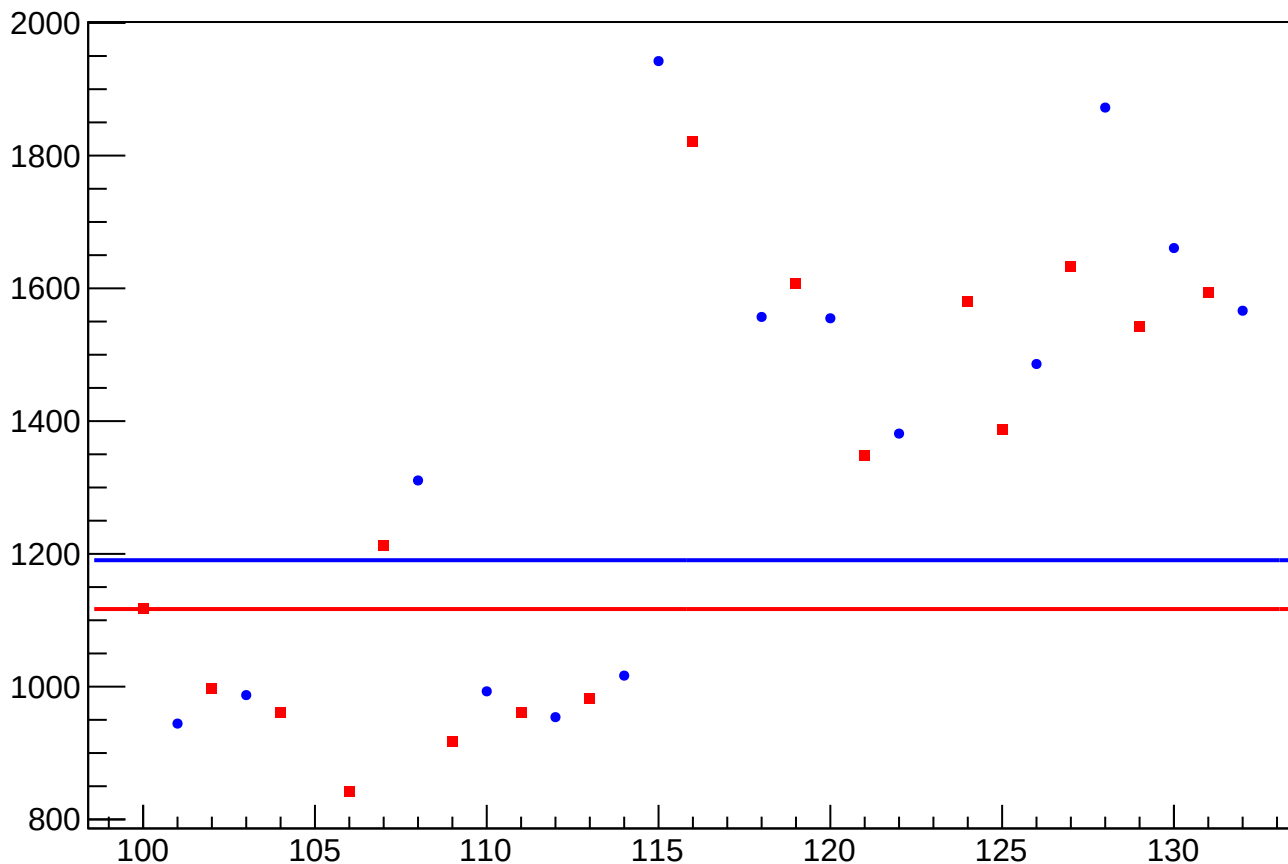
Right: 819.829+/-339.463 χ^2/NDF : 28.6/29

In: 405.044+/-504.380 χ^2/NDF : 13.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 819.829+/-339.463 χ^2/NDF : 28.6/29

asym_sam_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1190.480+/-0.357 χ^2/NDF : 690189.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1116.918+/-0.325 χ^2/NDF : 691449.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

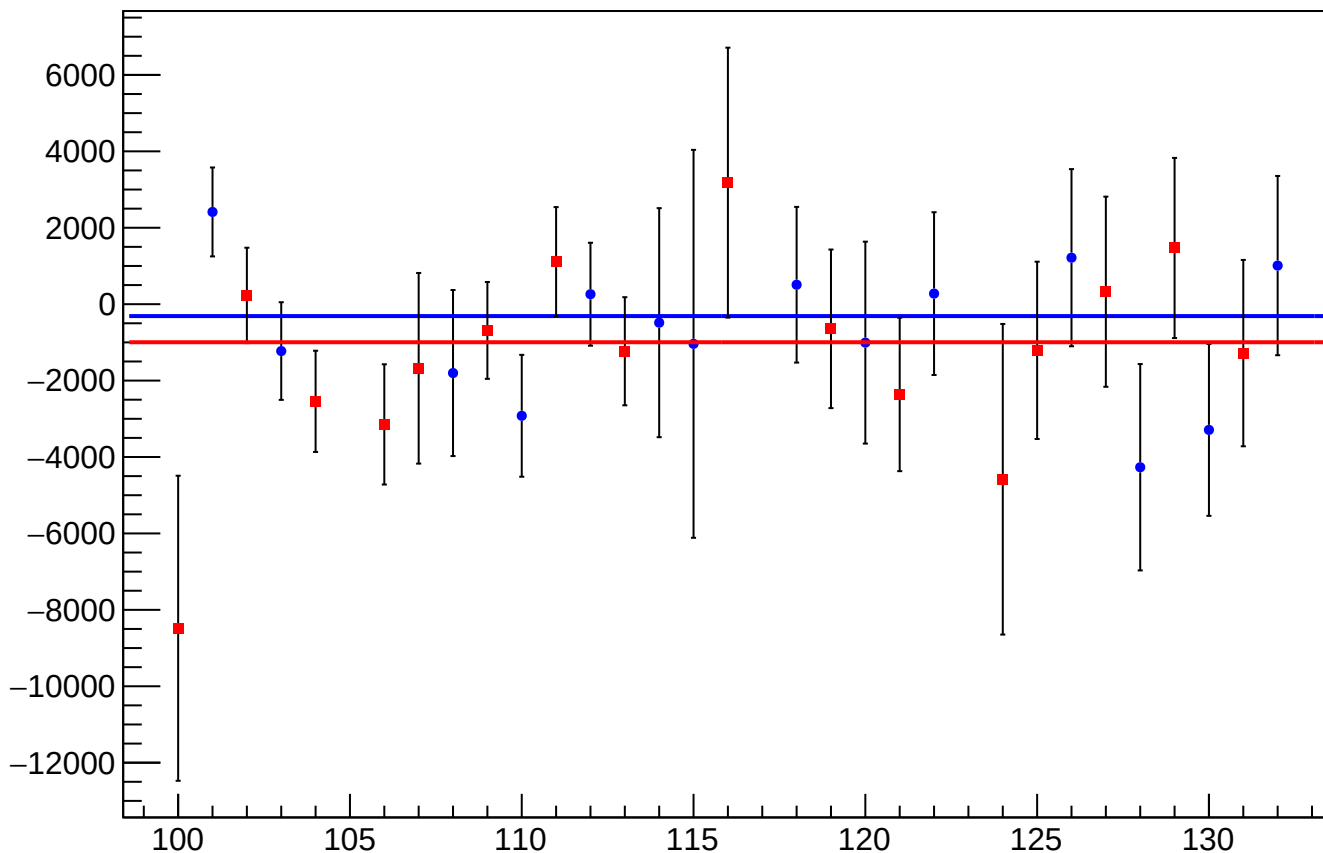
Right: 1150.239+/-0.240 χ^2/NDF : 1404910.6/29

In: 1190.480+/-0.357 χ^2/NDF : 690189.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1150.239+/-0.240 χ^2/NDF : 1404910.6/29

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: -311.704+/-502.257 χ^2/NDF : 14.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -996.370+/-457.910 χ^2/NDF : 14.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

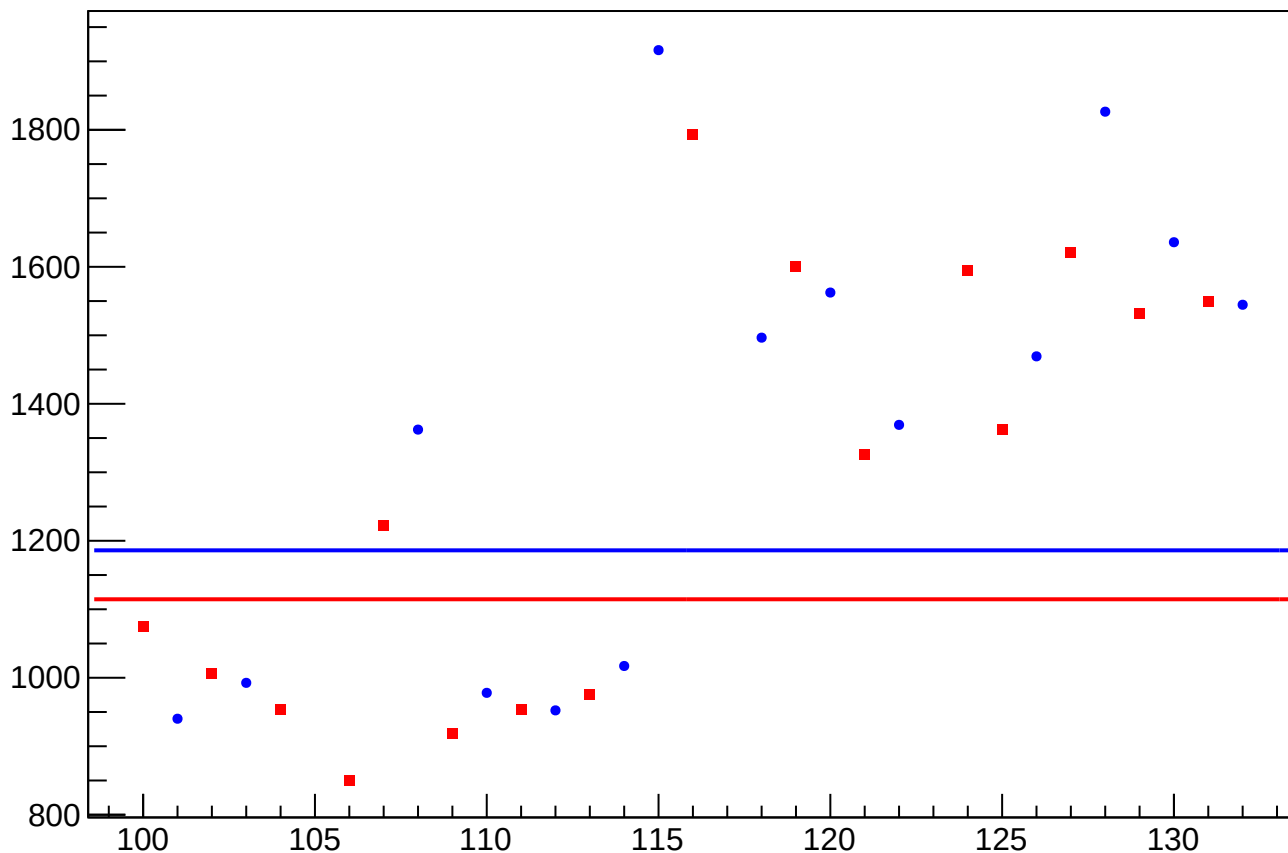
Right: -685.593+/-338.385 χ^2/NDF : 29.5/29

In: -311.704+/-502.257 χ^2/NDF : 14.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -685.593+/-338.385 χ^2/NDF : 29.5/29

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1186.047+/-0.355 χ^2/NDF : 661158.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1114.582+/-0.324 χ^2/NDF : 663430.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

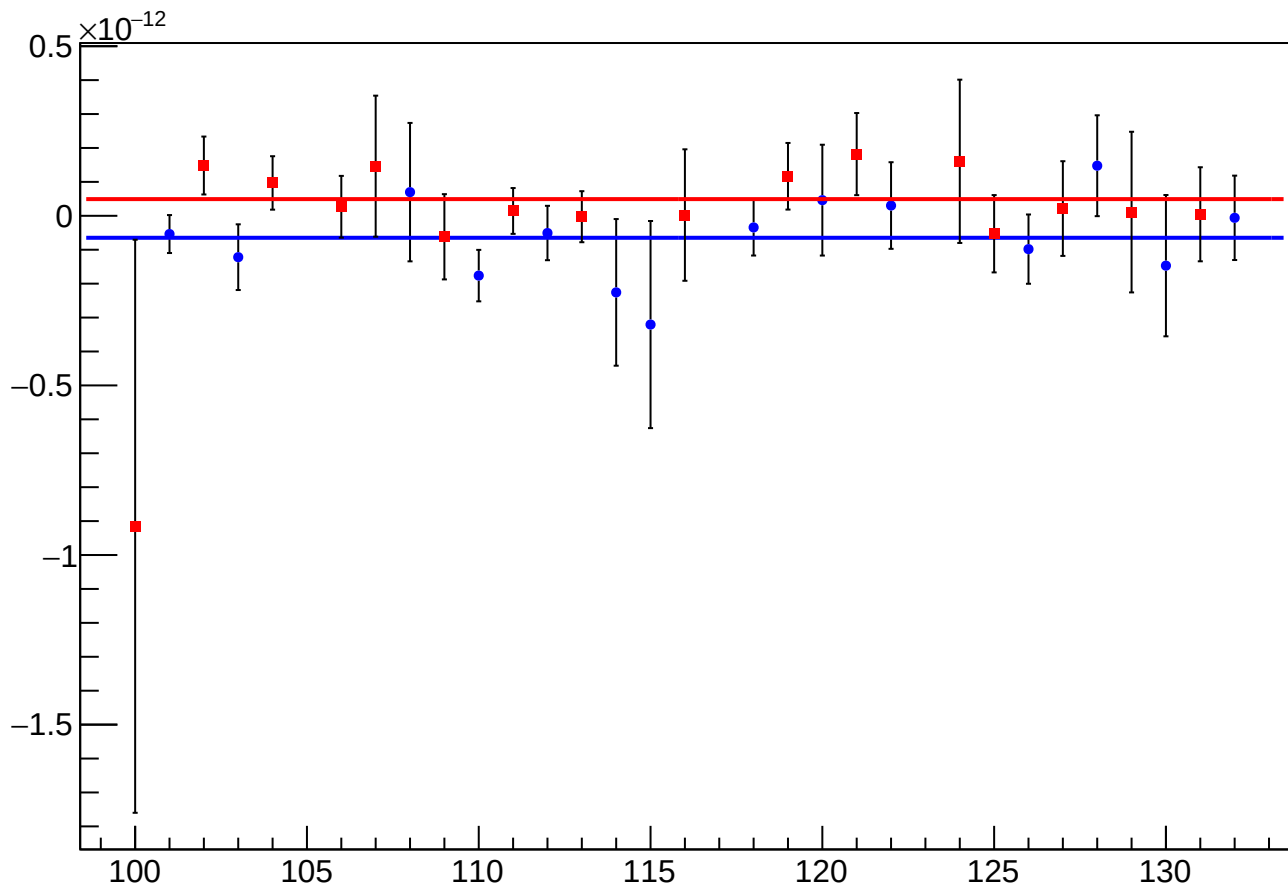
Right: 1147.021+/-0.239 χ^2/NDF : 1346700.7/29

In: 1186.047+/-0.355 χ^2/NDF : 661158.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1147.021+/-0.239 χ^2/NDF : 1346700.7/29

asym_sam_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

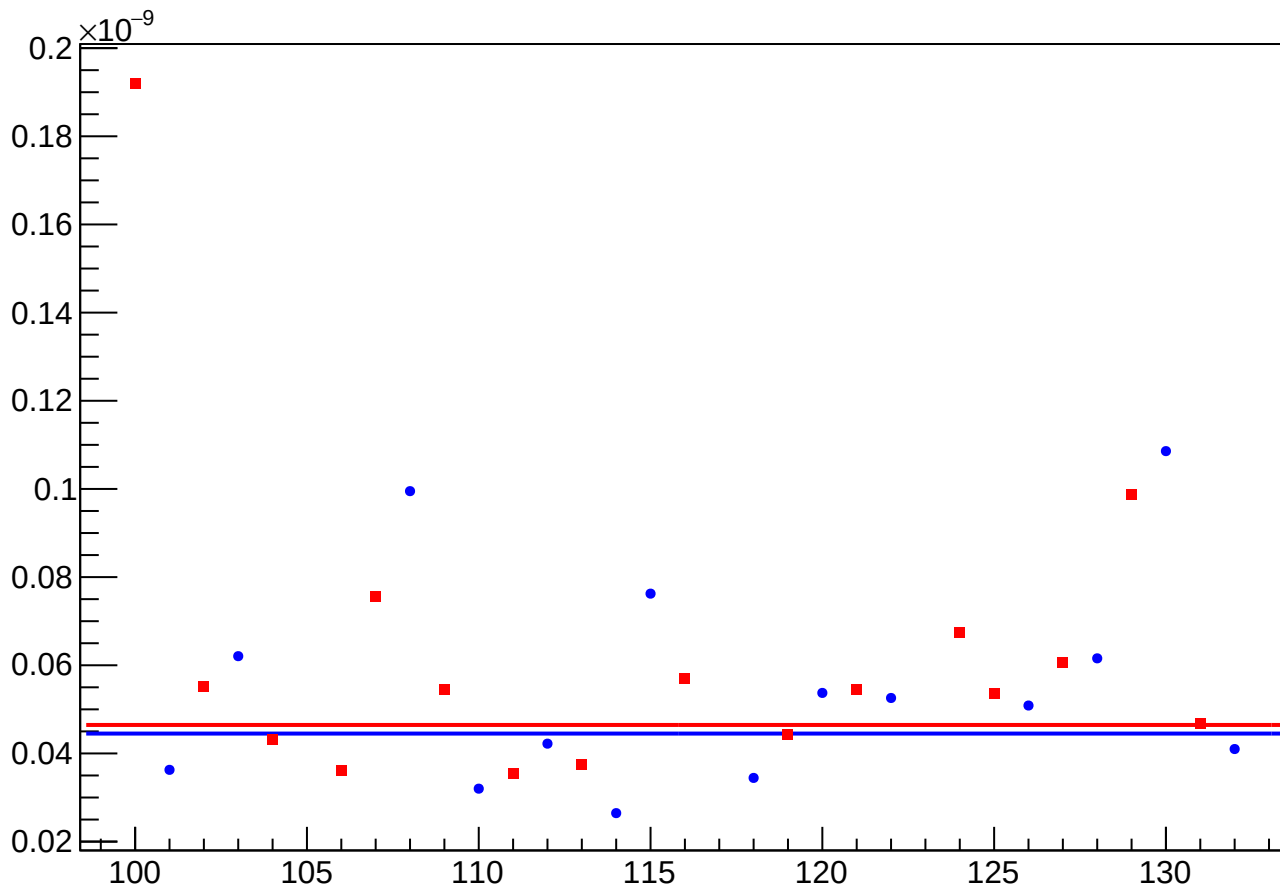
Right: -0.000+/-0.000 χ^2/NDF : 24.1/29

In: -0.000+/-0.000 χ^2/NDF : 7.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.1/29

asym_sam_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 614541.6/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 395059.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

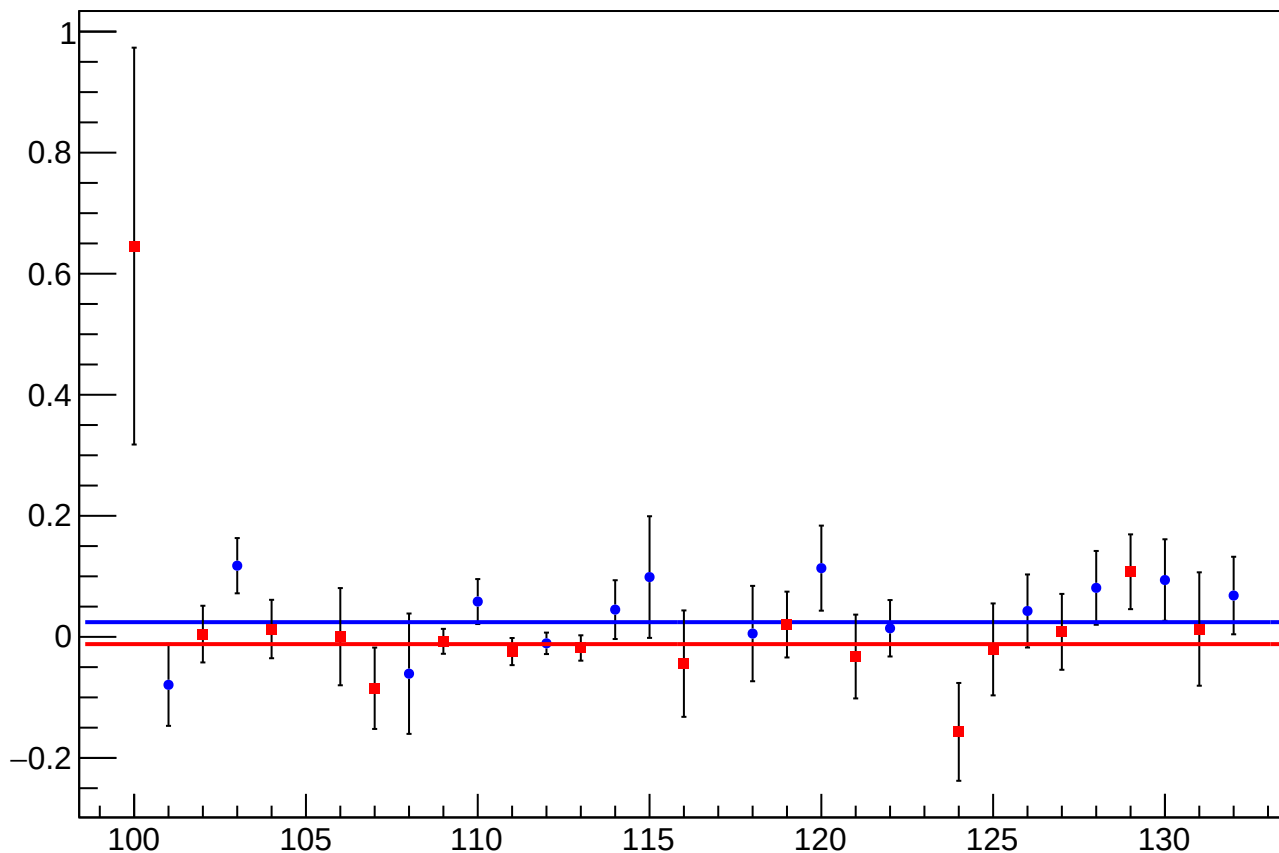
Right: 0.000+/-0.000 χ^2/NDF : 1014572.4/29

In: 0.000+/-0.000 χ^2/NDF :614541.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1014572.4/29

asym_sam_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.024 $\pm$ 0.012 χ^2 /NDF: 16.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.012 $\pm$ 0.010 χ^2 /NDF: 13.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

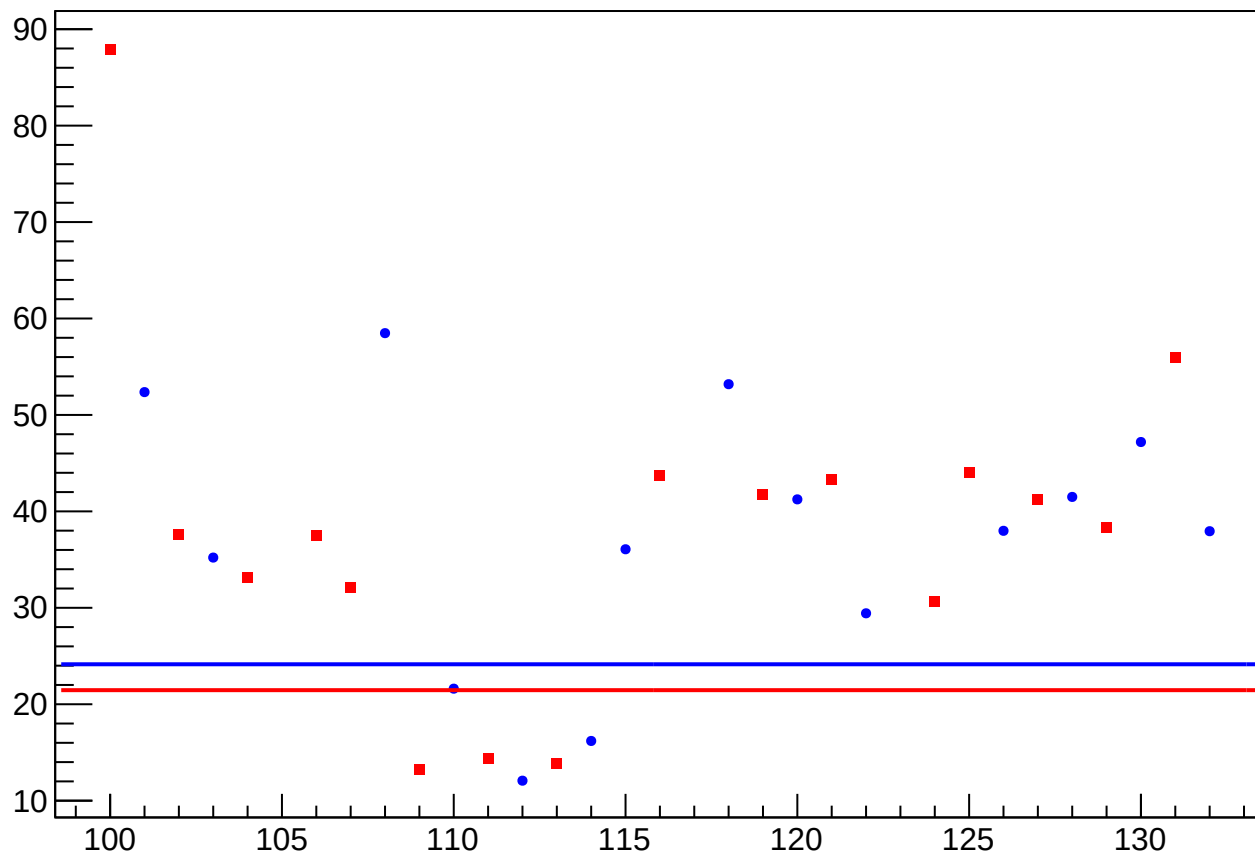
Right: 0.003 $\pm$ 0.008 χ^2 /NDF: 36.1/29

In: 0.024 $\pm$ 0.012 χ^2 /NDF:16.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.008 χ^2 /NDF: 36.1/29

asym_sam_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.145+/-0.008 χ^2/NDF : 2731069.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 21.460+/-0.007 χ^2/NDF : 2775880.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

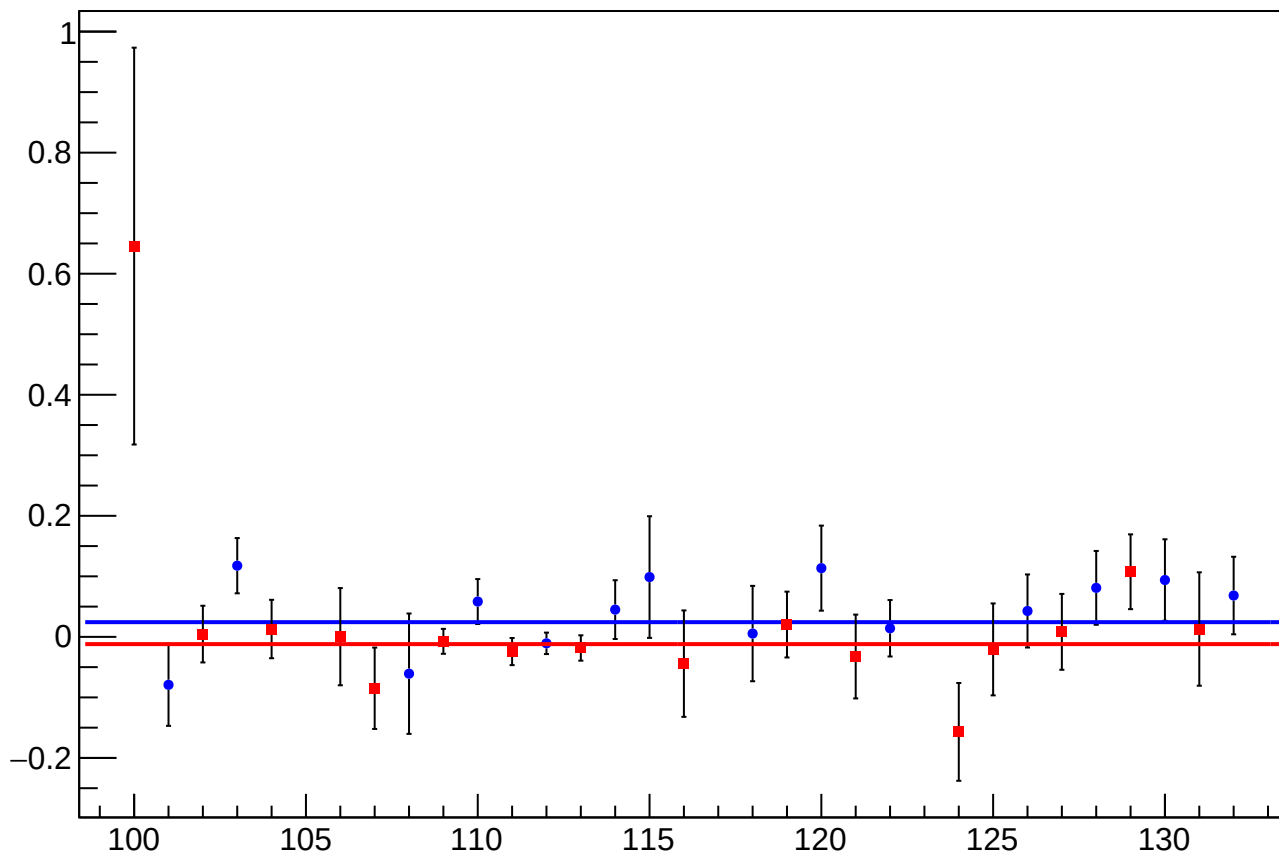
Right: 22.602+/-0.005 χ^2/NDF : 5565403.9/29

In: 24.145+/-0.008 χ^2/NDF :2731069.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 22.602+/-0.005 χ^2/NDF : 5565403.9/29

asym_sam_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.024 $\pm$ 0.012 χ^2 /NDF: 16.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.012 $\pm$ 0.010 χ^2 /NDF: 13.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

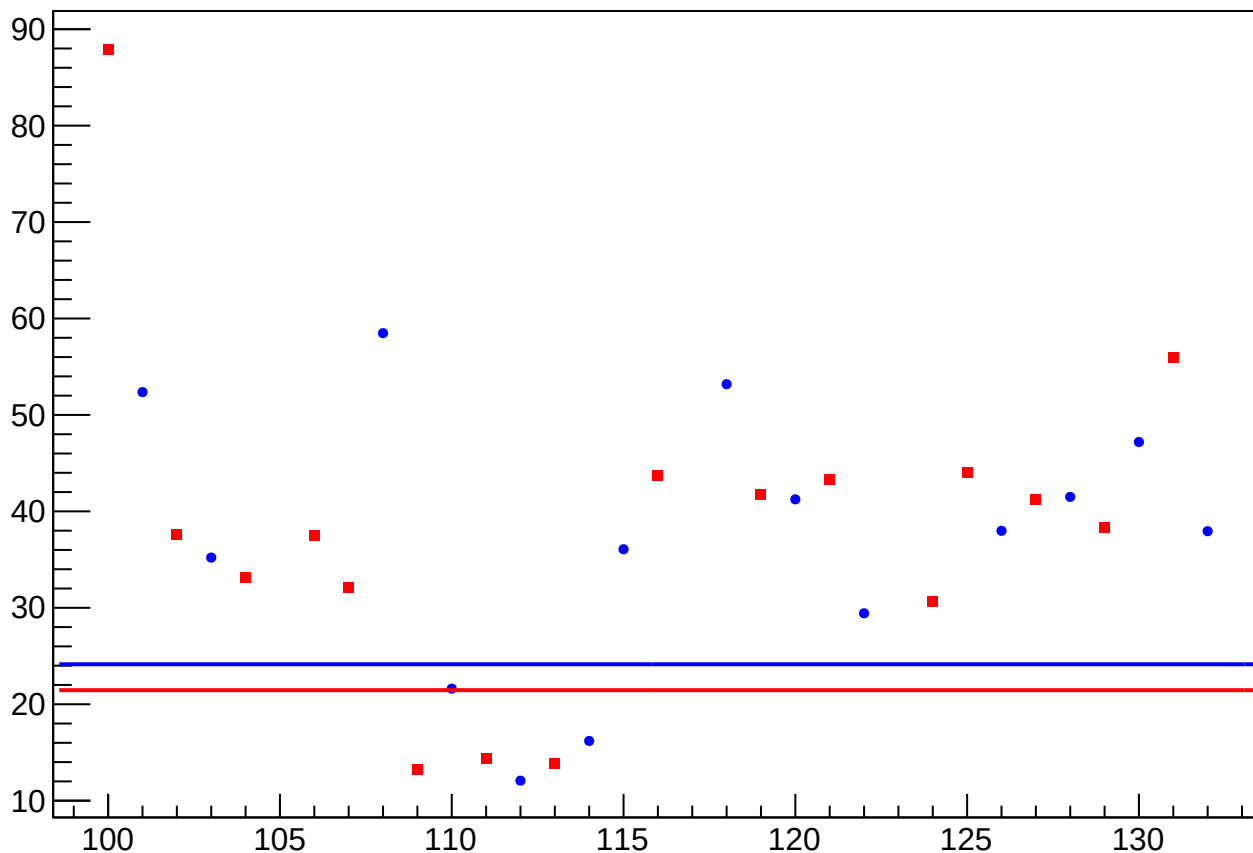
Right: 0.003 $\pm$ 0.008 χ^2 /NDF: 36.1/29

In: 0.024 $\pm$ 0.012 χ^2 /NDF:16.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.008 χ^2 /NDF: 36.1/29

asym_sam_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.145+/-0.008 χ^2/NDF : 2731069.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.460+/-0.007 χ^2/NDF : 2775880.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

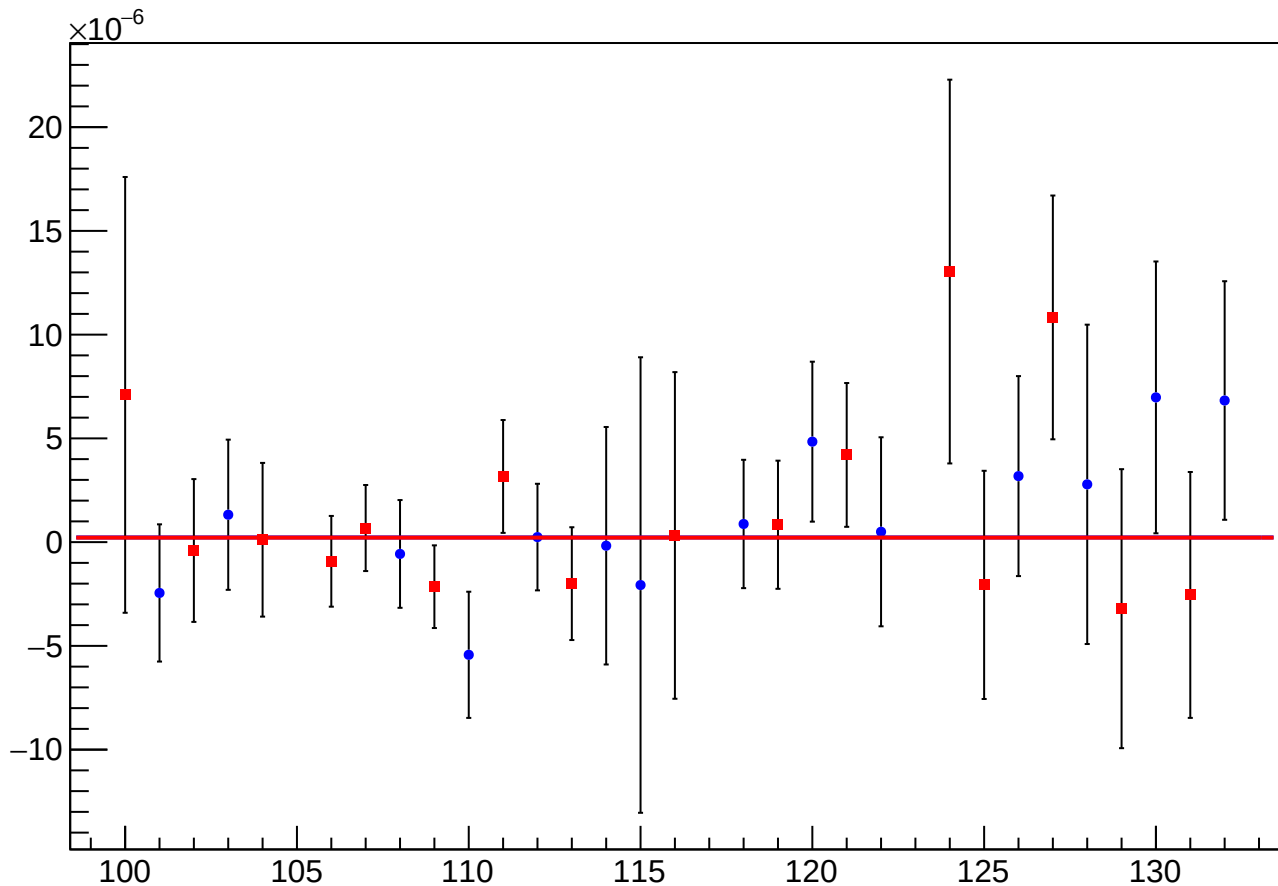
Right: 22.602+/-0.005 χ^2/NDF : 5565403.9/29

In: 24.145+/-0.008 χ^2/NDF : 2731069.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.602+/-0.005 χ^2/NDF : 5565403.9/29

asym_sam_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

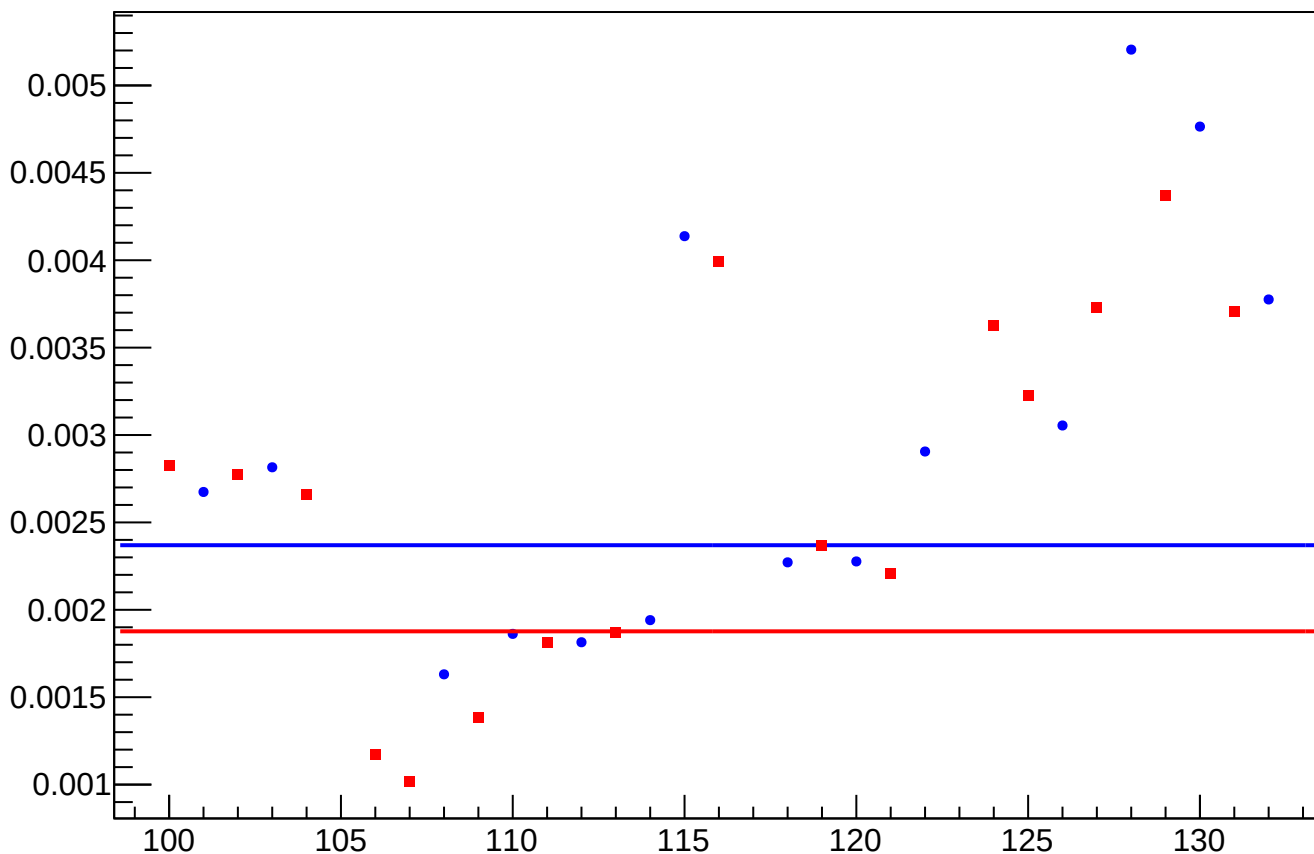
Right: 0.000+/-0.000 χ^2/NDF : 19.9/29

In: 0.000+/-0.000 χ^2/NDF : 8.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.9/29

asym_sam_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1151161.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1987368.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

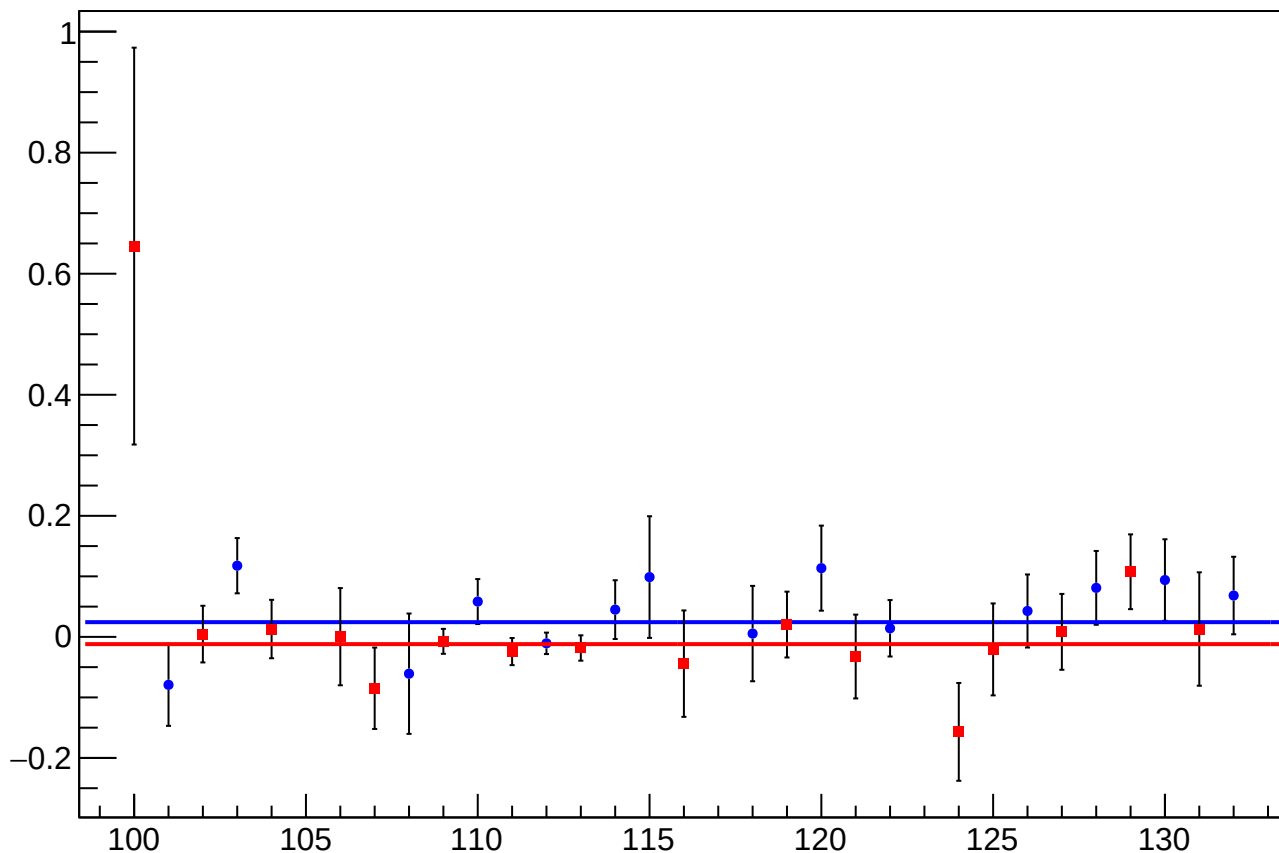
Right: 0.002+/-0.000 χ^2/NDF : 3417634.7/29

In: 0.002+/-0.000 χ^2/NDF :1151161.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3417634.7/29

asym_sam_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.024+/-0.012 χ^2/NDF : 16.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-0.010 χ^2/NDF : 13.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

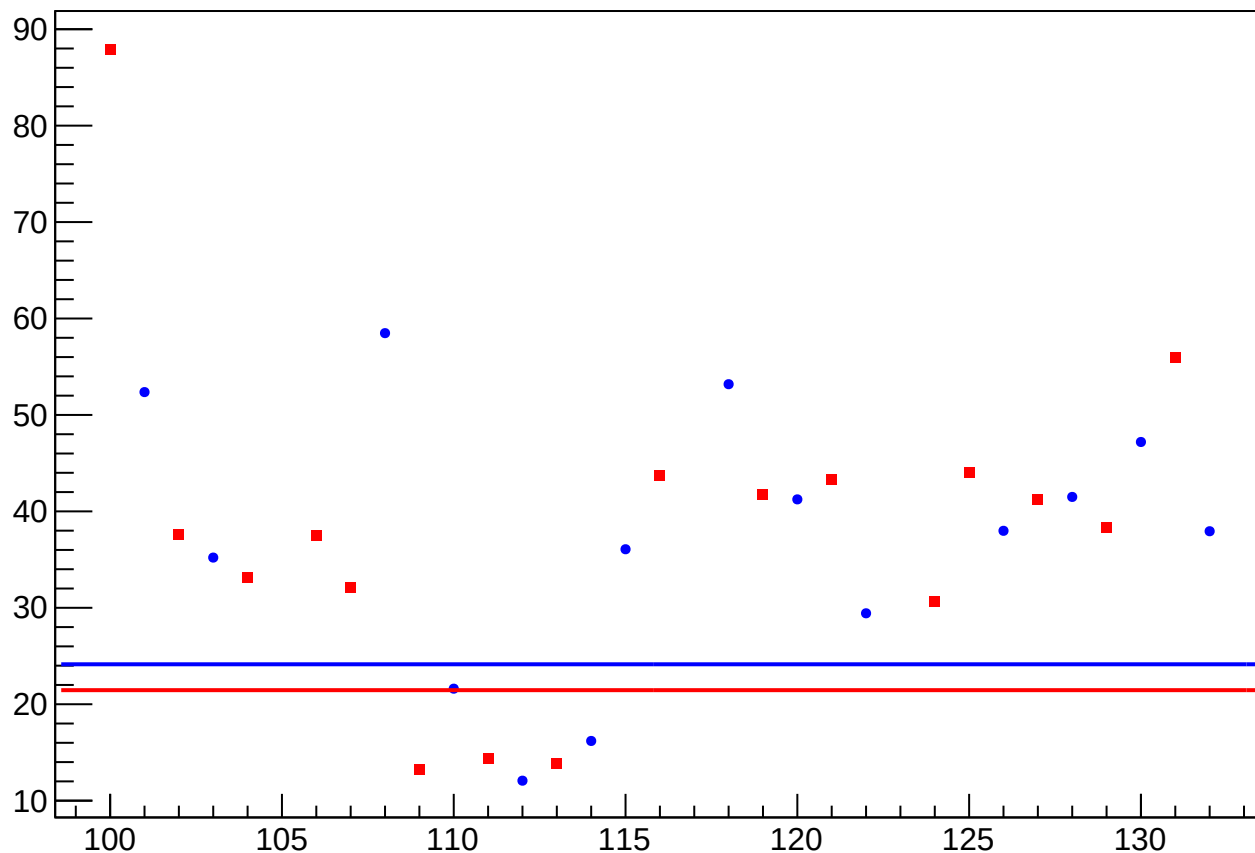
Right: 0.003+/-0.008 χ^2/NDF : 36.1/29

In: 0.024+/-0.012 χ^2/NDF : 16.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.008 χ^2/NDF : 36.1/29

asym_sam_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.143+/-0.008 χ^2/NDF : 2731419.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.460+/-0.007 χ^2/NDF : 2775970.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

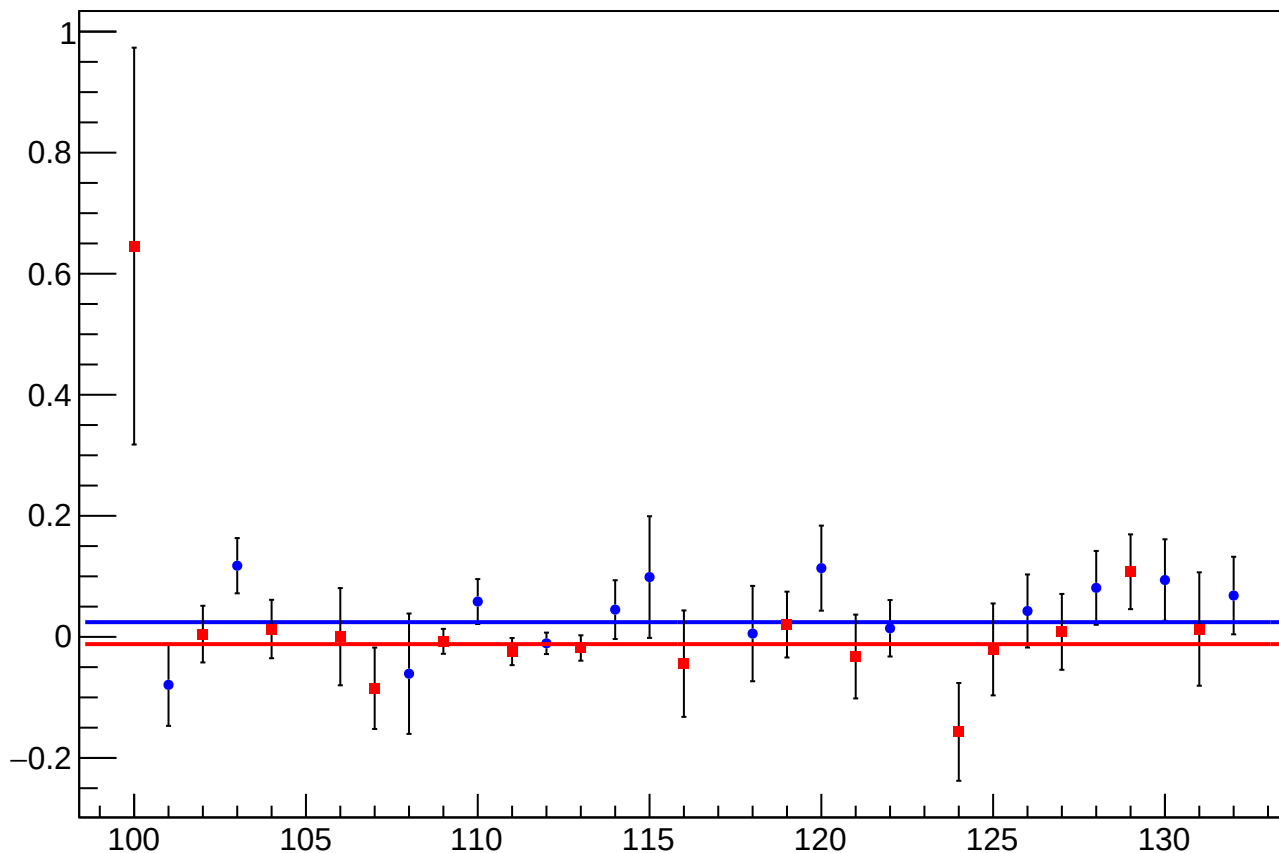
Right: 22.601+/-0.005 χ^2/NDF : 5565797.4/29

In: 24.143+/-0.008 χ^2/NDF : 2731419.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.601+/-0.005 χ^2/NDF : 5565797.4/29

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.024+/-0.012 χ^2/NDF : 16.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-0.010 χ^2/NDF : 13.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

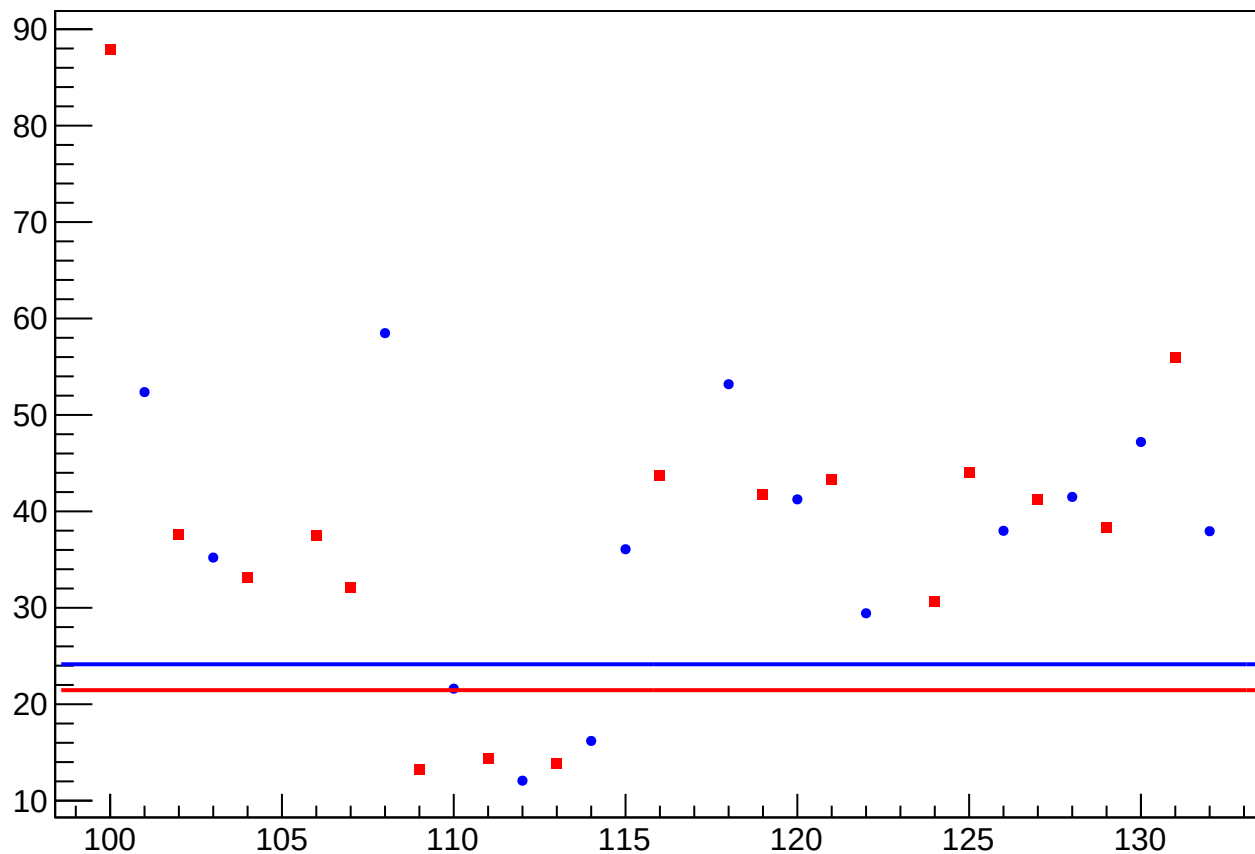
Right: 0.003+/-0.008 χ^2/NDF : 36.1/29

In: 0.024+/-0.012 χ^2/NDF : 16.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.008 χ^2/NDF : 36.1/29

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.143+/-0.008 χ^2/NDF : 2731419.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.460+/-0.007 χ^2/NDF : 2775970.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

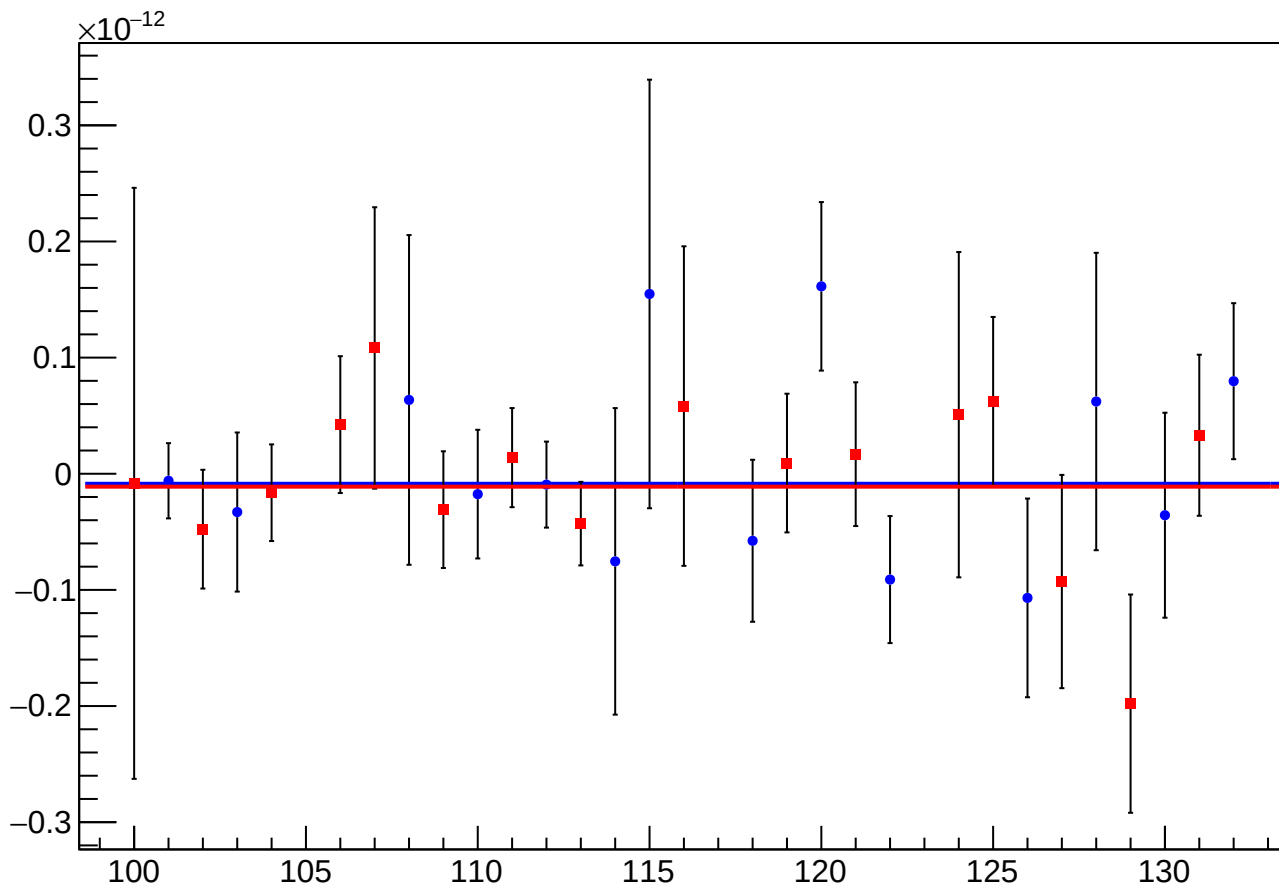
Right: 22.601+/-0.005 χ^2/NDF : 5565797.4/29

In: 24.143+/-0.008 χ^2/NDF : 2731419.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.601+/-0.005 χ^2/NDF : 5565797.4/29

asym_sam_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

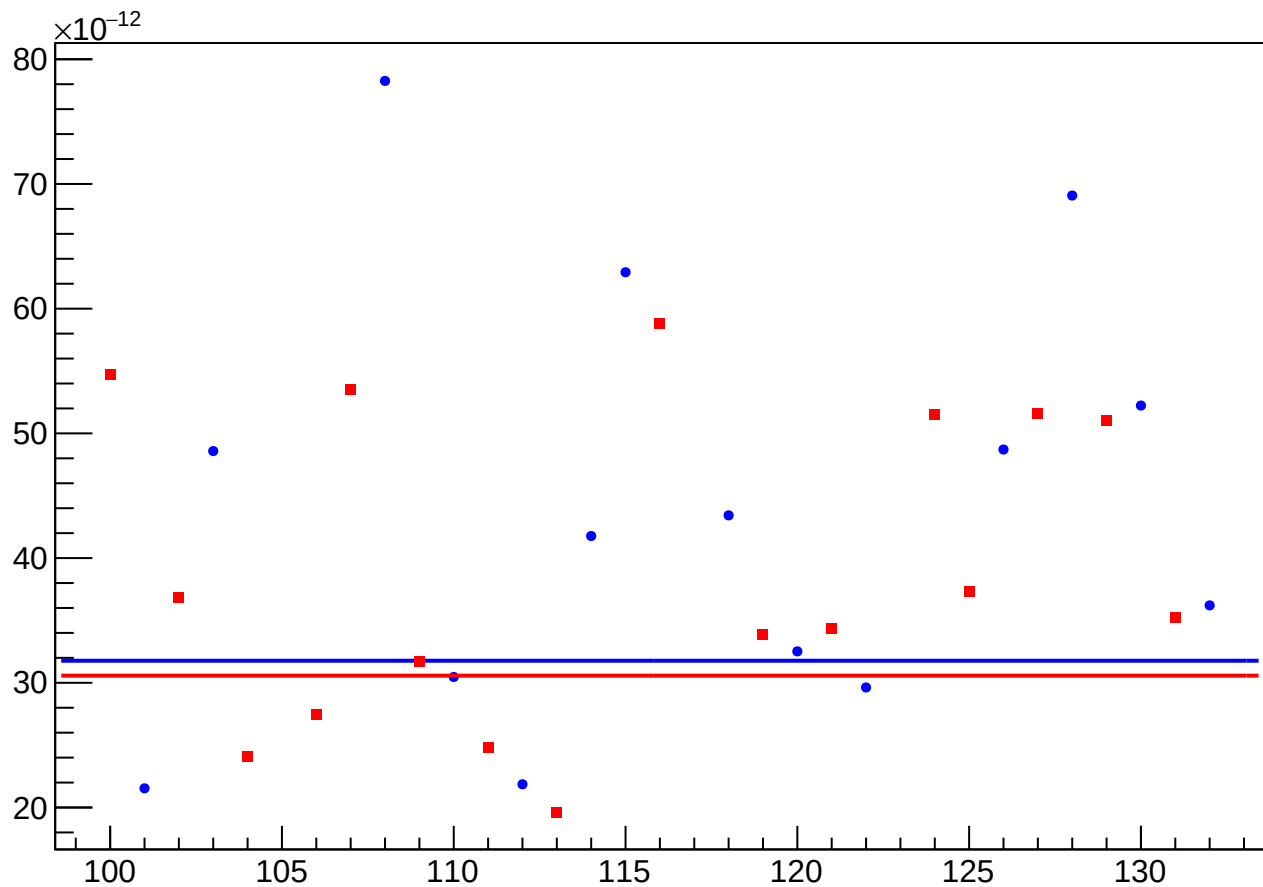
Right: -0.000+/-0.000 χ^2/NDF : 23.7/29

In: -0.000+/-0.000 χ^2/NDF : 13.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.7/29

asym_sam_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1170916.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 766812.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

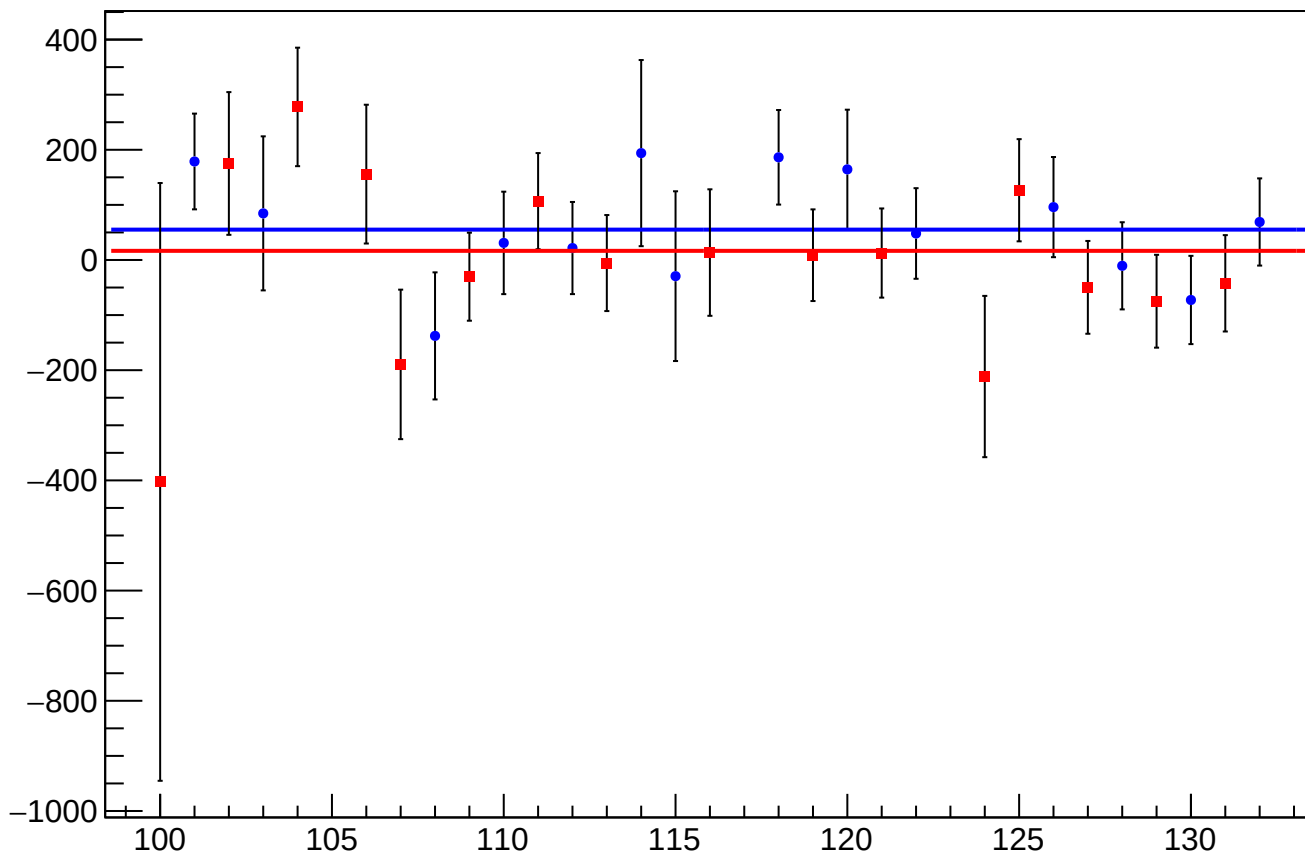
Right: 0.000+/-0.000 χ^2/NDF : 1943377.4/29

In: 0.000+/-0.000 χ^2/NDF : 1170916.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1943377.4/29

reg_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 55.091 $\pm$ 25.317 χ^2 /NDF: 12.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.582 $\pm$ 24.728 χ^2 /NDF: 19.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

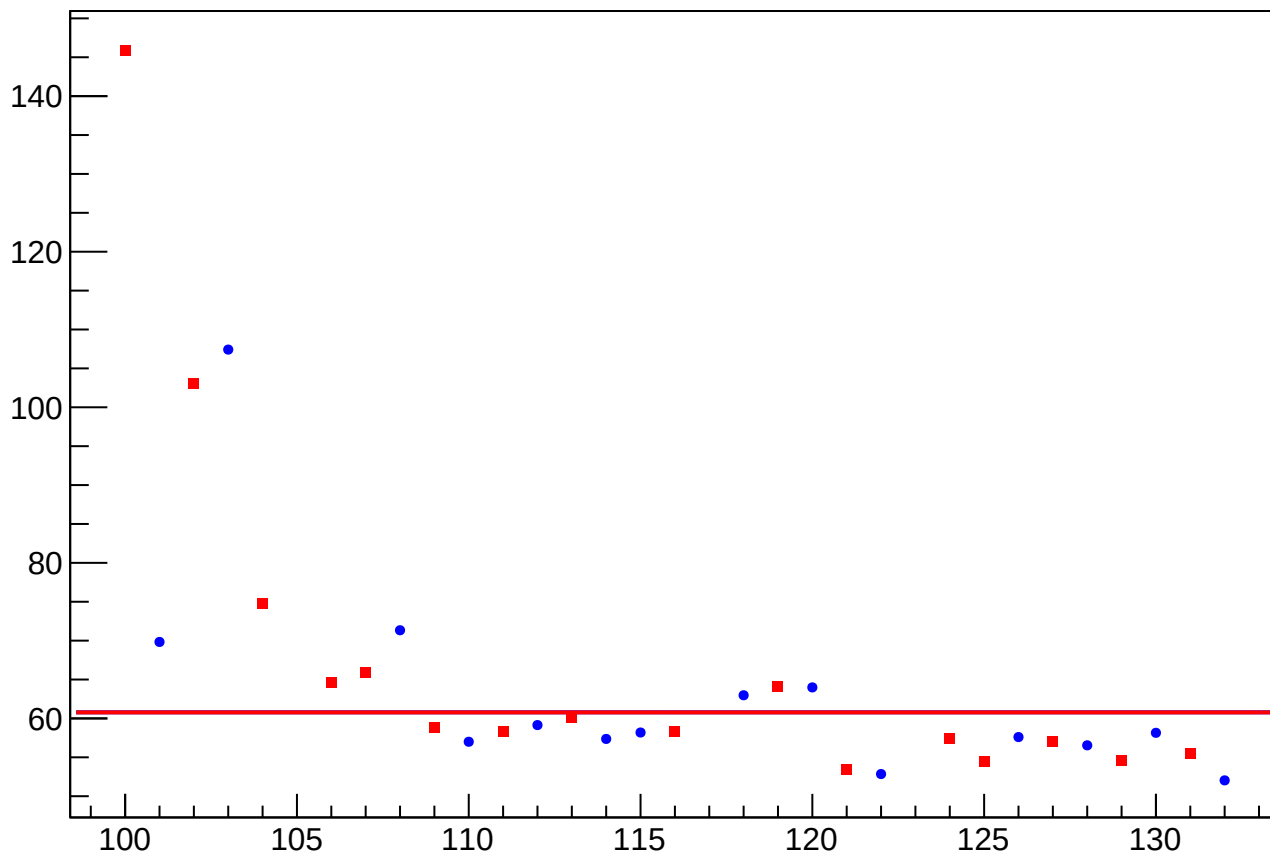
Right: 35.383 $\pm$ 17.690 χ^2 /NDF: 33.2/29

In: 55.091 $\pm$ 25.317 χ^2 /NDF: 12.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 35.383 $\pm$ 17.690 χ^2 /NDF: 33.2/29

reg_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 60.786+/-0.018 χ^2/NDF : 322963.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.777+/-0.017 χ^2/NDF : 357187.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

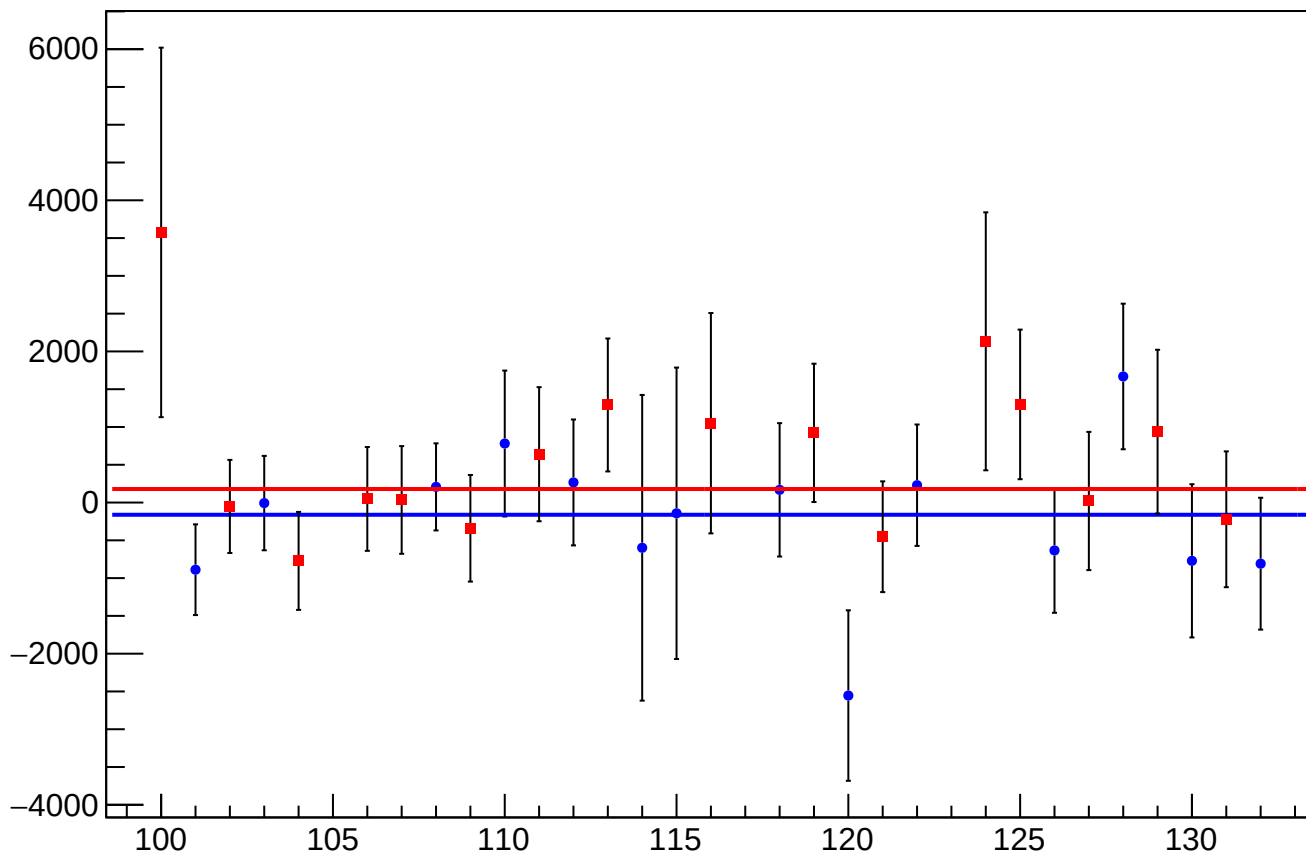
Right: 60.781+/-0.013 χ^2/NDF : 680150.8/29

In: 60.786+/-0.018 χ^2/NDF : 322963.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.781+/-0.013 χ^2/NDF : 680150.8/29

asym_sam_13_57_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -161.630 $\pm$ 224.579 χ^2 /NDF: 12.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 179.280 $\pm$ 213.109 χ^2 /NDF: 11.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

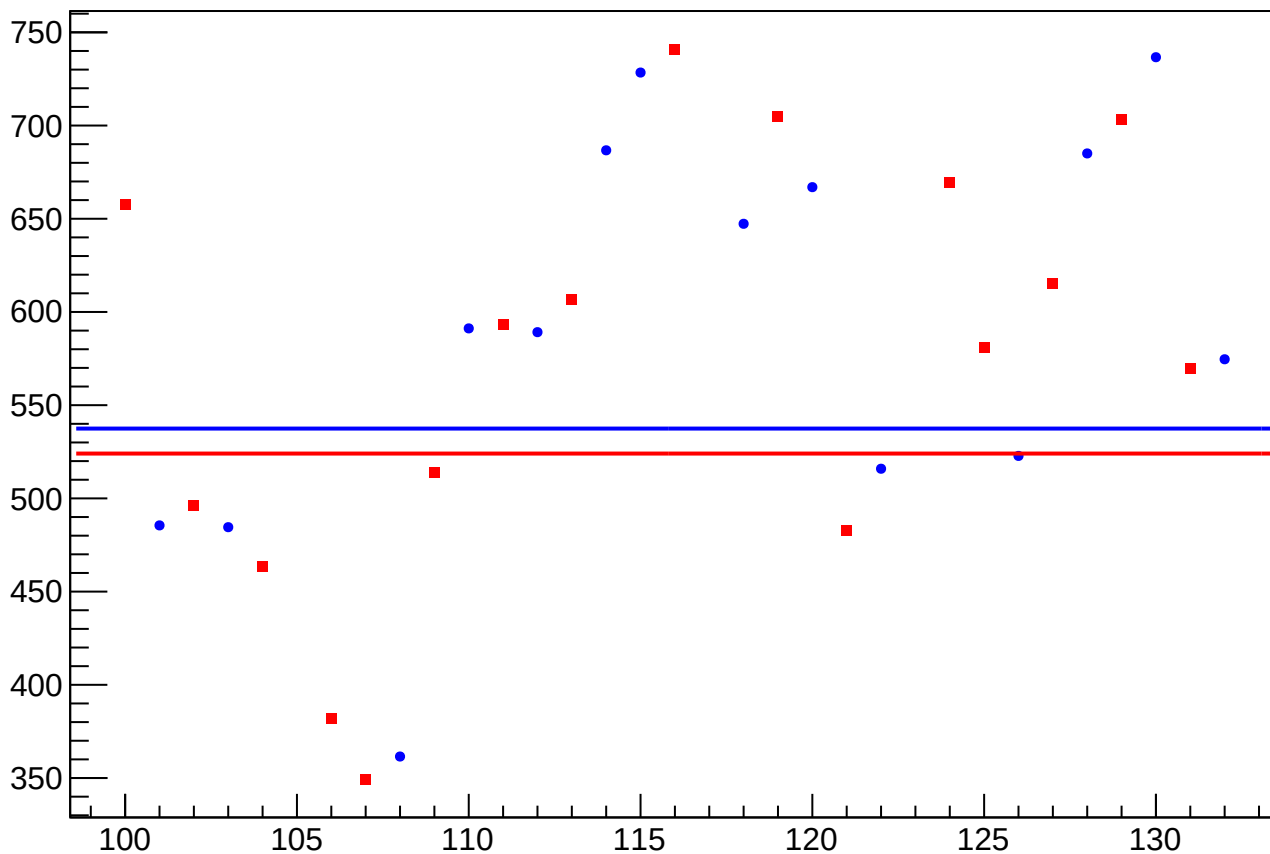
Right: 17.753 $\pm$ 154.587 χ^2 /NDF: 25.9/29

In: -161.630 $\pm$ 224.579 χ^2 /NDF:12.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 17.753 $\pm$ 154.587 χ^2 /NDF: 25.9/29

asym_sam_13_57_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 537.452+/-0.159 χ^2/NDF : 447216.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 524.047+/-0.151 χ^2/NDF : 493445.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

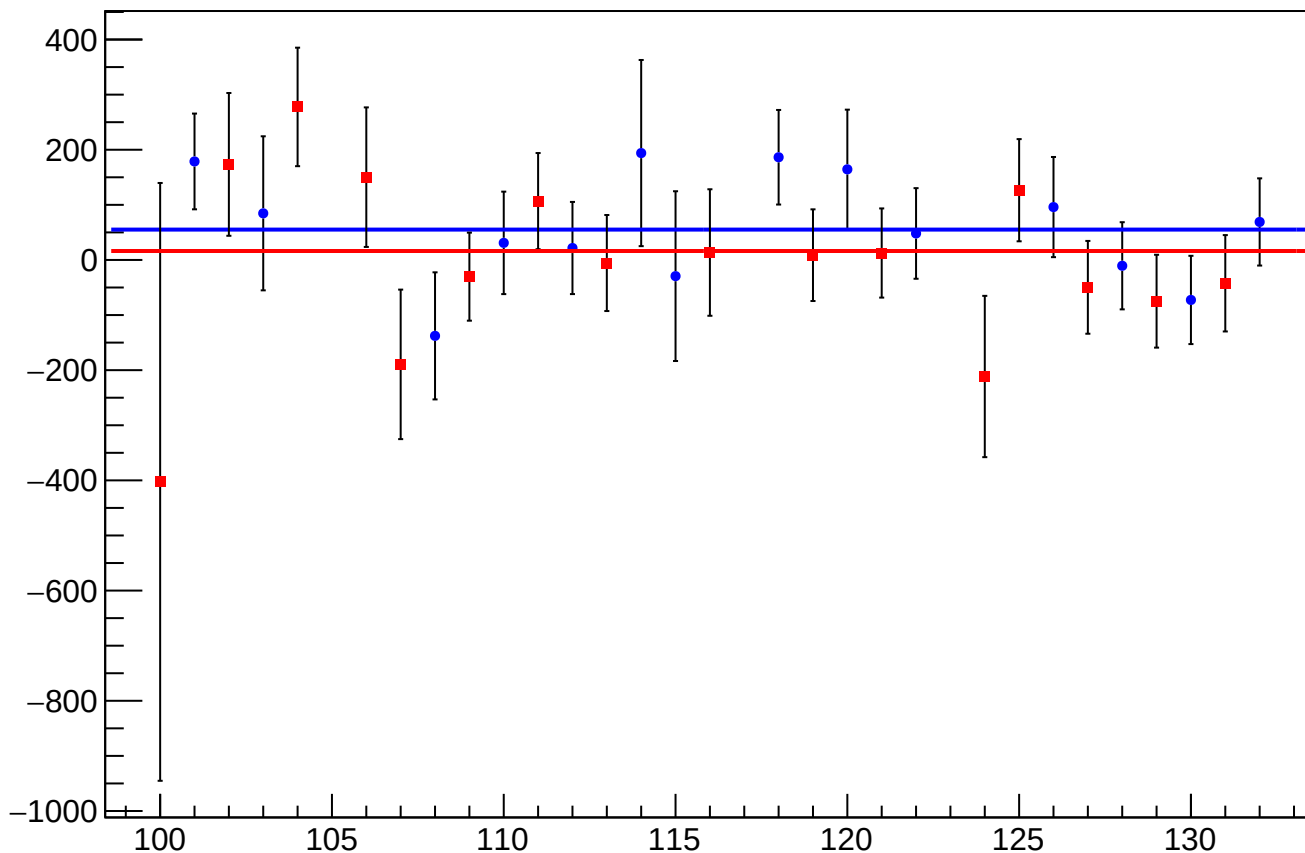
Right: 530.399+/-0.109 χ^2/NDF : 944410.5/29

In: 537.452+/-0.159 χ^2/NDF :447216.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 530.399+/-0.109 χ^2/NDF : 944410.5/29

cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 55.092 $\pm$ 25.317 χ^2 /NDF: 12.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 16.239 $\pm$ 24.733 χ^2 /NDF: 19.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

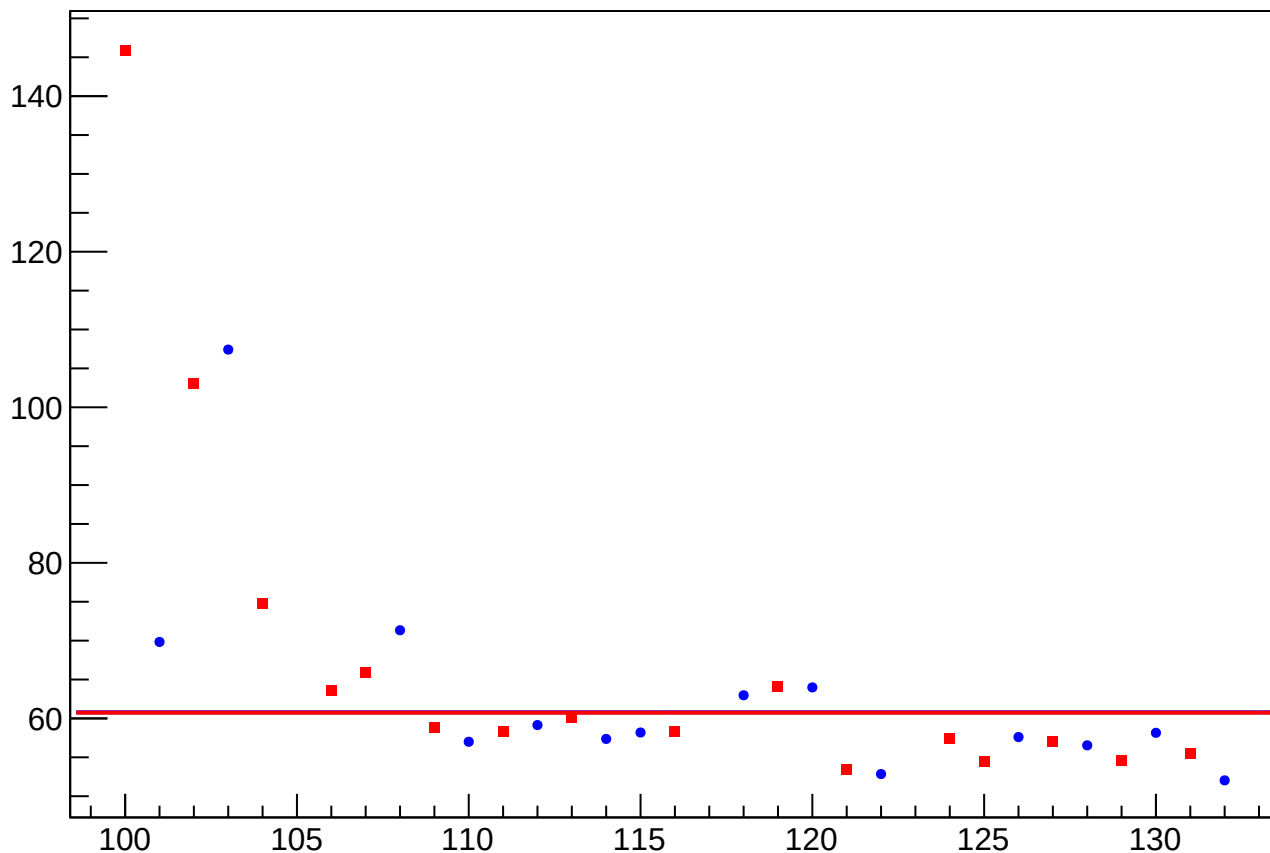
Right: 35.212 $\pm$ 17.692 χ^2 /NDF: 33.1/29

In: 55.092 $\pm$ 25.317 χ^2 /NDF:12.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 35.212 $\pm$ 17.692 χ^2 /NDF: 33.1/29

cor_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 60.786+/-0.018 χ^2/NDF : 322965.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.738+/-0.017 χ^2/NDF : 356571.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

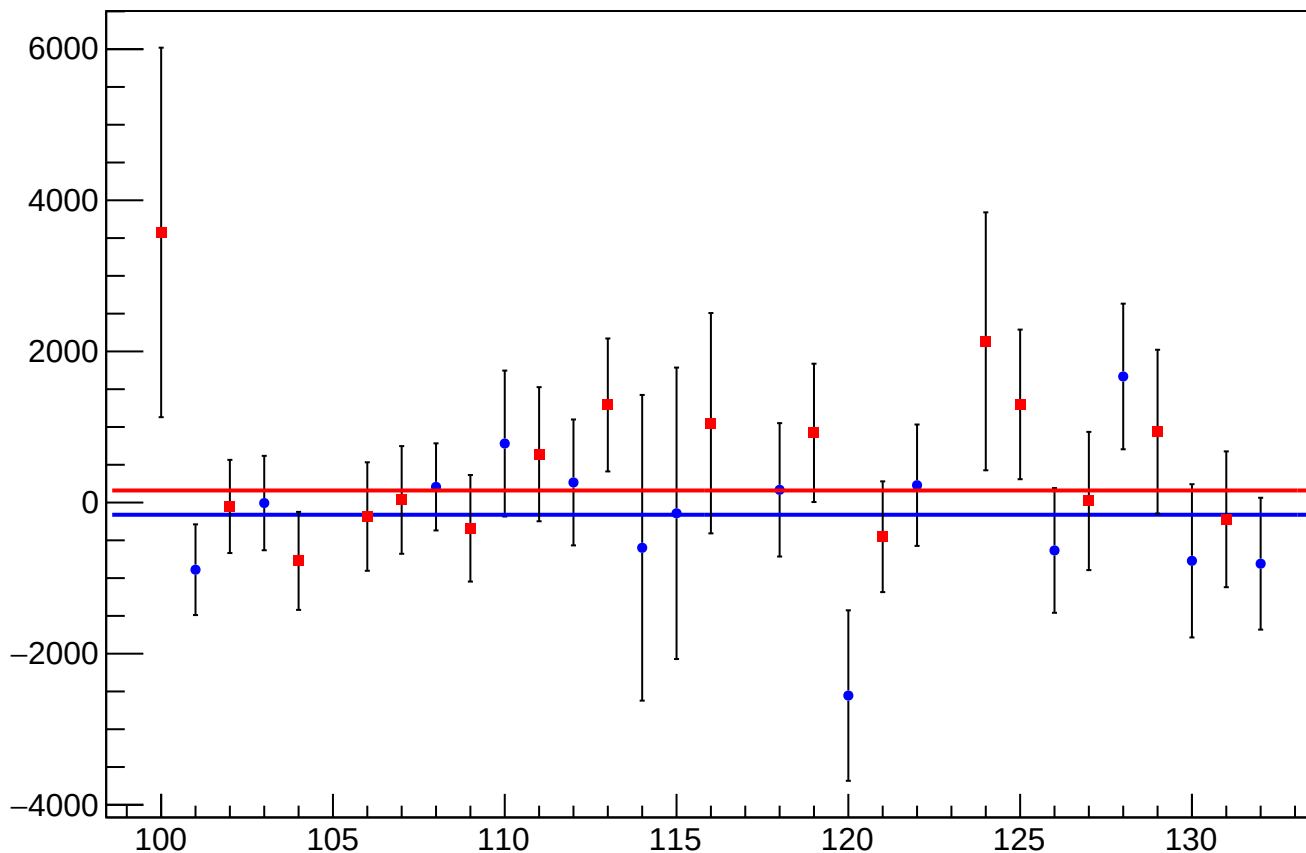
Right: 60.761+/-0.013 χ^2/NDF : 679540.5/29

In: 60.786+/-0.018 χ^2/NDF : 322965.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.761+/-0.013 χ^2/NDF : 679540.5/29

asym_sam_13_57_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -161.568 $\pm$ 224.581 χ^2 /NDF: 12.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 159.720 $\pm$ 214.002 χ^2 /NDF: 12.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

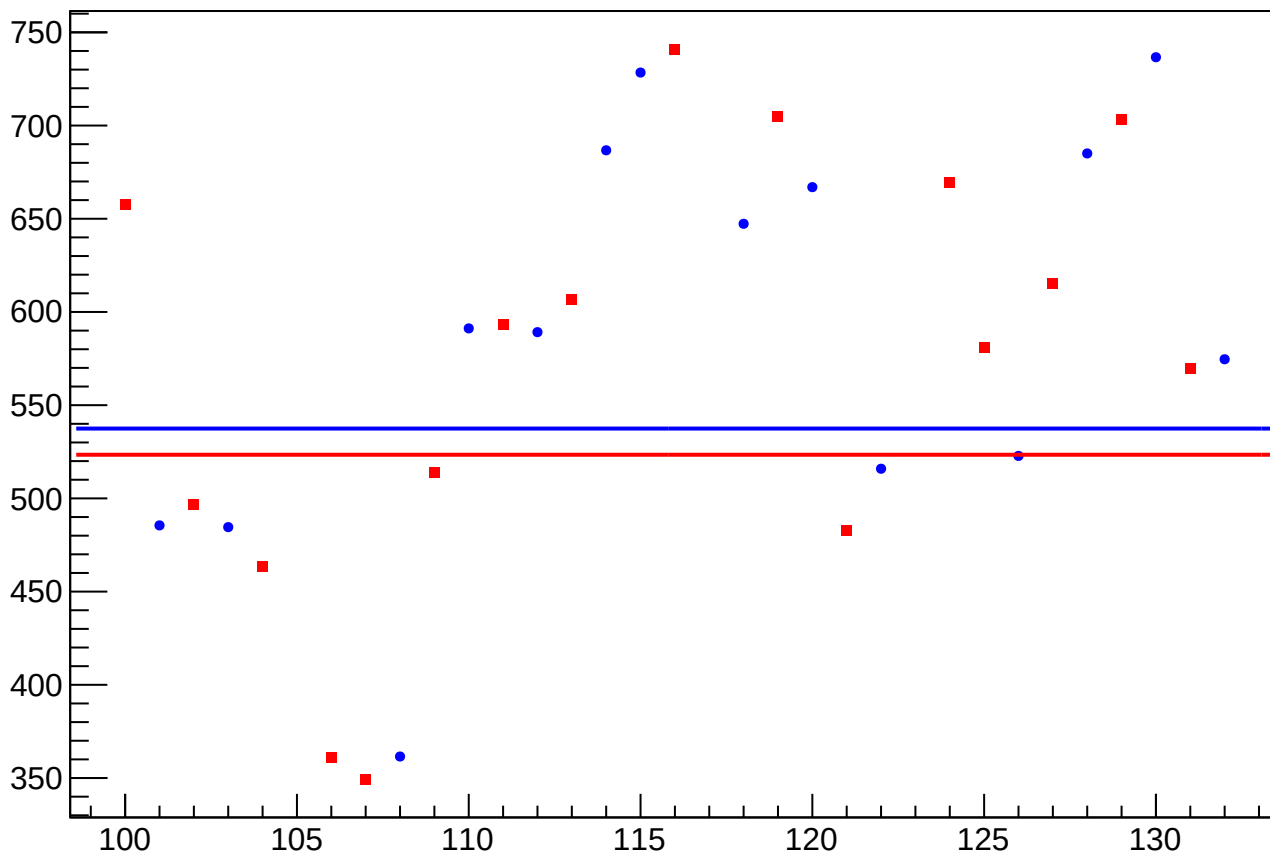
Right: 6.822 $\pm$ 154.927 χ^2 /NDF: 26.0/29

In: -161.568 $\pm$ 224.581 χ^2 /NDF: 12.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.822 $\pm$ 154.927 χ^2 /NDF: 26.0/29

asym_sam_13_57_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 537.457+/-0.159 χ^2/NDF : 447197.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 523.414+/-0.151 χ^2/NDF : 510876.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

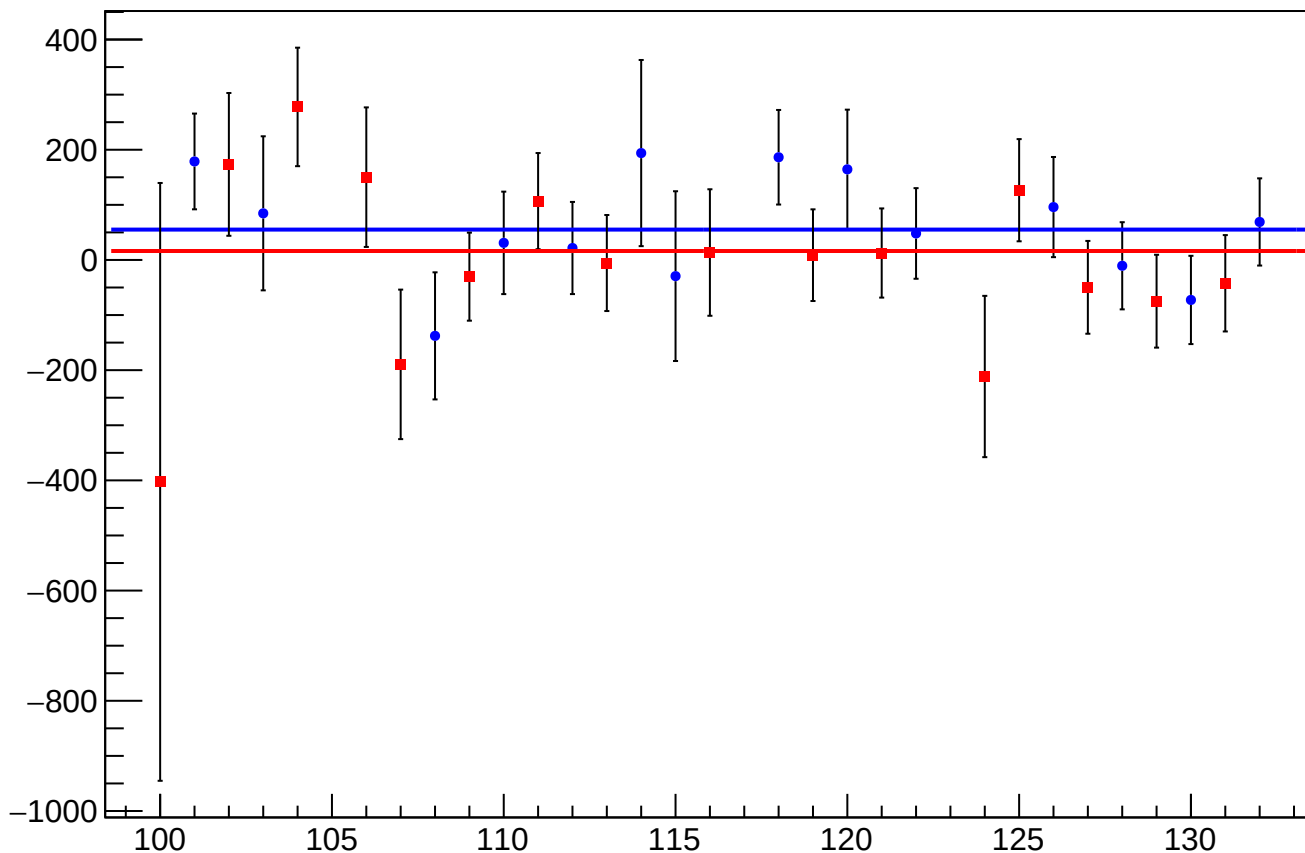
Right: 530.097+/-0.110 χ^2/NDF : 962172.0/29

In: 537.457+/-0.159 χ^2/NDF : 447197.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 530.097+/-0.110 χ^2/NDF : 962172.0/29

eigen_cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 55.092 $\pm$ 25.317 χ^2 /NDF: 12.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 16.239 $\pm$ 24.733 χ^2 /NDF: 19.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

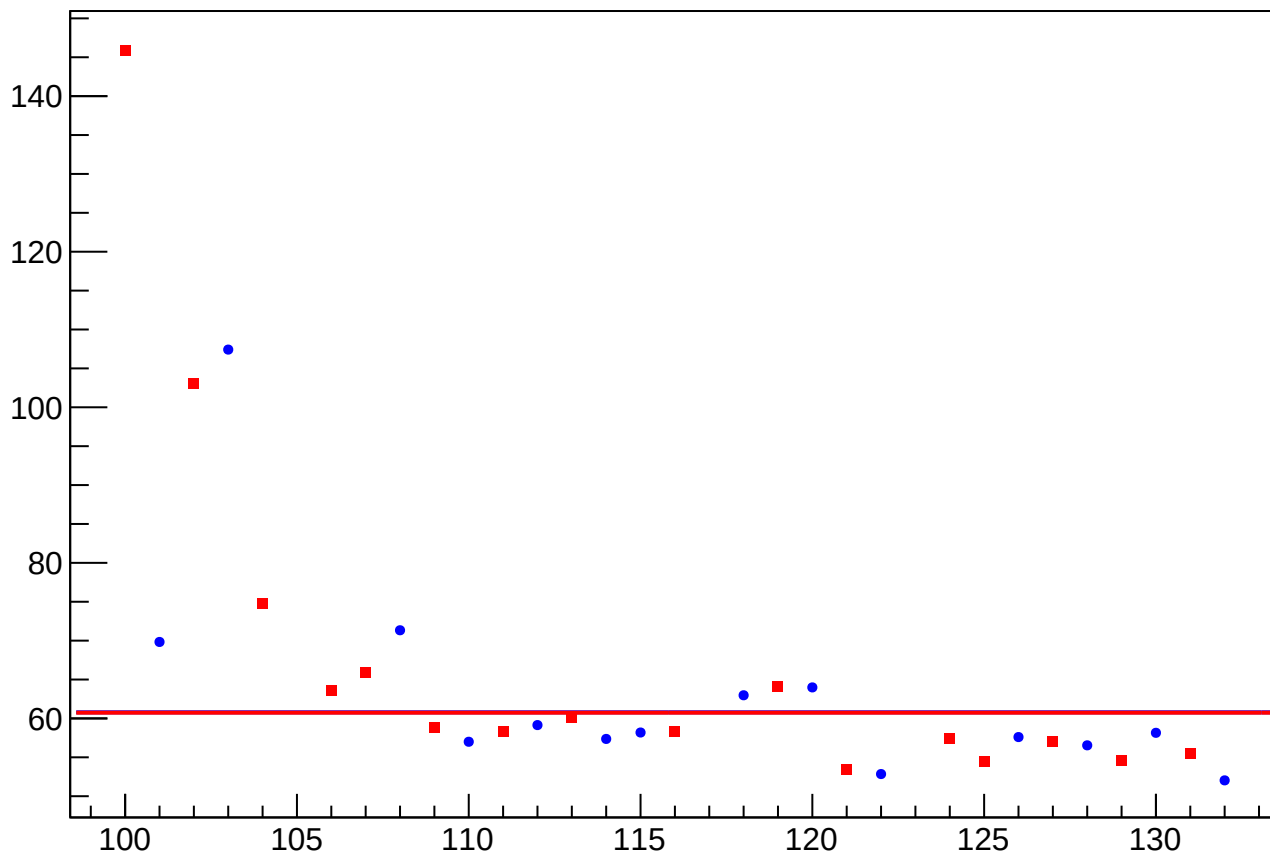
Right: 35.212 $\pm$ 17.692 χ^2 /NDF: 33.1/29

In: 55.092 $\pm$ 25.317 χ^2 /NDF:12.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 35.212 $\pm$ 17.692 χ^2 /NDF: 33.1/29

eigen_cor_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 60.786+/-0.018 χ^2/NDF : 322965.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.738+/-0.017 χ^2/NDF : 356571.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

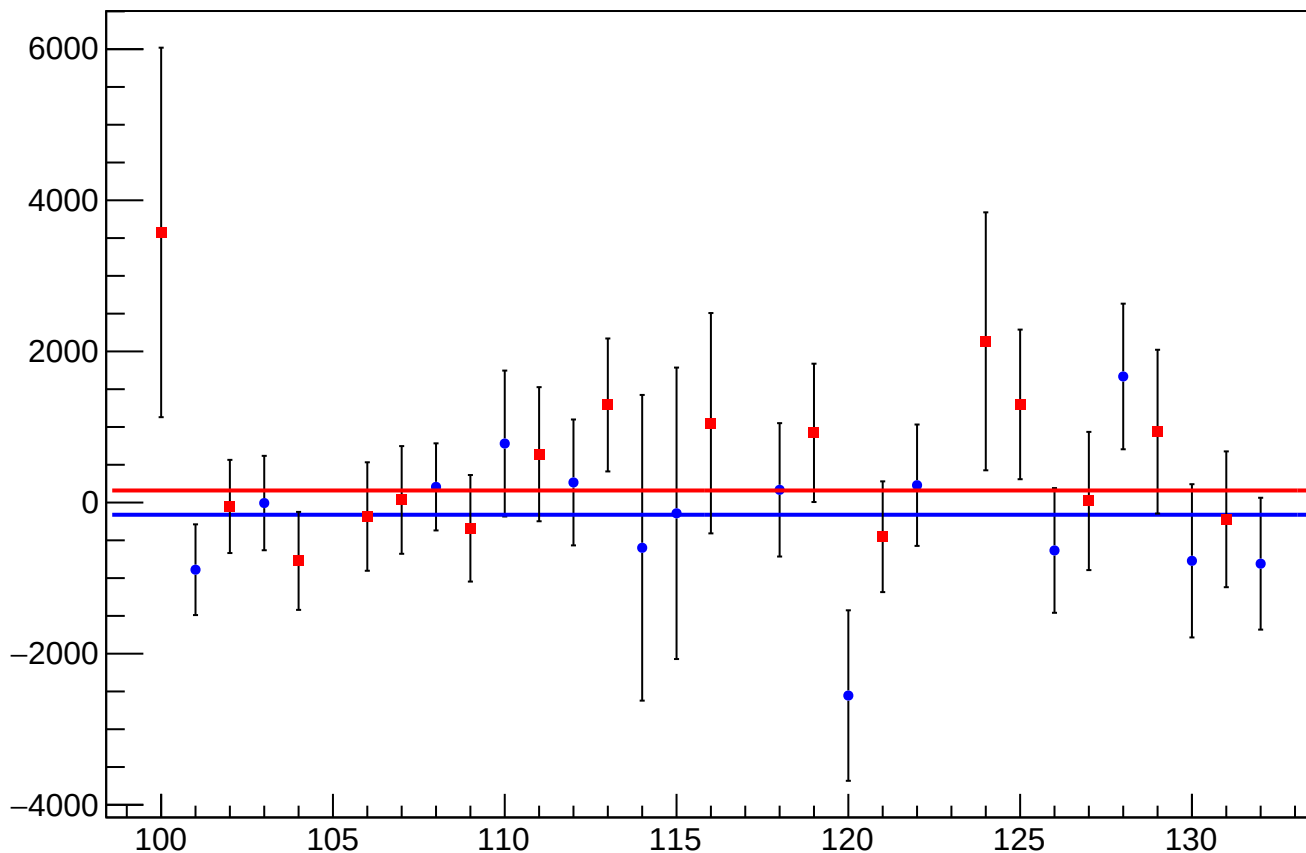
Right: 60.761+/-0.013 χ^2/NDF : 679540.5/29

In: 60.786+/-0.018 χ^2/NDF : 322965.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.761+/-0.013 χ^2/NDF : 679540.5/29

asym_sam_13_57_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -161.568 $\pm$ 224.581 χ^2 /NDF: 12.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 159.720 $\pm$ 214.002 χ^2 /NDF: 12.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

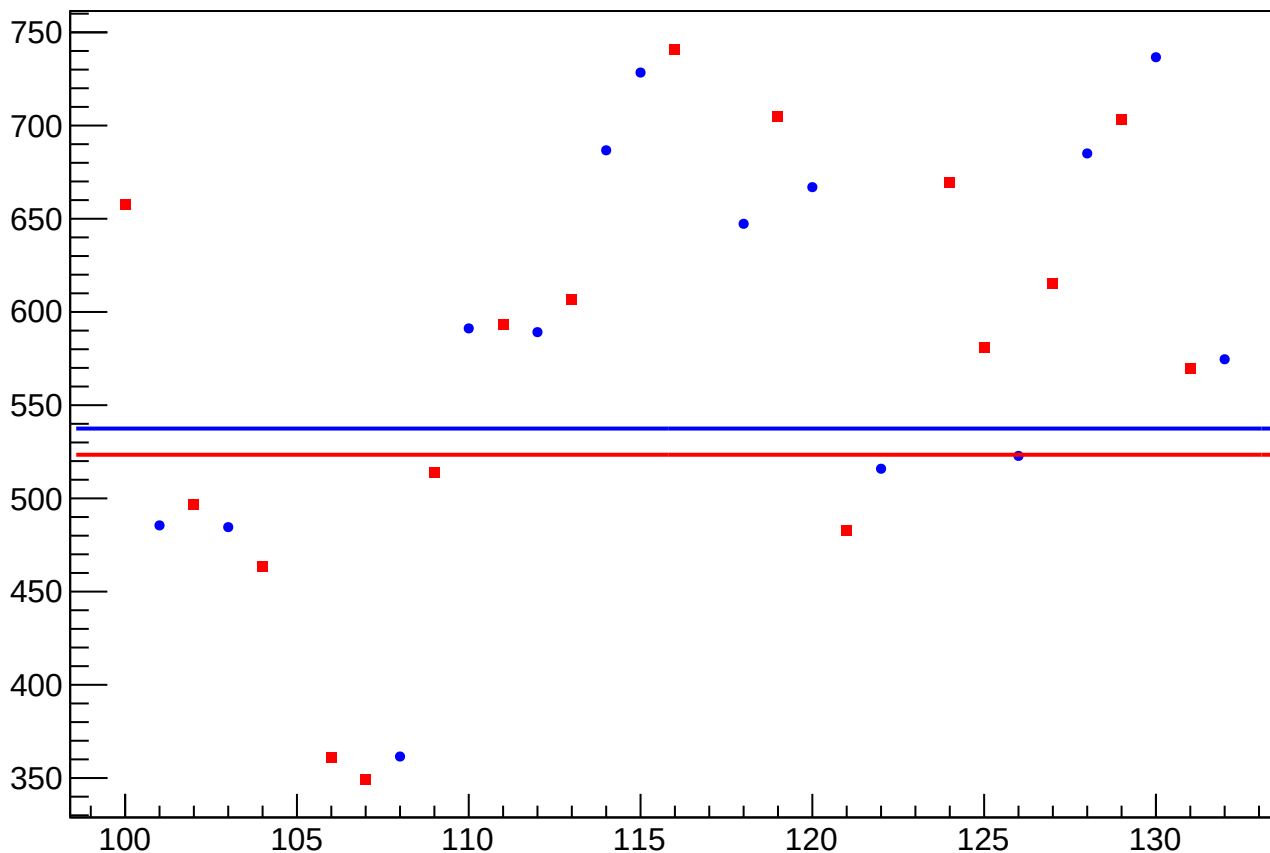
Right: 6.822 $\pm$ 154.927 χ^2 /NDF: 26.0/29

In: -161.568 $\pm$ 224.581 χ^2 /NDF:12.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 6.822 $\pm$ 154.927 χ^2 /NDF: 26.0/29

asym_sam_13_57_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 537.457+/-0.159 χ^2/NDF : 447197.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 523.414+/-0.151 χ^2/NDF : 510876.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

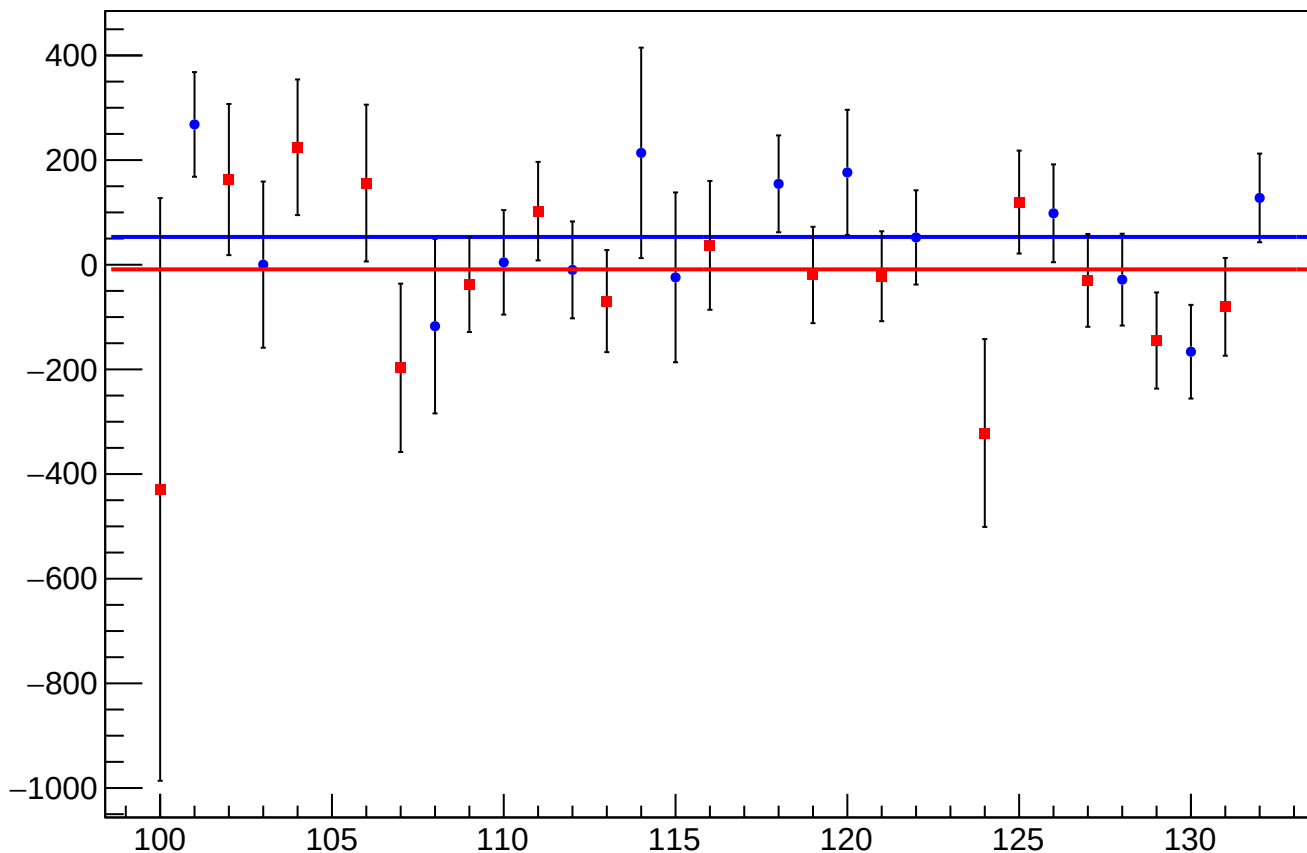
Right: 530.097+/-0.110 χ^2/NDF : 962172.0/29

In: 537.457+/-0.159 χ^2/NDF :447197.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 530.097+/-0.110 χ^2/NDF : 962172.0/29

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 53.150 $\pm$ 28.022 χ^2 /NDF: 17.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -8.790 $\pm$ 27.241 χ^2 /NDF: 17.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

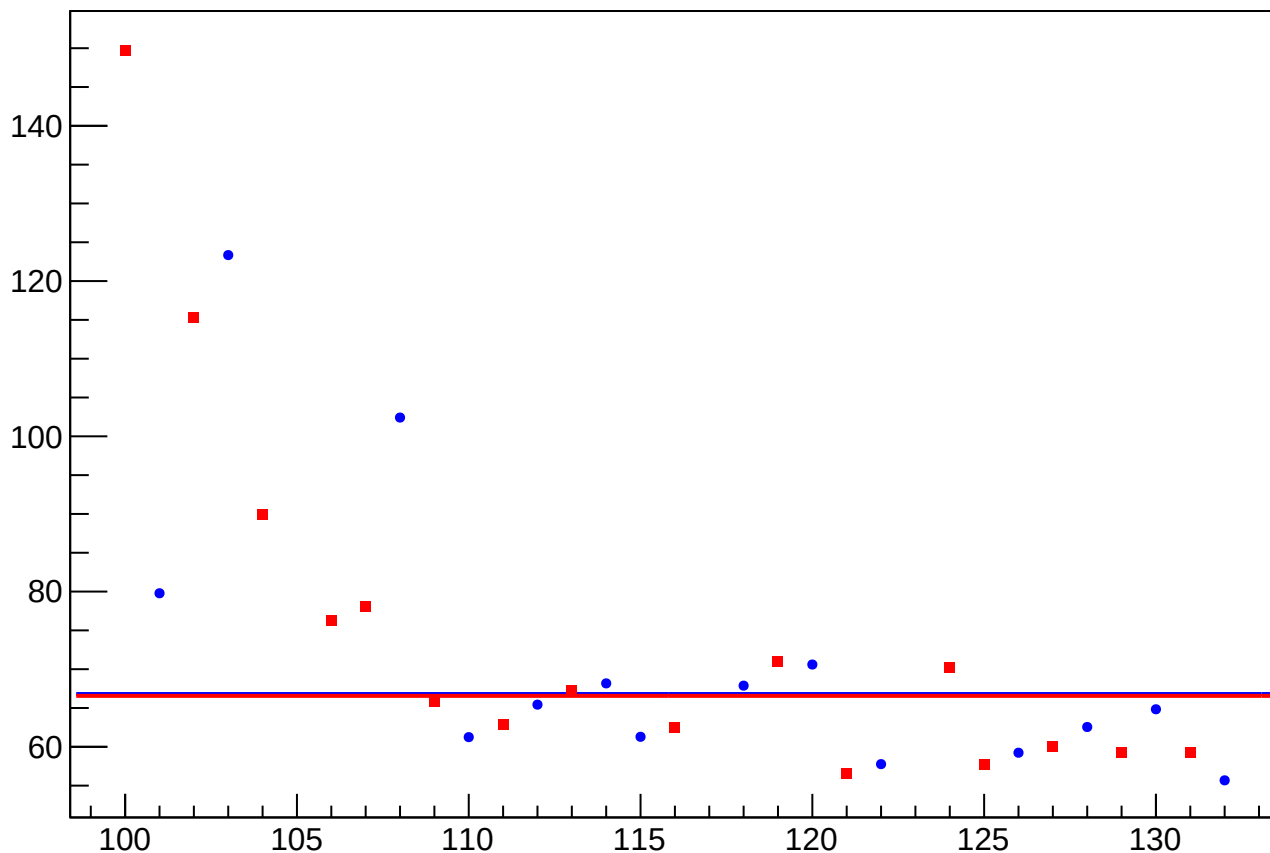
Right: 21.305 $\pm$ 19.533 χ^2 /NDF: 37.4/29

In: 53.150 $\pm$ 28.022 χ^2 /NDF:17.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 21.305 $\pm$ 19.533 χ^2 /NDF: 37.4/29

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 66.799+/-0.020 χ^2/NDF : 463254.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.564+/-0.019 χ^2/NDF : 445705.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

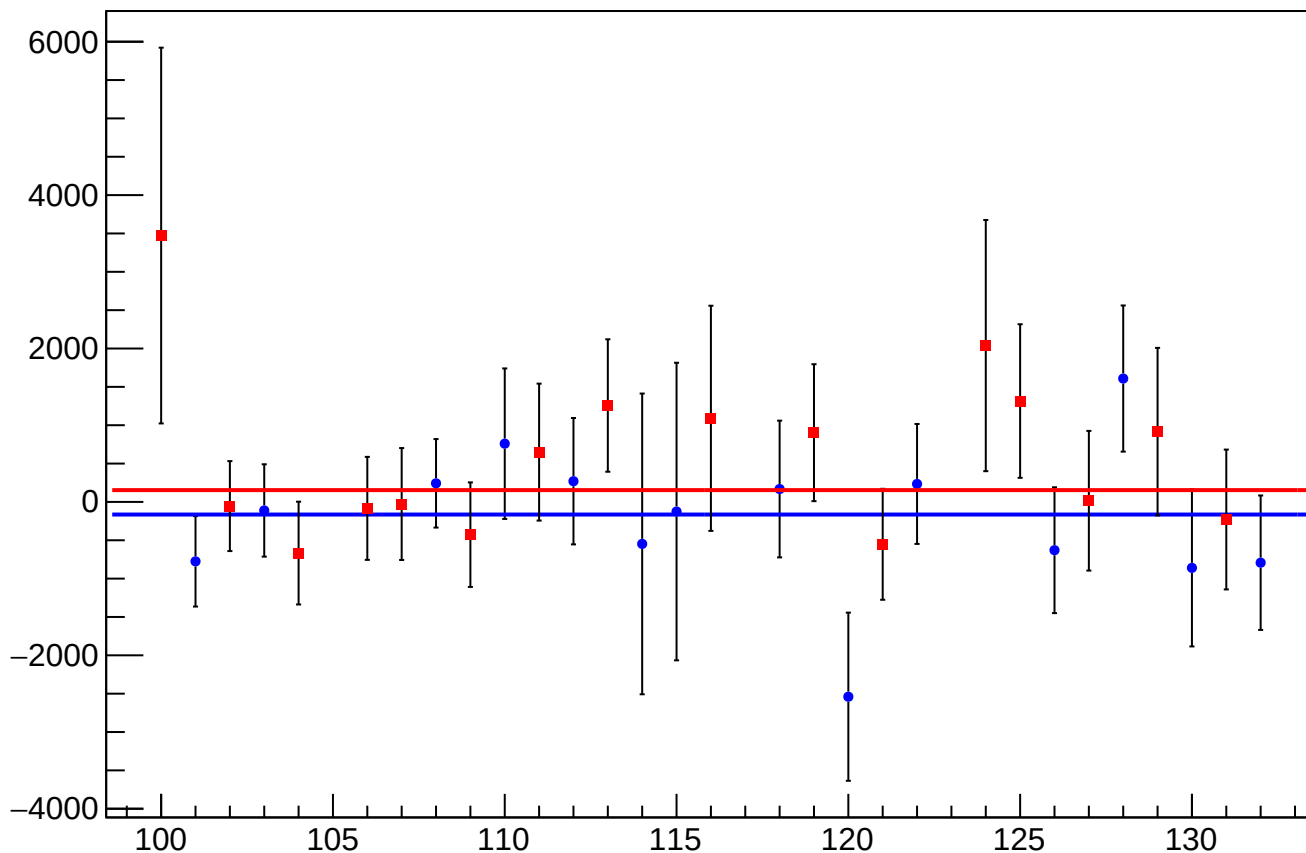
Right: 66.678+/-0.014 χ^2/NDF : 909031.8/29

In: 66.799+/-0.020 χ^2/NDF : 463254.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.678+/-0.014 χ^2/NDF : 909031.8/29

asym_sam_13_57_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -164.618+/-222.220 χ^2/NDF : 12.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.822+/-211.296 χ^2/NDF : 11.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

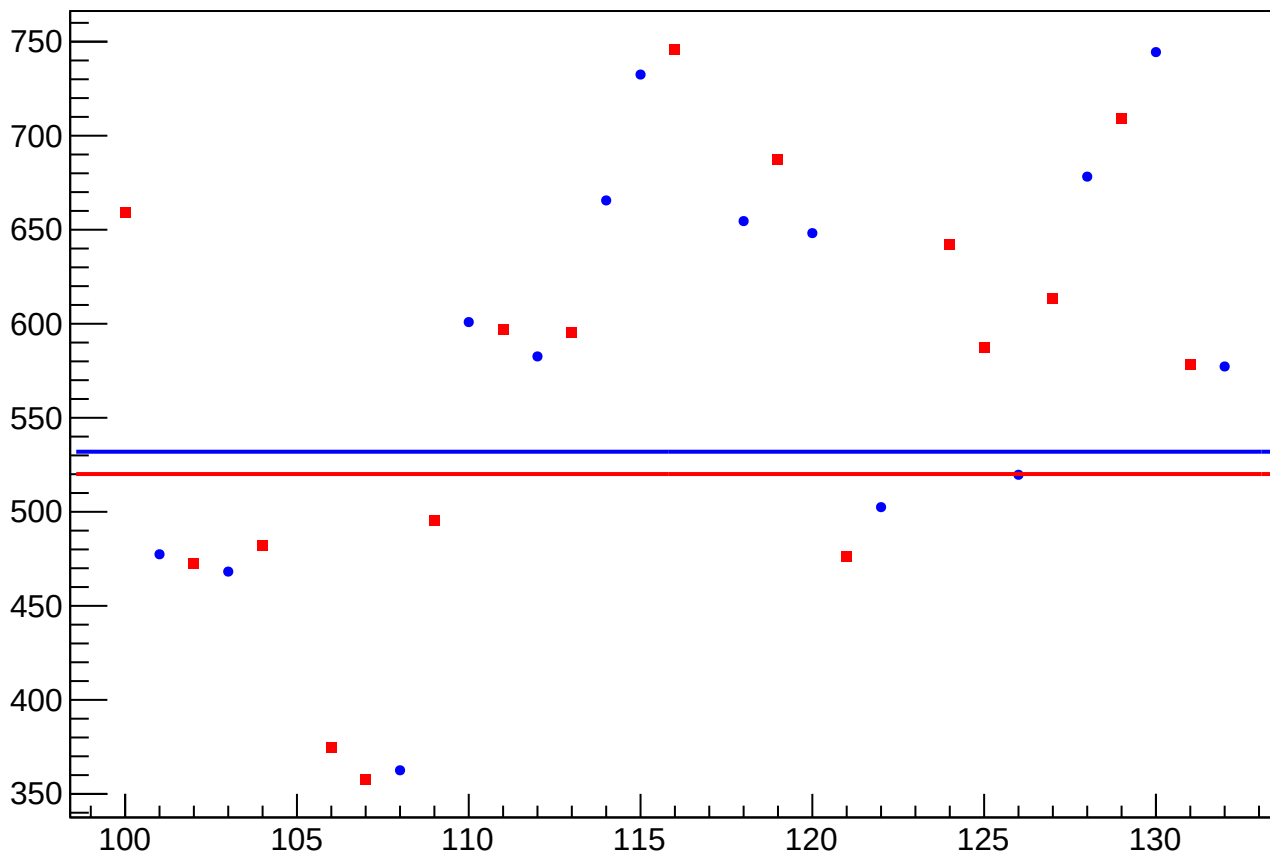
Right: 2.621+/-153.125 χ^2/NDF : 25.5/29

In: -164.618+/-222.220 χ^2/NDF : 12.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.621+/-153.125 χ^2/NDF : 25.5/29

asym_sam_13_57_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 531.960+/-0.157 χ^2/NDF : 462236.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 520.089+/-0.149 χ^2/NDF : 485836.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

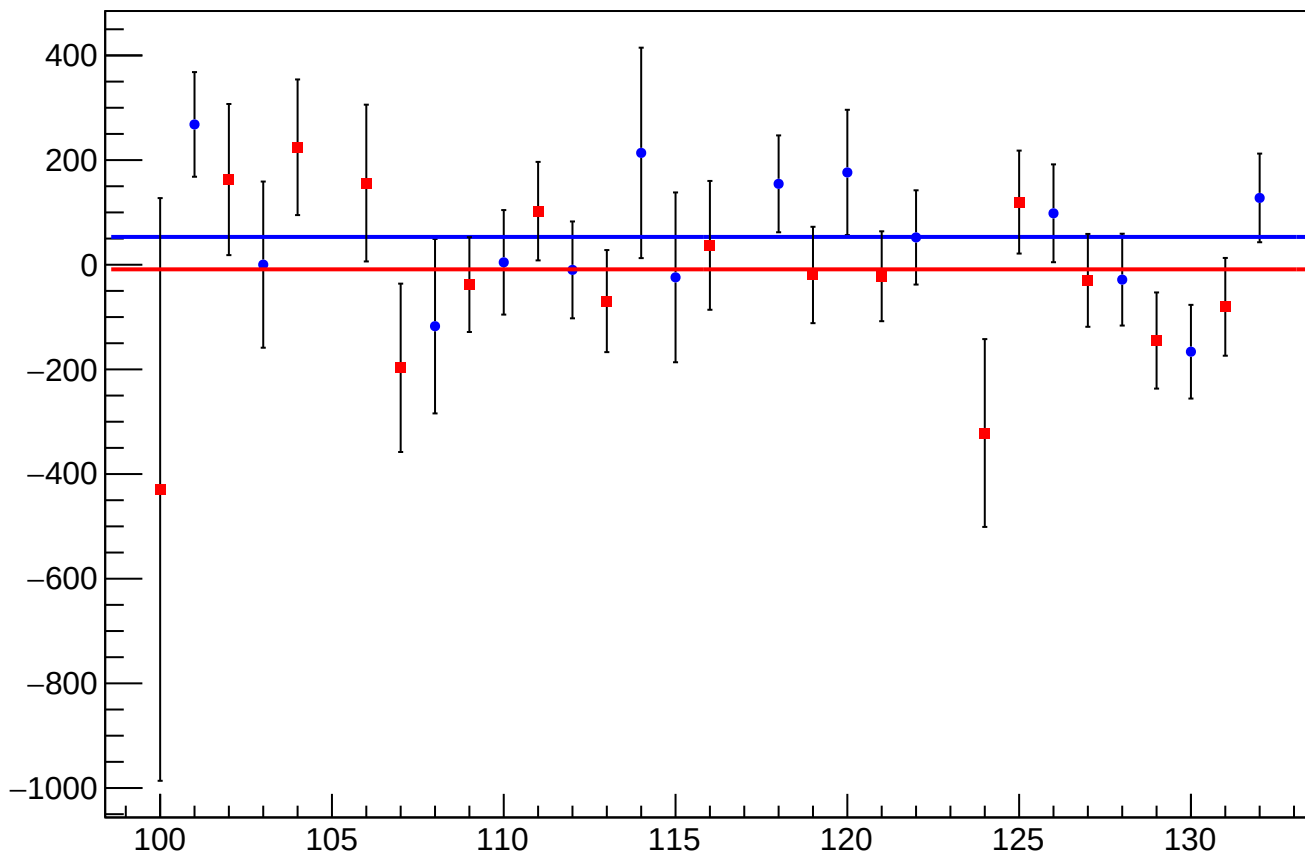
Right: 525.725+/-0.108 χ^2/NDF : 951069.6/29

In: 531.960+/-0.157 χ^2/NDF : 462236.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 525.725+/-0.108 χ^2/NDF : 951069.6/29

eigen_dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 53.150 $\pm$ 28.022 χ^2 /NDF: 17.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -8.791 $\pm$ 27.241 χ^2 /NDF: 17.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

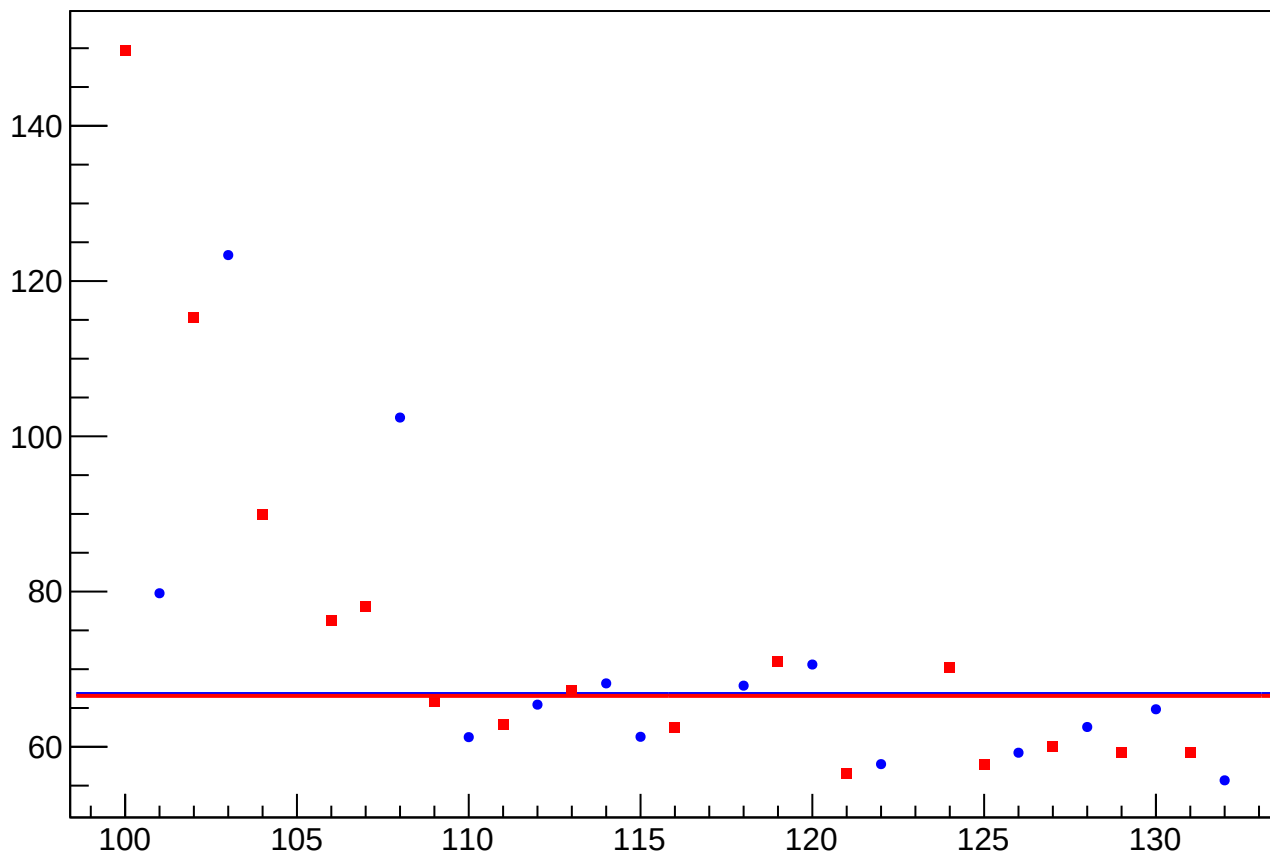
Right: 21.305 $\pm$ 19.533 χ^2 /NDF: 37.4/29

In: 53.150 $\pm$ 28.022 χ^2 /NDF:17.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 21.305 $\pm$ 19.533 χ^2 /NDF: 37.4/29

eigen_dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 66.799+/-0.020 χ^2/NDF : 463258.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.564+/-0.019 χ^2/NDF : 445705.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

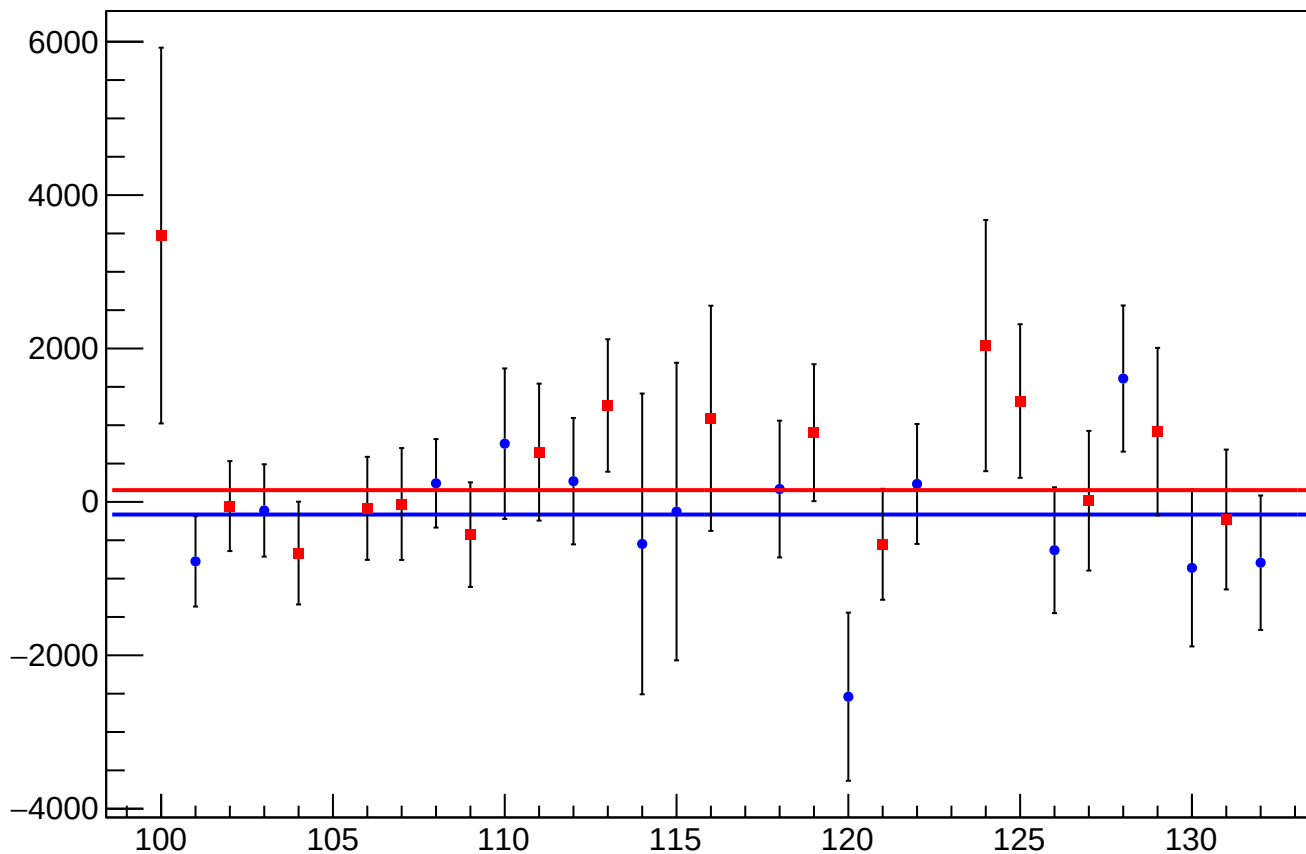
Right: 66.678+/-0.014 χ^2/NDF : 909037.1/29

In: 66.799+/-0.020 χ^2/NDF : 463258.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.678+/-0.014 χ^2/NDF : 909037.1/29

asym_sam_13_57_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -164.617+/-222.220 χ^2/NDF : 12.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.820+/-211.296 χ^2/NDF : 11.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

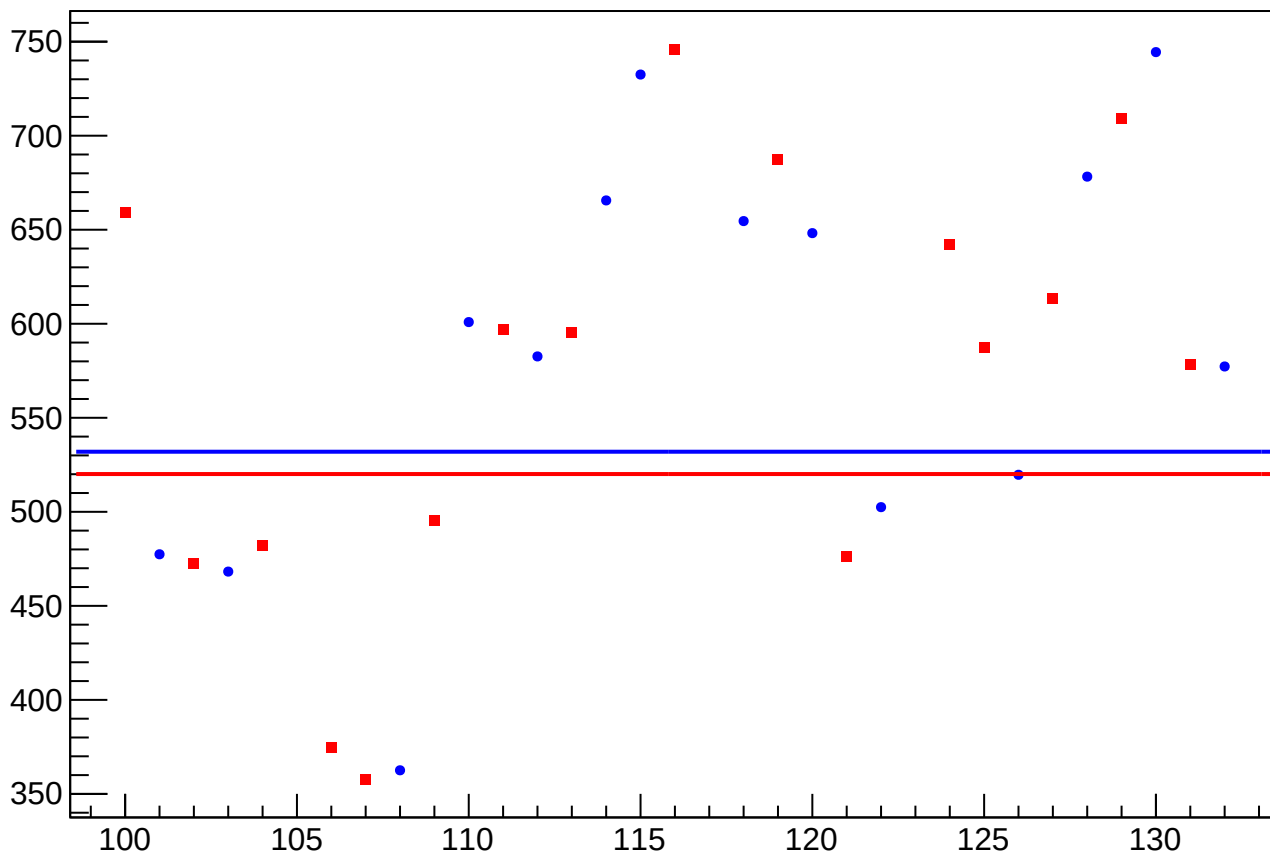
Right: 2.620+/-153.125 χ^2/NDF : 25.5/29

In: -164.617+/-222.220 χ^2/NDF : 12.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.620+/-153.125 χ^2/NDF : 25.5/29

asym_sam_13_57_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 531.959+/-0.157 χ^2/NDF : 462240.3/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 520.088+/-0.149 χ^2/NDF : 485838.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

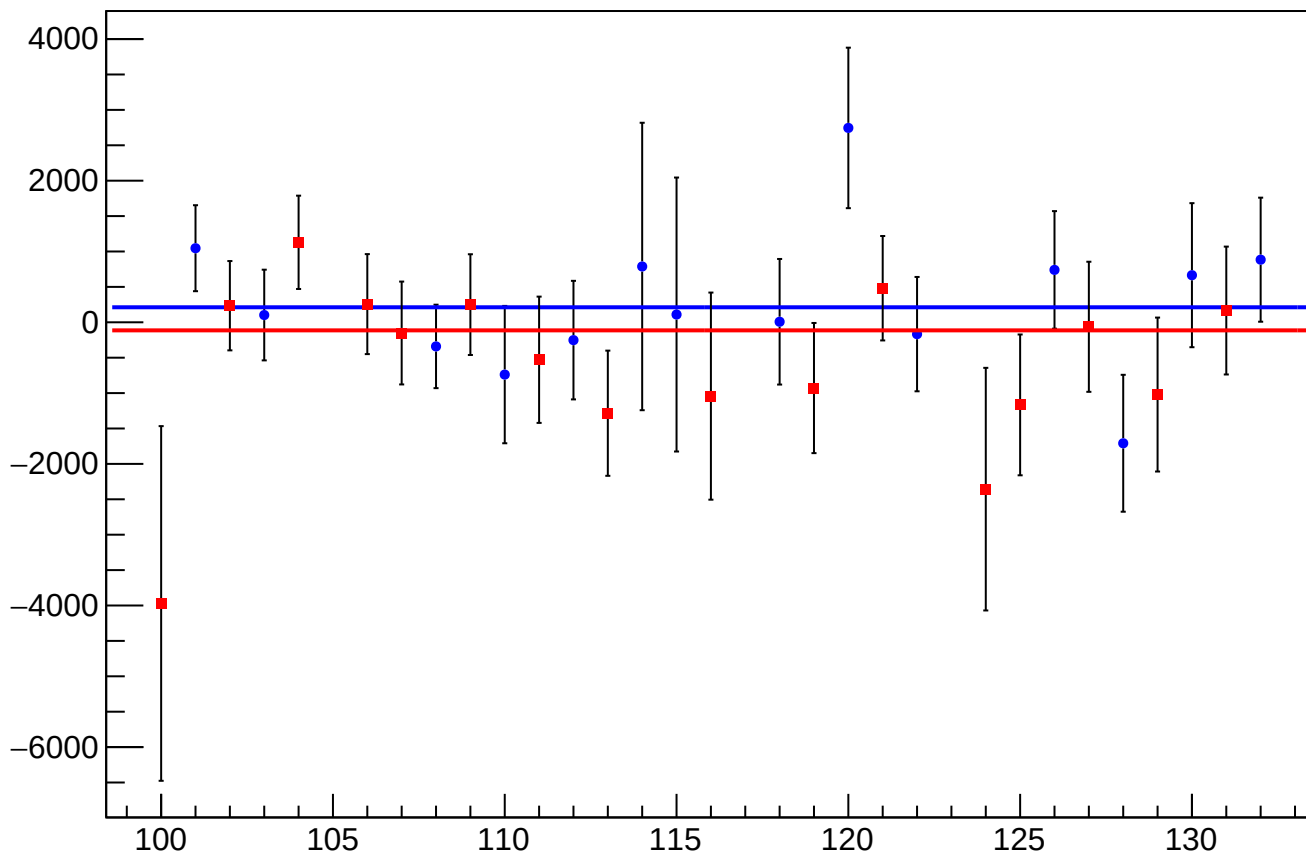
Right: 525.724+/-0.108 χ^2/NDF : 951075.9/29

In: 531.959+/-0.157 χ^2/NDF :462240.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 525.724+/-0.108 χ^2/NDF : 951075.9/29

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 212.034+/-227.031 χ^2/NDF : 14.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -114.061+/-215.726 χ^2/NDF : 14.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

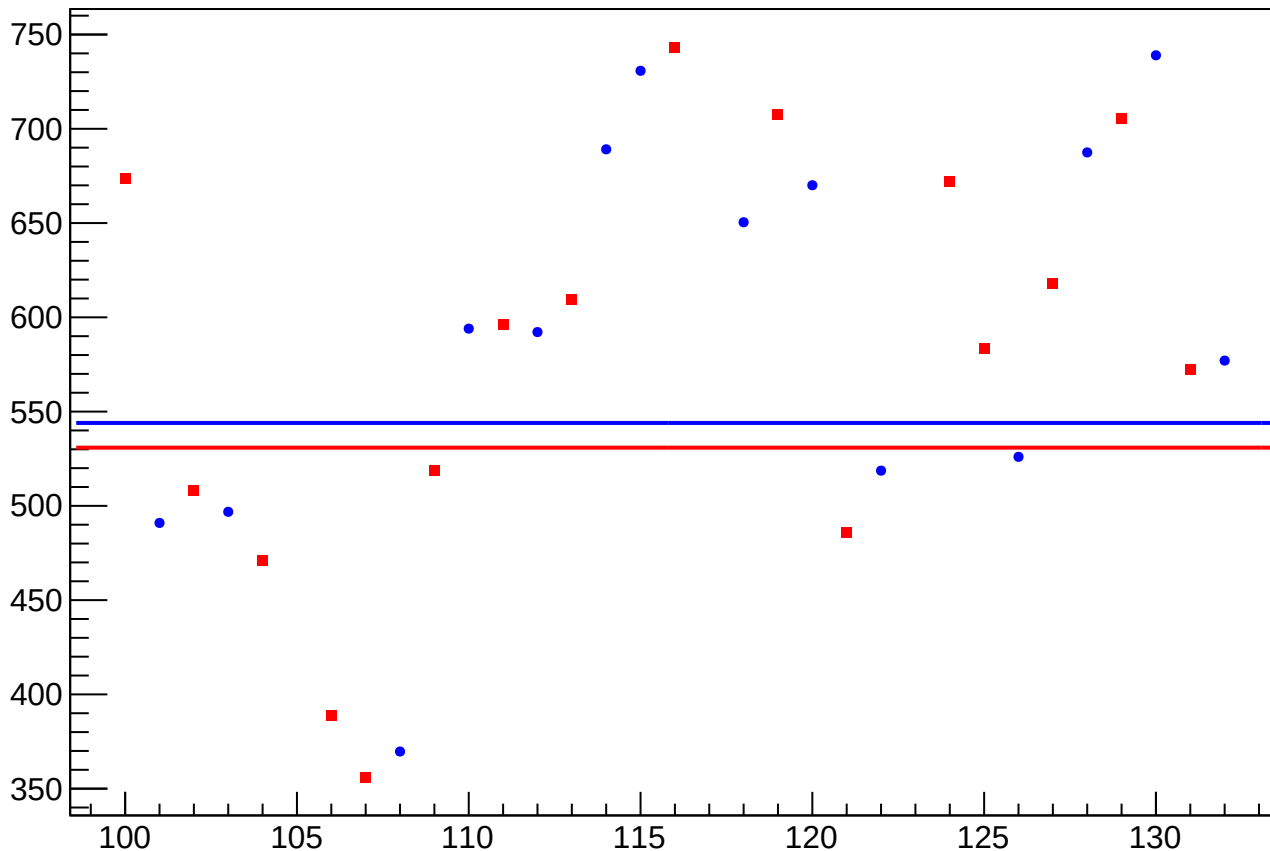
Right: 40.665+/-156.385 χ^2/NDF : 29.9/29

In: 212.034+/-227.031 χ^2/NDF : 14.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.665+/-156.385 χ^2/NDF : 29.9/29

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 543.986+/-0.161 χ^2/NDF : 418658.3/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 530.882+/-0.153 χ^2/NDF : 466455.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

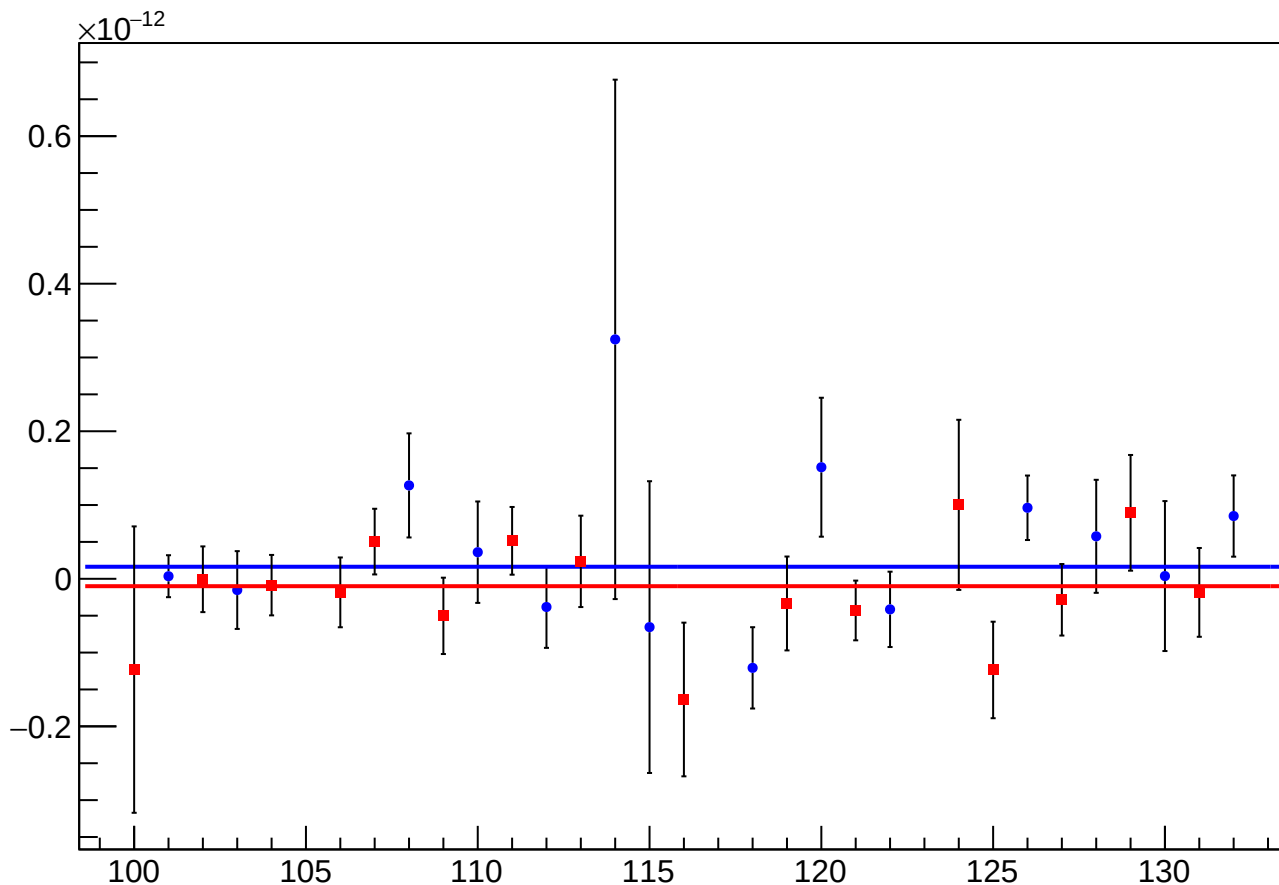
Right: 537.099+/-0.111 χ^2/NDF : 888615.2/29

In: 543.986+/-0.161 χ^2/NDF :418658.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 537.099+/-0.111 χ^2/NDF : 888615.2/29

asym_sam_13_57_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 19.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

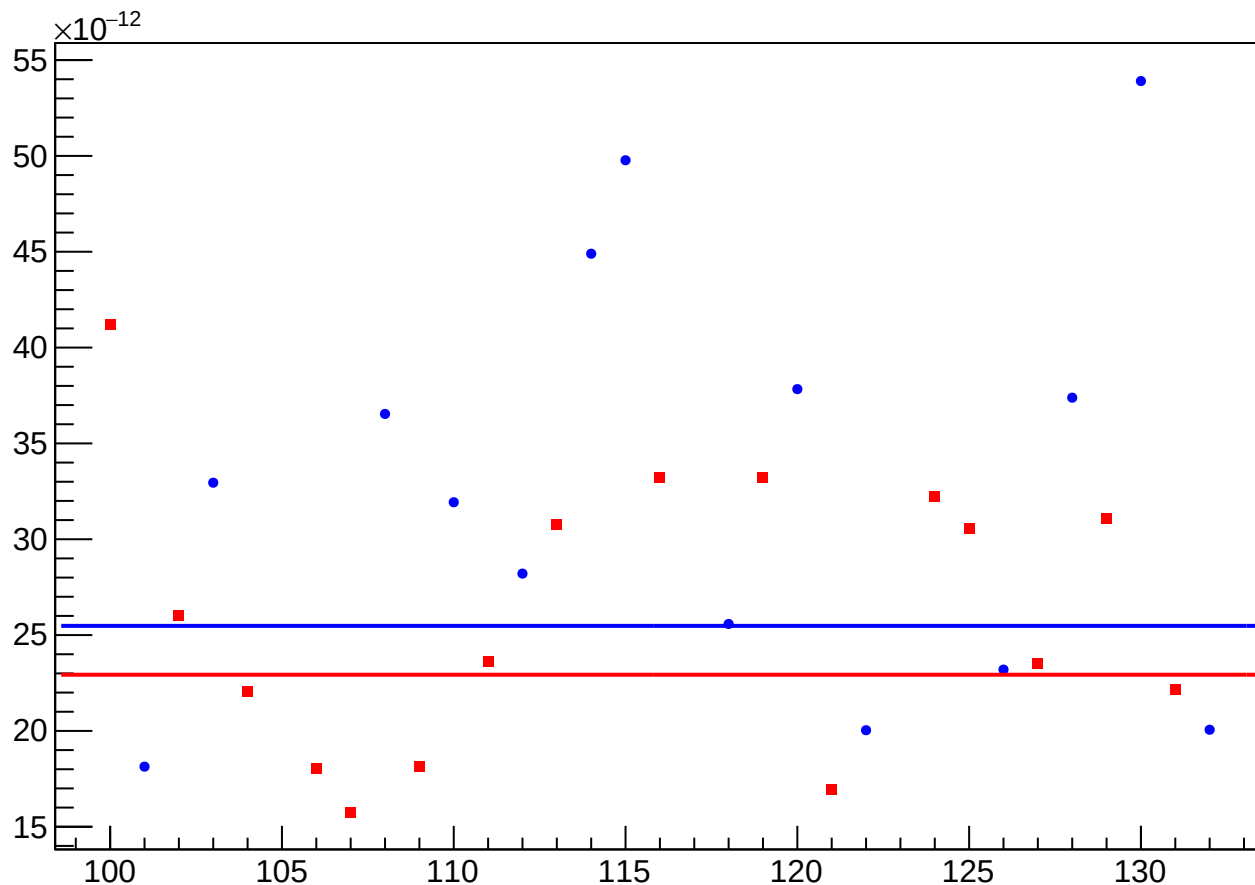
Right: 0.000+/-0.000 χ^2/NDF : 35.0/29

In: 0.000+/-0.000 χ^2/NDF : 19.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 35.0/29

asym_sam_13_57_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 568093.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 329007.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

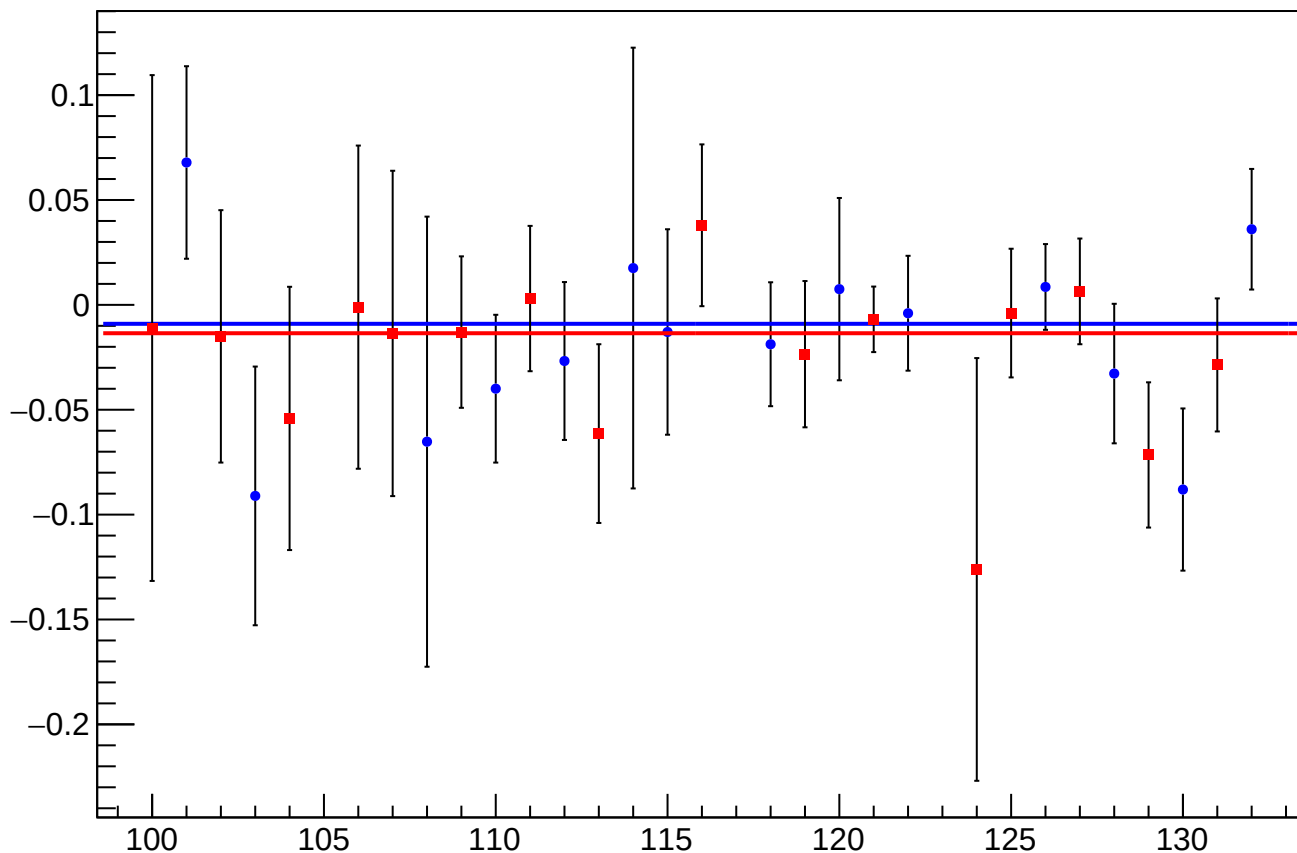
Right: 0.000+/-0.000 χ^2/NDF : 928032.6/29

In: 0.000+/-0.000 χ^2/NDF : 568093.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 928032.6/29

asym_sam_13_57_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009 ± 0.010 χ^2/NDF : 14.1/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.014 ± 0.009 χ^2/NDF : 9.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

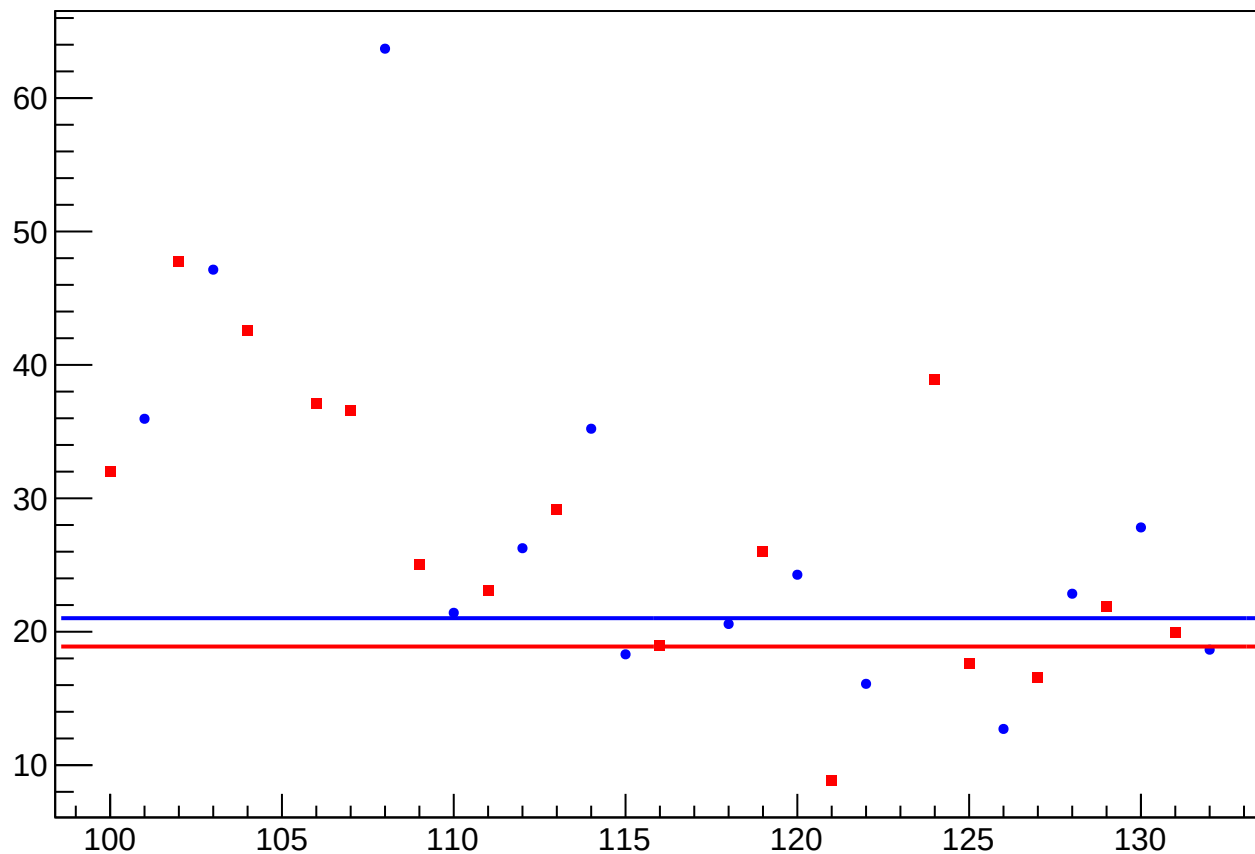
Right: -0.011 ± 0.006 χ^2/NDF : 23.2/29

In: -0.009 ± 0.010 χ^2/NDF : 14.1/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.006 χ^2/NDF : 23.2/29

asym_sam_13_57_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.016+/-0.007 χ^2/NDF : 1456845.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.891+/-0.006 χ^2/NDF : 2216025.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

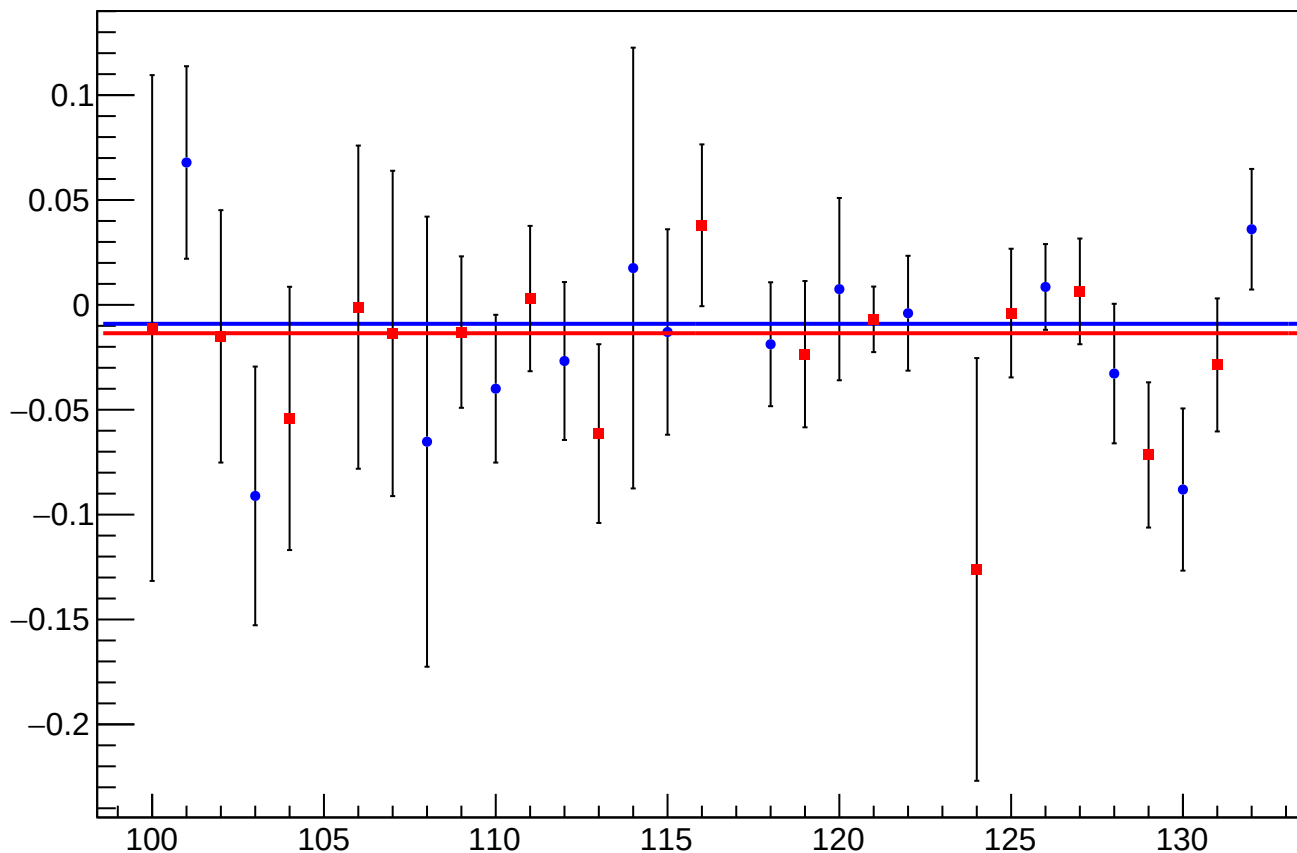
Right: 19.857+/-0.005 χ^2/NDF : 3727235.5/29

In: 21.016+/-0.007 χ^2/NDF : 1456845.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.857+/-0.005 χ^2/NDF : 3727235.5/29

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009 ± 0.010 χ^2/NDF : 14.1/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.014 ± 0.009 χ^2/NDF : 9.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

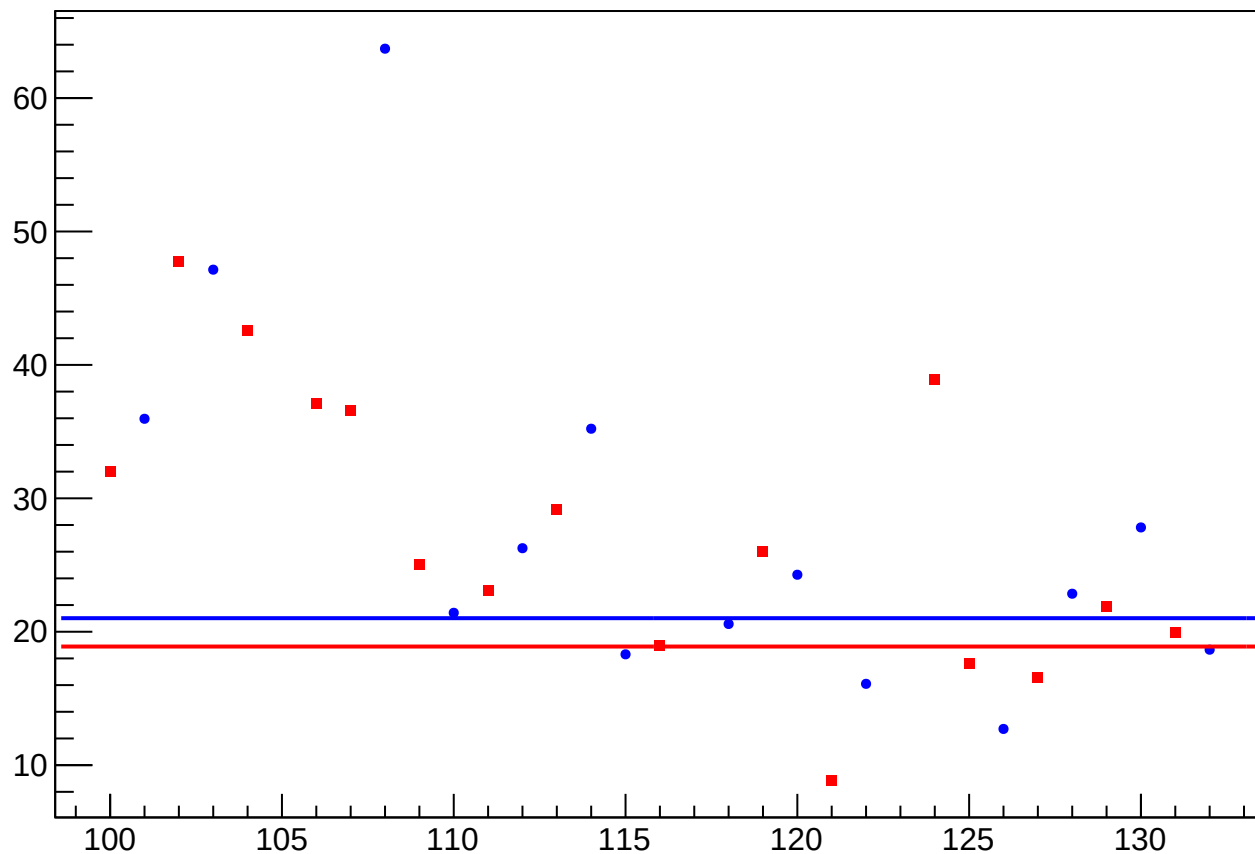
Right: -0.011 ± 0.006 χ^2/NDF : 23.2/29

In: -0.009 ± 0.010 χ^2/NDF : 14.1/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.006 χ^2/NDF : 23.2/29

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.016+/-0.007 χ^2/NDF : 1456845.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.891+/-0.006 χ^2/NDF : 2216025.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

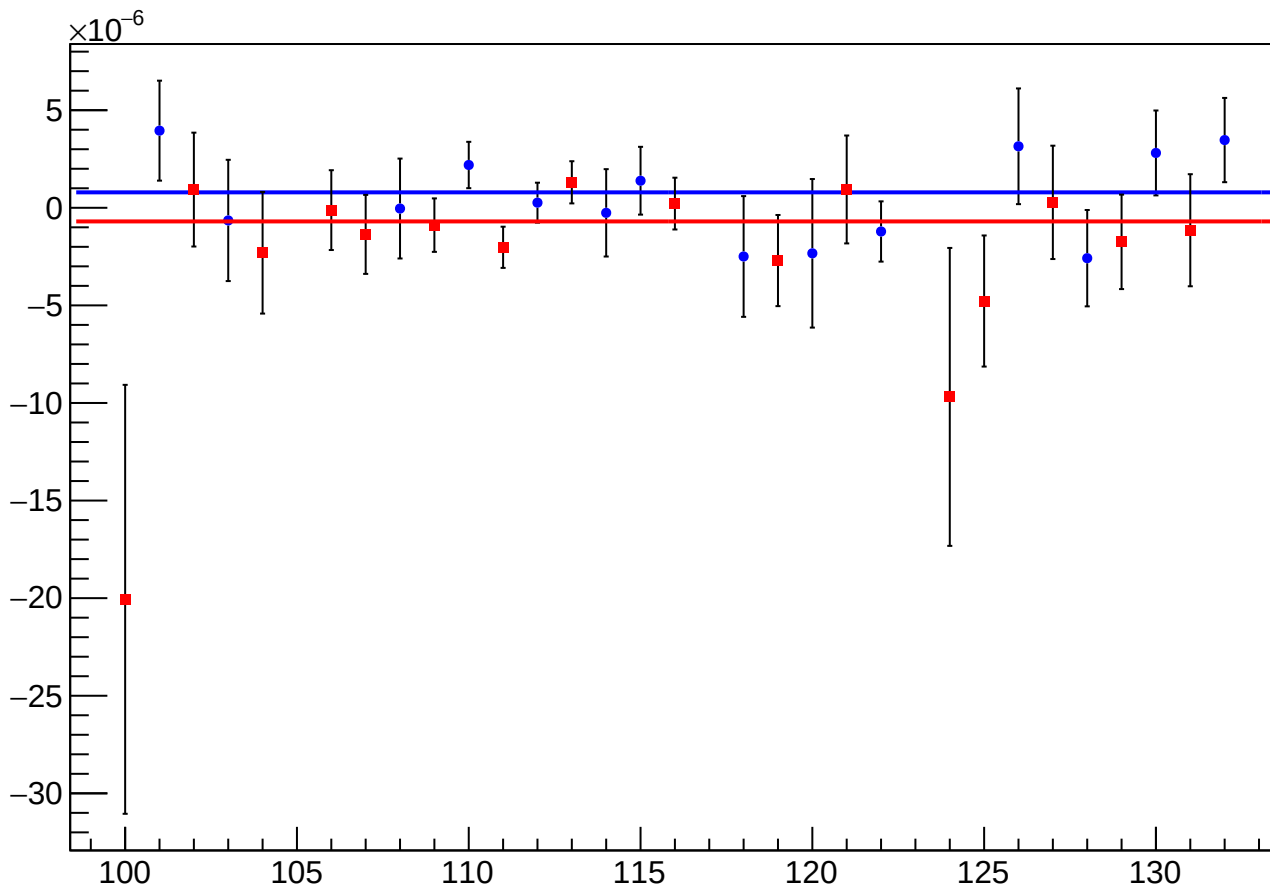
Right: 19.857+/-0.005 χ^2/NDF : 3727235.5/29

In: 21.016+/-0.007 χ^2/NDF : 1456845.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.857+/-0.005 χ^2/NDF : 3727235.5/29

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

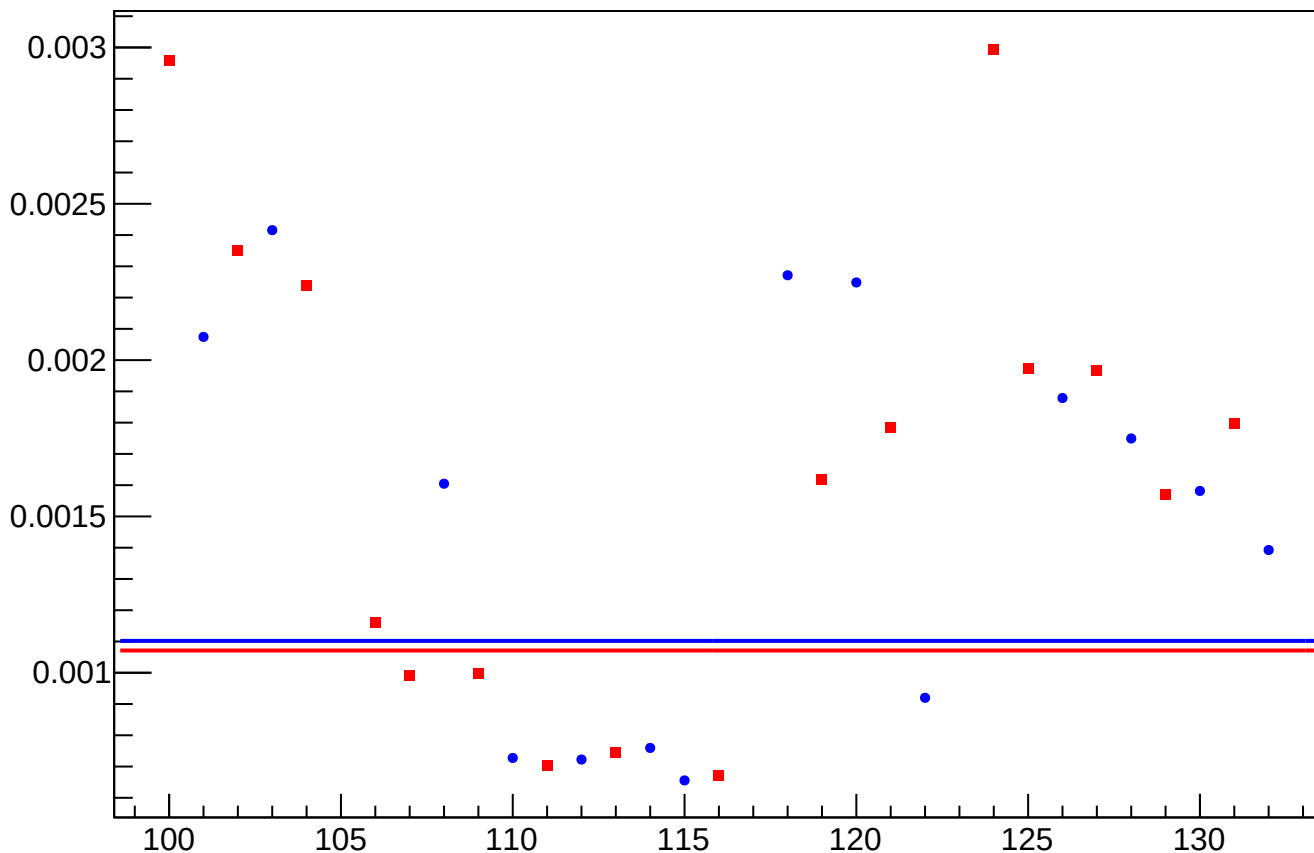
Right: 0.000+/-0.000 χ^2/NDF : 30.5/29

In: 0.000+/-0.000 χ^2/NDF : 12.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.5/29

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2279958.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2257516.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

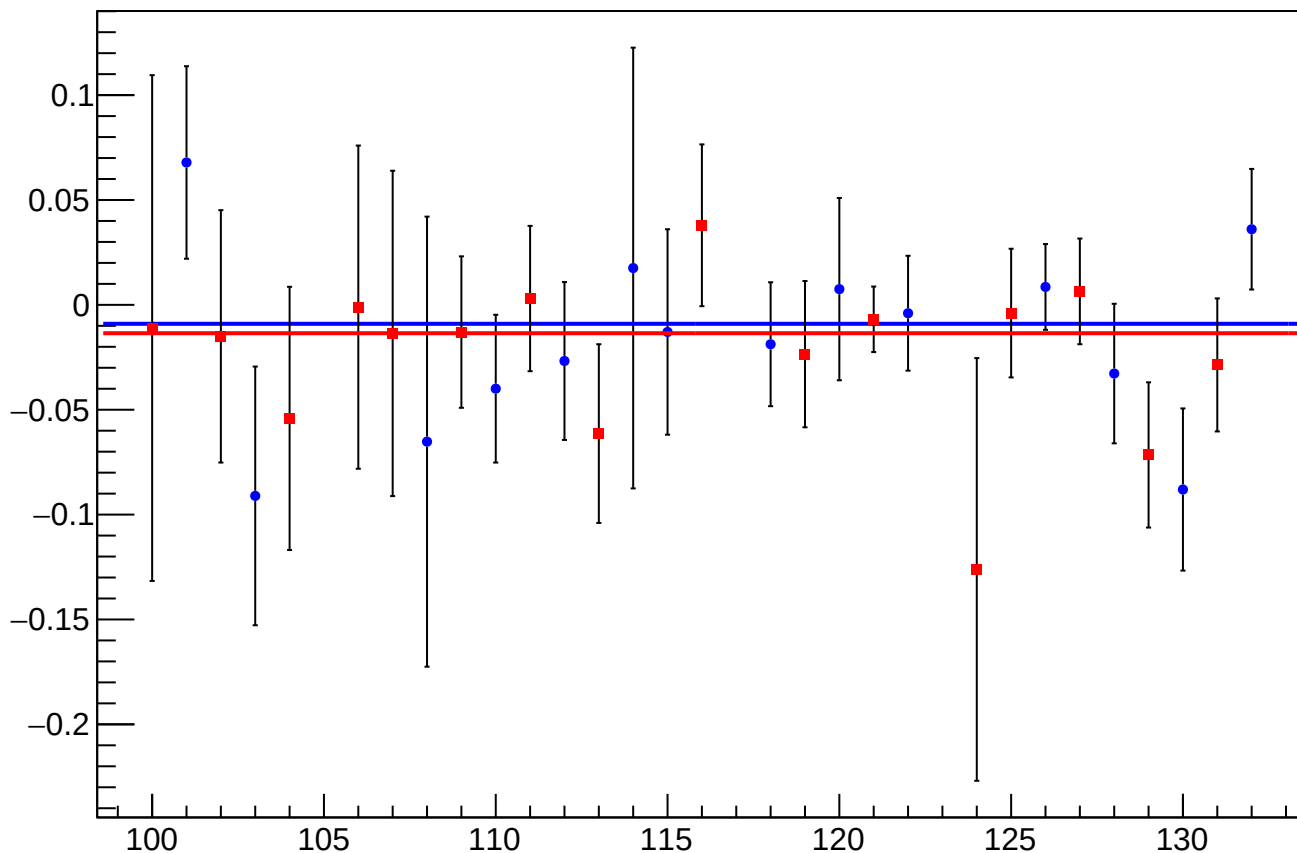
Right: 0.001+/-0.000 χ^2/NDF : 4541404.6/29

In: 0.001+/-0.000 χ^2/NDF :2279958.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4541404.6/29

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009 ± 0.010 χ^2/NDF : 14.1/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.014 ± 0.009 χ^2/NDF : 9.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

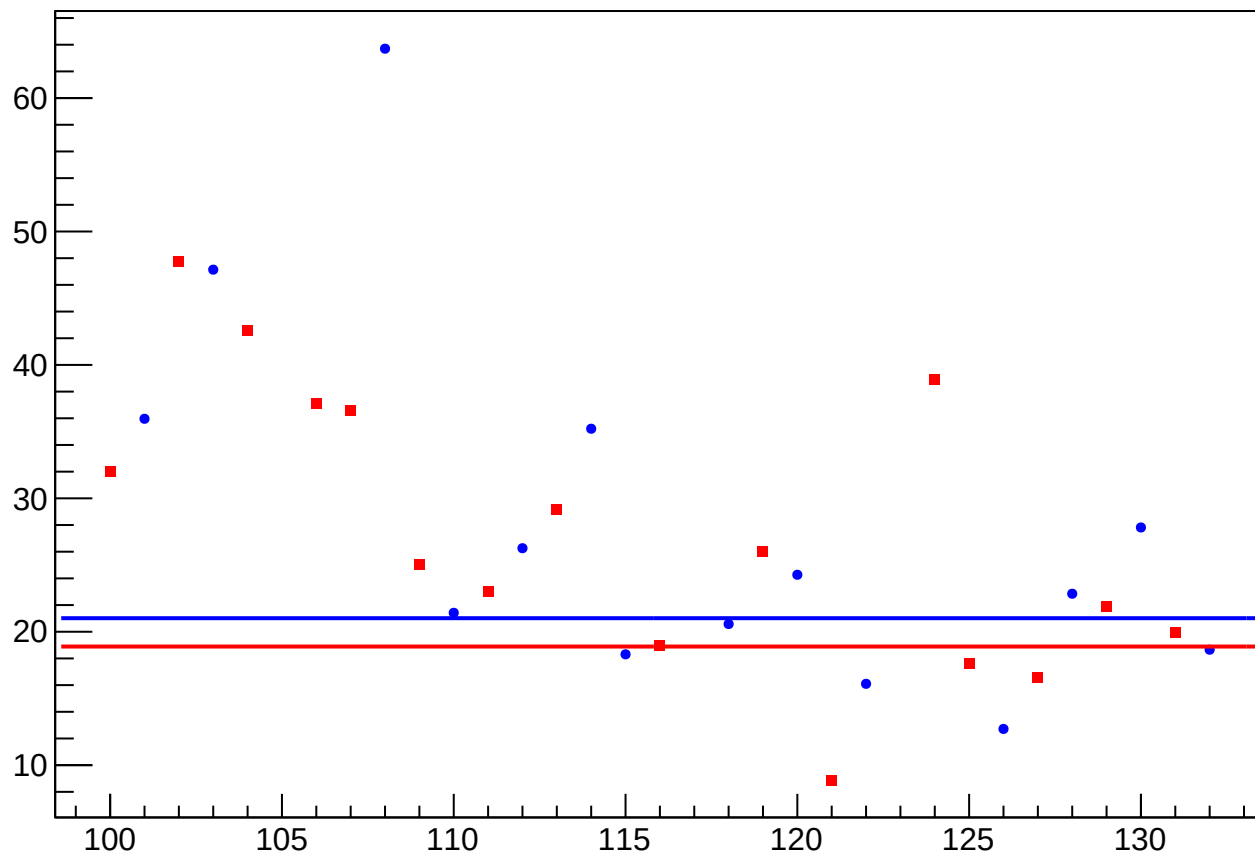
Right: -0.011 ± 0.006 χ^2/NDF : 23.2/29

In: -0.009 ± 0.010 χ^2/NDF : 14.1/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.006 χ^2/NDF : 23.2/29

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.017+/-0.007 χ^2/NDF : 1456677.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.892+/-0.006 χ^2/NDF : 2215700.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

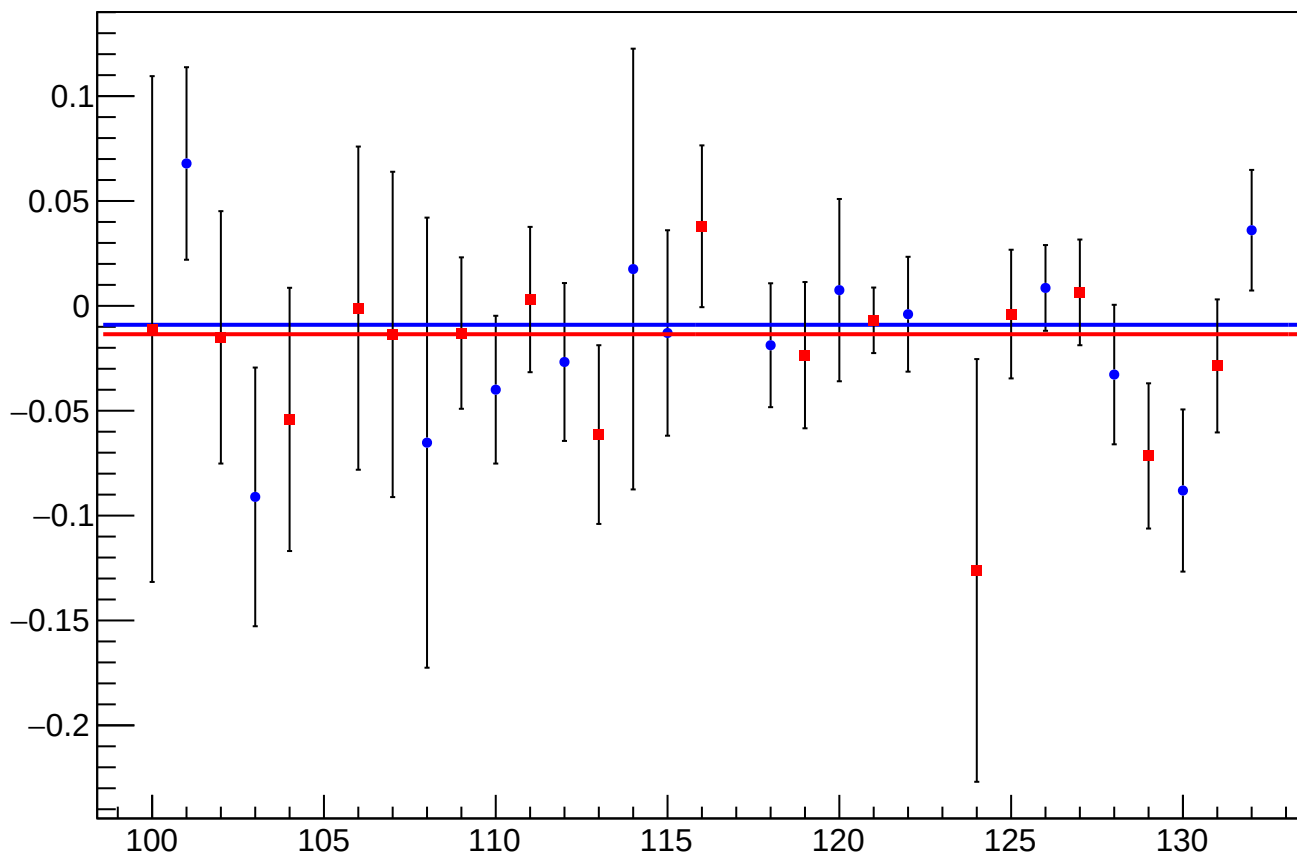
Right: 19.857+/-0.005 χ^2/NDF : 3726727.5/29

In: 21.017+/-0.007 χ^2/NDF : 1456677.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.857+/-0.005 χ^2/NDF : 3726727.5/29

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009 ± 0.010 χ^2/NDF : 14.1/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.014 ± 0.009 χ^2/NDF : 9.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

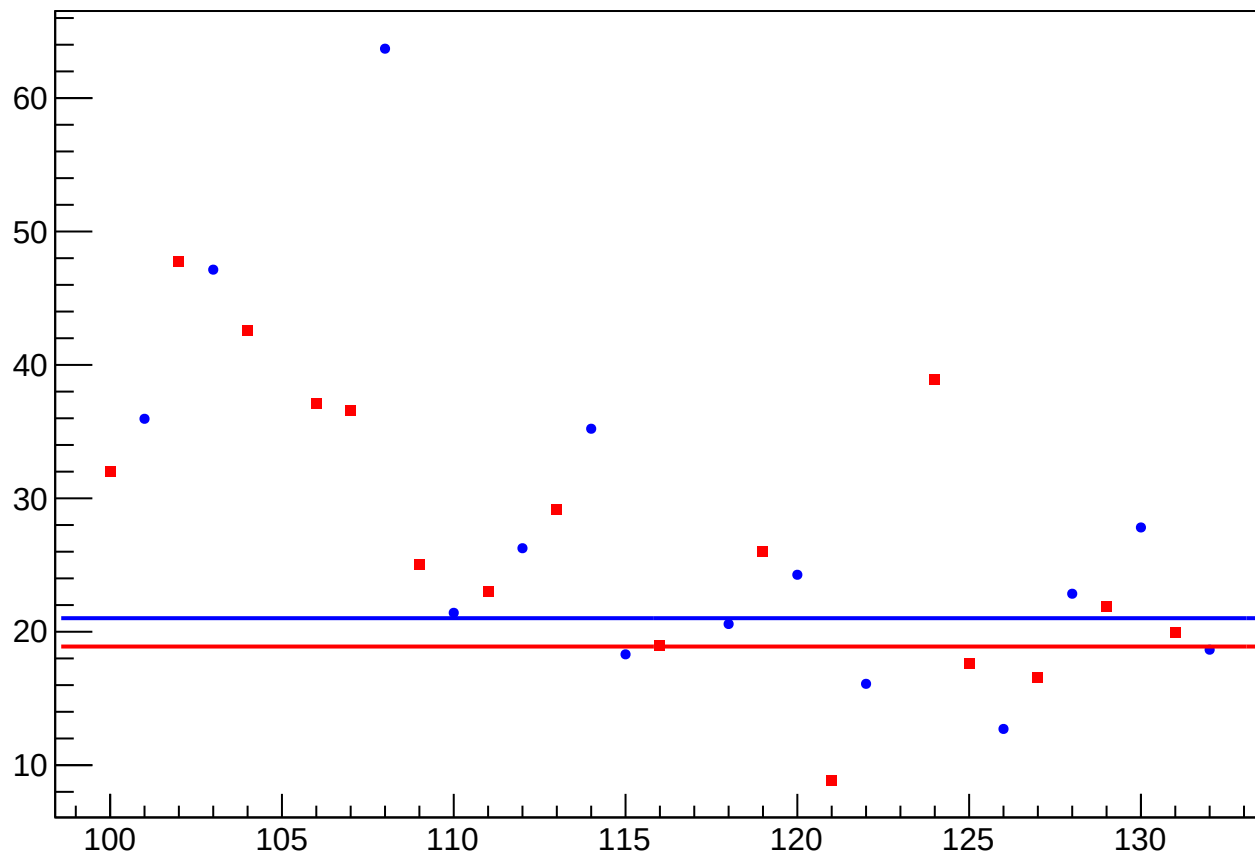
Right: -0.011 ± 0.006 χ^2/NDF : 23.2/29

In: -0.009 ± 0.010 χ^2/NDF : 14.1/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.006 χ^2/NDF : 23.2/29

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.017+/-0.007 χ^2/NDF : 1456677.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 18.892+/-0.006 χ^2/NDF : 2215700.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

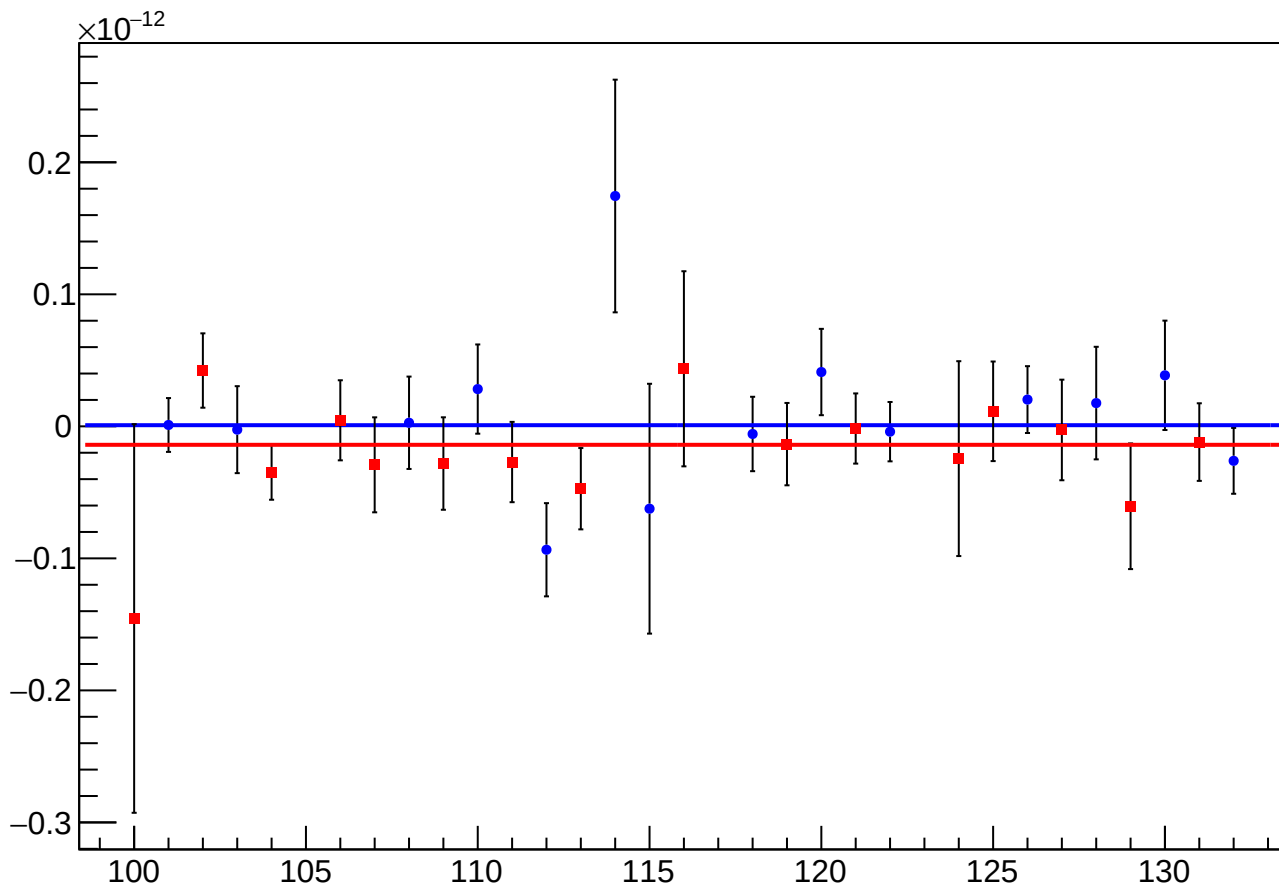
Right: 19.857+/-0.005 χ^2/NDF : 3726727.5/29

In: 21.017+/-0.007 χ^2/NDF :1456677.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 19.857+/-0.005 χ^2/NDF : 3726727.5/29

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

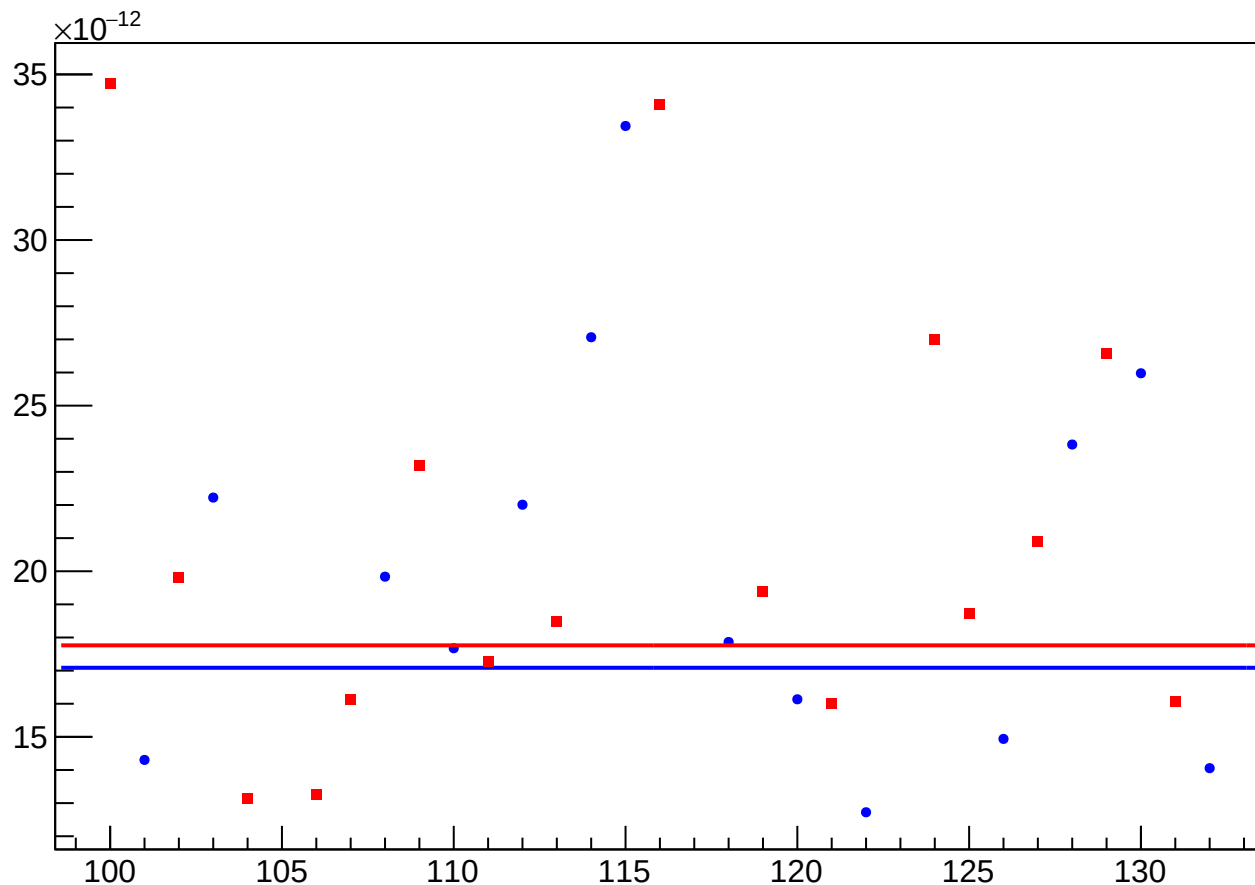
Right: -0.000+/-0.000 χ^2/NDF : 28.3/29

In: 0.000+/-0.000 χ^2/NDF : 16.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.3/29

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 487803.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 465083.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

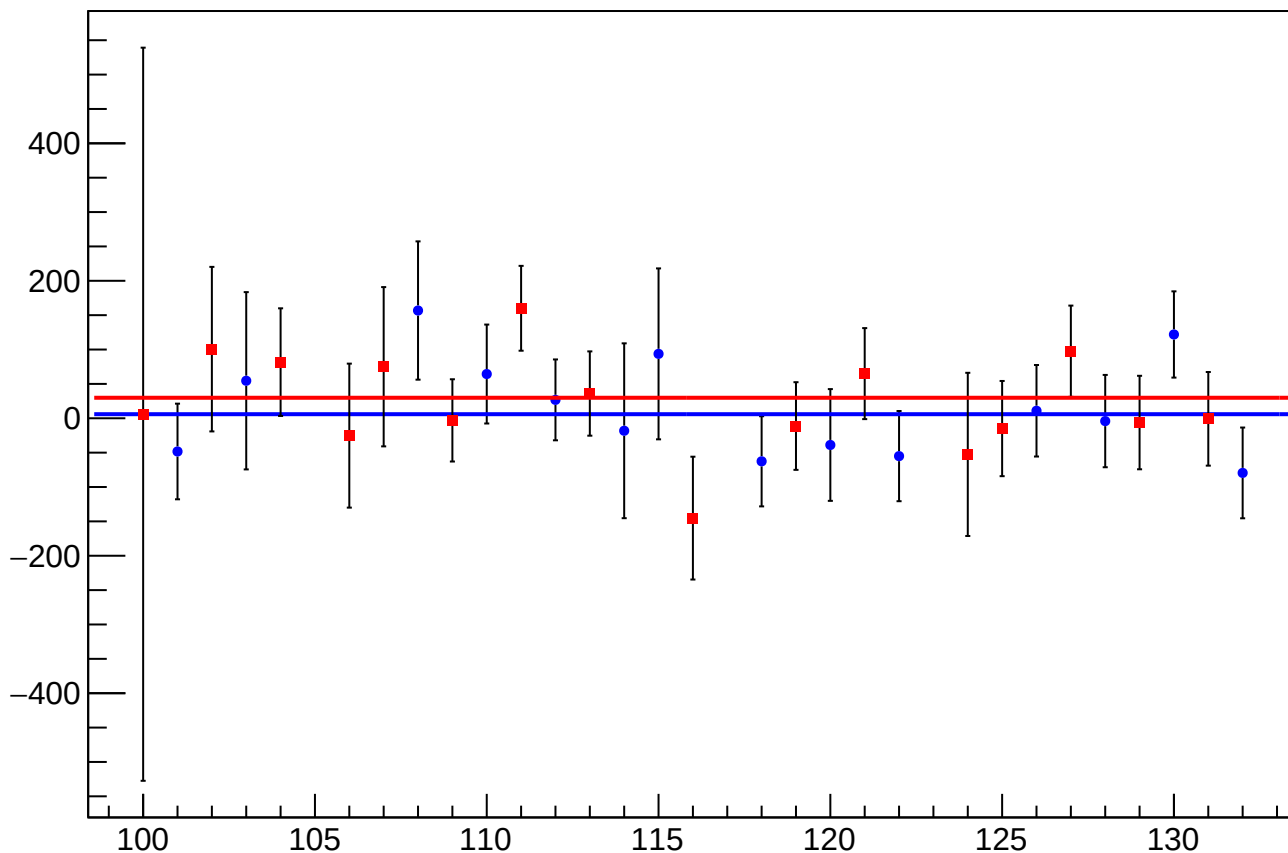
Right: 0.000+/-0.000 χ^2/NDF : 959470.0/29

In: 0.000+/-0.000 χ^2/NDF : 487803.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 959470.0/29

reg_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 5.929+/-19.917 χ^2/NDF : 11.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.843+/-19.078 χ^2/NDF : 12.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

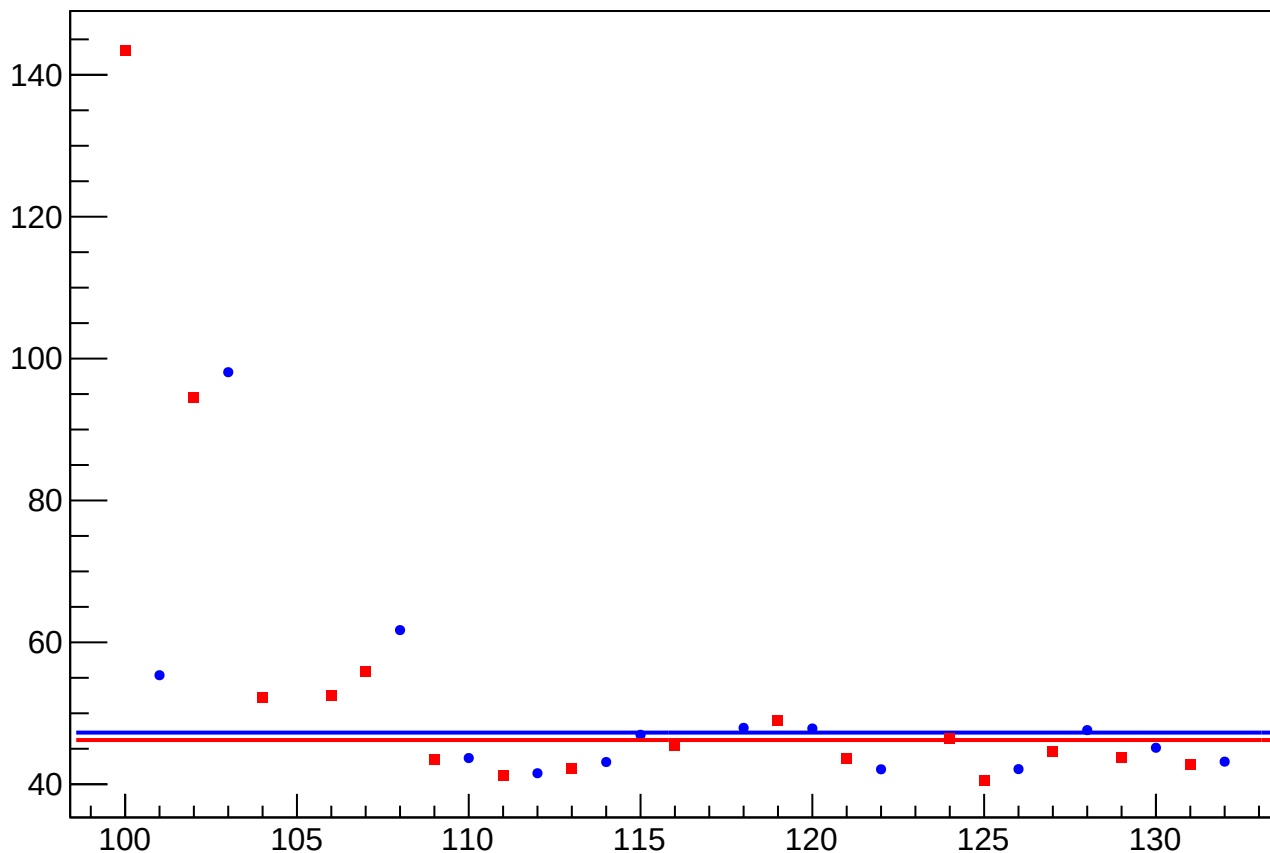
Right: 18.400+/-13.777 χ^2/NDF : 25.4/29

In: 5.929+/-19.917 χ^2/NDF : 11.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.400+/-13.777 χ^2/NDF : 25.4/29

reg_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 47.281+/-0.014 χ^2/NDF : 439487.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.230+/-0.013 χ^2/NDF : 480942.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

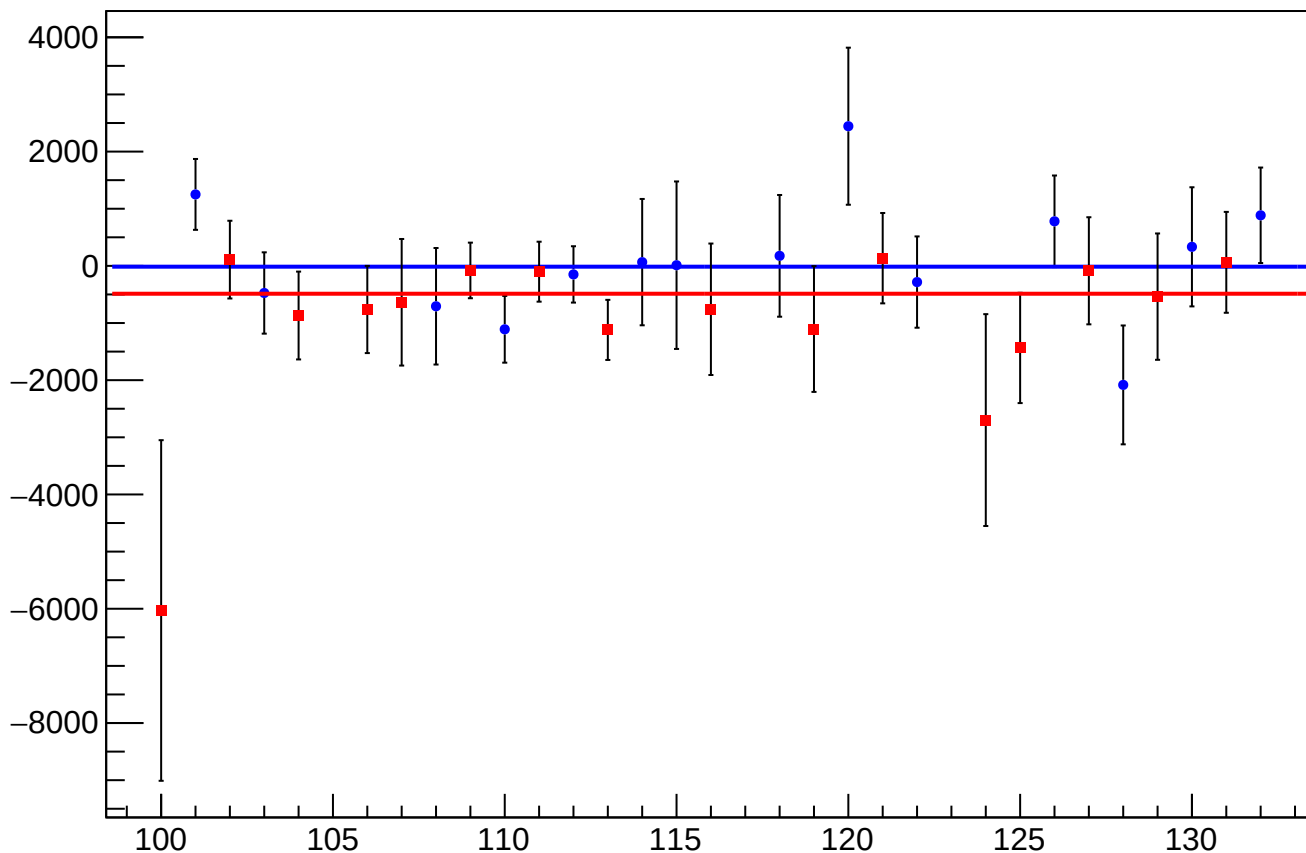
Right: 46.733+/-0.010 χ^2/NDF : 923330.7/29

In: 47.281+/-0.014 χ^2/NDF : 439487.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.733+/-0.010 χ^2/NDF : 923330.7/29

asym_sam_15_37_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -14.113 ± 214.768 $\chi^2/\text{NDF}: 18.2/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -487.456 ± 197.012 $\chi^2/\text{NDF}: 11.3/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

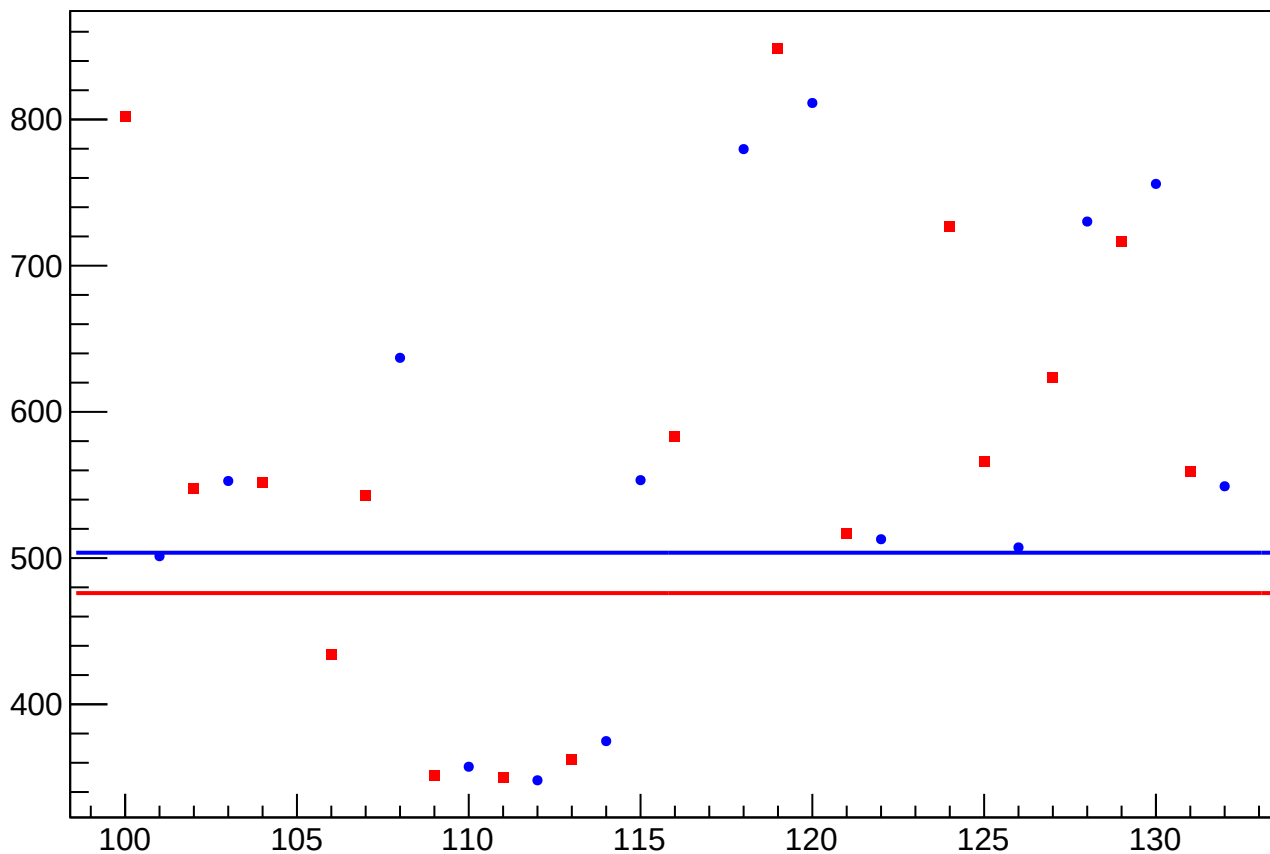
Right: -271.158 ± 145.181 $\chi^2/\text{NDF}: 32.1/29$

In: -14.113 ± 214.768 $\chi^2/\text{NDF}: 18.2/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -271.158 ± 145.181 $\chi^2/\text{NDF}: 32.1/29$

asym_sam_15_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 503.680+/-0.152 χ^2/NDF : 850993.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 476.069+/-0.139 χ^2/NDF : 886428.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

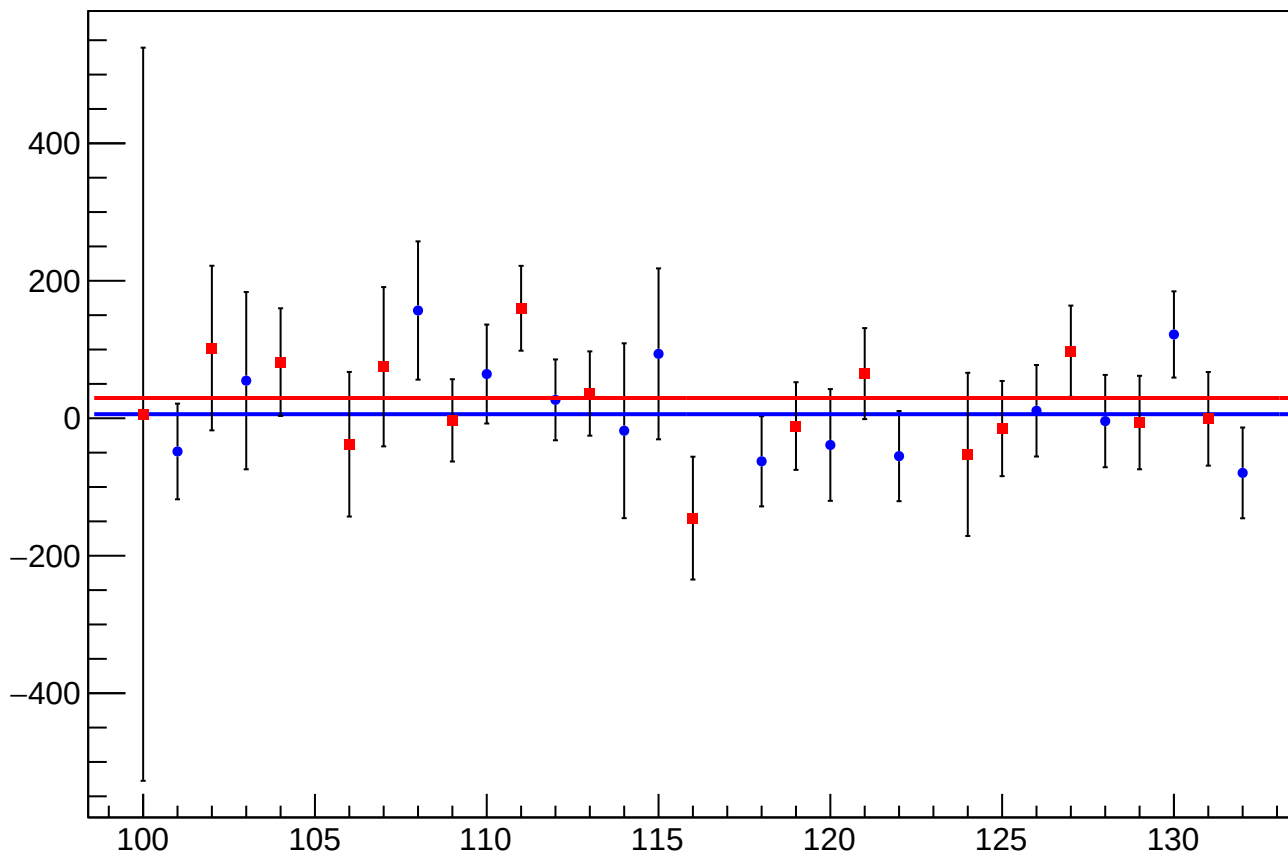
Right: 488.686+/-0.103 χ^2/NDF : 1755374.2/29

In: 503.680+/-0.152 χ^2/NDF : 850993.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 488.686+/-0.103 χ^2/NDF : 1755374.2/29

cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 5.936+/-19.917 χ^2/NDF : 11.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.488+/-19.081 χ^2/NDF : 13.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

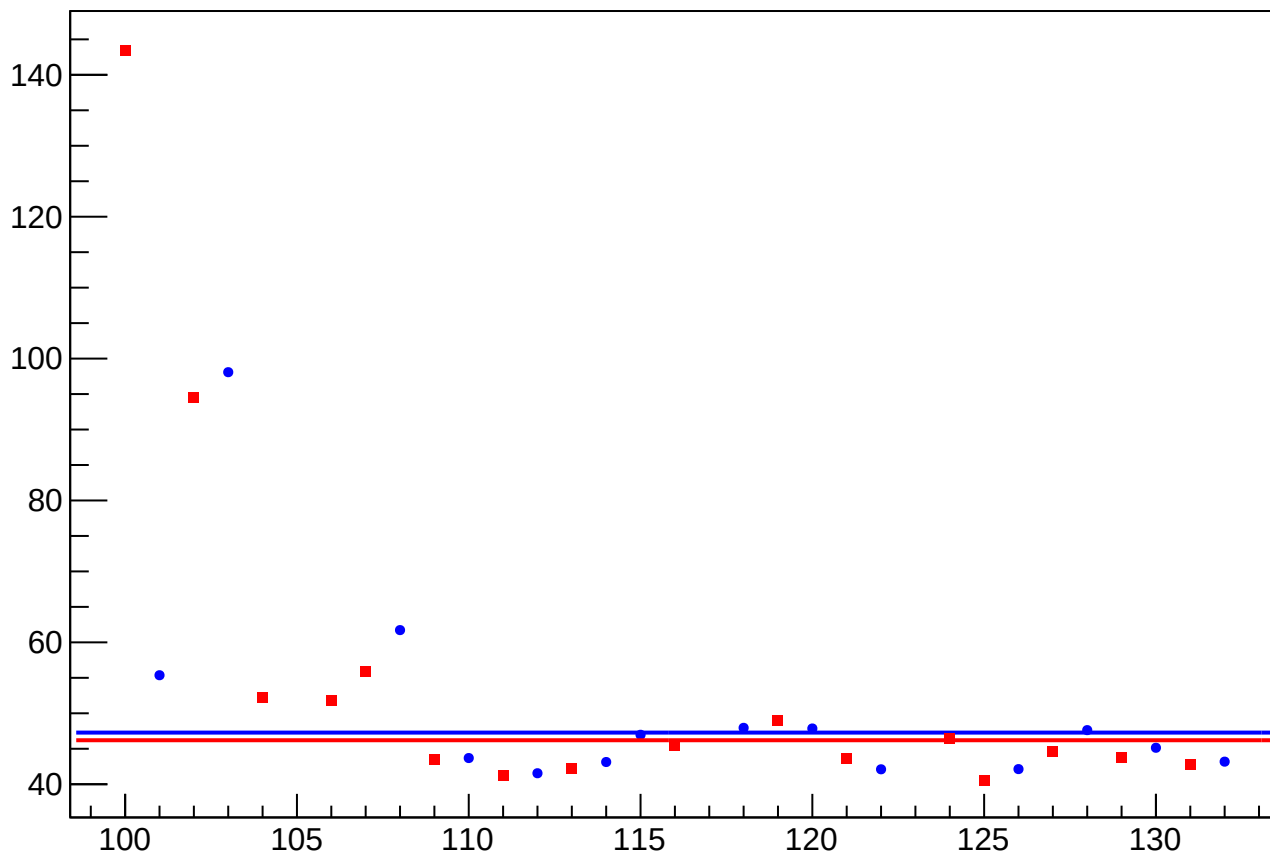
Right: 18.216+/-13.778 χ^2/NDF : 25.5/29

In: 5.936+/-19.917 χ^2/NDF : 11.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.216+/-13.778 χ^2/NDF : 25.5/29

cor_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 47.281+/-0.014 χ^2/NDF : 439490.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.202+/-0.013 χ^2/NDF : 479376.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

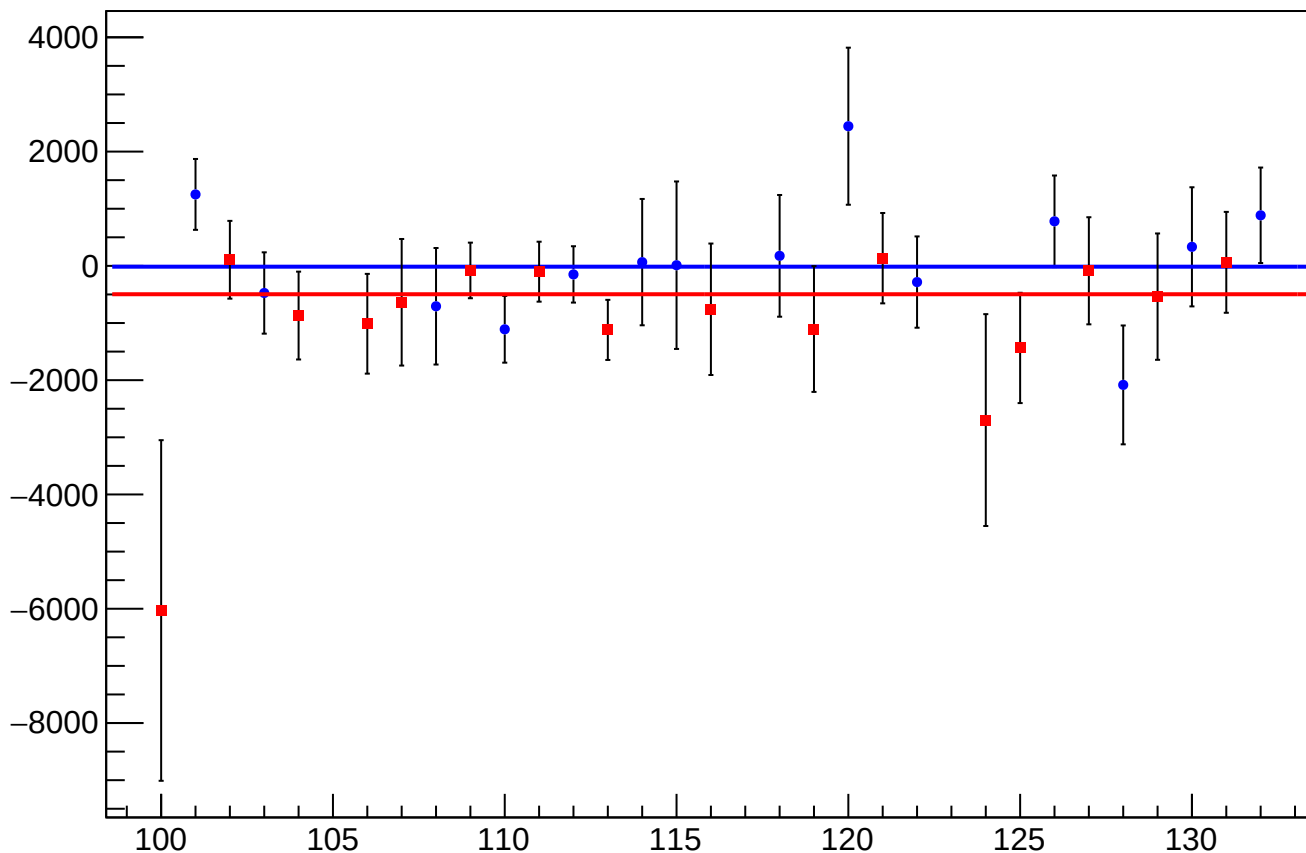
Right: 46.718+/-0.010 χ^2/NDF : 921928.3/29

In: 47.281+/-0.014 χ^2/NDF : 439490.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.718+/-0.010 χ^2/NDF : 921928.3/29

asym_sam_15_37_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -14.112 $\pm$ 214.770 χ^2 /NDF: 18.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -496.275 $\pm$ 198.598 χ^2 /NDF: 11.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

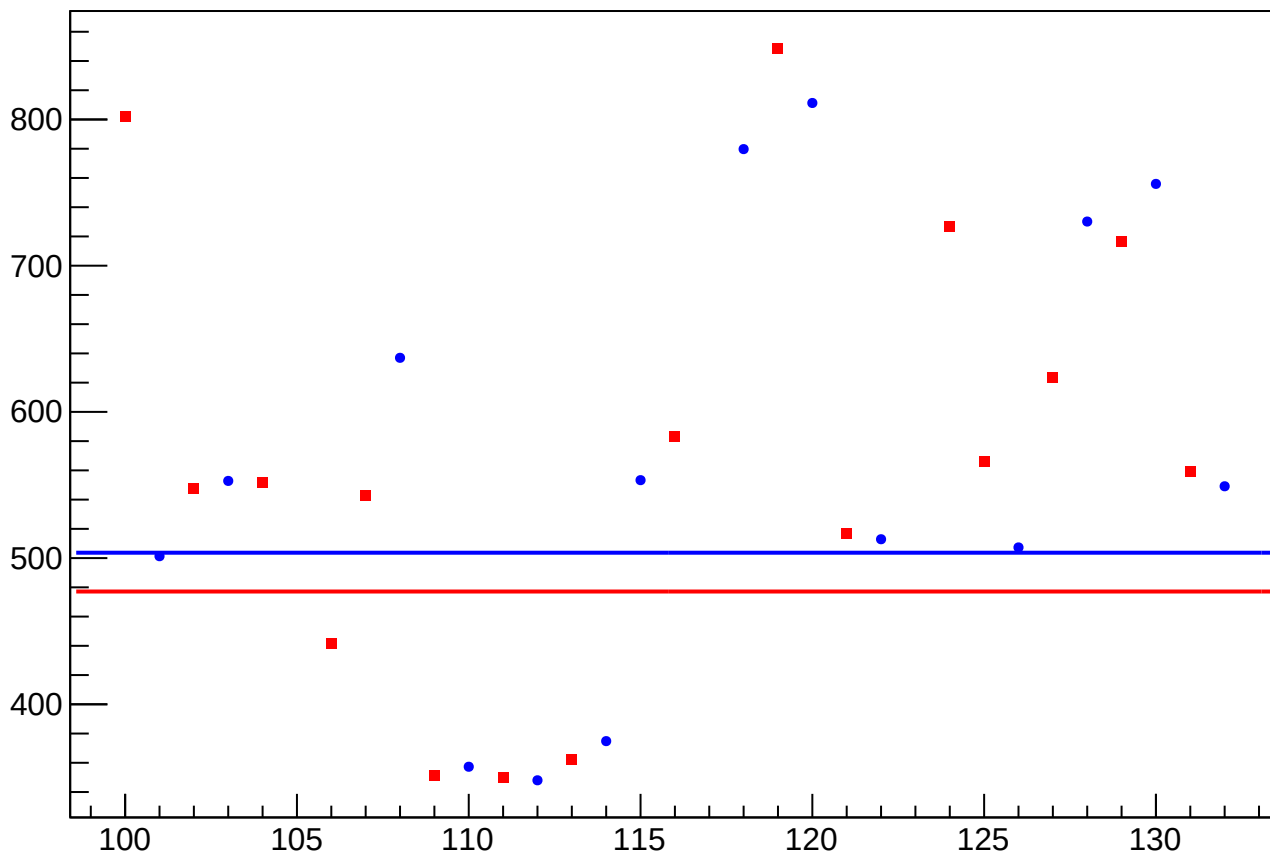
Right: -274.029 $\pm$ 145.812 χ^2 /NDF: 32.4/29

In: -14.112 $\pm$ 214.770 χ^2 /NDF:18.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -274.029 $\pm$ 145.812 χ^2 /NDF: 32.4/29

asym_sam_15_37_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 503.684 $\pm$ 0.152 χ^2 /NDF: 851015.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 477.144 $\pm$ 0.140 χ^2 /NDF: 883690.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

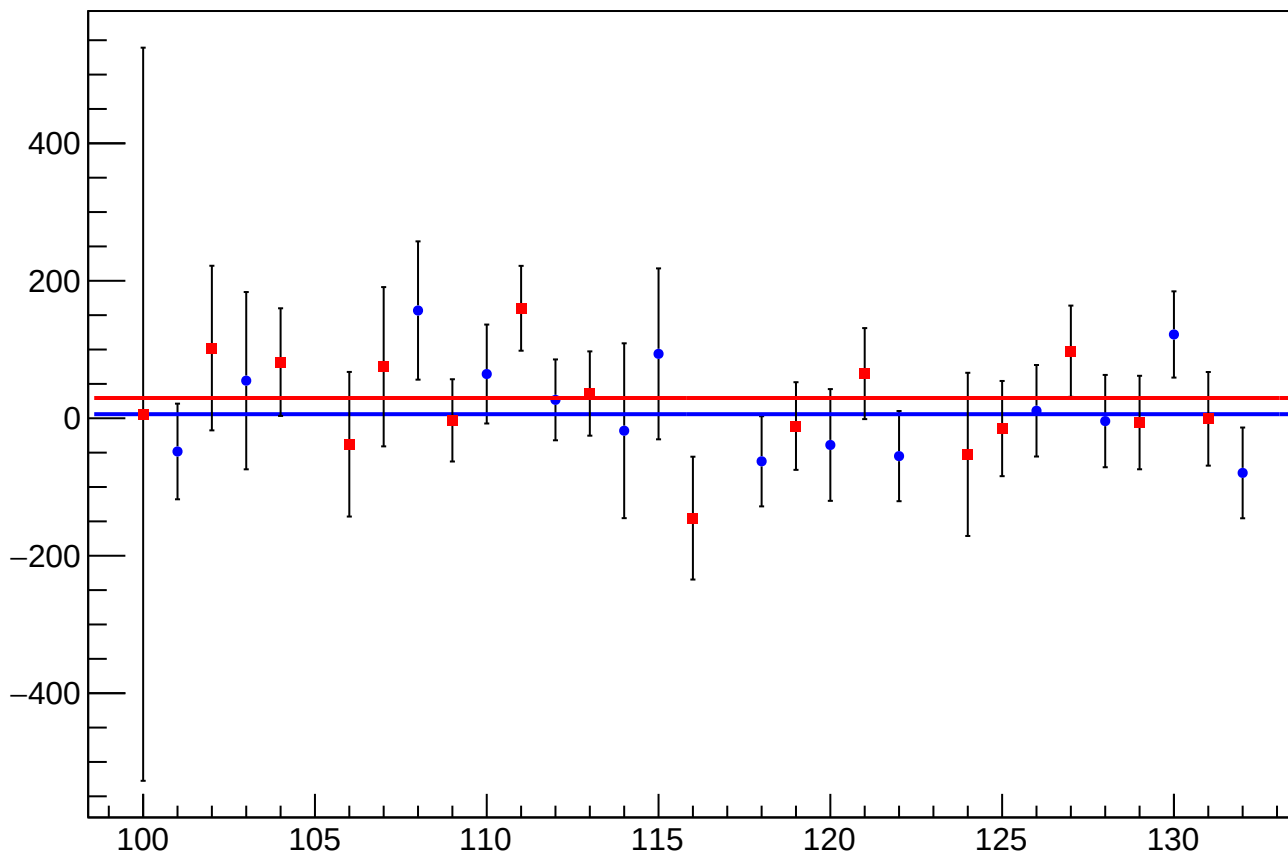
Right: 489.377 $\pm$ 0.103 χ^2 /NDF: 1751168.7/29

In: 503.684 $\pm$ 0.152 χ^2 /NDF:851015.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 489.377 $\pm$ 0.103 χ^2 /NDF: 1751168.7/29

eigen_cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 5.936 $\pm$ 19.917 χ^2 /NDF: 11.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 29.488 $\pm$ 19.081 χ^2 /NDF: 13.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

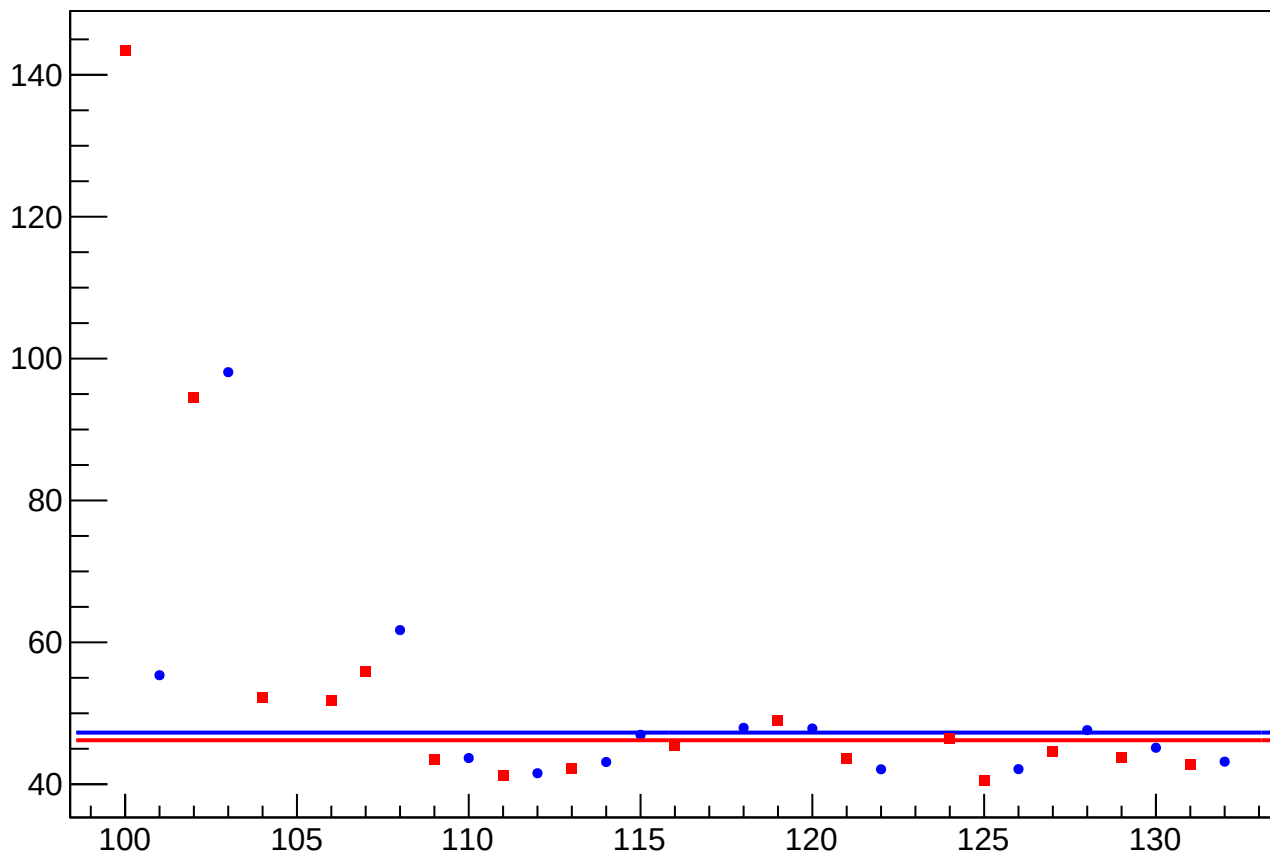
Right: 18.216 $\pm$ 13.778 χ^2 /NDF: 25.5/29

In: 5.936 $\pm$ 19.917 χ^2 /NDF: 11.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.216 $\pm$ 13.778 χ^2 /NDF: 25.5/29

eigen_cor_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 47.281+/-0.014 χ^2/NDF : 439490.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.202+/-0.013 χ^2/NDF : 479376.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

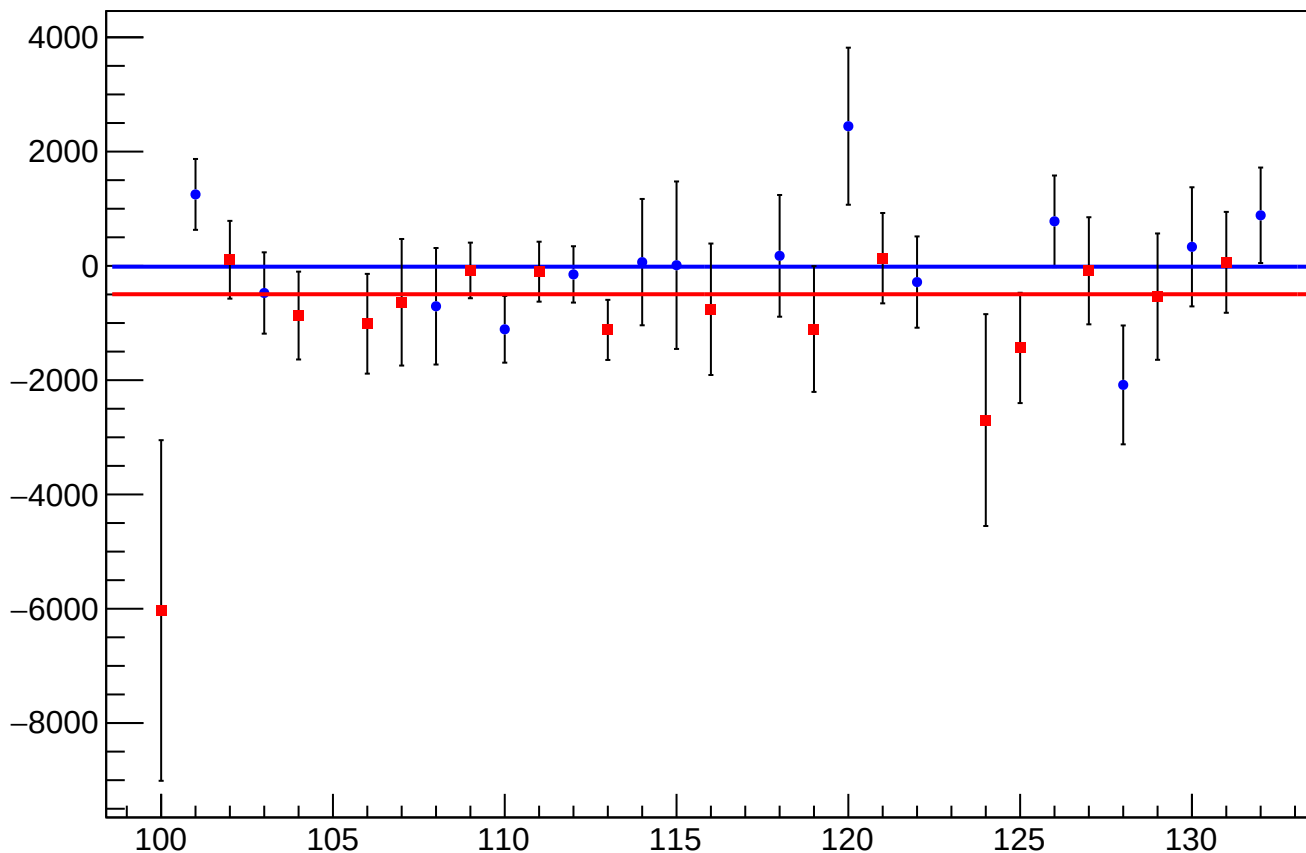
Right: 46.718+/-0.010 χ^2/NDF : 921928.3/29

In: 47.281+/-0.014 χ^2/NDF : 439490.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.718+/-0.010 χ^2/NDF : 921928.3/29

asym_sam_15_37_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -14.112 ± 214.770 χ^2/NDF : 18.2/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -496.275 ± 198.598 χ^2/NDF : 11.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

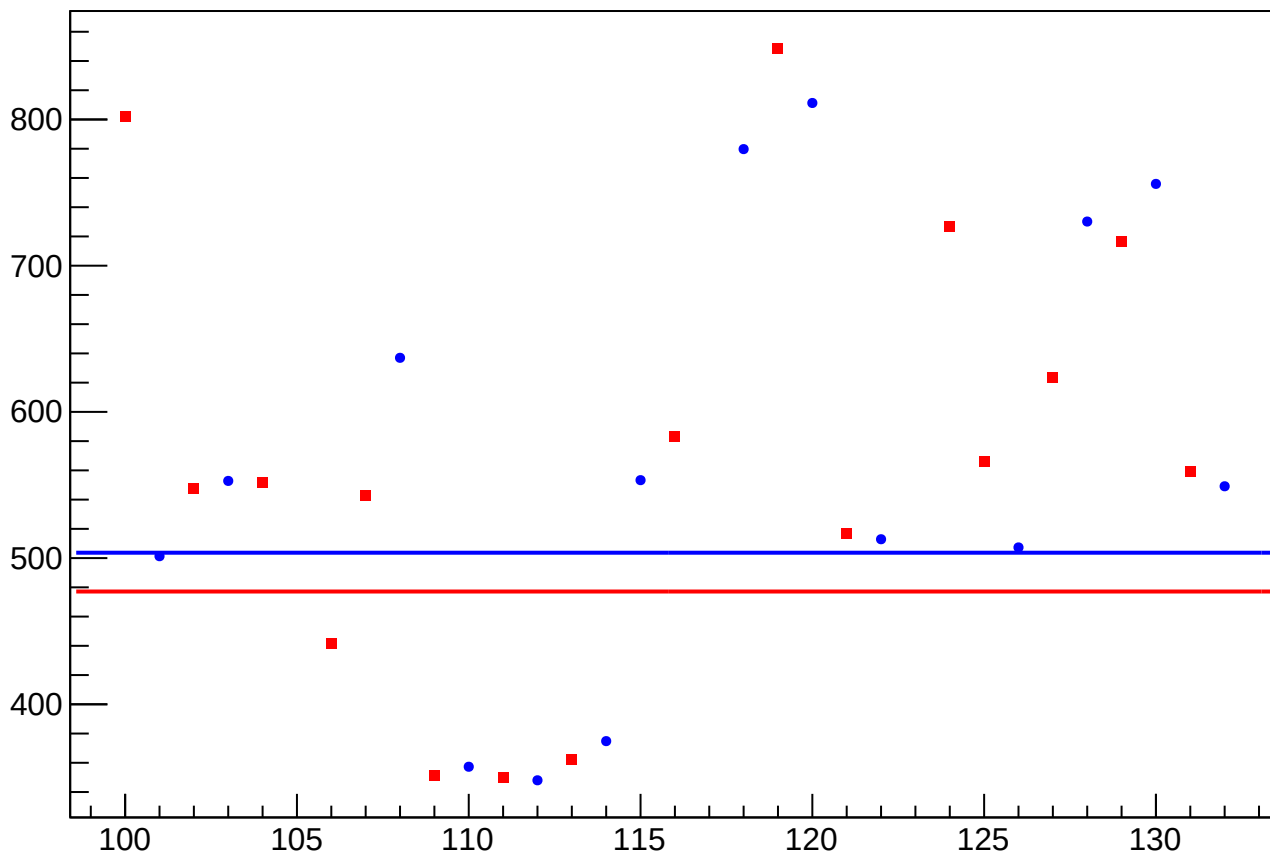
Right: -274.029 ± 145.812 χ^2/NDF : 32.4/29

In: -14.112 ± 214.770 χ^2/NDF : 18.2/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -274.029 ± 145.812 χ^2/NDF : 32.4/29

asym_sam_15_37_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 503.684 $\pm$ 0.152 χ^2 /NDF: 851015.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 477.144 $\pm$ 0.140 χ^2 /NDF: 883690.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

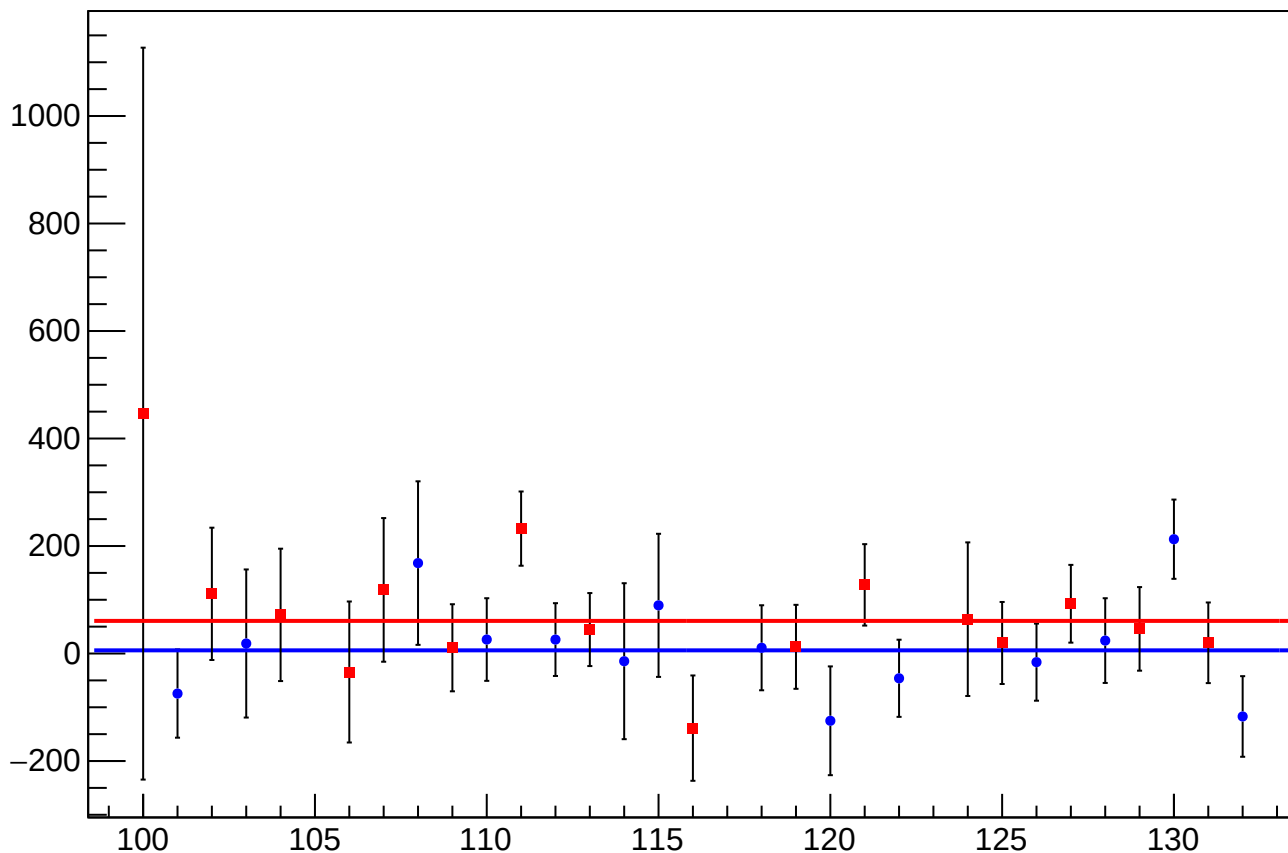
Right: 489.377 $\pm$ 0.103 χ^2 /NDF: 1751168.7/29

In: 503.684 $\pm$ 0.152 χ^2 /NDF:851015.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 489.377 $\pm$ 0.103 χ^2 /NDF: 1751168.7/29

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 5.903 $\pm$ 22.914 χ^2 /NDF: 15.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 60.686 $\pm$ 22.225 χ^2 /NDF: 14.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

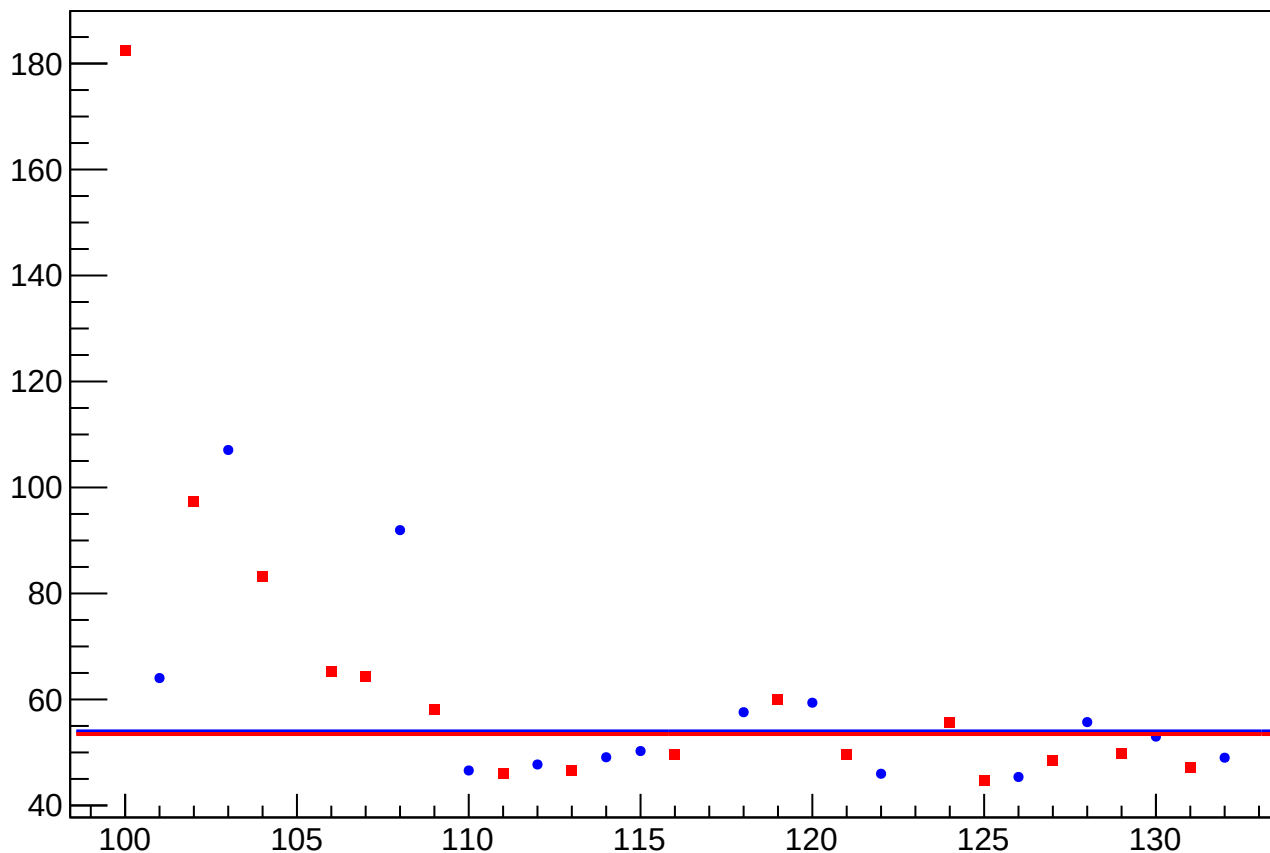
Right: 34.130 $\pm$ 15.953 χ^2 /NDF: 32.5/29

In: 5.903 $\pm$ 22.914 χ^2 /NDF:15.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 34.130 $\pm$ 15.953 χ^2 /NDF: 32.5/29

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 53.964 $\pm$ 0.016 χ^2 /NDF: 564681.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 53.475 $\pm$ 0.016 χ^2 /NDF: 599745.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

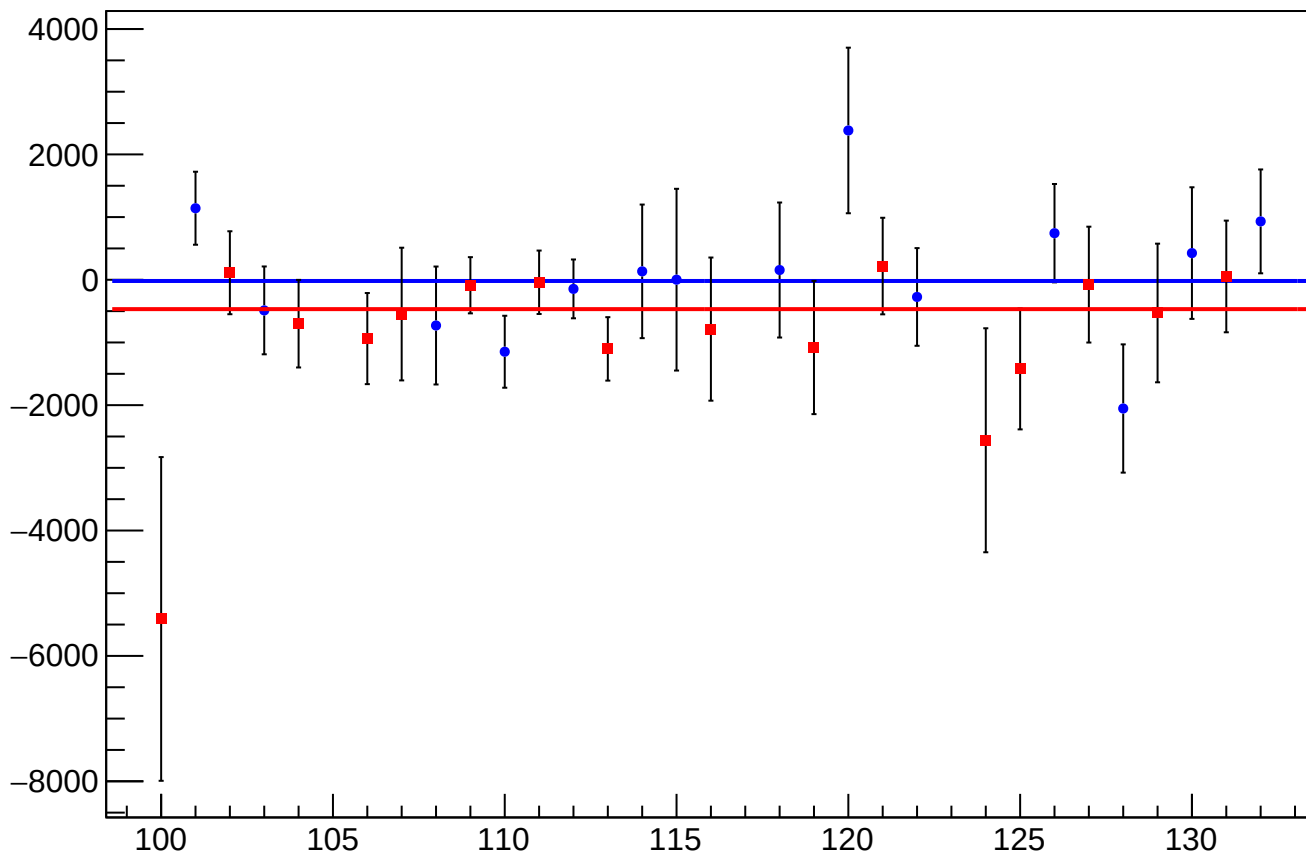
Right: 53.712 $\pm$ 0.011 χ^2 /NDF: 1164895.1/29

In: 53.964 $\pm$ 0.016 χ^2 /NDF: 564681.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 53.712 $\pm$ 0.011 χ^2 /NDF: 1164895.1/29

asym_sam_15_37_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -19.135 ± 208.159 χ^2/NDF : 18.8/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -468.191 ± 188.872 χ^2/NDF : 12.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

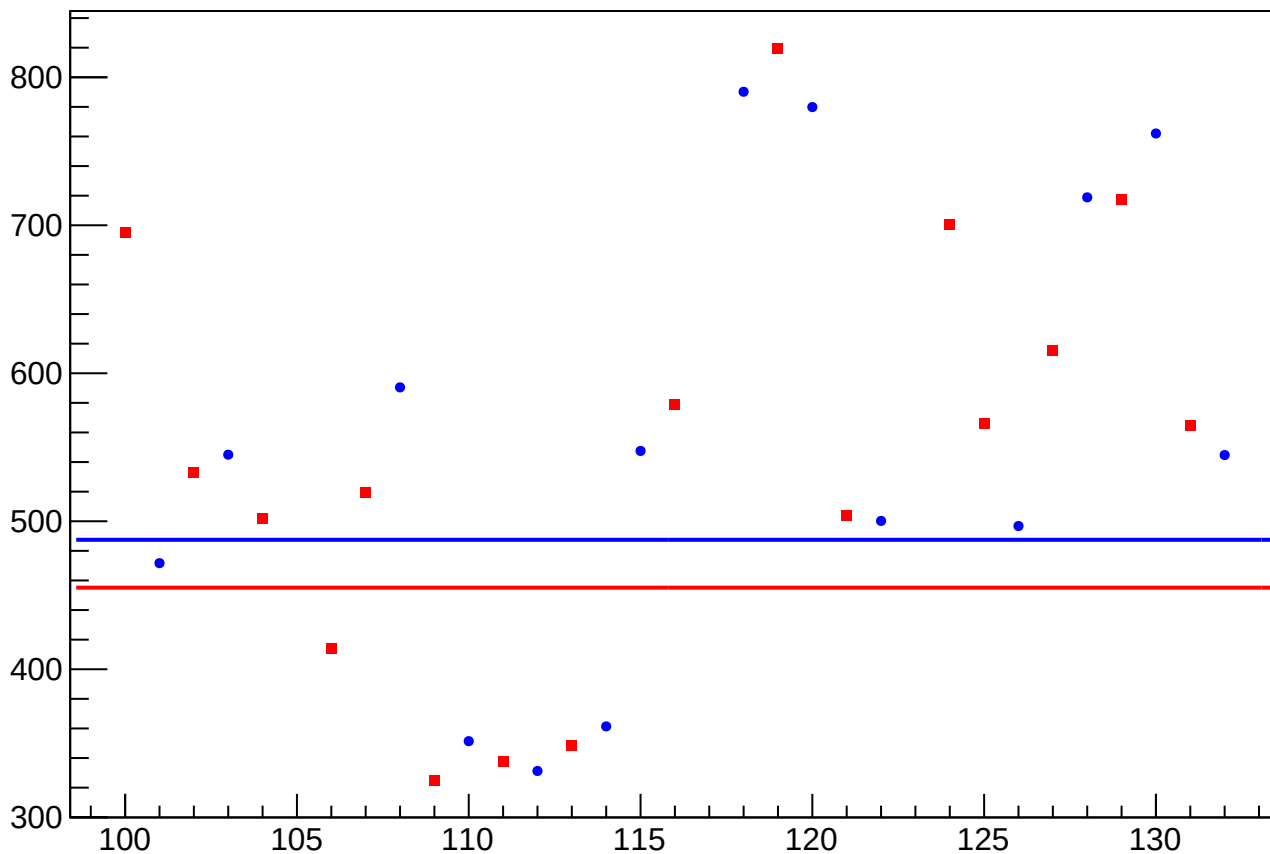
Right: -265.426 ± 139.875 χ^2/NDF : 33.4/29

In: -19.135 ± 208.159 χ^2/NDF : 18.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -265.426 ± 139.875 χ^2/NDF : 33.4/29

asym_sam_15_37_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 487.485+/-0.147 χ^2/NDF : 910111.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 455.149+/-0.134 χ^2/NDF : 965939.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

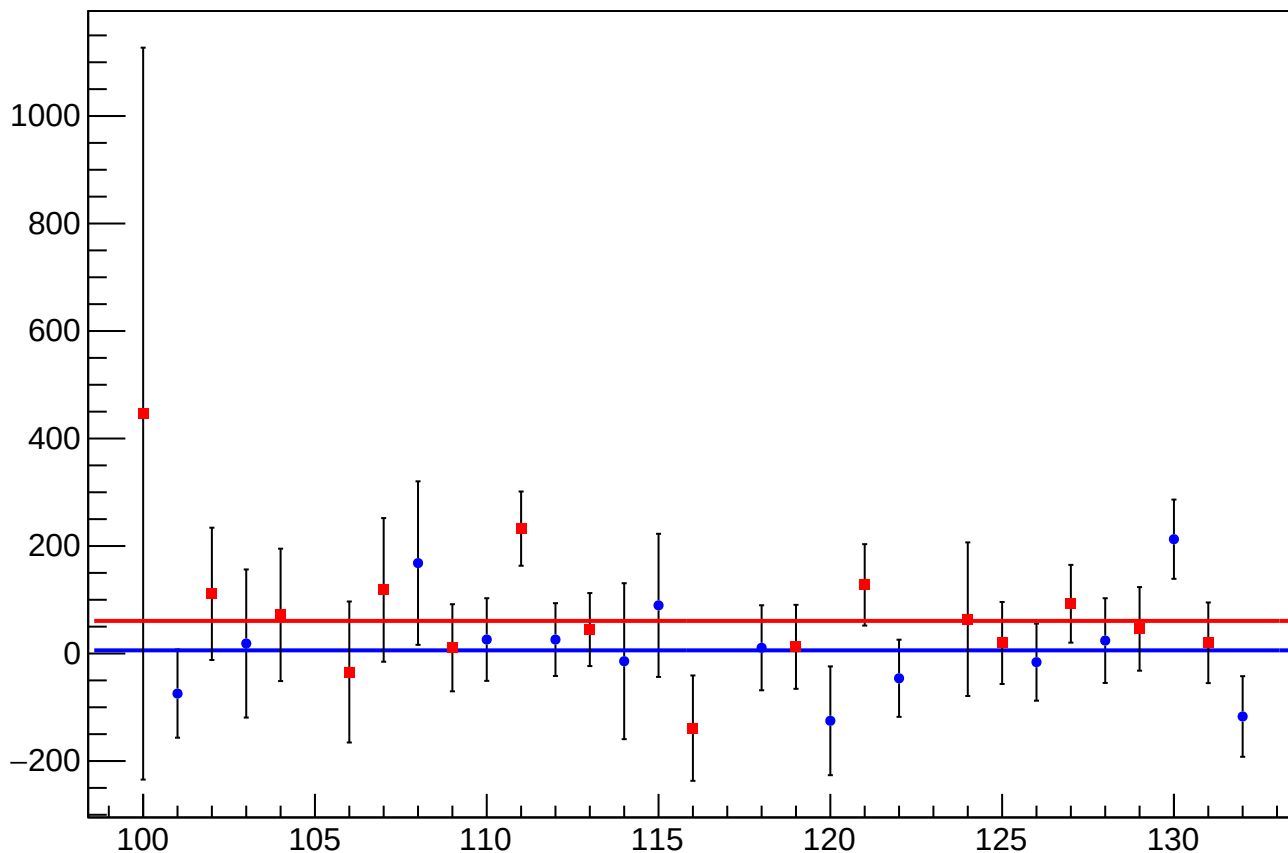
Right: 469.750+/-0.099 χ^2/NDF : 1902522.2/29

In: 487.485+/-0.147 χ^2/NDF : 910111.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 469.750+/-0.099 χ^2/NDF : 1902522.2/29

eigen_dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 5.903 $\pm$ 22.914 χ^2 /NDF: 15.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 60.687 $\pm$ 22.225 χ^2 /NDF: 14.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

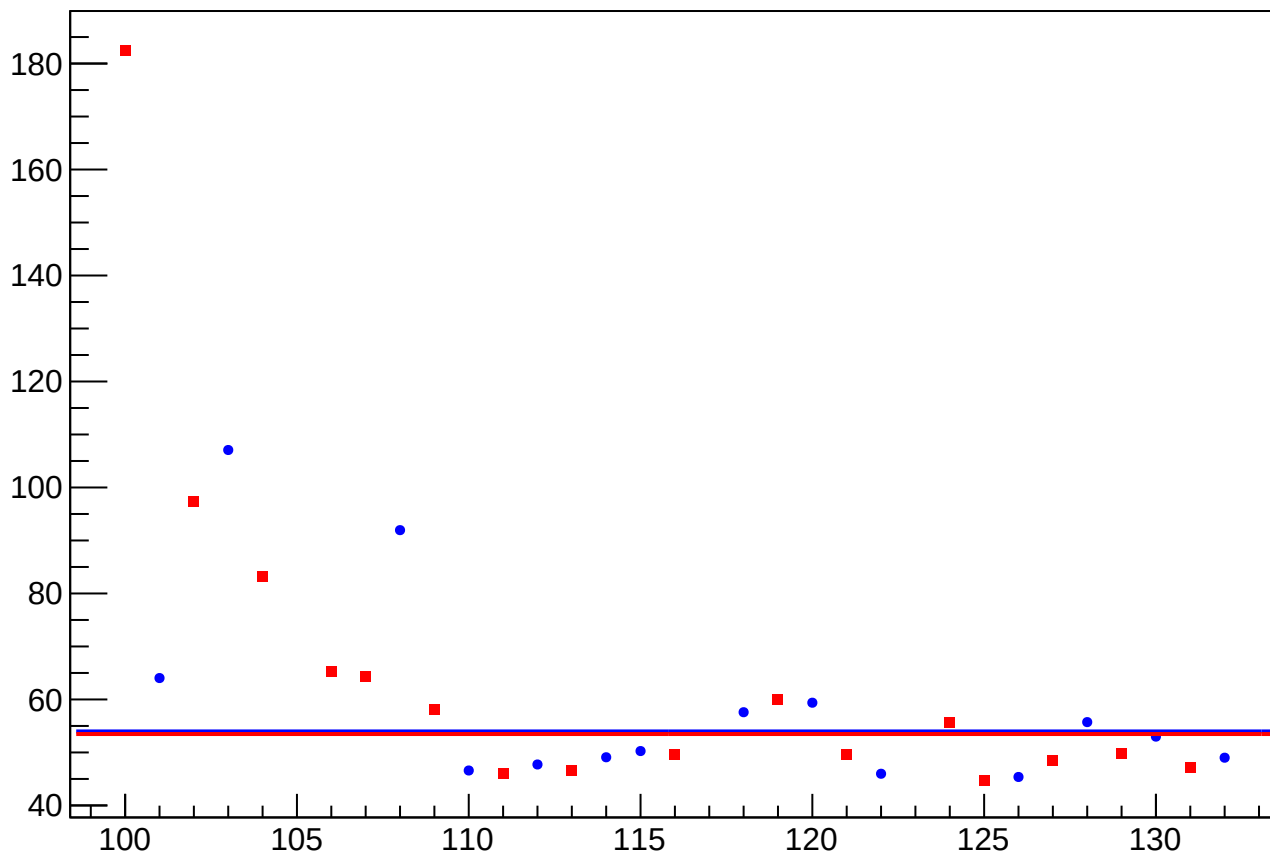
Right: 34.131 $\pm$ 15.953 χ^2 /NDF: 32.5/29

In: 5.903 $\pm$ 22.914 χ^2 /NDF:15.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 34.131 $\pm$ 15.953 χ^2 /NDF: 32.5/29

eigen_dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 53.964+/-0.016 χ^2/NDF : 564674.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.475+/-0.016 χ^2/NDF : 599744.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

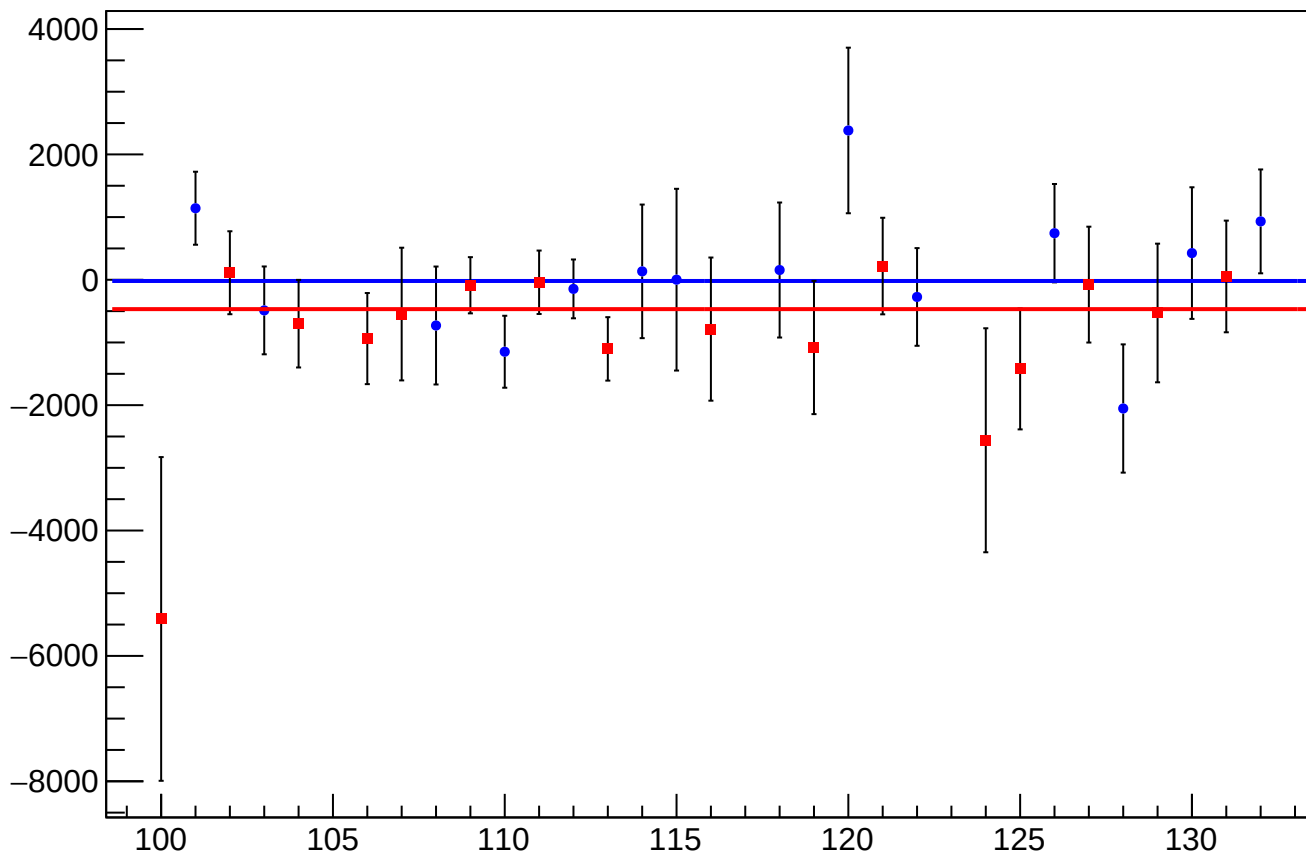
Right: 53.712+/-0.011 χ^2/NDF : 1164887.3/29

In: 53.964+/-0.016 χ^2/NDF : 564674.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.712+/-0.011 χ^2/NDF : 1164887.3/29

asym_sam_15_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -19.136 ± 208.159 χ^2/NDF : 18.8/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -468.190 ± 188.871 χ^2/NDF : 12.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

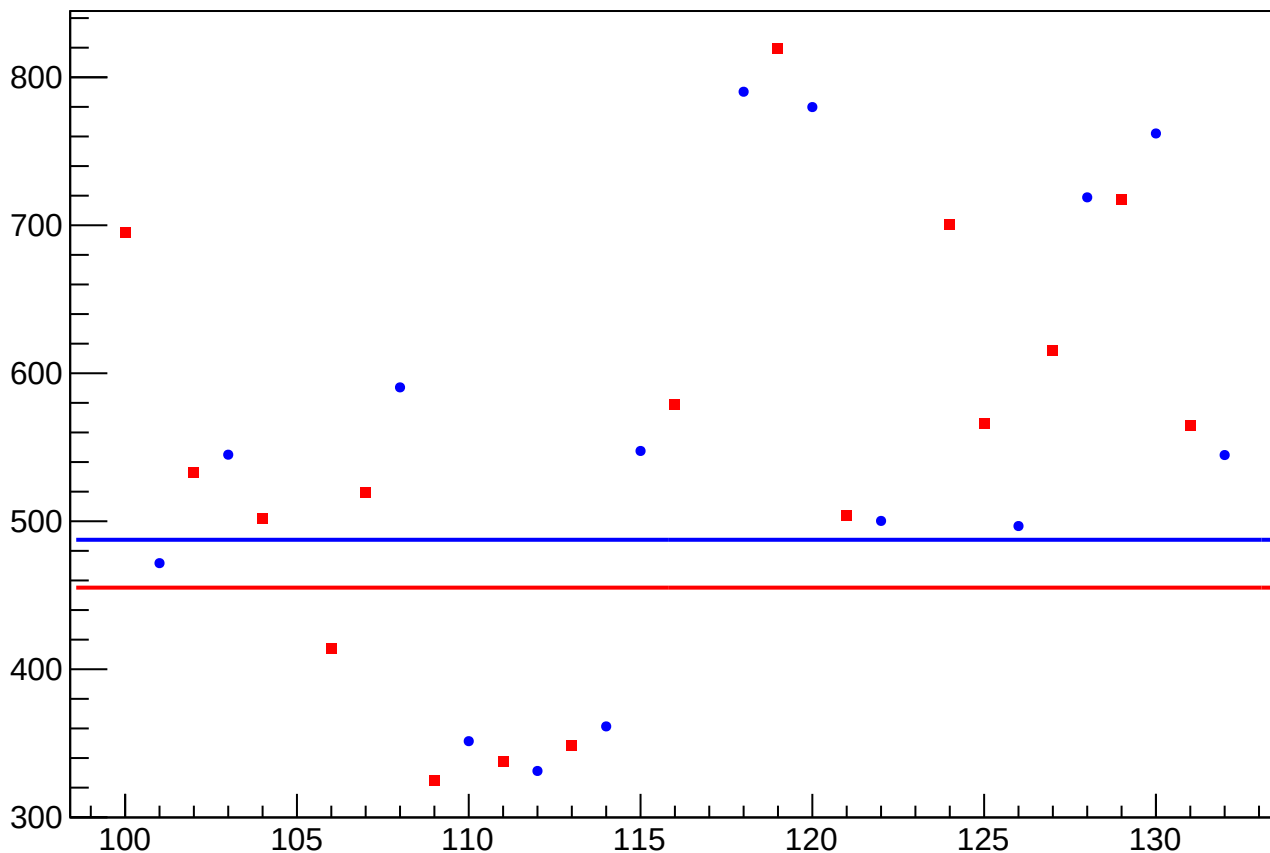
Right: -265.426 ± 139.875 χ^2/NDF : 33.4/29

In: -19.136 ± 208.159 χ^2/NDF : 18.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -265.426 ± 139.875 χ^2/NDF : 33.4/29

asym_sam_15_37_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 487.484 $\pm$ 0.147 χ^2 /NDF: 910114.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 455.148 $\pm$ 0.134 χ^2 /NDF: 965937.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

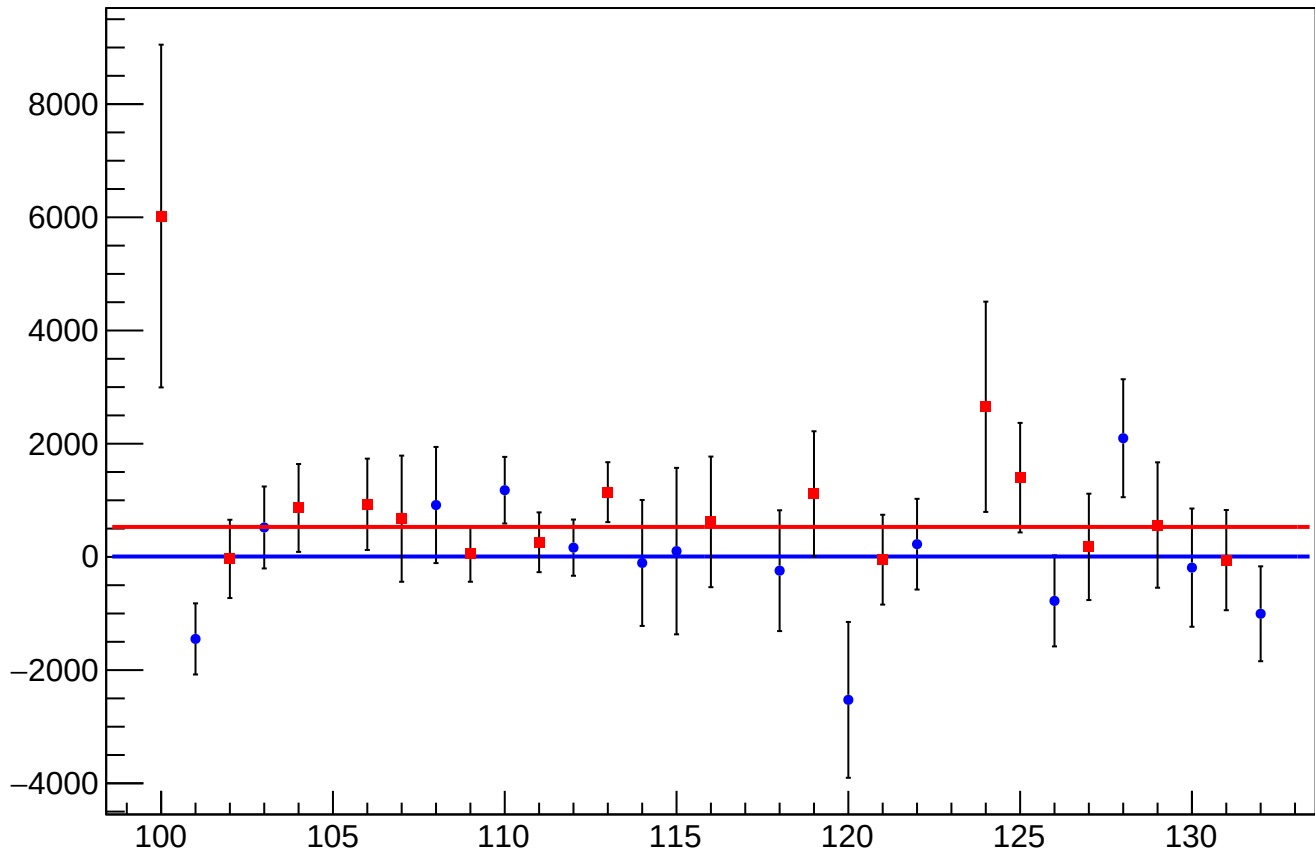
Right: 469.749 $\pm$ 0.099 χ^2 /NDF: 1902523.5/29

In: 487.484 $\pm$ 0.147 χ^2 /NDF:910114.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 469.749 $\pm$ 0.099 χ^2 /NDF: 1902523.5/29

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 6.877+/-216.324 χ^2/NDF : 20.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 529.590+/-199.028 χ^2/NDF : 10.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

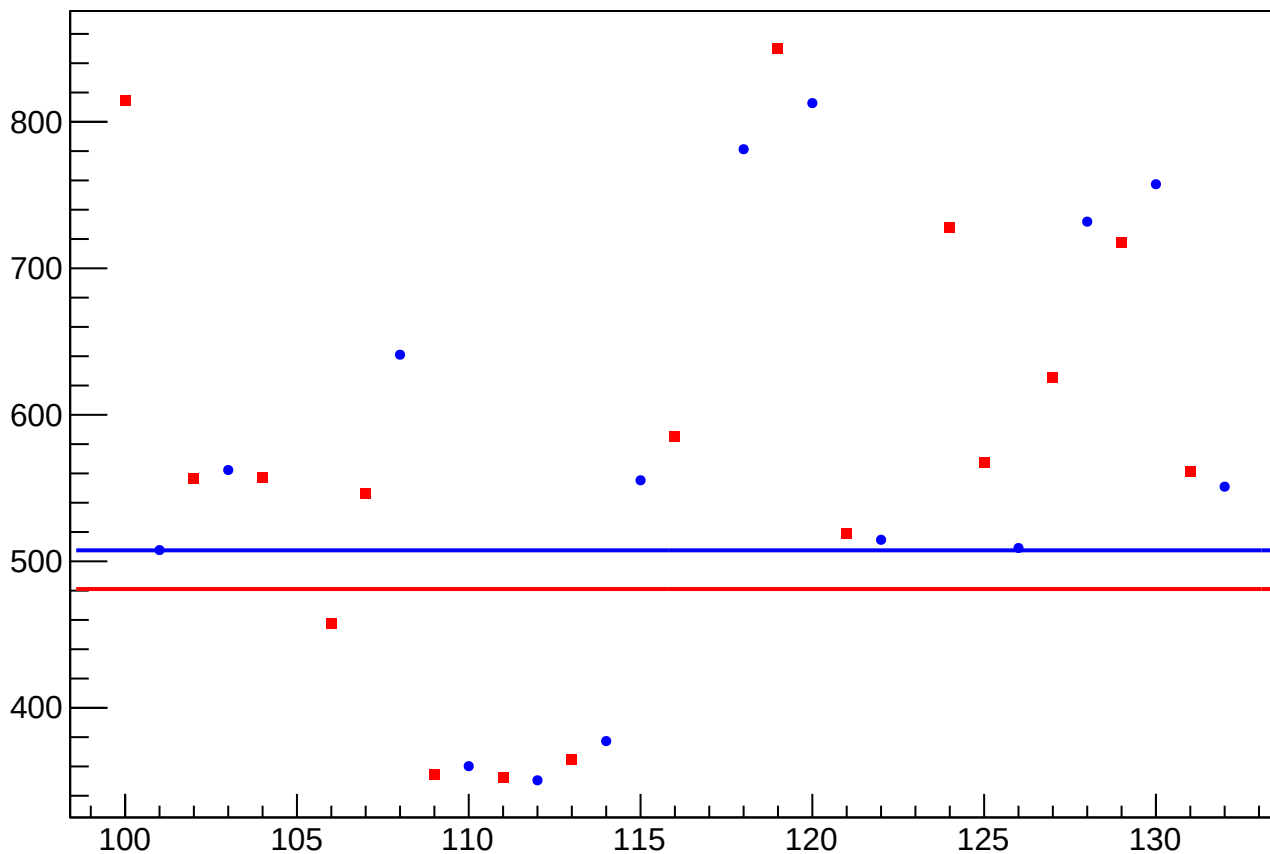
Right: 289.963+/-146.468 χ^2/NDF : 34.4/29

In: 6.877+/-216.324 χ^2/NDF : 20.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 289.963+/-146.468 χ^2/NDF : 34.4/29

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 507.503 $\pm$ 0.153 χ^2 /NDF: 842526.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 481.097 $\pm$ 0.141 χ^2 /NDF: 874055.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

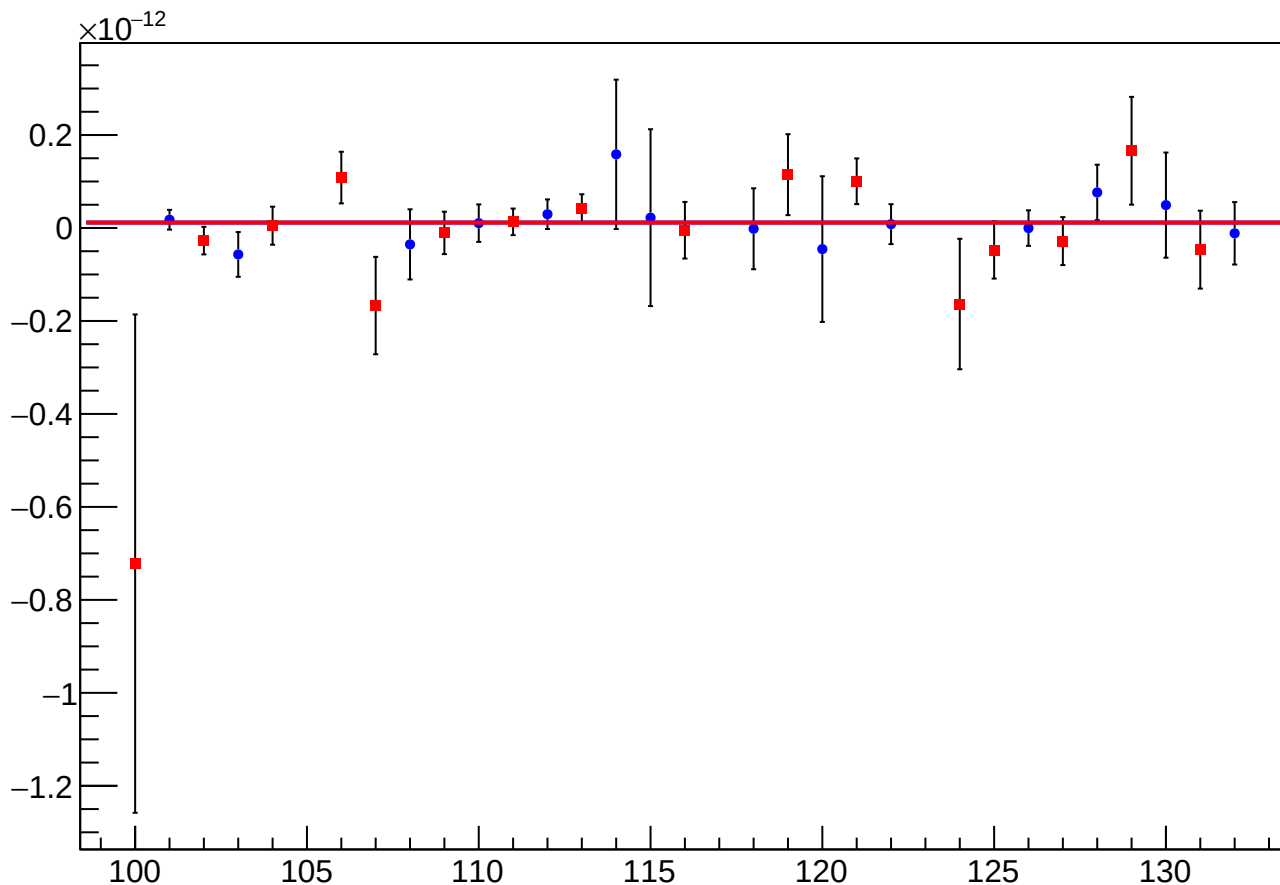
Right: 493.202 $\pm$ 0.104 χ^2 /NDF: 1732720.4/29

In: 507.503 $\pm$ 0.153 χ^2 /NDF:842526.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 493.202 $\pm$ 0.104 χ^2 /NDF: 1732720.4/29

asym_sam_15_37_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 20.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

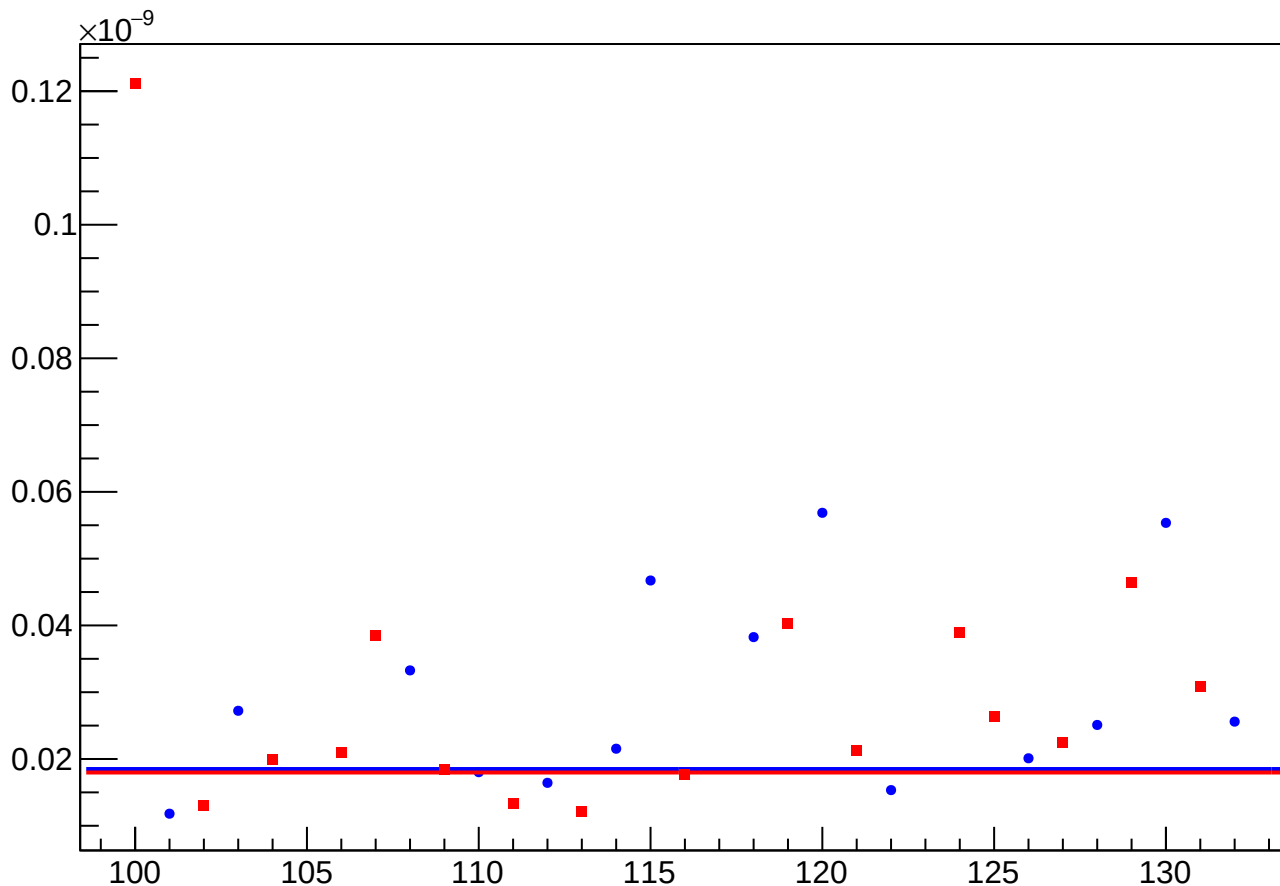
Right: 0.000+/-0.000 χ^2/NDF : 26.2/29

In: 0.000+/-0.000 χ^2/NDF : 5.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.2/29

asym_sam_15_37_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 890594.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 746740.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

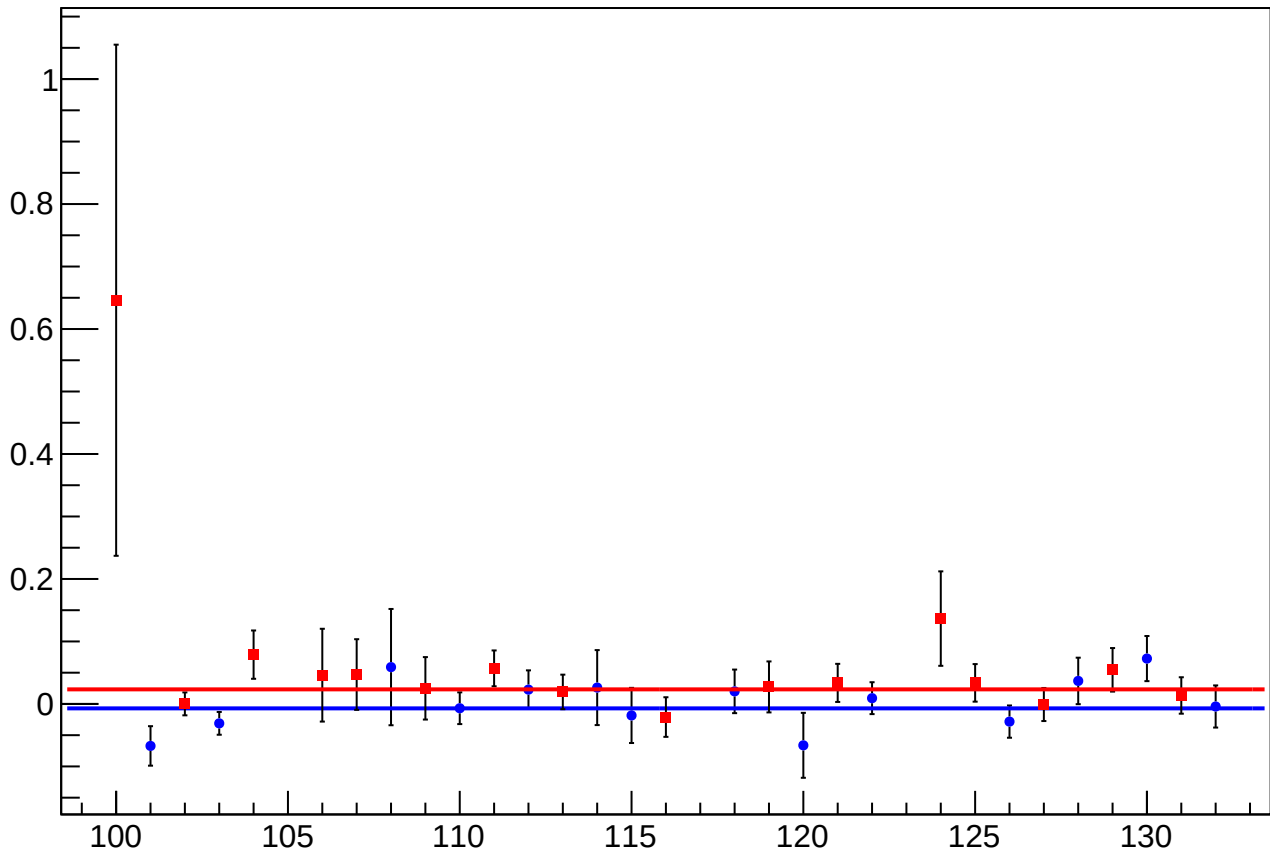
Right: 0.000+/-0.000 χ^2/NDF : 1639121.1/29

In: 0.000+/-0.000 χ^2/NDF :890594.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1639121.1/29

asym_sam_15_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.008 χ^2/NDF : 16.4/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.023 ± 0.008 χ^2/NDF : 13.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

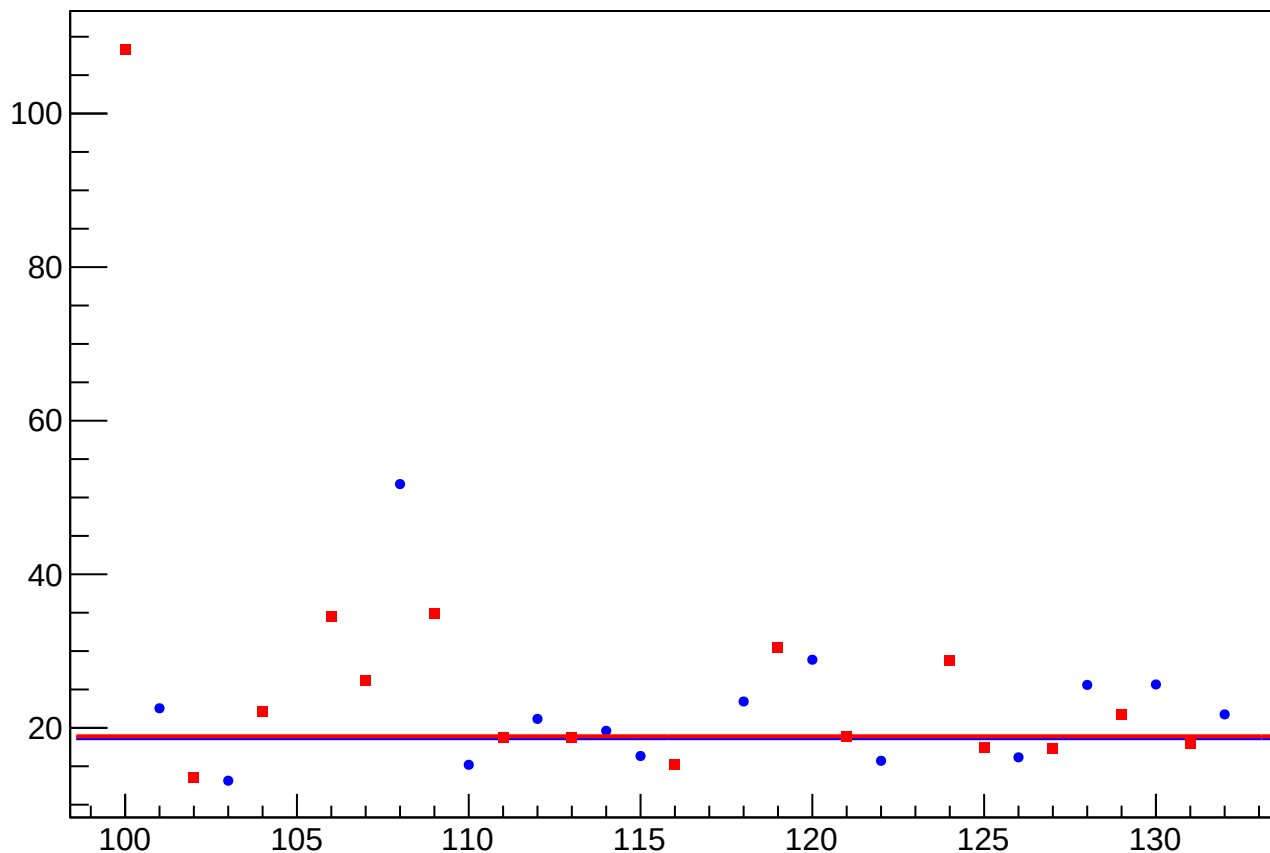
Right: 0.008 ± 0.006 χ^2/NDF : 36.9/29

In: -0.007 ± 0.008 χ^2/NDF : 16.4/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.008 ± 0.006 χ^2/NDF : 36.9/29

asym_sam_15_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.655+/-0.006 χ^2/NDF : 846289.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 18.906+/-0.006 χ^2/NDF : 849775.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

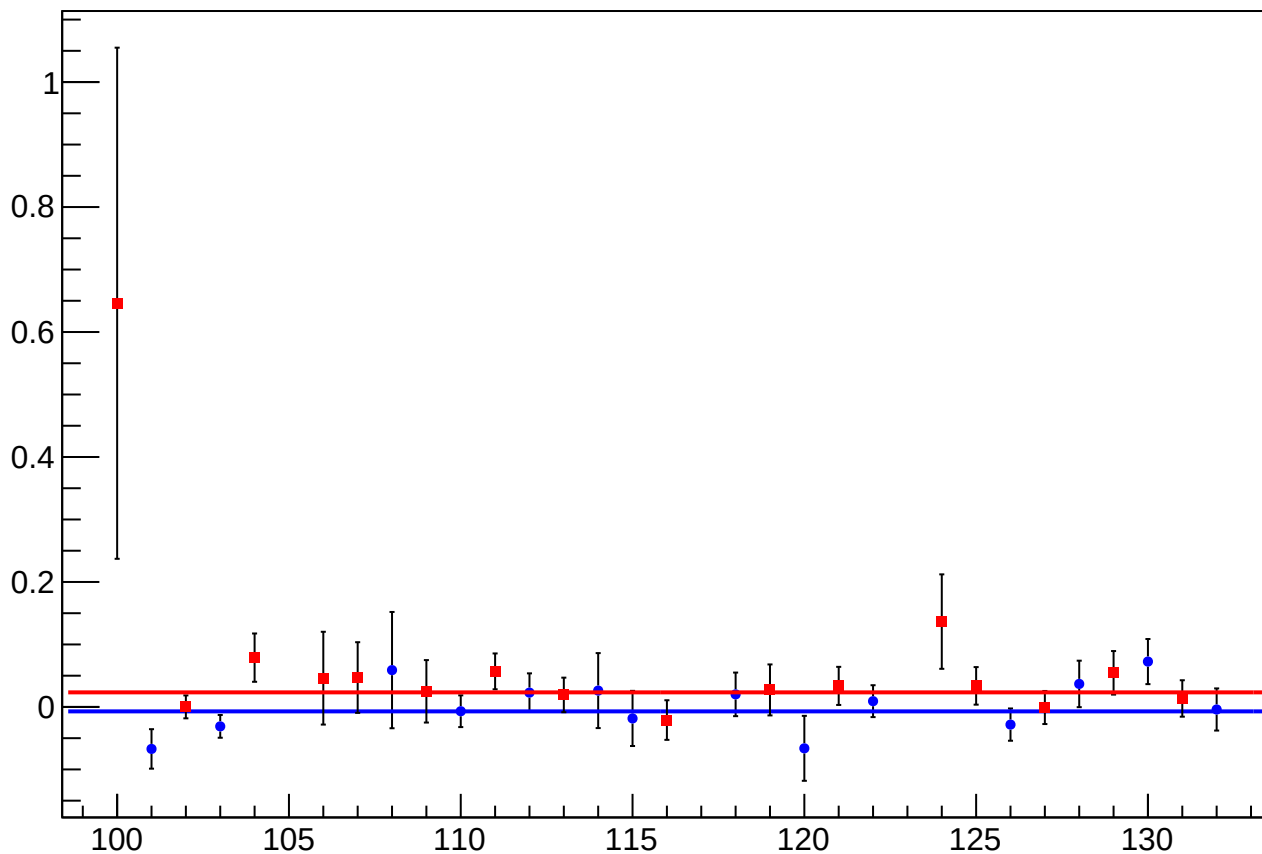
Right: 18.782+/-0.004 χ^2/NDF : 1696968.0/29

In: 18.655+/-0.006 χ^2/NDF :846289.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 18.782+/-0.004 χ^2/NDF : 1696968.0/29

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.008 χ^2/NDF : 16.4/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.023 ± 0.008 χ^2/NDF : 13.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

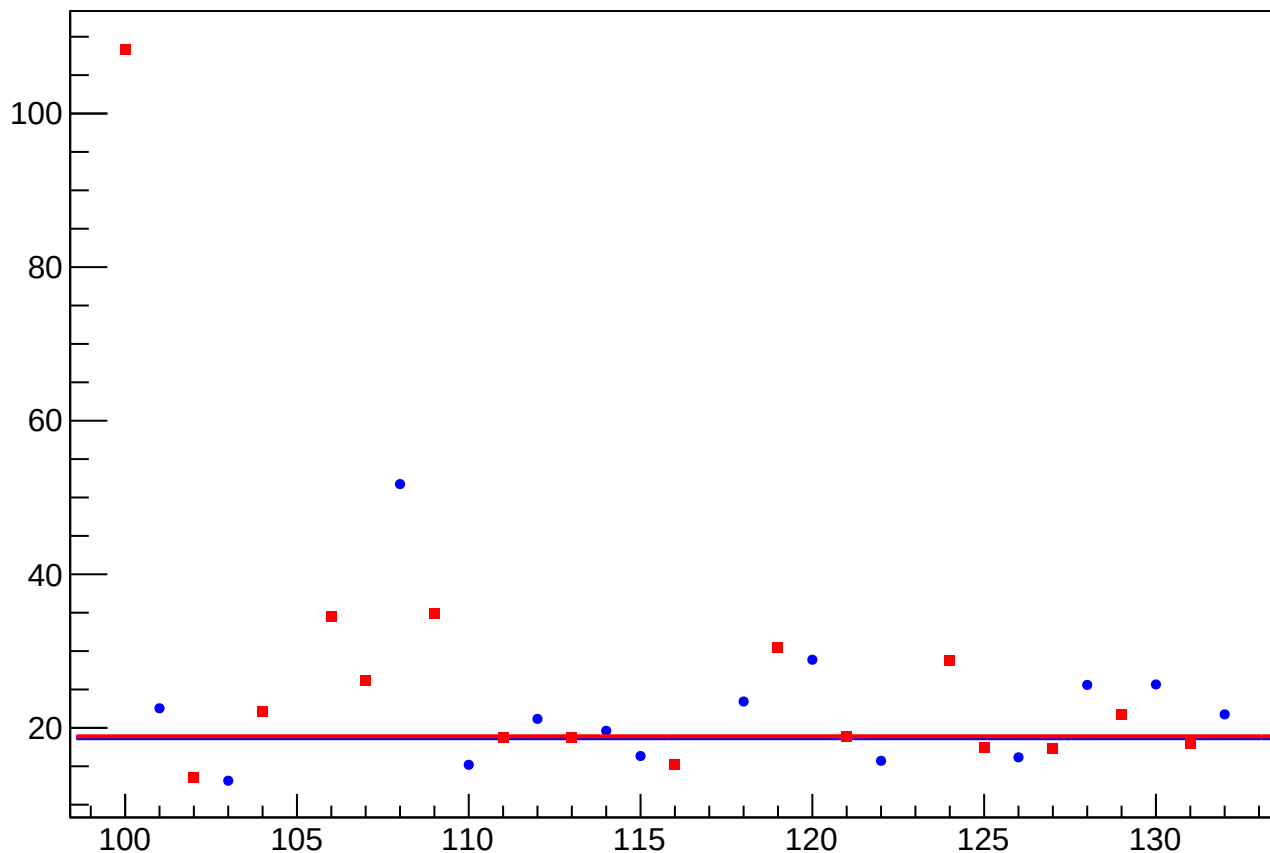
Right: 0.008 ± 0.006 χ^2/NDF : 36.9/29

In: -0.007 ± 0.008 χ^2/NDF : 16.4/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.008 ± 0.006 χ^2/NDF : 36.9/29

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.655+/-0.006 χ^2/NDF : 846289.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.906+/-0.006 χ^2/NDF : 849775.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

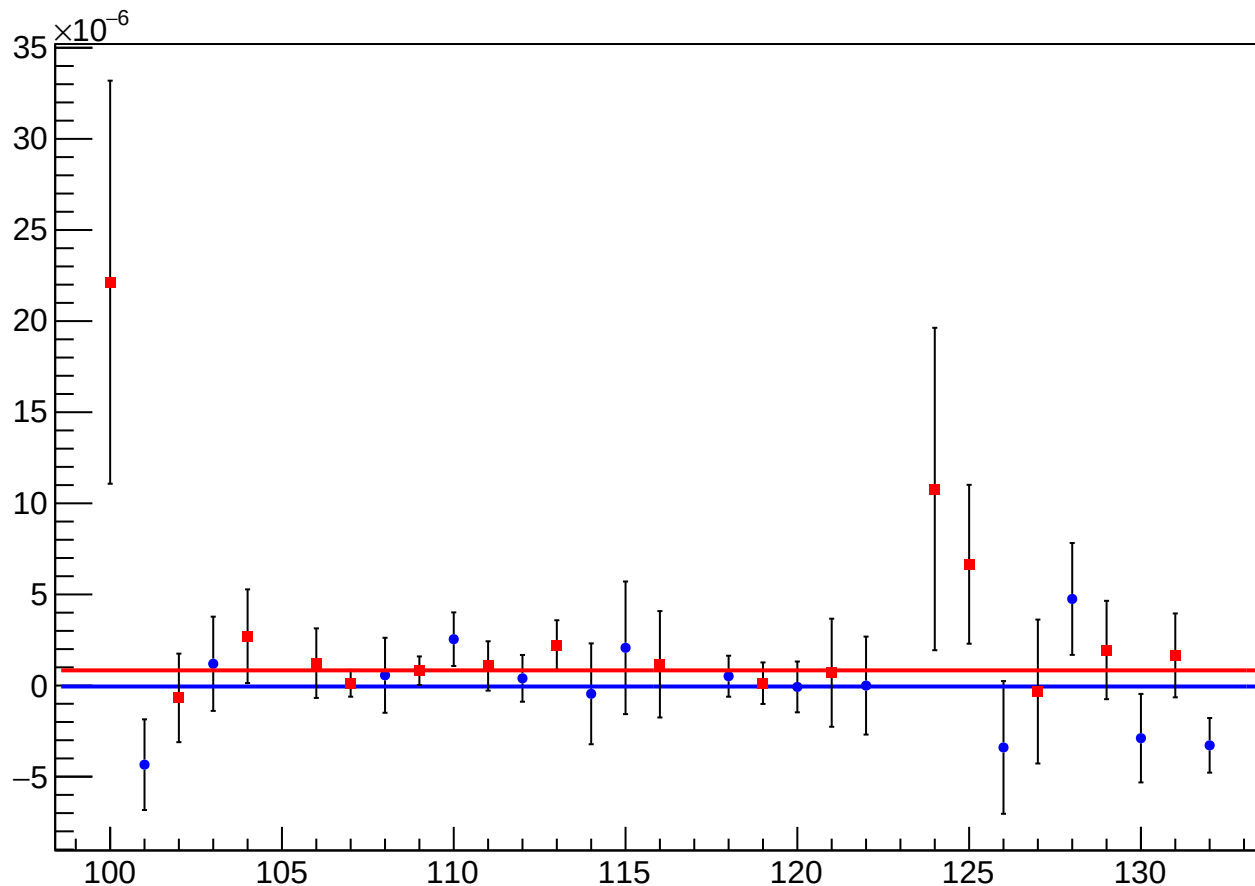
Right: 18.782+/-0.004 χ^2/NDF : 1696968.0/29

In: 18.655+/-0.006 χ^2/NDF : 846289.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.782+/-0.004 χ^2/NDF : 1696968.0/29

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 16.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

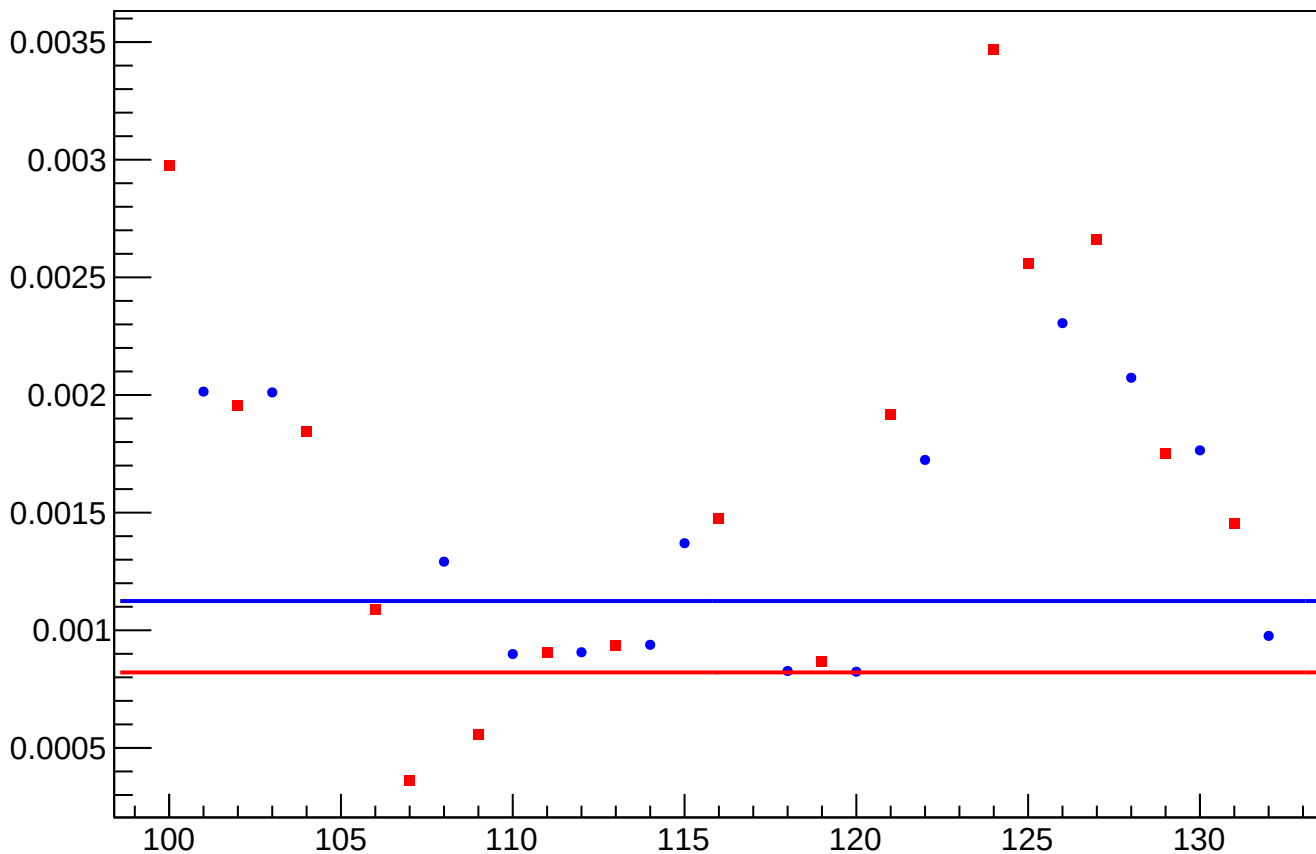
Right: 0.000+/-0.000 χ^2/NDF : 28.9/29

In: -0.000+/-0.000 χ^2/NDF : 16.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.9/29

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1519536.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3595666.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

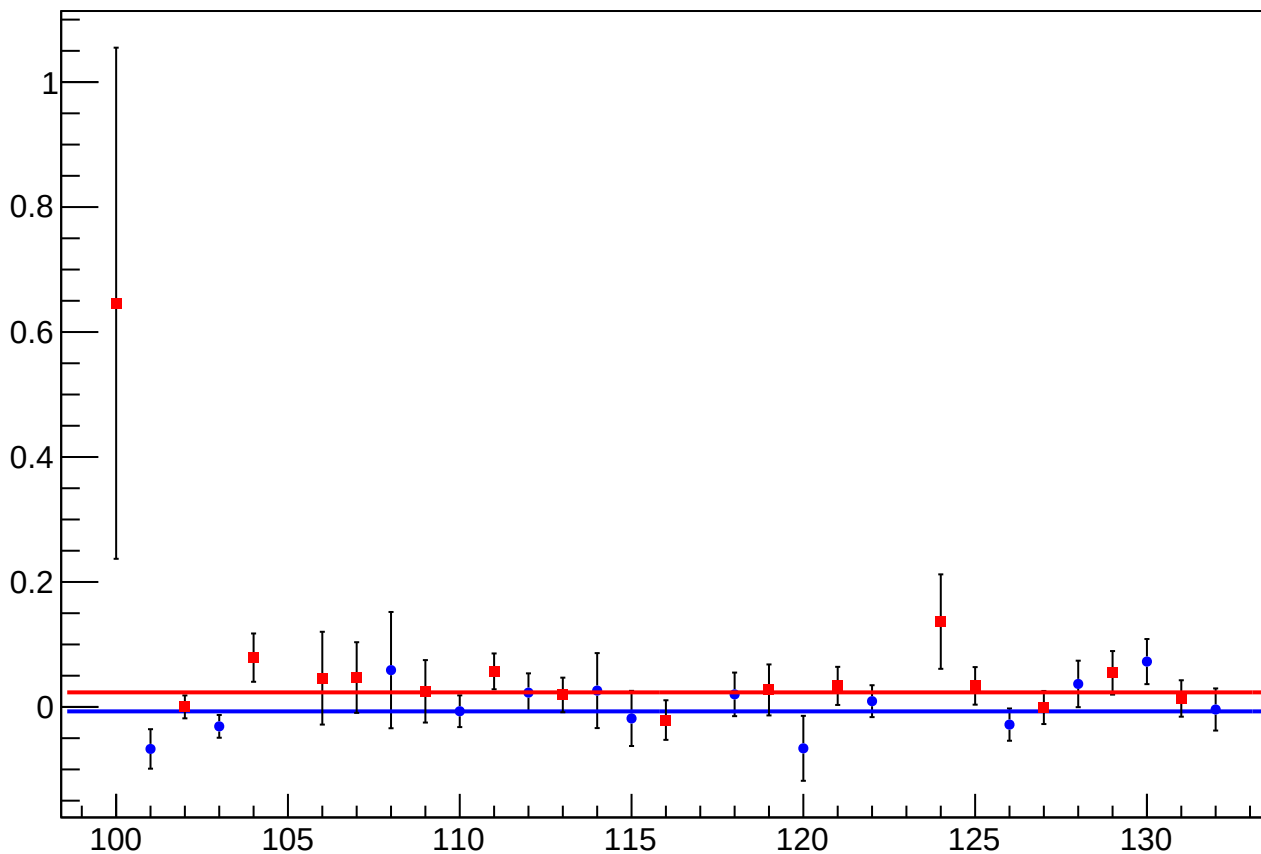
Right: 0.001+/-0.000 χ^2/NDF : 5578813.6/29

In: 0.001+/-0.000 χ^2/NDF :1519536.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5578813.6/29

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.008 χ^2 /NDF: 16.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.023 $\pm$ 0.008 χ^2 /NDF: 13.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

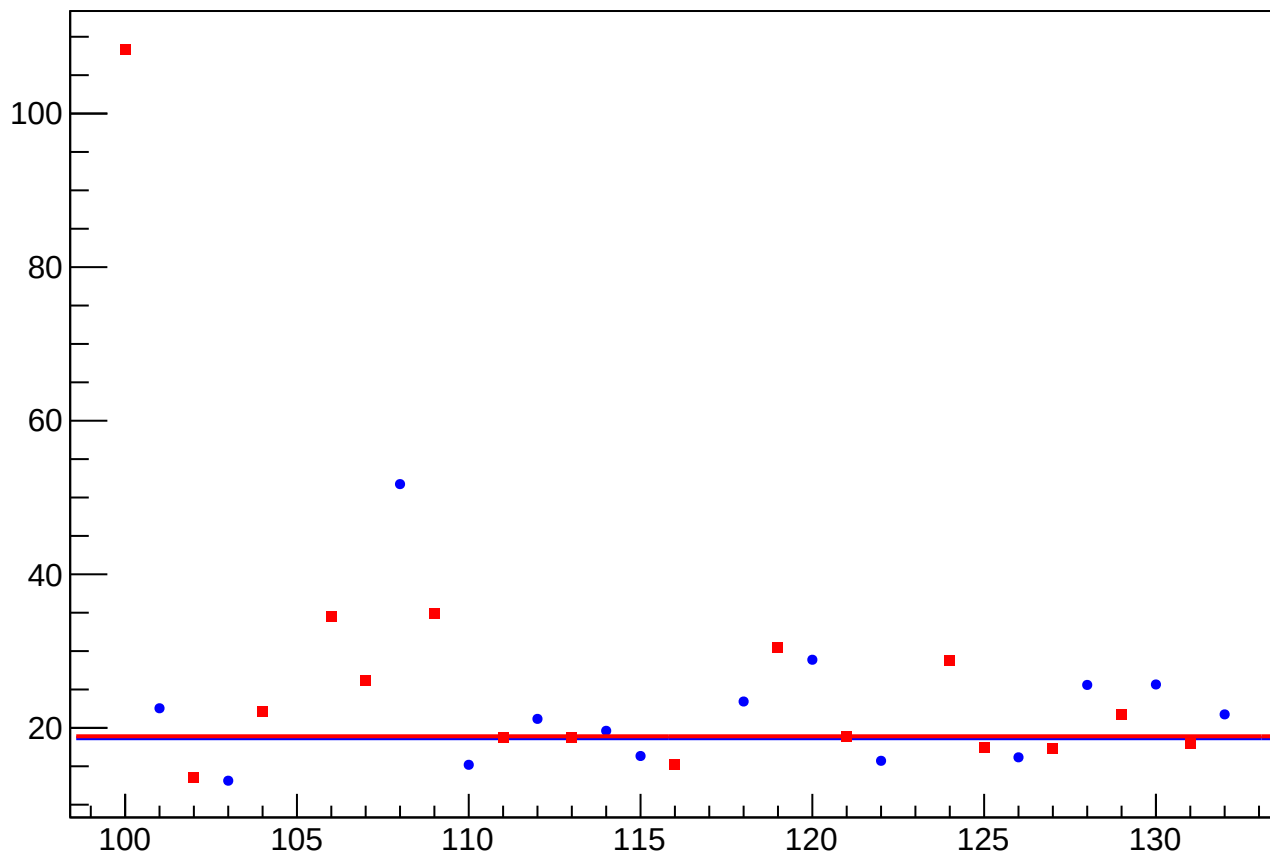
Right: 0.008 $\pm$ 0.006 χ^2 /NDF: 36.9/29

In: -0.007 $\pm$ 0.008 χ^2 /NDF:16.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.008 $\pm$ 0.006 χ^2 /NDF: 36.9/29

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.655+/-0.006 χ^2/NDF : 846159.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.907+/-0.006 χ^2/NDF : 849642.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

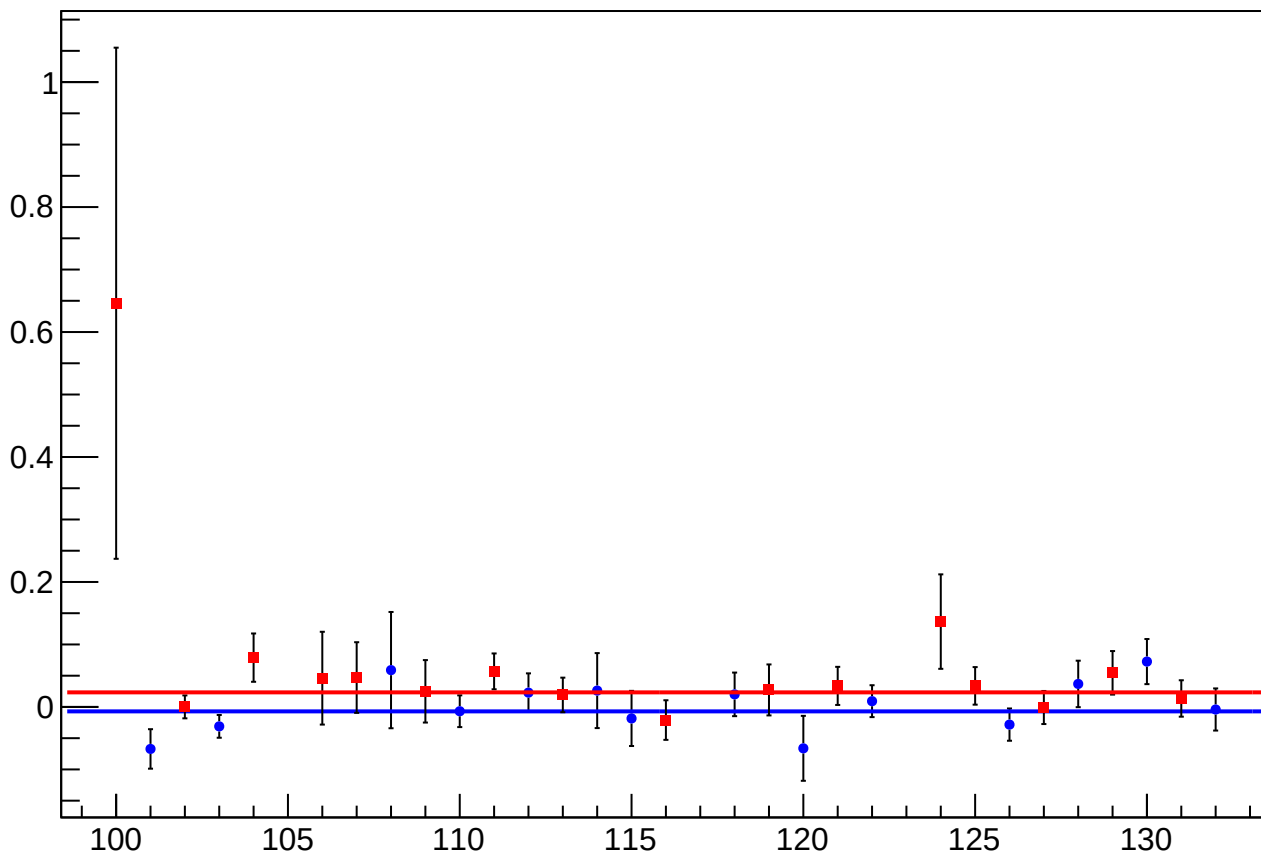
Right: 18.782+/-0.004 χ^2/NDF : 1696704.1/29

In: 18.655+/-0.006 χ^2/NDF : 846159.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.782+/-0.004 χ^2/NDF : 1696704.1/29

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.008 χ^2/NDF : 16.4/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.023 ± 0.008 χ^2/NDF : 13.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

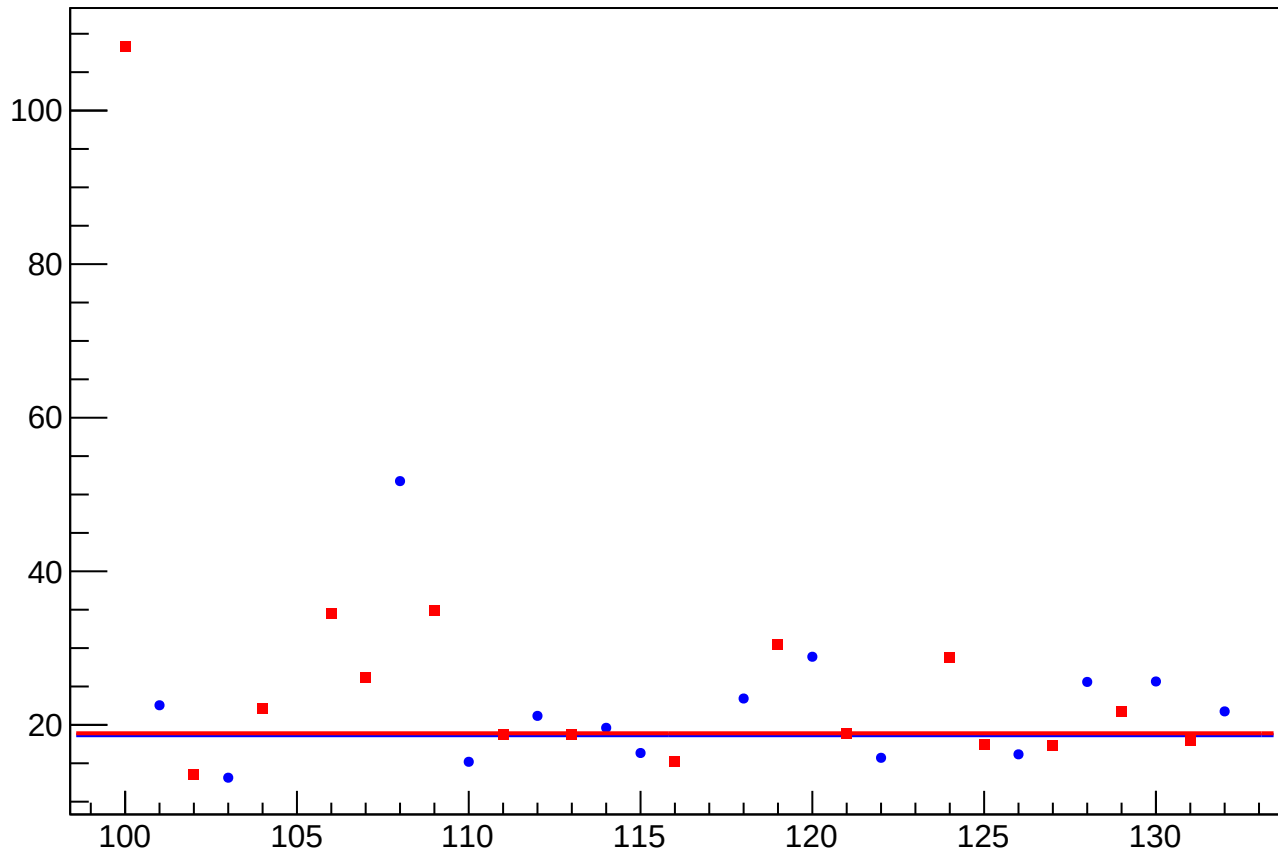
Right: 0.008 ± 0.006 χ^2/NDF : 36.9/29

In: -0.007 ± 0.008 χ^2/NDF : 16.4/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.008 ± 0.006 χ^2/NDF : 36.9/29

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.655+/-0.006 χ^2/NDF : 846159.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.907+/-0.006 χ^2/NDF : 849642.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

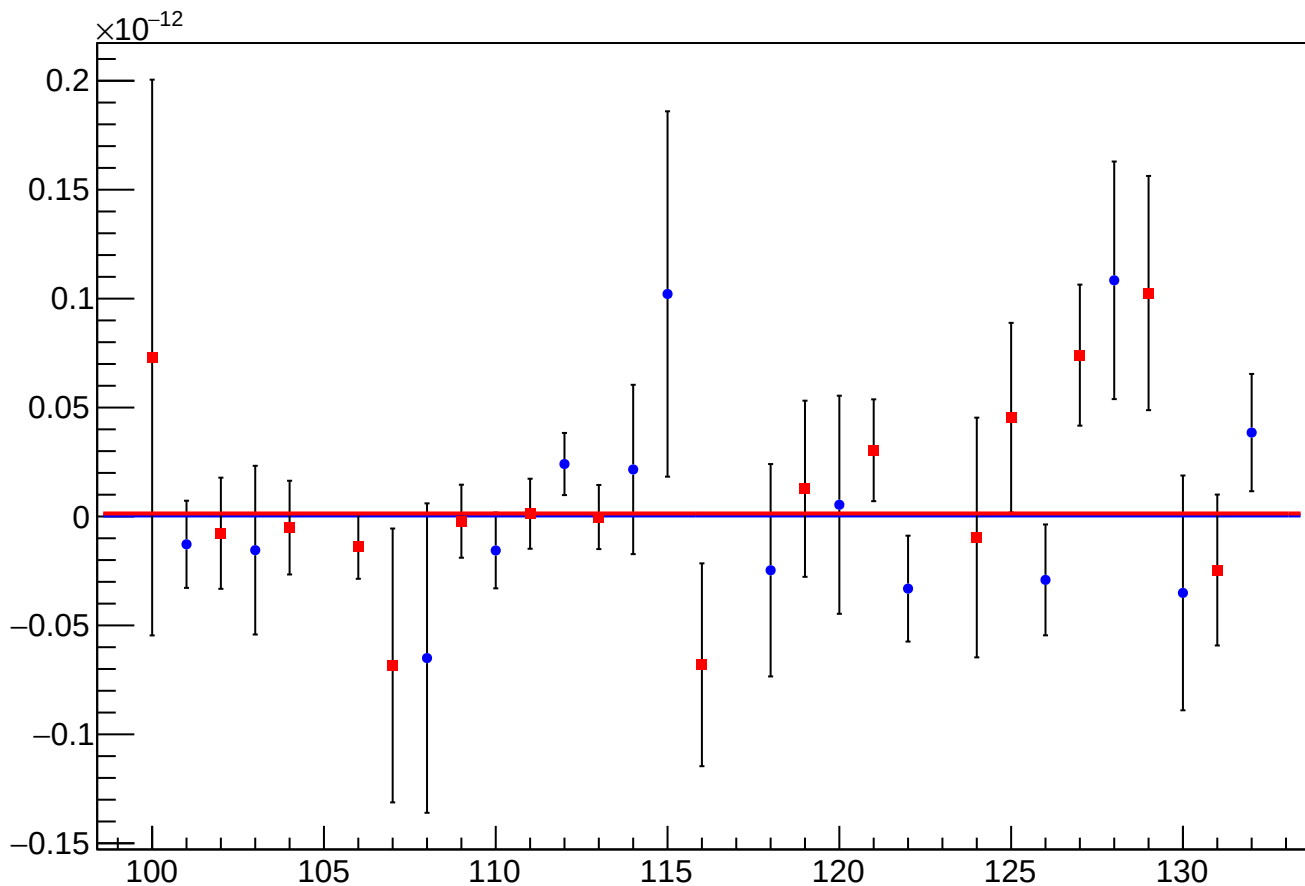
Right: 18.782+/-0.004 χ^2/NDF : 1696704.1/29

In: 18.655+/-0.006 χ^2/NDF : 846159.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.782+/-0.004 χ^2/NDF : 1696704.1/29

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

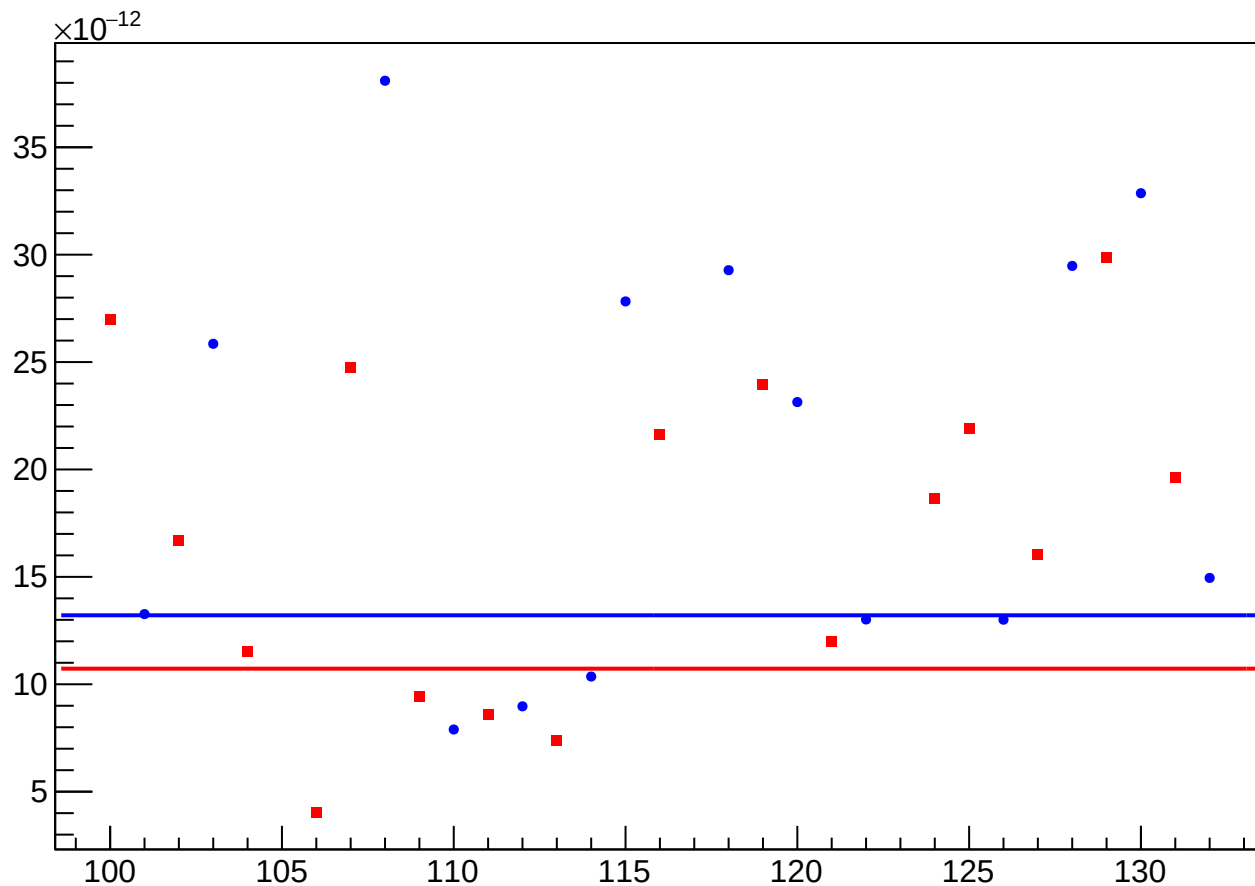
Right: 0.000+/-0.000 χ^2/NDF : 33.6/29

In: 0.000+/-0.000 χ^2/NDF : 16.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.6/29

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1642185.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1743800.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

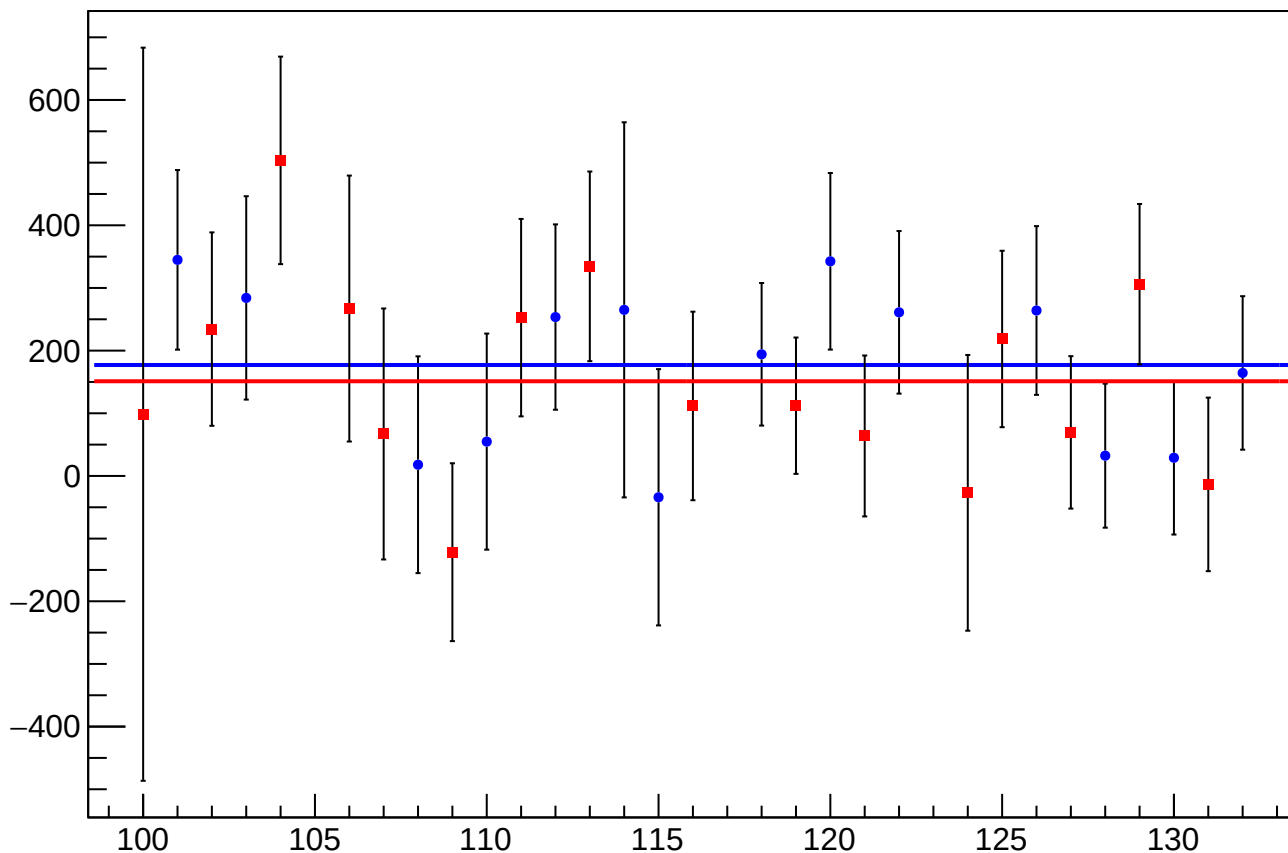
Right: 0.000+/-0.000 χ^2/NDF : 3520438.2/29

In: 0.000+/-0.000 χ^2/NDF : 1642185.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3520438.2/29

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 177.071 $\pm$ 38.187 χ^2 /NDF: 9.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 151.097 $\pm$ 37.706 χ^2 /NDF: 15.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

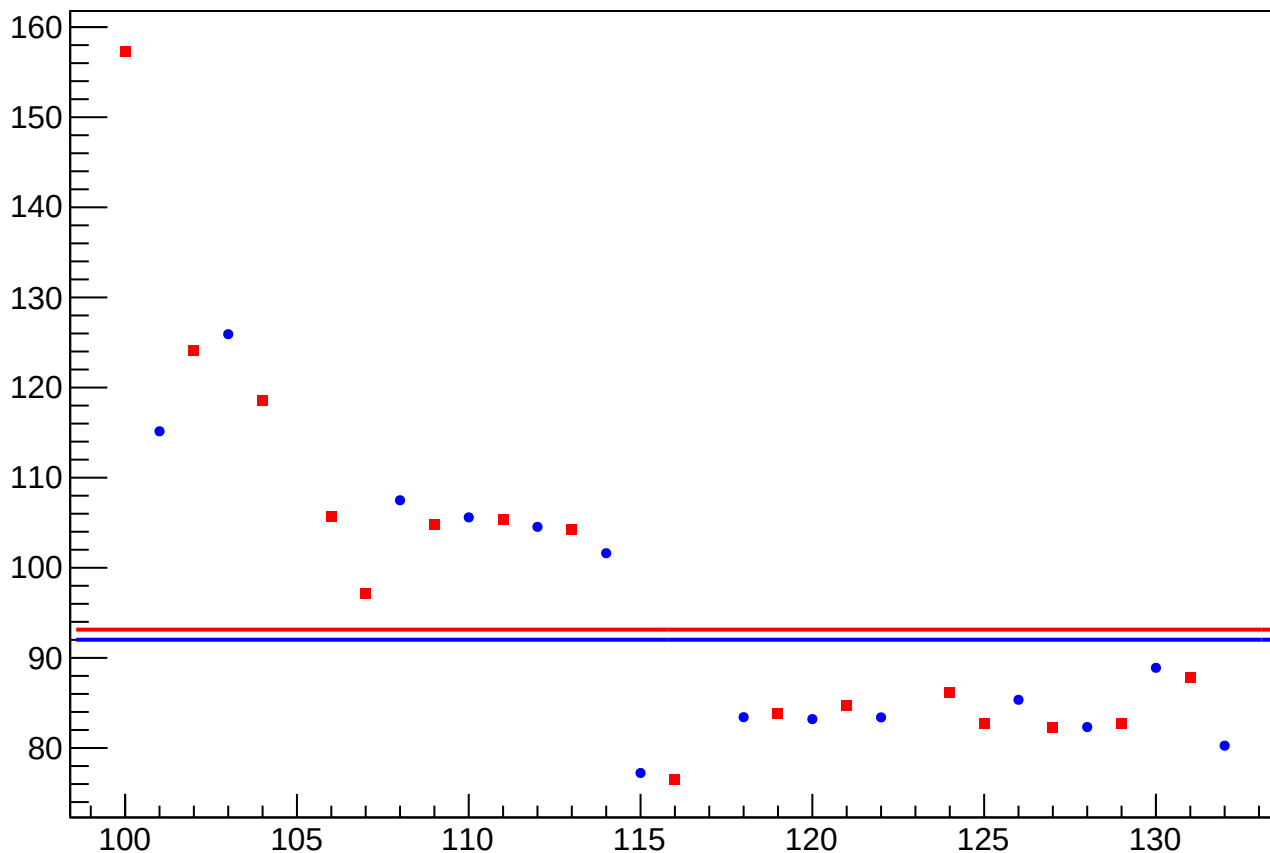
Right: 163.919 $\pm$ 26.831 χ^2 /NDF: 25.9/29

In: 177.071 $\pm$ 38.187 χ^2 /NDF:9.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 163.919 $\pm$ 26.831 χ^2 /NDF: 25.9/29

reg_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 92.017+/-0.027 χ^2/NDF : 261576.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.138+/-0.027 χ^2/NDF : 288296.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

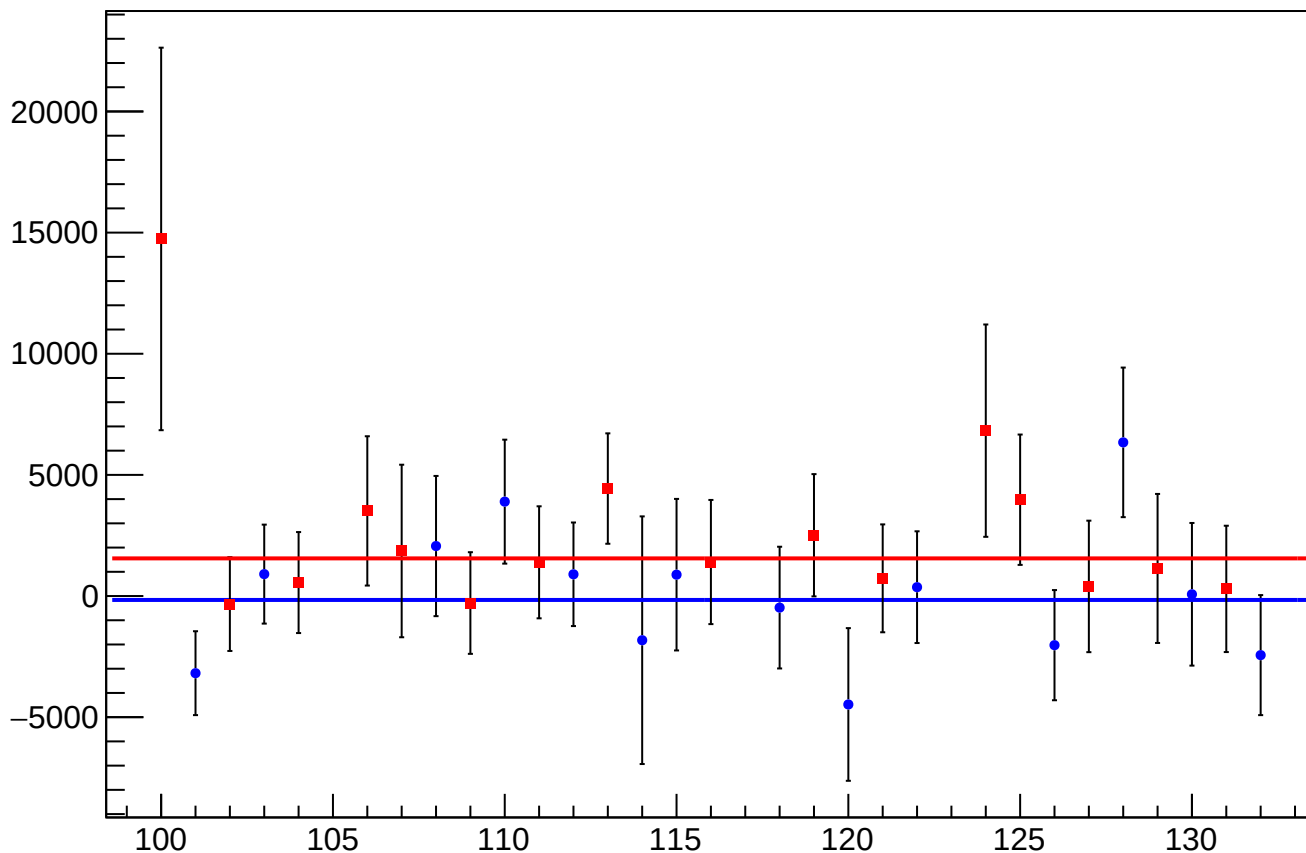
Right: 92.585+/-0.019 χ^2/NDF : 550745.2/29

In: 92.017+/-0.027 χ^2/NDF : 261576.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.585+/-0.019 χ^2/NDF : 550745.2/29

asym_sam_24_68_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -161.801 $\pm$ 669.796 χ^2 /NDF: 14.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1553.542 $\pm$ 646.260 χ^2 /NDF: 9.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

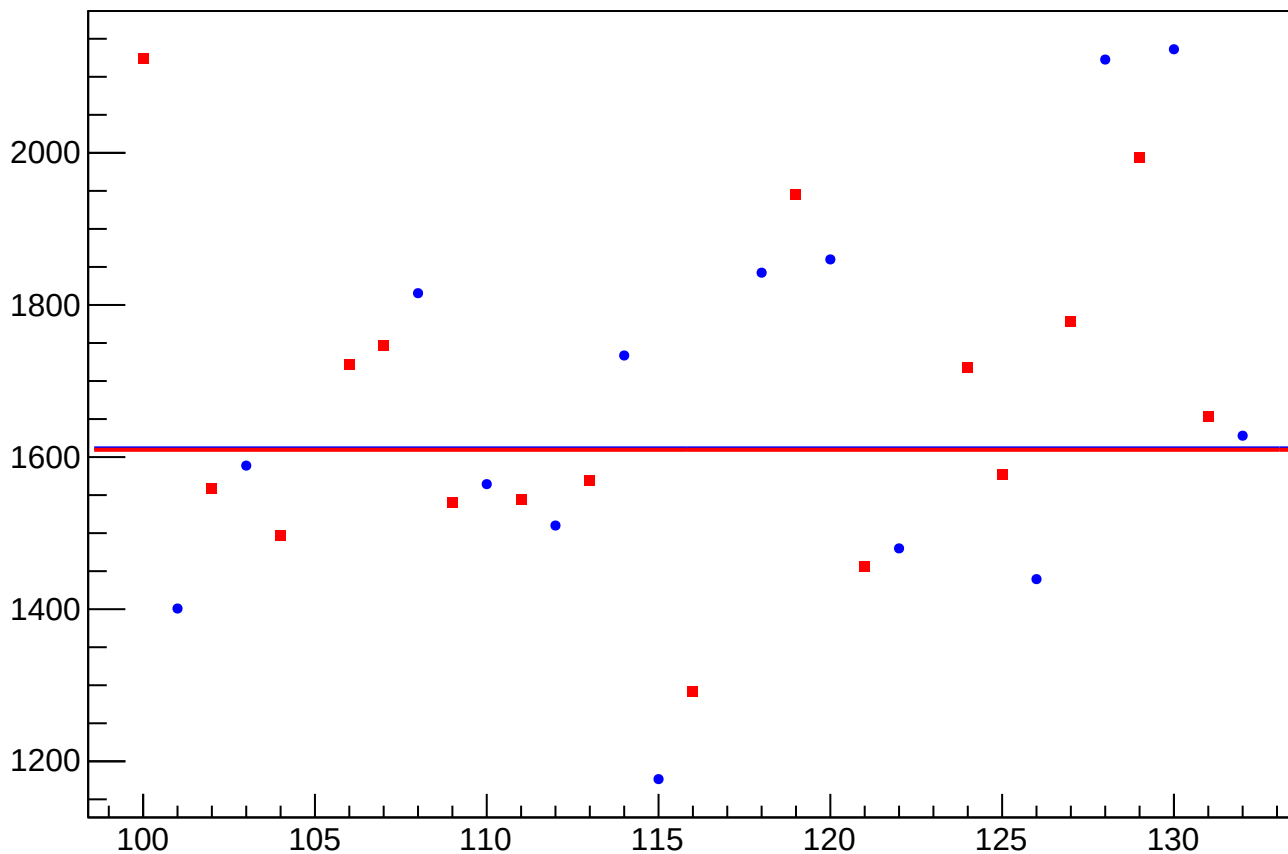
Right: 726.538 $\pm$ 465.073 χ^2 /NDF: 27.9/29

In: -161.801 $\pm$ 669.796 χ^2 /NDF:14.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 726.538 $\pm$ 465.073 χ^2 /NDF: 27.9/29

asym_sam_24_68_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1611.481+/-0.474 χ^2/NDF : 250551.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1609.580+/-0.457 χ^2/NDF : 142336.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

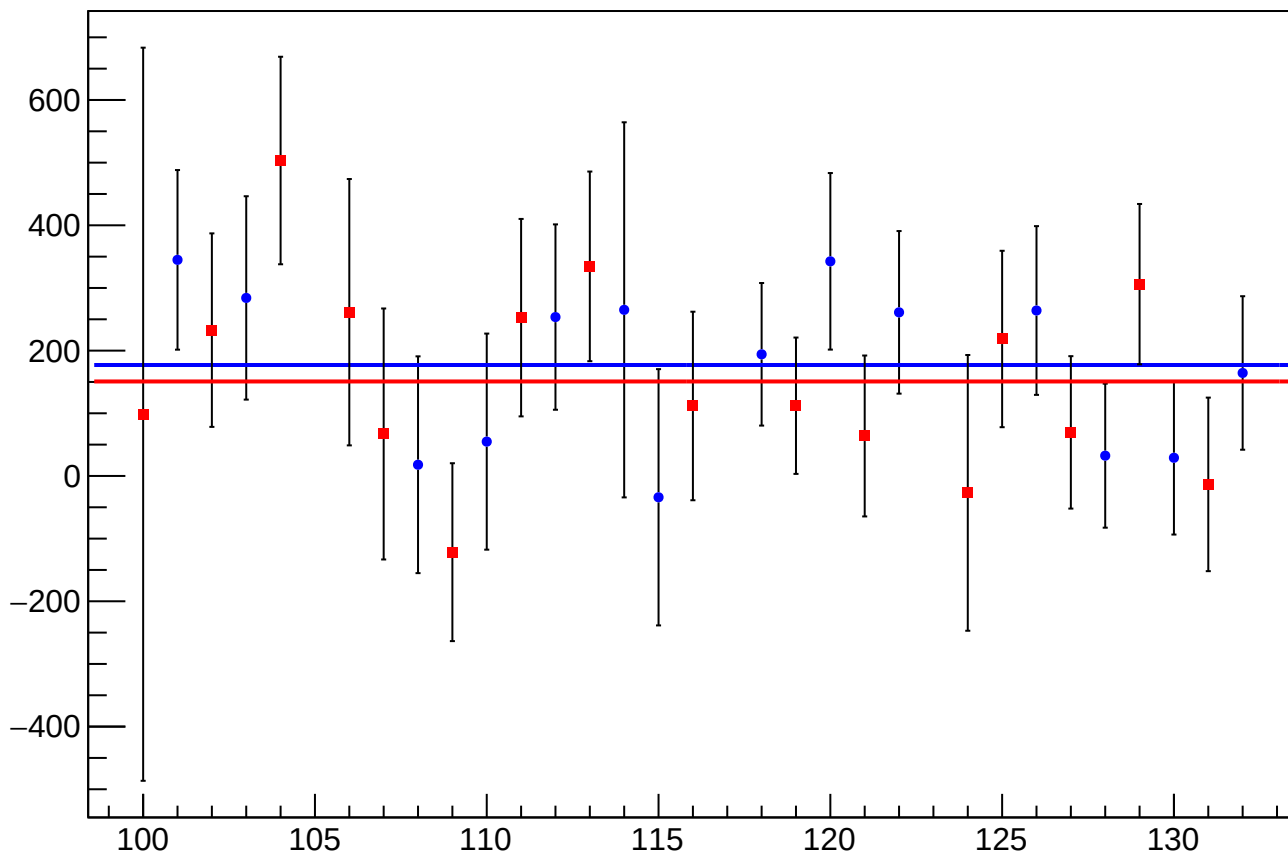
Right: 1610.497+/-0.329 χ^2/NDF : 392896.0/29

In: 1611.481+/-0.474 χ^2/NDF : 250551.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1610.497+/-0.329 χ^2/NDF : 392896.0/29

cor_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 177.067 $\pm$ 38.187 χ^2 /NDF: 9.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 150.788 $\pm$ 37.708 χ^2 /NDF: 15.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

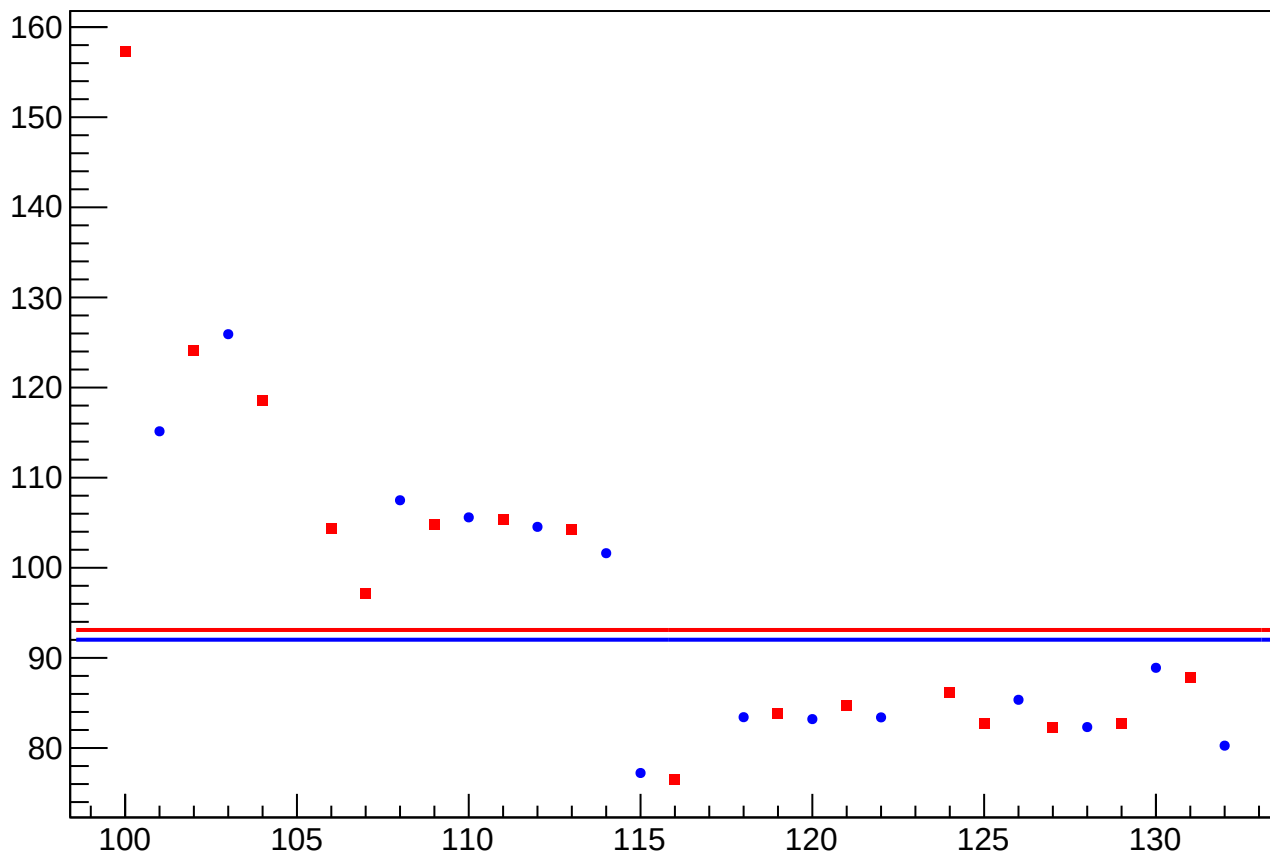
Right: 163.762 $\pm$ 26.832 χ^2 /NDF: 25.8/29

In: 177.067 $\pm$ 38.187 χ^2 /NDF:9.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 163.762 $\pm$ 26.832 χ^2 /NDF: 25.8/29

cor_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 92.017+/-0.027 χ^2/NDF : 261578.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.098+/-0.027 χ^2/NDF : 287143.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

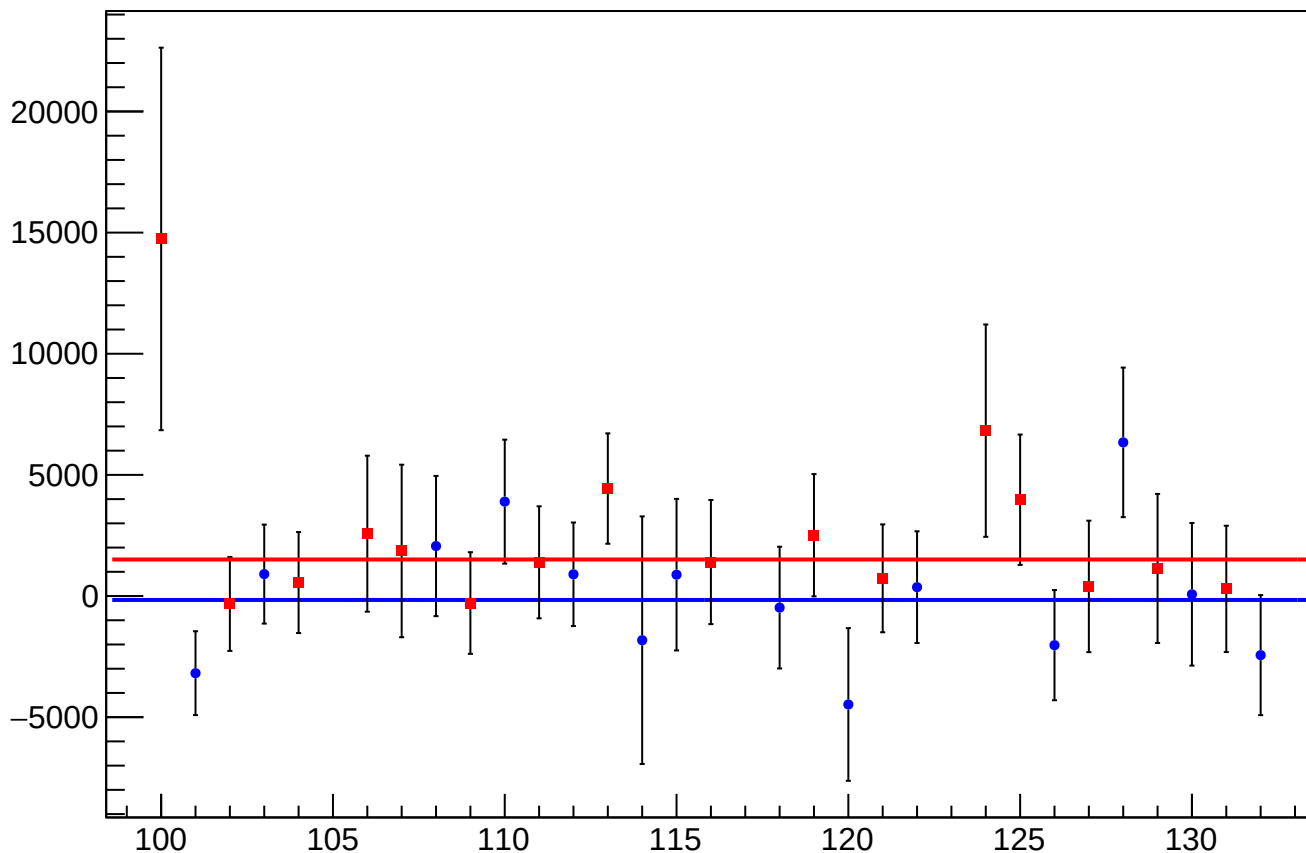
Right: 92.564+/-0.019 χ^2/NDF : 549533.3/29

In: 92.017+/-0.027 χ^2/NDF : 261578.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.564+/-0.019 χ^2/NDF : 549533.3/29

asym_sam_24_68_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -161.758 ± 669.799 $\chi^2/\text{NDF}: 14.8/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1508.801 ± 647.489 $\chi^2/\text{NDF}: 9.4/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

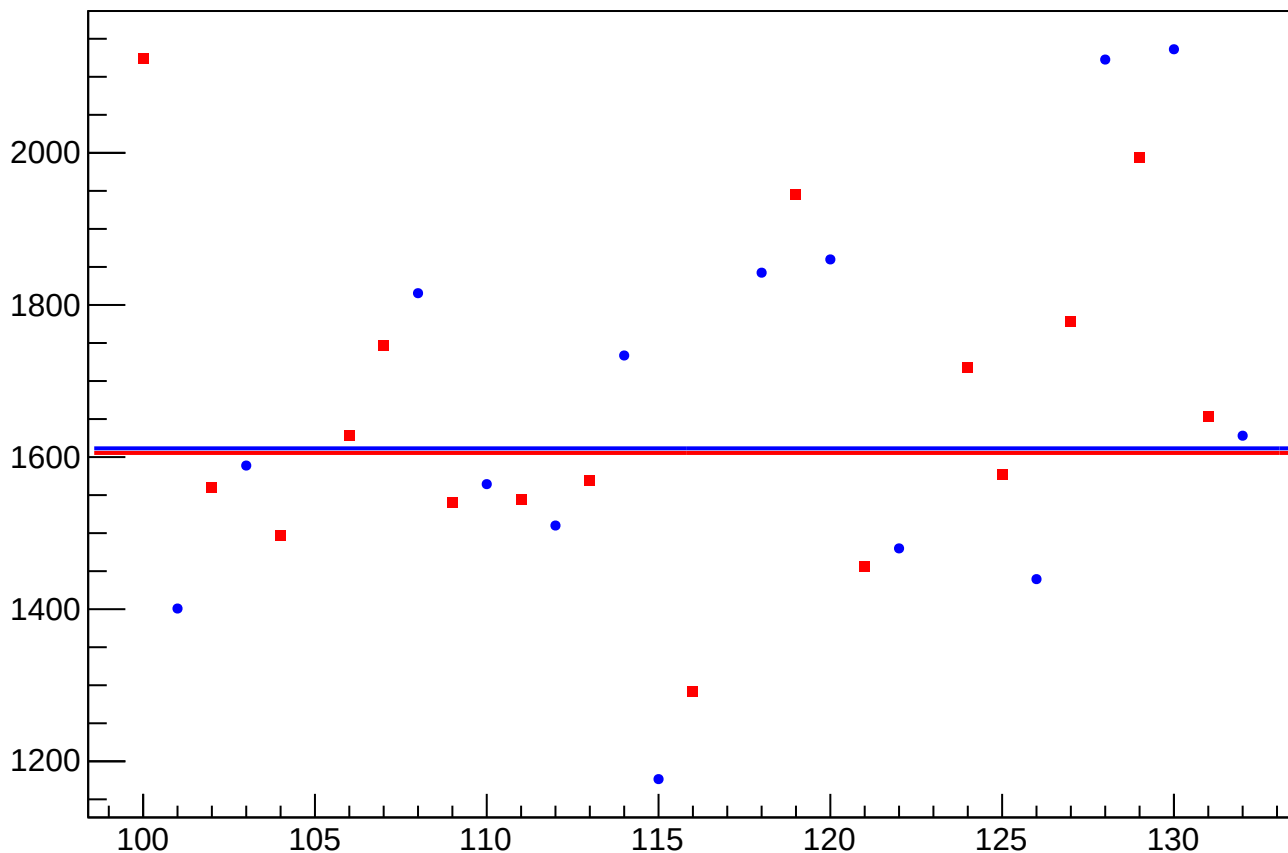
Right: 701.807 ± 465.531 $\chi^2/\text{NDF}: 27.4/29$

In: -161.758 ± 669.799 $\chi^2/\text{NDF}: 14.8/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 701.807 ± 465.531 $\chi^2/\text{NDF}: 27.4/29$

asym_sam_24_68_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1611.488+/-0.474 χ^2/NDF : 250550.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1605.434+/-0.458 χ^2/NDF : 139607.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

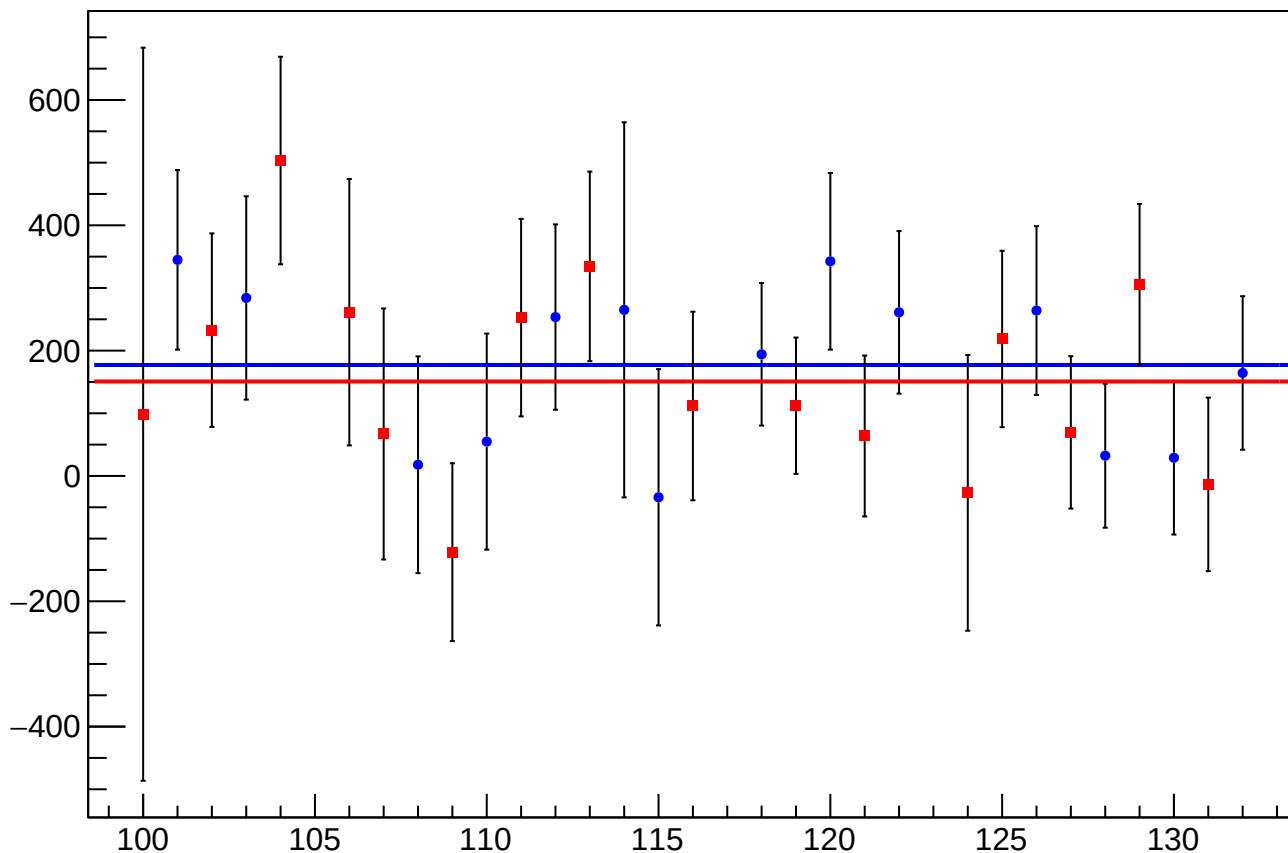
Right: 1608.359+/-0.329 χ^2/NDF : 390242.1/29

In: 1611.488+/-0.474 χ^2/NDF : 250550.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1608.359+/-0.329 χ^2/NDF : 390242.1/29

eigen_cor_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 177.067 $\pm$ 38.187 χ^2 /NDF: 9.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 150.788 $\pm$ 37.708 χ^2 /NDF: 15.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

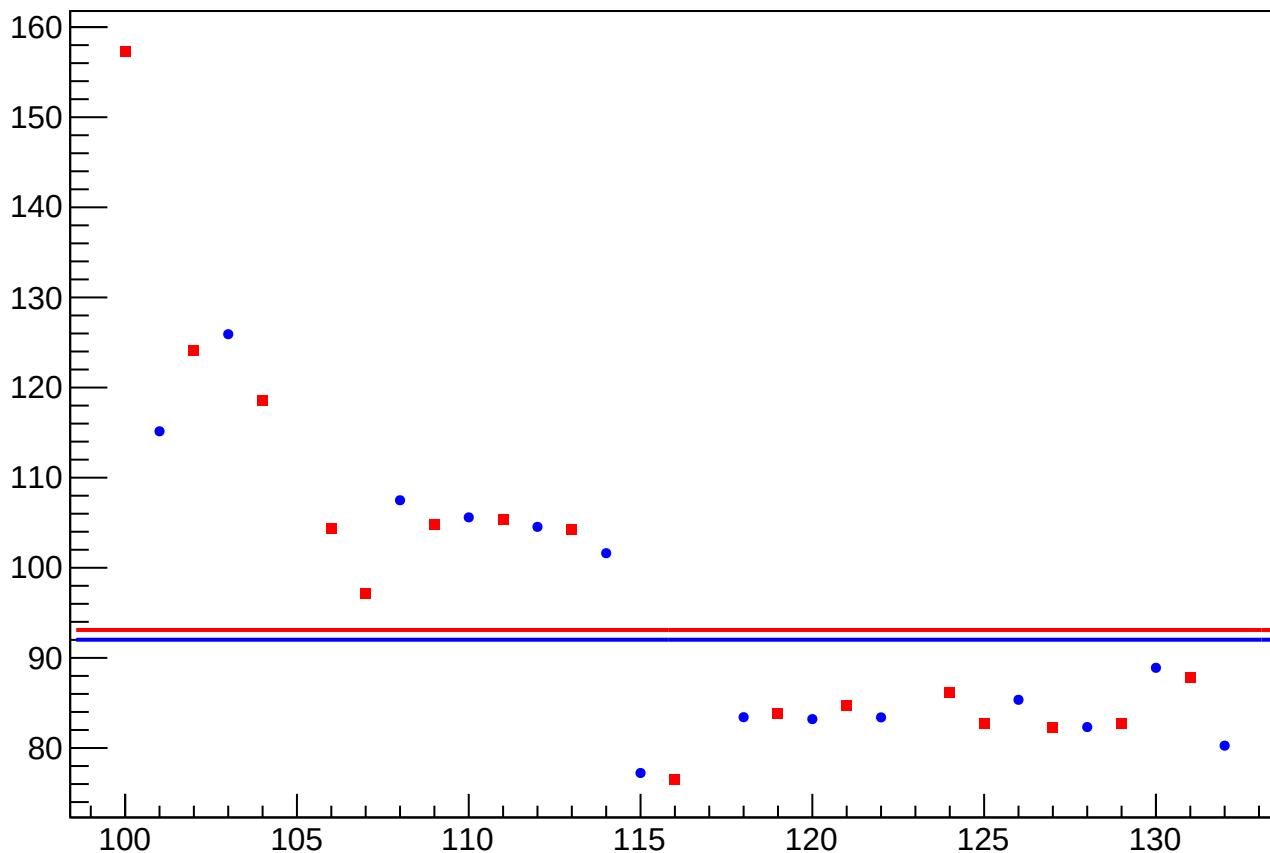
Right: 163.762 $\pm$ 26.832 χ^2 /NDF: 25.8/29

In: 177.067 $\pm$ 38.187 χ^2 /NDF:9.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 163.762 $\pm$ 26.832 χ^2 /NDF: 25.8/29

eigen_cor_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 92.017+/-0.027 χ^2/NDF : 261578.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.098+/-0.027 χ^2/NDF : 287143.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

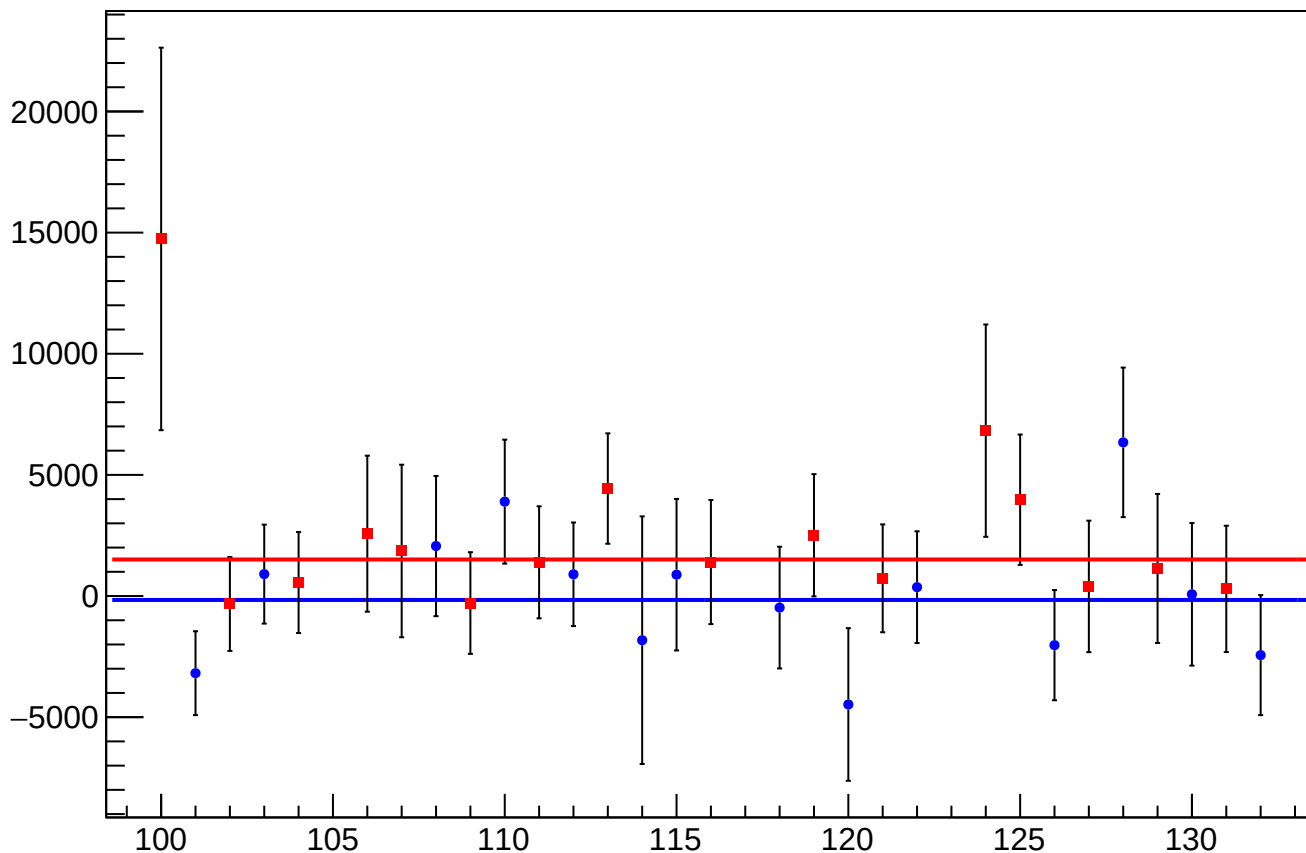
Right: 92.564+/-0.019 χ^2/NDF : 549533.3/29

In: 92.017+/-0.027 χ^2/NDF : 261578.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.564+/-0.019 χ^2/NDF : 549533.3/29

asym_sam_24_68_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -161.758 ± 669.799 χ^2/NDF : 14.8/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1508.801 ± 647.489 χ^2/NDF : 9.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

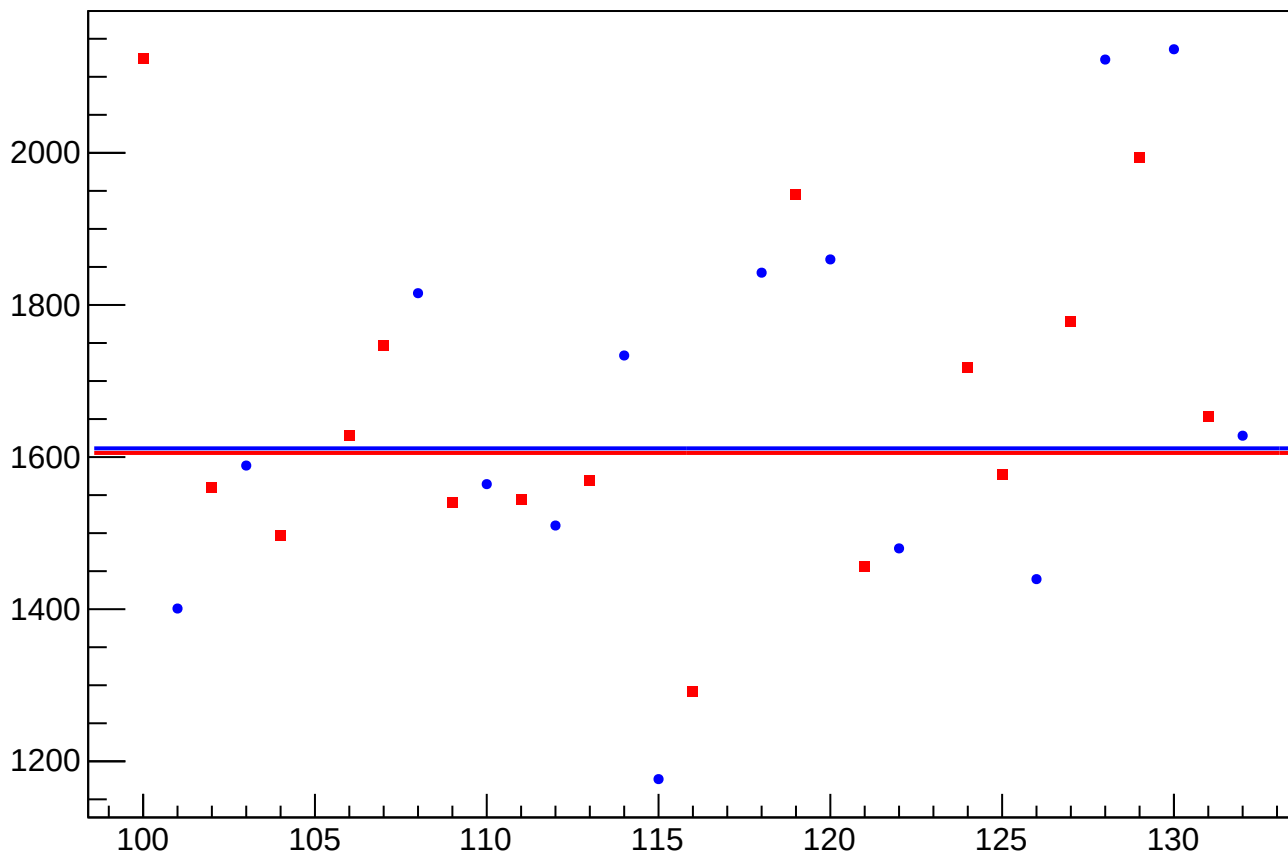
Right: 701.807 ± 465.531 χ^2/NDF : 27.4/29

In: -161.758 ± 669.799 χ^2/NDF : 14.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 701.807 ± 465.531 χ^2/NDF : 27.4/29

asym_sam_24_68_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1611.488+/-0.474 χ^2/NDF : 250550.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1605.434+/-0.458 χ^2/NDF : 139607.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

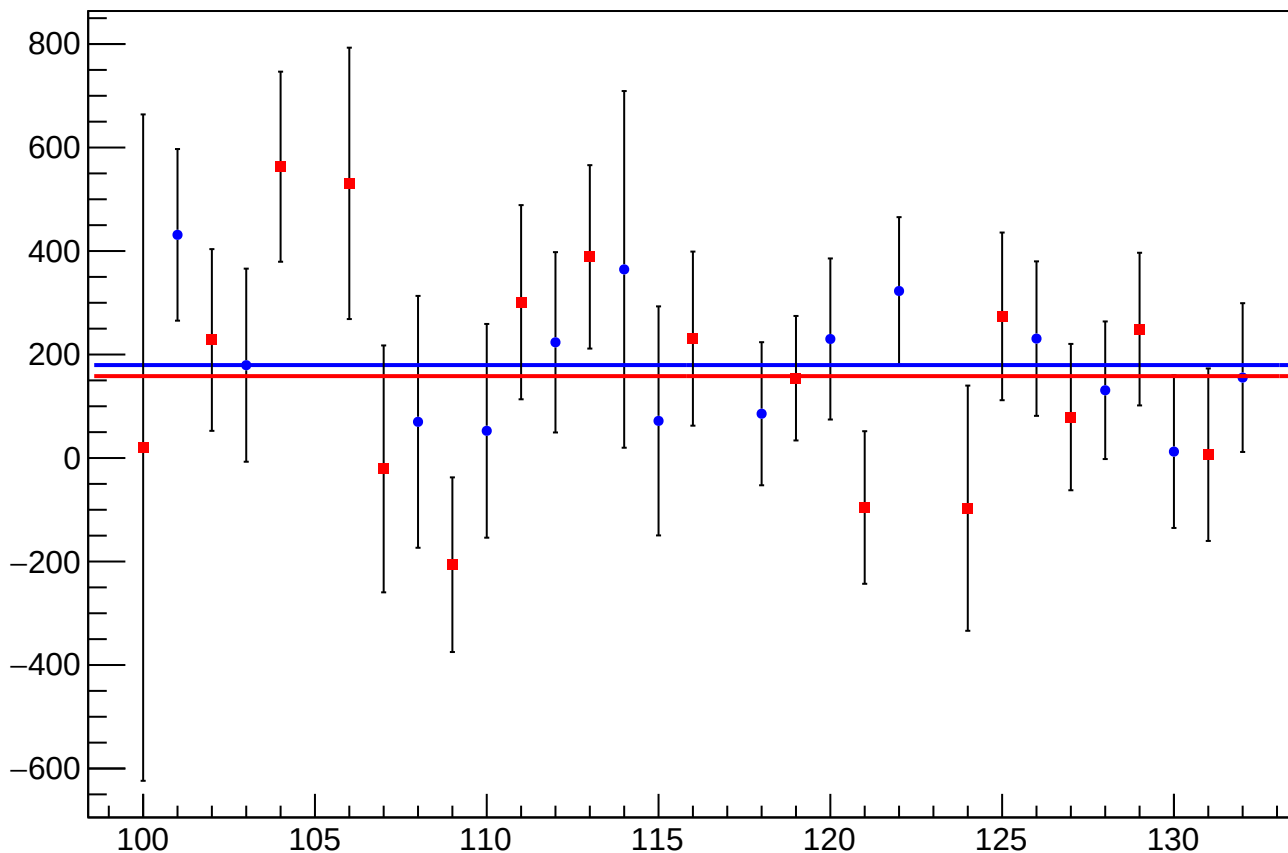
Right: 1608.359+/-0.329 χ^2/NDF : 390242.1/29

In: 1611.488+/-0.474 χ^2/NDF : 250550.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1608.359+/-0.329 χ^2/NDF : 390242.1/29

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 179.616 $\pm$ 44.471 χ^2 /NDF: 6.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 158.275 $\pm$ 43.425 χ^2 /NDF: 20.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

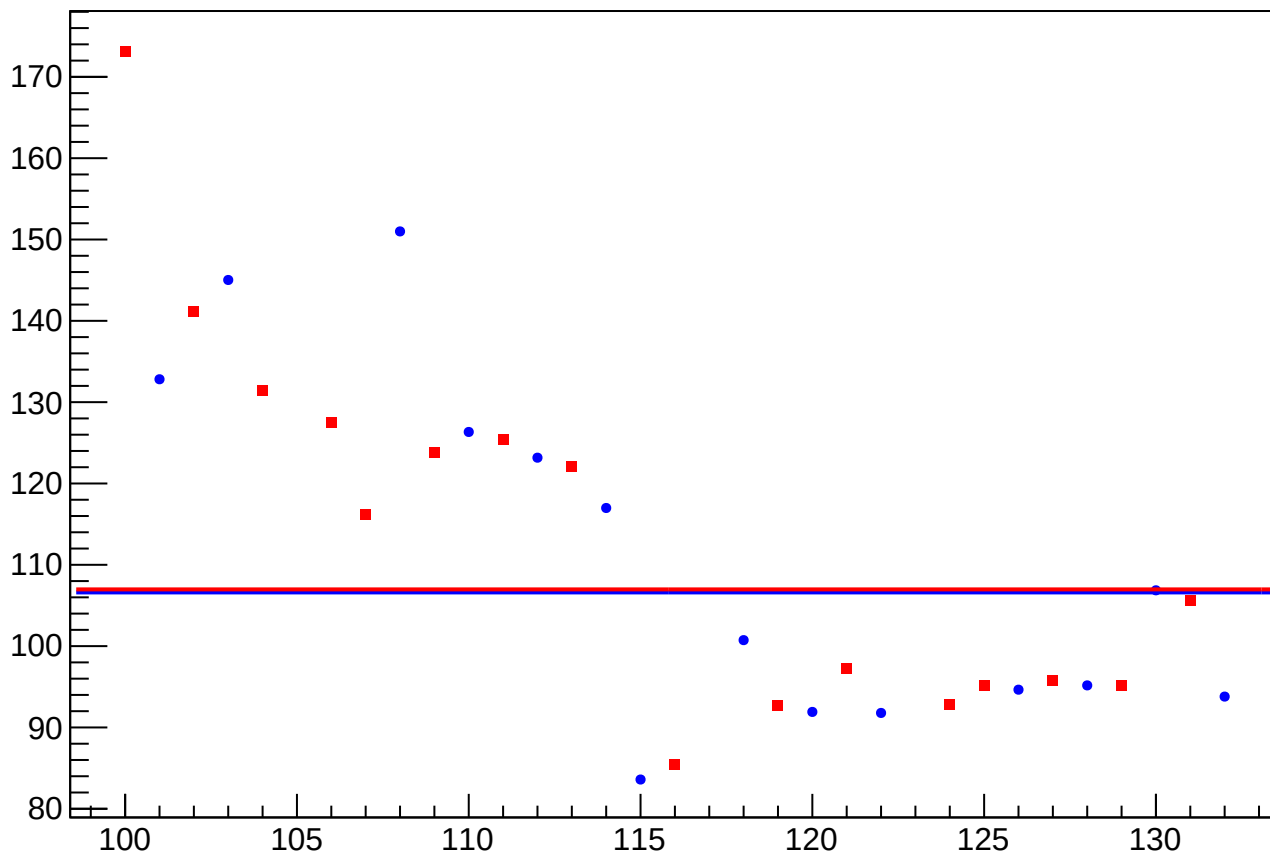
Right: 168.692 $\pm$ 31.070 χ^2 /NDF: 27.6/29

In: 179.616 $\pm$ 44.471 χ^2 /NDF:6.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 168.692 $\pm$ 31.070 χ^2 /NDF: 27.6/29

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 106.605 $\pm$ 0.031 χ^2 /NDF: 347612.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 106.976 $\pm$ 0.031 χ^2 /NDF: 314295.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

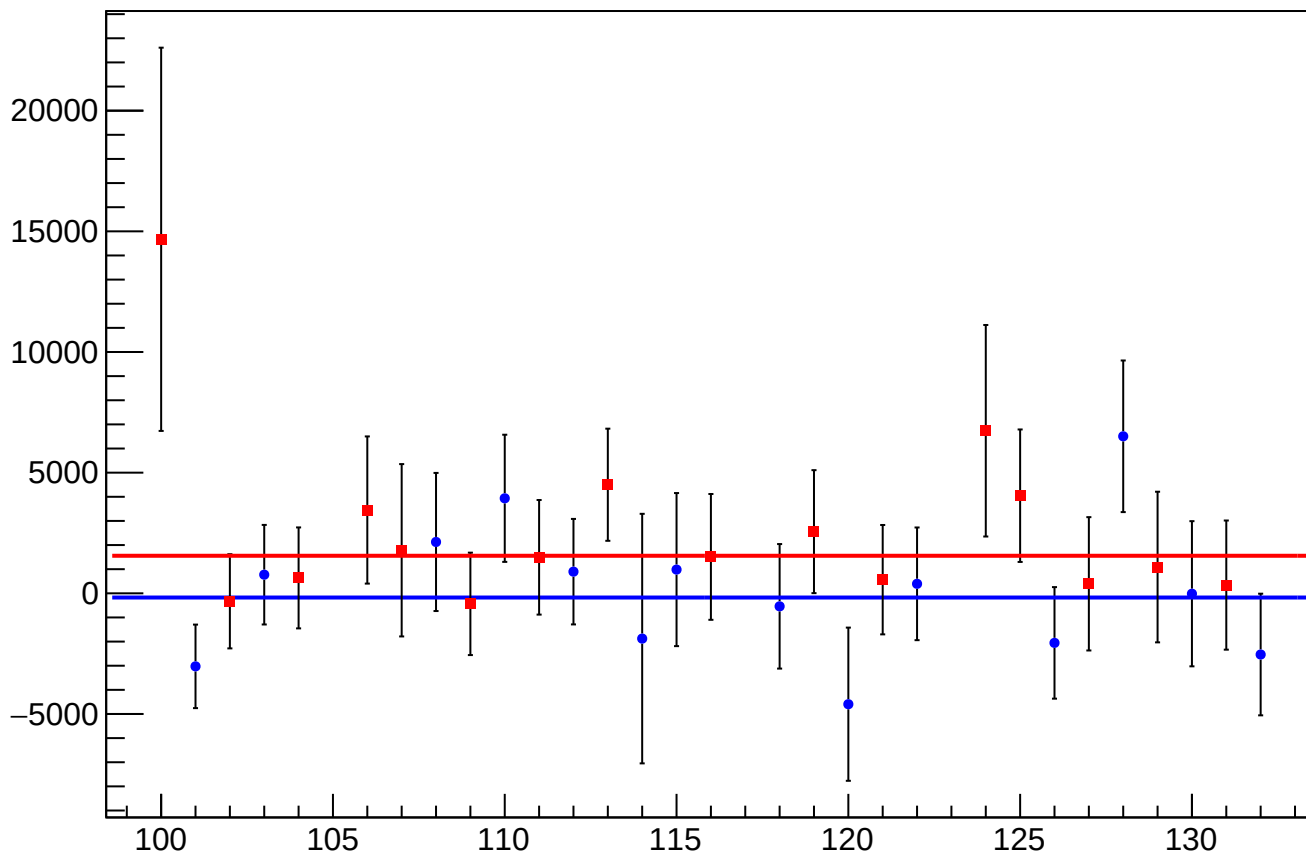
Right: 106.795 $\pm$ 0.022 χ^2 /NDF: 661979.0/29

In: 106.605 $\pm$ 0.031 χ^2 /NDF:347612.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 106.795 $\pm$ 0.022 χ^2 /NDF: 661979.0/29

asym_sam_24_68_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -174.135 ± 678.758 $\chi^2/\text{NDF}: 14.6/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1556.114 ± 654.890 $\chi^2/\text{NDF}: 9.7/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

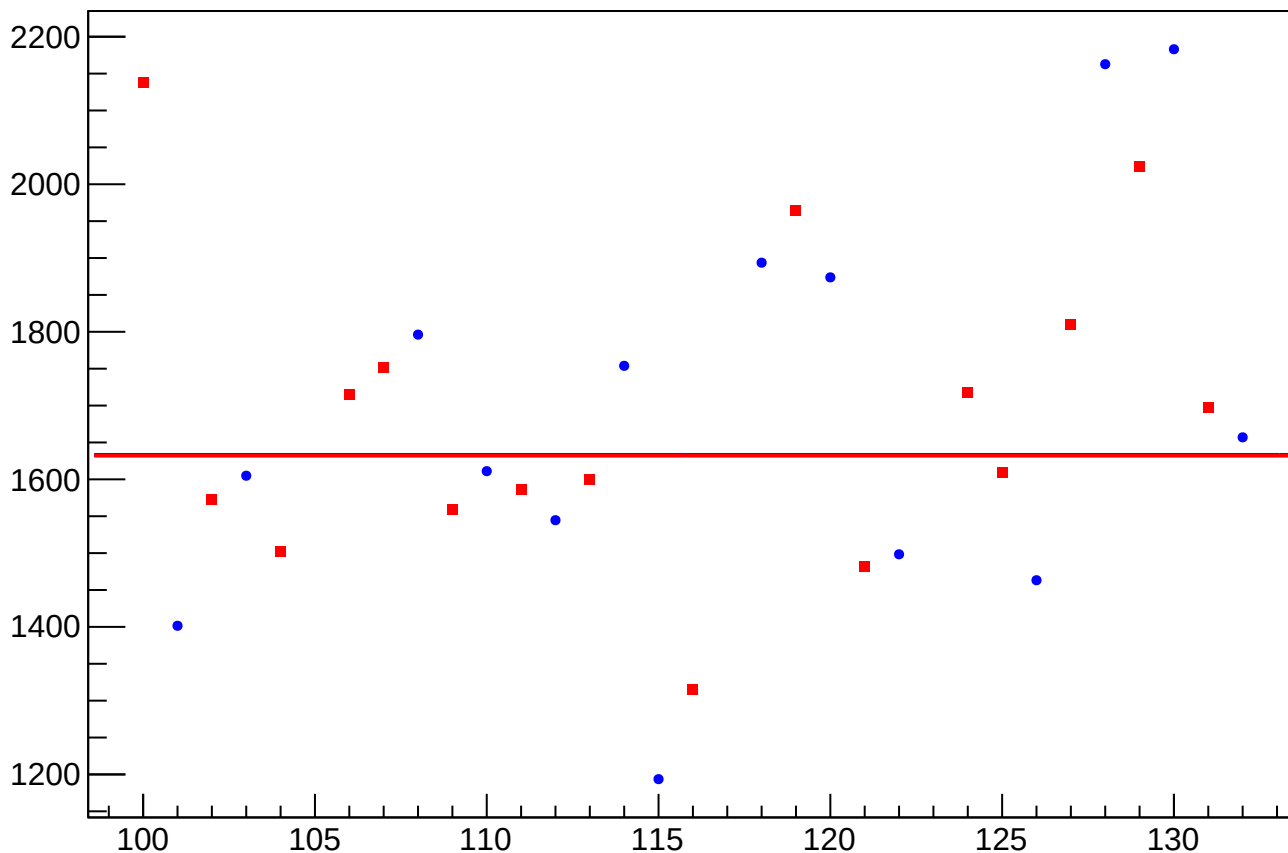
Right: 721.946 ± 471.289 $\chi^2/\text{NDF}: 27.6/29$

In: -174.135 ± 678.758 $\chi^2/\text{NDF}: 14.6/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 721.946 ± 471.289 $\chi^2/\text{NDF}: 27.6/29$

asym_sam_24_68_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1633.042+/-0.480 χ^2/NDF : 258858.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1632.210+/-0.463 χ^2/NDF : 139031.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

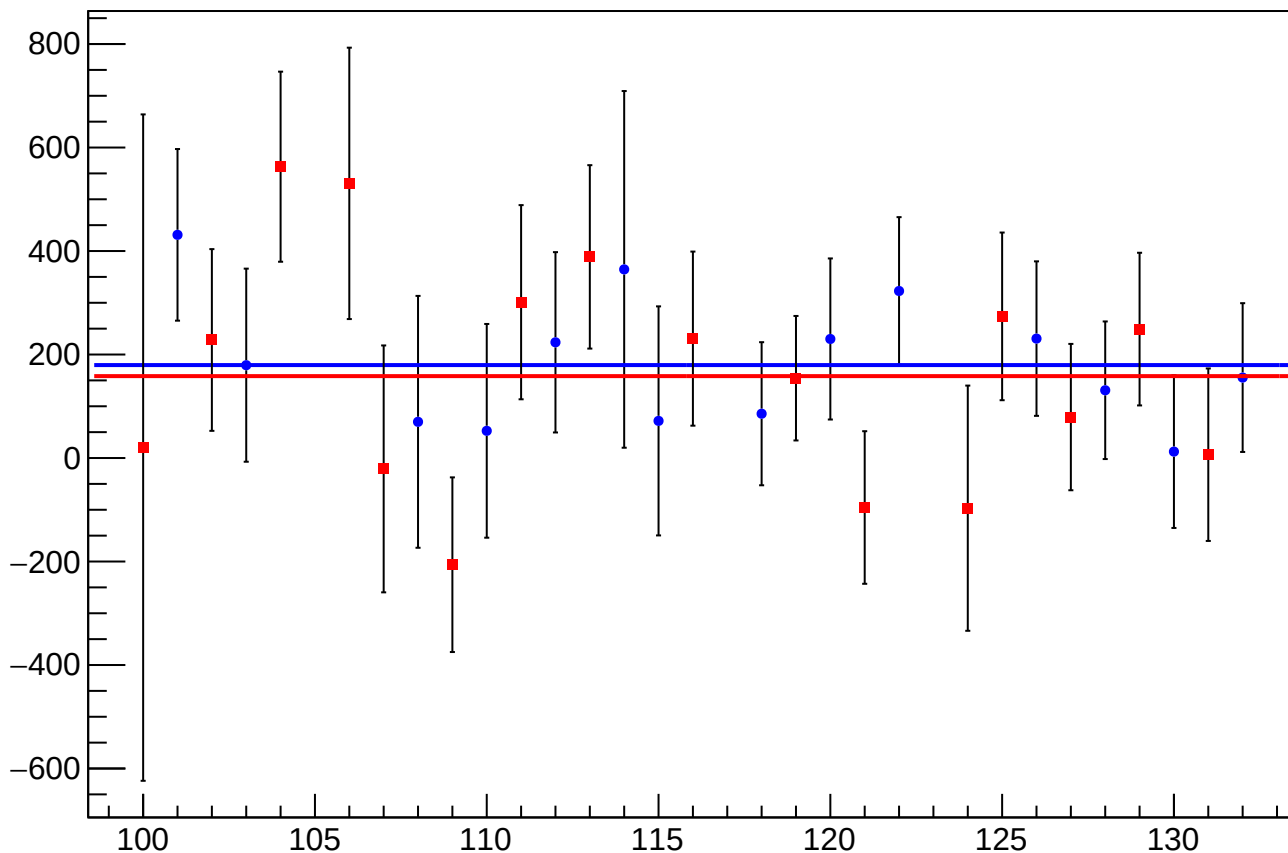
Right: 1632.611+/-0.333 χ^2/NDF : 397890.9/29

In: 1633.042+/-0.480 χ^2/NDF : 258858.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1632.611+/-0.333 χ^2/NDF : 397890.9/29

eigen_dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 179.615 $\pm$ 44.471 χ^2 /NDF: 6.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 158.272 $\pm$ 43.425 χ^2 /NDF: 20.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

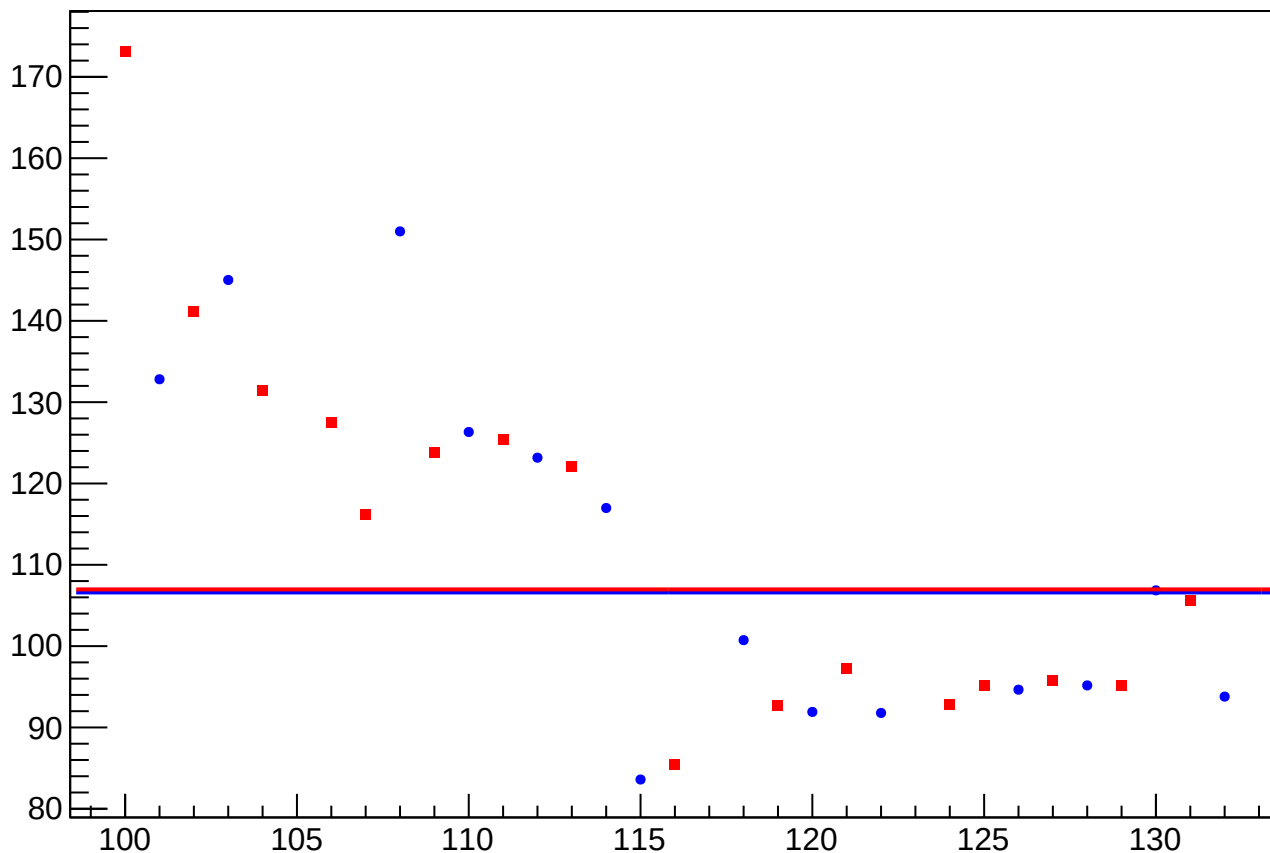
Right: 168.690 $\pm$ 31.069 χ^2 /NDF: 27.6/29

In: 179.615 $\pm$ 44.471 χ^2 /NDF:6.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 168.690 $\pm$ 31.069 χ^2 /NDF: 27.6/29

eigen_dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 106.604 $\pm$ 0.031 χ^2 /NDF: 347619.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 106.975 $\pm$ 0.031 χ^2 /NDF: 314296.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

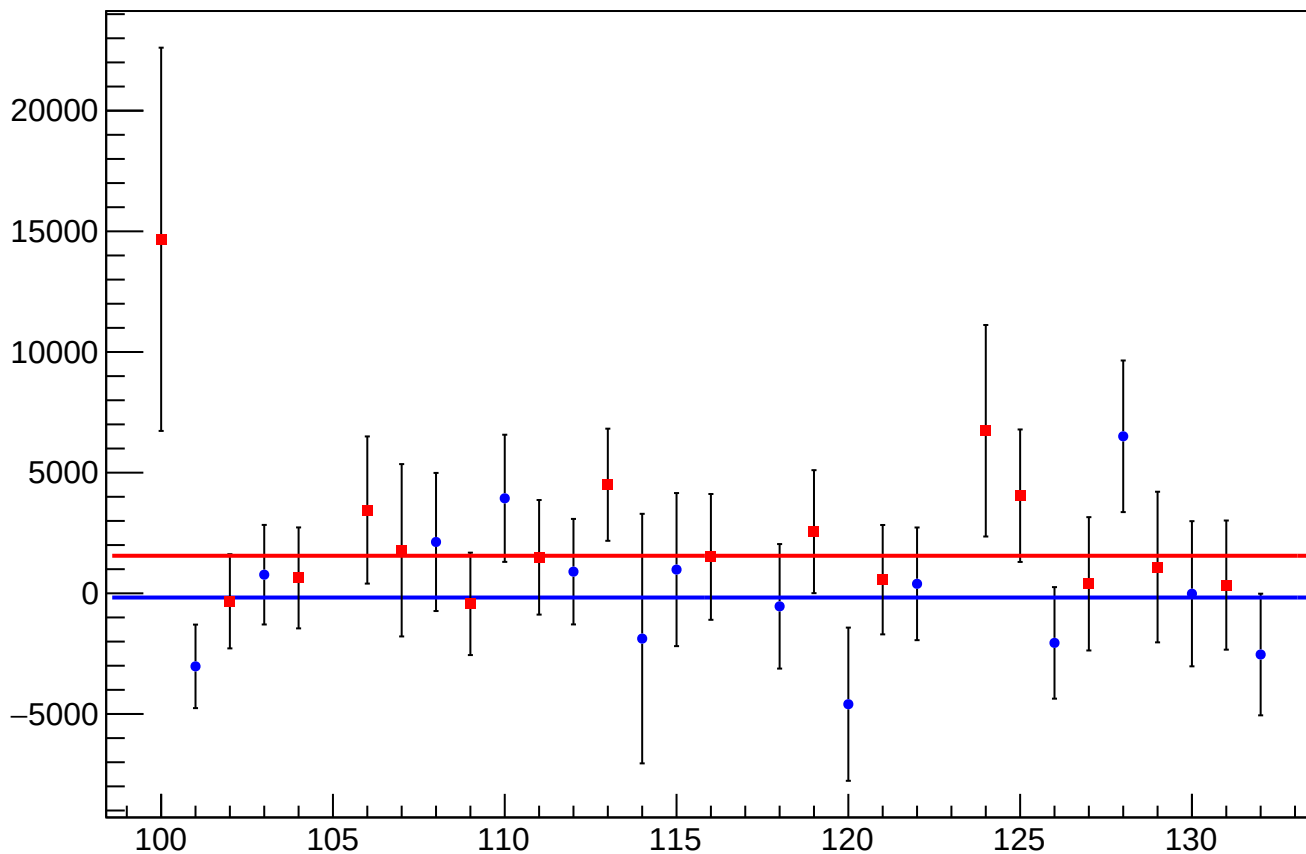
Right: 106.794 $\pm$ 0.022 χ^2 /NDF: 661987.2/29

In: 106.604 $\pm$ 0.031 χ^2 /NDF:347619.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 106.794 $\pm$ 0.022 χ^2 /NDF: 661987.2/29

asym_sam_24_68_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -174.134 $\pm$ 678.757 χ^2 /NDF: 14.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1556.111 $\pm$ 654.888 χ^2 /NDF: 9.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

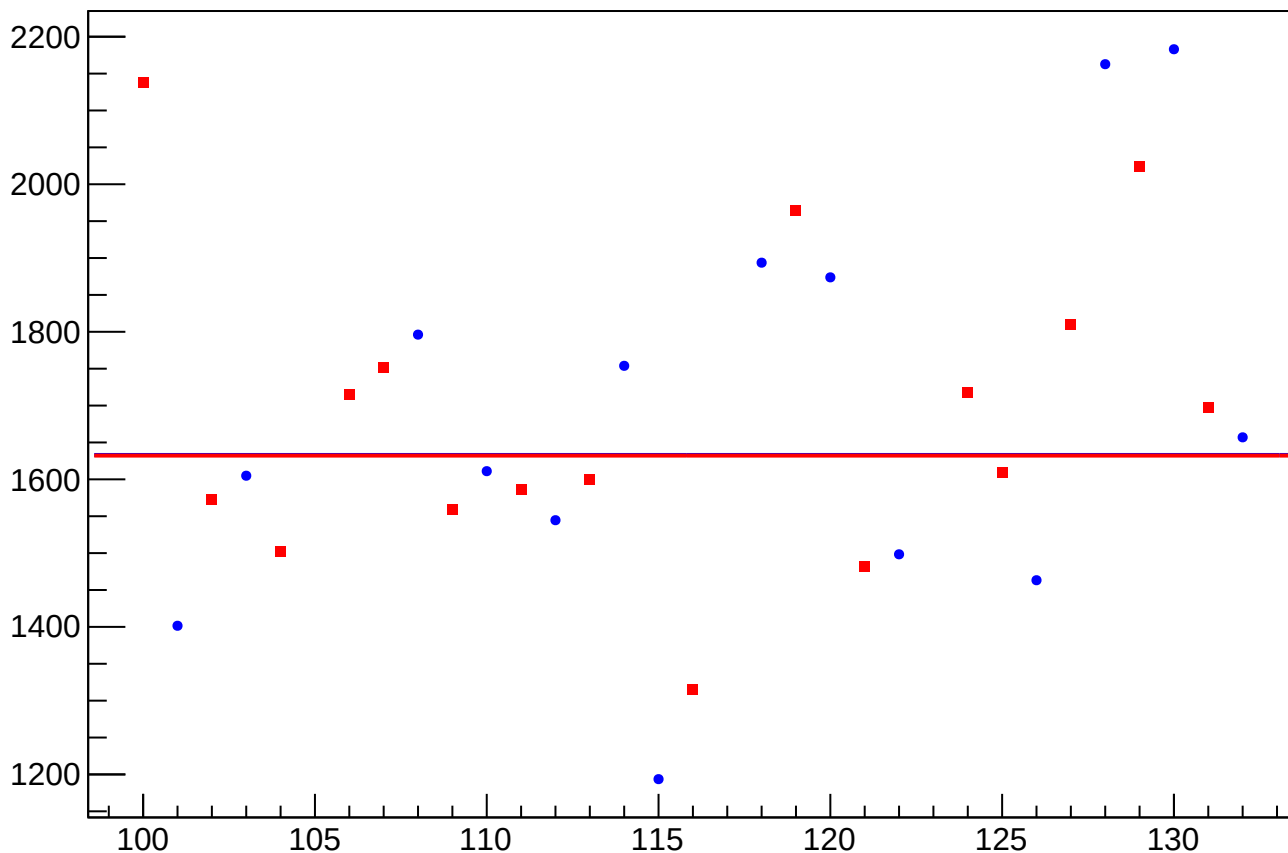
Right: 721.945 $\pm$ 471.288 χ^2 /NDF: 27.6/29

In: -174.134 $\pm$ 678.757 χ^2 /NDF:14.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 721.945 $\pm$ 471.288 χ^2 /NDF: 27.6/29

asym_sam_24_68_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1633.038+/-0.480 χ^2/NDF : 258856.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1632.206+/-0.463 χ^2/NDF : 139031.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

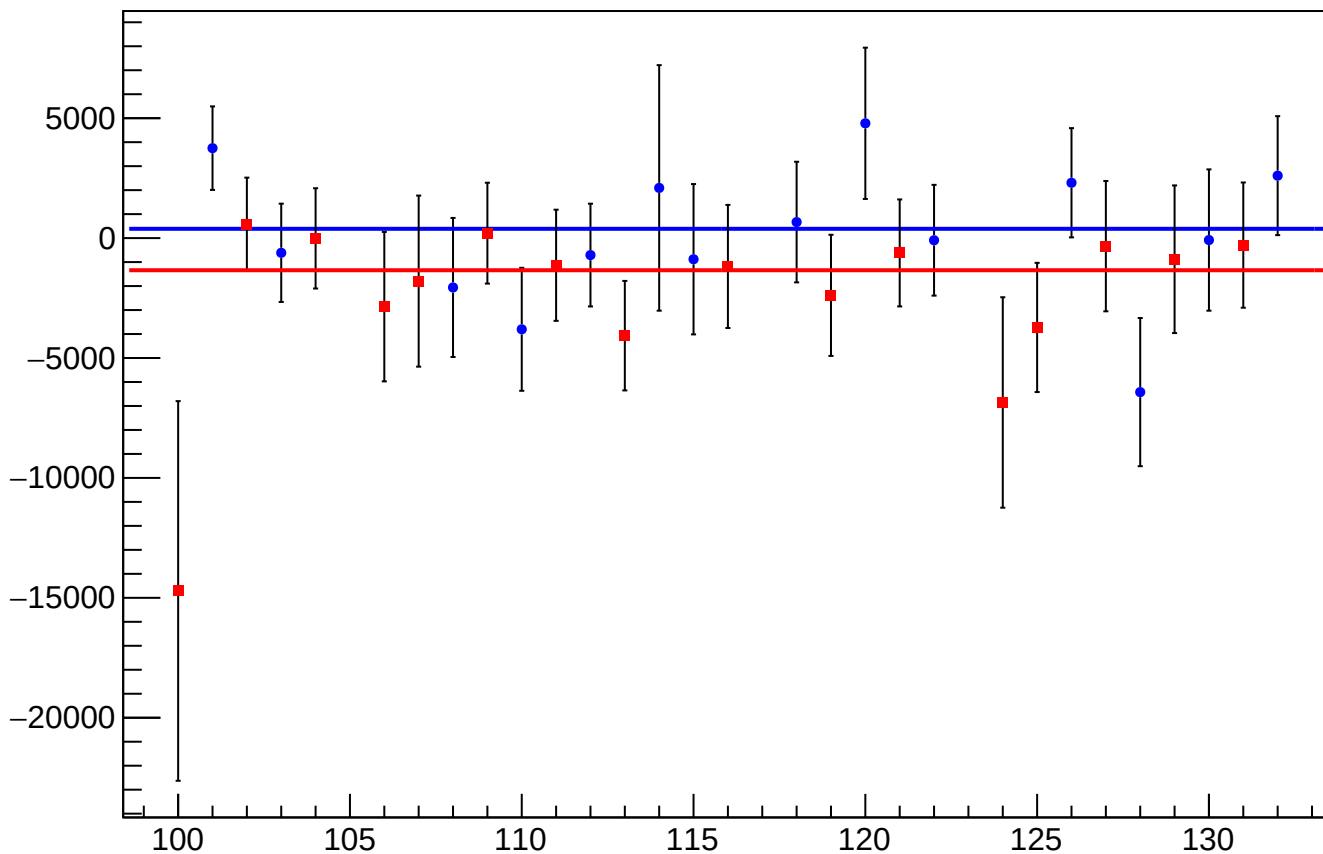
Right: 1632.608+/-0.333 χ^2/NDF : 397889.0/29

In: 1633.038+/-0.480 χ^2/NDF : 258856.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1632.608+/-0.333 χ^2/NDF : 397889.0/29

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 387.666 ± 671.436 χ^2/NDF : 16.3/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1339.963 ± 647.859 χ^2/NDF : 9.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

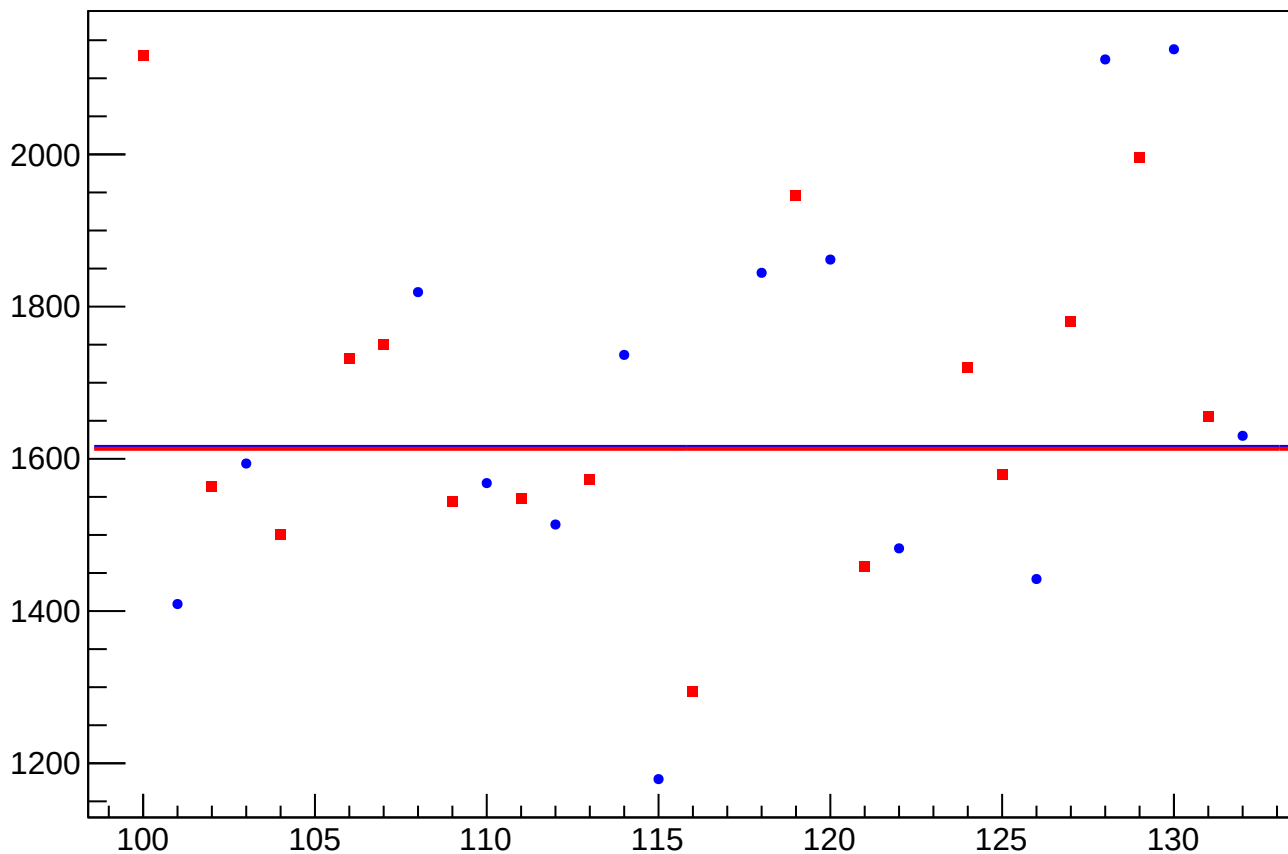
Right: -507.012 ± 466.218 χ^2/NDF : 29.1/29

In: 387.666 ± 671.436 χ^2/NDF : 16.3/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -507.012 ± 466.218 χ^2/NDF : 29.1/29

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1615.680+/-0.475 χ^2/NDF : 247539.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1613.177+/-0.458 χ^2/NDF : 141513.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

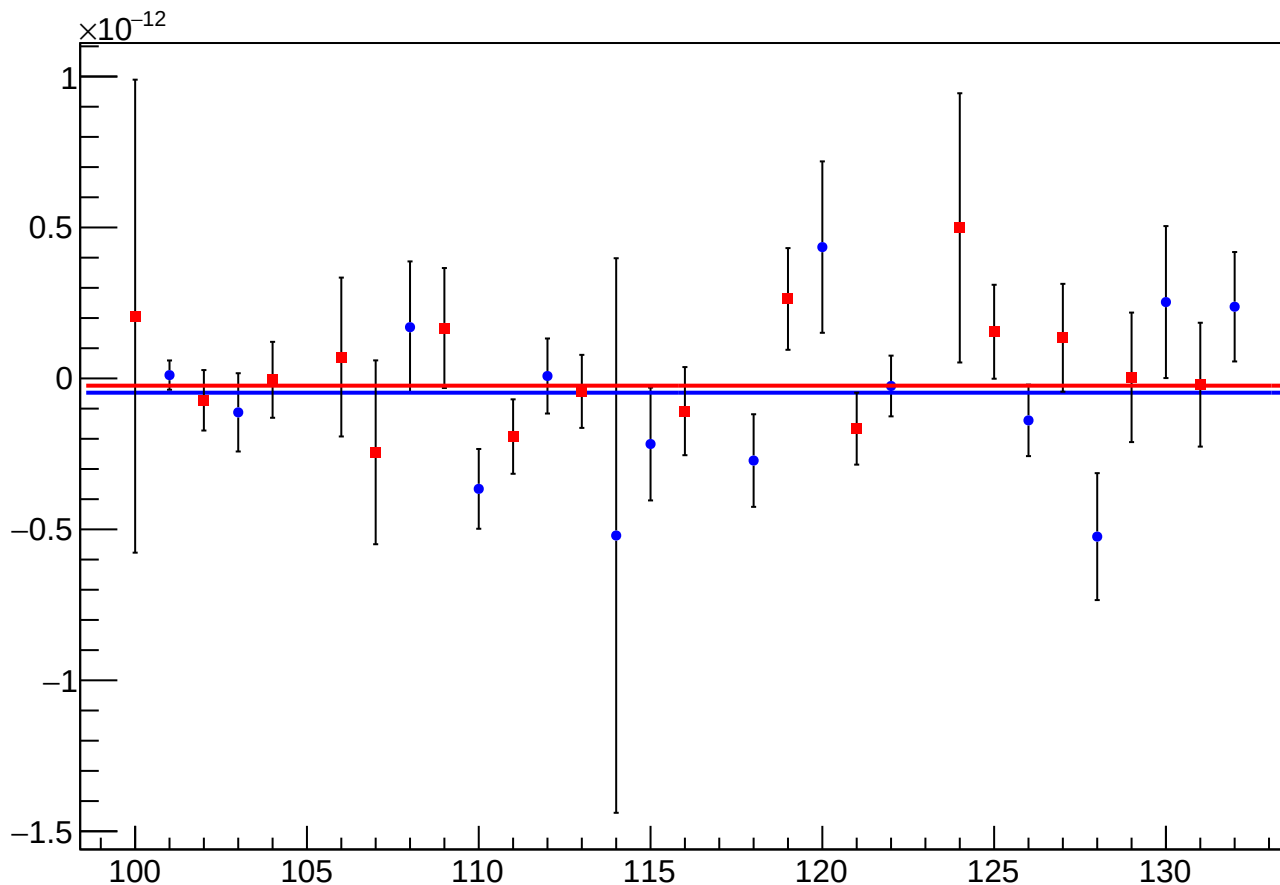
Right: 1614.384+/-0.330 χ^2/NDF : 389067.2/29

In: 1615.680+/-0.475 χ^2/NDF : 247539.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1614.384+/-0.330 χ^2/NDF : 389067.2/29

asym_sam_24_68_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 24.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

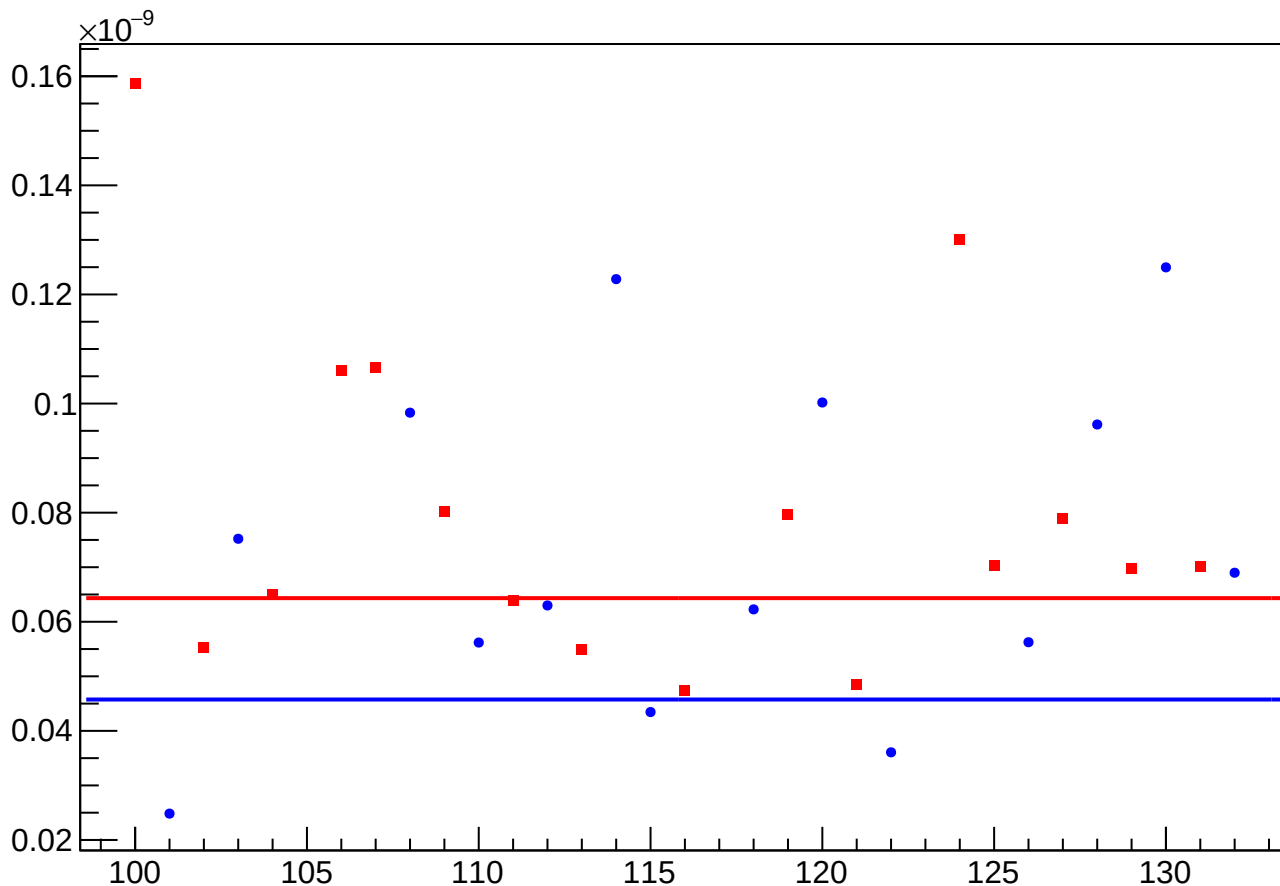
Right: -0.000+/-0.000 χ^2/NDF : 36.7/29

In: -0.000+/-0.000 χ^2/NDF :24.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 36.7/29

asym_sam_24_68_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1133268.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 300102.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

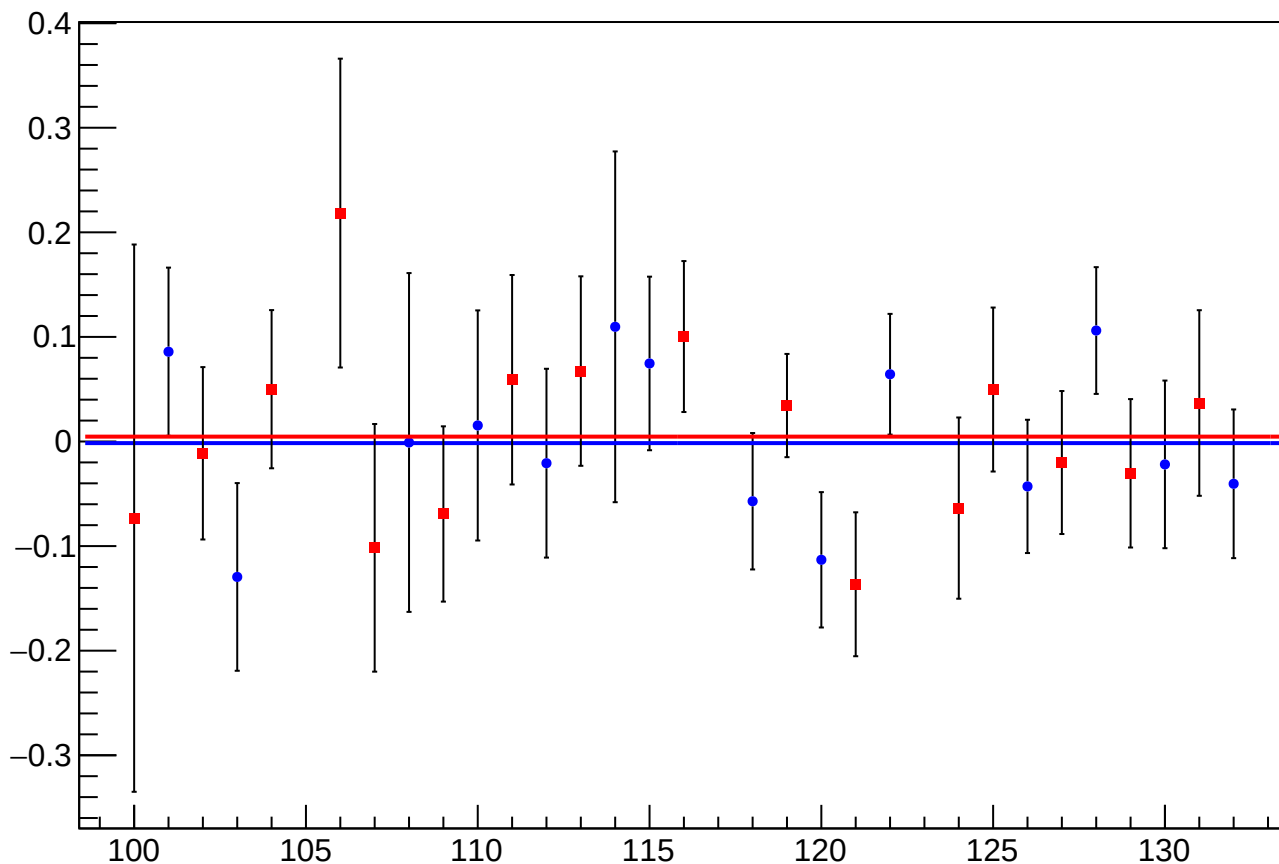
Right: 0.000+/-0.000 χ^2/NDF : 1693812.8/29

In: 0.000+/-0.000 χ^2/NDF : 1133268.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1693812.8/29

asym_sam_24_68_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 ± 0.021 χ^2/NDF : 13.5/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.005 ± 0.020 χ^2/NDF : 12.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

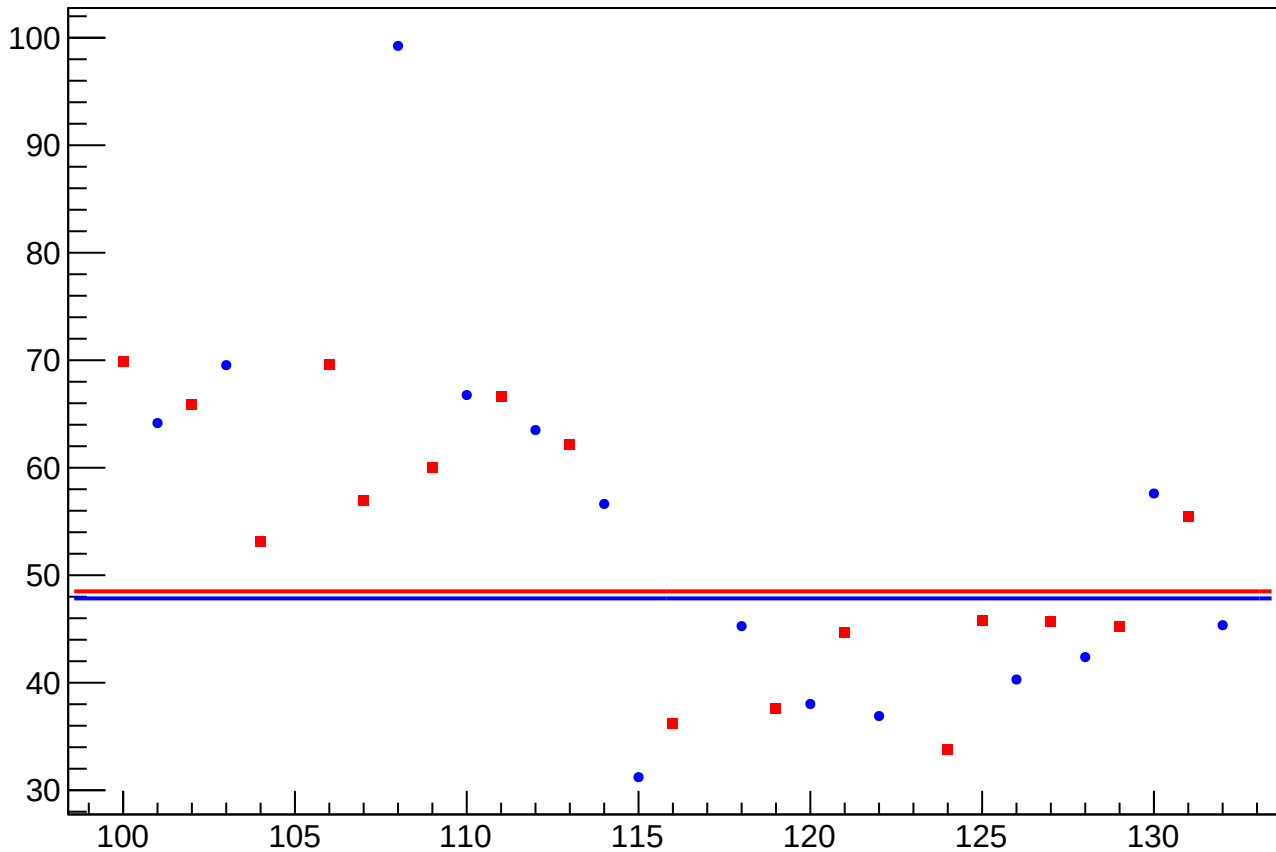
Right: 0.002 ± 0.014 χ^2/NDF : 26.3/29

In: -0.002 ± 0.021 χ^2/NDF : 13.5/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.002 ± 0.014 χ^2/NDF : 26.3/29

asym_sam_24_68_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.846+/-0.015 χ^2/NDF : 803363.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 48.499+/-0.014 χ^2/NDF : 551424.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

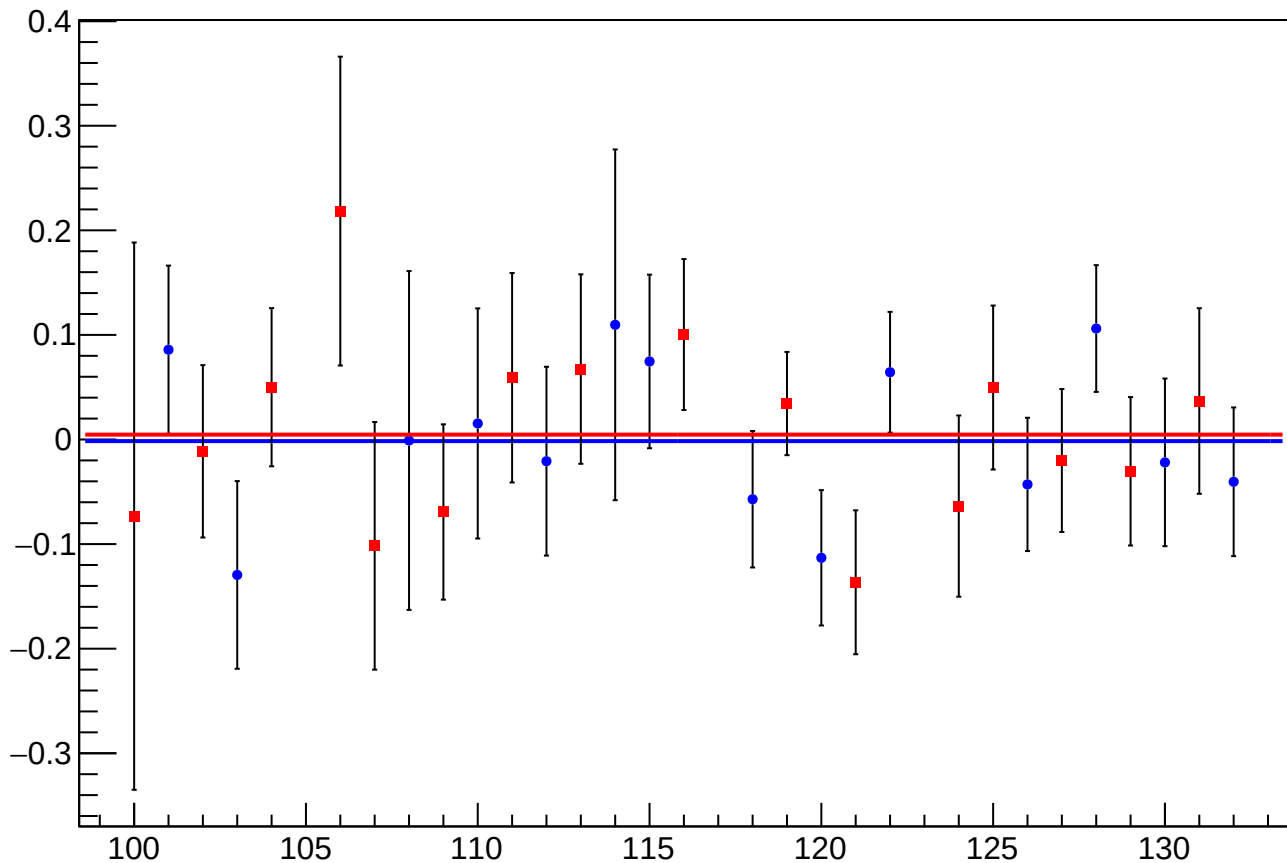
Right: 48.180+/-0.010 χ^2/NDF : 1355813.6/29

In: 47.846+/-0.015 χ^2/NDF :803363.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 48.180+/-0.010 χ^2/NDF : 1355813.6/29

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.021 χ^2 /NDF: 13.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.020 χ^2 /NDF: 12.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

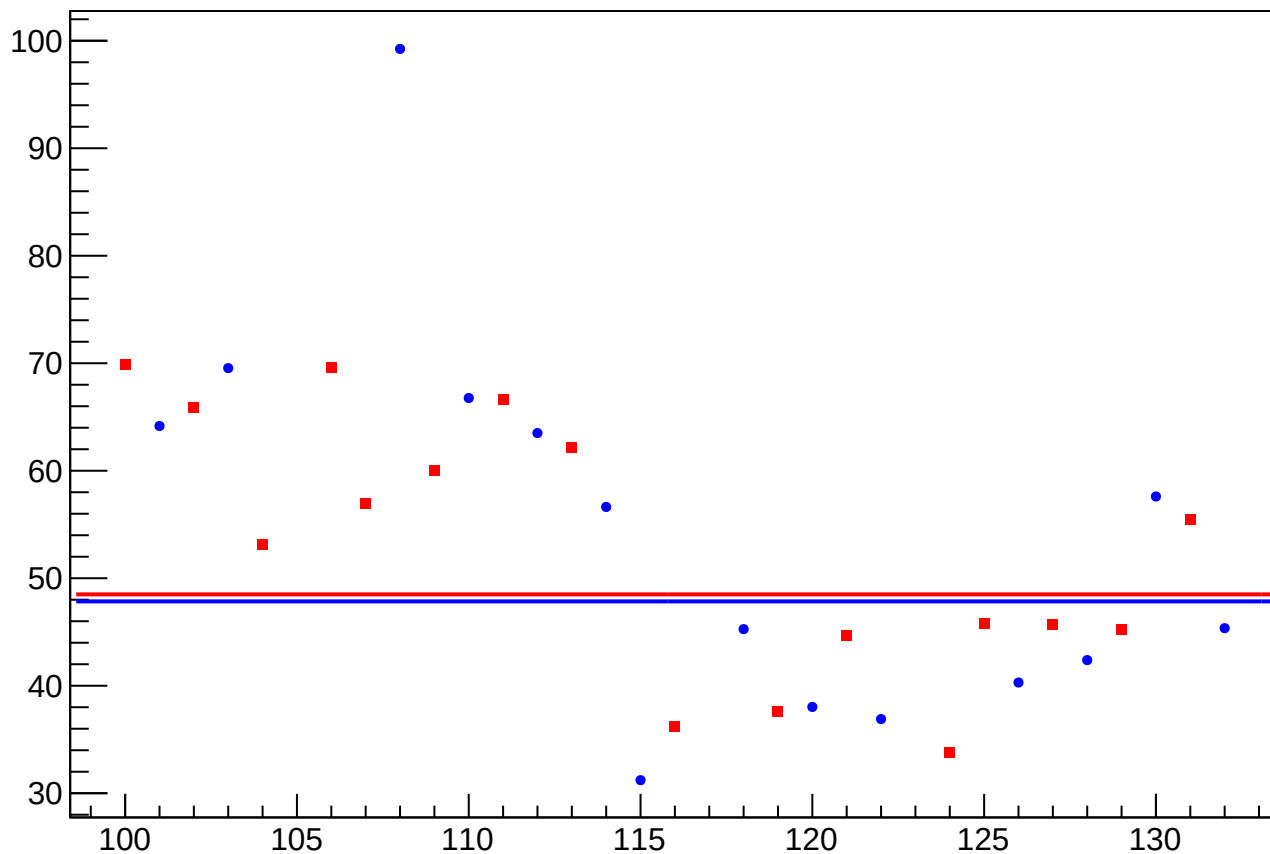
Right: 0.002 $\pm$ 0.014 χ^2 /NDF: 26.3/29

In: -0.002 $\pm$ 0.021 χ^2 /NDF:13.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.014 χ^2 /NDF: 26.3/29

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.846+/-0.015 χ^2/NDF : 803363.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.499+/-0.014 χ^2/NDF : 551424.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

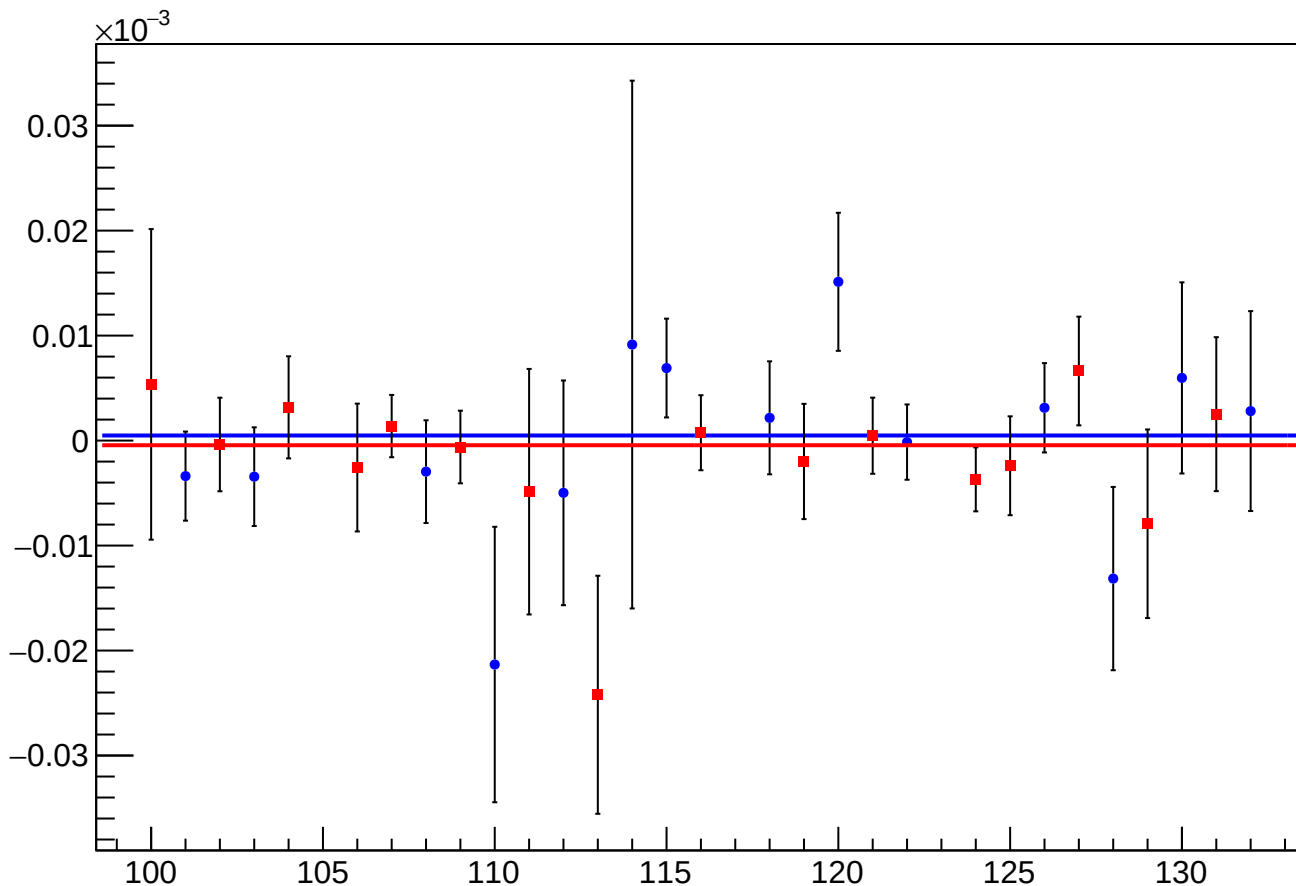
Right: 48.180+/-0.010 χ^2/NDF : 1355813.6/29

In: 47.846+/-0.015 χ^2/NDF : 803363.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.180+/-0.010 χ^2/NDF : 1355813.6/29

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

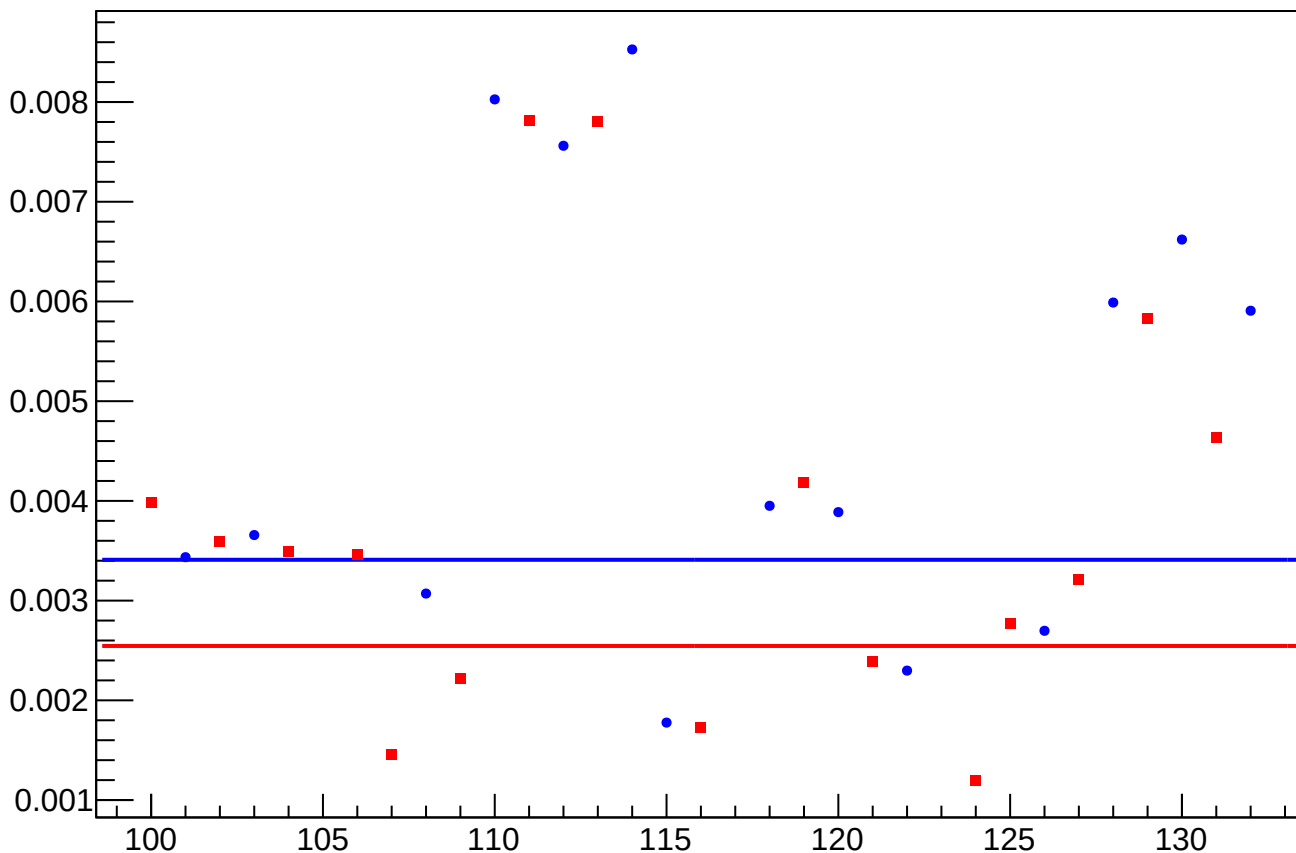
Right: -0.000+/-0.000 χ^2/NDF : 25.6/29

In: 0.000+/-0.000 χ^2/NDF : 15.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.6/29

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1727814.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2520263.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

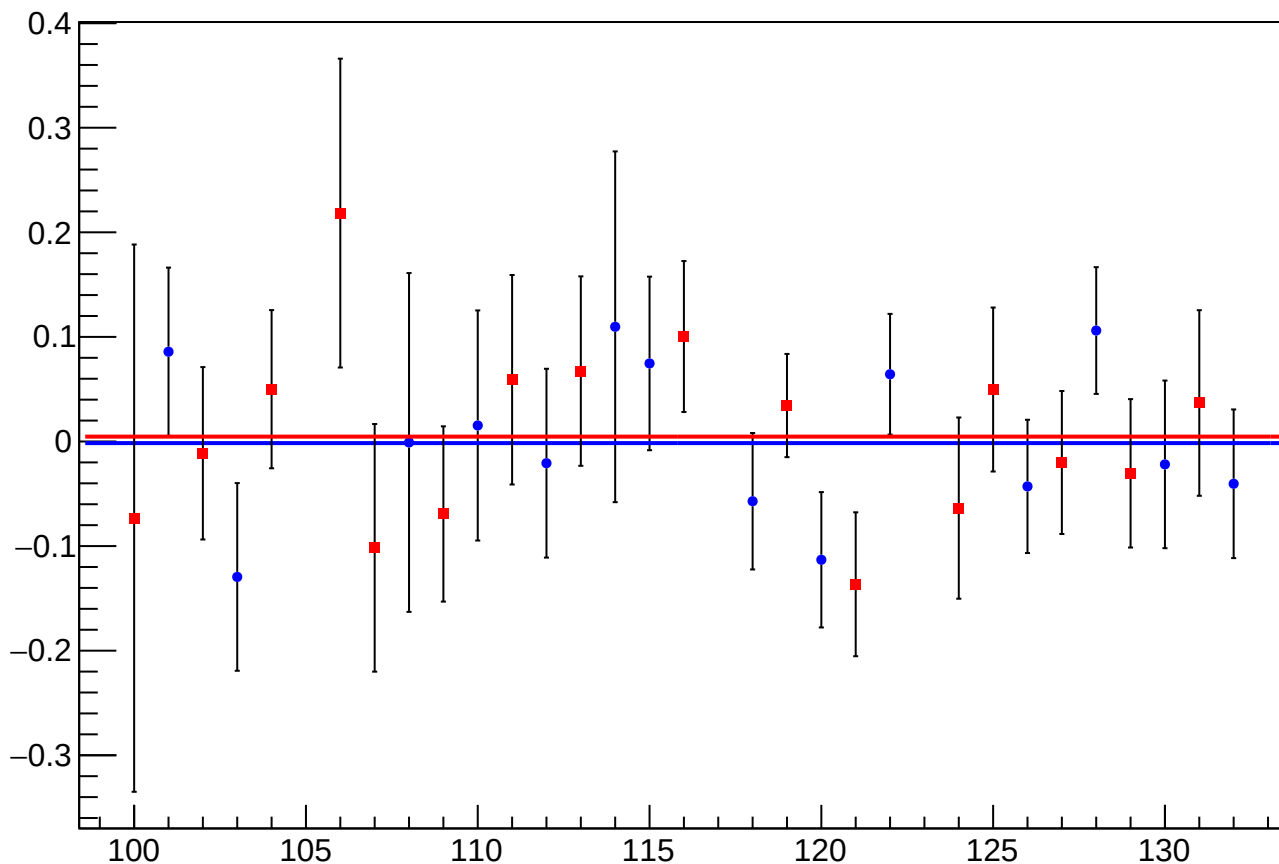
Right: 0.003+/-0.000 χ^2/NDF : 4655840.2/29

In: 0.003+/-0.000 χ^2/NDF : 1727814.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 4655840.2/29

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.021 χ^2 /NDF: 13.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.020 χ^2 /NDF: 12.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

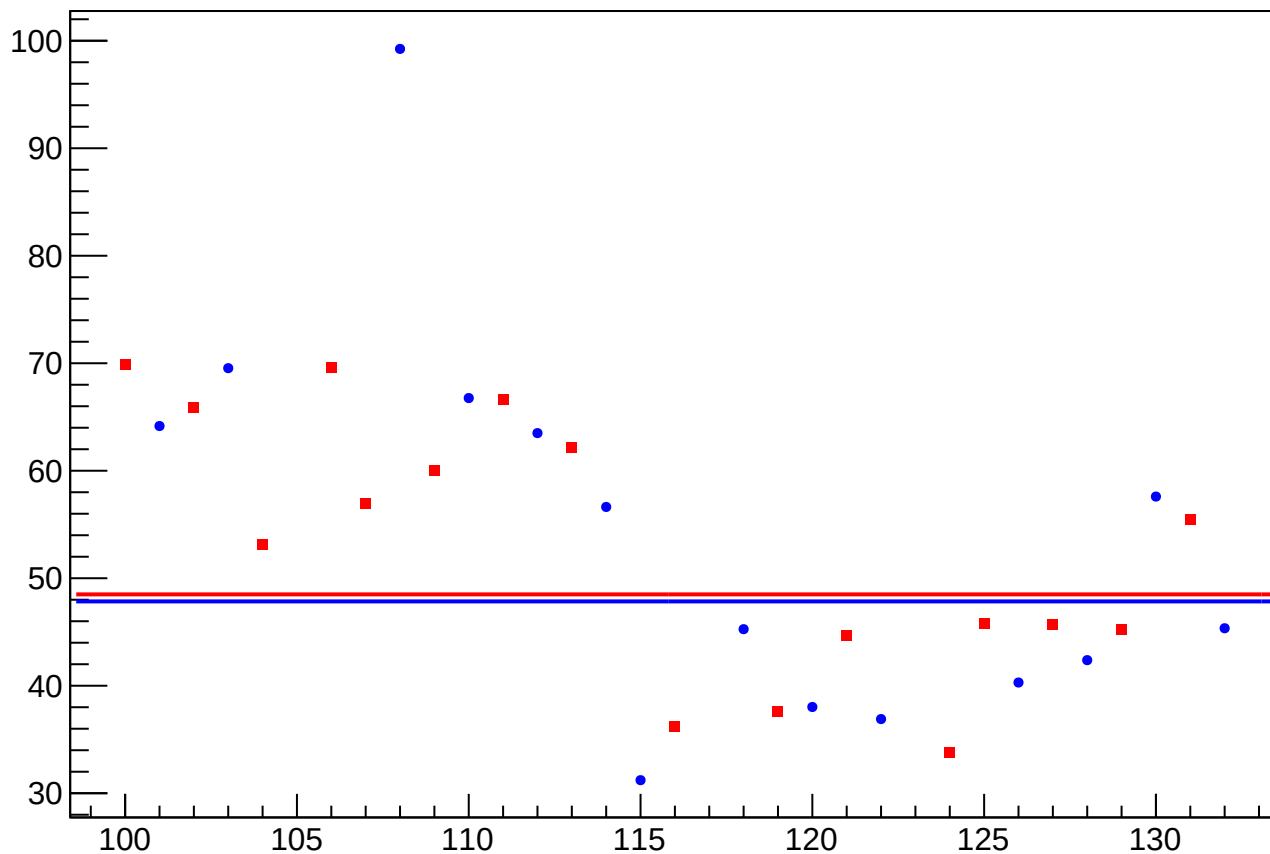
Right: 0.002 $\pm$ 0.014 χ^2 /NDF: 26.3/29

In: -0.002 $\pm$ 0.021 χ^2 /NDF:13.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.014 χ^2 /NDF: 26.3/29

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.844+/-0.015 χ^2/NDF : 803351.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.497+/-0.014 χ^2/NDF : 551420.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

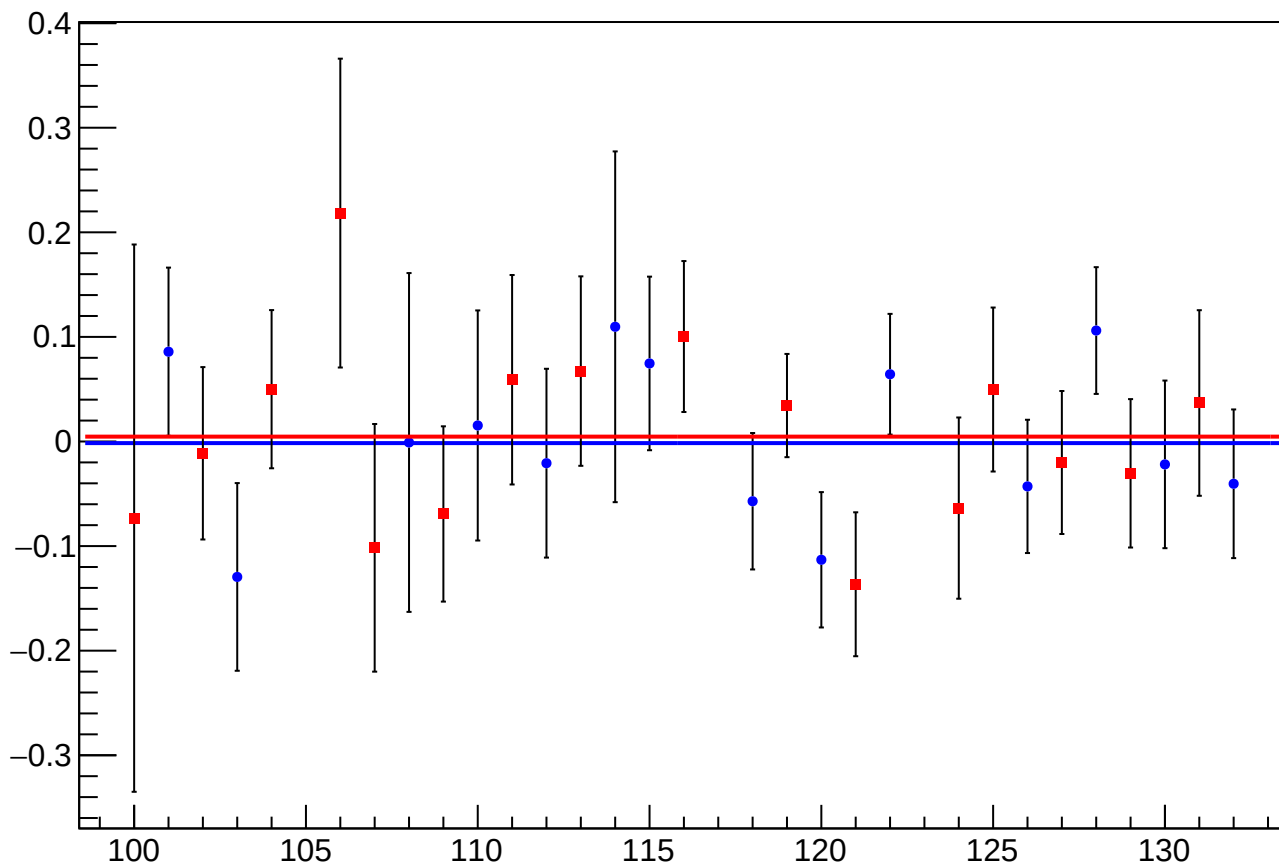
Right: 48.178+/-0.010 χ^2/NDF : 1355799.3/29

In: 47.844+/-0.015 χ^2/NDF : 803351.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.178+/-0.010 χ^2/NDF : 1355799.3/29

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 ± 0.021 χ^2/NDF : 13.5/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.005 ± 0.020 χ^2/NDF : 12.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

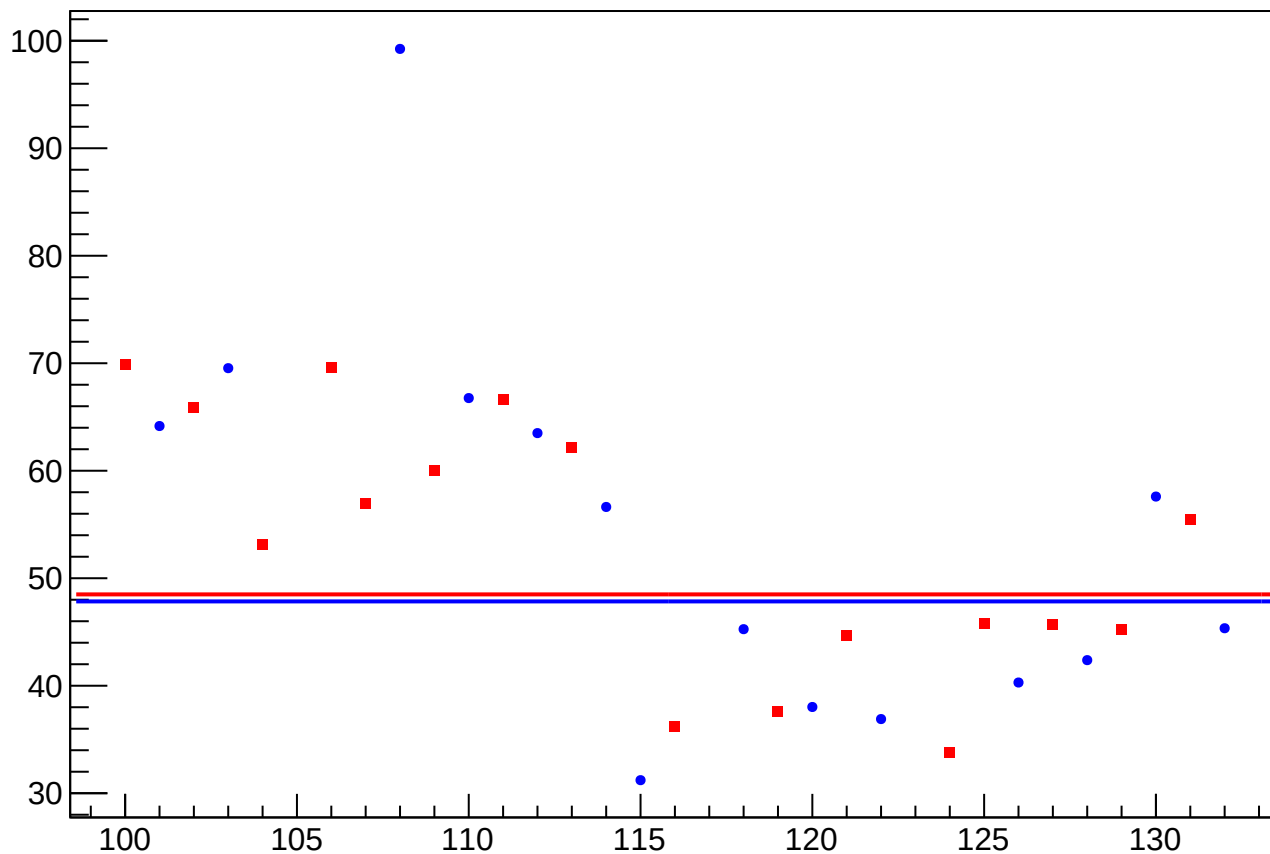
Right: 0.002 ± 0.014 χ^2/NDF : 26.3/29

In: -0.002 ± 0.021 χ^2/NDF : 13.5/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.002 ± 0.014 χ^2/NDF : 26.3/29

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.844+/-0.015 χ^2/NDF : 803351.3/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 48.497+/-0.014 χ^2/NDF : 551420.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

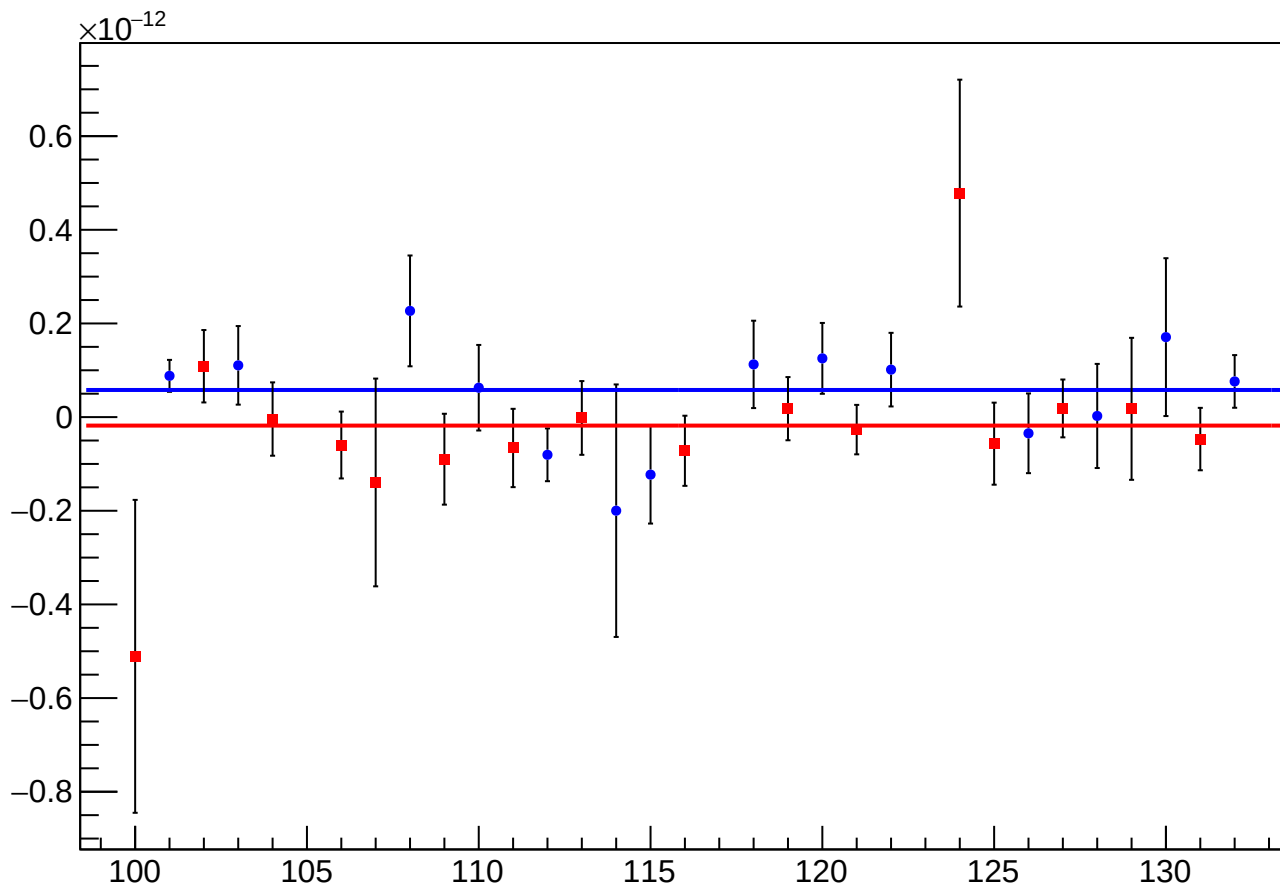
Right: 48.178+/-0.010 χ^2/NDF : 1355799.3/29

In: 47.844+/-0.015 χ^2/NDF :803351.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 48.178+/-0.010 χ^2/NDF : 1355799.3/29

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

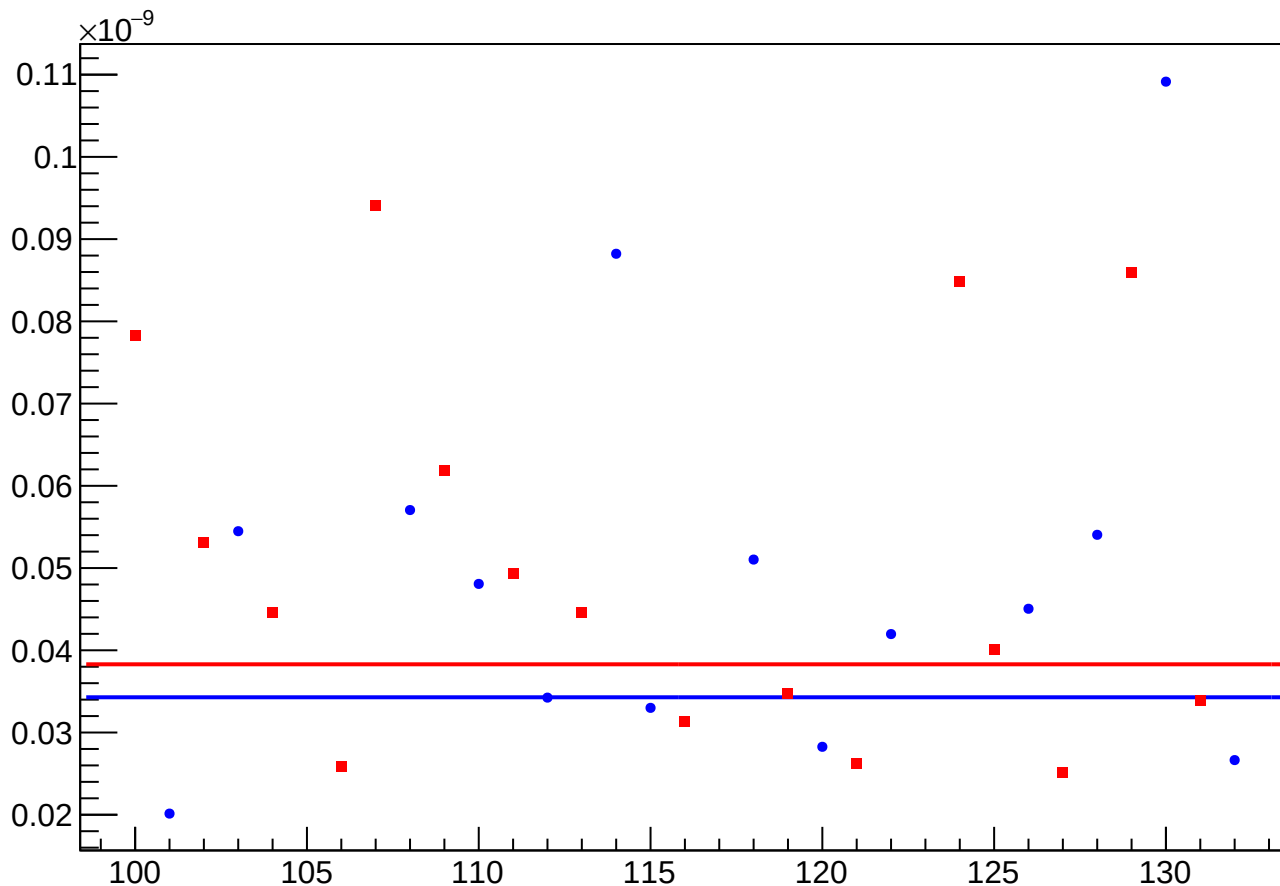
Right: 0.000+/-0.000 χ^2/NDF : 36.1/29

In: 0.000+/-0.000 χ^2/NDF : 16.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 36.1/29

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1283301.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 965754.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

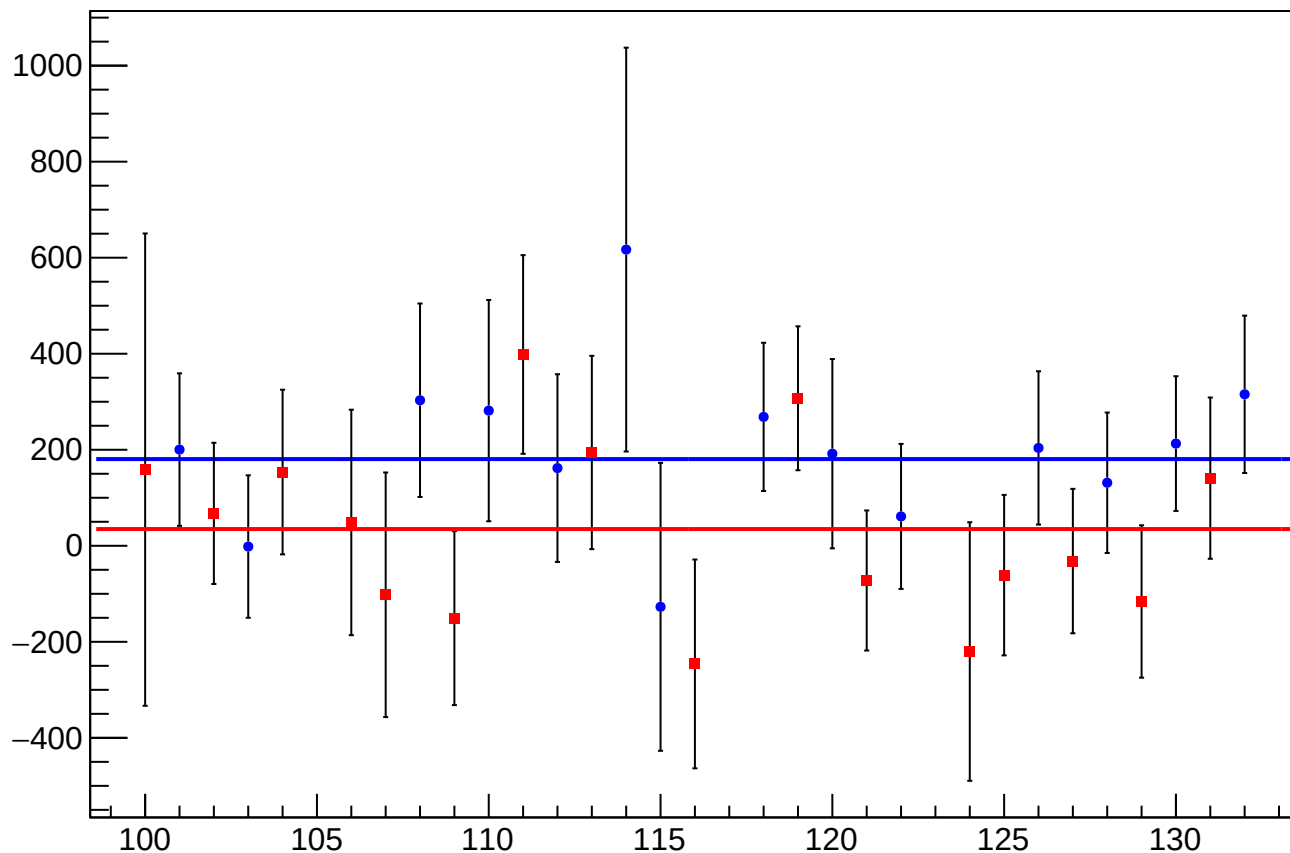
Right: 0.000+/-0.000 χ^2/NDF : 2289465.6/29

In: 0.000+/-0.000 χ^2/NDF : 1283301.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2289465.6/29

reg_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 180.570 $\pm$ 46.779 χ^2 /NDF: 6.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 34.852 $\pm$ 45.736 χ^2 /NDF: 13.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

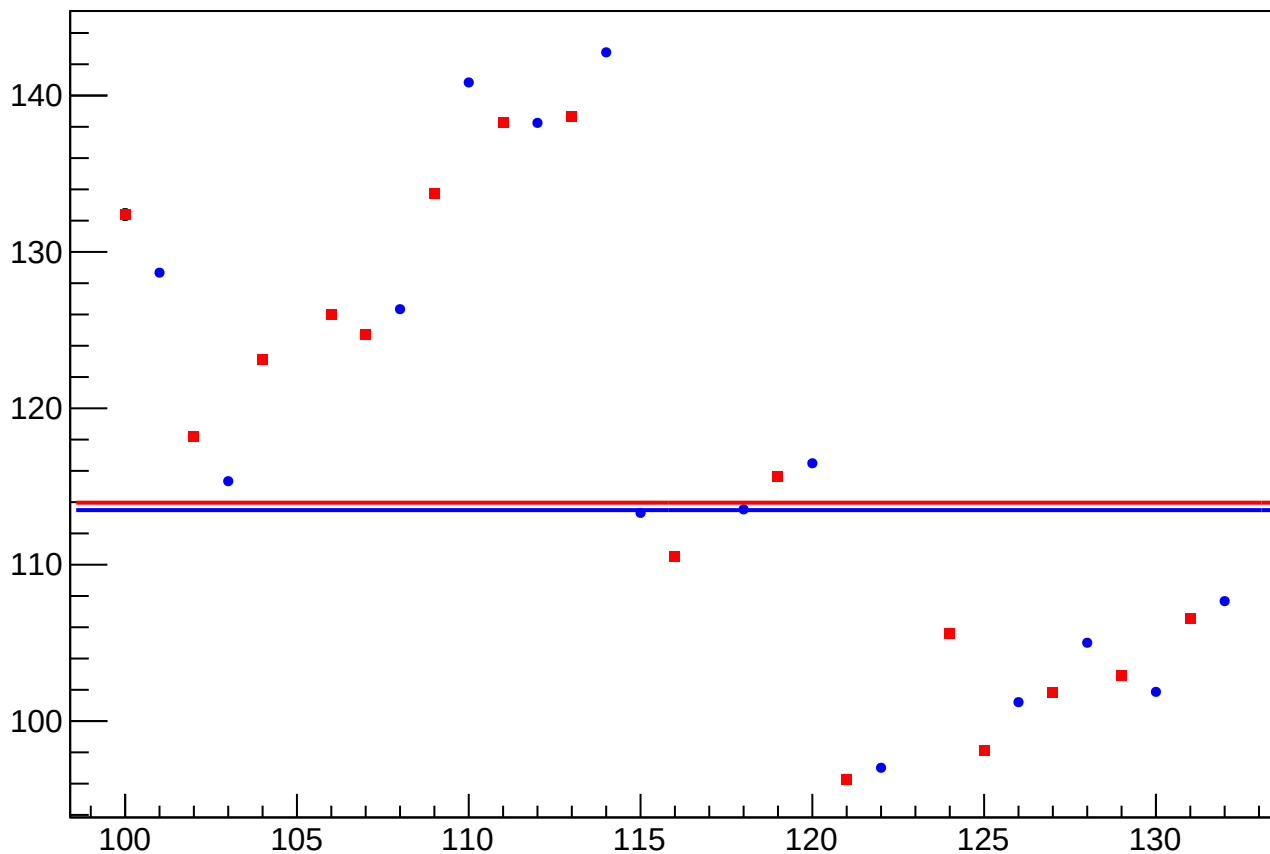
Right: 106.069 $\pm$ 32.703 χ^2 /NDF: 24.9/29

In: 180.570 $\pm$ 46.779 χ^2 /NDF:6.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 106.069 $\pm$ 32.703 χ^2 /NDF: 24.9/29

reg_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 113.490 $\pm$ 0.033 χ^2 /NDF: 155722.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 113.967 $\pm$ 0.032 χ^2 /NDF: 177196.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

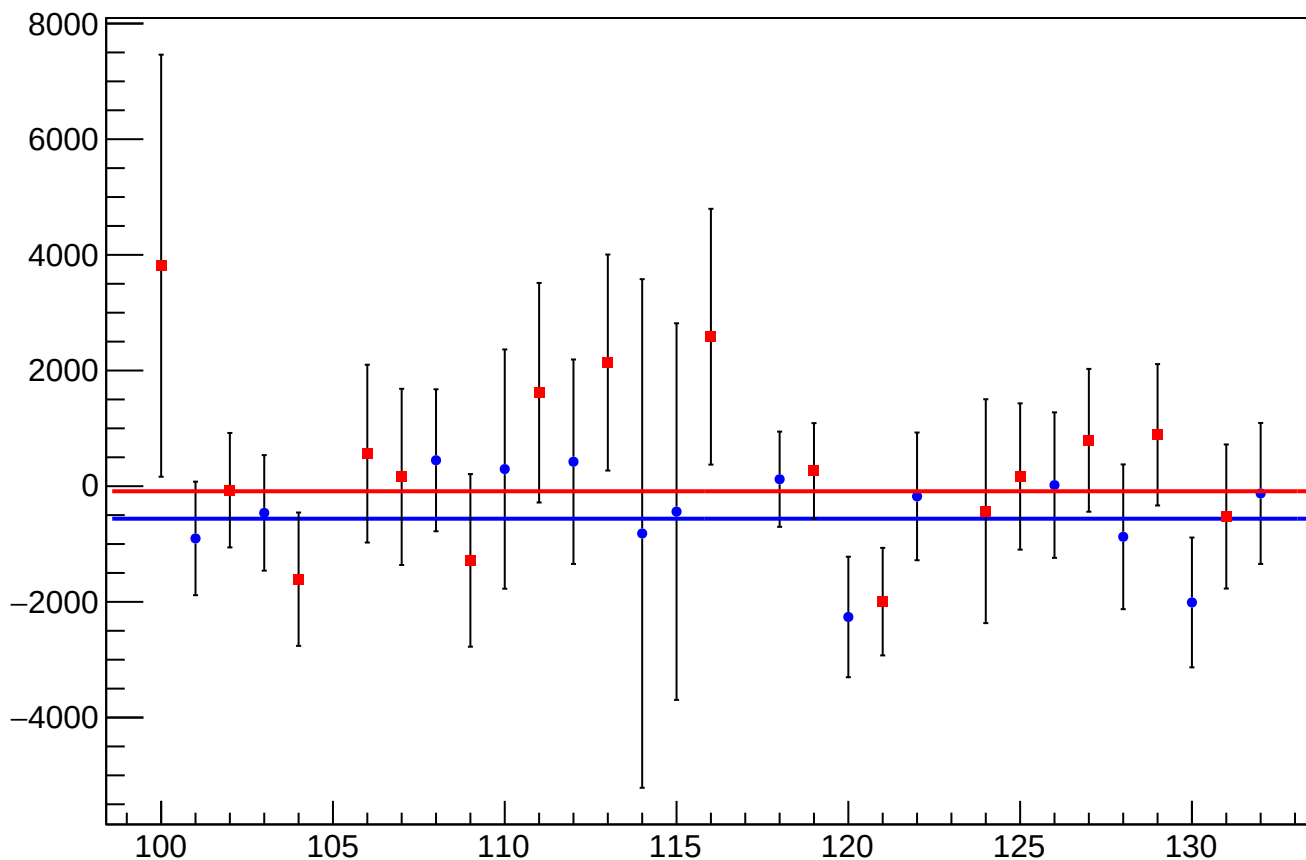
Right: 113.734 $\pm$ 0.023 χ^2 /NDF: 333024.5/29

In: 113.490 $\pm$ 0.033 χ^2 /NDF:155722.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 113.734 $\pm$ 0.023 χ^2 /NDF: 333024.5/29

asym_sam_26_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -561.926+/-326.911 χ^2/NDF : 6.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -87.331+/-325.970 χ^2/NDF : 13.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

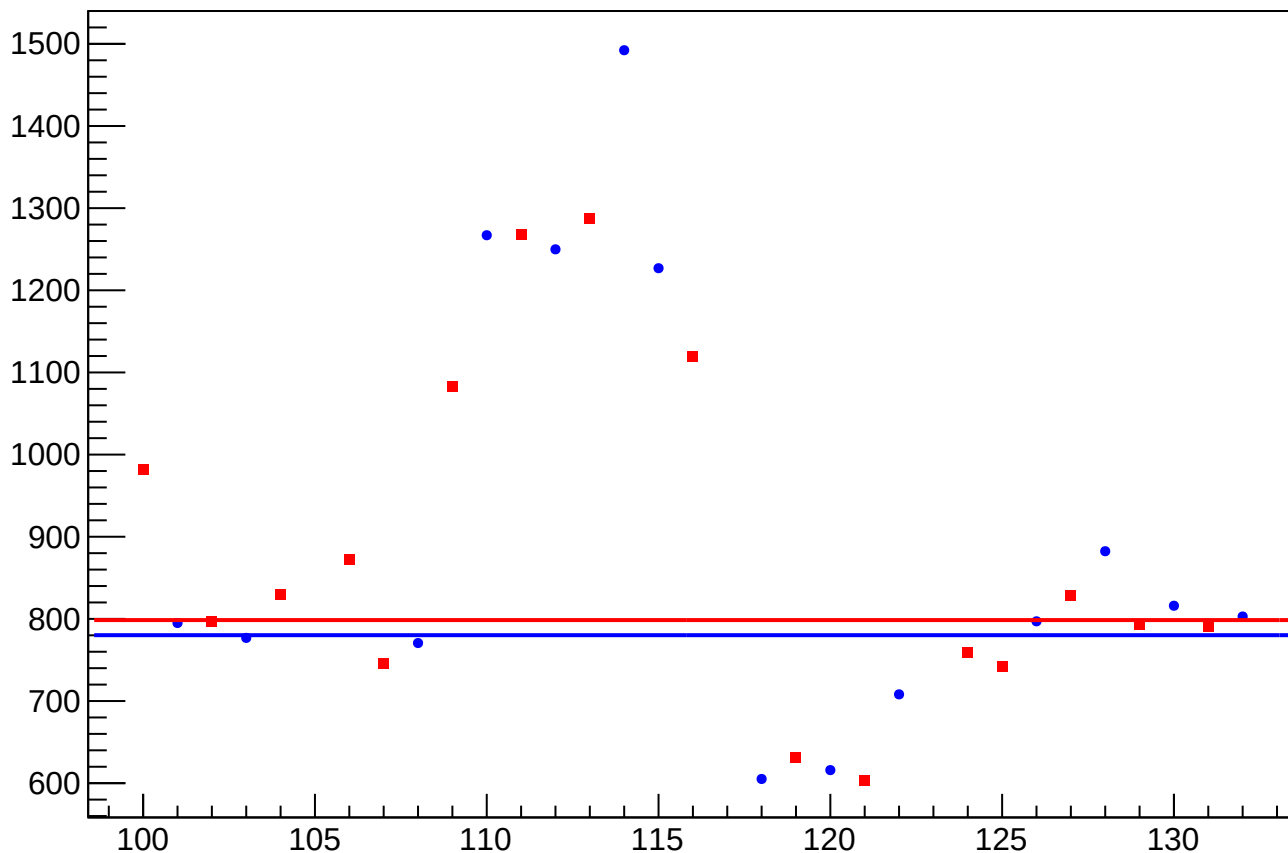
Right: -323.944+/-230.828 χ^2/NDF : 21.0/29

In: -561.926+/-326.911 χ^2/NDF : 6.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -323.944+/-230.828 χ^2/NDF : 21.0/29

asym_sam_26_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 780.161+/-0.231 χ^2/NDF : 507713.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 798.547+/-0.230 χ^2/NDF : 564245.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

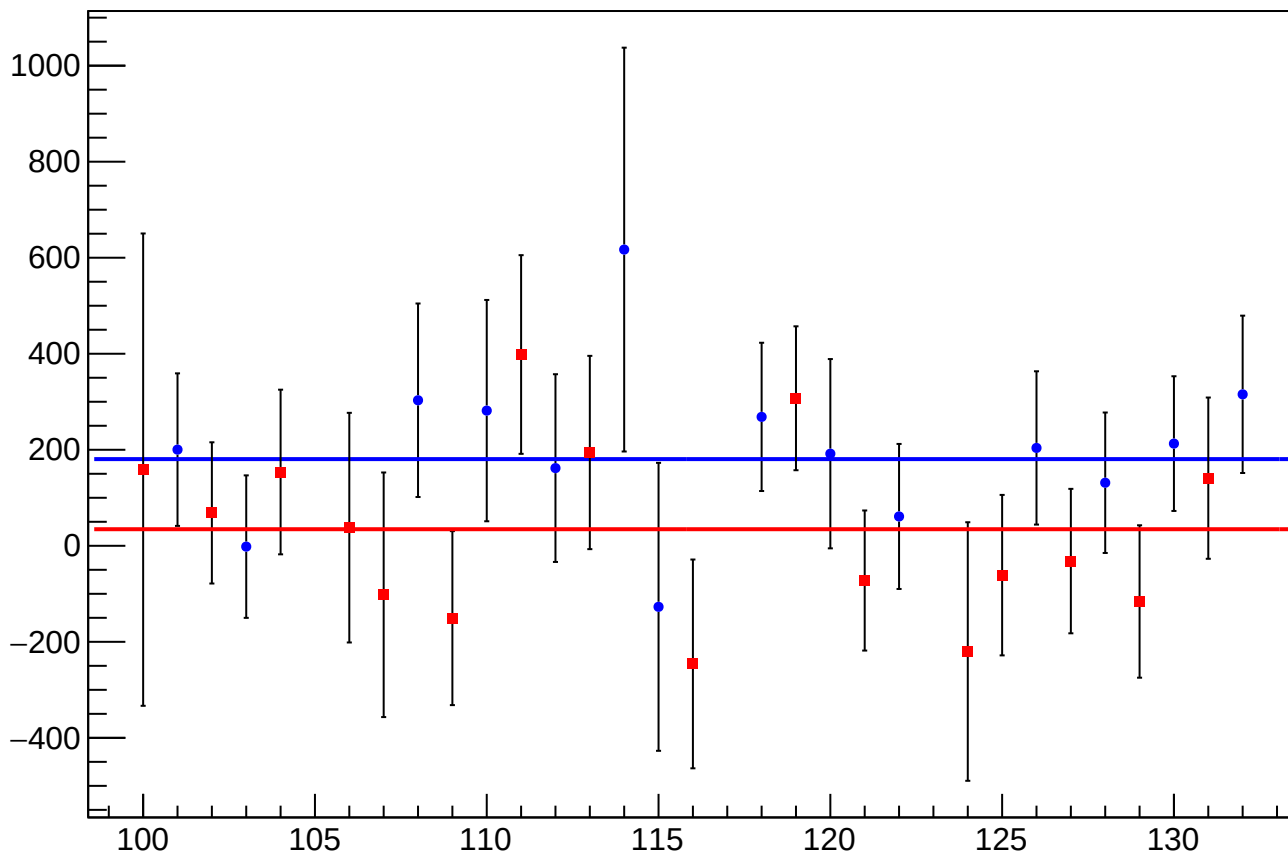
Right: 789.380+/-0.163 χ^2/NDF : 1075131.8/29

In: 780.161+/-0.231 χ^2/NDF :507713.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 789.380+/-0.163 χ^2/NDF : 1075131.8/29

cor_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 180.563 $\pm$ 46.779 χ^2 /NDF: 6.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 34.542 $\pm$ 45.769 χ^2 /NDF: 13.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

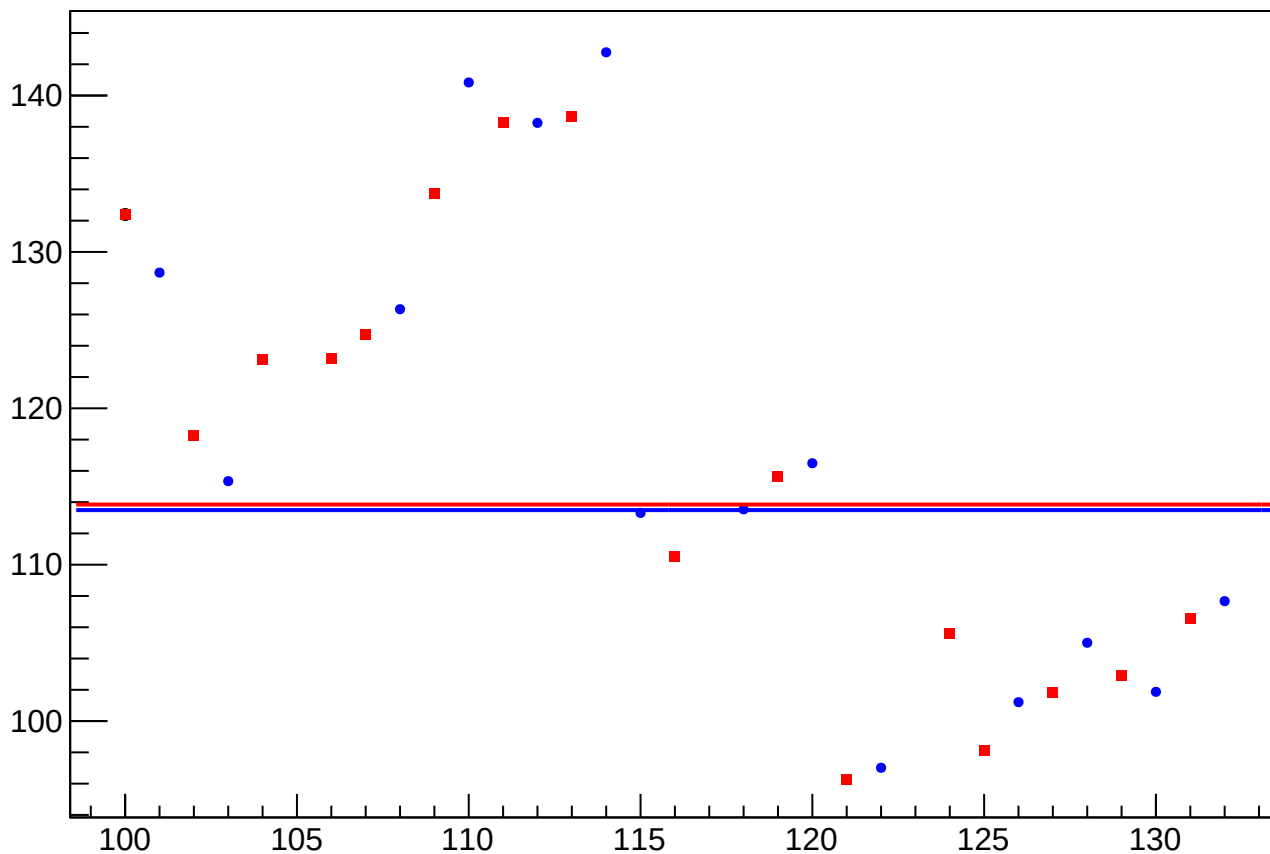
Right: 105.959 $\pm$ 32.715 χ^2 /NDF: 24.9/29

In: 180.563 $\pm$ 46.779 χ^2 /NDF:6.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 105.959 $\pm$ 32.715 χ^2 /NDF: 24.9/29

cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 113.490+/-0.033 χ^2/NDF : 155722.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.849+/-0.032 χ^2/NDF : 174908.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

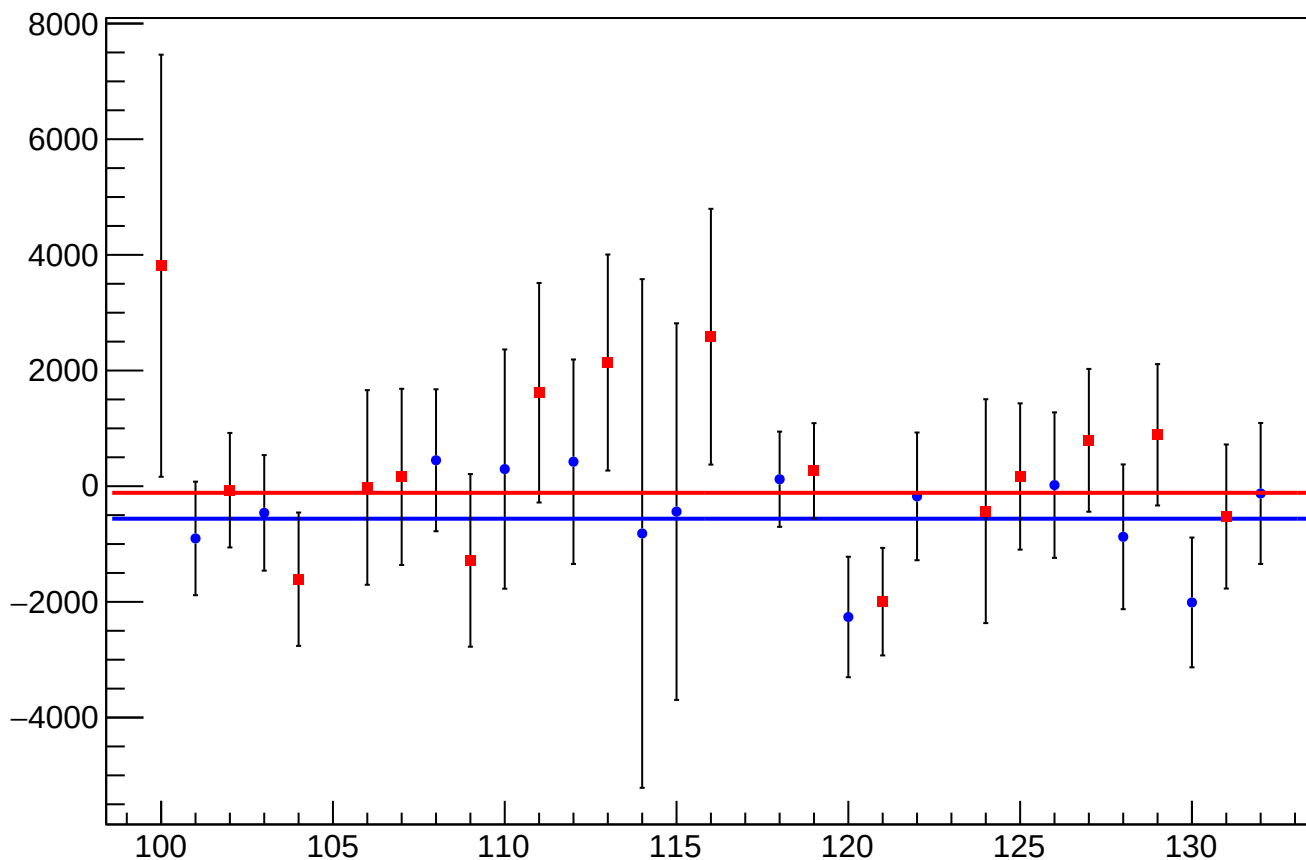
Right: 113.674+/-0.023 χ^2/NDF : 330691.2/29

In: 113.490+/-0.033 χ^2/NDF : 155722.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.674+/-0.023 χ^2/NDF : 330691.2/29

asym_sam_26_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -561.907+/-326.912 χ^2/NDF : 6.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -114.271+/-327.209 χ^2/NDF : 13.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

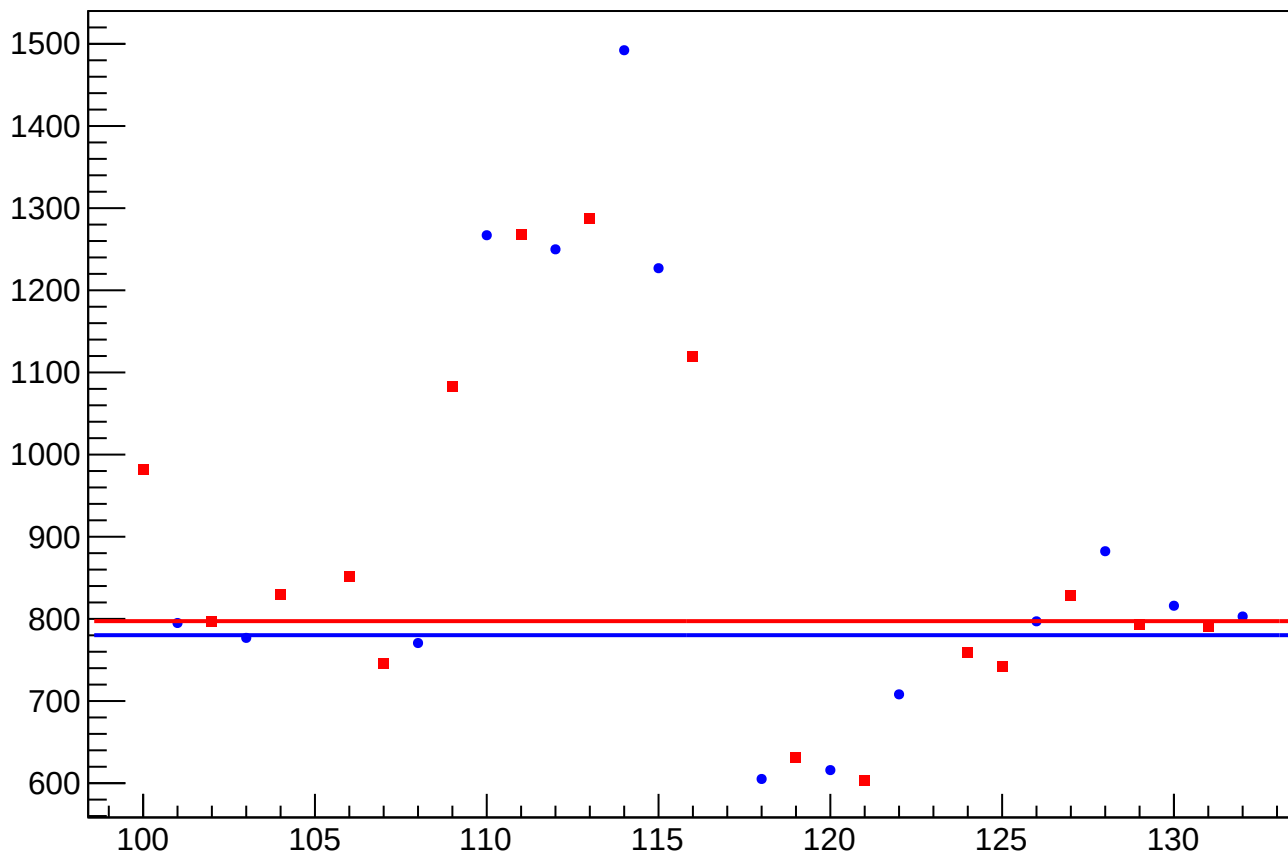
Right: -338.292+/-231.267 χ^2/NDF : 20.7/29

In: -561.907+/-326.912 χ^2/NDF :6.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -338.292+/-231.267 χ^2/NDF : 20.7/29

asym_sam_26_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 780.162+/-0.231 χ^2/NDF : 507719.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 797.258+/-0.231 χ^2/NDF : 561562.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

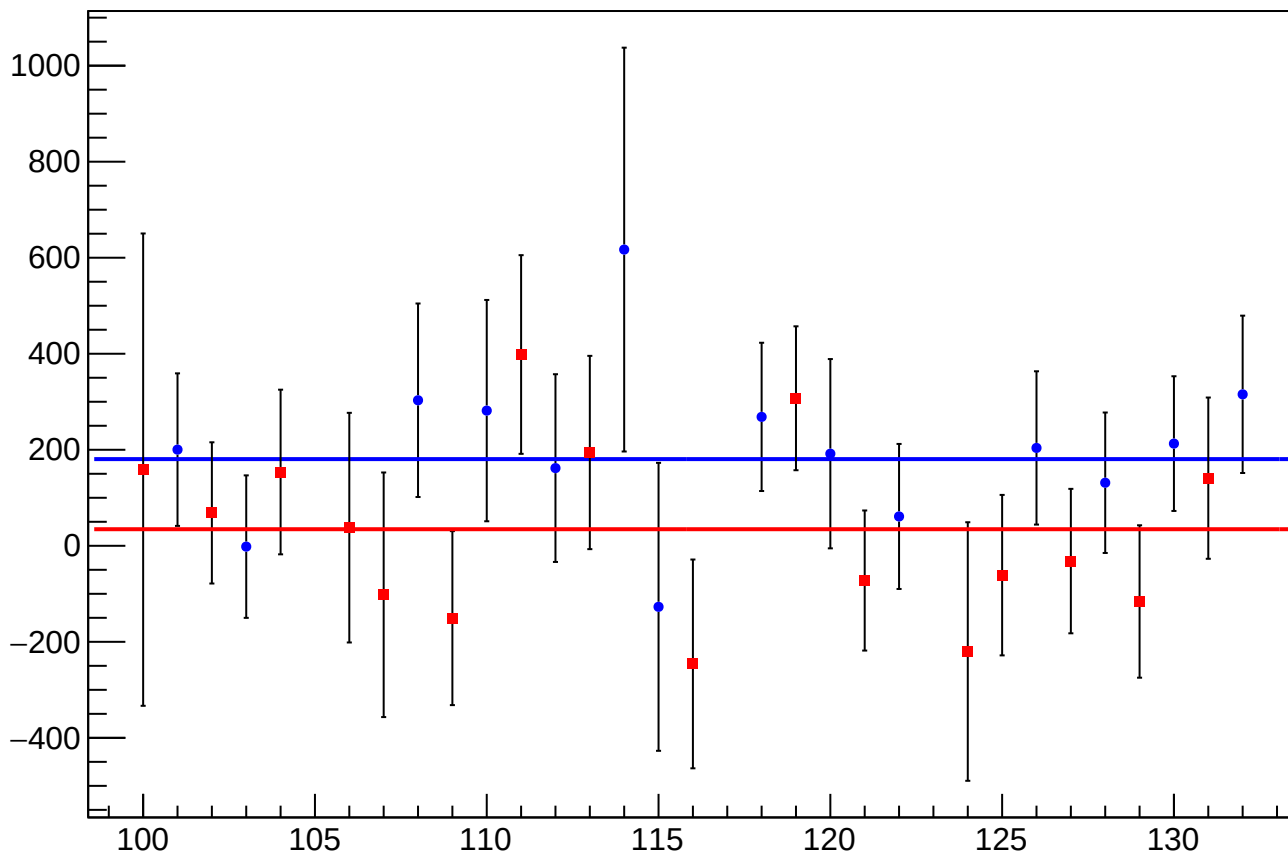
Right: 788.702+/-0.164 χ^2/NDF : 1072014.6/29

In: 780.162+/-0.231 χ^2/NDF : 507719.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 788.702+/-0.164 χ^2/NDF : 1072014.6/29

eigen_cor_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 180.563 $\pm$ 46.779 χ^2 /NDF: 6.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 34.542 $\pm$ 45.769 χ^2 /NDF: 13.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

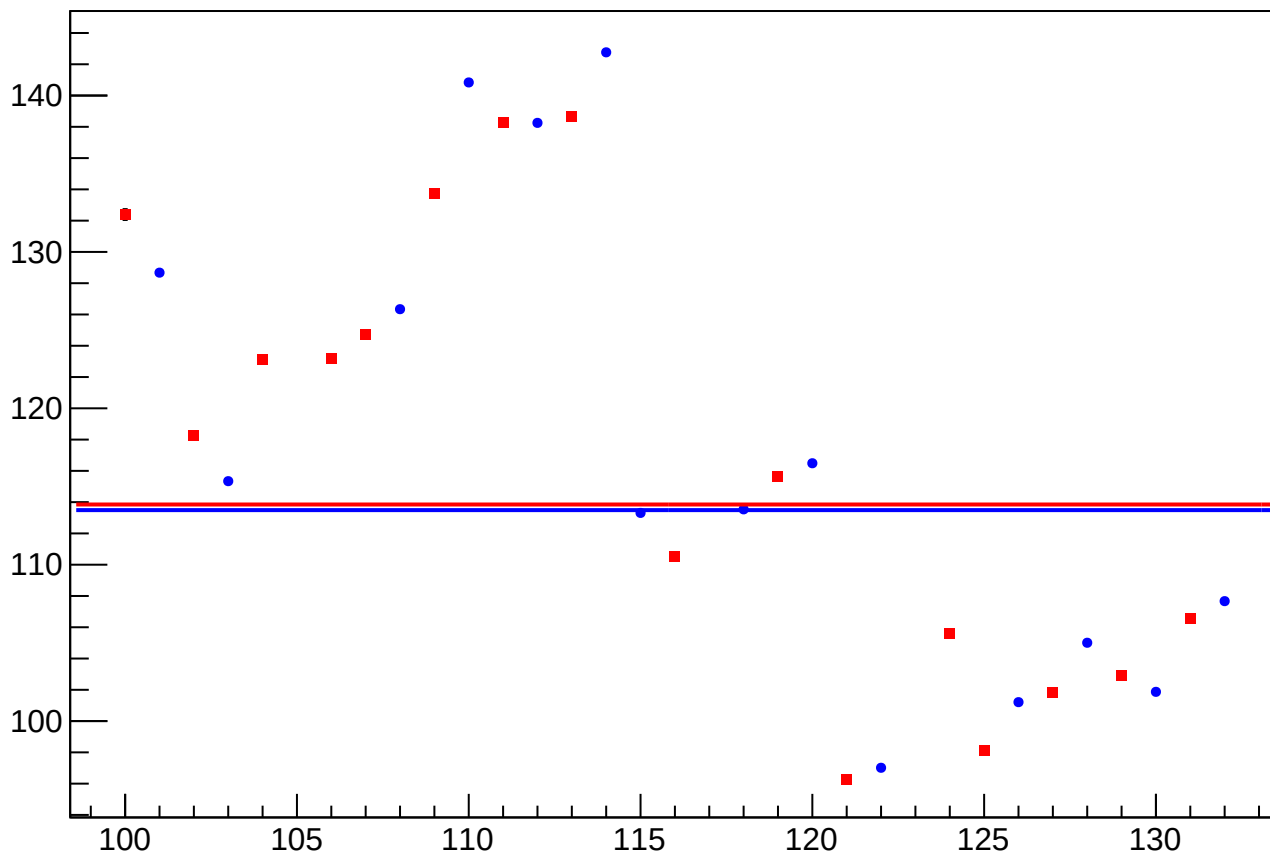
Right: 105.959 $\pm$ 32.715 χ^2 /NDF: 24.9/29

In: 180.563 $\pm$ 46.779 χ^2 /NDF:6.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 105.959 $\pm$ 32.715 χ^2 /NDF: 24.9/29

eigen_cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 113.490+/-0.033 χ^2/NDF : 155722.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.849+/-0.032 χ^2/NDF : 174908.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

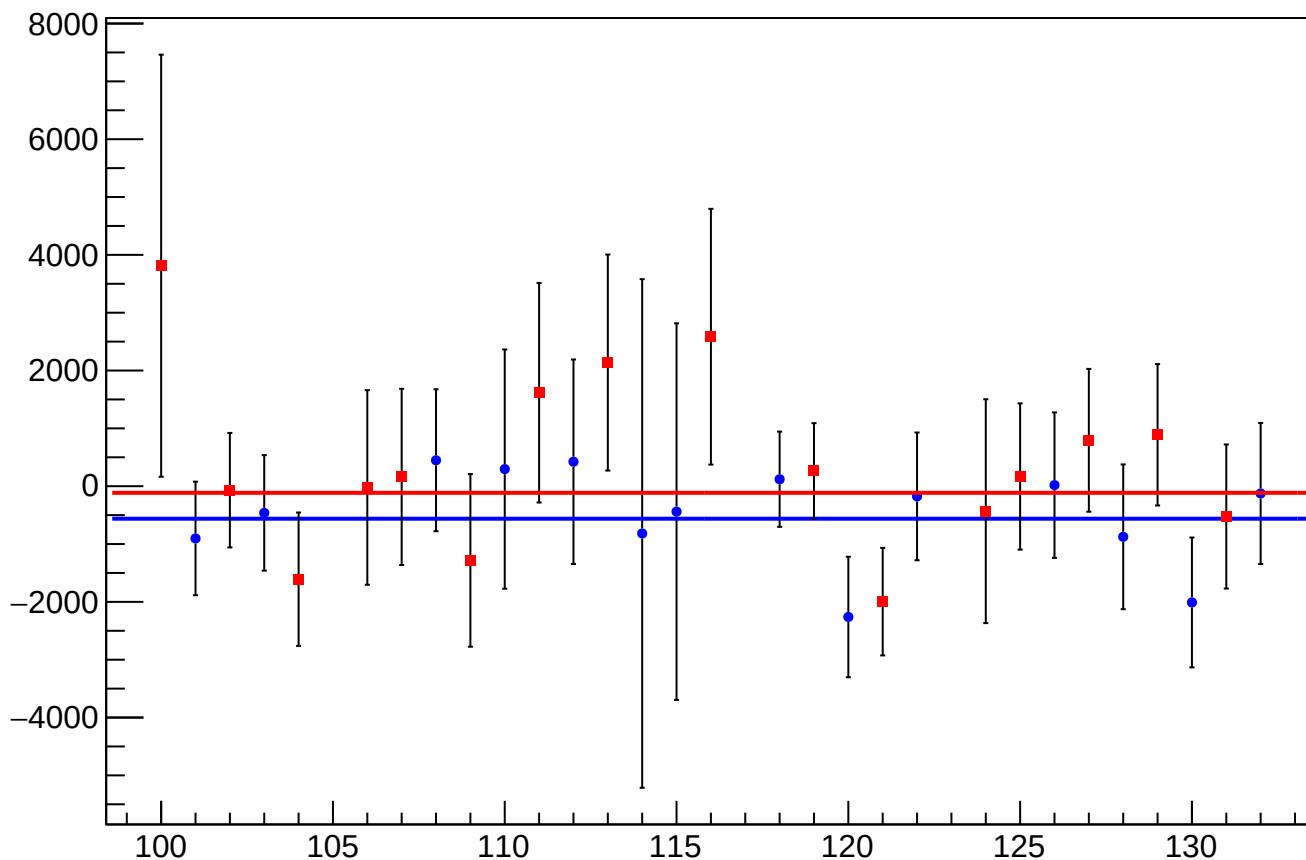
Right: 113.674+/-0.023 χ^2/NDF : 330691.2/29

In: 113.490+/-0.033 χ^2/NDF : 155722.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.674+/-0.023 χ^2/NDF : 330691.2/29

asym_sam_26_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -561.907+/-326.912 χ^2/NDF : 6.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -114.271+/-327.209 χ^2/NDF : 13.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

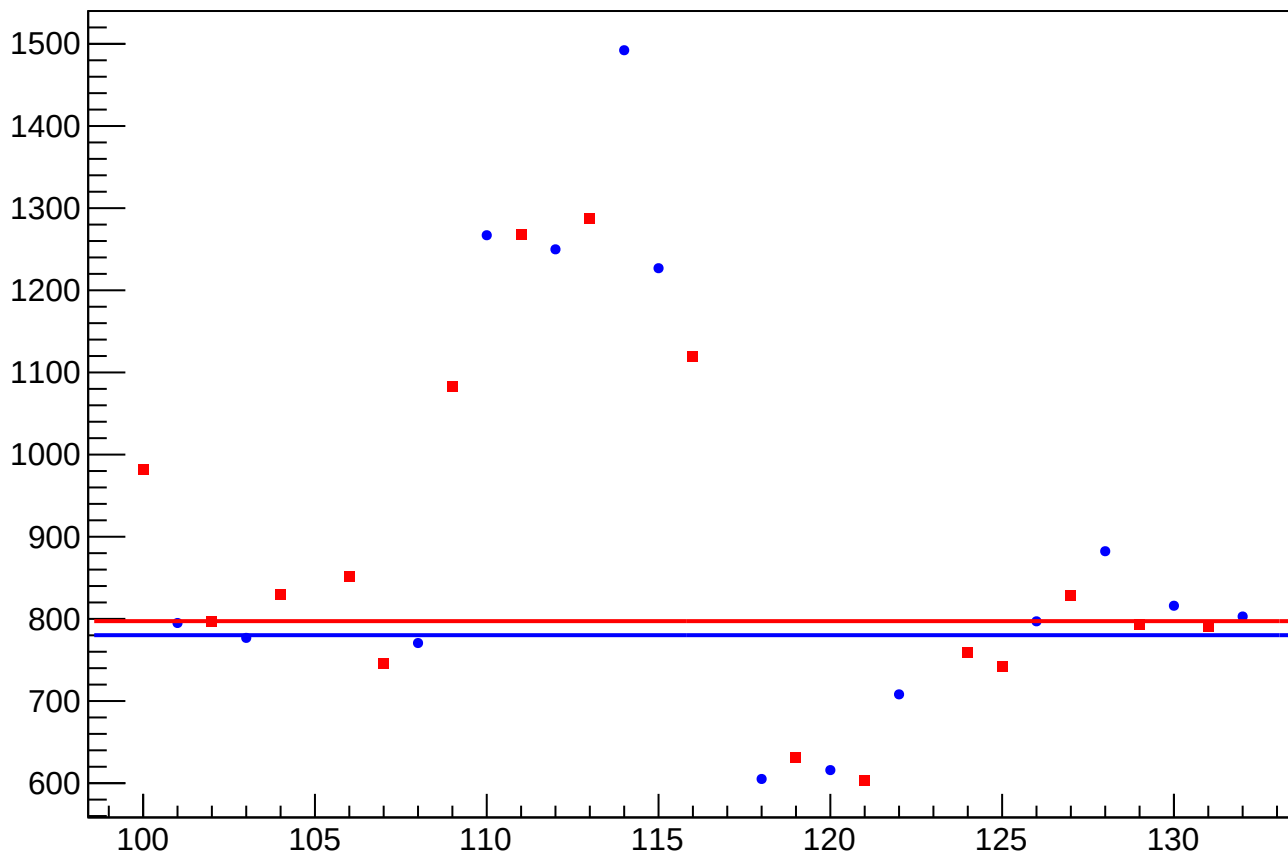
Right: -338.292+/-231.267 χ^2/NDF : 20.7/29

In: -561.907+/-326.912 χ^2/NDF : 6.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -338.292+/-231.267 χ^2/NDF : 20.7/29

asym_sam_26_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 780.162+/-0.231 χ^2/NDF : 507719.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 797.258+/-0.231 χ^2/NDF : 561562.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

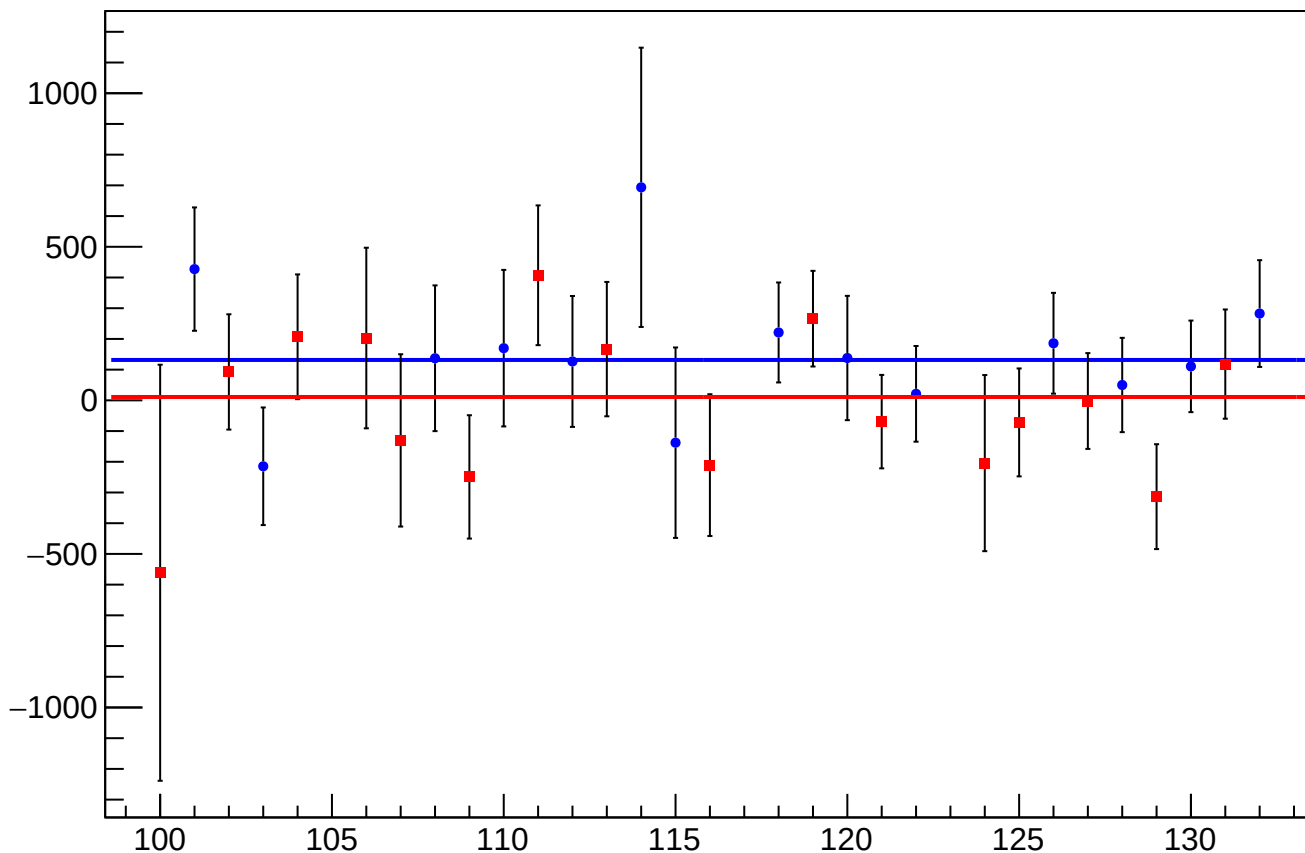
Right: 788.702+/-0.164 χ^2/NDF : 1072014.6/29

In: 780.162+/-0.231 χ^2/NDF : 507719.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 788.702+/-0.164 χ^2/NDF : 1072014.6/29

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 131.548 $\pm$ 51.061 χ^2 /NDF: 9.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 10.976 $\pm$ 50.069 χ^2 /NDF: 16.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

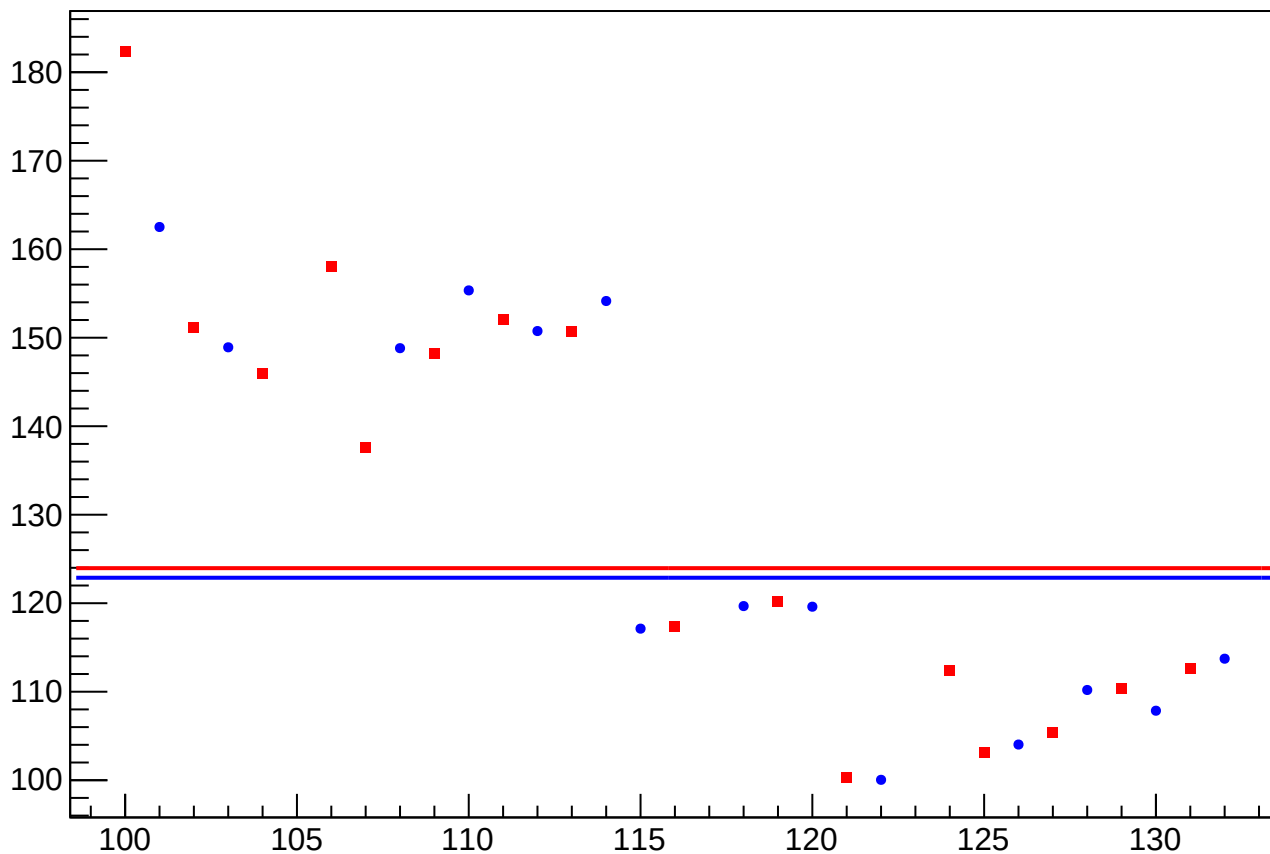
Right: 70.079 $\pm$ 35.750 χ^2 /NDF: 28.9/29

In: 131.548 $\pm$ 51.061 χ^2 /NDF:9.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 70.079 $\pm$ 35.750 χ^2 /NDF: 28.9/29

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 122.878+/-0.036 χ^2/NDF : 325761.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.961+/-0.035 χ^2/NDF : 333027.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

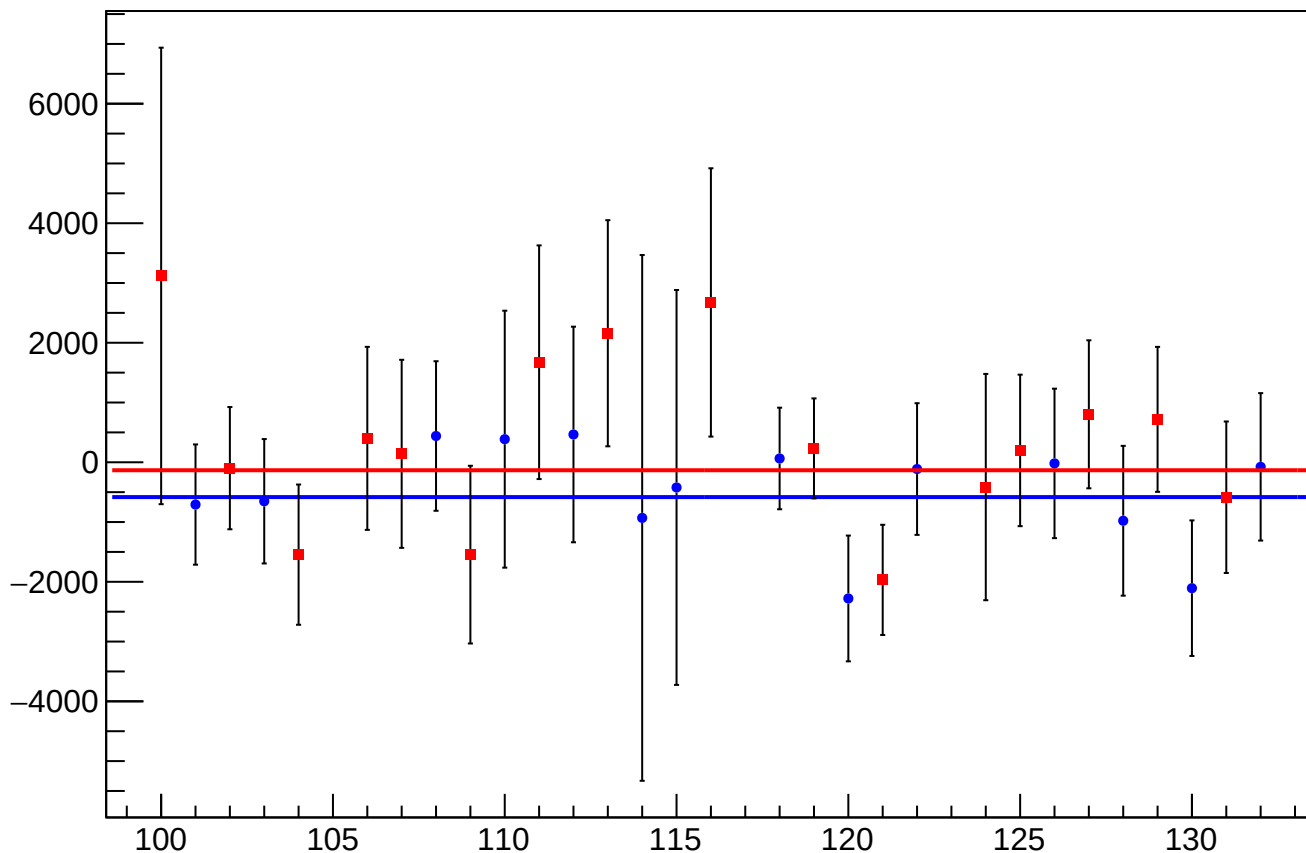
Right: 123.430+/-0.025 χ^2/NDF : 659246.9/29

In: 122.878+/-0.036 χ^2/NDF : 325761.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.430+/-0.025 χ^2/NDF : 659246.9/29

asym_sam_26_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -582.570+/-332.624 χ^2/NDF : 6.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -133.306+/-329.075 χ^2/NDF : 12.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

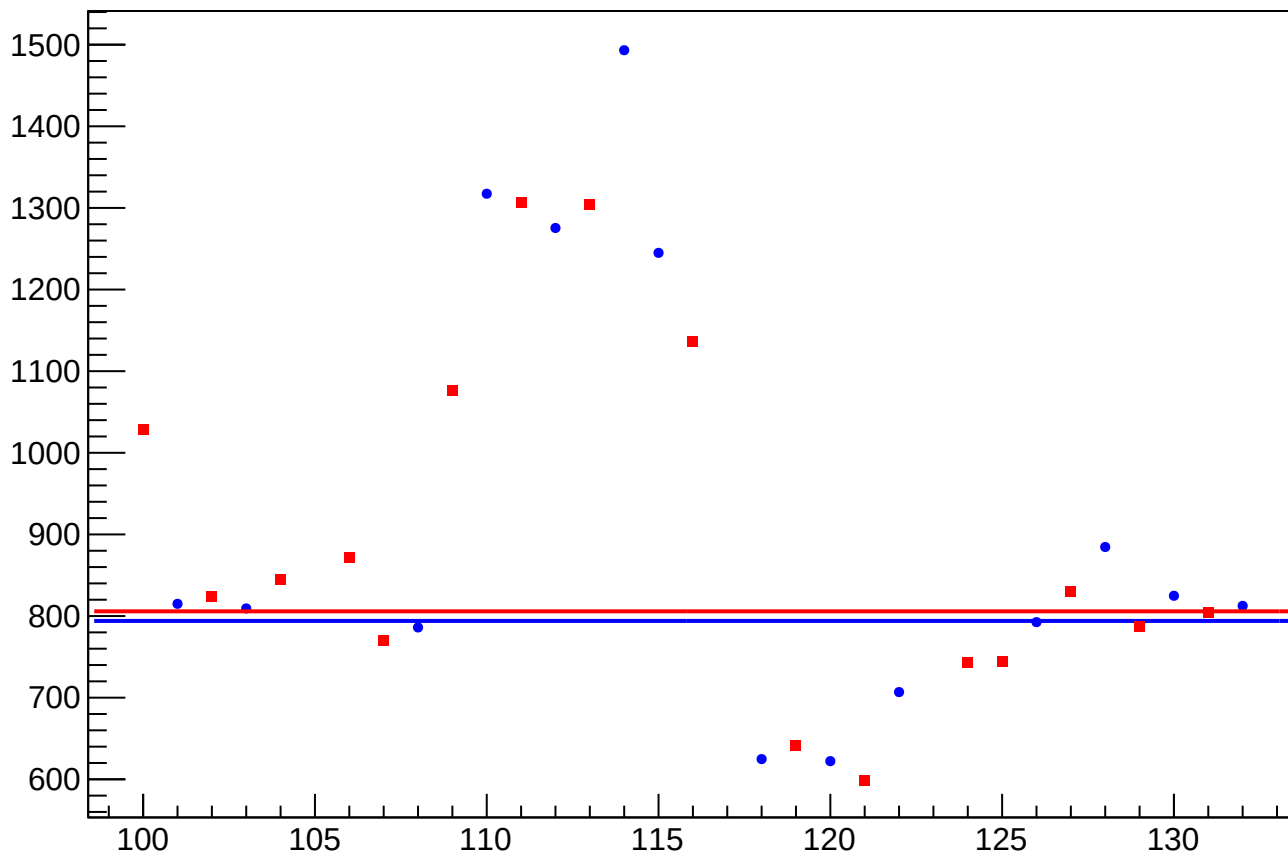
Right: -355.528+/-233.936 χ^2/NDF : 20.3/29

In: -582.570+/-332.624 χ^2/NDF : 6.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -355.528+/-233.936 χ^2/NDF : 20.3/29

asym_sam_26_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 794.021+/-0.235 χ^2/NDF : 507651.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 805.805+/-0.233 χ^2/NDF : 580169.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

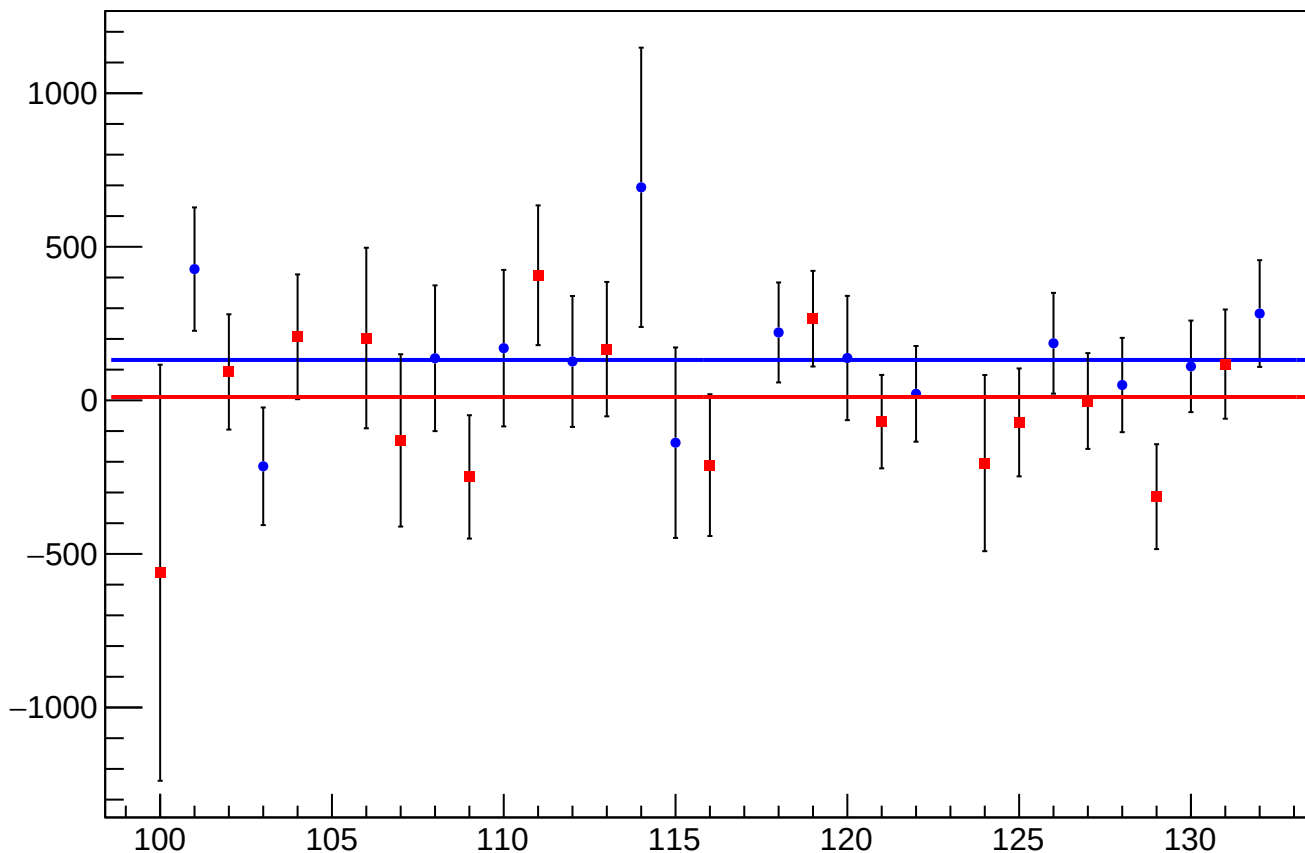
Right: 799.976+/-0.165 χ^2/NDF : 1089089.8/29

In: 794.021+/-0.235 χ^2/NDF : 507651.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 799.976+/-0.165 χ^2/NDF : 1089089.8/29

eigen_dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 131.547 $\pm$ 51.061 χ^2 /NDF: 9.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 10.976 $\pm$ 50.069 χ^2 /NDF: 16.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

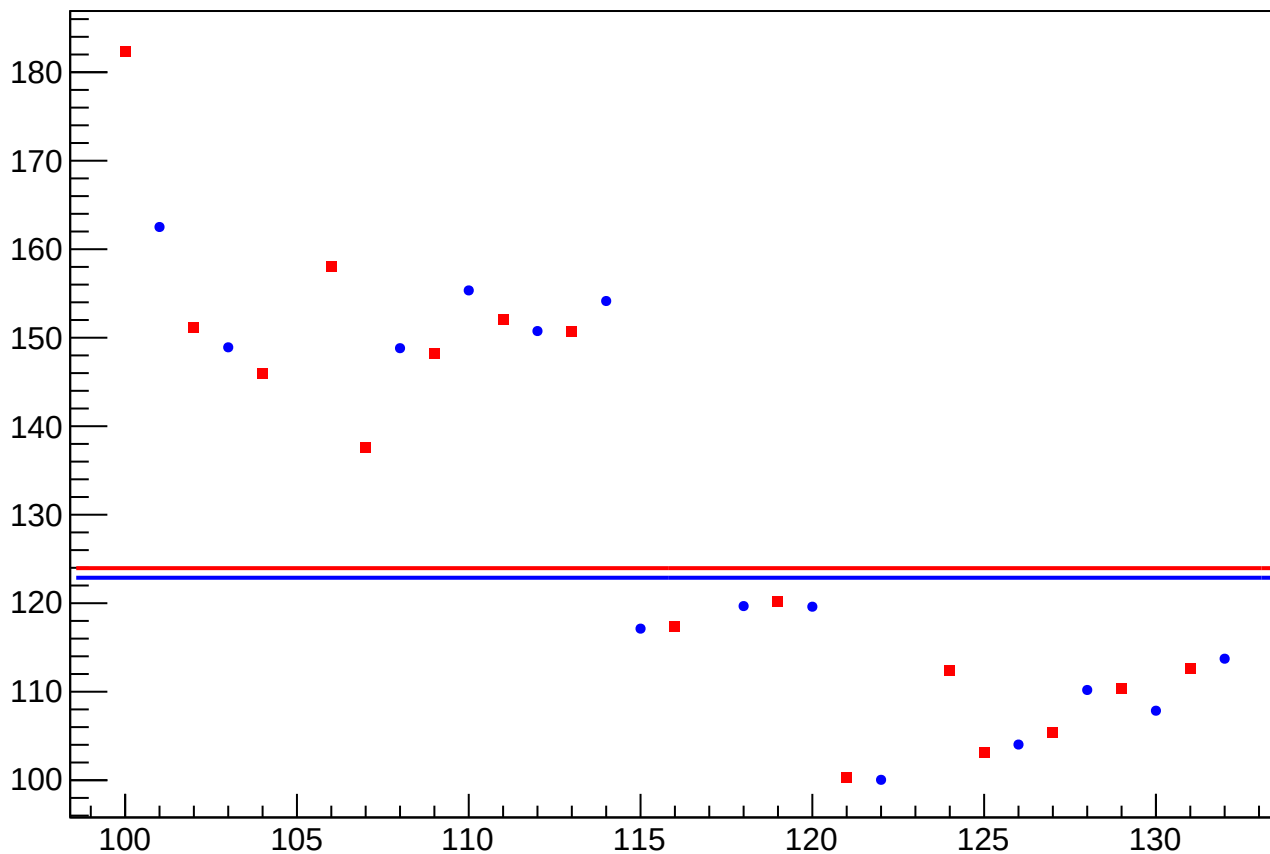
Right: 70.079 $\pm$ 35.750 χ^2 /NDF: 28.9/29

In: 131.547 $\pm$ 51.061 χ^2 /NDF:9.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 70.079 $\pm$ 35.750 χ^2 /NDF: 28.9/29

eigen_dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 122.878+/-0.036 χ^2/NDF : 325751.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.961+/-0.035 χ^2/NDF : 333019.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

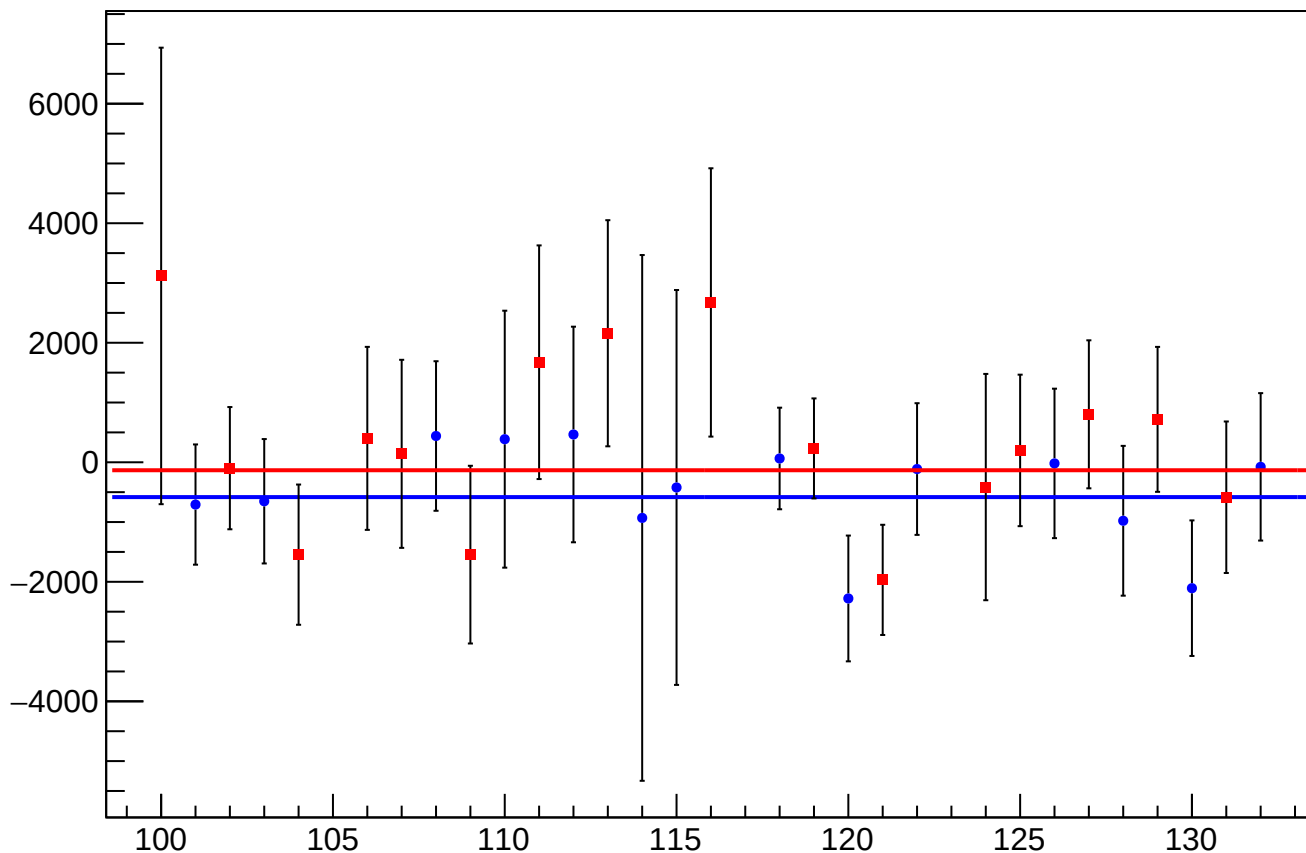
Right: 123.430+/-0.025 χ^2/NDF : 659229.1/29

In: 122.878+/-0.036 χ^2/NDF : 325751.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.430+/-0.025 χ^2/NDF : 659229.1/29

asym_sam_26_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -582.570+/-332.624 χ^2/NDF : 6.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -133.306+/-329.075 χ^2/NDF : 12.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

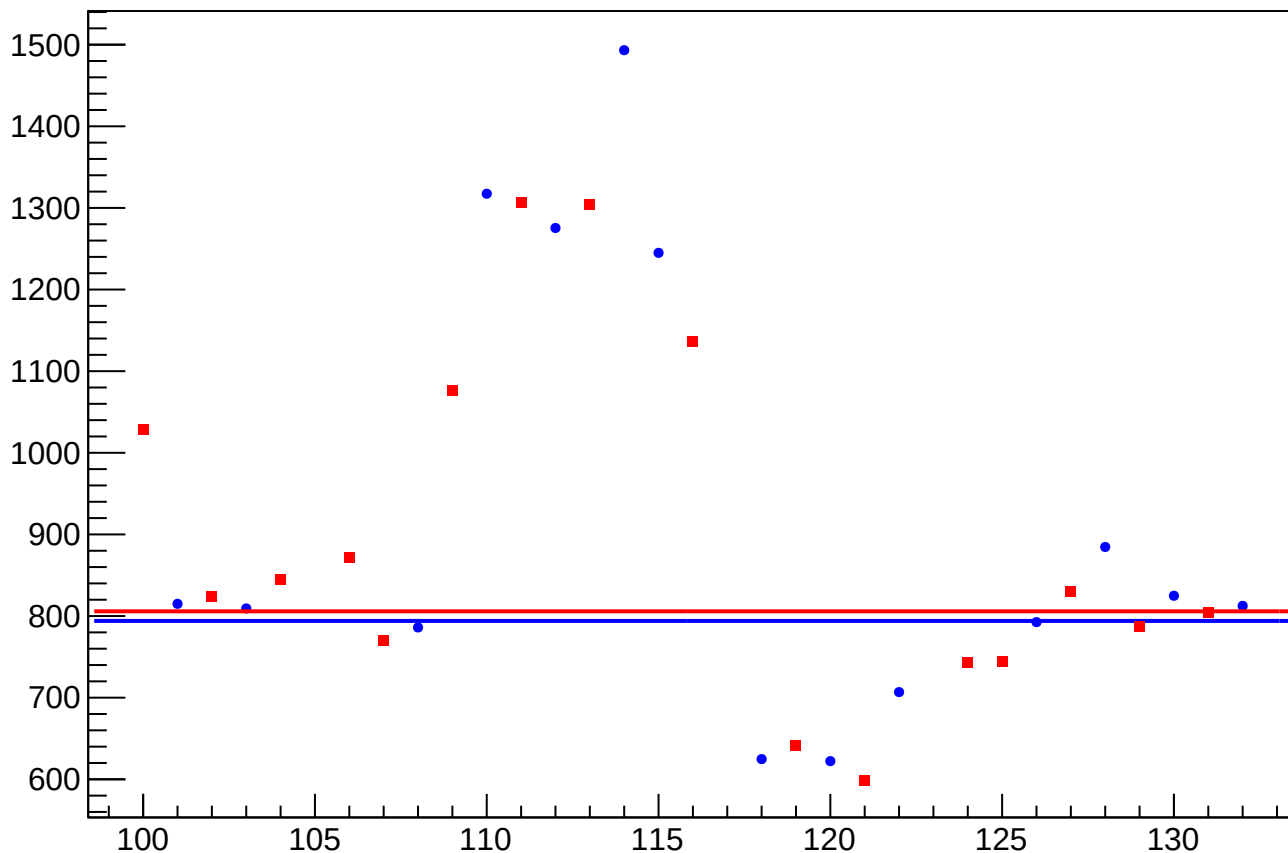
Right: -355.528+/-233.936 χ^2/NDF : 20.3/29

In: -582.570+/-332.624 χ^2/NDF : 6.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -355.528+/-233.936 χ^2/NDF : 20.3/29

asym_sam_26_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 794.020+/-0.235 χ^2/NDF : 507646.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 805.805+/-0.233 χ^2/NDF : 580162.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

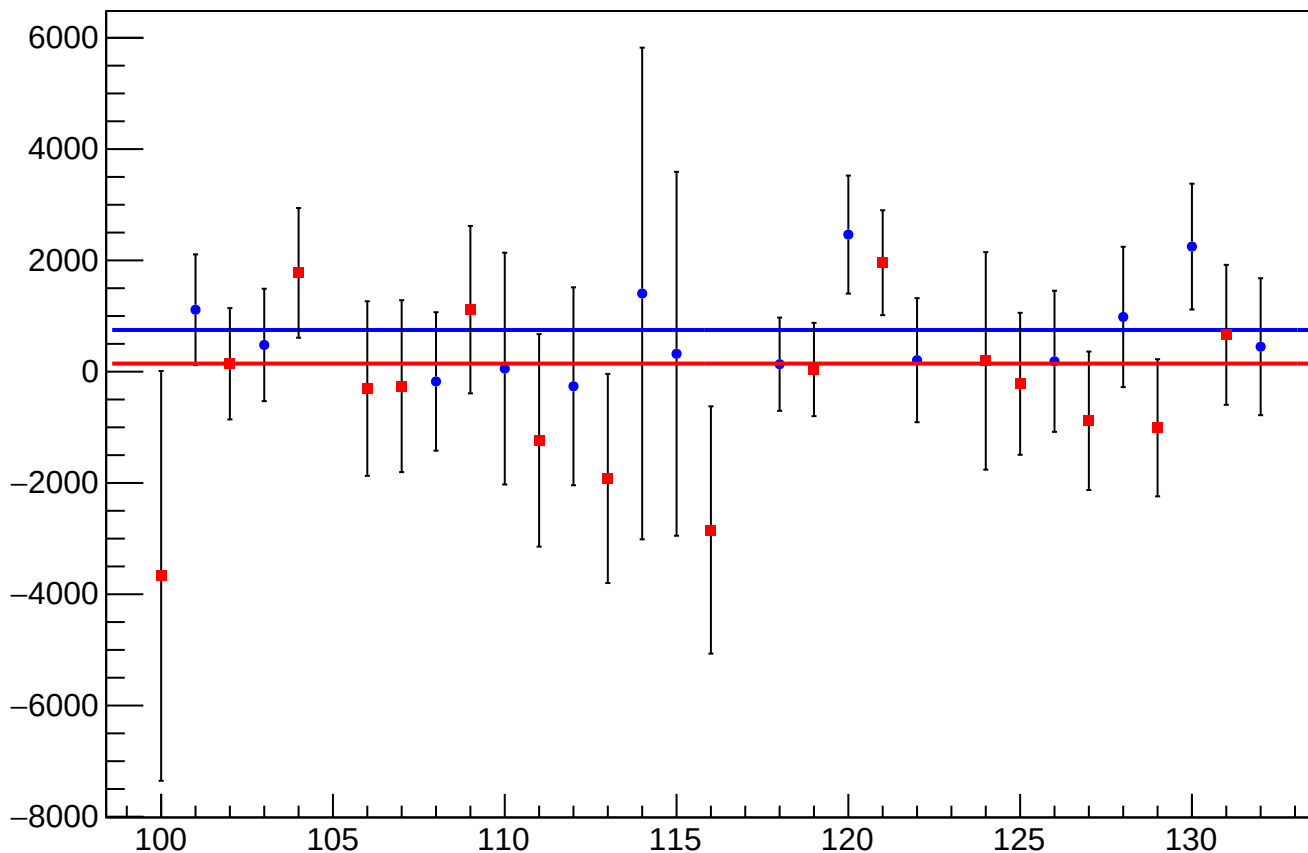
Right: 799.976+/-0.165 χ^2/NDF : 1089077.5/29

In: 794.020+/-0.235 χ^2/NDF :507646.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 799.976+/-0.165 χ^2/NDF : 1089077.5/29

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 749.536 $\pm$ 330.784 χ^2 /NDF: 6.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 145.685 $\pm$ 329.776 χ^2 /NDF: 12.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

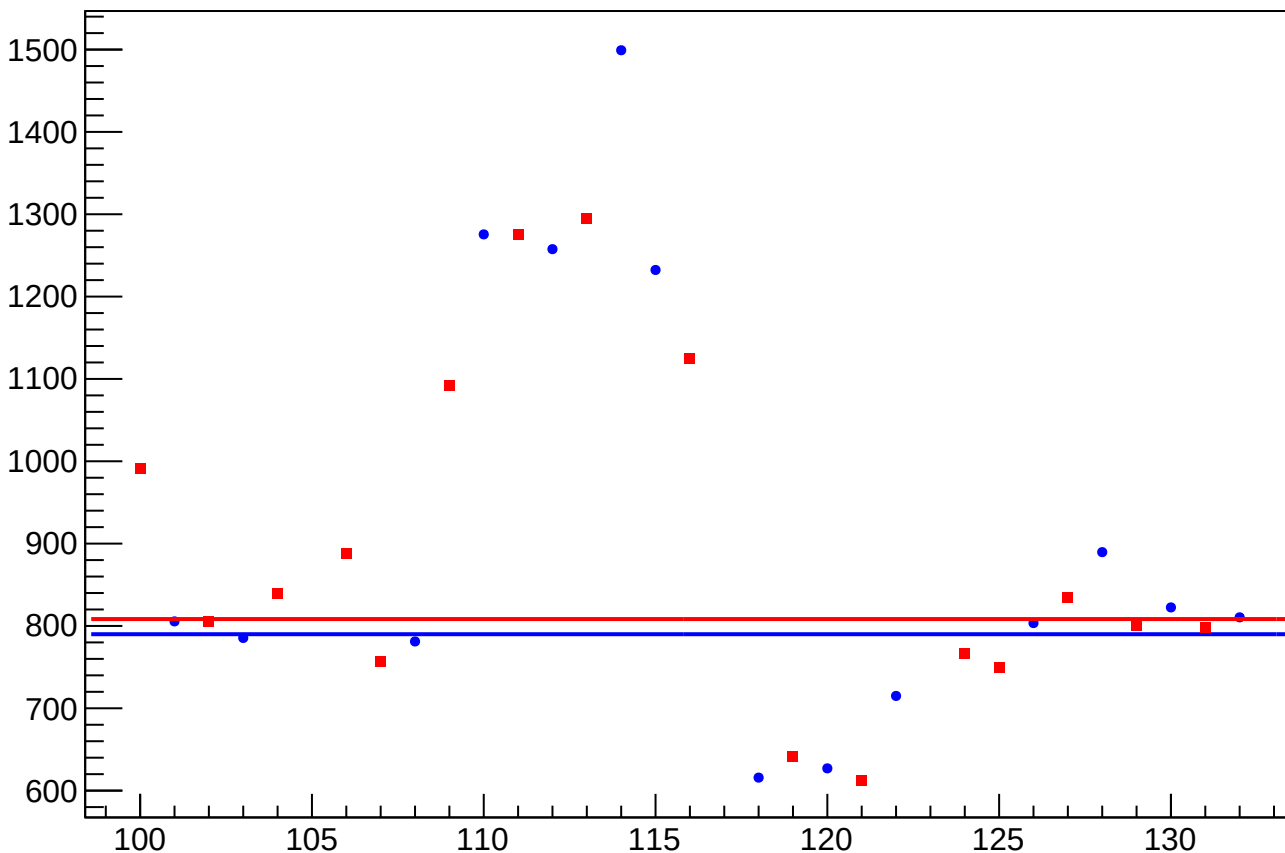
Right: 446.689 $\pm$ 233.543 χ^2 /NDF: 21.0/29

In: 749.536 $\pm$ 330.784 χ^2 /NDF:6.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 446.689 $\pm$ 233.543 χ^2 /NDF: 21.0/29

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 789.962 $\pm$ 0.234 χ^2 /NDF: 493359.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 808.367 $\pm$ 0.233 χ^2 /NDF: 550925.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

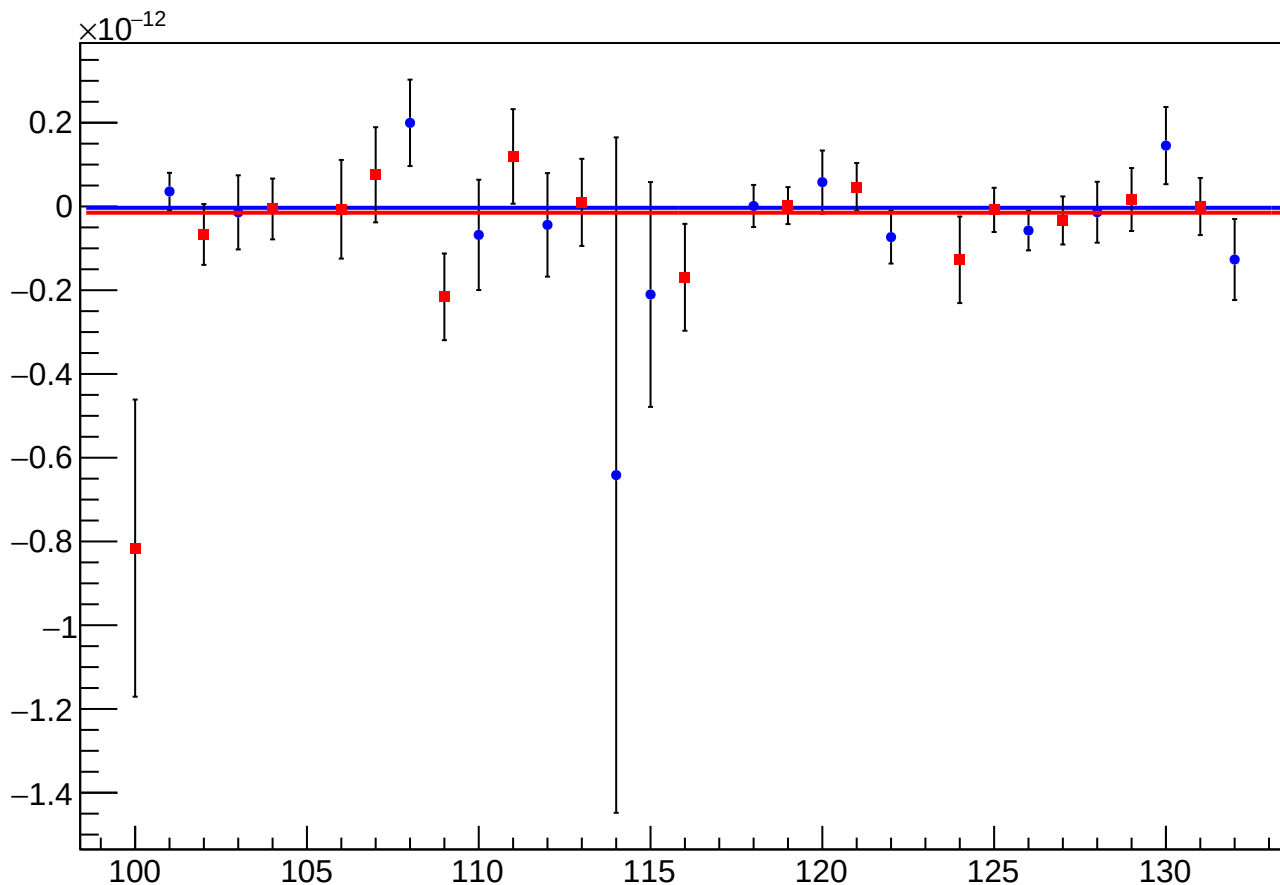
Right: 799.193 $\pm$ 0.165 χ^2 /NDF: 1047389.1/29

In: 789.962 $\pm$ 0.234 χ^2 /NDF:493359.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 799.193 $\pm$ 0.165 χ^2 /NDF: 1047389.1/29

asym_sam_26_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 13.7/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 15.8/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

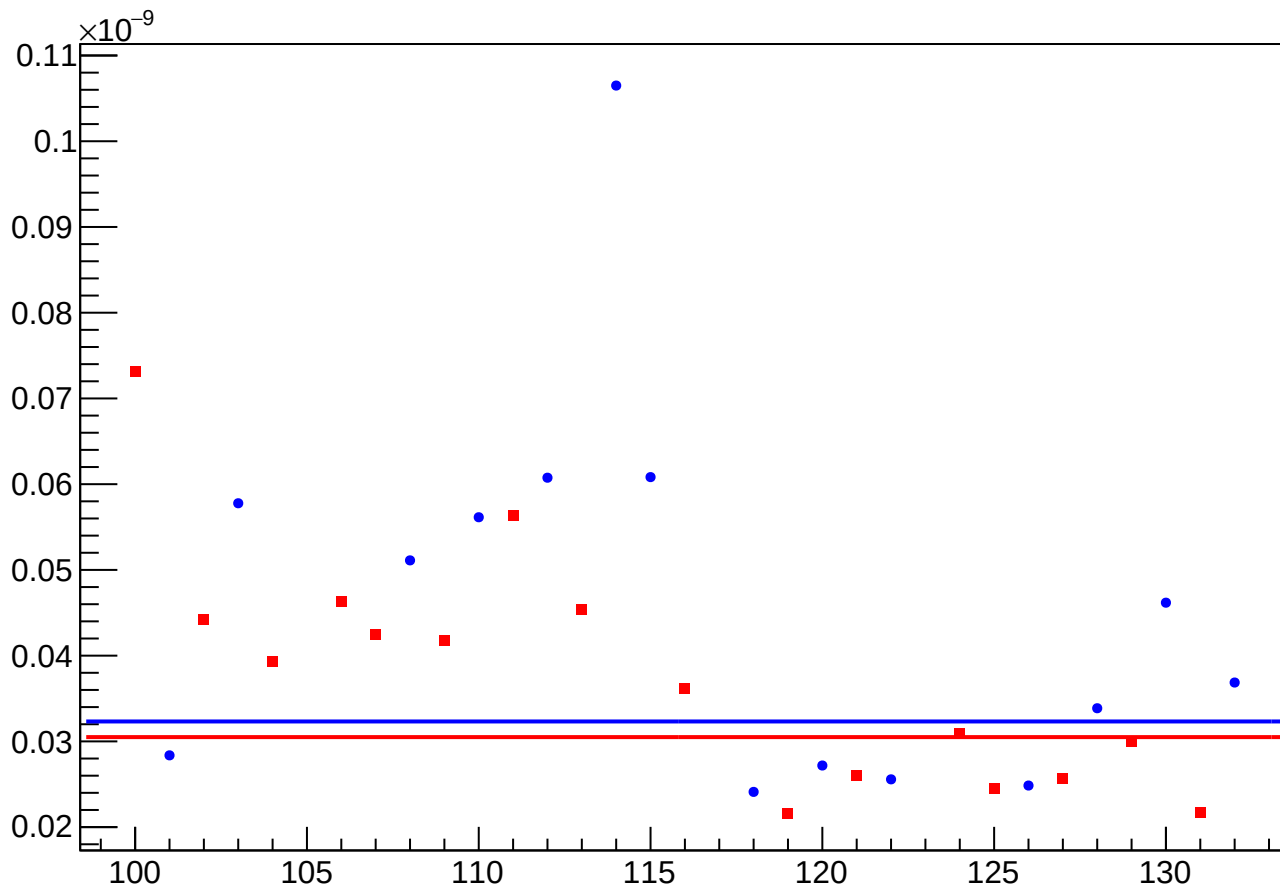
Right: -0.000+/-0.000 χ^2 /NDF: 29.6/29

In: -0.000+/-0.000 χ^2 /NDF:13.7/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 29.6/29

asym_sam_26_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 644033.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 528128.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

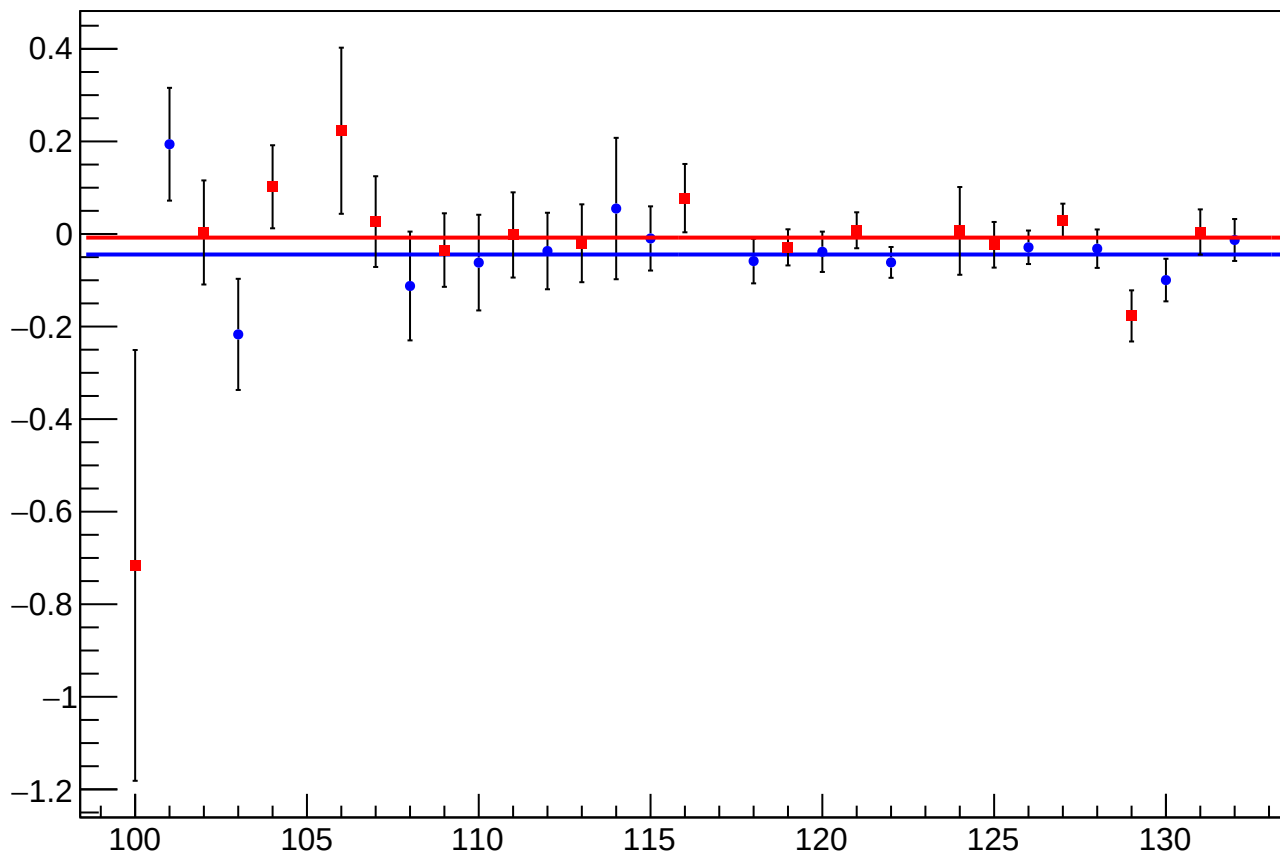
Right: 0.000+/-0.000 χ^2/NDF : 1181085.0/29

In: 0.000+/-0.000 χ^2/NDF : 644033.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1181085.0/29

asym_sam_26_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.044+/-0.014 χ^2/NDF : 9.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.008+/-0.015 χ^2/NDF : 18.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

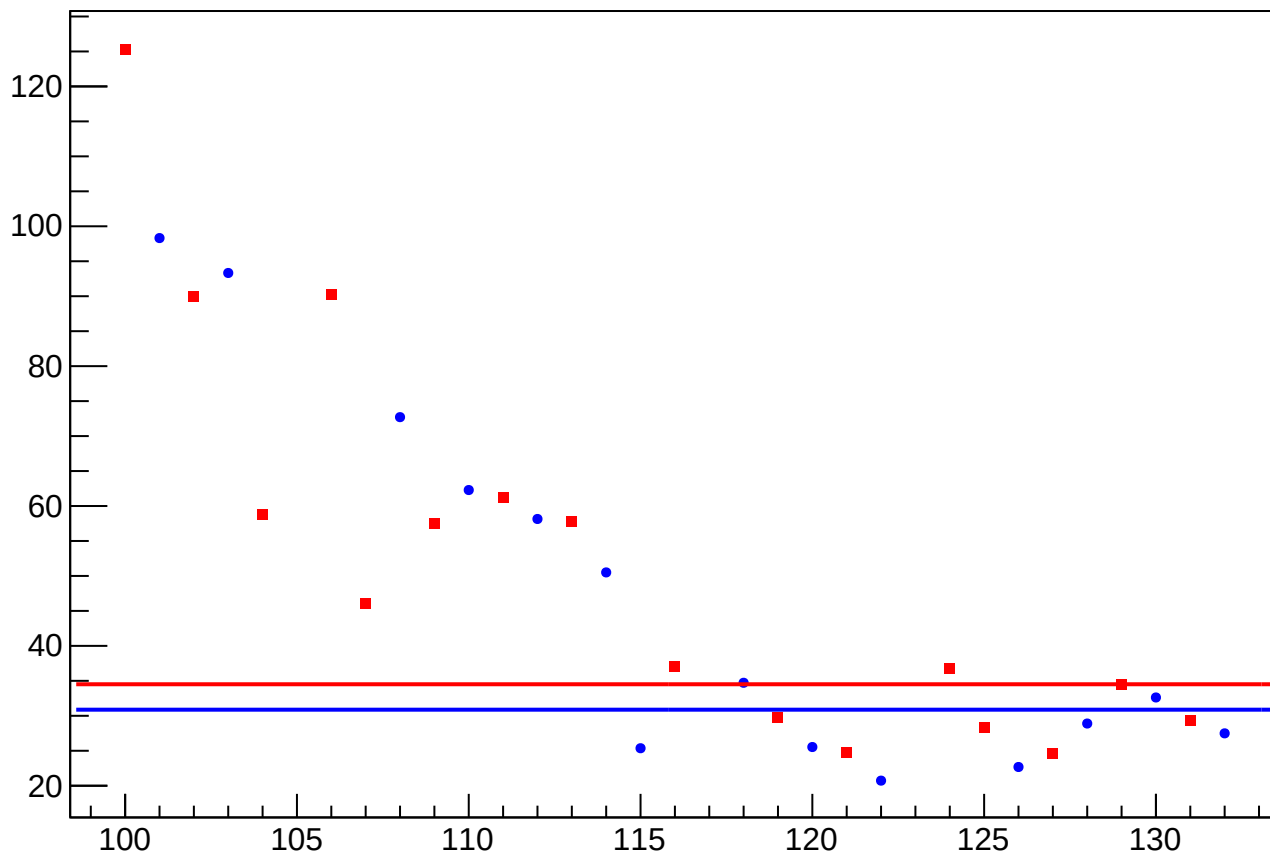
Right: -0.027+/-0.010 χ^2/NDF : 30.6/29

In: -0.044+/-0.014 χ^2/NDF :9.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.027+/-0.010 χ^2/NDF : 30.6/29

asym_sam_26_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.875+/-0.010 χ^2/NDF : 2204347.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.511+/-0.011 χ^2/NDF : 1773580.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

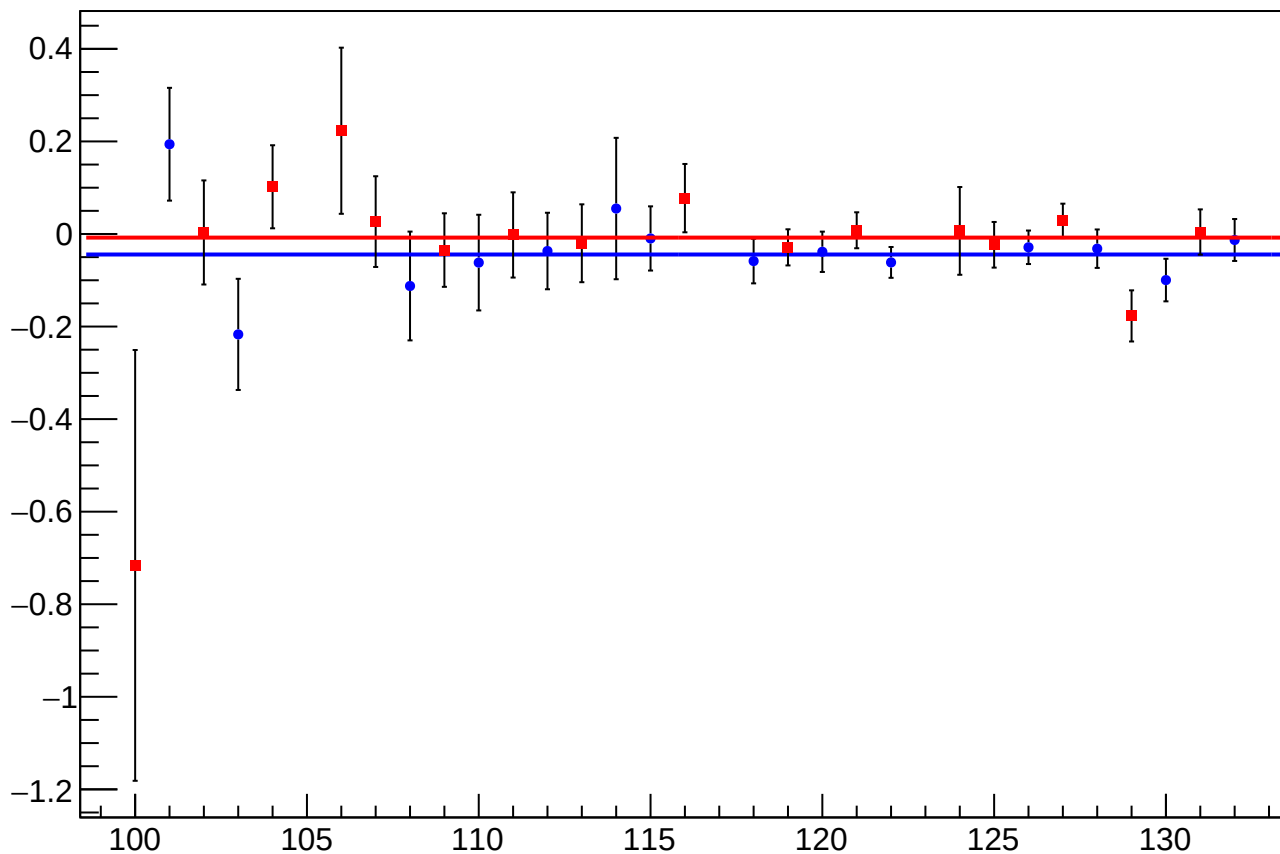
Right: 32.572+/-0.007 χ^2/NDF : 4037936.6/29

In: 30.875+/-0.010 χ^2/NDF : 2204347.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.572+/-0.007 χ^2/NDF : 4037936.6/29

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.044+/-0.014 χ^2 /NDF: 9.5/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.008+/-0.015 χ^2 /NDF: 18.0/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

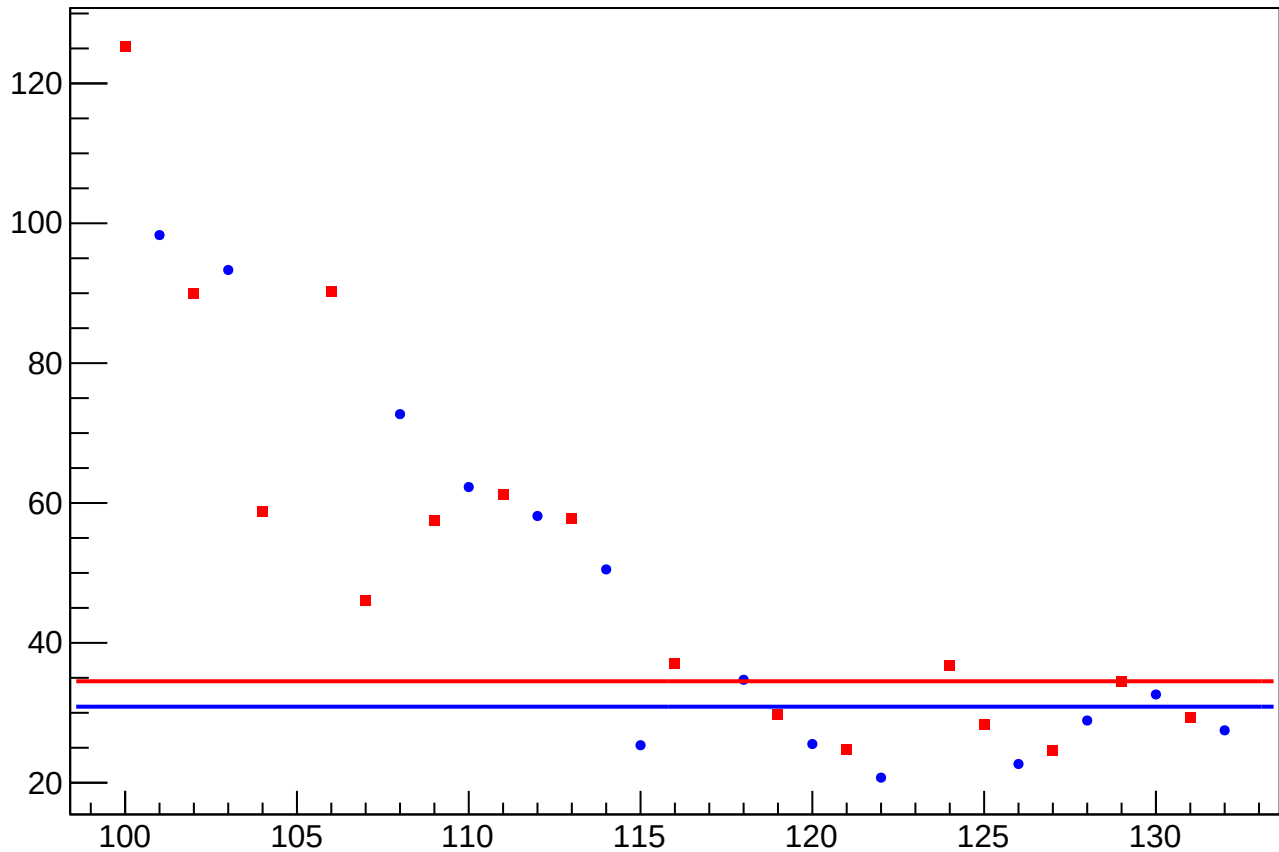
Right: -0.027+/-0.010 χ^2 /NDF: 30.6/29

In: -0.044+/-0.014 χ^2 /NDF:9.5/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.027+/-0.010 χ^2 /NDF: 30.6/29

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.875+/-0.010 χ^2/NDF : 2204347.6/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 34.511+/-0.011 χ^2/NDF : 1773580.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

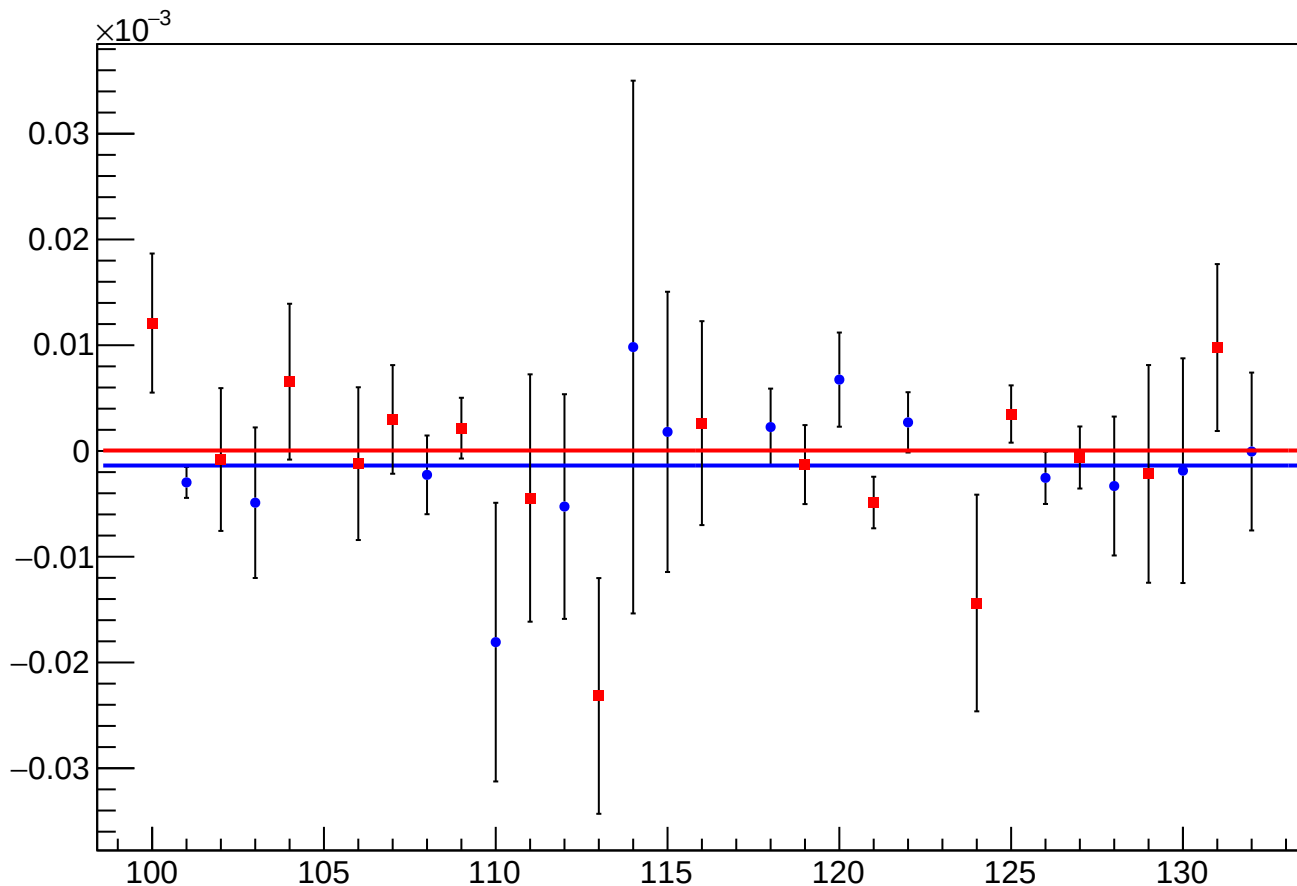
Right: 32.572+/-0.007 χ^2/NDF : 4037936.6/29

In: 30.875+/-0.010 χ^2/NDF :2204347.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 32.572+/-0.007 χ^2/NDF : 4037936.6/29

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 19.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

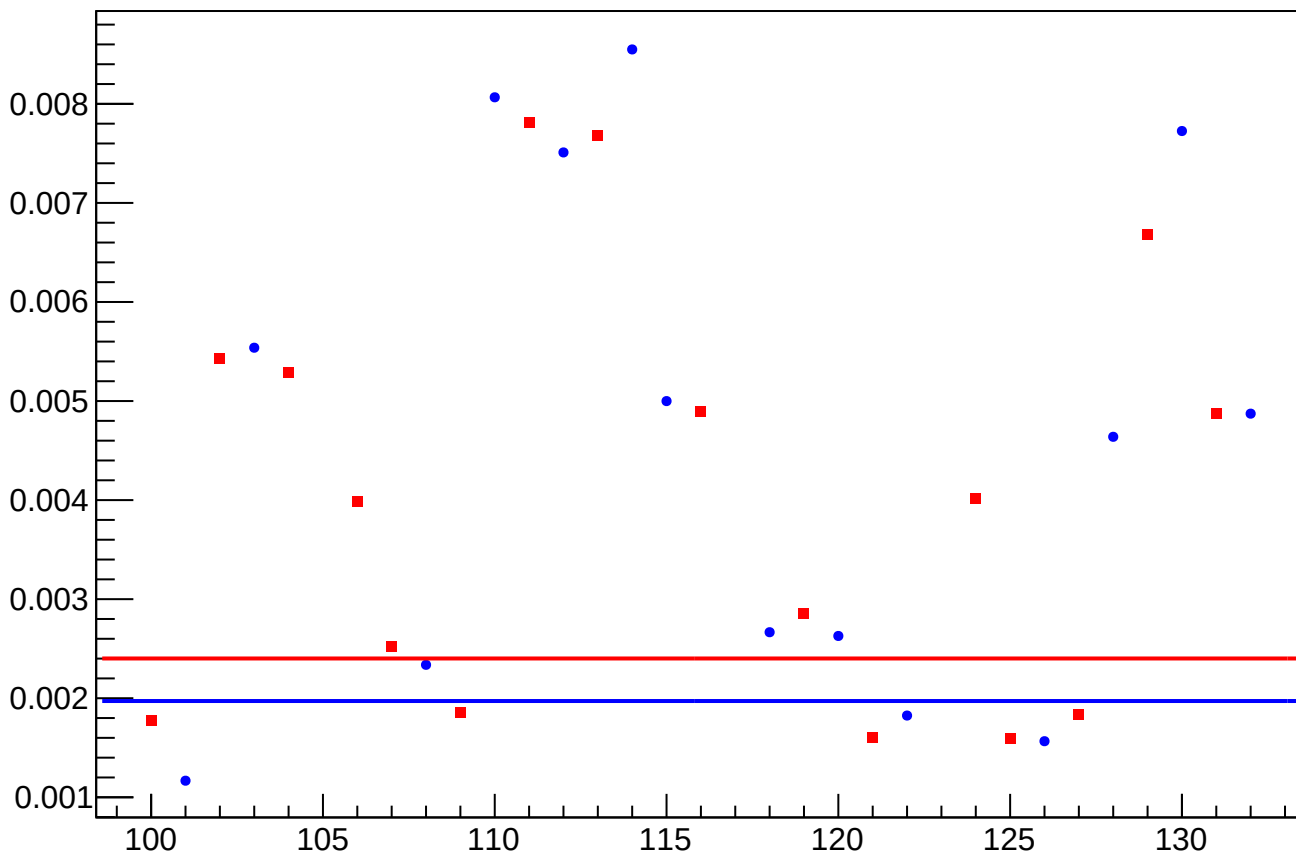
Right: -0.000+/-0.000 χ^2/NDF : 30.1/29

In: -0.000+/-0.000 χ^2/NDF : 10.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.1/29

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000

χ^2/NDF : 3730468.2/13

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000

χ^2/NDF : 2997415.8/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.002+/-0.000

χ^2/NDF : 6894253.0/29

In: 0.002+/-0.000

χ^2/NDF : 3730468.2/13

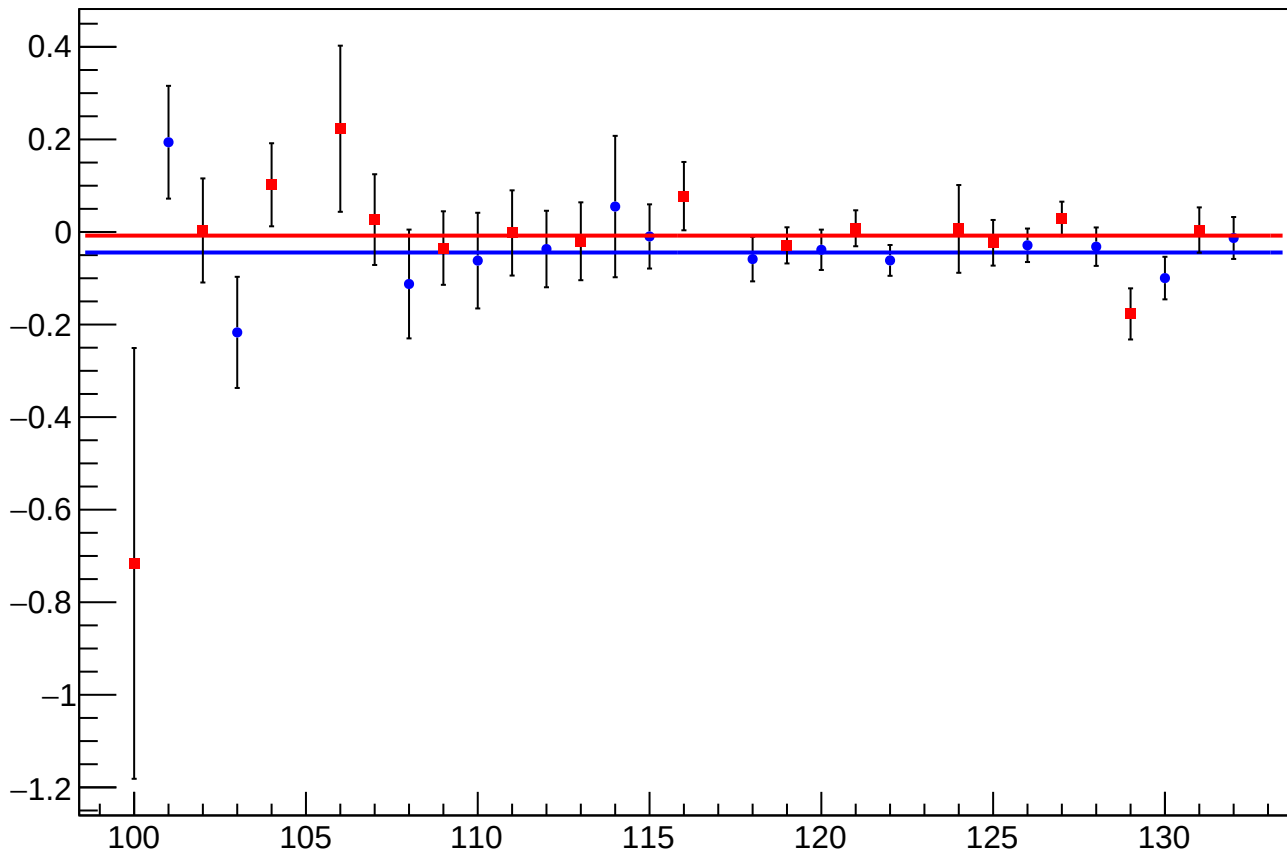
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.002+/-0.000

χ^2/NDF : 6894253.0/29

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.044+/-0.014 χ^2 /NDF: 9.5/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.008+/-0.015 χ^2 /NDF: 18.0/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

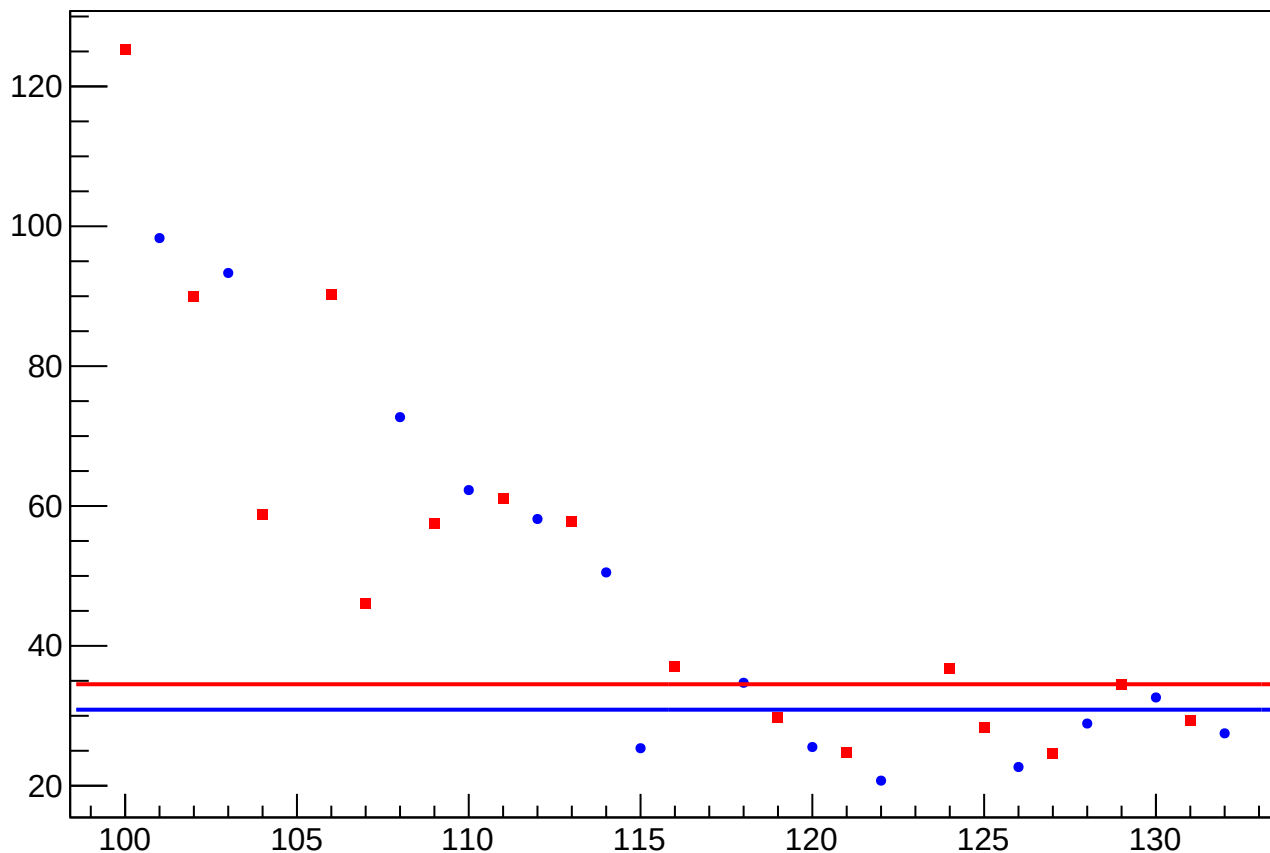
Right: -0.027+/-0.010 χ^2 /NDF: 30.6/29

In: -0.044+/-0.014 χ^2 /NDF:9.5/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.027+/-0.010 χ^2 /NDF: 30.6/29

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.875+/-0.010 χ^2/NDF : 2204323.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.512+/-0.011 χ^2/NDF : 1773492.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

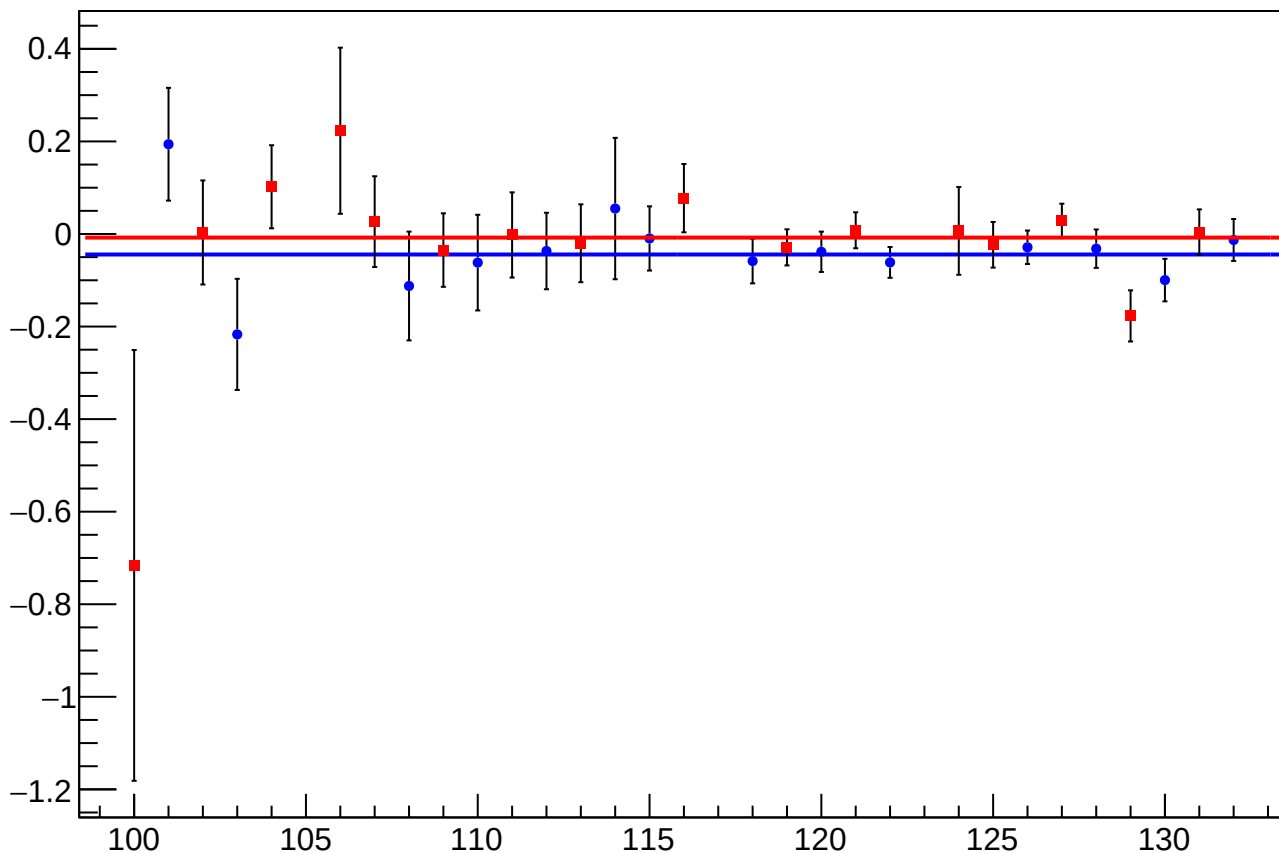
Right: 32.572+/-0.007 χ^2/NDF : 4037830.9/29

In: 30.875+/-0.010 χ^2/NDF : 2204323.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.572+/-0.007 χ^2/NDF : 4037830.9/29

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.044 ± 0.014 χ^2/NDF : 9.5/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.008 ± 0.015 χ^2/NDF : 18.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

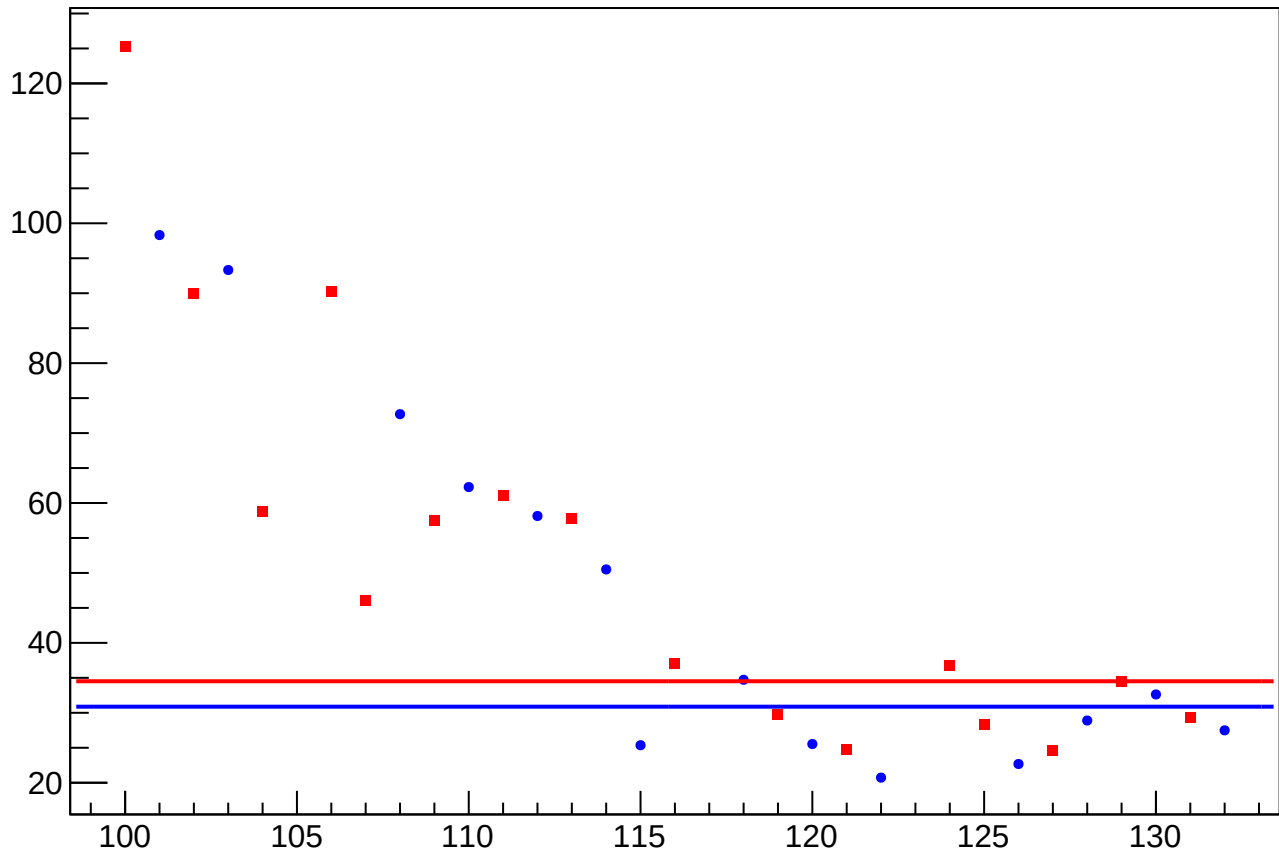
Right: -0.027 ± 0.010 χ^2/NDF : 30.6/29

In: -0.044 ± 0.014 χ^2/NDF : 9.5/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.027 ± 0.010 χ^2/NDF : 30.6/29

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.875+/-0.010 χ^2/NDF : 2204323.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.512+/-0.011 χ^2/NDF : 1773492.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

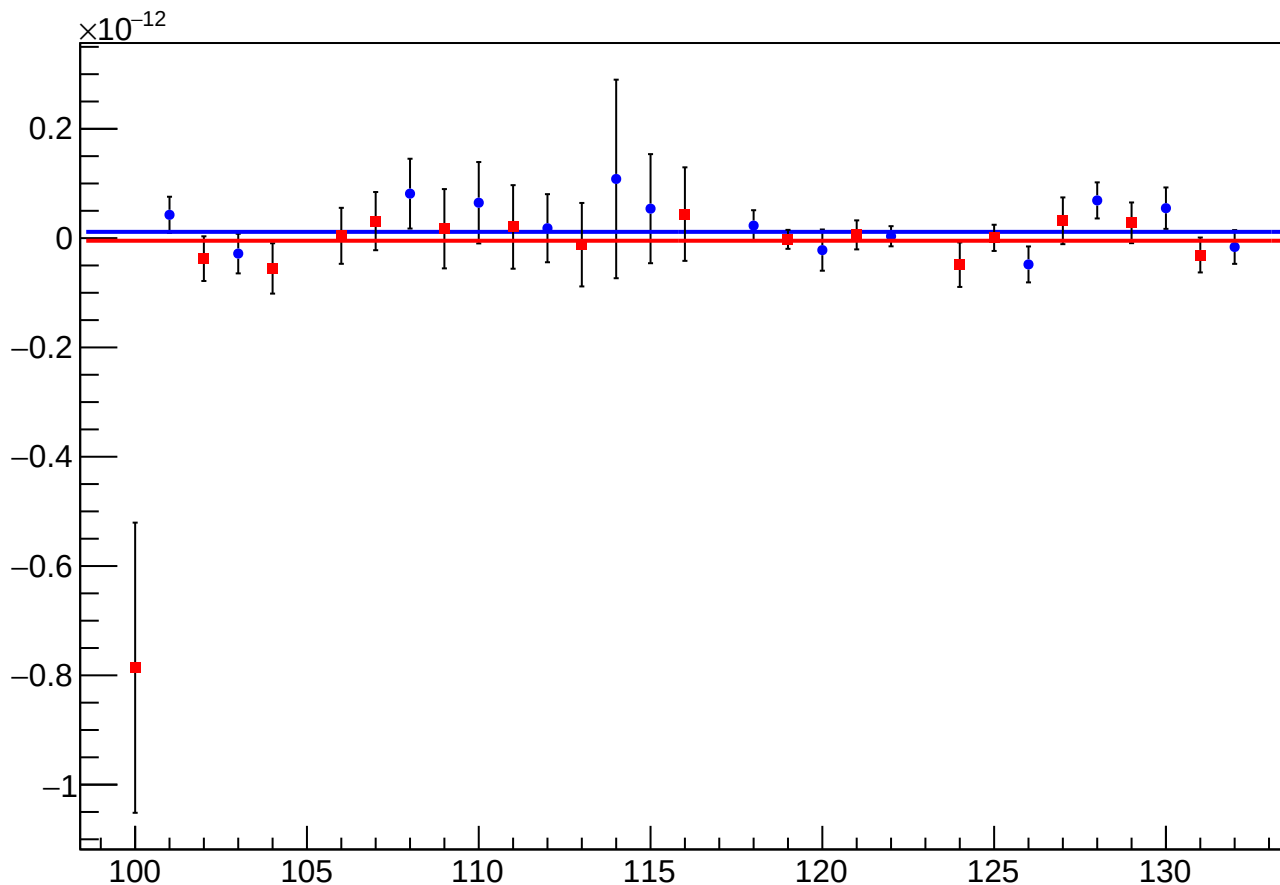
Right: 32.572+/-0.007 χ^2/NDF : 4037830.9/29

In: 30.875+/-0.010 χ^2/NDF : 2204323.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.572+/-0.007 χ^2/NDF : 4037830.9/29

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

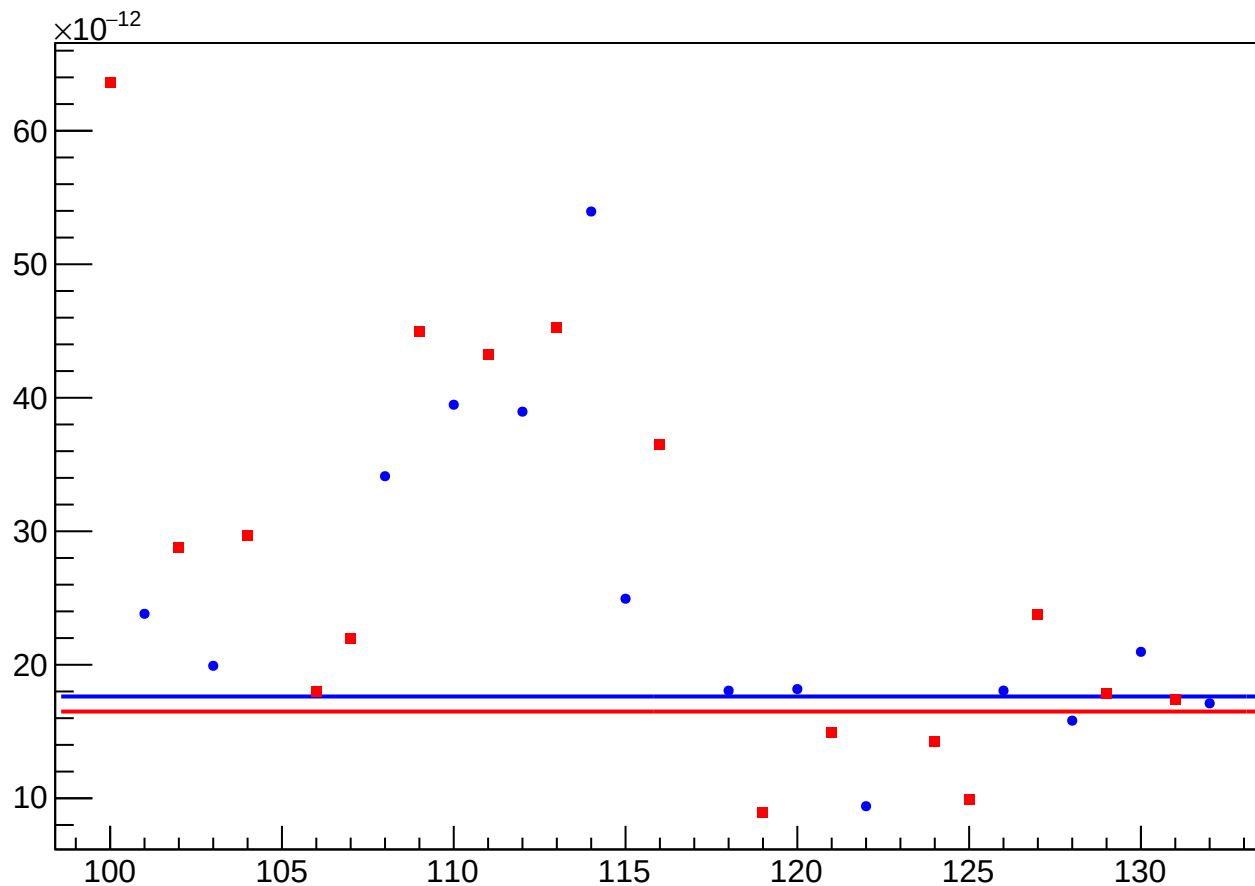
Right: 0.000+/-0.000 χ^2/NDF : 30.4/29

In: 0.000+/-0.000 χ^2/NDF : 13.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.4/29

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1130078.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1982854.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

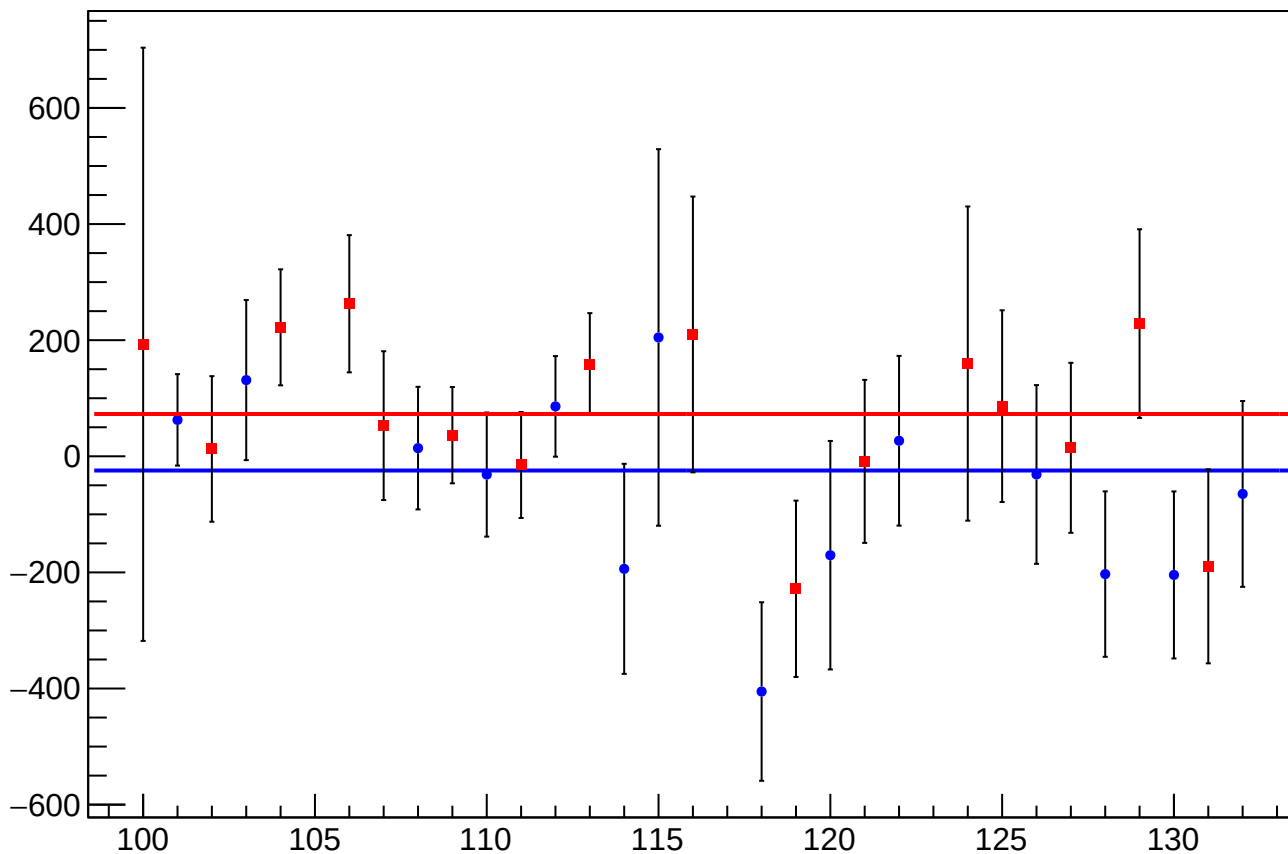
Right: 0.000+/-0.000 χ^2/NDF : 3127413.6/29

In: 0.000+/-0.000 χ^2/NDF : 1130078.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3127413.6/29

reg_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -24.499 ± 34.137 χ^2/NDF : 15.6/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 72.860 ± 31.971 χ^2/NDF : 15.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

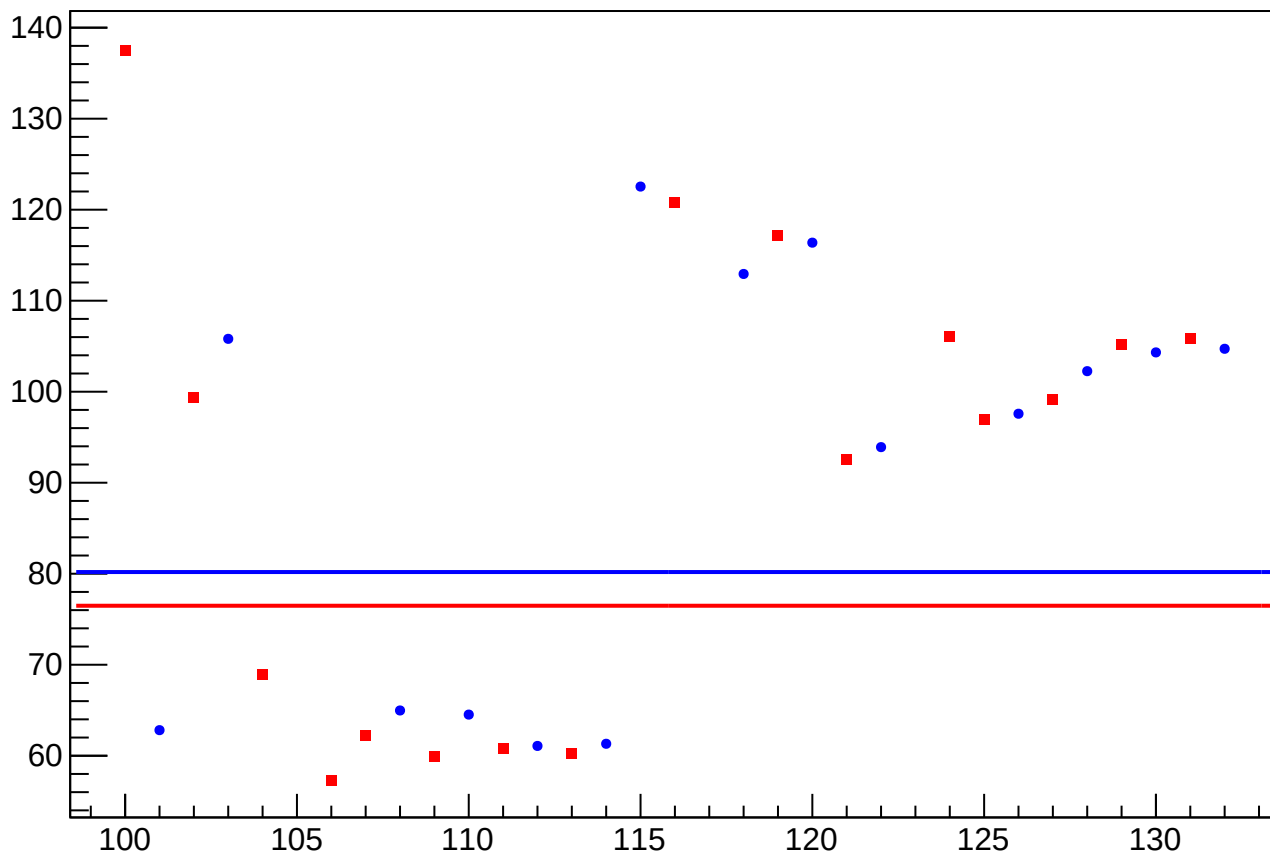
Right: 27.367 ± 23.335 χ^2/NDF : 35.4/29

In: -24.499 ± 34.137 χ^2/NDF : 15.6/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 27.367 ± 23.335 χ^2/NDF : 35.4/29

reg_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 80.186+/-0.024 χ^2/NDF : 756917.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.483+/-0.023 χ^2/NDF : 857087.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

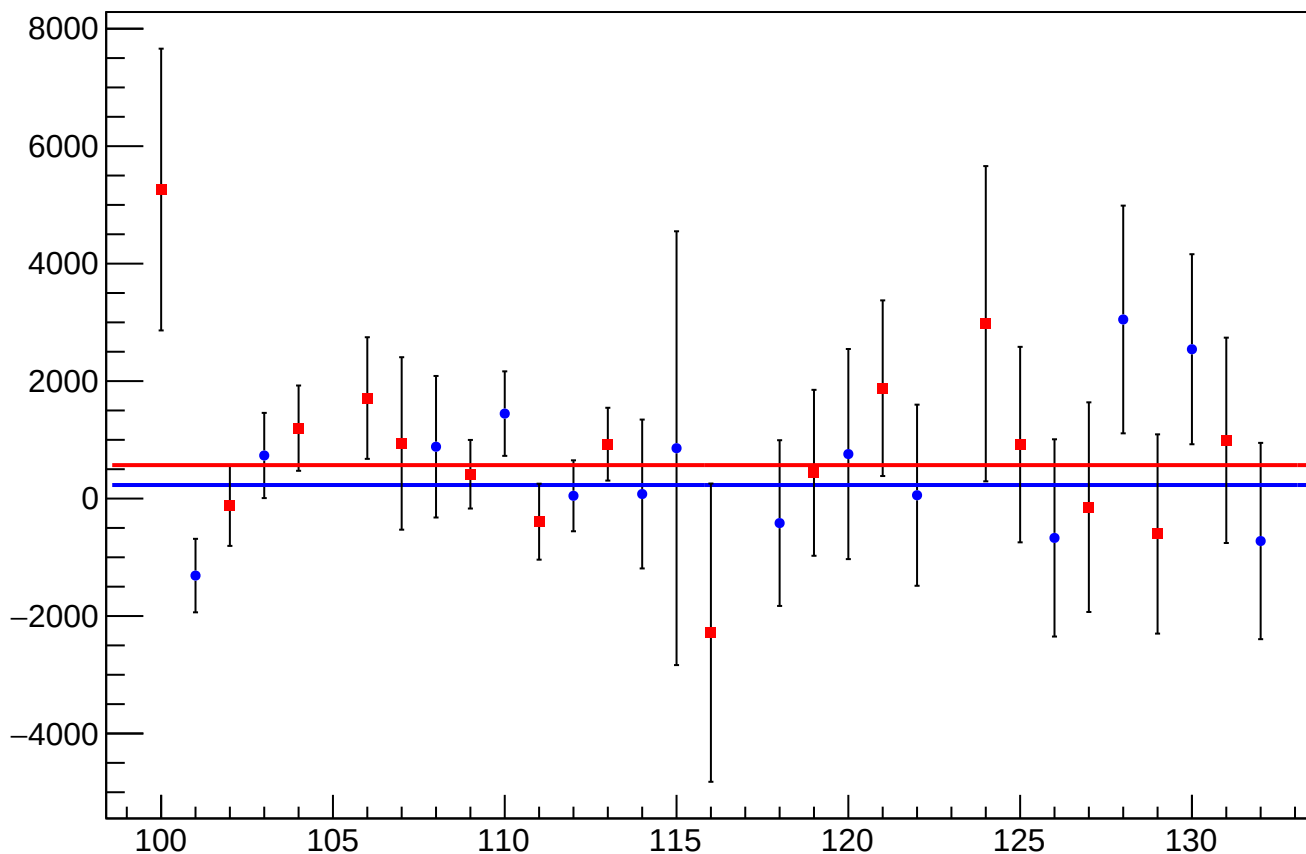
Right: 78.213+/-0.017 χ^2/NDF : 1626541.0/29

In: 80.186+/-0.024 χ^2/NDF : 756917.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.213+/-0.017 χ^2/NDF : 1626541.0/29

asym_sam_1548_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 230.809+/-276.217 χ^2/NDF : 14.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 569.621+/-249.188 χ^2/NDF : 13.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

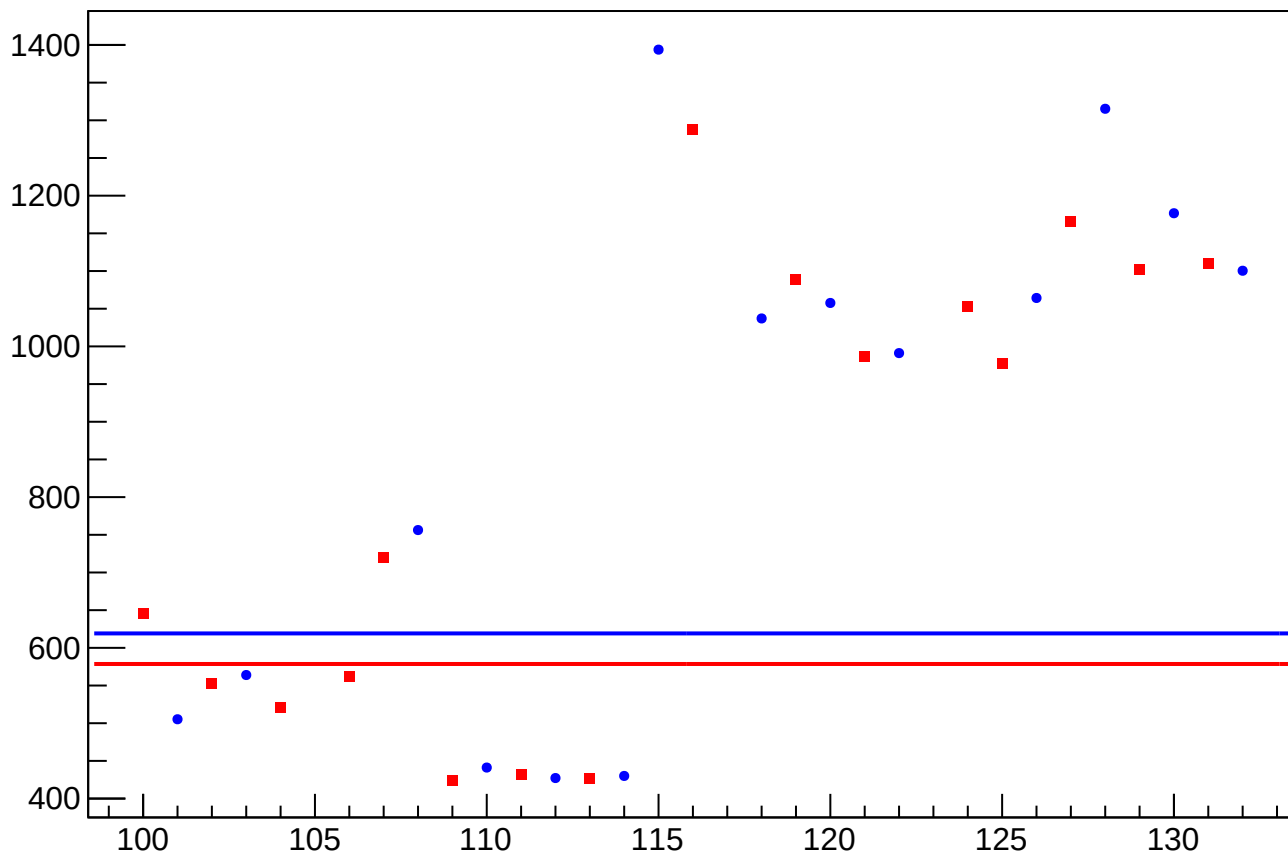
Right: 417.599+/-185.023 χ^2/NDF : 28.8/29

In: 230.809+/-276.217 χ^2/NDF : 14.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 417.599+/-185.023 χ^2/NDF : 28.8/29

asym_sam_1548_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 619.150+/-0.195 χ^2/NDF : 1774376.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 578.588+/-0.176 χ^2/NDF : 1733611.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

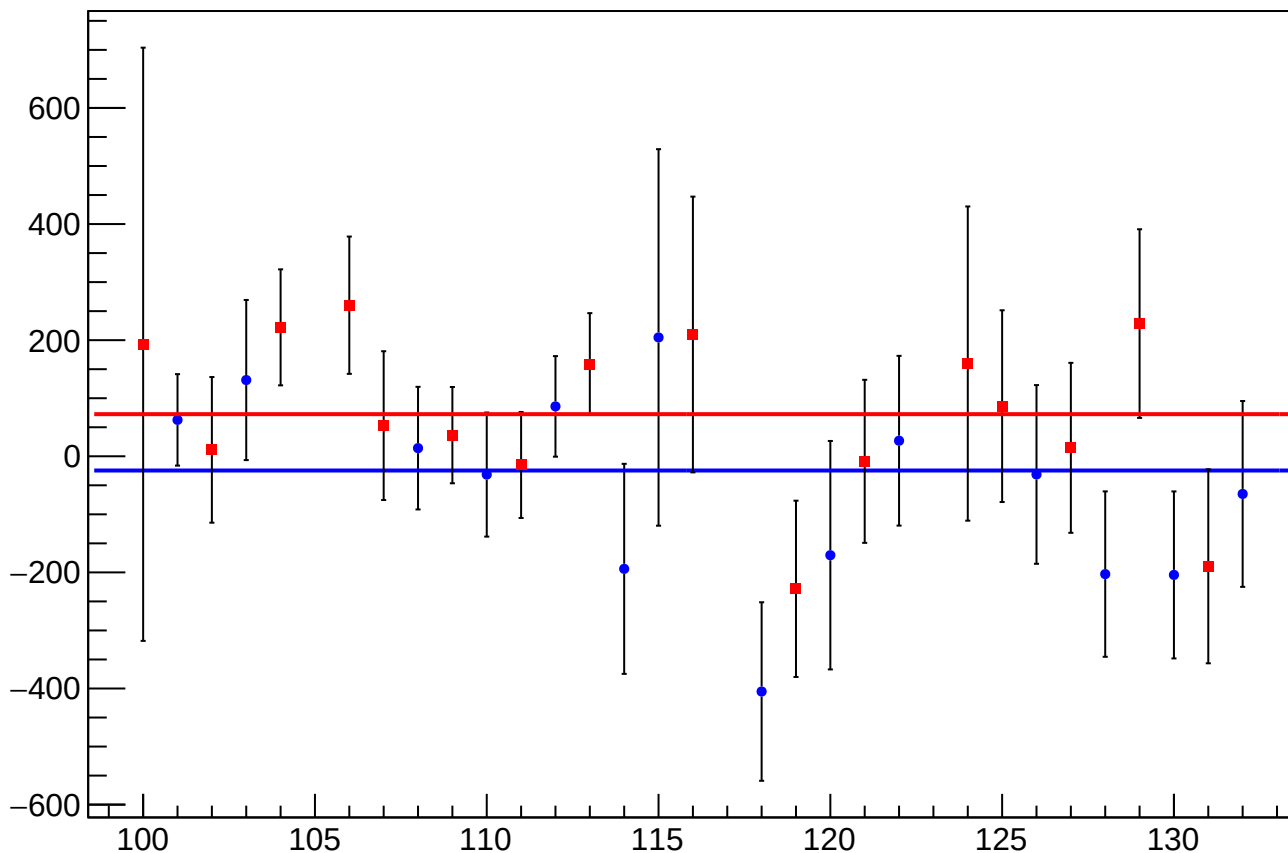
Right: 596.788+/-0.131 χ^2/NDF : 3531765.4/29

In: 619.150+/-0.195 χ^2/NDF : 1774376.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 596.788+/-0.131 χ^2/NDF : 3531765.4/29

cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -24.506 ± 34.137 χ^2/NDF : 15.6/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 72.557 ± 31.973 χ^2/NDF : 15.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

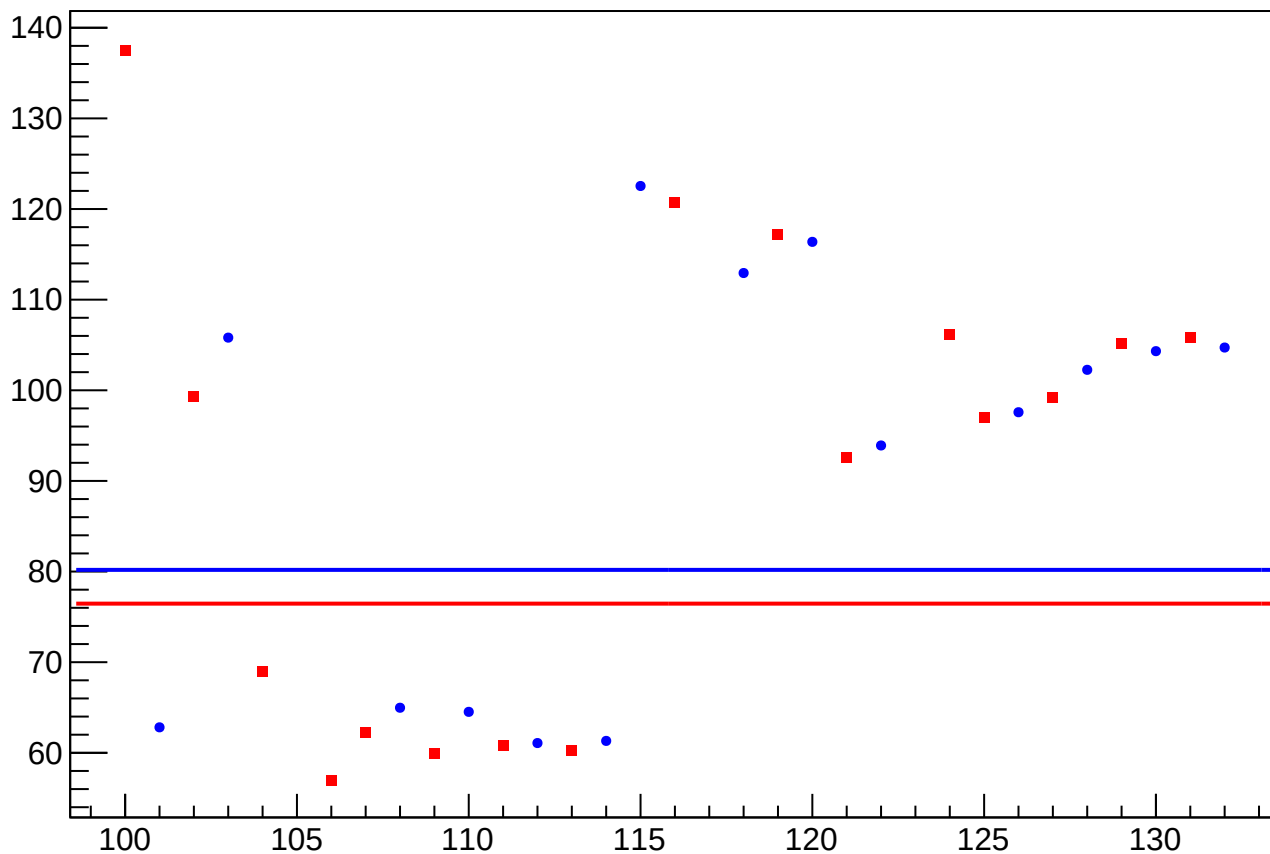
Right: 27.199 ± 23.336 χ^2/NDF : 35.4/29

In: -24.506 ± 34.137 χ^2/NDF : 15.6/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 27.199 ± 23.336 χ^2/NDF : 35.4/29

cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 80.186+/-0.024 χ^2/NDF : 756919.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.461+/-0.023 χ^2/NDF : 859073.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

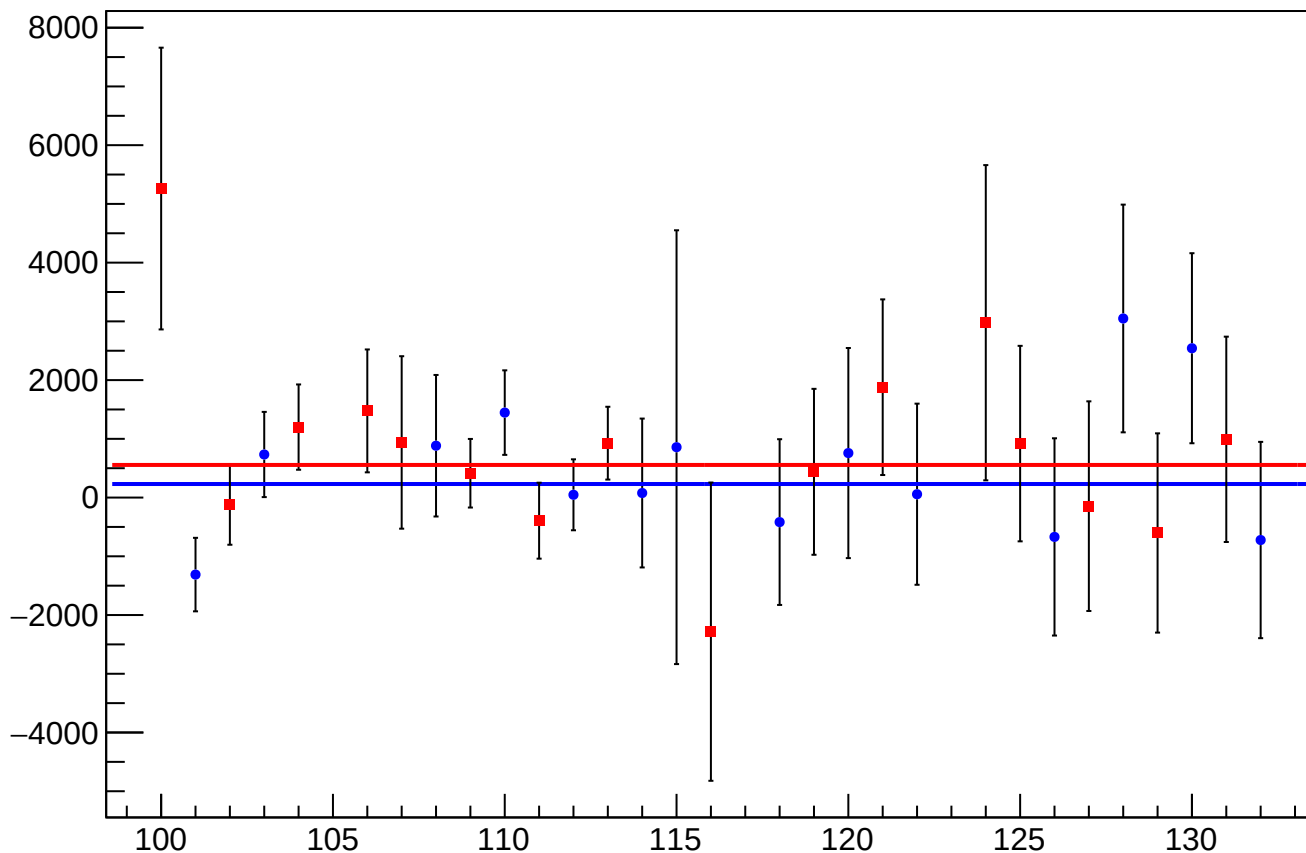
Right: 78.202+/-0.017 χ^2/NDF : 1628675.0/29

In: 80.186+/-0.024 χ^2/NDF : 756919.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.202+/-0.017 χ^2/NDF : 1628675.0/29

asym_sam_1548_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 230.783 $\pm$ 276.221 χ^2 /NDF: 14.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 555.497 $\pm$ 249.357 χ^2 /NDF: 12.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

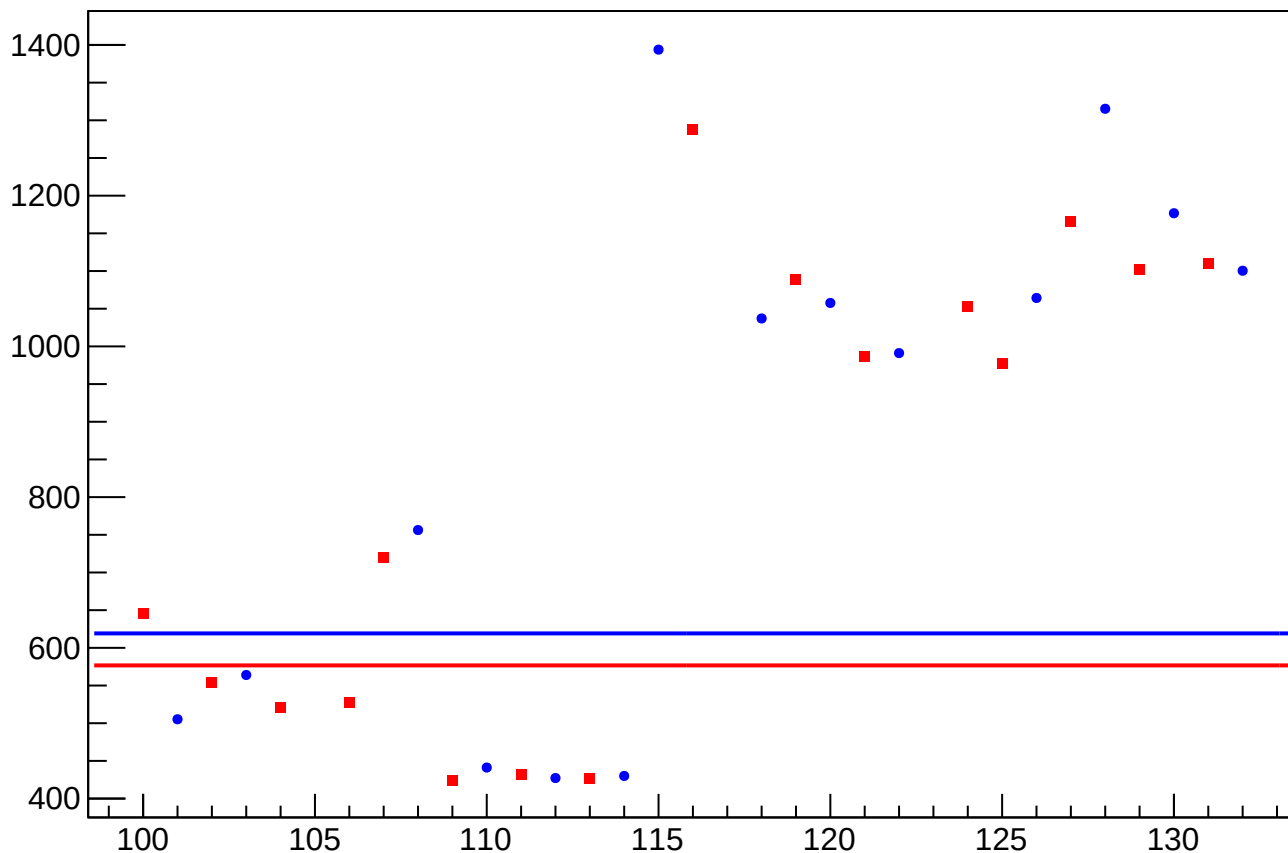
Right: 409.694 $\pm$ 185.093 χ^2 /NDF: 28.3/29

In: 230.783 $\pm$ 276.221 χ^2 /NDF:14.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 409.694 $\pm$ 185.093 χ^2 /NDF: 28.3/29

asym_sam_1548_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 619.160+/-0.195 χ^2/NDF : 1774348.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 576.723+/-0.176 χ^2/NDF : 1737660.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

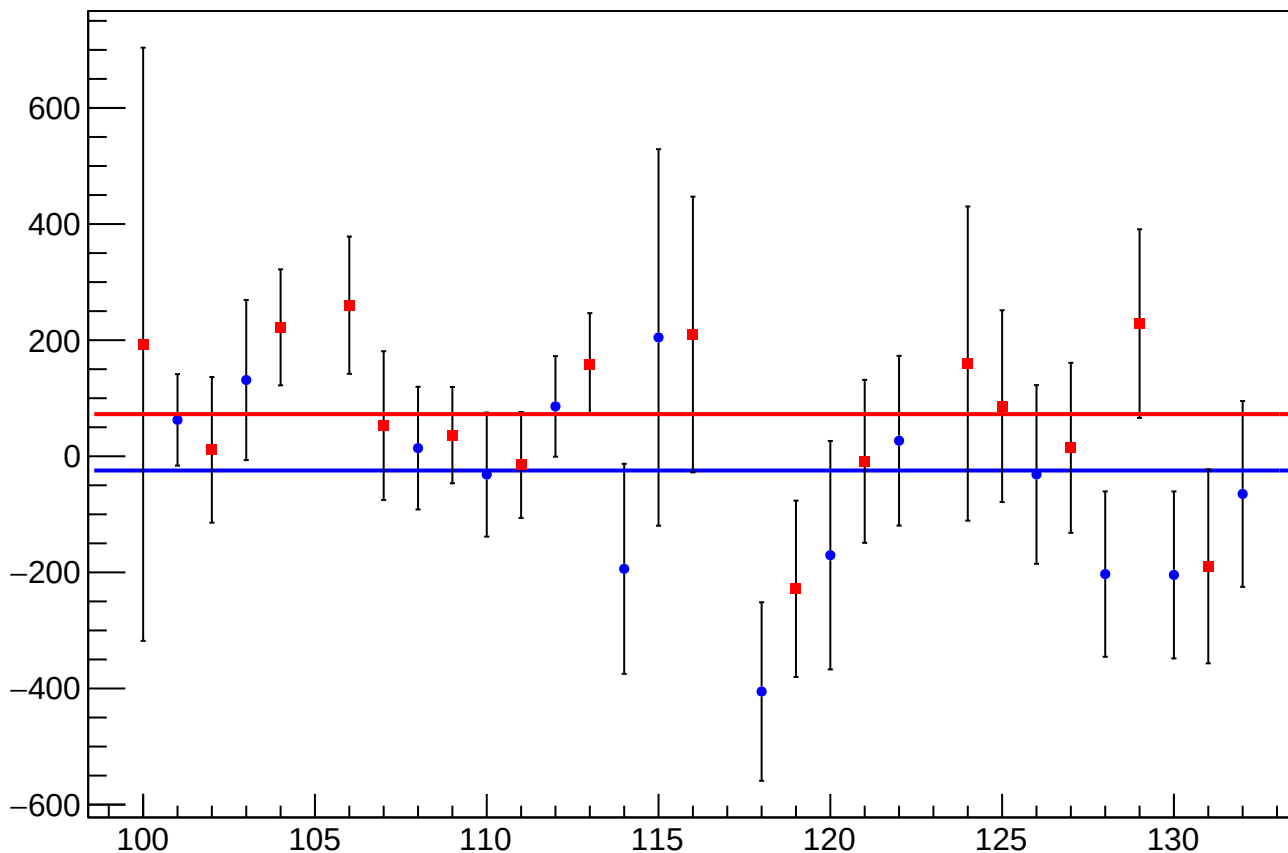
Right: 595.778+/-0.131 χ^2/NDF : 3538018.8/29

In: 619.160+/-0.195 χ^2/NDF : 1774348.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 595.778+/-0.131 χ^2/NDF : 3538018.8/29

eigen_cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -24.506 ± 34.137 χ^2/NDF : 15.6/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 72.557 ± 31.973 χ^2/NDF : 15.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

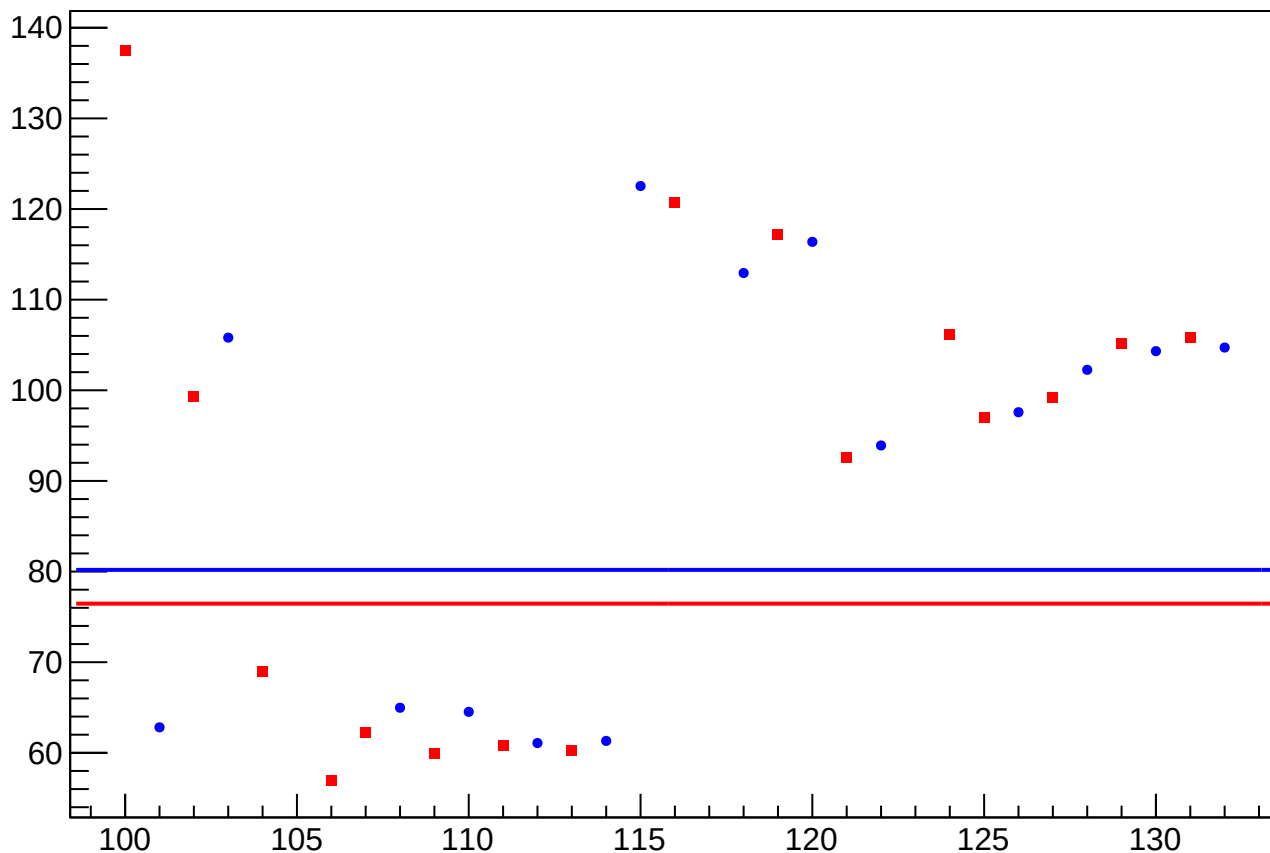
Right: 27.199 ± 23.336 χ^2/NDF : 35.4/29

In: -24.506 ± 34.137 χ^2/NDF : 15.6/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 27.199 ± 23.336 χ^2/NDF : 35.4/29

eigen_cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 80.186+/-0.024 χ^2/NDF : 756919.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.461+/-0.023 χ^2/NDF : 859073.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

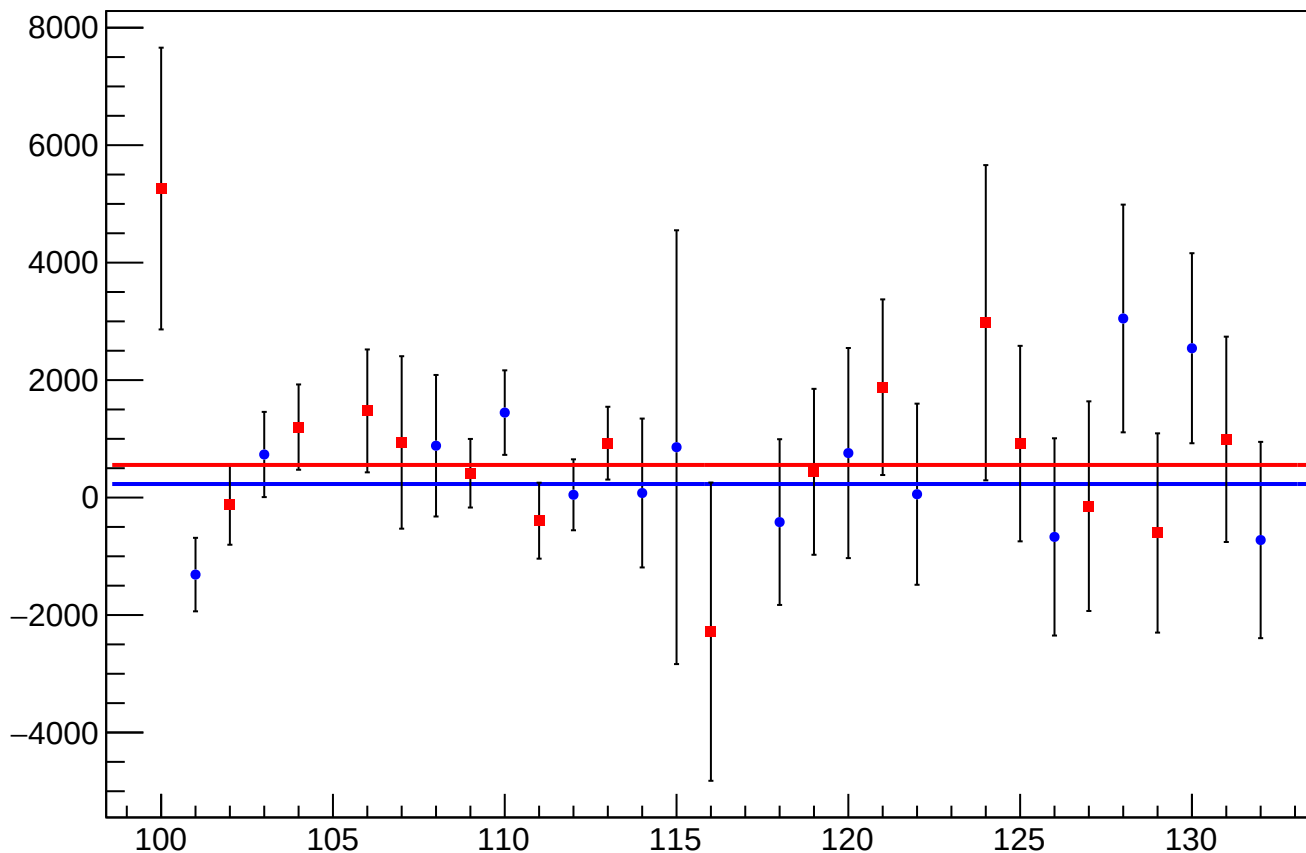
Right: 78.202+/-0.017 χ^2/NDF : 1628675.0/29

In: 80.186+/-0.024 χ^2/NDF : 756919.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.202+/-0.017 χ^2/NDF : 1628675.0/29

asym_sam_1548_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 230.783 $\pm$ 276.221 χ^2 /NDF: 14.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 555.497 $\pm$ 249.357 χ^2 /NDF: 12.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

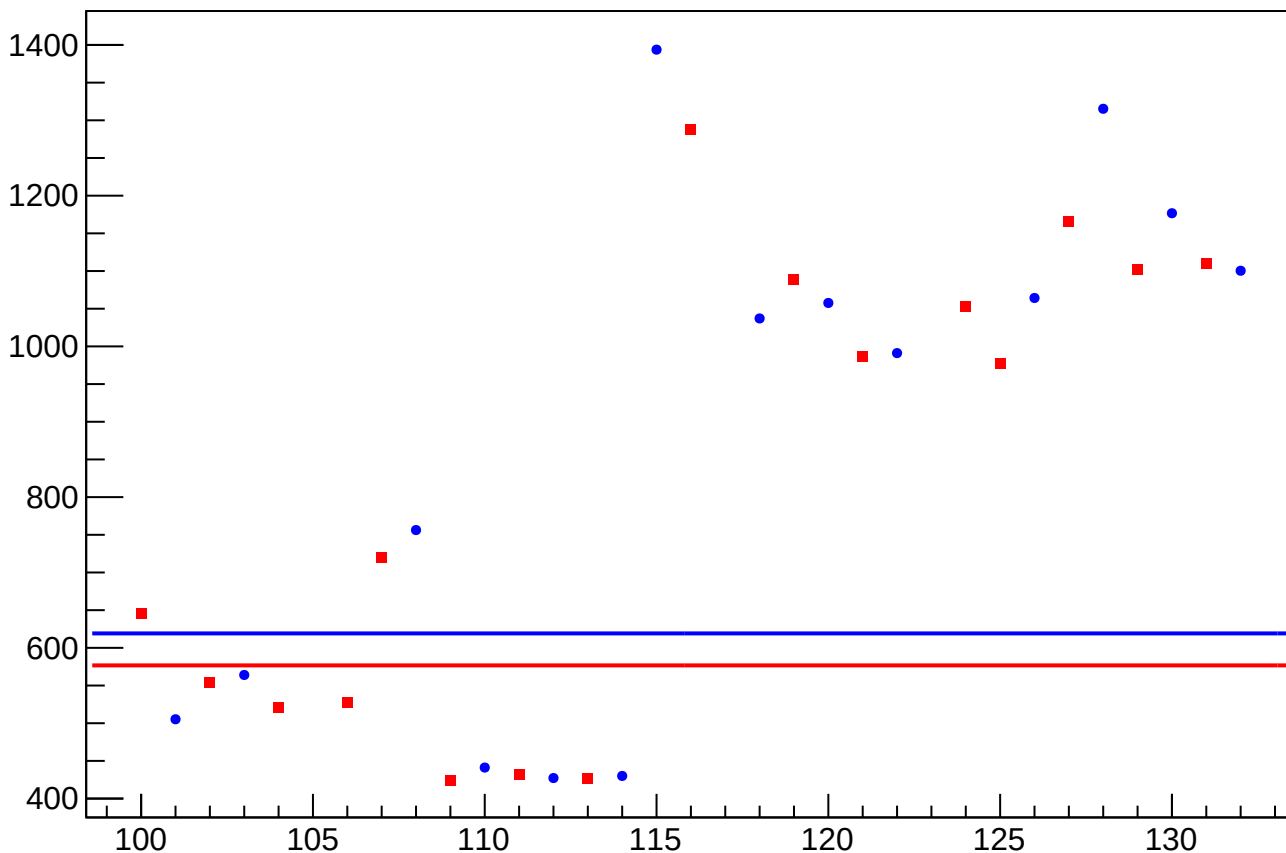
Right: 409.694 $\pm$ 185.093 χ^2 /NDF: 28.3/29

In: 230.783 $\pm$ 276.221 χ^2 /NDF:14.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 409.694 $\pm$ 185.093 χ^2 /NDF: 28.3/29

asym_sam_1548_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 619.160+/-0.195 χ^2/NDF : 1774348.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 576.723+/-0.176 χ^2/NDF : 1737660.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

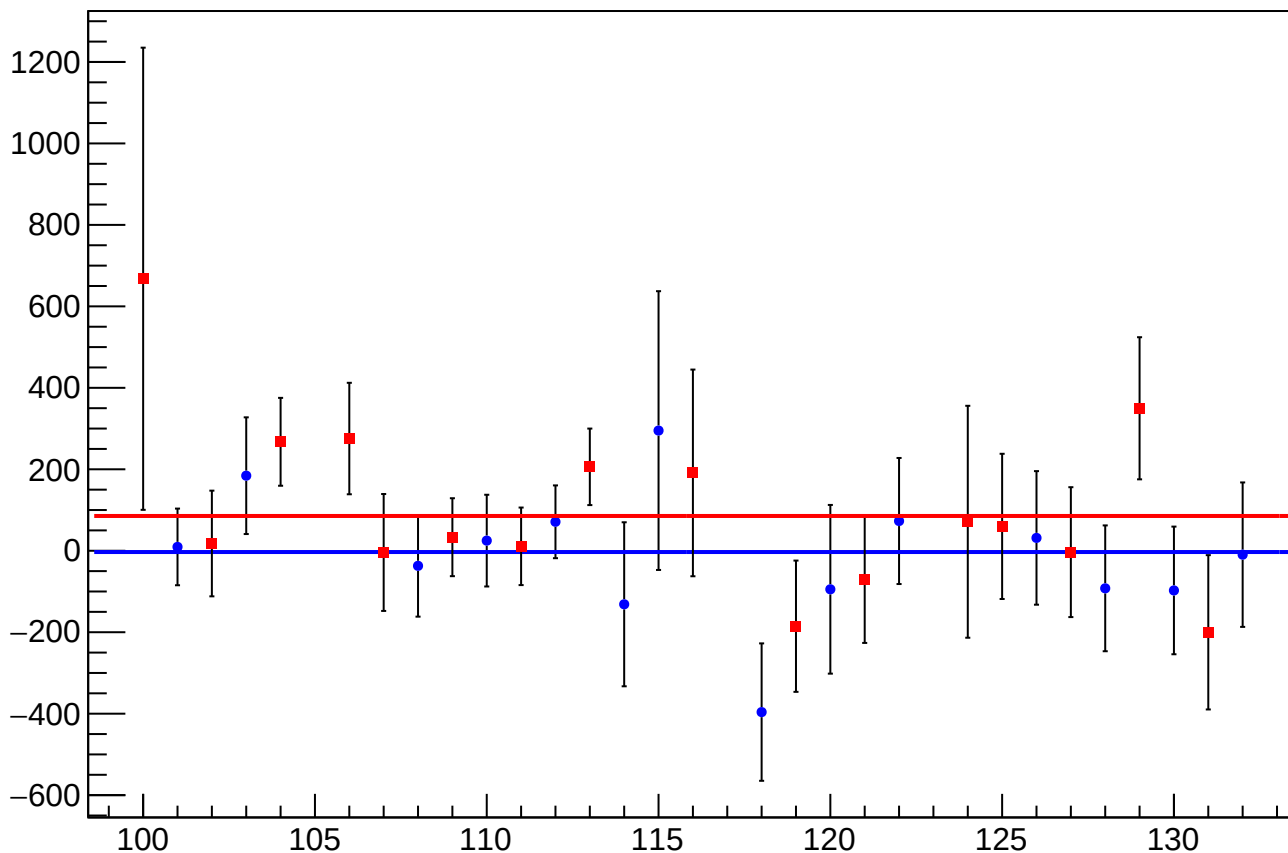
Right: 595.778+/-0.131 χ^2/NDF : 3538018.8/29

In: 619.160+/-0.195 χ^2/NDF : 1774348.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 595.778+/-0.131 χ^2/NDF : 3538018.8/29

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -3.121 ± 37.395 $\chi^2/\text{NDF}: 10.3/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 85.401 ± 34.862 $\chi^2/\text{NDF}: 18.0/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

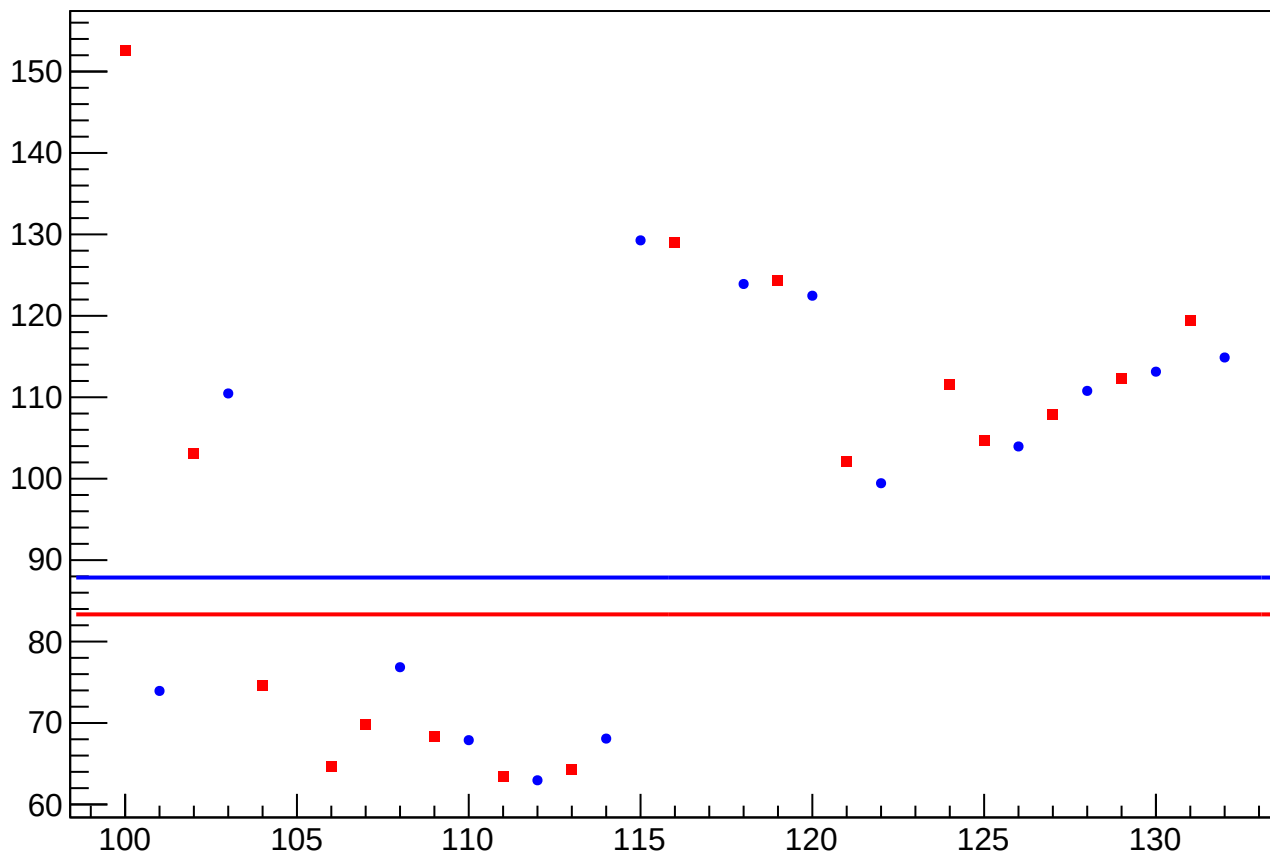
Right: 44.239 ± 25.499 $\chi^2/\text{NDF}: 31.3/29$

In: -3.121 ± 37.395 $\chi^2/\text{NDF}: 10.3/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 44.239 ± 25.499 $\chi^2/\text{NDF}: 31.3/29$

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 87.863+/-0.026 χ^2/NDF : 696197.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.337+/-0.025 χ^2/NDF : 809905.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

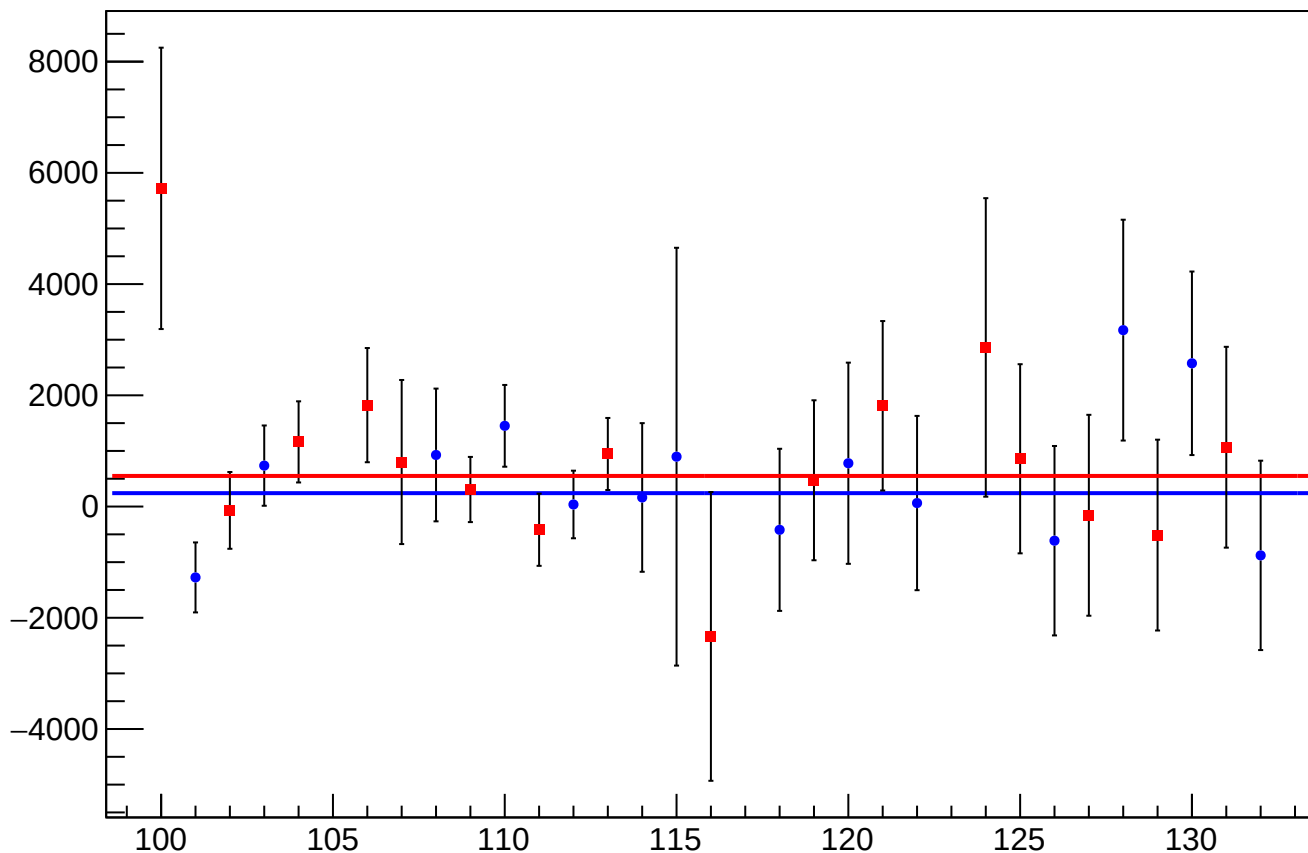
Right: 85.442+/-0.018 χ^2/NDF : 1521777.2/29

In: 87.863+/-0.026 χ^2/NDF : 696197.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.442+/-0.018 χ^2/NDF : 1521777.2/29

asym_sam_1548_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 240.843 $\pm$ 279.178 χ^2 /NDF: 14.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 550.394 $\pm$ 252.296 χ^2 /NDF: 13.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

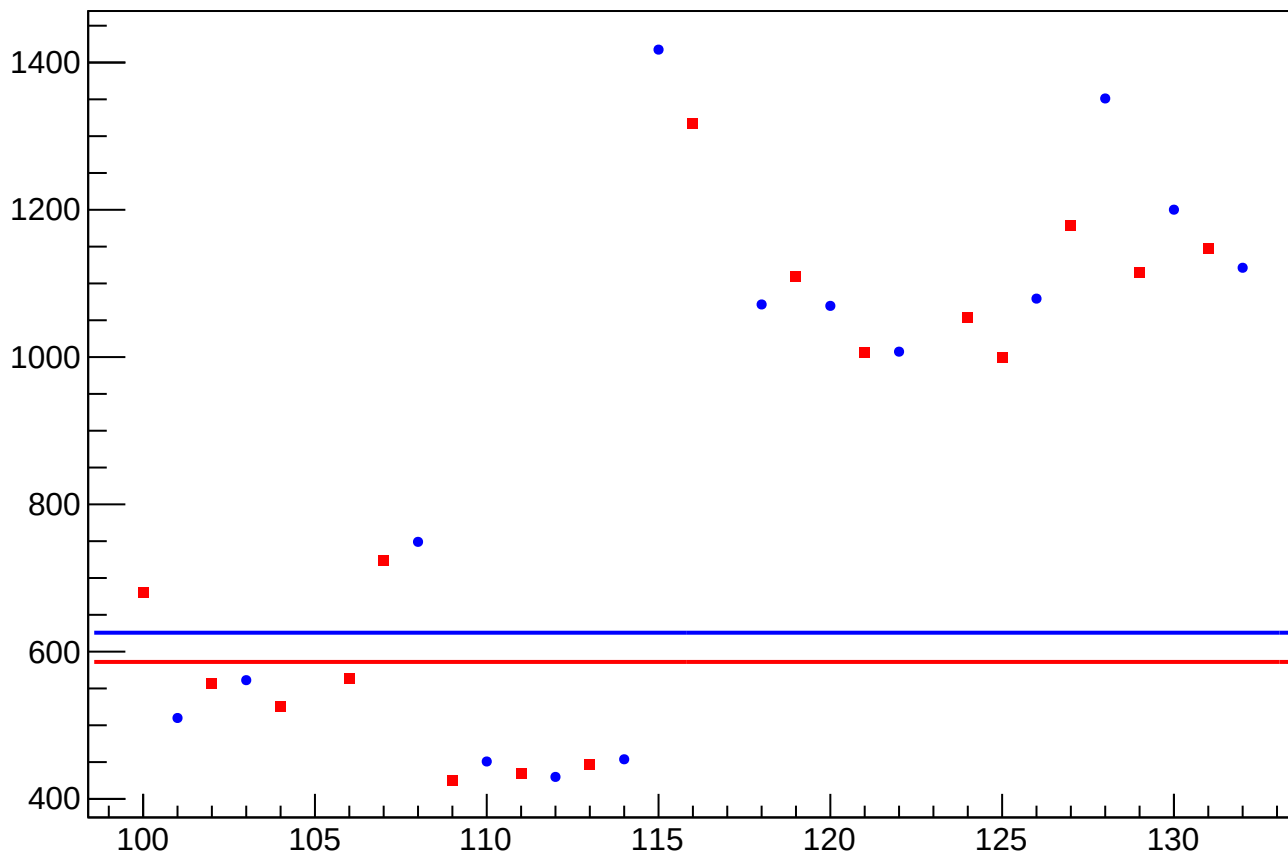
Right: 411.236 $\pm$ 187.184 χ^2 /NDF: 28.6/29

In: 240.843 $\pm$ 279.178 χ^2 /NDF:14.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 411.236 $\pm$ 187.184 χ^2 /NDF: 28.6/29

asym_sam_1548_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 625.705+/-0.197 χ^2/NDF : 1794837.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 586.022+/-0.178 χ^2/NDF : 1744005.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

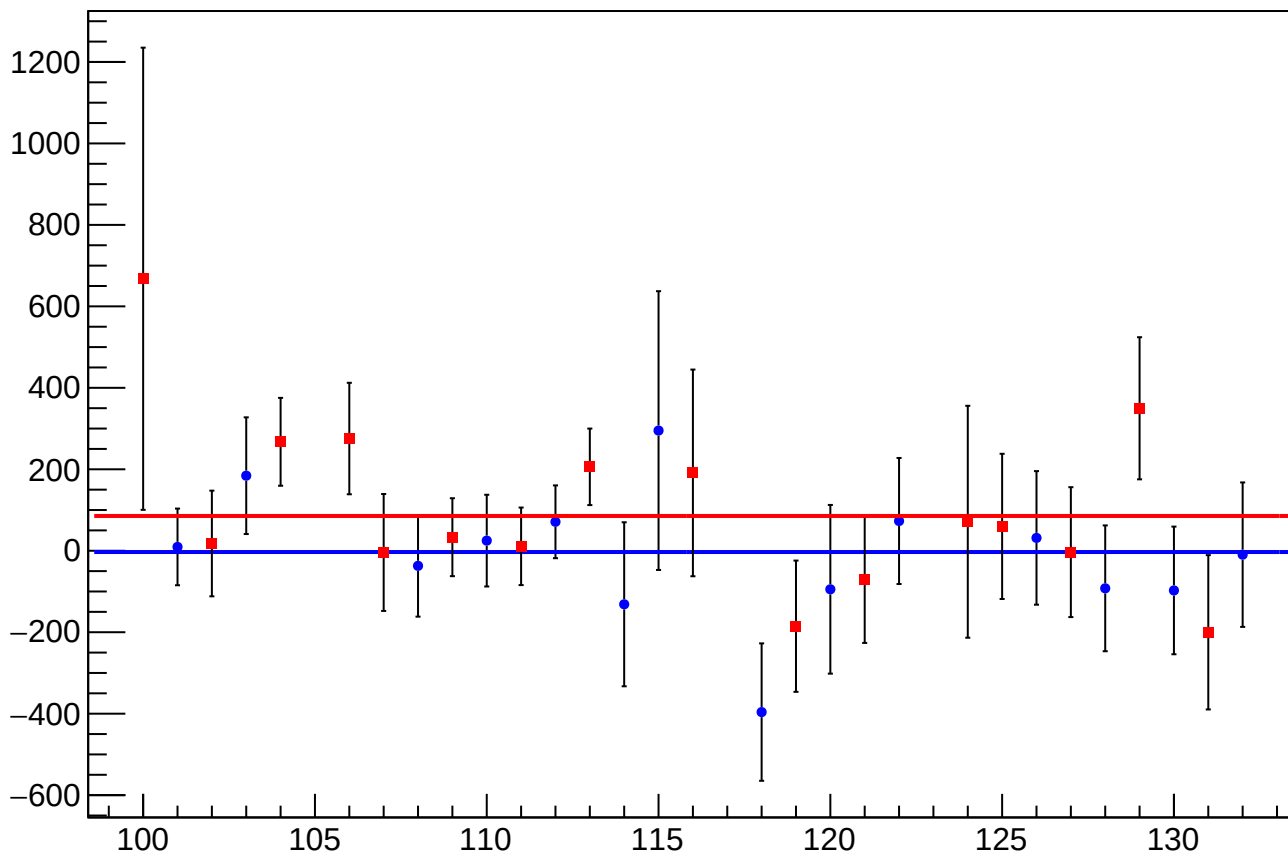
Right: 603.862+/-0.132 χ^2/NDF : 3561085.3/29

In: 625.705+/-0.197 χ^2/NDF :1794837.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 603.862+/-0.132 χ^2/NDF : 3561085.3/29

eigen_dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -3.121+/-37.395 χ^2/NDF : 10.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.401+/-34.862 χ^2/NDF : 18.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

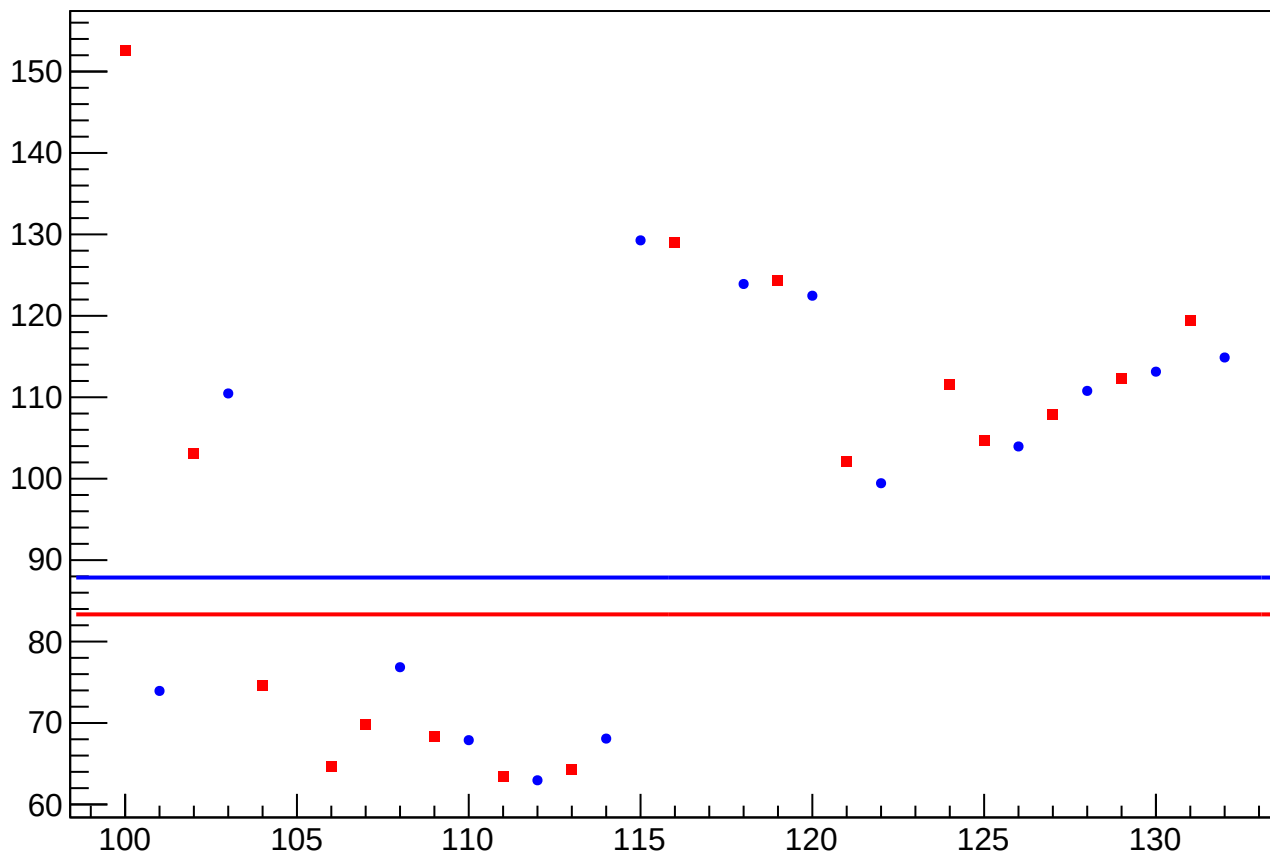
Right: 44.239+/-25.499 χ^2/NDF : 31.3/29

In: -3.121+/-37.395 χ^2/NDF : 10.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.239+/-25.499 χ^2/NDF : 31.3/29

eigen_dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 87.863+/-0.026 χ^2/NDF : 696198.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.337+/-0.025 χ^2/NDF : 809906.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

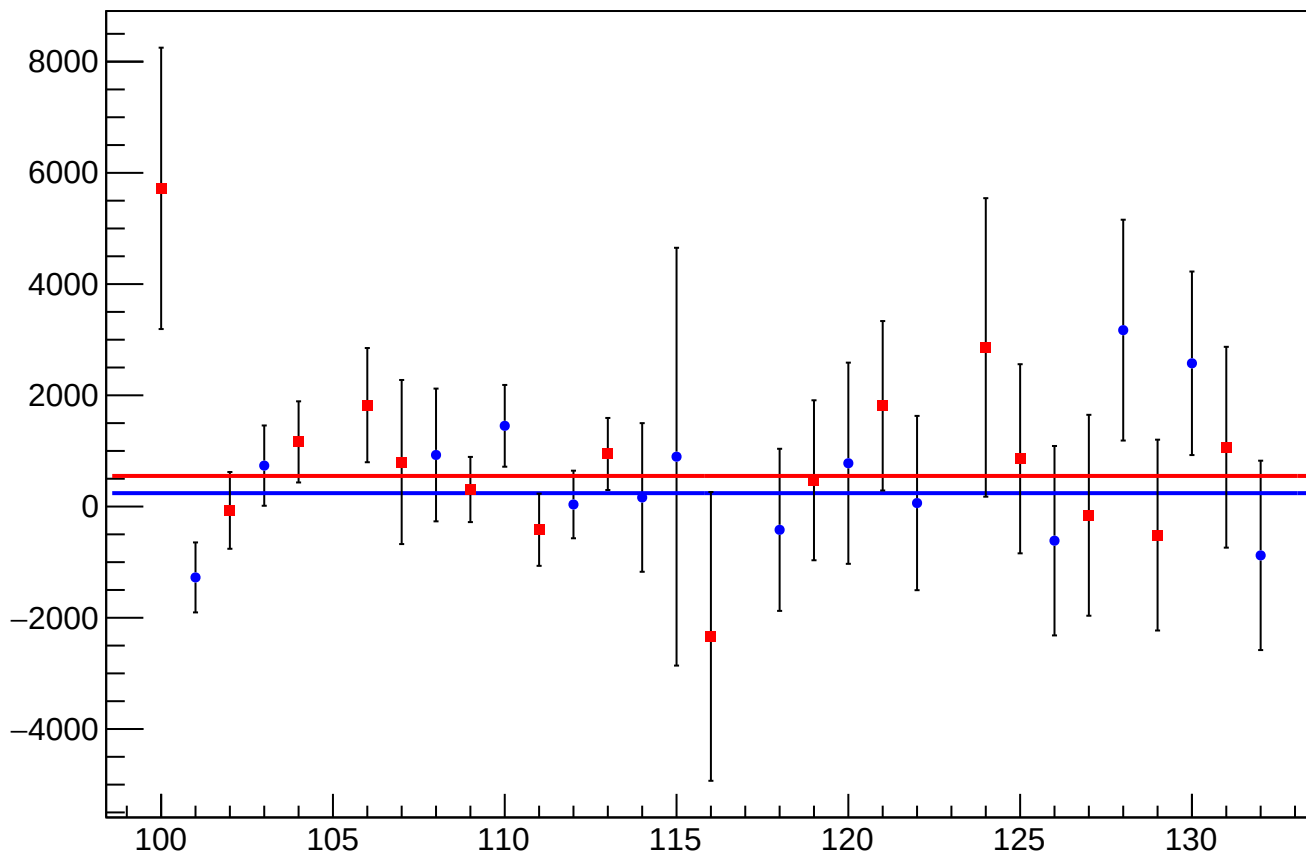
Right: 85.442+/-0.018 χ^2/NDF : 1521778.4/29

In: 87.863+/-0.026 χ^2/NDF : 696198.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.442+/-0.018 χ^2/NDF : 1521778.4/29

asym_sam_1548_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 240.843 $\pm$ 279.178 χ^2 /NDF: 14.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 550.393 $\pm$ 252.296 χ^2 /NDF: 13.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

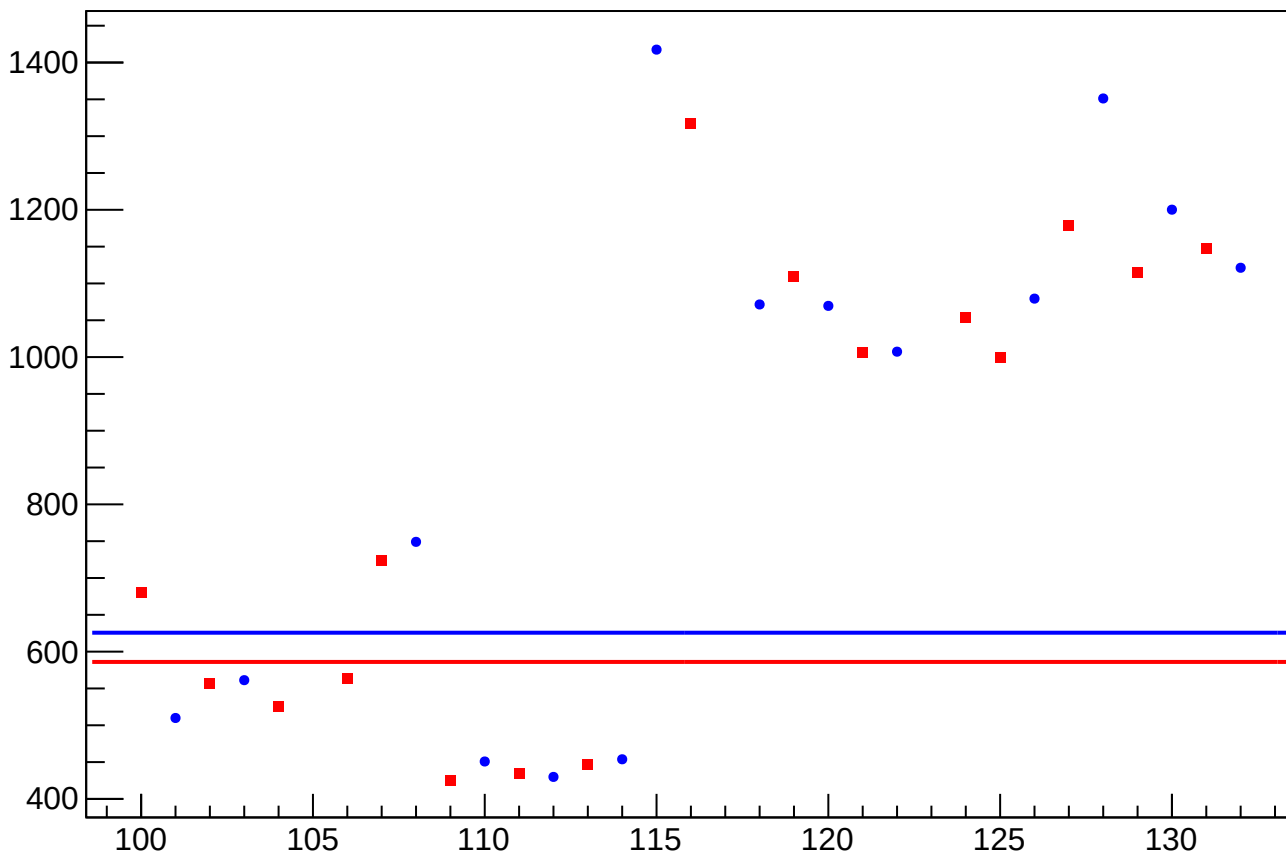
Right: 411.235 $\pm$ 187.184 χ^2 /NDF: 28.6/29

In: 240.843 $\pm$ 279.178 χ^2 /NDF:14.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 411.235 $\pm$ 187.184 χ^2 /NDF: 28.6/29

asym_sam_1548_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 625.705+/-0.197 χ^2/NDF : 1794842.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 586.022+/-0.178 χ^2/NDF : 1744008.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

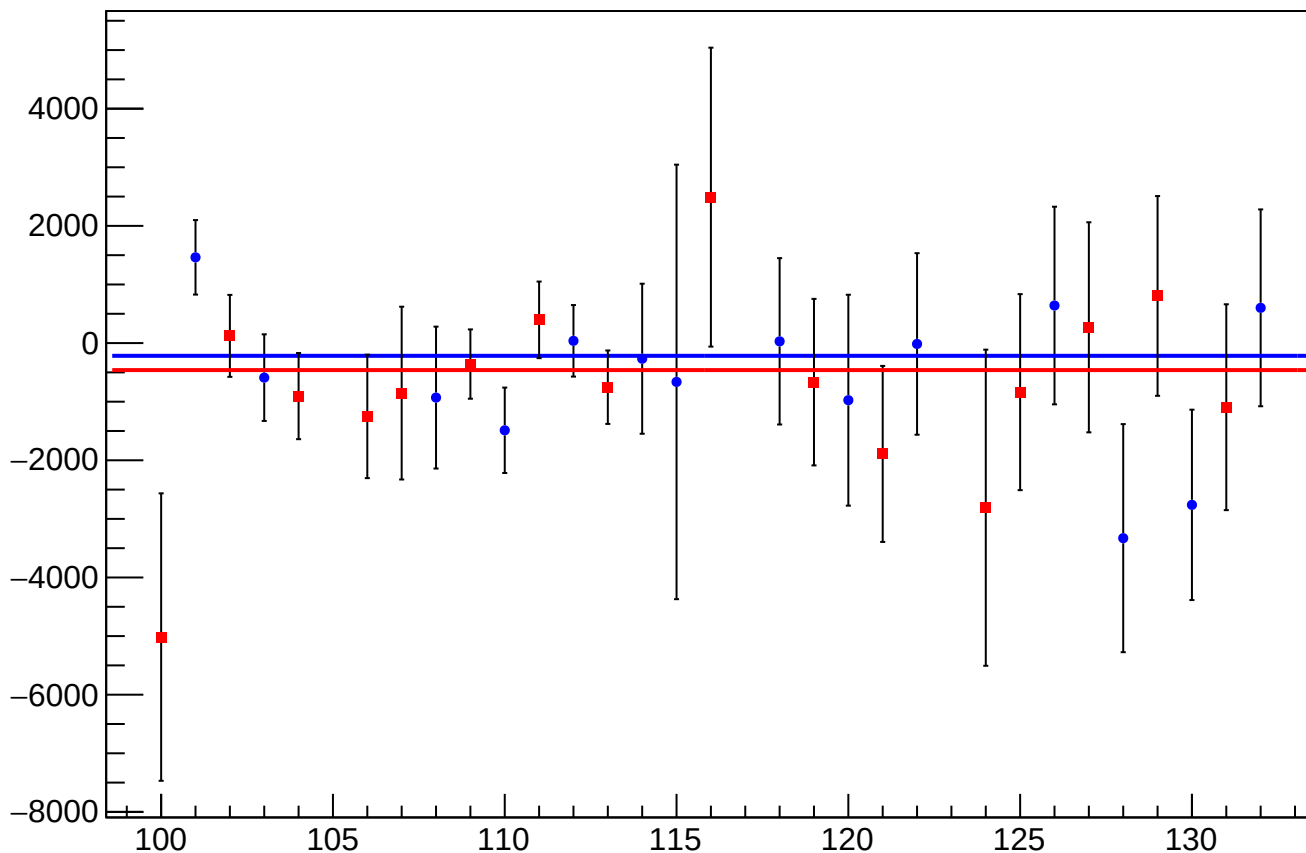
Right: 603.861+/-0.132 χ^2/NDF : 3561093.8/29

In: 625.705+/-0.197 χ^2/NDF : 1794842.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 603.861+/-0.132 χ^2/NDF : 3561093.8/29

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -217.300+/-279.413 χ^2/NDF : 16.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -460.879+/-252.050 χ^2/NDF : 11.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

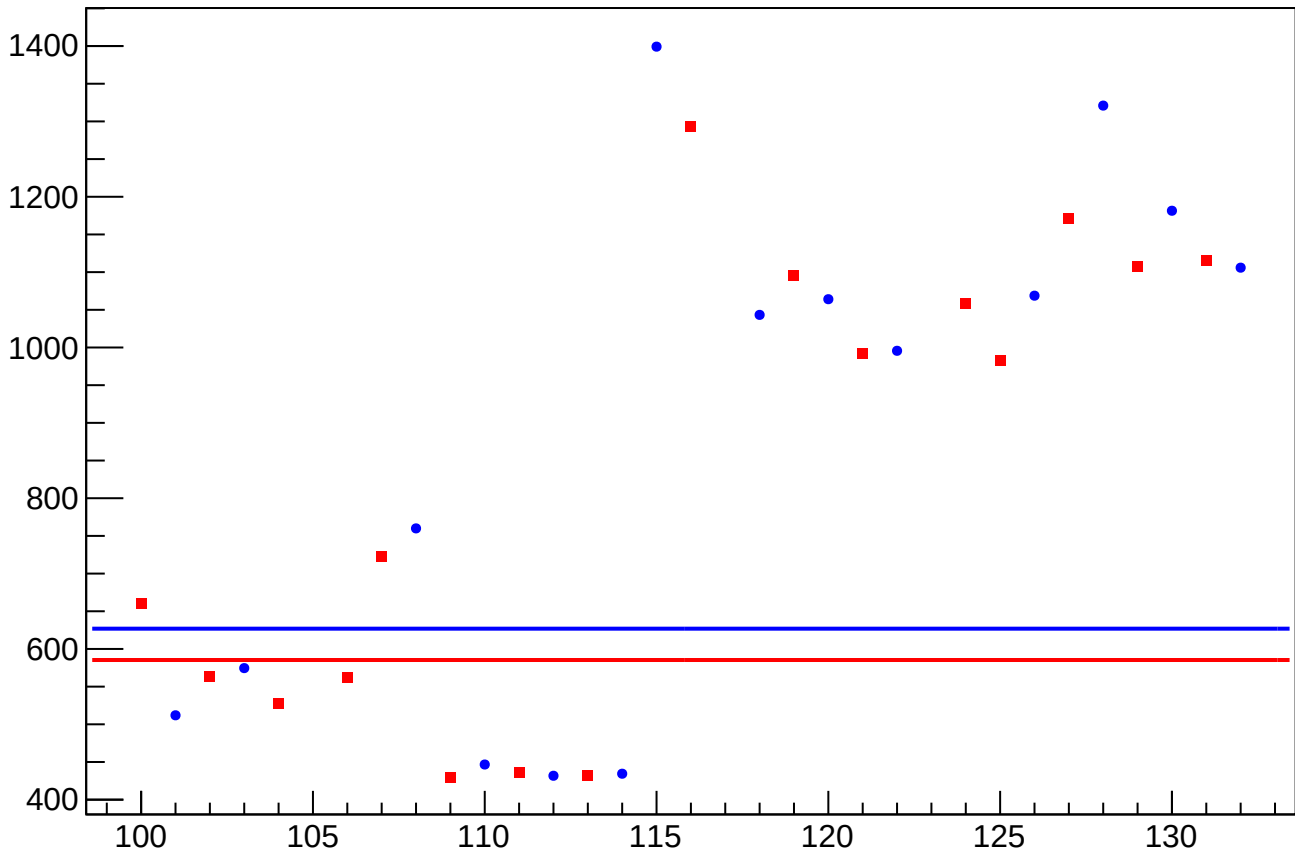
Right: -351.597+/-187.154 χ^2/NDF : 28.0/29

In: -217.300+/-279.413 χ^2/NDF : 16.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -351.597+/-187.154 χ^2/NDF : 28.0/29

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 626.903+/-0.198 χ^2/NDF : 1749462.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 585.327+/-0.178 χ^2/NDF : 1713003.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

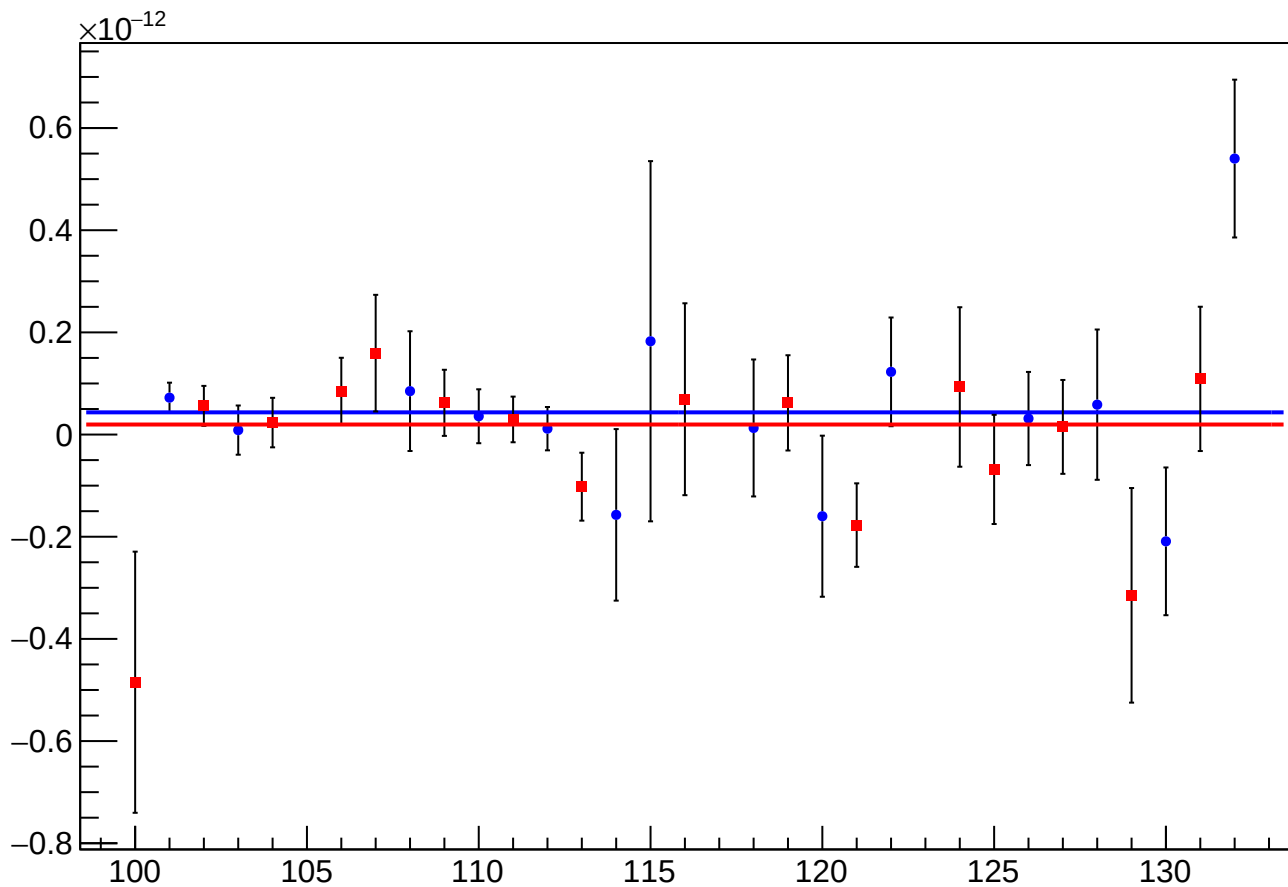
Right: 603.980+/-0.132 χ^2/NDF : 3486880.6/29

In: 626.903+/-0.198 χ^2/NDF : 1749462.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 603.980+/-0.132 χ^2/NDF : 3486880.6/29

asym_sam_1548_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 19.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 21.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

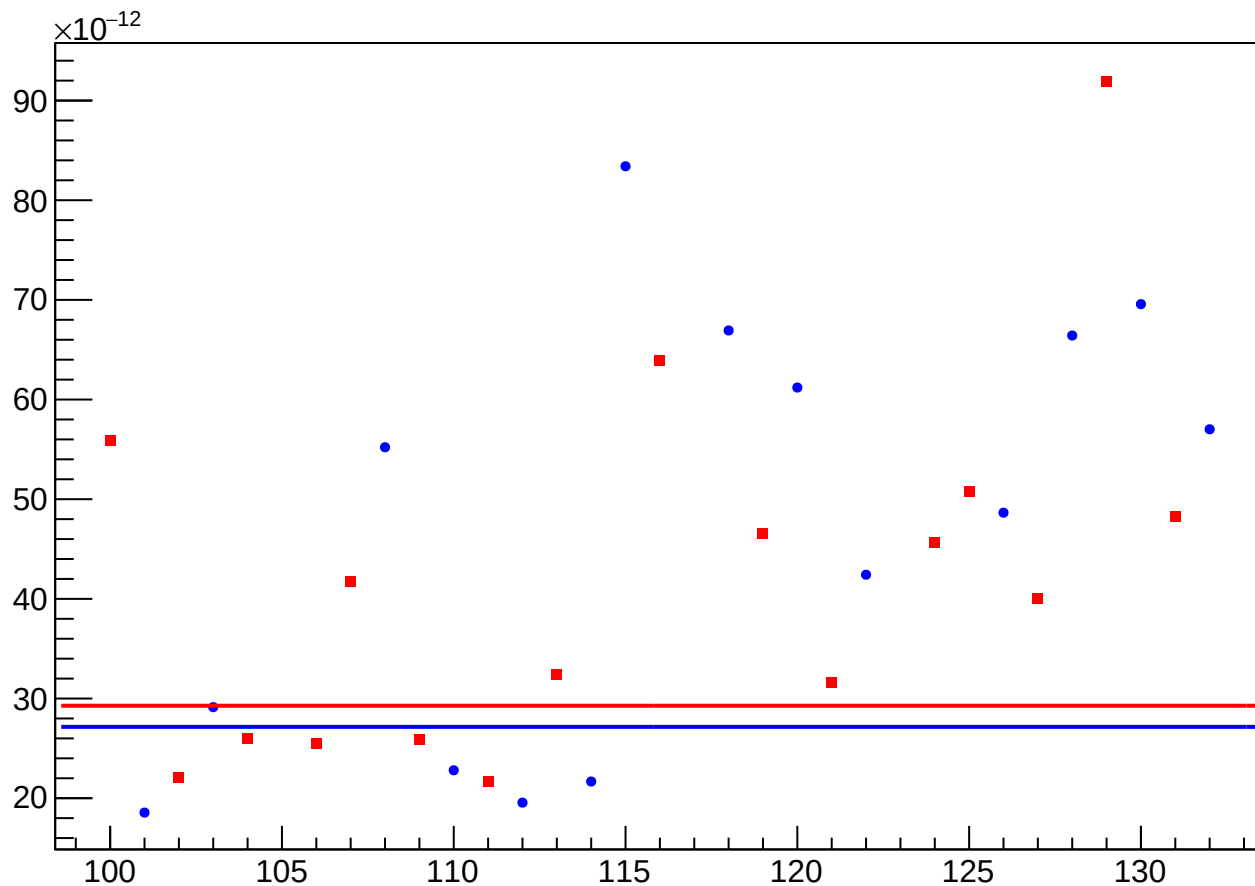
Right: 0.000+/-0.000 χ^2/NDF : 41.3/29

In: 0.000+/-0.000 χ^2/NDF : 19.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 41.3/29

asym_sam_1548_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1231356.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 680372.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

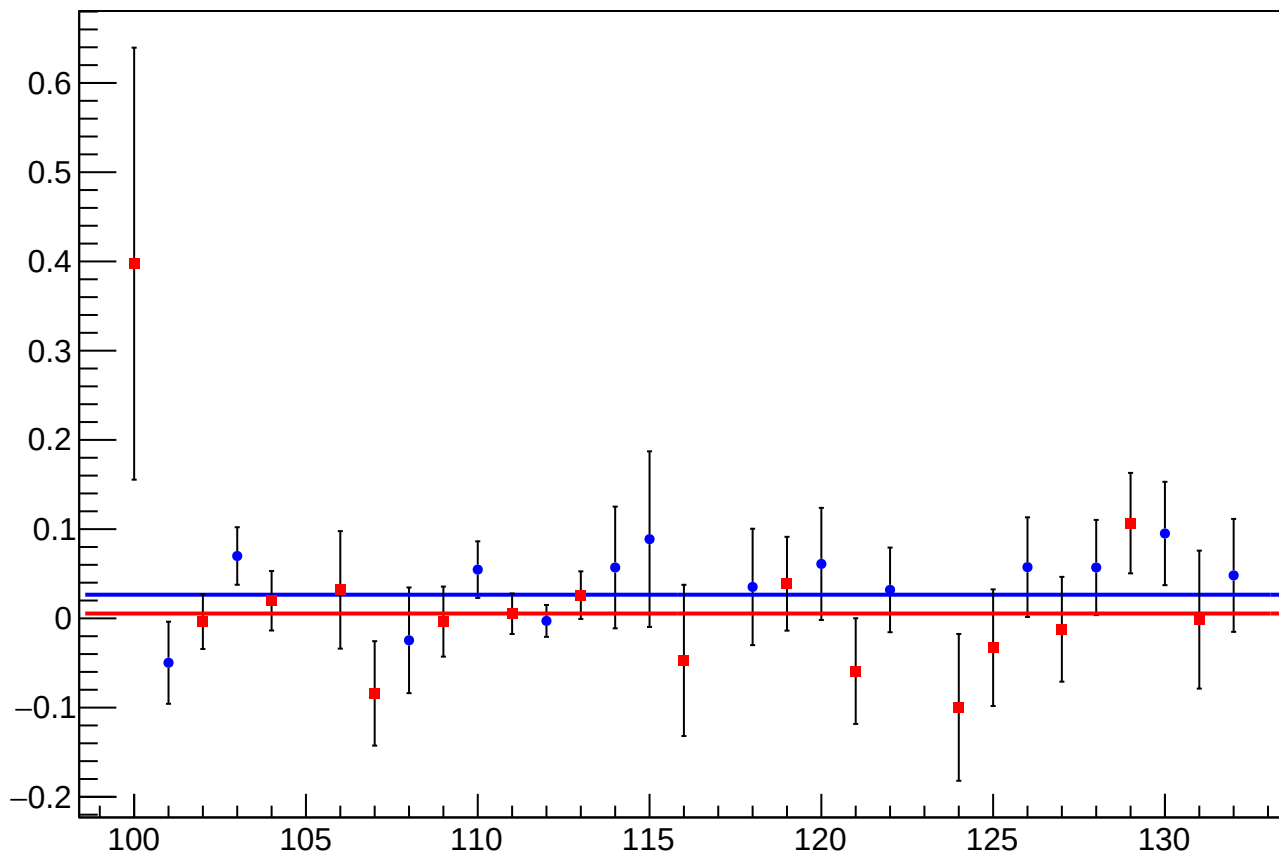
Right: 0.000+/-0.000 χ^2/NDF : 1925324.9/29

In: 0.000+/-0.000 χ^2/NDF : 1231356.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1925324.9/29

asym_sam_1548_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.027 $\pm$ 0.011 χ^2 /NDF: 11.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.011 χ^2 /NDF: 13.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

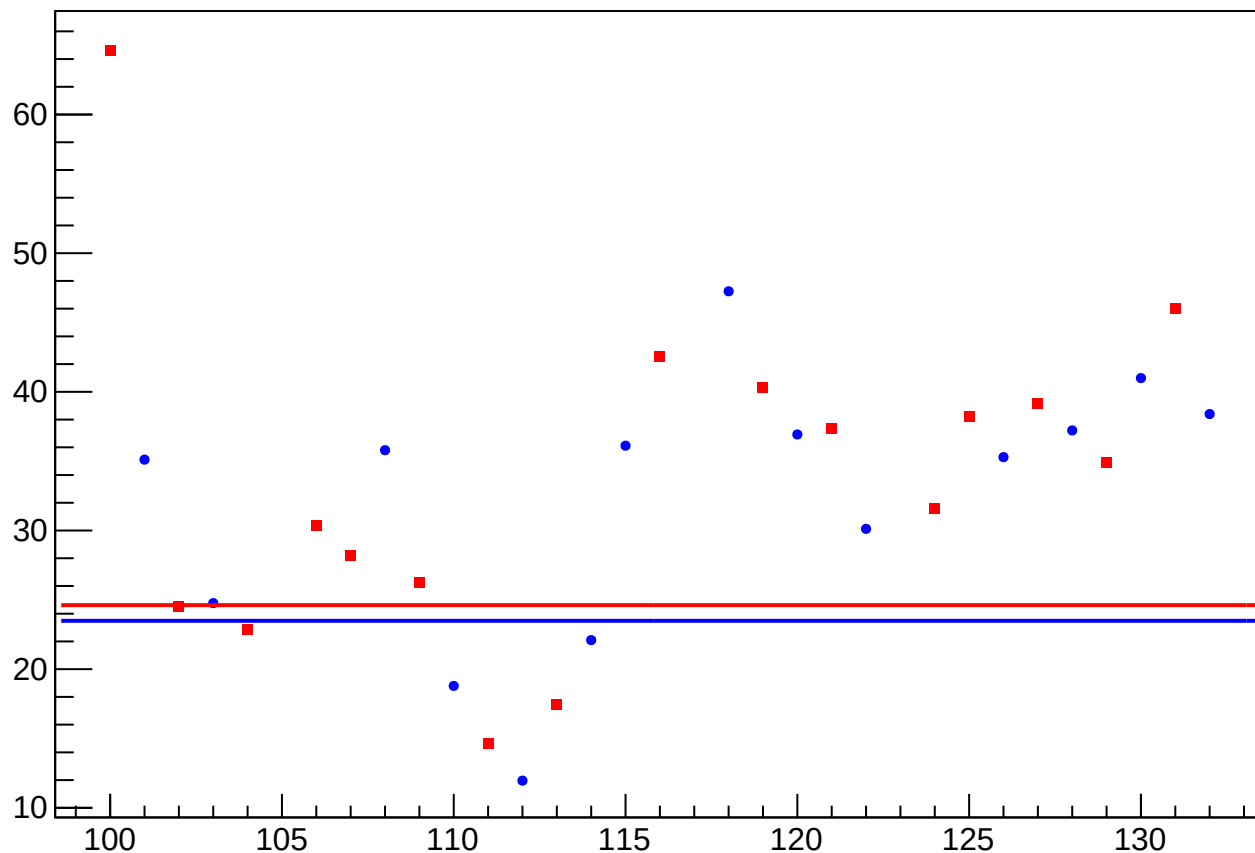
Right: 0.016 $\pm$ 0.008 χ^2 /NDF: 27.1/29

In: 0.027 $\pm$ 0.011 χ^2 /NDF:11.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.016 $\pm$ 0.008 χ^2 /NDF: 27.1/29

asym_sam_1548_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.487+/-0.008 χ^2/NDF : 2037970.6/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 24.616+/-0.008 χ^2/NDF : 1423593.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

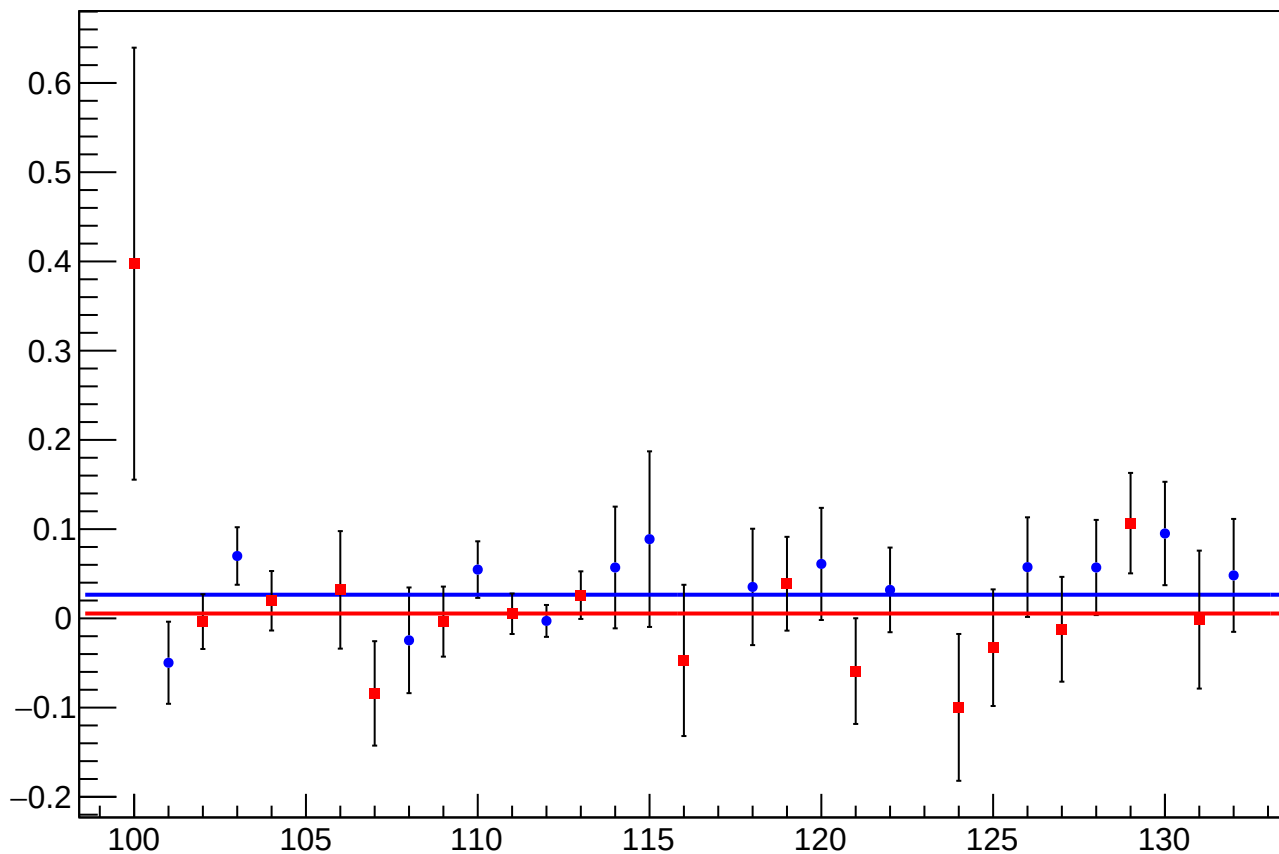
Right: 24.056+/-0.005 χ^2/NDF : 3472235.6/29

In: 23.487+/-0.008 χ^2/NDF :2037970.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 24.056+/-0.005 χ^2/NDF : 3472235.6/29

asym_sam_1548_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.027 $\pm$ 0.011 χ^2 /NDF: 11.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.011 χ^2 /NDF: 13.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

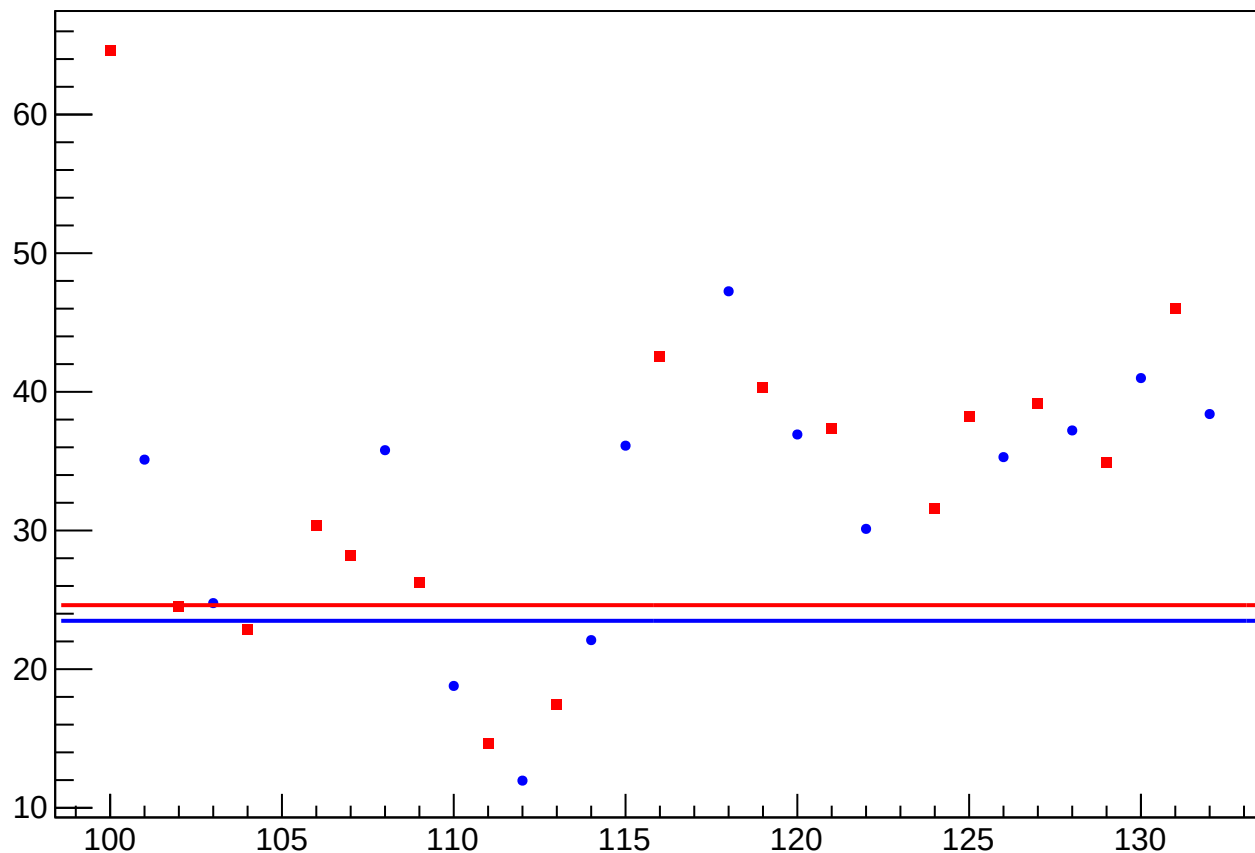
Right: 0.016 $\pm$ 0.008 χ^2 /NDF: 27.1/29

In: 0.027 $\pm$ 0.011 χ^2 /NDF:11.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.016 $\pm$ 0.008 χ^2 /NDF: 27.1/29

asym_sam_1548_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.487+/-0.008 χ^2/NDF : 2037970.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.616+/-0.008 χ^2/NDF : 1423593.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

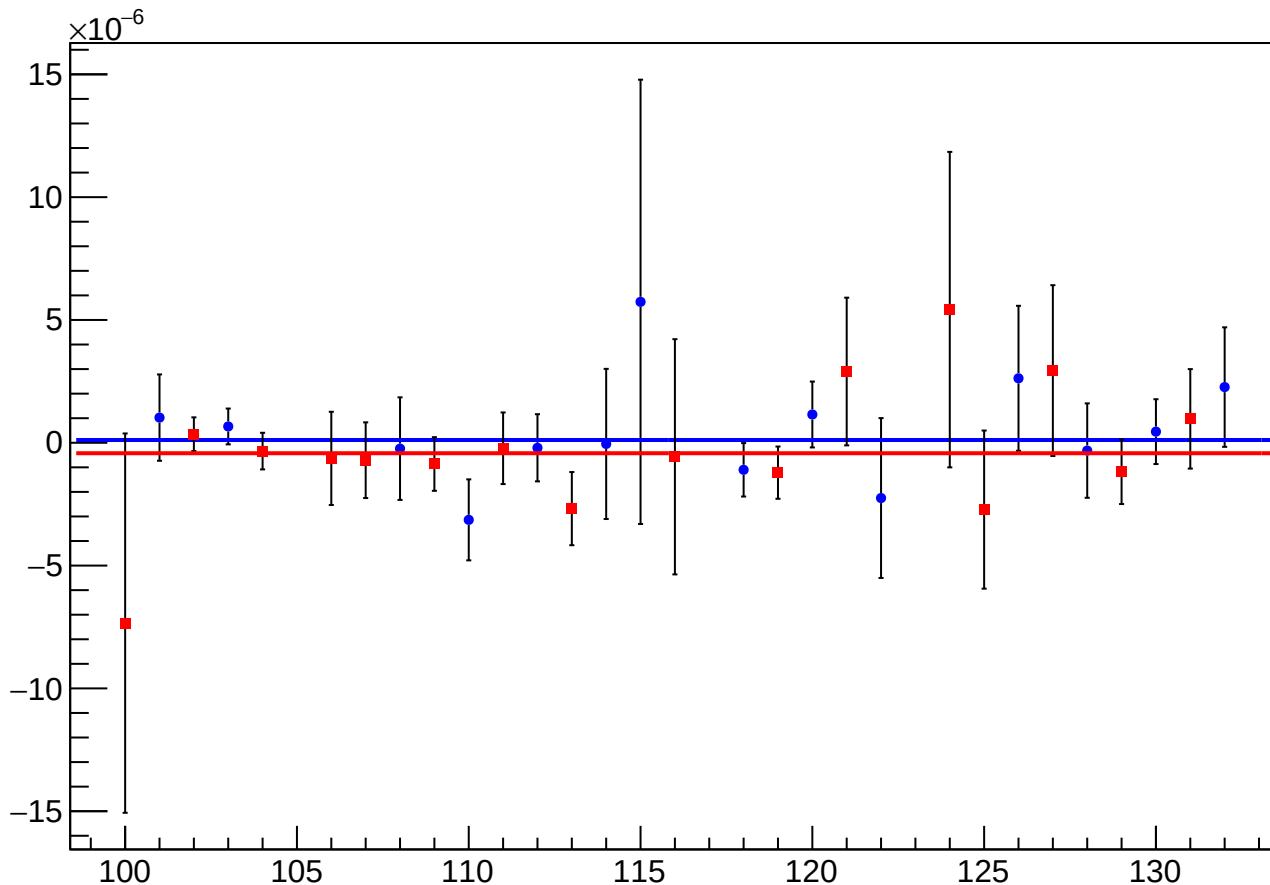
Right: 24.056+/-0.005 χ^2/NDF : 3472235.6/29

In: 23.487+/-0.008 χ^2/NDF : 2037970.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.056+/-0.005 χ^2/NDF : 3472235.6/29

asym_sam_1548_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

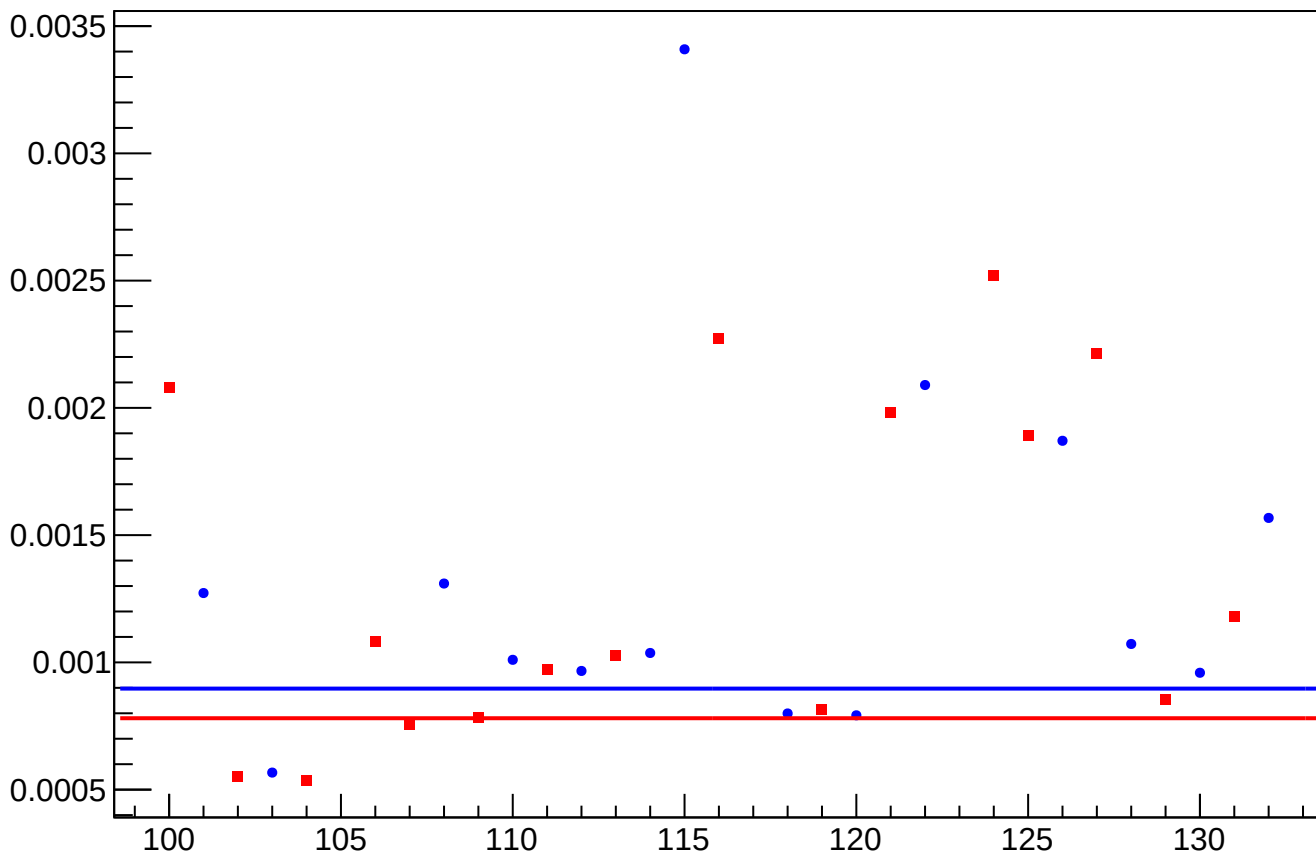
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 19.7/29

In: 0.000 $\pm$ 0.000 χ^2 /NDF:9.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 19.7/29

asym_sam_1548_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1439898.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1964208.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

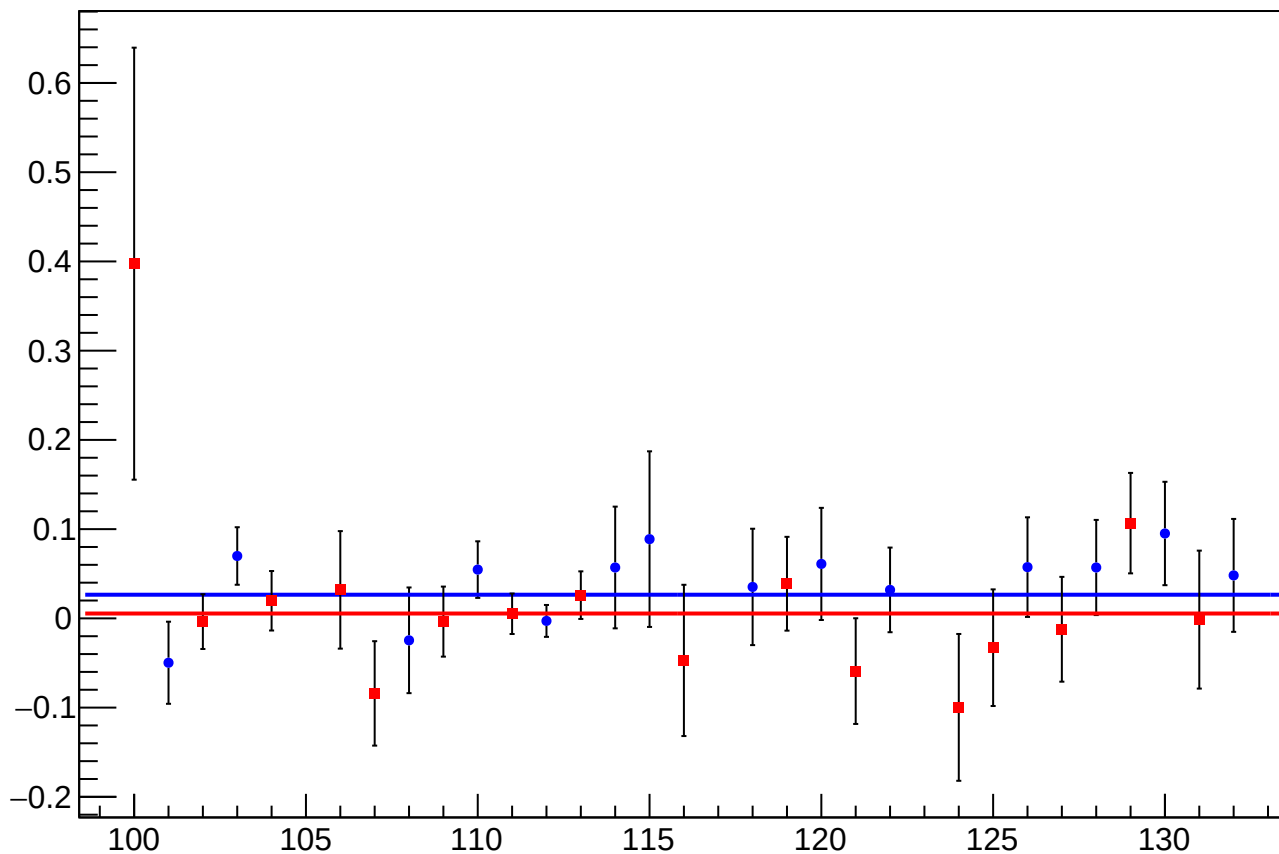
Right: 0.001+/-0.000 χ^2/NDF : 3500071.7/29

In: 0.001+/-0.000 χ^2/NDF :1439898.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3500071.7/29

asym_sam_1548_avg_eigen_dit_vs_slug, Sign Corrected



Right In: 0.027 $\pm$ 0.011 χ^2 /NDF: 11.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.011 χ^2 /NDF: 13.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

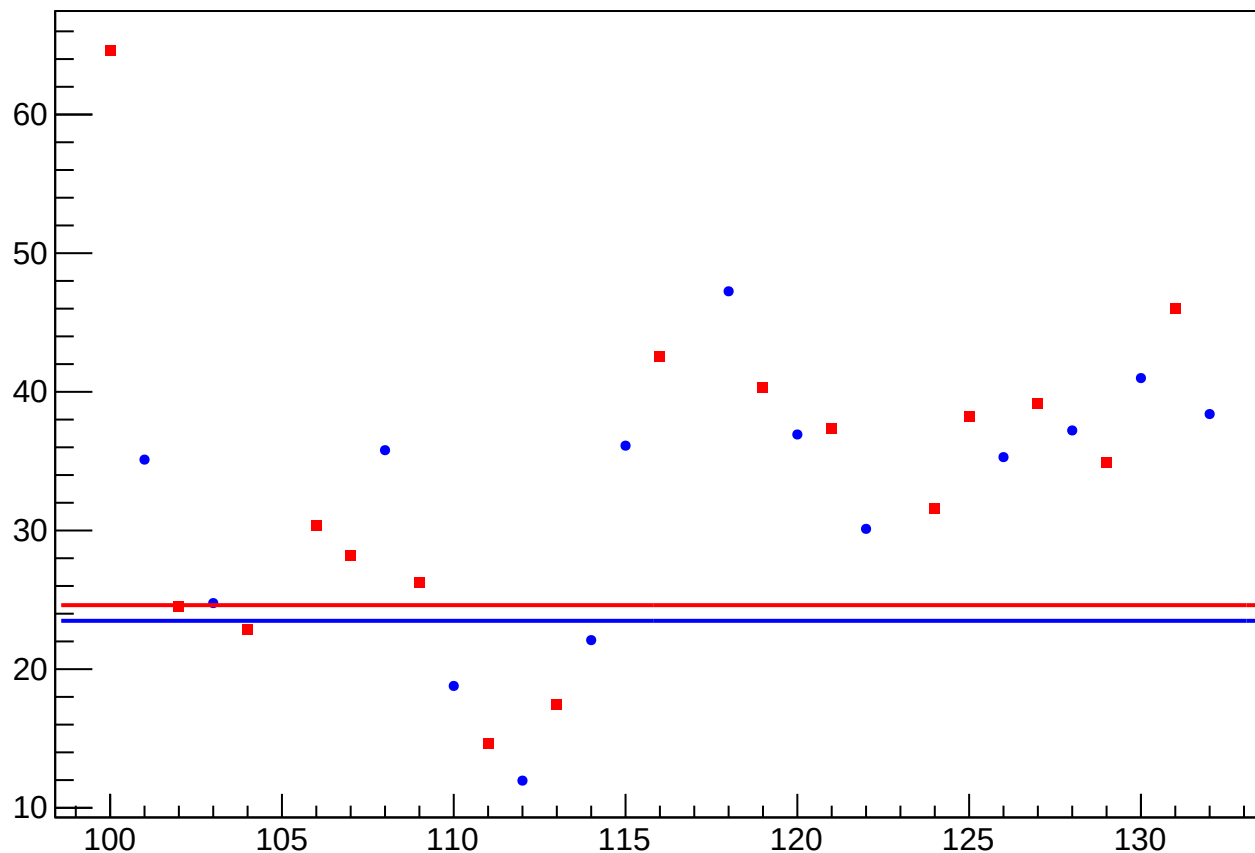
Right: 0.016 $\pm$ 0.008 χ^2 /NDF: 27.1/29

In: 0.027 $\pm$ 0.011 χ^2 /NDF:11.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.016 $\pm$ 0.008 χ^2 /NDF: 27.1/29

asym_sam_1548_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.487+/-0.008 χ^2/NDF : 2038124.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.616+/-0.008 χ^2/NDF : 1423709.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

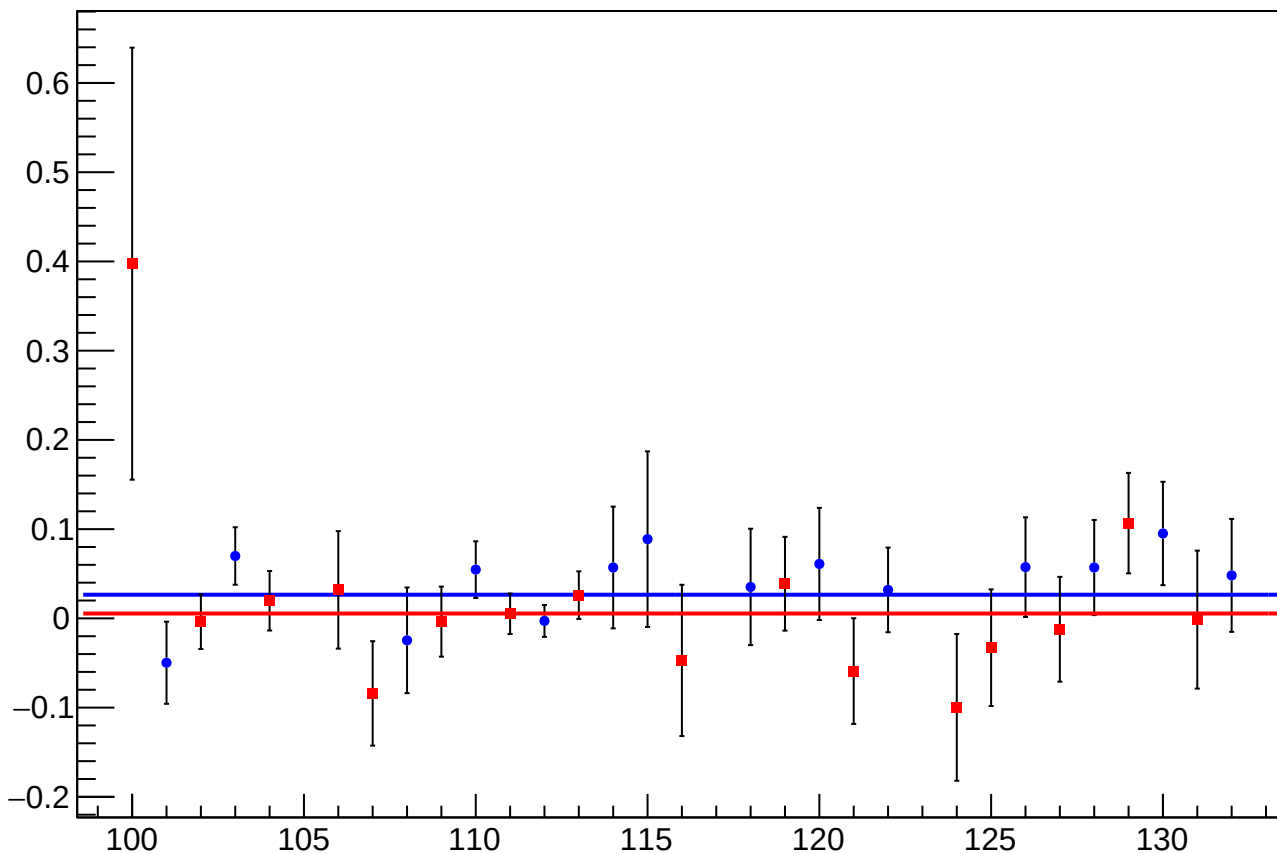
Right: 24.056+/-0.005 χ^2/NDF : 3472509.1/29

In: 23.487+/-0.008 χ^2/NDF : 2038124.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.056+/-0.005 χ^2/NDF : 3472509.1/29

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.027 $\pm$ 0.011 χ^2 /NDF: 11.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.011 χ^2 /NDF: 13.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

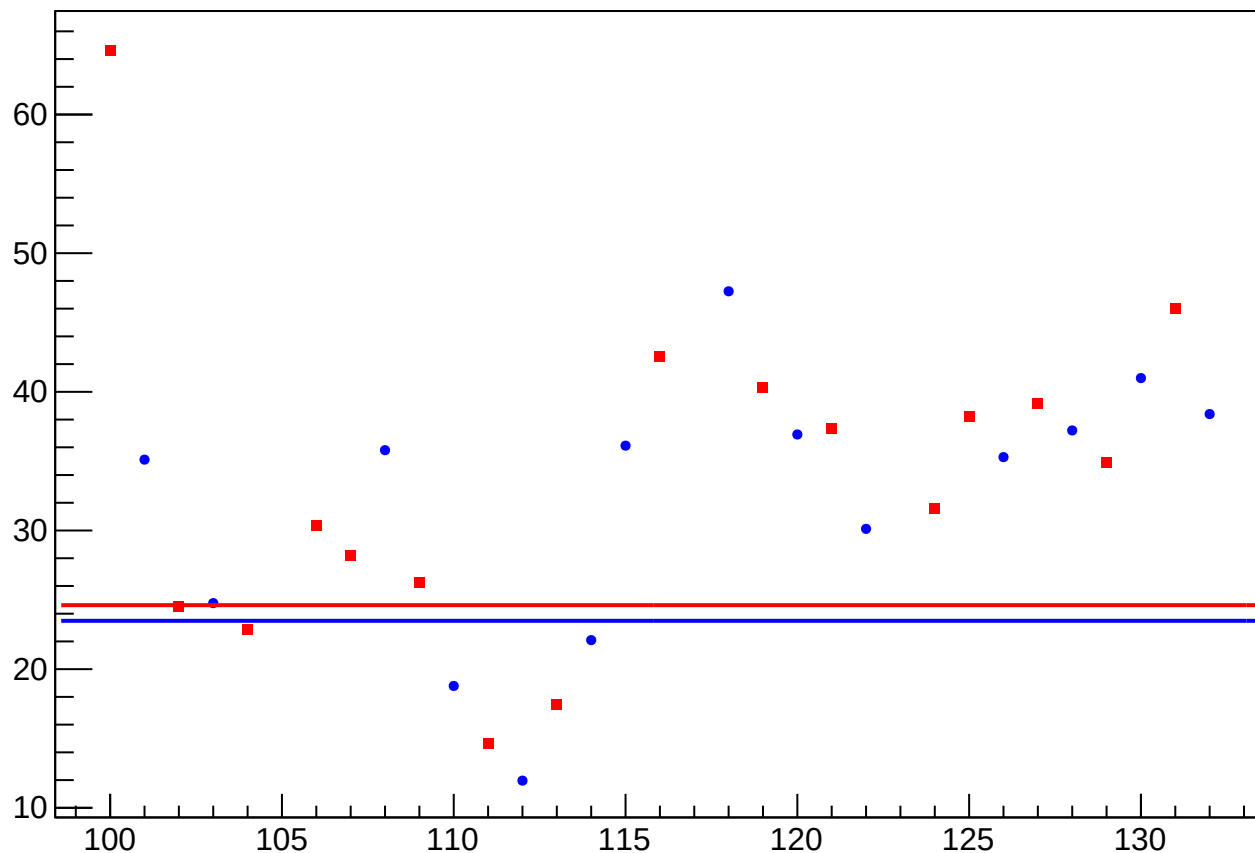
Right: 0.016 $\pm$ 0.008 χ^2 /NDF: 27.1/29

In: 0.027 $\pm$ 0.011 χ^2 /NDF:11.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.016 $\pm$ 0.008 χ^2 /NDF: 27.1/29

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.487+/-0.008 χ^2/NDF : 2038124.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.616+/-0.008 χ^2/NDF : 1423709.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

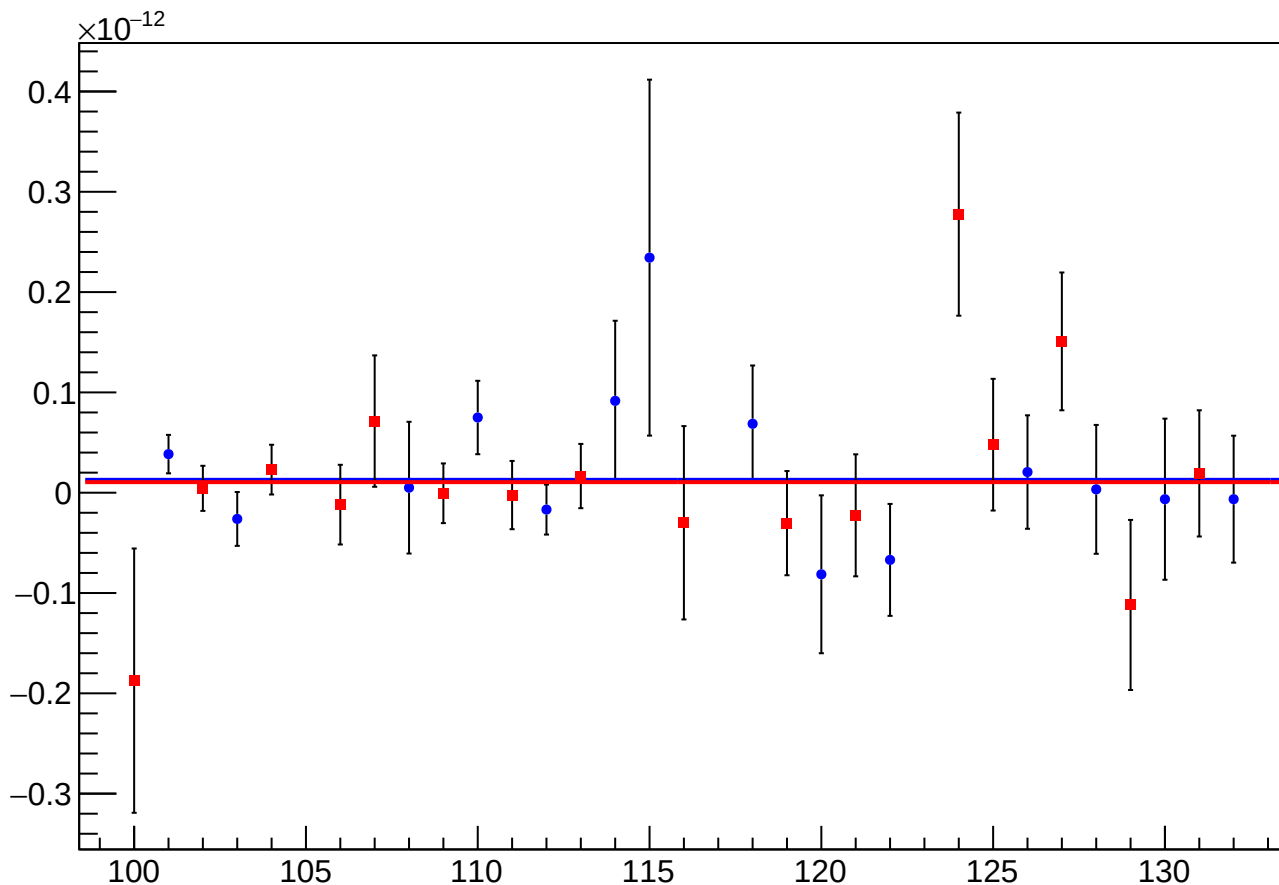
Right: 24.056+/-0.005 χ^2/NDF : 3472509.1/29

In: 23.487+/-0.008 χ^2/NDF : 2038124.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.056+/-0.005 χ^2/NDF : 3472509.1/29

asym_sam_1548_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

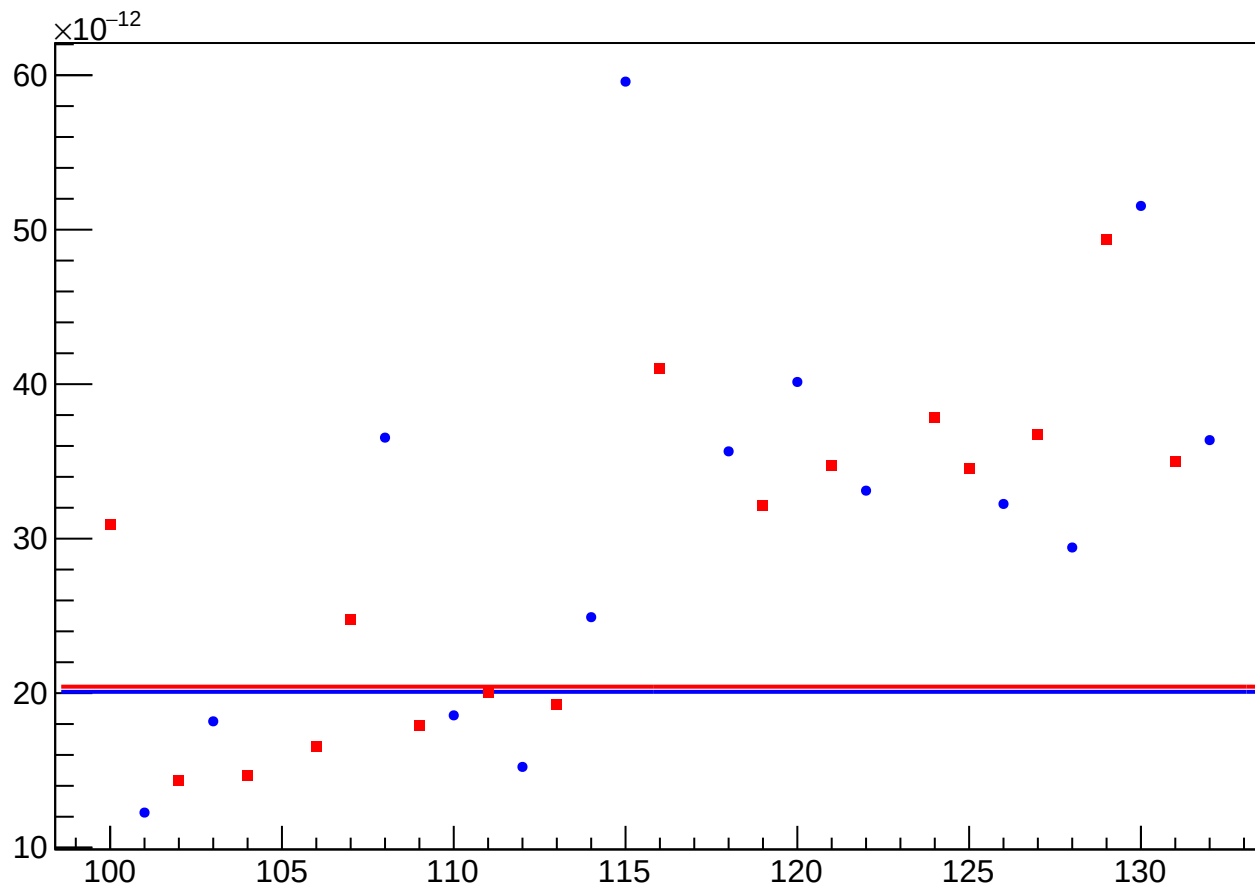
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 34.1/29

In: 0.000 $\pm$ 0.000 χ^2 /NDF:15.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 34.1/29

asym_sam_1548_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1610300.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1223145.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

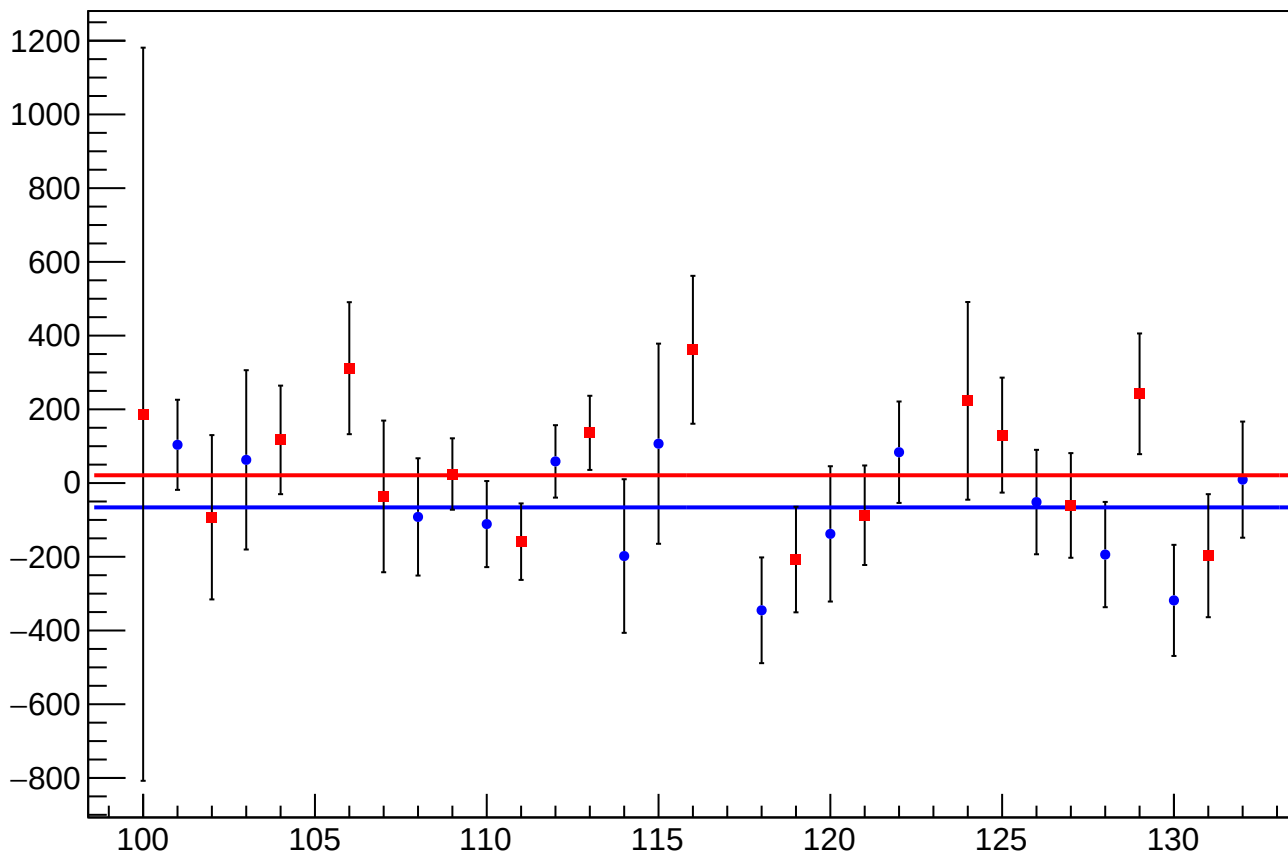
Right: 0.000+/-0.000 χ^2/NDF : 2834439.7/29

In: 0.000+/-0.000 χ^2/NDF : 1610300.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2834439.7/29

reg_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -65.997 ± 39.186 χ^2/NDF : 13.8/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 21.126 ± 37.093 χ^2/NDF : 18.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

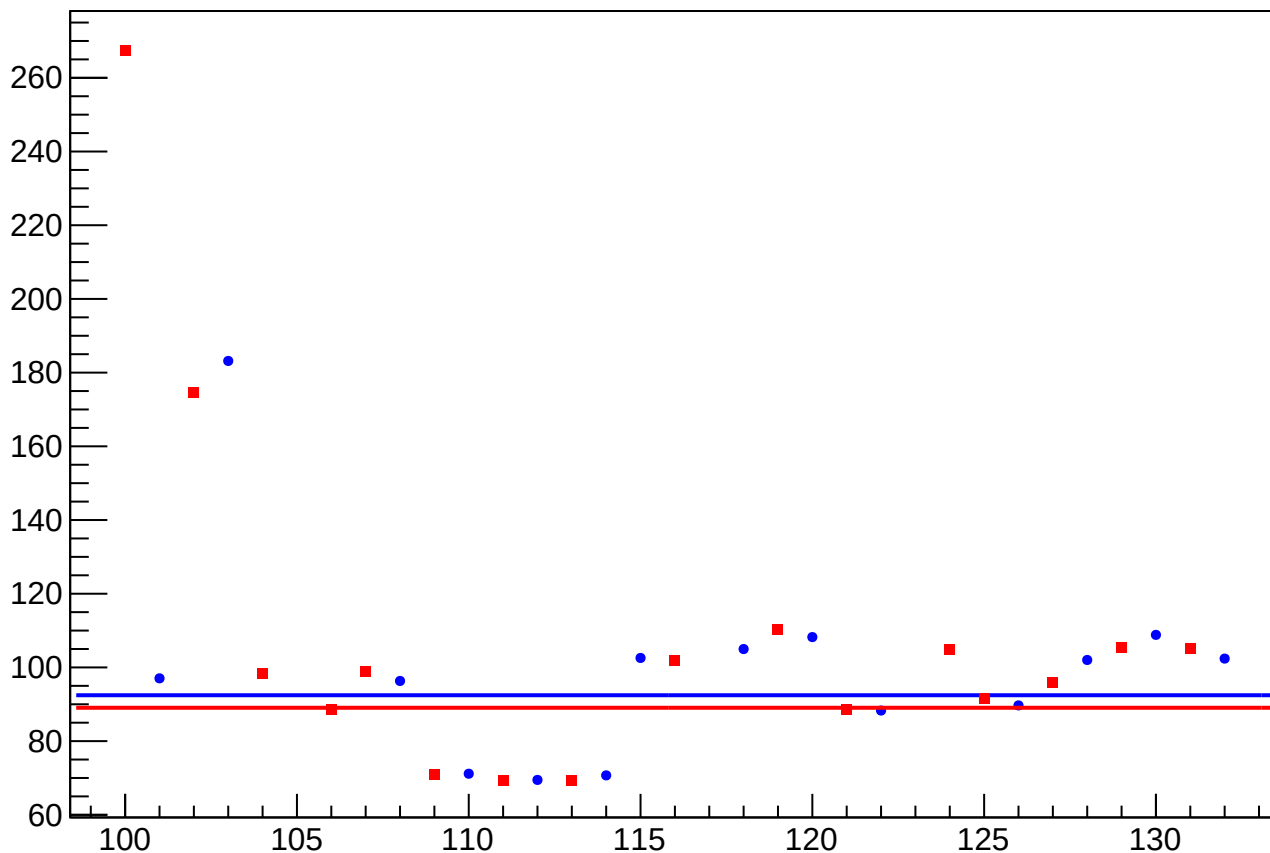
Right: -20.047 ± 26.938 χ^2/NDF : 35.1/29

In: -65.997 ± 39.186 χ^2/NDF : 13.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -20.047 ± 26.938 χ^2/NDF : 35.1/29

reg_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 92.452+/-0.028 χ^2/NDF : 555994.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.052+/-0.026 χ^2/NDF : 694278.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

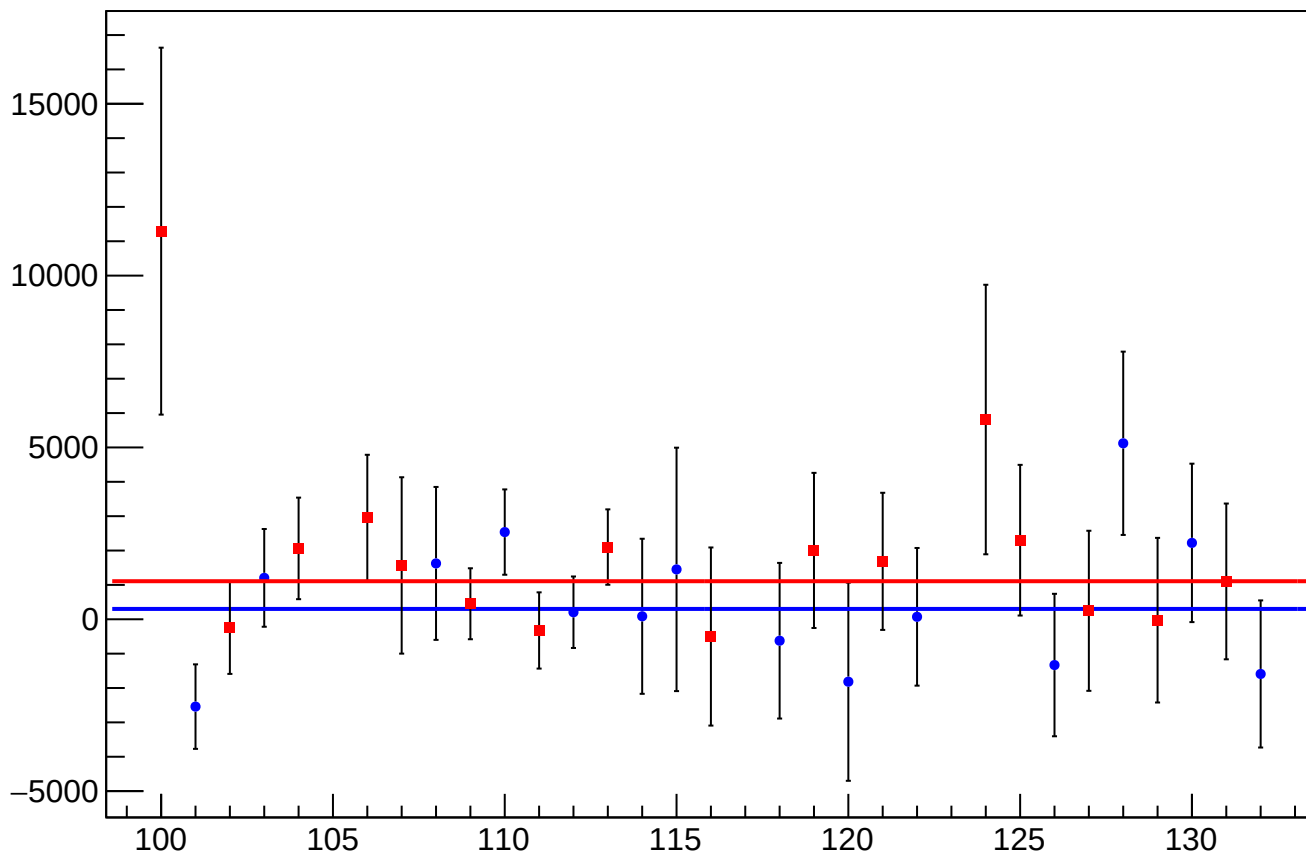
Right: 90.659+/-0.019 χ^2/NDF : 1258212.6/29

In: 92.452+/-0.028 χ^2/NDF : 555994.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.659+/-0.019 χ^2/NDF : 1258212.6/29

asym_sam_3748_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 301.112+/-468.740 χ^2/NDF : 15.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1107.510+/-426.612 χ^2/NDF : 11.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

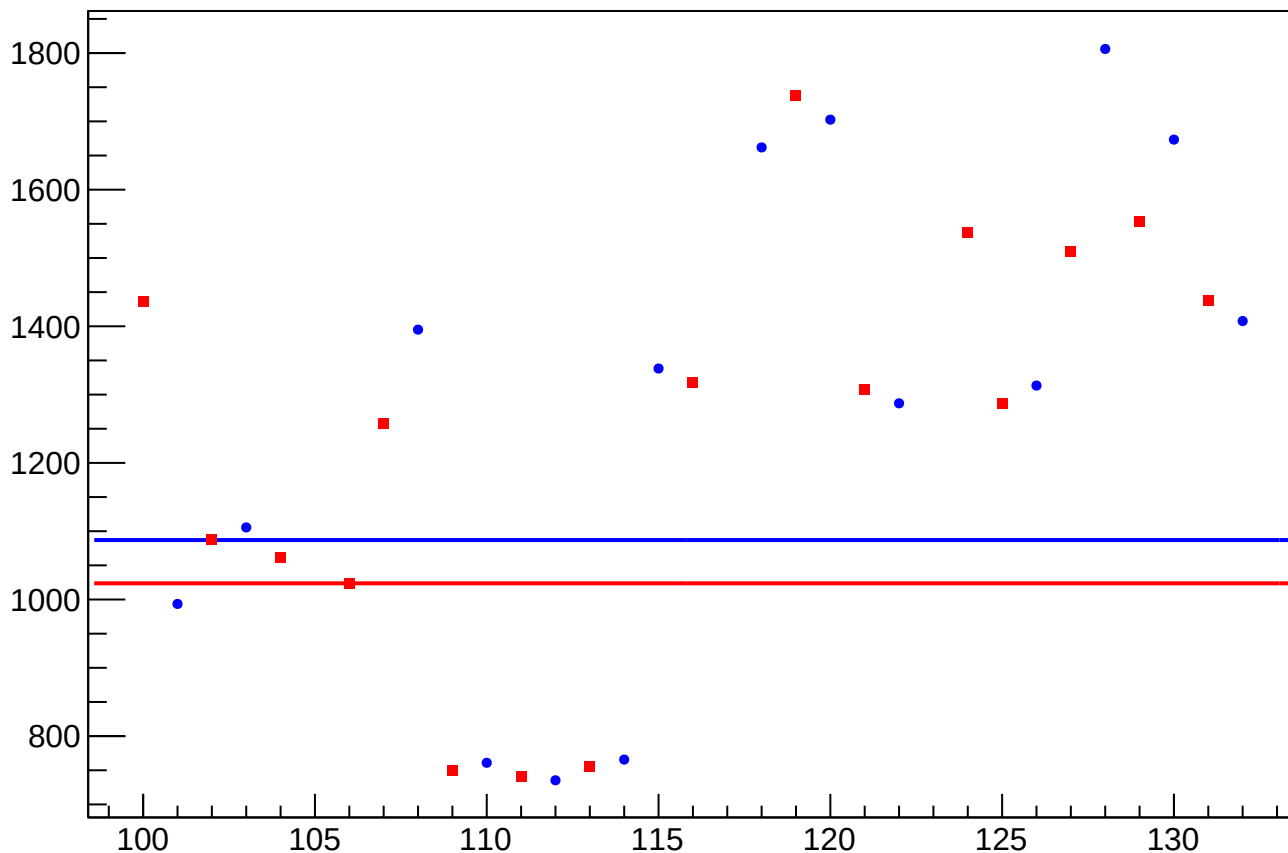
Right: 742.170+/-315.505 χ^2/NDF : 28.9/29

In: 301.112+/-468.740 χ^2/NDF : 15.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 742.170+/-315.505 χ^2/NDF : 28.9/29

asym_sam_3748_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1087.016+/-0.331 χ^2/NDF : 1050933.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1023.704+/-0.302 χ^2/NDF : 1005812.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

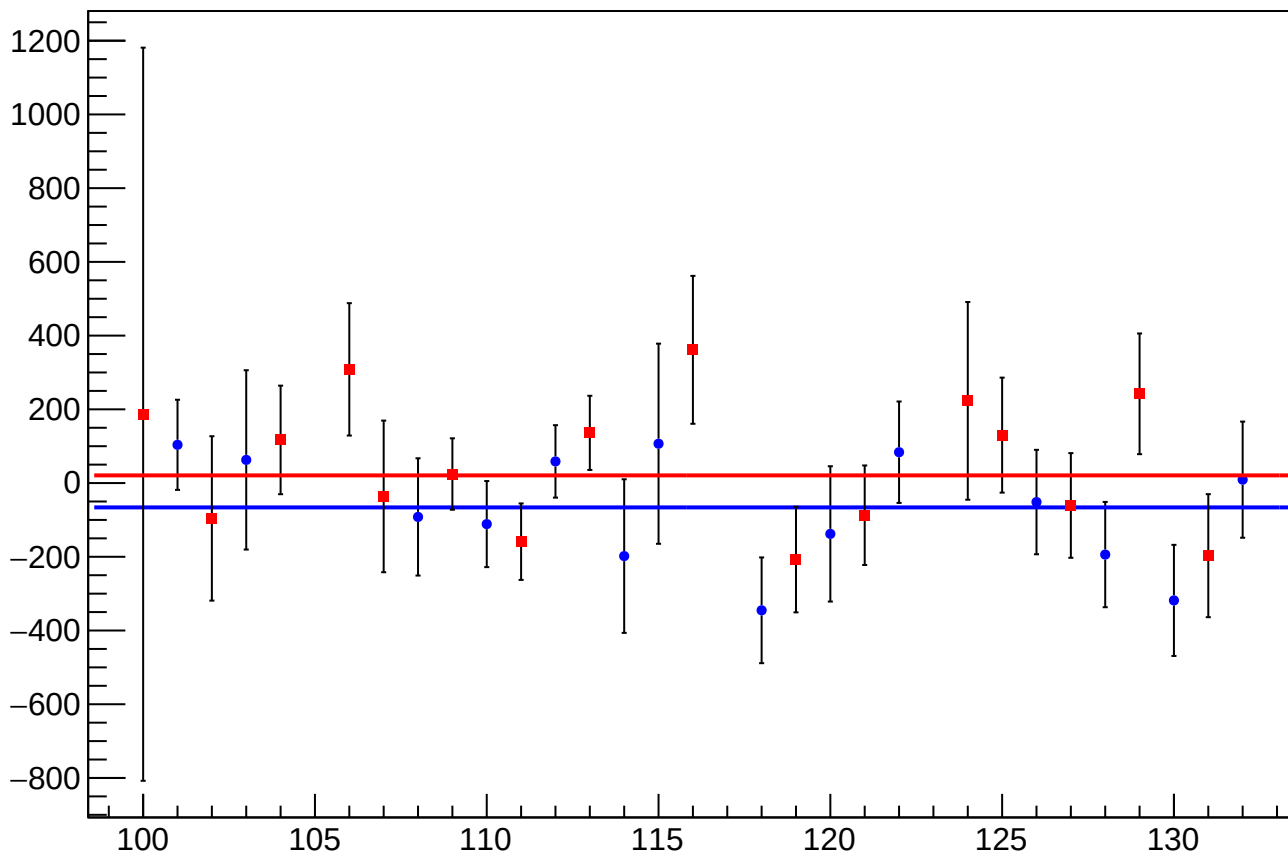
Right: 1052.388+/-0.223 χ^2/NDF : 2076702.8/29

In: 1087.016+/-0.331 χ^2/NDF : 1050933.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1052.388+/-0.223 χ^2/NDF : 2076702.8/29

cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -66.015 $\pm$ 39.186 χ^2 /NDF: 13.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 20.827 $\pm$ 37.098 χ^2 /NDF: 18.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

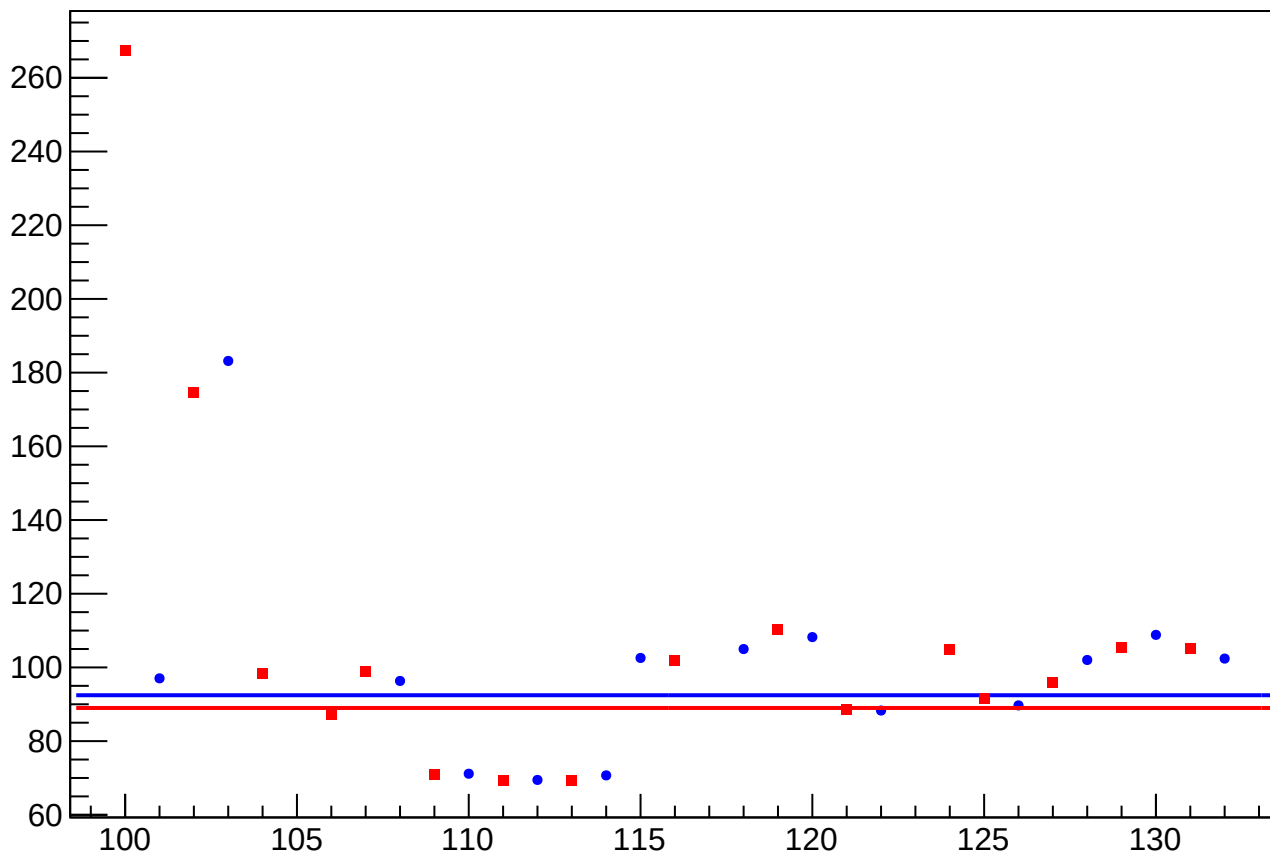
Right: -20.220 $\pm$ 26.940 χ^2 /NDF: 35.0/29

In: -66.015 $\pm$ 39.186 χ^2 /NDF:13.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -20.220 $\pm$ 26.940 χ^2 /NDF: 35.0/29

cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 92.452+/-0.028 χ^2/NDF : 555998.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.996+/-0.026 χ^2/NDF : 694692.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

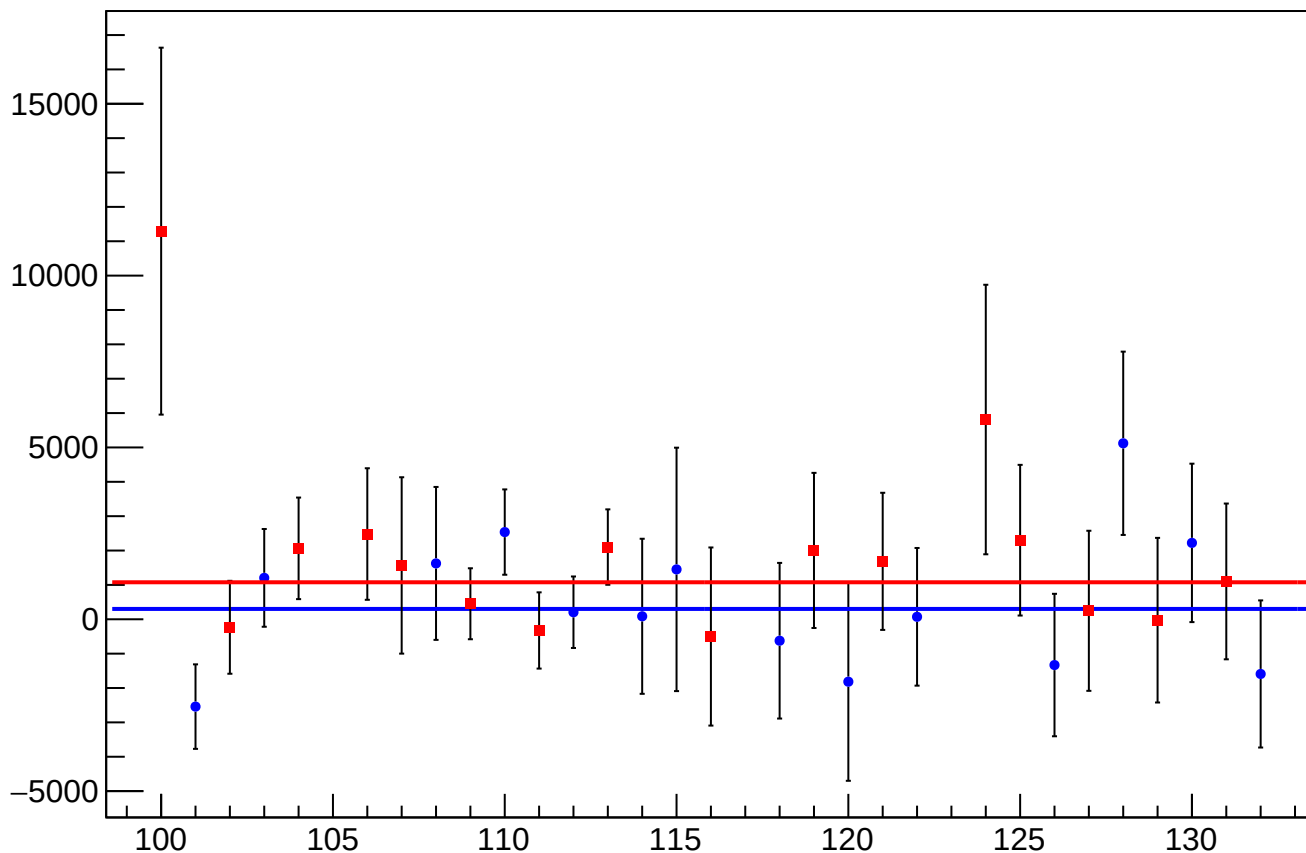
Right: 90.630+/-0.019 χ^2/NDF : 1258891.4/29

In: 92.452+/-0.028 χ^2/NDF : 555998.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.630+/-0.019 χ^2/NDF : 1258891.4/29

asym_sam_3748_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 301.094+/-468.745 χ^2/NDF : 15.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1076.659+/-427.587 χ^2/NDF : 11.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

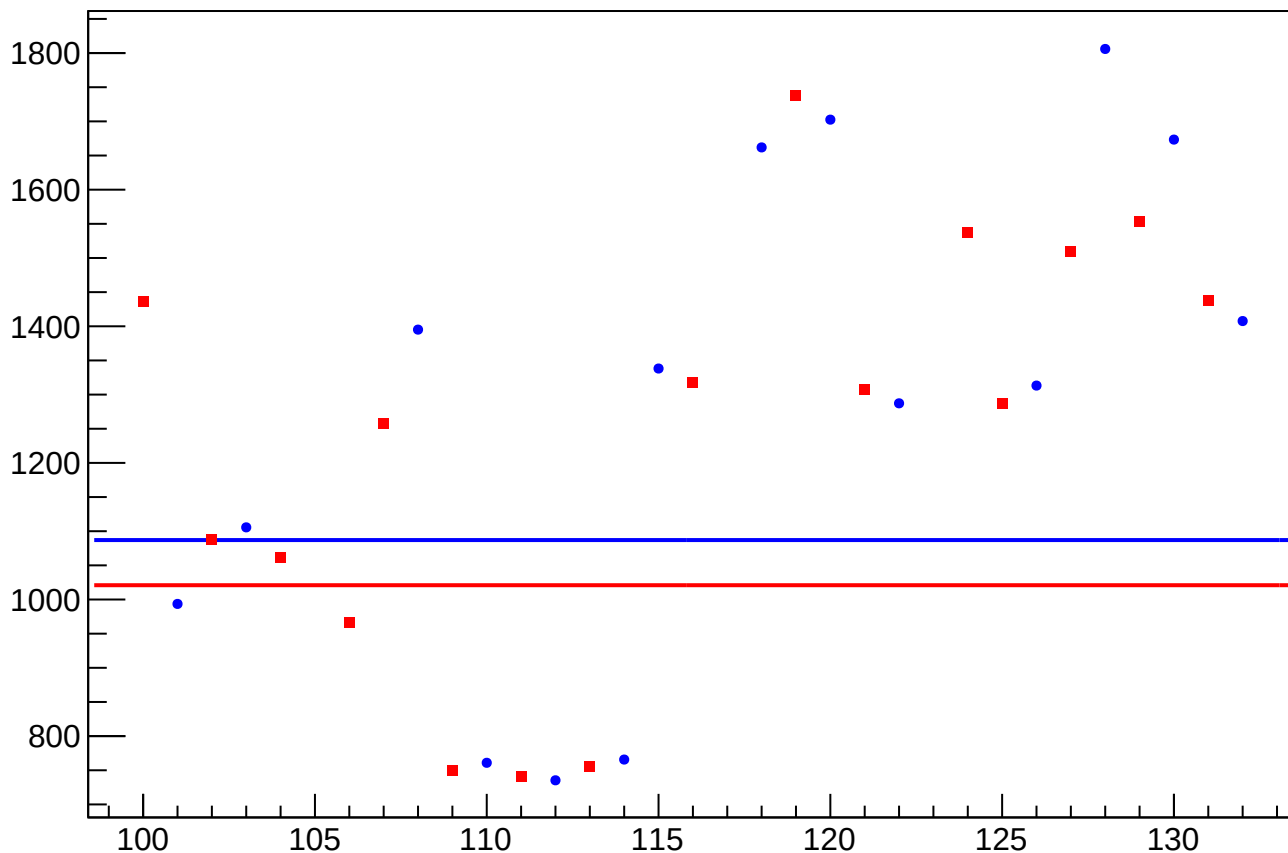
Right: 724.414+/-315.900 χ^2/NDF : 28.2/29

In: 301.094+/-468.745 χ^2/NDF : 15.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 724.414+/-315.900 χ^2/NDF : 28.2/29

asym_sam_3748_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1087.027+/-0.331 χ^2/NDF : 1050938.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1020.932+/-0.302 χ^2/NDF : 1007586.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

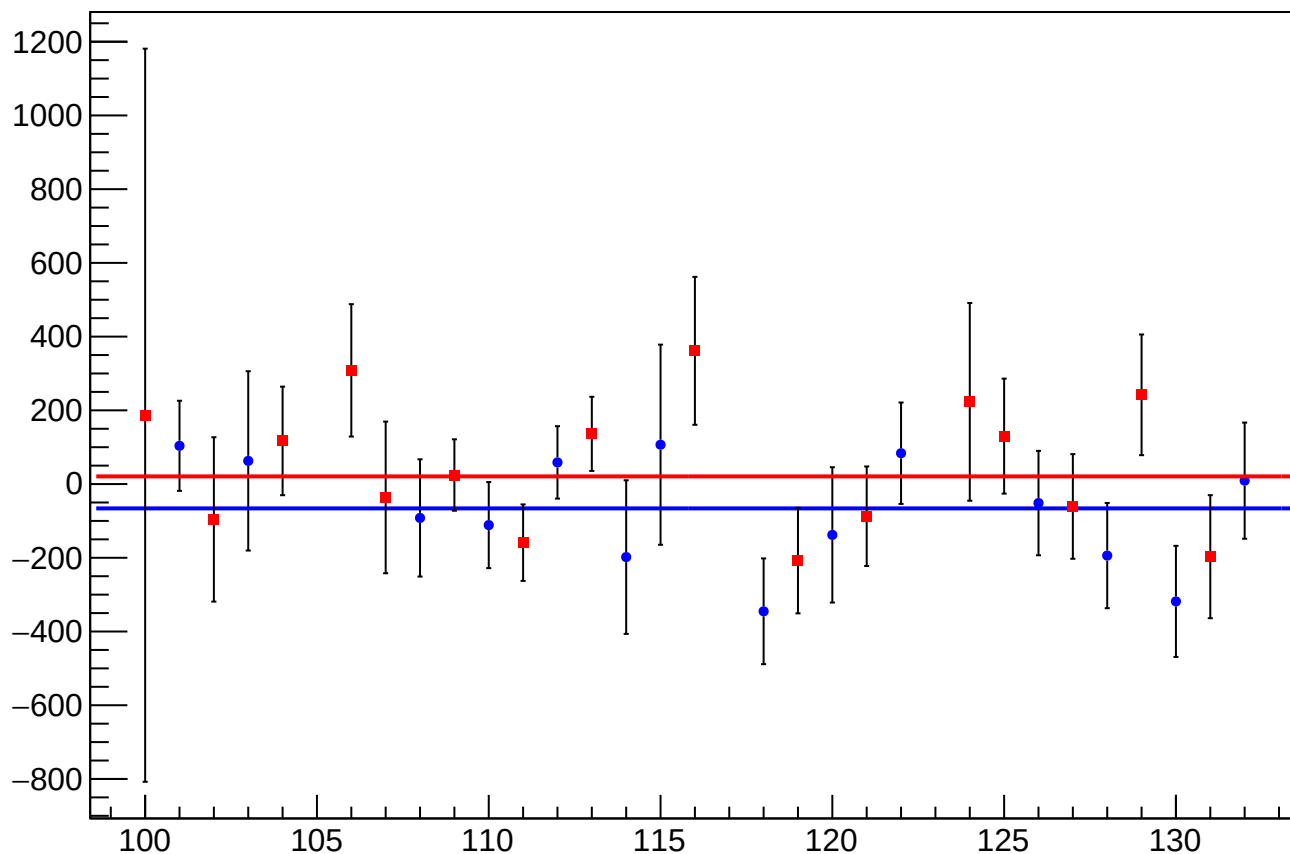
Right: 1050.951+/-0.223 χ^2/NDF : 2080229.7/29

In: 1087.027+/-0.331 χ^2/NDF : 1050938.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1050.951+/-0.223 χ^2/NDF : 2080229.7/29

eigen_cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -66.015+/-39.186 χ^2/NDF : 13.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.827+/-37.098 χ^2/NDF : 18.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

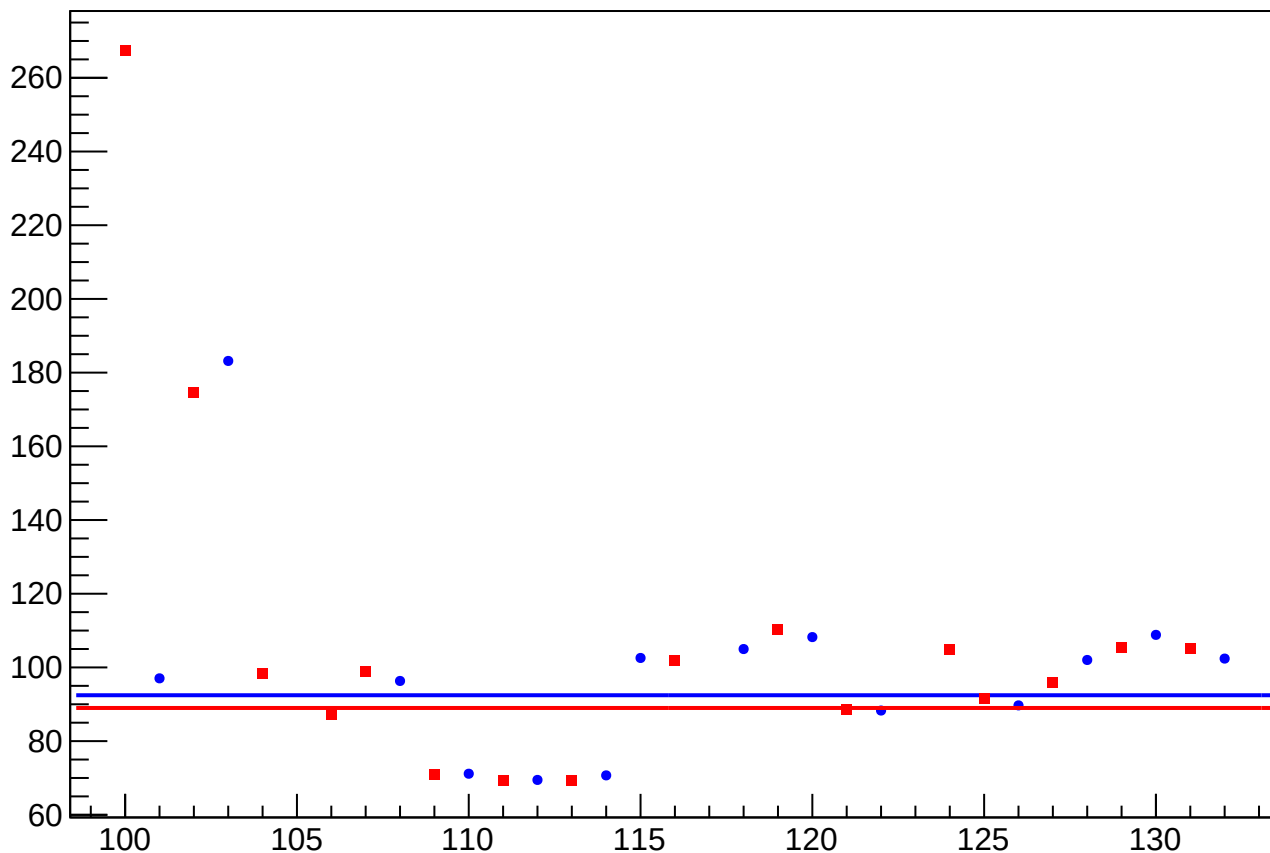
Right: -20.220+/-26.940 χ^2/NDF : 35.0/29

In: -66.015+/-39.186 χ^2/NDF : 13.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.220+/-26.940 χ^2/NDF : 35.0/29

eigen_cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 92.452+/-0.028 χ^2/NDF : 555998.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.996+/-0.026 χ^2/NDF : 694692.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

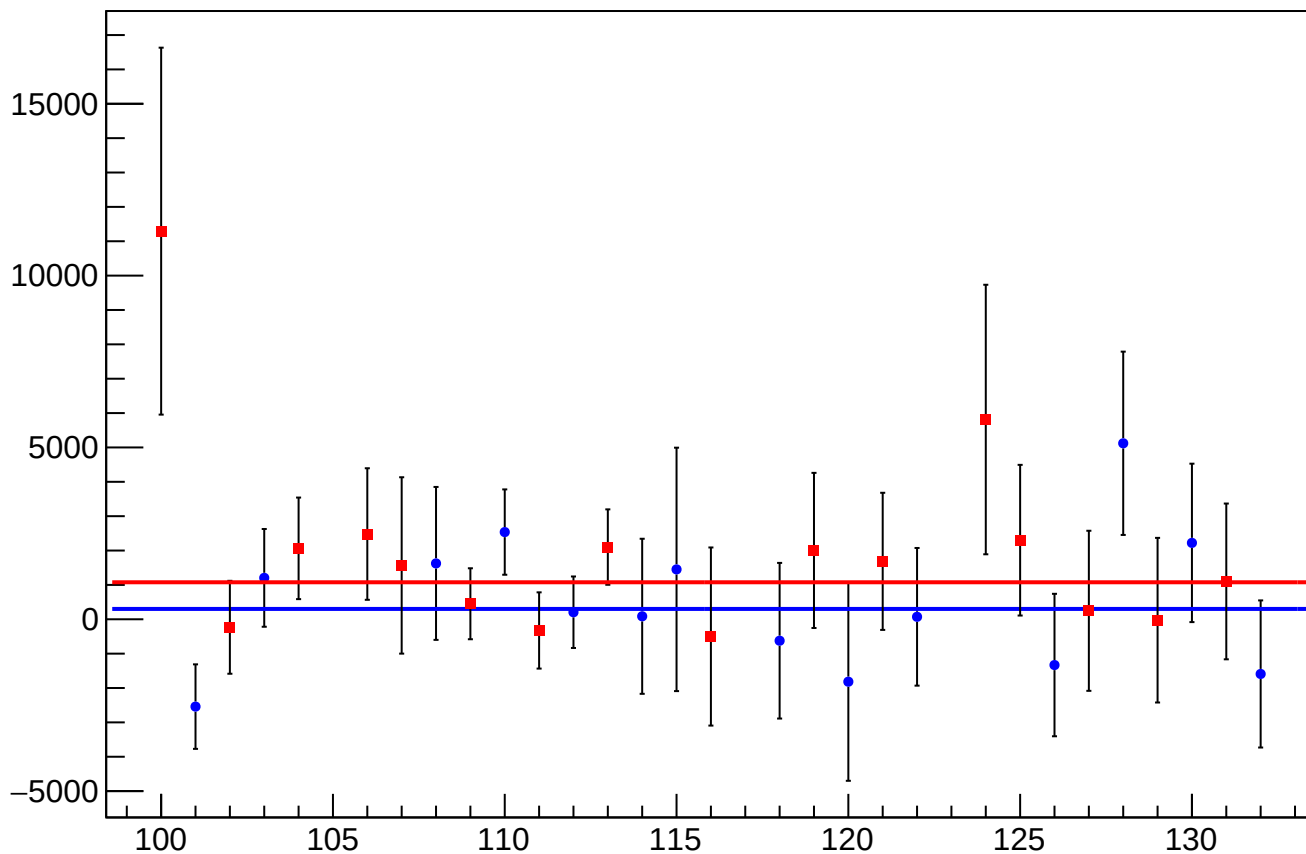
Right: 90.630+/-0.019 χ^2/NDF : 1258891.4/29

In: 92.452+/-0.028 χ^2/NDF : 555998.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.630+/-0.019 χ^2/NDF : 1258891.4/29

asym_sam_3748_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 301.094 $\pm$ 468.745 χ^2 /NDF: 15.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1076.659 $\pm$ 427.587 χ^2 /NDF: 11.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

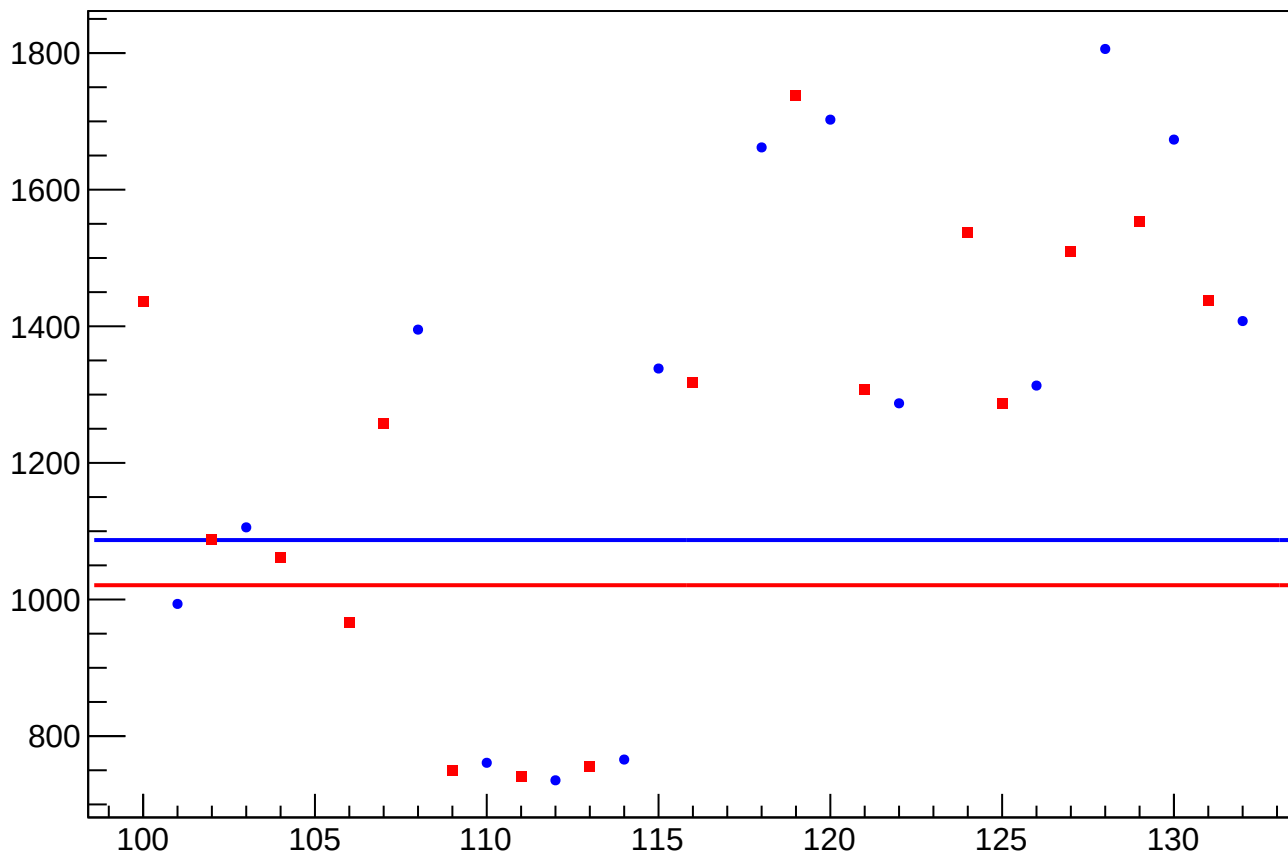
Right: 724.414 $\pm$ 315.900 χ^2 /NDF: 28.2/29

In: 301.094 $\pm$ 468.745 χ^2 /NDF:15.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 724.414 $\pm$ 315.900 χ^2 /NDF: 28.2/29

asym_sam_3748_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1087.027+/-0.331 χ^2/NDF : 1050938.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1020.932+/-0.302 χ^2/NDF : 1007586.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

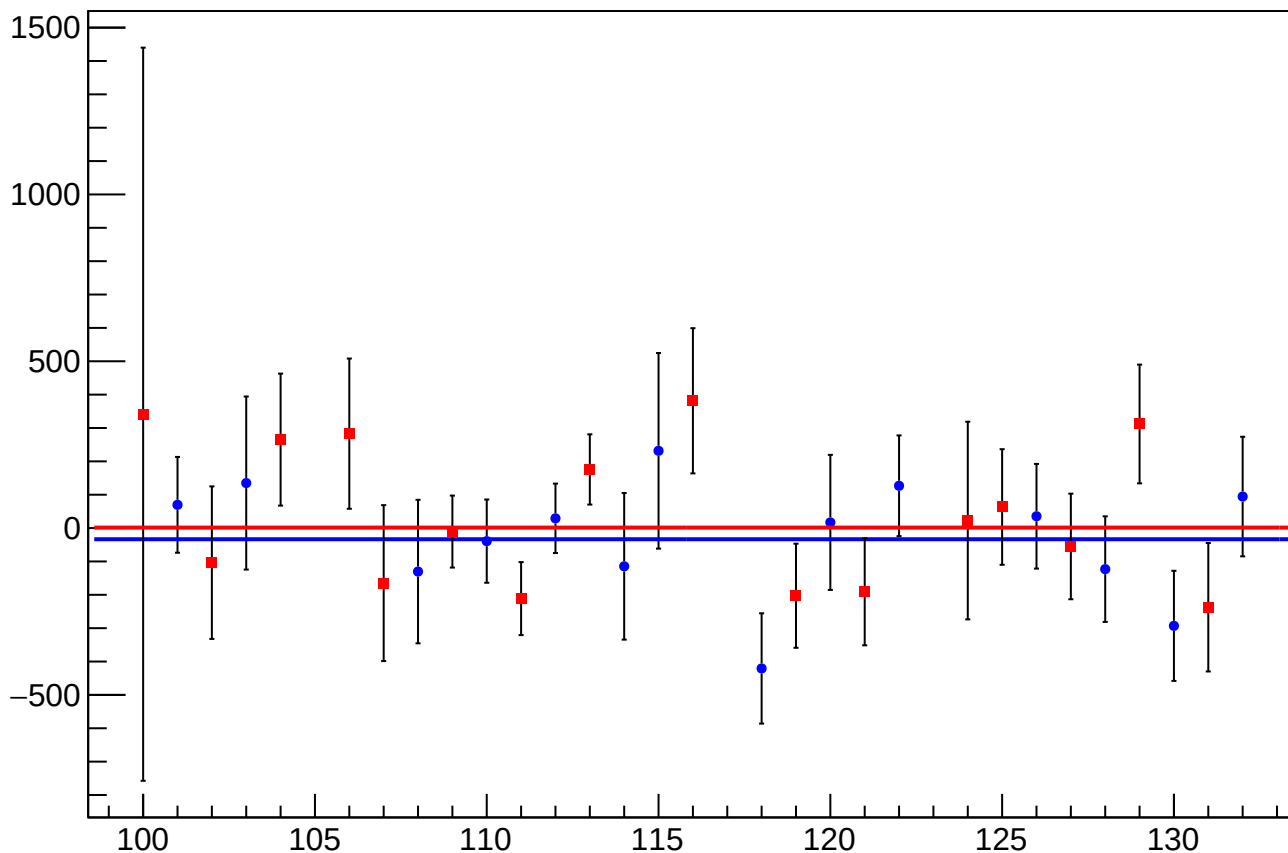
Right: 1050.951+/-0.223 χ^2/NDF : 2080229.7/29

In: 1087.027+/-0.331 χ^2/NDF : 1050938.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1050.951+/-0.223 χ^2/NDF : 2080229.7/29

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -33.433 ± 43.554 χ^2/NDF : 12.6/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.441 ± 41.258 χ^2/NDF : 21.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

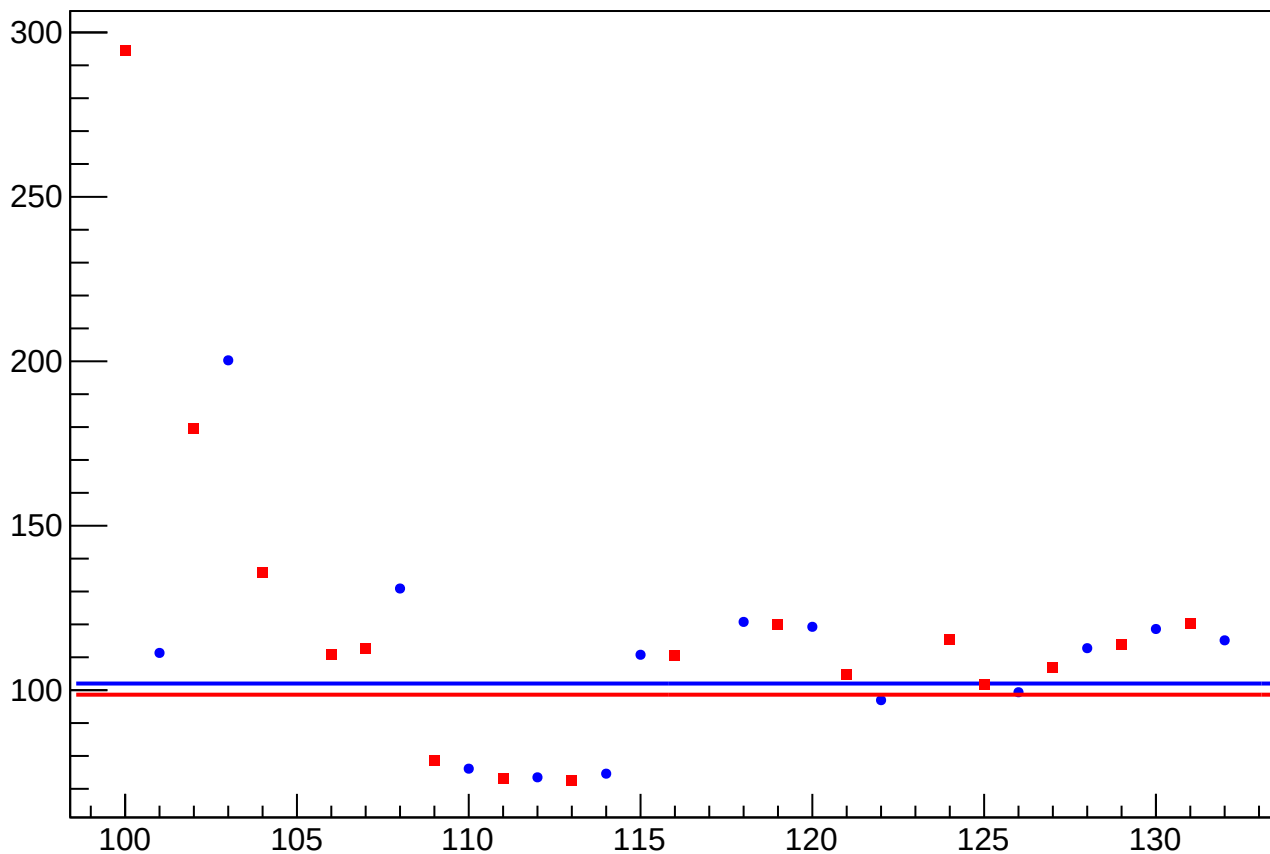
Right: -15.052 ± 29.952 χ^2/NDF : 34.7/29

In: -33.433 ± 43.554 χ^2/NDF : 12.6/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.052 ± 29.952 χ^2/NDF : 34.7/29

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 102.017+/-0.031 χ^2/NDF : 684184.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.625+/-0.029 χ^2/NDF : 799434.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

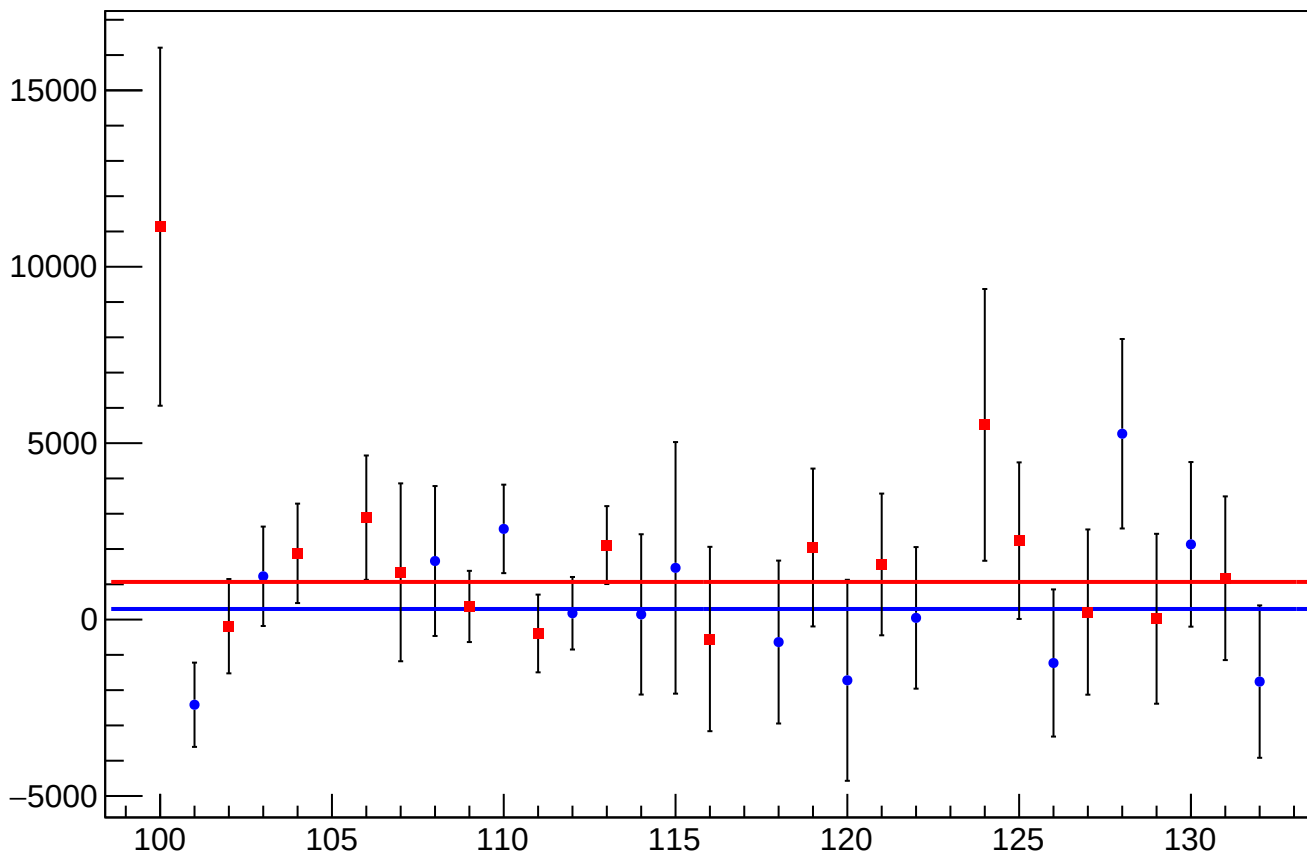
Right: 100.229+/-0.021 χ^2/NDF : 1490012.7/29

In: 102.017+/-0.031 χ^2/NDF : 684184.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.229+/-0.021 χ^2/NDF : 1490012.7/29

asym_sam_3748_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 300.444+/-465.883 χ^2/NDF : 15.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1066.889+/-422.082 χ^2/NDF : 11.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

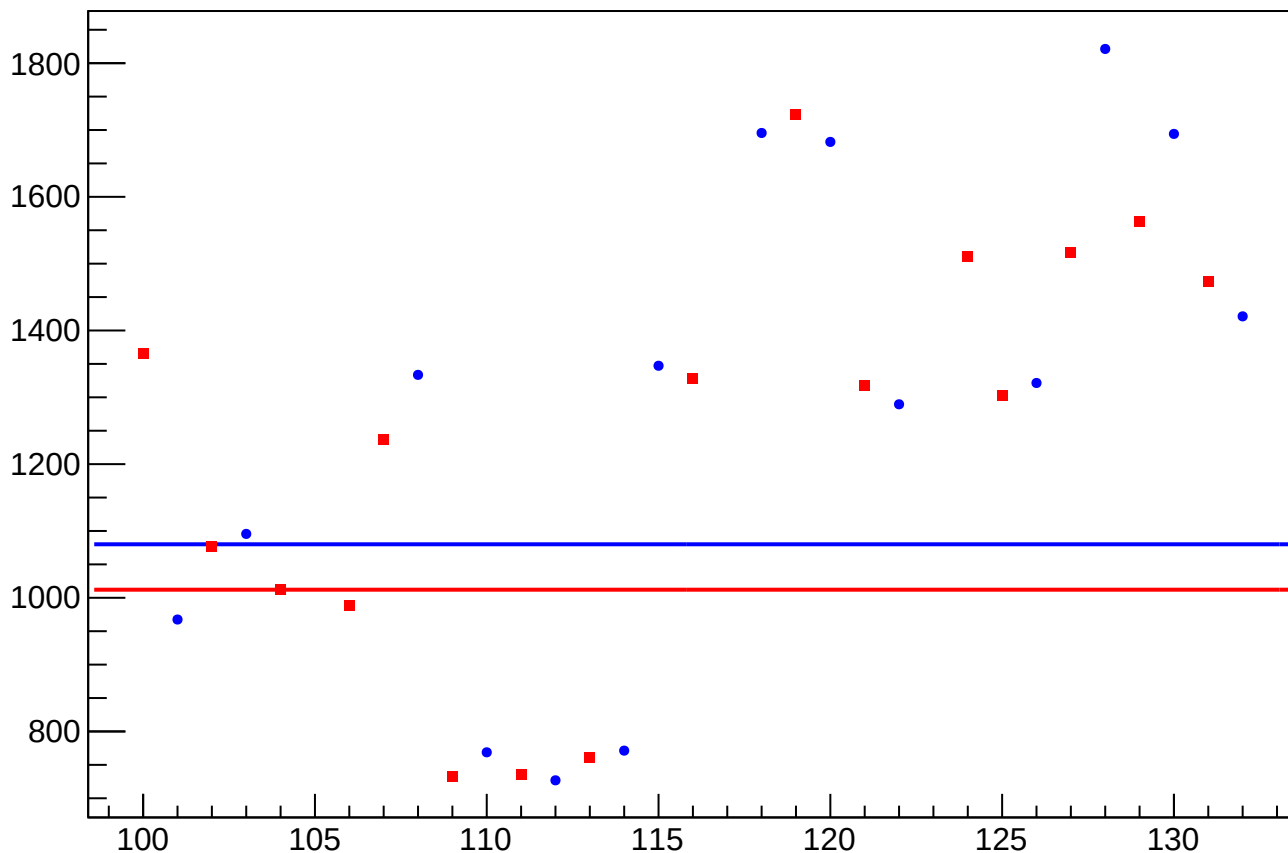
Right: 721.382+/-312.799 χ^2/NDF : 29.0/29

In: 300.444+/-465.883 χ^2/NDF : 15.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 721.382+/-312.799 χ^2/NDF : 29.0/29

asym_sam_3748_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1080.080+/-0.329 χ^2/NDF : 1074995.3/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1012.114+/-0.298 χ^2/NDF : 1034078.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

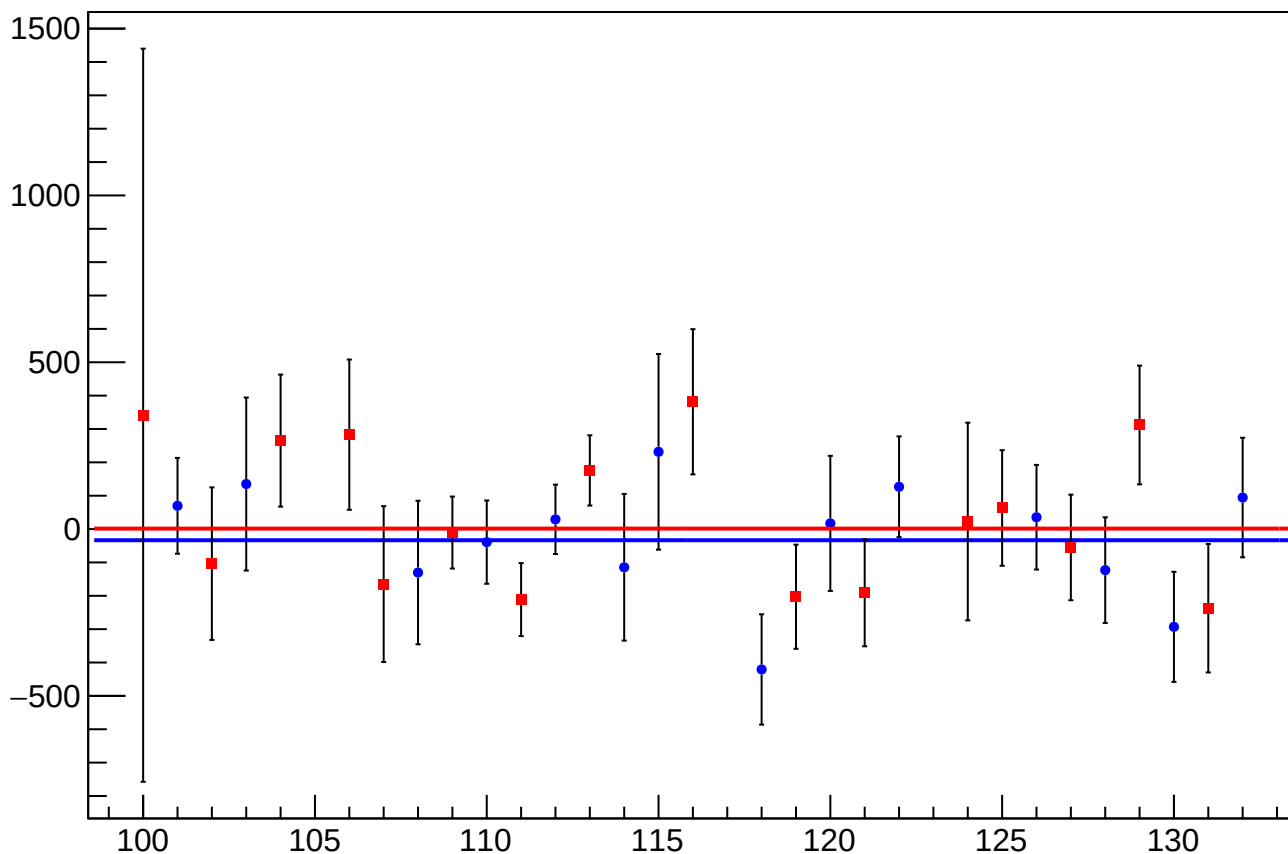
Right: 1042.753+/-0.221 χ^2/NDF : 2132450.8/29

In: 1080.080+/-0.329 χ^2/NDF :1074995.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1042.753+/-0.221 χ^2/NDF : 2132450.8/29

eigen_dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -33.434 ± 43.554 χ^2/NDF : 12.6/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.439 ± 41.258 χ^2/NDF : 21.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

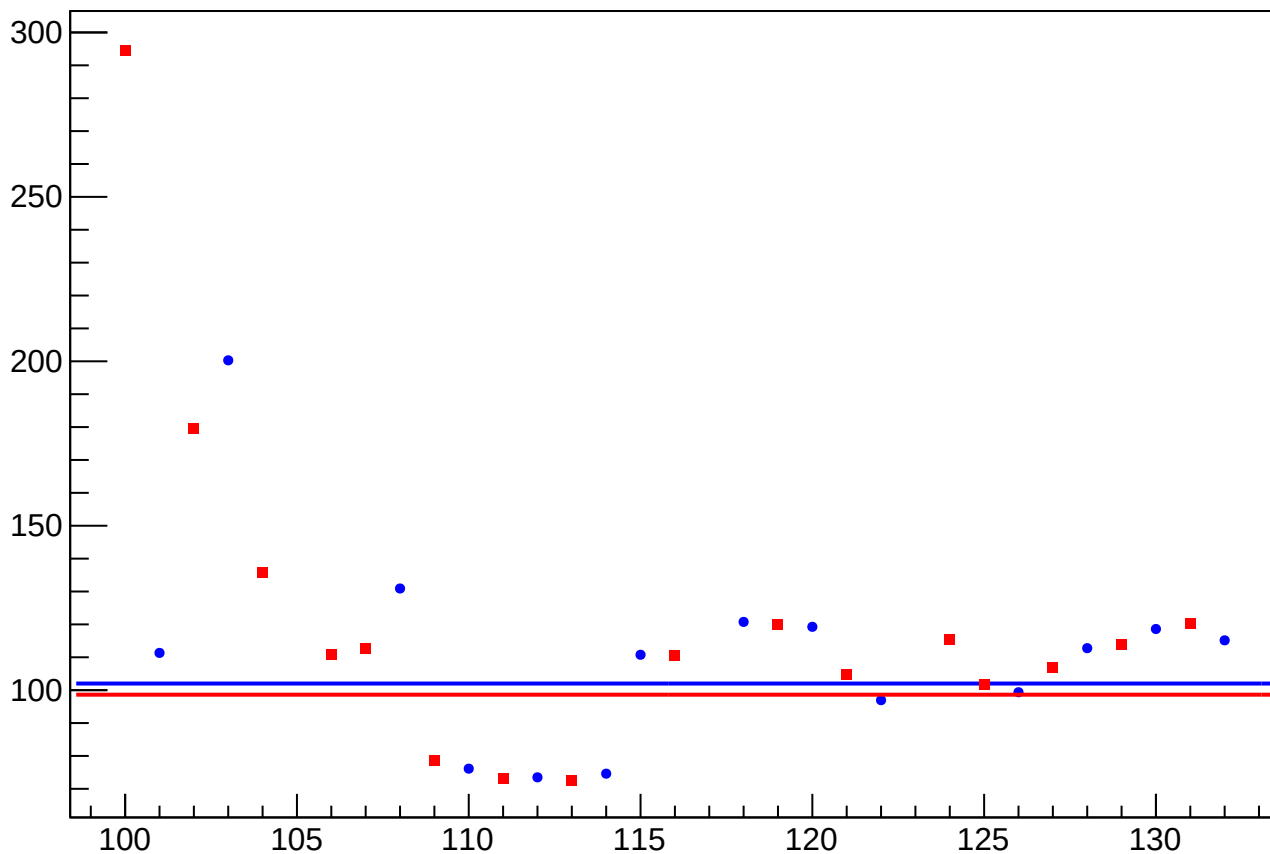
Right: -15.054 ± 29.952 χ^2/NDF : 34.7/29

In: -33.434 ± 43.554 χ^2/NDF : 12.6/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.054 ± 29.952 χ^2/NDF : 34.7/29

eigen_dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 102.017 $\pm$ 0.031 χ^2 /NDF: 684183.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 98.625 $\pm$ 0.029 χ^2 /NDF: 799433.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

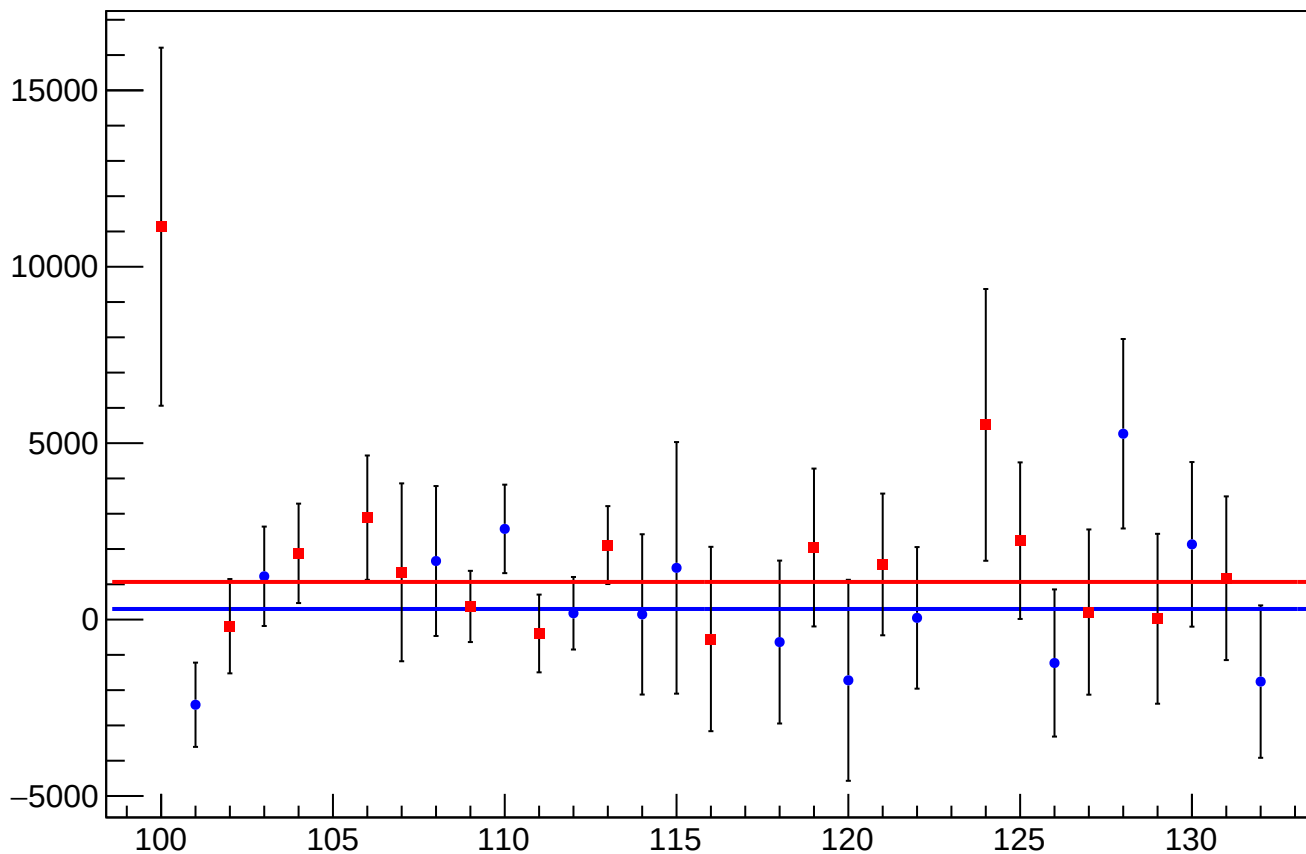
Right: 100.229 $\pm$ 0.021 χ^2 /NDF: 1490010.8/29

In: 102.017 $\pm$ 0.031 χ^2 /NDF:684183.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 100.229 $\pm$ 0.021 χ^2 /NDF: 1490010.8/29

asym_sam_3748_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 300.444+/-465.882 χ^2/NDF : 15.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1066.887+/-422.081 χ^2/NDF : 11.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

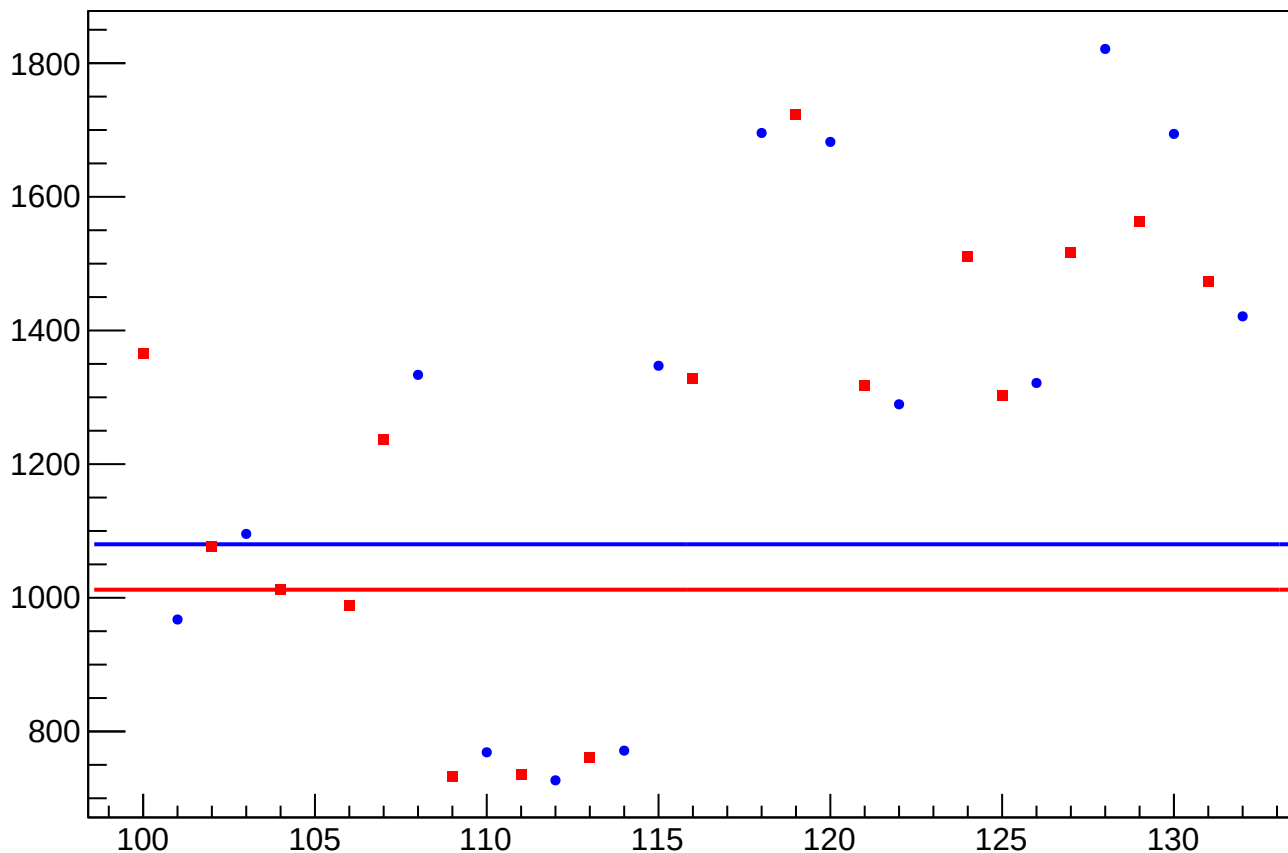
Right: 721.380+/-312.798 χ^2/NDF : 29.0/29

In: 300.444+/-465.882 χ^2/NDF : 15.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 721.380+/-312.798 χ^2/NDF : 29.0/29

asym_sam_3748_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1080.078+/-0.329 χ^2/NDF : 1075001.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1012.113+/-0.298 χ^2/NDF : 1034080.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

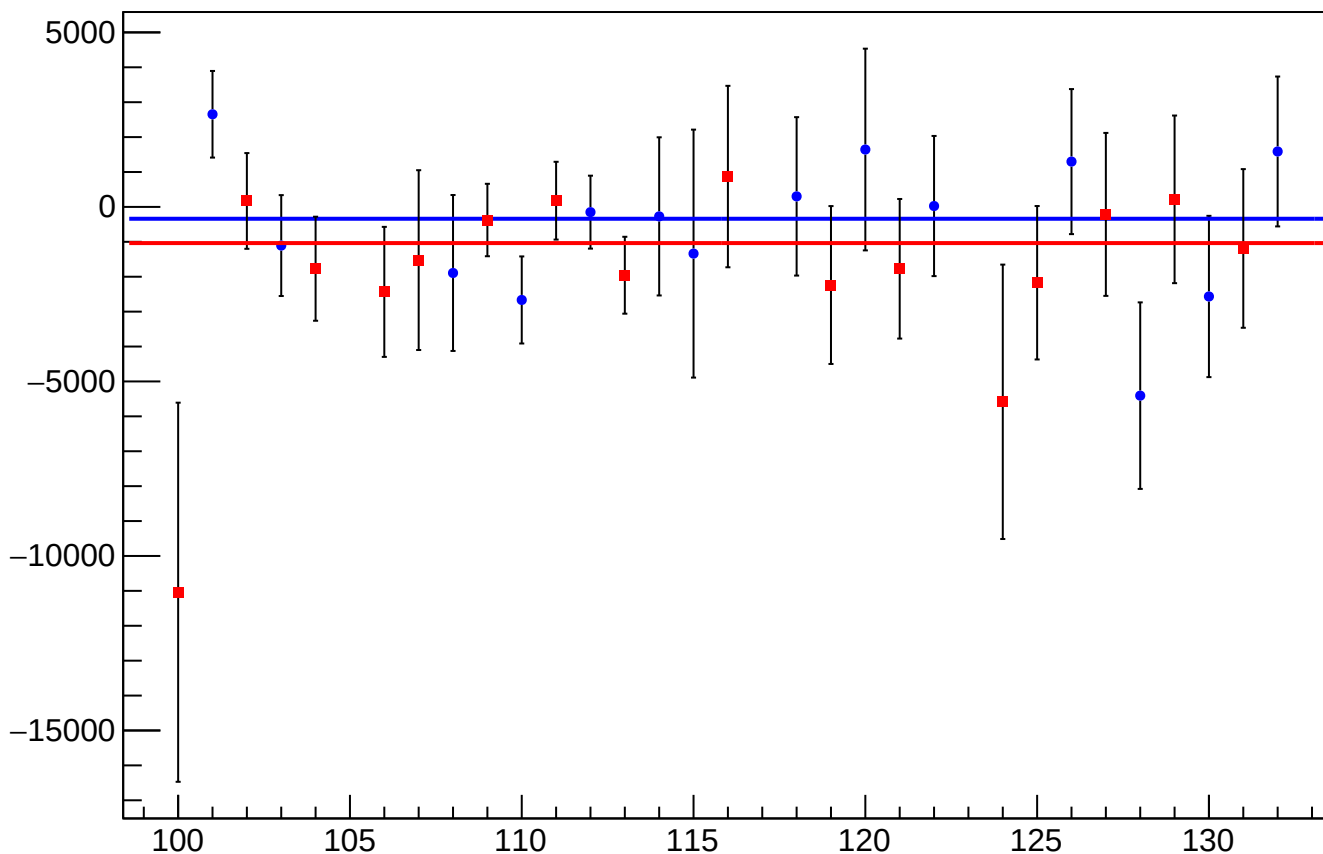
Right: 1042.751+/-0.221 χ^2/NDF : 2132459.2/29

In: 1080.078+/-0.329 χ^2/NDF : 1075001.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1042.751+/-0.221 χ^2/NDF : 2132459.2/29

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -339.204+/-471.428 χ^2/NDF : 16.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1036.135+/-429.178 χ^2/NDF : 10.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

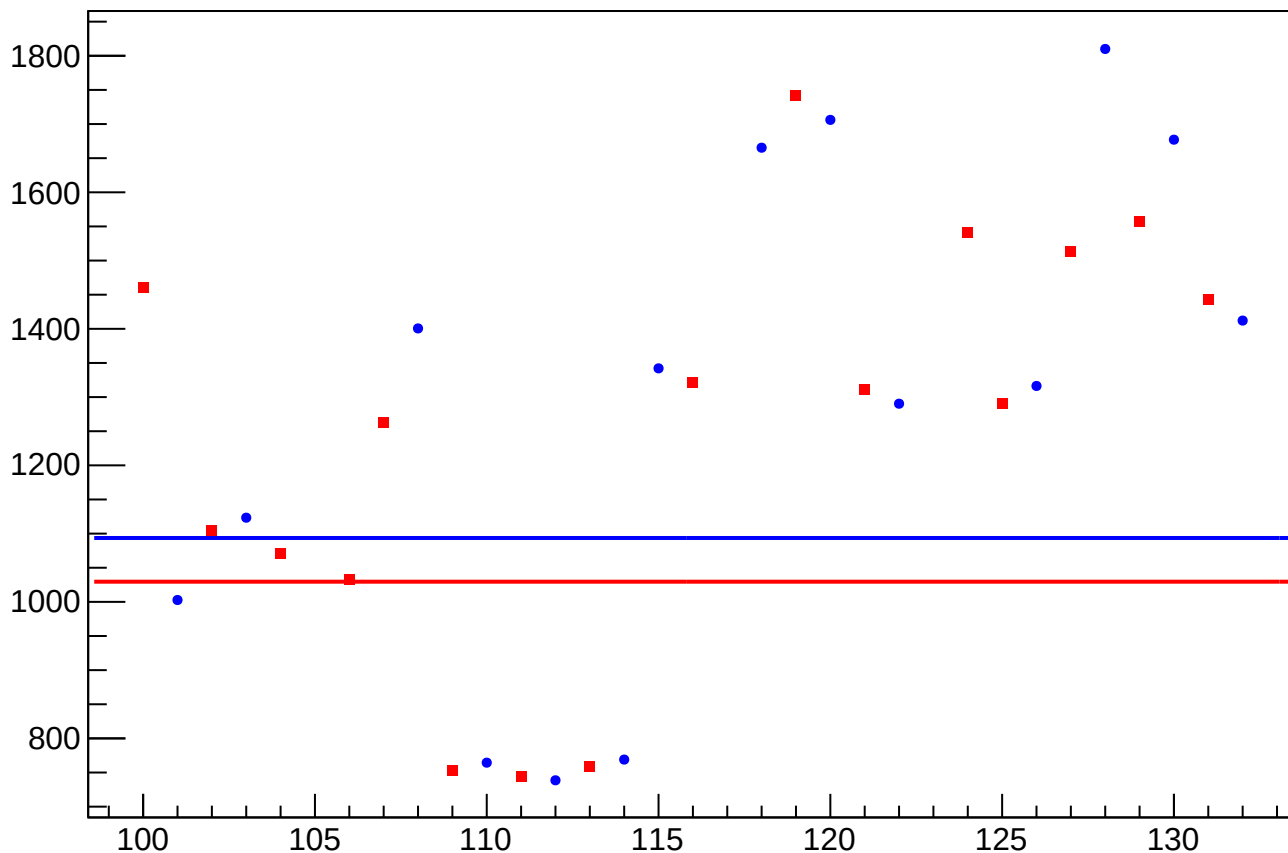
Right: -720.293+/-317.362 χ^2/NDF : 28.2/29

In: -339.204+/-471.428 χ^2/NDF : 16.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -720.293+/-317.362 χ^2/NDF : 28.2/29

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 1093.595+/-0.333 χ^2/NDF : 1044705.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1029.566+/-0.303 χ^2/NDF : 1003369.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

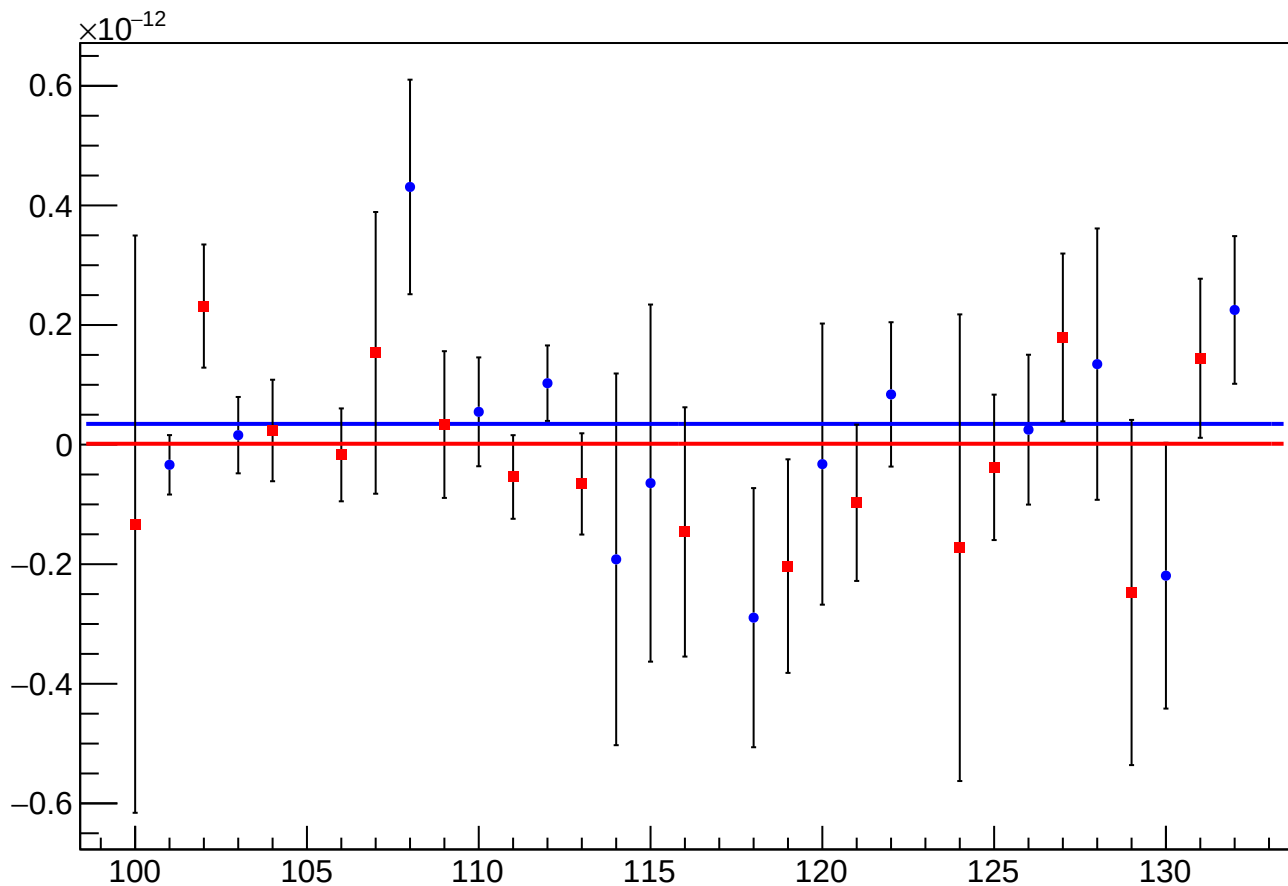
Right: 1058.583+/-0.224 χ^2/NDF : 2068248.8/29

In: 1093.595+/-0.333 χ^2/NDF : 1044705.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1058.583+/-0.224 χ^2/NDF : 2068248.8/29

asym_sam_3748_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

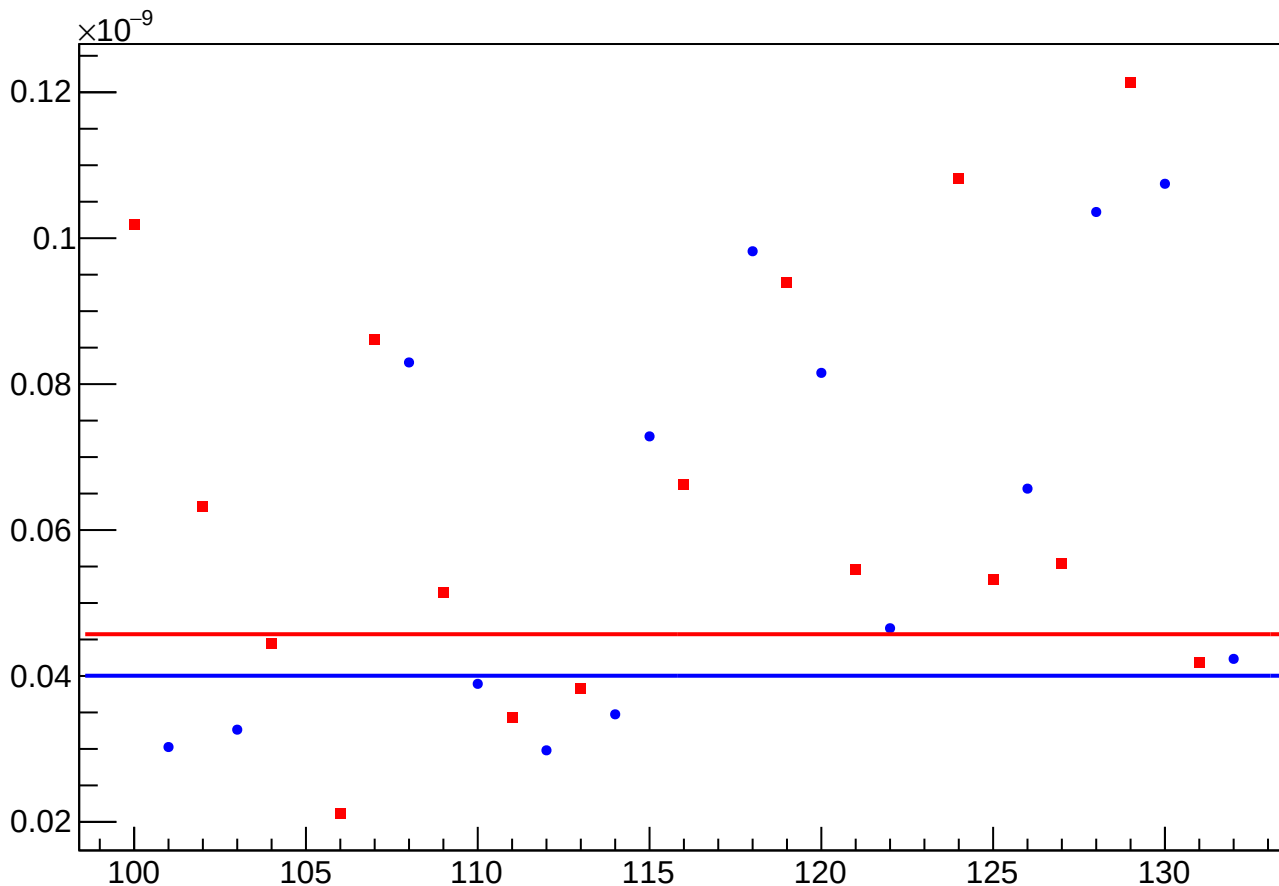
Right: 0.000+/-0.000 χ^2/NDF : 28.9/29

In: 0.000+/-0.000 χ^2/NDF : 15.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.9/29

asym_sam_3748_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 933958.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 799037.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

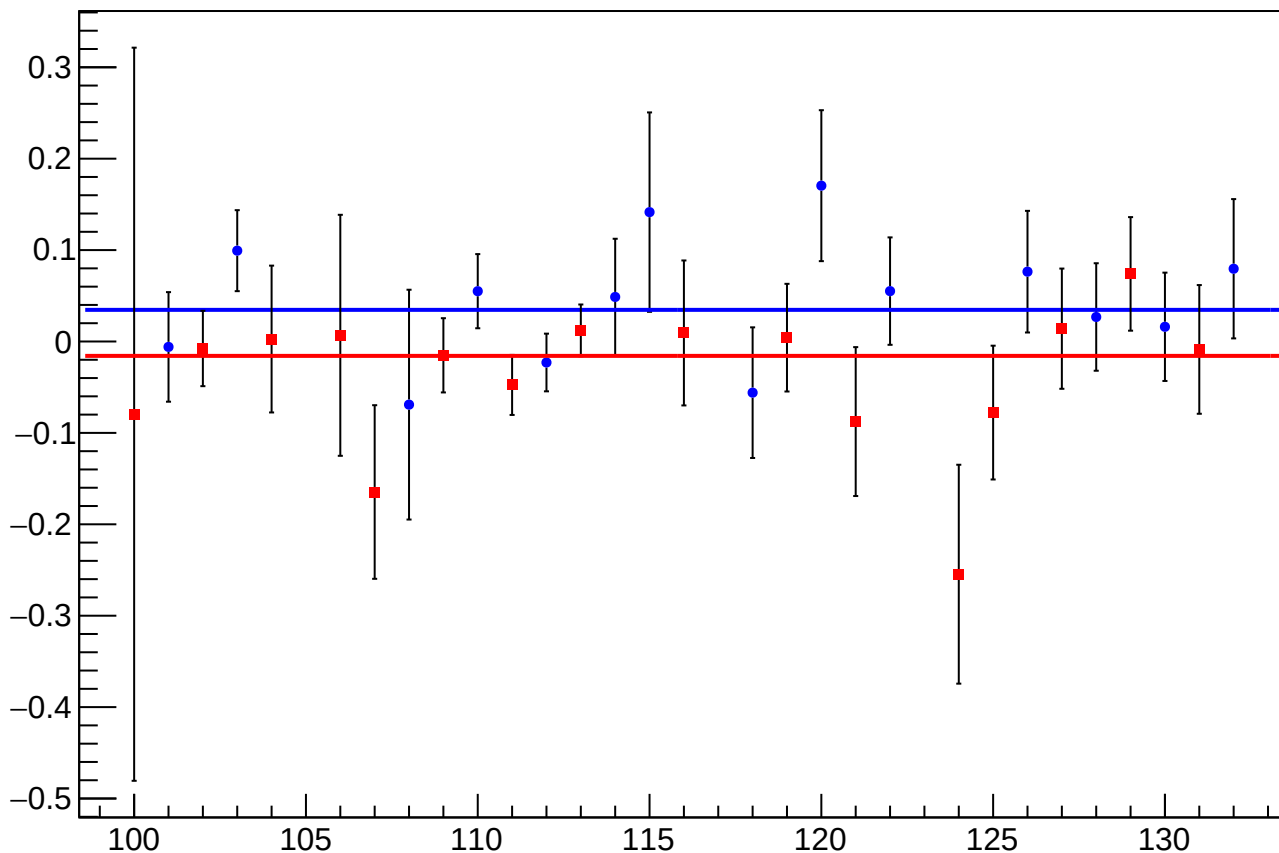
Right: 0.000+/-0.000 χ^2/NDF : 1772996.6/29

In: 0.000+/-0.000 χ^2/NDF : 933958.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1772996.6/29

asym_sam_3748_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035+/-0.015 χ^2/NDF : 13.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-0.014 χ^2/NDF : 12.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

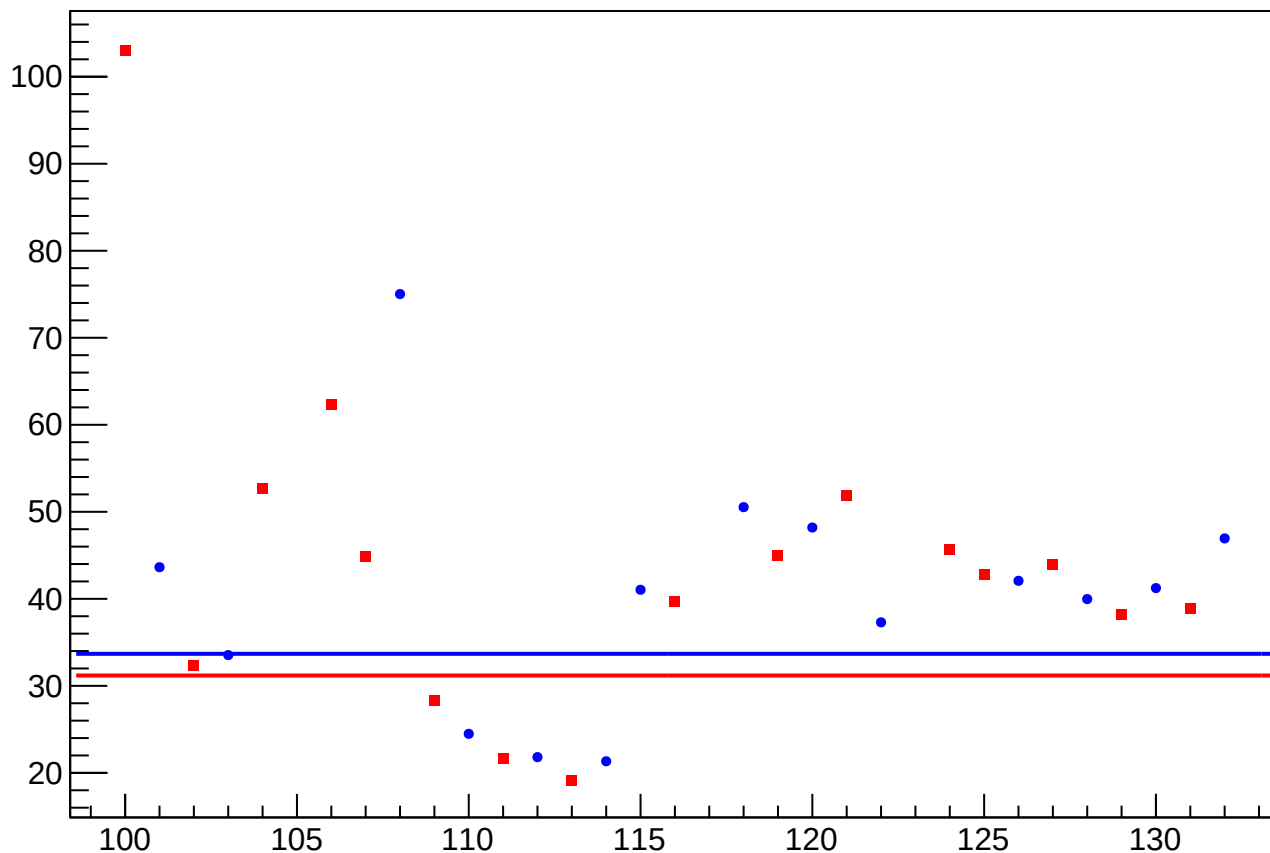
Right: 0.007+/-0.010 χ^2/NDF : 31.7/29

In: 0.035+/-0.015 χ^2/NDF : 13.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.010 χ^2/NDF : 31.7/29

asym_sam_3748_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.683+/-0.011 χ^2/NDF : 1069962.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.191+/-0.010 χ^2/NDF : 1369928.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

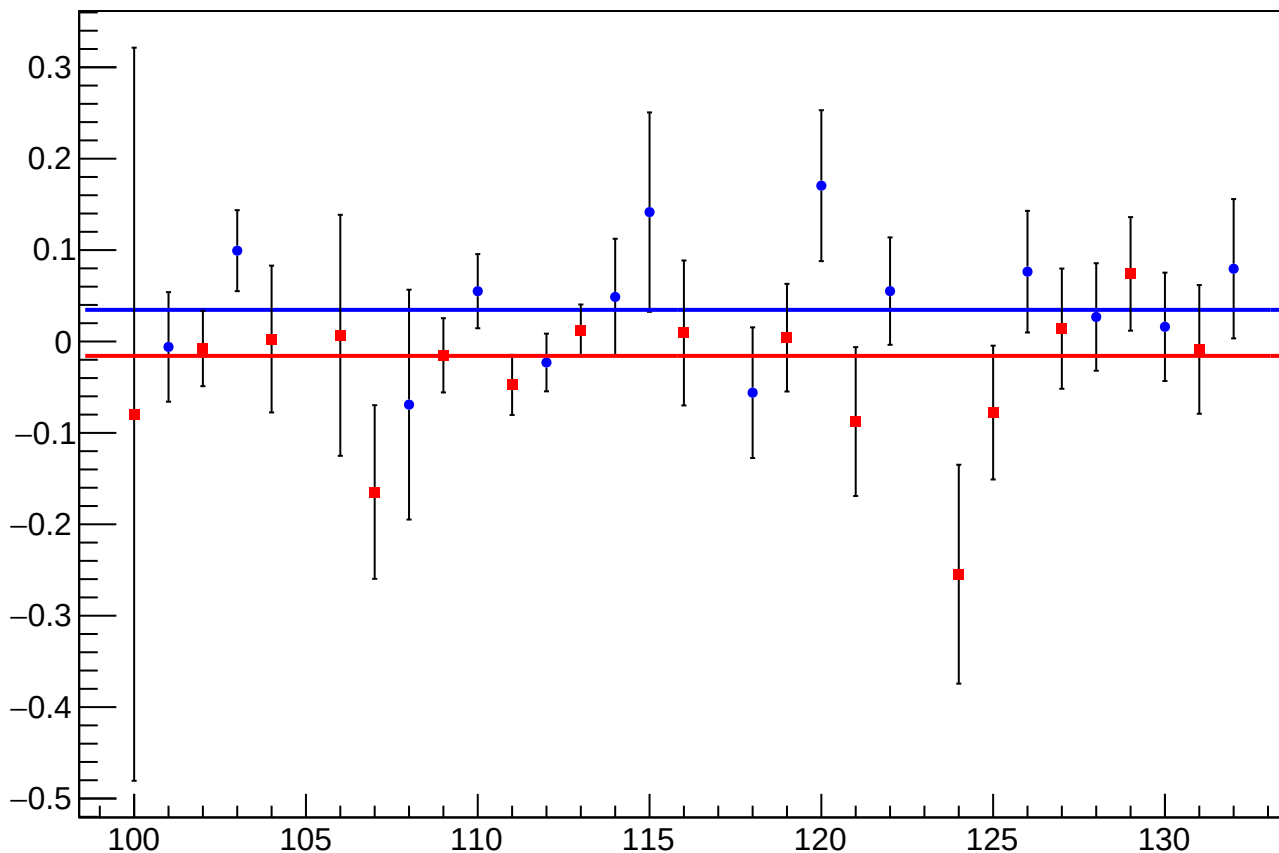
Right: 32.327+/-0.007 χ^2/NDF : 2469592.7/29

In: 33.683+/-0.011 χ^2/NDF : 1069962.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.327+/-0.007 χ^2/NDF : 2469592.7/29

asym_sam_3748_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035+/-0.015 χ^2/NDF : 13.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-0.014 χ^2/NDF : 12.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

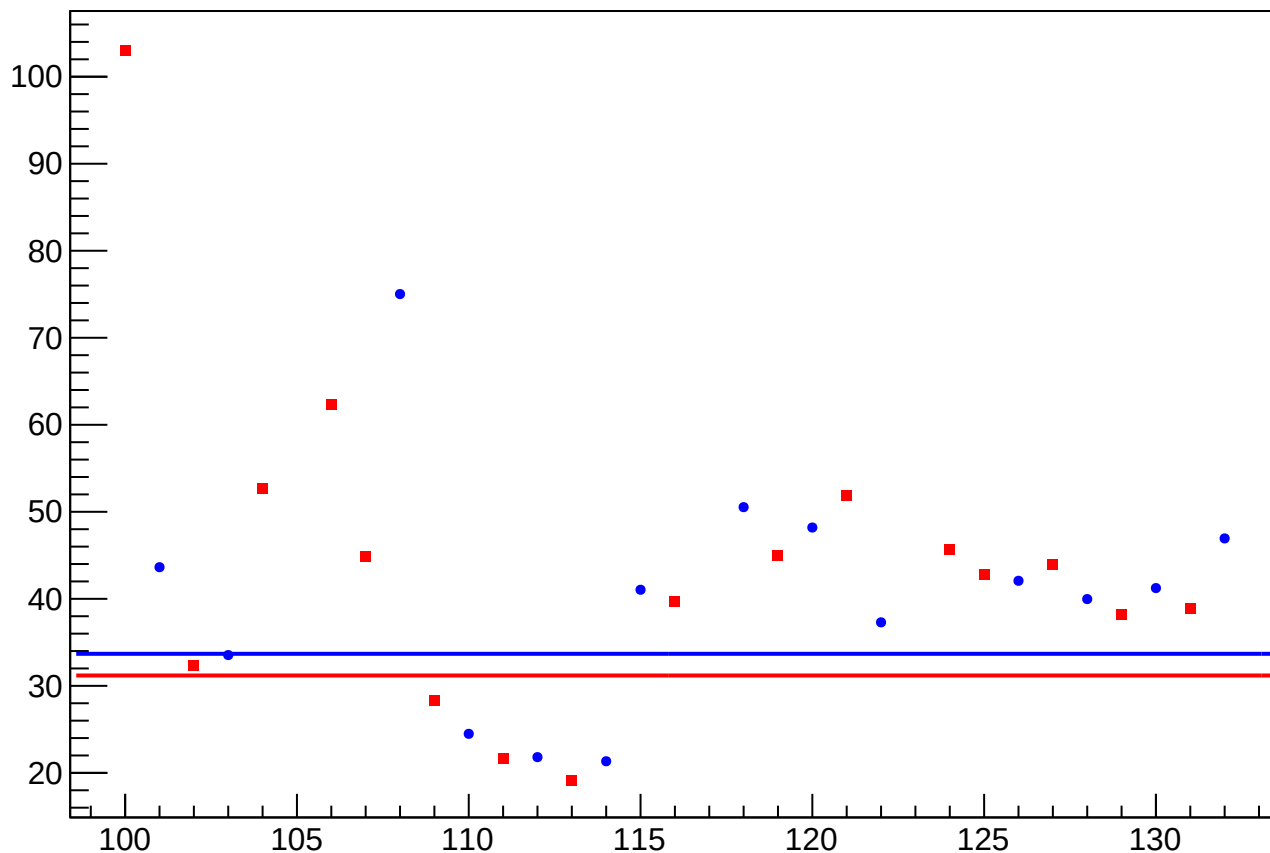
Right: 0.007+/-0.010 χ^2/NDF : 31.7/29

In: 0.035+/-0.015 χ^2/NDF : 13.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.010 χ^2/NDF : 31.7/29

asym_sam_3748_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.683+/-0.011 χ^2/NDF : 1069962.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.191+/-0.010 χ^2/NDF : 1369928.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

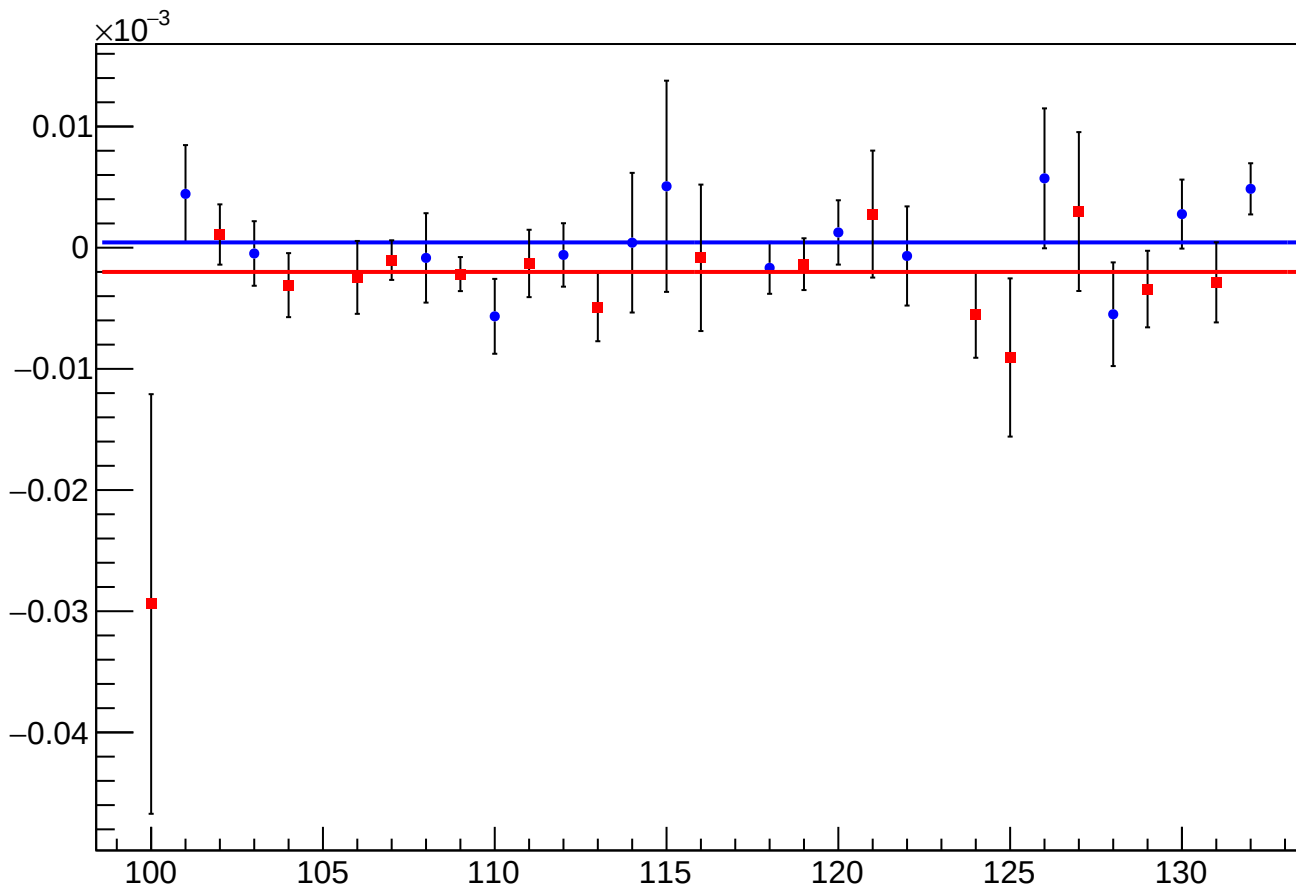
Right: 32.327+/-0.007 χ^2/NDF : 2469592.7/29

In: 33.683+/-0.011 χ^2/NDF : 1069962.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.327+/-0.007 χ^2/NDF : 2469592.7/29

asym_sam_3748_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

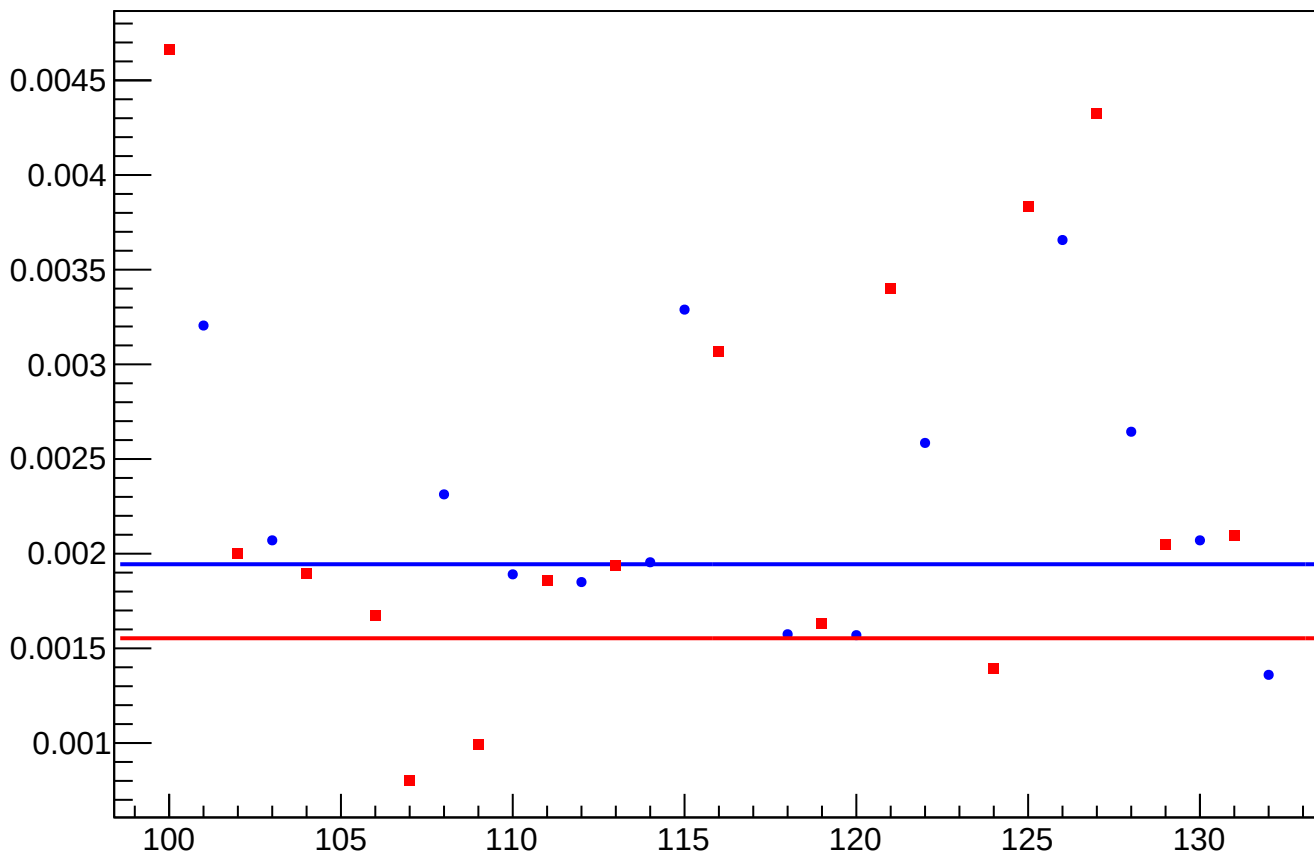
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 29.3/29

In: 0.000 $\pm$ 0.000 χ^2 /NDF:14.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 29.3/29

asym_sam_3748_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 806118.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2054318.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

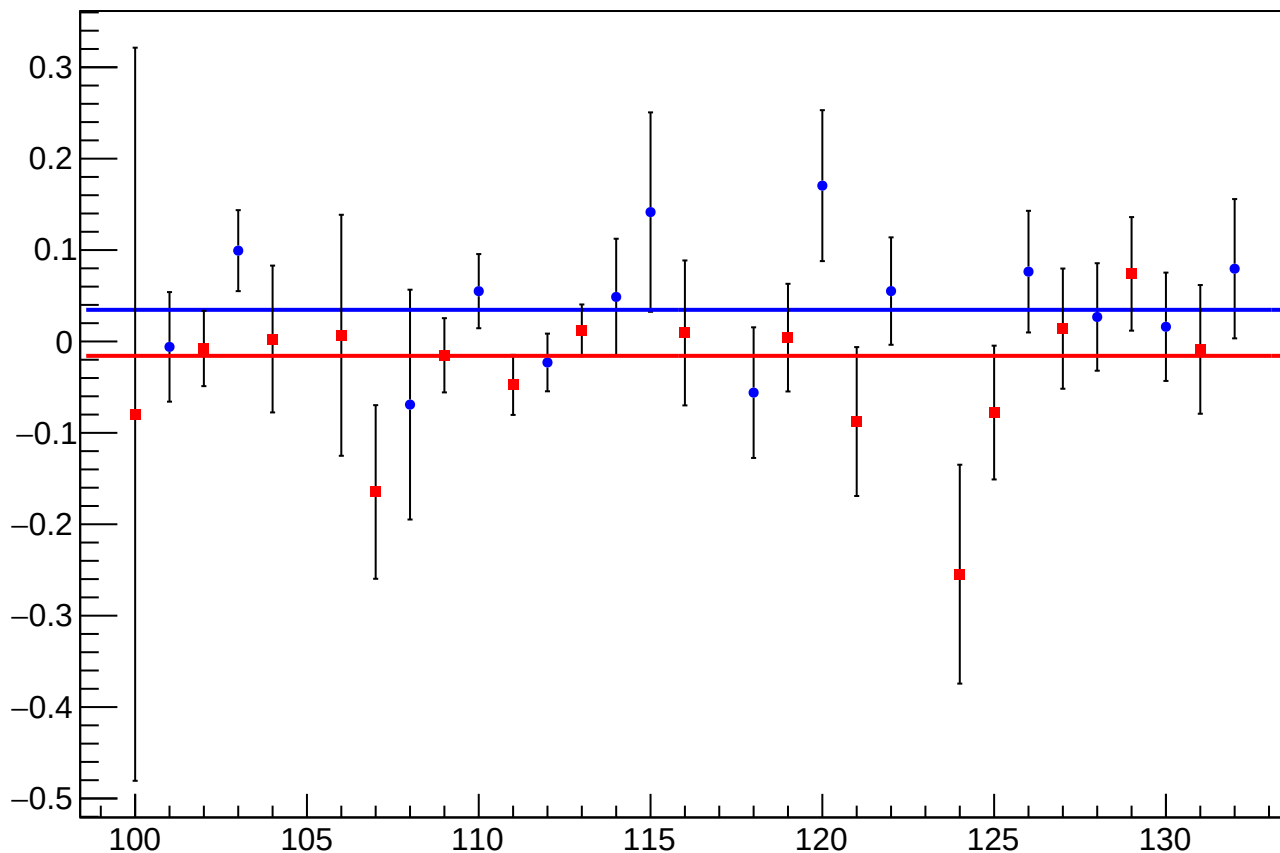
Right: 0.002+/-0.000 χ^2/NDF : 3122295.3/29

In: 0.002+/-0.000 χ^2/NDF :806118.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3122295.3/29

asym_sam_3748_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035 $\pm$ 0.015 χ^2 /NDF: 13.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.016 $\pm$ 0.014 χ^2 /NDF: 12.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

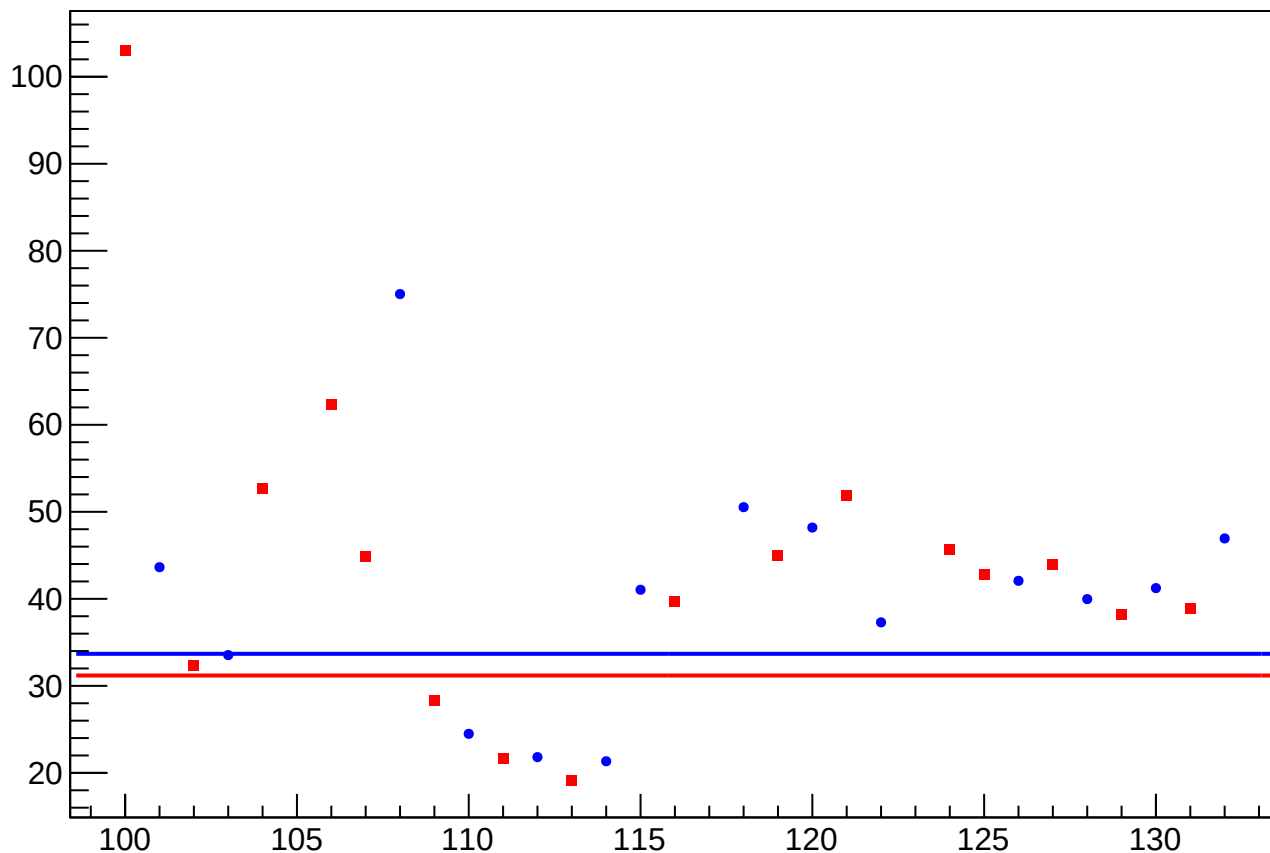
Right: 0.007 $\pm$ 0.010 χ^2 /NDF: 31.7/29

In: 0.035 $\pm$ 0.015 χ^2 /NDF:13.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.007 $\pm$ 0.010 χ^2 /NDF: 31.7/29

asym_sam_3748_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.683+/-0.011 χ^2/NDF : 1069926.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 31.192+/-0.010 χ^2/NDF : 1369887.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

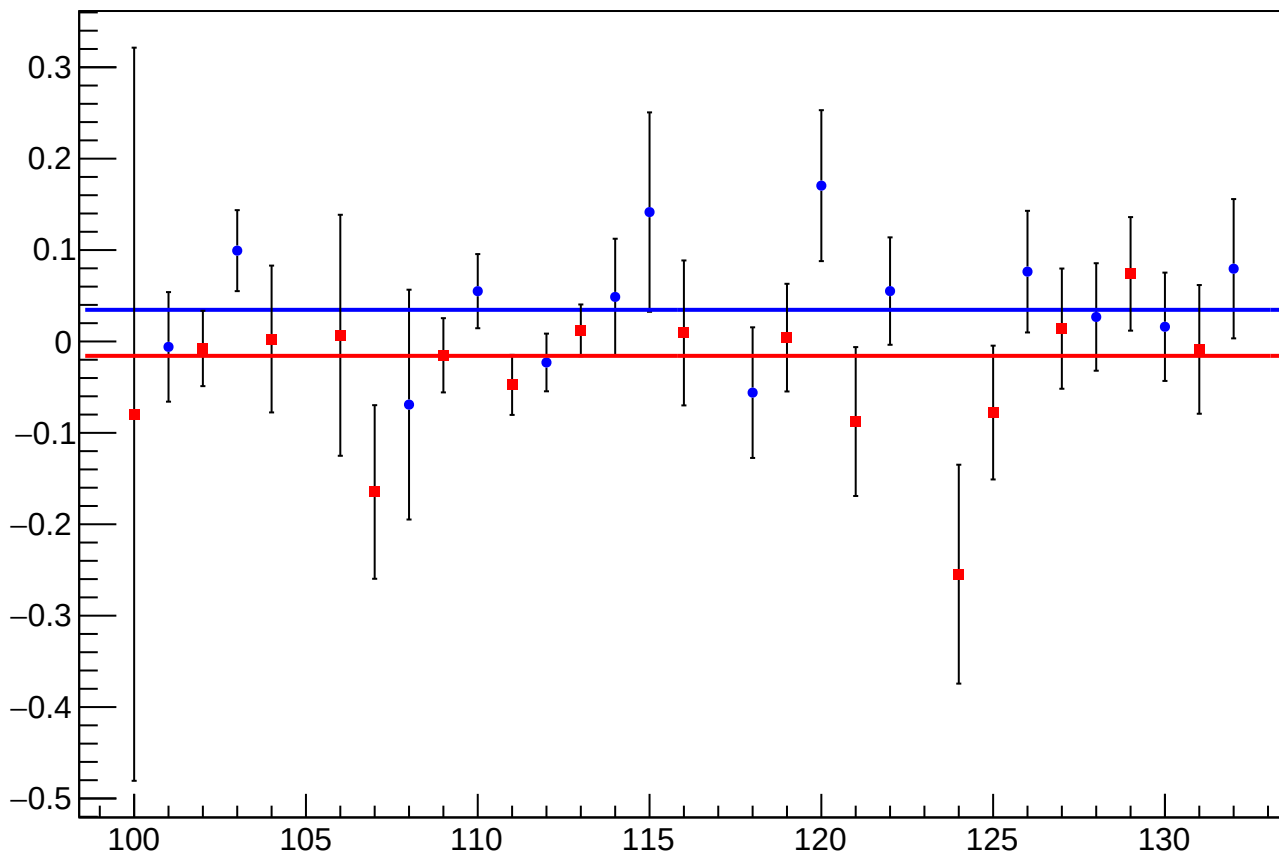
Right: 32.328+/-0.007 χ^2/NDF : 2469516.1/29

In: 33.683+/-0.011 χ^2/NDF :1069926.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 32.328+/-0.007 χ^2/NDF : 2469516.1/29

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035+/-0.015 χ^2/NDF : 13.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-0.014 χ^2/NDF : 12.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

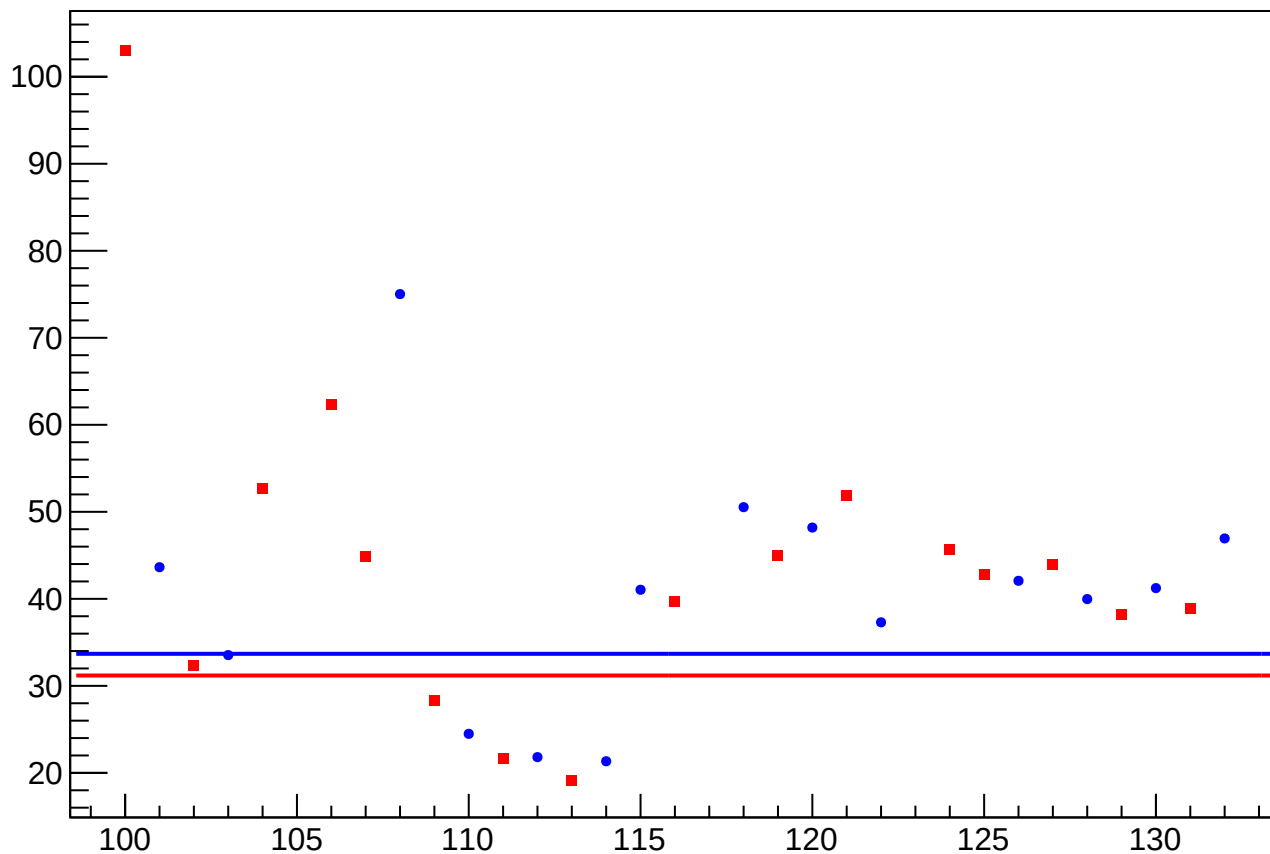
Right: 0.007+/-0.010 χ^2/NDF : 31.7/29

In: 0.035+/-0.015 χ^2/NDF : 13.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.010 χ^2/NDF : 31.7/29

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.683+/-0.011 χ^2/NDF : 1069926.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 31.192+/-0.010 χ^2/NDF : 1369887.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

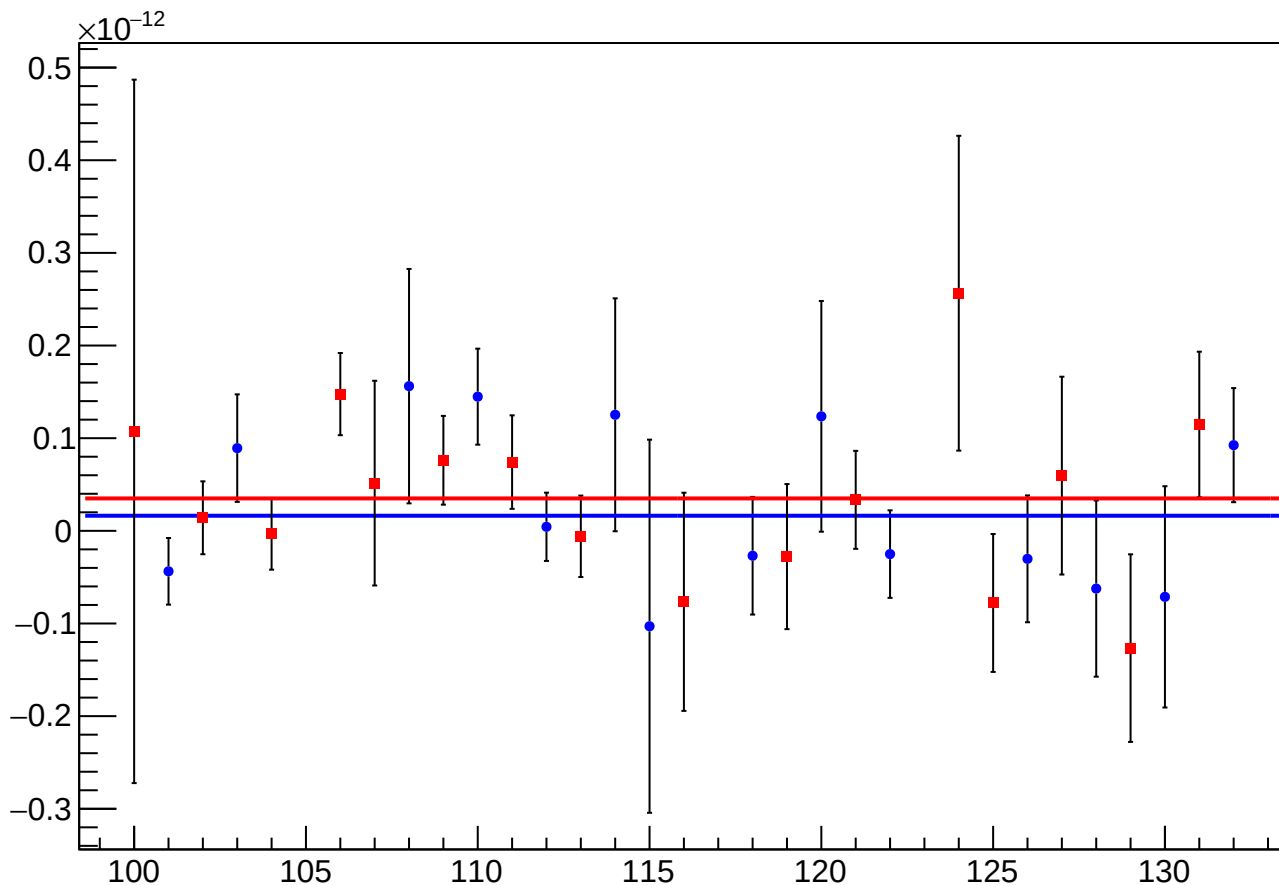
Right: 32.328+/-0.007 χ^2/NDF : 2469516.1/29

In: 33.683+/-0.011 χ^2/NDF :1069926.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 32.328+/-0.007 χ^2/NDF : 2469516.1/29

asym_sam_3748_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 18.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 19.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

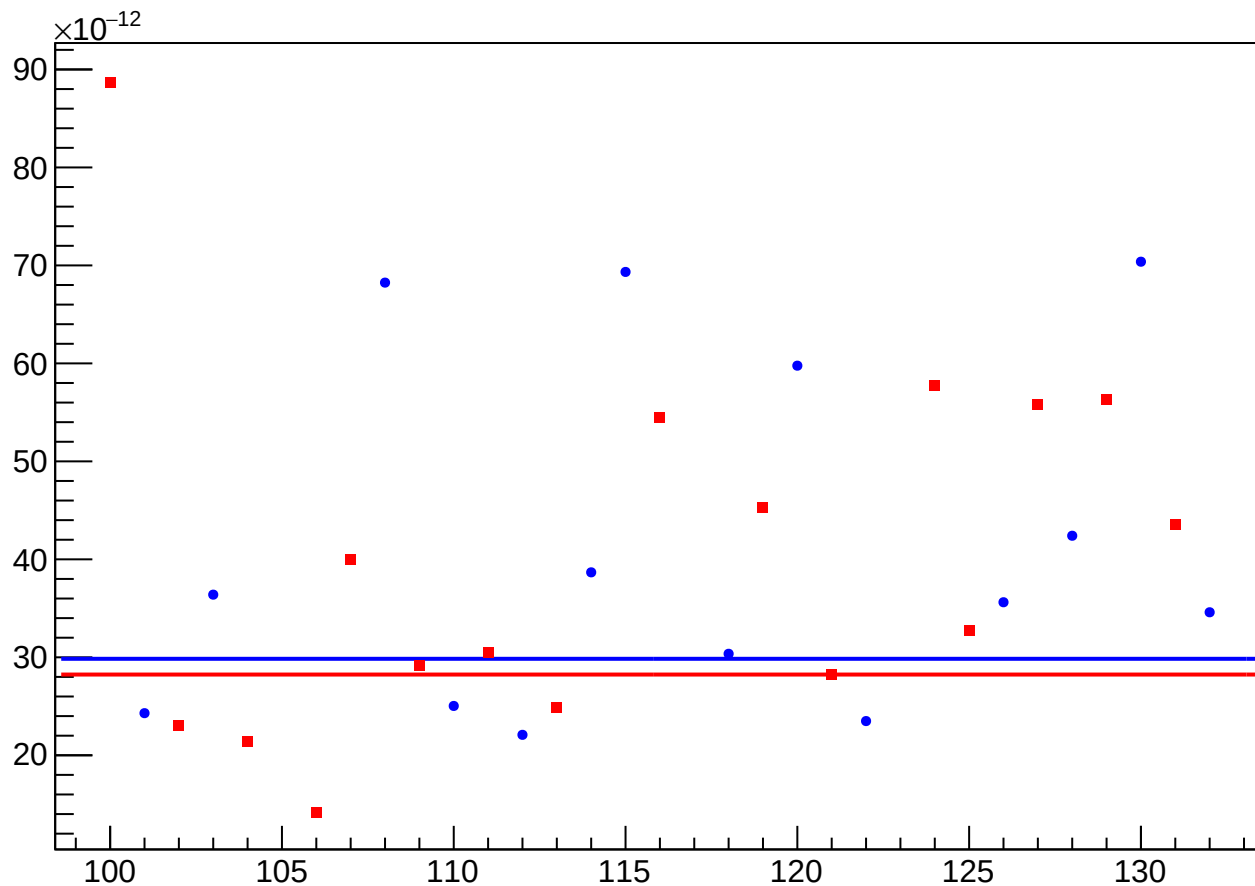
Right: 0.000+/-0.000 χ^2/NDF : 38.0/29

In: 0.000+/-0.000 χ^2/NDF : 18.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 38.0/29

asym_sam_3748_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 893254.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1014301.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

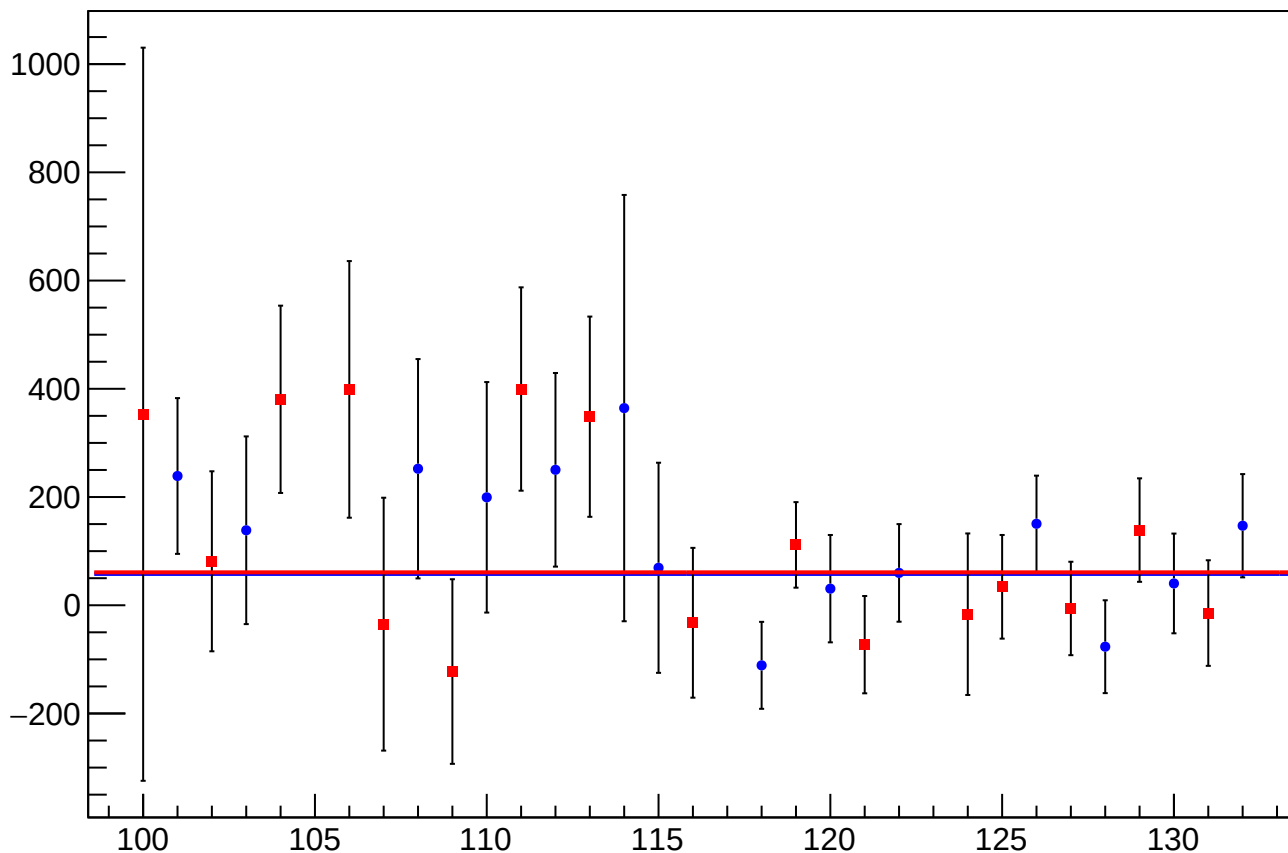
Right: 0.000+/-0.000 χ^2/NDF : 1918021.4/29

In: 0.000+/-0.000 χ^2/NDF : 893254.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1918021.4/29

reg_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 57.907+/-30.696 χ^2/NDF : 13.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.839+/-31.036 χ^2/NDF : 17.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

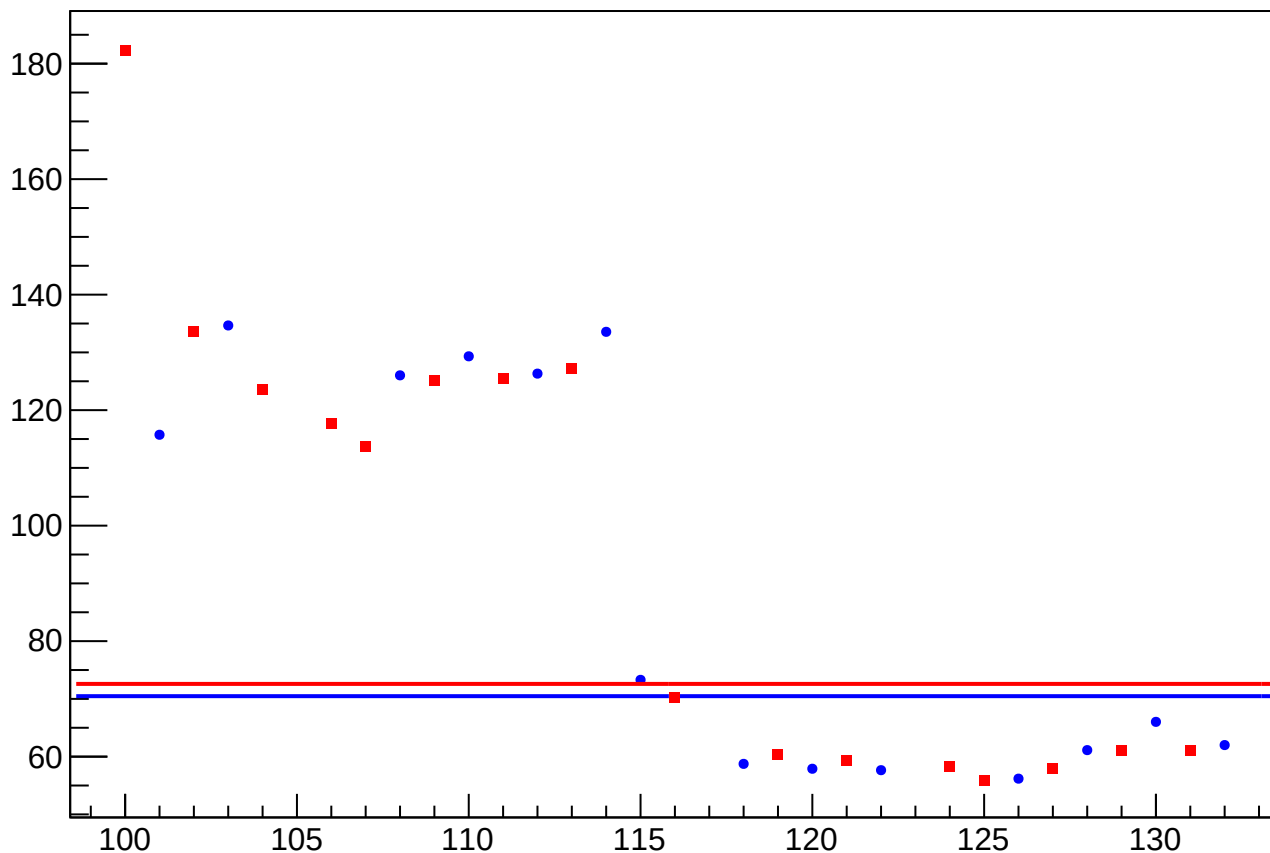
Right: 59.357+/-21.824 χ^2/NDF : 31.8/29

In: 57.907+/-30.696 χ^2/NDF : 13.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.357+/-21.824 χ^2/NDF : 31.8/29

reg_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 70.472+/-0.022 χ^2/NDF : 1232126.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 72.595+/-0.022 χ^2/NDF : 1436687.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

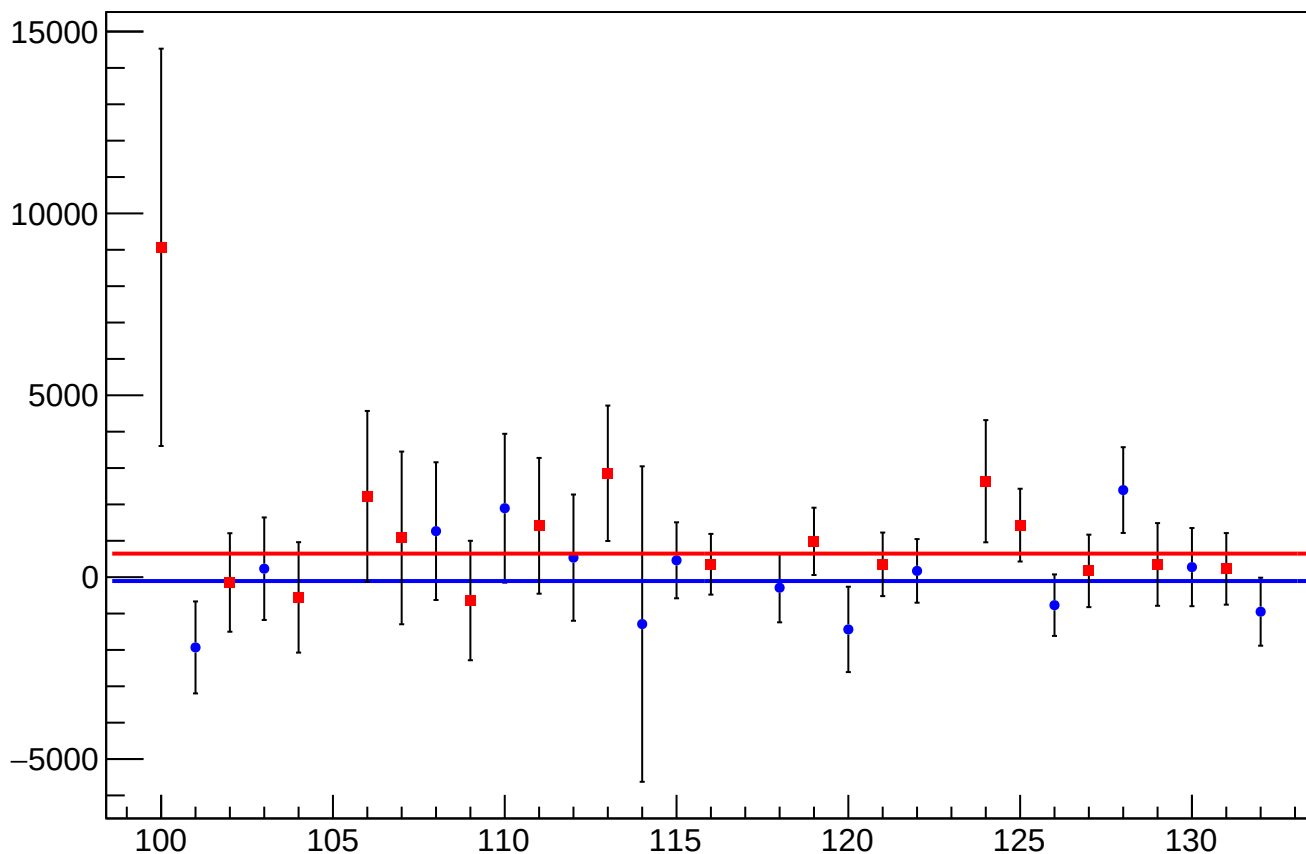
Right: 71.522+/-0.015 χ^2/NDF : 2673545.1/29

In: 70.472+/-0.022 χ^2/NDF :1232126.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 71.522+/-0.015 χ^2/NDF : 2673545.1/29

asym_sam_1526_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -106.425+/-312.866 χ^2/NDF : 11.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 647.739+/-310.079 χ^2/NDF : 8.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

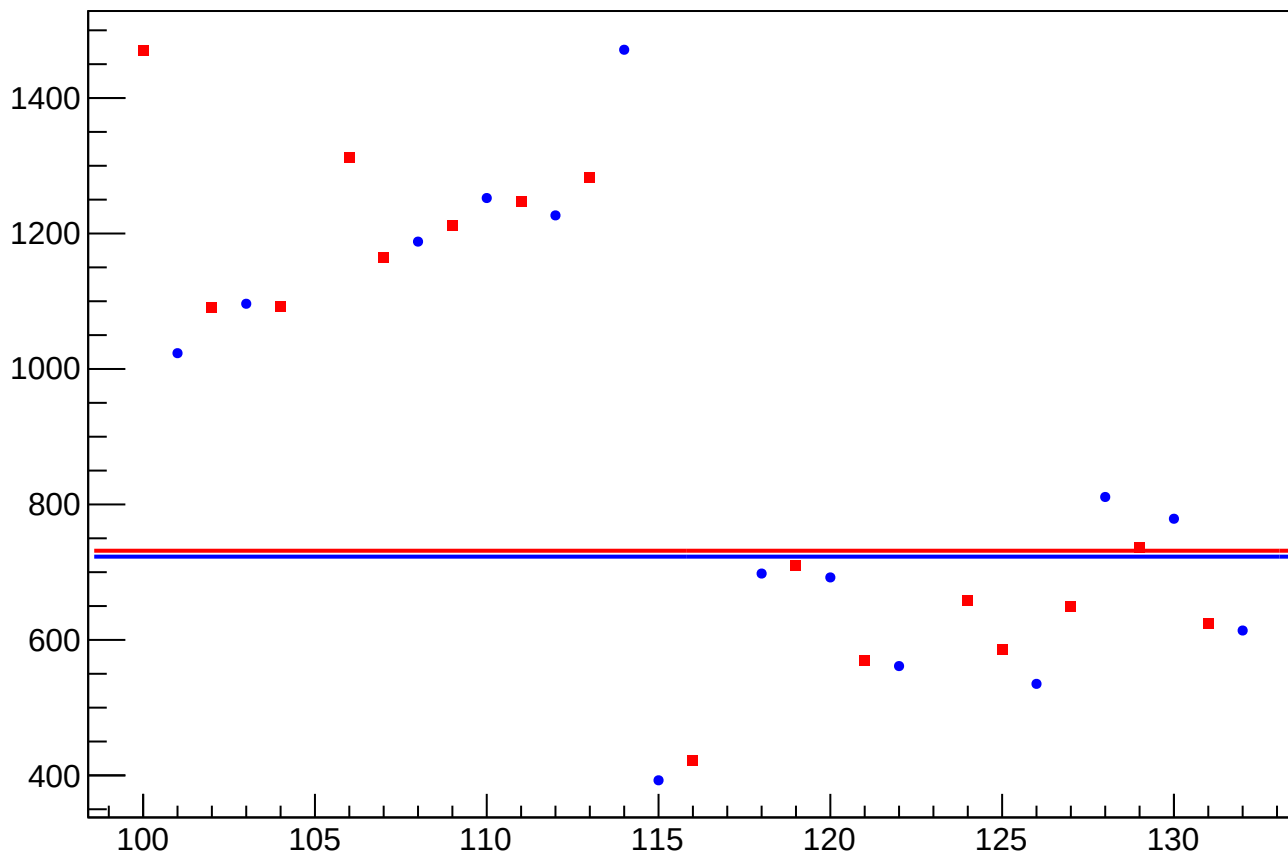
Right: 274.031+/-220.237 χ^2/NDF : 23.4/29

In: -106.425+/-312.866 χ^2/NDF : 11.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 274.031+/-220.237 χ^2/NDF : 23.4/29

asym_sam_1526_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 722.928+/-0.221 χ^2/NDF : 1149357.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 731.673+/-0.219 χ^2/NDF : 1407202.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

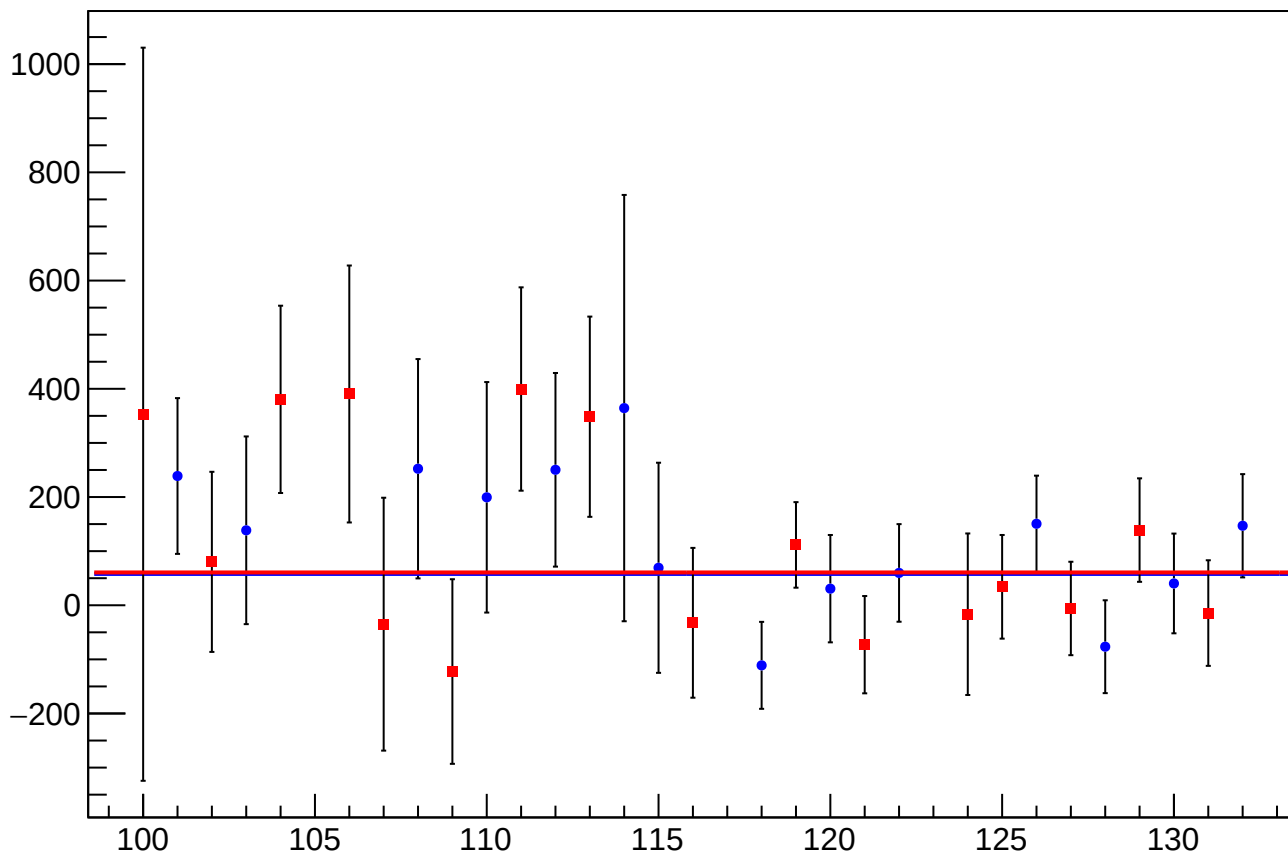
Right: 727.340+/-0.156 χ^2/NDF : 2557348.1/29

In: 722.928+/-0.221 χ^2/NDF :1149357.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 727.340+/-0.156 χ^2/NDF : 2557348.1/29

cor_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 57.897+/-30.696 χ^2/NDF : 13.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.637+/-31.037 χ^2/NDF : 17.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

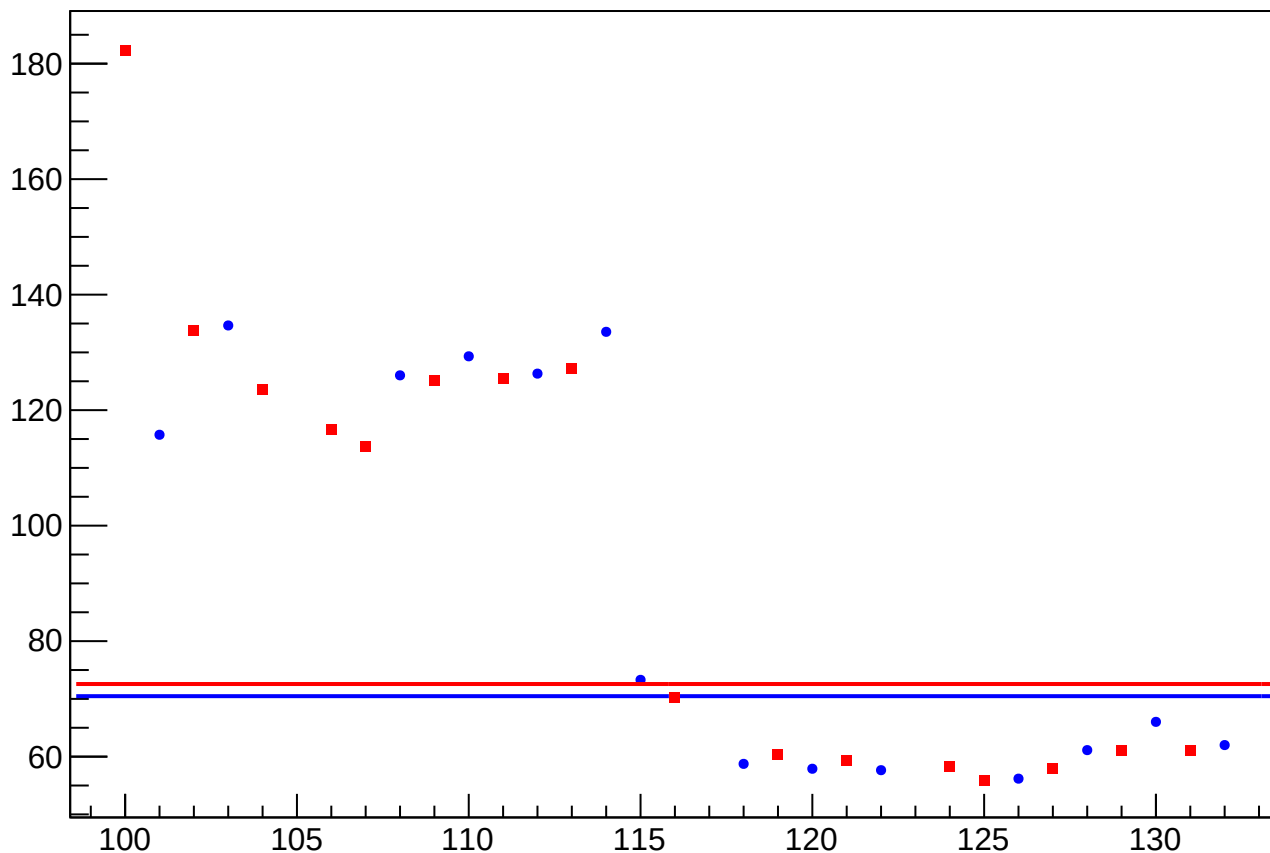
Right: 59.251+/-21.825 χ^2/NDF : 31.7/29

In: 57.897+/-30.696 χ^2/NDF : 13.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.251+/-21.825 χ^2/NDF : 31.7/29

cor_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 70.472+/-0.022 χ^2/NDF : 1232128.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.576+/-0.022 χ^2/NDF : 1433656.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

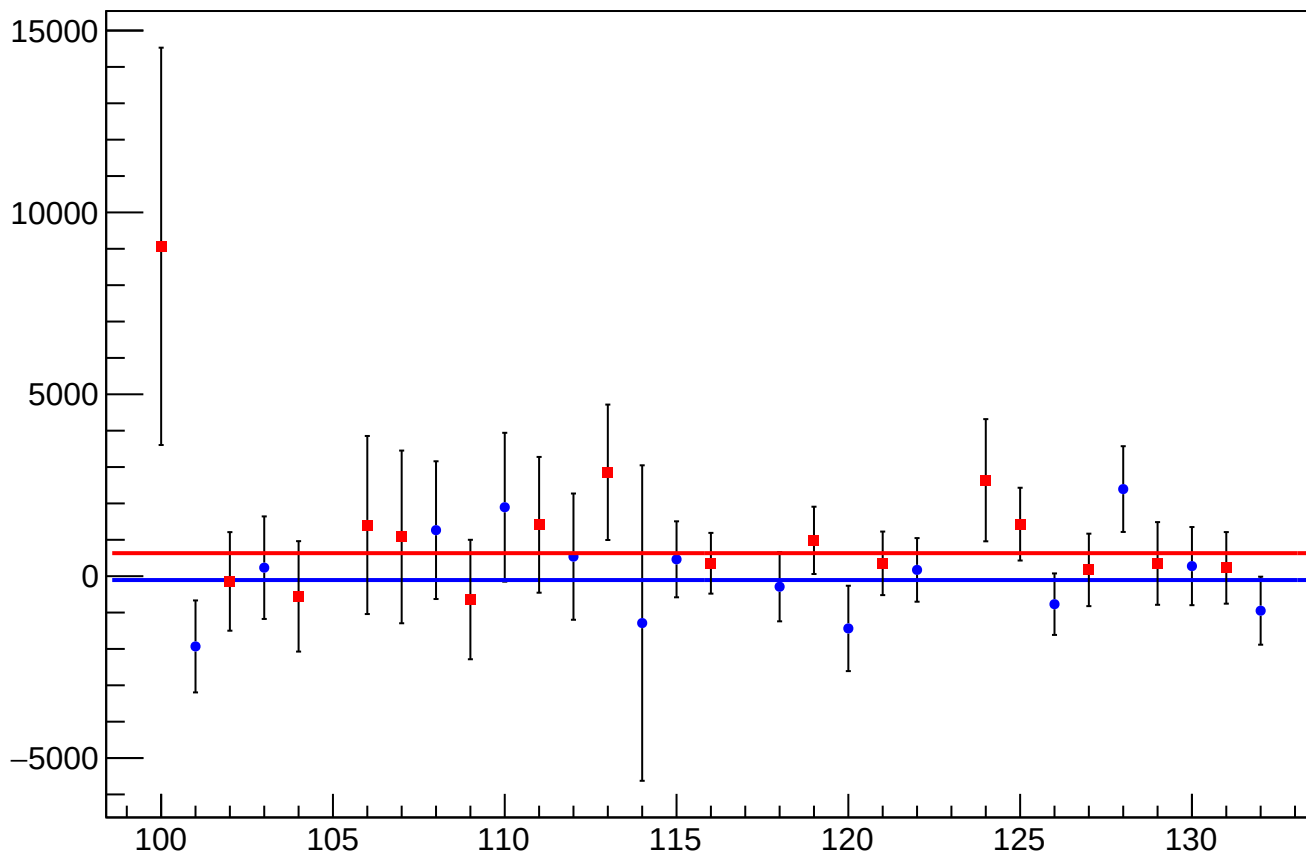
Right: 71.512+/-0.015 χ^2/NDF : 2670432.8/29

In: 70.472+/-0.022 χ^2/NDF : 1232128.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.512+/-0.015 χ^2/NDF : 2670432.8/29

asym_sam_1526_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -106.396+/-312.866 χ^2/NDF : 11.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 632.691+/-310.303 χ^2/NDF : 8.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

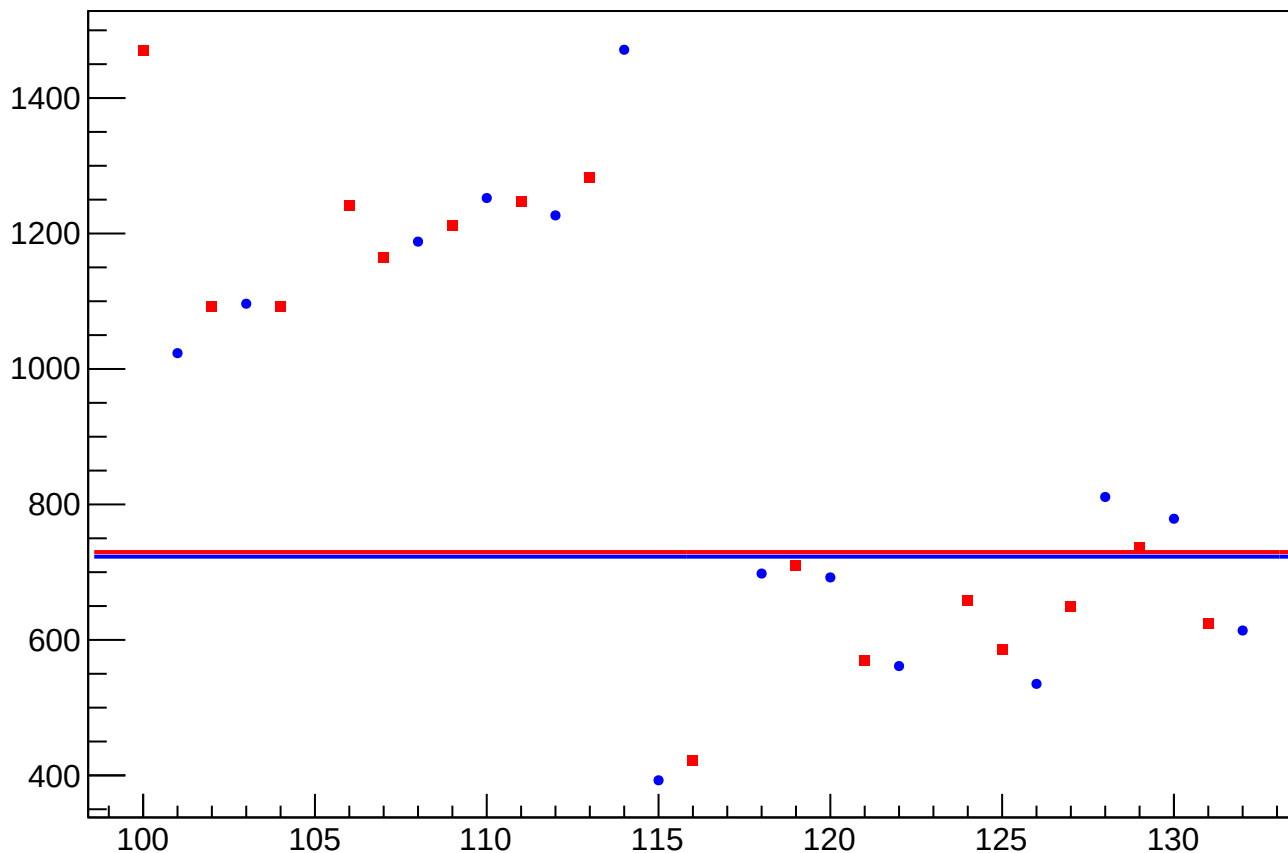
Right: 266.188+/-220.318 χ^2/NDF : 23.0/29

In: -106.396+/-312.866 χ^2/NDF : 11.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 266.188+/-220.318 χ^2/NDF : 23.0/29

asym_sam_1526_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 722.928+/-0.221 χ^2/NDF : 1149393.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 729.734+/-0.219 χ^2/NDF : 1371711.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

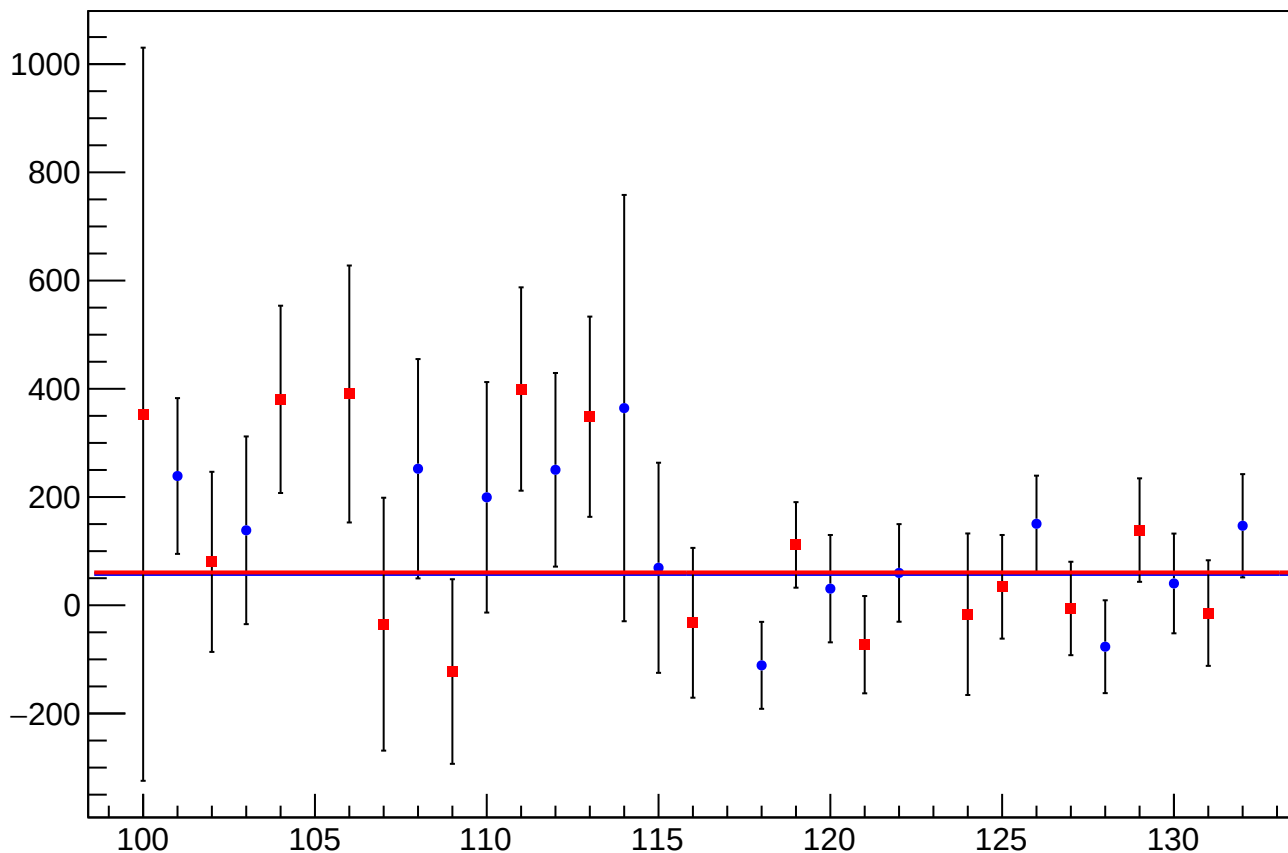
Right: 726.359+/-0.156 χ^2/NDF : 2521581.7/29

In: 722.928+/-0.221 χ^2/NDF : 1149393.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 726.359+/-0.156 χ^2/NDF : 2521581.7/29

eigen_cor_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 57.897 $\pm$ 30.696 χ^2 /NDF: 13.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 60.637 $\pm$ 31.037 χ^2 /NDF: 17.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

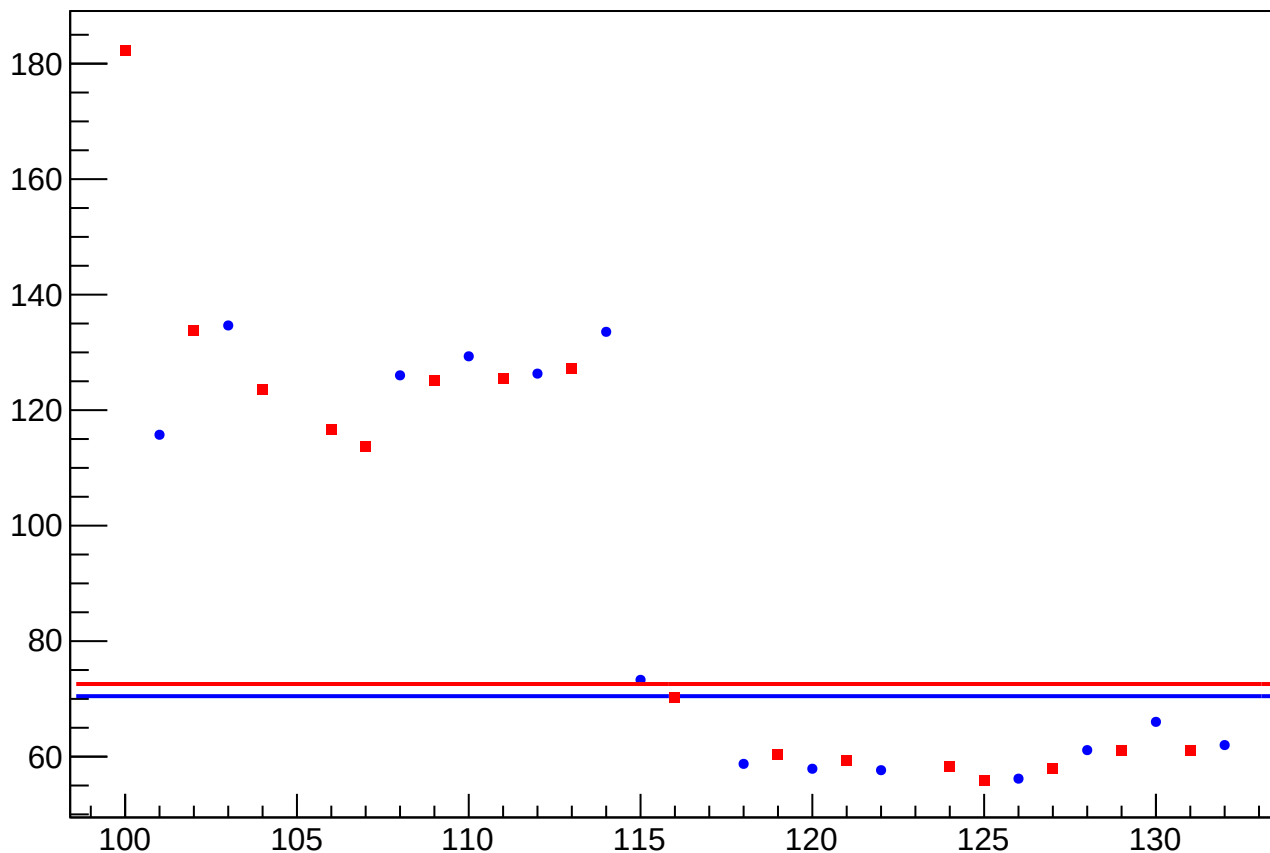
Right: 59.251 $\pm$ 21.825 χ^2 /NDF: 31.7/29

In: 57.897 $\pm$ 30.696 χ^2 /NDF:13.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 59.251 $\pm$ 21.825 χ^2 /NDF: 31.7/29

eigen_cor_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 70.472+/-0.022 χ^2/NDF : 1232128.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.576+/-0.022 χ^2/NDF : 1433656.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

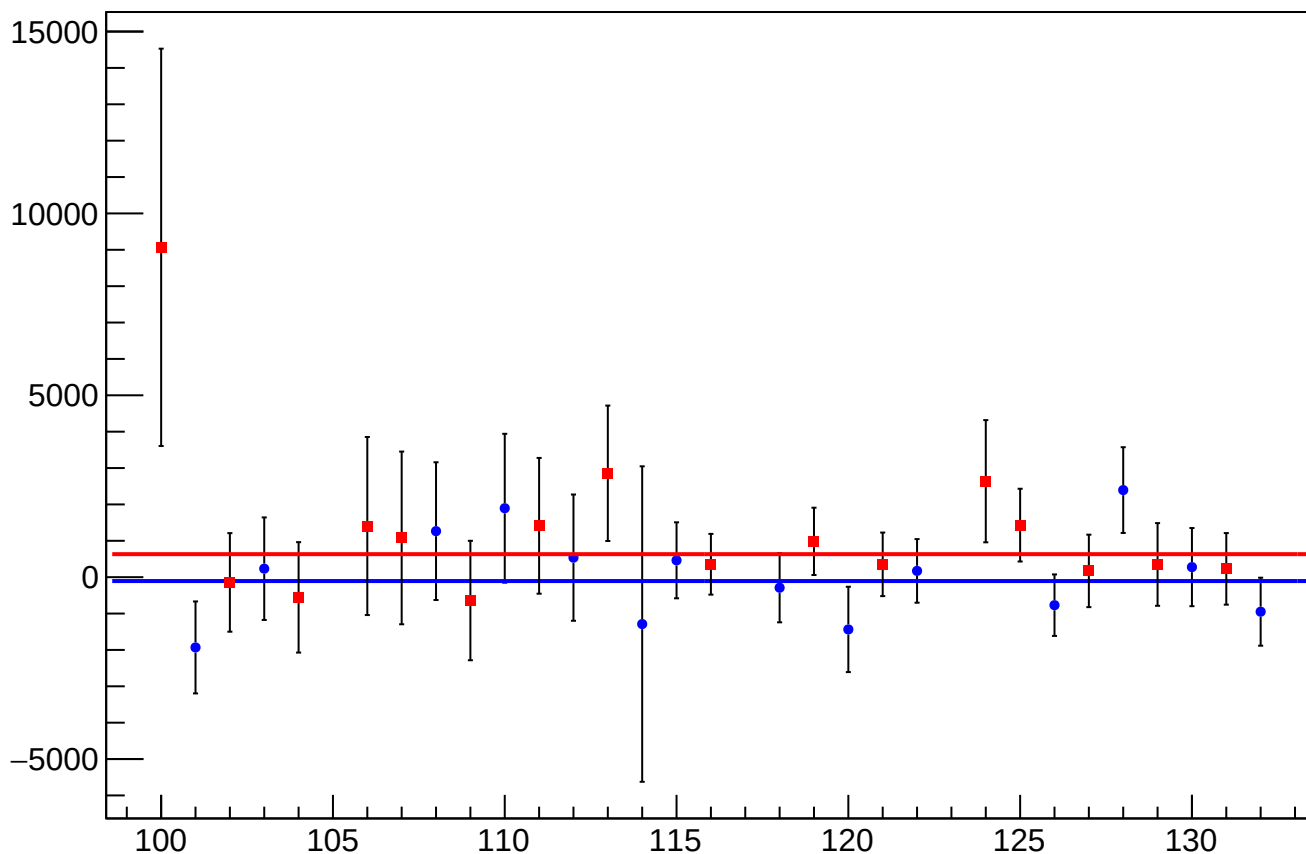
Right: 71.512+/-0.015 χ^2/NDF : 2670432.8/29

In: 70.472+/-0.022 χ^2/NDF : 1232128.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.512+/-0.015 χ^2/NDF : 2670432.8/29

asym_sam_1526_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -106.396+/-312.866 χ^2/NDF : 11.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 632.691+/-310.303 χ^2/NDF : 8.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

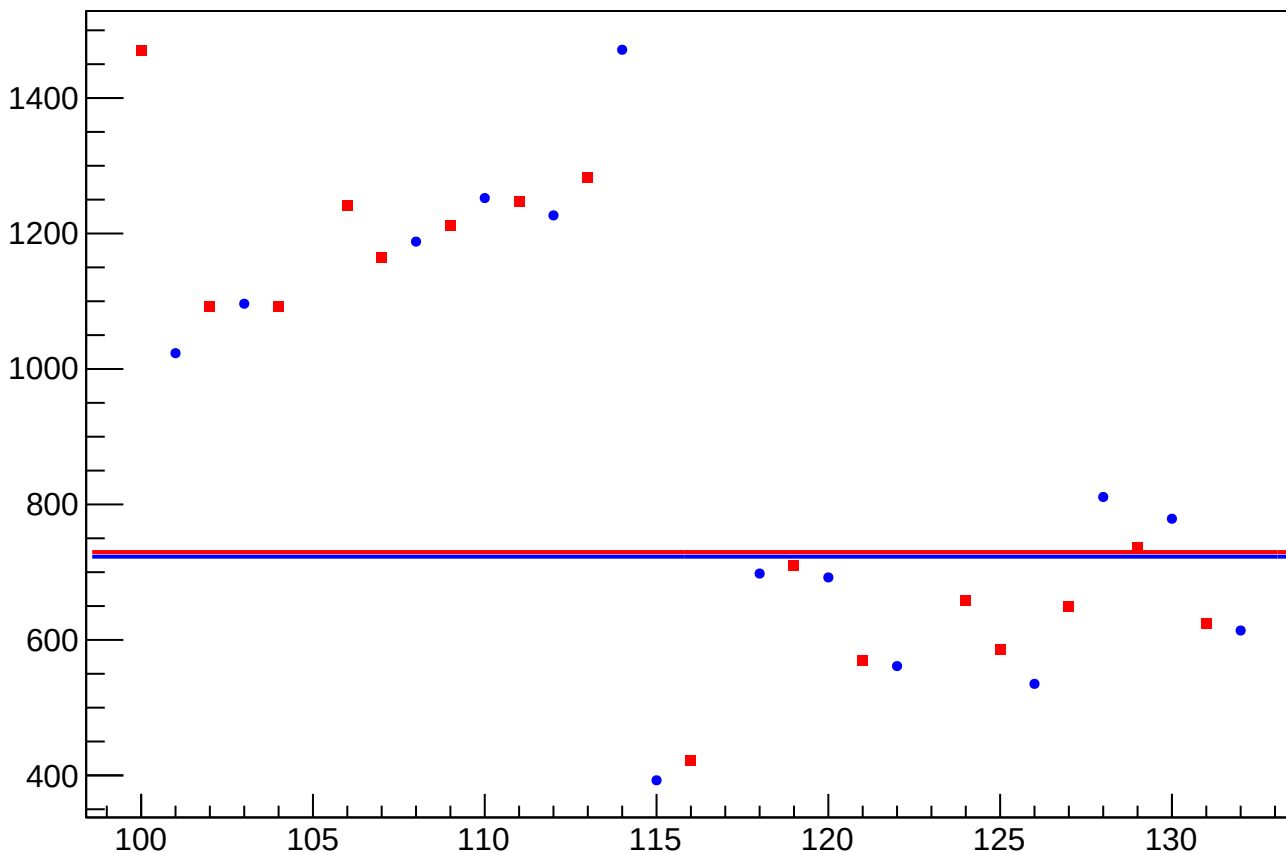
Right: 266.188+/-220.318 χ^2/NDF : 23.0/29

In: -106.396+/-312.866 χ^2/NDF : 11.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 266.188+/-220.318 χ^2/NDF : 23.0/29

asym_sam_1526_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 722.928+/-0.221 χ^2/NDF : 1149393.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 729.734+/-0.219 χ^2/NDF : 1371711.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

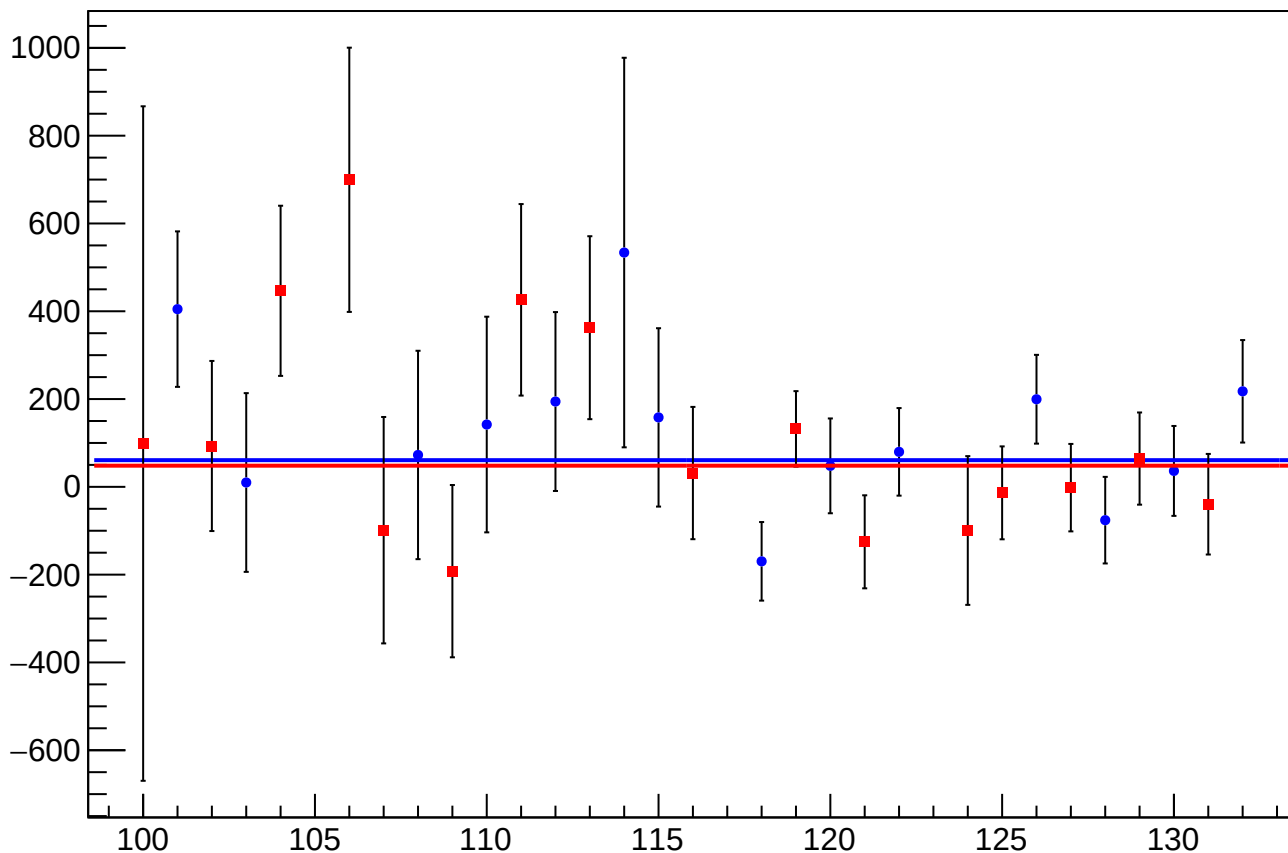
Right: 726.359+/-0.156 χ^2/NDF : 2521581.7/29

In: 722.928+/-0.221 χ^2/NDF : 1149393.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 726.359+/-0.156 χ^2/NDF : 2521581.7/29

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 60.785 $\pm$ 34.835 χ^2 /NDF: 18.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 48.244 $\pm$ 35.113 χ^2 /NDF: 21.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

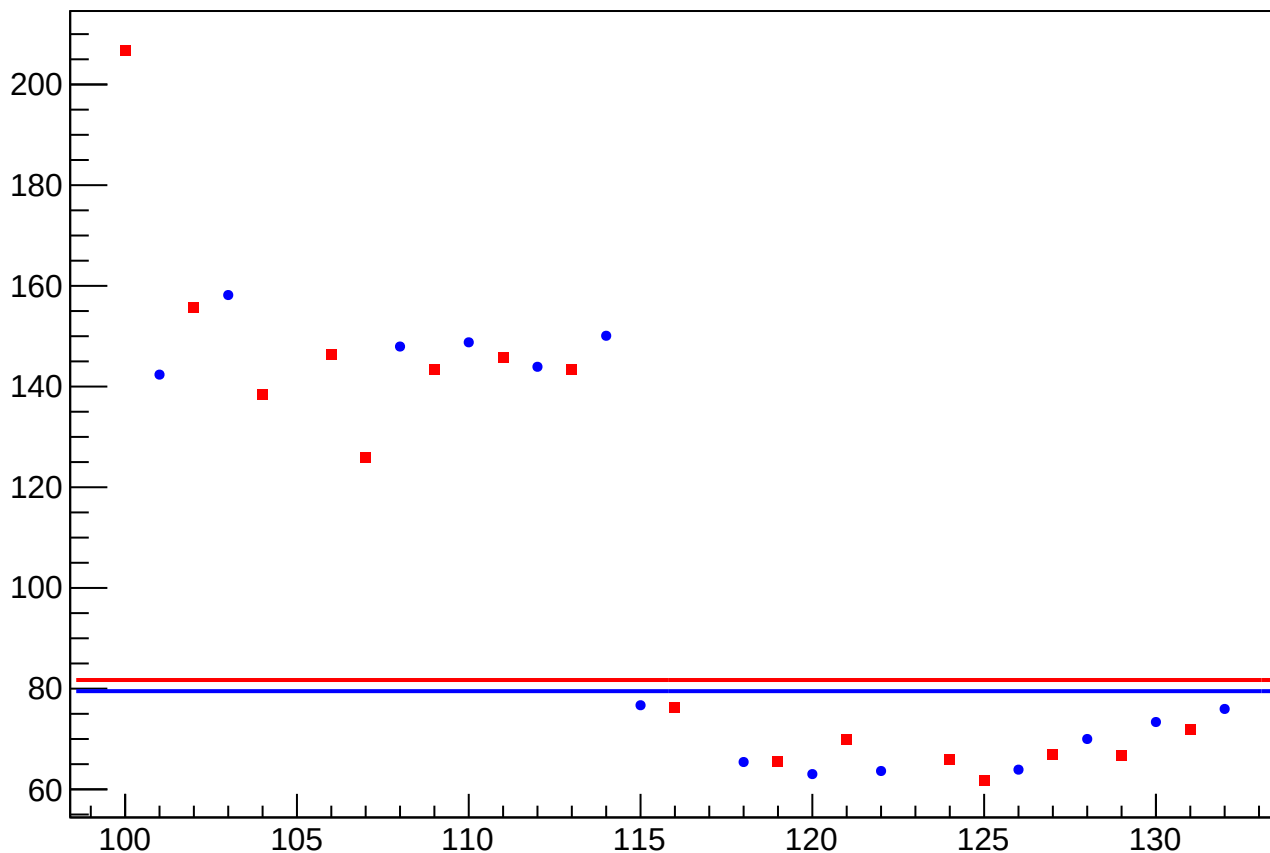
Right: 54.564 $\pm$ 24.730 χ^2 /NDF: 39.8/29

In: 60.785 $\pm$ 34.835 χ^2 /NDF:18.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 54.564 $\pm$ 24.730 χ^2 /NDF: 39.8/29

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 79.502 $\pm$ 0.025 χ^2 /NDF: 1348584.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 81.716 $\pm$ 0.025 χ^2 /NDF: 1497334.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

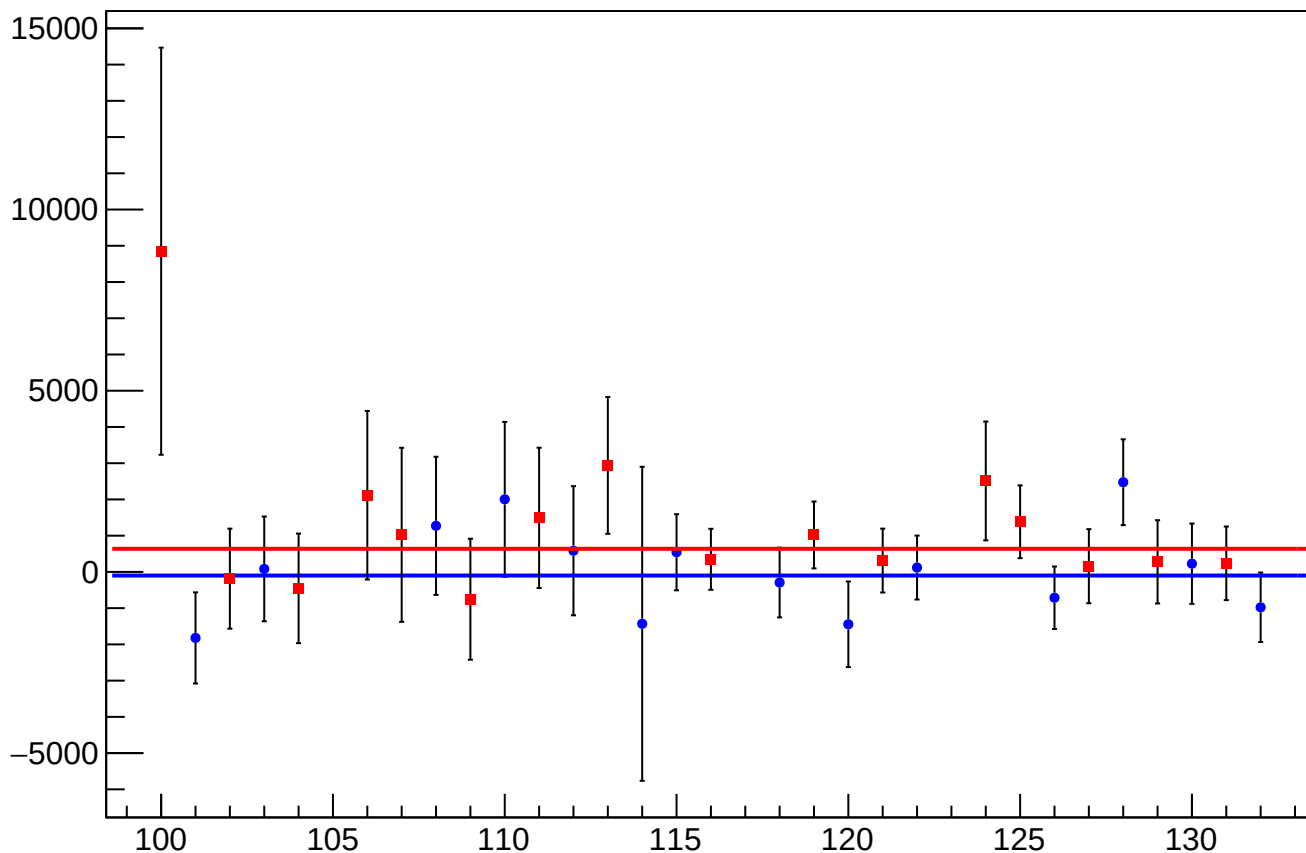
Right: 80.600 $\pm$ 0.017 χ^2 /NDF: 2849926.4/29

In: 79.502 $\pm$ 0.025 χ^2 /NDF:1348584.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 80.600 $\pm$ 0.017 χ^2 /NDF: 2849926.4/29

asym_sam_1526_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -100.151+/-317.428 χ^2/NDF : 11.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 638.077+/-313.409 χ^2/NDF : 8.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

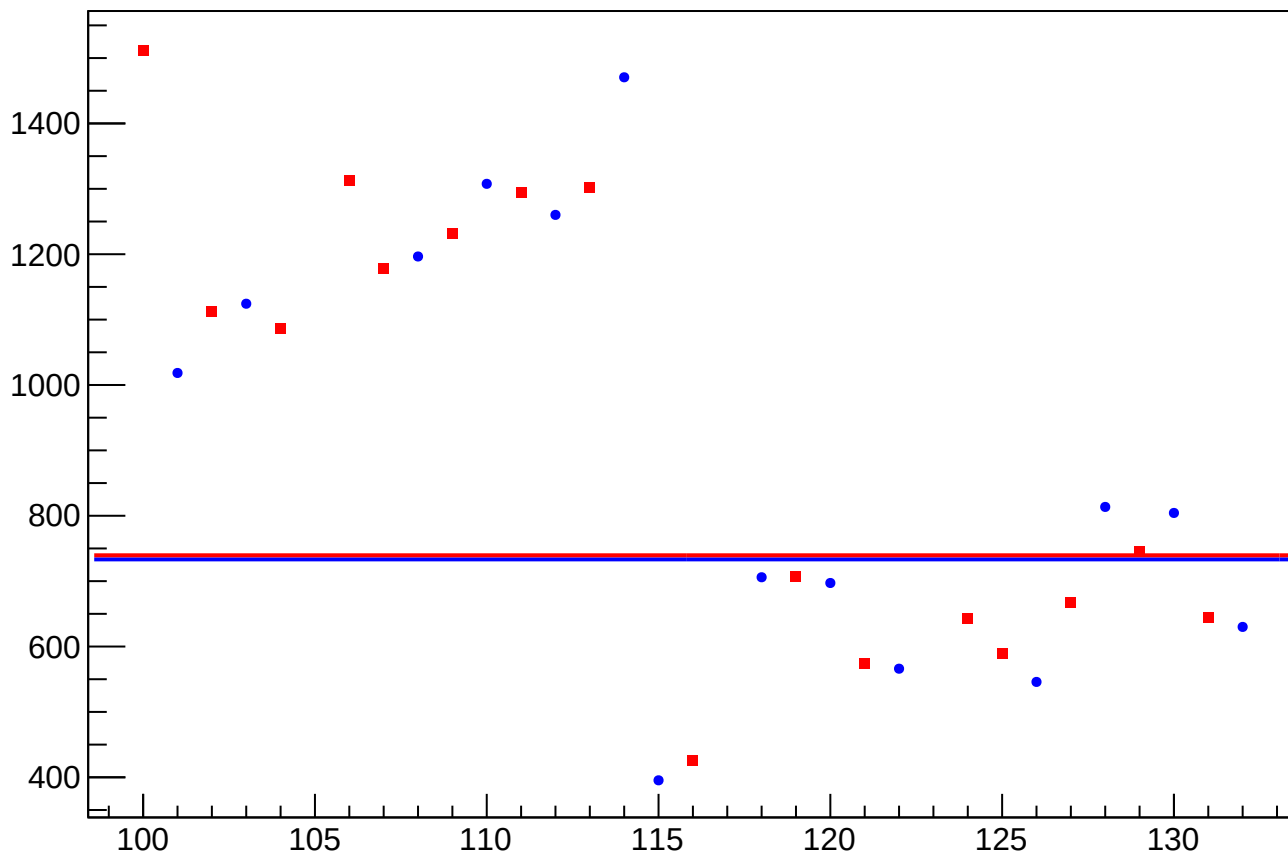
Right: 273.666+/-223.021 χ^2/NDF : 22.9/29

In: -100.151+/-317.428 χ^2/NDF : 11.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 273.666+/-223.021 χ^2/NDF : 22.9/29

asym_sam_1526_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 733.301+/-0.224 χ^2/NDF : 1162035.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 739.539+/-0.222 χ^2/NDF : 1424419.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

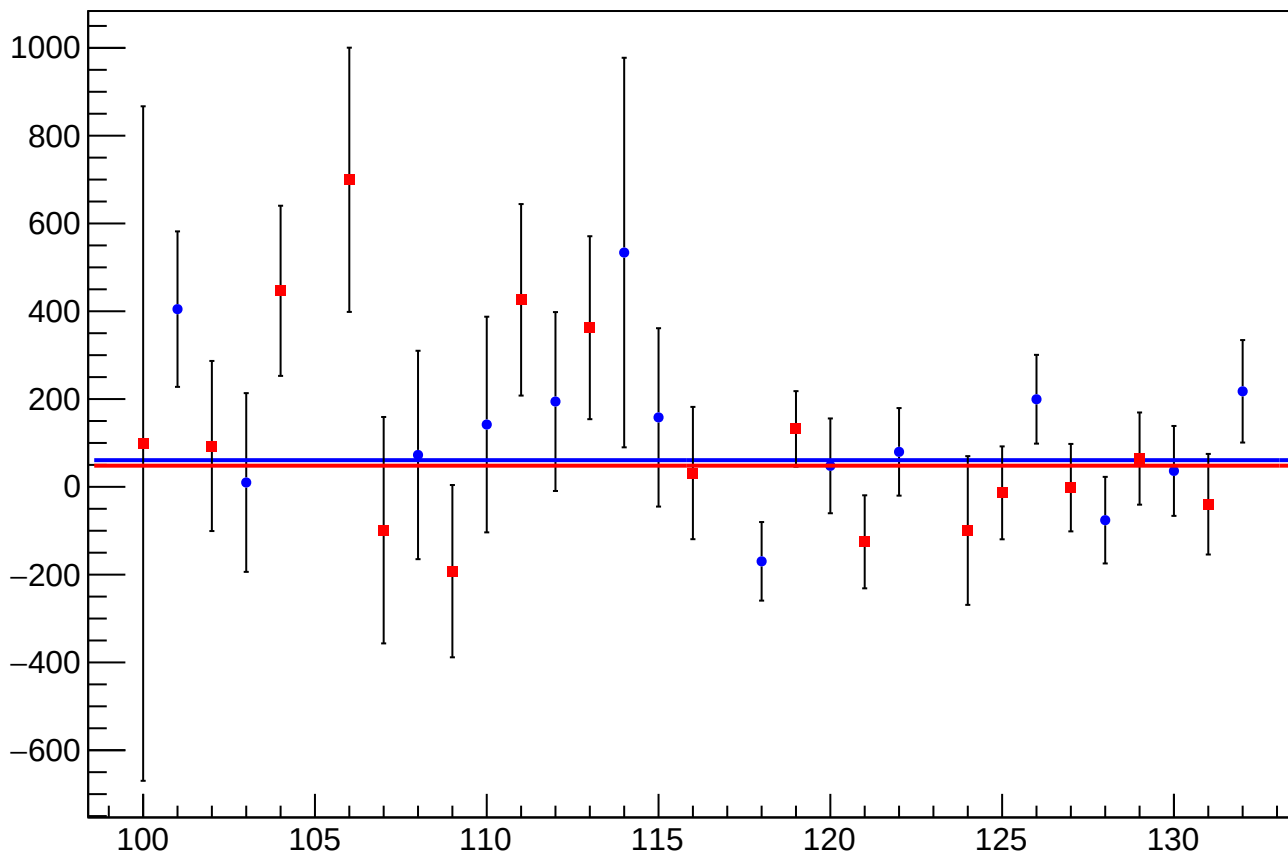
Right: 736.460+/-0.158 χ^2/NDF : 2586846.1/29

In: 733.301+/-0.224 χ^2/NDF : 1162035.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 736.460+/-0.158 χ^2/NDF : 2586846.1/29

eigen_dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 60.785 $\pm$ 34.835 χ^2 /NDF: 18.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 48.244 $\pm$ 35.113 χ^2 /NDF: 21.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

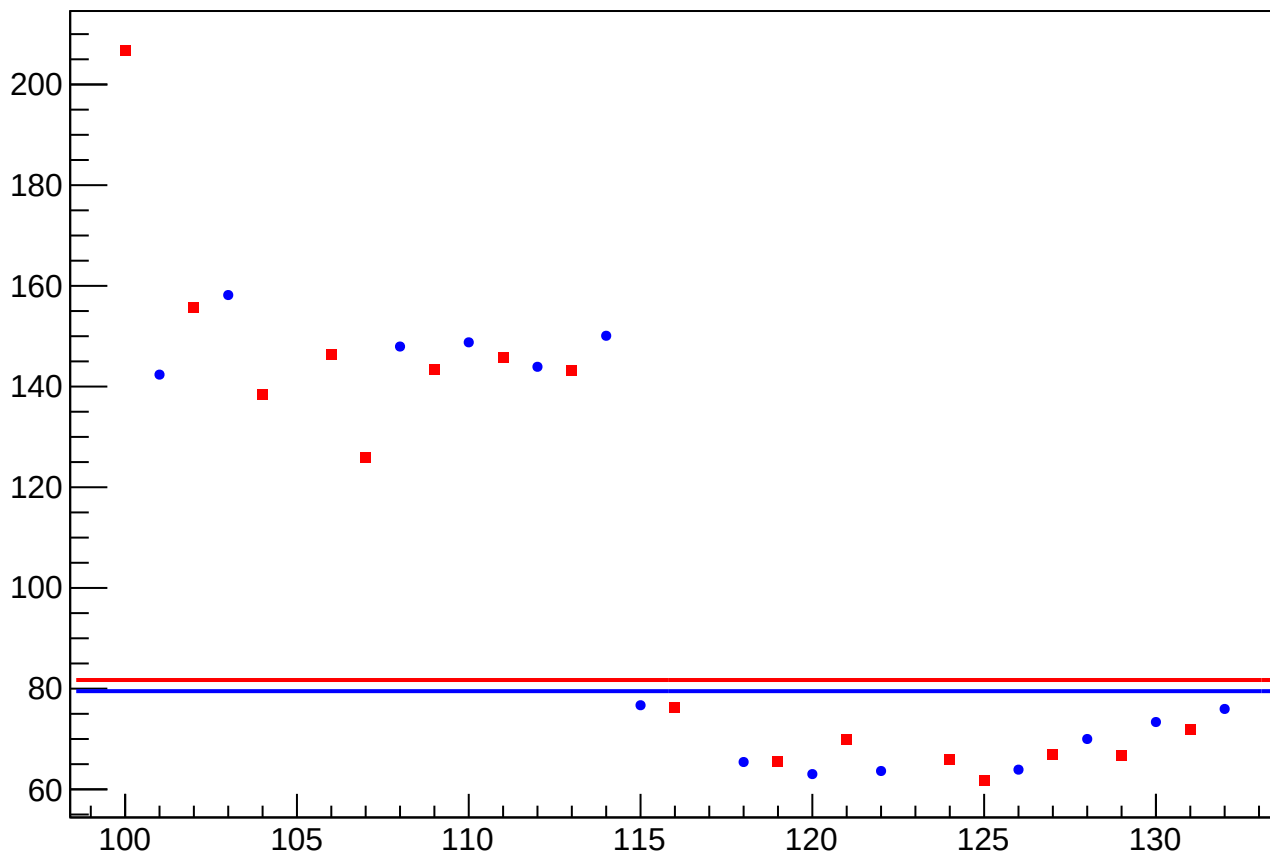
Right: 54.564 $\pm$ 24.730 χ^2 /NDF: 39.8/29

In: 60.785 $\pm$ 34.835 χ^2 /NDF:18.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 54.564 $\pm$ 24.730 χ^2 /NDF: 39.8/29

eigen_dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 79.501+/-0.025 χ^2/NDF : 1348582.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.715+/-0.025 χ^2/NDF : 1497334.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

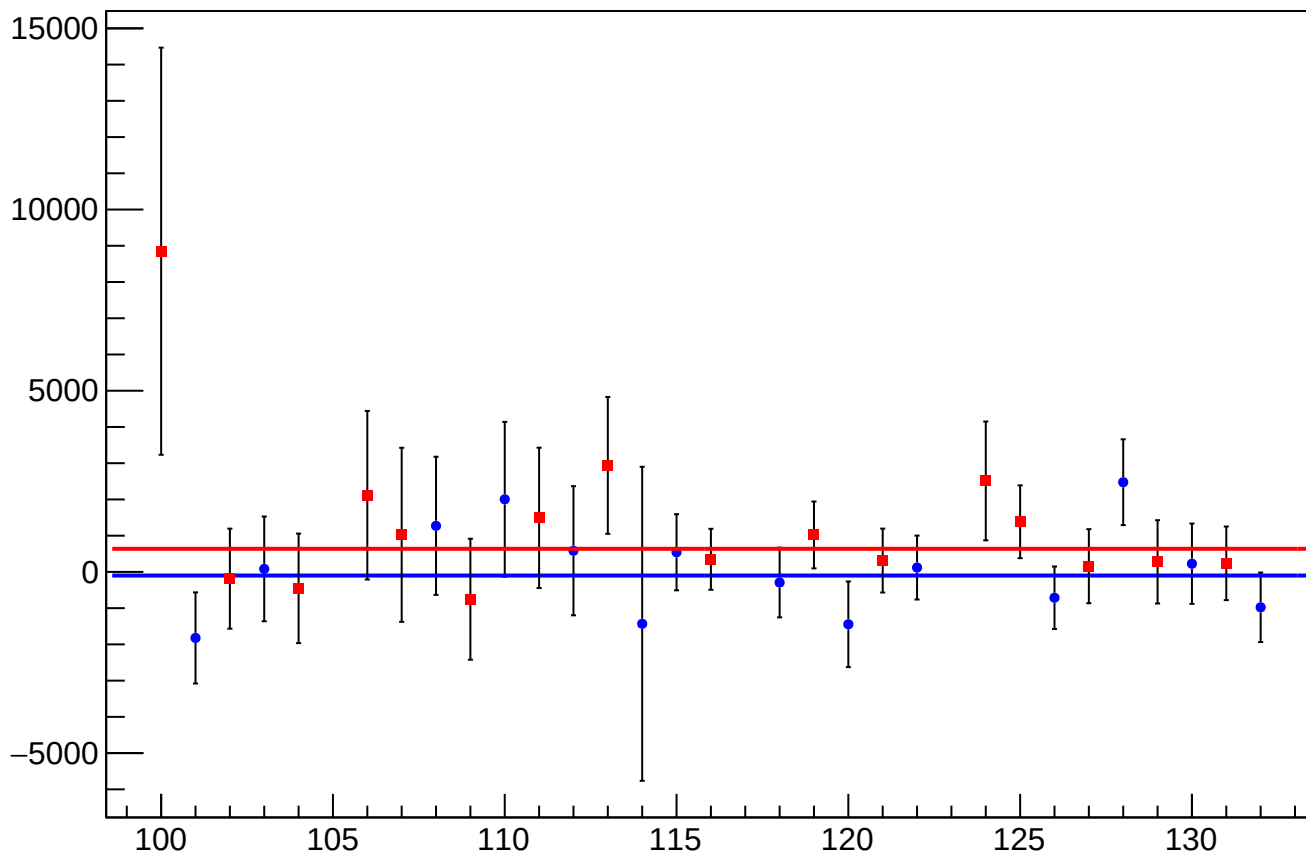
Right: 80.599+/-0.017 χ^2/NDF : 2849924.2/29

In: 79.501+/-0.025 χ^2/NDF : 1348582.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.599+/-0.017 χ^2/NDF : 2849924.2/29

asym_sam_1526_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -100.151 ± 317.427 χ^2/NDF : 11.6/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 638.076 ± 313.408 χ^2/NDF : 8.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

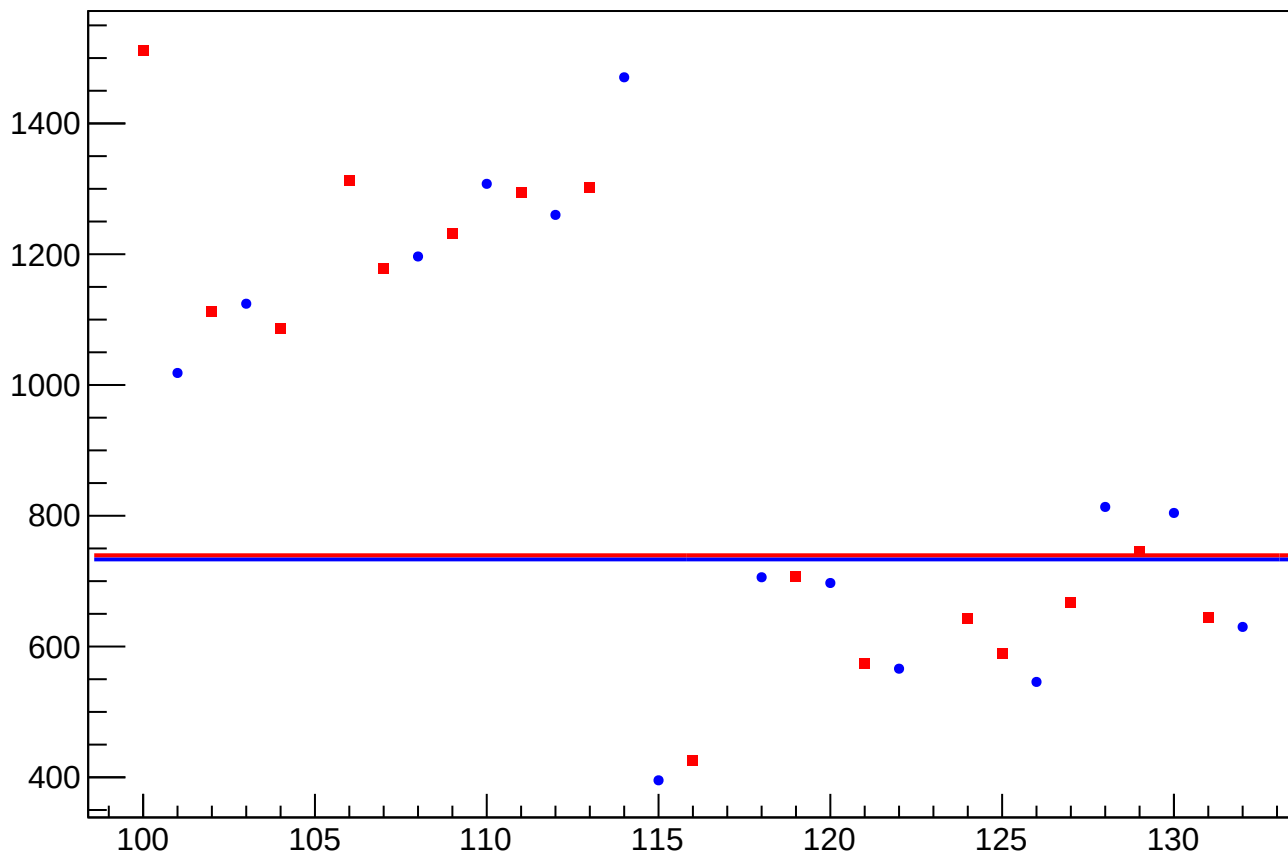
Right: 273.665 ± 223.020 χ^2/NDF : 22.9/29

In: -100.151 ± 317.427 χ^2/NDF : 11.6/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 273.665 ± 223.020 χ^2/NDF : 22.9/29

asym_sam_1526_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 733.299+/-0.224 χ^2/NDF : 1162022.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 739.538+/-0.222 χ^2/NDF : 1424407.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

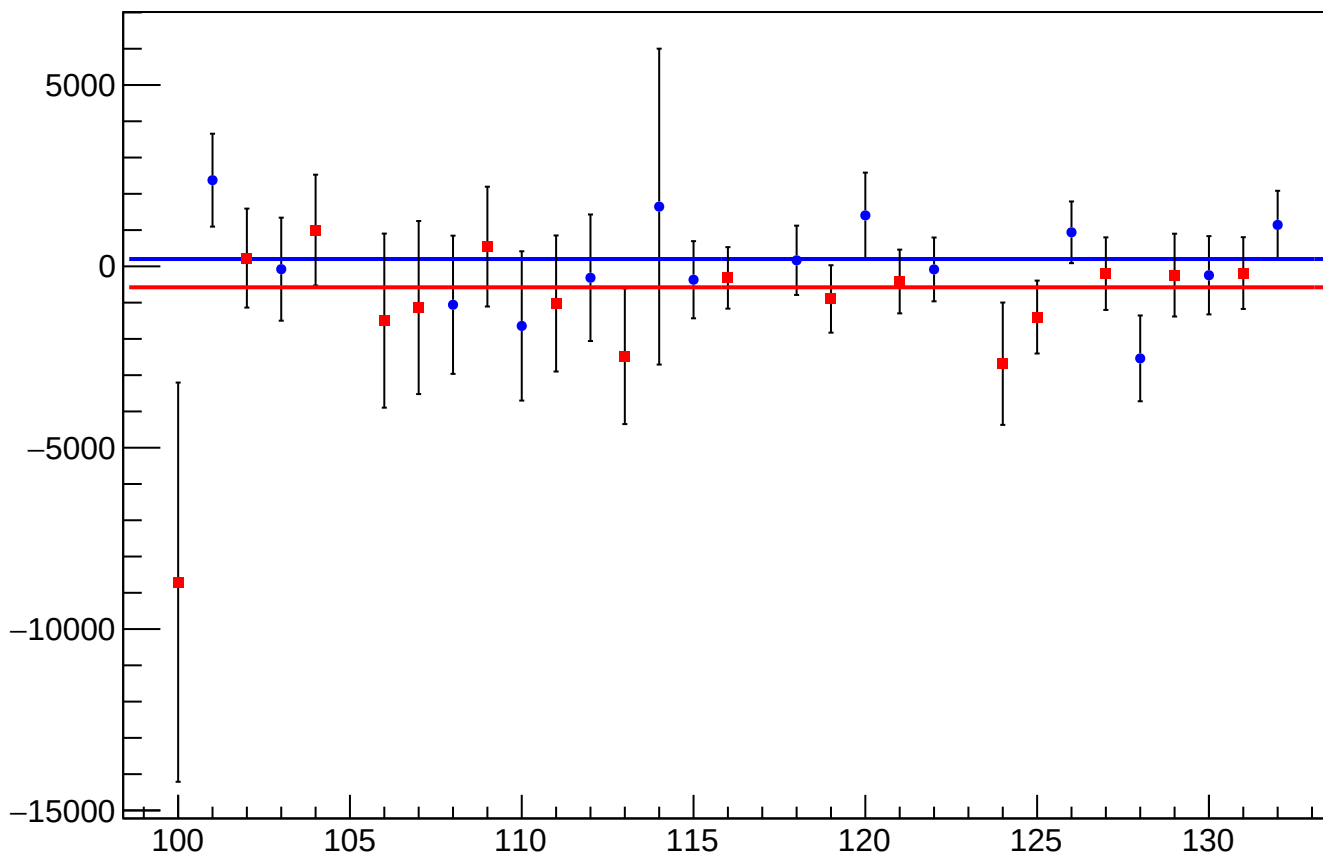
Right: 736.458+/-0.158 χ^2/NDF : 2586821.8/29

In: 733.299+/-0.224 χ^2/NDF : 1162022.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 736.458+/-0.158 χ^2/NDF : 2586821.8/29

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 202.691 $\pm$ 314.988 χ^2 /NDF: 13.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -577.054 $\pm$ 312.234 χ^2 /NDF: 8.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

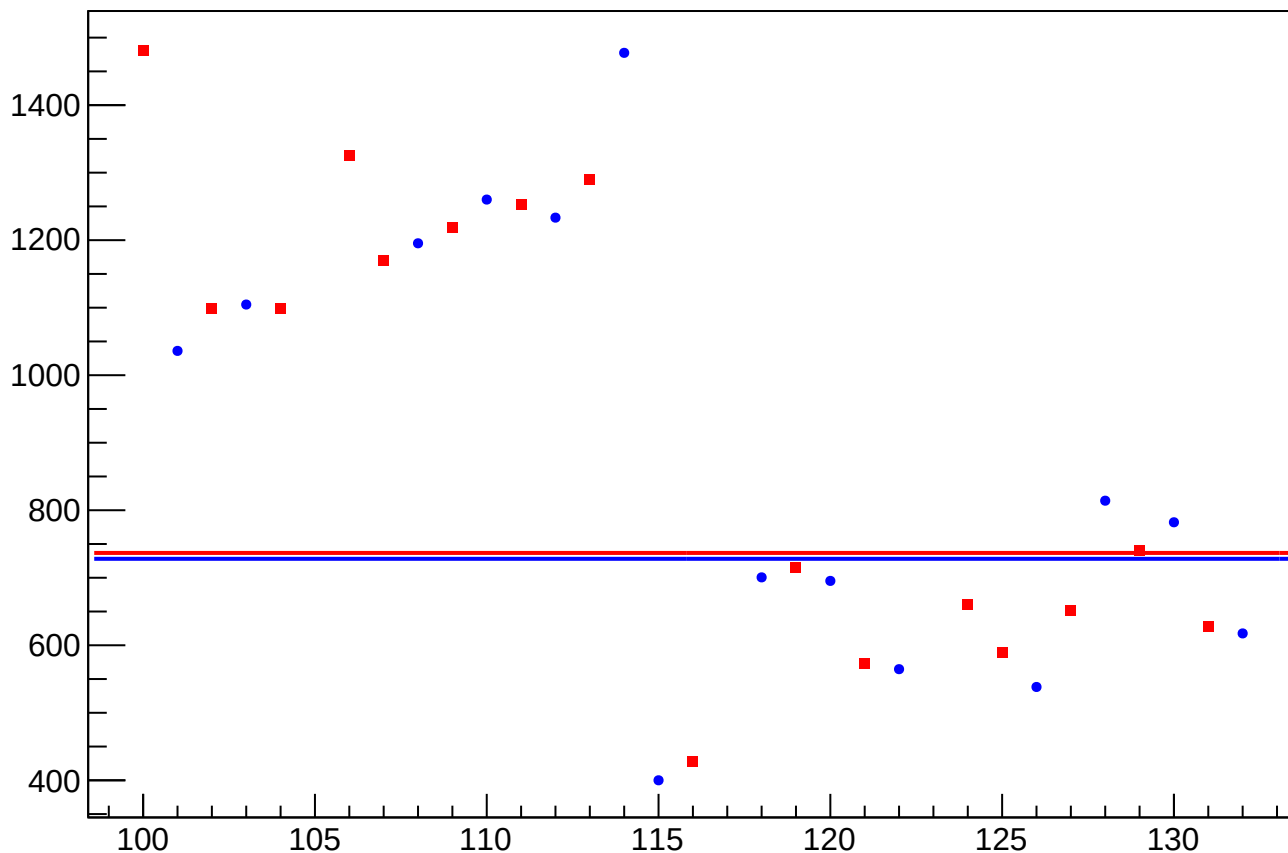
Right: -190.605 $\pm$ 221.750 χ^2 /NDF: 24.4/29

In: 202.691 $\pm$ 314.988 χ^2 /NDF:13.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -190.605 $\pm$ 221.750 χ^2 /NDF: 24.4/29

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 728.063+/-0.223 χ^2/NDF : 1142716.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 736.764+/-0.221 χ^2/NDF : 1395043.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

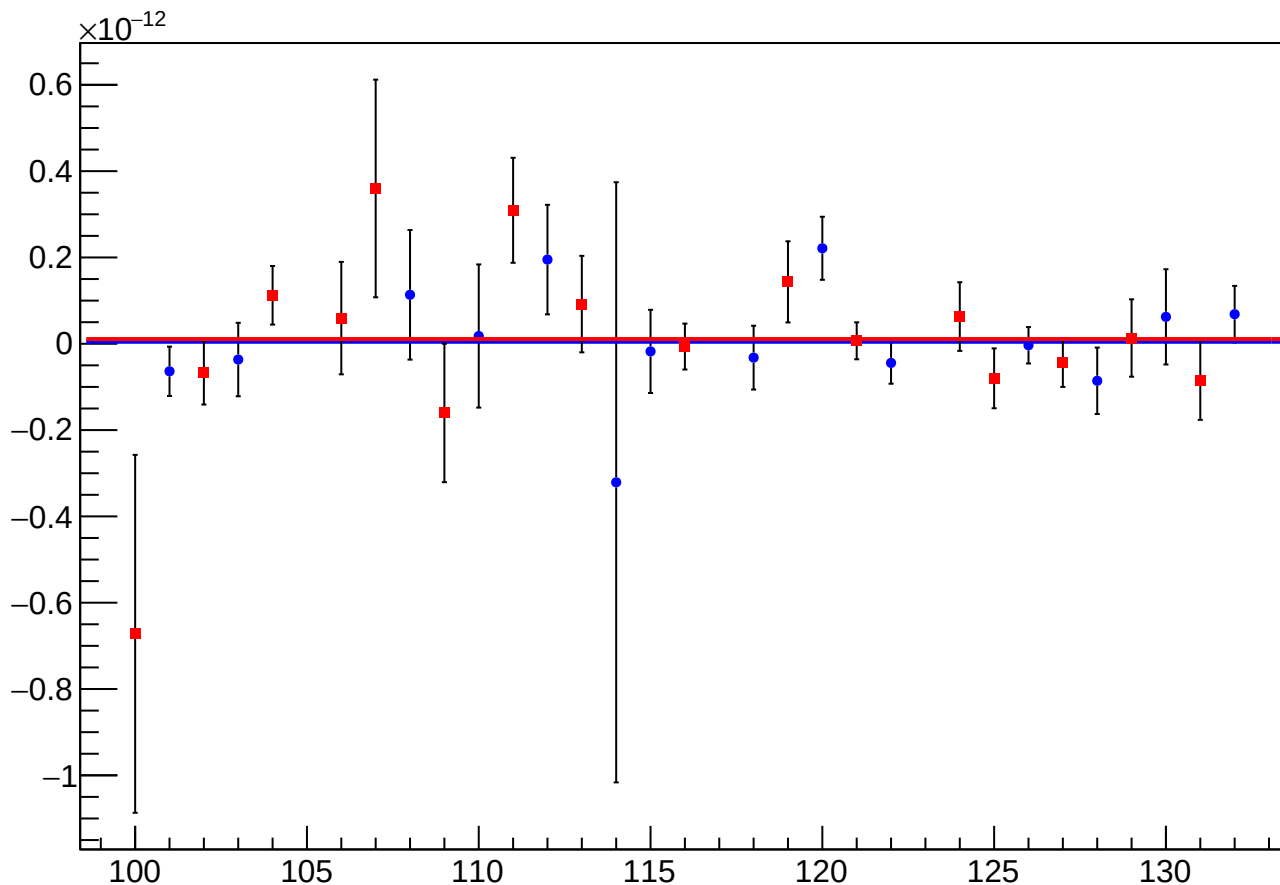
Right: 732.452+/-0.157 χ^2/NDF : 2538530.3/29

In: 728.063+/-0.223 χ^2/NDF : 1142716.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 732.452+/-0.157 χ^2/NDF : 2538530.3/29

asym_sam_1526_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 17.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 22.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

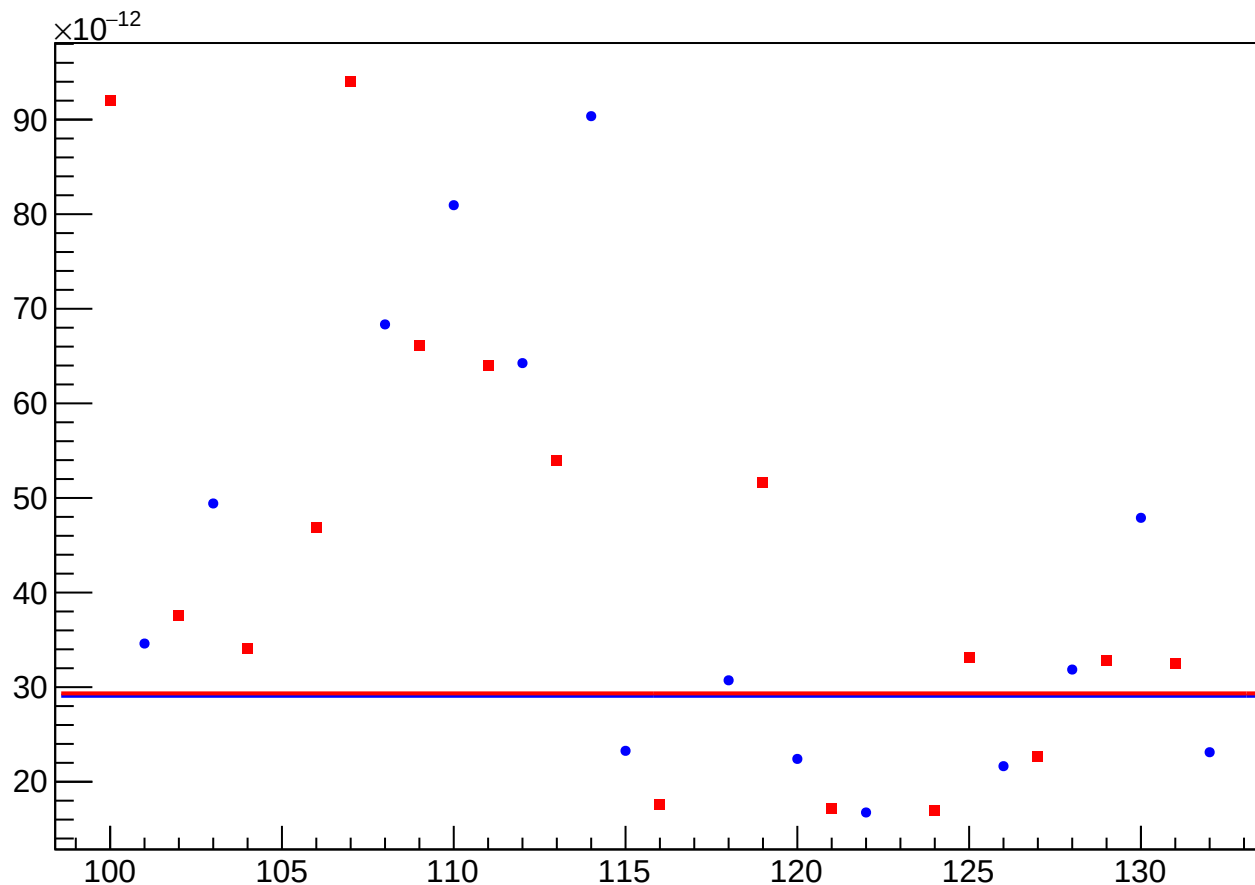
Right: 0.000+/-0.000 χ^2/NDF : 39.5/29

In: 0.000+/-0.000 χ^2/NDF : 17.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 39.5/29

asym_sam_1526_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 929367.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1071353.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

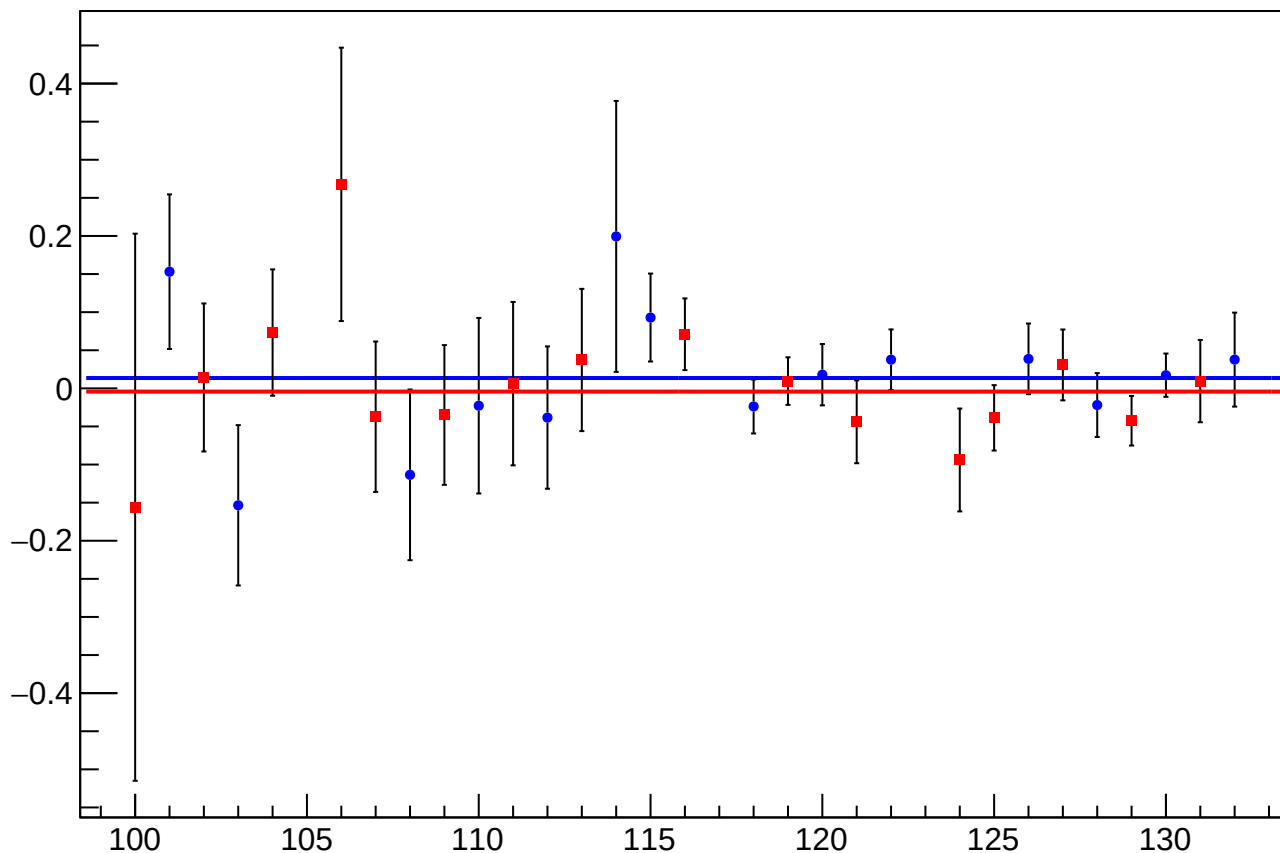
Right: 0.000+/-0.000 χ^2/NDF : 2000885.3/29

In: 0.000+/-0.000 χ^2/NDF : 929367.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2000885.3/29

asym_sam_1526_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.014 χ^2/NDF : 11.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.004+/-0.014 χ^2/NDF : 11.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

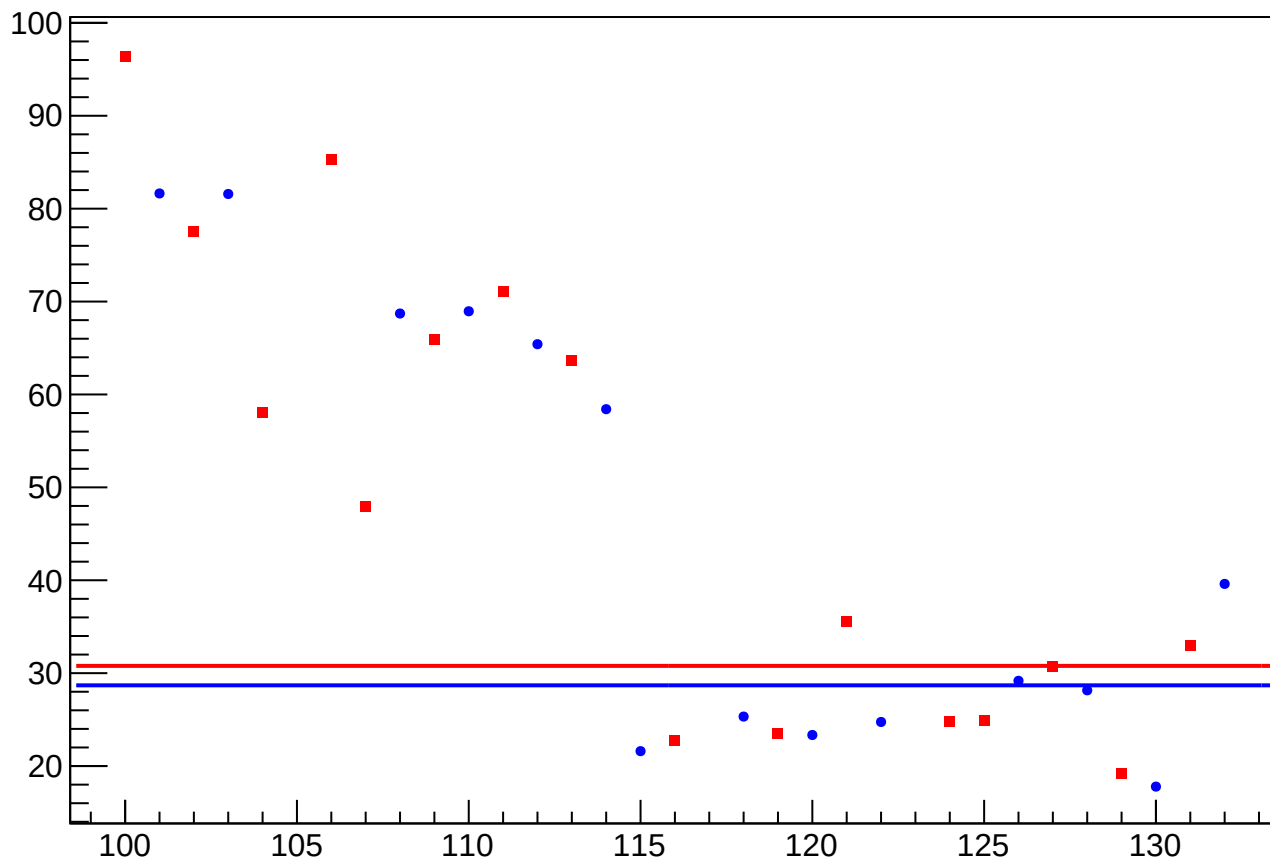
Right: 0.005+/-0.010 χ^2/NDF : 24.1/29

In: 0.014+/-0.014 χ^2/NDF :11.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.010 χ^2/NDF : 24.1/29

asym_sam_1526_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.689+/-0.010 χ^2/NDF : 2375596.3/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 30.784+/-0.010 χ^2/NDF : 2311047.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

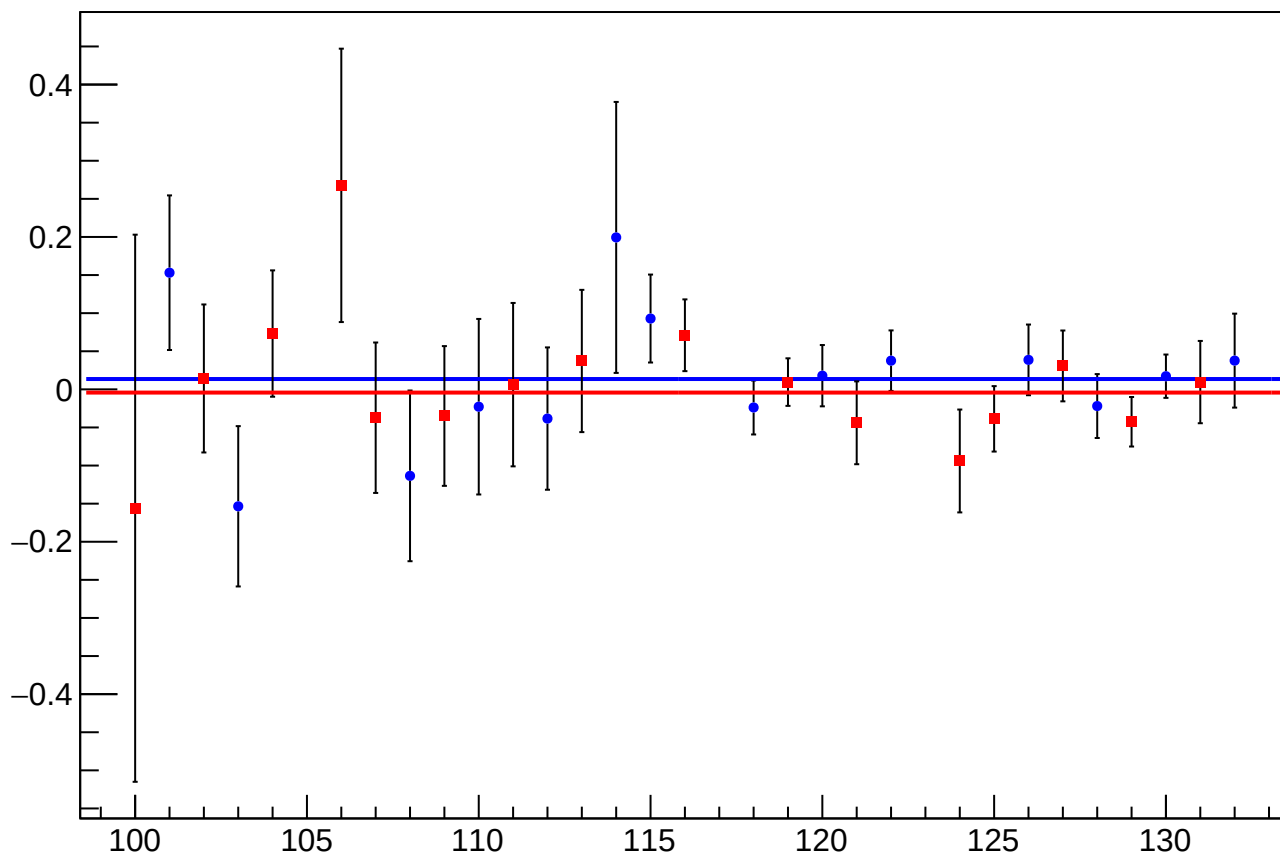
Right: 29.703+/-0.007 χ^2/NDF : 4709470.9/29

In: 28.689+/-0.010 χ^2/NDF :2375596.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 29.703+/-0.007 χ^2/NDF : 4709470.9/29

asym_sam_1526_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.014 χ^2/NDF : 11.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.004+/-0.014 χ^2/NDF : 11.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

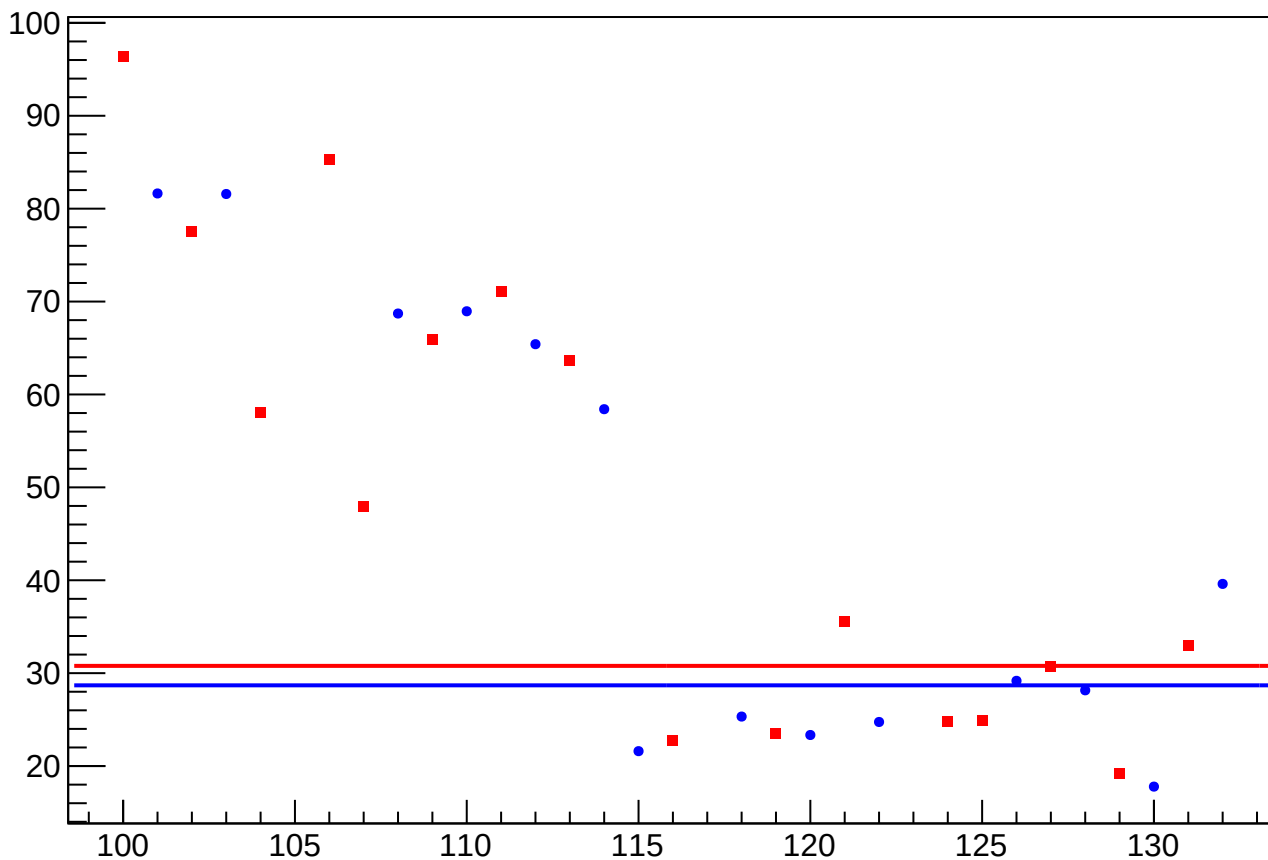
Right: 0.005+/-0.010 χ^2/NDF : 24.1/29

In: 0.014+/-0.014 χ^2/NDF : 11.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.010 χ^2/NDF : 24.1/29

asym_sam_1526_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.689+/-0.010 χ^2/NDF : 2375596.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.784+/-0.010 χ^2/NDF : 2311047.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

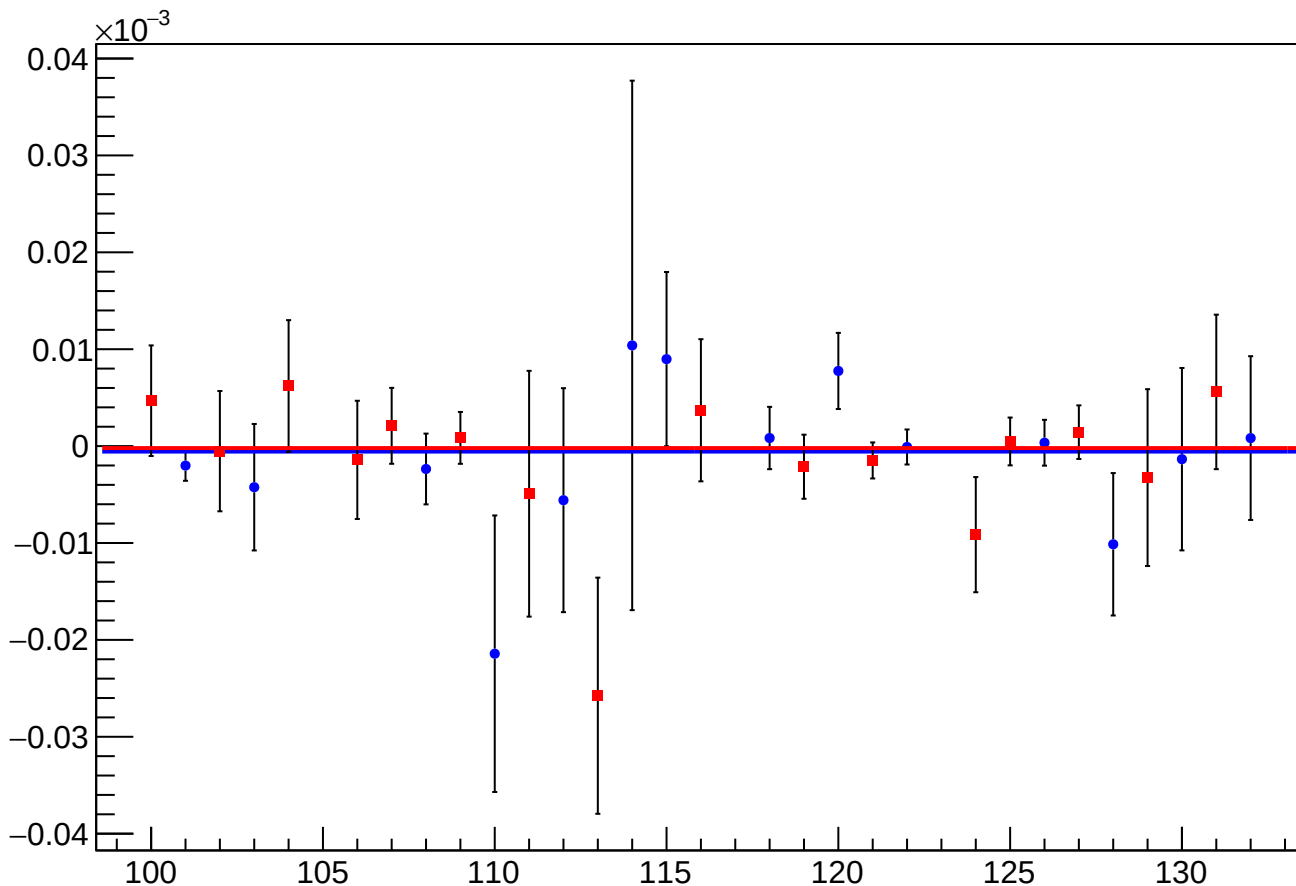
Right: 29.703+/-0.007 χ^2/NDF : 4709470.9/29

In: 28.689+/-0.010 χ^2/NDF : 2375596.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.703+/-0.007 χ^2/NDF : 4709470.9/29

asym_sam_1526_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

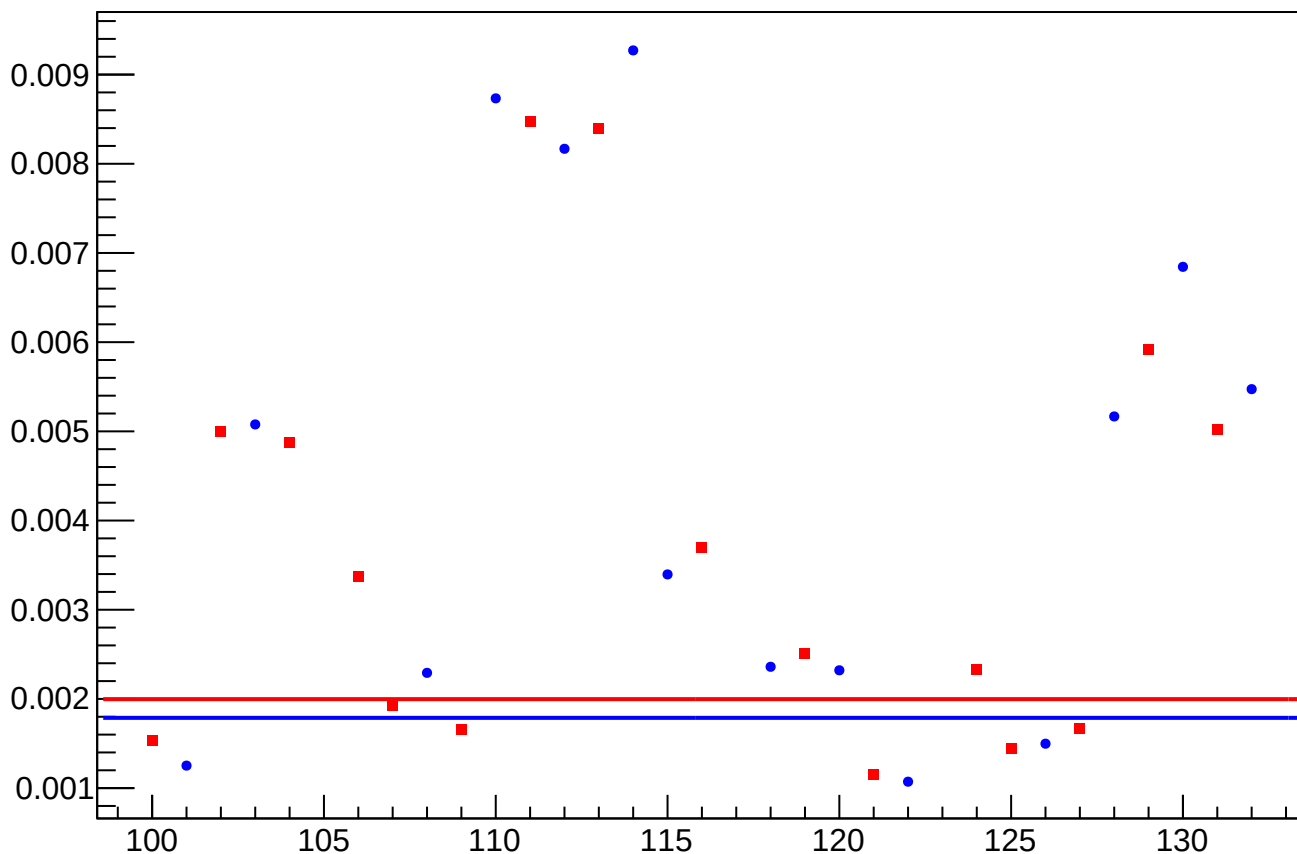
Right: -0.000+/-0.000 χ^2/NDF : 22.8/29

In: -0.000+/-0.000 χ^2/NDF : 11.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.8/29

asym_sam_1526_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 3900012.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3402229.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

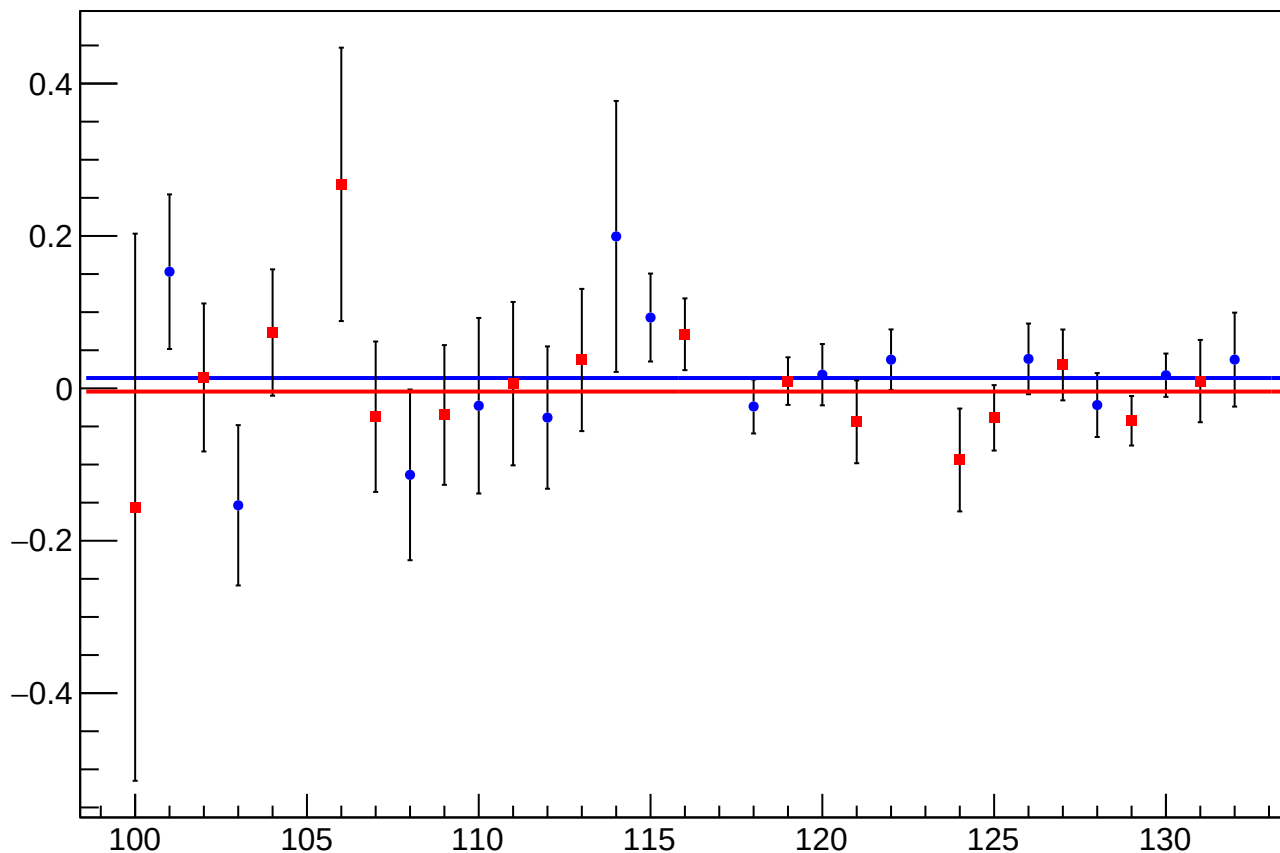
Right: 0.002+/-0.000 χ^2/NDF : 7352536.6/29

In: 0.002+/-0.000 χ^2/NDF :3900012.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 7352536.6/29

asym_sam_1526_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.014 χ^2 /NDF: 11.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.014 χ^2 /NDF: 11.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

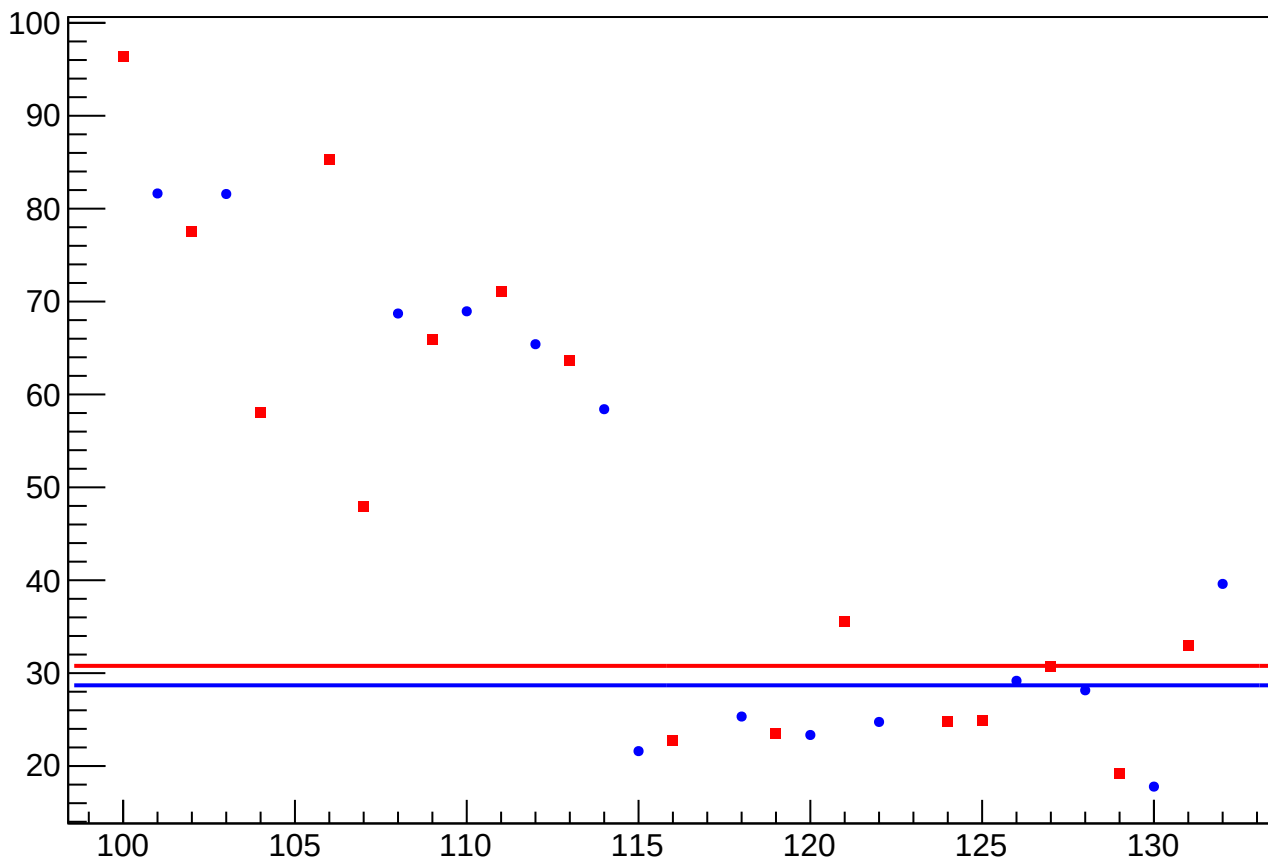
Right: 0.005 $\pm$ 0.010 χ^2 /NDF: 24.1/29

In: 0.014 $\pm$ 0.014 χ^2 /NDF:11.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.005 $\pm$ 0.010 χ^2 /NDF: 24.1/29

asym_sam_1526_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.688+/-0.010 χ^2/NDF : 2375760.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.782+/-0.010 χ^2/NDF : 2311187.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

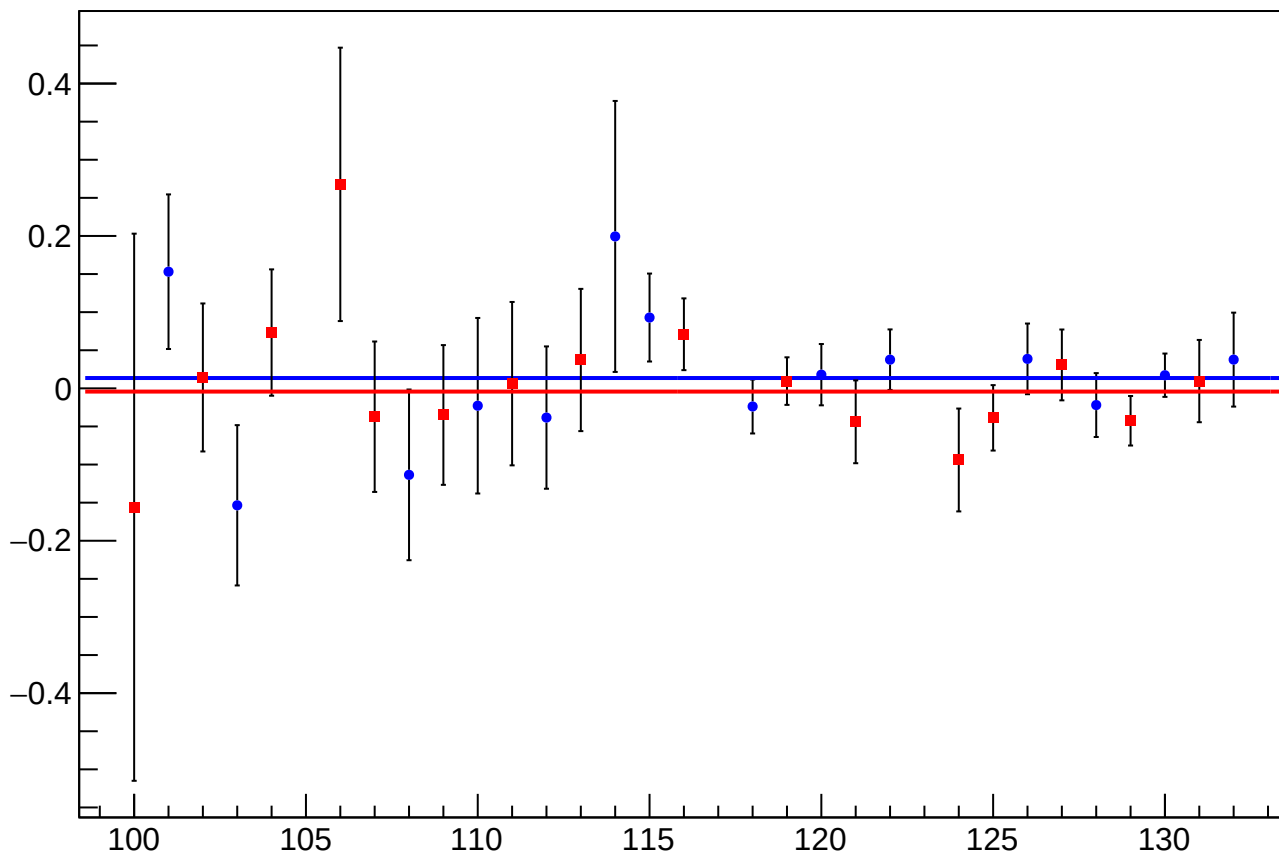
Right: 29.702+/-0.007 χ^2/NDF : 4709778.1/29

In: 28.688+/-0.010 χ^2/NDF : 2375760.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.702+/-0.007 χ^2/NDF : 4709778.1/29

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.014 χ^2/NDF : 11.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.004+/-0.014 χ^2/NDF : 11.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

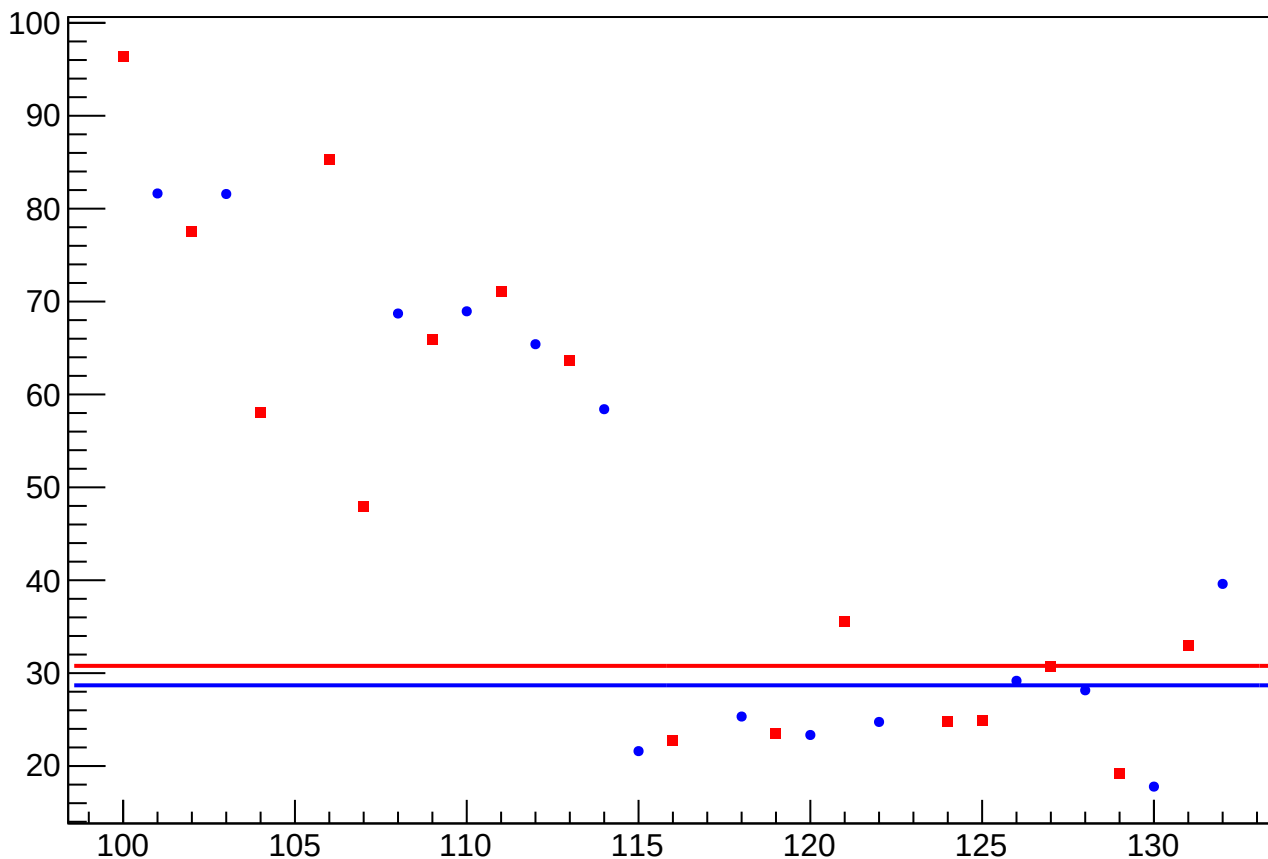
Right: 0.005+/-0.010 χ^2/NDF : 24.1/29

In: 0.014+/-0.014 χ^2/NDF :11.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.010 χ^2/NDF : 24.1/29

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.688+/-0.010 χ^2/NDF : 2375760.9/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 30.782+/-0.010 χ^2/NDF : 2311187.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

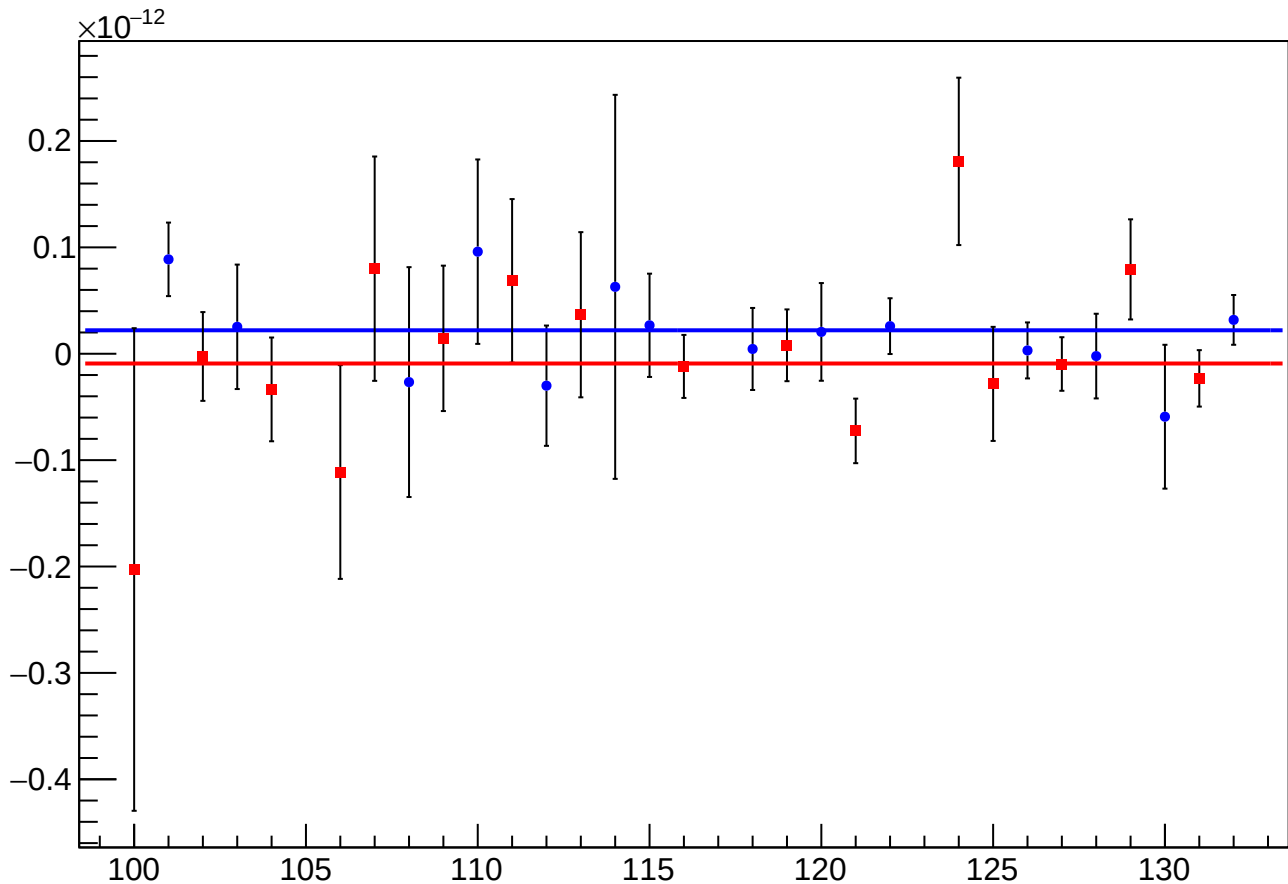
Right: 29.702+/-0.007 χ^2/NDF : 4709778.1/29

In: 28.688+/-0.010 χ^2/NDF :2375760.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 29.702+/-0.007 χ^2/NDF : 4709778.1/29

asym_sam_1526_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

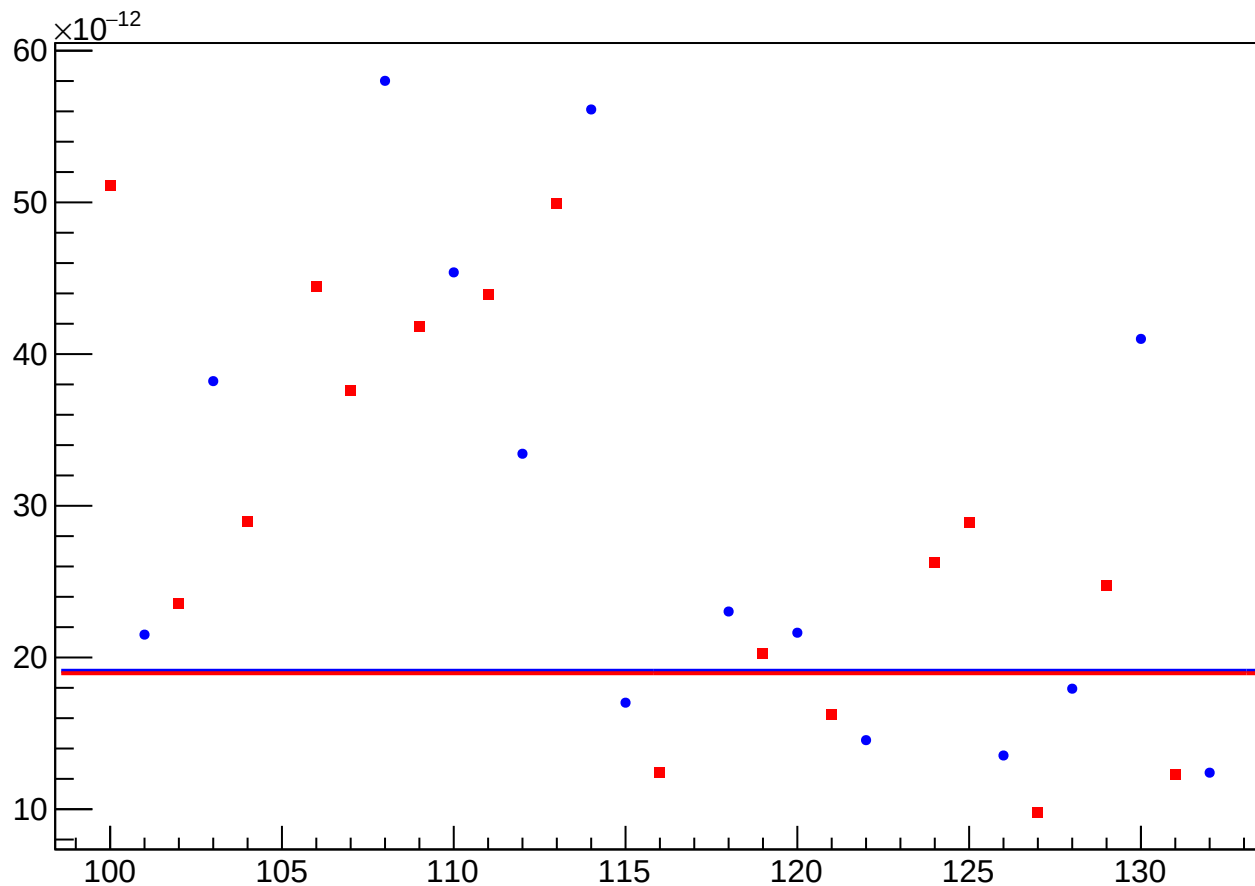
Right: 0.000+/-0.000 χ^2/NDF : 31.2/29

In: 0.000+/-0.000 χ^2/NDF : 8.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 31.2/29

asym_sam_1526_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1434498.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1720279.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

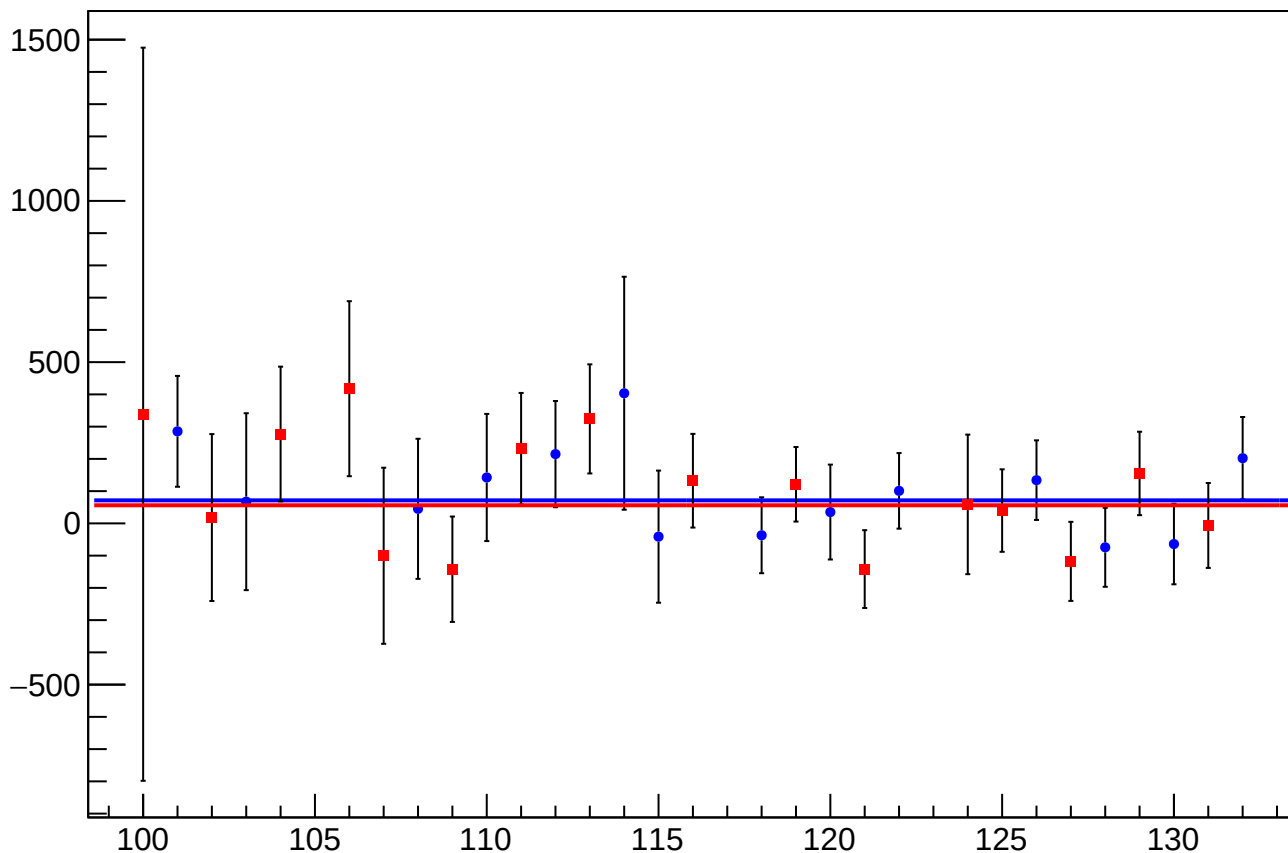
Right: 0.000+/-0.000 χ^2/NDF : 3155007.2/29

In: 0.000+/-0.000 χ^2/NDF : 1434498.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3155007.2/29

reg_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 71.401 $\pm$ 40.439 χ^2 /NDF: 8.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 56.151 $\pm$ 39.875 χ^2 /NDF: 14.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

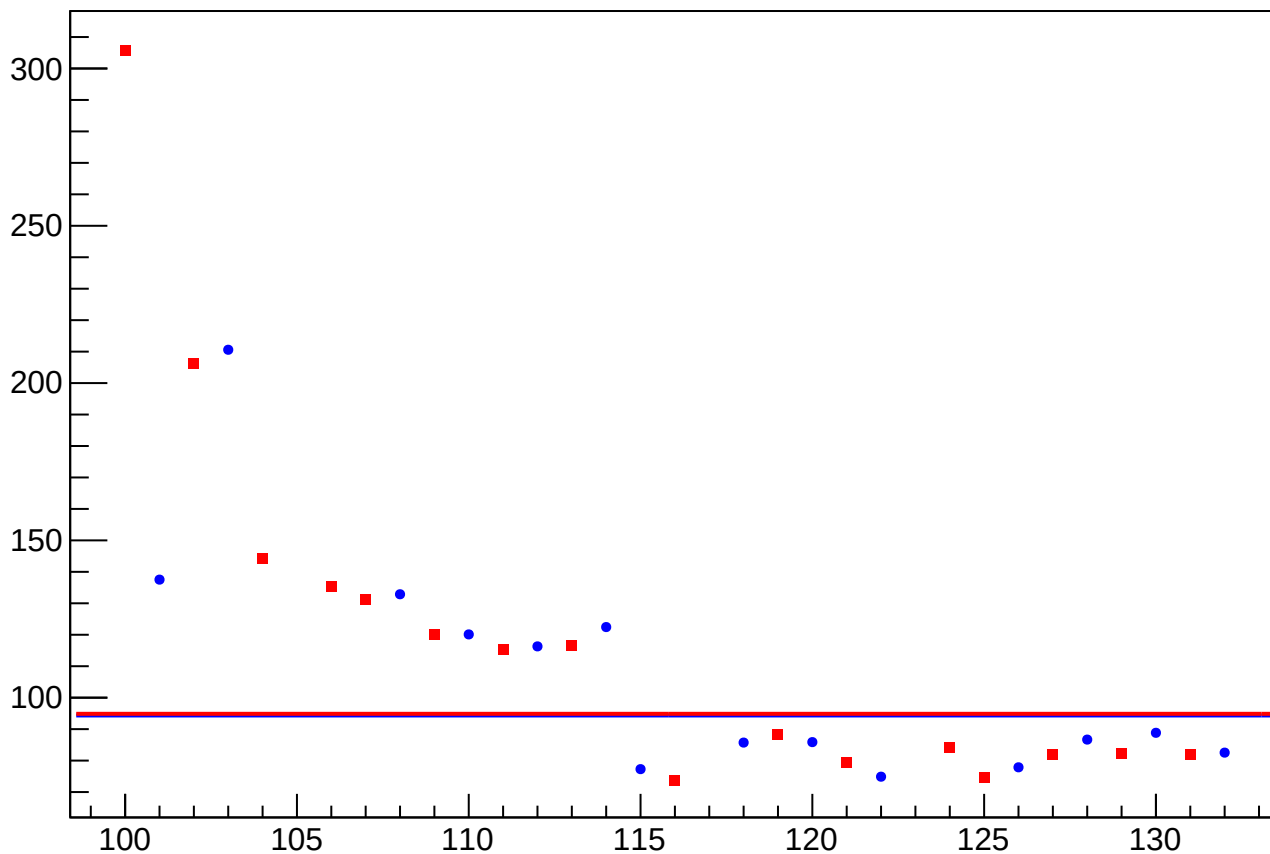
Right: 63.669 $\pm$ 28.393 χ^2 /NDF: 23.0/29

In: 71.401 $\pm$ 40.439 χ^2 /NDF: 8.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 63.669 $\pm$ 28.393 χ^2 /NDF: 23.0/29

reg_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 94.347+/-0.029 χ^2/NDF : 780989.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.869+/-0.028 χ^2/NDF : 936277.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

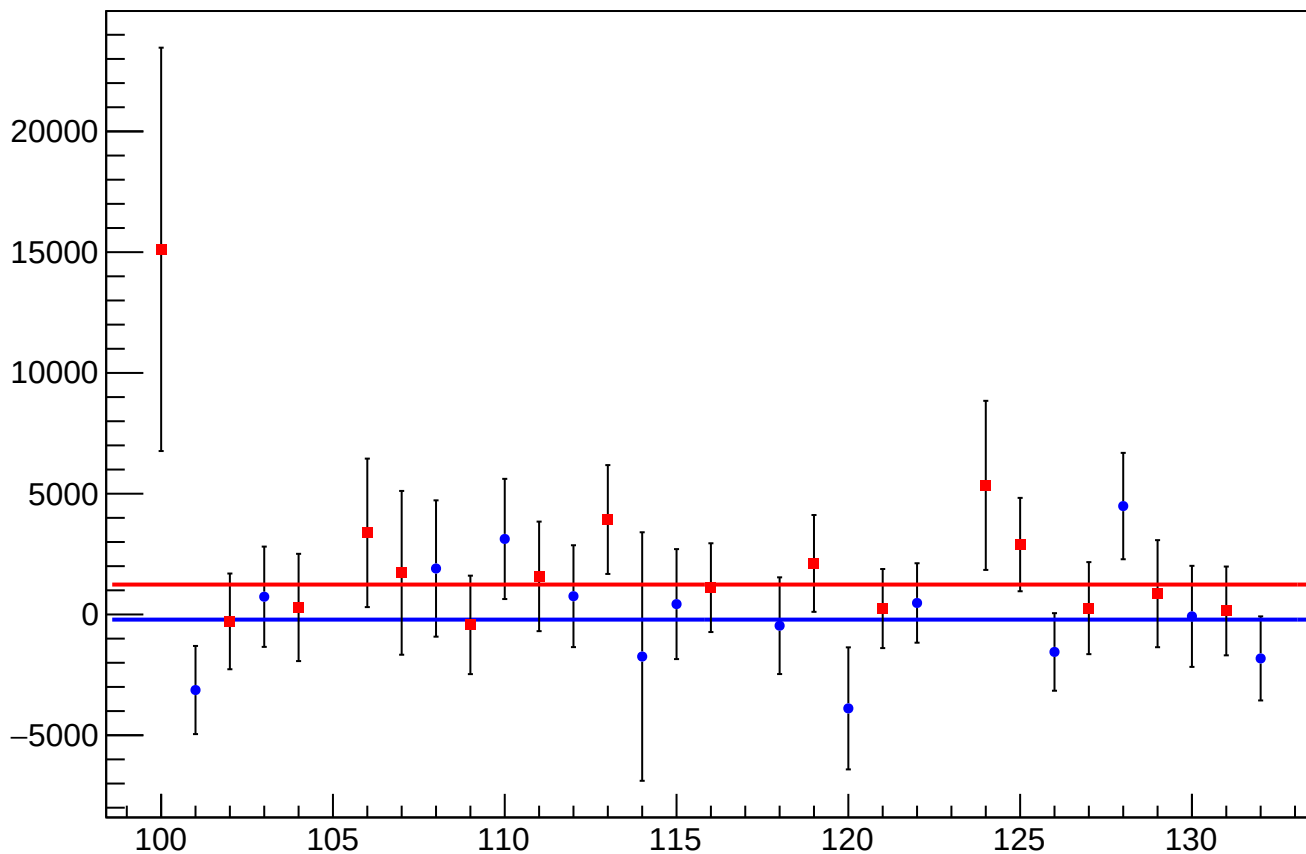
Right: 94.612+/-0.020 χ^2/NDF : 1717435.7/29

In: 94.347+/-0.029 χ^2/NDF : 780989.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.612+/-0.020 χ^2/NDF : 1717435.7/29

asym_sam_3726_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -212.895 ± 558.682 $\chi^2/\text{NDF}: 13.9/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1238.239 ± 547.237 $\chi^2/\text{NDF}: 9.5/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

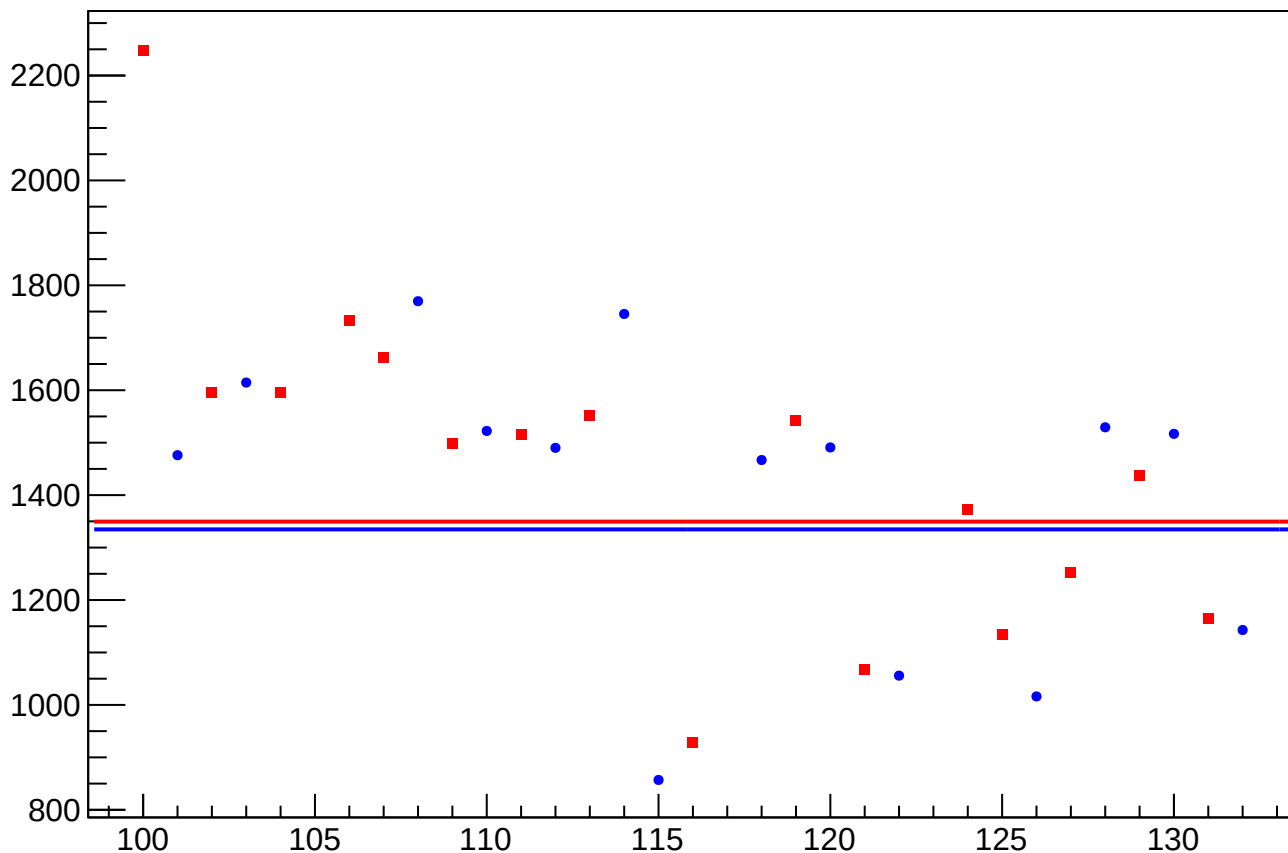
Right: 527.688 ± 390.938 $\chi^2/\text{NDF}: 26.8/29$

In: -212.895 ± 558.682 $\chi^2/\text{NDF}: 13.9/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 527.688 ± 390.938 $\chi^2/\text{NDF}: 26.8/29$

asym_sam_3726_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1334.663+/-0.395 χ^2/NDF : 426660.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1349.440+/-0.387 χ^2/NDF : 400927.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

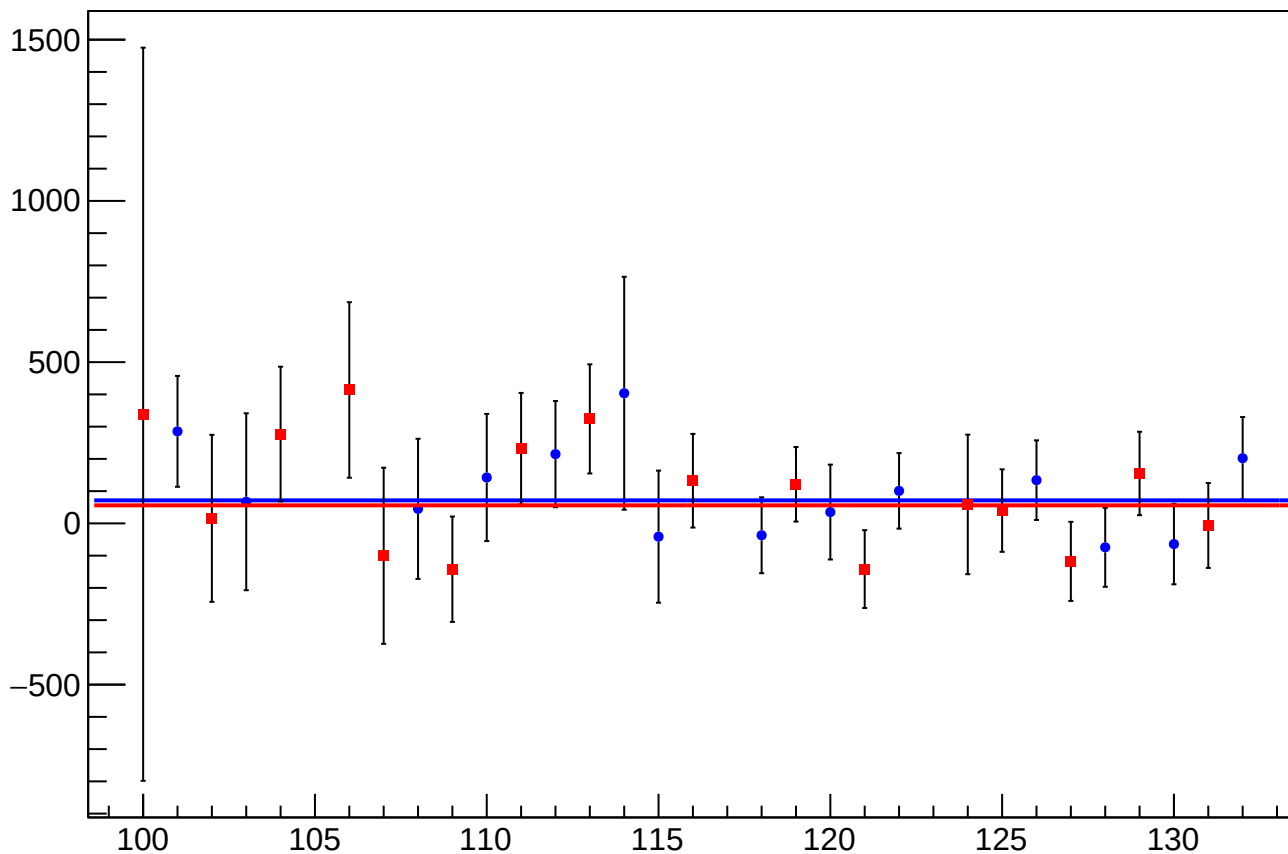
Right: 1342.204+/-0.276 χ^2/NDF : 828301.8/29

In: 1334.663+/-0.395 χ^2/NDF : 426660.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1342.204+/-0.276 χ^2/NDF : 828301.8/29

cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 71.389 $\pm$ 40.439 χ^2 /NDF: 8.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 55.954 $\pm$ 39.878 χ^2 /NDF: 14.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

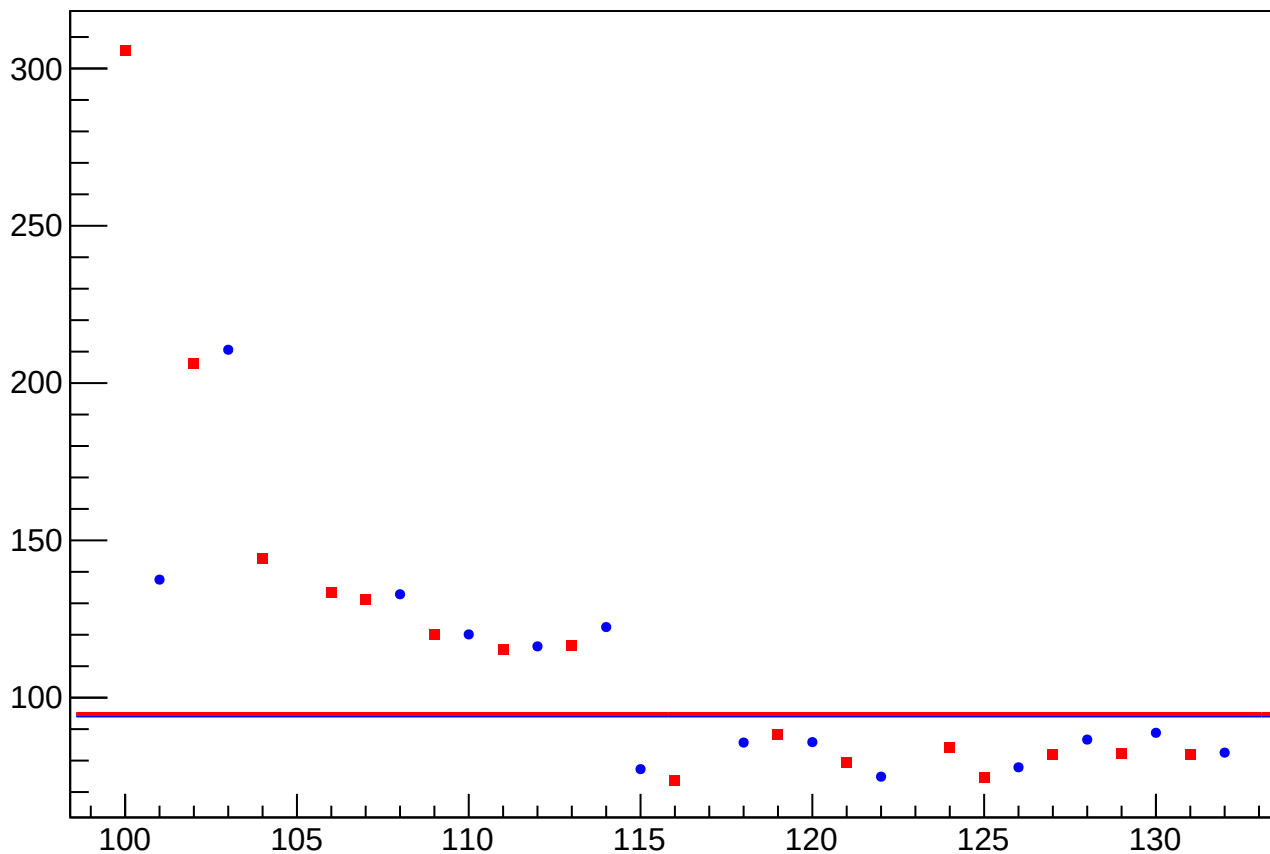
Right: 63.564 $\pm$ 28.394 χ^2 /NDF: 22.9/29

In: 71.389 $\pm$ 40.439 χ^2 /NDF: 8.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 63.564 $\pm$ 28.394 χ^2 /NDF: 22.9/29

cor_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 94.347+/-0.029 χ^2/NDF : 780991.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.821+/-0.028 χ^2/NDF : 932154.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

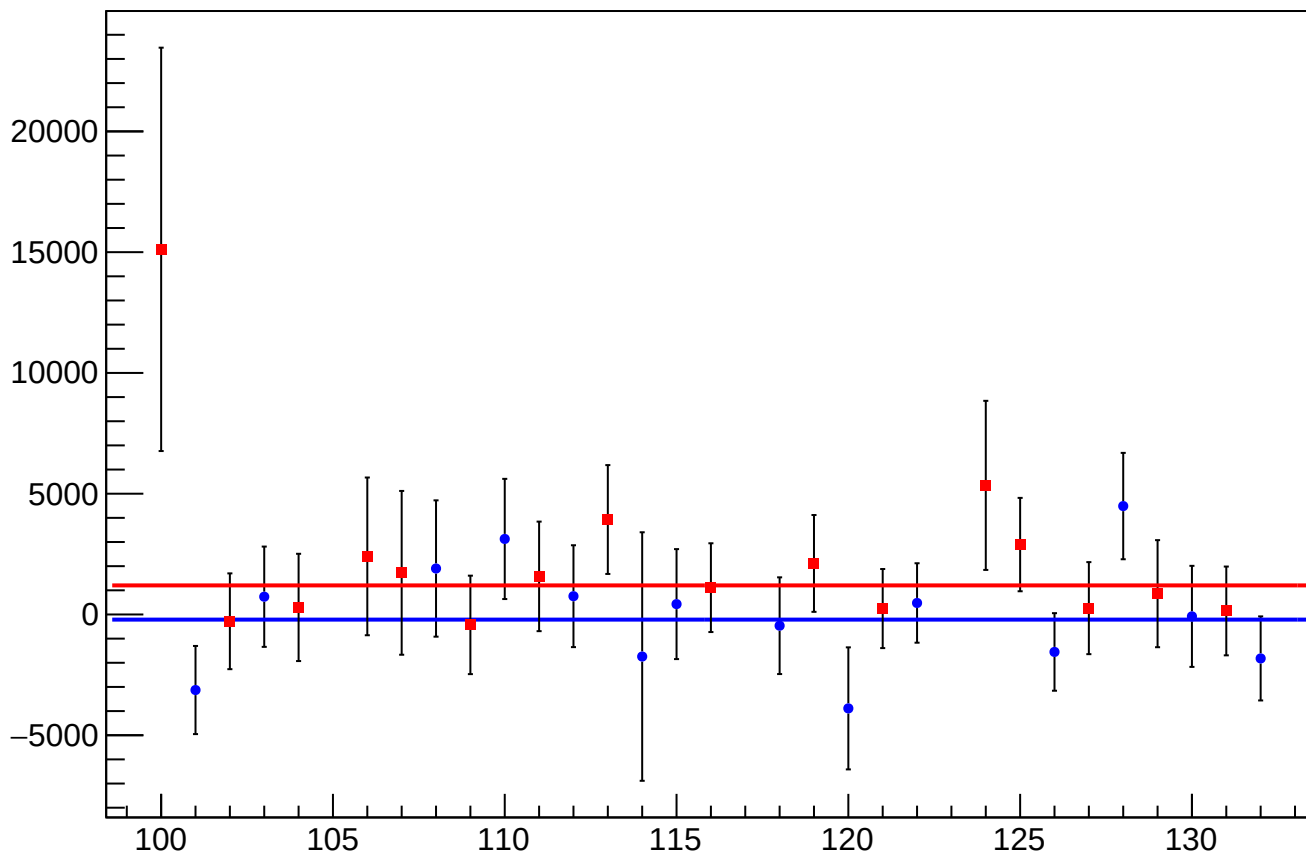
Right: 94.587+/-0.020 χ^2/NDF : 1713286.1/29

In: 94.347+/-0.029 χ^2/NDF : 780991.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.587+/-0.020 χ^2/NDF : 1713286.1/29

asym_sam_3726_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -212.838+/-558.684 χ^2/NDF : 13.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1203.658+/-548.257 χ^2/NDF : 9.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

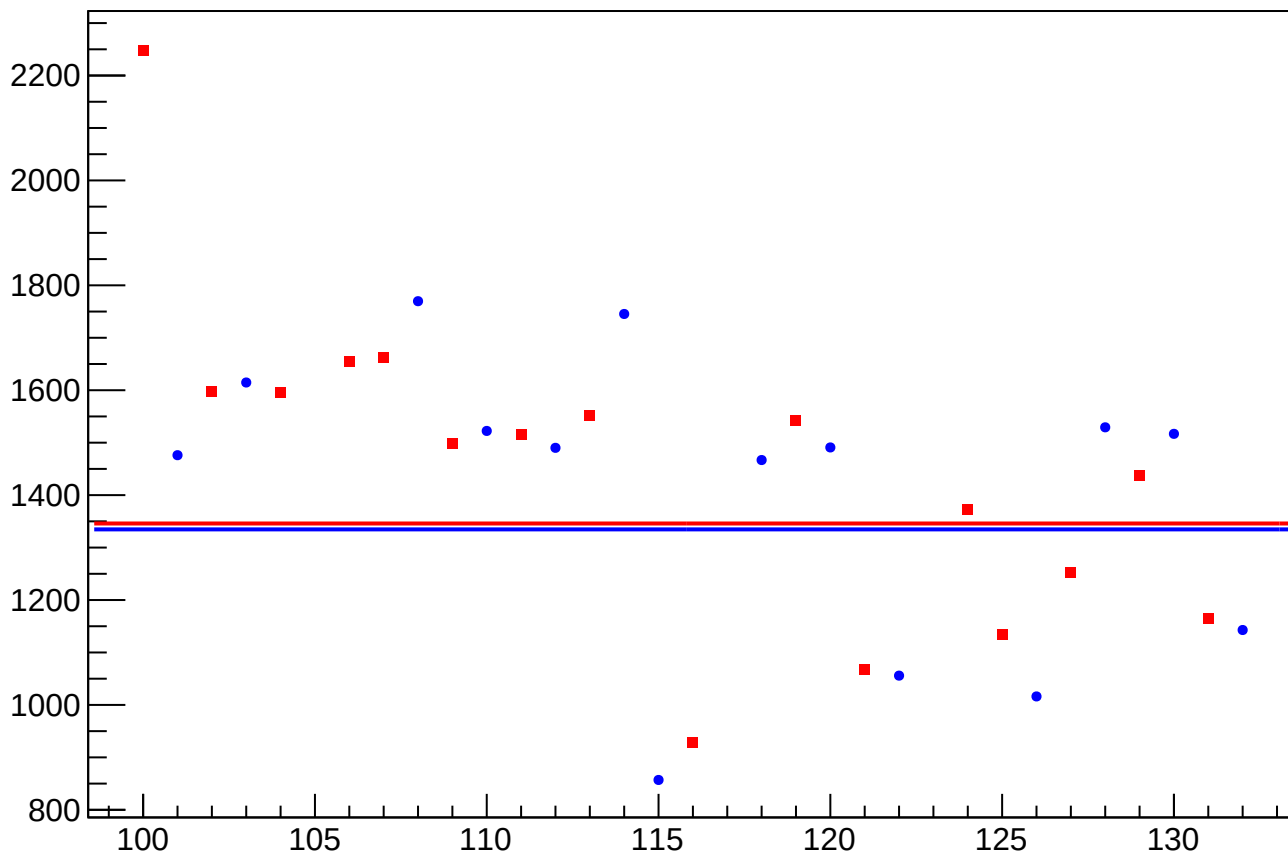
Right: 508.752+/-391.311 χ^2/NDF : 26.3/29

In: -212.838+/-558.684 χ^2/NDF : 13.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 508.752+/-391.311 χ^2/NDF : 26.3/29

asym_sam_3726_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1334.667+/-0.395 χ^2/NDF : 426686.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1345.911+/-0.388 χ^2/NDF : 387444.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

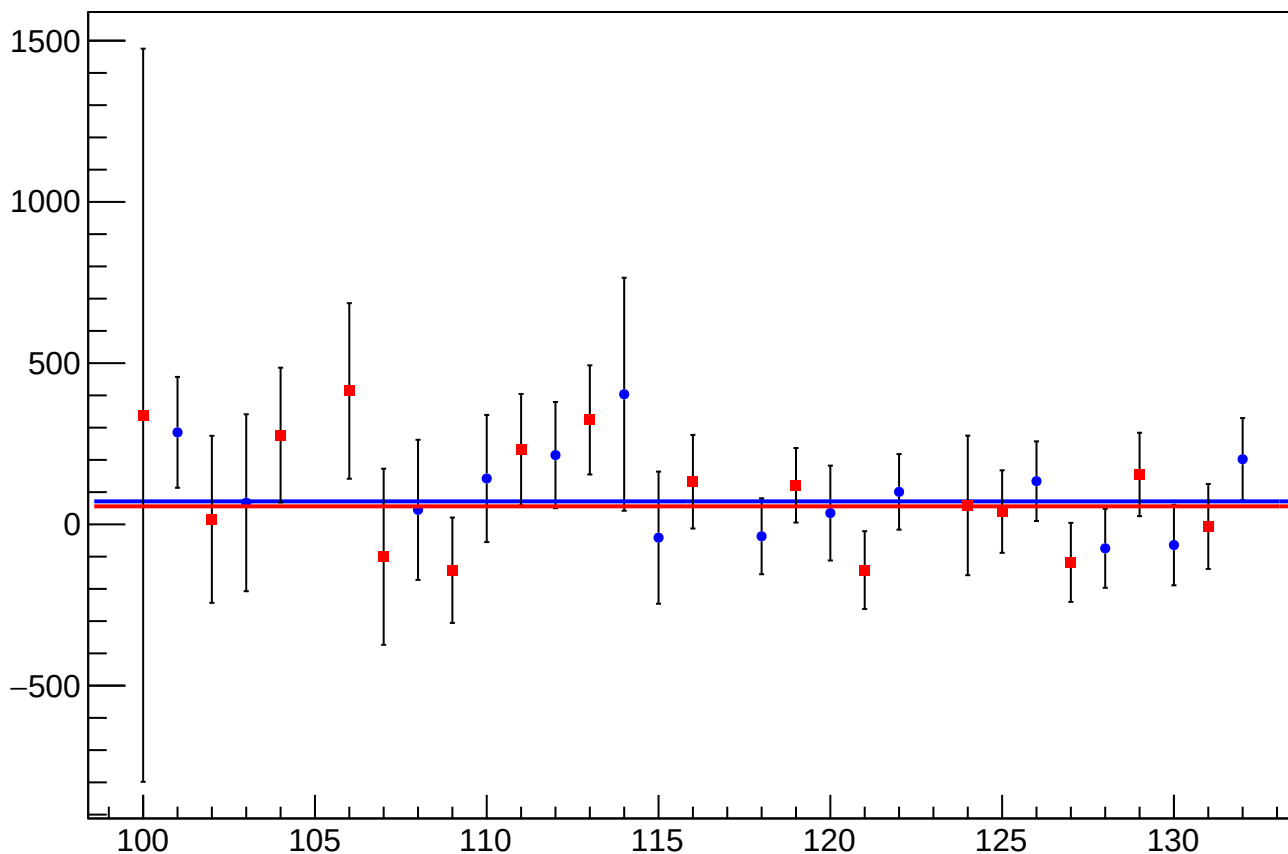
Right: 1340.395+/-0.277 χ^2/NDF : 814543.1/29

In: 1334.667+/-0.395 χ^2/NDF : 426686.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1340.395+/-0.277 χ^2/NDF : 814543.1/29

eigen_cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 71.389+/-40.439 χ^2/NDF : 8.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.954+/-39.878 χ^2/NDF : 14.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

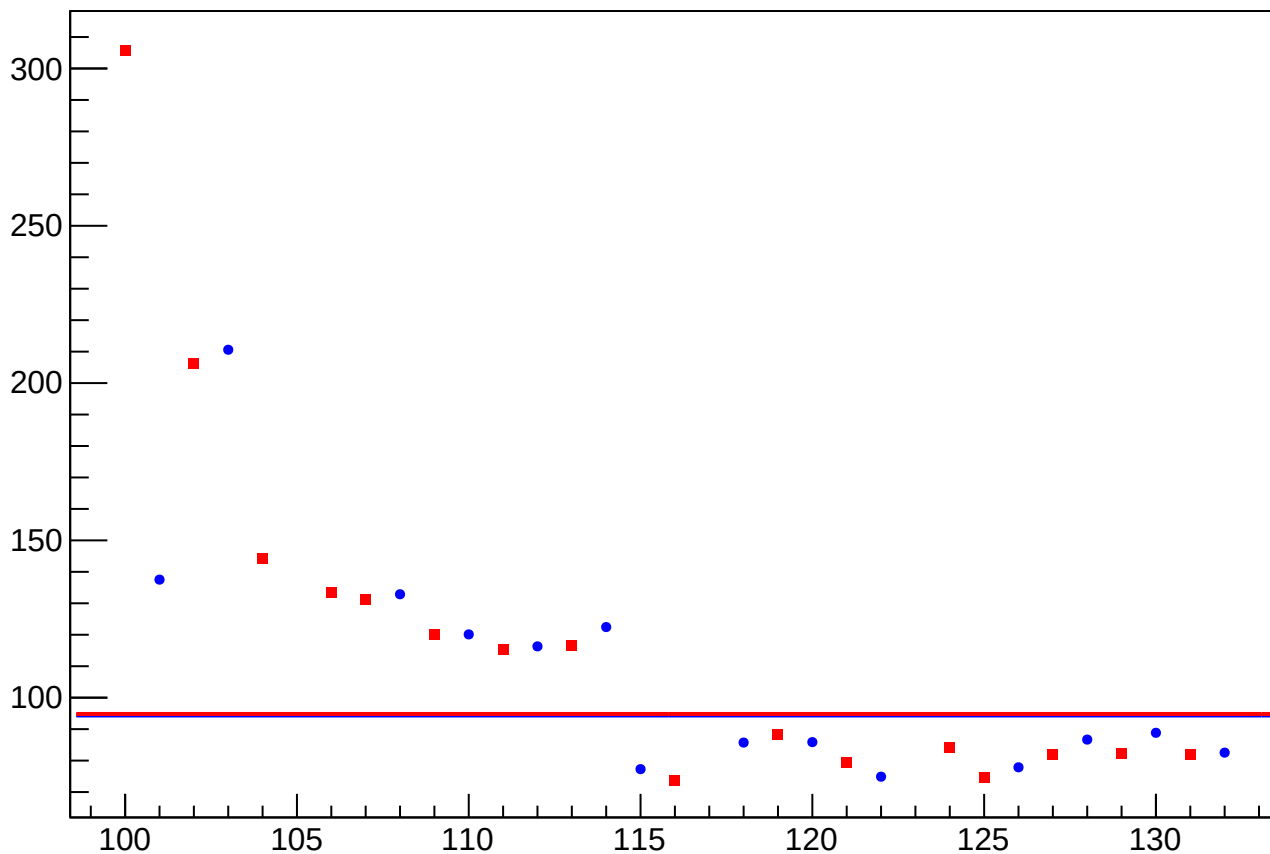
Right: 63.564+/-28.394 χ^2/NDF : 22.9/29

In: 71.389+/-40.439 χ^2/NDF : 8.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.564+/-28.394 χ^2/NDF : 22.9/29

eigen_cor_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 94.347+/-0.029 χ^2/NDF : 780991.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.821+/-0.028 χ^2/NDF : 932154.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

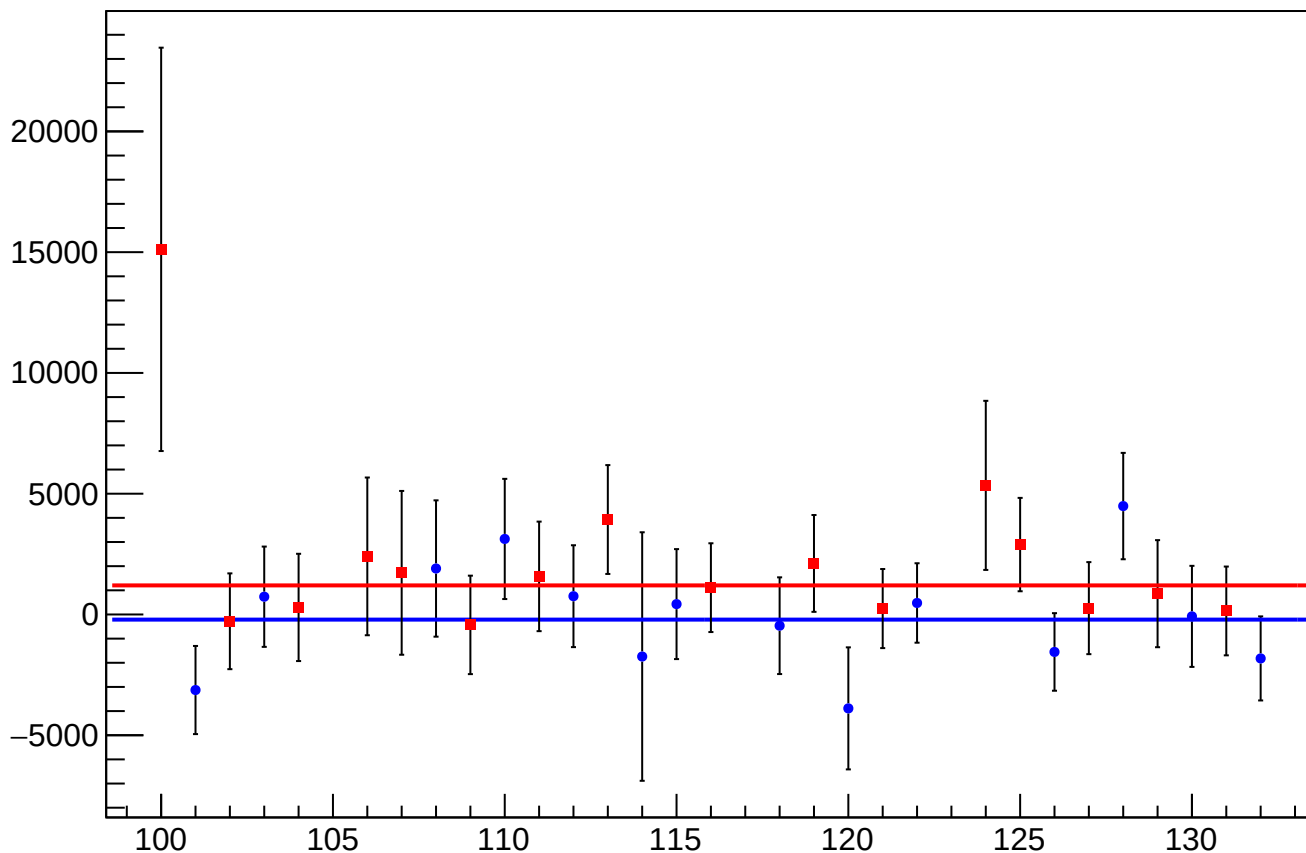
Right: 94.587+/-0.020 χ^2/NDF : 1713286.1/29

In: 94.347+/-0.029 χ^2/NDF : 780991.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.587+/-0.020 χ^2/NDF : 1713286.1/29

asym_sam_3726_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -212.838+/-558.684 χ^2/NDF : 13.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1203.658+/-548.257 χ^2/NDF : 9.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

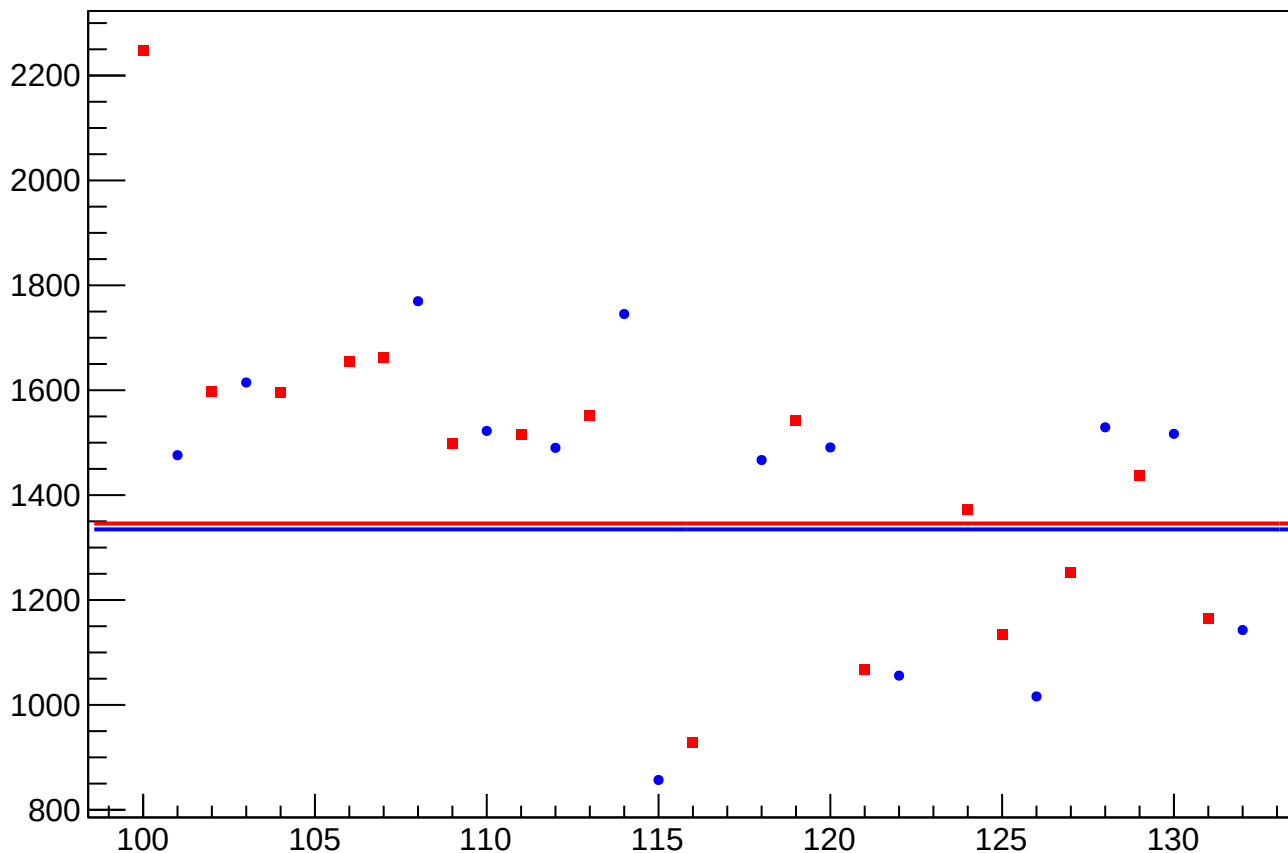
Right: 508.752+/-391.311 χ^2/NDF : 26.3/29

In: -212.838+/-558.684 χ^2/NDF : 13.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 508.752+/-391.311 χ^2/NDF : 26.3/29

asym_sam_3726_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1334.667+/-0.395 χ^2/NDF : 426686.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1345.911+/-0.388 χ^2/NDF : 387444.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

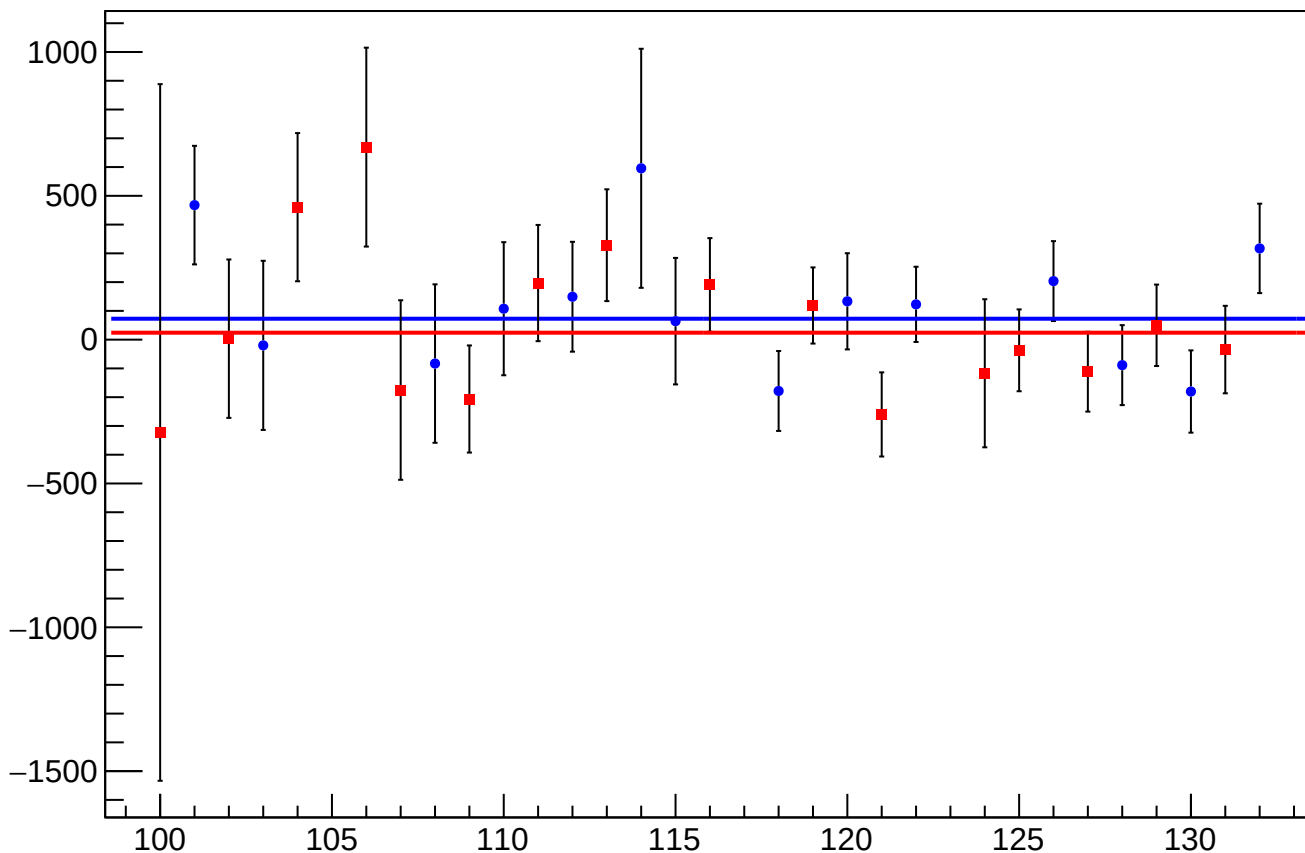
Right: 1340.395+/-0.277 χ^2/NDF : 814543.1/29

In: 1334.667+/-0.395 χ^2/NDF : 426686.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1340.395+/-0.277 χ^2/NDF : 814543.1/29

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 72.759 $\pm$ 46.581 χ^2 /NDF: 17.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 24.157 $\pm$ 45.714 χ^2 /NDF: 18.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

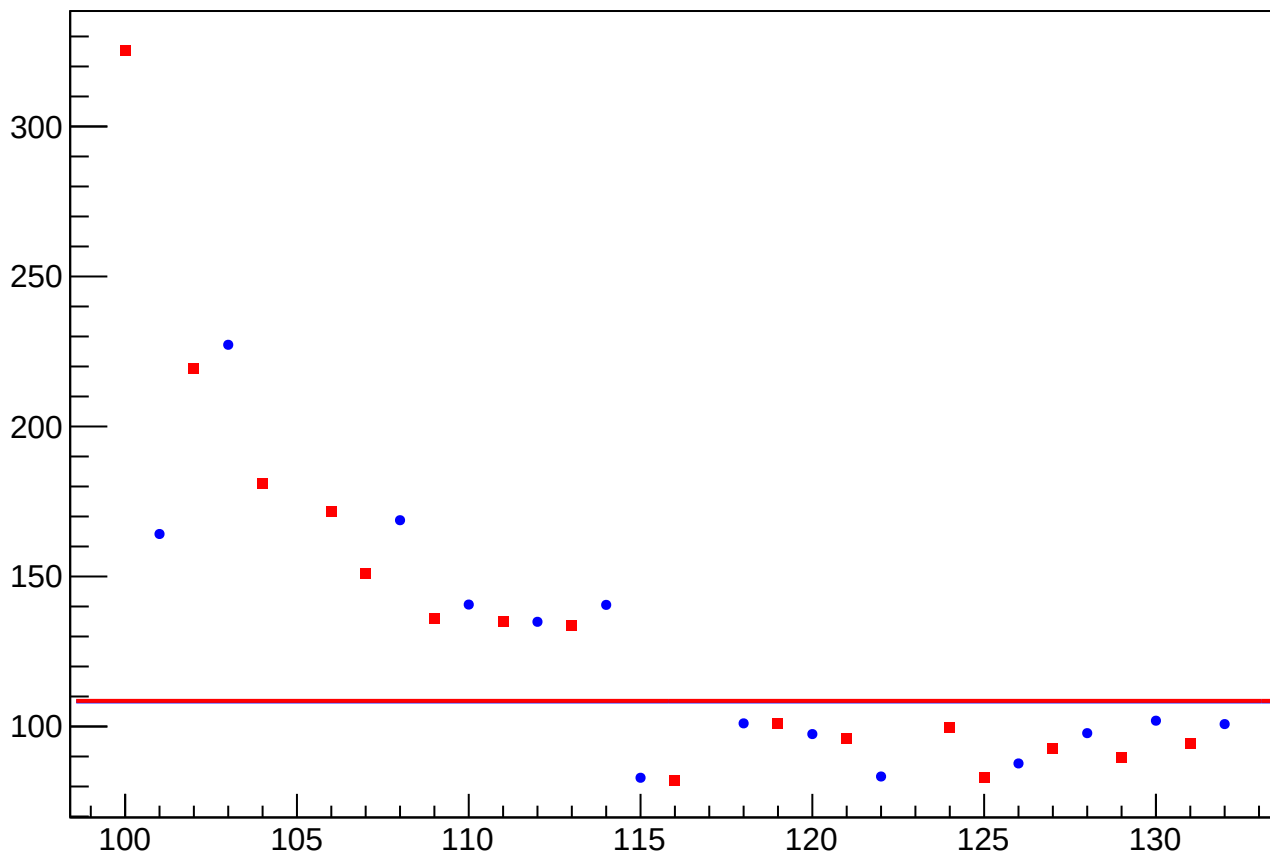
Right: 48.001 $\pm$ 32.627 χ^2 /NDF: 36.3/29

In: 72.759 $\pm$ 46.581 χ^2 /NDF:17.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 48.001 $\pm$ 32.627 χ^2 /NDF: 36.3/29

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 108.358+/-0.033 χ^2/NDF : 838218.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 108.543+/-0.032 χ^2/NDF : 981340.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

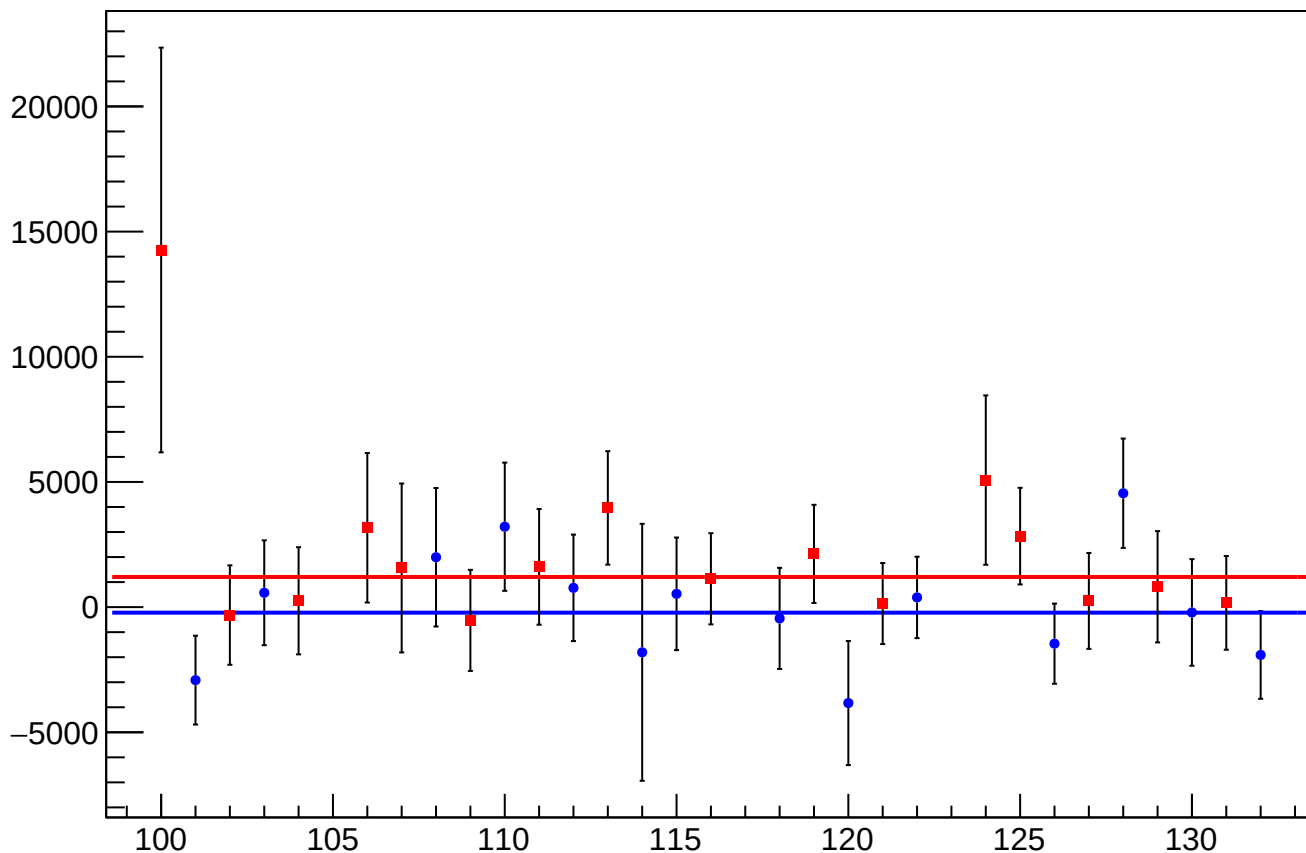
Right: 108.452+/-0.023 χ^2/NDF : 1819575.3/29

In: 108.358+/-0.033 χ^2/NDF :838218.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 108.452+/-0.023 χ^2/NDF : 1819575.3/29

asym_sam_3726_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -221.074+/-557.529 χ^2/NDF : 13.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1204.274+/-544.419 χ^2/NDF : 9.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

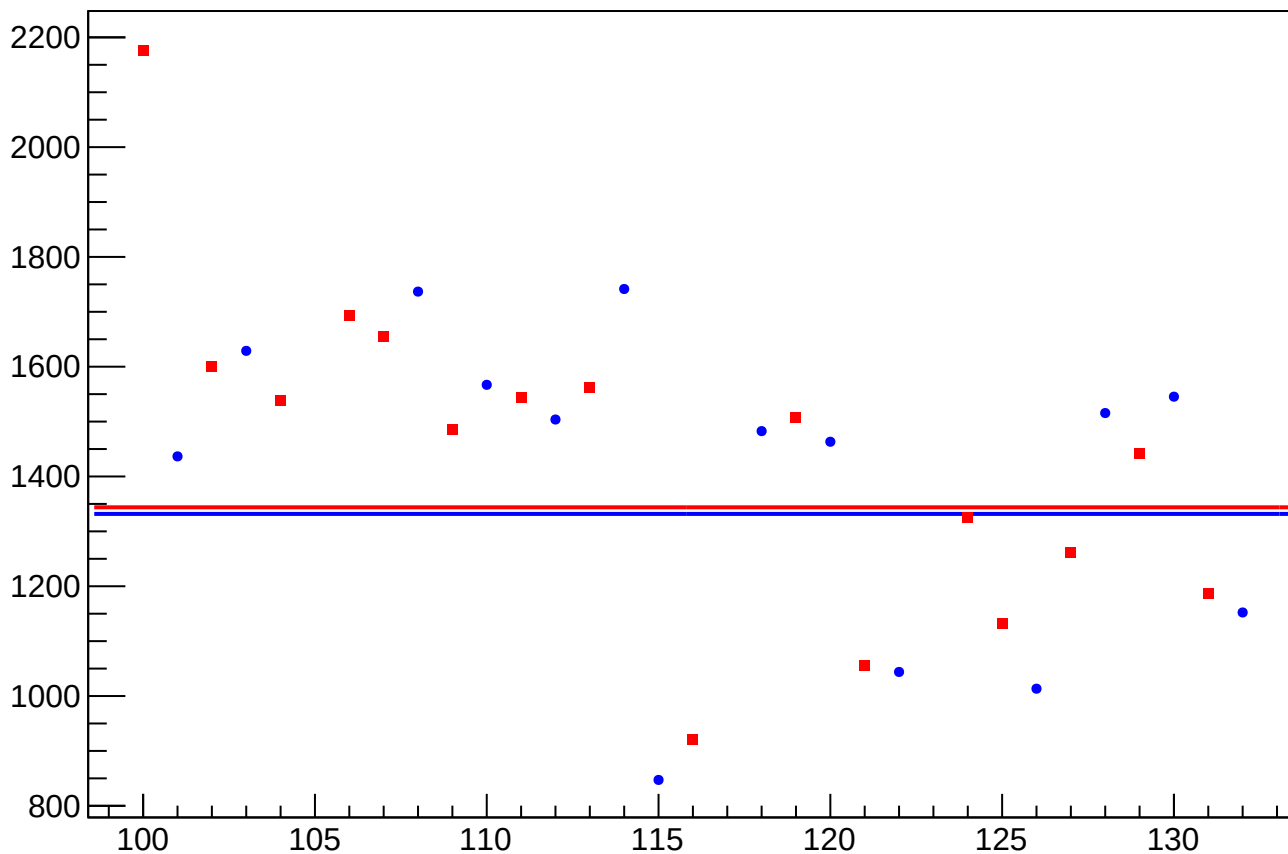
Right: 508.556+/-389.515 χ^2/NDF : 26.6/29

In: -221.074+/-557.529 χ^2/NDF : 13.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 508.556+/-389.515 χ^2/NDF : 26.6/29

asym_sam_3726_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1331.791+/-0.394 χ^2/NDF : 439511.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1343.829+/-0.385 χ^2/NDF : 390139.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

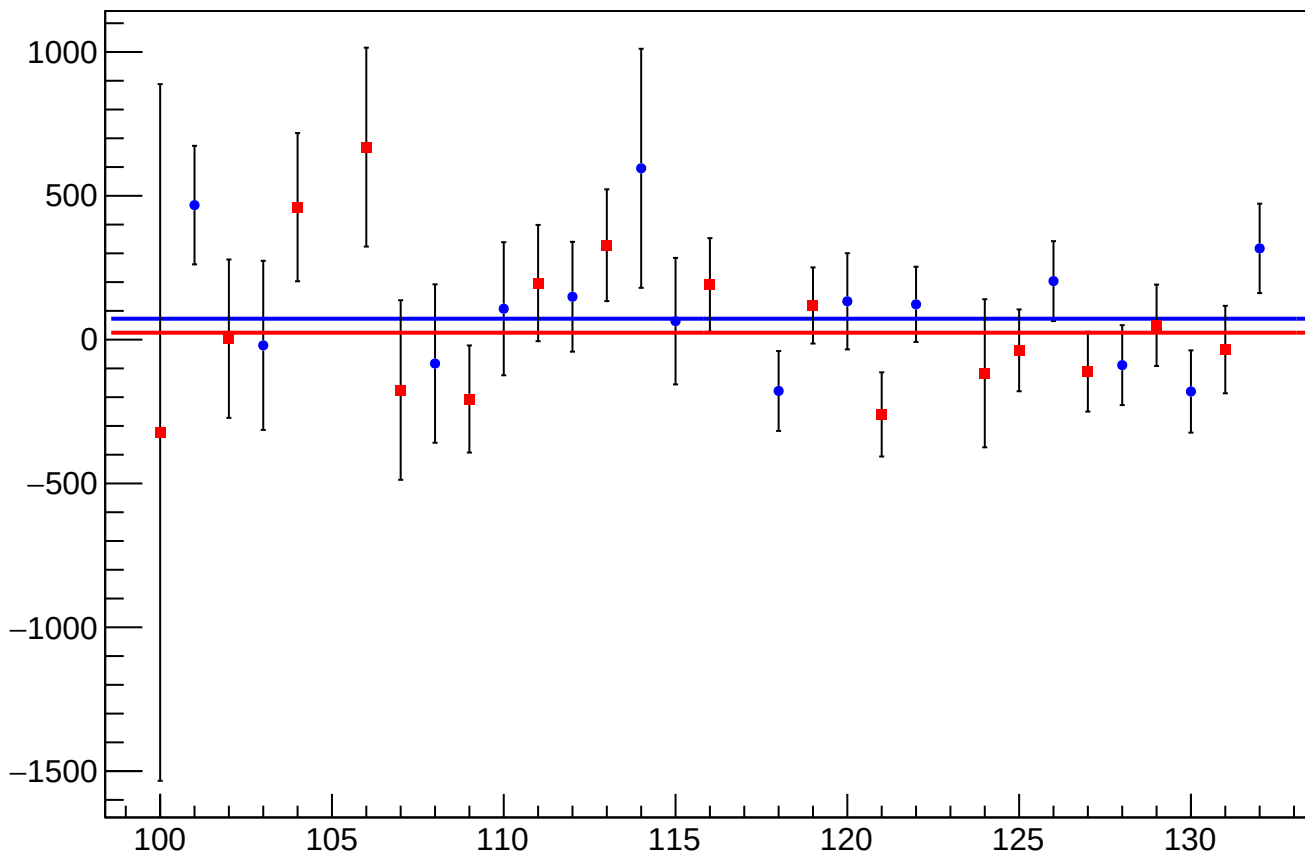
Right: 1337.953+/-0.275 χ^2/NDF : 830128.3/29

In: 1331.791+/-0.394 χ^2/NDF : 439511.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1337.953+/-0.275 χ^2/NDF : 830128.3/29

eigen_dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 72.758 $\pm$ 46.581 χ^2 /NDF: 17.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 24.153 $\pm$ 45.714 χ^2 /NDF: 18.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

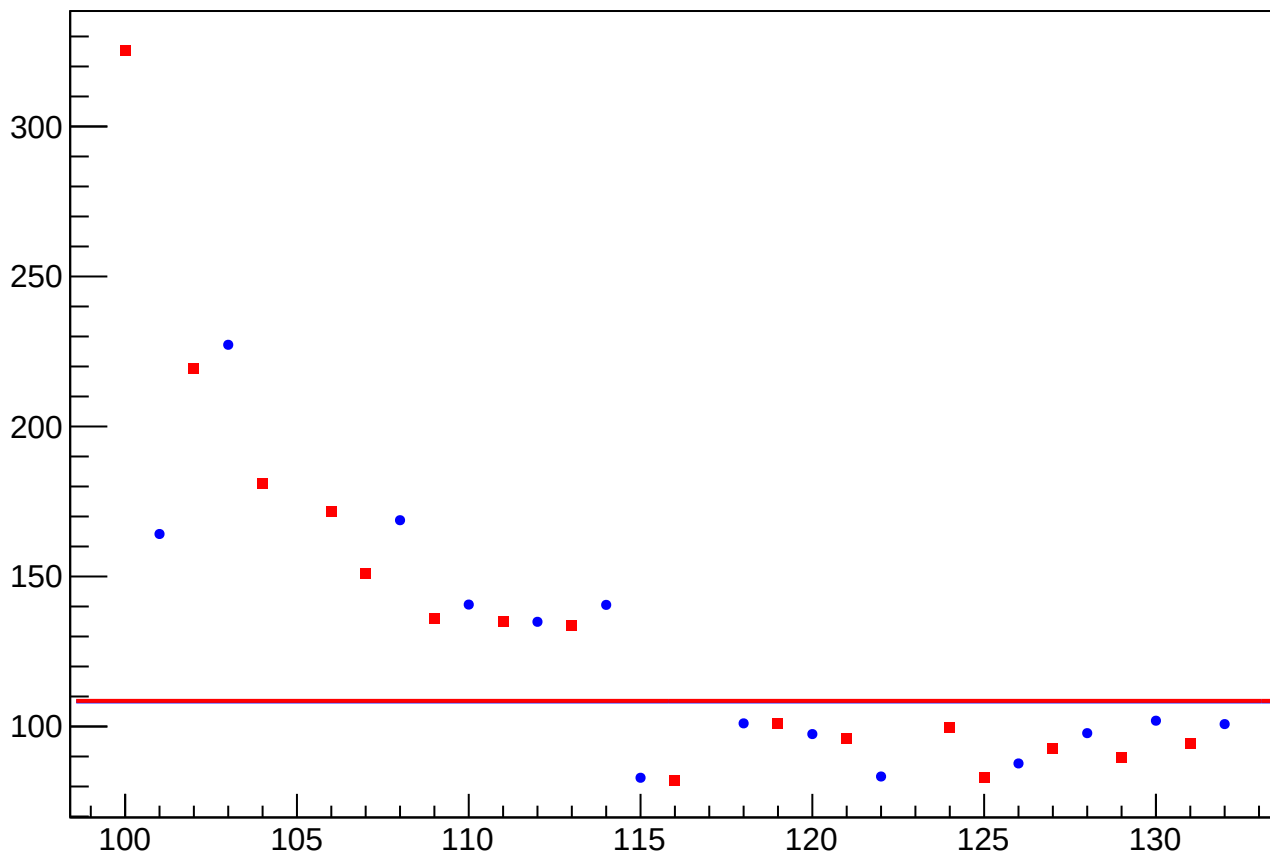
Right: 47.999 $\pm$ 32.627 χ^2 /NDF: 36.3/29

In: 72.758 $\pm$ 46.581 χ^2 /NDF:17.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 47.999 $\pm$ 32.627 χ^2 /NDF: 36.3/29

eigen_dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 108.358+/-0.033 χ^2/NDF : 838215.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 108.543+/-0.032 χ^2/NDF : 981339.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

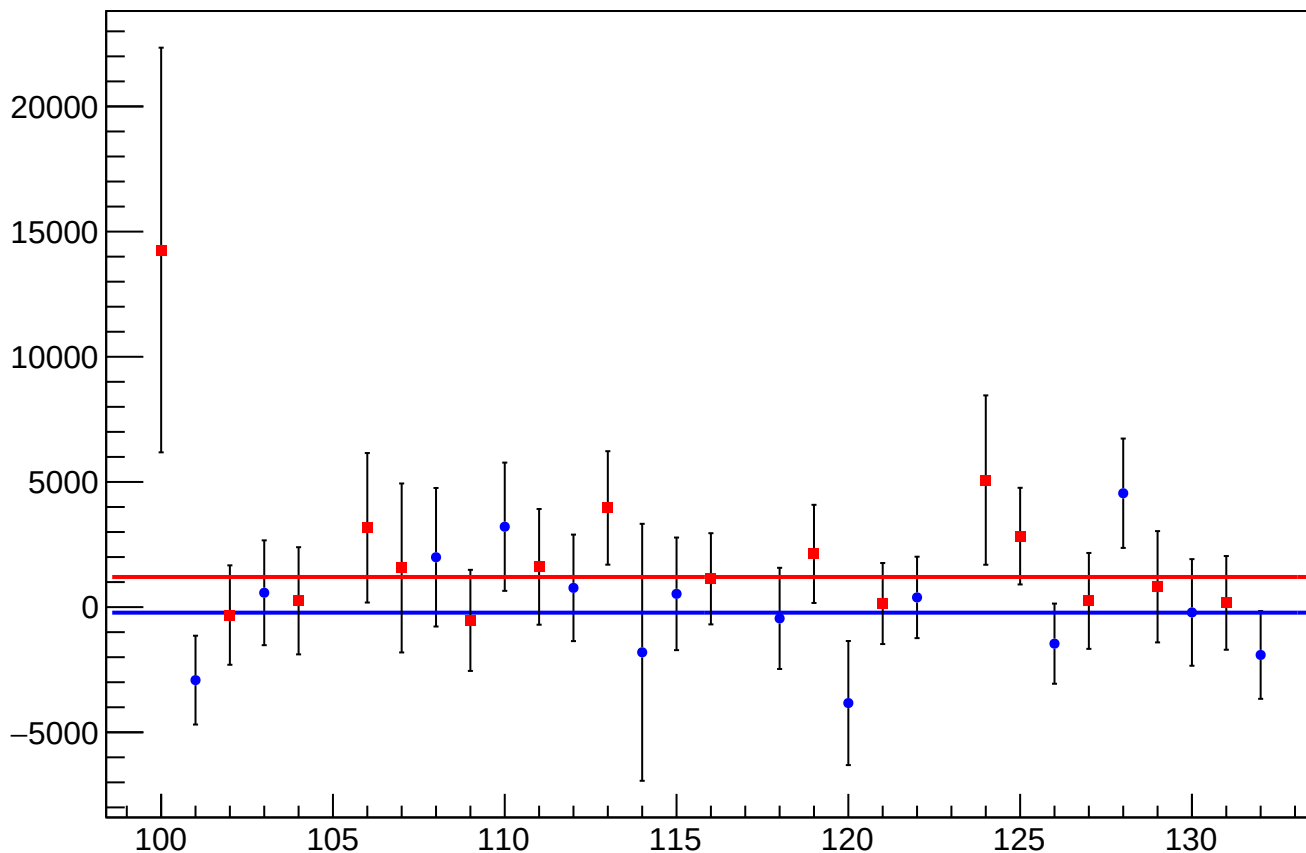
Right: 108.452+/-0.023 χ^2/NDF : 1819571.1/29

In: 108.358+/-0.033 χ^2/NDF :838215.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 108.452+/-0.023 χ^2/NDF : 1819571.1/29

asym_sam_3726_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -221.073+/-557.528 χ^2/NDF : 13.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1204.271+/-544.417 χ^2/NDF : 9.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

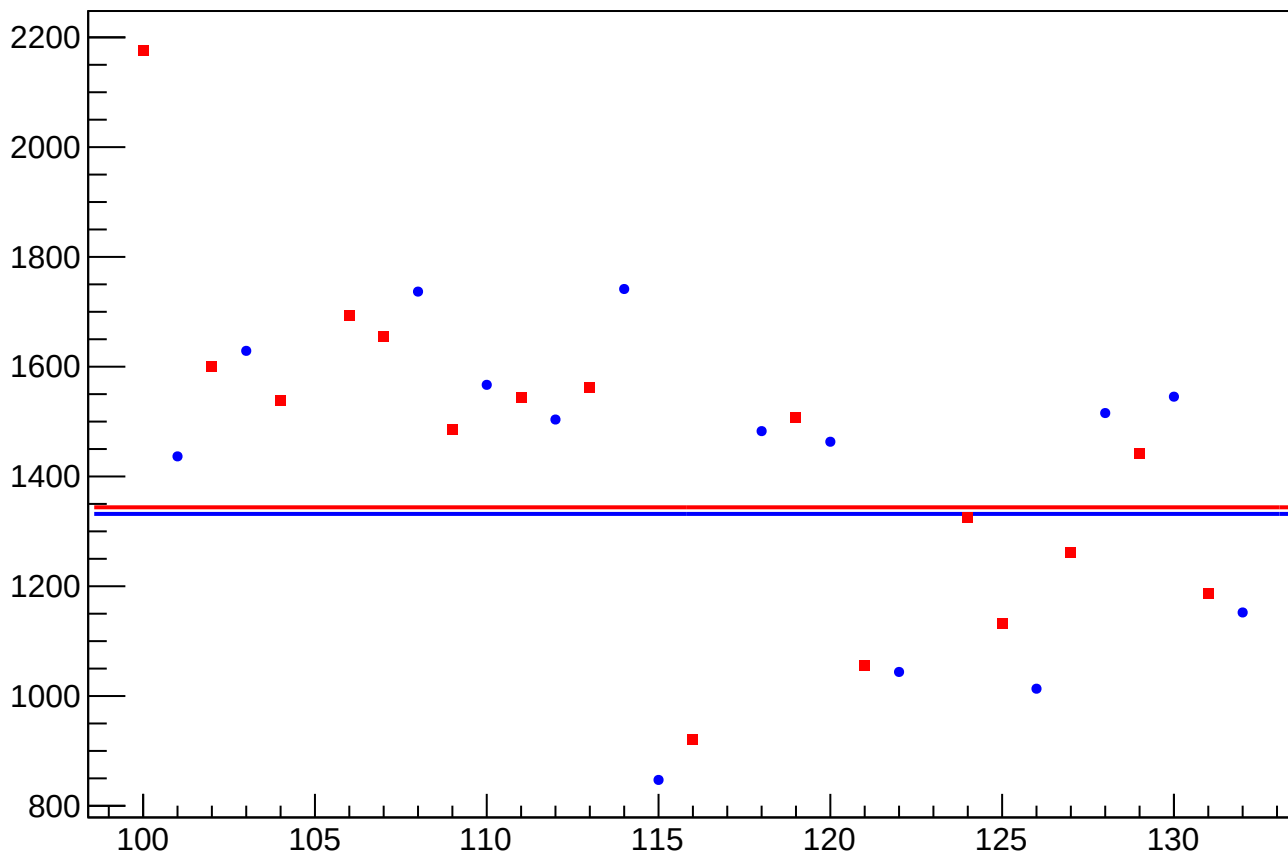
Right: 508.555+/-389.514 χ^2/NDF : 26.6/29

In: -221.073+/-557.528 χ^2/NDF : 13.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 508.555+/-389.514 χ^2/NDF : 26.6/29

asym_sam_3726_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1331.787+/-0.394 χ^2/NDF : 439506.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1343.825+/-0.385 χ^2/NDF : 390135.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

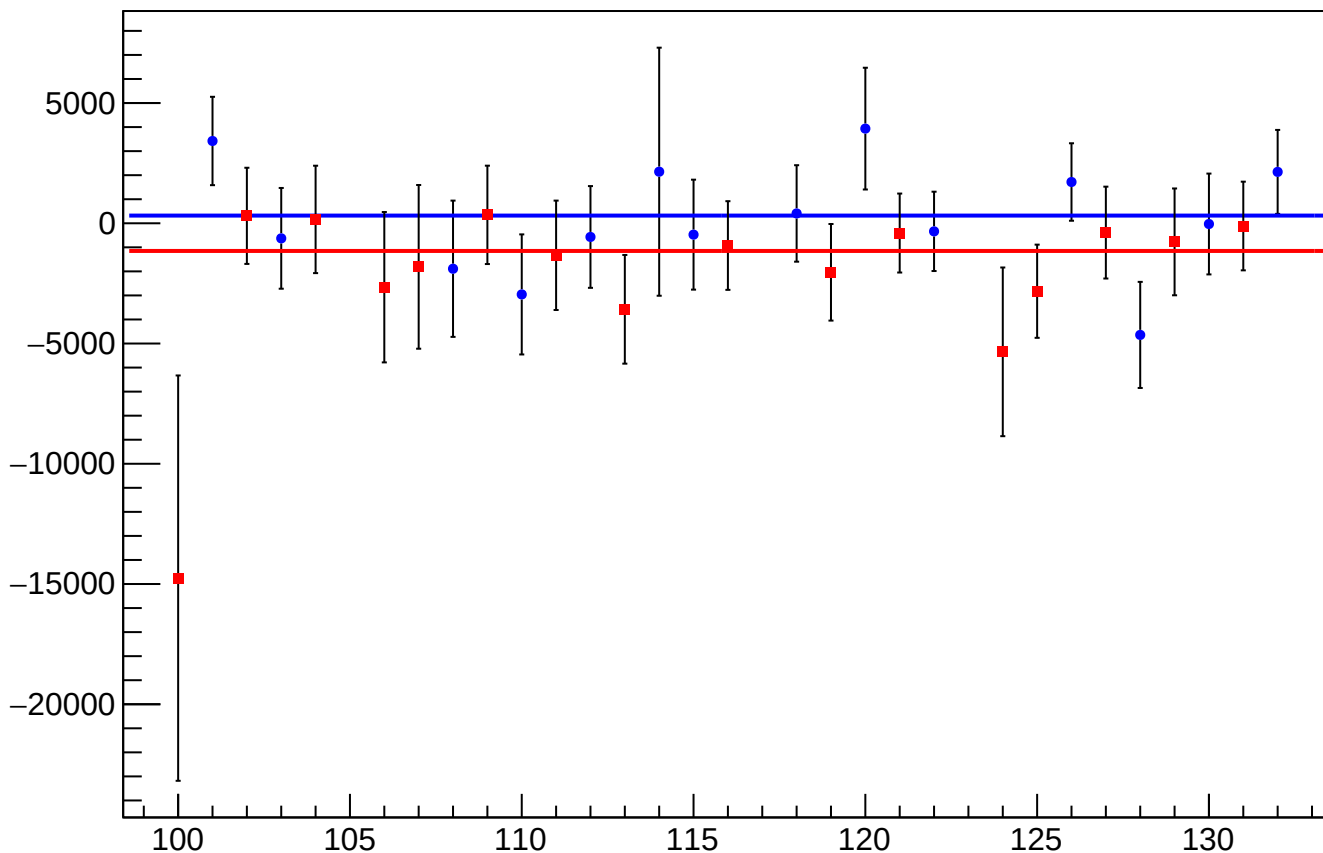
Right: 1337.949+/-0.275 χ^2/NDF : 830119.9/29

In: 1331.787+/-0.394 χ^2/NDF : 439506.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1337.949+/-0.275 χ^2/NDF : 830119.9/29

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 320.151+/-560.714 χ^2/NDF : 14.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1150.512+/-549.356 χ^2/NDF : 8.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

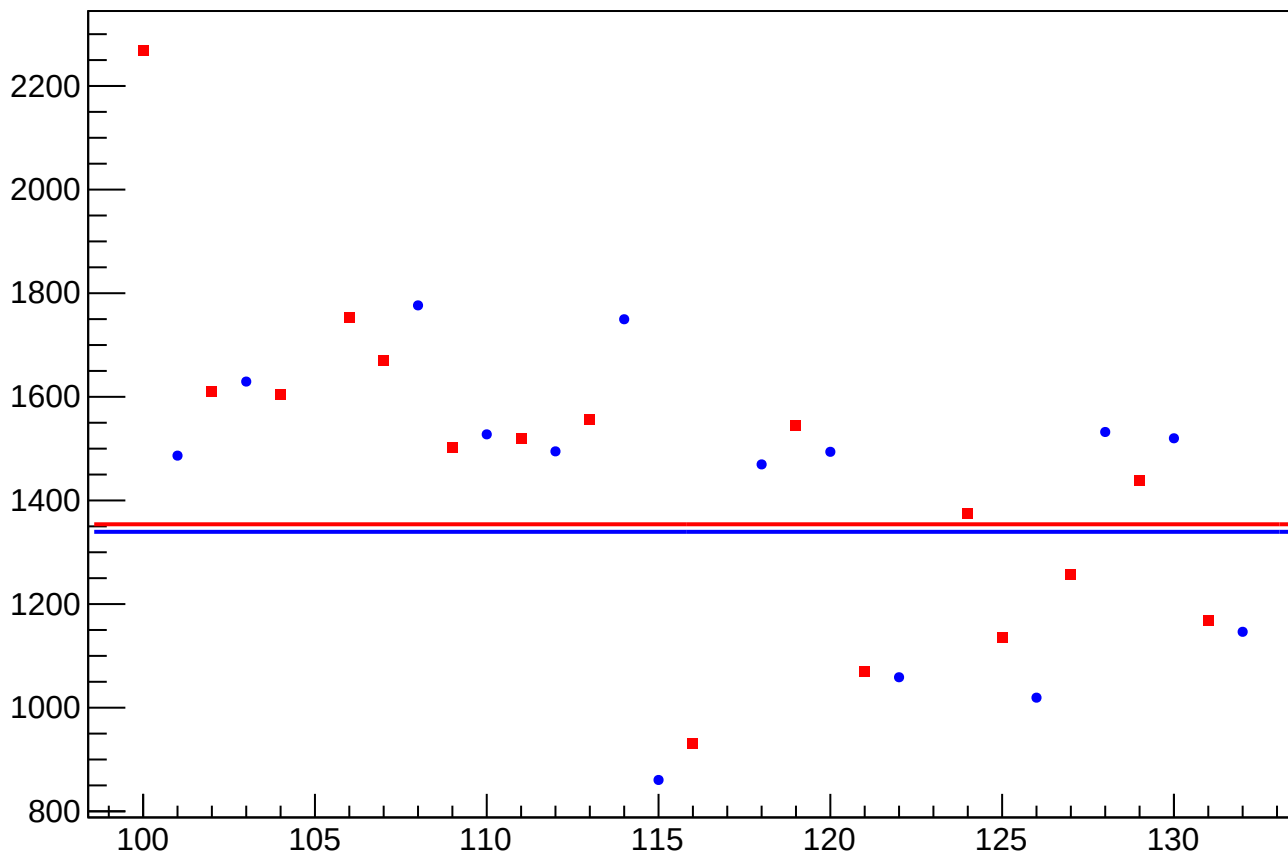
Right: -430.227+/-392.408 χ^2/NDF : 27.0/29

In: 320.151+/-560.714 χ^2/NDF : 14.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -430.227+/-392.408 χ^2/NDF : 27.0/29

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 1339.450+/-0.396 χ^2/NDF : 428675.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1354.009+/-0.388 χ^2/NDF : 405327.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

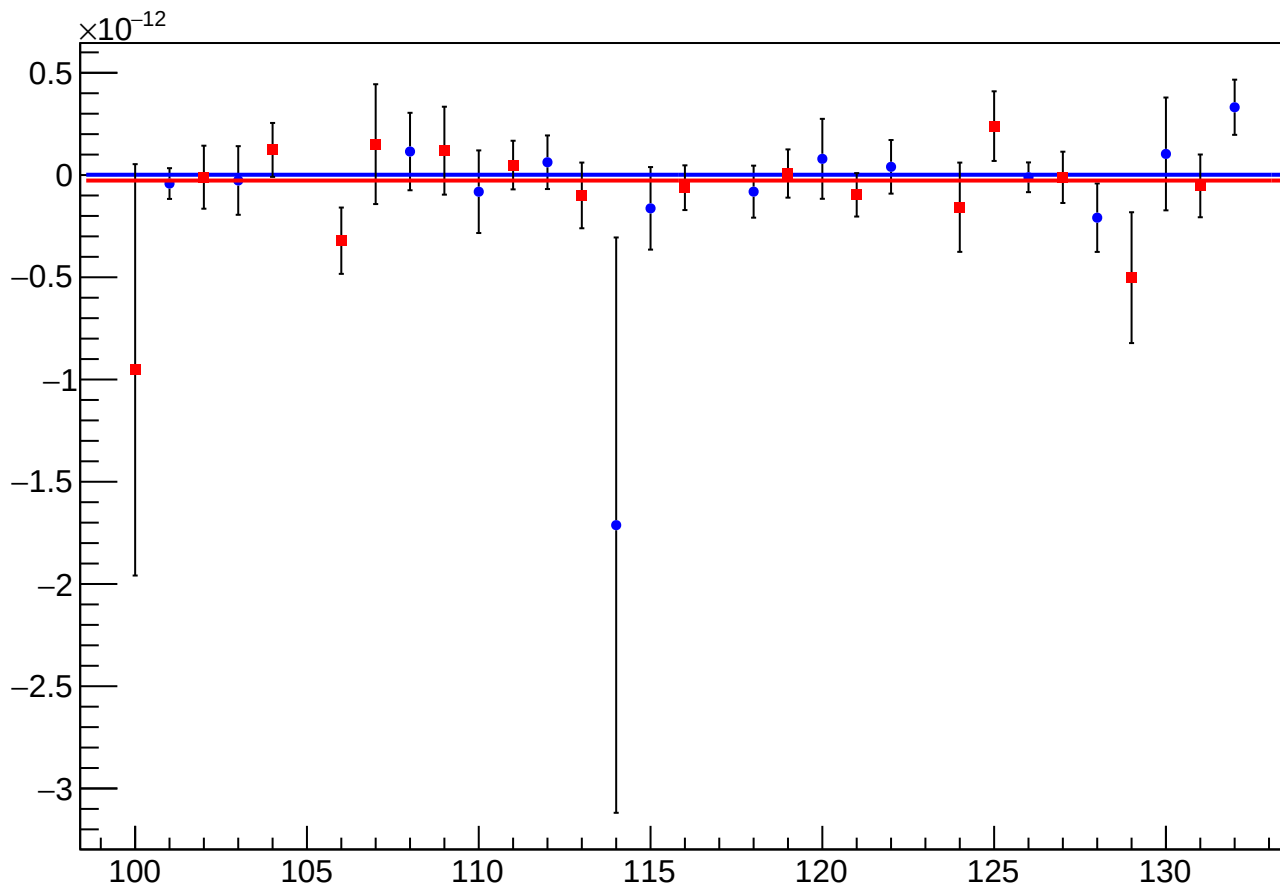
Right: 1346.878+/-0.277 χ^2/NDF : 834691.1/29

In: 1339.450+/-0.396 χ^2/NDF : 428675.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1346.878+/-0.277 χ^2/NDF : 834691.1/29

asym_sam_3726_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

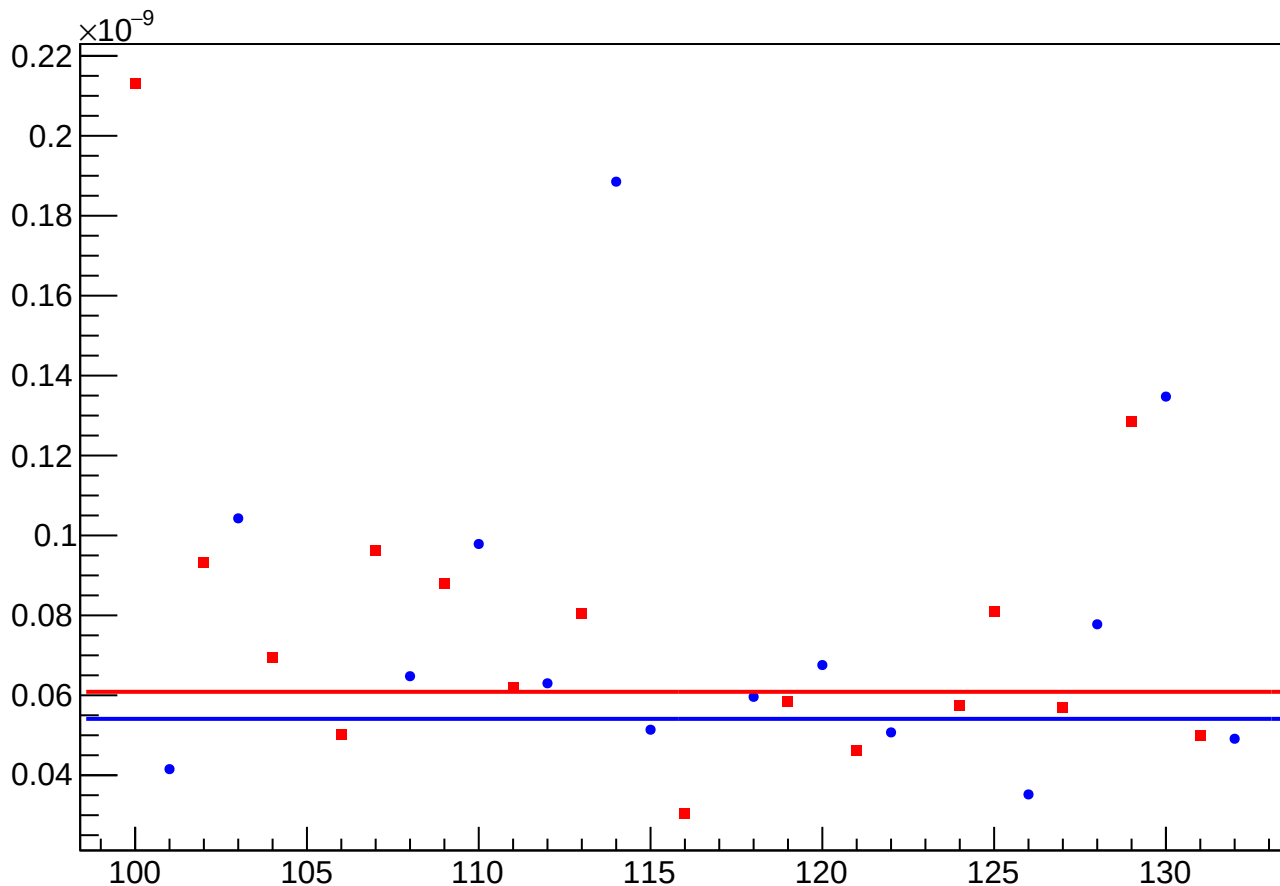
Right: -0.000+/-0.000 χ^2/NDF : 24.5/29

In: 0.000+/-0.000 χ^2/NDF : 11.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.5/29

asym_sam_3726_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 725967.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 565654.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

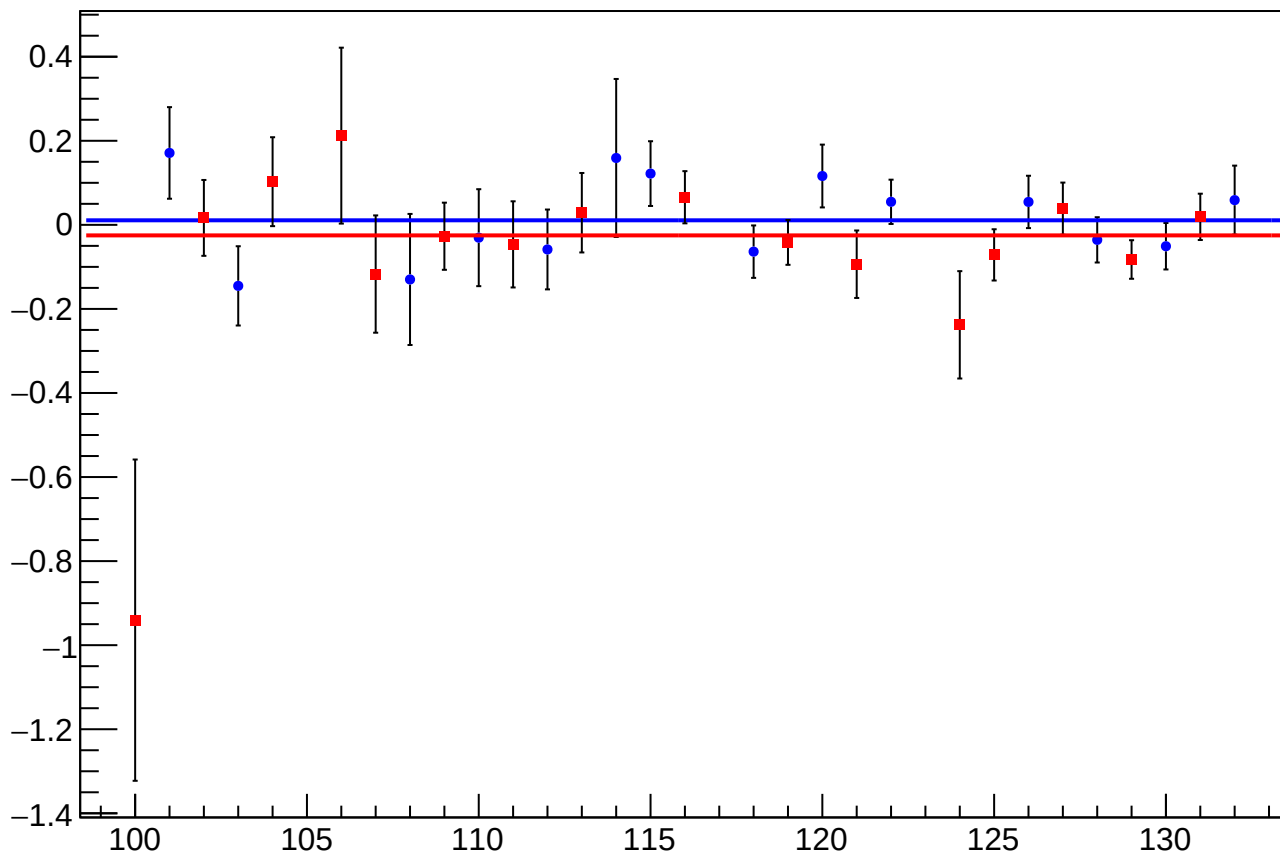
Right: 0.000+/-0.000 χ^2/NDF : 1325451.1/29

In: 0.000+/-0.000 χ^2/NDF : 725967.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1325451.1/29

asym_sam_3726_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.020 χ^2/NDF : 16.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.025+/-0.019 χ^2/NDF : 19.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

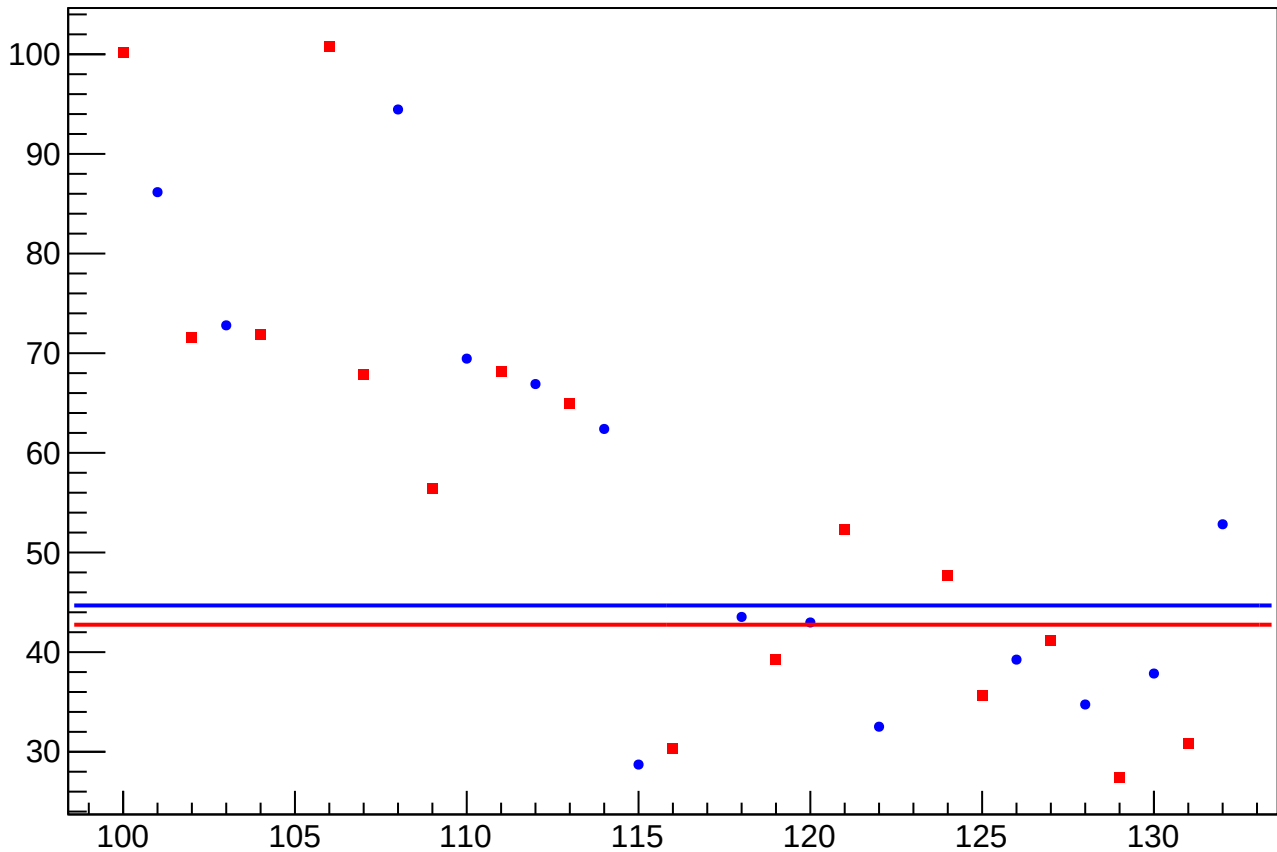
Right: -0.008+/-0.014 χ^2/NDF : 36.8/29

In: 0.011+/-0.020 χ^2/NDF : 16.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.014 χ^2/NDF : 36.8/29

asym_sam_3726_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.684+/-0.014 χ^2/NDF : 1218773.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.754+/-0.013 χ^2/NDF : 1377038.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

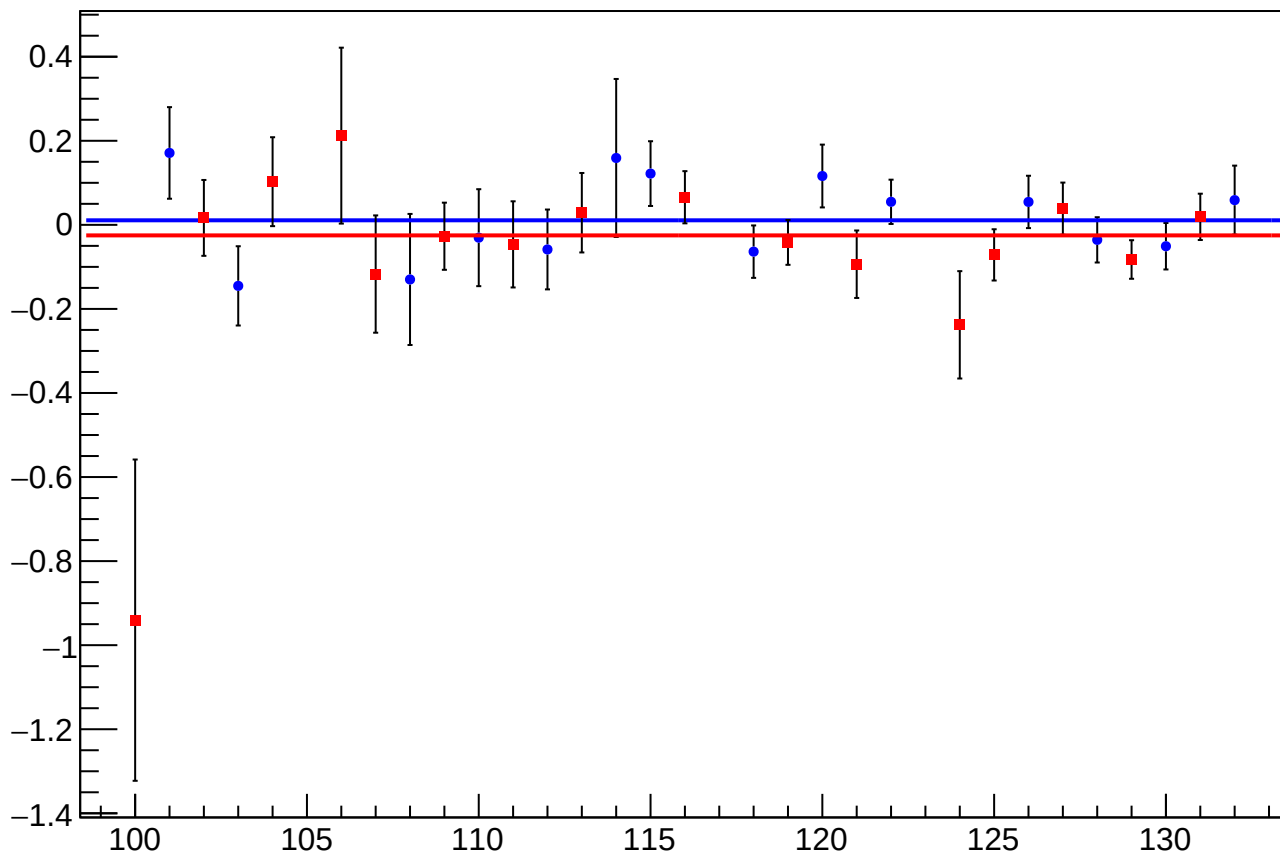
Right: 43.660+/-0.010 χ^2/NDF : 2605673.2/29

In: 44.684+/-0.014 χ^2/NDF : 1218773.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.660+/-0.010 χ^2/NDF : 2605673.2/29

asym_sam_3726_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.020 χ^2/NDF : 16.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.025+/-0.019 χ^2/NDF : 19.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

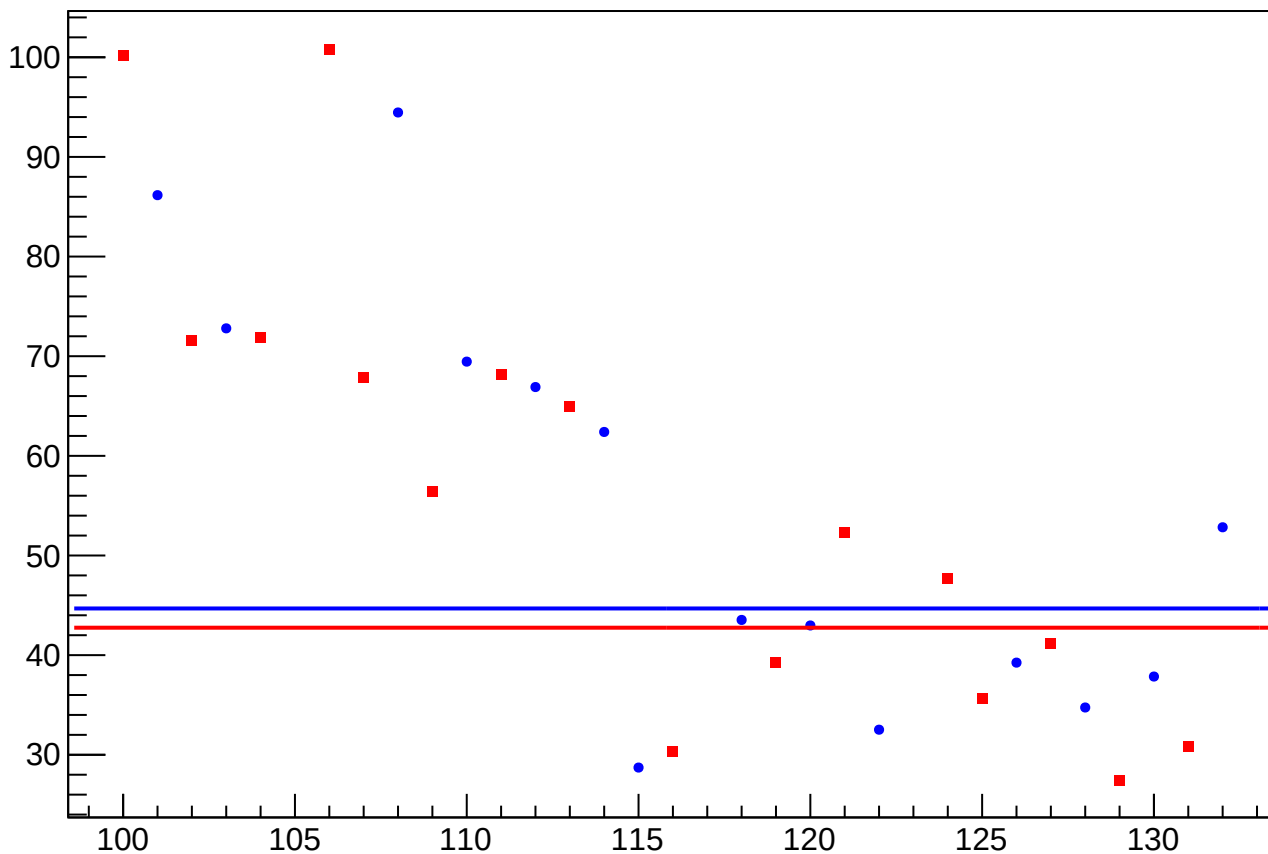
Right: -0.008+/-0.014 χ^2/NDF : 36.8/29

In: 0.011+/-0.020 χ^2/NDF : 16.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.014 χ^2/NDF : 36.8/29

asym_sam_3726_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.684 $\pm$ 0.014 χ^2 /NDF: 1218773.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 42.754 $\pm$ 0.013 χ^2 /NDF: 1377038.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

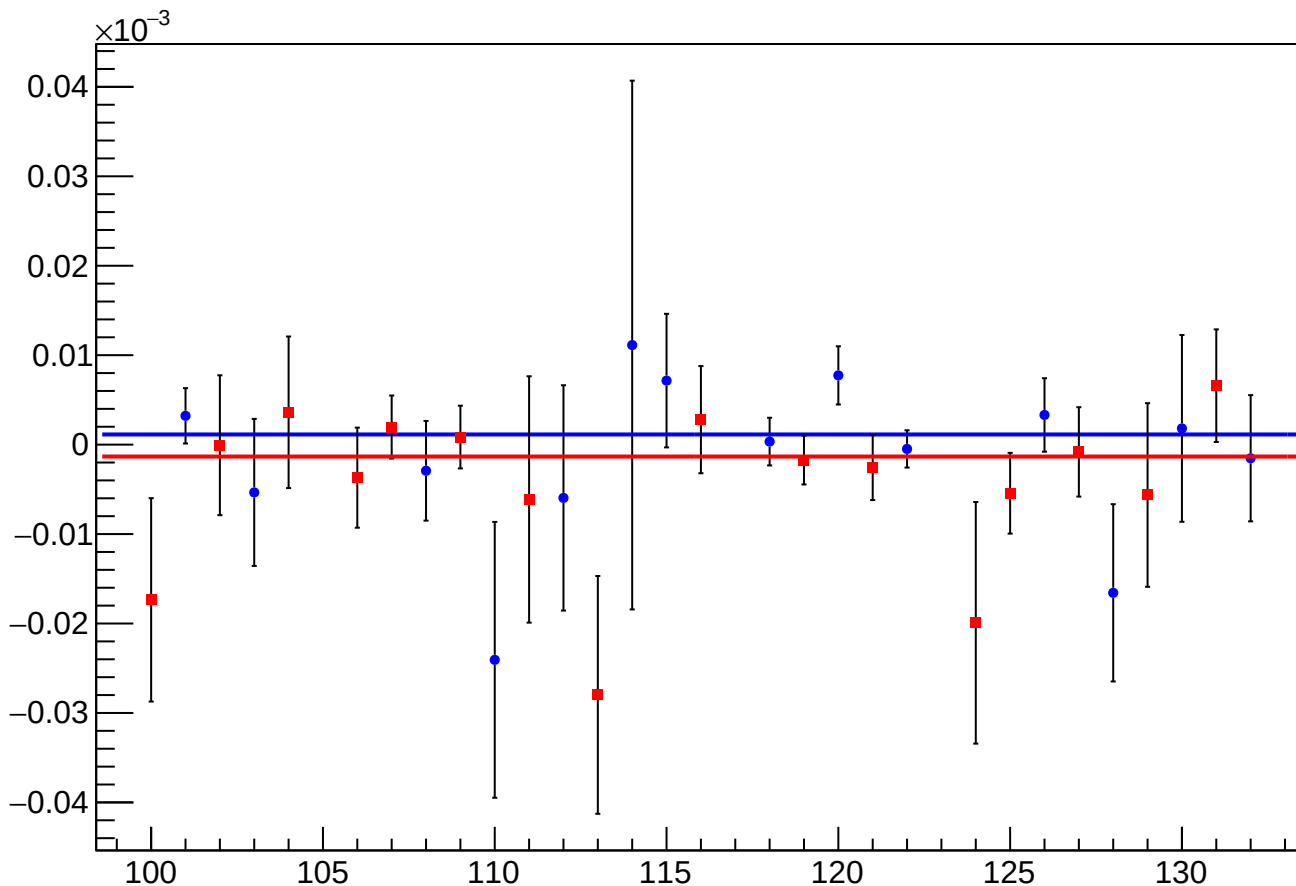
Right: 43.660 $\pm$ 0.010 χ^2 /NDF: 2605673.2/29

In: 44.684 $\pm$ 0.014 χ^2 /NDF:1218773.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 43.660 $\pm$ 0.010 χ^2 /NDF: 2605673.2/29

asym_sam_3726_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

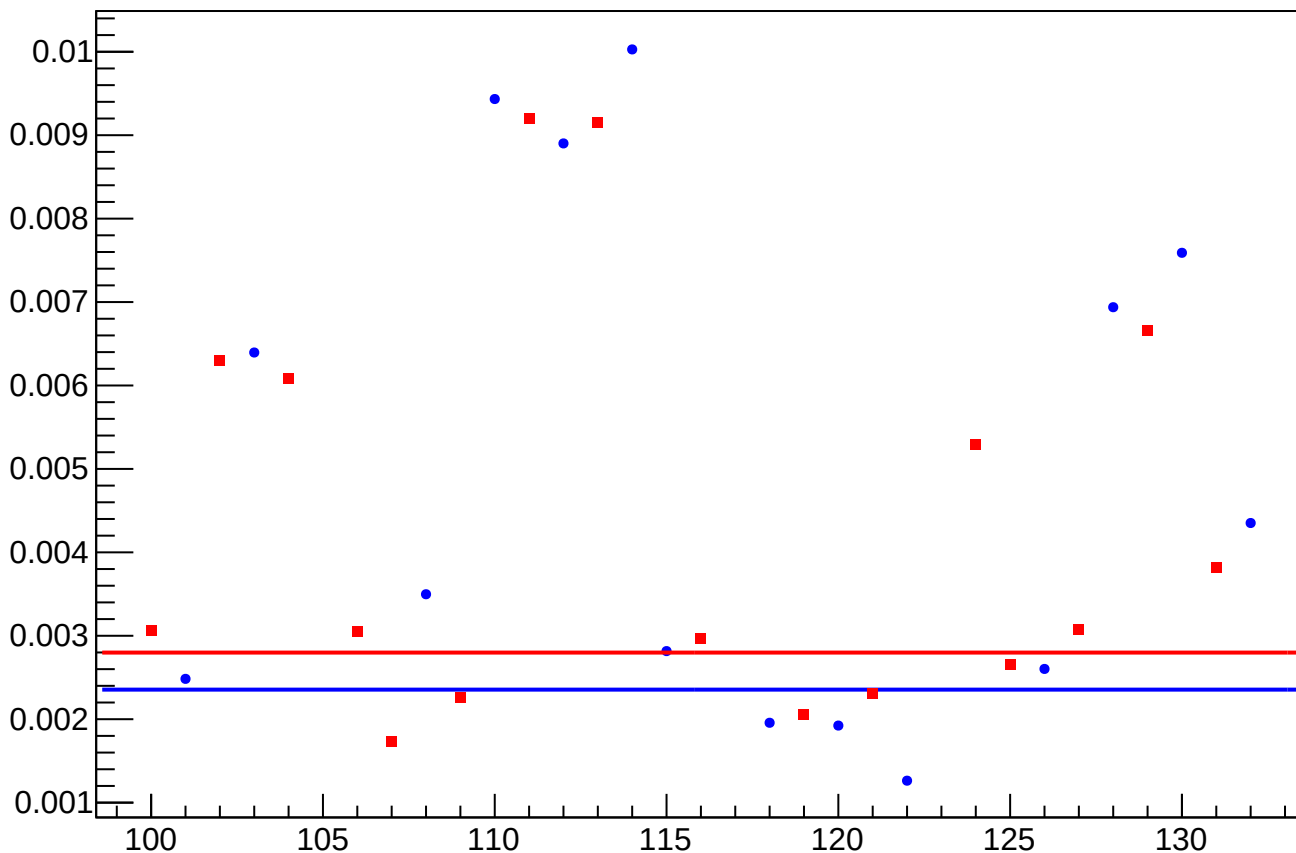
Right: 0.000+/-0.000 χ^2/NDF : 28.9/29

In: 0.000+/-0.000 χ^2/NDF : 13.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.9/29

asym_sam_3726_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 3401050.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2424056.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

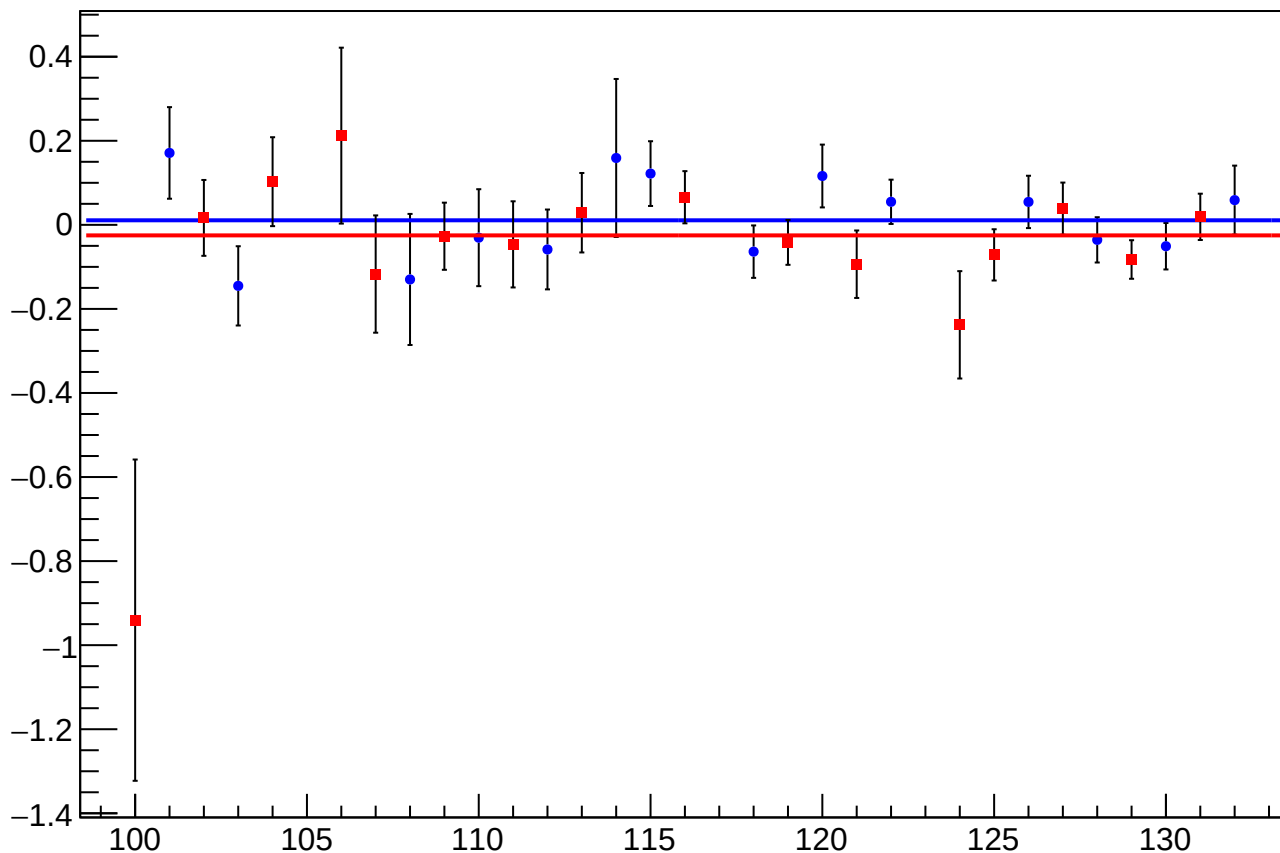
Right: 0.003+/-0.000 χ^2/NDF : 5957475.2/29

In: 0.002+/-0.000 χ^2/NDF :3401050.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 5957475.2/29

asym_sam_3726_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011 $\pm$ 0.020 χ^2 /NDF: 16.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.025 $\pm$ 0.019 χ^2 /NDF: 19.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

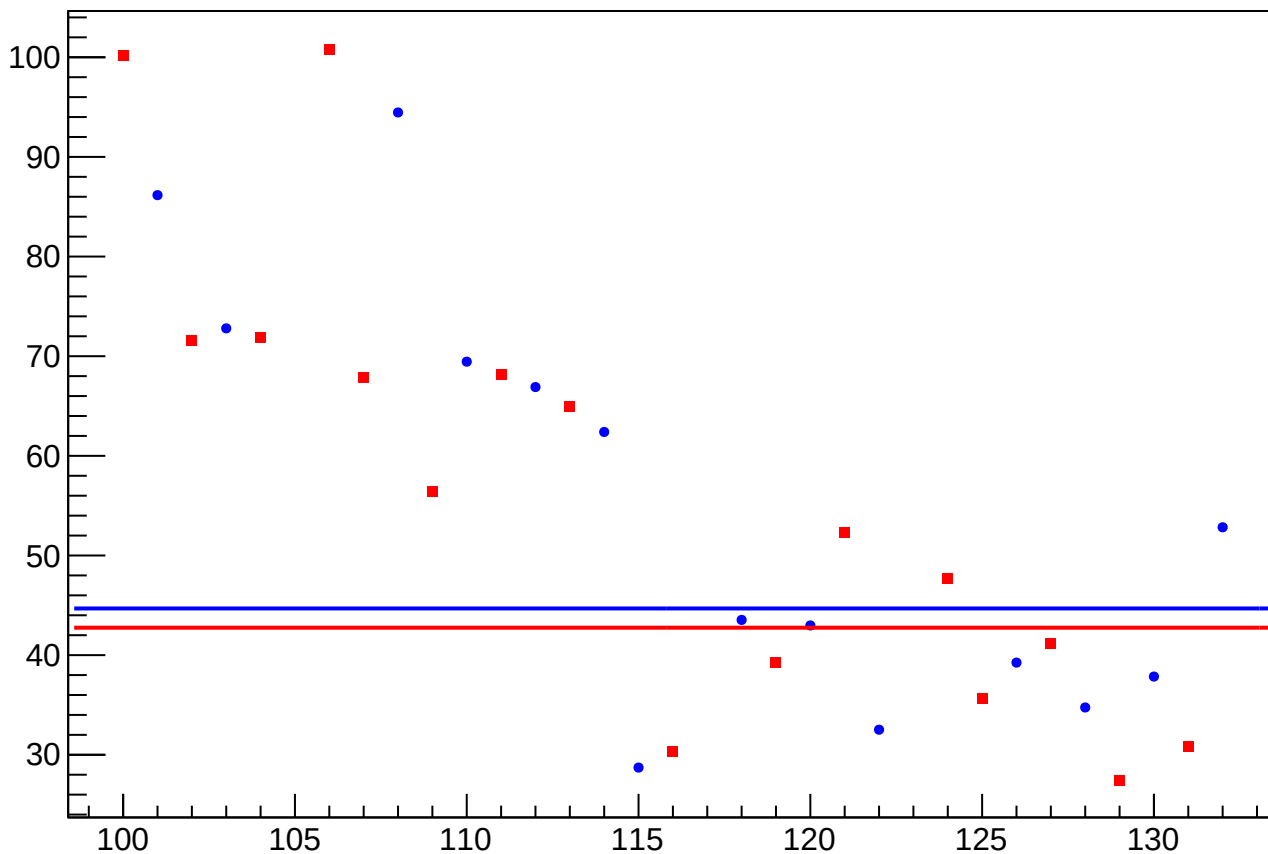
Right: -0.008 $\pm$ 0.014 χ^2 /NDF: 36.8/29

In: 0.011 $\pm$ 0.020 χ^2 /NDF:16.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.014 χ^2 /NDF: 36.8/29

asym_sam_3726_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.684+/-0.014 χ^2/NDF : 1218726.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.754+/-0.013 χ^2/NDF : 1376968.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

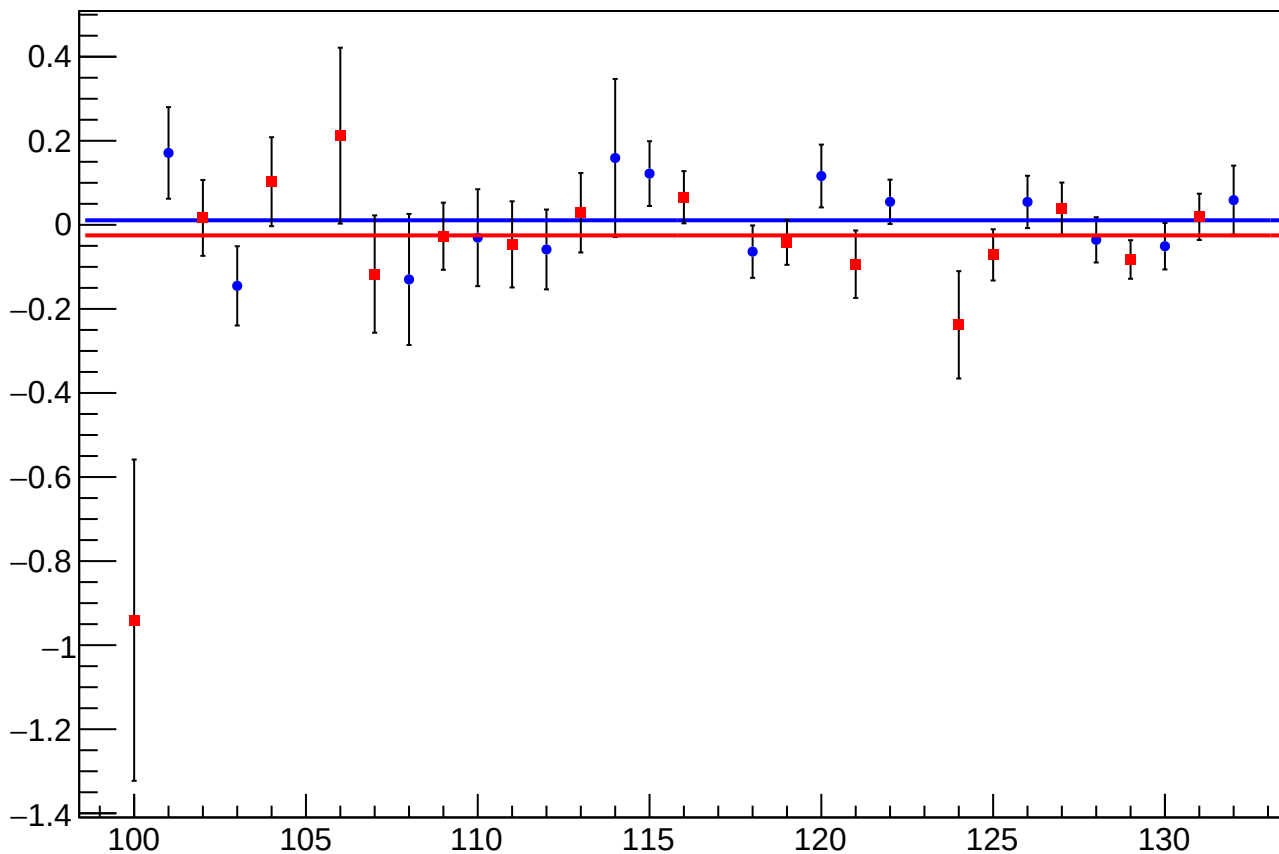
Right: 43.661+/-0.010 χ^2/NDF : 2605551.7/29

In: 44.684+/-0.014 χ^2/NDF : 1218726.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.661+/-0.010 χ^2/NDF : 2605551.7/29

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.020 χ^2/NDF : 16.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.025+/-0.019 χ^2/NDF : 19.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

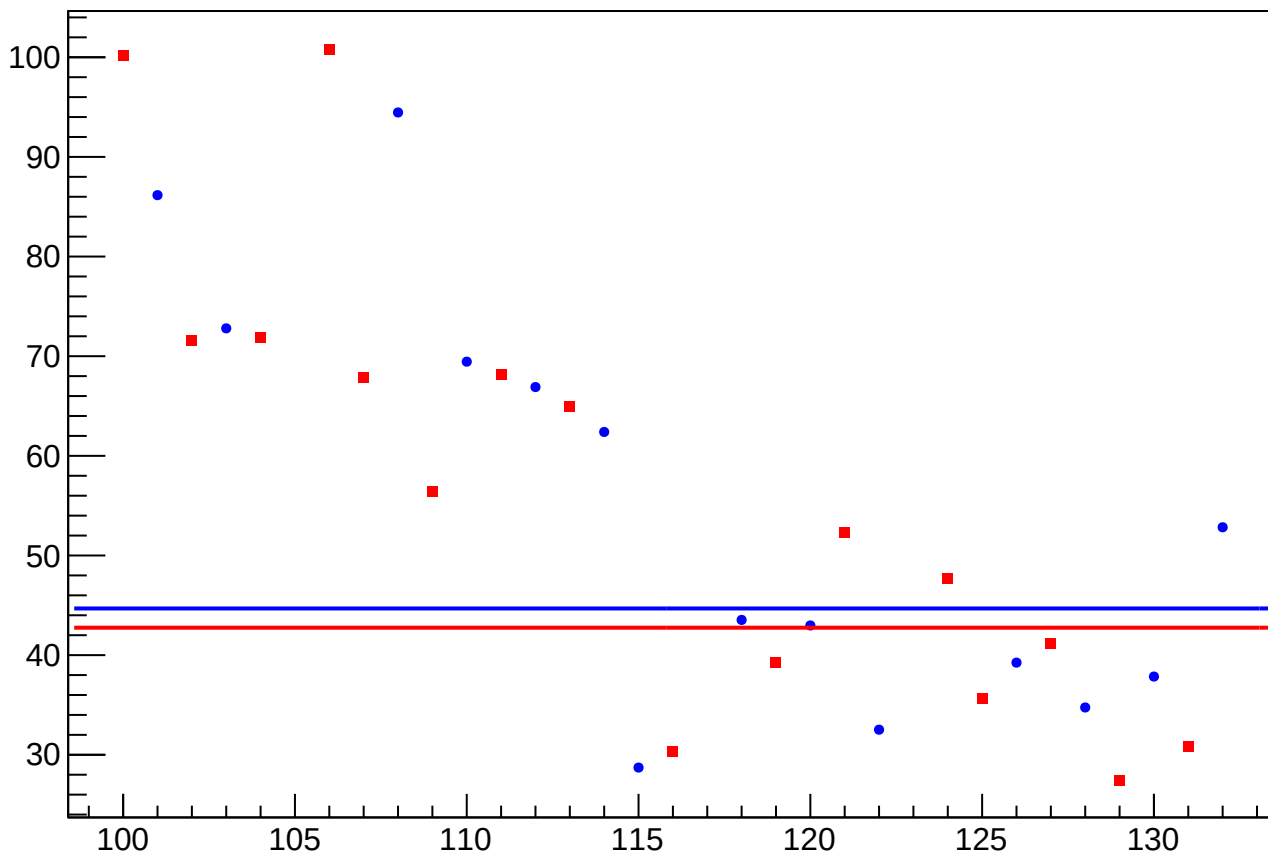
Right: -0.008+/-0.014 χ^2/NDF : 36.8/29

In: 0.011+/-0.020 χ^2/NDF : 16.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.014 χ^2/NDF : 36.8/29

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.684+/-0.014 χ^2/NDF : 1218726.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.754+/-0.013 χ^2/NDF : 1376968.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

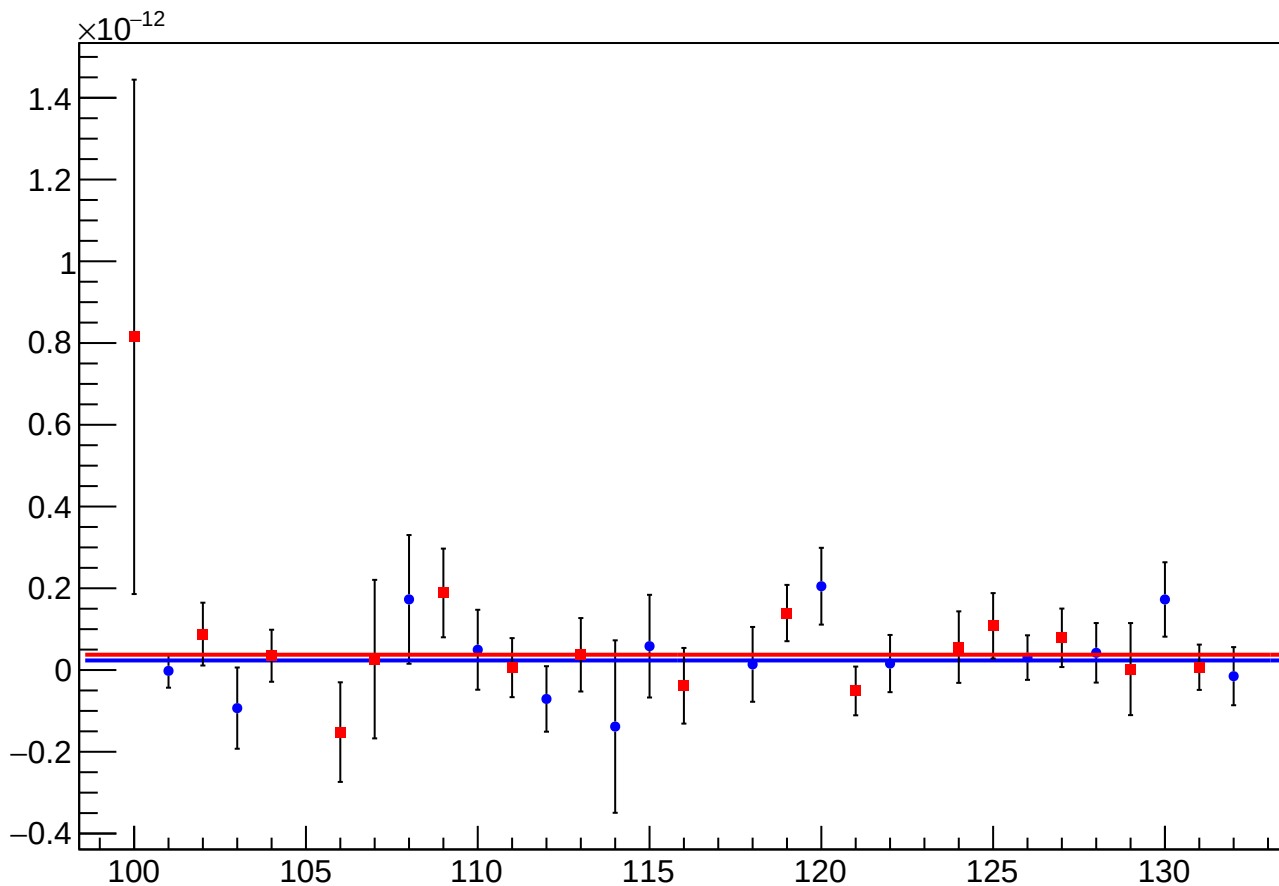
Right: 43.661+/-0.010 χ^2/NDF : 2605551.7/29

In: 44.684+/-0.014 χ^2/NDF : 1218726.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.661+/-0.010 χ^2/NDF : 2605551.7/29

asym_sam_3726_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

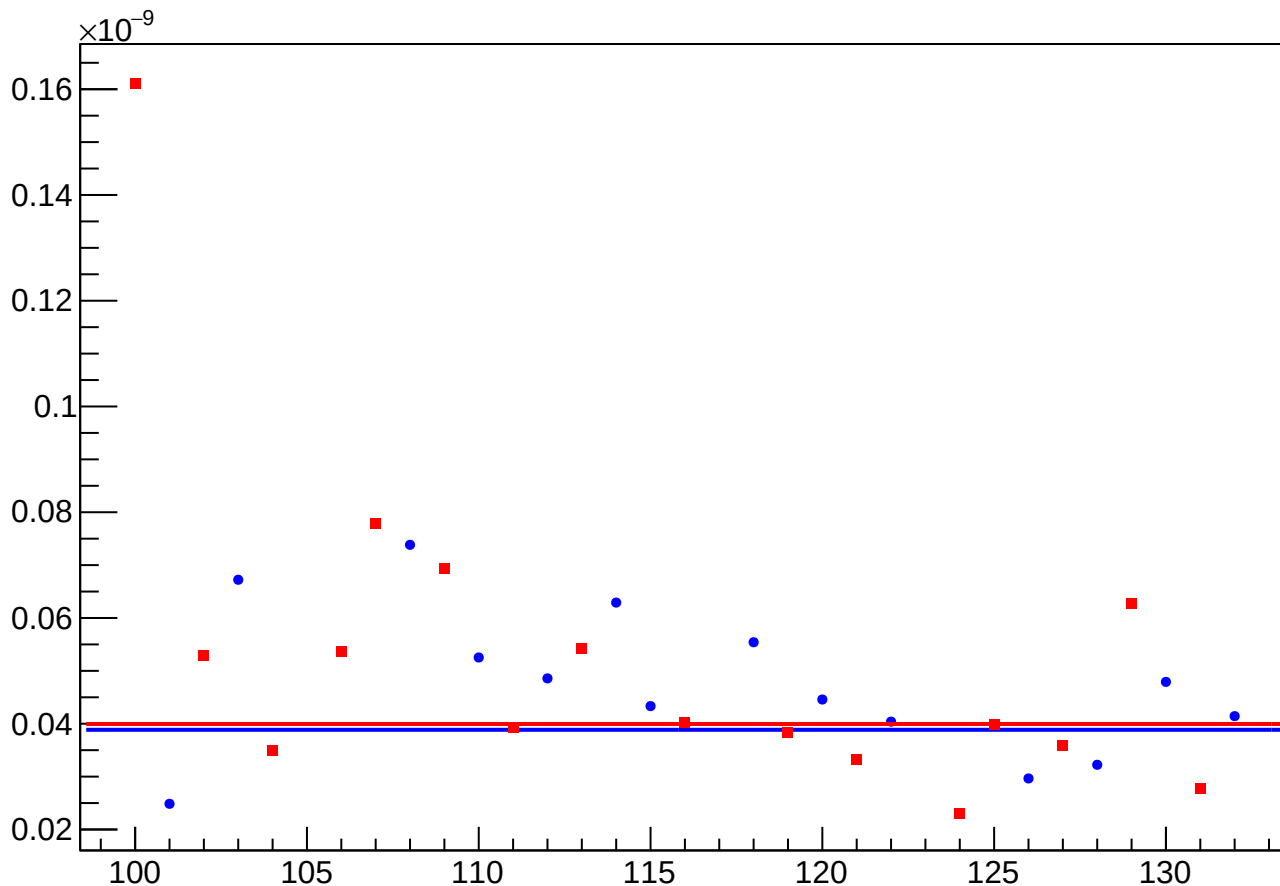
Right: 0.000+/-0.000 χ^2/NDF : 25.0/29

In: 0.000+/-0.000 χ^2/NDF : 11.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.0/29

asym_sam_3726_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 759892.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 729516.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

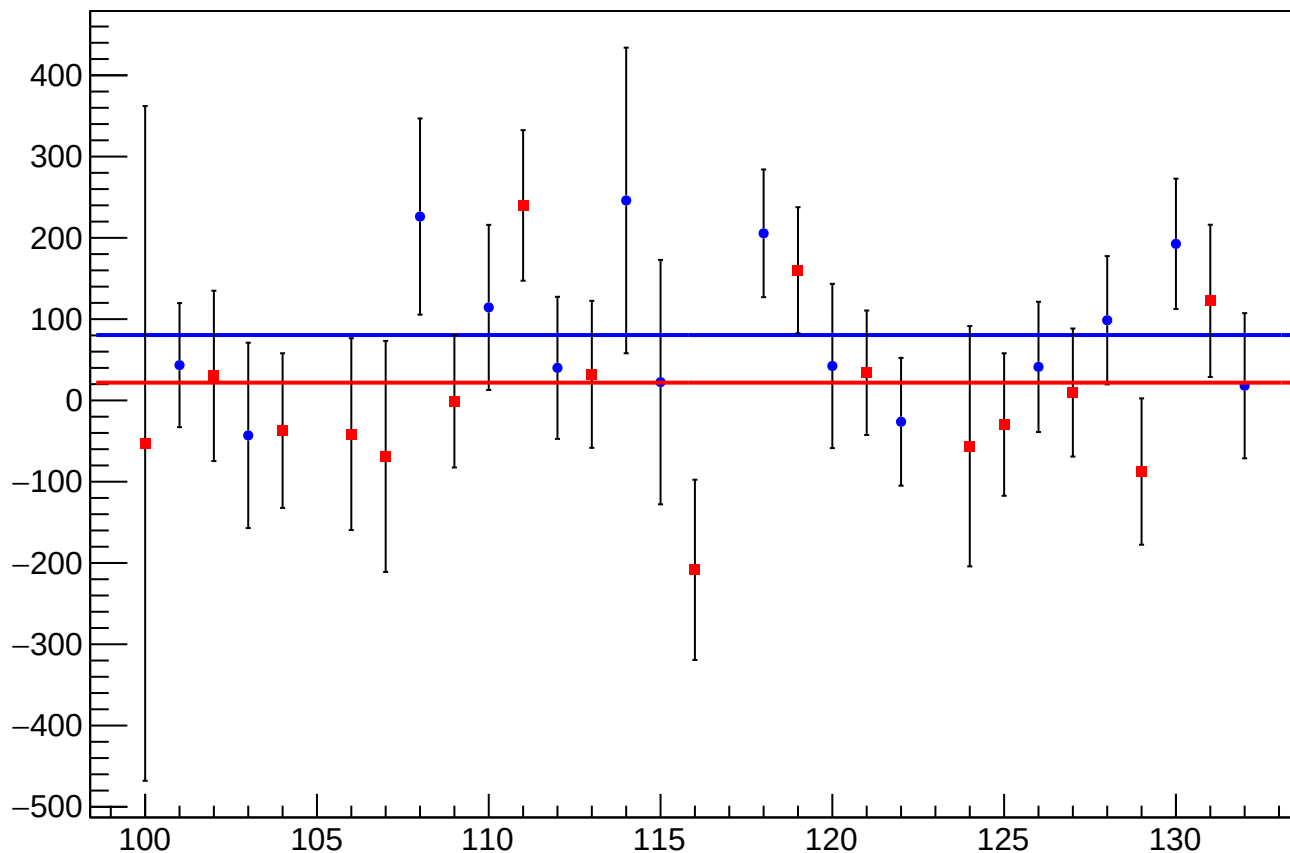
Right: 0.000+/-0.000 χ^2/NDF : 1492263.7/29

In: 0.000+/-0.000 χ^2/NDF : 759892.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1492263.7/29

reg_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 80.435+/-24.719 χ^2/NDF : 11.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.869+/-24.170 χ^2/NDF : 17.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

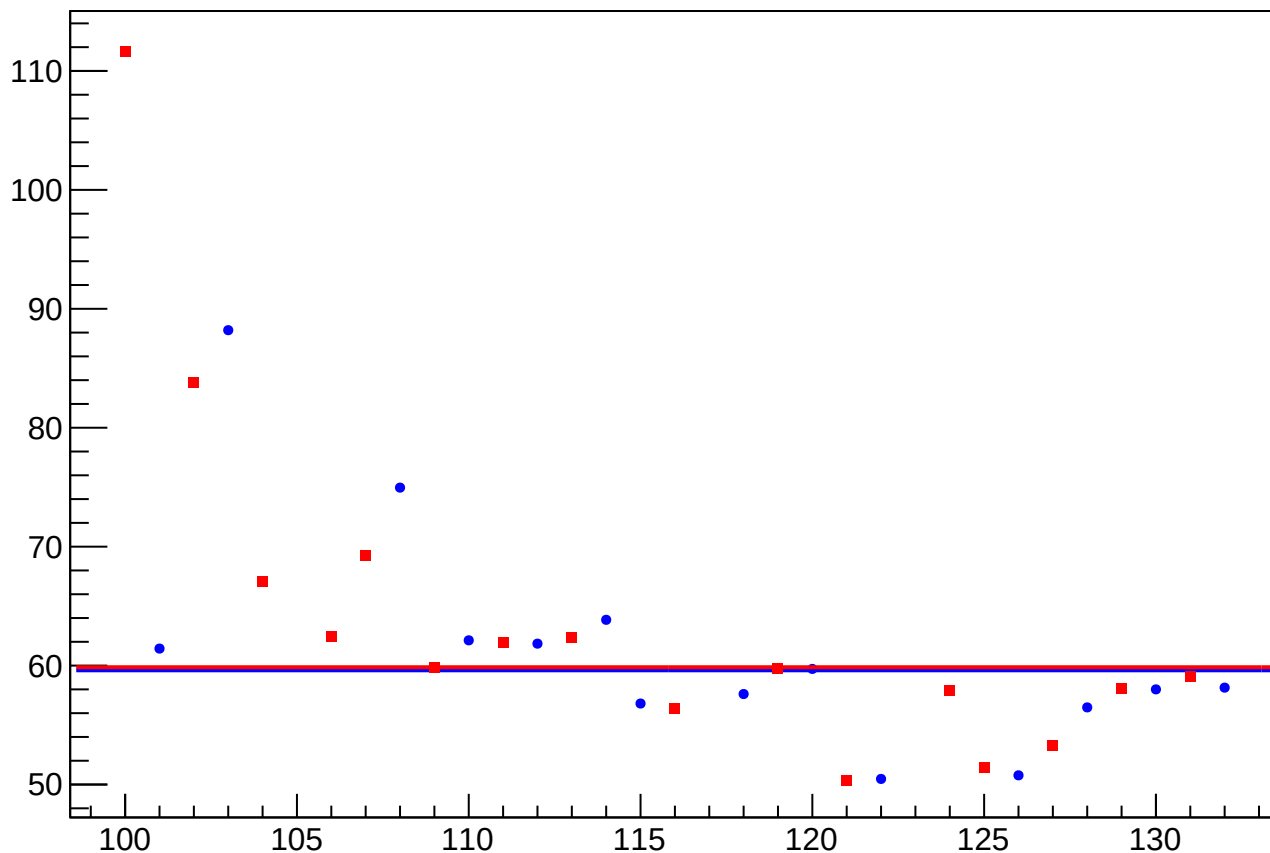
Right: 50.495+/-17.282 χ^2/NDF : 31.8/29

In: 80.435+/-24.719 χ^2/NDF : 11.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.495+/-17.282 χ^2/NDF : 31.8/29

reg_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 59.606+/-0.017 χ^2/NDF : 220628.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.861+/-0.017 χ^2/NDF : 225797.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

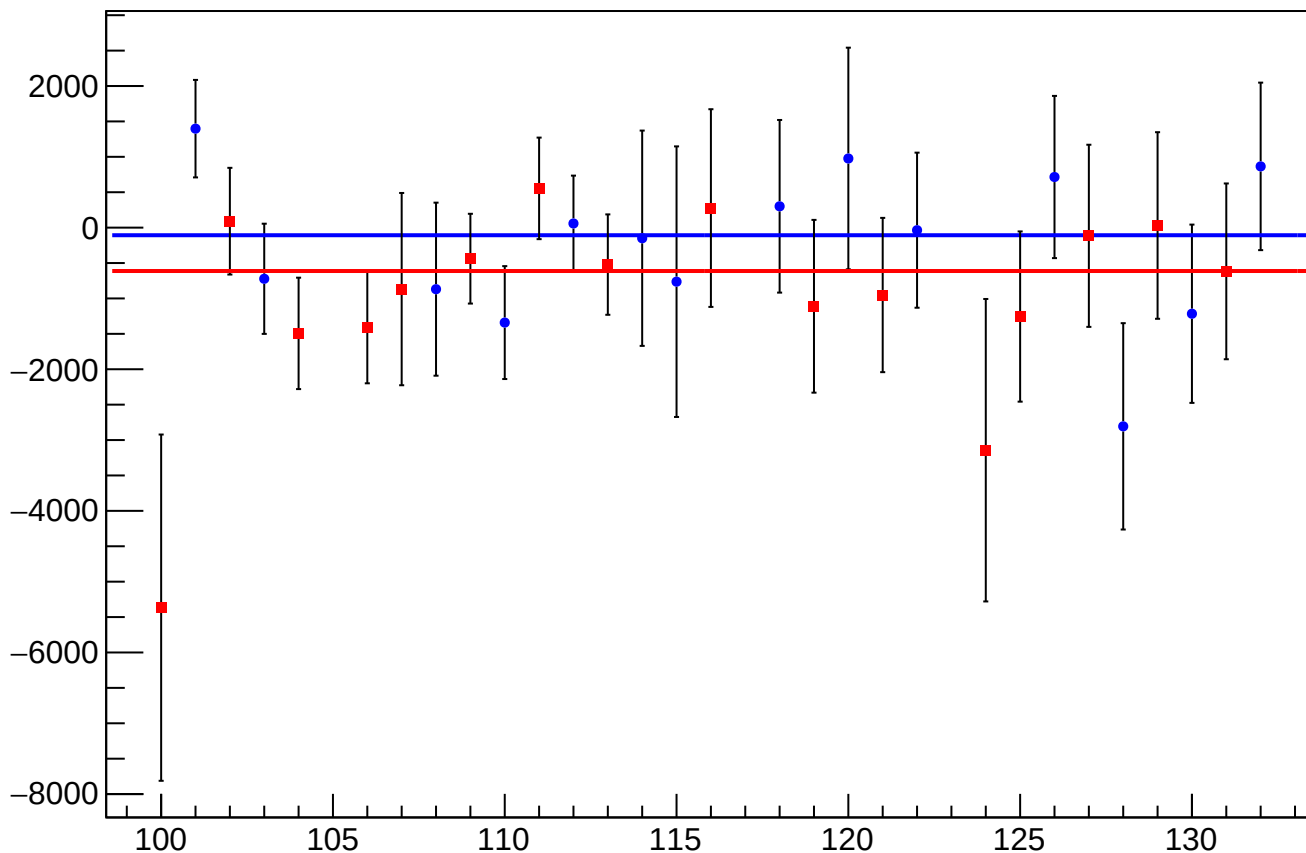
Right: 59.736+/-0.012 χ^2/NDF : 446535.0/29

In: 59.606+/-0.017 χ^2/NDF : 220628.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.736+/-0.012 χ^2/NDF : 446535.0/29

asym_sam_15_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -107.314 ± 273.239 $\chi^2/\text{NDF}: 14.4/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -612.647 ± 243.434 $\chi^2/\text{NDF}: 12.4/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

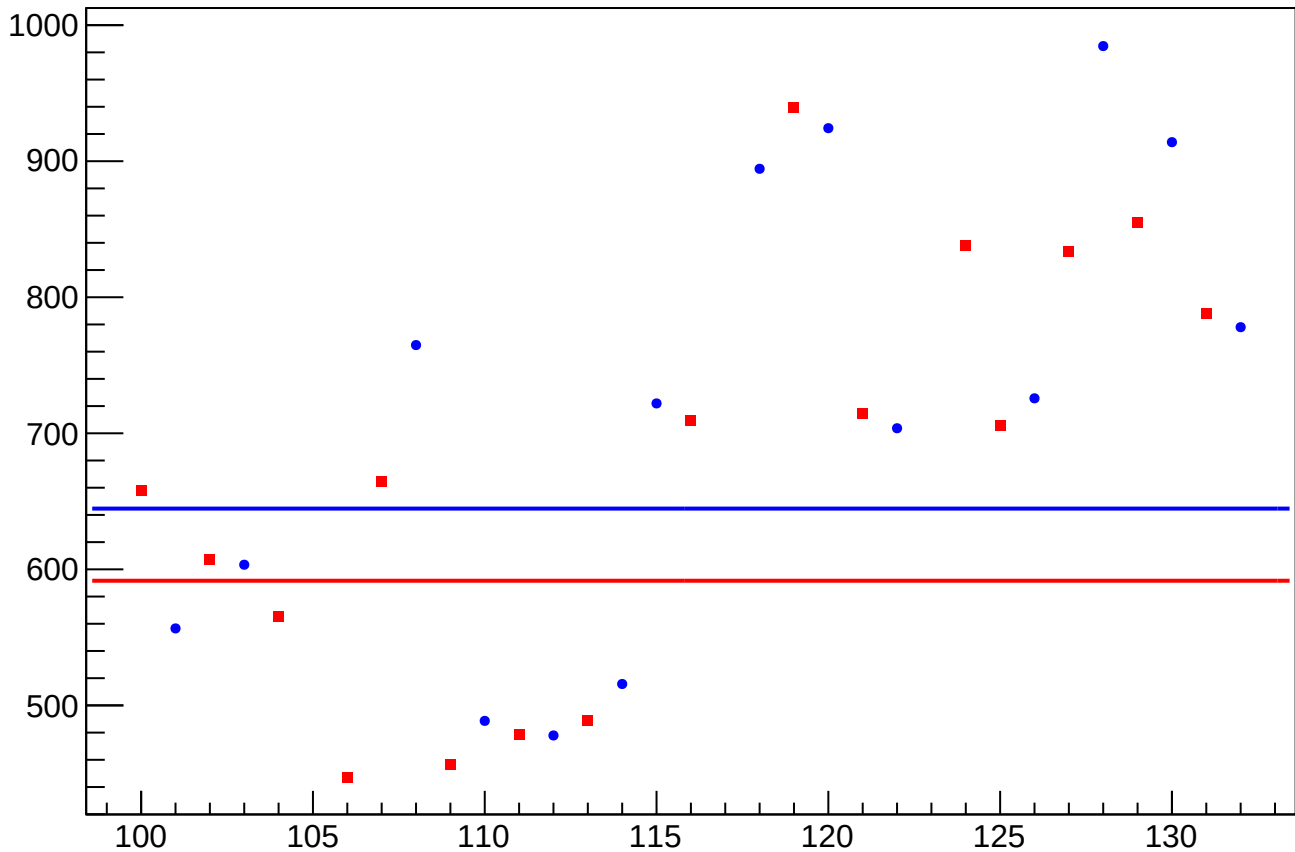
Right: -389.036 ± 181.761 $\chi^2/\text{NDF}: 28.7/29$

In: -107.314 ± 273.239 $\chi^2/\text{NDF}: 14.4/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -389.036 ± 181.761 $\chi^2/\text{NDF}: 28.7/29$

asym_sam_15_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 644.655+/-0.193 χ^2/NDF : 663167.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 591.631+/-0.172 χ^2/NDF : 707008.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

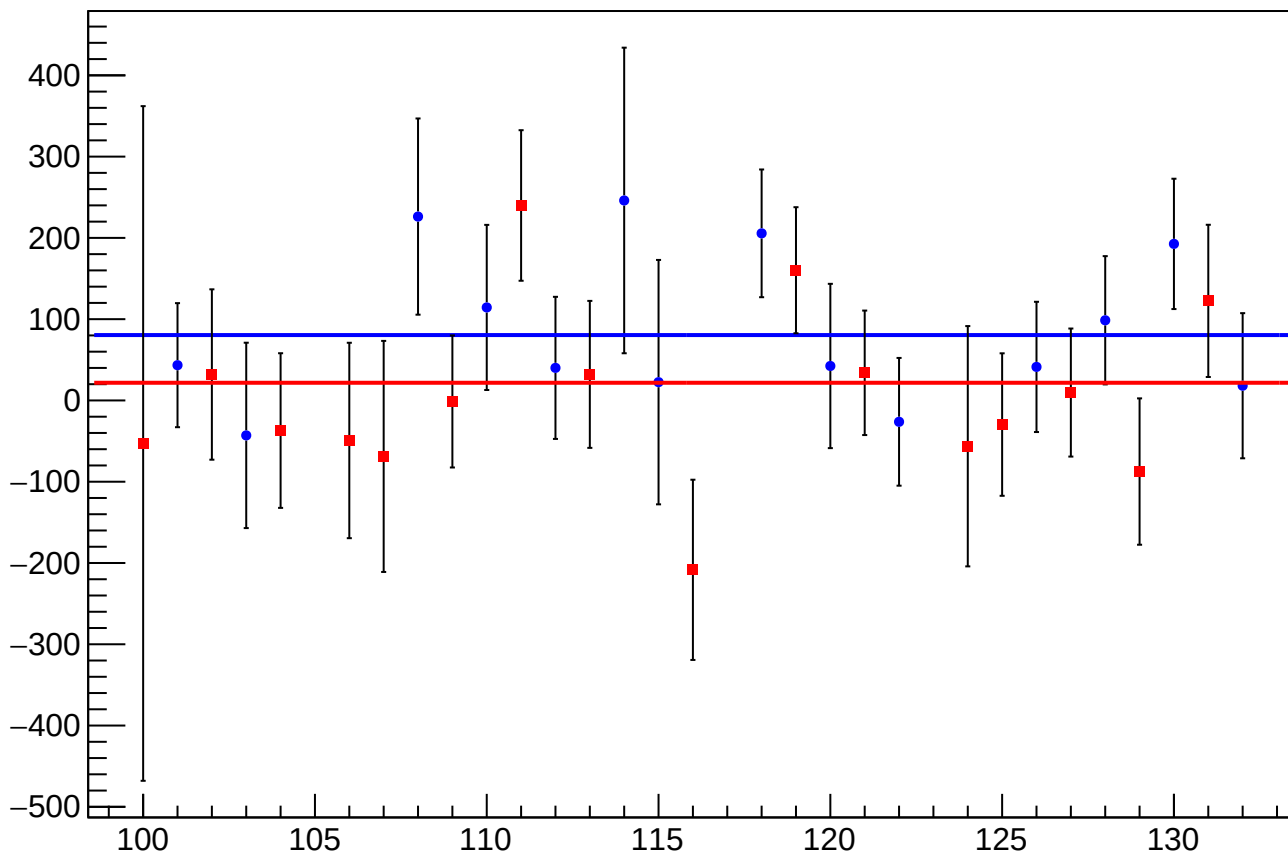
Right: 615.094+/-0.129 χ^2/NDF : 1412165.6/29

In: 644.655+/-0.193 χ^2/NDF : 663167.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 615.094+/-0.129 χ^2/NDF : 1412165.6/29

cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 80.444 $\pm$ 24.719 χ^2 /NDF: 11.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 21.751 $\pm$ 24.189 χ^2 /NDF: 17.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

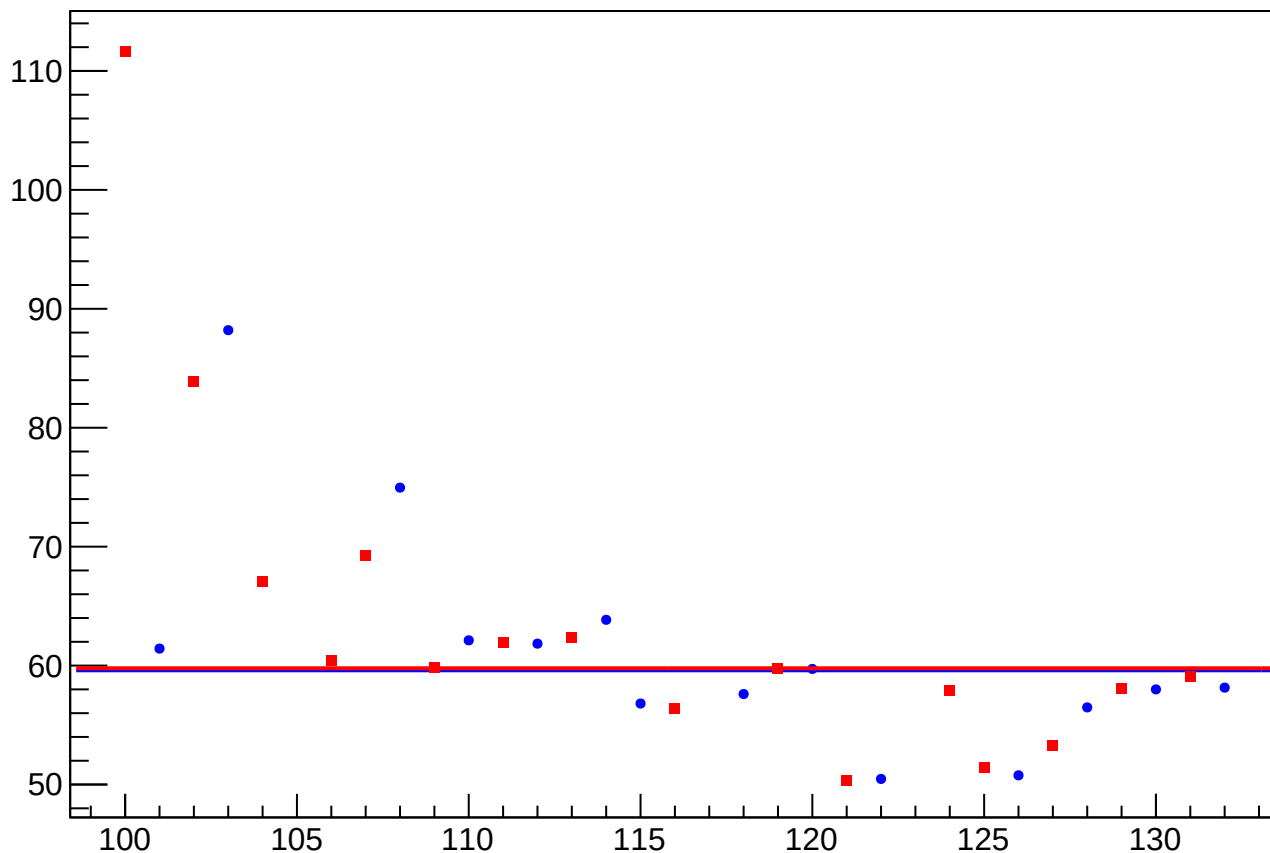
Right: 50.462 $\pm$ 17.289 χ^2 /NDF: 31.9/29

In: 80.444 $\pm$ 24.719 χ^2 /NDF:11.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 50.462 $\pm$ 17.289 χ^2 /NDF: 31.9/29

cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 59.606+/-0.017 χ^2/NDF : 220631.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.775+/-0.017 χ^2/NDF : 225072.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

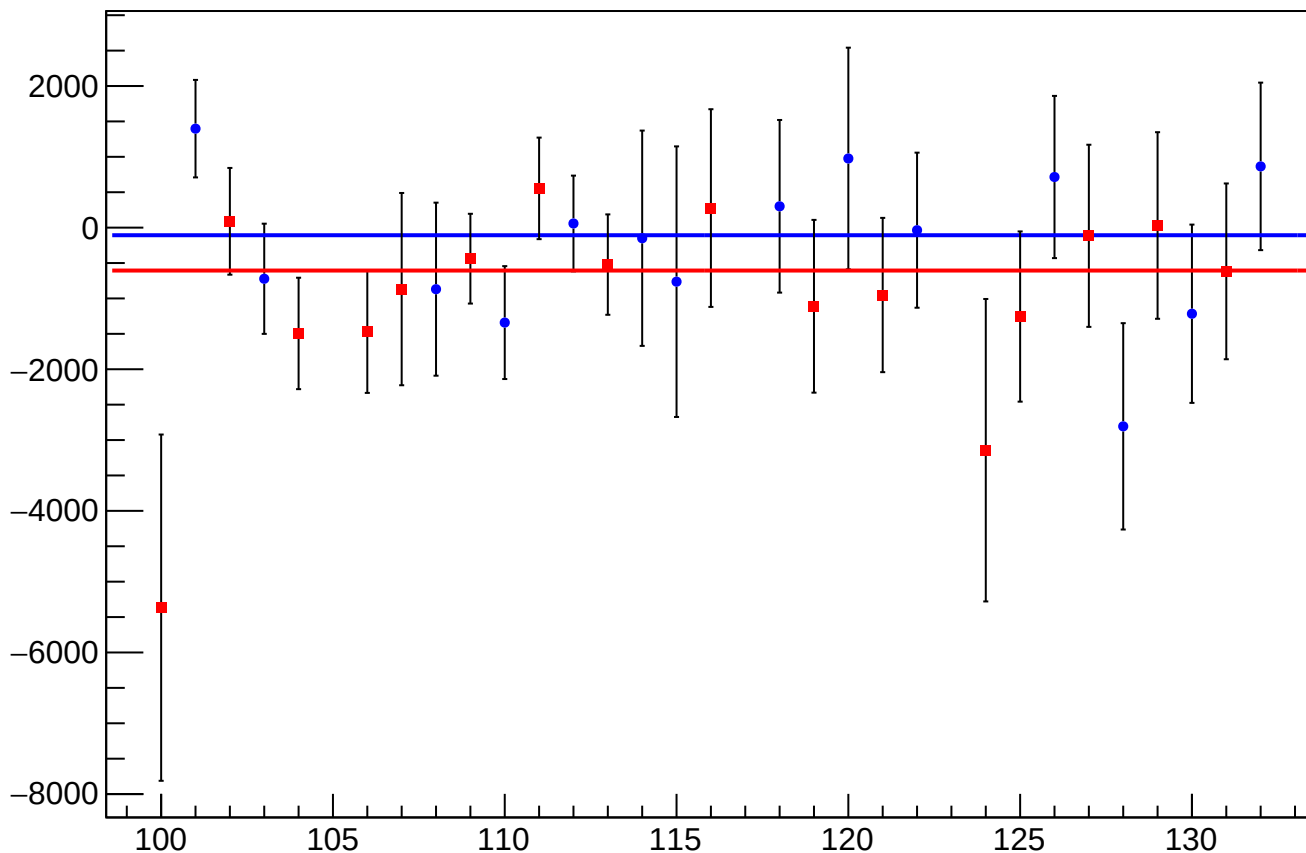
Right: 59.692+/-0.012 χ^2/NDF : 445751.9/29

In: 59.606+/-0.017 χ^2/NDF : 220631.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.692+/-0.012 χ^2/NDF : 445751.9/29

asym_sam_15_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -107.269+/-273.242 χ^2/NDF : 14.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -606.040+/-245.294 χ^2/NDF : 12.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

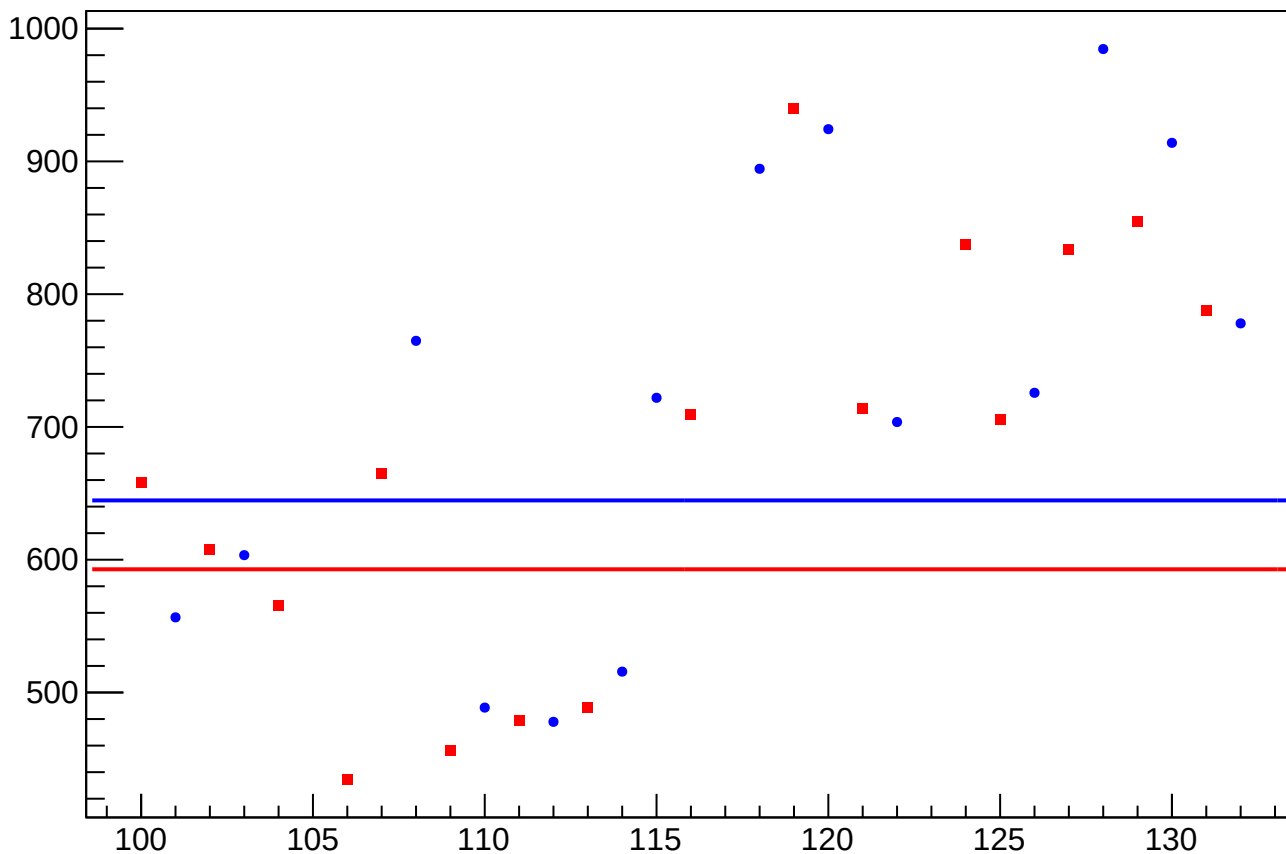
Right: -383.459+/-182.533 χ^2/NDF : 28.6/29

In: -107.269+/-273.242 χ^2/NDF : 14.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -383.459+/-182.533 χ^2/NDF : 28.6/29

asym_sam_15_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 644.662 $\pm$ 0.193 χ^2 /NDF: 663154.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 592.790 $\pm$ 0.173 χ^2 /NDF: 707171.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

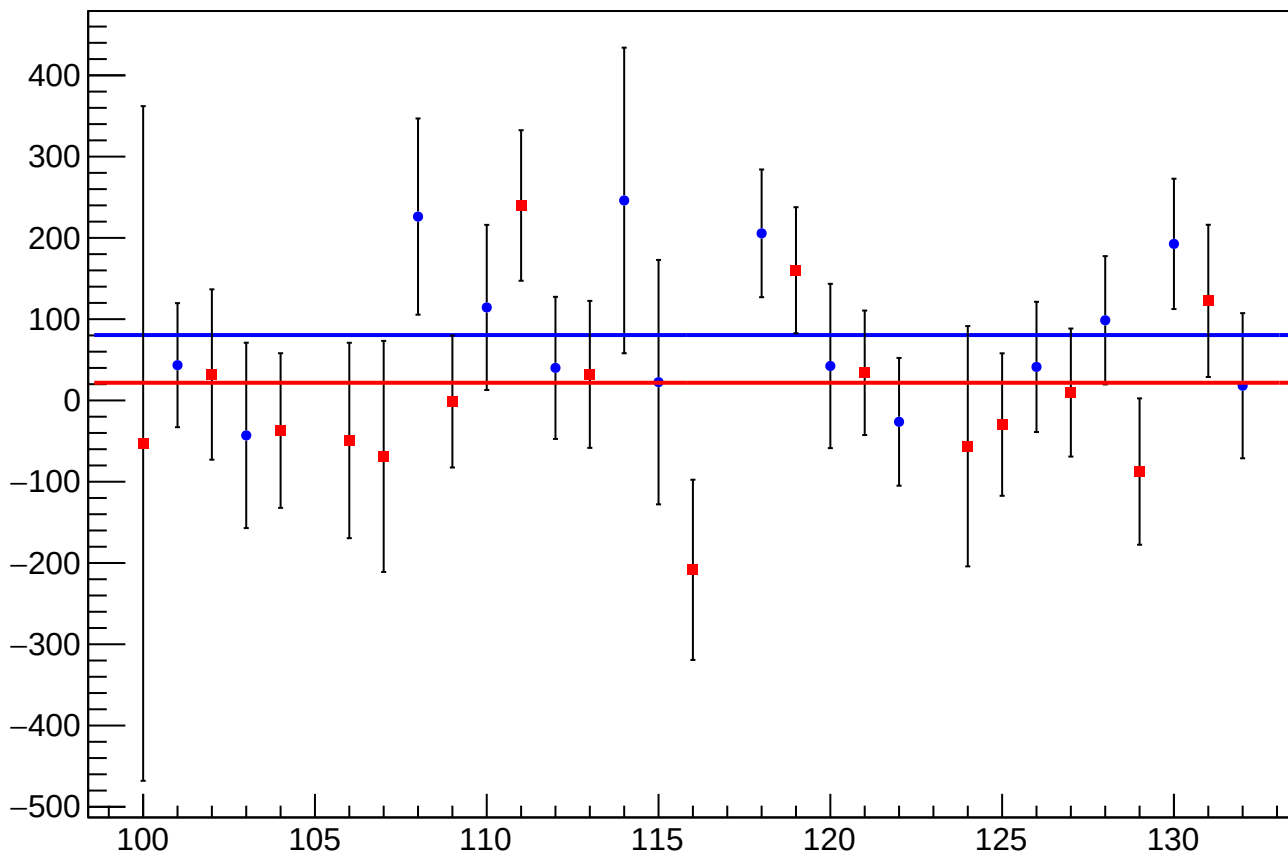
Right: 615.938 $\pm$ 0.129 χ^2 /NDF: 1410238.3/29

In: 644.662 $\pm$ 0.193 χ^2 /NDF:663154.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 615.938 $\pm$ 0.129 χ^2 /NDF: 1410238.3/29

eigen_cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 80.444+/-24.719 χ^2/NDF : 11.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.751+/-24.189 χ^2/NDF : 17.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

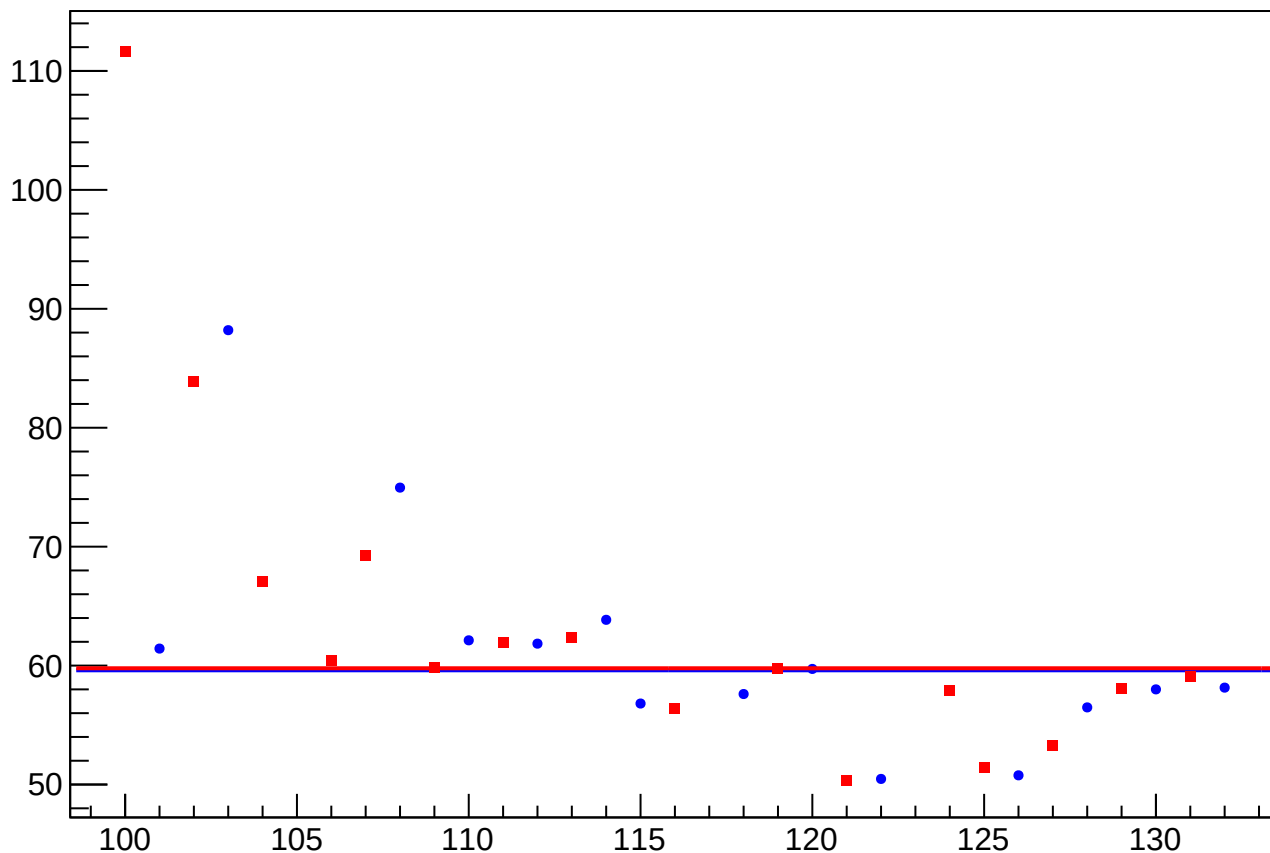
Right: 50.462+/-17.289 χ^2/NDF : 31.9/29

In: 80.444+/-24.719 χ^2/NDF : 11.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.462+/-17.289 χ^2/NDF : 31.9/29

eigen_cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 59.606+/-0.017 χ^2/NDF : 220631.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.775+/-0.017 χ^2/NDF : 225072.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

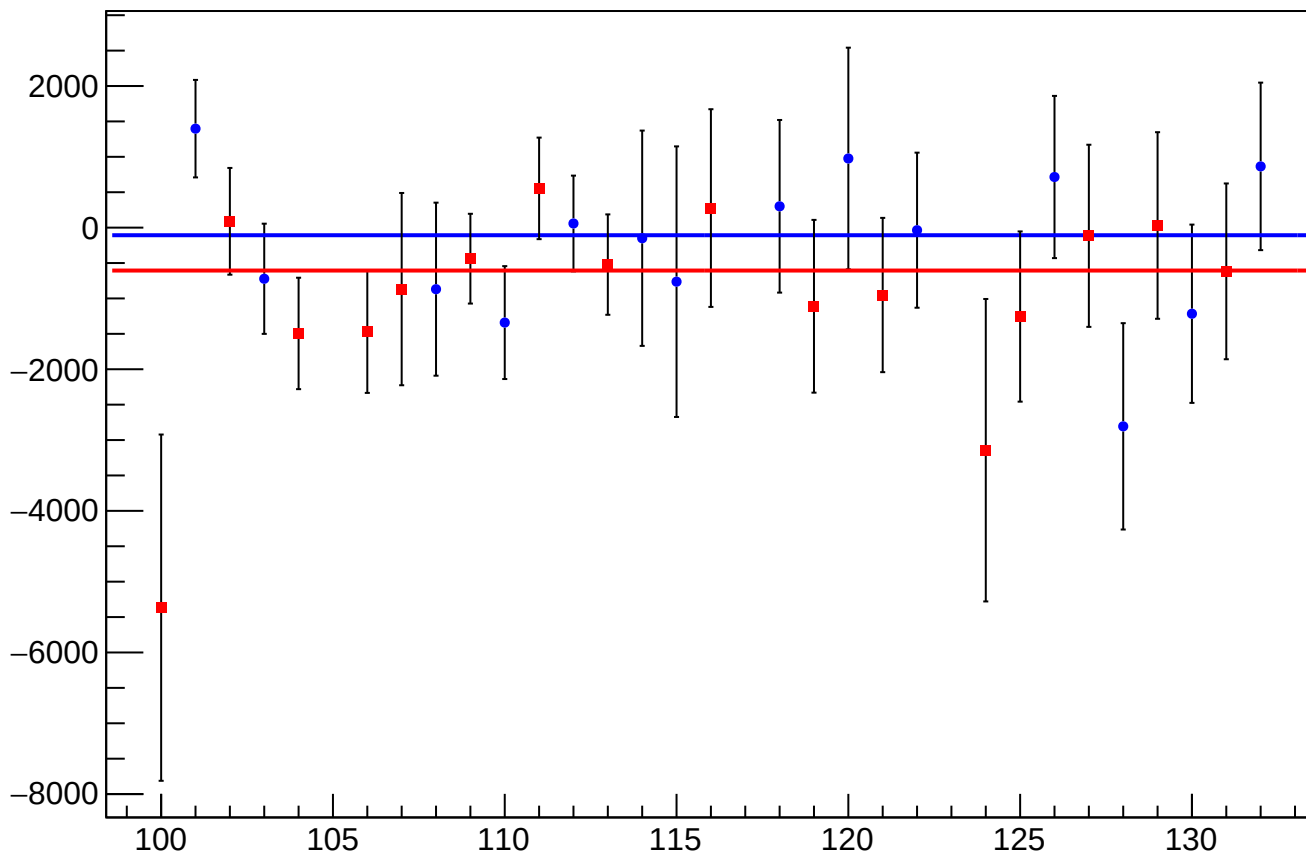
Right: 59.692+/-0.012 χ^2/NDF : 445751.9/29

In: 59.606+/-0.017 χ^2/NDF : 220631.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.692+/-0.012 χ^2/NDF : 445751.9/29

asym_sam_15_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -107.269 ± 273.242 χ^2/NDF : 14.4/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -606.040 ± 245.294 χ^2/NDF : 12.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

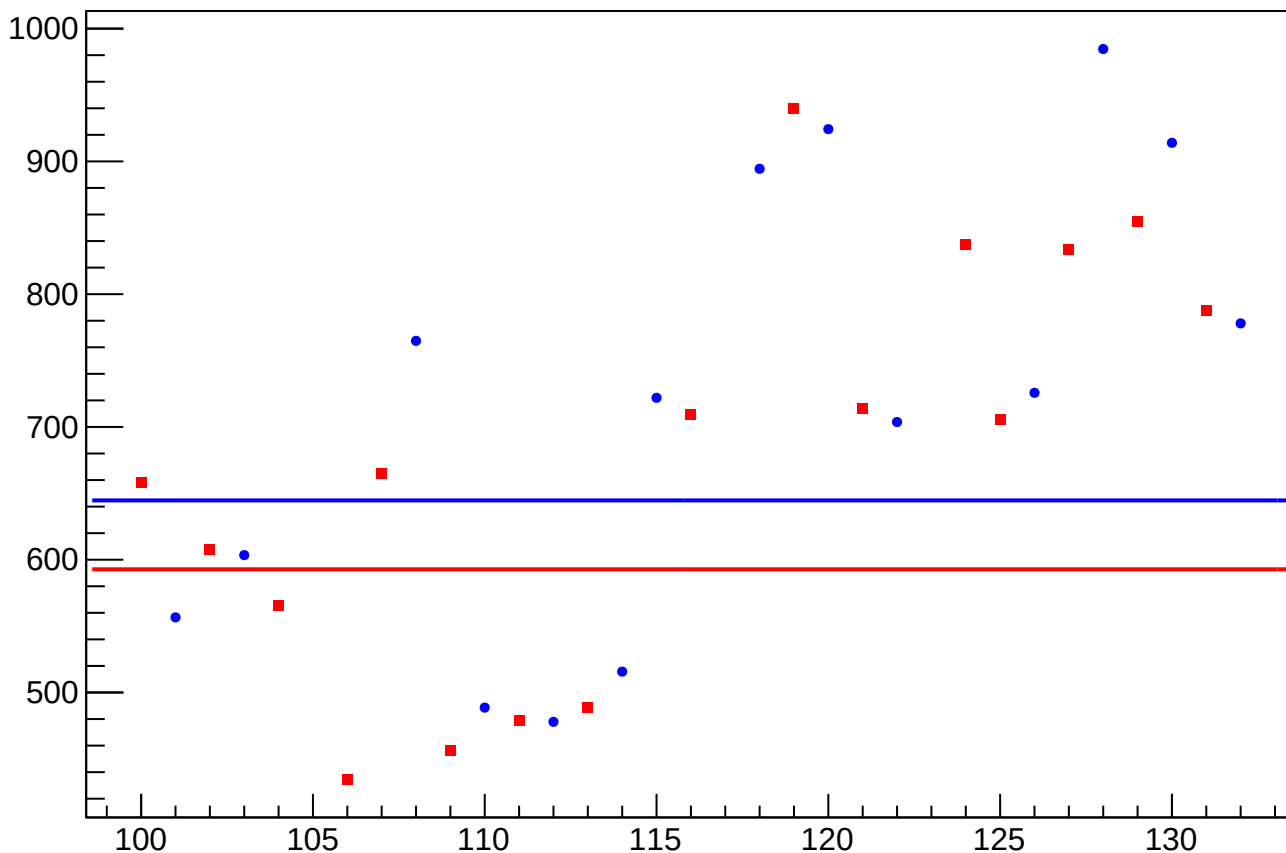
Right: -383.459 ± 182.533 χ^2/NDF : 28.6/29

In: -107.269 ± 273.242 χ^2/NDF : 14.4/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -383.459 ± 182.533 χ^2/NDF : 28.6/29

asym_sam_15_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 644.662 $\pm$ 0.193 χ^2 /NDF: 663154.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 592.790 $\pm$ 0.173 χ^2 /NDF: 707171.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

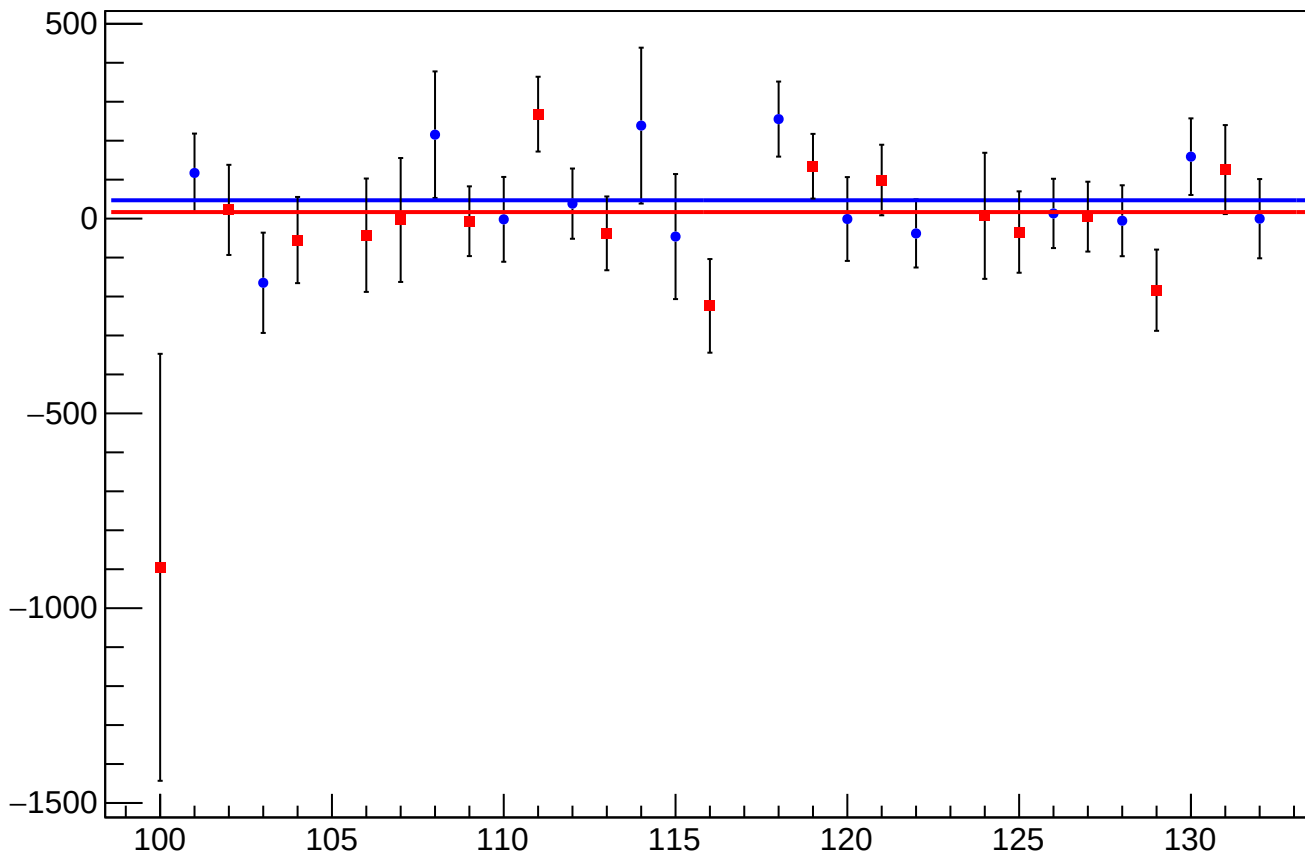
Right: 615.938 $\pm$ 0.129 χ^2 /NDF: 1410238.3/29

In: 644.662 $\pm$ 0.193 χ^2 /NDF:663154.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 615.938 $\pm$ 0.129 χ^2 /NDF: 1410238.3/29

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 47.055+/-28.405 χ^2/NDF : 13.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.759+/-27.212 χ^2/NDF : 22.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

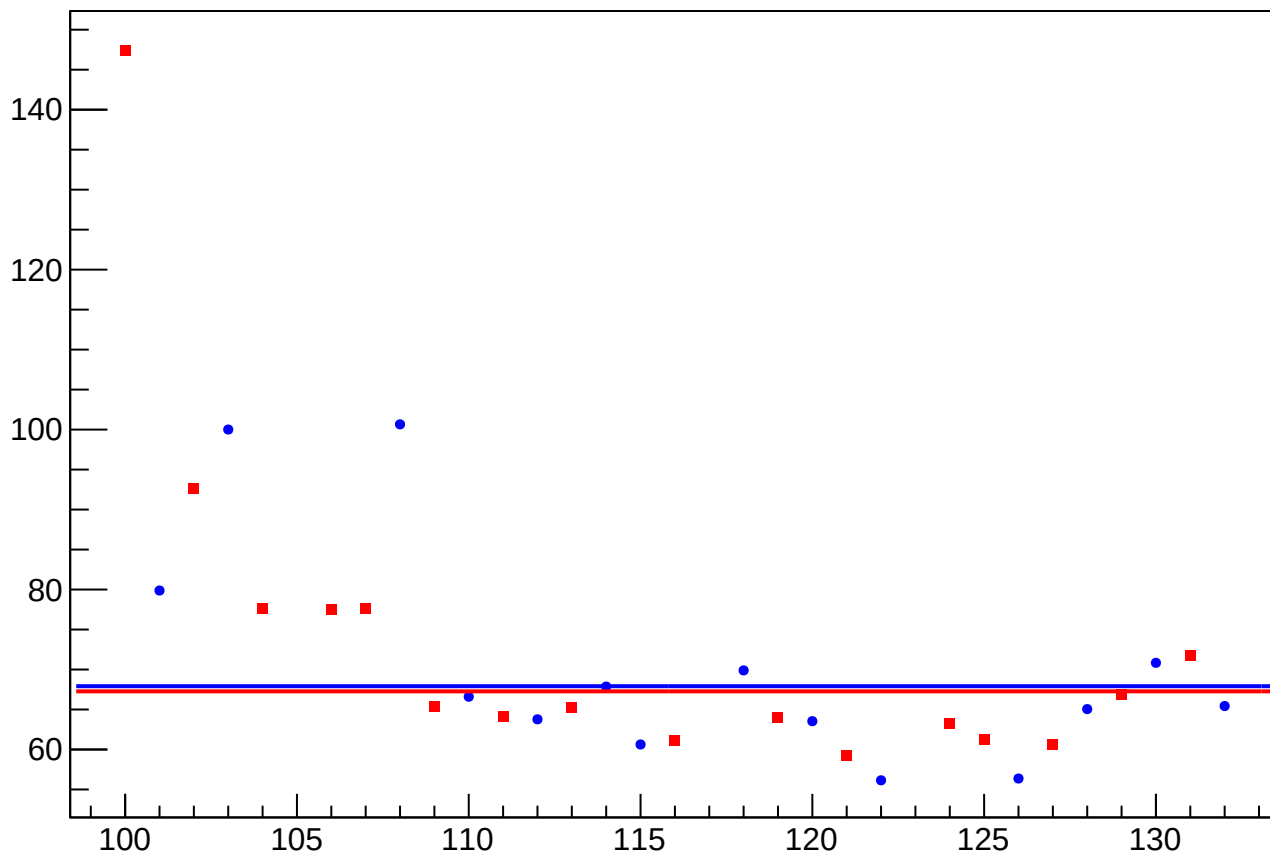
Right: 31.257+/-19.650 χ^2/NDF : 36.5/29

In: 47.055+/-28.405 χ^2/NDF : 13.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.257+/-19.650 χ^2/NDF : 36.5/29

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 67.914+/-0.020 χ^2/NDF : 321261.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.271+/-0.019 χ^2/NDF : 225188.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

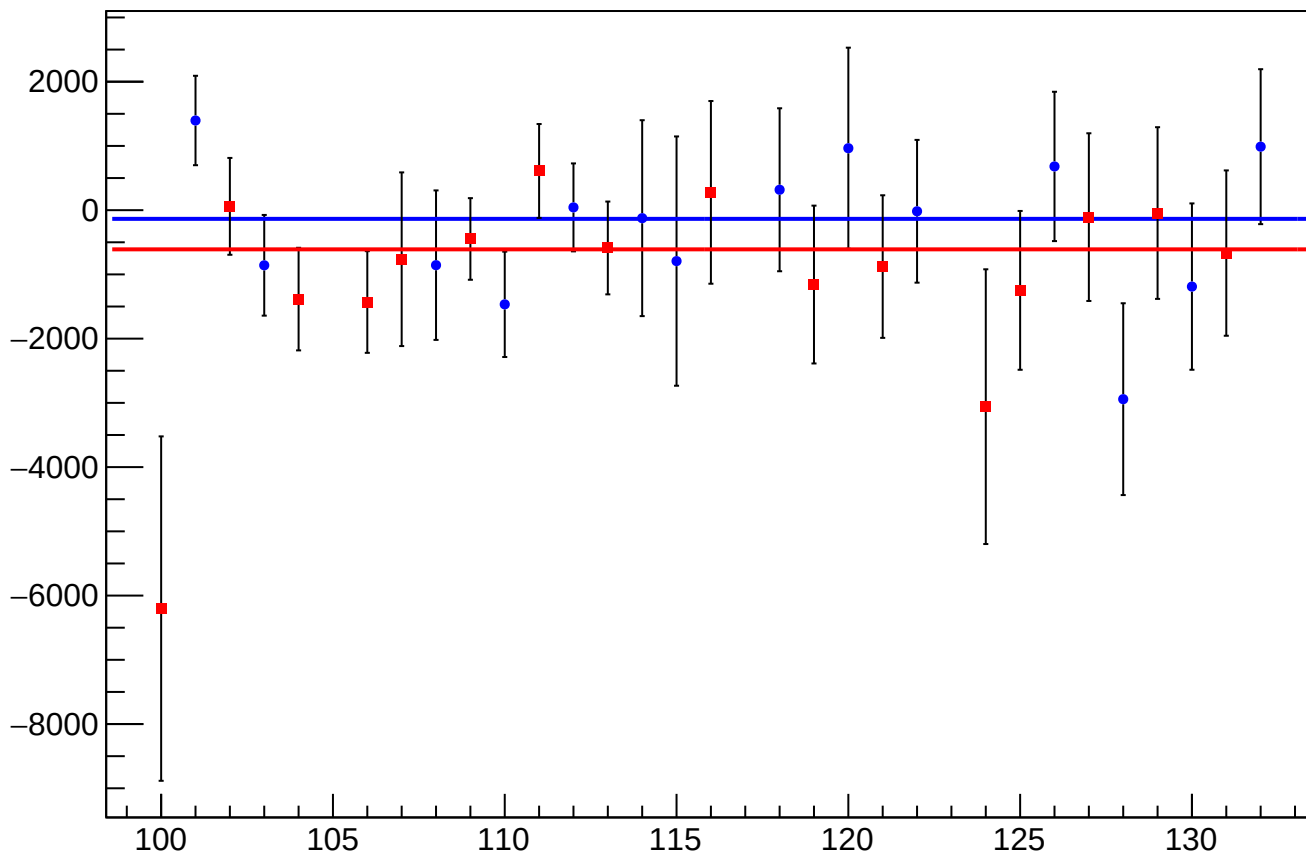
Right: 67.579+/-0.014 χ^2/NDF : 546984.5/29

In: 67.914+/-0.020 χ^2/NDF : 321261.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.579+/-0.014 χ^2/NDF : 546984.5/29

asym_sam_15_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -135.308 $\pm$ 276.728 χ^2 /NDF: 15.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -610.026 $\pm$ 246.421 χ^2 /NDF: 12.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

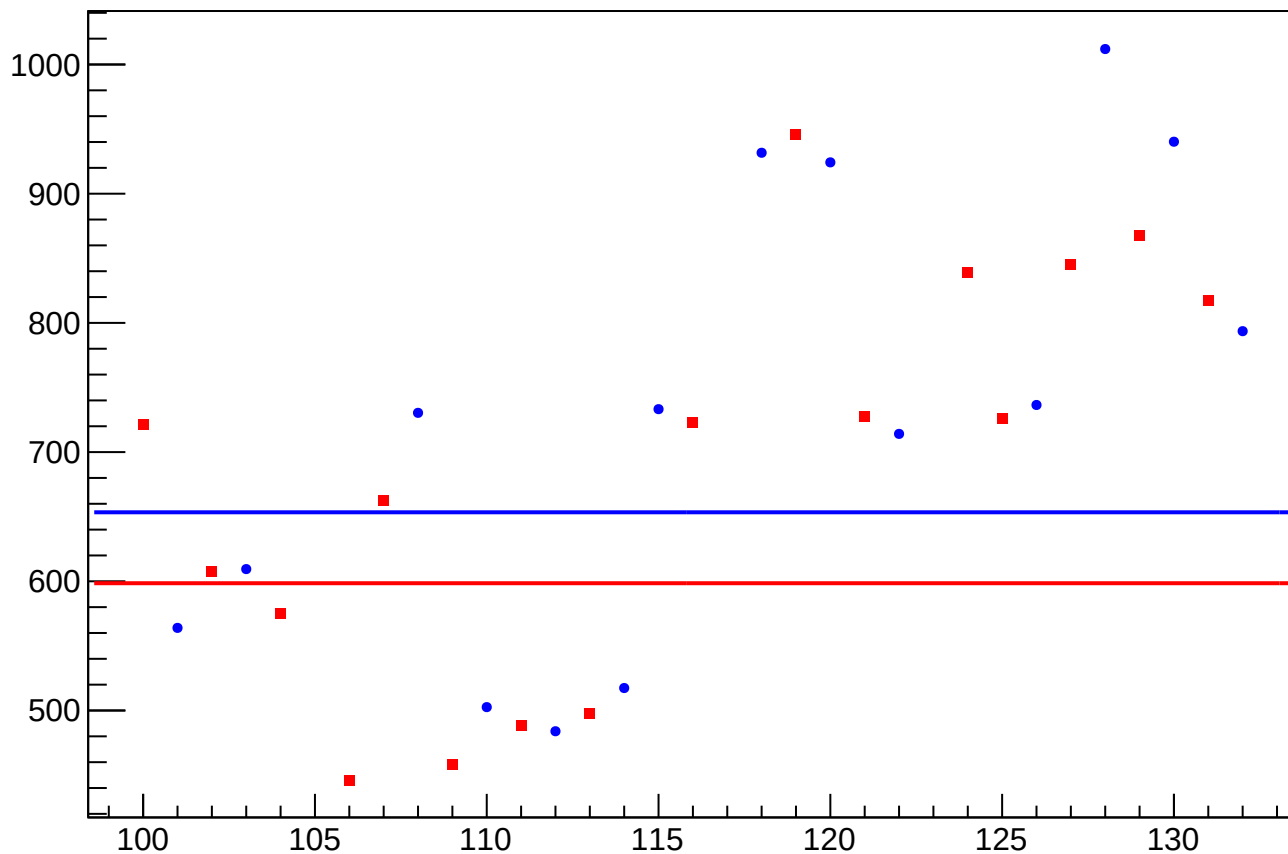
Right: -400.076 $\pm$ 184.032 χ^2 /NDF: 29.3/29

In: -135.308 $\pm$ 276.728 χ^2 /NDF:15.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -400.076 $\pm$ 184.032 χ^2 /NDF: 29.3/29

asym_sam_15_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 653.409+/-0.196 χ^2/NDF : 670386.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 598.516+/-0.174 χ^2/NDF : 726204.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

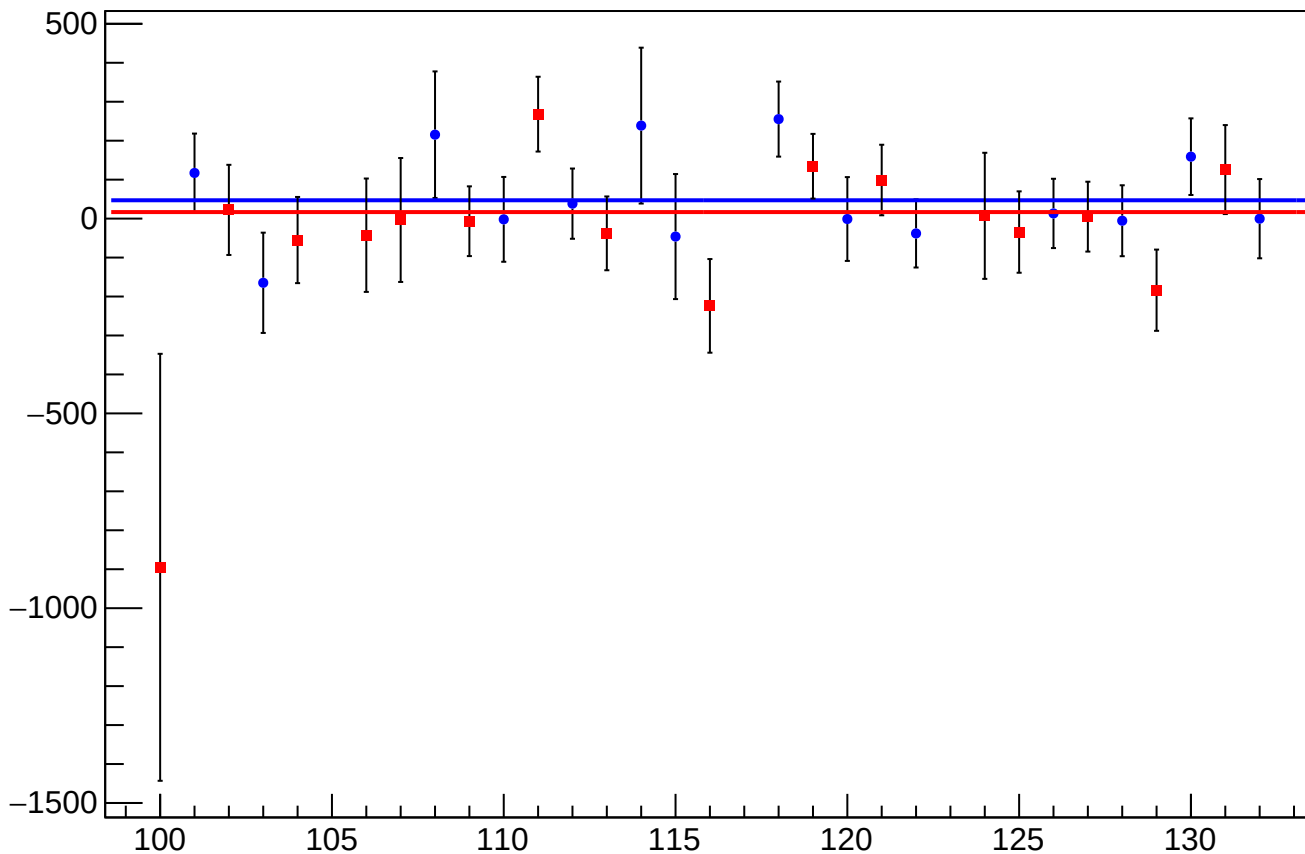
Right: 622.793+/-0.130 χ^2/NDF : 1440485.2/29

In: 653.409+/-0.196 χ^2/NDF : 670386.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 622.793+/-0.130 χ^2/NDF : 1440485.2/29

eigen_dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 47.054+/-28.405 χ^2/NDF : 13.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.759+/-27.212 χ^2/NDF : 22.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

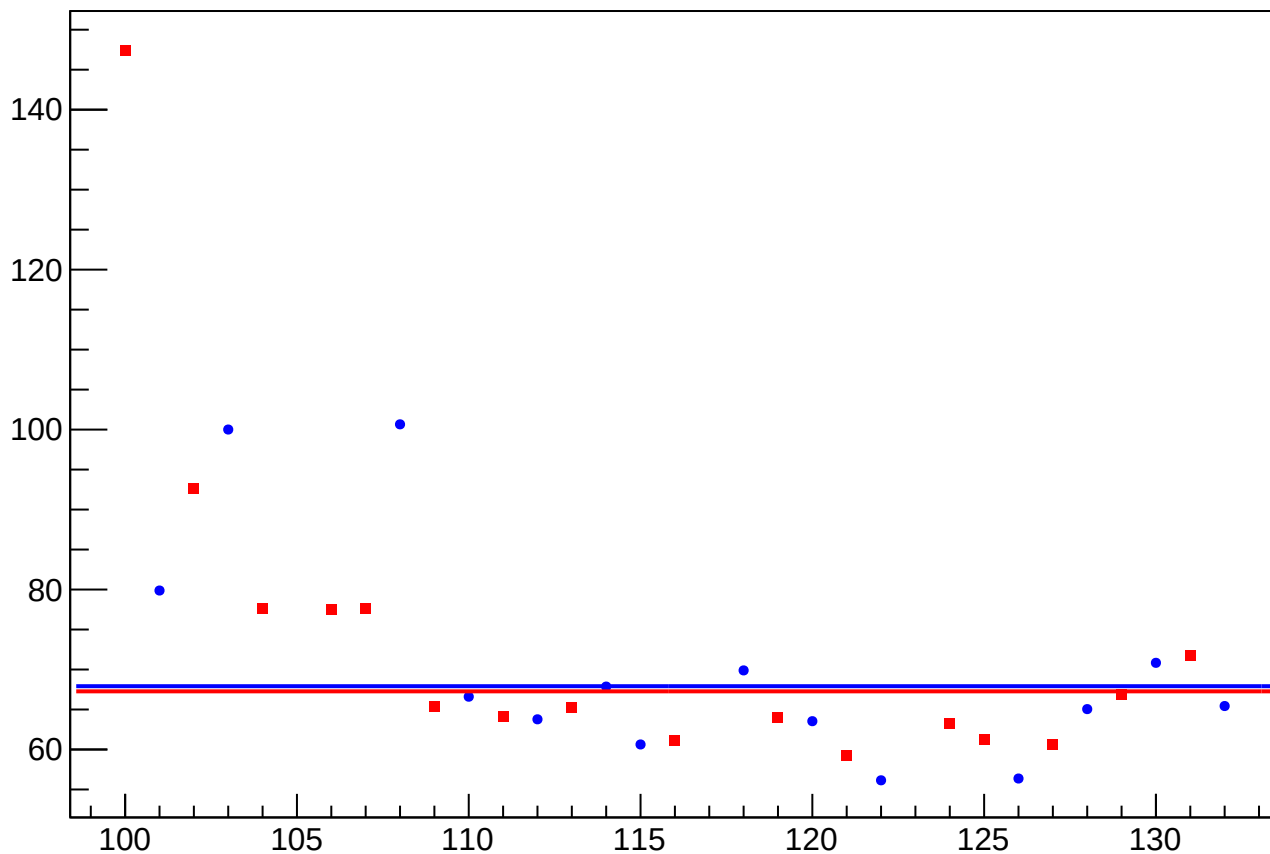
Right: 31.257+/-19.650 χ^2/NDF : 36.5/29

In: 47.054+/-28.405 χ^2/NDF : 13.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.257+/-19.650 χ^2/NDF : 36.5/29

eigen_dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 67.914+/-0.020 χ^2/NDF : 321266.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.271+/-0.019 χ^2/NDF : 225193.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

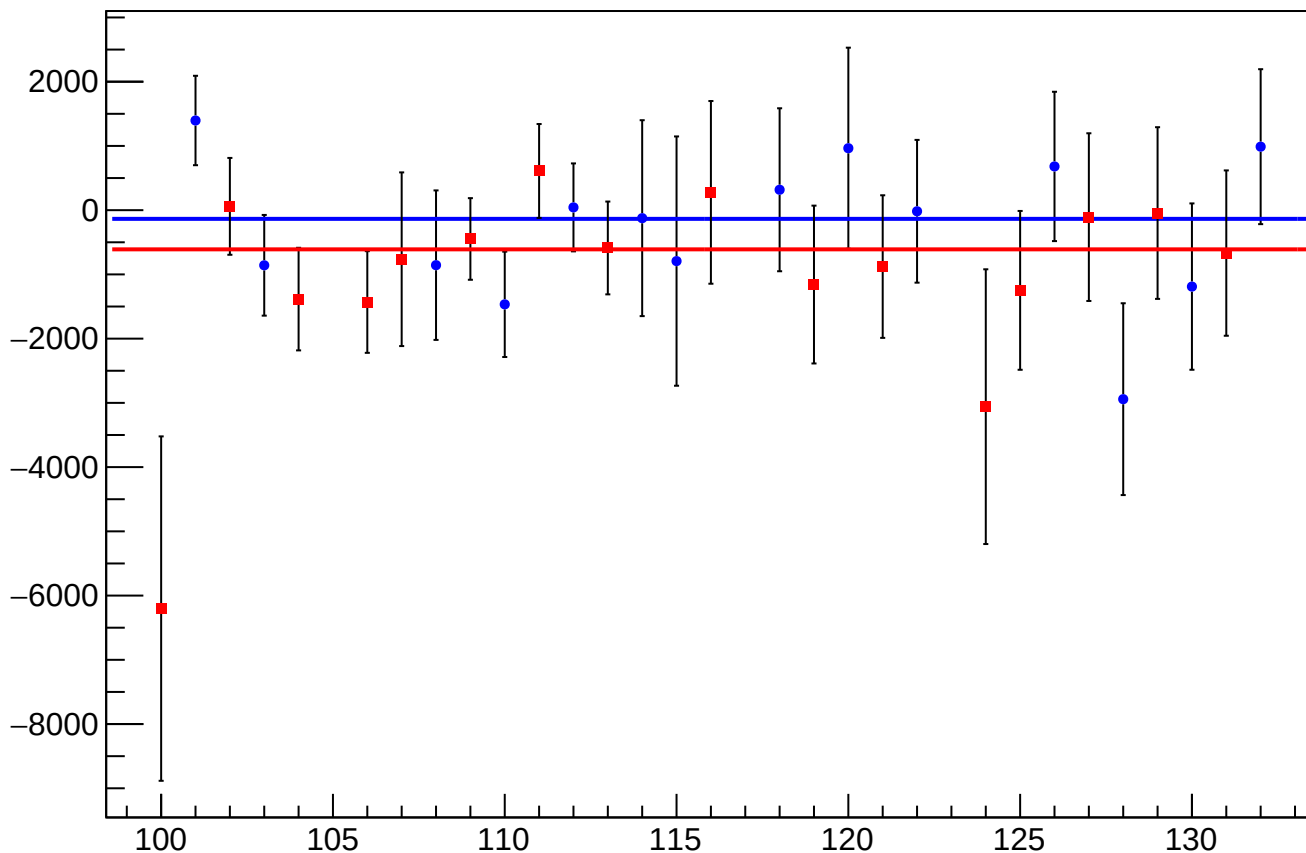
Right: 67.578+/-0.014 χ^2/NDF : 546993.8/29

In: 67.914+/-0.020 χ^2/NDF : 321266.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.578+/-0.014 χ^2/NDF : 546993.8/29

asym_sam_15_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -135.309 ± 276.728 χ^2/NDF : 15.1/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -610.025 ± 246.420 χ^2/NDF : 12.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

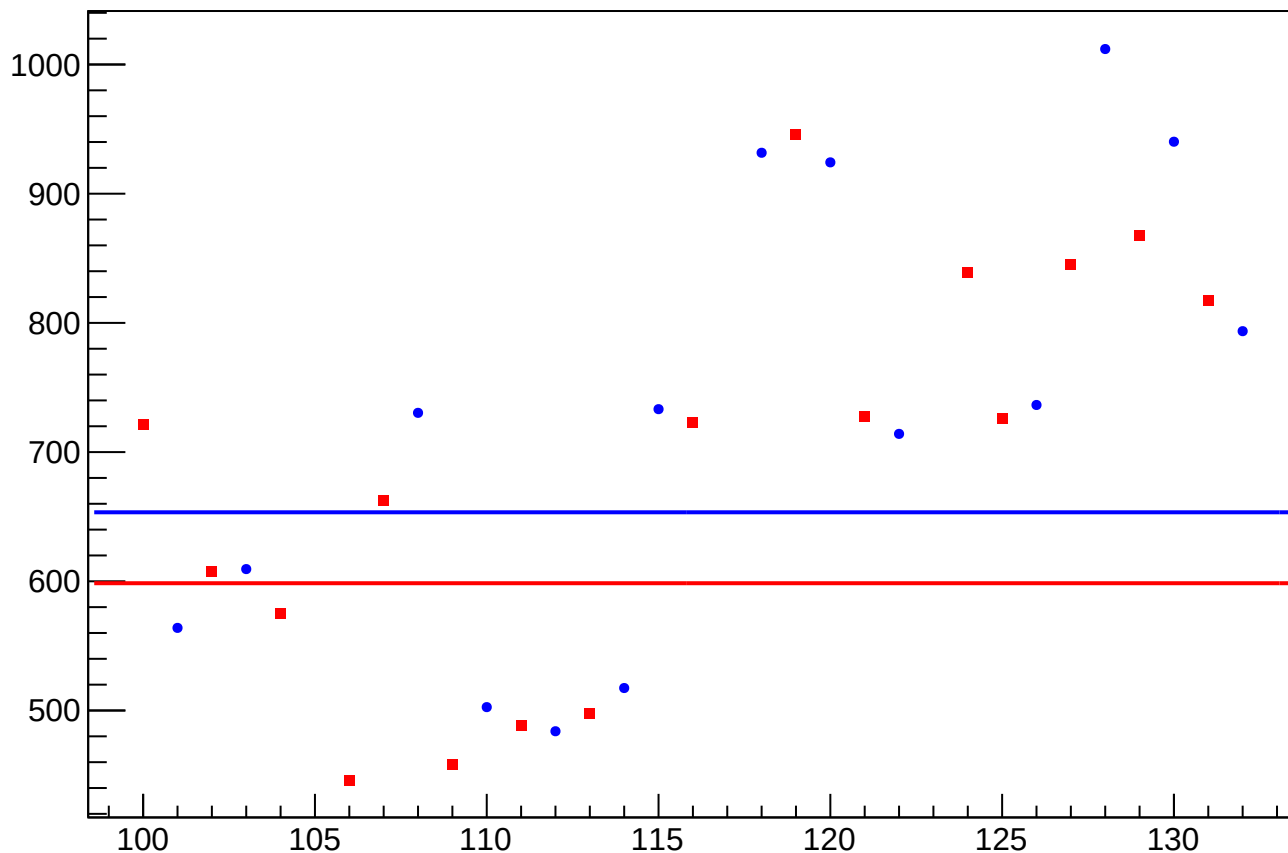
Right: -400.076 ± 184.031 χ^2/NDF : 29.3/29

In: -135.309 ± 276.728 χ^2/NDF : 15.1/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -400.076 ± 184.031 χ^2/NDF : 29.3/29

asym_sam_15_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 653.409+/-0.196 χ^2/NDF : 670389.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 598.515+/-0.174 χ^2/NDF : 726207.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

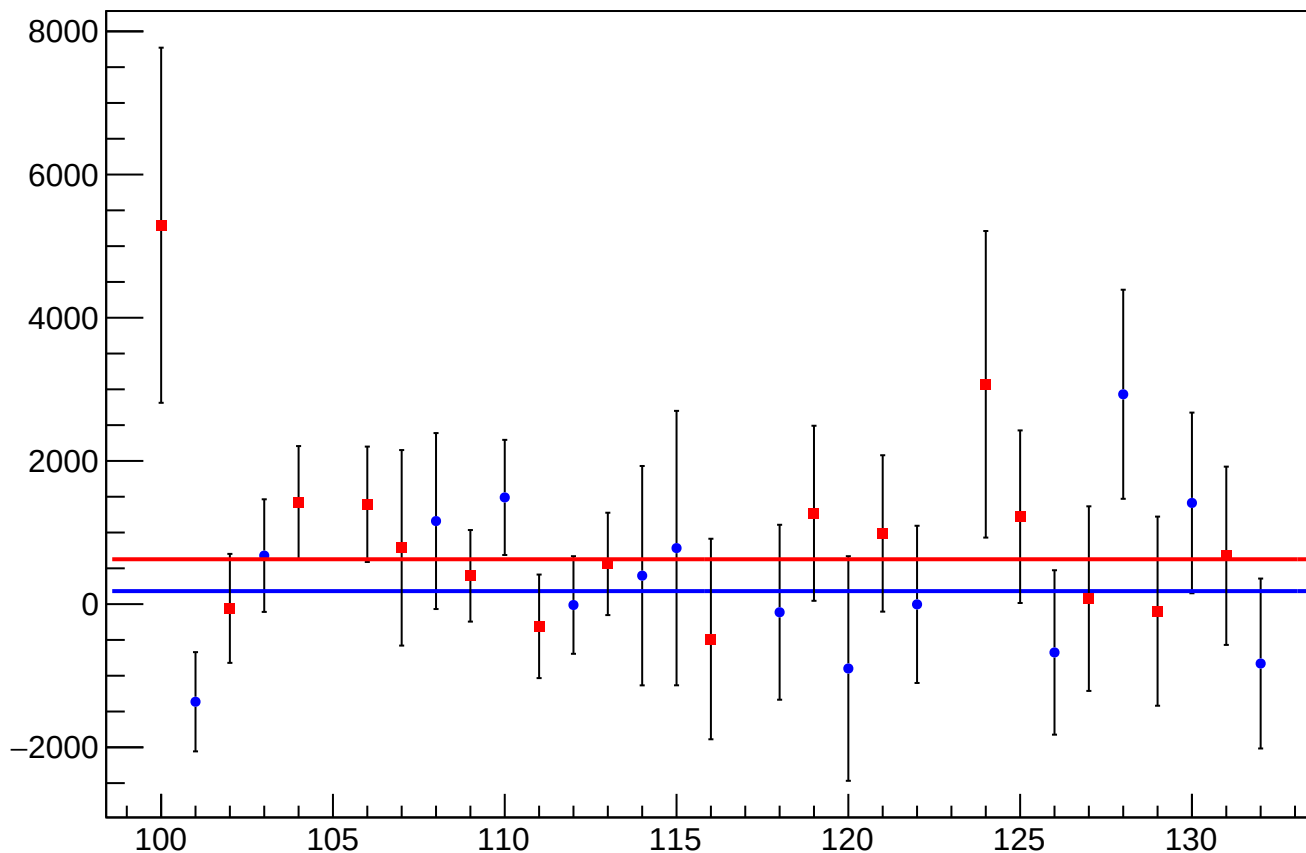
Right: 622.792+/-0.130 χ^2/NDF : 1440490.6/29

In: 653.409+/-0.196 χ^2/NDF : 670389.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 622.792+/-0.130 χ^2/NDF : 1440490.6/29

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 181.706+/-274.926 χ^2/NDF : 15.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 626.667+/-245.344 χ^2/NDF : 11.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

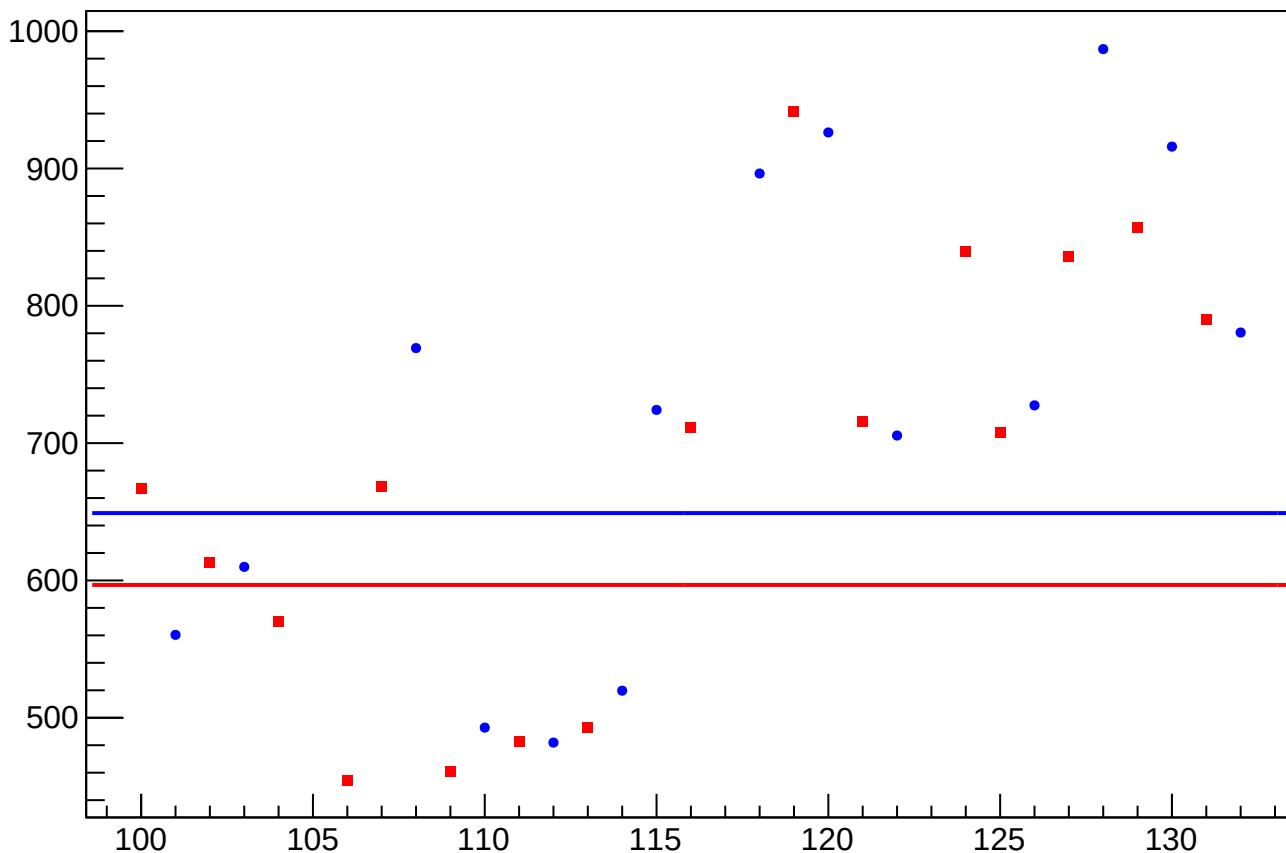
Right: 429.405+/-183.053 χ^2/NDF : 27.8/29

In: 181.706+/-274.926 χ^2/NDF : 15.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 429.405+/-183.053 χ^2/NDF : 27.8/29

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 649.045+/-0.194 χ^2/NDF : 650111.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 596.709+/-0.173 χ^2/NDF : 688862.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

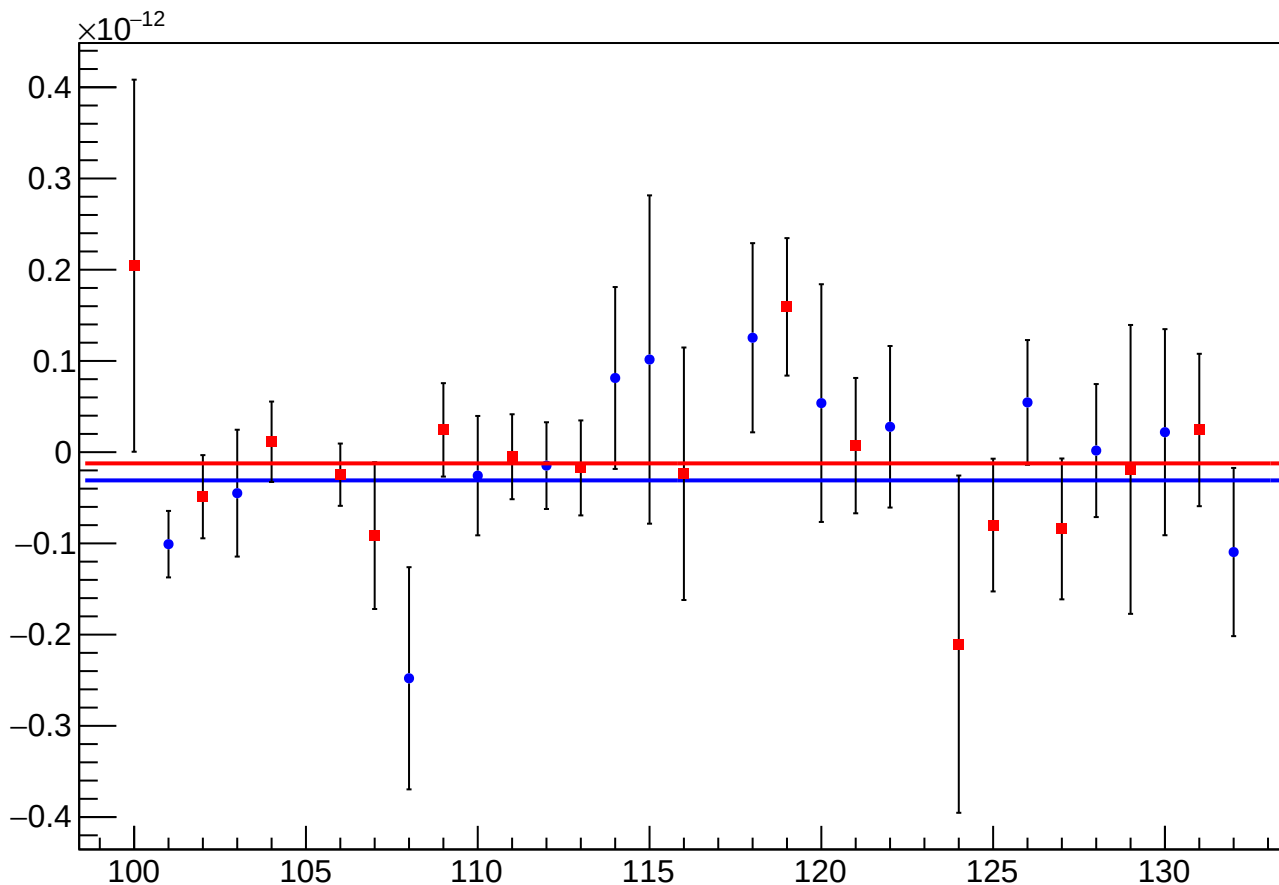
Right: 619.911+/-0.129 χ^2/NDF : 1379320.5/29

In: 649.045+/-0.194 χ^2/NDF : 650111.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 619.911+/-0.129 χ^2/NDF : 1379320.5/29

asym_sam_15_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 14.7/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 12.0/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

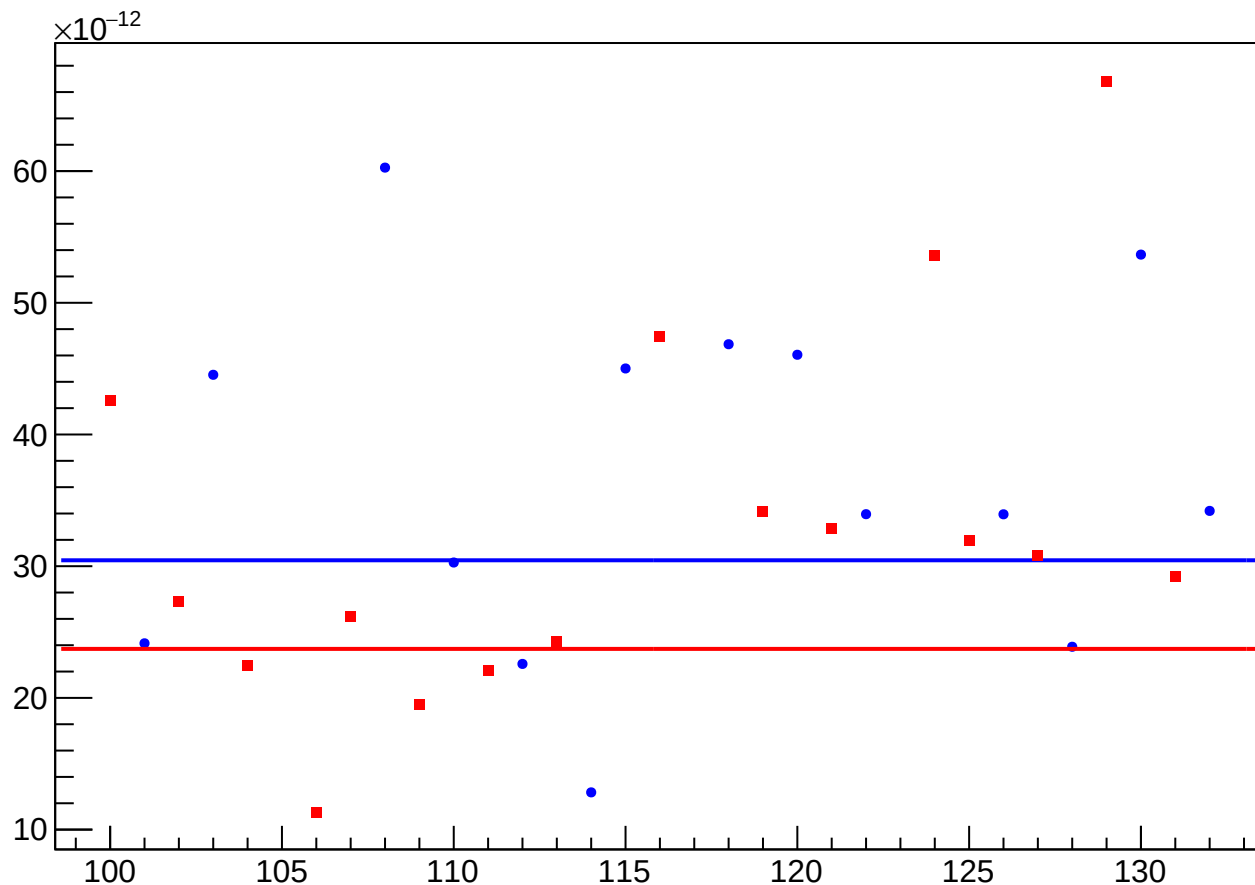
Right: -0.000+/-0.000 χ^2 /NDF: 27.3/29

In: -0.000+/-0.000 χ^2 /NDF:14.7/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 27.3/29

asym_sam_15_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 583269.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 693356.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

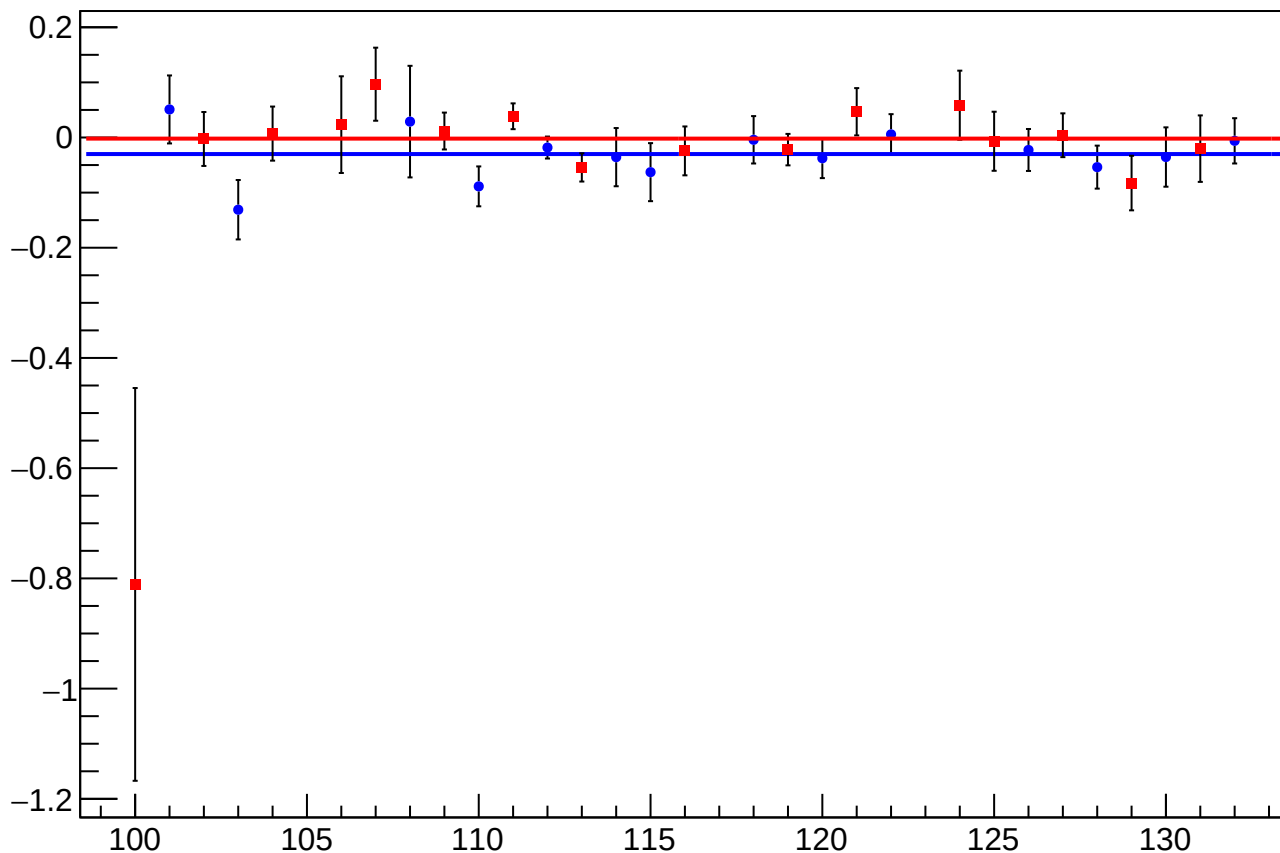
Right: 0.000+/-0.000 χ^2/NDF : 1426155.3/29

In: 0.000+/-0.000 χ^2/NDF : 583269.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1426155.3/29

asym_sam_15_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030 $\pm$ 0.011 χ^2/NDF : 11.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.002 $\pm$ 0.010 χ^2/NDF : 20.6/15

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

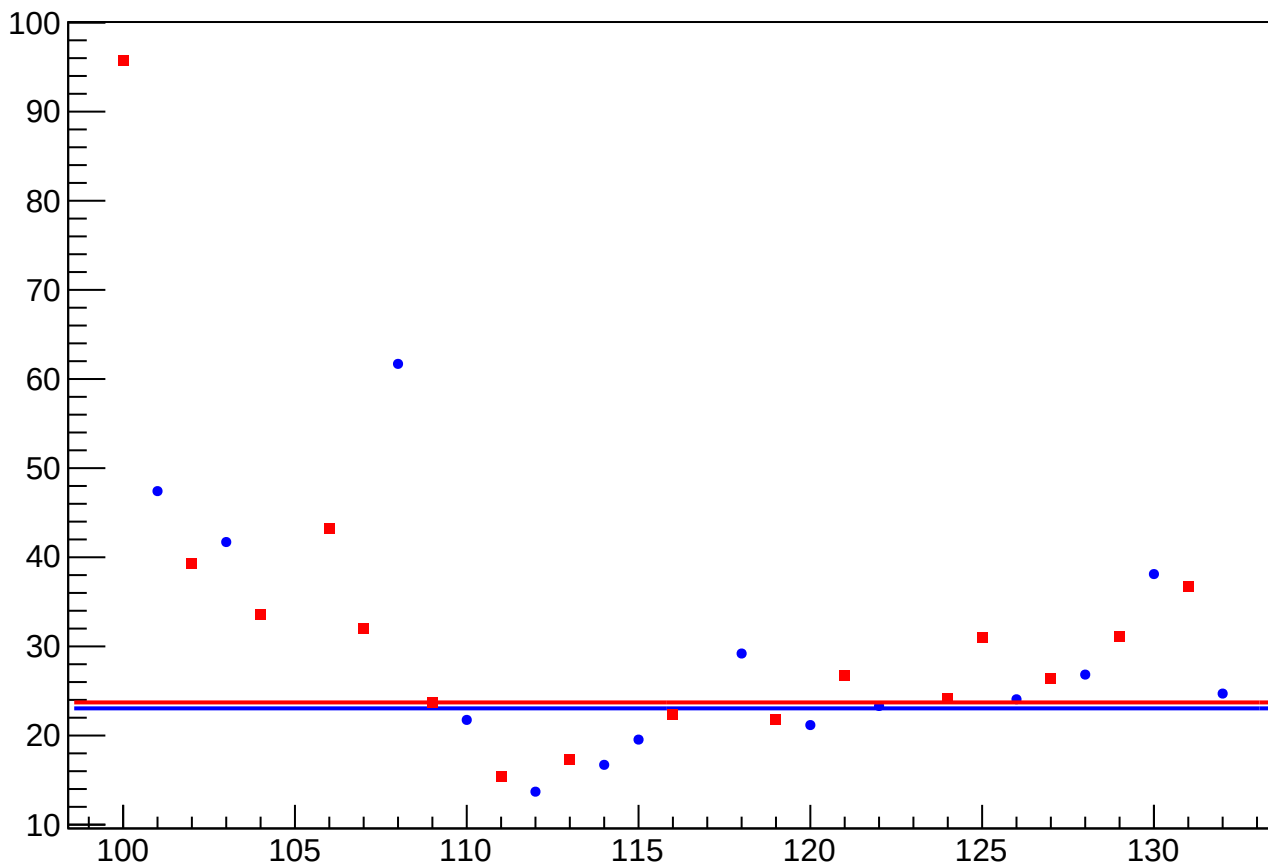
Right: -0.016 $\pm$ 0.007 χ^2/NDF : 35.3/29

In: -0.030 $\pm$ 0.011 χ^2/NDF : 11.1/13

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.016 $\pm$ 0.007 χ^2/NDF : 35.3/29

asym_sam_15_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.048+/-0.007 χ^2/NDF : 1550491.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.715+/-0.007 χ^2/NDF : 1077972.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

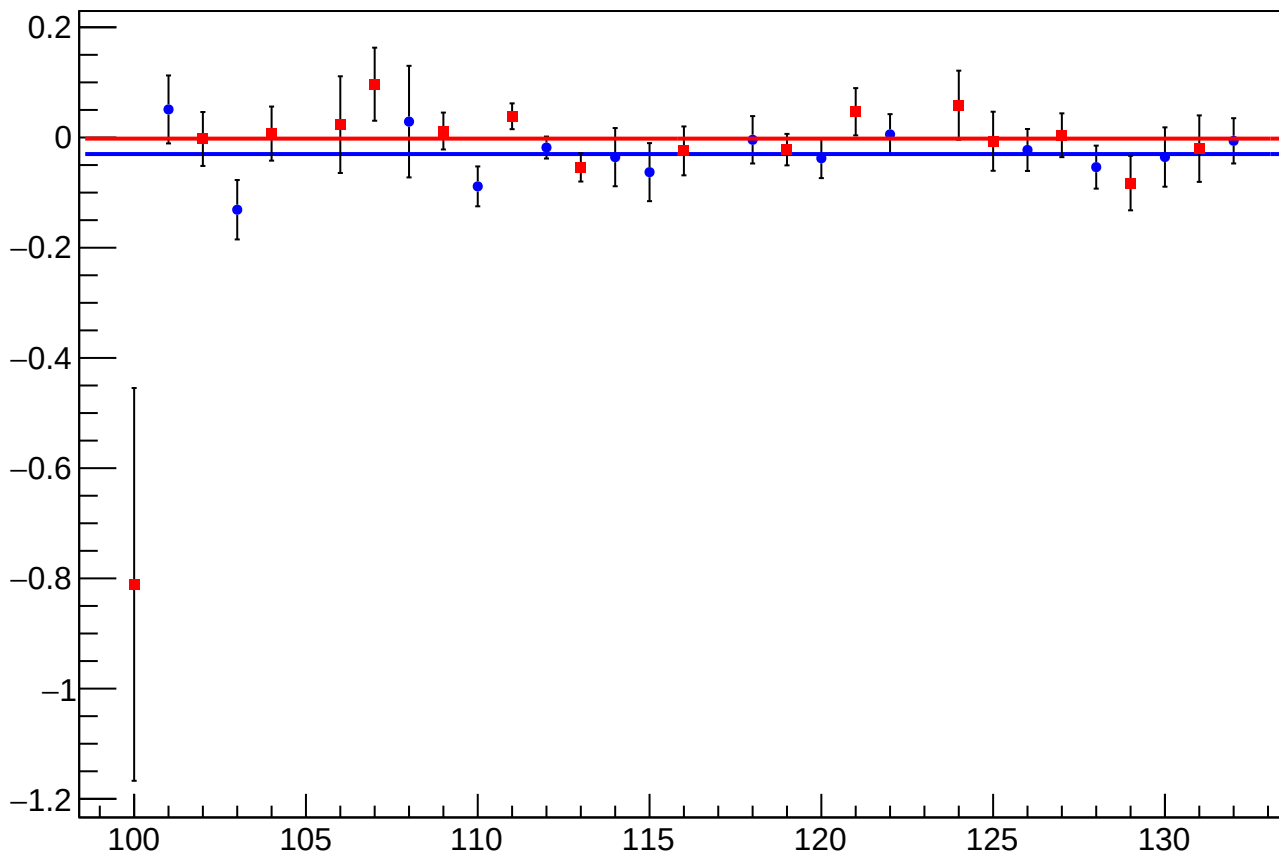
Right: 23.392+/-0.005 χ^2/NDF : 2632616.5/29

In: 23.048+/-0.007 χ^2/NDF : 1550491.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.392+/-0.005 χ^2/NDF : 2632616.5/29

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030 ± 0.011 χ^2/NDF : 11.1/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.002 ± 0.010 χ^2/NDF : 20.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

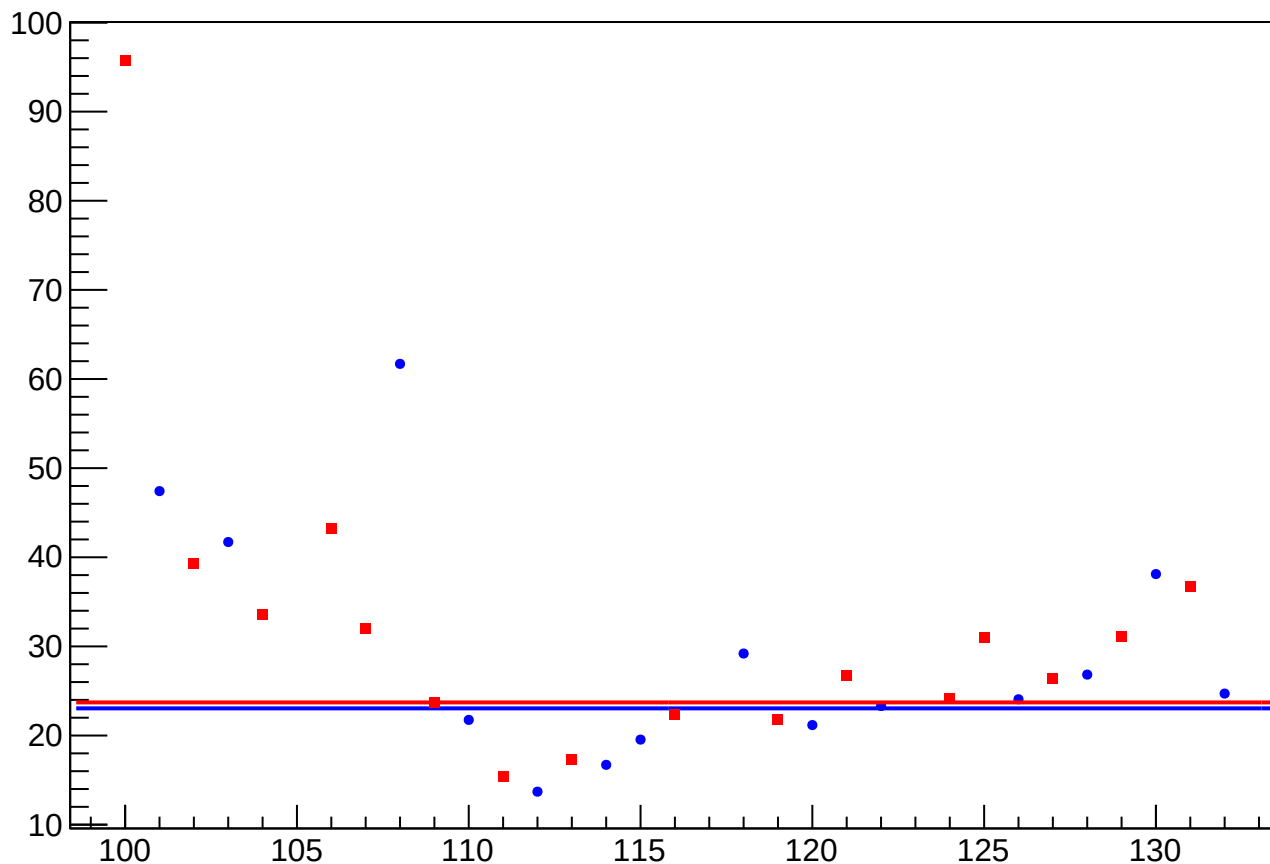
Right: -0.016 ± 0.007 χ^2/NDF : 35.3/29

In: -0.030 ± 0.011 χ^2/NDF : 11.1/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.016 ± 0.007 χ^2/NDF : 35.3/29

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.048+/-0.007 χ^2/NDF : 1550491.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.715+/-0.007 χ^2/NDF : 1077972.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

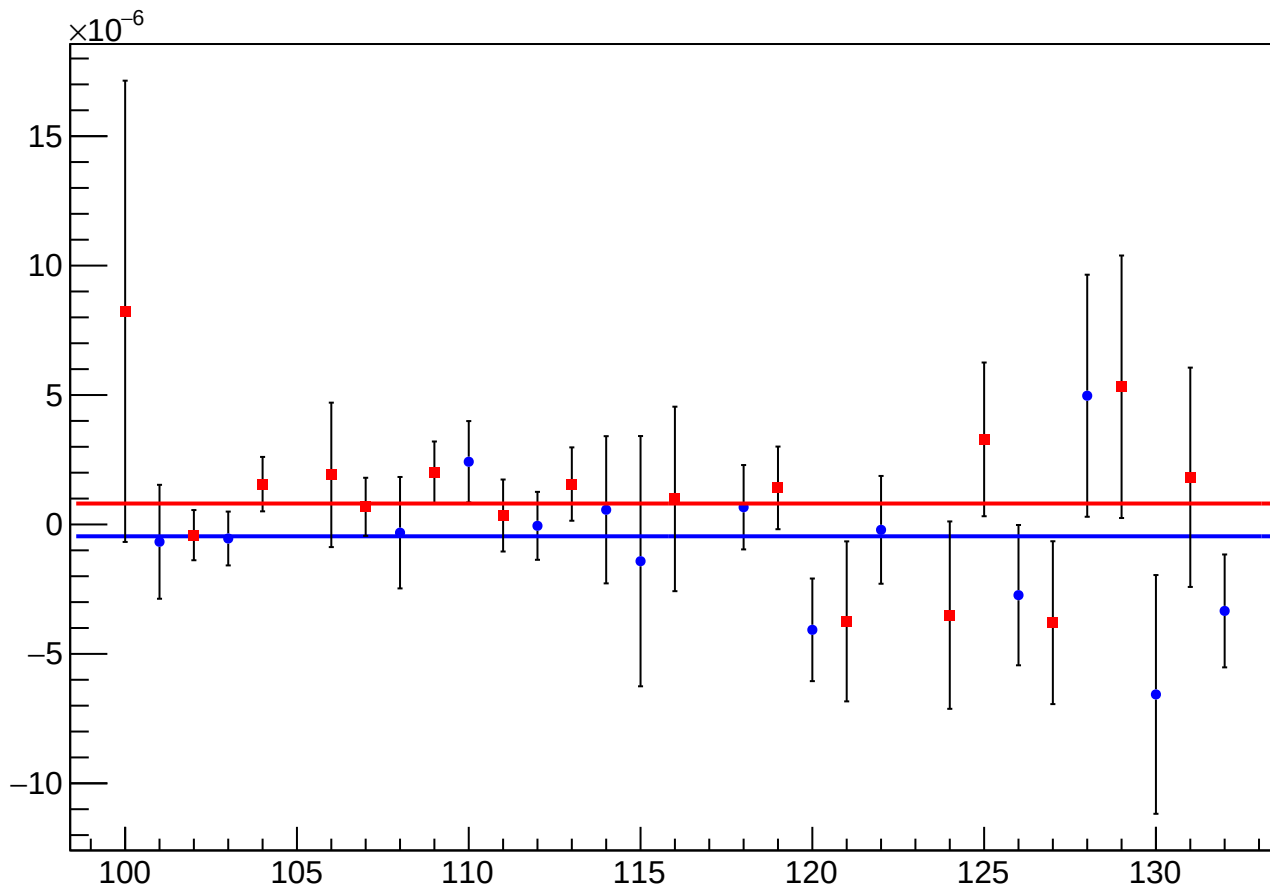
Right: 23.392+/-0.005 χ^2/NDF : 2632616.5/29

In: 23.048+/-0.007 χ^2/NDF : 1550491.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.392+/-0.005 χ^2/NDF : 2632616.5/29

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

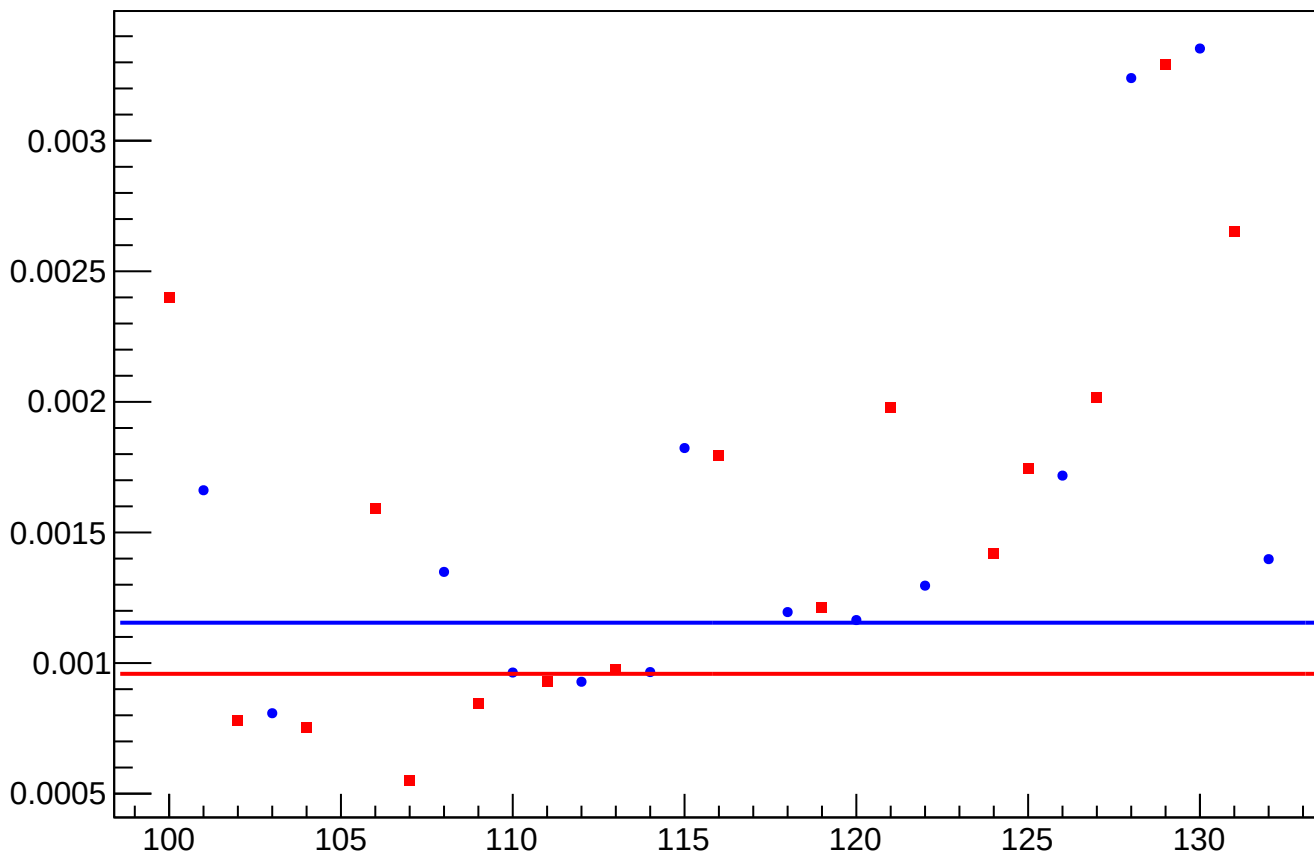
Right: 0.000+/-0.000 χ^2/NDF : 28.4/29

In: -0.000+/-0.000 χ^2/NDF : 13.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.4/29

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1454955.6/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2103564.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

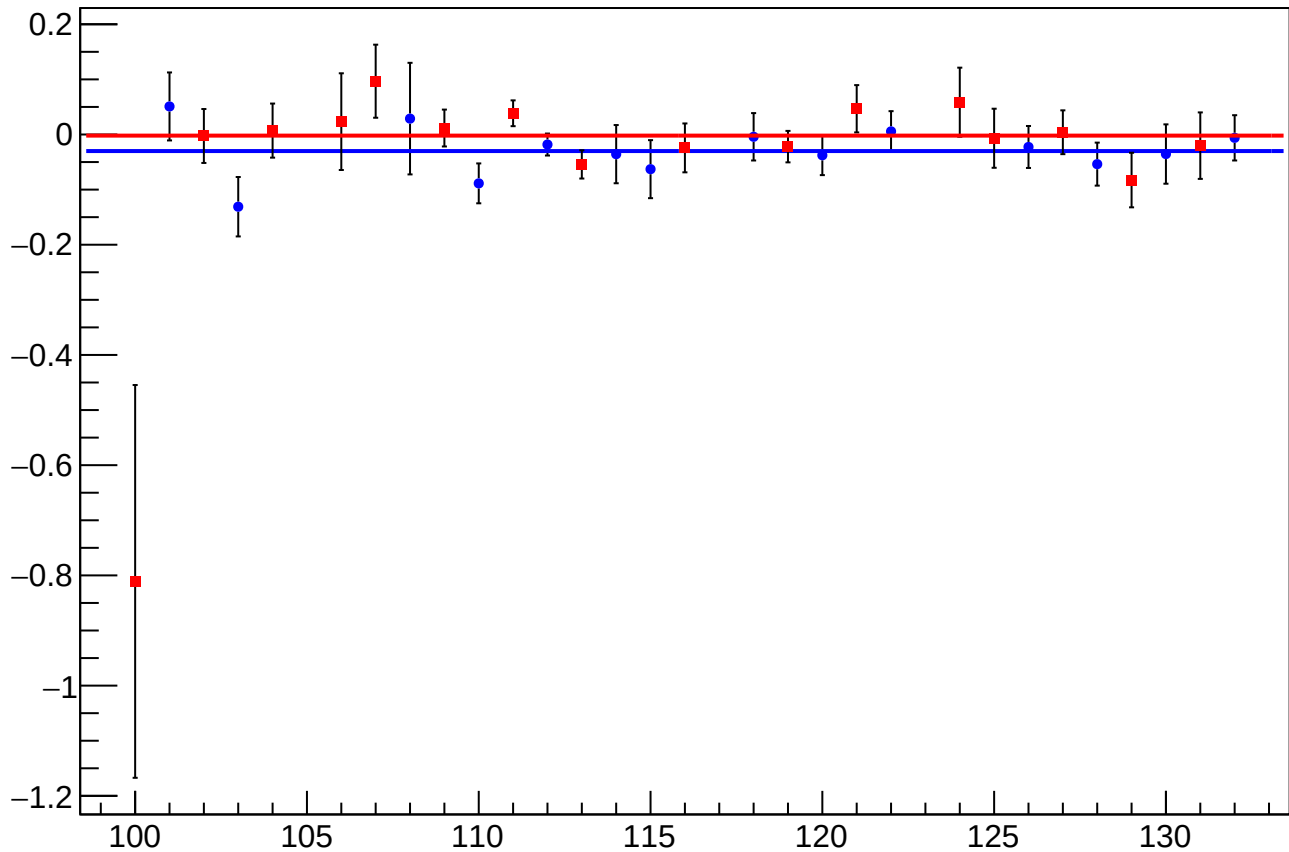
Right: 0.001+/-0.000 χ^2/NDF : 3731886.2/29

In: 0.001+/-0.000 χ^2/NDF :1454955.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3731886.2/29

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030 ± 0.011 χ^2/NDF : 11.1/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.002 ± 0.010 χ^2/NDF : 20.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

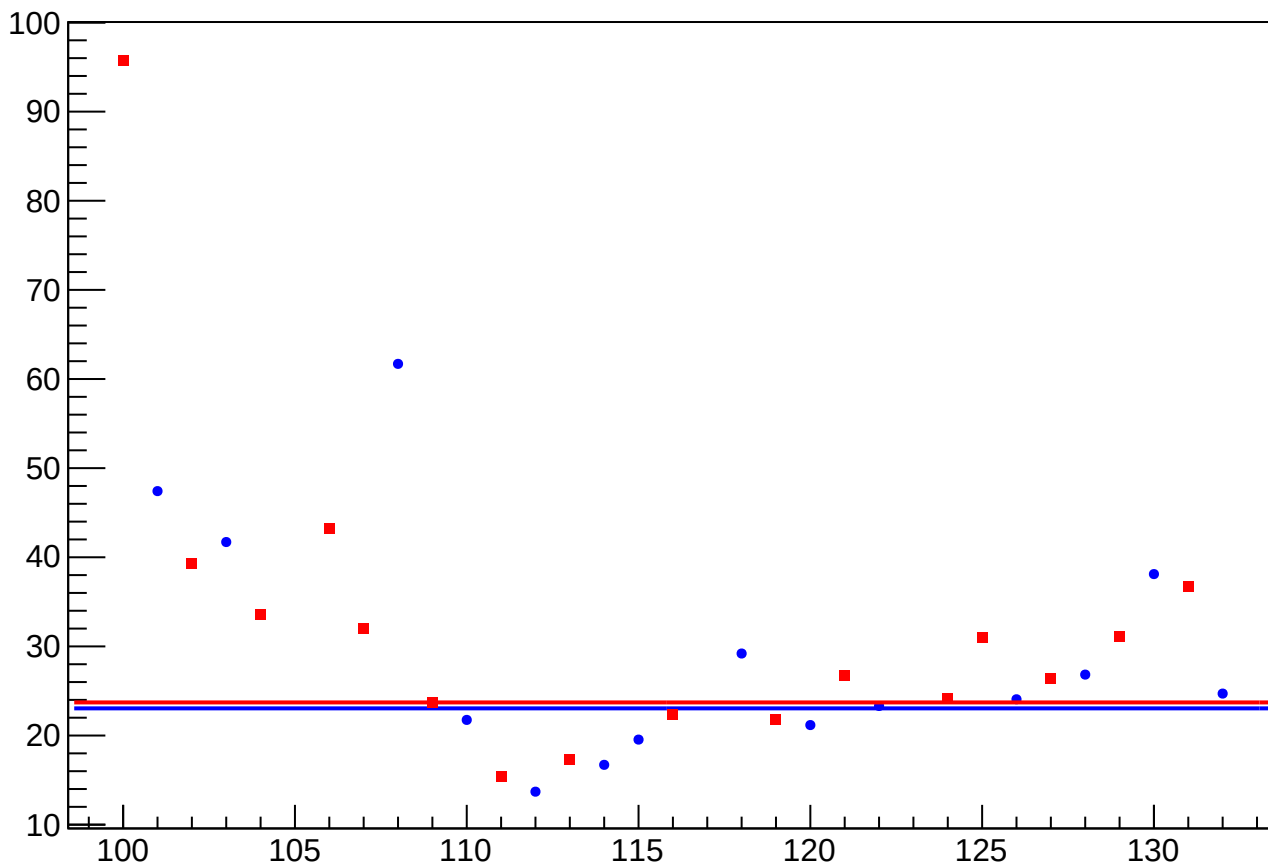
Right: -0.016 ± 0.007 χ^2/NDF : 35.3/29

In: -0.030 ± 0.011 χ^2/NDF : 11.1/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.016 ± 0.007 χ^2/NDF : 35.3/29

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.048+/-0.007 χ^2/NDF : 1550505.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.715+/-0.007 χ^2/NDF : 1078004.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

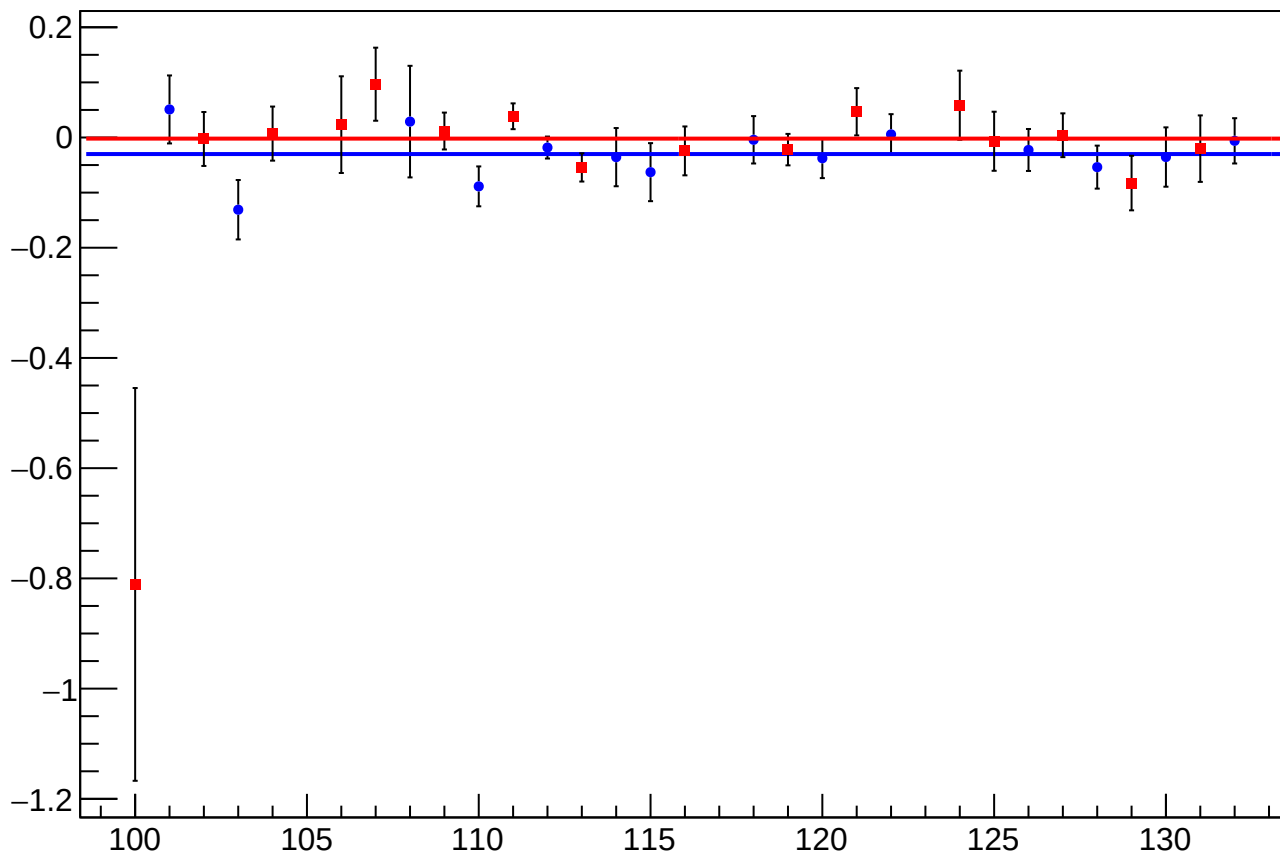
Right: 23.392+/-0.005 χ^2/NDF : 2632663.2/29

In: 23.048+/-0.007 χ^2/NDF : 1550505.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.392+/-0.005 χ^2/NDF : 2632663.2/29

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030+/-0.011 χ^2 /NDF: 11.1/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.002+/-0.010 χ^2 /NDF: 20.6/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

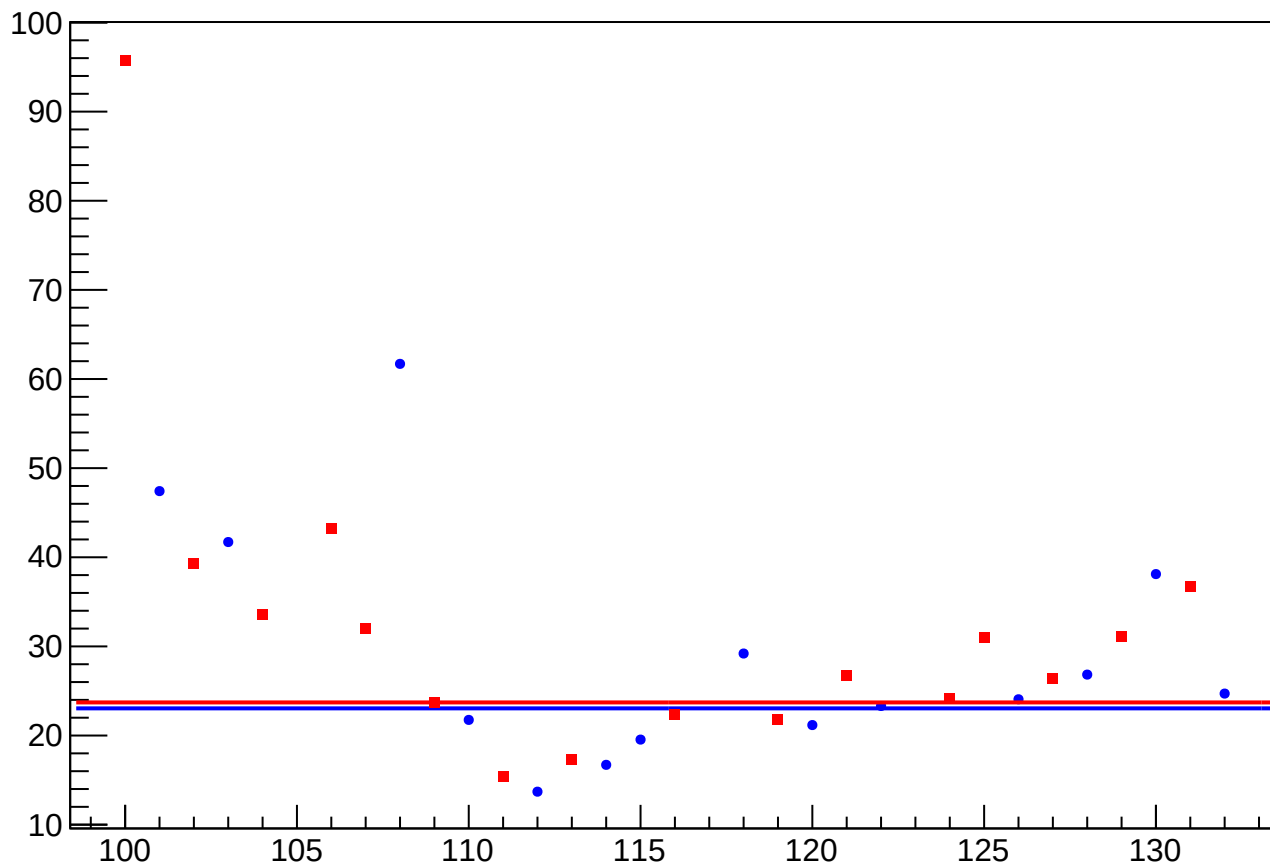
Right: -0.016+/-0.007 χ^2 /NDF: 35.3/29

In: -0.030+/-0.011 χ^2 /NDF:11.1/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.016+/-0.007 χ^2 /NDF: 35.3/29

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.048+/-0.007 χ^2/NDF : 1550505.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.715+/-0.007 χ^2/NDF : 1078004.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

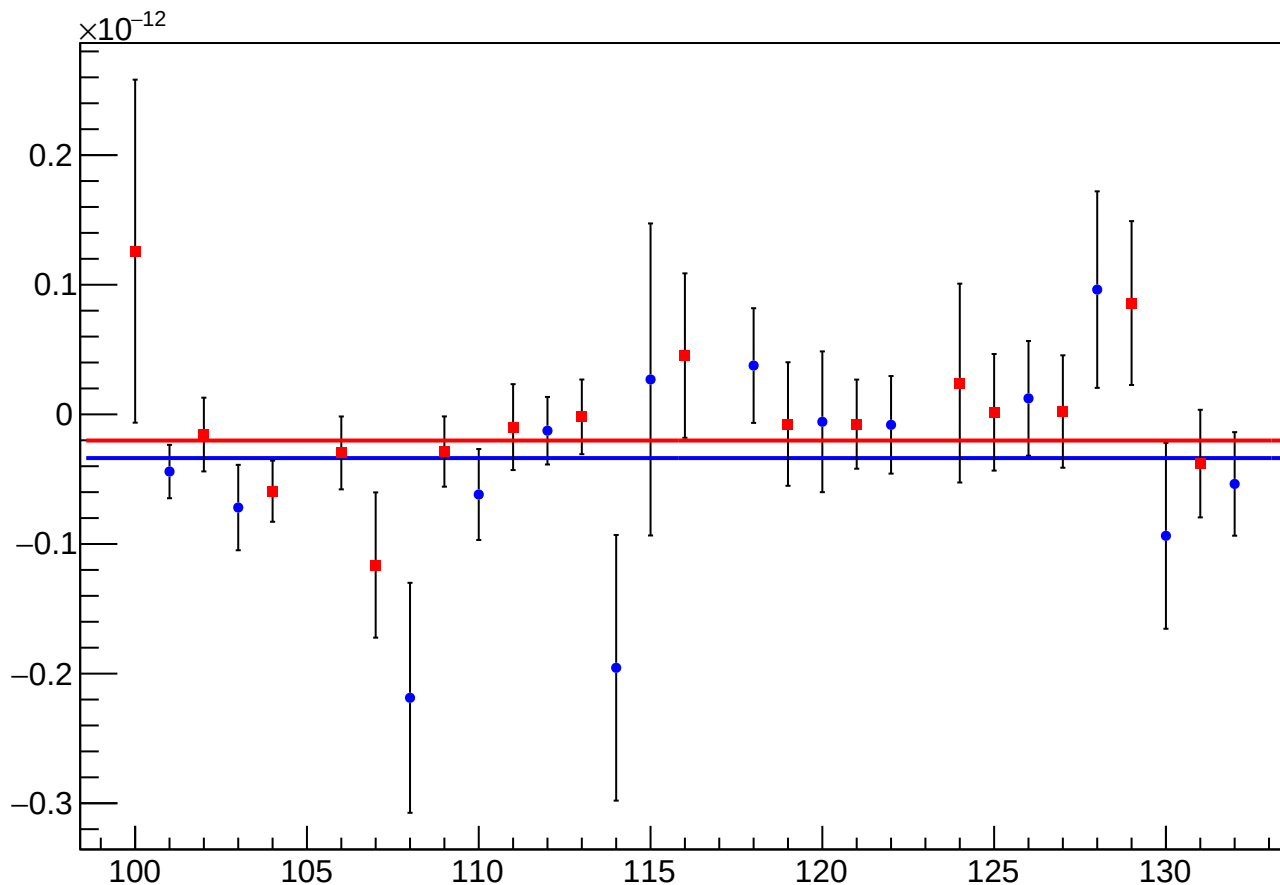
Right: 23.392+/-0.005 χ^2/NDF : 2632663.2/29

In: 23.048+/-0.007 χ^2/NDF : 1550505.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.392+/-0.005 χ^2/NDF : 2632663.2/29

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 18.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

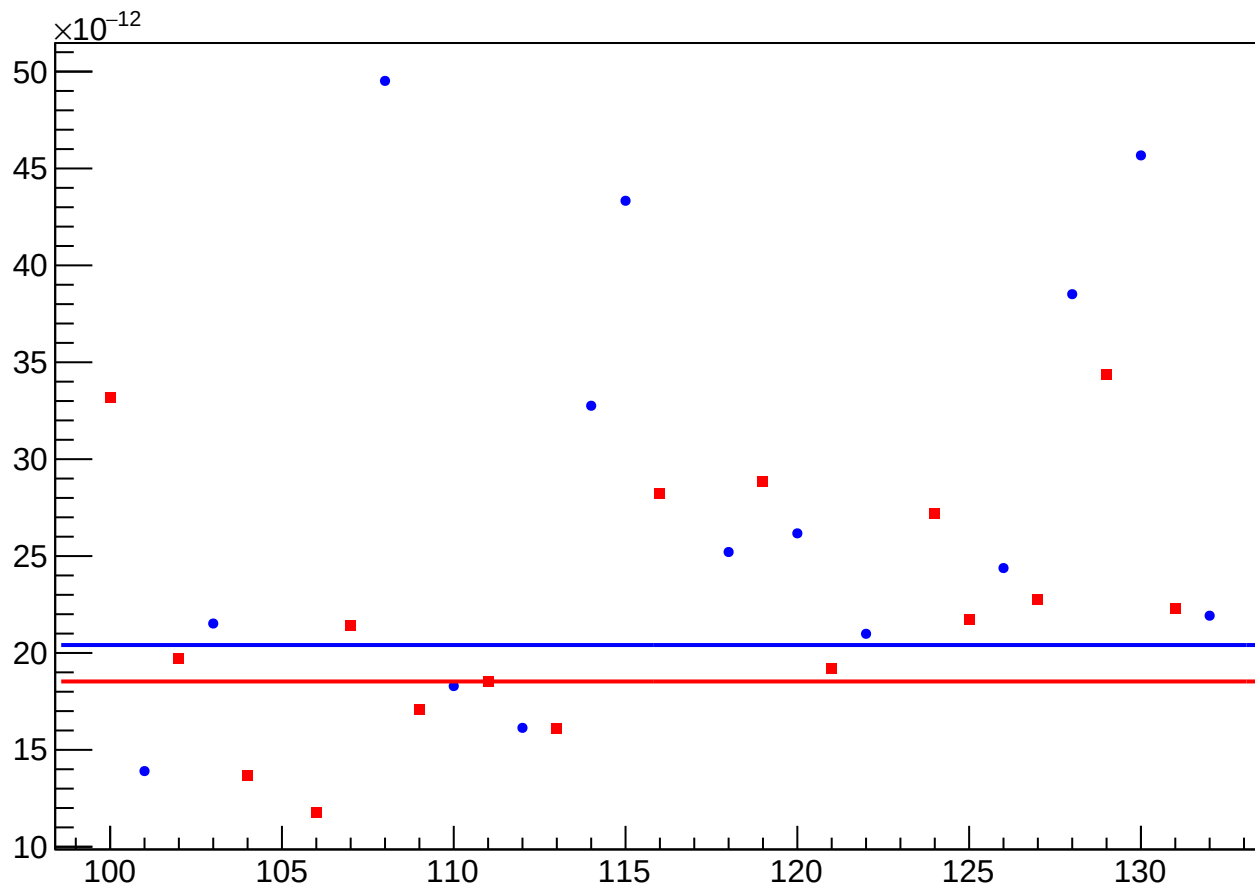
Right: -0.000+/-0.000 χ^2/NDF : 32.0/29

In: -0.000+/-0.000 χ^2/NDF : 18.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.0/29

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1007422.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 590410.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

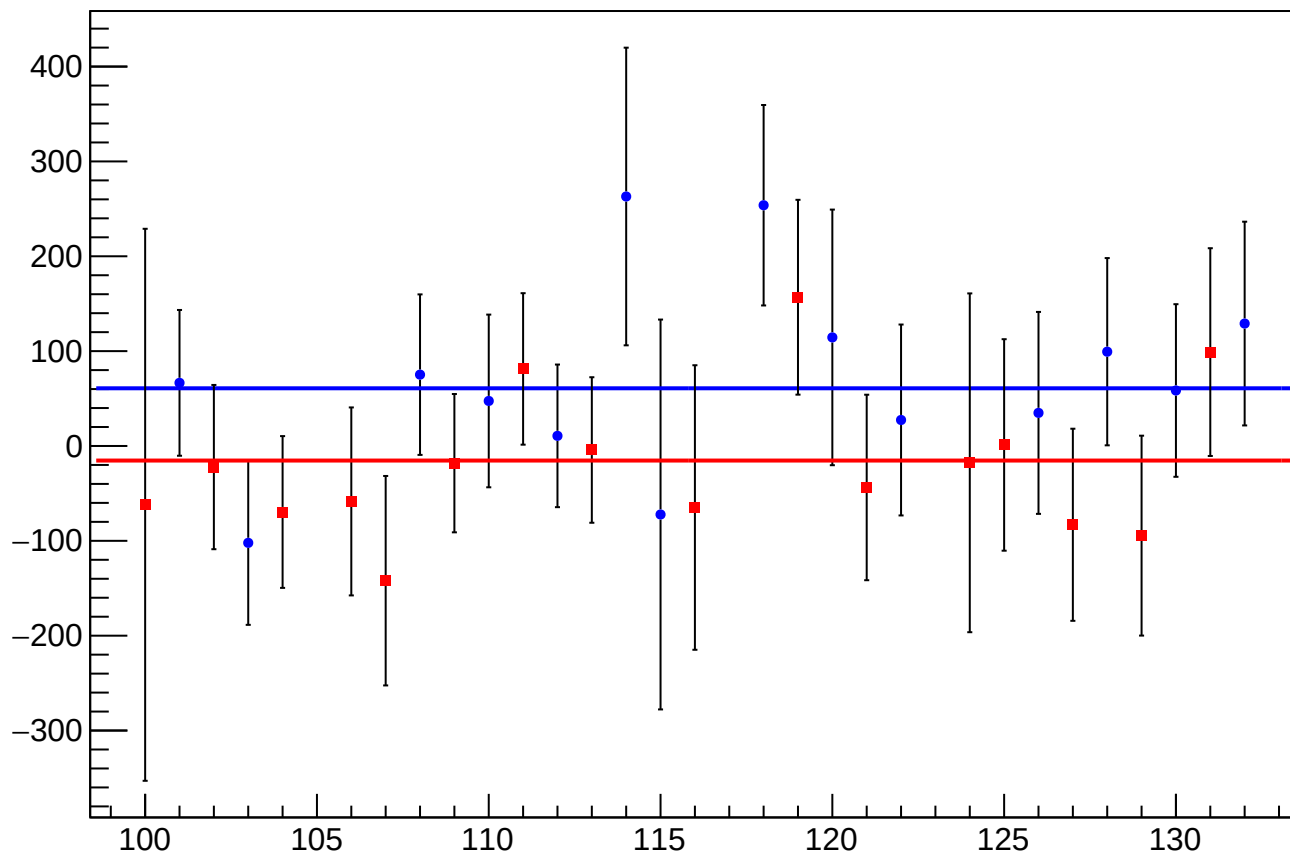
Right: 0.000+/-0.000 χ^2/NDF : 1633608.3/29

In: 0.000+/-0.000 χ^2/NDF : 1007422.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1633608.3/29

reg_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 60.818 $\pm$ 26.294 χ^2 /NDF: 10.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -15.358 $\pm$ 24.794 χ^2 /NDF: 8.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

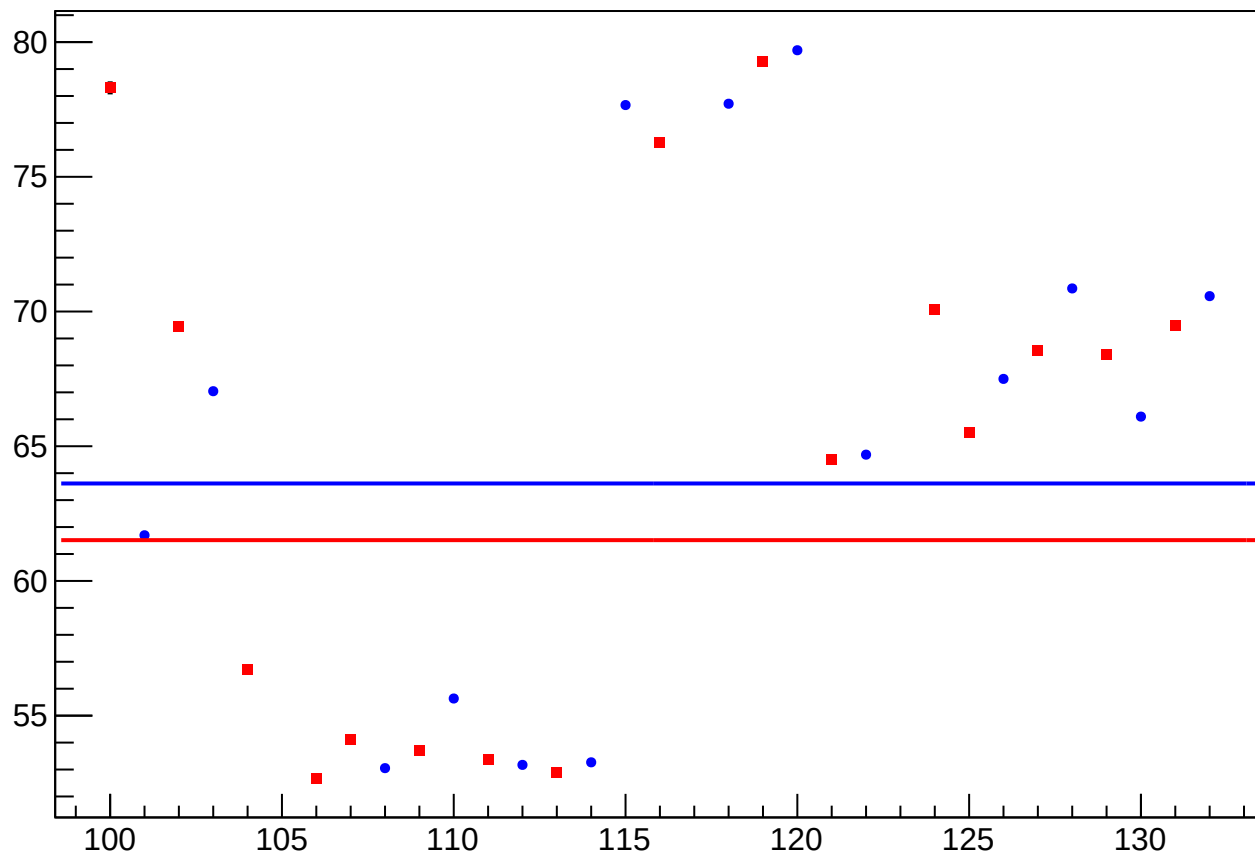
Right: 20.495 $\pm$ 18.039 χ^2 /NDF: 23.4/29

In: 60.818 $\pm$ 26.294 χ^2 /NDF:10.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 20.495 $\pm$ 18.039 χ^2 /NDF: 23.4/29

reg_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 63.618 ± 0.019 $\chi^2/\text{NDF}: 195176.0/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 61.514 ± 0.018 $\chi^2/\text{NDF}: 241721.8/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

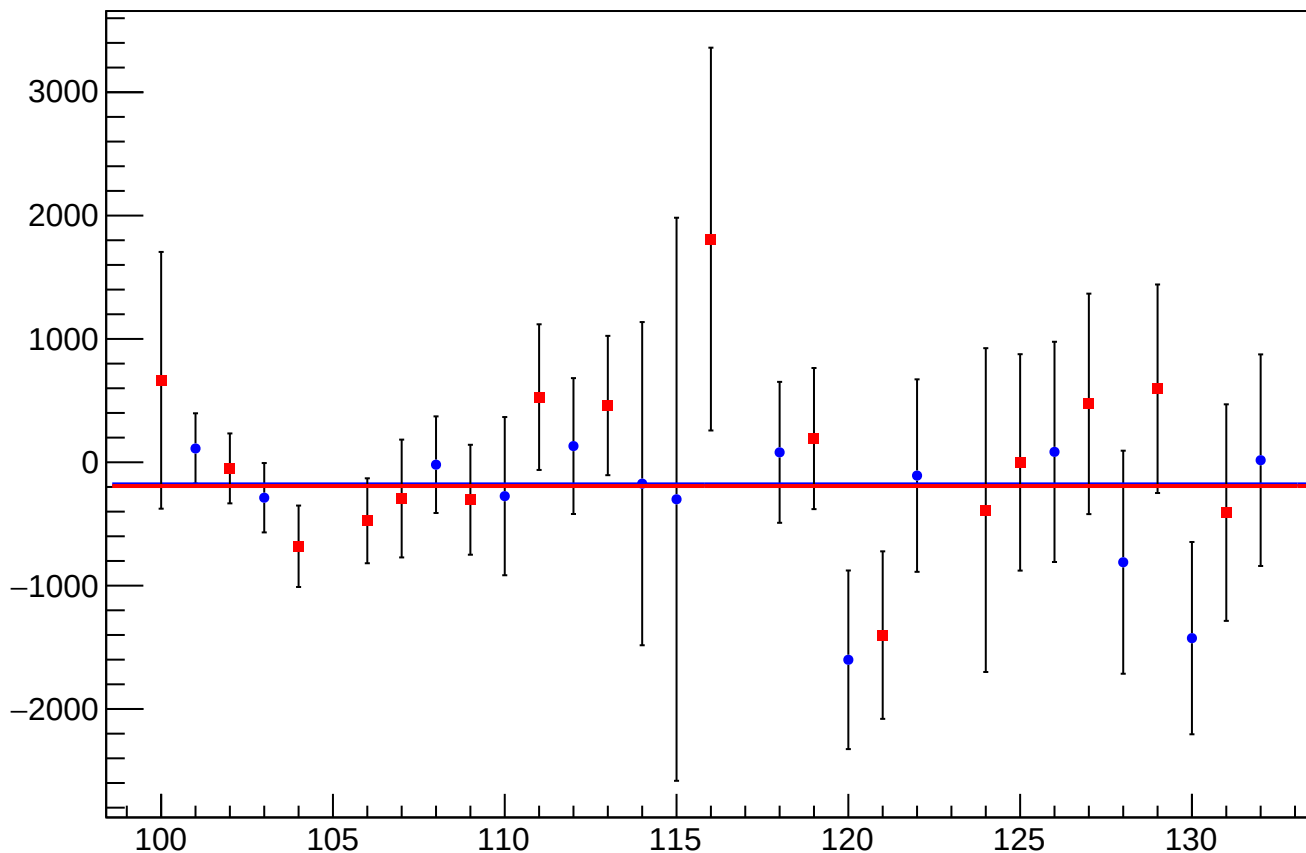
Right: 62.504 ± 0.013 $\chi^2/\text{NDF}: 443672.2/29$

In: 63.618 ± 0.019 $\chi^2/\text{NDF}: 195176.0/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 62.504 ± 0.013 $\chi^2/\text{NDF}: 443672.2/29$

asym_sam_37_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -179.246+/-141.346 χ^2/NDF : 9.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -192.479+/-131.444 χ^2/NDF : 13.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

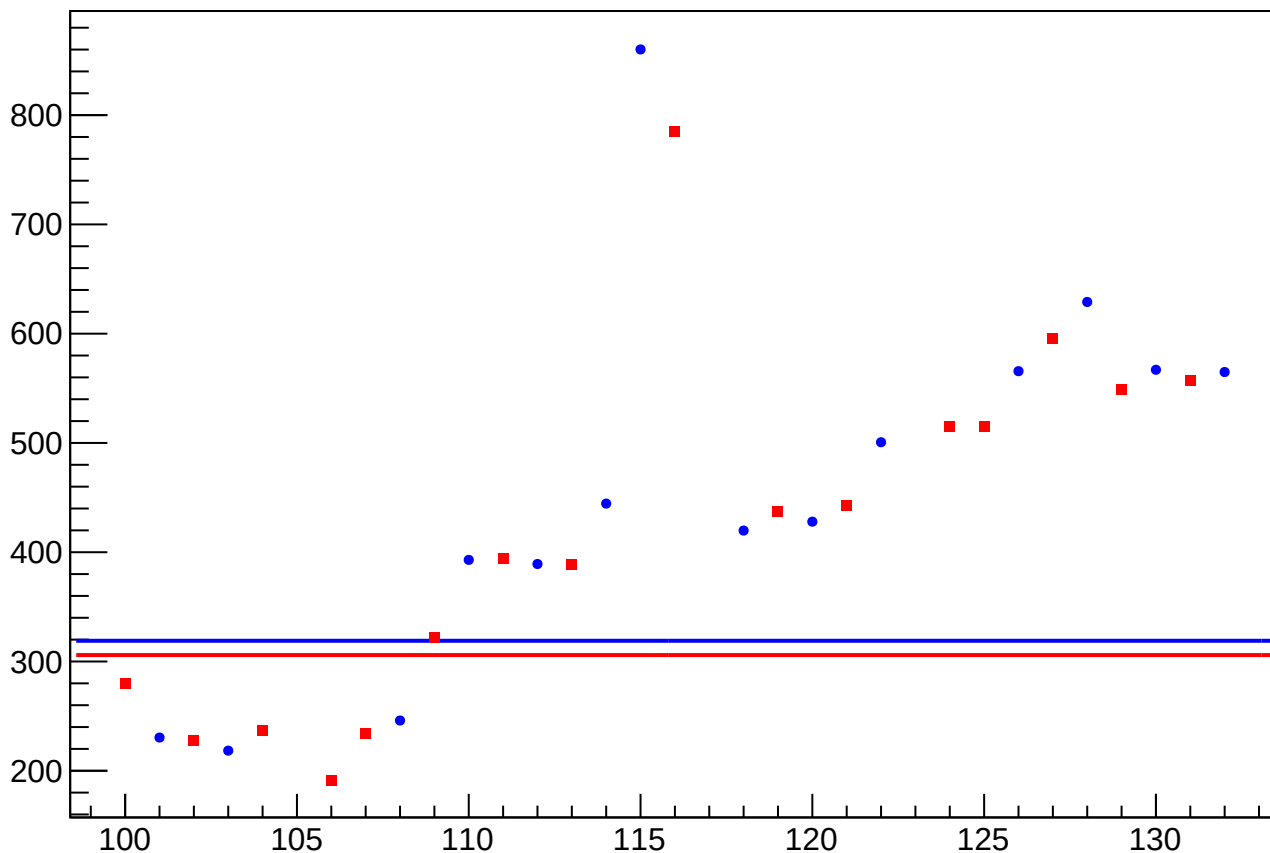
Right: -186.342+/-96.255 χ^2/NDF : 22.5/29

In: -179.246+/-141.346 χ^2/NDF : 9.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -186.342+/-96.255 χ^2/NDF : 22.5/29

asym_sam_37_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 318.955+/-0.100 χ^2/NDF : 1678858.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 305.887+/-0.093 χ^2/NDF : 1681376.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

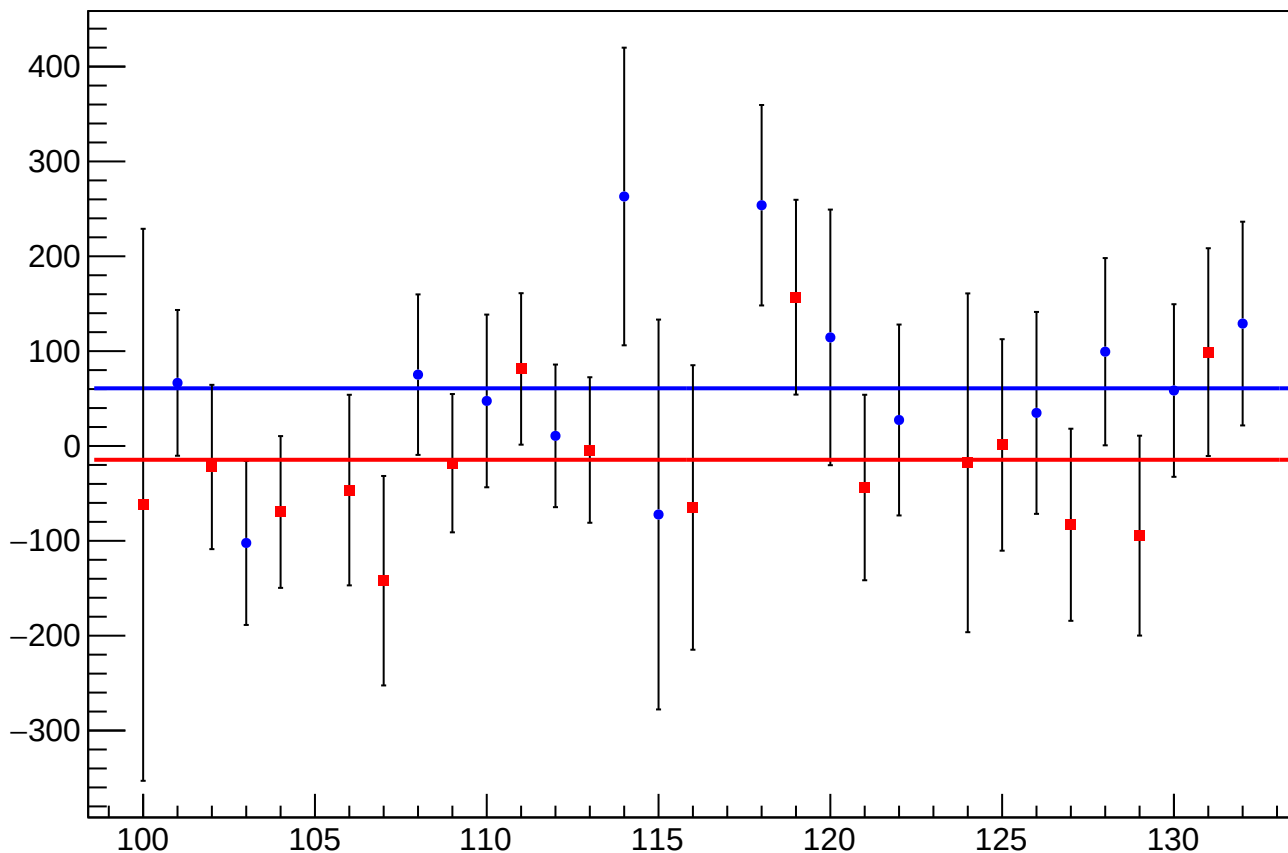
Right: 311.947+/-0.068 χ^2/NDF : 3369401.7/29

In: 318.955+/-0.100 χ^2/NDF : 1678858.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 311.947+/-0.068 χ^2/NDF : 3369401.7/29

cor_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 60.813 $\pm$ 26.294 χ^2 /NDF: 10.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -14.545 $\pm$ 24.816 χ^2 /NDF: 8.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

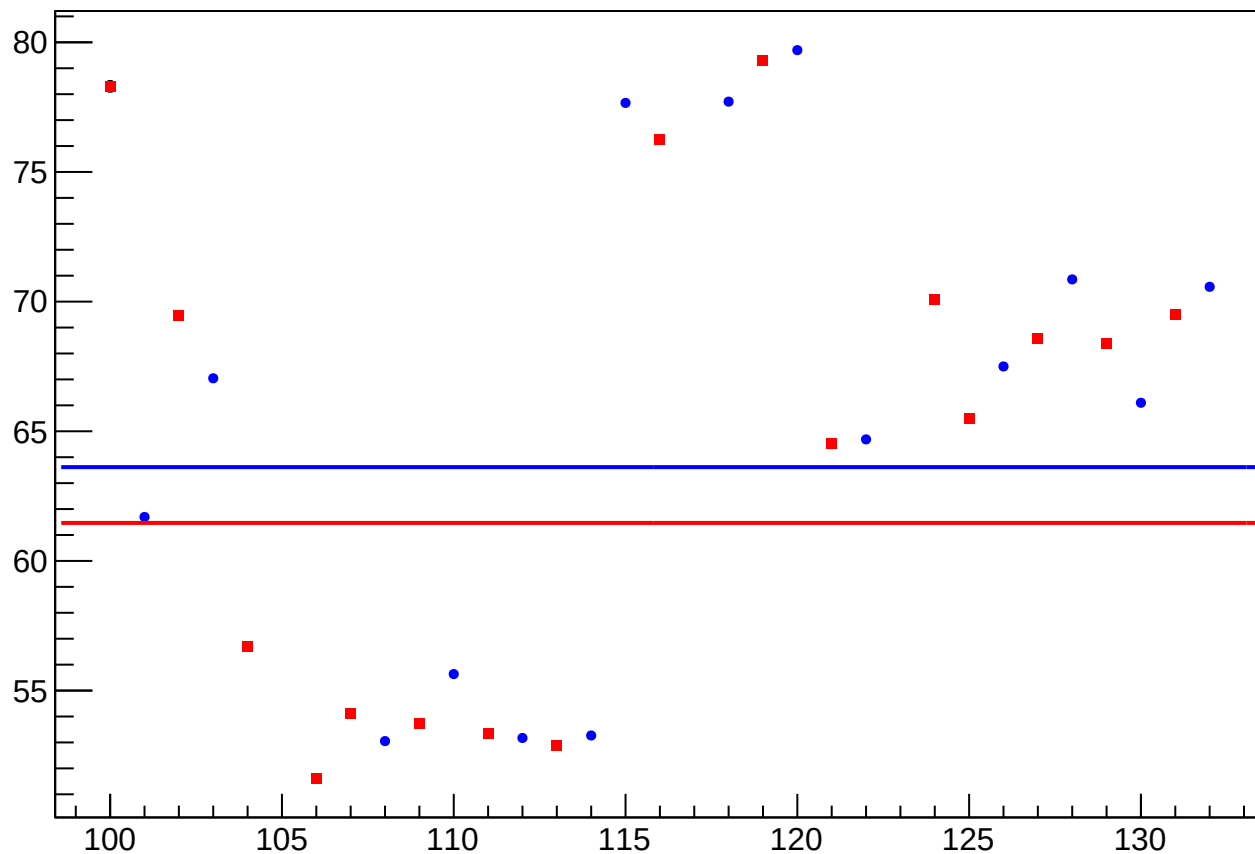
Right: 20.956 $\pm$ 18.047 χ^2 /NDF: 23.2/29

In: 60.813 $\pm$ 26.294 χ^2 /NDF:10.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 20.956 $\pm$ 18.047 χ^2 /NDF: 23.2/29

cor_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 63.618+/-0.019 χ^2/NDF : 195176.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.466+/-0.018 χ^2/NDF : 245290.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

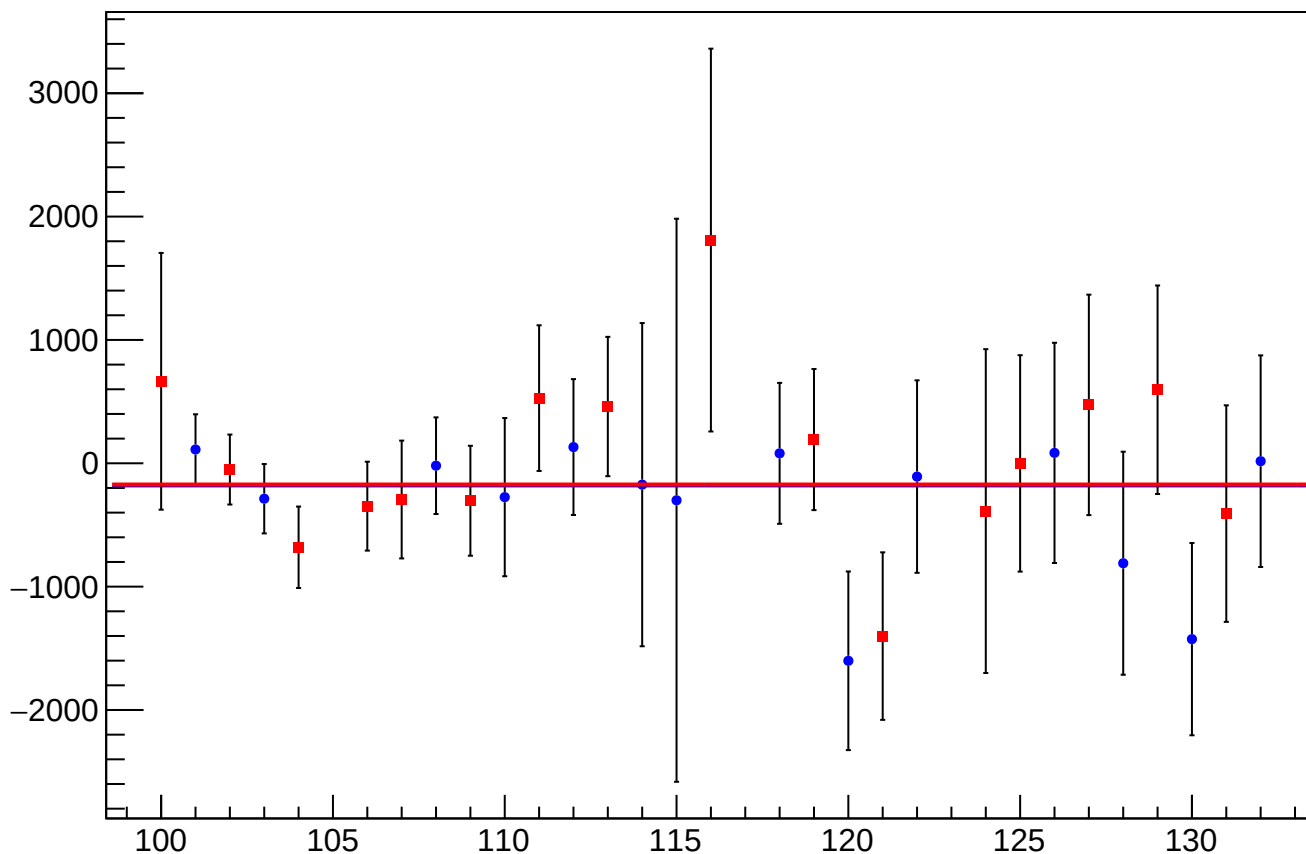
Right: 62.480+/-0.013 χ^2/NDF : 447550.1/29

In: 63.618+/-0.019 χ^2/NDF : 195176.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.480+/-0.013 χ^2/NDF : 447550.1/29

asym_sam_37_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -179.229 ± 141.347 χ^2/NDF : 9.0/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -172.092 ± 132.304 χ^2/NDF : 13.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

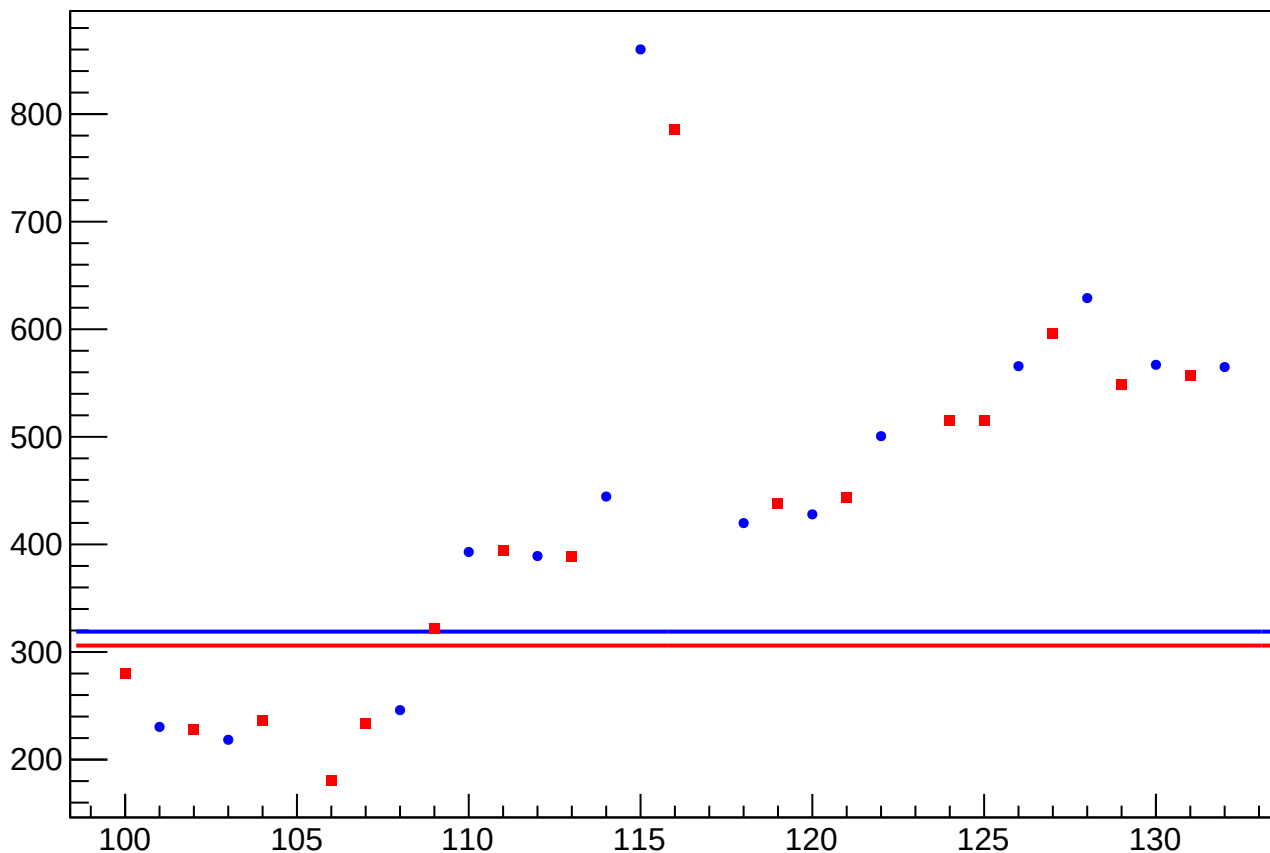
Right: -175.425 ± 96.592 χ^2/NDF : 22.0/29

In: -179.229 ± 141.347 χ^2/NDF : 9.0/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -175.425 ± 96.592 χ^2/NDF : 22.0/29

asym_sam_37_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 318.958+/-0.100 χ^2/NDF : 1678803.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 306.002+/-0.094 χ^2/NDF : 1700106.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

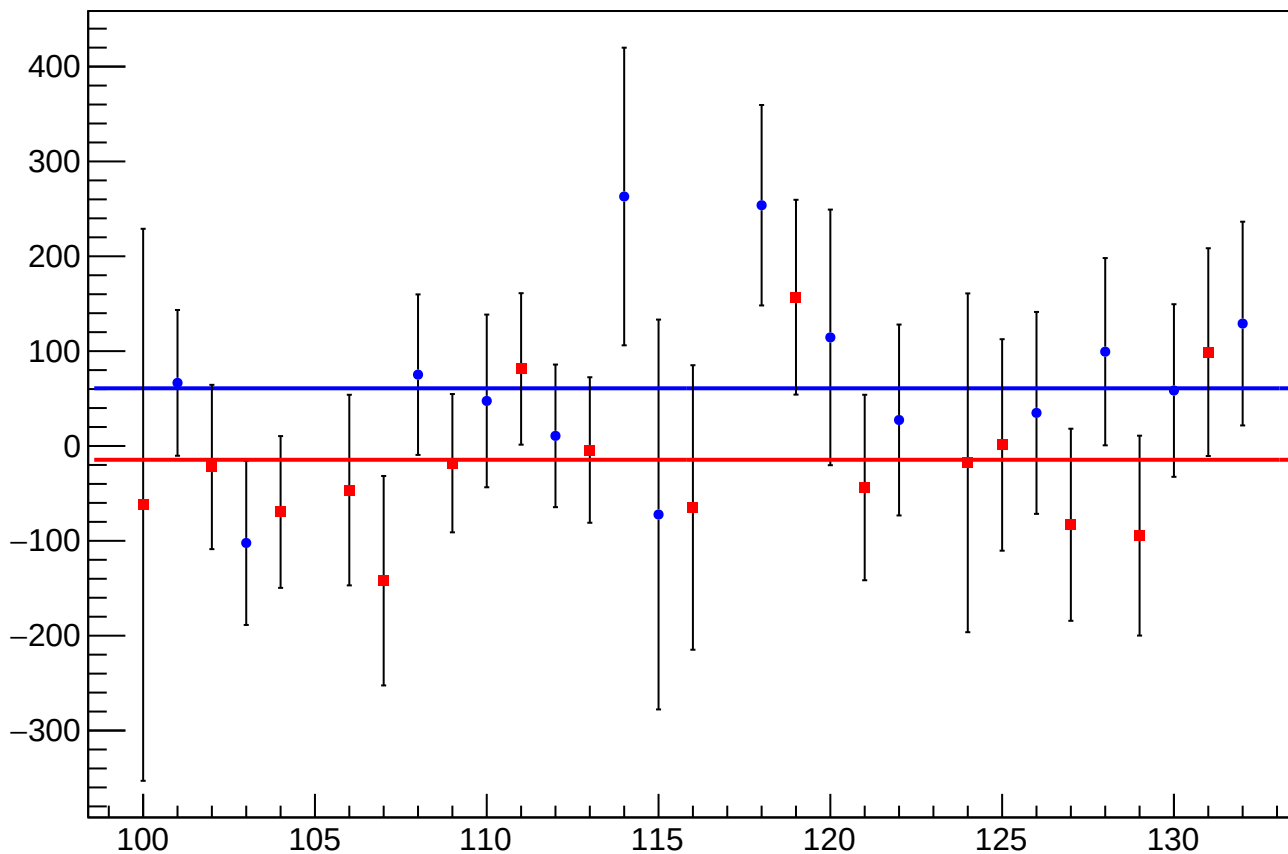
Right: 312.052+/-0.068 χ^2/NDF : 3387866.2/29

In: 318.958+/-0.100 χ^2/NDF : 1678803.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 312.052+/-0.068 χ^2/NDF : 3387866.2/29

eigen_cor_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 60.813 $\pm$ 26.294 χ^2 /NDF: 10.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -14.545 $\pm$ 24.816 χ^2 /NDF: 8.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

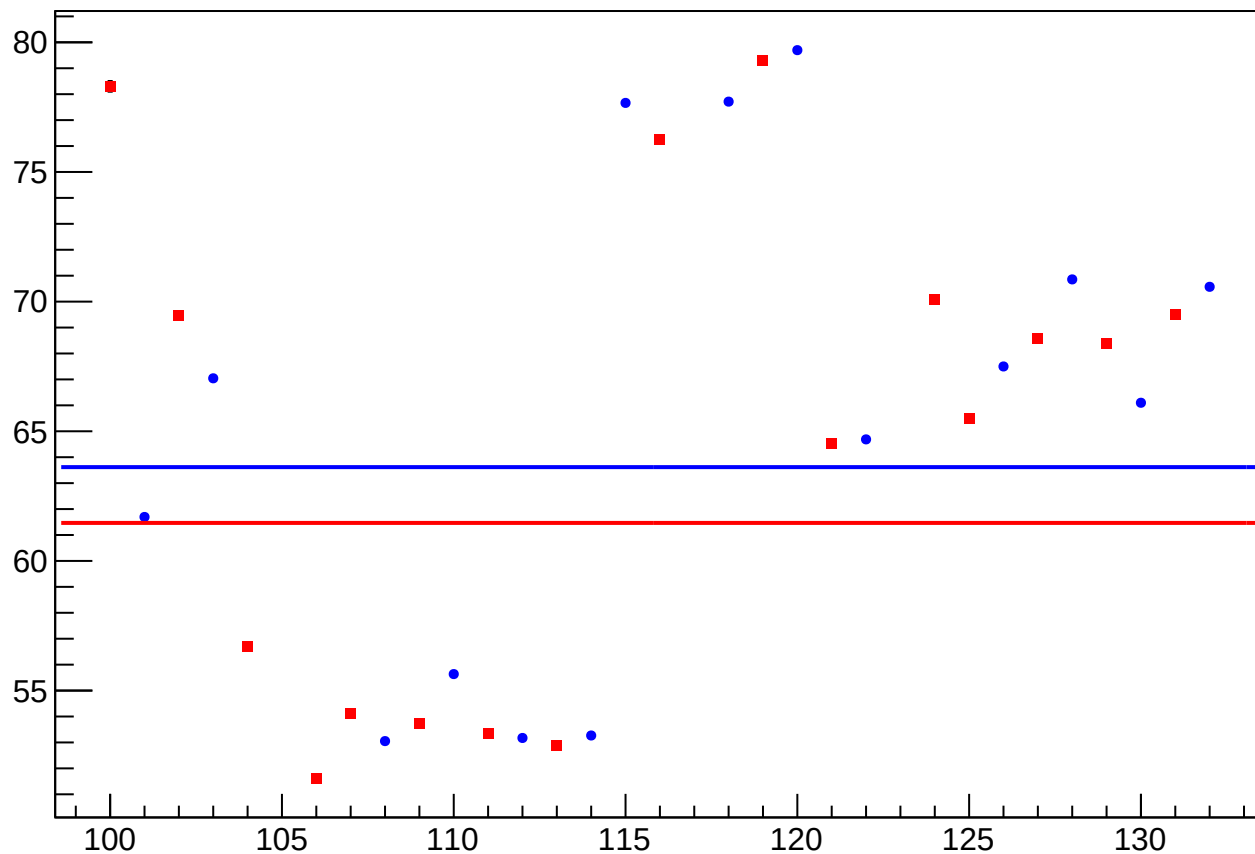
Right: 20.956 $\pm$ 18.047 χ^2 /NDF: 23.2/29

In: 60.813 $\pm$ 26.294 χ^2 /NDF:10.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 20.956 $\pm$ 18.047 χ^2 /NDF: 23.2/29

eigen_cor_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 63.618+/-0.019 χ^2/NDF : 195176.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.466+/-0.018 χ^2/NDF : 245290.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

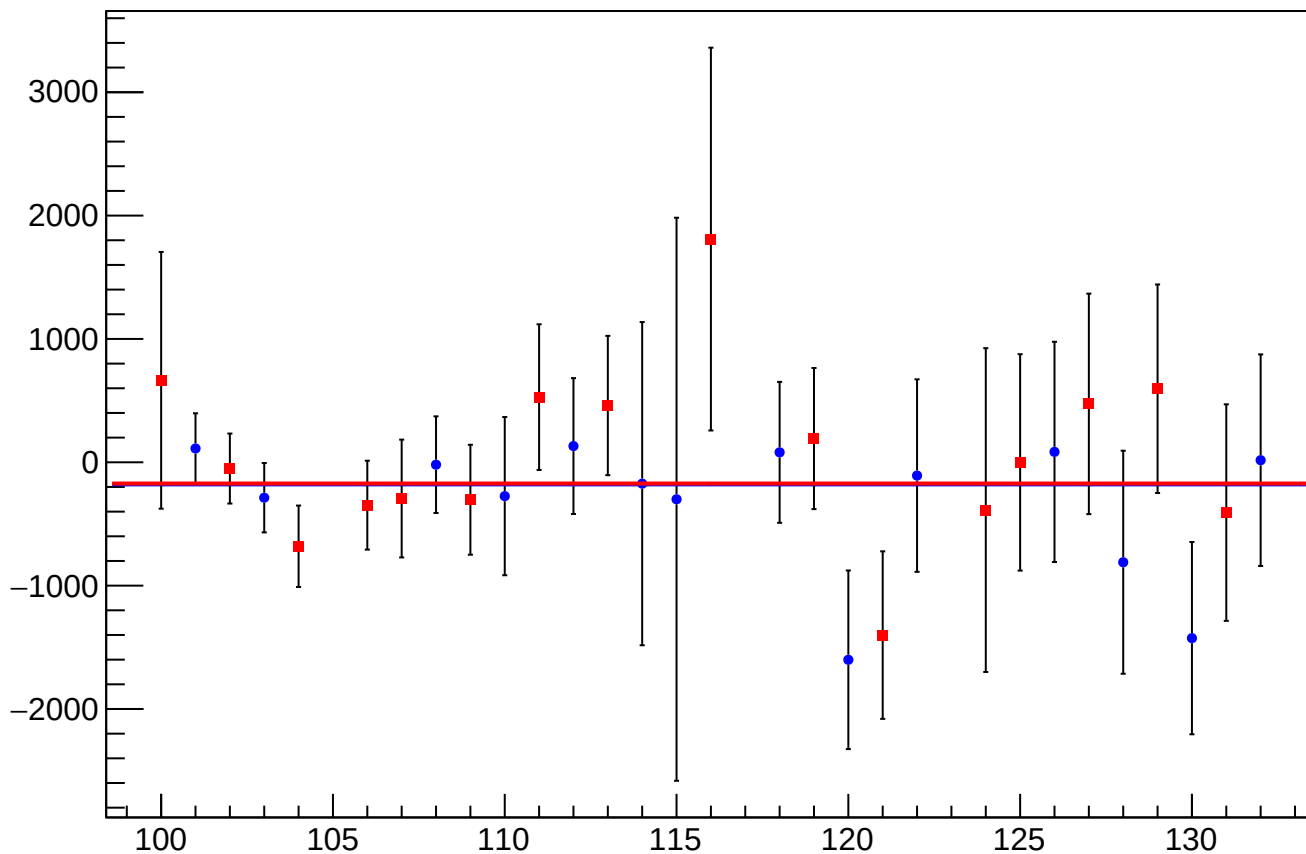
Right: 62.480+/-0.013 χ^2/NDF : 447550.1/29

In: 63.618+/-0.019 χ^2/NDF : 195176.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.480+/-0.013 χ^2/NDF : 447550.1/29

asym_sam_37_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -179.229 ± 141.347 χ^2/NDF : 9.0/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -172.092 ± 132.304 χ^2/NDF : 13.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

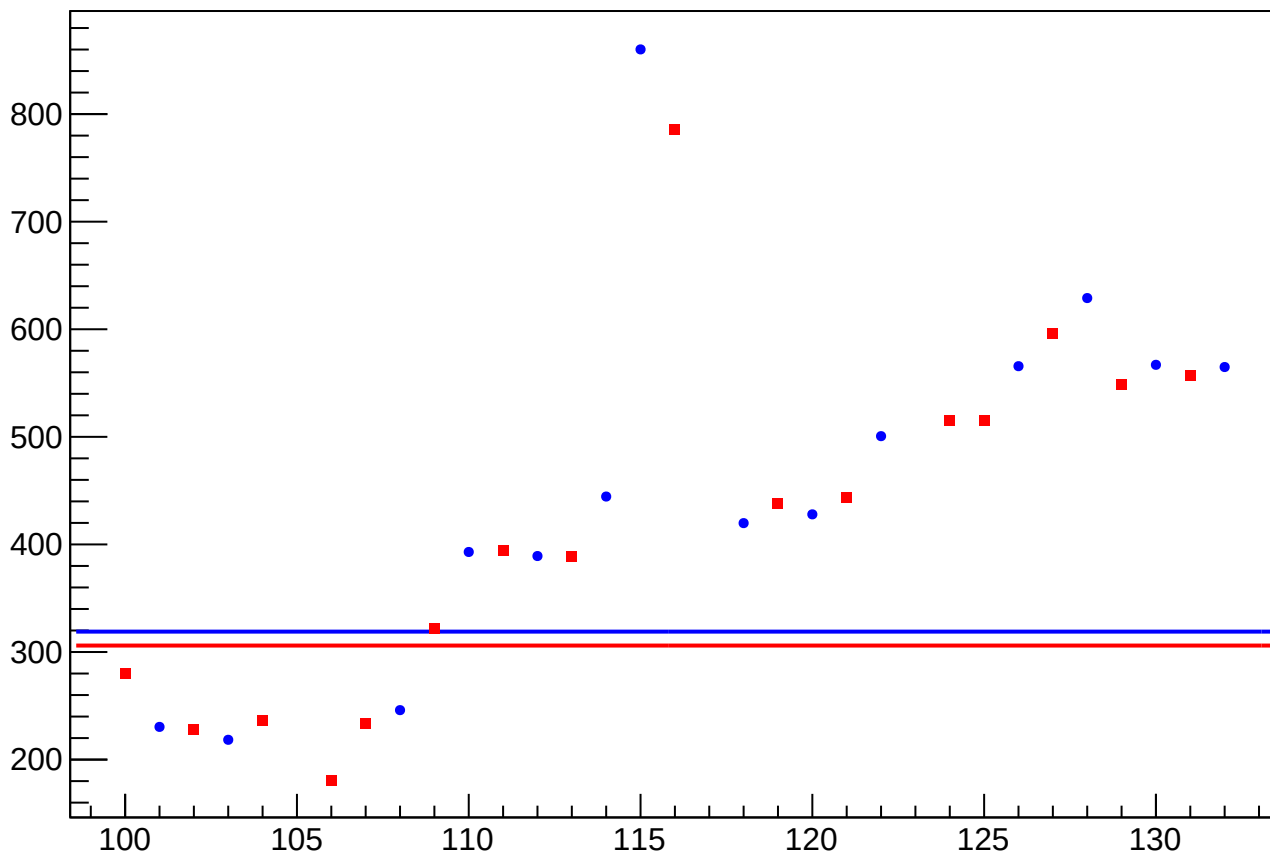
Right: -175.425 ± 96.592 χ^2/NDF : 22.0/29

In: -179.229 ± 141.347 χ^2/NDF : 9.0/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -175.425 ± 96.592 χ^2/NDF : 22.0/29

asym_sam_37_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 318.958+/-0.100 χ^2/NDF : 1678803.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 306.002+/-0.094 χ^2/NDF : 1700106.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

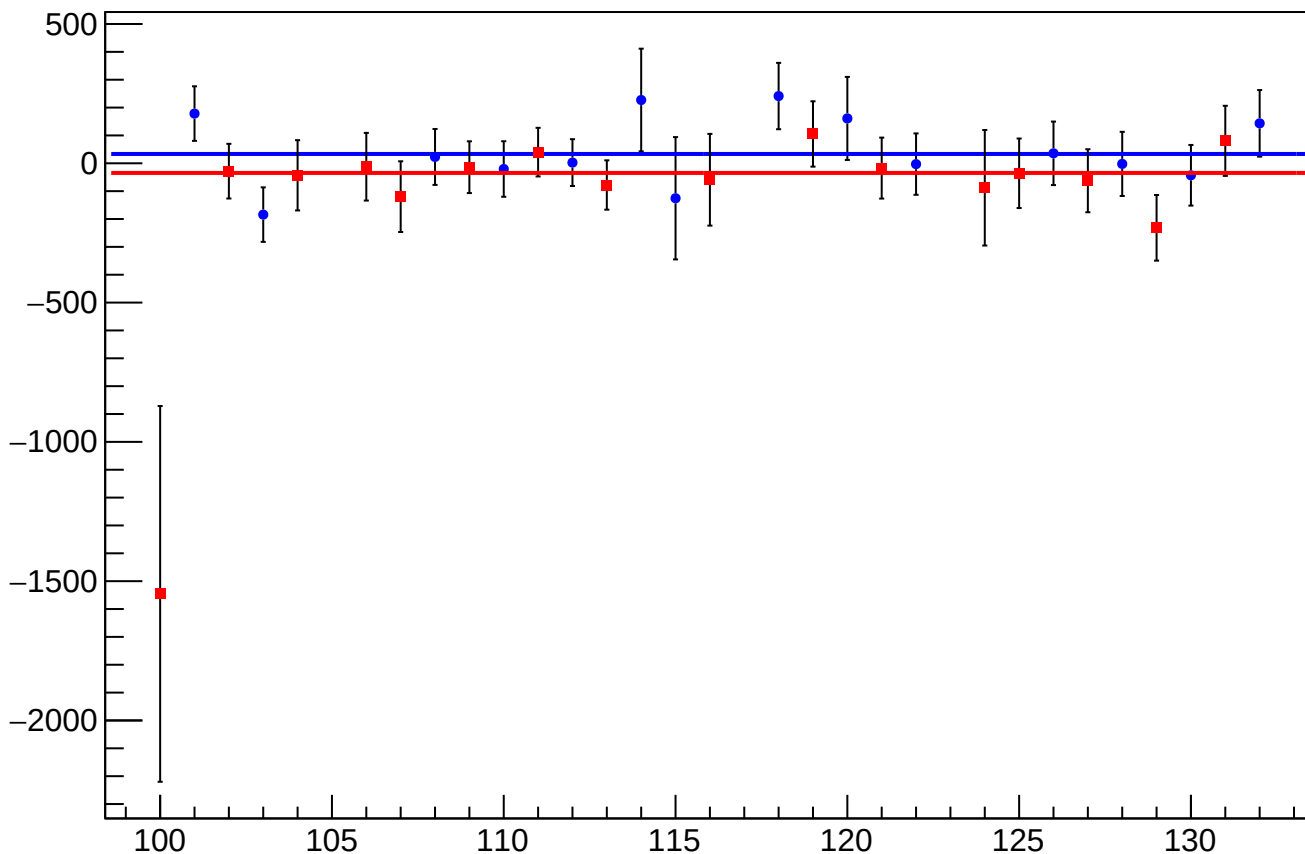
Right: 312.052+/-0.068 χ^2/NDF : 3387866.2/29

In: 318.958+/-0.100 χ^2/NDF :1678803.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 312.052+/-0.068 χ^2/NDF : 3387866.2/29

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 33.503+/-30.081 χ^2/NDF : 14.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -34.609+/-29.267 χ^2/NDF : 11.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

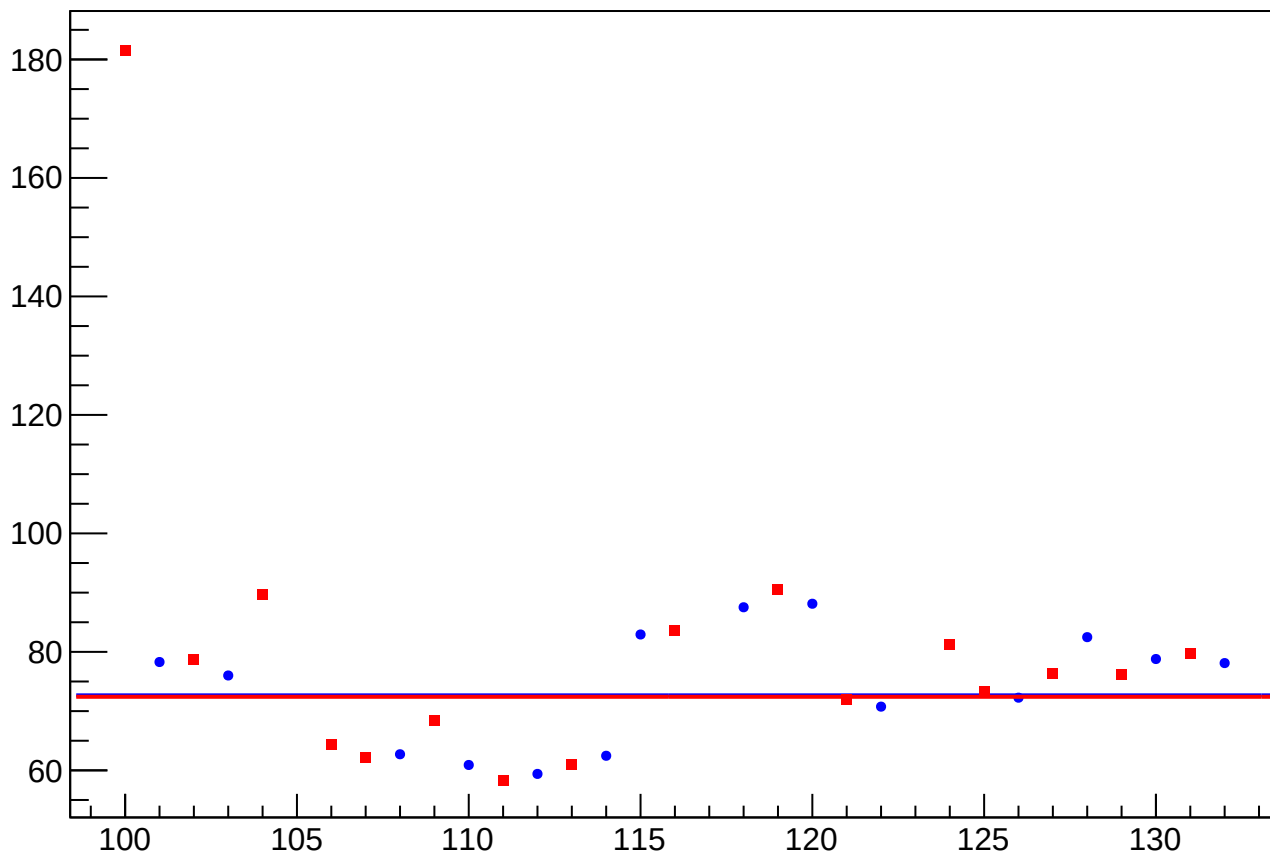
Right: -1.488+/-20.977 χ^2/NDF : 28.9/29

In: 33.503+/-30.081 χ^2/NDF : 14.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.488+/-20.977 χ^2/NDF : 28.9/29

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 72.661 $\pm$ 0.021 χ^2 /NDF: 195042.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 72.419 $\pm$ 0.021 χ^2 /NDF: 281364.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

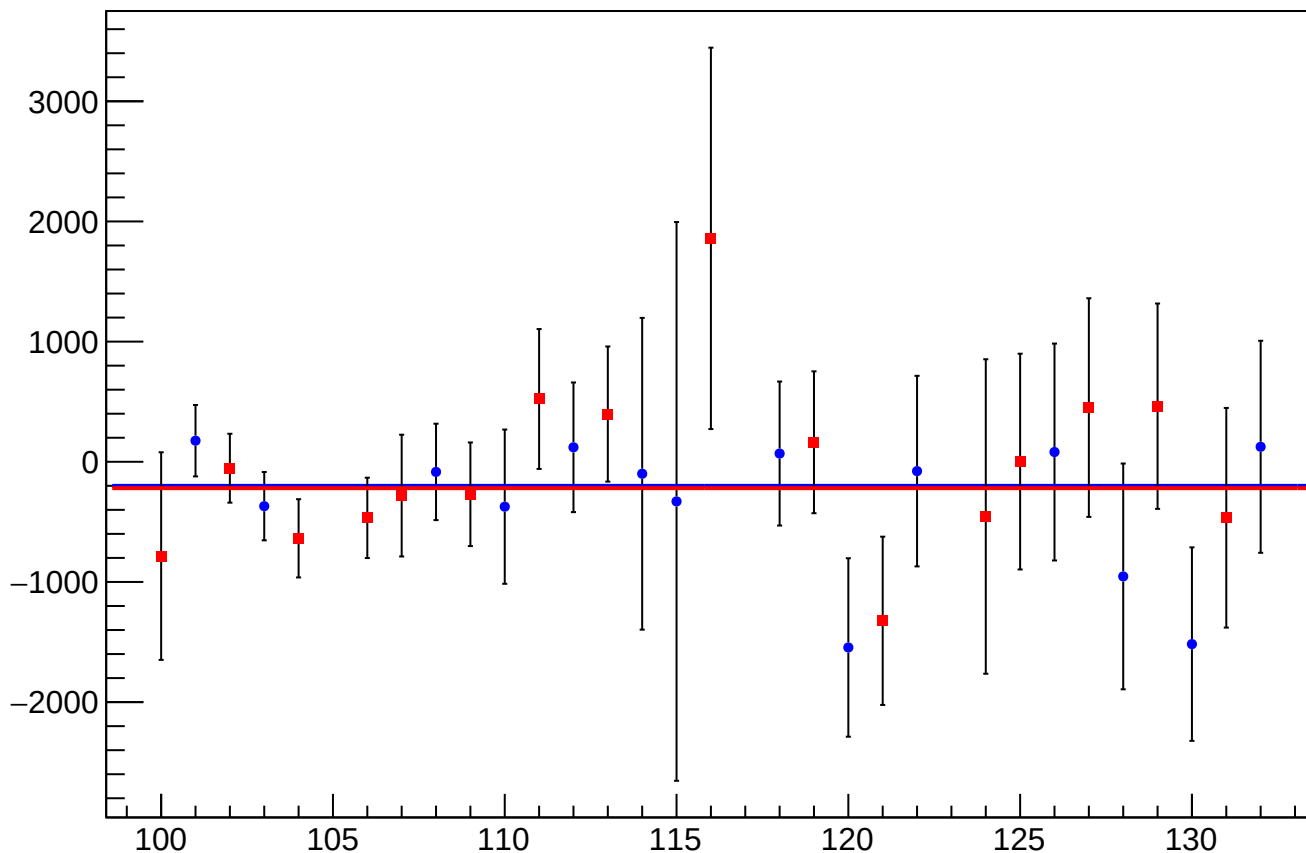
Right: 72.537 $\pm$ 0.015 χ^2 /NDF: 476473.5/29

In: 72.661 $\pm$ 0.021 χ^2 /NDF: 195042.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 72.537 $\pm$ 0.015 χ^2 /NDF: 476473.5/29

asym_sam_37_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -200.515 ± 144.439 χ^2/NDF : 9.5/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -219.564 ± 131.083 χ^2/NDF : 11.8/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

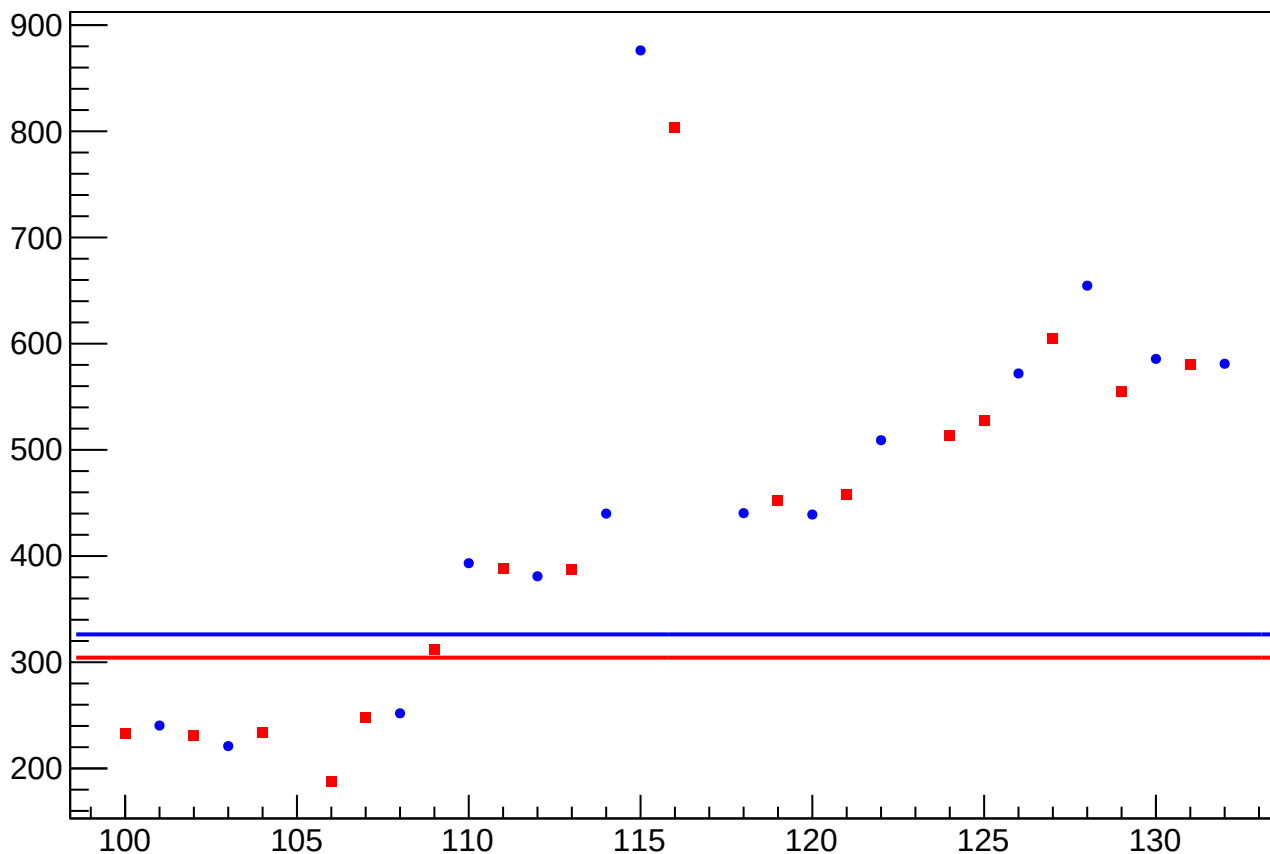
Right: -210.961 ± 97.069 χ^2/NDF : 21.3/29

In: -200.515 ± 144.439 χ^2/NDF : 9.5/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -210.961 ± 97.069 χ^2/NDF : 21.3/29

asym_sam_37_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 326.223+/-0.102 χ^2/NDF : 1671449.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 304.328+/-0.093 χ^2/NDF : 1762028.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

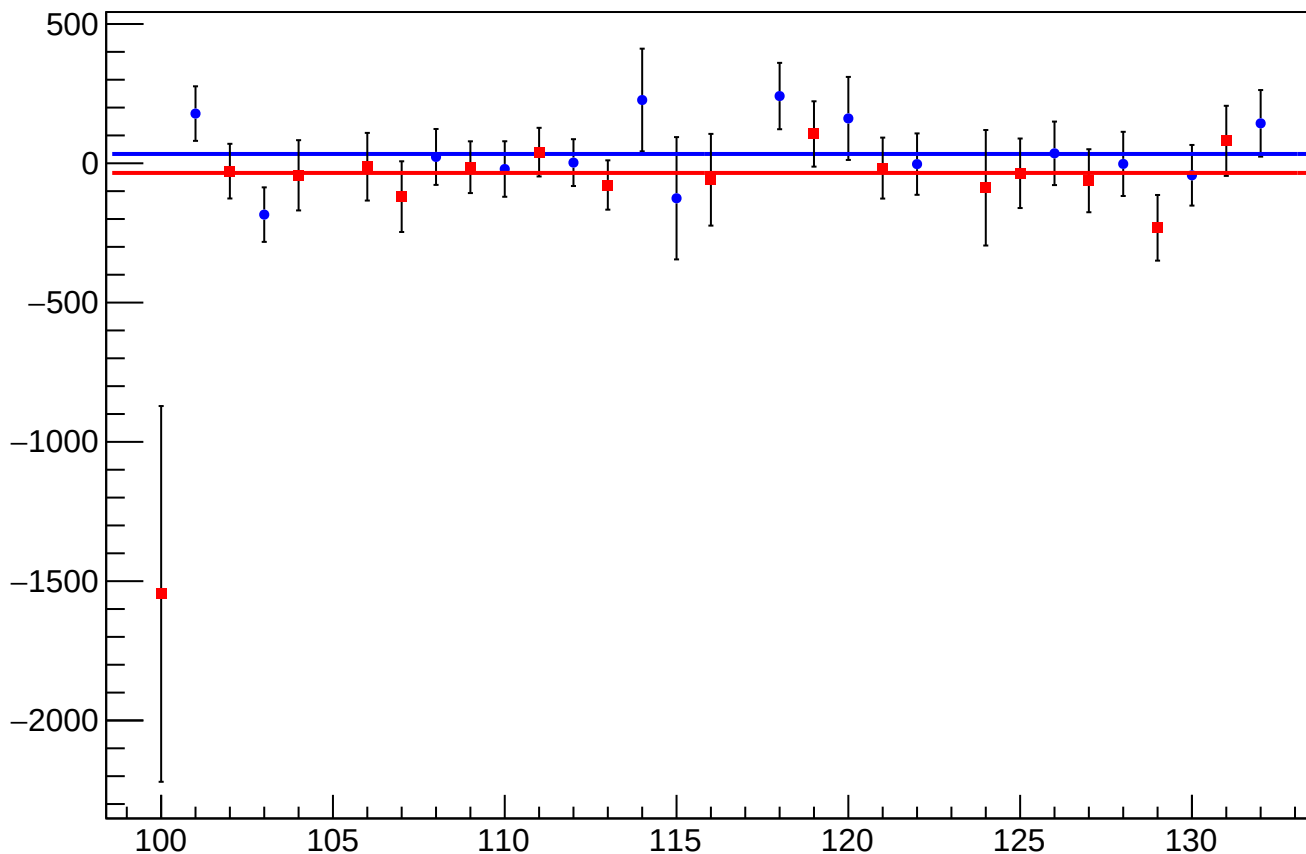
Right: 314.216+/-0.069 χ^2/NDF : 3458679.4/29

In: 326.223+/-0.102 χ^2/NDF : 1671449.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 314.216+/-0.069 χ^2/NDF : 3458679.4/29

eigen_dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 33.503+/-30.081 χ^2/NDF : 14.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -34.610+/-29.267 χ^2/NDF : 11.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

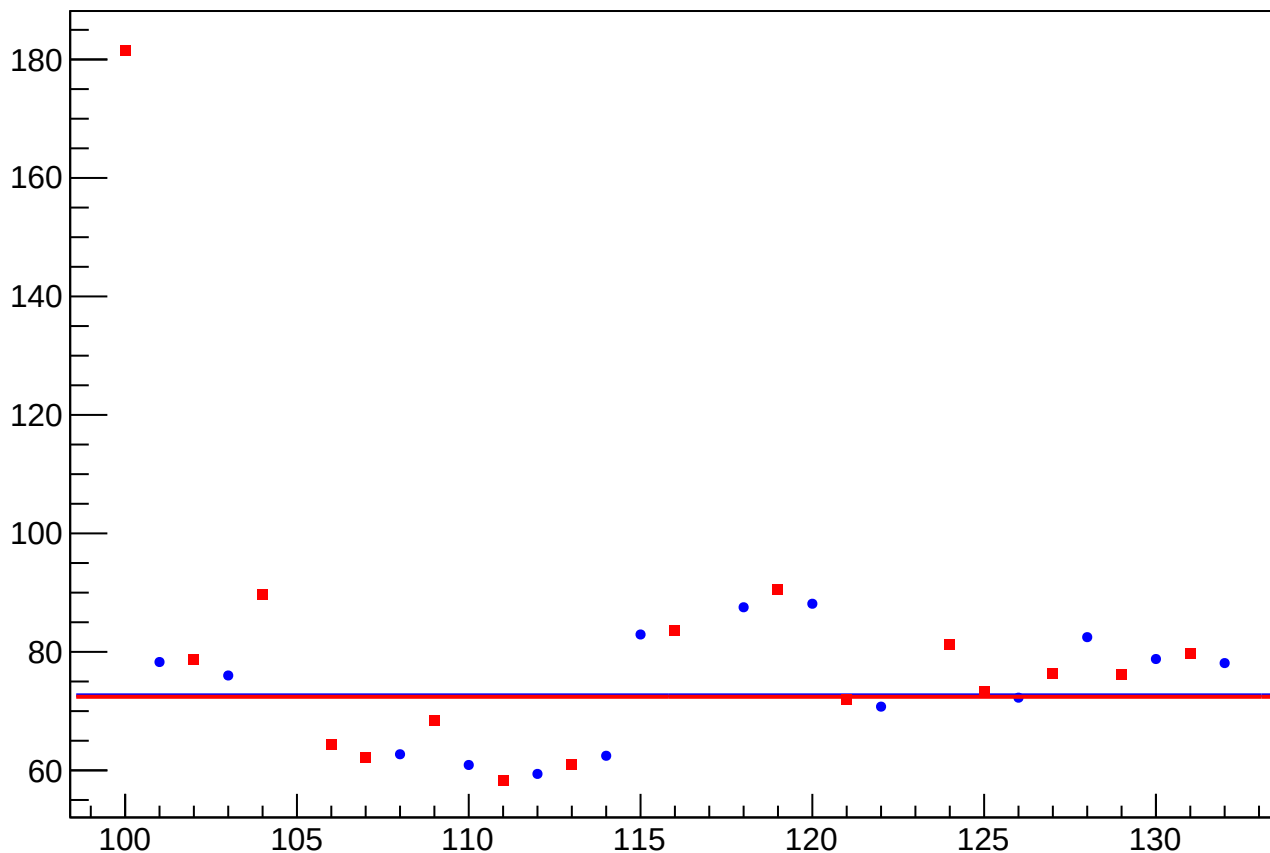
Right: -1.488+/-20.977 χ^2/NDF : 28.9/29

In: 33.503+/-30.081 χ^2/NDF : 14.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.488+/-20.977 χ^2/NDF : 28.9/29

eigen_dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 72.661 $\pm$ 0.021 χ^2 /NDF: 195041.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 72.420 $\pm$ 0.021 χ^2 /NDF: 281368.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

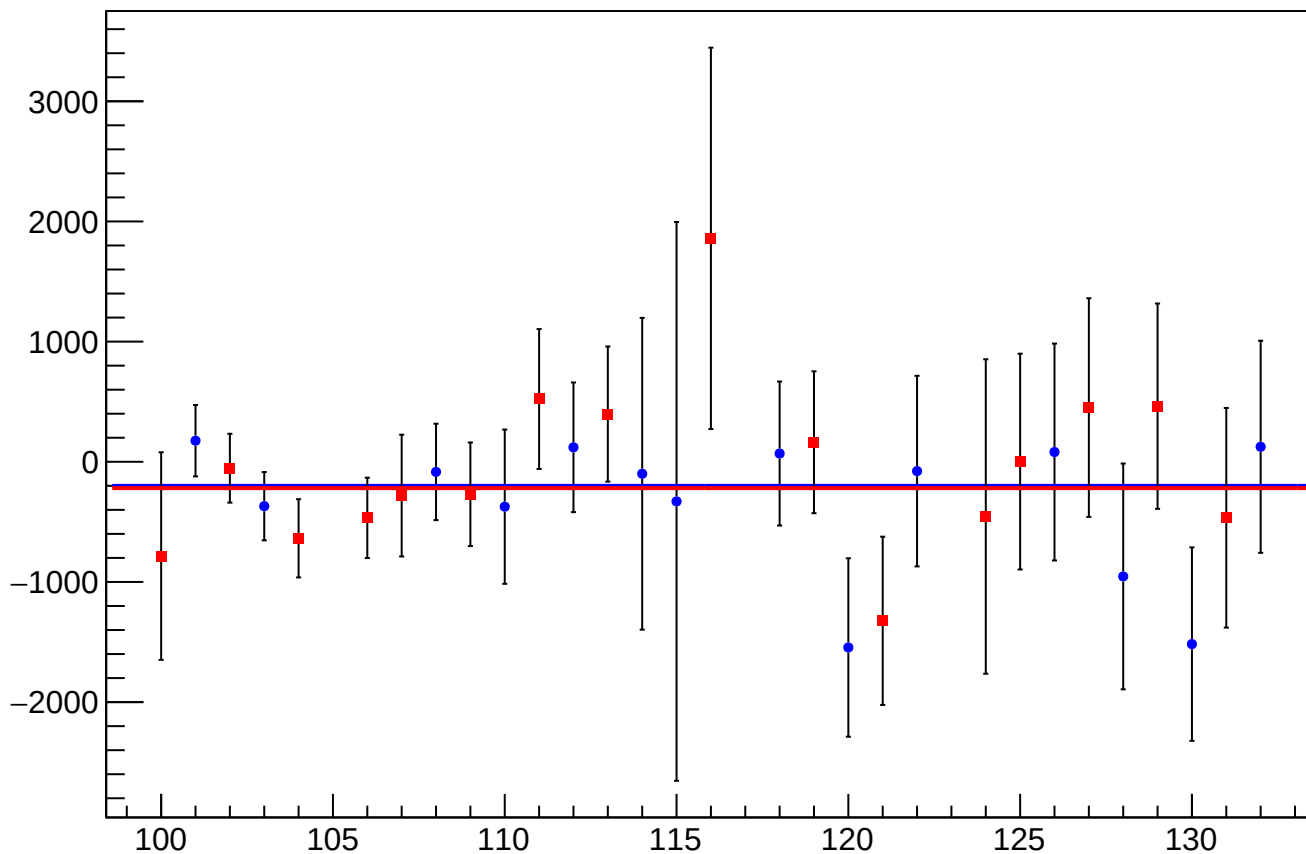
Right: 72.537 $\pm$ 0.015 χ^2 /NDF: 476475.8/29

In: 72.661 $\pm$ 0.021 χ^2 /NDF:195041.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 72.537 $\pm$ 0.015 χ^2 /NDF: 476475.8/29

asym_sam_37_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -200.515 $\pm$ 144.439 χ^2 /NDF: 9.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -219.564 $\pm$ 131.083 χ^2 /NDF: 11.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

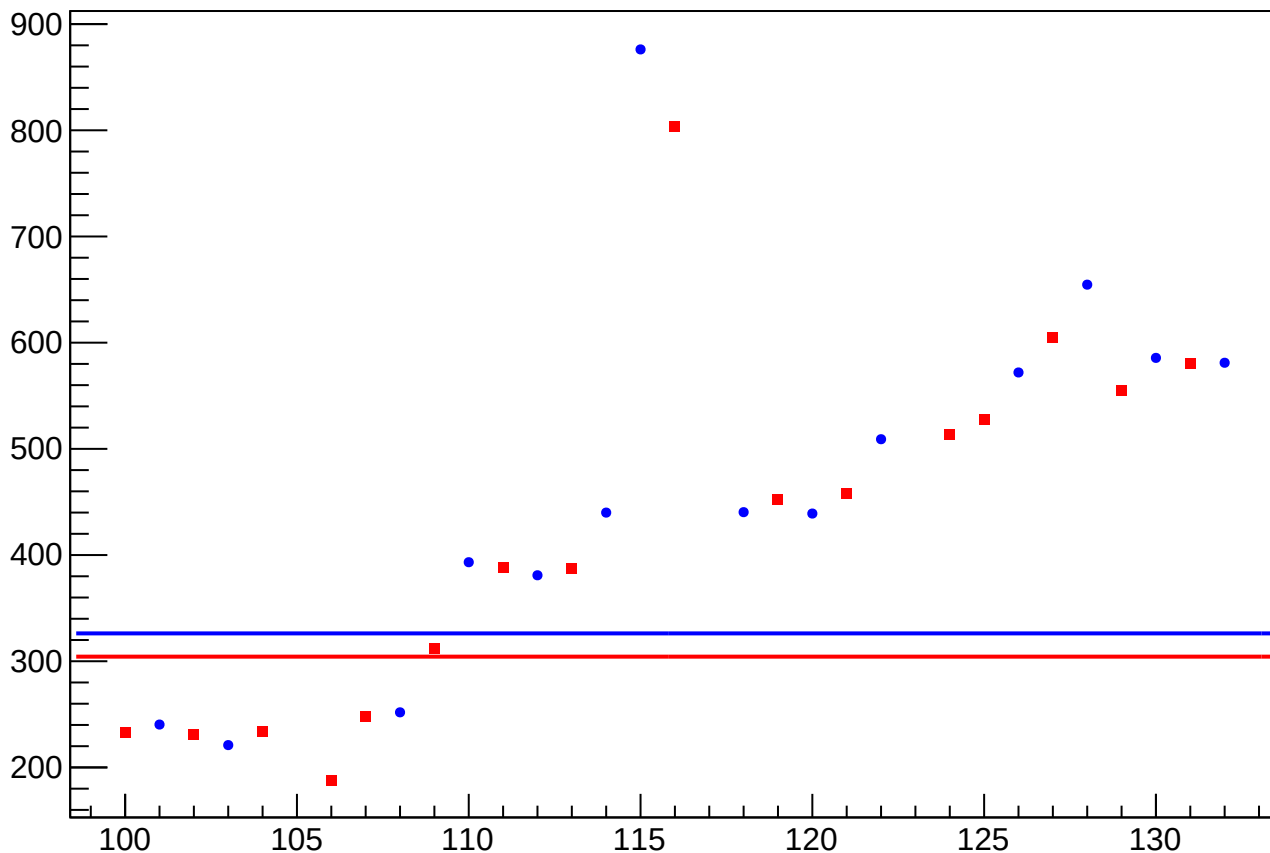
Right: -210.961 $\pm$ 97.069 χ^2 /NDF: 21.3/29

In: -200.515 $\pm$ 144.439 χ^2 /NDF:9.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -210.961 $\pm$ 97.069 χ^2 /NDF: 21.3/29

asym_sam_37_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 326.223+/-0.102 χ^2/NDF : 1671449.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 304.328+/-0.093 χ^2/NDF : 1762028.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

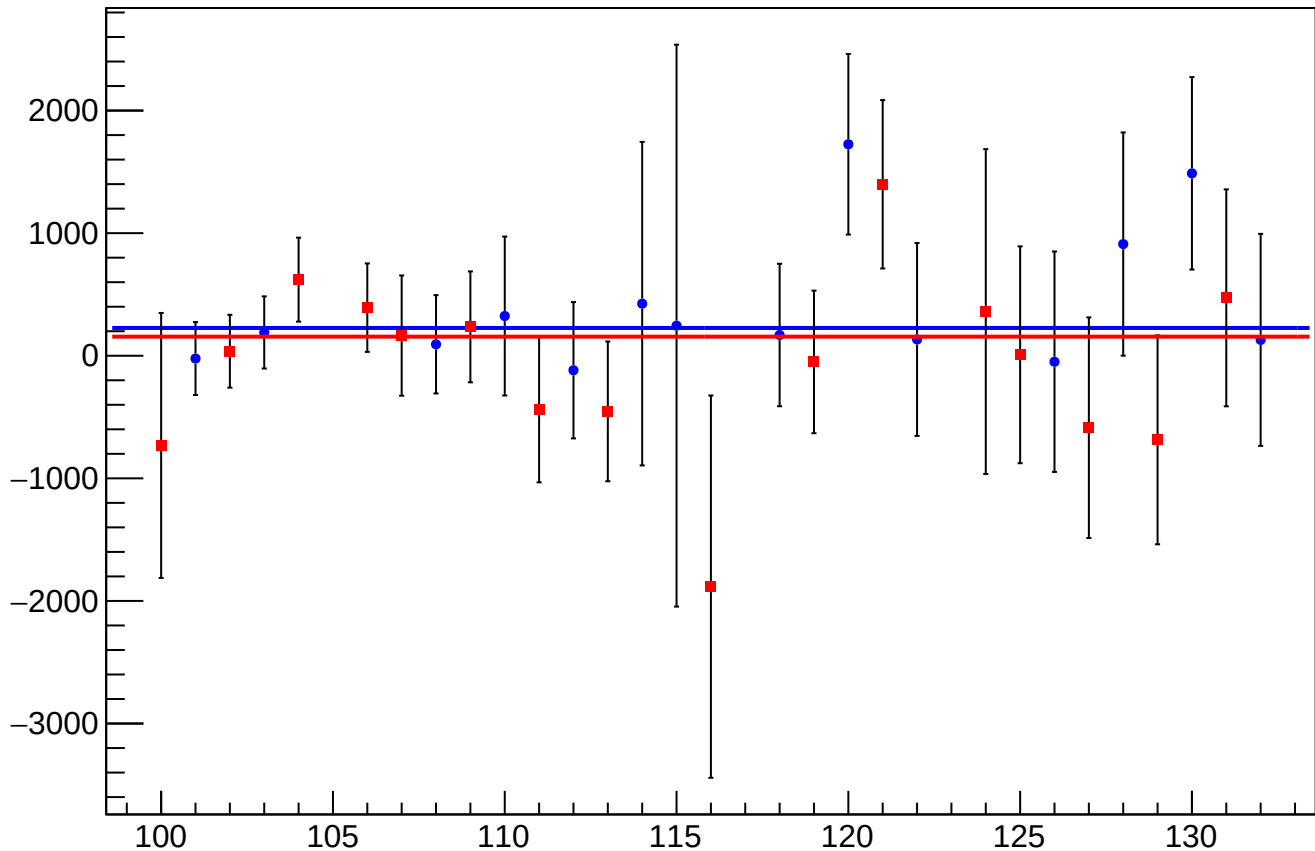
Right: 314.216+/-0.069 χ^2/NDF : 3458678.5/29

In: 326.223+/-0.102 χ^2/NDF : 1671449.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 314.216+/-0.069 χ^2/NDF : 3458678.5/29

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 226.724 $\pm$ 145.405 χ^2 /NDF: 8.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 155.787 $\pm$ 135.382 χ^2 /NDF: 12.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

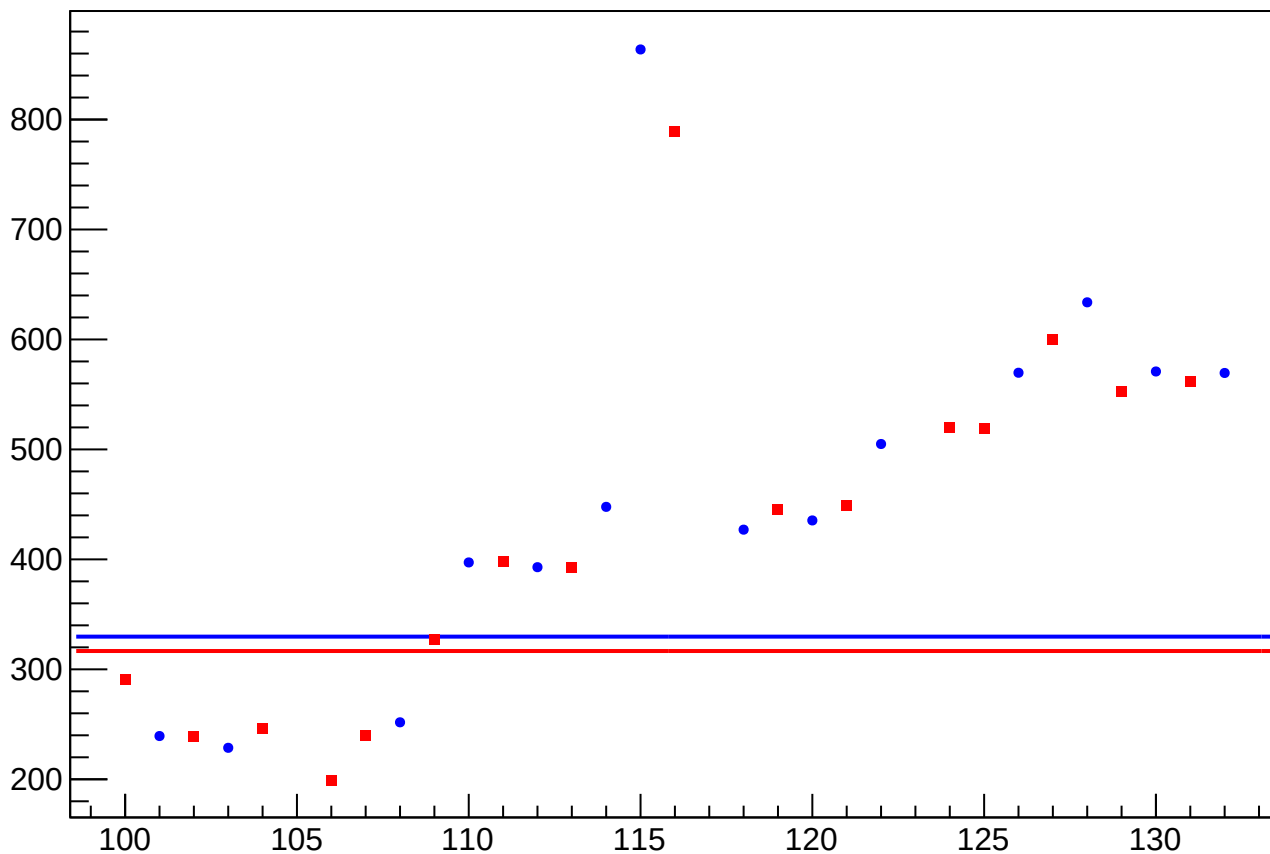
Right: 188.727 $\pm$ 99.084 χ^2 /NDF: 21.0/29

In: 226.724 $\pm$ 145.405 χ^2 /NDF:8.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 188.727 $\pm$ 99.084 χ^2 /NDF: 21.0/29

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 329.740+/-0.103 χ^2/NDF : 1573233.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 316.651+/-0.096 χ^2/NDF : 1571674.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

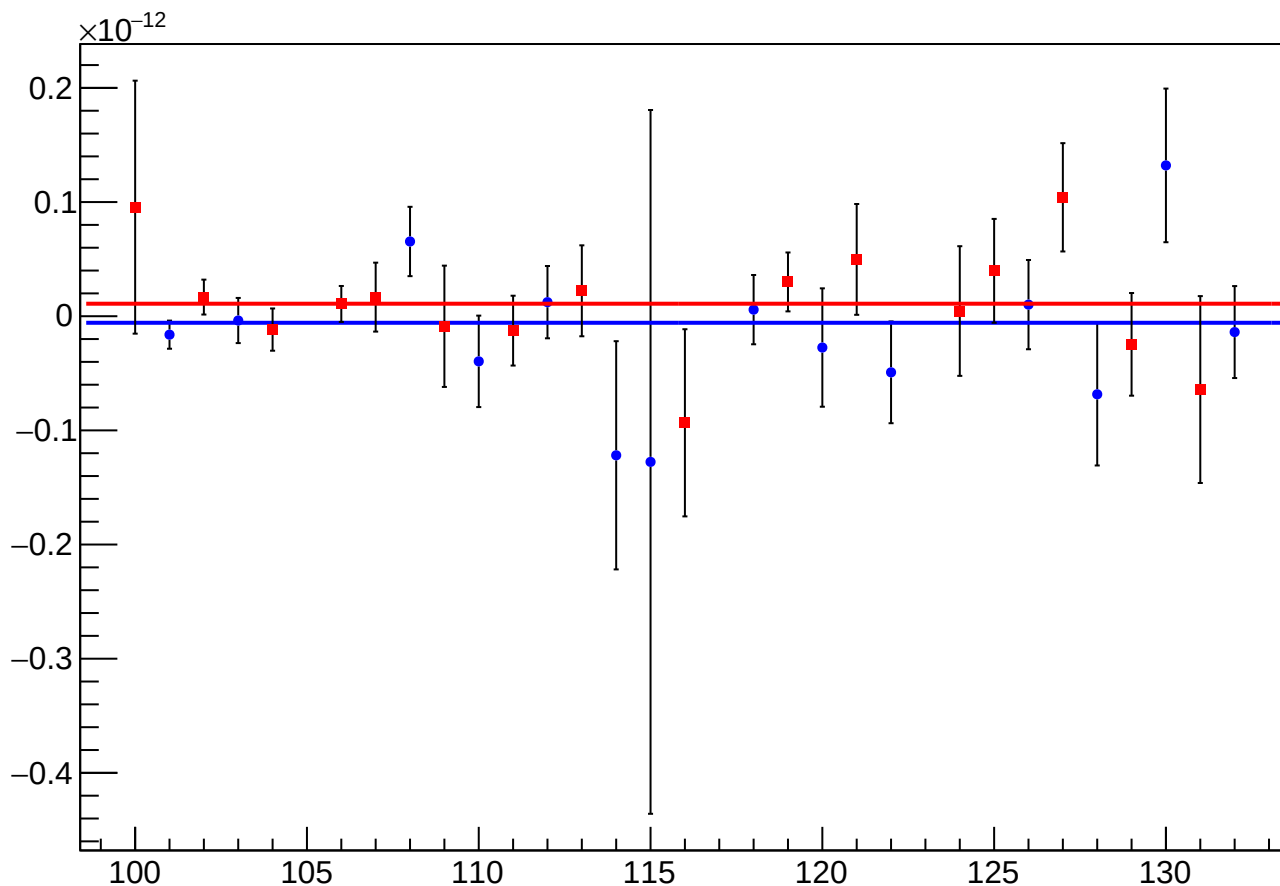
Right: 322.729+/-0.070 χ^2/NDF : 3153588.1/29

In: 329.740+/-0.103 χ^2/NDF : 1573233.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 322.729+/-0.070 χ^2/NDF : 3153588.1/29

asym_sam_37_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 15.4/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 11.6/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

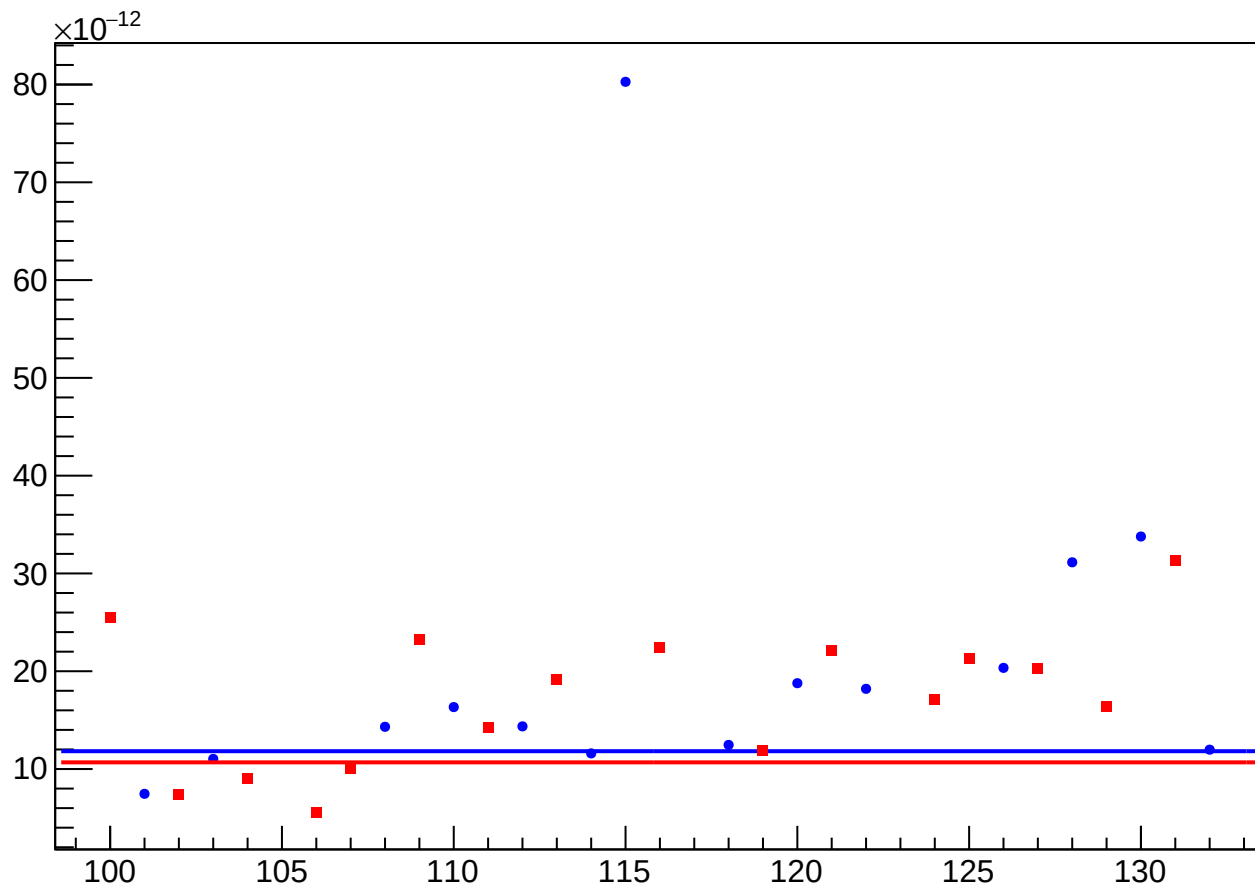
Right: 0.000+/-0.000 χ^2 /NDF: 29.4/29

In: -0.000+/-0.000 χ^2 /NDF:15.4/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 29.4/29

asym_sam_37_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 981516.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1122488.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

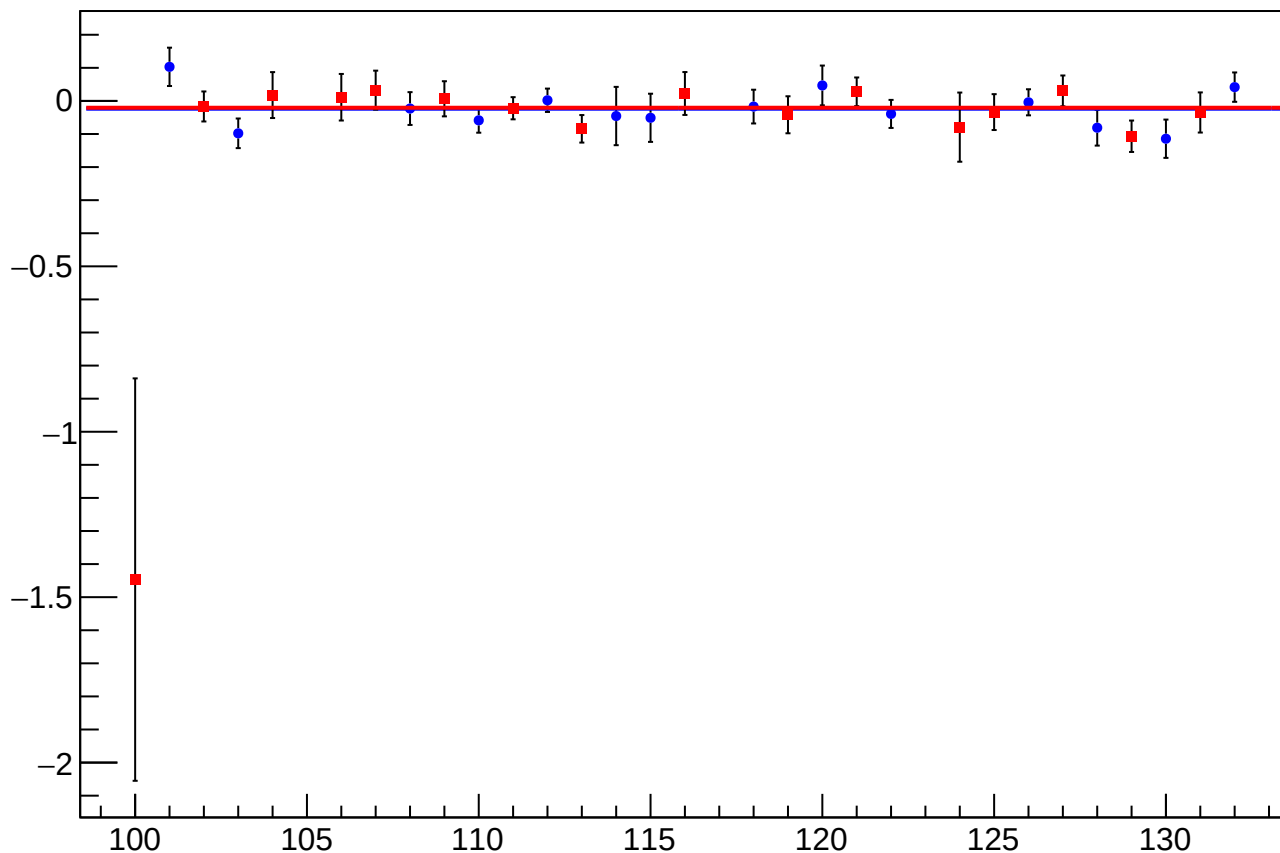
Right: 0.000+/-0.000 χ^2/NDF : 2126067.5/29

In: 0.000+/-0.000 χ^2/NDF : 981516.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2126067.5/29

asym_sam_37_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024 ± 0.013 χ^2/NDF : 16.7/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.021 ± 0.013 χ^2/NDF : 16.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

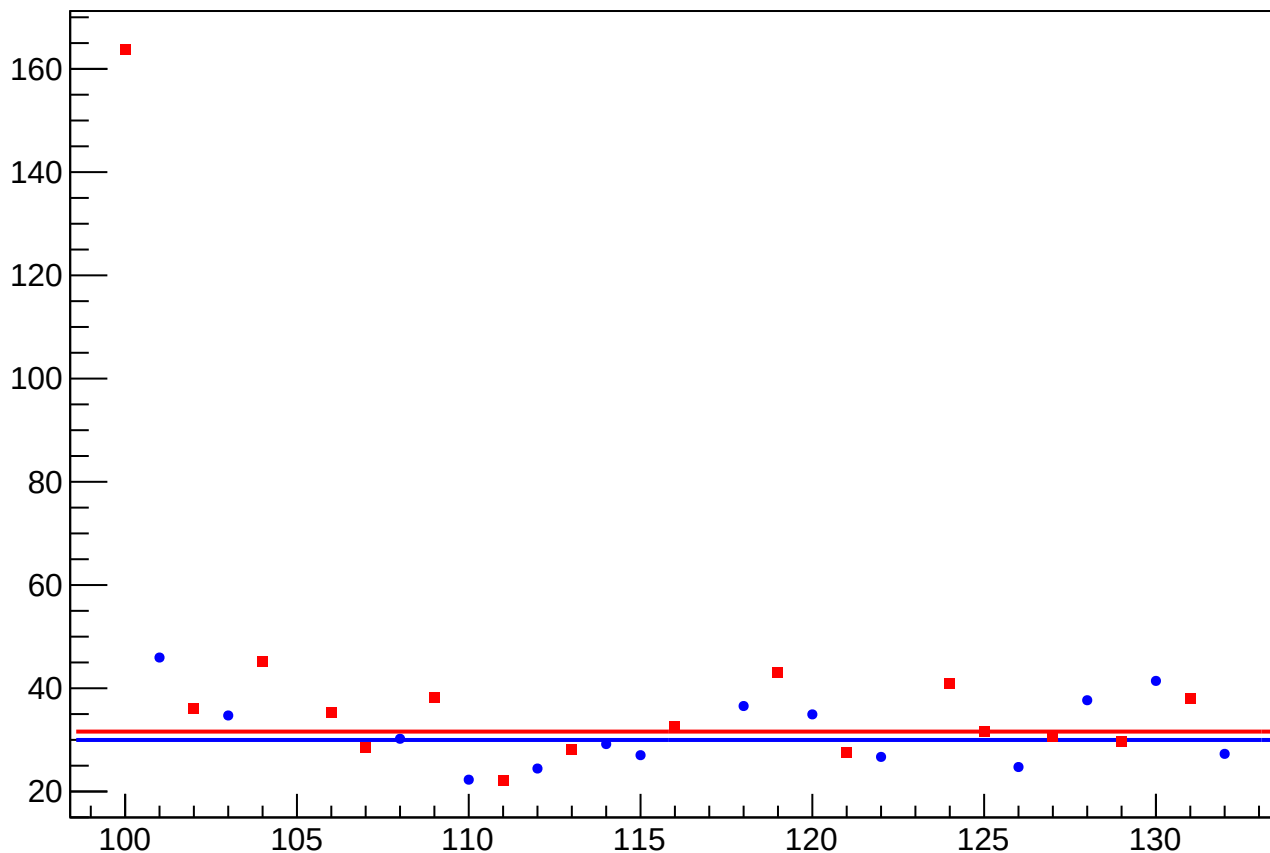
Right: -0.022 ± 0.009 χ^2/NDF : 32.9/29

In: -0.024 ± 0.013 χ^2/NDF : 16.7/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.022 ± 0.009 χ^2/NDF : 32.9/29

asym_sam_37_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.983+/-0.009 χ^2/NDF : 531990.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.607+/-0.009 χ^2/NDF : 551280.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

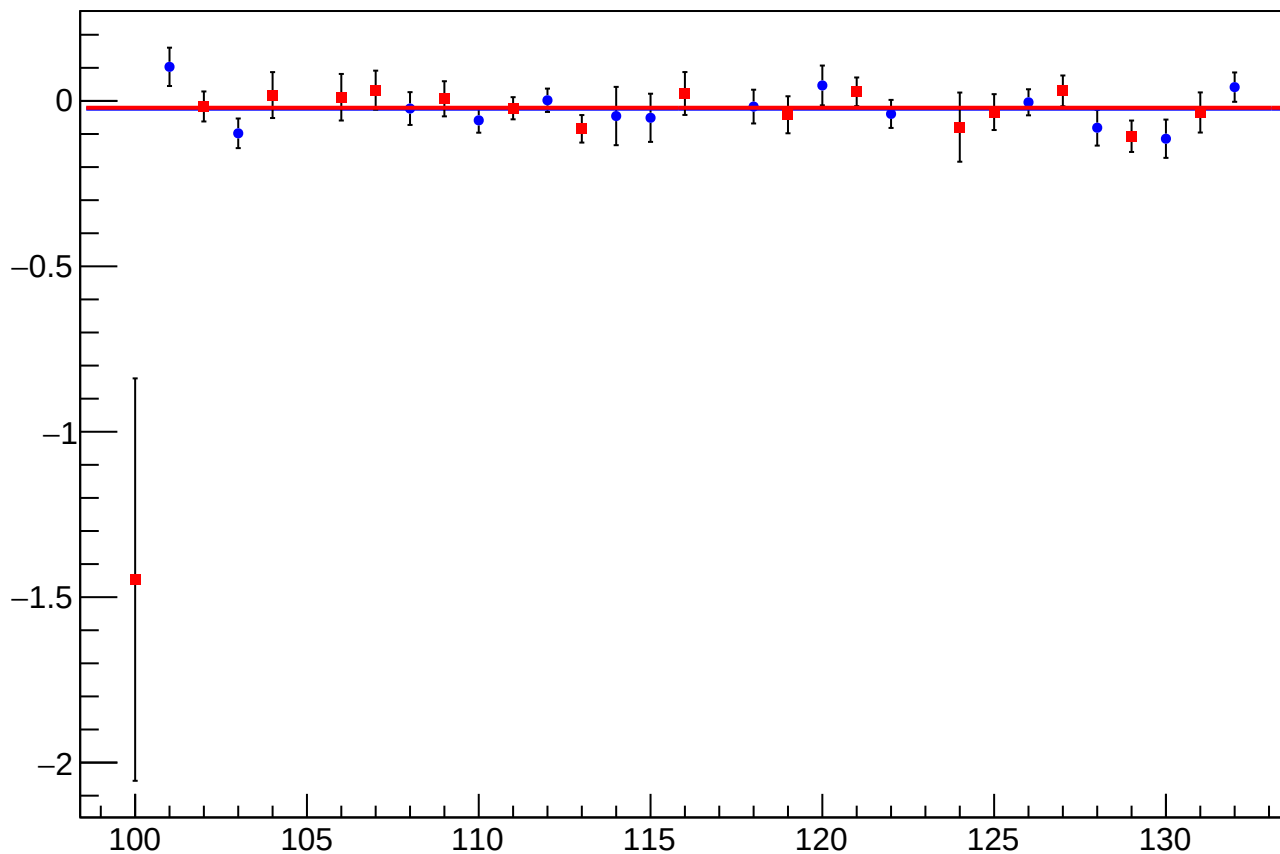
Right: 30.772+/-0.007 χ^2/NDF : 1098754.5/29

In: 29.983+/-0.009 χ^2/NDF : 531990.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.772+/-0.007 χ^2/NDF : 1098754.5/29

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024 ± 0.013 χ^2/NDF : 16.7/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.021 ± 0.013 χ^2/NDF : 16.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

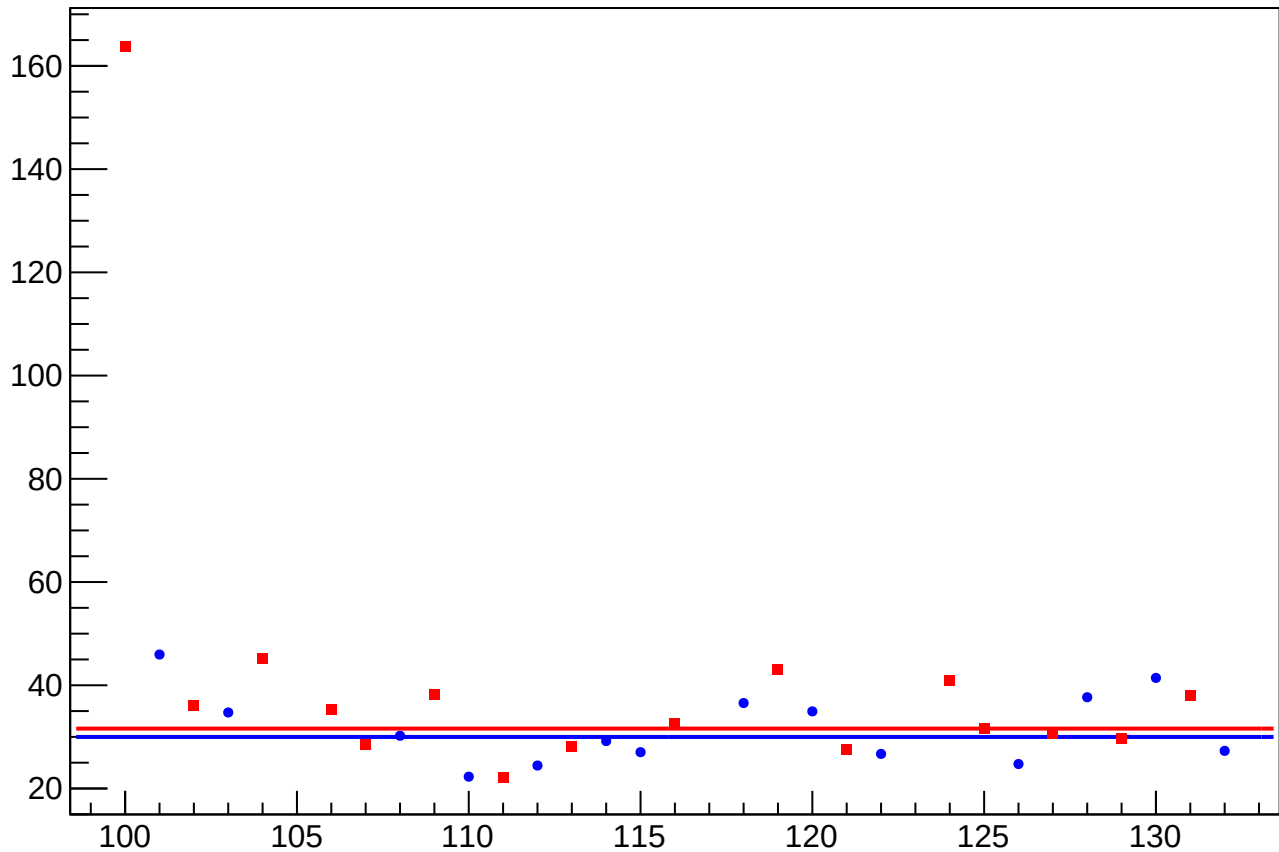
Right: -0.022 ± 0.009 χ^2/NDF : 32.9/29

In: -0.024 ± 0.013 χ^2/NDF : 16.7/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.022 ± 0.009 χ^2/NDF : 32.9/29

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.983+/-0.009 χ^2/NDF : 531990.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.607+/-0.009 χ^2/NDF : 551280.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

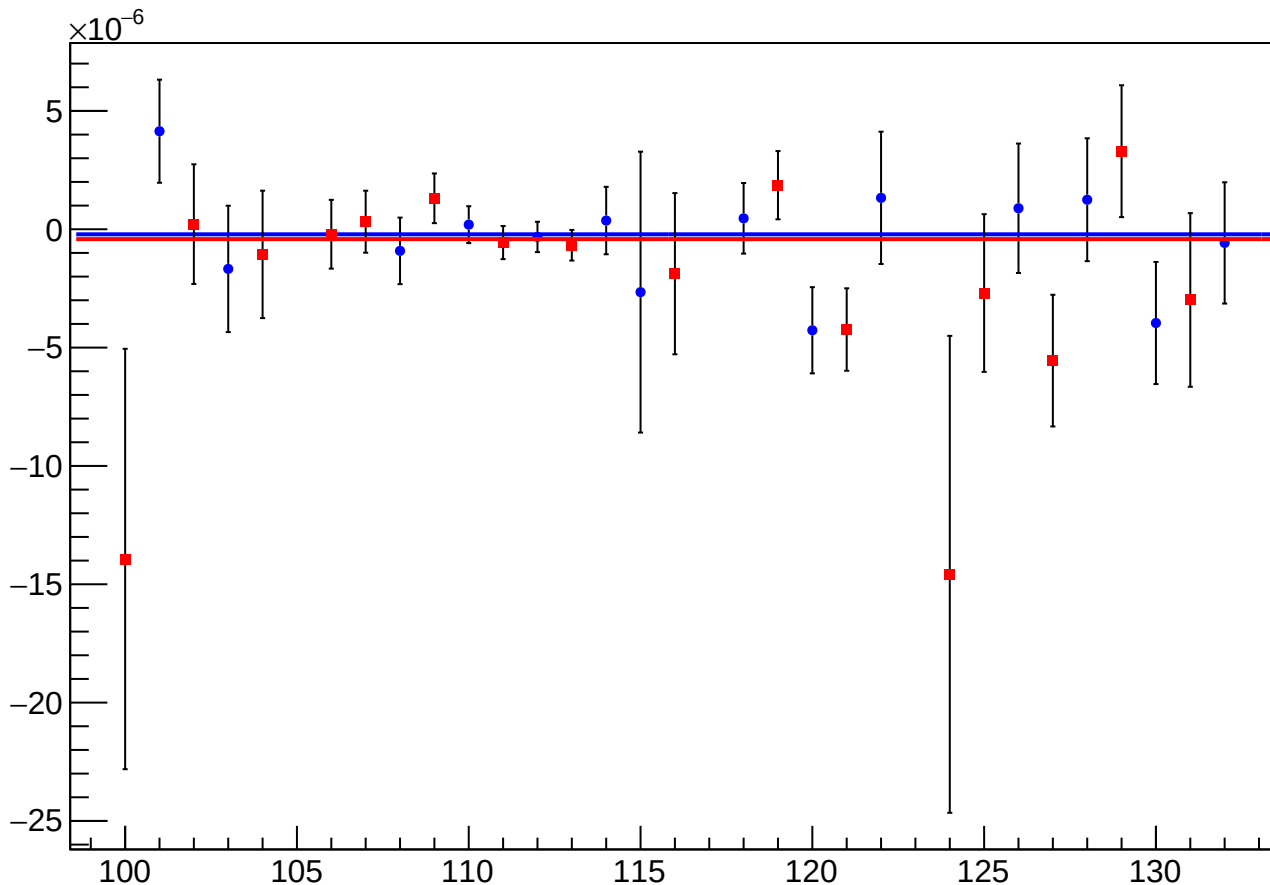
Right: 30.772+/-0.007 χ^2/NDF : 1098754.5/29

In: 29.983+/-0.009 χ^2/NDF : 531990.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.772+/-0.007 χ^2/NDF : 1098754.5/29

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 13.3/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 21.3/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

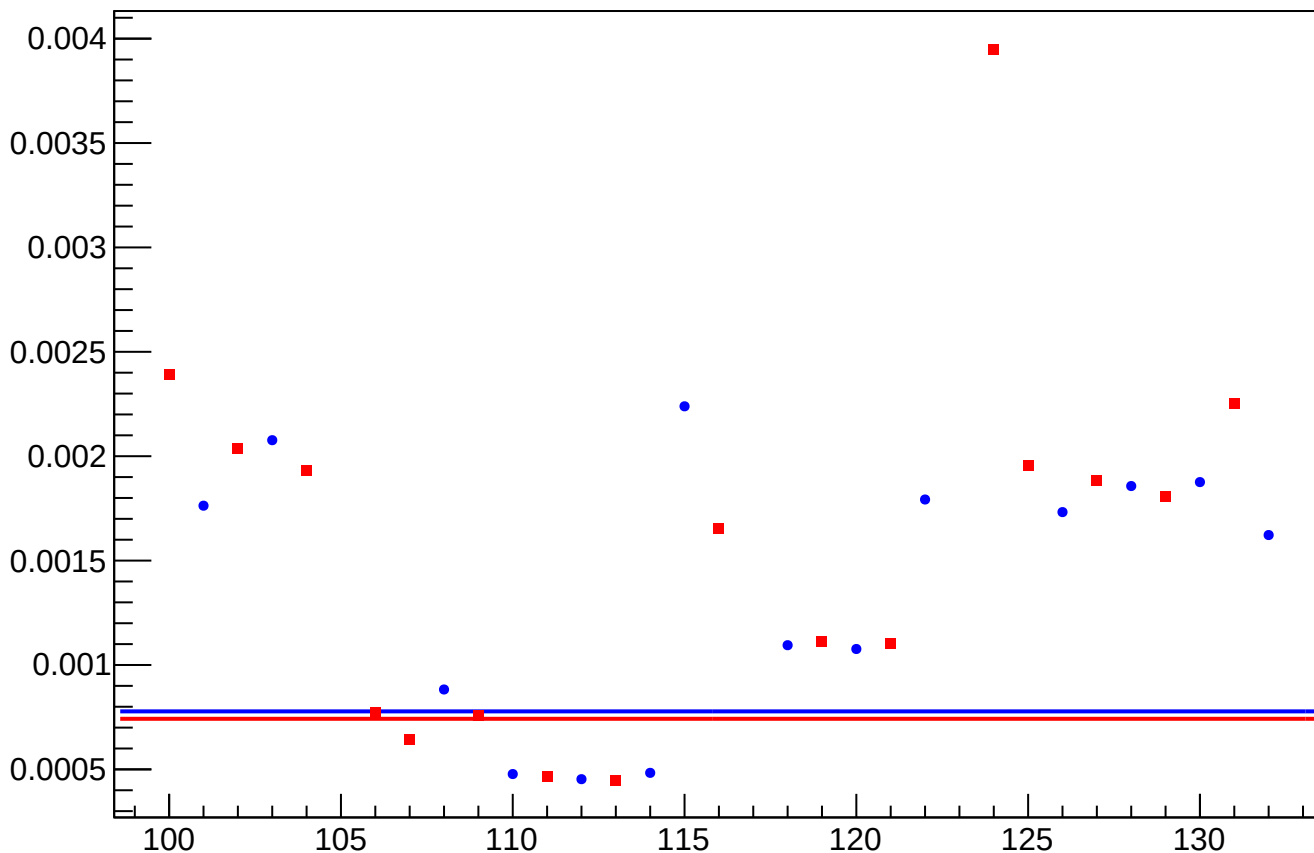
Right: -0.000+/-0.000 χ^2 /NDF: 34.7/29

In: -0.000+/-0.000 χ^2 /NDF:13.3/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 34.7/29

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 3486946.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3524127.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

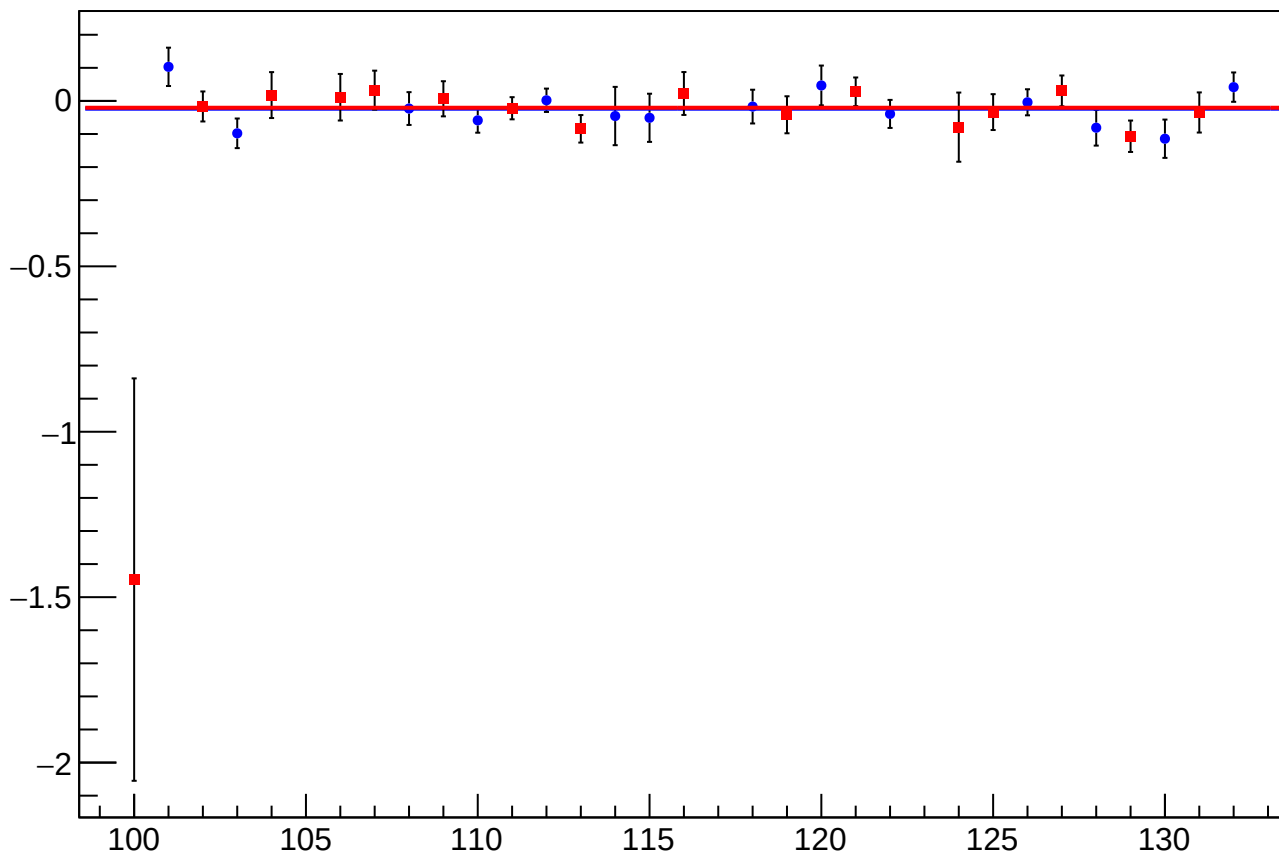
Right: 0.001+/-0.000 χ^2/NDF : 7020474.6/29

In: 0.001+/-0.000 χ^2/NDF :3486946.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 7020474.6/29

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024 ± 0.013 χ^2/NDF : 16.7/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.021 ± 0.013 χ^2/NDF : 16.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

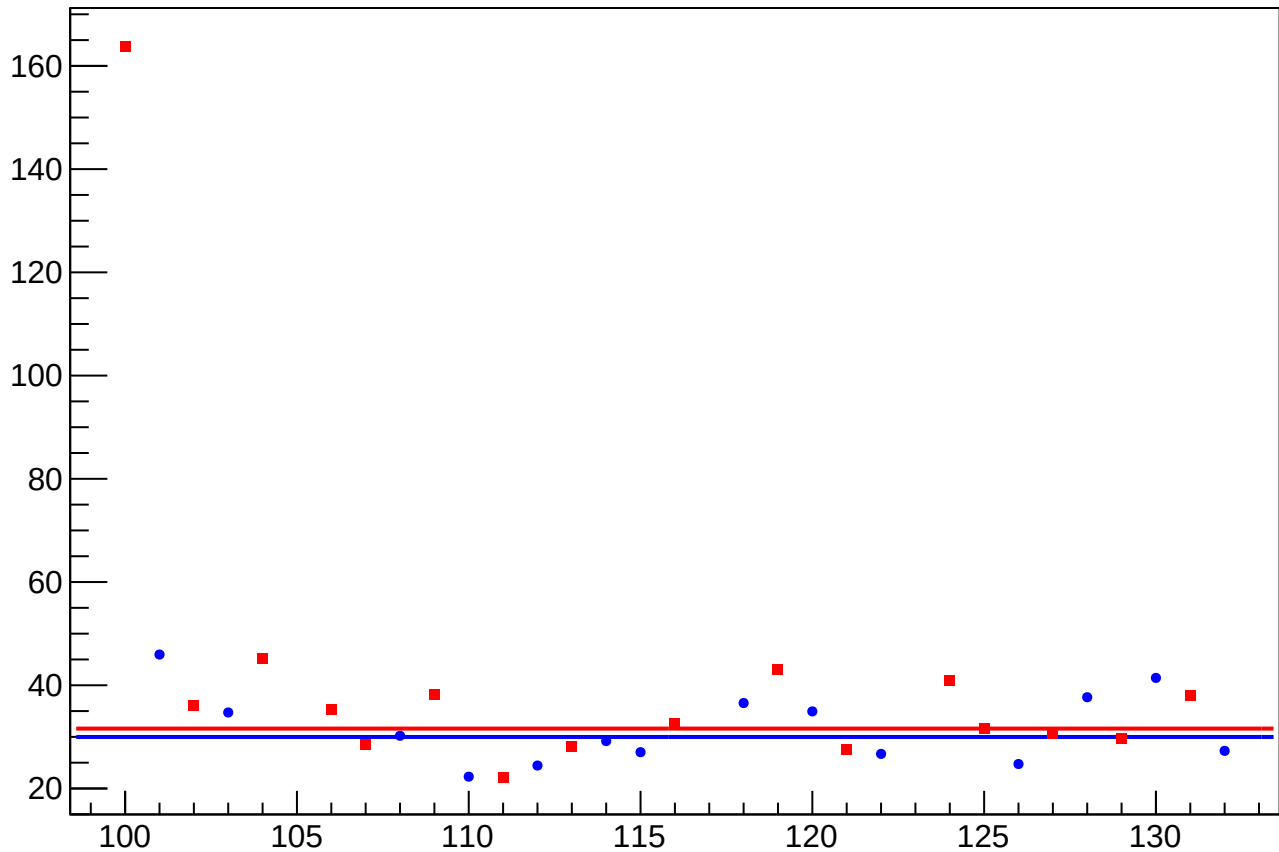
Right: -0.022 ± 0.009 χ^2/NDF : 32.9/29

In: -0.024 ± 0.013 χ^2/NDF : 16.7/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.022 ± 0.009 χ^2/NDF : 32.9/29

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.984+/-0.009 χ^2/NDF : 531978.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.607+/-0.009 χ^2/NDF : 551280.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

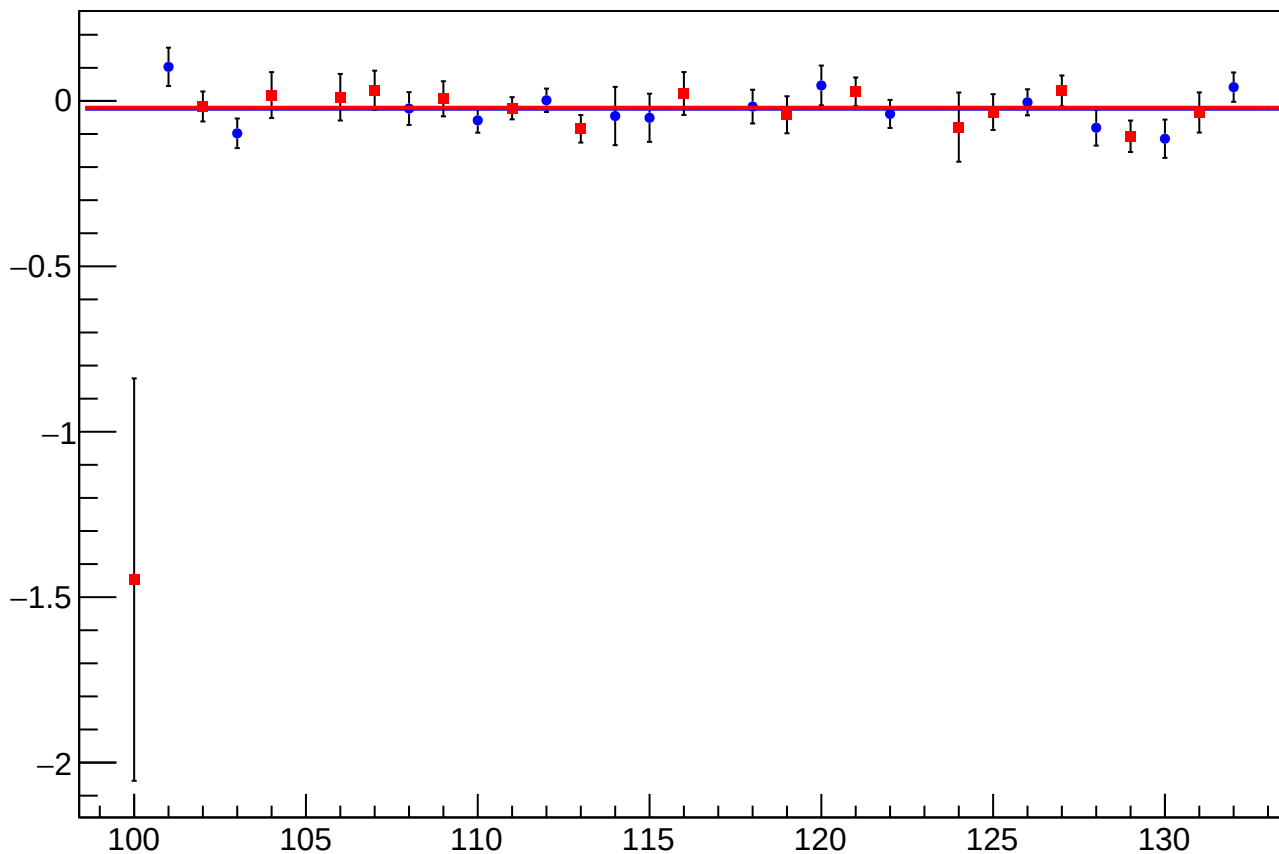
Right: 30.772+/-0.007 χ^2/NDF : 1098746.1/29

In: 29.984+/-0.009 χ^2/NDF : 531978.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.772+/-0.007 χ^2/NDF : 1098746.1/29

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024 ± 0.013 χ^2/NDF : 16.7/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.021 ± 0.013 χ^2/NDF : 16.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

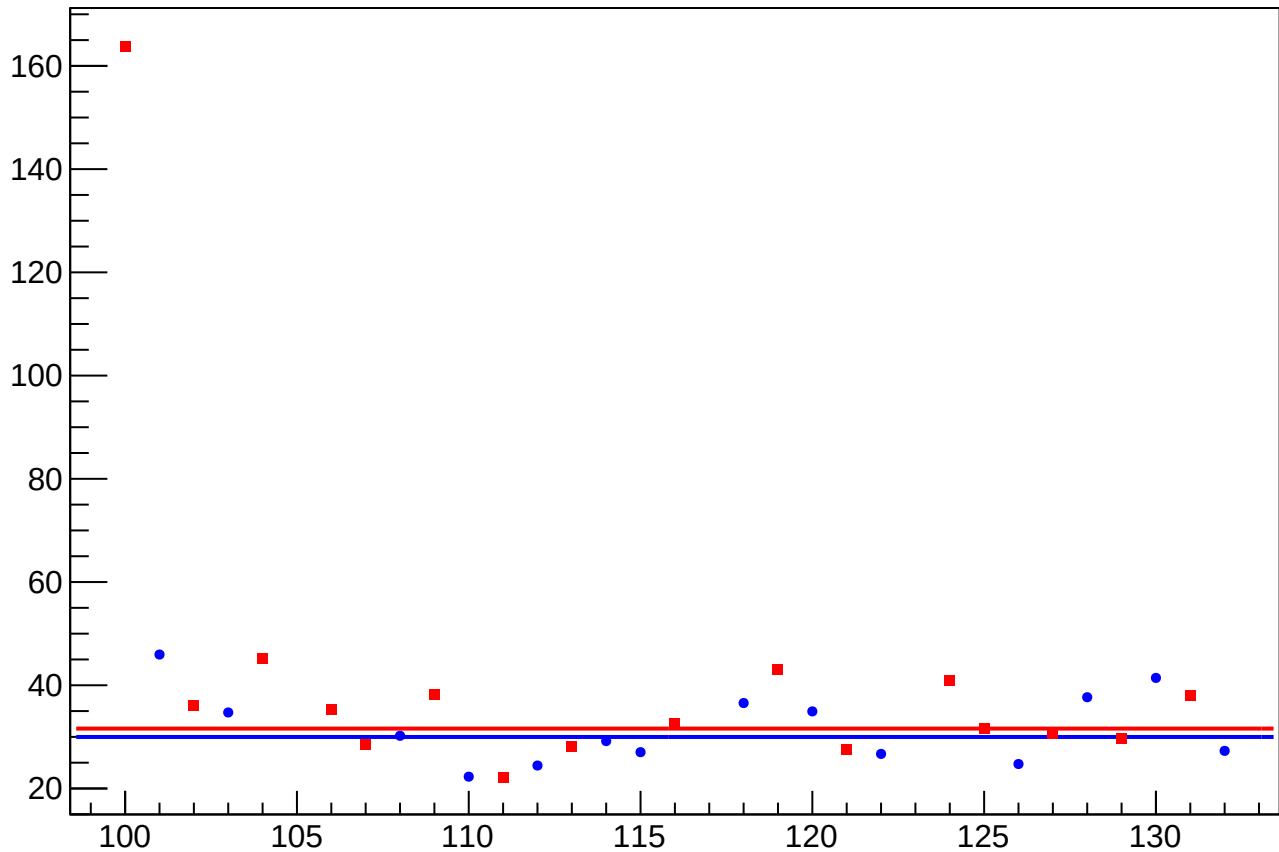
Right: -0.022 ± 0.009 χ^2/NDF : 32.9/29

In: -0.024 ± 0.013 χ^2/NDF : 16.7/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.022 ± 0.009 χ^2/NDF : 32.9/29

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.984+/-0.009 χ^2/NDF : 531978.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.607+/-0.009 χ^2/NDF : 551280.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

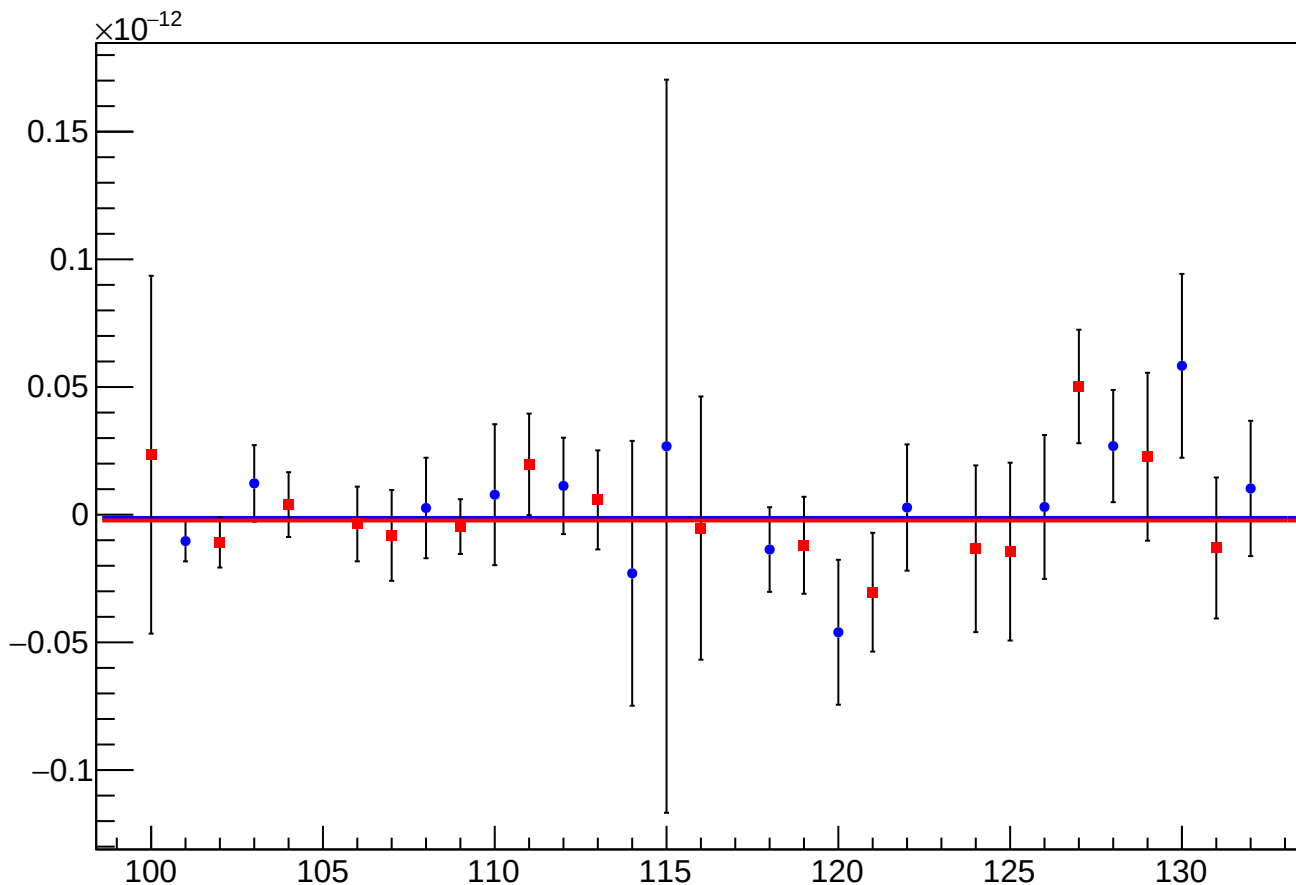
Right: 30.772+/-0.007 χ^2/NDF : 1098746.1/29

In: 29.984+/-0.009 χ^2/NDF : 531978.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.772+/-0.007 χ^2/NDF : 1098746.1/29

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

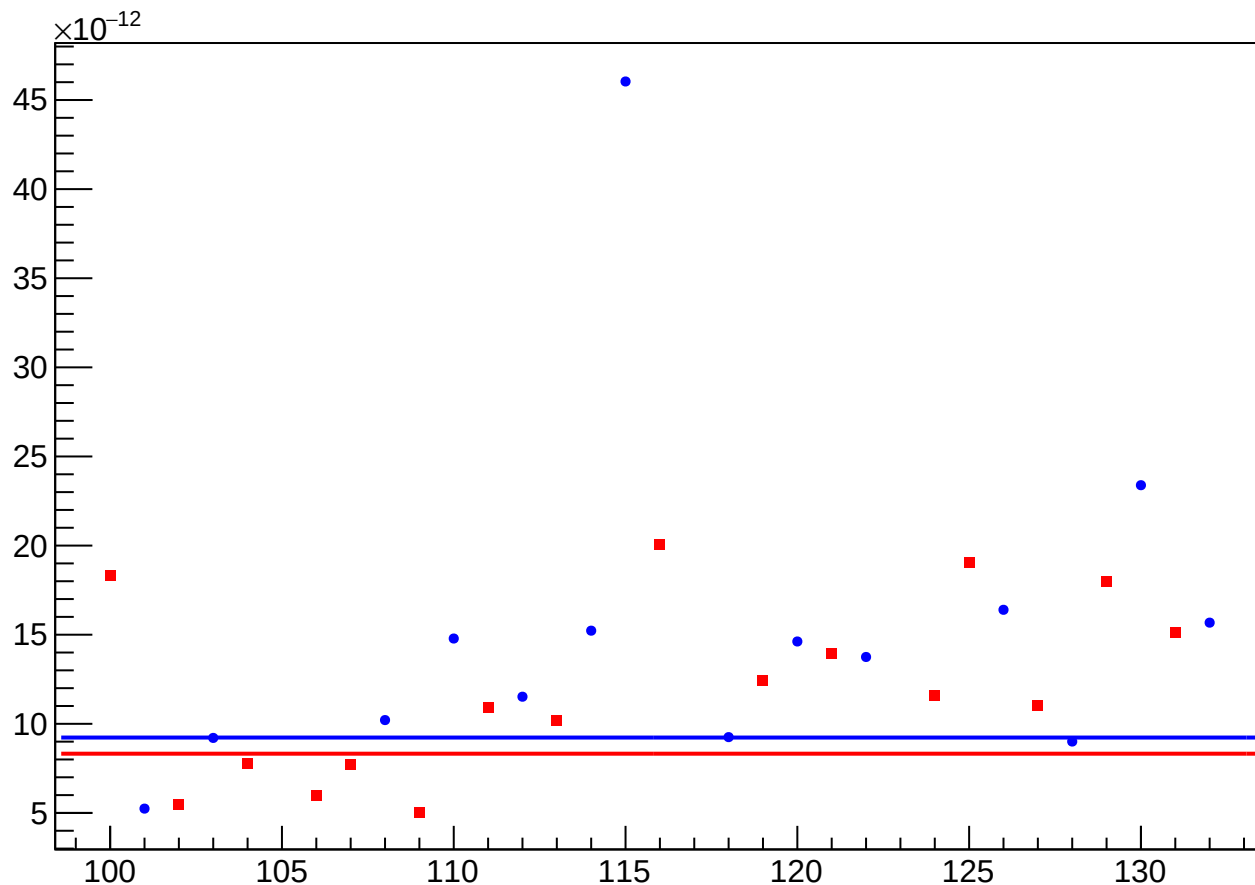
Right: -0.000+/-0.000 χ^2/NDF : 21.6/29

In: -0.000+/-0.000 χ^2/NDF : 10.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.6/29

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1472976.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1358040.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

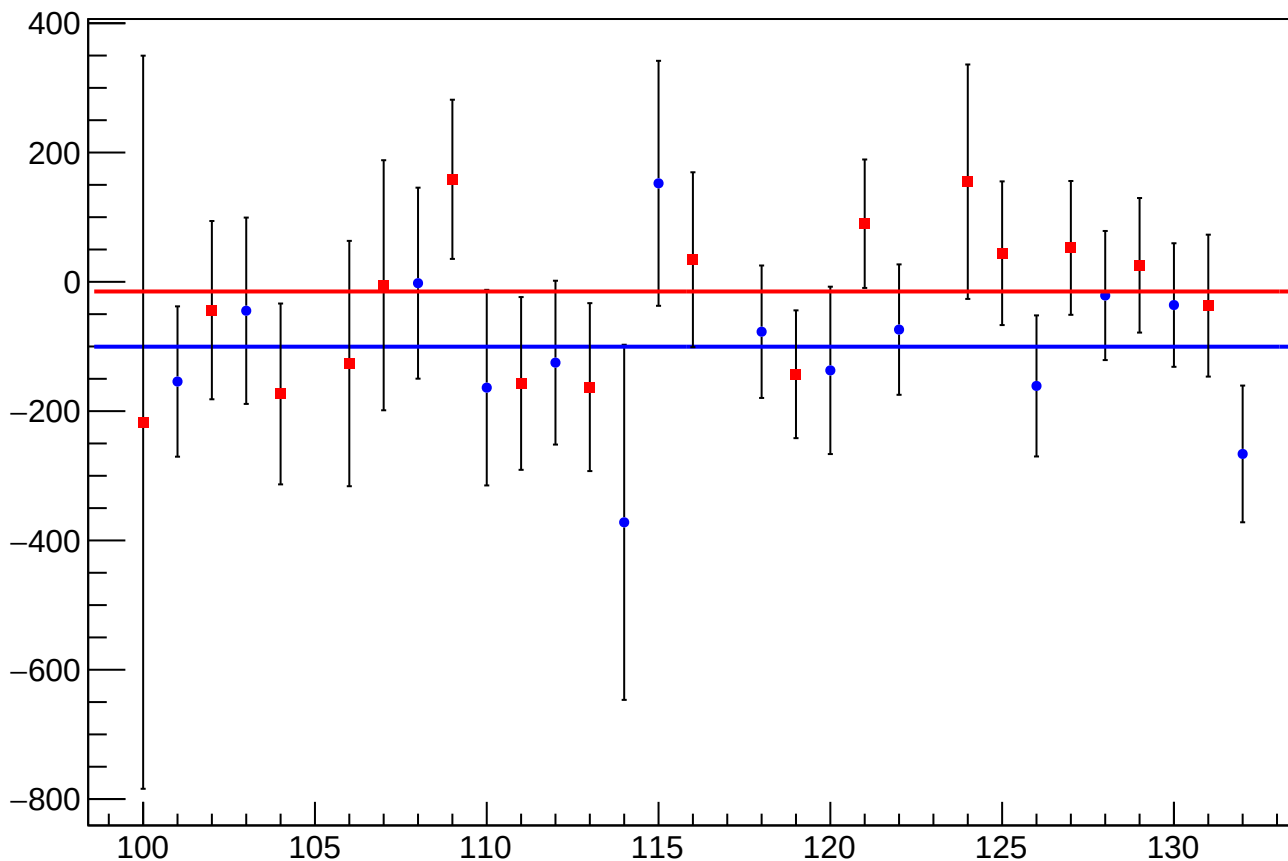
Right: 0.000+/-0.000 χ^2/NDF : 2867092.5/29

In: 0.000+/-0.000 χ^2/NDF : 1472976.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2867092.5/29

reg_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -100.311 $\pm$ 32.416 χ^2 /NDF: 7.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -14.925 $\pm$ 31.925 χ^2 /NDF: 10.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

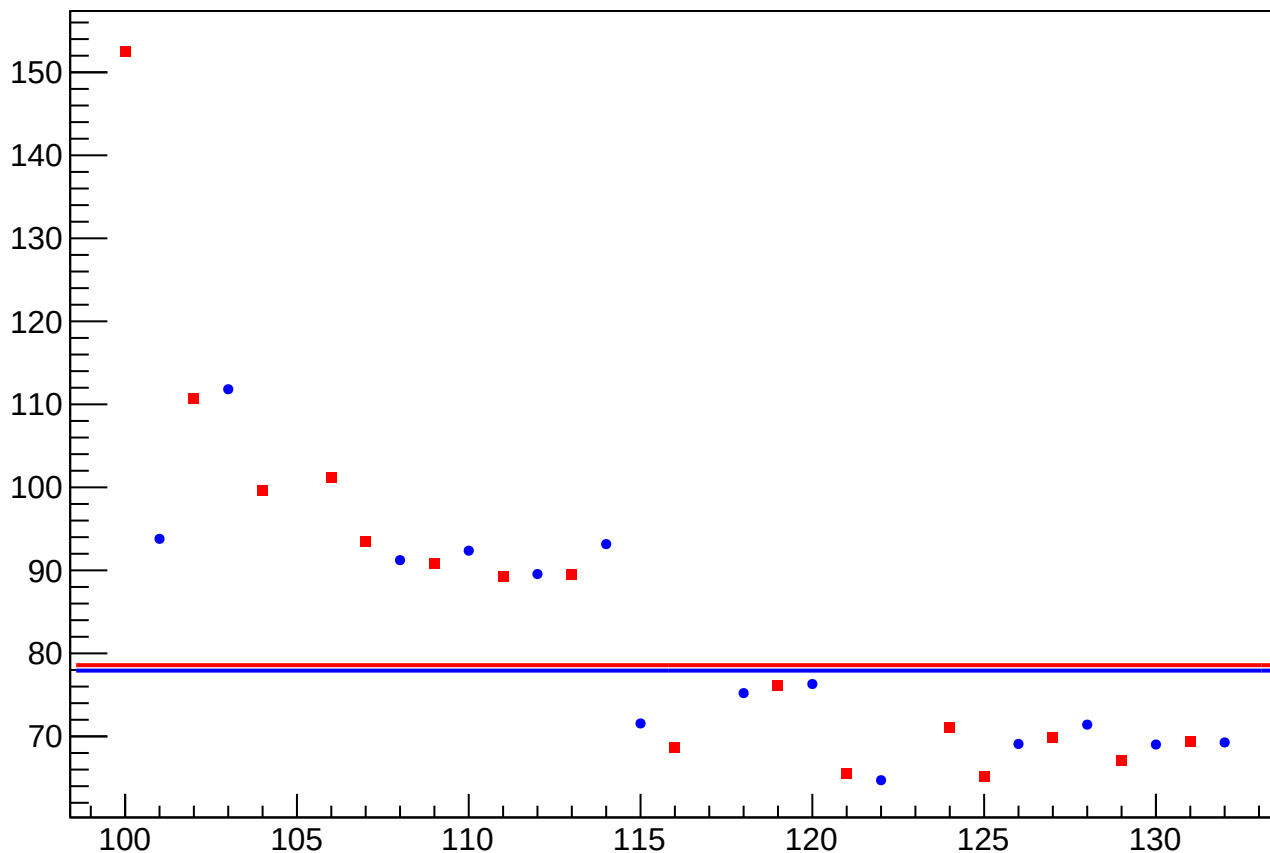
Right: -56.967 $\pm$ 22.746 χ^2 /NDF: 22.3/29

In: -100.311 $\pm$ 32.416 χ^2 /NDF: 7.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -56.967 $\pm$ 22.746 χ^2 /NDF: 22.3/29

reg_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 77.924+/-0.023 χ^2/NDF : 296069.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.580+/-0.023 χ^2/NDF : 406547.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

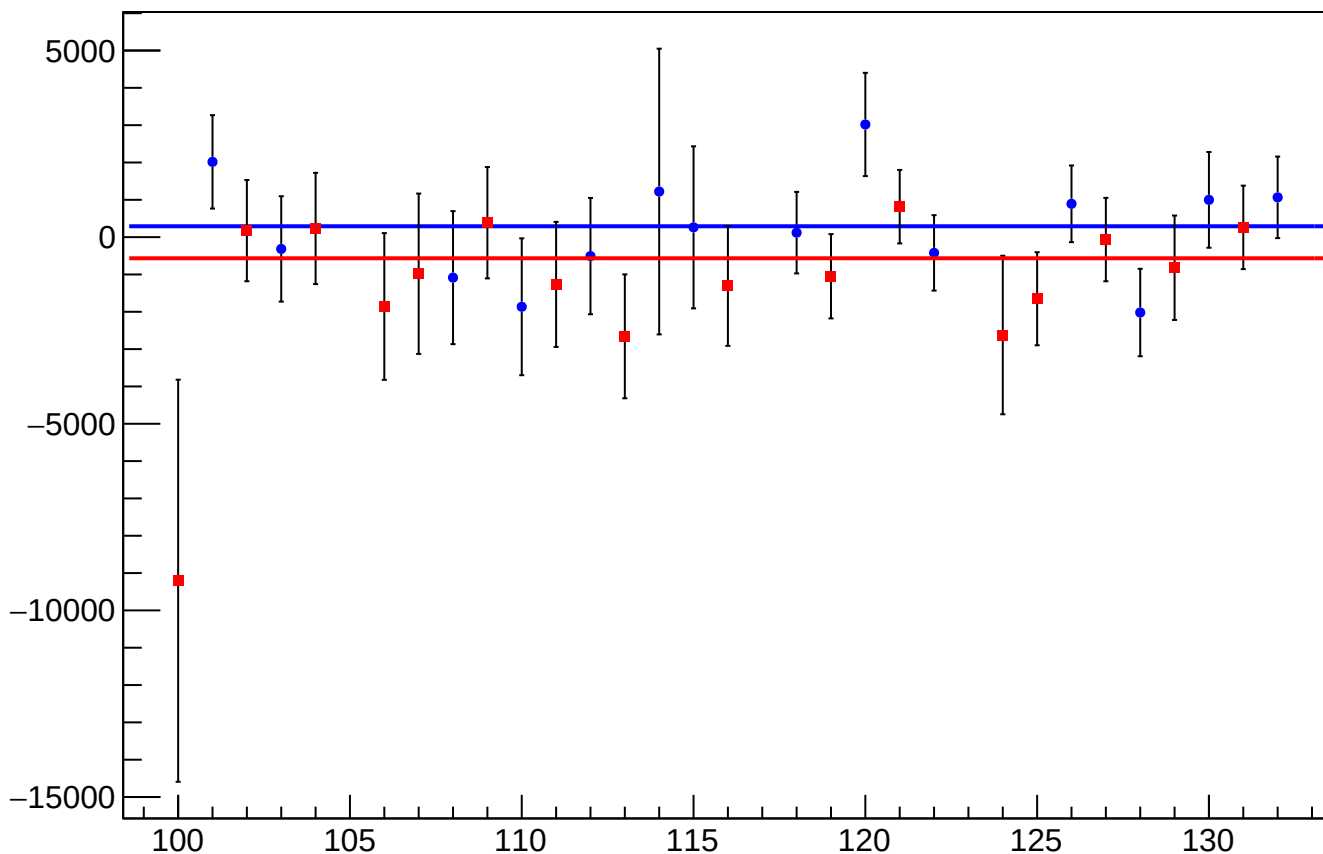
Right: 78.257+/-0.016 χ^2/NDF : 703032.5/29

In: 77.924+/-0.023 χ^2/NDF : 296069.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.257+/-0.016 χ^2/NDF : 703032.5/29

asym_sam_15_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 291.575+/-355.583 χ^2 /NDF: 13.8/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -566.031+/-356.826 χ^2 /NDF: 10.6/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

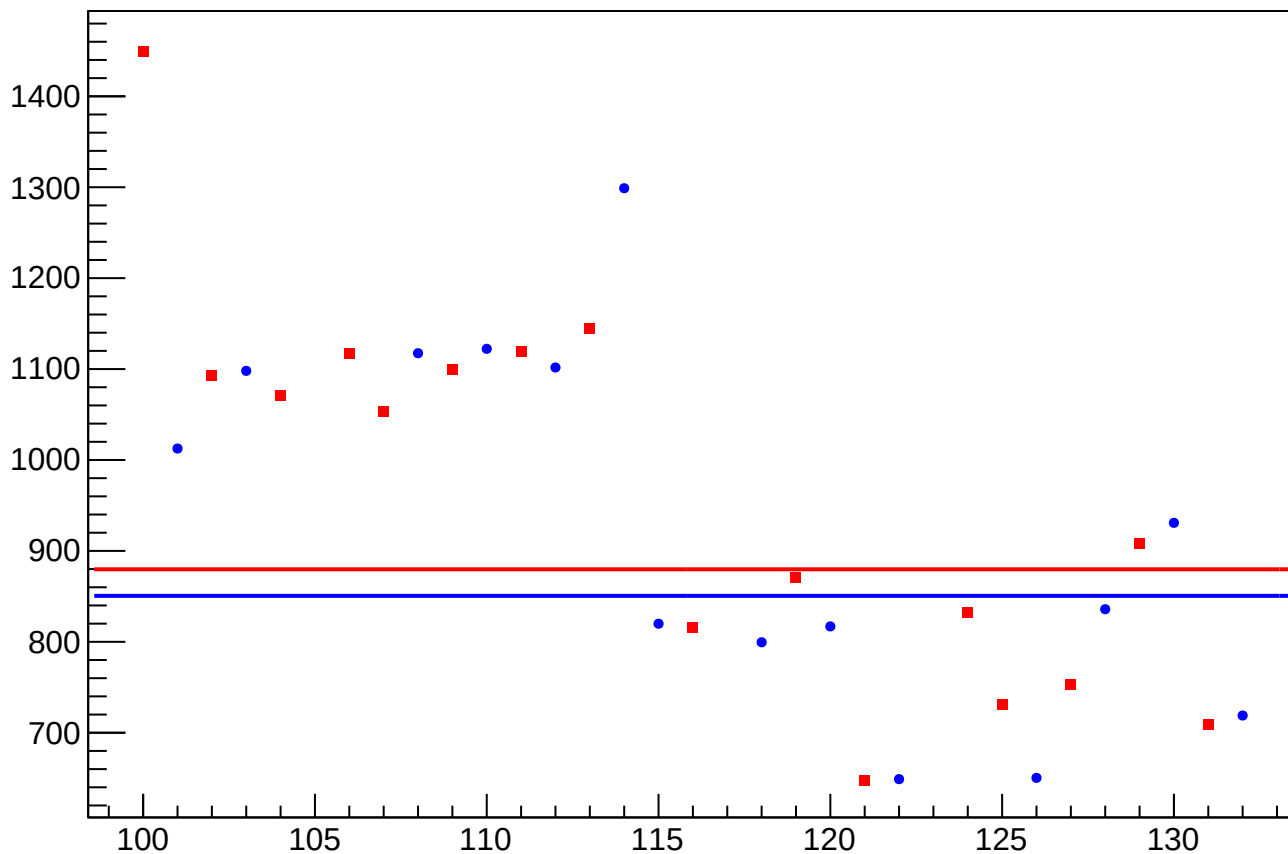
Right: -135.732+/-251.873 χ^2 /NDF: 27.4/29

In: 291.575+/-355.583 χ^2 /NDF:13.8/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -135.732+/-251.873 χ^2 /NDF: 27.4/29

asym_sam_15_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 850.580+/-0.251 χ^2/NDF : 461934.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 879.771+/-0.252 χ^2/NDF : 498820.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

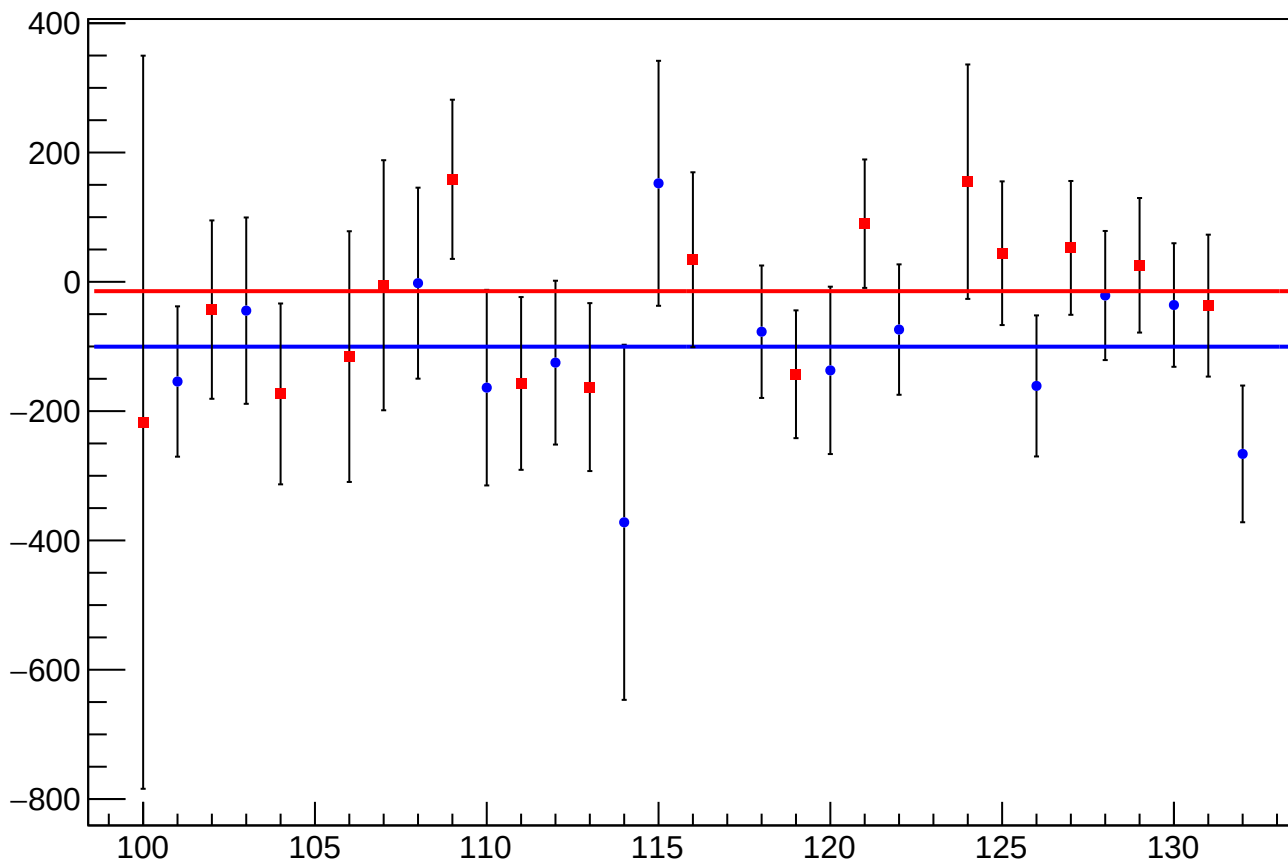
Right: 865.124+/-0.178 χ^2/NDF : 967470.9/29

In: 850.580+/-0.251 χ^2/NDF : 461934.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 865.124+/-0.178 χ^2/NDF : 967470.9/29

cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -100.302 $\pm$ 32.416 χ^2 /NDF: 7.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -14.453 $\pm$ 31.945 χ^2 /NDF: 10.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

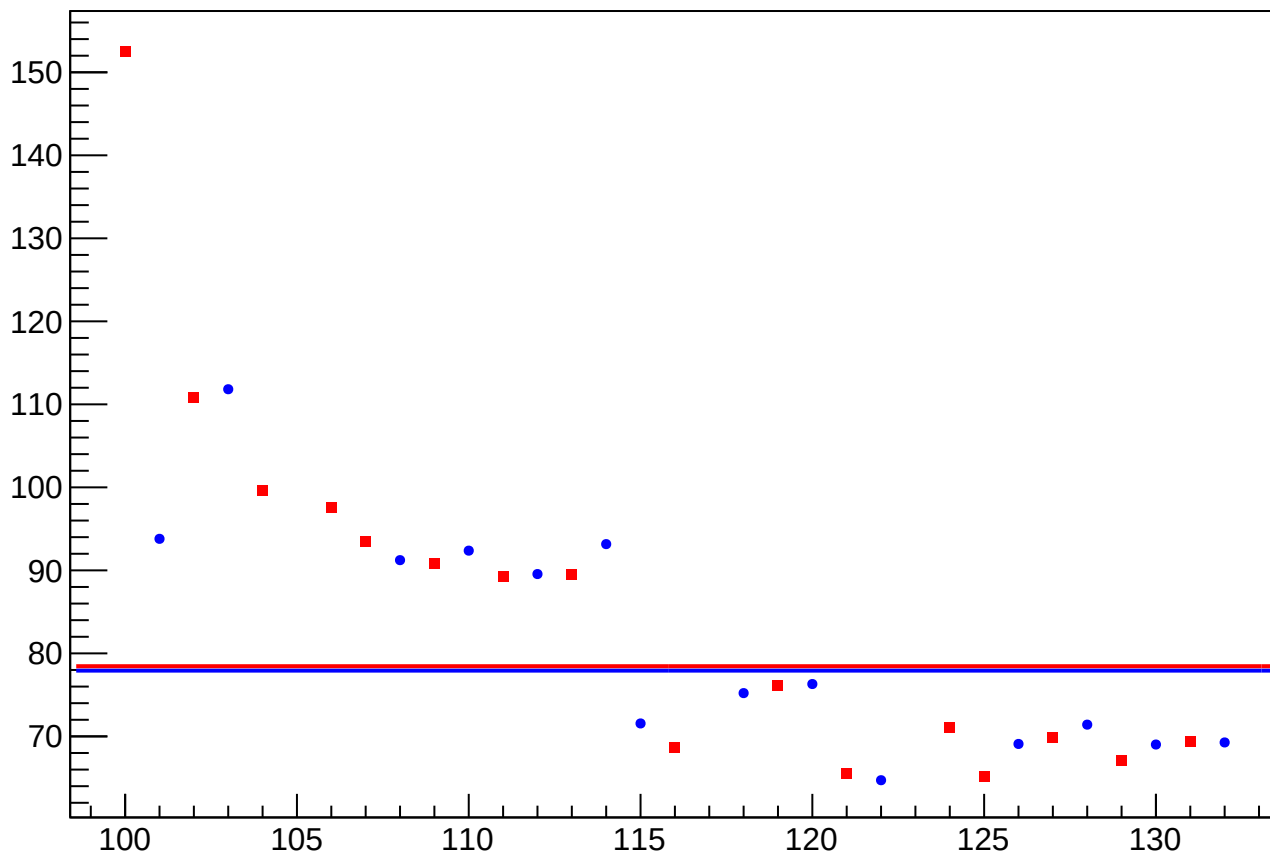
Right: -56.750 $\pm$ 22.753 χ^2 /NDF: 22.2/29

In: -100.302 $\pm$ 32.416 χ^2 /NDF:7.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -56.750 $\pm$ 22.753 χ^2 /NDF: 22.2/29

cor_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 77.924+/-0.023 χ^2/NDF : 296071.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.454+/-0.023 χ^2/NDF : 397429.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

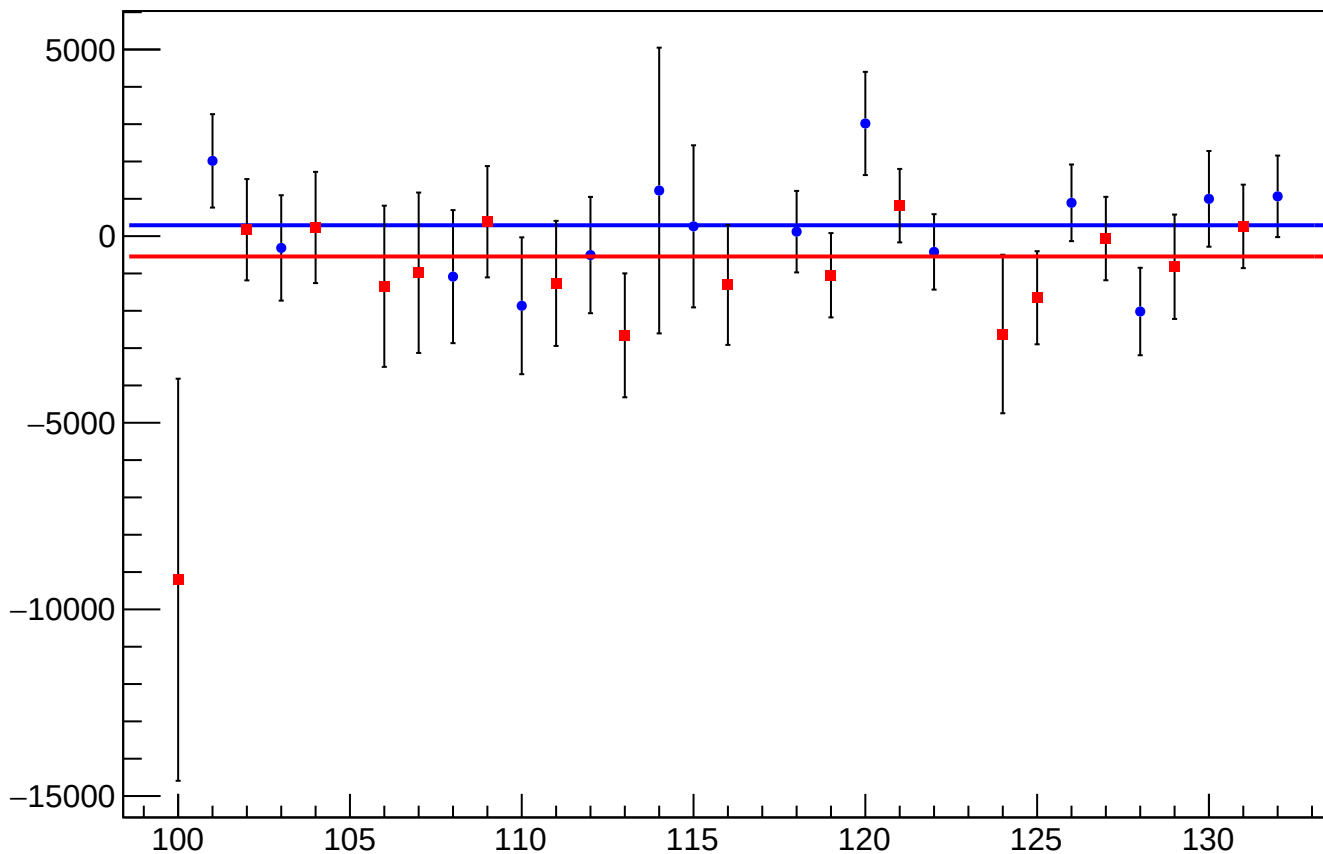
Right: 78.193+/-0.016 χ^2/NDF : 693772.4/29

In: 77.924+/-0.023 χ^2/NDF : 296071.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.193+/-0.016 χ^2/NDF : 693772.4/29

asym_sam_15_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 291.546 $\pm$ 355.584 χ^2 /NDF: 13.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -544.840 $\pm$ 357.854 χ^2 /NDF: 10.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

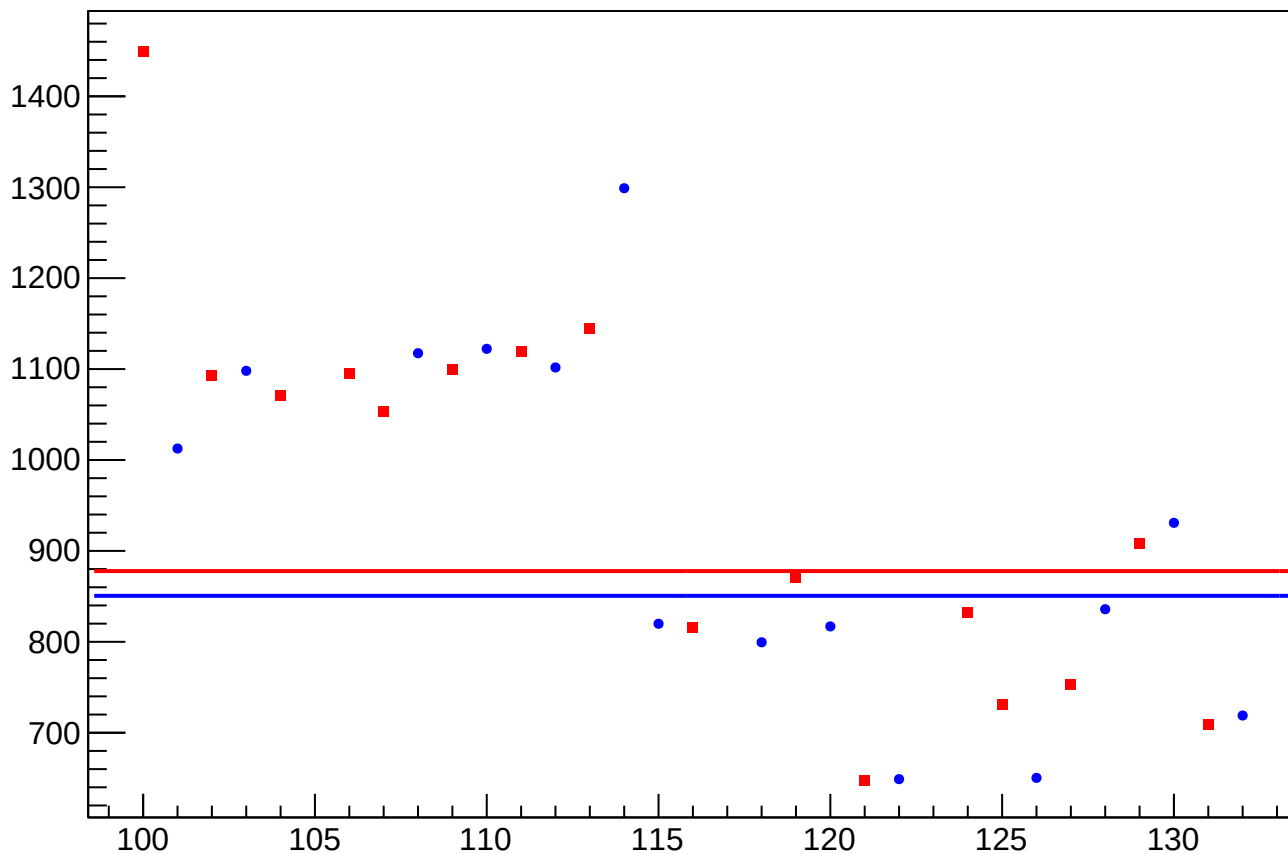
Right: -123.986 $\pm$ 252.234 χ^2 /NDF: 26.9/29

In: 291.546 $\pm$ 355.584 χ^2 /NDF:13.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -123.986 $\pm$ 252.234 χ^2 /NDF: 26.9/29

asym_sam_15_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 850.581+/-0.251 χ^2/NDF : 461958.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 877.820+/-0.253 χ^2/NDF : 489544.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

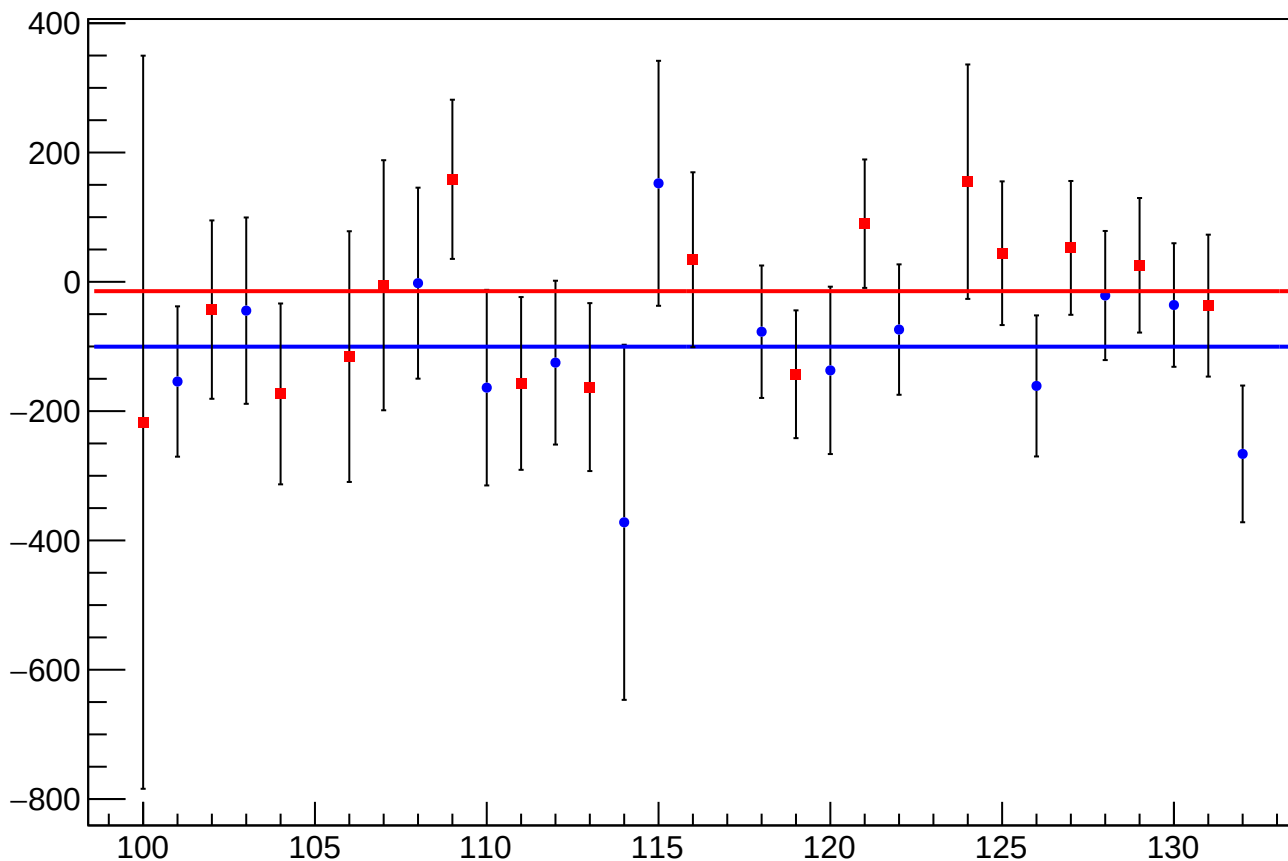
Right: 864.114+/-0.178 χ^2/NDF : 957333.0/29

In: 850.581+/-0.251 χ^2/NDF : 461958.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 864.114+/-0.178 χ^2/NDF : 957333.0/29

eigen_cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -100.302+/-32.416 χ^2/NDF : 7.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.453+/-31.945 χ^2/NDF : 10.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

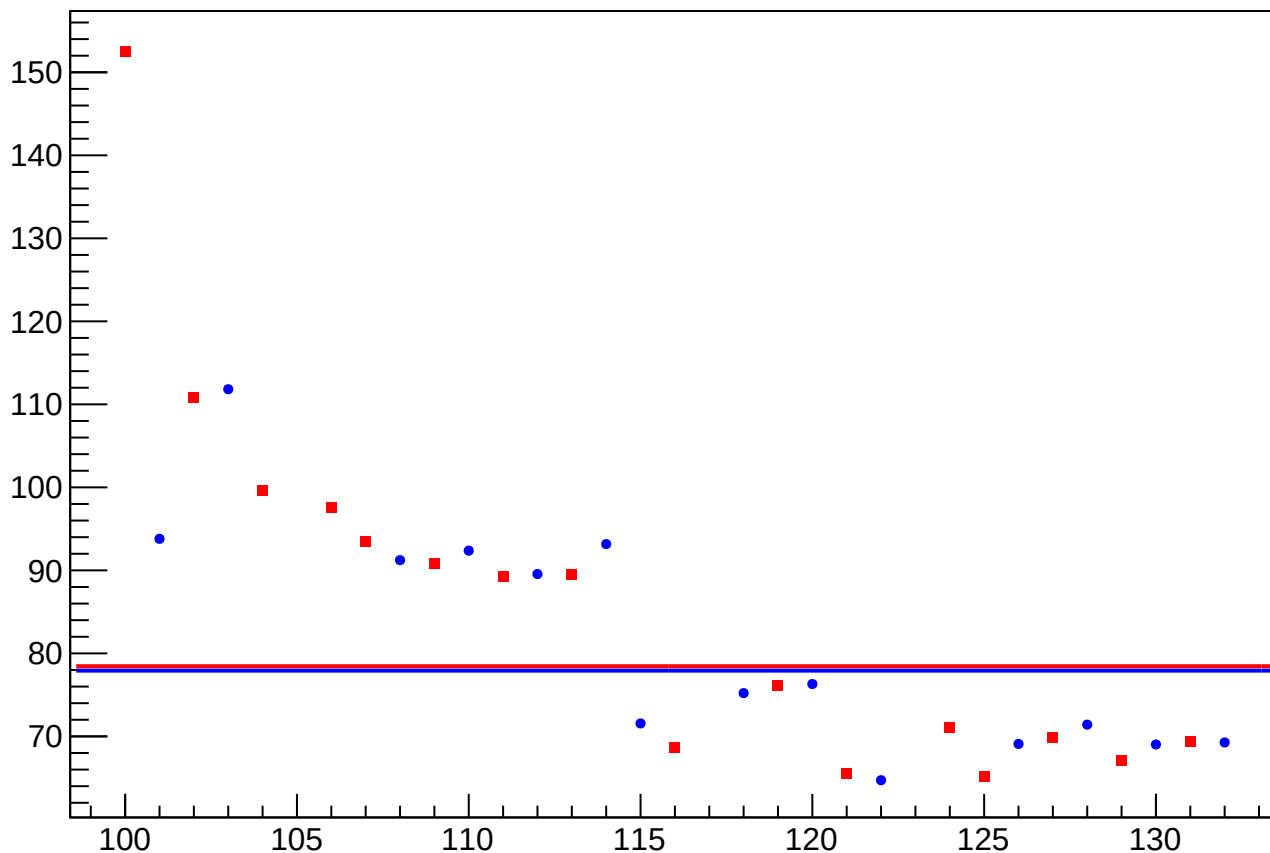
Right: -56.750+/-22.753 χ^2/NDF : 22.2/29

In: -100.302+/-32.416 χ^2/NDF : 7.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.750+/-22.753 χ^2/NDF : 22.2/29

eigen_cor_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 77.924+/-0.023 χ^2/NDF : 296071.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.454+/-0.023 χ^2/NDF : 397429.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

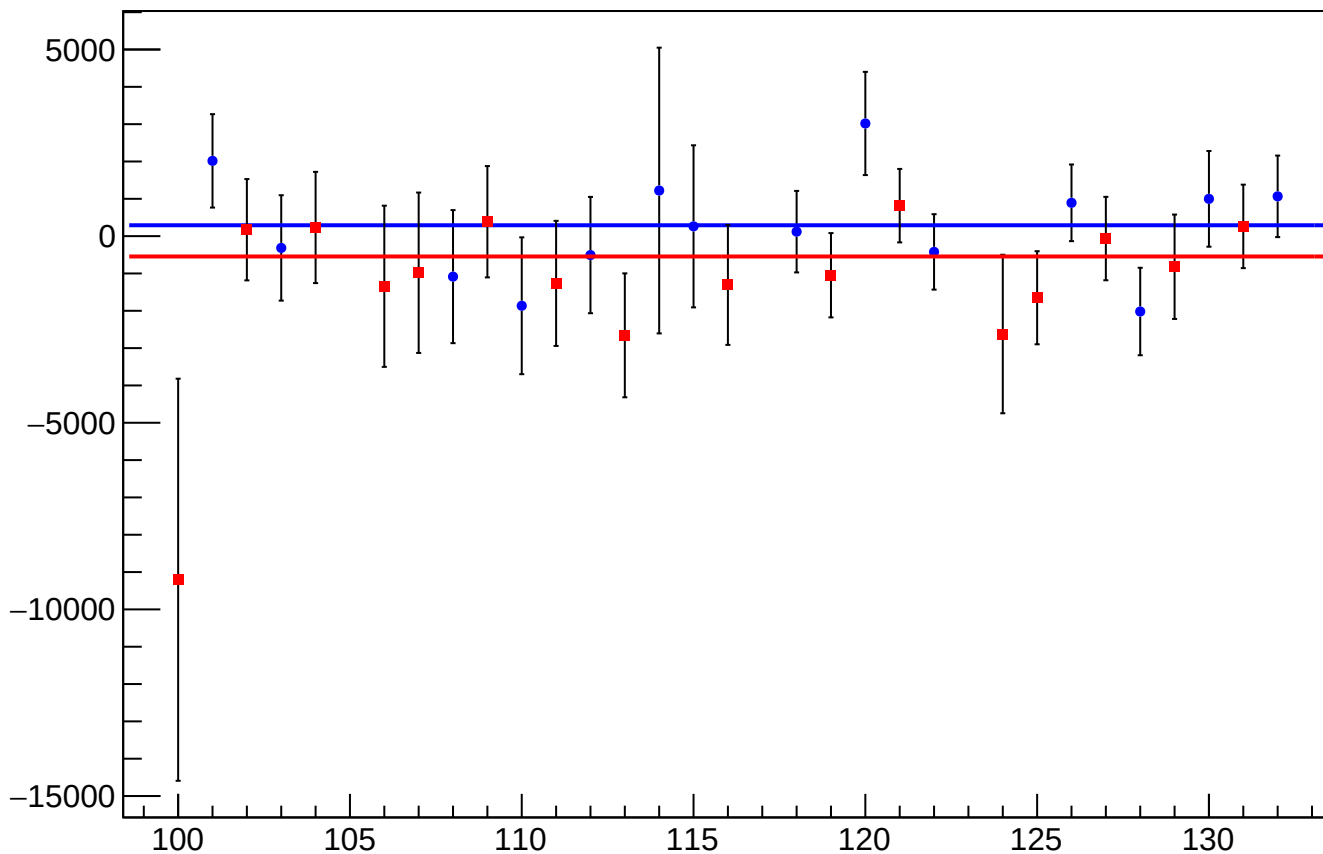
Right: 78.193+/-0.016 χ^2/NDF : 693772.4/29

In: 77.924+/-0.023 χ^2/NDF : 296071.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.193+/-0.016 χ^2/NDF : 693772.4/29

asym_sam_15_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 291.546 $\pm$ 355.584 χ^2 /NDF: 13.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -544.840 $\pm$ 357.854 χ^2 /NDF: 10.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

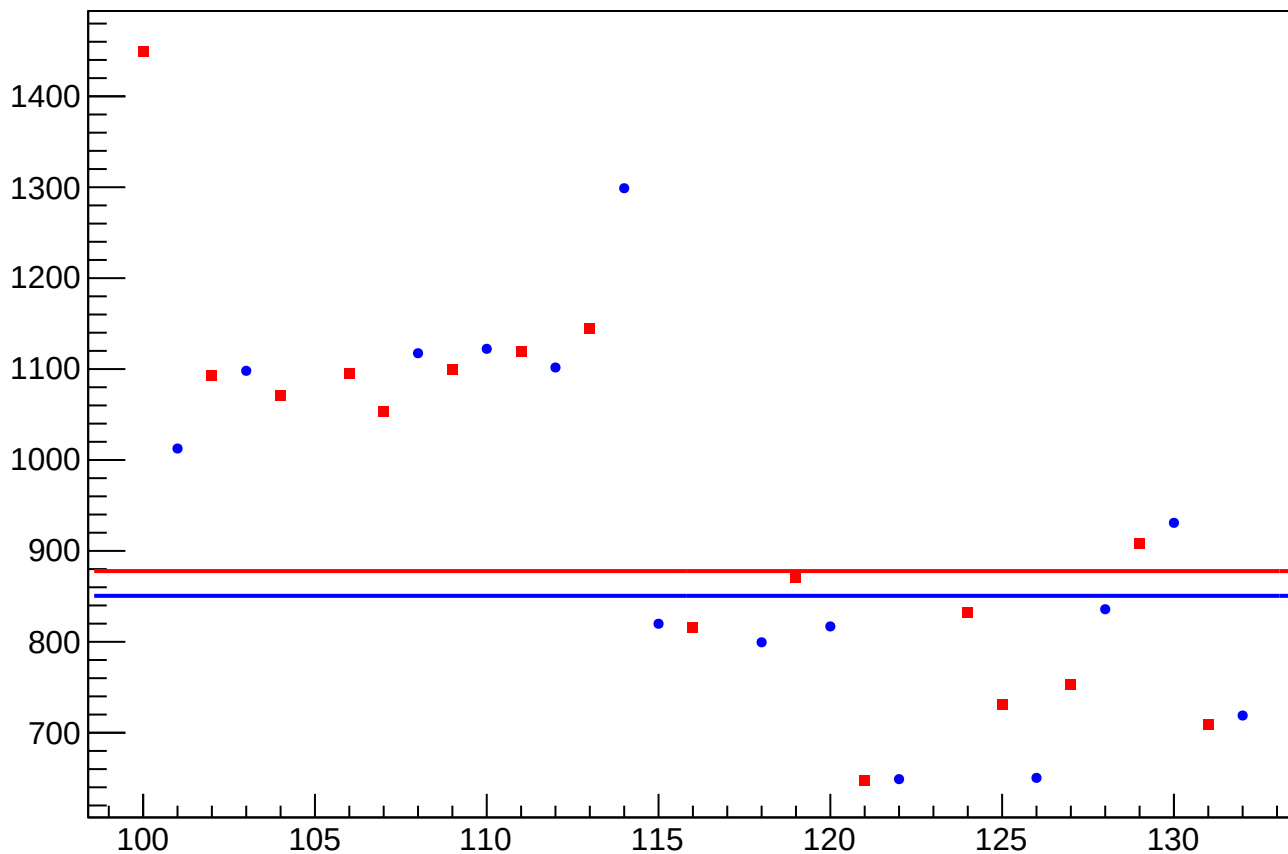
Right: -123.986 $\pm$ 252.234 χ^2 /NDF: 26.9/29

In: 291.546 $\pm$ 355.584 χ^2 /NDF:13.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -123.986 $\pm$ 252.234 χ^2 /NDF: 26.9/29

asym_sam_15_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 850.581+/-0.251 χ^2/NDF : 461958.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 877.820+/-0.253 χ^2/NDF : 489544.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

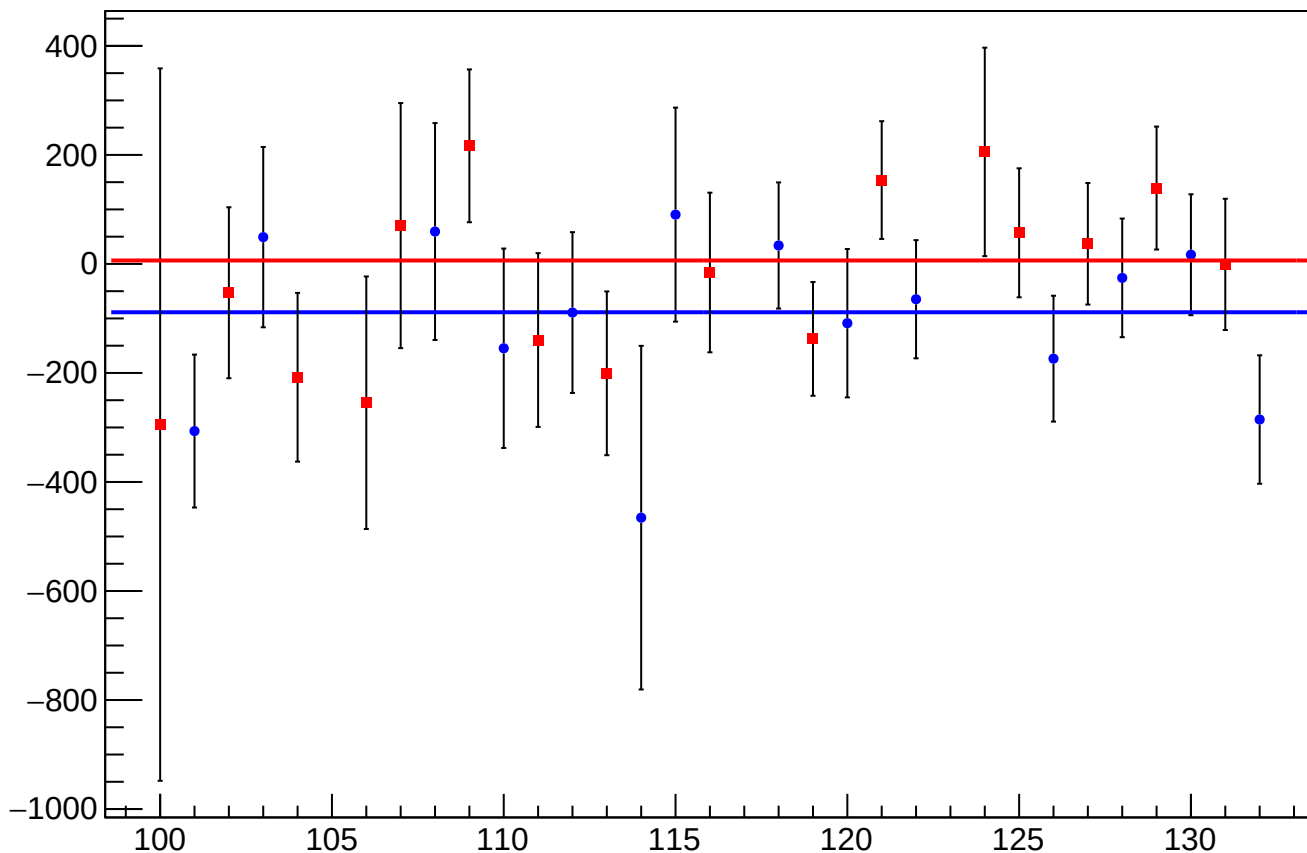
Right: 864.114+/-0.178 χ^2/NDF : 957333.0/29

In: 850.581+/-0.251 χ^2/NDF : 461958.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 864.114+/-0.178 χ^2/NDF : 957333.0/29

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -88.657+/-36.487 χ^2 /NDF: 11.8/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 6.361+/-35.163 χ^2 /NDF: 15.1/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

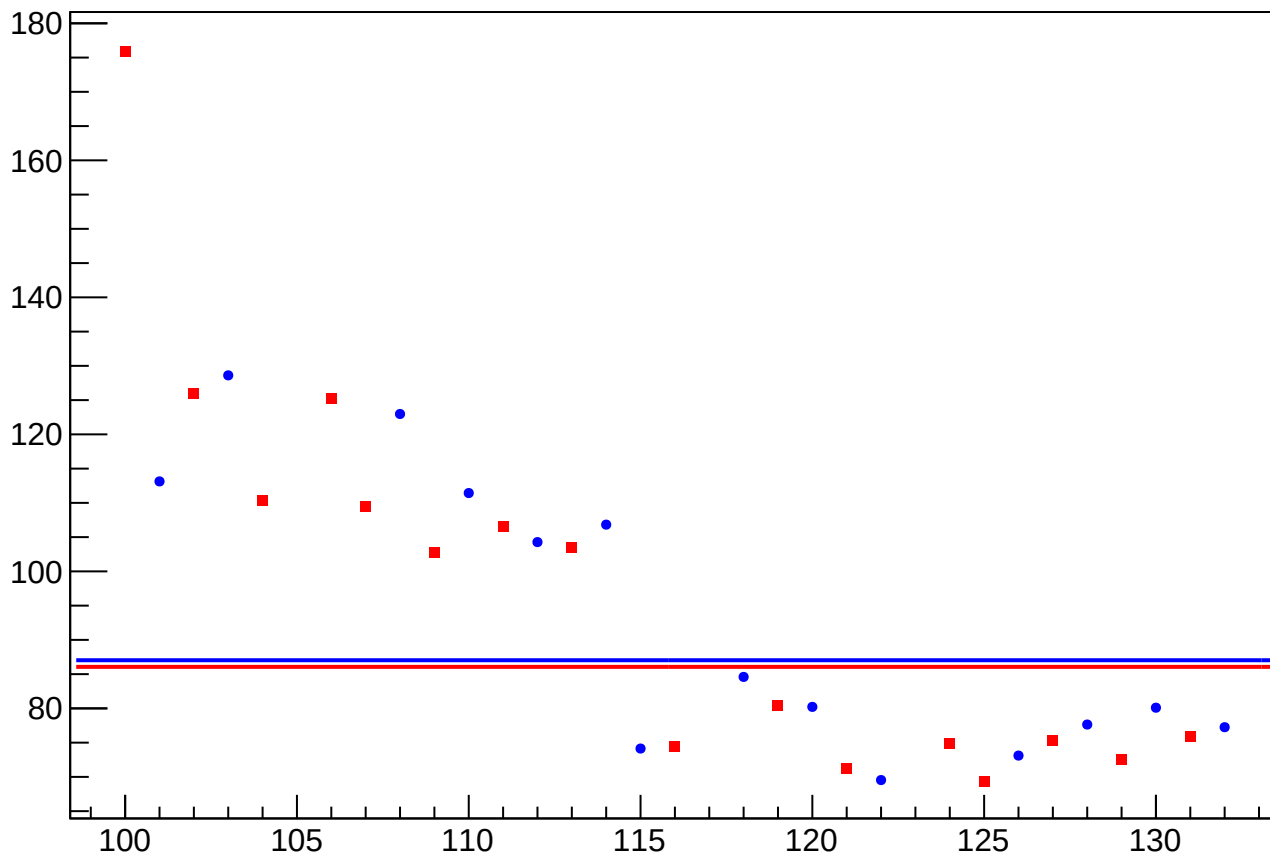
Right: -39.392+/-25.319 χ^2 /NDF: 30.5/29

In: -88.657+/-36.487 χ^2 /NDF:11.8/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -39.392+/-25.319 χ^2 /NDF: 30.5/29

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 87.029+/-0.026 χ^2/NDF : 463885.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.060+/-0.025 χ^2/NDF : 548111.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

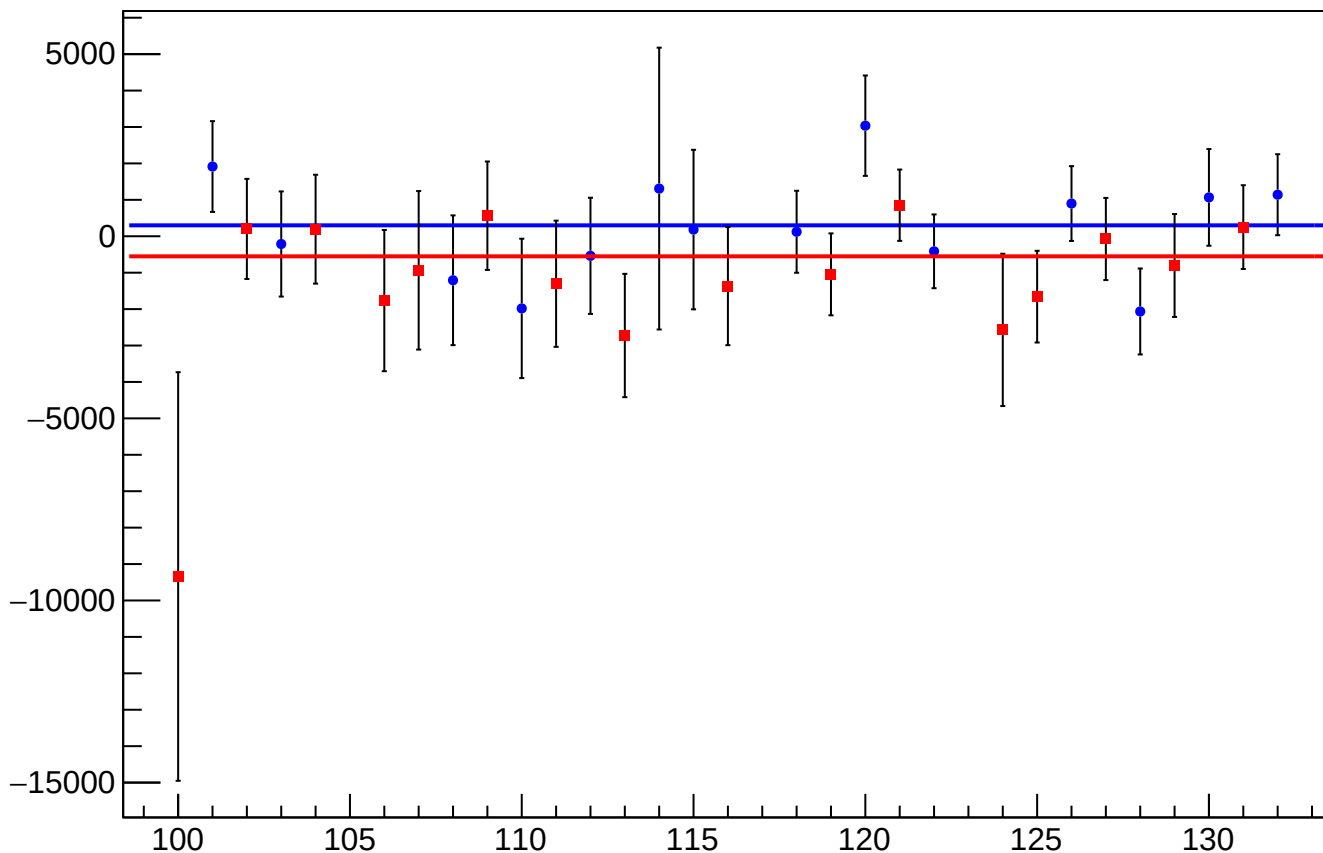
Right: 86.527+/-0.018 χ^2/NDF : 1012727.1/29

In: 87.029+/-0.026 χ^2/NDF : 463885.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.527+/-0.018 χ^2/NDF : 1012727.1/29

asym_sam_15_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 299.901 $\pm$ 360.007 χ^2 /NDF: 14.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -551.171 $\pm$ 359.507 χ^2 /NDF: 10.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

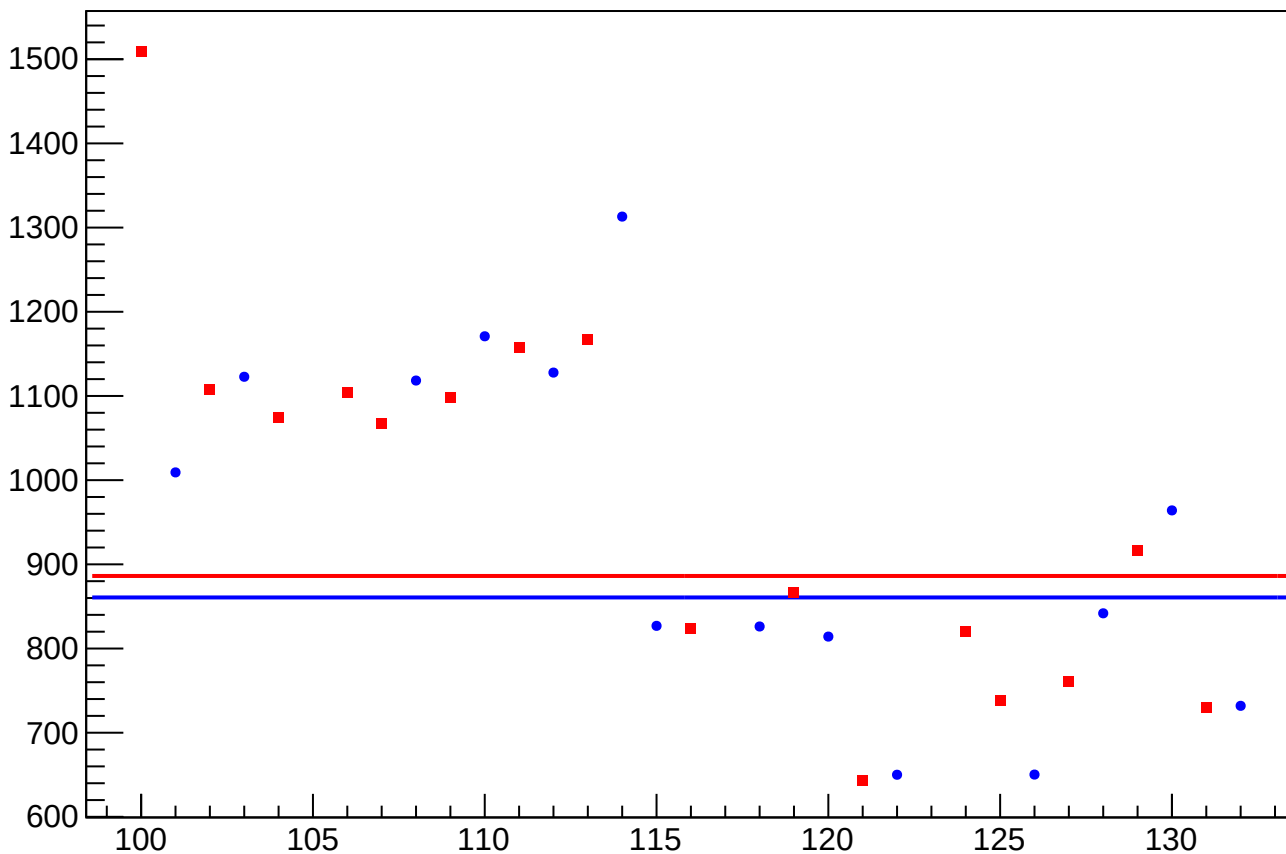
Right: -126.226 $\pm$ 254.387 χ^2 /NDF: 27.6/29

In: 299.901 $\pm$ 360.007 χ^2 /NDF:14.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -126.226 $\pm$ 254.387 χ^2 /NDF: 27.6/29

asym_sam_15_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 860.673+/-0.255 χ^2/NDF : 486819.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 886.189+/-0.254 χ^2/NDF : 511022.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

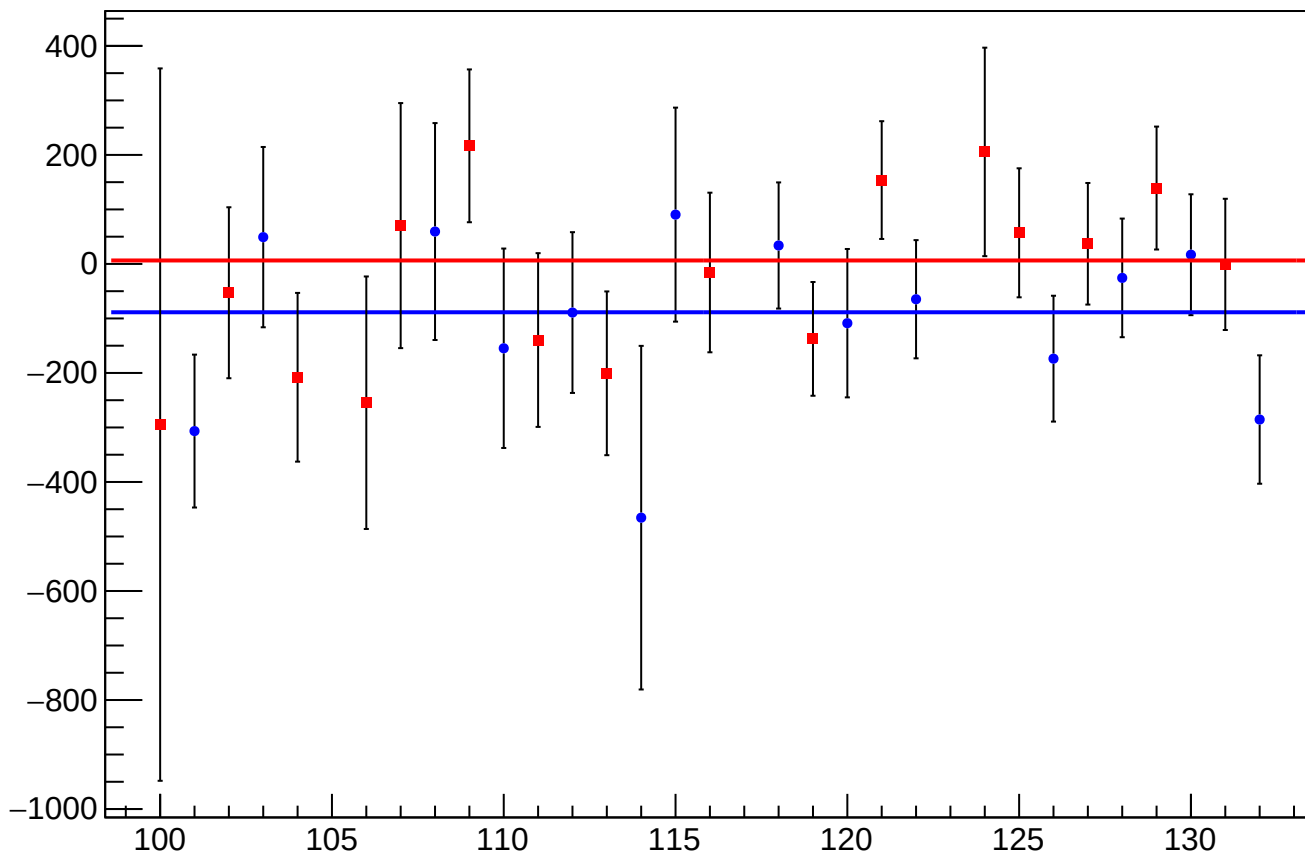
Right: 873.449+/-0.180 χ^2/NDF : 1002872.8/29

In: 860.673+/-0.255 χ^2/NDF : 486819.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 873.449+/-0.180 χ^2/NDF : 1002872.8/29

eigen_dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -88.657+/-36.487 χ^2 /NDF: 11.8/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 6.361+/-35.163 χ^2 /NDF: 15.1/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

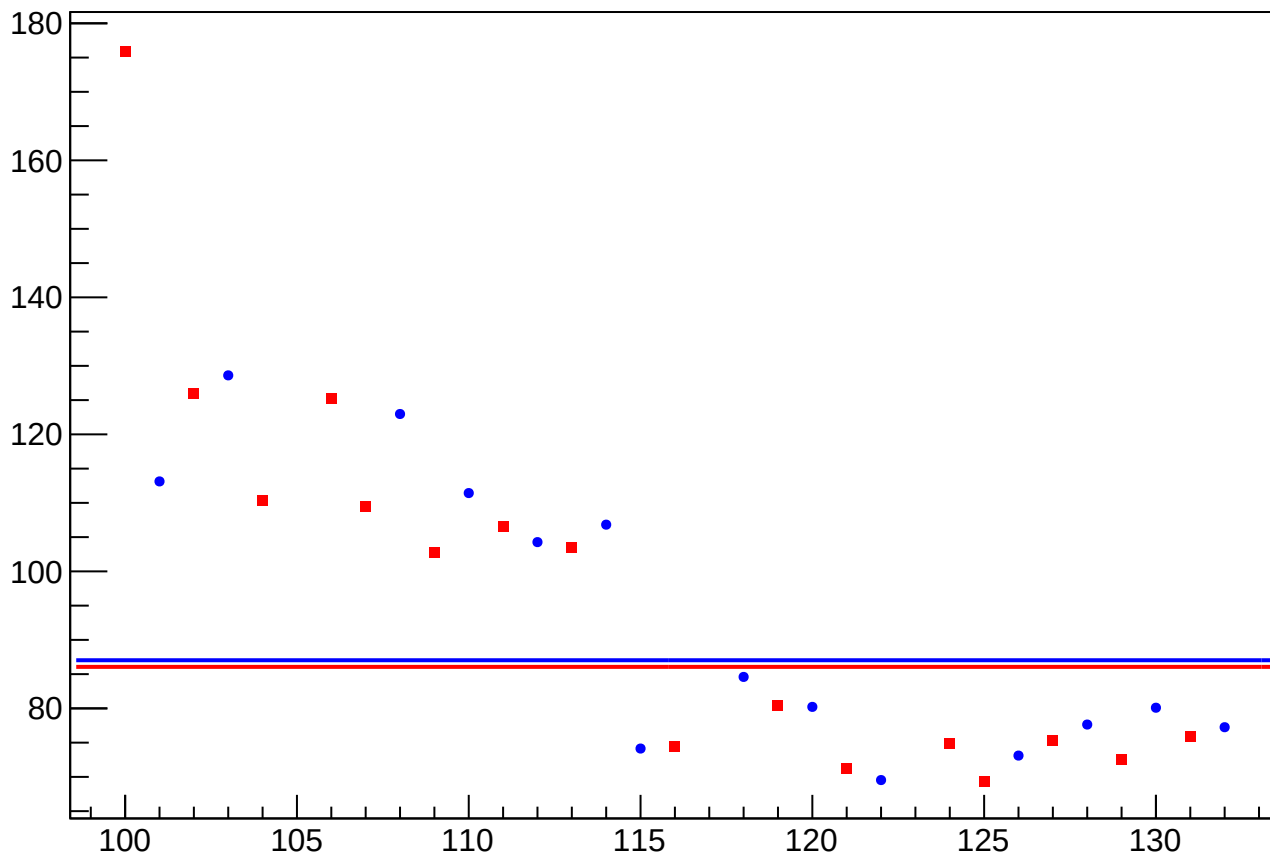
Right: -39.392+/-25.319 χ^2 /NDF: 30.5/29

In: -88.657+/-36.487 χ^2 /NDF:11.8/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -39.392+/-25.319 χ^2 /NDF: 30.5/29

eigen_dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 87.028+/-0.026 χ^2/NDF : 463880.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.060+/-0.025 χ^2/NDF : 548100.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

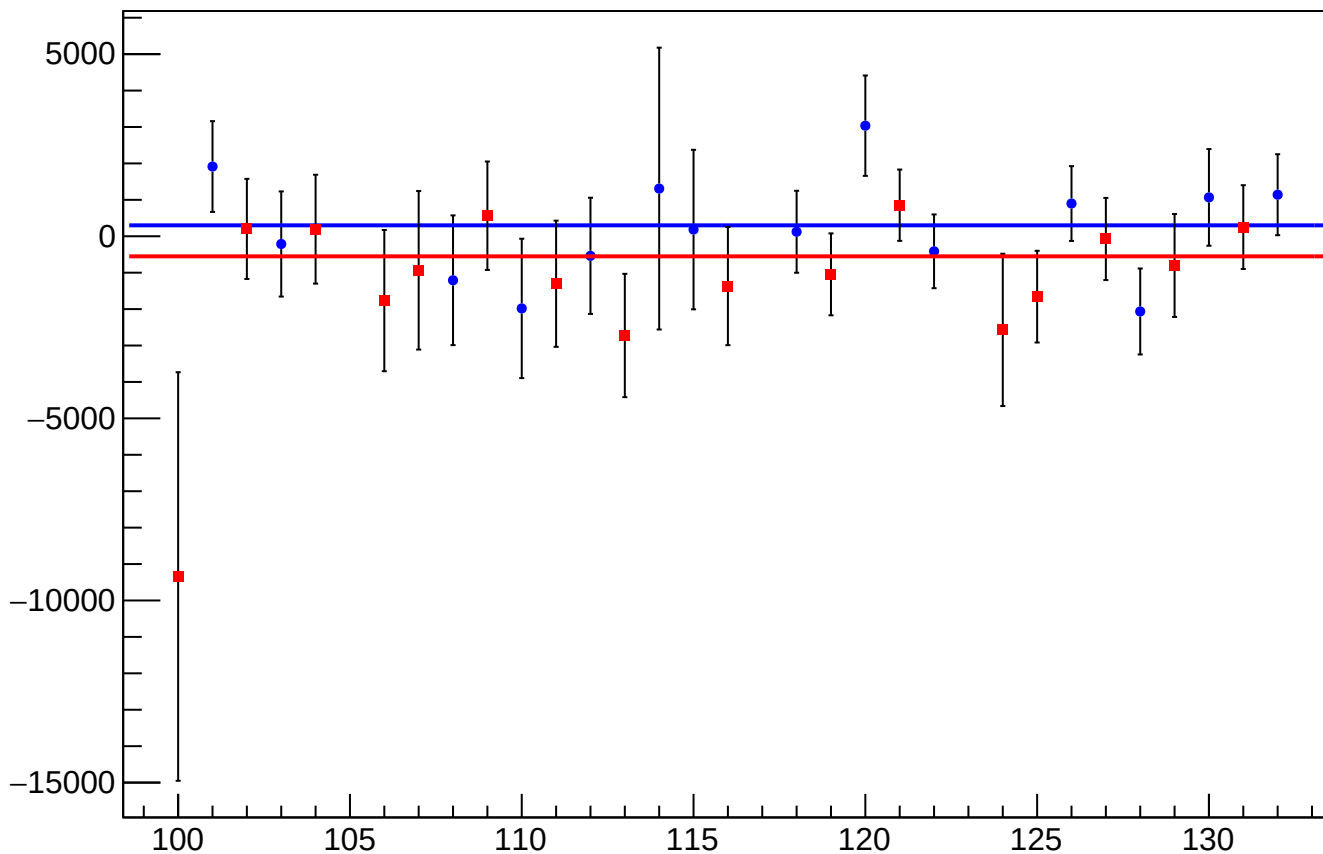
Right: 86.526+/-0.018 χ^2/NDF : 1012711.0/29

In: 87.028+/-0.026 χ^2/NDF : 463880.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.526+/-0.018 χ^2/NDF : 1012711.0/29

asym_sam_15_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 299.901 $\pm$ 360.006 χ^2 /NDF: 14.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -551.170 $\pm$ 359.506 χ^2 /NDF: 10.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

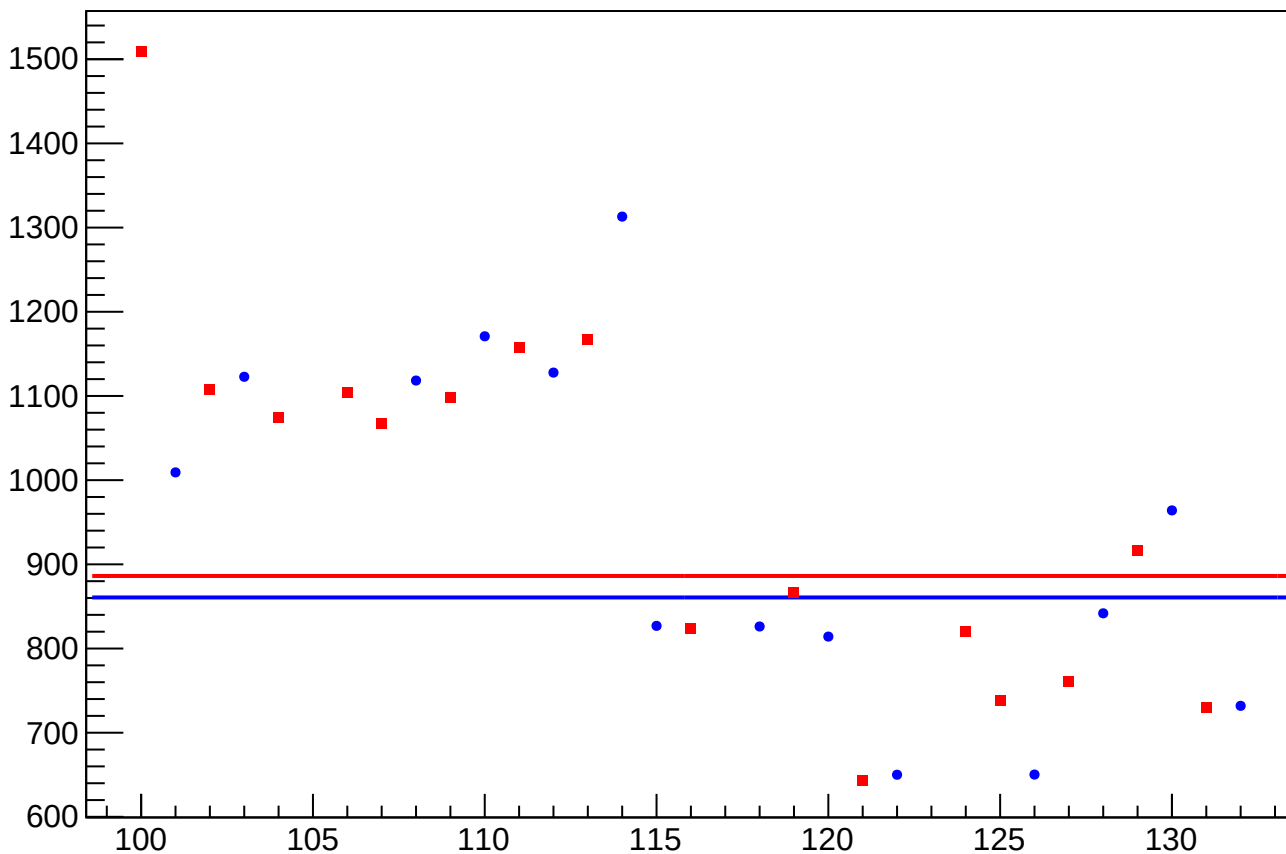
Right: -126.225 $\pm$ 254.386 χ^2 /NDF: 27.6/29

In: 299.901 $\pm$ 360.006 χ^2 /NDF:14.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -126.225 $\pm$ 254.386 χ^2 /NDF: 27.6/29

asym_sam_15_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 860.671+/-0.255 χ^2/NDF : 486813.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 886.186+/-0.254 χ^2/NDF : 511017.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

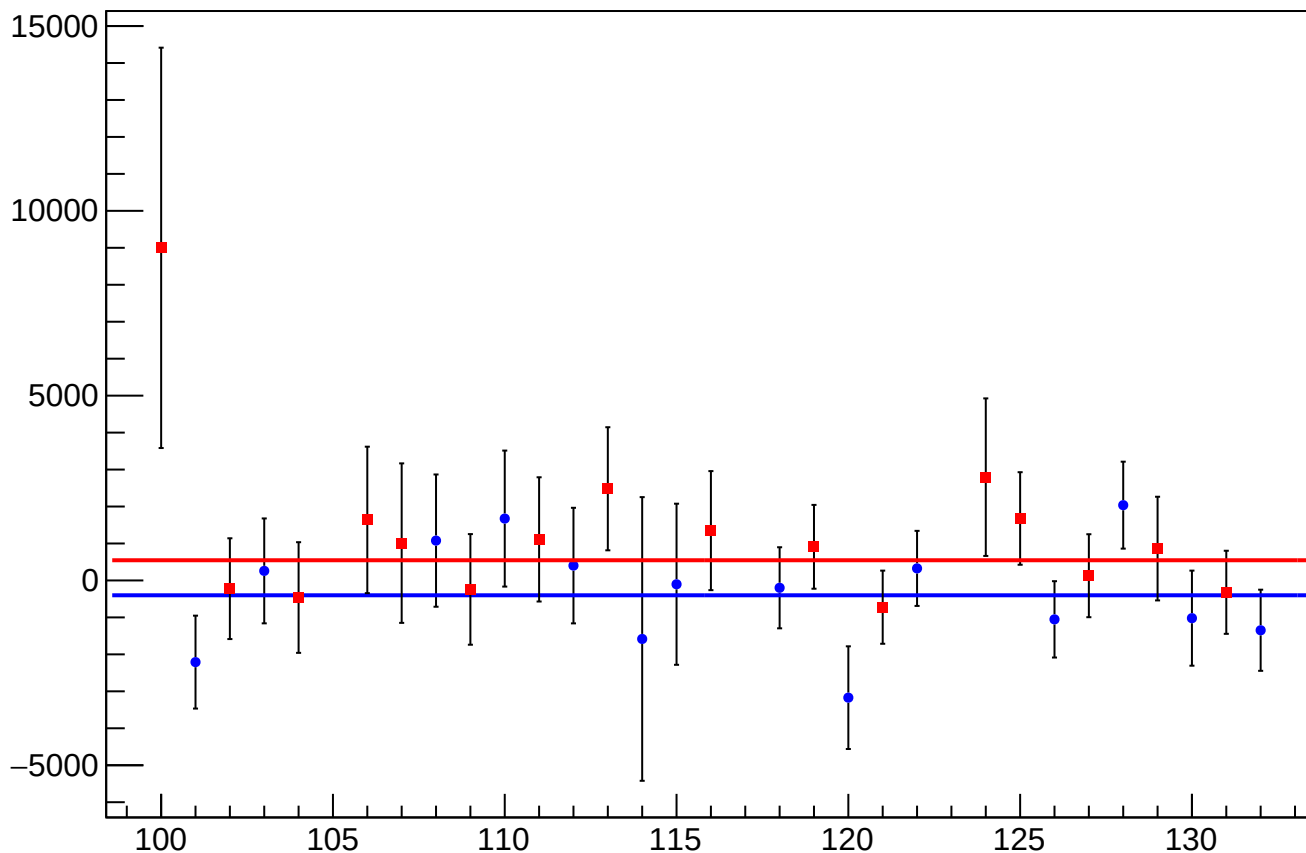
Right: 873.446+/-0.180 χ^2/NDF : 1002861.4/29

In: 860.671+/-0.255 χ^2/NDF : 486813.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 873.446+/-0.180 χ^2/NDF : 1002861.4/29

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -401.437+/-357.184 χ^2/NDF : 14.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 546.311+/-358.397 χ^2/NDF : 10.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

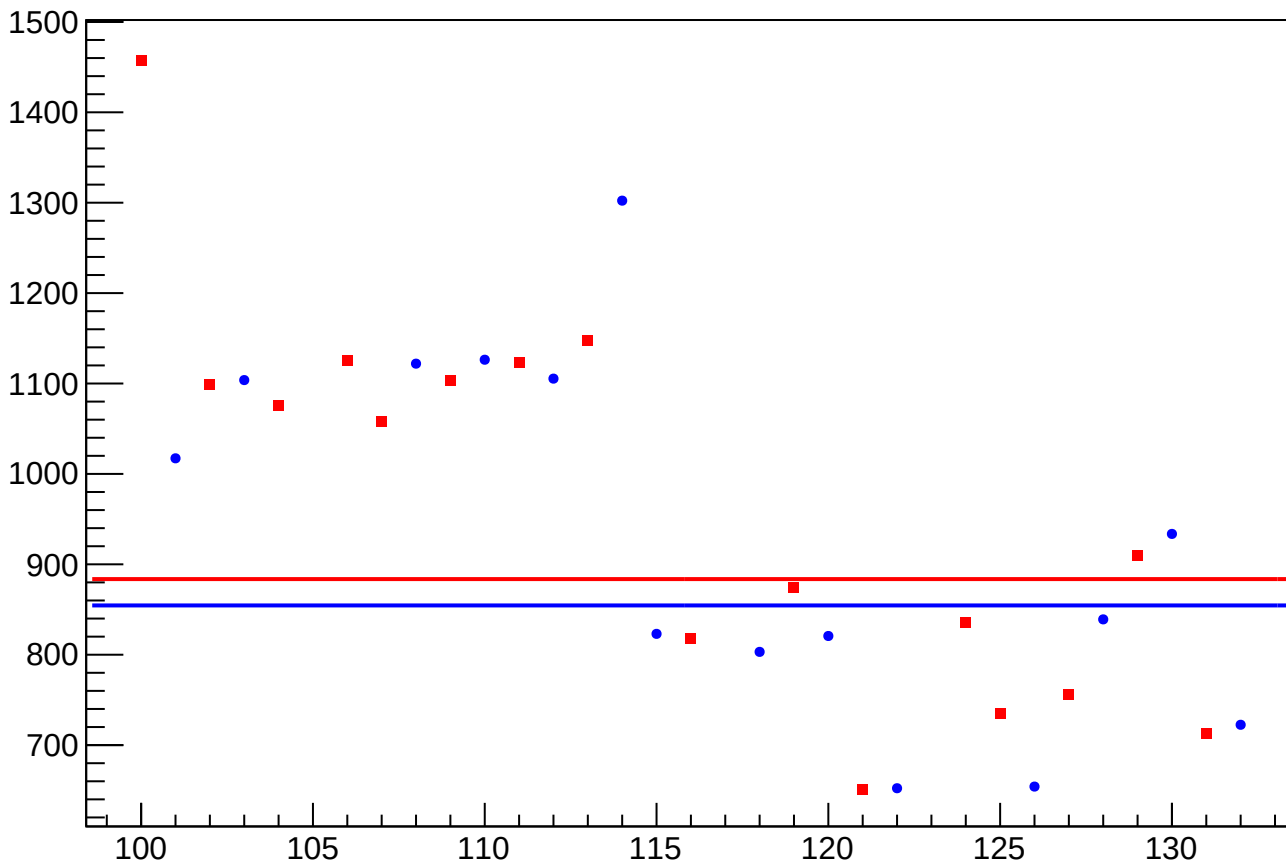
Right: 70.830+/-252.995 χ^2/NDF : 28.3/29

In: -401.437+/-357.184 χ^2/NDF : 14.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.830+/-252.995 χ^2/NDF : 28.3/29

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 854.516+/-0.253 χ^2/NDF : 459655.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 883.664+/-0.253 χ^2/NDF : 497873.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

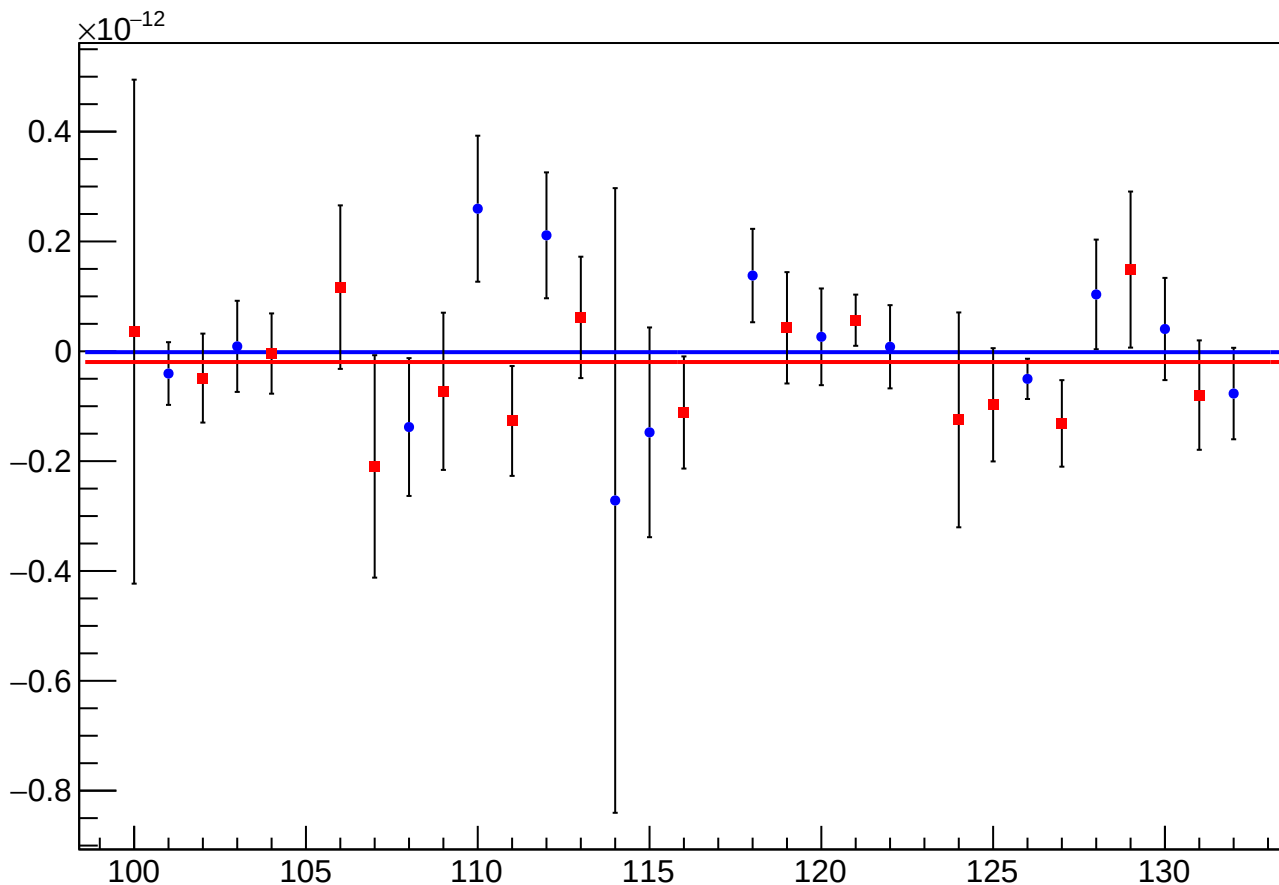
Right: 869.041+/-0.179 χ^2/NDF : 964166.5/29

In: 854.516+/-0.253 χ^2/NDF : 459655.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 869.041+/-0.179 χ^2/NDF : 964166.5/29

asym_sam_15_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 16.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

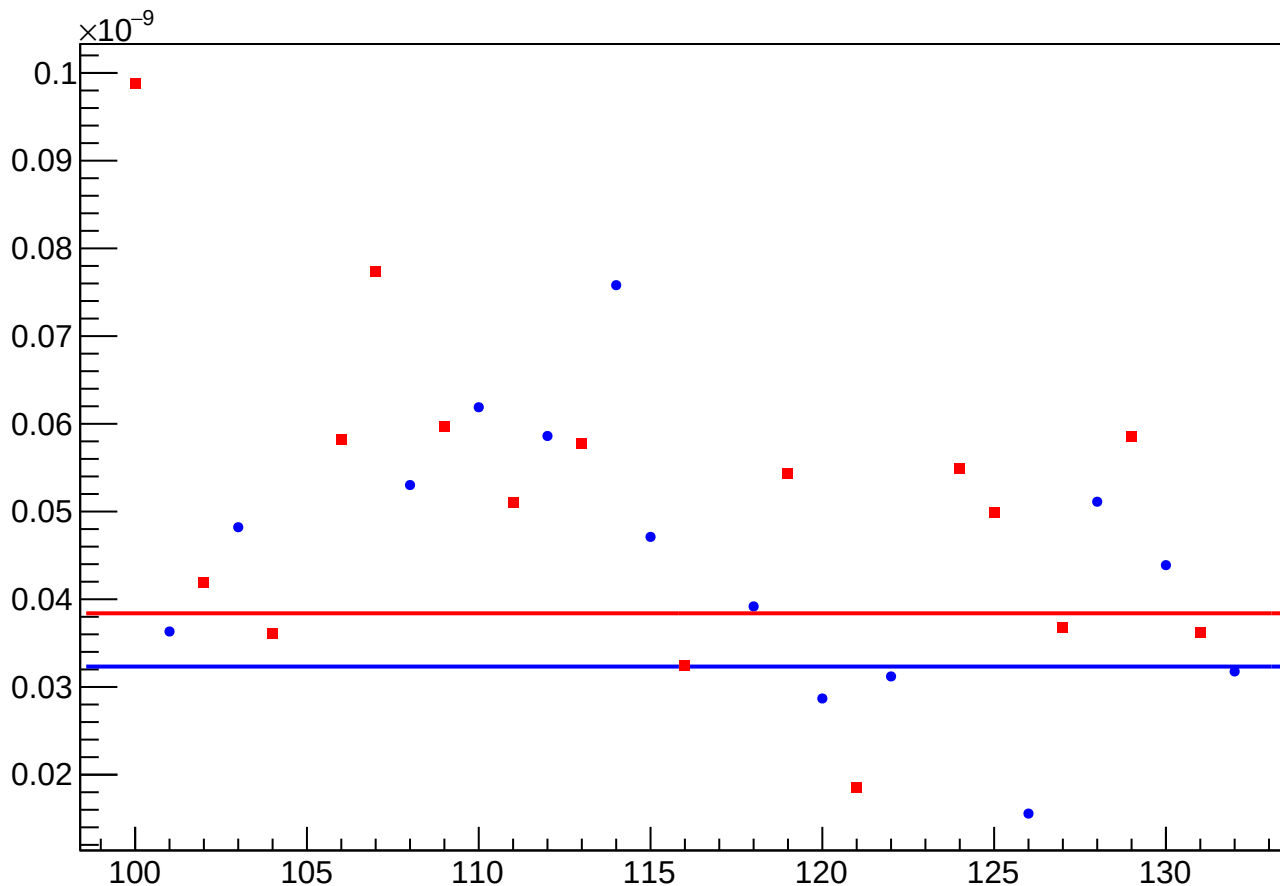
Right: -0.000+/-0.000 χ^2/NDF : 29.0/29

In: -0.000+/-0.000 χ^2/NDF : 16.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.0/29

asym_sam_15_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 902444.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 787826.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

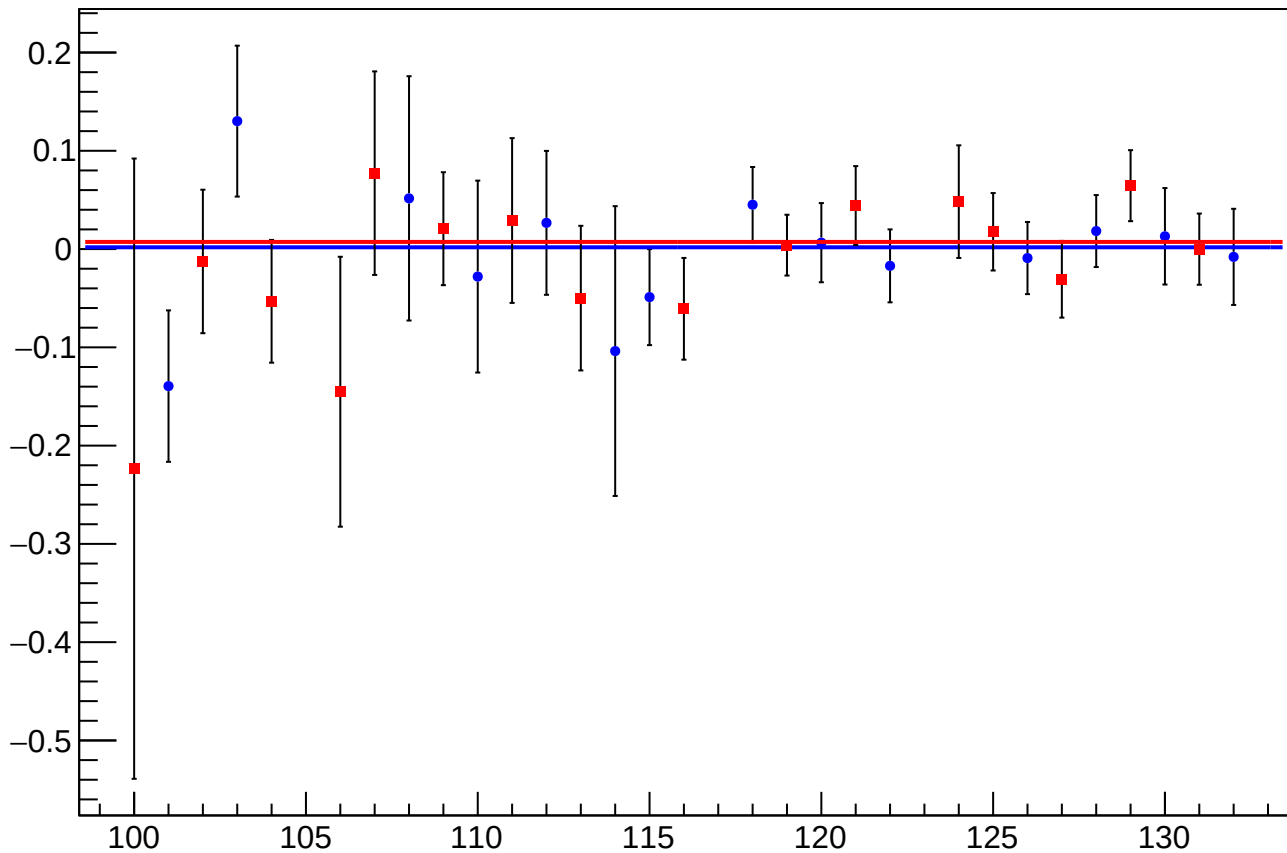
Right: 0.000+/-0.000 χ^2/NDF : 1762012.4/29

In: 0.000+/-0.000 χ^2/NDF : 902444.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1762012.4/29

asym_sam_15_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.013 χ^2 /NDF: 10.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.007 $\pm$ 0.012 χ^2 /NDF: 10.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

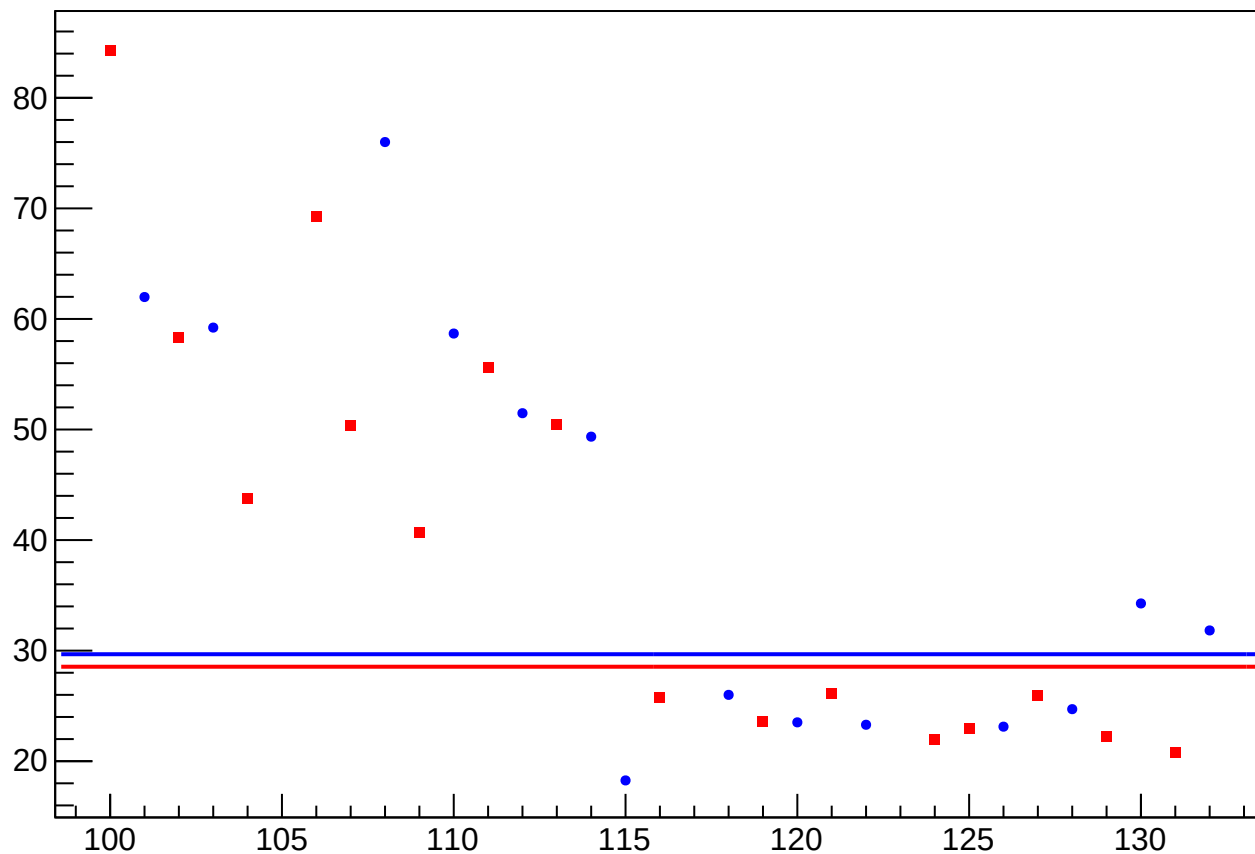
Right: 0.005 $\pm$ 0.009 χ^2 /NDF: 20.8/29

In: 0.002 $\pm$ 0.013 χ^2 /NDF:10.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.005 $\pm$ 0.009 χ^2 /NDF: 20.8/29

asym_sam_15_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.676+/-0.010 χ^2/NDF : 1670141.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.545+/-0.009 χ^2/NDF : 1545911.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

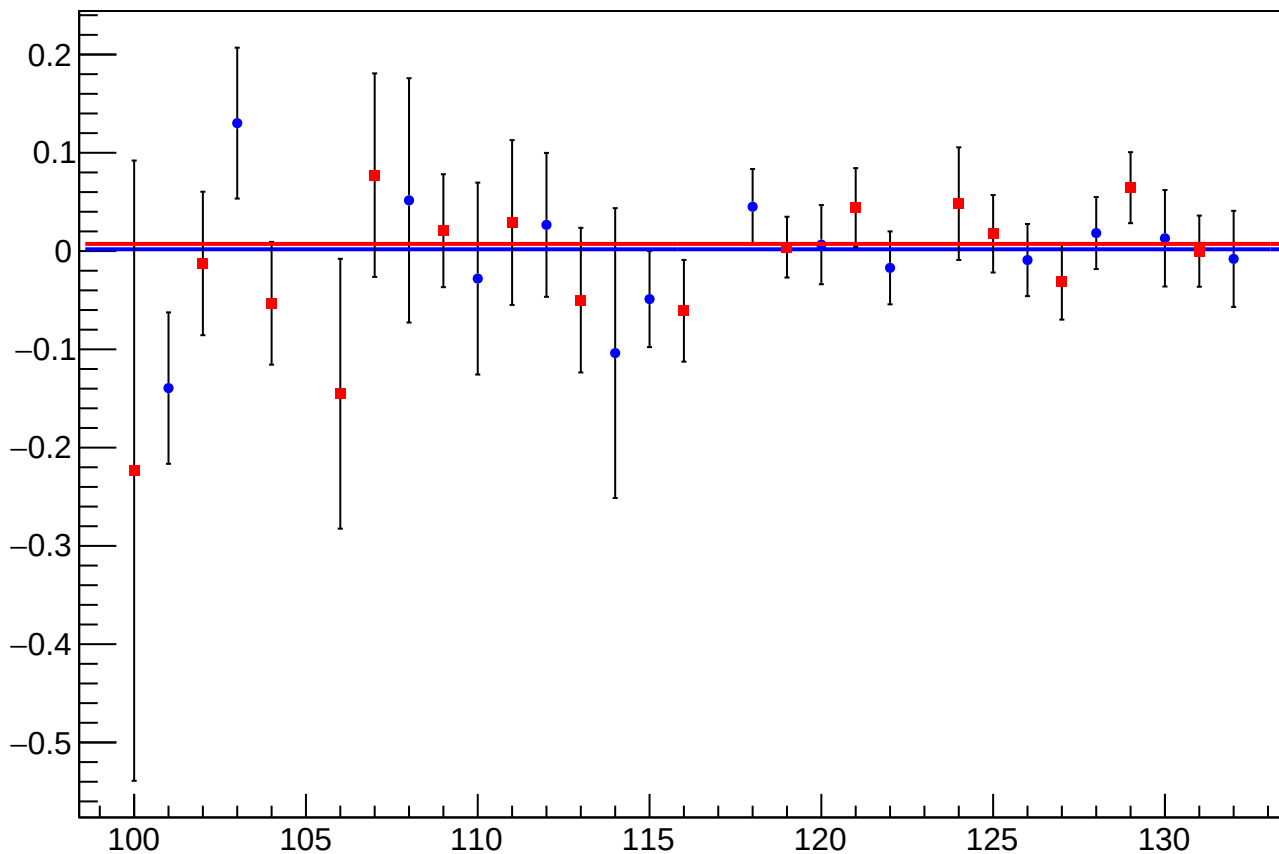
Right: 29.067+/-0.006 χ^2/NDF : 3223617.7/29

In: 29.676+/-0.010 χ^2/NDF : 1670141.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.067+/-0.006 χ^2/NDF : 3223617.7/29

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.013 χ^2 /NDF: 10.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.007 $\pm$ 0.012 χ^2 /NDF: 10.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

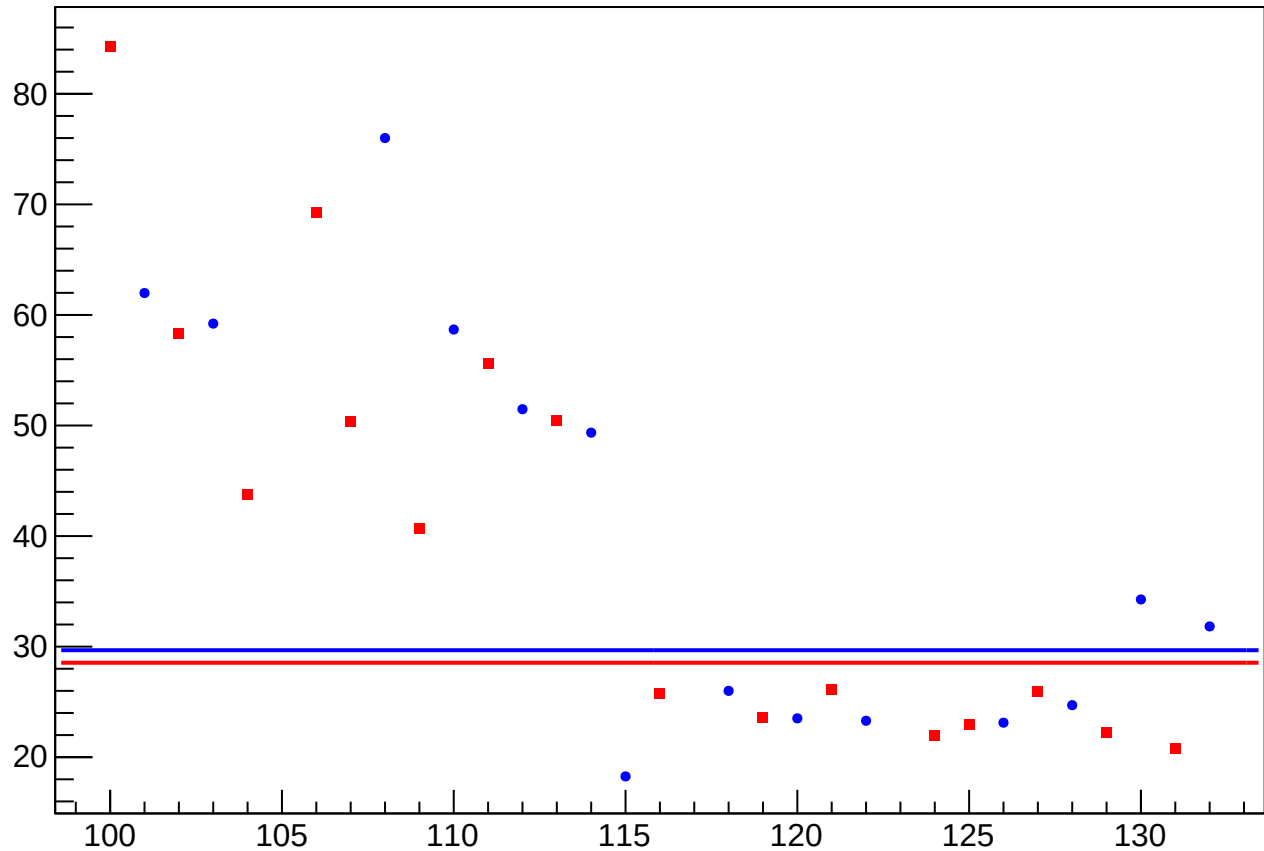
Right: 0.005 $\pm$ 0.009 χ^2 /NDF: 20.8/29

In: 0.002 $\pm$ 0.013 χ^2 /NDF:10.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.005 $\pm$ 0.009 χ^2 /NDF: 20.8/29

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.676+/-0.010 χ^2/NDF : 1670141.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.545+/-0.009 χ^2/NDF : 1545911.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

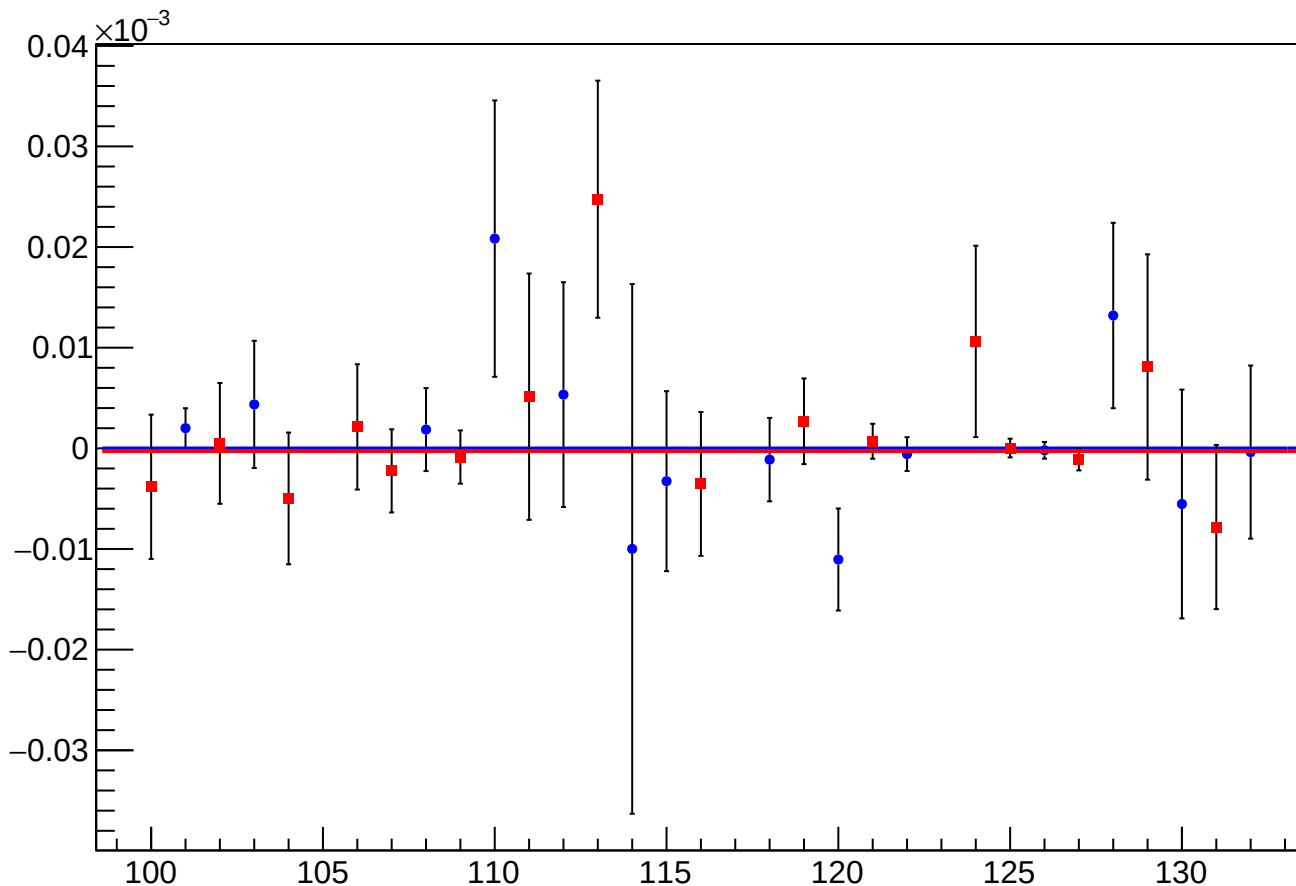
Right: 29.067+/-0.006 χ^2/NDF : 3223617.7/29

In: 29.676+/-0.010 χ^2/NDF : 1670141.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.067+/-0.006 χ^2/NDF : 3223617.7/29

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 11.8/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 10.4/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

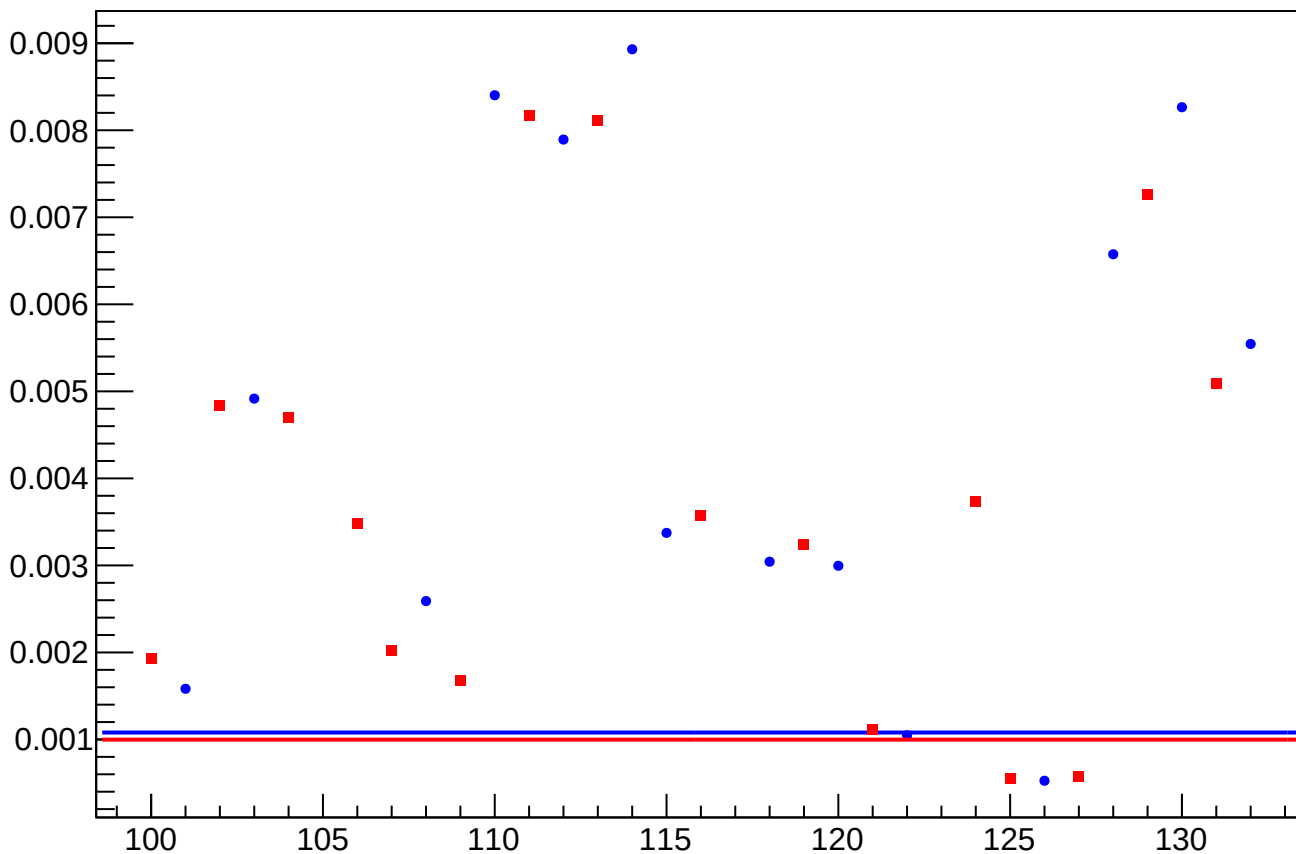
Right: -0.000+/-0.000 χ^2 /NDF: 22.3/29

In: -0.000+/-0.000 χ^2 /NDF:11.8/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 22.3/29

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 6434915.9/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 6376230.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

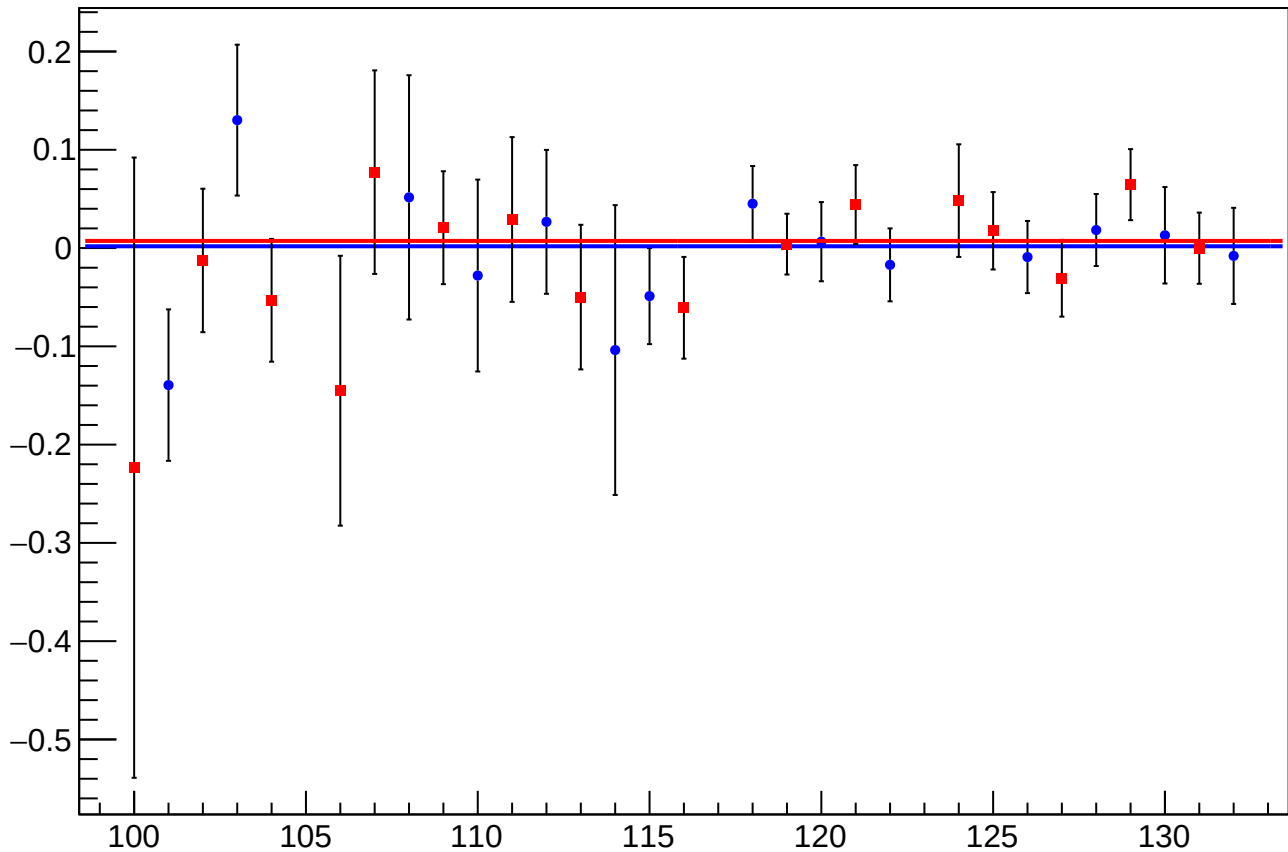
Right: 0.001+/-0.000 χ^2/NDF : 12827995.2/29

In: 0.001+/-0.000 χ^2/NDF :6434915.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 12827995.2/29

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.013 χ^2 /NDF: 10.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.007 $\pm$ 0.012 χ^2 /NDF: 10.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

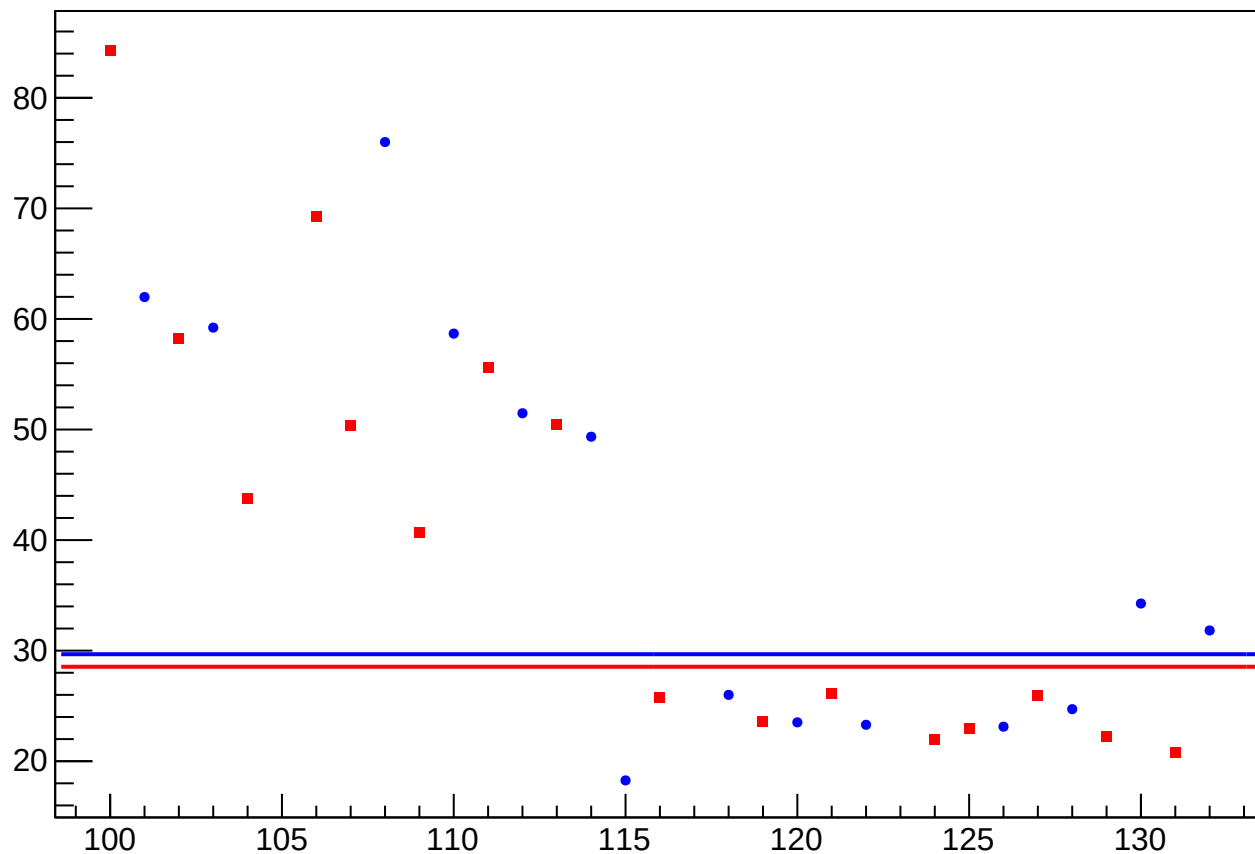
Right: 0.005 $\pm$ 0.009 χ^2 /NDF: 20.8/29

In: 0.002 $\pm$ 0.013 χ^2 /NDF:10.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.005 $\pm$ 0.009 χ^2 /NDF: 20.8/29

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.676+/-0.010 χ^2/NDF : 1669956.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.544+/-0.009 χ^2/NDF : 1545902.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

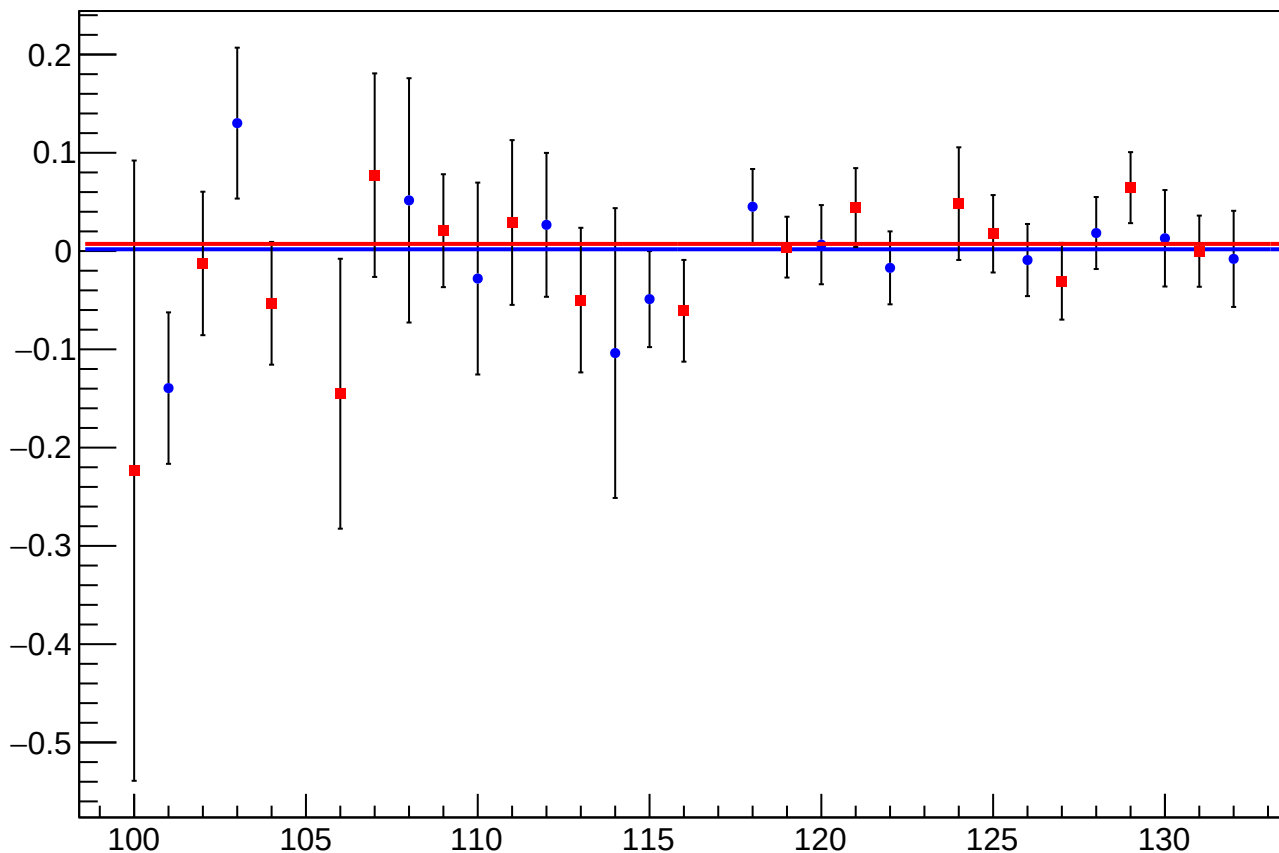
Right: 29.067+/-0.006 χ^2/NDF : 3223431.9/29

In: 29.676+/-0.010 χ^2/NDF : 1669956.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.067+/-0.006 χ^2/NDF : 3223431.9/29

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002+/-0.013 χ^2/NDF : 10.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.012 χ^2/NDF : 10.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

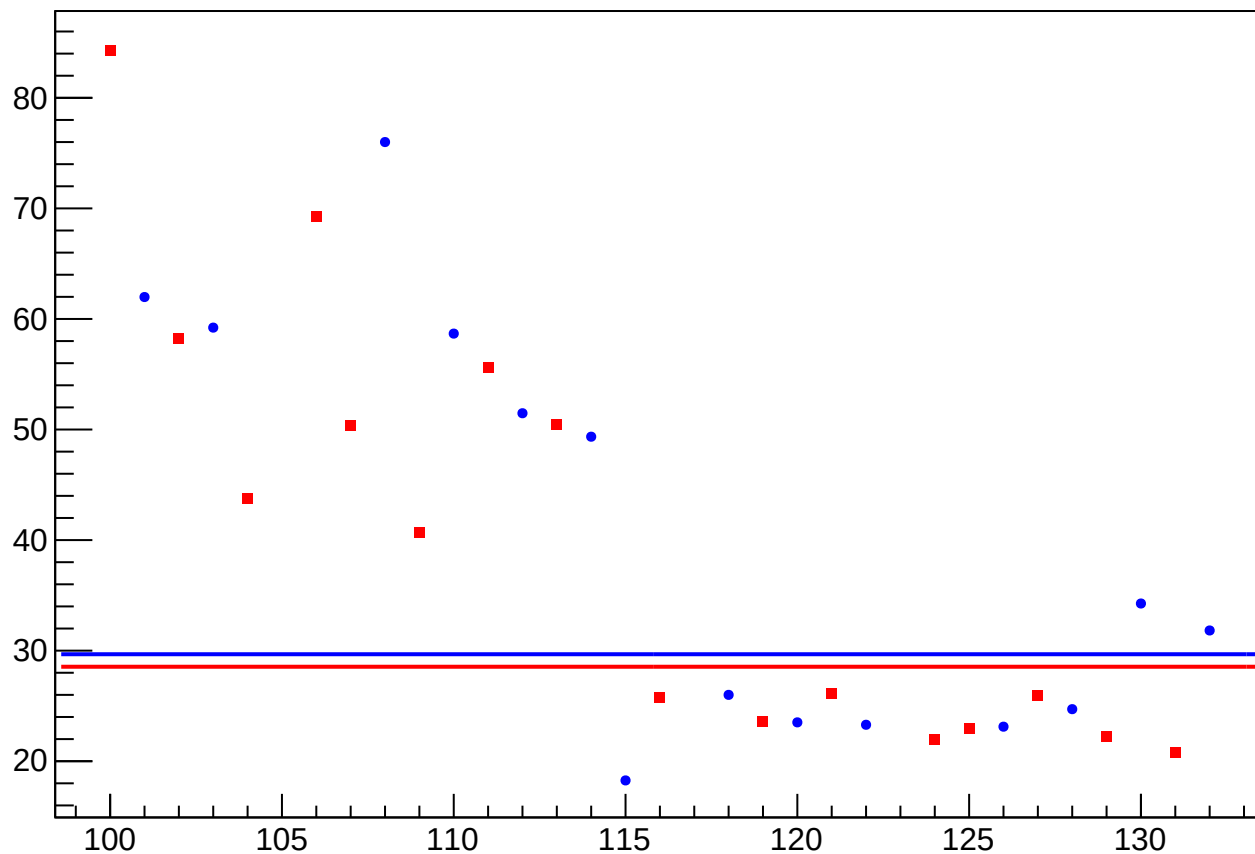
Right: 0.005+/-0.009 χ^2/NDF : 20.8/29

In: 0.002+/-0.013 χ^2/NDF :10.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.009 χ^2/NDF : 20.8/29

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.676+/-0.010 χ^2/NDF : 1669956.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.544+/-0.009 χ^2/NDF : 1545902.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

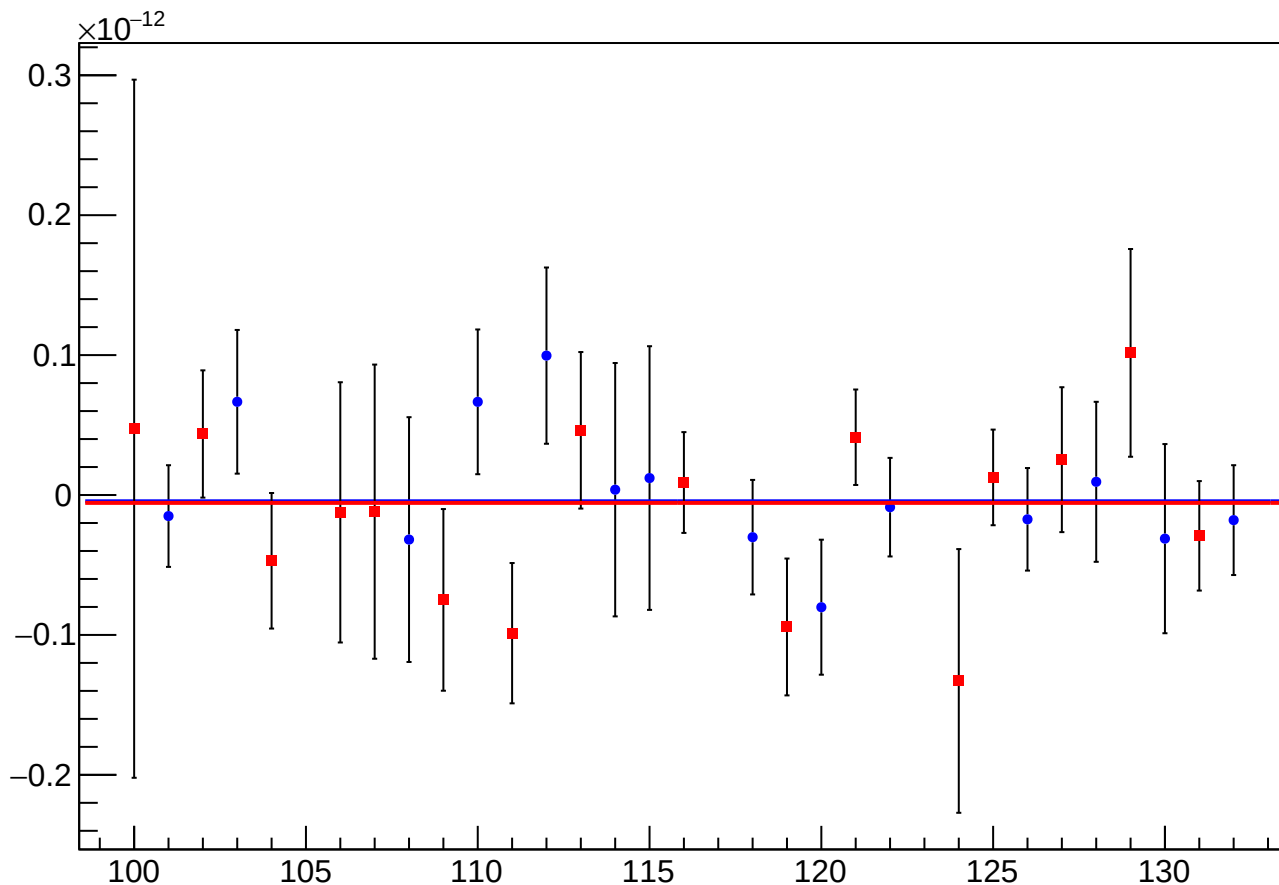
Right: 29.067+/-0.006 χ^2/NDF : 3223431.9/29

In: 29.676+/-0.010 χ^2/NDF : 1669956.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.067+/-0.006 χ^2/NDF : 3223431.9/29

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

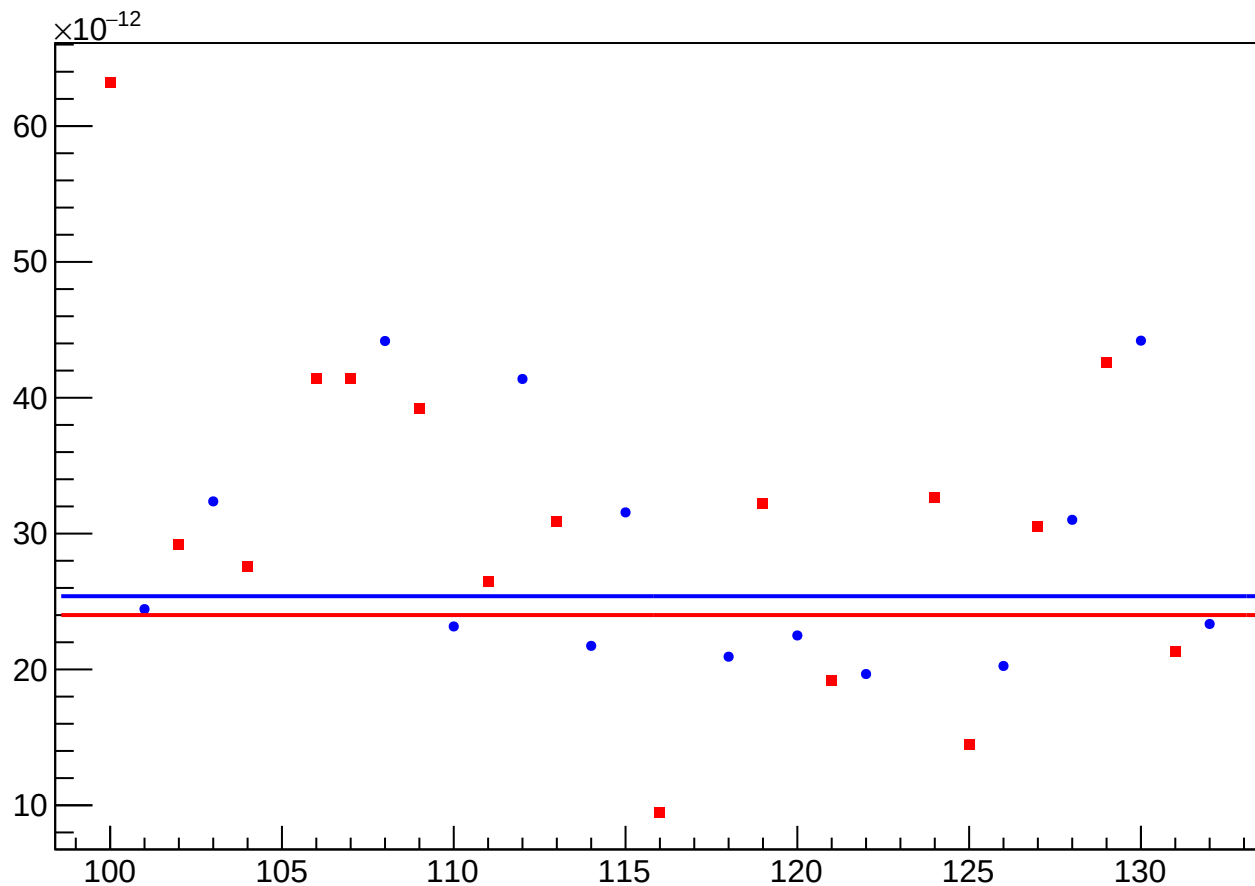
Right: -0.000+/-0.000 χ^2/NDF : 27.7/29

In: -0.000+/-0.000 χ^2/NDF : 10.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.7/29

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 577720.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1119366.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

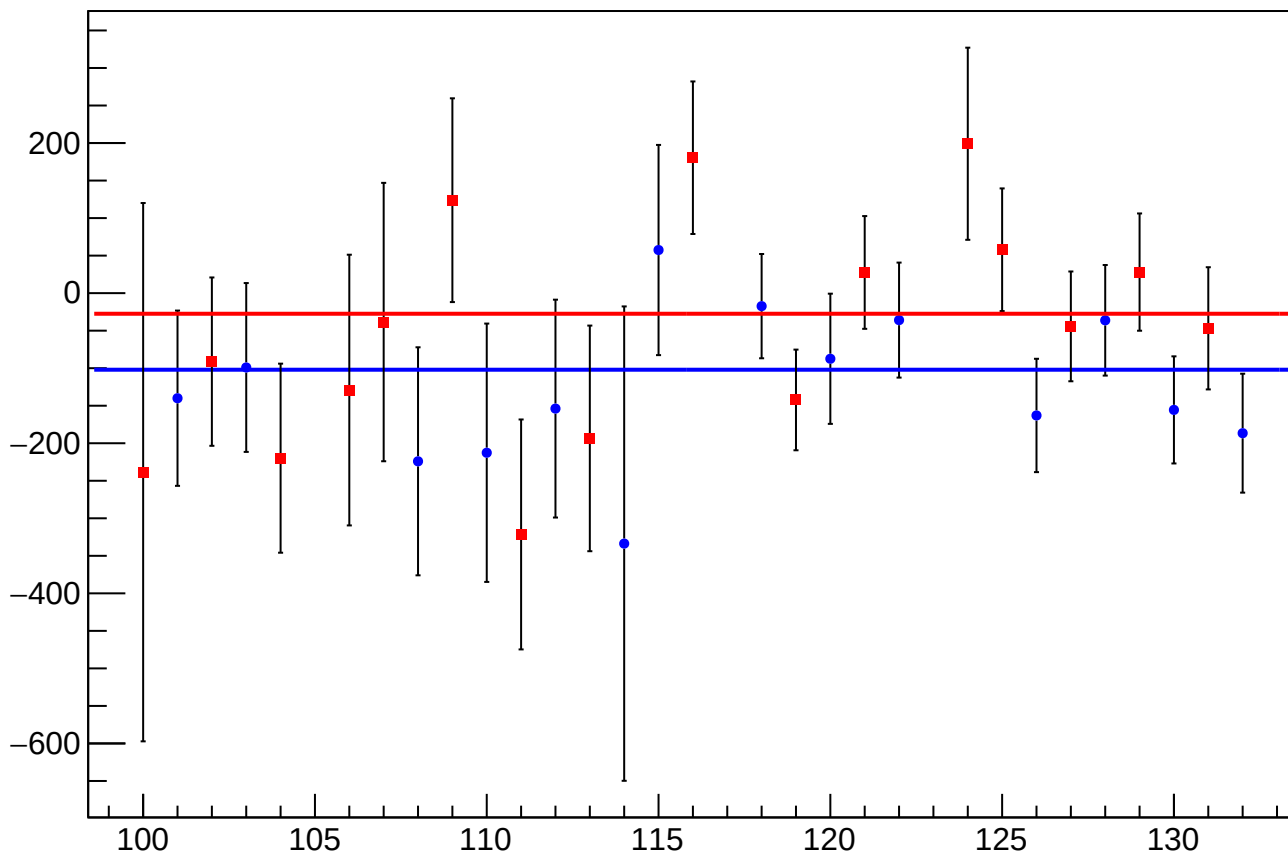
Right: 0.000+/-0.000 χ^2/NDF : 1708817.6/29

In: 0.000+/-0.000 χ^2/NDF : 577720.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1708817.6/29

reg_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -102.038 ± 25.288 χ^2/NDF : 8.5/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -27.459 ± 25.318 χ^2/NDF : 22.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

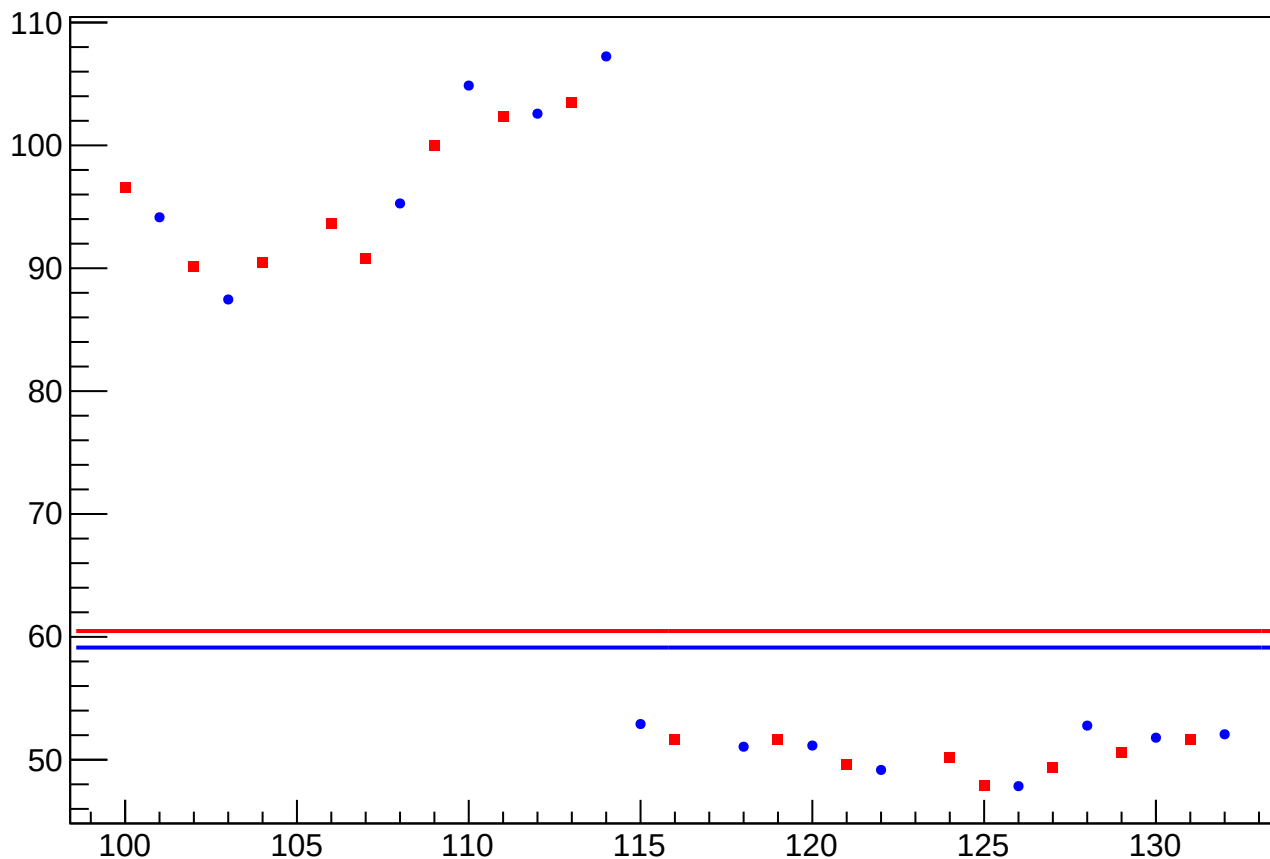
Right: -64.792 ± 17.892 χ^2/NDF : 34.8/29

In: -102.038 ± 25.288 χ^2/NDF : 8.5/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -64.792 ± 17.892 χ^2/NDF : 34.8/29

reg_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.132+/-0.018 χ^2/NDF : 964811.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.477+/-0.018 χ^2/NDF : 1130441.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

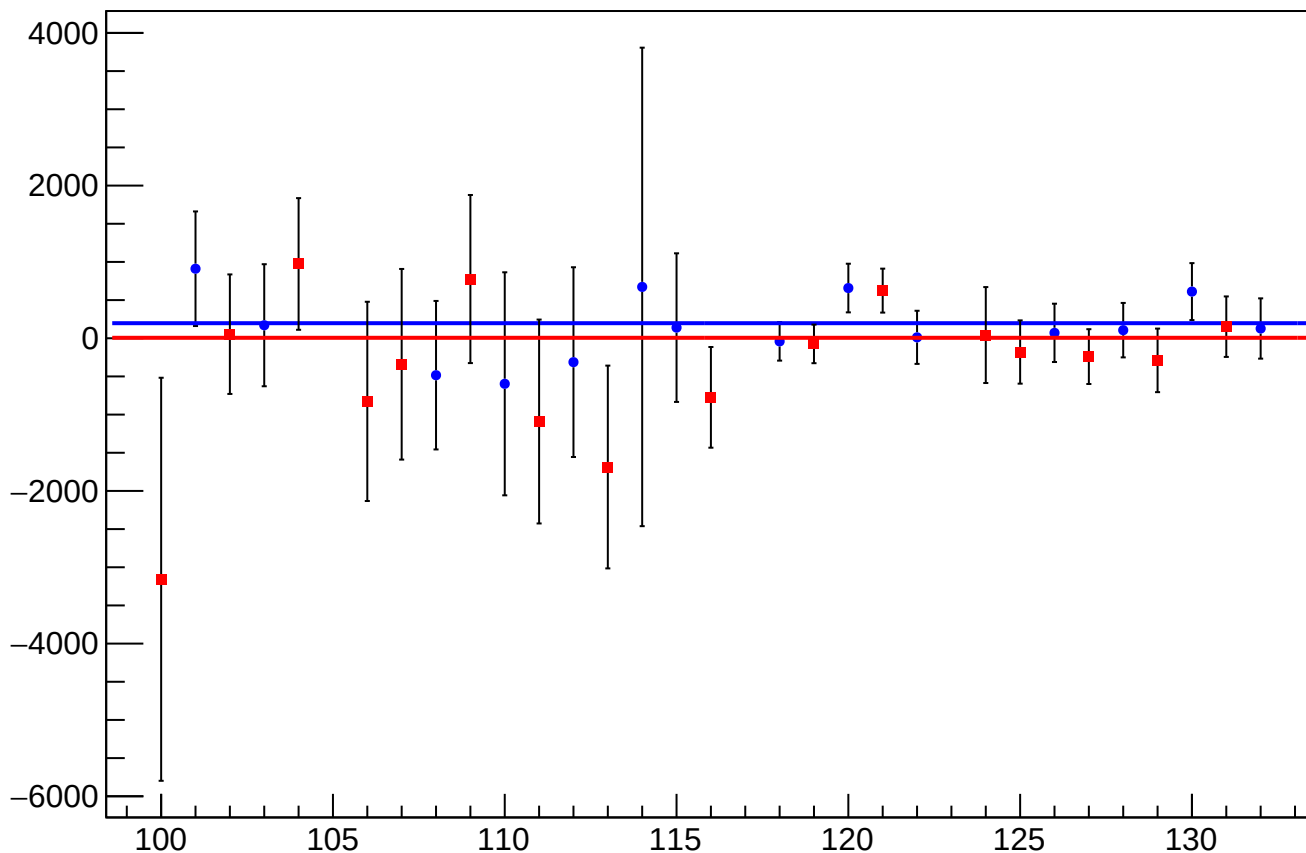
Right: 59.804+/-0.013 χ^2/NDF : 2098082.0/29

In: 59.132+/-0.018 χ^2/NDF : 964811.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.804+/-0.013 χ^2/NDF : 2098082.0/29

asym_sam_37_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 197.400 $\pm$ 120.576 χ^2 /NDF: 6.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 6.070 $\pm$ 124.435 χ^2 /NDF: 13.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

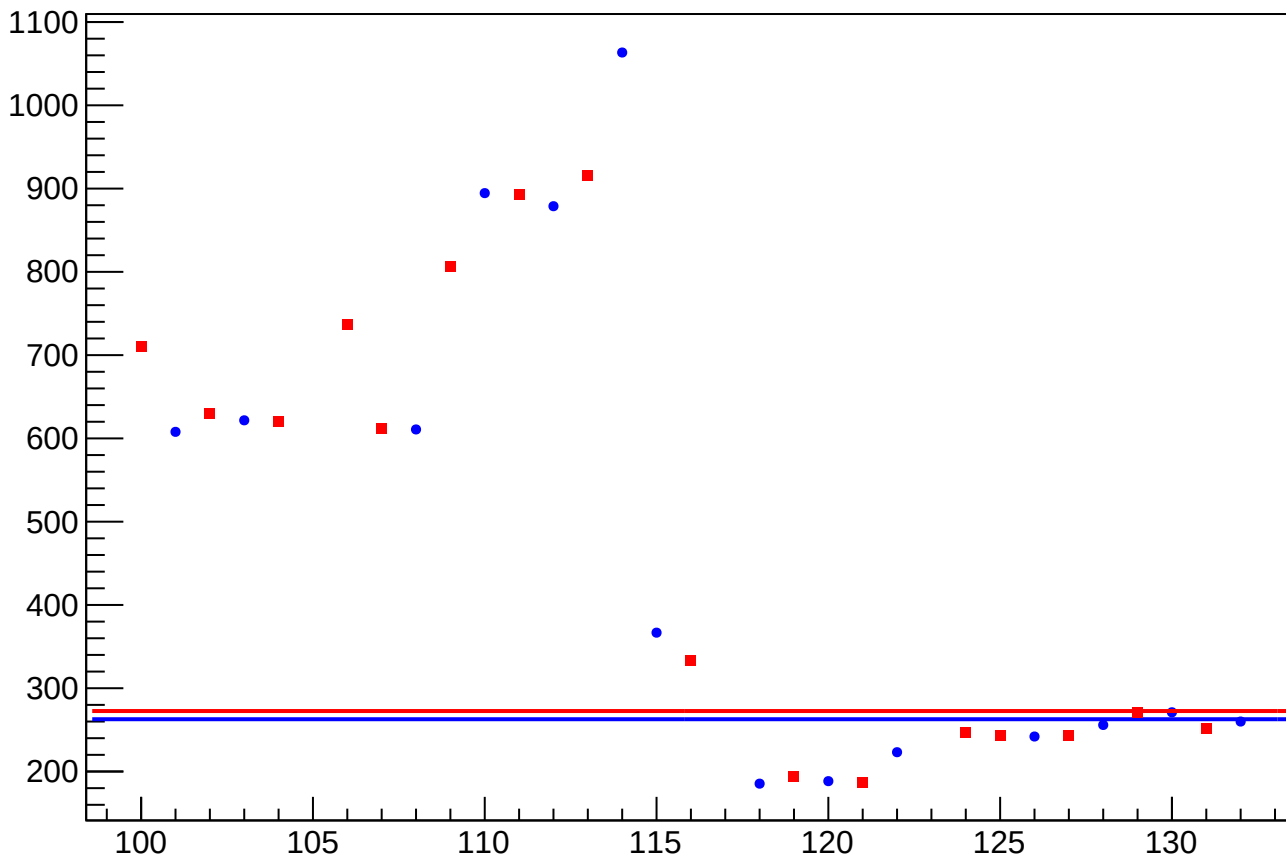
Right: 104.748 $\pm$ 86.592 χ^2 /NDF: 21.2/29

In: 197.400 $\pm$ 120.576 χ^2 /NDF:6.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 104.748 $\pm$ 86.592 χ^2 /NDF: 21.2/29

asym_sam_37_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 262.773+/-0.085 χ^2/NDF : 2431033.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 272.616+/-0.088 χ^2/NDF : 2992656.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

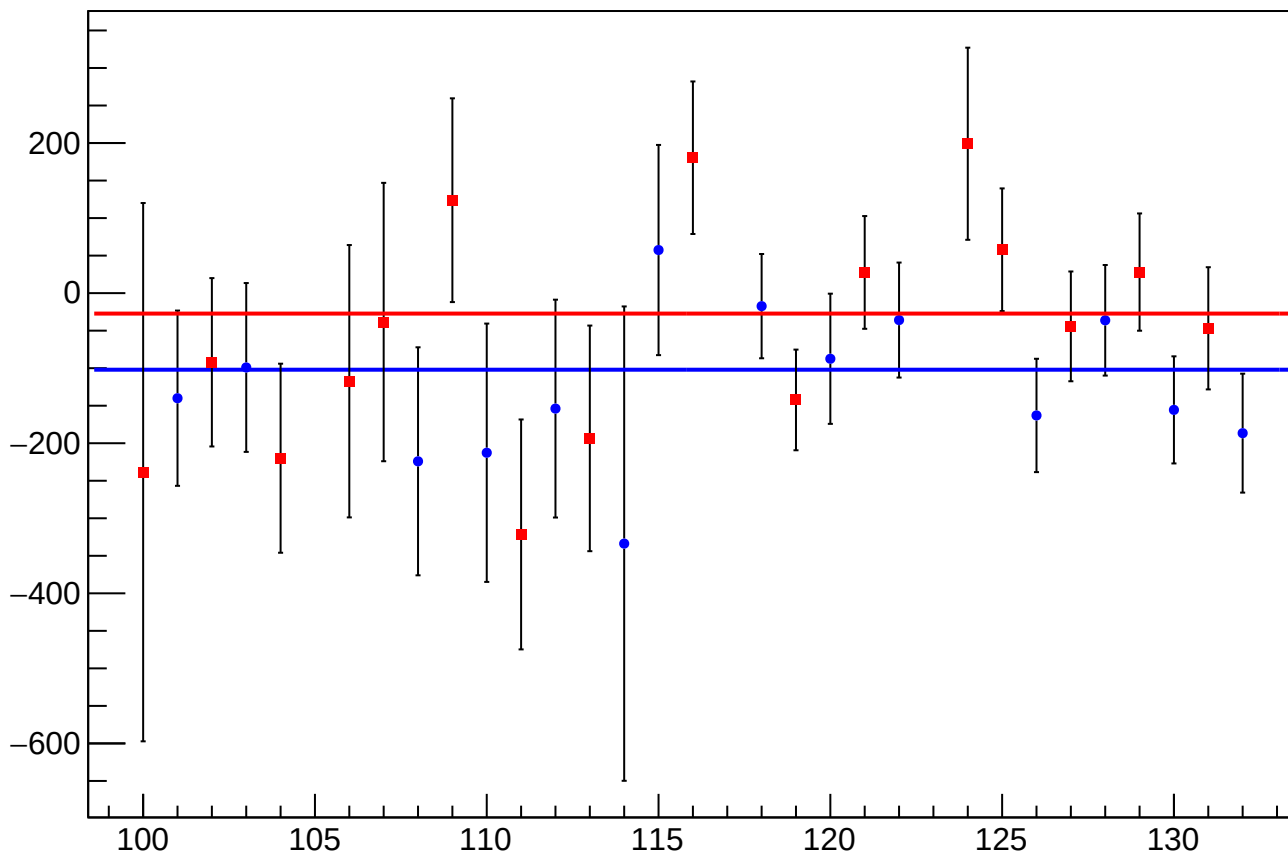
Right: 267.539+/-0.061 χ^2/NDF : 5430143.5/29

In: 262.773+/-0.085 χ^2/NDF : 2431033.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 267.539+/-0.061 χ^2/NDF : 5430143.5/29

cor_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -102.036 ± 25.288 χ^2/NDF : 8.5/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -27.251 ± 25.321 χ^2/NDF : 21.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

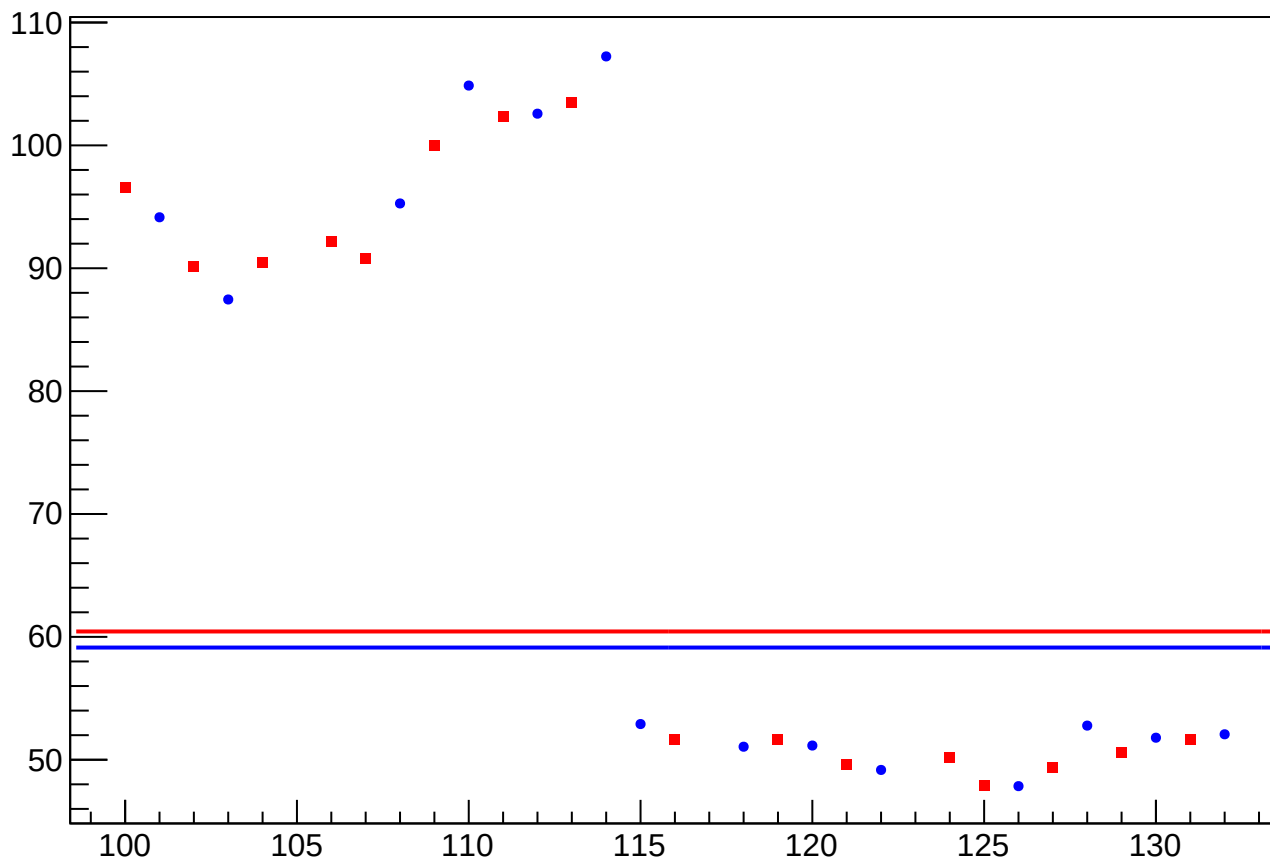
Right: -64.692 ± 17.893 χ^2/NDF : 34.8/29

In: -102.036 ± 25.288 χ^2/NDF : 8.5/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -64.692 ± 17.893 χ^2/NDF : 34.8/29

cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.132+/-0.018 χ^2/NDF : 964811.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 60.440+/-0.018 χ^2/NDF : 1123729.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

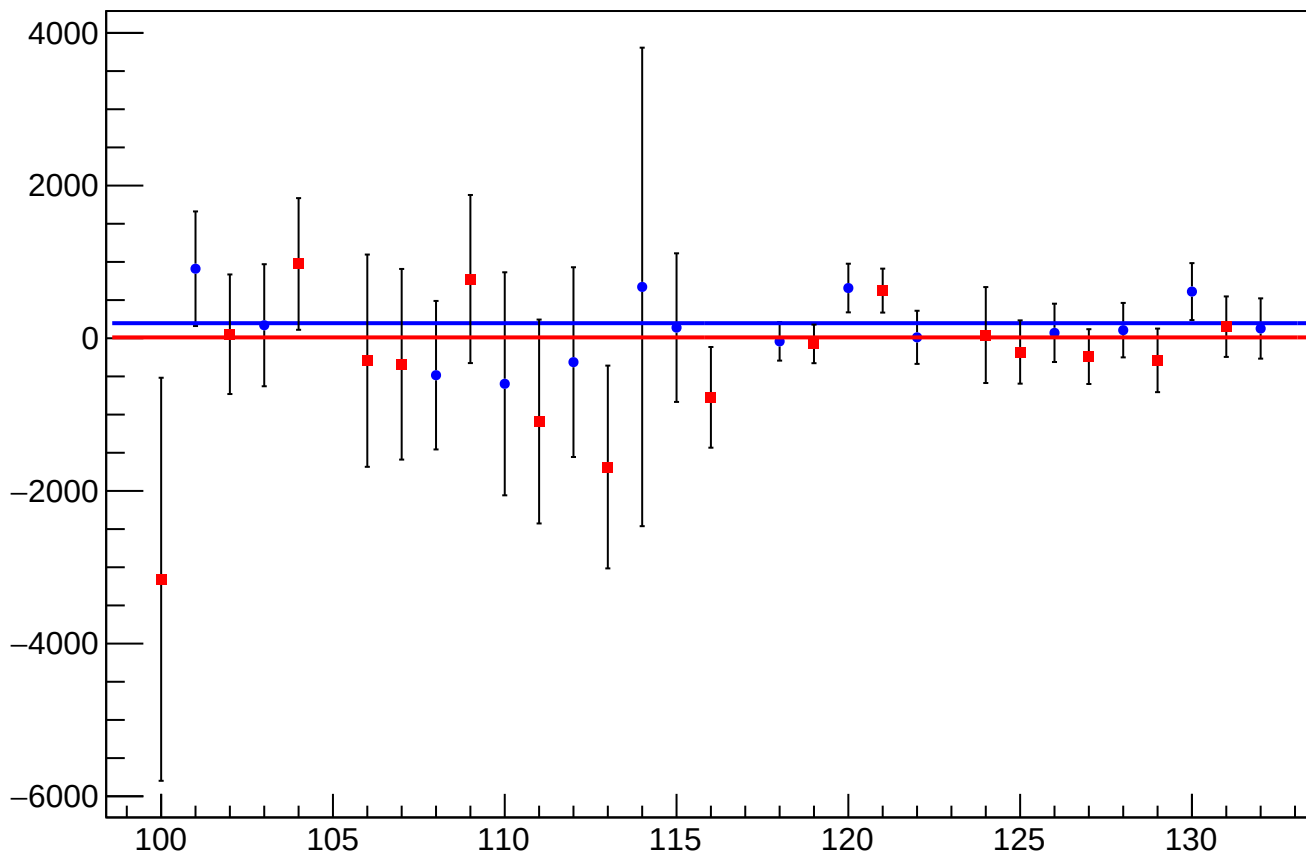
Right: 59.785+/-0.013 χ^2/NDF : 2091215.0/29

In: 59.132+/-0.018 χ^2/NDF :964811.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 59.785+/-0.013 χ^2/NDF : 2091215.0/29

asym_sam_37_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 197.396 $\pm$ 120.576 χ^2 /NDF: 6.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.216 $\pm$ 124.504 χ^2 /NDF: 13.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

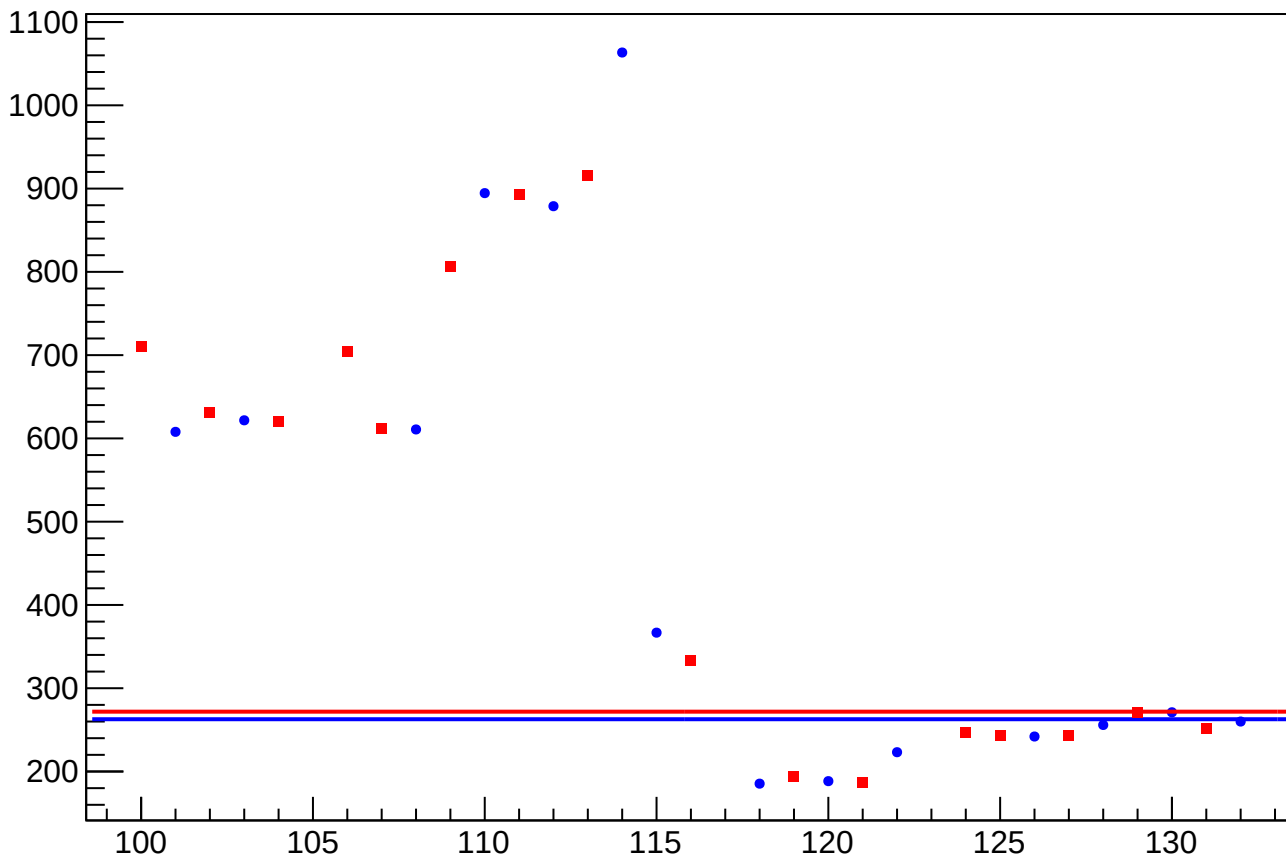
Right: 107.289 $\pm$ 86.615 χ^2 /NDF: 20.8/29

In: 197.396 $\pm$ 120.576 χ^2 /NDF:6.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 107.289 $\pm$ 86.615 χ^2 /NDF: 20.8/29

asym_sam_37_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 262.772+/-0.085 χ^2/NDF : 2431050.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 271.856+/-0.088 χ^2/NDF : 2933093.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

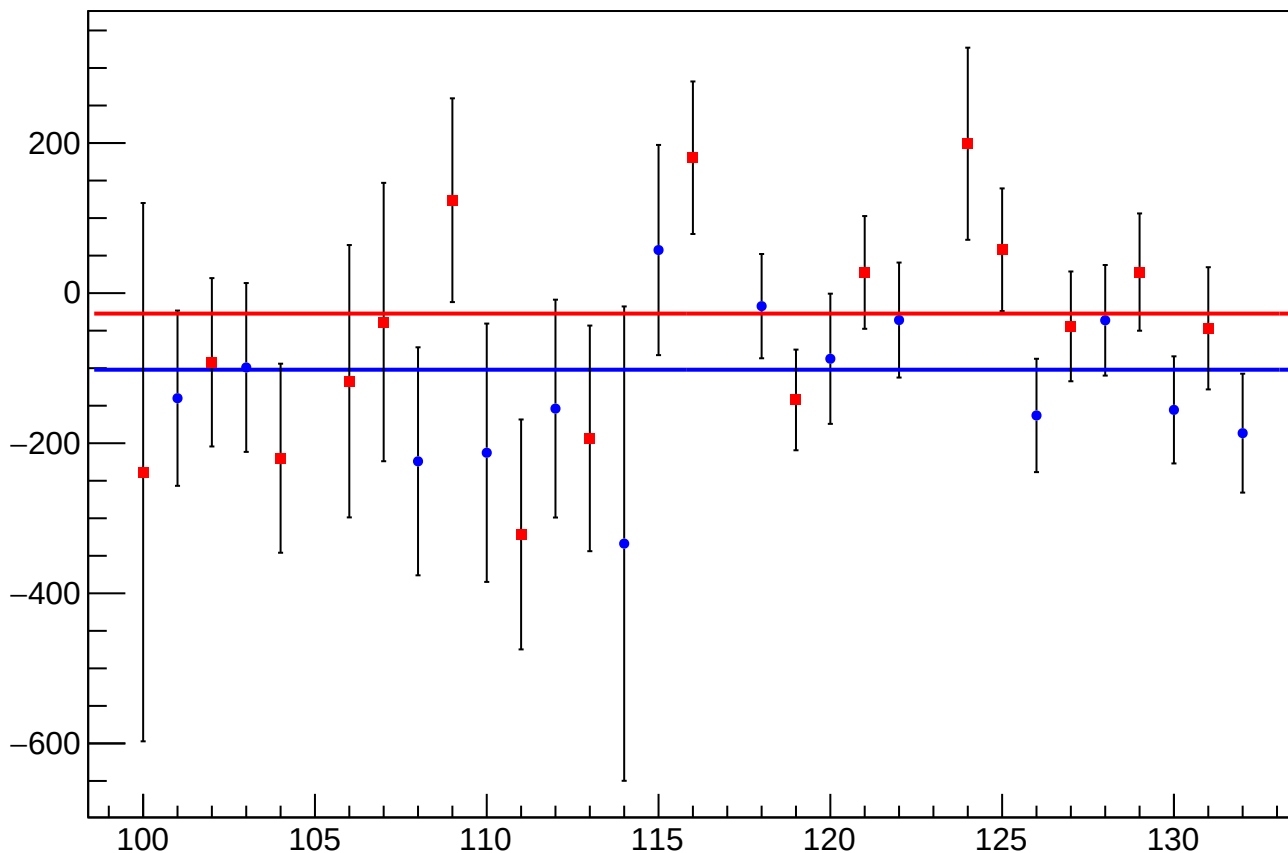
Right: 267.169+/-0.061 χ^2/NDF : 5369637.1/29

In: 262.772+/-0.085 χ^2/NDF : 2431050.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 267.169+/-0.061 χ^2/NDF : 5369637.1/29

eigen_cor_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -102.036 $\pm$ 25.288 χ^2 /NDF: 8.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -27.251 $\pm$ 25.321 χ^2 /NDF: 21.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

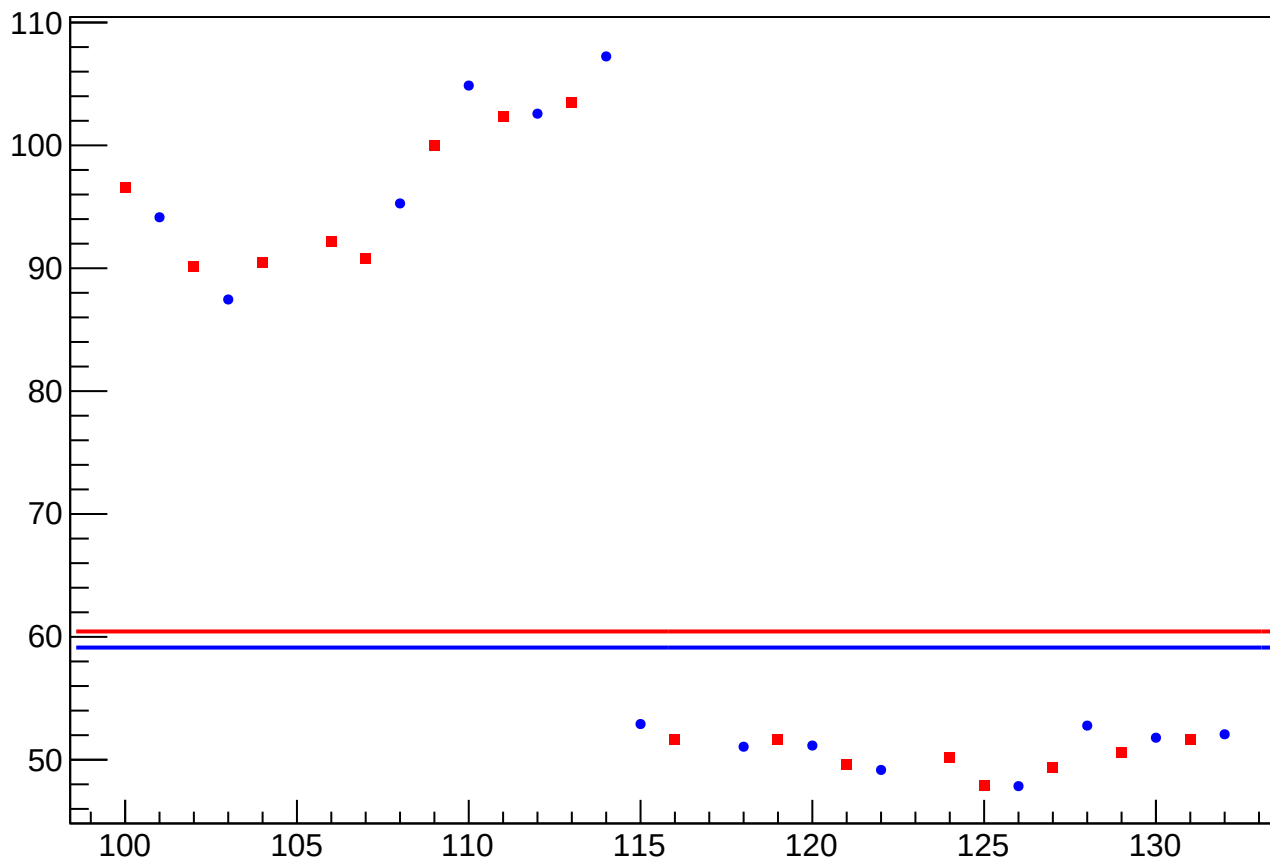
Right: -64.692 $\pm$ 17.893 χ^2 /NDF: 34.8/29

In: -102.036 $\pm$ 25.288 χ^2 /NDF:8.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -64.692 $\pm$ 17.893 χ^2 /NDF: 34.8/29

eigen_cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.132+/-0.018 χ^2/NDF : 964811.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 60.440+/-0.018 χ^2/NDF : 1123729.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

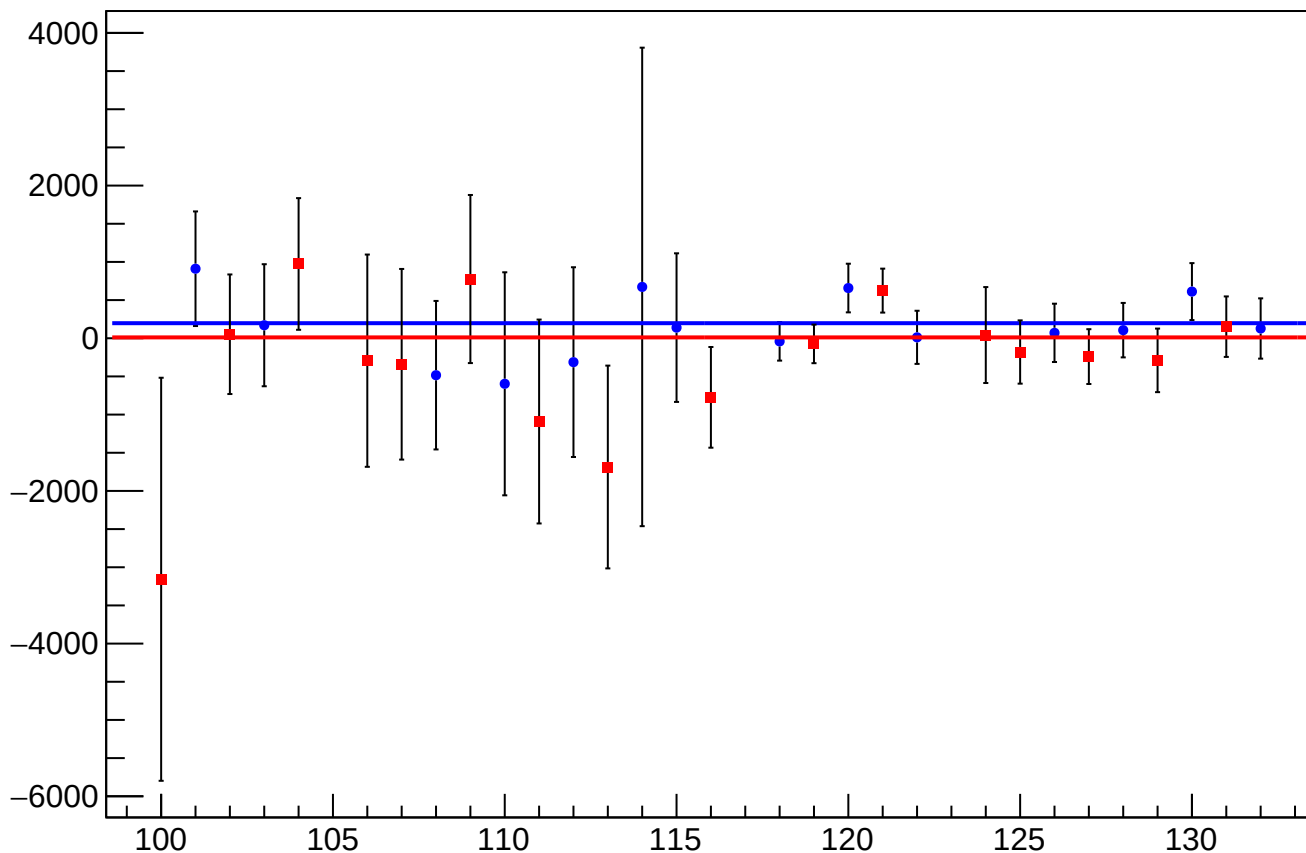
Right: 59.785+/-0.013 χ^2/NDF : 2091215.0/29

In: 59.132+/-0.018 χ^2/NDF :964811.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 59.785+/-0.013 χ^2/NDF : 2091215.0/29

asym_sam_37_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 197.396 $\pm$ 120.576 χ^2 /NDF: 6.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.216 $\pm$ 124.504 χ^2 /NDF: 13.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

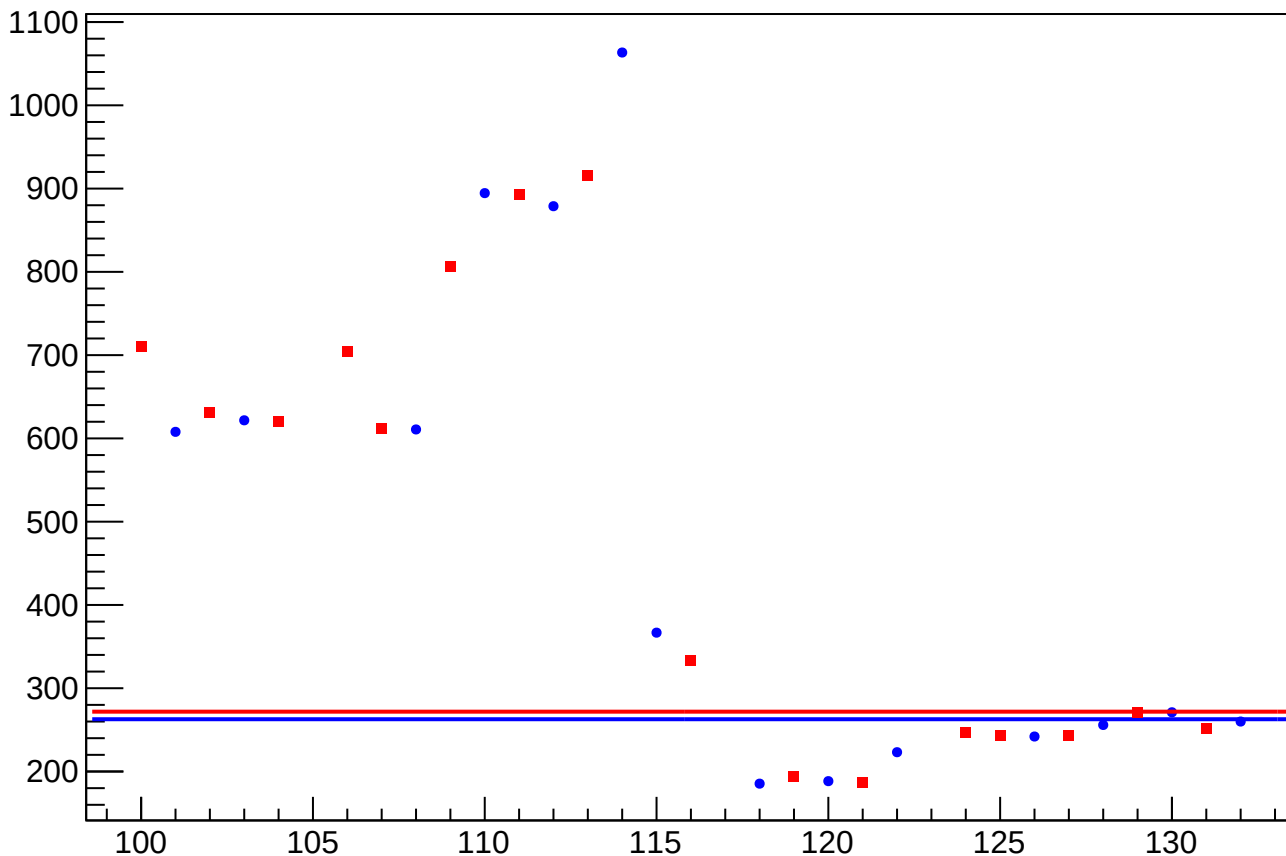
Right: 107.289 $\pm$ 86.615 χ^2 /NDF: 20.8/29

In: 197.396 $\pm$ 120.576 χ^2 /NDF:6.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 107.289 $\pm$ 86.615 χ^2 /NDF: 20.8/29

asym_sam_37_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 262.772+/-0.085 χ^2/NDF : 2431050.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 271.856+/-0.088 χ^2/NDF : 2933093.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

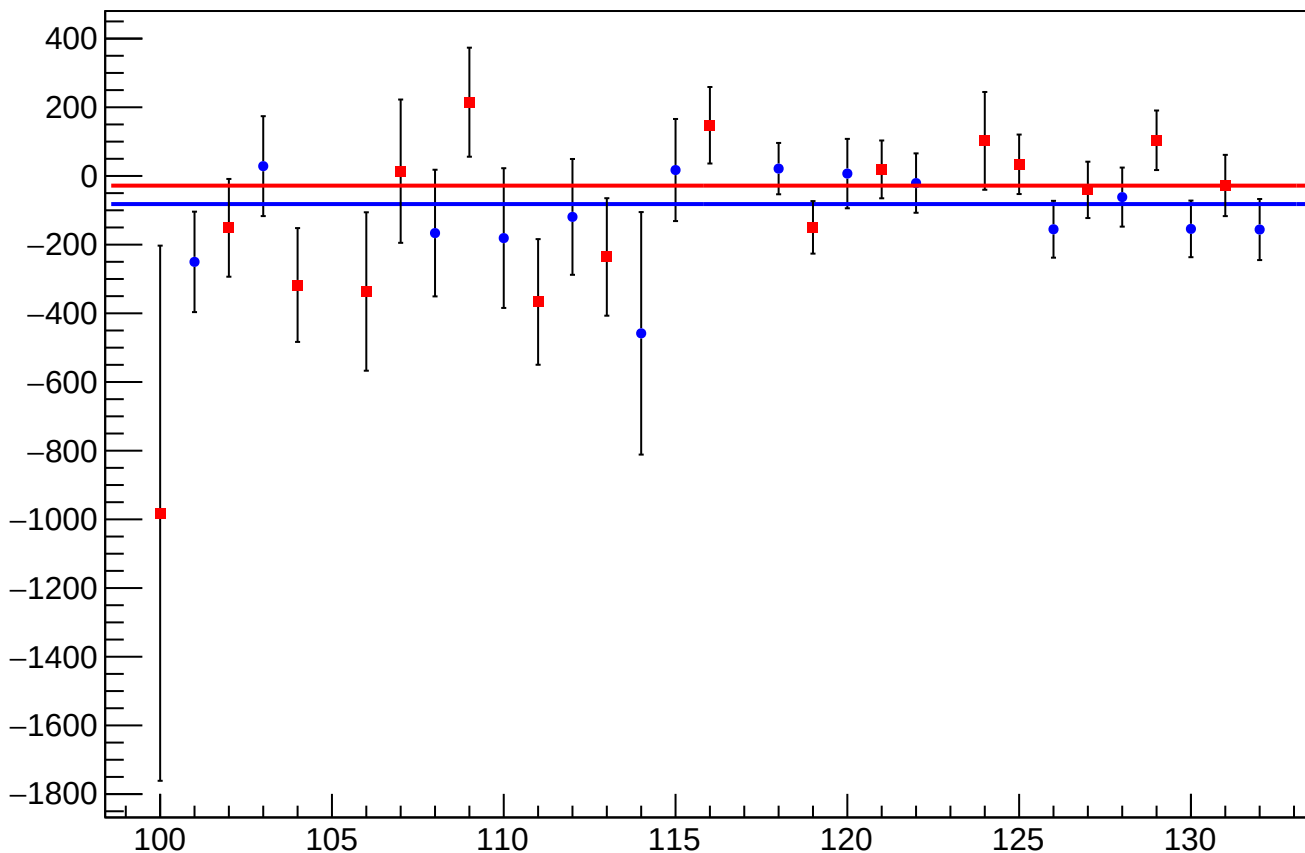
Right: 267.169+/-0.061 χ^2/NDF : 5369637.1/29

In: 262.772+/-0.085 χ^2/NDF : 2431050.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 267.169+/-0.061 χ^2/NDF : 5369637.1/29

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -81.865 $\pm$ 28.849 χ^2 /NDF: 9.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -28.159 $\pm$ 28.685 χ^2 /NDF: 23.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

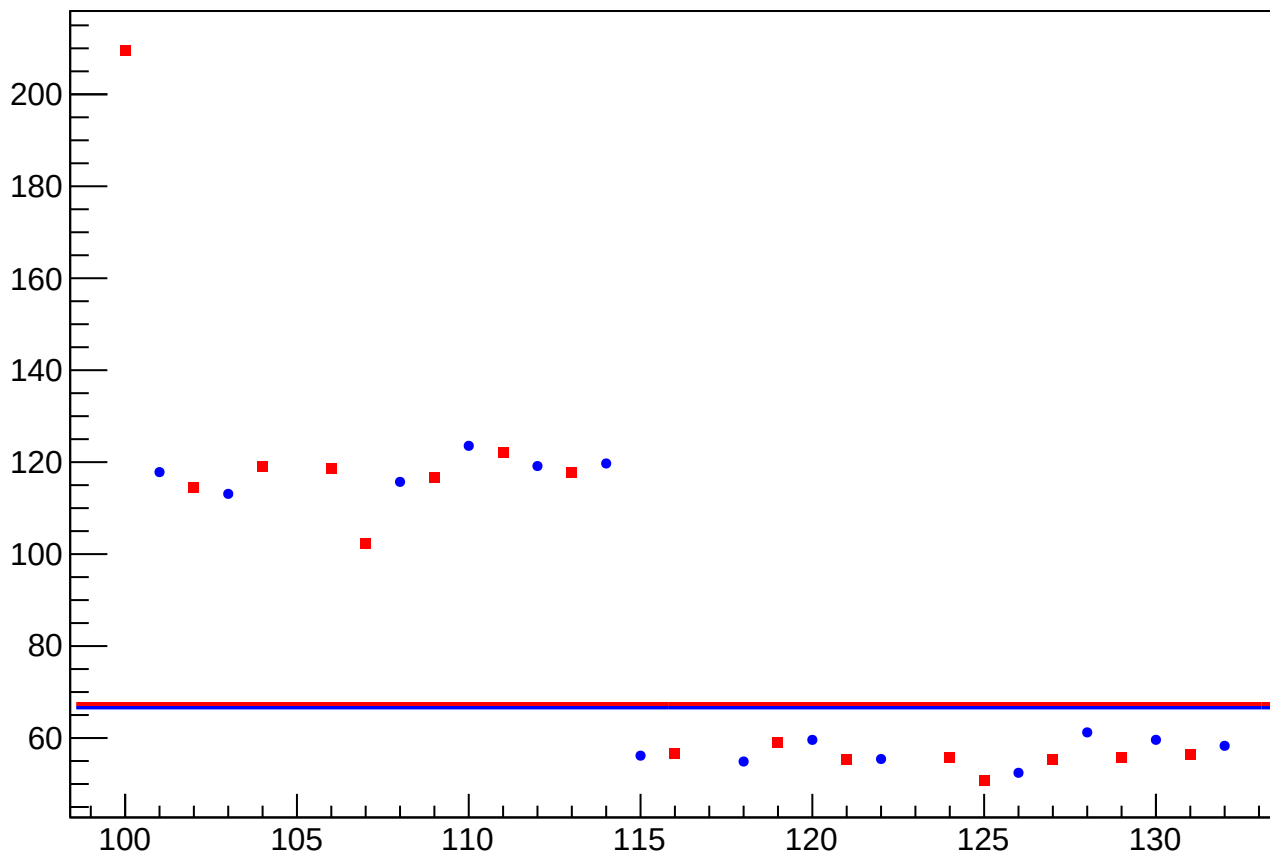
Right: -54.859 $\pm$ 20.341 χ^2 /NDF: 34.6/29

In: -81.865 $\pm$ 28.849 χ^2 /NDF:9.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -54.859 $\pm$ 20.341 χ^2 /NDF: 34.6/29

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 66.657+/-0.020 χ^2/NDF : 1188005.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.402+/-0.020 χ^2/NDF : 1460612.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

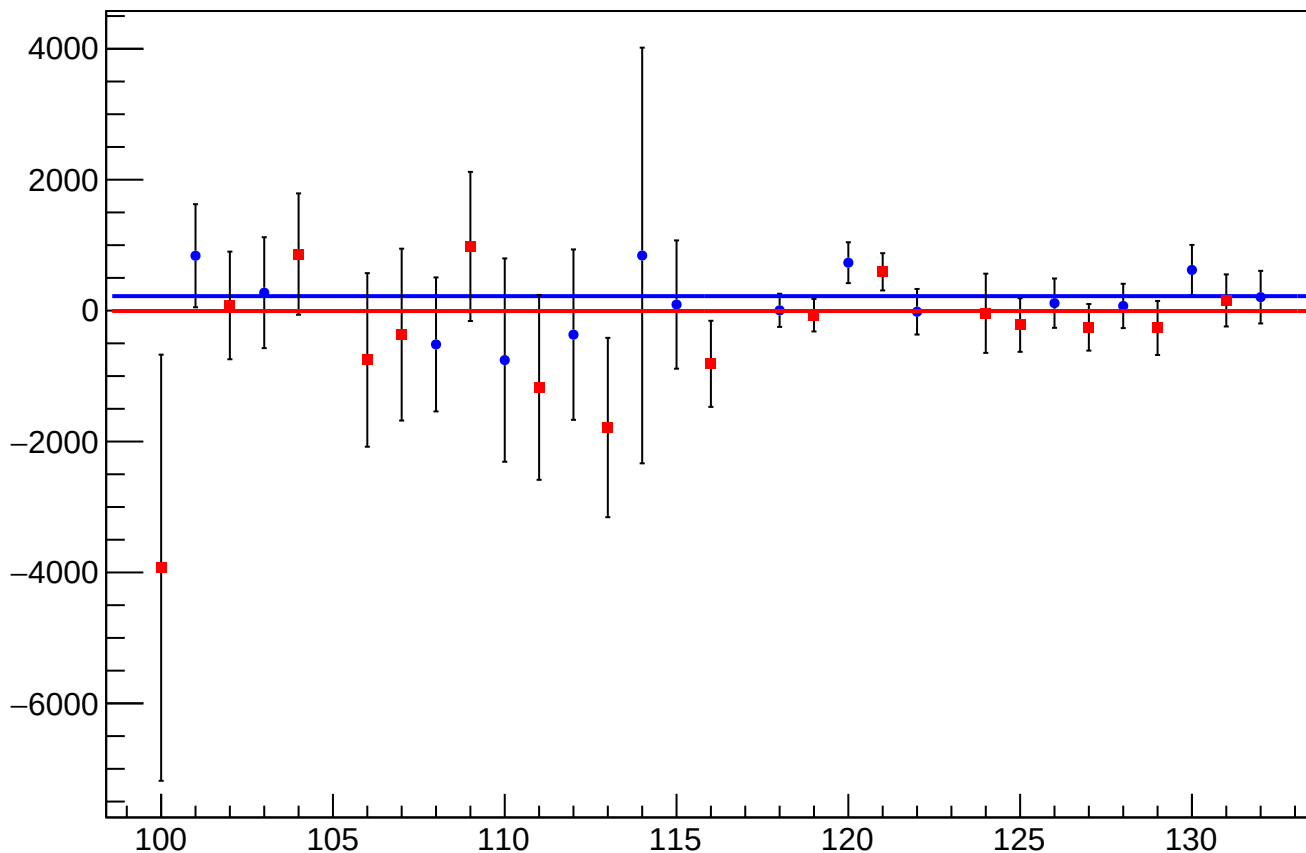
Right: 67.032+/-0.014 χ^2/NDF : 2649289.0/29

In: 66.657+/-0.020 χ^2/NDF : 1188005.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.032+/-0.014 χ^2/NDF : 2649289.0/29

asym_sam_37_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 221.132 $\pm$ 120.370 χ^2 /NDF: 7.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -5.609 $\pm$ 123.738 χ^2 /NDF: 13.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

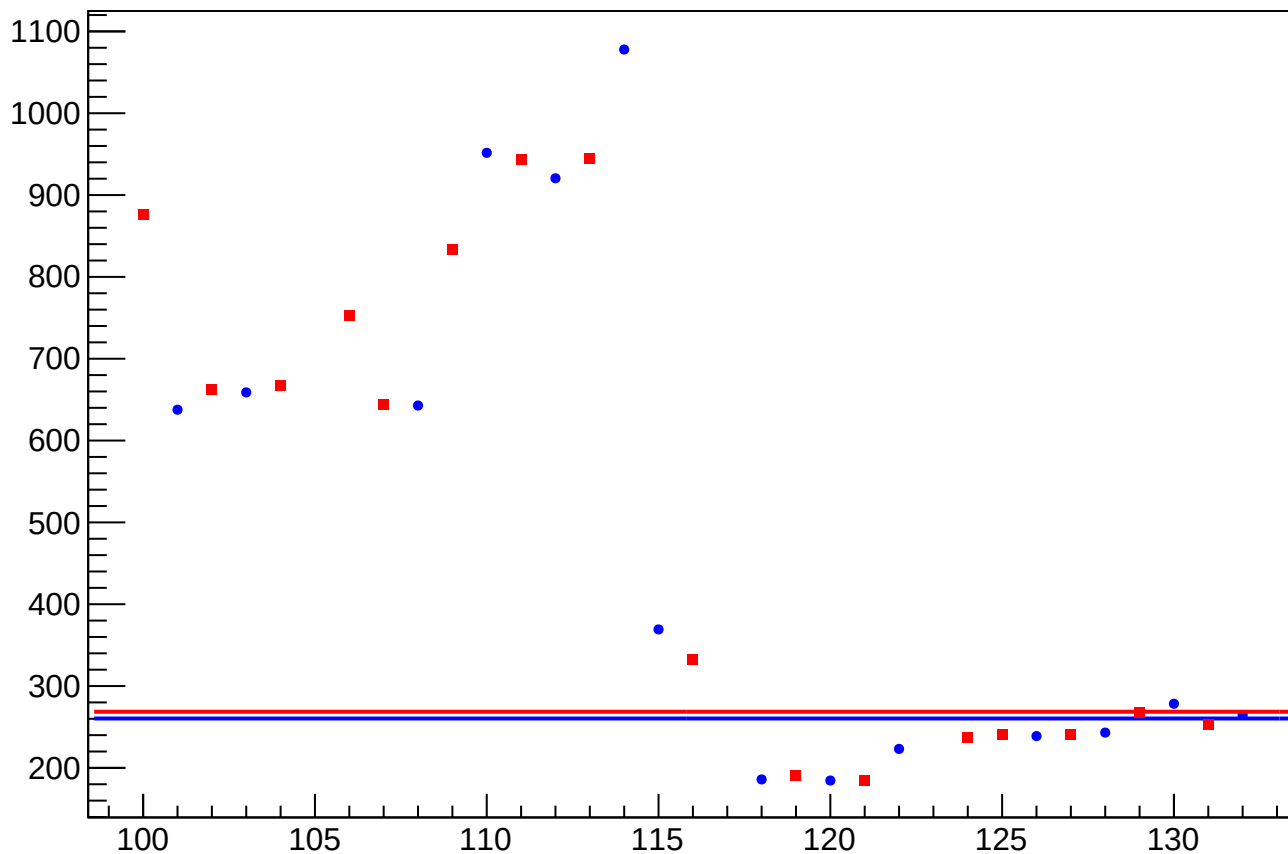
Right: 110.890 $\pm$ 86.281 χ^2 /NDF: 21.9/29

In: 221.132 $\pm$ 120.370 χ^2 /NDF:7.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 110.890 $\pm$ 86.281 χ^2 /NDF: 21.9/29

asym_sam_37_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 260.354+/-0.085 χ^2/NDF : 2579609.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 268.624+/-0.087 χ^2/NDF : 3184481.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

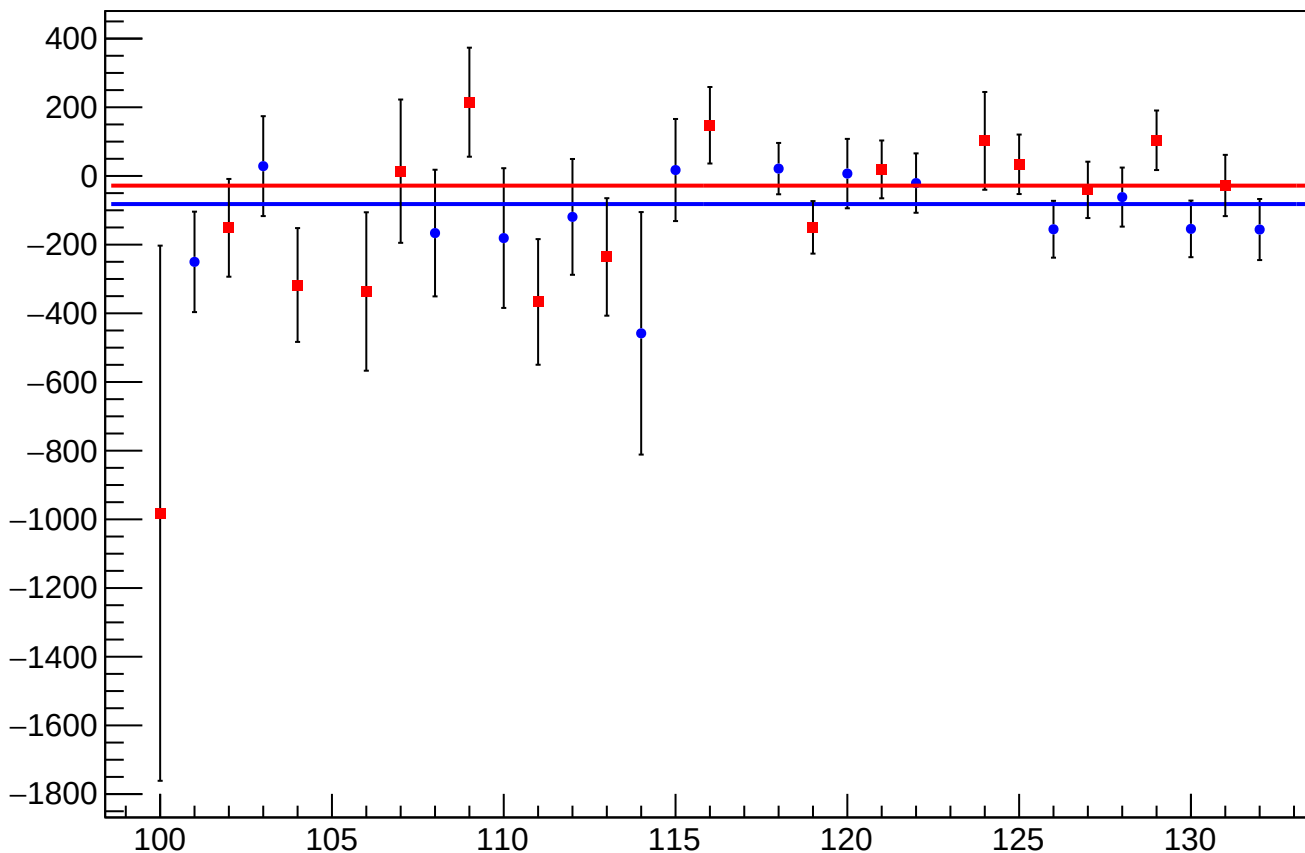
Right: 264.375+/-0.061 χ^2/NDF : 5768681.6/29

In: 260.354+/-0.085 χ^2/NDF :2579609.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 264.375+/-0.061 χ^2/NDF : 5768681.6/29

eigen_dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -81.866 ± 28.849 χ^2/NDF : 9.5/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -28.163 ± 28.685 χ^2/NDF : 23.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

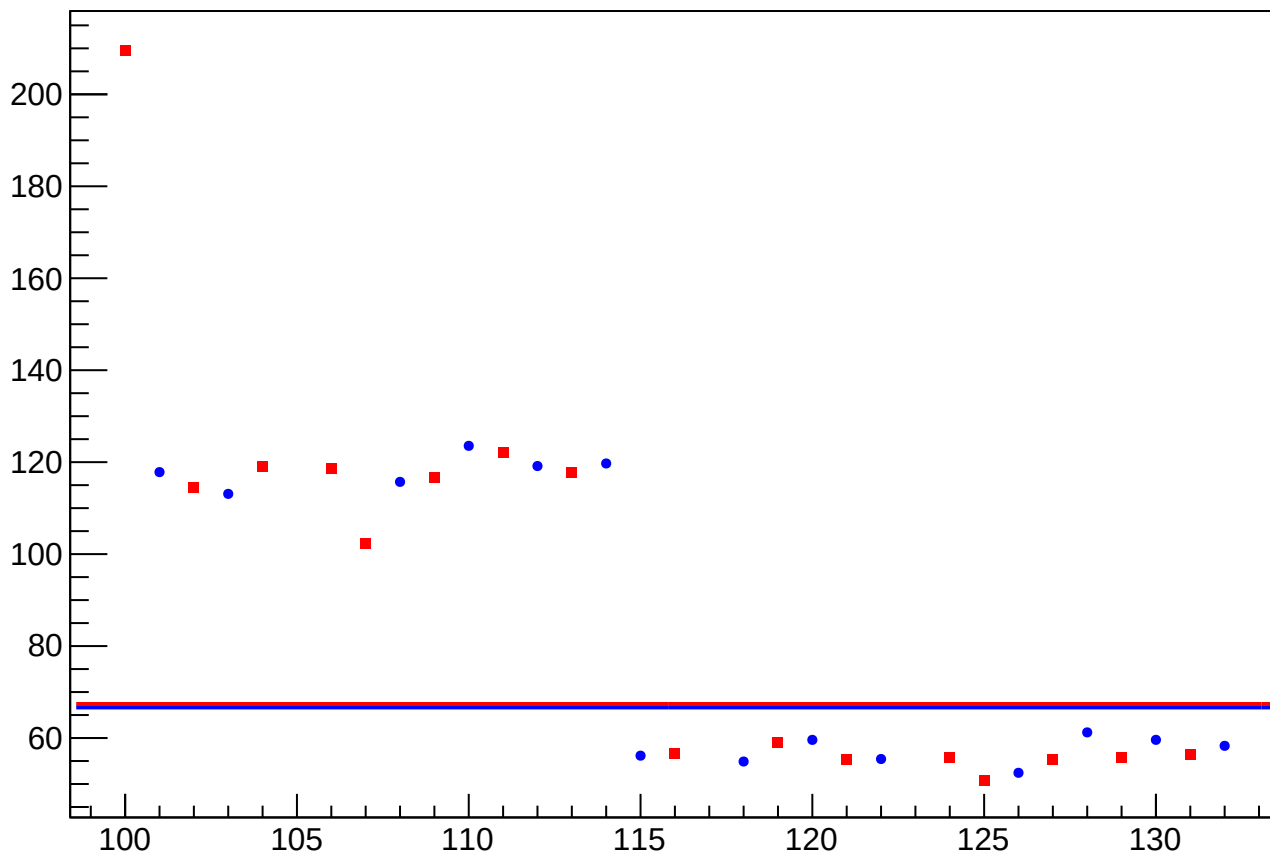
Right: -54.861 ± 20.341 χ^2/NDF : 34.6/29

In: -81.866 ± 28.849 χ^2/NDF : 9.5/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -54.861 ± 20.341 χ^2/NDF : 34.6/29

eigen_dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 66.656+/-0.020 χ^2/NDF : 1188006.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.402+/-0.020 χ^2/NDF : 1460598.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

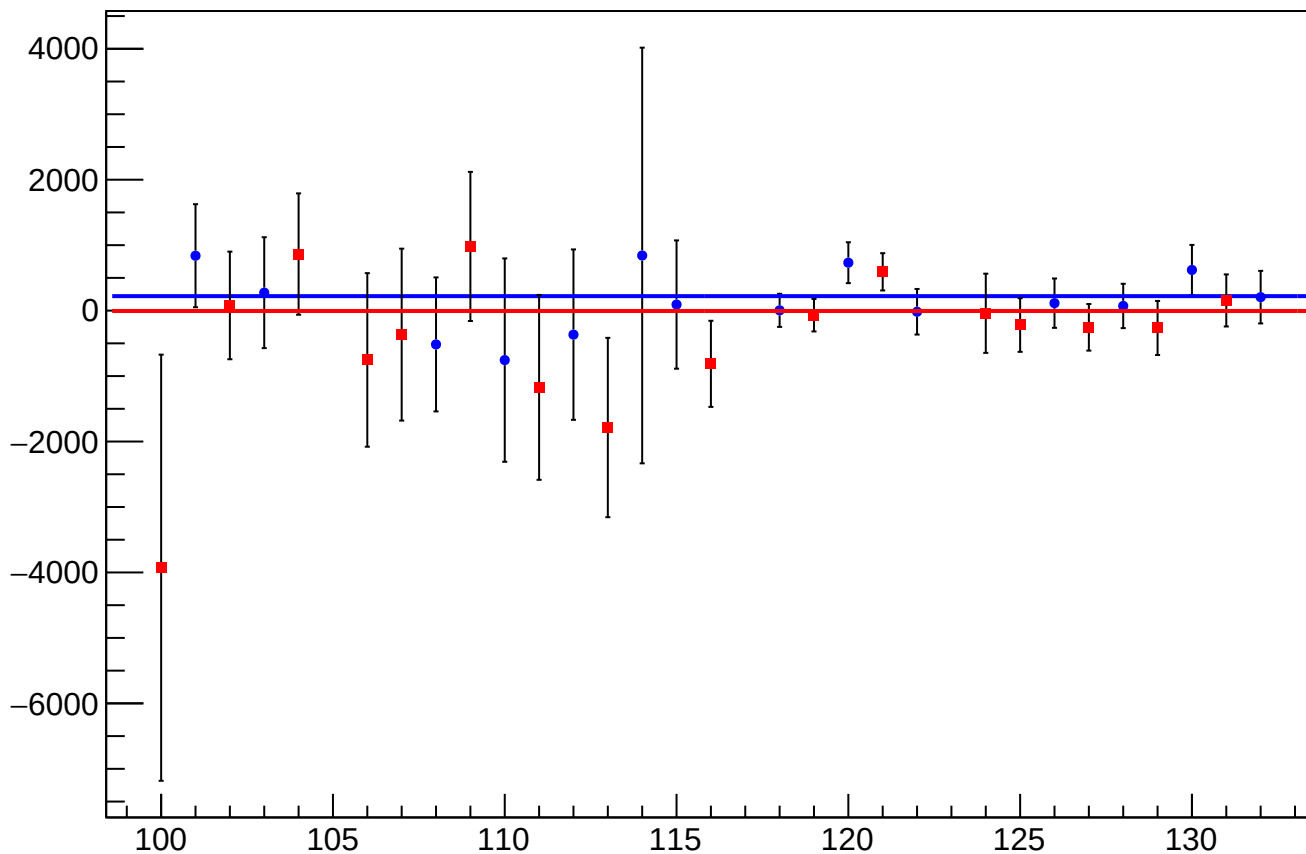
Right: 67.031+/-0.014 χ^2/NDF : 2649276.3/29

In: 66.656+/-0.020 χ^2/NDF : 1188006.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.031+/-0.014 χ^2/NDF : 2649276.3/29

asym_sam_37_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 221.131 $\pm$ 120.370 χ^2 /NDF: 7.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -5.611 $\pm$ 123.738 χ^2 /NDF: 13.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

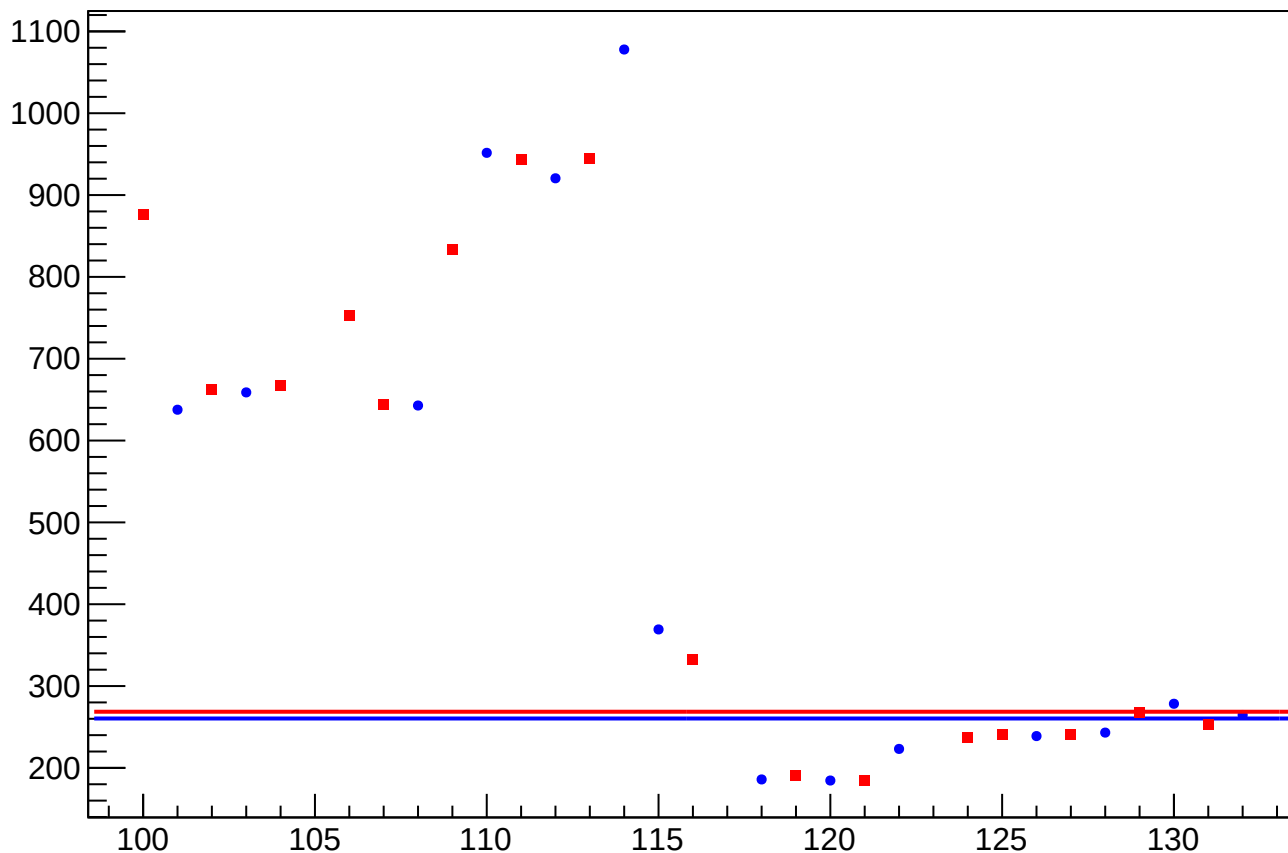
Right: 110.889 $\pm$ 86.280 χ^2 /NDF: 21.9/29

In: 221.131 $\pm$ 120.370 χ^2 /NDF:7.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 110.889 $\pm$ 86.280 χ^2 /NDF: 21.9/29

asym_sam_37_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 260.353+/-0.085 χ^2/NDF : 2579603.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 268.624+/-0.087 χ^2/NDF : 3184468.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

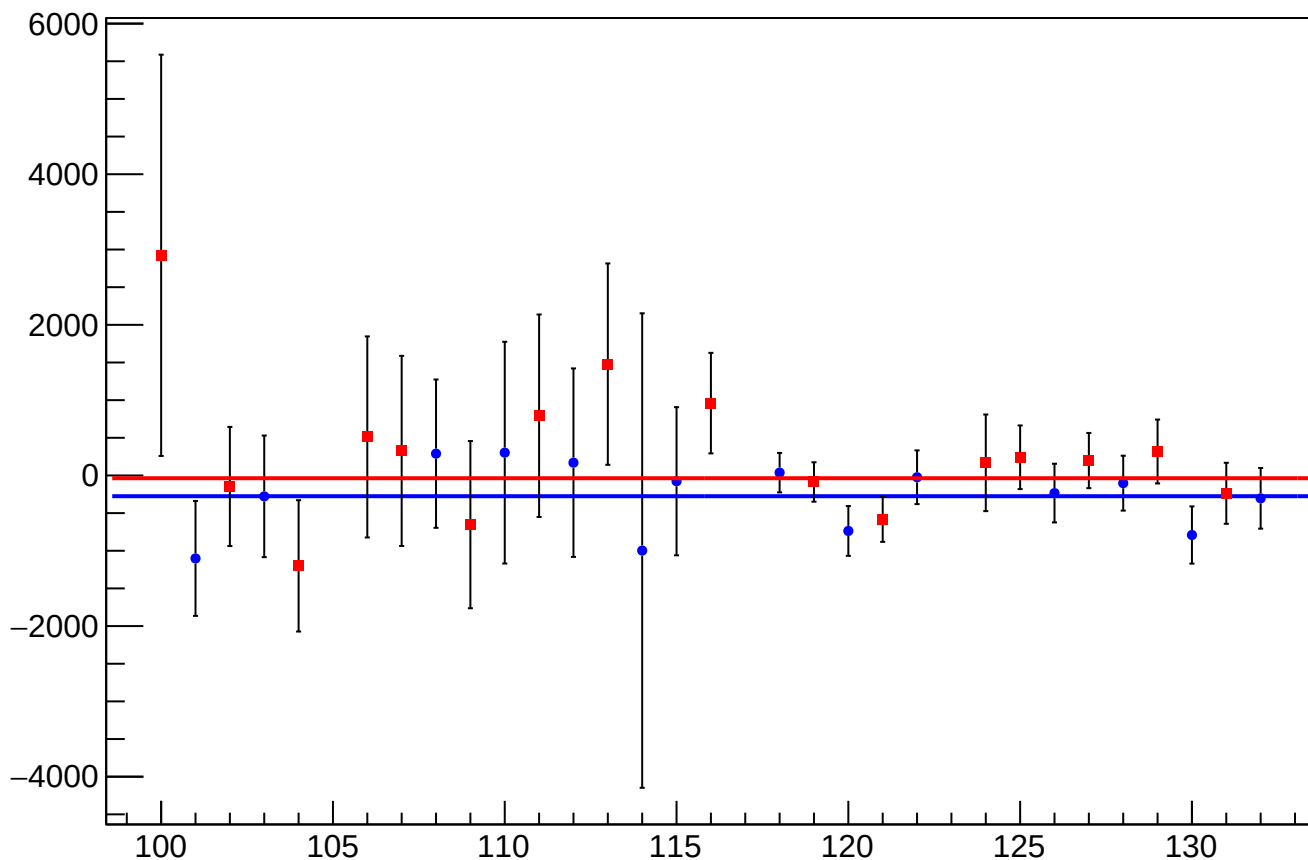
Right: 264.375+/-0.061 χ^2/NDF : 5768663.3/29

In: 260.353+/-0.085 χ^2/NDF :2579603.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 264.375+/-0.061 χ^2/NDF : 5768663.3/29

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -275.439+/-123.749 χ^2/NDF : 7.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.596+/-127.696 χ^2/NDF : 12.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

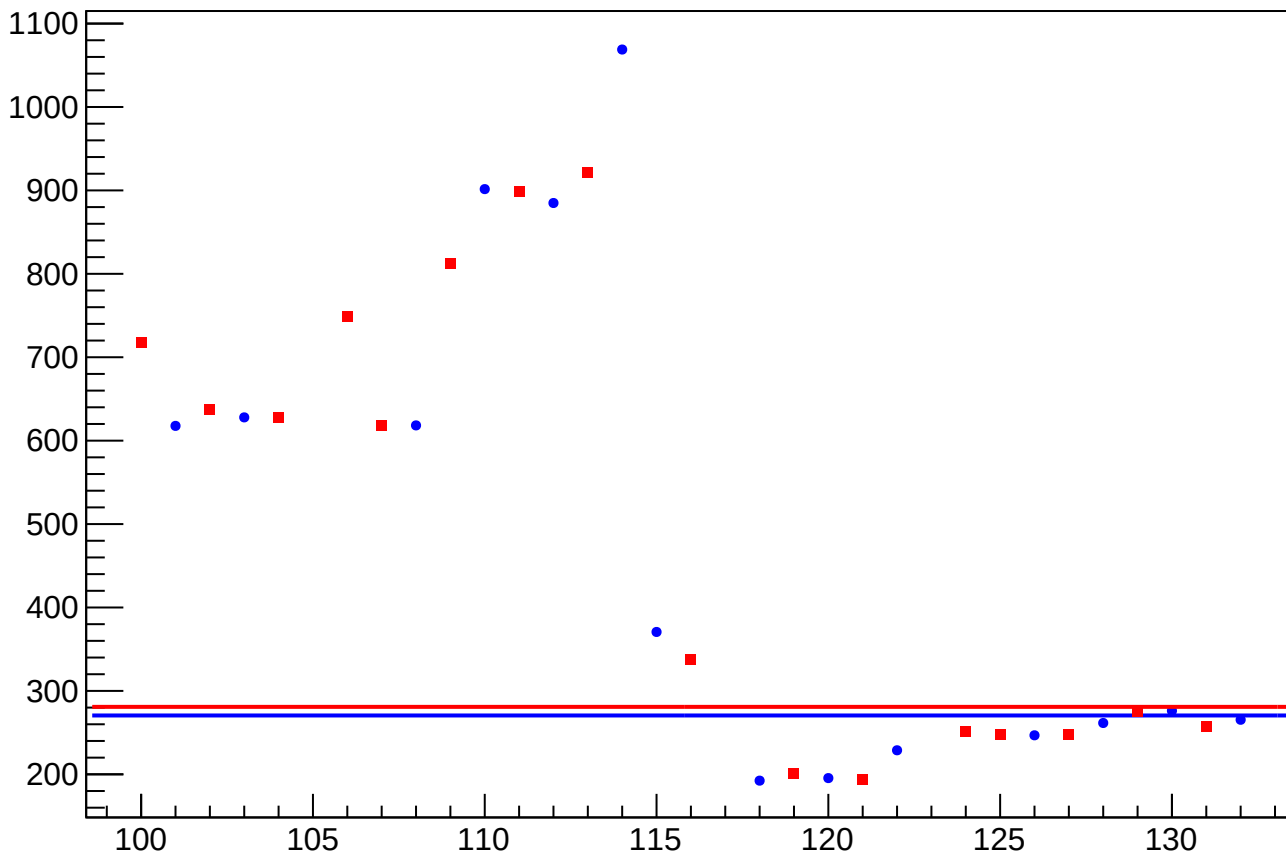
Right: -159.766+/-88.867 χ^2/NDF : 22.4/29

In: -275.439+/-123.749 χ^2/NDF : 7.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -159.766+/-88.867 χ^2/NDF : 22.4/29

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 270.550+/-0.088 χ^2/NDF : 2371785.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 280.879+/-0.090 χ^2/NDF : 2914839.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

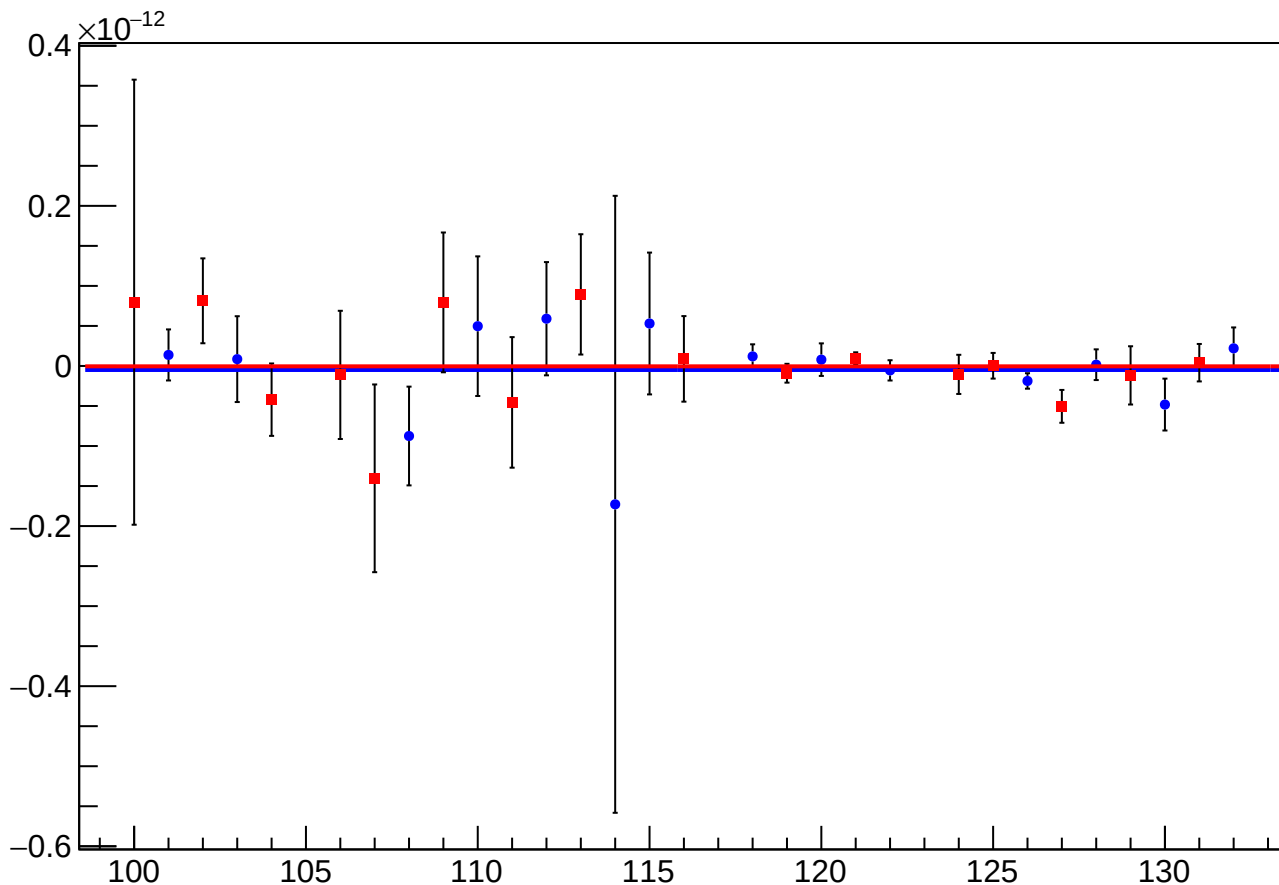
Right: 275.552+/-0.063 χ^2/NDF : 5293372.3/29

In: 270.550+/-0.088 χ^2/NDF : 2371785.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 275.552+/-0.063 χ^2/NDF : 5293372.3/29

asym_sam_37_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

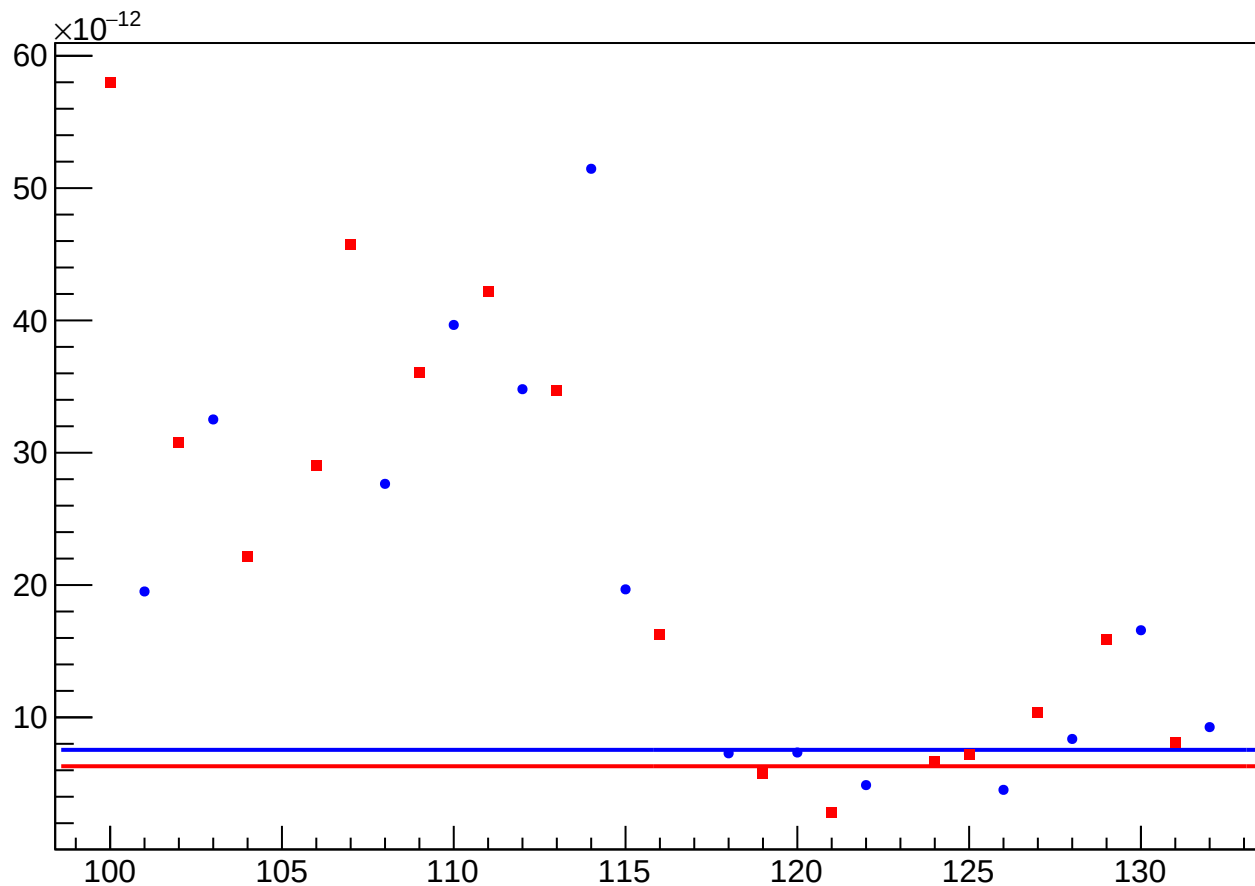
Right: -0.000+/-0.000 χ^2/NDF : 26.9/29

In: -0.000+/-0.000 χ^2/NDF : 10.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.9/29

asym_sam_37_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2013209.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2774976.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

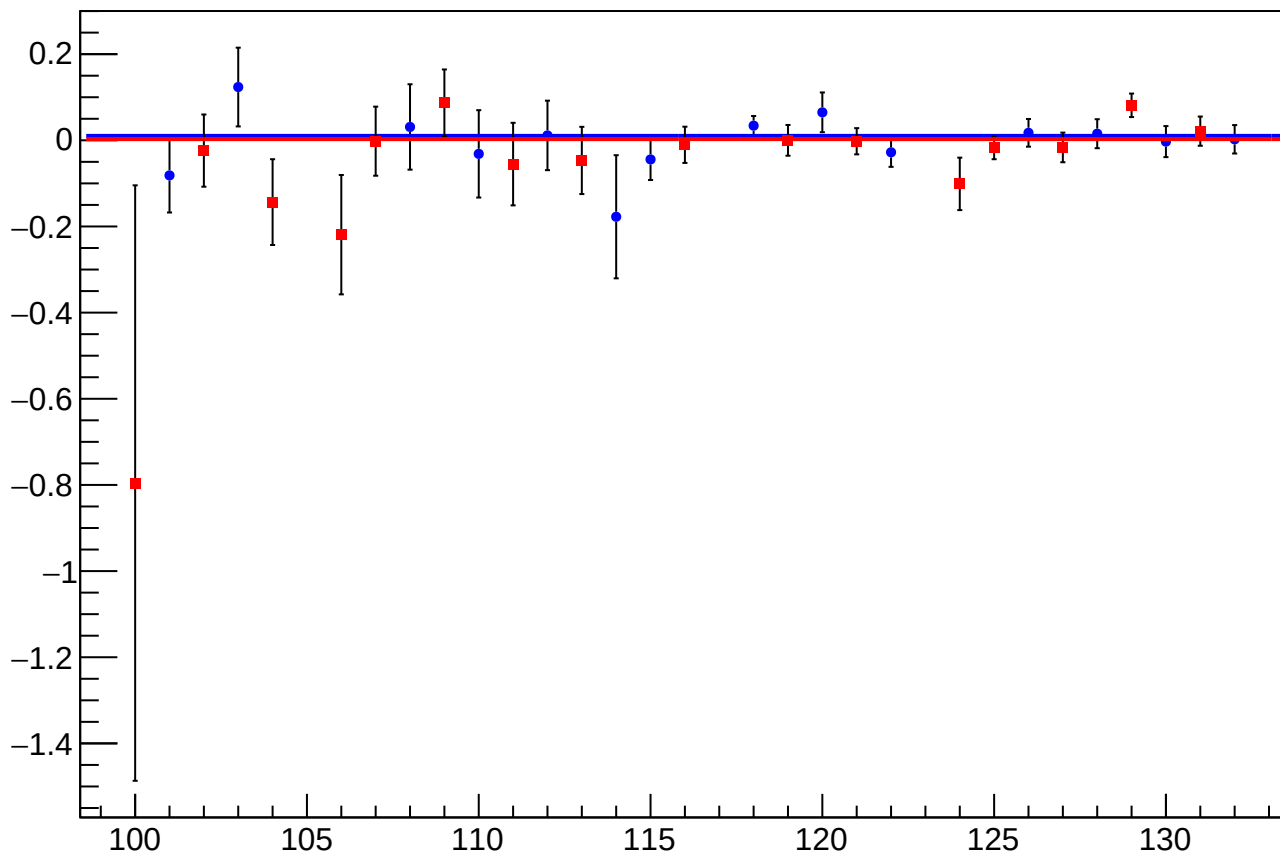
Right: 0.000+/-0.000 χ^2/NDF : 4840029.0/29

In: 0.000+/-0.000 χ^2/NDF : 2013209.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4840029.0/29

asym_sam_37_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.011 χ^2 /NDF: 10.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.011 χ^2 /NDF: 20.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

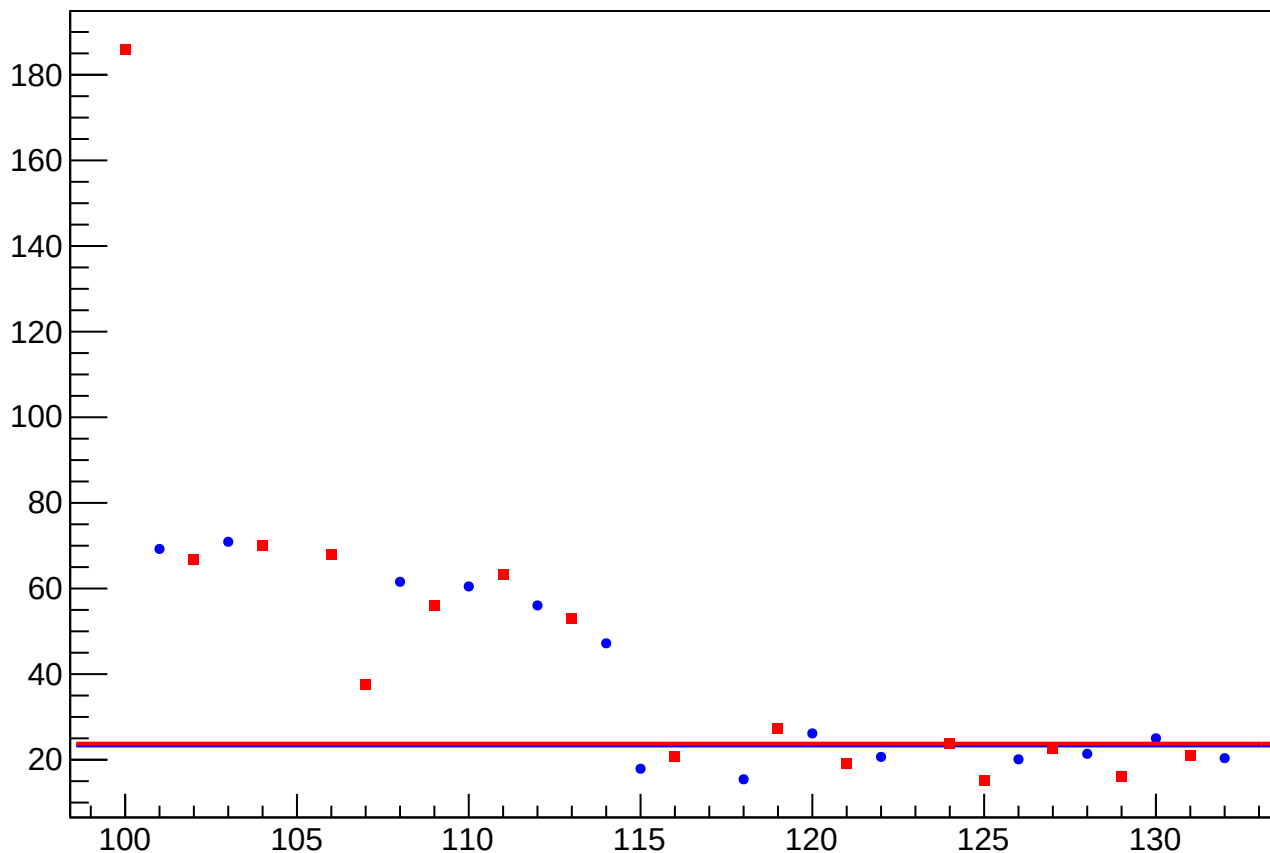
Right: 0.007 $\pm$ 0.008 χ^2 /NDF: 30.8/29

In: 0.010 $\pm$ 0.011 χ^2 /NDF:10.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.007 $\pm$ 0.008 χ^2 /NDF: 30.8/29

asym_sam_37_26_dd_dit_vs_slug, Sign Corrected



Right In: 23.352+/-0.008 χ^2/NDF : 2403408.3/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 23.759+/-0.008 χ^2/NDF : 2762442.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

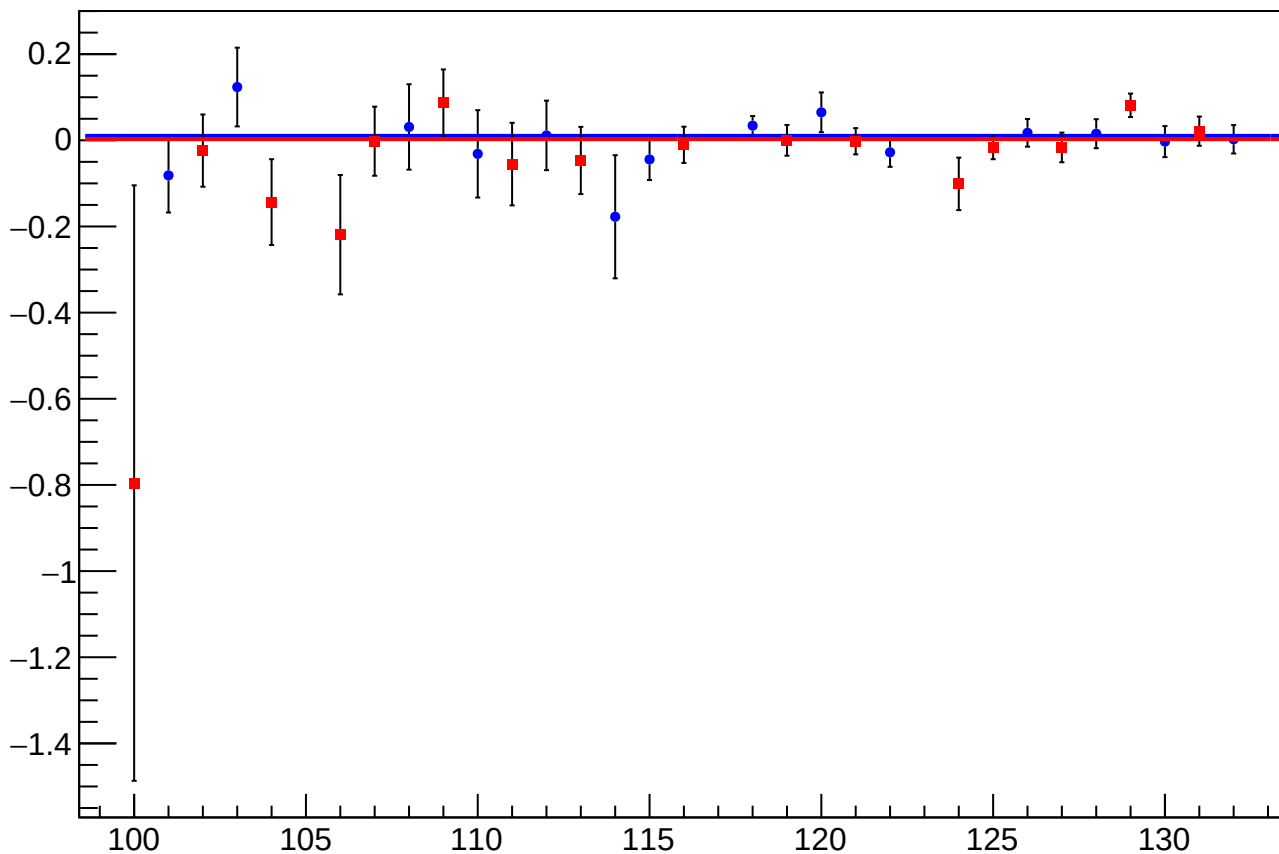
Right: 23.557+/-0.006 χ^2/NDF : 5167181.3/29

In: 23.352+/-0.008 χ^2/NDF :2403408.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.557+/-0.006 χ^2/NDF : 5167181.3/29

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.011 χ^2 /NDF: 10.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.011 χ^2 /NDF: 20.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

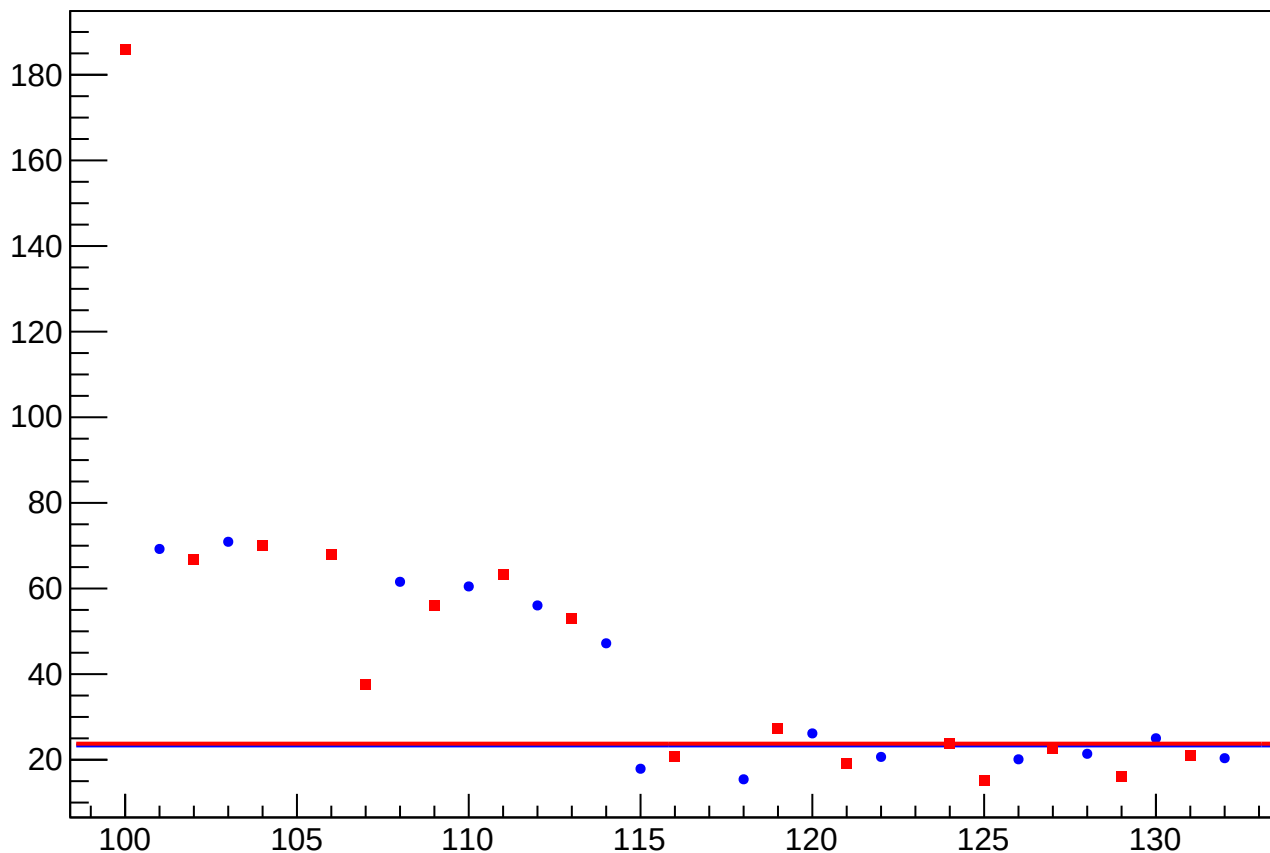
Right: 0.007 $\pm$ 0.008 χ^2 /NDF: 30.8/29

In: 0.010 $\pm$ 0.011 χ^2 /NDF:10.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.007 $\pm$ 0.008 χ^2 /NDF: 30.8/29

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.352+/-0.008 χ^2/NDF : 2403408.3/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 23.759+/-0.008 χ^2/NDF : 2762442.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

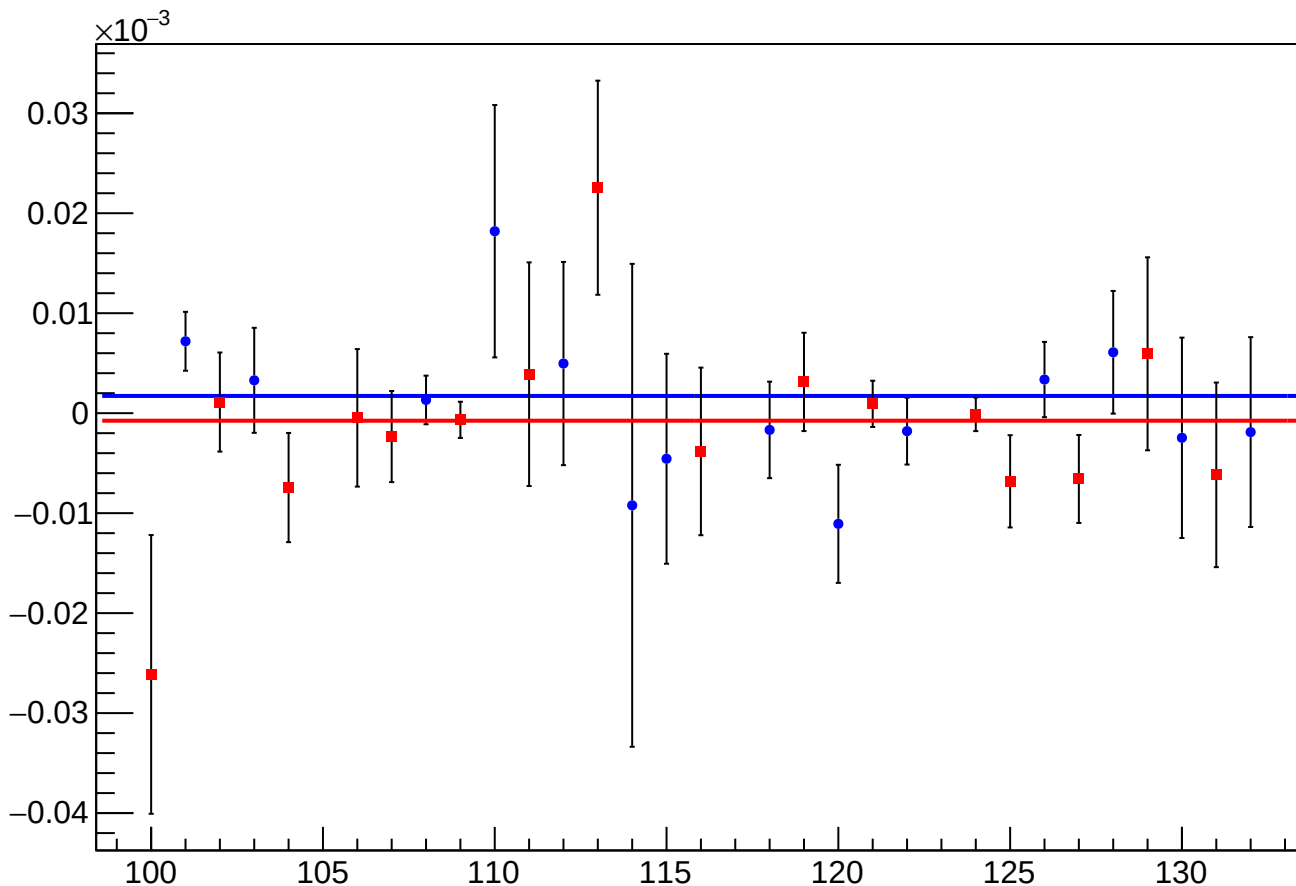
Right: 23.557+/-0.006 χ^2/NDF : 5167181.3/29

In: 23.352+/-0.008 χ^2/NDF :2403408.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.557+/-0.006 χ^2/NDF : 5167181.3/29

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 13.2/13

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 +/- 0.000 χ^2/NDF : 15.7/15

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

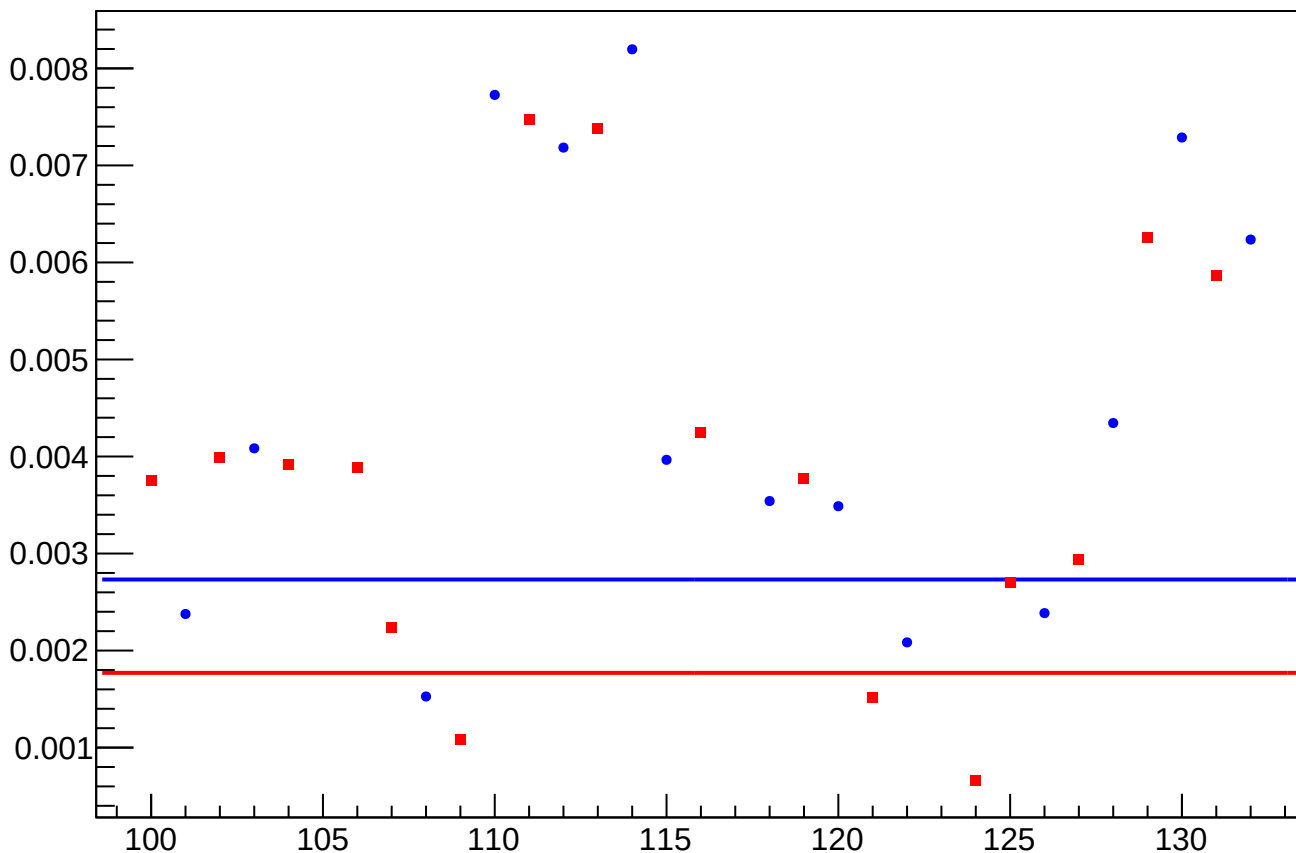
Right: 0.000 +/- 0.000 χ^2/NDF : 31.5/29

In: 0.000 +/- 0.000 χ^2/NDF : 13.2/13

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 0.000 +/- 0.000 χ^2/NDF : 31.5/29

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000

χ^2/NDF : 2485422.4/13

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000

χ^2/NDF : 4775693.6/15

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.002+/-0.000

χ^2/NDF : 8020756.8/29

In: 0.003+/-0.000

χ^2/NDF : 2485422.4/13

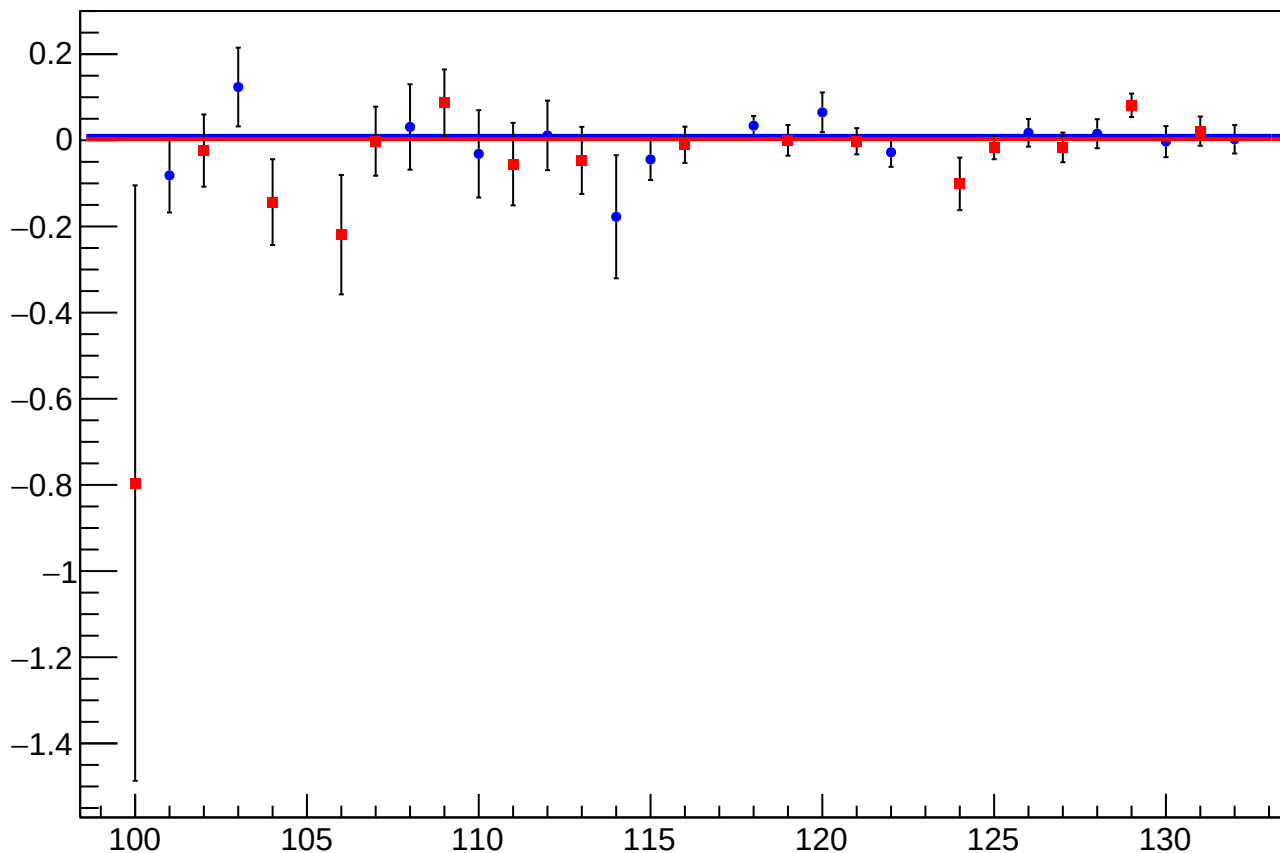
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.002+/-0.000

χ^2/NDF : 8020756.8/29

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.011 χ^2 /NDF: 10.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.011 χ^2 /NDF: 20.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

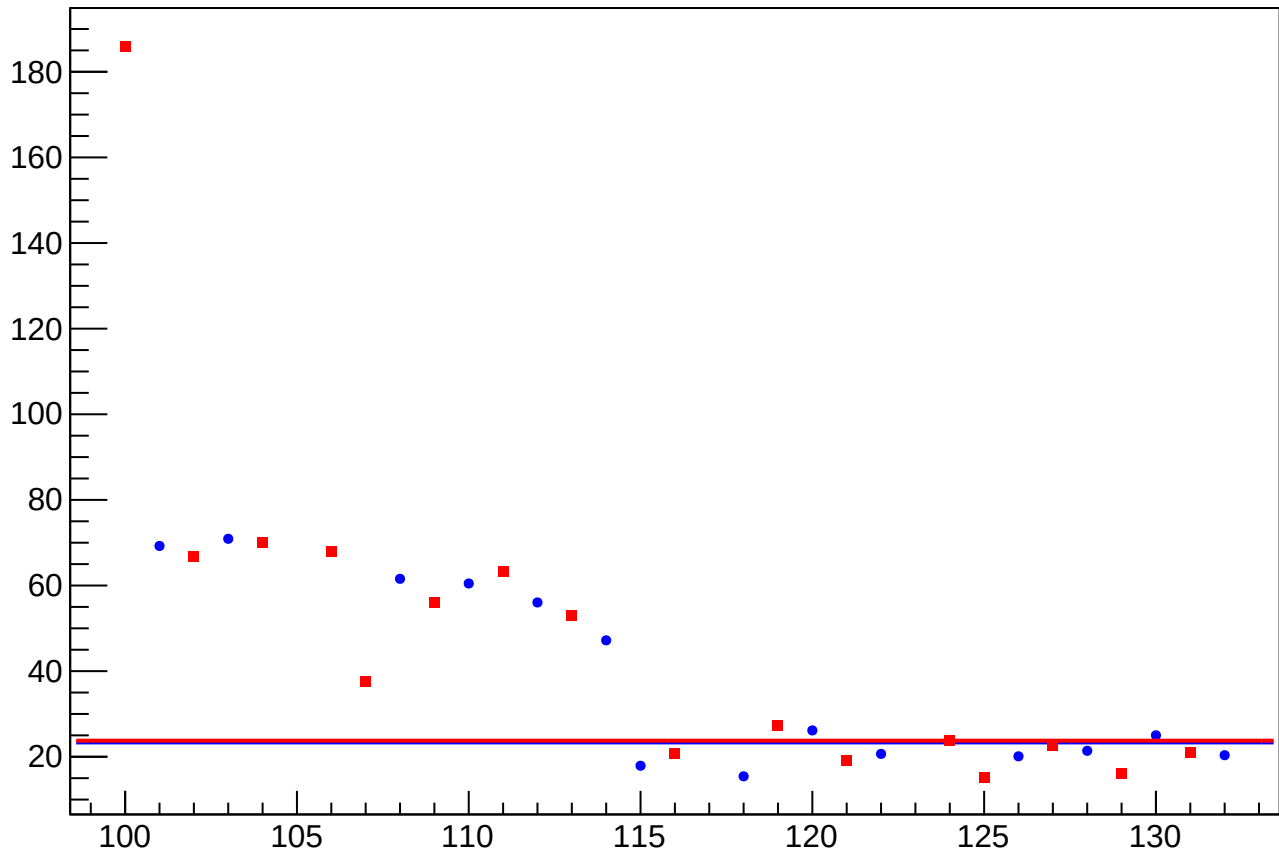
Right: 0.007 $\pm$ 0.008 χ^2 /NDF: 30.8/29

In: 0.010 $\pm$ 0.011 χ^2 /NDF:10.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.007 $\pm$ 0.008 χ^2 /NDF: 30.8/29

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.350+/-0.008 χ^2/NDF : 2403445.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.758+/-0.008 χ^2/NDF : 2762388.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

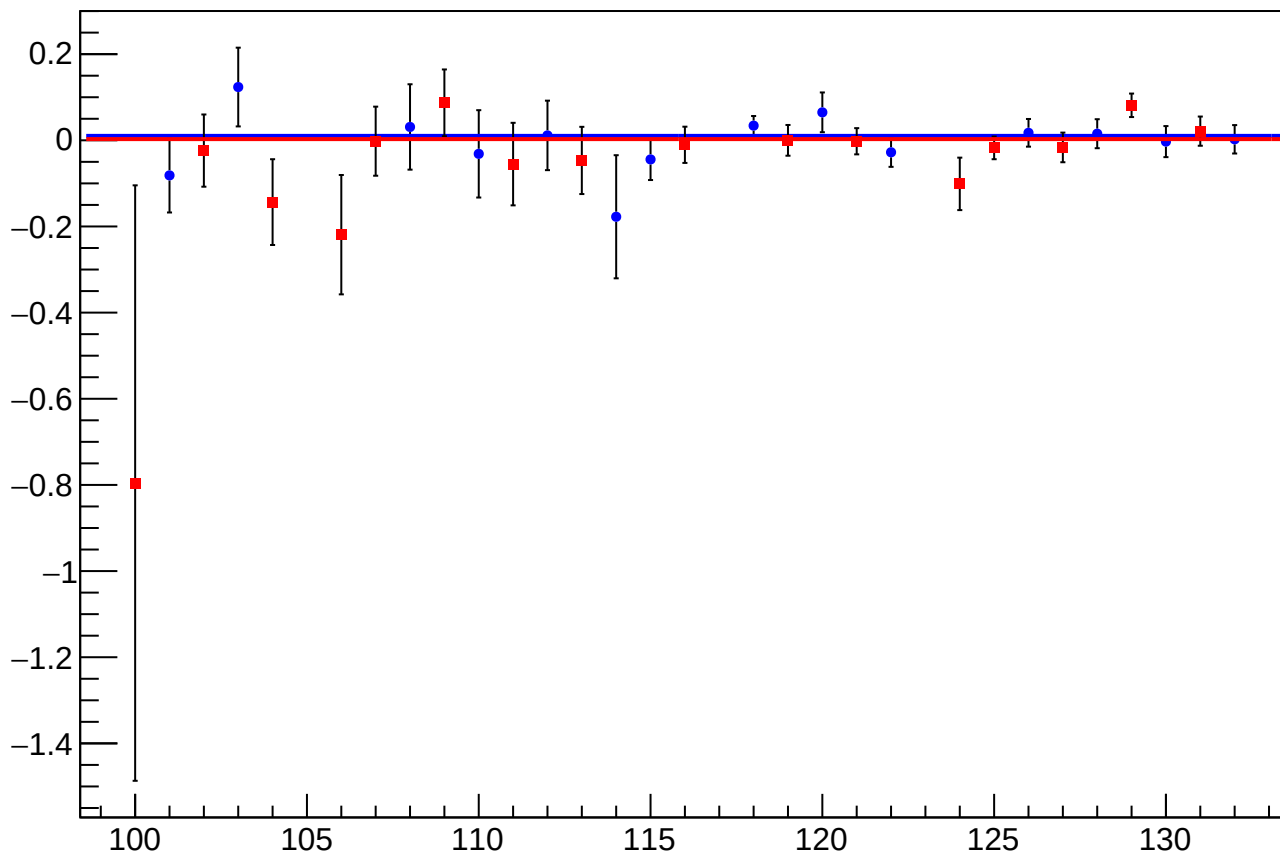
Right: 23.556+/-0.006 χ^2/NDF : 5167172.2/29

In: 23.350+/-0.008 χ^2/NDF : 2403445.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.556+/-0.006 χ^2/NDF : 5167172.2/29

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010+/-0.011 χ^2/NDF : 10.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.011 χ^2/NDF : 20.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

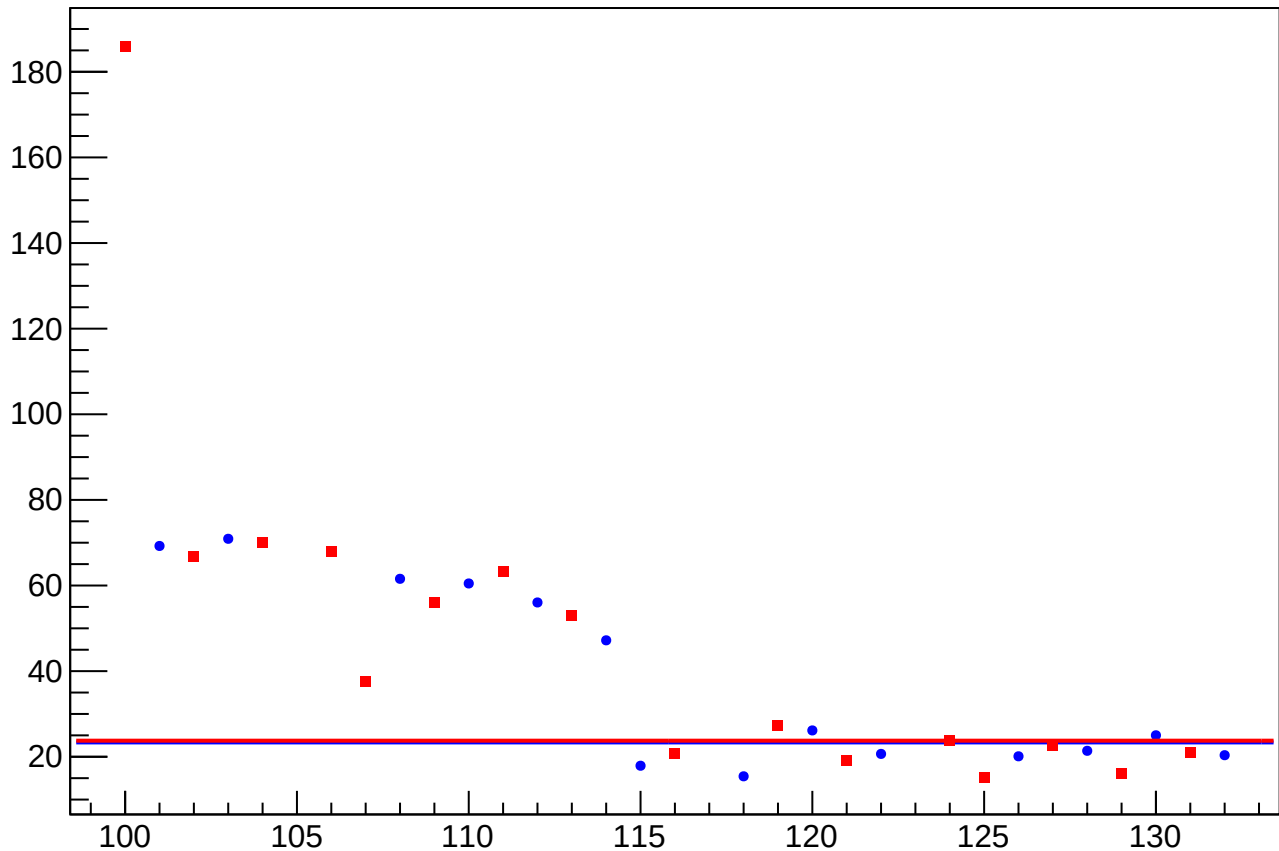
Right: 0.007+/-0.008 χ^2/NDF : 30.8/29

In: 0.010+/-0.011 χ^2/NDF :10.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.008 χ^2/NDF : 30.8/29

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.350+/-0.008 χ^2/NDF : 2403445.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.758+/-0.008 χ^2/NDF : 2762388.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

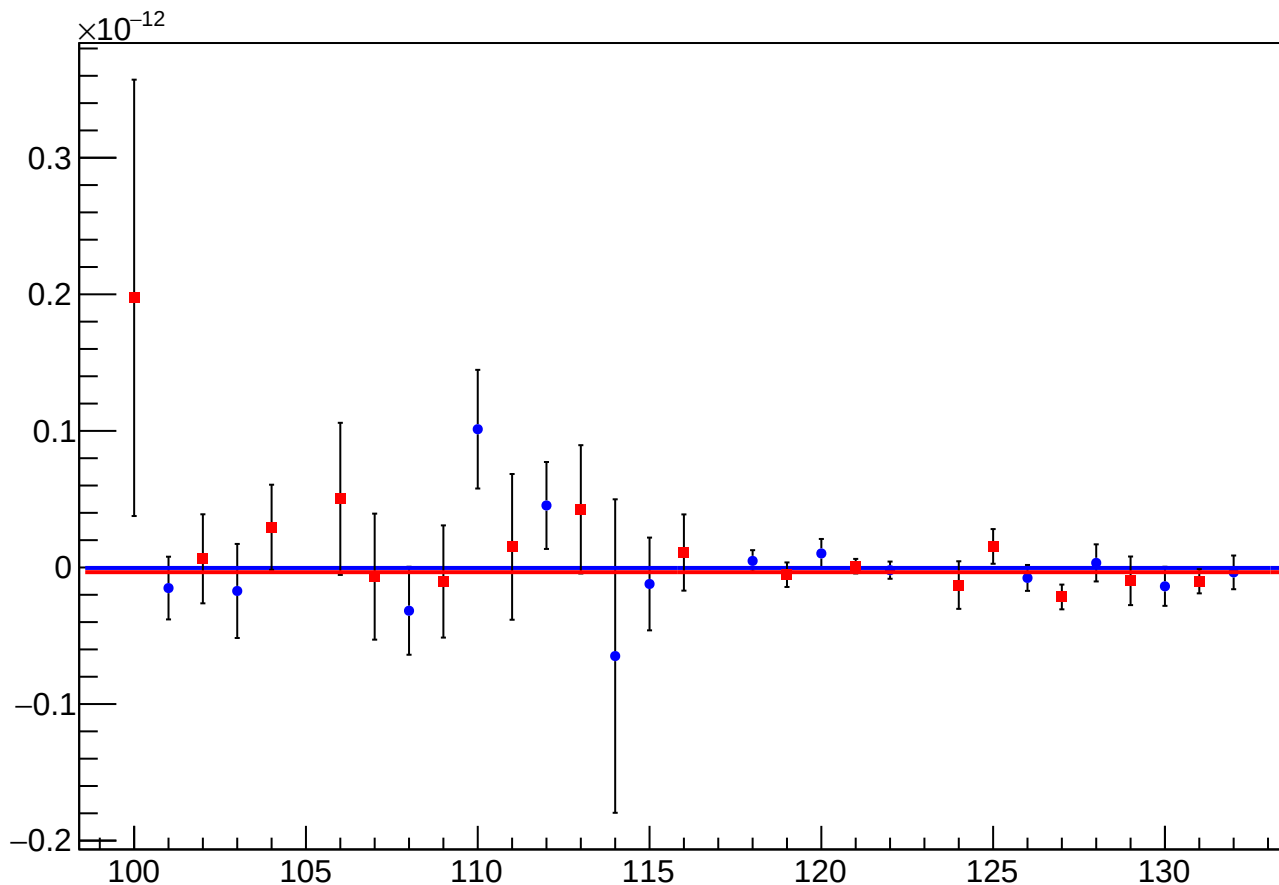
Right: 23.556+/-0.006 χ^2/NDF : 5167172.2/29

In: 23.350+/-0.008 χ^2/NDF : 2403445.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.556+/-0.006 χ^2/NDF : 5167172.2/29

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

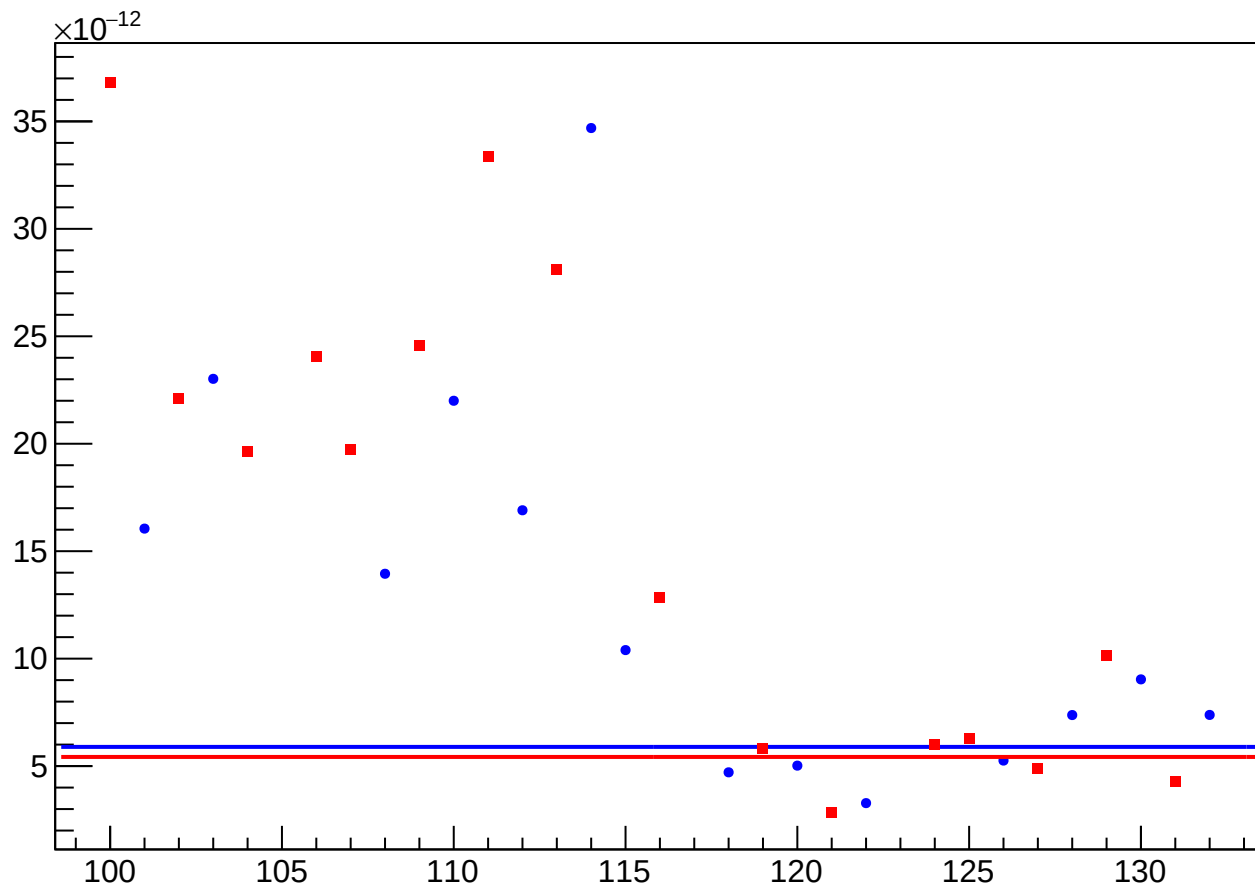
Right: -0.000+/-0.000 χ^2/NDF : 26.1/29

In: -0.000+/-0.000 χ^2/NDF : 12.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.1/29

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2249609.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3697230.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

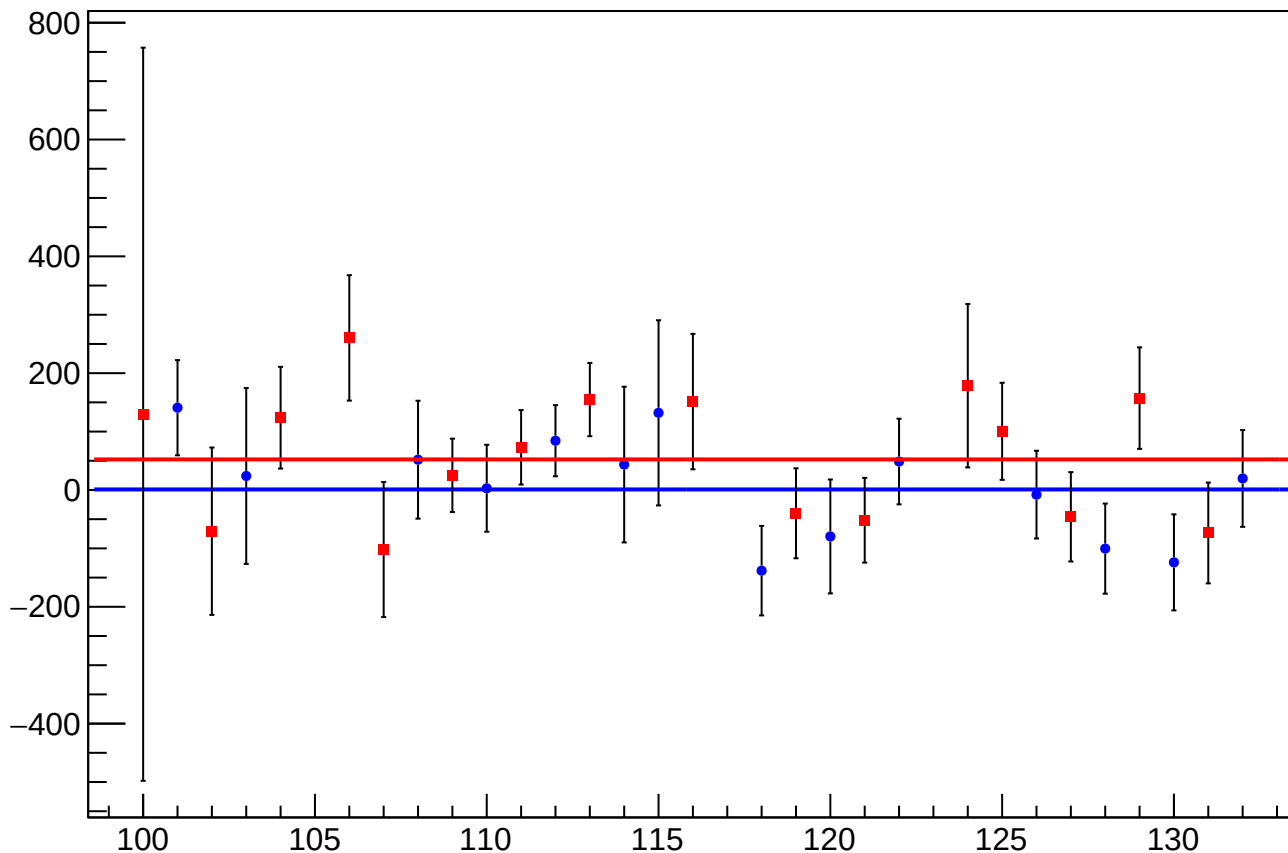
Right: 0.000+/-0.000 χ^2/NDF : 5965965.4/29

In: 0.000+/-0.000 χ^2/NDF : 2249609.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5965965.4/29

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 0.929 ± 22.705 χ^2/NDF : 14.4/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 52.327 ± 21.494 χ^2/NDF : 20.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

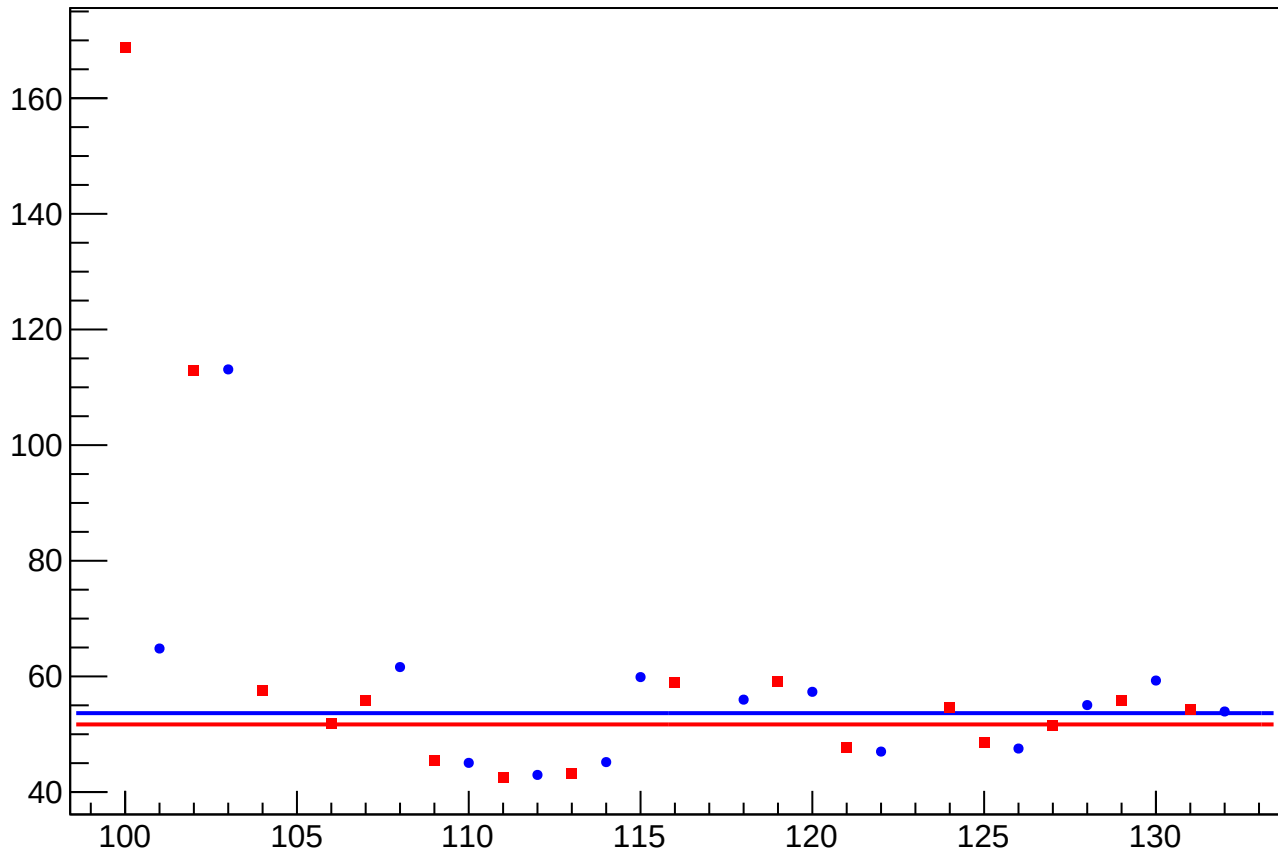
Right: 28.035 ± 15.609 χ^2/NDF : 37.6/29

In: 0.929 ± 22.705 χ^2/NDF : 14.4/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 28.035 ± 15.609 χ^2/NDF : 37.6/29

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 53.648 $\pm$ 0.016 χ^2 /NDF: 505904.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 51.697 $\pm$ 0.015 χ^2 /NDF: 587326.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

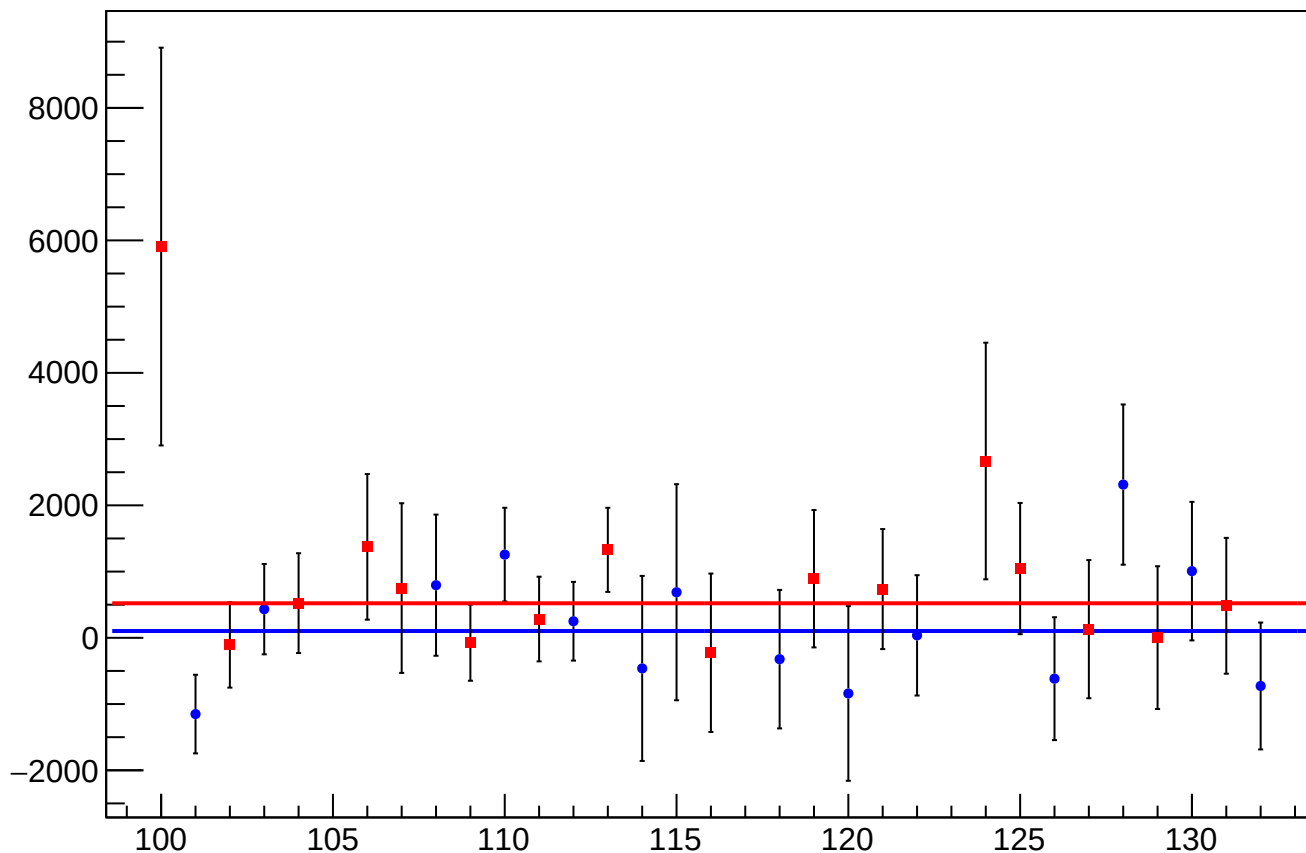
Right: 52.619 $\pm$ 0.011 χ^2 /NDF: 1101019.8/29

In: 53.648 $\pm$ 0.016 χ^2 /NDF:505904.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 52.619 $\pm$ 0.011 χ^2 /NDF: 1101019.8/29

asym_sam_1357_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 102.612 $\pm$ 234.790 χ^2 /NDF: 14.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 521.481 $\pm$ 220.433 χ^2 /NDF: 10.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

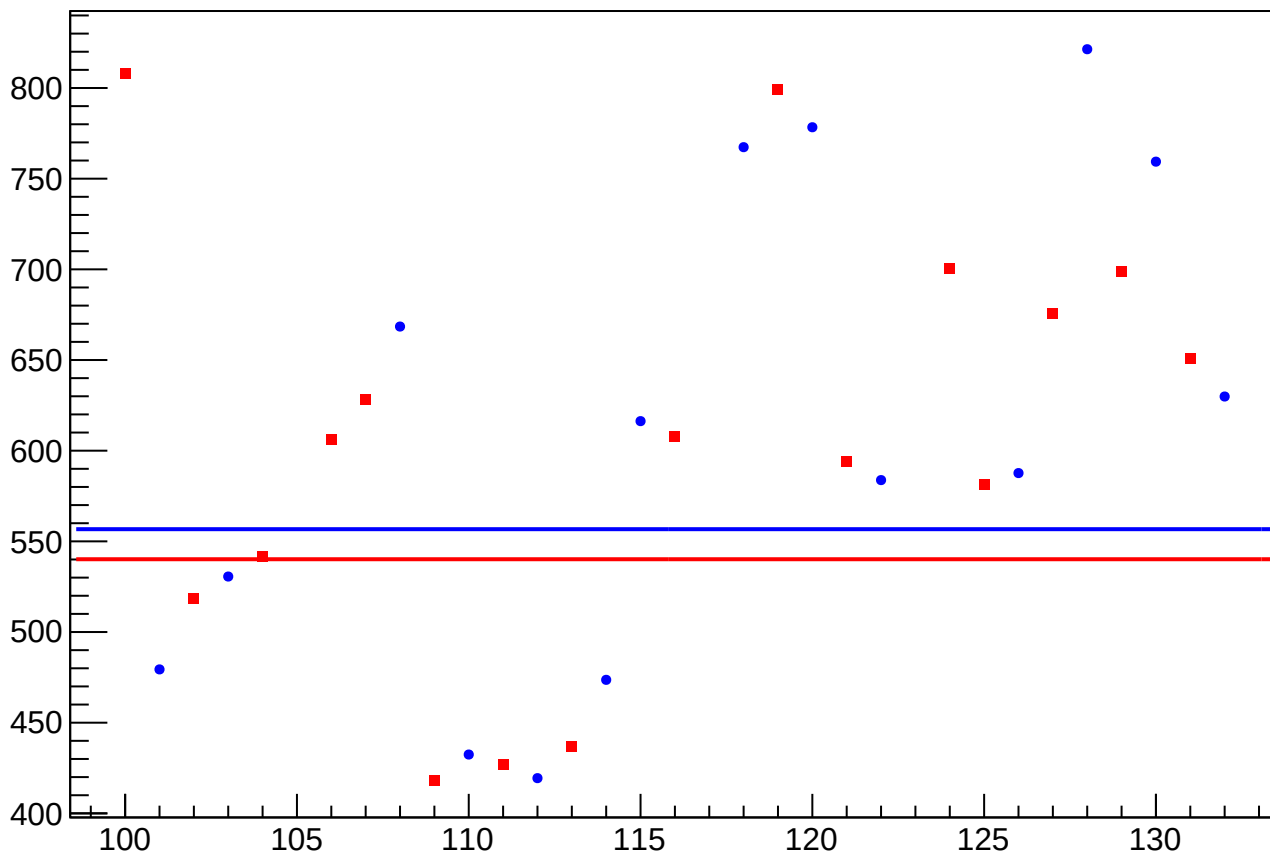
Right: 325.243 $\pm$ 160.706 χ^2 /NDF: 26.2/29

In: 102.612 $\pm$ 234.790 χ^2 /NDF:14.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 325.243 $\pm$ 160.706 χ^2 /NDF: 26.2/29

asym_sam_1357_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 556.713+/-0.166 χ^2/NDF : 561316.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 540.140+/-0.156 χ^2/NDF : 498407.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

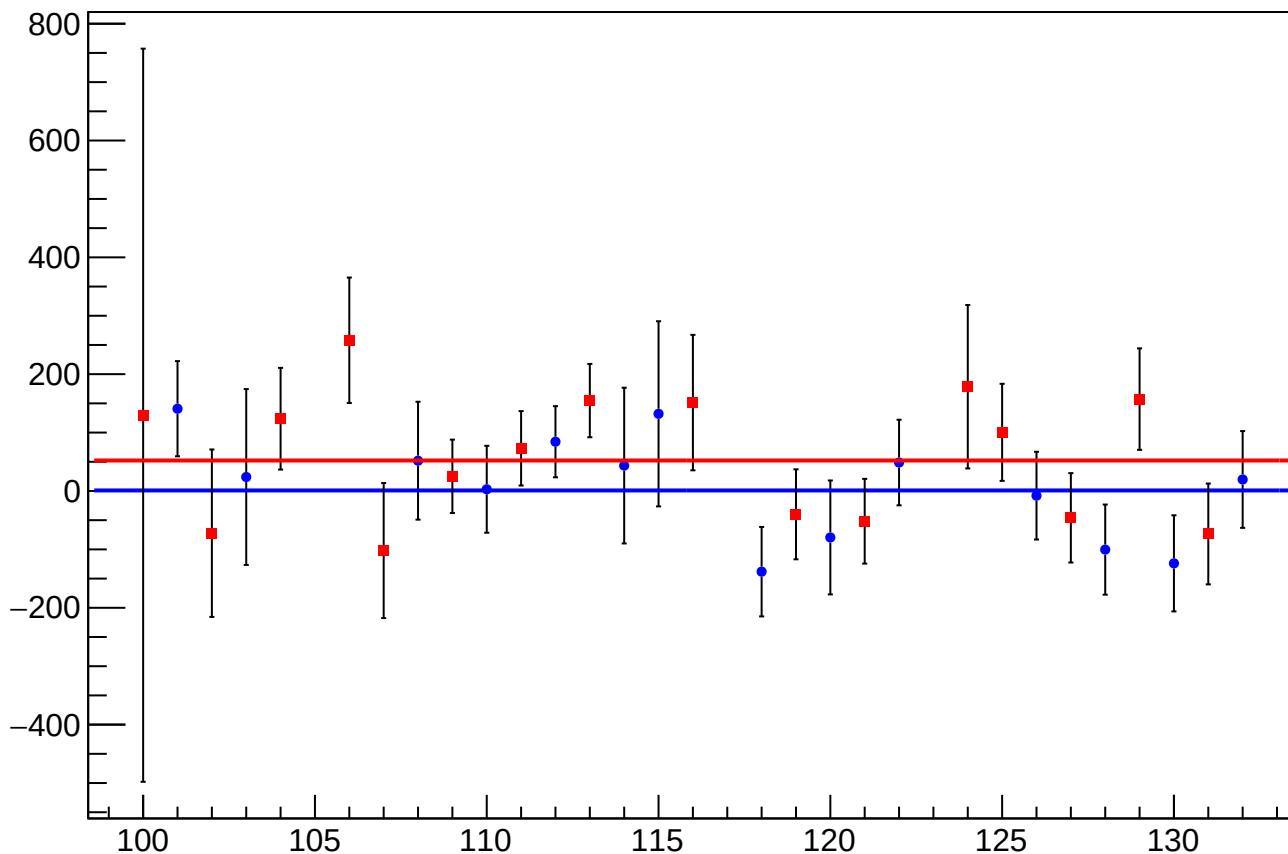
Right: 547.905+/-0.114 χ^2/NDF : 1065020.5/29

In: 556.713+/-0.166 χ^2/NDF : 561316.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 547.905+/-0.114 χ^2/NDF : 1065020.5/29

cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 0.922 ± 22.705 $\chi^2/\text{NDF}: 14.4/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 52.186 ± 21.495 $\chi^2/\text{NDF}: 20.5/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

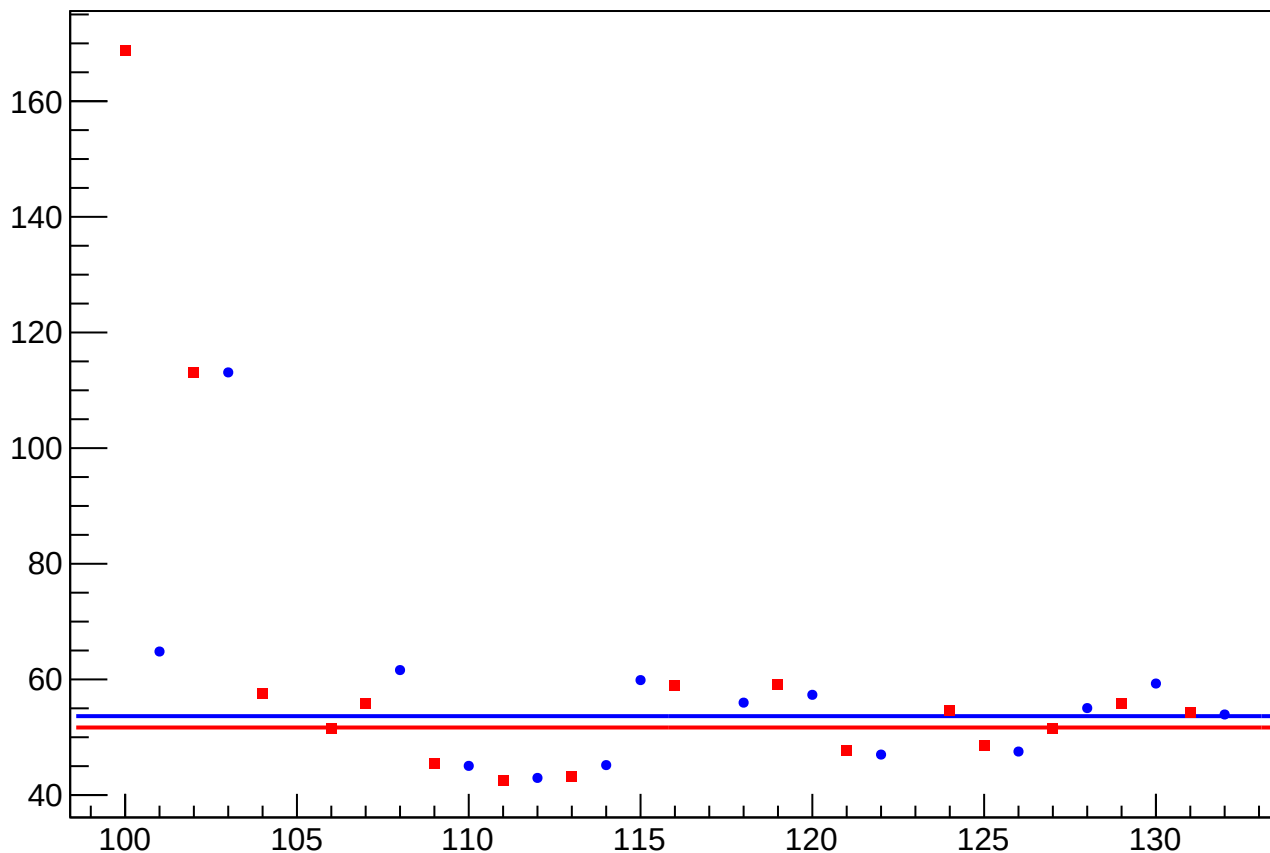
Right: 27.956 ± 15.609 $\chi^2/\text{NDF}: 37.5/29$

In: 0.922 ± 22.705 $\chi^2/\text{NDF}: 14.4/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 27.956 ± 15.609 $\chi^2/\text{NDF}: 37.5/29$

cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 53.648+/-0.016 χ^2/NDF : 505906.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.685+/-0.015 χ^2/NDF : 587562.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

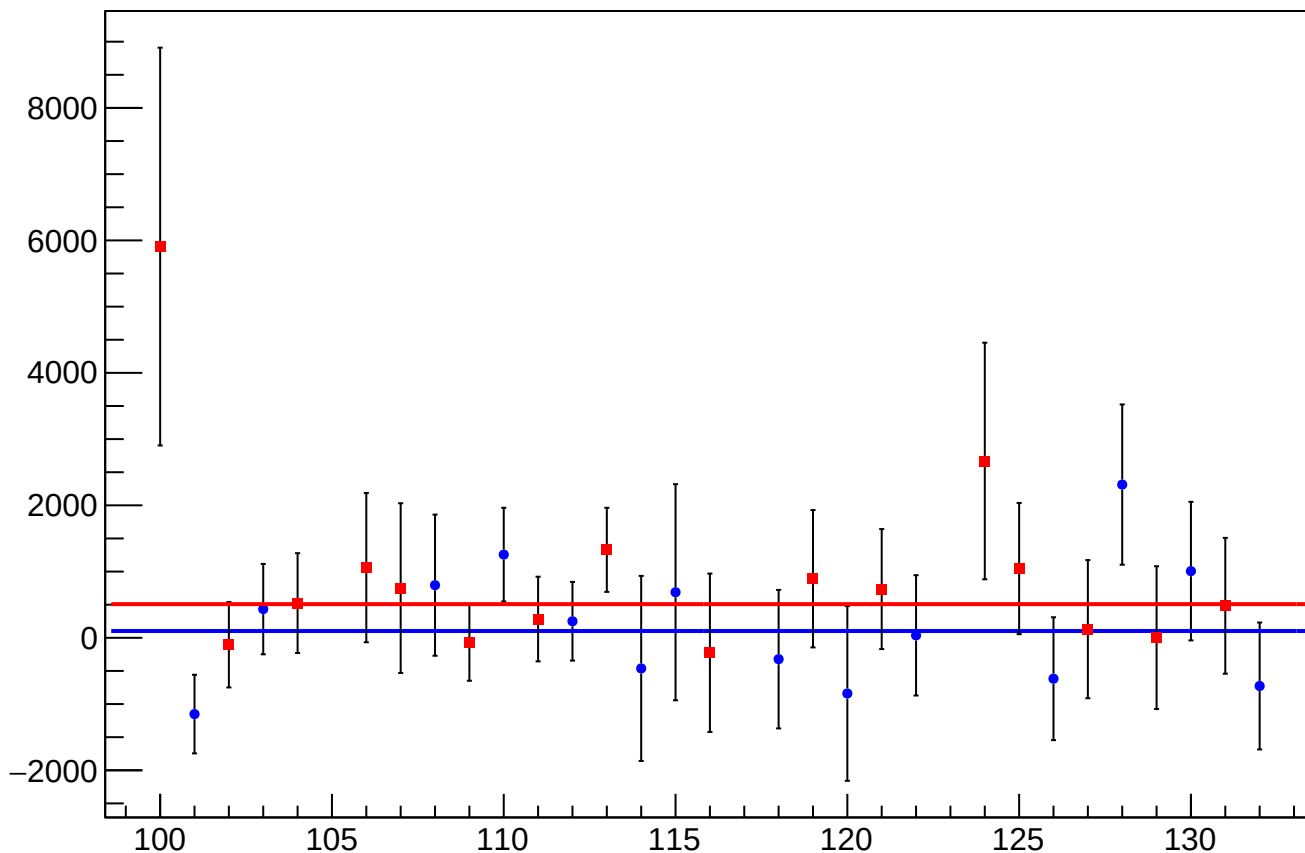
Right: 52.613+/-0.011 χ^2/NDF : 1101356.2/29

In: 53.648+/-0.016 χ^2/NDF : 505906.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.613+/-0.011 χ^2/NDF : 1101356.2/29

asym_sam_1357_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 102.647 $\pm$ 234.793 χ^2 /NDF: 14.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 508.345 $\pm$ 220.677 χ^2 /NDF: 9.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

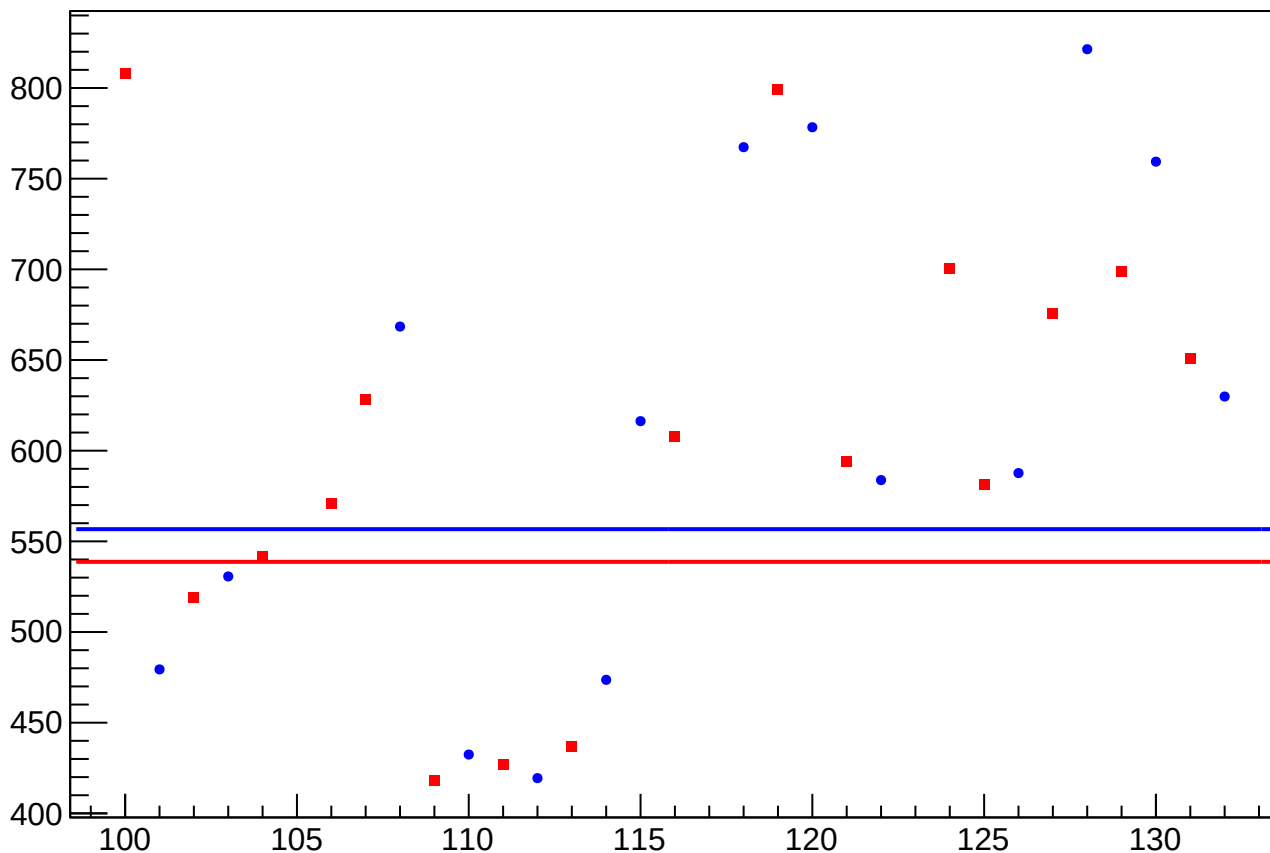
Right: 318.057 $\pm$ 160.801 χ^2 /NDF: 25.8/29

In: 102.647 $\pm$ 234.793 χ^2 /NDF:14.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 318.057 $\pm$ 160.801 χ^2 /NDF: 25.8/29

asym_sam_1357_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 556.721+/-0.166 χ^2/NDF : 561302.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 538.712+/-0.156 χ^2/NDF : 492475.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

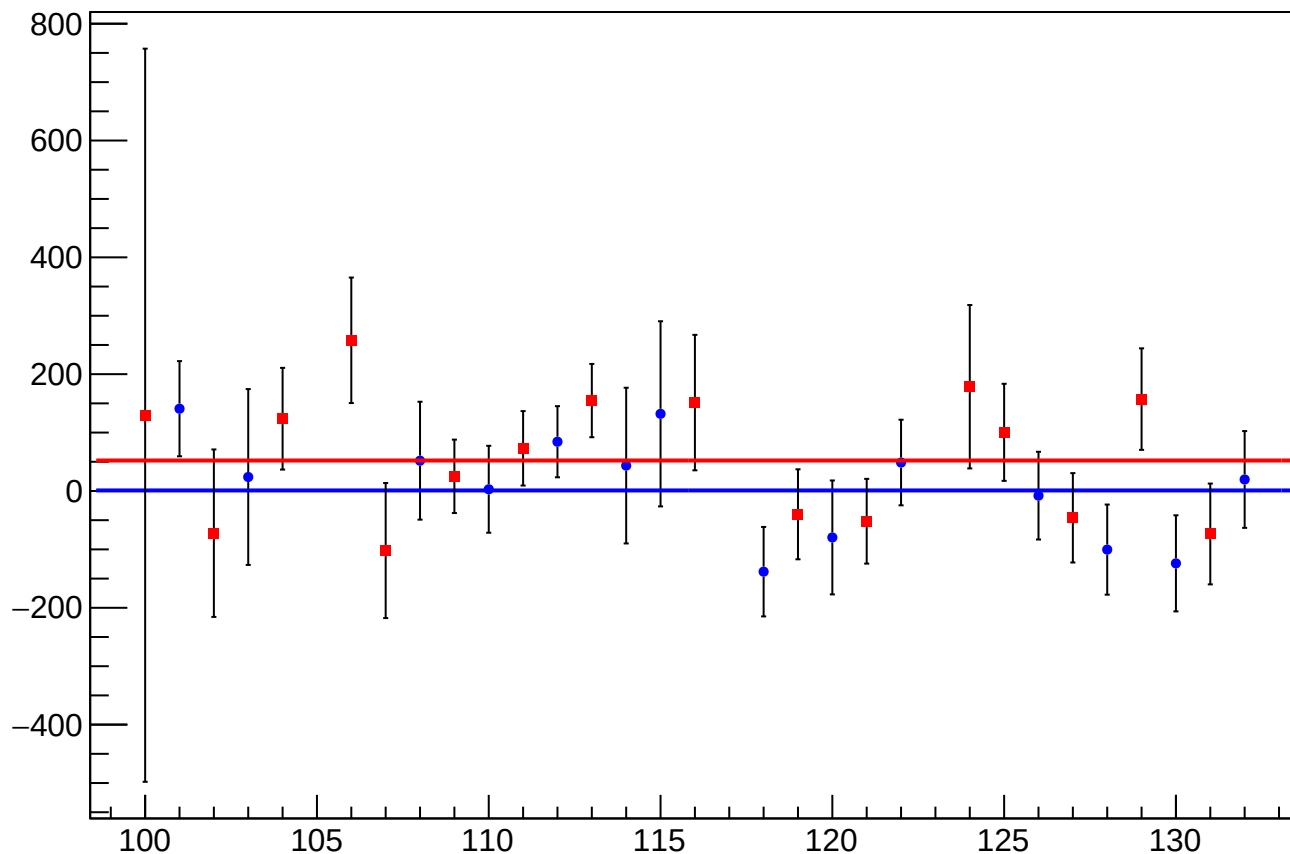
Right: 547.159+/-0.114 χ^2/NDF : 1060026.0/29

In: 556.721+/-0.166 χ^2/NDF : 561302.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 547.159+/-0.114 χ^2/NDF : 1060026.0/29

eigen_cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 0.922 ± 22.705 χ^2/NDF : 14.4/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 52.186 ± 21.495 χ^2/NDF : 20.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

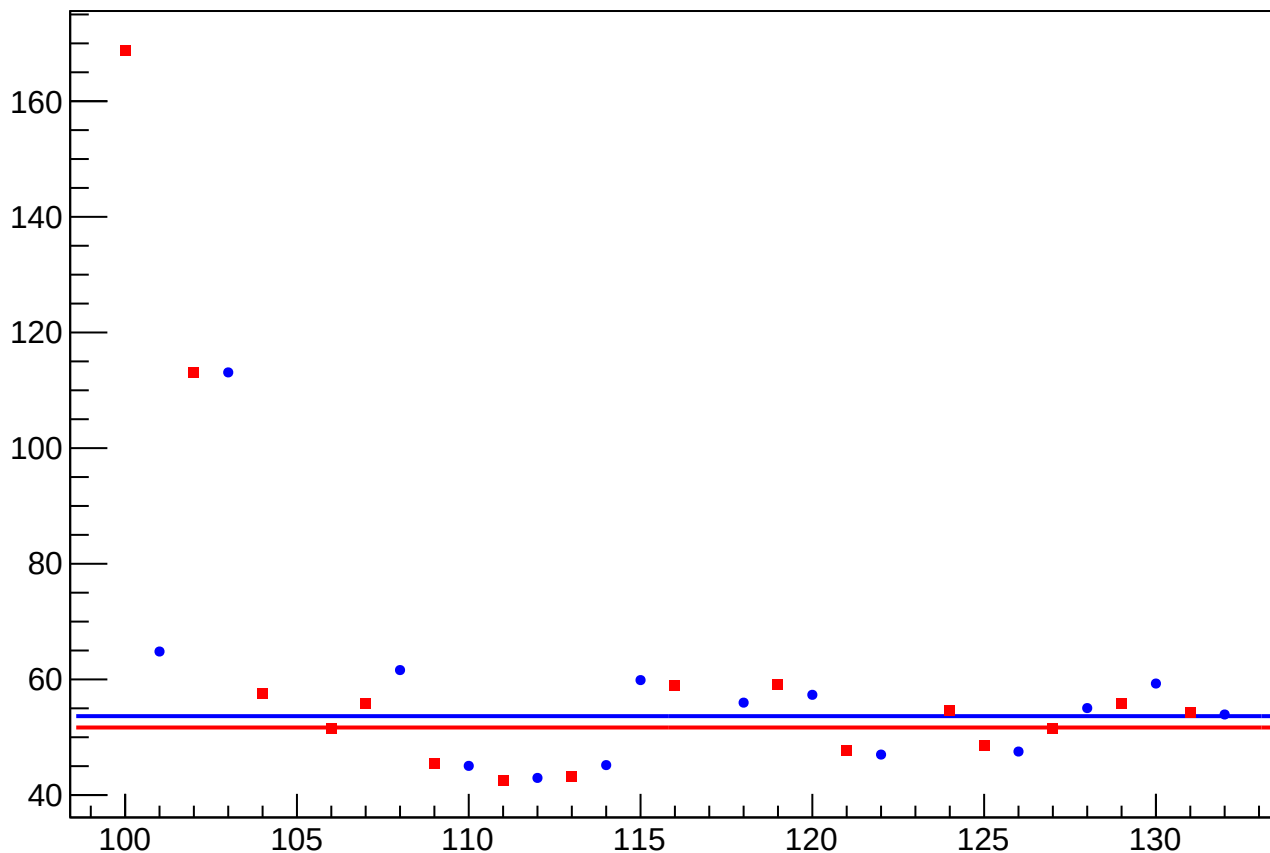
Right: 27.956 ± 15.609 χ^2/NDF : 37.5/29

In: 0.922 ± 22.705 χ^2/NDF : 14.4/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 27.956 ± 15.609 χ^2/NDF : 37.5/29

eigen_cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 53.648+/-0.016 χ^2/NDF : 505906.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.685+/-0.015 χ^2/NDF : 587562.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

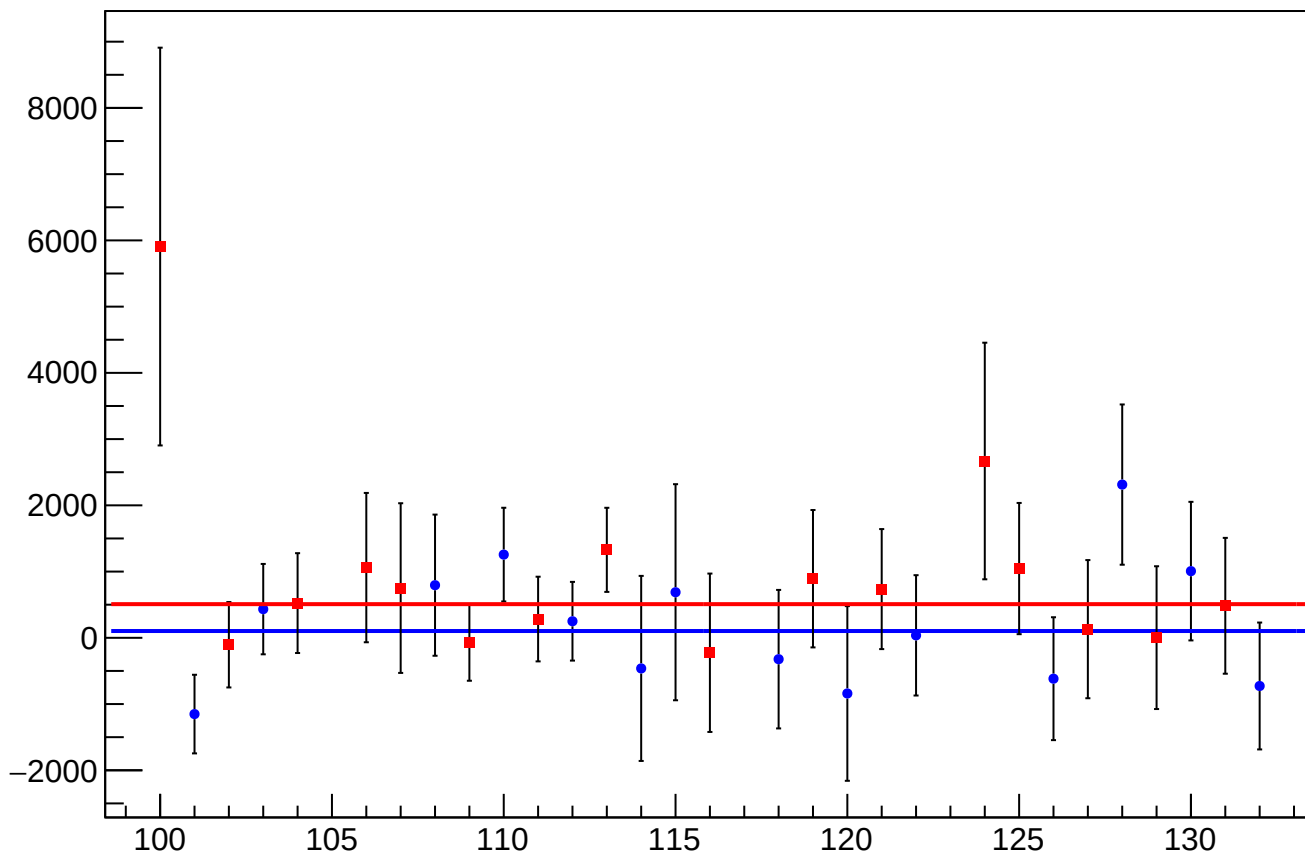
Right: 52.613+/-0.011 χ^2/NDF : 1101356.2/29

In: 53.648+/-0.016 χ^2/NDF : 505906.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.613+/-0.011 χ^2/NDF : 1101356.2/29

asym_sam_1357_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 102.647 $\pm$ 234.793 χ^2 /NDF: 14.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 508.345 $\pm$ 220.677 χ^2 /NDF: 9.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

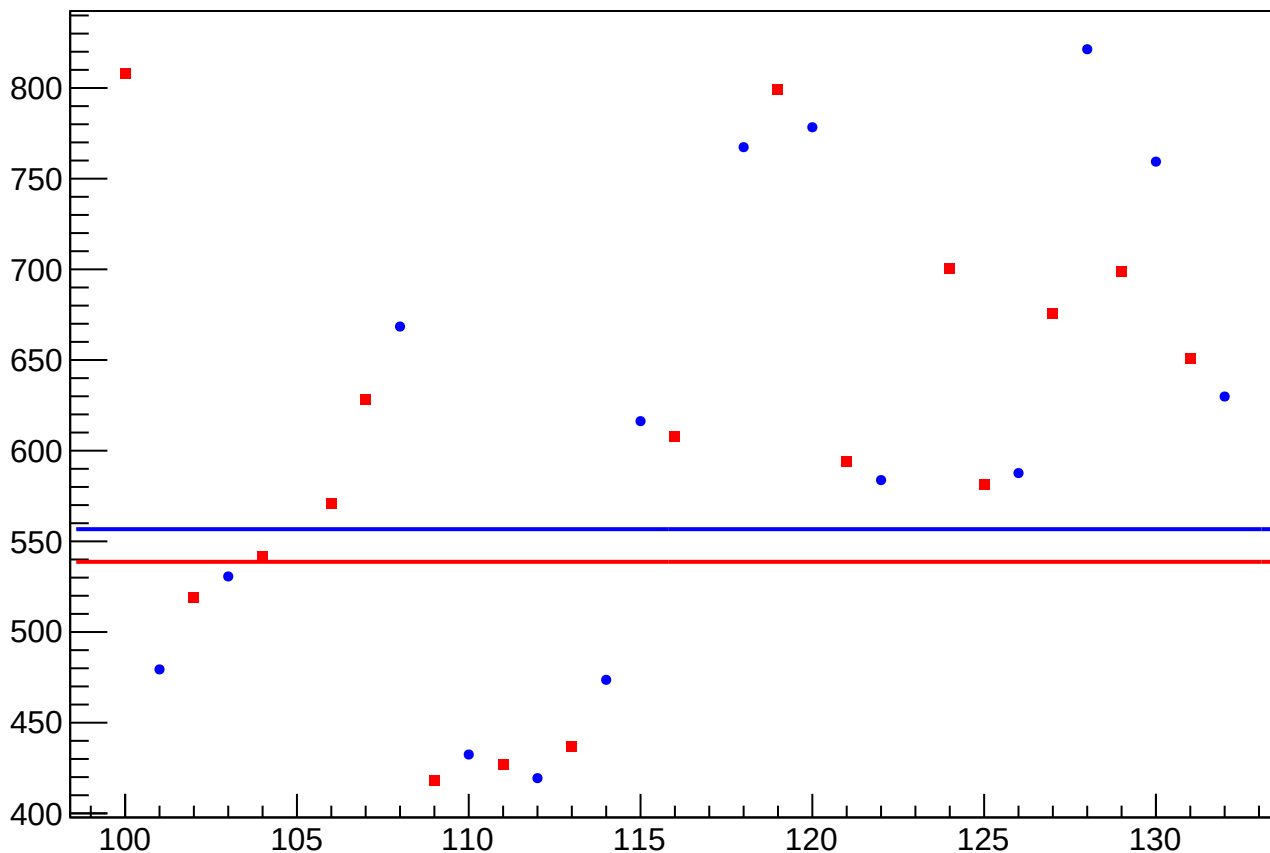
Right: 318.057 $\pm$ 160.801 χ^2 /NDF: 25.8/29

In: 102.647 $\pm$ 234.793 χ^2 /NDF:14.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 318.057 $\pm$ 160.801 χ^2 /NDF: 25.8/29

asym_sam_1357_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 556.721+/-0.166 χ^2/NDF : 561302.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 538.712+/-0.156 χ^2/NDF : 492475.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

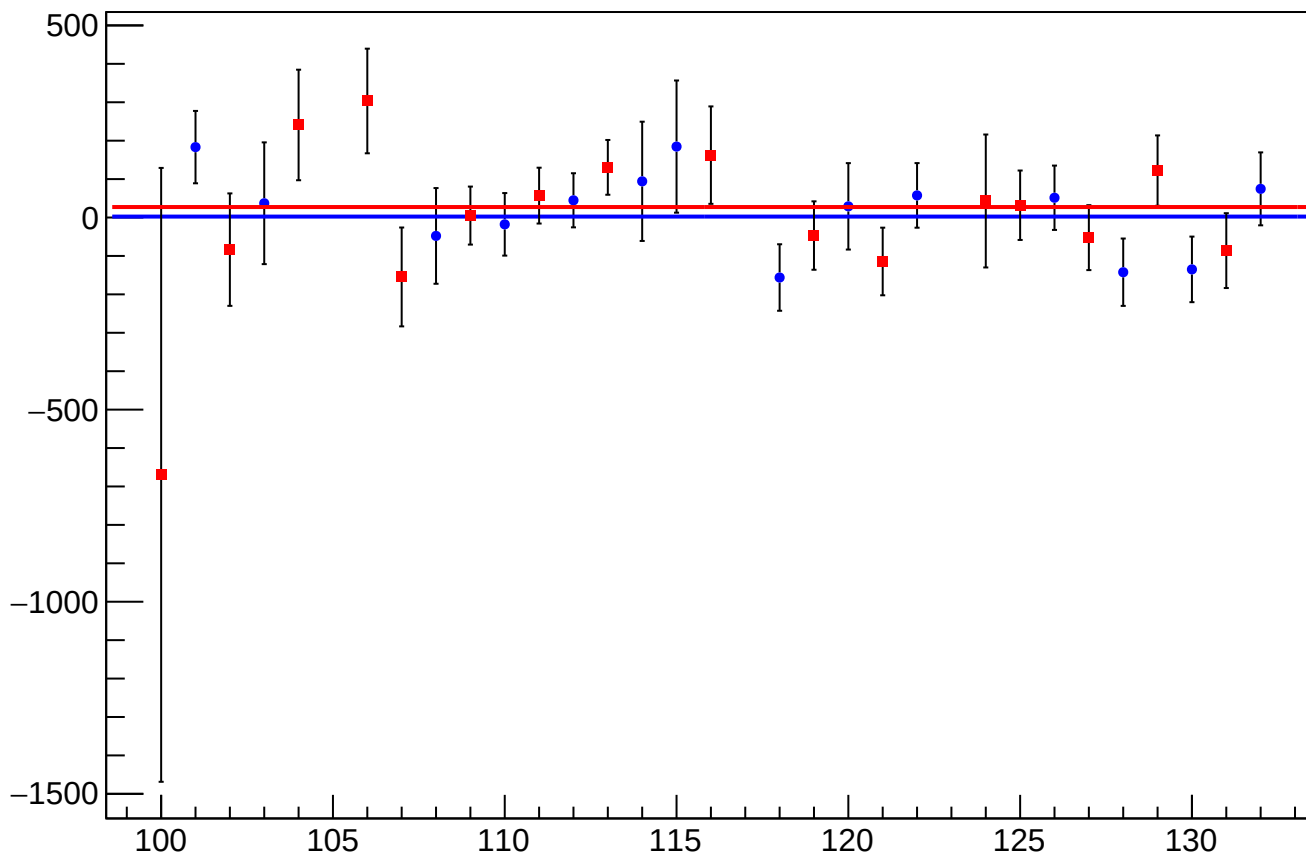
Right: 547.159+/-0.114 χ^2/NDF : 1060026.0/29

In: 556.721+/-0.166 χ^2/NDF : 561302.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 547.159+/-0.114 χ^2/NDF : 1060026.0/29

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 2.443 $\pm$ 25.650 χ^2 /NDF: 15.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 27.297 $\pm$ 24.919 χ^2 /NDF: 19.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

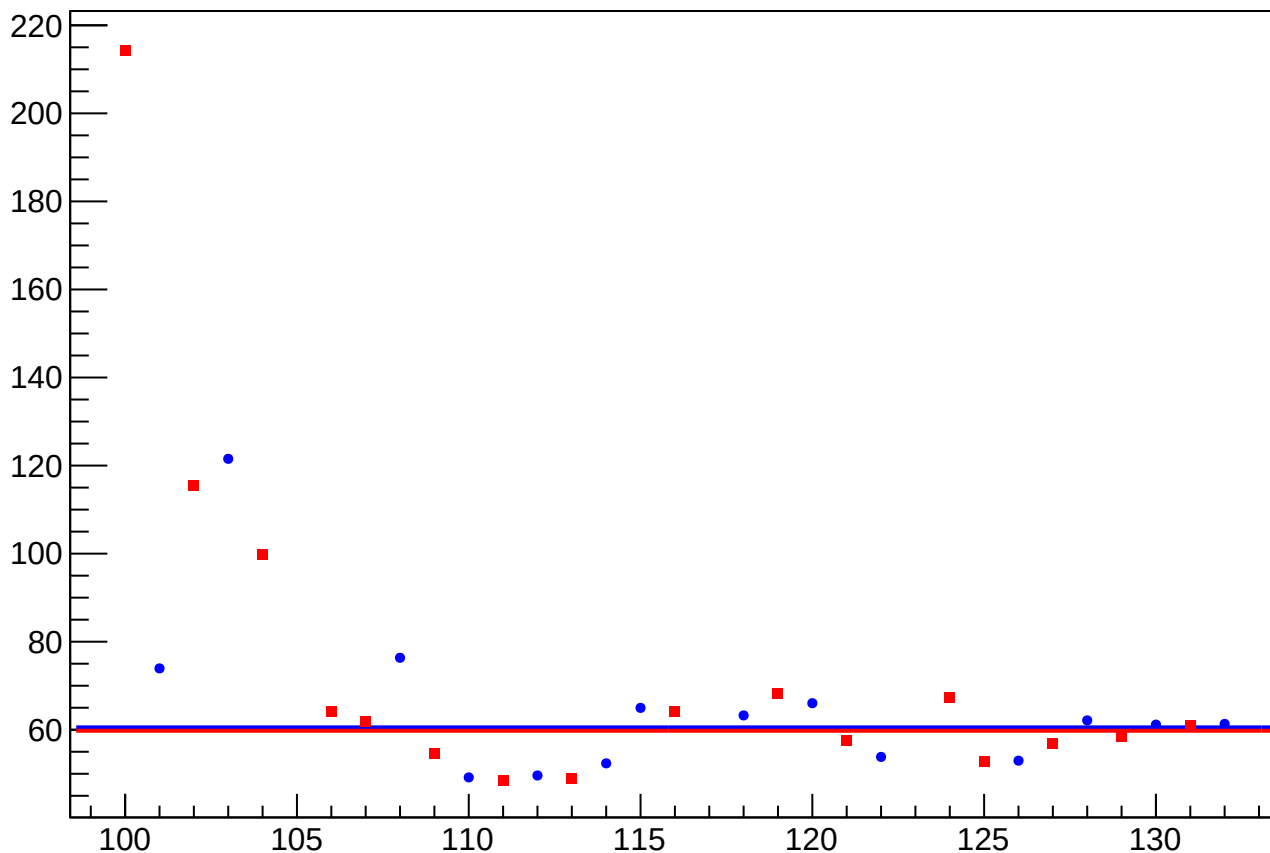
Right: 15.230 $\pm$ 17.873 χ^2 /NDF: 36.1/29

In: 2.443 $\pm$ 25.650 χ^2 /NDF:15.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 15.230 $\pm$ 17.873 χ^2 /NDF: 36.1/29

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 60.539+/-0.018 χ^2/NDF : 499678.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.774+/-0.018 χ^2/NDF : 667155.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

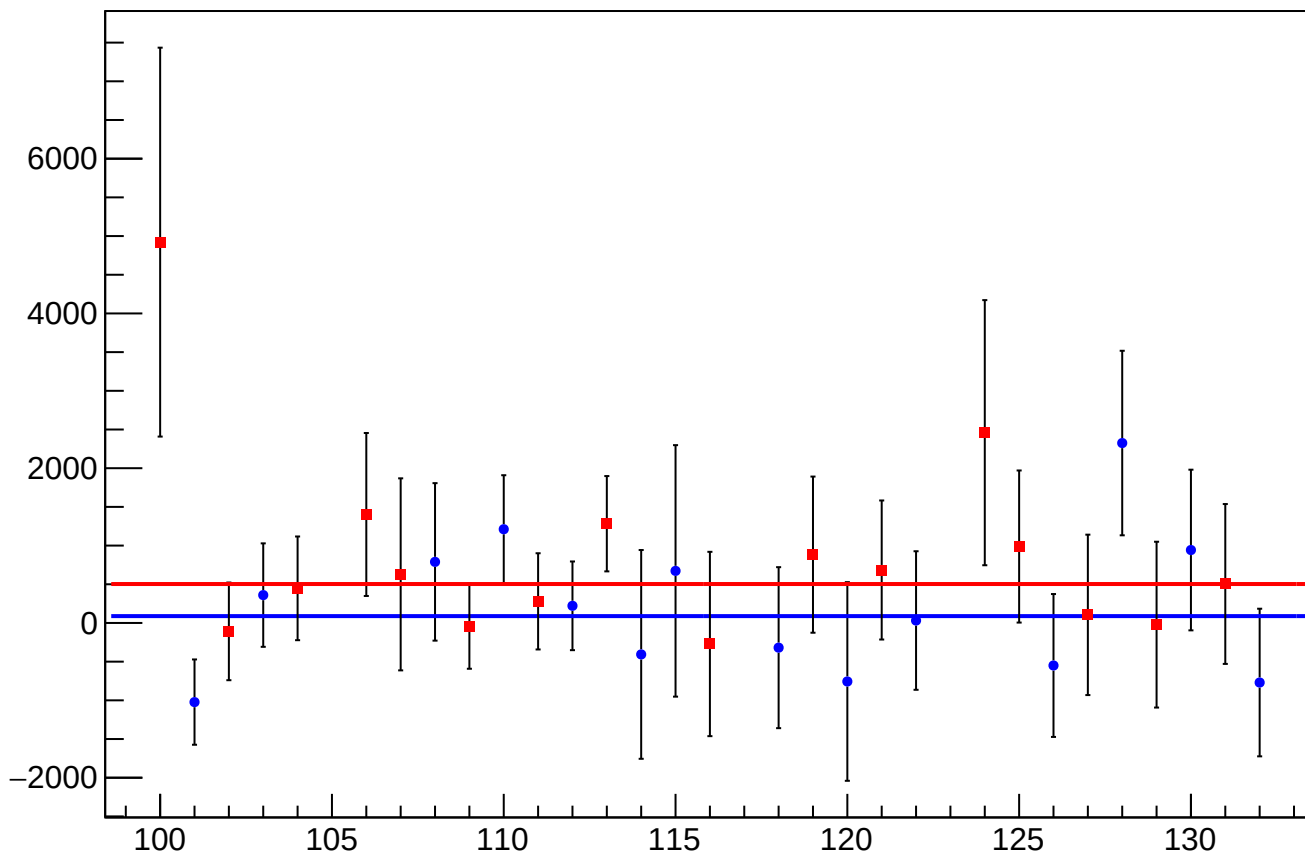
Right: 60.146+/-0.013 χ^2/NDF : 1167750.8/29

In: 60.539+/-0.018 χ^2/NDF : 499678.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.146+/-0.013 χ^2/NDF : 1167750.8/29

asym_sam_1357_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 88.501+/-228.199 χ^2/NDF : 13.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 503.162+/-213.143 χ^2/NDF : 10.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

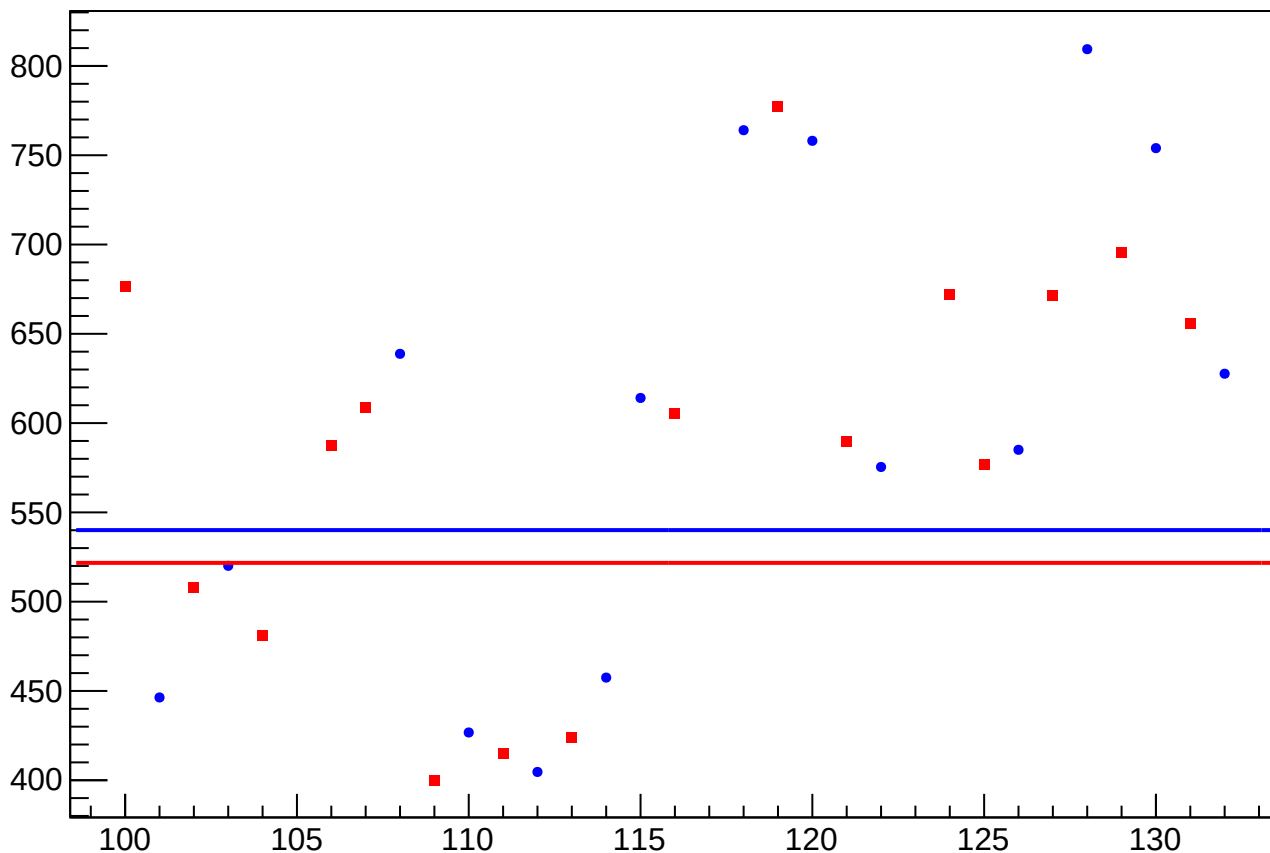
Right: 309.961+/-155.766 χ^2/NDF : 25.5/29

In: 88.501+/-228.199 χ^2/NDF : 13.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 309.961+/-155.766 χ^2/NDF : 25.5/29

asym_sam_1357_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 540.071+/-0.161 χ^2/NDF : 616591.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 521.728+/-0.151 χ^2/NDF : 539633.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

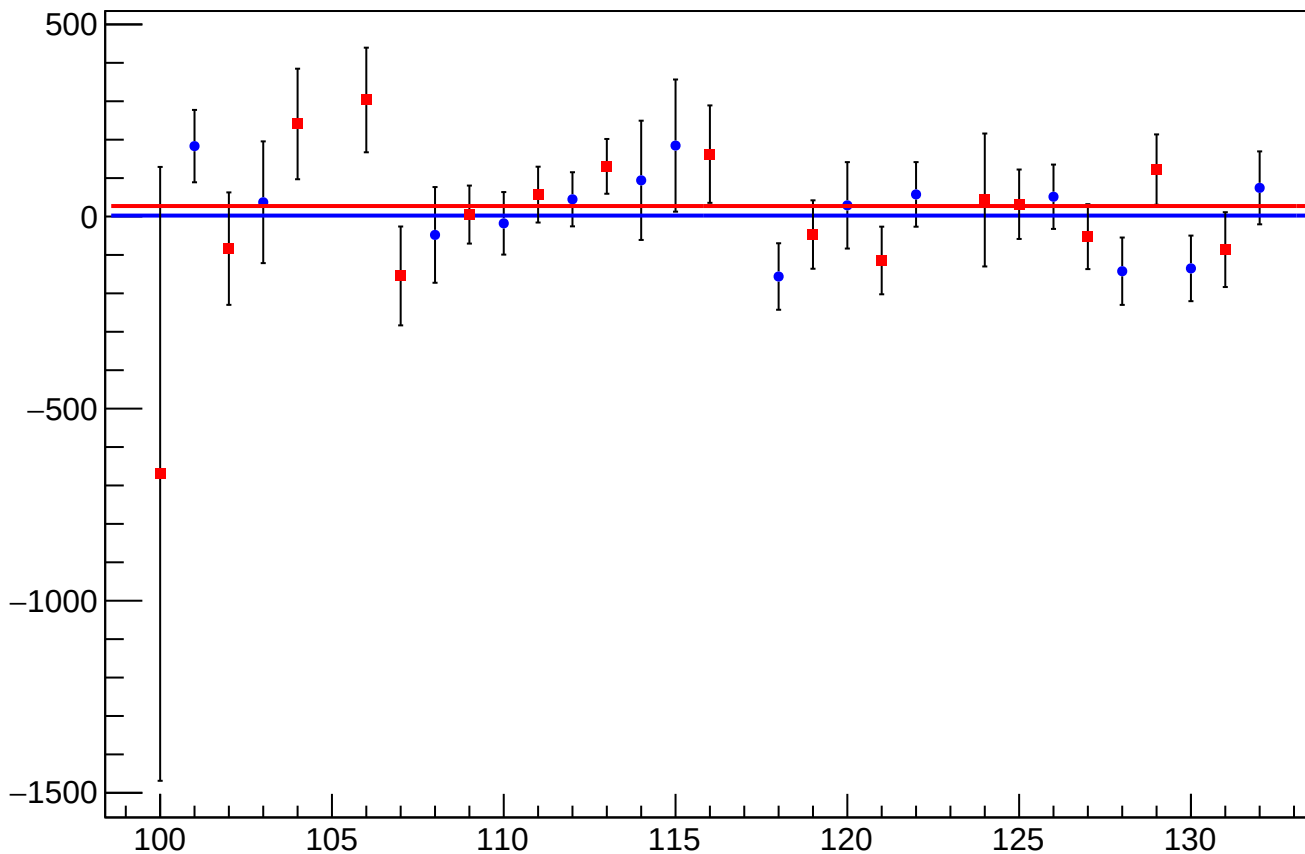
Right: 530.275+/-0.110 χ^2/NDF : 1163125.6/29

In: 540.071+/-0.161 χ^2/NDF : 616591.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 530.275+/-0.110 χ^2/NDF : 1163125.6/29

eigen_dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 2.442 $\pm$ 25.650 χ^2 /NDF: 15.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 27.296 $\pm$ 24.919 χ^2 /NDF: 19.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

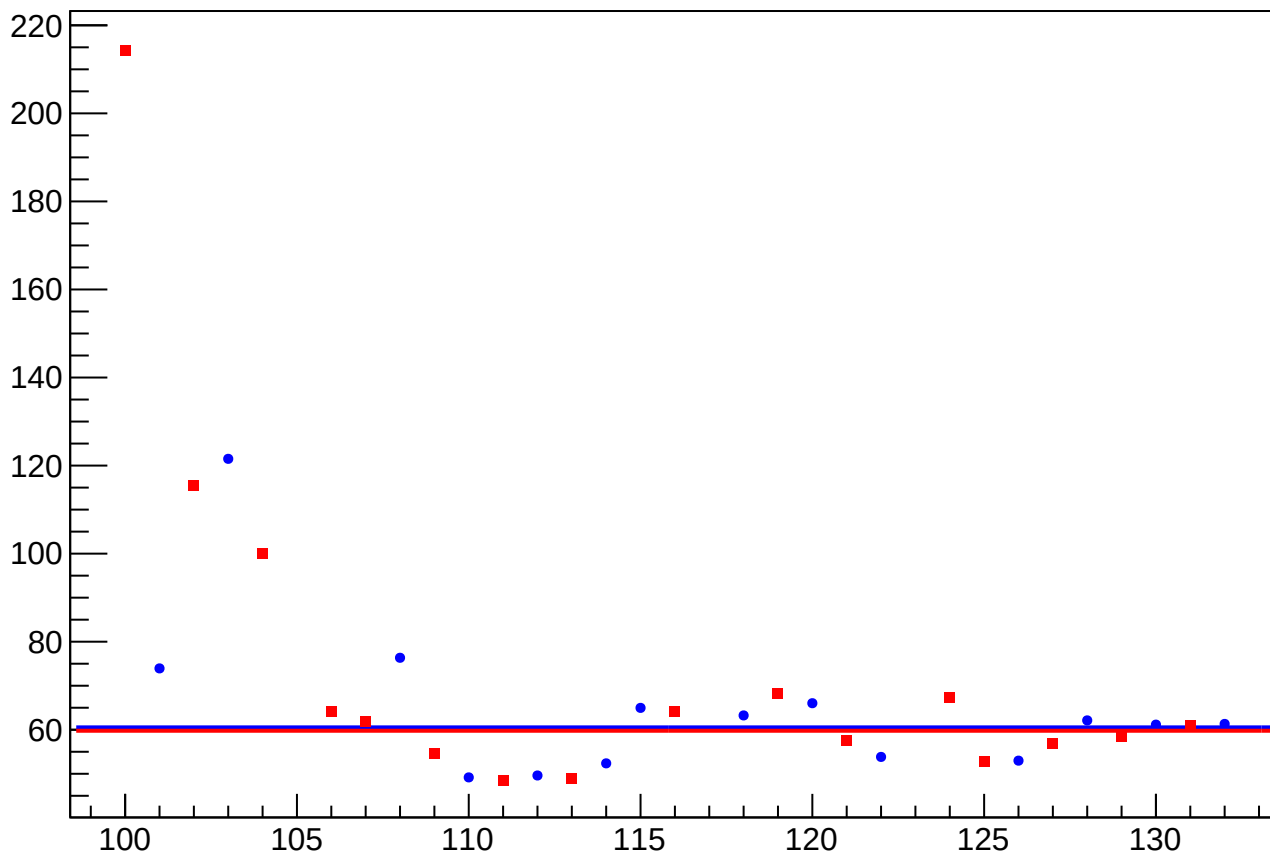
Right: 15.228 $\pm$ 17.873 χ^2 /NDF: 36.1/29

In: 2.442 $\pm$ 25.650 χ^2 /NDF:15.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 15.228 $\pm$ 17.873 χ^2 /NDF: 36.1/29

eigen_dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 60.540+/-0.018 χ^2/NDF : 499676.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.774+/-0.018 χ^2/NDF : 667154.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

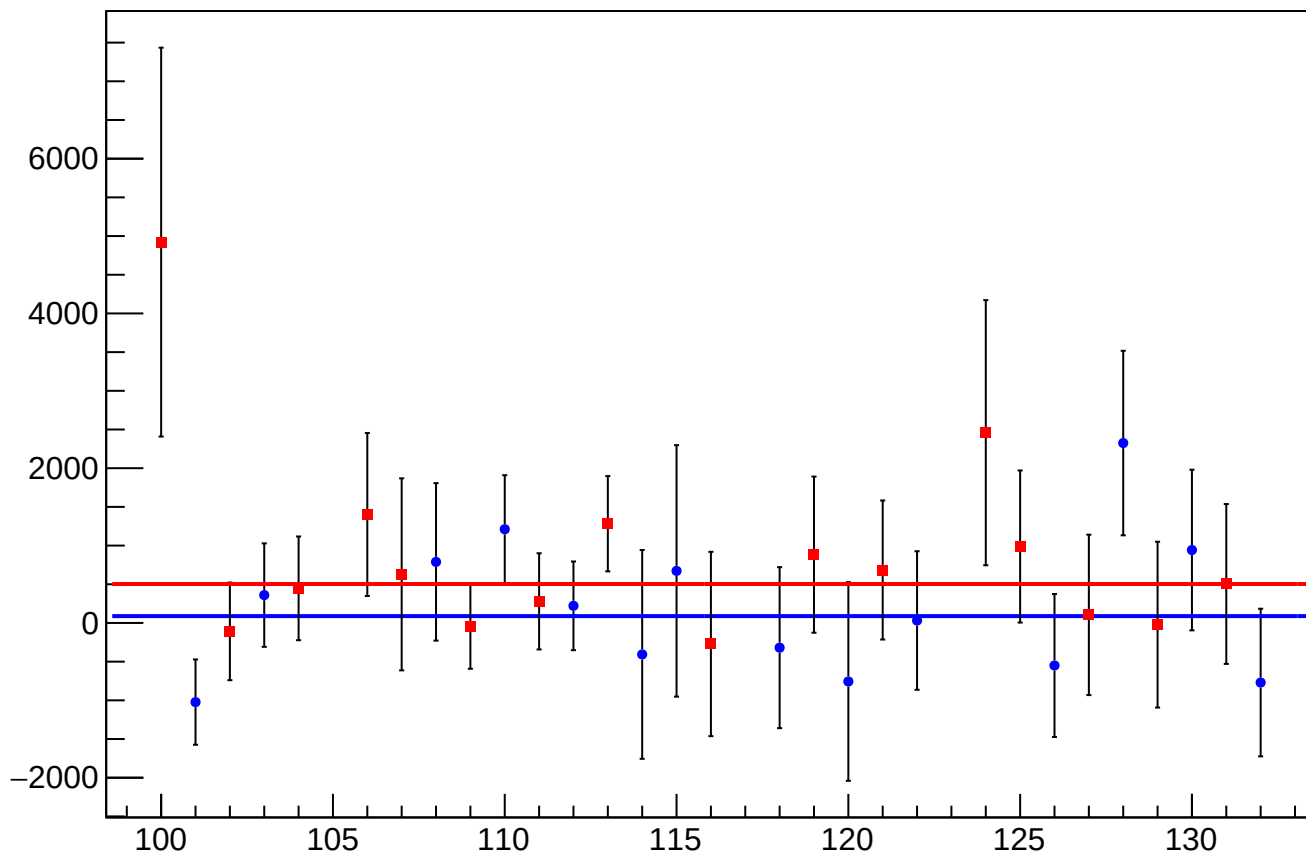
Right: 60.146+/-0.013 χ^2/NDF : 1167747.4/29

In: 60.540+/-0.018 χ^2/NDF : 499676.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.146+/-0.013 χ^2/NDF : 1167747.4/29

asym_sam_1357_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 88.501+/-228.198 χ^2/NDF : 13.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 503.161+/-213.142 χ^2/NDF : 10.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

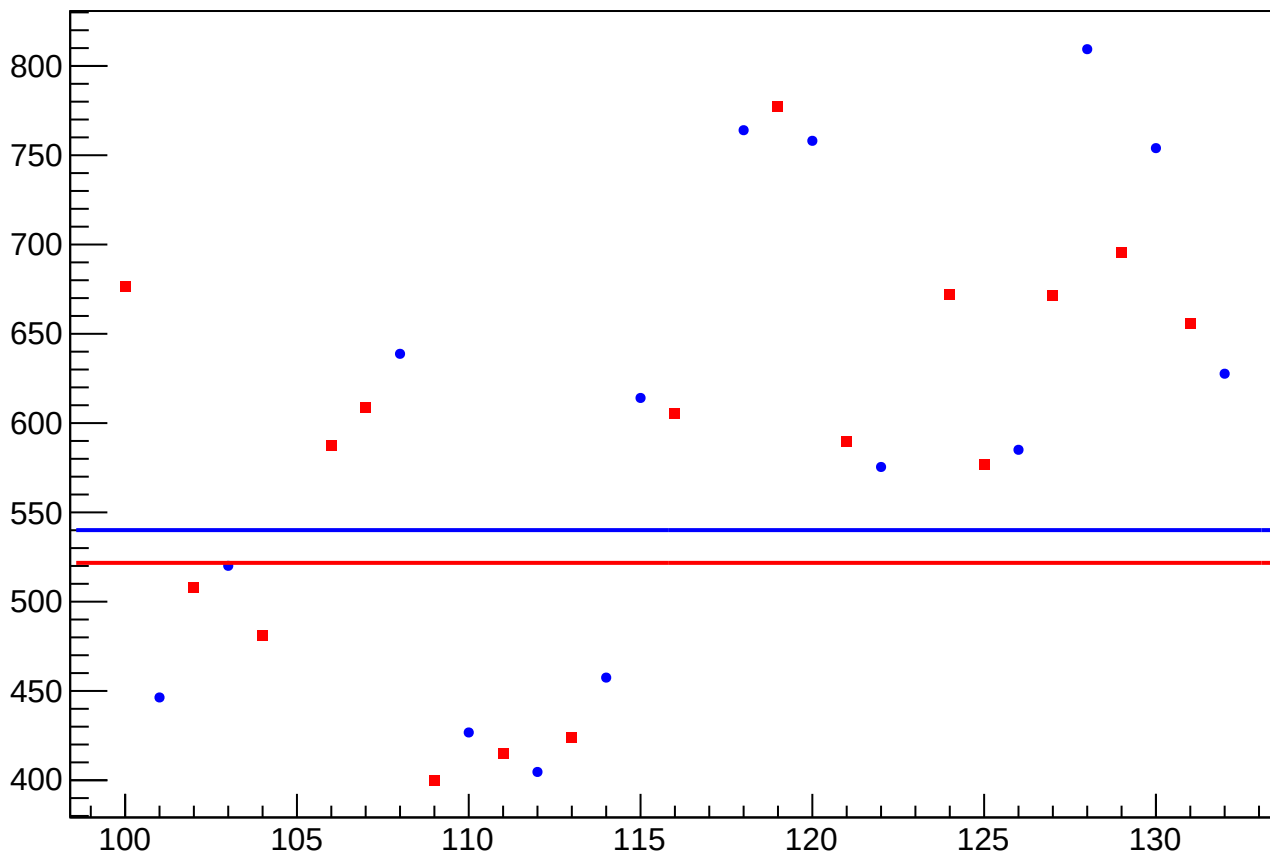
Right: 309.960+/-155.765 χ^2/NDF : 25.5/29

In: 88.501+/-228.198 χ^2/NDF : 13.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 309.960+/-155.765 χ^2/NDF : 25.5/29

asym_sam_1357_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 540.069+/-0.161 χ^2/NDF : 616597.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 521.727+/-0.151 χ^2/NDF : 539636.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

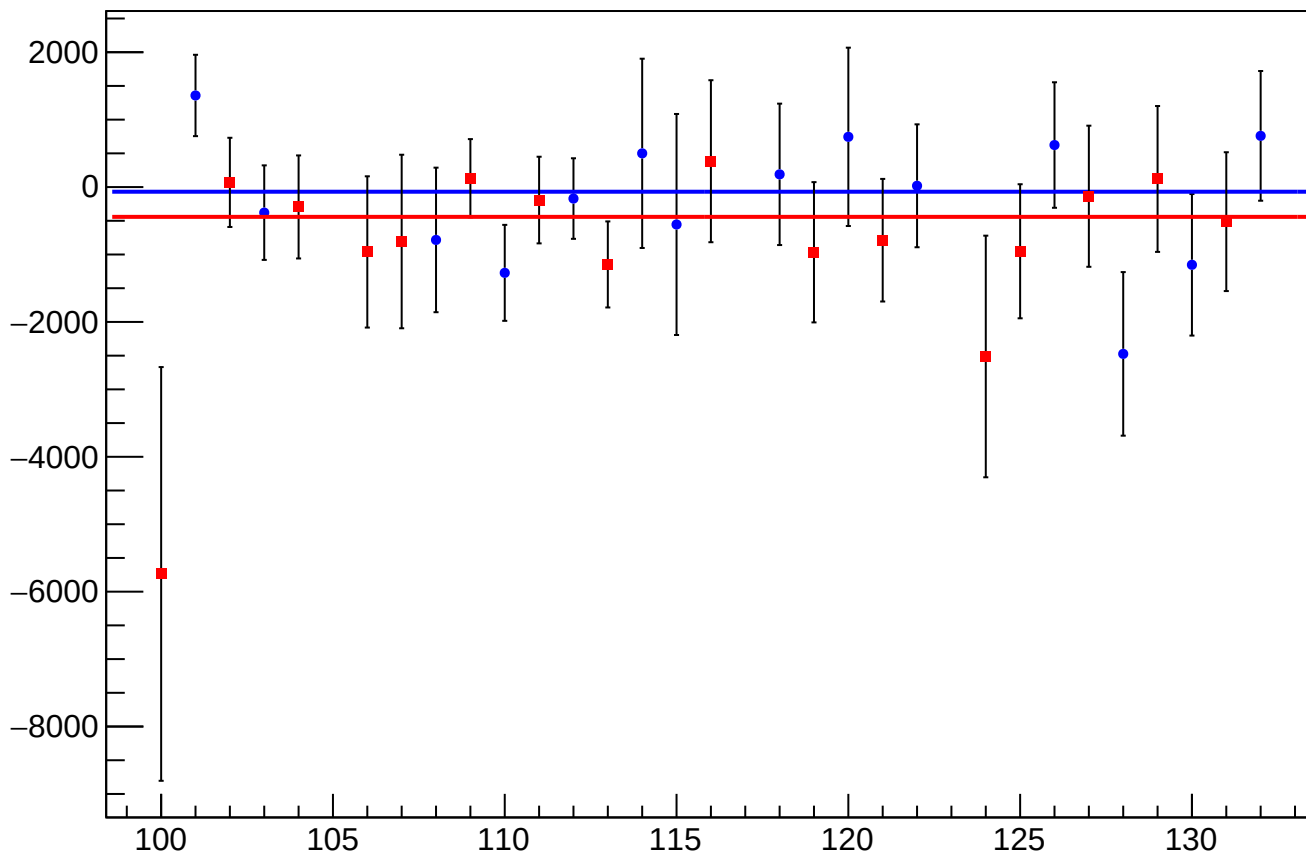
Right: 530.273+/-0.110 χ^2/NDF : 1163134.7/29

In: 540.069+/-0.161 χ^2/NDF : 616597.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 530.273+/-0.110 χ^2/NDF : 1163134.7/29

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -68.931+/-236.888 χ^2/NDF : 16.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -441.705+/-222.379 χ^2/NDF : 9.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

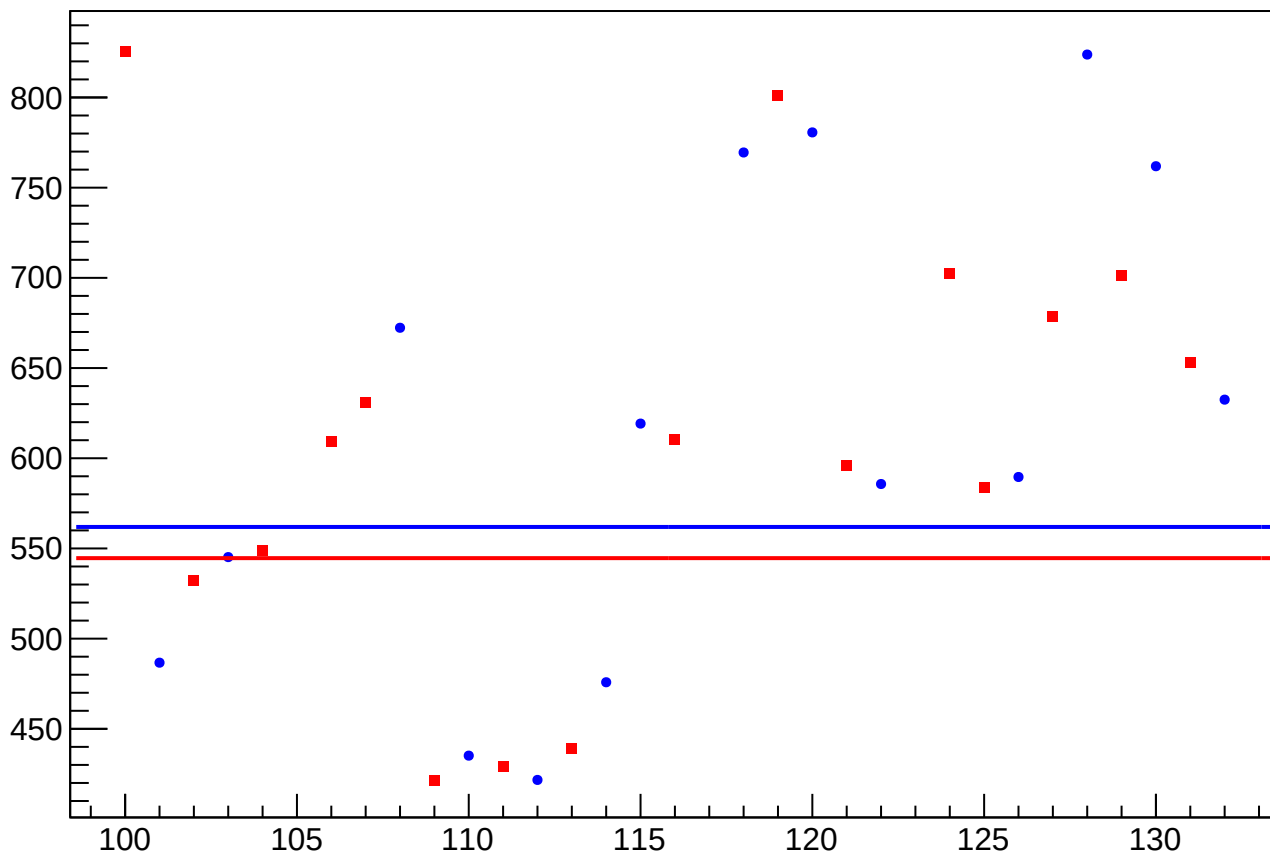
Right: -267.084+/-162.132 χ^2/NDF : 26.5/29

In: -68.931+/-236.888 χ^2/NDF : 16.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -267.084+/-162.132 χ^2/NDF : 26.5/29

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 561.917 $\pm$ 0.168 χ^2 /NDF: 549992.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 544.628 $\pm$ 0.157 χ^2 /NDF: 492529.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

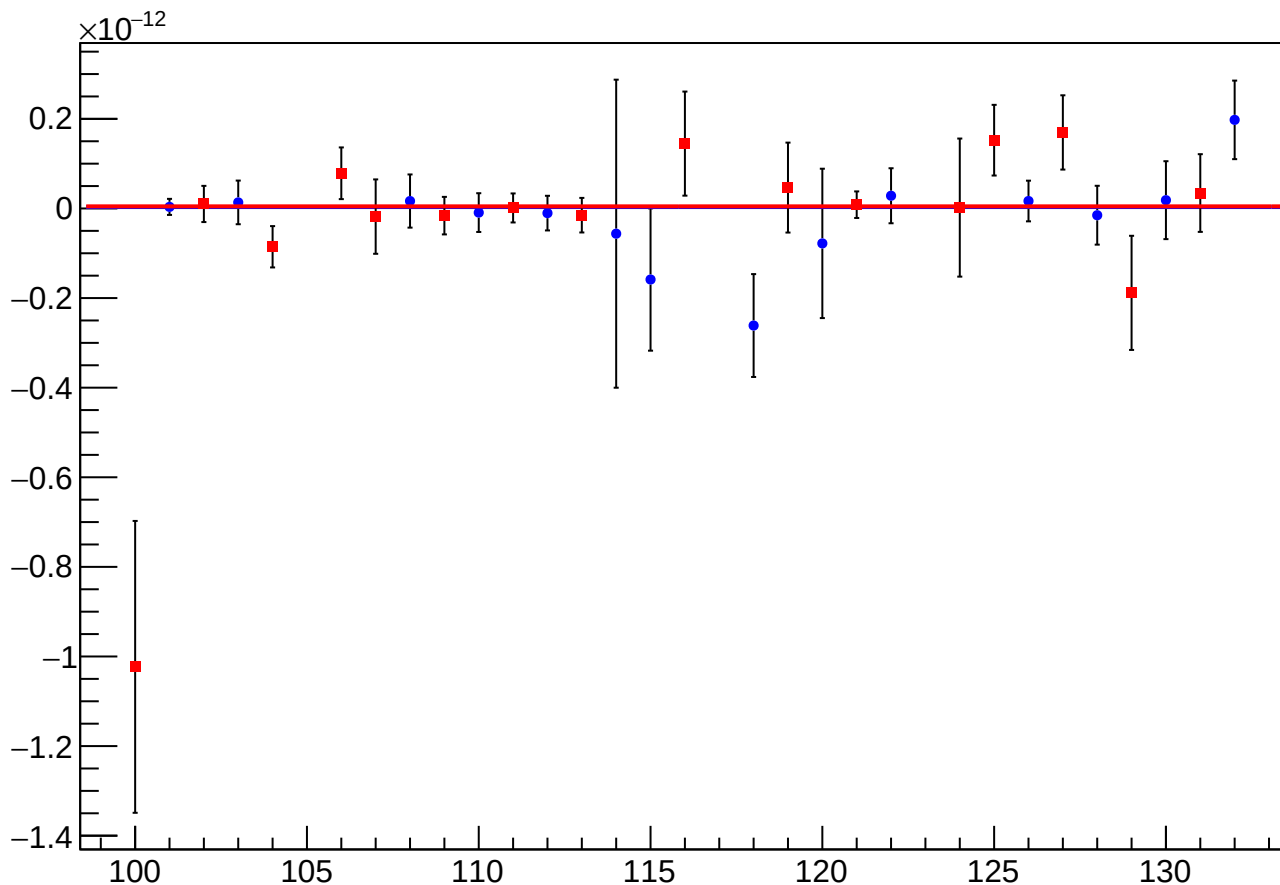
Right: 552.727 $\pm$ 0.115 χ^2 /NDF: 1048184.8/29

In: 561.917 $\pm$ 0.168 χ^2 /NDF:549992.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 552.727 $\pm$ 0.115 χ^2 /NDF: 1048184.8/29

asym_sam_1357_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 27.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

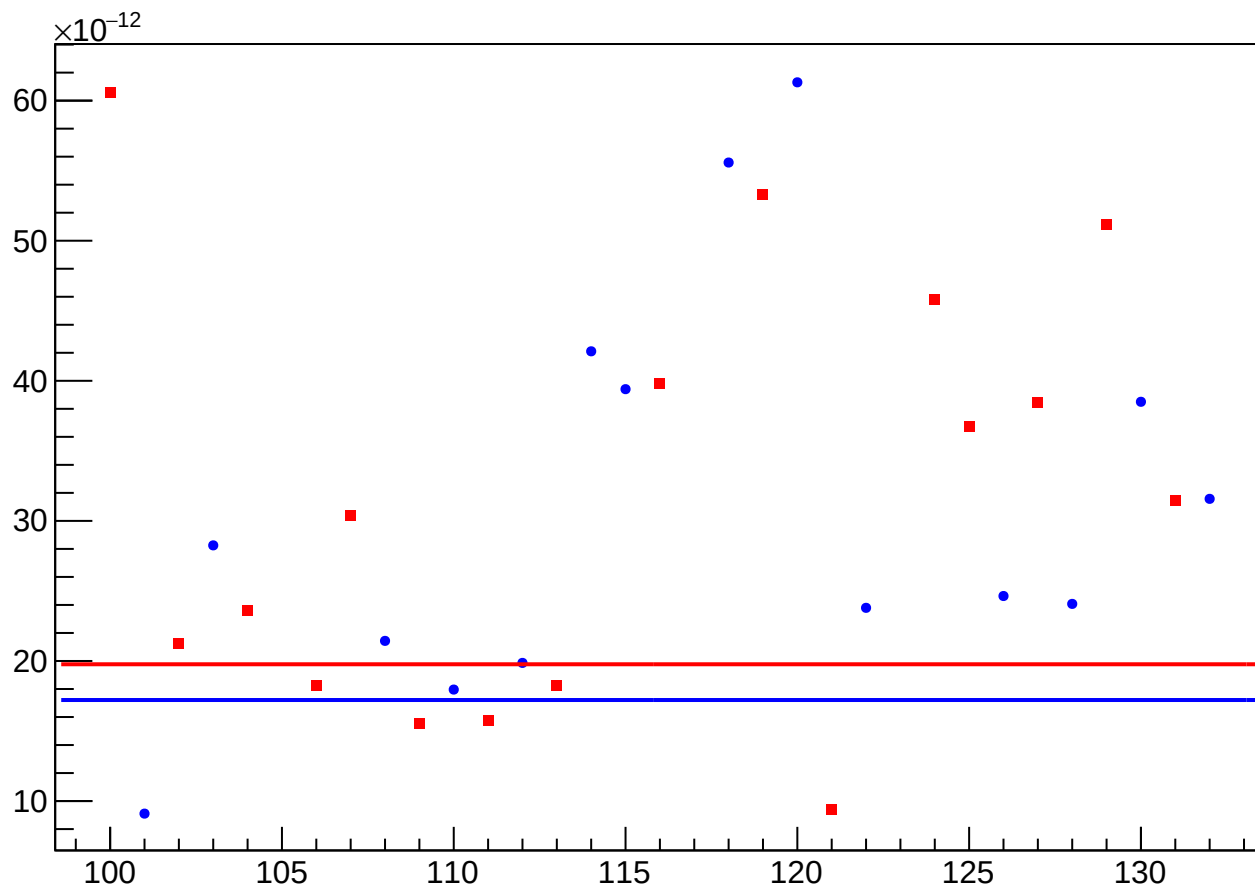
Right: 0.000+/-0.000 χ^2/NDF : 39.8/29

In: 0.000+/-0.000 χ^2/NDF : 12.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 39.8/29

asym_sam_1357_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1216594.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1071579.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

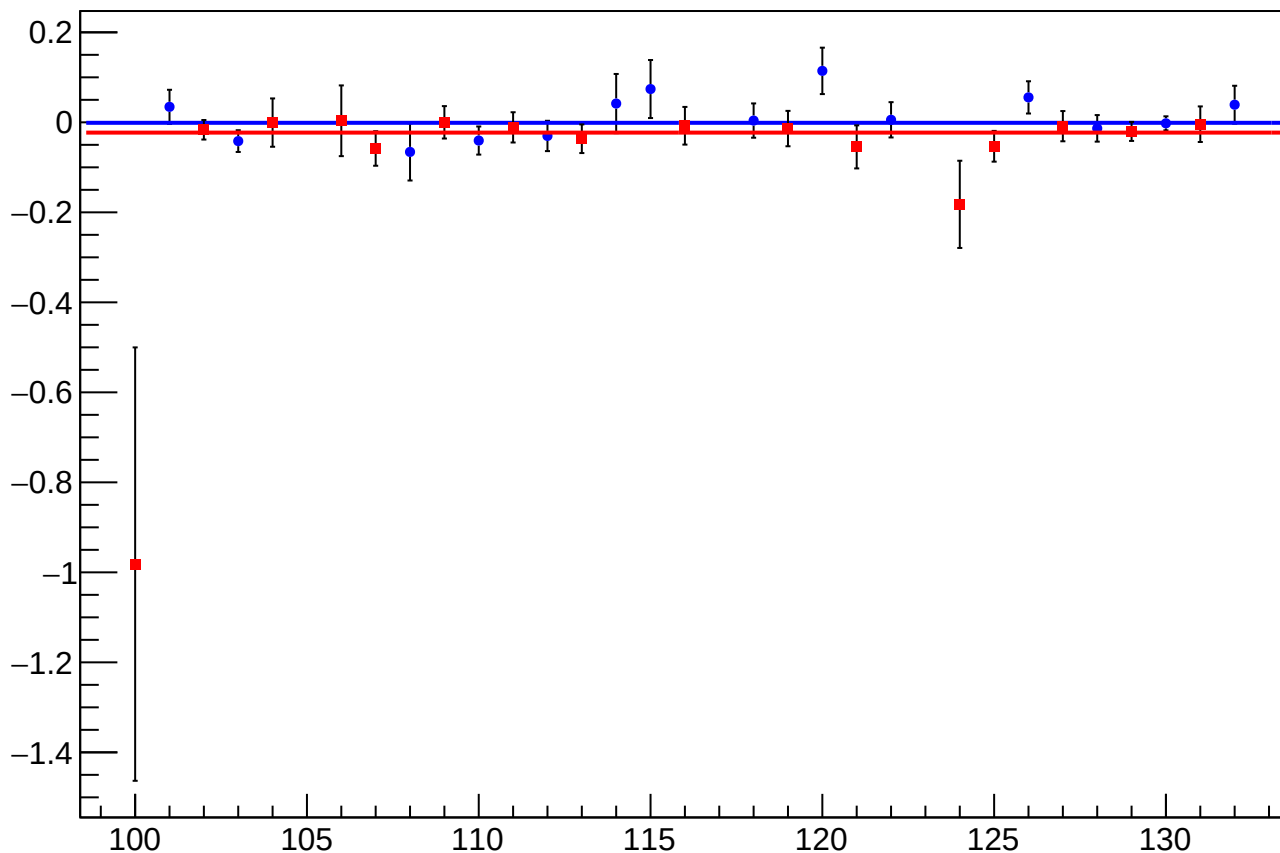
Right: 0.000+/-0.000 χ^2/NDF : 2327085.7/29

In: 0.000+/-0.000 χ^2/NDF : 1216594.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2327085.7/29

asym_sam_1357_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 ± 0.009 $\chi^2/\text{NDF}: 17.5/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.023 ± 0.009 $\chi^2/\text{NDF}: 10.4/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

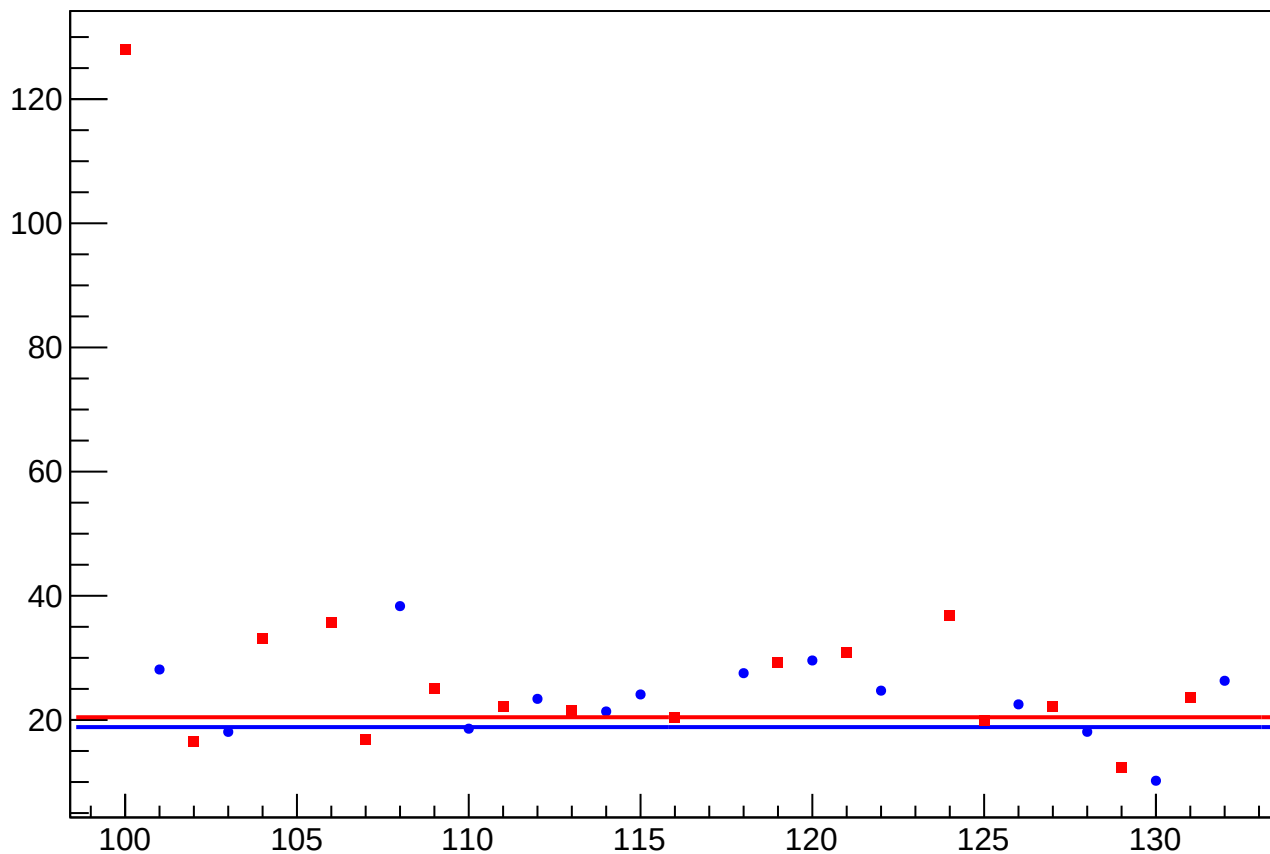
Right: -0.012 ± 0.006 $\chi^2/\text{NDF}: 31.0/29$

In: -0.001 ± 0.009 $\chi^2/\text{NDF}: 17.5/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.012 ± 0.006 $\chi^2/\text{NDF}: 31.0/29$

asym_sam_1357_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.848+/-0.006 χ^2/NDF : 1298371.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.437+/-0.006 χ^2/NDF : 966565.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

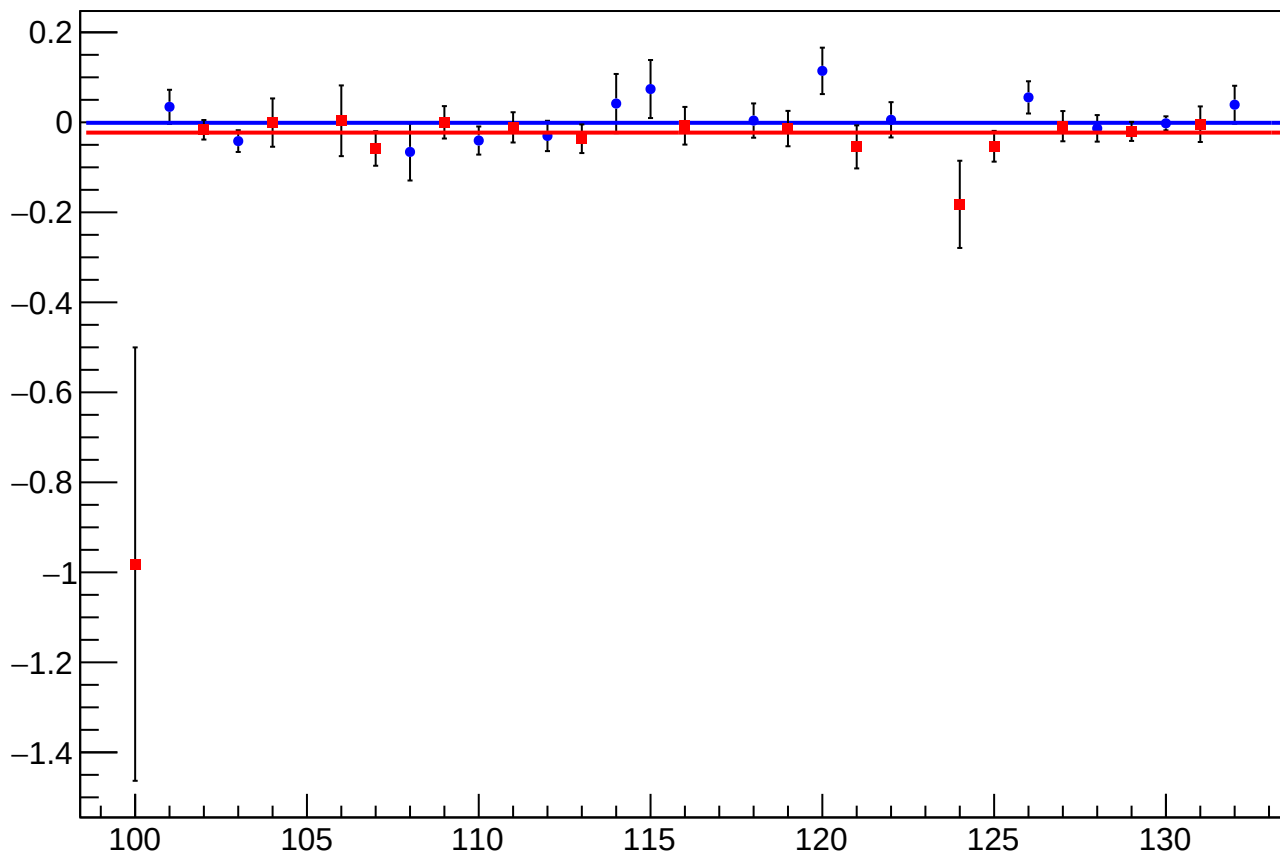
Right: 19.611+/-0.004 χ^2/NDF : 2297348.5/29

In: 18.848+/-0.006 χ^2/NDF : 1298371.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.611+/-0.004 χ^2/NDF : 2297348.5/29

asym_sam_1357_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 ± 0.009 χ^2/NDF : 17.5/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.023 ± 0.009 χ^2/NDF : 10.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

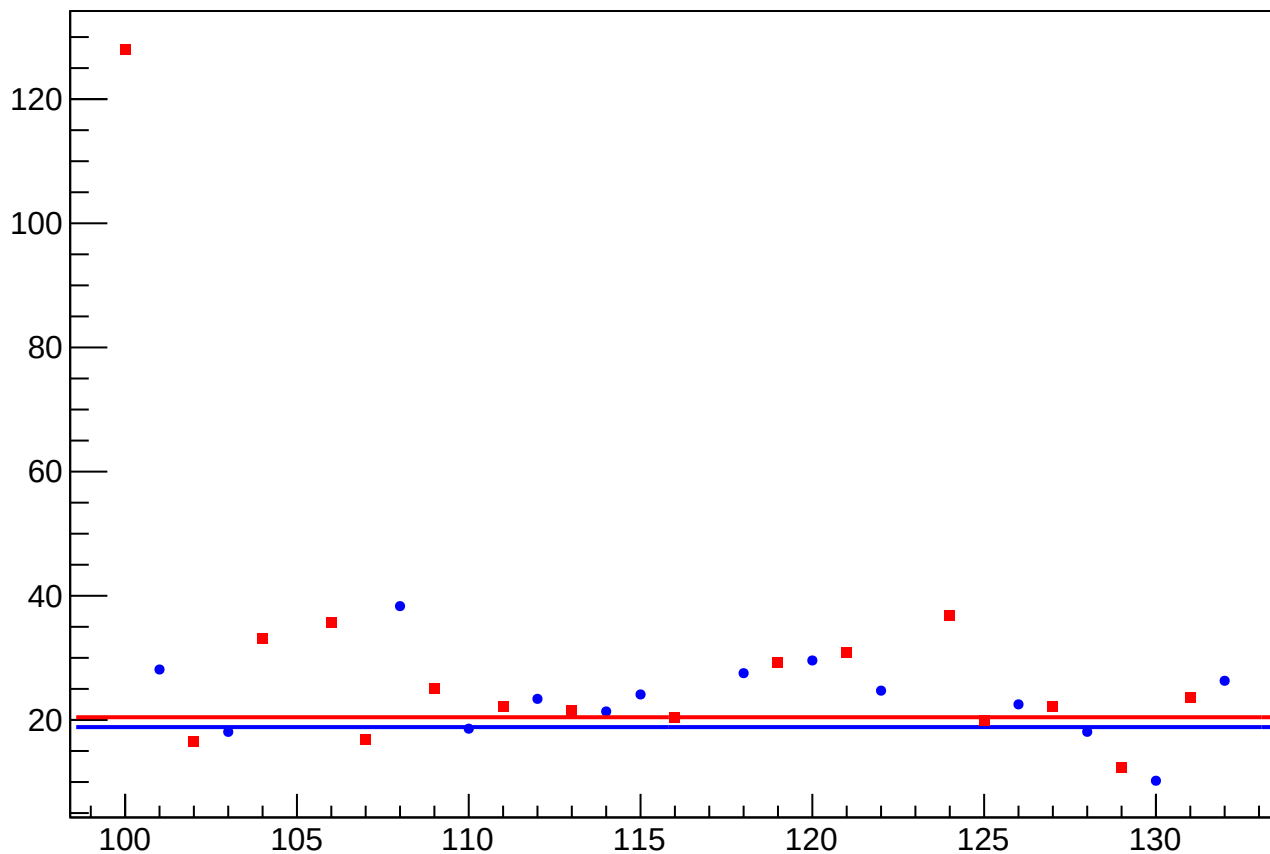
Right: -0.012 ± 0.006 χ^2/NDF : 31.0/29

In: -0.001 ± 0.009 χ^2/NDF : 17.5/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.012 ± 0.006 χ^2/NDF : 31.0/29

asym_sam_1357_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.848+/-0.006 χ^2/NDF : 1298371.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.437+/-0.006 χ^2/NDF : 966565.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

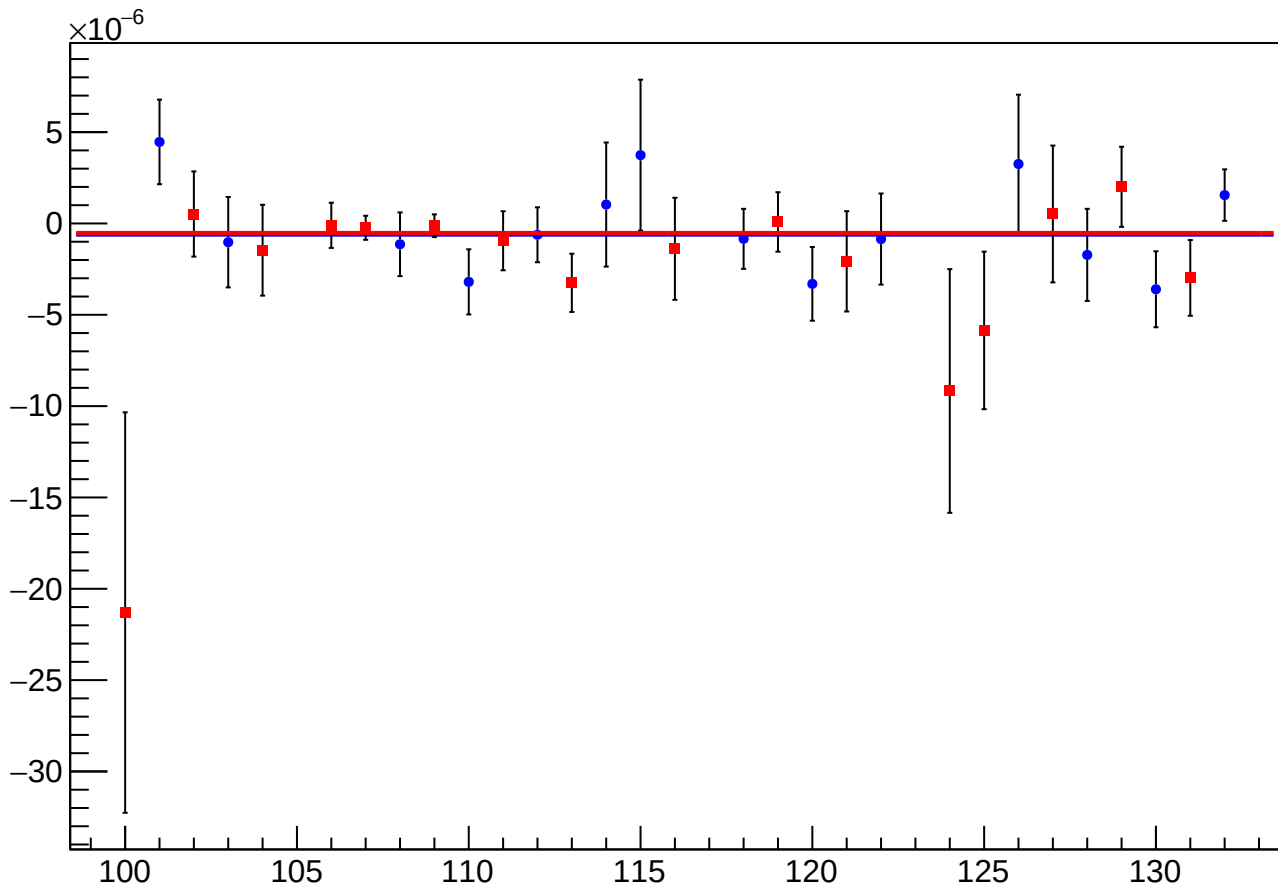
Right: 19.611+/-0.004 χ^2/NDF : 2297348.5/29

In: 18.848+/-0.006 χ^2/NDF : 1298371.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.611+/-0.004 χ^2/NDF : 2297348.5/29

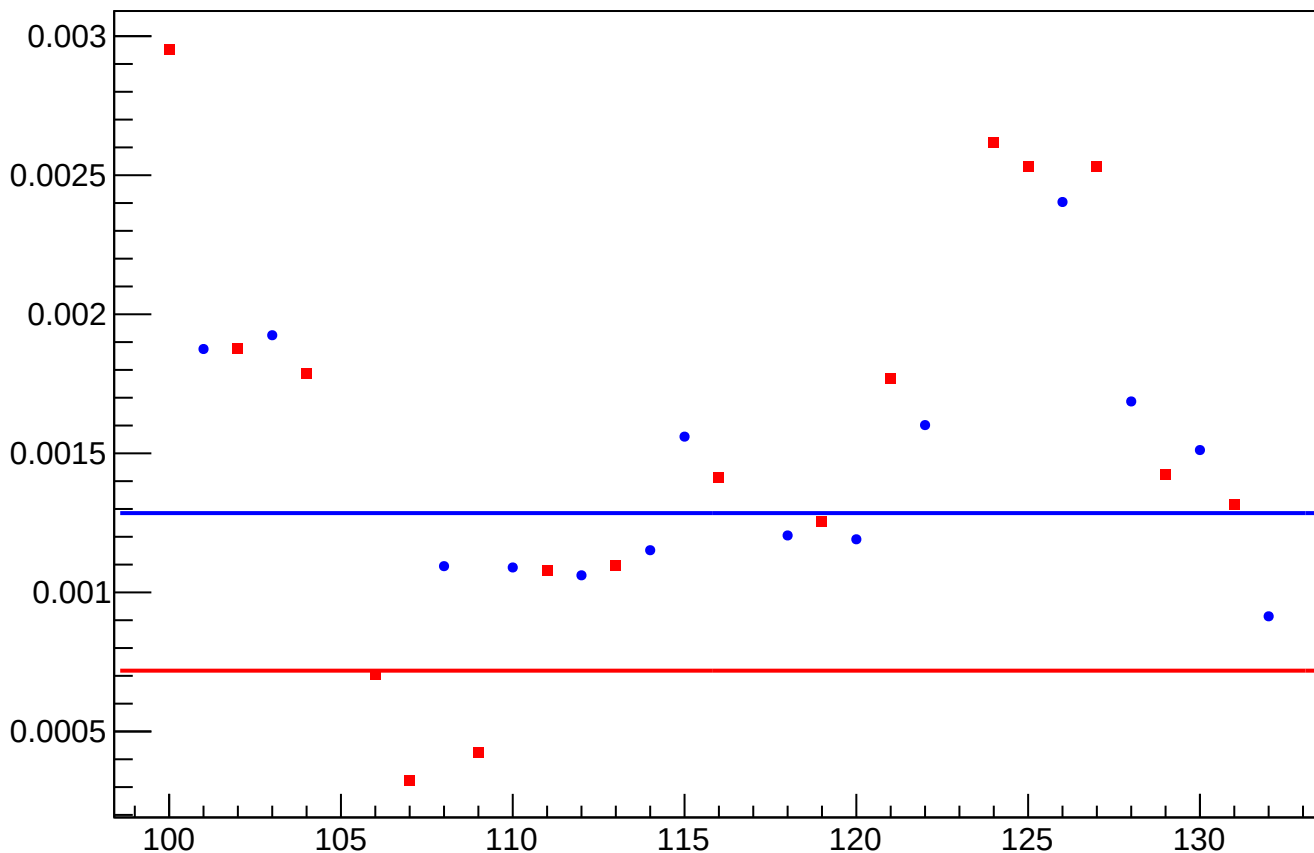
asym_sam_1357_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 15.9/13
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000 ± 0.000 χ^2/NDF : 14.2/15
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -0.000 ± 0.000 χ^2/NDF : 30.1/29
 In: -0.000 ± 0.000 χ^2/NDF : 15.9/13
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -0.000 ± 0.000 χ^2/NDF : 30.1/29

asym_sam_1357_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 795983.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4312552.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

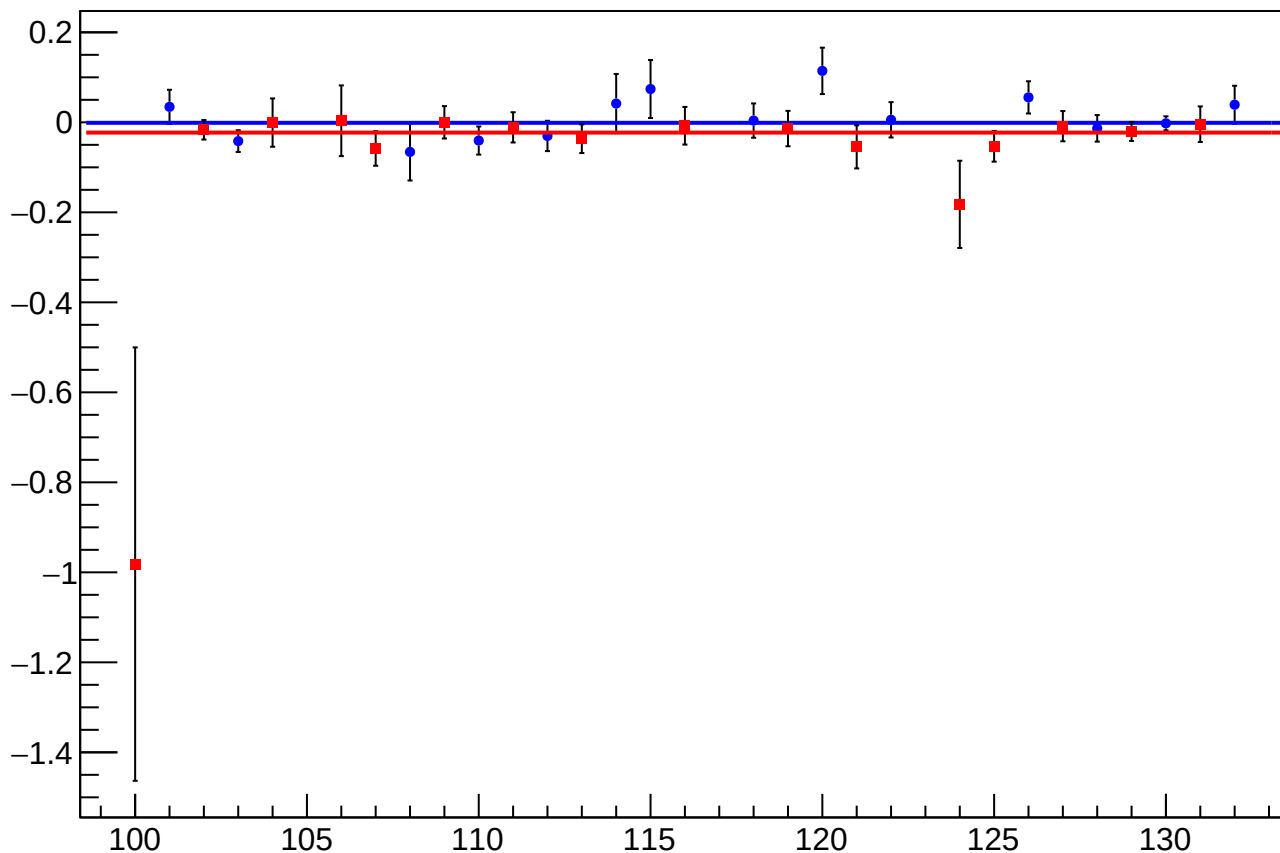
Right: 0.001+/-0.000 χ^2/NDF : 6608883.6/29

In: 0.001+/-0.000 χ^2/NDF : 795983.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6608883.6/29

asym_sam_1357_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 ± 0.009 χ^2/NDF : 17.5/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.023 ± 0.009 χ^2/NDF : 10.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

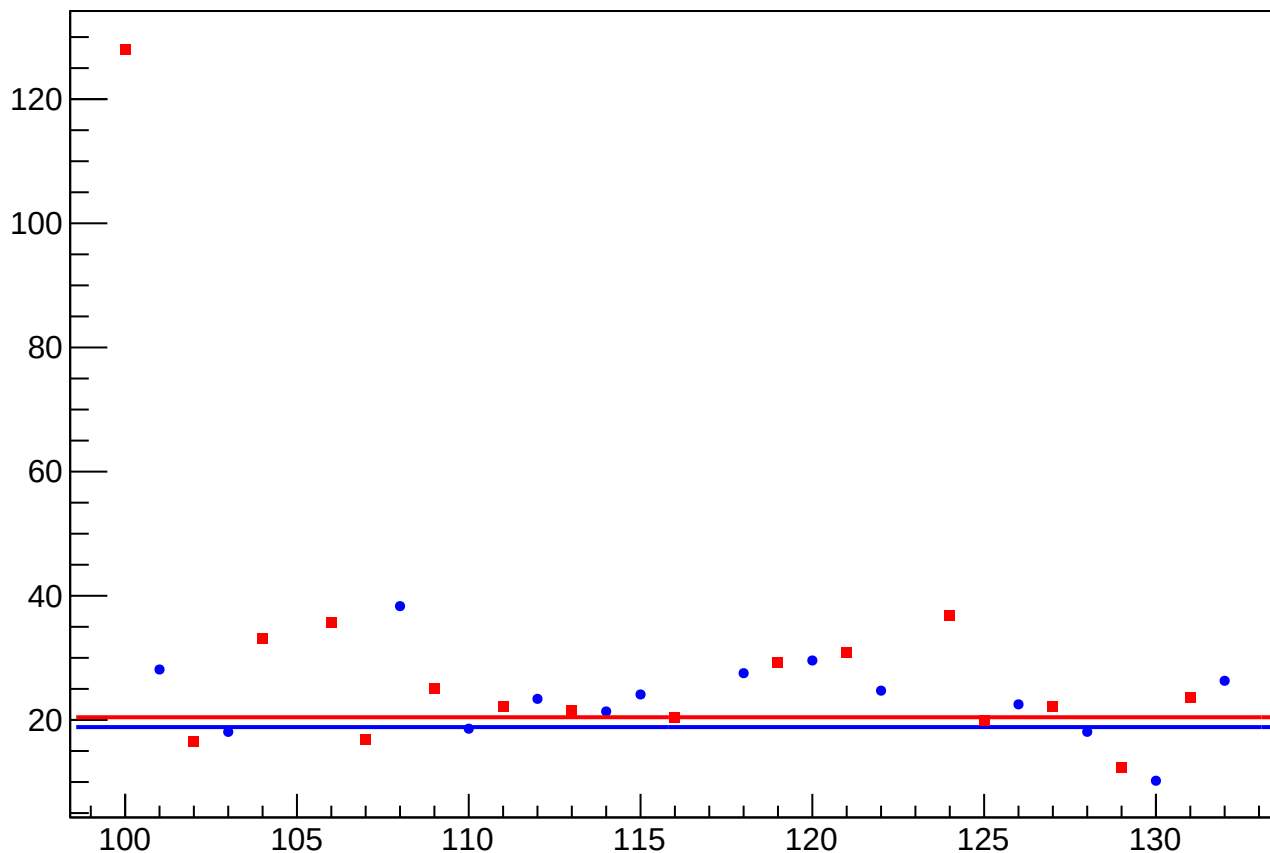
Right: -0.012 ± 0.006 χ^2/NDF : 31.0/29

In: -0.001 ± 0.009 χ^2/NDF : 17.5/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.012 ± 0.006 χ^2/NDF : 31.0/29

asym_sam_1357_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.848+/-0.006 χ^2/NDF : 1298280.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.437+/-0.006 χ^2/NDF : 966564.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

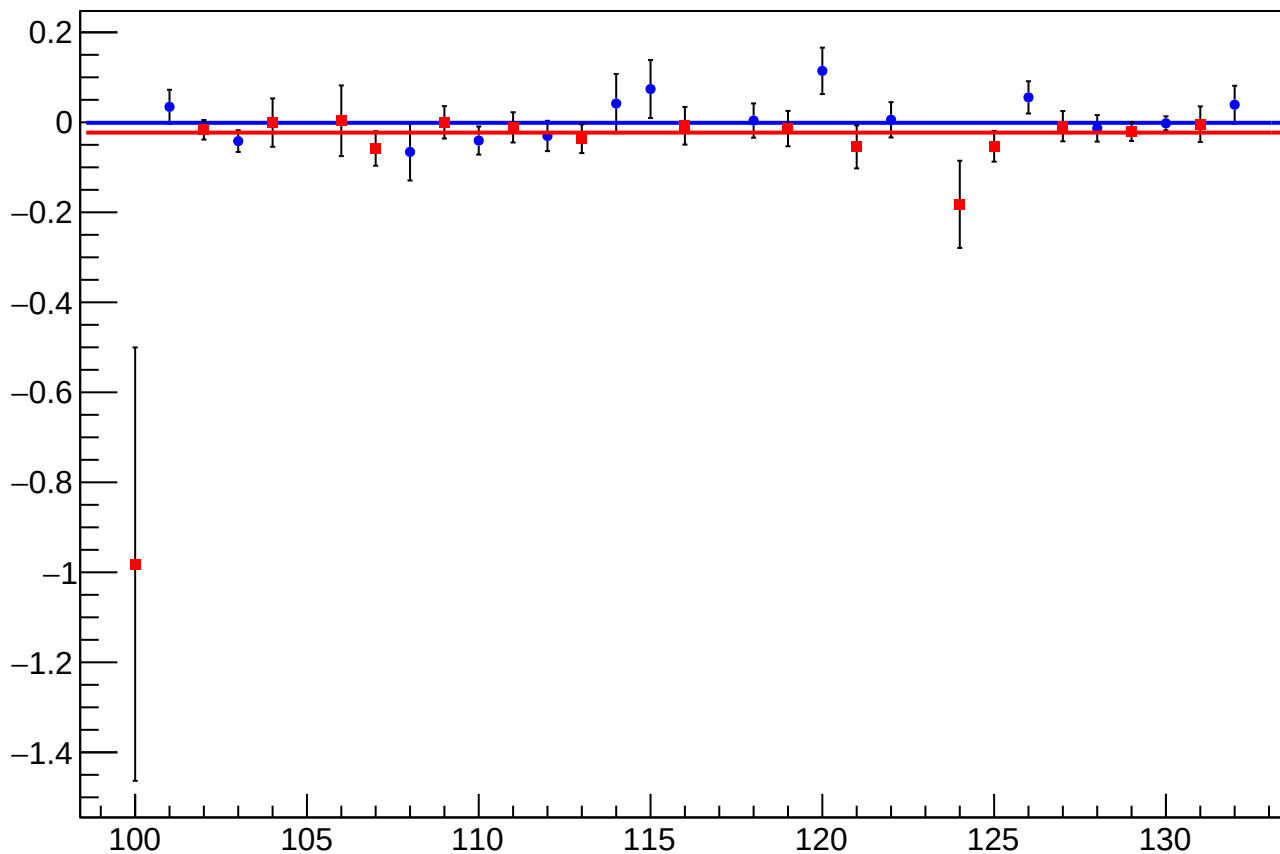
Right: 19.611+/-0.004 χ^2/NDF : 2297246.5/29

In: 18.848+/-0.006 χ^2/NDF : 1298280.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.611+/-0.004 χ^2/NDF : 2297246.5/29

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 ± 0.009 χ^2/NDF : 17.5/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.023 ± 0.009 χ^2/NDF : 10.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

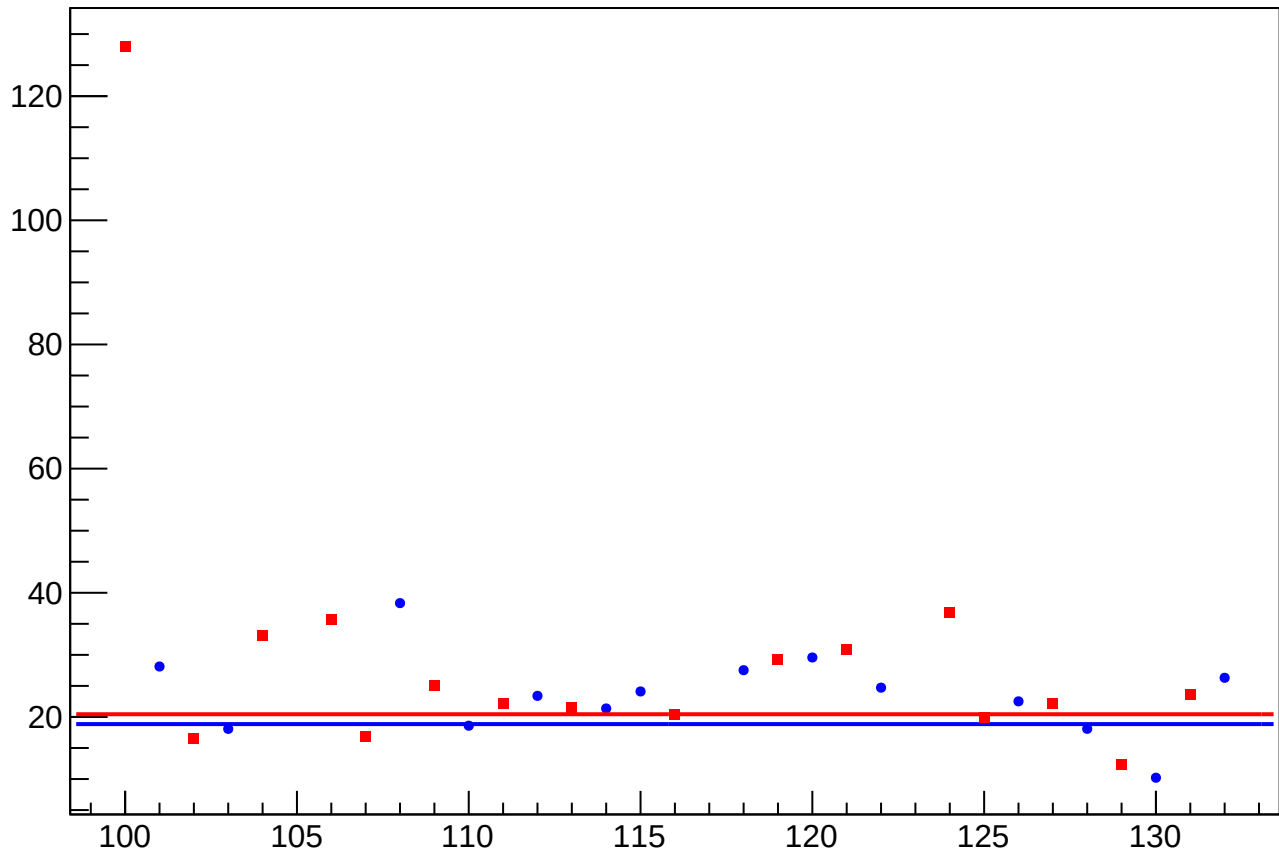
Right: -0.012 ± 0.006 χ^2/NDF : 31.0/29

In: -0.001 ± 0.009 χ^2/NDF : 17.5/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.012 ± 0.006 χ^2/NDF : 31.0/29

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.848+/-0.006 χ^2/NDF : 1298280.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.437+/-0.006 χ^2/NDF : 966564.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

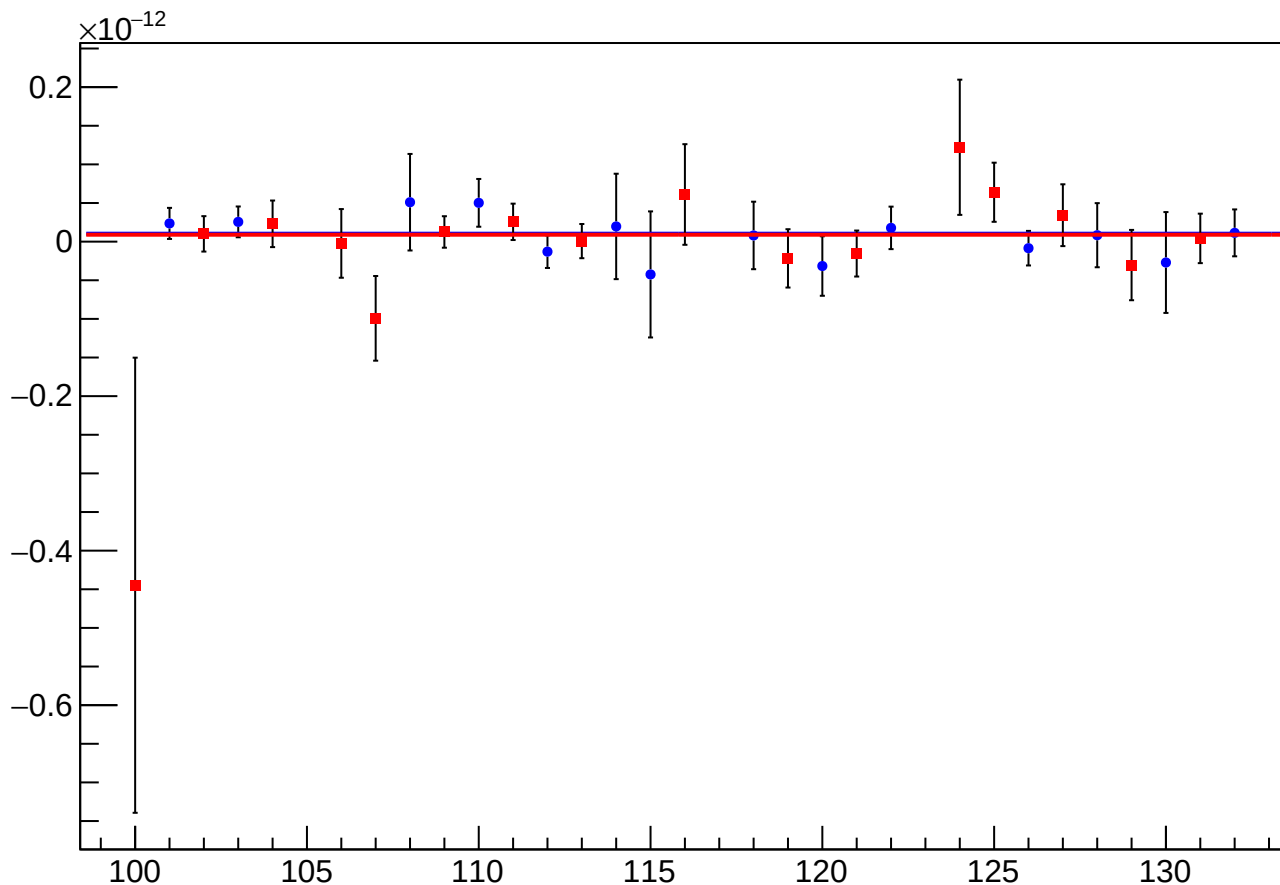
Right: 19.611+/-0.004 χ^2/NDF : 2297246.5/29

In: 18.848+/-0.006 χ^2/NDF : 1298280.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.611+/-0.004 χ^2/NDF : 2297246.5/29

asym_sam_1357_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

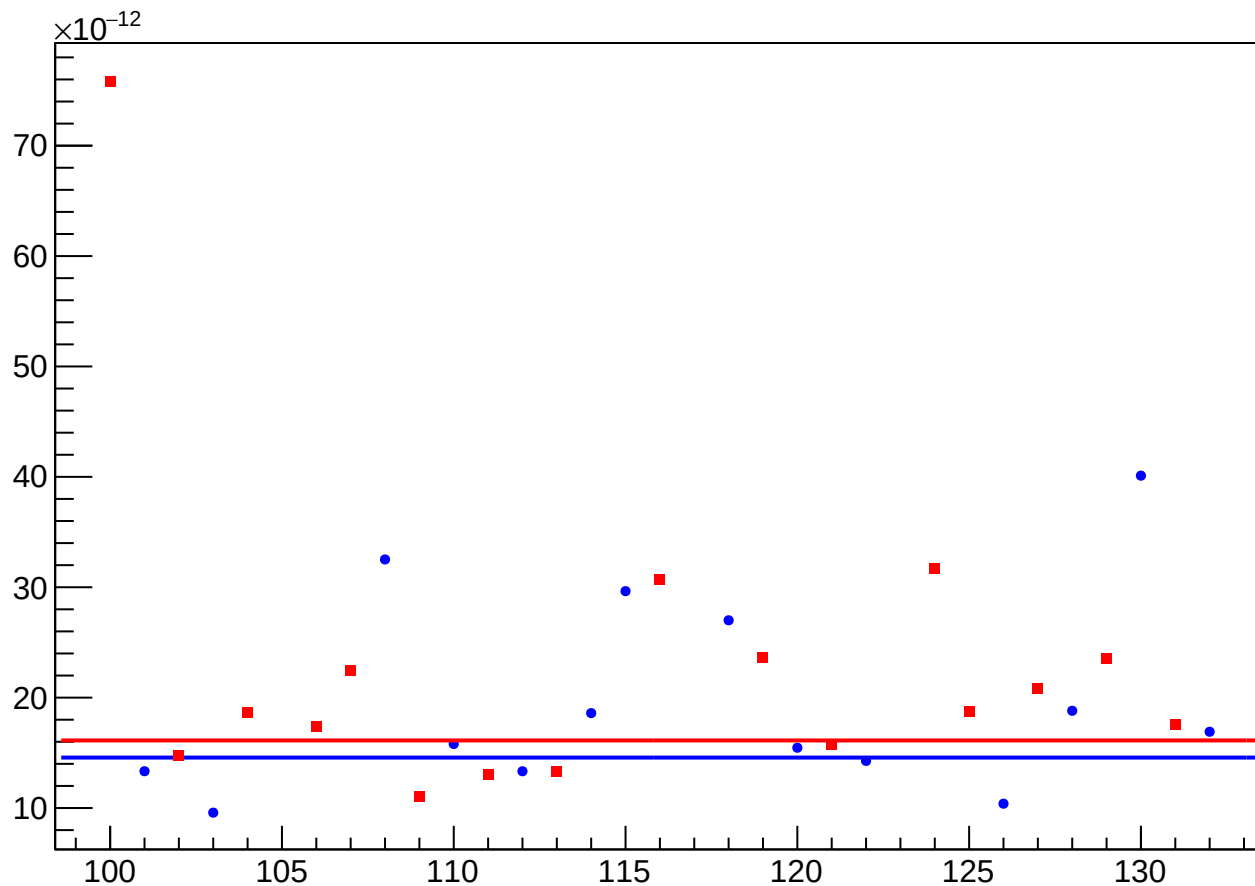
Right: 0.000+/-0.000 χ^2/NDF : 21.2/29

In: 0.000+/-0.000 χ^2/NDF : 7.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.2/29

asym_sam_1357_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 955178.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 659874.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

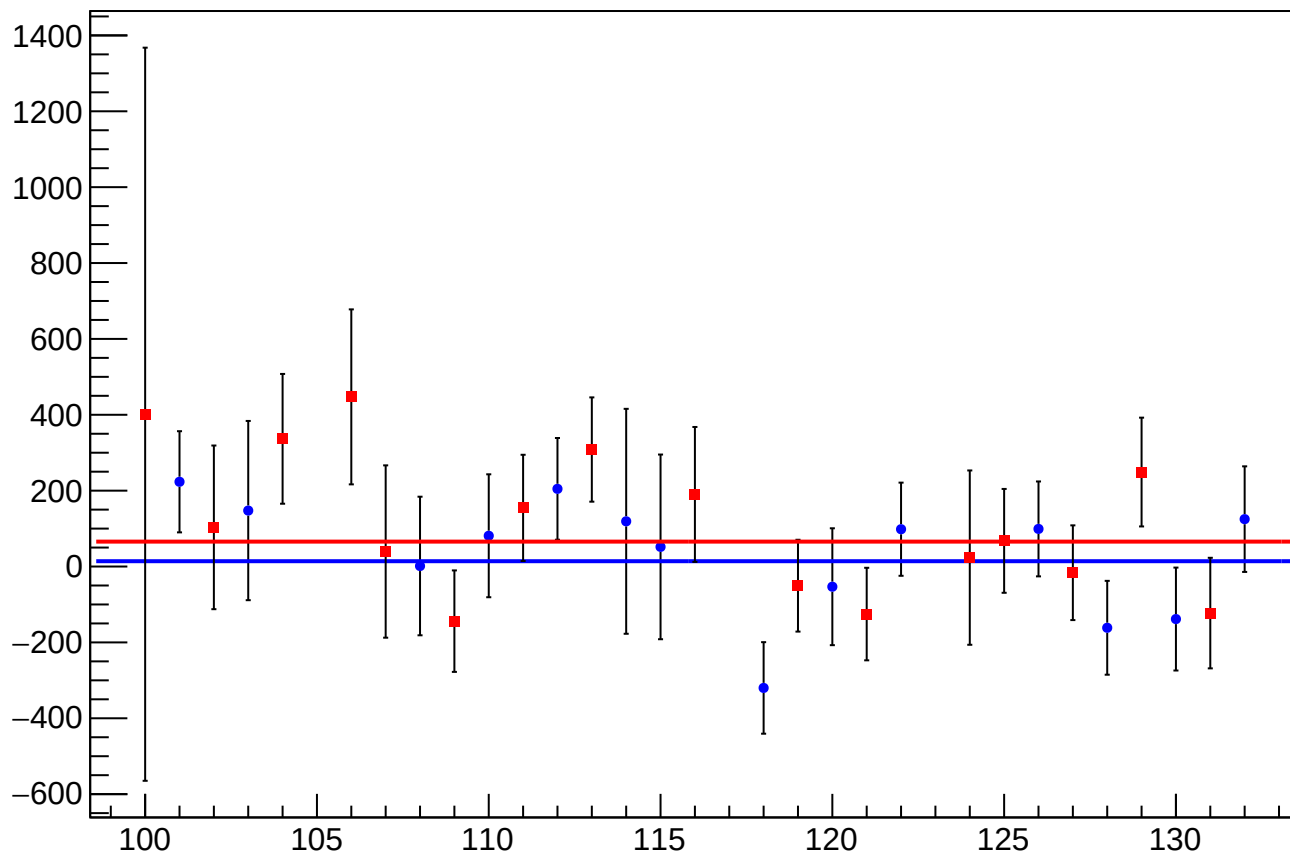
Right: 0.000+/-0.000 χ^2/NDF : 1651636.3/29

In: 0.000+/-0.000 χ^2/NDF : 955178.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1651636.3/29

reg_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 14.045 $\pm$ 39.573 χ^2 /NDF: 17.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 65.693 $\pm$ 39.100 χ^2 /NDF: 19.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

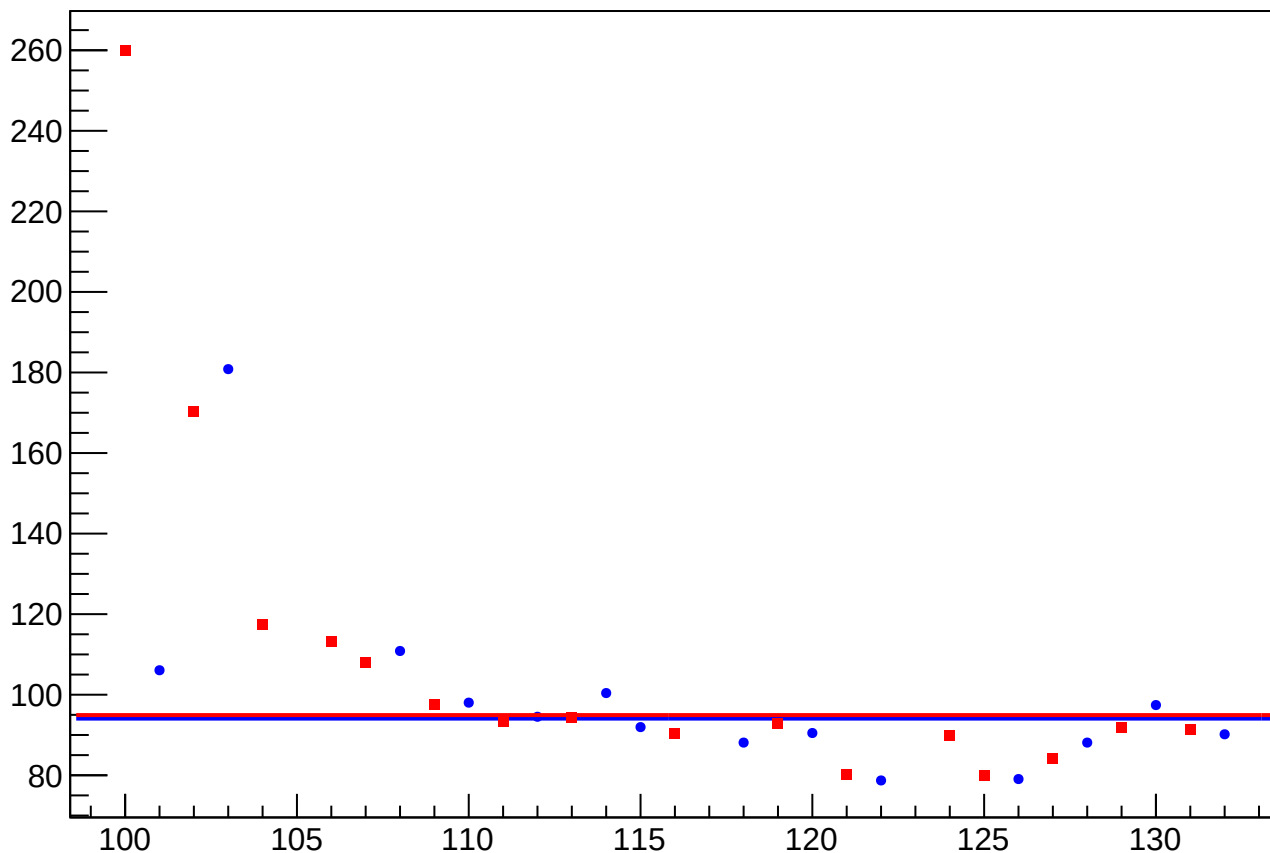
Right: 40.179 $\pm$ 27.814 χ^2 /NDF: 37.7/29

In: 14.045 $\pm$ 39.573 χ^2 /NDF:17.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 40.179 $\pm$ 27.814 χ^2 /NDF: 37.7/29

reg_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 94.070+/-0.028 χ^2/NDF : 378642.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.940+/-0.028 χ^2/NDF : 430399.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

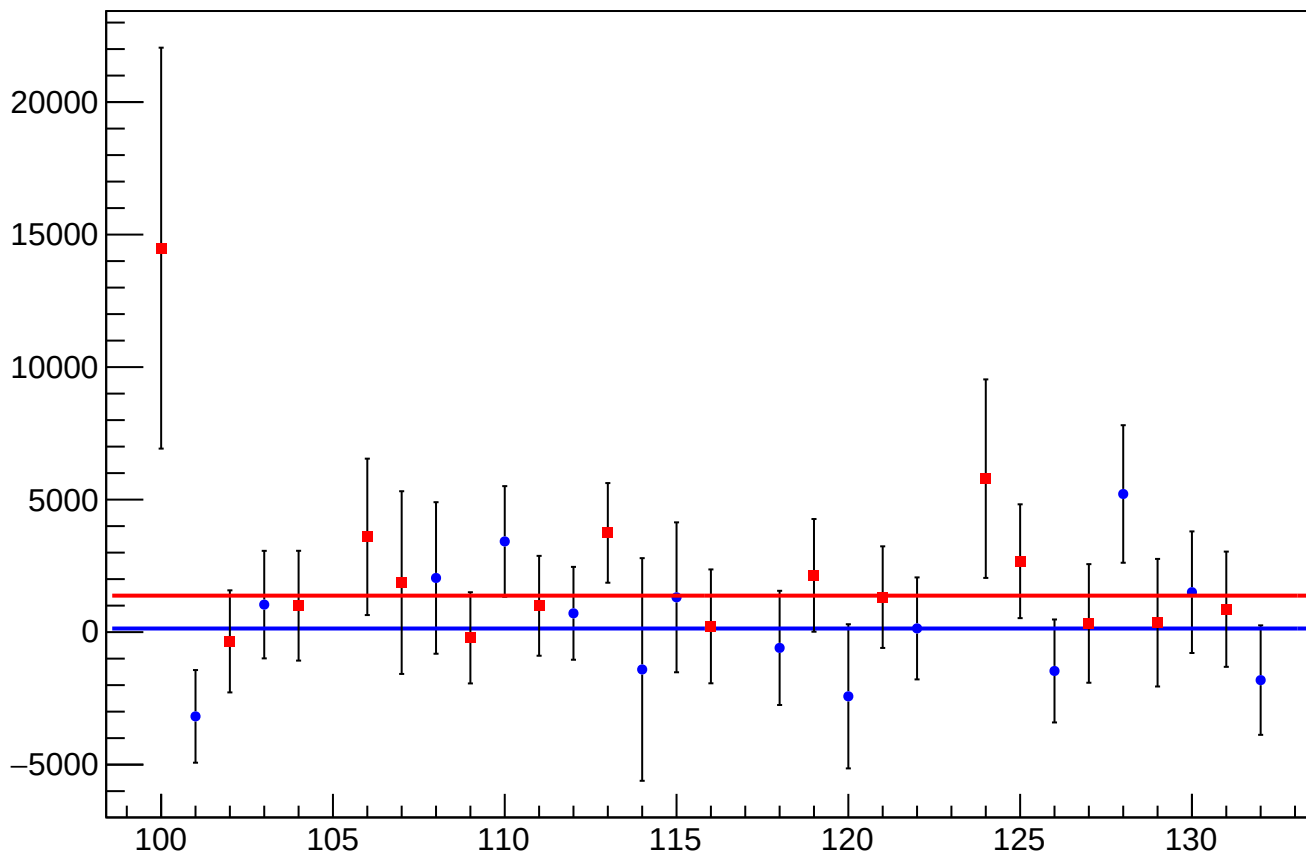
Right: 94.511+/-0.020 χ^2/NDF : 809530.6/29

In: 94.070+/-0.028 χ^2/NDF : 378642.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.511+/-0.020 χ^2/NDF : 809530.6/29

asym_sam_2468_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 136.313 $\pm$ 588.411 χ^2 /NDF: 13.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1376.737 $\pm$ 558.718 χ^2 /NDF: 9.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

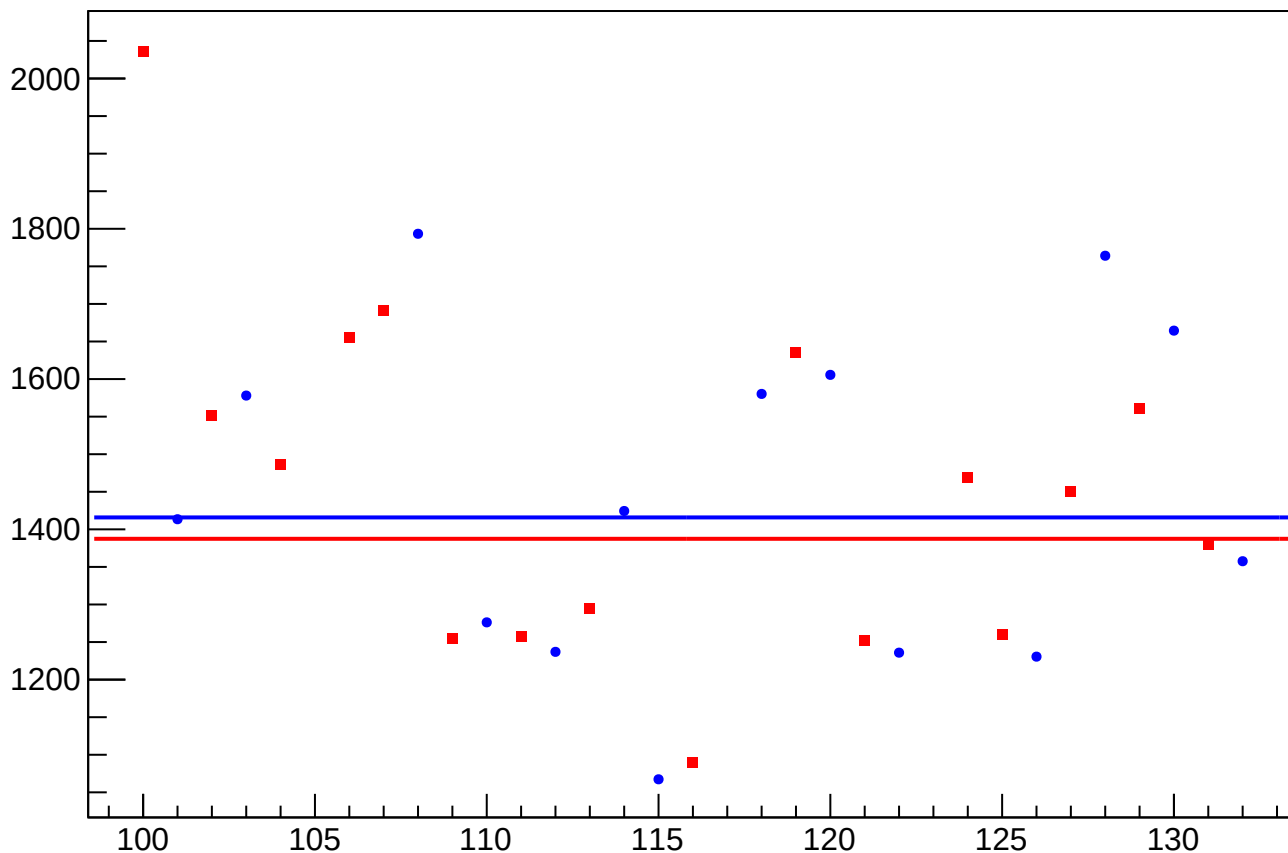
Right: 788.612 $\pm$ 405.164 χ^2 /NDF: 25.8/29

In: 136.313 $\pm$ 588.411 χ^2 /NDF:13.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 788.612 $\pm$ 405.164 χ^2 /NDF: 25.8/29

asym_sam_2468_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1415.867+/-0.416 χ^2/NDF : 225997.6/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1387.413+/-0.395 χ^2/NDF : 187397.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

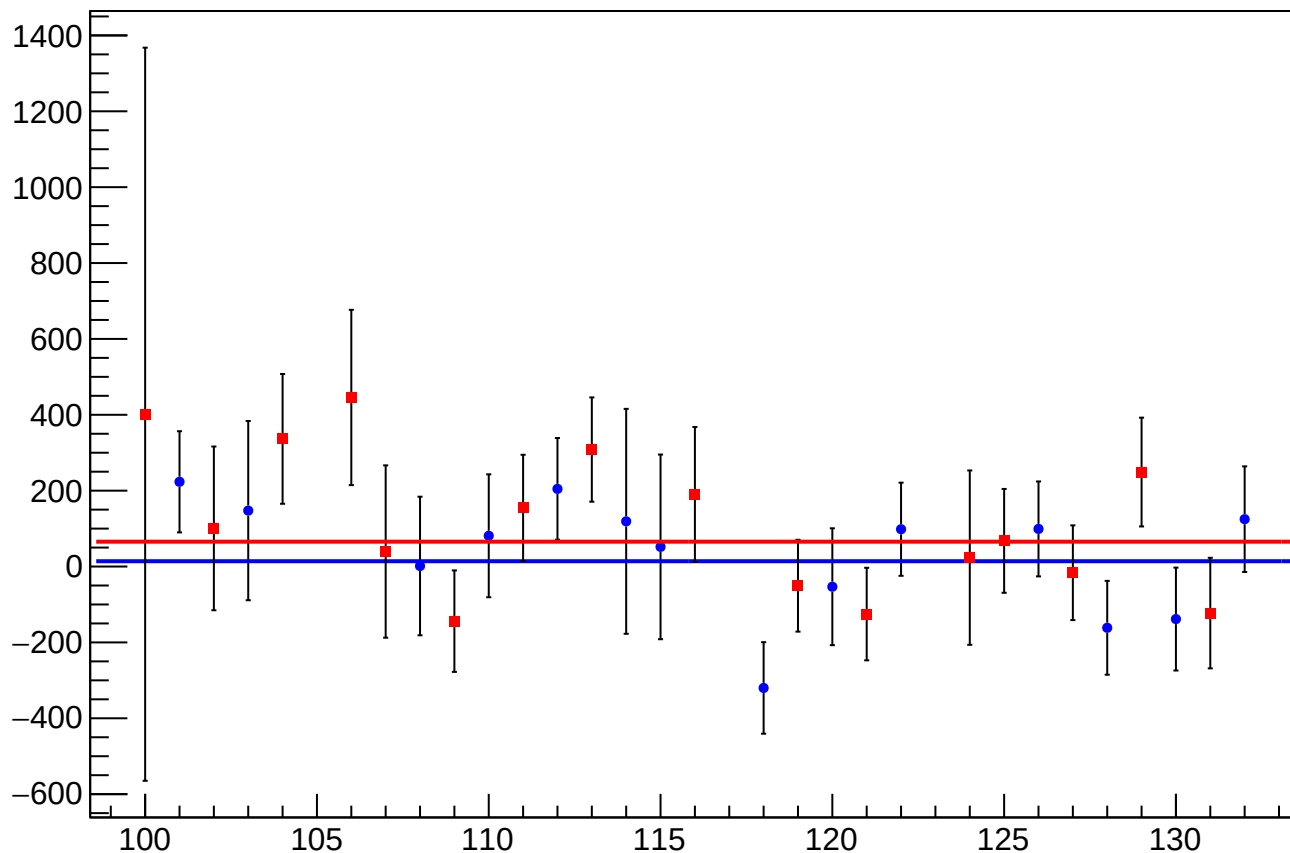
Right: 1400.904+/-0.286 χ^2/NDF : 415854.0/29

In: 1415.867+/-0.416 χ^2/NDF :225997.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1400.904+/-0.286 χ^2/NDF : 415854.0/29

cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 14.029 $\pm$ 39.573 χ^2 /NDF: 17.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 65.510 $\pm$ 39.103 χ^2 /NDF: 19.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

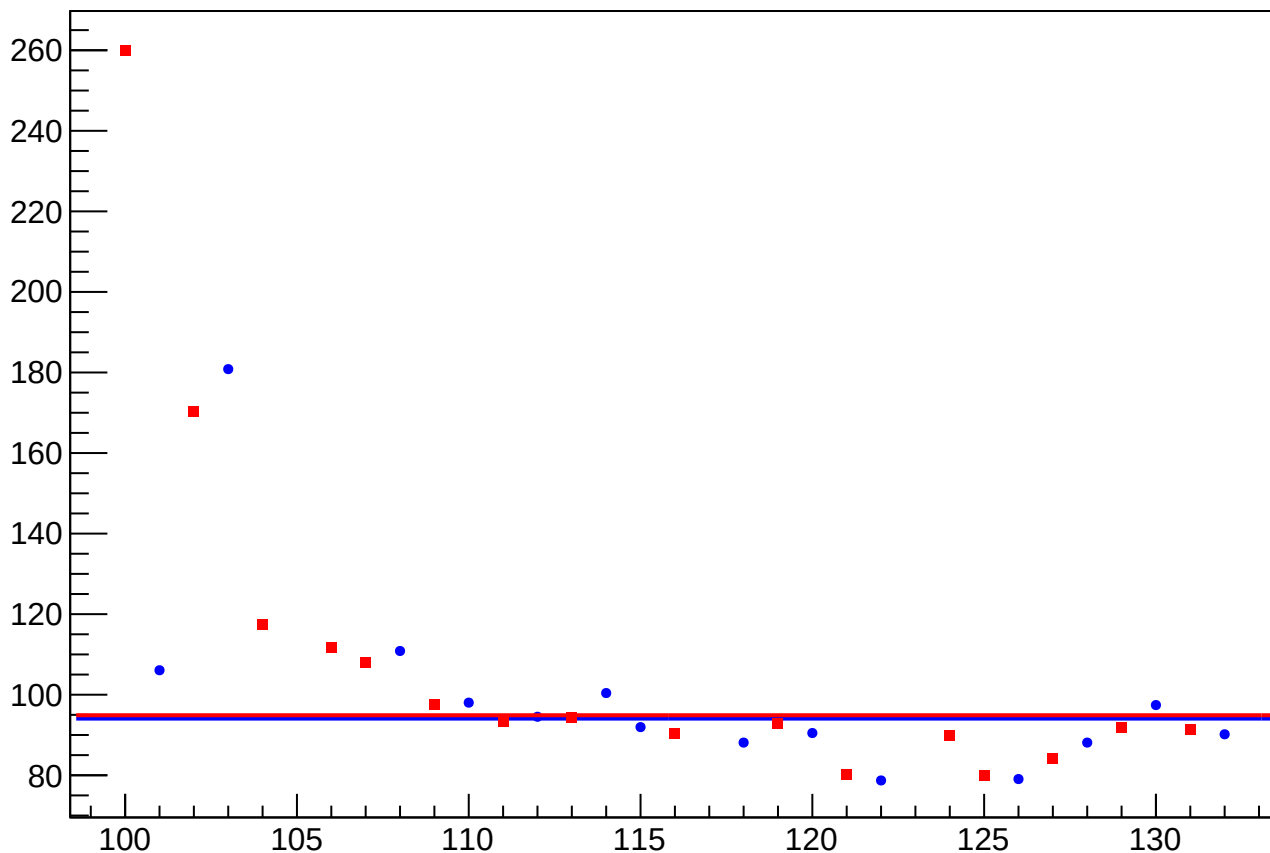
Right: 40.077 $\pm$ 27.815 χ^2 /NDF: 37.7/29

In: 14.029 $\pm$ 39.573 χ^2 /NDF:17.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 40.077 $\pm$ 27.815 χ^2 /NDF: 37.7/29

cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 94.070+/-0.028 χ^2/NDF : 378645.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.901+/-0.028 χ^2/NDF : 428922.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

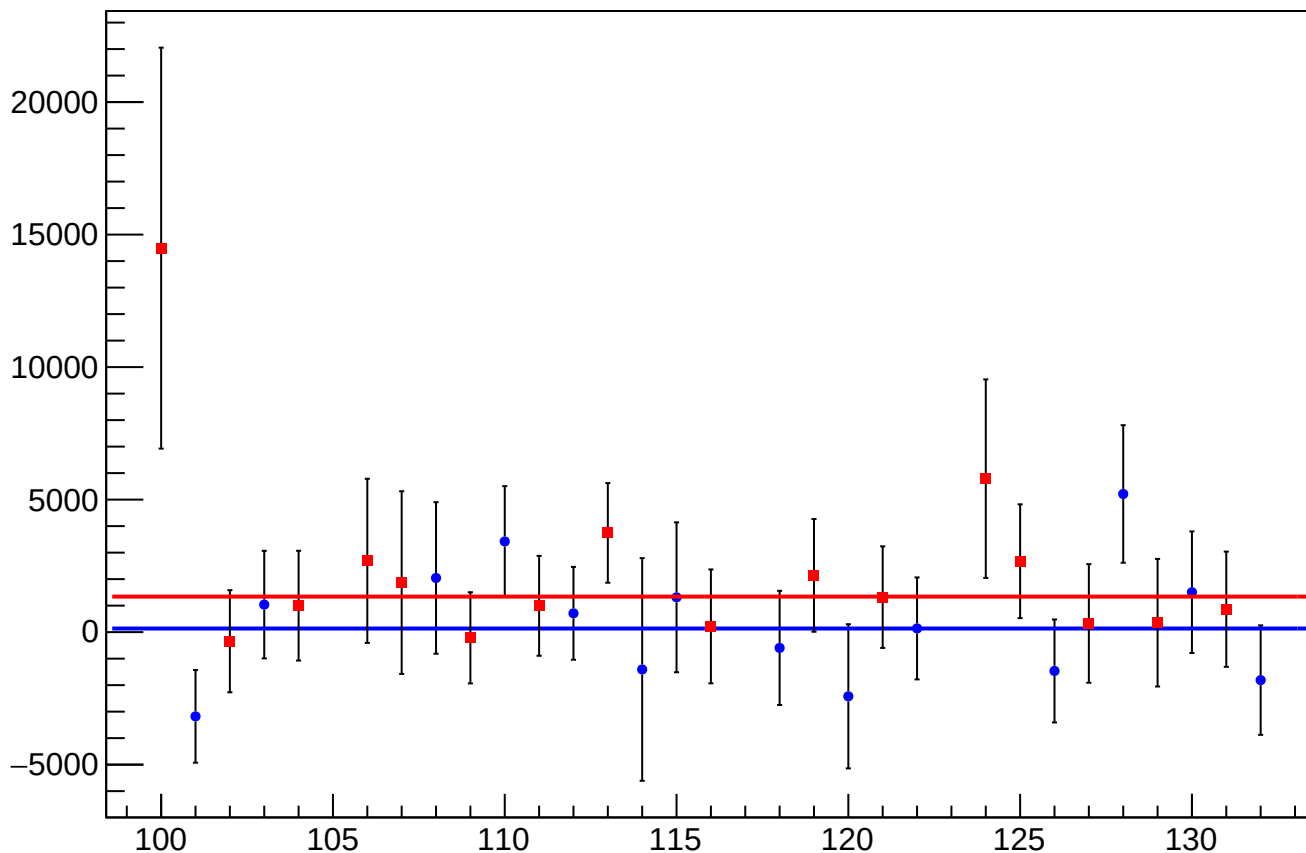
Right: 94.491+/-0.020 χ^2/NDF : 808013.7/29

In: 94.070+/-0.028 χ^2/NDF : 378645.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.491+/-0.020 χ^2/NDF : 808013.7/29

asym_sam_2468_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 136.370+/-588.414 χ^2/NDF : 13.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1340.591+/-559.670 χ^2/NDF : 9.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

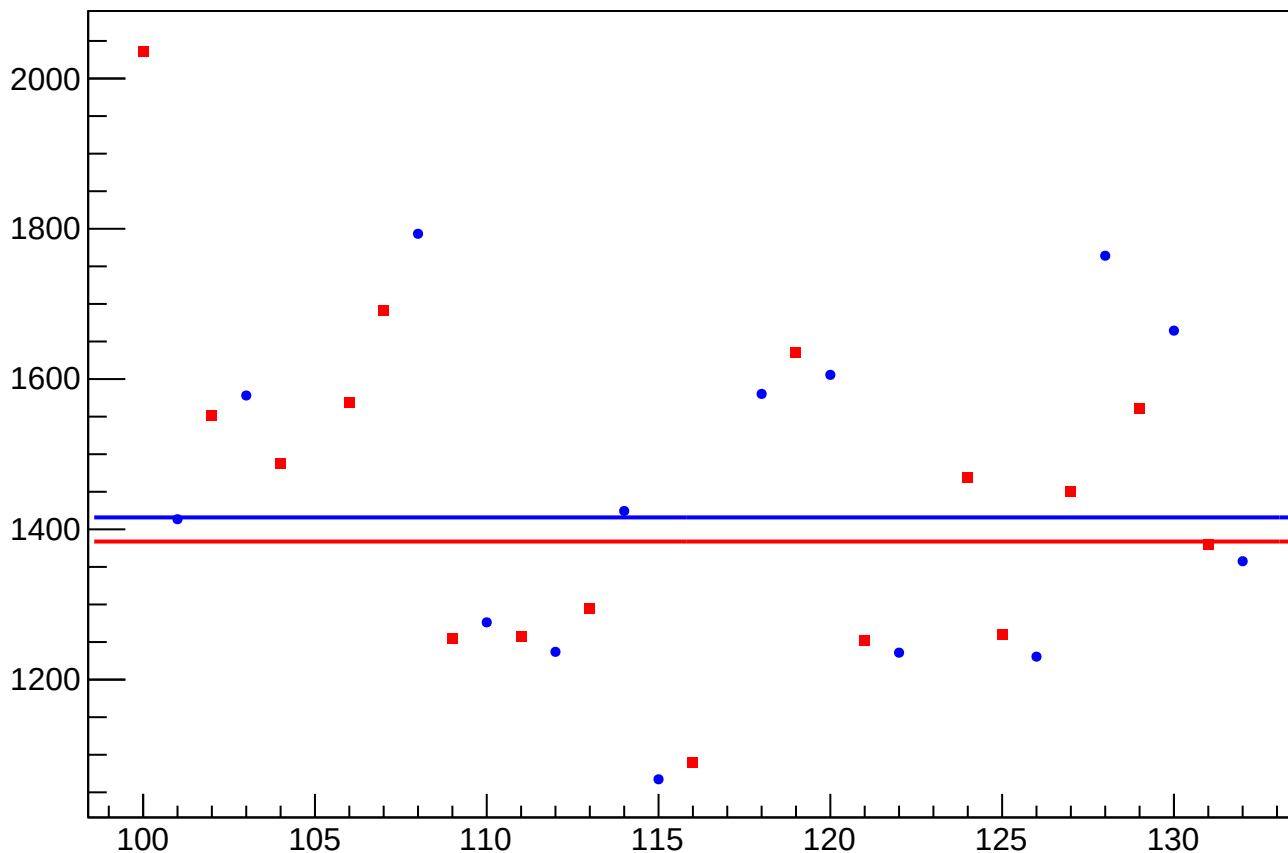
Right: 768.612+/-405.528 χ^2/NDF : 25.2/29

In: 136.370+/-588.414 χ^2/NDF : 13.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 768.612+/-405.528 χ^2/NDF : 25.2/29

asym_sam_2468_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1415.873+/-0.416 χ^2/NDF : 226013.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1383.773+/-0.396 χ^2/NDF : 177872.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

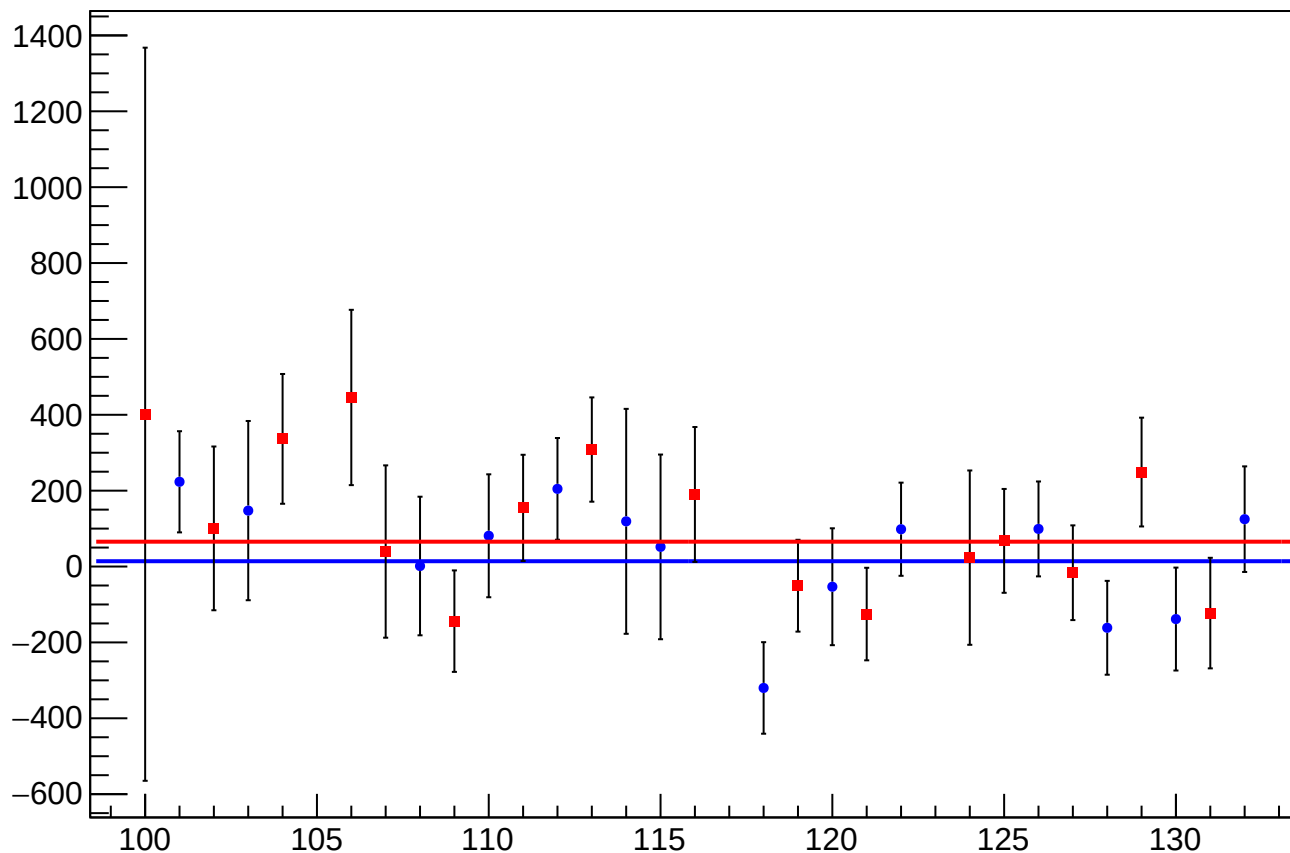
Right: 1399.020+/-0.287 χ^2/NDF : 407011.0/29

In: 1415.873+/-0.416 χ^2/NDF :226013.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1399.020+/-0.287 χ^2/NDF : 407011.0/29

eigen_cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 14.029+/-39.573 χ^2/NDF : 17.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.510+/-39.103 χ^2/NDF : 19.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

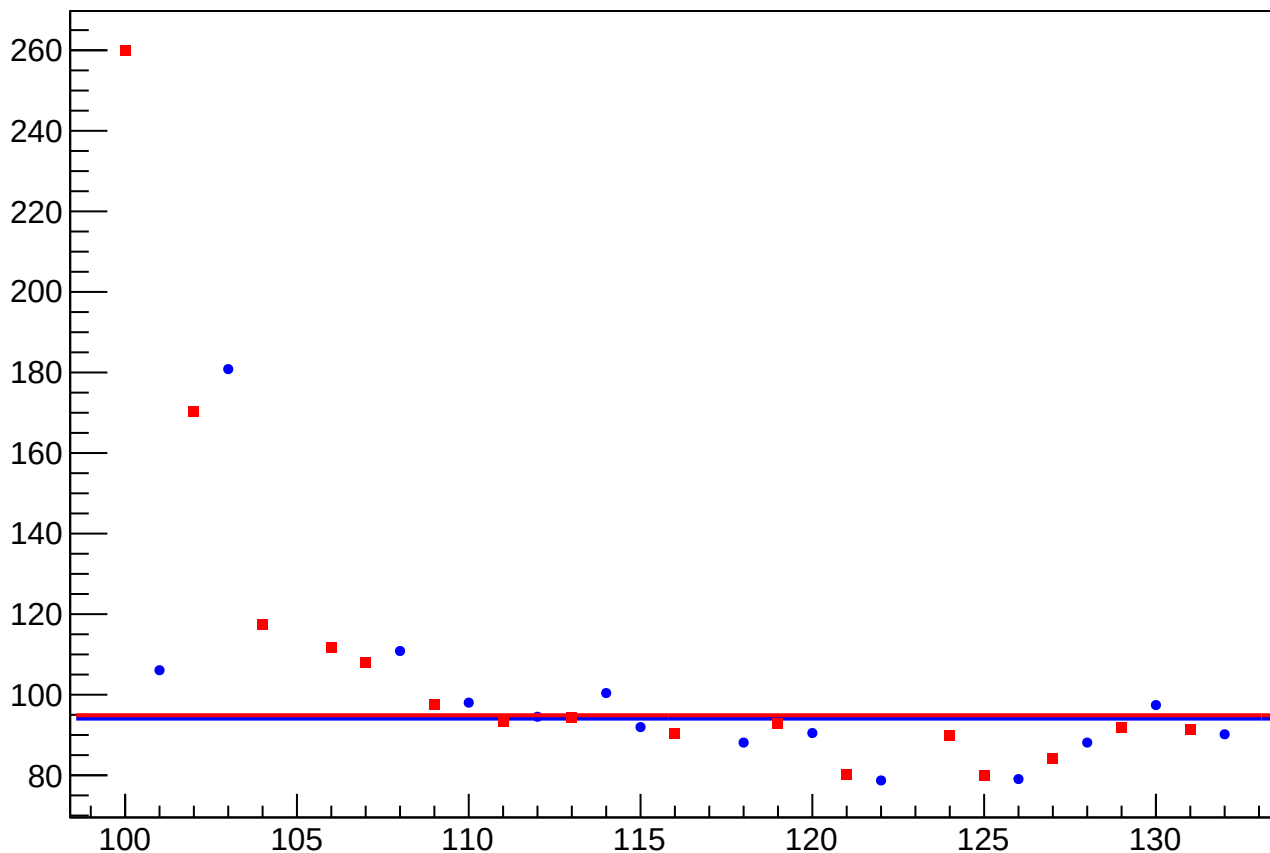
Right: 40.077+/-27.815 χ^2/NDF : 37.7/29

In: 14.029+/-39.573 χ^2/NDF : 17.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.077+/-27.815 χ^2/NDF : 37.7/29

eigen_cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 94.070+/-0.028 χ^2/NDF : 378645.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.901+/-0.028 χ^2/NDF : 428922.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

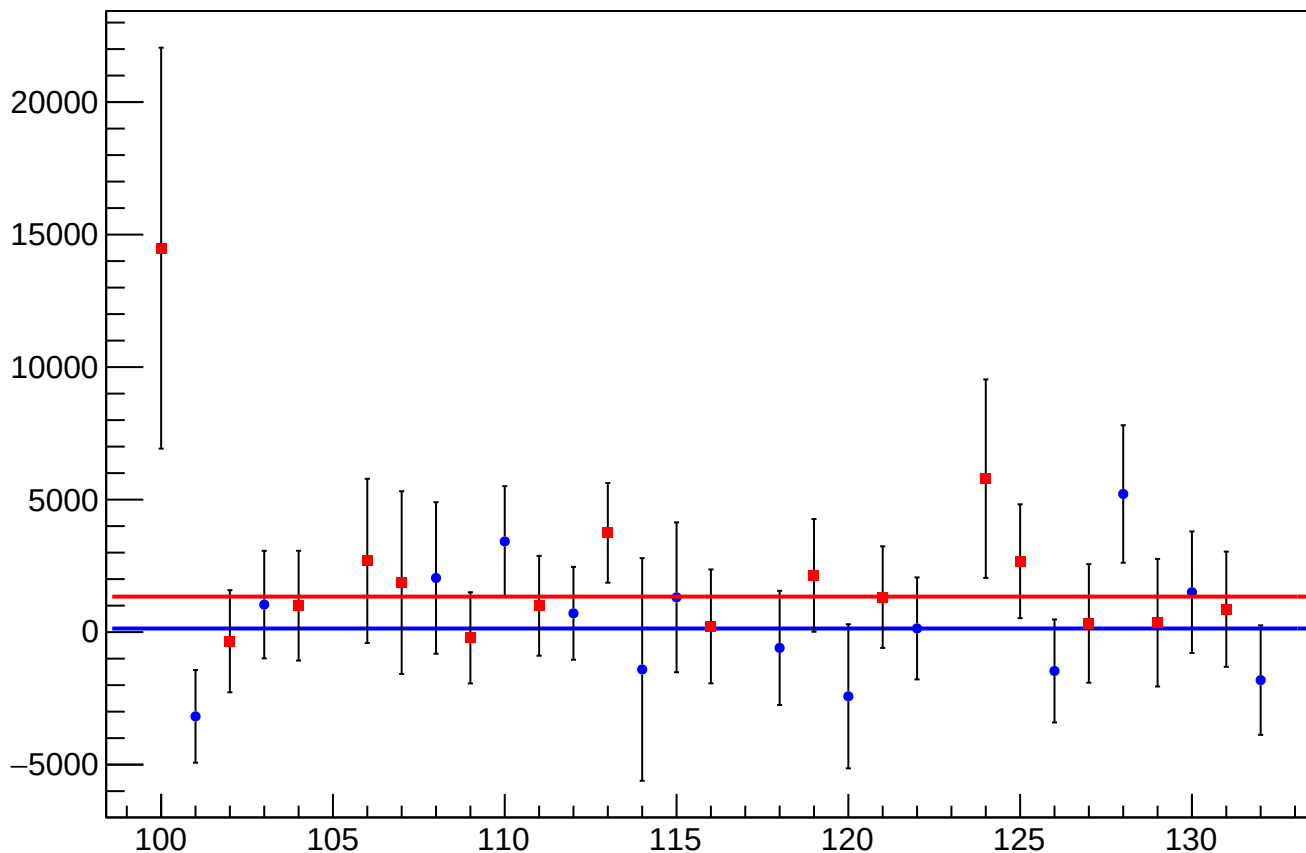
Right: 94.491+/-0.020 χ^2/NDF : 808013.7/29

In: 94.070+/-0.028 χ^2/NDF : 378645.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.491+/-0.020 χ^2/NDF : 808013.7/29

asym_sam_2468_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 136.370+/-588.414 χ^2/NDF : 13.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1340.591+/-559.670 χ^2/NDF : 9.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

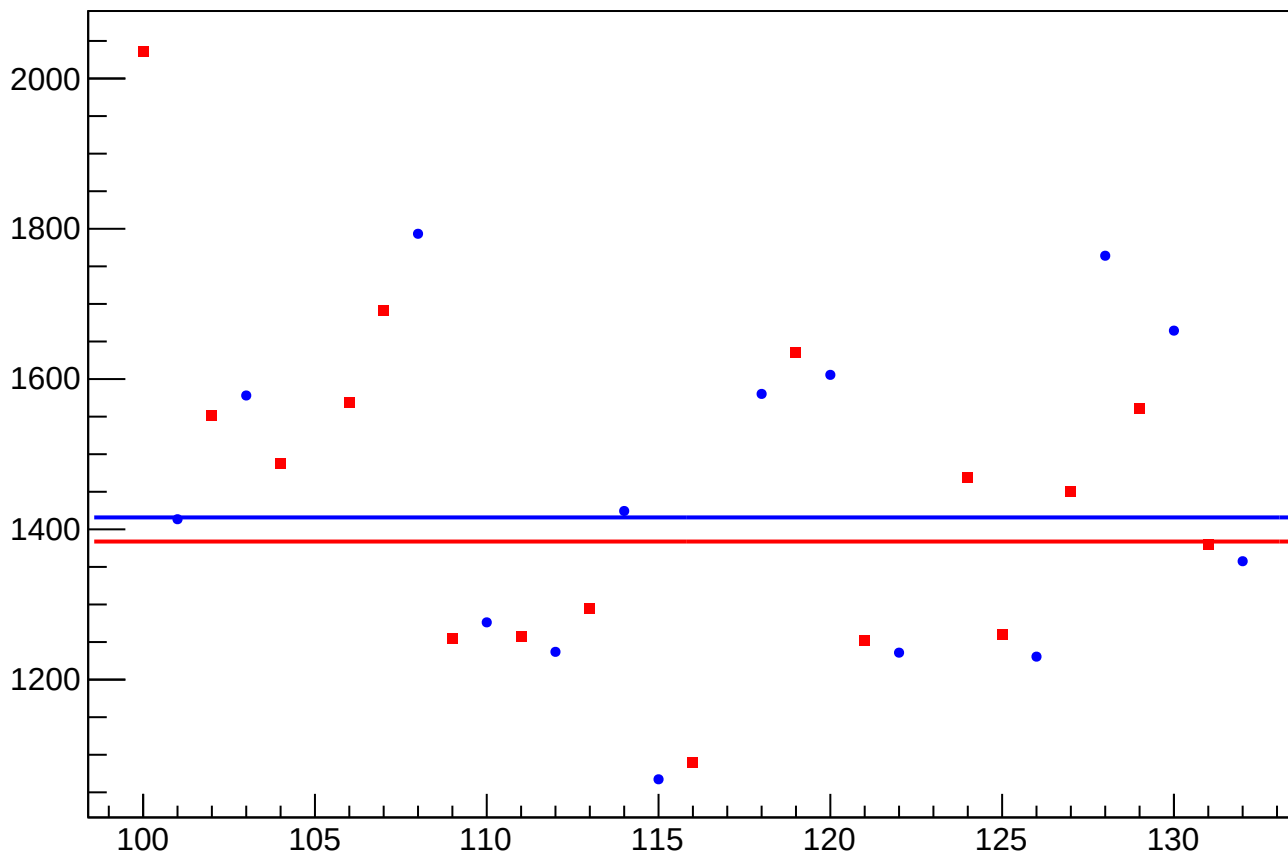
Right: 768.612+/-405.528 χ^2/NDF : 25.2/29

In: 136.370+/-588.414 χ^2/NDF : 13.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 768.612+/-405.528 χ^2/NDF : 25.2/29

asym_sam_2468_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1415.873+/-0.416 χ^2/NDF : 226013.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1383.773+/-0.396 χ^2/NDF : 177872.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

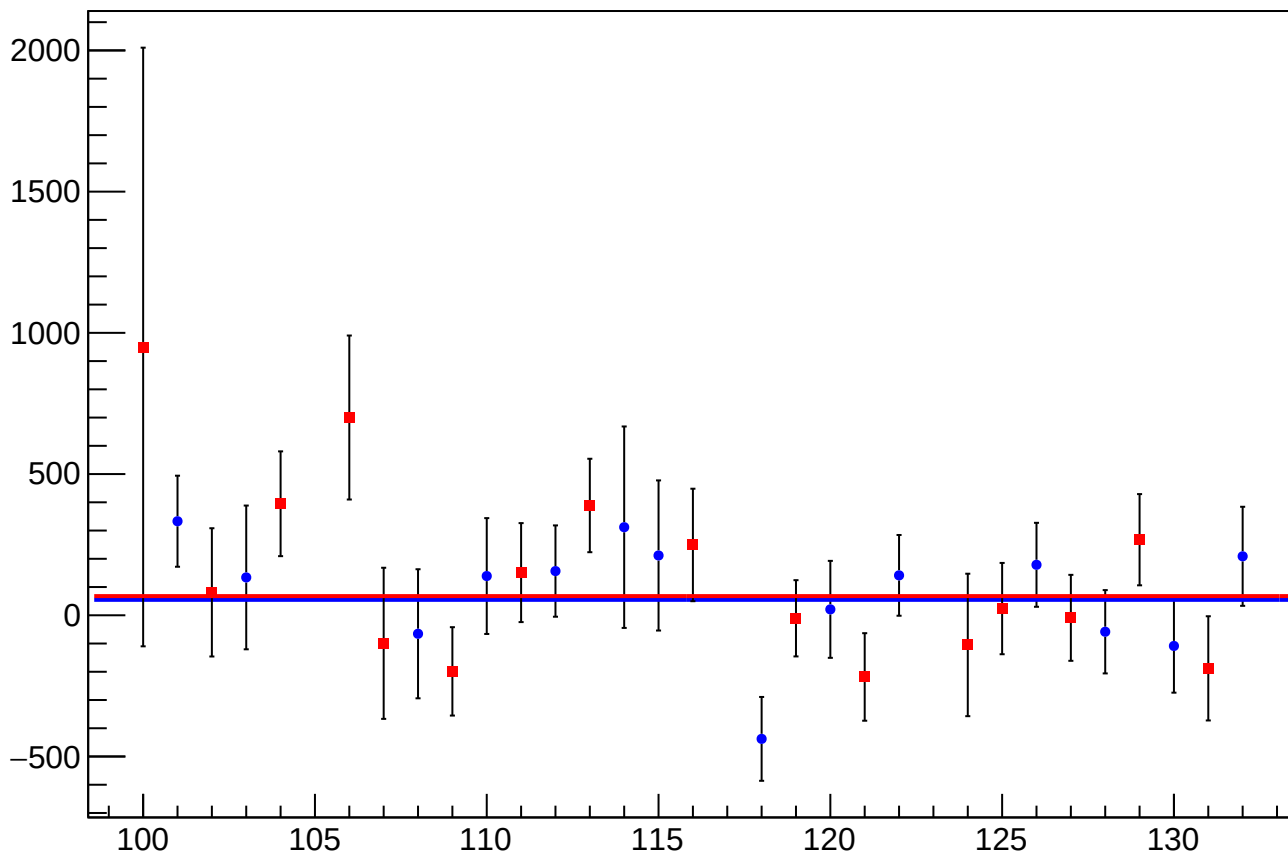
Right: 1399.020+/-0.287 χ^2/NDF : 407011.0/29

In: 1415.873+/-0.416 χ^2/NDF :226013.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1399.020+/-0.287 χ^2/NDF : 407011.0/29

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 54.674 $\pm$ 47.368 χ^2 /NDF: 19.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 67.890 $\pm$ 46.040 χ^2 /NDF: 24.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

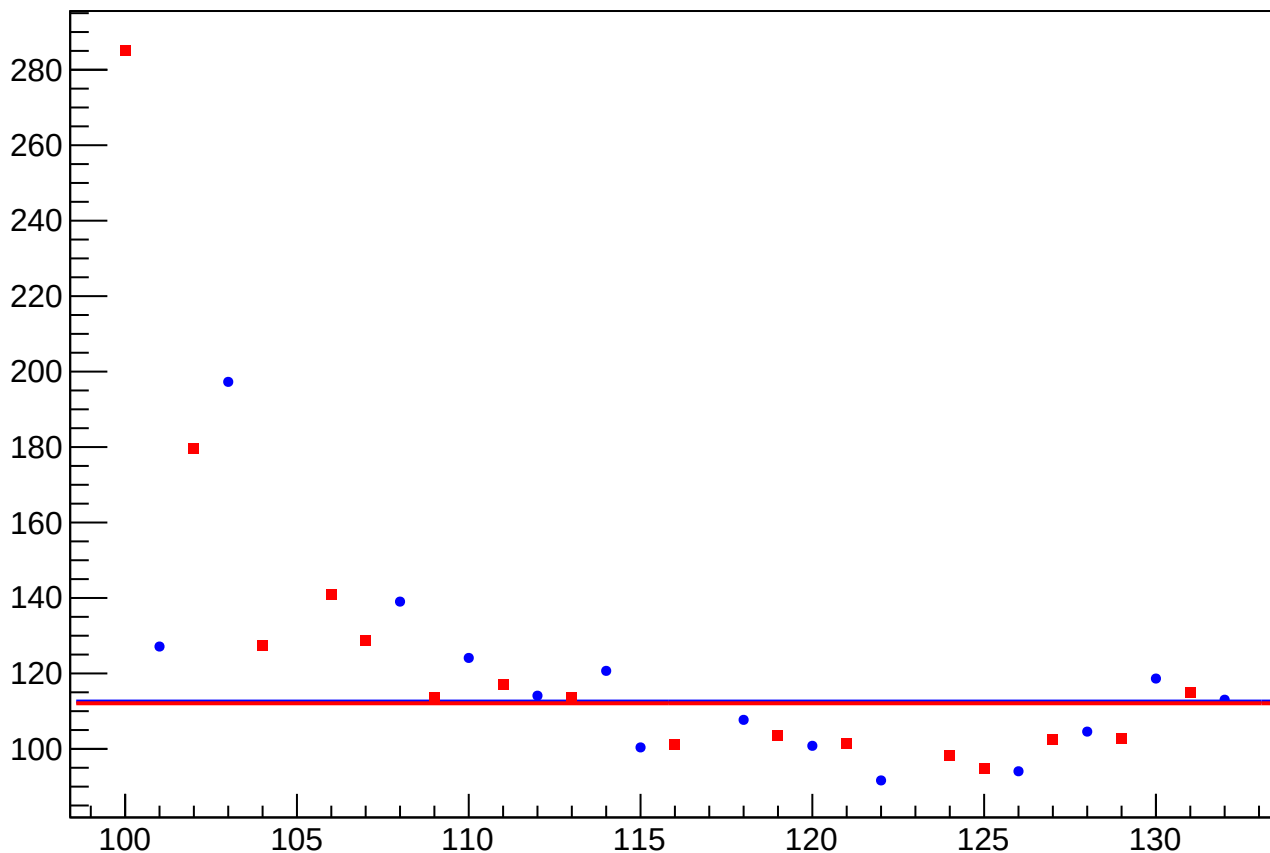
Right: 61.470 $\pm$ 33.015 χ^2 /NDF: 43.9/29

In: 54.674 $\pm$ 47.368 χ^2 /NDF:19.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 61.470 $\pm$ 33.015 χ^2 /NDF: 43.9/29

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 112.544+/-0.033 χ^2/NDF : 370418.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.089+/-0.033 χ^2/NDF : 341504.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

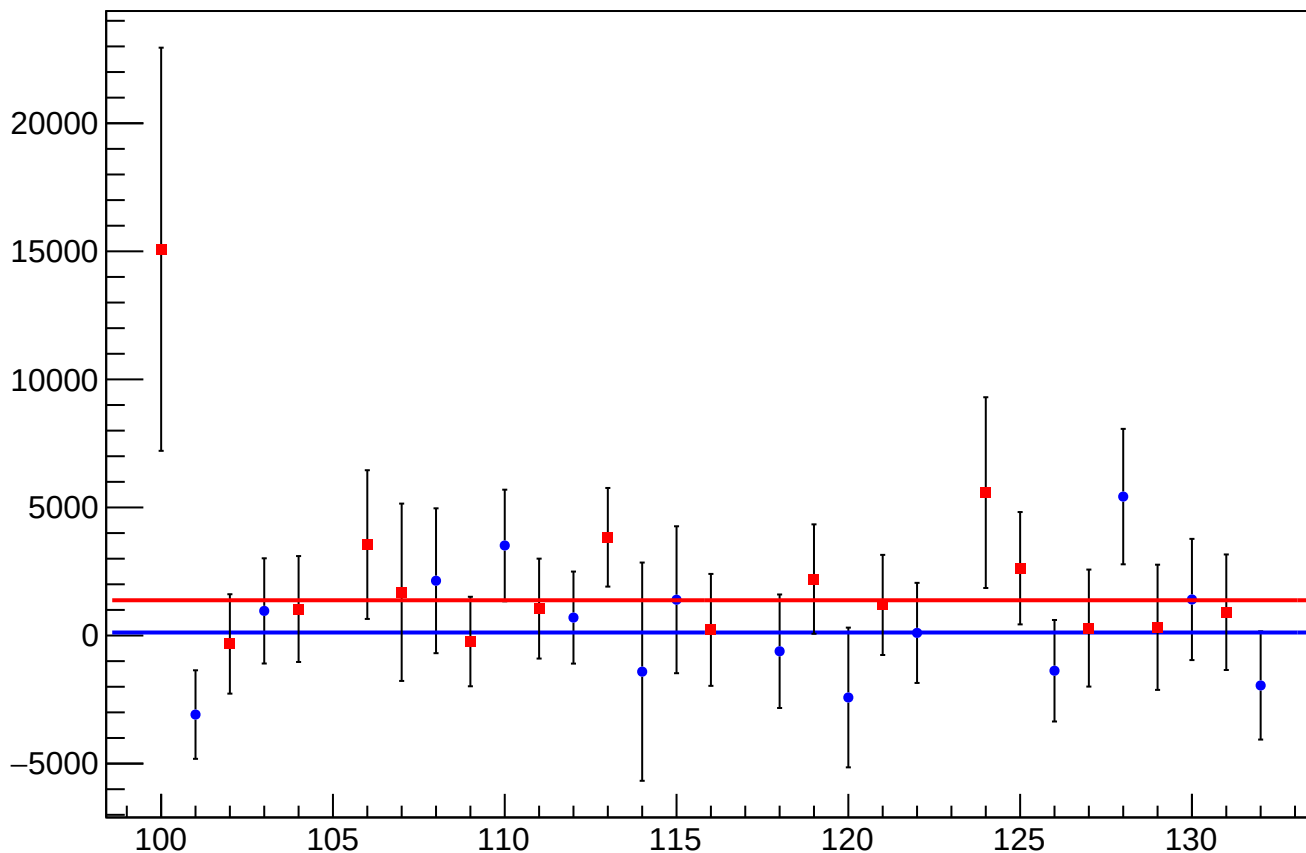
Right: 112.310+/-0.023 χ^2/NDF : 712017.7/29

In: 112.544+/-0.033 χ^2/NDF : 370418.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.310+/-0.023 χ^2/NDF : 712017.7/29

asym_sam_2468_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 118.048 $\pm$ 598.223 χ^2 /NDF: 13.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1377.054 $\pm$ 567.583 χ^2 /NDF: 9.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

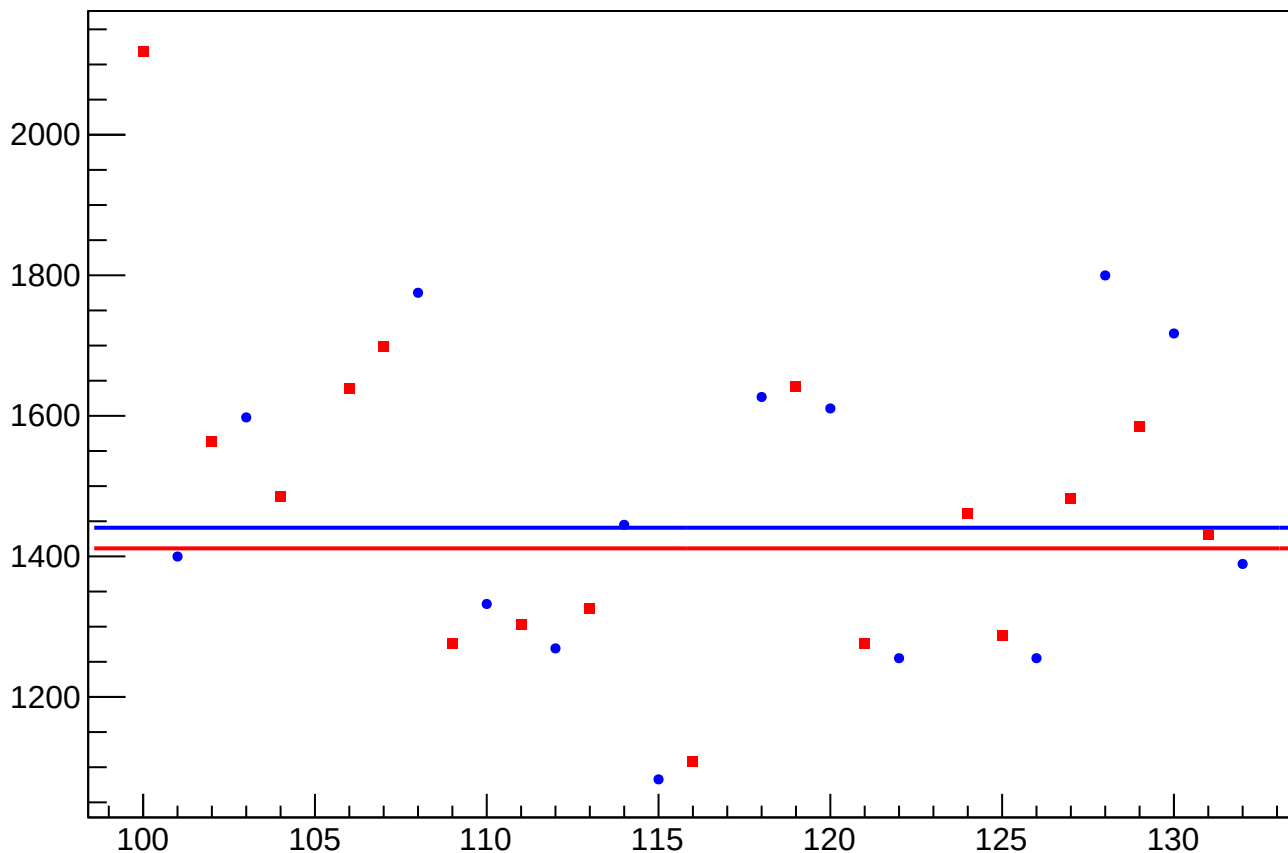
Right: 780.617 $\pm$ 411.748 χ^2 /NDF: 25.5/29

In: 118.048 $\pm$ 598.223 χ^2 /NDF: 13.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 780.617 $\pm$ 411.748 χ^2 /NDF: 25.5/29

asym_sam_2468_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1440.783+/-0.423 χ^2/NDF : 218002.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1411.428+/-0.401 χ^2/NDF : 169218.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

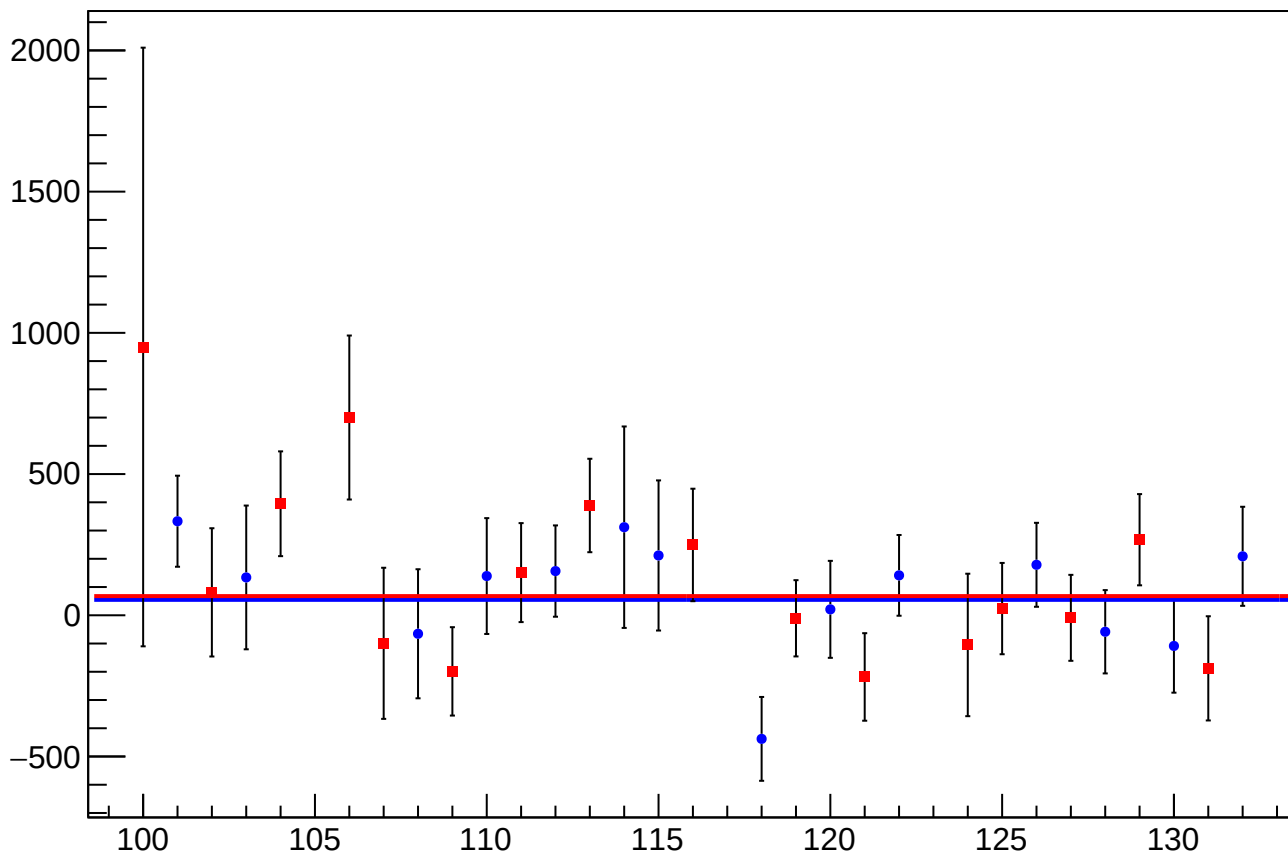
Right: 1425.334+/-0.291 χ^2/NDF : 389754.3/29

In: 1440.783+/-0.423 χ^2/NDF : 218002.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1425.334+/-0.291 χ^2/NDF : 389754.3/29

eigen_dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 54.672 $\pm$ 47.368 χ^2 /NDF: 19.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 67.888 $\pm$ 46.040 χ^2 /NDF: 24.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

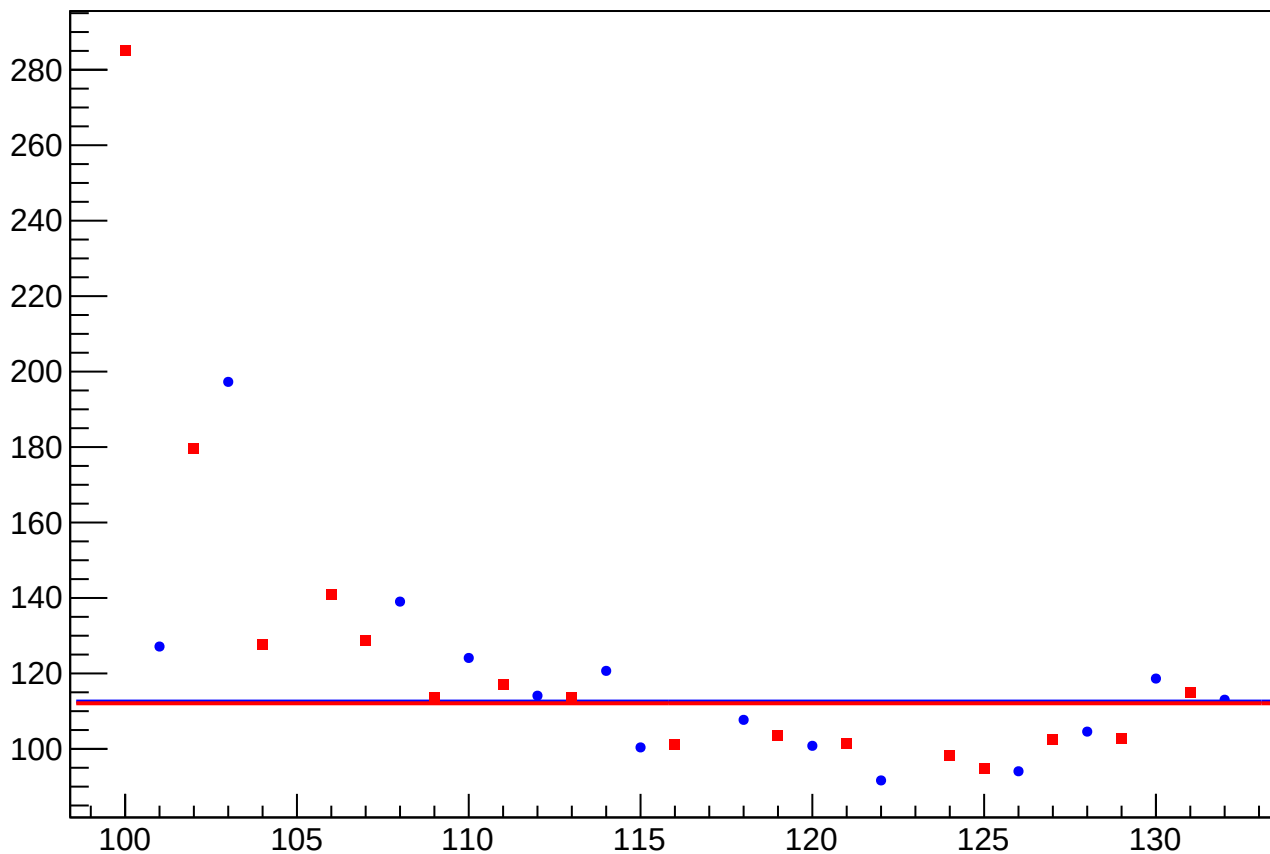
Right: 61.468 $\pm$ 33.015 χ^2 /NDF: 43.9/29

In: 54.672 $\pm$ 47.368 χ^2 /NDF:19.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 61.468 $\pm$ 33.015 χ^2 /NDF: 43.9/29

eigen_dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 112.543+/-0.033 χ^2/NDF : 370413.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.089+/-0.033 χ^2/NDF : 341503.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

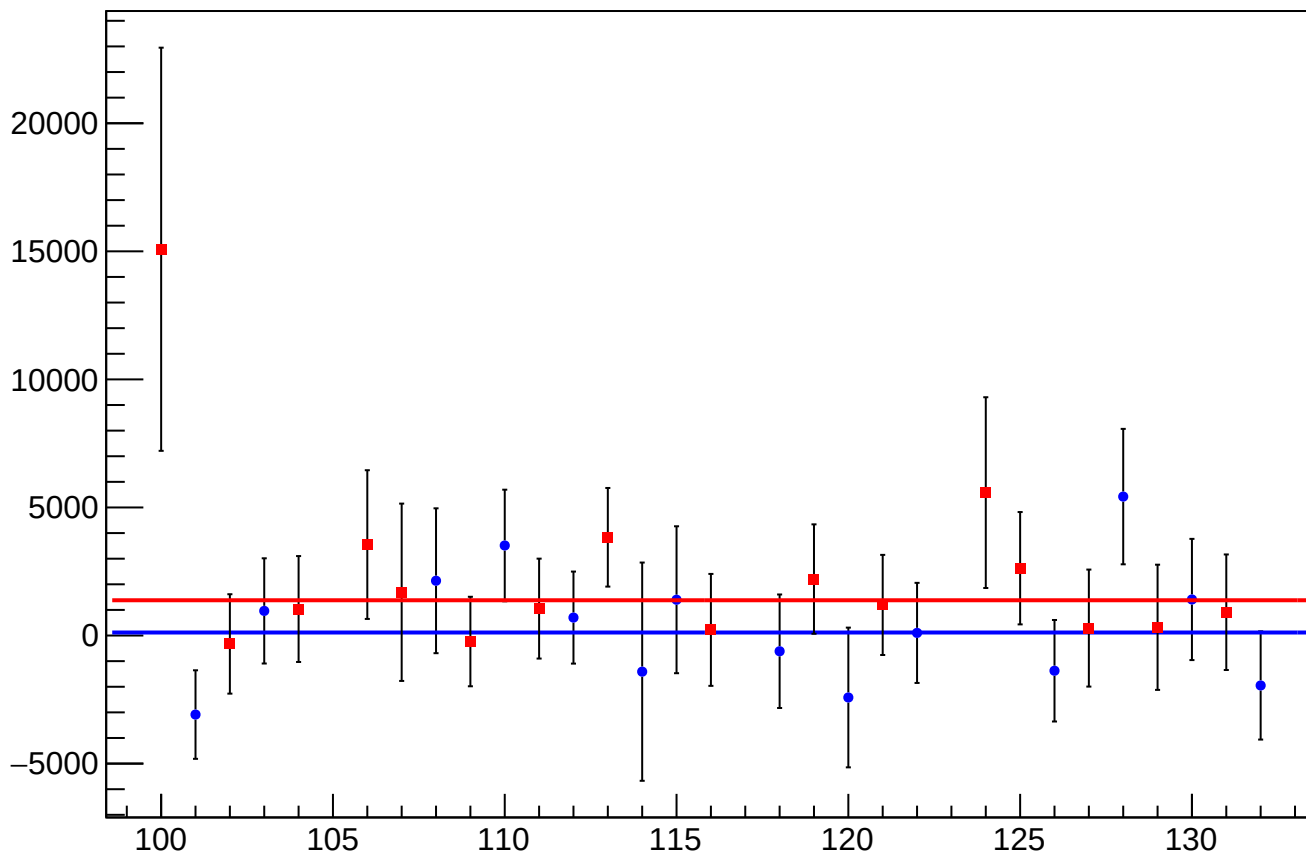
Right: 112.309+/-0.023 χ^2/NDF : 712011.7/29

In: 112.543+/-0.033 χ^2/NDF : 370413.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.309+/-0.023 χ^2/NDF : 712011.7/29

asym_sam_2468_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 118.050+/-598.221 χ^2/NDF : 13.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1377.051+/-567.582 χ^2/NDF : 9.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

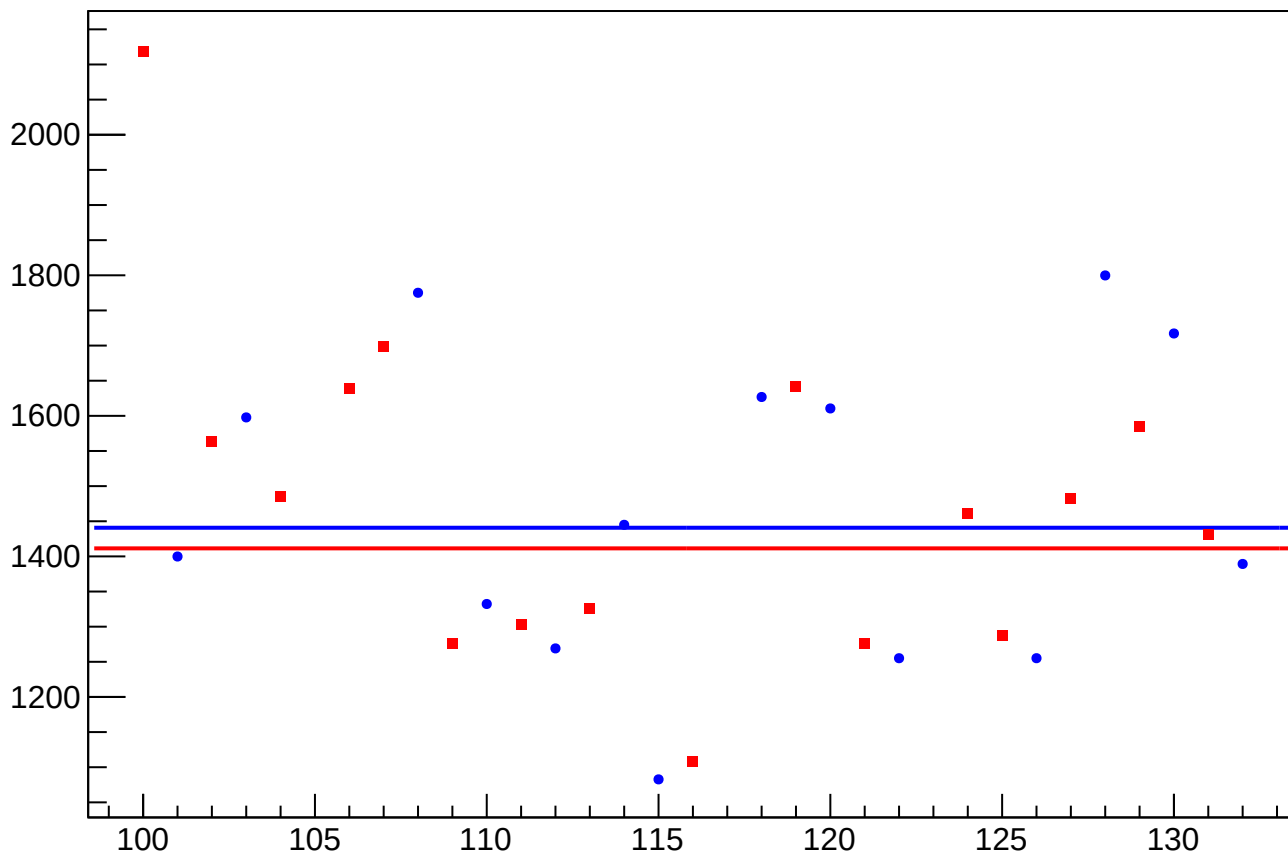
Right: 780.617+/-411.747 χ^2/NDF : 25.5/29

In: 118.050+/-598.221 χ^2/NDF : 13.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 780.617+/-411.747 χ^2/NDF : 25.5/29

asym_sam_2468_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1440.779+/-0.423 χ^2/NDF : 218002.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1411.424+/-0.401 χ^2/NDF : 169218.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

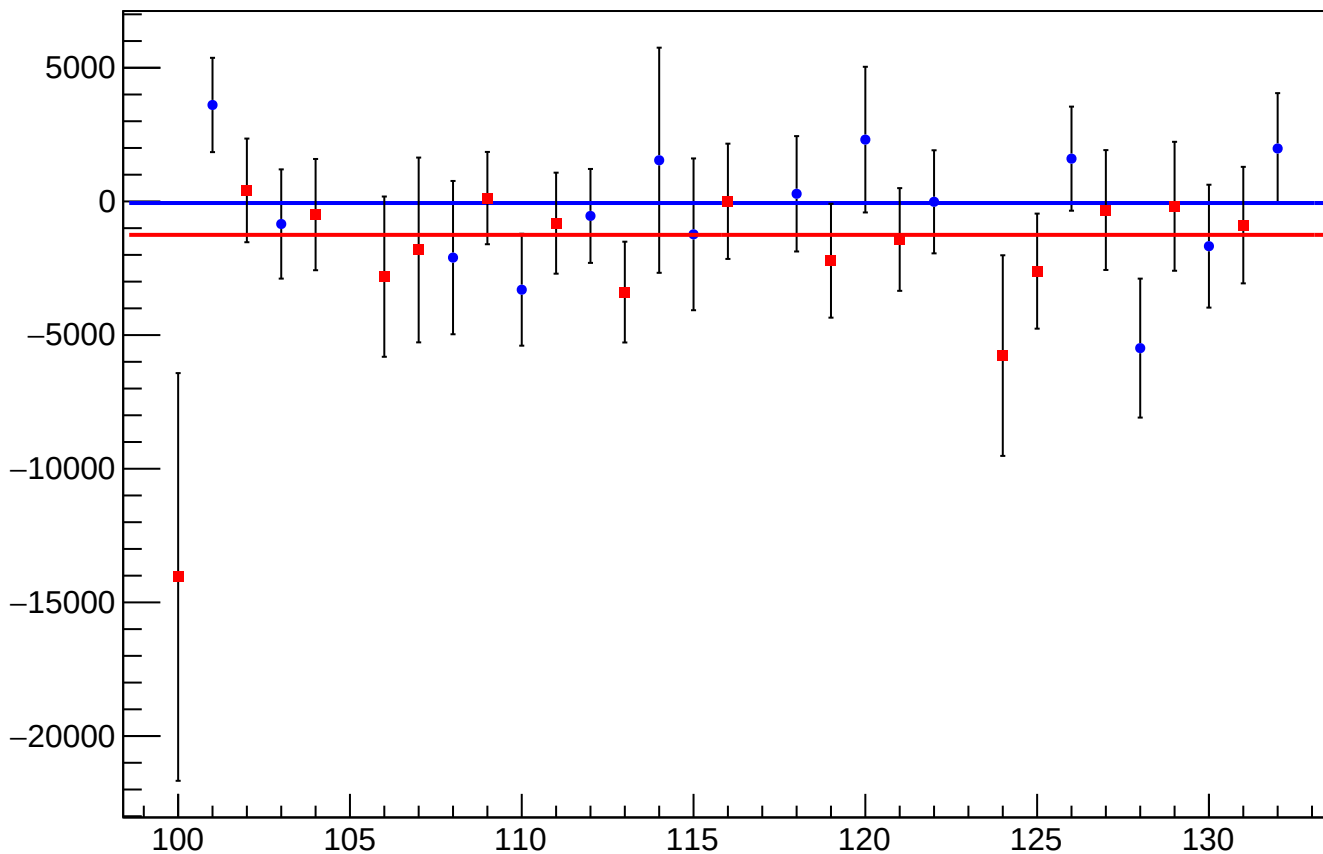
Right: 1425.330+/-0.291 χ^2/NDF : 389755.1/29

In: 1440.779+/-0.423 χ^2/NDF : 218002.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1425.330+/-0.291 χ^2/NDF : 389755.1/29

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: -59.280 ± 590.531 χ^2/NDF : 15.1/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1250.828 ± 560.721 χ^2/NDF : 8.8/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

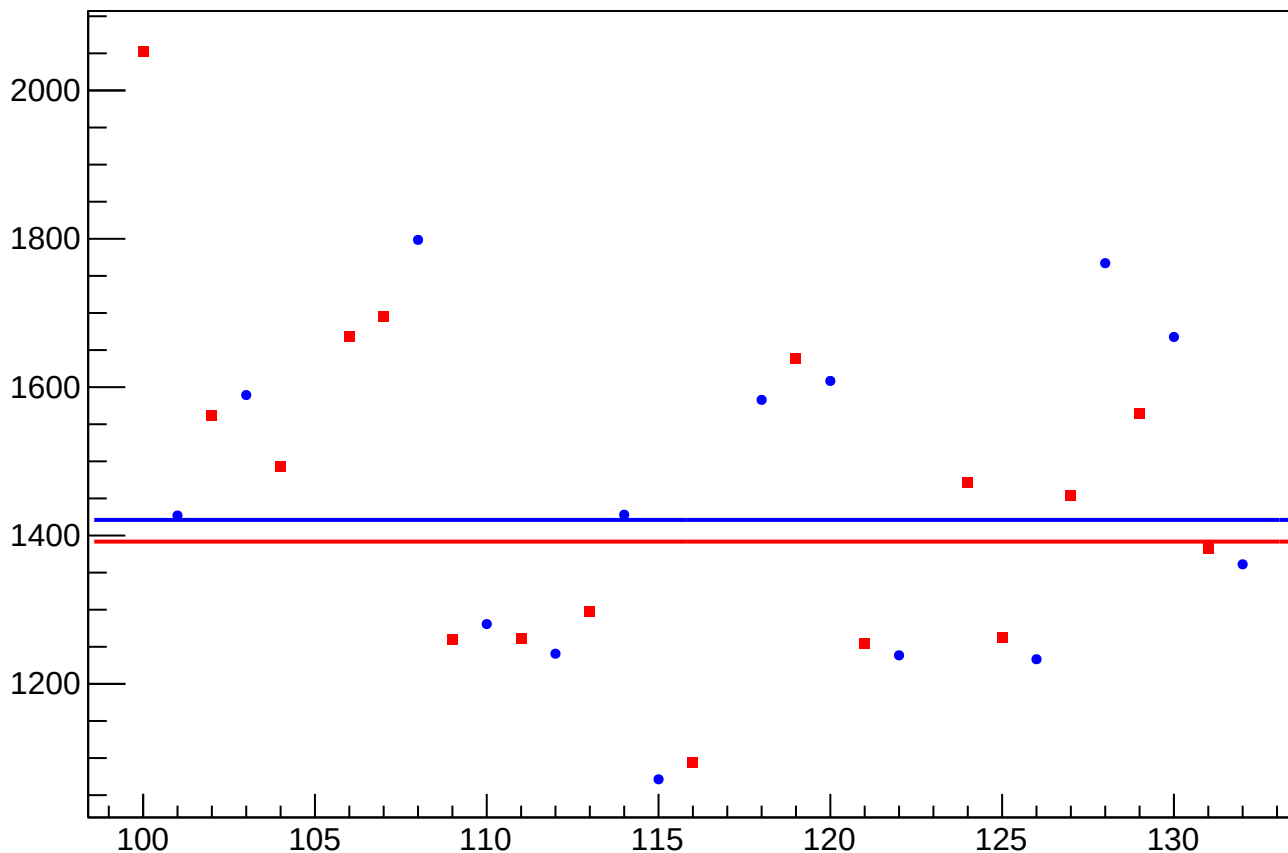
Right: -685.886 ± 406.620 χ^2/NDF : 26.0/29

In: -59.280 ± 590.531 χ^2/NDF : 15.1/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -685.886 ± 406.620 χ^2/NDF : 26.0/29

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1421.038+/-0.418 χ^2/NDF : 226070.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1391.808+/-0.396 χ^2/NDF : 188805.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

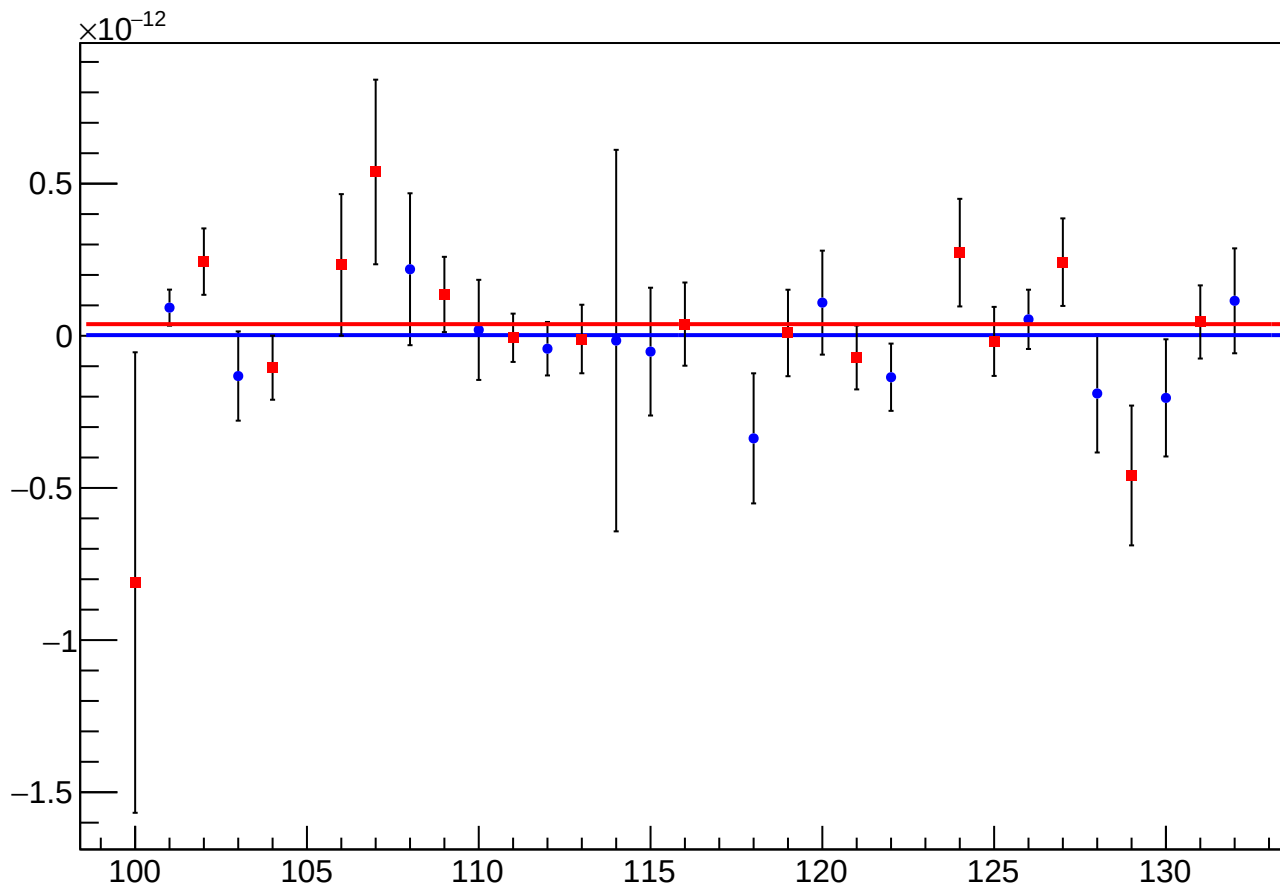
Right: 1405.667+/-0.288 χ^2/NDF : 417452.7/29

In: 1421.038+/-0.418 χ^2/NDF : 226070.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1405.667+/-0.288 χ^2/NDF : 417452.7/29

asym_sam_2468_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 21.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

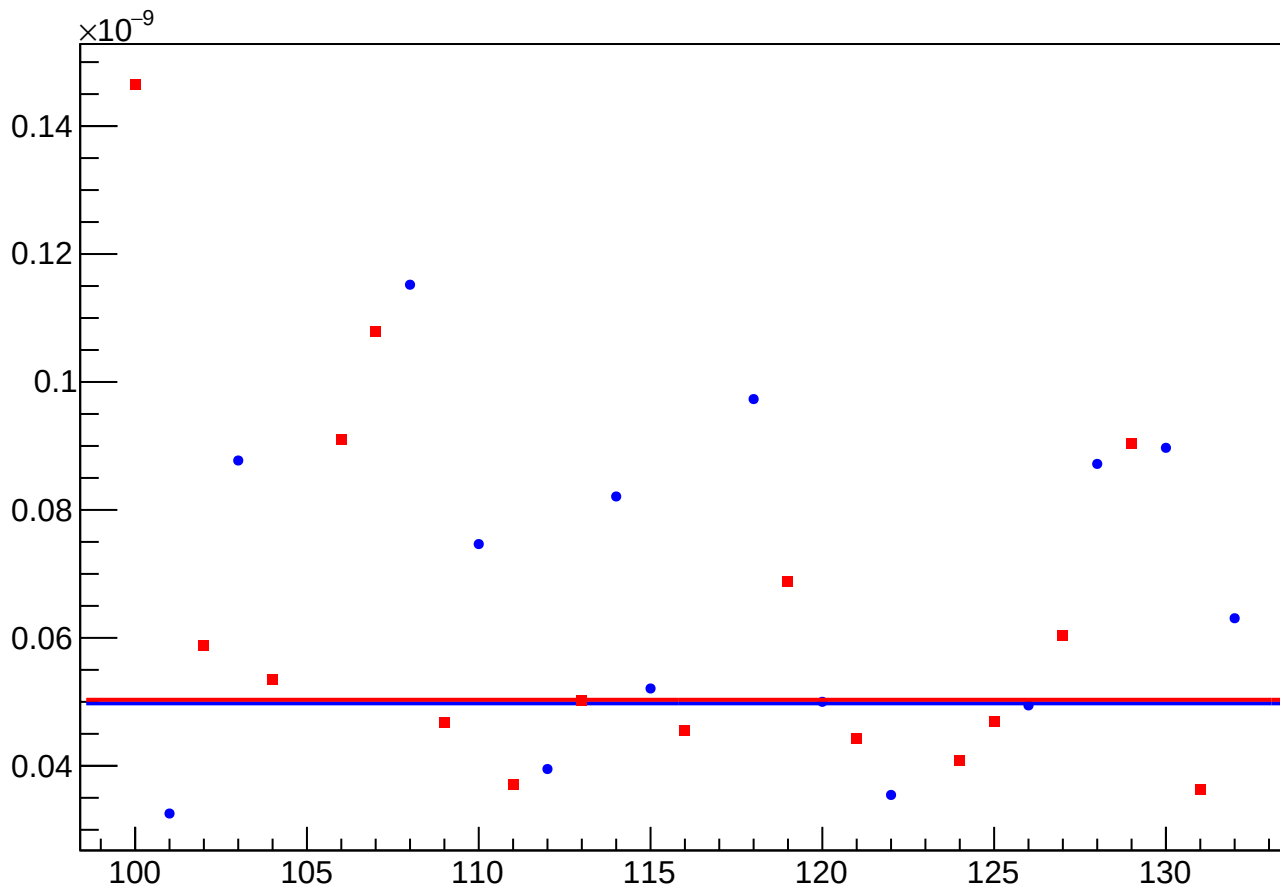
Right: 0.000+/-0.000 χ^2/NDF : 33.2/29

In: 0.000+/-0.000 χ^2/NDF : 11.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.2/29

asym_sam_2468_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 824073.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 384259.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

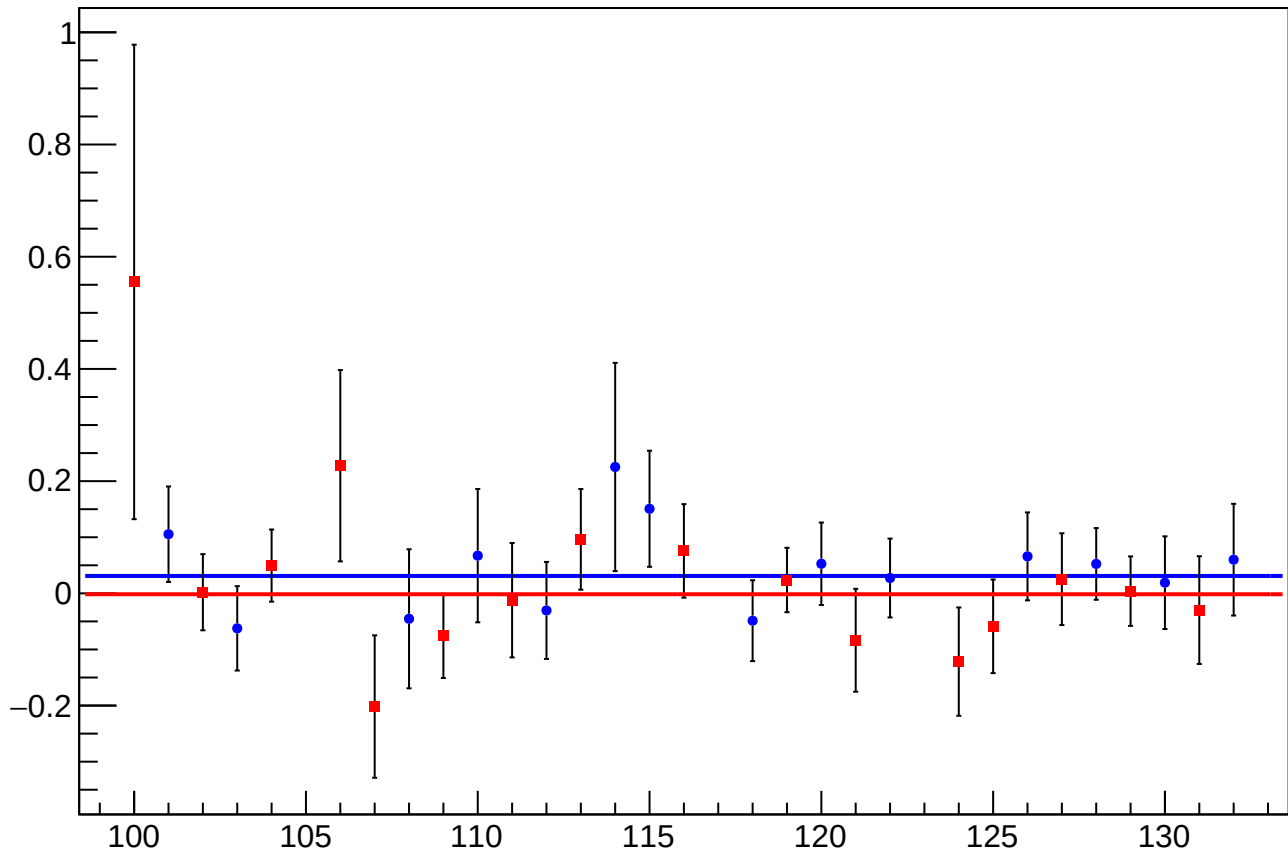
Right: 0.000+/-0.000 χ^2/NDF : 1208617.1/29

In: 0.000+/-0.000 χ^2/NDF : 824073.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1208617.1/29

asym_sam_2468_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.031+/-0.023 χ^2/NDF : 7.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.002+/-0.021 χ^2/NDF : 12.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

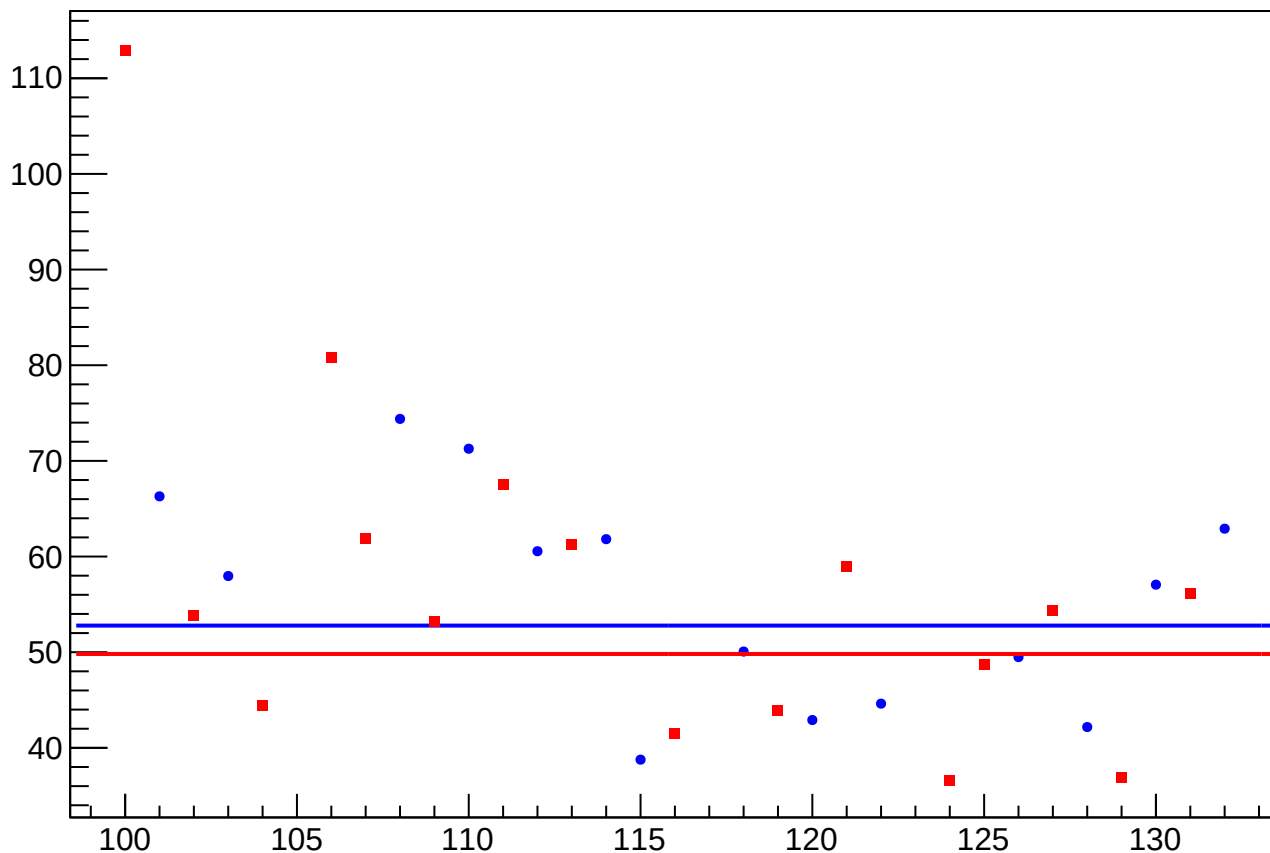
Right: 0.013+/-0.015 χ^2/NDF : 21.5/29

In: 0.031+/-0.023 χ^2/NDF : 7.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.015 χ^2/NDF : 21.5/29

asym_sam_2468_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.783+/-0.016 χ^2/NDF : 377432.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.815+/-0.015 χ^2/NDF : 447970.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

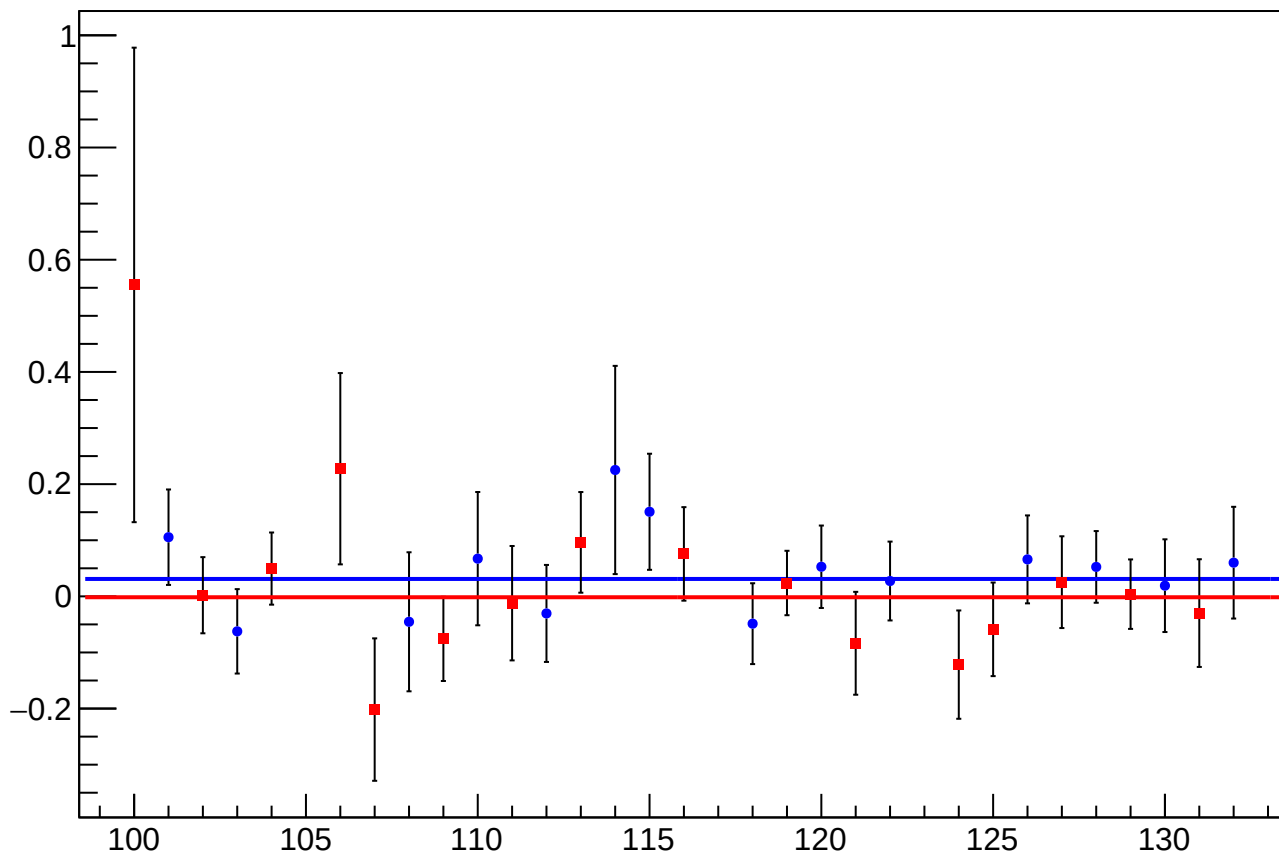
Right: 51.175+/-0.011 χ^2/NDF : 843941.2/29

In: 52.783+/-0.016 χ^2/NDF : 377432.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.175+/-0.011 χ^2/NDF : 843941.2/29

asym_sam_2468_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.031+/-0.023 χ^2/NDF : 7.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.002+/-0.021 χ^2/NDF : 12.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

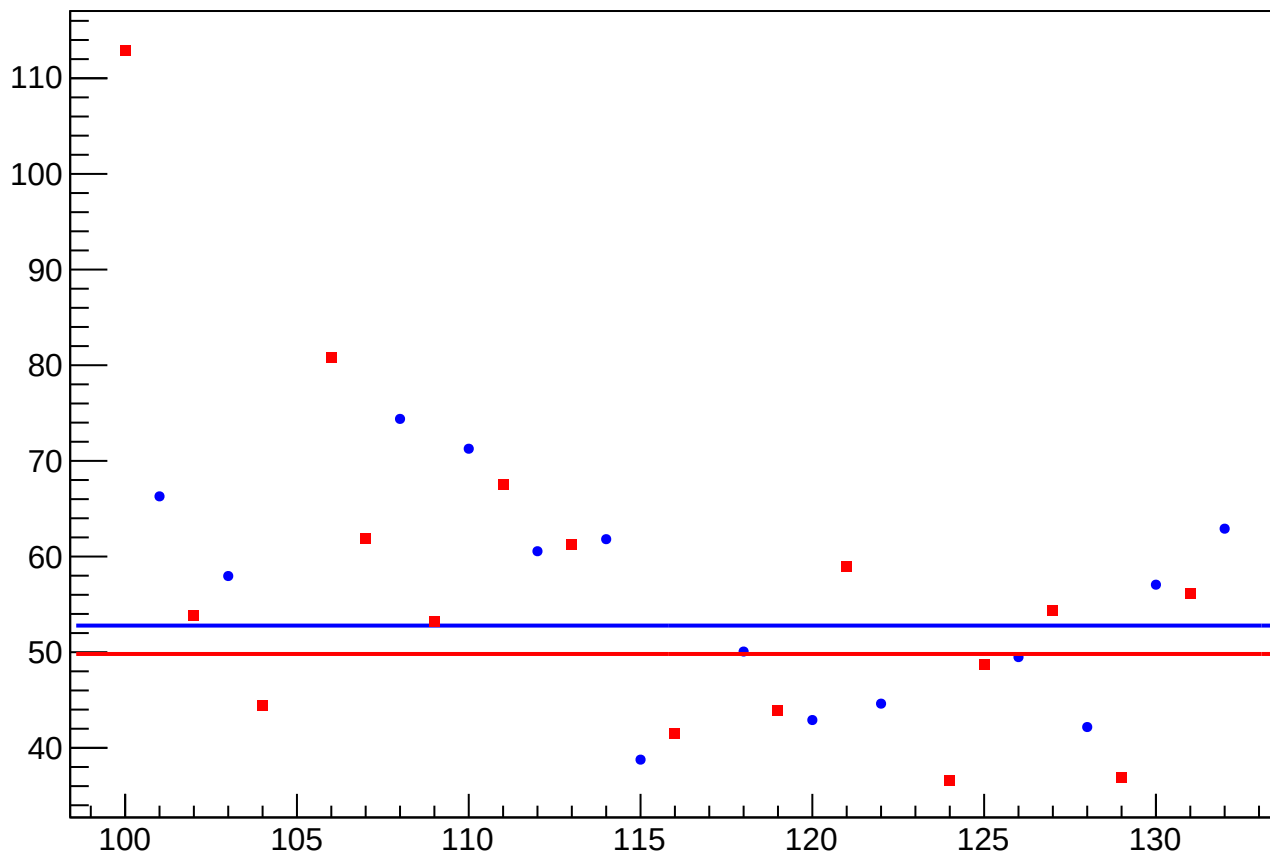
Right: 0.013+/-0.015 χ^2/NDF : 21.5/29

In: 0.031+/-0.023 χ^2/NDF : 7.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.015 χ^2/NDF : 21.5/29

asym_sam_2468_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.783+/-0.016 χ^2/NDF : 377432.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.815+/-0.015 χ^2/NDF : 447970.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

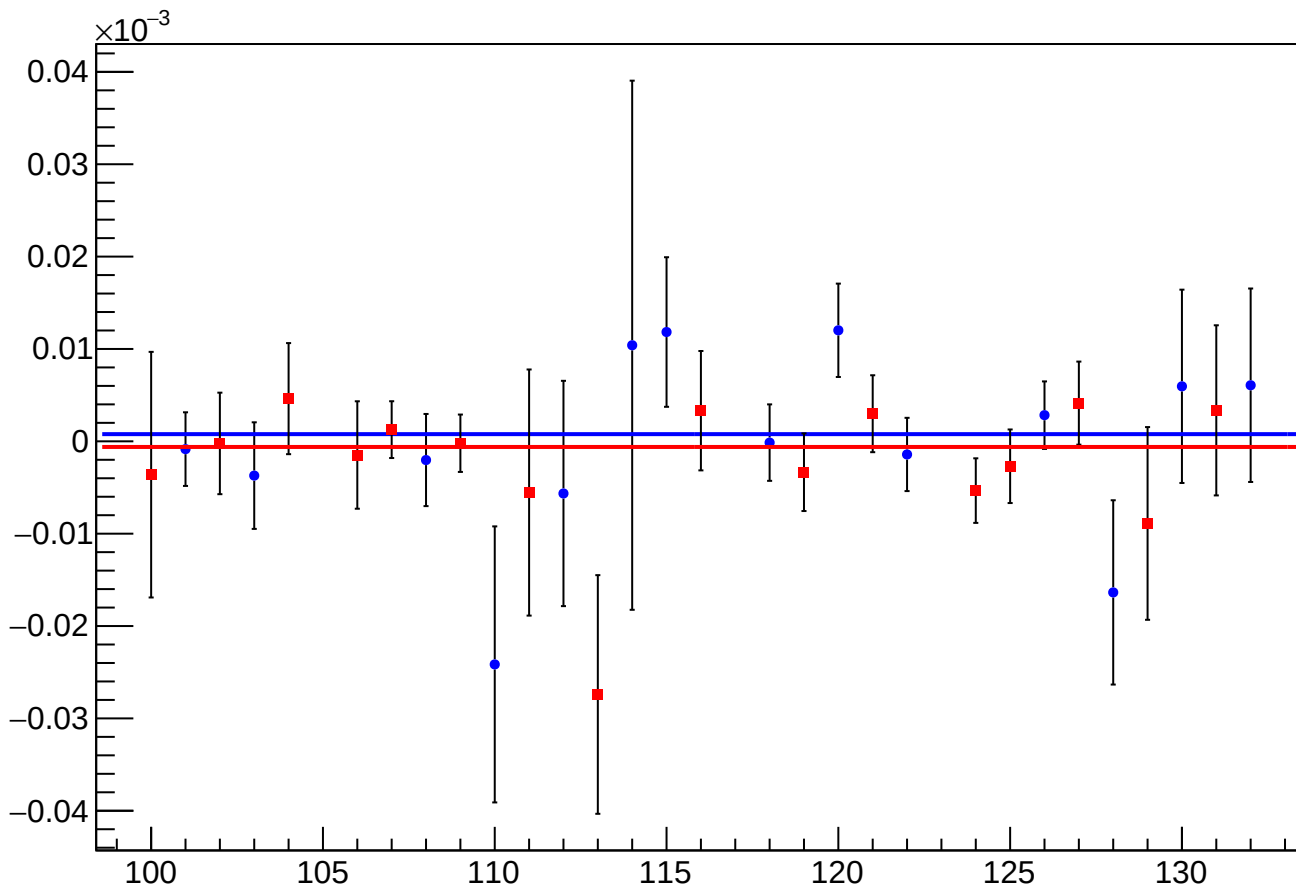
Right: 51.175+/-0.011 χ^2/NDF : 843941.2/29

In: 52.783+/-0.016 χ^2/NDF : 377432.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.175+/-0.011 χ^2/NDF : 843941.2/29

asym_sam_2468_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

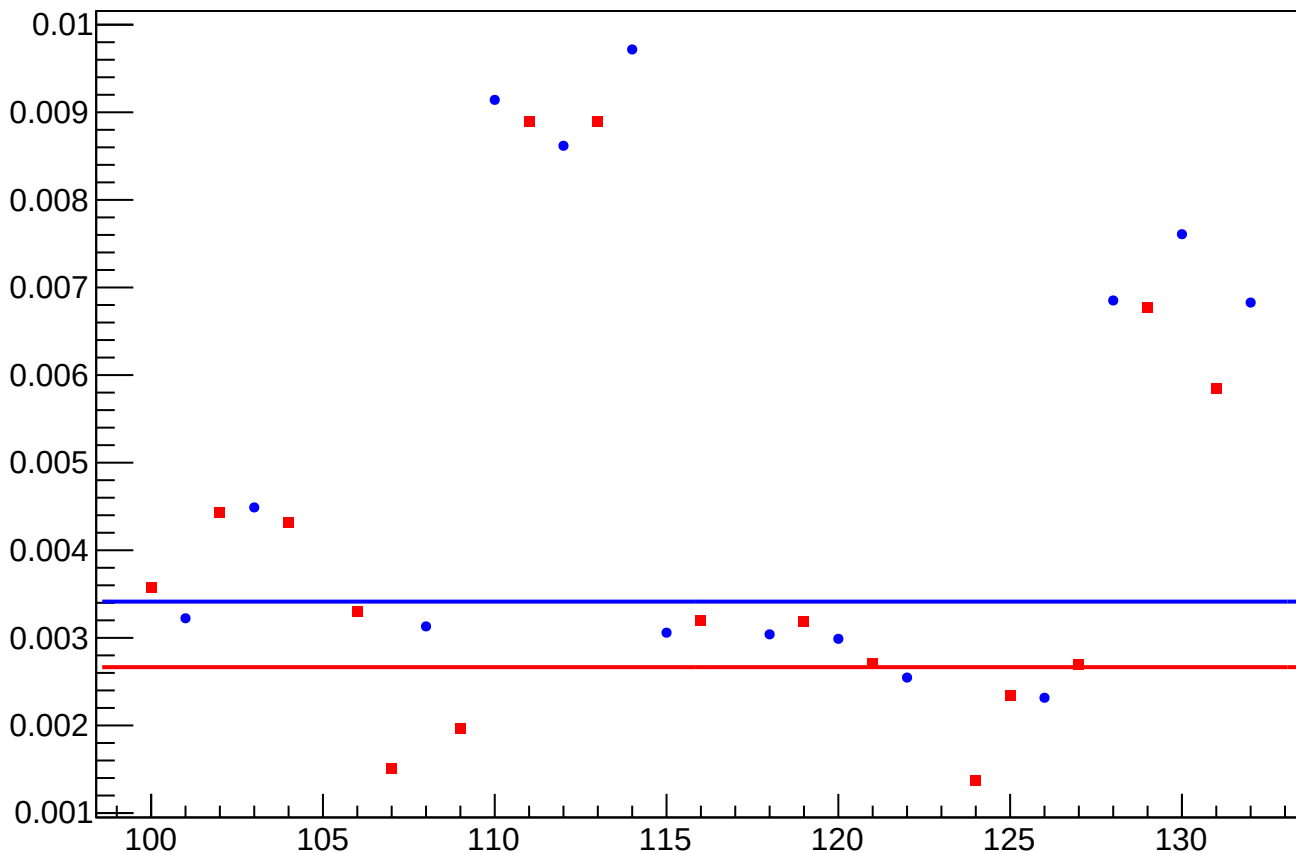
Right: -0.000+/-0.000 χ^2/NDF : 26.9/29

In: 0.000+/-0.000 χ^2/NDF : 15.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.9/29

asym_sam_2468_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1916907.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2560402.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

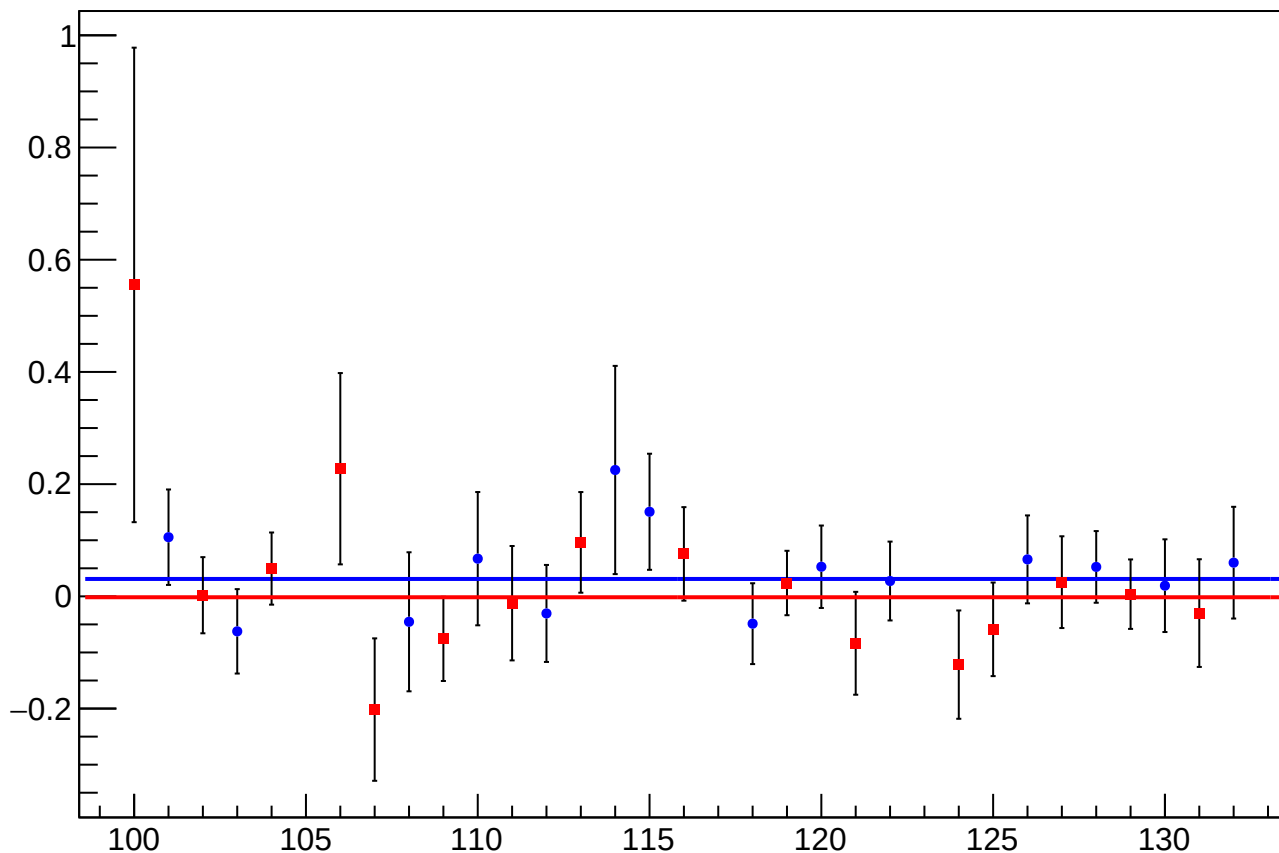
Right: 0.003+/-0.000 χ^2/NDF : 4768788.3/29

In: 0.003+/-0.000 χ^2/NDF :1916907.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 4768788.3/29

asym_sam_2468_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.031+/-0.023 χ^2/NDF : 7.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.002+/-0.021 χ^2/NDF : 12.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

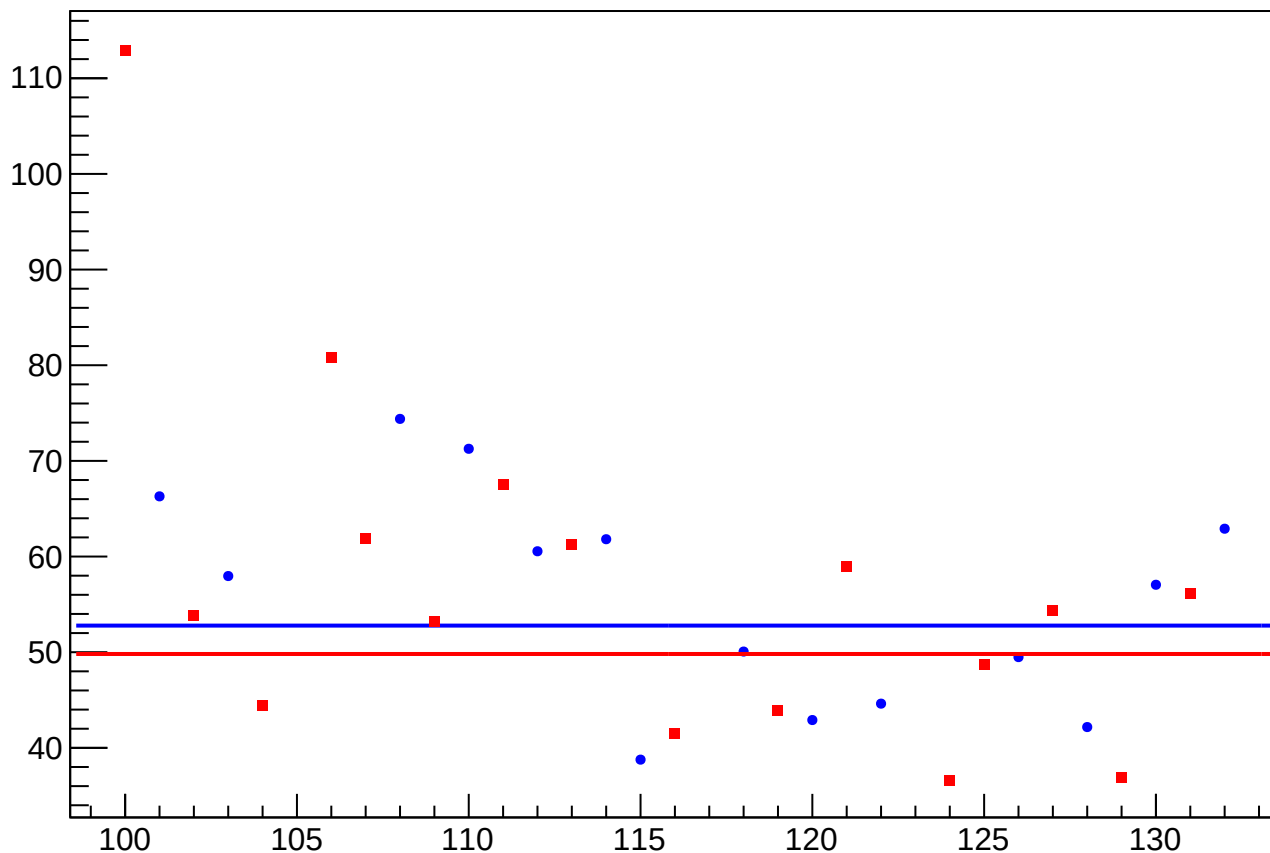
Right: 0.013+/-0.015 χ^2/NDF : 21.5/29

In: 0.031+/-0.023 χ^2/NDF : 7.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.015 χ^2/NDF : 21.5/29

asym_sam_2468_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.782 $\pm$ 0.016 χ^2/NDF : 377387.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 49.814 $\pm$ 0.015 χ^2/NDF : 447965.5/15

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

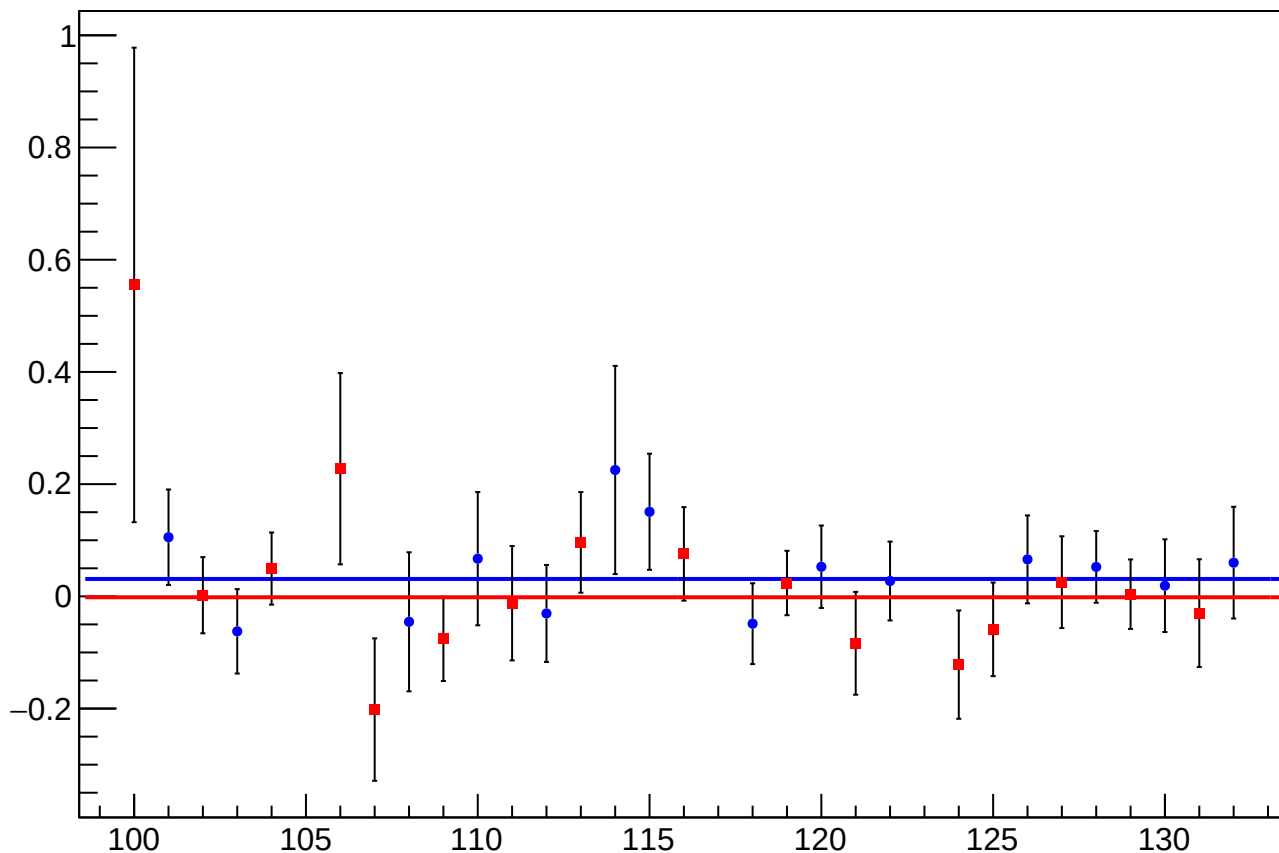
Right: 51.174 $\pm$ 0.011 χ^2/NDF : 843890.8/29

In: 52.782 $\pm$ 0.016 χ^2/NDF : 377387.9/13

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 51.174 $\pm$ 0.011 χ^2/NDF : 843890.8/29

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.031+/-0.023 χ^2/NDF : 7.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.002+/-0.021 χ^2/NDF : 12.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

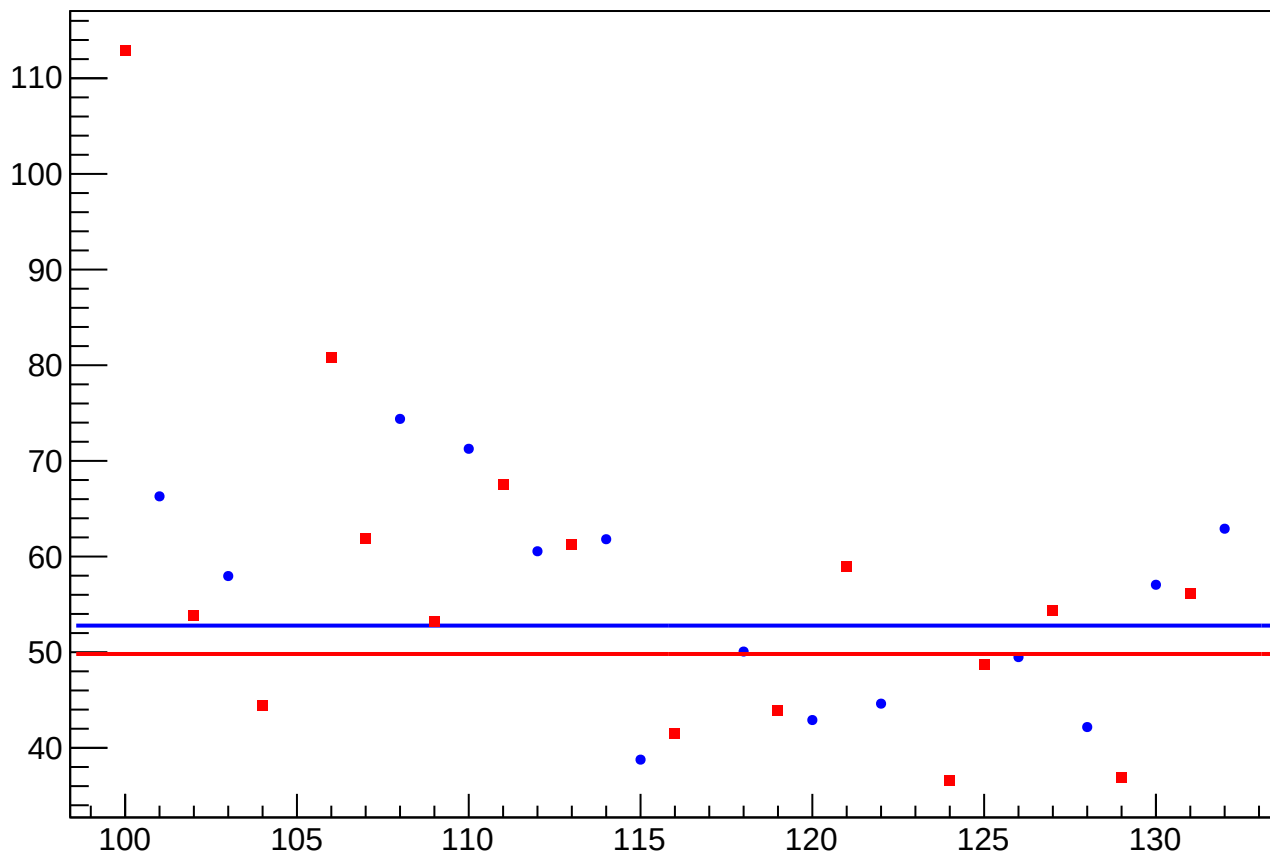
Right: 0.013+/-0.015 χ^2/NDF : 21.5/29

In: 0.031+/-0.023 χ^2/NDF : 7.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.015 χ^2/NDF : 21.5/29

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.782+/-0.016 χ^2/NDF : 377387.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.814+/-0.015 χ^2/NDF : 447965.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

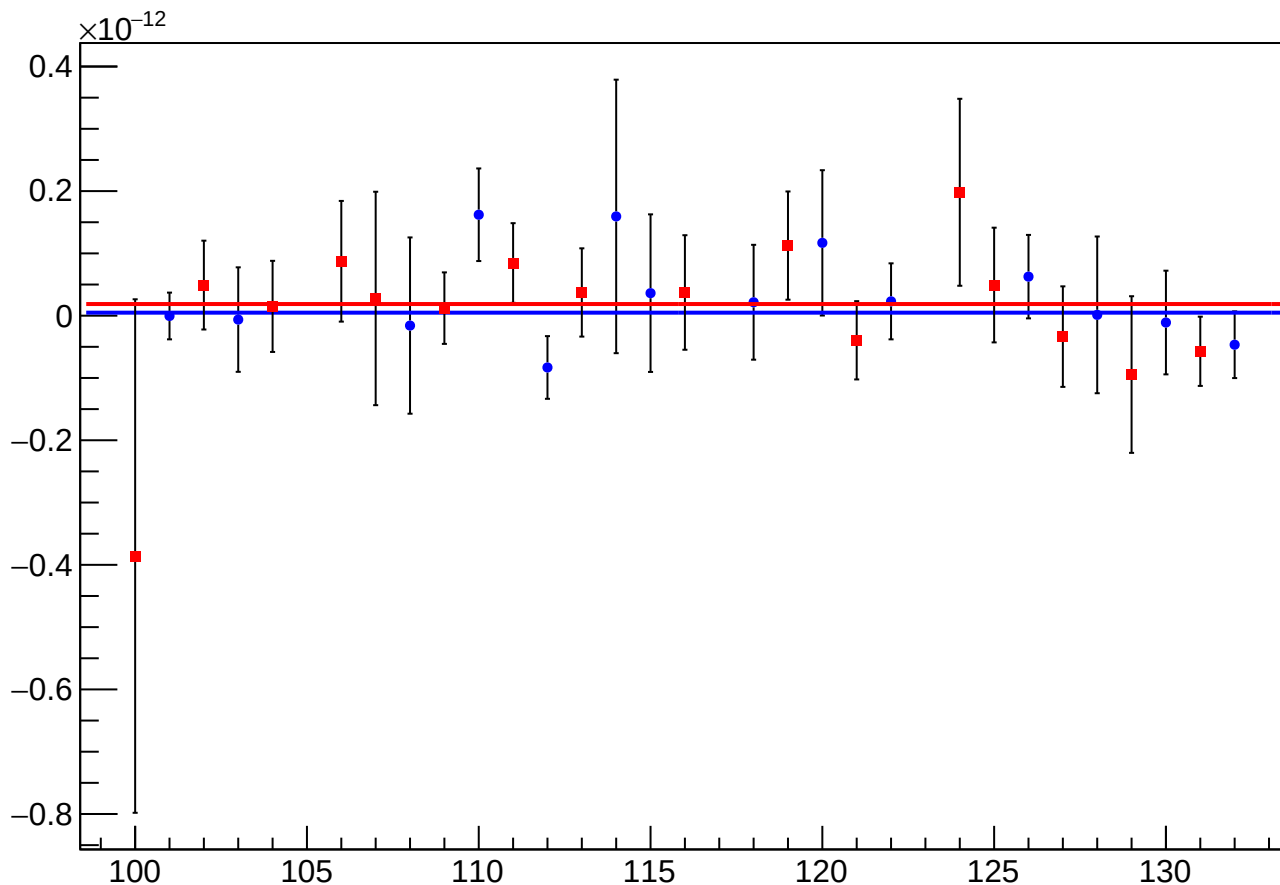
Right: 51.174+/-0.011 χ^2/NDF : 843890.8/29

In: 52.782+/-0.016 χ^2/NDF : 377387.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.174+/-0.011 χ^2/NDF : 843890.8/29

asym_sam_2468_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

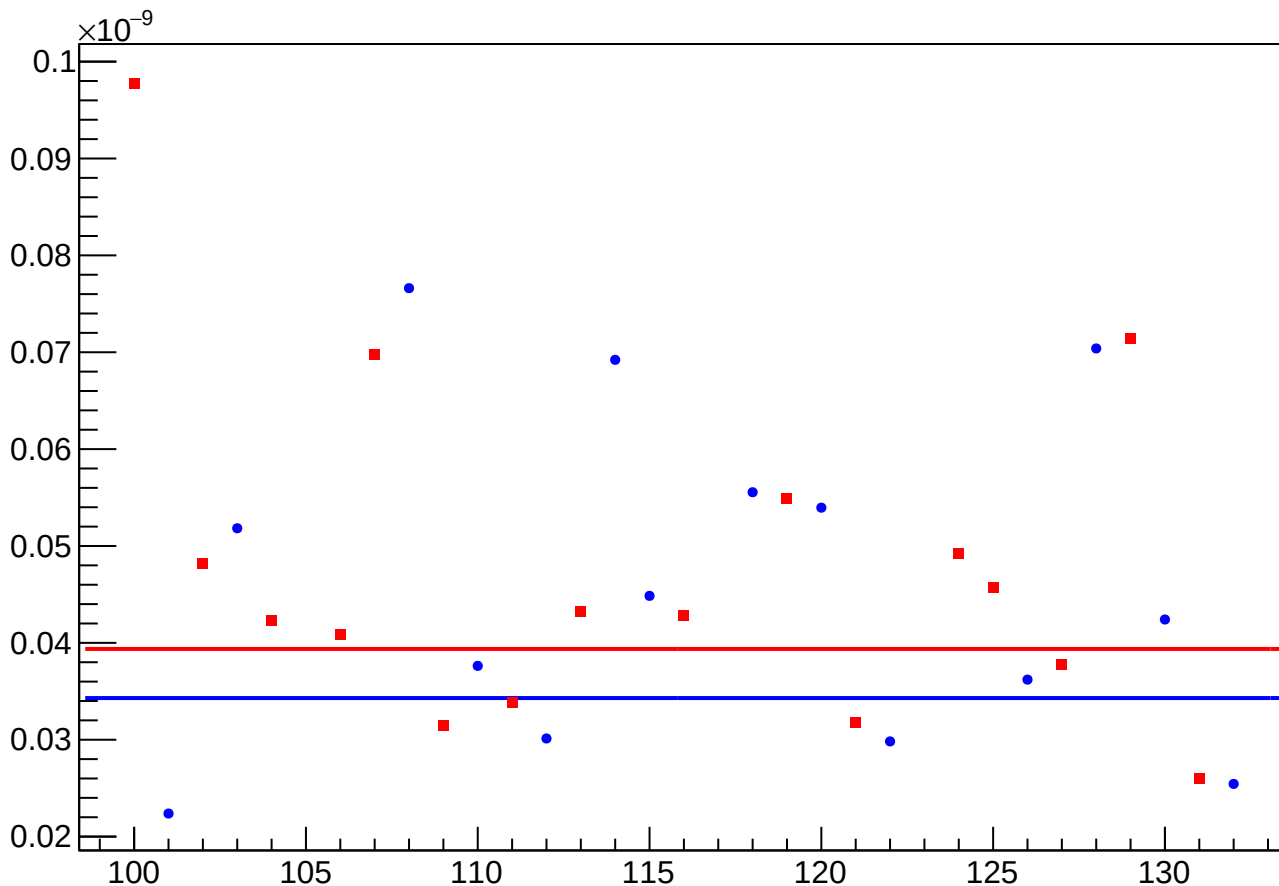
Right: 0.000+/-0.000 χ^2/NDF : 20.6/29

In: 0.000+/-0.000 χ^2/NDF : 10.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.6/29

asym_sam_2468_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 963965.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 556666.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

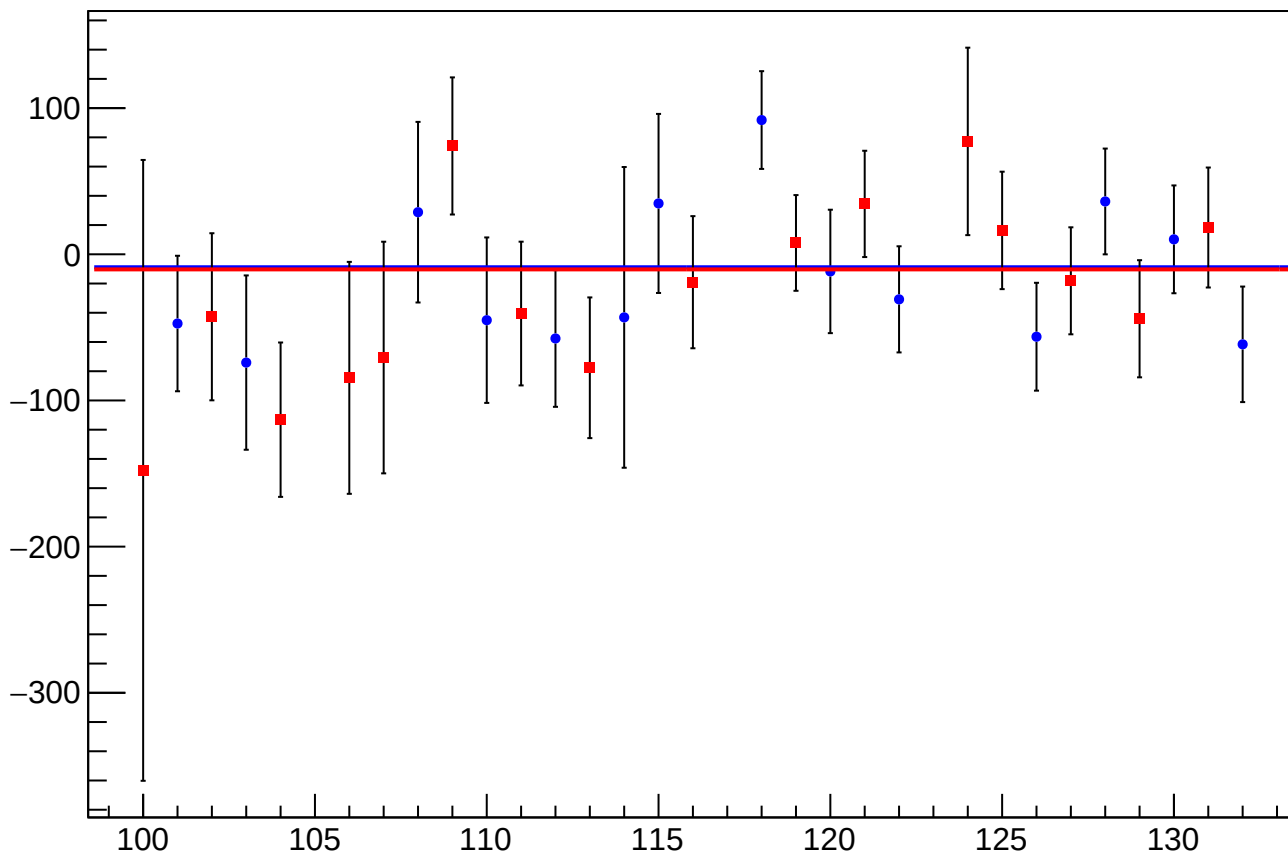
Right: 0.000+/-0.000 χ^2/NDF : 1588354.3/29

In: 0.000+/-0.000 χ^2/NDF : 963965.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1588354.3/29

reg_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -8.871 ± 11.763 χ^2/NDF : 19.1/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -10.329 ± 11.697 χ^2/NDF : 17.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

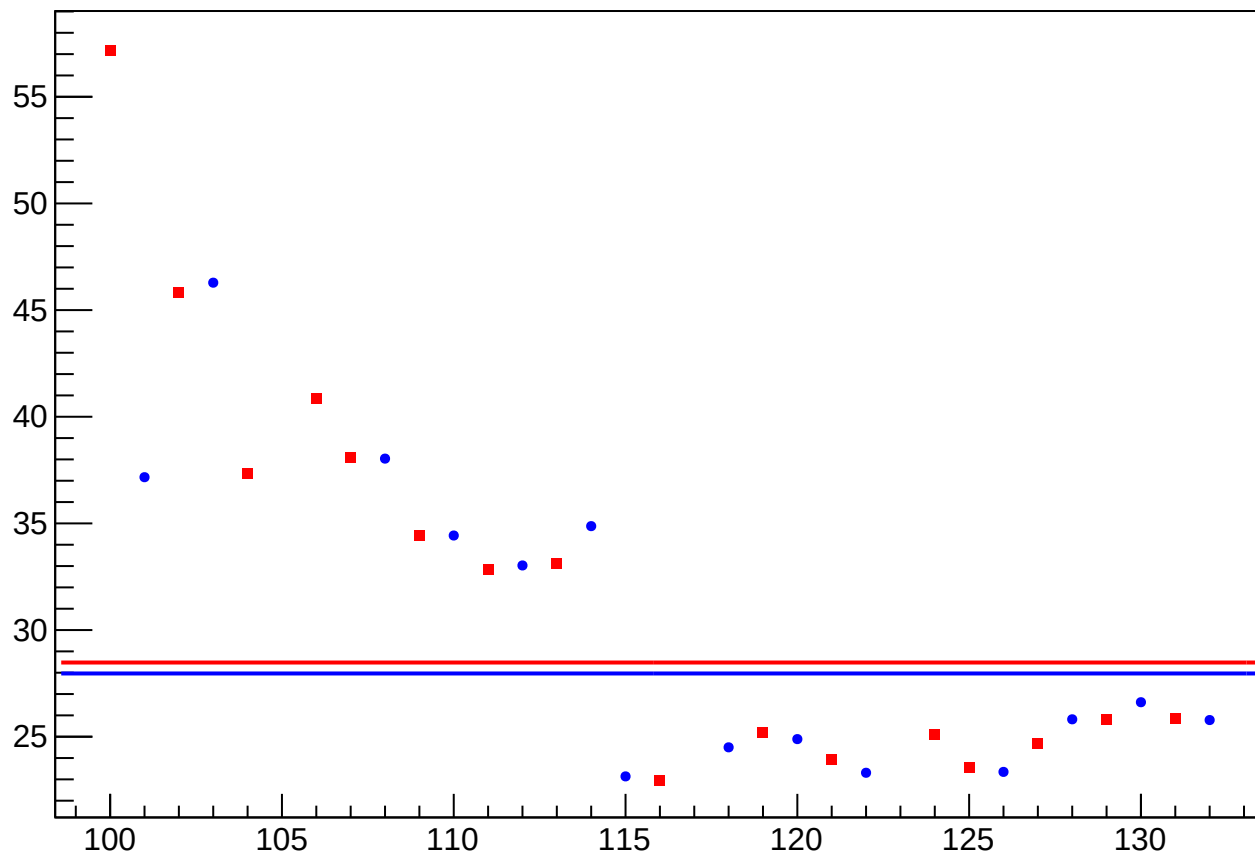
Right: -9.604 ± 8.294 χ^2/NDF : 36.0/29

In: -8.871 ± 11.763 χ^2/NDF : 19.1/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.604 ± 8.294 χ^2/NDF : 36.0/29

reg_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 27.964+/-0.008 χ^2/NDF : 503806.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.478+/-0.008 χ^2/NDF : 577004.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

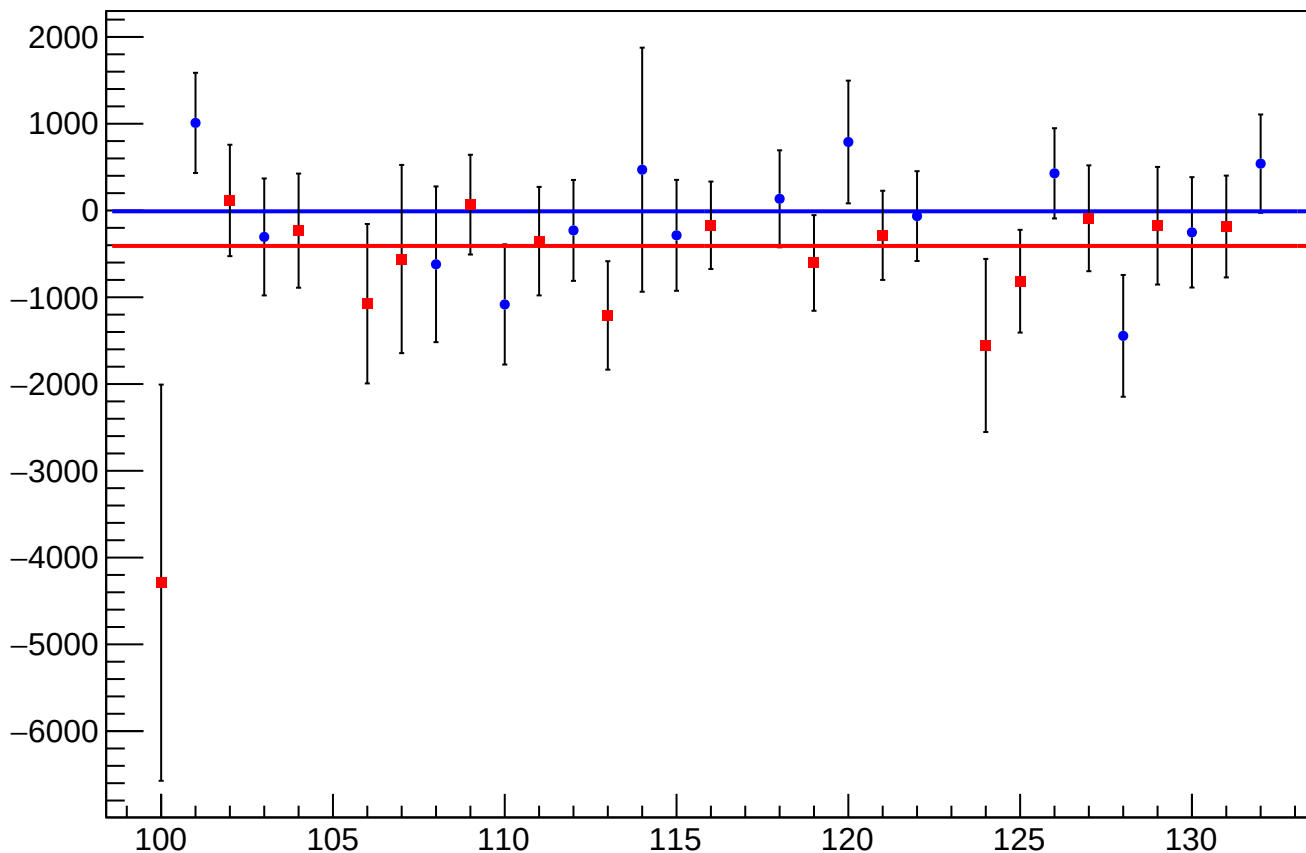
Right: 28.223+/-0.006 χ^2/NDF : 1082726.5/29

In: 27.964+/-0.008 χ^2/NDF : 503806.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.223+/-0.006 χ^2/NDF : 1082726.5/29

asym_sam_1357_2468_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -9.365 ± 169.794 χ^2/NDF : 13.9/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -408.282 ± 162.756 χ^2/NDF : 9.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

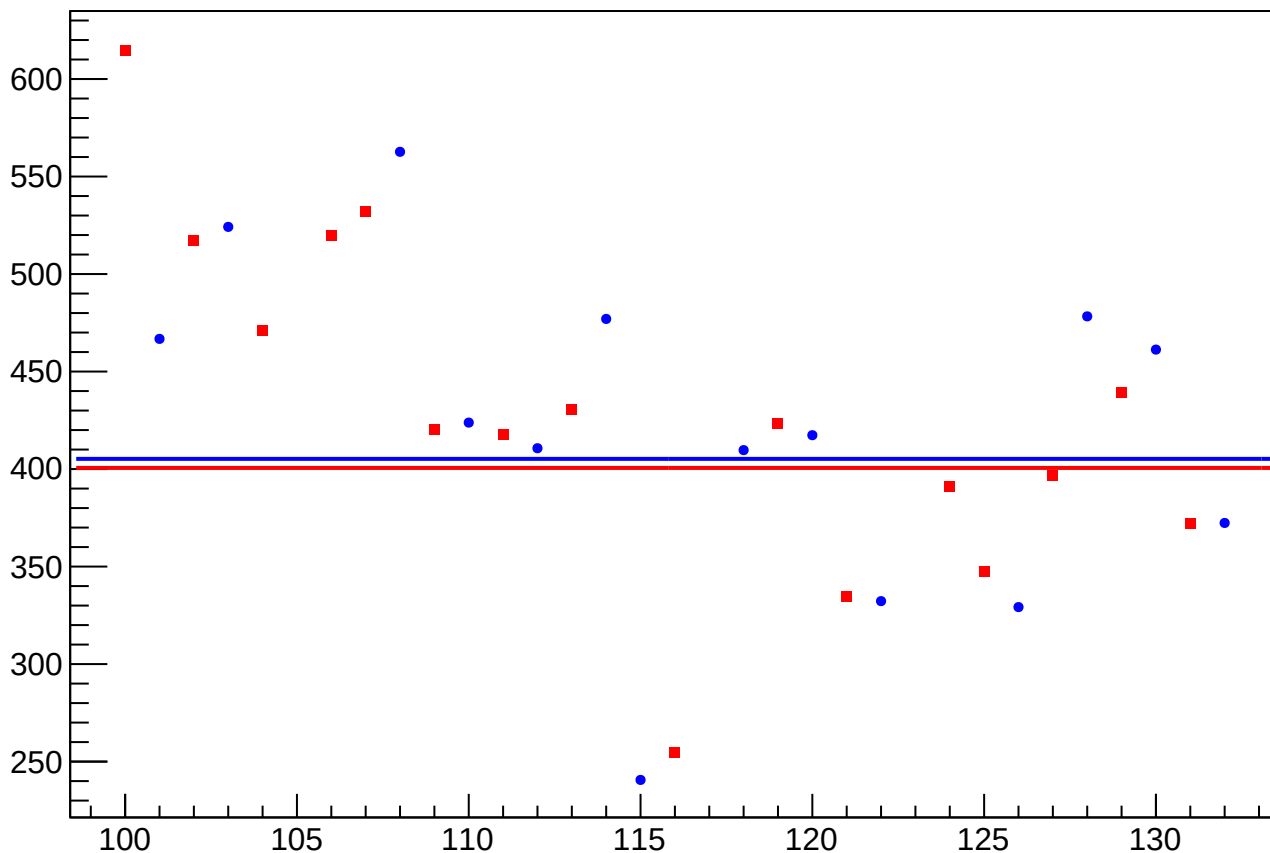
Right: -217.263 ± 117.495 χ^2/NDF : 26.1/29

In: -9.365 ± 169.794 χ^2/NDF : 13.9/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -217.263 ± 117.495 χ^2/NDF : 26.1/29

asym_sam_1357_2468_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 405.231+/-0.120 χ^2/NDF : 413197.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 400.584+/-0.115 χ^2/NDF : 408897.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

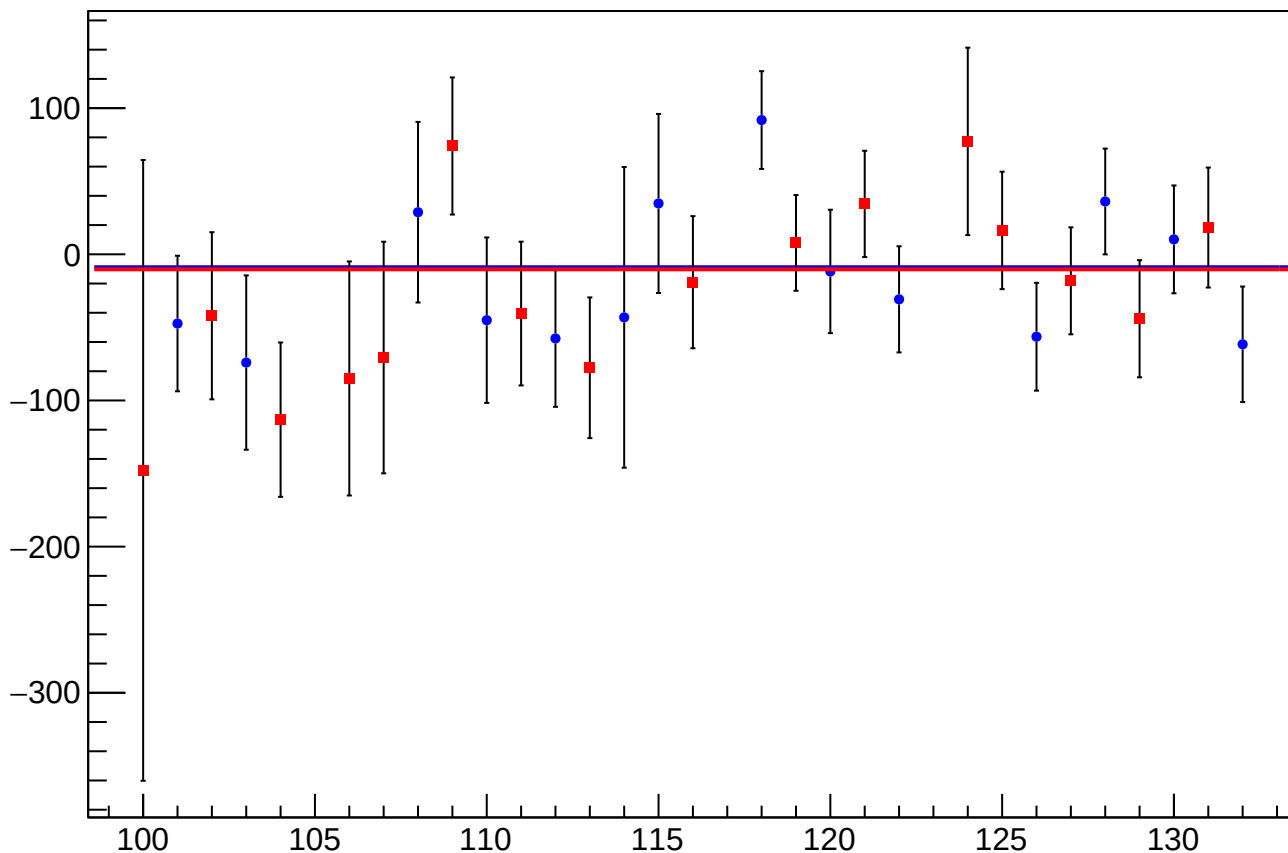
Right: 402.809+/-0.083 χ^2/NDF : 822875.5/29

In: 405.231+/-0.120 χ^2/NDF : 413197.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 402.809+/-0.083 χ^2/NDF : 822875.5/29

cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -8.866 ± 11.763 χ^2/NDF : 19.1/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -10.274 ± 11.699 χ^2/NDF : 16.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

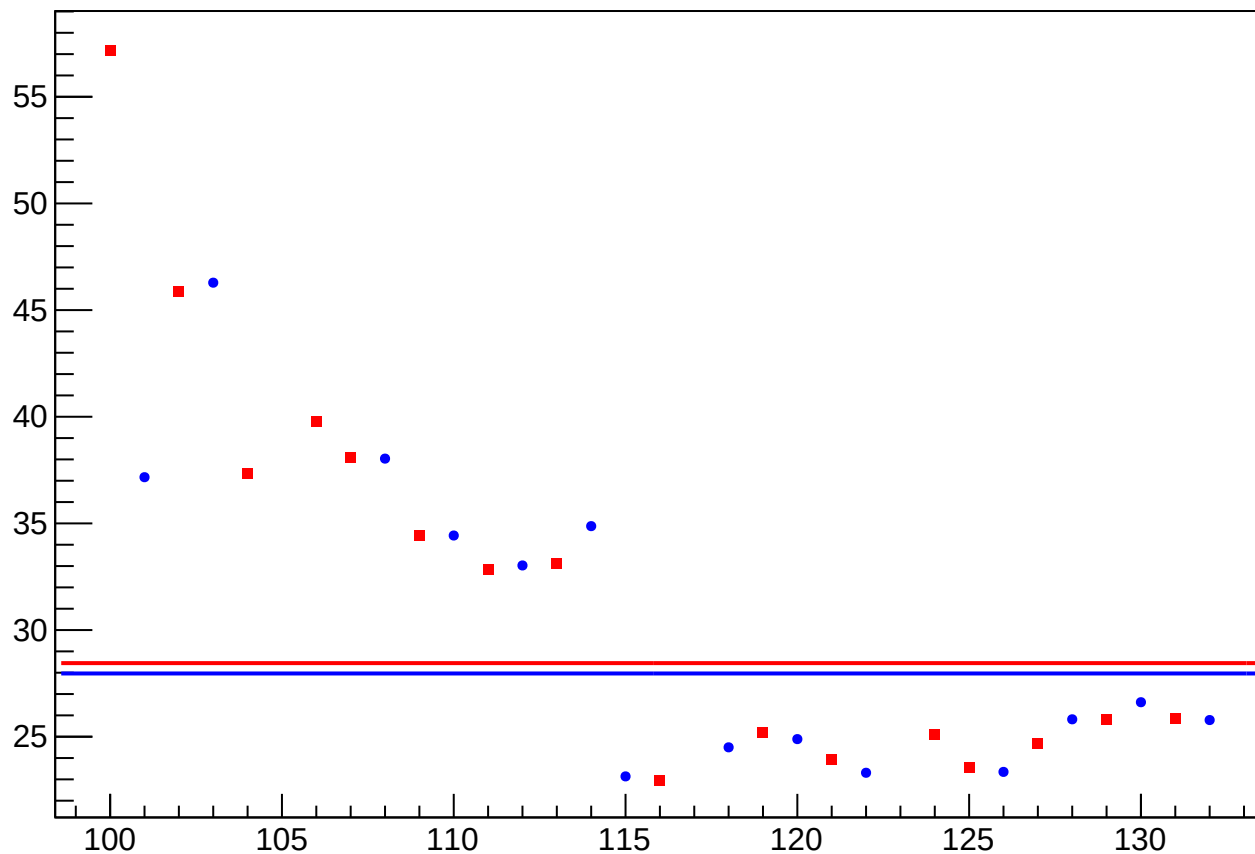
Right: -9.574 ± 8.295 χ^2/NDF : 36.0/29

In: -8.866 ± 11.763 χ^2/NDF : 19.1/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.574 ± 8.295 χ^2/NDF : 36.0/29

cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 27.964+/-0.008 χ^2/NDF : 503809.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.450+/-0.008 χ^2/NDF : 568354.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

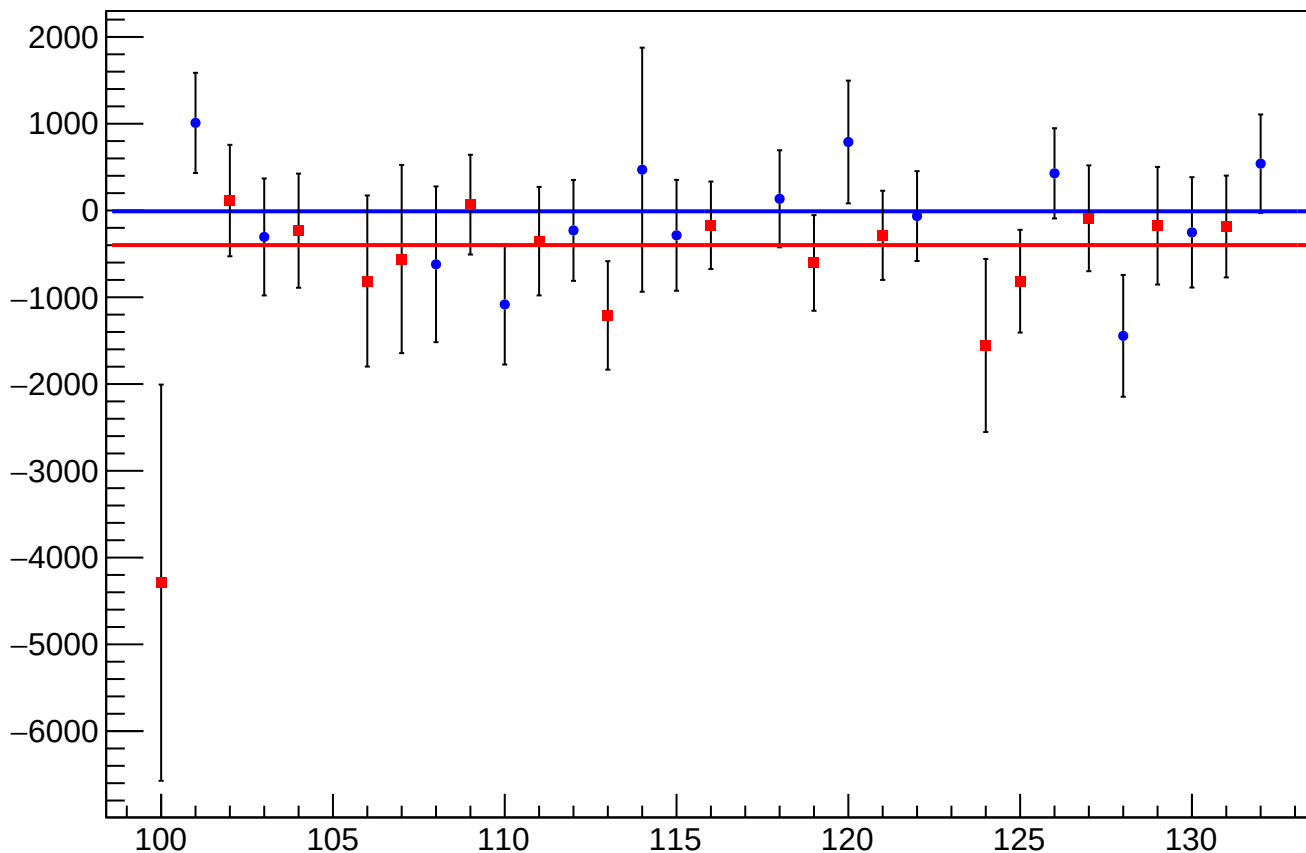
Right: 28.209+/-0.006 χ^2/NDF : 1073876.9/29

In: 27.964+/-0.008 χ^2/NDF : 503809.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.209+/-0.006 χ^2/NDF : 1073876.9/29

asym_sam_1357_2468_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -9.377 ± 169.794 χ^2/NDF : 13.9/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -398.502 ± 163.098 χ^2/NDF : 8.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

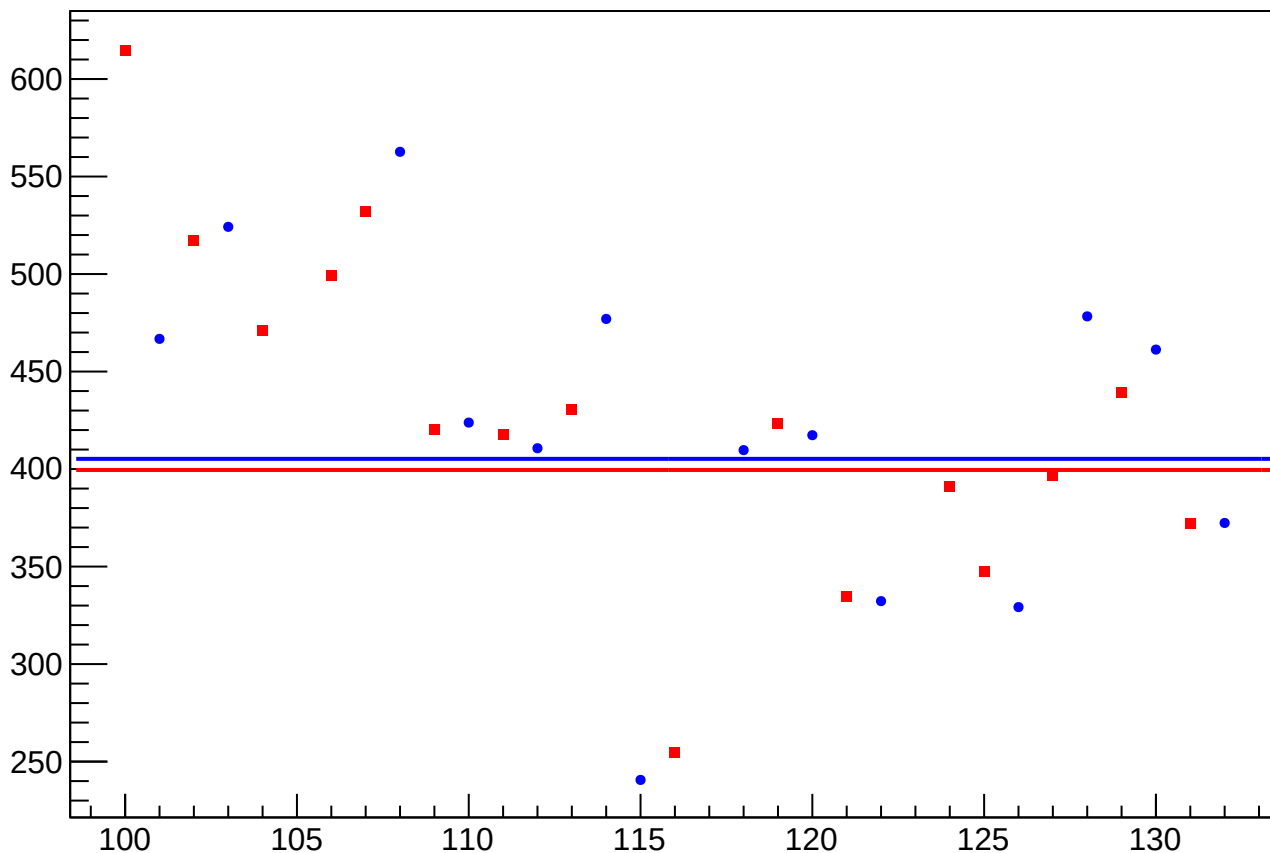
Right: -211.764 ± 117.624 χ^2/NDF : 25.6/29

In: -9.377 ± 169.794 χ^2/NDF : 13.9/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -211.764 ± 117.624 χ^2/NDF : 25.6/29

asym_sam_1357_2468_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 405.232 $\pm$ 0.120 χ^2 /NDF: 413221.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 399.541 $\pm$ 0.115 χ^2 /NDF: 395456.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

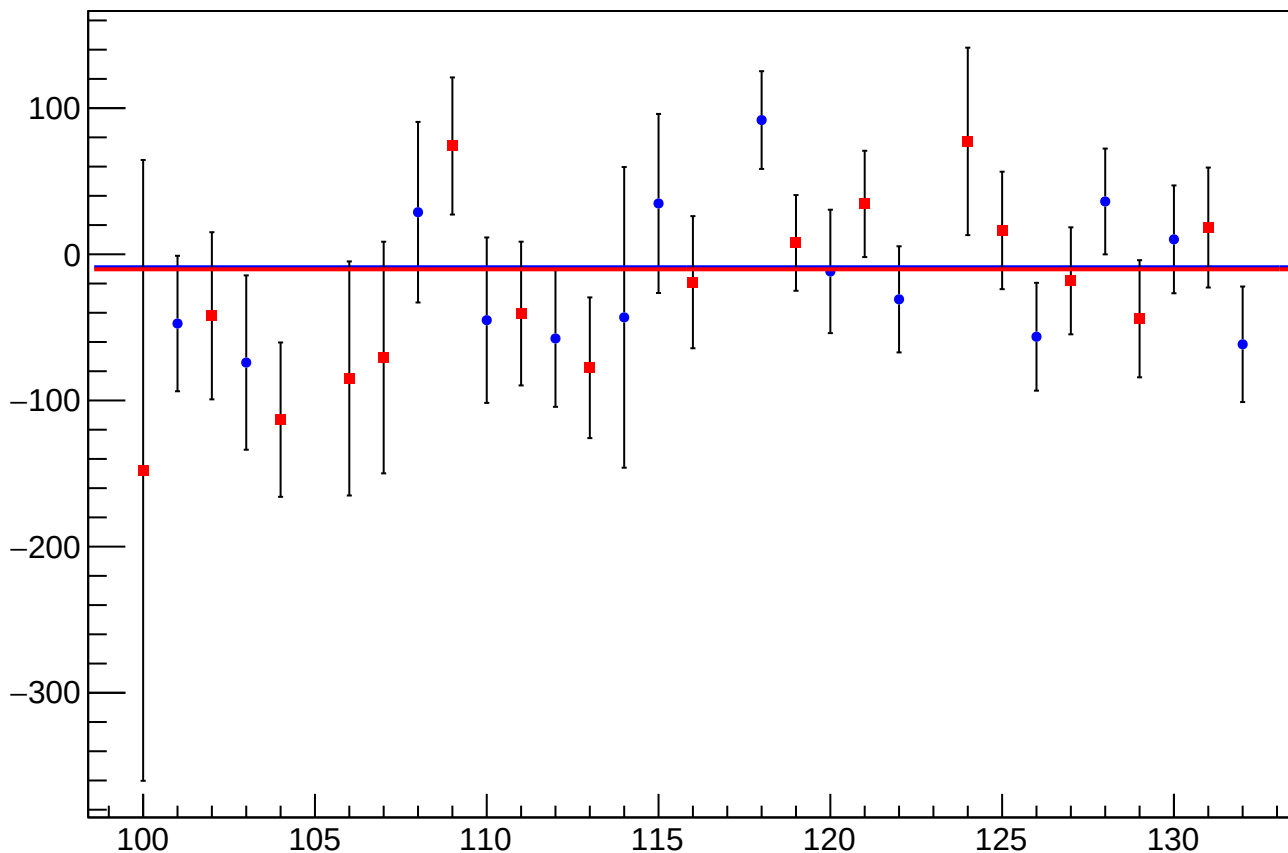
Right: 402.272 $\pm$ 0.083 χ^2 /NDF: 809846.6/29

In: 405.232 $\pm$ 0.120 χ^2 /NDF:413221.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 402.272 $\pm$ 0.083 χ^2 /NDF: 809846.6/29

eigen_cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -8.866+/-11.763 χ^2/NDF : 19.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.274+/-11.699 χ^2/NDF : 16.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

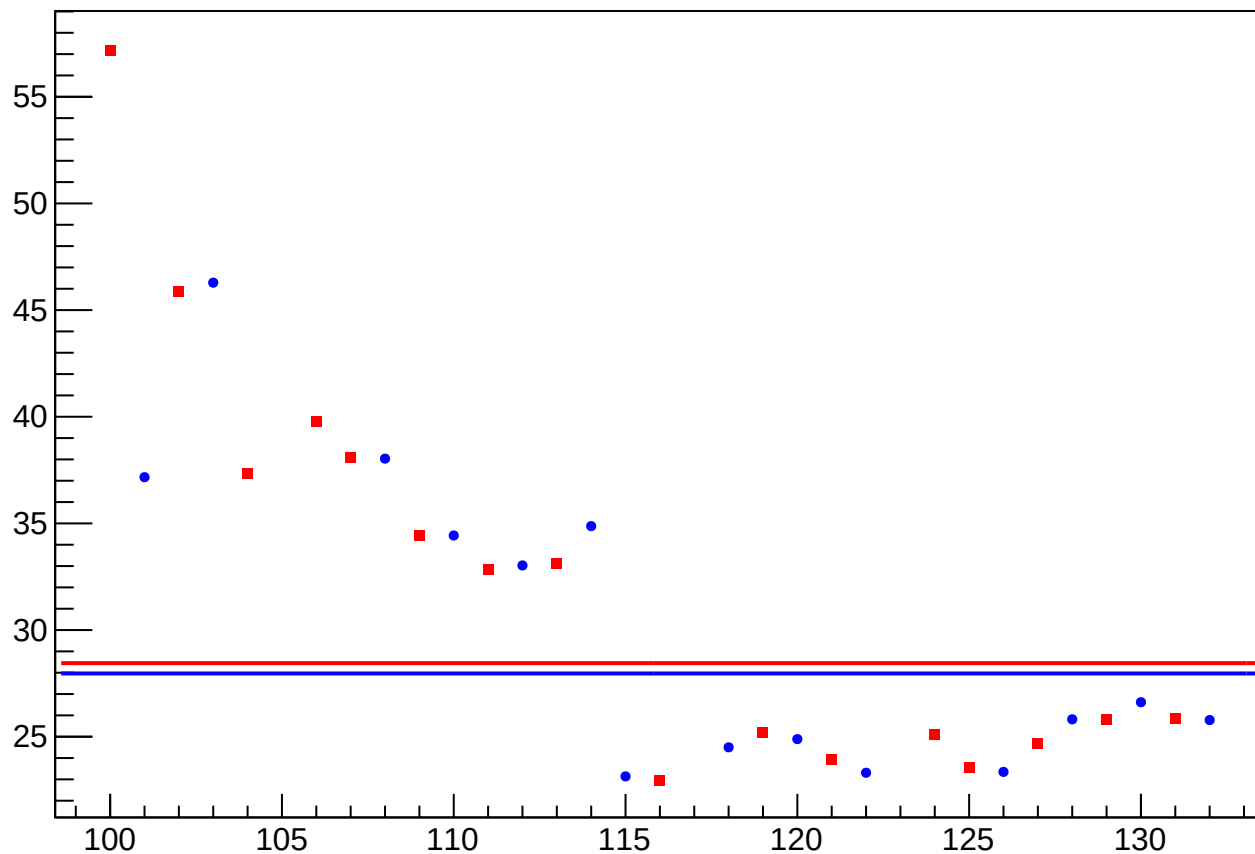
Right: -9.574+/-8.295 χ^2/NDF : 36.0/29

In: -8.866+/-11.763 χ^2/NDF : 19.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.574+/-8.295 χ^2/NDF : 36.0/29

eigen_cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 27.964+/-0.008 χ^2/NDF : 503809.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.450+/-0.008 χ^2/NDF : 568354.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

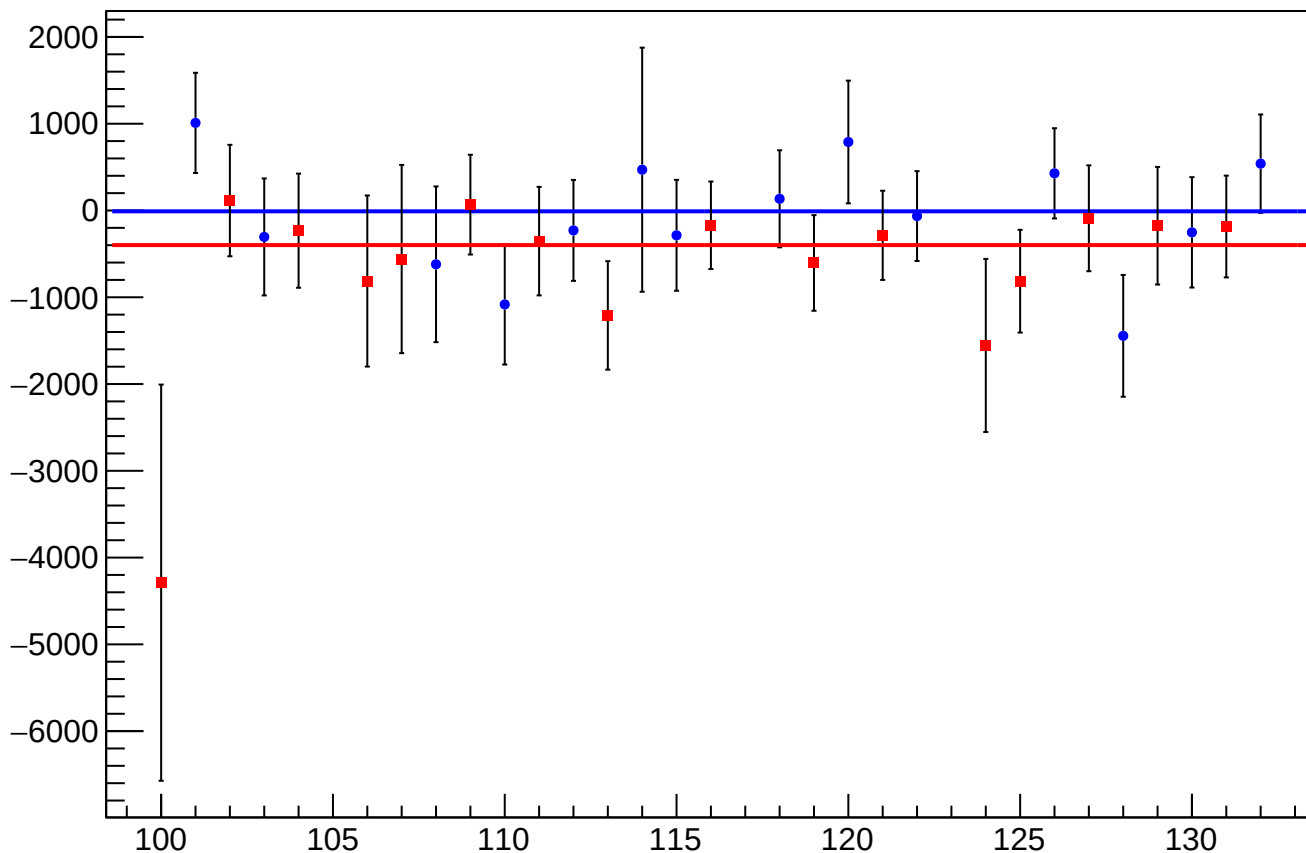
Right: 28.209+/-0.006 χ^2/NDF : 1073876.9/29

In: 27.964+/-0.008 χ^2/NDF : 503809.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.209+/-0.006 χ^2/NDF : 1073876.9/29

asym_sam_1357_2468_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -9.377+/-169.794 χ^2/NDF : 13.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -398.502+/-163.098 χ^2/NDF : 8.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

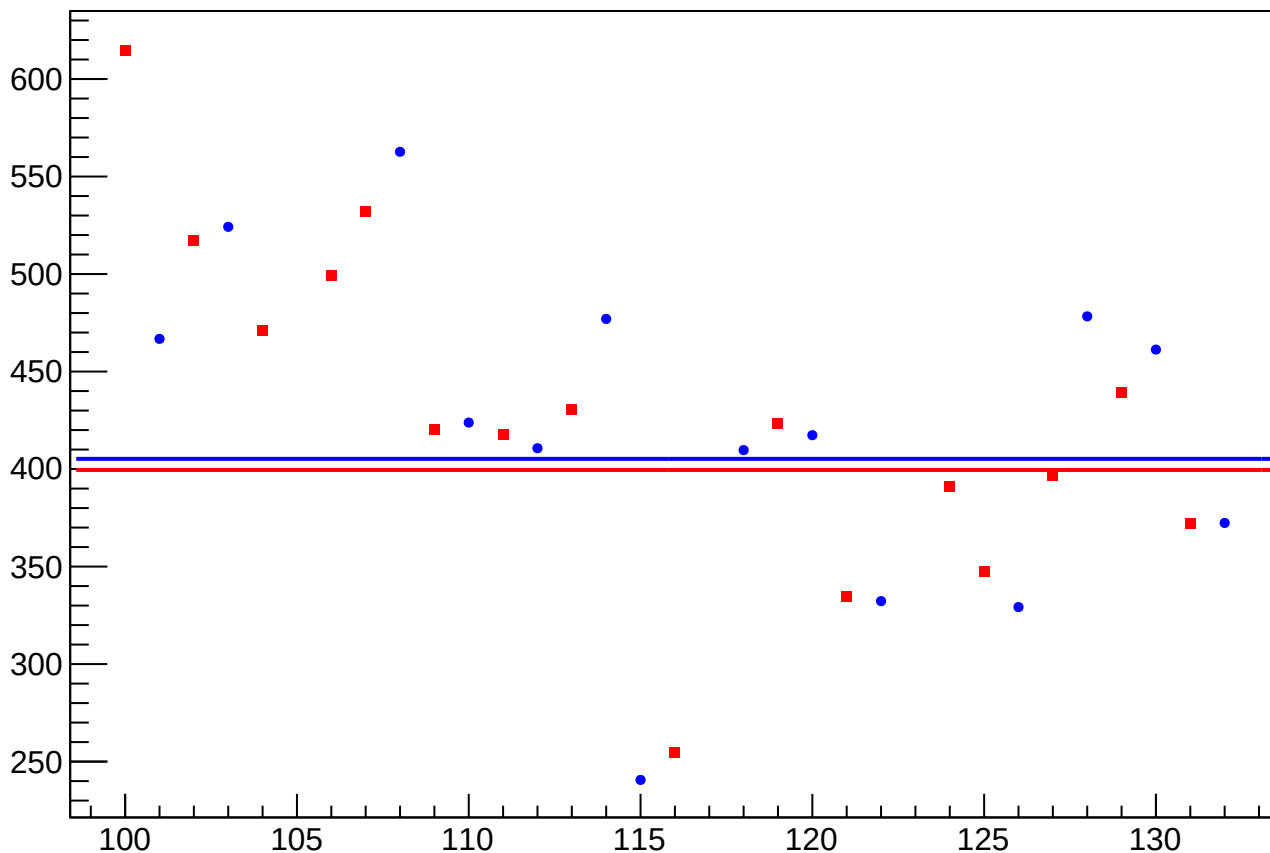
Right: -211.764+/-117.624 χ^2/NDF : 25.6/29

In: -9.377+/-169.794 χ^2/NDF : 13.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -211.764+/-117.624 χ^2/NDF : 25.6/29

asym_sam_1357_2468_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 405.232 $\pm$ 0.120 χ^2 /NDF: 413221.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 399.541 $\pm$ 0.115 χ^2 /NDF: 395456.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

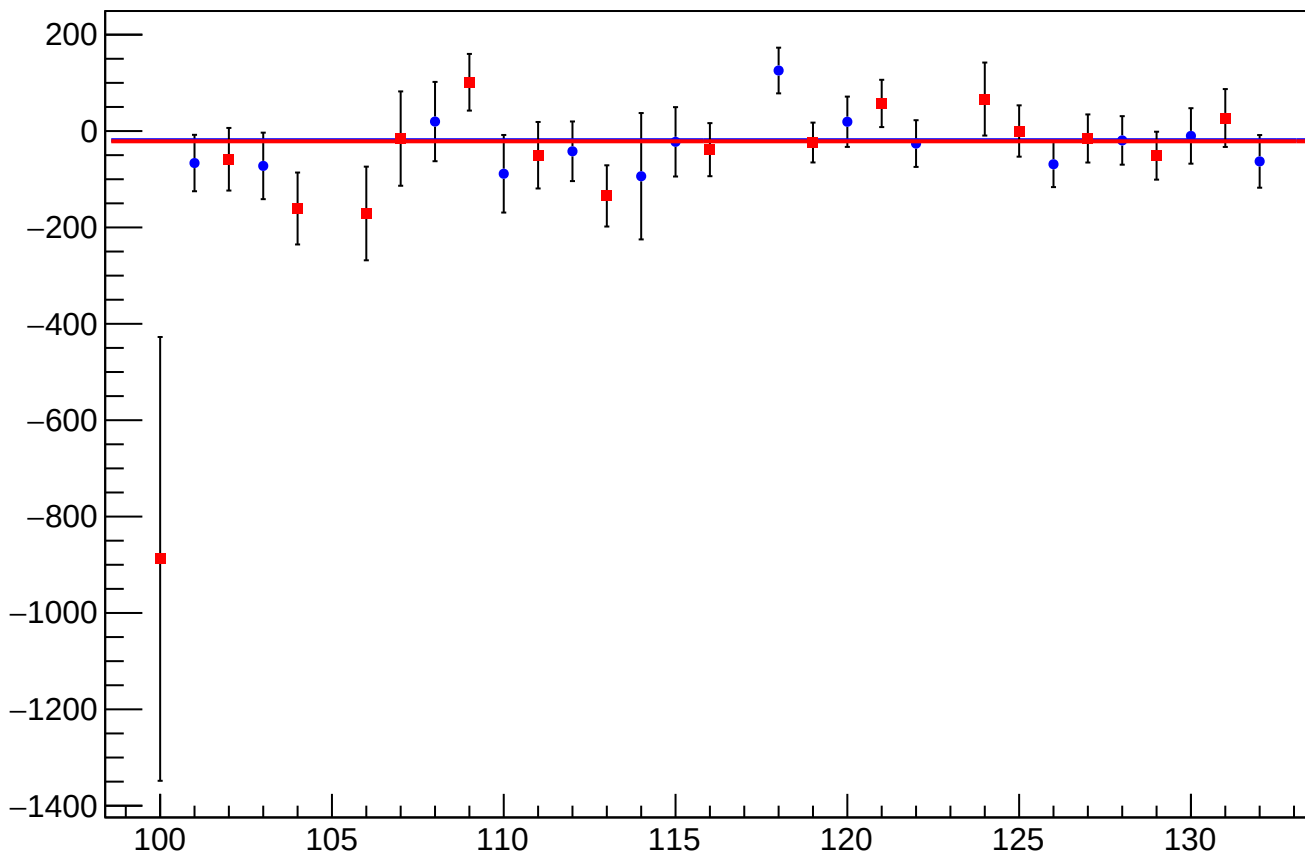
Right: 402.272 $\pm$ 0.083 χ^2 /NDF: 809846.6/29

In: 405.232 $\pm$ 0.120 χ^2 /NDF:413221.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 402.272 $\pm$ 0.083 χ^2 /NDF: 809846.6/29

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -18.976 ± 15.755 χ^2/NDF : 14.3/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -21.262 ± 15.217 χ^2/NDF : 22.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

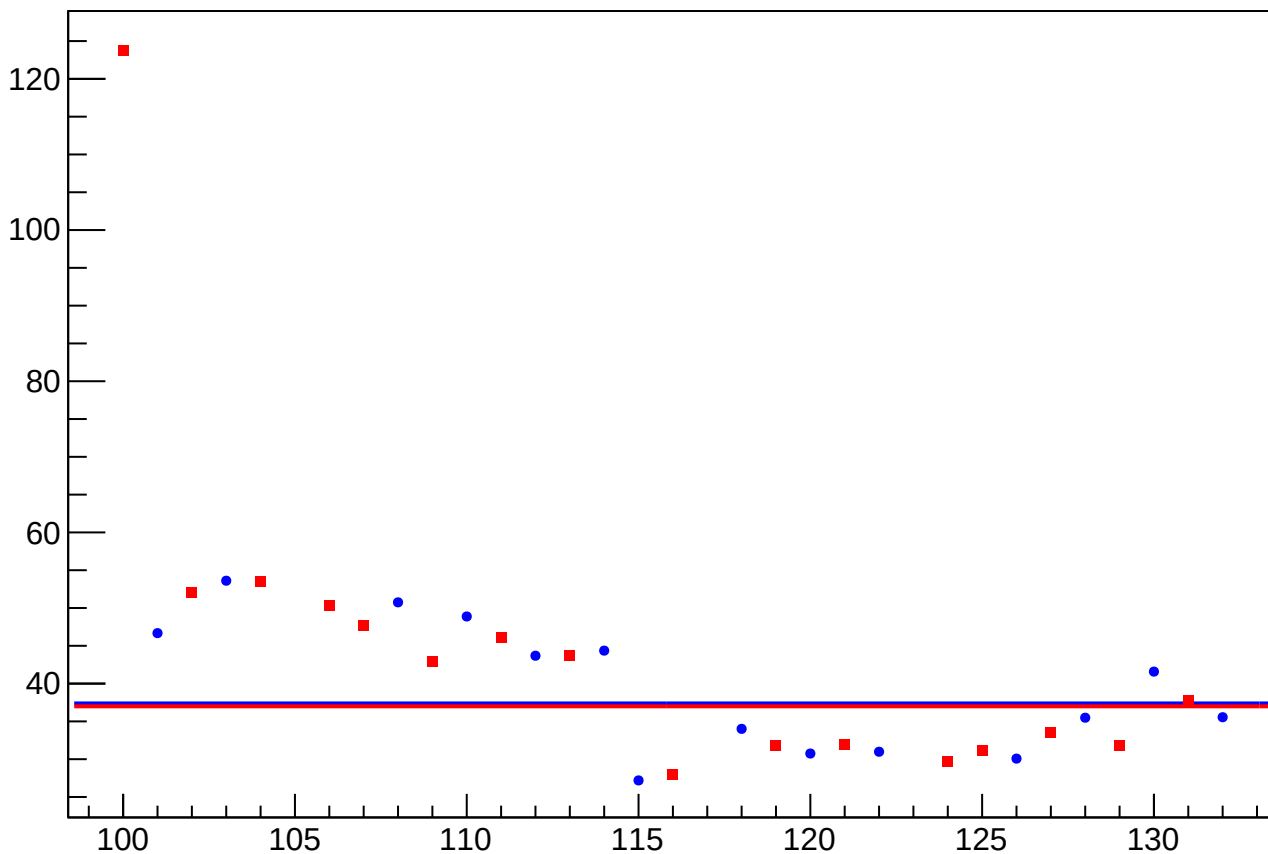
Right: -20.159 ± 10.945 χ^2/NDF : 37.0/29

In: -18.976 ± 15.755 χ^2/NDF : 14.3/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -20.159 ± 10.945 χ^2/NDF : 37.0/29

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 37.373+/-0.011 χ^2/NDF : 461501.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.994+/-0.011 χ^2/NDF : 596241.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

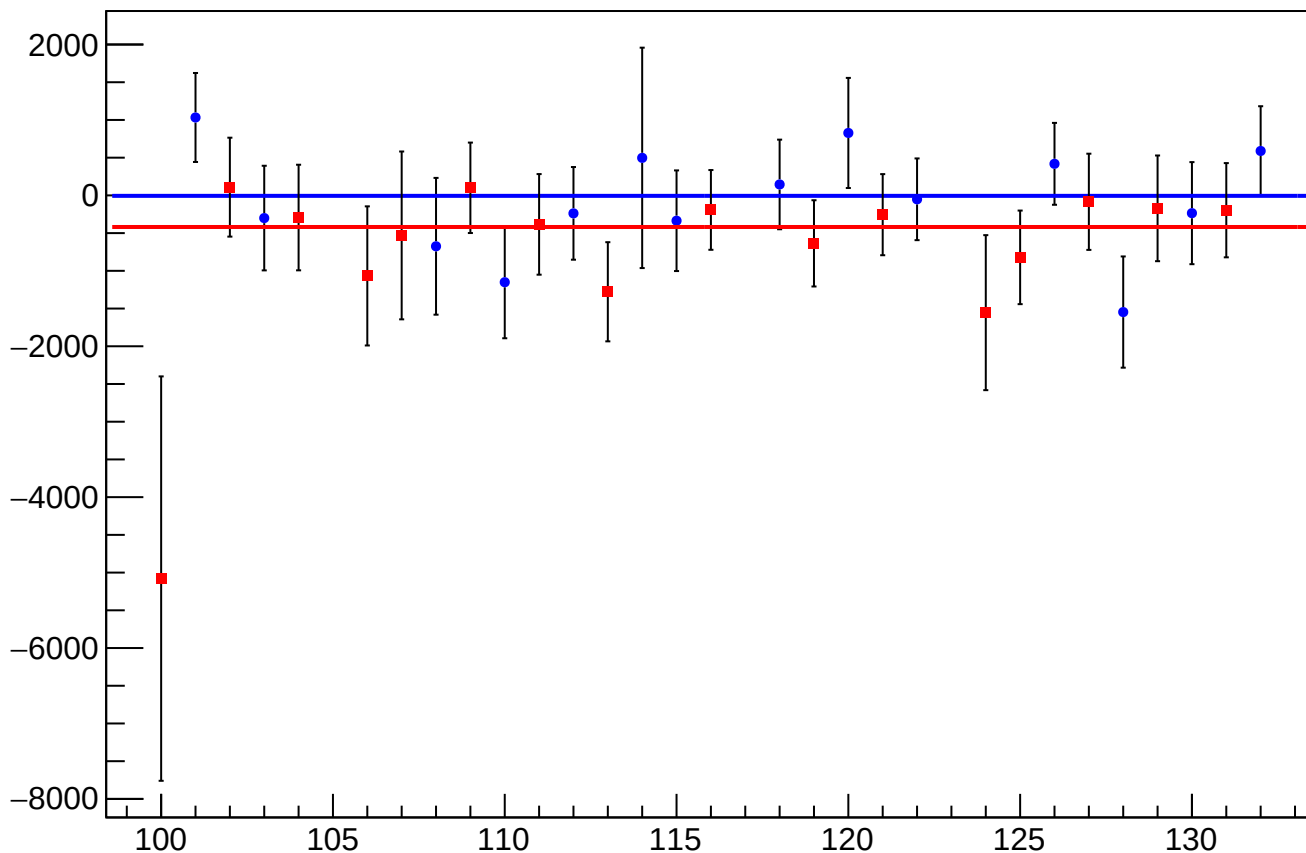
Right: 37.177+/-0.008 χ^2/NDF : 1058341.4/29

In: 37.373+/-0.011 χ^2/NDF : 461501.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.177+/-0.008 χ^2/NDF : 1058341.4/29

asym_sam_1357_2468_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -6.006 ± 177.521 χ^2/NDF : 14.2/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -418.826 ± 170.137 χ^2/NDF : 9.3/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

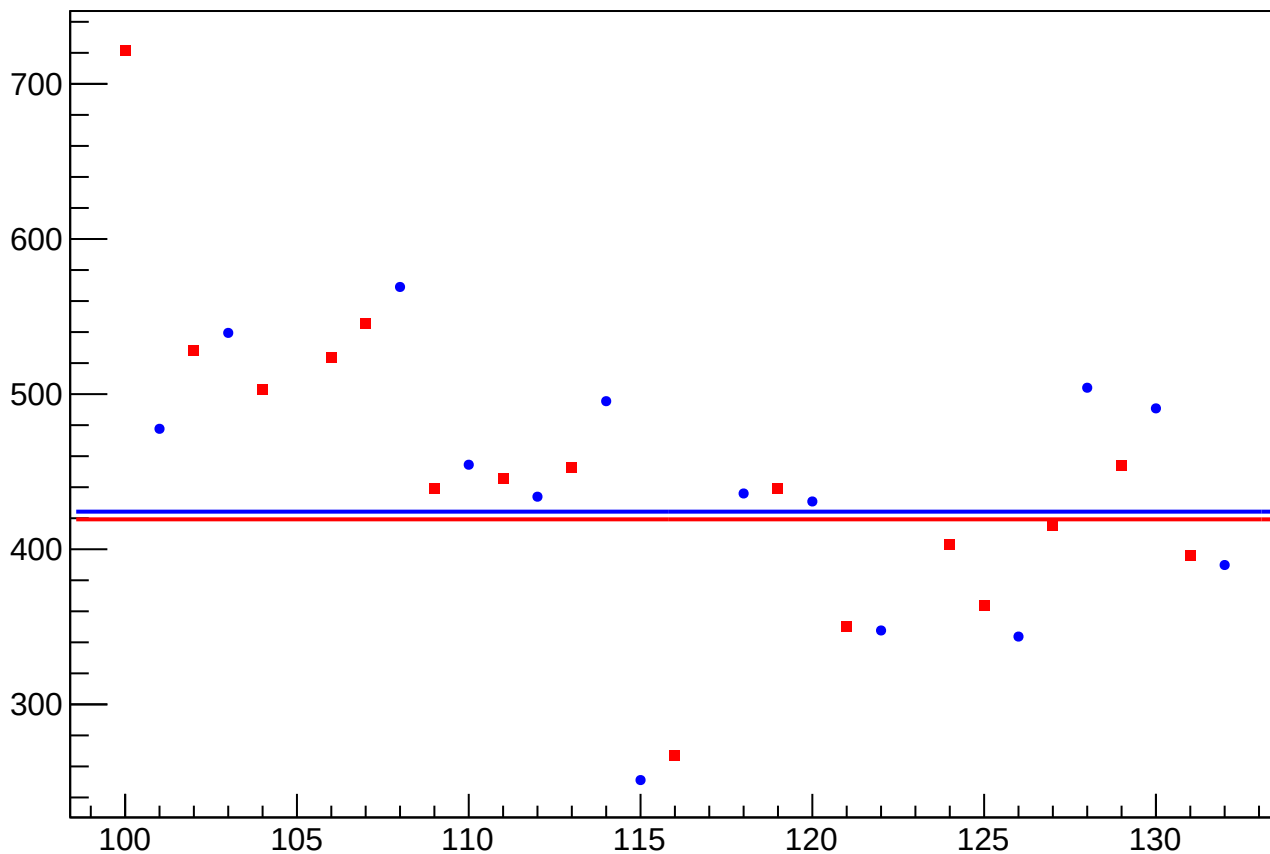
Right: -221.180 ± 122.833 χ^2/NDF : 26.3/29

In: -6.006 ± 177.521 χ^2/NDF : 14.2/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -221.180 ± 122.833 χ^2/NDF : 26.3/29

asym_sam_1357_2468_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 424.246+/-0.126 χ^2/NDF : 400335.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 419.283+/-0.120 χ^2/NDF : 395961.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

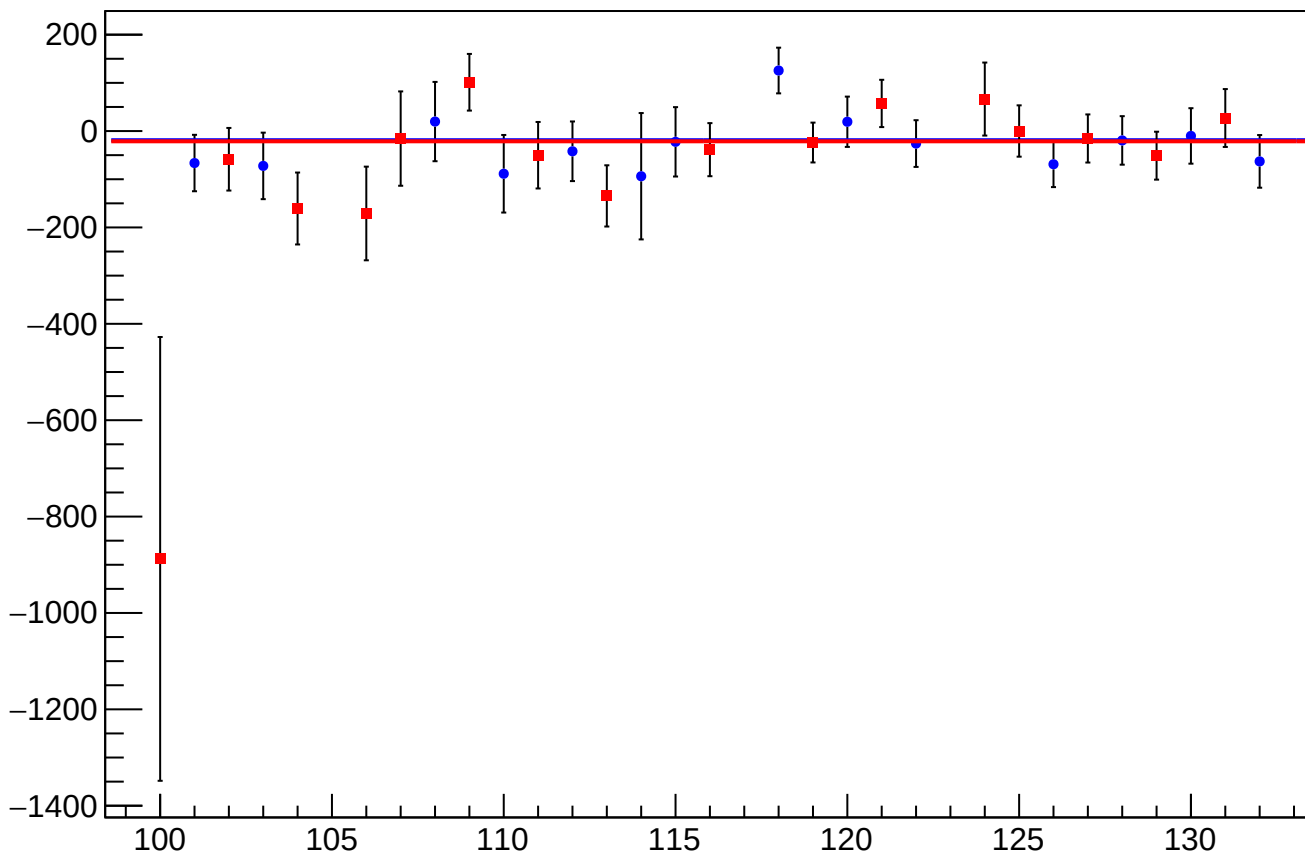
Right: 421.659+/-0.087 χ^2/NDF : 797111.7/29

In: 424.246+/-0.126 χ^2/NDF : 400335.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 421.659+/-0.087 χ^2/NDF : 797111.7/29

eigen_dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -18.976 ± 15.755 χ^2/NDF : 14.3/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -21.261 ± 15.217 χ^2/NDF : 22.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

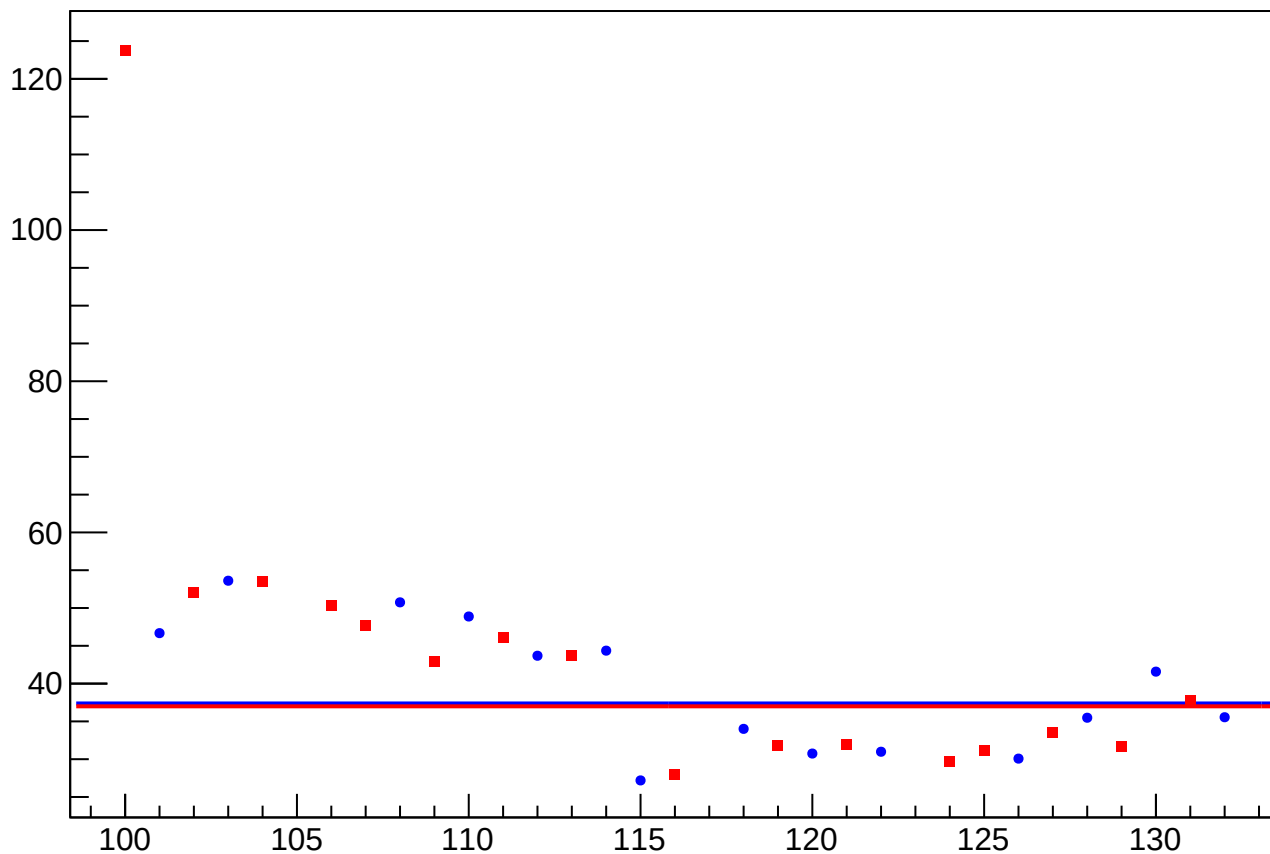
Right: -20.158 ± 10.945 χ^2/NDF : 37.0/29

In: -18.976 ± 15.755 χ^2/NDF : 14.3/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -20.158 ± 10.945 χ^2/NDF : 37.0/29

eigen_dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 37.372+/-0.011 χ^2 /NDF: 461470.5/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 36.994+/-0.011 χ^2 /NDF: 596218.7/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

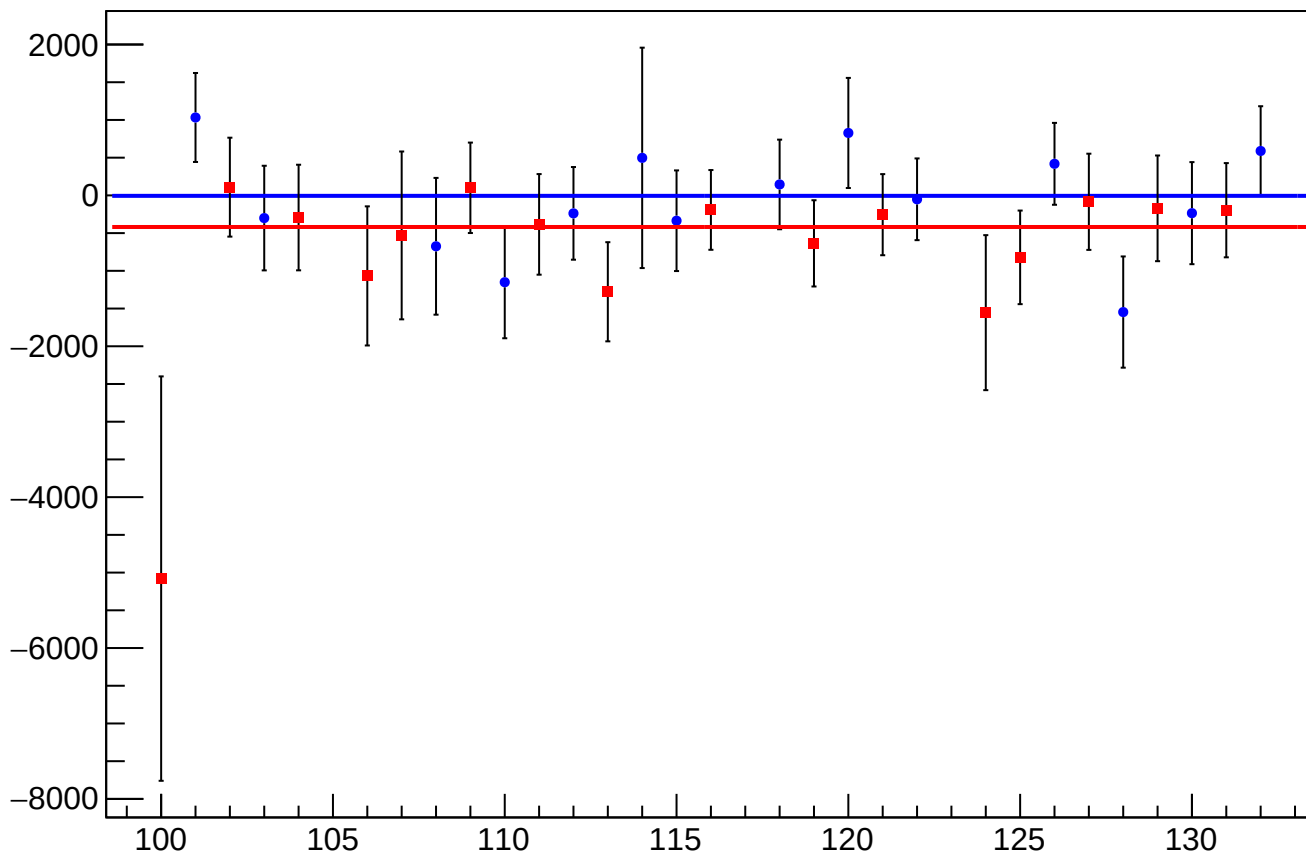
Right: 37.177+/-0.008 χ^2 /NDF: 1058287.2/29

In: 37.372+/-0.011 χ^2 /NDF:461470.5/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 37.177+/-0.008 χ^2 /NDF: 1058287.2/29

asym_sam_1357_2468_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -6.007 ± 177.521 χ^2/NDF : 14.2/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -418.825 ± 170.136 χ^2/NDF : 9.3/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

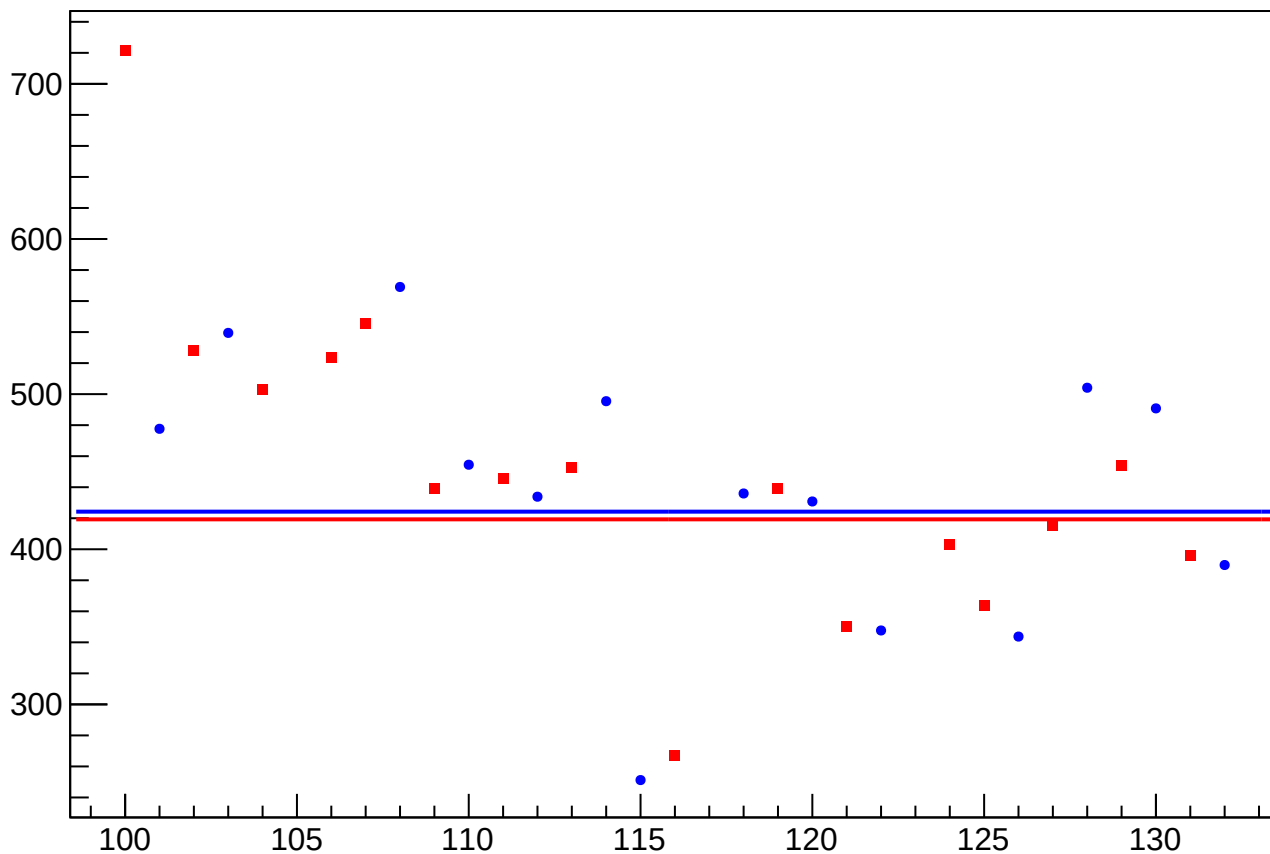
Right: -221.180 ± 122.832 χ^2/NDF : 26.3/29

In: -6.007 ± 177.521 χ^2/NDF : 14.2/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -221.180 ± 122.832 χ^2/NDF : 26.3/29

asym_sam_1357_2468_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 424.245+/-0.126 χ^2/NDF : 400327.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 419.282+/-0.120 χ^2/NDF : 395954.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

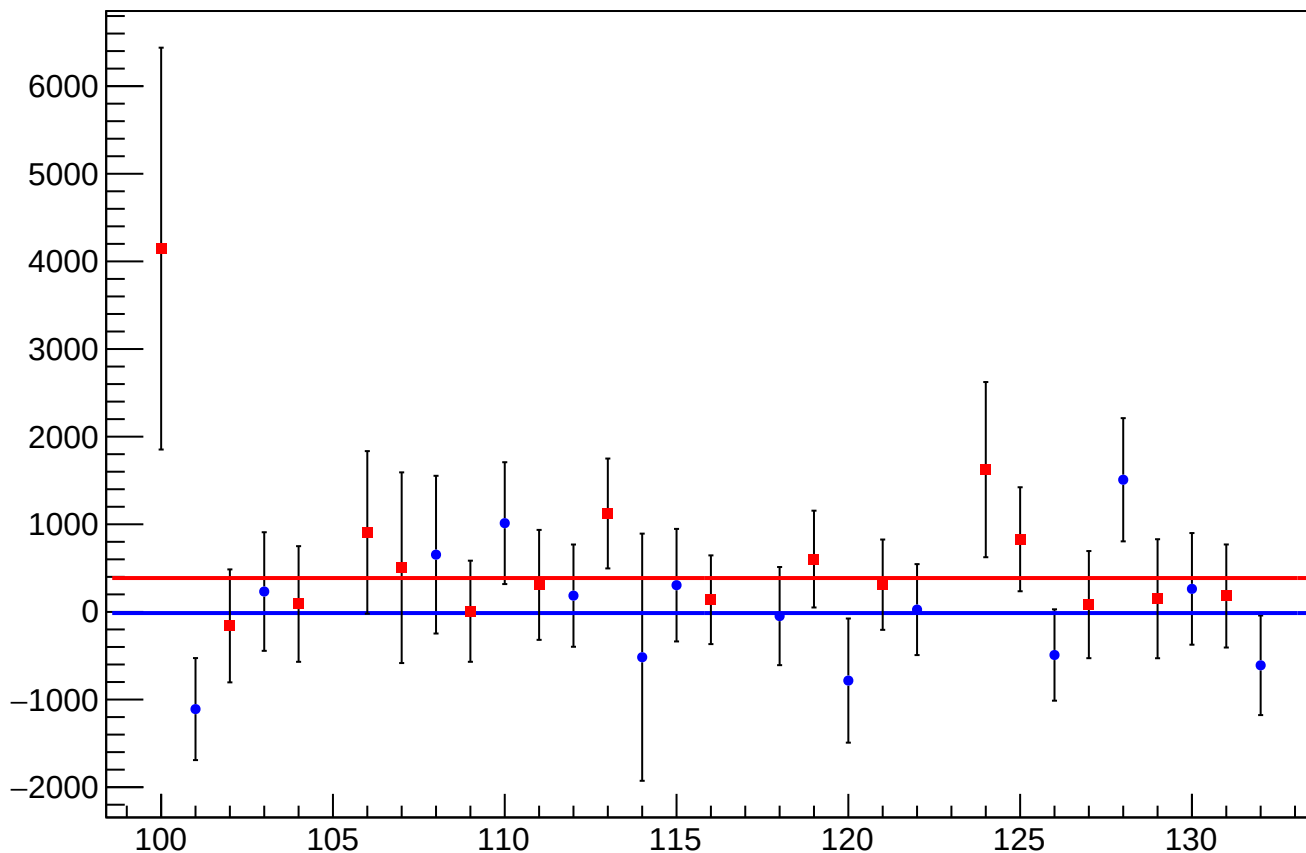
Right: 421.658+/-0.087 χ^2/NDF : 797096.4/29

In: 424.245+/-0.126 χ^2/NDF : 400327.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 421.658+/-0.087 χ^2/NDF : 797096.4/29

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -12.955 ± 170.341 χ^2/NDF : 14.9/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 386.630 ± 163.268 χ^2/NDF : 8.8/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

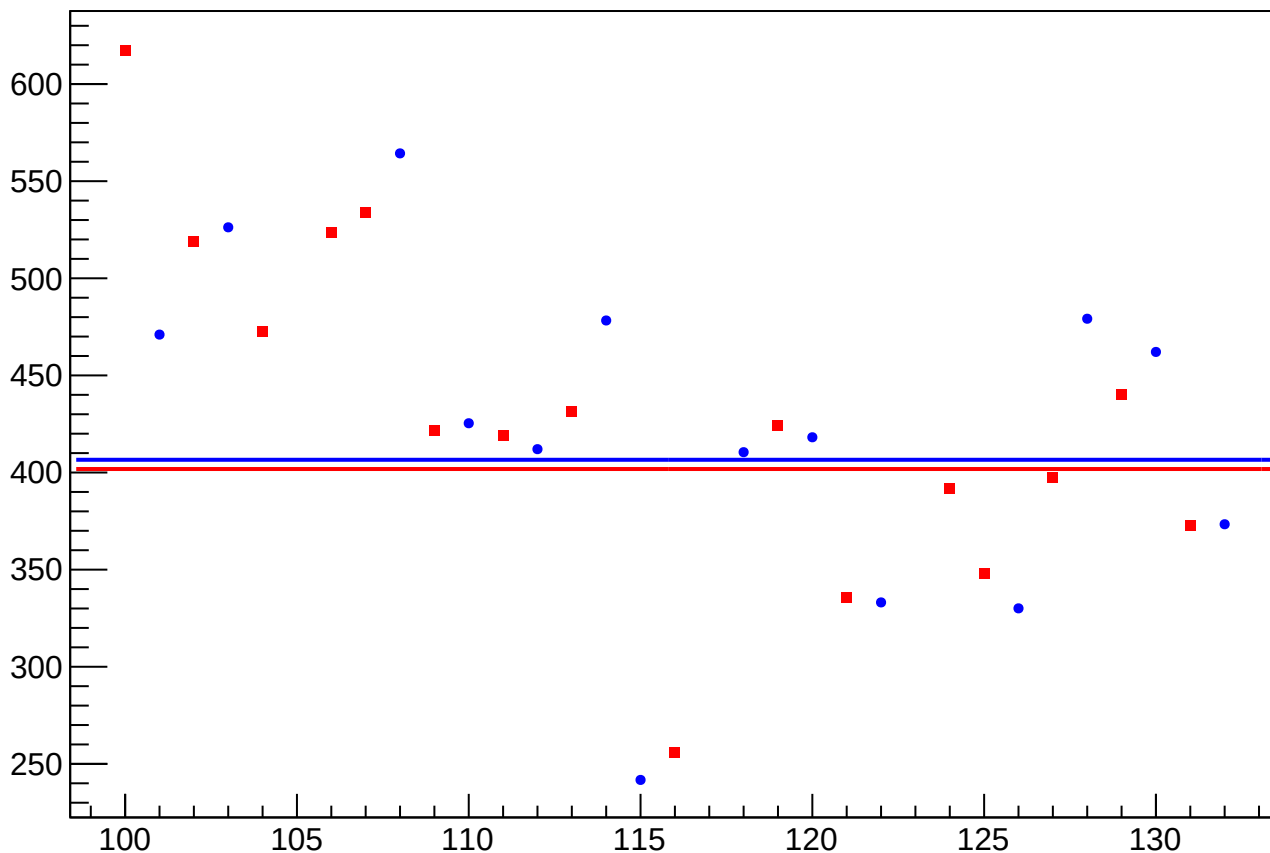
Right: 195.305 ± 117.869 χ^2/NDF : 26.5/29

In: -12.955 ± 170.341 χ^2/NDF : 14.9/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 195.305 ± 117.869 χ^2/NDF : 26.5/29

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 406.567+/-0.120 χ^2/NDF : 414219.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 401.807+/-0.115 χ^2/NDF : 409581.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

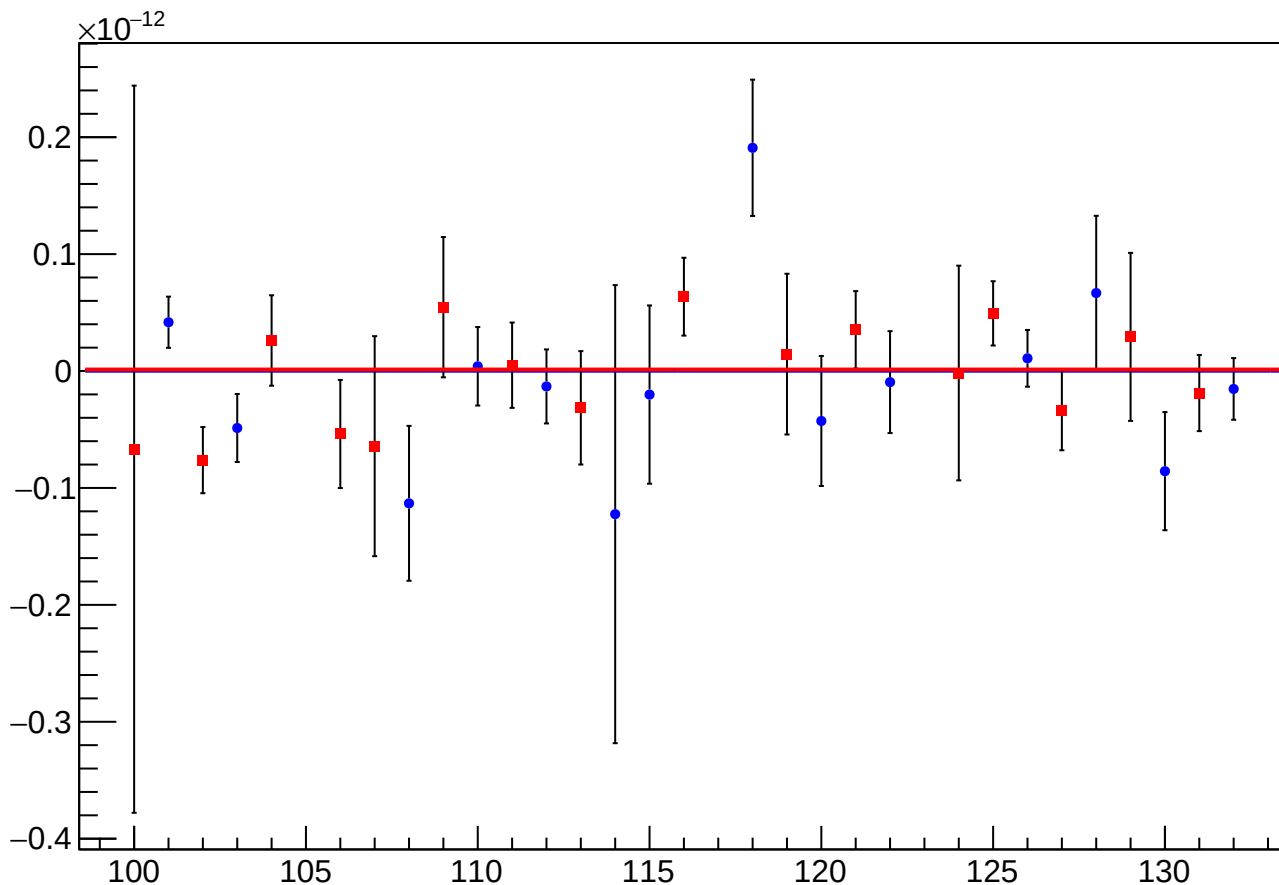
Right: 404.086+/-0.083 χ^2/NDF : 824614.7/29

In: 406.567+/-0.120 χ^2/NDF : 414219.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 404.086+/-0.083 χ^2/NDF : 824614.7/29

asym_sam_1357_2468_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 25.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 20.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

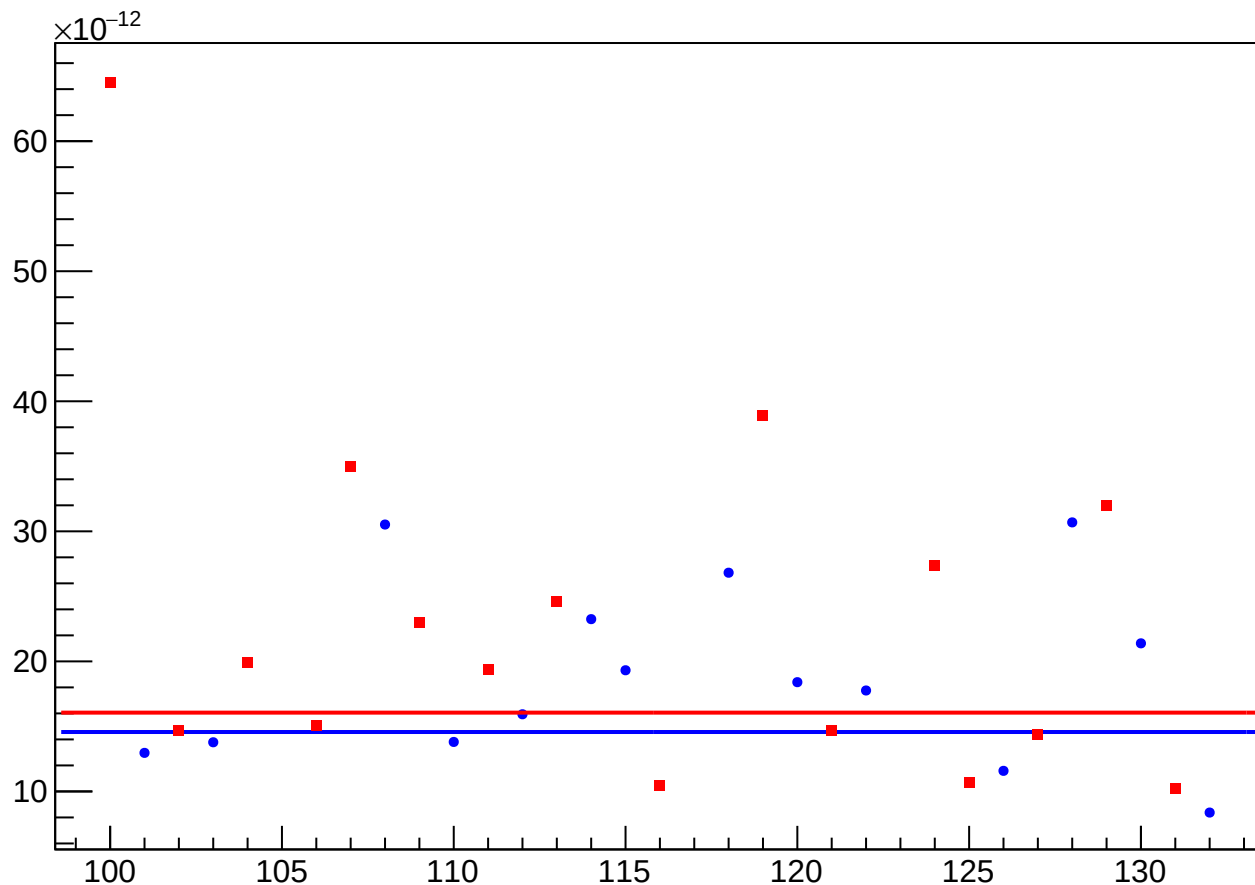
Right: 0.000+/-0.000 χ^2/NDF : 46.1/29

In: 0.000+/-0.000 χ^2/NDF : 25.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 46.1/29

asym_sam_1357_2468_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 549222.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 817801.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

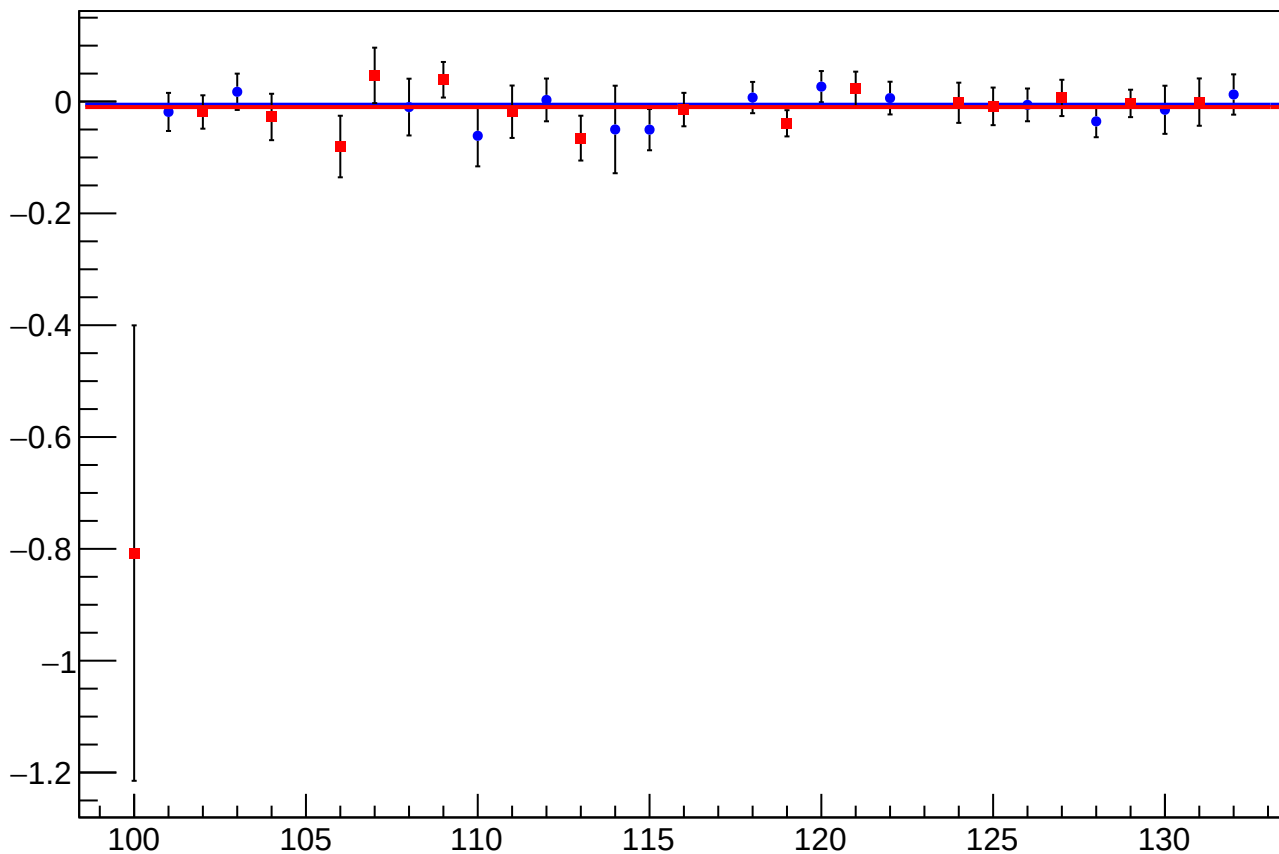
Right: 0.000+/-0.000 χ^2/NDF : 1389051.2/29

In: 0.000+/-0.000 χ^2/NDF : 549222.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1389051.2/29

asym_sam_1357_2468_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.009 χ^2 /NDF: 6.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.010 $\pm$ 0.009 χ^2 /NDF: 14.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

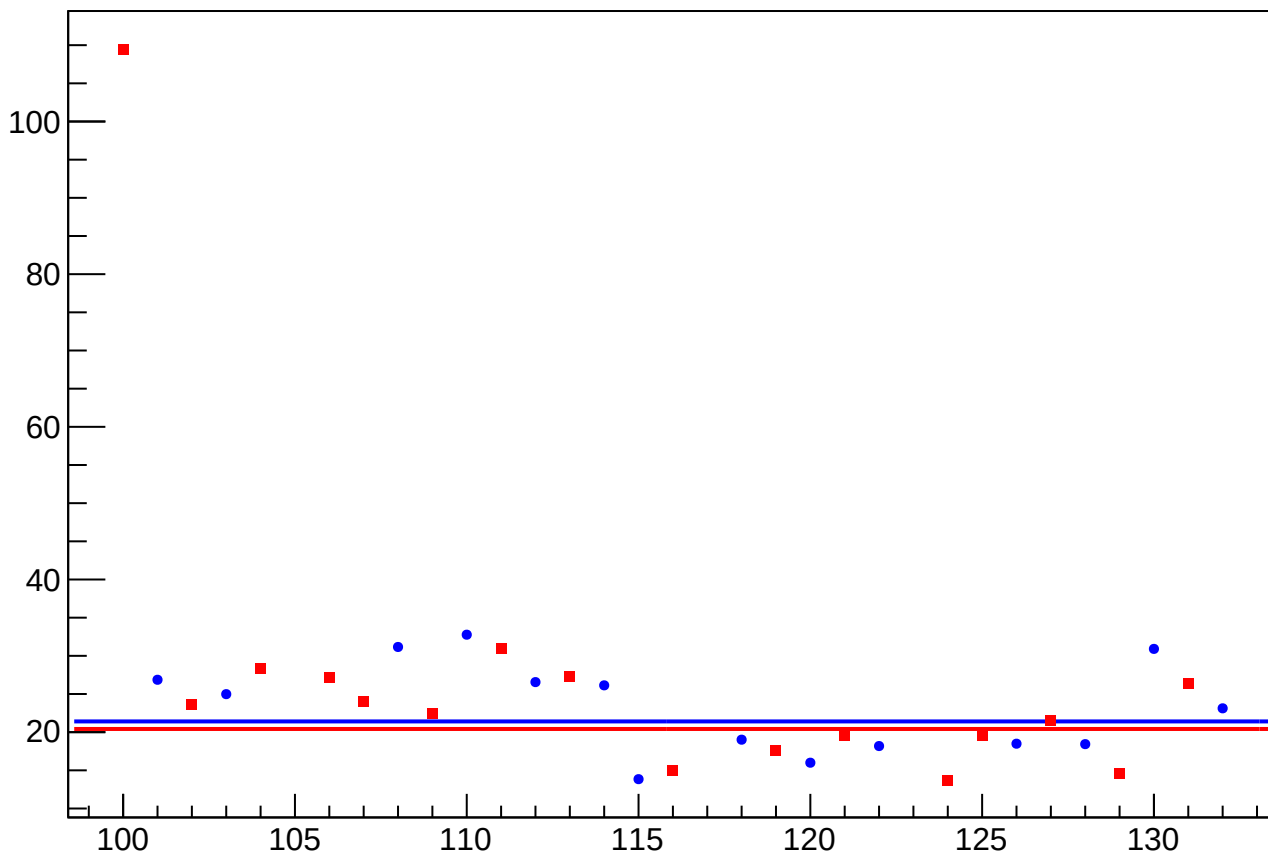
Right: -0.008 $\pm$ 0.006 χ^2 /NDF: 21.2/29

In: -0.006 $\pm$ 0.009 χ^2 /NDF:6.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.006 χ^2 /NDF: 21.2/29

asym_sam_1357_2468_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.409+/-0.007 χ^2/NDF : 621539.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.419+/-0.006 χ^2/NDF : 723407.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

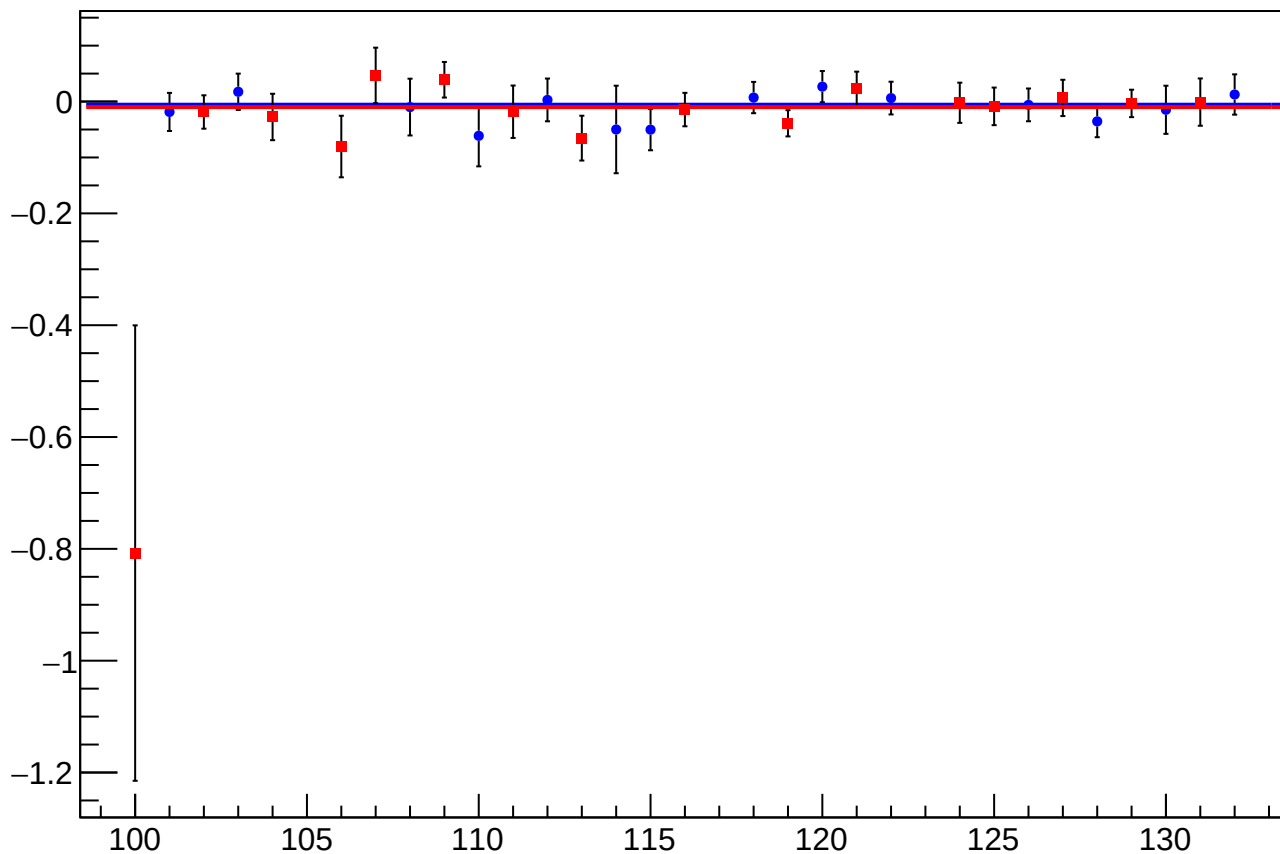
Right: 20.878+/-0.004 χ^2/NDF : 1357083.9/29

In: 21.409+/-0.007 χ^2/NDF : 621539.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.878+/-0.004 χ^2/NDF : 1357083.9/29

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 ± 0.009 χ^2/NDF : 6.6/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.010 ± 0.009 χ^2/NDF : 14.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

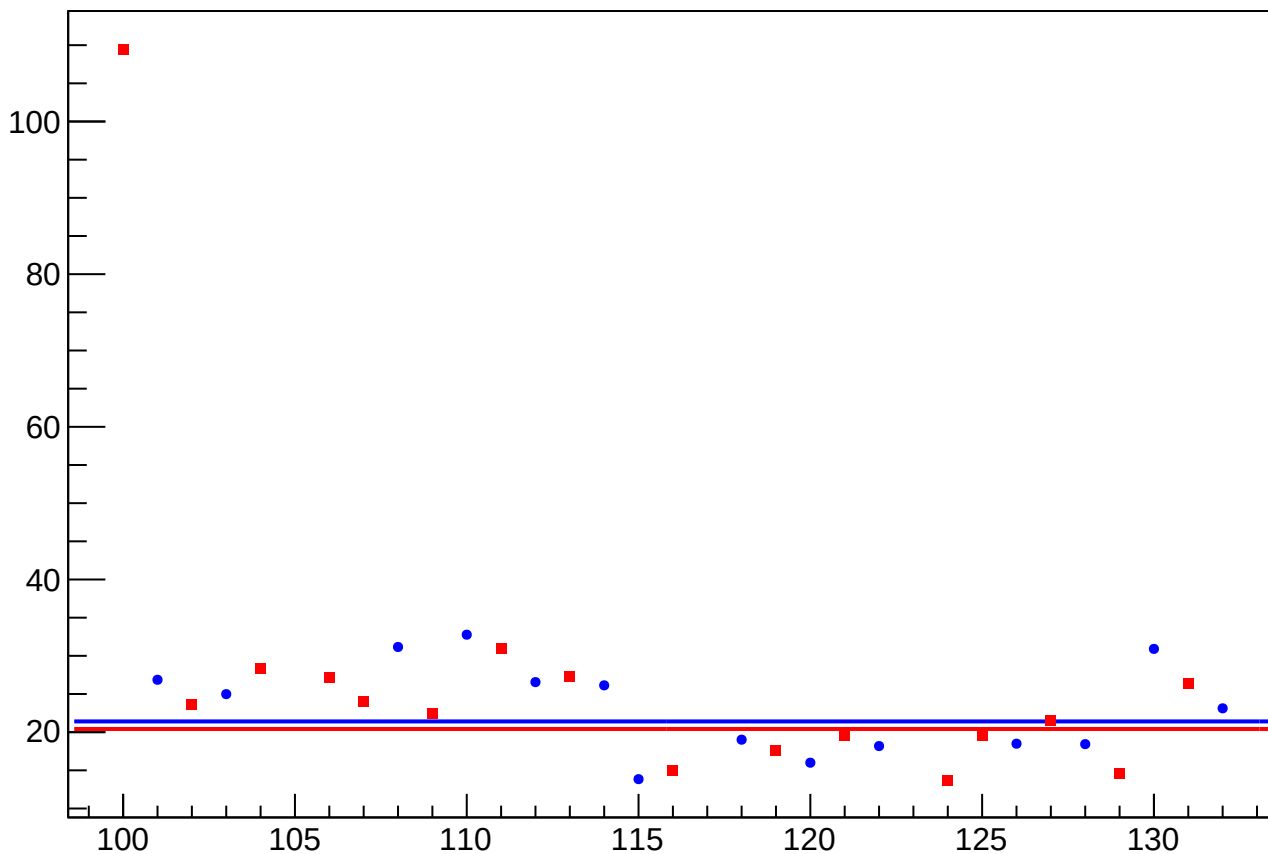
Right: -0.008 ± 0.006 χ^2/NDF : 21.2/29

In: -0.006 ± 0.009 χ^2/NDF : 6.6/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.008 ± 0.006 χ^2/NDF : 21.2/29

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.409+/-0.007 χ^2/NDF : 621539.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.419+/-0.006 χ^2/NDF : 723407.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

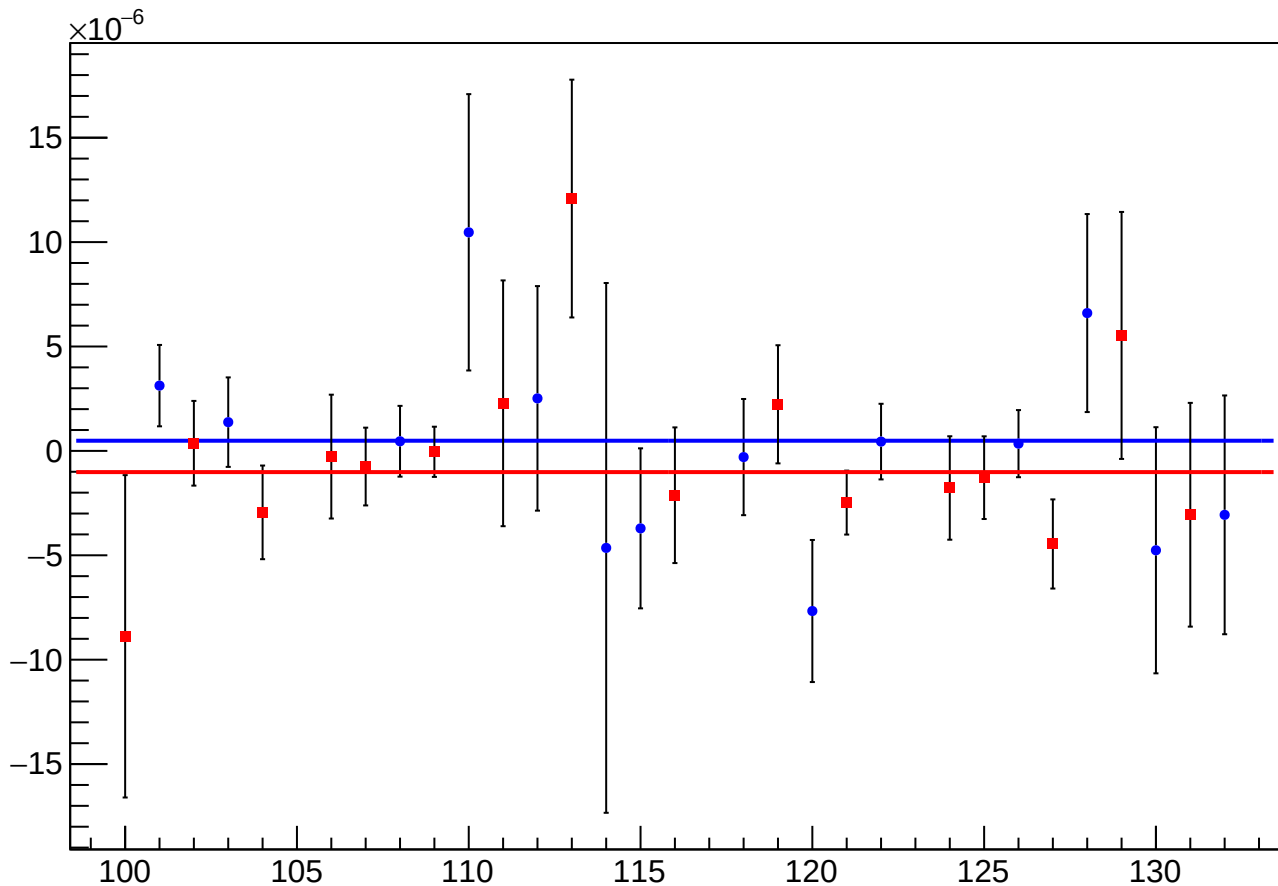
Right: 20.878+/-0.004 χ^2/NDF : 1357083.9/29

In: 21.409+/-0.007 χ^2/NDF : 621539.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.878+/-0.004 χ^2/NDF : 1357083.9/29

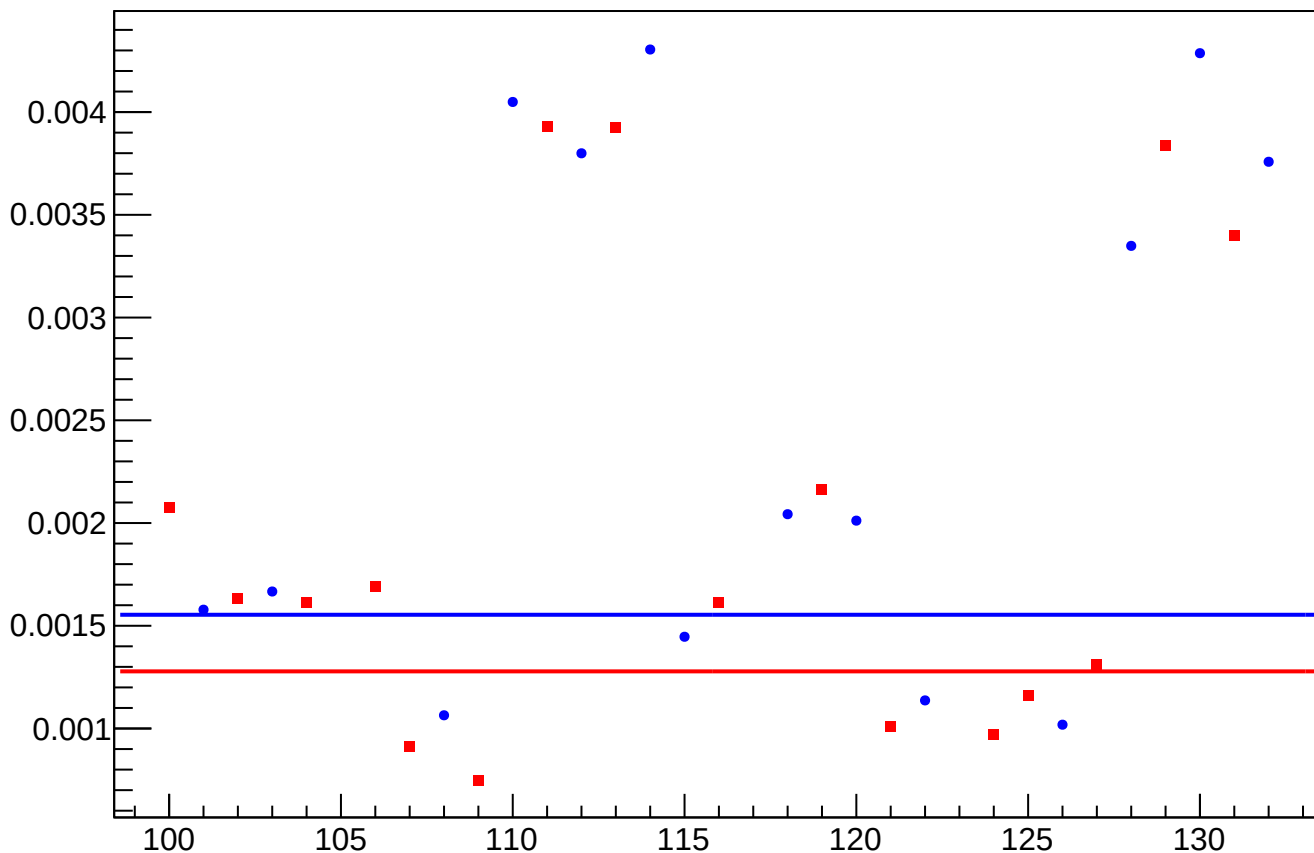
asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.5/13
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 15.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 32.1/29
 In: 0.000+/-0.000 χ^2/NDF : 14.5/13
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 32.1/29

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2340967.3/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2476541.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

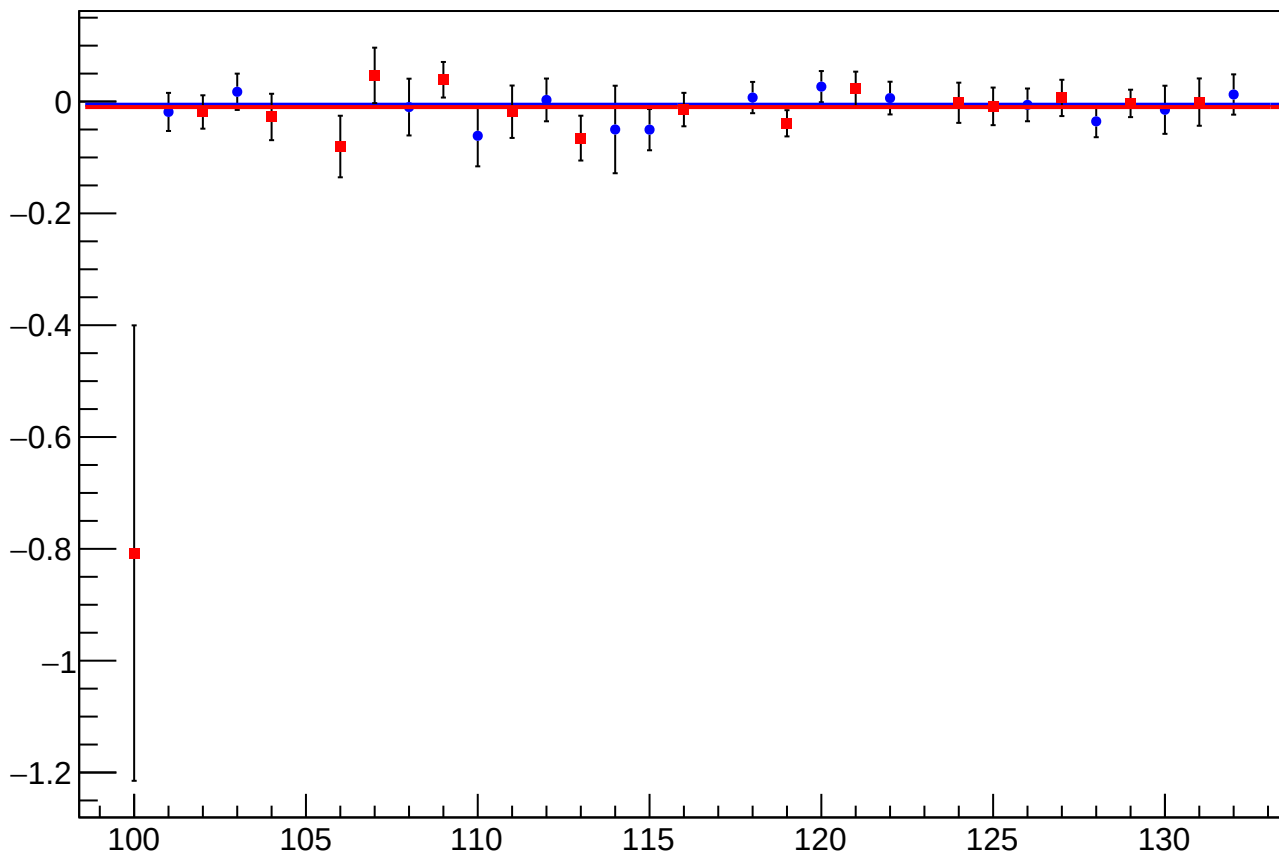
Right: 0.001+/-0.000 χ^2/NDF : 4997109.2/29

In: 0.002+/-0.000 χ^2/NDF :2340967.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4997109.2/29

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 ± 0.009 χ^2/NDF : 6.6/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.010 ± 0.009 χ^2/NDF : 14.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

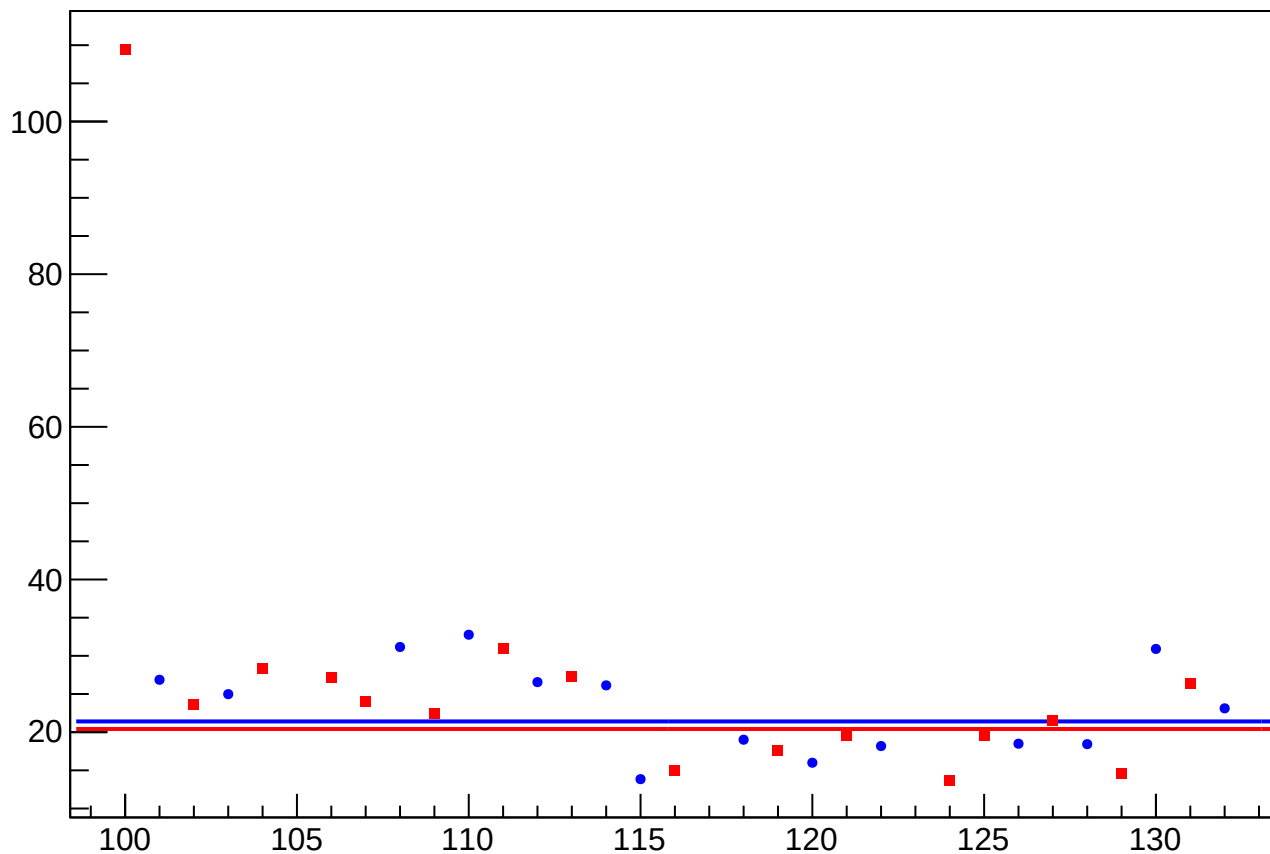
Right: -0.008 ± 0.006 χ^2/NDF : 21.2/29

In: -0.006 ± 0.009 χ^2/NDF : 6.6/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.008 ± 0.006 χ^2/NDF : 21.2/29

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.408+/-0.007 χ^2/NDF : 621444.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.418+/-0.006 χ^2/NDF : 723416.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

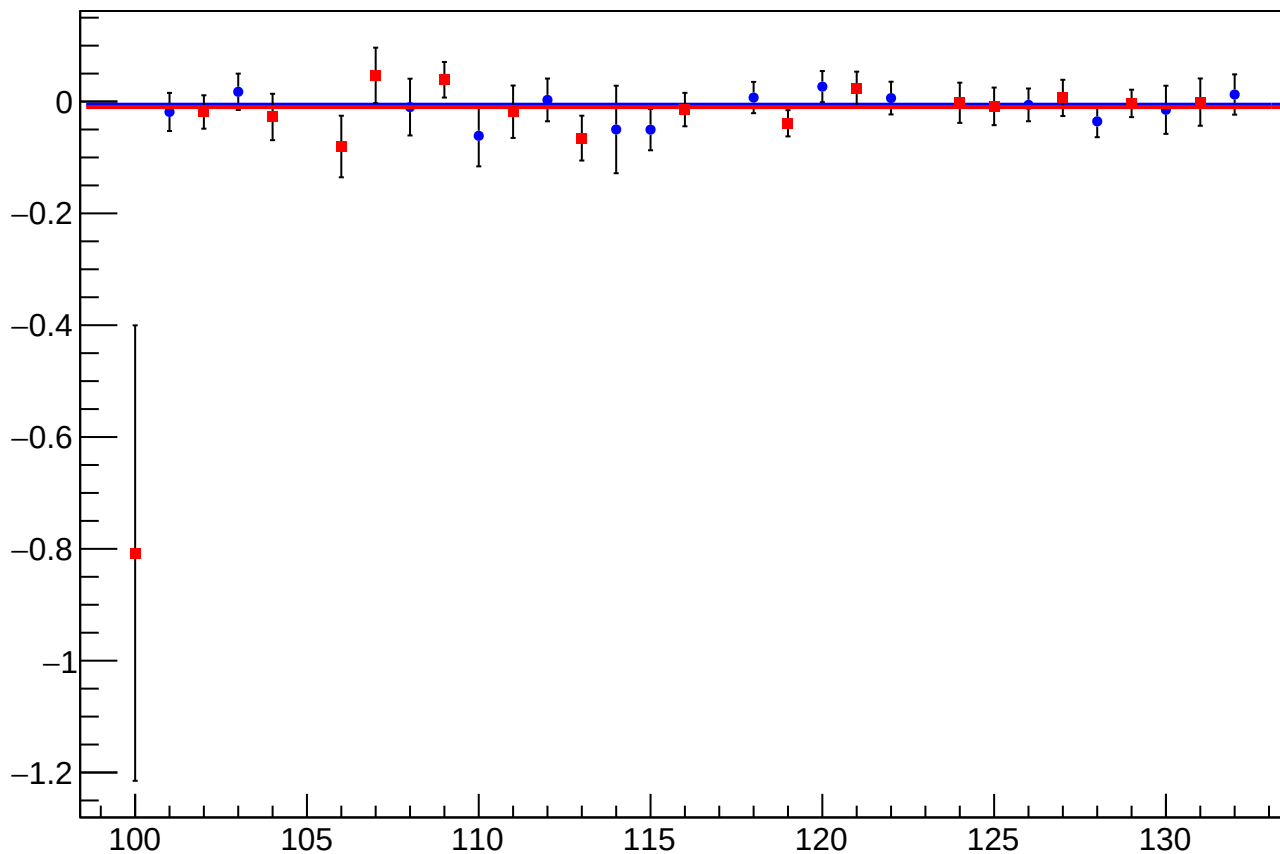
Right: 20.878+/-0.004 χ^2/NDF : 1357000.2/29

In: 21.408+/-0.007 χ^2/NDF : 621444.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.878+/-0.004 χ^2/NDF : 1357000.2/29

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 ± 0.009 χ^2/NDF : 6.6/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.010 ± 0.009 χ^2/NDF : 14.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

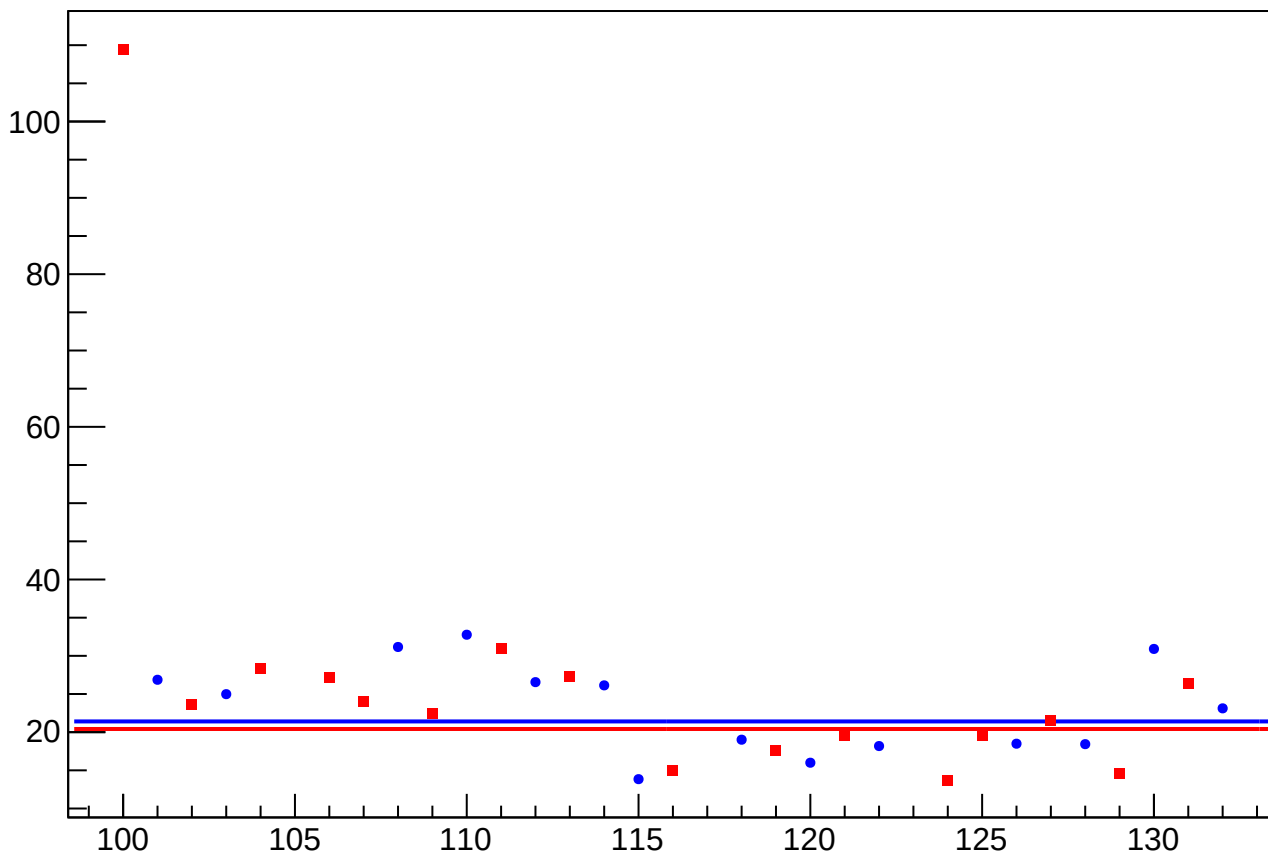
Right: -0.008 ± 0.006 χ^2/NDF : 21.2/29

In: -0.006 ± 0.009 χ^2/NDF : 6.6/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.008 ± 0.006 χ^2/NDF : 21.2/29

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.408+/-0.007 χ^2/NDF : 621444.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.418+/-0.006 χ^2/NDF : 723416.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

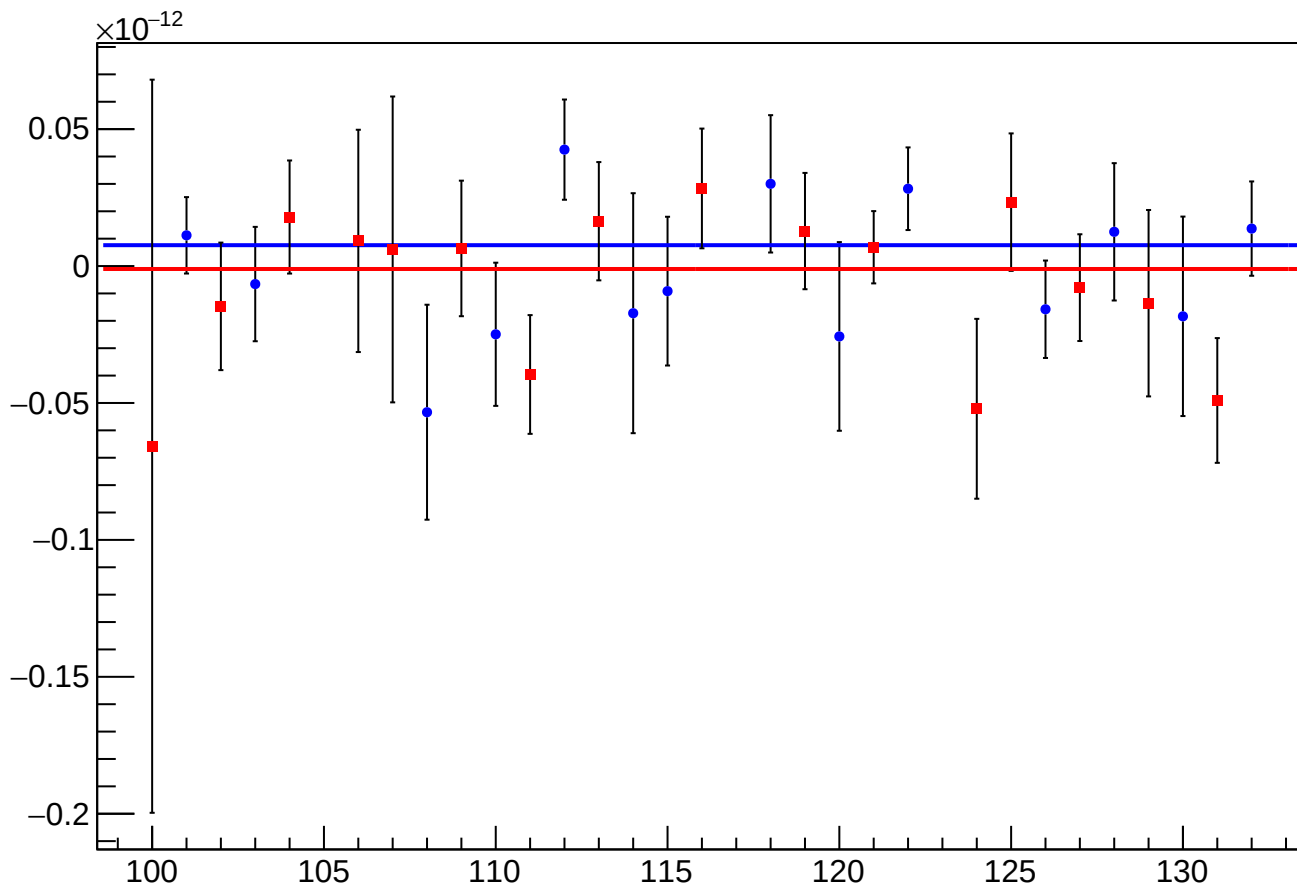
Right: 20.878+/-0.004 χ^2/NDF : 1357000.2/29

In: 21.408+/-0.007 χ^2/NDF : 621444.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.878+/-0.004 χ^2/NDF : 1357000.2/29

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

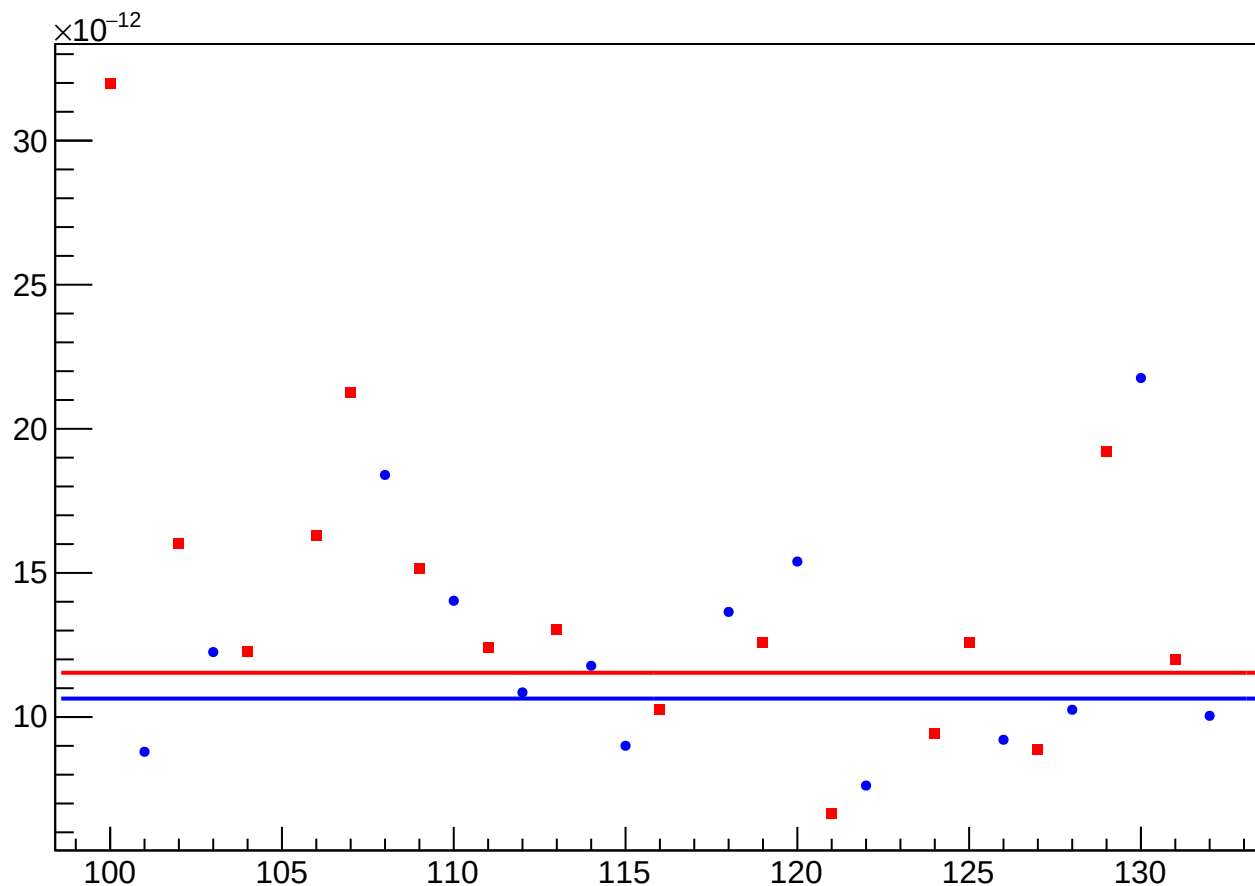
Right: 0.000+/-0.000 χ^2/NDF : 32.0/29

In: 0.000+/-0.000 χ^2/NDF : 14.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 32.0/29

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 516970.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 704623.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

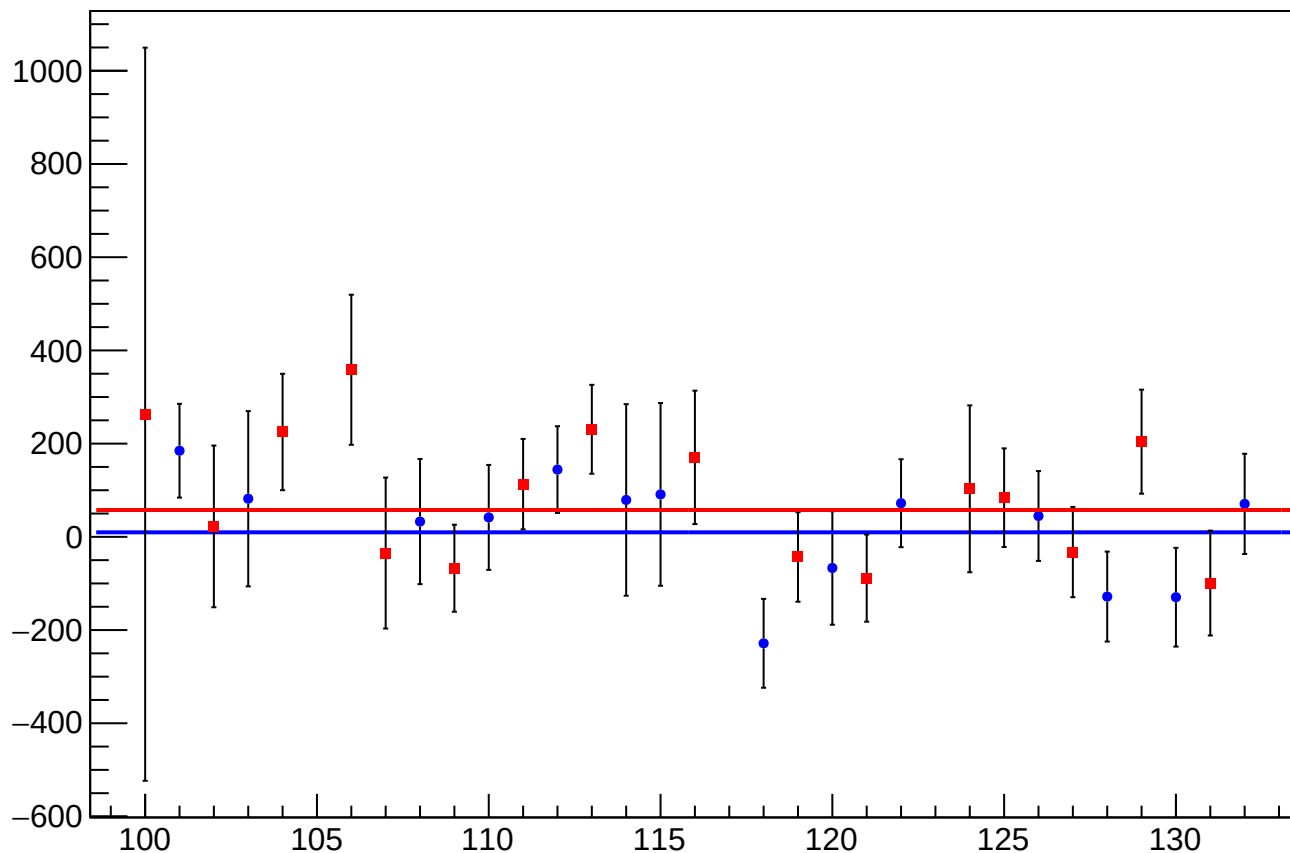
Right: 0.000+/-0.000 χ^2/NDF : 1245341.0/29

In: 0.000+/-0.000 χ^2/NDF : 516970.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1245341.0/29

reg_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 9.696+/-30.052 χ^2/NDF : 17.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.582+/-29.302 χ^2/NDF : 20.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

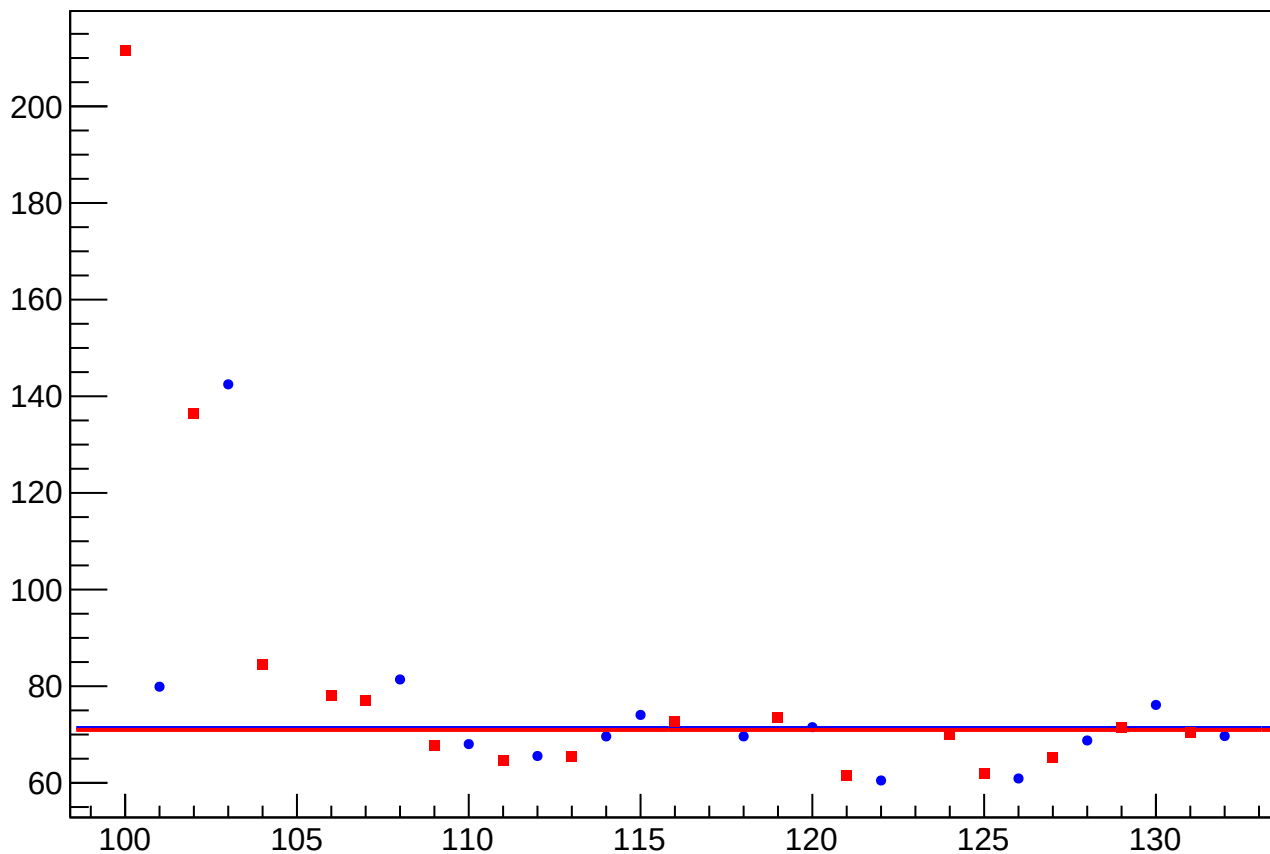
Right: 34.244+/-20.980 χ^2/NDF : 38.2/29

In: 9.696+/-30.052 χ^2/NDF : 17.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.244+/-20.980 χ^2/NDF : 38.2/29

reg_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 71.346+/-0.021 χ^2/NDF : 378374.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.957+/-0.021 χ^2/NDF : 440069.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

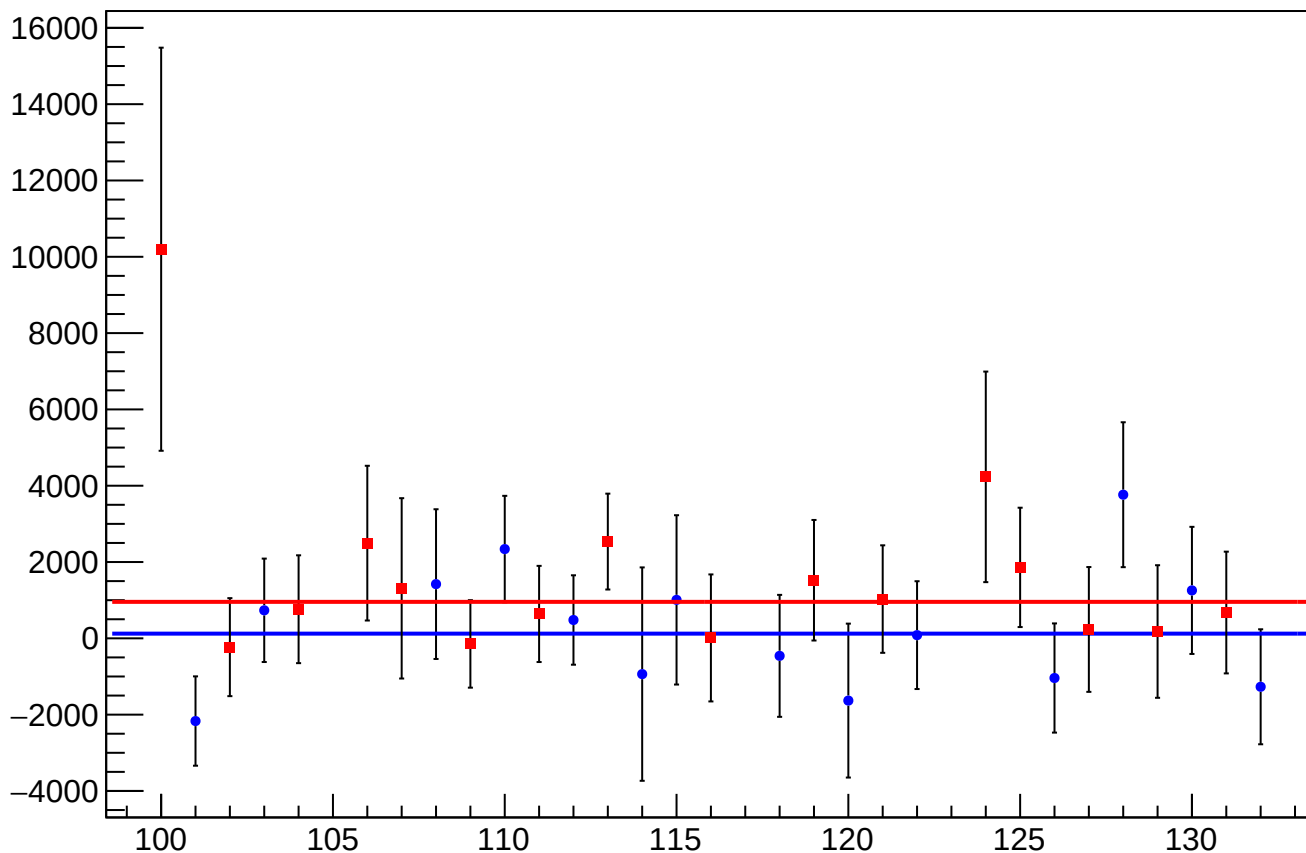
Right: 71.147+/-0.015 χ^2/NDF : 818615.7/29

In: 71.346+/-0.021 χ^2/NDF : 378374.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.147+/-0.015 χ^2/NDF : 818615.7/29

asym_sam_12345678_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 123.180+/-414.808 χ^2/NDF : 13.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 956.127+/-392.459 χ^2/NDF : 9.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

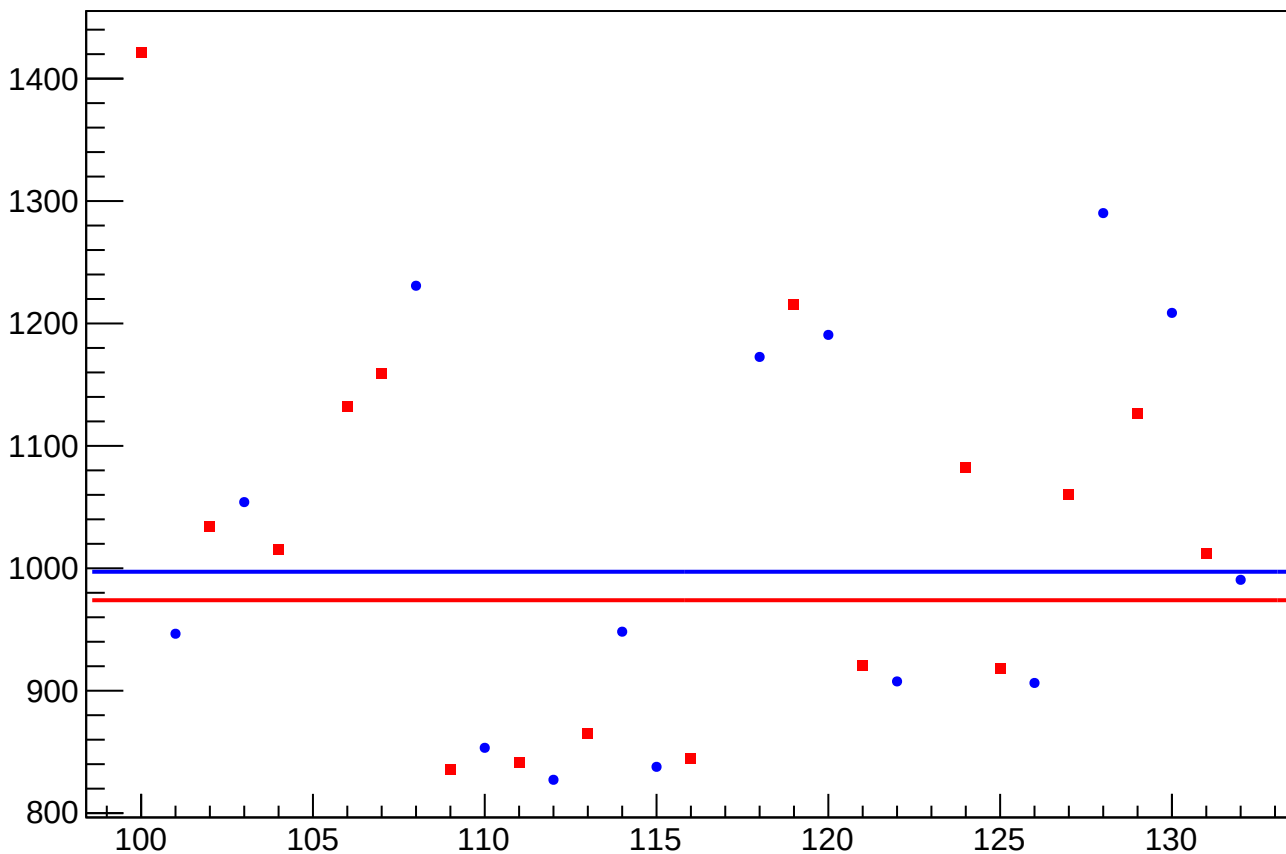
Right: 562.695+/-285.084 χ^2/NDF : 25.8/29

In: 123.180+/-414.808 χ^2/NDF : 13.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 562.695+/-285.084 χ^2/NDF : 25.8/29

asym_sam_12345678_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 997.183+/-0.293 χ^2/NDF : 248366.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 973.926+/-0.278 χ^2/NDF : 200688.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

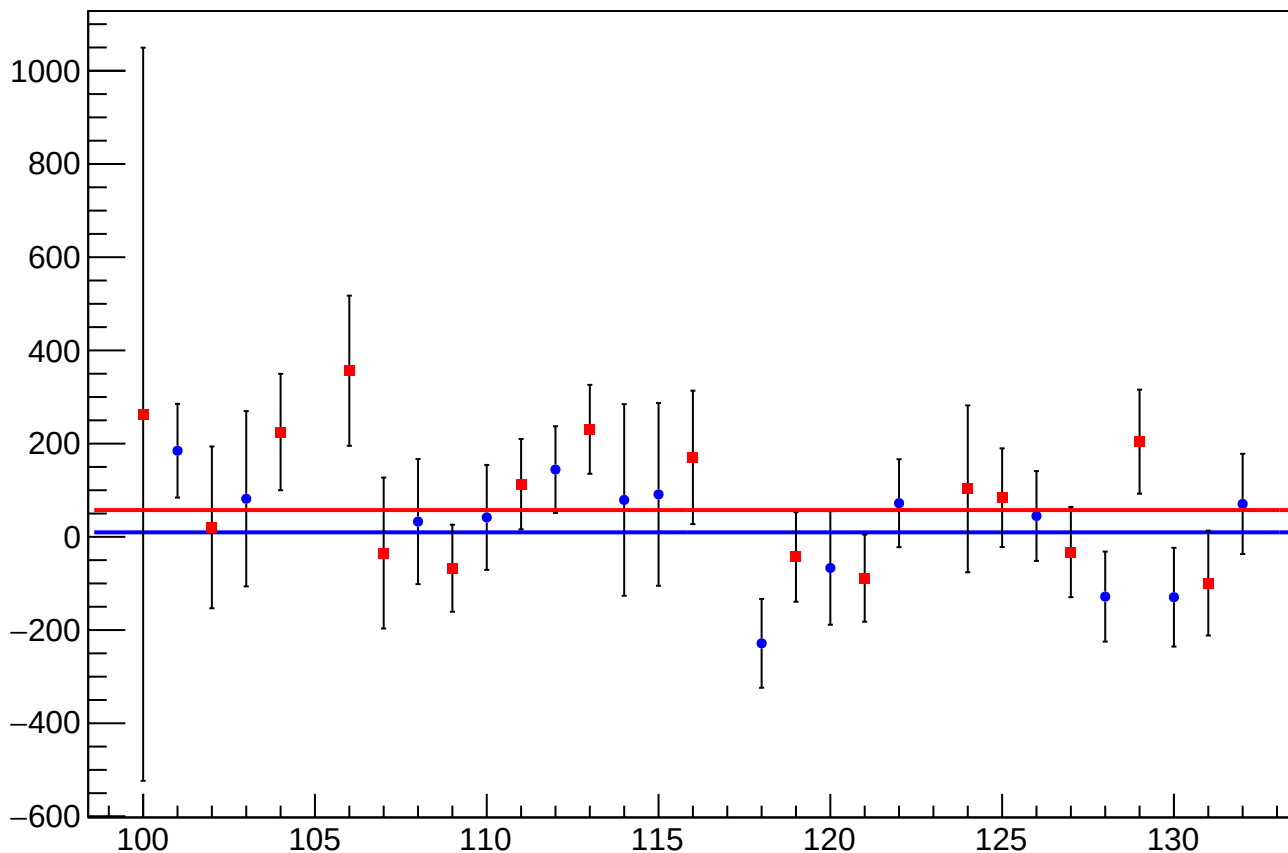
Right: 984.911+/-0.202 χ^2/NDF : 452372.5/29

In: 997.183+/-0.293 χ^2/NDF : 248366.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 984.911+/-0.202 χ^2/NDF : 452372.5/29

cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 9.684+/-30.052 χ^2/NDF : 17.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.428+/-29.304 χ^2/NDF : 19.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

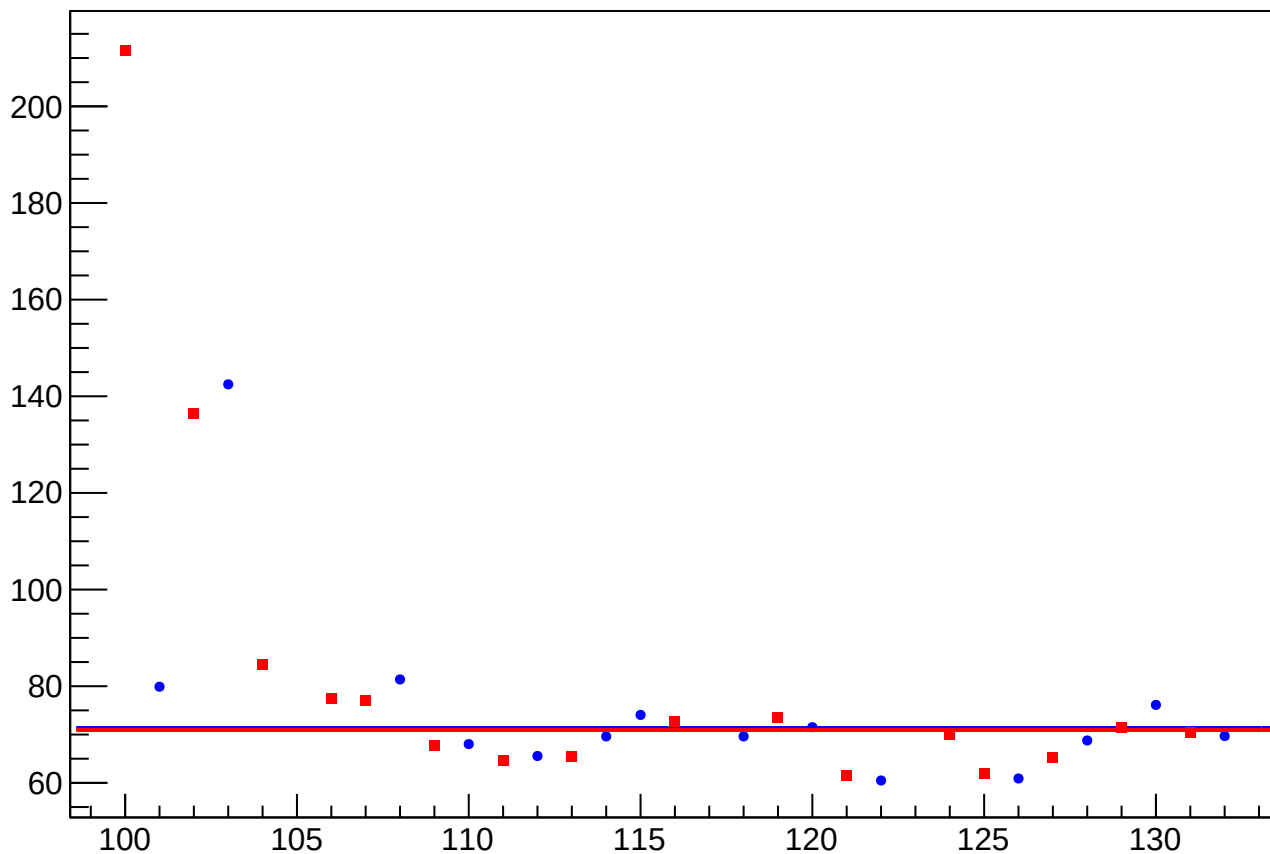
Right: 34.158+/-20.980 χ^2/NDF : 38.2/29

In: 9.684+/-30.052 χ^2/NDF : 17.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.158+/-20.980 χ^2/NDF : 38.2/29

cor_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 71.346+/-0.021 χ^2/NDF : 378377.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 70.933+/-0.021 χ^2/NDF : 439602.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

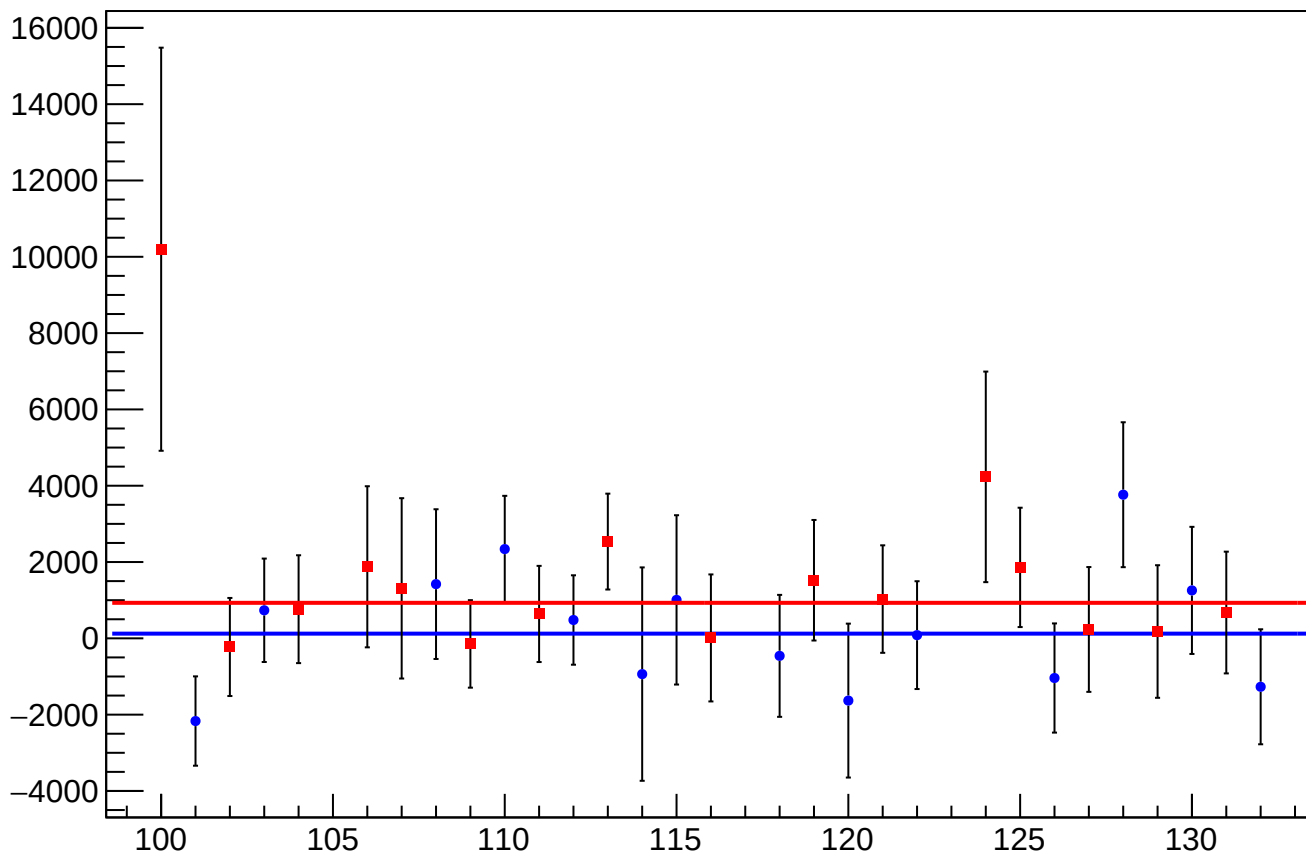
Right: 71.135+/-0.015 χ^2/NDF : 818172.6/29

In: 71.346+/-0.021 χ^2/NDF :378377.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 71.135+/-0.015 χ^2/NDF : 818172.6/29

asym_sam_12345678_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 123.226+/-414.811 χ^2/NDF : 13.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 930.806+/-393.058 χ^2/NDF : 9.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

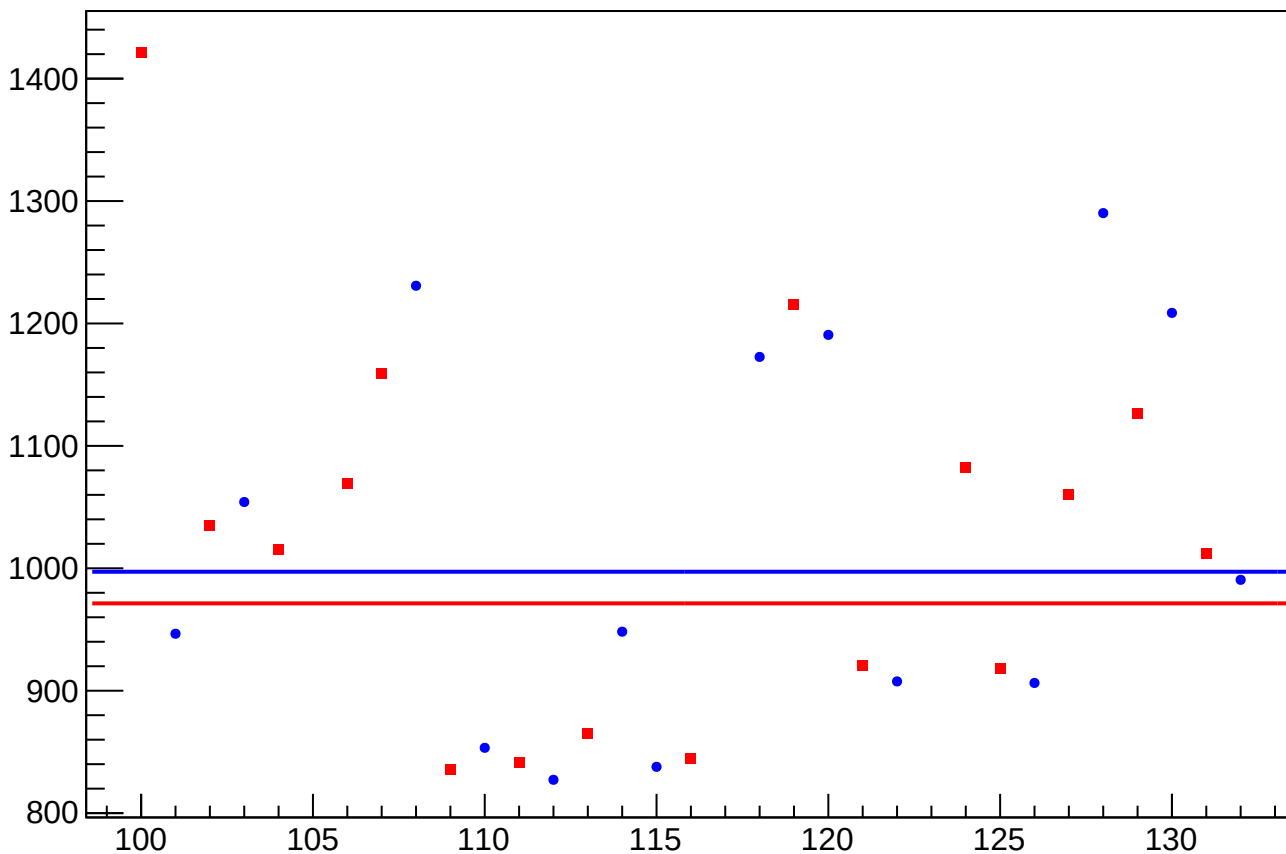
Right: 548.745+/-285.314 χ^2/NDF : 25.3/29

In: 123.226+/-414.811 χ^2/NDF : 13.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 548.745+/-285.314 χ^2/NDF : 25.3/29

asym_sam_12345678_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 997.190+/-0.293 χ^2/NDF : 248376.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 971.355+/-0.278 χ^2/NDF : 192633.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

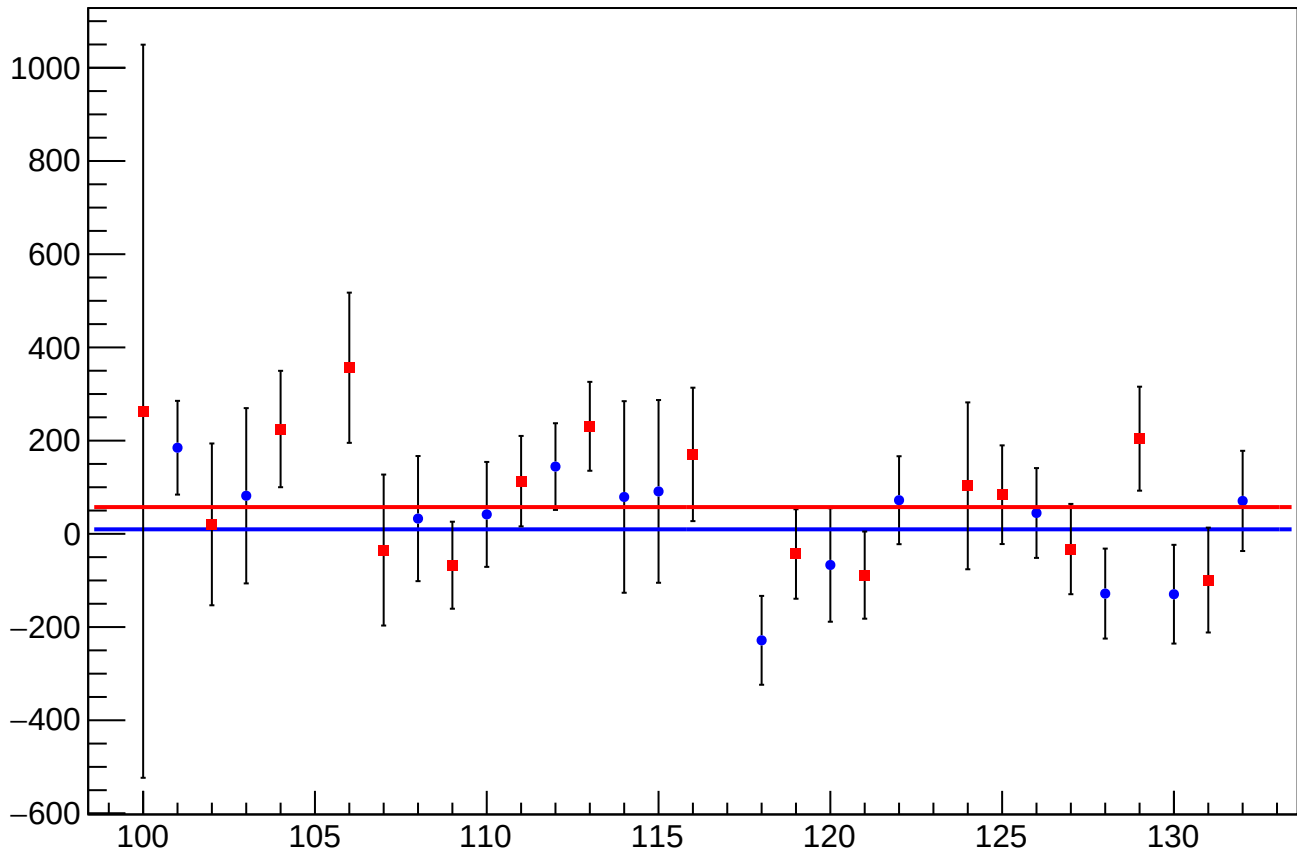
Right: 983.577+/-0.202 χ^2/NDF : 445097.3/29

In: 997.190+/-0.293 χ^2/NDF : 248376.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 983.577+/-0.202 χ^2/NDF : 445097.3/29

eigen_cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 9.684+/-30.052 χ^2/NDF : 17.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.428+/-29.304 χ^2/NDF : 19.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

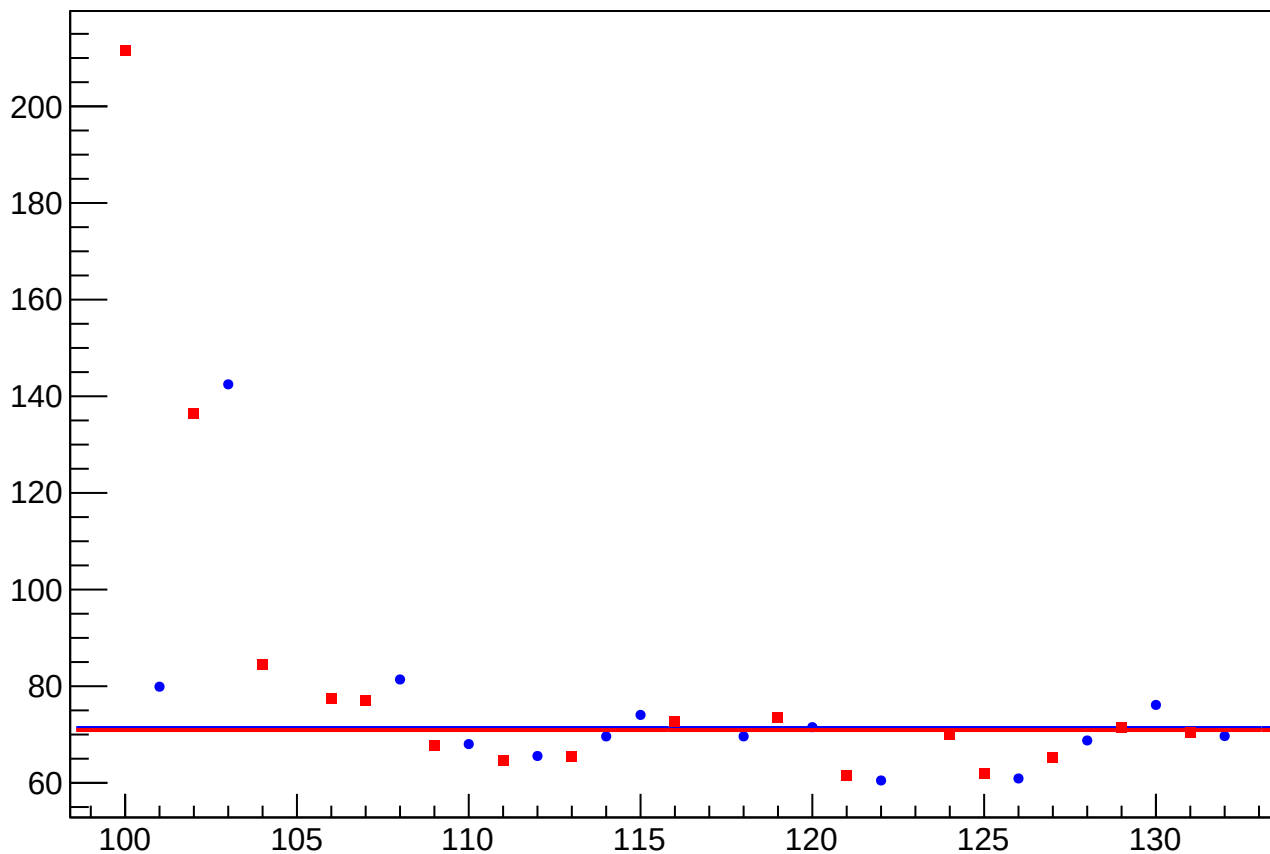
Right: 34.158+/-20.980 χ^2/NDF : 38.2/29

In: 9.684+/-30.052 χ^2/NDF : 17.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.158+/-20.980 χ^2/NDF : 38.2/29

eigen_cor_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 71.346+/-0.021 χ^2/NDF : 378377.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.933+/-0.021 χ^2/NDF : 439602.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

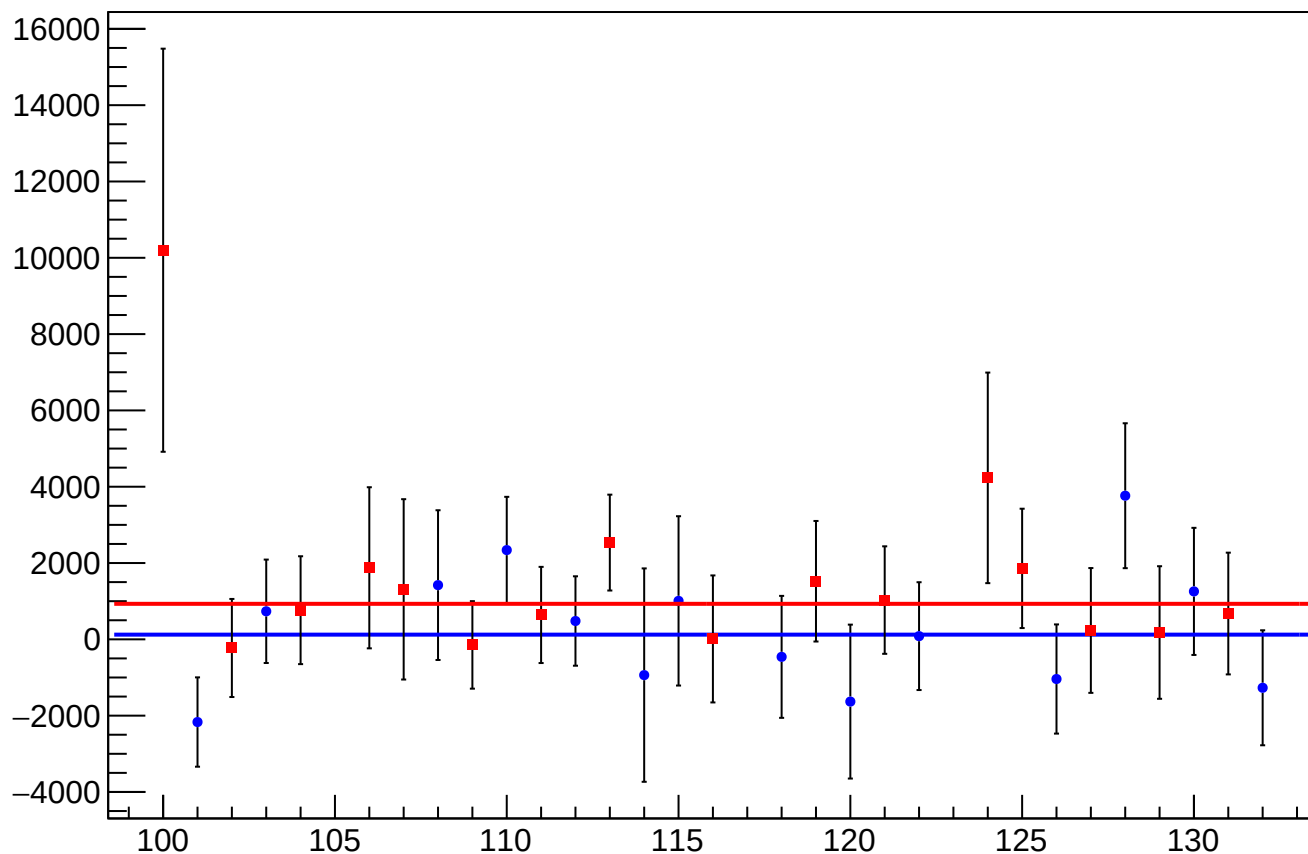
Right: 71.135+/-0.015 χ^2/NDF : 818172.6/29

In: 71.346+/-0.021 χ^2/NDF : 378377.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.135+/-0.015 χ^2/NDF : 818172.6/29

asym_sam_12345678_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 123.226+/-414.811 χ^2/NDF : 13.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 930.806+/-393.058 χ^2/NDF : 9.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

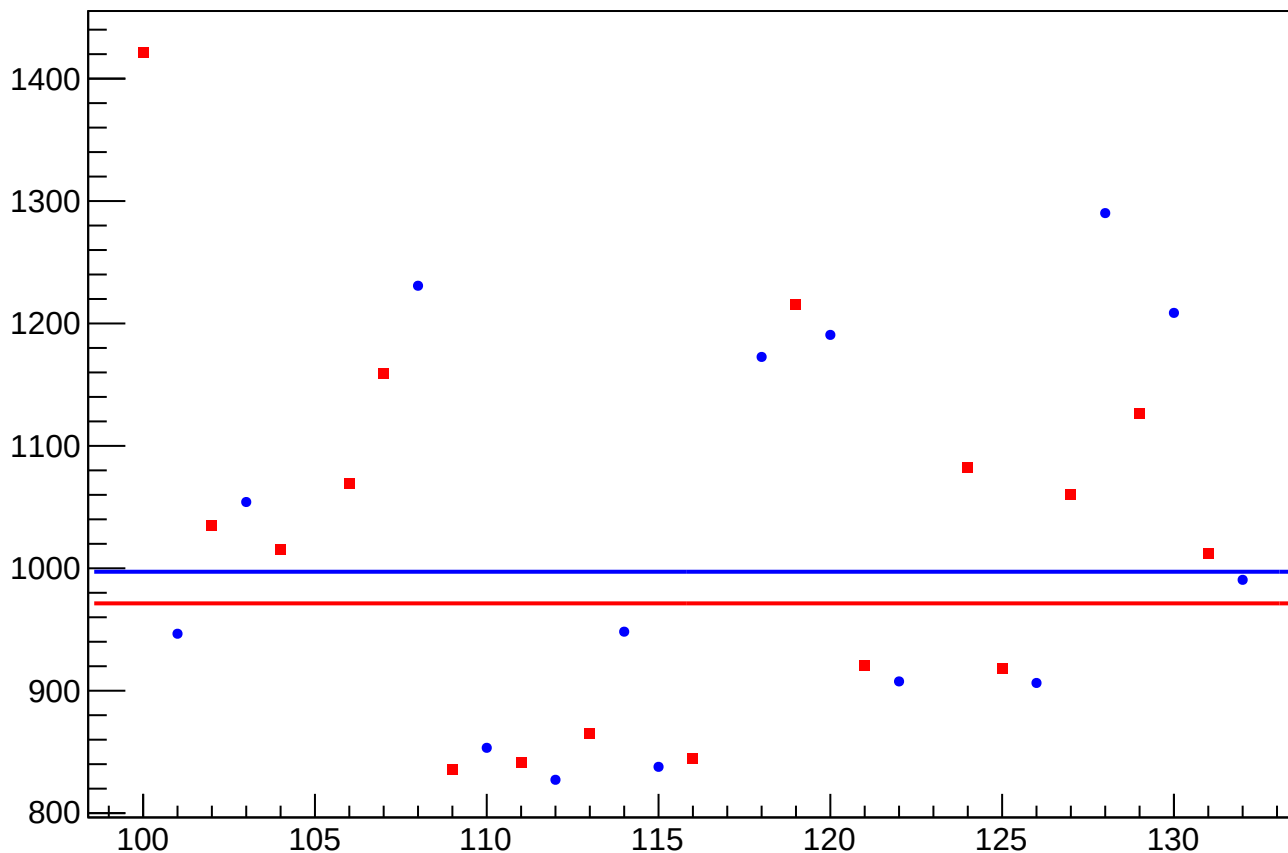
Right: 548.745+/-285.314 χ^2/NDF : 25.3/29

In: 123.226+/-414.811 χ^2/NDF : 13.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 548.745+/-285.314 χ^2/NDF : 25.3/29

asym_sam_12345678_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 997.190+/-0.293 χ^2/NDF : 248376.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 971.355+/-0.278 χ^2/NDF : 192633.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

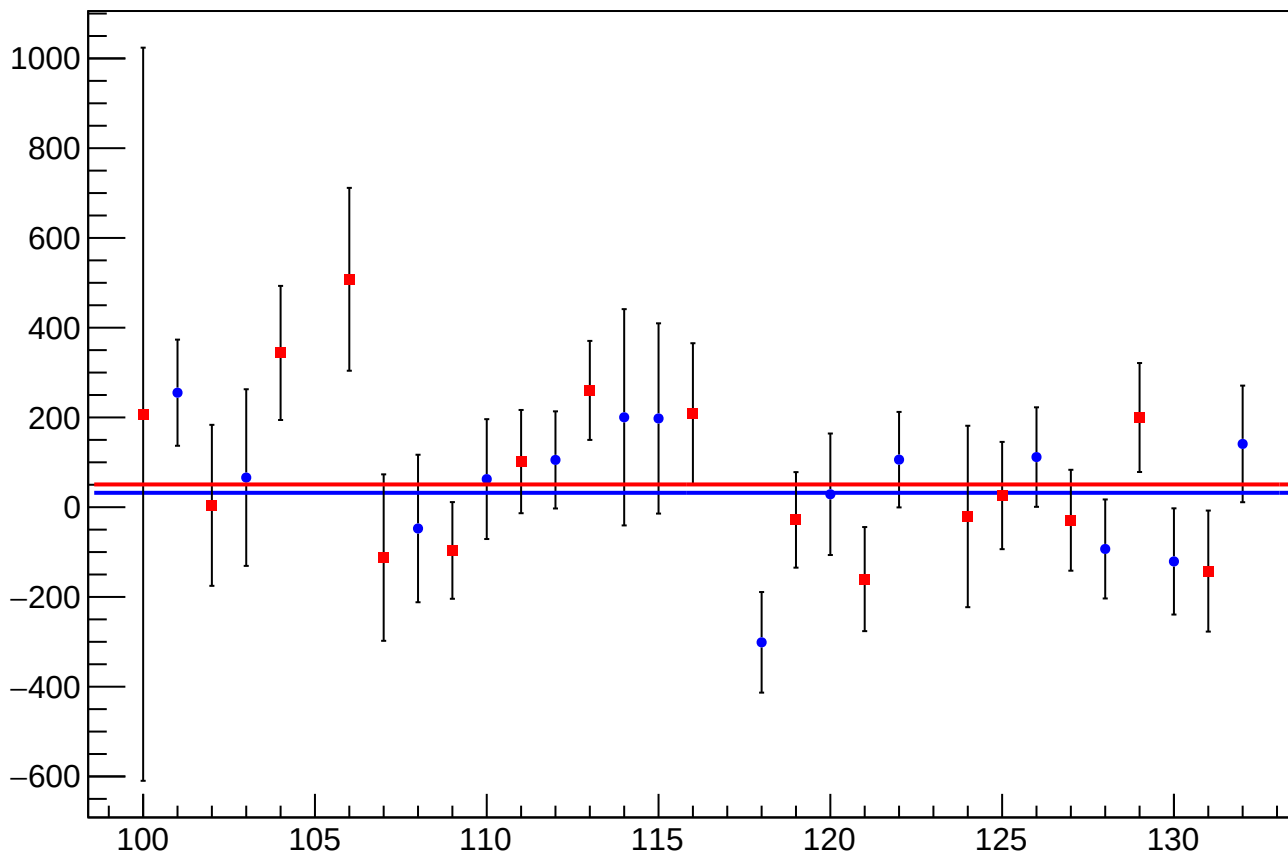
Right: 983.577+/-0.202 χ^2/NDF : 445097.3/29

In: 997.190+/-0.293 χ^2/NDF : 248376.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 983.577+/-0.202 χ^2/NDF : 445097.3/29

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 32.053+/-34.672 χ^2/NDF : 18.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.686+/-33.829 χ^2/NDF : 24.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

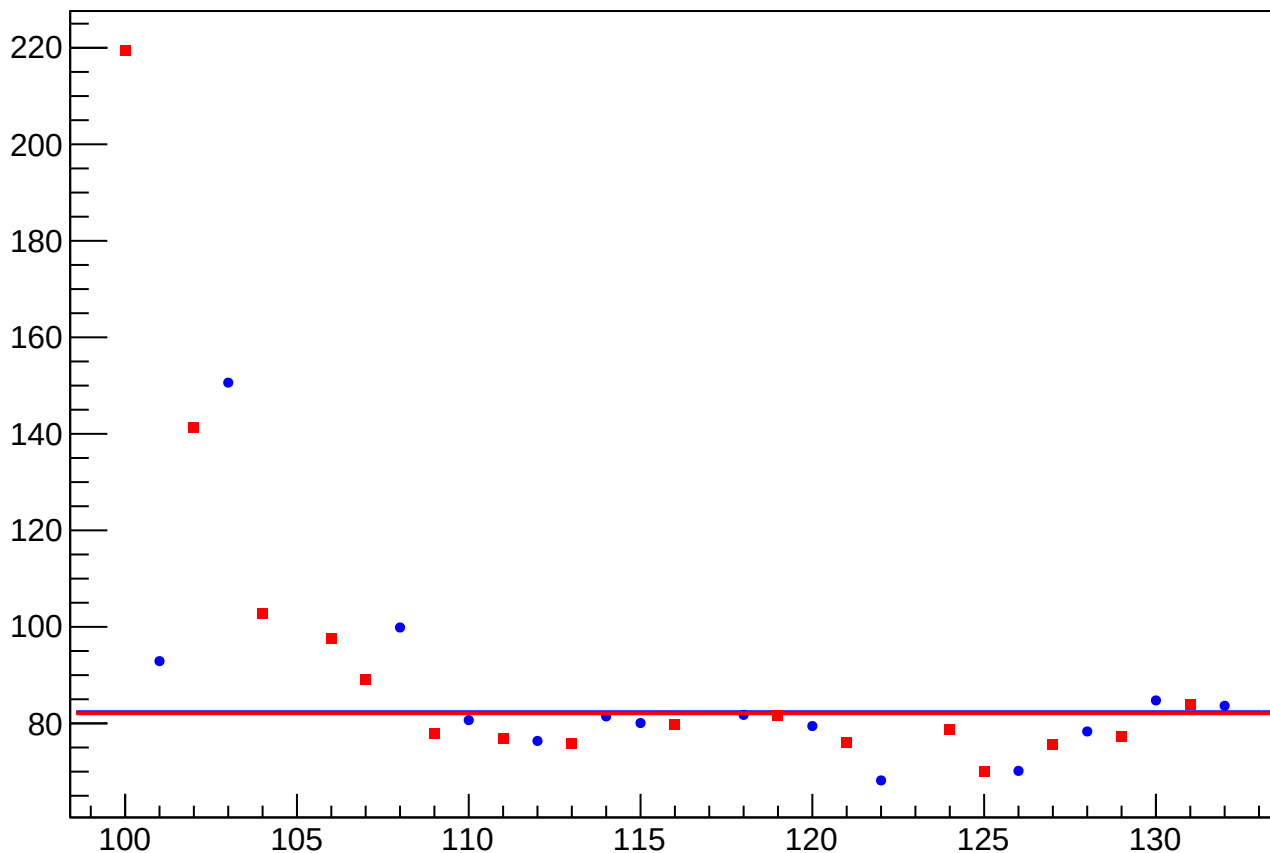
Right: 41.599+/-24.213 χ^2/NDF : 43.6/29

In: 32.053+/-34.672 χ^2/NDF : 18.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.599+/-24.213 χ^2/NDF : 43.6/29

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 82.306+/-0.025 χ^2/NDF : 350261.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.101+/-0.024 χ^2/NDF : 377635.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

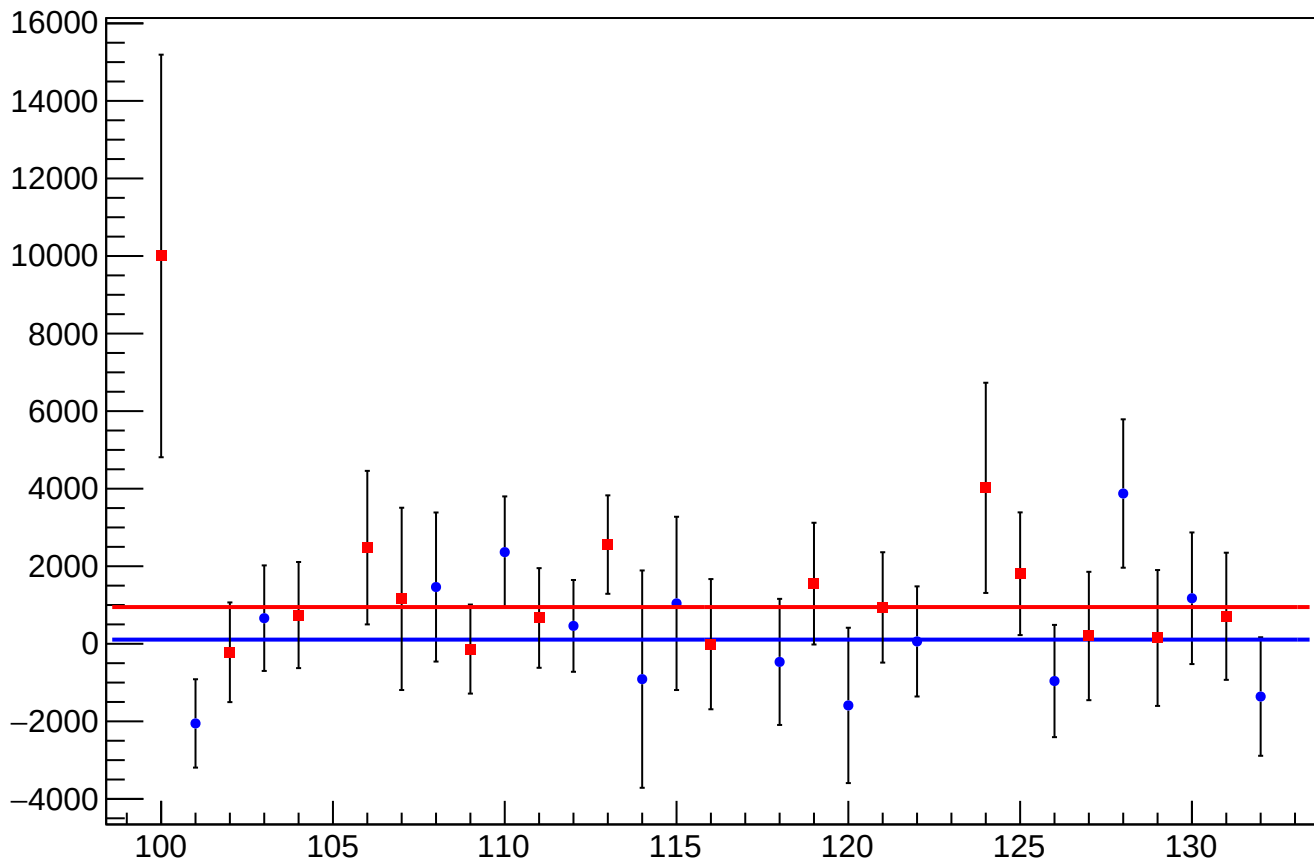
Right: 82.201+/-0.017 χ^2/NDF : 727932.8/29

In: 82.306+/-0.025 χ^2/NDF : 350261.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.201+/-0.017 χ^2/NDF : 727932.8/29

asym_sam_12345678_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 107.942 $\pm$ 416.796 χ^2 /NDF: 13.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 947.294 $\pm$ 393.724 χ^2 /NDF: 9.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

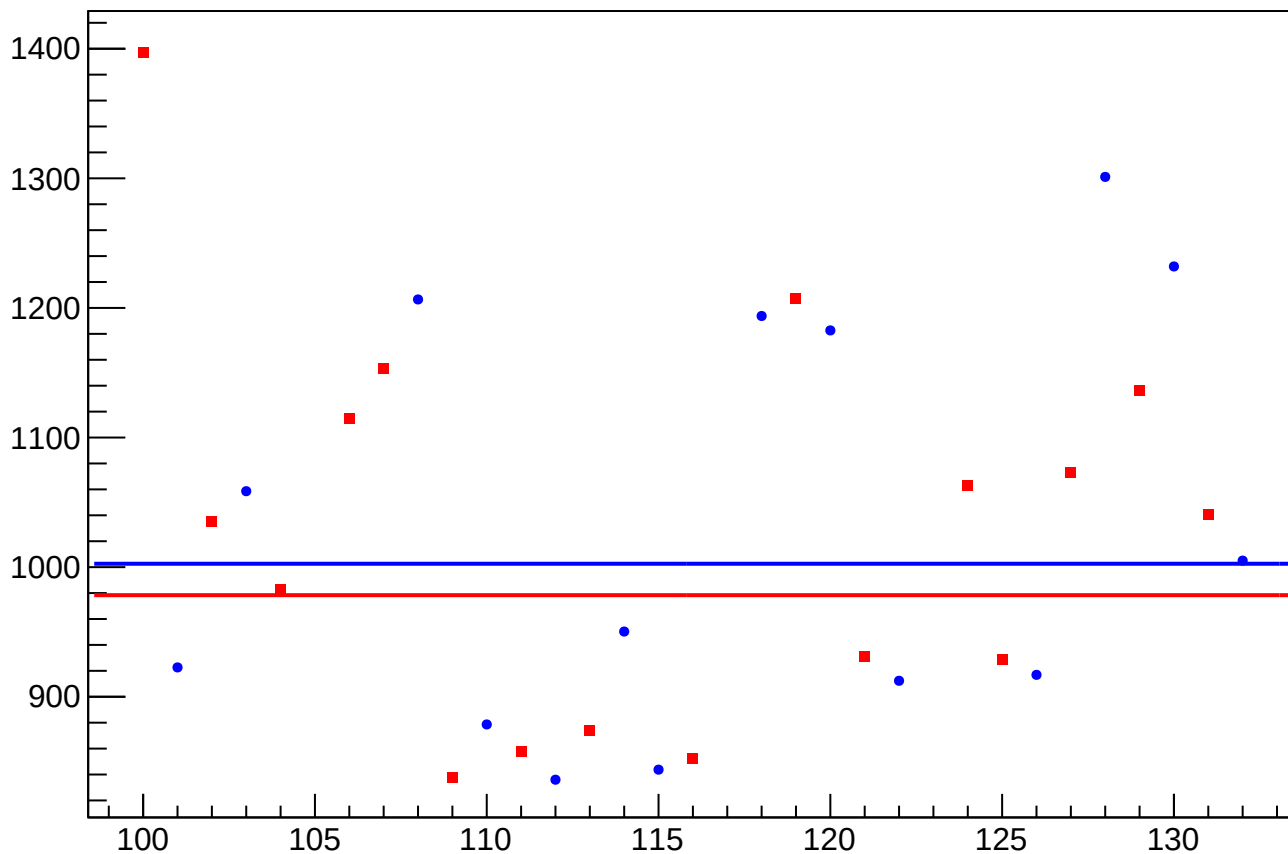
Right: 551.492 $\pm$ 286.214 χ^2 /NDF: 25.4/29

In: 107.942 $\pm$ 416.796 χ^2 /NDF:13.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 551.492 $\pm$ 286.214 χ^2 /NDF: 25.4/29

asym_sam_12345678_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1002.623+/-0.295 χ^2/NDF : 245215.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 978.382+/-0.278 χ^2/NDF : 184287.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

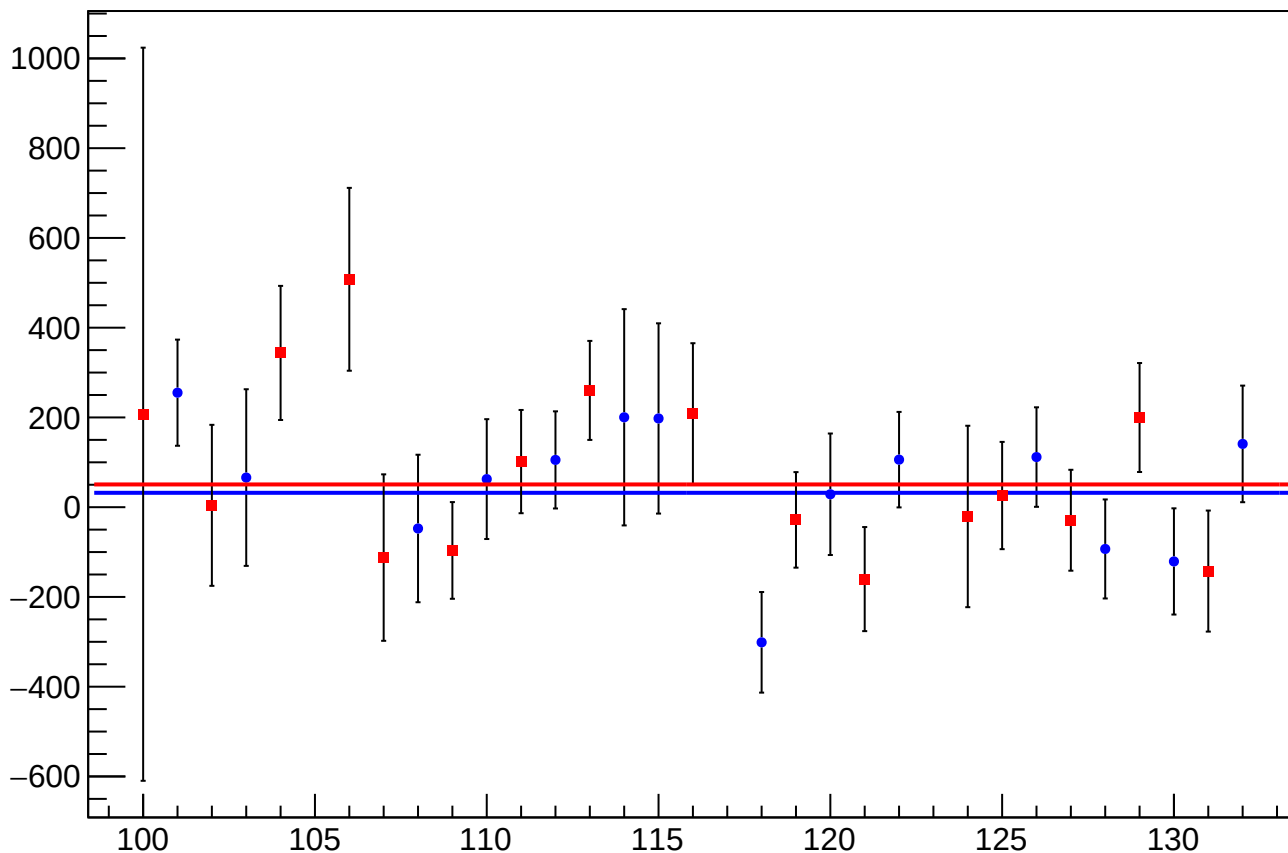
Right: 989.813+/-0.202 χ^2/NDF : 433078.5/29

In: 1002.623+/-0.295 χ^2/NDF : 245215.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 989.813+/-0.202 χ^2/NDF : 433078.5/29

eigen_dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 32.051+/-34.671 χ^2/NDF : 18.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.684+/-33.829 χ^2/NDF : 24.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

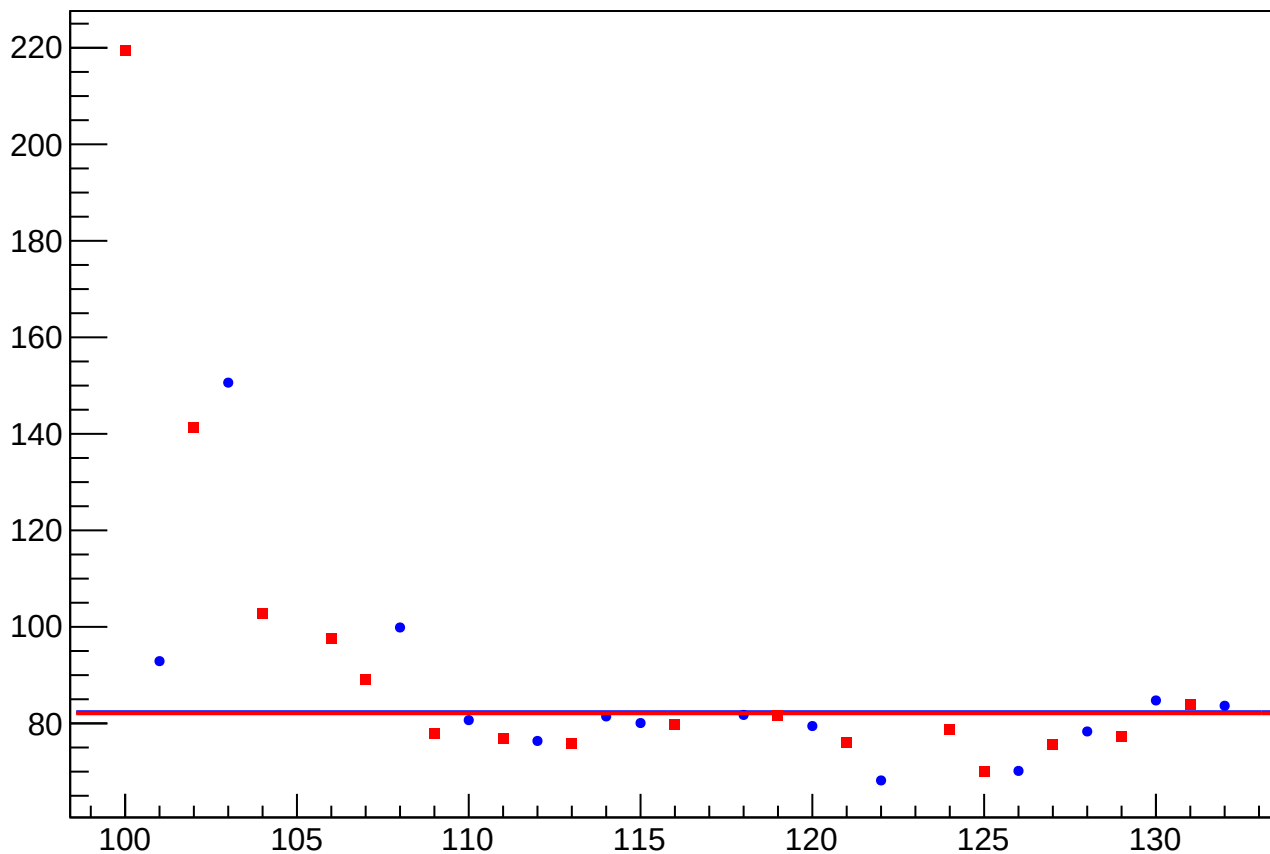
Right: 41.596+/-24.213 χ^2/NDF : 43.6/29

In: 32.051+/-34.671 χ^2/NDF : 18.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.596+/-24.213 χ^2/NDF : 43.6/29

eigen_dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 82.305+/-0.025 χ^2/NDF : 350263.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.100+/-0.024 χ^2/NDF : 377644.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

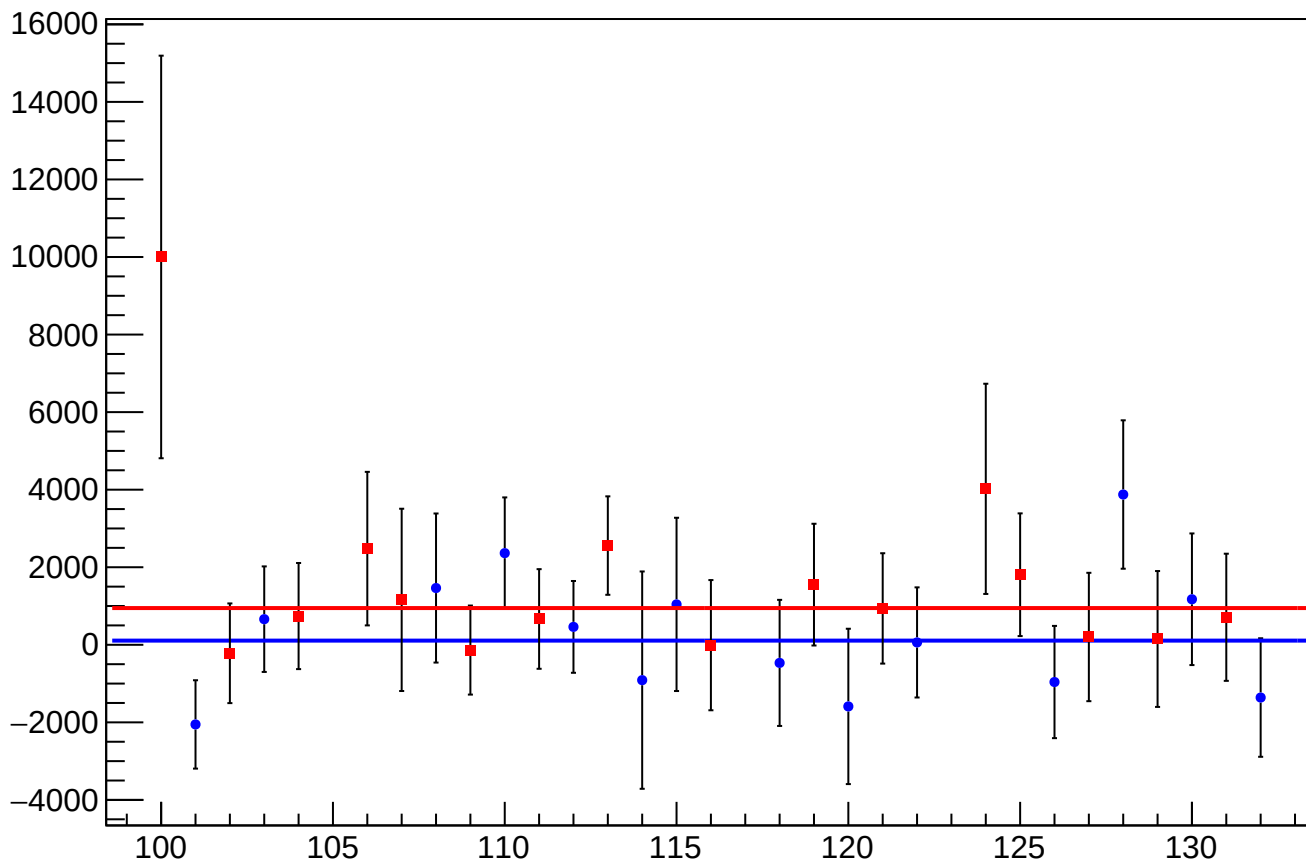
Right: 82.200+/-0.017 χ^2/NDF : 727944.0/29

In: 82.305+/-0.025 χ^2/NDF : 350263.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.200+/-0.017 χ^2/NDF : 727944.0/29

asym_sam_12345678_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 107.943+/-416.795 χ^2/NDF : 13.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 947.292+/-393.723 χ^2/NDF : 9.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

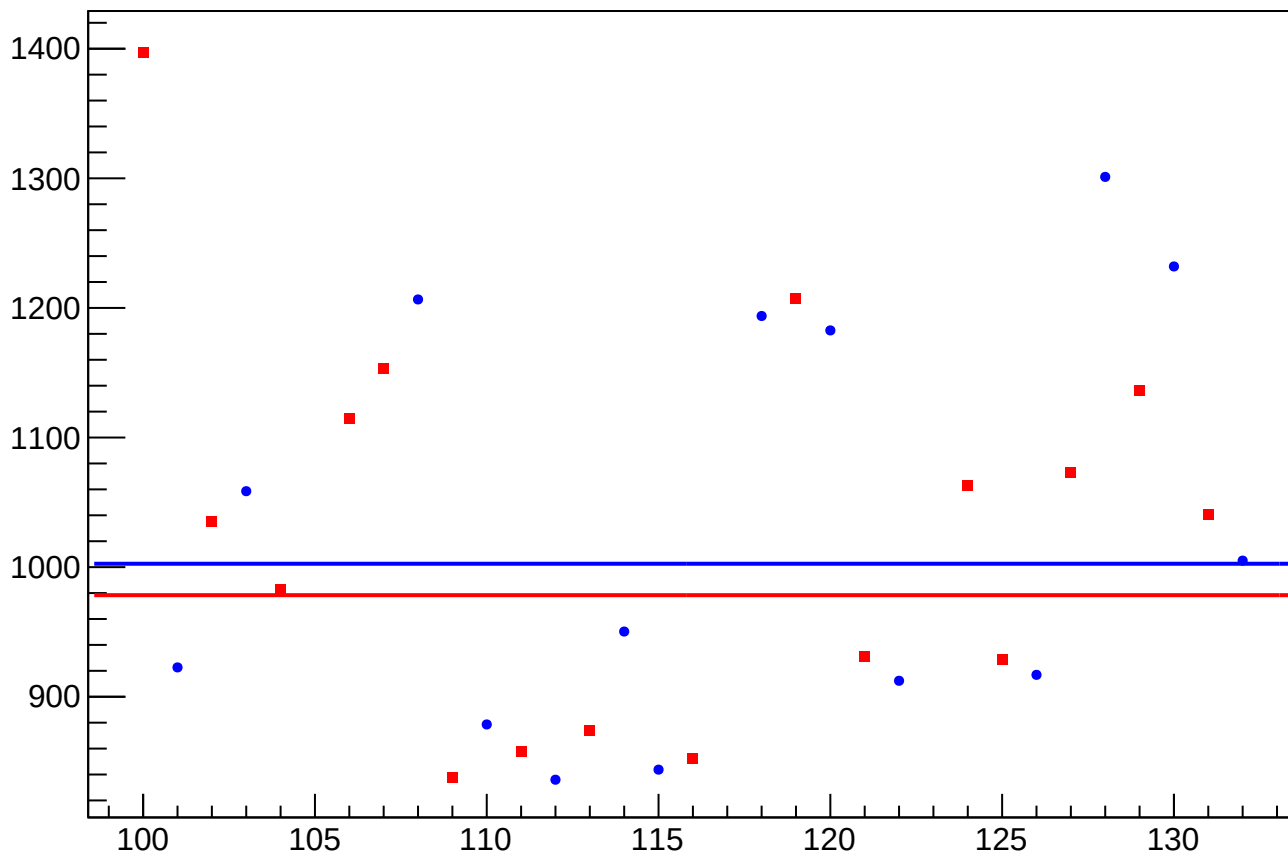
Right: 551.491+/-286.213 χ^2/NDF : 25.4/29

In: 107.943+/-416.795 χ^2/NDF : 13.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 551.491+/-286.213 χ^2/NDF : 25.4/29

asym_sam_12345678_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1002.621+/-0.295 χ^2/NDF : 245218.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 978.379+/-0.278 χ^2/NDF : 184290.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

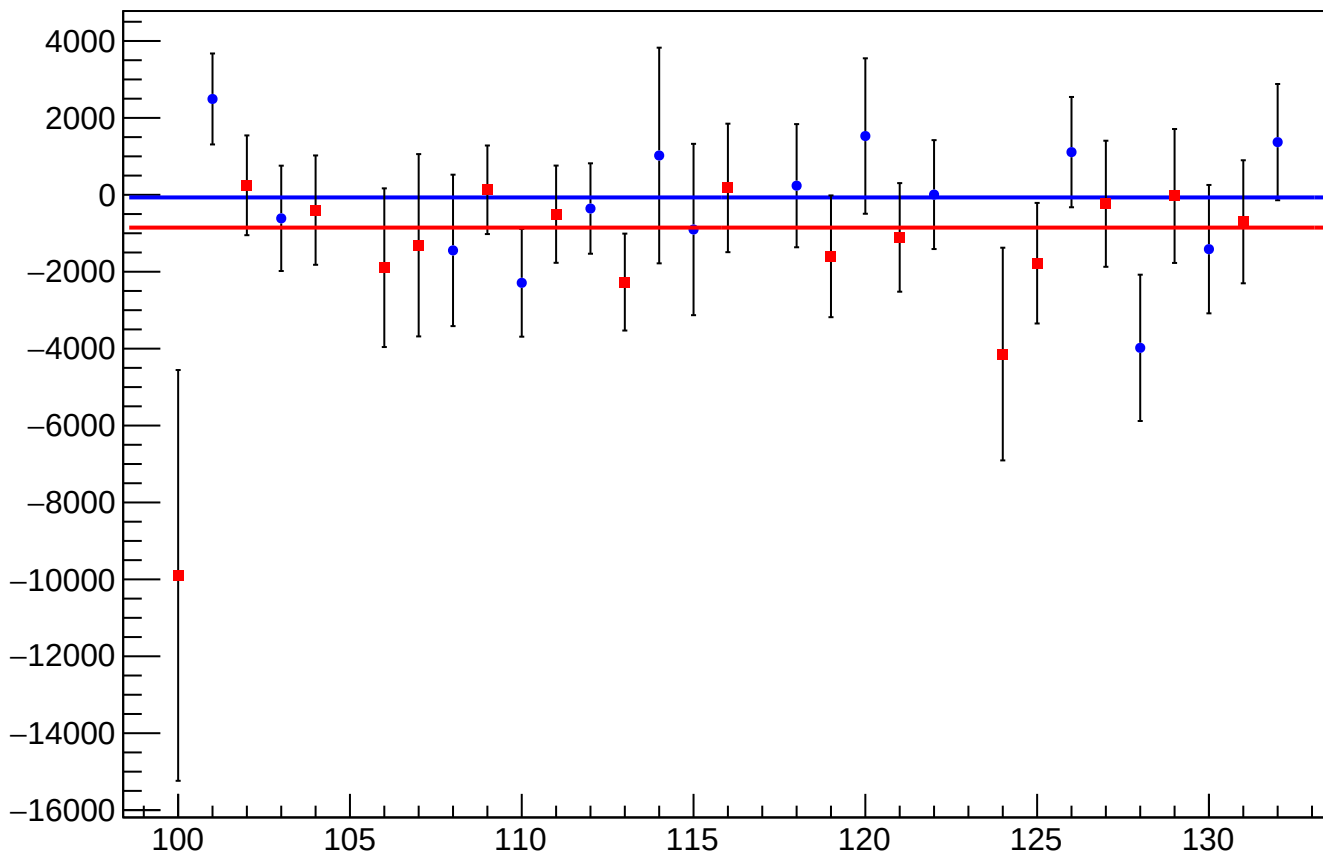
Right: 989.810+/-0.202 χ^2/NDF : 433083.6/29

In: 1002.621+/-0.295 χ^2/NDF : 245218.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 989.810+/-0.202 χ^2/NDF : 433083.6/29

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: -67.976 ± 416.632 χ^2/NDF : 15.3/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -852.460 ± 394.177 χ^2/NDF : 8.8/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

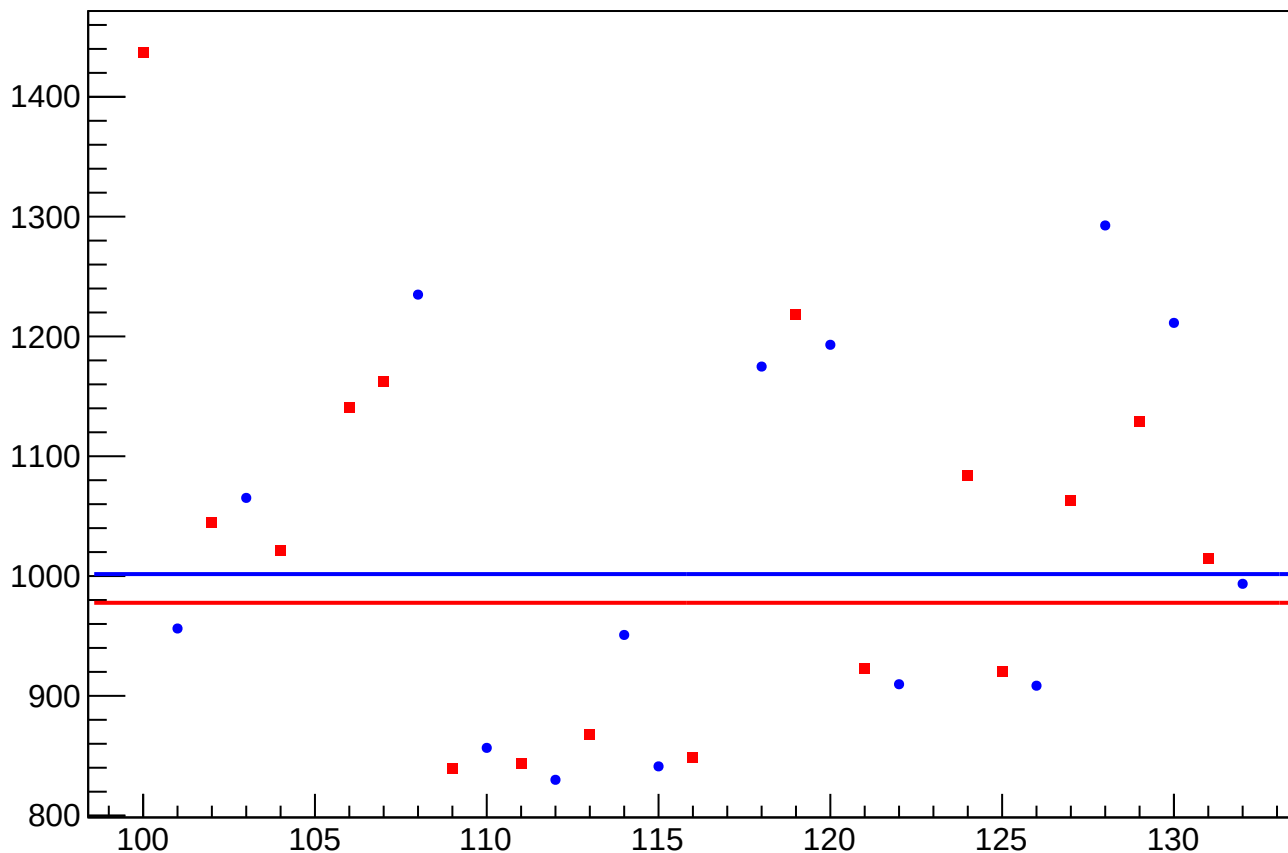
Right: -481.927 ± 286.334 χ^2/NDF : 26.0/29

In: -67.976 ± 416.632 χ^2/NDF : 15.3/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -481.927 ± 286.334 χ^2/NDF : 26.0/29

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 1001.634+/-0.295 χ^2/NDF : 247142.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 977.670+/-0.279 χ^2/NDF : 201636.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

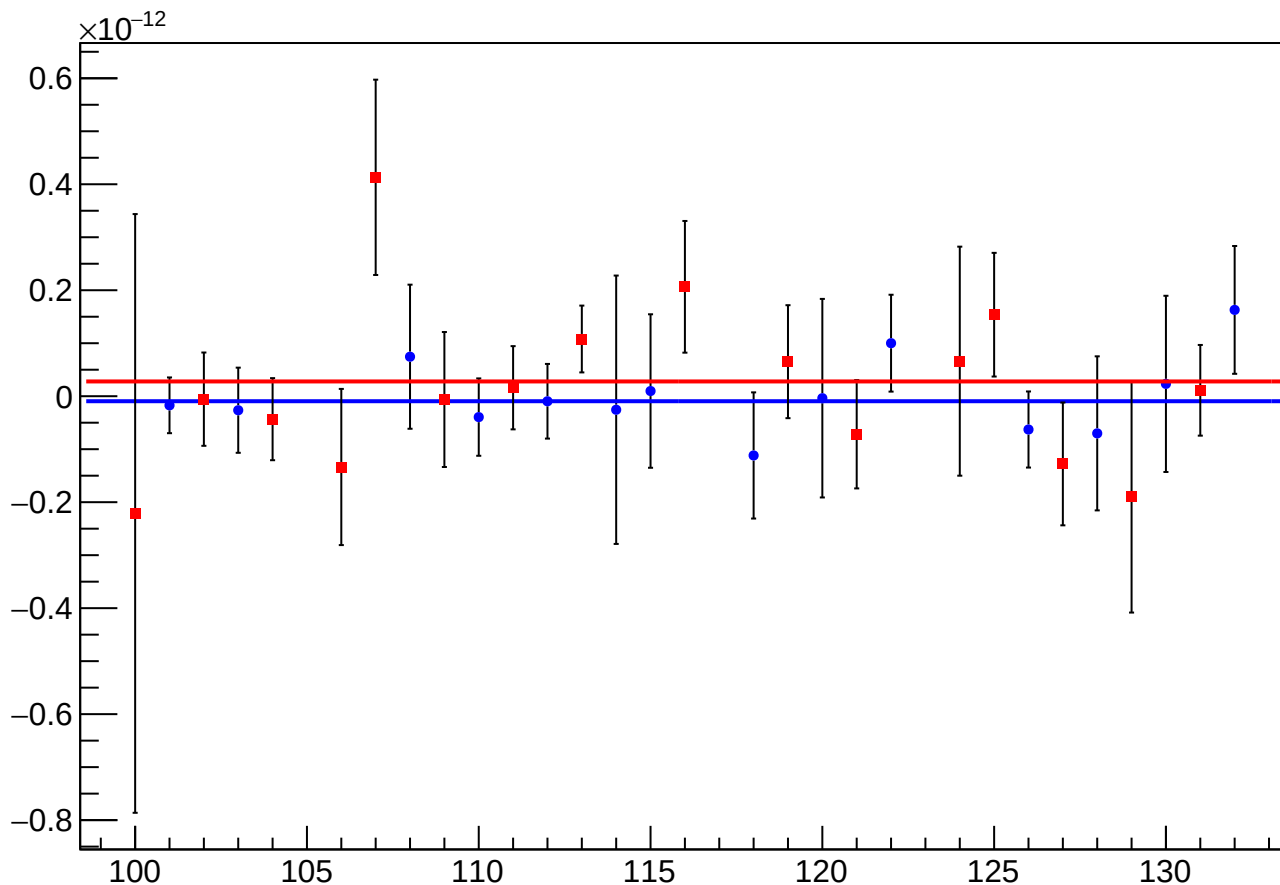
Right: 988.989+/-0.202 χ^2/NDF : 452270.6/29

In: 1001.634+/-0.295 χ^2/NDF : 247142.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 988.989+/-0.202 χ^2/NDF : 452270.6/29

asym_sam_12345678_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

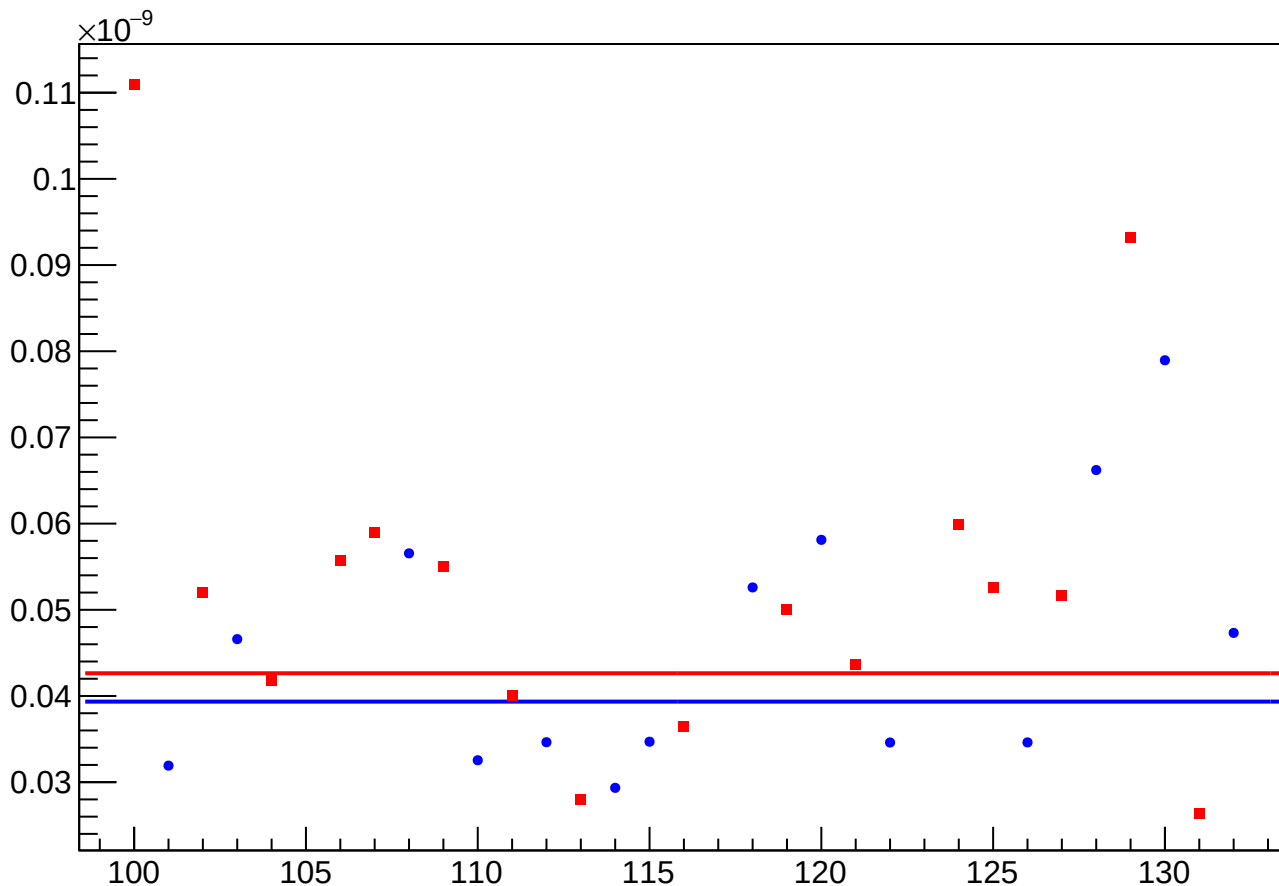
Right: 0.000+/-0.000 χ^2/NDF : 22.3/29

In: -0.000+/-0.000 χ^2/NDF : 5.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.3/29

asym_sam_12345678_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 369163.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 446200.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

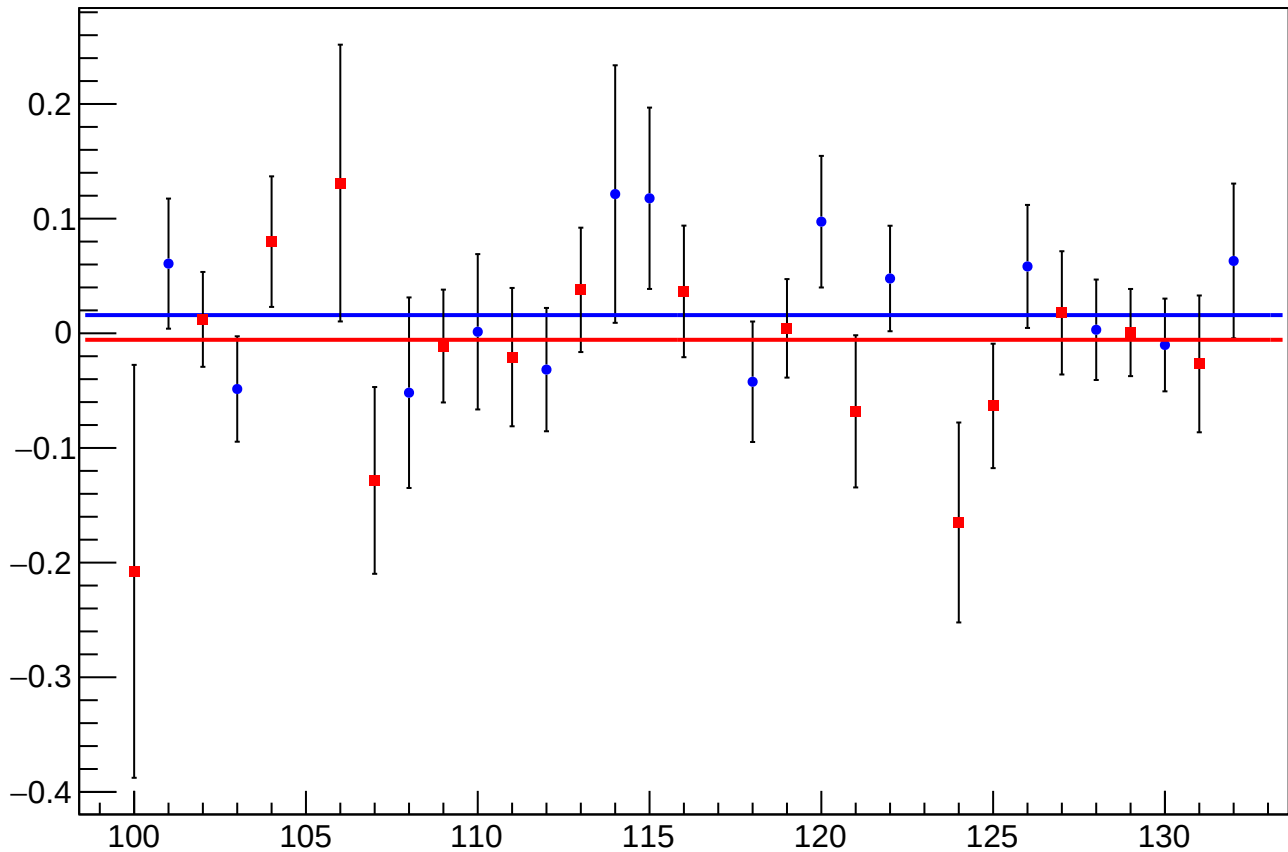
Right: 0.000+/-0.000 χ^2/NDF : 831620.9/29

In: 0.000+/-0.000 χ^2/NDF : 369163.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 831620.9/29

asym_sam_12345678_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.016 $\pm$ 0.015 χ^2 /NDF: 12.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.006 $\pm$ 0.014 χ^2 /NDF: 14.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

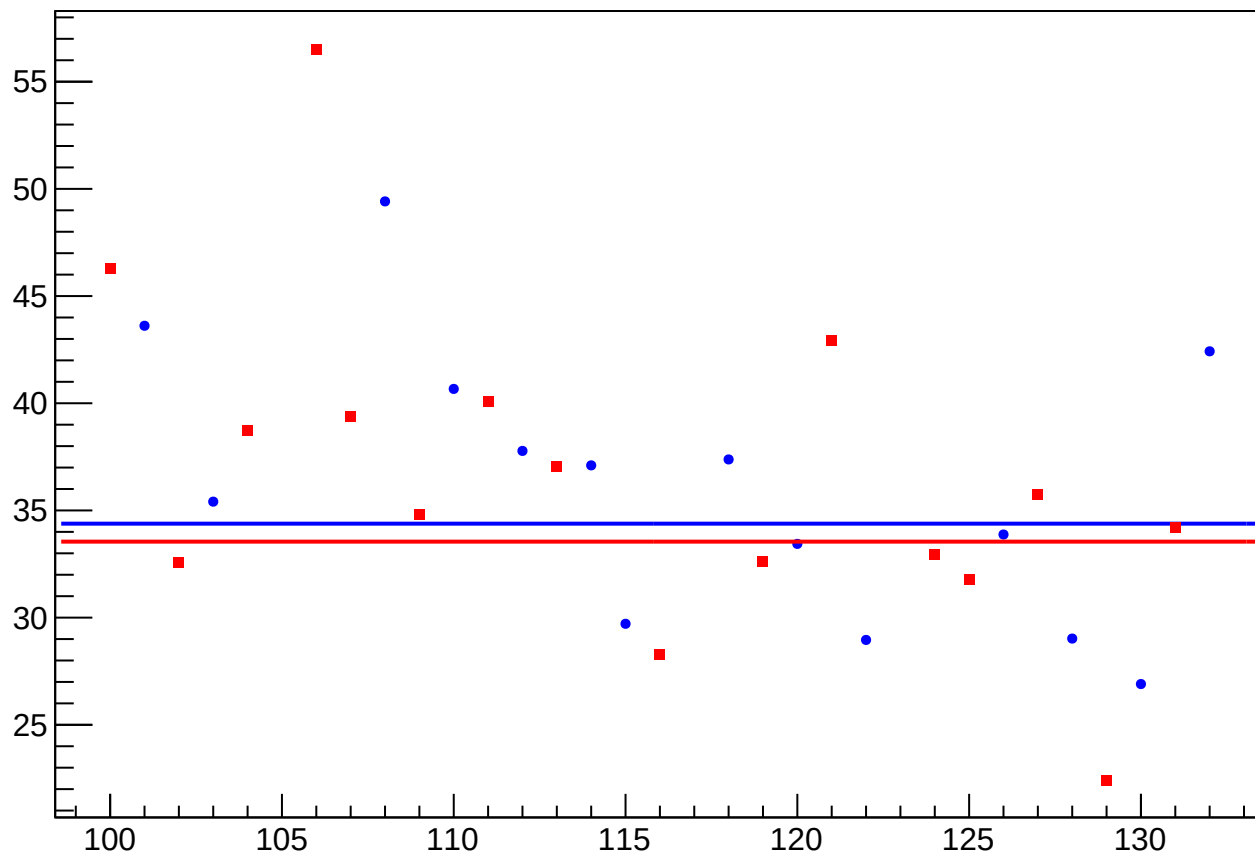
Right: 0.005 $\pm$ 0.010 χ^2 /NDF: 27.3/29

In: 0.016 $\pm$ 0.015 χ^2 /NDF:12.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.005 $\pm$ 0.010 χ^2 /NDF: 27.3/29

asym_sam_12345678_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.383+/-0.010 χ^2/NDF : 314546.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.545+/-0.010 χ^2/NDF : 378787.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

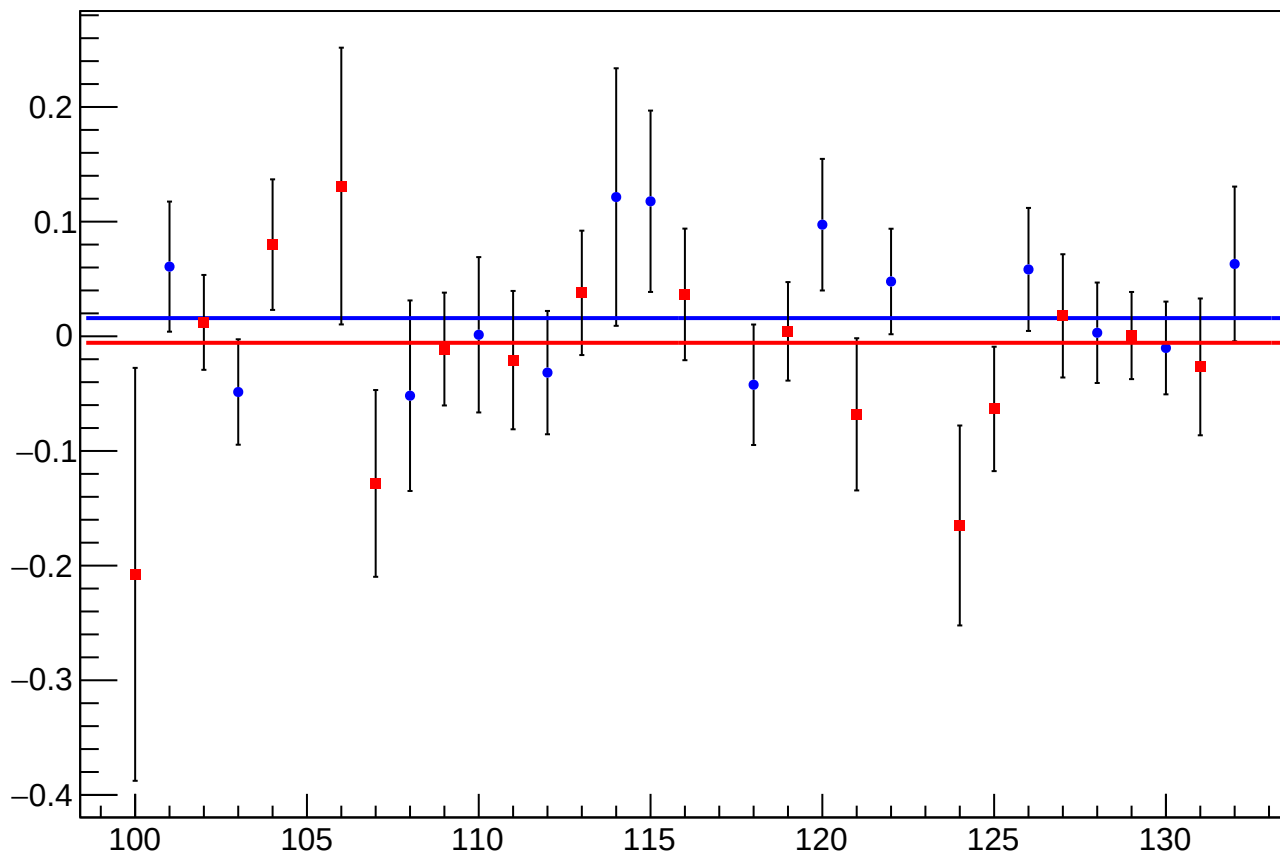
Right: 33.944+/-0.007 χ^2/NDF : 696700.9/29

In: 34.383+/-0.010 χ^2/NDF : 314546.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.944+/-0.007 χ^2/NDF : 696700.9/29

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.016 $\pm$ 0.015 χ^2 /NDF: 12.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.006 $\pm$ 0.014 χ^2 /NDF: 14.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

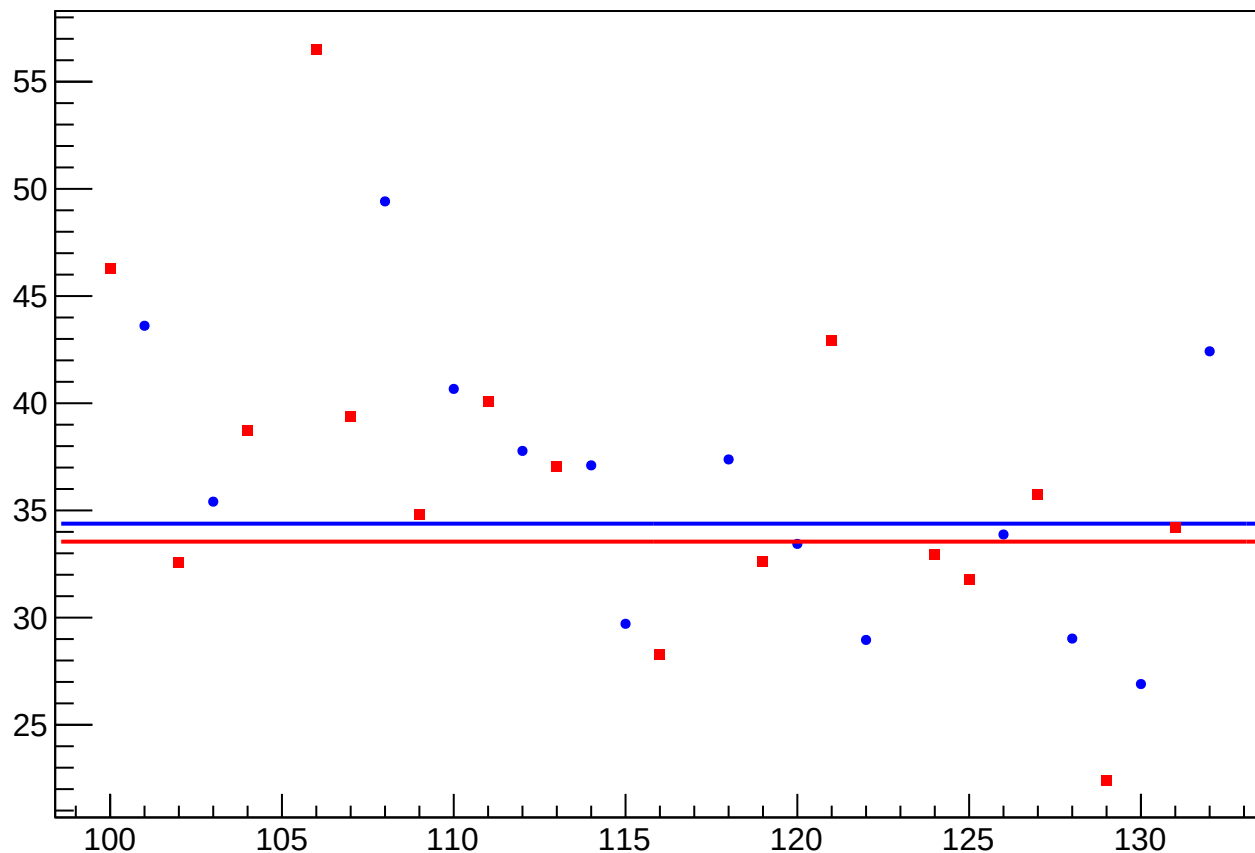
Right: 0.005 $\pm$ 0.010 χ^2 /NDF: 27.3/29

In: 0.016 $\pm$ 0.015 χ^2 /NDF:12.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.005 $\pm$ 0.010 χ^2 /NDF: 27.3/29

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.383+/-0.010 χ^2/NDF : 314546.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 33.545+/-0.010 χ^2/NDF : 378787.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

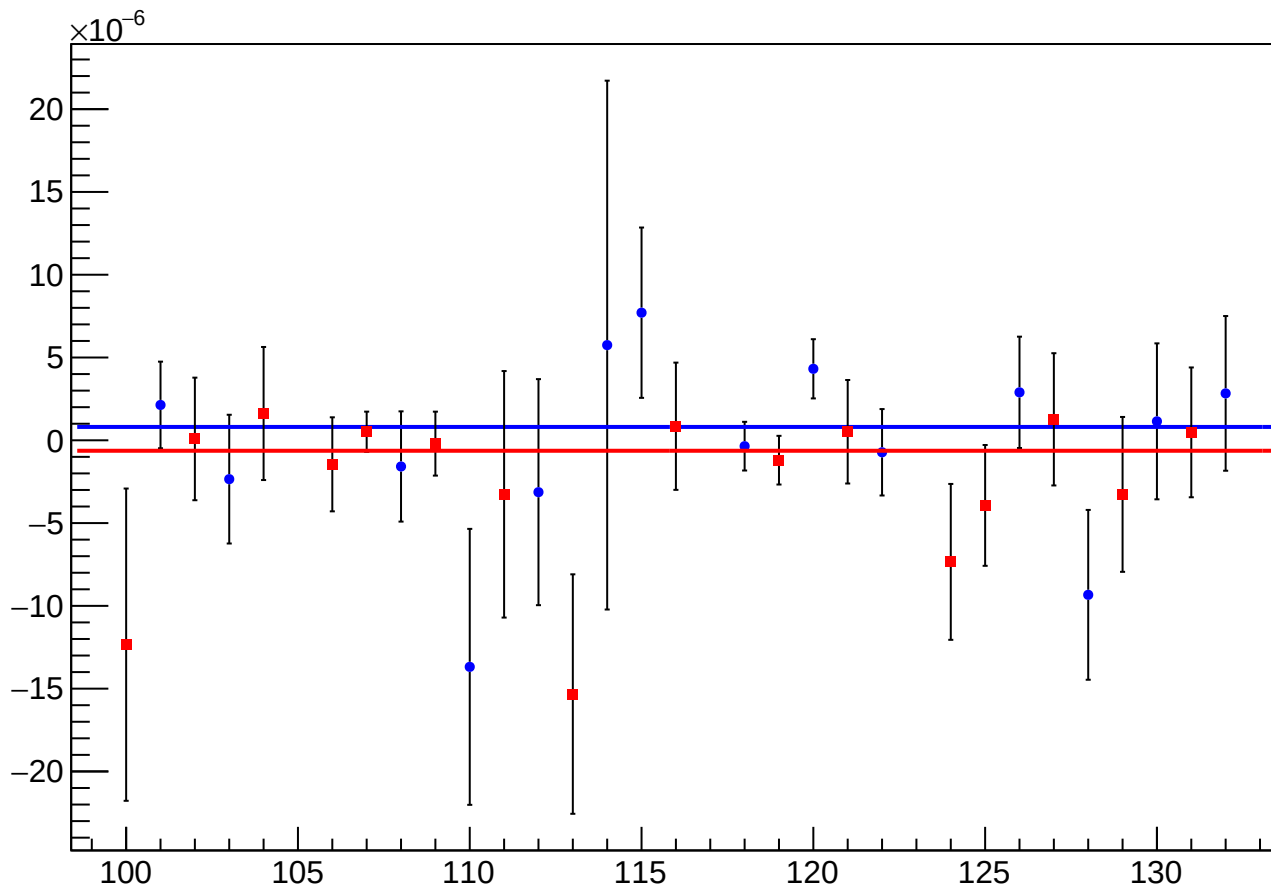
Right: 33.944+/-0.007 χ^2/NDF : 696700.9/29

In: 34.383+/-0.010 χ^2/NDF :314546.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 33.944+/-0.007 χ^2/NDF : 696700.9/29

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 16.0/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 11.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

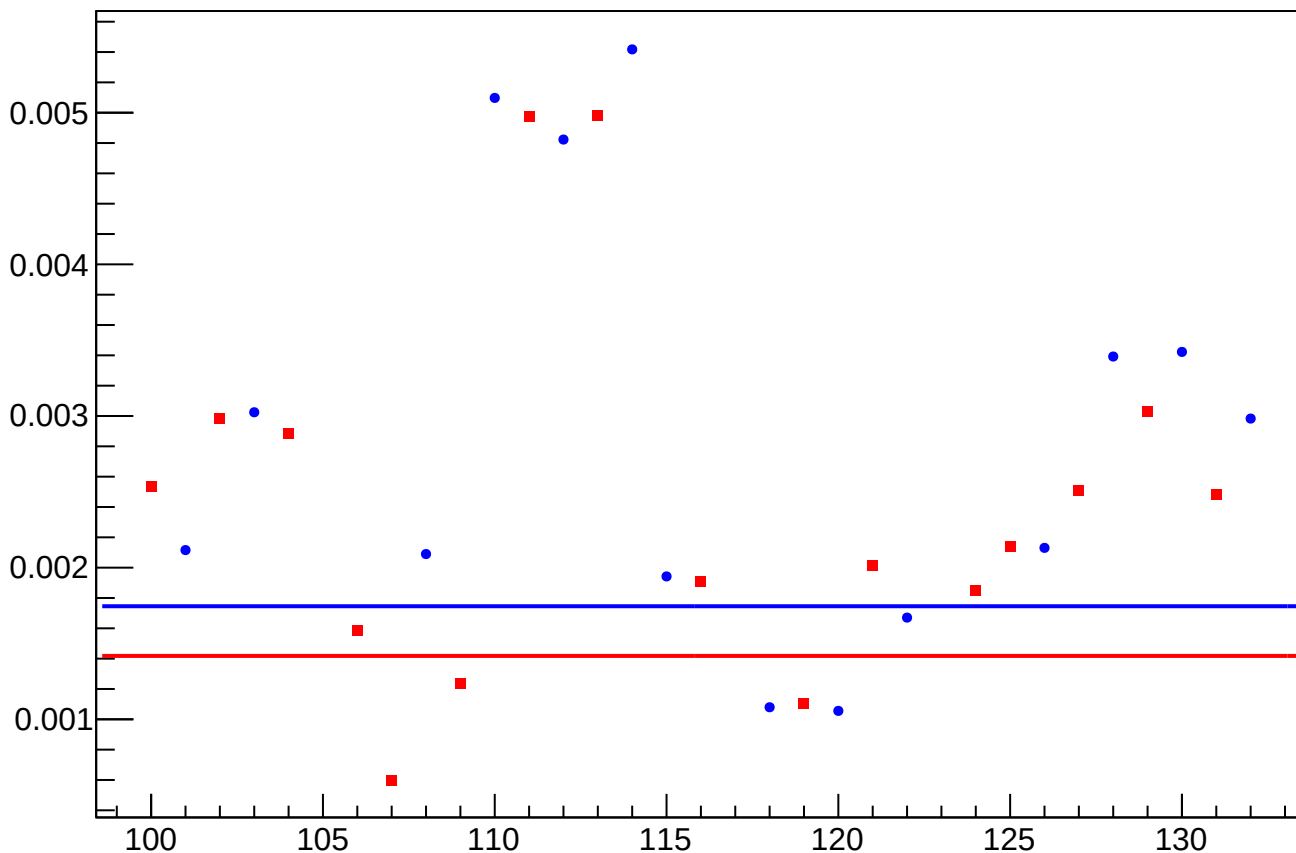
Right: -0.000 ± 0.000 χ^2/NDF : 28.9/29

In: 0.000 ± 0.000 χ^2/NDF : 16.0/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 28.9/29

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2452756.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3361060.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

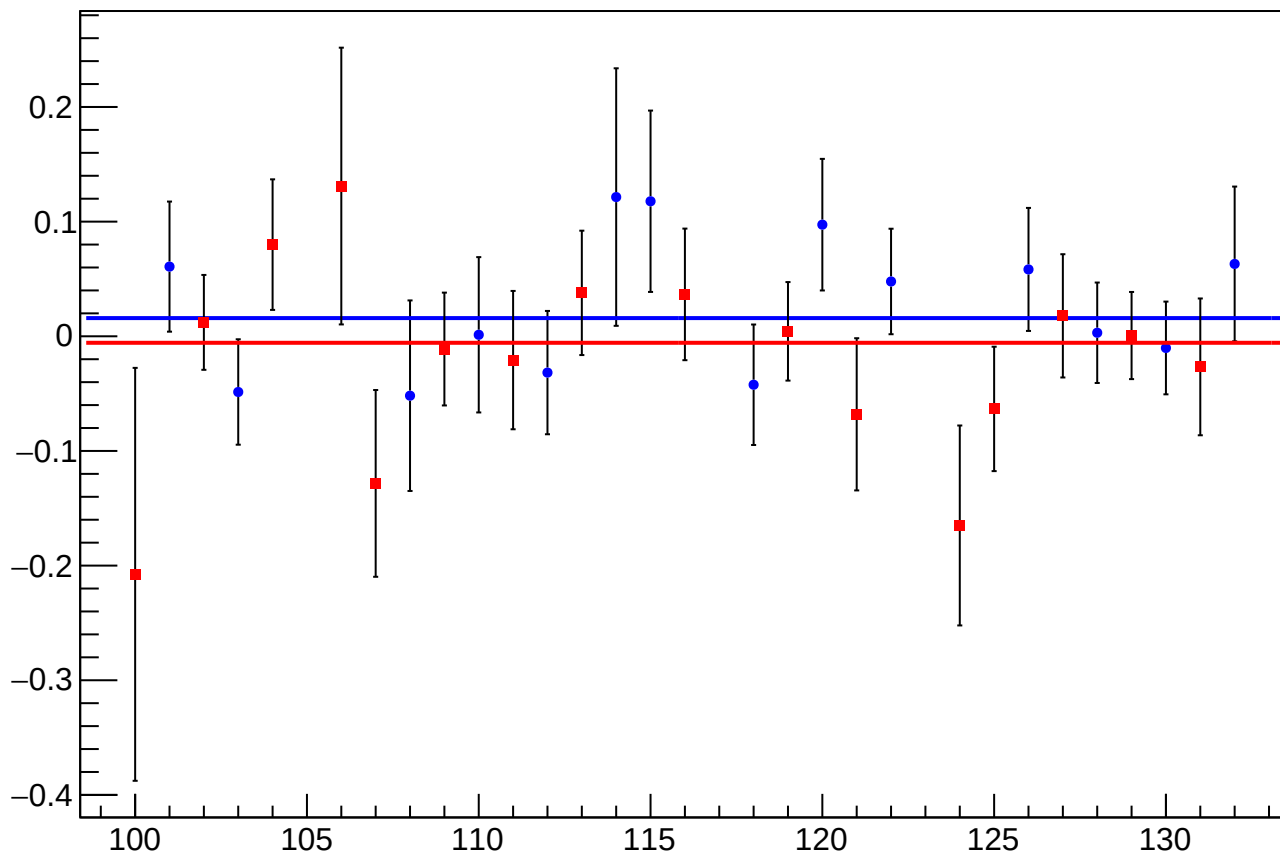
Right: 0.002+/-0.000 χ^2/NDF : 6006058.3/29

In: 0.002+/-0.000 χ^2/NDF :2452756.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6006058.3/29

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.016 $\pm$ 0.015 χ^2 /NDF: 12.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.006 $\pm$ 0.014 χ^2 /NDF: 14.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

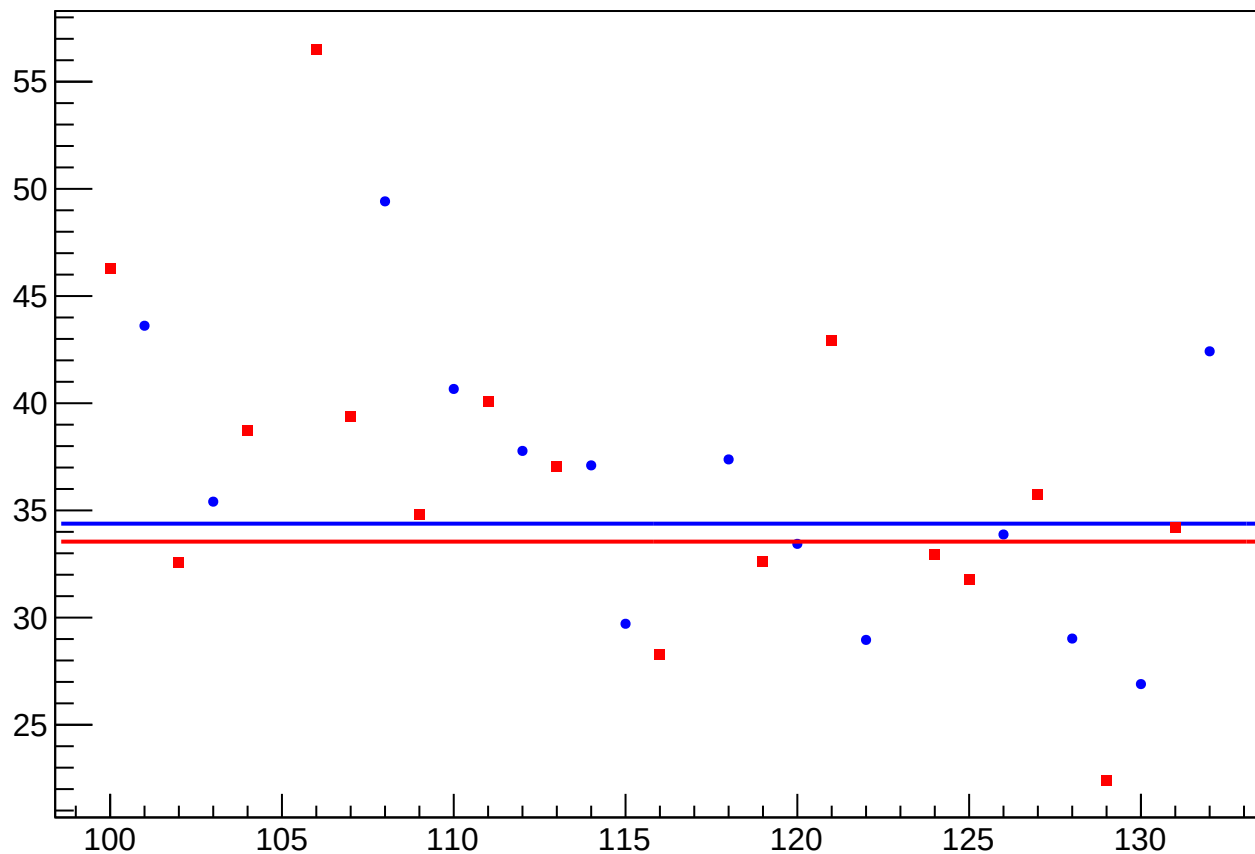
Right: 0.005 $\pm$ 0.010 χ^2 /NDF: 27.3/29

In: 0.016 $\pm$ 0.015 χ^2 /NDF:12.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.005 $\pm$ 0.010 χ^2 /NDF: 27.3/29

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.382+/-0.010 χ^2/NDF : 314607.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.544+/-0.010 χ^2/NDF : 378820.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

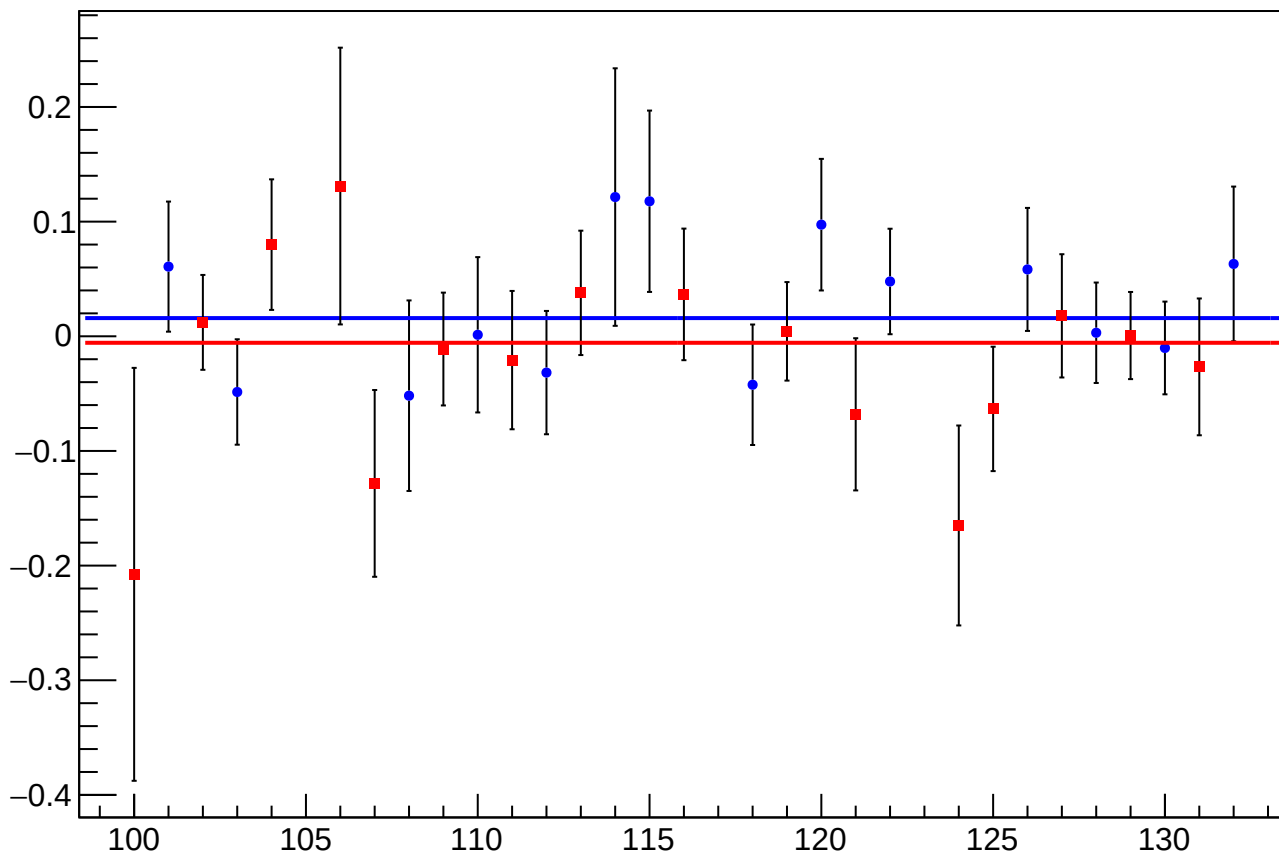
Right: 33.943+/-0.007 χ^2/NDF : 696792.9/29

In: 34.382+/-0.010 χ^2/NDF : 314607.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.943+/-0.007 χ^2/NDF : 696792.9/29

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.016 $\pm$ 0.015 χ^2 /NDF: 12.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.006 $\pm$ 0.014 χ^2 /NDF: 14.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

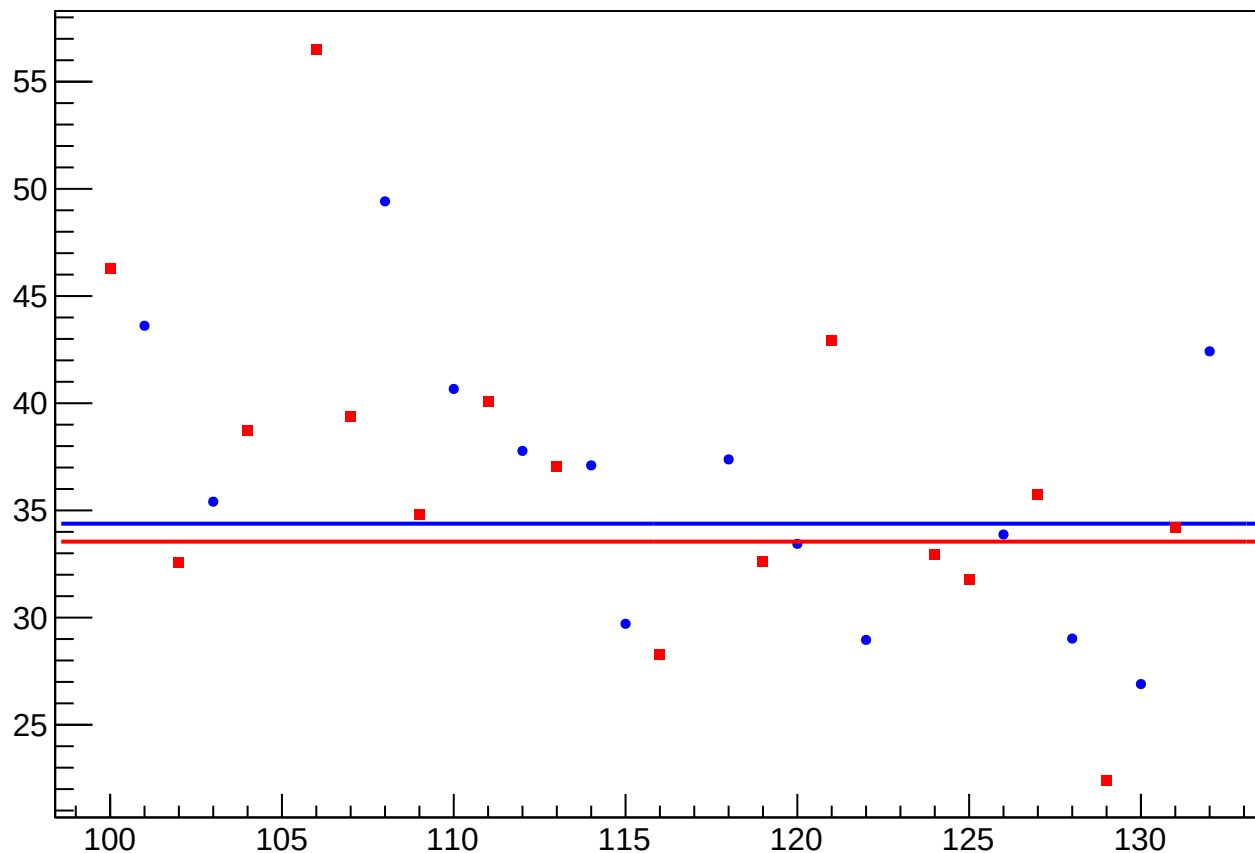
Right: 0.005 $\pm$ 0.010 χ^2 /NDF: 27.3/29

In: 0.016 $\pm$ 0.015 χ^2 /NDF:12.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.005 $\pm$ 0.010 χ^2 /NDF: 27.3/29

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.382+/-0.010 χ^2/NDF : 314607.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.544+/-0.010 χ^2/NDF : 378820.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

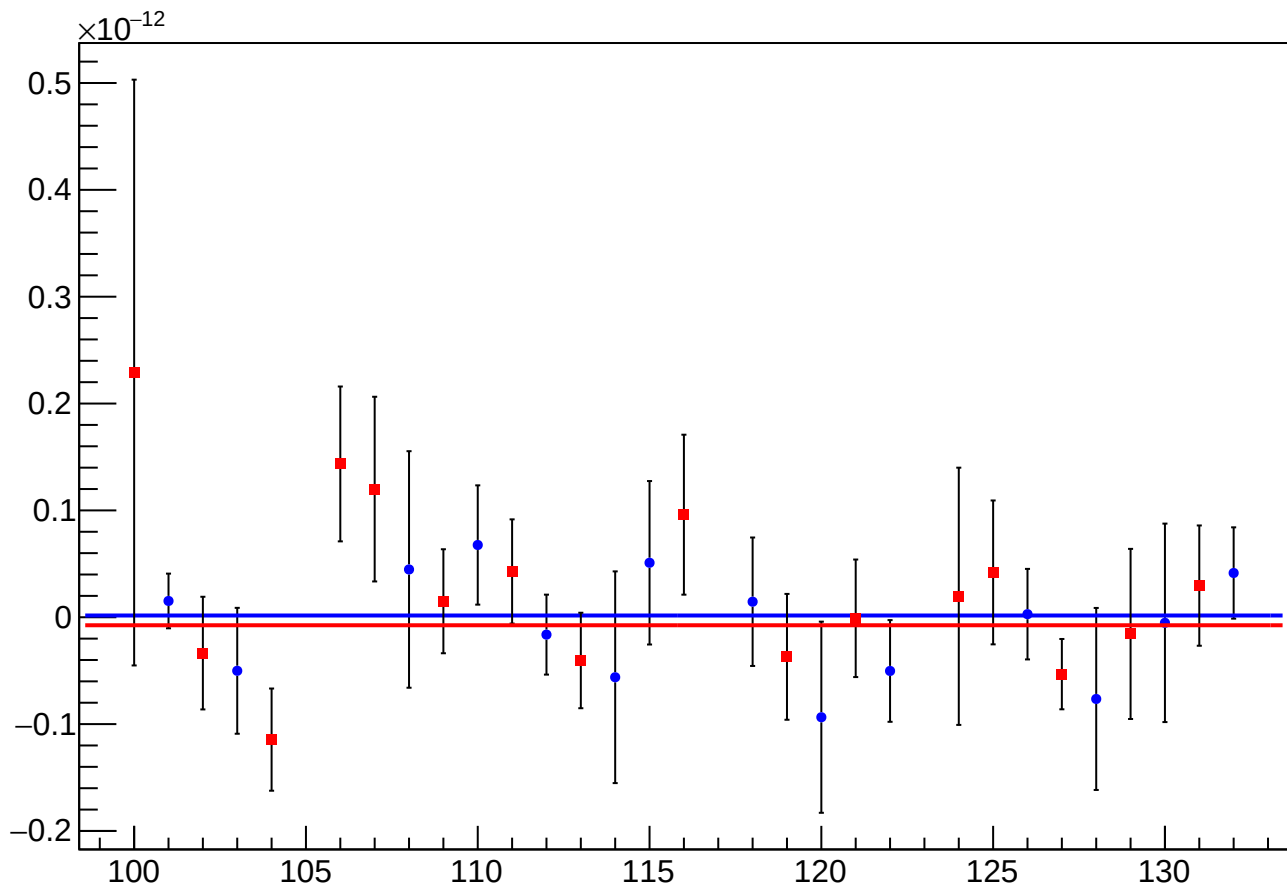
Right: 33.943+/-0.007 χ^2/NDF : 696792.9/29

In: 34.382+/-0.010 χ^2/NDF : 314607.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.943+/-0.007 χ^2/NDF : 696792.9/29

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 19.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

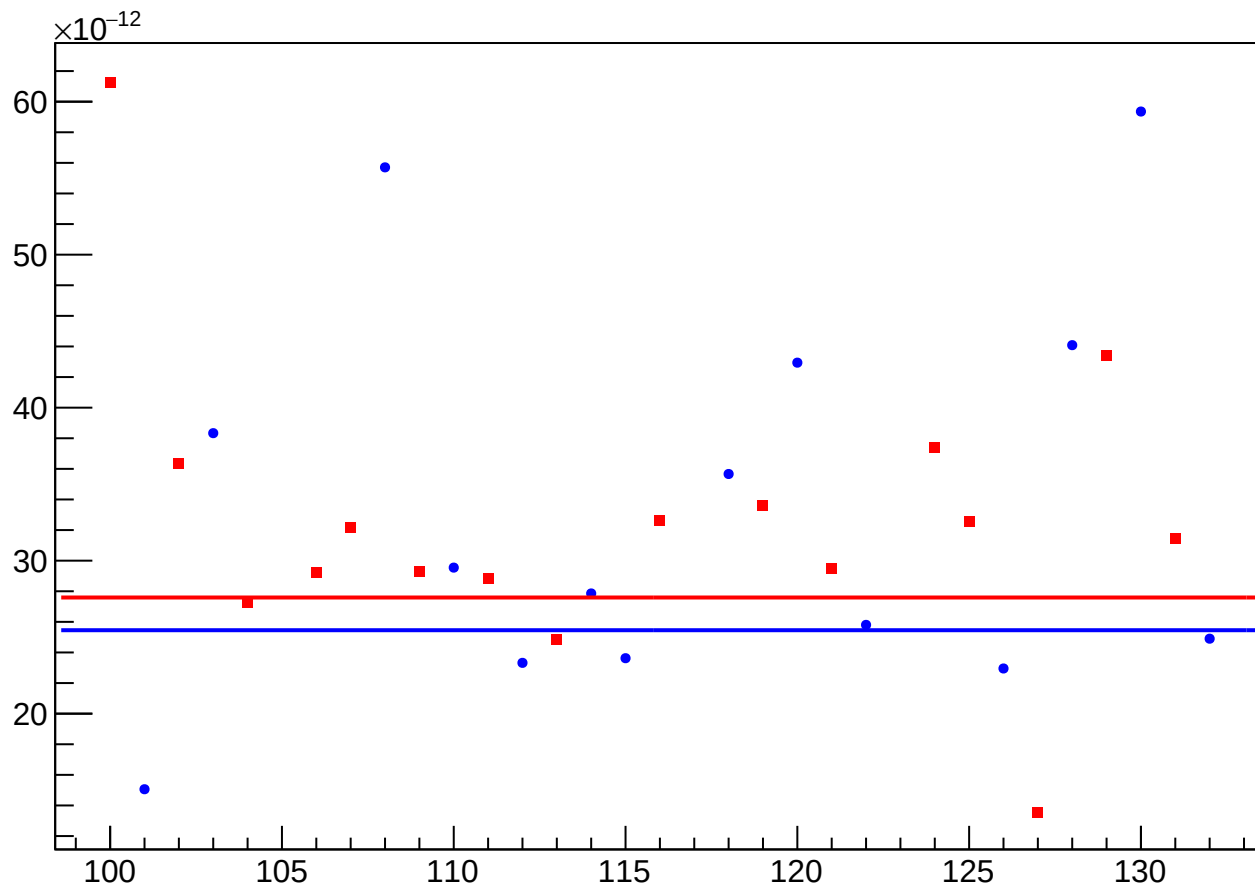
Right: -0.000+/-0.000 χ^2/NDF : 27.4/29

In: 0.000+/-0.000 χ^2/NDF : 7.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.4/29

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1098247.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 612847.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

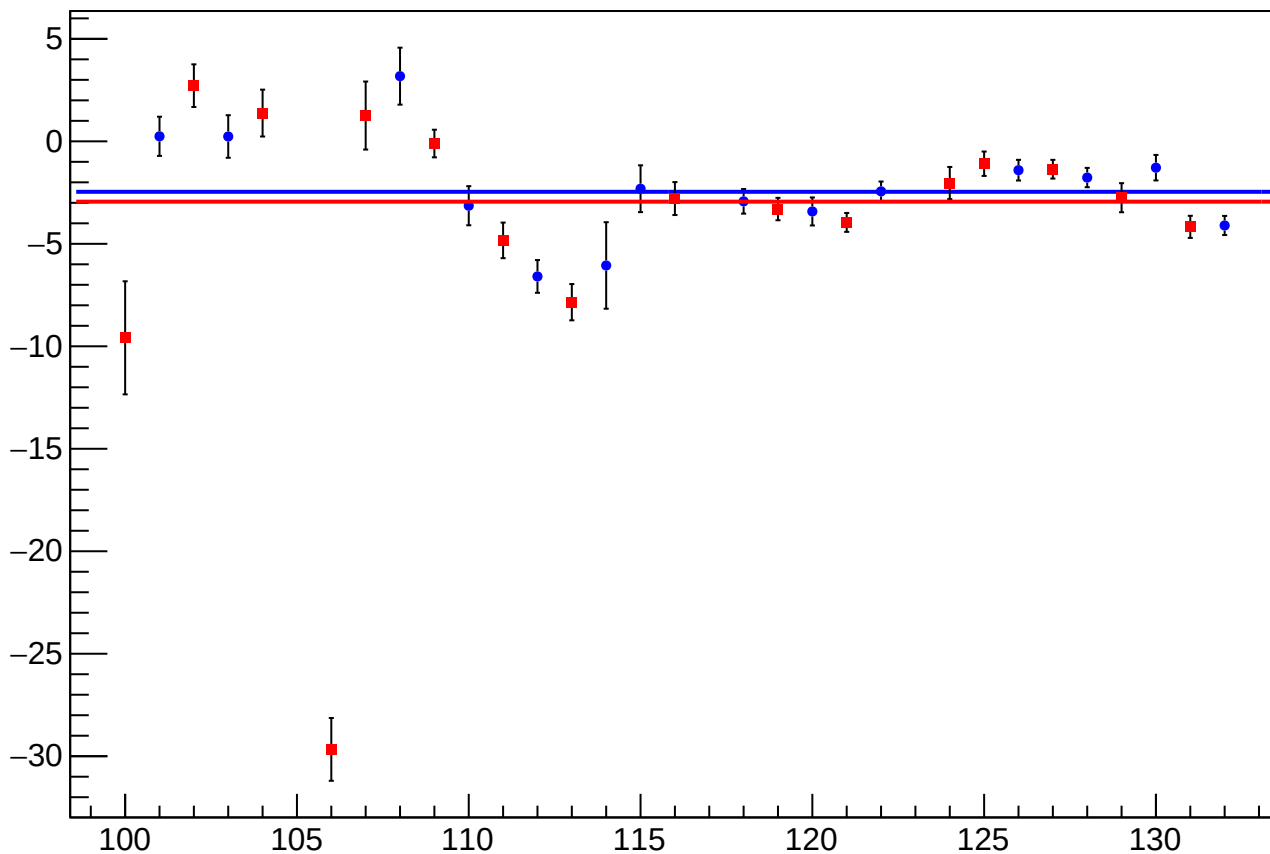
Right: 0.000+/-0.000 χ^2/NDF : 1734758.3/29

In: 0.000+/-0.000 χ^2/NDF : 1098247.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1734758.3/29

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.462 ± 0.180 χ^2/NDF : 86.5/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.943 ± 0.178 χ^2/NDF : 446.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

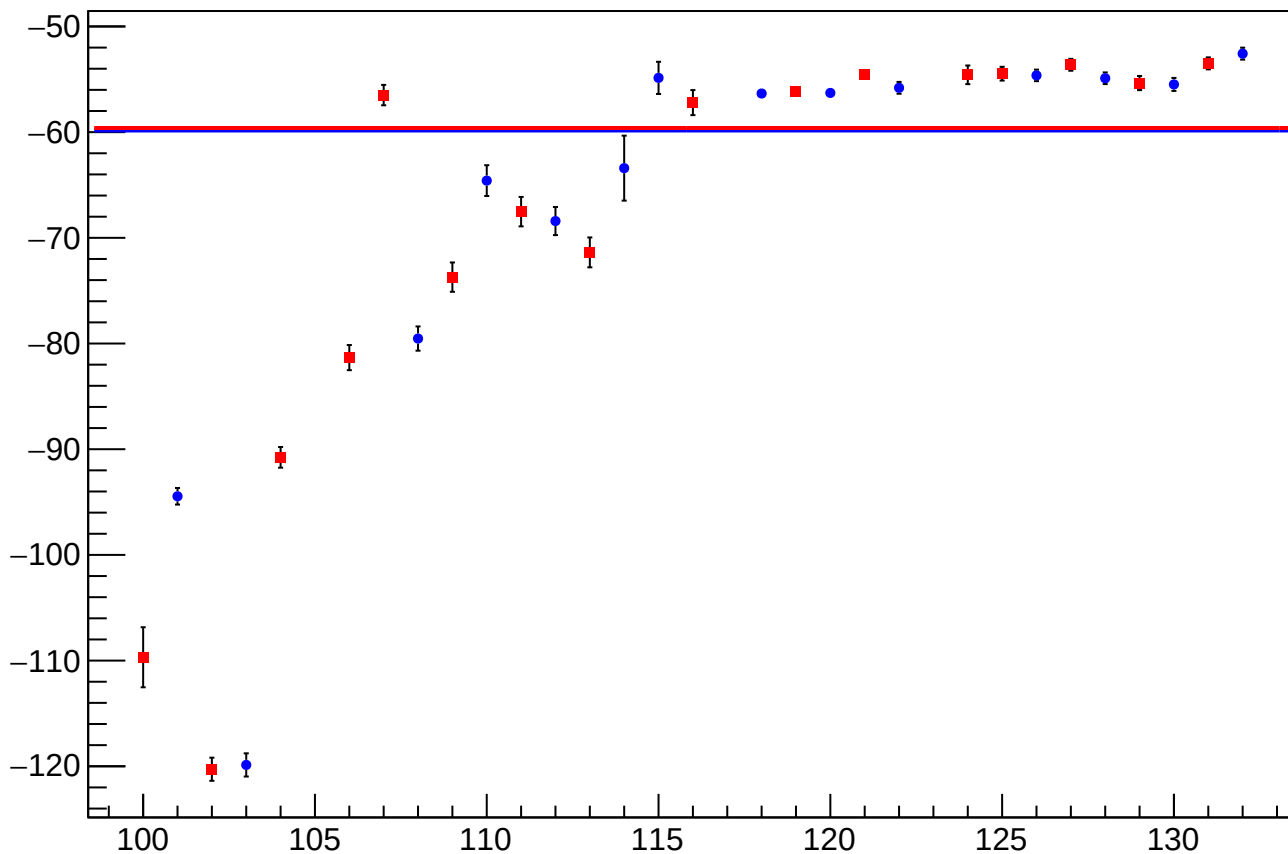
Right: -2.705 ± 0.126 χ^2/NDF : 537.0/29

In: -2.462 ± 0.180 χ^2/NDF : 86.5/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.705 ± 0.126 χ^2/NDF : 537.0/29

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.843+/-0.173 χ^2/NDF : 5889.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -59.607+/-0.180 χ^2/NDF : 5533.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

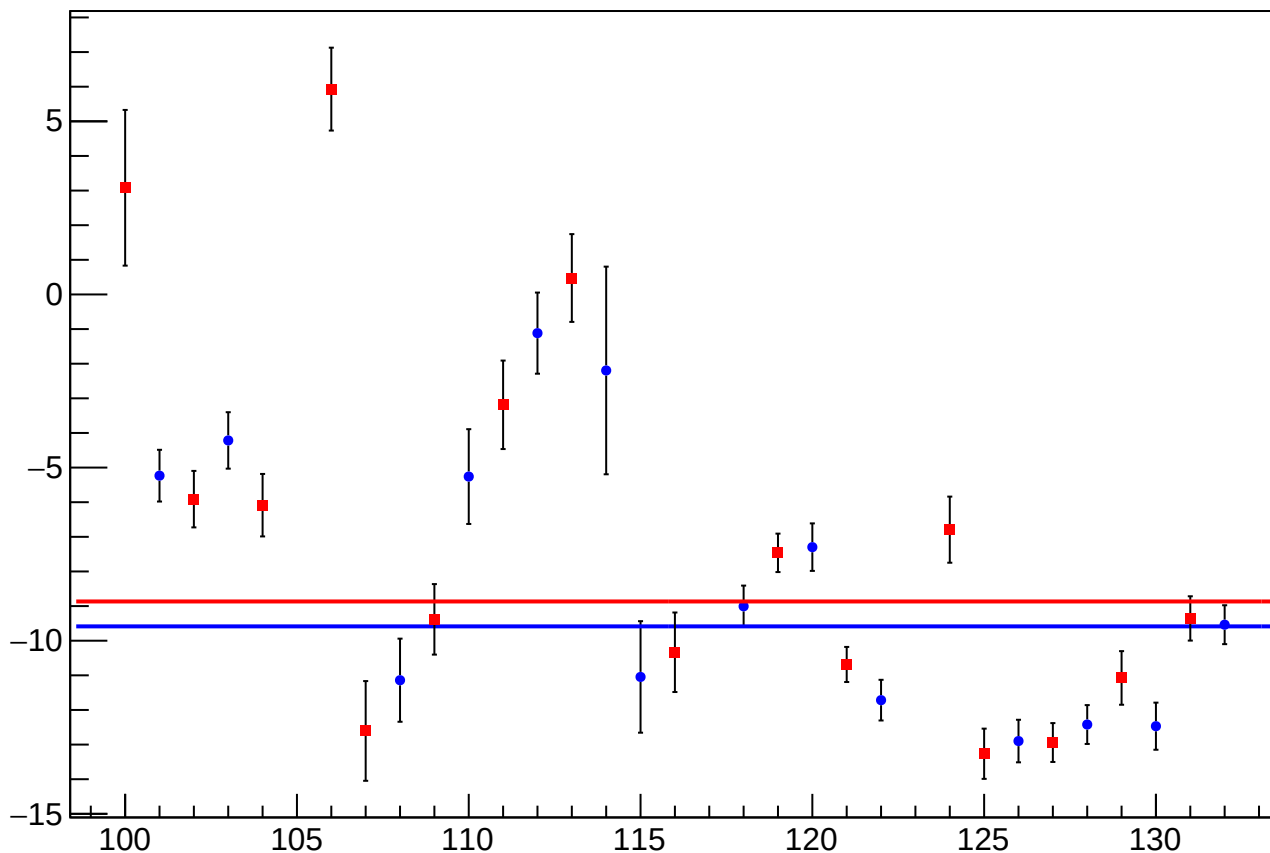
Right: -59.729+/-0.125 χ^2/NDF : 11423.8/29

In: -59.843+/-0.173 χ^2/NDF :5889.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -59.729+/-0.125 χ^2/NDF : 11423.8/29

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -9.586 ± 0.201 χ^2/NDF : 245.9/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.867 ± 0.202 χ^2/NDF : 408.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

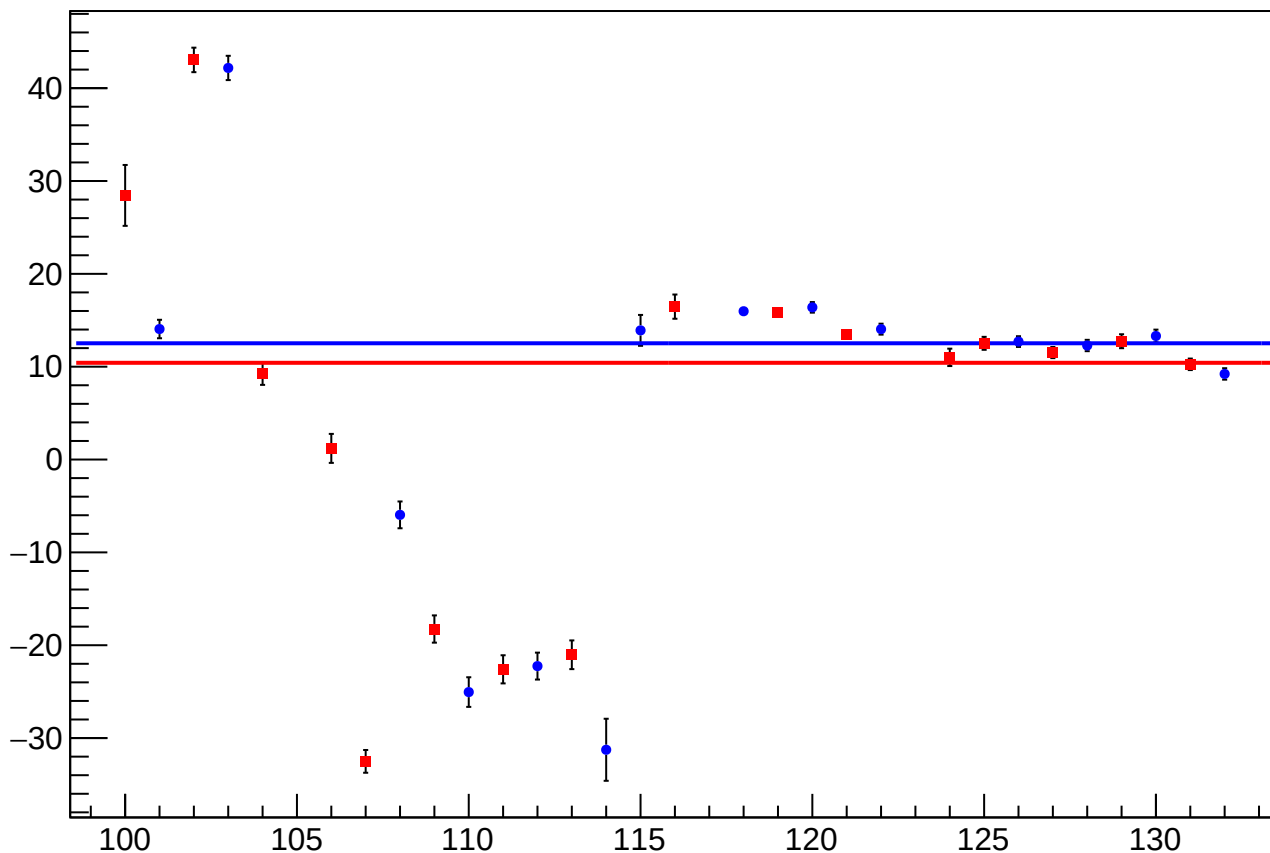
Right: -9.228 ± 0.143 χ^2/NDF : 660.8/29

In: -9.586 ± 0.201 χ^2/NDF : 245.9/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.228 ± 0.143 χ^2/NDF : 660.8/29

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 12.522+/-0.203 χ^2/NDF : 2118.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.419+/-0.207 χ^2/NDF : 3396.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

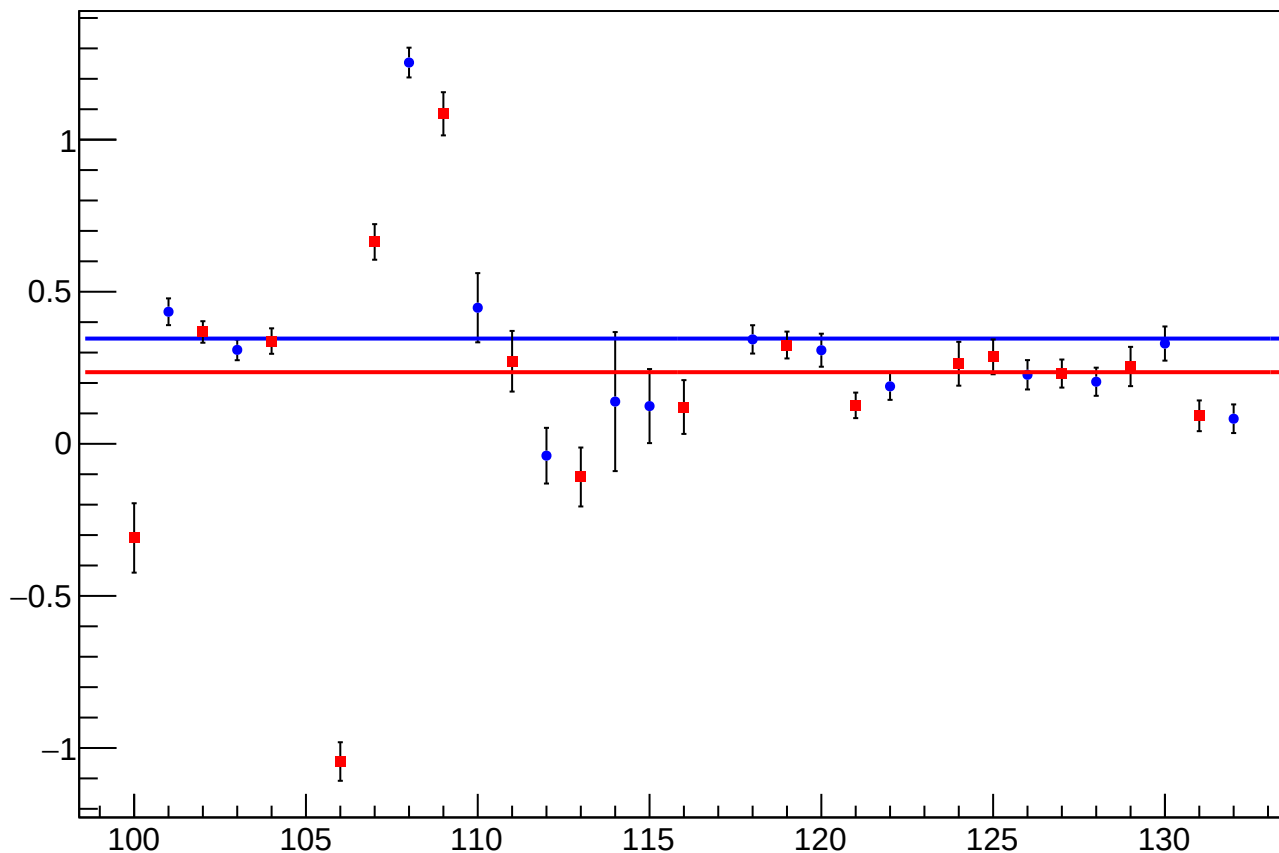
Right: 11.489+/-0.145 χ^2/NDF : 5567.6/29

In: 12.522+/-0.203 χ^2/NDF : 2118.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.489+/-0.145 χ^2/NDF : 5567.6/29

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.346 $\pm$ 0.014 χ^2 /NDF: 431.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.236 $\pm$ 0.014 χ^2 /NDF: 681.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

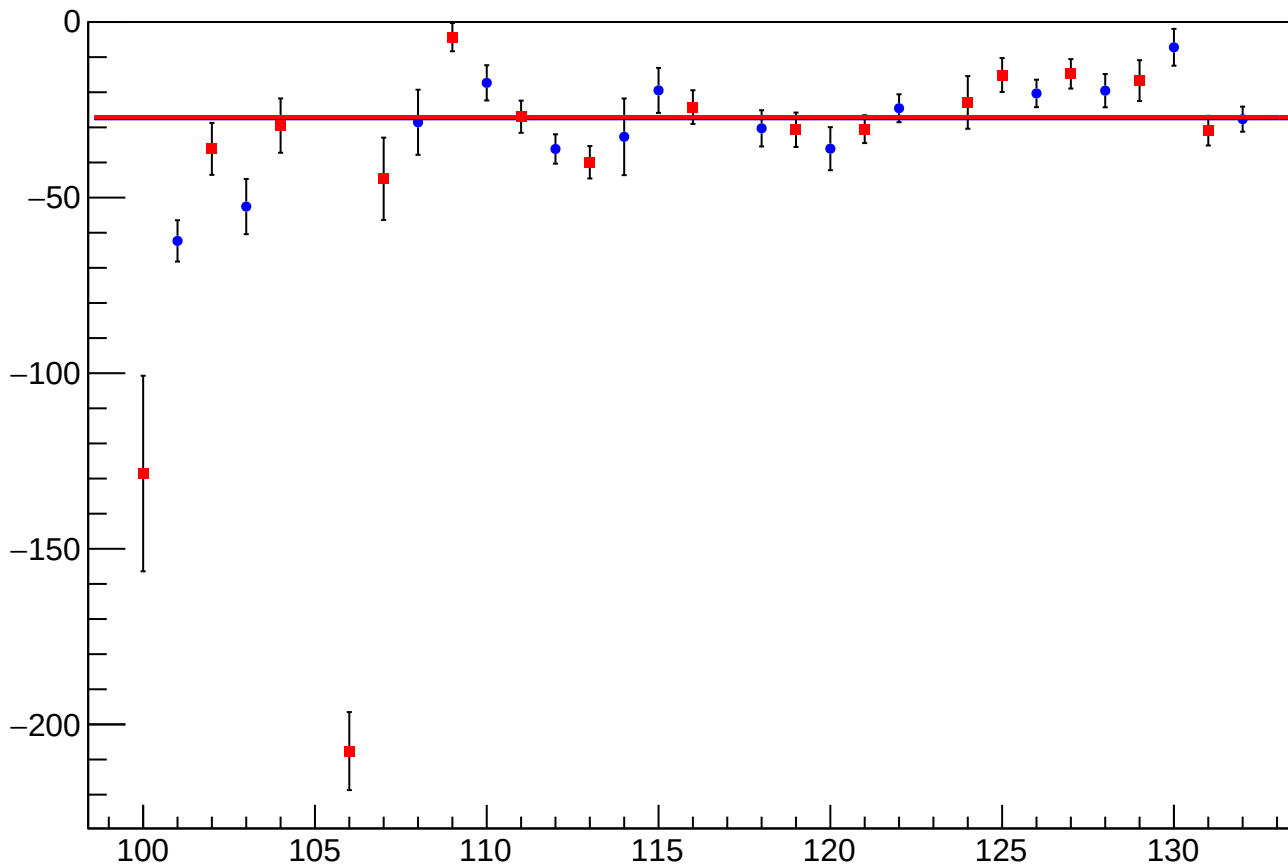
Right: 0.290 $\pm$ 0.010 χ^2 /NDF: 1144.6/29

In: 0.346 $\pm$ 0.014 χ^2 /NDF:431.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.290 $\pm$ 0.010 χ^2 /NDF: 1144.6/29

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -27.426 ± 1.362 $\chi^2/\text{NDF}: 79.5/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -27.050 ± 1.336 $\chi^2/\text{NDF}: 341.7/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

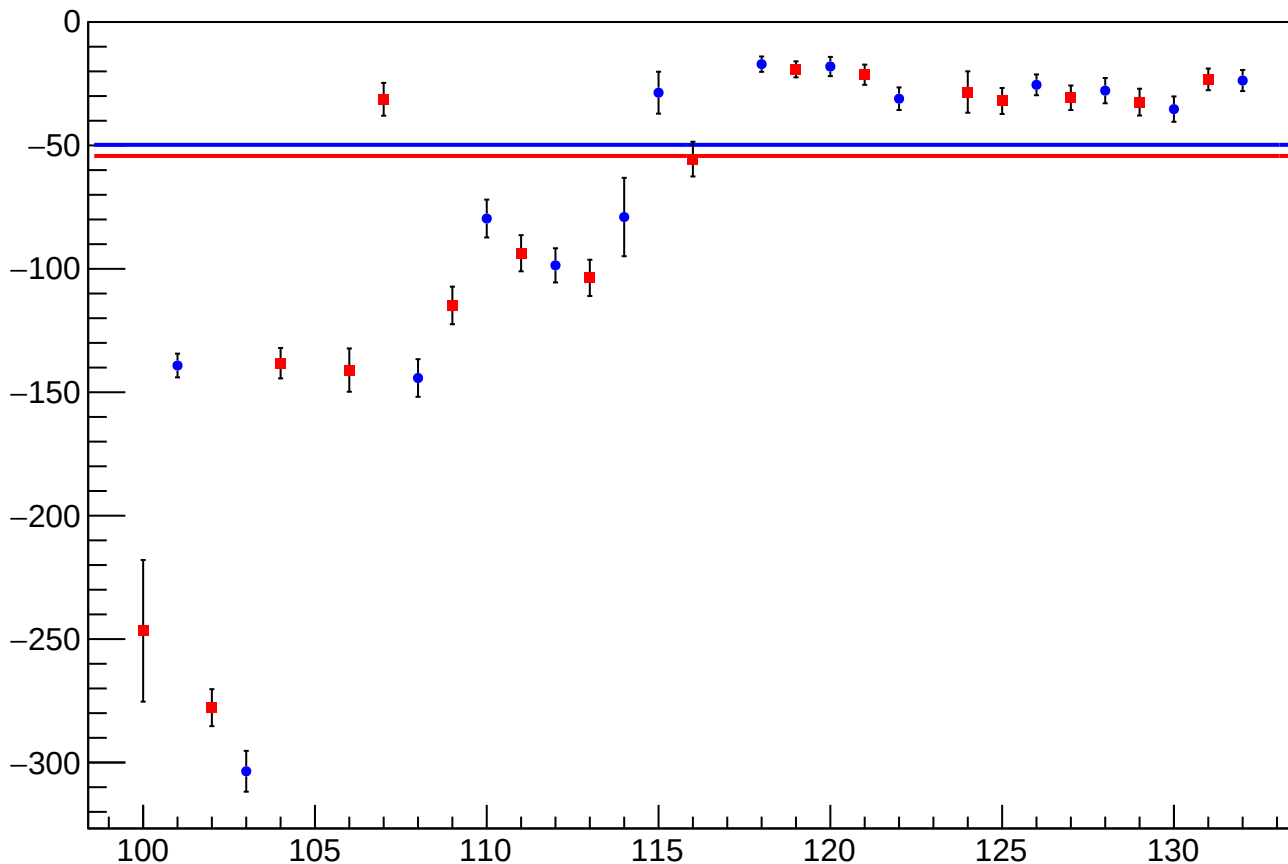
Right: -27.235 ± 0.954 $\chi^2/\text{NDF}: 421.2/29$

In: -27.426 ± 1.362 $\chi^2/\text{NDF}: 79.5/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -27.235 ± 0.954 $\chi^2/\text{NDF}: 421.2/29$

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -49.759+/-1.367 χ^2/NDF : 1803.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -54.265+/-1.434 χ^2/NDF : 1666.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

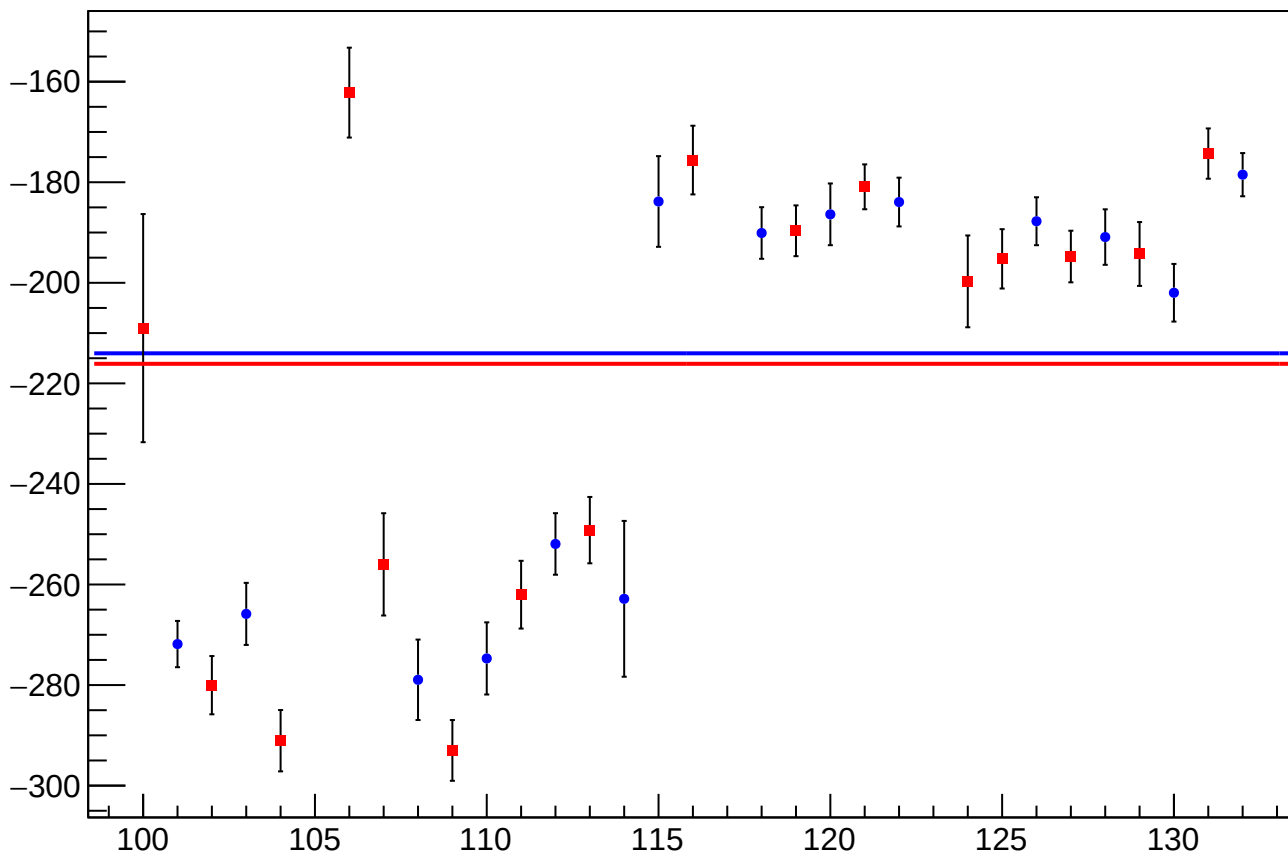
Right: -51.906+/-0.989 χ^2/NDF : 3475.9/29

In: -49.759+/-1.367 χ^2/NDF :1803.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -51.906+/-0.989 χ^2/NDF : 3475.9/29

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -214.022+/-1.543 χ^2/NDF : 626.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -216.111+/-1.567 χ^2/NDF : 797.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

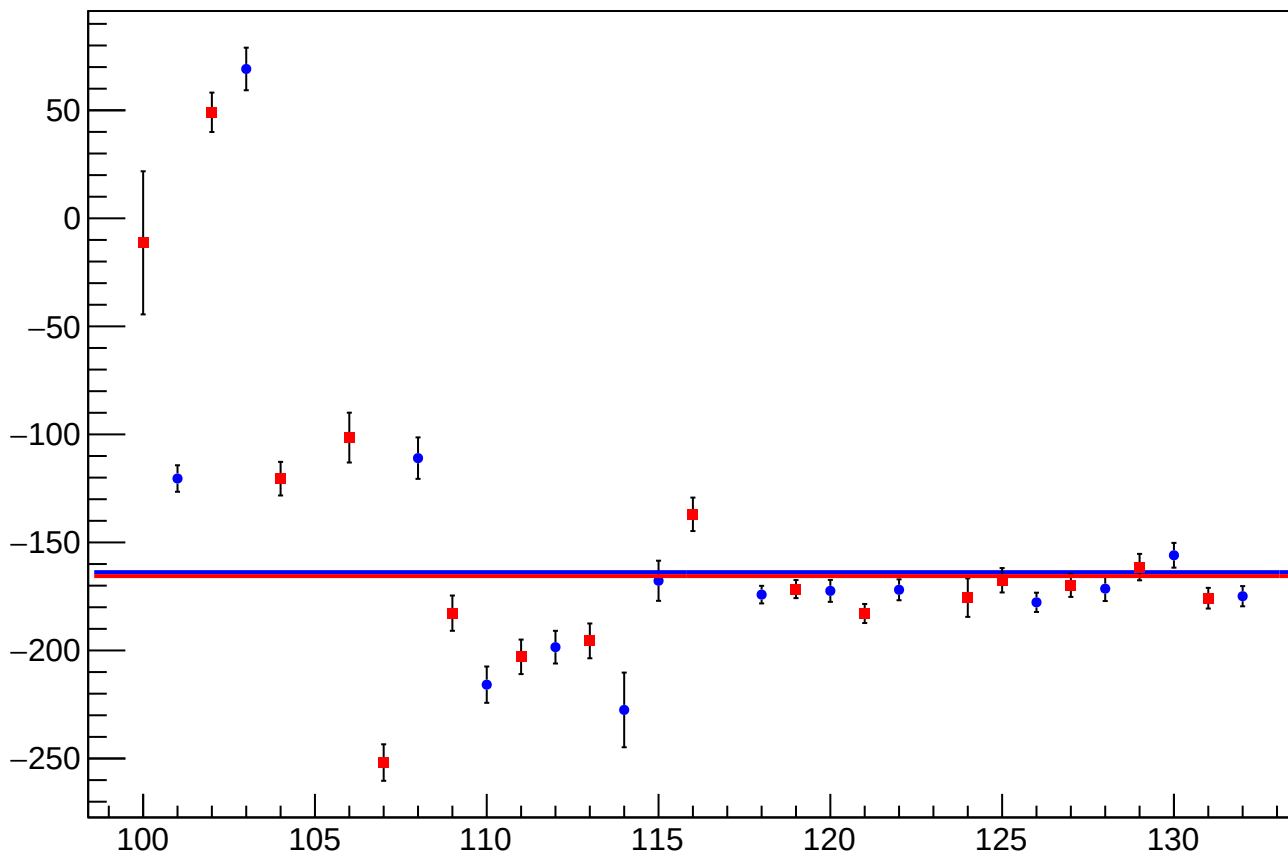
Right: -215.051+/-1.099 χ^2/NDF : 1425.0/29

In: -214.022+/-1.543 χ^2/NDF :626.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -215.051+/-1.099 χ^2/NDF : 1425.0/29

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -163.760+/-1.595 χ^2/NDF : 743.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -165.575+/-1.639 χ^2/NDF : 822.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

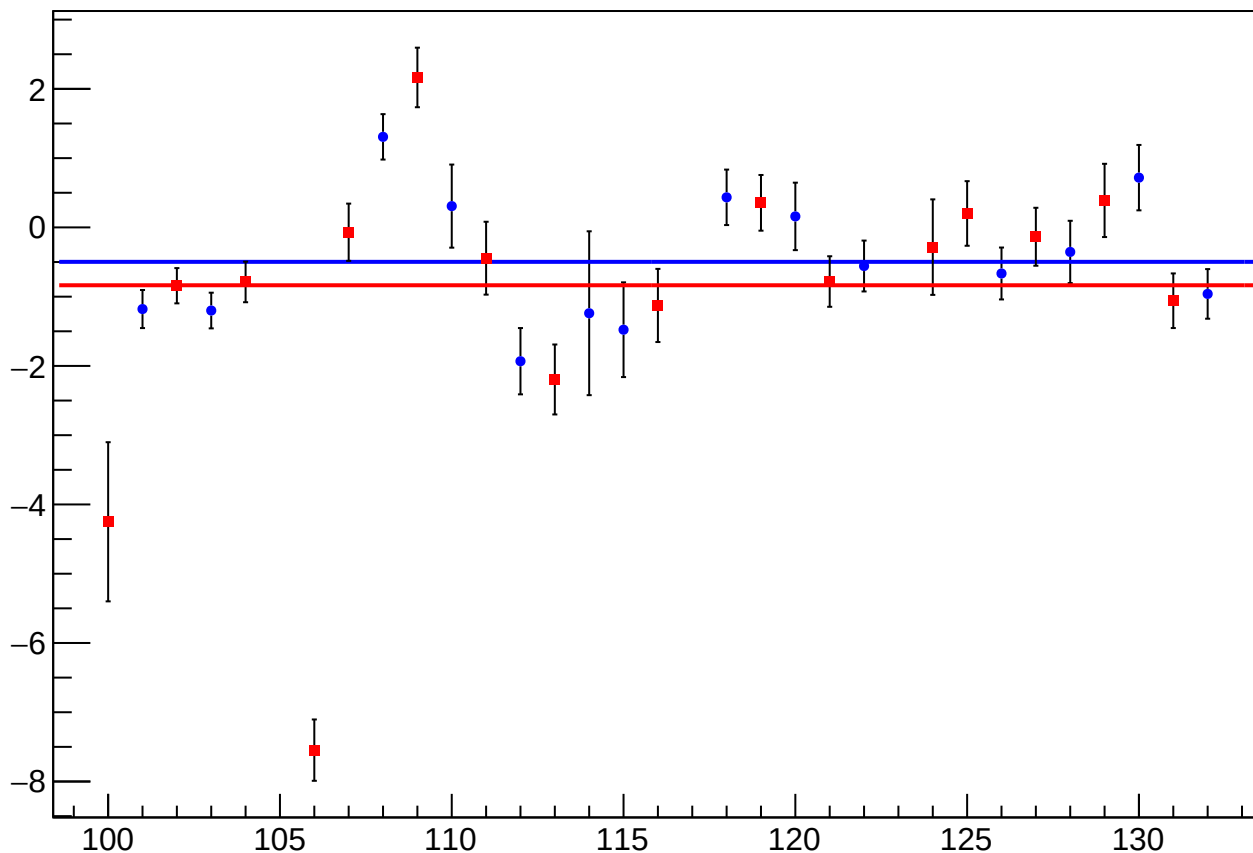
Right: -164.643+/-1.143 χ^2/NDF : 1566.4/29

In: -163.760+/-1.595 χ^2/NDF :743.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -164.643+/-1.143 χ^2/NDF : 1566.4/29

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.497 ± 0.106 χ^2/NDF : 73.0/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.835 ± 0.105 χ^2/NDF : 321.8/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

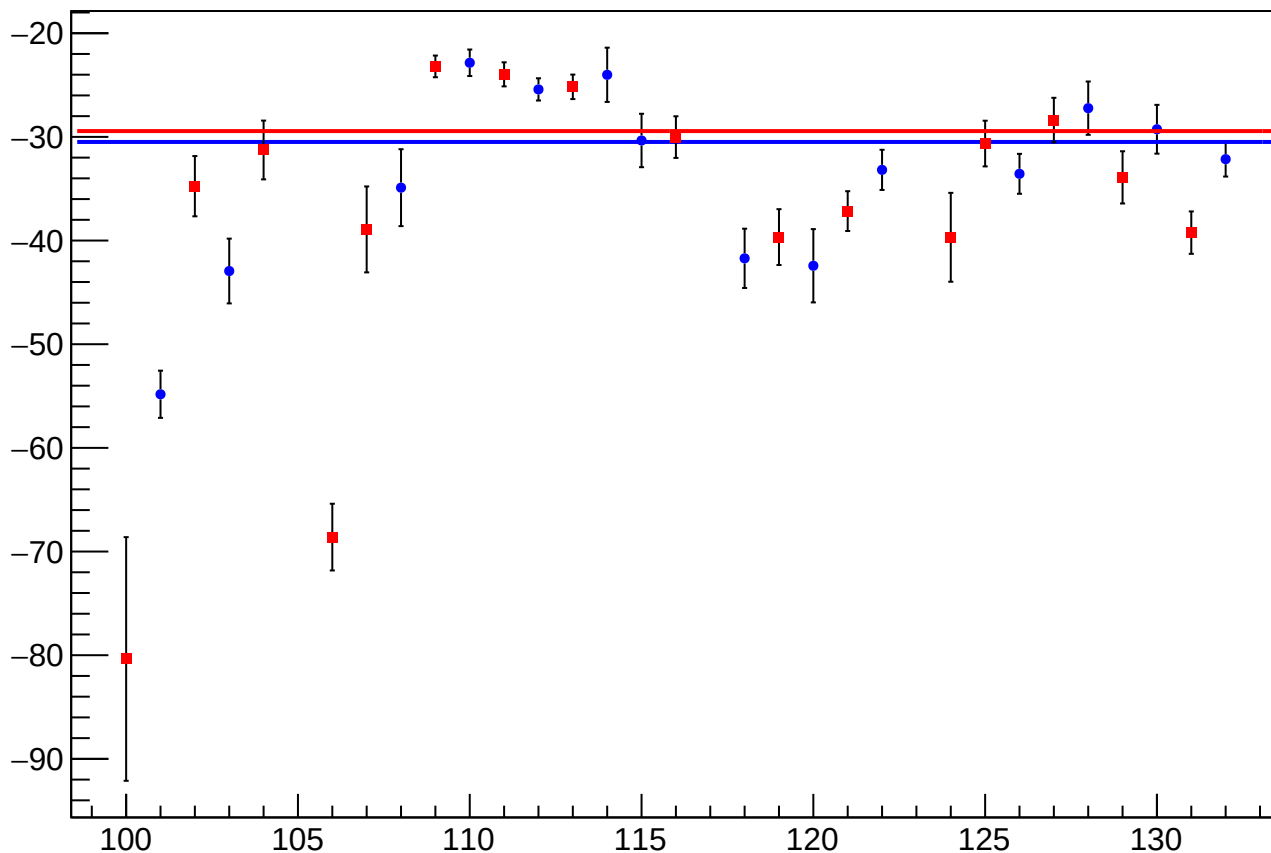
Right: -0.668 ± 0.074 χ^2/NDF : 399.9/29

In: -0.497 ± 0.106 χ^2/NDF : 73.0/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.668 ± 0.074 χ^2/NDF : 399.9/29

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -30.488 ± 0.529 χ^2/NDF : 229.8/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -29.440 ± 0.482 χ^2/NDF : 309.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

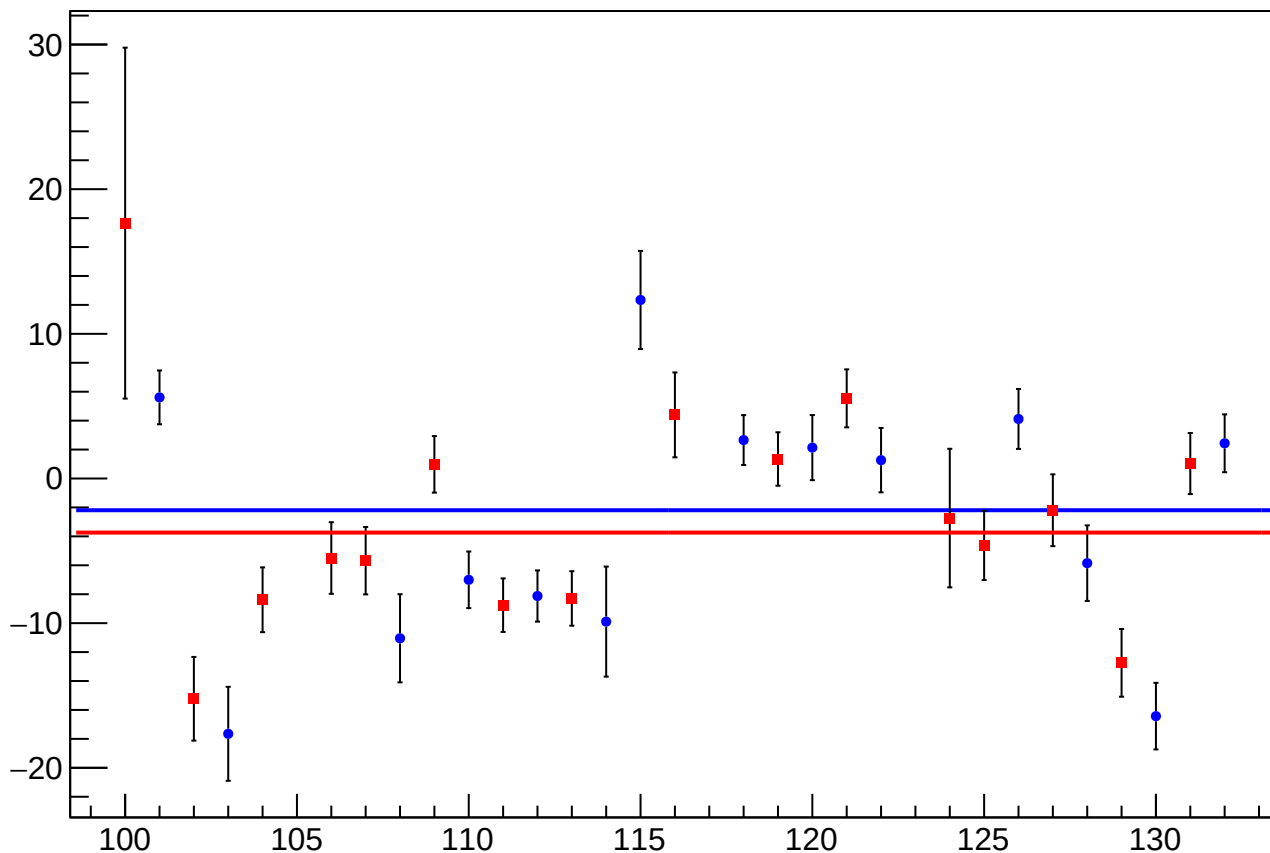
Right: -29.915 ± 0.356 χ^2/NDF : 541.7/29

In: -30.488 ± 0.529 χ^2/NDF : 229.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -29.915 ± 0.356 χ^2/NDF : 541.7/29

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.193 ± 0.600 χ^2/NDF : 157.2/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.739 ± 0.582 χ^2/NDF : 100.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

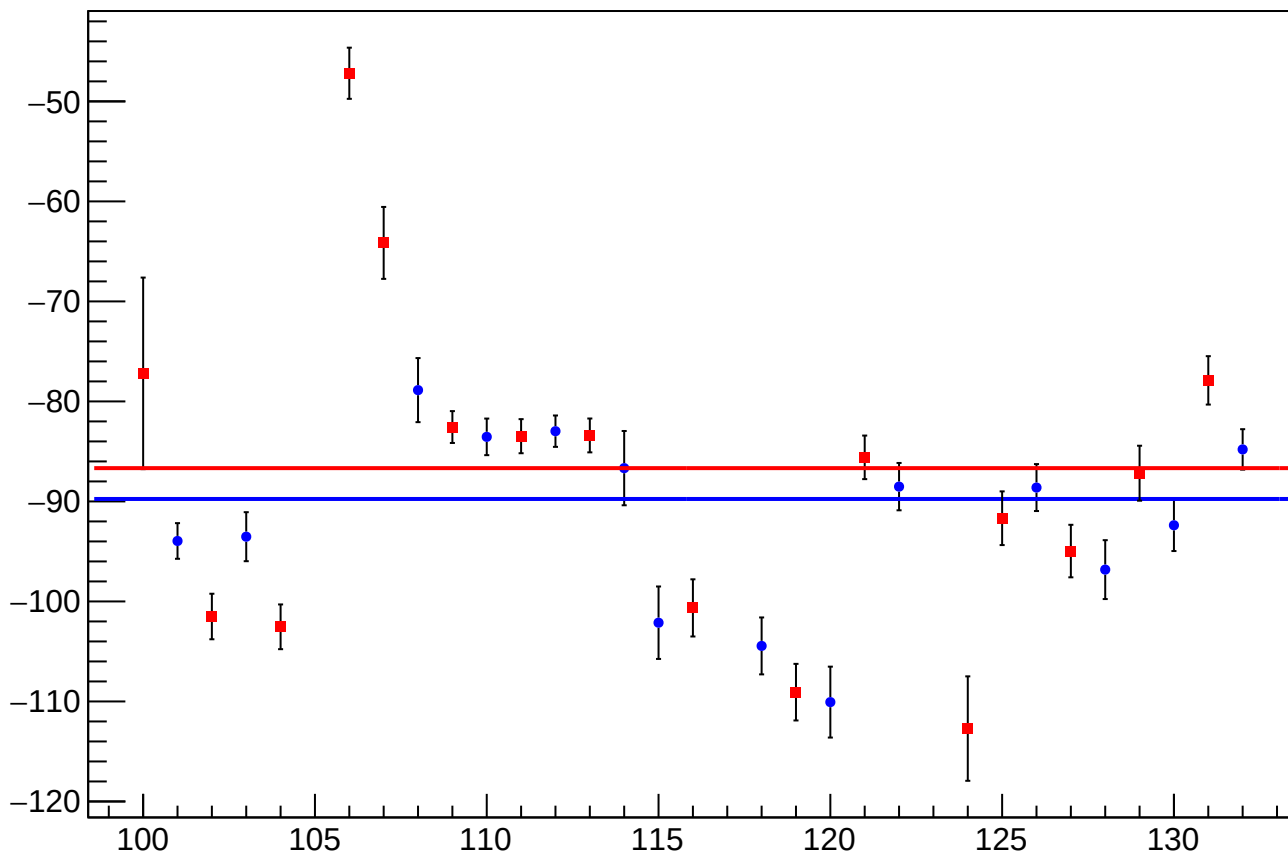
Right: -2.989 ± 0.418 χ^2/NDF : 261.2/29

In: -2.193 ± 0.600 χ^2/NDF : 157.2/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.989 ± 0.418 χ^2/NDF : 261.2/29

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -89.754+/-0.632 χ^2/NDF : 134.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -86.671+/-0.597 χ^2/NDF : 523.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

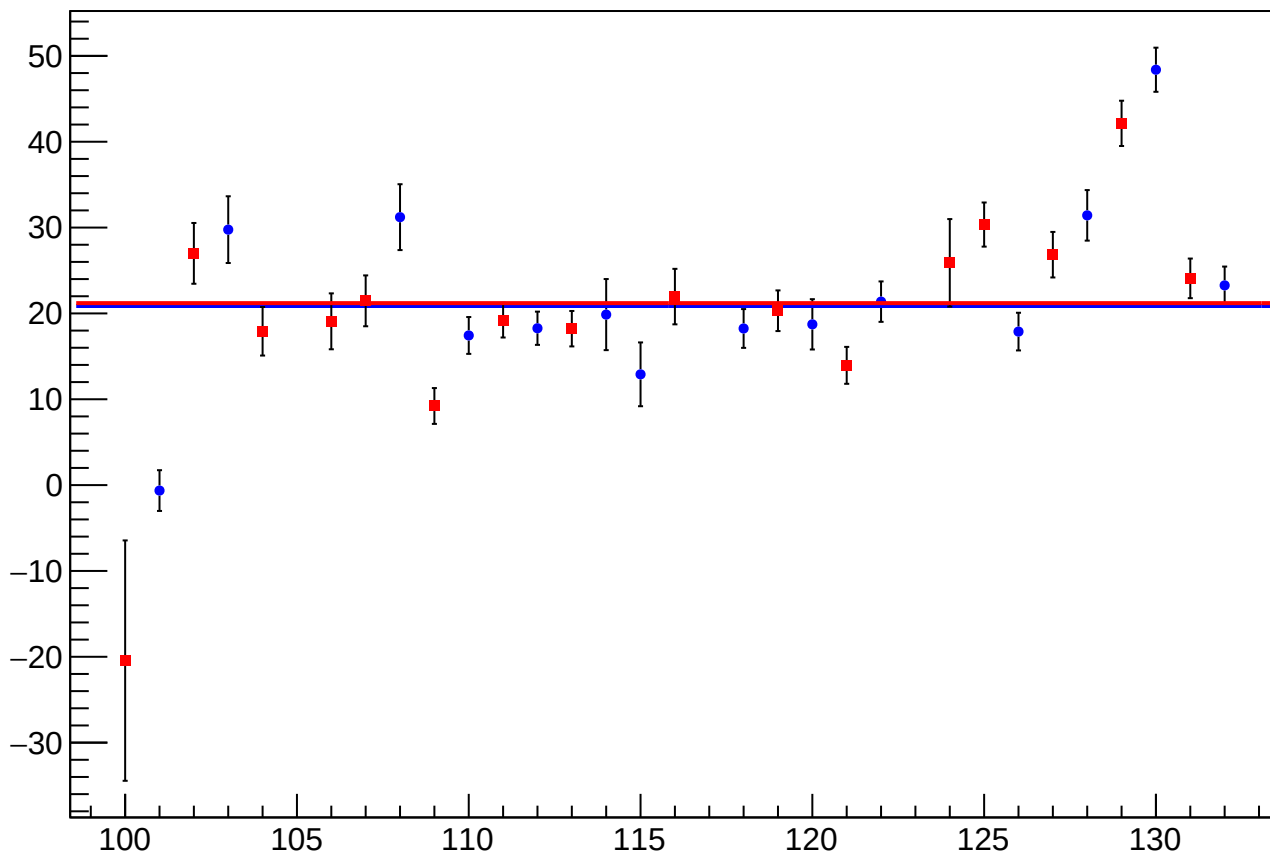
Right: -88.126+/-0.434 χ^2/NDF : 670.8/29

In: -89.754+/-0.632 χ^2/NDF : 134.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -88.126+/-0.434 χ^2/NDF : 670.8/29

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.864+/-0.690 χ^2/NDF : 236.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.199+/-0.662 χ^2/NDF : 143.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

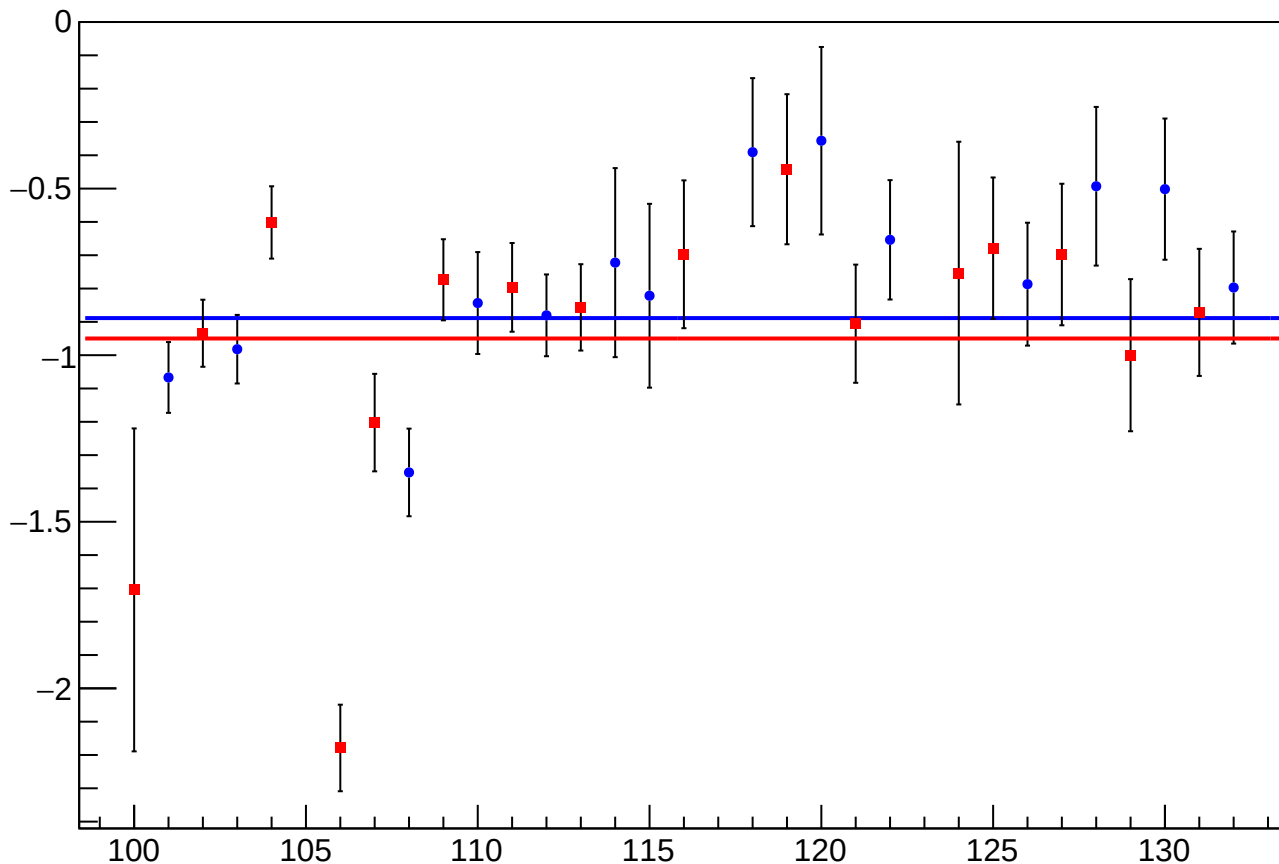
Right: 21.038+/-0.478 χ^2/NDF : 379.6/29

In: 20.864+/-0.690 χ^2/NDF : 236.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.038+/-0.478 χ^2/NDF : 379.6/29

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.889 ± 0.043 χ^2/NDF : 33.6/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.950 ± 0.039 χ^2/NDF : 119.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

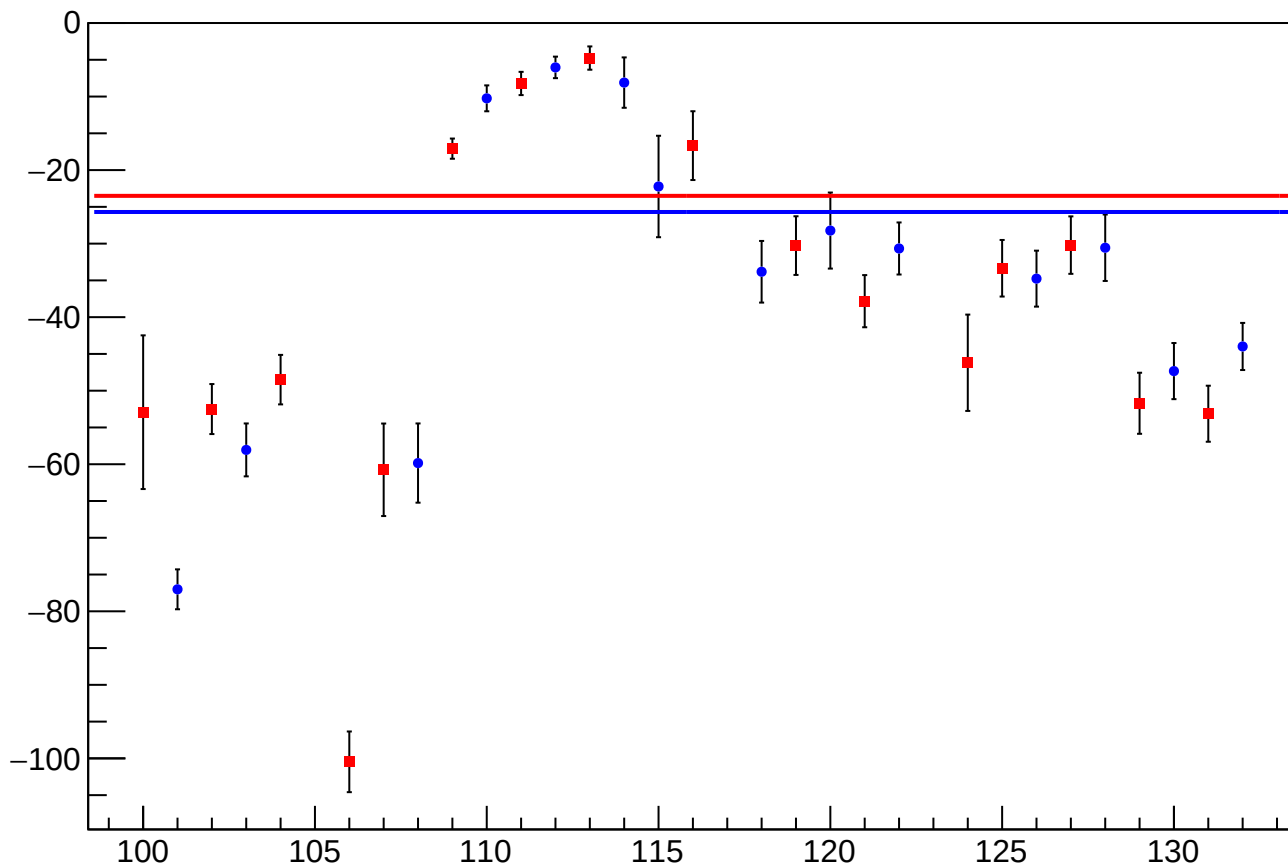
Right: -0.922 ± 0.029 χ^2/NDF : 153.8/29

In: -0.889 ± 0.043 χ^2/NDF : 33.6/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.922 ± 0.029 χ^2/NDF : 153.8/29

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -25.698+/-0.790 χ^2/NDF : 840.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -23.504+/-0.695 χ^2/NDF : 923.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

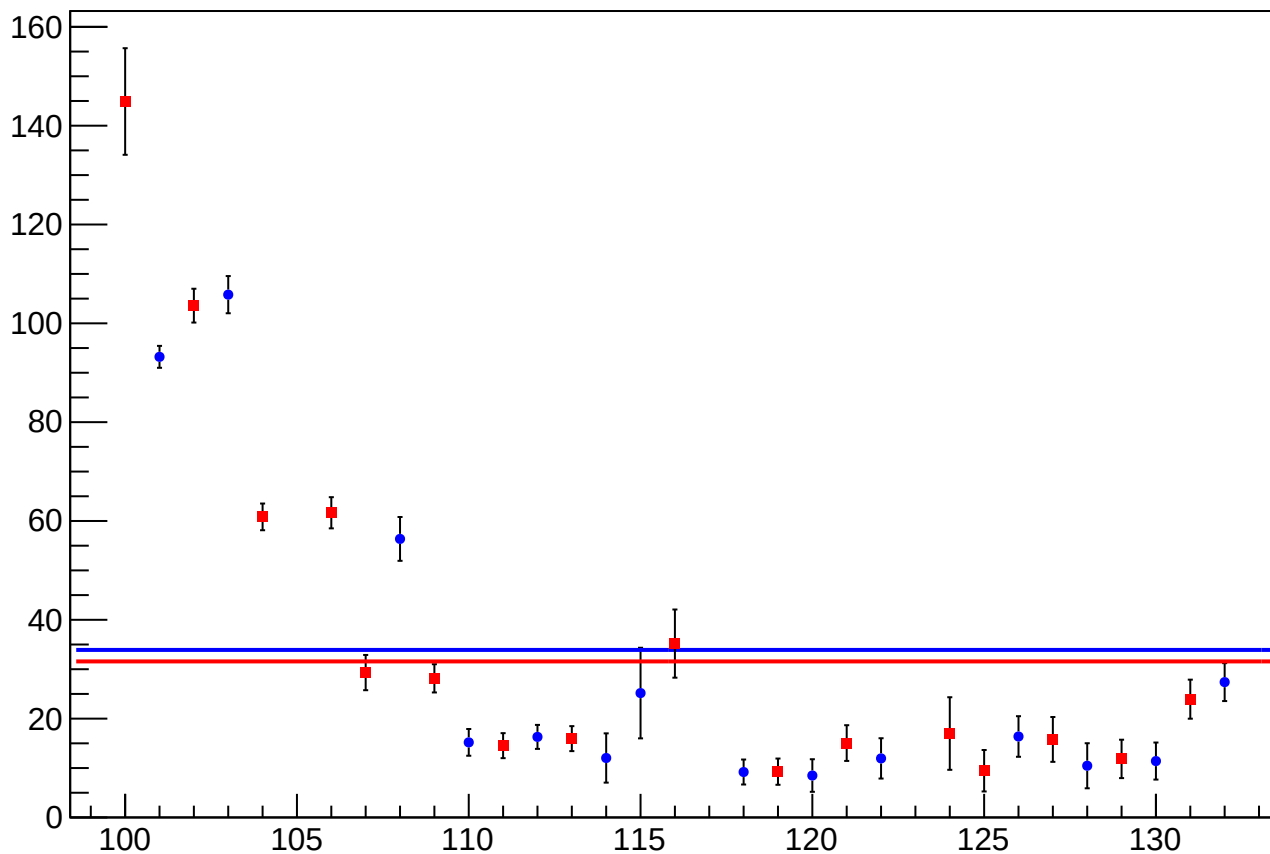
Right: -24.461+/-0.522 χ^2/NDF : 1768.4/29

In: -25.698+/-0.790 χ^2/NDF :840.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -24.461+/-0.522 χ^2/NDF : 1768.4/29

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 33.905+/-0.899 χ^2/NDF : 1492.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.579+/-0.864 χ^2/NDF : 1011.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

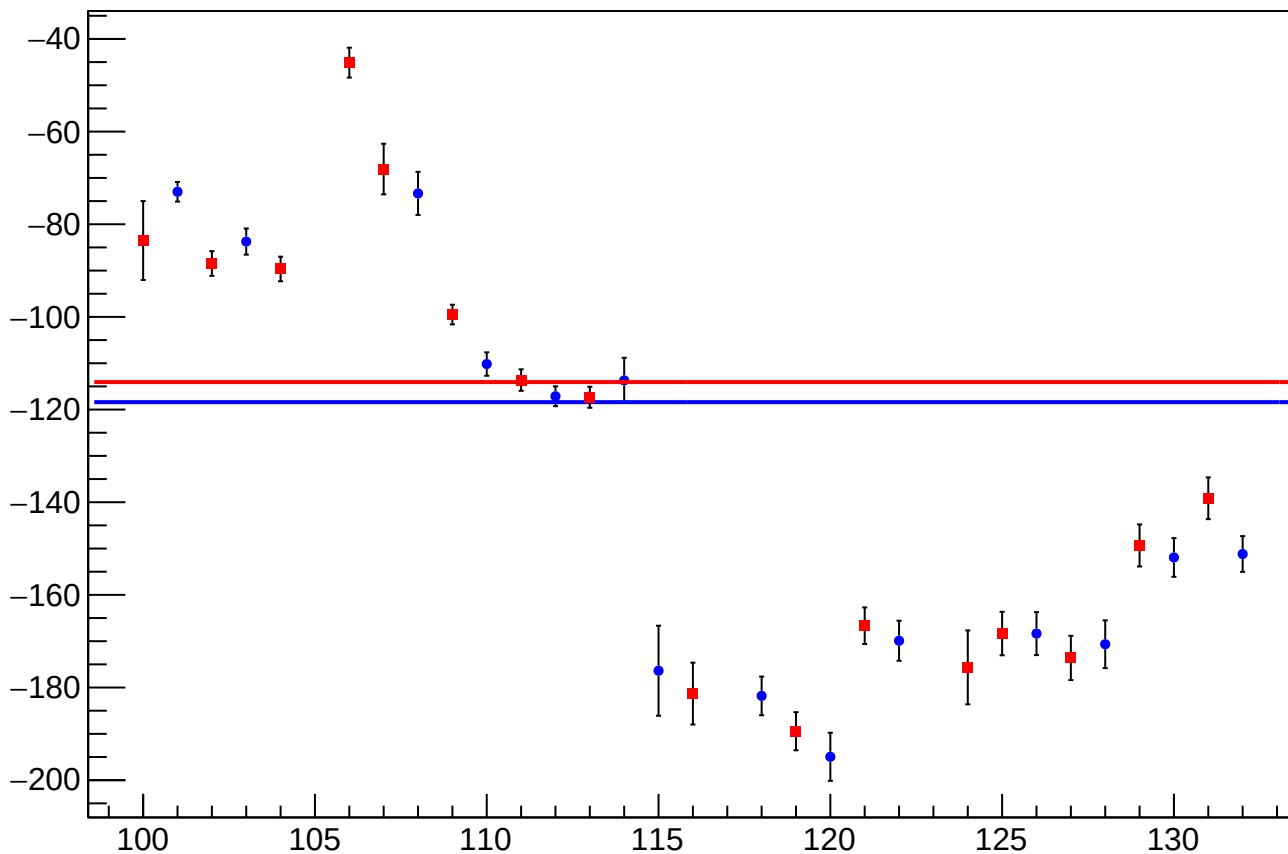
Right: 32.696+/-0.623 χ^2/NDF : 2507.8/29

In: 33.905+/-0.899 χ^2/NDF : 1492.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.696+/-0.623 χ^2/NDF : 2507.8/29

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -118.396 ± 0.922 χ^2/NDF : 1695.4/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -114.061 ± 0.852 χ^2/NDF : 1820.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

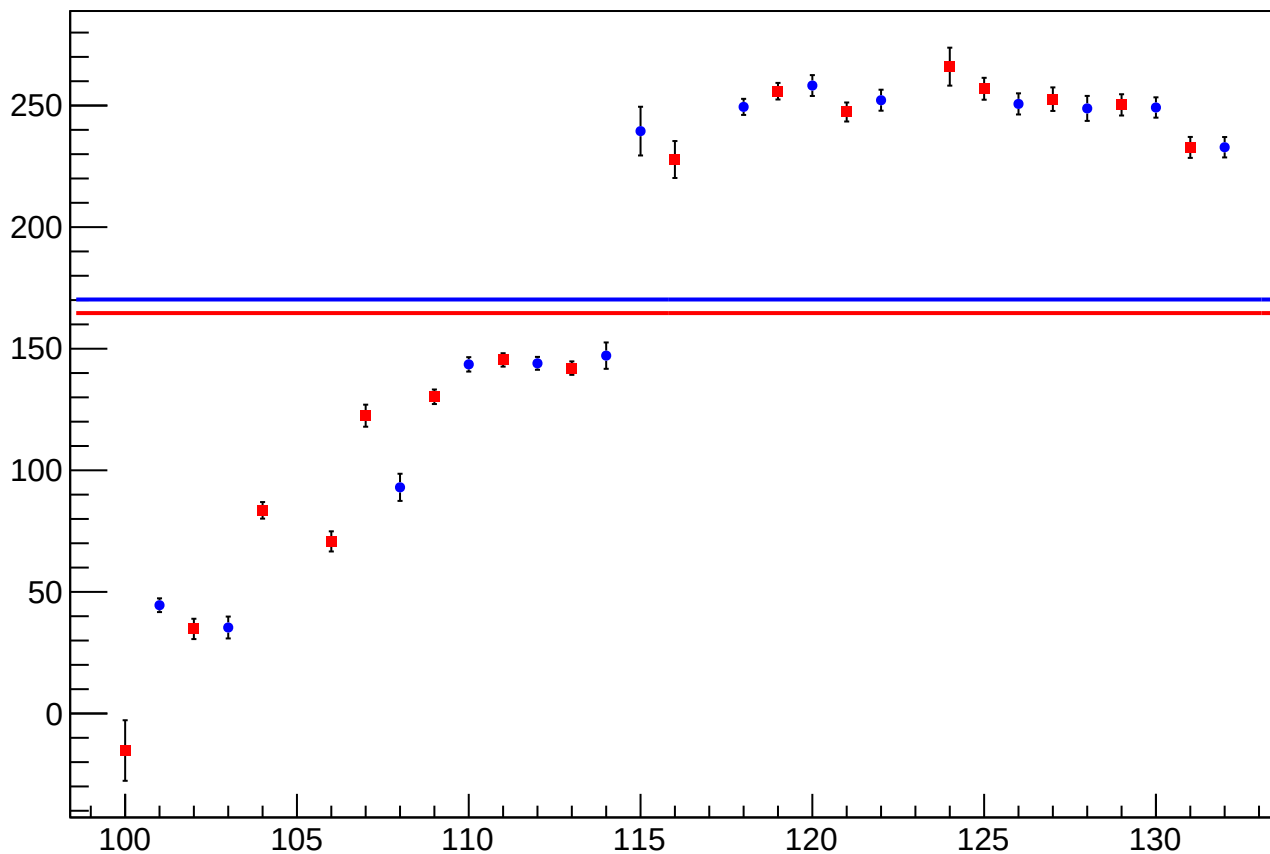
Right: -116.059 ± 0.626 χ^2/NDF : 3527.8/29

In: -118.396 ± 0.922 χ^2/NDF : 1695.4/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -116.059 ± 0.626 χ^2/NDF : 3527.8/29

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 170.239+/-1.048 χ^2/NDF : 5823.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 164.653+/-0.993 χ^2/NDF : 5374.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

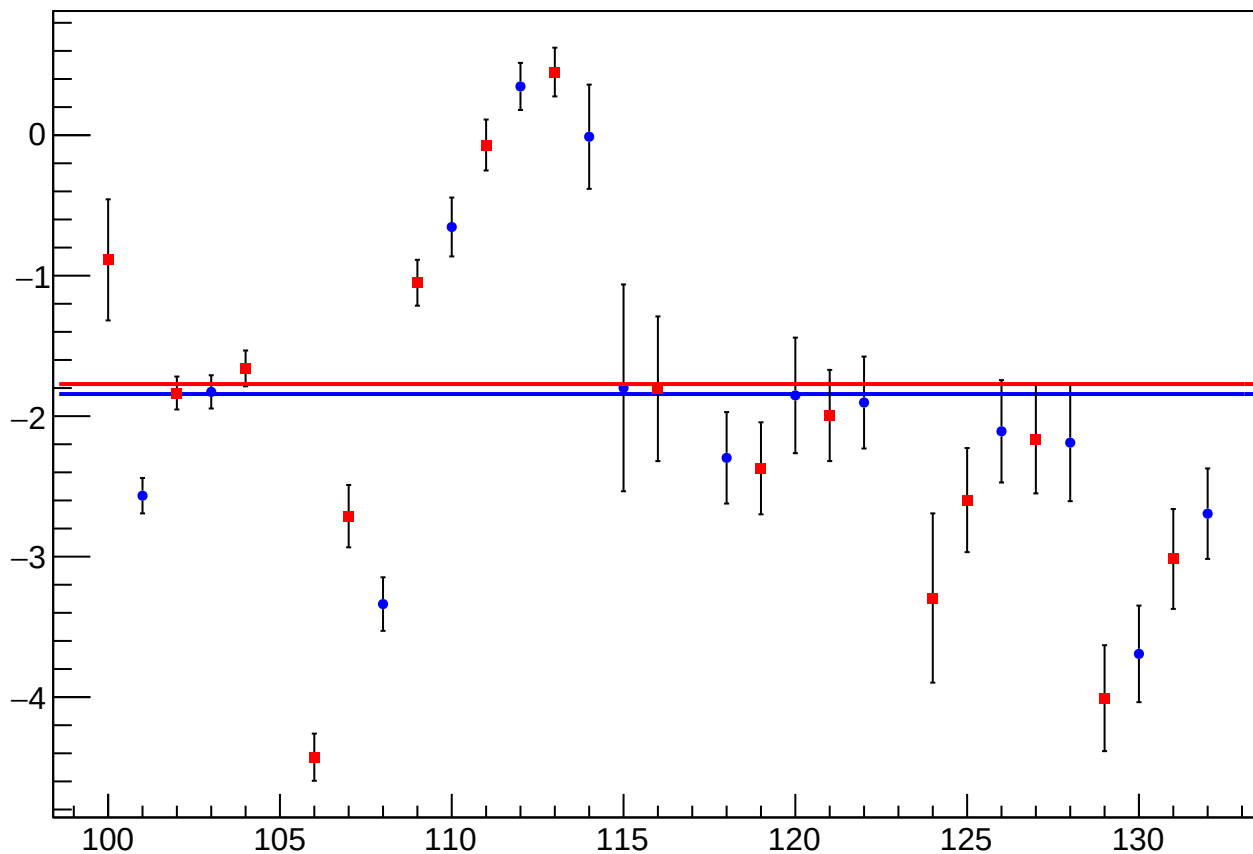
Right: 167.296+/-0.721 χ^2/NDF : 11212.2/29

In: 170.239+/-1.048 χ^2/NDF : 5823.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.296+/-0.721 χ^2/NDF : 11212.2/29

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.843 ± 0.059 χ^2/NDF : 360.8/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.772 ± 0.053 χ^2/NDF : 608.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

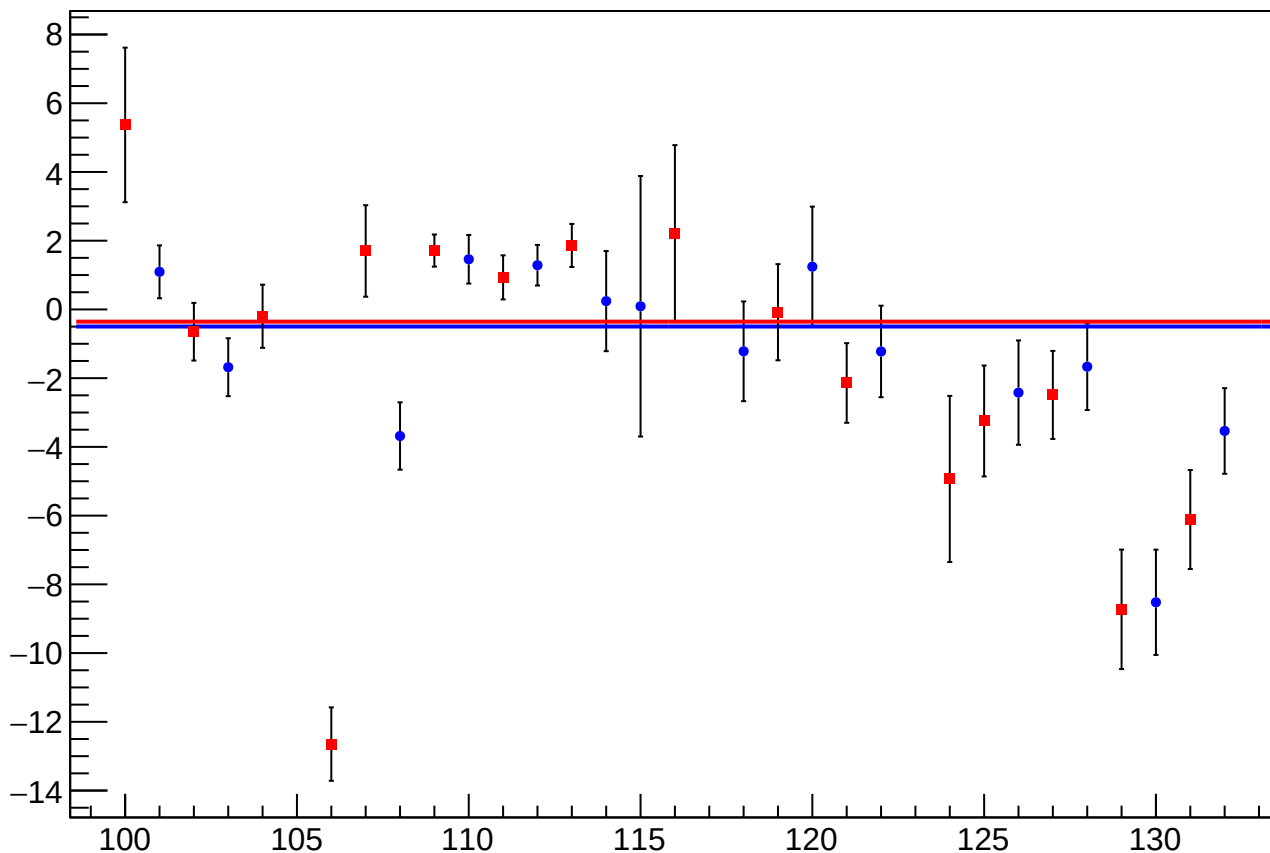
Right: -1.803 ± 0.040 χ^2/NDF : 970.1/29

In: -1.843 ± 0.059 χ^2/NDF : 360.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.803 ± 0.040 χ^2/NDF : 970.1/29

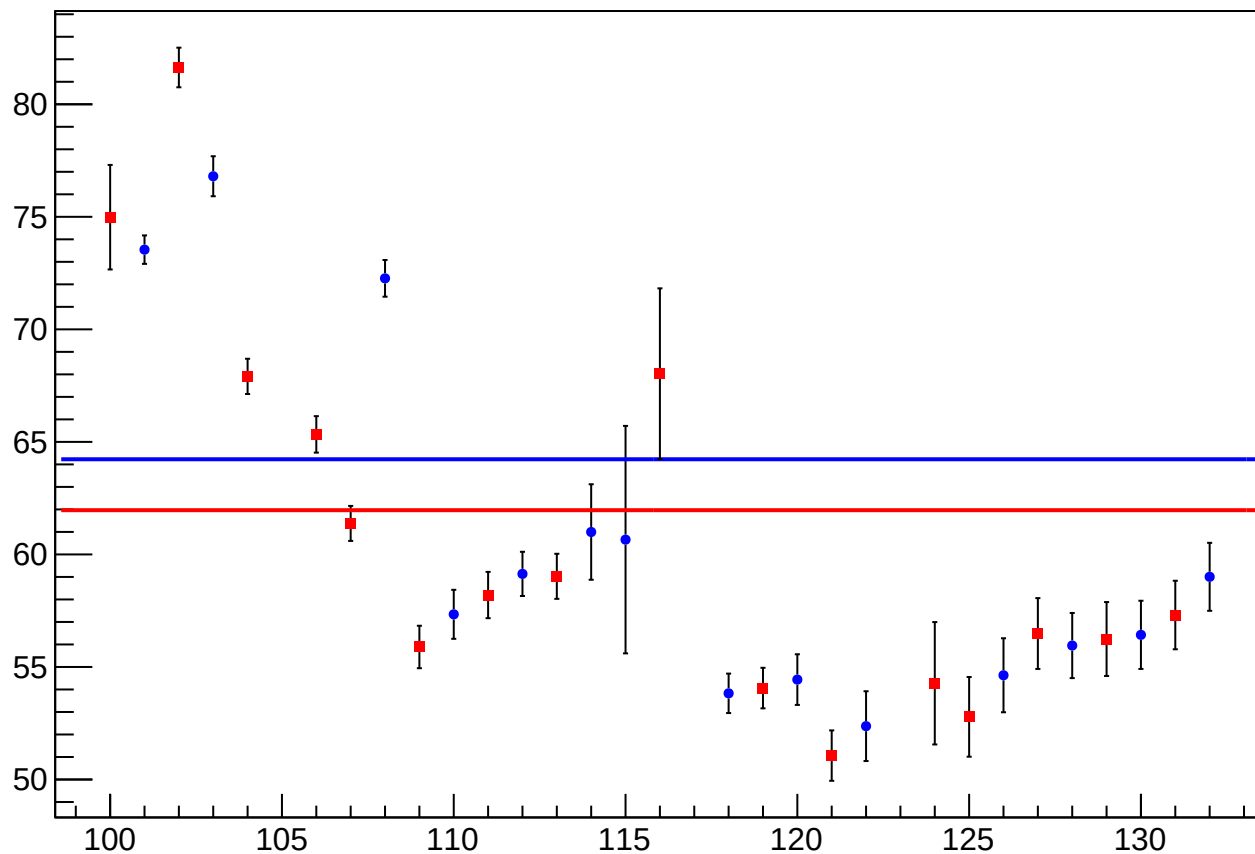
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.498 ± 0.277 χ^2/NDF : 71.3/13
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -0.355 ± 0.241 χ^2/NDF : 229.7/15
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -0.417 ± 0.182 χ^2/NDF : 301.1/29
 In: -0.498 ± 0.277 χ^2/NDF : 71.3/13
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -0.417 ± 0.182 χ^2/NDF : 301.1/29

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 64.228+/-0.293 χ^2/NDF : 964.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.966+/-0.276 χ^2/NDF : 912.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

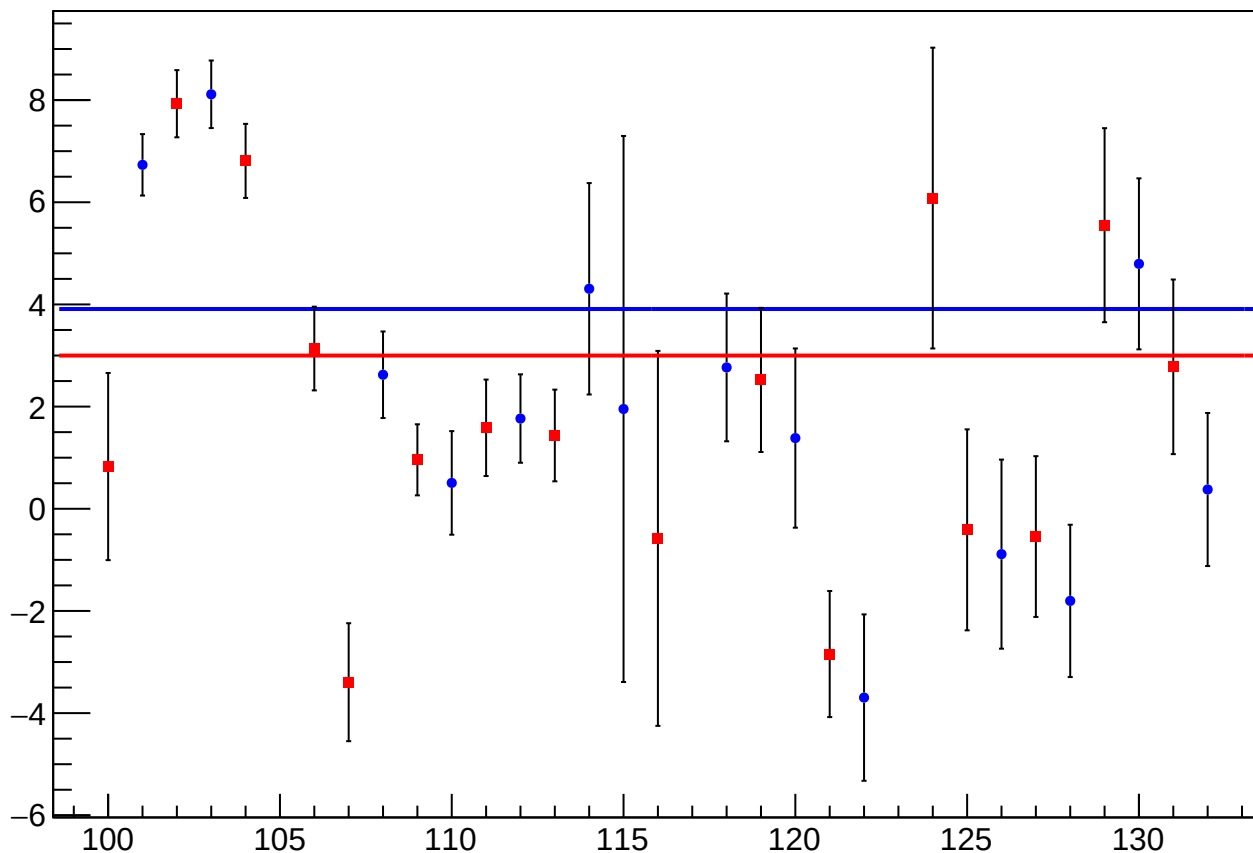
Right: 63.030+/-0.201 χ^2/NDF : 1908.9/29

In: 64.228+/-0.293 χ^2/NDF : 964.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.030+/-0.201 χ^2/NDF : 1908.9/29

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.910 $\pm$ 0.292 χ^2 /NDF: 134.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.999 $\pm$ 0.269 χ^2 /NDF: 164.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

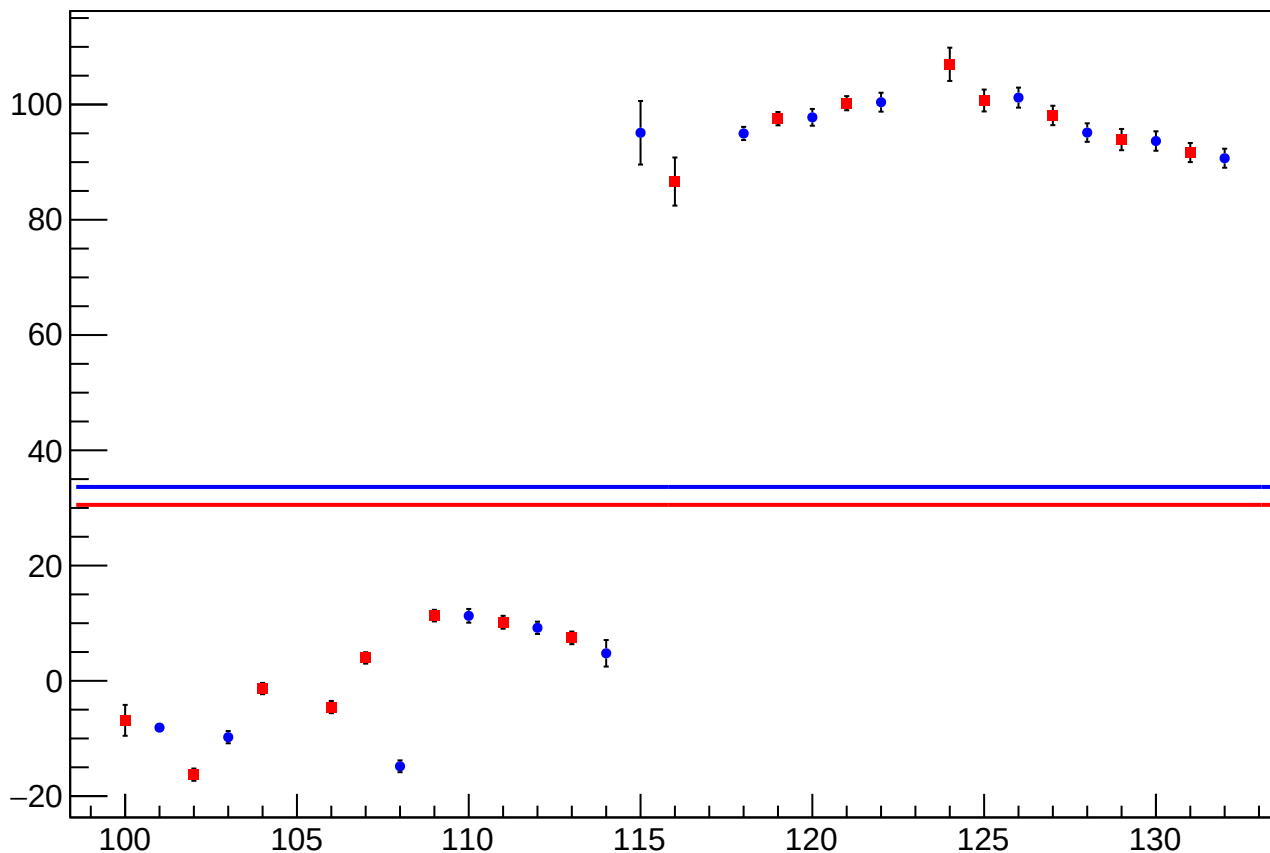
Right: 3.418 $\pm$ 0.198 χ^2 /NDF: 303.7/29

In: 3.910 $\pm$ 0.292 χ^2 /NDF:134.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.418 $\pm$ 0.198 χ^2 /NDF: 303.7/29

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 33.645+/-0.348 χ^2/NDF : 19691.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.534+/-0.325 χ^2/NDF : 19122.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

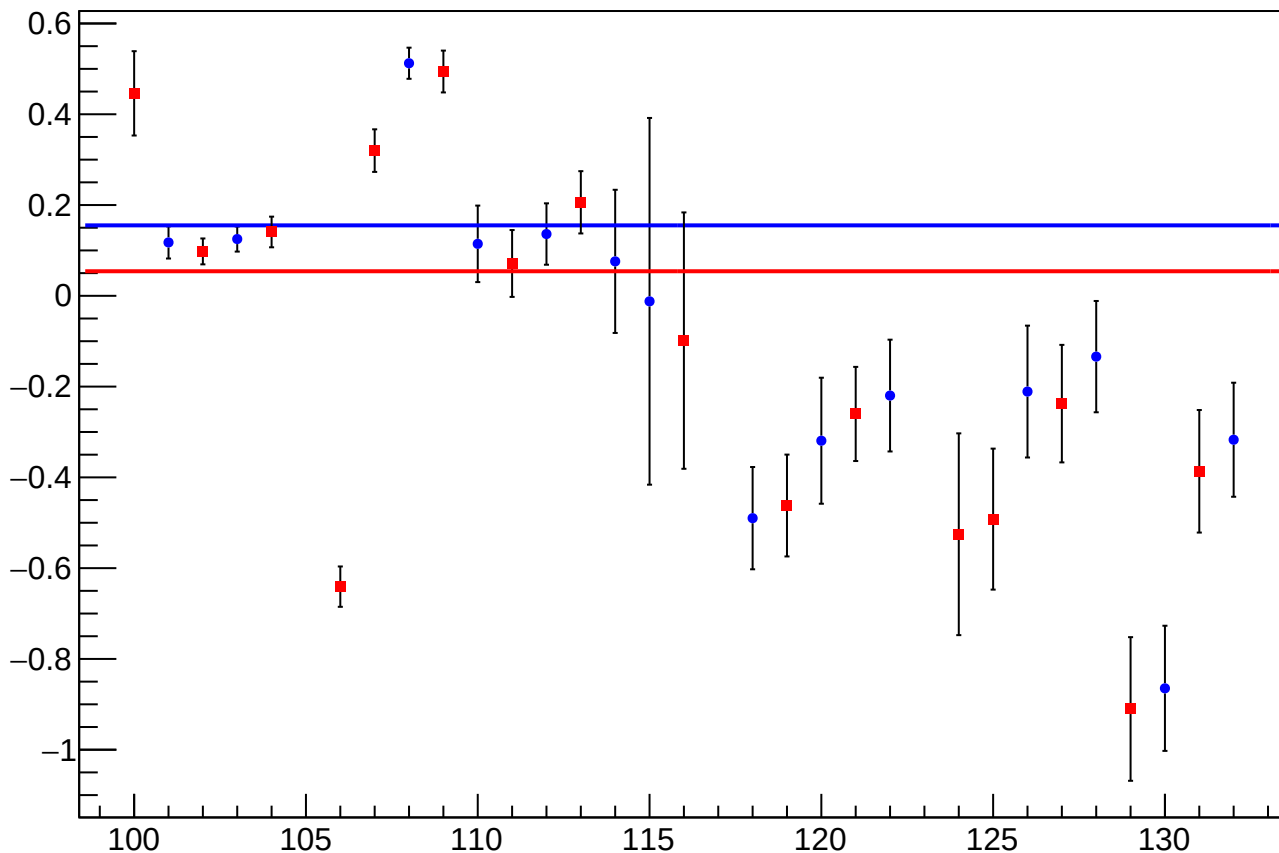
Right: 31.981+/-0.238 χ^2/NDF : 38856.0/29

In: 33.645+/-0.348 χ^2/NDF : 19691.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.981+/-0.238 χ^2/NDF : 38856.0/29

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.155 $\pm$ 0.016 χ^2 /NDF: 246.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.054 $\pm$ 0.015 χ^2 /NDF: 502.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

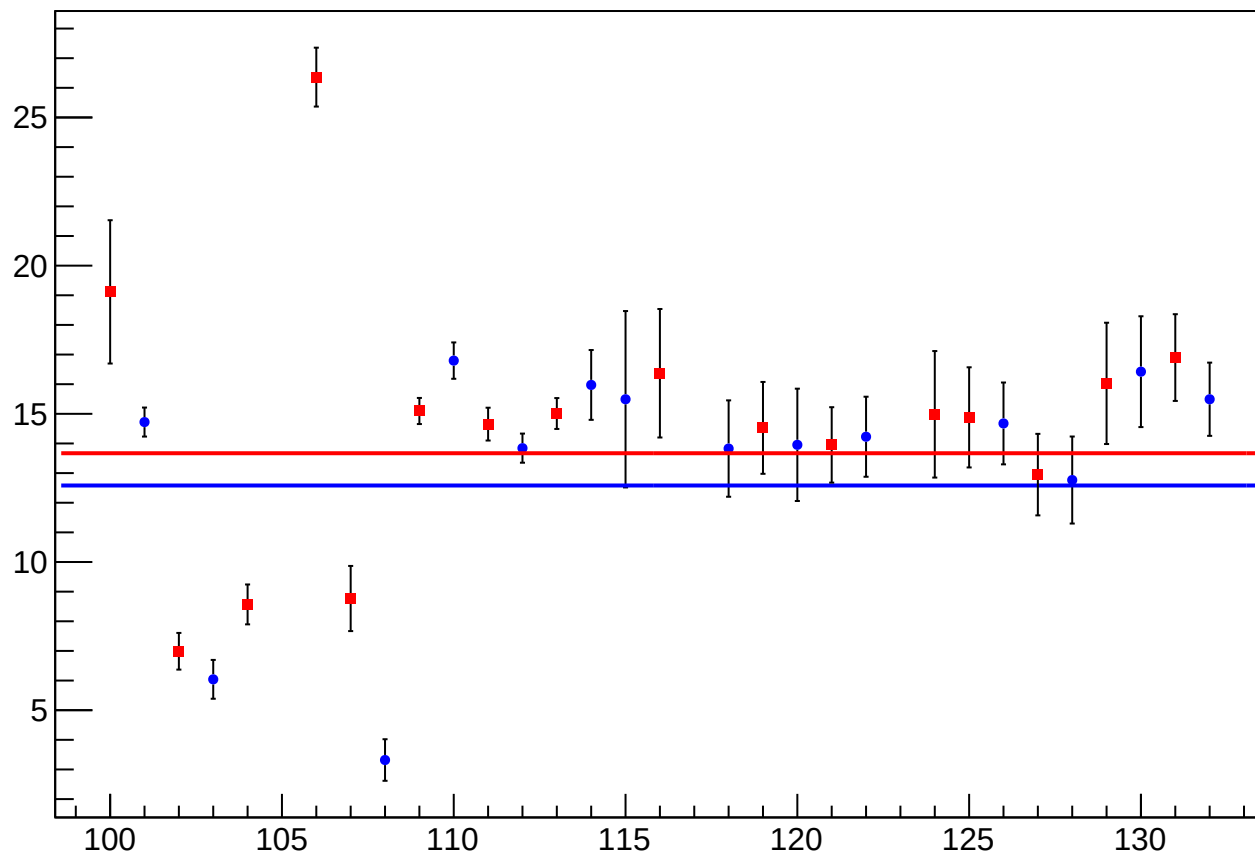
Right: 0.101 $\pm$ 0.011 χ^2 /NDF: 769.0/29

In: 0.155 $\pm$ 0.016 χ^2 /NDF:246.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.101 $\pm$ 0.011 χ^2 /NDF: 769.0/29

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 12.582 $\pm$ 0.228 χ^2 /NDF: 370.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.670 $\pm$ 0.213 χ^2 /NDF: 391.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

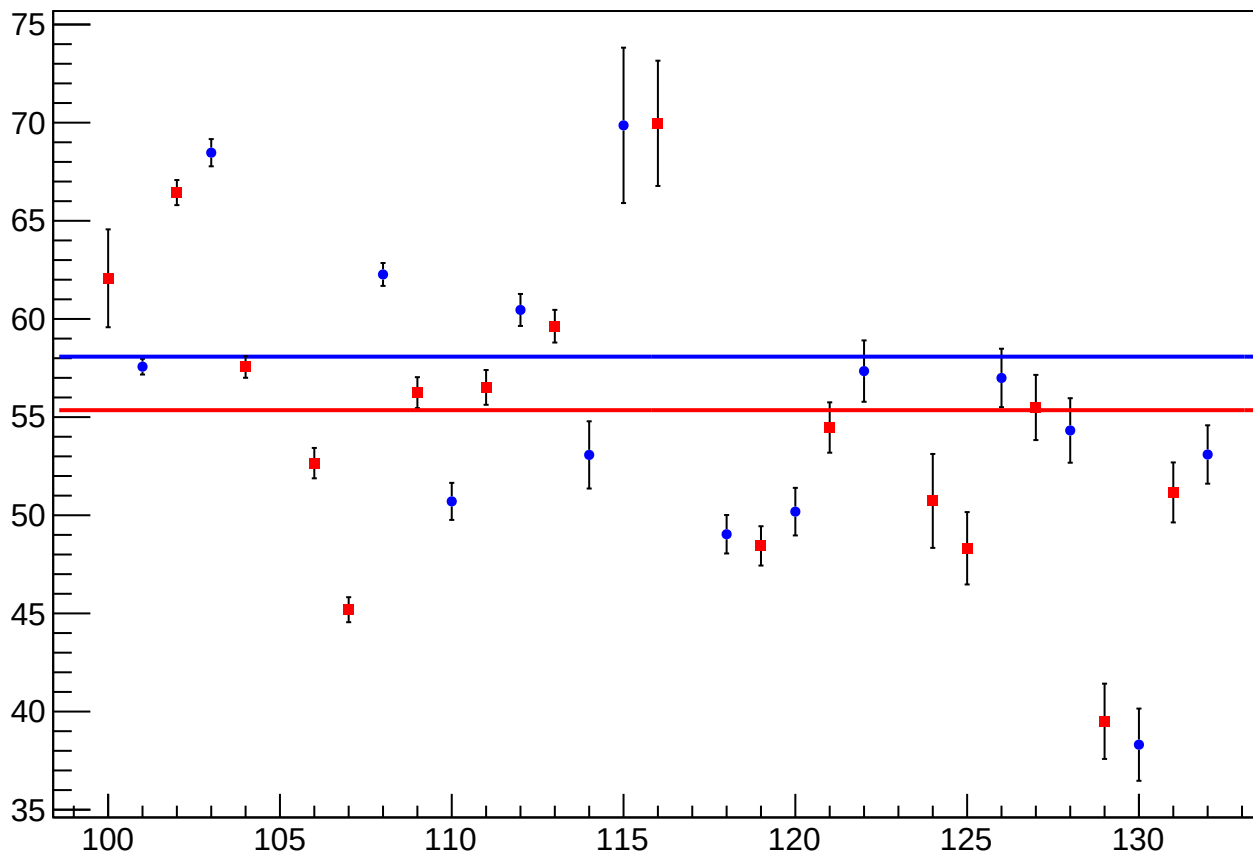
Right: 13.161 $\pm$ 0.156 χ^2 /NDF: 774.7/29

In: 12.582 $\pm$ 0.228 χ^2 /NDF: 370.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13.161 $\pm$ 0.156 χ^2 /NDF: 774.7/29

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 58.080 ± 0.236 χ^2/NDF : 625.2/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 55.353 ± 0.239 χ^2/NDF : 783.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

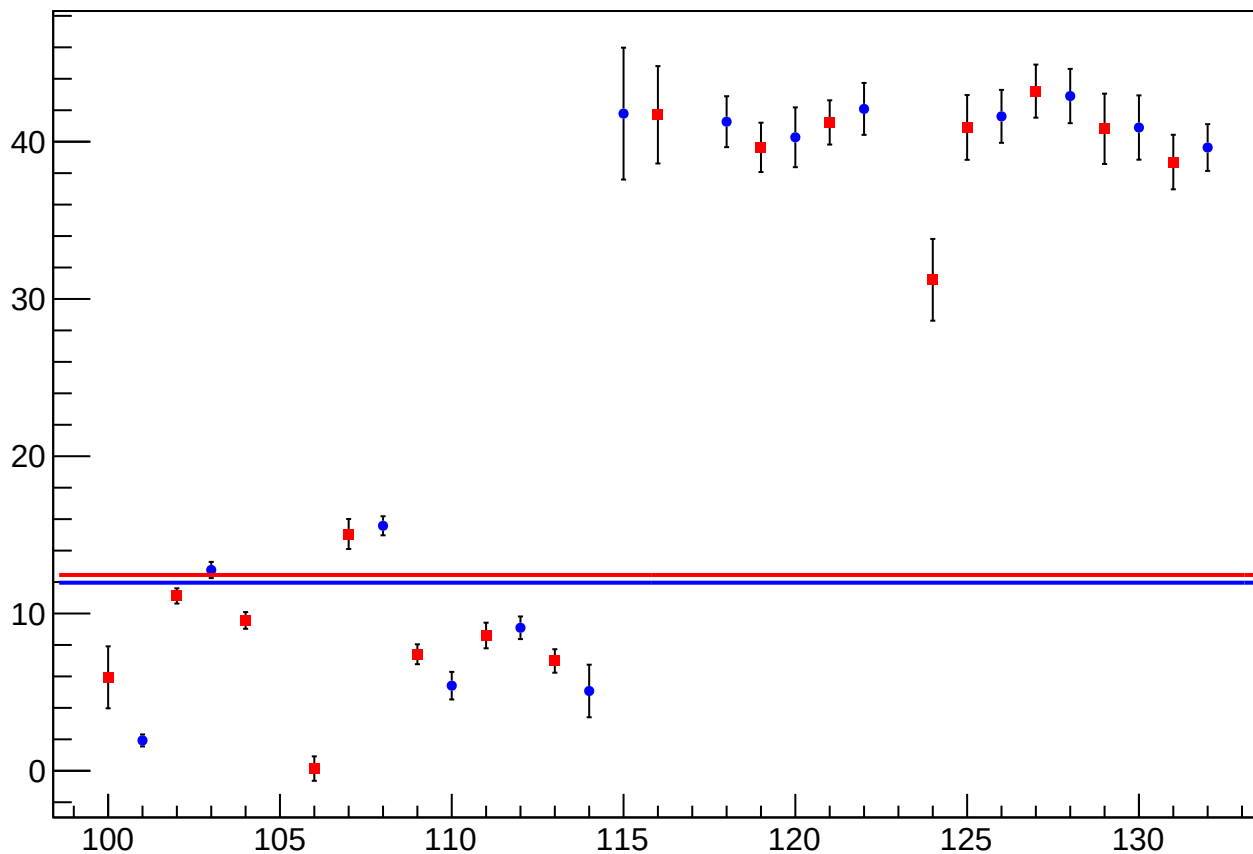
Right: 56.731 ± 0.168 χ^2/NDF : 1474.6/29

In: 58.080 ± 0.236 χ^2/NDF : 625.2/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 56.731 ± 0.168 χ^2/NDF : 1474.6/29

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.959+/-0.227 χ^2/NDF : 2925.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.451+/-0.230 χ^2/NDF : 2220.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

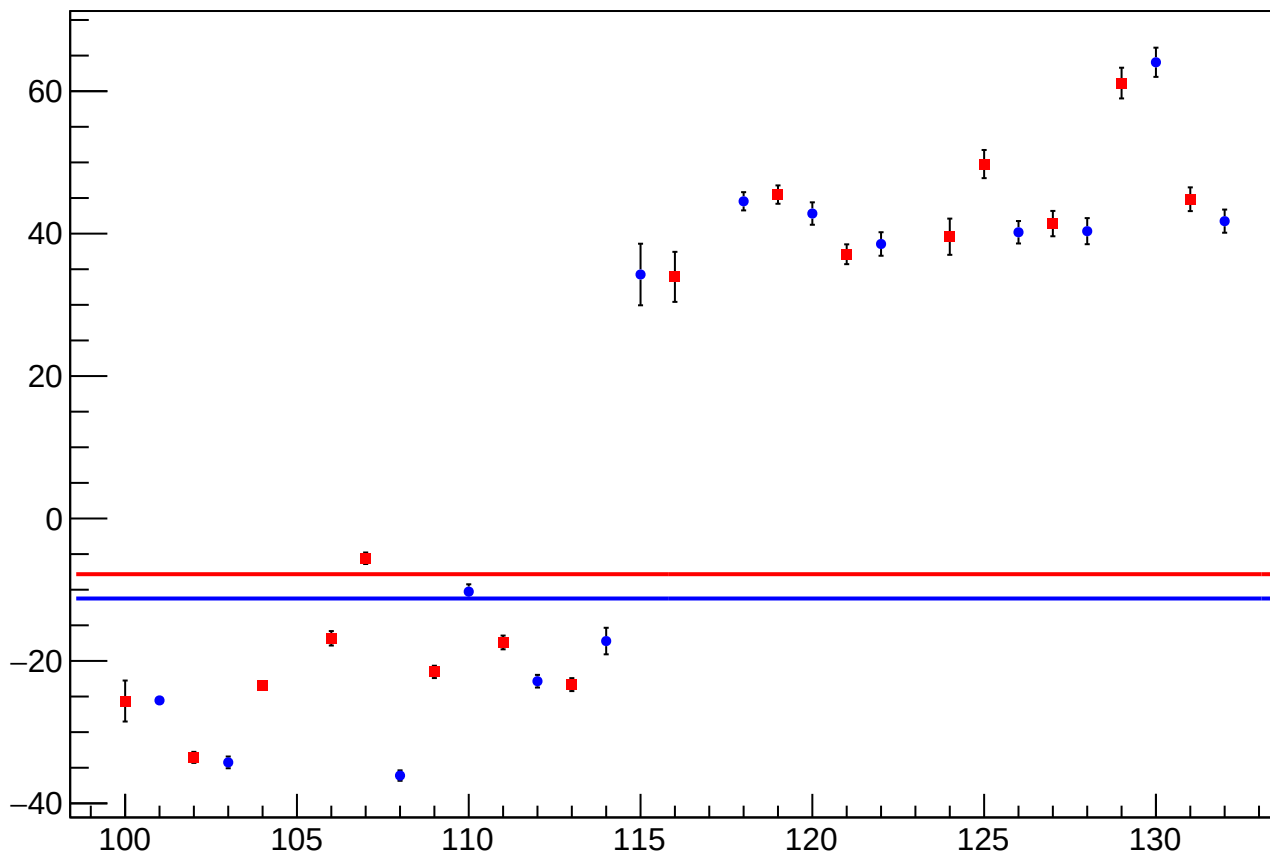
Right: 12.202+/-0.162 χ^2/NDF : 5147.7/29

In: 11.959+/-0.227 χ^2/NDF : 2925.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.202+/-0.162 χ^2/NDF : 5147.7/29

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -11.235 ± 0.284 χ^2/NDF : 11256.9/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.821 ± 0.283 χ^2/NDF : 9250.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

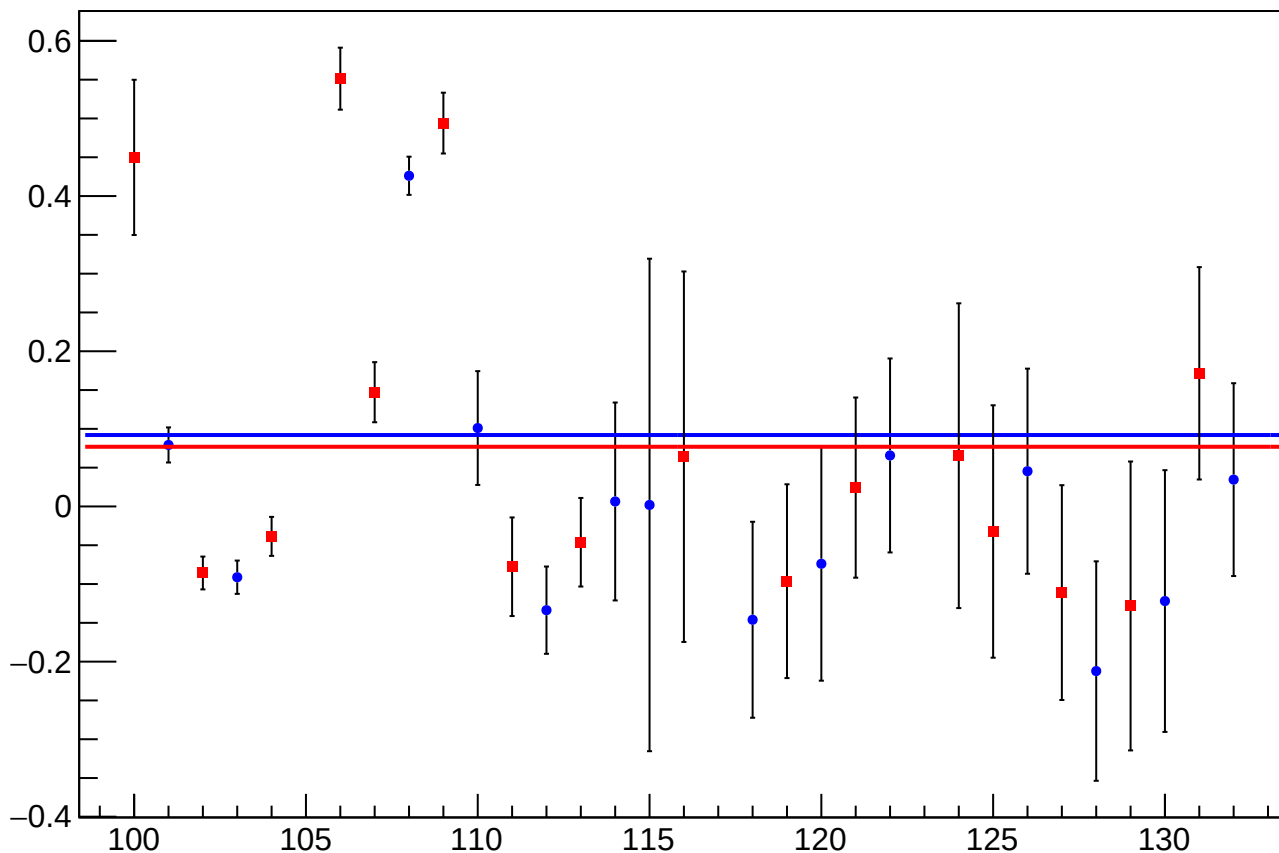
Right: -9.524 ± 0.200 χ^2/NDF : 20579.9/29

In: -11.235 ± 0.284 χ^2/NDF : 11256.9/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.524 ± 0.200 χ^2/NDF : 20579.9/29

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.092 $\pm$ 0.012 χ^2 /NDF: 285.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.077 $\pm$ 0.012 χ^2 /NDF: 368.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

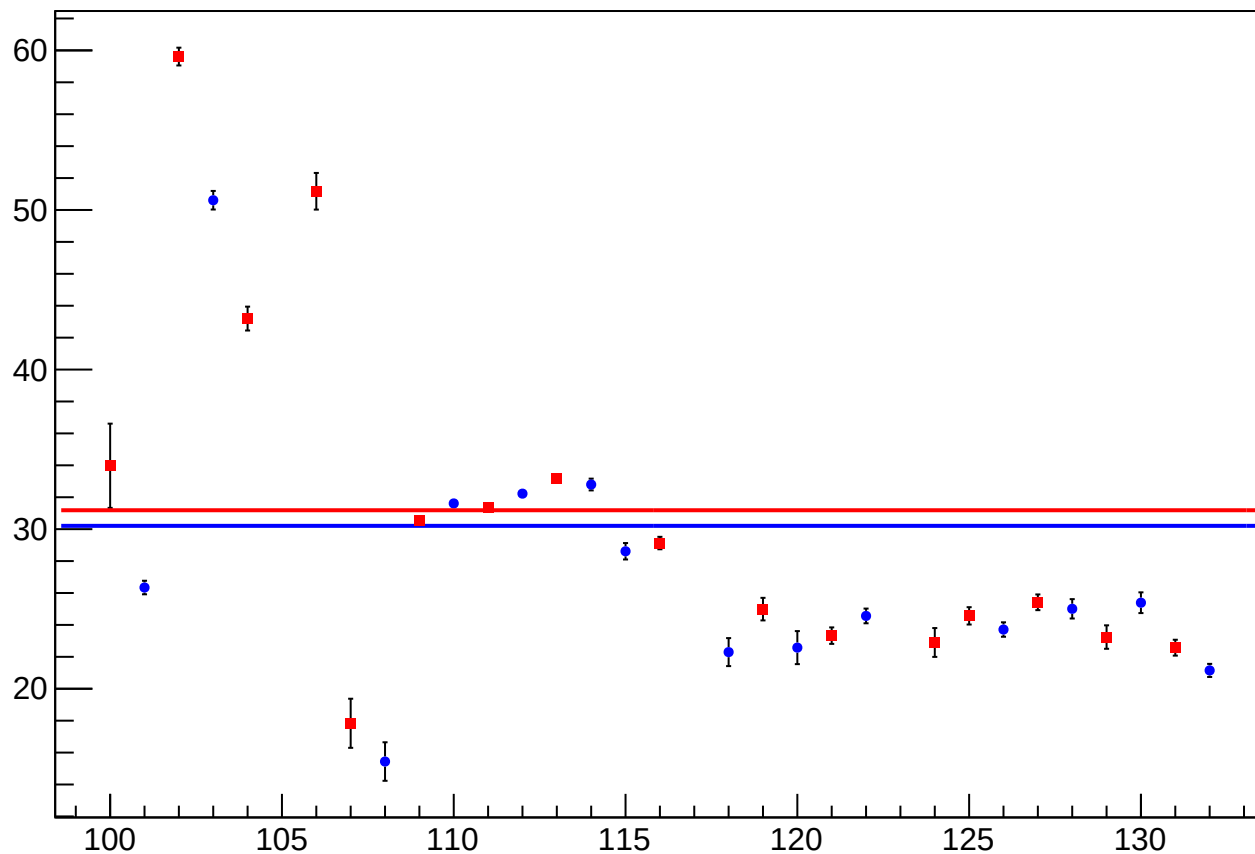
Right: 0.084 $\pm$ 0.009 χ^2 /NDF: 655.1/29

In: 0.092 $\pm$ 0.012 χ^2 /NDF:285.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.084 $\pm$ 0.009 χ^2 /NDF: 655.1/29

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 30.207+/-0.097 χ^2/NDF : 2835.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.185+/-0.082 χ^2/NDF : 4506.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

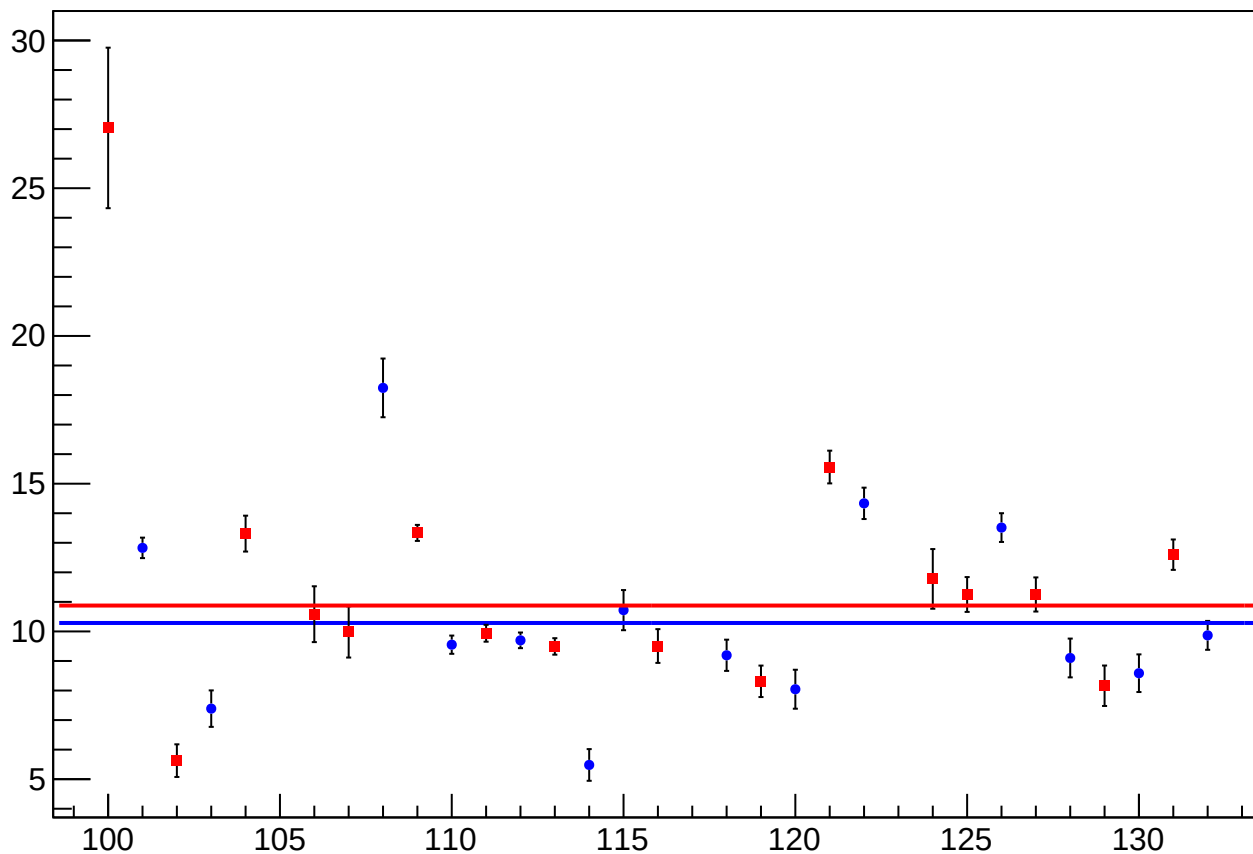
Right: 30.775+/-0.063 χ^2/NDF : 7401.1/29

In: 30.207+/-0.097 χ^2/NDF : 2835.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.775+/-0.063 χ^2/NDF : 7401.1/29

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.286 ± 0.124 $\chi^2/\text{NDF}: 360.5/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 10.876 ± 0.120 $\chi^2/\text{NDF}: 389.5/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

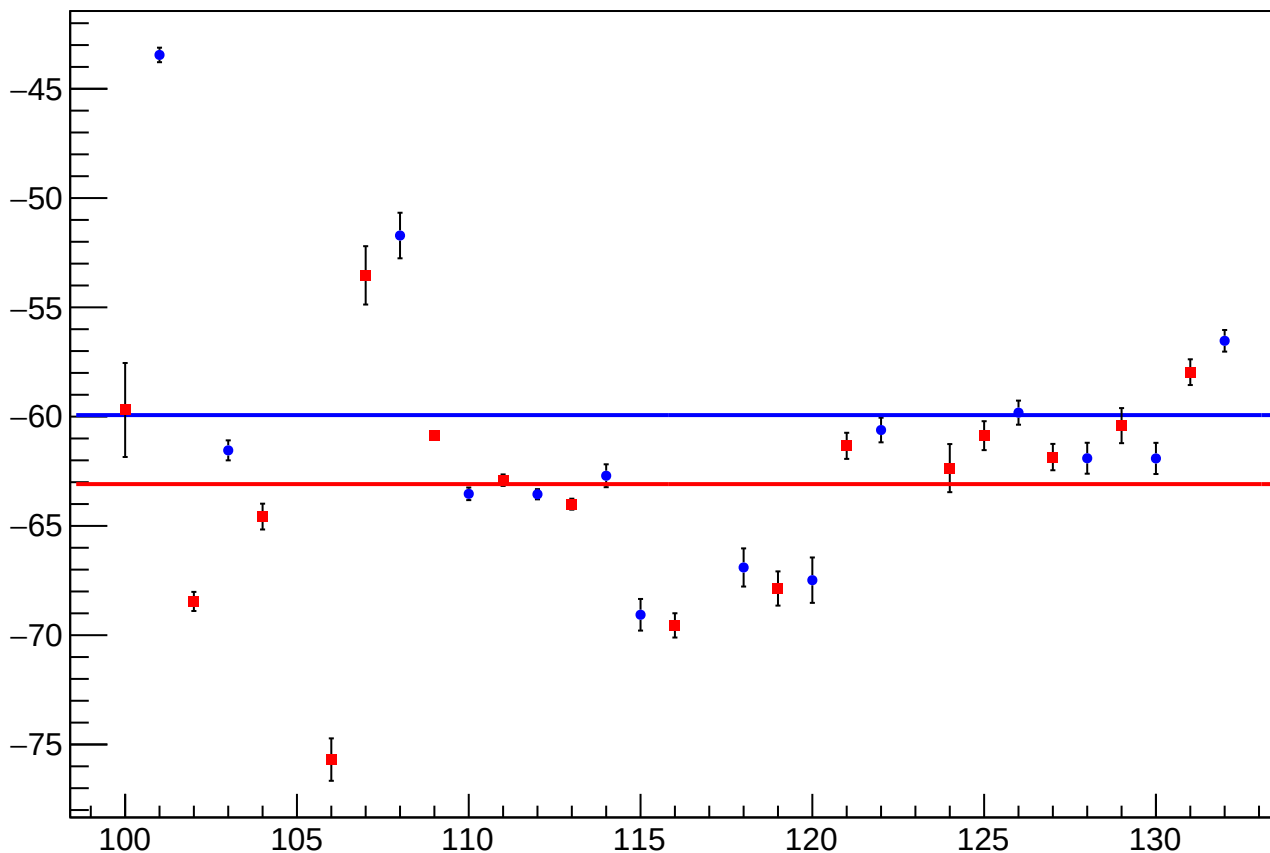
Right: 10.592 ± 0.086 $\chi^2/\text{NDF}: 761.7/29$

In: 10.286 ± 0.124 $\chi^2/\text{NDF}: 360.5/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 10.592 ± 0.086 $\chi^2/\text{NDF}: 761.7/29$

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.930 ± 0.122 $\chi^2/\text{NDF}: 3293.9/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -63.087 ± 0.112 $\chi^2/\text{NDF}: 783.9/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

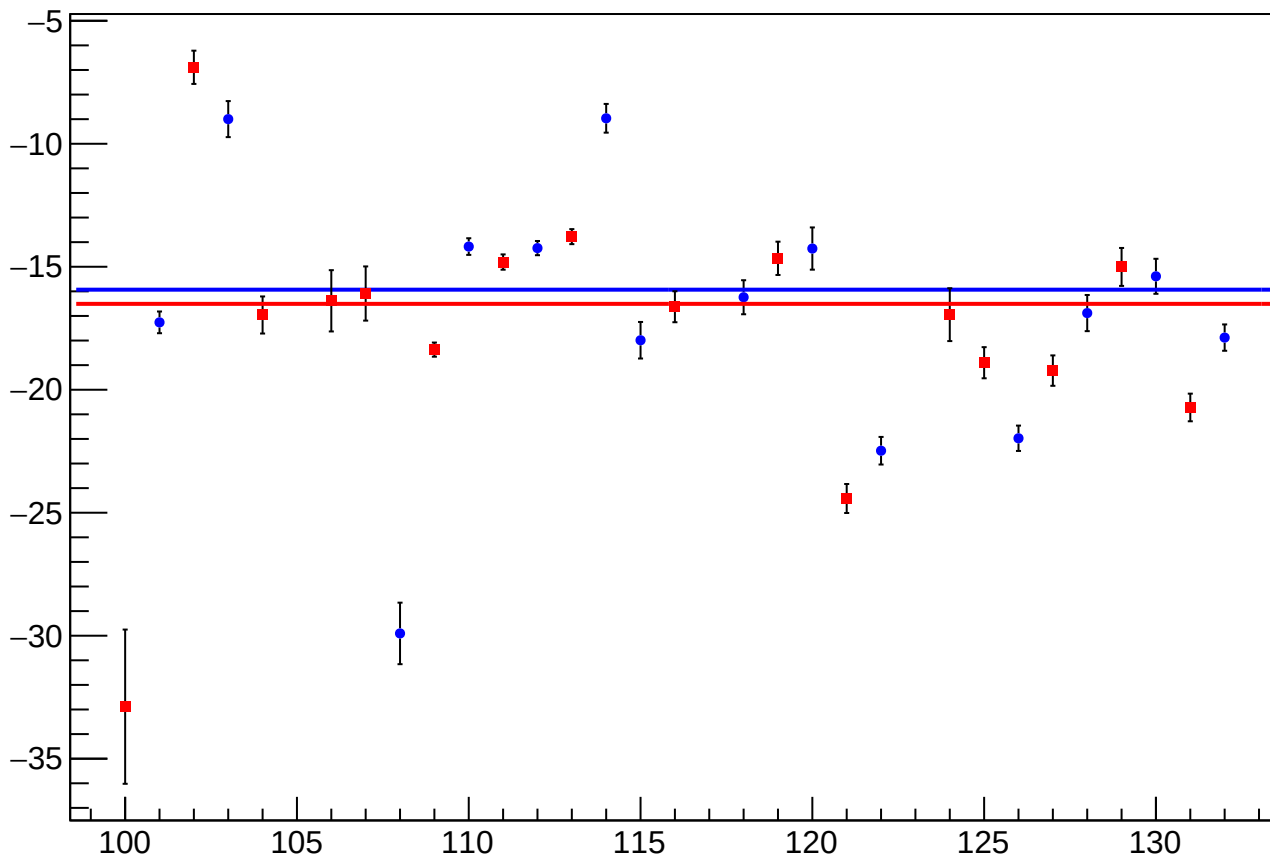
Right: -61.641 ± 0.082 $\chi^2/\text{NDF}: 4441.5/29$

In: -59.930 ± 0.122 $\chi^2/\text{NDF}: 3293.9/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -61.641 ± 0.082 $\chi^2/\text{NDF}: 4441.5/29$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -15.932 ± 0.140 χ^2/NDF : 727.6/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -16.509 ± 0.132 χ^2/NDF : 663.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

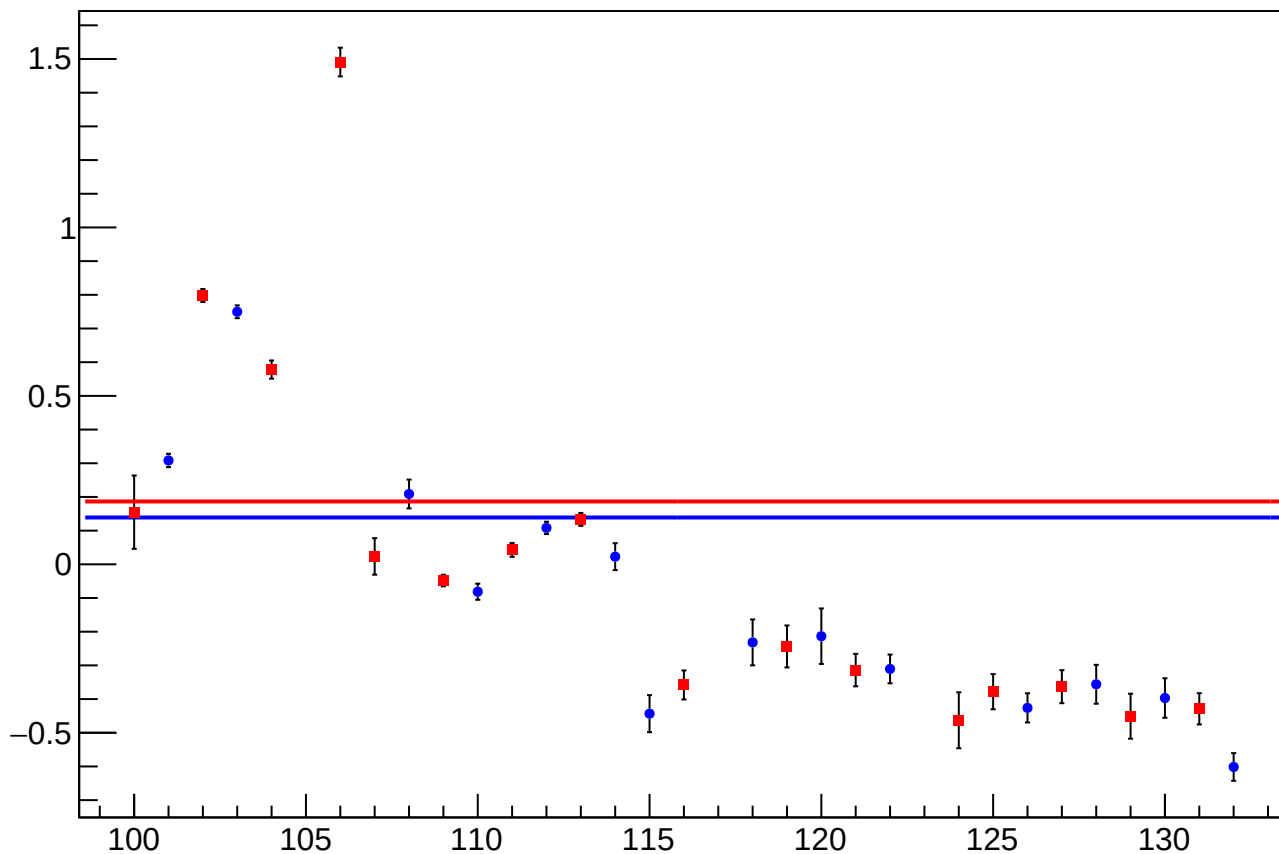
Right: -16.237 ± 0.096 χ^2/NDF : 1400.3/29

In: -15.932 ± 0.140 χ^2/NDF : 727.6/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.237 ± 0.096 χ^2/NDF : 1400.3/29

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.139+/-0.008 χ^2/NDF : 2128.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.187+/-0.008 χ^2/NDF : 3299.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

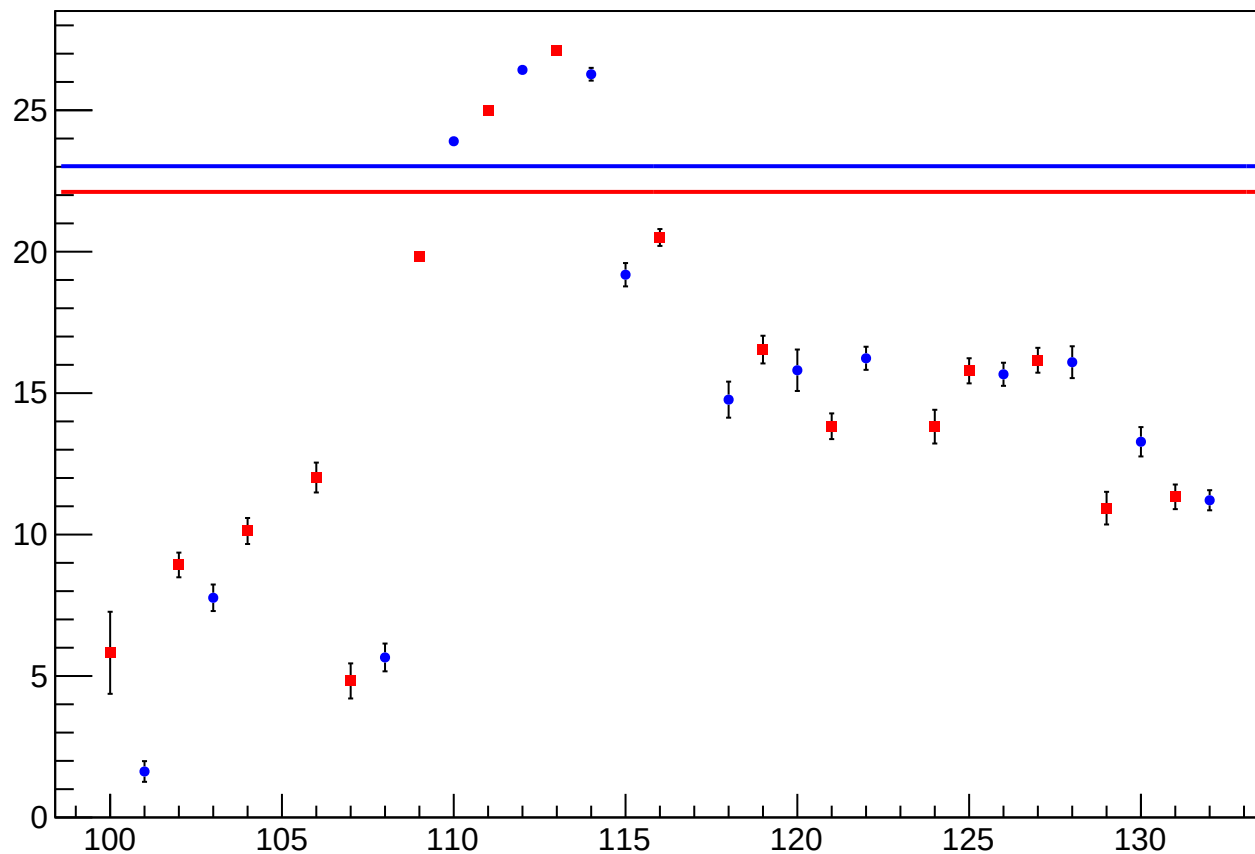
Right: 0.164+/-0.006 χ^2/NDF : 5444.6/29

In: 0.139+/-0.008 χ^2/NDF : 2128.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.164+/-0.006 χ^2/NDF : 5444.6/29

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 23.022 $\pm$ 0.058 χ^2 /NDF: 10106.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 22.114 $\pm$ 0.047 χ^2 /NDF: 9368.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

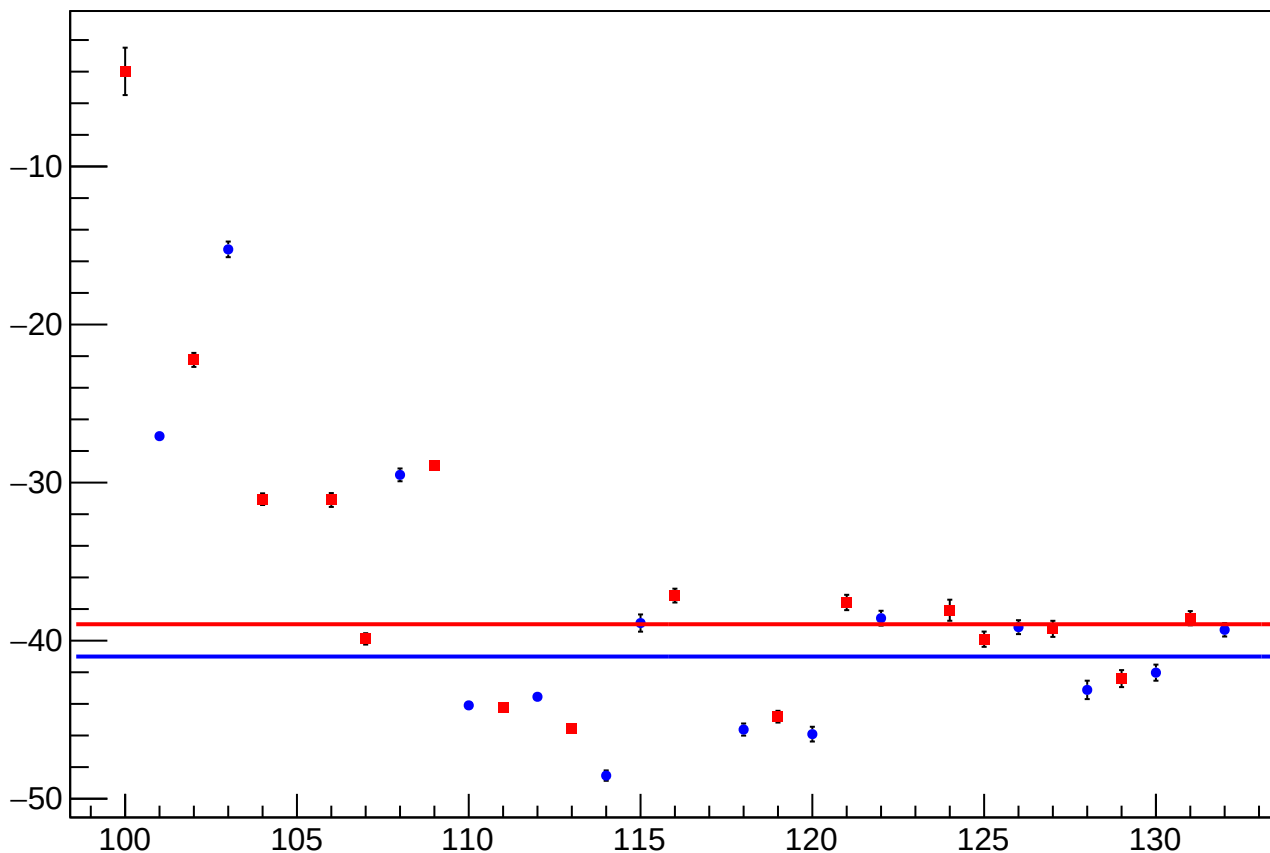
Right: 22.470 $\pm$ 0.037 χ^2 /NDF: 19622.1/29

In: 23.022 $\pm$ 0.058 χ^2 /NDF:10106.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 22.470 $\pm$ 0.037 χ^2 /NDF: 19622.1/29

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -41.004+/-0.081 χ^2/NDF : 7251.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.961+/-0.074 χ^2/NDF : 9729.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

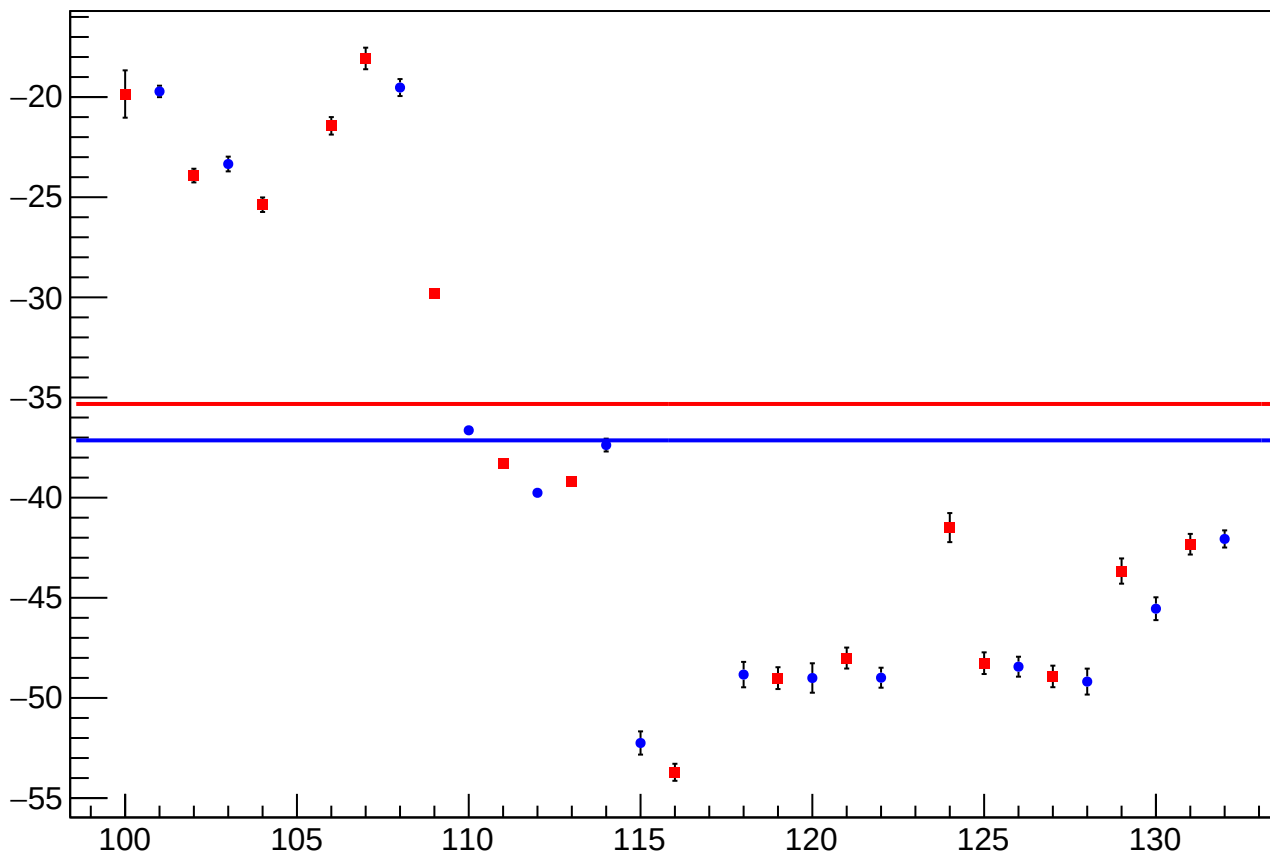
Right: -39.884+/-0.054 χ^2/NDF : 17329.4/29

In: -41.004+/-0.081 χ^2/NDF : 7251.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.884+/-0.054 χ^2/NDF : 17329.4/29

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -37.140 ± 0.078 χ^2/NDF : 10329.8/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -35.323 ± 0.066 χ^2/NDF : 12209.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

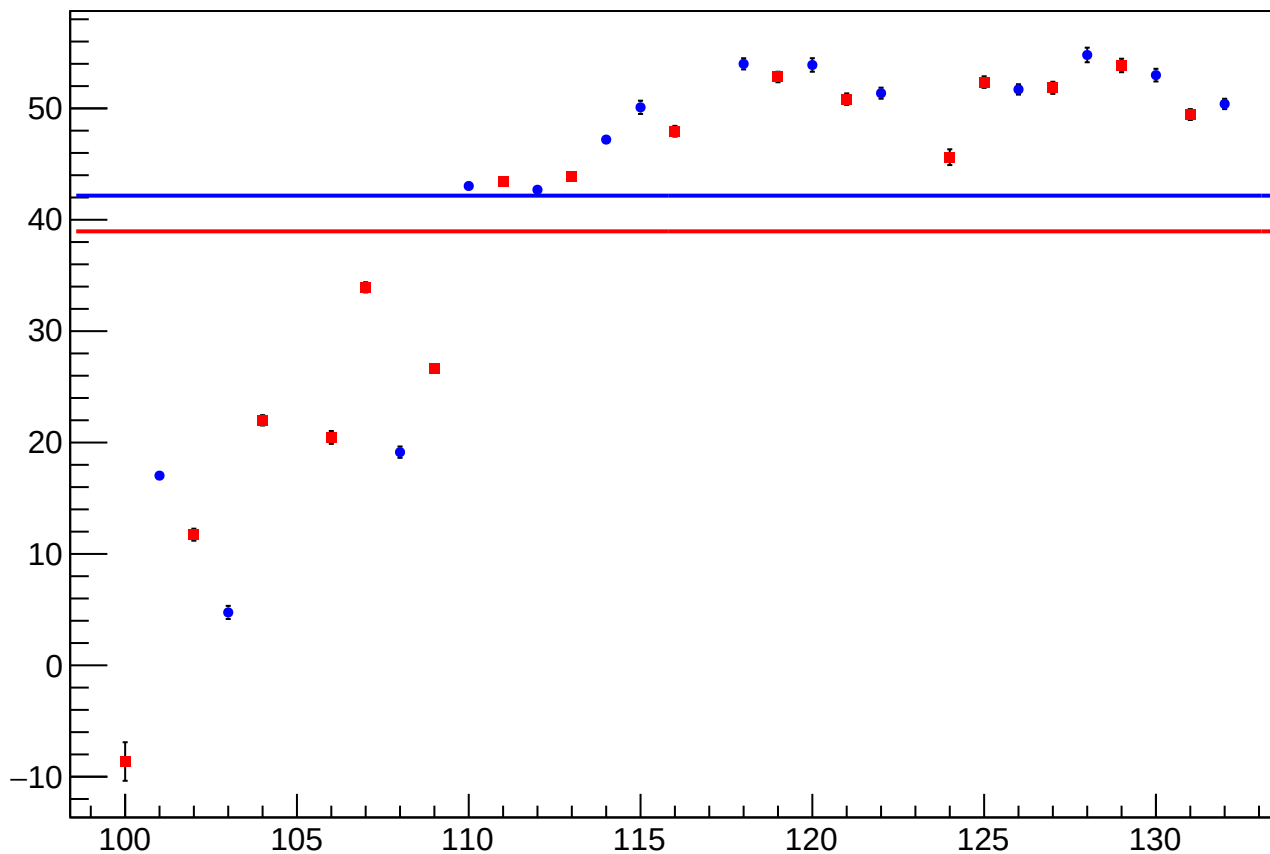
Right: -36.084 ± 0.050 χ^2/NDF : 22857.5/29

In: -37.140 ± 0.078 χ^2/NDF : 10329.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -36.084 ± 0.050 χ^2/NDF : 22857.5/29

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.165+/-0.091 χ^2/NDF : 13614.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.960+/-0.081 χ^2/NDF : 16649.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

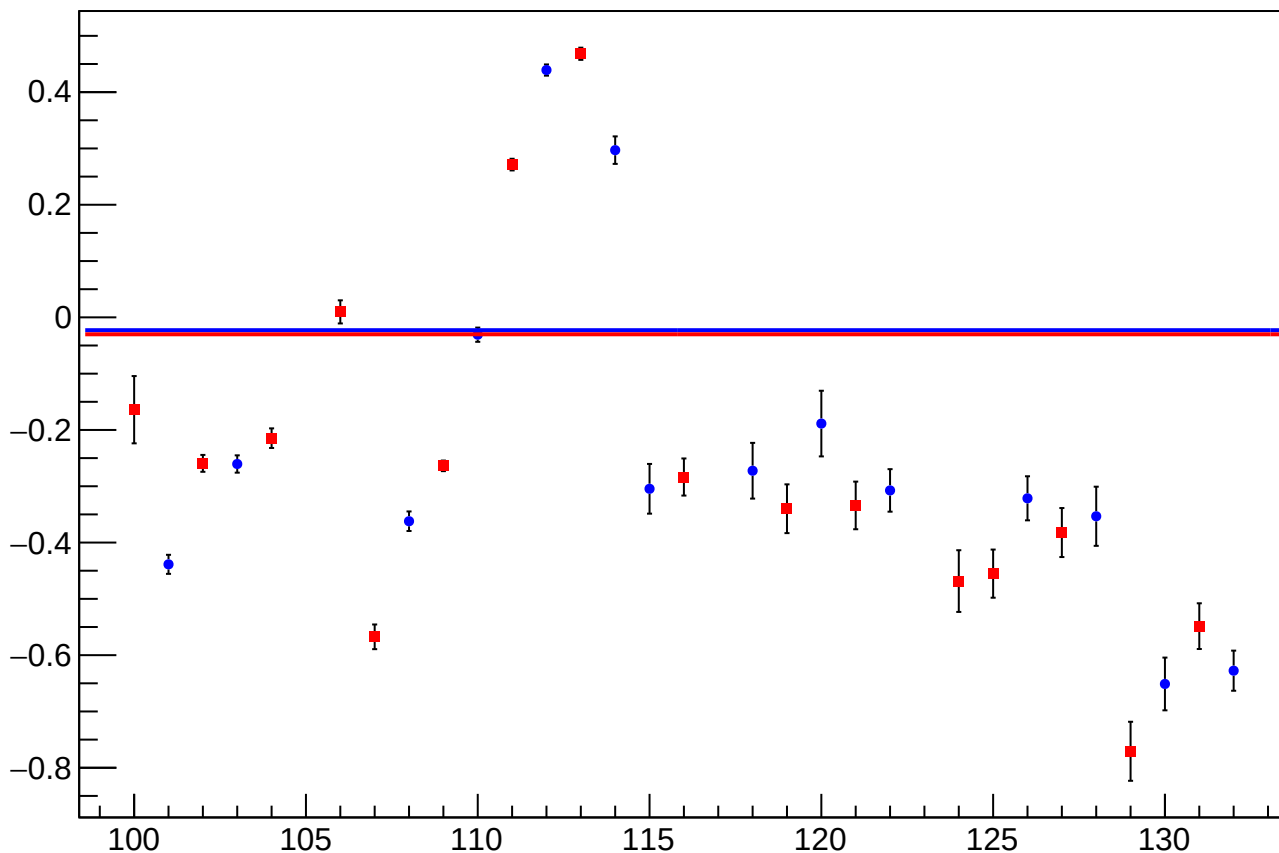
Right: 40.379+/-0.061 χ^2/NDF : 30956.7/29

In: 42.165+/-0.091 χ^2/NDF : 13614.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.379+/-0.061 χ^2/NDF : 30956.7/29

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.005 χ^2/NDF : 4251.5/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.030 ± 0.005 χ^2/NDF : 5290.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

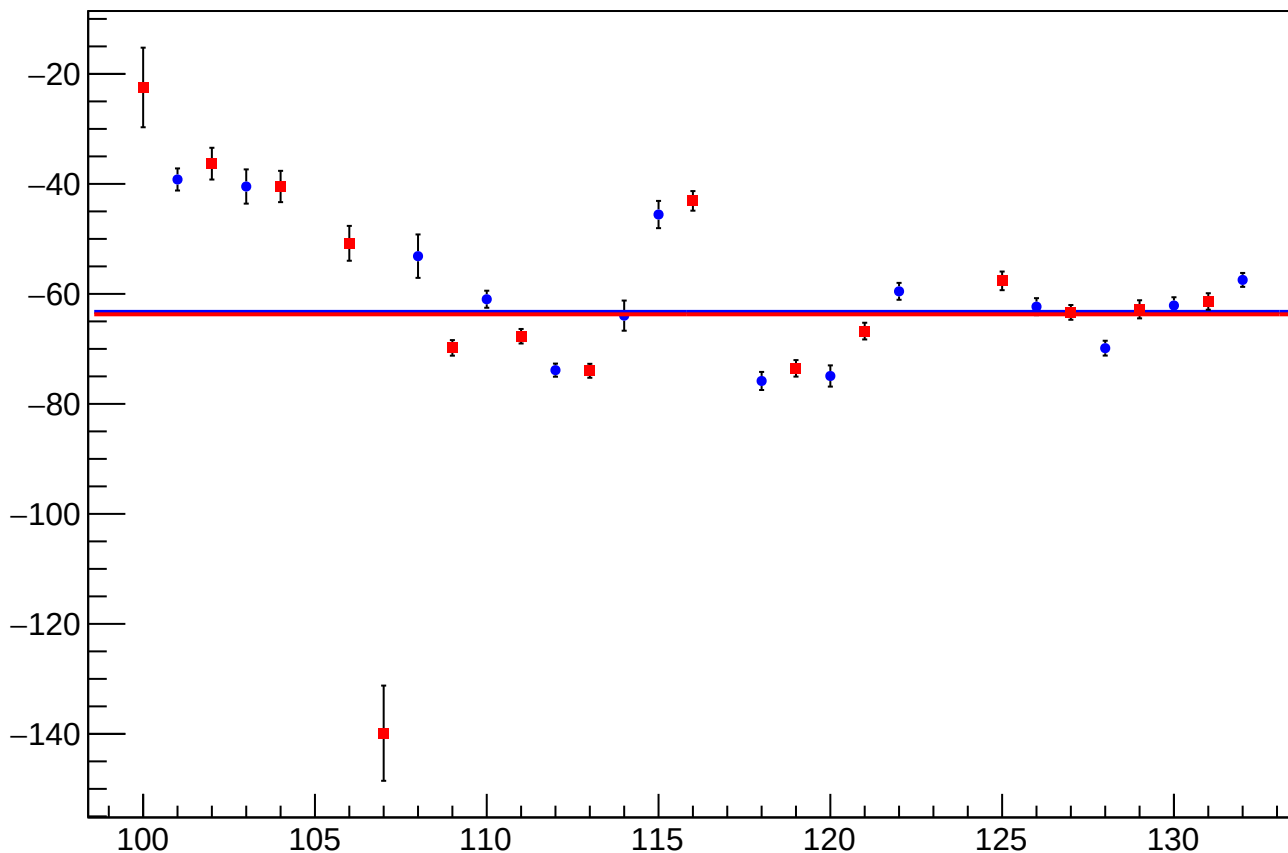
Right: -0.027 ± 0.004 χ^2/NDF : 9543.0/29

In: -0.023 ± 0.005 χ^2/NDF : 4251.5/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.027 ± 0.004 χ^2/NDF : 9543.0/29

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -63.272+/-0.450 χ^2/NDF : 482.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -63.712+/-0.448 χ^2/NDF : 573.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

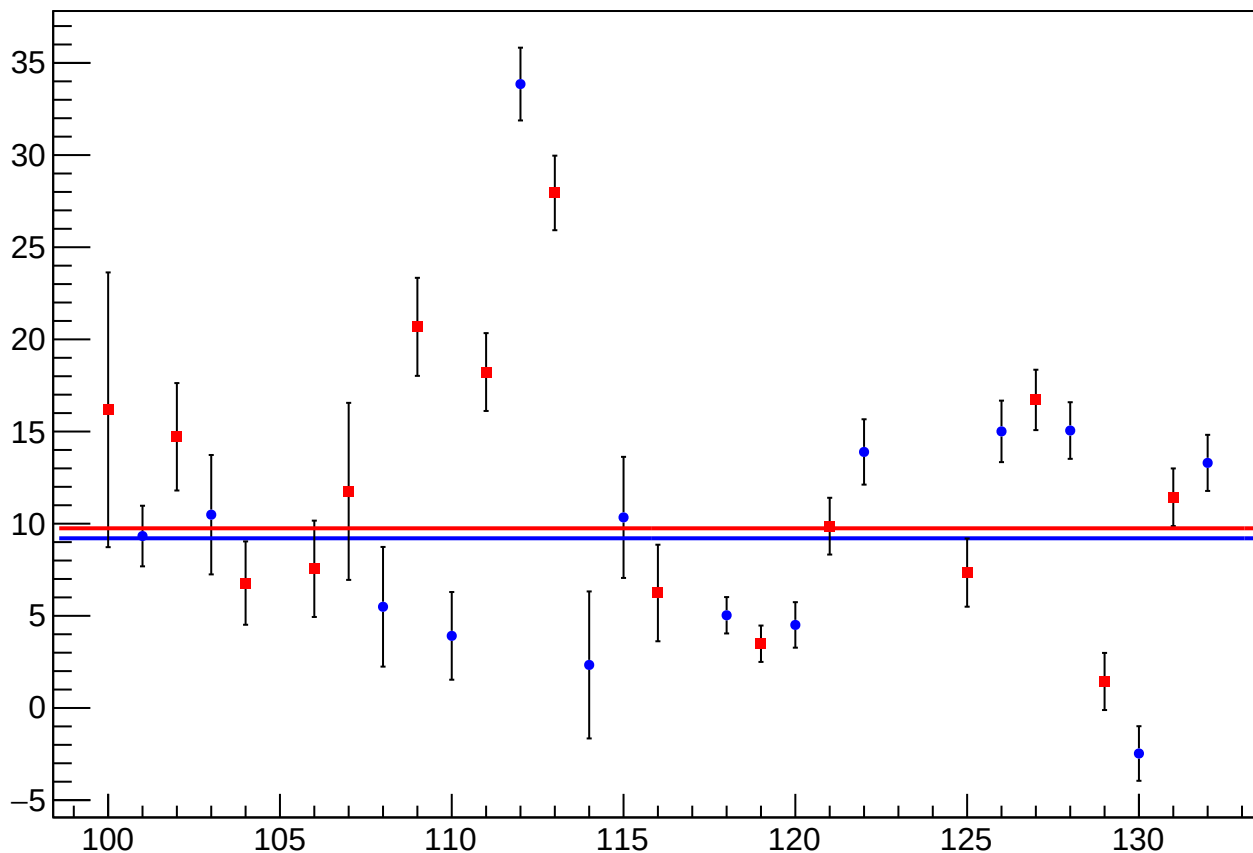
Right: -63.493+/-0.318 χ^2/NDF : 1056.3/28

In: -63.272+/-0.450 χ^2/NDF :482.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -63.493+/-0.318 χ^2/NDF : 1056.3/28

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.207+/-0.455 χ^2/NDF : 300.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.749+/-0.487 χ^2/NDF : 212.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

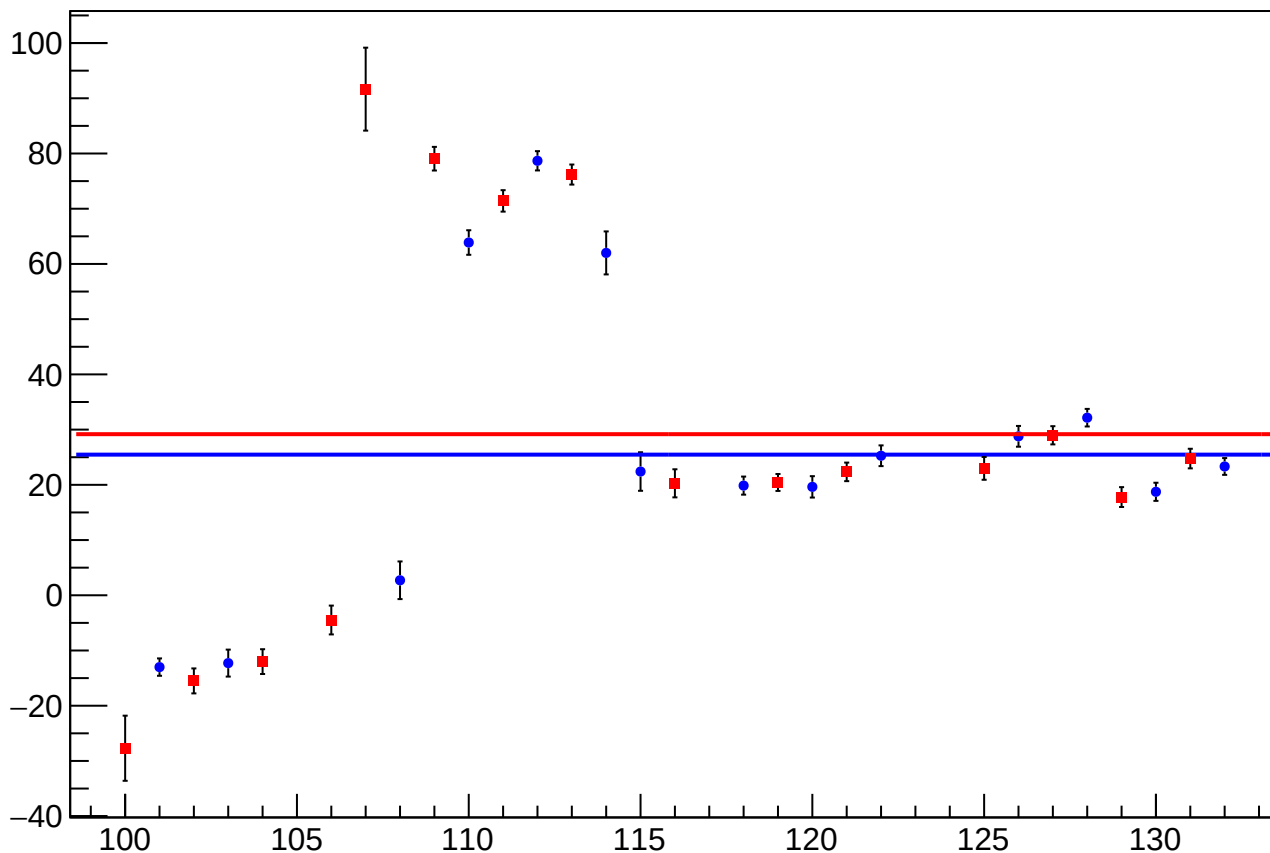
Right: 9.460+/-0.333 χ^2/NDF : 513.3/28

In: 9.207+/-0.455 χ^2/NDF : 300.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.460+/-0.333 χ^2/NDF : 513.3/28

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 25.468+/-0.517 χ^2 /NDF: 2258.4/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 29.173+/-0.532 χ^2 /NDF: 2858.5/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

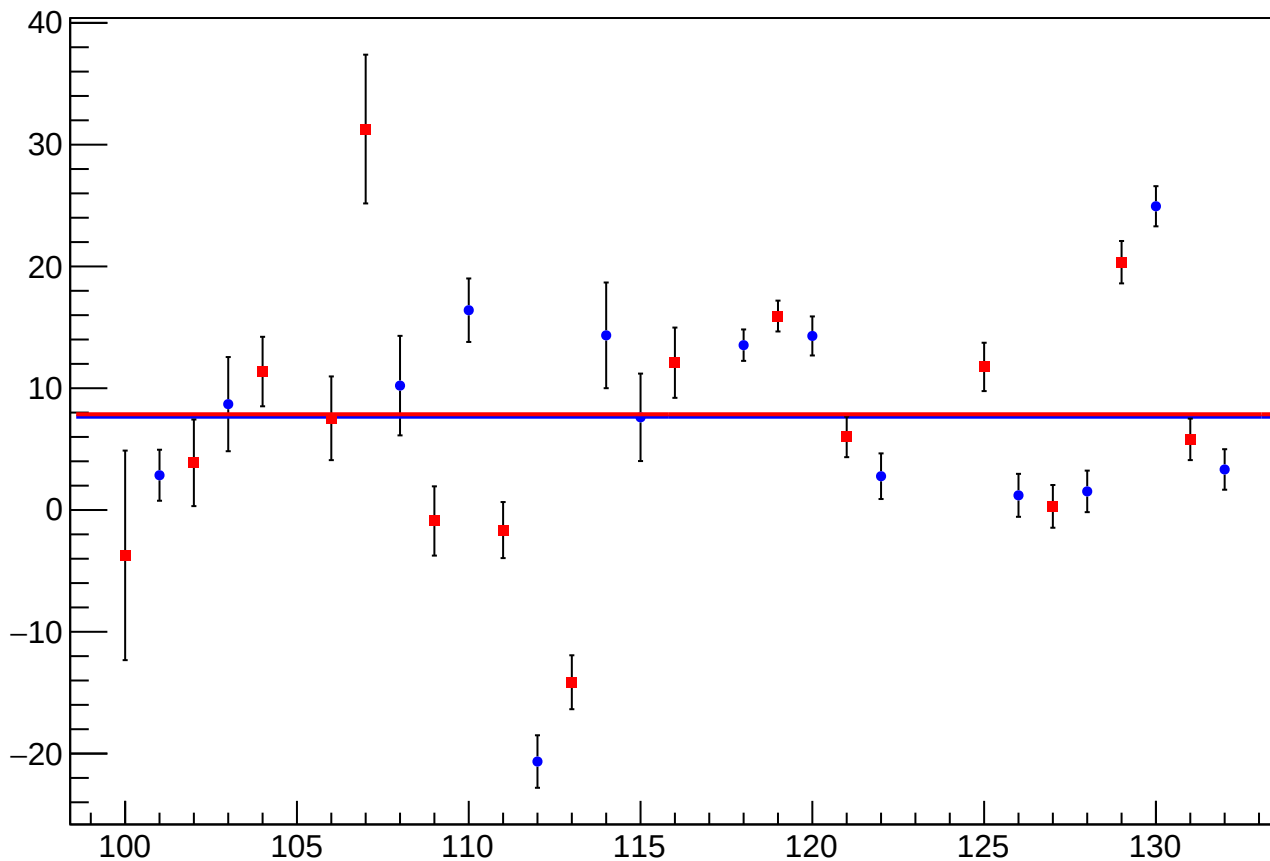
Right: 27.269+/-0.371 χ^2 /NDF: 5141.8/28

In: 25.468+/-0.517 χ^2 /NDF:2258.4/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 27.269+/-0.371 χ^2 /NDF: 5141.8/28

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.662 $\pm$ 0.533 χ^2 /NDF: 379.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 7.862 $\pm$ 0.559 χ^2 /NDF: 264.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

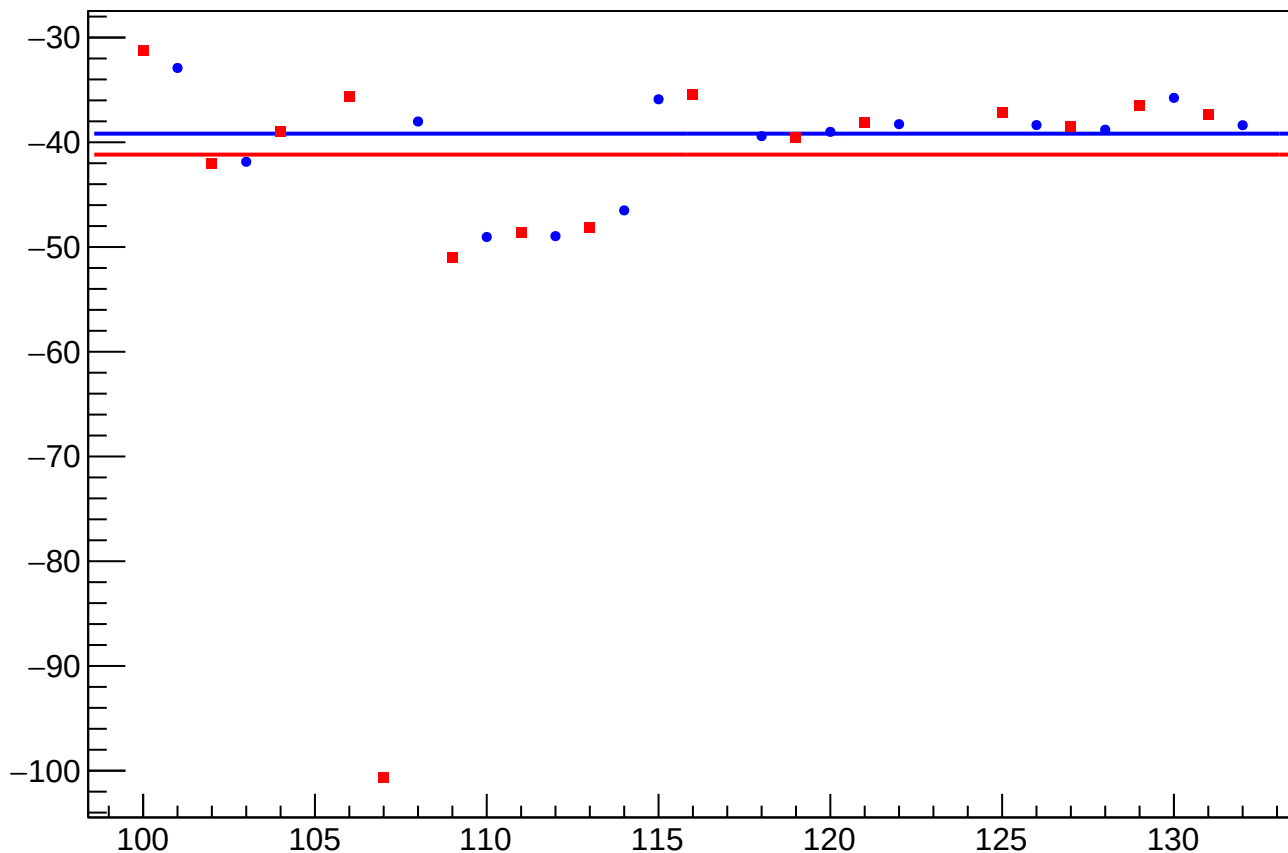
Right: 7.757 $\pm$ 0.386 χ^2 /NDF: 643.3/28

In: 7.662 $\pm$ 0.533 χ^2 /NDF:379.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 7.757 $\pm$ 0.386 χ^2 /NDF: 643.3/28

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.176 $\pm$ 0.037 χ^2 /NDF: 14751.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -41.177 $\pm$ 0.037 χ^2 /NDF: 54667.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

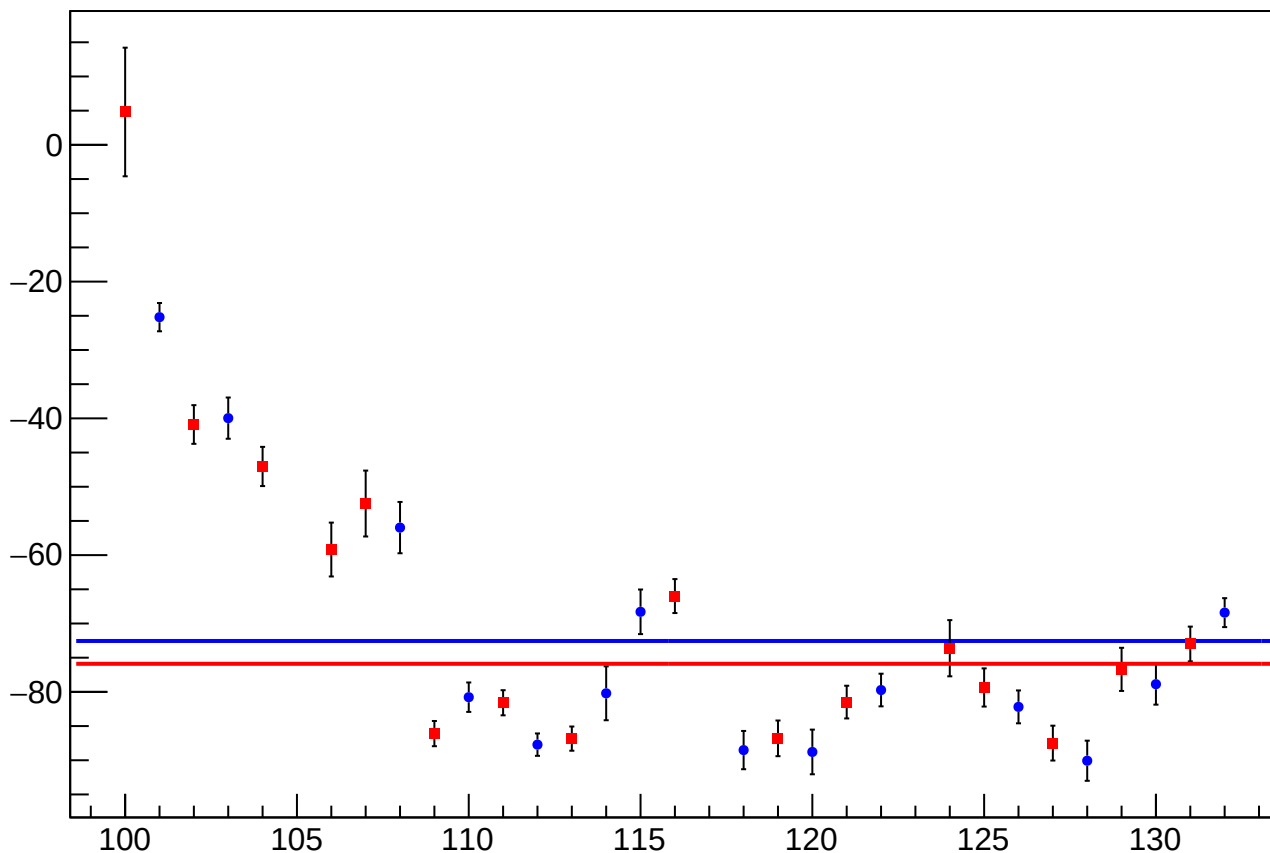
Right: -40.178 $\pm$ 0.026 χ^2 /NDF: 70908.3/28

In: -39.176 $\pm$ 0.037 χ^2 /NDF:14751.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -40.178 $\pm$ 0.026 χ^2 /NDF: 70908.3/28

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -72.555+/-0.677 χ^2/NDF : 892.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -75.893+/-0.652 χ^2/NDF : 511.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

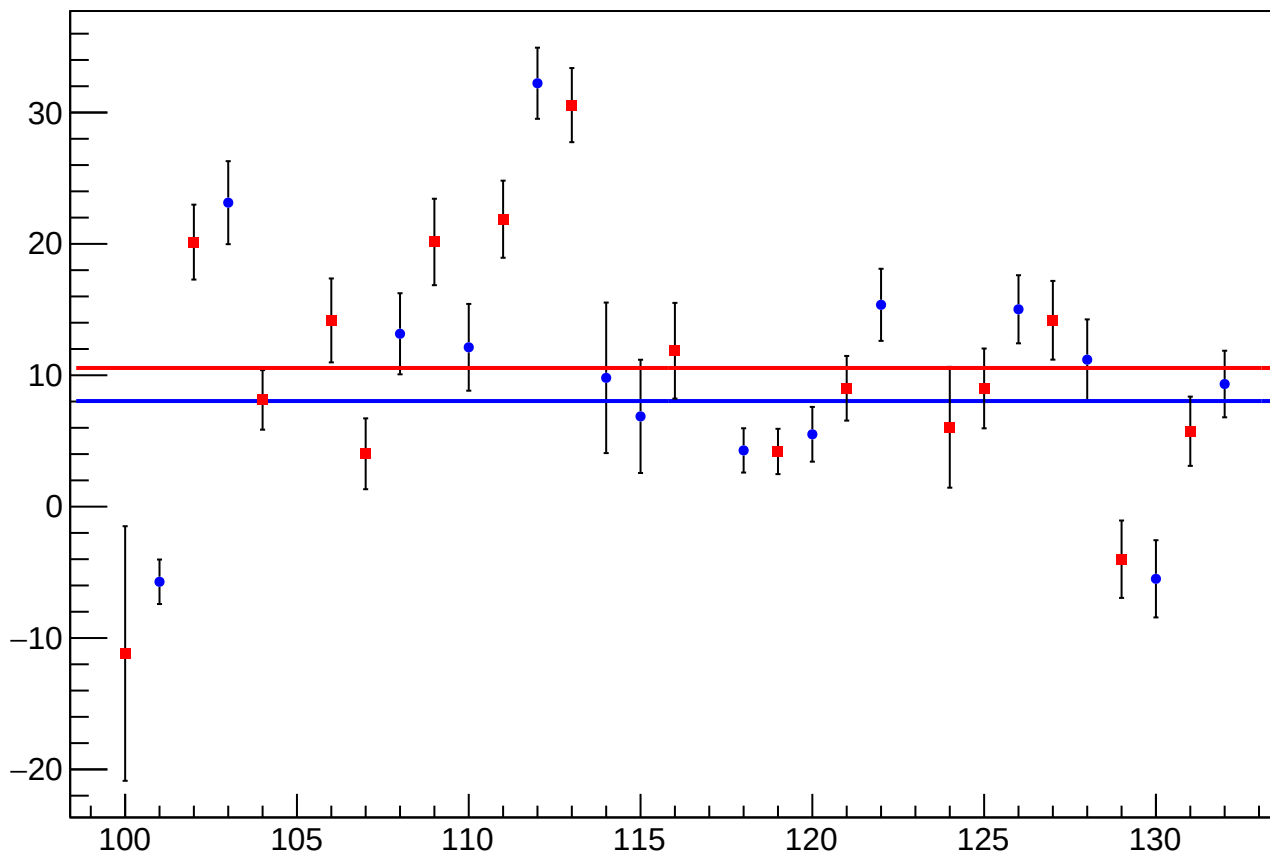
Right: -74.288+/-0.469 χ^2/NDF : 1415.7/29

In: -72.555+/-0.677 χ^2/NDF : 892.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -74.288+/-0.469 χ^2/NDF : 1415.7/29

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.038 $\pm$ 0.689 χ^2 /NDF: 216.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 10.555 $\pm$ 0.707 χ^2 /NDF: 142.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

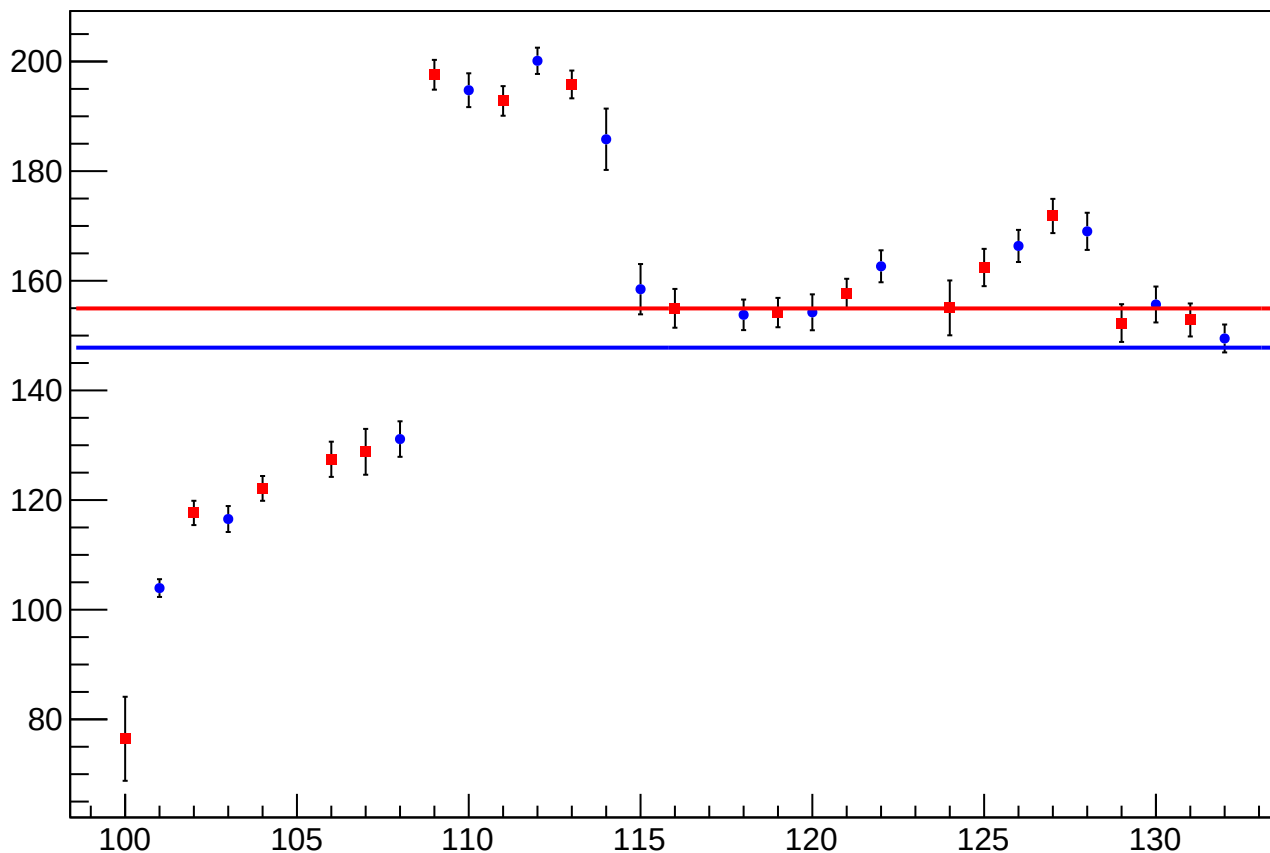
Right: 9.264 $\pm$ 0.493 χ^2 /NDF: 365.8/29

In: 8.038 $\pm$ 0.689 χ^2 /NDF:216.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 9.264 $\pm$ 0.493 χ^2 /NDF: 365.8/29

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 147.803+/-0.745 χ^2/NDF : 1813.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.954+/-0.749 χ^2/NDF : 1450.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

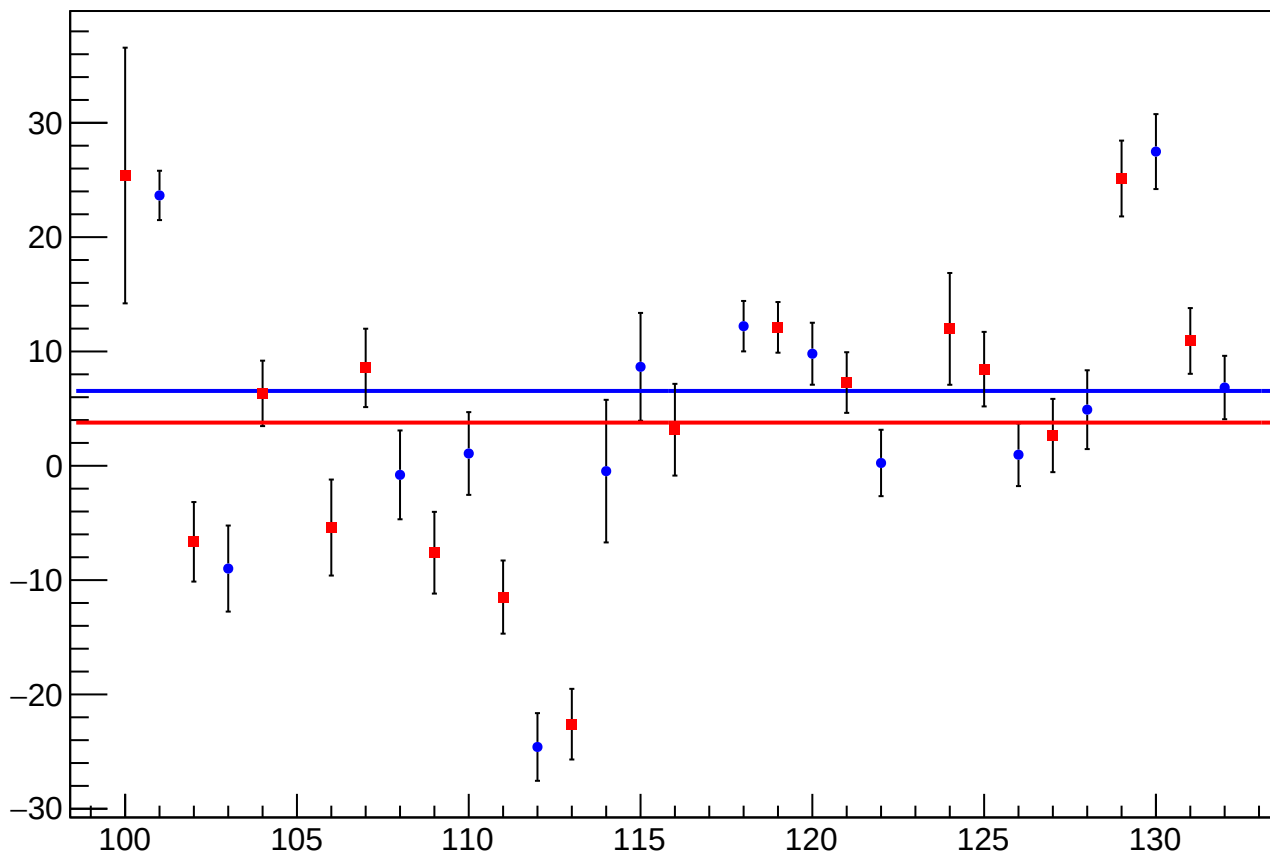
Right: 151.355+/-0.528 χ^2/NDF : 3310.1/29

In: 147.803+/-0.745 χ^2/NDF : 1813.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.355+/-0.528 χ^2/NDF : 3310.1/29

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.547 $\pm$ 0.813 χ^2 /NDF: 255.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.778 $\pm$ 0.820 χ^2 /NDF: 194.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

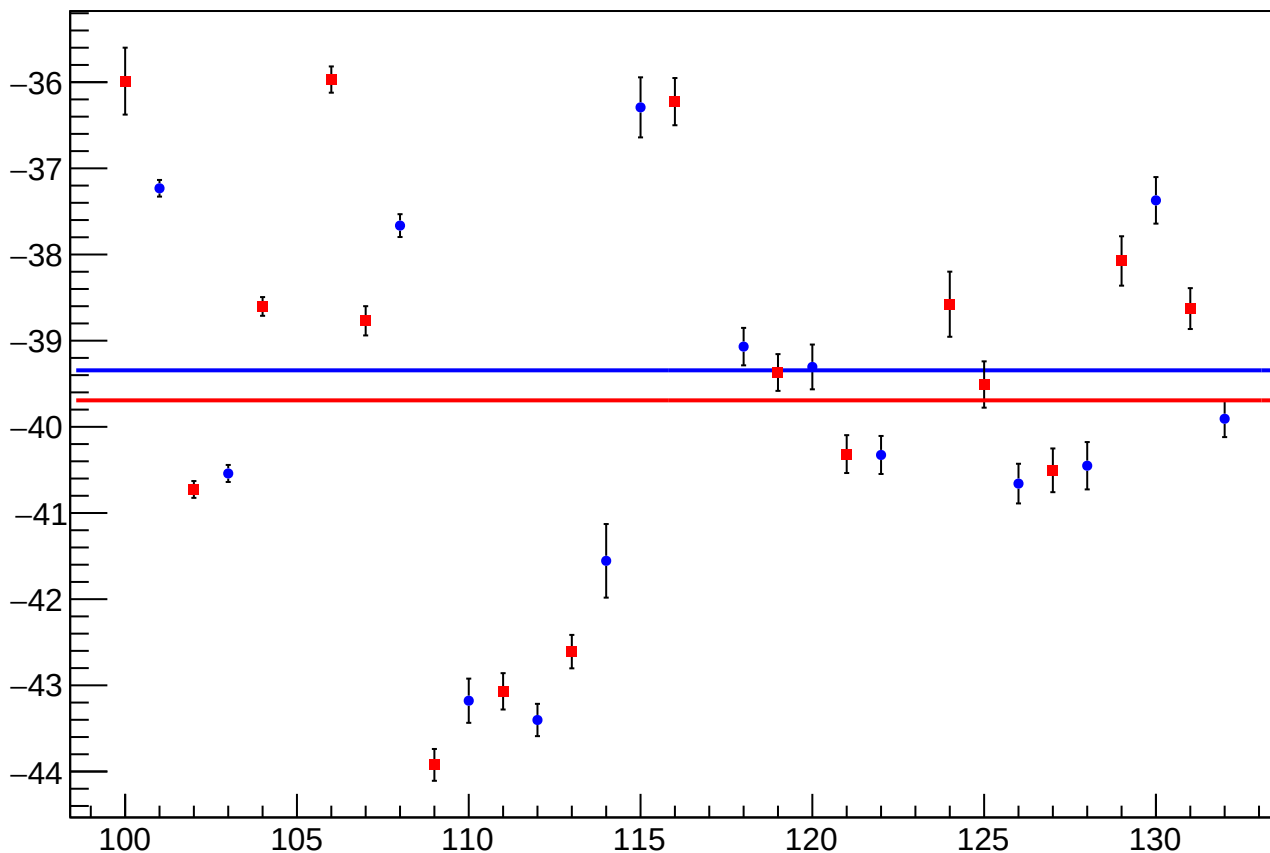
Right: 5.174 $\pm$ 0.577 χ^2 /NDF: 456.2/29

In: 6.547 $\pm$ 0.813 χ^2 /NDF:255.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 5.174 $\pm$ 0.577 χ^2 /NDF: 456.2/29

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.344 ± 0.047 χ^2/NDF : 1711.4/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -39.693 ± 0.046 χ^2/NDF : 2179.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

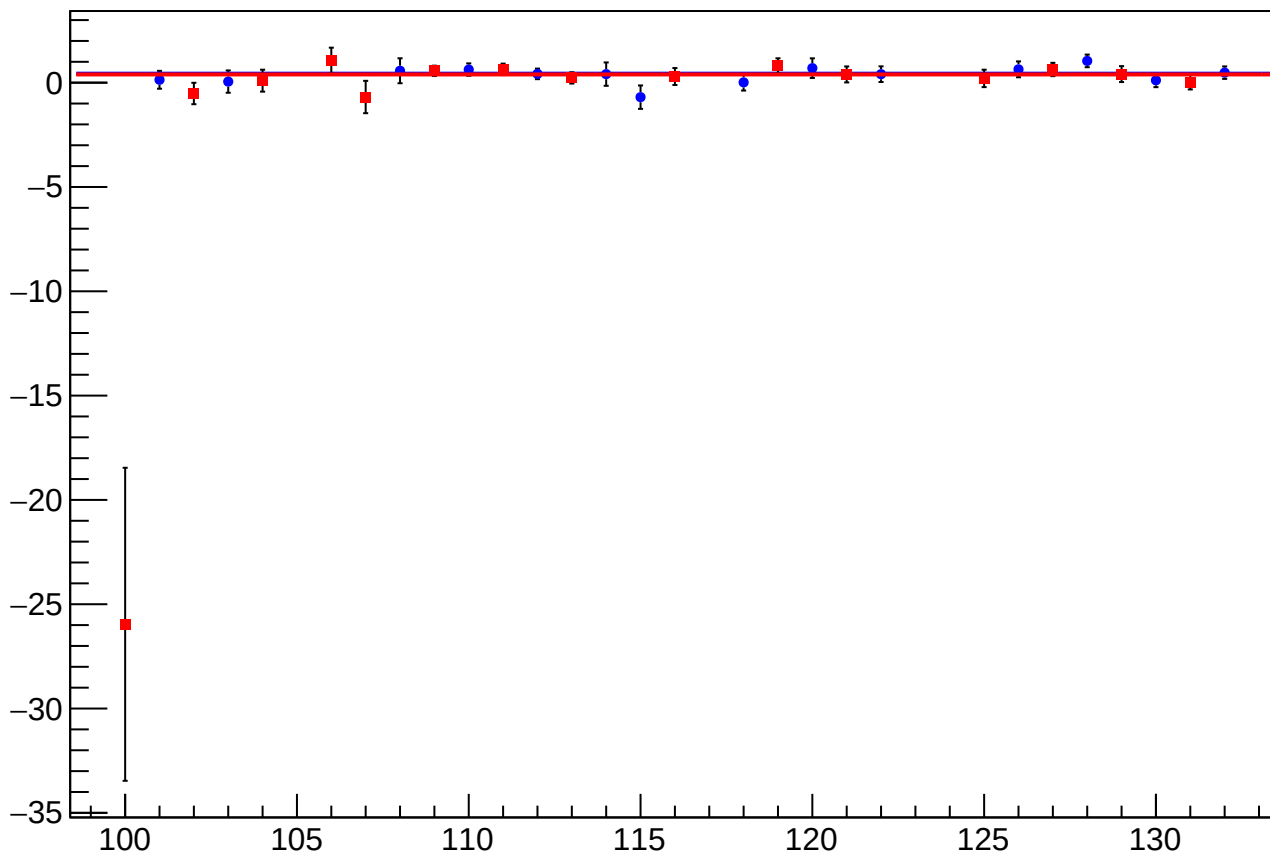
Right: -39.523 ± 0.033 χ^2/NDF : 3919.0/29

In: -39.344 ± 0.047 χ^2/NDF : 1711.4/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.523 ± 0.033 χ^2/NDF : 3919.0/29

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.431+/-0.099 χ^2/NDF : 12.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.394+/-0.097 χ^2/NDF : 23.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

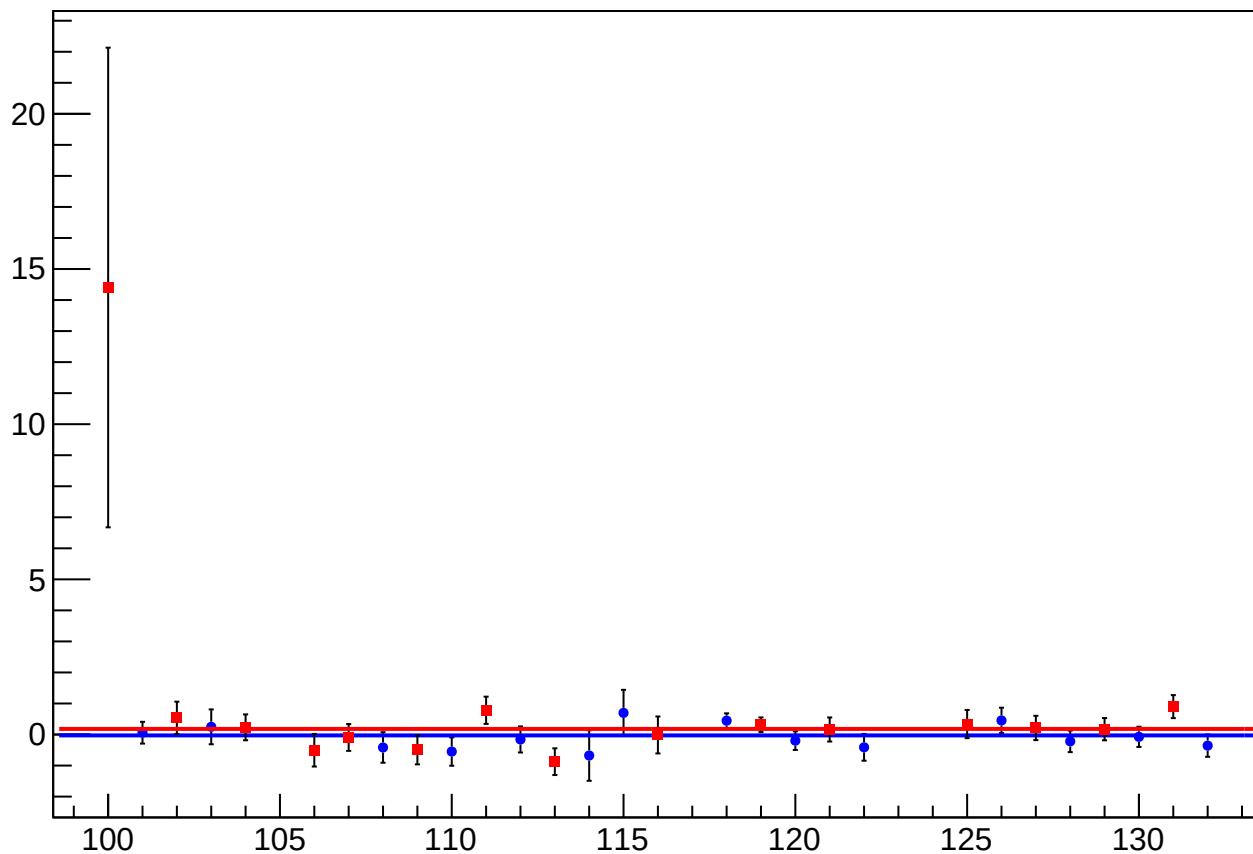
Right: 0.412+/-0.069 χ^2/NDF : 36.2/28

In: 0.431+/-0.099 χ^2/NDF : 12.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.412+/-0.069 χ^2/NDF : 36.2/28

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.028 ± 0.103 $\chi^2/\text{NDF}: 11.6/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.181 ± 0.107 $\chi^2/\text{NDF}: 20.3/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

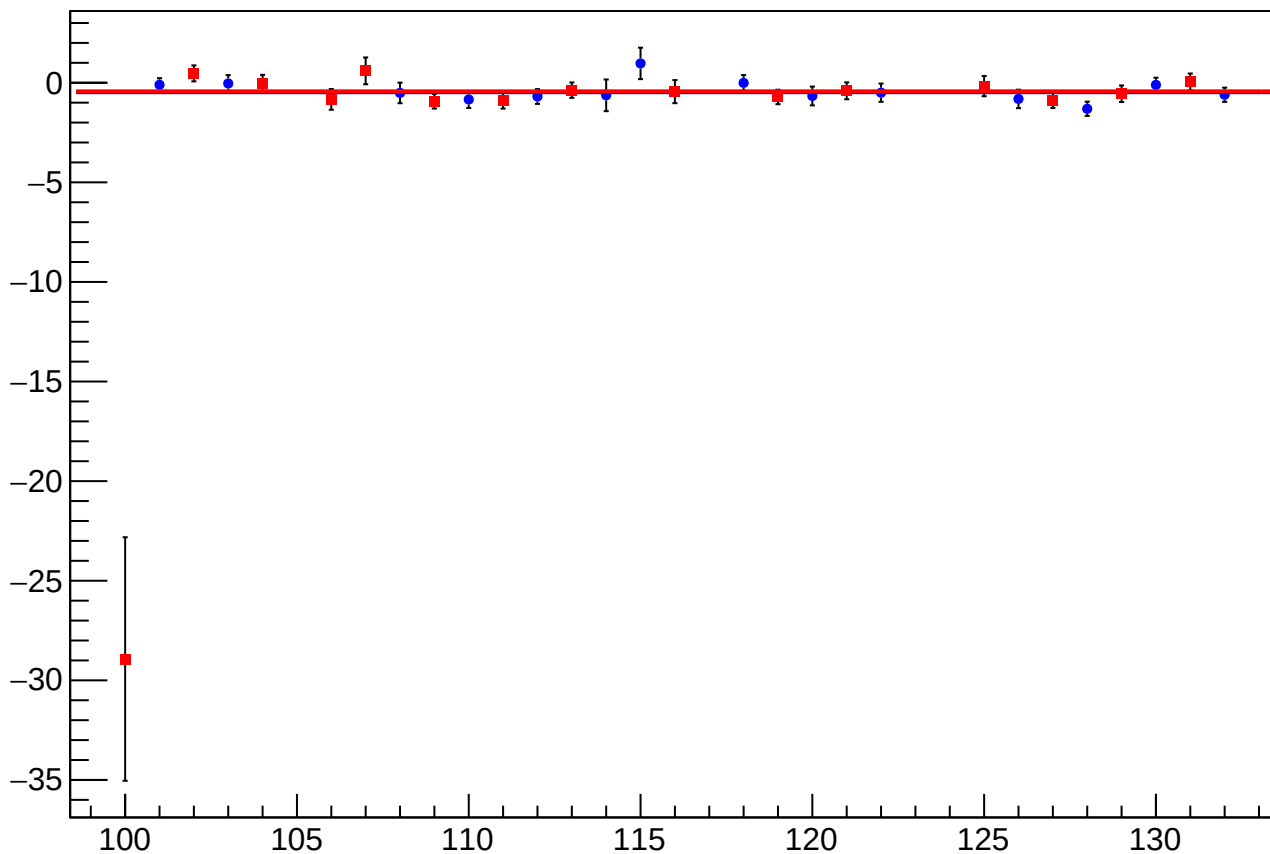
Right: 0.072 ± 0.074 $\chi^2/\text{NDF}: 33.9/28$

In: -0.028 ± 0.103 $\chi^2/\text{NDF}: 11.6/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.072 ± 0.074 $\chi^2/\text{NDF}: 33.9/28$

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.475 ± 0.113 χ^2/NDF : 15.5/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.431 ± 0.115 χ^2/NDF : 37.3/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

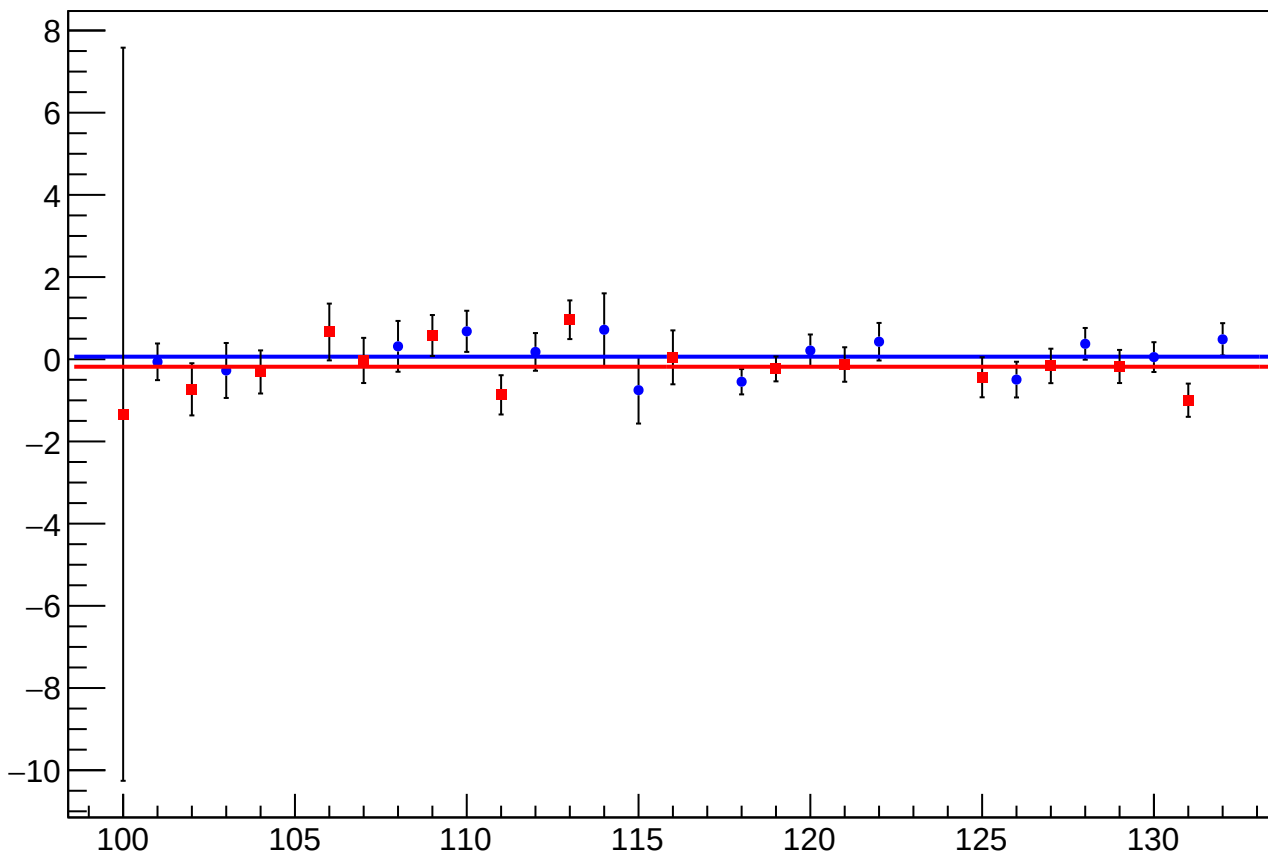
Right: -0.454 ± 0.081 χ^2/NDF : 52.8/28

In: -0.475 ± 0.113 χ^2/NDF : 15.5/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.454 ± 0.081 χ^2/NDF : 52.8/28

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.063+/-0.120 χ^2/NDF : 11.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.182+/-0.123 χ^2/NDF : 17.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

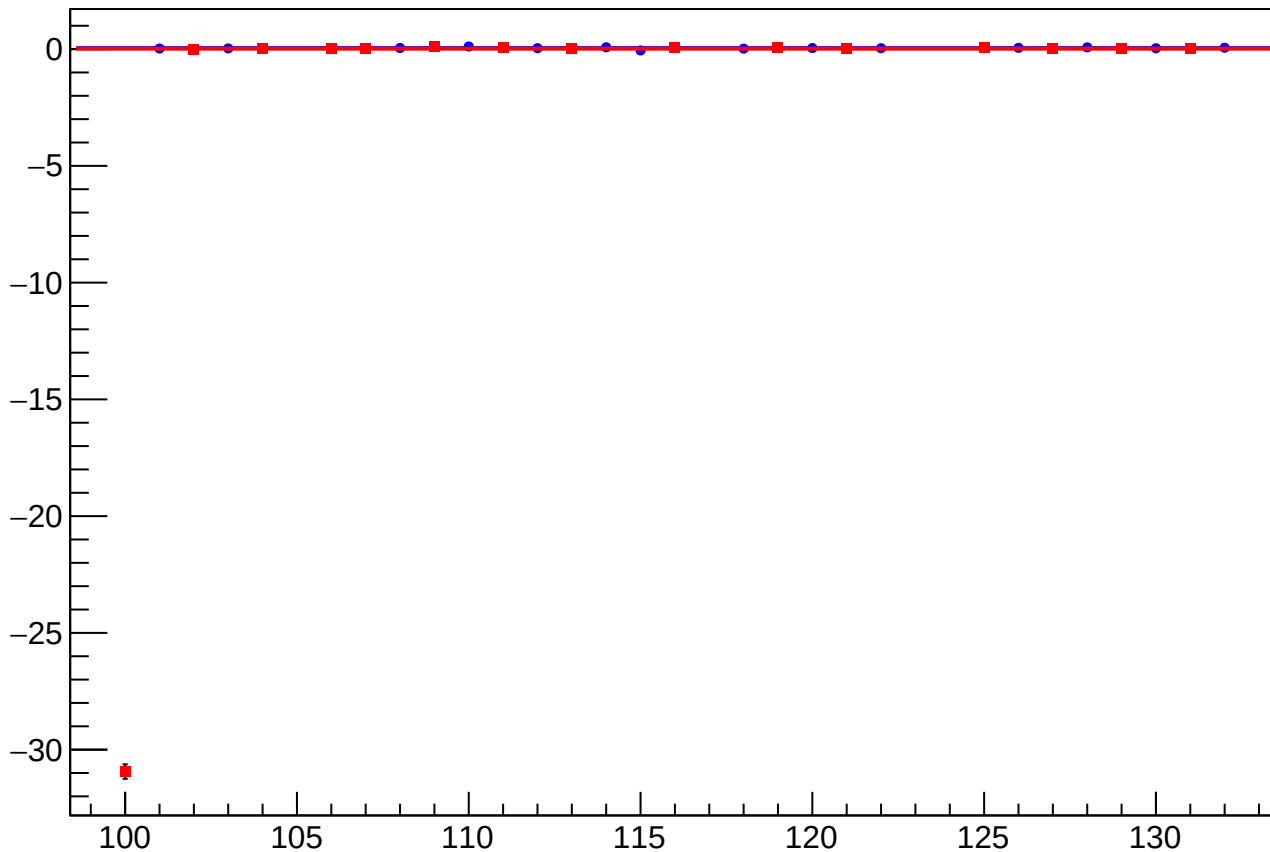
Right: -0.056+/-0.086 χ^2/NDF : 31.0/28

In: 0.063+/-0.120 χ^2/NDF : 11.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.056+/-0.086 χ^2/NDF : 31.0/28

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.042 $\pm$ 0.008 χ^2 /NDF: 10.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.022 $\pm$ 0.007 χ^2 /NDF: 10010.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

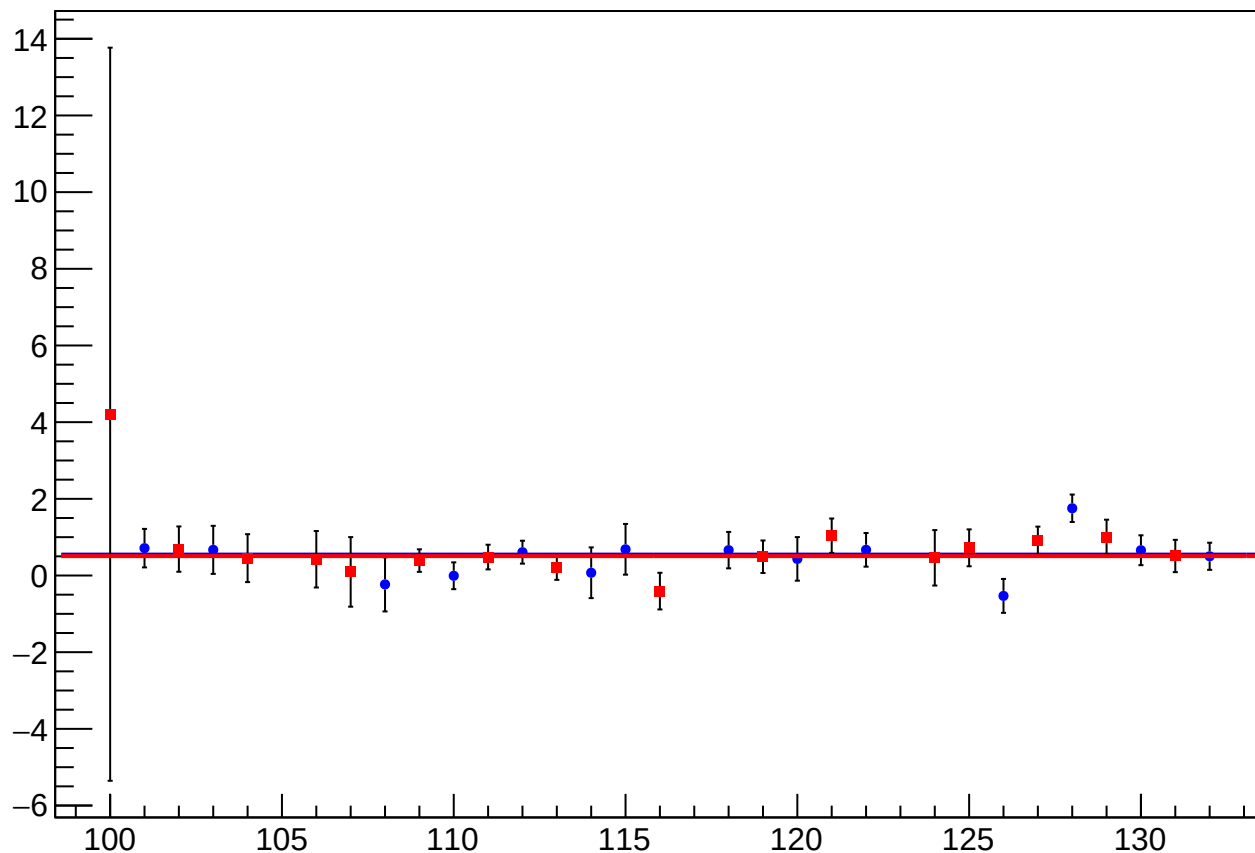
Right: 0.032 $\pm$ 0.005 χ^2 /NDF: 10024.8/28

In: 0.042 $\pm$ 0.008 χ^2 /NDF:10.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.032 $\pm$ 0.005 χ^2 /NDF: 10024.8/28

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.545+/-0.117 χ^2/NDF : 22.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.506+/-0.113 χ^2/NDF : 9.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

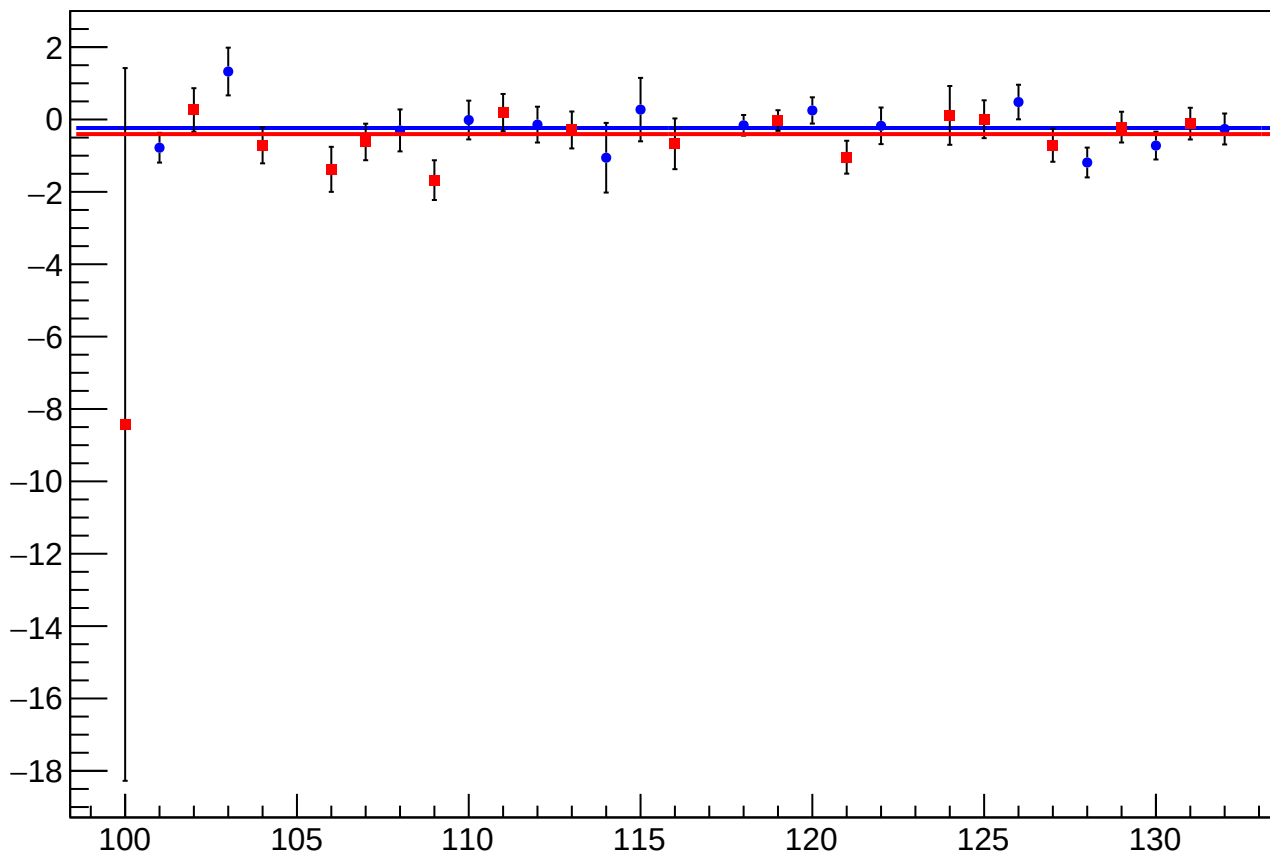
Right: 0.525+/-0.081 χ^2/NDF : 31.2/29

In: 0.545+/-0.117 χ^2/NDF : 22.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.525+/-0.081 χ^2/NDF : 31.2/29

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.235 ± 0.122 χ^2/NDF : 19.7/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.404 ± 0.125 χ^2/NDF : 17.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

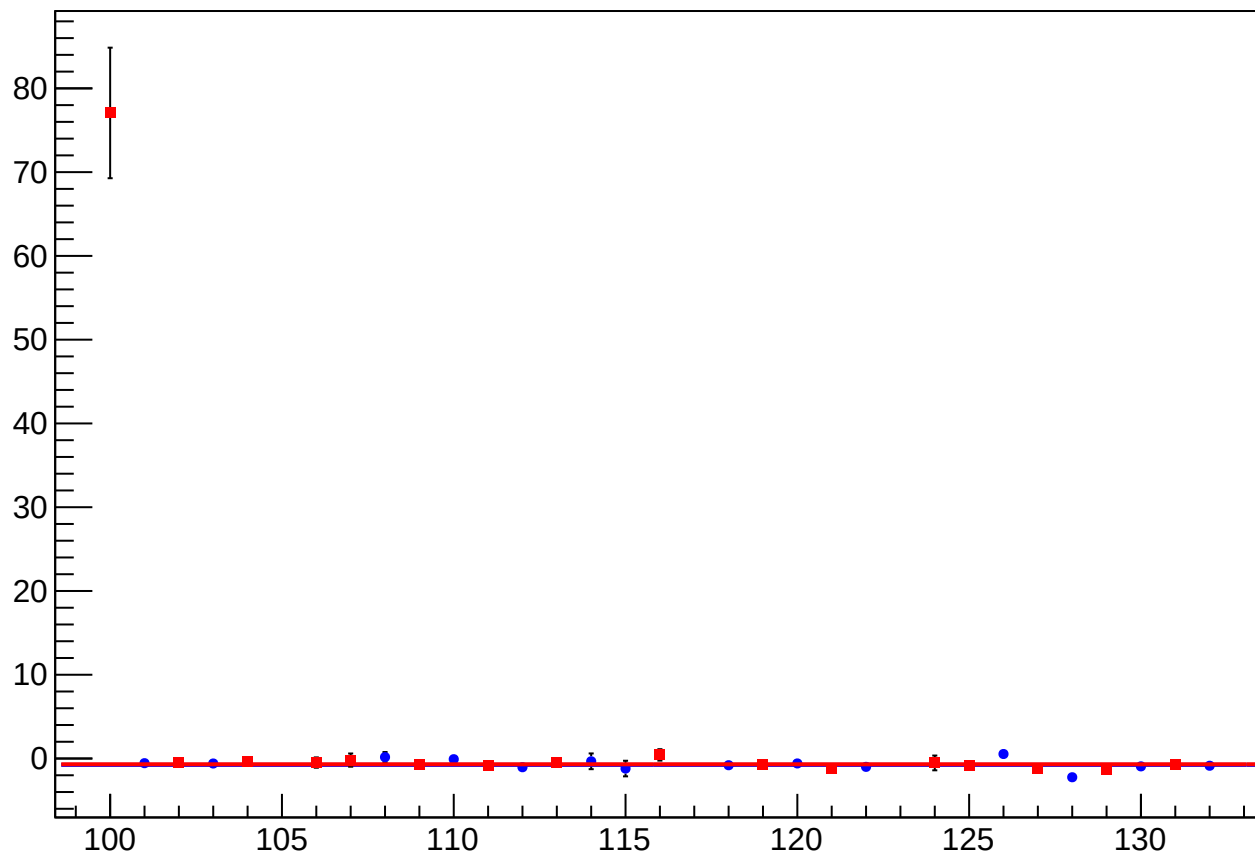
Right: -0.317 ± 0.087 χ^2/NDF : 38.3/29

In: -0.235 ± 0.122 χ^2/NDF : 19.7/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.317 ± 0.087 χ^2/NDF : 38.3/29

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.761 ± 0.134 $\chi^2/\text{NDF}: 23.9/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.687 ± 0.134 $\chi^2/\text{NDF}: 108.0/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

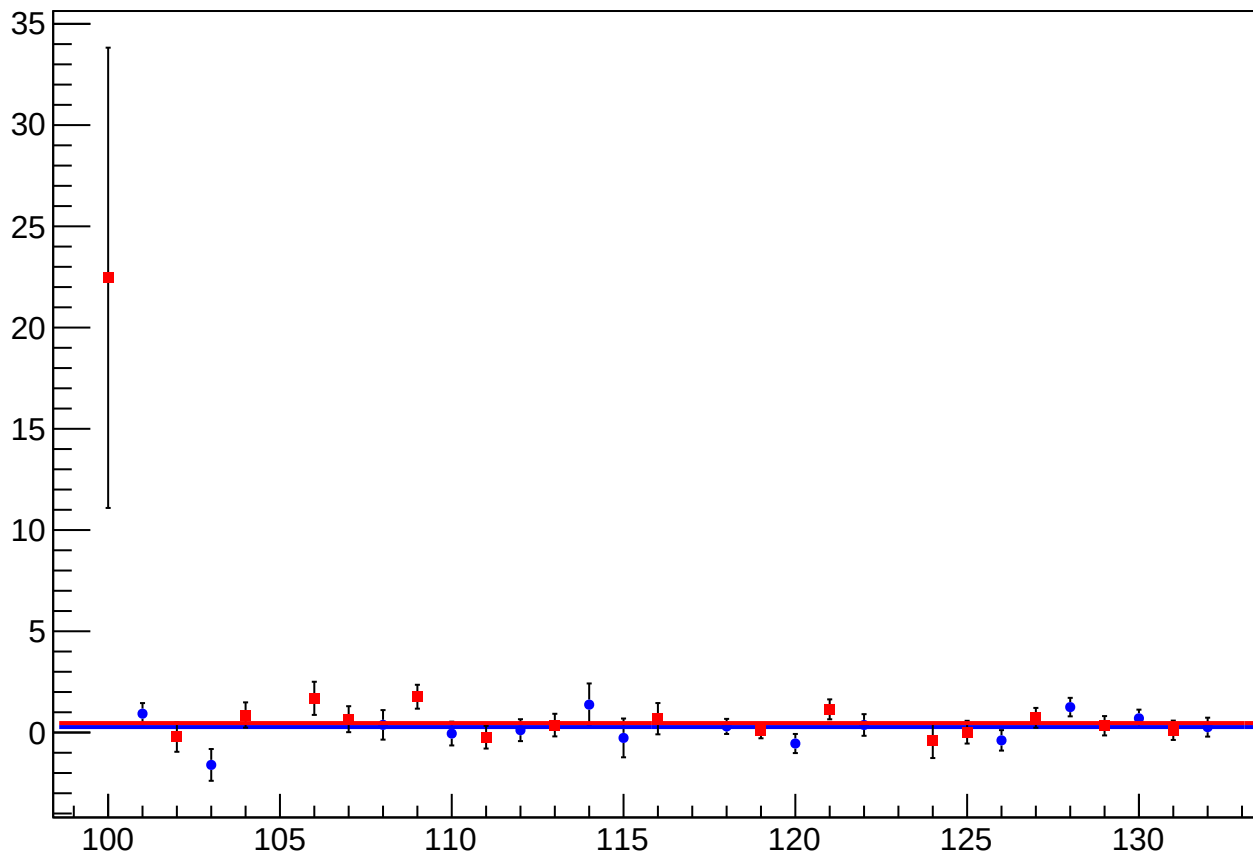
Right: -0.724 ± 0.095 $\chi^2/\text{NDF}: 132.0/29$

In: -0.761 ± 0.134 $\chi^2/\text{NDF}: 23.9/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.724 ± 0.095 $\chi^2/\text{NDF}: 132.0/29$

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.269+/-0.142 χ^2/NDF : 19.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.467+/-0.144 χ^2/NDF : 19.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

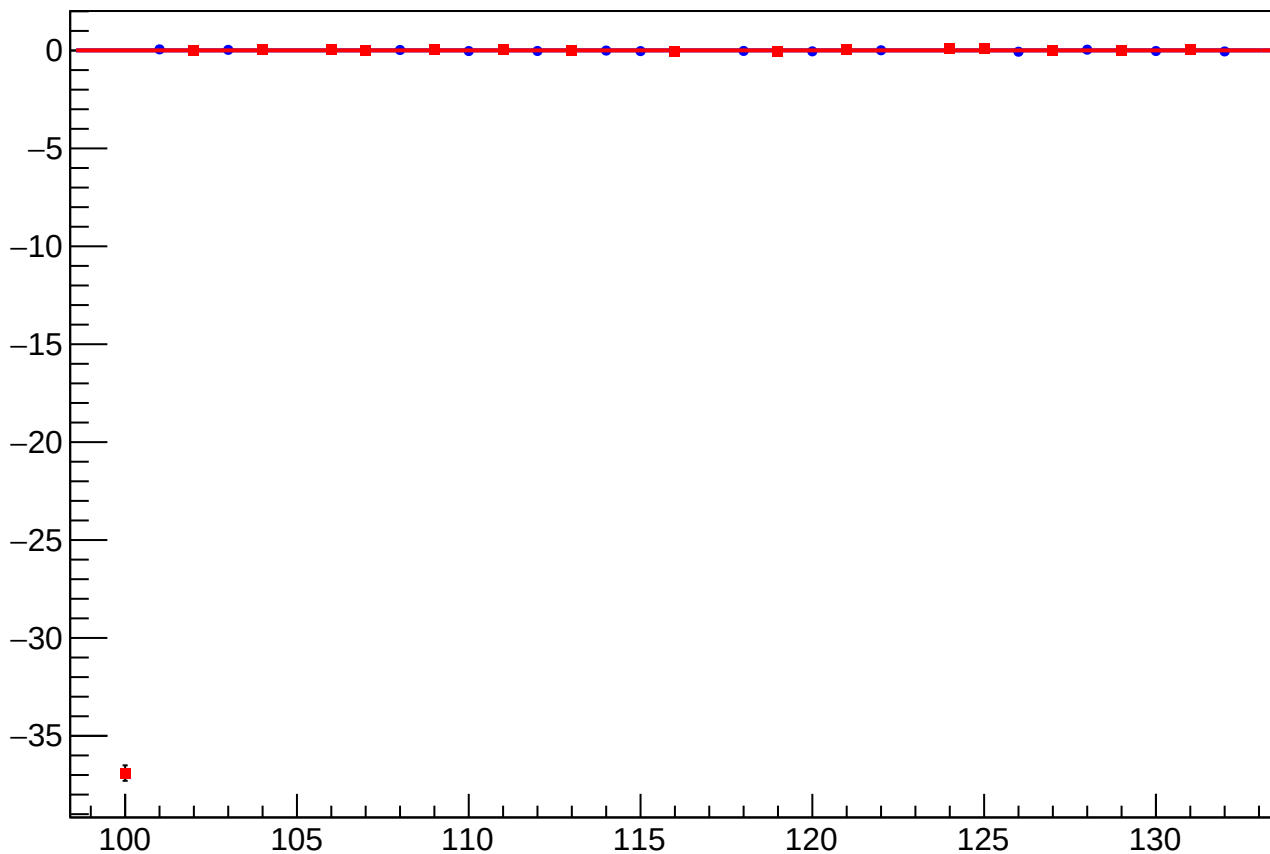
Right: 0.367+/-0.101 χ^2/NDF : 39.9/29

In: 0.269+/-0.142 χ^2/NDF : 19.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.367+/-0.101 χ^2/NDF : 39.9/29

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.009 χ^2 /NDF: 17.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.007 $\pm$ 0.009 χ^2 /NDF: 8750.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

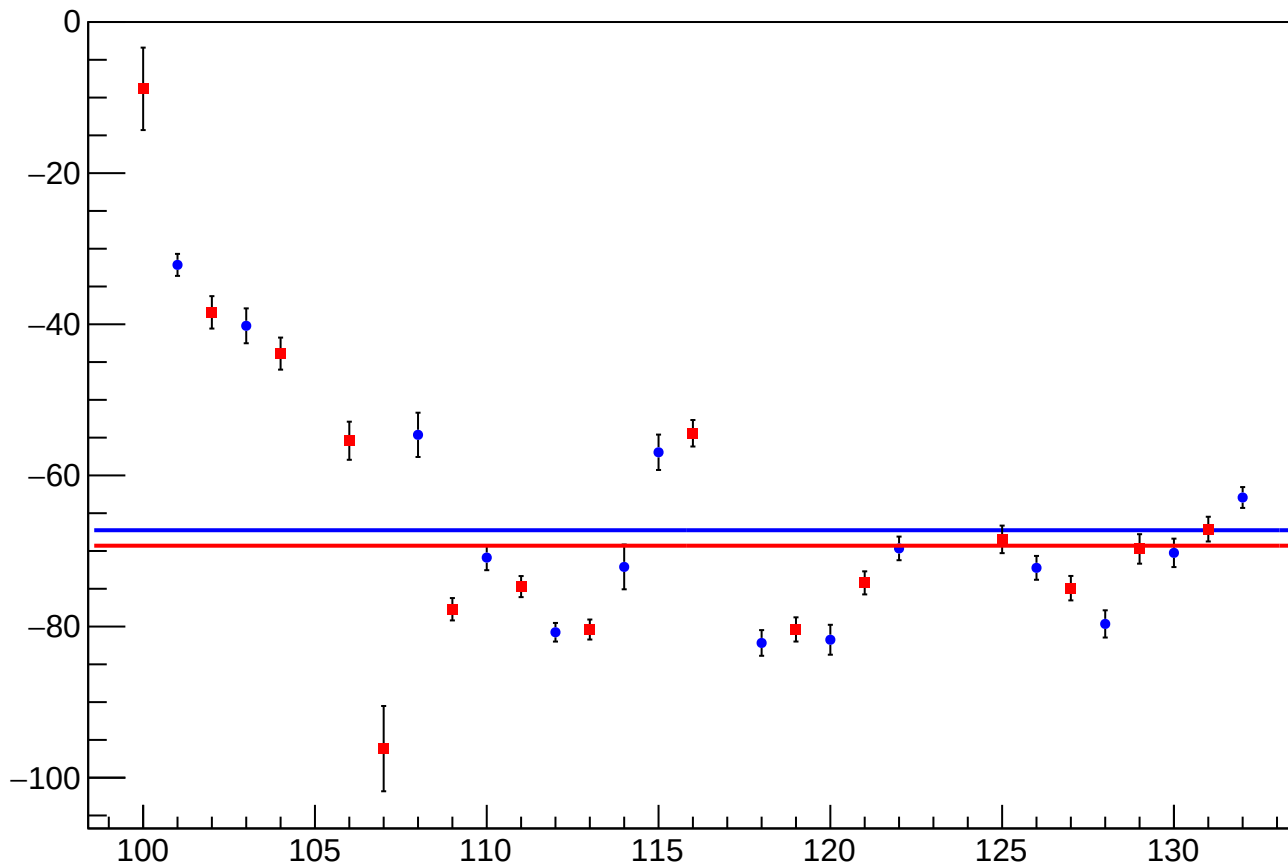
Right: 0.007 $\pm$ 0.006 χ^2 /NDF: 8768.3/29

In: 0.008 $\pm$ 0.009 χ^2 /NDF:17.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.007 $\pm$ 0.006 χ^2 /NDF: 8768.3/29

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -67.253+/-0.465 χ^2/NDF : 1086.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -69.300+/-0.463 χ^2/NDF : 788.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

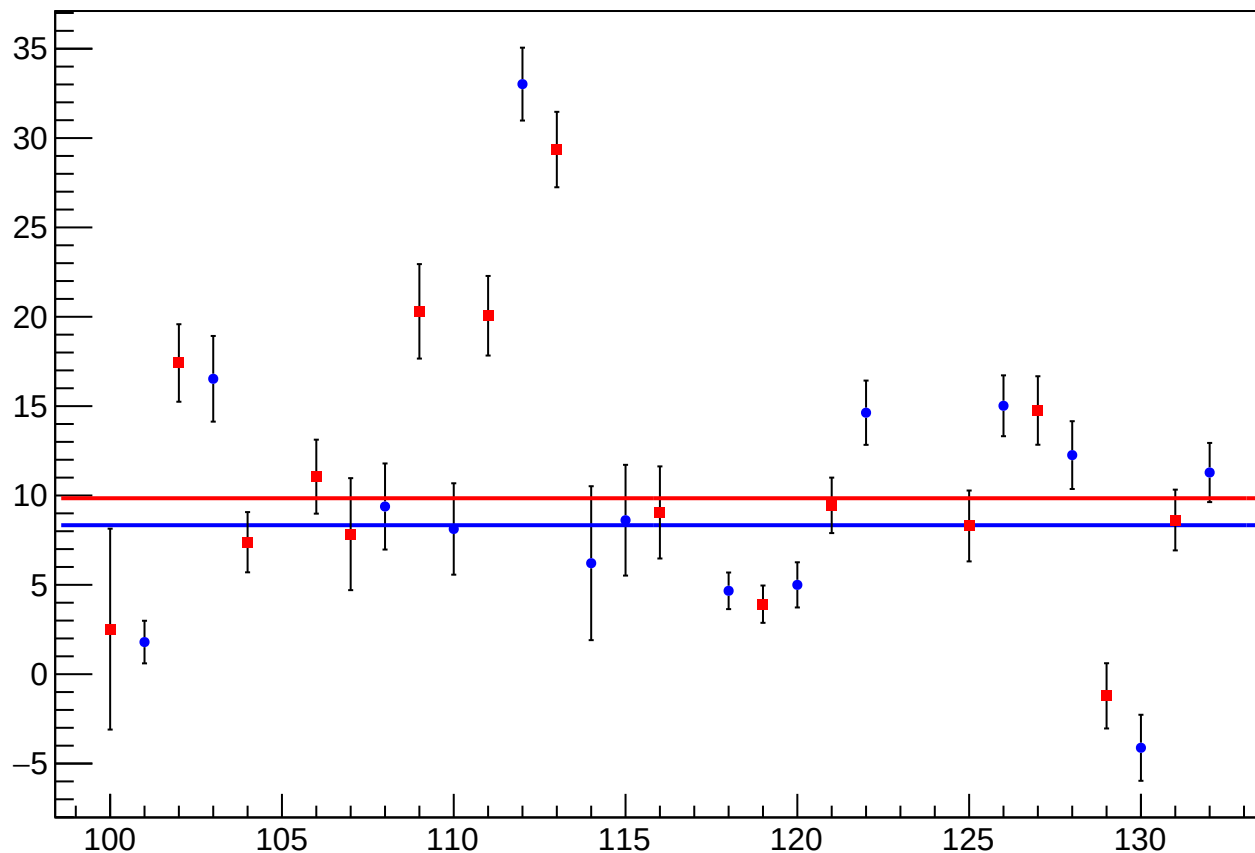
Right: -68.282+/-0.328 χ^2/NDF : 1884.9/28

In: -67.253+/-0.465 χ^2/NDF : 1086.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -68.282+/-0.328 χ^2/NDF : 1884.9/28

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.337 $\pm$ 0.458 χ^2 /NDF: 289.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 9.846 $\pm$ 0.490 χ^2 /NDF: 215.7/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

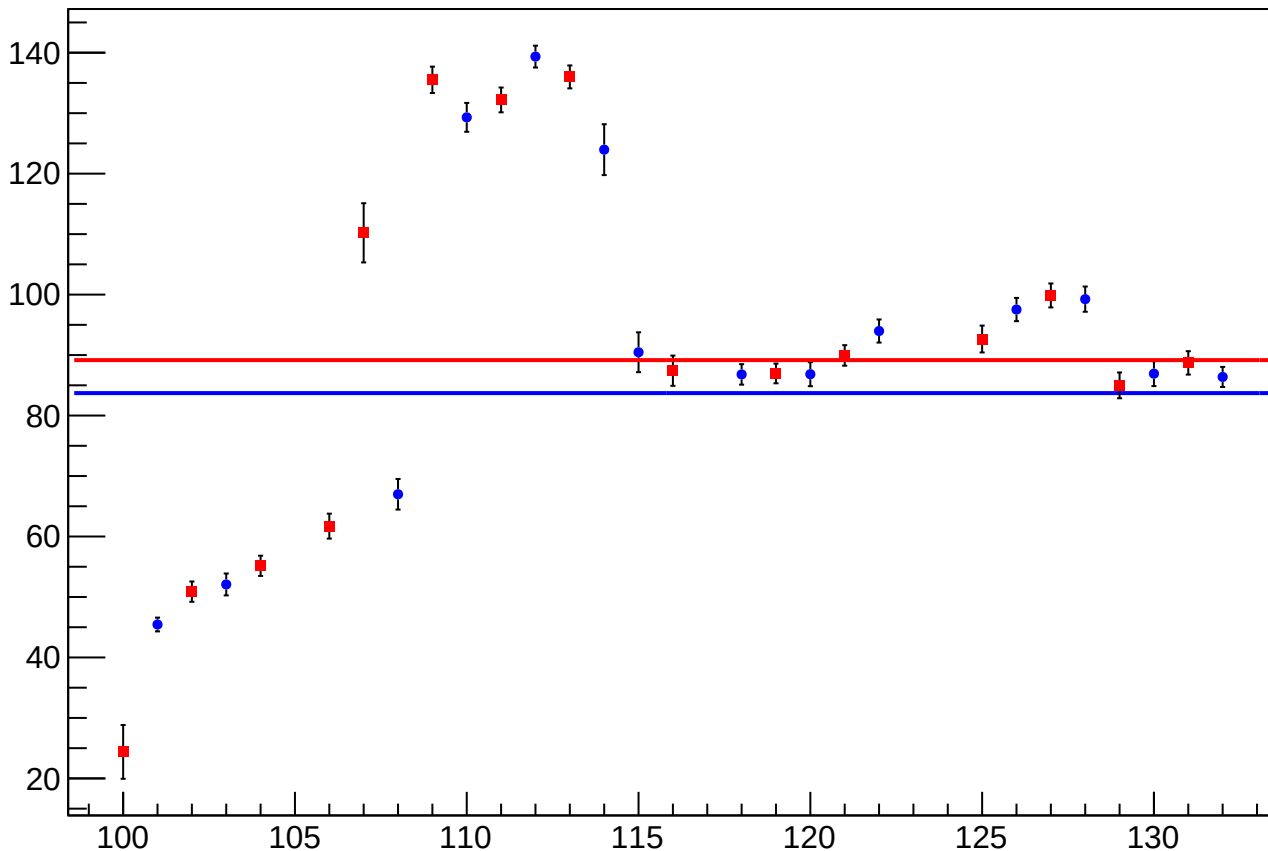
Right: 9.039 $\pm$ 0.335 χ^2 /NDF: 509.9/28

In: 8.337 $\pm$ 0.458 χ^2 /NDF:289.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 9.039 $\pm$ 0.335 χ^2 /NDF: 509.9/28

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 83.713+/-0.510 χ^2/NDF : 3033.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 89.168+/-0.527 χ^2/NDF : 2881.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

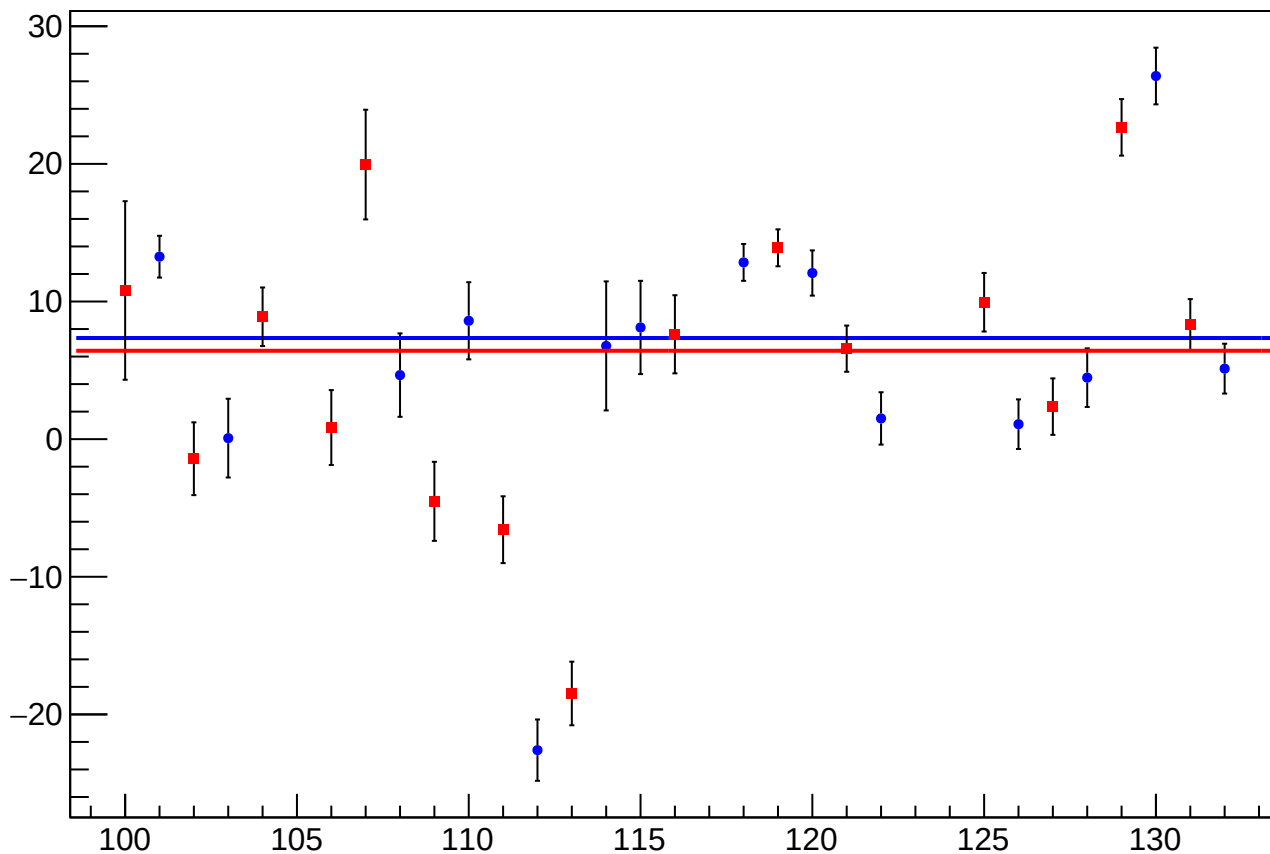
Right: 86.351+/-0.367 χ^2/NDF : 5970.9/28

In: 83.713+/-0.510 χ^2/NDF :3033.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 86.351+/-0.367 χ^2/NDF : 5970.9/28

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.348 $\pm$ 0.542 χ^2 /NDF: 338.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 6.422 $\pm$ 0.569 χ^2 /NDF: 287.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

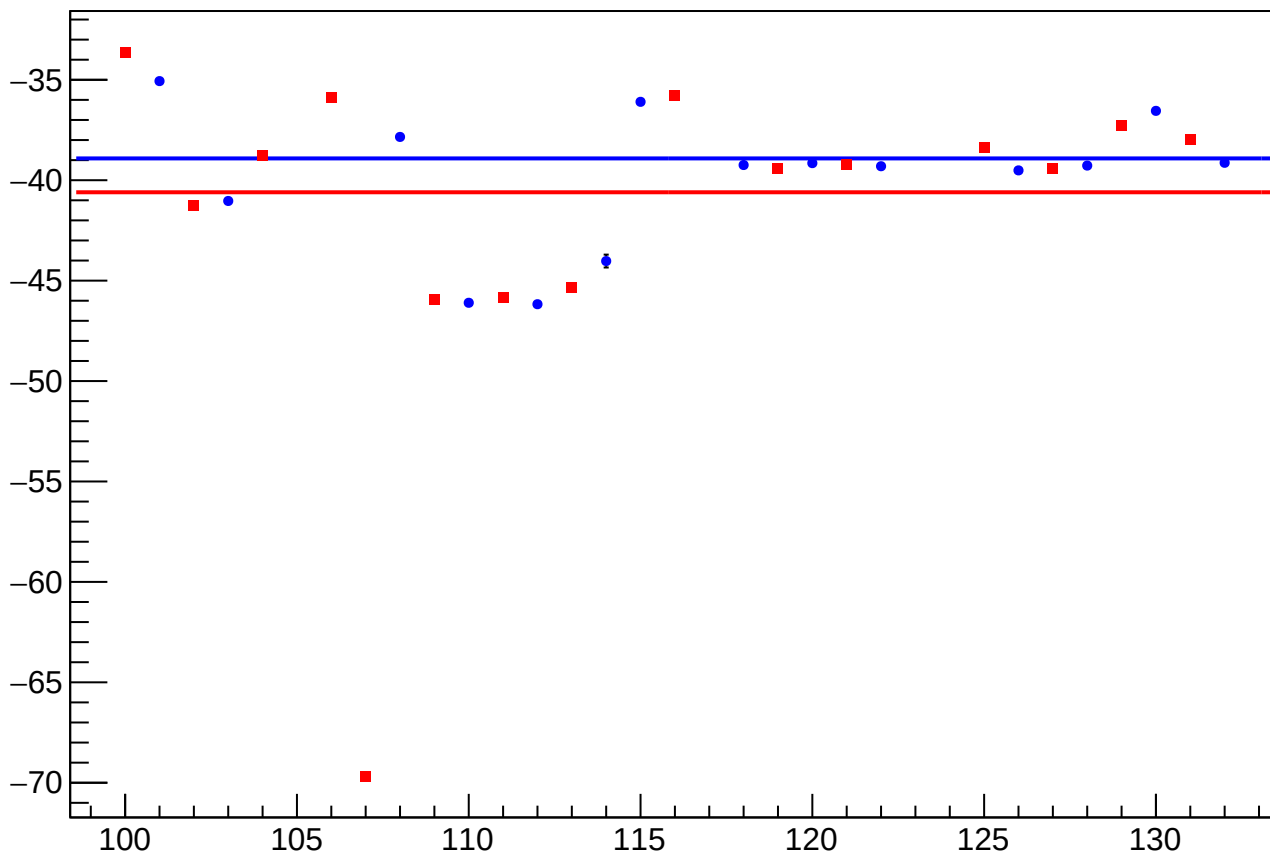
Right: 6.907 $\pm$ 0.393 χ^2 /NDF: 627.1/28

In: 7.348 $\pm$ 0.542 χ^2 /NDF:338.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 6.907 $\pm$ 0.393 χ^2 /NDF: 627.1/28

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.915 $\pm$ 0.033 χ^2 /NDF: 8667.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -40.600 $\pm$ 0.033 χ^2 /NDF: 30409.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

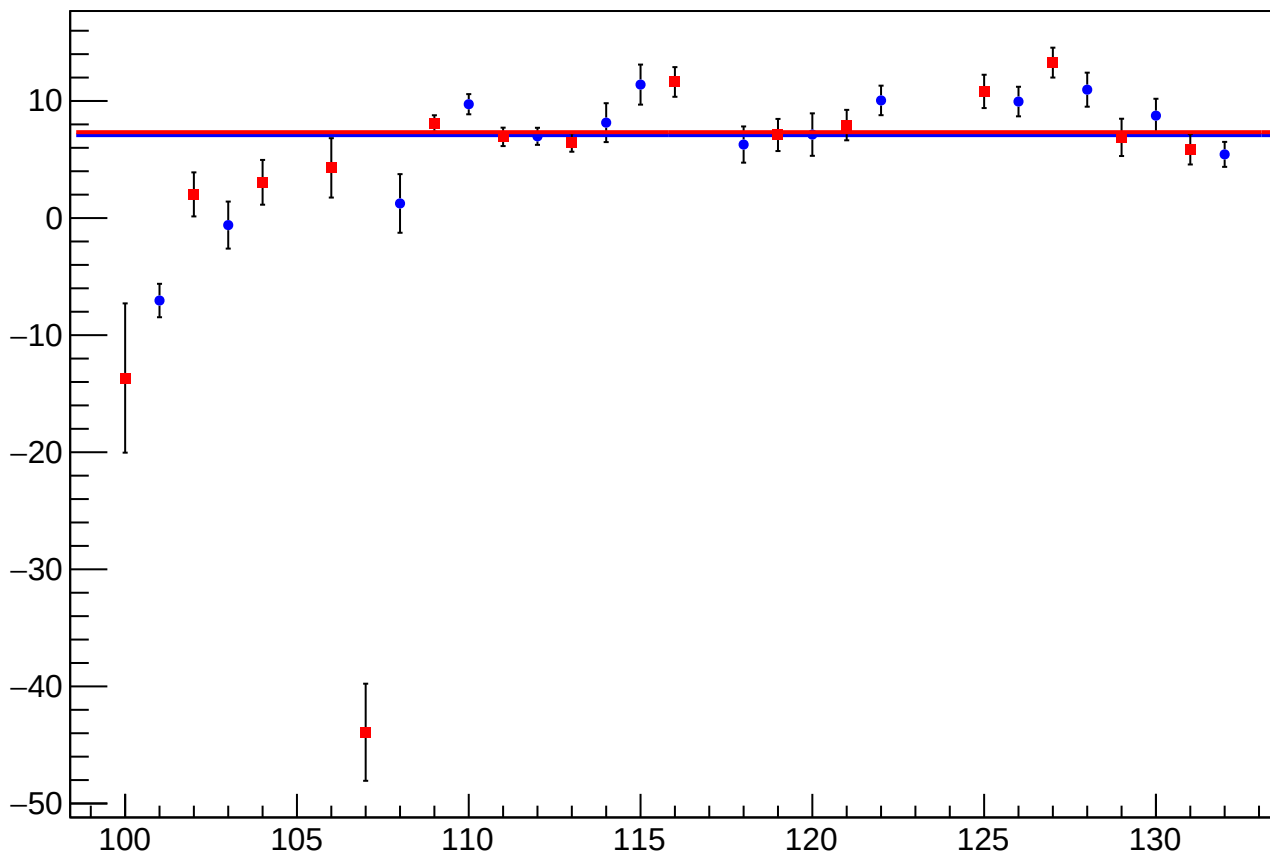
Right: -39.761 $\pm$ 0.024 χ^2 /NDF: 40354.2/28

In: -38.915 $\pm$ 0.033 χ^2 /NDF:8667.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -39.761 $\pm$ 0.024 χ^2 /NDF: 40354.2/28

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 7.083+/-0.340 χ^2/NDF : 155.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.336+/-0.318 χ^2/NDF : 221.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

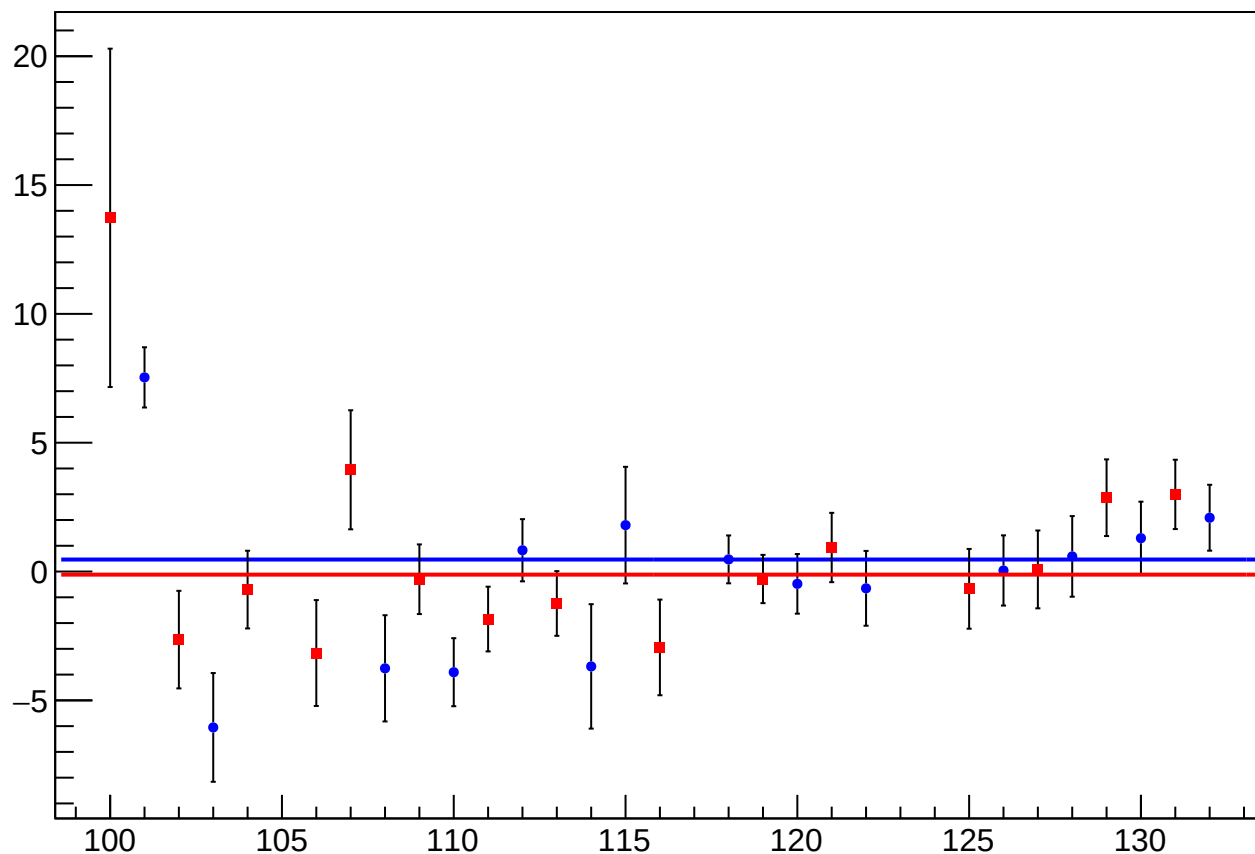
Right: 7.218+/-0.232 χ^2/NDF : 377.6/28

In: 7.083+/-0.340 χ^2/NDF : 155.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.218+/-0.232 χ^2/NDF : 377.6/28

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.466+/-0.371 χ^2/NDF : 68.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.120+/-0.383 χ^2/NDF : 26.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

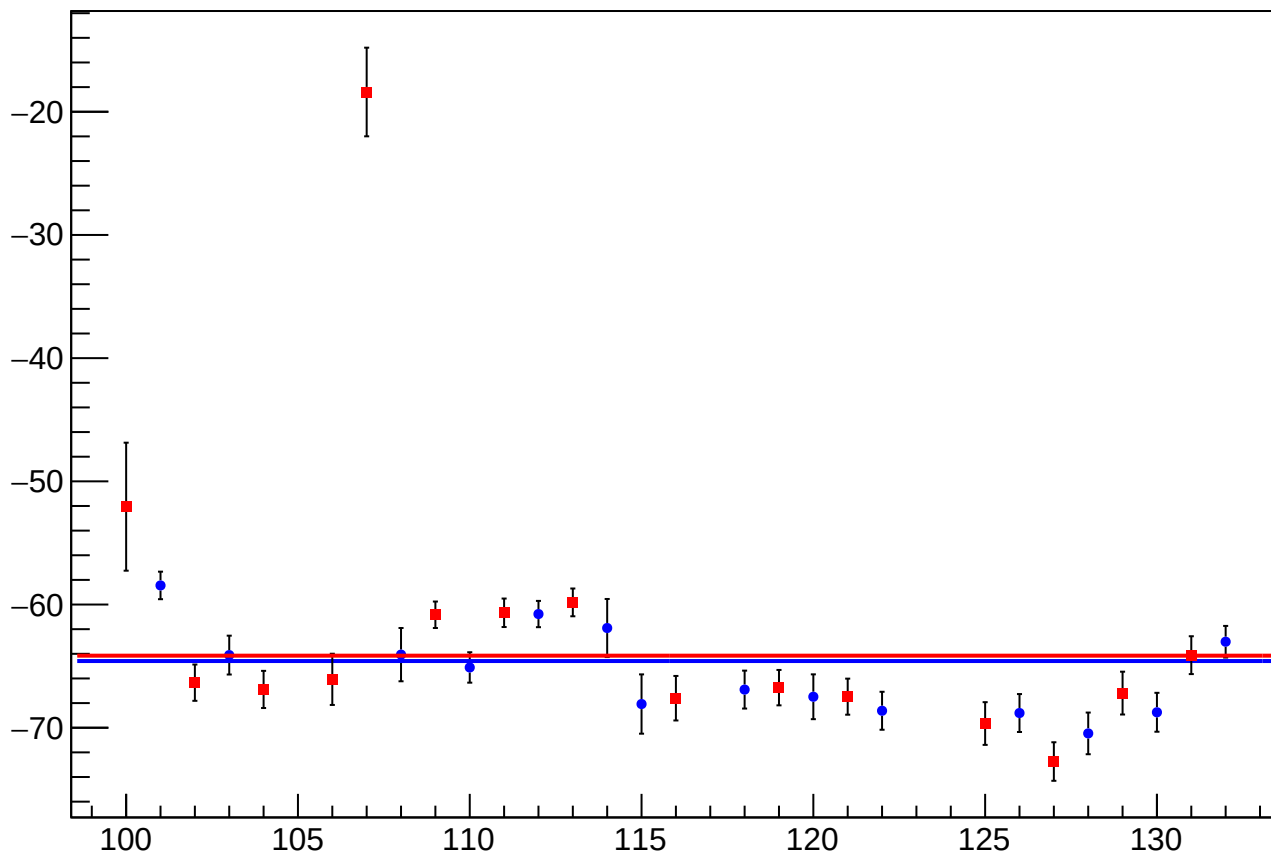
Right: 0.182+/-0.267 χ^2/NDF : 96.0/28

In: 0.466+/-0.371 χ^2/NDF : 68.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.182+/-0.267 χ^2/NDF : 96.0/28

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -64.586 $\pm$ 0.401 χ^2 /NDF: 86.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -64.150 $\pm$ 0.395 χ^2 /NDF: 262.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

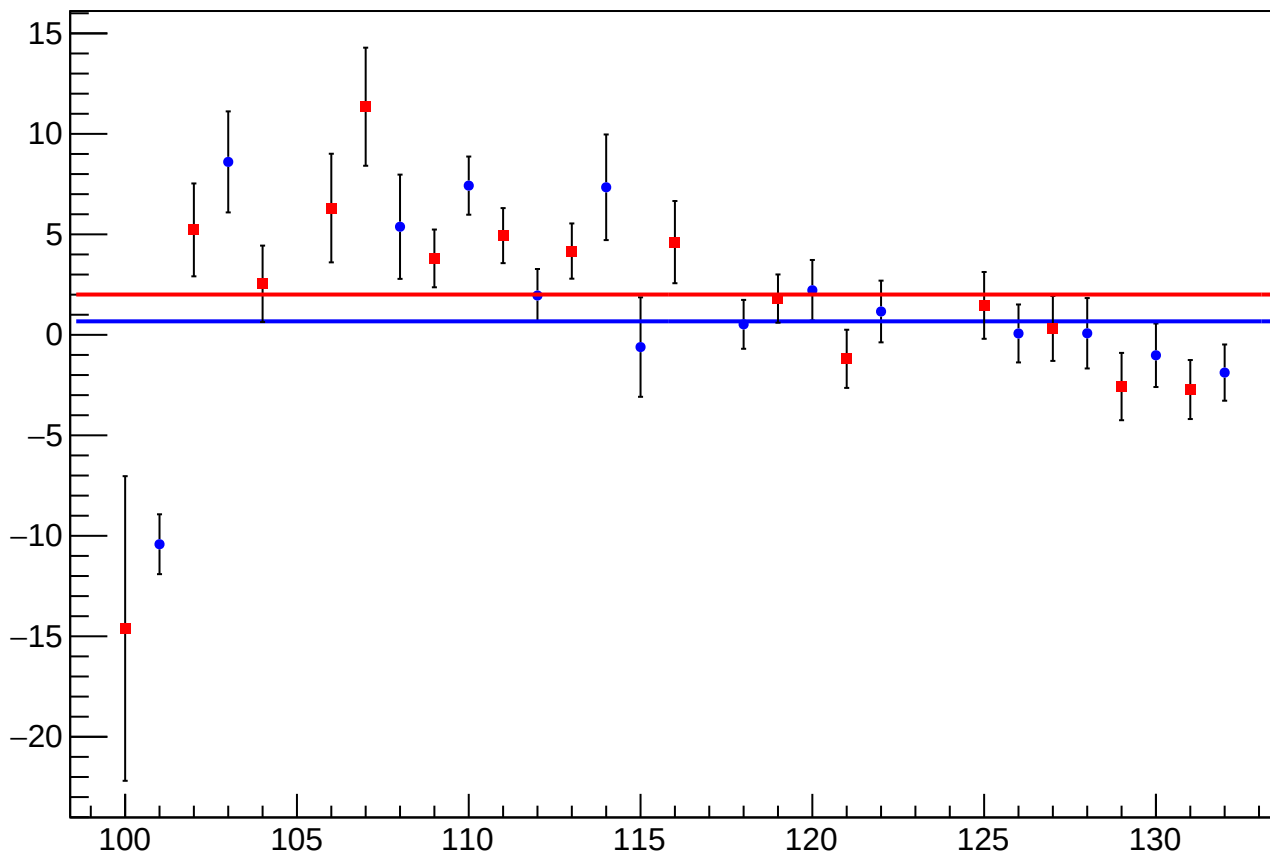
Right: -64.365 $\pm$ 0.281 χ^2 /NDF: 349.2/28

In: -64.586 $\pm$ 0.401 χ^2 /NDF:86.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -64.365 $\pm$ 0.281 χ^2 /NDF: 349.2/28

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.672 ± 0.431 χ^2/NDF : 104.1/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.006 ± 0.436 χ^2/NDF : 53.7/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

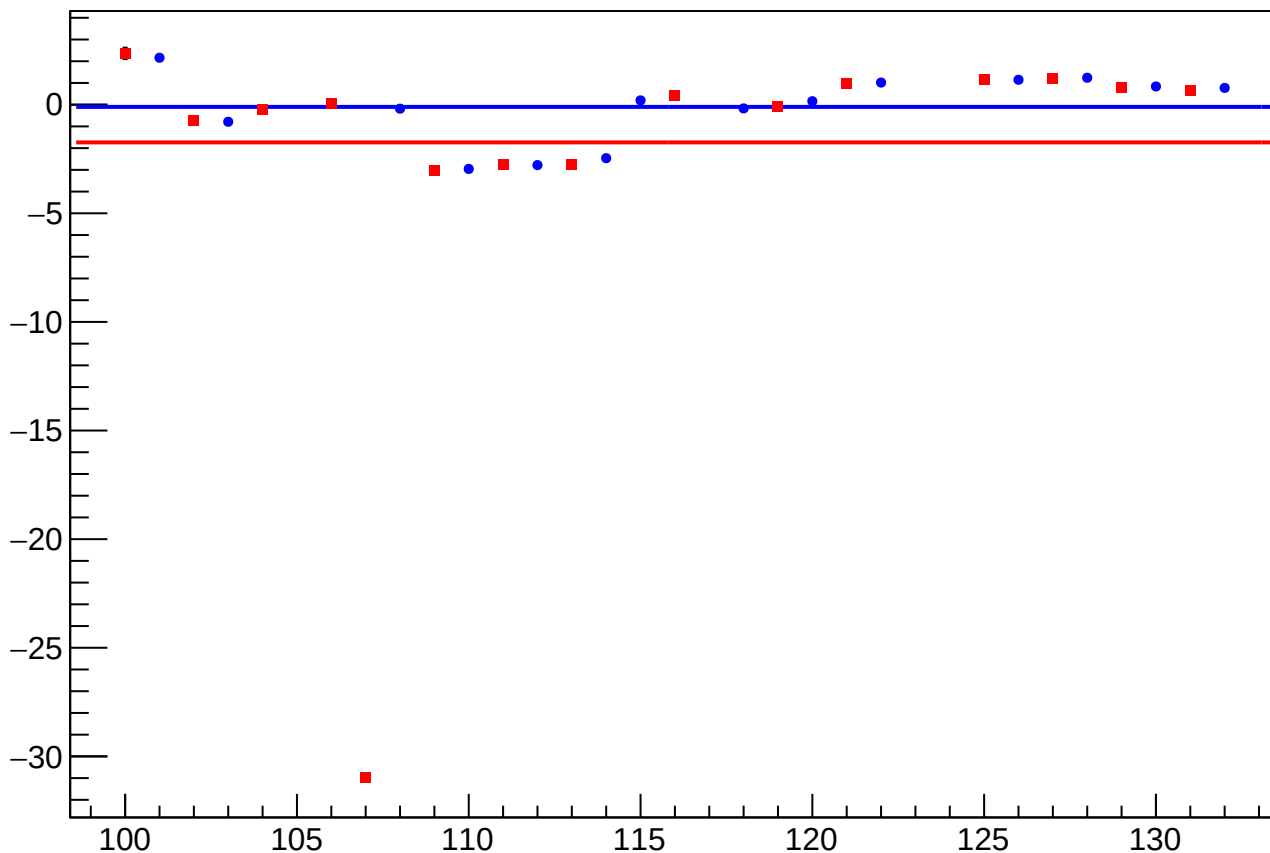
Right: 1.331 ± 0.307 χ^2/NDF : 162.5/28

In: 0.672 ± 0.431 χ^2/NDF : 104.1/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.331 ± 0.307 χ^2/NDF : 162.5/28

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.102 ± 0.027 χ^2/NDF : 3654.4/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.736 ± 0.026 χ^2/NDF : 44434.9/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

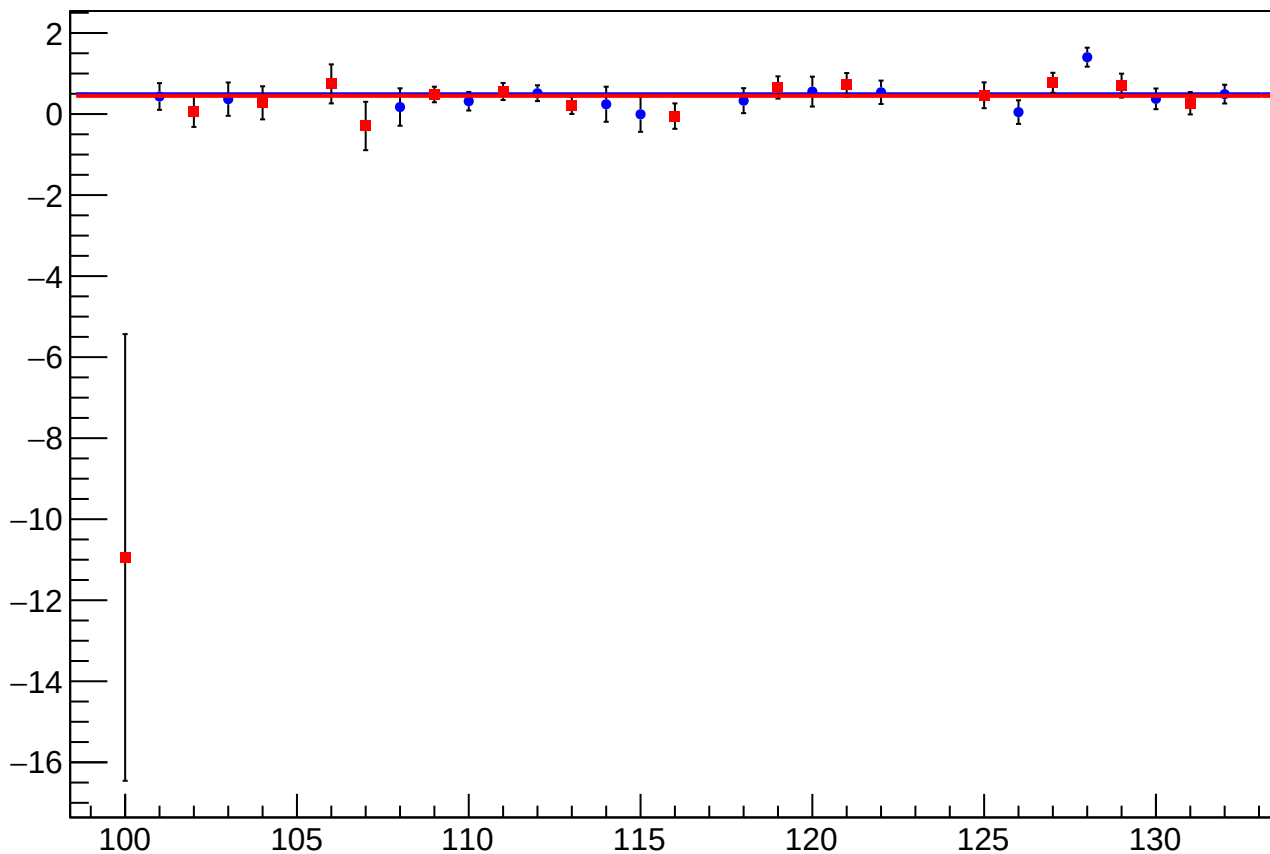
Right: -0.946 ± 0.019 χ^2/NDF : 49938.2/28

In: -0.102 ± 0.027 χ^2/NDF : 3654.4/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.946 ± 0.019 χ^2/NDF : 49938.2/28

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.488+/-0.077 χ^2/NDF : 20.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.449+/-0.075 χ^2/NDF : 15.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

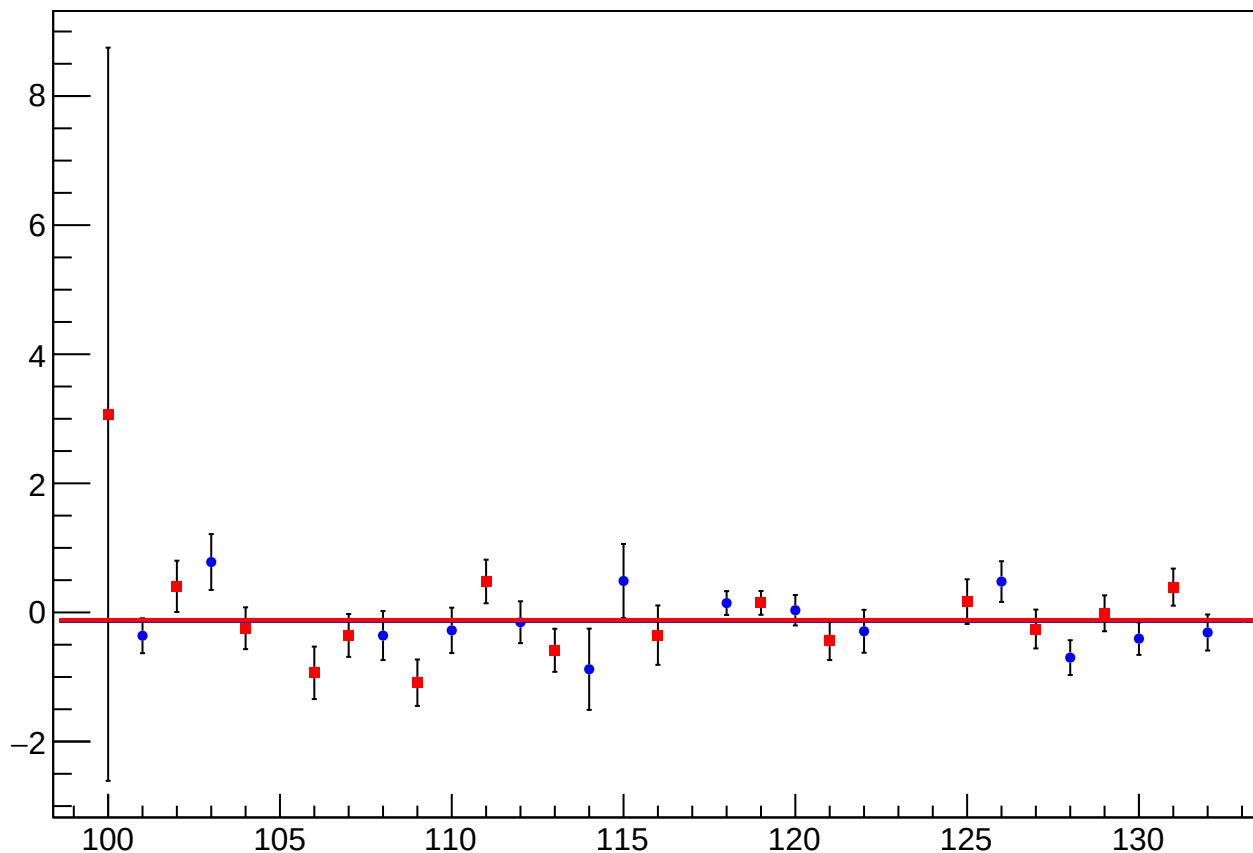
Right: 0.468+/-0.054 χ^2/NDF : 36.7/28

In: 0.488+/-0.077 χ^2/NDF : 20.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.468+/-0.054 χ^2/NDF : 36.7/28

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.131+/-0.080 χ^2 /NDF: 21.0/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.118+/-0.083 χ^2 /NDF: 26.8/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

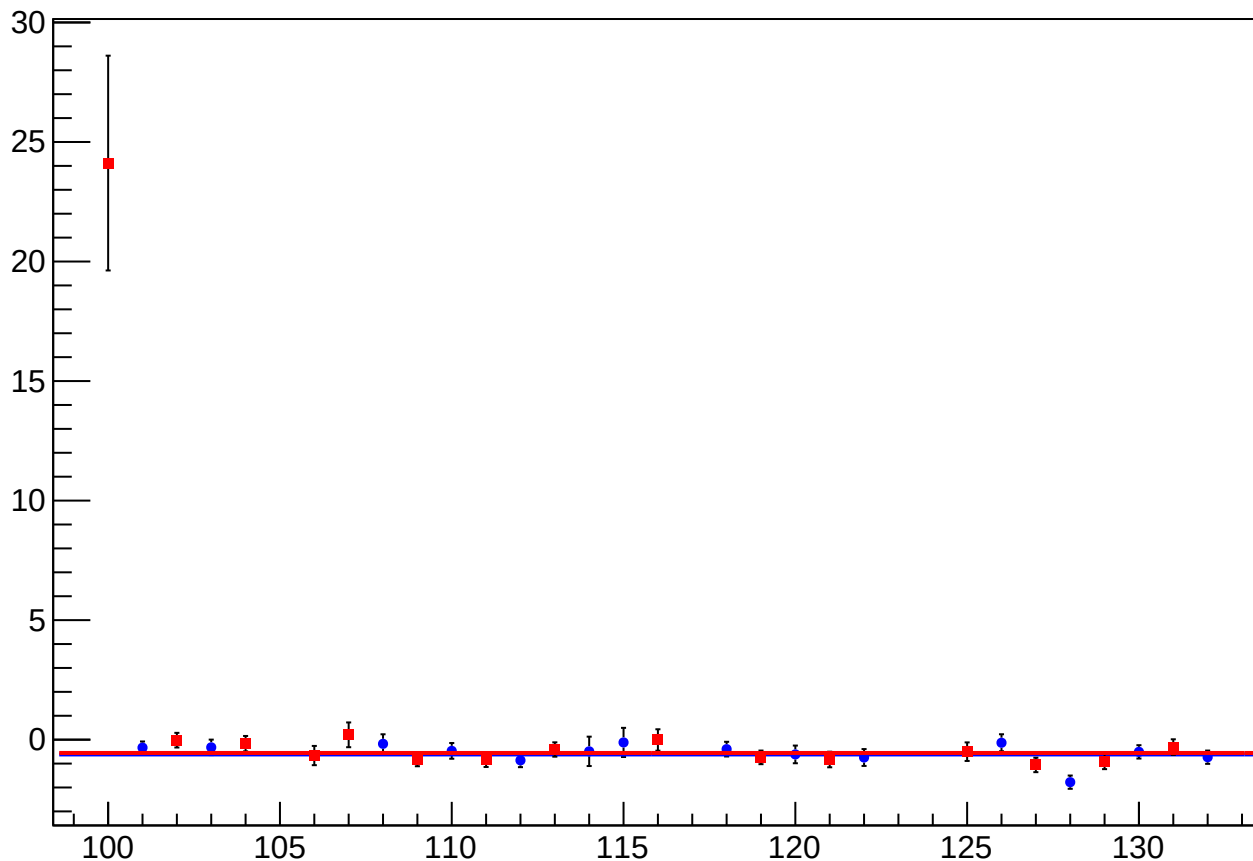
Right: -0.125+/-0.057 χ^2 /NDF: 47.9/28

In: -0.131+/-0.080 χ^2 /NDF:21.0/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.125+/-0.057 χ^2 /NDF: 47.9/28

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.618 ± 0.088 χ^2/NDF : 25.3/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.556 ± 0.089 χ^2/NDF : 45.9/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

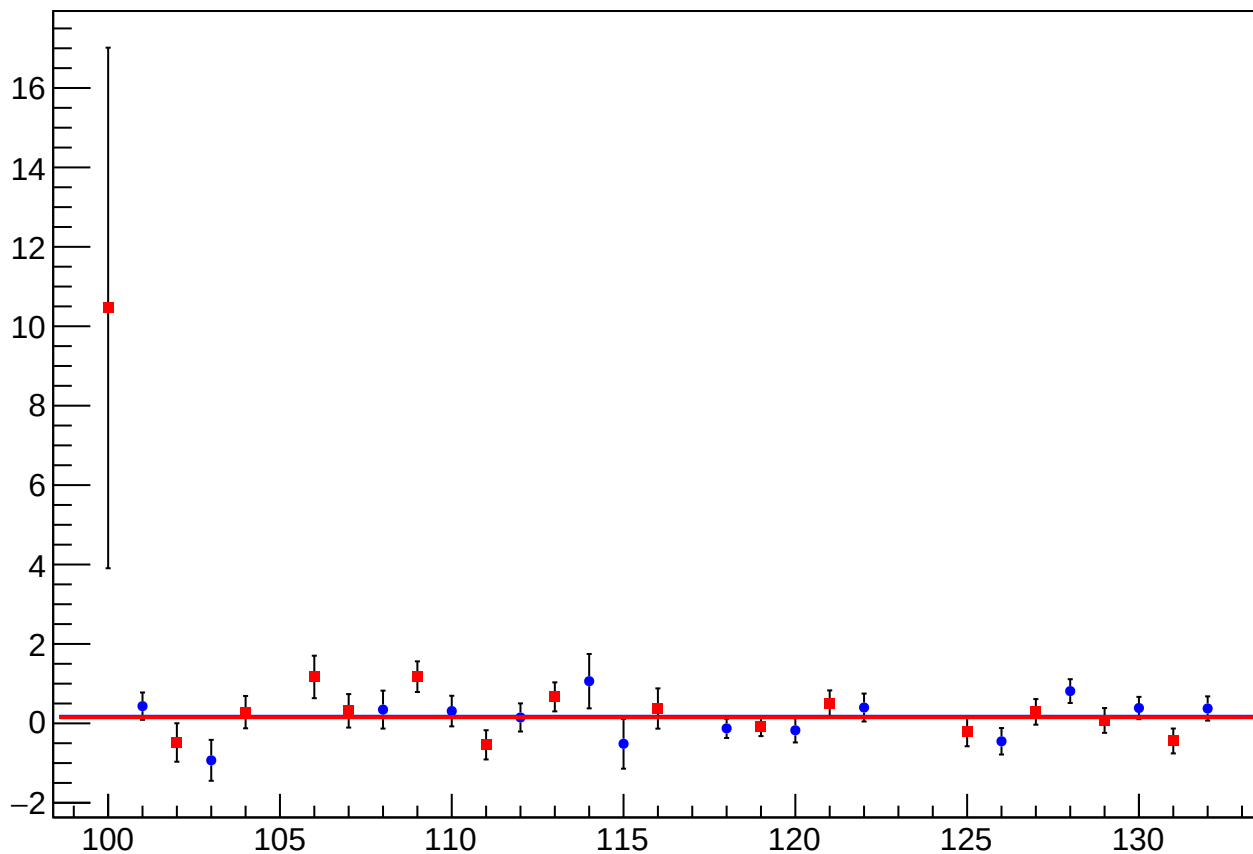
Right: -0.588 ± 0.062 χ^2/NDF : 71.4/28

In: -0.618 ± 0.088 χ^2/NDF : 25.3/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.588 ± 0.062 χ^2/NDF : 71.4/28

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.166 $\pm$ 0.093 χ^2 /NDF: 20.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.155 $\pm$ 0.096 χ^2 /NDF: 27.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

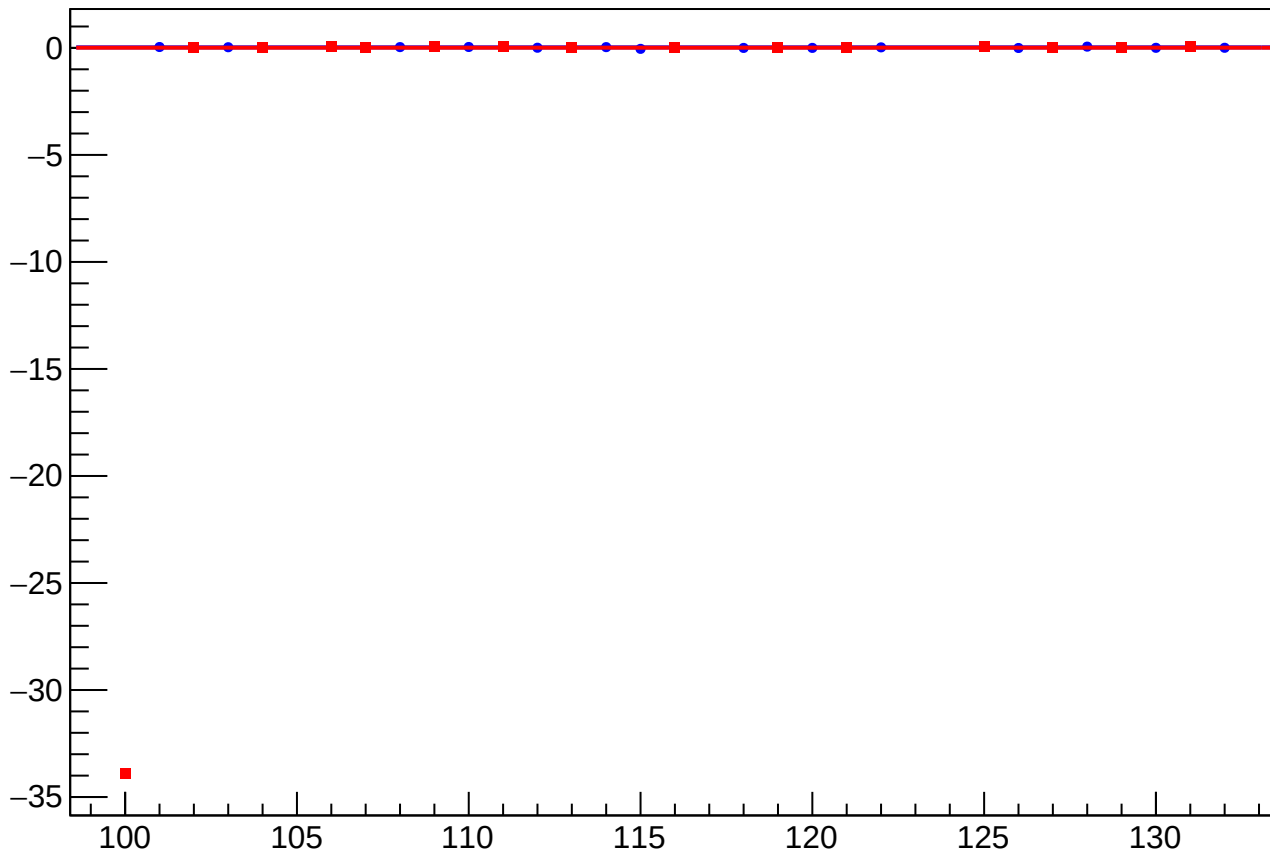
Right: 0.160 $\pm$ 0.067 χ^2 /NDF: 48.4/28

In: 0.166 $\pm$ 0.093 χ^2 /NDF:20.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.160 $\pm$ 0.067 χ^2 /NDF: 48.4/28

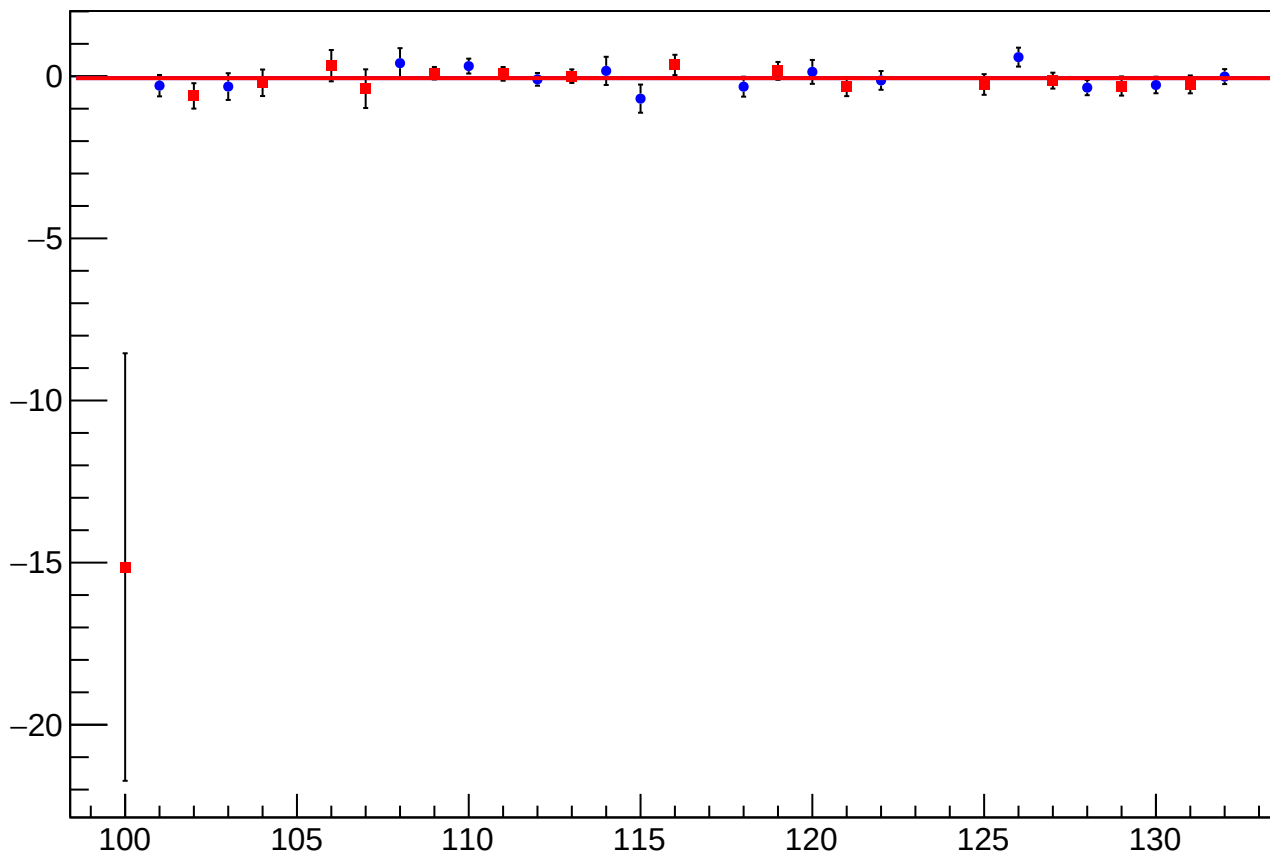
reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.025+/-0.006 χ^2/NDF : 11.9/13
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.010+/-0.006 χ^2/NDF : 22260.0/14
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.017+/-0.004 χ^2/NDF : 22275.0/28
 In: 0.025+/-0.006 χ^2/NDF : 11.9/13
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.017+/-0.004 χ^2/NDF : 22275.0/28

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.057 ± 0.077 $\chi^2/\text{NDF}: 15.2/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.058 ± 0.075 $\chi^2/\text{NDF}: 14.1/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

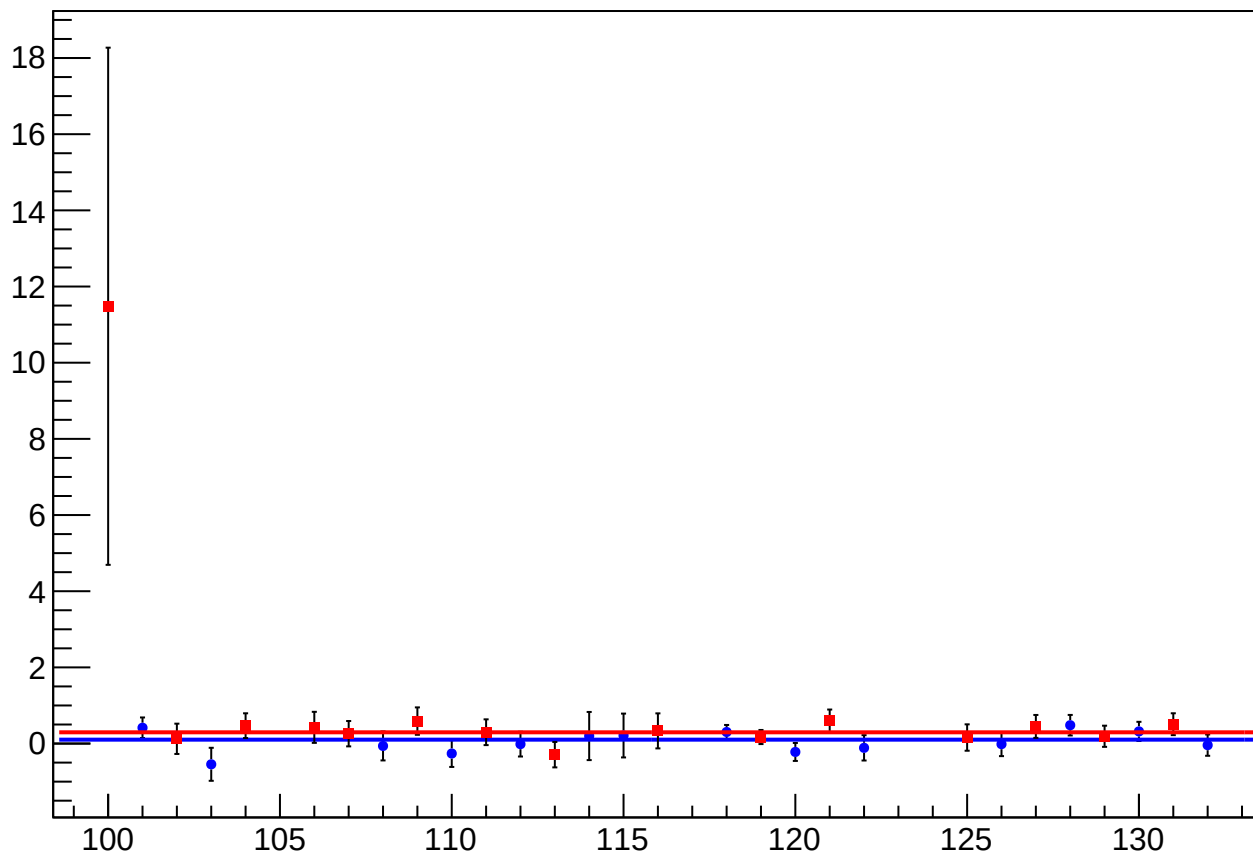
Right: -0.057 ± 0.054 $\chi^2/\text{NDF}: 29.3/28$

In: -0.057 ± 0.077 $\chi^2/\text{NDF}: 15.2/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.057 ± 0.054 $\chi^2/\text{NDF}: 29.3/28$

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.102 $\pm$ 0.080 χ^2 /NDF: 11.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.295 $\pm$ 0.083 χ^2 /NDF: 9.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

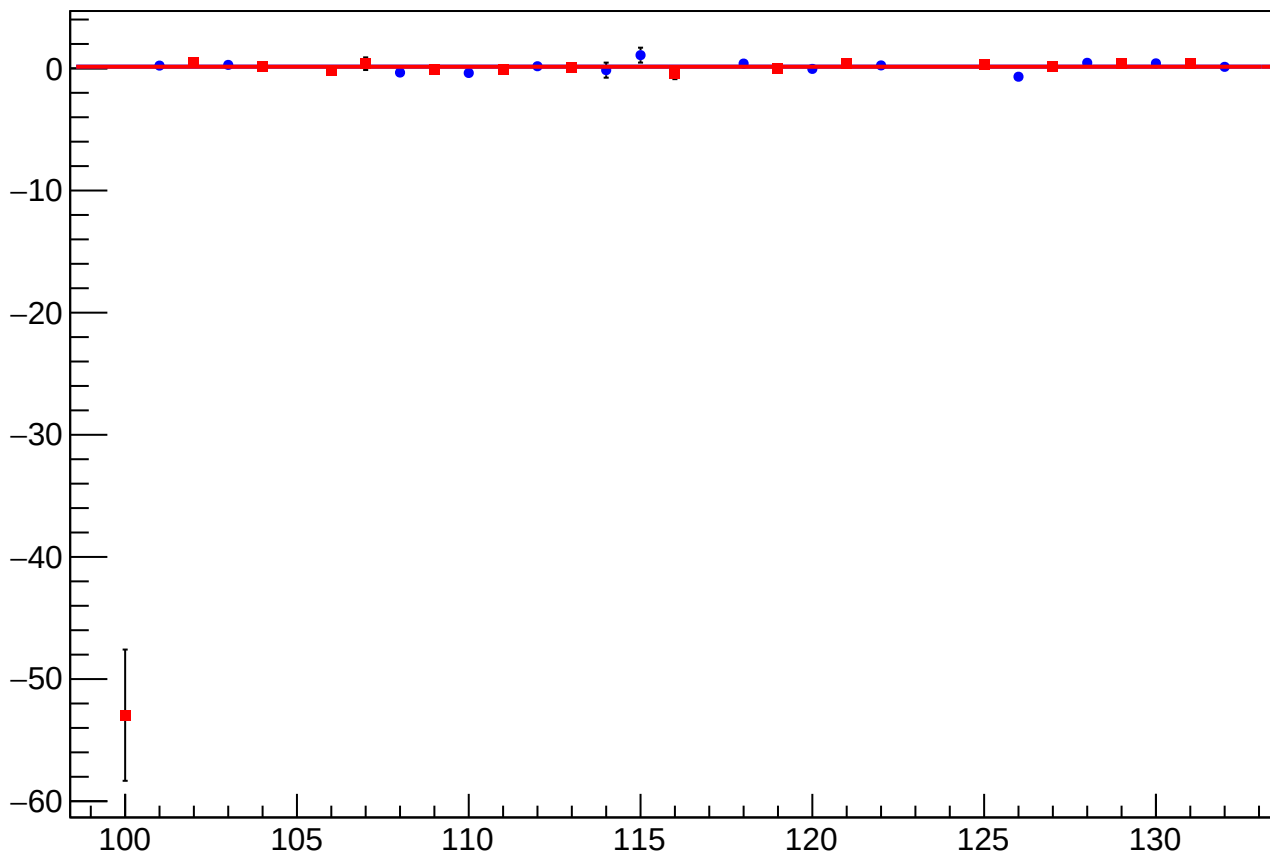
Right: 0.195 $\pm$ 0.057 χ^2 /NDF: 24.1/28

In: 0.102 $\pm$ 0.080 χ^2 /NDF:11.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.195 $\pm$ 0.057 χ^2 /NDF: 24.1/28

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.143+/-0.088 χ^2/NDF : 15.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.136+/-0.089 χ^2/NDF : 104.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

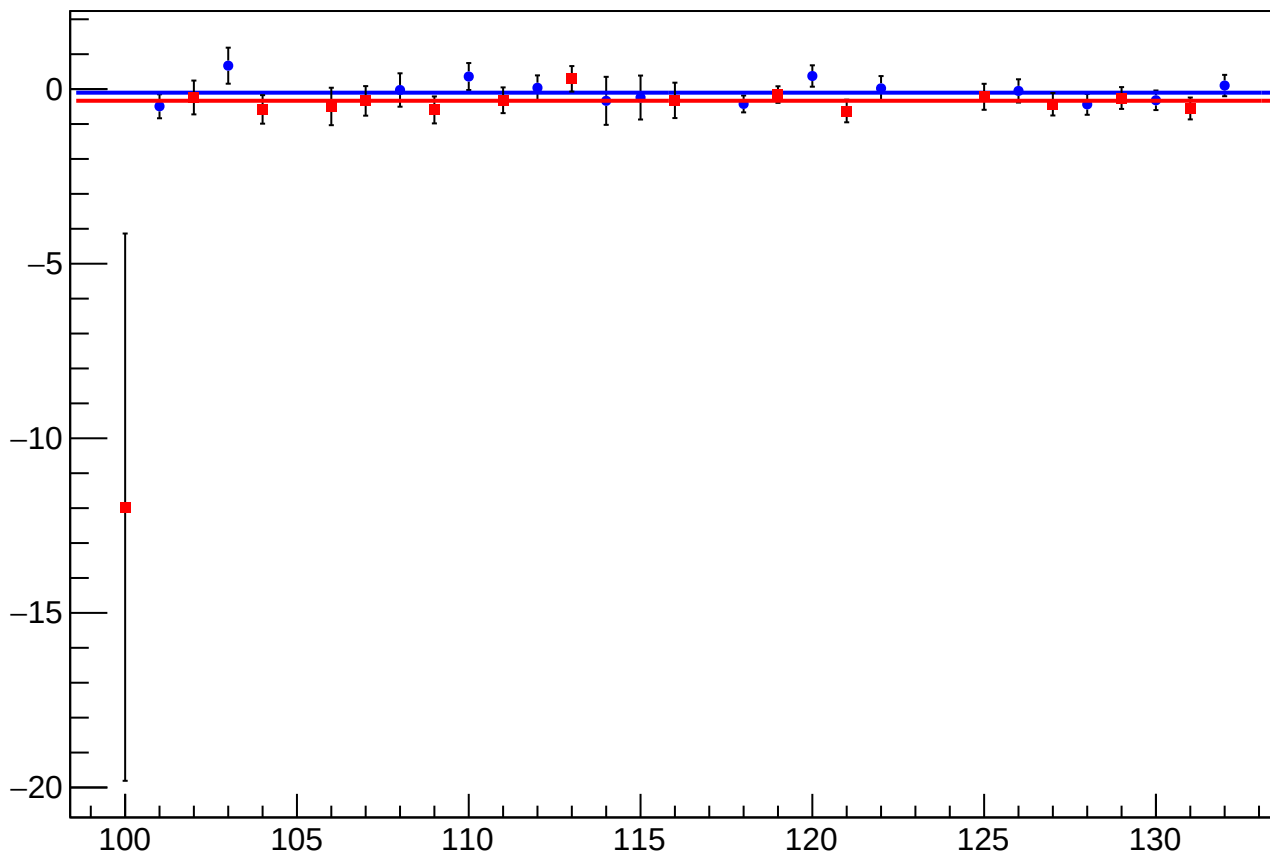
Right: 0.139+/-0.062 χ^2/NDF : 120.4/28

In: 0.143+/-0.088 χ^2/NDF : 15.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.139+/-0.062 χ^2/NDF : 120.4/28

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.102 ± 0.093 χ^2/NDF : 12.0/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.334 ± 0.096 χ^2/NDF : 8.3/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

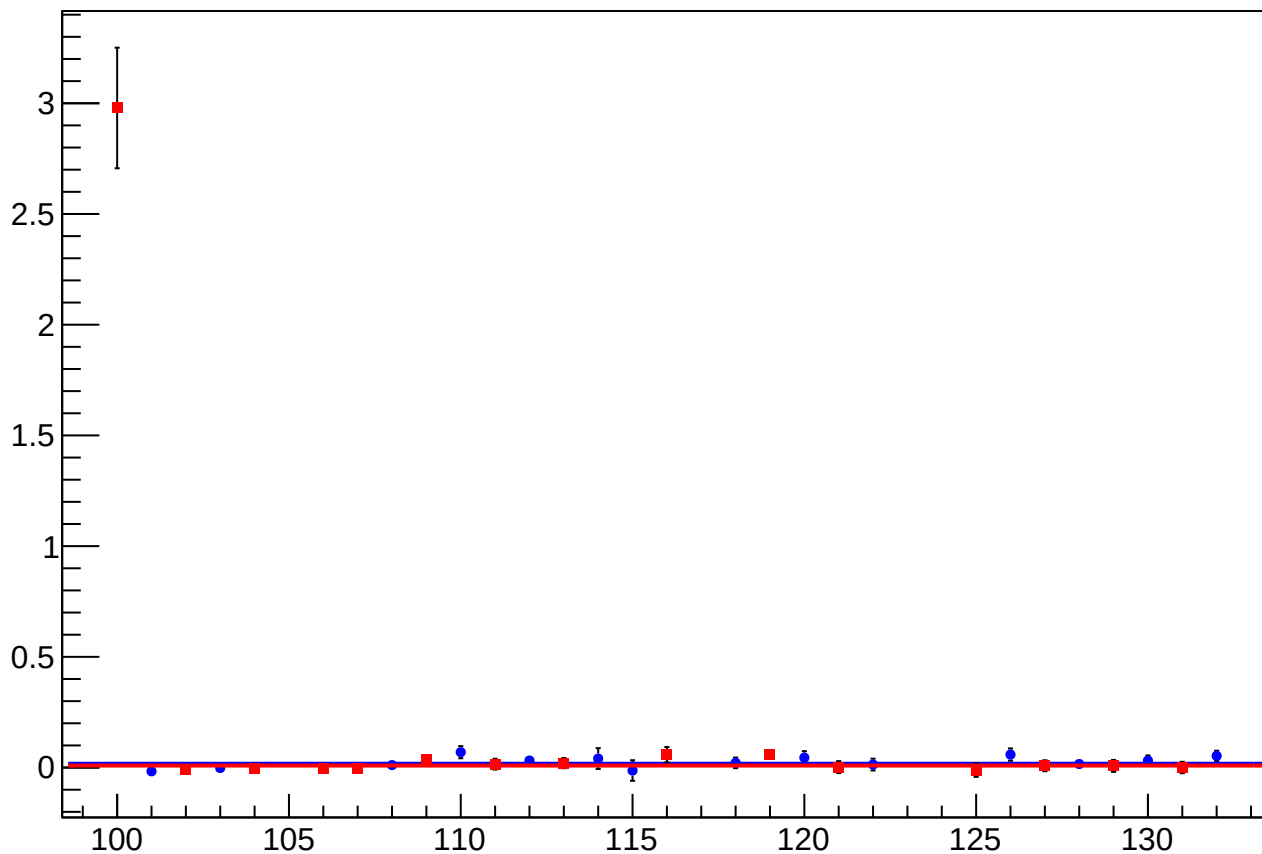
Right: -0.215 ± 0.067 χ^2/NDF : 23.2/28

In: -0.102 ± 0.093 χ^2/NDF : 12.0/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.215 ± 0.067 χ^2/NDF : 23.2/28

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.017 $\pm$ 0.006 χ^2 /NDF: 17.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.009 $\pm$ 0.006 χ^2 /NDF: 131.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

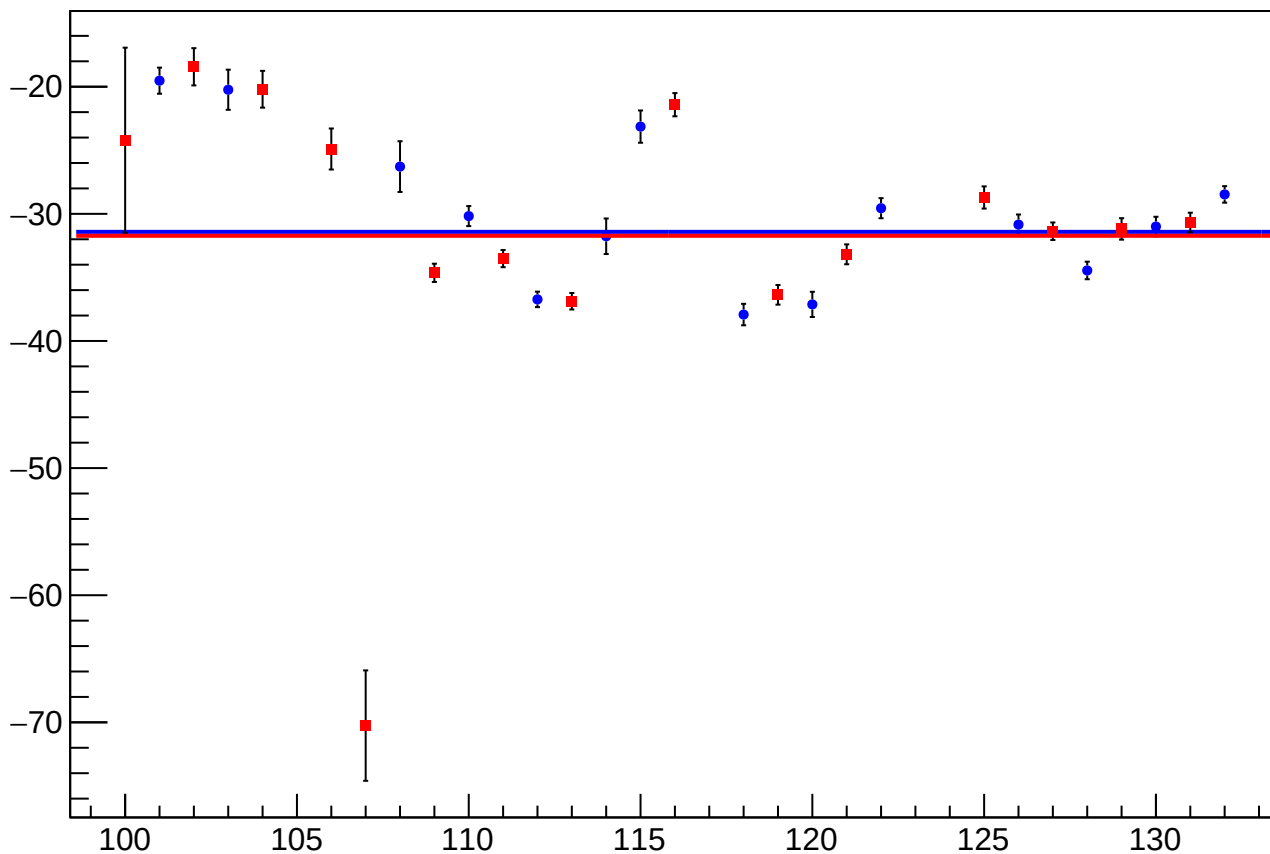
Right: 0.013 $\pm$ 0.004 χ^2 /NDF: 150.3/28

In: 0.017 $\pm$ 0.006 χ^2 /NDF:17.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.013 $\pm$ 0.004 χ^2 /NDF: 150.3/28

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -31.416 $\pm$ 0.231 χ^2 /NDF: 451.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -31.728 $\pm$ 0.230 χ^2 /NDF: 512.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

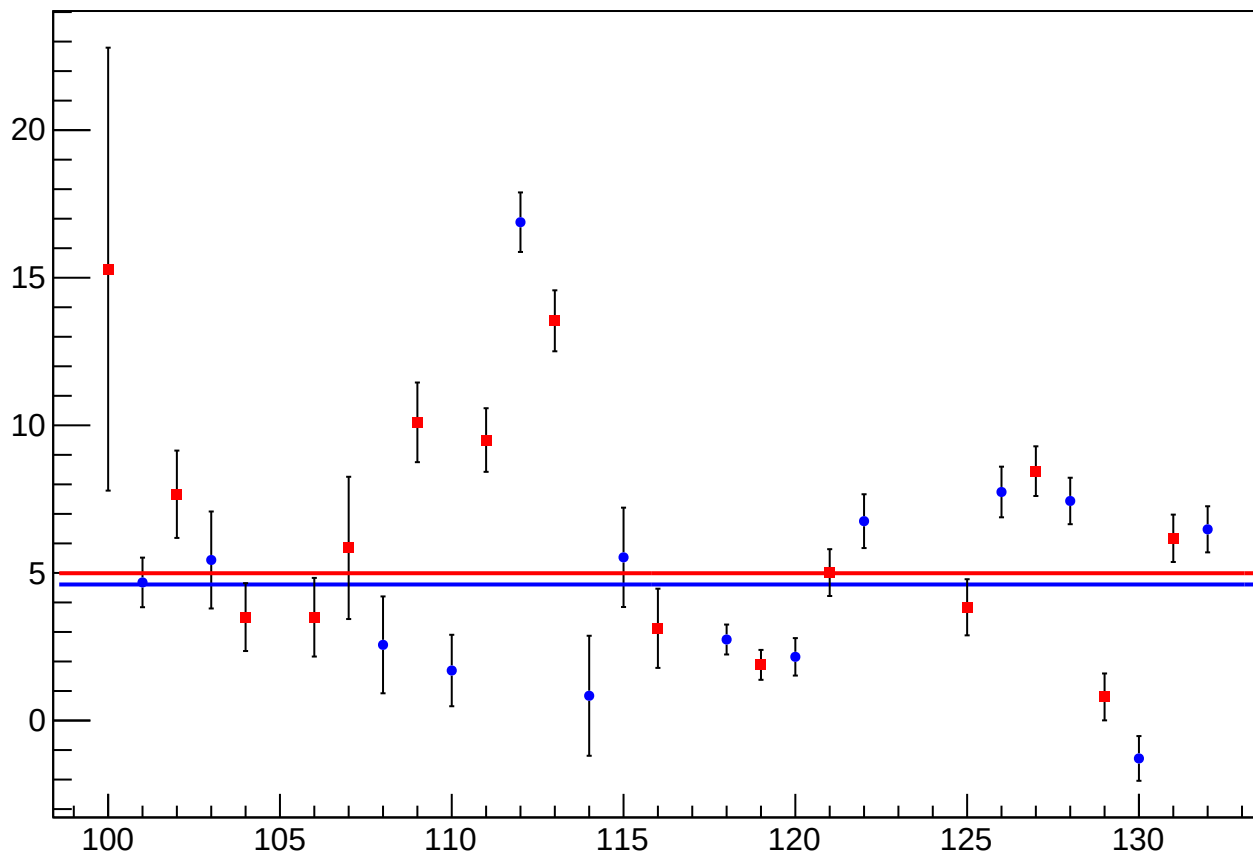
Right: -31.573 $\pm$ 0.163 χ^2 /NDF: 964.1/28

In: -31.416 $\pm$ 0.231 χ^2 /NDF:451.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -31.573 $\pm$ 0.163 χ^2 /NDF: 964.1/28

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.609+/-0.233 χ^2/NDF : 285.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.990+/-0.250 χ^2/NDF : 196.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

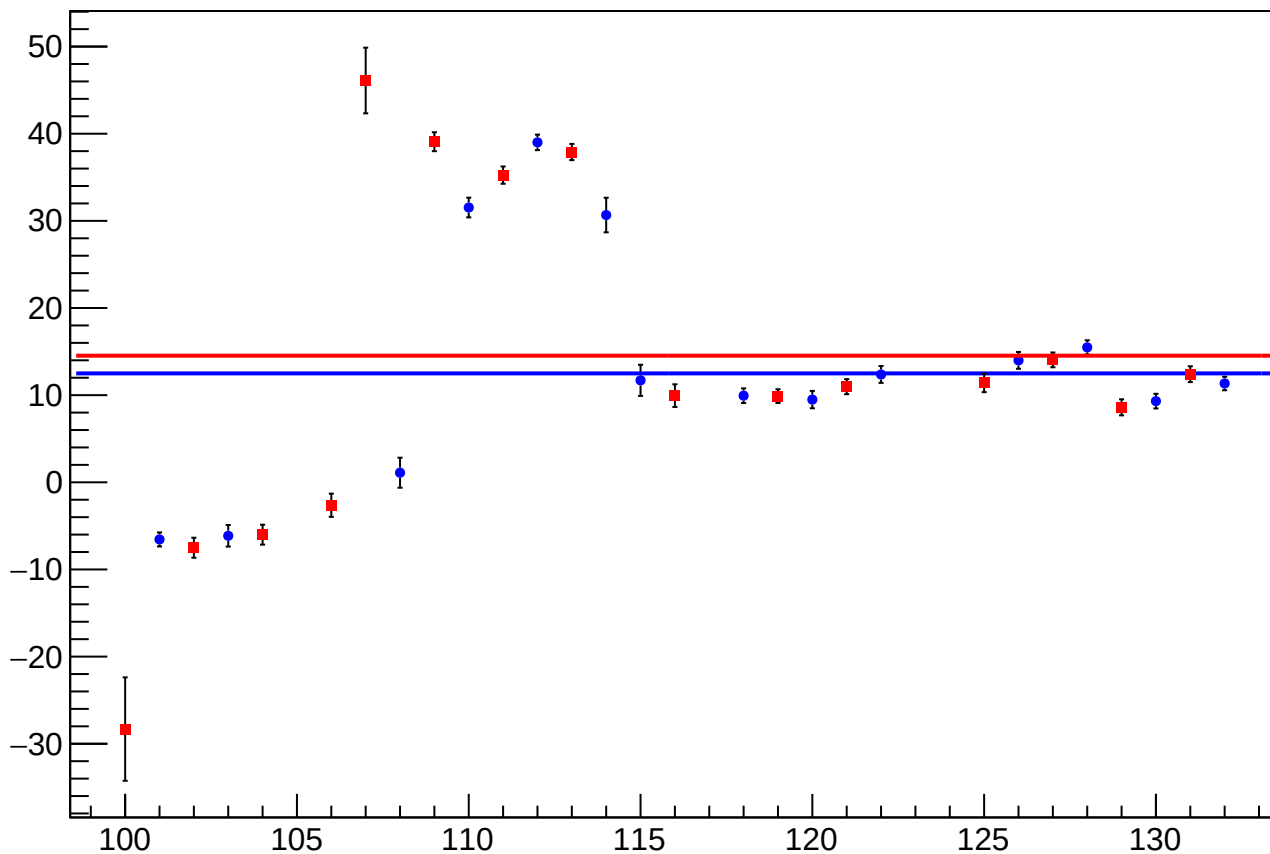
Right: 4.786+/-0.171 χ^2/NDF : 483.7/28

In: 4.609+/-0.233 χ^2/NDF : 285.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.786+/-0.171 χ^2/NDF : 483.7/28

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 12.497+/-0.265 χ^2/NDF : 2134.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.530+/-0.273 χ^2/NDF : 2685.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

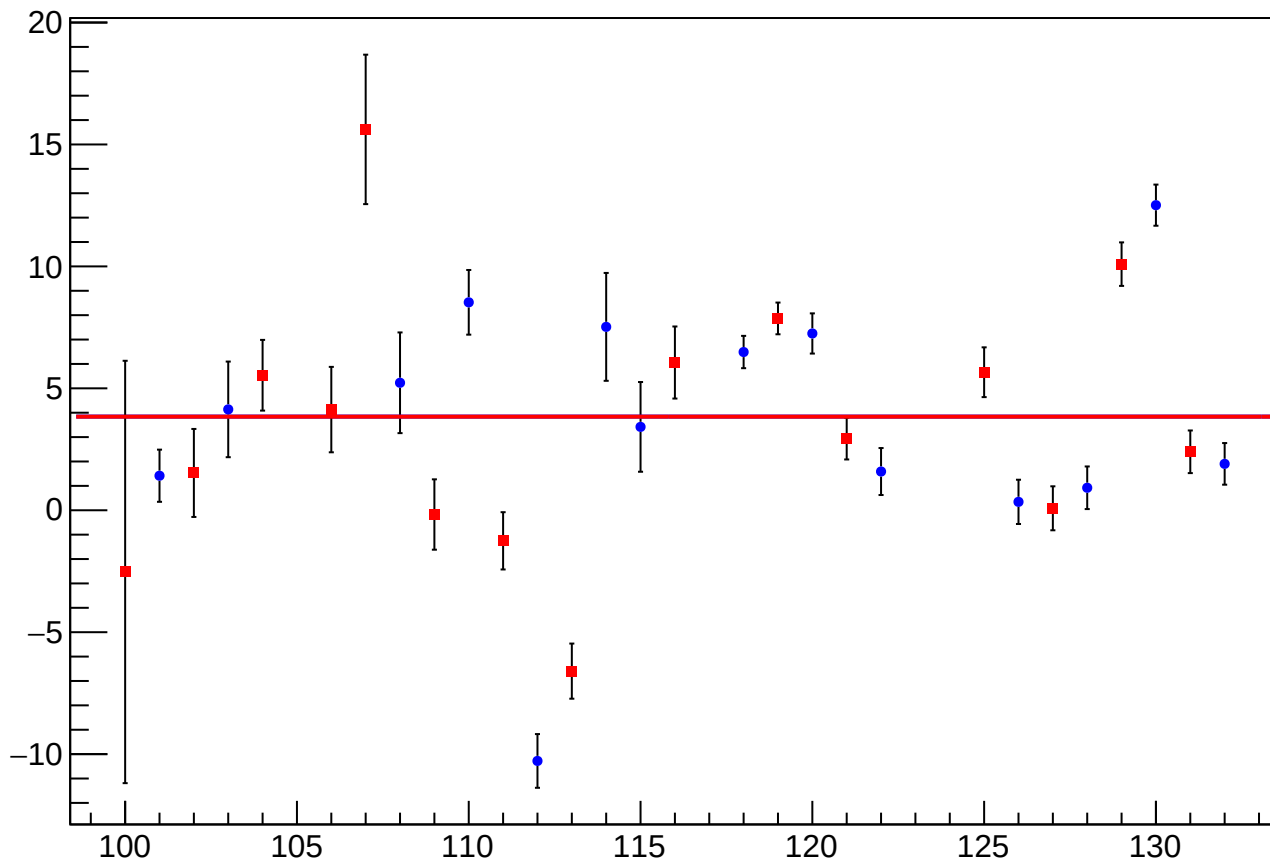
Right: 13.482+/-0.190 χ^2/NDF : 4848.4/28

In: 12.497+/-0.265 χ^2/NDF : 2134.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.482+/-0.190 χ^2/NDF : 4848.4/28

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.842 $\pm$ 0.273 χ^2 /NDF: 360.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.838 $\pm$ 0.287 χ^2 /NDF: 244.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

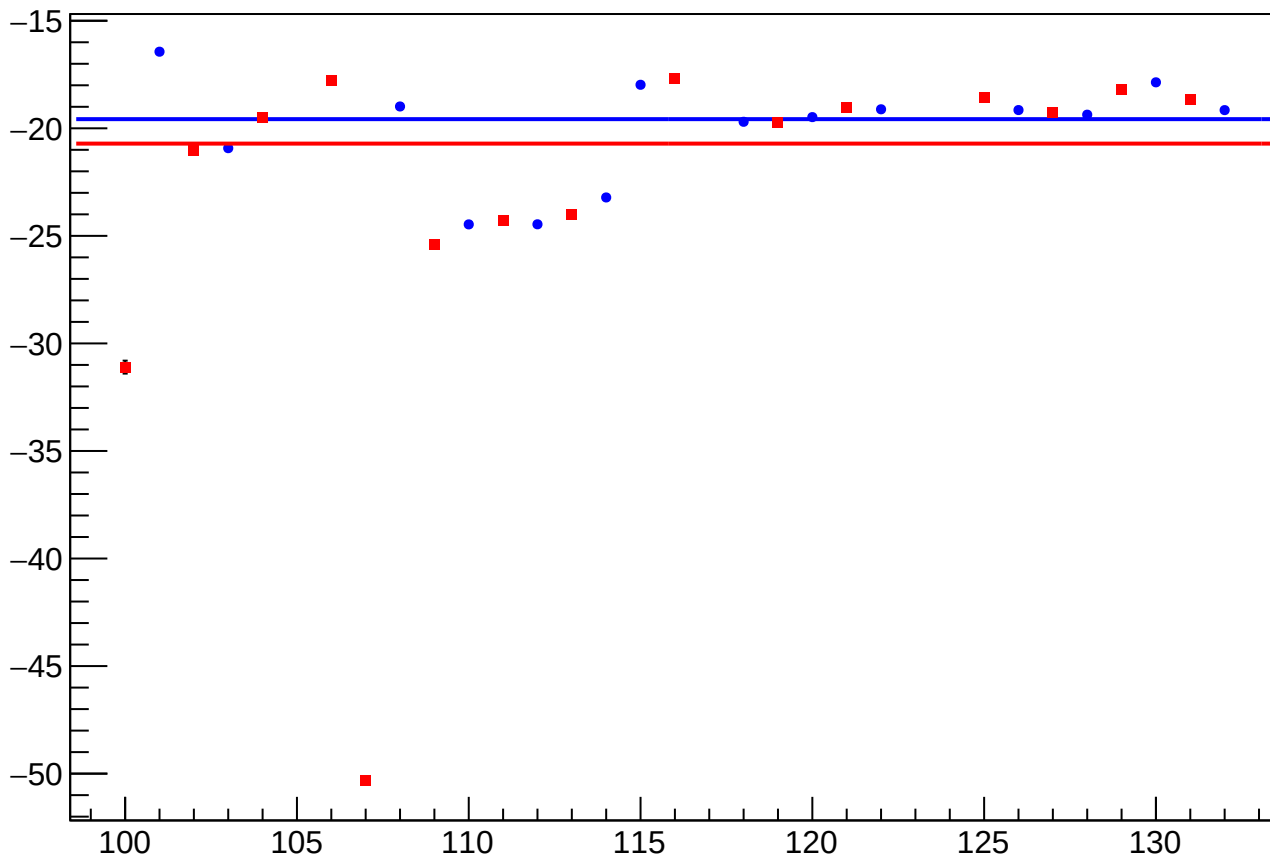
Right: 3.840 $\pm$ 0.198 χ^2 /NDF: 604.8/28

In: 3.842 $\pm$ 0.273 χ^2 /NDF:360.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.840 $\pm$ 0.198 χ^2 /NDF: 604.8/28

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.574+/-0.019 χ^2/NDF : 14116.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.711+/-0.019 χ^2/NDF : 53835.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

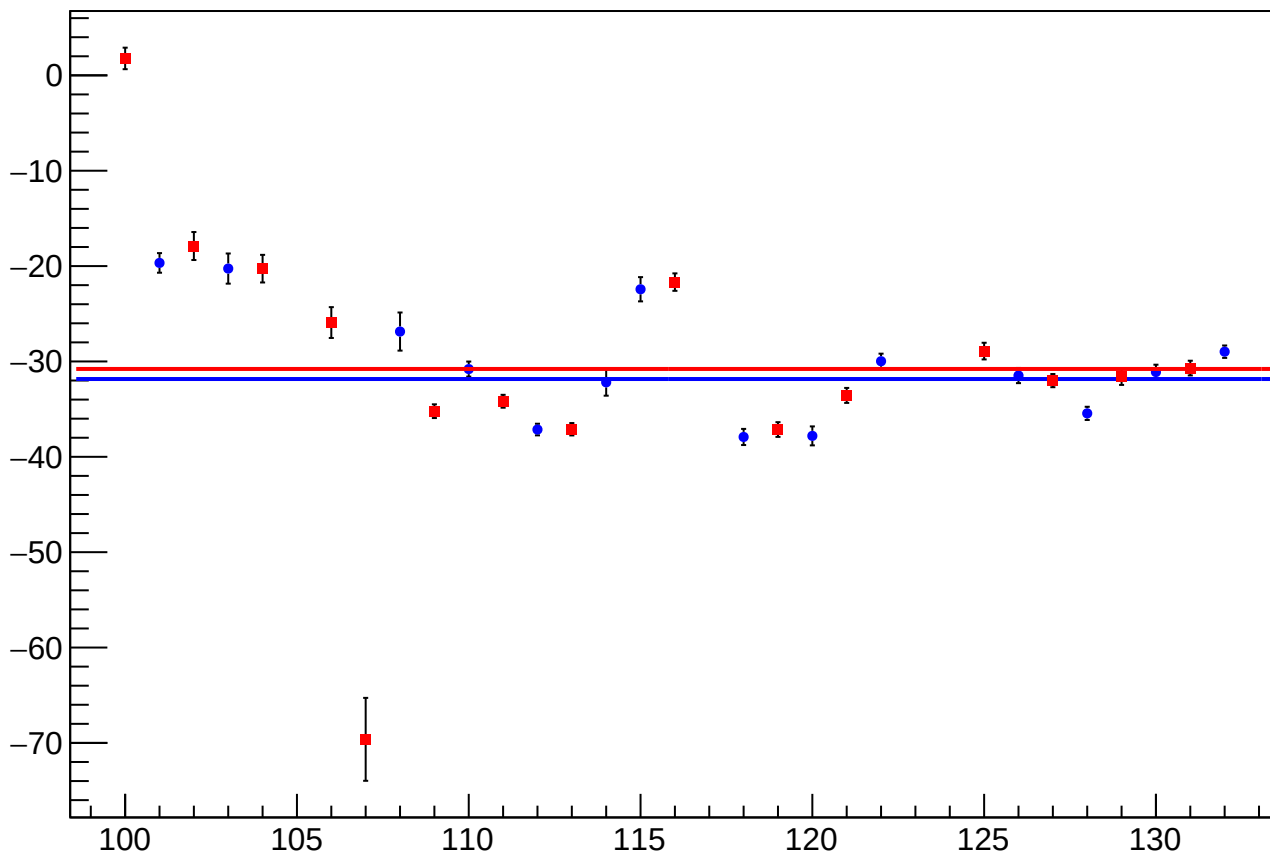
Right: -20.141+/-0.013 χ^2/NDF : 69786.0/28

In: -19.574+/-0.019 χ^2/NDF : 14116.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.141+/-0.013 χ^2/NDF : 69786.0/28

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -31.842 ± 0.231 χ^2/NDF : 472.8/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -30.787 ± 0.226 χ^2/NDF : 1397.4/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

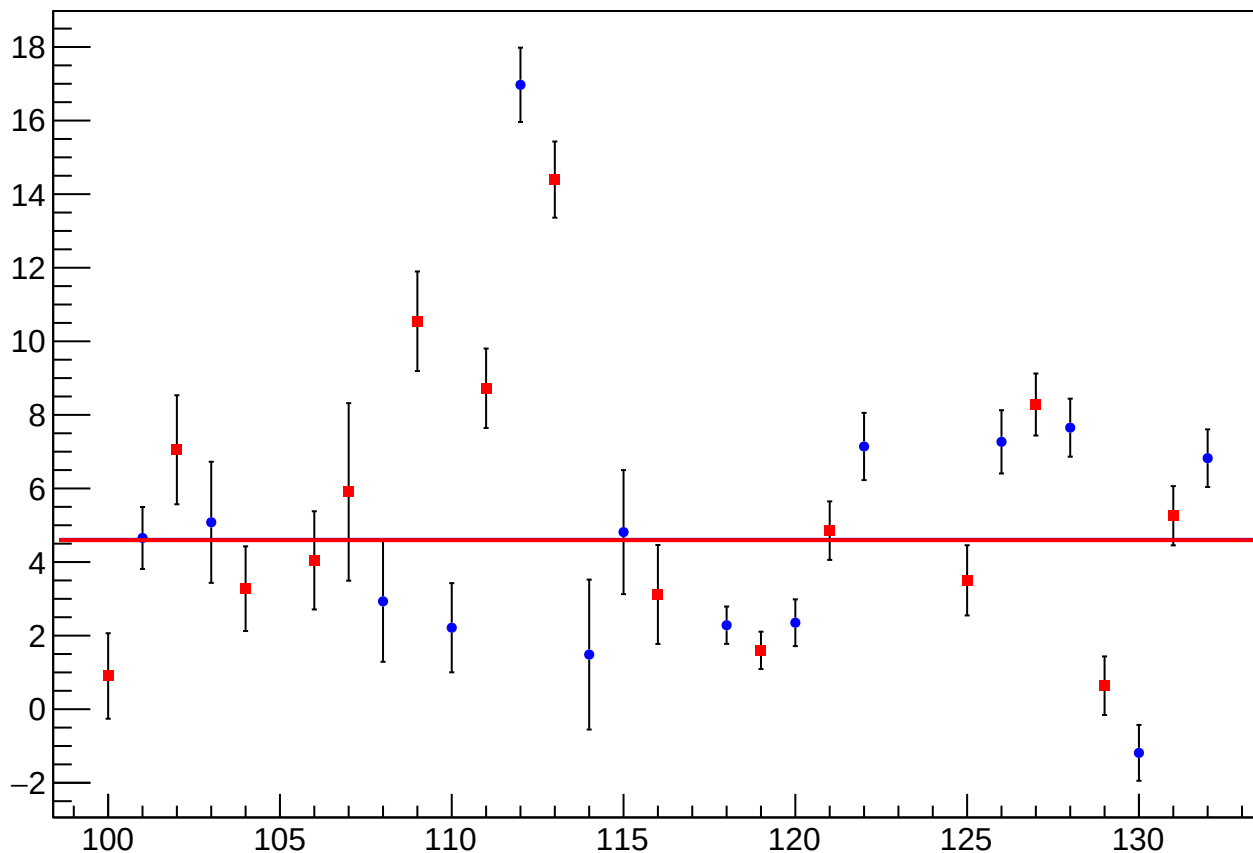
Right: -31.302 ± 0.161 χ^2/NDF : 1880.9/28

In: -31.842 ± 0.231 χ^2/NDF : 472.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -31.302 ± 0.161 χ^2/NDF : 1880.9/28

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.603 $\pm$ 0.234 χ^2 /NDF: 289.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4.595 $\pm$ 0.245 χ^2 /NDF: 220.2/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

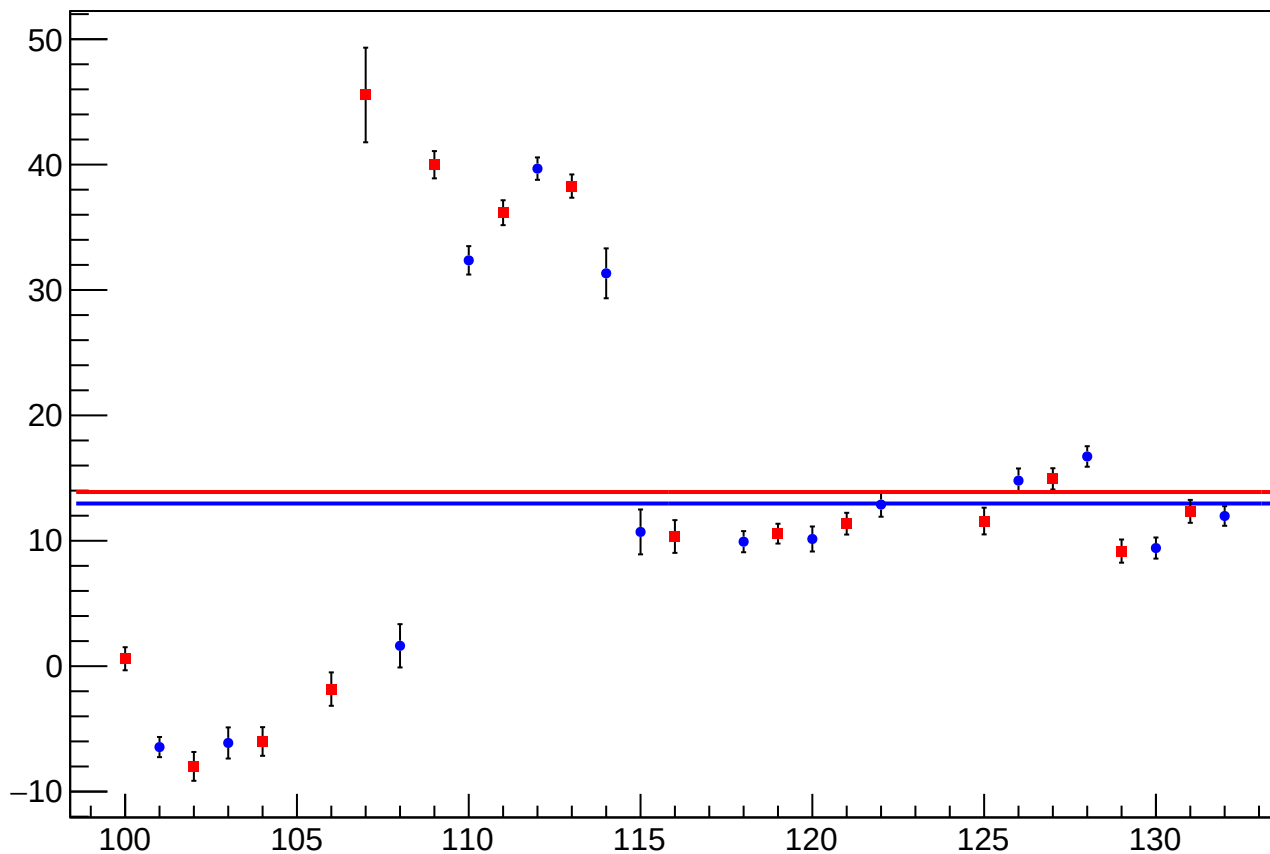
Right: 4.599 $\pm$ 0.169 χ^2 /NDF: 509.3/28

In: 4.603 $\pm$ 0.234 χ^2 /NDF:289.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4.599 $\pm$ 0.169 χ^2 /NDF: 509.3/28

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 12.972 $\pm$ 0.265 χ^2 /NDF: 2201.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 13.889 $\pm$ 0.262 χ^2 /NDF: 2920.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

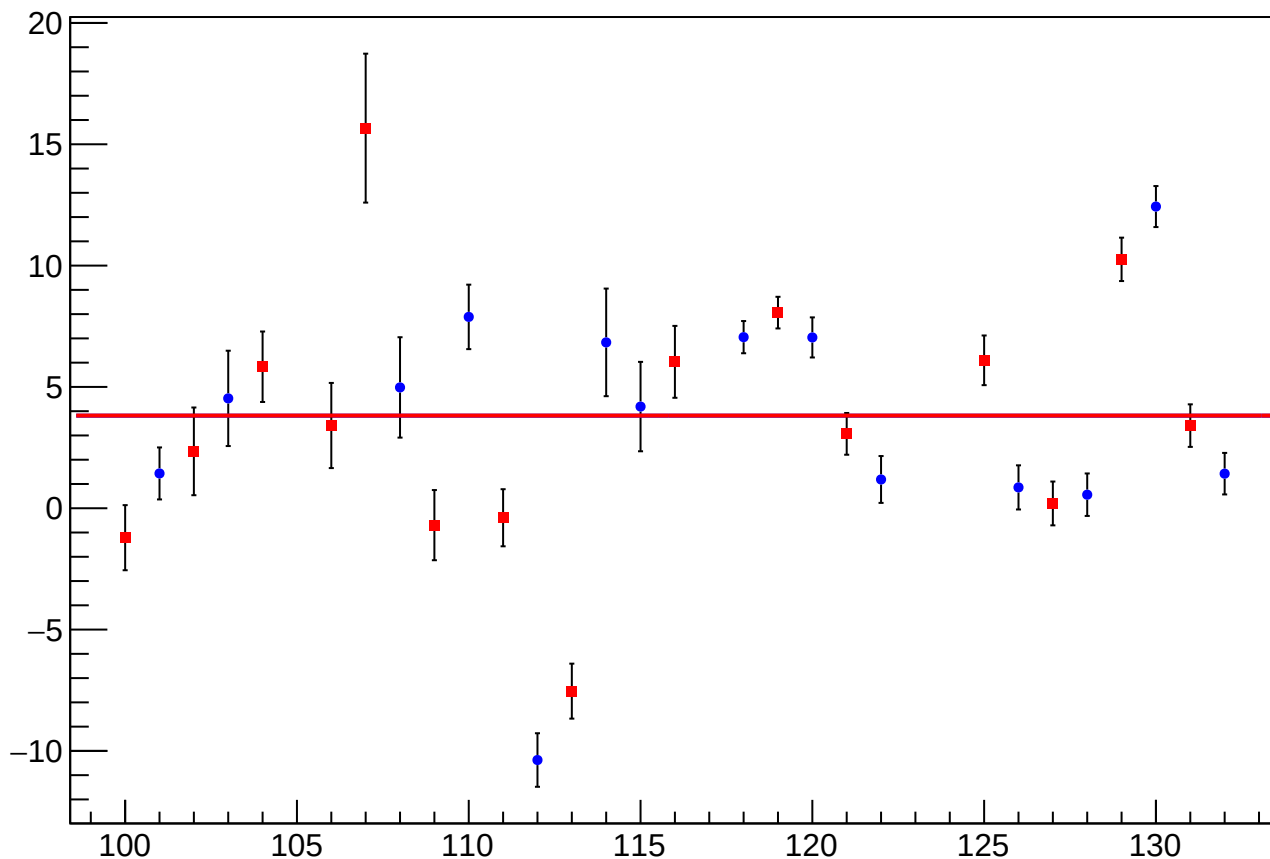
Right: 13.436 $\pm$ 0.187 χ^2 /NDF: 5127.9/28

In: 12.972 $\pm$ 0.265 χ^2 /NDF:2201.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 13.436 $\pm$ 0.187 χ^2 /NDF: 5127.9/28

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.815+/-0.274 χ^2/NDF : 364.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.819+/-0.281 χ^2/NDF : 273.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

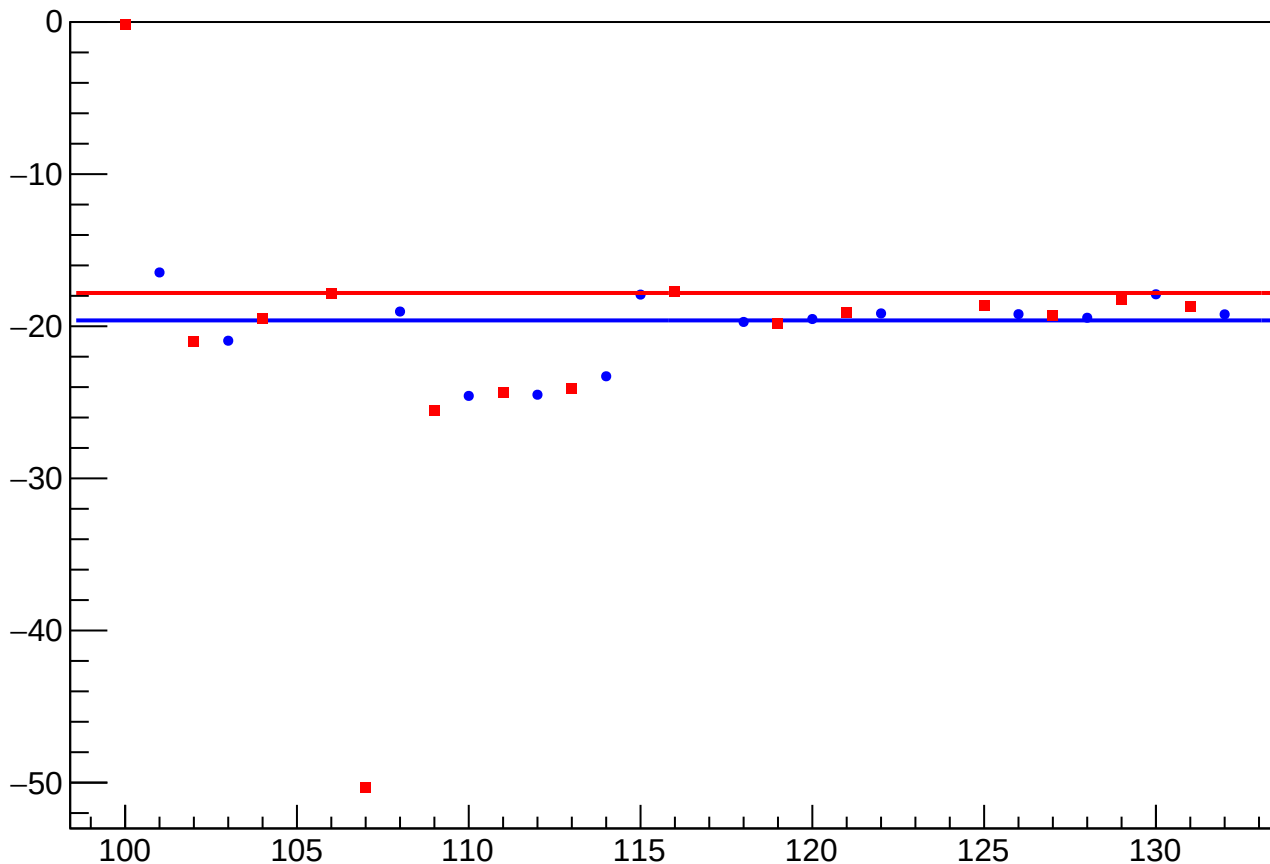
Right: 3.817+/-0.196 χ^2/NDF : 637.7/28

In: 3.815+/-0.274 χ^2/NDF : 364.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.817+/-0.196 χ^2/NDF : 637.7/28

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.615+/-0.019 χ^2/NDF : 14186.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.812+/-0.018 χ^2/NDF : 219604.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

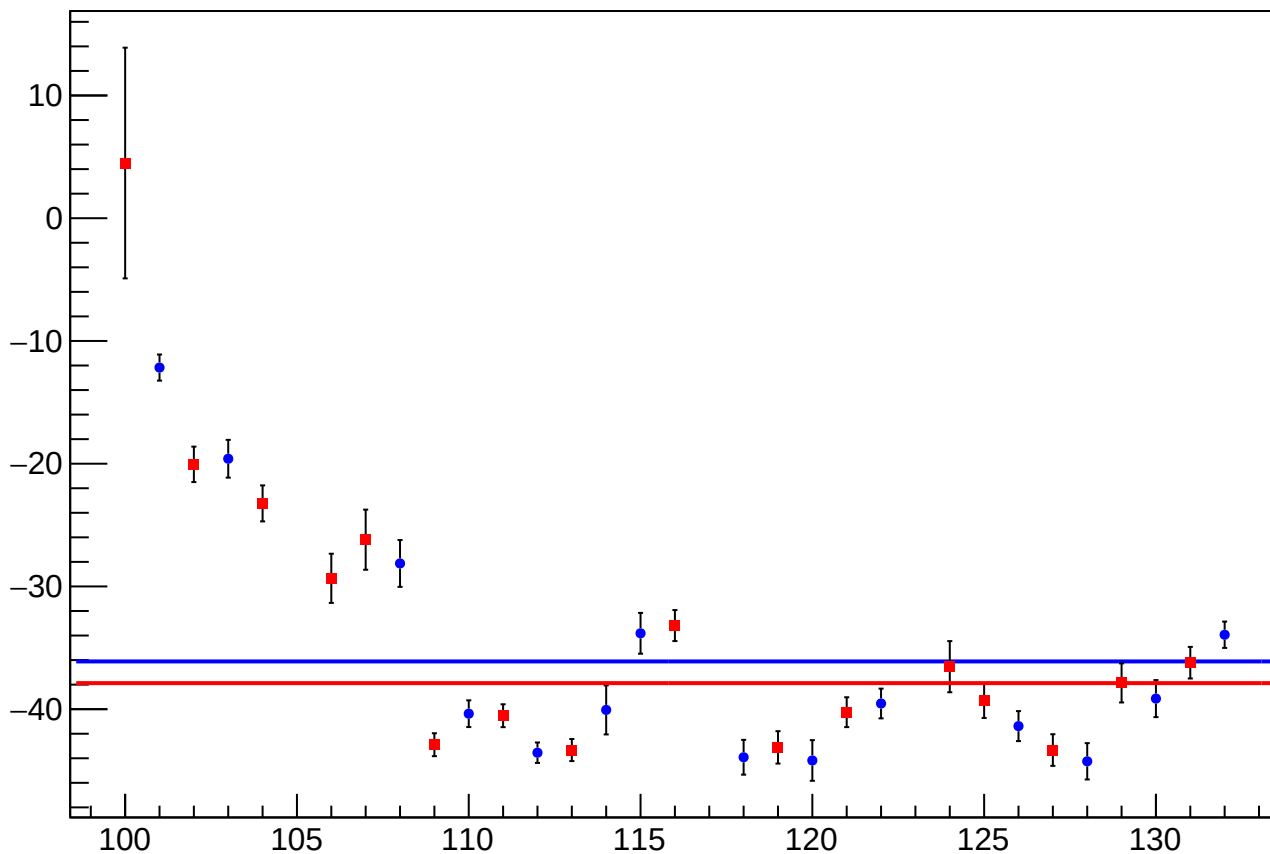
Right: -18.650+/-0.013 χ^2/NDF : 238720.1/28

In: -19.615+/-0.019 χ^2/NDF : 14186.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.650+/-0.013 χ^2/NDF : 238720.1/28

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -36.110 ± 0.344 χ^2/NDF : 859.1/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -37.877 ± 0.331 χ^2/NDF : 441.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

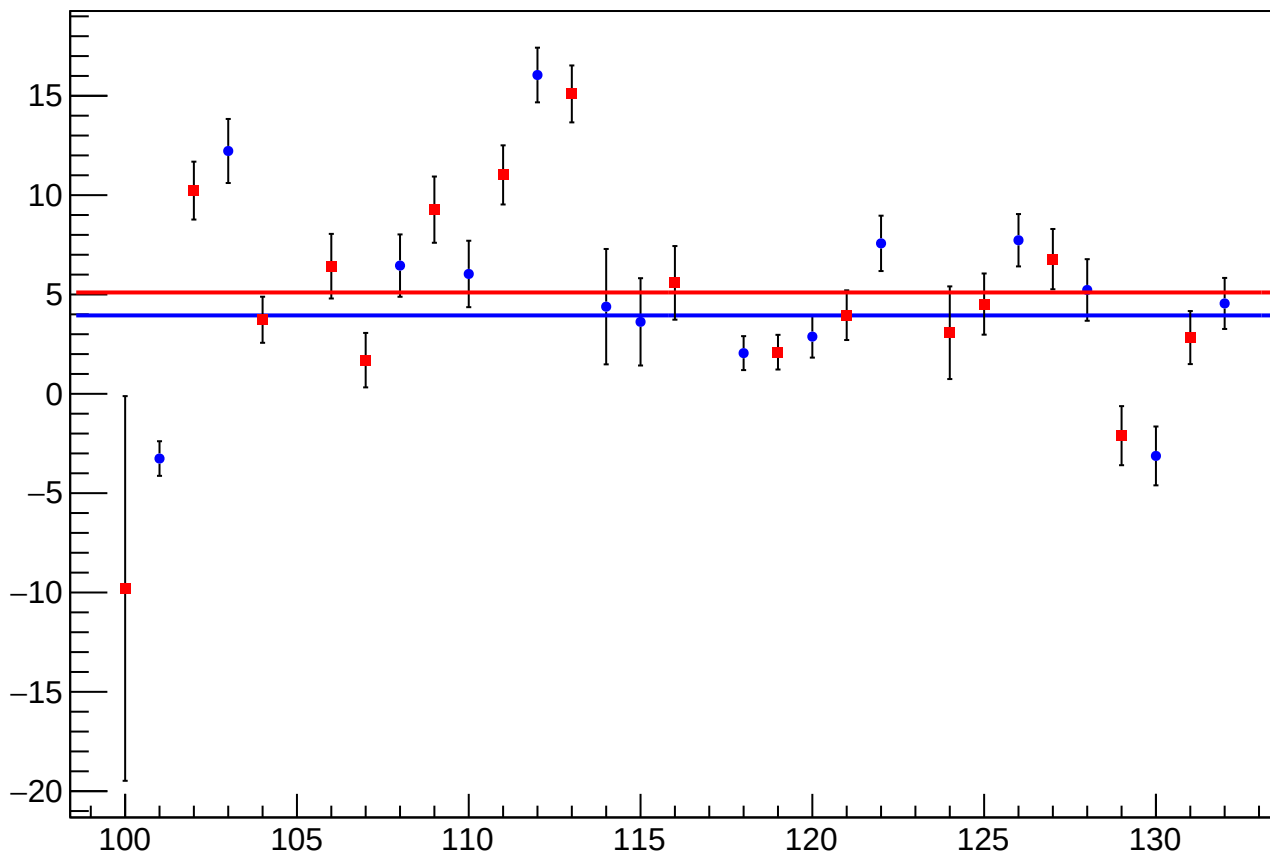
Right: -37.026 ± 0.239 χ^2/NDF : 1314.2/29

In: -36.110 ± 0.344 χ^2/NDF : 859.1/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -37.026 ± 0.239 χ^2/NDF : 1314.2/29

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.946+/-0.350 χ^2/NDF : 220.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.102+/-0.360 χ^2/NDF : 135.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

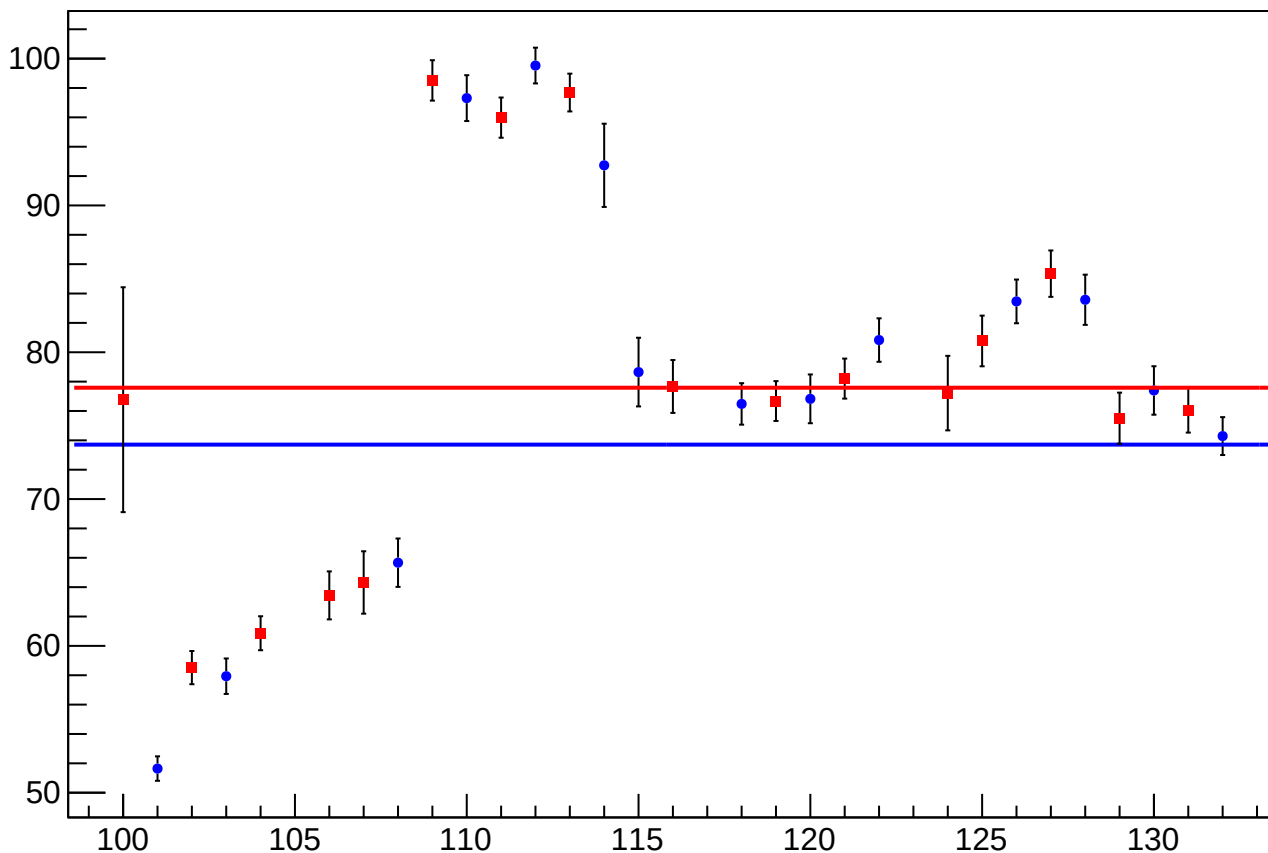
Right: 4.509+/-0.251 χ^2/NDF : 361.2/29

In: 3.946+/-0.350 χ^2/NDF : 220.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.509+/-0.251 χ^2/NDF : 361.2/29

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 73.709+/-0.379 χ^2/NDF : 1735.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.585+/-0.382 χ^2/NDF : 1293.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

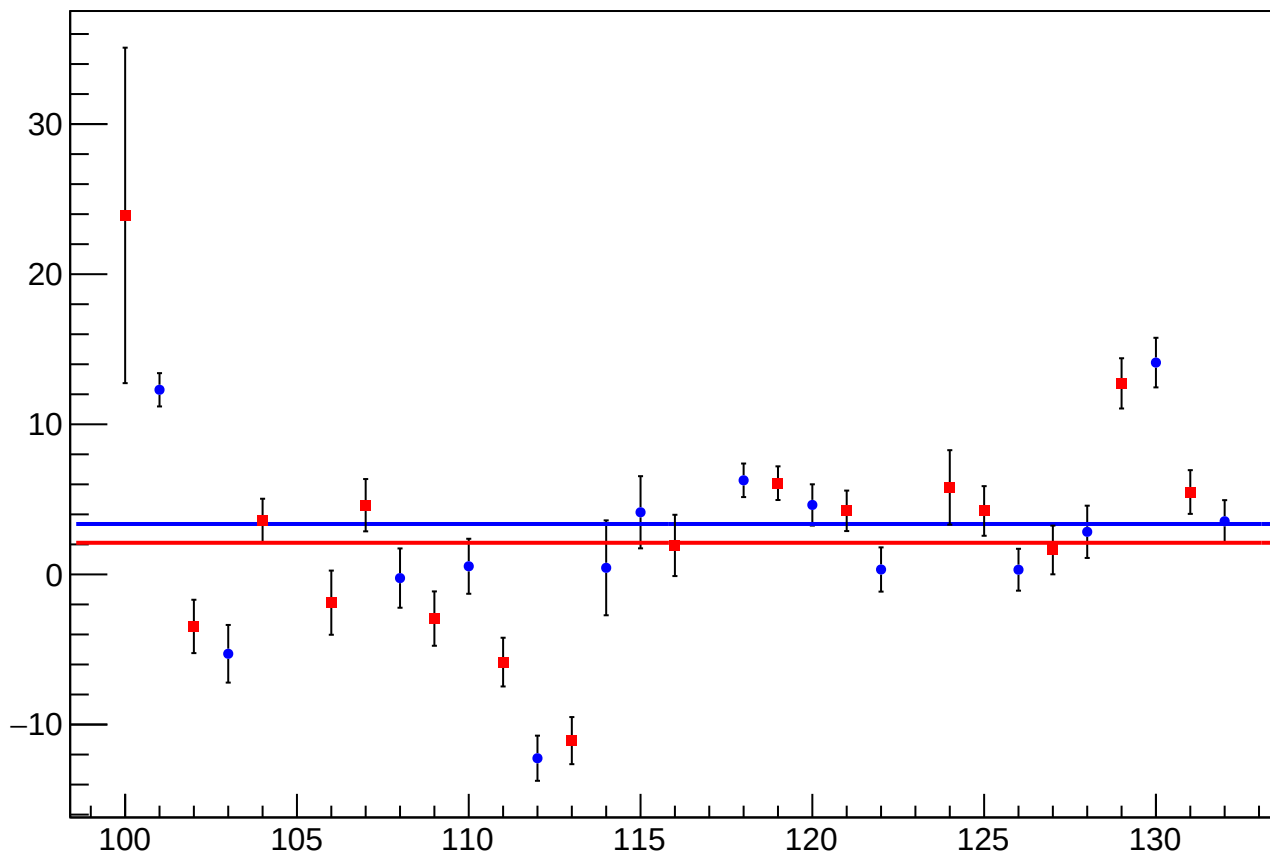
Right: 75.631+/-0.269 χ^2/NDF : 3081.5/29

In: 73.709+/-0.379 χ^2/NDF : 1735.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.631+/-0.269 χ^2/NDF : 3081.5/29

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.360 $\pm$ 0.413 χ^2 /NDF: 258.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.108 $\pm$ 0.417 χ^2 /NDF: 187.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

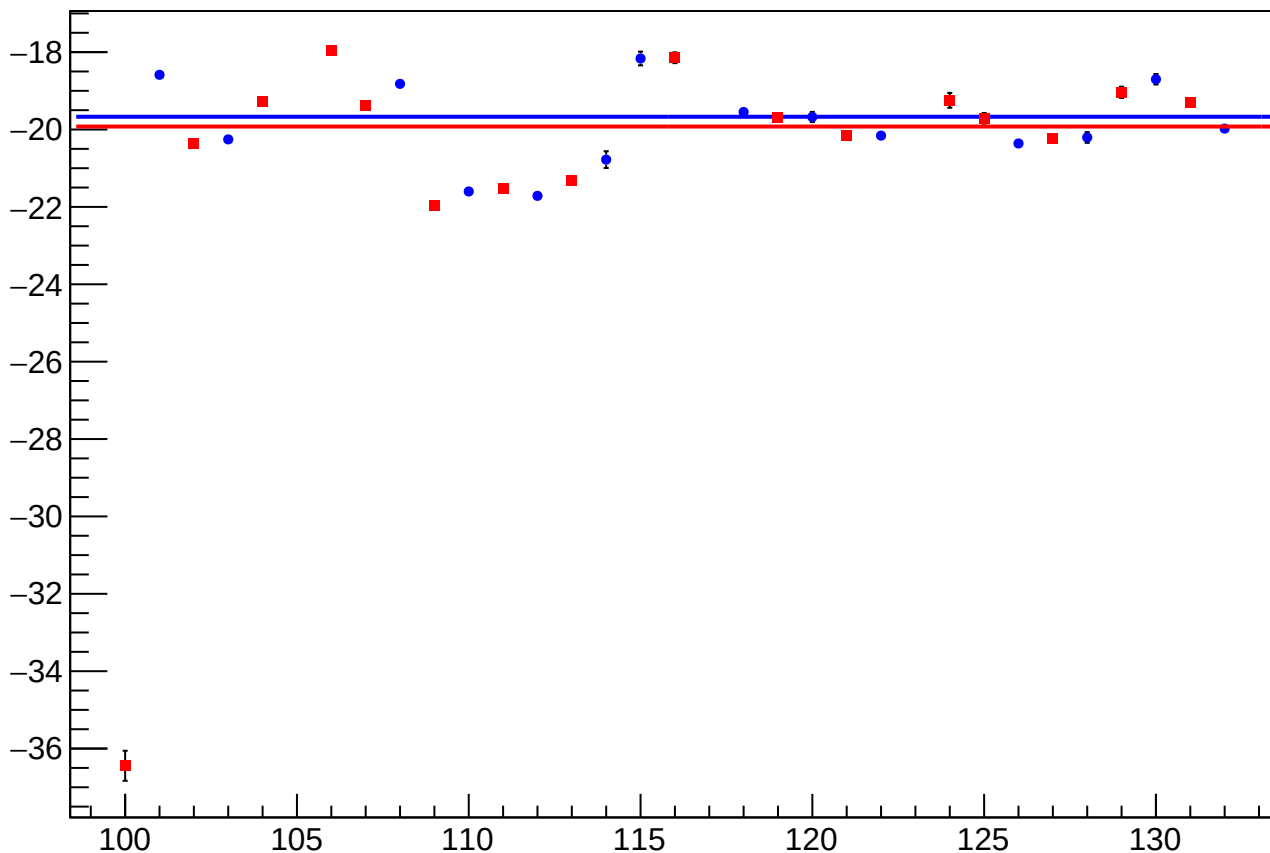
Right: 2.740 $\pm$ 0.293 χ^2 /NDF: 450.3/29

In: 3.360 $\pm$ 0.413 χ^2 /NDF:258.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.740 $\pm$ 0.293 χ^2 /NDF: 450.3/29

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.671 $\pm$ 0.024 χ^2 /NDF: 1678.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -19.923 $\pm$ 0.023 χ^2 /NDF: 3853.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

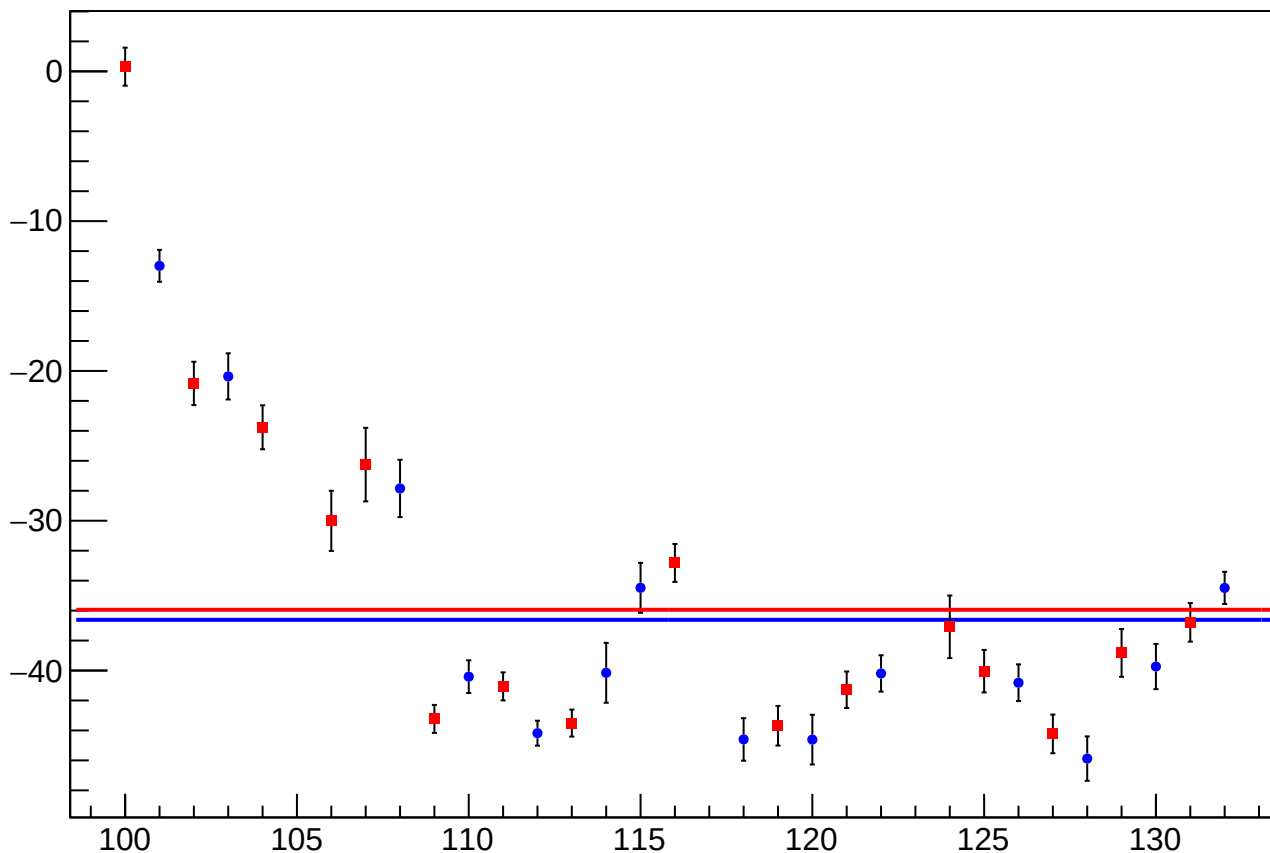
Right: -19.800 $\pm$ 0.017 χ^2 /NDF: 5589.0/29

In: -19.671 $\pm$ 0.024 χ^2 /NDF:1678.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -19.800 $\pm$ 0.017 χ^2 /NDF: 5589.0/29

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -36.616+/-0.344 χ^2/NDF : 845.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -35.944+/-0.321 χ^2/NDF : 1294.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

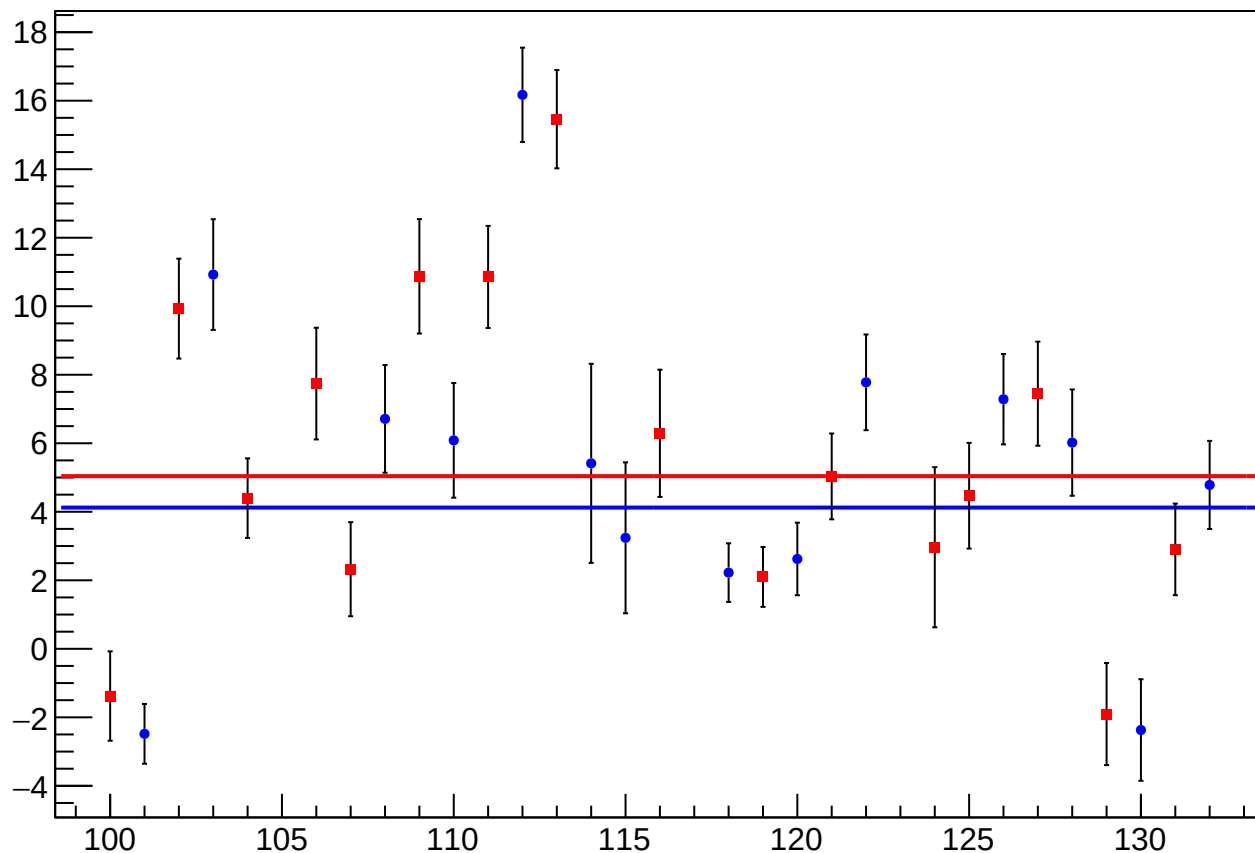
Right: -36.257+/-0.235 χ^2/NDF : 2142.9/29

In: -36.616+/-0.344 χ^2/NDF : 845.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.257+/-0.235 χ^2/NDF : 2142.9/29

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.123 $\pm$ 0.351 χ^2 /NDF: 196.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5.041 $\pm$ 0.348 χ^2 /NDF: 162.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

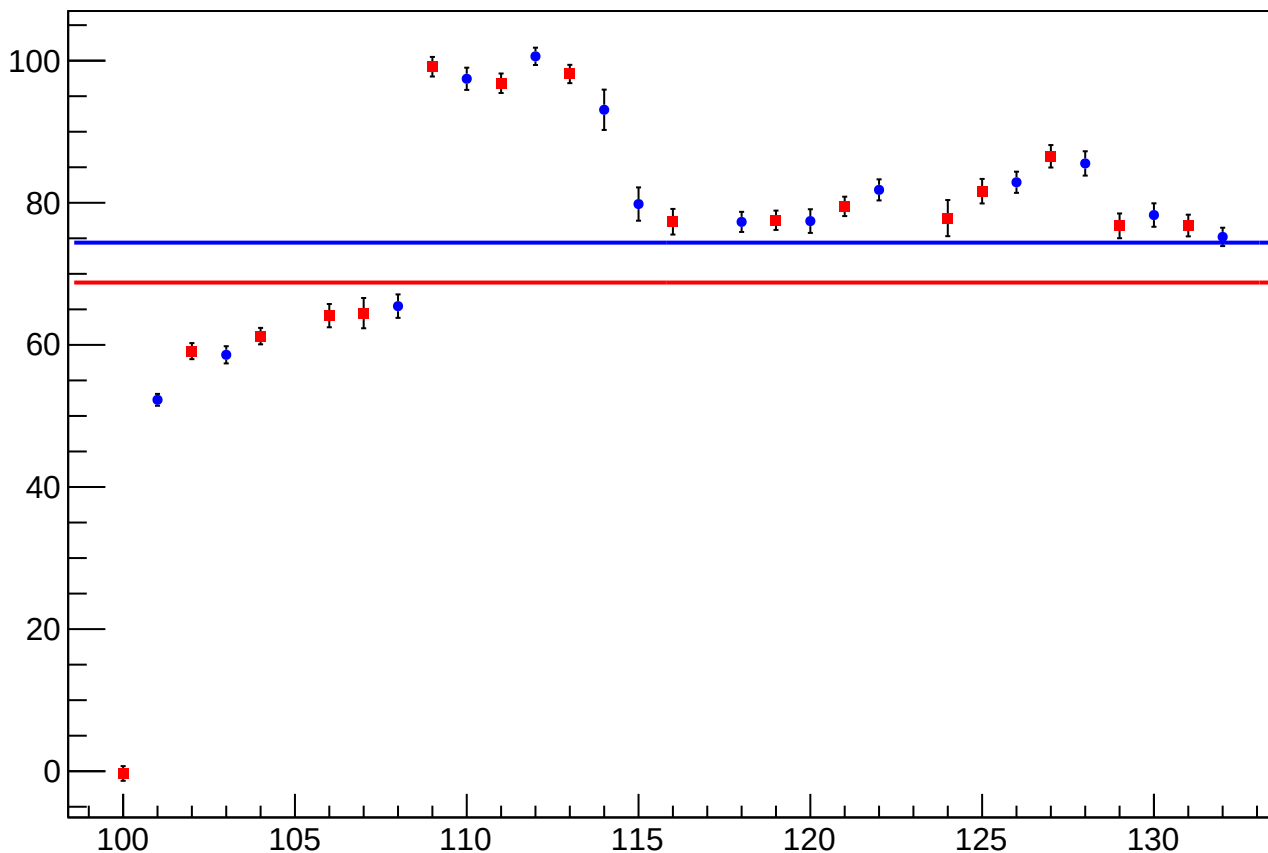
Right: 4.586 $\pm$ 0.247 χ^2 /NDF: 362.0/29

In: 4.123 $\pm$ 0.351 χ^2 /NDF:196.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4.586 $\pm$ 0.247 χ^2 /NDF: 362.0/29

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.392+/-0.379 χ^2 /NDF: 1745.3/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 68.775+/-0.359 χ^2 /NDF: 6389.8/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

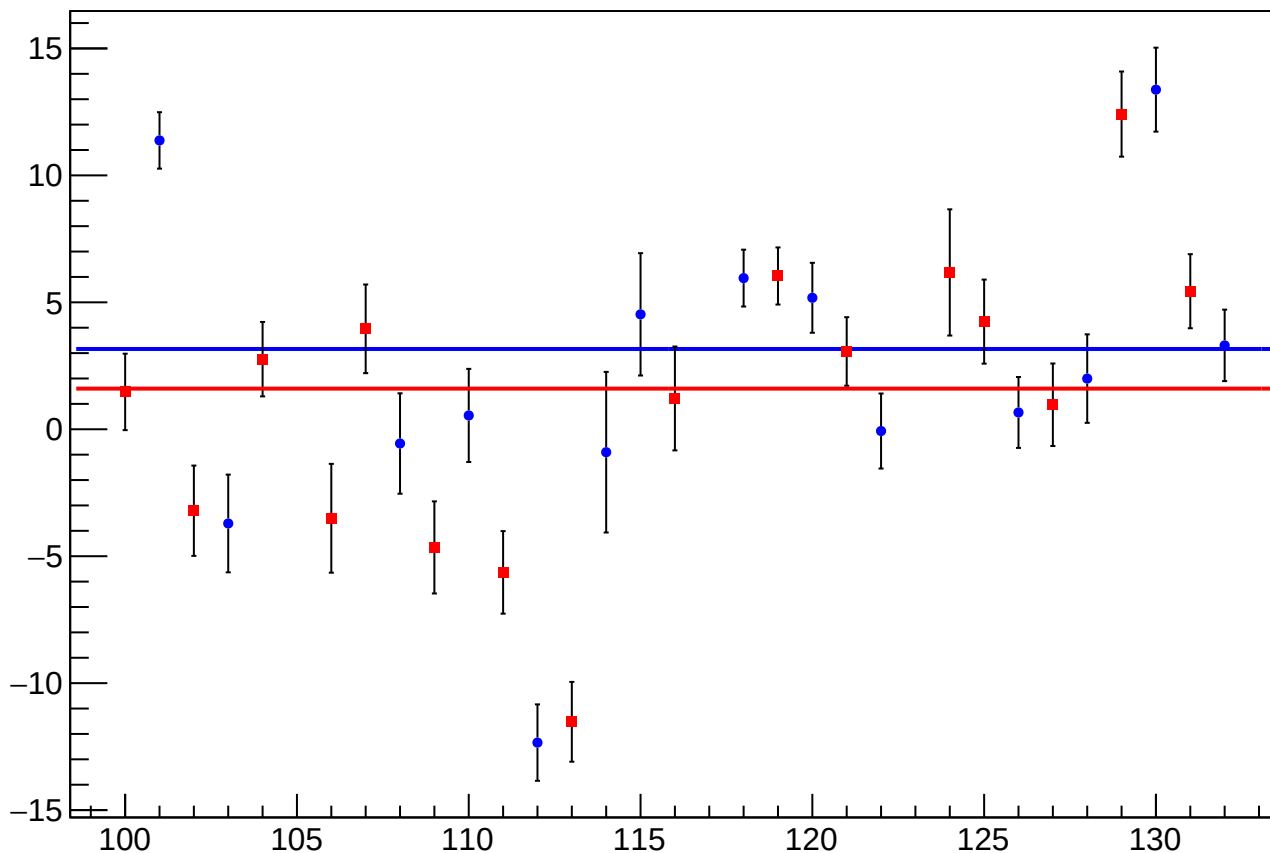
Right: 71.431+/-0.261 χ^2 /NDF: 8250.6/29

In: 74.392+/-0.379 χ^2 /NDF:1745.3/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 71.431+/-0.261 χ^2 /NDF: 8250.6/29

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.163 $\pm$ 0.414 χ^2 /NDF: 236.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.601 $\pm$ 0.403 χ^2 /NDF: 188.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

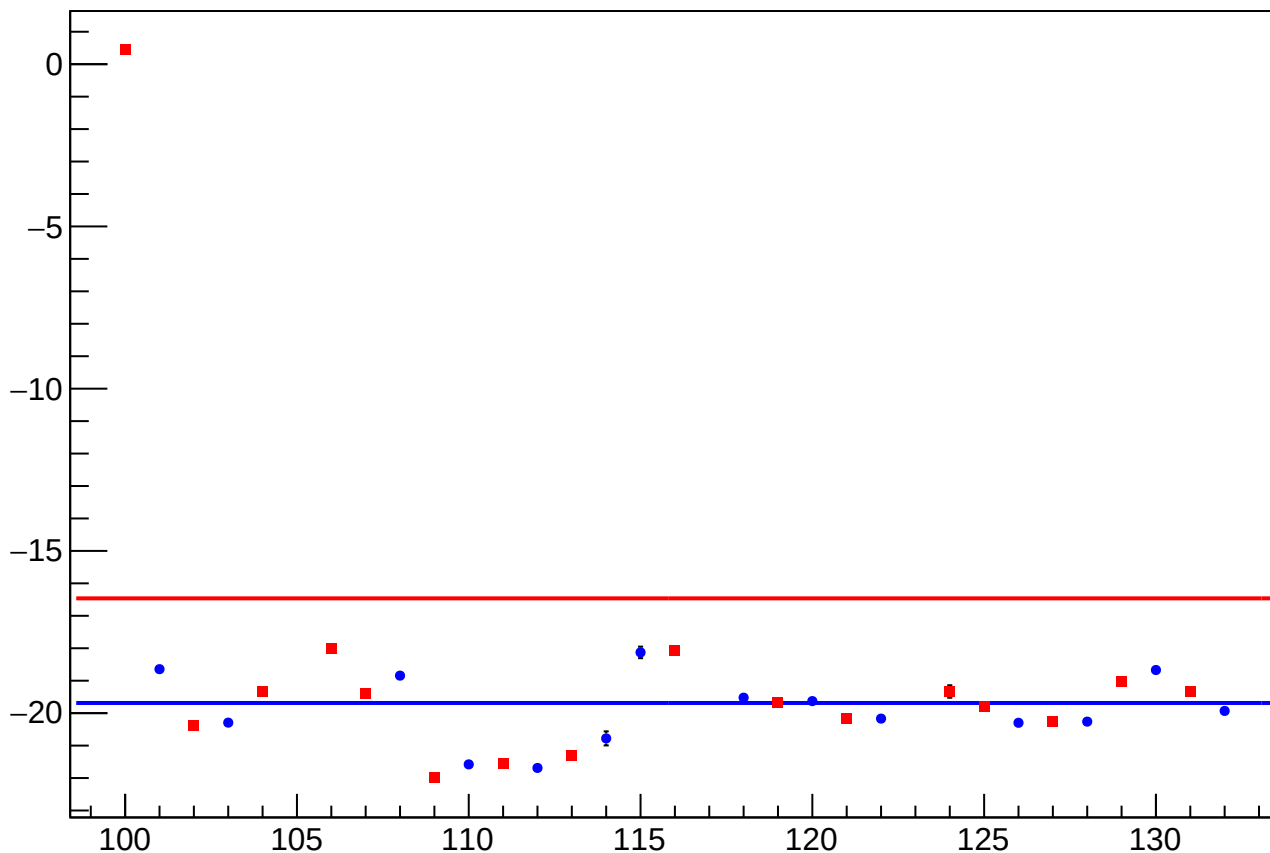
Right: 2.361 $\pm$ 0.289 χ^2 /NDF: 431.6/29

In: 3.163 $\pm$ 0.414 χ^2 /NDF:236.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.361 $\pm$ 0.289 χ^2 /NDF: 431.6/29

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.686 $\pm$ 0.024 χ^2 /NDF: 1619.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -16.462 $\pm$ 0.021 χ^2 /NDF: 127742.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

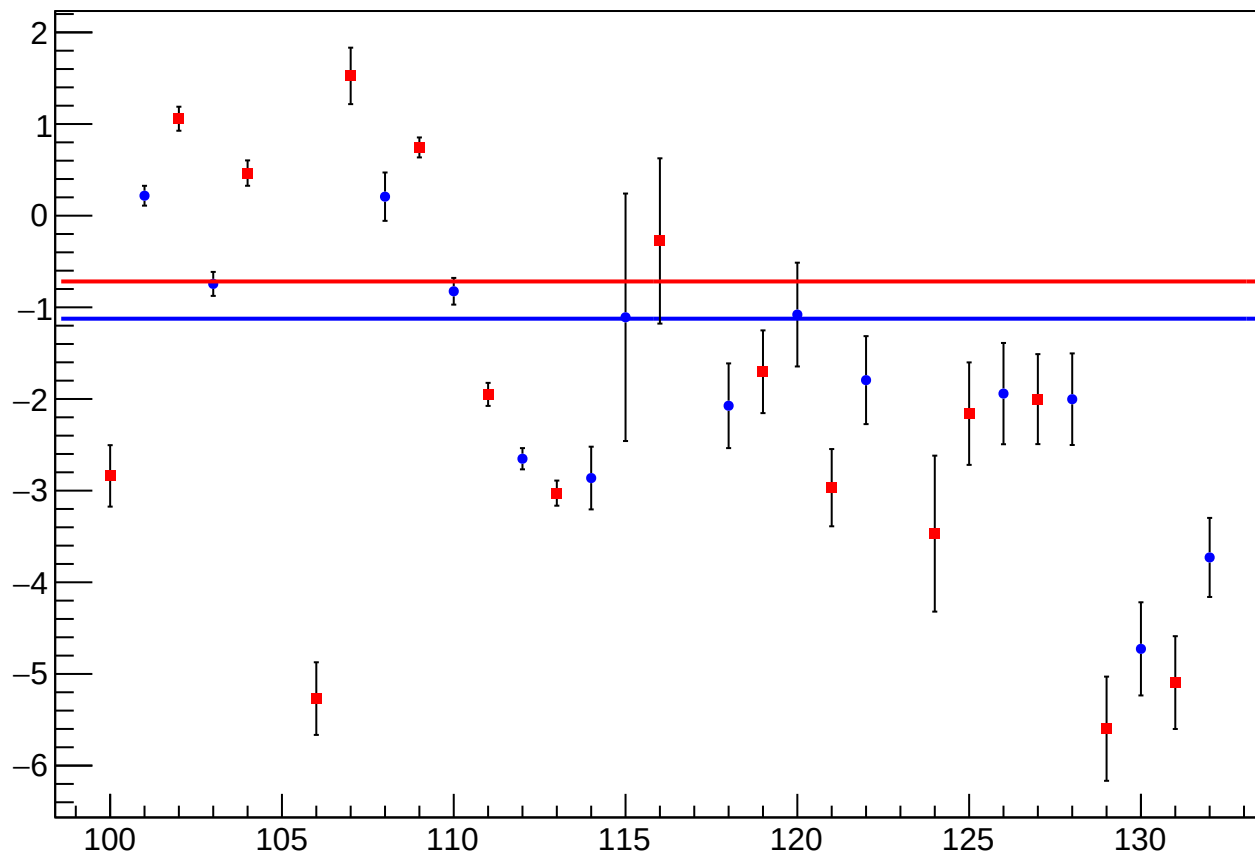
Right: -17.889 $\pm$ 0.016 χ^2 /NDF: 139332.0/29

In: -19.686 $\pm$ 0.024 χ^2 /NDF:1619.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -17.889 $\pm$ 0.016 χ^2 /NDF: 139332.0/29

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.124 ± 0.056 $\chi^2/\text{NDF}: 490.1/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.718 ± 0.052 $\chi^2/\text{NDF}: 1247.4/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

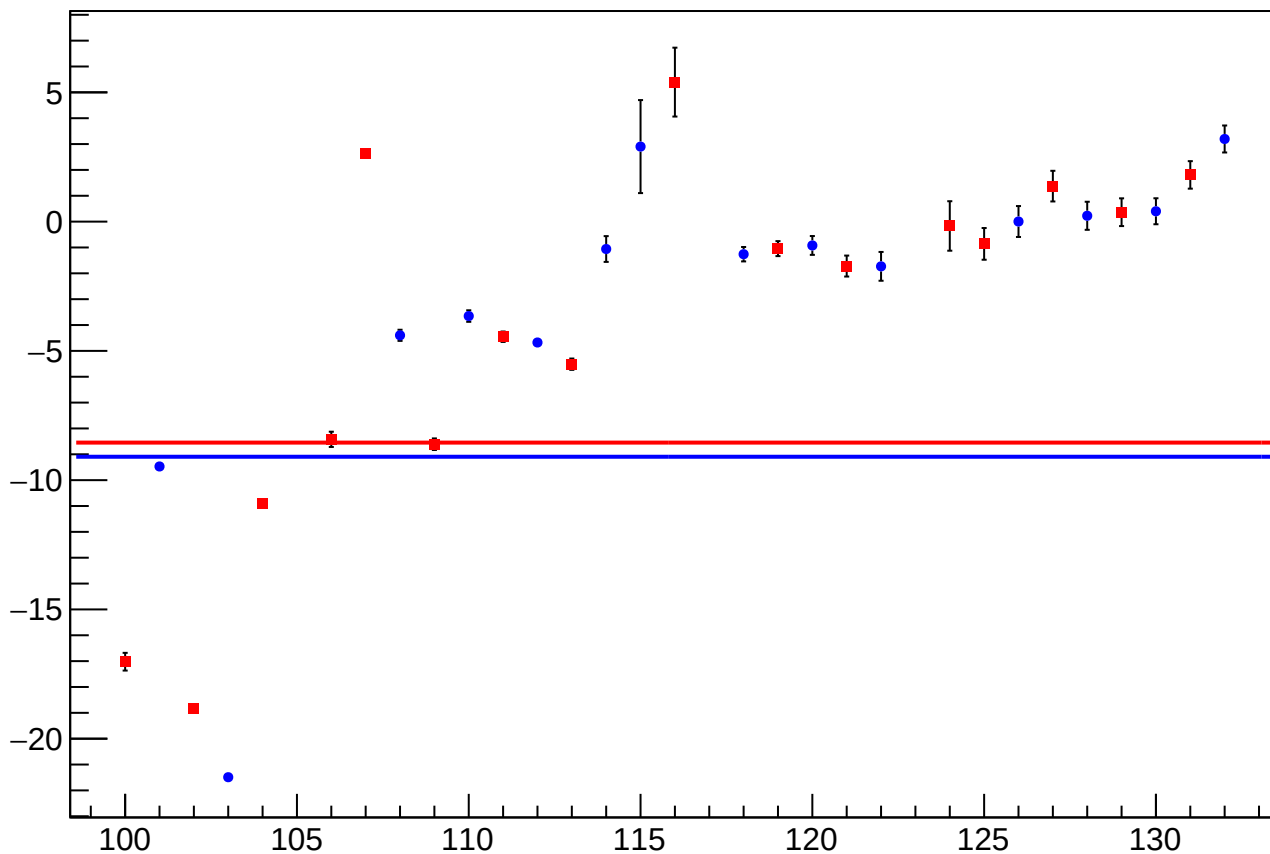
Right: -0.907 ± 0.038 $\chi^2/\text{NDF}: 1765.5/29$

In: -1.124 ± 0.056 $\chi^2/\text{NDF}: 490.1/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.907 ± 0.038 $\chi^2/\text{NDF}: 1765.5/29$

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -9.095 ± 0.059 χ^2/NDF : 12809.1/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.547 ± 0.060 χ^2/NDF : 13620.8/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

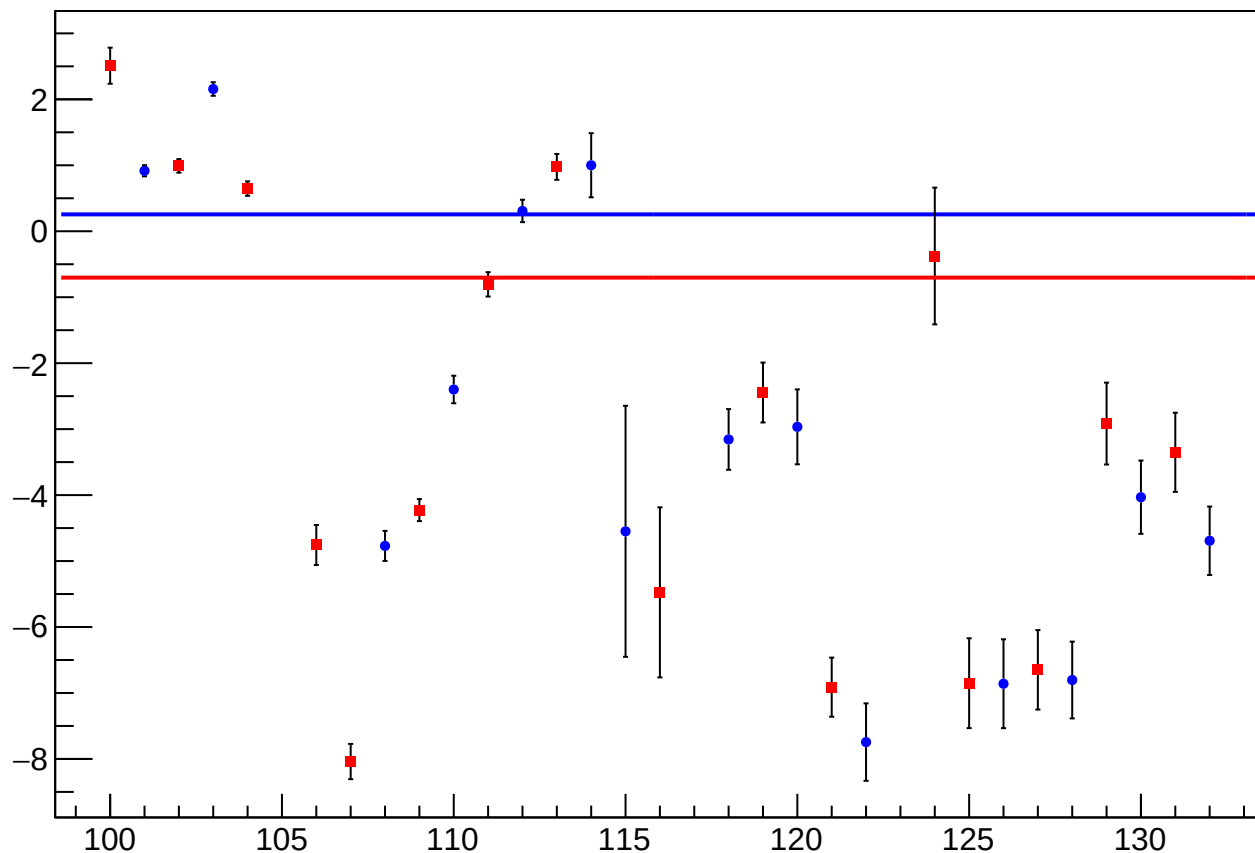
Right: -8.827 ± 0.042 χ^2/NDF : 26472.3/29

In: -9.095 ± 0.059 χ^2/NDF : 12809.1/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.827 ± 0.042 χ^2/NDF : 26472.3/29

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.256+/-0.054 χ^2/NDF : 1743.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.703+/-0.055 χ^2/NDF : 2443.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

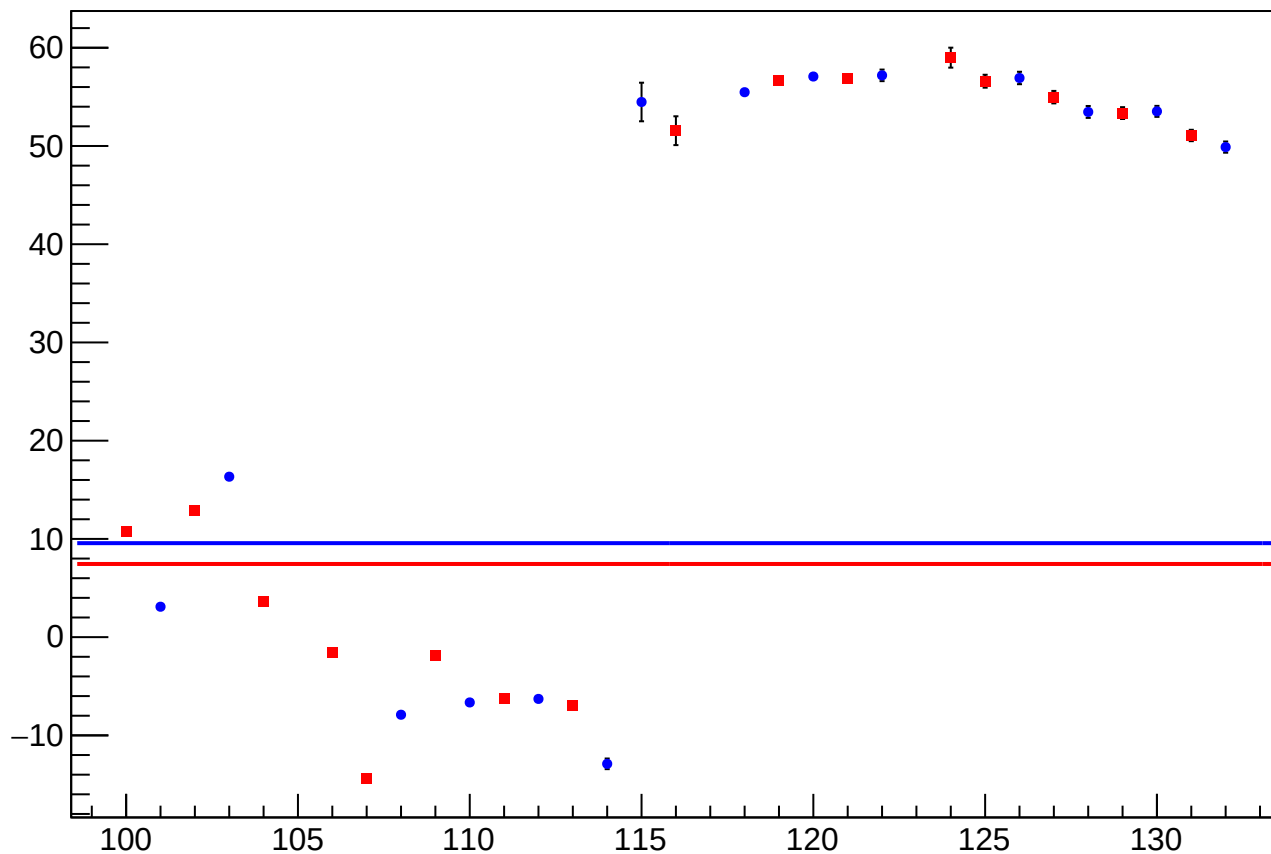
Right: -0.217+/-0.039 χ^2/NDF : 4340.0/29

In: 0.256+/-0.054 χ^2/NDF : 1743.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.217+/-0.039 χ^2/NDF : 4340.0/29

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.568+/-0.071 χ^2/NDF : 76116.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 7.448+/-0.071 χ^2/NDF : 77117.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

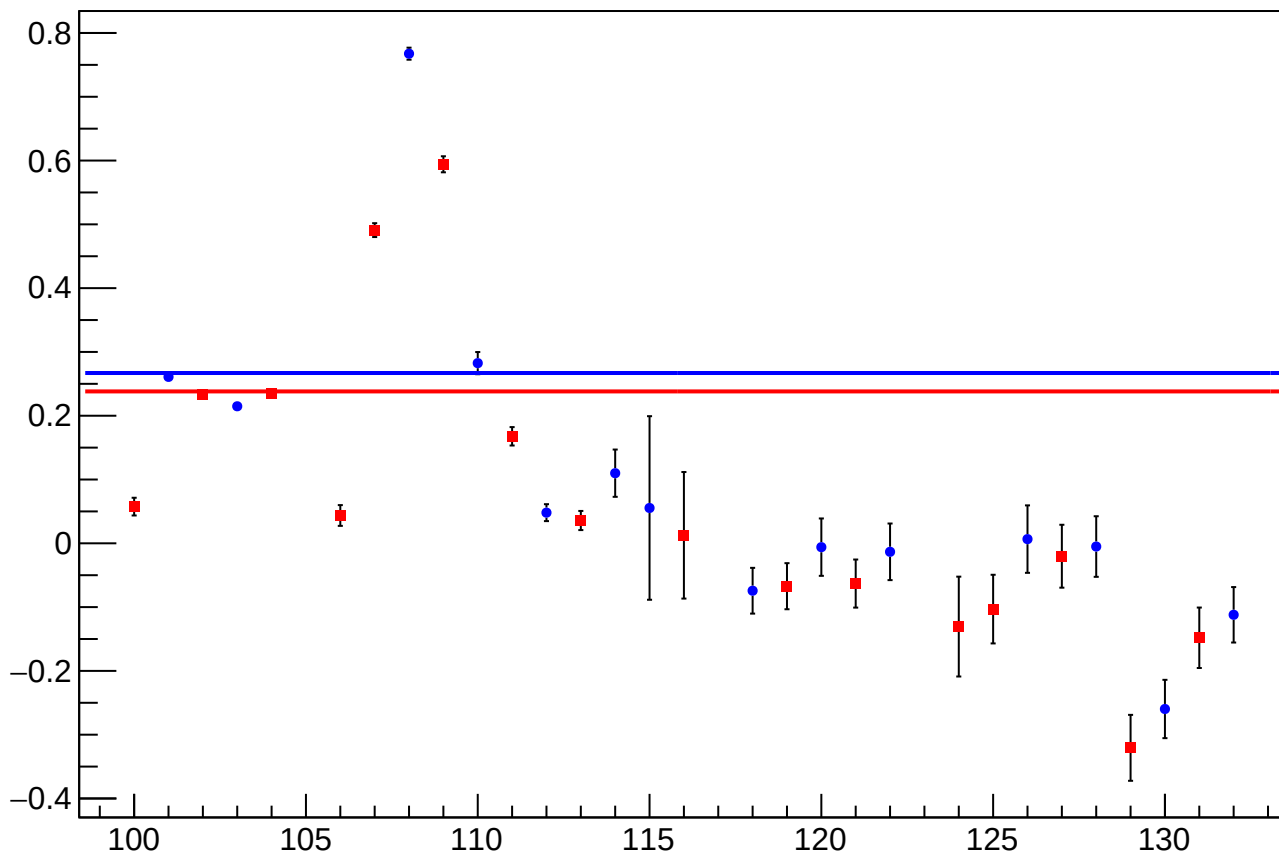
Right: 8.515+/-0.050 χ^2/NDF : 153679.6/29

In: 9.568+/-0.071 χ^2/NDF :76116.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 8.515+/-0.050 χ^2/NDF : 153679.6/29

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.267+/-0.003 χ^2/NDF : 3694.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.238+/-0.003 χ^2/NDF : 2276.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

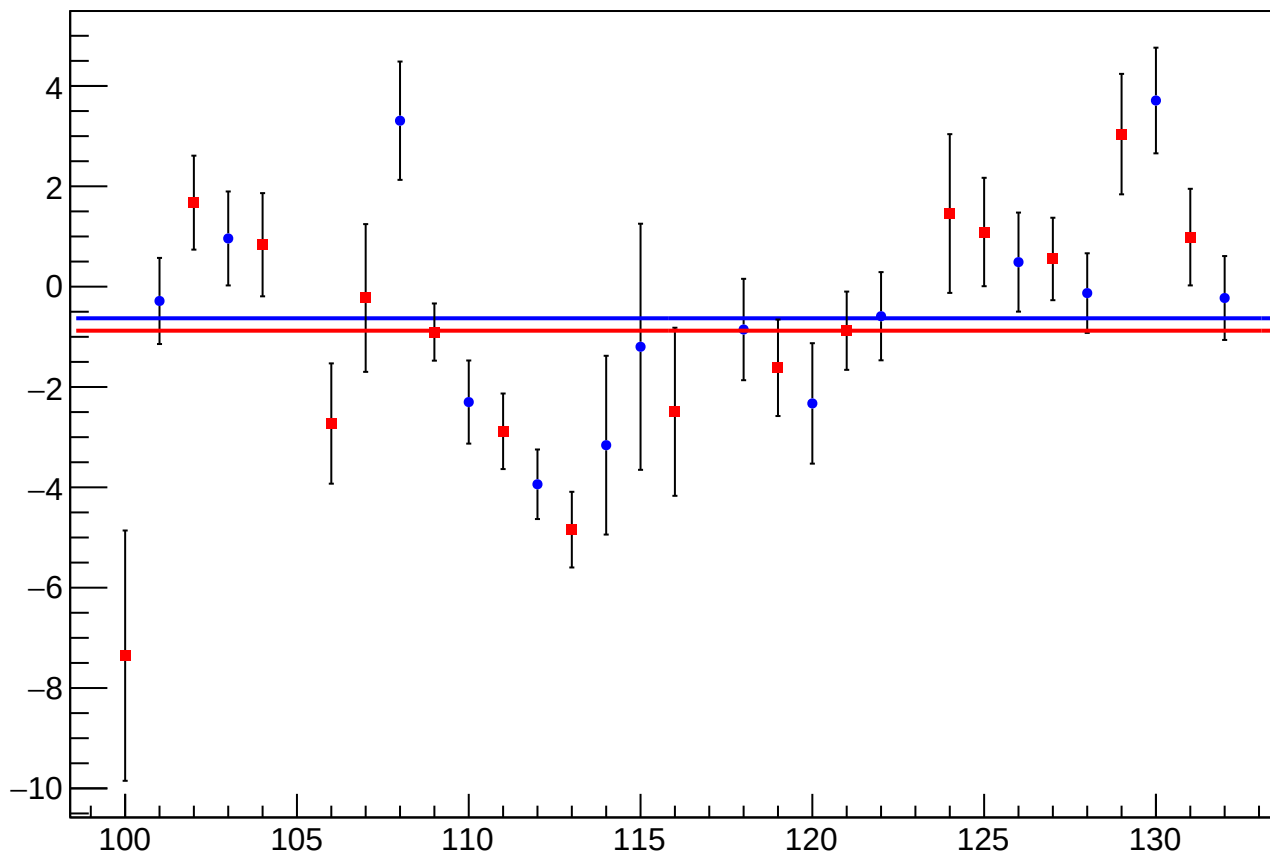
Right: 0.252+/-0.002 χ^2/NDF : 6021.9/29

In: 0.267+/-0.003 χ^2/NDF :3694.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.252+/-0.002 χ^2/NDF : 6021.9/29

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.630 $\pm$ 0.257 χ^2 /NDF: 64.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.878 $\pm$ 0.238 χ^2 /NDF: 78.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

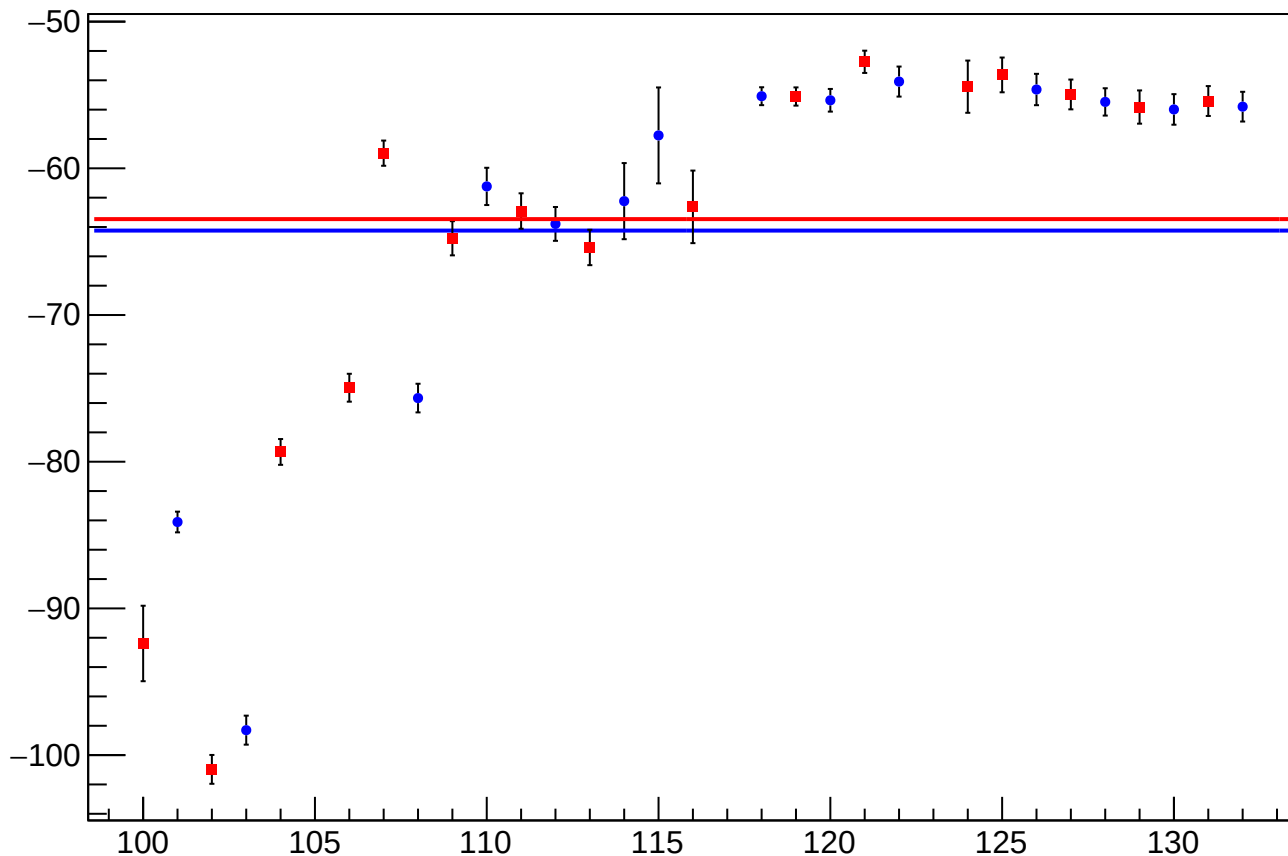
Right: -0.763 $\pm$ 0.175 χ^2 /NDF: 143.3/29

In: -0.630 $\pm$ 0.257 χ^2 /NDF:64.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.763 $\pm$ 0.175 χ^2 /NDF: 143.3/29

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -64.244+/-0.259 χ^2/NDF : 2883.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -63.462+/-0.256 χ^2/NDF : 2739.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

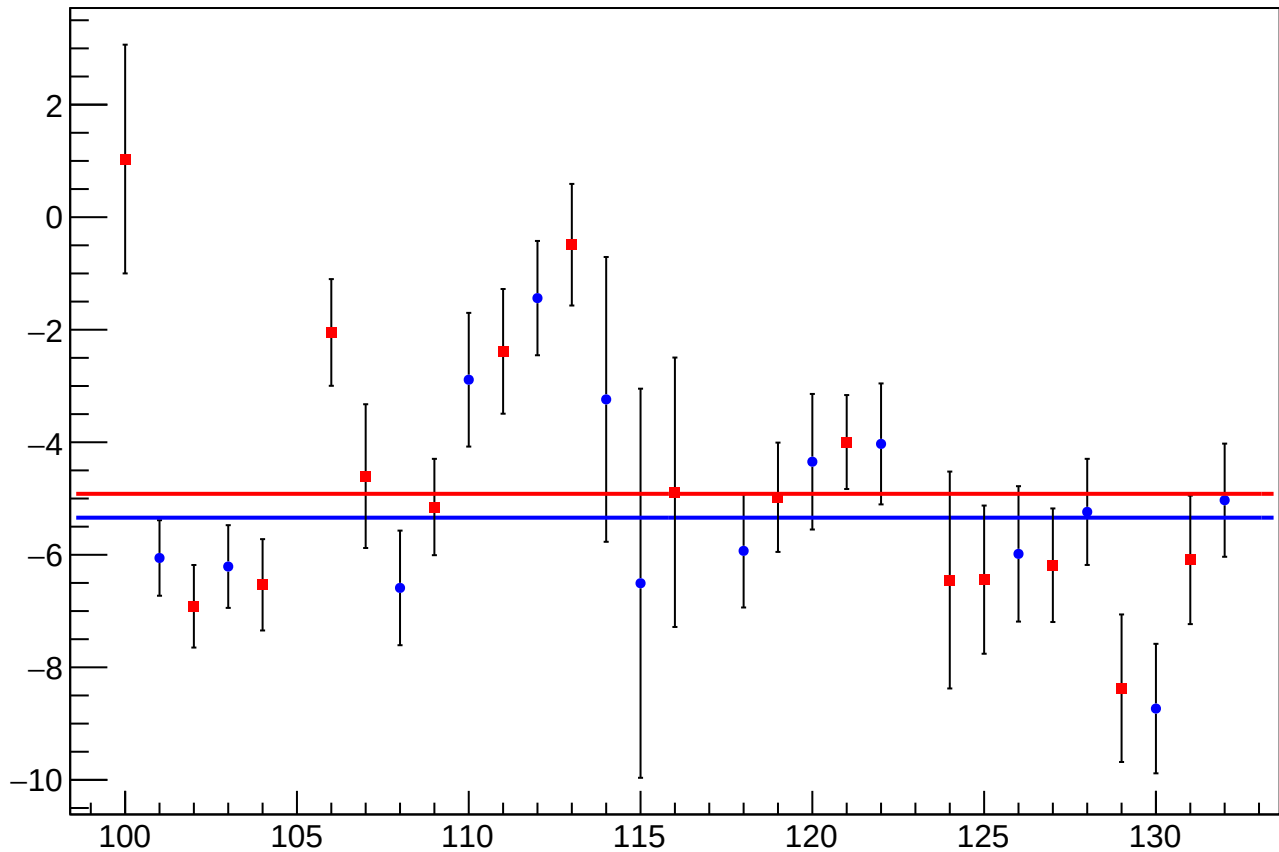
Right: -63.848+/-0.182 χ^2/NDF : 5626.7/29

In: -64.244+/-0.259 χ^2/NDF : 2883.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -63.848+/-0.182 χ^2/NDF : 5626.7/29

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.340 ± 0.277 χ^2/NDF : 35.5/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.916 ± 0.265 χ^2/NDF : 64.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

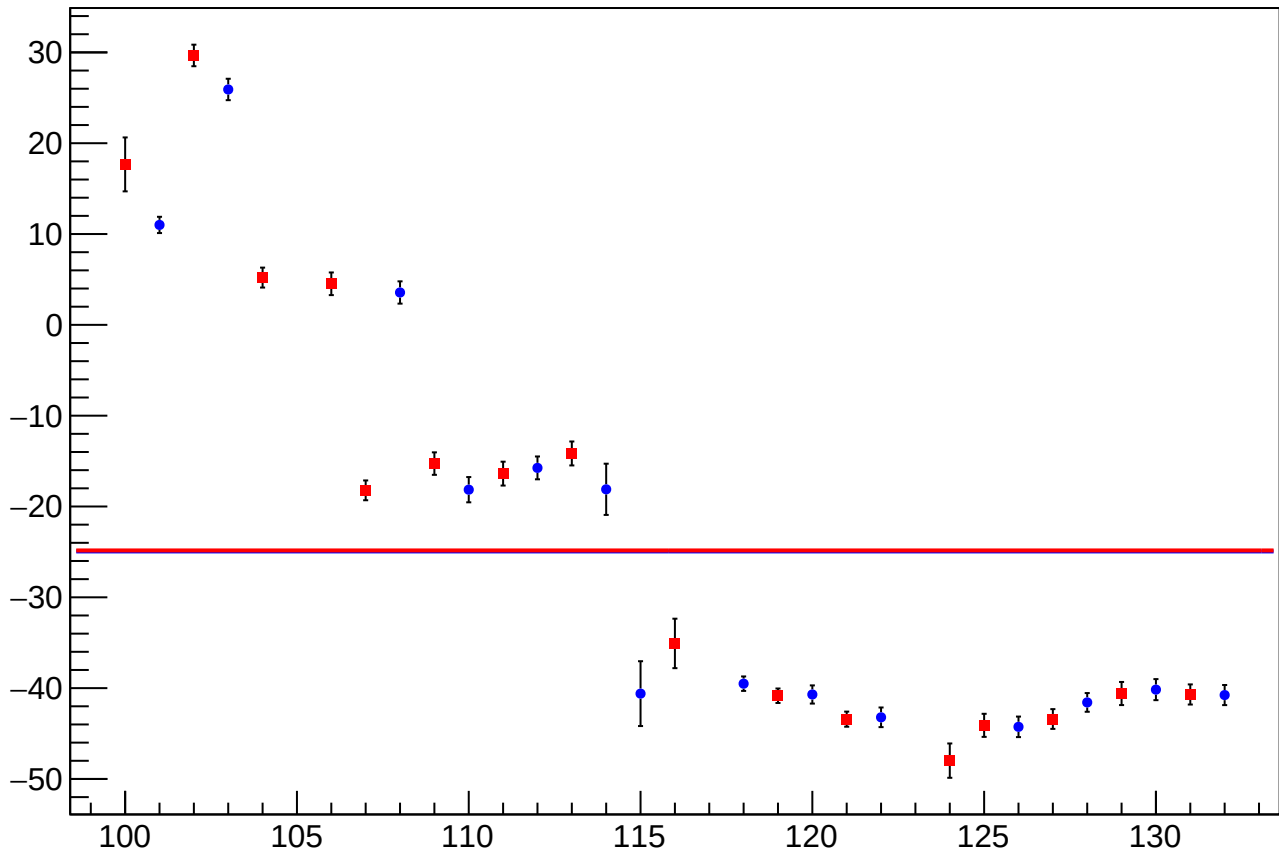
Right: -5.119 ± 0.191 χ^2/NDF : 100.7/29

In: -5.340 ± 0.277 χ^2/NDF : 35.5/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.119 ± 0.191 χ^2/NDF : 100.7/29

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -24.948 ± 0.306 $\chi^2/\text{NDF}: 5912.7/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -24.839 ± 0.298 $\chi^2/\text{NDF}: 5768.0/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

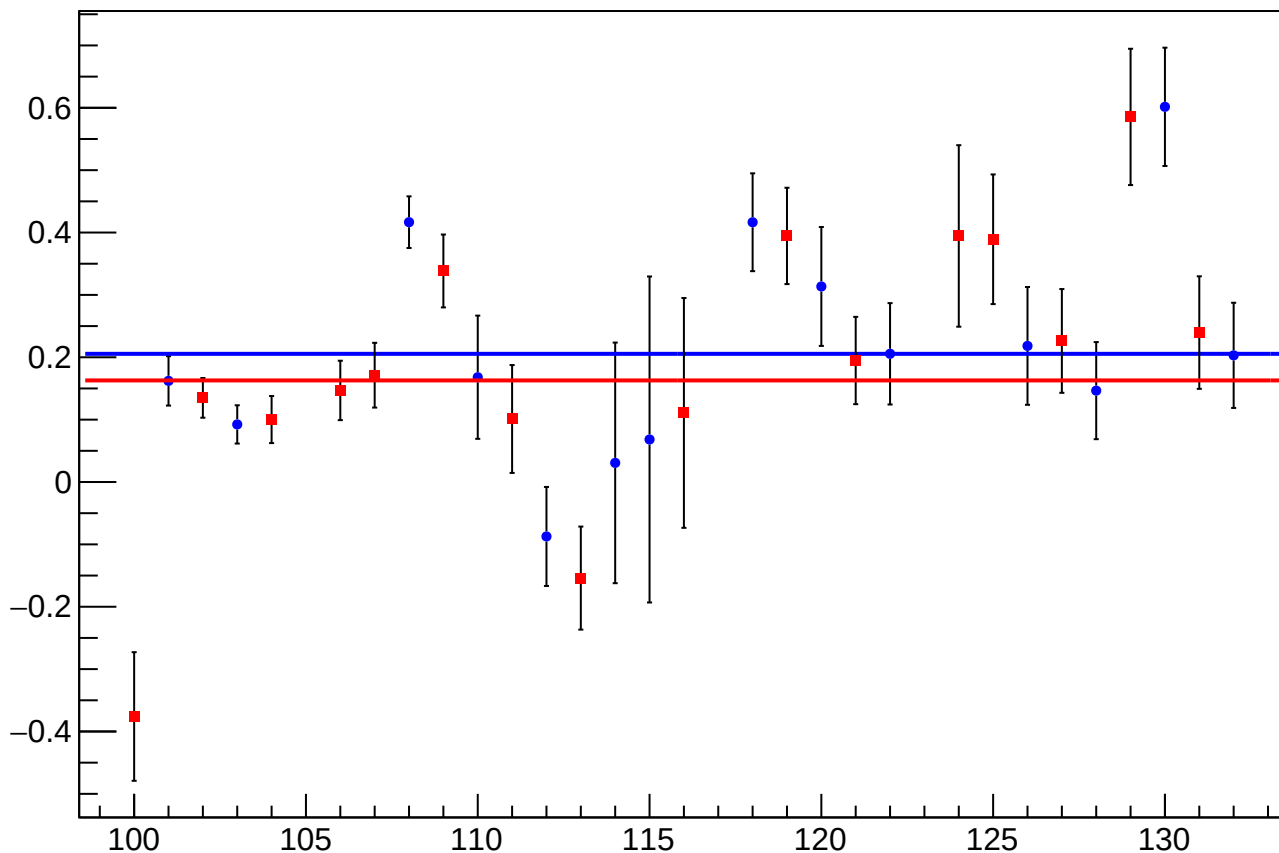
Right: -24.892 ± 0.213 $\chi^2/\text{NDF}: 11680.8/29$

In: -24.948 ± 0.306 $\chi^2/\text{NDF}: 5912.7/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -24.892 ± 0.213 $\chi^2/\text{NDF}: 11680.8/29$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.206 $\pm$ 0.017 χ^2 /NDF: 82.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.163 $\pm$ 0.016 χ^2 /NDF: 88.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

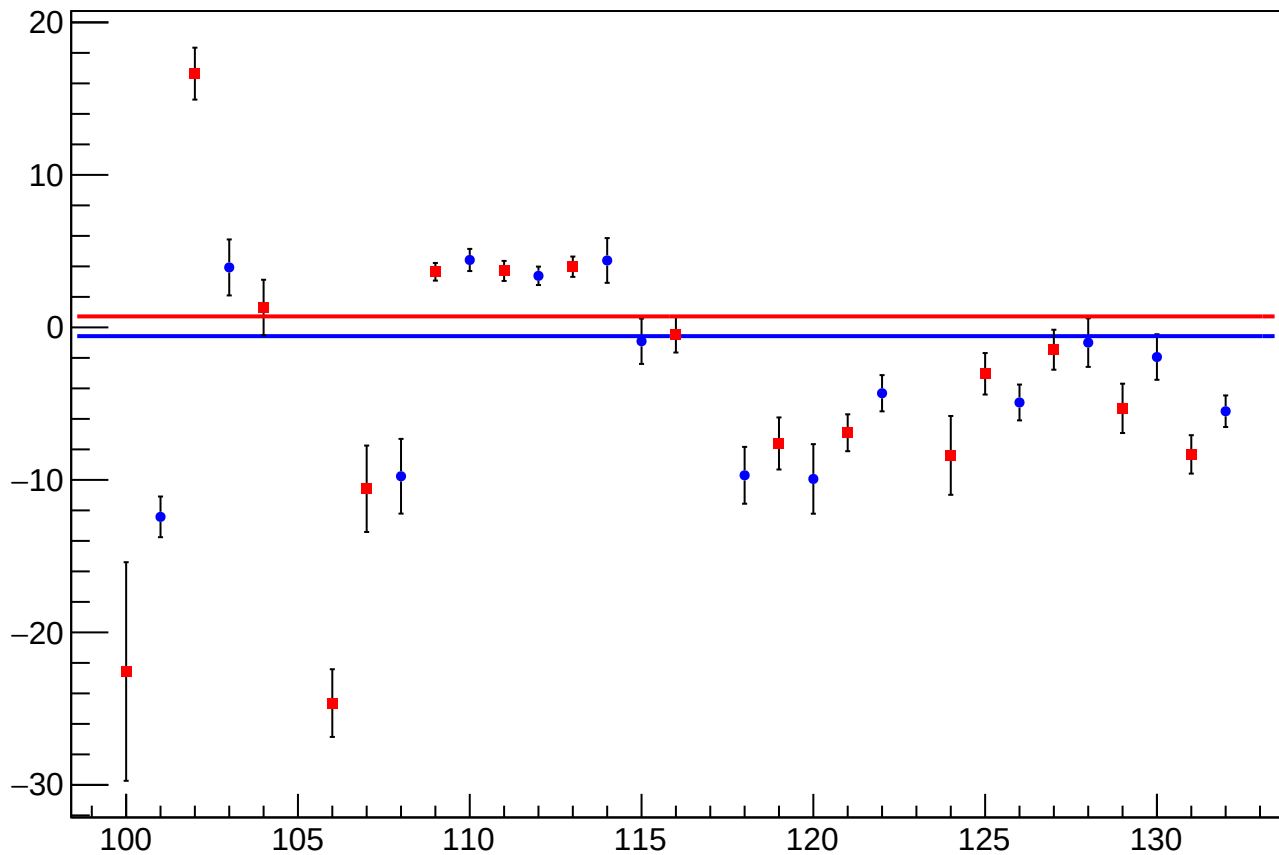
Right: 0.183 $\pm$ 0.011 χ^2 /NDF: 173.7/29

In: 0.206 $\pm$ 0.017 χ^2 /NDF:82.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.183 $\pm$ 0.011 χ^2 /NDF: 173.7/29

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.574+/-0.312 χ^2/NDF : 288.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.720+/-0.282 χ^2/NDF : 467.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

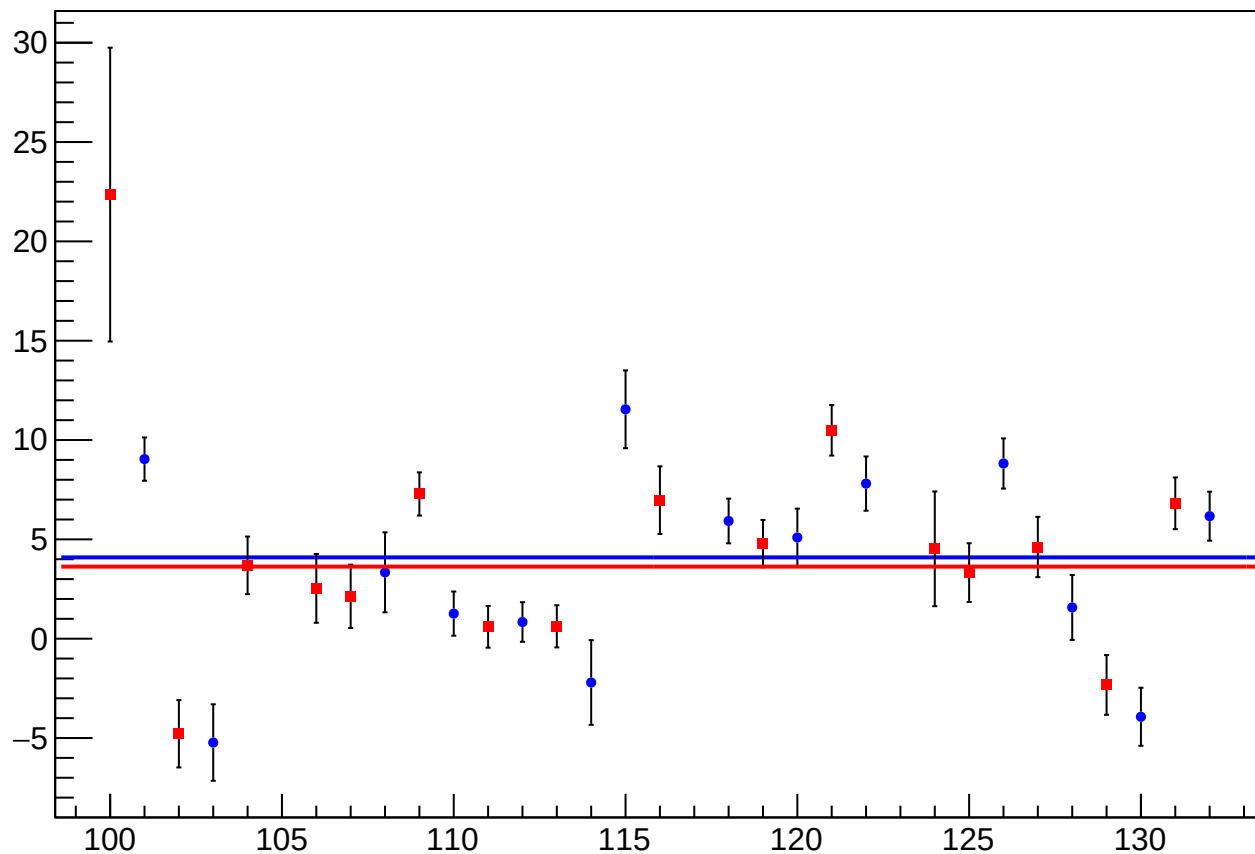
Right: 0.139+/-0.209 χ^2/NDF : 765.9/29

In: -0.574+/-0.312 χ^2/NDF :288.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.139+/-0.209 χ^2/NDF : 765.9/29

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.093+/-0.363 χ^2/NDF : 144.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.629+/-0.355 χ^2/NDF : 116.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

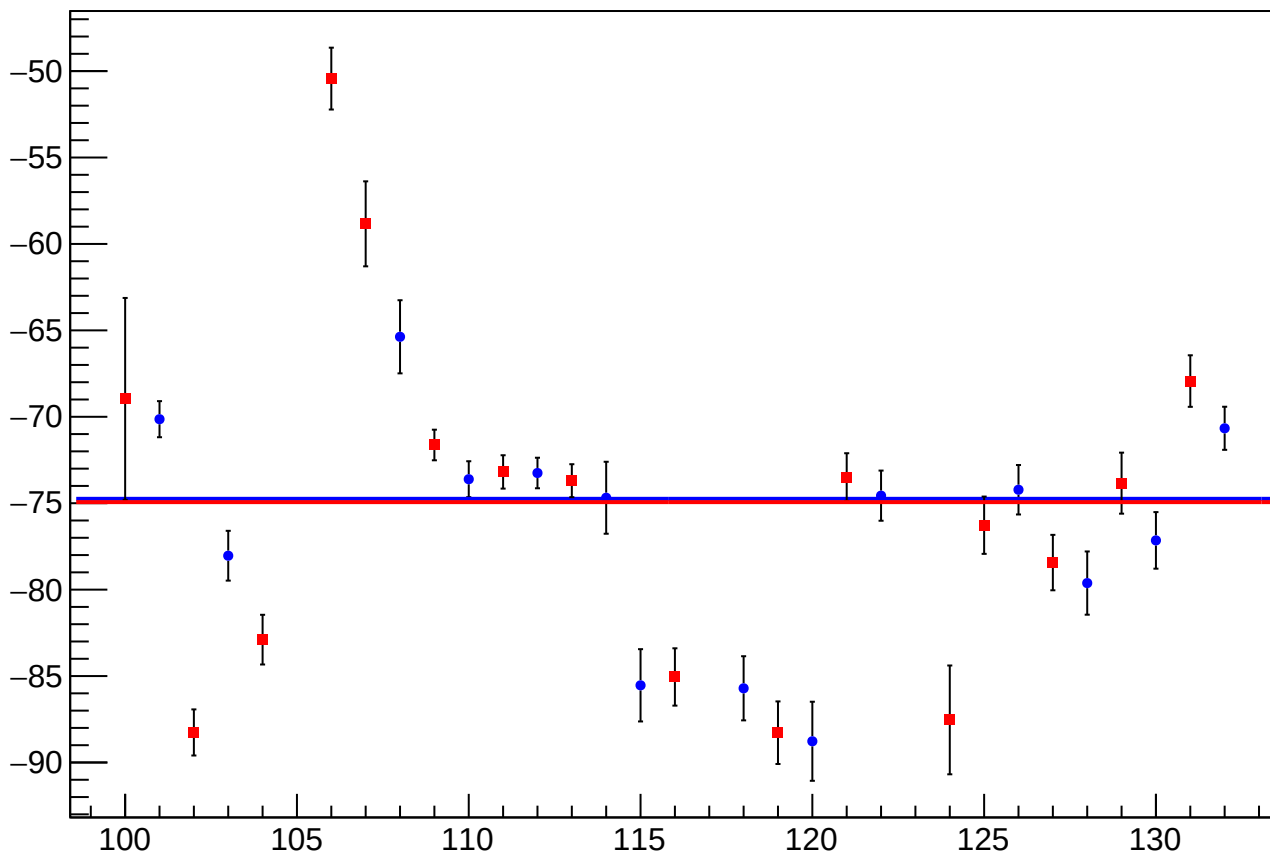
Right: 3.856+/-0.254 χ^2/NDF : 261.4/29

In: 4.093+/-0.363 χ^2/NDF : 144.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.856+/-0.254 χ^2/NDF : 261.4/29

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -74.746 $\pm$ 0.377 χ^2 /NDF: 167.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -74.937 $\pm$ 0.358 χ^2 /NDF: 517.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

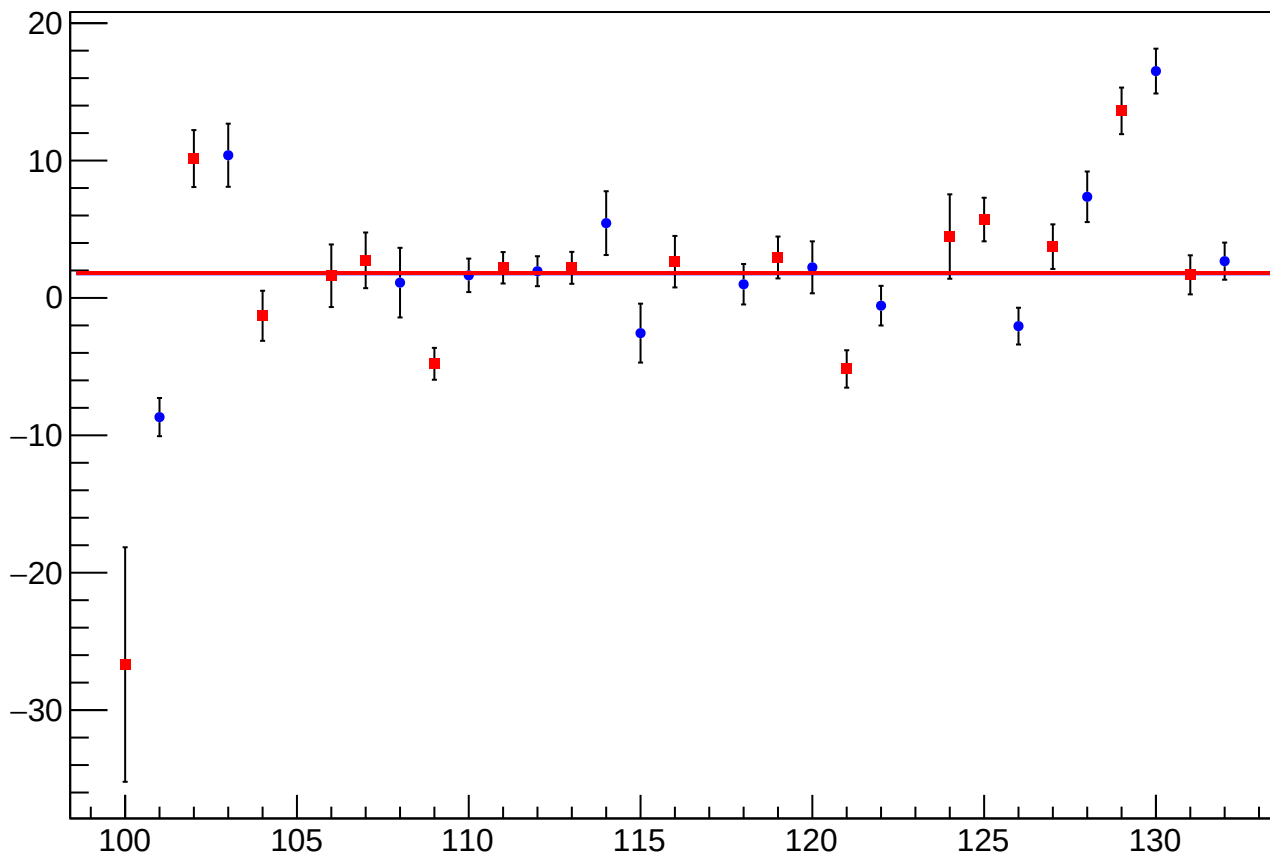
Right: -74.846 $\pm$ 0.259 χ^2 /NDF: 685.1/29

In: -74.746 $\pm$ 0.377 χ^2 /NDF:167.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -74.846 $\pm$ 0.259 χ^2 /NDF: 685.1/29

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.794+/-0.416 χ^2/NDF : 179.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.815+/-0.401 χ^2/NDF : 146.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

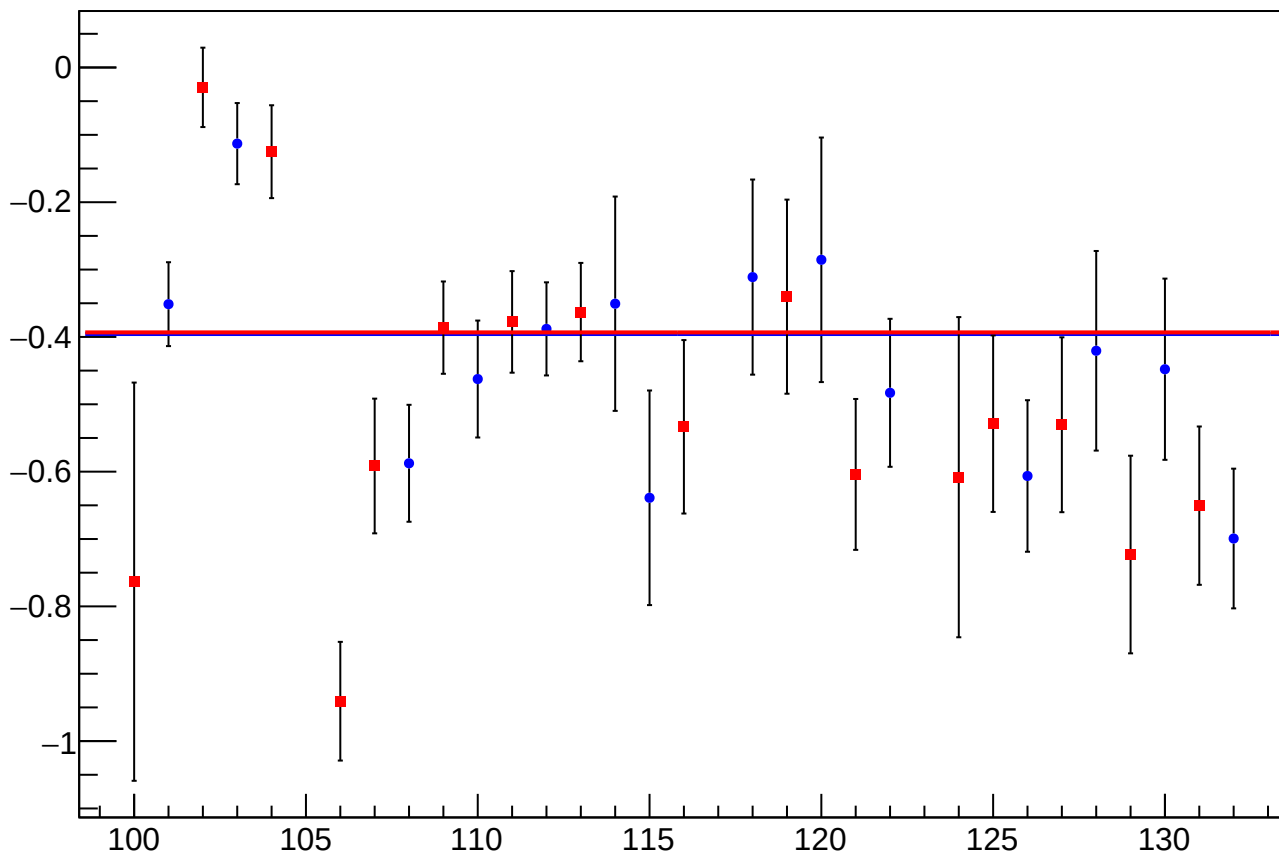
Right: 1.805+/-0.289 χ^2/NDF : 326.4/29

In: 1.794+/-0.416 χ^2/NDF : 179.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.805+/-0.289 χ^2/NDF : 326.4/29

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.396 ± 0.026 χ^2/NDF : 44.0/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.393 ± 0.024 χ^2/NDF : 115.3/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

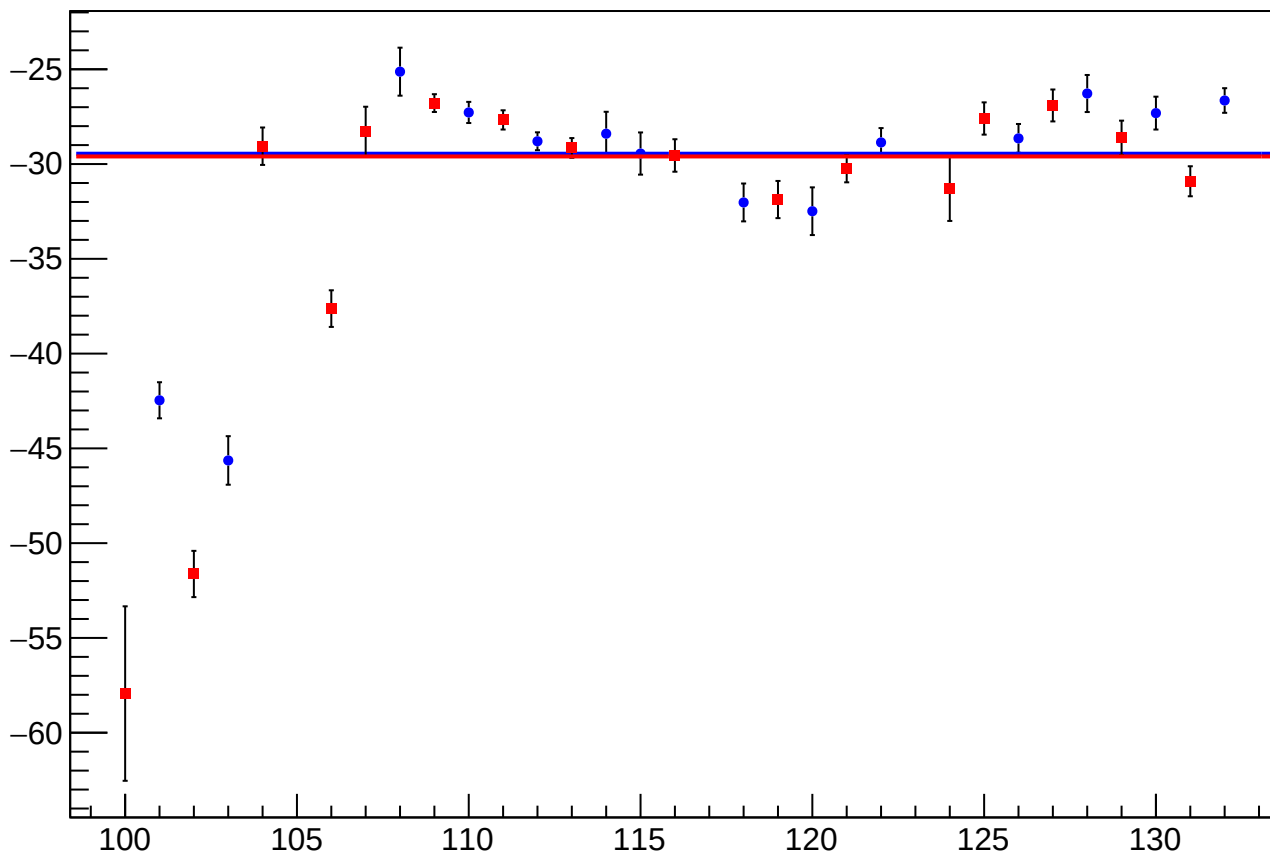
Right: -0.394 ± 0.017 χ^2/NDF : 159.3/29

In: -0.396 ± 0.026 χ^2/NDF : 44.0/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.394 ± 0.017 χ^2/NDF : 159.3/29

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -29.455+/-0.216 χ^2/NDF : 425.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.599+/-0.197 χ^2/NDF : 512.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

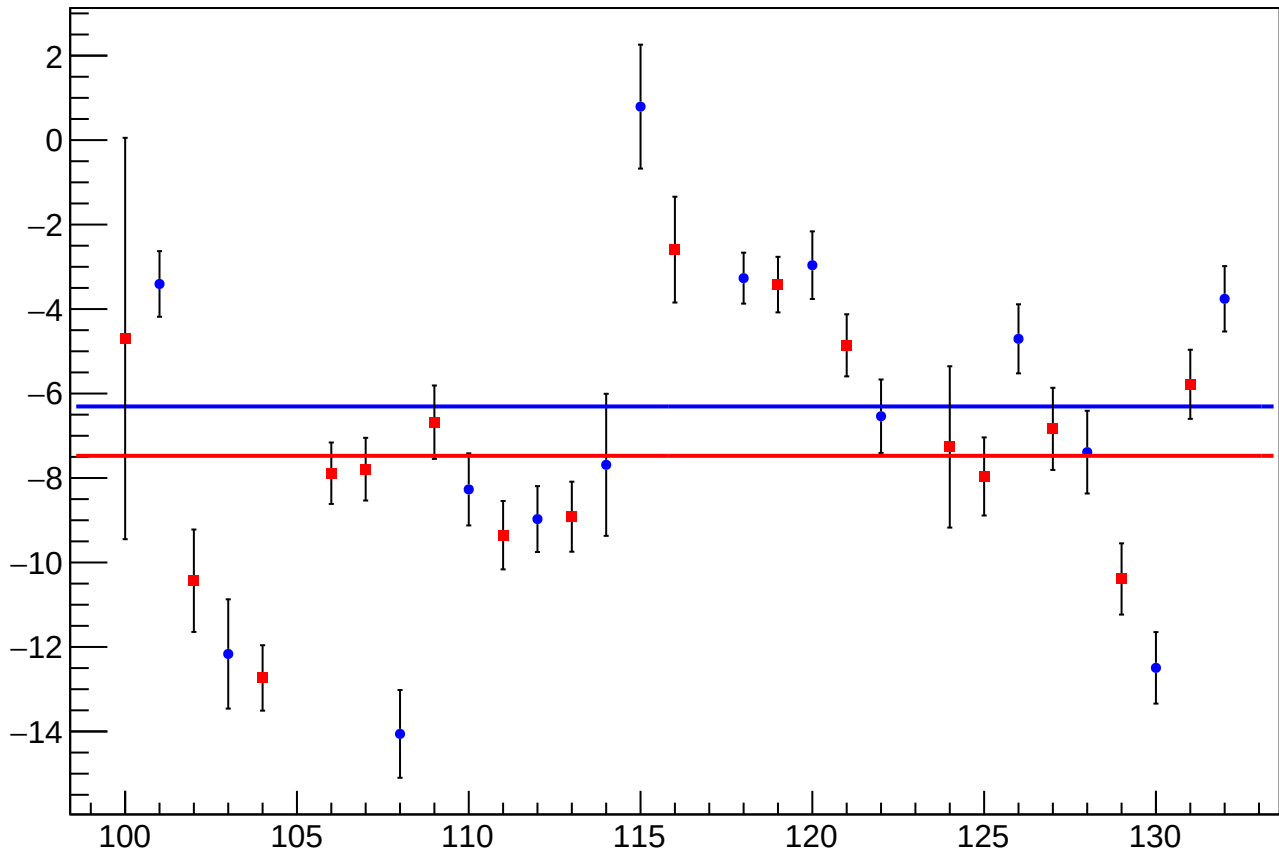
Right: -29.534+/-0.145 χ^2/NDF : 937.8/29

In: -29.455+/-0.216 χ^2/NDF : 425.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.534+/-0.145 χ^2/NDF : 937.8/29

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.306 $\pm$ 0.234 χ^2 /NDF: 243.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -7.475 $\pm$ 0.220 χ^2 /NDF: 144.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

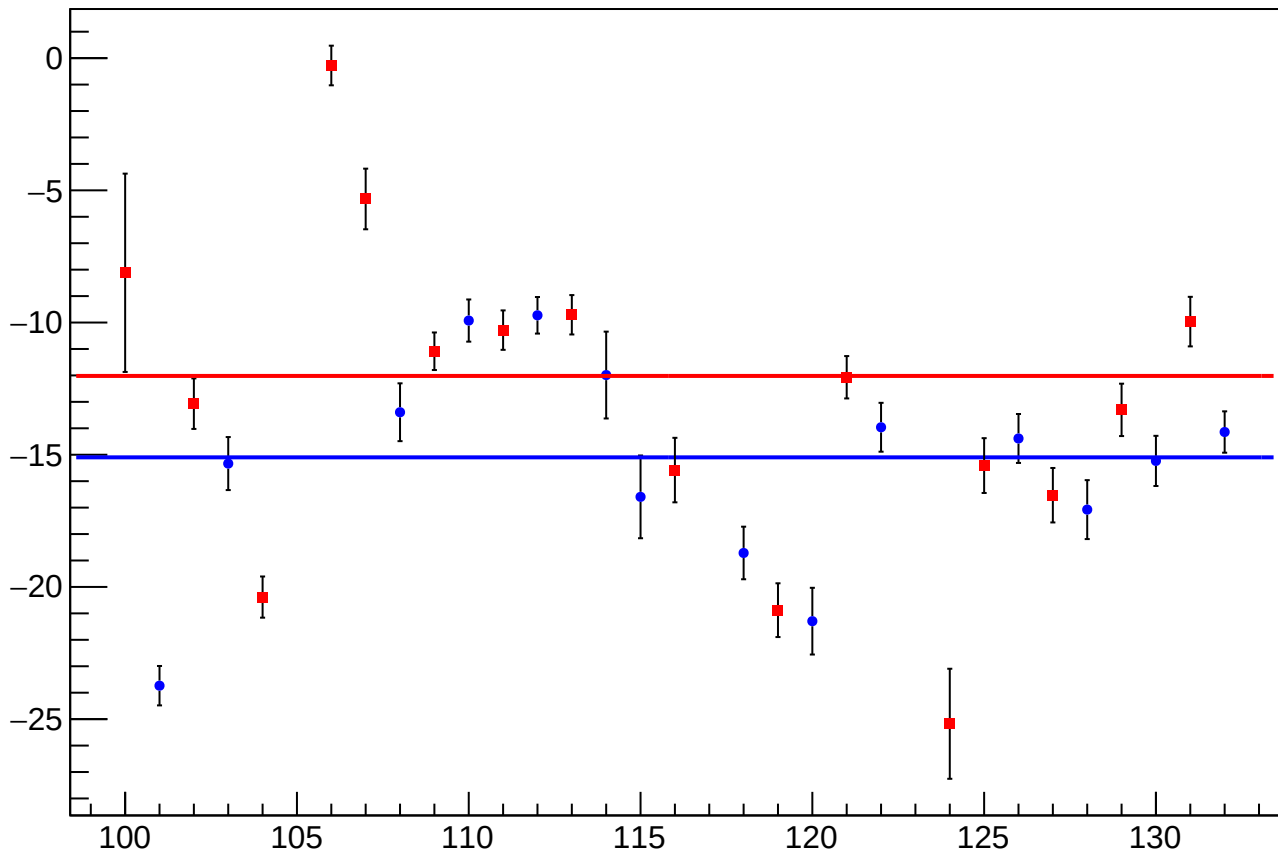
Right: -6.926 $\pm$ 0.160 χ^2 /NDF: 401.5/29

In: -6.306 $\pm$ 0.234 χ^2 /NDF:243.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -6.926 $\pm$ 0.160 χ^2 /NDF: 401.5/29

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -15.099 $\pm$ 0.253 χ^2 /NDF: 287.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -12.019 $\pm$ 0.233 χ^2 /NDF: 574.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

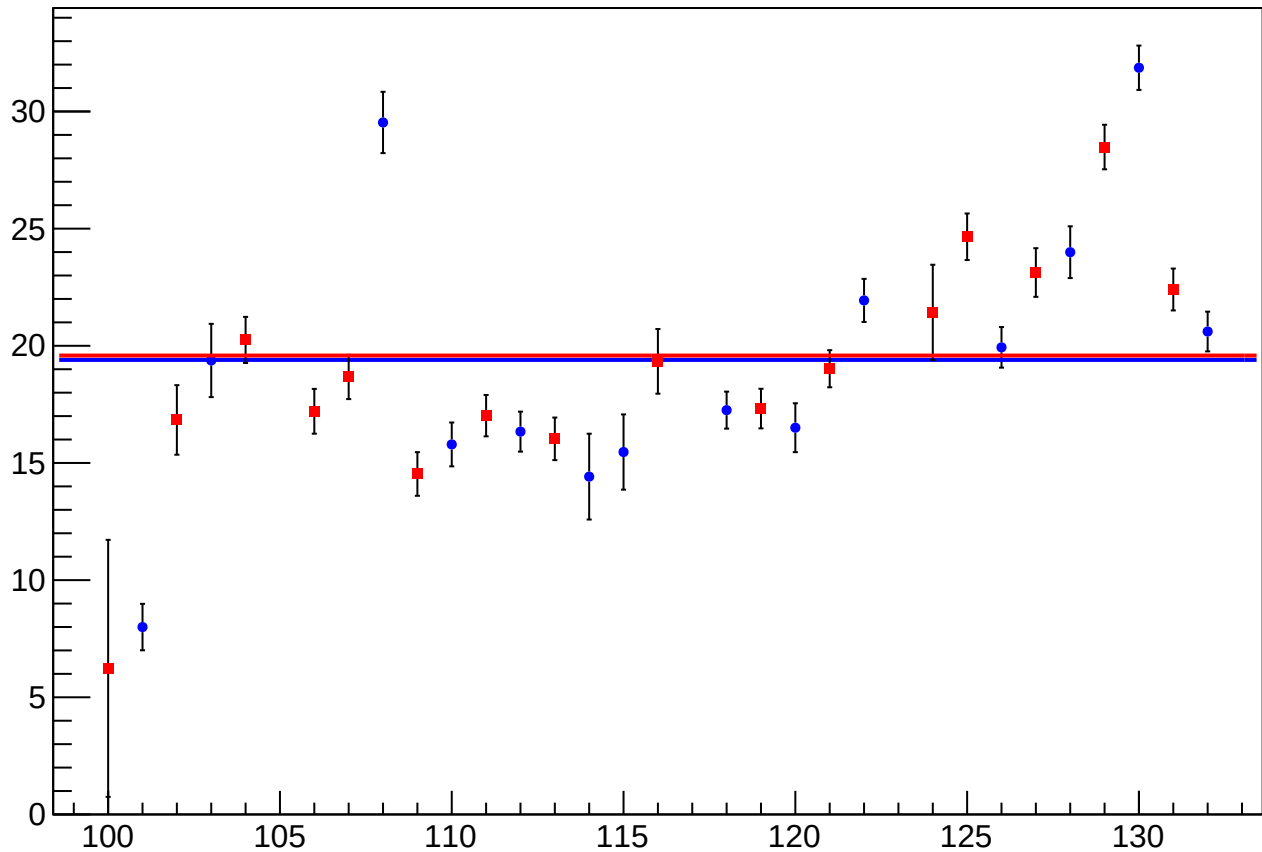
Right: -13.432 $\pm$ 0.171 χ^2 /NDF: 942.5/29

In: -15.099 $\pm$ 0.253 χ^2 /NDF:287.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -13.432 $\pm$ 0.171 χ^2 /NDF: 942.5/29

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 19.397+/-0.271 χ^2 /NDF: 449.7/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 19.584+/-0.254 χ^2 /NDF: 214.0/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

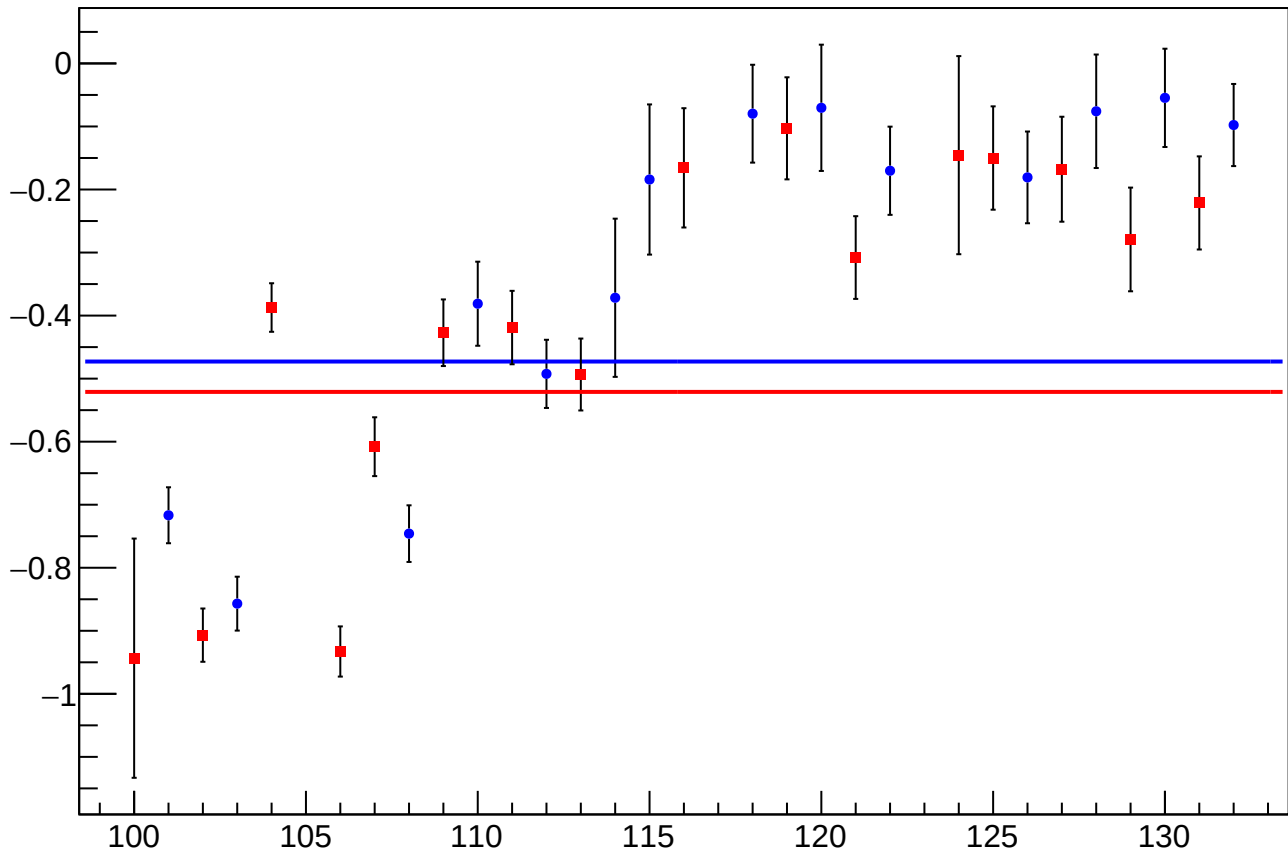
Right: 19.497+/-0.186 χ^2 /NDF: 663.9/29

In: 19.397+/-0.271 χ^2 /NDF:449.7/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 19.497+/-0.186 χ^2 /NDF: 663.9/29

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.473+/-0.017 χ^2/NDF : 314.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.521+/-0.015 χ^2/NDF : 338.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

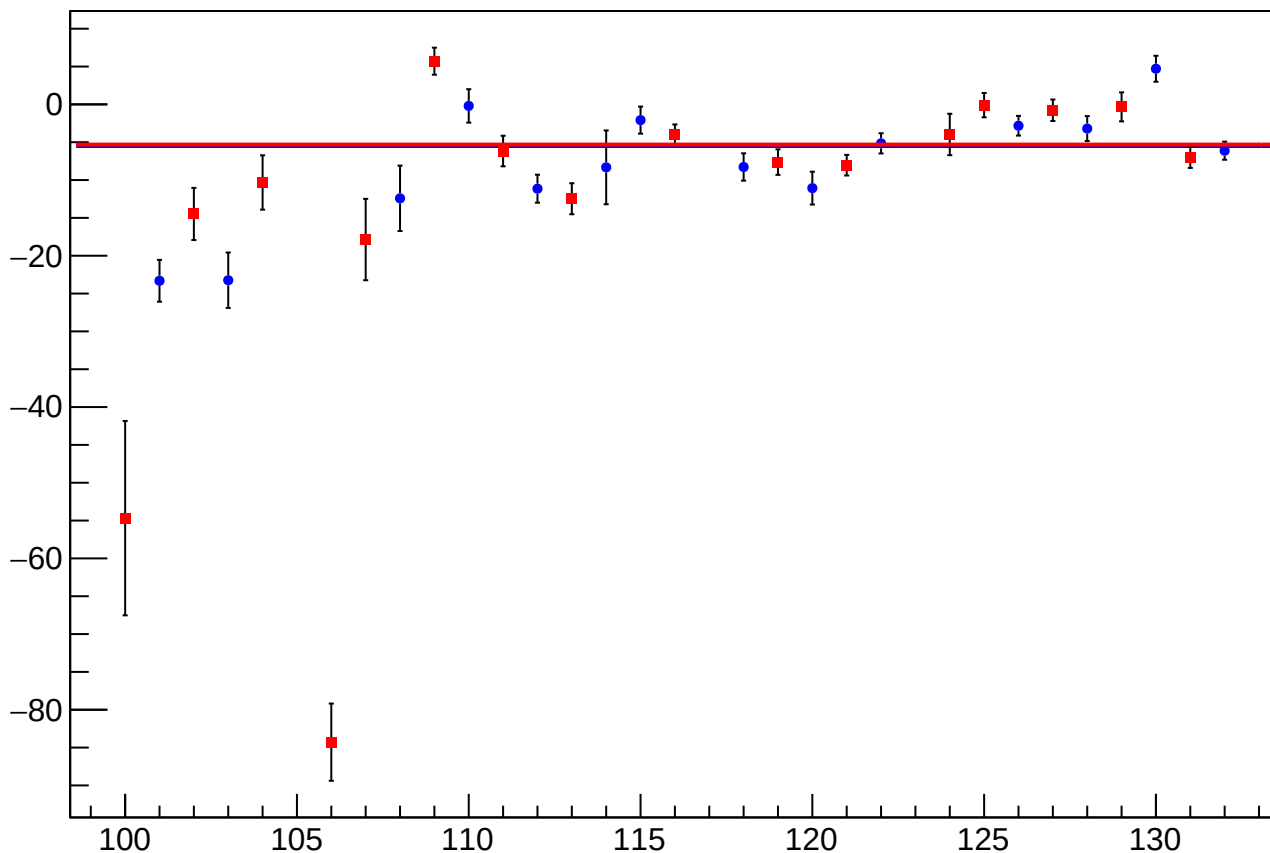
Right: -0.500+/-0.011 χ^2/NDF : 657.0/29

In: -0.473+/-0.017 χ^2/NDF :314.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.500+/-0.011 χ^2/NDF : 657.0/29

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.500+/-0.488 χ^2 /NDF: 137.6/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -5.314+/-0.485 χ^2 /NDF: 354.9/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

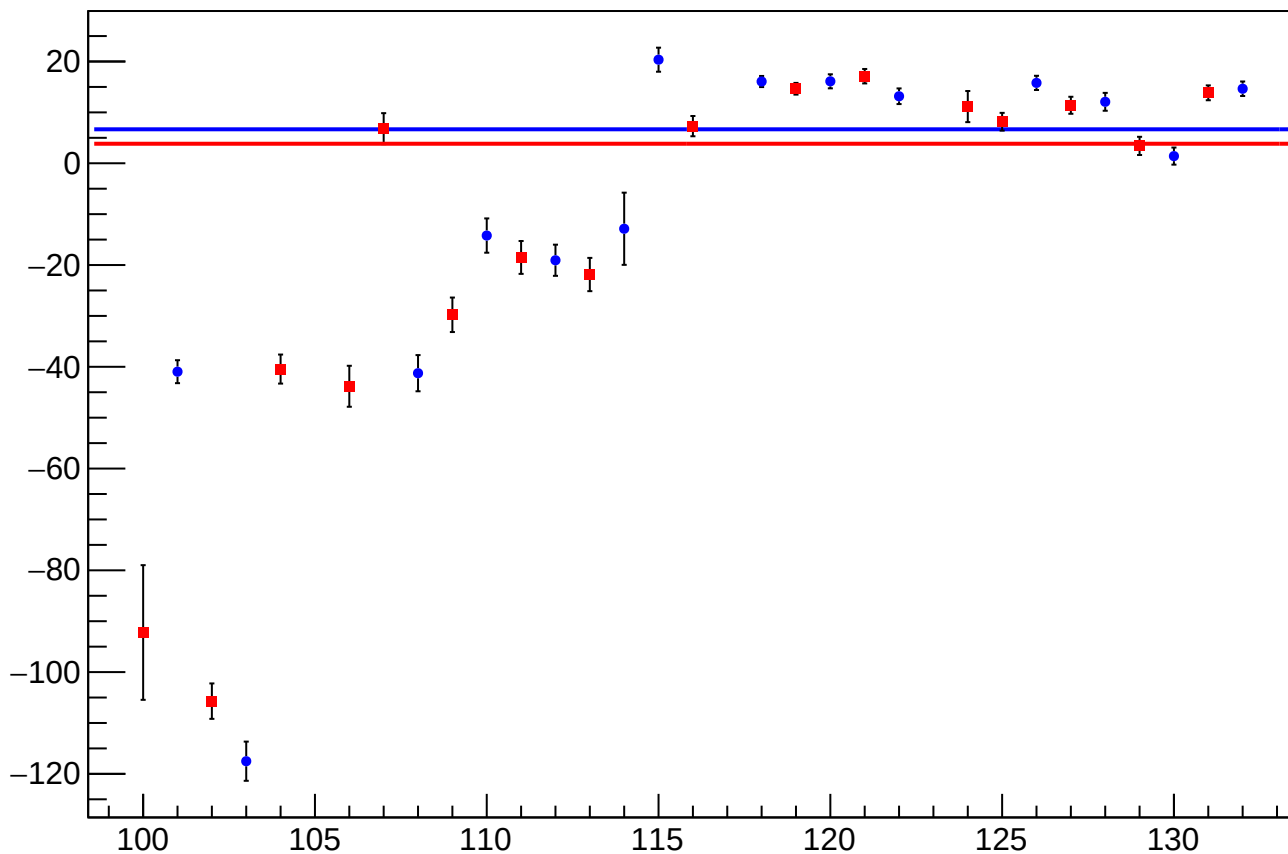
Right: -5.406+/-0.344 χ^2 /NDF: 492.6/29

In: -5.500+/-0.488 χ^2 /NDF:137.6/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -5.406+/-0.344 χ^2 /NDF: 492.6/29

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.675+/-0.488 χ^2/NDF : 2048.9/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3.836+/-0.517 χ^2/NDF : 1891.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

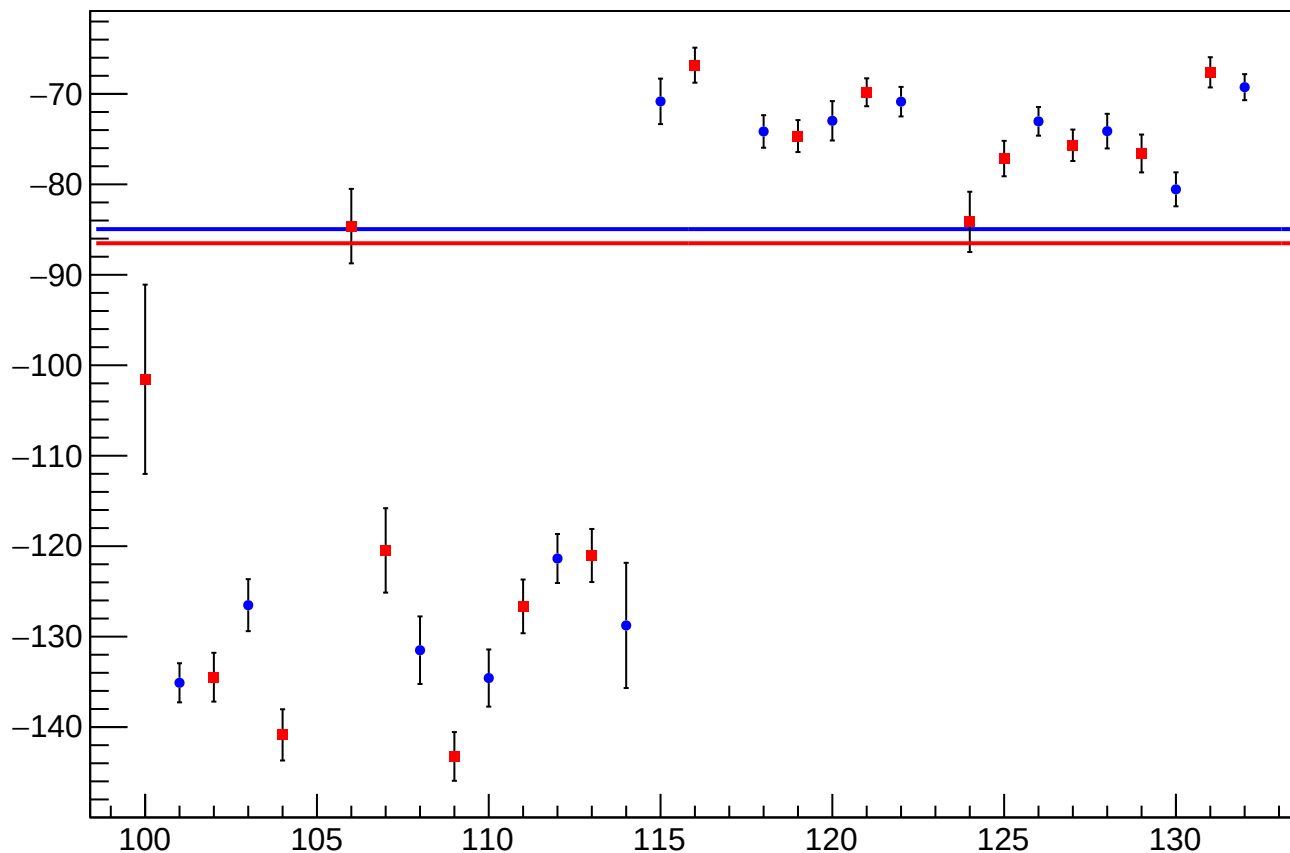
Right: 5.339+/-0.355 χ^2/NDF : 3955.9/29

In: 6.675+/-0.488 χ^2/NDF :2048.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 5.339+/-0.355 χ^2/NDF : 3955.9/29

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -84.949 $\pm$ 0.563 χ^2 /NDF: 1756.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -86.512 $\pm$ 0.576 χ^2 /NDF: 1982.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

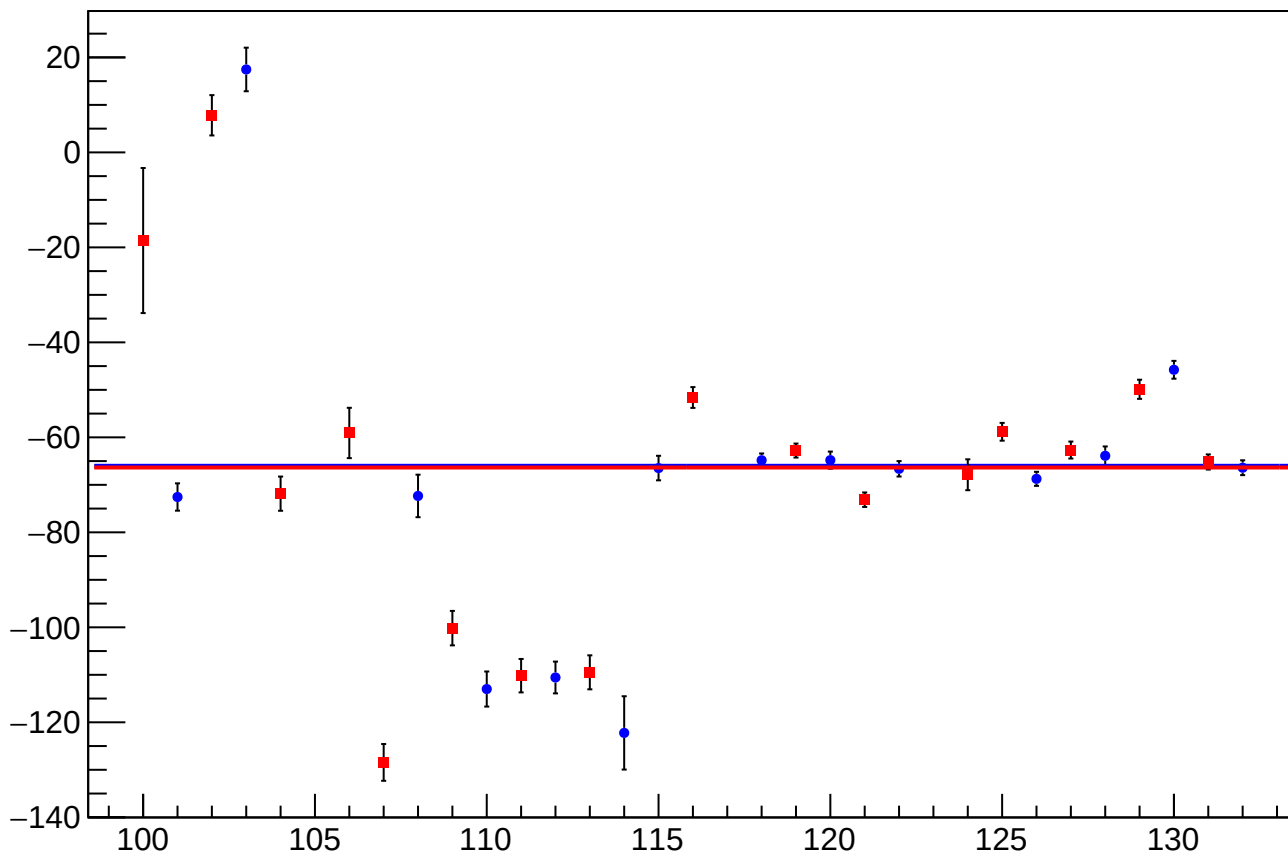
Right: -85.713 $\pm$ 0.402 χ^2 /NDF: 3742.3/29

In: -84.949 $\pm$ 0.563 χ^2 /NDF:1756.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -85.713 $\pm$ 0.402 χ^2 /NDF: 3742.3/29

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -65.994 $\pm$ 0.565 χ^2 /NDF: 852.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -66.352 $\pm$ 0.587 χ^2 /NDF: 1122.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

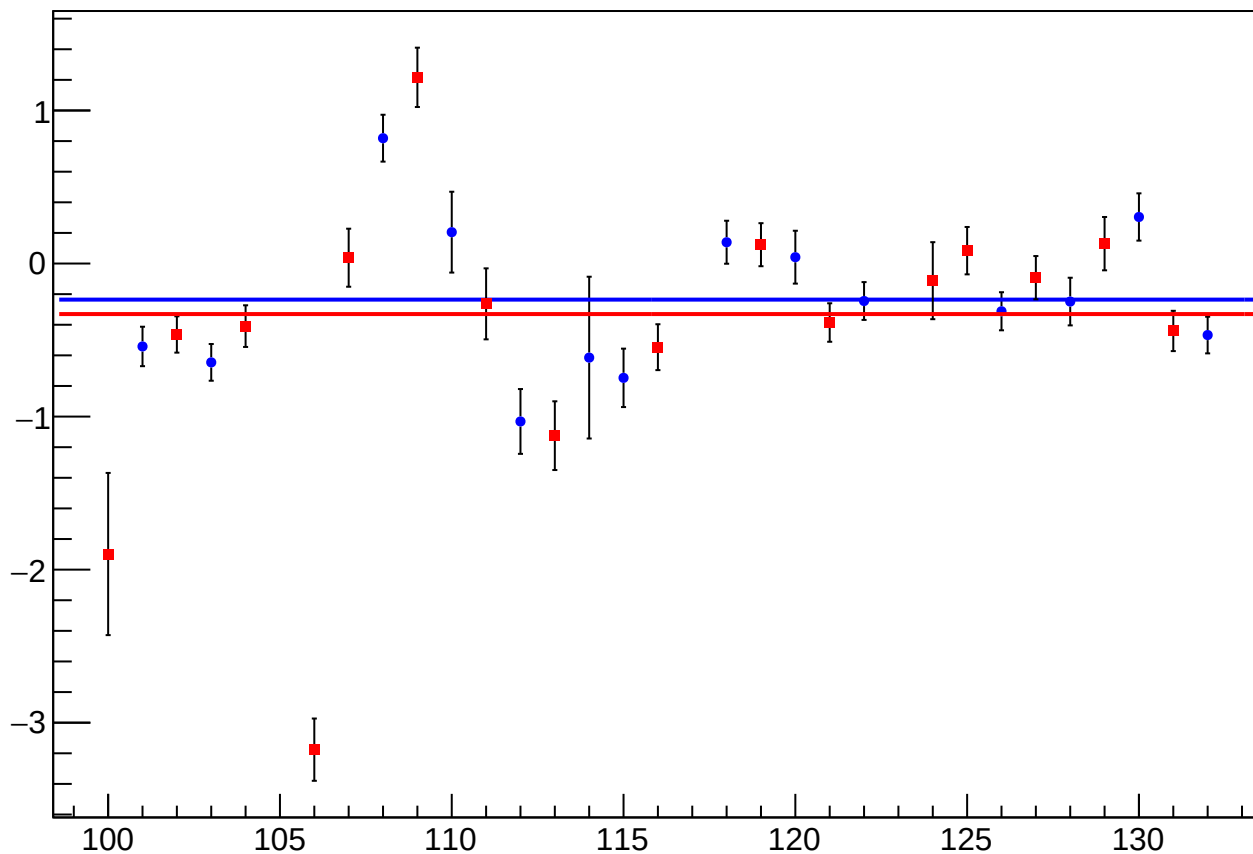
Right: -66.166 $\pm$ 0.407 χ^2 /NDF: 1975.6/29

In: -65.994 $\pm$ 0.565 χ^2 /NDF:852.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -66.166 $\pm$ 0.407 χ^2 /NDF: 1975.6/29

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.236 $\pm$ 0.041 χ^2/NDF : 115.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.330 $\pm$ 0.041 χ^2/NDF : 317.2/15

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

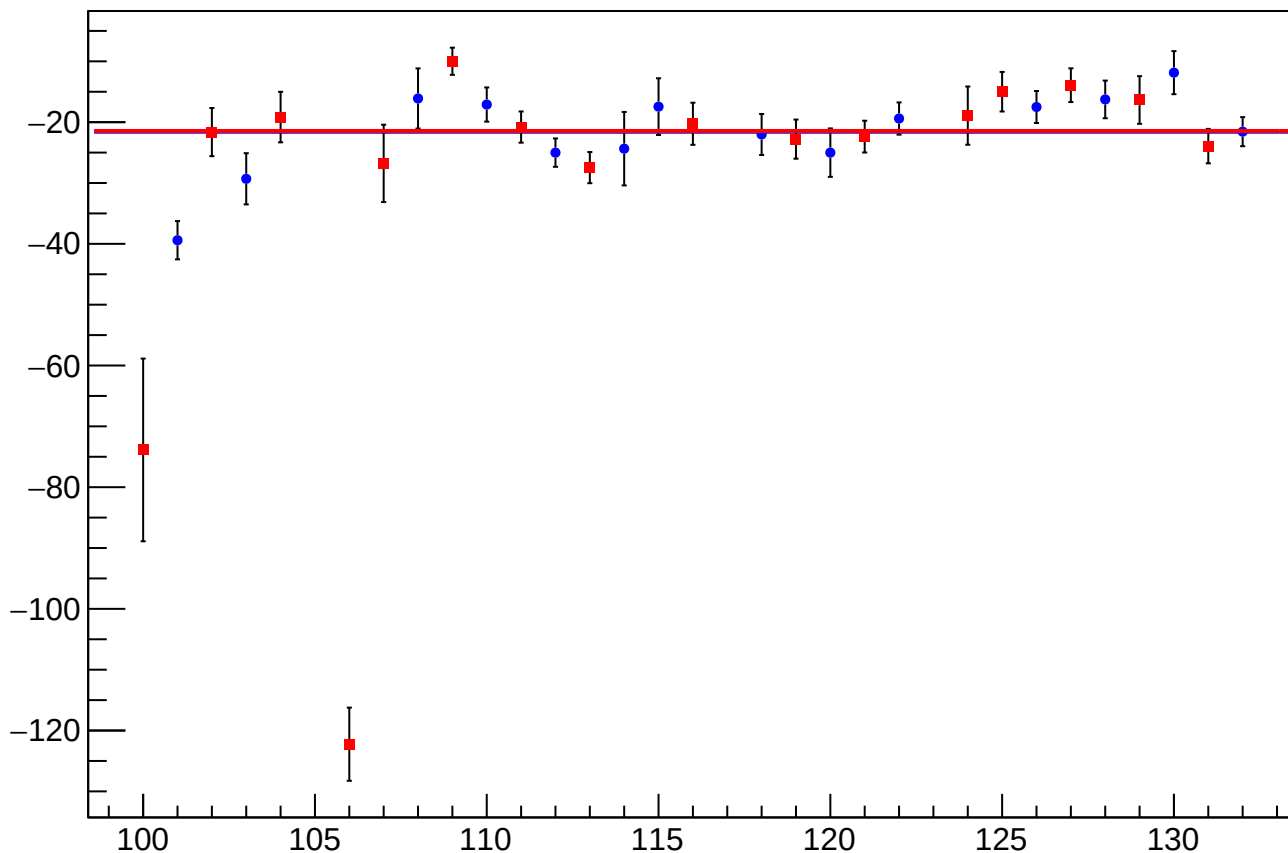
Right: -0.283 $\pm$ 0.029 χ^2/NDF : 435.3/29

In: -0.236 $\pm$ 0.041 χ^2/NDF : 115.4/13

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.283 $\pm$ 0.029 χ^2/NDF : 435.3/29

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -21.569 ± 0.851 χ^2/NDF : 56.7/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -21.448 ± 0.825 χ^2/NDF : 340.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

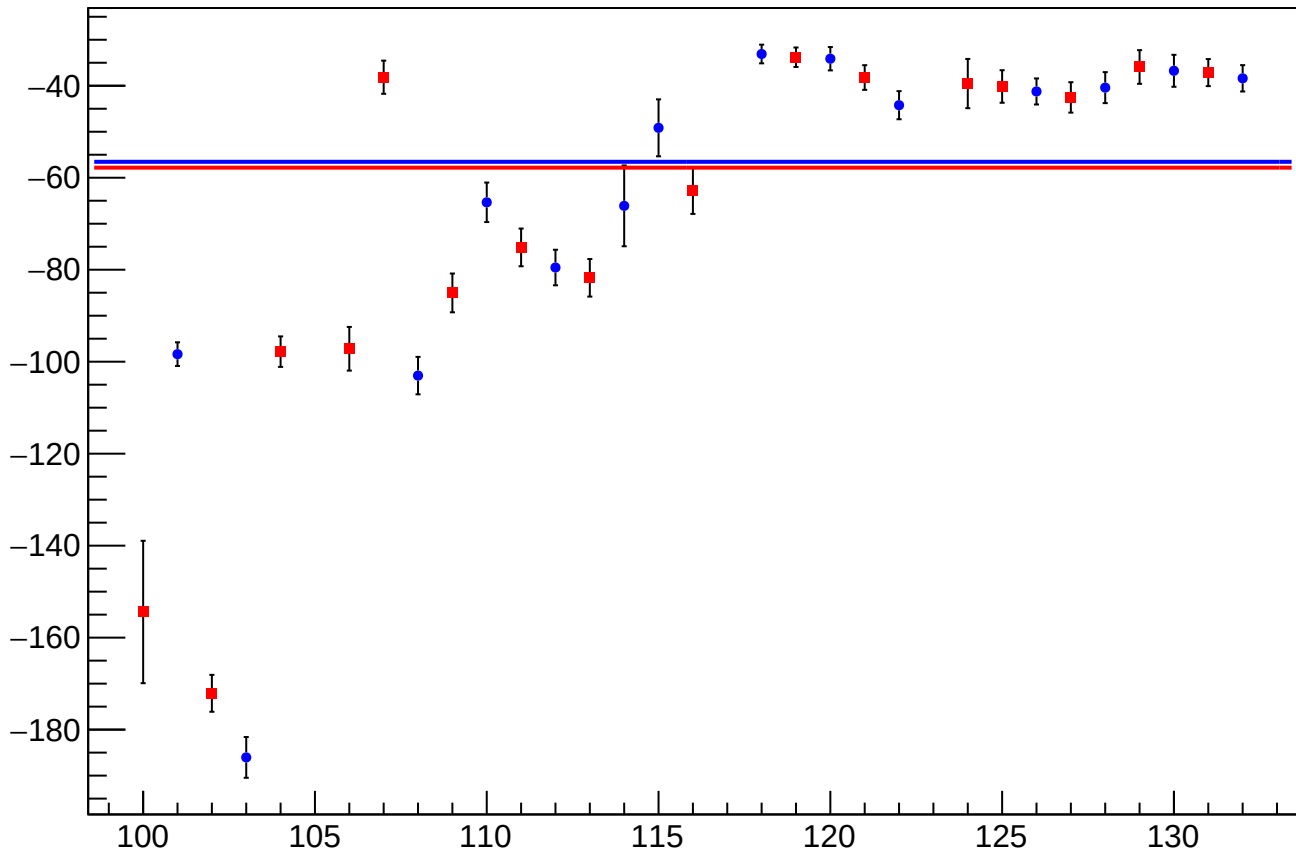
Right: -21.506 ± 0.592 χ^2/NDF : 397.2/29

In: -21.569 ± 0.851 χ^2/NDF : 56.7/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -21.506 ± 0.592 χ^2/NDF : 397.2/29

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -56.536 $\pm$ 0.862 χ^2 /NDF: 1642.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -57.810 $\pm$ 0.894 χ^2 /NDF: 1515.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

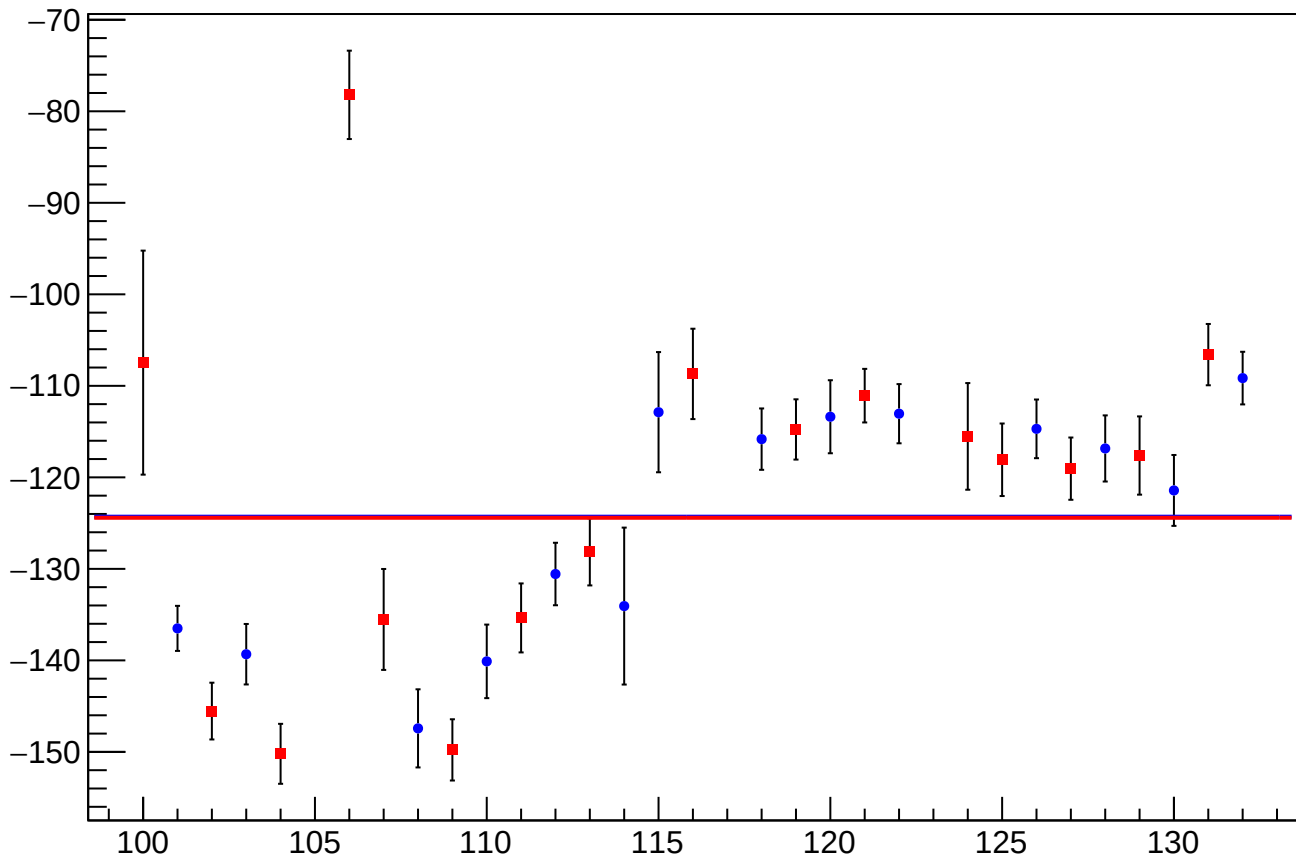
Right: -57.151 $\pm$ 0.621 χ^2 /NDF: 3158.8/29

In: -56.536 $\pm$ 0.862 χ^2 /NDF:1642.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -57.151 $\pm$ 0.621 χ^2 /NDF: 3158.8/29

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -124.298+/-0.951 χ^2 /NDF: 165.3/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -124.416+/-0.959 χ^2 /NDF: 350.6/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

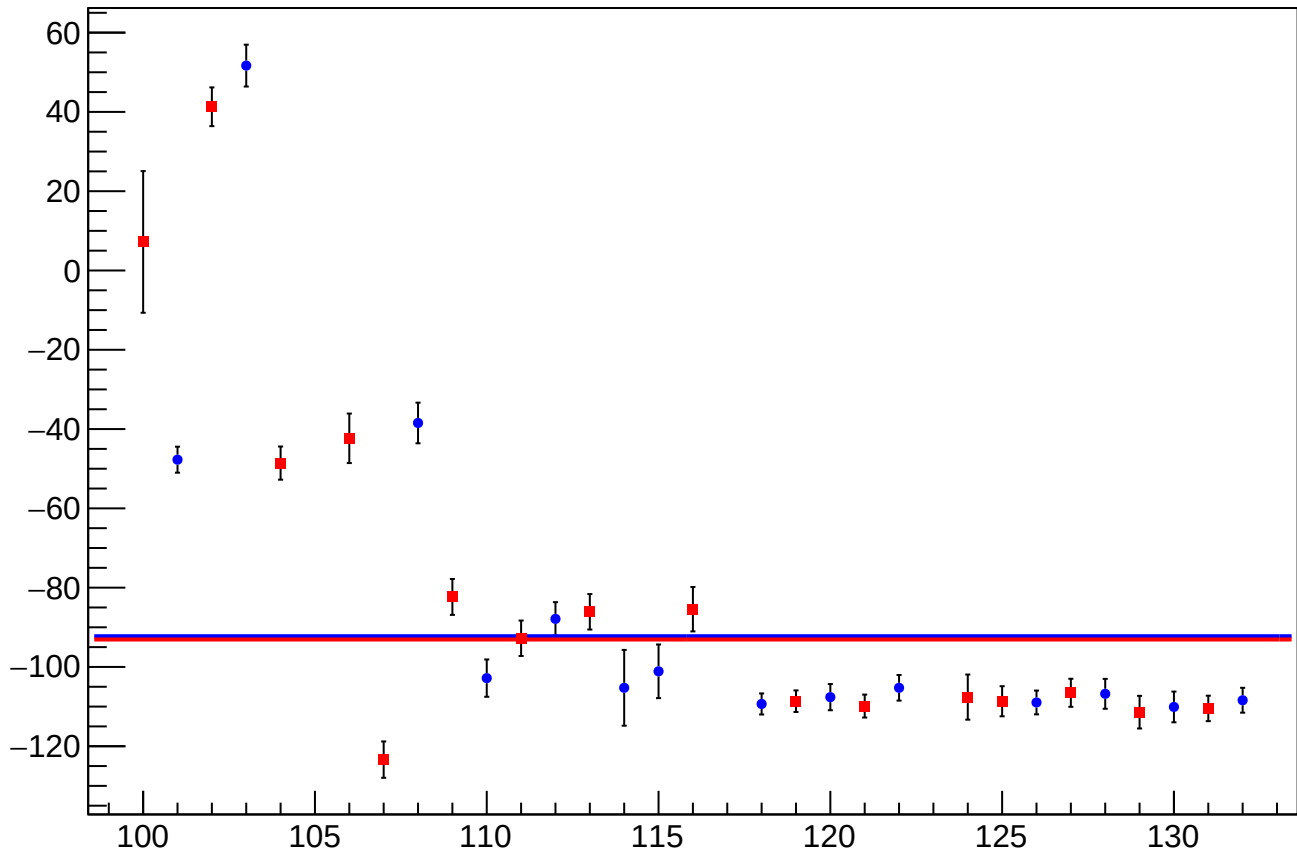
Right: -124.357+/-0.675 χ^2 /NDF: 515.9/29

In: -124.298+/-0.951 χ^2 /NDF:165.3/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -124.357+/-0.675 χ^2 /NDF: 515.9/29

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -92.250+/-1.010 χ^2/NDF : 1220.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -93.080+/-1.028 χ^2/NDF : 1173.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

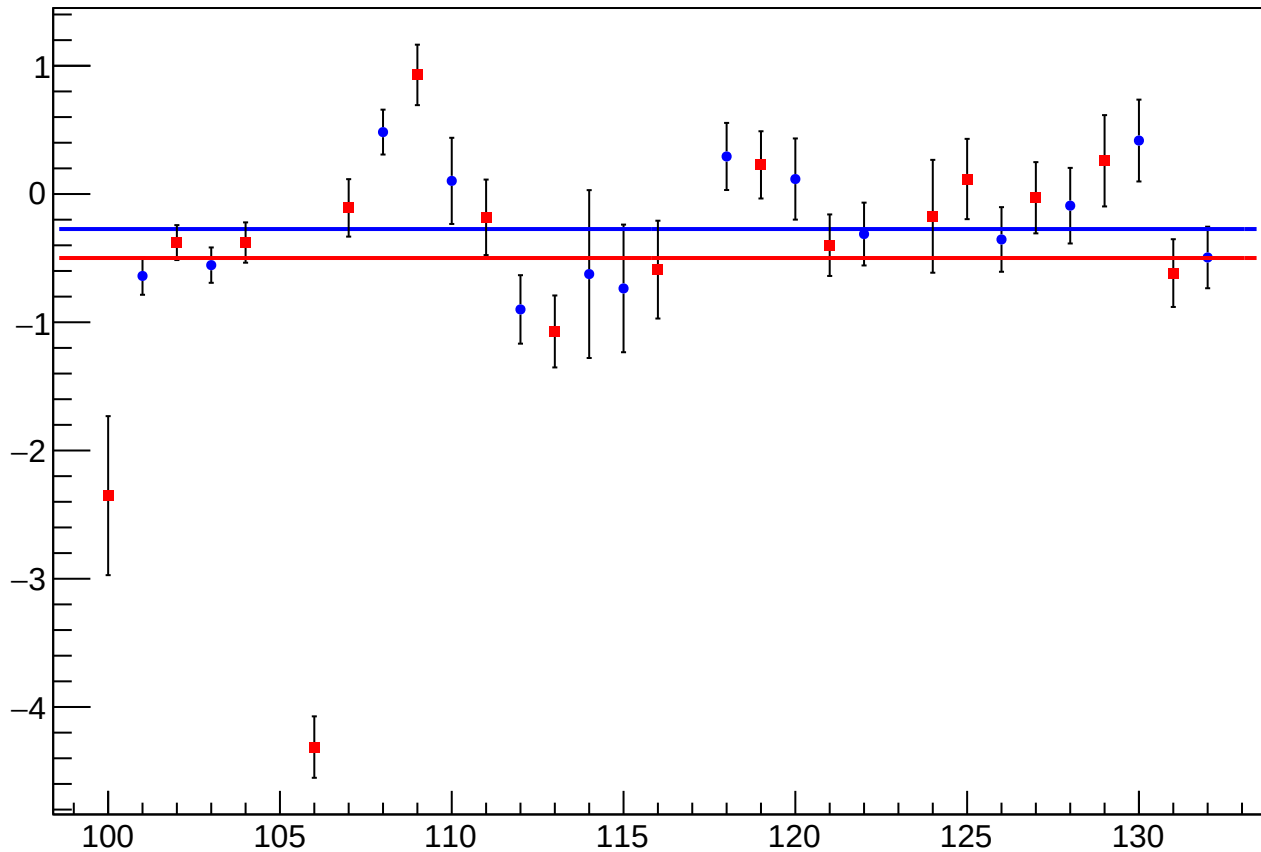
Right: -92.658+/-0.720 χ^2/NDF : 2394.3/29

In: -92.250+/-1.010 χ^2/NDF : 1220.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -92.658+/-0.720 χ^2/NDF : 2394.3/29

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.273 ± 0.062 $\chi^2/\text{NDF}: 49.2/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.499 ± 0.061 $\chi^2/\text{NDF}: 328.6/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

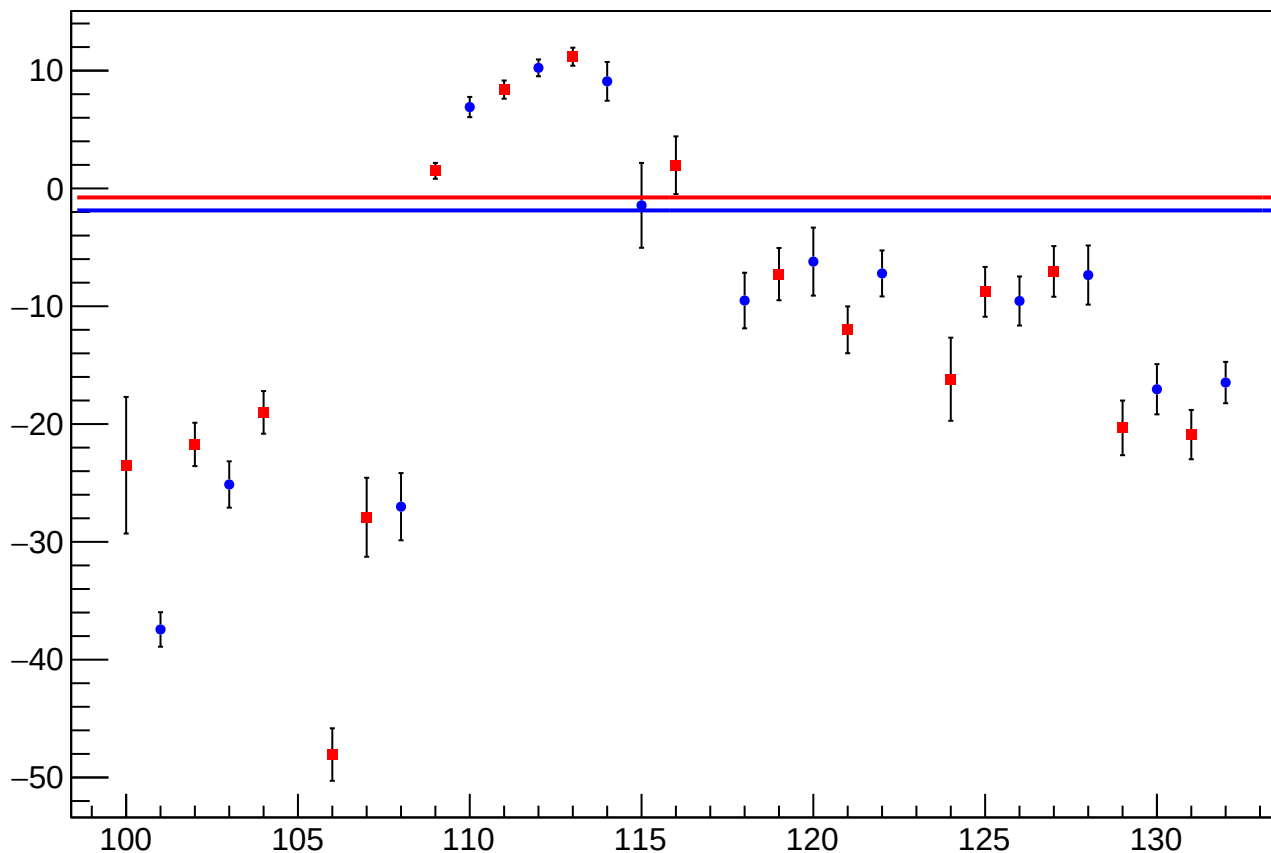
Right: -0.388 ± 0.044 $\chi^2/\text{NDF}: 384.5/29$

In: -0.273 ± 0.062 $\chi^2/\text{NDF}: 49.2/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.388 ± 0.044 $\chi^2/\text{NDF}: 384.5/29$

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.866+/-0.405 χ^2/NDF : 1402.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.763+/-0.352 χ^2/NDF : 1405.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

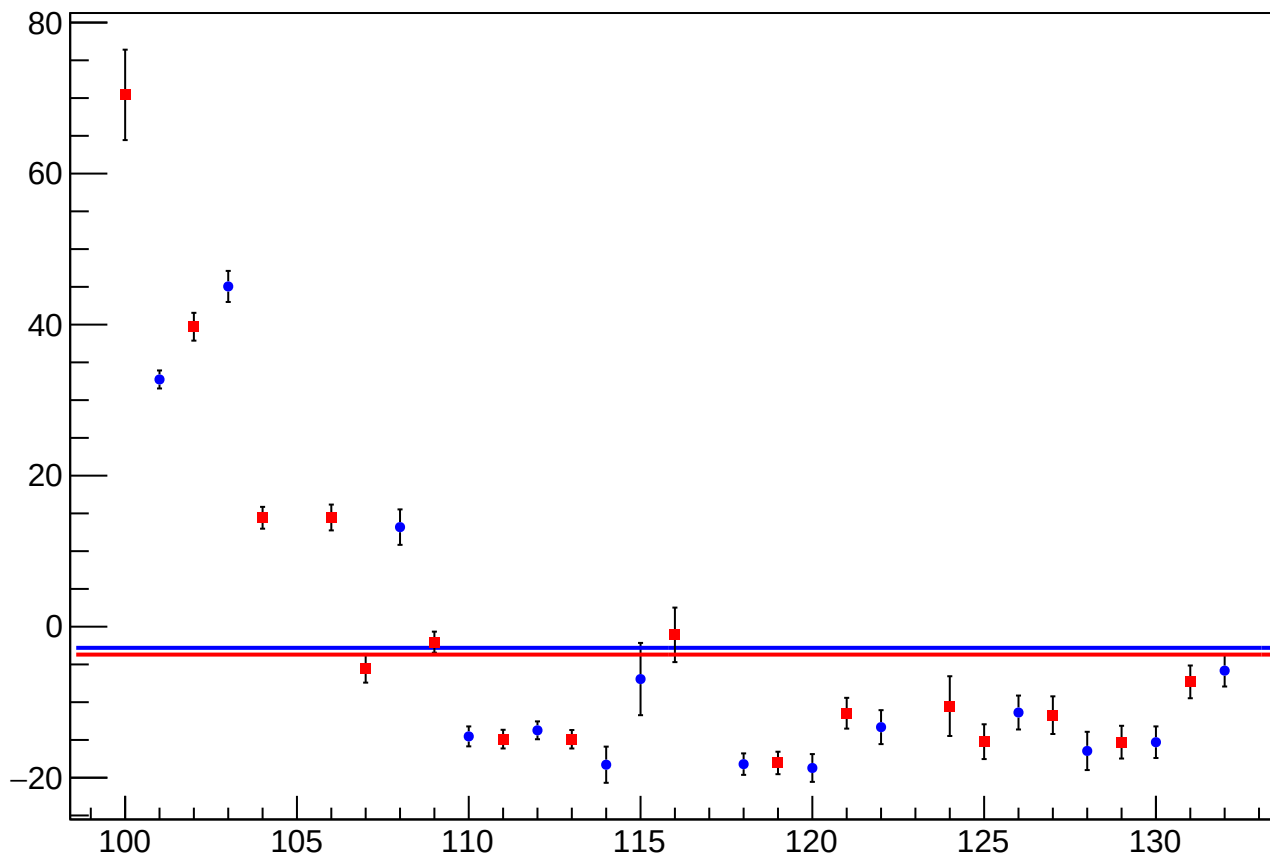
Right: -1.238+/-0.266 χ^2/NDF : 2811.4/29

In: -1.866+/-0.405 χ^2/NDF :1402.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.238+/-0.266 χ^2/NDF : 2811.4/29

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.802 ± 0.476 χ^2/NDF : 1976.1/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.697 ± 0.453 χ^2/NDF : 1325.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

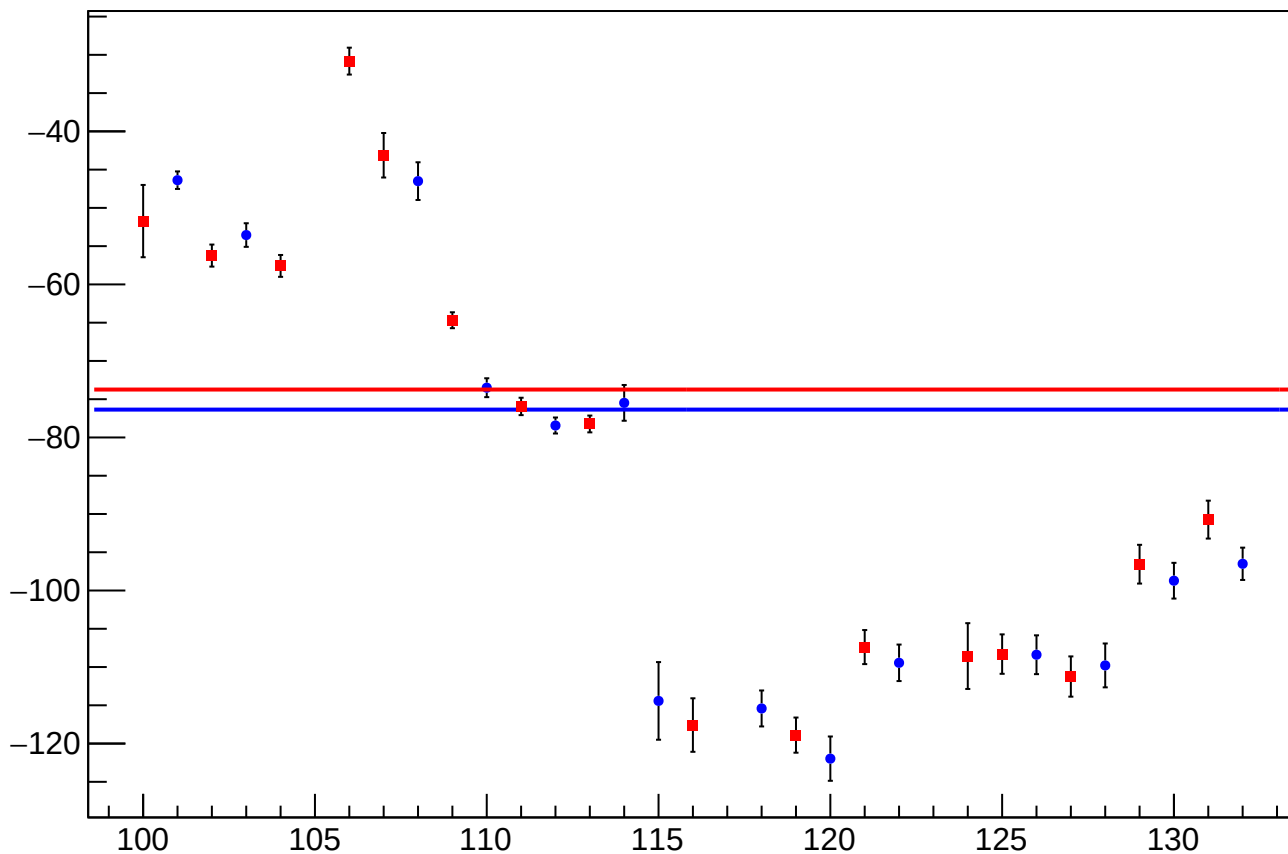
Right: -3.271 ± 0.328 χ^2/NDF : 3303.6/29

In: -2.802 ± 0.476 χ^2/NDF : 1976.1/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.271 ± 0.328 χ^2/NDF : 3303.6/29

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.359 $\pm$ 0.482 χ^2 /NDF: 2311.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -73.738 $\pm$ 0.441 χ^2 /NDF: 2450.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

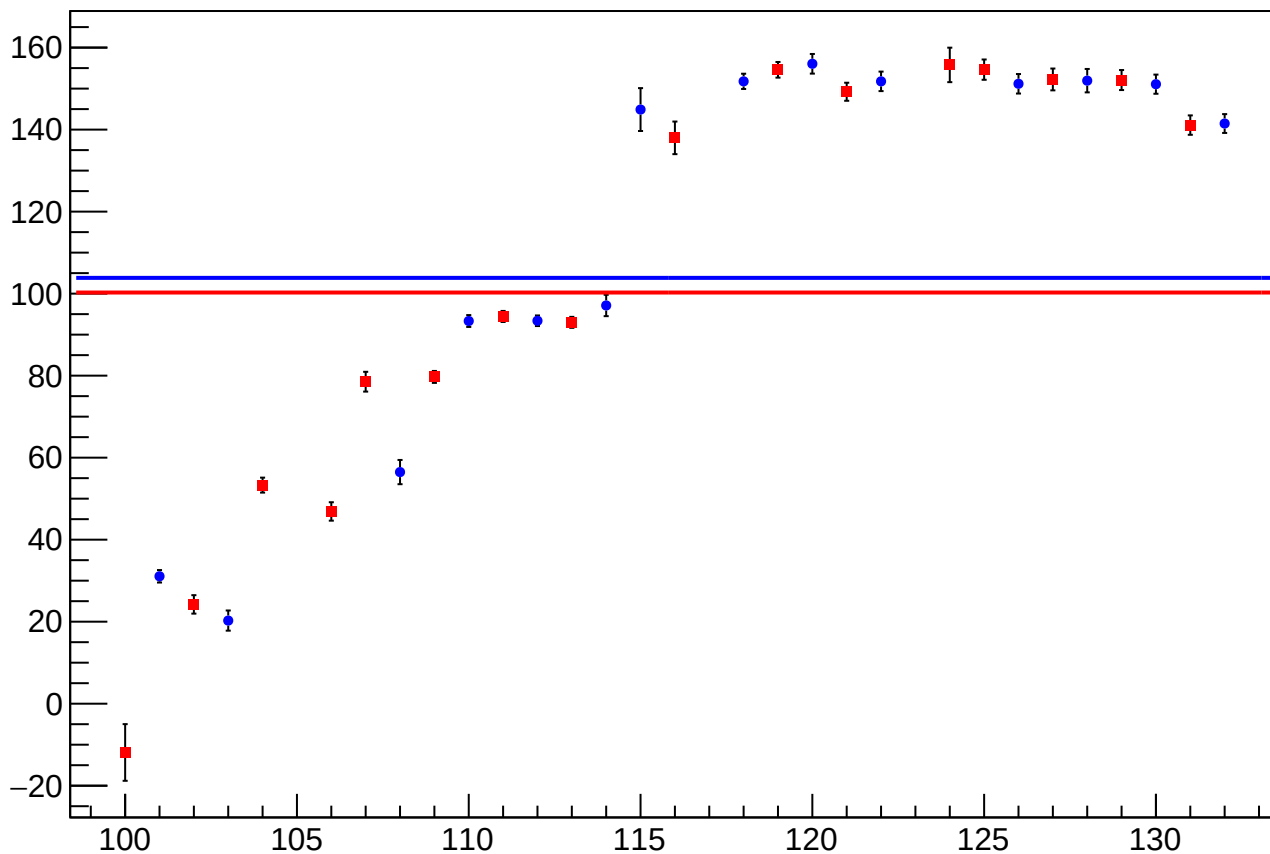
Right: -74.933 $\pm$ 0.326 χ^2 /NDF: 4778.4/29

In: -76.359 $\pm$ 0.482 χ^2 /NDF:2311.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -74.933 $\pm$ 0.326 χ^2 /NDF: 4778.4/29

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 103.845 $\pm$ 0.552 χ^2 /NDF: 6792.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 100.270 $\pm$ 0.518 χ^2 /NDF: 6143.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

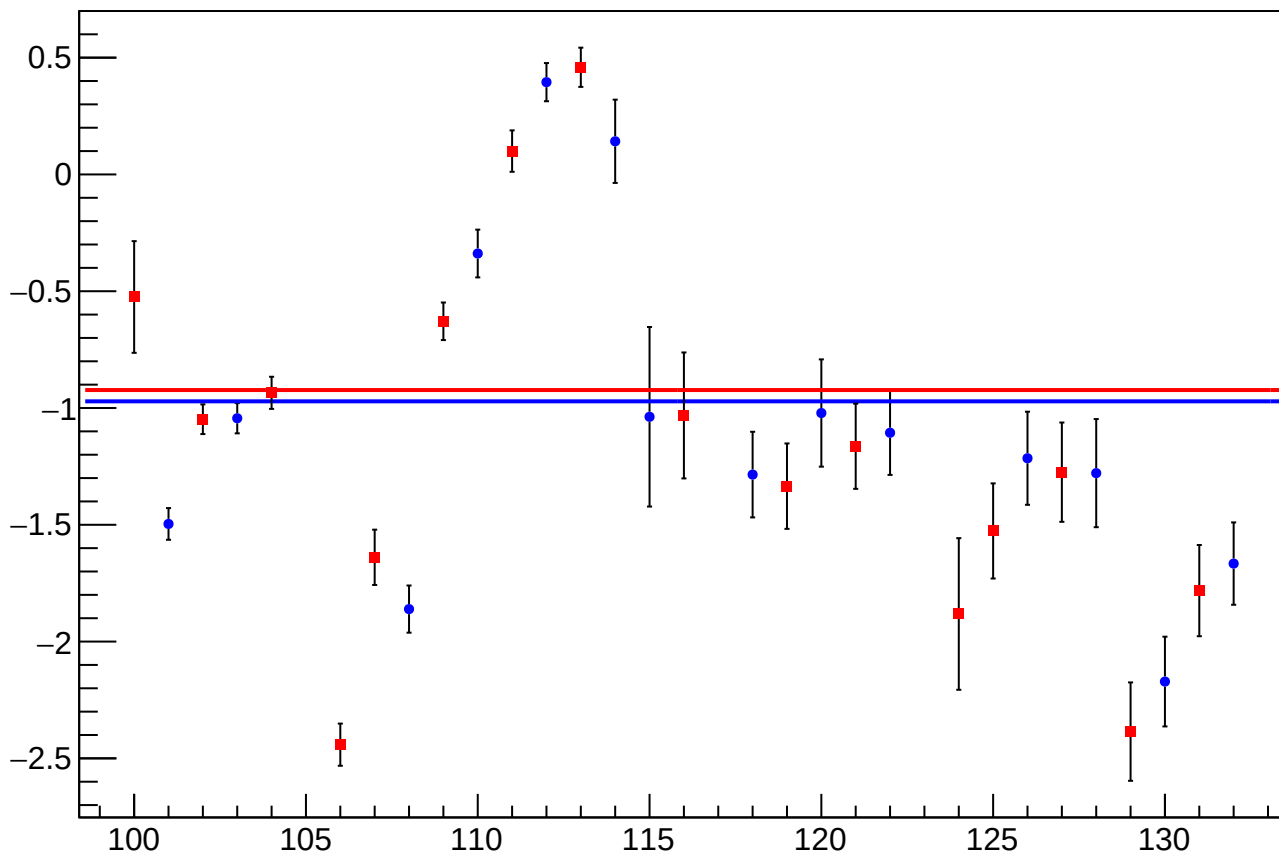
Right: 101.947 $\pm$ 0.378 χ^2 /NDF: 12958.2/29

In: 103.845 $\pm$ 0.552 χ^2 /NDF:6792.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 101.947 $\pm$ 0.378 χ^2 /NDF: 12958.2/29

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.971 ± 0.031 χ^2/NDF : 557.0/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.923 ± 0.028 χ^2/NDF : 838.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

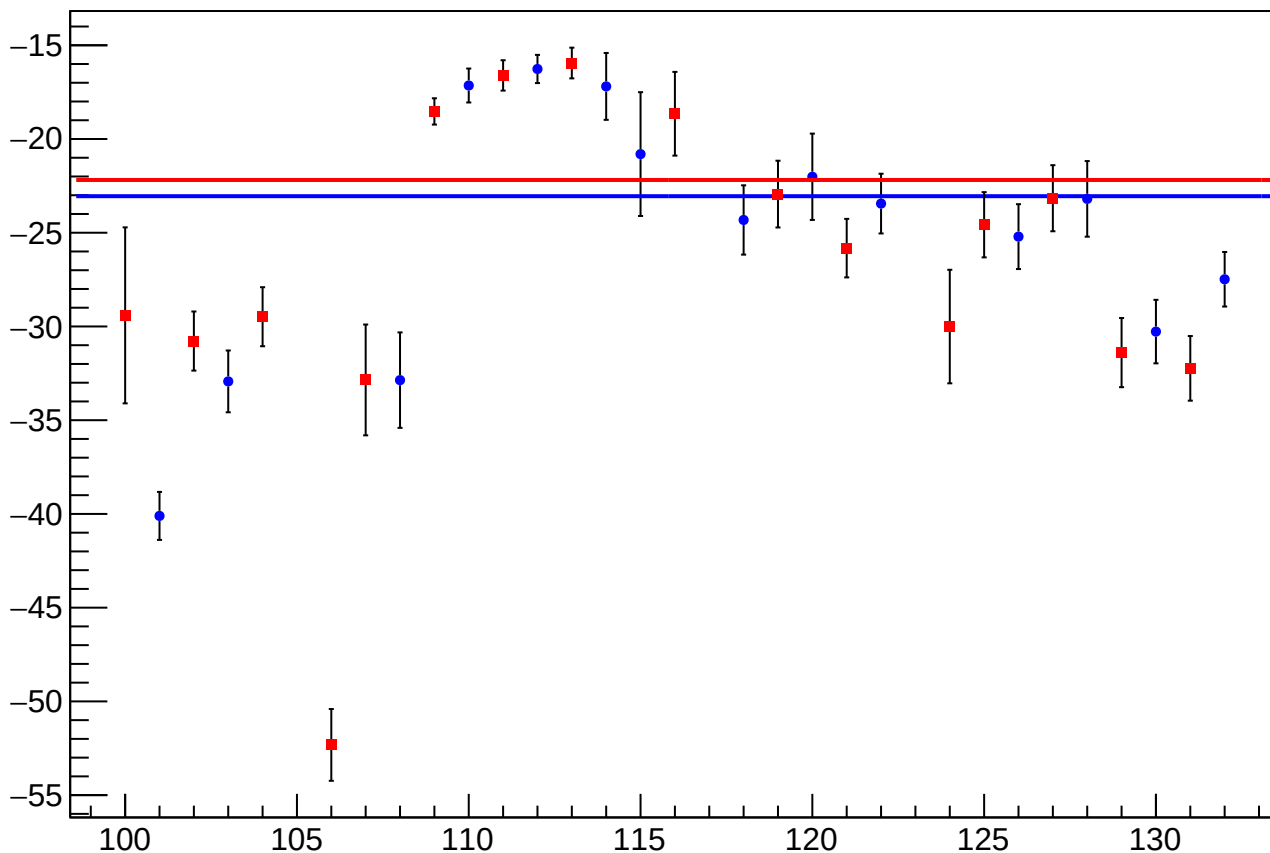
Right: -0.945 ± 0.021 χ^2/NDF : 1396.5/29

In: -0.971 ± 0.031 χ^2/NDF : 557.0/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.945 ± 0.021 χ^2/NDF : 1396.5/29

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -23.051 ± 0.383 $\chi^2/\text{NDF}: 393.3/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -22.186 ± 0.341 $\chi^2/\text{NDF}: 522.9/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

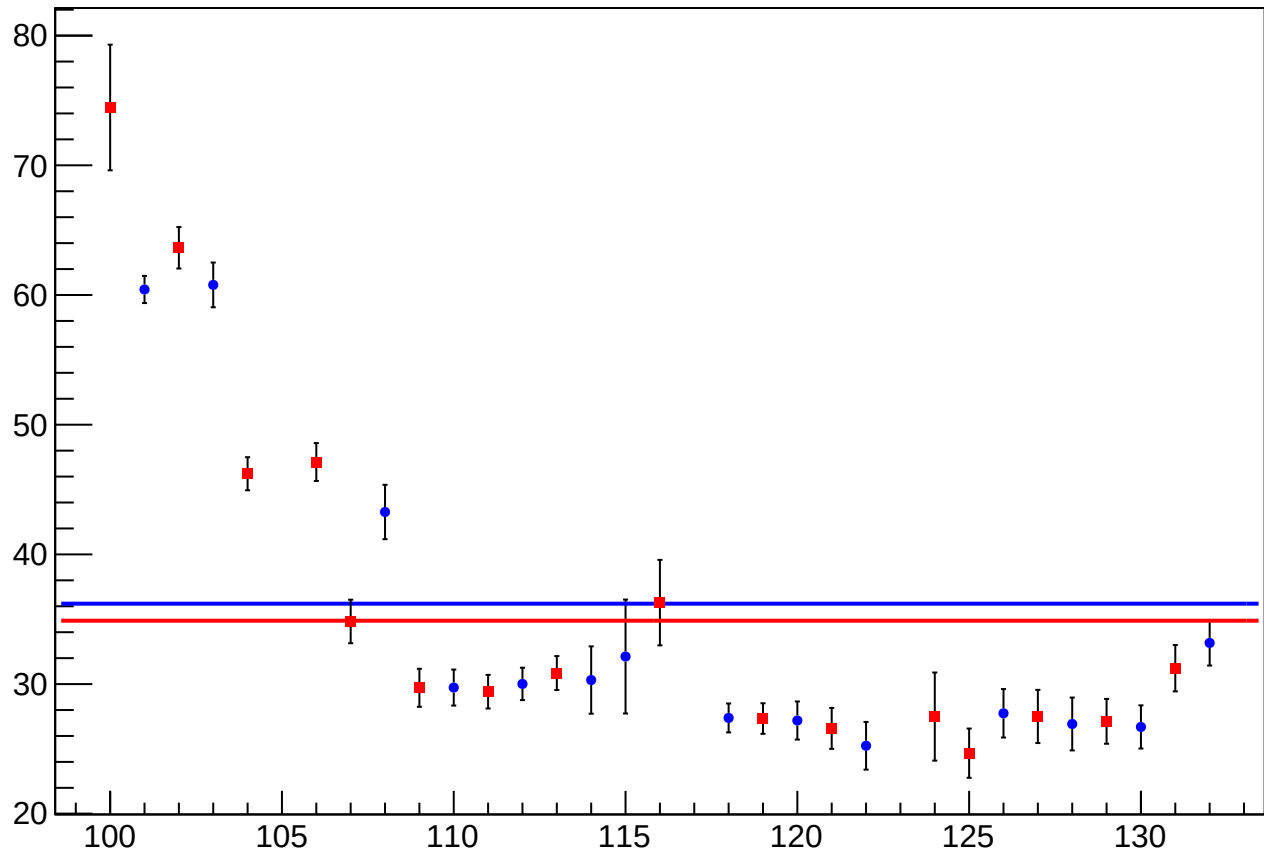
Right: -22.568 ± 0.255 $\chi^2/\text{NDF}: 919.0/29$

In: -23.051 ± 0.383 $\chi^2/\text{NDF}: 393.3/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -22.568 ± 0.255 $\chi^2/\text{NDF}: 919.0/29$

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 36.201+/-0.422 χ^2/NDF : 1014.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.887+/-0.409 χ^2/NDF : 719.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

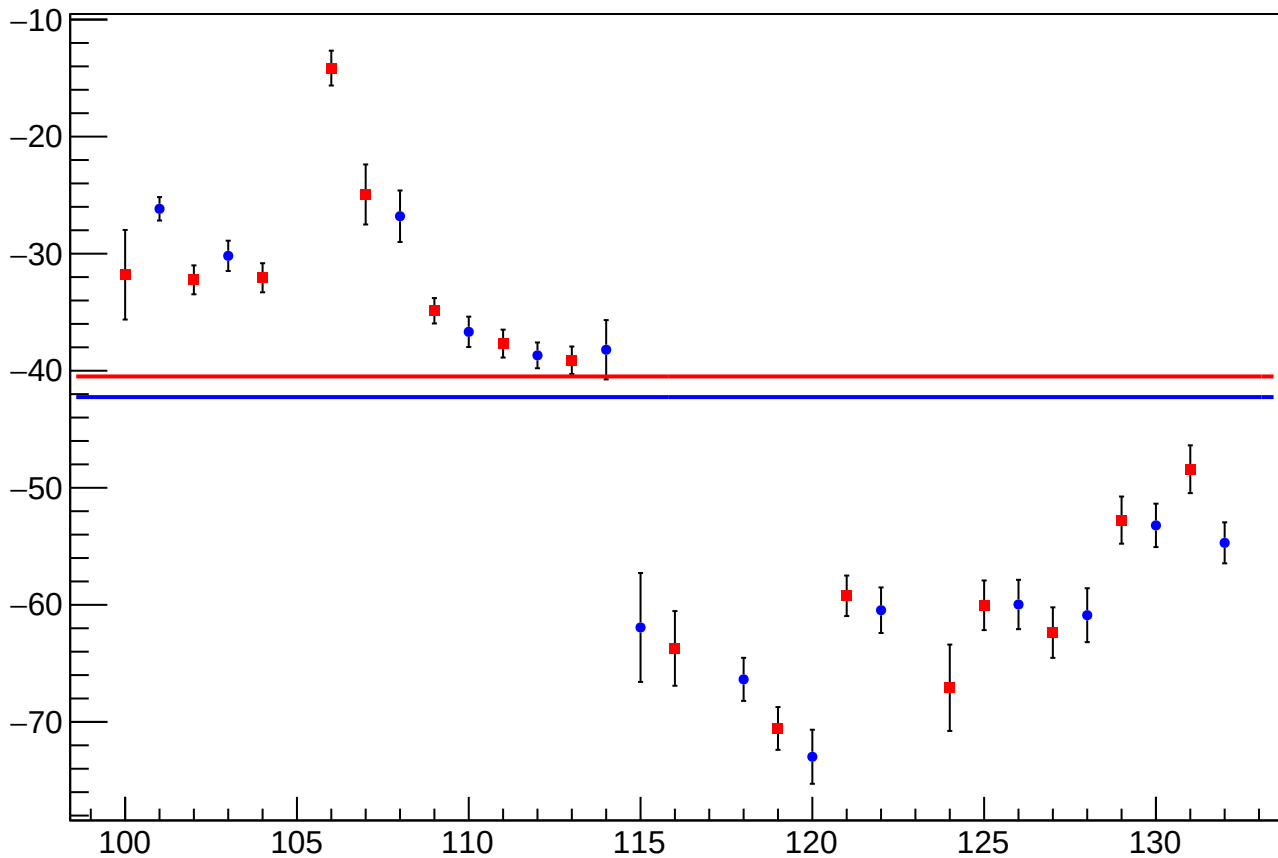
Right: 35.523+/-0.294 χ^2/NDF : 1738.9/29

In: 36.201+/-0.422 χ^2/NDF : 1014.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.523+/-0.294 χ^2/NDF : 1738.9/29

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -42.252 $\pm$ 0.439 χ^2 /NDF: 1101.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -40.488 $\pm$ 0.409 χ^2 /NDF: 1212.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

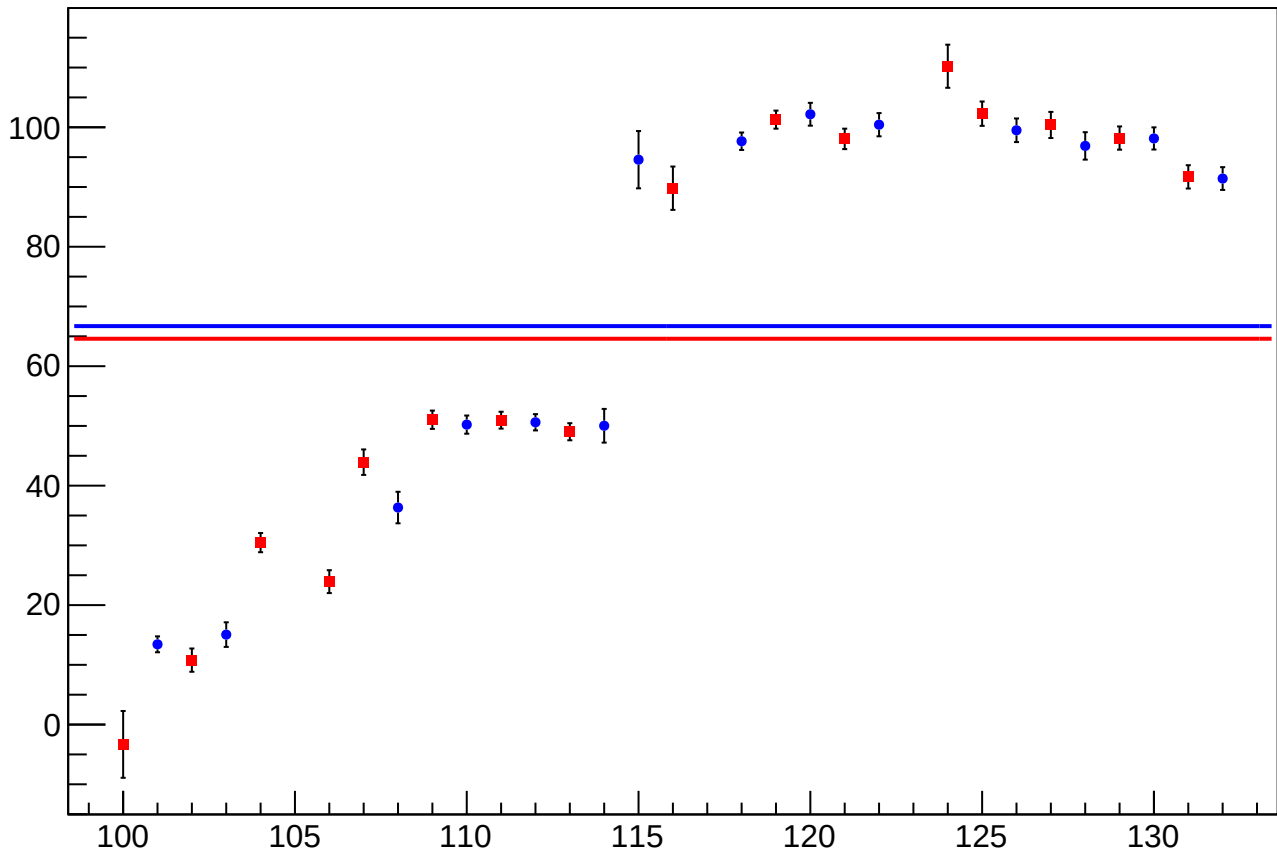
Right: -41.308 $\pm$ 0.299 χ^2 /NDF: 2323.2/29

In: -42.252 $\pm$ 0.439 χ^2 /NDF:1101.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -41.308 $\pm$ 0.299 χ^2 /NDF: 2323.2/29

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 66.710+/-0.494 χ^2/NDF : 4683.9/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 64.595+/-0.471 χ^2/NDF : 4476.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

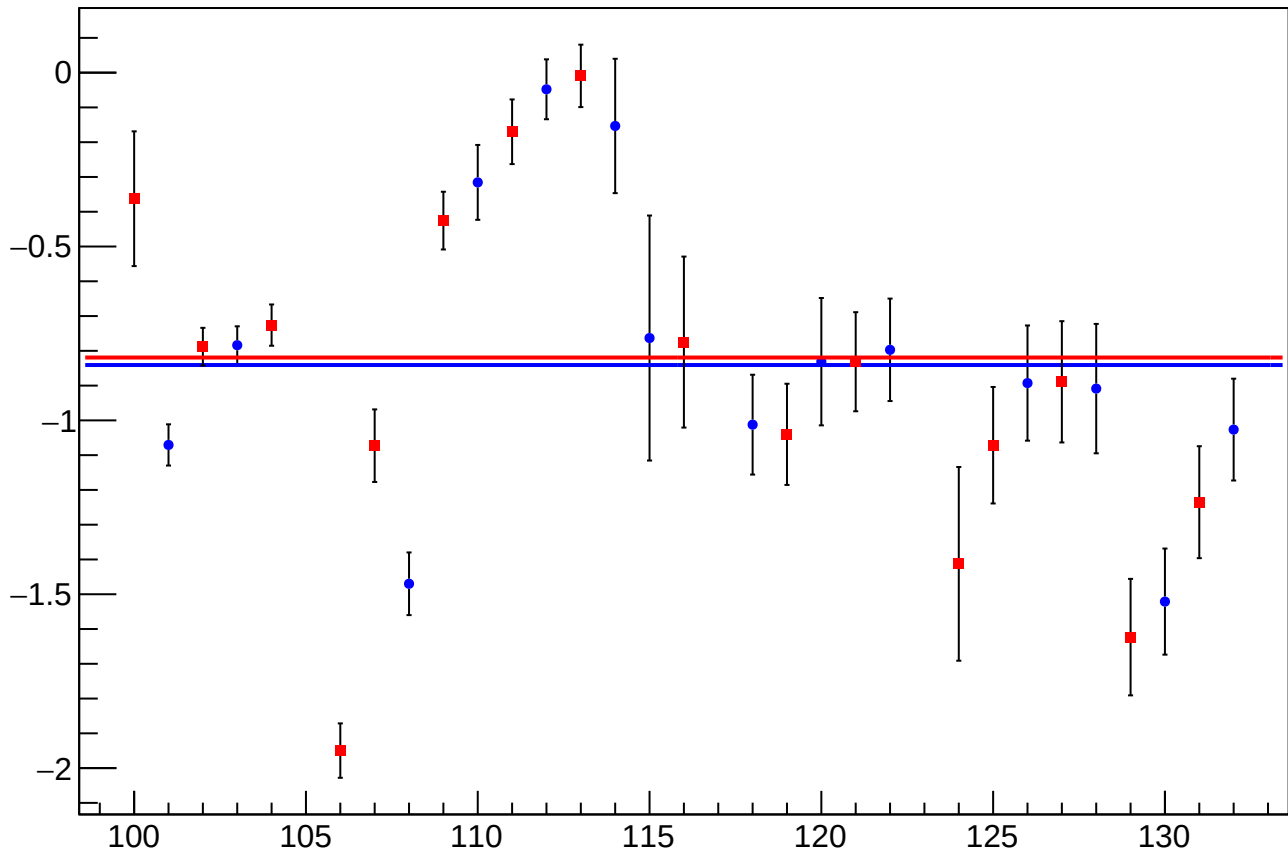
Right: 65.603+/-0.341 χ^2/NDF : 9169.7/29

In: 66.710+/-0.494 χ^2/NDF :4683.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 65.603+/-0.341 χ^2/NDF : 9169.7/29

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.841 ± 0.028 χ^2/NDF : 209.4/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.819 ± 0.025 χ^2/NDF : 414.8/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

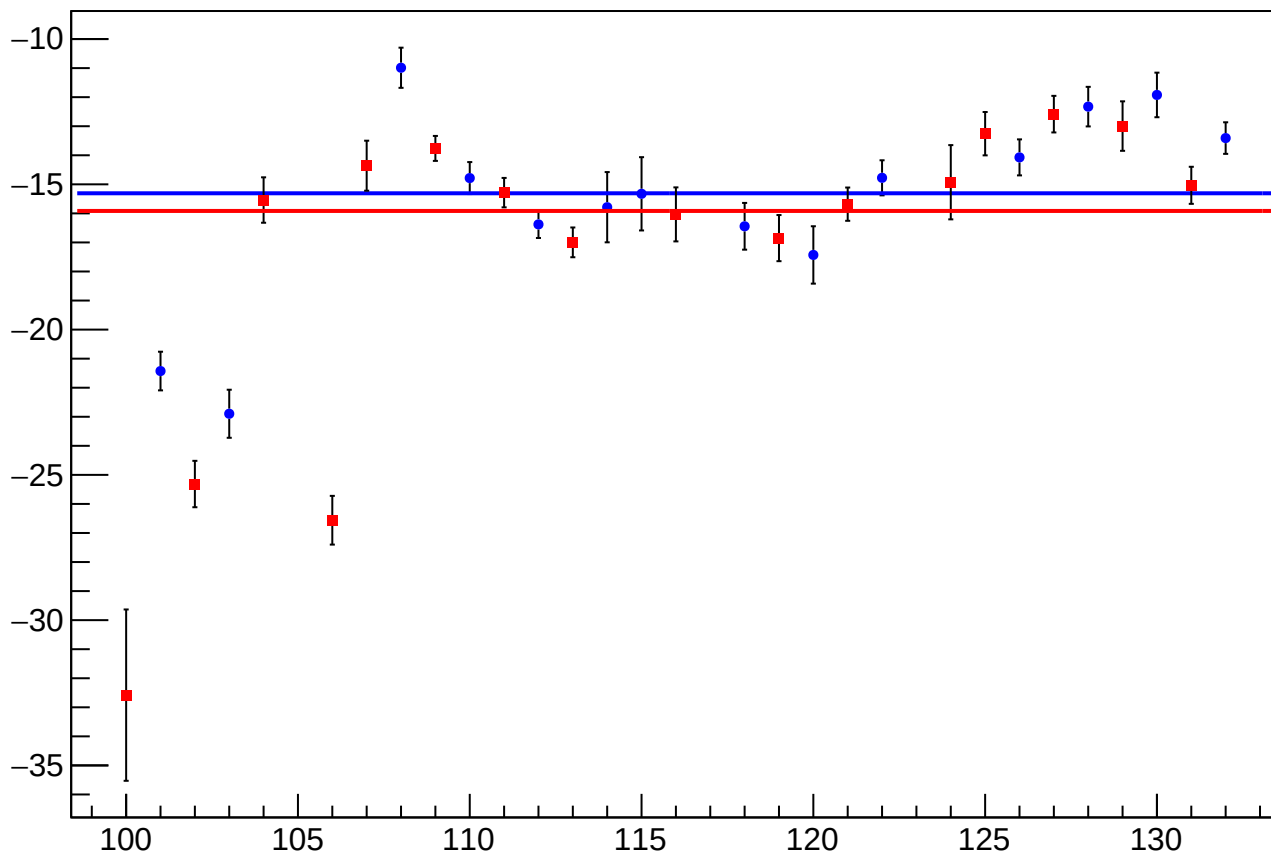
Right: -0.829 ± 0.019 χ^2/NDF : 624.4/29

In: -0.841 ± 0.028 χ^2/NDF : 209.4/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.829 ± 0.019 χ^2/NDF : 624.4/29

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -15.308 ± 0.182 χ^2/NDF : 276.4/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -15.916 ± 0.172 χ^2/NDF : 422.8/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

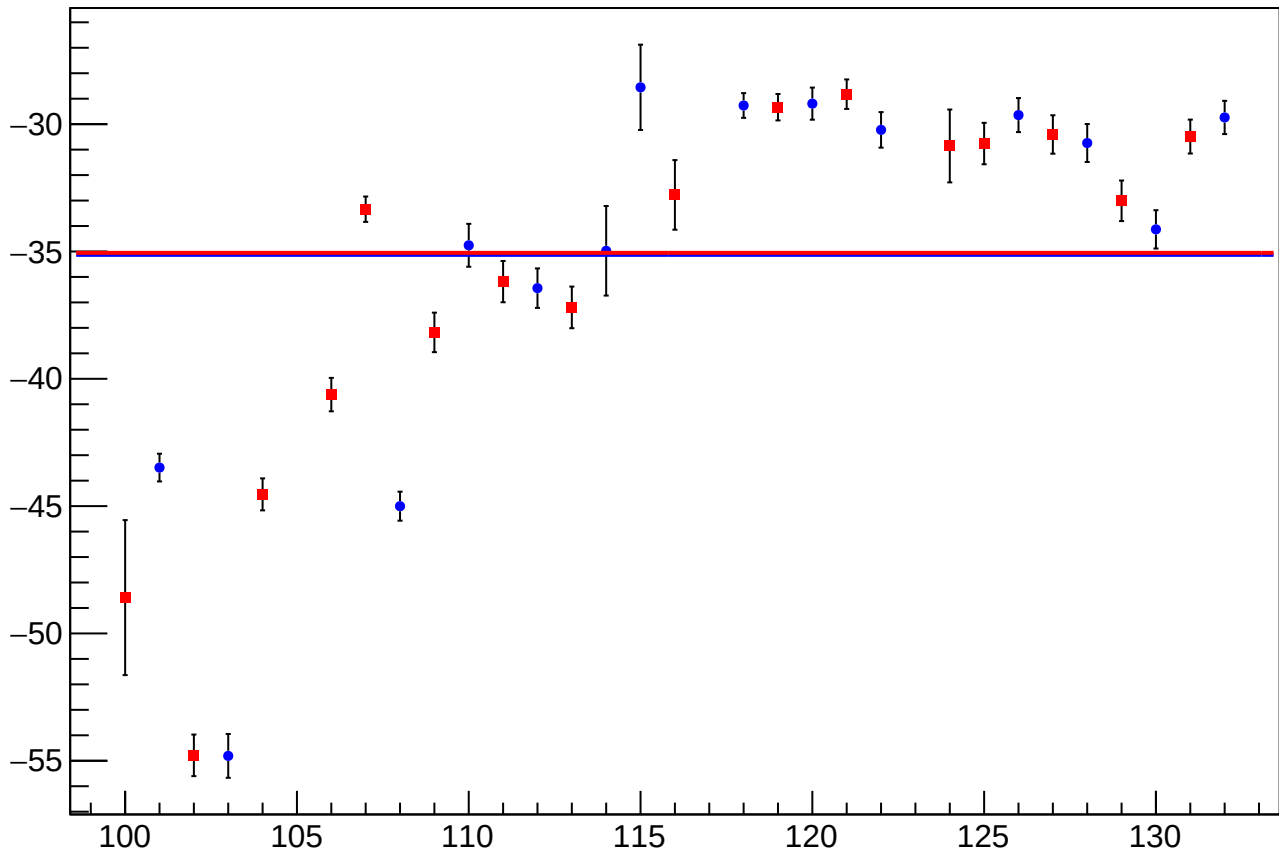
Right: -15.629 ± 0.125 χ^2/NDF : 705.0/29

In: -15.308 ± 0.182 χ^2/NDF : 276.4/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.629 ± 0.125 χ^2/NDF : 705.0/29

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -35.132+/-0.187 χ^2/NDF : 1533.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -35.054+/-0.183 χ^2/NDF : 1309.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

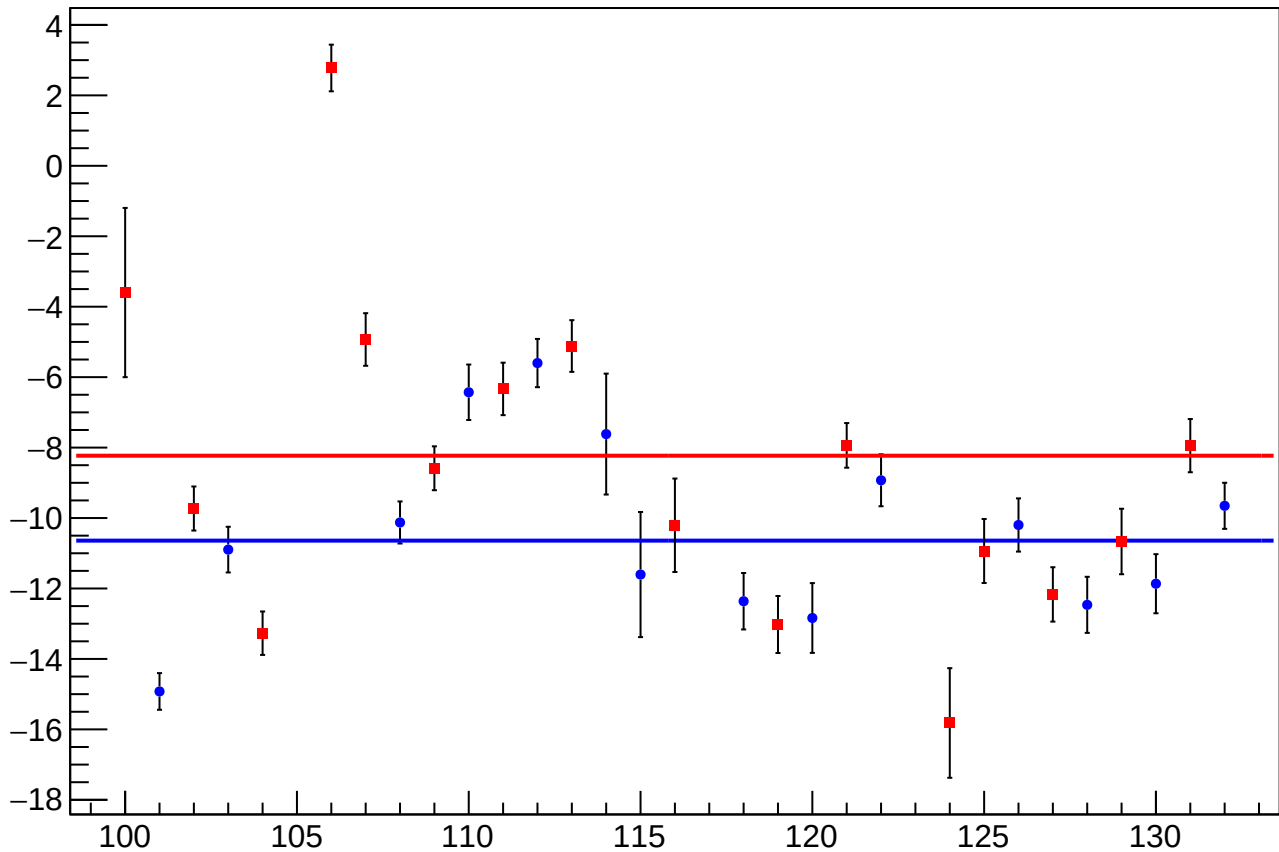
Right: -35.092+/-0.131 χ^2/NDF : 2842.7/29

In: -35.132+/-0.187 χ^2/NDF : 1533.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.092+/-0.131 χ^2/NDF : 2842.7/29

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -10.641 ± 0.201 χ^2/NDF : 179.6/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.230 ± 0.194 χ^2/NDF : 500.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

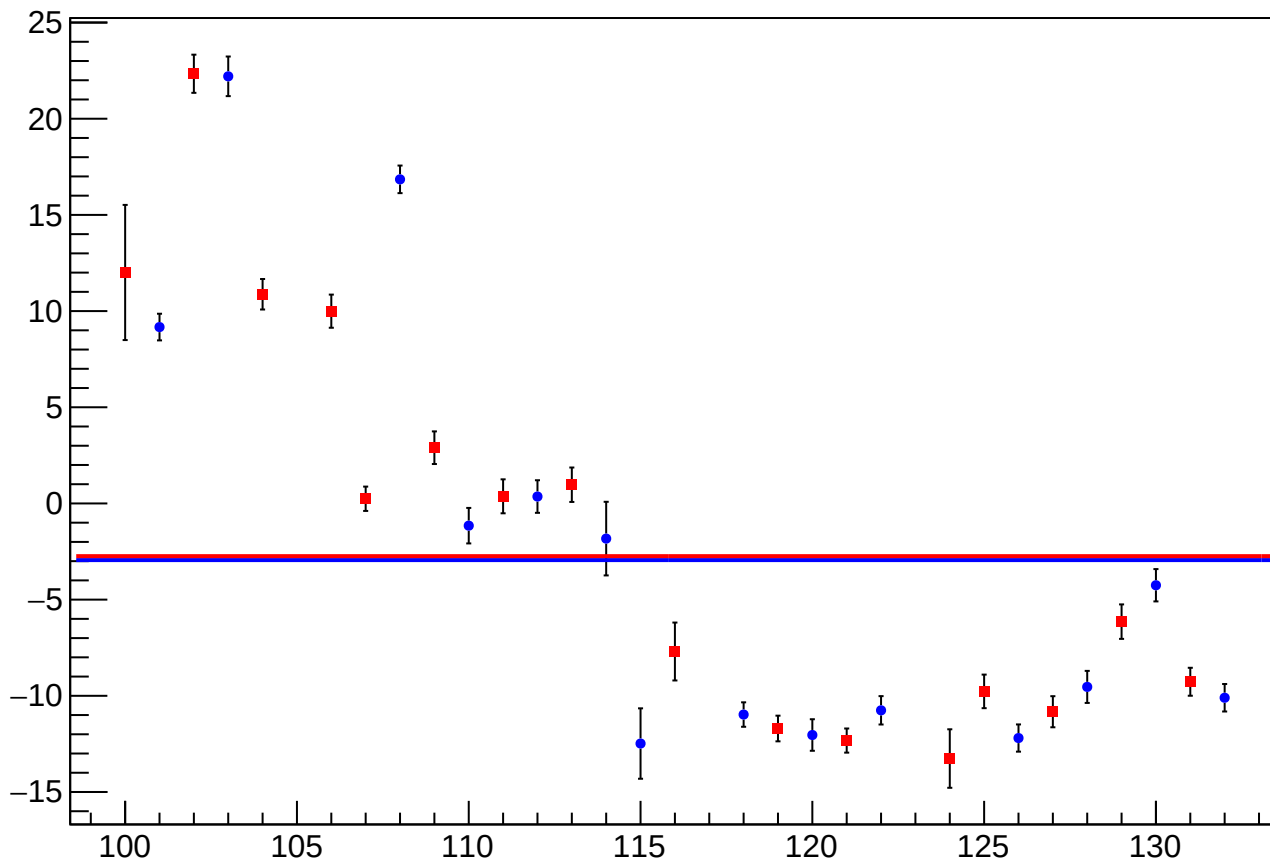
Right: -9.396 ± 0.140 χ^2/NDF : 754.2/29

In: -10.641 ± 0.201 χ^2/NDF : 179.6/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.396 ± 0.140 χ^2/NDF : 754.2/29

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.945+/-0.220 χ^2/NDF : 2441.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.740+/-0.213 χ^2/NDF : 1999.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

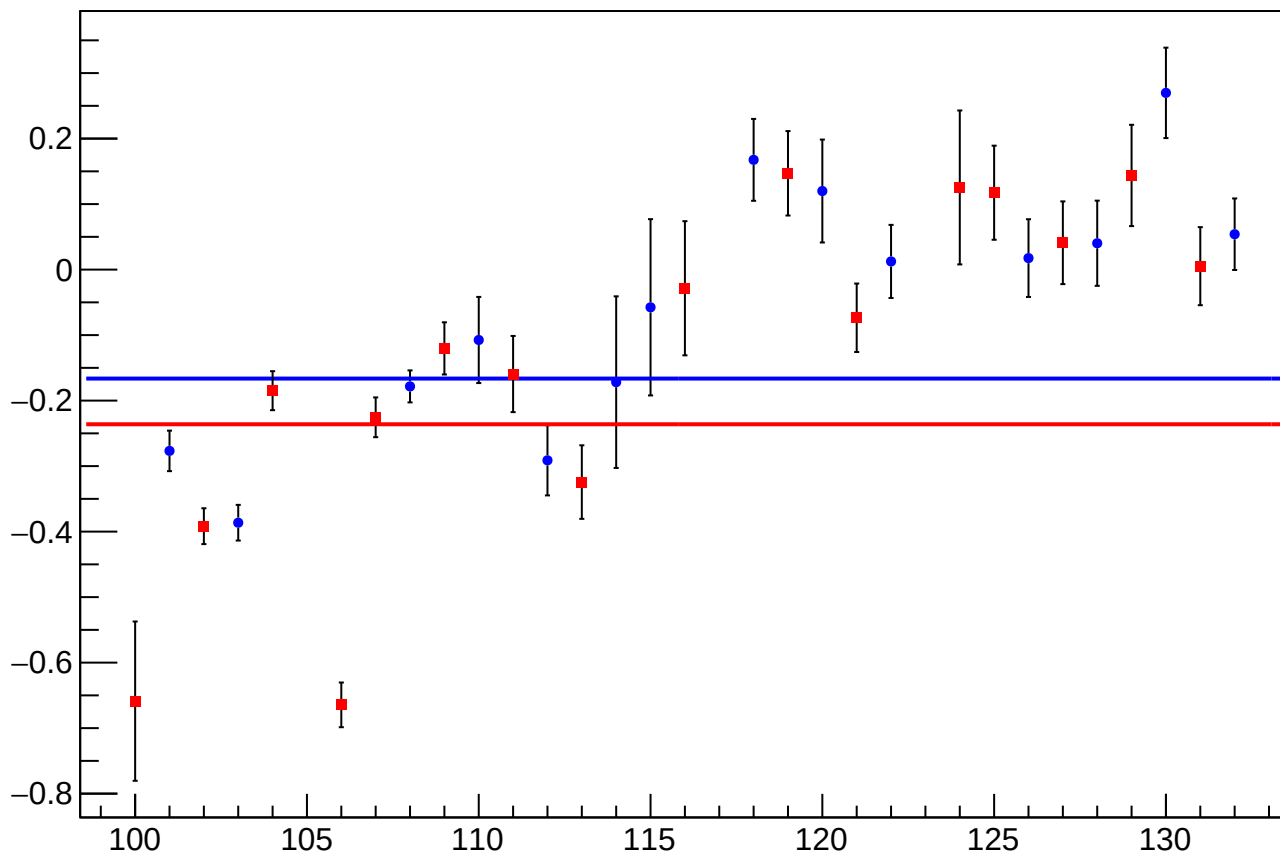
Right: -2.839+/-0.153 χ^2/NDF : 4441.2/29

In: -2.945+/-0.220 χ^2/NDF :2441.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.839+/-0.153 χ^2/NDF : 4441.2/29

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.166+/-0.012 χ^2/NDF : 213.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.236+/-0.012 χ^2/NDF : 360.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

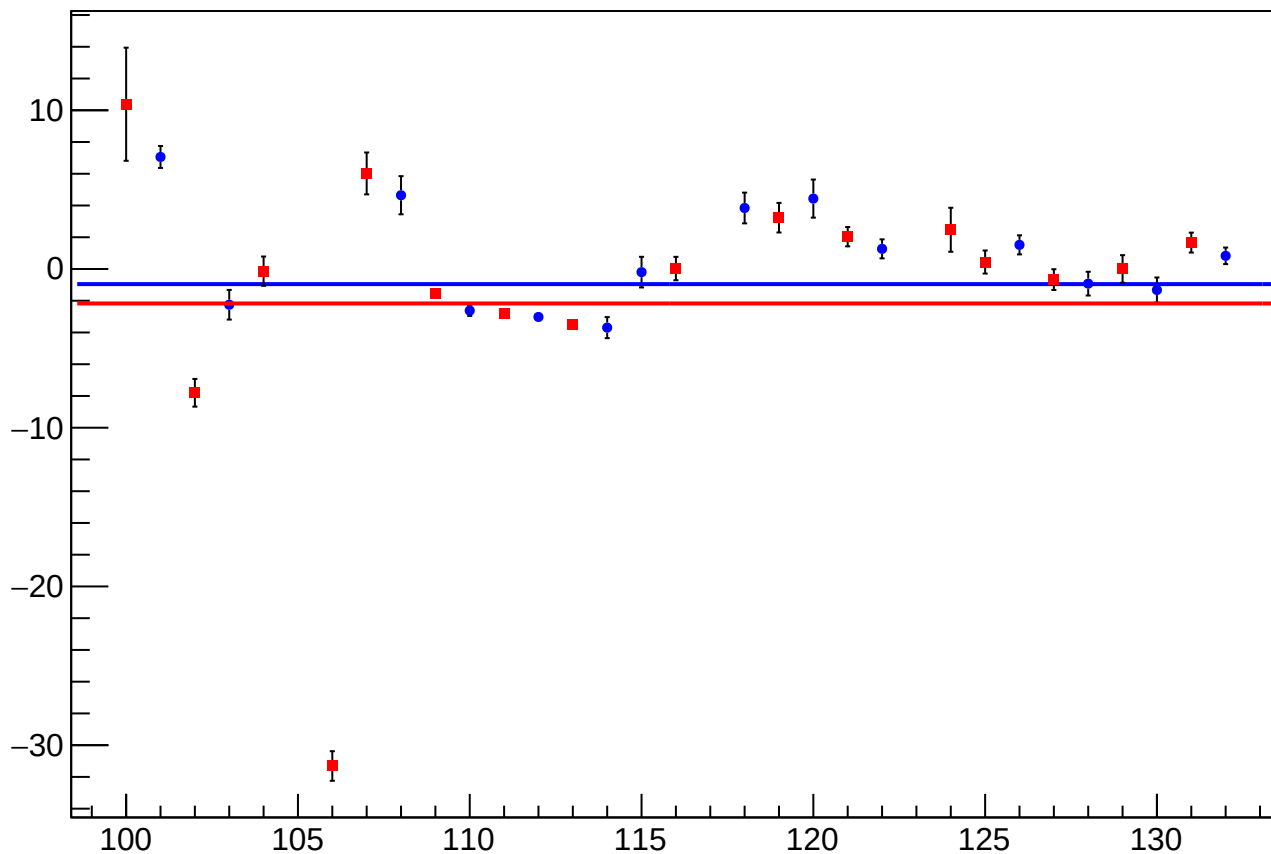
Right: -0.203+/-0.008 χ^2/NDF : 590.4/29

In: -0.166+/-0.012 χ^2/NDF : 213.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.203+/-0.008 χ^2/NDF : 590.4/29

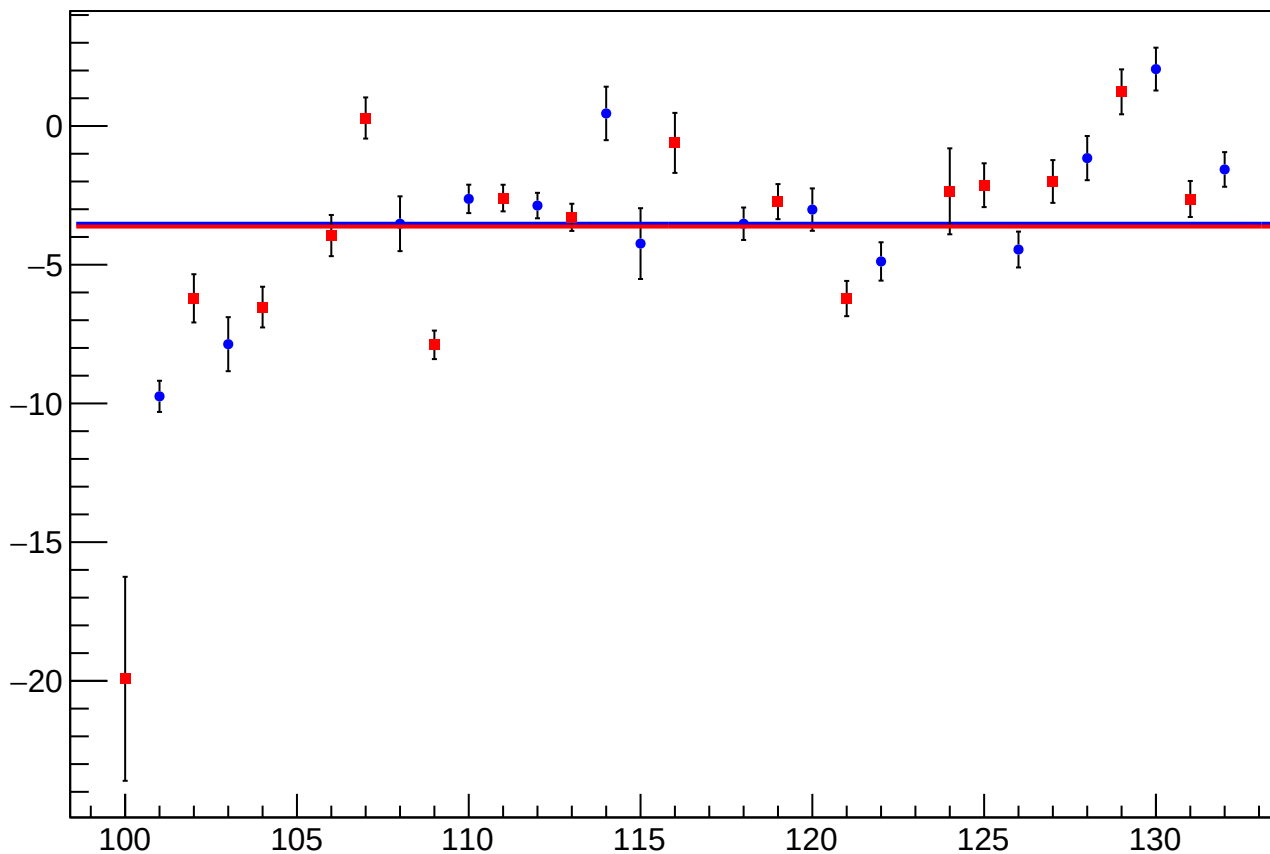
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.954 ± 0.152 χ^2/NDF : 343.2/13
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -2.172 ± 0.136 χ^2/NDF : 1266.1/15
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -1.628 ± 0.101 χ^2/NDF : 1645.1/29
 In: -0.954 ± 0.152 χ^2/NDF : 343.2/13
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -1.628 ± 0.101 χ^2/NDF : 1645.1/29

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.523+/-0.181 χ^2/NDF : 242.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.624+/-0.175 χ^2/NDF : 219.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

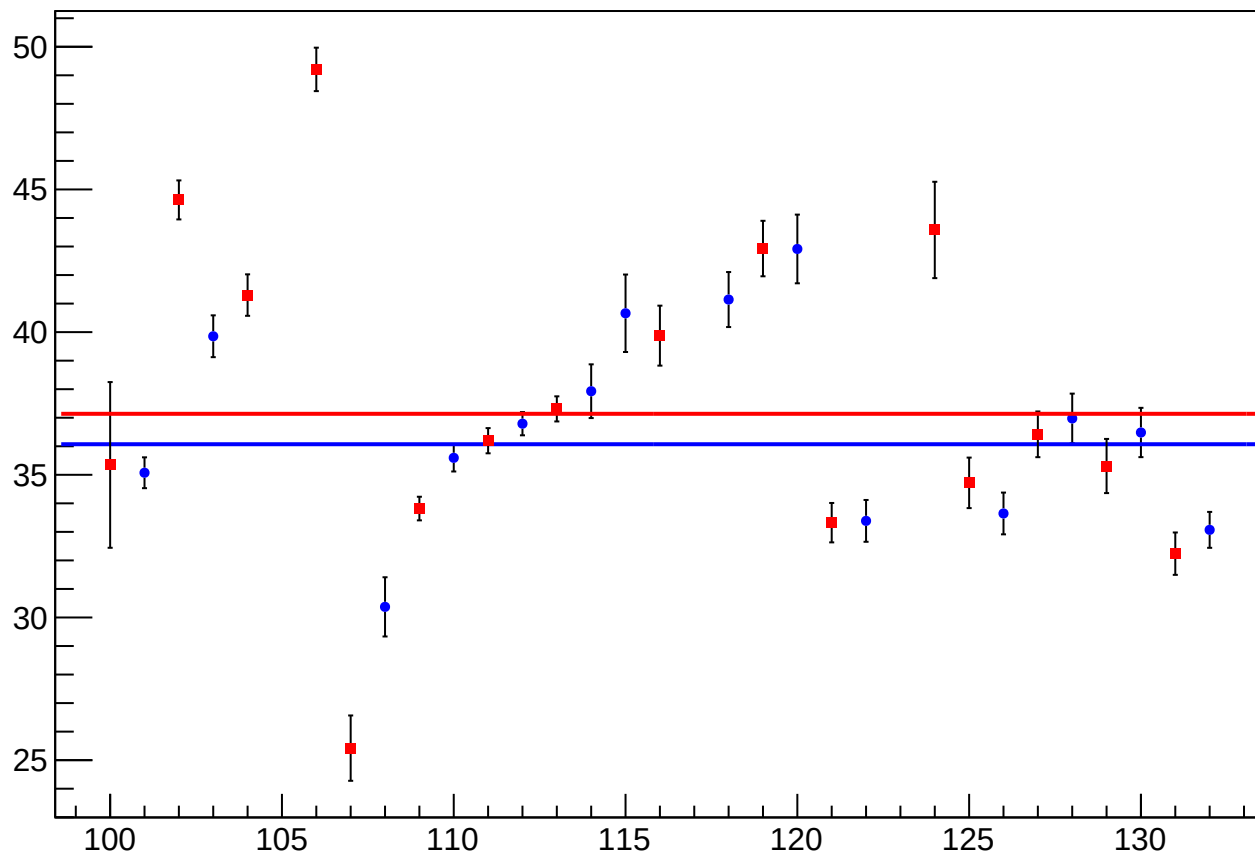
Right: -3.575+/-0.126 χ^2/NDF : 461.8/29

In: -3.523+/-0.181 χ^2/NDF : 242.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.575+/-0.126 χ^2/NDF : 461.8/29

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 36.071+/-0.186 χ^2/NDF : 188.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.138+/-0.174 χ^2/NDF : 721.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

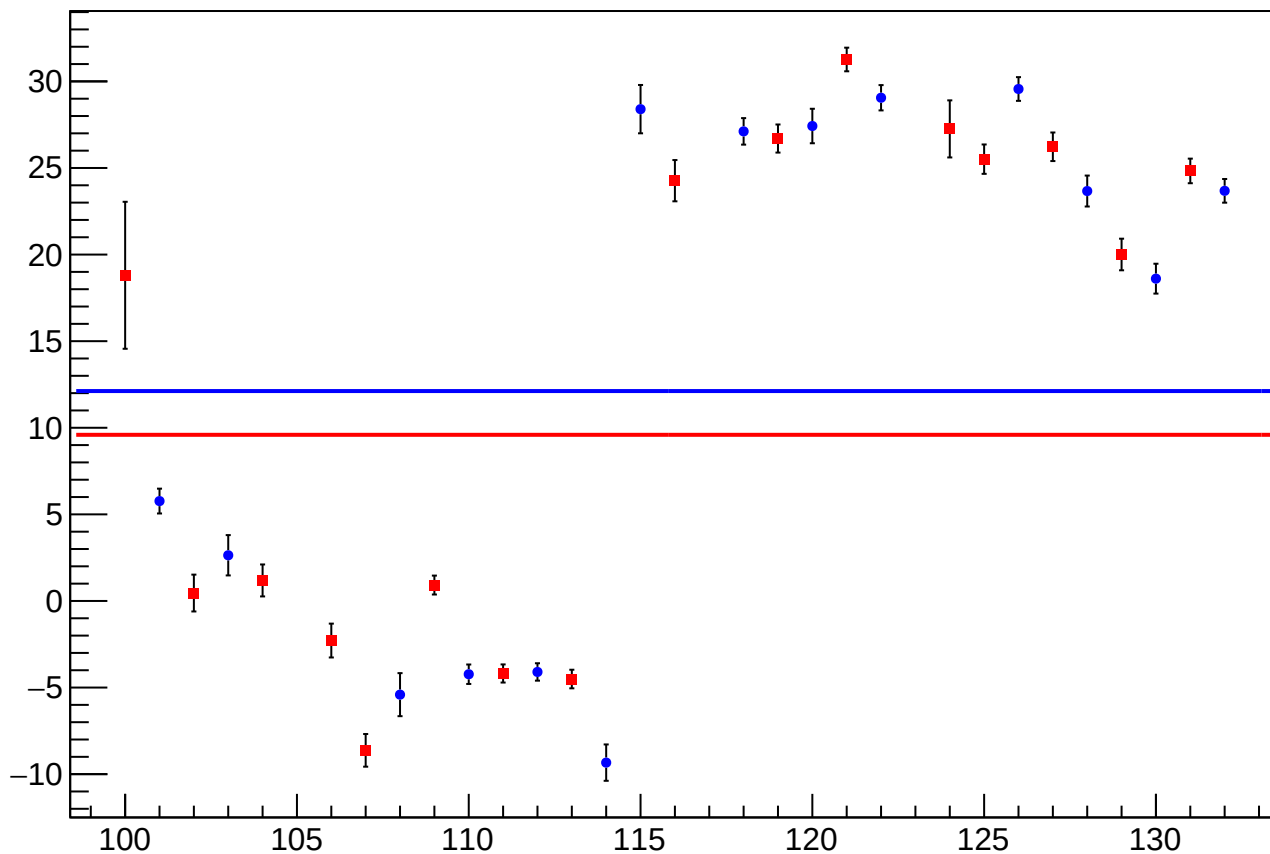
Right: 36.639+/-0.127 χ^2/NDF : 927.2/29

In: 36.071+/-0.186 χ^2/NDF : 188.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.639+/-0.127 χ^2/NDF : 927.2/29

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 12.120+/-0.207 χ^2/NDF : 5103.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.593+/-0.198 χ^2/NDF : 5390.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

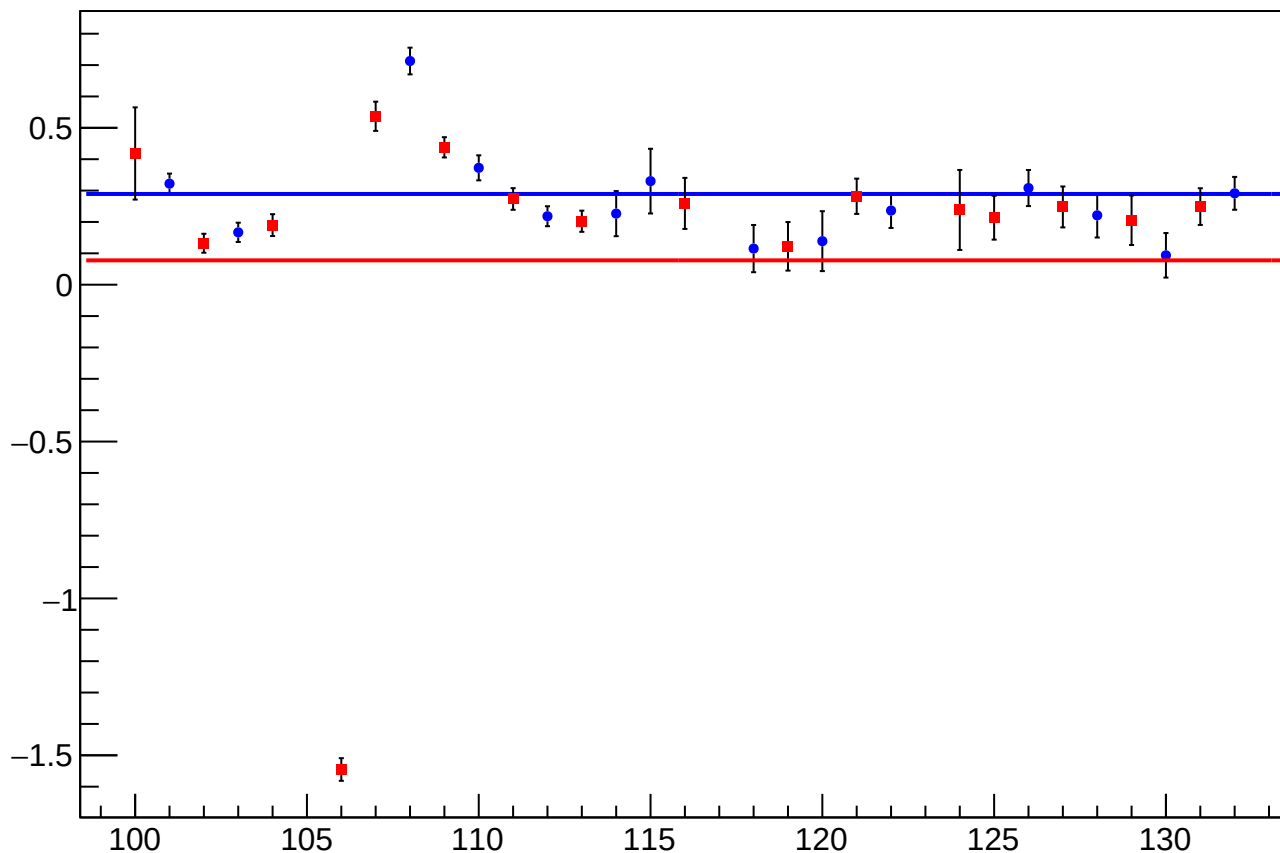
Right: 10.799+/-0.143 χ^2/NDF : 10571.7/29

In: 12.120+/-0.207 χ^2/NDF : 5103.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.799+/-0.143 χ^2/NDF : 10571.7/29

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.289+/-0.013 χ^2/NDF : 143.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.078+/-0.012 χ^2/NDF : 2352.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

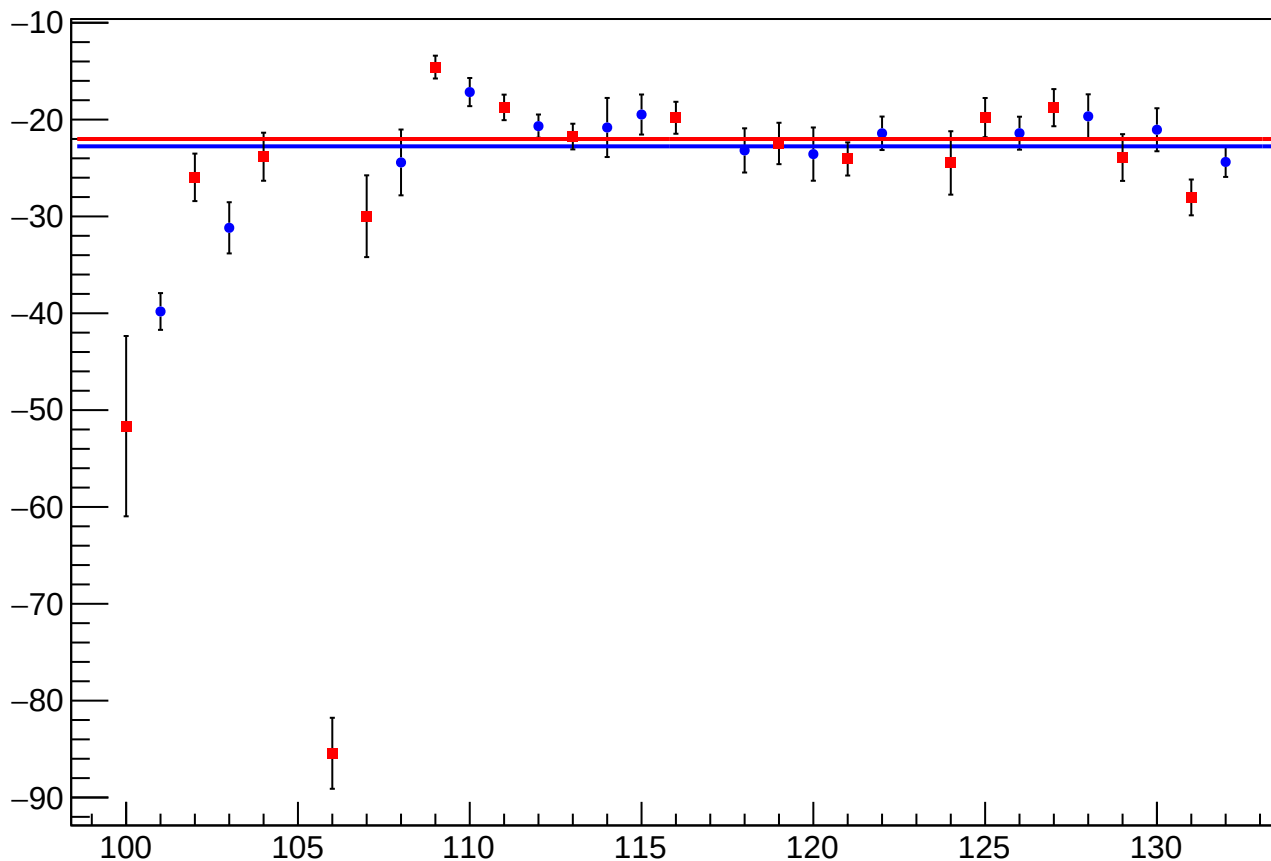
Right: 0.173+/-0.009 χ^2/NDF : 2647.4/29

In: 0.289+/-0.013 χ^2/NDF : 143.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.173+/-0.009 χ^2/NDF : 2647.4/29

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -22.762±/0.511 χ^2/NDF : 116.8/13

Left Out: 0.000±/0.000 χ^2/NDF :0.0/0

Right Out: -22.005±/0.480 χ^2/NDF : 381.2/15

Left In: 0.000±/0.000 χ^2/NDF :0.0/0

Left: 0.000±/0.000 χ^2/NDF : 0.0/0

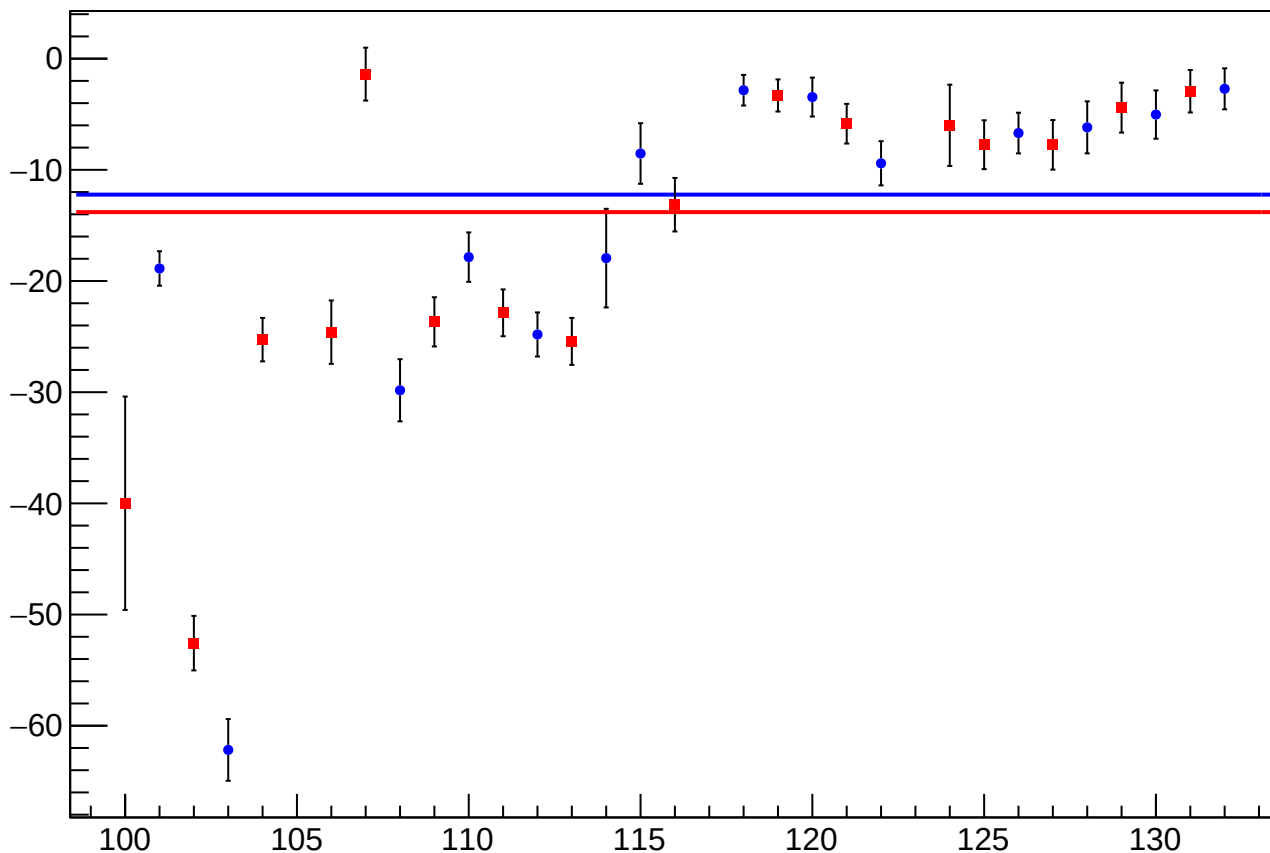
Right: -22.360±/0.350 χ^2/NDF : 499.2/29

In: -22.762±/0.511 χ^2/NDF :116.8/13

Out: 0.000±/0.000 χ^2/NDF :0.0/0

All: -22.360±/0.350 χ^2/NDF : 499.2/29

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.230 ± 0.541 χ^2/NDF : 558.6/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -13.803 ± 0.549 χ^2/NDF : 544.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

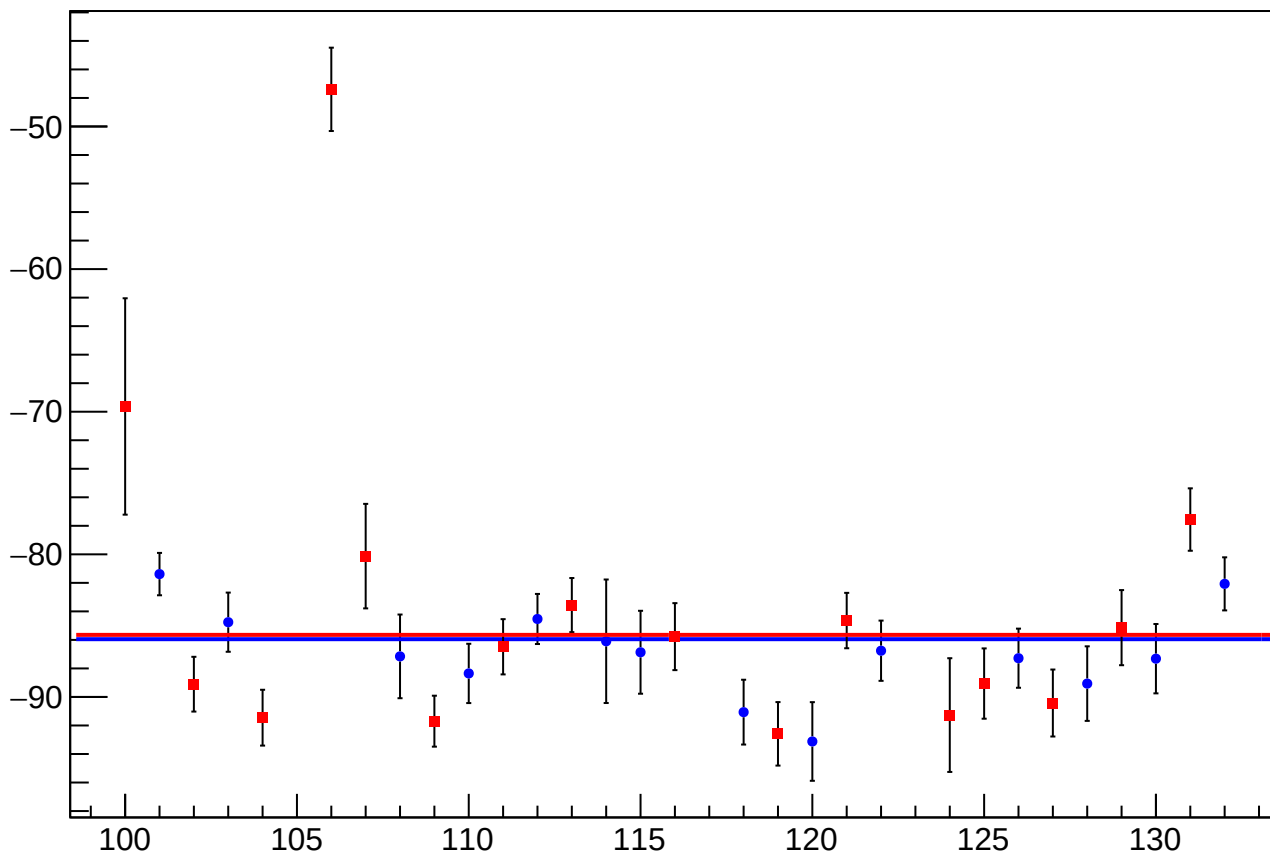
Right: -13.005 ± 0.386 χ^2/NDF : 1106.8/29

In: -12.230 ± 0.541 χ^2/NDF : 558.6/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.005 ± 0.386 χ^2/NDF : 1106.8/29

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -85.949 ± 0.586 χ^2/NDF : 30.5/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -85.647 ± 0.576 χ^2/NDF : 234.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

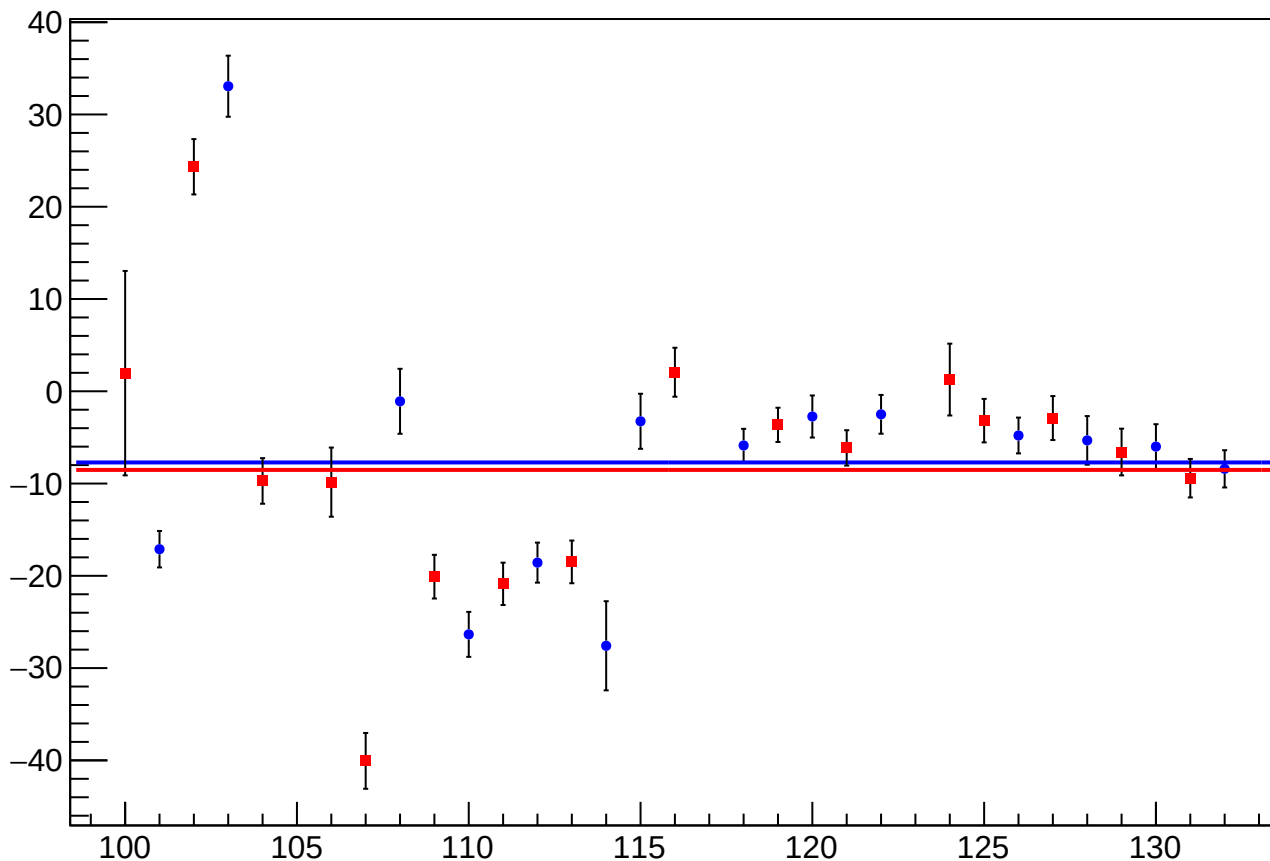
Right: -85.796 ± 0.411 χ^2/NDF : 265.4/29

In: -85.949 ± 0.586 χ^2/NDF : 30.5/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -85.796 ± 0.411 χ^2/NDF : 265.4/29

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -7.714 ± 0.630 χ^2/NDF : 296.3/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.523 ± 0.629 χ^2/NDF : 343.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

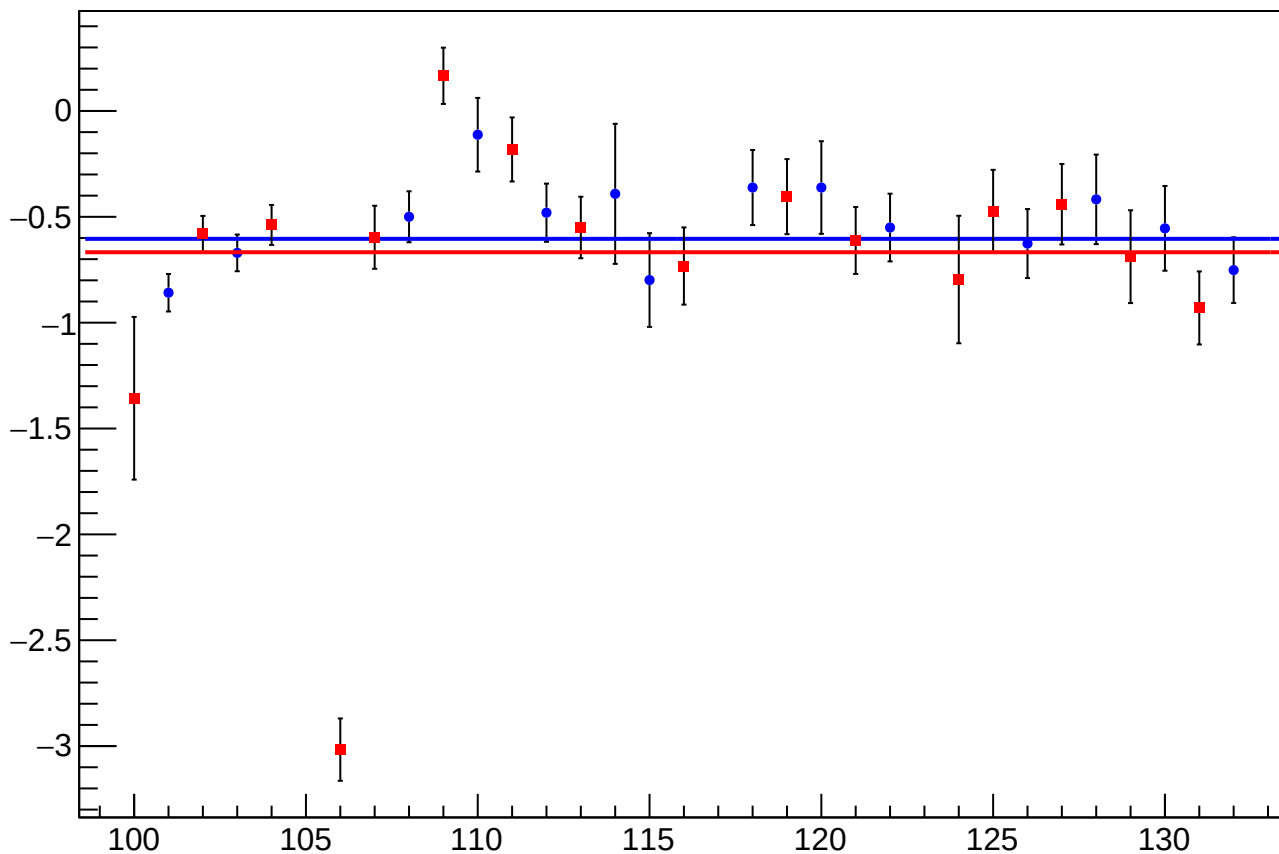
Right: -8.119 ± 0.445 χ^2/NDF : 640.7/29

In: -7.714 ± 0.630 χ^2/NDF : 296.3/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.119 ± 0.445 χ^2/NDF : 640.7/29

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.604 ± 0.039 χ^2/NDF : 24.5/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.667 ± 0.037 χ^2/NDF : 318.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

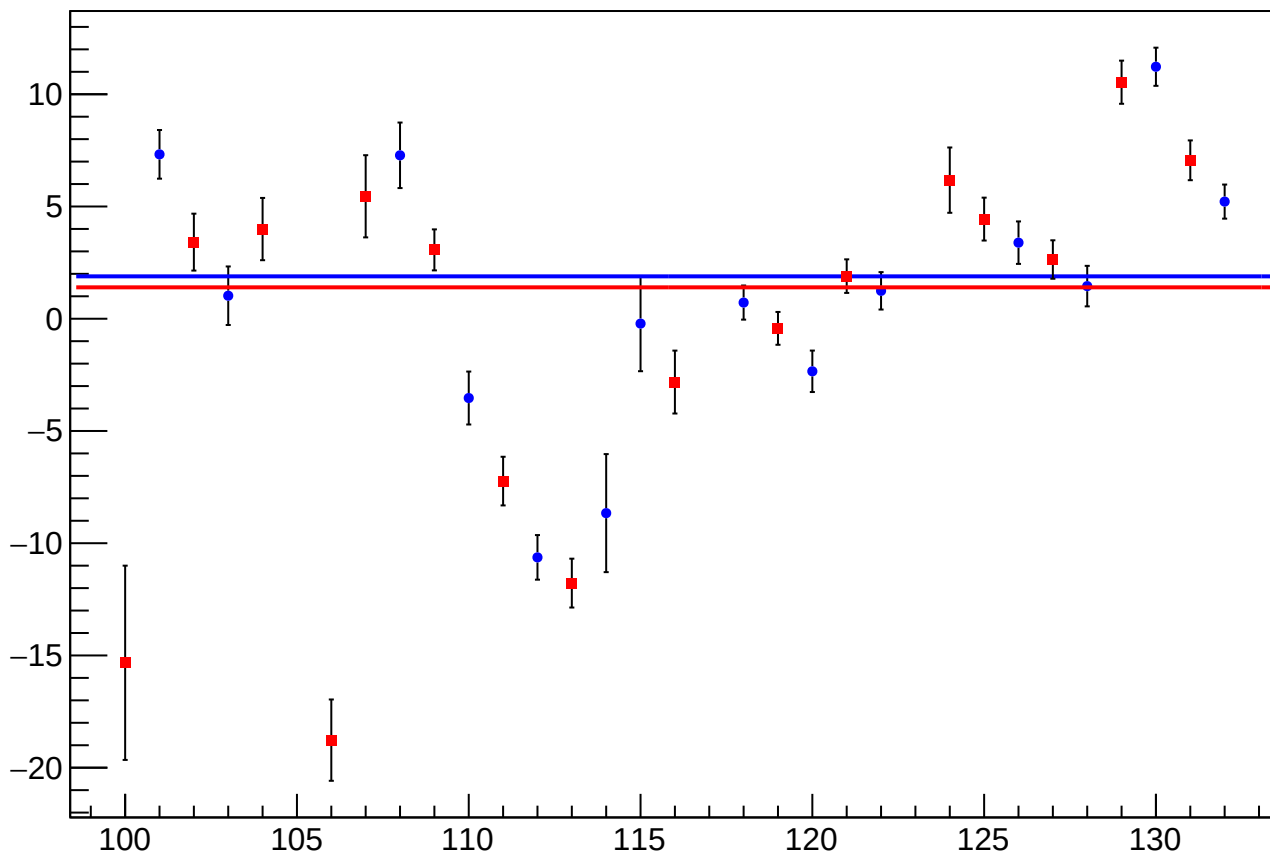
Right: -0.637 ± 0.027 χ^2/NDF : 344.6/29

In: -0.604 ± 0.039 χ^2/NDF : 24.5/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.637 ± 0.027 χ^2/NDF : 344.6/29

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.888 $\pm$ 0.269 χ^2 /NDF: 402.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.399 $\pm$ 0.266 χ^2 /NDF: 533.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

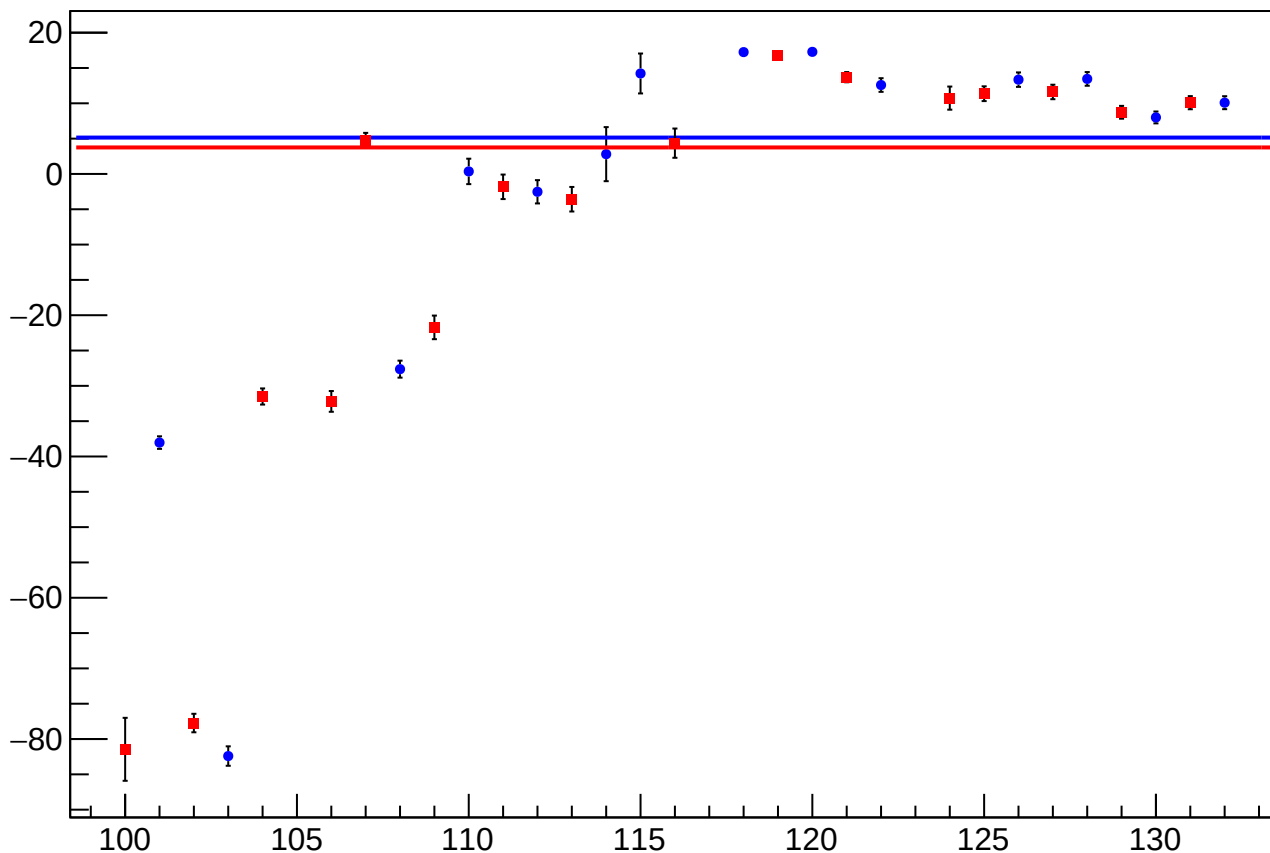
Right: 1.640 $\pm$ 0.189 χ^2 /NDF: 937.7/29

In: 1.888 $\pm$ 0.269 χ^2 /NDF:402.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.640 $\pm$ 0.189 χ^2 /NDF: 937.7/29

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.149+/-0.245 χ^2/NDF : 8544.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3.752+/-0.258 χ^2/NDF : 7208.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

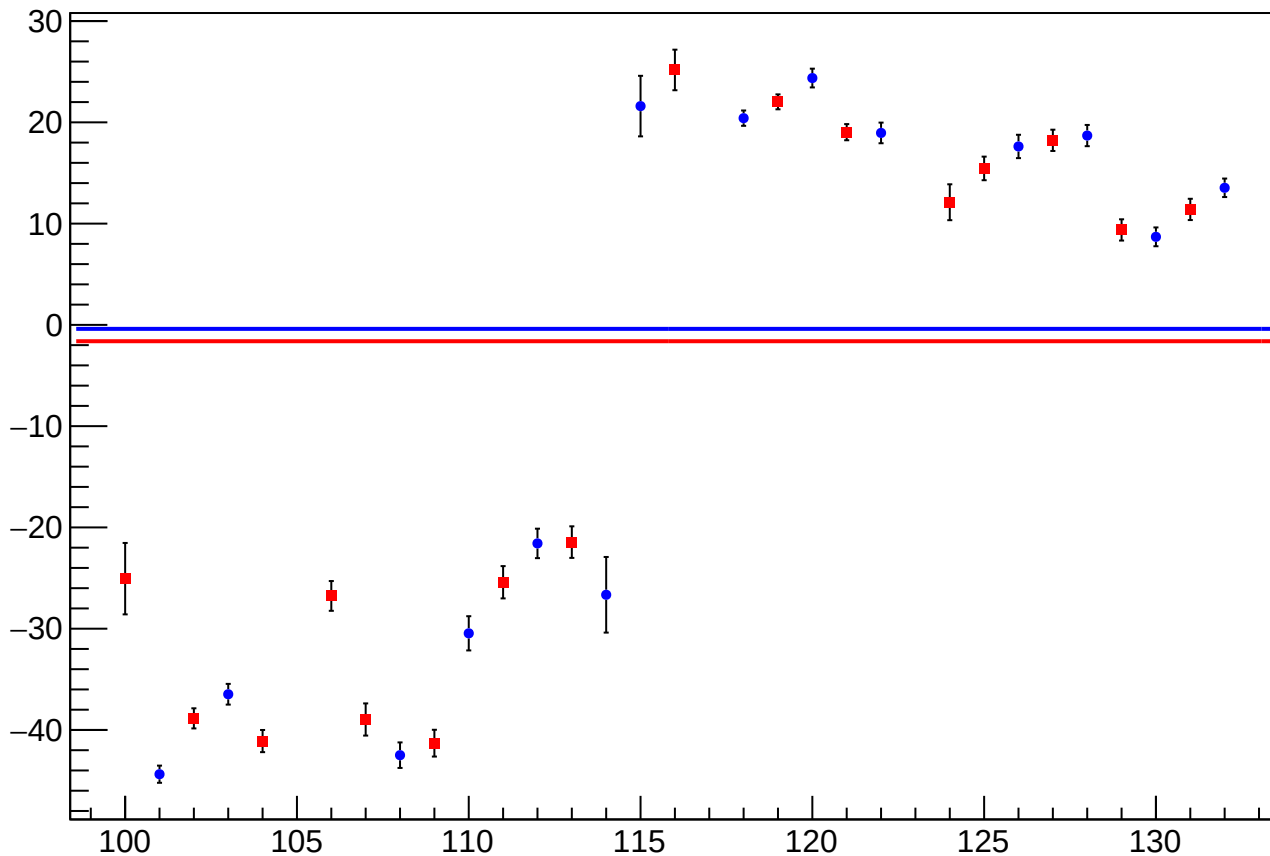
Right: 4.486+/-0.178 χ^2/NDF : 15767.7/29

In: 5.149+/-0.245 χ^2/NDF :8544.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4.486+/-0.178 χ^2/NDF : 15767.7/29

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.393+/-0.290 χ^2/NDF : 8413.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.614+/-0.294 χ^2/NDF : 7653.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

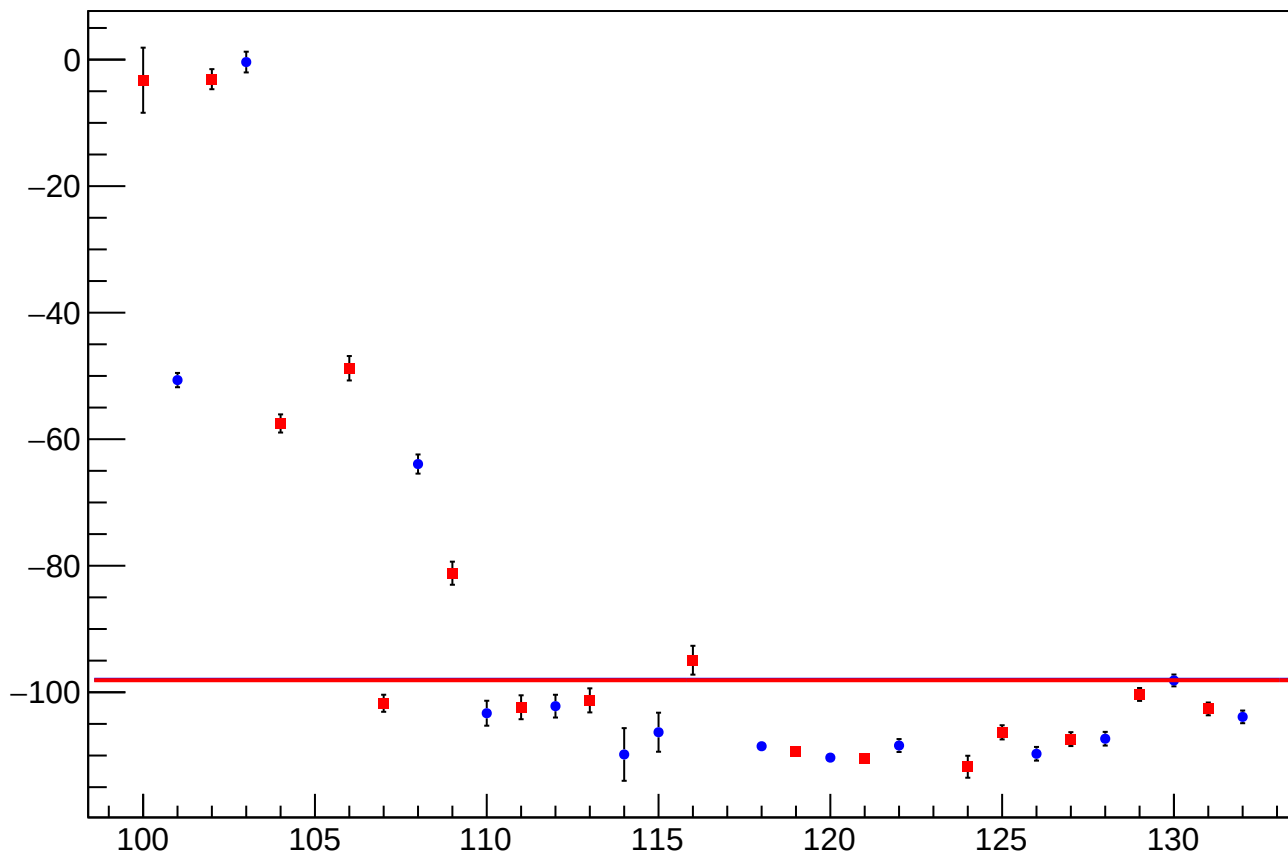
Right: -0.996+/-0.206 χ^2/NDF : 16075.3/29

In: -0.393+/-0.290 χ^2/NDF :8413.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.996+/-0.206 χ^2/NDF : 16075.3/29

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -98.024 $\pm$ 0.293 χ^2 /NDF: 6731.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -98.098 $\pm$ 0.301 χ^2 /NDF: 6283.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

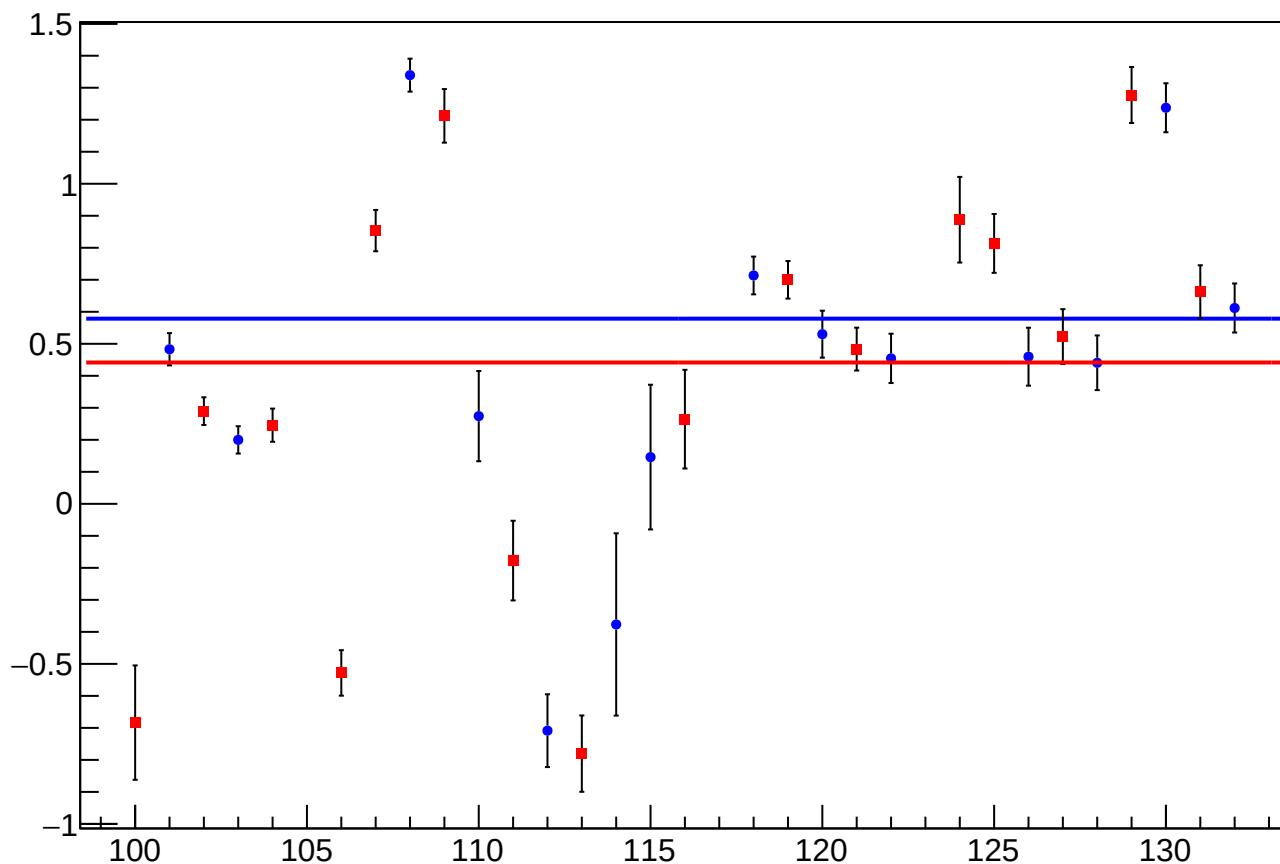
Right: -98.060 $\pm$ 0.210 χ^2 /NDF: 13014.9/29

In: -98.024 $\pm$ 0.293 χ^2 /NDF:6731.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -98.060 $\pm$ 0.210 χ^2 /NDF: 13014.9/29

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.579 $\pm$ 0.019 χ^2 /NDF: 535.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.442 $\pm$ 0.019 χ^2 /NDF: 655.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

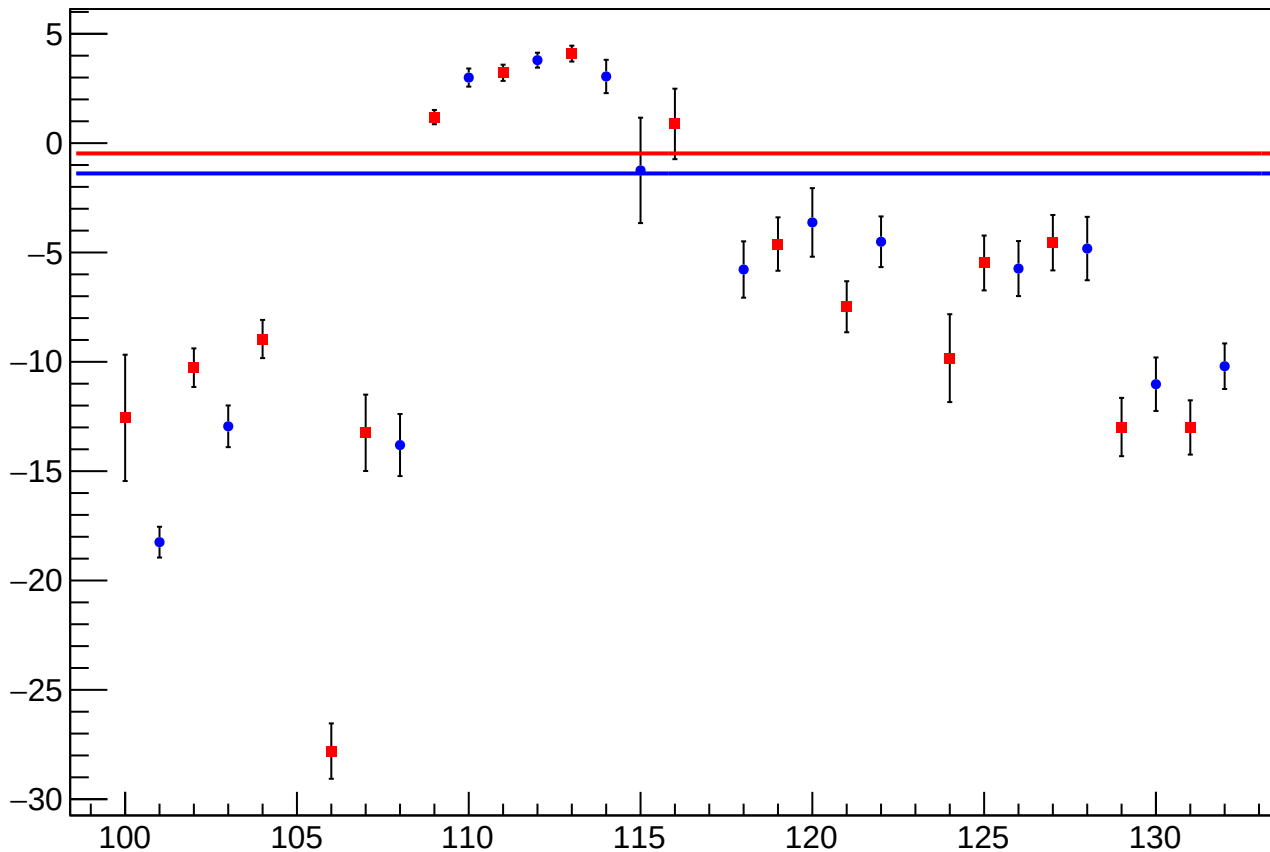
Right: 0.509 $\pm$ 0.013 χ^2 /NDF: 1216.8/29

In: 0.579 $\pm$ 0.019 χ^2 /NDF:535.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.509 $\pm$ 0.013 χ^2 /NDF: 1216.8/29

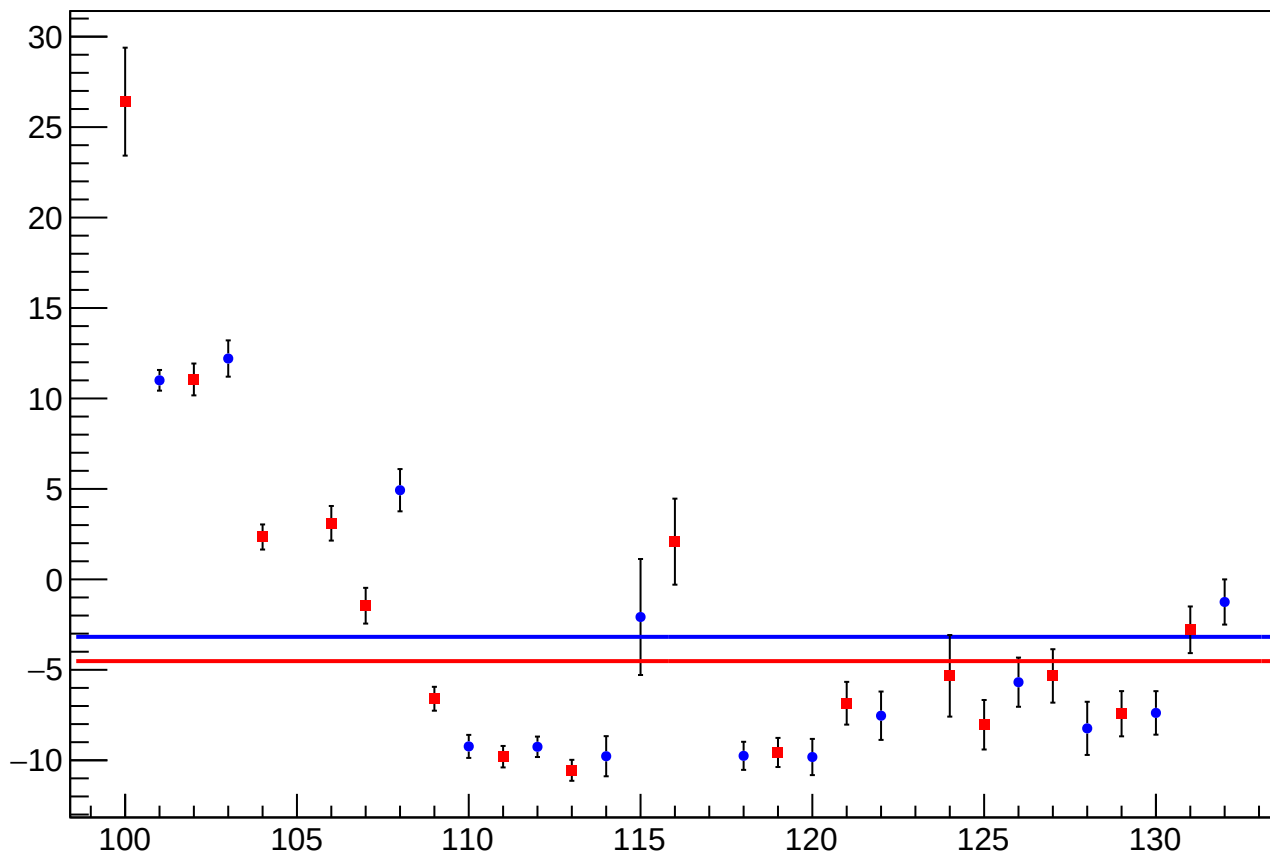
reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.386+/-0.202 χ^2/NDF : 1346.6/13
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -0.470+/-0.176 χ^2/NDF : 1323.7/15
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.864+/-0.133 χ^2/NDF : 2682.1/29
 In: -1.386+/-0.202 χ^2/NDF :1346.6/13
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -0.864+/-0.133 χ^2/NDF : 2682.1/29

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.177+/-0.244 χ^2/NDF : 1296.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.519+/-0.232 χ^2/NDF : 854.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

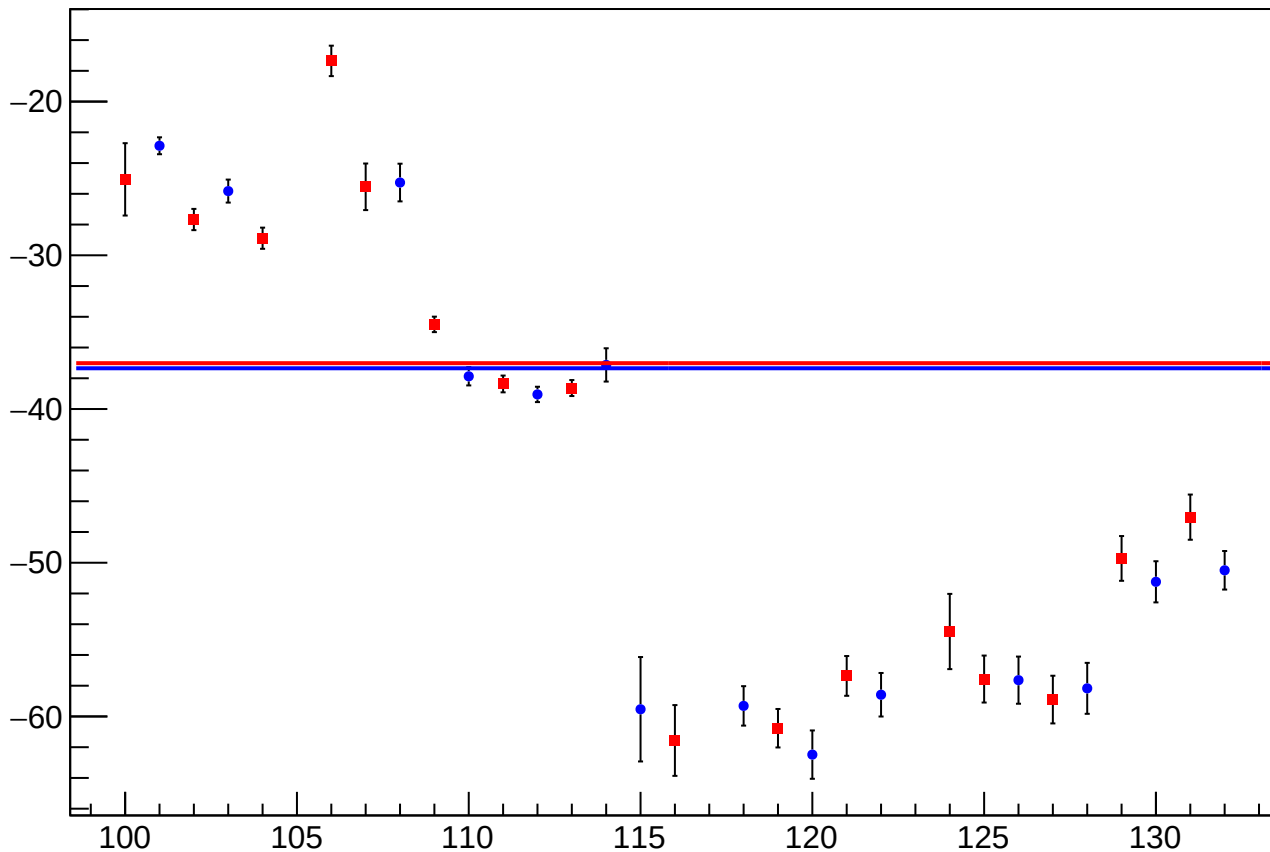
Right: -3.881+/-0.168 χ^2/NDF : 2166.6/29

In: -3.177+/-0.244 χ^2/NDF : 1296.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.881+/-0.168 χ^2/NDF : 2166.6/29

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -37.350+/-0.242 χ^2/NDF : 2405.6/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -37.018+/-0.222 χ^2/NDF : 2115.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

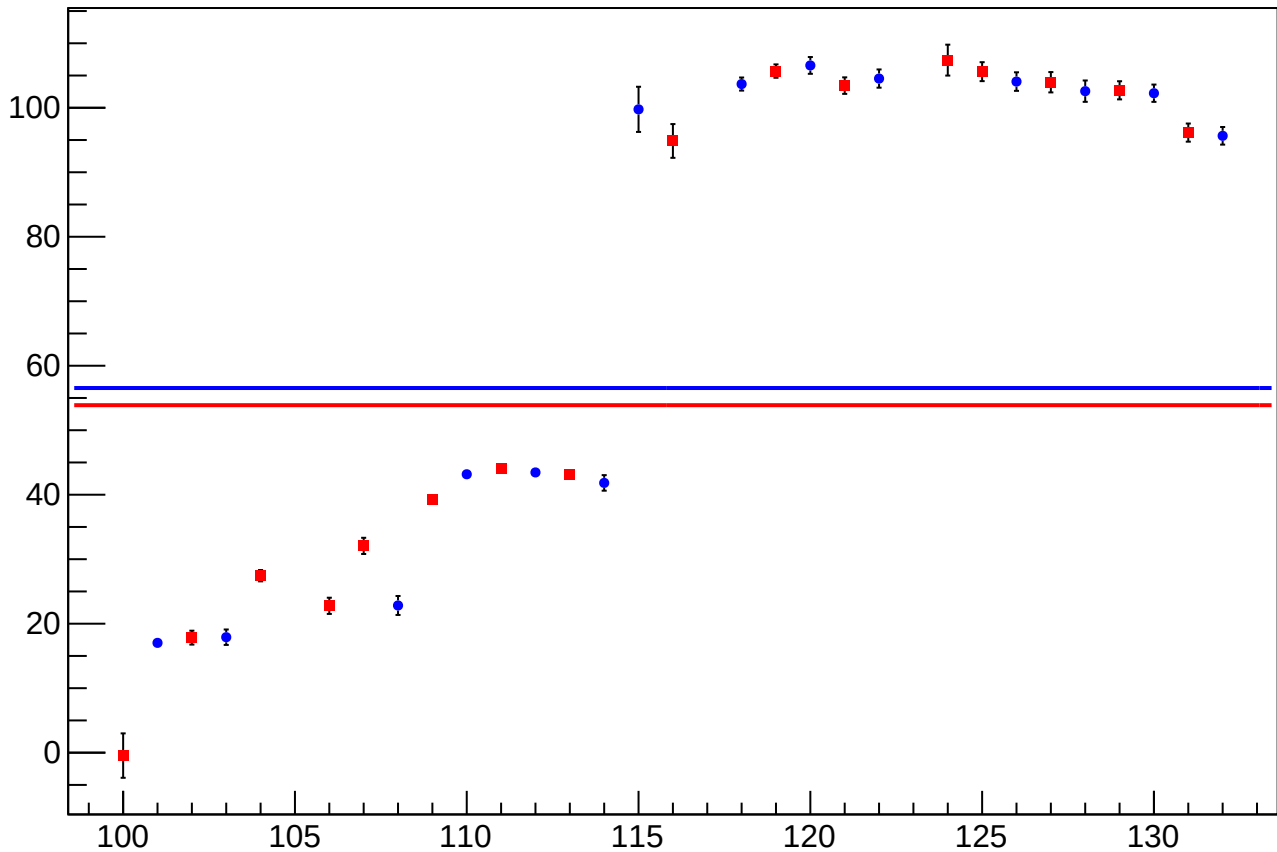
Right: -37.170+/-0.164 χ^2/NDF : 4521.8/29

In: -37.350+/-0.242 χ^2/NDF :2405.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -37.170+/-0.164 χ^2/NDF : 4521.8/29

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 56.545+/-0.283 χ^2/NDF : 14261.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.883+/-0.265 χ^2/NDF : 13264.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

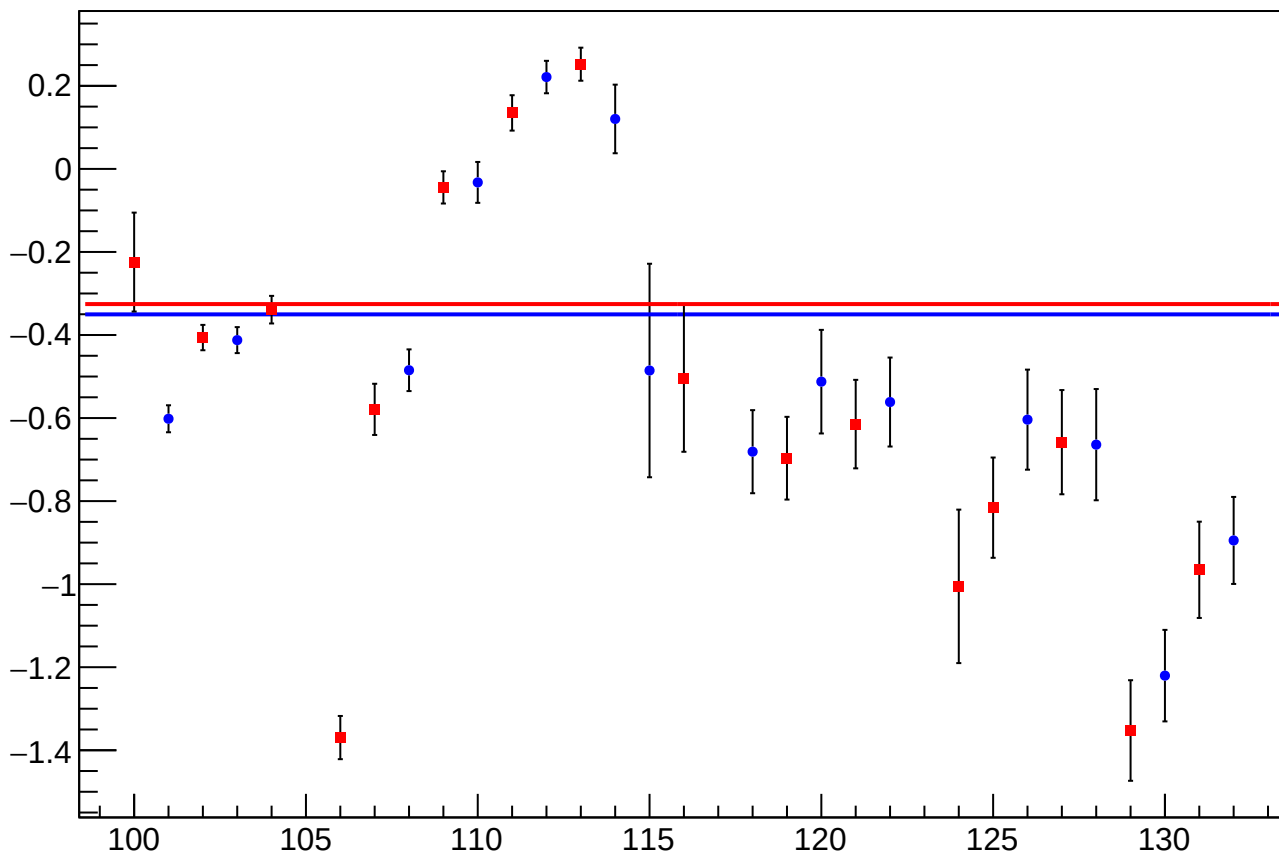
Right: 55.129+/-0.193 χ^2/NDF : 27572.4/29

In: 56.545+/-0.283 χ^2/NDF : 14261.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.129+/-0.193 χ^2/NDF : 27572.4/29

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.350+/-0.016 χ^2/NDF : 475.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.326+/-0.014 χ^2/NDF : 968.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

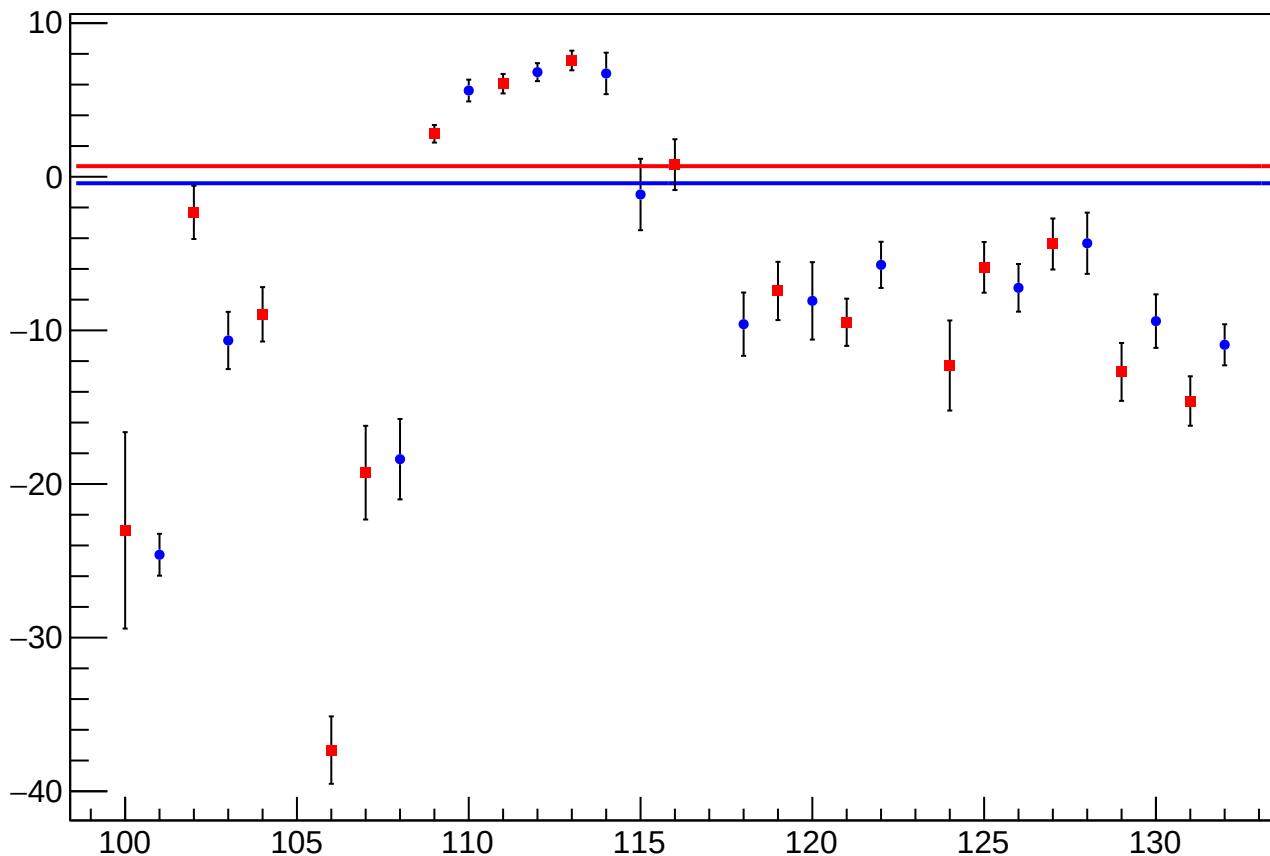
Right: -0.337+/-0.010 χ^2/NDF : 1445.4/29

In: -0.350+/-0.016 χ^2/NDF :475.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.337+/-0.010 χ^2/NDF : 1445.4/29

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.422+/-0.333 χ^2/NDF : 799.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.691+/-0.294 χ^2/NDF : 838.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

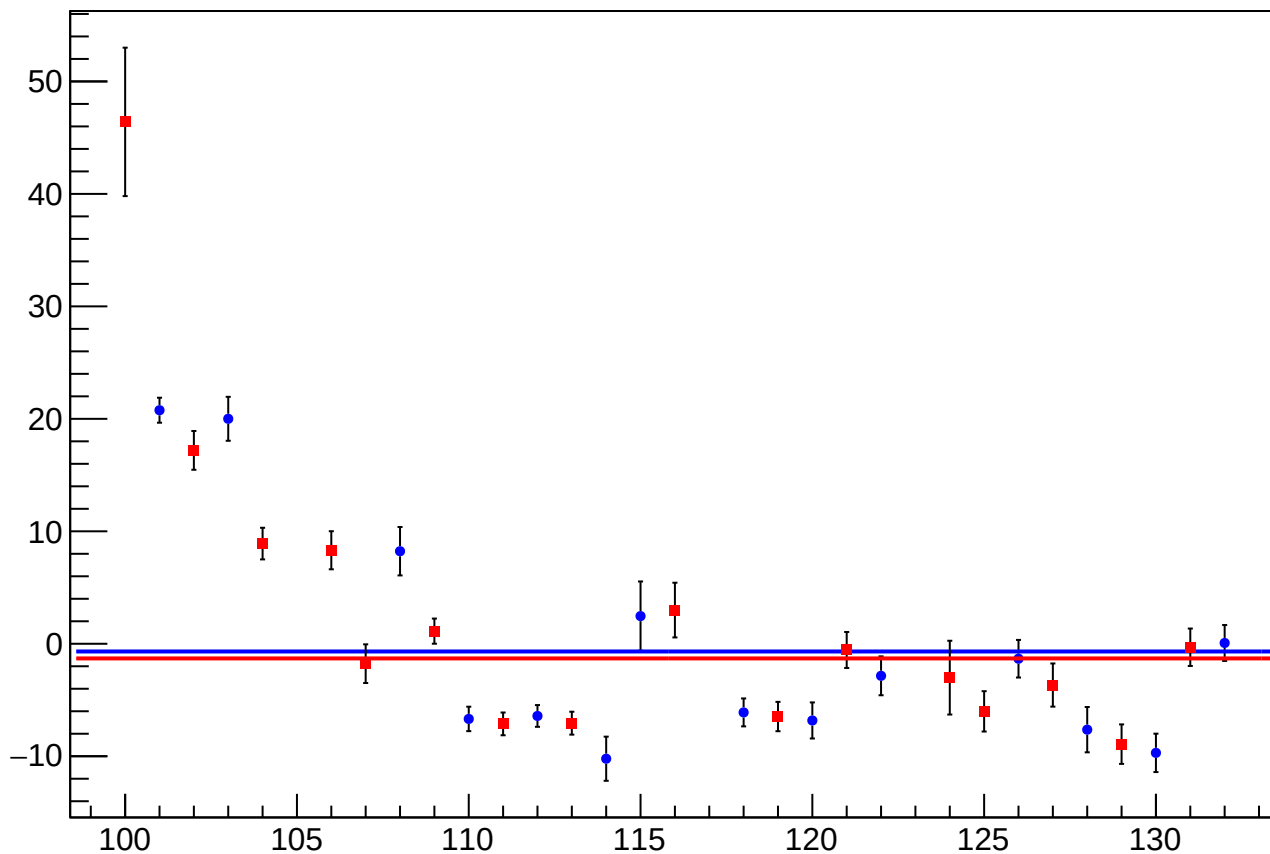
Right: 0.204+/-0.220 χ^2/NDF : 1643.7/29

In: -0.422+/-0.333 χ^2/NDF : 799.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.204+/-0.220 χ^2/NDF : 1643.7/29

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.685 ± 0.399 χ^2/NDF : 667.7/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.304 ± 0.383 χ^2/NDF : 369.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

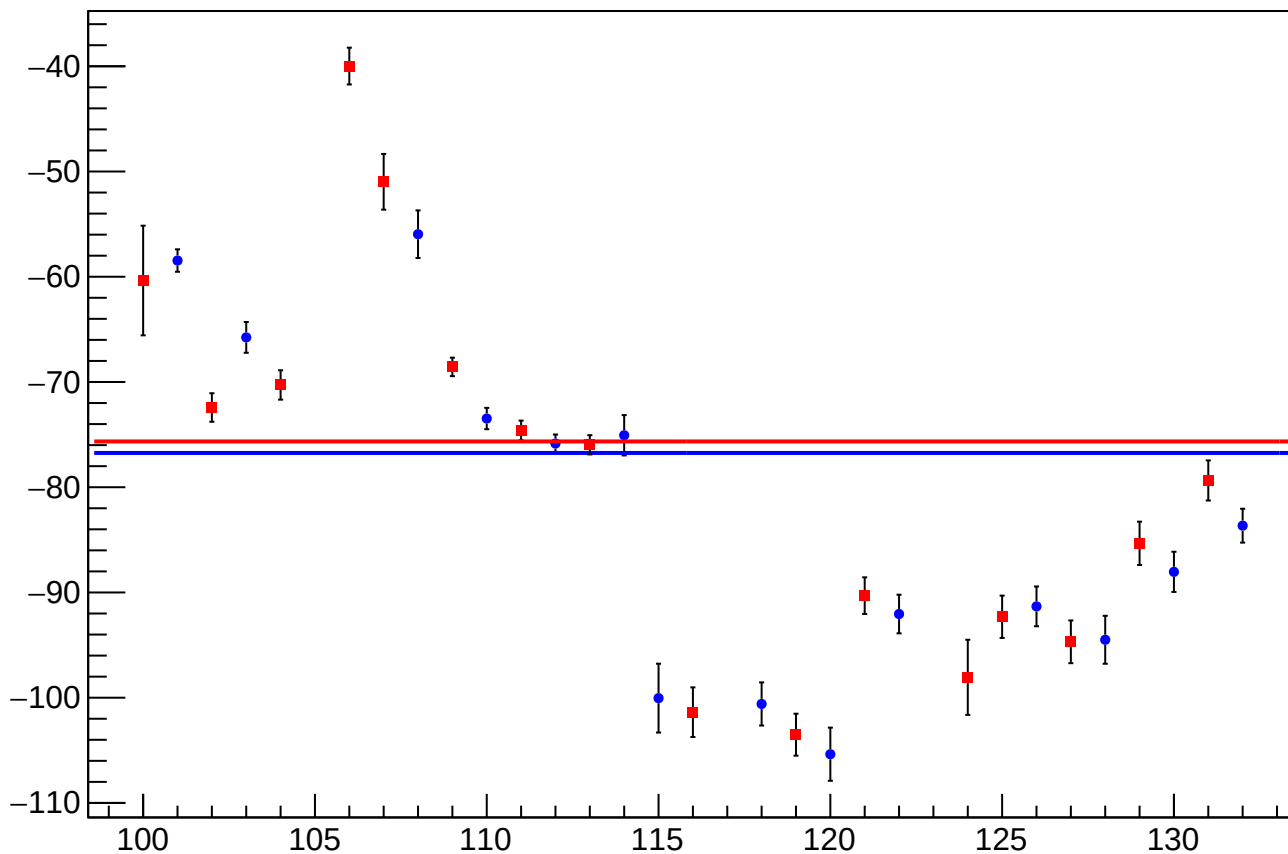
Right: -1.006 ± 0.276 χ^2/NDF : 1038.2/29

In: -0.685 ± 0.399 χ^2/NDF : 667.7/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.006 ± 0.276 χ^2/NDF : 1038.2/29

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.743 ± 0.406 χ^2/NDF : 1004.8/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -75.651 ± 0.377 χ^2/NDF : 1205.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

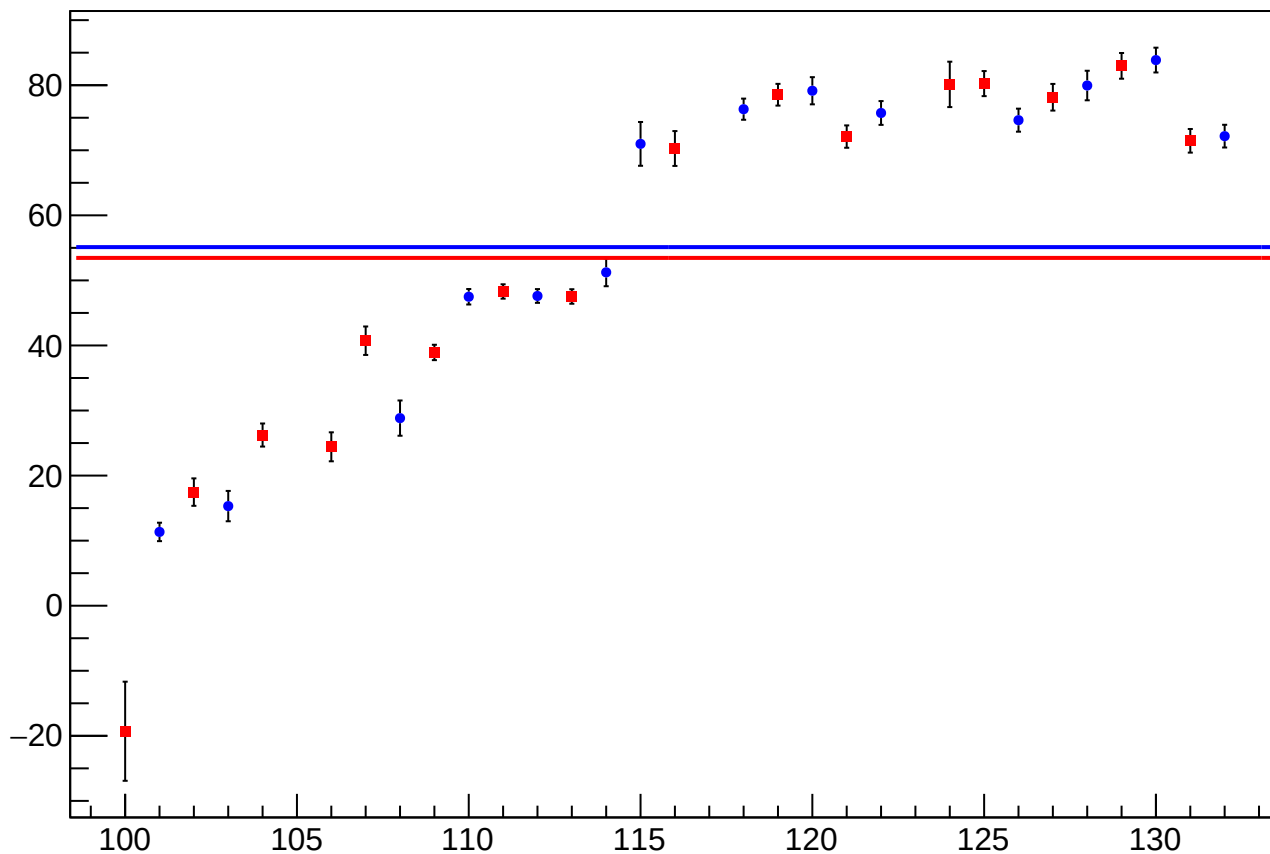
Right: -76.156 ± 0.276 χ^2/NDF : 2214.4/29

In: -76.743 ± 0.406 χ^2/NDF : 1004.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -76.156 ± 0.276 χ^2/NDF : 2214.4/29

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 55.115 $\pm$ 0.459 χ^2 /NDF: 2450.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 53.457 $\pm$ 0.435 χ^2 /NDF: 2123.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

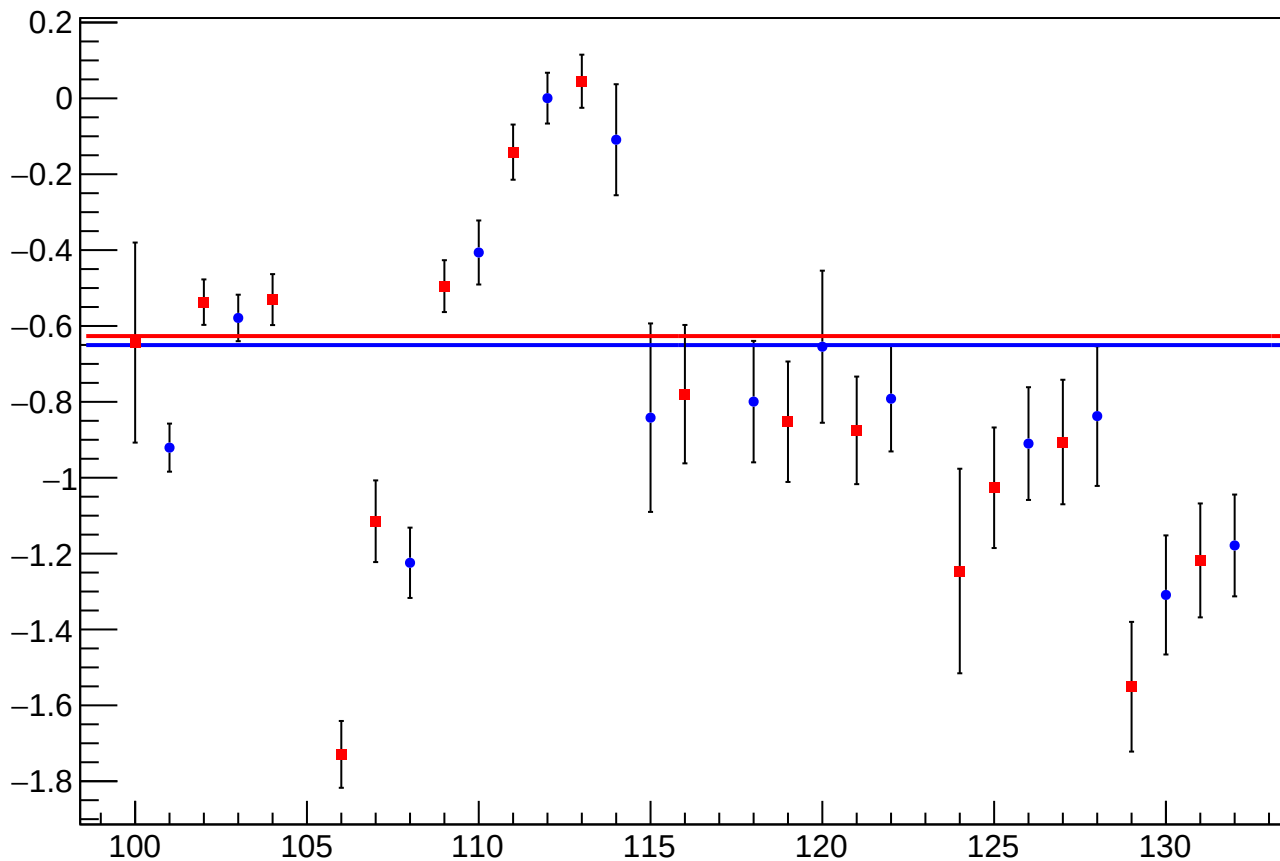
Right: 54.241 $\pm$ 0.316 χ^2 /NDF: 4580.9/29

In: 55.115 $\pm$ 0.459 χ^2 /NDF:2450.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 54.241 $\pm$ 0.316 χ^2 /NDF: 4580.9/29

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.650 ± 0.027 χ^2/NDF : 214.2/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.627 ± 0.025 χ^2/NDF : 386.8/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

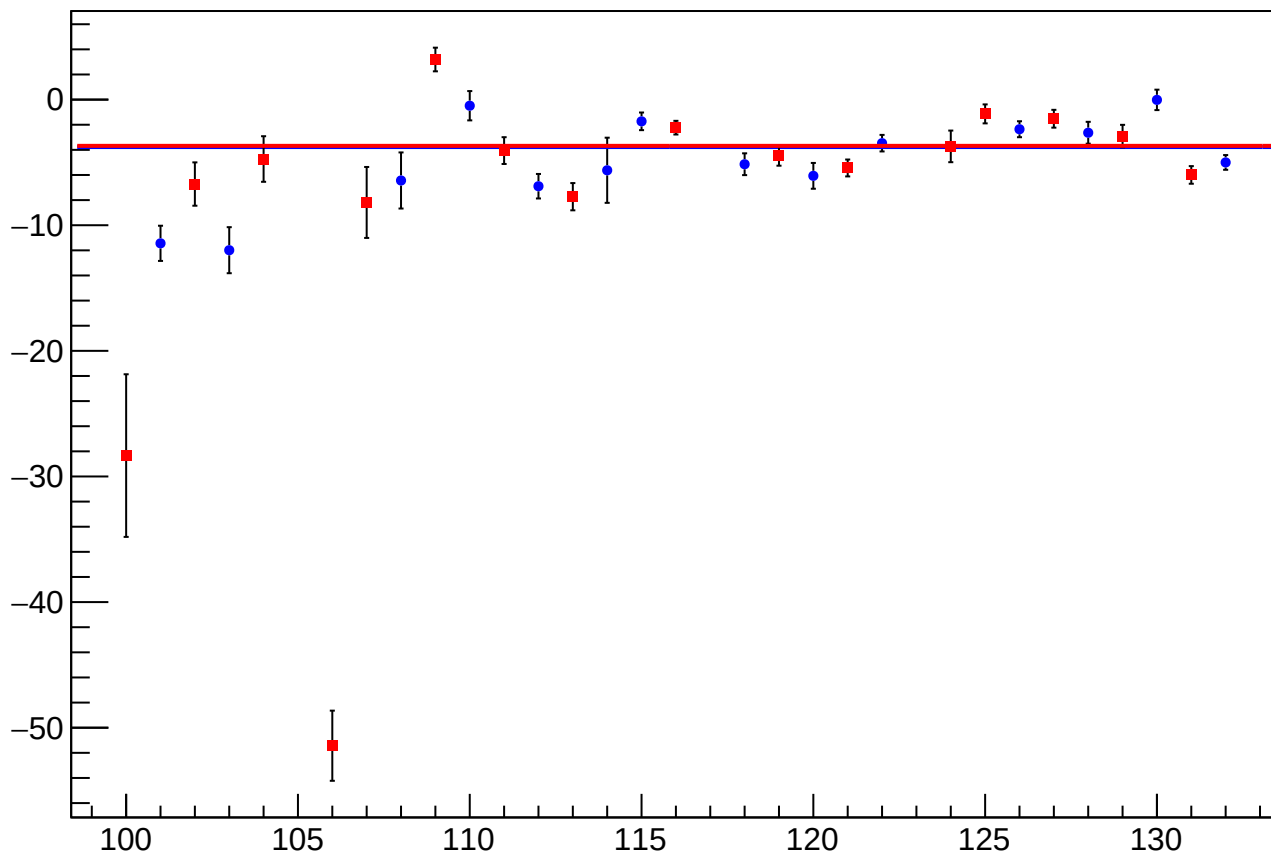
Right: -0.637 ± 0.018 χ^2/NDF : 601.4/29

In: -0.650 ± 0.027 χ^2/NDF : 214.2/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.637 ± 0.018 χ^2/NDF : 601.4/29

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.777 ± 0.237 χ^2/NDF : 118.7/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.681 ± 0.231 χ^2/NDF : 427.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

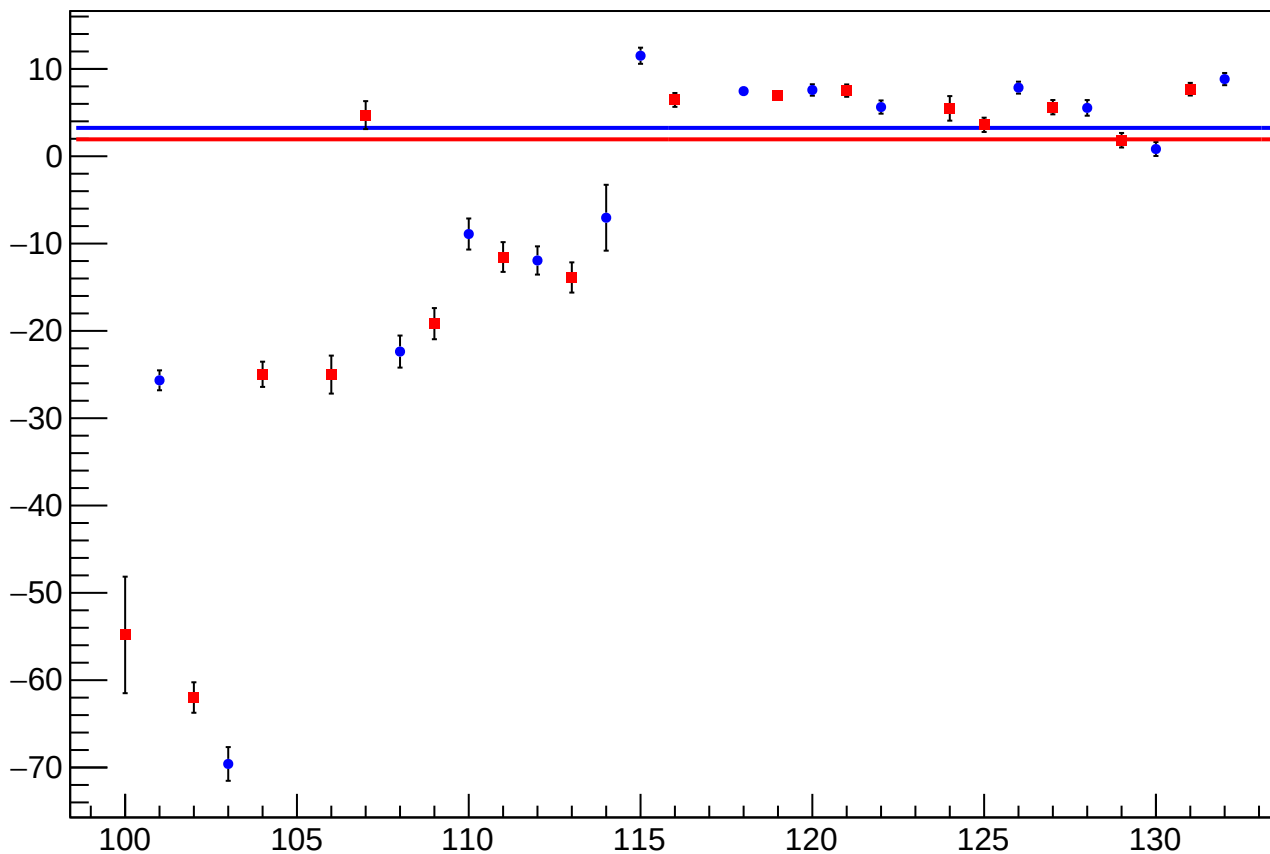
Right: -3.728 ± 0.166 χ^2/NDF : 546.4/29

In: -3.777 ± 0.237 χ^2/NDF : 118.7/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.728 ± 0.166 χ^2/NDF : 546.4/29

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.248+/-0.236 χ^2/NDF : 2726.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.937+/-0.248 χ^2/NDF : 2479.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

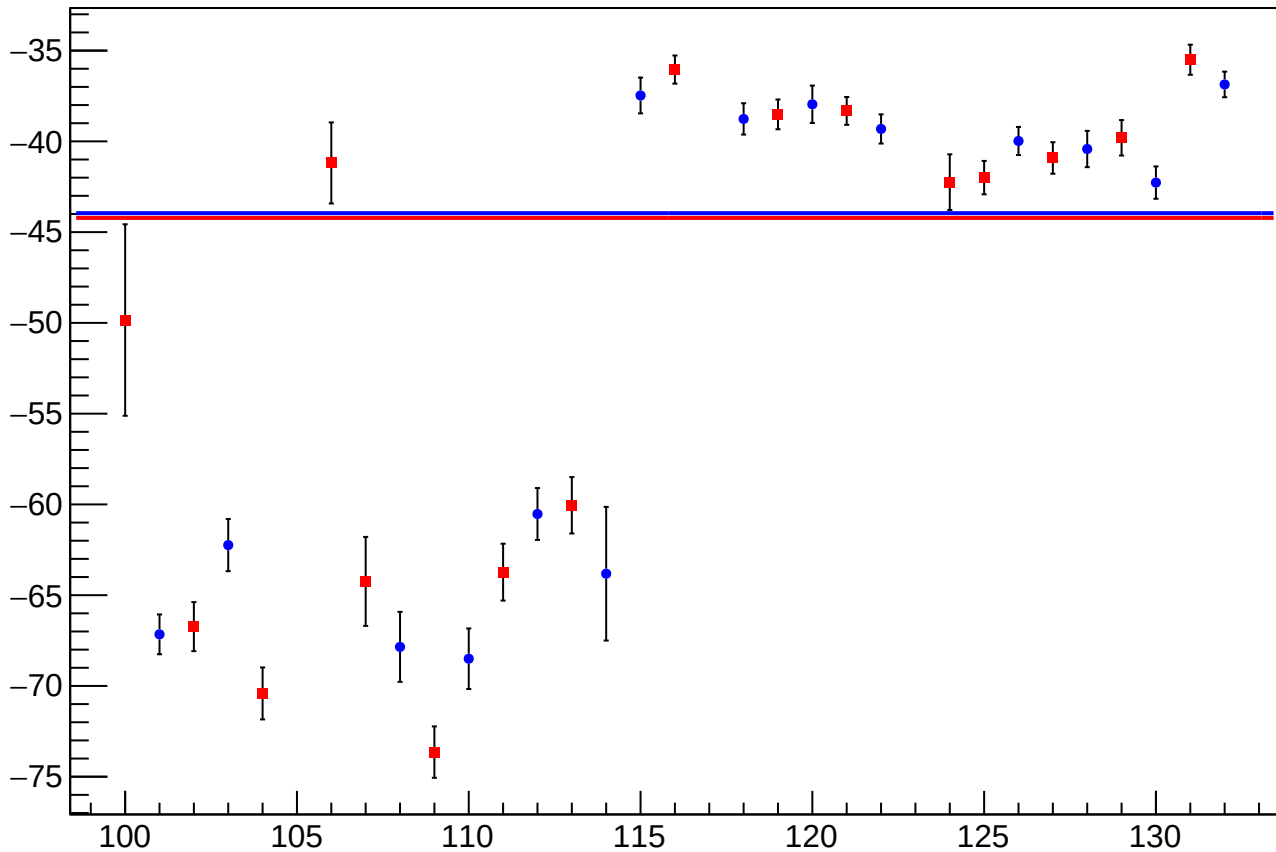
Right: 2.626+/-0.171 χ^2/NDF : 5221.2/29

In: 3.248+/-0.236 χ^2/NDF : 2726.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.626+/-0.171 χ^2/NDF : 5221.2/29

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.956 $\pm$ 0.274 χ^2 /NDF: 1433.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -44.216 $\pm$ 0.277 χ^2 /NDF: 1744.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

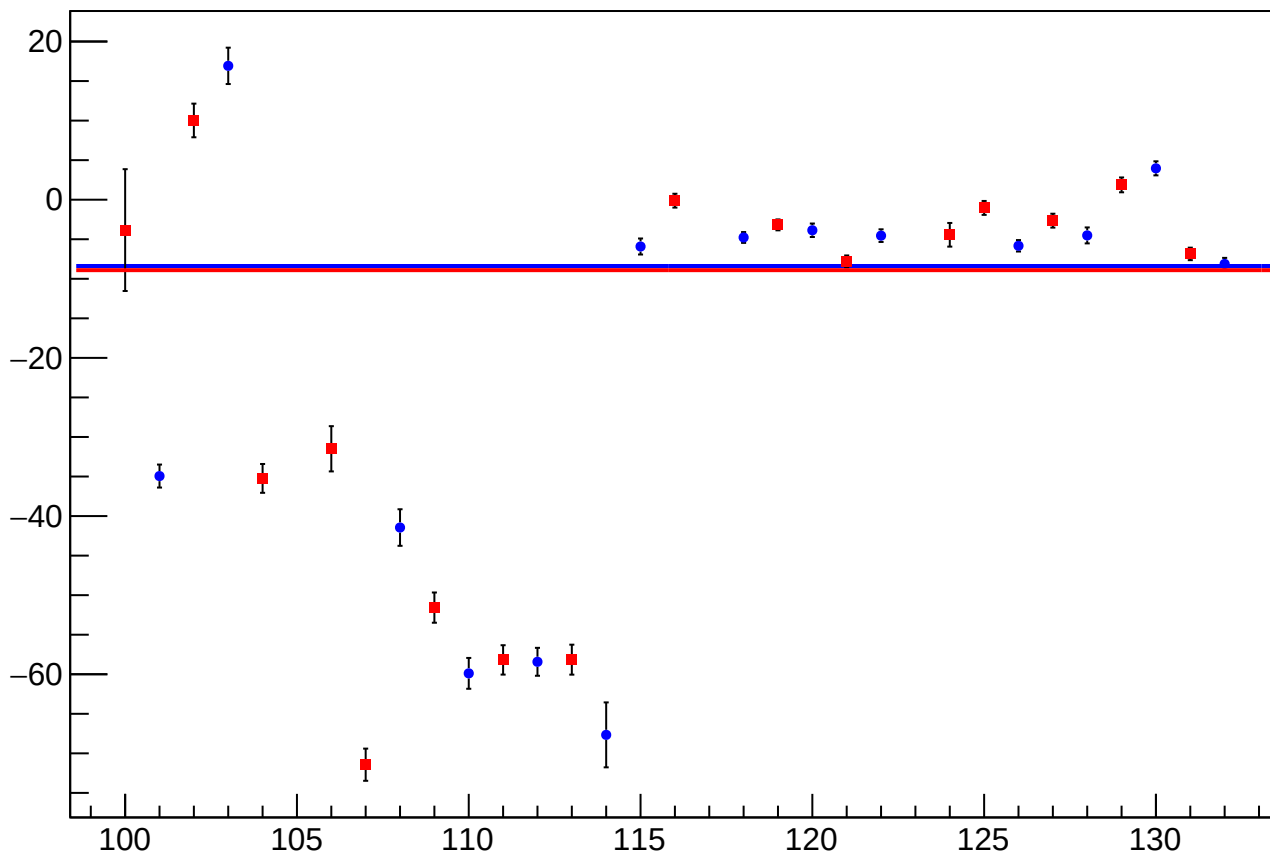
Right: -44.085 $\pm$ 0.195 χ^2 /NDF: 3178.1/29

In: -43.956 $\pm$ 0.274 χ^2 /NDF:1433.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -44.085 $\pm$ 0.195 χ^2 /NDF: 3178.1/29

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -8.382 ± 0.273 χ^2/NDF : 2674.2/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.908 ± 0.281 χ^2/NDF : 3623.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

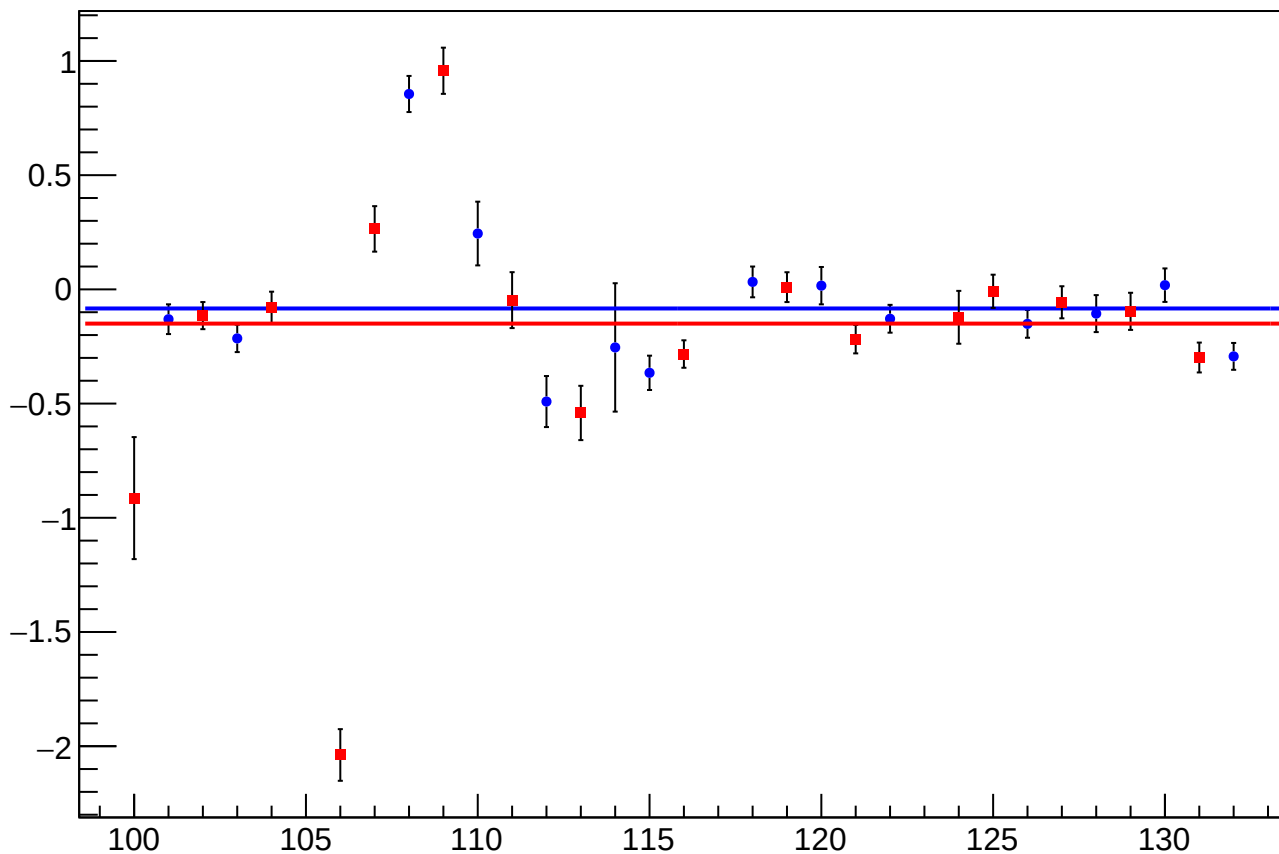
Right: -8.637 ± 0.196 χ^2/NDF : 6299.2/29

In: -8.382 ± 0.273 χ^2/NDF : 2674.2/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.637 ± 0.196 χ^2/NDF : 6299.2/29

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.084 ± 0.020 χ^2/NDF : 200.6/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.150 ± 0.020 χ^2/NDF : 460.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

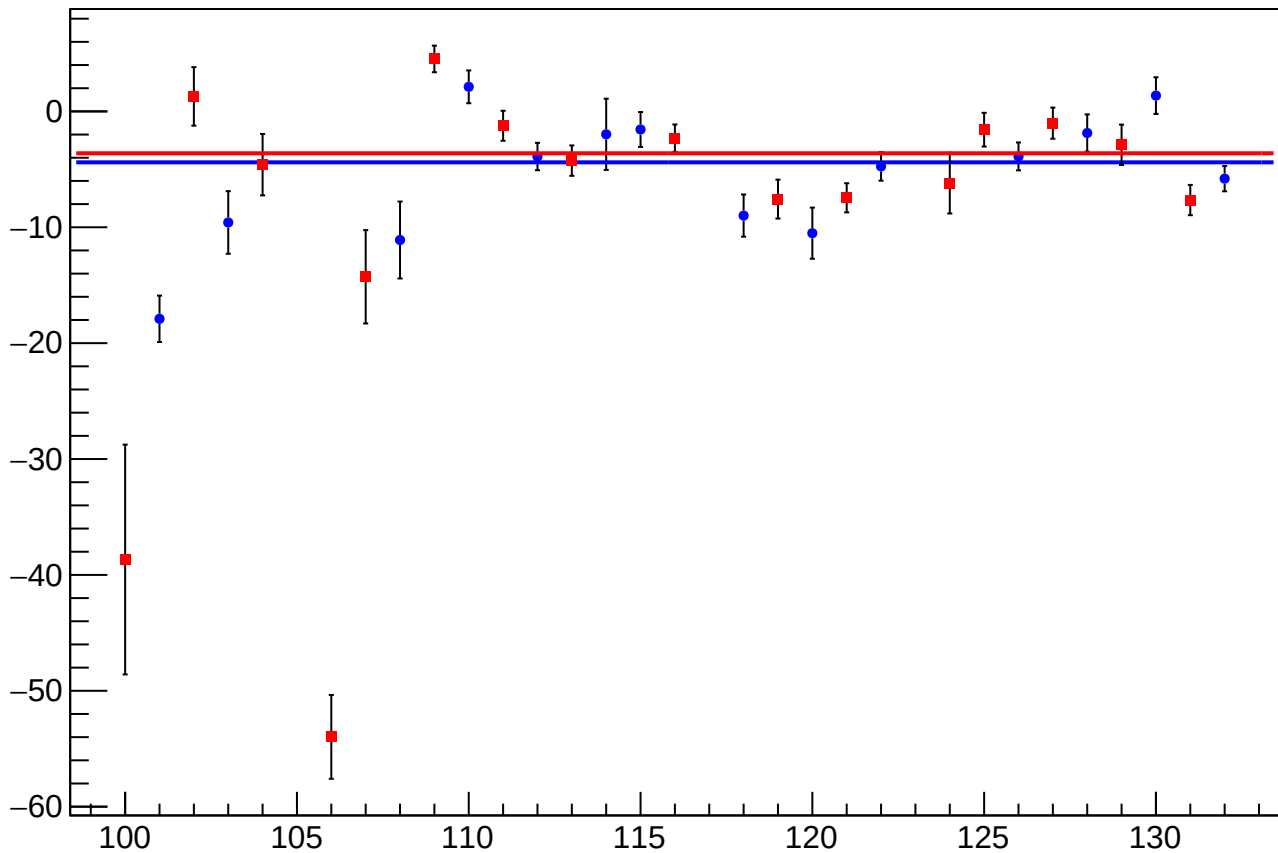
Right: -0.117 ± 0.014 χ^2/NDF : 666.7/29

In: -0.084 ± 0.020 χ^2/NDF : 200.6/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.117 ± 0.014 χ^2/NDF : 666.7/29

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.396 ± 0.418 χ^2/NDF : 110.5/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.614 ± 0.402 χ^2/NDF : 303.8/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

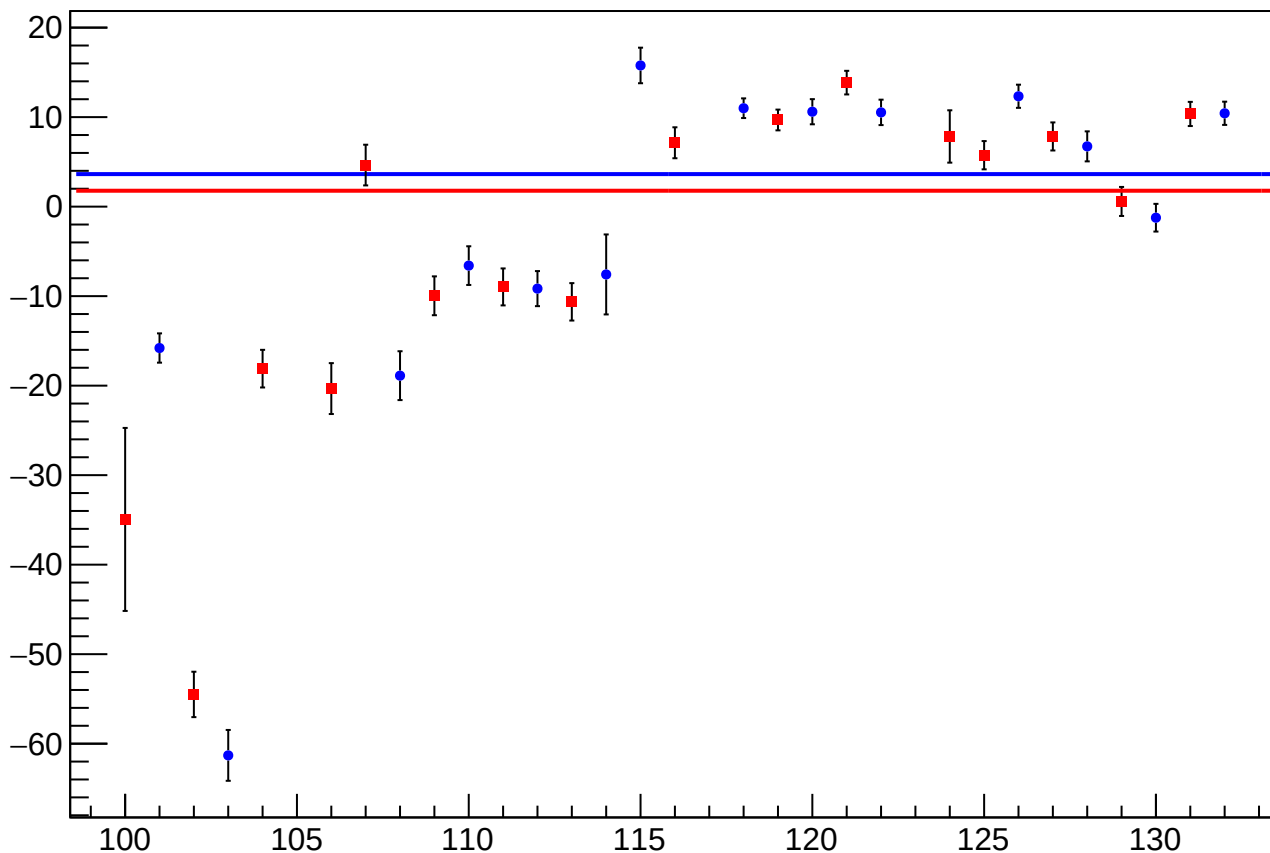
Right: -3.990 ± 0.290 χ^2/NDF : 416.1/29

In: -4.396 ± 0.418 χ^2/NDF : 110.5/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.990 ± 0.290 χ^2/NDF : 416.1/29

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.634+/-0.438 χ^2/NDF : 1019.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.776+/-0.452 χ^2/NDF : 954.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

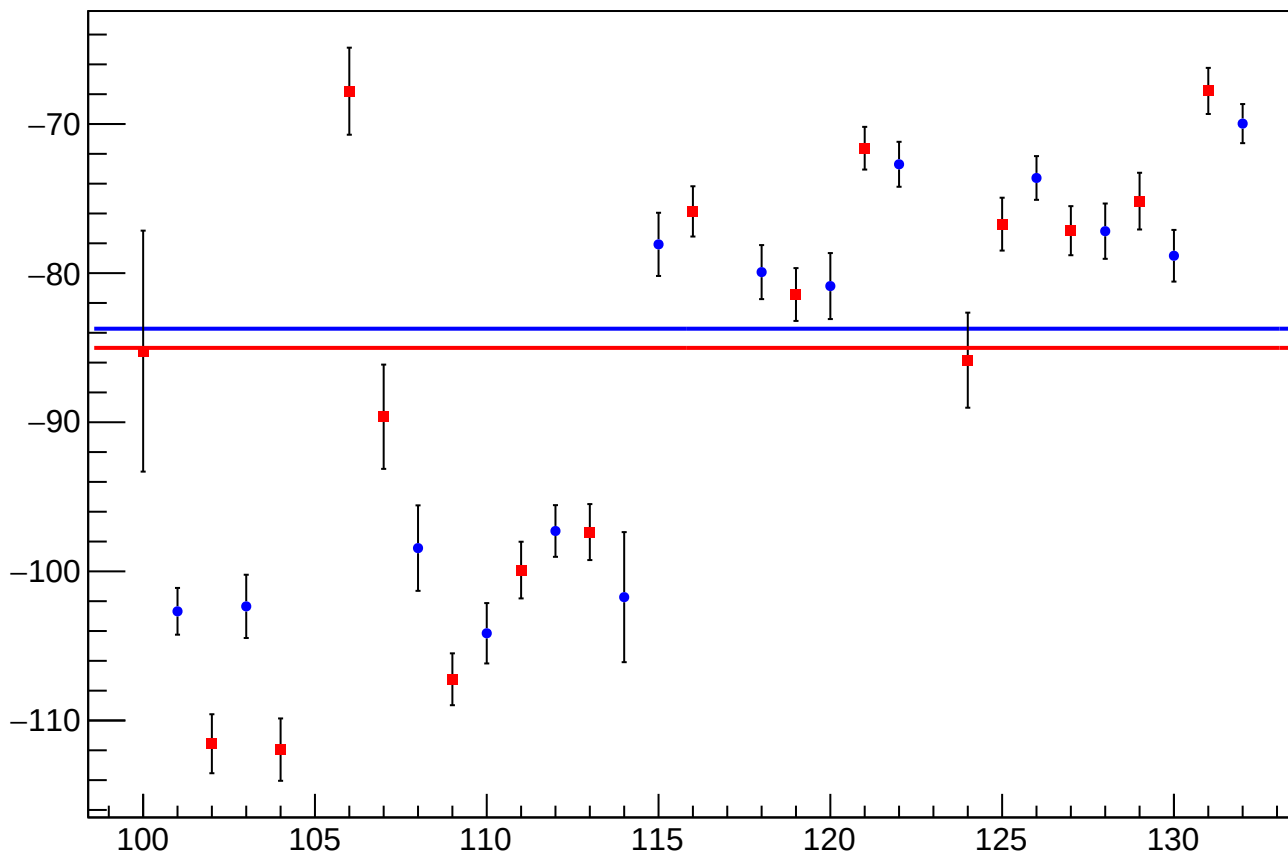
Right: 2.734+/-0.315 χ^2/NDF : 1982.7/29

In: 3.634+/-0.438 χ^2/NDF : 1019.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.734+/-0.315 χ^2/NDF : 1982.7/29

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -83.726 $\pm$ 0.487 χ^2 /NDF: 674.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -85.013 $\pm$ 0.486 χ^2 /NDF: 967.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

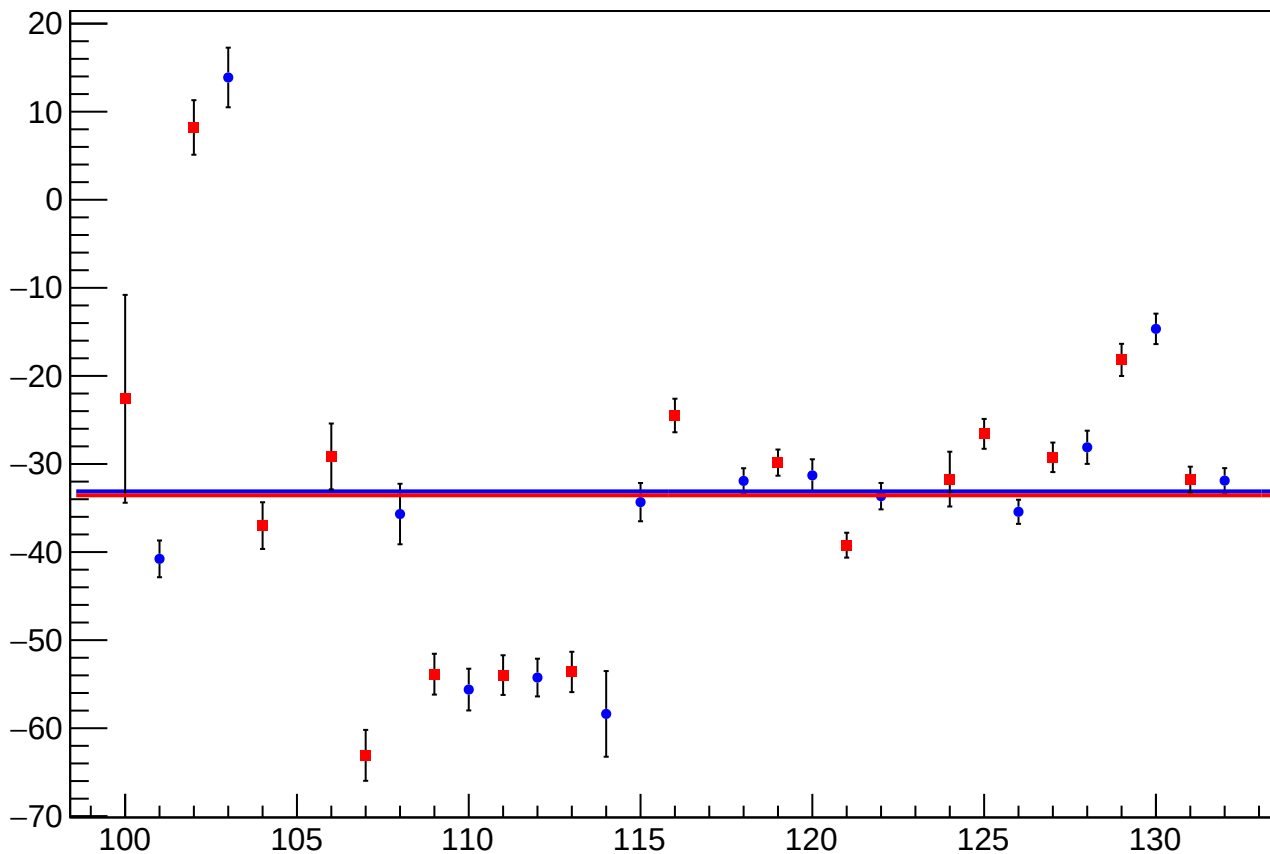
Right: -84.370 $\pm$ 0.344 χ^2 /NDF: 1645.4/29

In: -83.726 $\pm$ 0.487 χ^2 /NDF:674.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -84.370 $\pm$ 0.344 χ^2 /NDF: 1645.4/29

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.109+/-0.505 χ^2/NDF : 548.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -33.555+/-0.512 χ^2/NDF : 666.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

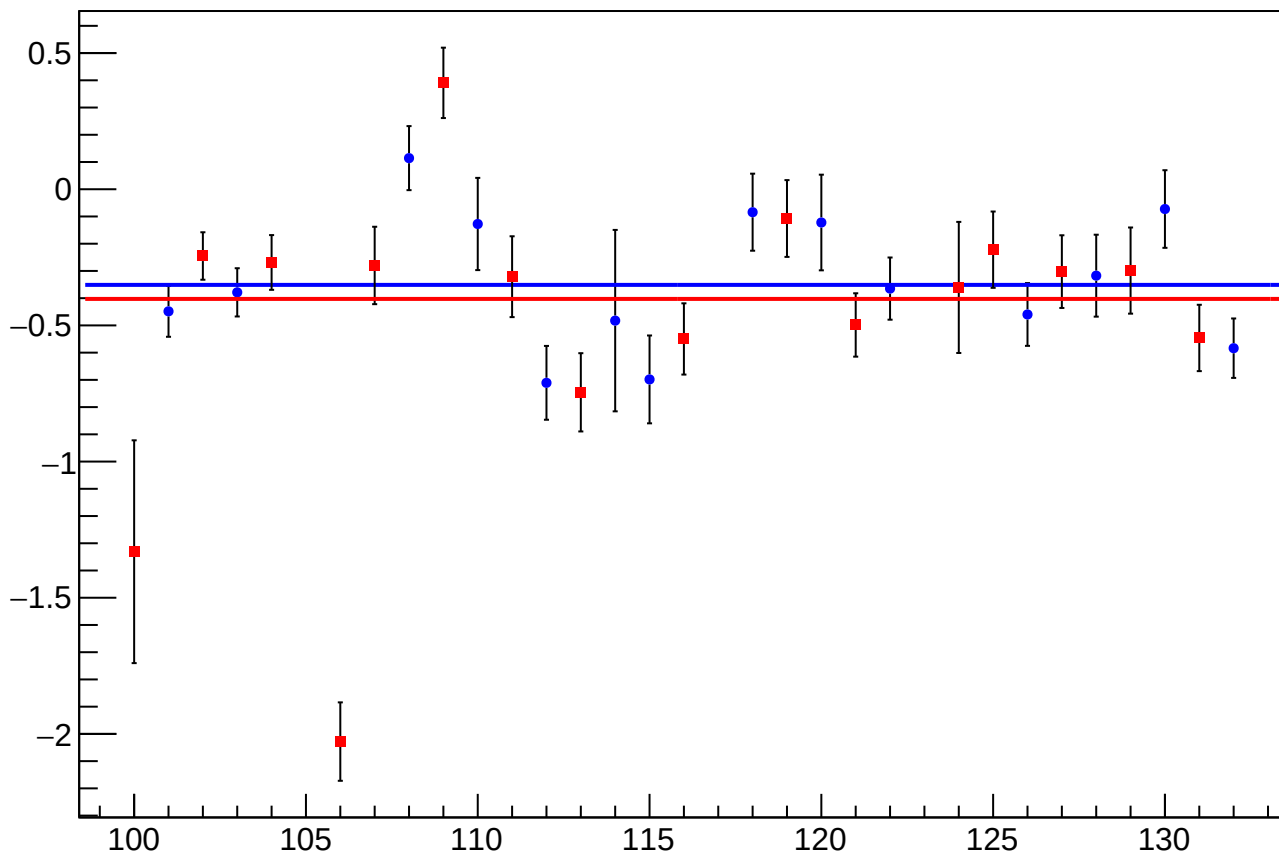
Right: -33.329+/-0.360 χ^2/NDF : 1215.4/29

In: -33.109+/-0.505 χ^2/NDF : 548.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.329+/-0.360 χ^2/NDF : 1215.4/29

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.351 ± 0.034 $\chi^2/\text{NDF}: 45.0/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.403 ± 0.033 $\chi^2/\text{NDF}: 192.5/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

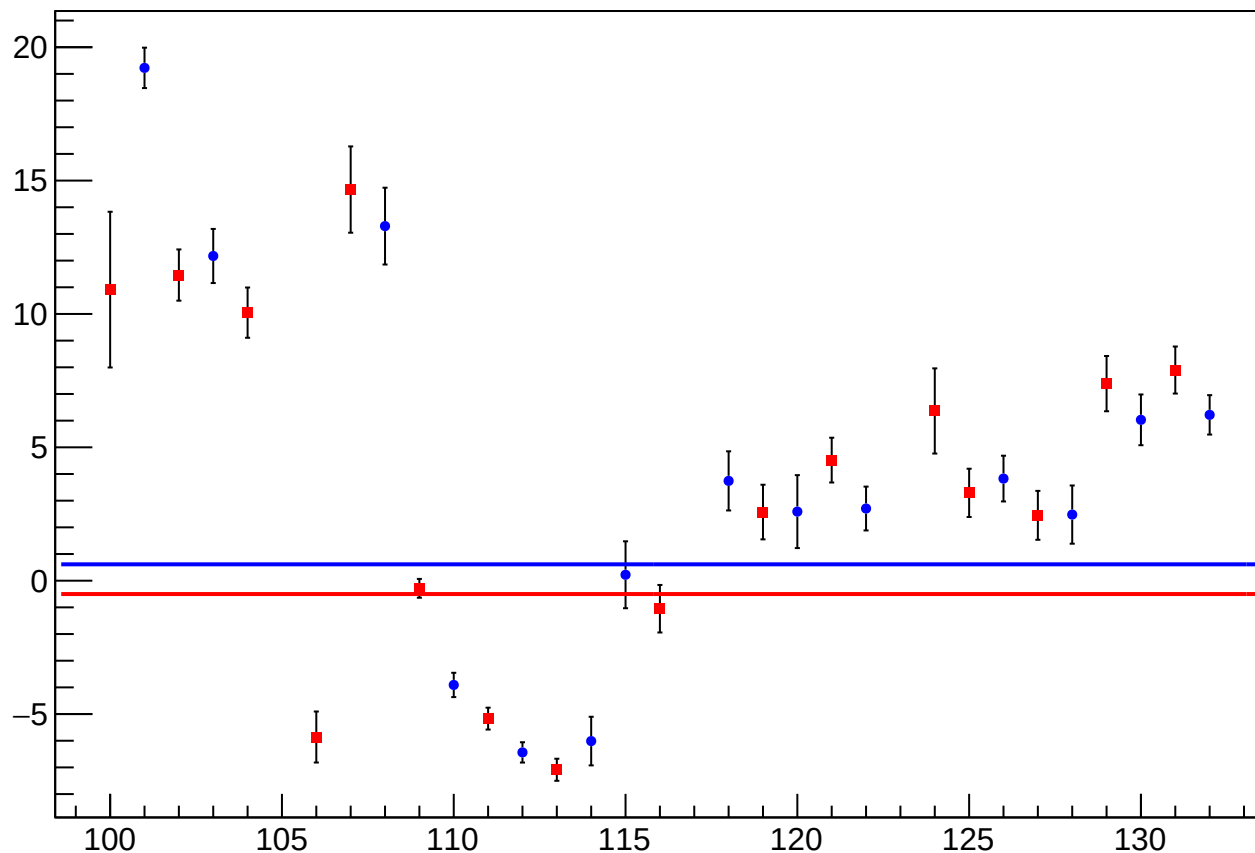
Right: -0.378 ± 0.024 $\chi^2/\text{NDF}: 238.6/29$

In: -0.351 ± 0.034 $\chi^2/\text{NDF}: 45.0/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.378 ± 0.024 $\chi^2/\text{NDF}: 238.6/29$

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.614+/-0.201 χ^2/NDF : 1429.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.501+/-0.176 χ^2/NDF : 1038.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

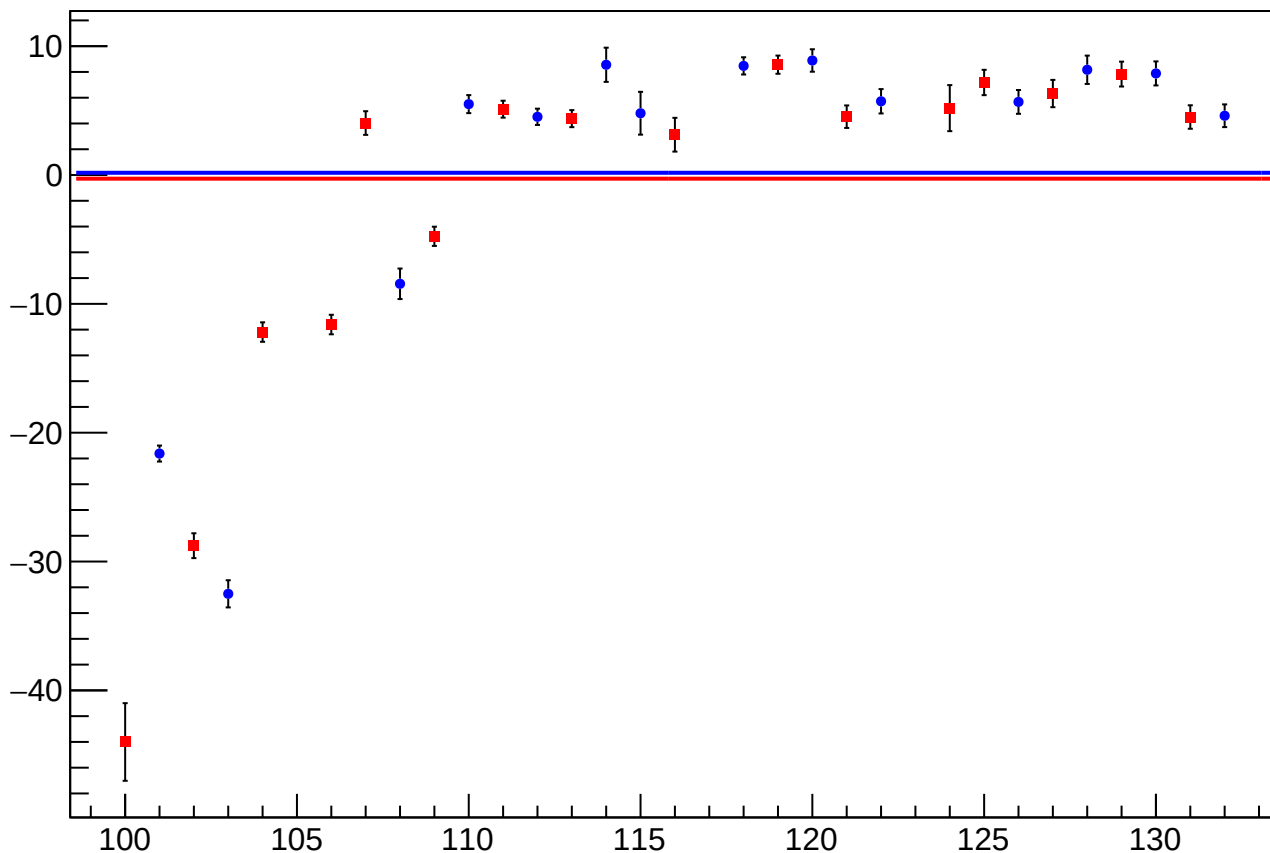
Right: -0.017+/-0.132 χ^2/NDF : 2485.3/29

In: 0.614+/-0.201 χ^2/NDF : 1429.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.017+/-0.132 χ^2/NDF : 2485.3/29

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.174+/-0.231 χ^2/NDF : 2869.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.284+/-0.220 χ^2/NDF : 2129.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

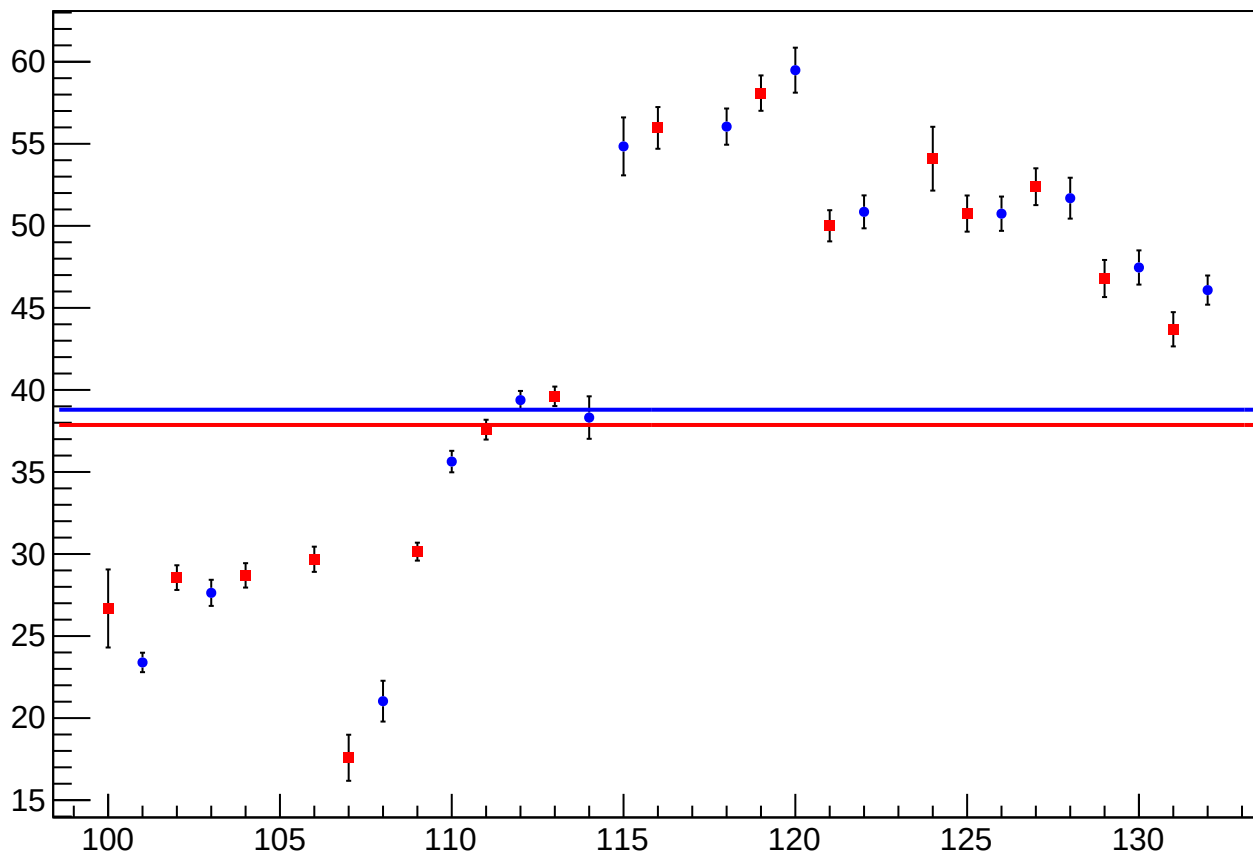
Right: -0.066+/-0.159 χ^2/NDF : 5000.9/29

In: 0.174+/-0.231 χ^2/NDF : 2869.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.066+/-0.159 χ^2/NDF : 5000.9/29

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 38.794+/-0.238 χ^2/NDF : 2173.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 37.864+/-0.218 χ^2/NDF : 2043.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

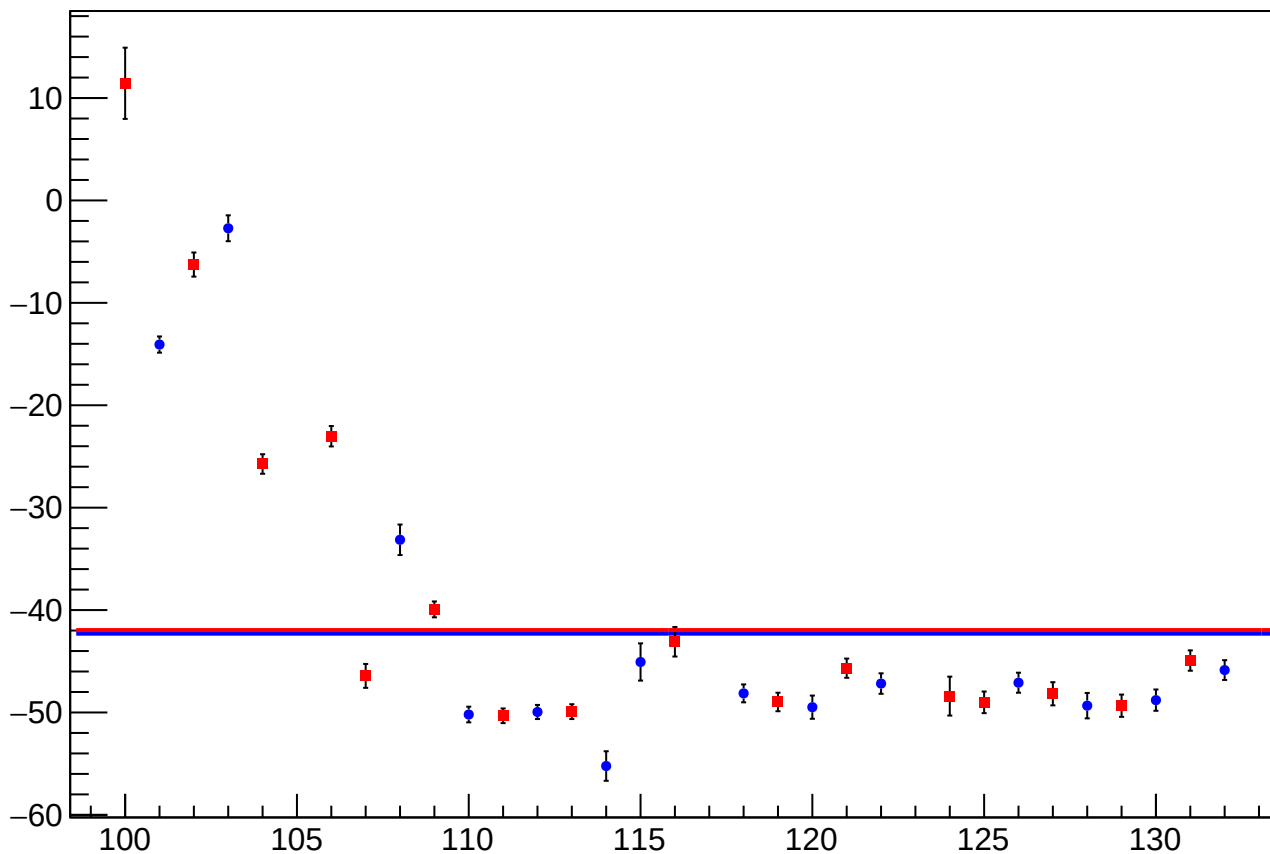
Right: 38.288+/-0.161 χ^2/NDF : 4225.2/29

In: 38.794+/-0.238 χ^2/NDF :2173.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 38.288+/-0.161 χ^2/NDF : 4225.2/29

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -42.305+/-0.267 χ^2/NDF : 2822.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -41.952+/-0.251 χ^2/NDF : 2303.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

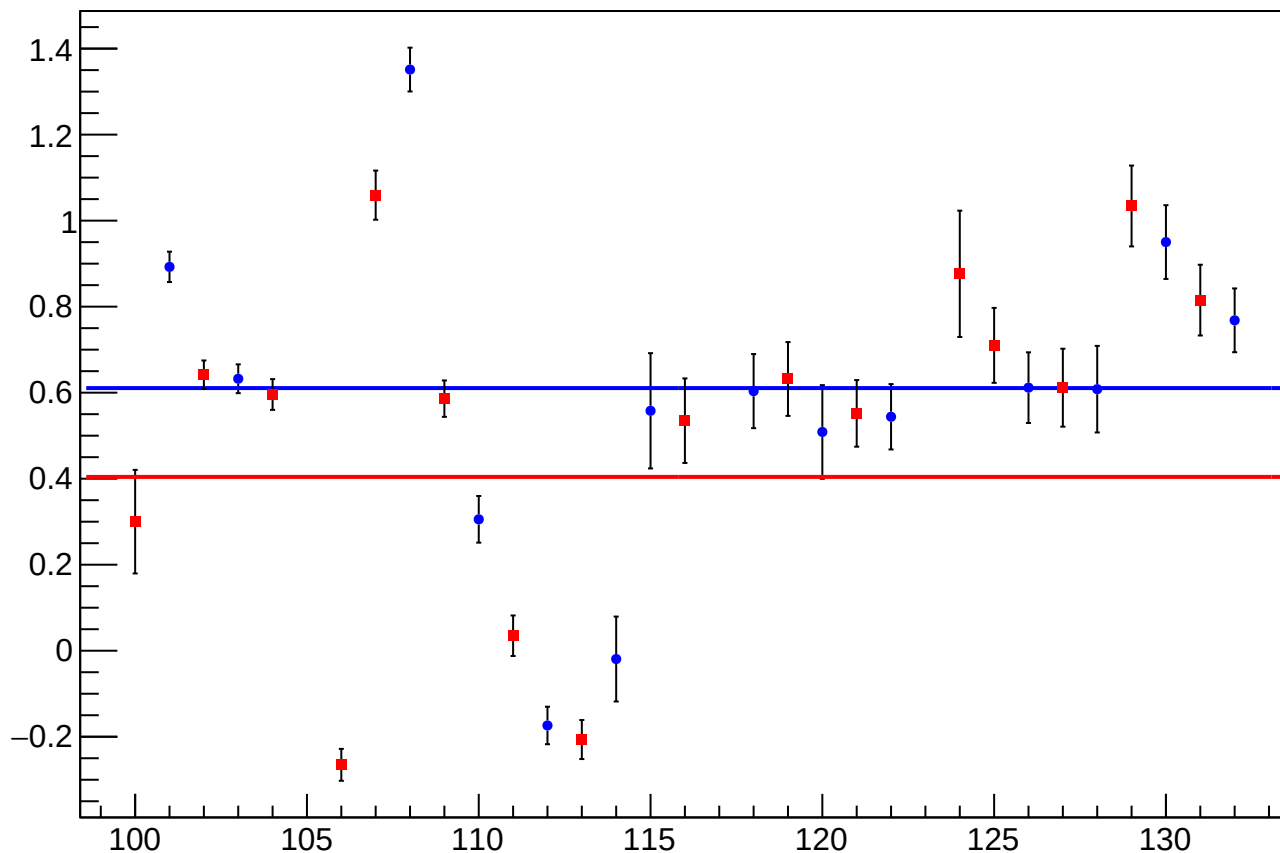
Right: -42.118+/-0.183 χ^2/NDF : 5127.1/29

In: -42.305+/-0.267 χ^2/NDF : 2822.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.118+/-0.183 χ^2/NDF : 5127.1/29

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.611+/-0.016 χ^2/NDF : 693.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.404+/-0.014 χ^2/NDF : 909.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

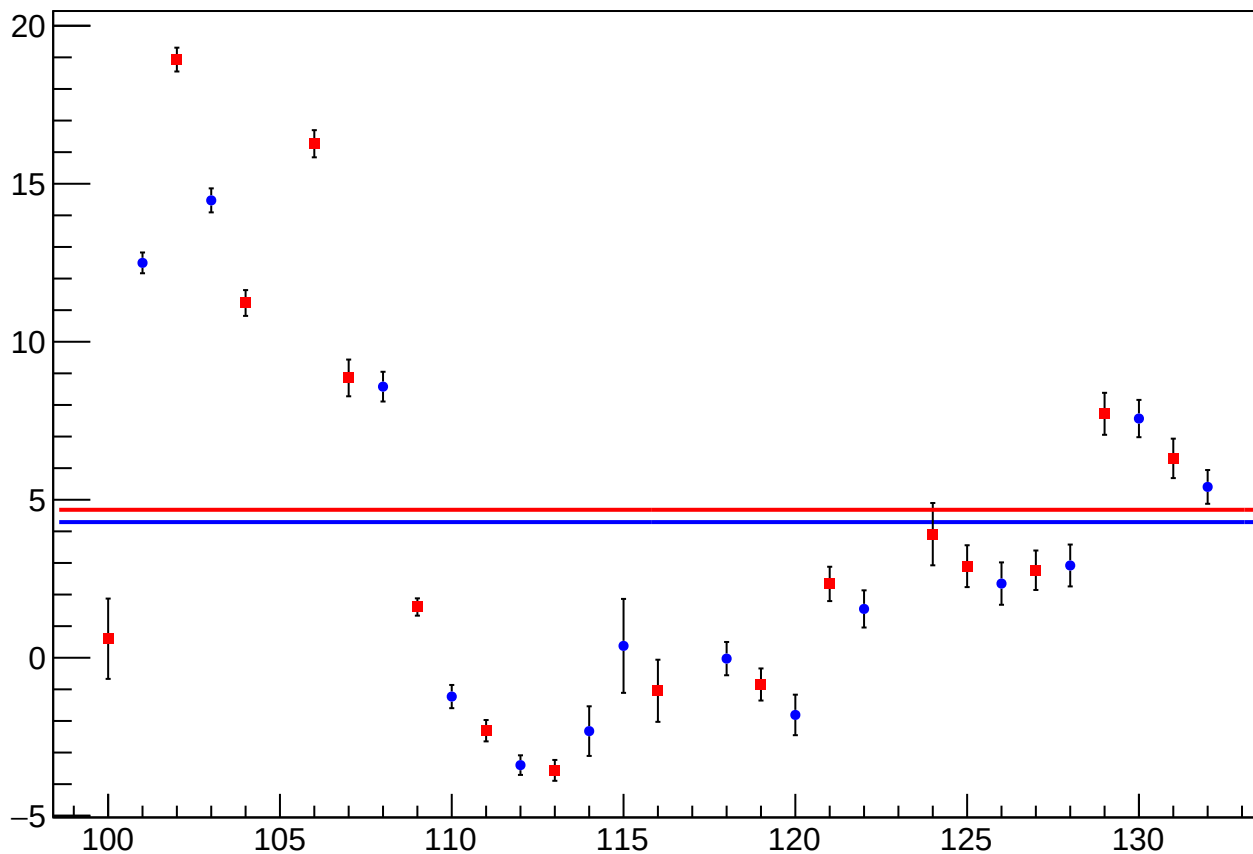
Right: 0.494+/-0.010 χ^2/NDF : 1700.7/29

In: 0.611+/-0.016 χ^2/NDF : 693.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.494+/-0.010 χ^2/NDF : 1700.7/29

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 4.293+/-0.129 χ^2/NDF : 2570.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 4.682+/-0.118 χ^2/NDF : 3867.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

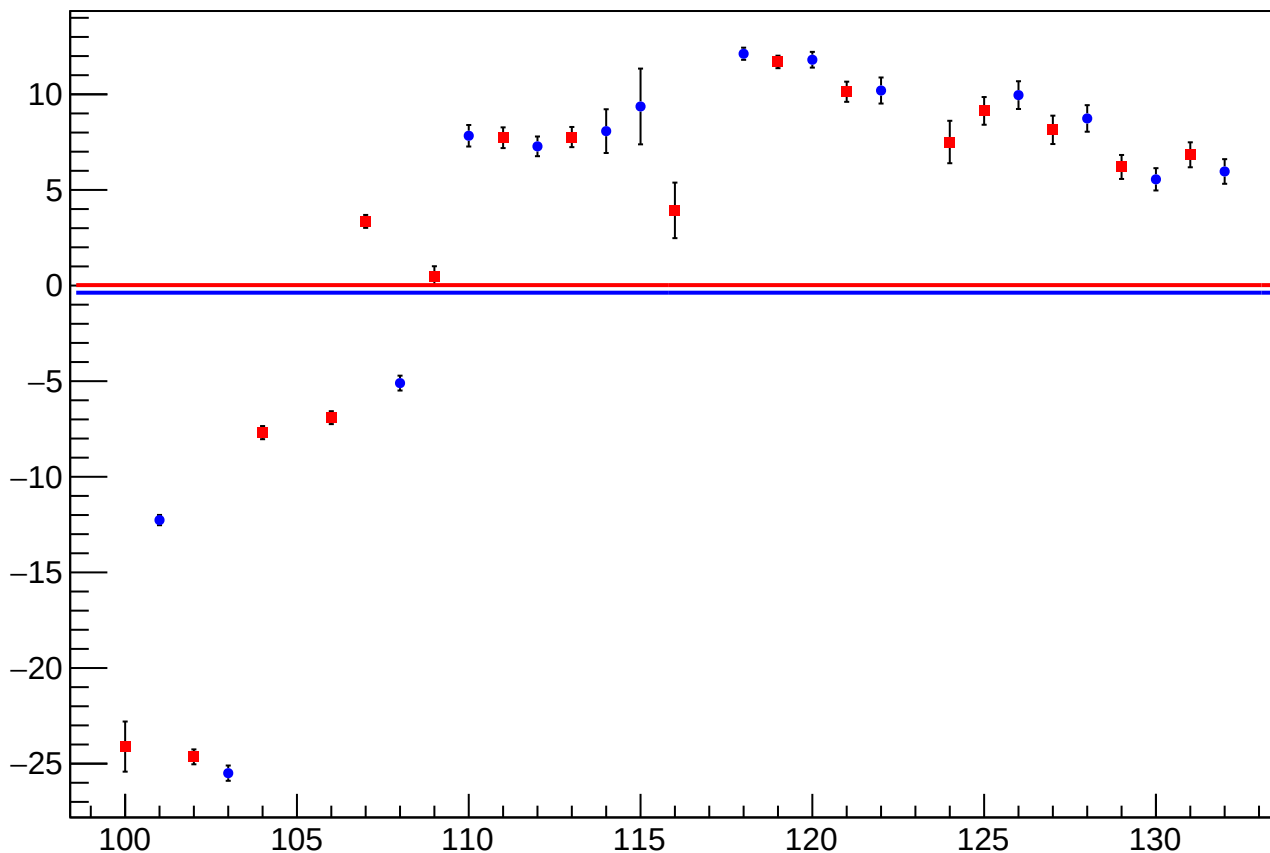
Right: 4.505+/-0.087 χ^2/NDF : 6442.9/29

In: 4.293+/-0.129 χ^2/NDF :2570.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4.505+/-0.087 χ^2/NDF : 6442.9/29

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.374+/-0.127 χ^2 /NDF: 9815.6/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.023+/-0.122 χ^2 /NDF: 7968.1/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

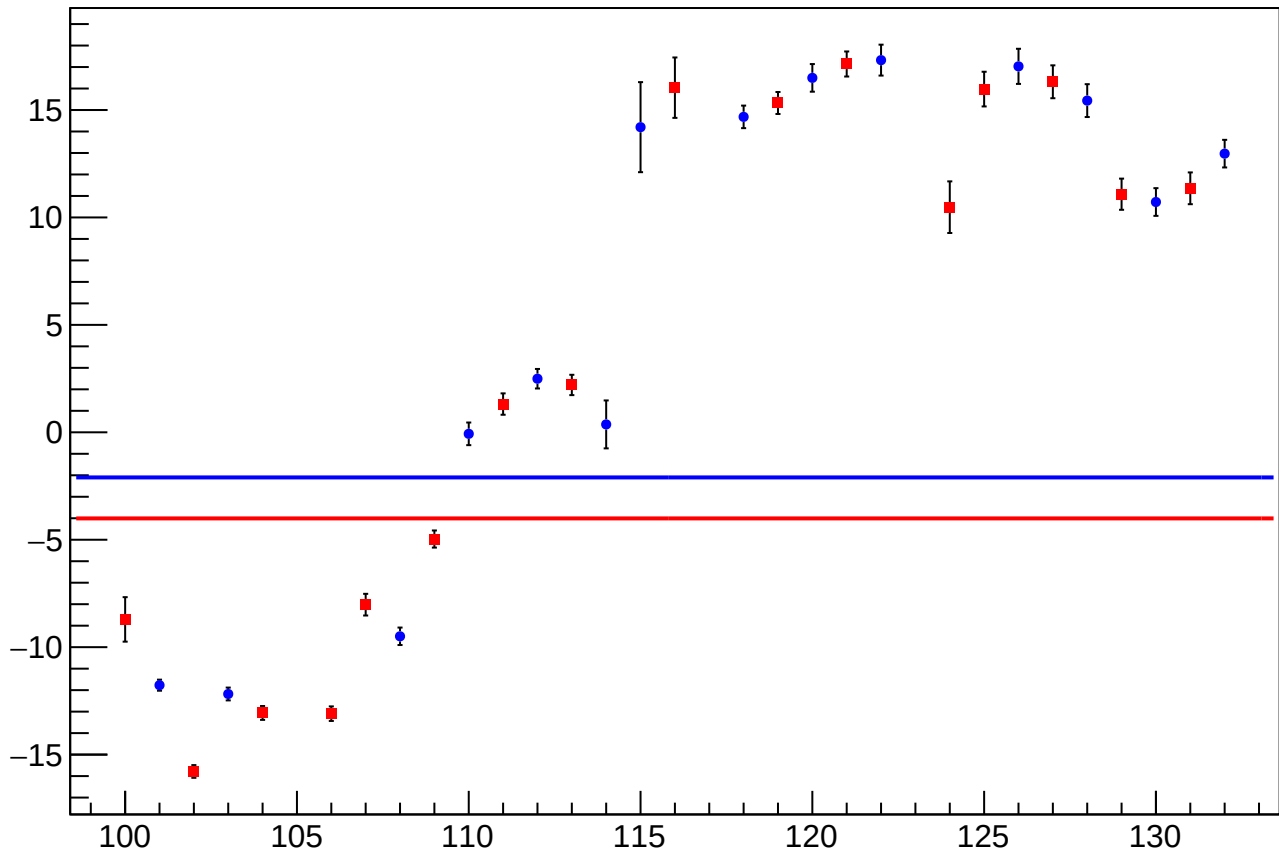
Right: -0.168+/-0.088 χ^2 /NDF: 17788.8/29

In: -0.374+/-0.127 χ^2 /NDF:9815.6/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.168+/-0.088 χ^2 /NDF: 17788.8/29

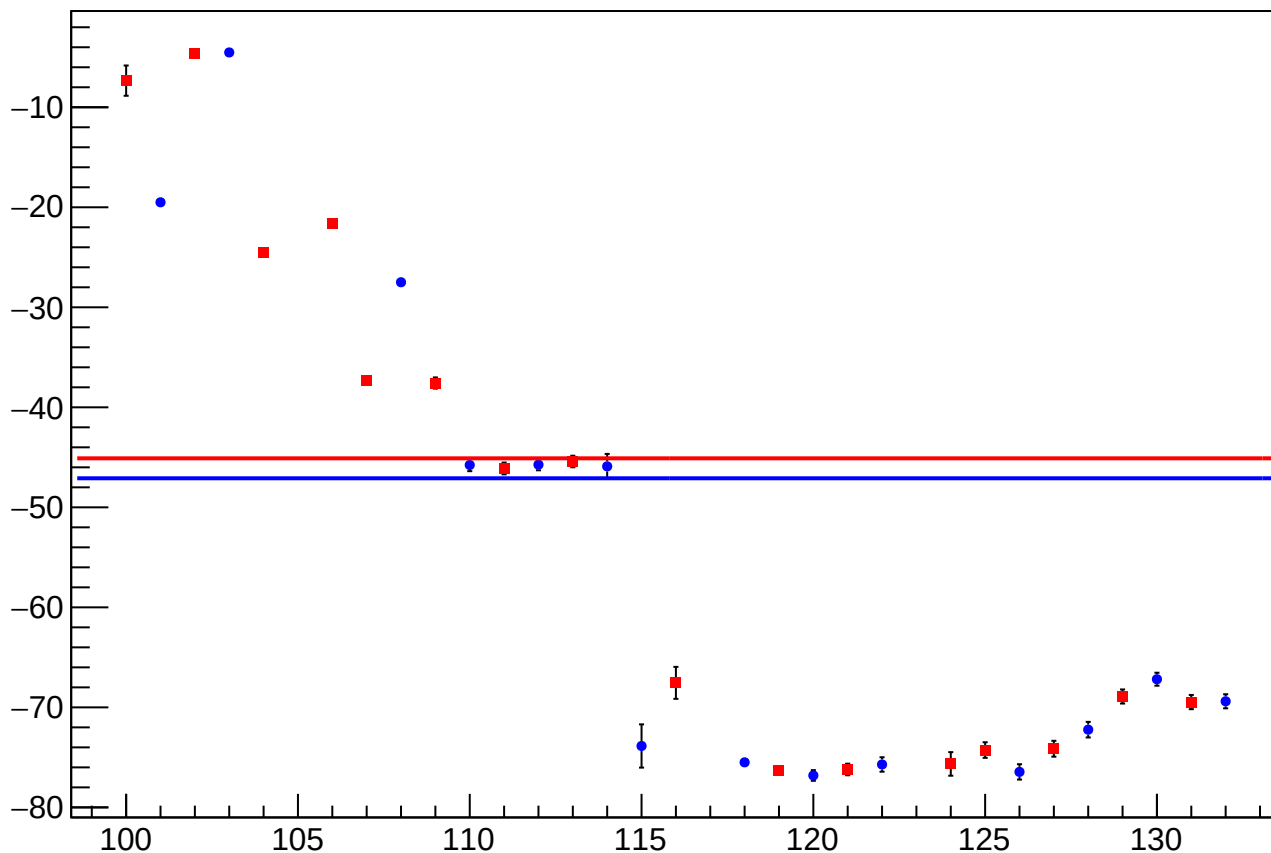
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.100+/-0.131 χ^2/NDF : 7680.4/13
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -4.008+/-0.125 χ^2/NDF : 8749.6/15
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -3.104+/-0.090 χ^2/NDF : 16541.1/29
 In: -2.100+/-0.131 χ^2/NDF :7680.4/13
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -3.104+/-0.090 χ^2/NDF : 16541.1/29

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -47.096+/-0.153 χ^2/NDF : 30100.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -45.101+/-0.146 χ^2/NDF : 27948.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

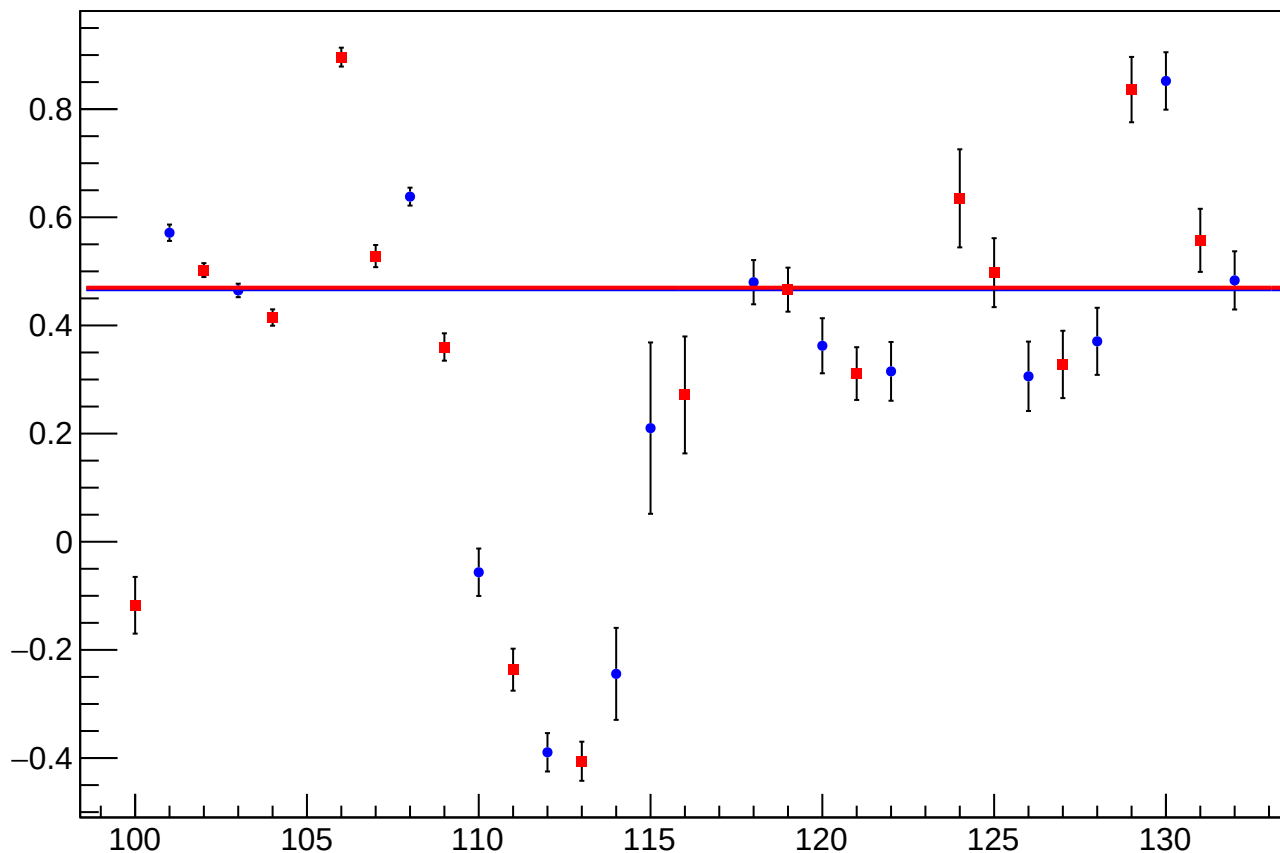
Right: -46.052+/-0.106 χ^2/NDF : 58138.1/29

In: -47.096+/-0.153 χ^2/NDF : 30100.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -46.052+/-0.106 χ^2/NDF : 58138.1/29

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.467 $\pm$ 0.007 χ^2 /NDF: 1024.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.470 $\pm$ 0.007 χ^2 /NDF: 1747.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

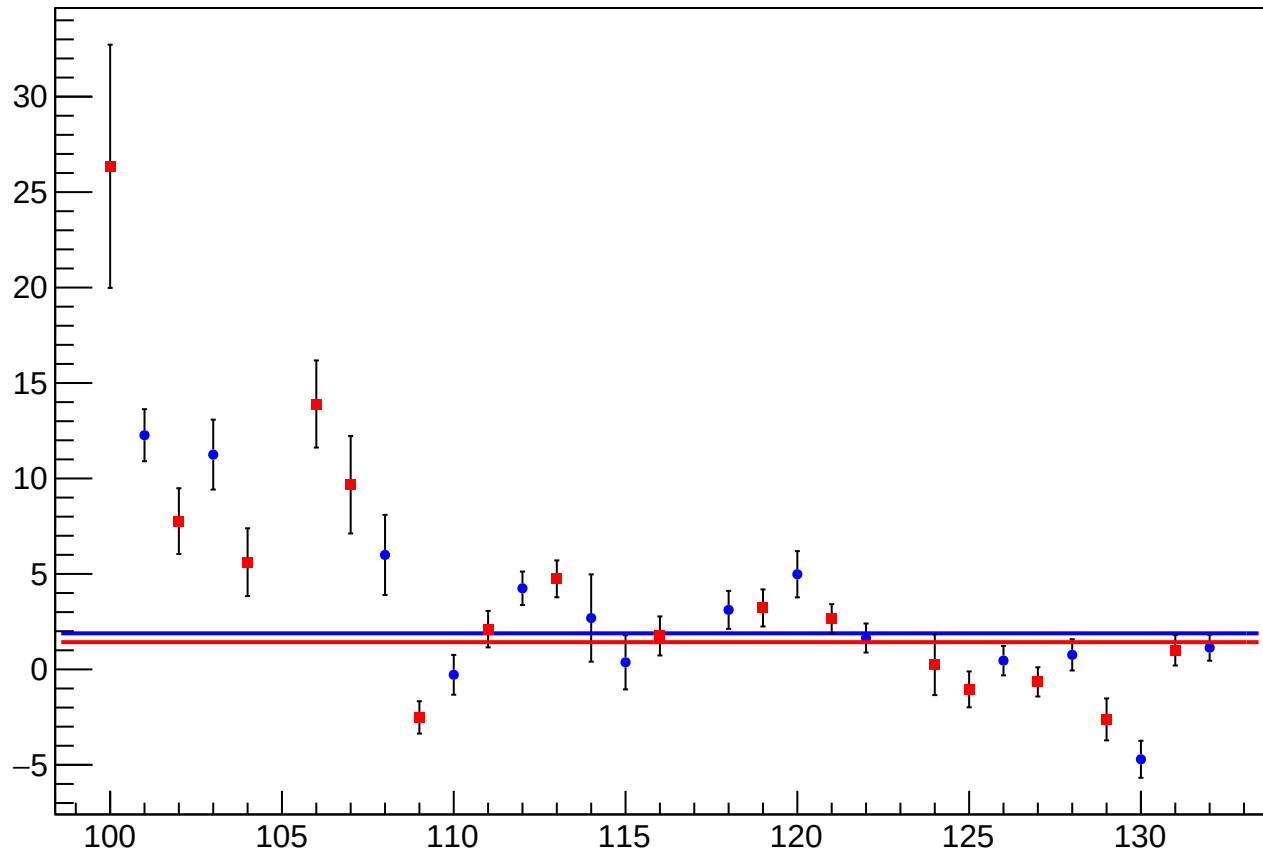
Right: 0.468 $\pm$ 0.005 χ^2 /NDF: 2772.2/29

In: 0.467 $\pm$ 0.007 χ^2 /NDF:1024.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.468 $\pm$ 0.005 χ^2 /NDF: 2772.2/29

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.889 $\pm$ 0.269 χ^2 /NDF: 161.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.426 $\pm$ 0.268 χ^2 /NDF: 143.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

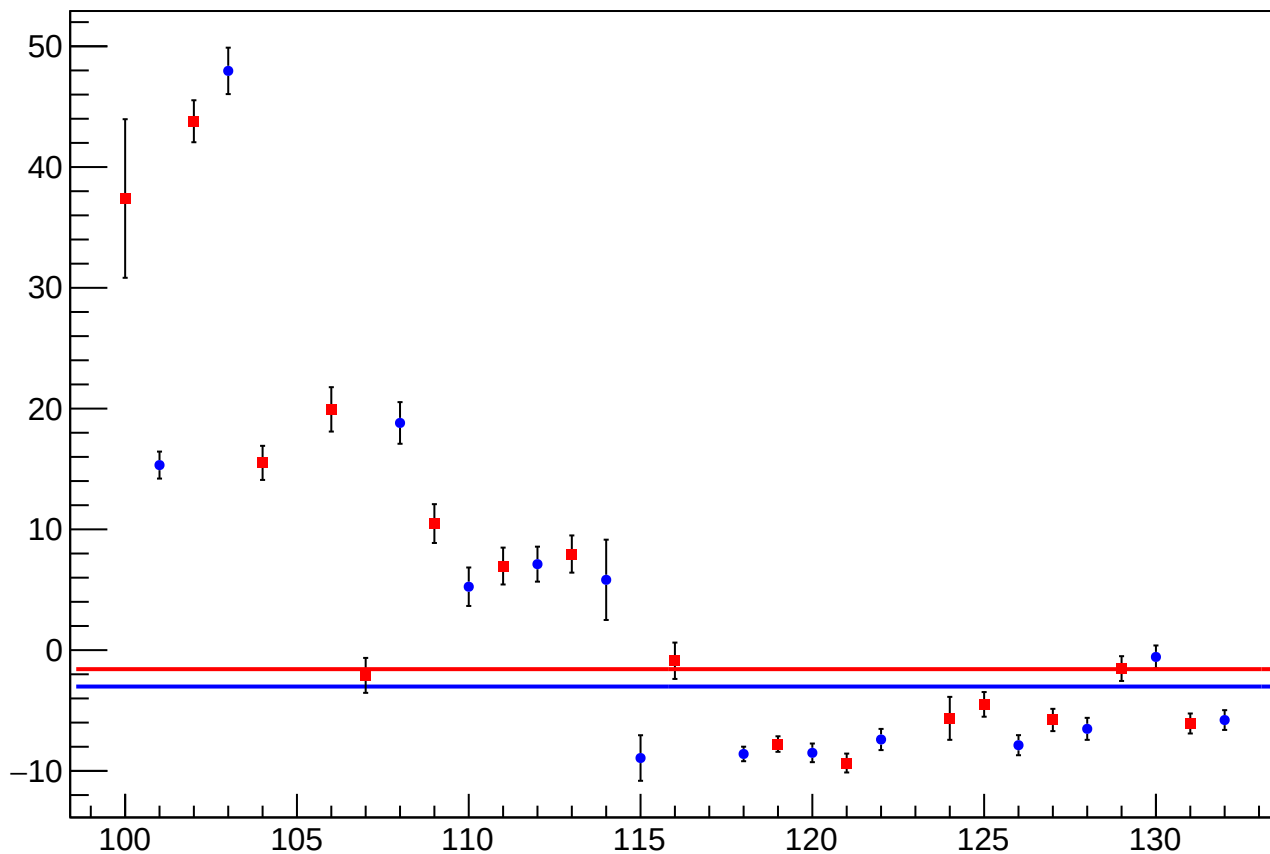
Right: 1.656 $\pm$ 0.190 χ^2 /NDF: 306.7/29

In: 1.889 $\pm$ 0.269 χ^2 /NDF:161.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.656 $\pm$ 0.190 χ^2 /NDF: 306.7/29

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.015+/-0.271 χ^2/NDF : 1454.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.575+/-0.286 χ^2/NDF : 1381.8/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

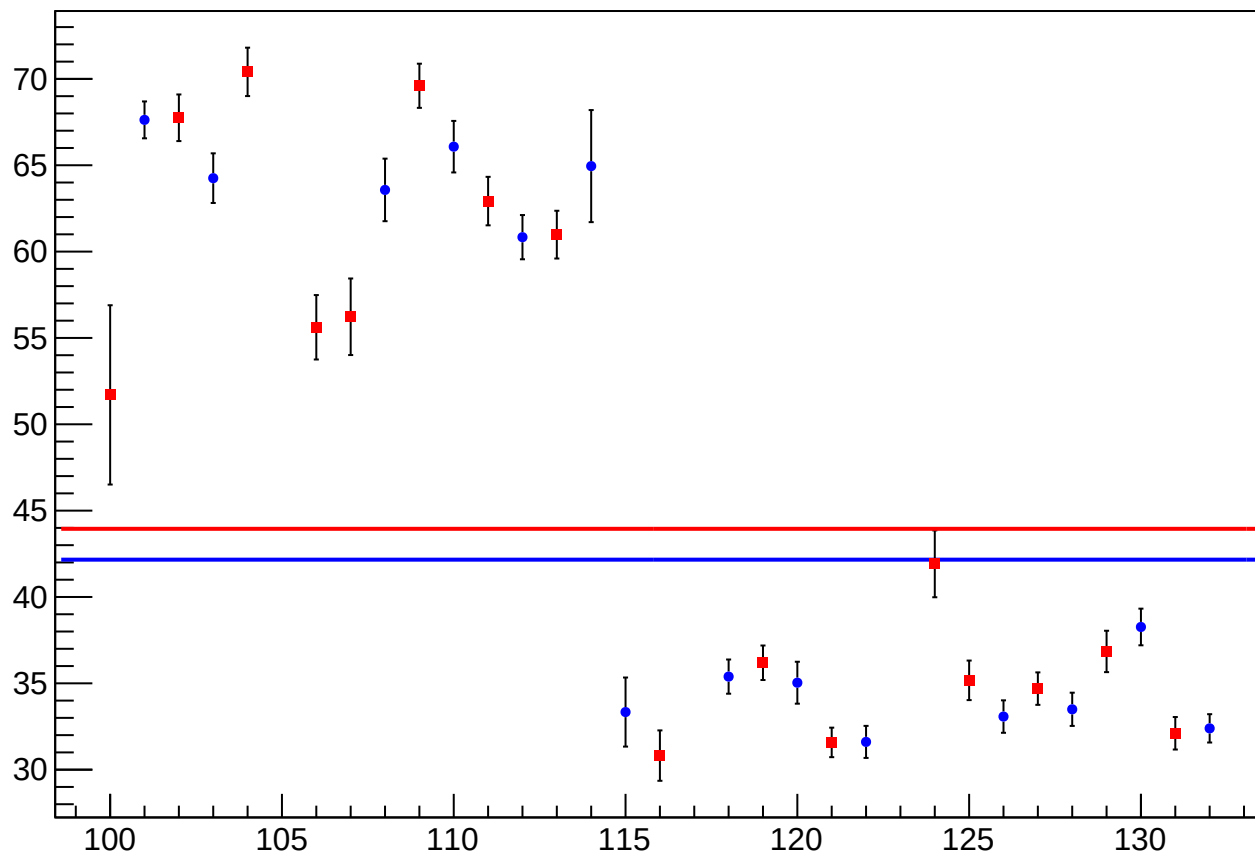
Right: -2.334+/-0.197 χ^2/NDF : 2849.7/29

In: -3.015+/-0.271 χ^2/NDF :1454.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.334+/-0.197 χ^2/NDF : 2849.7/29

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 42.161+/-0.308 χ^2/NDF : 2023.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 43.947+/-0.315 χ^2/NDF : 2177.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

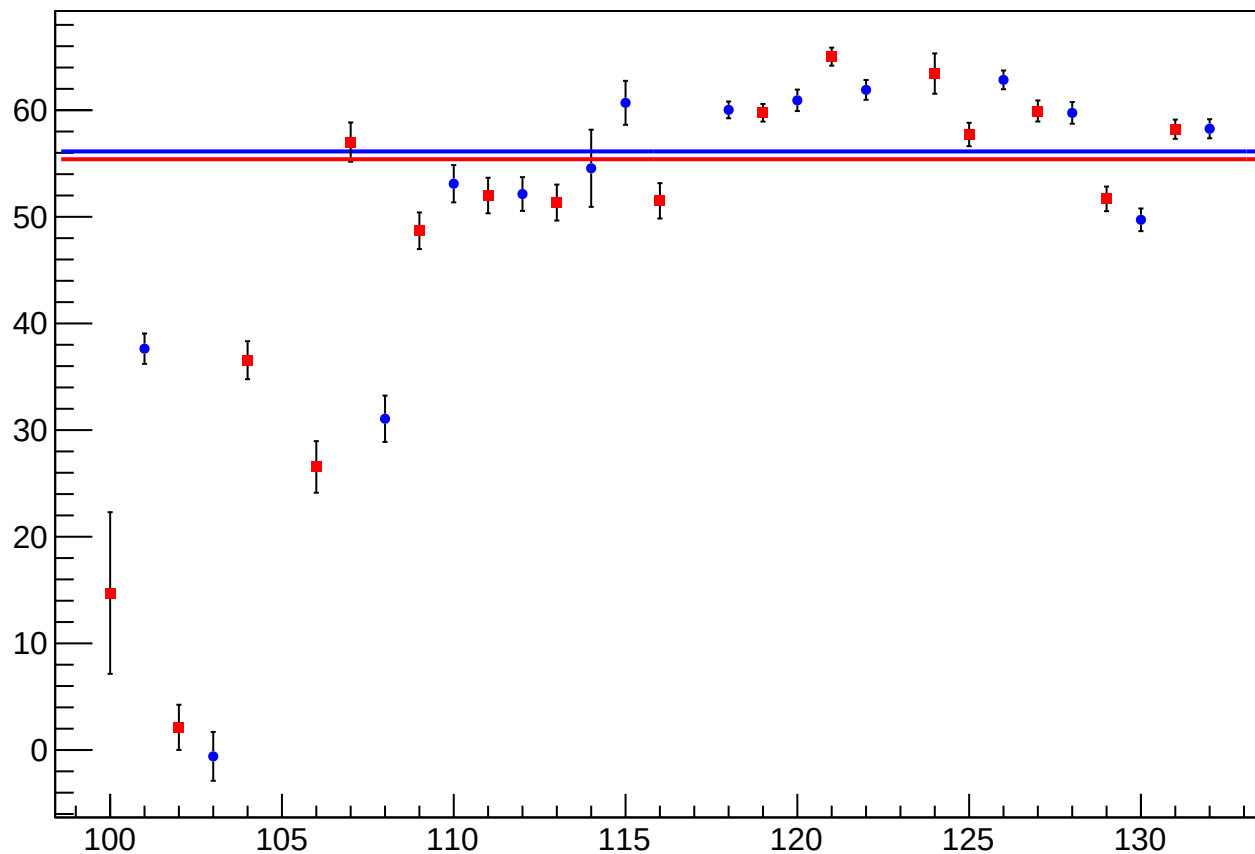
Right: 43.034+/-0.220 χ^2/NDF : 4217.0/29

In: 42.161+/-0.308 χ^2/NDF :2023.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 43.034+/-0.220 χ^2/NDF : 4217.0/29

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 56.133+/-0.315 χ^2/NDF : 1128.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.402+/-0.326 χ^2/NDF : 1167.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

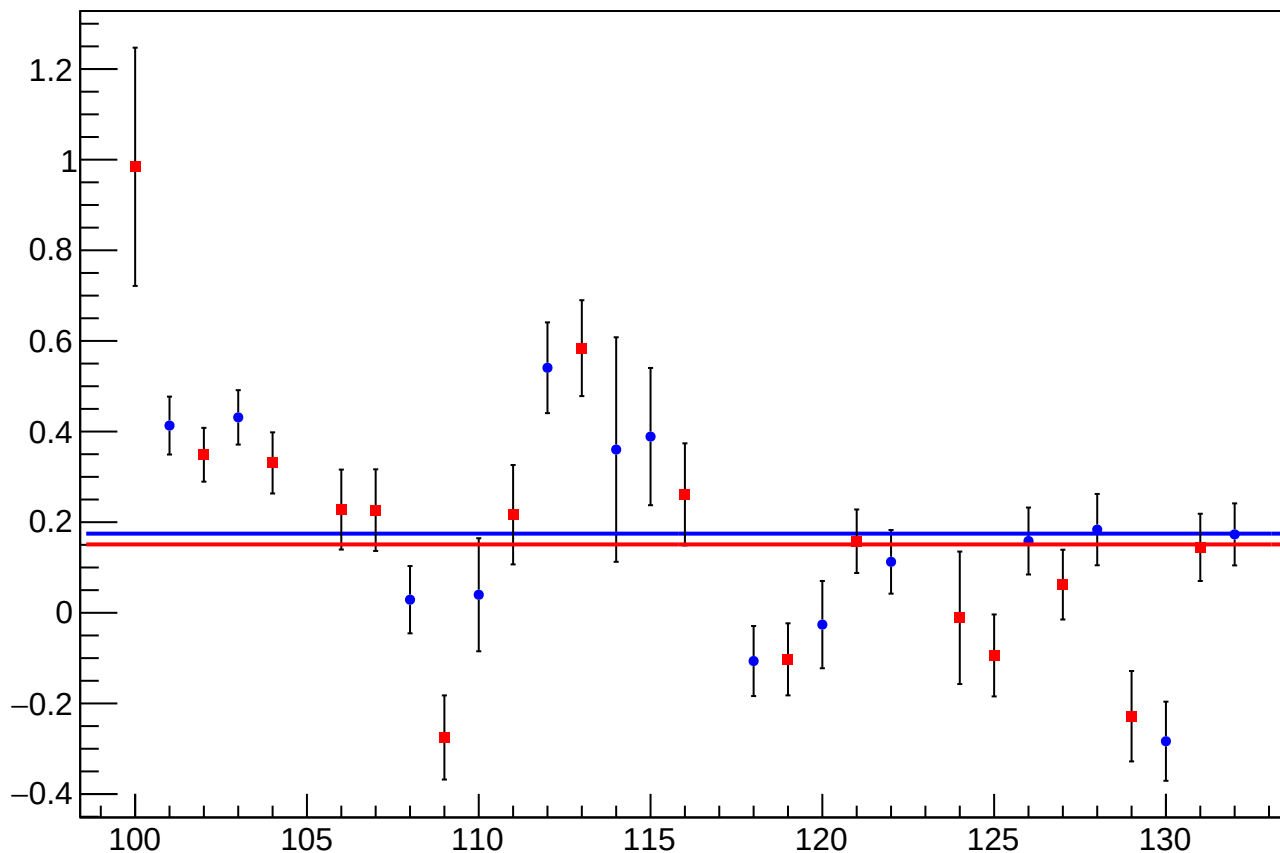
Right: 55.780+/-0.226 χ^2/NDF : 2297.9/29

In: 56.133+/-0.315 χ^2/NDF : 1128.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.780+/-0.226 χ^2/NDF : 2297.9/29

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.175+/-0.022 χ^2/NDF : 99.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.151+/-0.022 χ^2/NDF : 103.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

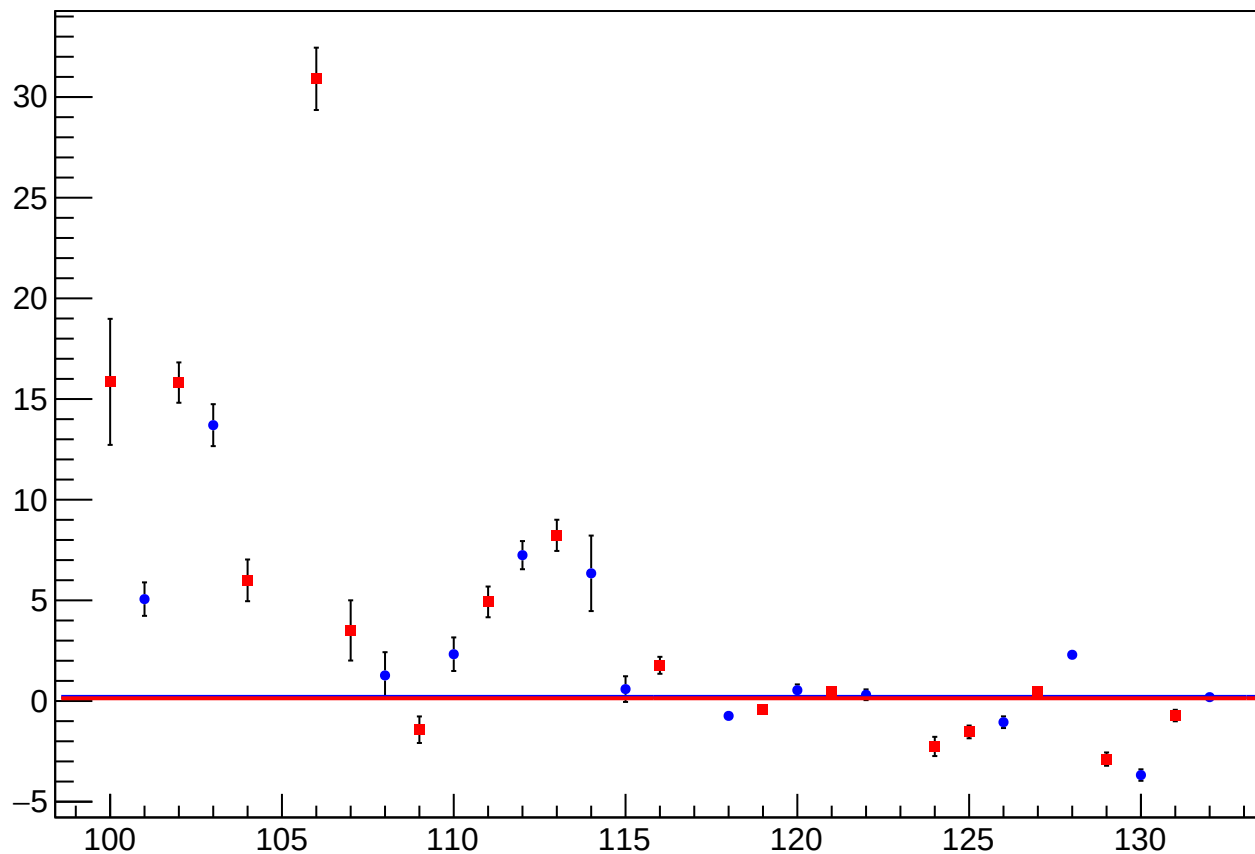
Right: 0.163+/-0.015 χ^2/NDF : 203.1/29

In: 0.175+/-0.022 χ^2/NDF : 99.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.163+/-0.015 χ^2/NDF : 203.1/29

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.205+/-0.096 χ^2/NDF : 613.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.136+/-0.098 χ^2/NDF : 1026.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

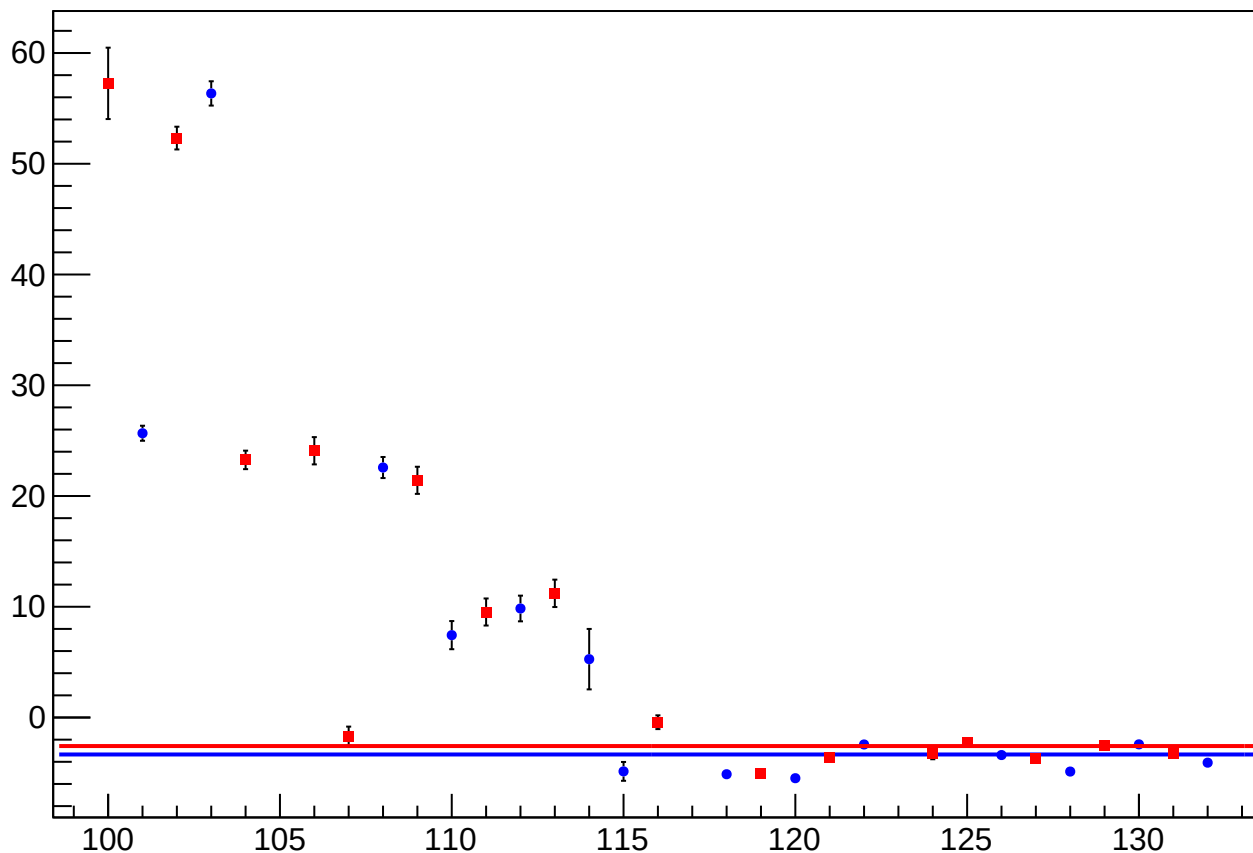
Right: 0.172+/-0.069 χ^2/NDF : 1640.3/29

In: 0.205+/-0.096 χ^2/NDF : 613.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.172+/-0.069 χ^2/NDF : 1640.3/29

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.338 ± 0.084 χ^2/NDF : 6079.8/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.577 ± 0.092 χ^2/NDF : 5564.3/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

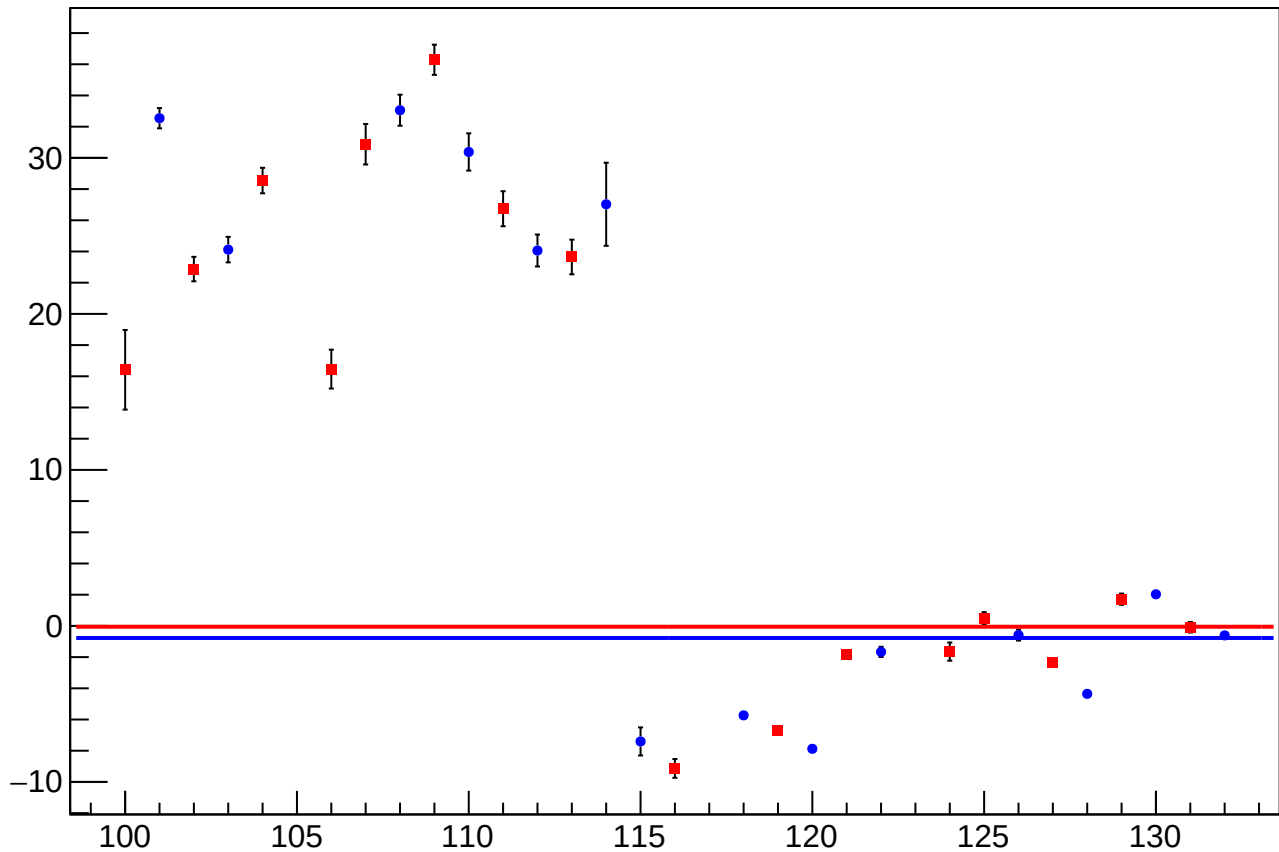
Right: -2.991 ± 0.062 χ^2/NDF : 11681.5/29

In: -3.338 ± 0.084 χ^2/NDF : 6079.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.991 ± 0.062 χ^2/NDF : 11681.5/29

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.773 ± 0.107 χ^2/NDF : 7414.0/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.053 ± 0.111 χ^2/NDF : 6502.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

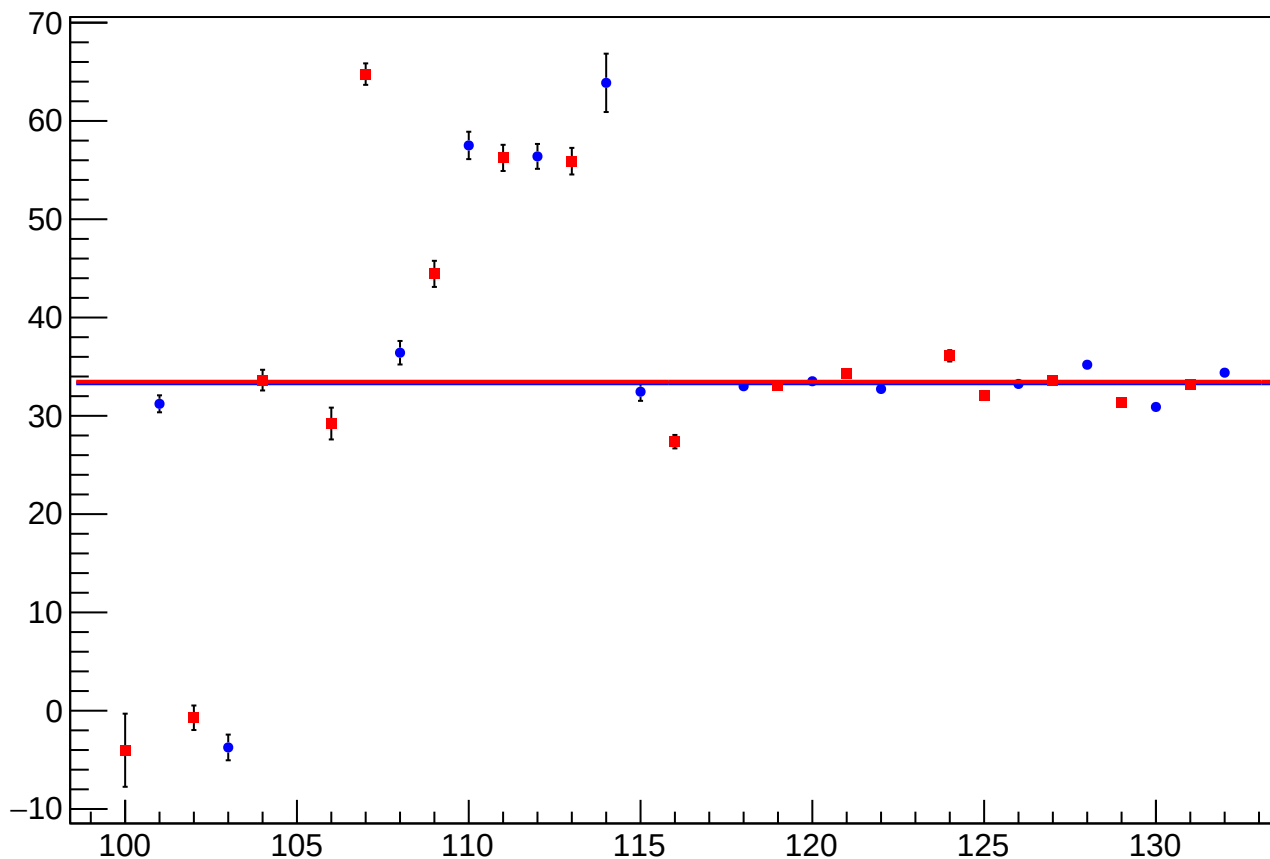
Right: -0.427 ± 0.077 χ^2/NDF : 13938.0/29

In: -0.773 ± 0.107 χ^2/NDF : 7414.0/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.427 ± 0.077 χ^2/NDF : 13938.0/29

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 33.315+/-0.101 χ^2/NDF : 1668.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.468+/-0.107 χ^2/NDF : 2482.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

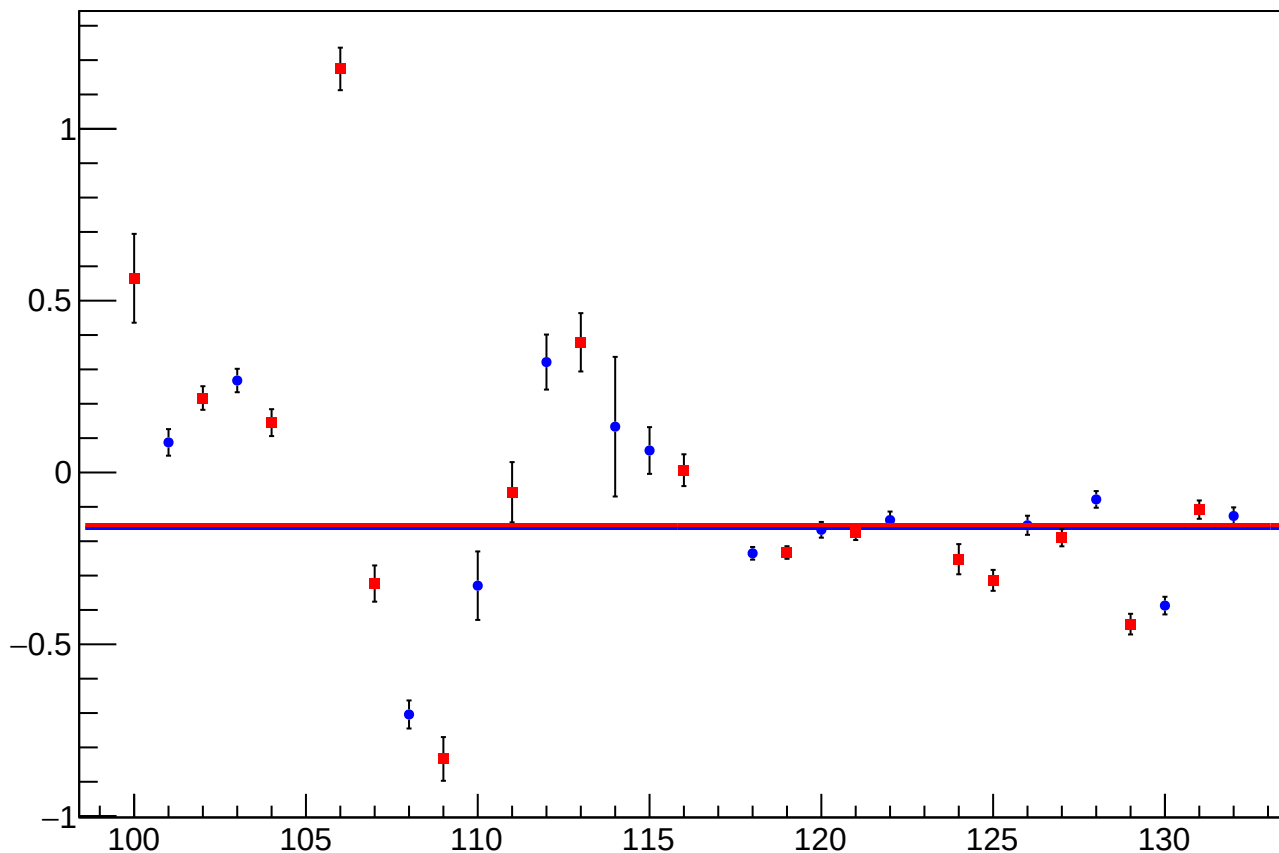
Right: 33.387+/-0.073 χ^2/NDF : 4152.0/29

In: 33.315+/-0.101 χ^2/NDF : 1668.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.387+/-0.073 χ^2/NDF : 4152.0/29

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.161+/-0.008 χ^2/NDF : 537.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.153+/-0.008 χ^2/NDF : 992.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

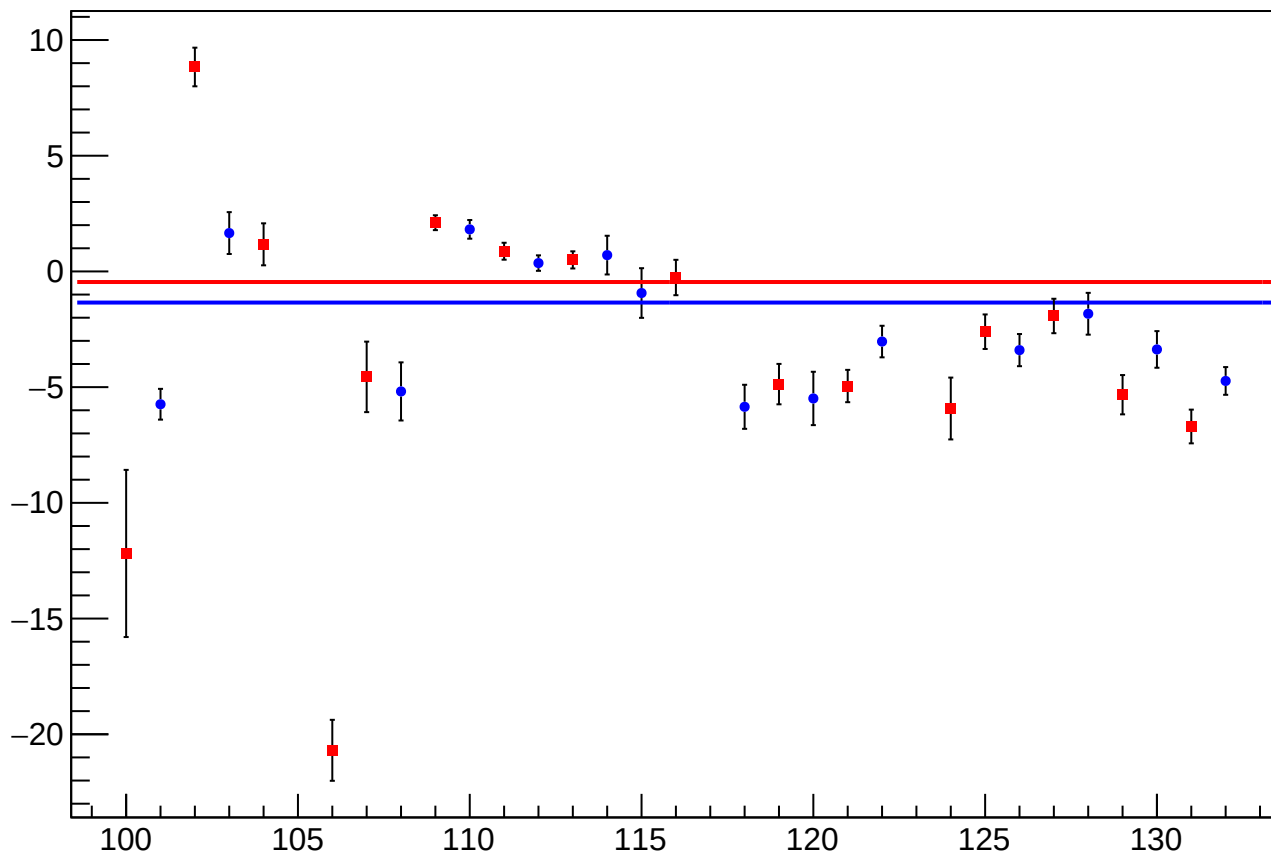
Right: -0.157+/-0.006 χ^2/NDF : 1530.5/29

In: -0.161+/-0.008 χ^2/NDF :537.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.157+/-0.006 χ^2/NDF : 1530.5/29

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.345 ± 0.174 χ^2/NDF : 246.5/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.457 ± 0.157 χ^2/NDF : 666.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

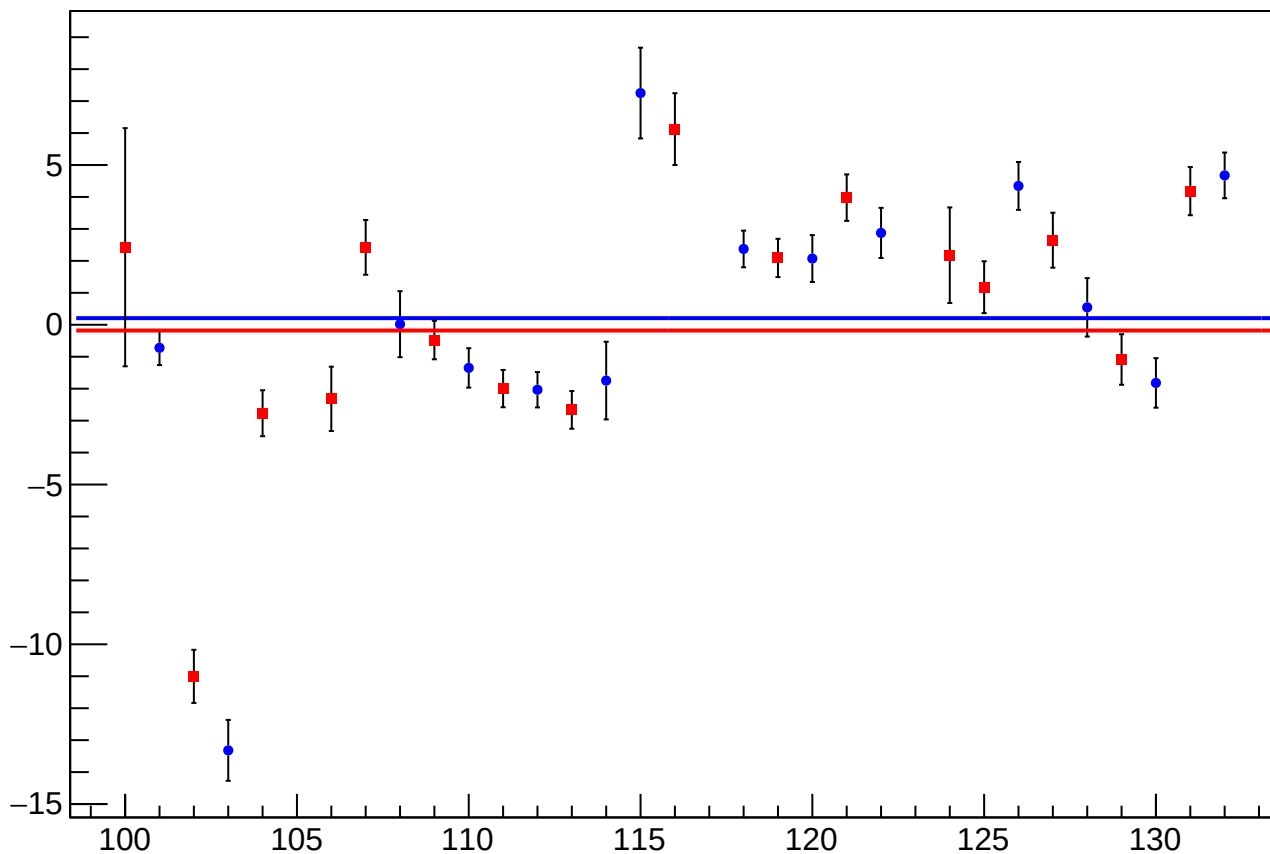
Right: -0.856 ± 0.116 χ^2/NDF : 927.6/29

In: -1.345 ± 0.174 χ^2/NDF : 246.5/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.856 ± 0.116 χ^2/NDF : 927.6/29

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.207+/-0.197 χ^2/NDF : 363.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.180+/-0.194 χ^2/NDF : 353.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

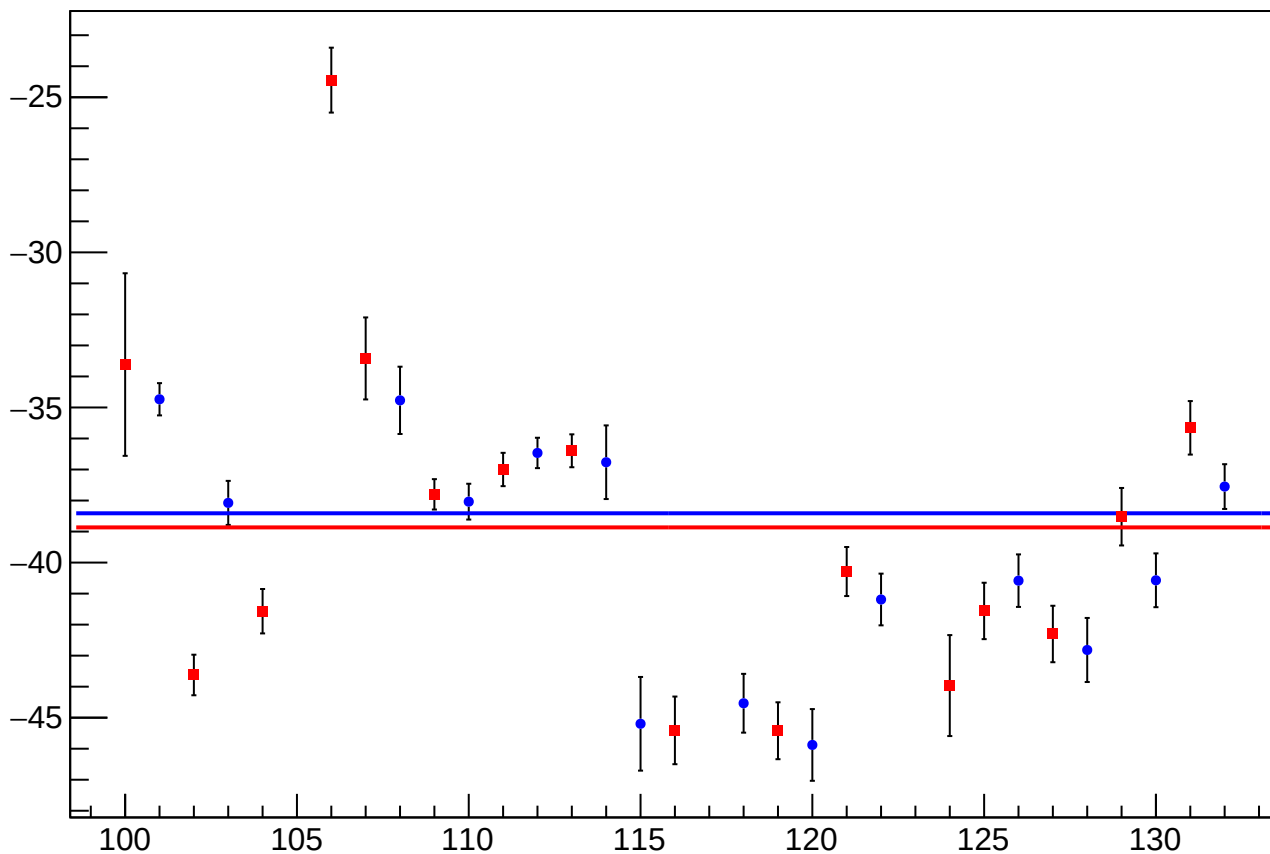
Right: 0.011+/-0.138 χ^2/NDF : 719.0/29

In: 0.207+/-0.197 χ^2/NDF : 363.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.138 χ^2/NDF : 719.0/29

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -38.411 ± 0.205 χ^2/NDF : 226.8/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -38.866 ± 0.196 χ^2/NDF : 452.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

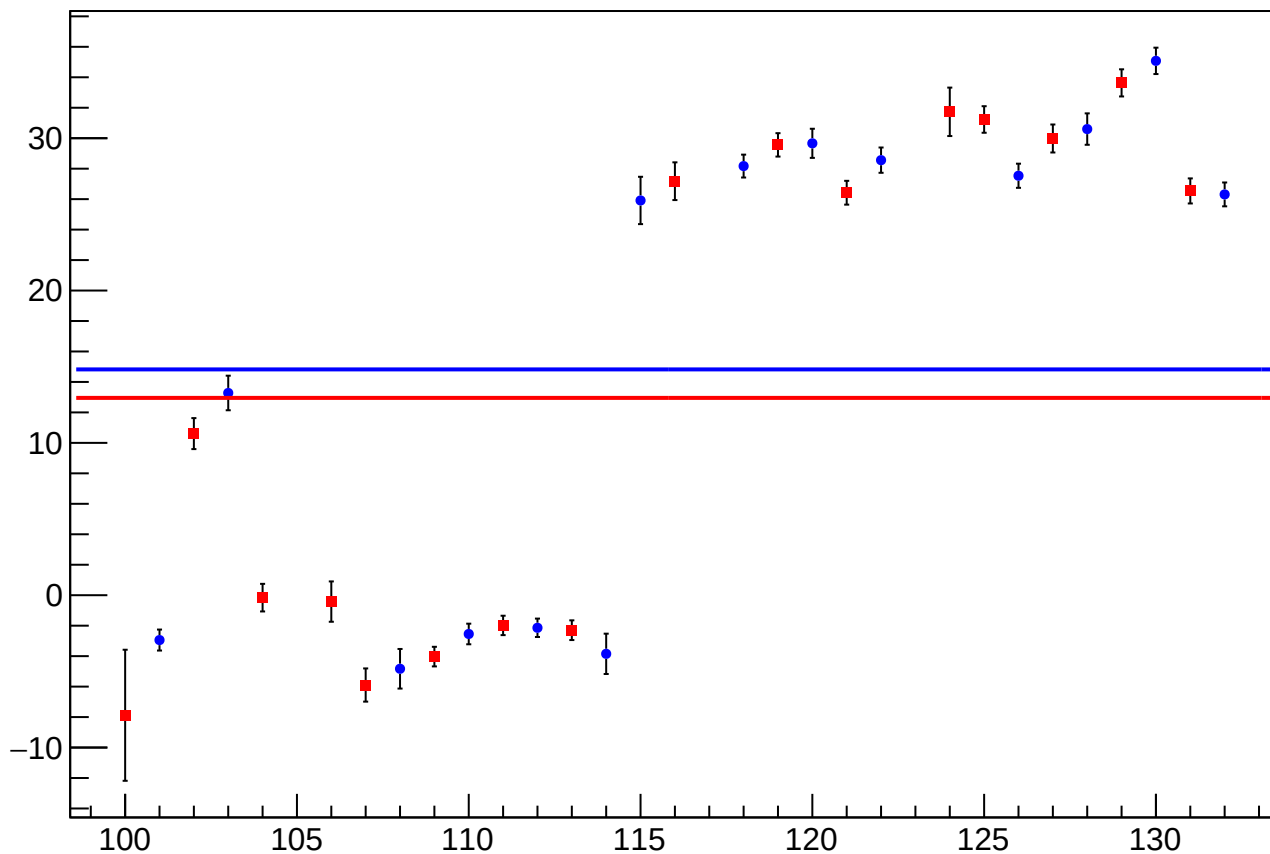
Right: -38.649 ± 0.142 χ^2/NDF : 682.2/29

In: -38.411 ± 0.205 χ^2/NDF : 226.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -38.649 ± 0.142 χ^2/NDF : 682.2/29

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 14.823+/-0.228 χ^2/NDF : 4677.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.953+/-0.221 χ^2/NDF : 5074.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

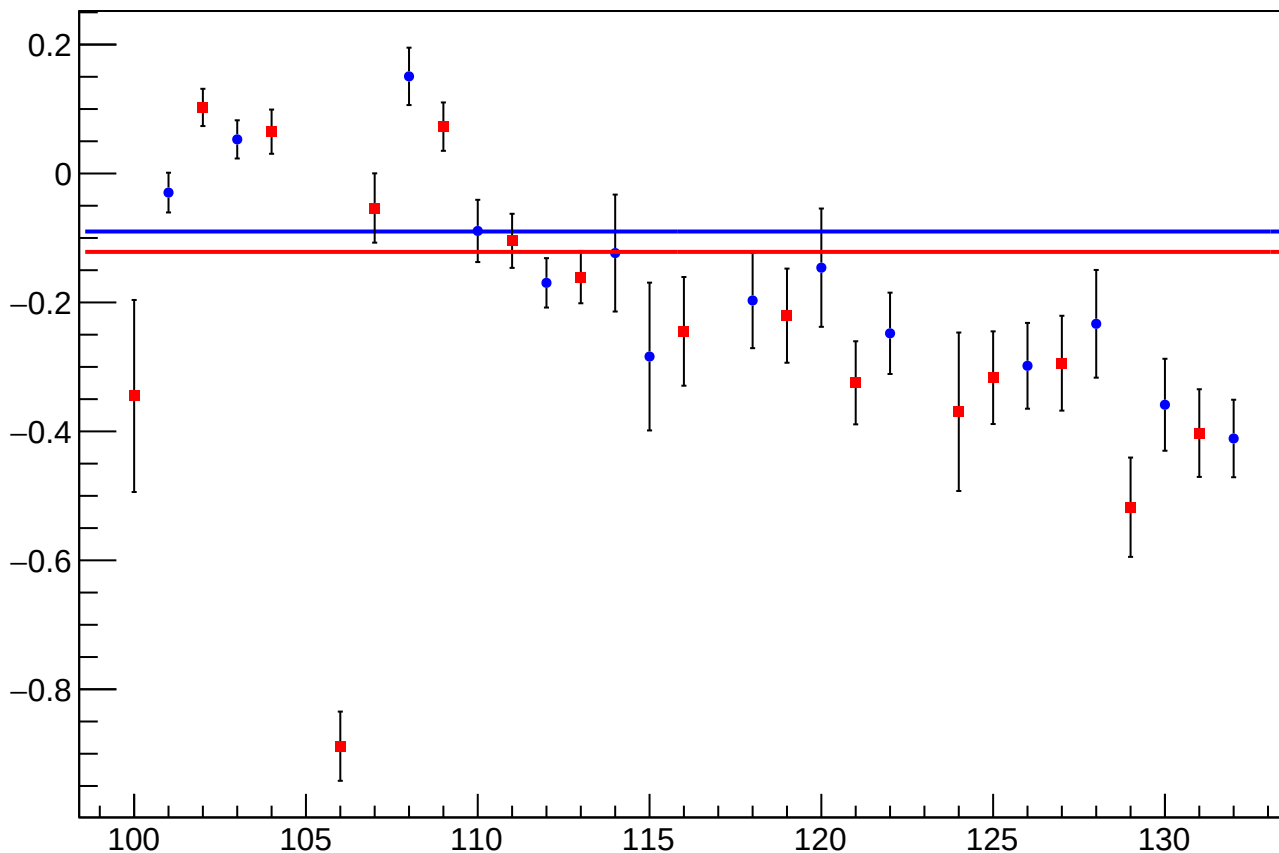
Right: 13.856+/-0.159 χ^2/NDF : 9785.9/29

In: 14.823+/-0.228 χ^2/NDF : 4677.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.856+/-0.159 χ^2/NDF : 9785.9/29

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.090 ± 0.014 χ^2/NDF : 127.8/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.122 ± 0.013 χ^2/NDF : 399.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

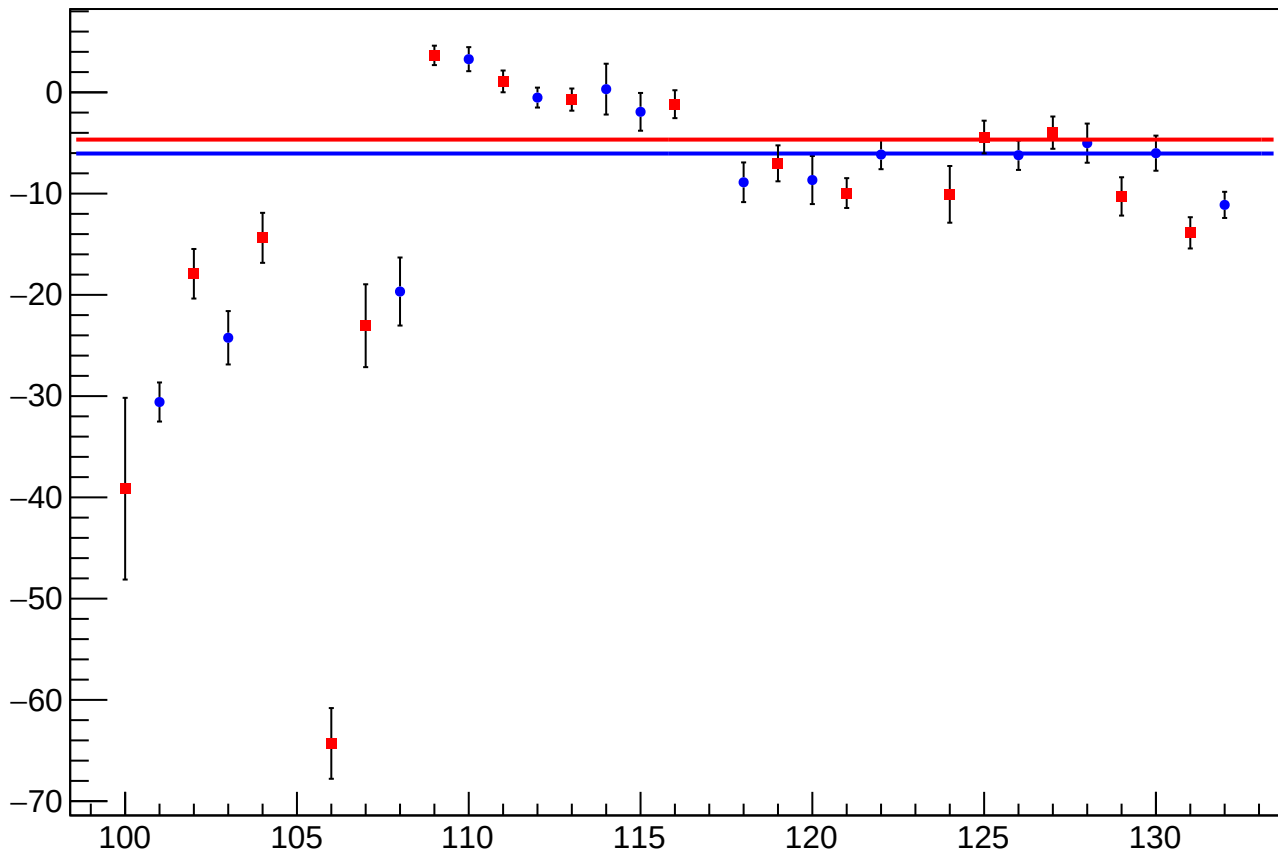
Right: -0.107 ± 0.009 χ^2/NDF : 530.6/29

In: -0.090 ± 0.014 χ^2/NDF : 127.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.107 ± 0.009 χ^2/NDF : 530.6/29

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.042 ± 0.435 χ^2/NDF : 349.3/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.666 ± 0.402 χ^2/NDF : 557.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

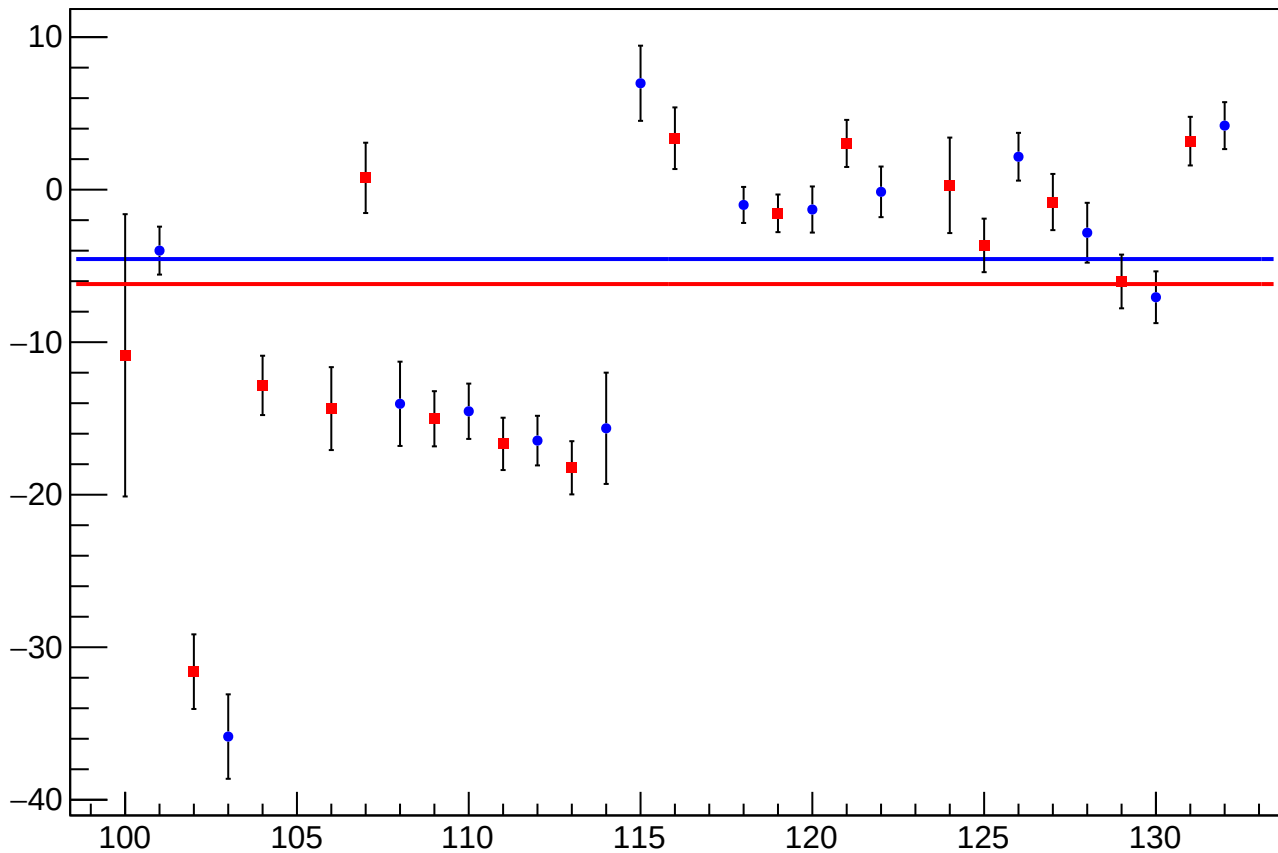
Right: -5.300 ± 0.295 χ^2/NDF : 912.0/29

In: -6.042 ± 0.435 χ^2/NDF : 349.3/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.300 ± 0.295 χ^2/NDF : 912.0/29

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.550 $\pm$ 0.469 χ^2 /NDF: 329.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -6.189 $\pm$ 0.471 χ^2 /NDF: 368.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

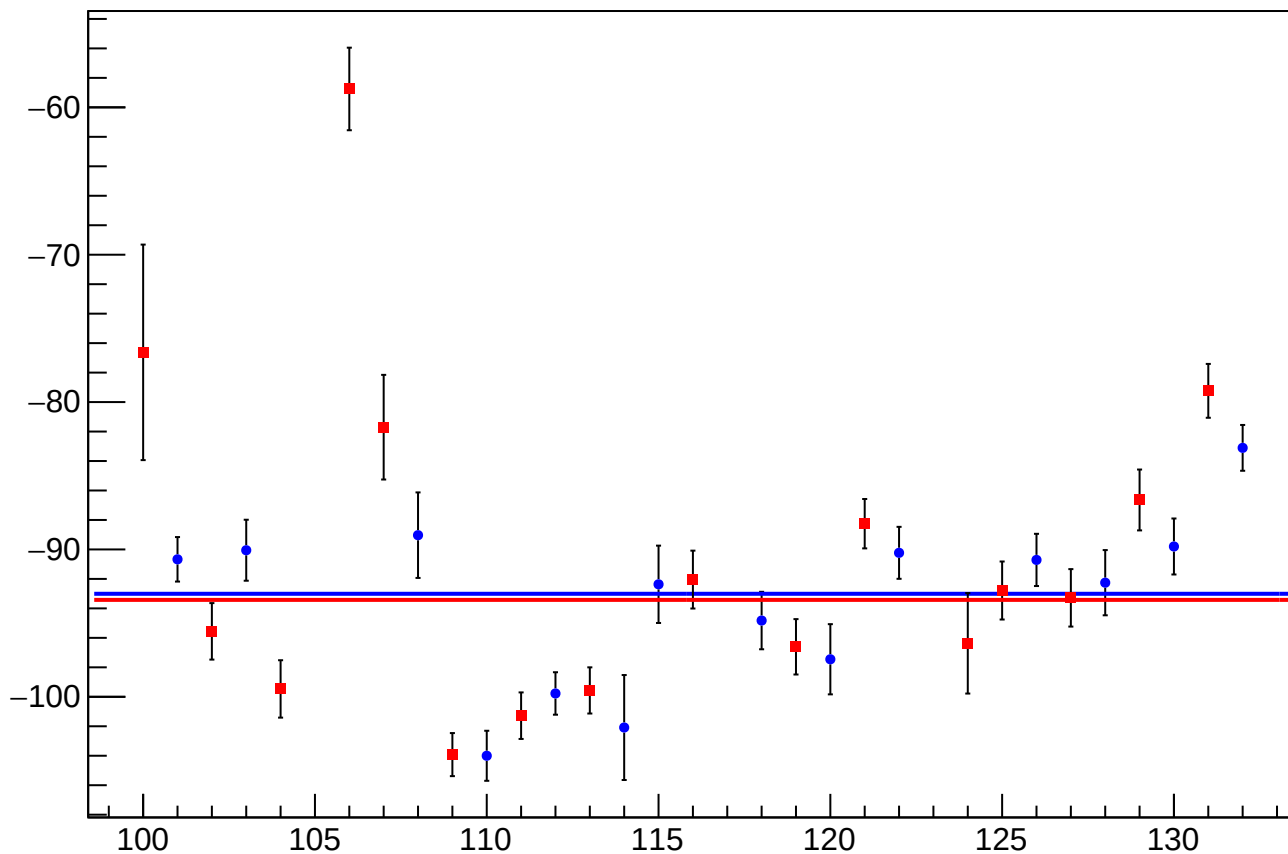
Right: -5.366 $\pm$ 0.333 χ^2 /NDF: 703.6/29

In: -4.550 $\pm$ 0.469 χ^2 /NDF:329.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.366 $\pm$ 0.333 χ^2 /NDF: 703.6/29

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -93.009 $\pm$ 0.512 χ^2 /NDF: 128.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -93.424 $\pm$ 0.495 χ^2 /NDF: 356.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

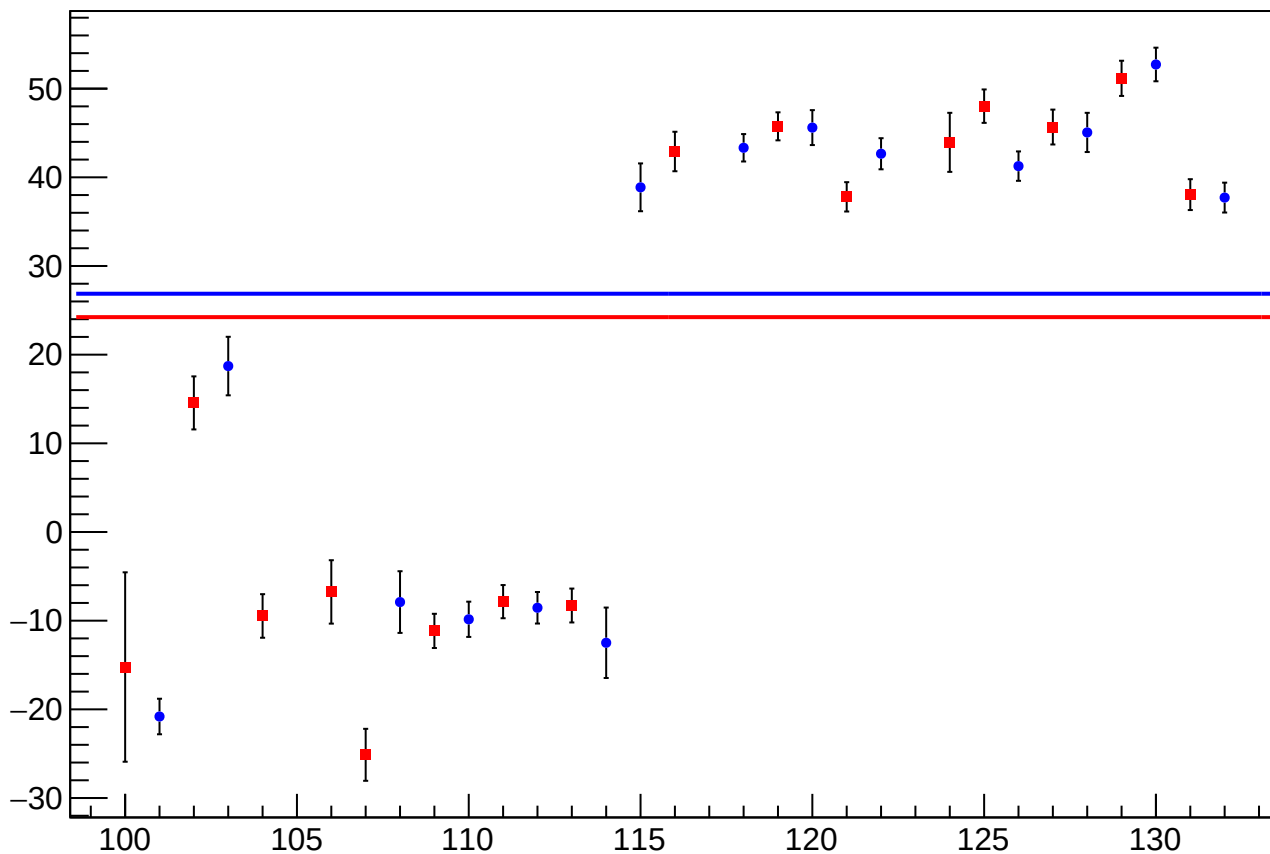
Right: -93.223 $\pm$ 0.356 χ^2 /NDF: 486.0/29

In: -93.009 $\pm$ 0.512 χ^2 /NDF:128.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -93.223 $\pm$ 0.356 χ^2 /NDF: 486.0/29

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 26.872+/-0.543 χ^2/NDF : 2183.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.232+/-0.535 χ^2/NDF : 2374.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

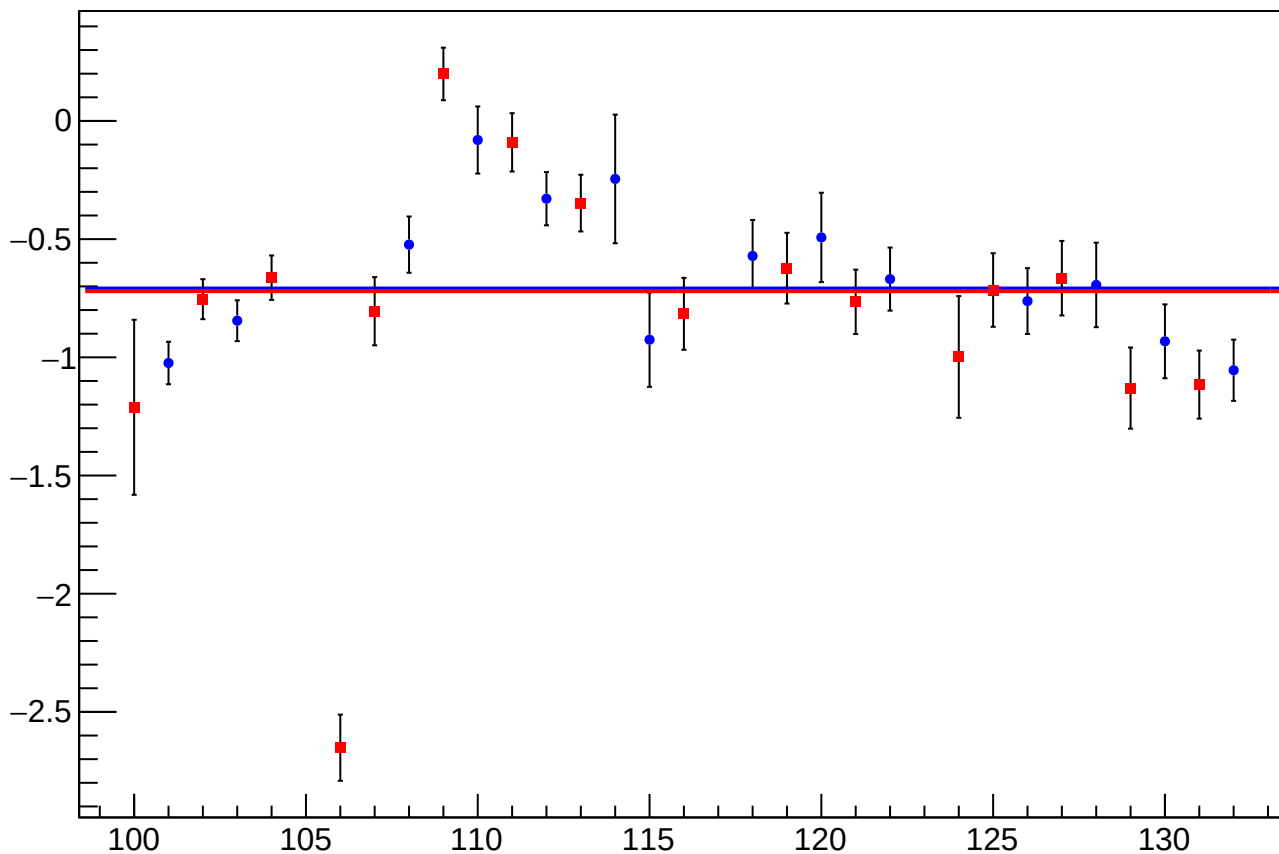
Right: 25.533+/-0.381 χ^2/NDF : 4569.8/29

In: 26.872+/-0.543 χ^2/NDF : 2183.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.533+/-0.381 χ^2/NDF : 4569.8/29

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.709+/-0.035 χ^2/NDF : 63.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.720+/-0.033 χ^2/NDF : 312.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

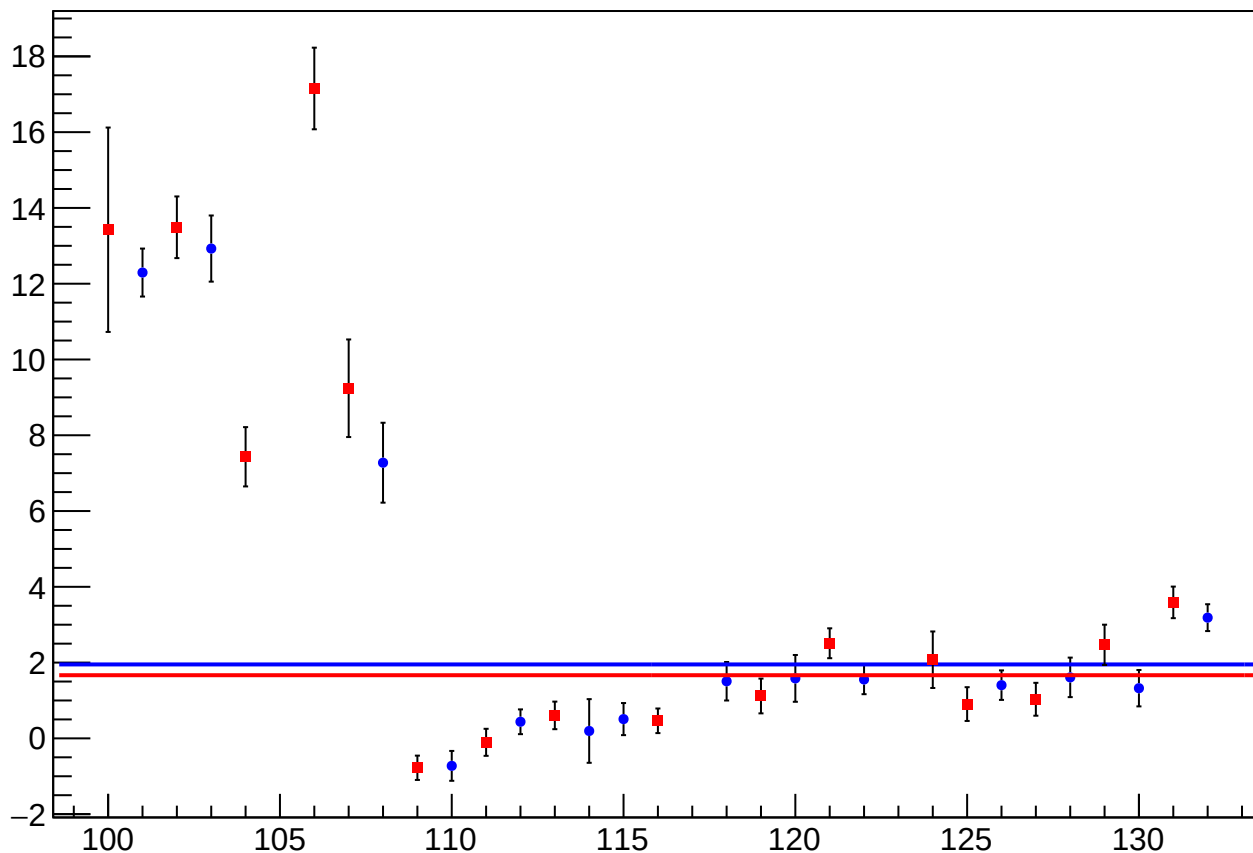
Right: -0.715+/-0.024 χ^2/NDF : 376.4/29

In: -0.709+/-0.035 χ^2/NDF :63.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.715+/-0.024 χ^2/NDF : 376.4/29

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.951+/-0.126 χ^2/NDF : 552.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.667+/-0.118 χ^2/NDF : 665.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

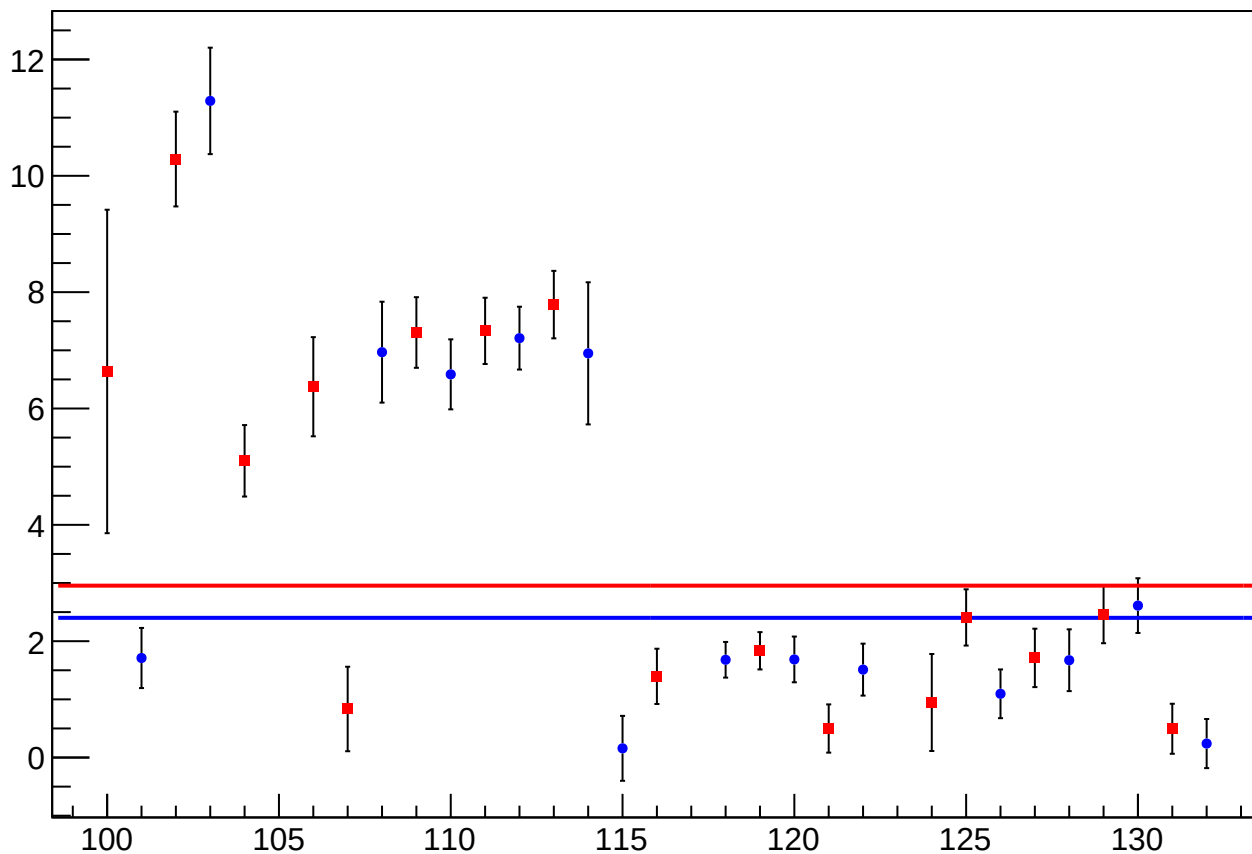
Right: 1.800+/-0.086 χ^2/NDF : 1220.4/29

In: 1.951+/-0.126 χ^2/NDF : 552.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.800+/-0.086 χ^2/NDF : 1220.4/29

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.402 $\pm$ 0.131 χ^2 /NDF: 332.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.955 $\pm$ 0.134 χ^2 /NDF: 404.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

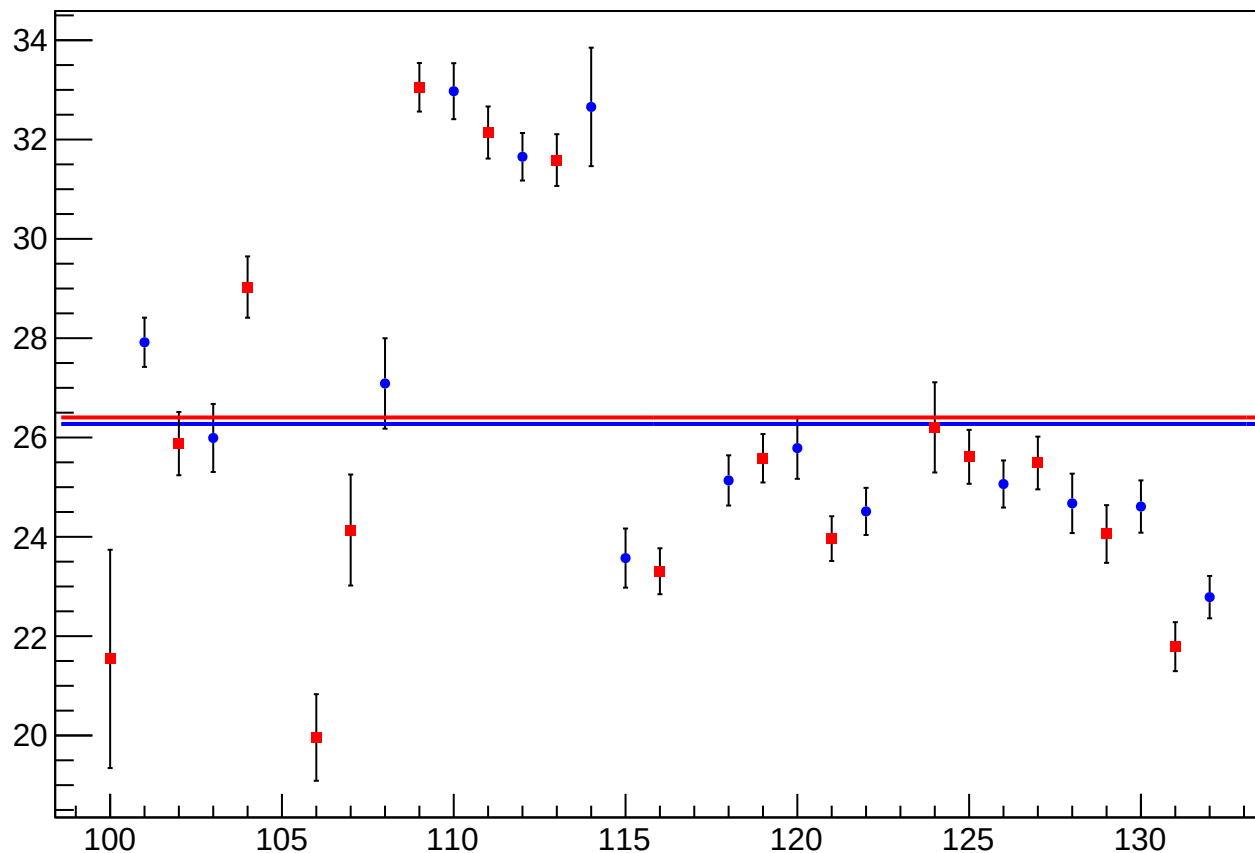
Right: 2.672 $\pm$ 0.094 χ^2 /NDF: 745.5/29

In: 2.402 $\pm$ 0.131 χ^2 /NDF:332.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.672 $\pm$ 0.094 χ^2 /NDF: 745.5/29

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 26.273+/-0.148 χ^2 /NDF: 439.0/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 26.404+/-0.144 χ^2 /NDF: 672.3/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

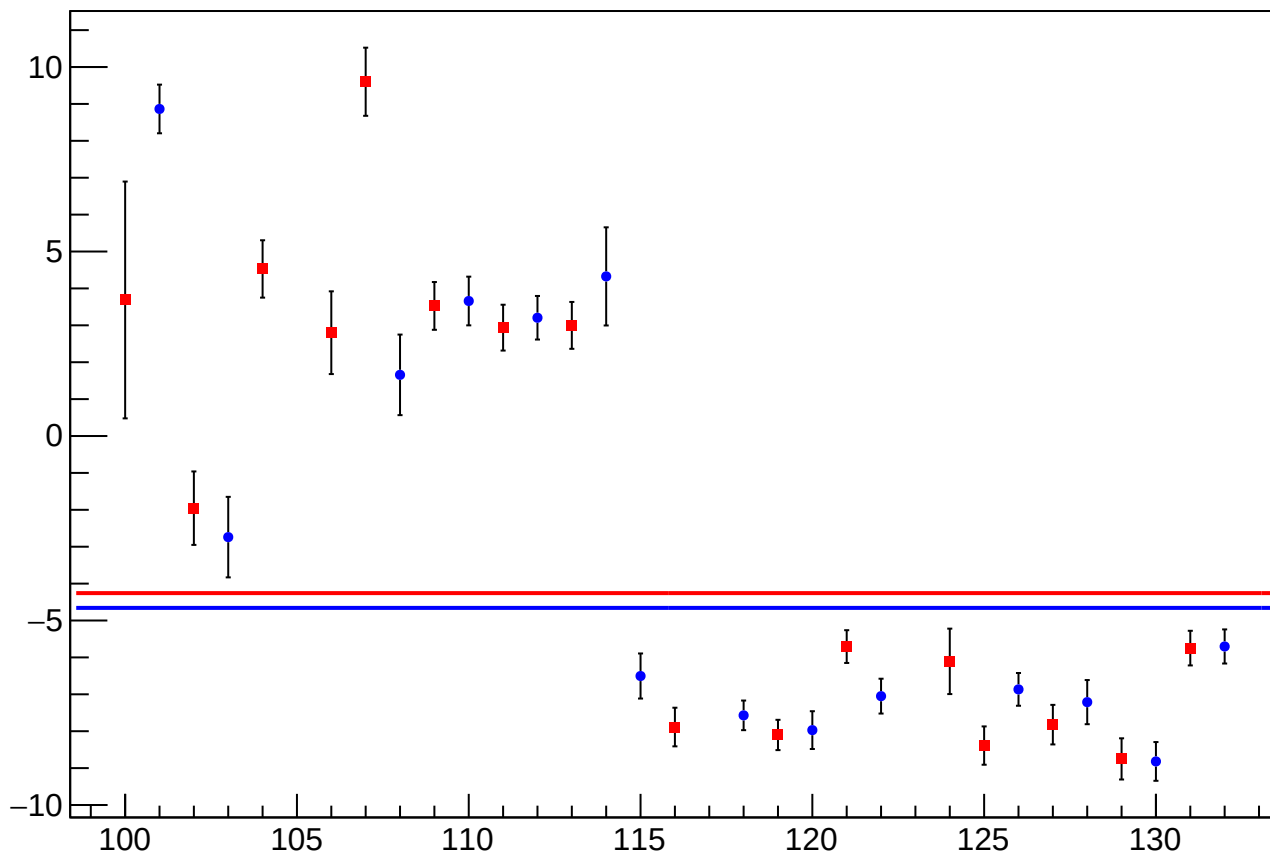
Right: 26.340+/-0.103 χ^2 /NDF: 1111.7/29

In: 26.273+/-0.148 χ^2 /NDF:439.0/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 26.340+/-0.103 χ^2 /NDF: 1111.7/29

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.658+/-0.152 χ^2/NDF : 1079.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.257+/-0.152 χ^2/NDF : 1146.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

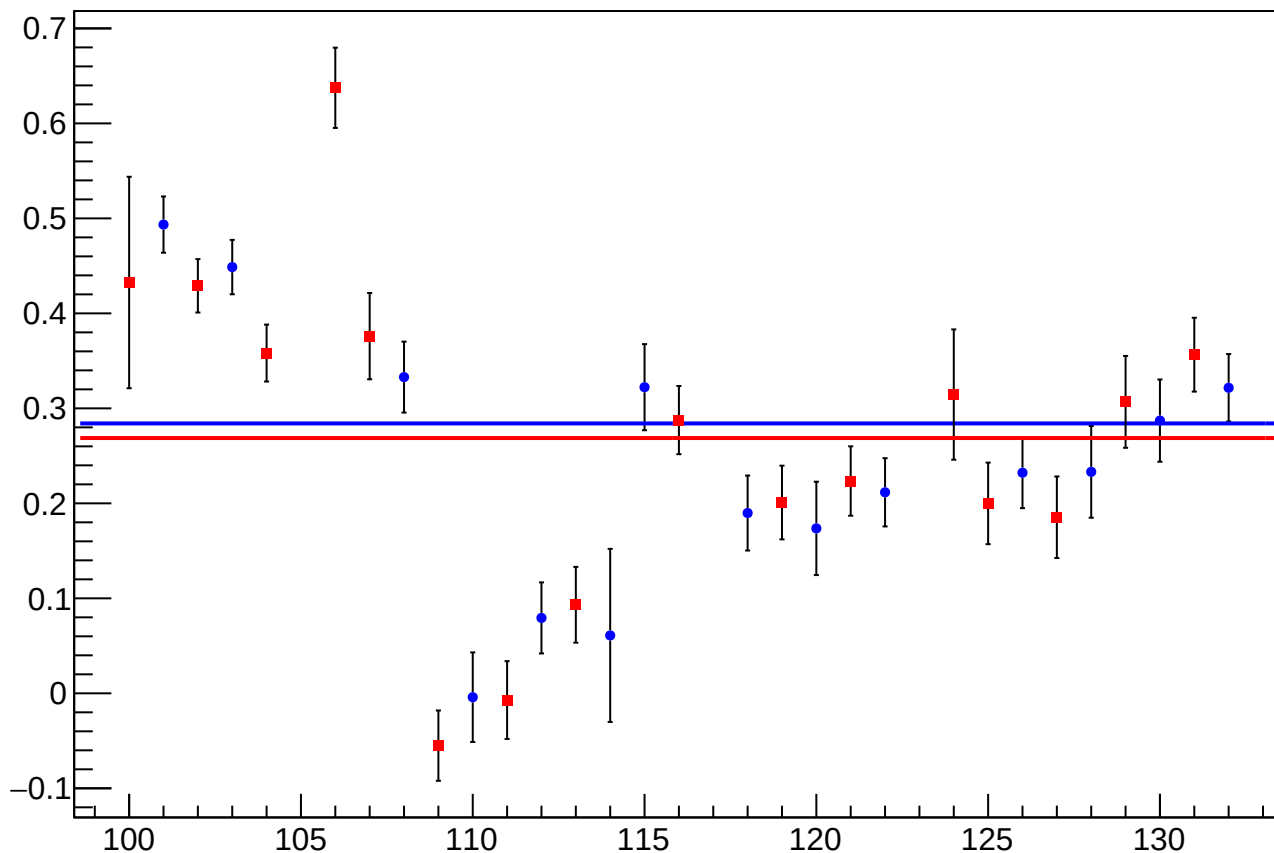
Right: -4.458+/-0.108 χ^2/NDF : 2228.9/29

In: -4.658+/-0.152 χ^2/NDF : 1079.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.458+/-0.108 χ^2/NDF : 2228.9/29

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.284 $\pm$ 0.010 χ^2 /NDF: 177.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.269 $\pm$ 0.010 χ^2 /NDF: 283.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

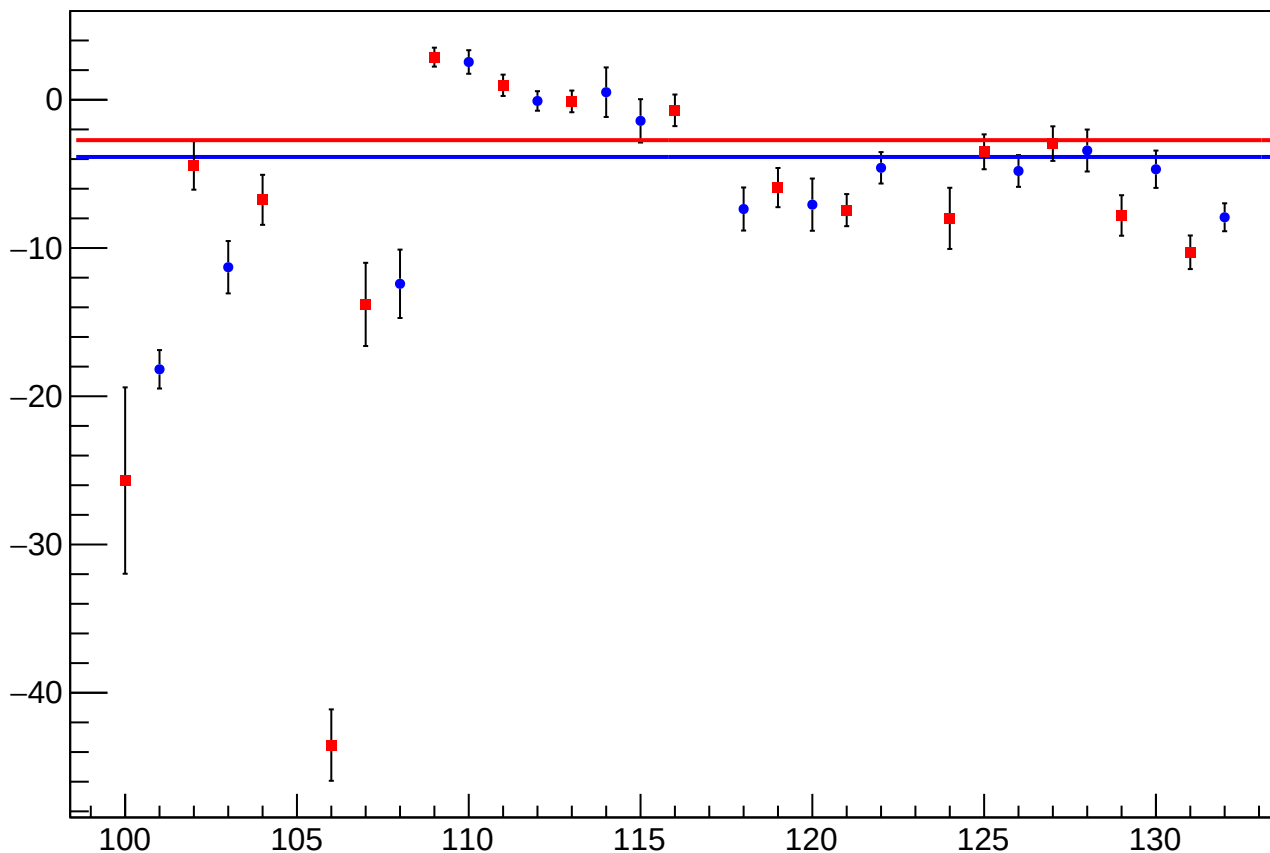
Right: 0.276 $\pm$ 0.007 χ^2 /NDF: 462.9/29

In: 0.284 $\pm$ 0.010 χ^2 /NDF:177.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.276 $\pm$ 0.007 χ^2 /NDF: 462.9/29

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.858+/-0.307 χ^2/NDF : 290.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.724+/-0.282 χ^2/NDF : 532.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

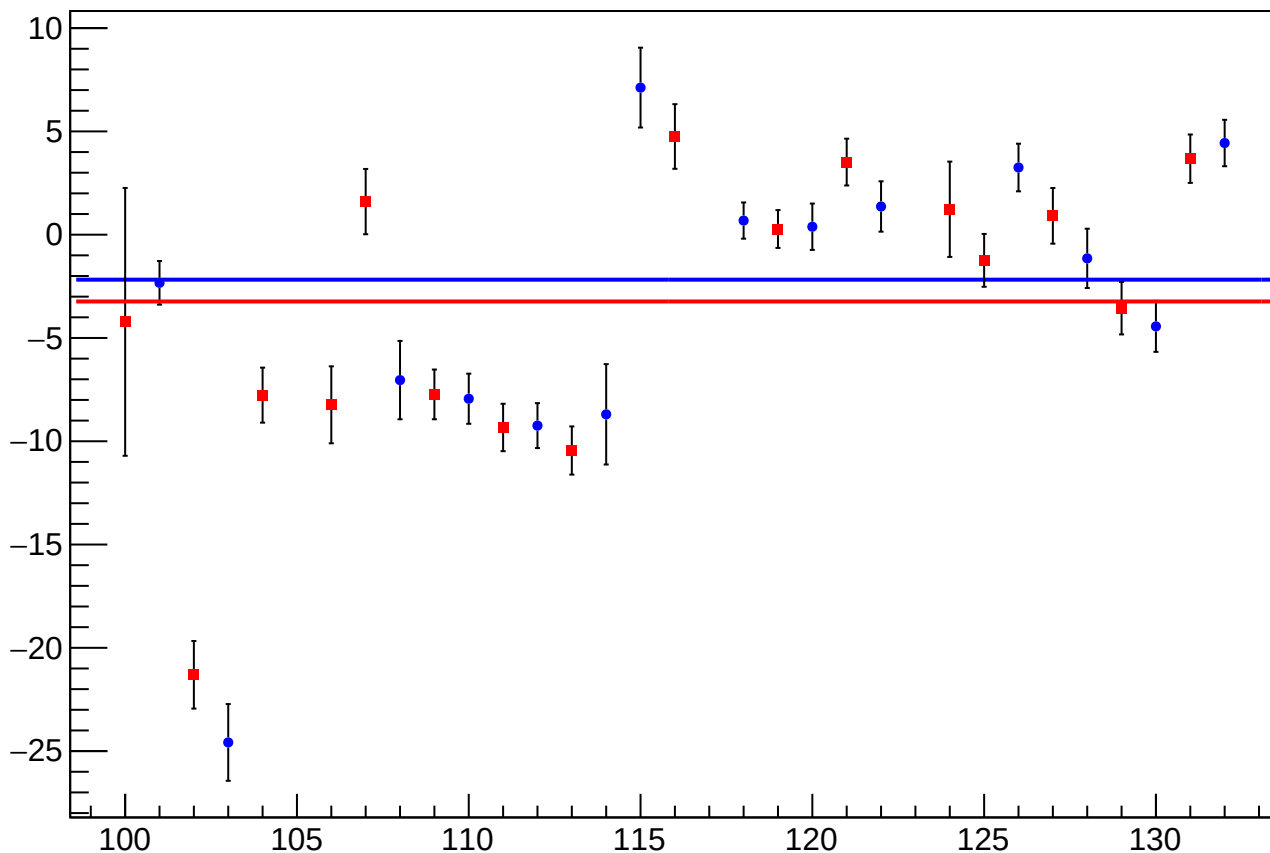
Right: -3.242+/-0.207 χ^2/NDF : 830.7/29

In: -3.858+/-0.307 χ^2/NDF : 290.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.242+/-0.207 χ^2/NDF : 830.7/29

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.177 $\pm$ 0.335 χ^2 /NDF: 332.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.233 $\pm$ 0.335 χ^2 /NDF: 357.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

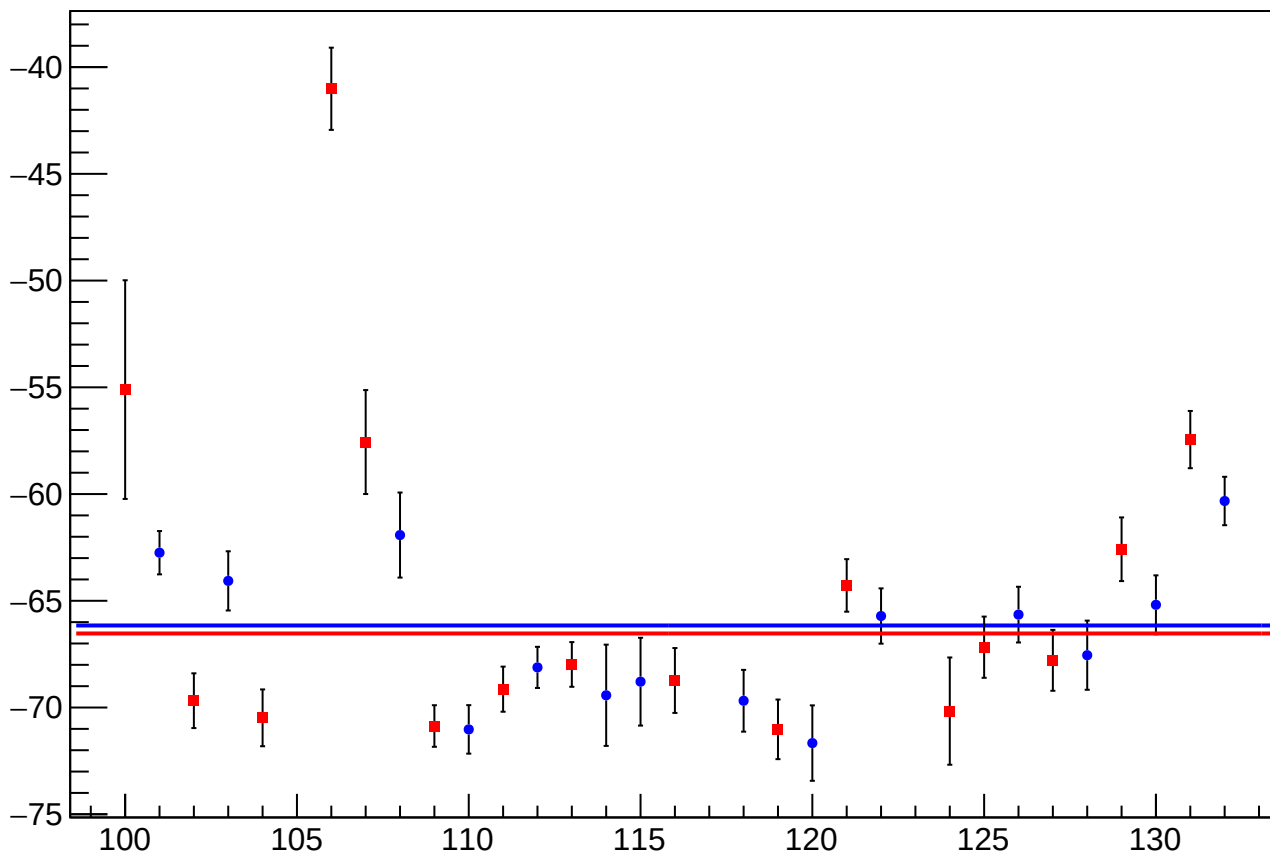
Right: -2.706 $\pm$ 0.237 χ^2 /NDF: 694.8/29

In: -2.177 $\pm$ 0.335 χ^2 /NDF:332.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.706 $\pm$ 0.237 χ^2 /NDF: 694.8/29

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -66.156+/-0.361 χ^2/NDF : 87.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -66.531+/-0.348 χ^2/NDF : 308.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

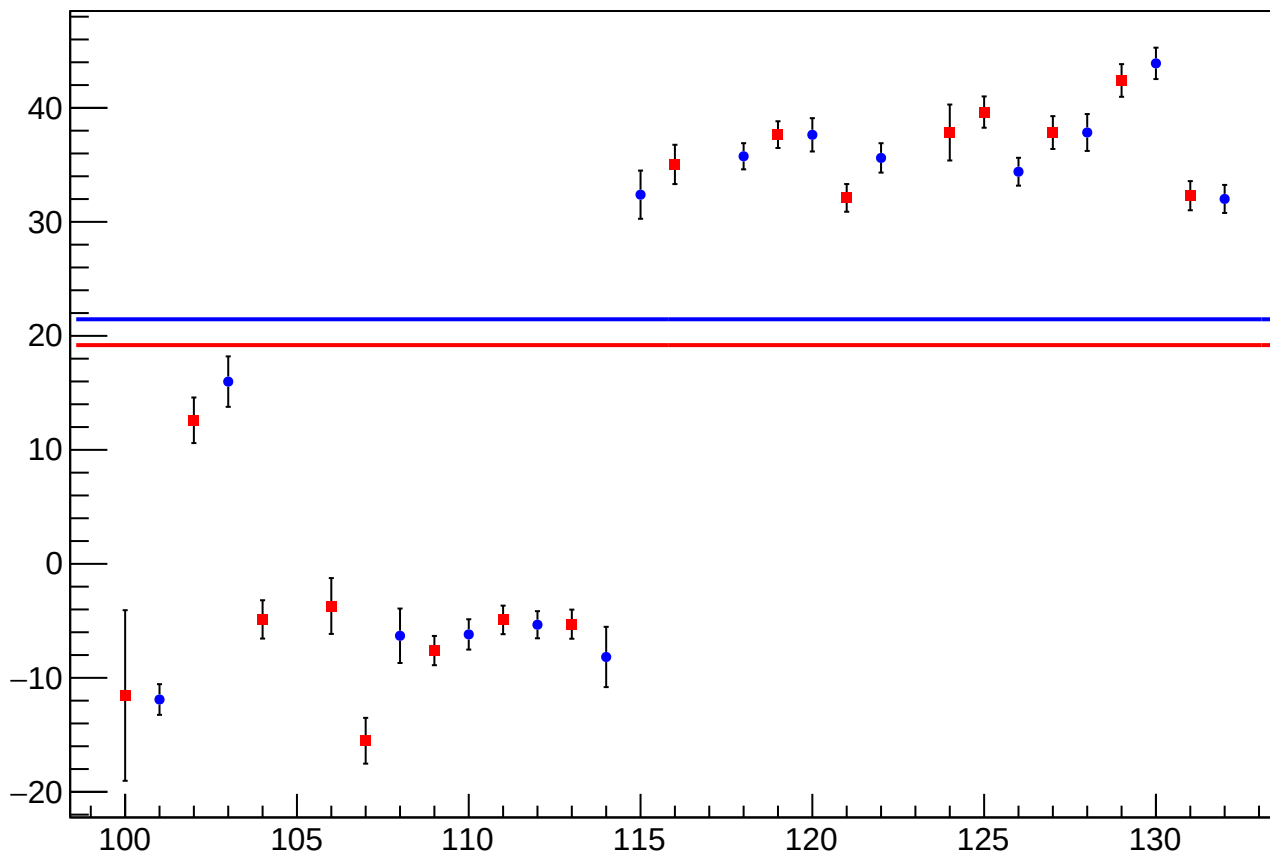
Right: -66.351+/-0.251 χ^2/NDF : 396.8/29

In: -66.156+/-0.361 χ^2/NDF : 87.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -66.351+/-0.251 χ^2/NDF : 396.8/29

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 21.454+/-0.388 χ^2/NDF : 2800.3/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 19.189+/-0.380 χ^2/NDF : 3052.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

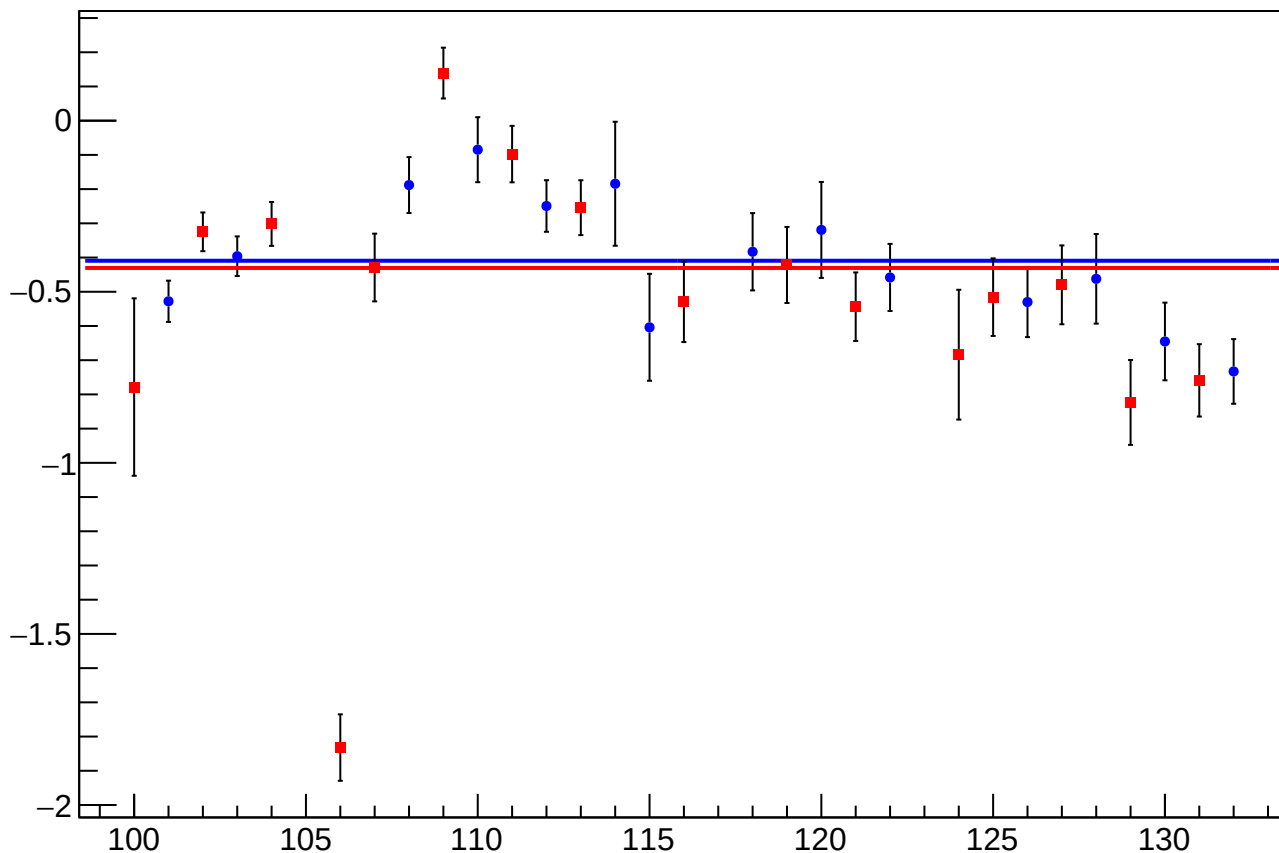
Right: 20.299+/-0.272 χ^2/NDF : 5870.4/29

In: 21.454+/-0.388 χ^2/NDF :2800.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20.299+/-0.272 χ^2/NDF : 5870.4/29

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.409 ± 0.025 χ^2/NDF : 48.8/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.430 ± 0.023 χ^2/NDF : 321.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

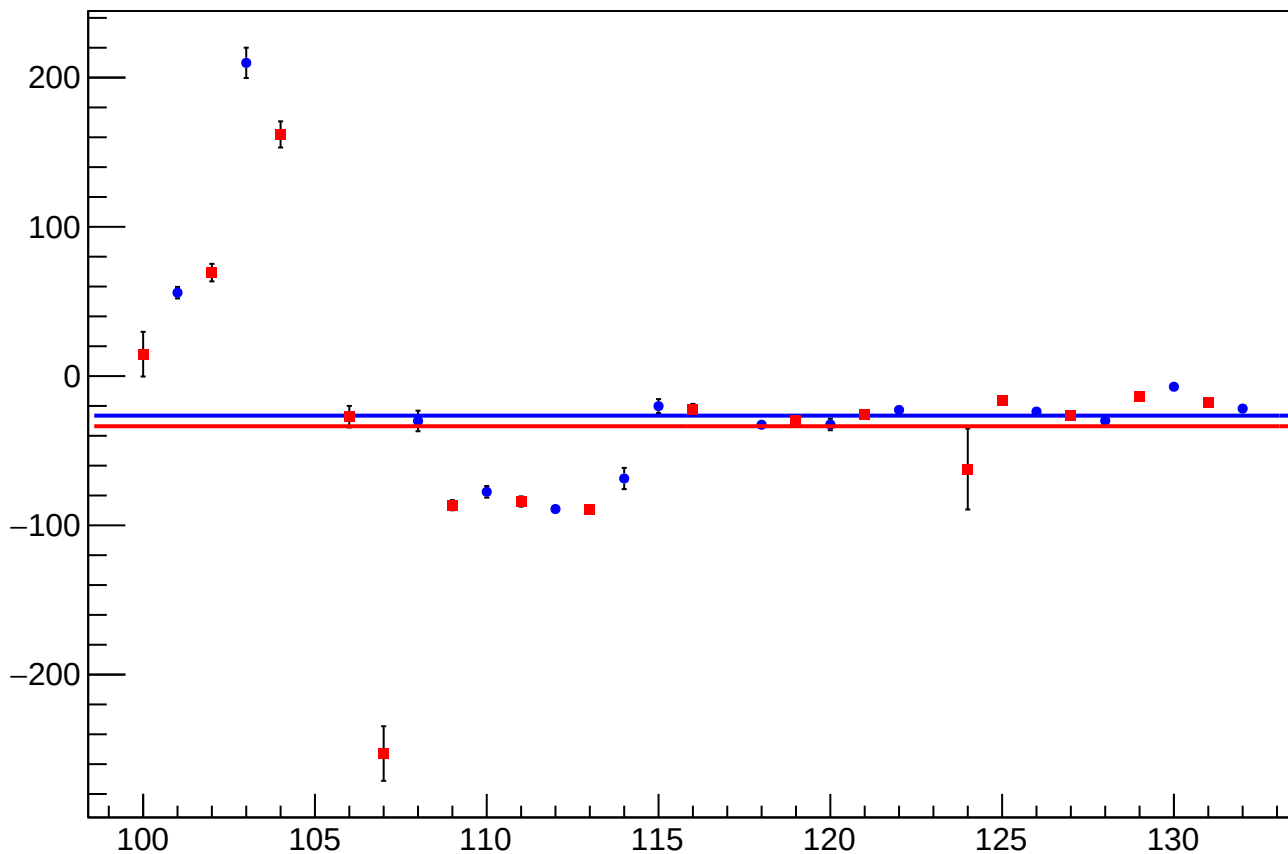
Right: -0.420 ± 0.017 χ^2/NDF : 371.0/29

In: -0.409 ± 0.025 χ^2/NDF : 48.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.420 ± 0.017 χ^2/NDF : 371.0/29

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -26.498 ± 0.941 $\chi^2/\text{NDF}: 1663.0/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -33.598 ± 0.961 $\chi^2/\text{NDF}: 1822.8/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

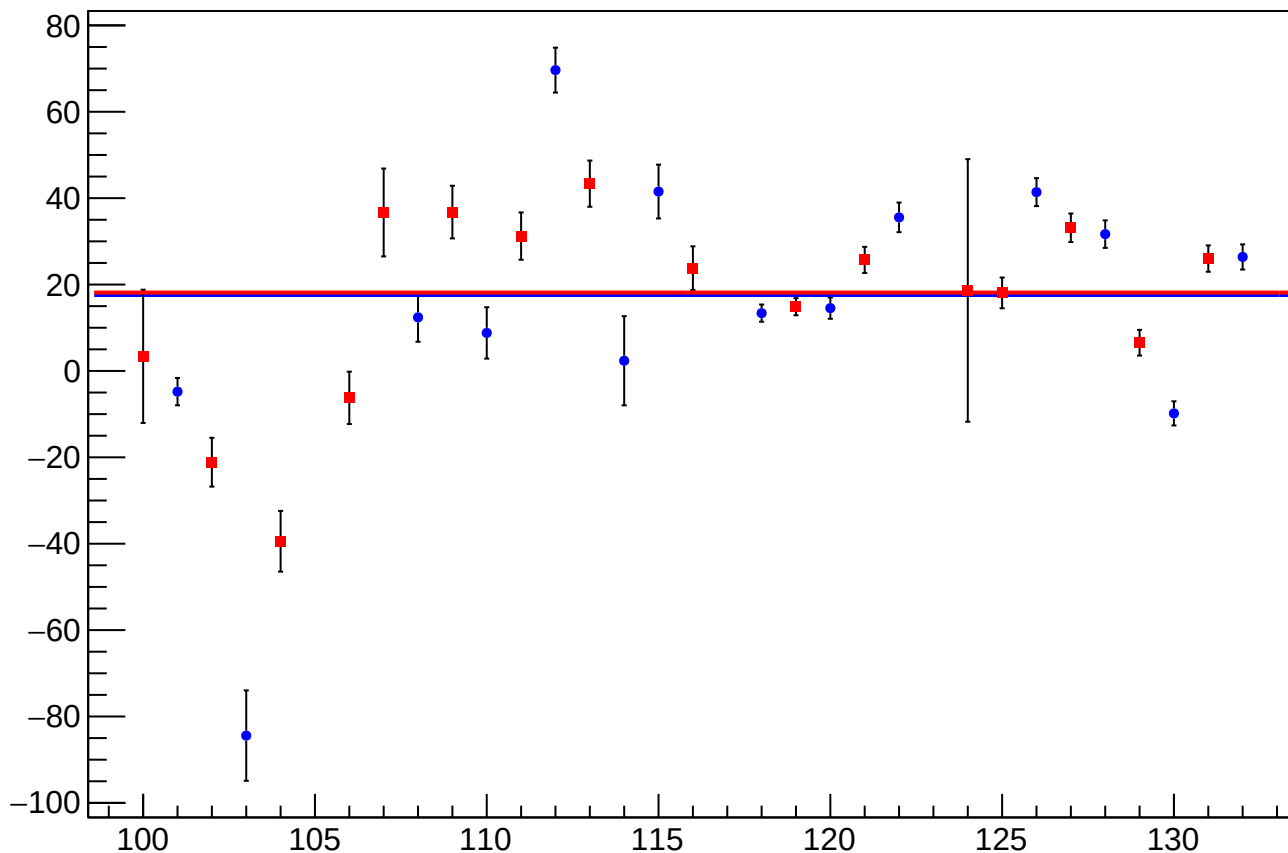
Right: -29.975 ± 0.672 $\chi^2/\text{NDF}: 3513.6/29$

In: -26.498 ± 0.941 $\chi^2/\text{NDF}: 1663.0/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -29.975 ± 0.672 $\chi^2/\text{NDF}: 3513.6/29$

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.577+/-0.920 χ^2/NDF : 477.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.145+/-1.008 χ^2/NDF : 225.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

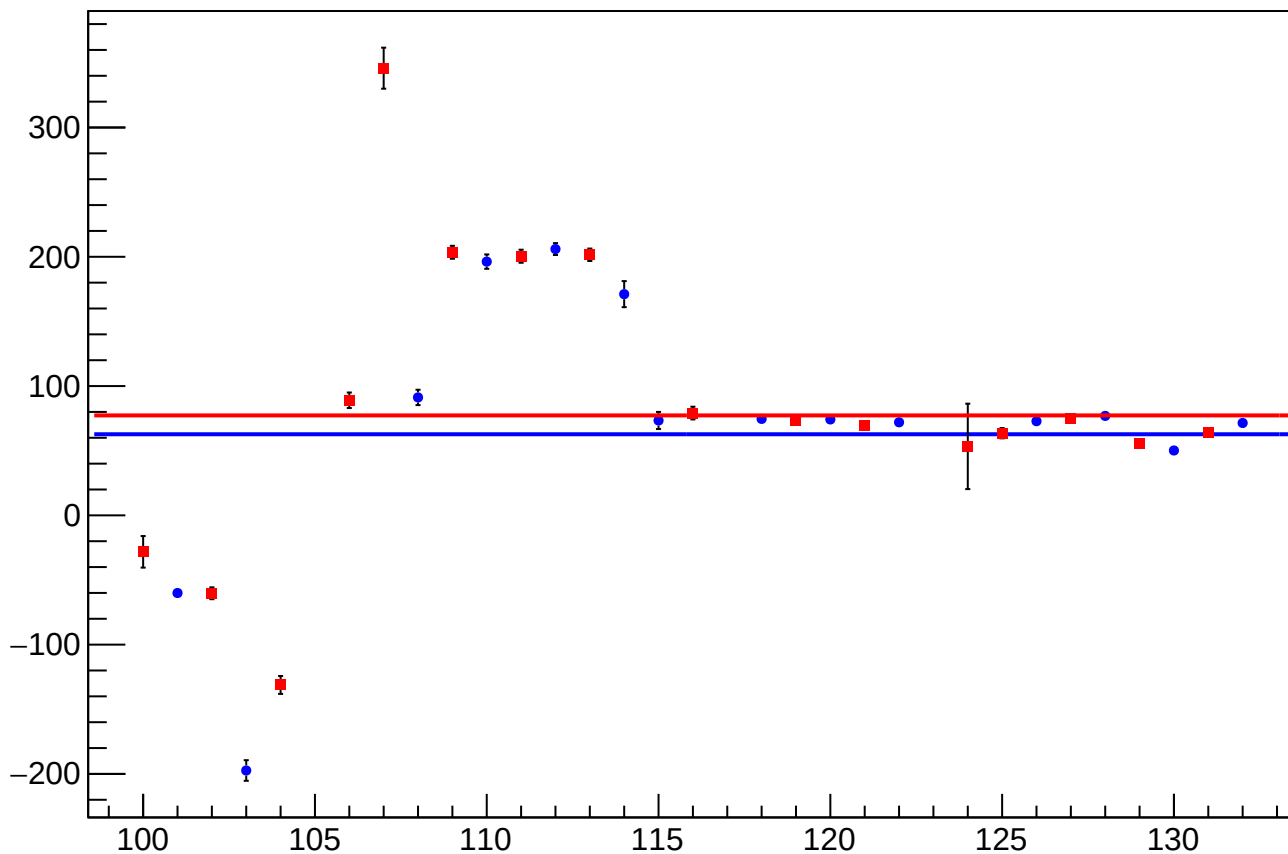
Right: 17.835+/-0.680 χ^2/NDF : 703.7/29

In: 17.577+/-0.920 χ^2/NDF : 477.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.835+/-0.680 χ^2/NDF : 703.7/29

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 62.729+/-1.063 χ^2/NDF : 4483.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.308+/-1.126 χ^2/NDF : 4152.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

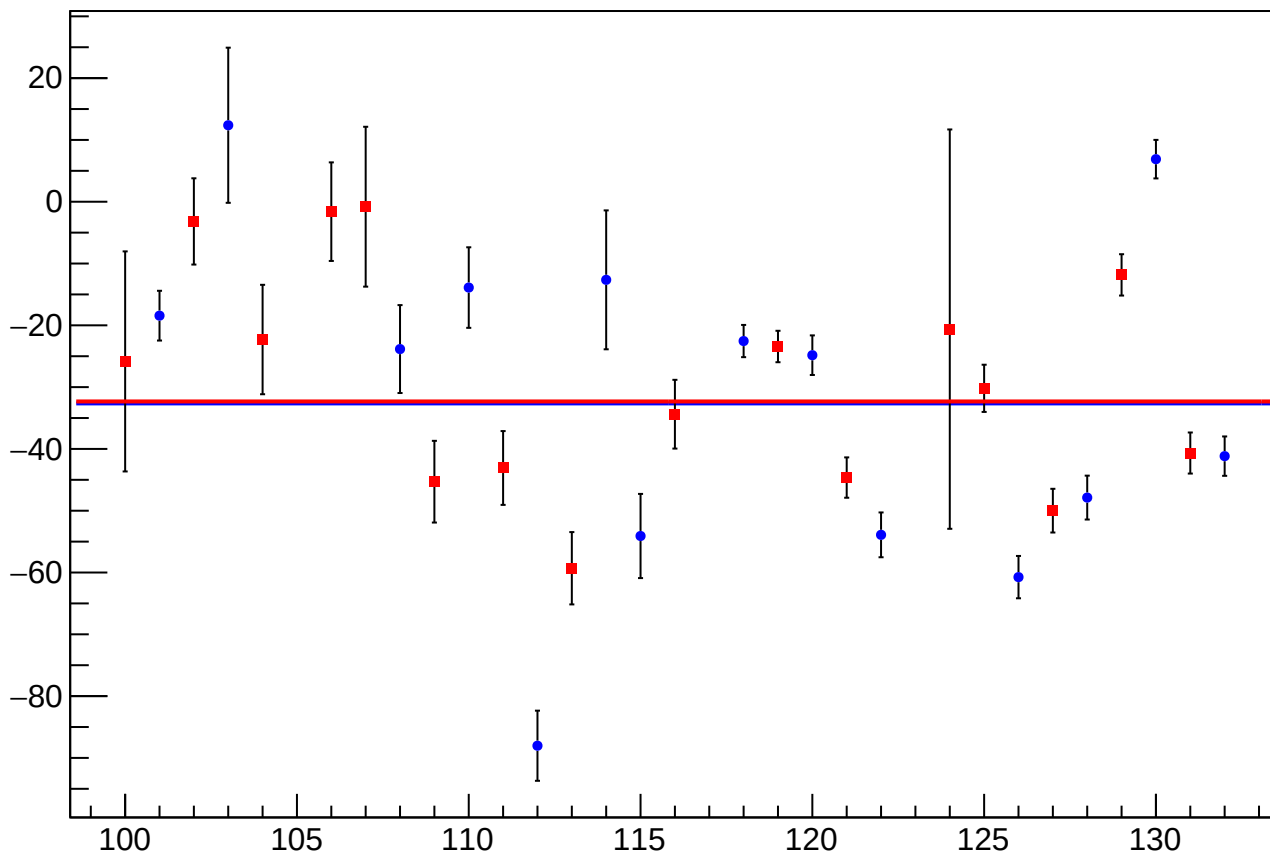
Right: 69.600+/-0.773 χ^2/NDF : 8724.3/29

In: 62.729+/-1.063 χ^2/NDF : 4483.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.600+/-0.773 χ^2/NDF : 8724.3/29

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.634+/-1.079 χ^2/NDF : 452.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -32.317+/-1.156 χ^2/NDF : 163.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

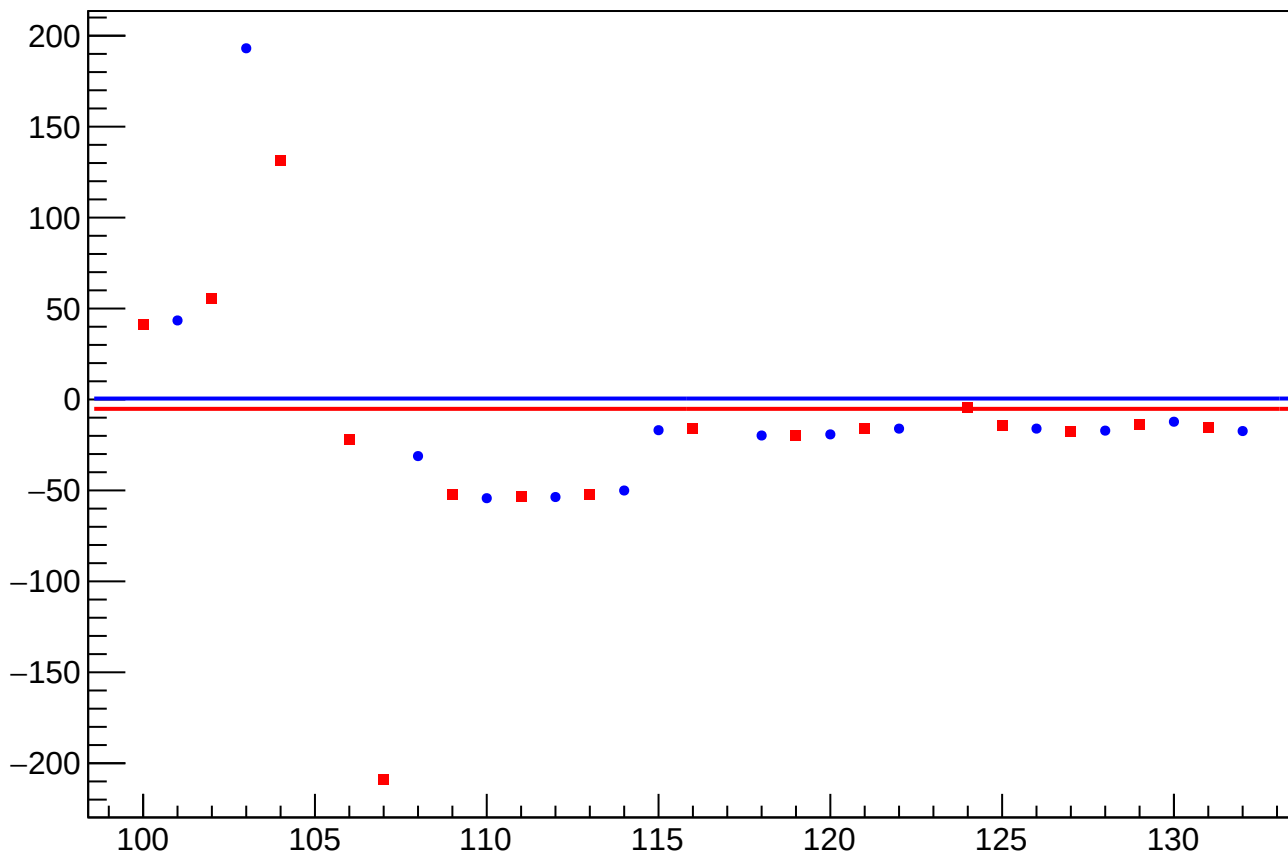
Right: -32.486+/-0.789 χ^2/NDF : 616.4/29

In: -32.634+/-1.079 χ^2/NDF : 452.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.486+/-0.789 χ^2/NDF : 616.4/29

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.518+/-0.076 χ^2/NDF : 473961.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.154+/-0.079 χ^2/NDF : 421518.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

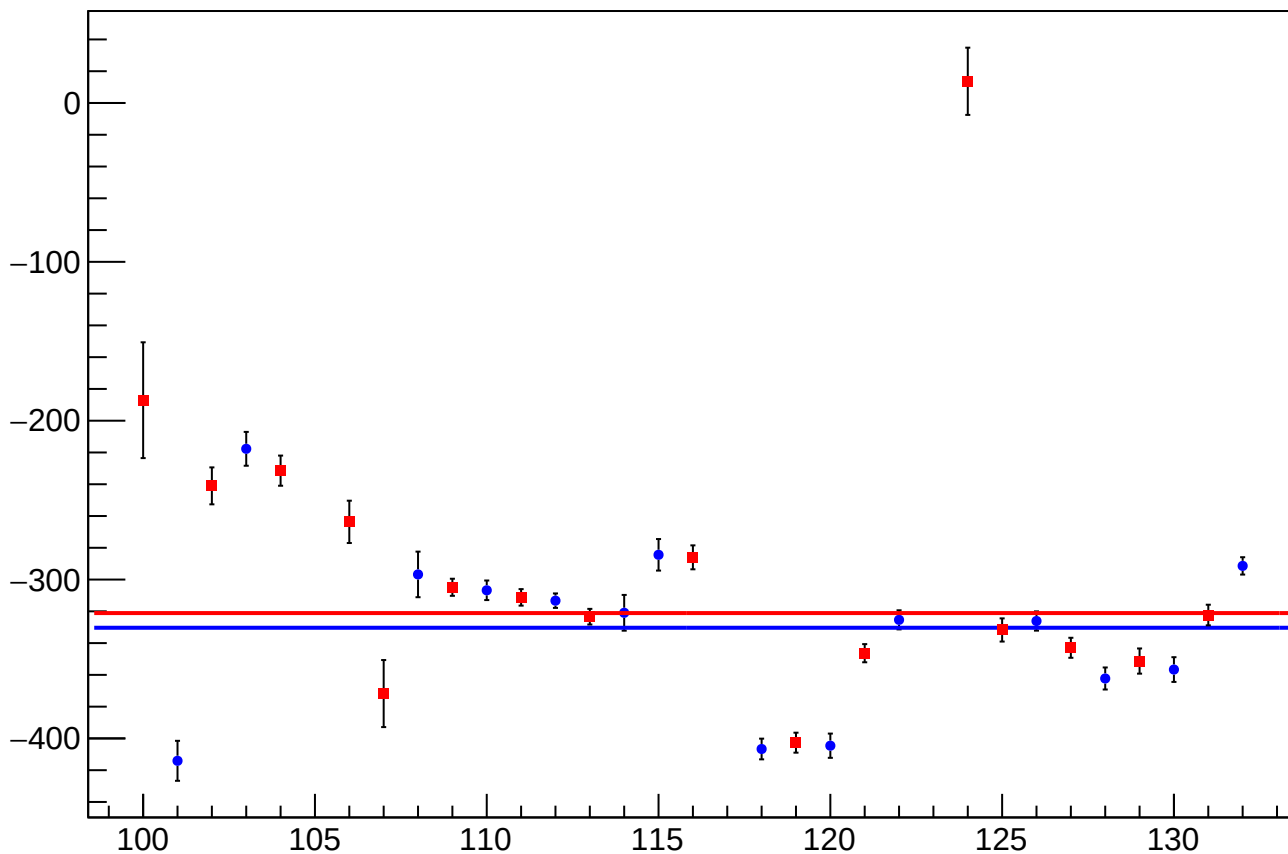
Right: -2.216+/-0.055 χ^2/NDF : 898133.4/29

In: 0.518+/-0.076 χ^2/NDF : 473961.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.216+/-0.055 χ^2/NDF : 898133.4/29

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -330.335+/-1.893 χ^2/NDF : 528.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -321.096+/-1.827 χ^2/NDF : 675.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

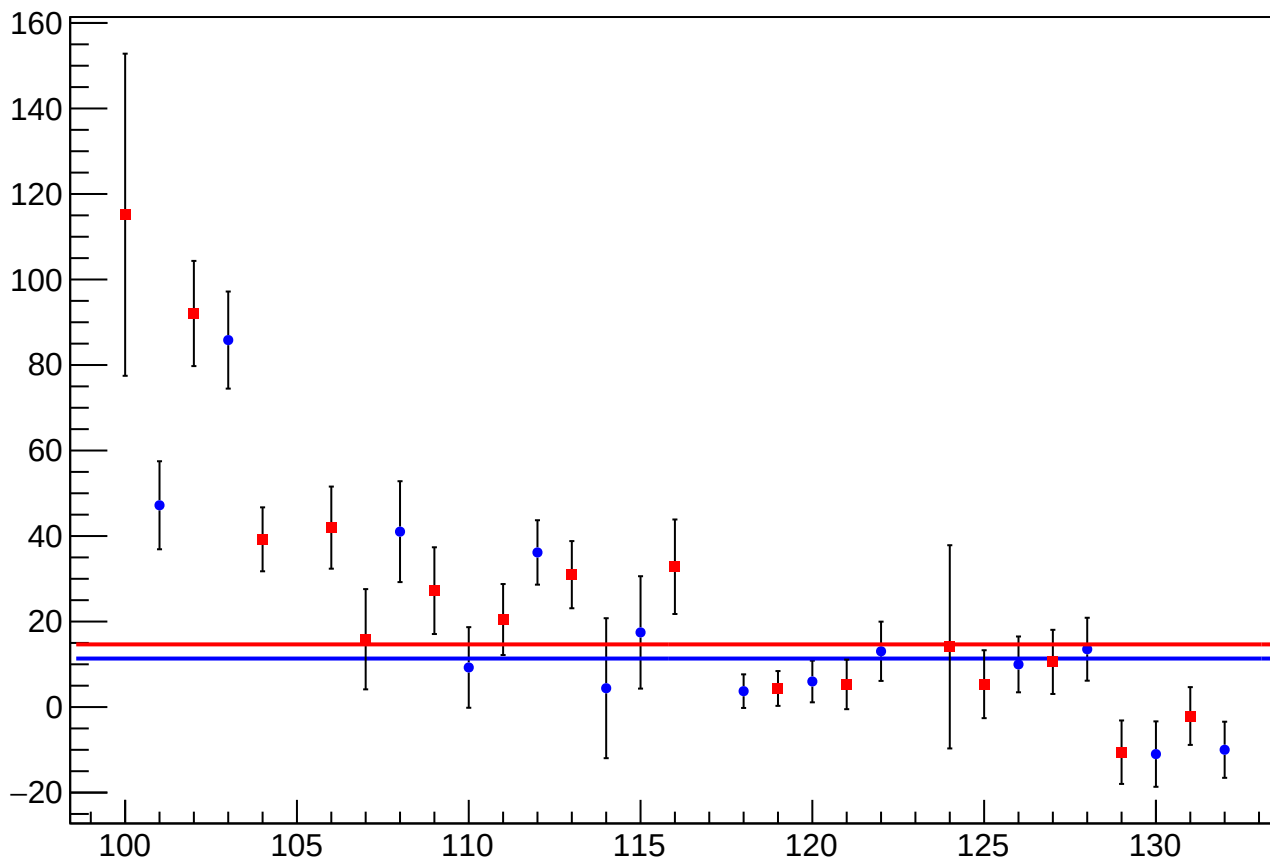
Right: -325.553+/-1.315 χ^2/NDF : 1217.1/29

In: -330.335+/-1.893 χ^2/NDF : 528.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -325.553+/-1.315 χ^2/NDF : 1217.1/29

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.348+/-1.915 χ^2/NDF : 97.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.658+/-1.971 χ^2/NDF : 103.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

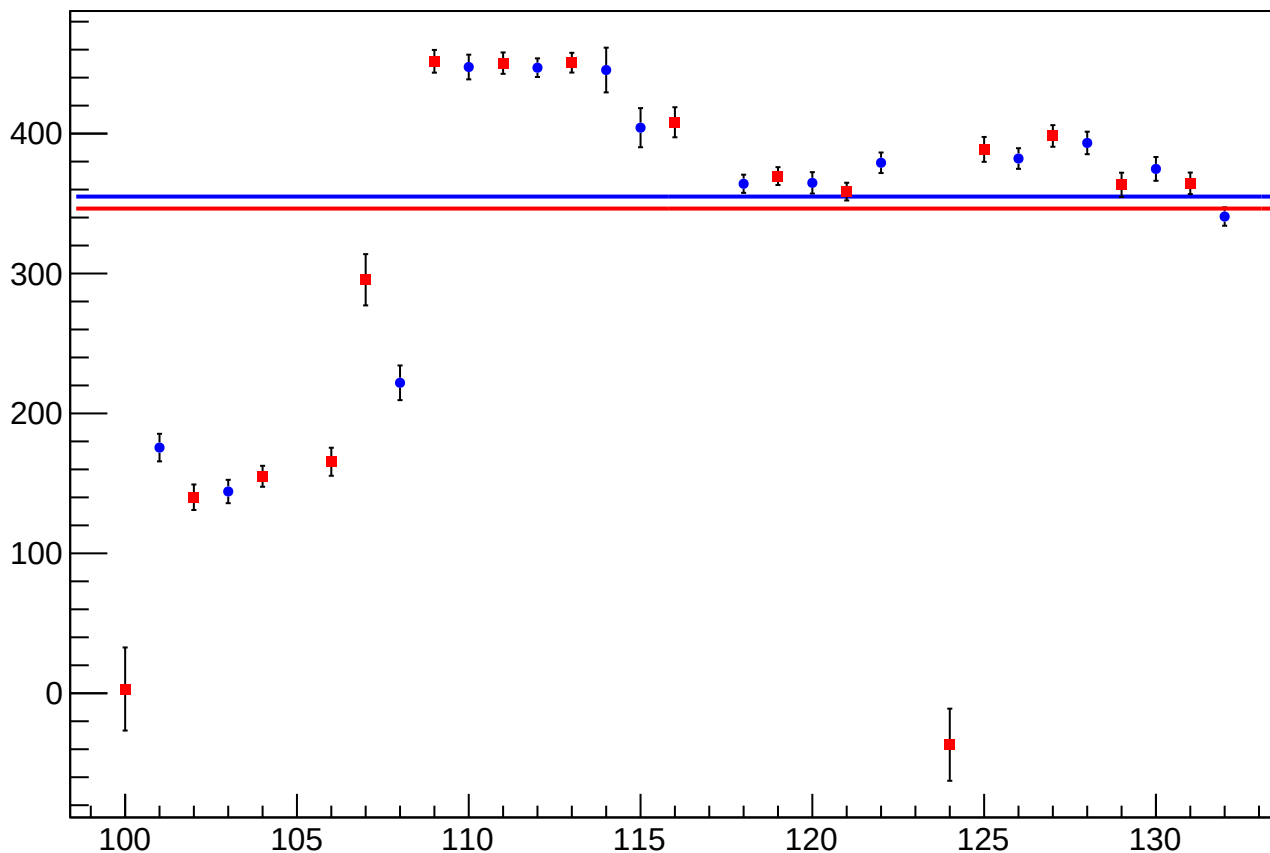
Right: 12.956+/-1.374 χ^2/NDF : 201.5/29

In: 11.348+/-1.915 χ^2/NDF : 97.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.956+/-1.374 χ^2/NDF : 201.5/29

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 354.990+/-2.205 χ^2/NDF : 1489.3/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 346.417+/-2.153 χ^2/NDF : 2552.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

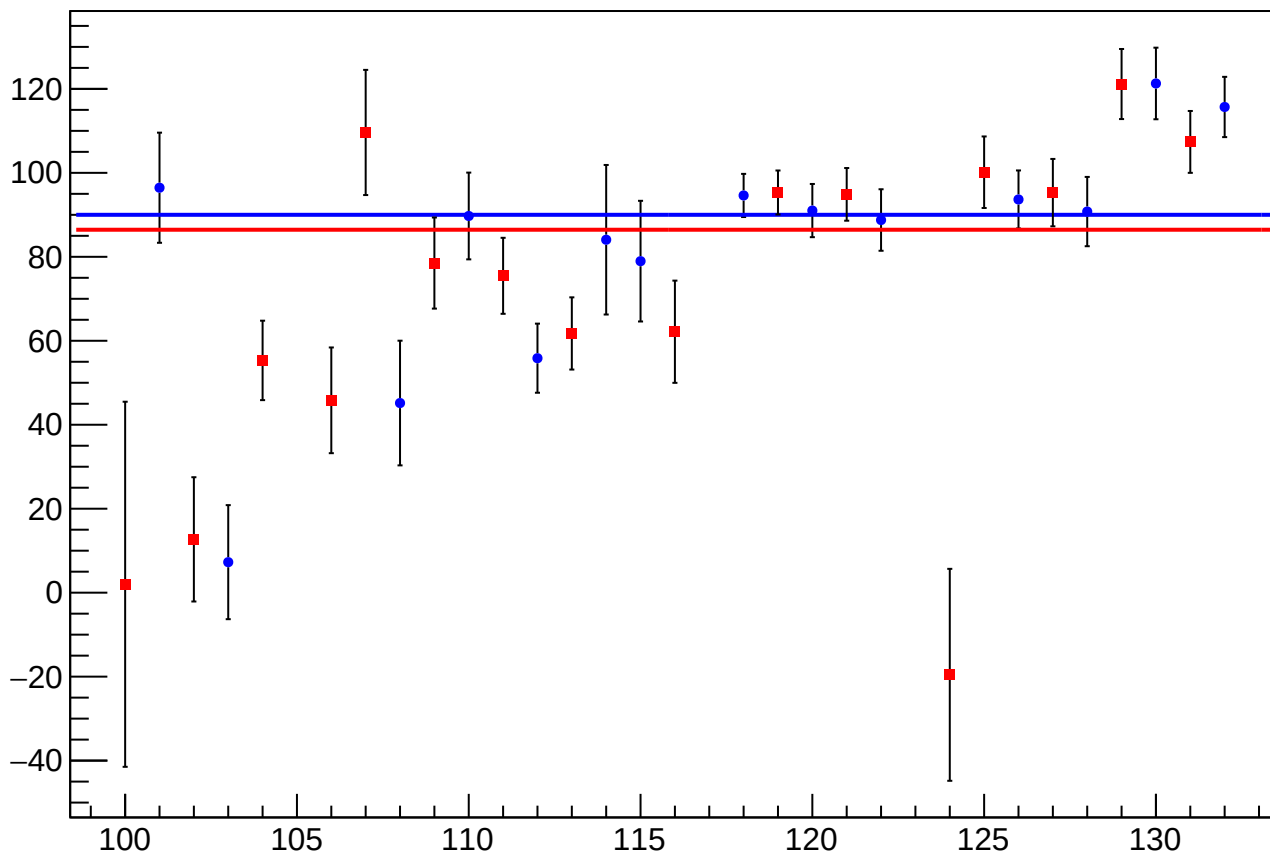
Right: 350.602+/-1.541 χ^2/NDF : 4049.1/29

In: 354.990+/-2.205 χ^2/NDF :1489.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 350.602+/-1.541 χ^2/NDF : 4049.1/29

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 90.006+/-2.247 χ^2/NDF : 91.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.450+/-2.273 χ^2/NDF : 118.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

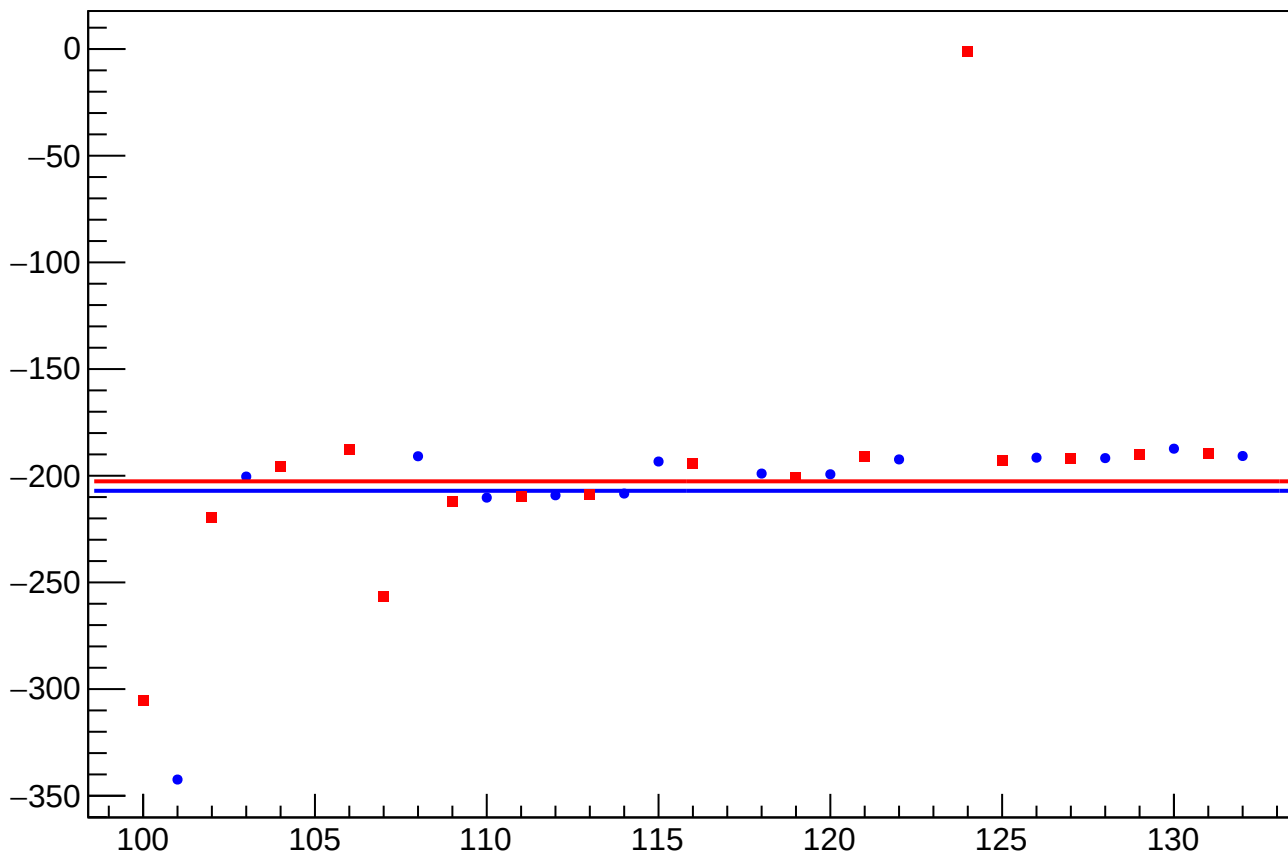
Right: 88.249+/-1.598 χ^2/NDF : 211.0/29

In: 90.006+/-2.247 χ^2/NDF : 91.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.249+/-1.598 χ^2/NDF : 211.0/29

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -207.063+/-0.153 χ^2/NDF : 58549.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -202.622+/-0.146 χ^2/NDF : 25996.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

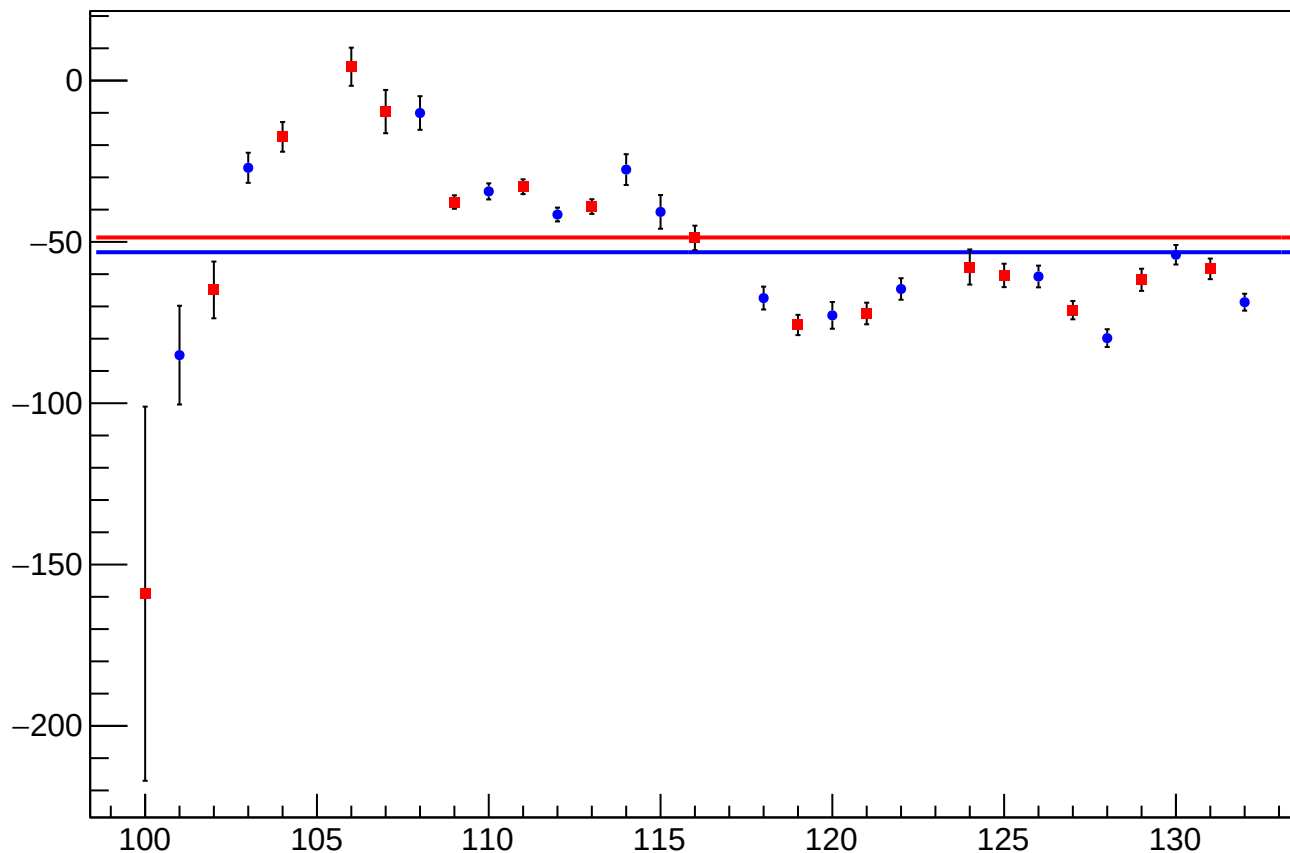
Right: -204.728+/-0.106 χ^2/NDF : 84986.7/29

In: -207.063+/-0.153 χ^2/NDF : 58549.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -204.728+/-0.106 χ^2/NDF : 84986.7/29

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -53.202 $\pm$ 0.895 χ^2 /NDF: 409.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -48.627 $\pm$ 0.846 χ^2 /NDF: 483.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

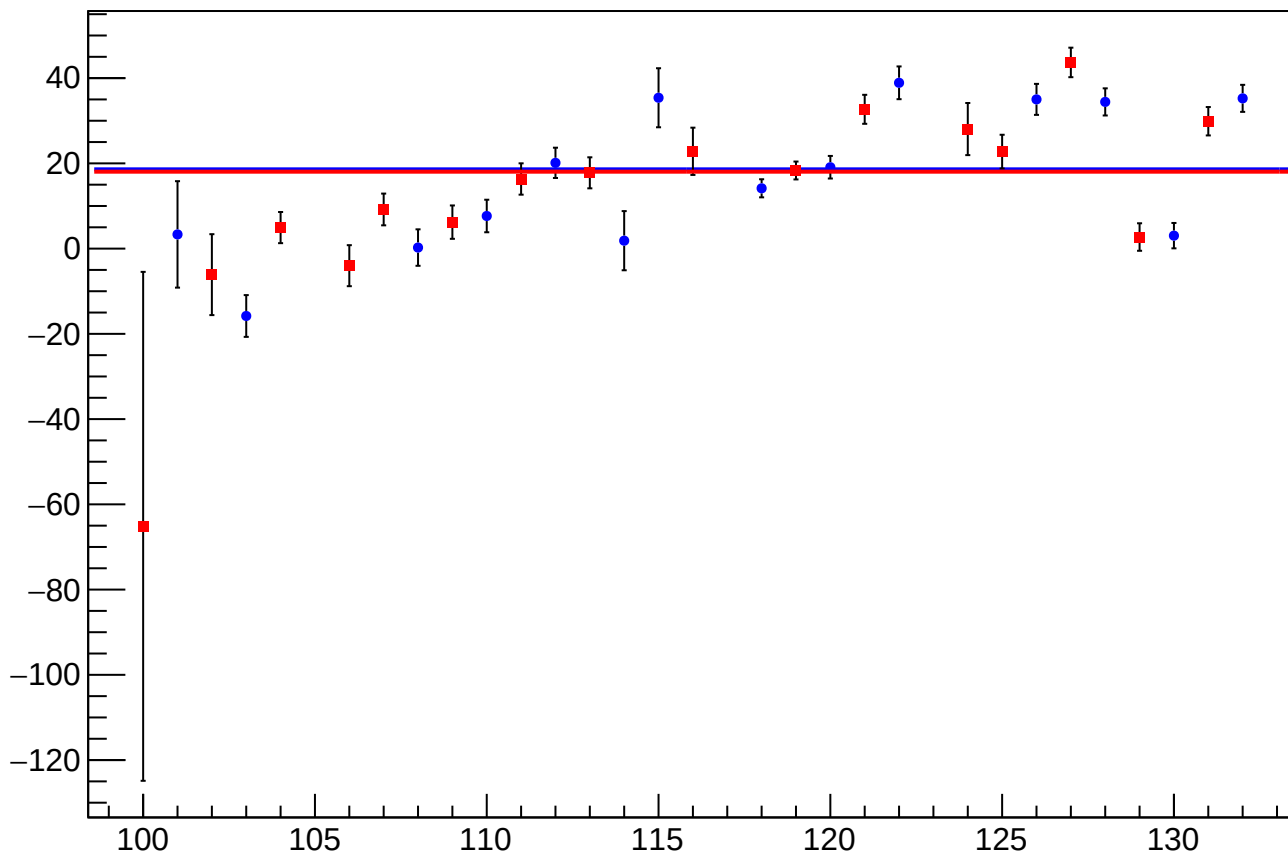
Right: -50.785 $\pm$ 0.615 χ^2 /NDF: 906.6/29

In: -53.202 $\pm$ 0.895 χ^2 /NDF:409.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -50.785 $\pm$ 0.615 χ^2 /NDF: 906.6/29

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.598+/-0.949 χ^2/NDF : 221.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.050+/-0.944 χ^2/NDF : 170.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

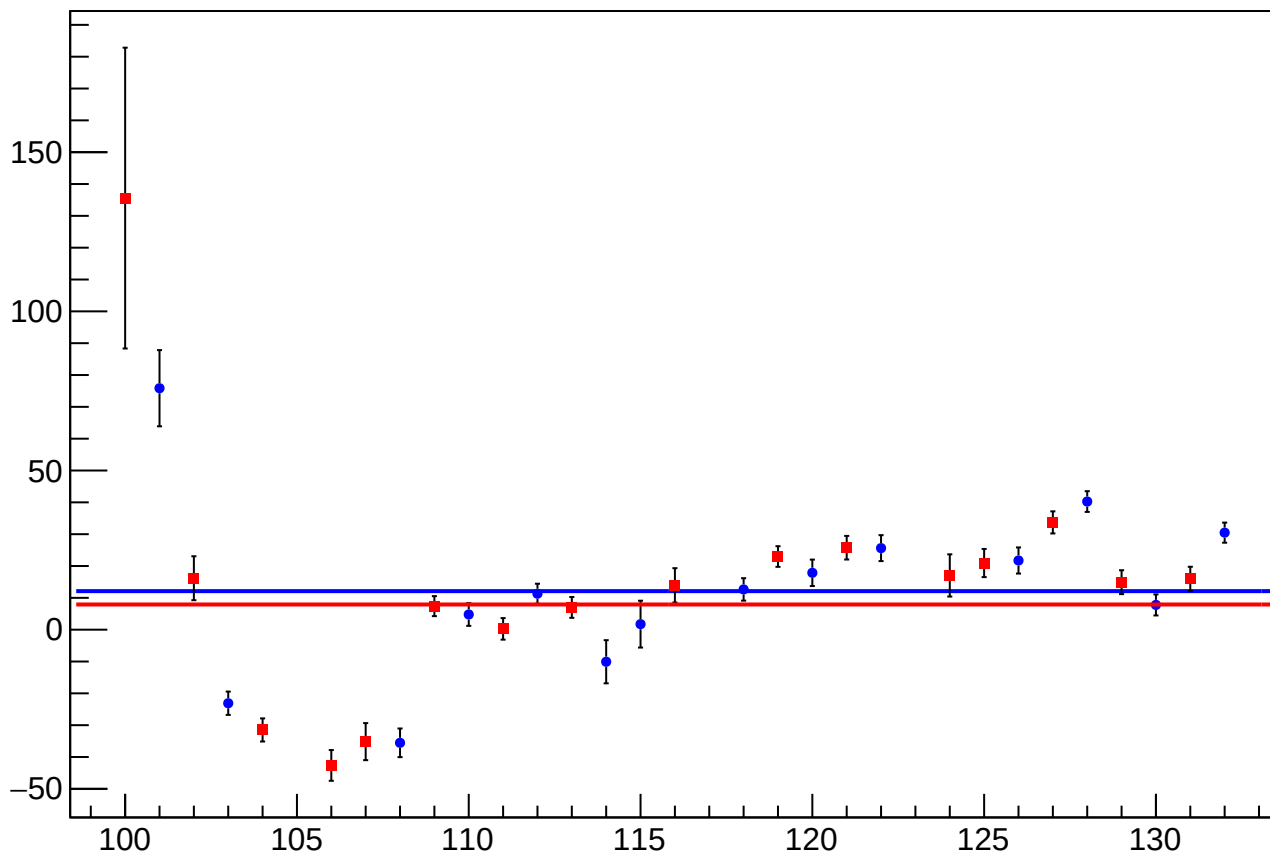
Right: 18.323+/-0.669 χ^2/NDF : 392.5/29

In: 18.598+/-0.949 χ^2/NDF : 221.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.323+/-0.669 χ^2/NDF : 392.5/29

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 12.107+/-1.057 χ^2/NDF : 378.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.914+/-1.025 χ^2/NDF : 416.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

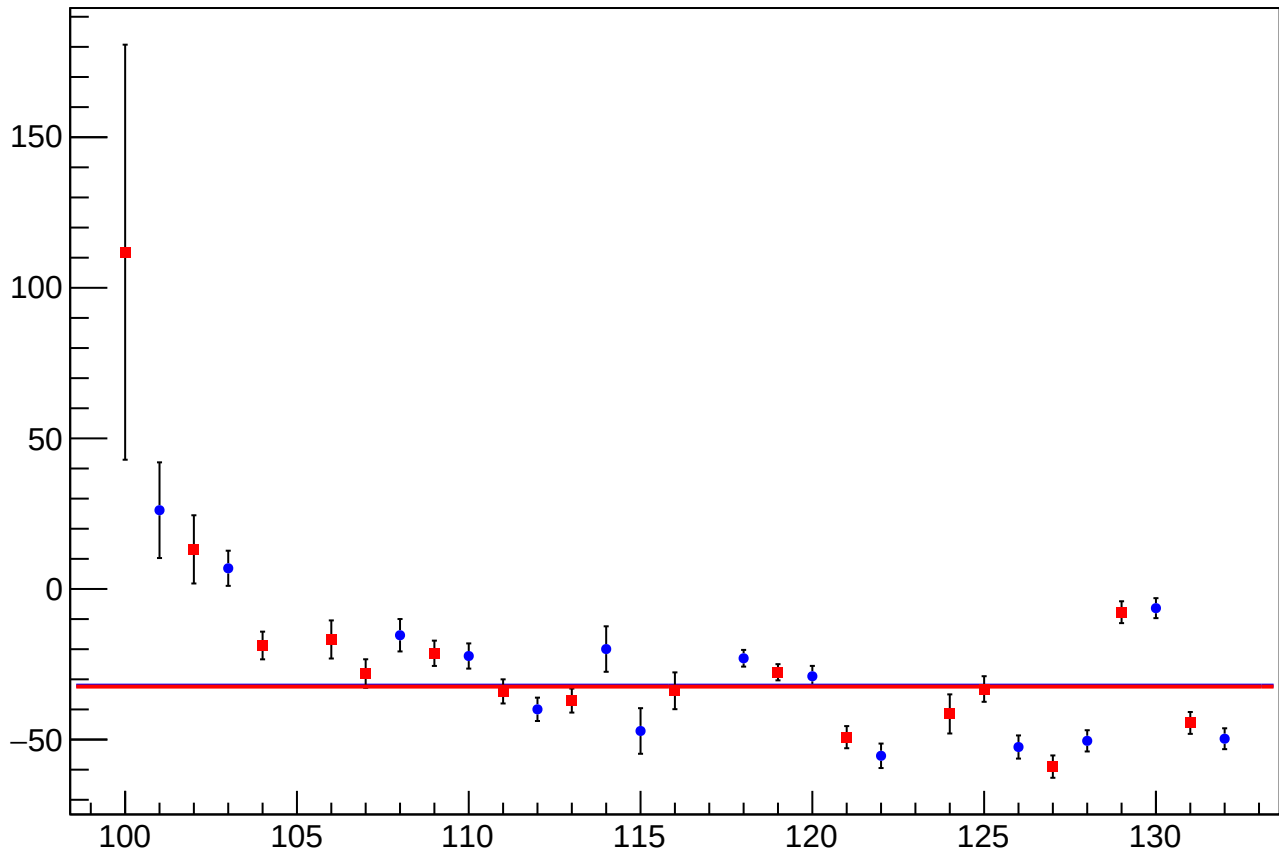
Right: 9.946+/-0.736 χ^2/NDF : 802.8/29

In: 12.107+/-1.057 χ^2/NDF : 378.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.946+/-0.736 χ^2/NDF : 802.8/29

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.101+/-1.102 χ^2/NDF : 269.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -32.414+/-1.085 χ^2/NDF : 179.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

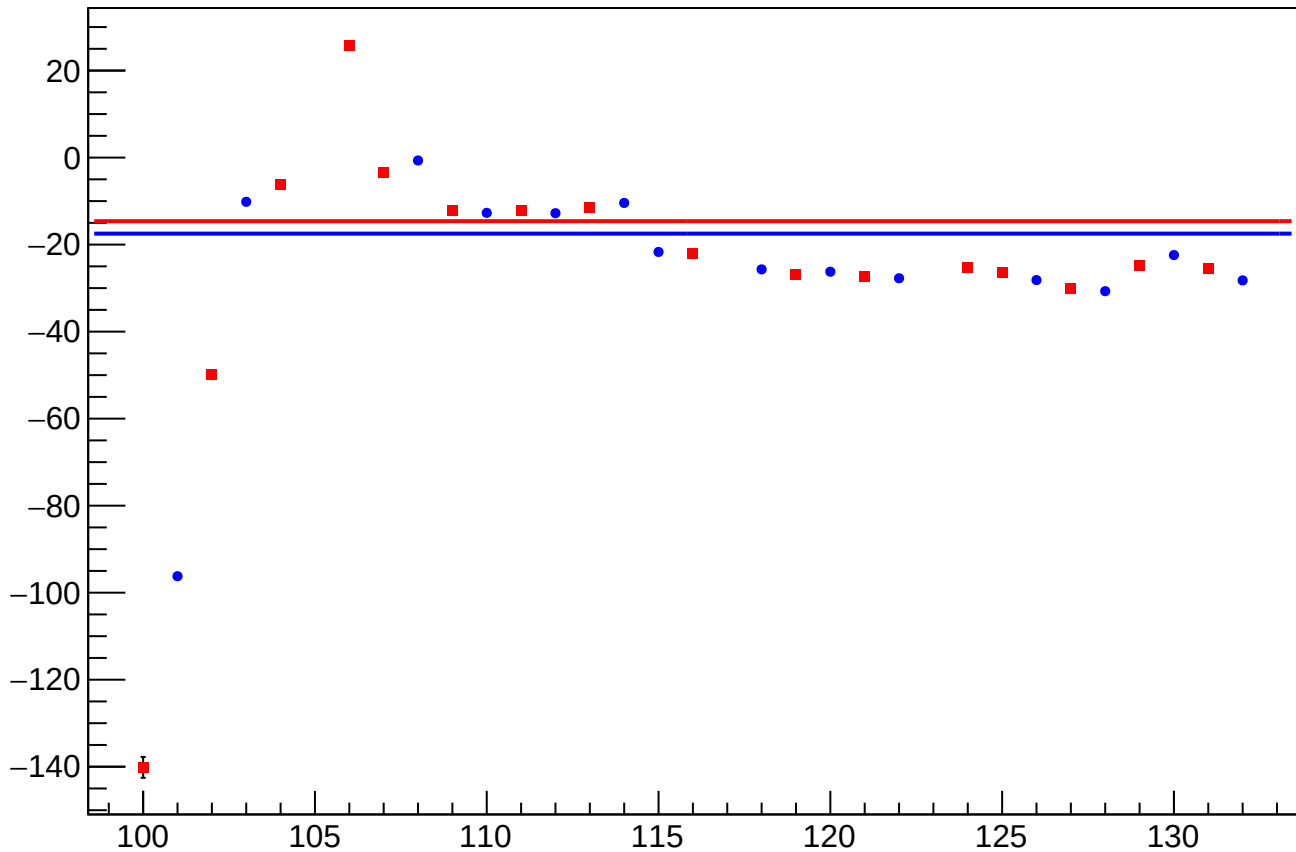
Right: -32.260+/-0.773 χ^2/NDF : 449.0/29

In: -32.101+/-1.102 χ^2/NDF : 269.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.260+/-0.773 χ^2/NDF : 449.0/29

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -17.478+/-0.072 χ^2/NDF : 32142.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.614+/-0.069 χ^2/NDF : 63233.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

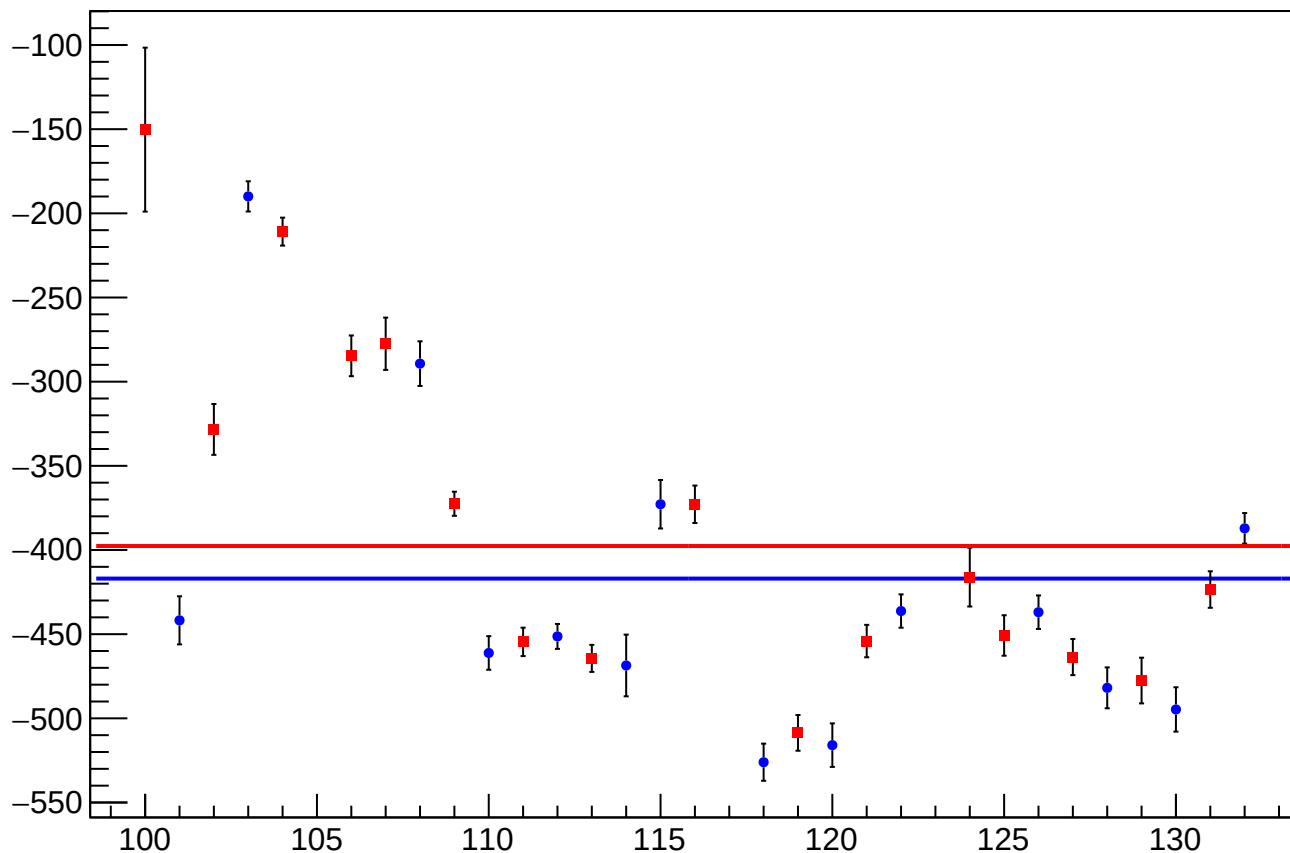
Right: -15.990+/-0.050 χ^2/NDF : 96201.3/29

In: -17.478+/-0.072 χ^2/NDF : 32142.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.990+/-0.050 χ^2/NDF : 96201.3/29

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -416.977 ± 2.909 $\chi^2/\text{NDF}: 1032.0/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -397.628 ± 2.673 $\chi^2/\text{NDF}: 1075.3/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

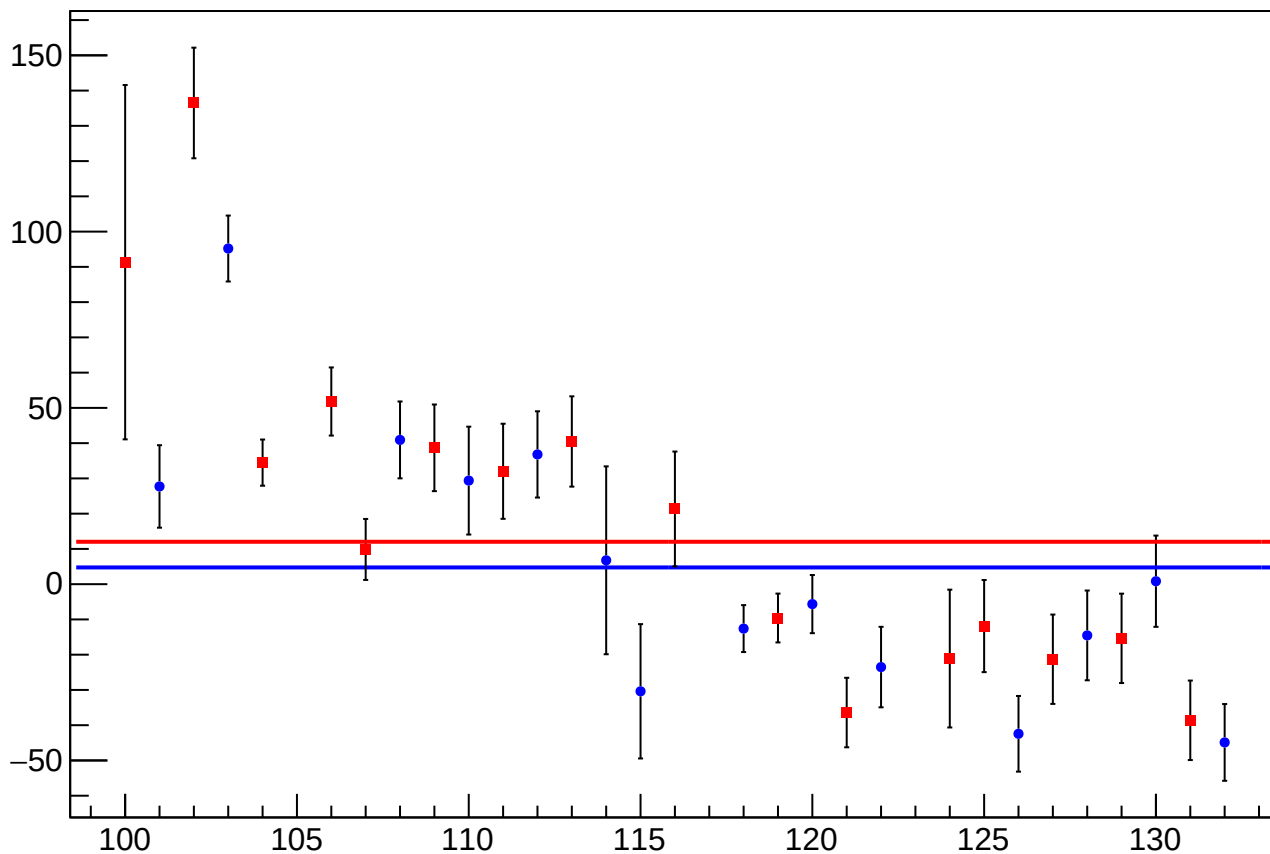
Right: -406.488 ± 1.968 $\chi^2/\text{NDF}: 2131.2/29$

In: -416.977 ± 2.909 $\chi^2/\text{NDF}: 1032.0/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -406.488 ± 1.968 $\chi^2/\text{NDF}: 2131.2/29$

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.748+/-2.930 χ^2/NDF : 178.3/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 12.026+/-2.734 χ^2/NDF : 178.3/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

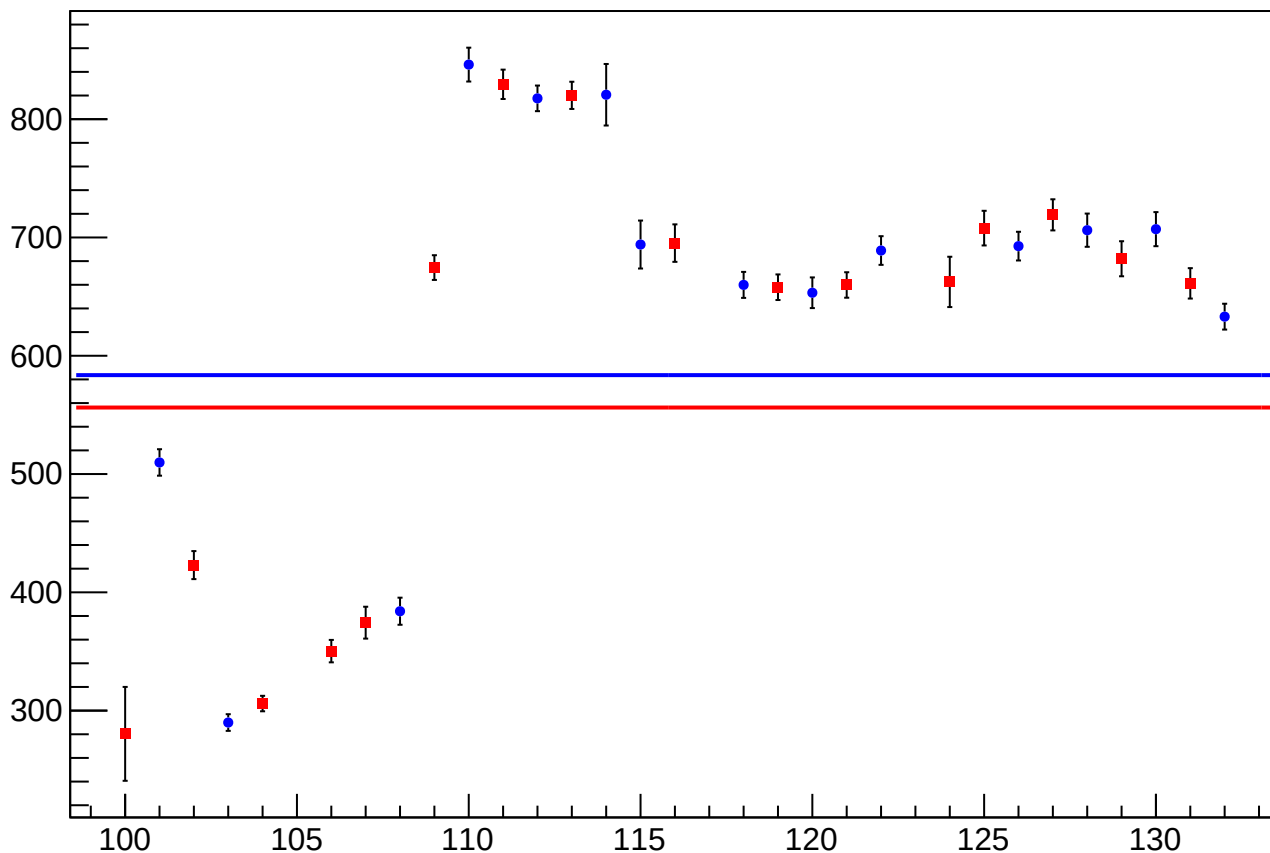
Right: 8.639+/-1.999 χ^2/NDF : 359.8/29

In: 4.748+/-2.930 χ^2/NDF :178.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 8.639+/-1.999 χ^2/NDF : 359.8/29

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 583.621+/-3.175 χ^2/NDF : 3404.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 556.231+/-2.944 χ^2/NDF : 4113.6/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

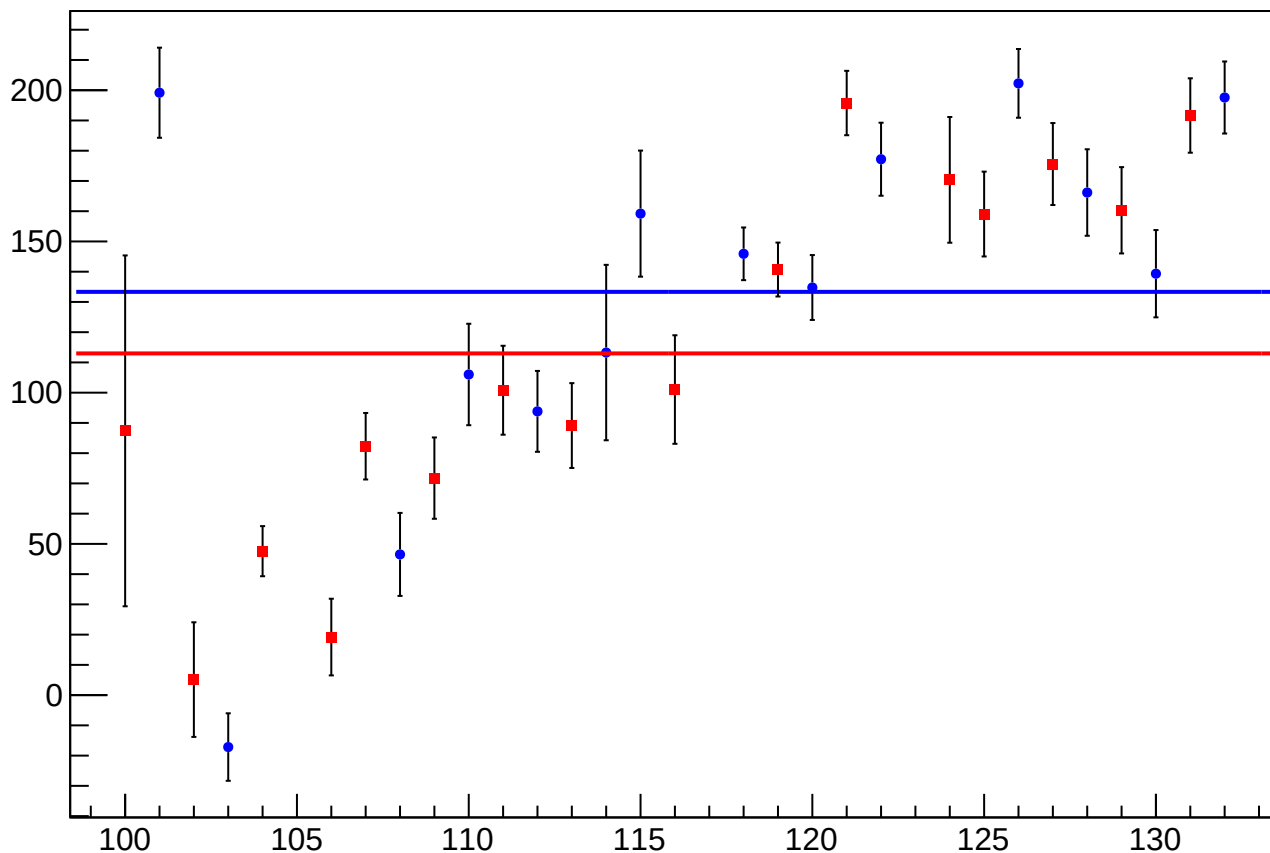
Right: 568.892+/-2.159 χ^2/NDF : 7557.8/29

In: 583.621+/-3.175 χ^2/NDF :3404.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 568.892+/-2.159 χ^2/NDF : 7557.8/29

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 133.334+/-3.456 χ^2/NDF : 341.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.978+/-3.223 χ^2/NDF : 332.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

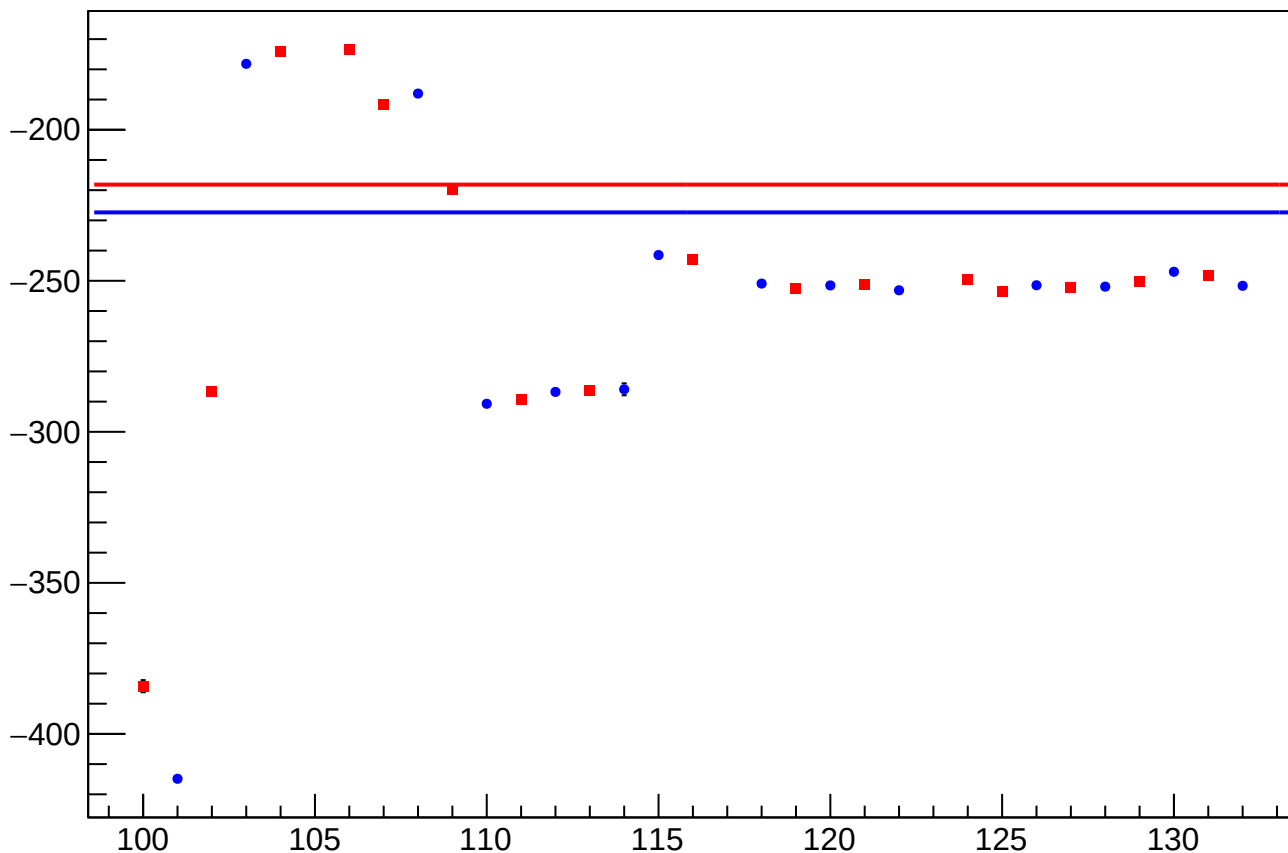
Right: 122.445+/-2.357 χ^2/NDF : 692.7/29

In: 133.334+/-3.456 χ^2/NDF : 341.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.445+/-2.357 χ^2/NDF : 692.7/29

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -227.360 ± 0.188 χ^2/NDF : 126652.9/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -218.154 ± 0.176 χ^2/NDF : 72552.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

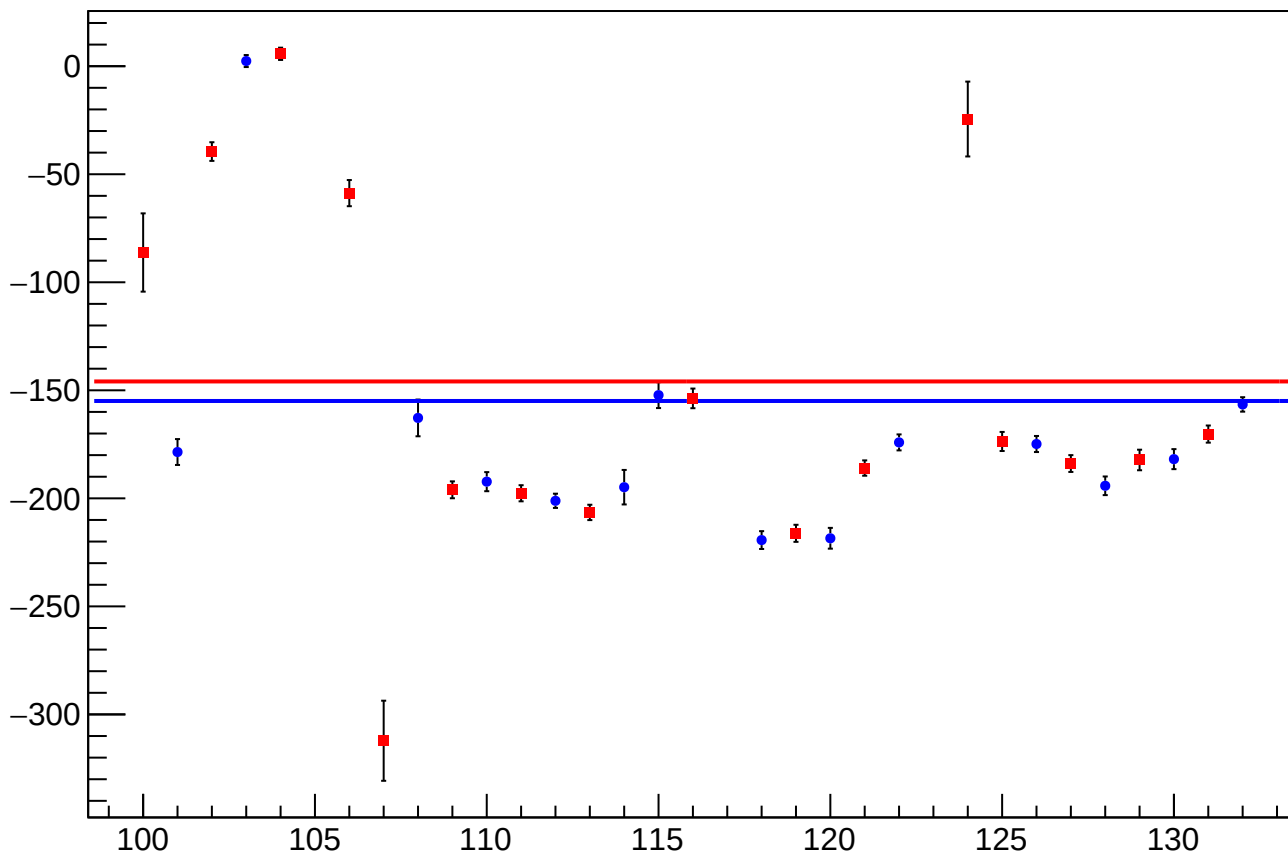
Right: -222.446 ± 0.128 χ^2/NDF : 200485.7/29

In: -227.360 ± 0.188 χ^2/NDF : 126652.9/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -222.446 ± 0.128 χ^2/NDF : 200485.7/29

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -154.940 ± 1.121 χ^2/NDF : 4104.1/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -145.898 ± 1.086 χ^2/NDF : 5133.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

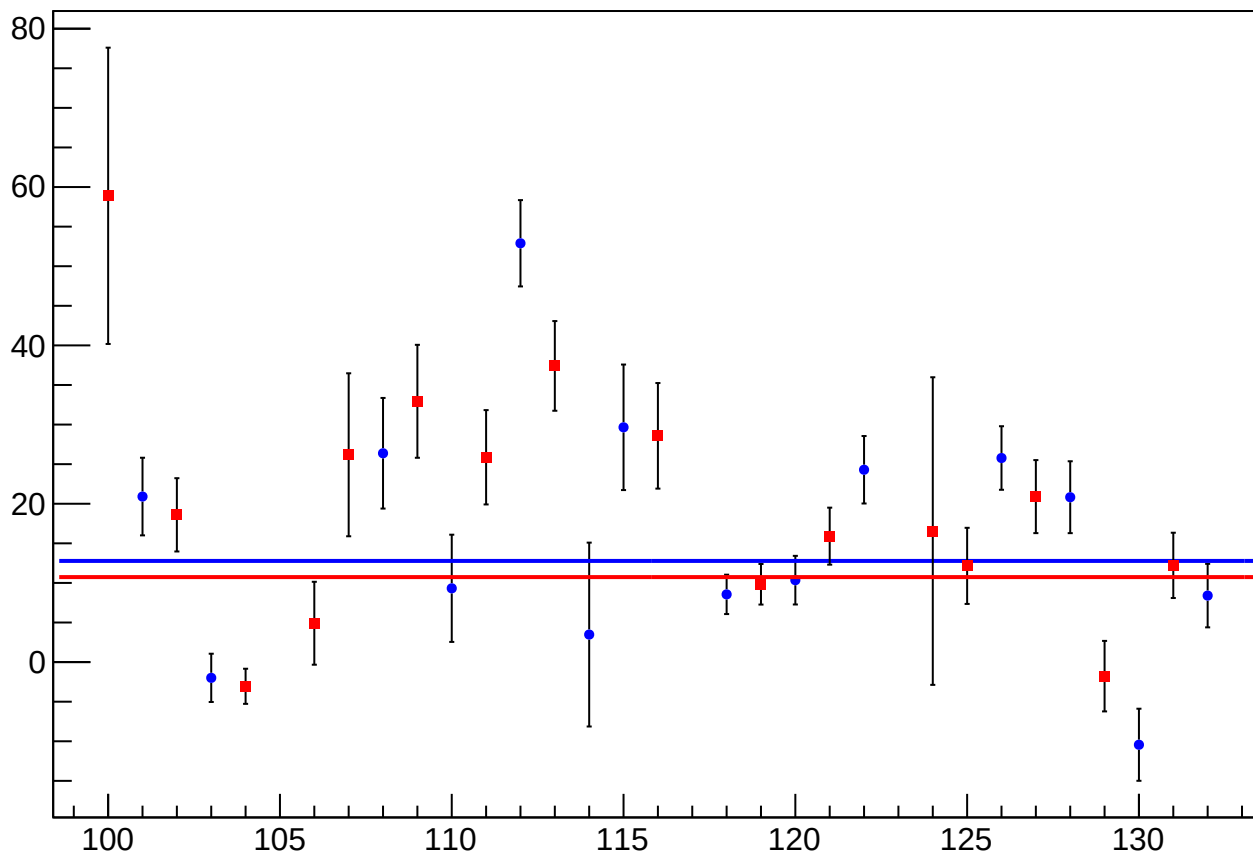
Right: -150.274 ± 0.780 χ^2/NDF : 9270.9/29

In: -154.940 ± 1.121 χ^2/NDF : 4104.1/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -150.274 ± 0.780 χ^2/NDF : 9270.9/29

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.778+/-1.123 χ^2/NDF : 141.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.736+/-1.096 χ^2/NDF : 112.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

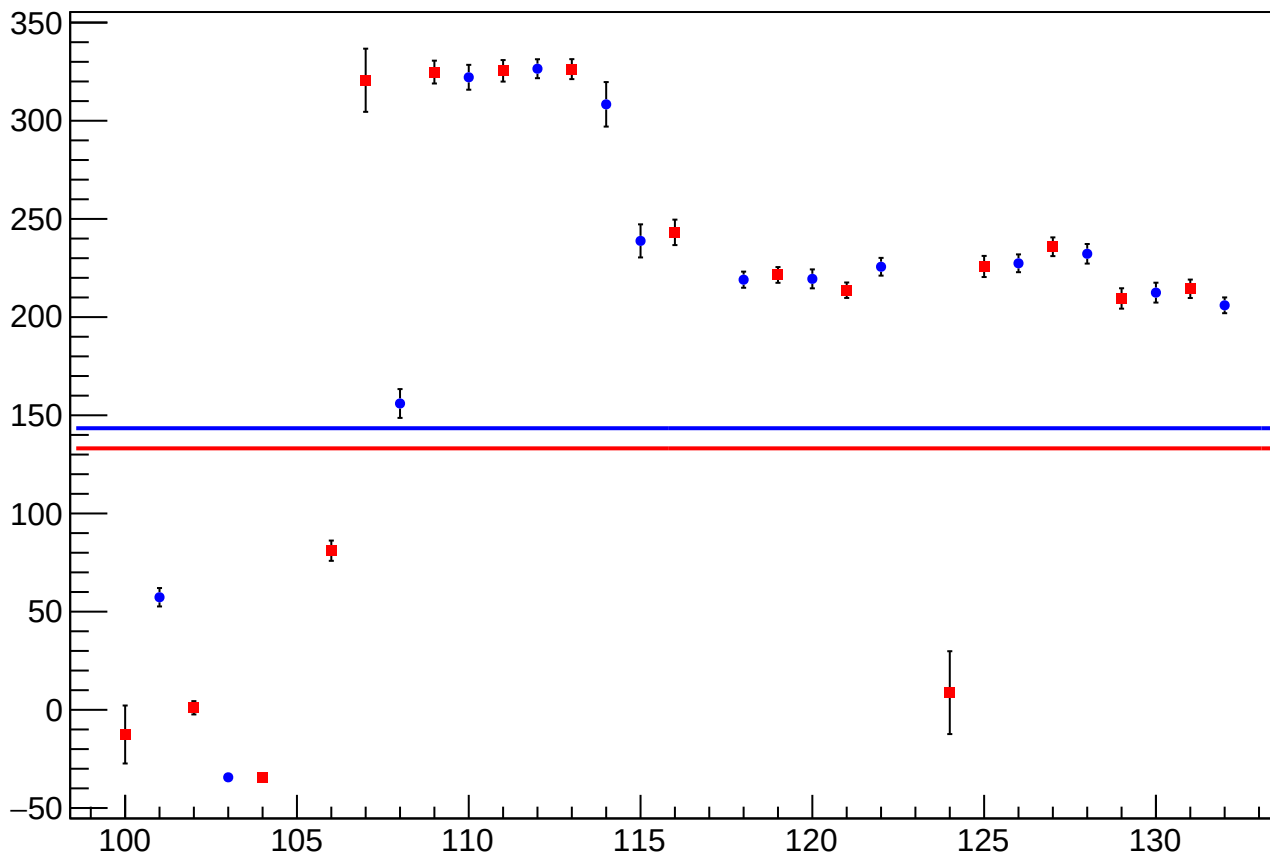
Right: 11.733+/-0.785 χ^2/NDF : 255.4/29

In: 12.778+/-1.123 χ^2/NDF : 141.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.733+/-0.785 χ^2/NDF : 255.4/29

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 143.410+/-1.191 χ^2/NDF : 11552.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 133.157+/-1.156 χ^2/NDF : 13712.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

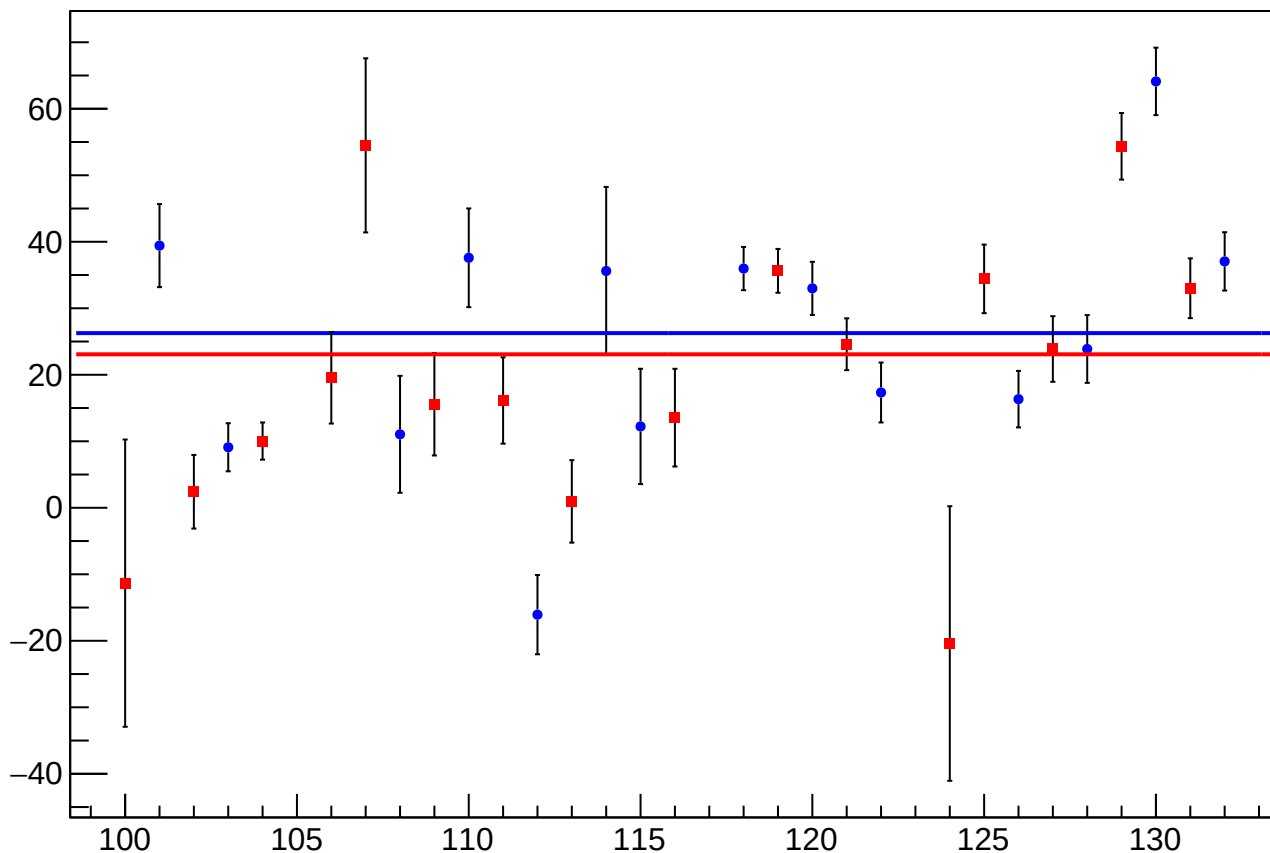
Right: 138.131+/-0.830 χ^2/NDF : 25302.4/29

In: 143.410+/-1.191 χ^2/NDF :11552.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 138.131+/-0.830 χ^2/NDF : 25302.4/29

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 26.265+/-1.322 χ^2/NDF : 169.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.077+/-1.288 χ^2/NDF : 128.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

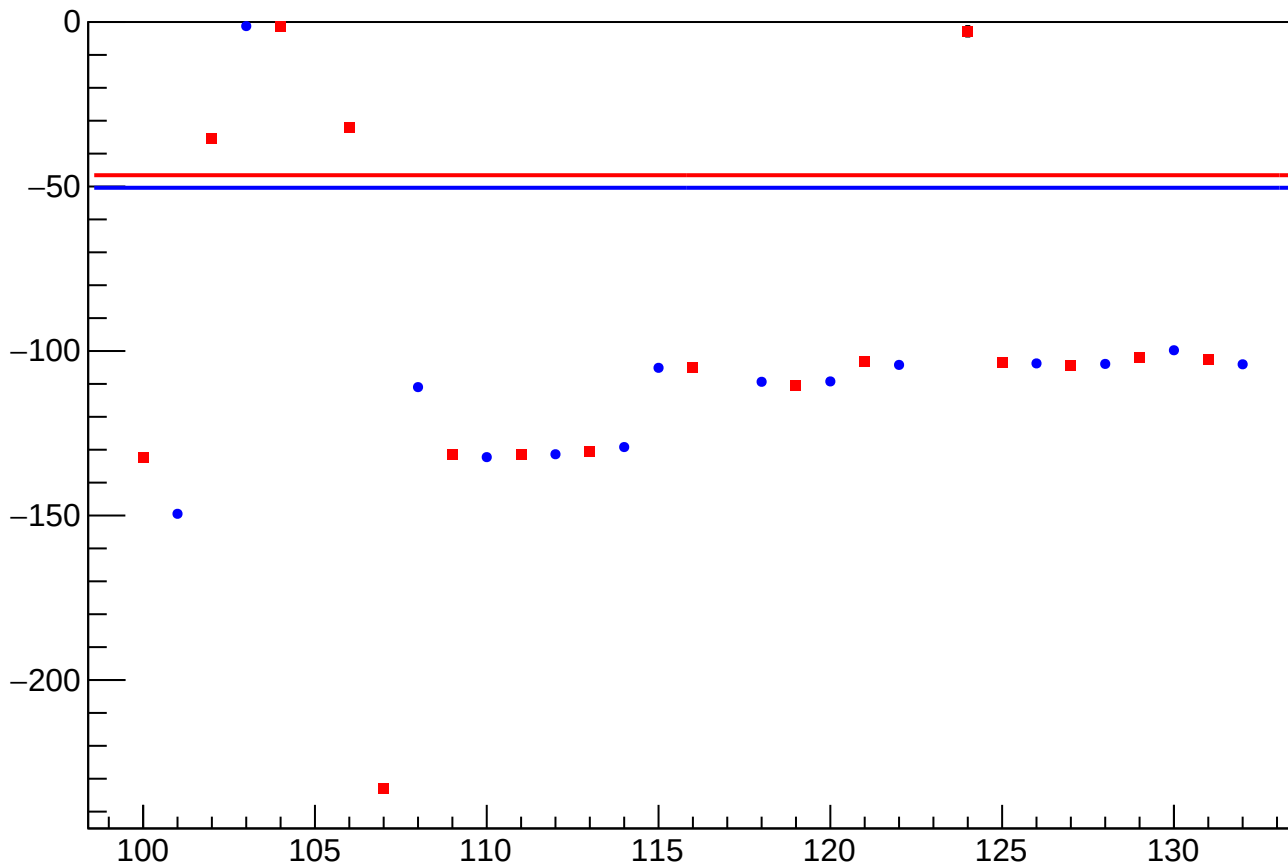
Right: 24.629+/-0.922 χ^2/NDF : 300.6/29

In: 26.265+/-1.322 χ^2/NDF : 169.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.629+/-0.922 χ^2/NDF : 300.6/29

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -50.382 $\pm$ 0.068 χ^2 /NDF: 707320.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -46.565 $\pm$ 0.066 χ^2 /NDF: 580742.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

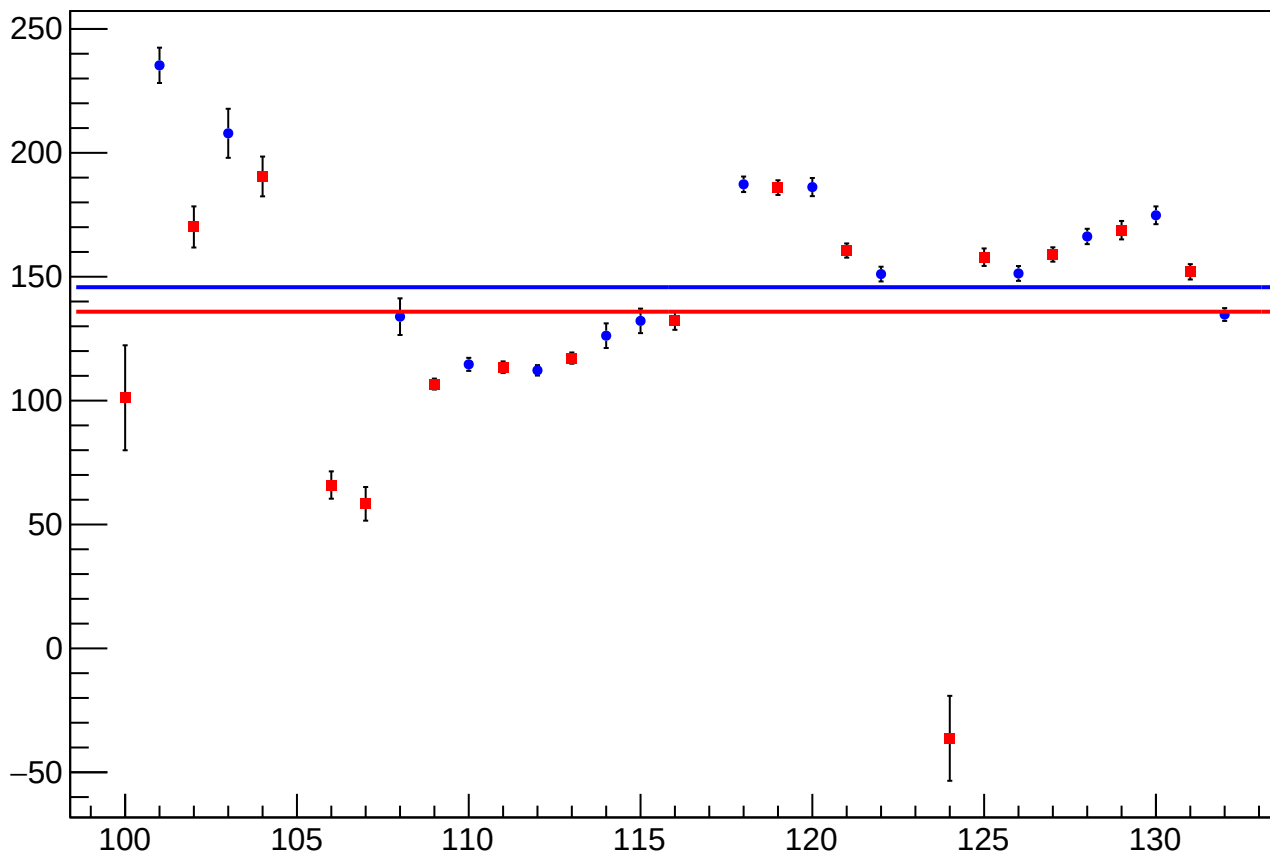
Right: -48.392 $\pm$ 0.047 χ^2 /NDF: 1289686.0/29

In: -50.382 $\pm$ 0.068 χ^2 /NDF:707320.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -48.392 $\pm$ 0.047 χ^2 /NDF: 1289686.0/29

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 145.773 $\pm$ 0.901 χ^2 /NDF: 1048.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 135.887 $\pm$ 0.858 χ^2 /NDF: 1362.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

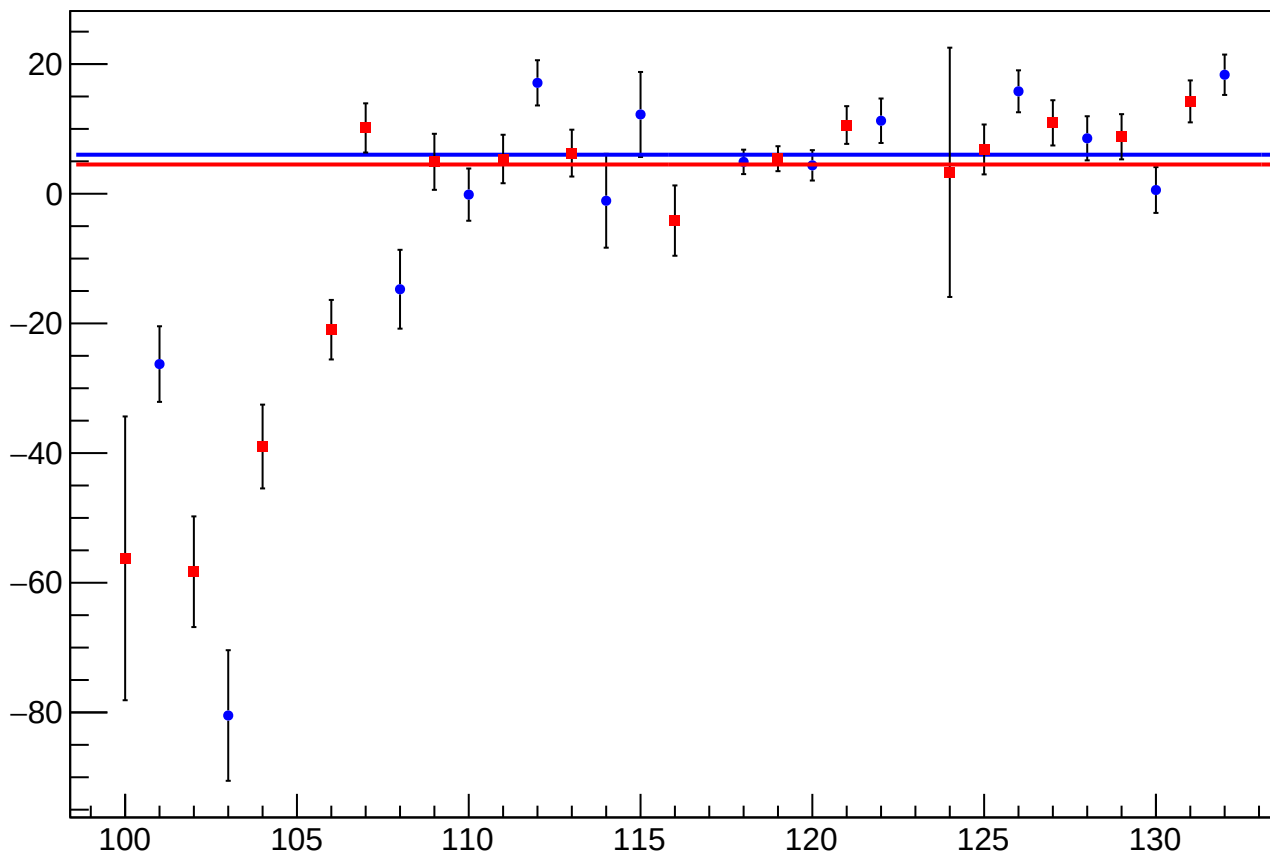
Right: 140.589 $\pm$ 0.621 χ^2 /NDF: 2473.4/29

In: 145.773 $\pm$ 0.901 χ^2 /NDF:1048.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 140.589 $\pm$ 0.621 χ^2 /NDF: 2473.4/29

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.021+/-0.926 χ^2/NDF : 161.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.511+/-0.949 χ^2/NDF : 161.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

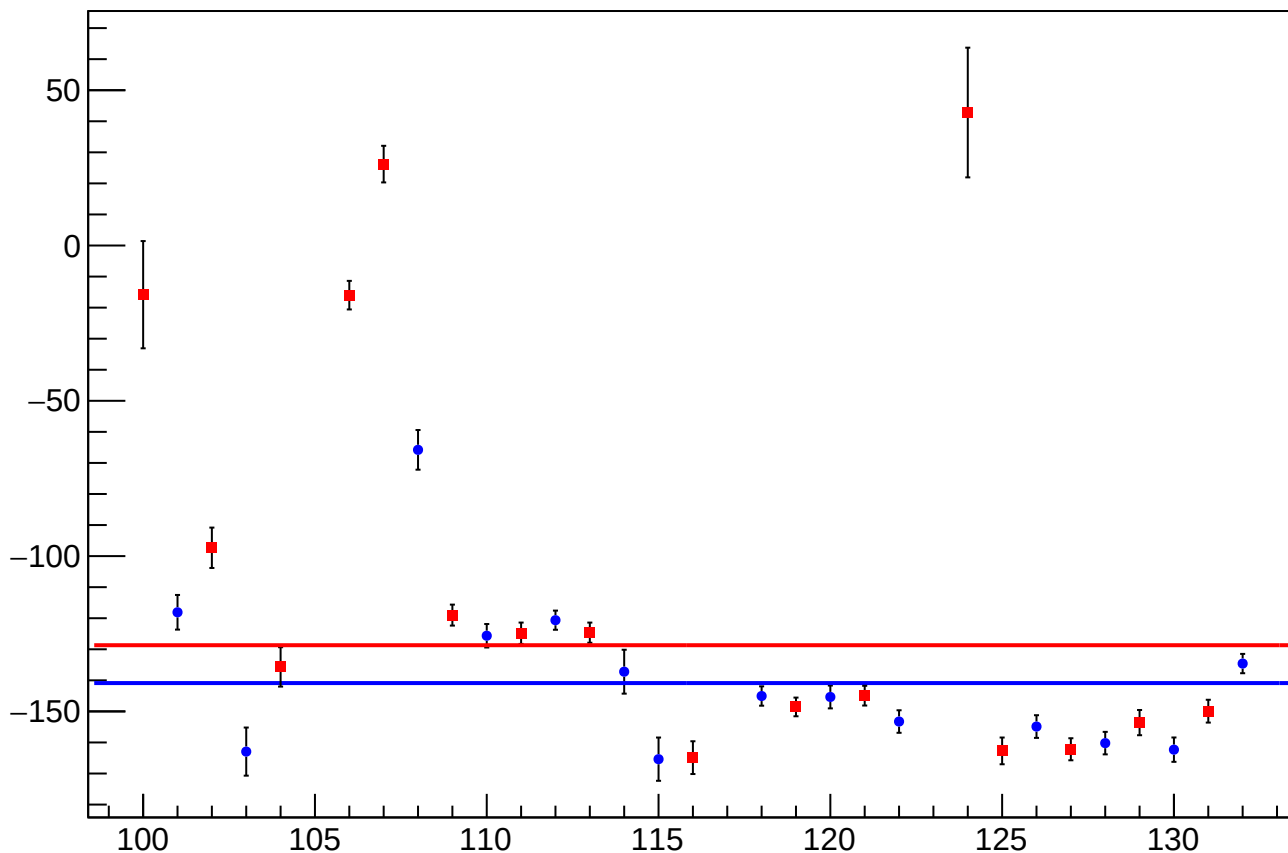
Right: 5.285+/-0.663 χ^2/NDF : 324.5/29

In: 6.021+/-0.926 χ^2/NDF : 161.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.285+/-0.663 χ^2/NDF : 324.5/29

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -140.878 ± 1.077 χ^2/NDF : 327.1/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -128.690 ± 1.048 χ^2/NDF : 1776.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

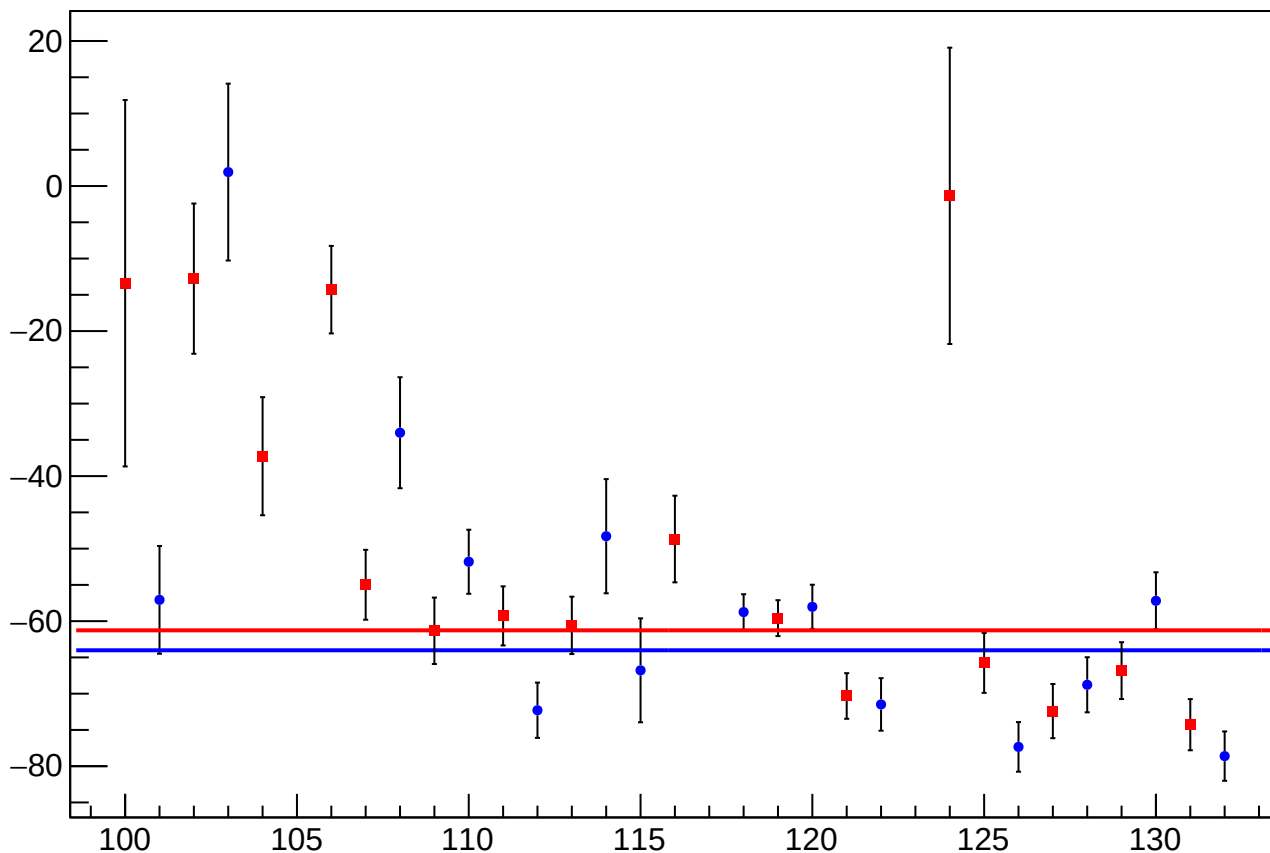
Right: -134.614 ± 0.751 χ^2/NDF : 2169.4/29

In: -140.878 ± 1.077 χ^2/NDF : 327.1/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -134.614 ± 0.751 χ^2/NDF : 2169.4/29

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -64.017 ± 1.083 $\chi^2/\text{NDF}: 112.8/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -61.266 ± 1.092 $\chi^2/\text{NDF}: 144.2/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

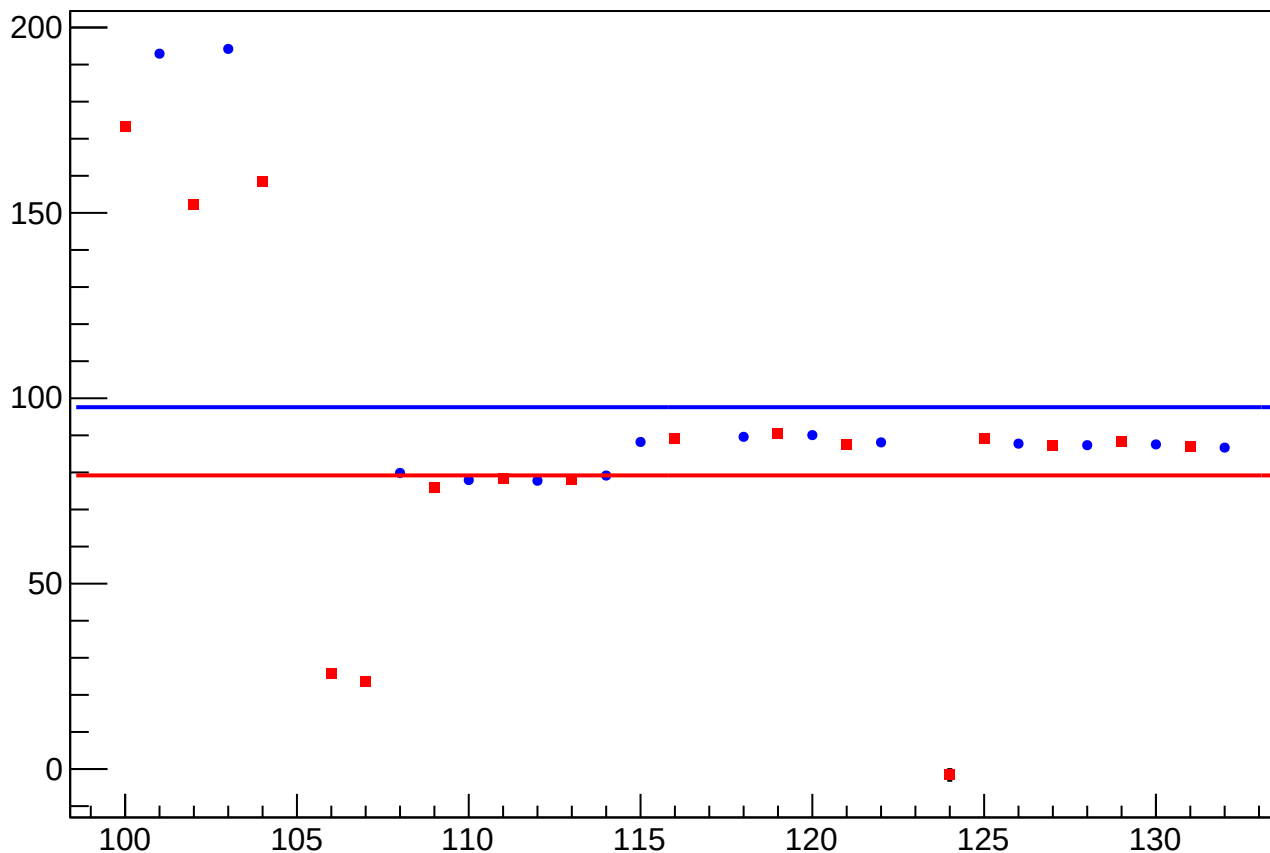
Right: -62.652 ± 0.769 $\chi^2/\text{NDF}: 260.2/29$

In: -64.017 ± 1.083 $\chi^2/\text{NDF}: 112.8/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -62.652 ± 0.769 $\chi^2/\text{NDF}: 260.2/29$

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.595+/-0.080 χ^2/NDF : 191743.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.198+/-0.072 χ^2/NDF : 286660.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

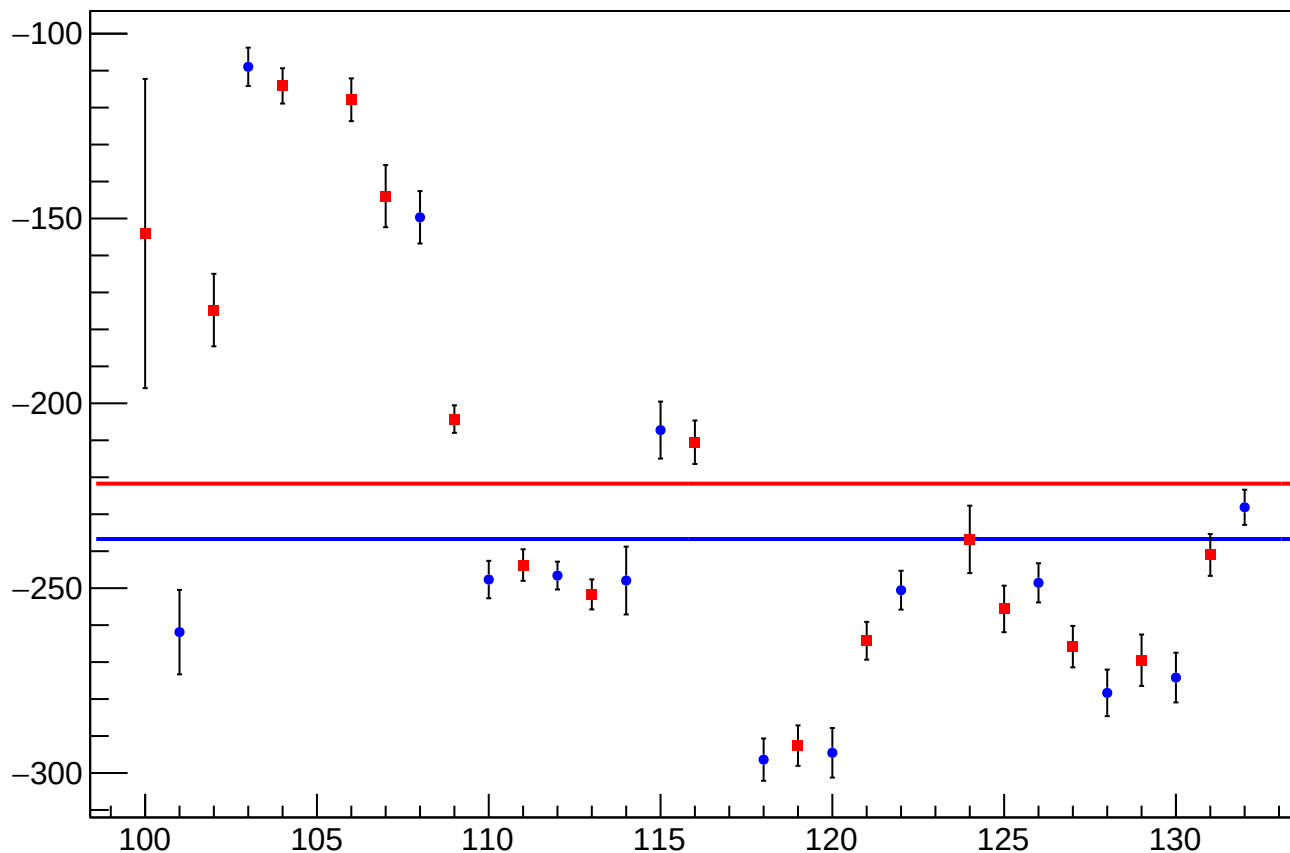
Right: 87.404+/-0.053 χ^2/NDF : 507823.1/29

In: 97.595+/-0.080 χ^2/NDF : 191743.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.404+/-0.053 χ^2/NDF : 507823.1/29

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -236.700+/-1.544 χ^2/NDF : 1063.9/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -221.728+/-1.403 χ^2/NDF : 1437.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

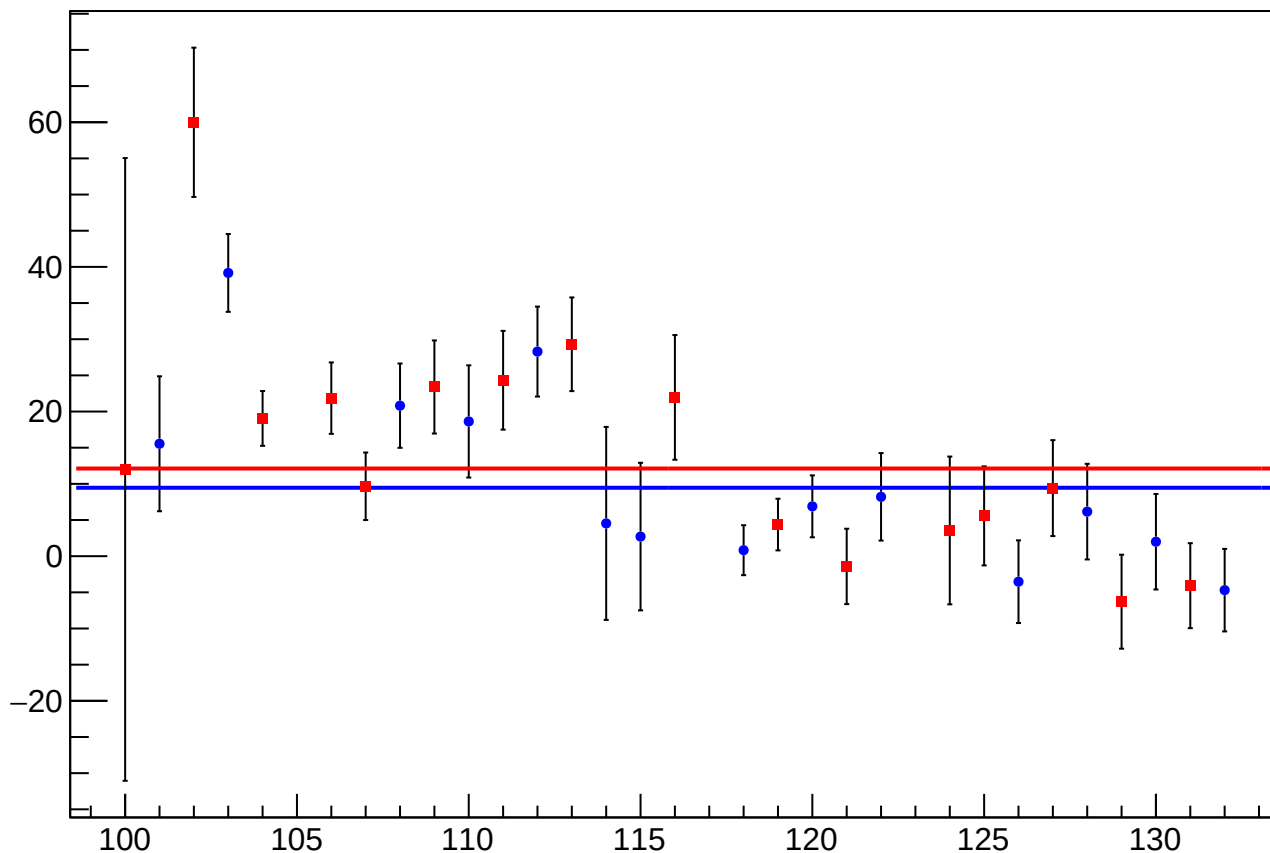
Right: -228.499+/-1.038 χ^2/NDF : 2552.7/29

In: -236.700+/-1.544 χ^2/NDF :1063.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -228.499+/-1.038 χ^2/NDF : 2552.7/29

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.461+/-1.569 χ^2/NDF : 65.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.121+/-1.457 χ^2/NDF : 72.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

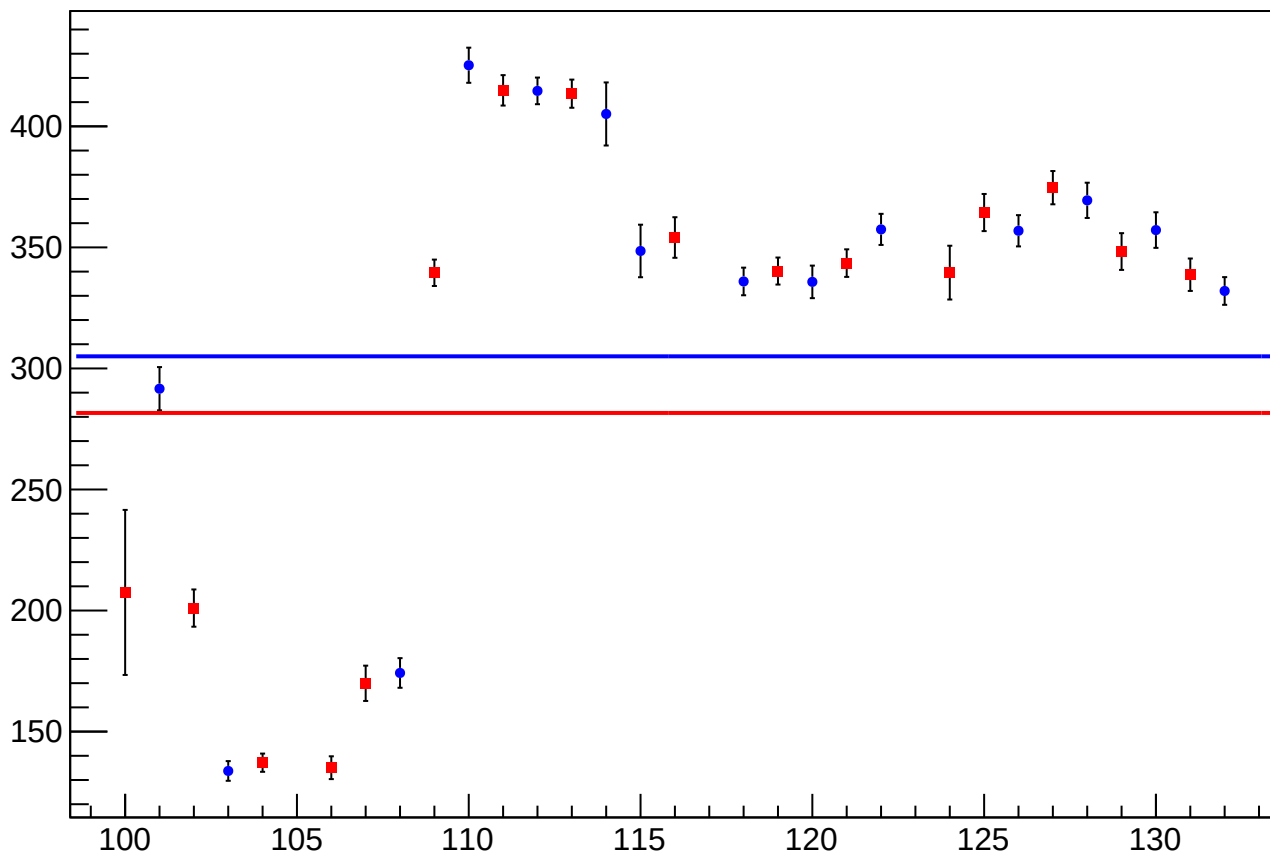
Right: 10.889+/-1.068 χ^2/NDF : 139.4/29

In: 9.461+/-1.569 χ^2/NDF : 65.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.889+/-1.068 χ^2/NDF : 139.4/29

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 305.004 $\pm$ 1.728 χ^2 /NDF: 3311.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 281.617 $\pm$ 1.574 χ^2 /NDF: 4646.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

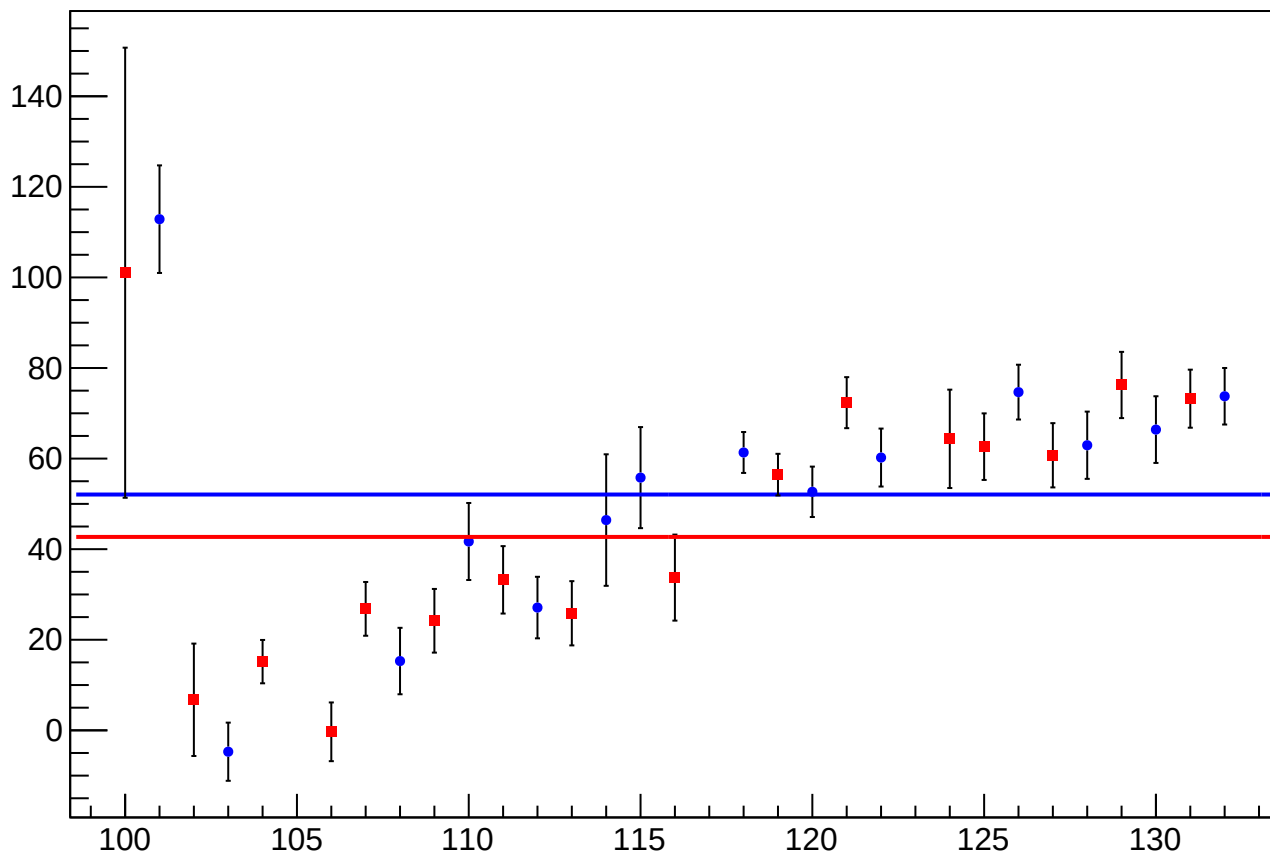
Right: 292.222 $\pm$ 1.163 χ^2 /NDF: 8057.8/29

In: 305.004 $\pm$ 1.728 χ^2 /NDF:3311.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 292.222 $\pm$ 1.163 χ^2 /NDF: 8057.8/29

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 52.066+/-1.846 χ^2/NDF : 182.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.705+/-1.713 χ^2/NDF : 207.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

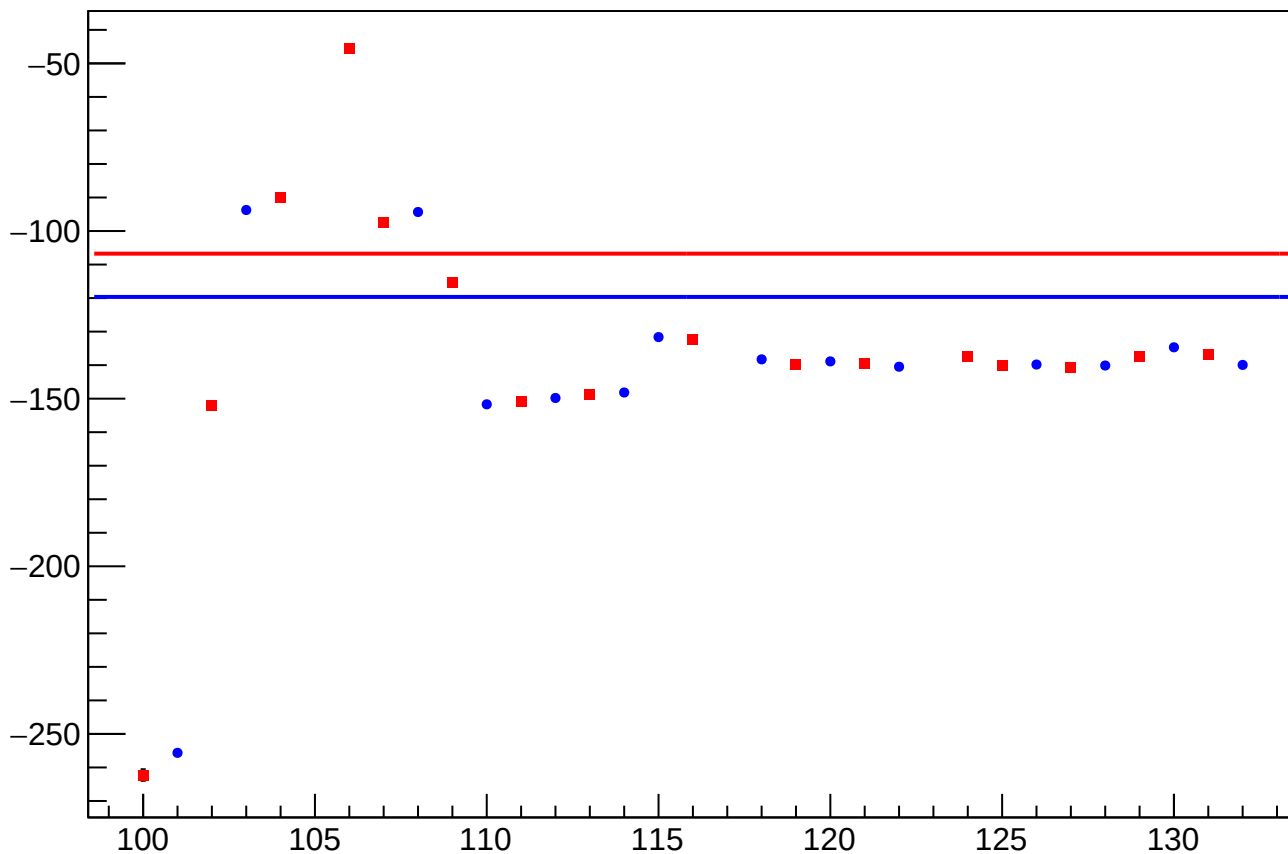
Right: 47.036+/-1.256 χ^2/NDF : 403.8/29

In: 52.066+/-1.846 χ^2/NDF : 182.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.036+/-1.256 χ^2/NDF : 403.8/29

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -119.652+/-0.105 χ^2/NDF : 117794.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -106.750+/-0.095 χ^2/NDF : 148280.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

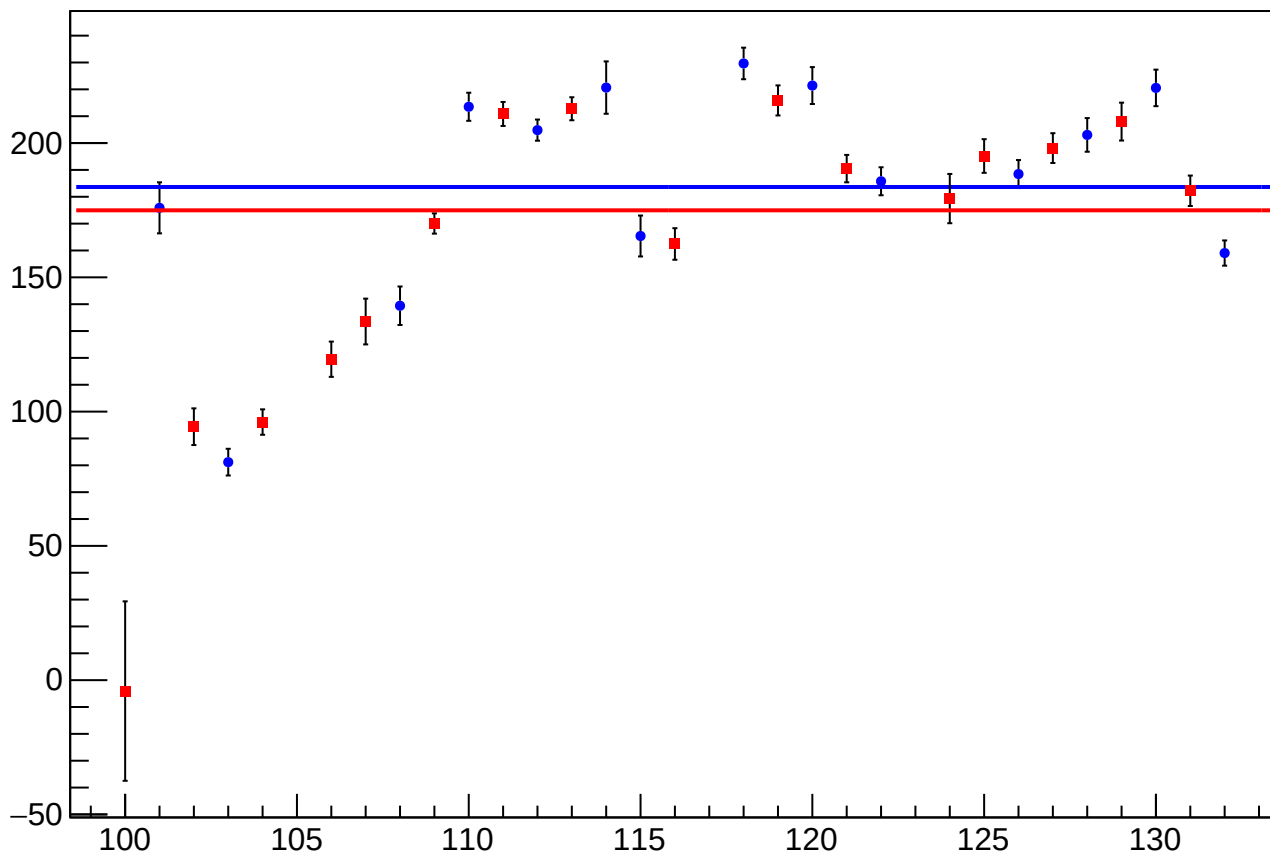
Right: -112.543+/-0.070 χ^2/NDF : 274436.5/29

In: -119.652+/-0.105 χ^2/NDF : 117794.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -112.543+/-0.070 χ^2/NDF : 274436.5/29

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 183.641 $\pm$ 1.551 χ^2 /NDF: 703.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 174.952 $\pm$ 1.416 χ^2 /NDF: 802.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

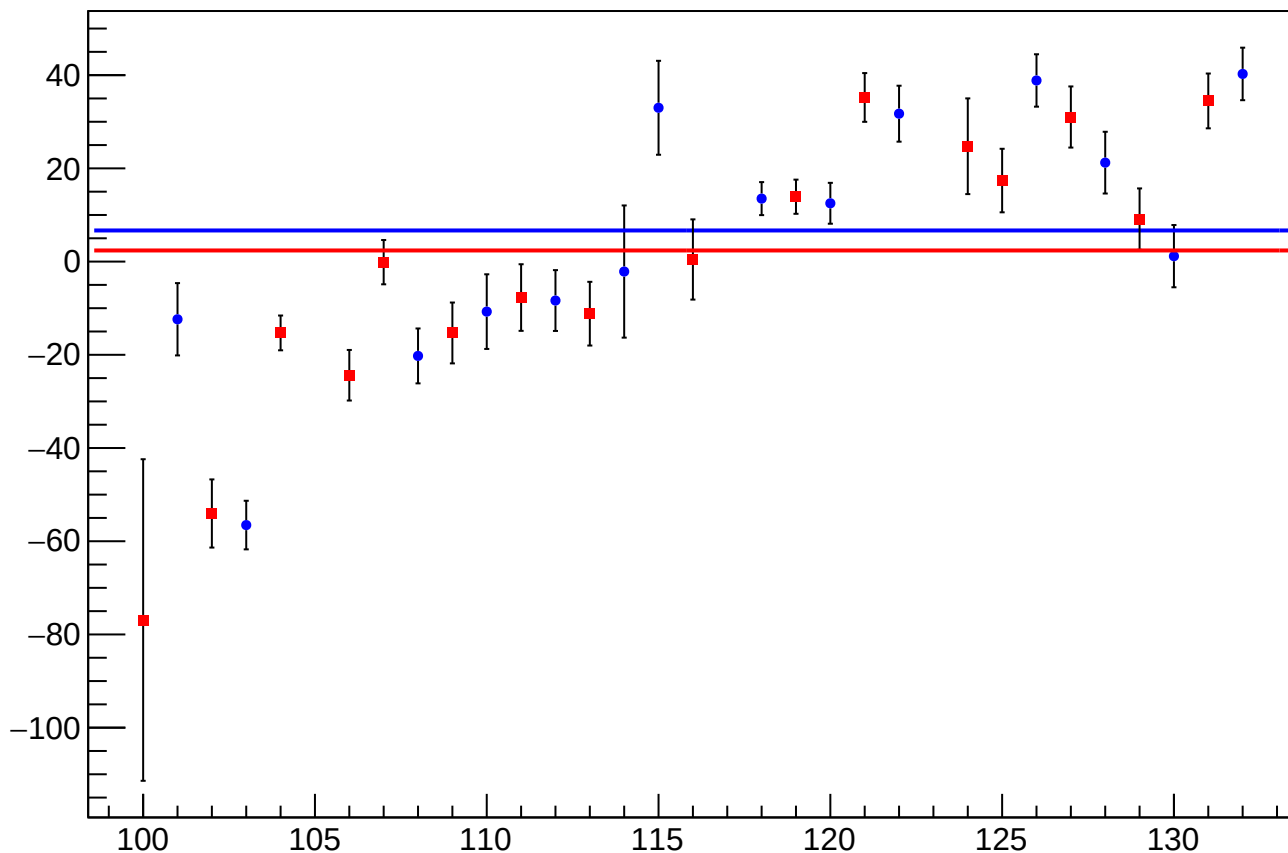
Right: 178.901 $\pm$ 1.046 χ^2 /NDF: 1523.9/29

In: 183.641 $\pm$ 1.551 χ^2 /NDF:703.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 178.901 $\pm$ 1.046 χ^2 /NDF: 1523.9/29

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.678+/-1.573 χ^2/NDF : 287.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.387+/-1.467 χ^2/NDF : 234.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

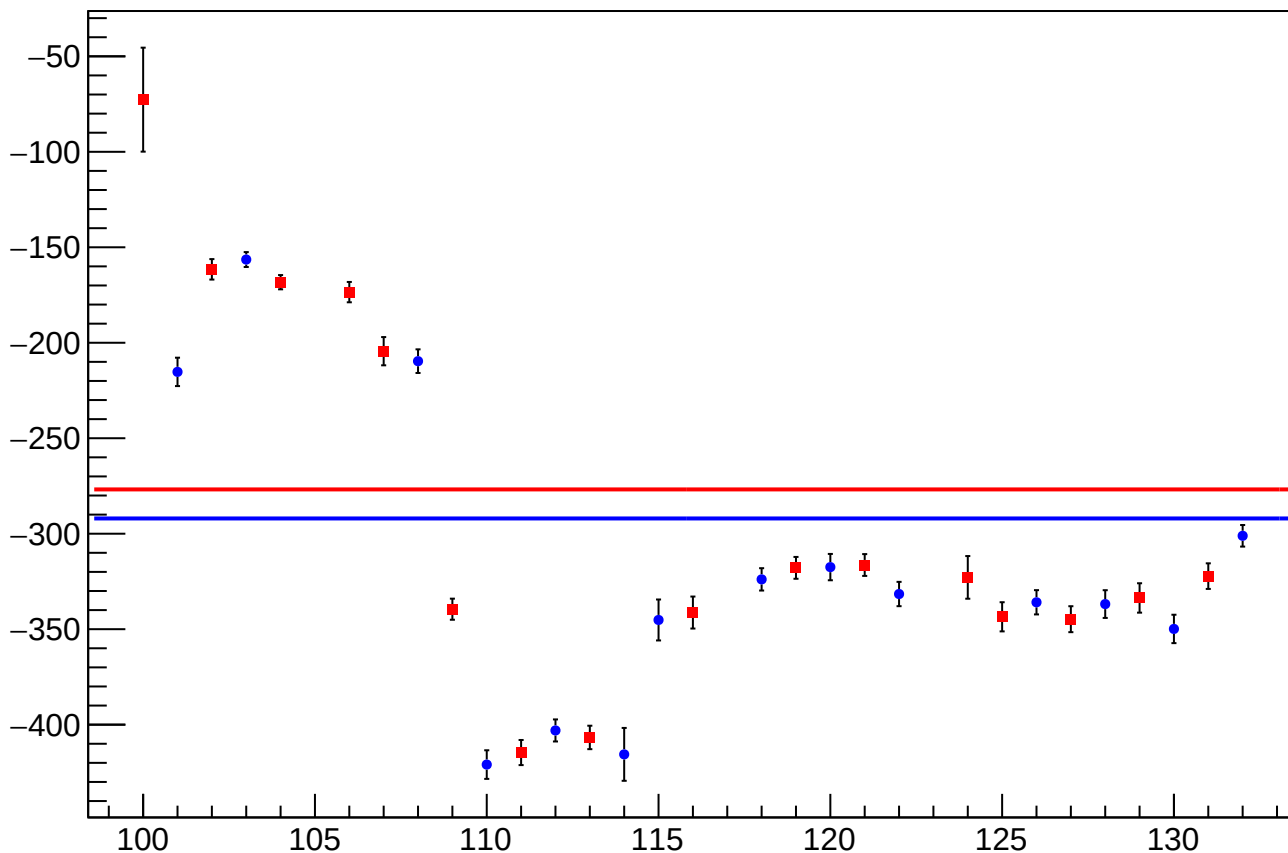
Right: 4.382+/-1.073 χ^2/NDF : 525.9/29

In: 6.678+/-1.573 χ^2/NDF : 287.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.382+/-1.073 χ^2/NDF : 525.9/29

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -292.014+/-1.716 χ^2/NDF : 2491.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -276.803+/-1.571 χ^2/NDF : 3303.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

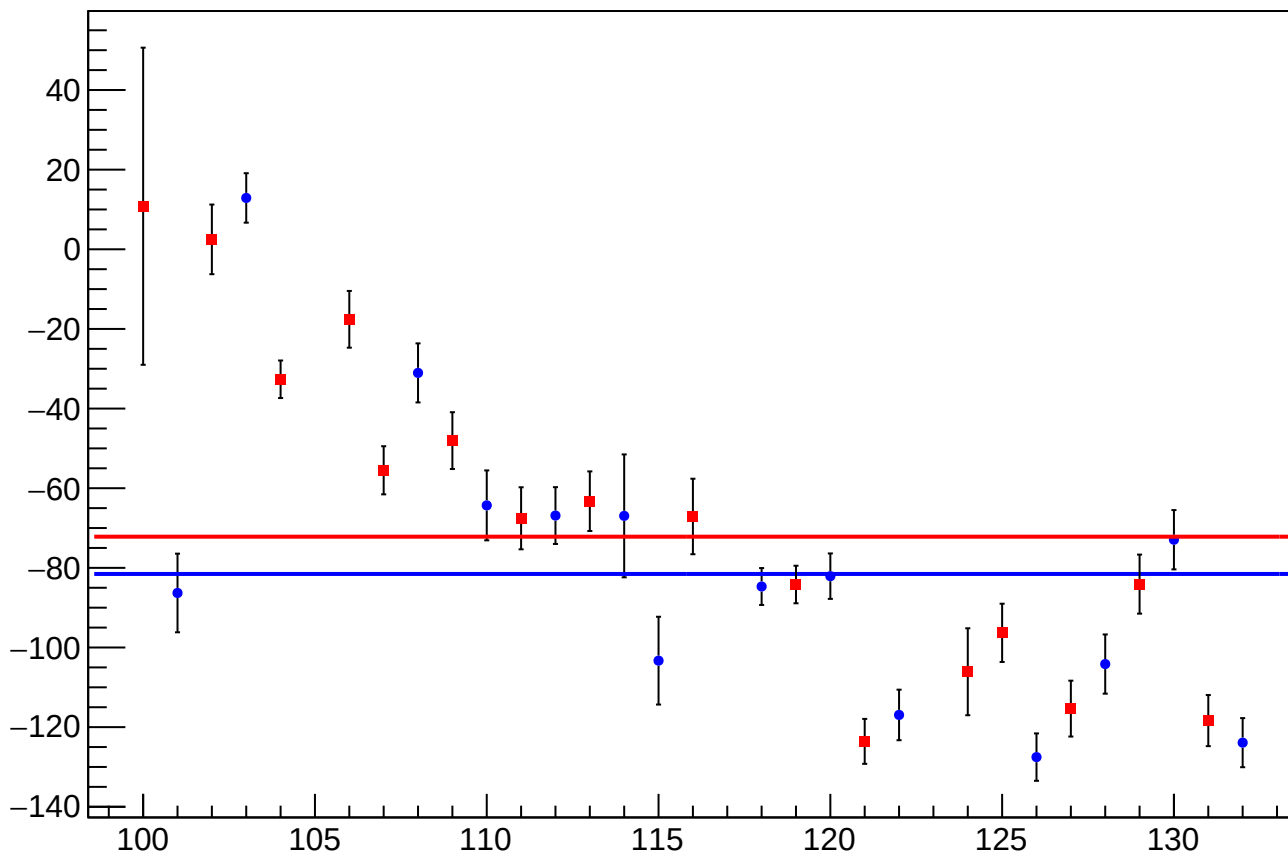
Right: -283.737+/-1.159 χ^2/NDF : 5837.8/29

In: -292.014+/-1.716 χ^2/NDF : 2491.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -283.737+/-1.159 χ^2/NDF : 5837.8/29

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -81.533+/-1.850 χ^2/NDF : 439.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -72.174+/-1.722 χ^2/NDF : 429.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

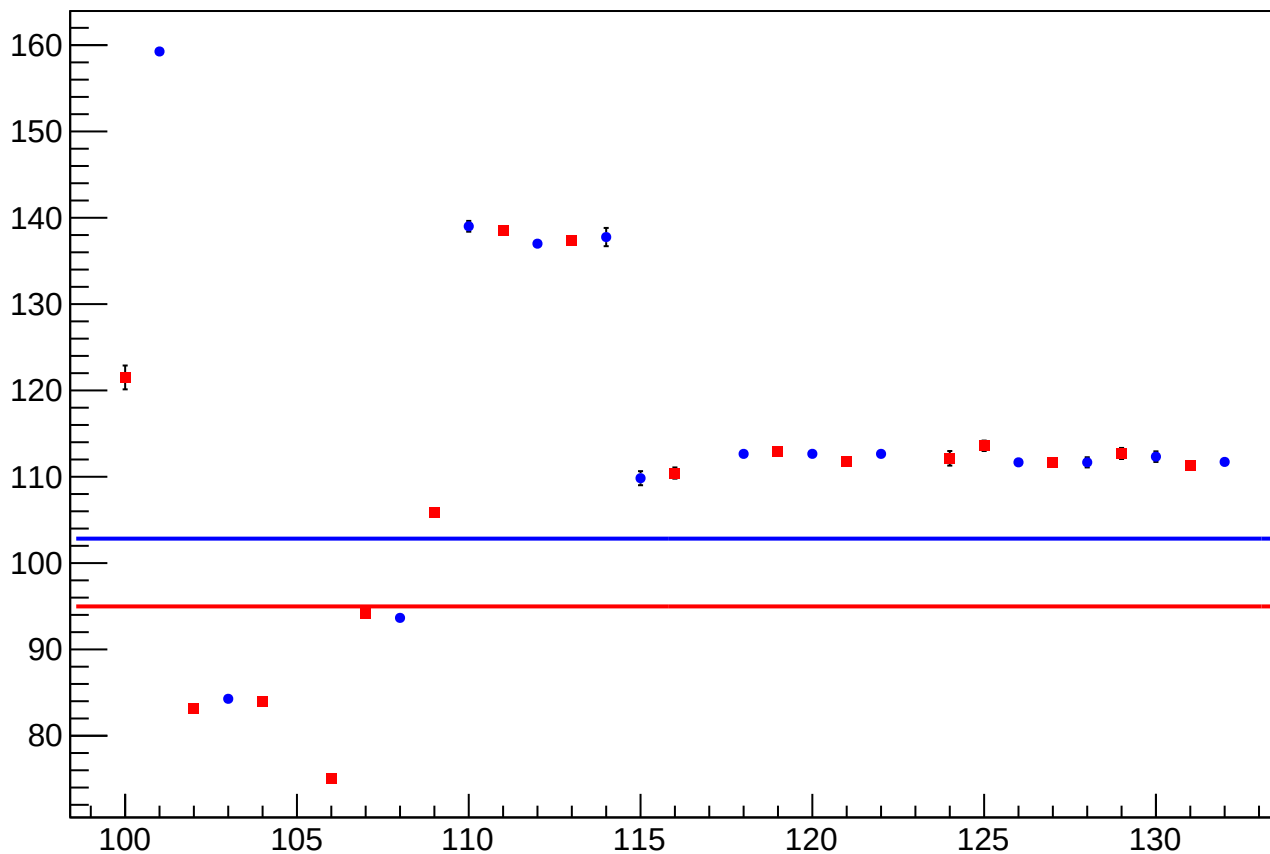
Right: -76.520+/-1.260 χ^2/NDF : 883.0/29

In: -81.533+/-1.850 χ^2/NDF : 439.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -76.520+/-1.260 χ^2/NDF : 883.0/29

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 102.834+/-0.103 χ^2/NDF : 43229.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.982+/-0.092 χ^2/NDF : 36475.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

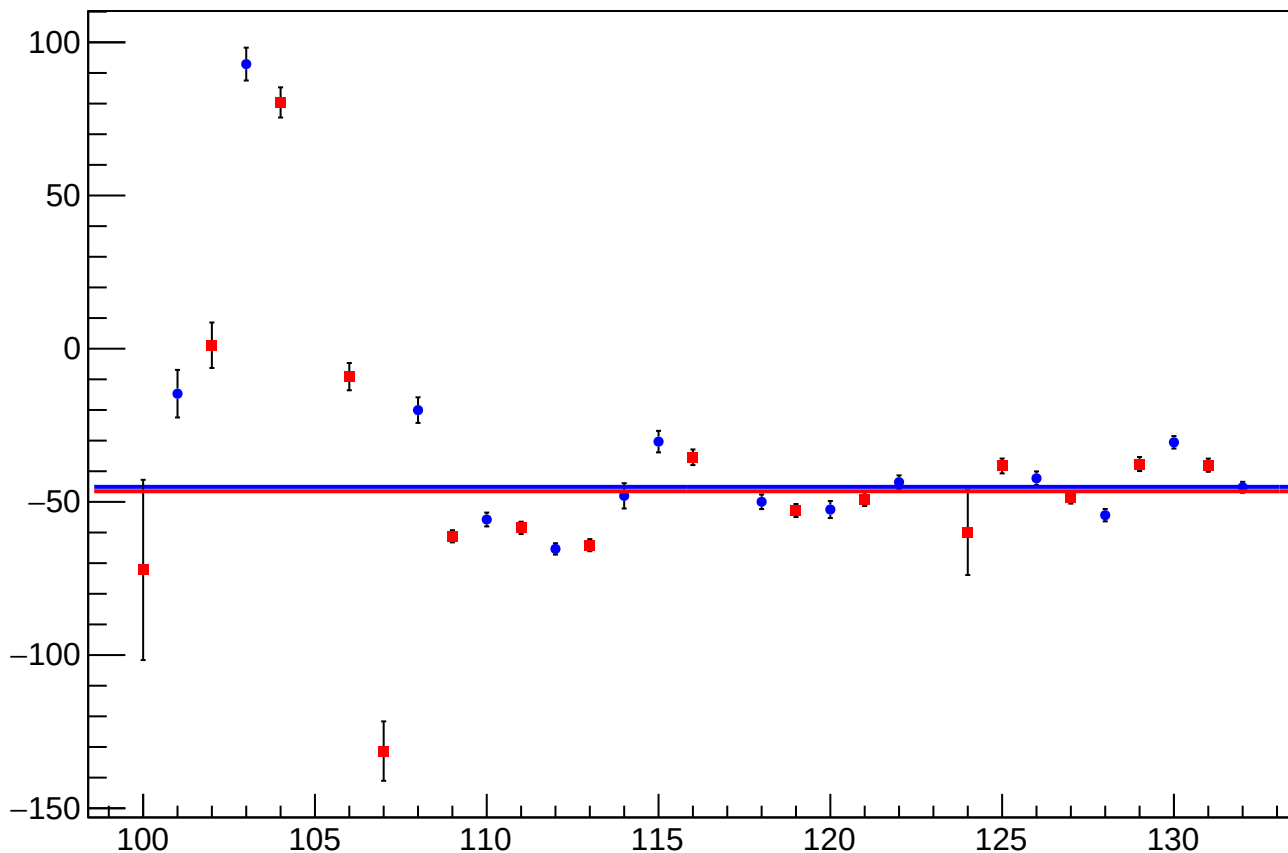
Right: 98.476+/-0.069 χ^2/NDF : 82944.6/29

In: 102.834+/-0.103 χ^2/NDF : 43229.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.476+/-0.069 χ^2/NDF : 82944.6/29

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -45.094 ± 0.668 χ^2/NDF : 957.4/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -46.536 ± 0.661 χ^2/NDF : 1096.3/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

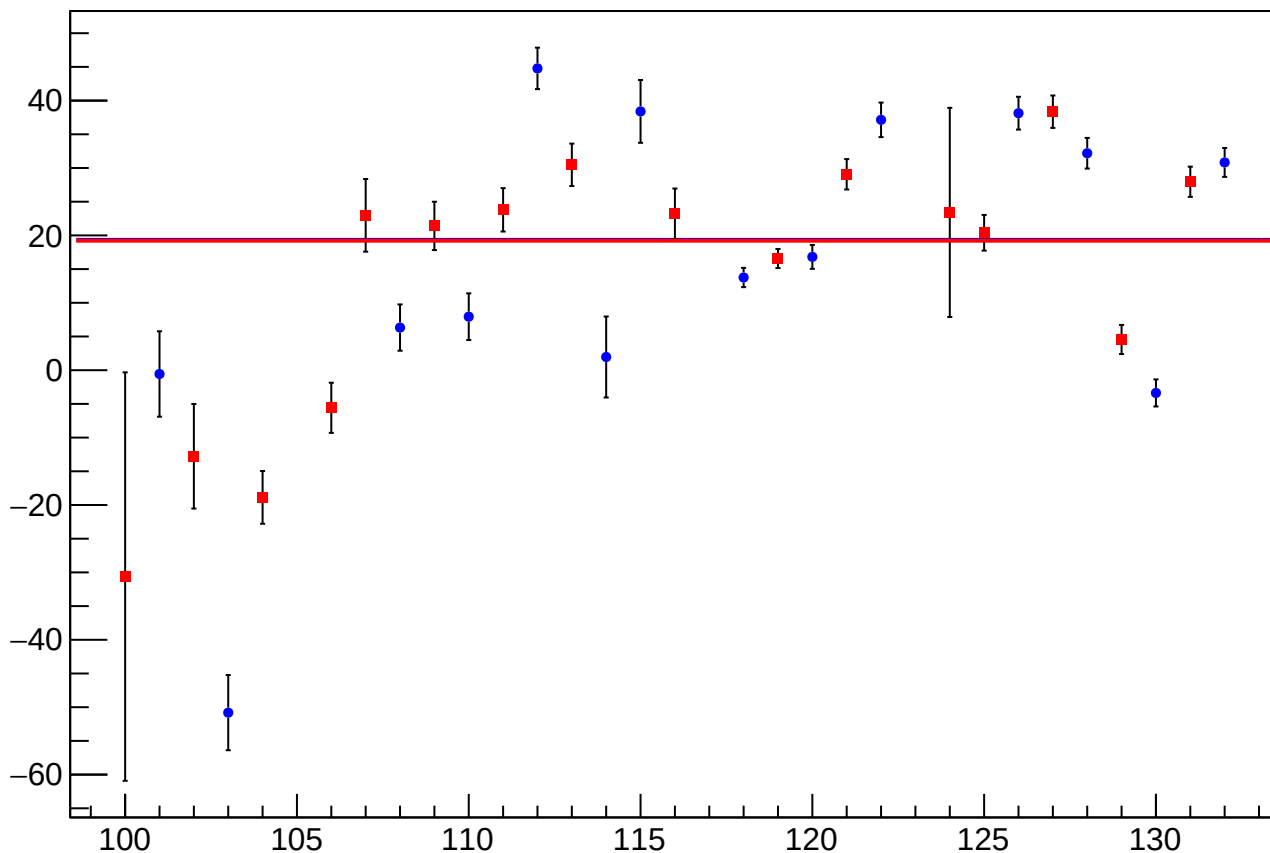
Right: -45.823 ± 0.470 χ^2/NDF : 2056.0/29

In: -45.094 ± 0.668 χ^2/NDF : 957.4/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -45.823 ± 0.470 χ^2/NDF : 2056.0/29

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.332+/-0.675 χ^2 /NDF: 600.6/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 19.216+/-0.713 χ^2 /NDF: 323.1/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

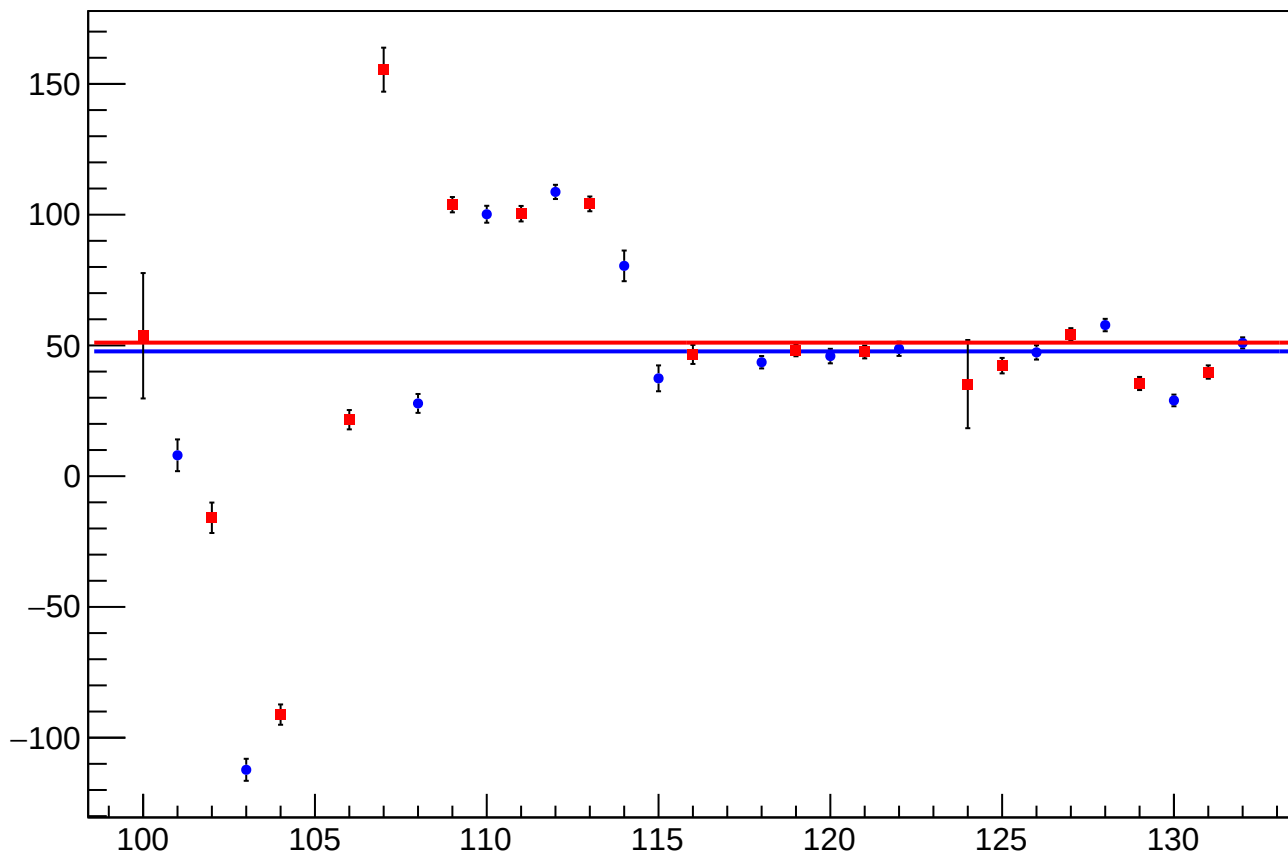
Right: 19.277+/-0.490 χ^2 /NDF: 923.6/29

In: 19.332+/-0.675 χ^2 /NDF:600.6/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 19.277+/-0.490 χ^2 /NDF: 923.6/29

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 47.723+/-0.782 χ^2/NDF : 2415.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.073+/-0.793 χ^2/NDF : 2719.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

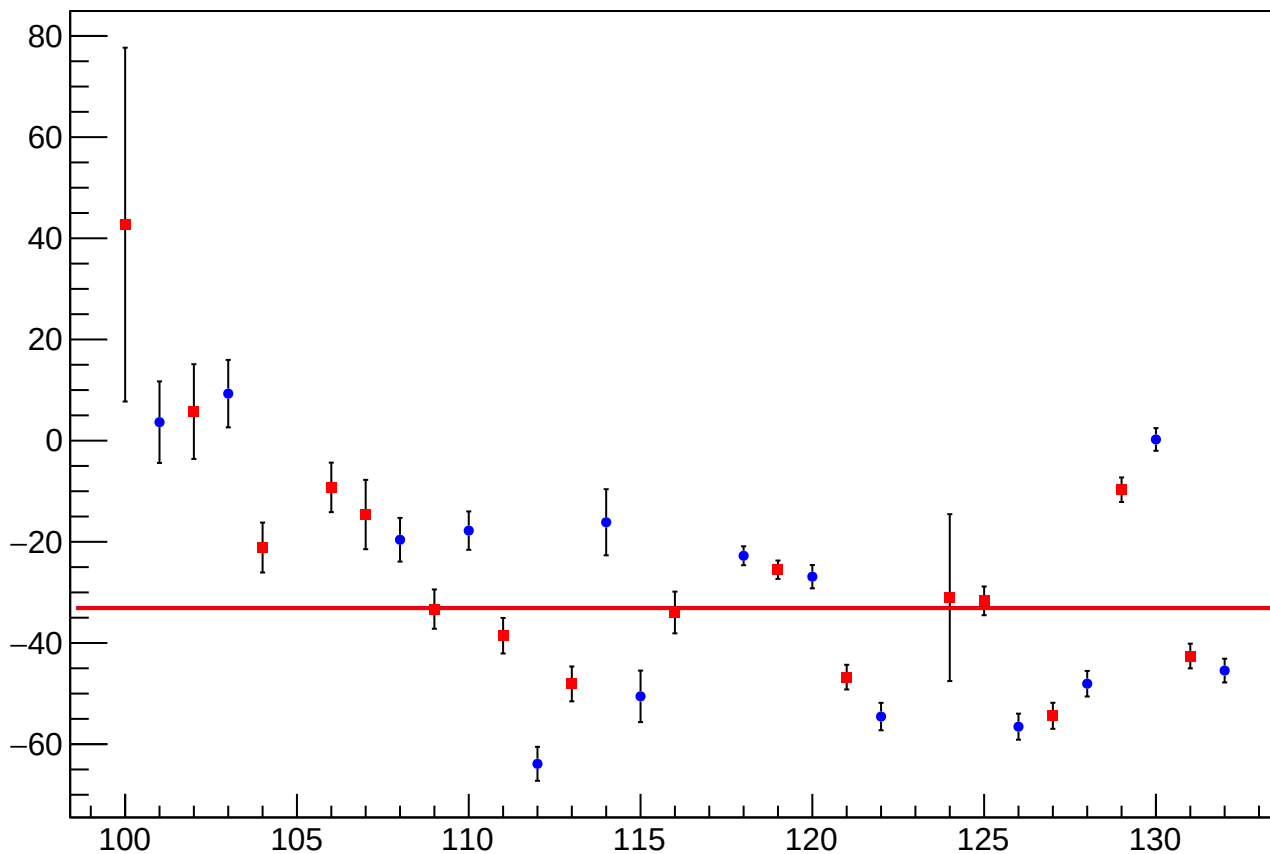
Right: 49.375+/-0.557 χ^2/NDF : 5144.1/29

In: 47.723+/-0.782 χ^2/NDF : 2415.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.375+/-0.557 χ^2/NDF : 5144.1/29

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.071+/-0.788 χ^2/NDF : 657.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -33.105+/-0.818 χ^2/NDF : 305.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

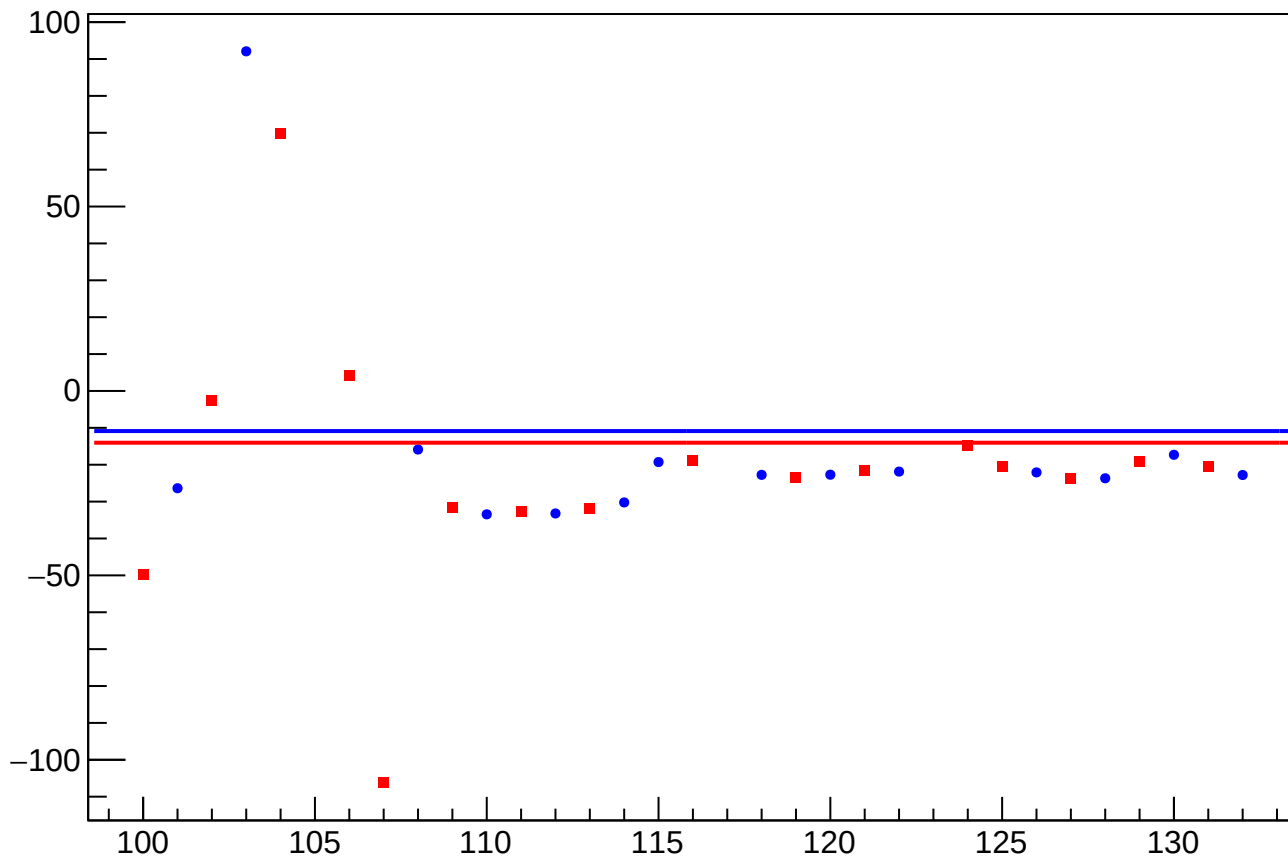
Right: -33.087+/-0.567 χ^2/NDF : 963.4/29

In: -33.071+/-0.788 χ^2/NDF : 657.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.087+/-0.567 χ^2/NDF : 963.4/29

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -10.875 $\pm$ 0.056 χ^2 /NDF: 386117.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -14.032 $\pm$ 0.057 χ^2 /NDF: 316684.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

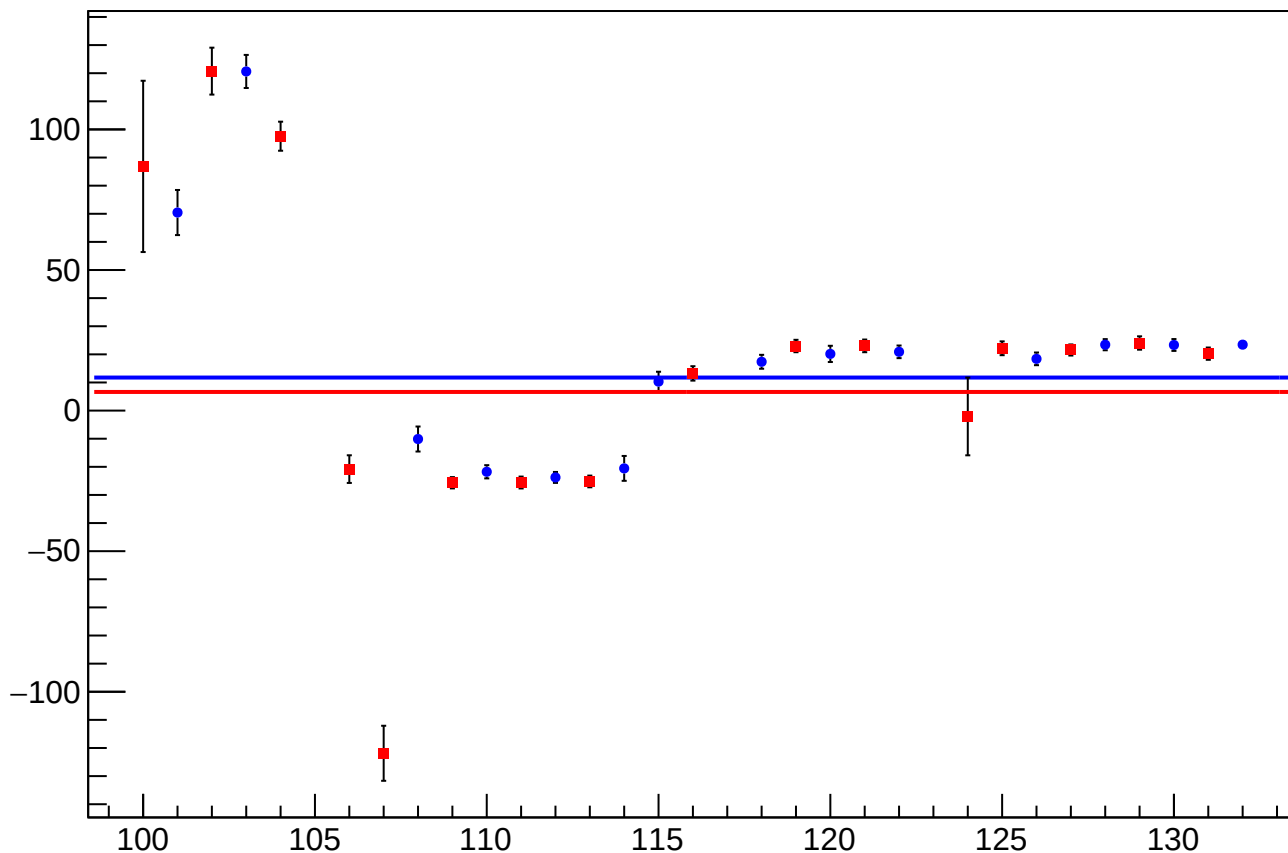
Right: -12.446 $\pm$ 0.040 χ^2 /NDF: 704369.9/29

In: -10.875 $\pm$ 0.056 χ^2 /NDF: 386117.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -12.446 $\pm$ 0.040 χ^2 /NDF: 704369.9/29

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 11.754+/-0.683 χ^2/NDF : 1157.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.631+/-0.678 χ^2/NDF : 1736.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

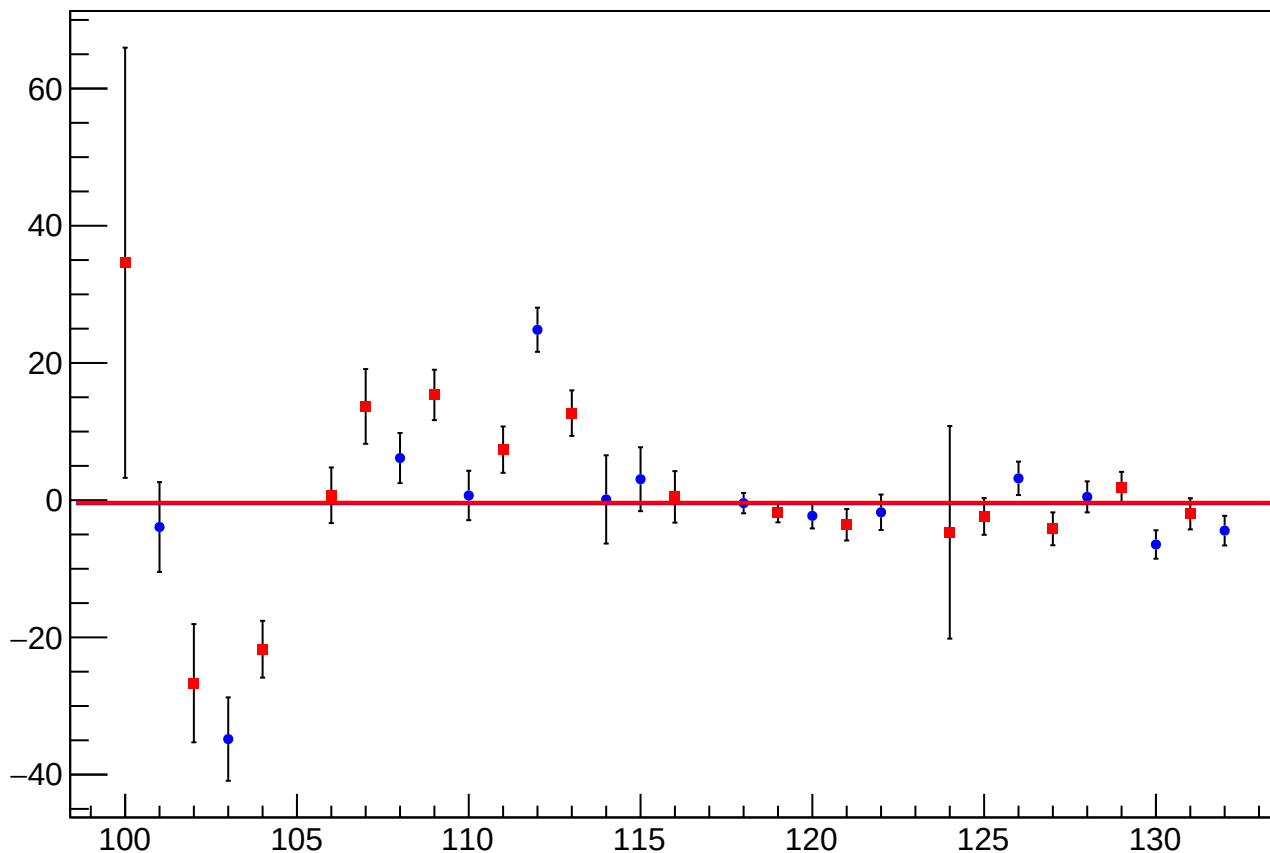
Right: 9.172+/-0.481 χ^2/NDF : 2921.9/29

In: 11.754+/-0.683 χ^2/NDF : 1157.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.172+/-0.481 χ^2/NDF : 2921.9/29

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.447 ± 0.694 χ^2/NDF : 113.3/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.374 ± 0.734 χ^2/NDF : 90.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

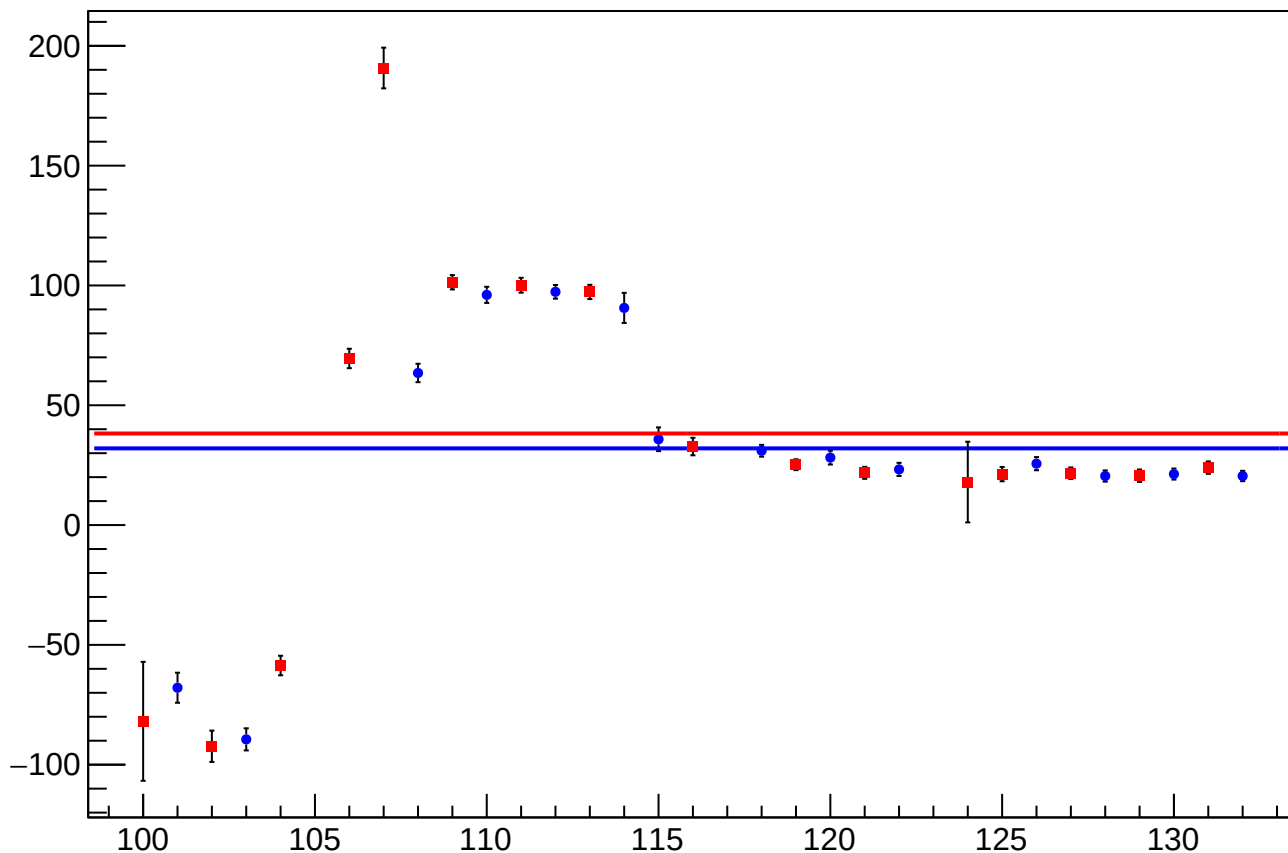
Right: -0.413 ± 0.504 χ^2/NDF : 203.8/29

In: -0.447 ± 0.694 χ^2/NDF : 113.3/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.413 ± 0.504 χ^2/NDF : 203.8/29

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 32.008 $\pm$ 0.802 χ^2 /NDF: 2081.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 38.217 $\pm$ 0.816 χ^2 /NDF: 2840.5/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

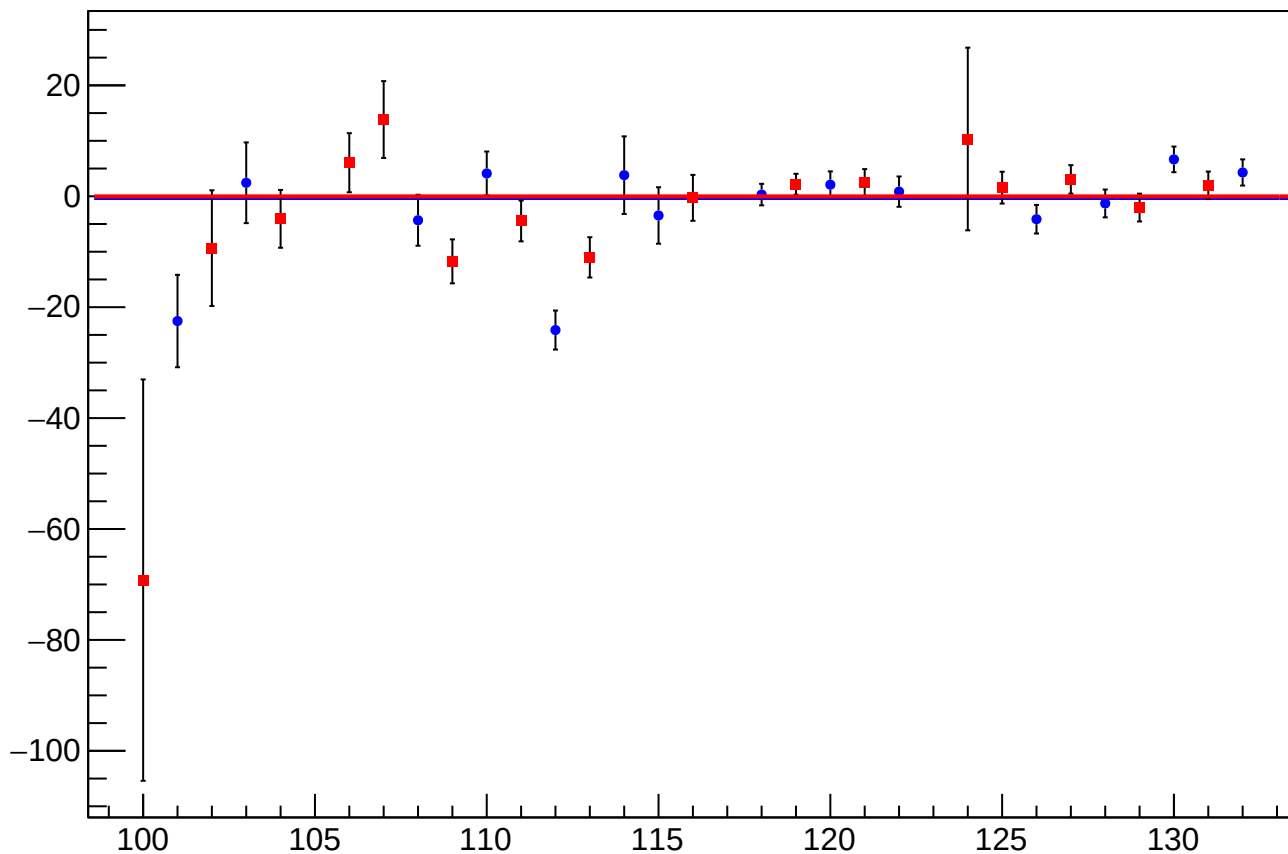
Right: 35.059 $\pm$ 0.572 χ^2 /NDF: 4951.6/29

In: 32.008 $\pm$ 0.802 χ^2 /NDF: 2081.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 35.059 $\pm$ 0.572 χ^2 /NDF: 4951.6/29

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.314 ± 0.807 χ^2/NDF : 72.3/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.019 ± 0.840 χ^2/NDF : 35.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

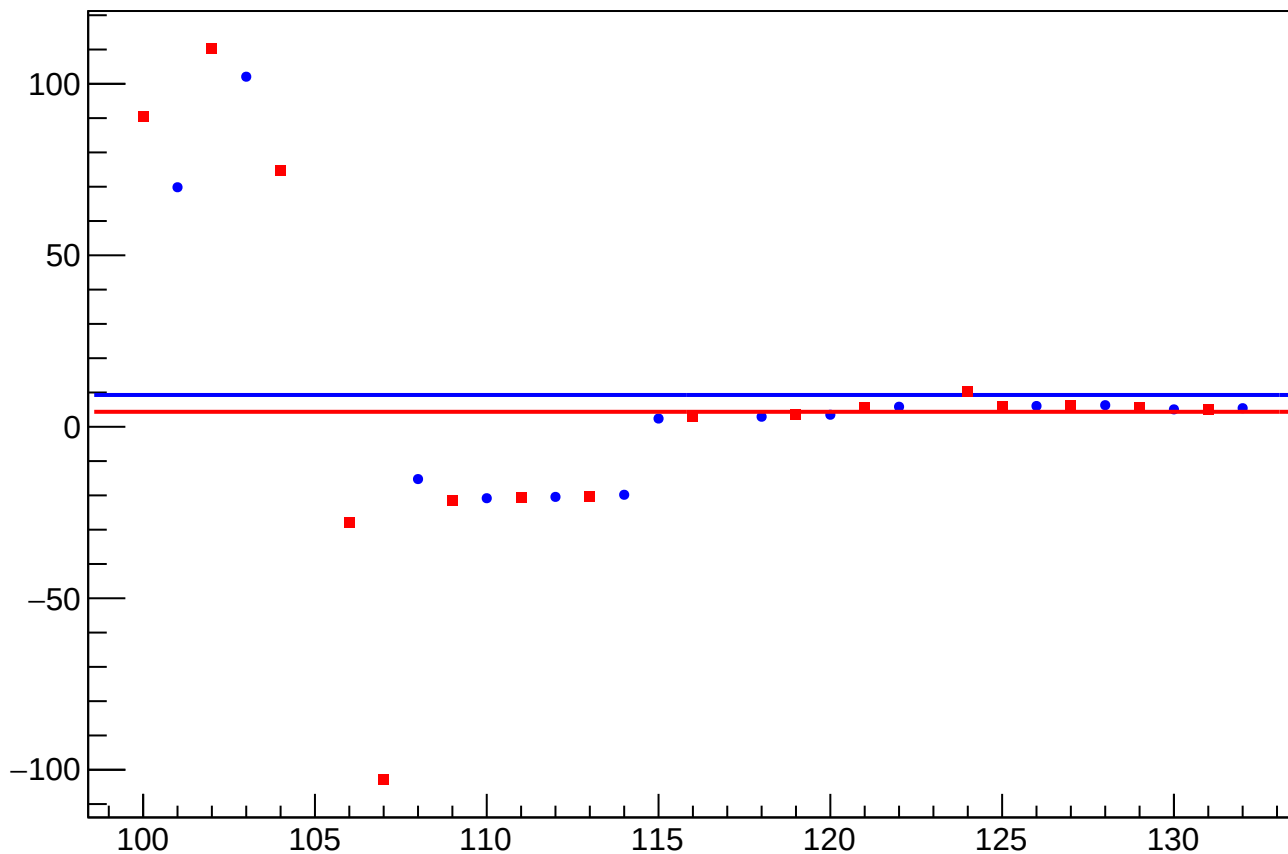
Right: -0.172 ± 0.582 χ^2/NDF : 107.8/29

In: -0.314 ± 0.807 χ^2/NDF : 72.3/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.172 ± 0.582 χ^2/NDF : 107.8/29

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 9.280+/-0.058 χ^2/NDF : 316902.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.371+/-0.059 χ^2/NDF : 434435.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

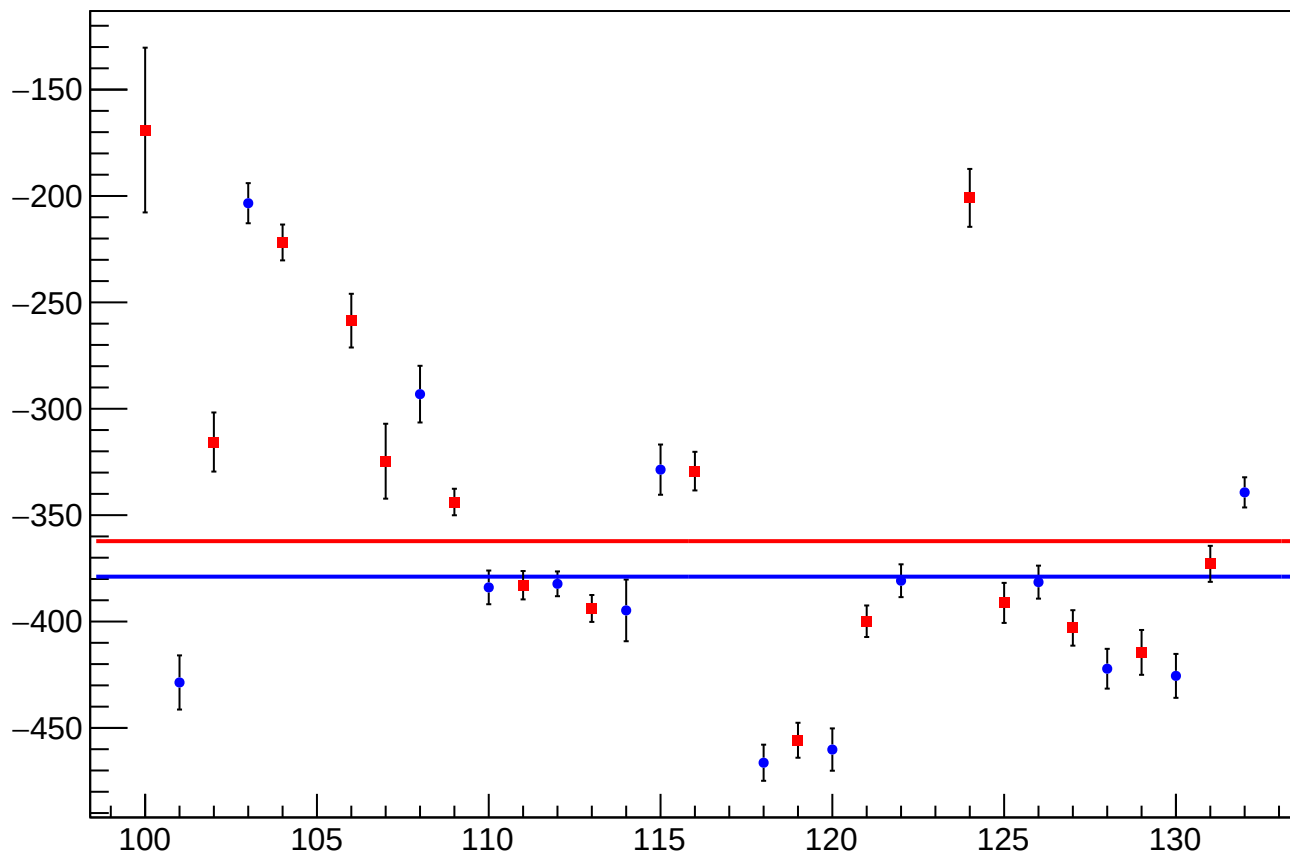
Right: 6.847+/-0.041 χ^2/NDF : 754862.4/29

In: 9.280+/-0.058 χ^2/NDF : 316902.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.847+/-0.041 χ^2/NDF : 754862.4/29

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -378.901+/-2.367 χ^2/NDF : 669.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -362.217+/-2.225 χ^2/NDF : 798.2/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

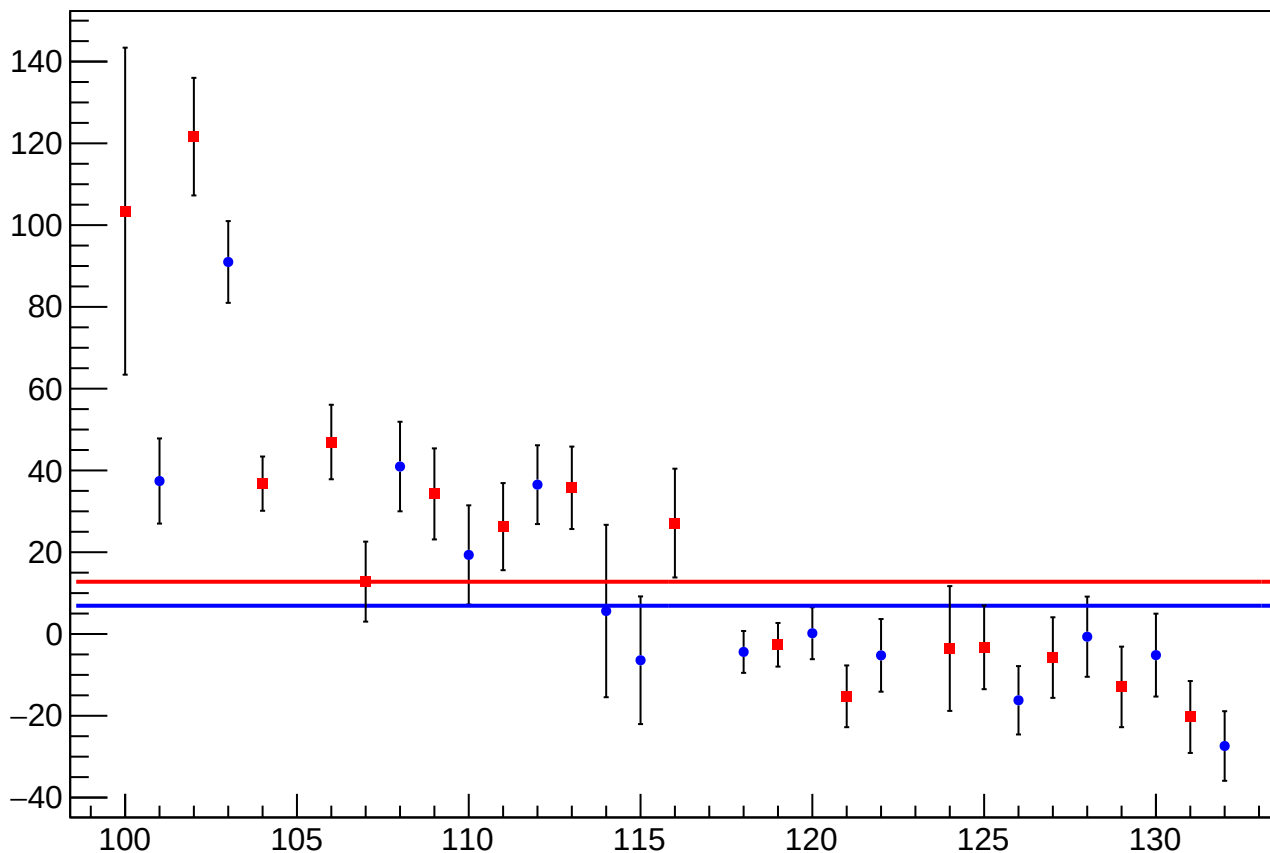
Right: -370.044+/-1.621 χ^2/NDF : 1494.0/29

In: -378.901+/-2.367 χ^2/NDF :669.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -370.044+/-1.621 χ^2/NDF : 1494.0/29

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.914+/-2.388 χ^2/NDF : 134.0/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 12.781+/-2.337 χ^2/NDF : 151.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

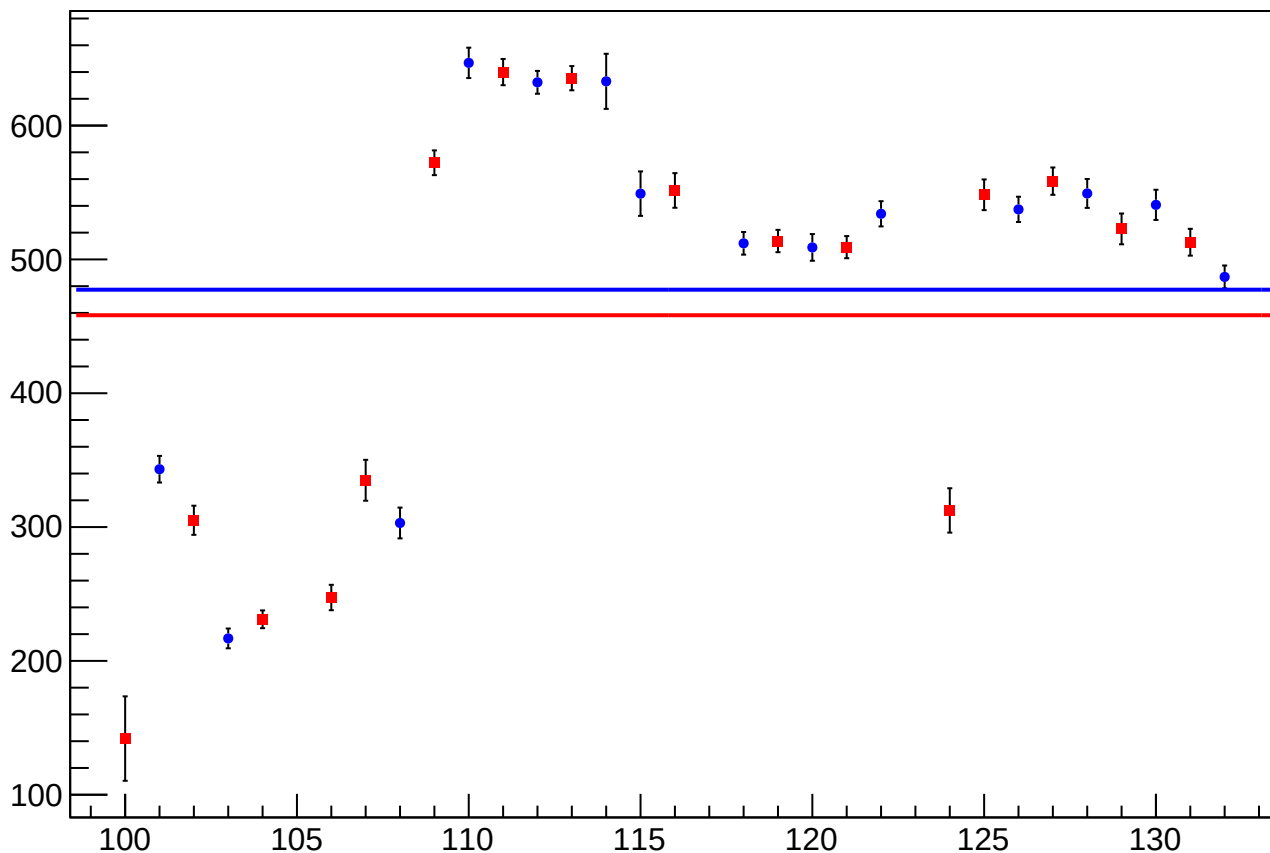
Right: 9.911+/-1.670 χ^2/NDF : 288.5/29

In: 6.914+/-2.388 χ^2/NDF :134.0/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 9.911+/-1.670 χ^2/NDF : 288.5/29

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 477.365+/-2.672 χ^2/NDF : 2460.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 458.292+/-2.539 χ^2/NDF : 3335.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

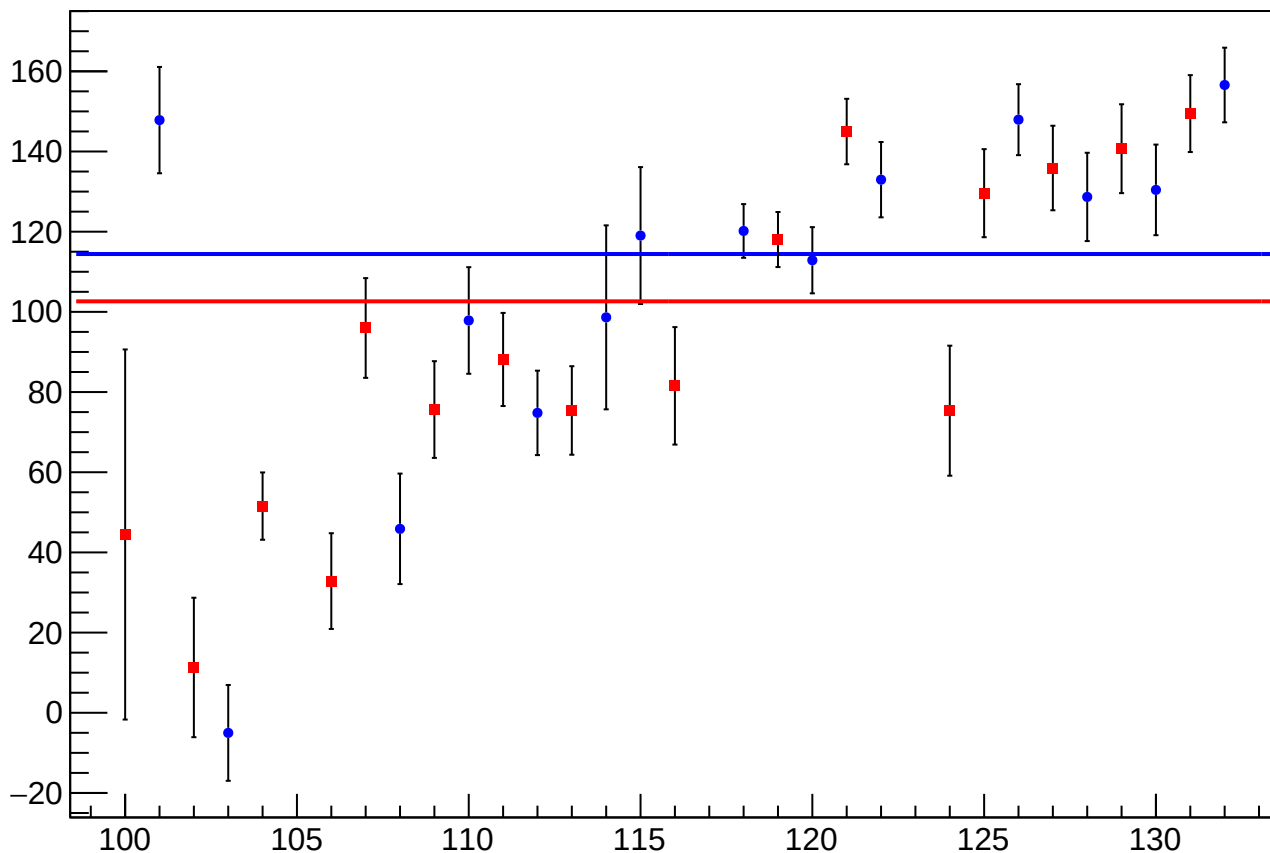
Right: 467.342+/-1.841 χ^2/NDF : 5822.6/29

In: 477.365+/-2.672 χ^2/NDF : 2460.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 467.342+/-1.841 χ^2/NDF : 5822.6/29

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 114.427+/-2.810 χ^2/NDF : 190.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.625+/-2.723 χ^2/NDF : 201.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

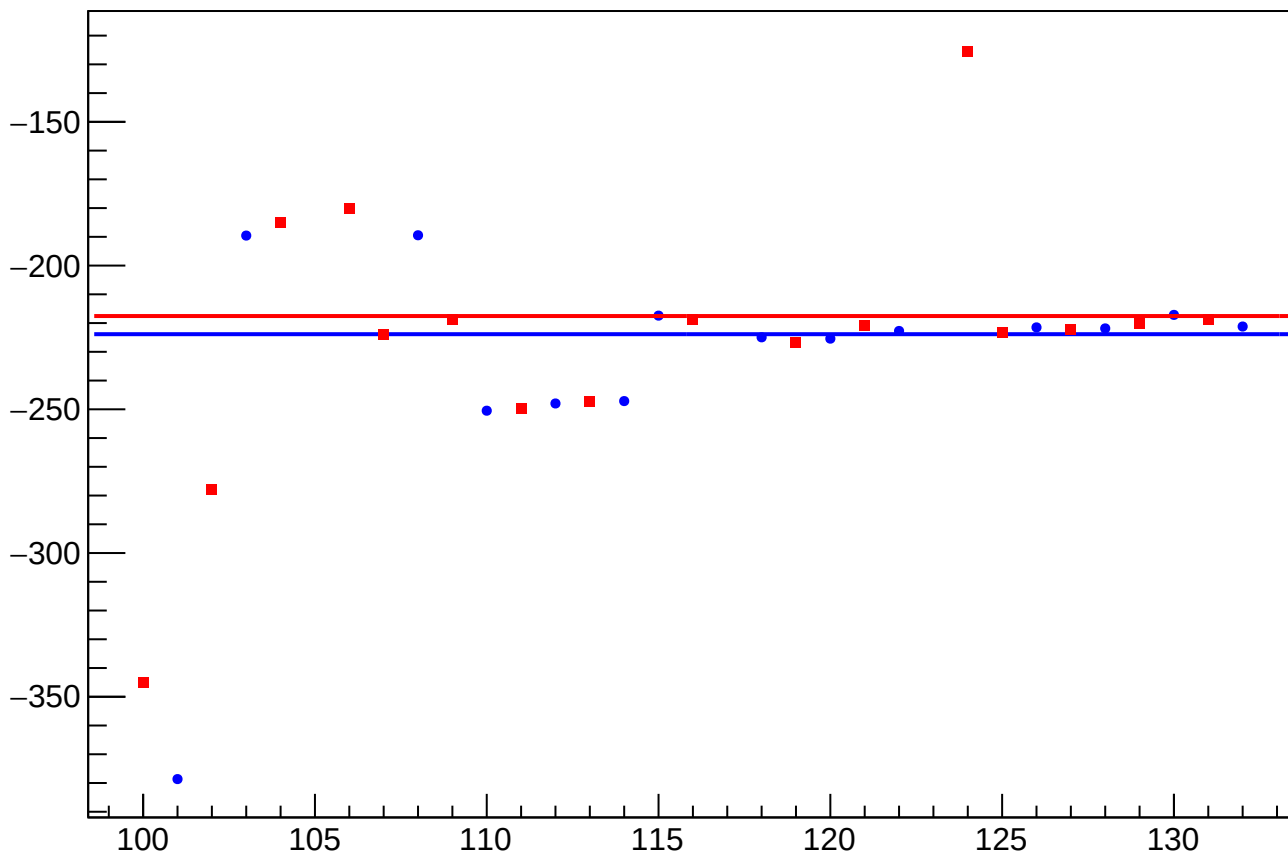
Right: 108.339+/-1.955 χ^2/NDF : 401.2/29

In: 114.427+/-2.810 χ^2/NDF : 190.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.339+/-1.955 χ^2/NDF : 401.2/29

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -223.868+/-0.171 χ^2 /NDF: 87703.7/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -217.556+/-0.161 χ^2 /NDF: 47395.8/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

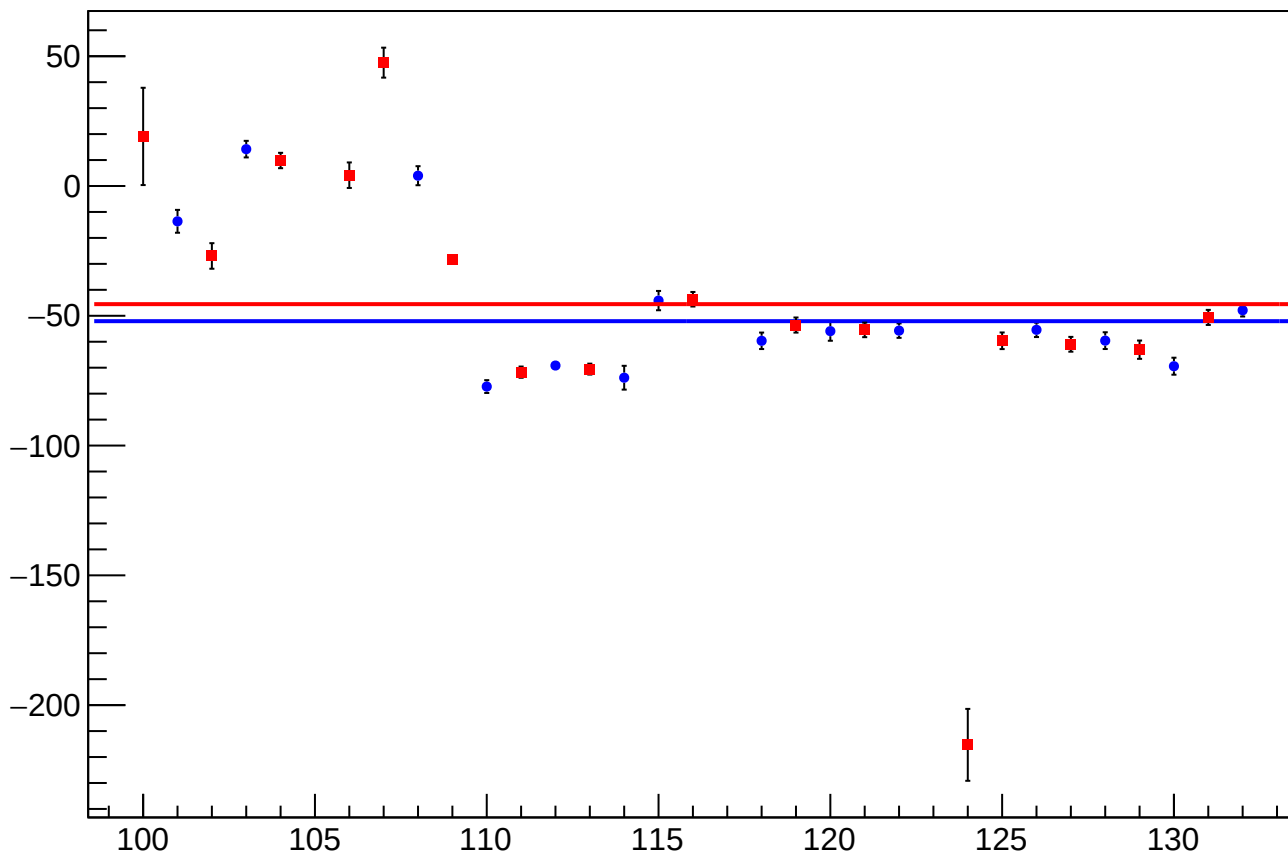
Right: -220.531+/-0.117 χ^2 /NDF: 135819.6/29

In: -223.868+/-0.171 χ^2 /NDF:87703.7/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -220.531+/-0.117 χ^2 /NDF: 135819.6/29

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -52.077 ± 0.800 χ^2/NDF : 995.5/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -45.517 ± 0.726 χ^2/NDF : 1398.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

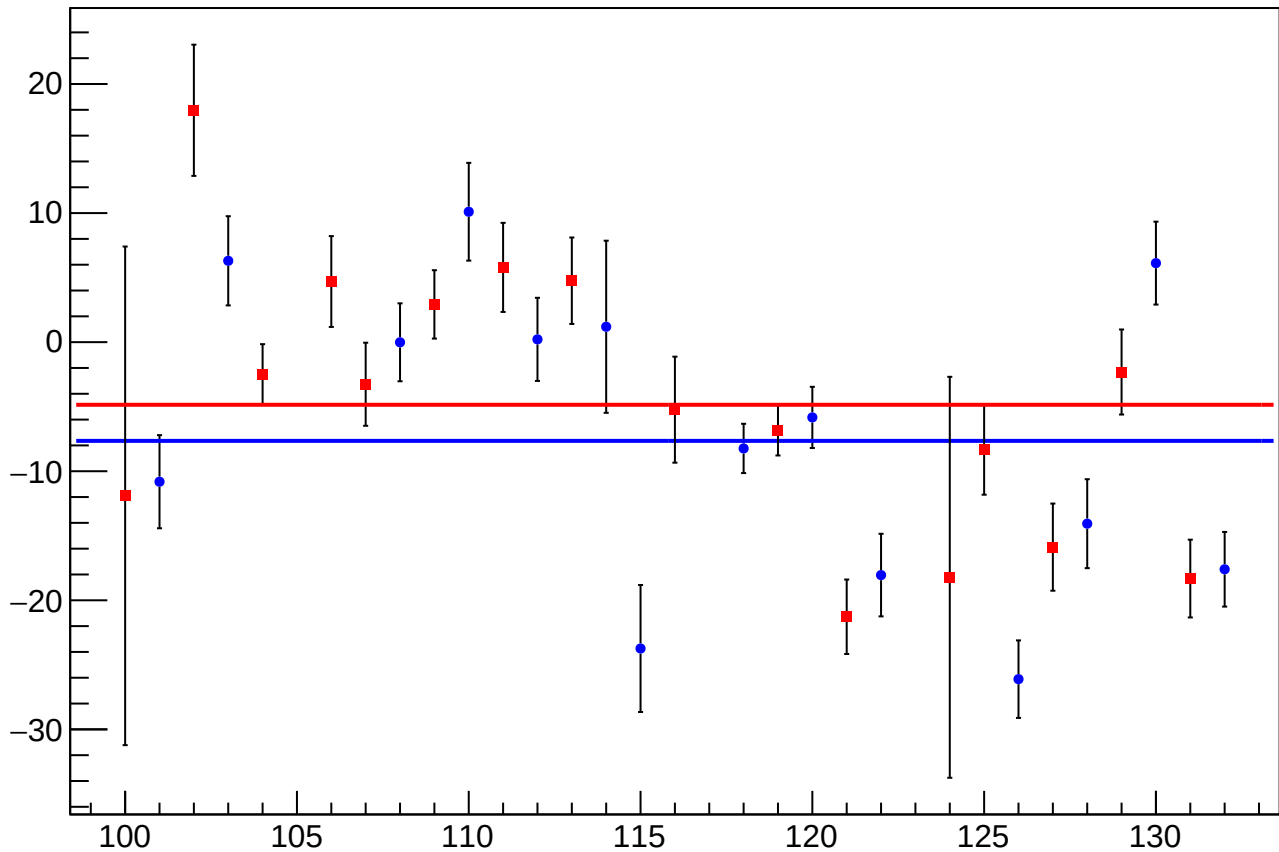
Right: -48.481 ± 0.538 χ^2/NDF : 2431.1/29

In: -52.077 ± 0.800 χ^2/NDF : 995.5/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -48.481 ± 0.538 χ^2/NDF : 2431.1/29

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.649 ± 0.827 χ^2/NDF : 146.6/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.853 ± 0.806 χ^2/NDF : 121.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

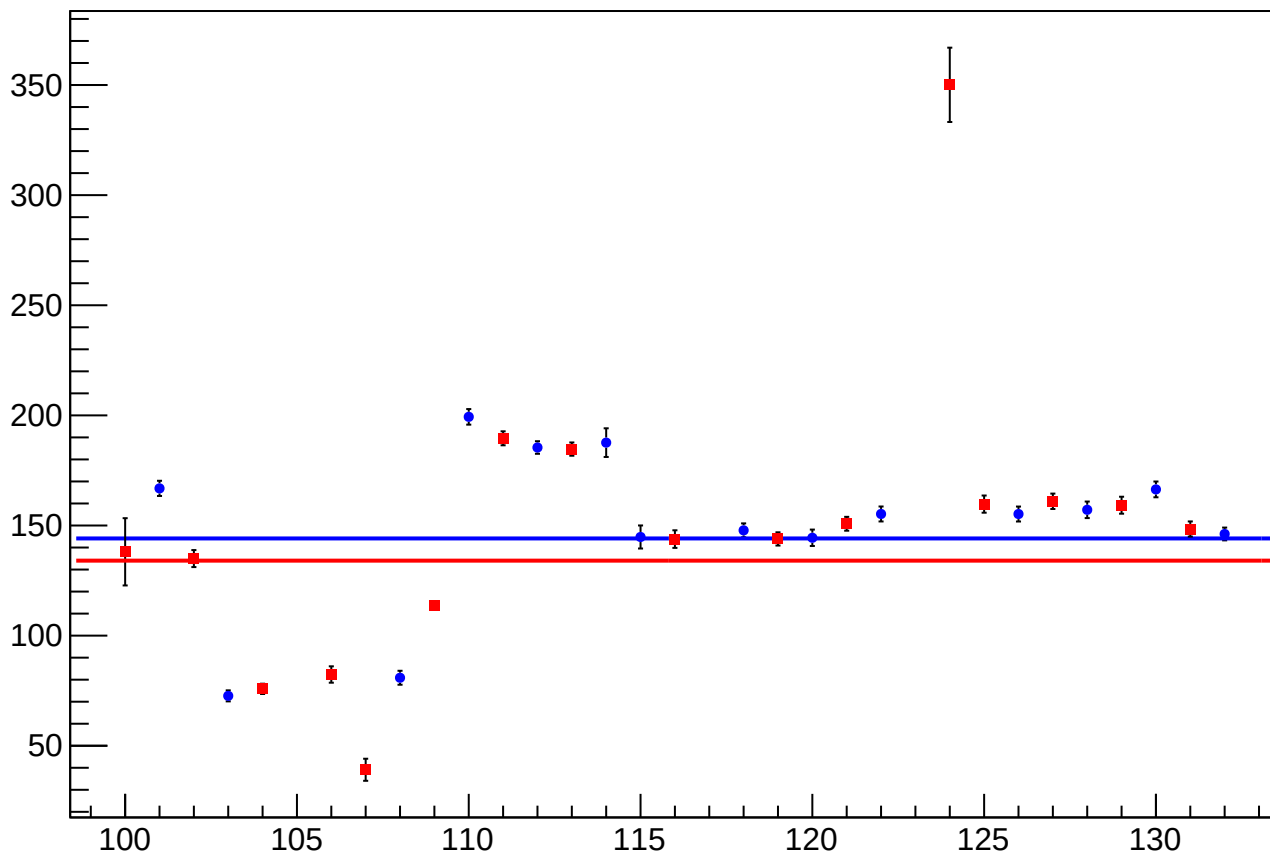
Right: -6.215 ± 0.577 χ^2/NDF : 274.1/29

In: -7.649 ± 0.827 χ^2/NDF : 146.6/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.215 ± 0.577 χ^2/NDF : 274.1/29

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 144.124+/-0.905 χ^2/NDF : 1827.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.049+/-0.861 χ^2/NDF : 2215.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

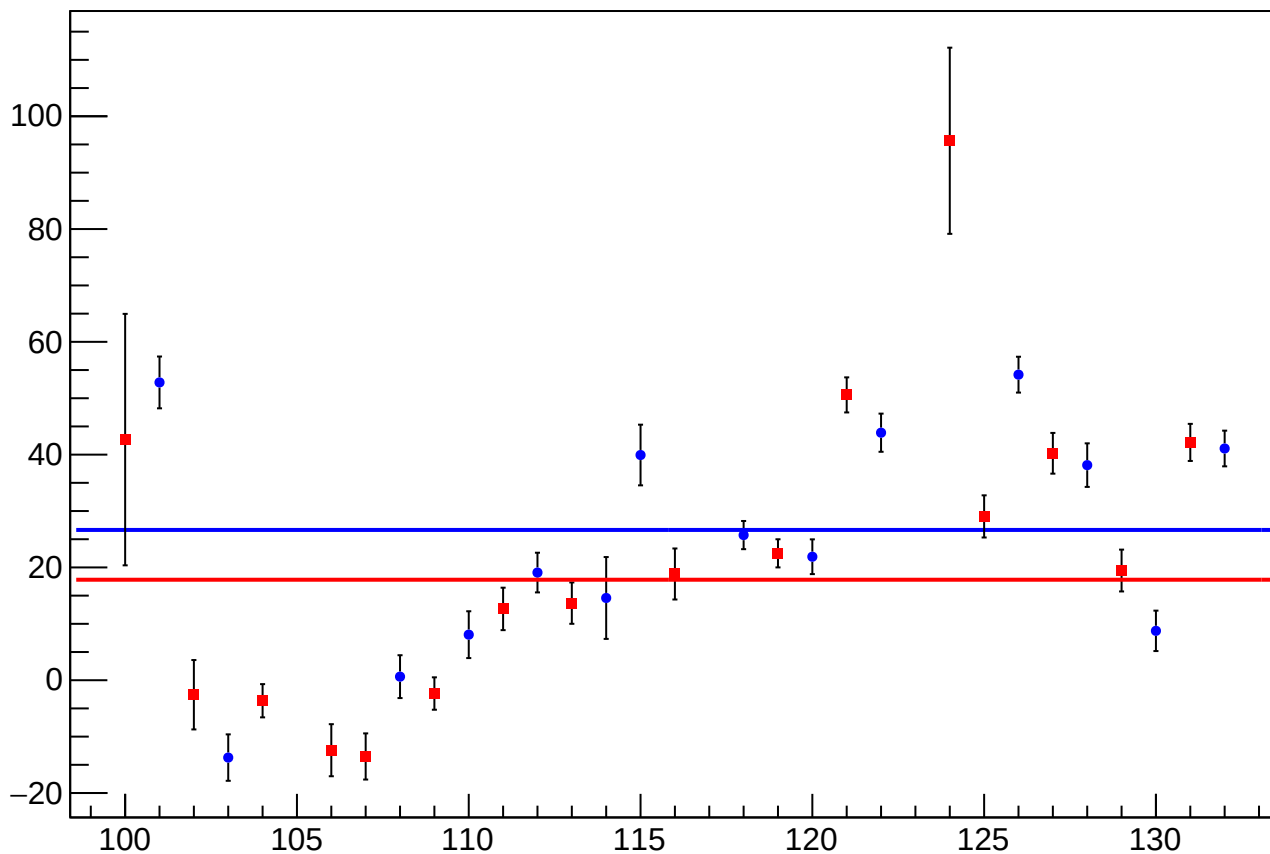
Right: 138.834+/-0.624 χ^2/NDF : 4108.0/29

In: 144.124+/-0.905 χ^2/NDF : 1827.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.834+/-0.624 χ^2/NDF : 4108.0/29

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 26.647 $\pm$ 0.969 χ^2/NDF : 367.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 17.819 $\pm$ 0.934 χ^2/NDF : 458.7/15

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

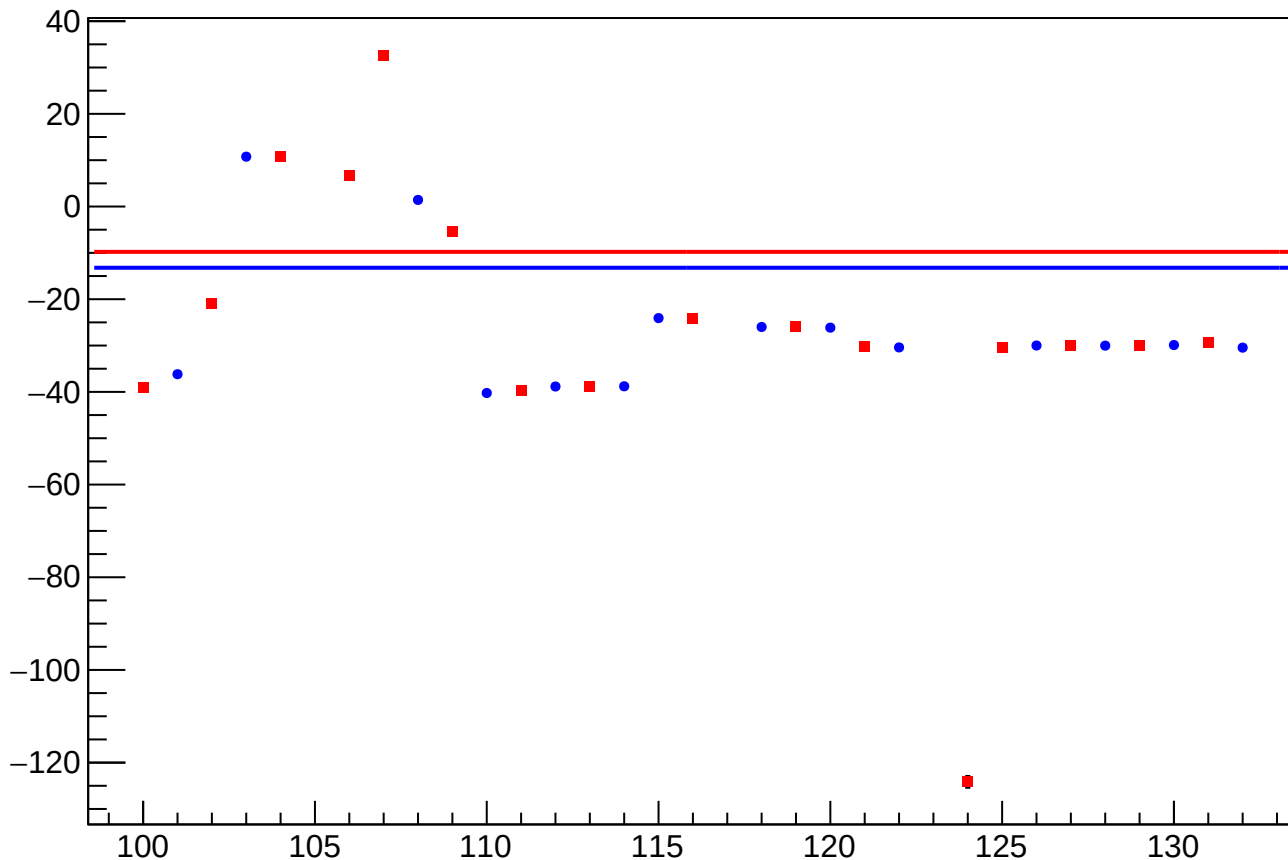
Right: 22.070 $\pm$ 0.672 χ^2/NDF : 868.8/29

In: 26.647 $\pm$ 0.969 χ^2/NDF : 367.1/13

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 22.070 $\pm$ 0.672 χ^2/NDF : 868.8/29

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -13.212 $\pm$ 0.057 χ^2 /NDF: 127117.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -9.783 $\pm$ 0.055 χ^2 /NDF: 160404.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

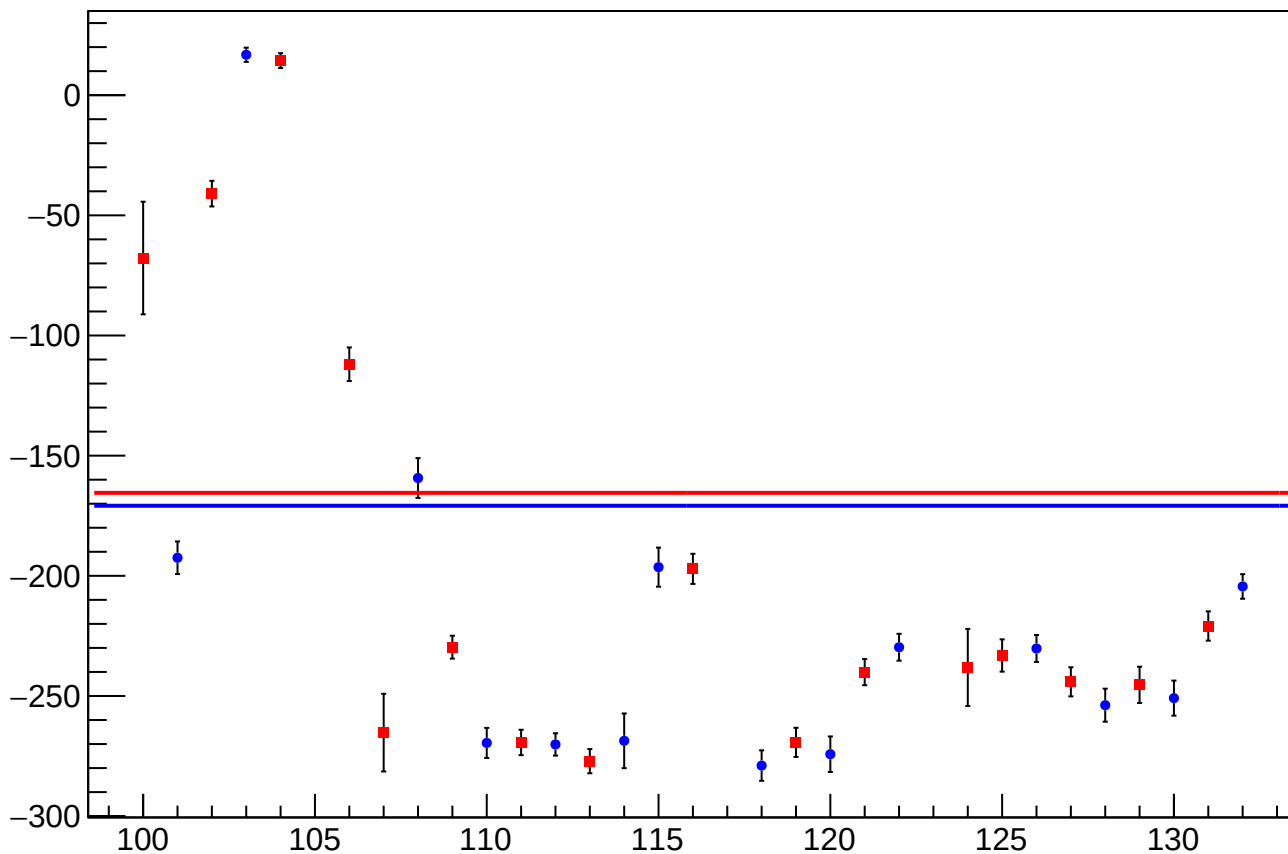
Right: -11.454 $\pm$ 0.039 χ^2 /NDF: 289408.6/29

In: -13.212 $\pm$ 0.057 χ^2 /NDF:127117.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -11.454 $\pm$ 0.039 χ^2 /NDF: 289408.6/29

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -170.846+/-1.524 χ^2/NDF : 5848.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -165.477+/-1.460 χ^2/NDF : 6070.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

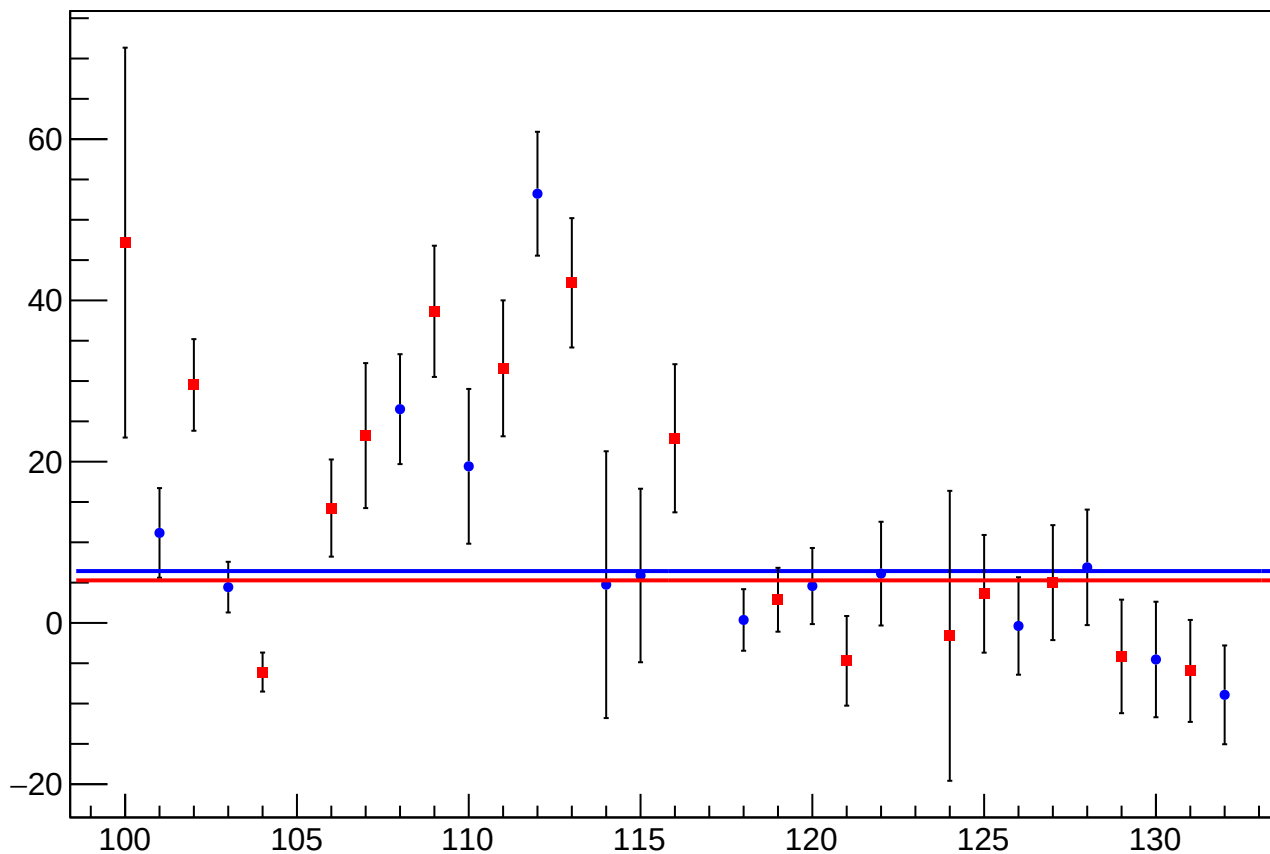
Right: -168.047+/-1.054 χ^2/NDF : 11926.1/29

In: -170.846+/-1.524 χ^2/NDF :5848.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -168.047+/-1.054 χ^2/NDF : 11926.1/29

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.432+/-1.532 χ^2/NDF : 61.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.278+/-1.439 χ^2/NDF : 109.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

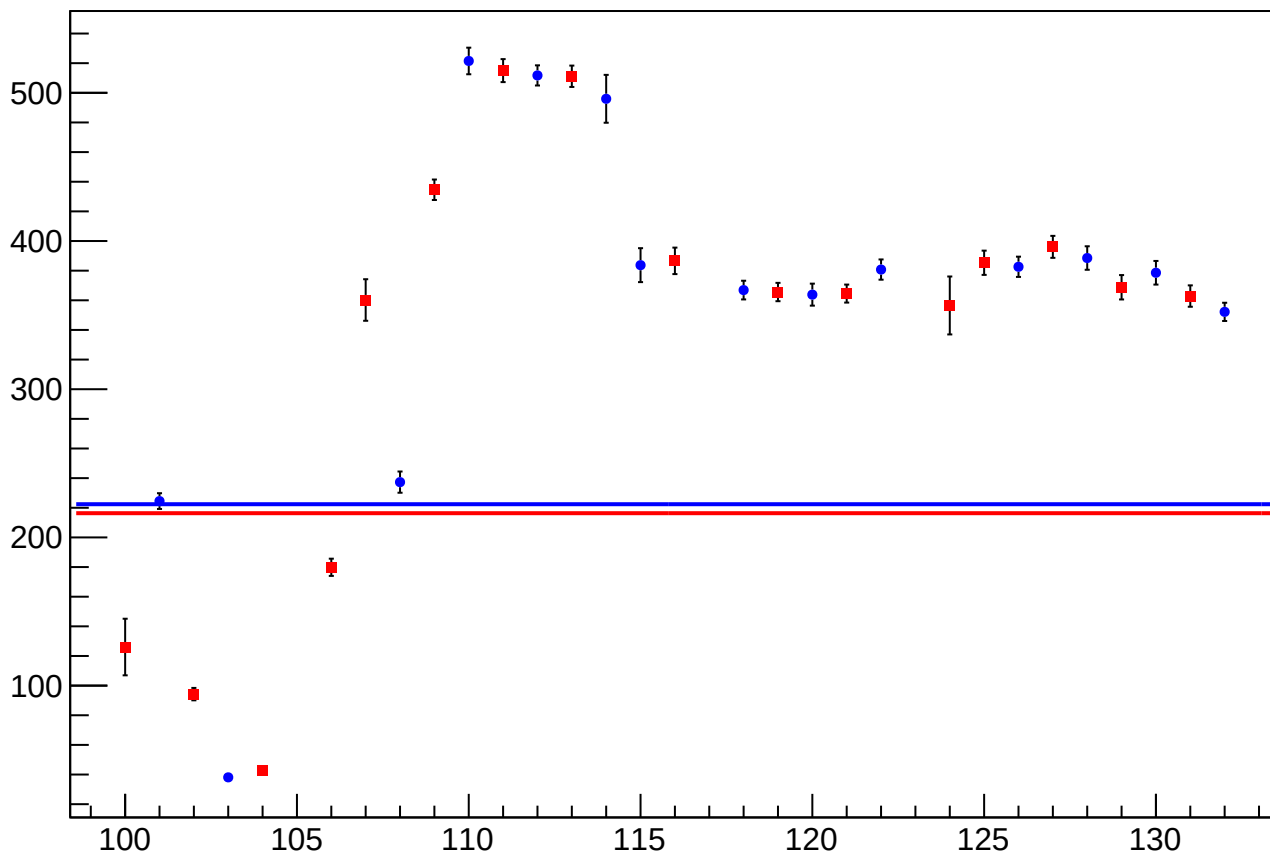
Right: 5.819+/-1.049 χ^2/NDF : 171.3/29

In: 6.432+/-1.532 χ^2/NDF : 61.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.819+/-1.049 χ^2/NDF : 171.3/29

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 222.406+/-1.525 χ^2/NDF : 12950.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 216.347+/-1.484 χ^2/NDF : 13552.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

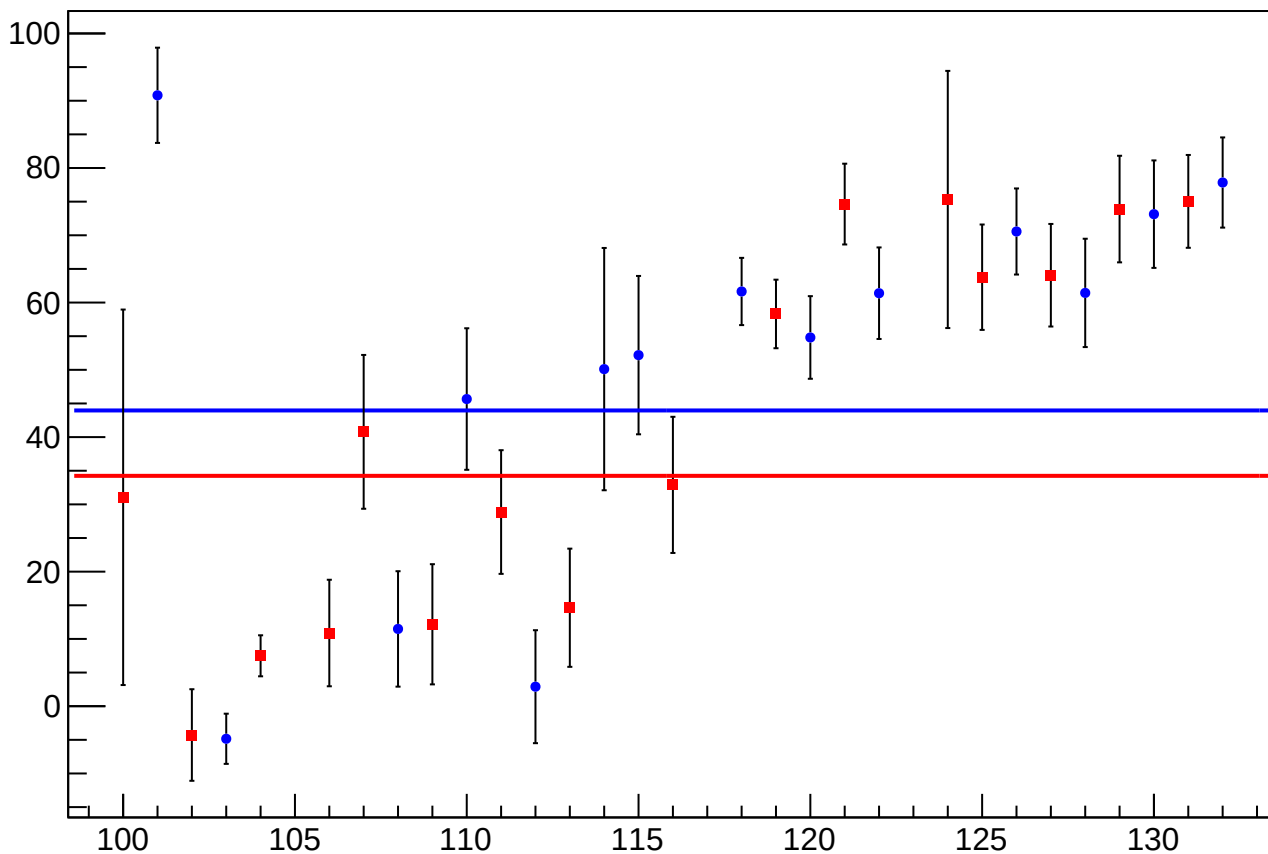
Right: 219.295+/-1.064 χ^2/NDF : 26510.8/29

In: 222.406+/-1.525 χ^2/NDF : 12950.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 219.295+/-1.064 χ^2/NDF : 26510.8/29

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.961+/-1.811 χ^2/NDF : 337.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.242+/-1.714 χ^2/NDF : 291.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

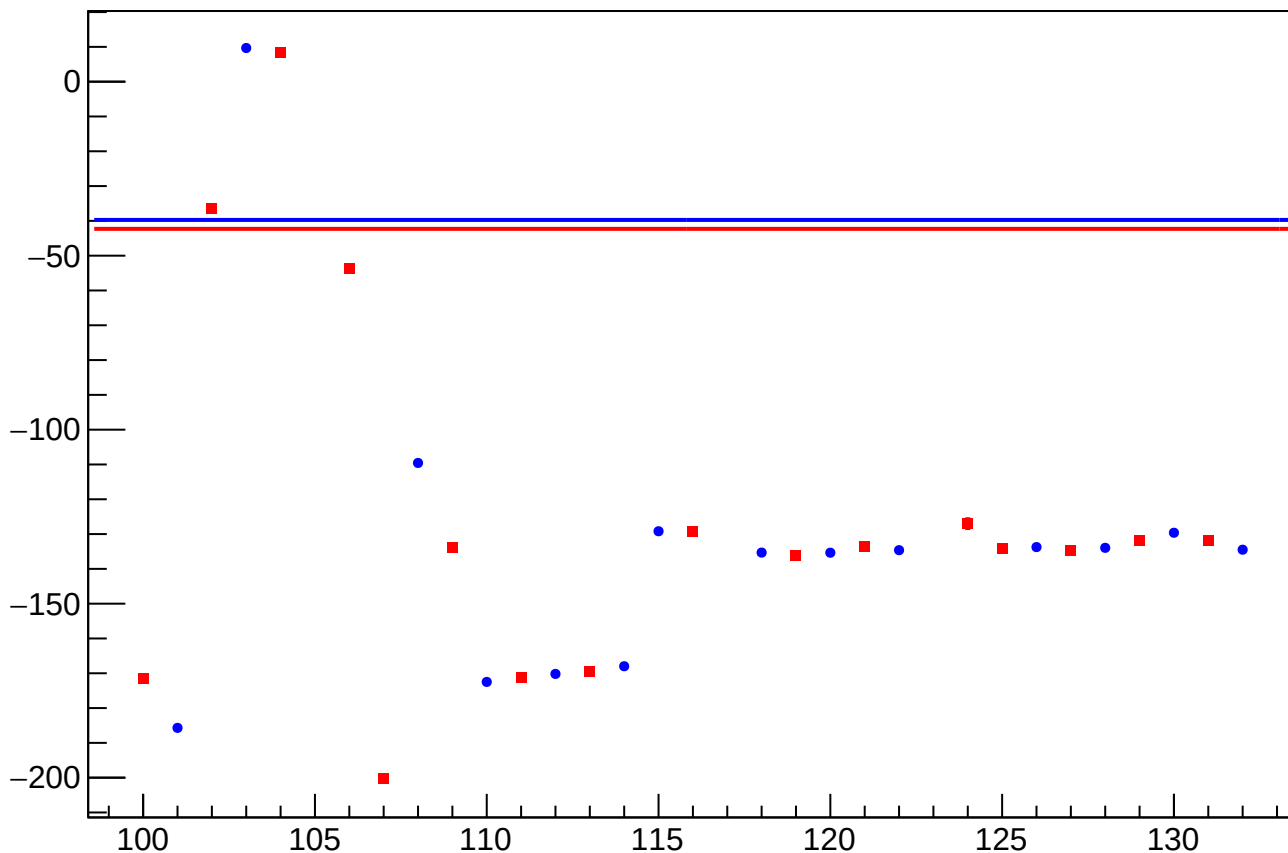
Right: 38.833+/-1.245 χ^2/NDF : 643.4/29

In: 43.961+/-1.811 χ^2/NDF : 337.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.833+/-1.245 χ^2/NDF : 643.4/29

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.726+/-0.079 χ^2/NDF : 847100.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -42.290+/-0.080 χ^2/NDF : 602305.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

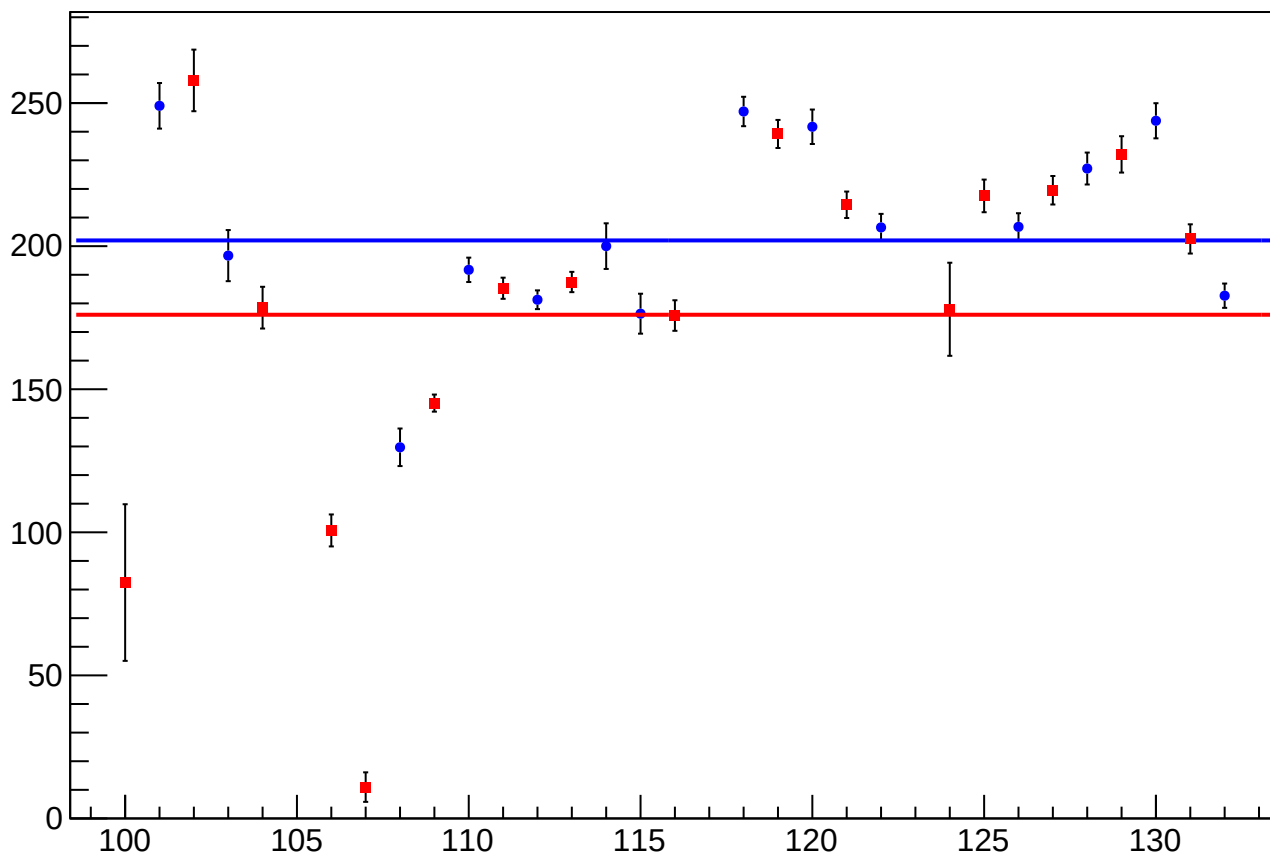
Right: -40.997+/-0.056 χ^2/NDF : 1449924.8/29

In: -39.726+/-0.079 χ^2/NDF : 847100.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.997+/-0.056 χ^2/NDF : 1449924.8/29

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 202.005 $\pm$ 1.408 χ^2 /NDF: 425.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 176.031 $\pm$ 1.265 χ^2 /NDF: 1867.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

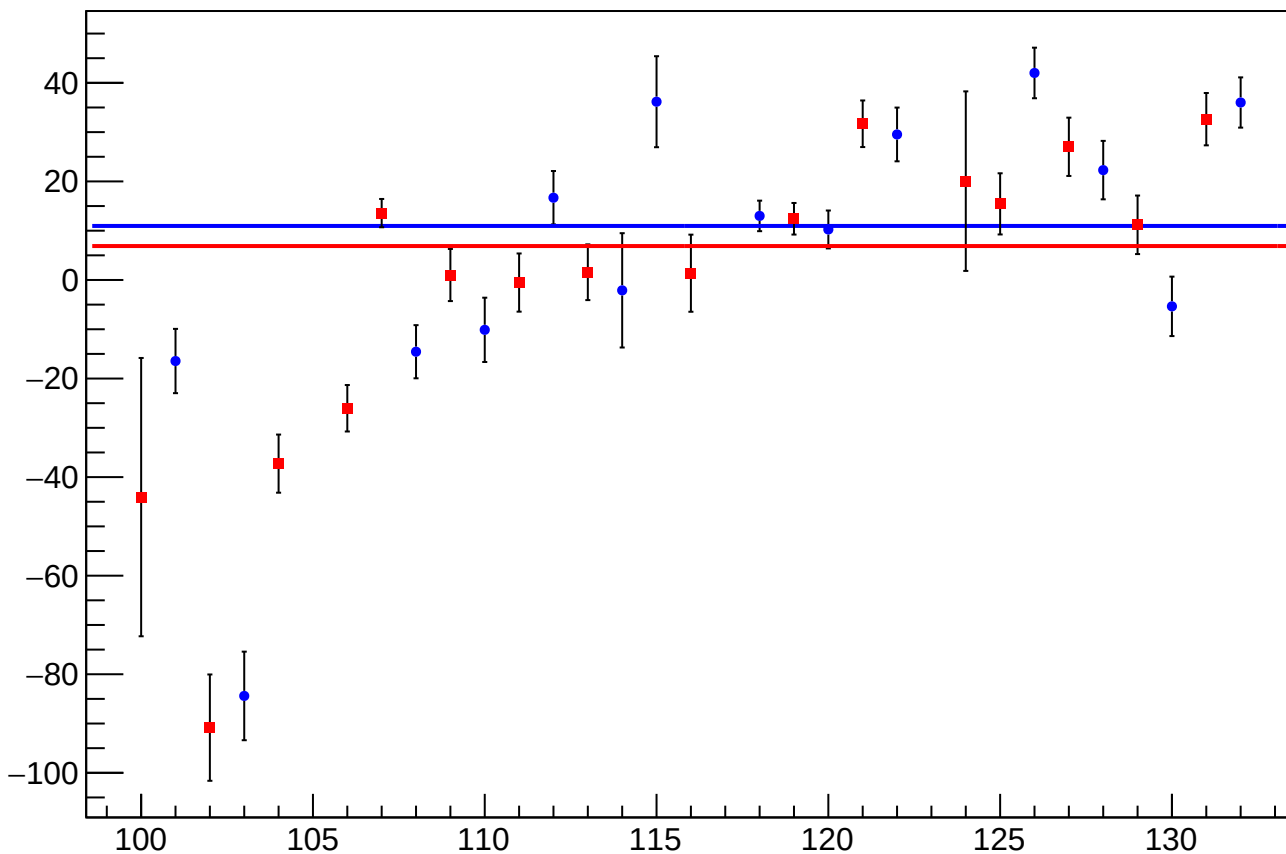
Right: 187.635 $\pm$ 0.941 χ^2 /NDF: 2481.8/29

In: 202.005 $\pm$ 1.408 χ^2 /NDF:425.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 187.635 $\pm$ 0.941 χ^2 /NDF: 2481.8/29

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.964+/-1.436 χ^2/NDF : 256.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.885+/-1.312 χ^2/NDF : 268.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

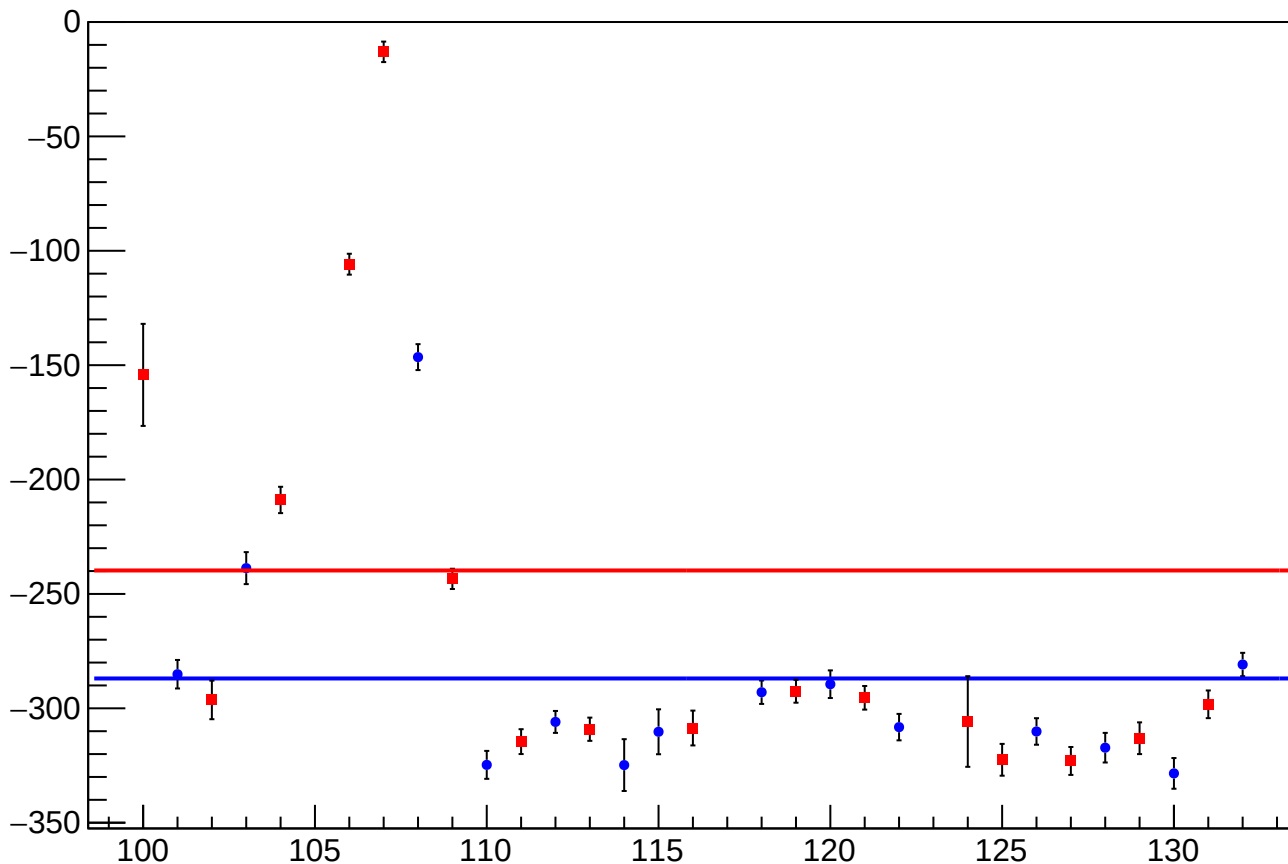
Right: 8.742+/-0.969 χ^2/NDF : 529.4/29

In: 10.964+/-1.436 χ^2/NDF : 256.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.742+/-0.969 χ^2/NDF : 529.4/29

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -286.952 ± 1.632 χ^2/NDF : 825.4/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -239.739 ± 1.473 χ^2/NDF : 4743.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

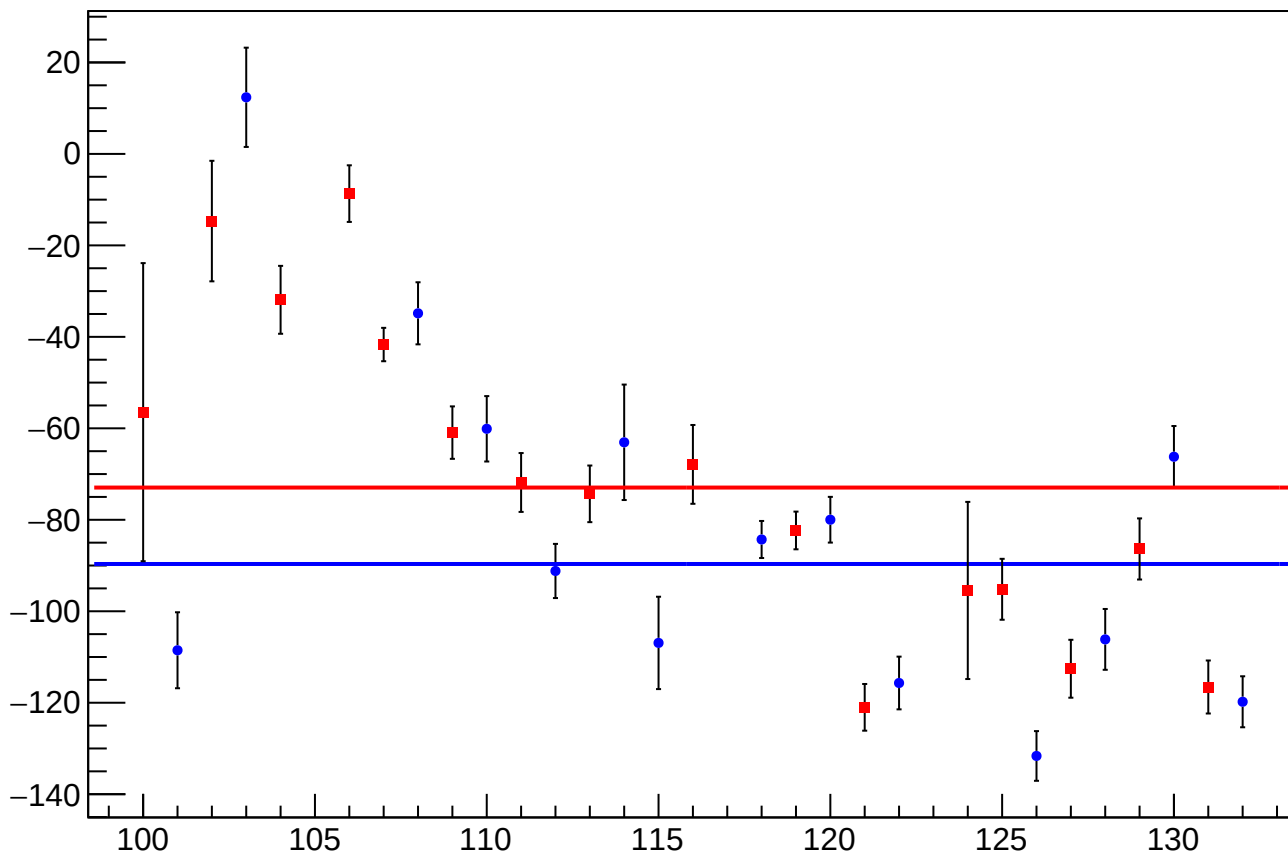
Right: -260.936 ± 1.094 χ^2/NDF : 6030.2/29

In: -286.952 ± 1.632 χ^2/NDF : 825.4/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -260.936 ± 1.094 χ^2/NDF : 6030.2/29

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -89.663 $\pm$ 1.689 χ^2 /NDF: 316.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -72.952 $\pm$ 1.543 χ^2 /NDF: 442.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

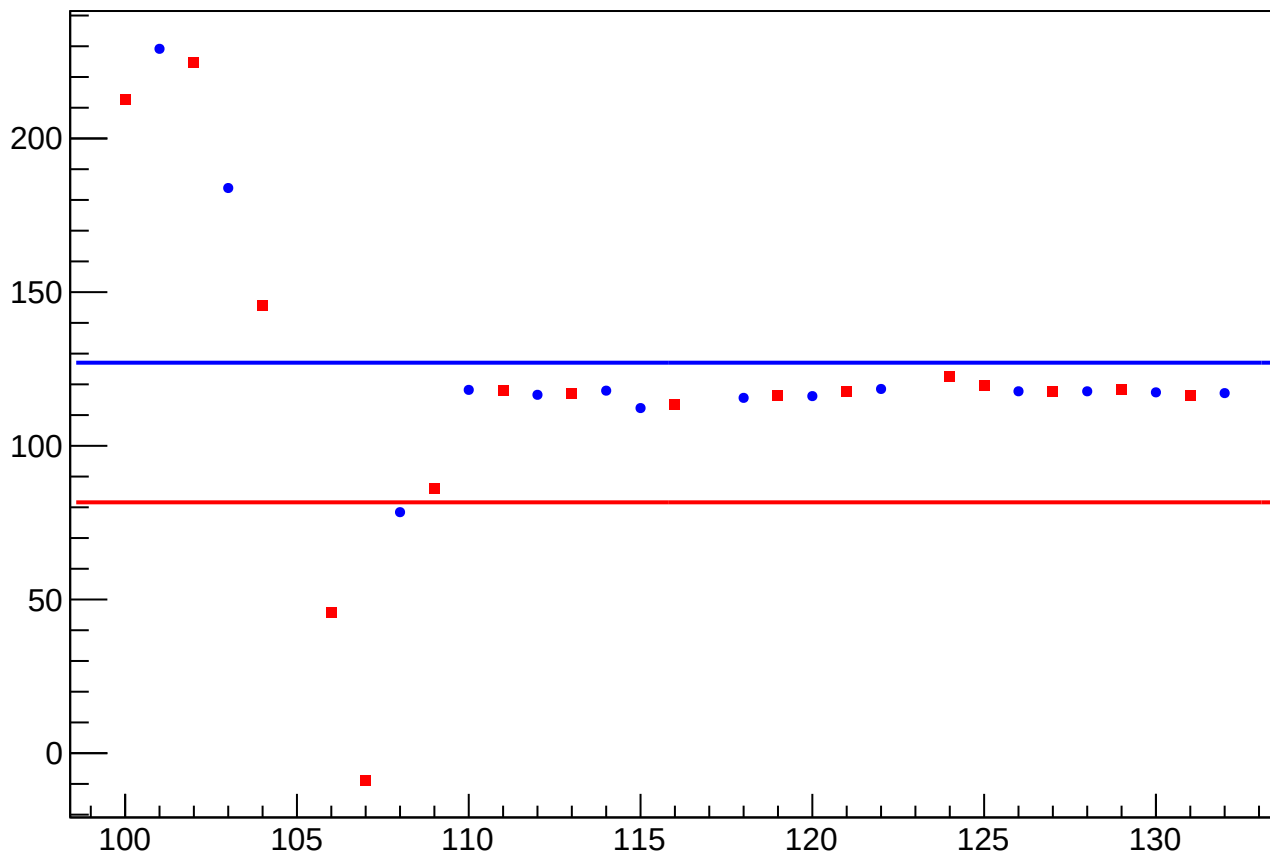
Right: -80.558 $\pm$ 1.139 χ^2 /NDF: 812.4/29

In: -89.663 $\pm$ 1.689 χ^2 /NDF:316.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -80.558 $\pm$ 1.139 χ^2 /NDF: 812.4/29

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.047+/-0.109 χ^2/NDF : 160373.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.616+/-0.090 χ^2/NDF : 542488.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

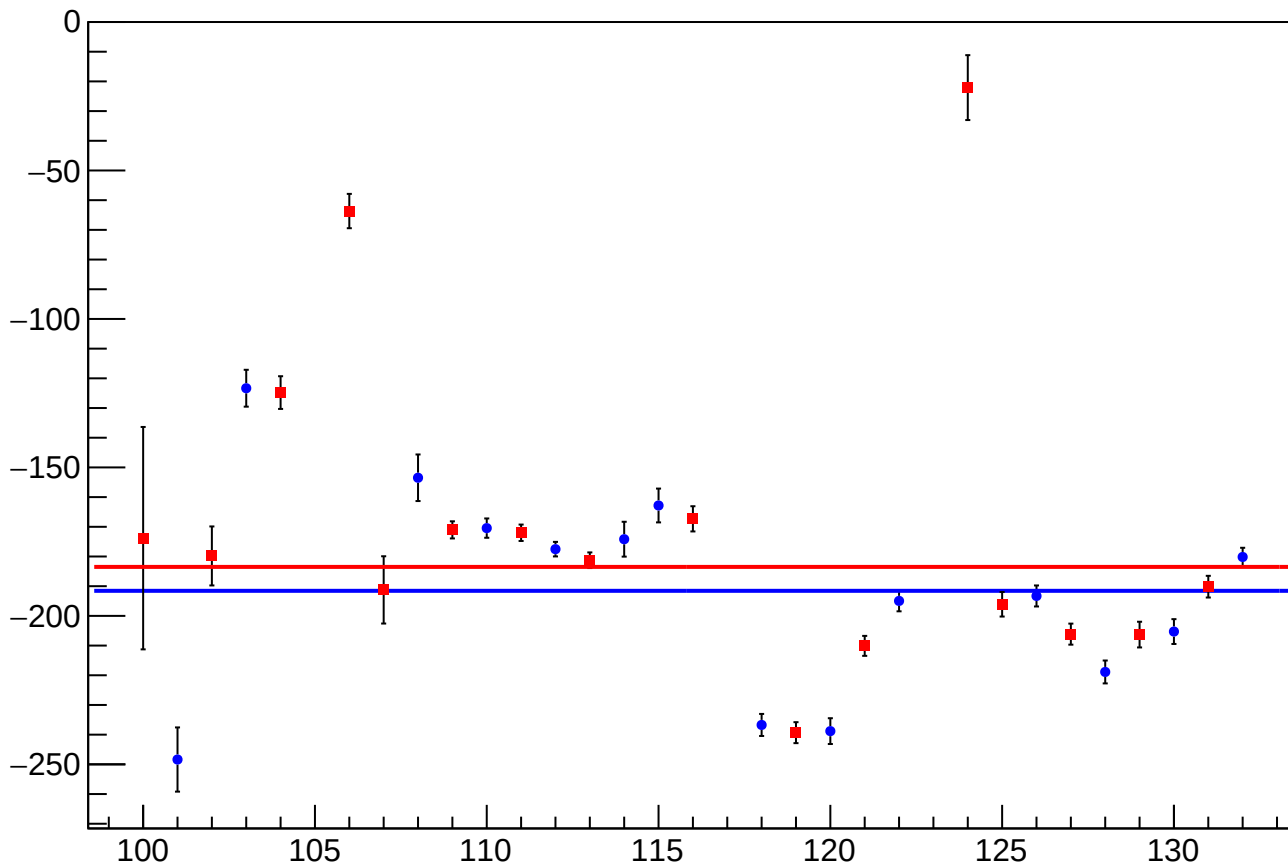
Right: 99.936+/-0.069 χ^2/NDF : 806540.9/29

In: 127.047+/-0.109 χ^2/NDF : 160373.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.936+/-0.069 χ^2/NDF : 806540.9/29

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -191.560 ± 1.061 χ^2/NDF : 623.2/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -183.504 ± 1.012 χ^2/NDF : 1207.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

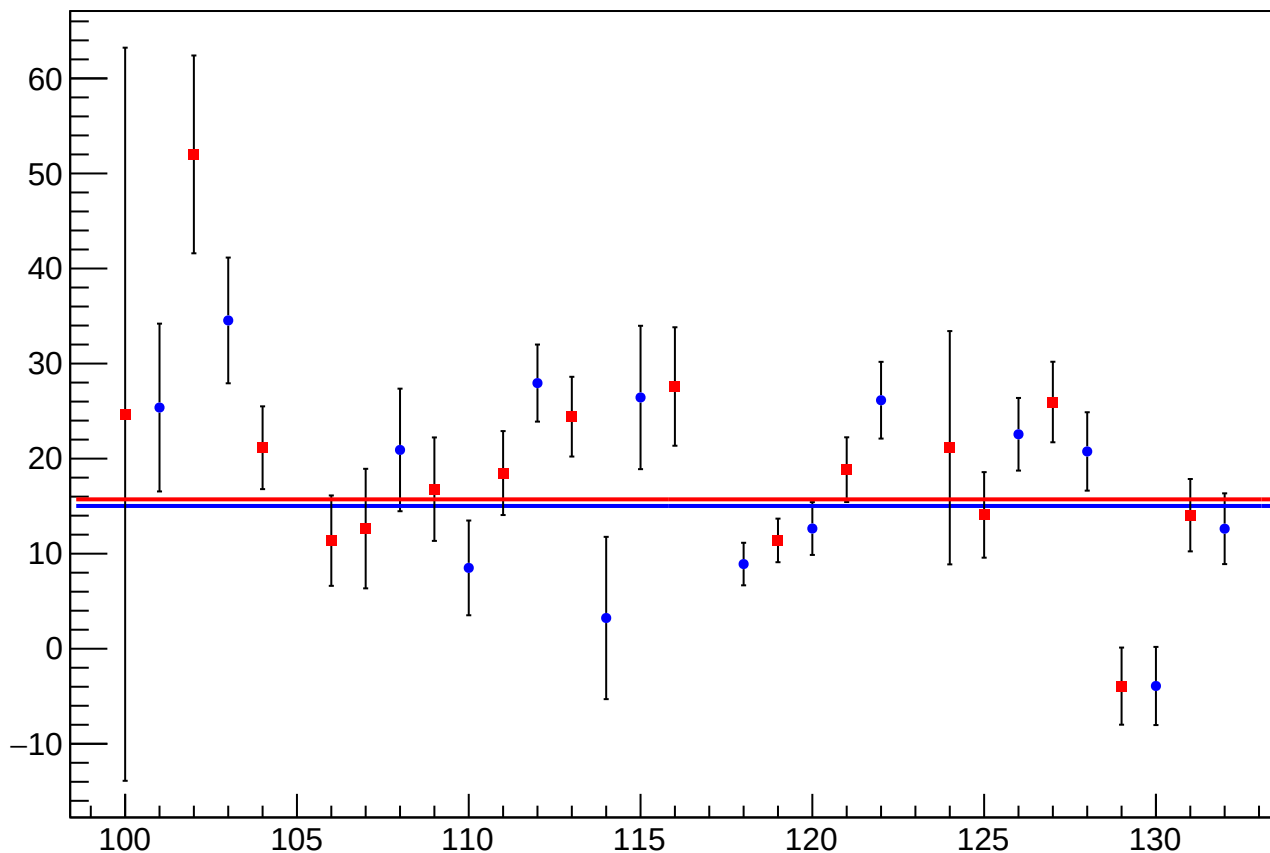
Right: -187.340 ± 0.732 χ^2/NDF : 1860.9/29

In: -191.560 ± 1.061 χ^2/NDF : 623.2/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -187.340 ± 0.732 χ^2/NDF : 1860.9/29

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.019+/-1.090 χ^2/NDF : 70.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.715+/-1.106 χ^2/NDF : 57.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

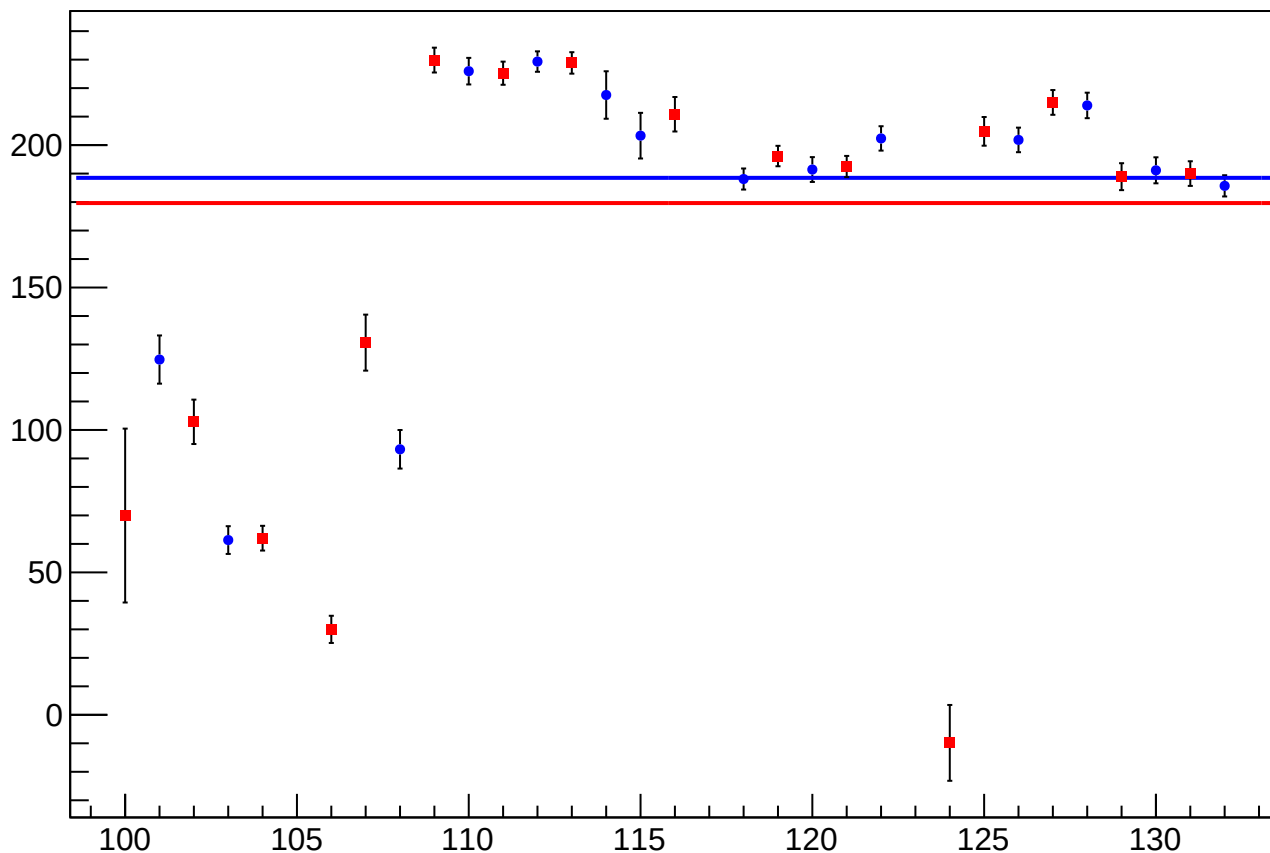
Right: 15.362+/-0.776 χ^2/NDF : 127.9/29

In: 15.019+/-1.090 χ^2/NDF : 70.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.362+/-0.776 χ^2/NDF : 127.9/29

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 188.504+/-1.254 χ^2/NDF : 1199.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 179.653+/-1.211 χ^2/NDF : 2643.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

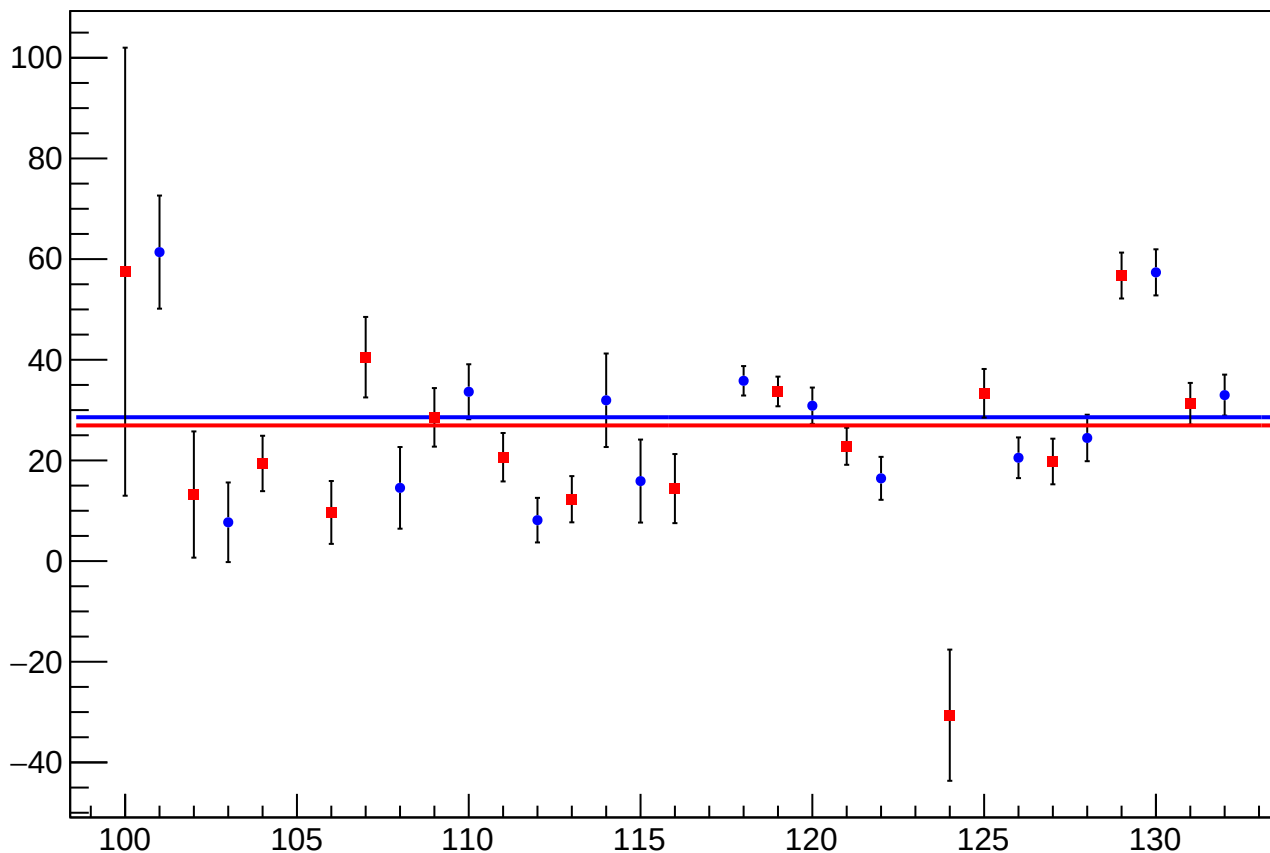
Right: 183.922+/-0.871 χ^2/NDF : 3868.9/29

In: 188.504+/-1.254 χ^2/NDF : 1199.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.922+/-0.871 χ^2/NDF : 3868.9/29

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.582 $\pm$ 1.276 χ^2 /NDF: 103.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 26.956 $\pm$ 1.275 χ^2 /NDF: 103.4/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

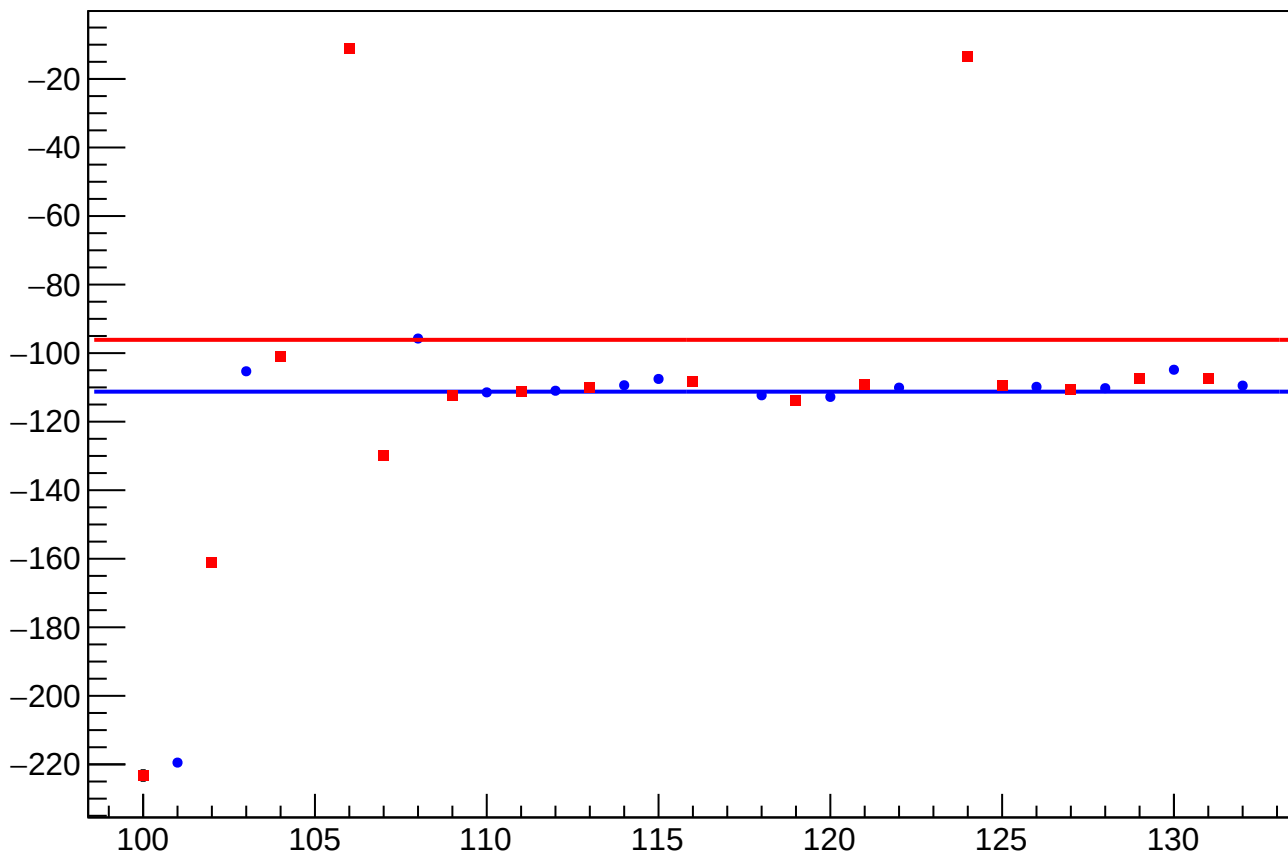
Right: 27.769 $\pm$ 0.902 χ^2 /NDF: 207.4/29

In: 28.582 $\pm$ 1.276 χ^2 /NDF: 103.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.769 $\pm$ 0.902 χ^2 /NDF: 207.4/29

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -111.244+/-0.088 χ^2/NDF : 50795.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -96.123+/-0.081 χ^2/NDF : 258441.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

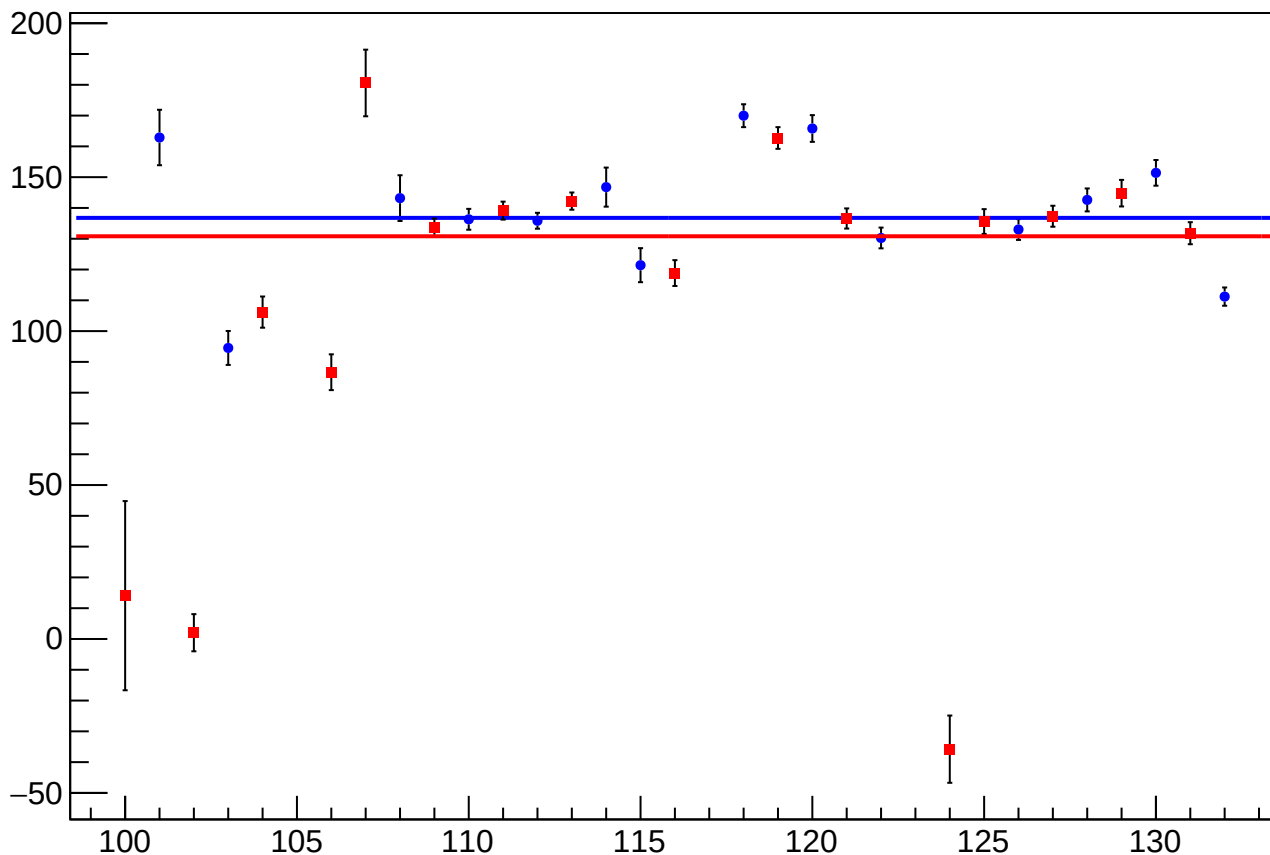
Right: -103.038+/-0.060 χ^2/NDF : 325228.2/29

In: -111.244+/-0.088 χ^2/NDF : 50795.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -103.038+/-0.060 χ^2/NDF : 325228.2/29

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 136.779+/-1.053 χ^2/NDF : 296.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.801+/-1.005 χ^2/NDF : 940.1/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

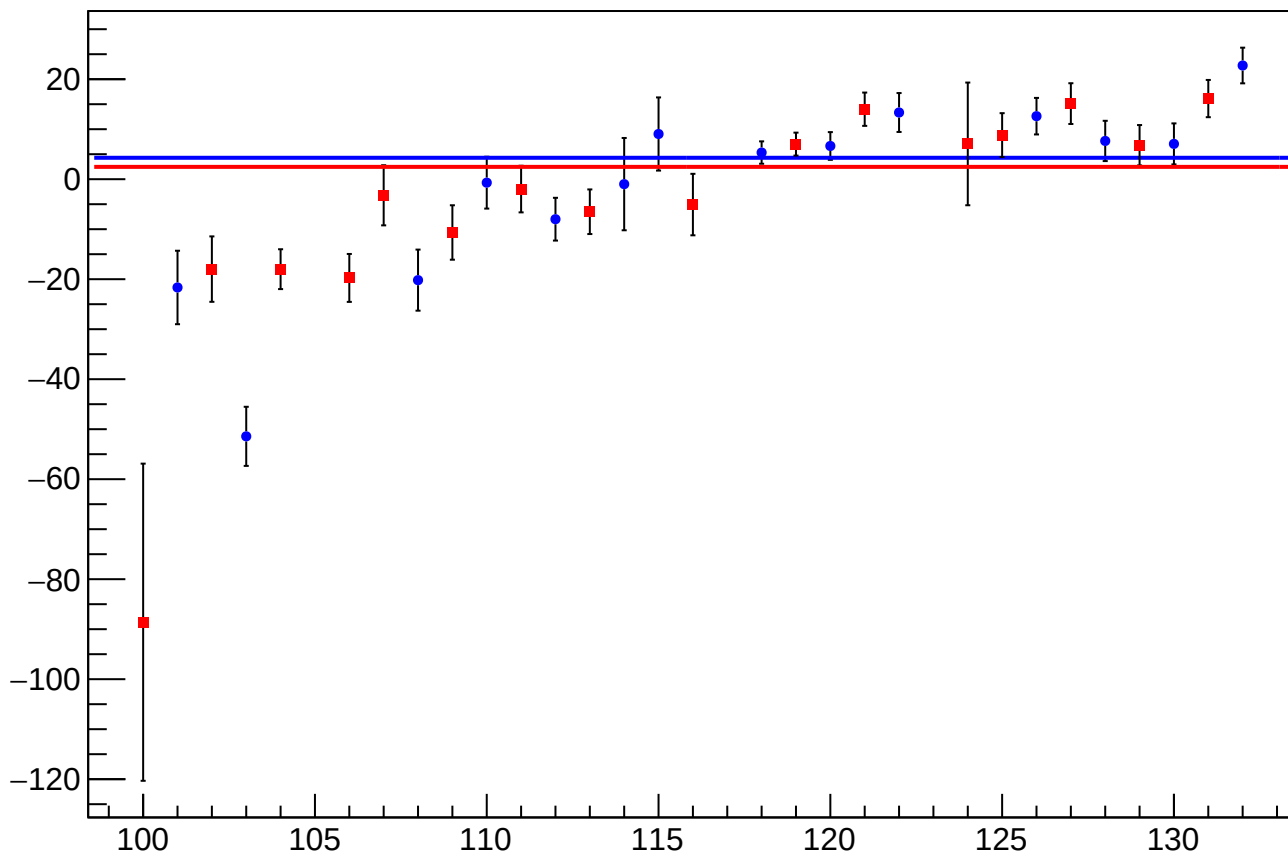
Right: 133.650+/-0.727 χ^2/NDF : 1253.8/29

In: 136.779+/-1.053 χ^2/NDF : 296.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.650+/-0.727 χ^2/NDF : 1253.8/29

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.285+/-1.074 χ^2/NDF : 166.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.466+/-1.086 χ^2/NDF : 121.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

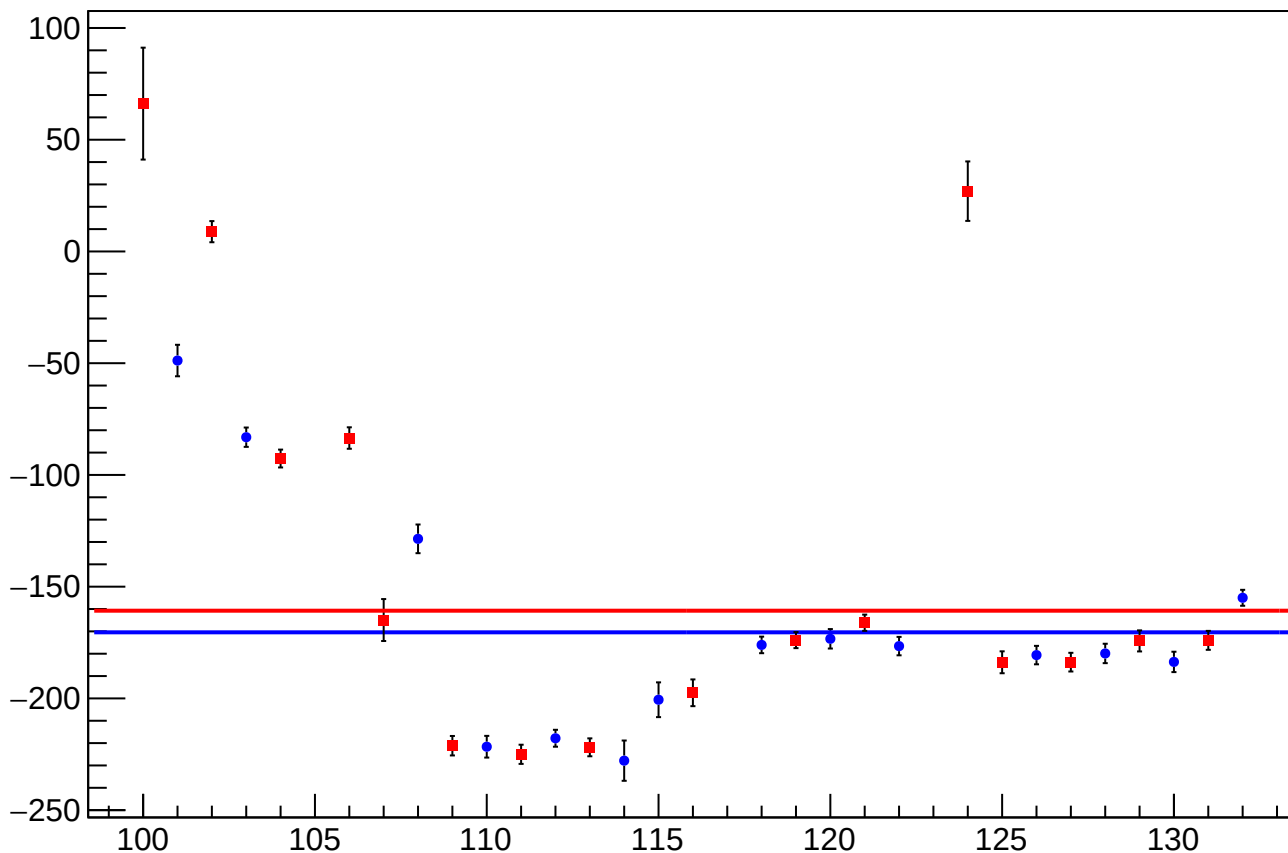
Right: 3.386+/-0.764 χ^2/NDF : 289.6/29

In: 4.285+/-1.074 χ^2/NDF : 166.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.386+/-0.764 χ^2/NDF : 289.6/29

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -170.429 ± 1.229 χ^2/NDF : 1114.5/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -160.751 ± 1.179 χ^2/NDF : 2889.9/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

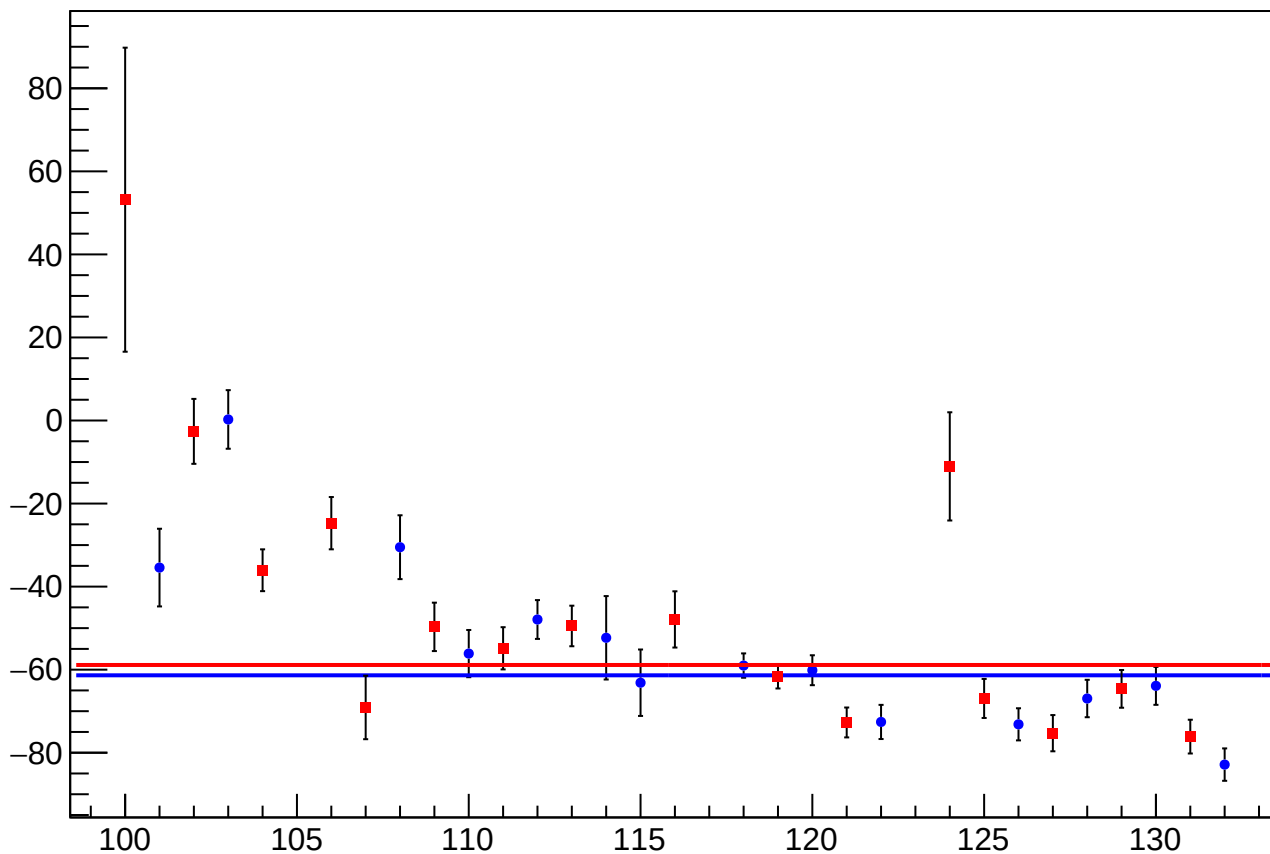
Right: -165.389 ± 0.851 χ^2/NDF : 4036.7/29

In: -170.429 ± 1.229 χ^2/NDF : 1114.5/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -165.389 ± 0.851 χ^2/NDF : 4036.7/29

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -61.360 ± 1.257 χ^2/NDF : 159.8/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -58.872 ± 1.254 χ^2/NDF : 188.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

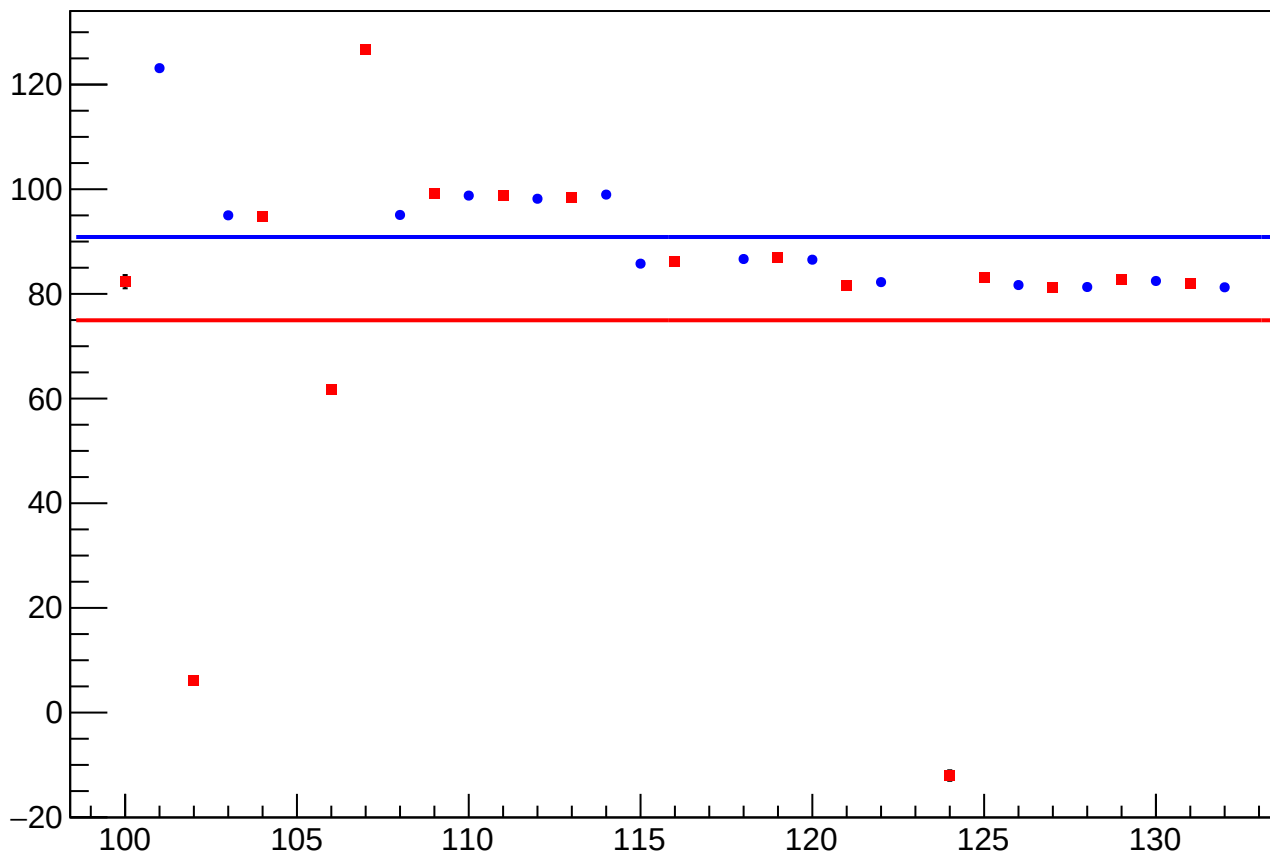
Right: -60.114 ± 0.888 χ^2/NDF : 349.9/29

In: -61.360 ± 1.257 χ^2/NDF : 159.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -60.114 ± 0.888 χ^2/NDF : 349.9/29

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 90.870+/-0.085 χ^2/NDF : 12148.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.958+/-0.076 χ^2/NDF : 177968.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

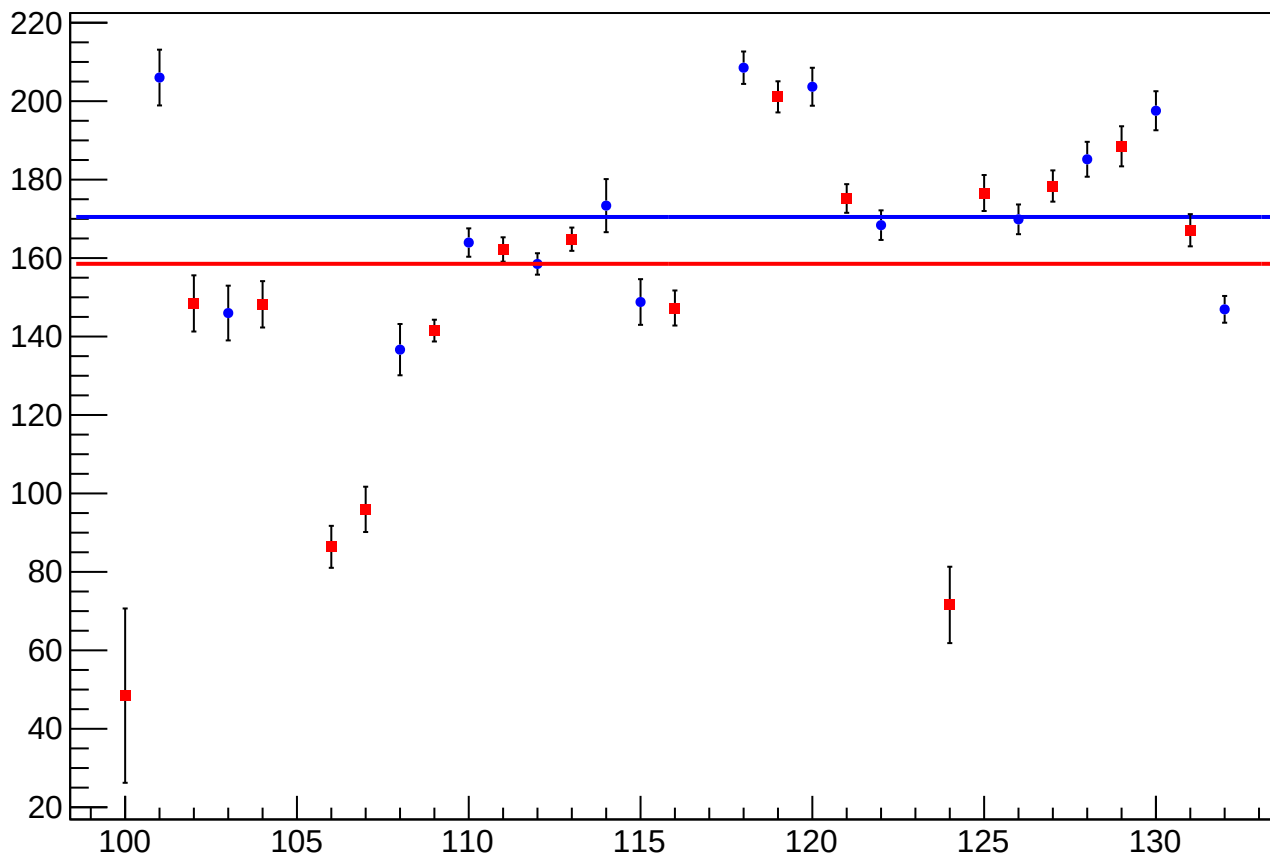
Right: 82.062+/-0.057 χ^2/NDF : 209690.0/29

In: 90.870+/-0.085 χ^2/NDF : 12148.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.062+/-0.057 χ^2/NDF : 209690.0/29

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 170.478 ± 1.160 χ^2/NDF : 321.0/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 158.538 ± 1.072 χ^2/NDF : 673.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

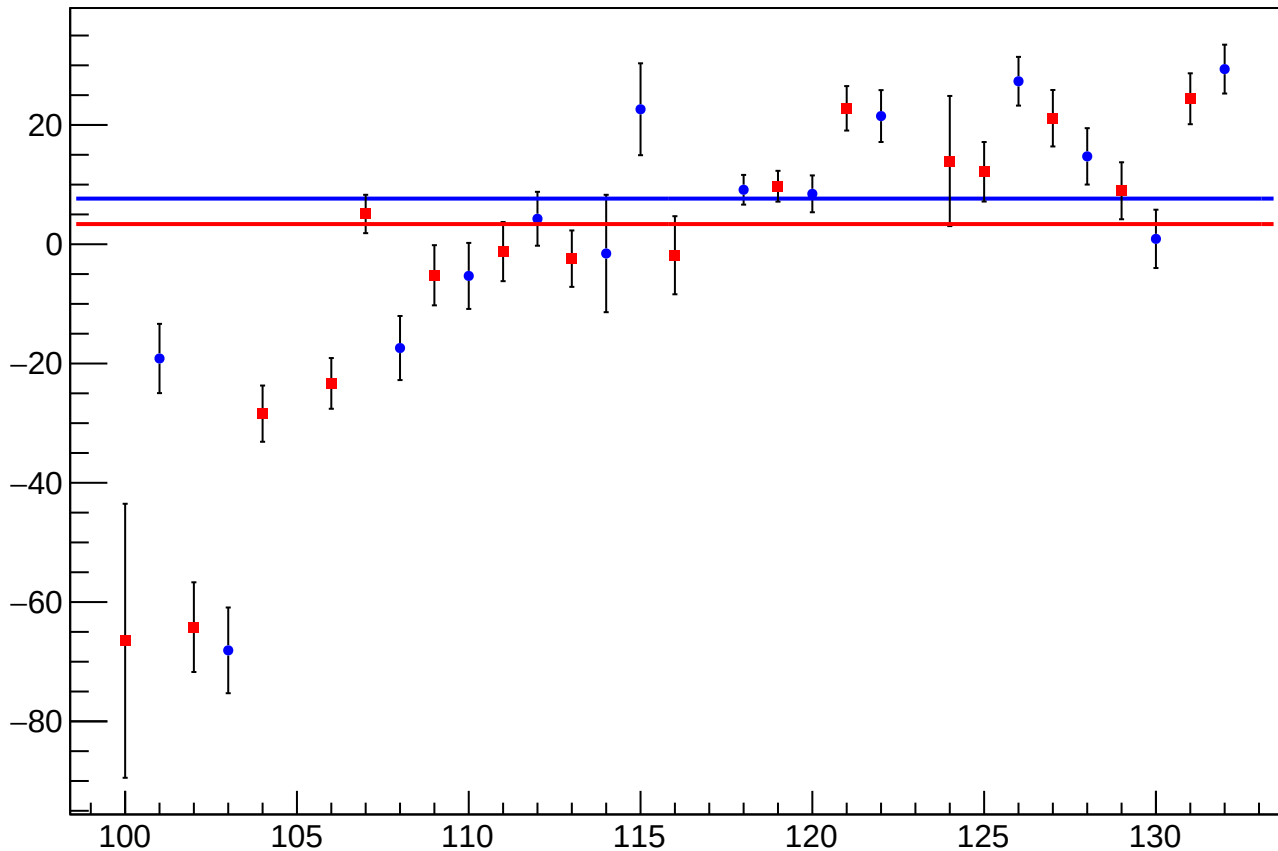
Right: 164.040 ± 0.787 χ^2/NDF : 1051.6/29

In: 170.478 ± 1.160 χ^2/NDF : 321.0/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 164.040 ± 0.787 χ^2/NDF : 1051.6/29

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.654+/-1.181 χ^2/NDF : 230.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.383+/-1.134 χ^2/NDF : 258.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

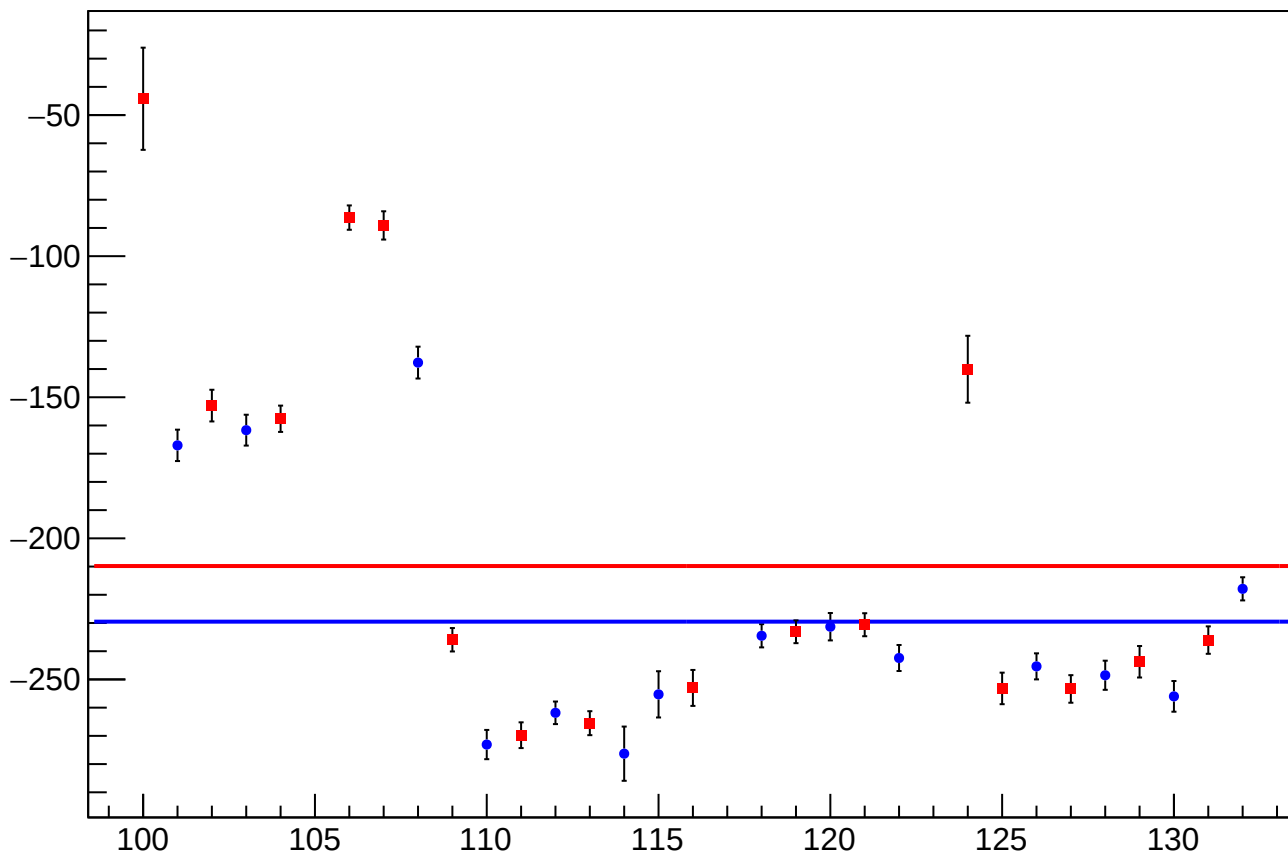
Right: 5.432+/-0.818 χ^2/NDF : 495.6/29

In: 7.654+/-1.181 χ^2/NDF : 230.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.432+/-0.818 χ^2/NDF : 495.6/29

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -229.523+/-1.350 χ^2/NDF : 780.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -209.814+/-1.252 χ^2/NDF : 2441.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

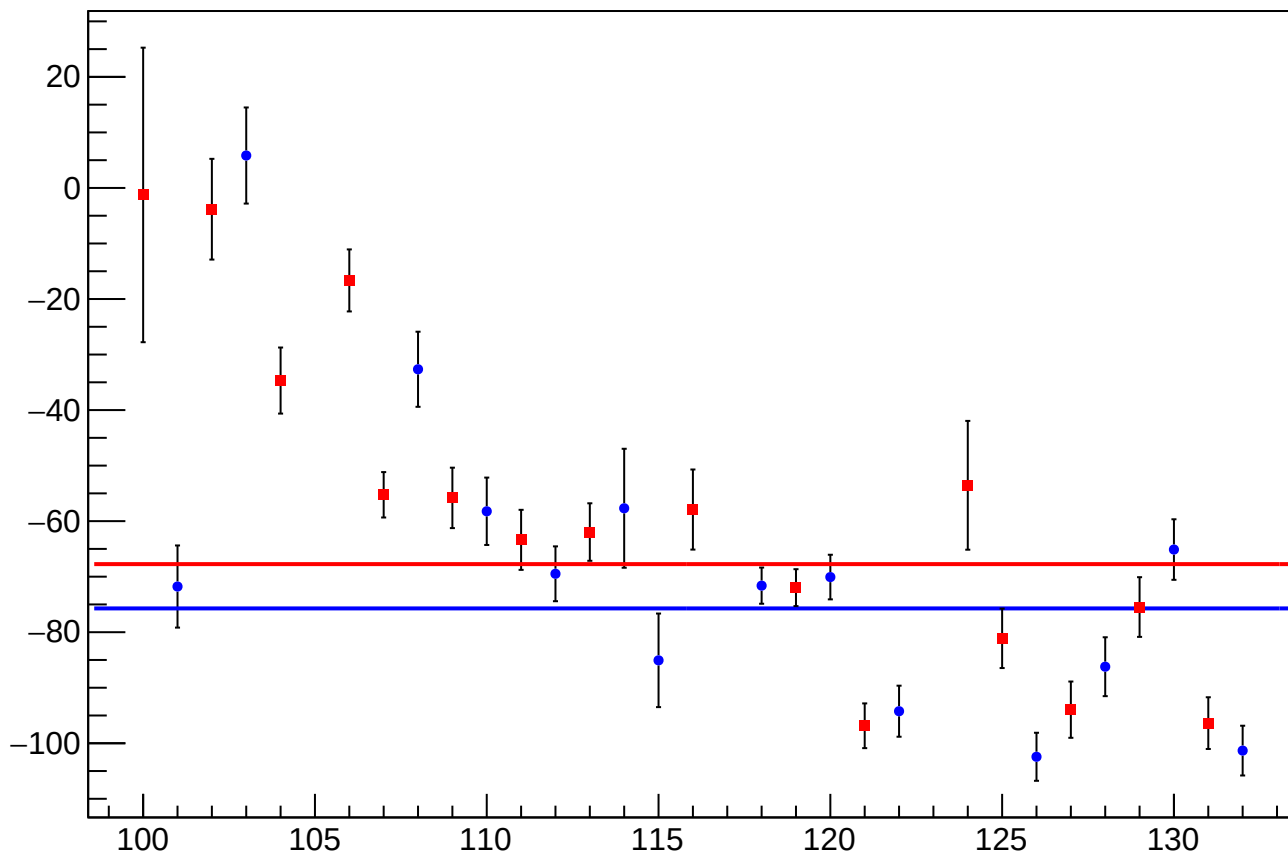
Right: -218.930+/-0.918 χ^2/NDF : 3336.2/29

In: -229.523+/-1.350 χ^2/NDF : 780.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -218.930+/-0.918 χ^2/NDF : 3336.2/29

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -75.718+/-1.386 χ^2/NDF : 241.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -67.739+/-1.322 χ^2/NDF : 316.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

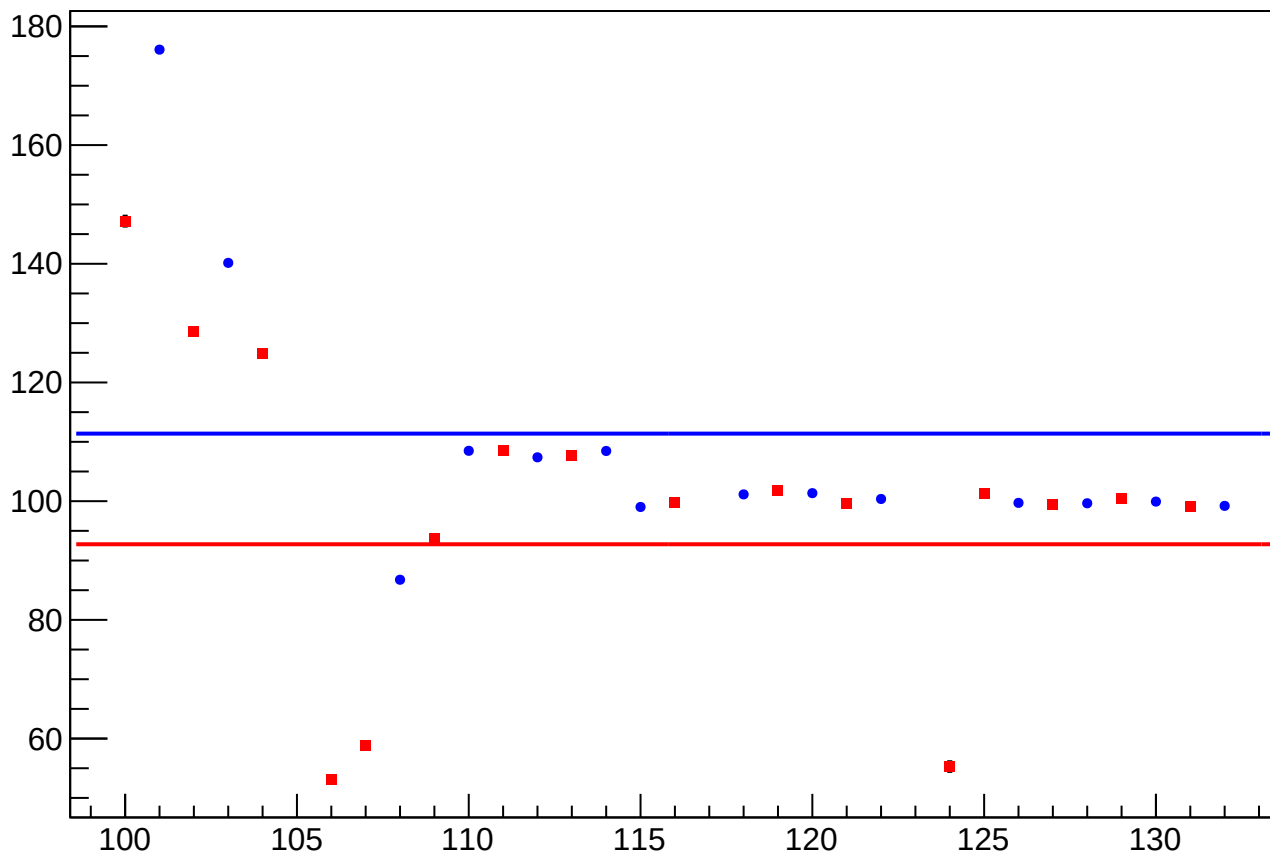
Right: -71.539+/-0.957 χ^2/NDF : 575.9/29

In: -75.718+/-1.386 χ^2/NDF : 241.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -71.539+/-0.957 χ^2/NDF : 575.9/29

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 111.384+/-0.092 χ^2/NDF : 71924.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.741+/-0.078 χ^2/NDF : 123380.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

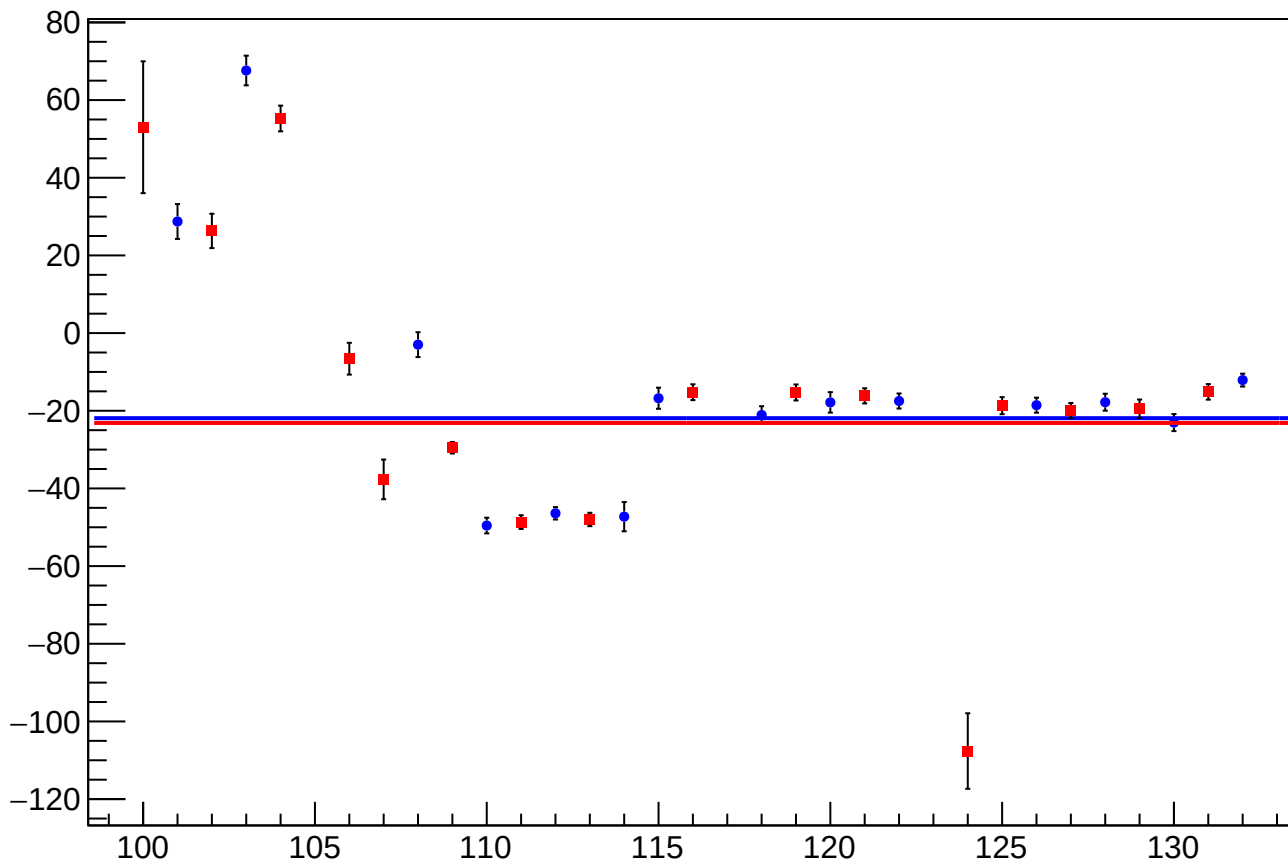
Right: 100.536+/-0.060 χ^2/NDF : 219129.0/29

In: 111.384+/-0.092 χ^2/NDF : 71924.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.536+/-0.060 χ^2/NDF : 219129.0/29

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -21.908 $\pm$ 0.607 χ^2 /NDF: 1233.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -23.140 $\pm$ 0.577 χ^2 /NDF: 1310.2/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

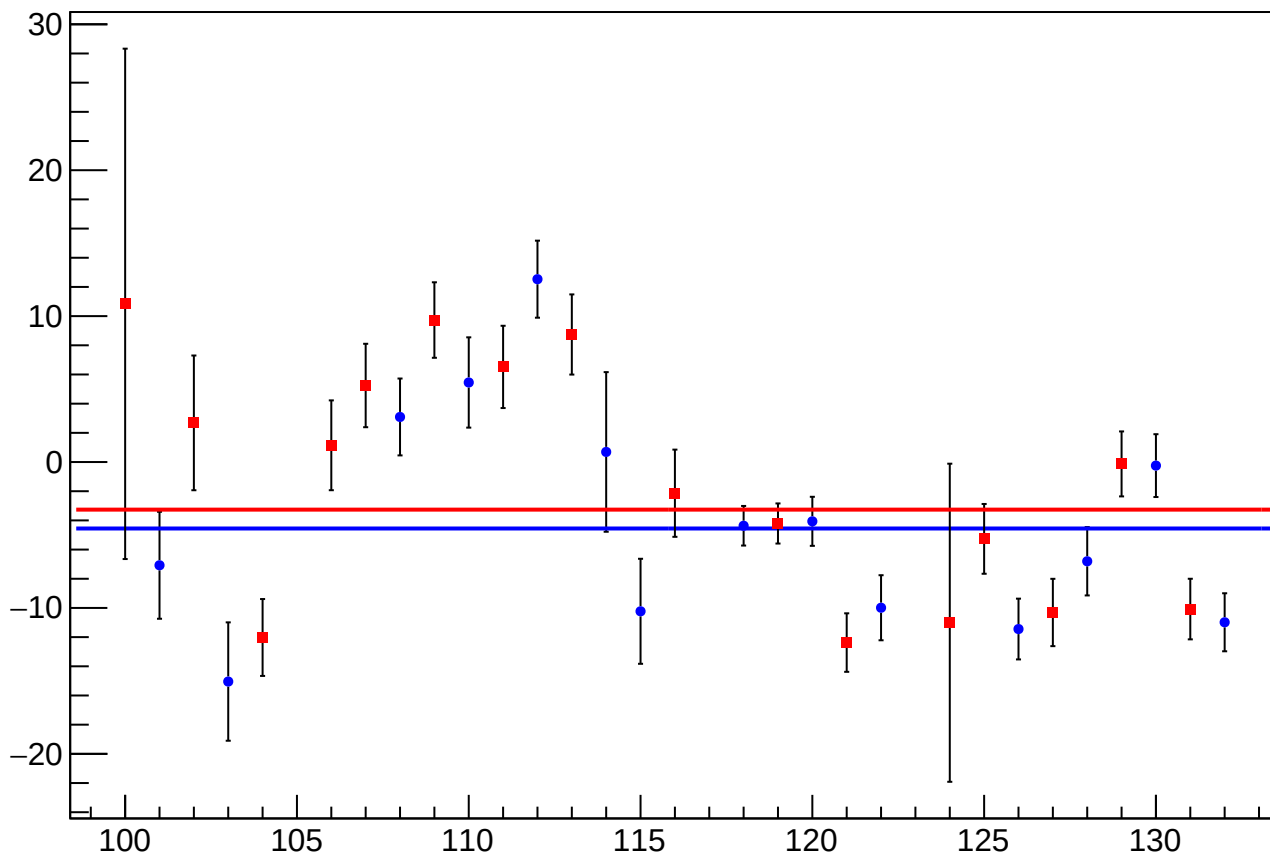
Right: -22.555 $\pm$ 0.418 χ^2 /NDF: 2545.7/29

In: -21.908 $\pm$ 0.607 χ^2 /NDF:1233.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -22.555 $\pm$ 0.418 χ^2 /NDF: 2545.7/29

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.555+/-0.618 χ^2/NDF : 103.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.262+/-0.629 χ^2/NDF : 125.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

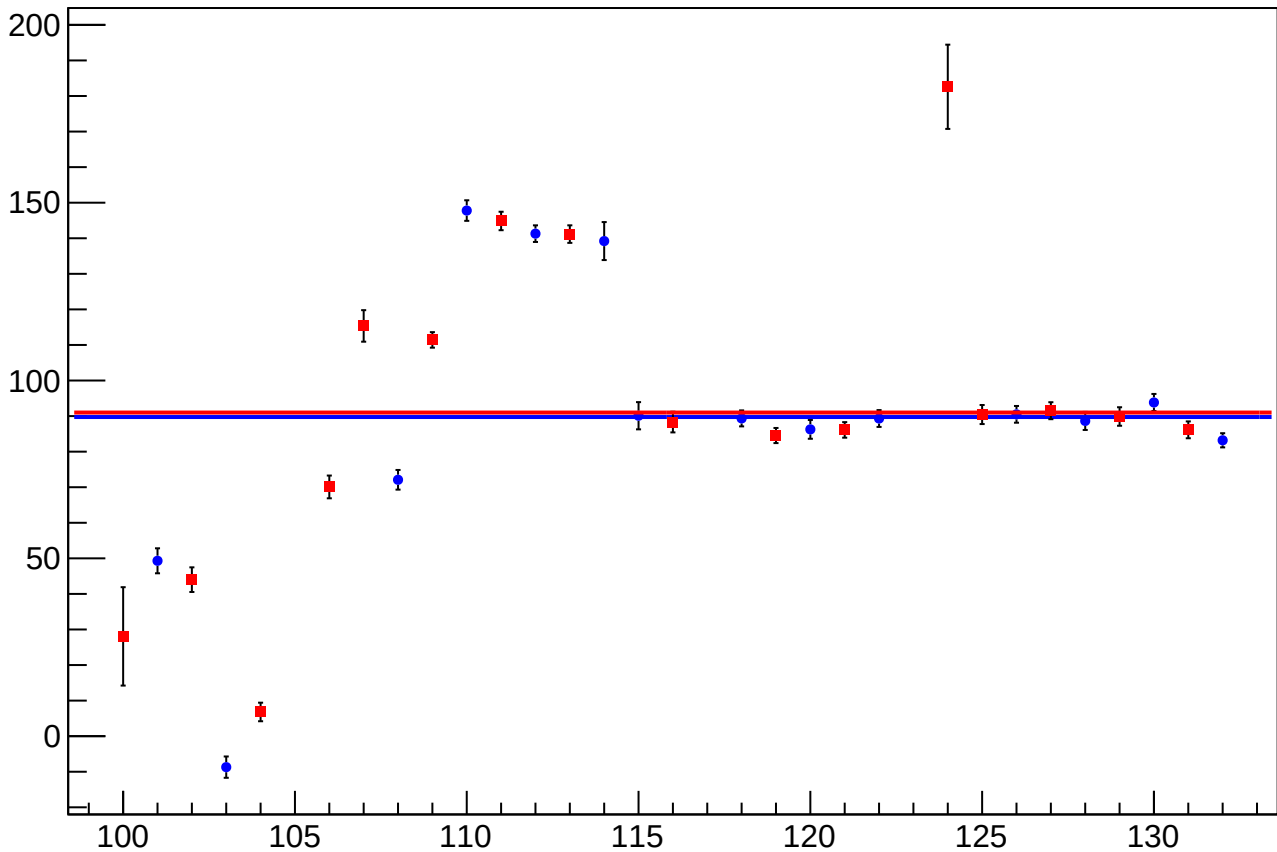
Right: -3.920+/-0.441 χ^2/NDF : 231.0/29

In: -4.555+/-0.618 χ^2/NDF : 103.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.920+/-0.441 χ^2/NDF : 231.0/29

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 89.736+/-0.705 χ^2/NDF : 2244.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 90.995+/-0.689 χ^2/NDF : 2329.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

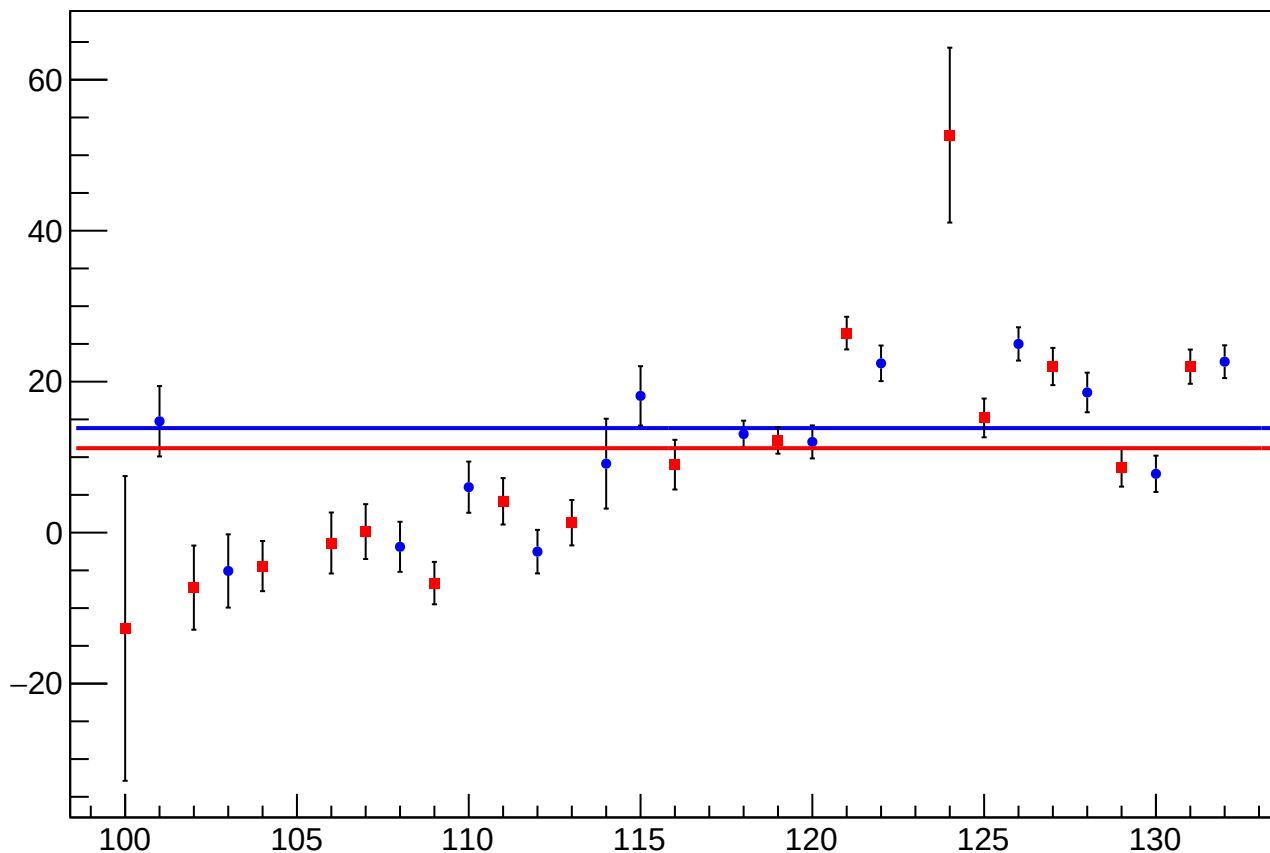
Right: 90.380+/-0.493 χ^2/NDF : 4575.6/29

In: 89.736+/-0.705 χ^2/NDF :2244.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 90.380+/-0.493 χ^2/NDF : 4575.6/29

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.849 $\pm$ 0.721 χ^2 /NDF: 142.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.189 $\pm$ 0.724 χ^2 /NDF: 218.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

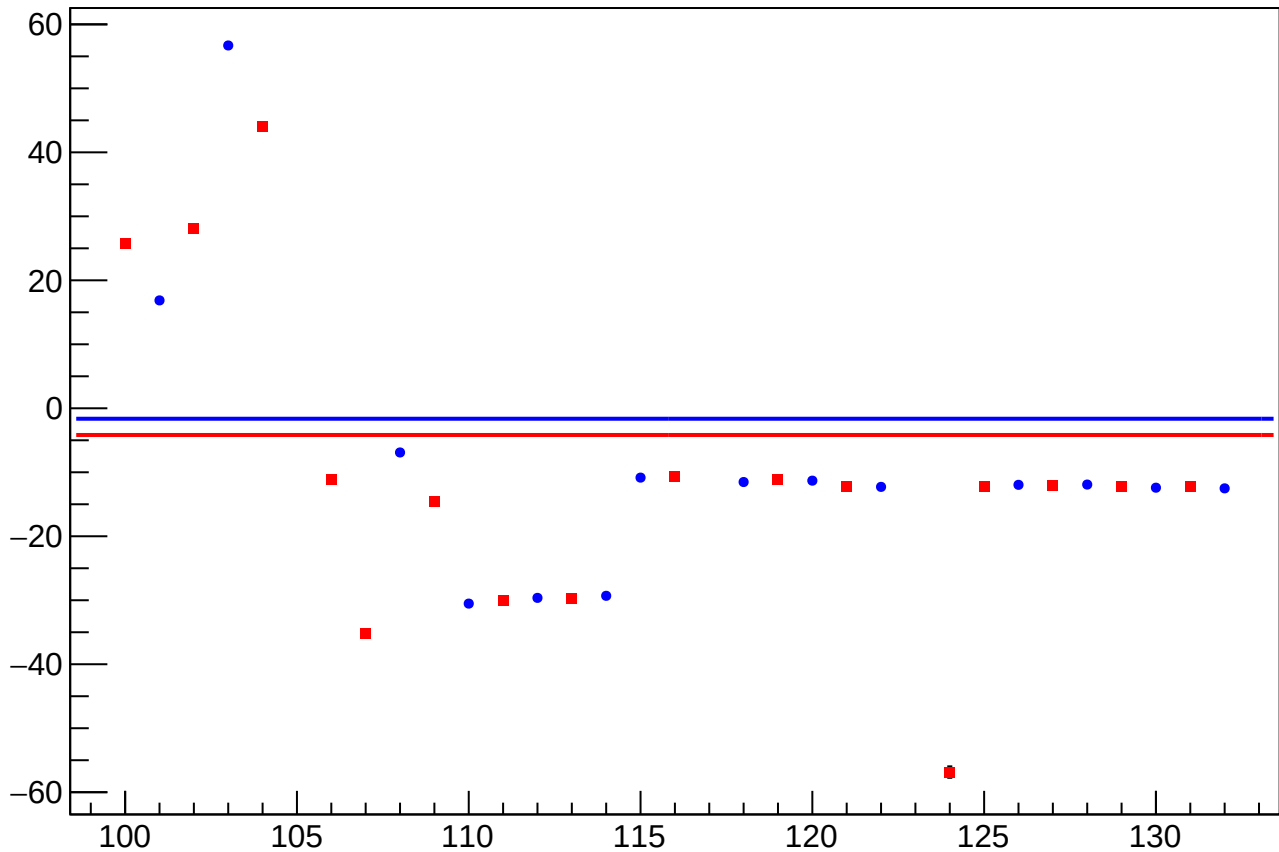
Right: 12.523 $\pm$ 0.511 χ^2 /NDF: 368.2/29

In: 13.849 $\pm$ 0.721 χ^2 /NDF:142.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 12.523 $\pm$ 0.511 χ^2 /NDF: 368.2/29

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.633+/-0.048 χ^2/NDF : 290197.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.171+/-0.047 χ^2/NDF : 279230.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

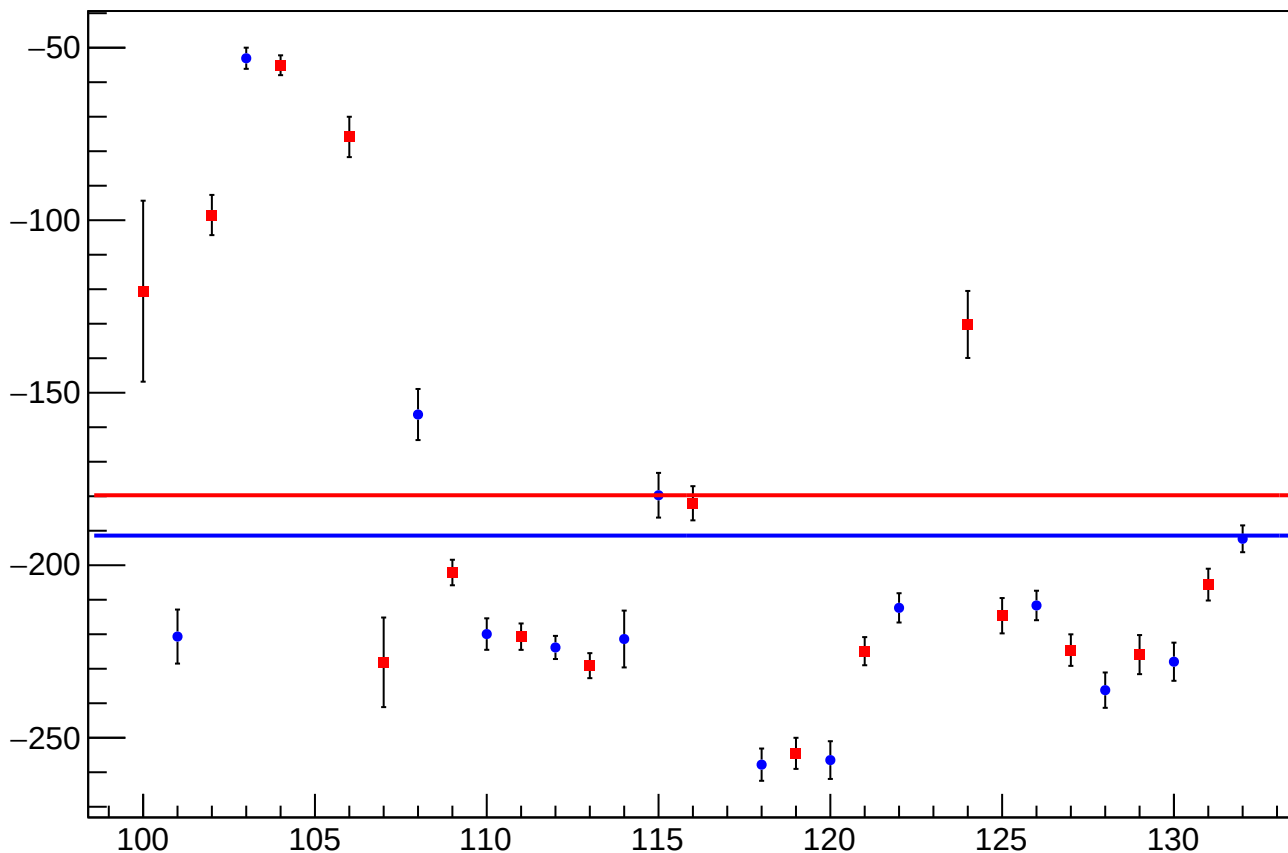
Right: -2.947+/-0.033 χ^2/NDF : 570863.1/29

In: -1.633+/-0.048 χ^2/NDF : 290197.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.947+/-0.033 χ^2/NDF : 570863.1/29

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -191.404+/-1.247 χ^2 /NDF: 2730.4/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -179.716+/-1.171 χ^2 /NDF: 3409.5/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

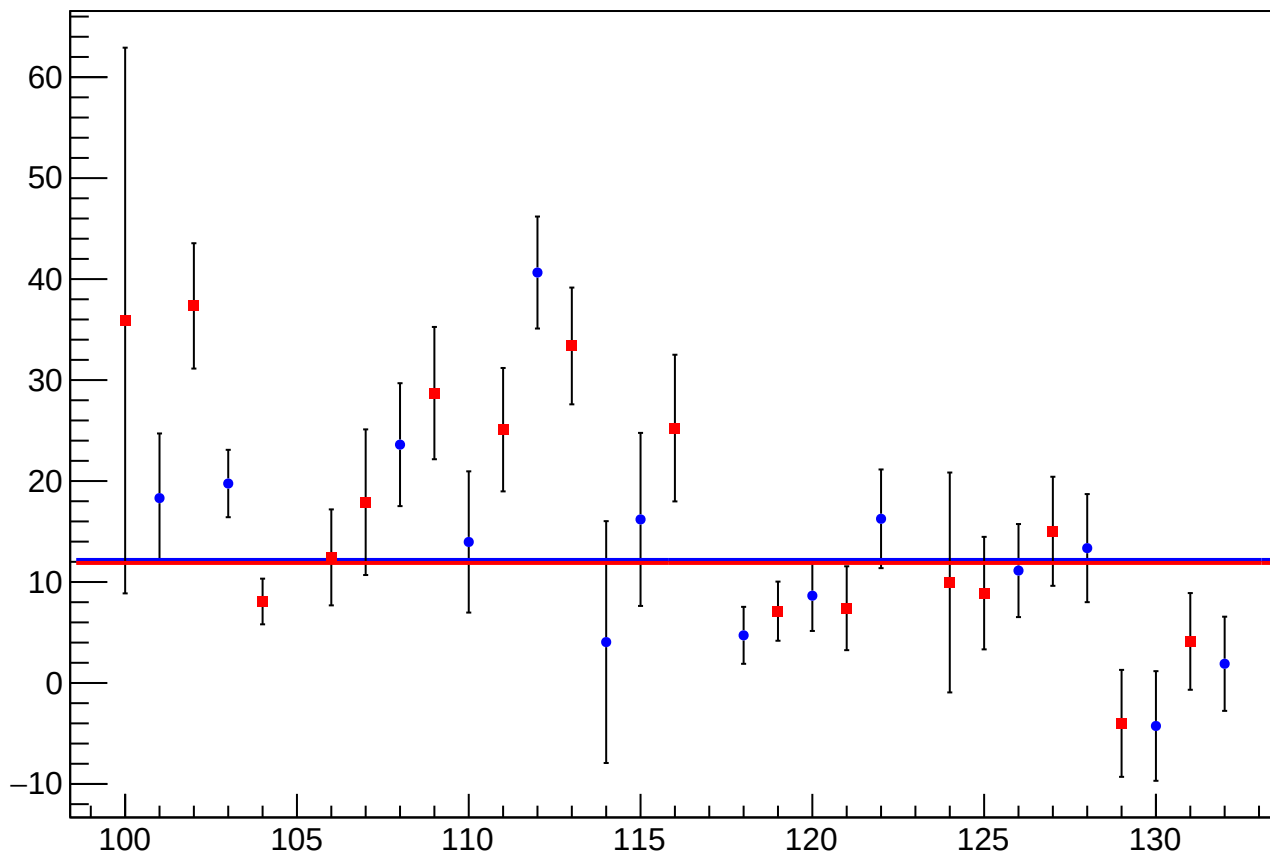
Right: -185.191+/-0.854 χ^2 /NDF: 6186.5/29

In: -191.404+/-1.247 χ^2 /NDF:2730.4/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -185.191+/-0.854 χ^2 /NDF: 6186.5/29

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.185+/-1.264 χ^2/NDF : 59.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.890+/-1.183 χ^2/NDF : 65.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

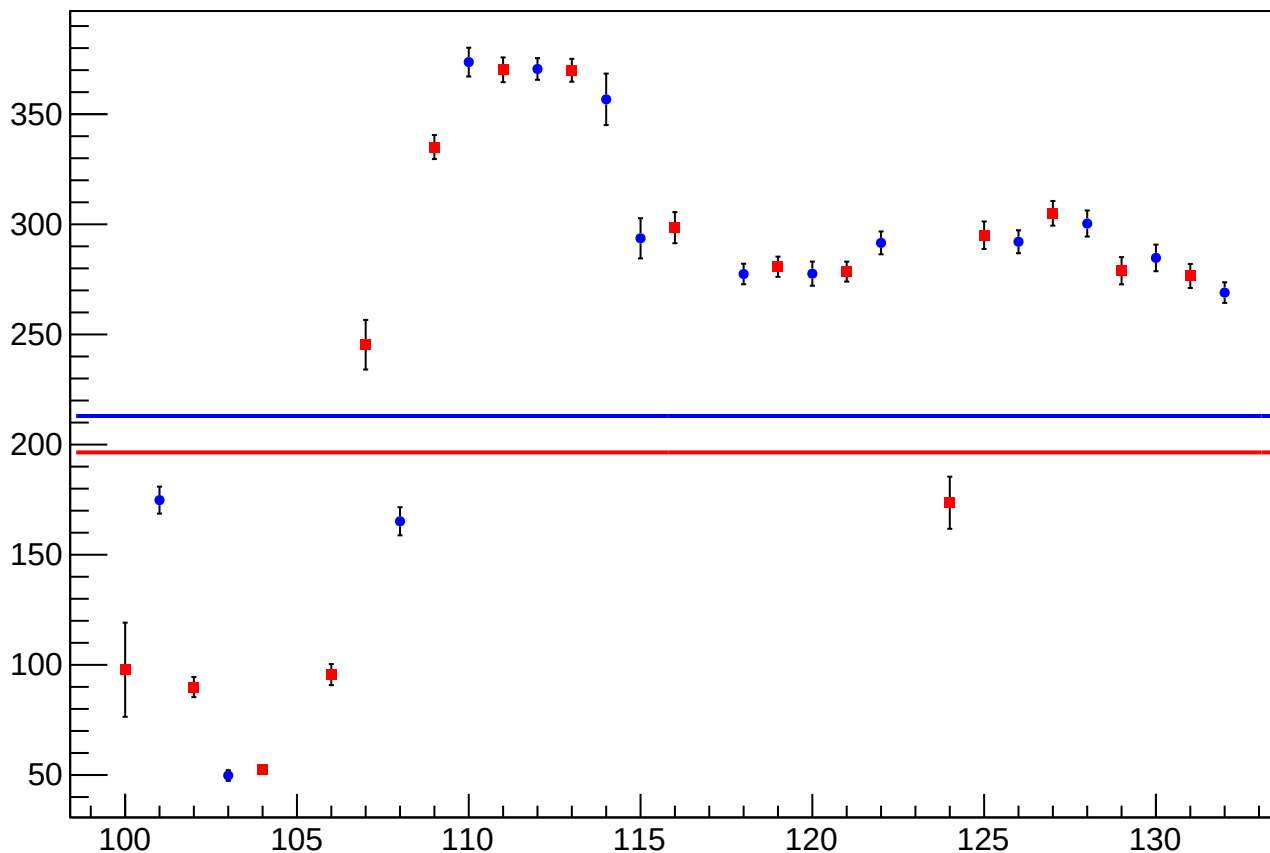
Right: 12.028+/-0.864 χ^2/NDF : 125.3/29

In: 12.185+/-1.264 χ^2/NDF : 59.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.028+/-0.864 χ^2/NDF : 125.3/29

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 212.987+/-1.333 χ^2/NDF : 7838.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 196.449+/-1.251 χ^2/NDF : 9663.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

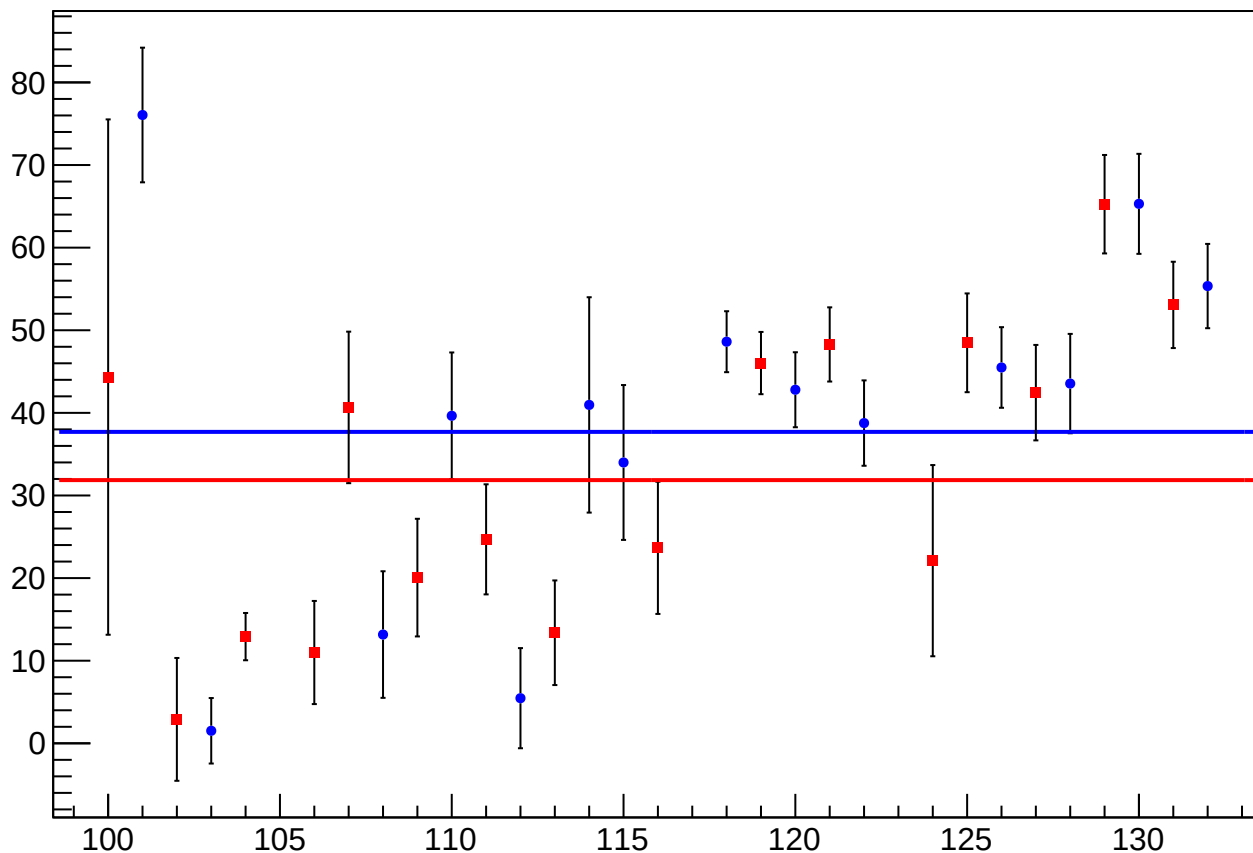
Right: 204.193+/-0.912 χ^2/NDF : 17583.3/29

In: 212.987+/-1.333 χ^2/NDF : 7838.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 204.193+/-0.912 χ^2/NDF : 17583.3/29

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 37.699+/-1.487 χ^2/NDF : 190.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.861+/-1.398 χ^2/NDF : 171.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

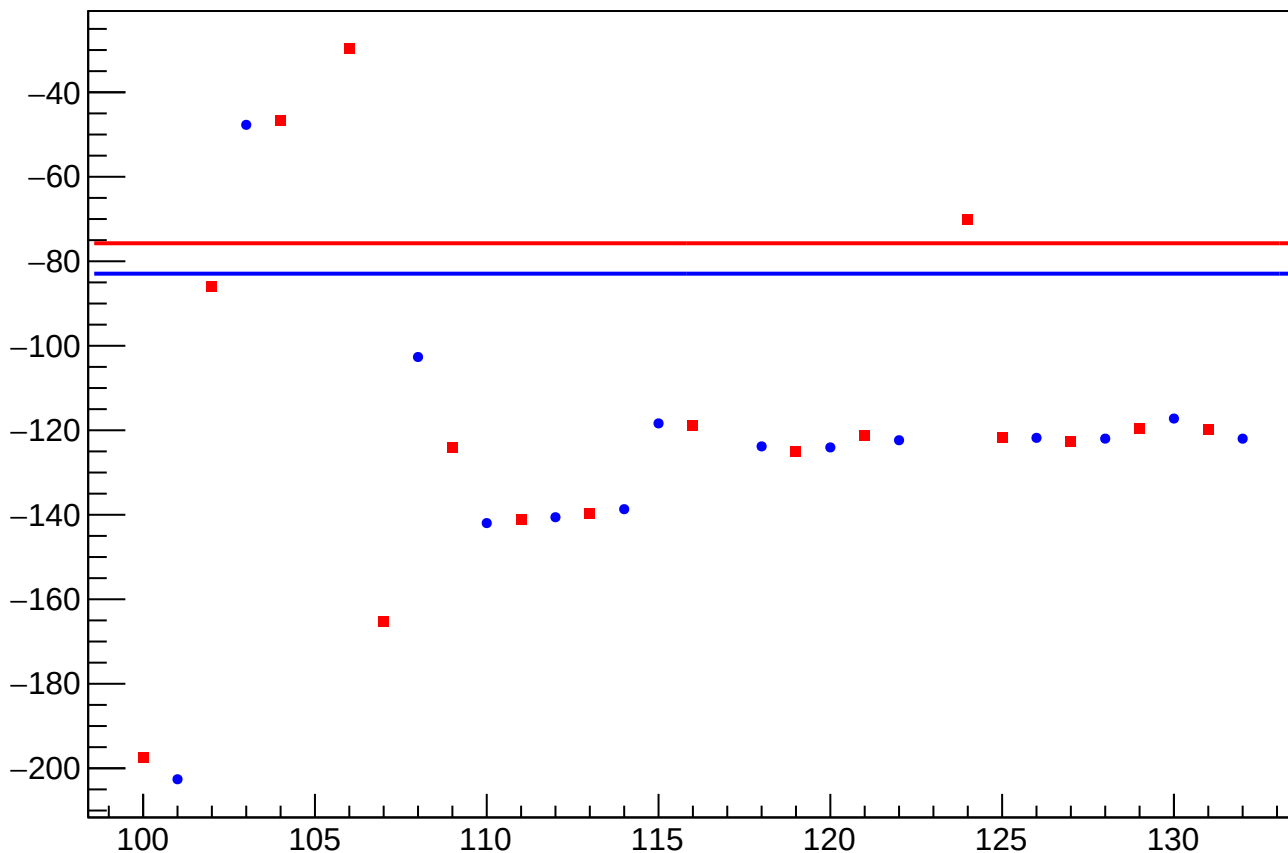
Right: 34.599+/-1.019 χ^2/NDF : 370.7/29

In: 37.699+/-1.487 χ^2/NDF : 190.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.599+/-1.019 χ^2/NDF : 370.7/29

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -82.933+/-0.076 χ^2/NDF : 339420.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -75.737+/-0.071 χ^2/NDF : 316278.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

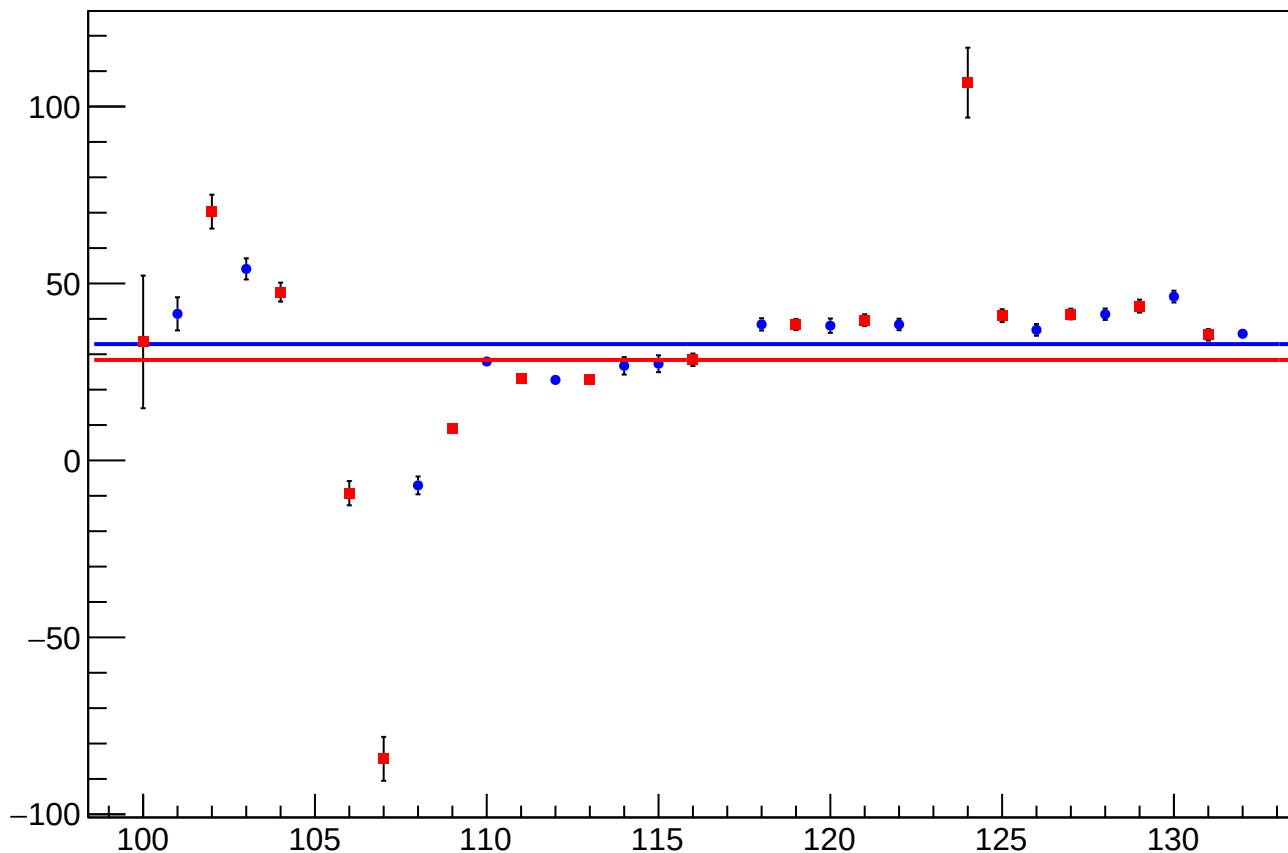
Right: -79.126+/-0.052 χ^2/NDF : 660496.0/29

In: -82.933+/-0.076 χ^2/NDF : 339420.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -79.126+/-0.052 χ^2/NDF : 660496.0/29

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 32.872 $\pm$ 0.462 χ^2 /NDF: 545.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 28.392 $\pm$ 0.443 χ^2 /NDF: 1301.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

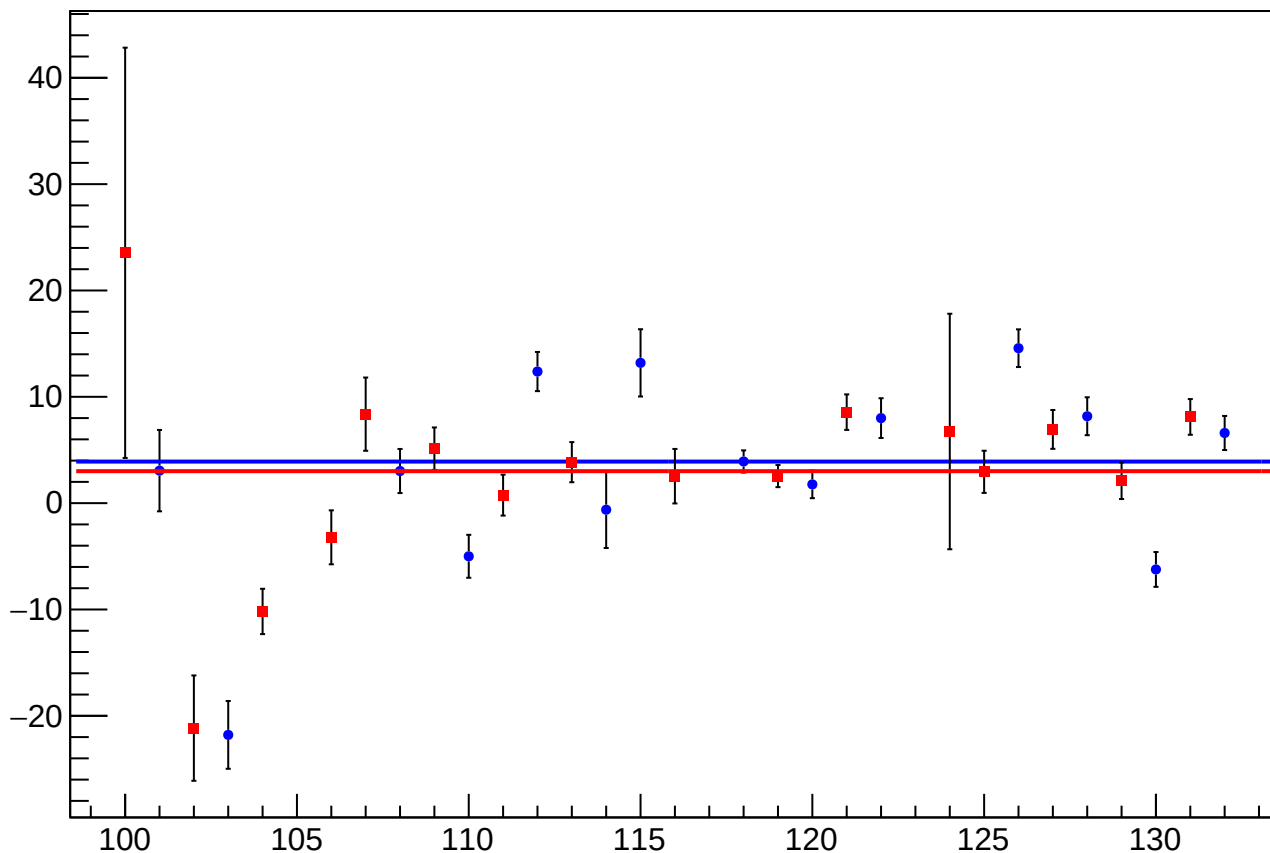
Right: 30.536 $\pm$ 0.320 χ^2 /NDF: 1895.5/29

In: 32.872 $\pm$ 0.462 χ^2 /NDF: 545.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.536 $\pm$ 0.320 χ^2 /NDF: 1895.5/29

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.910+/-0.482 χ^2/NDF : 206.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.008+/-0.500 χ^2/NDF : 100.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

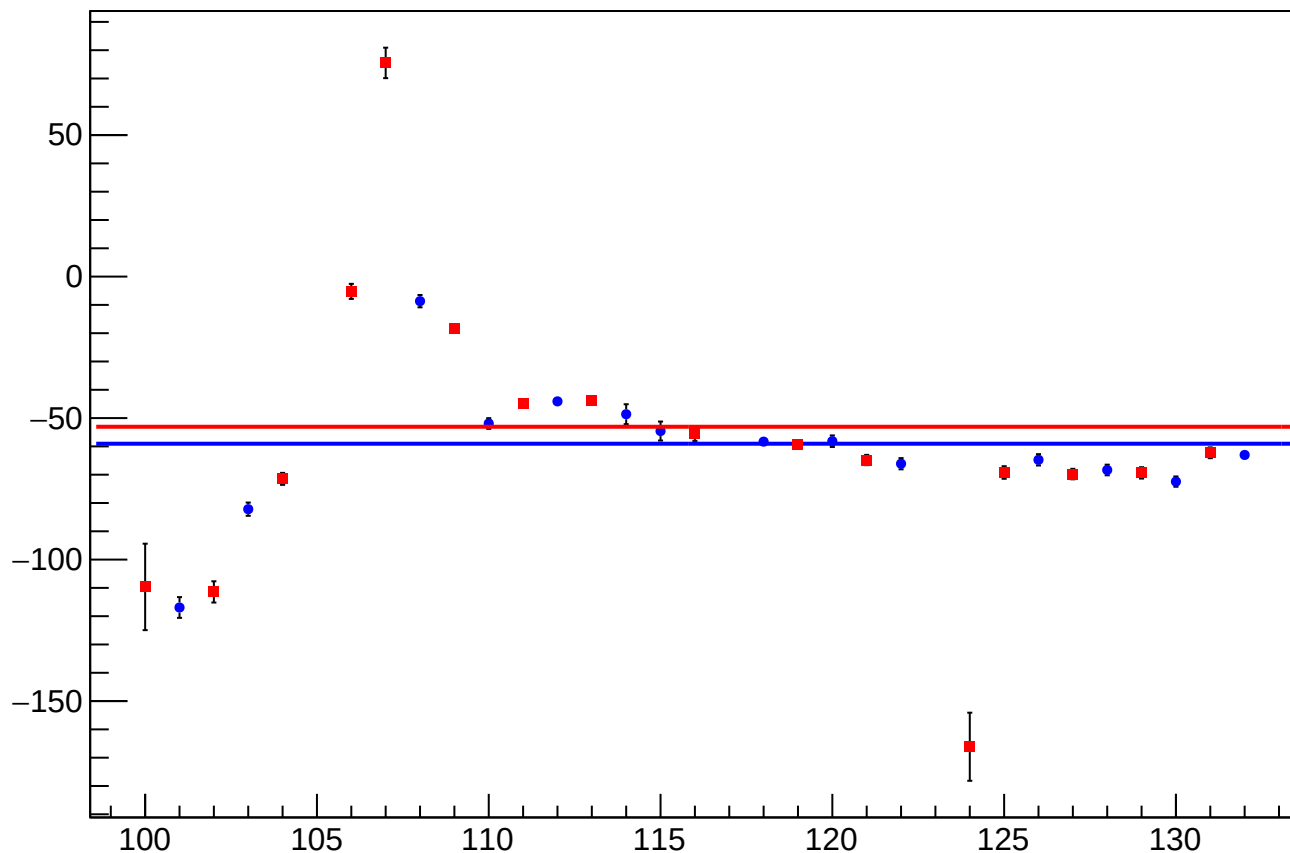
Right: 3.476+/-0.347 χ^2/NDF : 308.3/29

In: 3.910+/-0.482 χ^2/NDF : 206.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.476+/-0.347 χ^2/NDF : 308.3/29

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.055 ± 0.546 $\chi^2/\text{NDF}: 1097.3/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -53.060 ± 0.542 $\chi^2/\text{NDF}: 2112.1/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

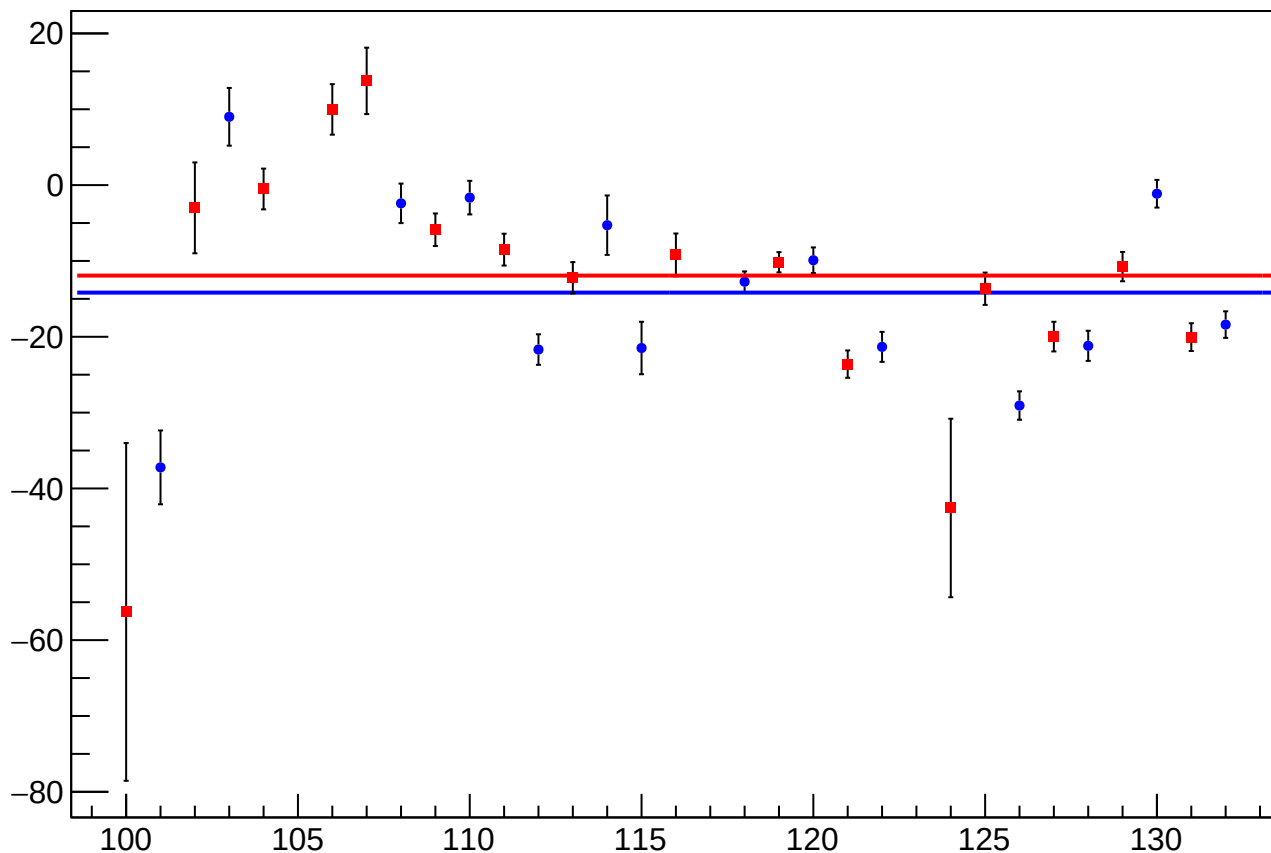
Right: -56.036 ± 0.385 $\chi^2/\text{NDF}: 3270.1/29$

In: -59.055 ± 0.546 $\chi^2/\text{NDF}: 1097.3/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -56.036 ± 0.385 $\chi^2/\text{NDF}: 3270.1/29$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -14.175 ± 0.562 χ^2/NDF : 288.4/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -11.930 ± 0.574 χ^2/NDF : 201.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

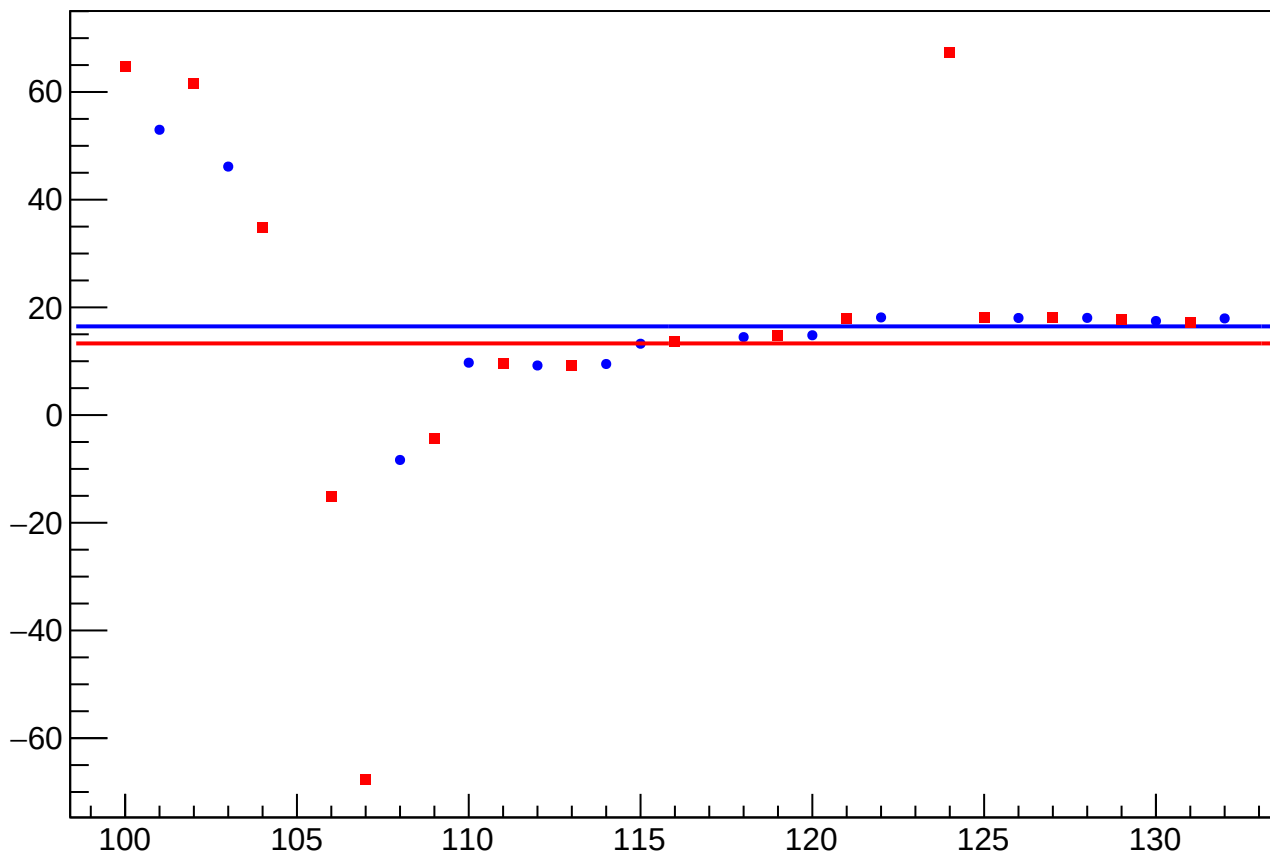
Right: -13.076 ± 0.401 χ^2/NDF : 497.7/29

In: -14.175 ± 0.562 χ^2/NDF : 288.4/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.076 ± 0.401 χ^2/NDF : 497.7/29

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 16.470+/-0.038 χ^2/NDF : 204950.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.306+/-0.038 χ^2/NDF : 352596.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

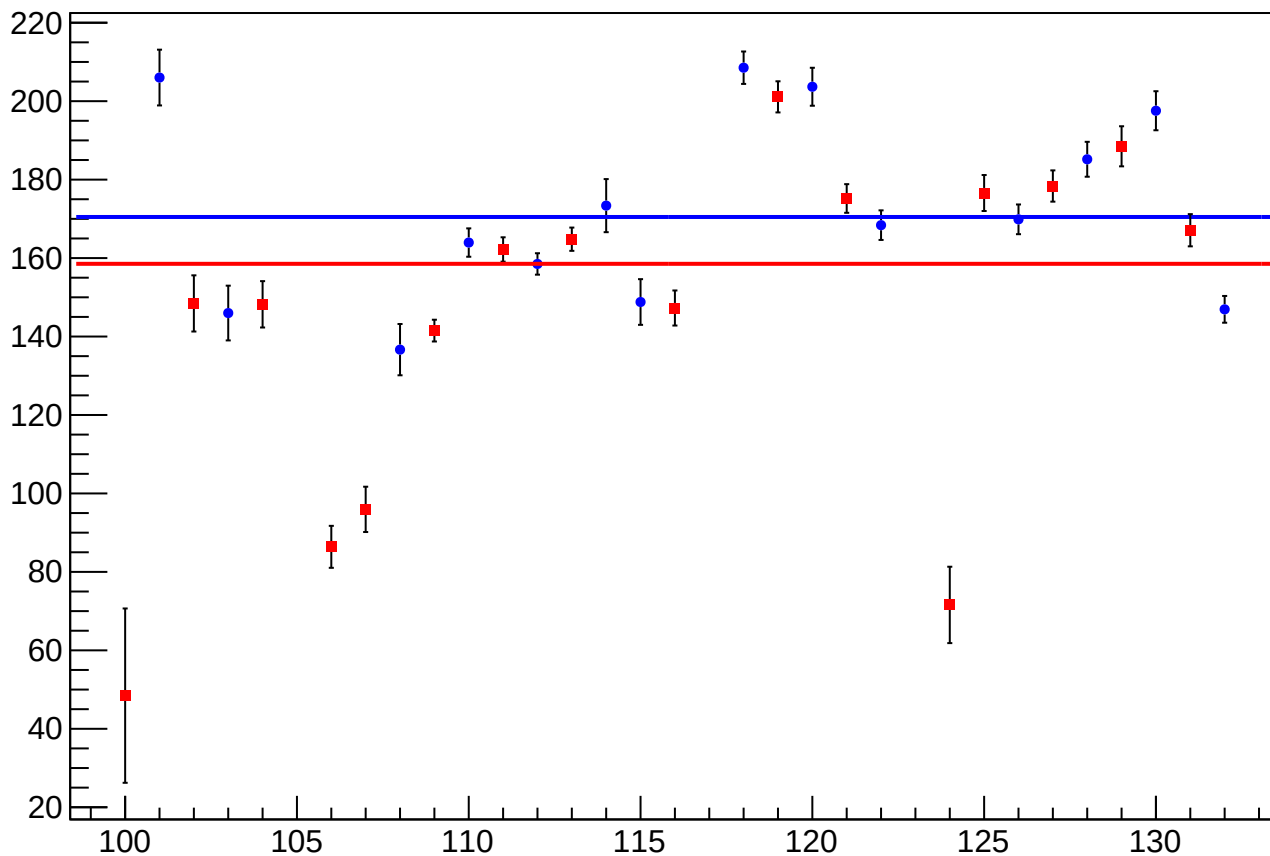
Right: 14.904+/-0.027 χ^2/NDF : 561039.2/29

In: 16.470+/-0.038 χ^2/NDF : 204950.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.904+/-0.027 χ^2/NDF : 561039.2/29

reg_asym_at1_avg_at2_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 170.478+/-1.160 χ^2/NDF : 321.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.538+/-1.072 χ^2/NDF : 673.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

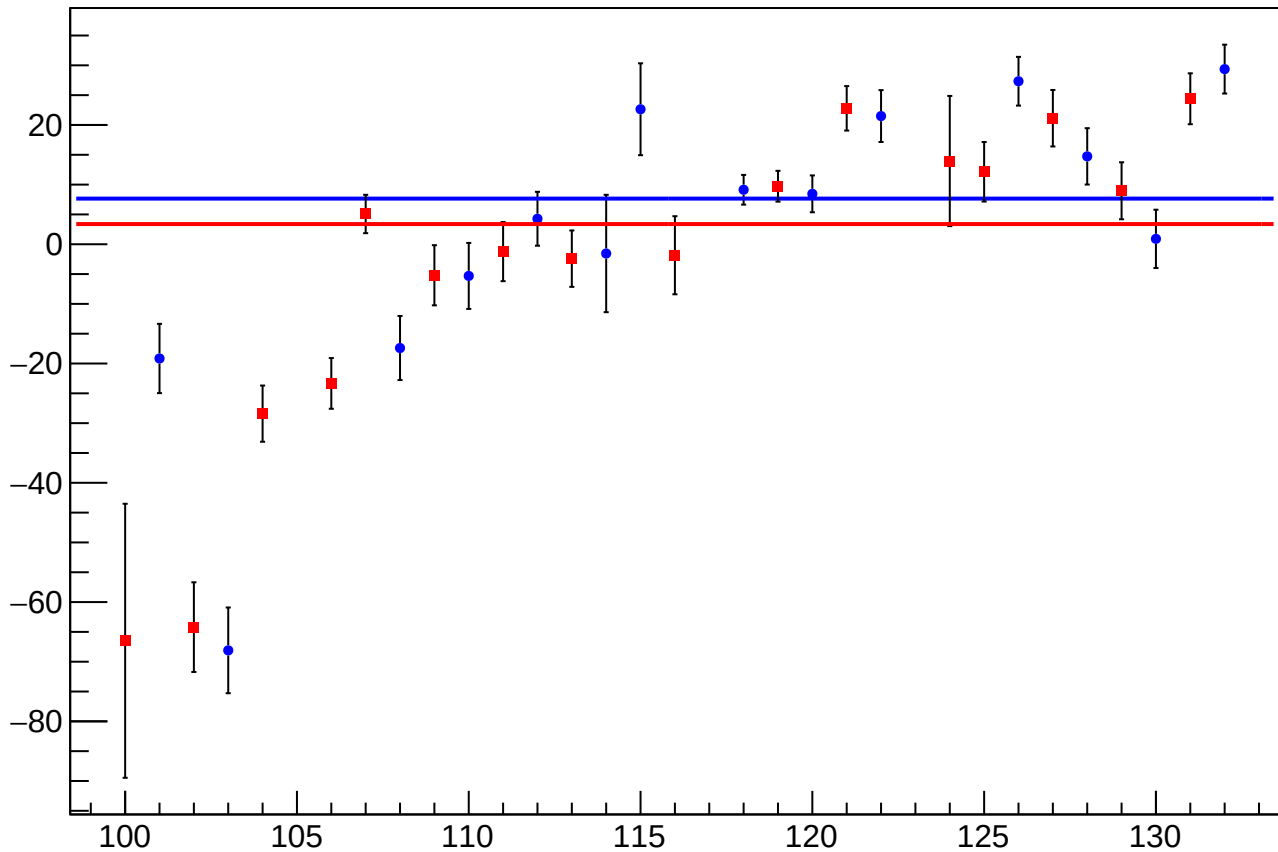
Right: 164.040+/-0.787 χ^2/NDF : 1051.6/29

In: 170.478+/-1.160 χ^2/NDF : 321.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.040+/-0.787 χ^2/NDF : 1051.6/29

reg_asym_at1_avg_at2_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.654+/-1.181 χ^2/NDF : 230.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.383+/-1.134 χ^2/NDF : 258.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

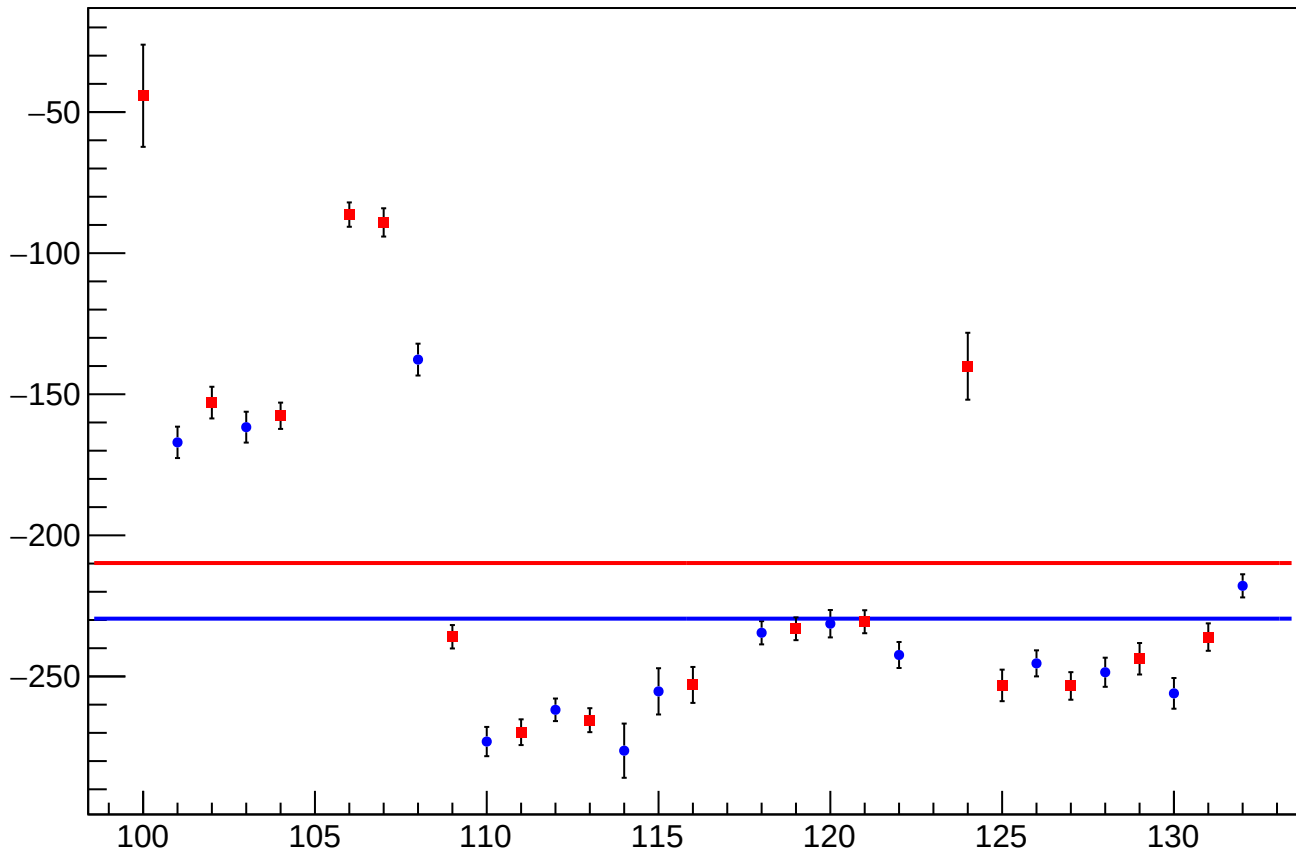
Right: 5.432+/-0.818 χ^2/NDF : 495.6/29

In: 7.654+/-1.181 χ^2/NDF : 230.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.432+/-0.818 χ^2/NDF : 495.6/29

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -229.523+/-1.350 χ^2/NDF : 780.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -209.814+/-1.252 χ^2/NDF : 2441.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

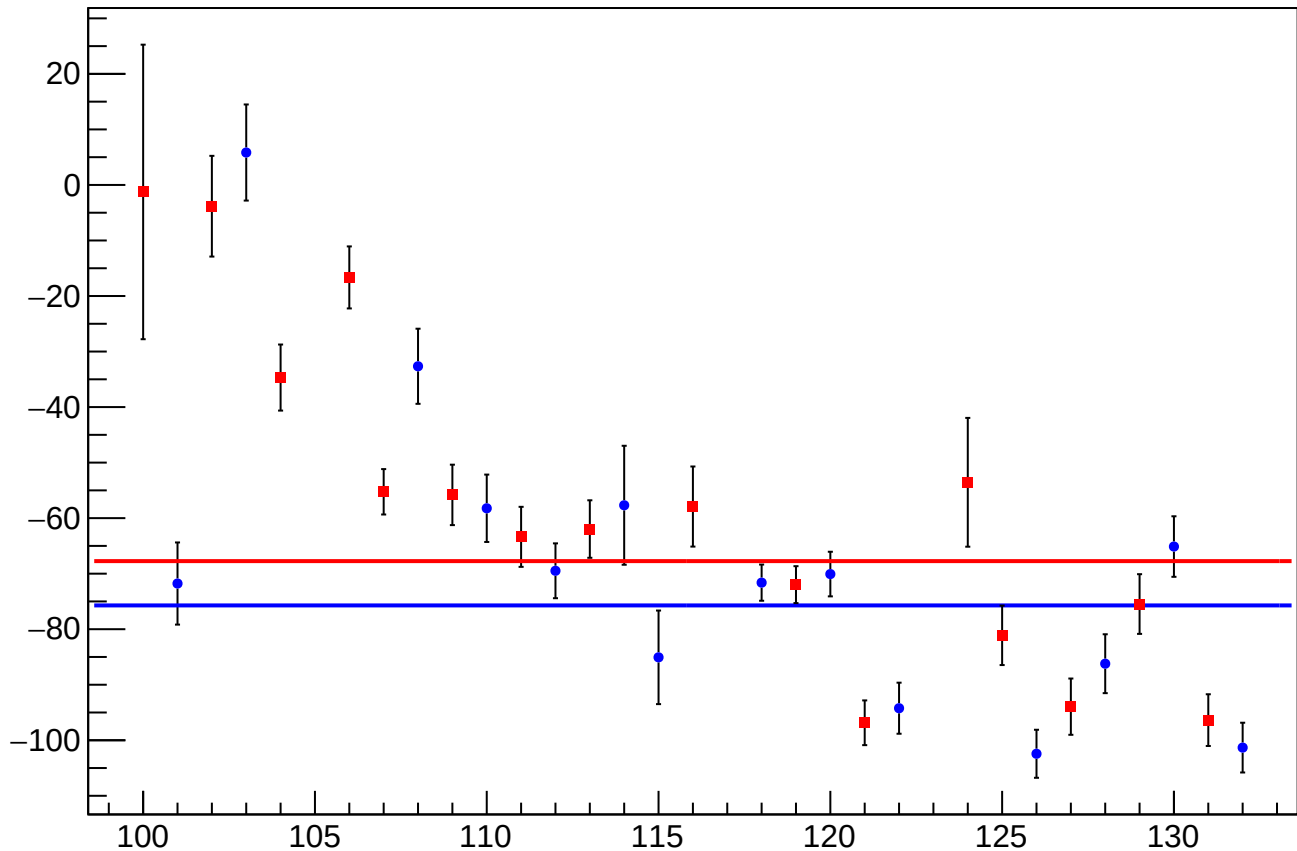
Right: -218.930+/-0.918 χ^2/NDF : 3336.2/29

In: -229.523+/-1.350 χ^2/NDF : 780.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -218.930+/-0.918 χ^2/NDF : 3336.2/29

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -75.718+/-1.386 χ^2/NDF : 241.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -67.739+/-1.322 χ^2/NDF : 316.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

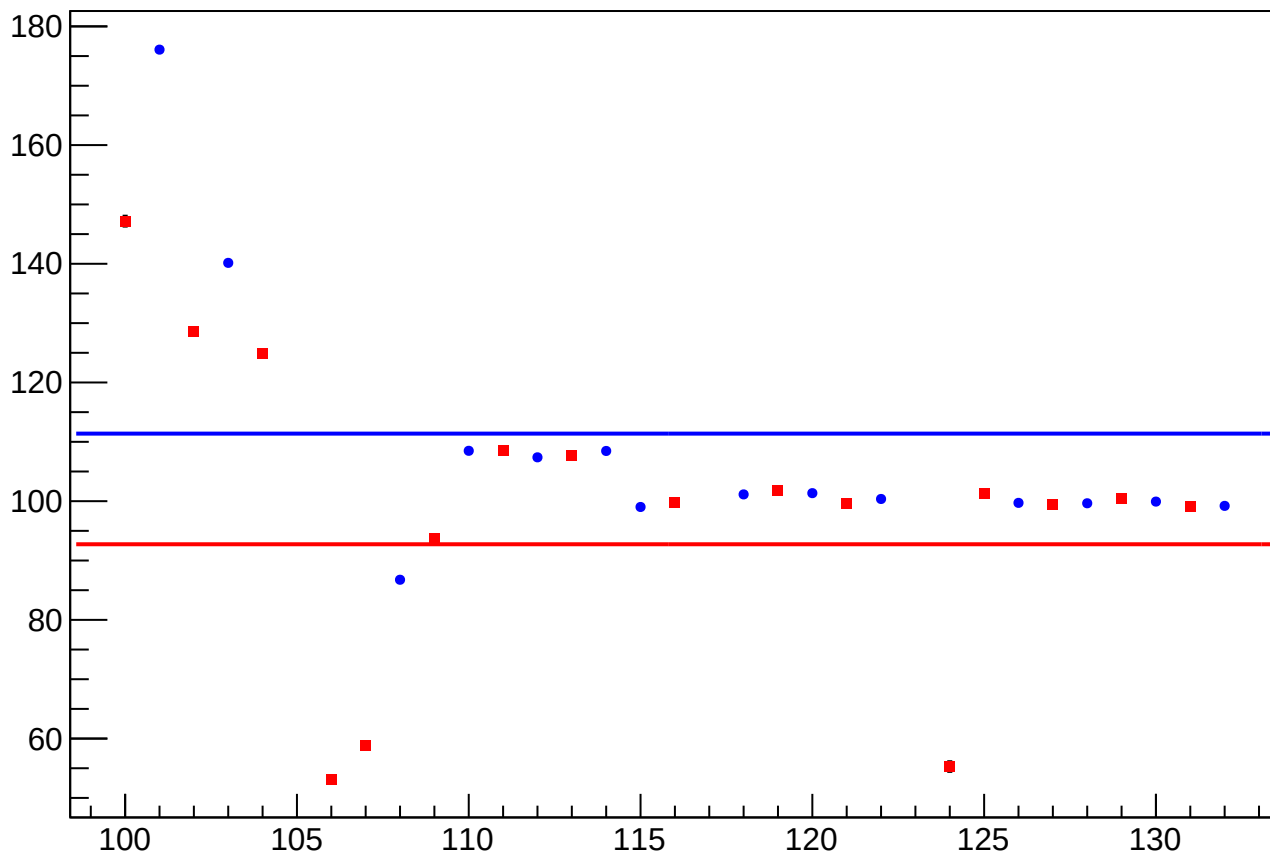
Right: -71.539+/-0.957 χ^2/NDF : 575.9/29

In: -75.718+/-1.386 χ^2/NDF : 241.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -71.539+/-0.957 χ^2/NDF : 575.9/29

reg_asym_at1_avg_at2_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 111.384+/-0.092 χ^2/NDF : 71924.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.741+/-0.078 χ^2/NDF : 123380.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

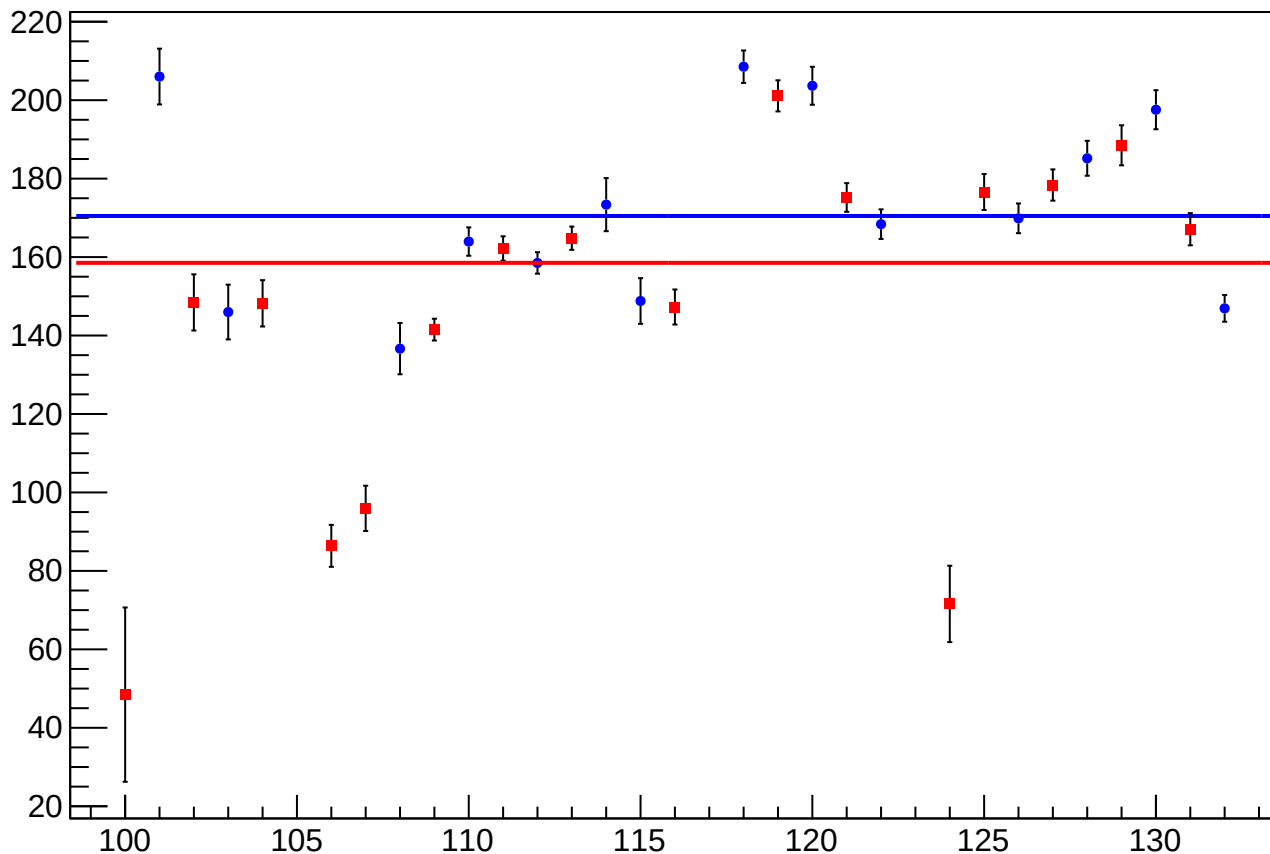
Right: 100.536+/-0.060 χ^2/NDF : 219129.0/29

In: 111.384+/-0.092 χ^2/NDF : 71924.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.536+/-0.060 χ^2/NDF : 219129.0/29

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 170.478+/-1.160 χ^2/NDF : 321.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.538+/-1.072 χ^2/NDF : 673.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

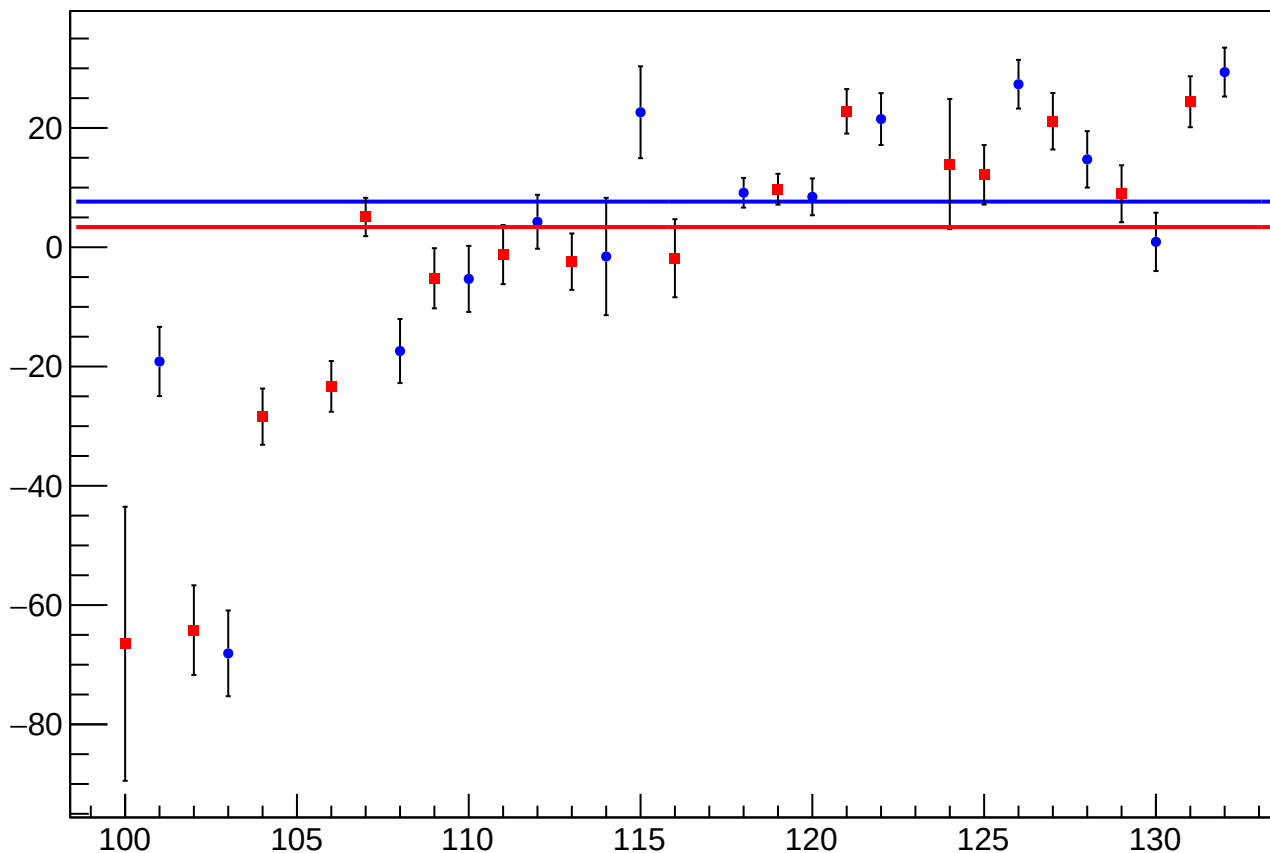
Right: 164.040+/-0.787 χ^2/NDF : 1051.6/29

In: 170.478+/-1.160 χ^2/NDF : 321.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.040+/-0.787 χ^2/NDF : 1051.6/29

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.654+/-1.181 χ^2/NDF : 230.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.383+/-1.134 χ^2/NDF : 258.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

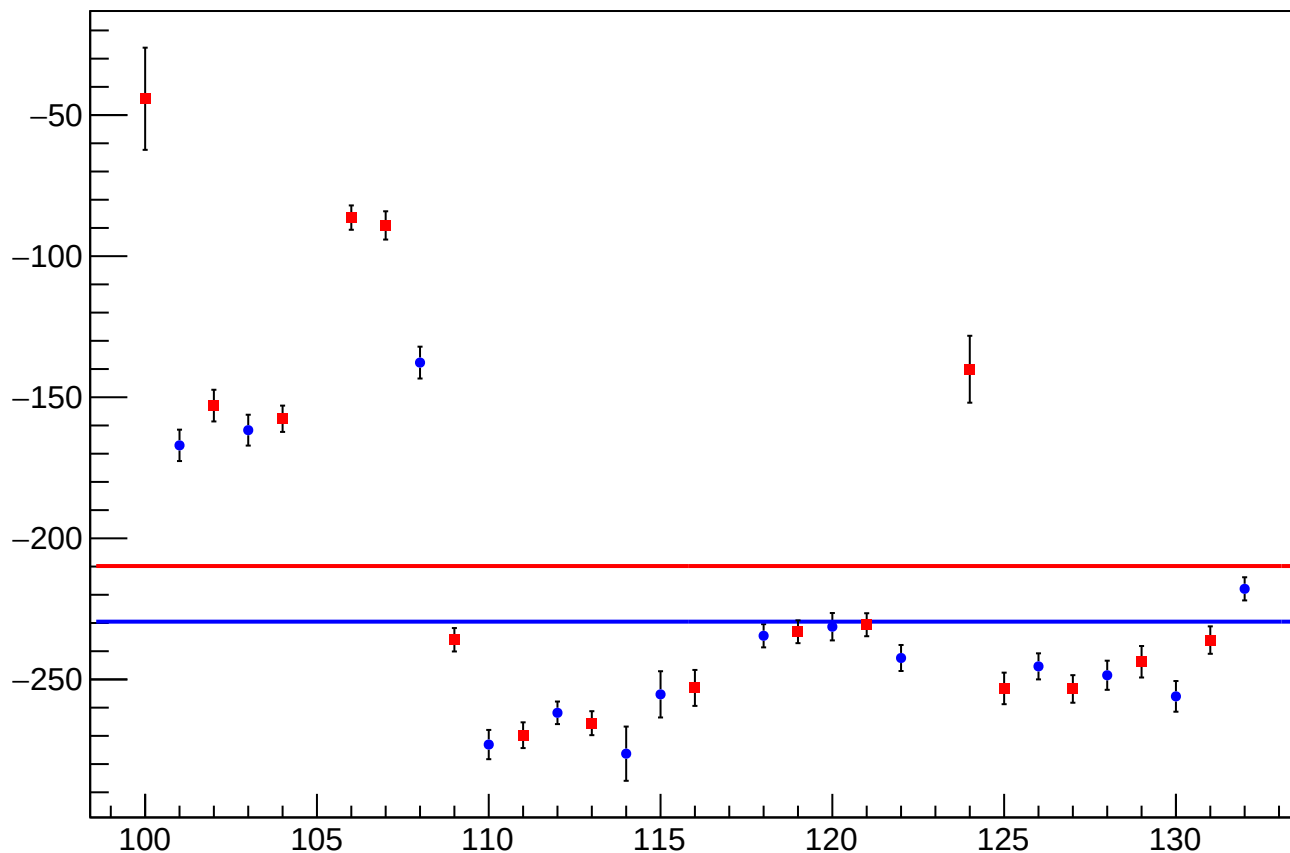
Right: 5.432+/-0.818 χ^2/NDF : 495.6/29

In: 7.654+/-1.181 χ^2/NDF : 230.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.432+/-0.818 χ^2/NDF : 495.6/29

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -229.523+/-1.350 χ^2/NDF : 780.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -209.814+/-1.252 χ^2/NDF : 2441.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

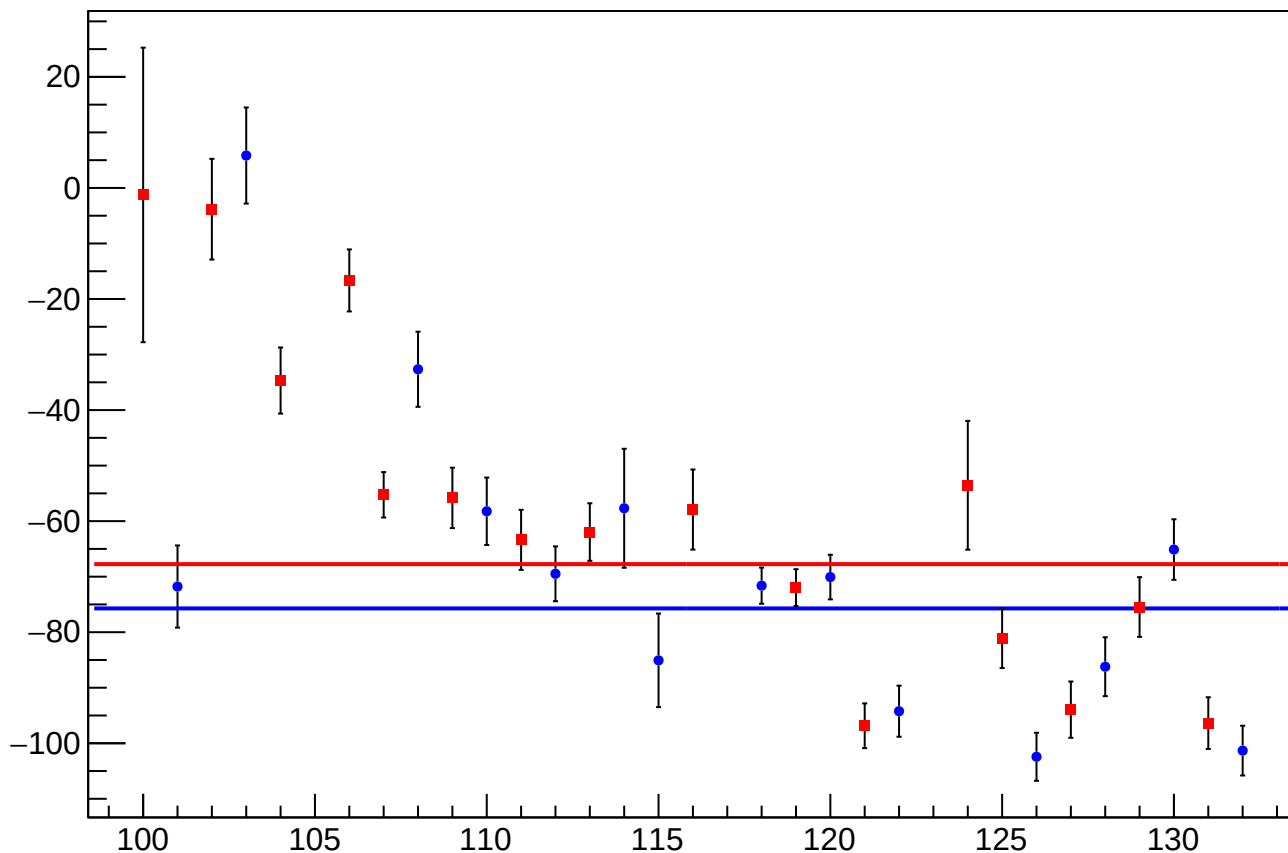
Right: -218.930+/-0.918 χ^2/NDF : 3336.2/29

In: -229.523+/-1.350 χ^2/NDF : 780.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -218.930+/-0.918 χ^2/NDF : 3336.2/29

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -75.718+/-1.386 χ^2/NDF : 241.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -67.739+/-1.322 χ^2/NDF : 316.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

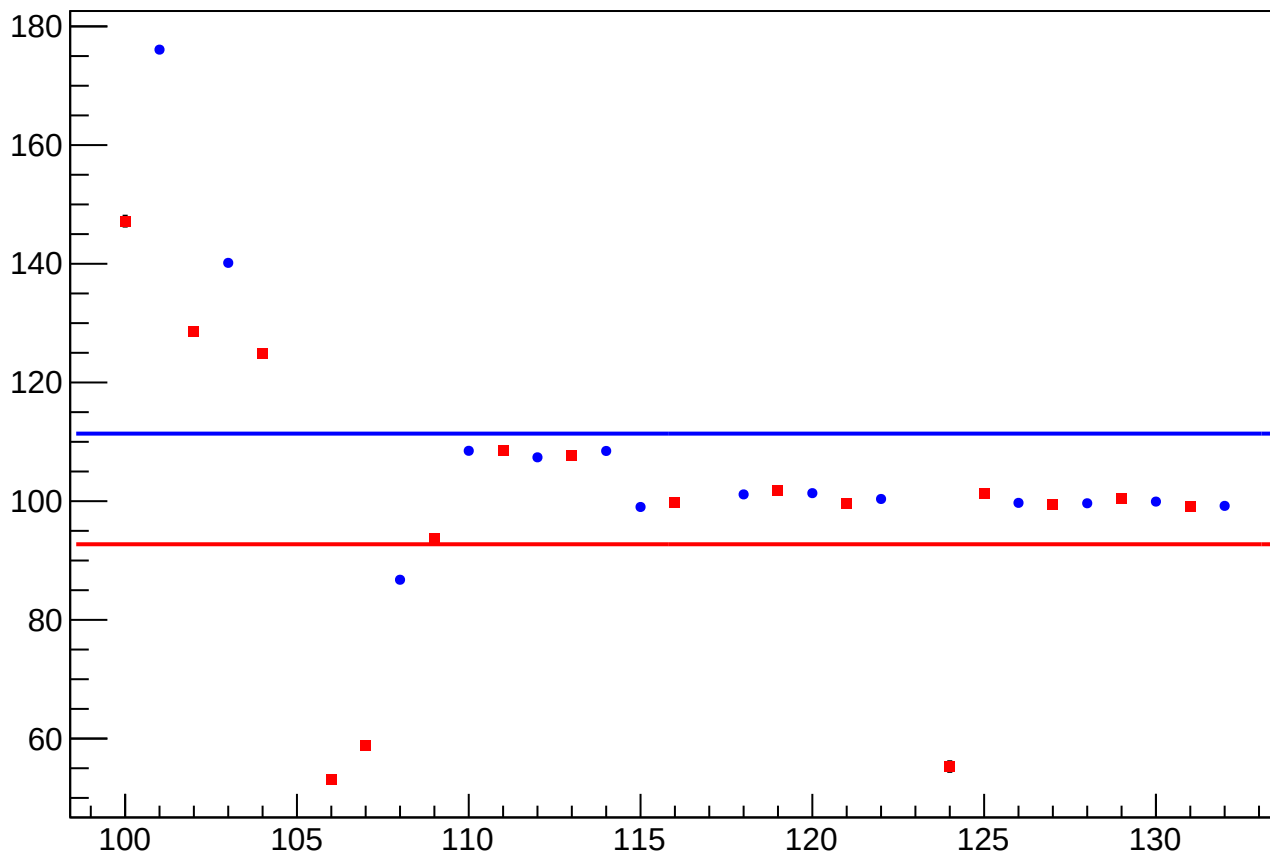
Right: -71.539+/-0.957 χ^2/NDF : 575.9/29

In: -75.718+/-1.386 χ^2/NDF : 241.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -71.539+/-0.957 χ^2/NDF : 575.9/29

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 111.384+/-0.092 χ^2/NDF : 71924.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.741+/-0.078 χ^2/NDF : 123380.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

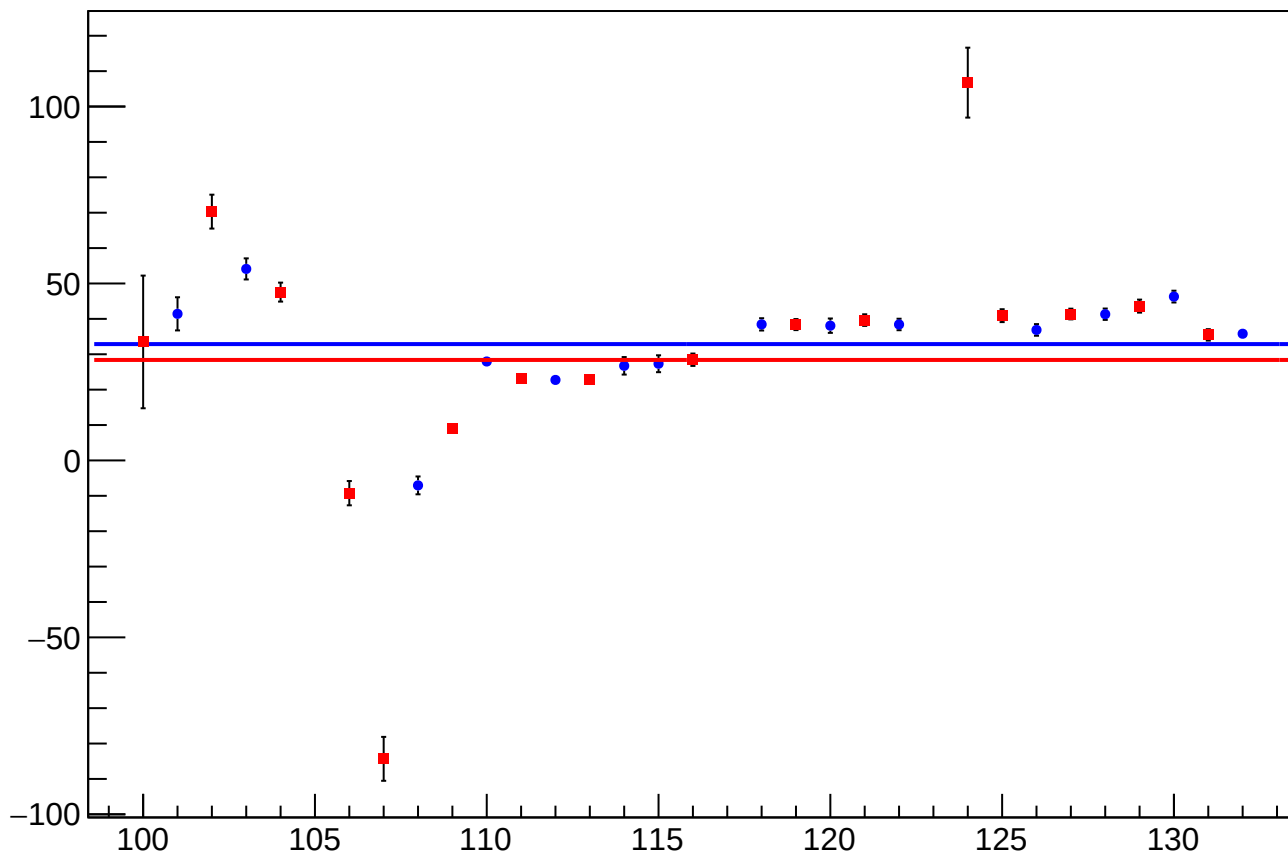
Right: 100.536+/-0.060 χ^2/NDF : 219129.0/29

In: 111.384+/-0.092 χ^2/NDF : 71924.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.536+/-0.060 χ^2/NDF : 219129.0/29

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 32.872 ± 0.462 $\chi^2/\text{NDF}: 545.2/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 28.392 ± 0.443 $\chi^2/\text{NDF}: 1301.3/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

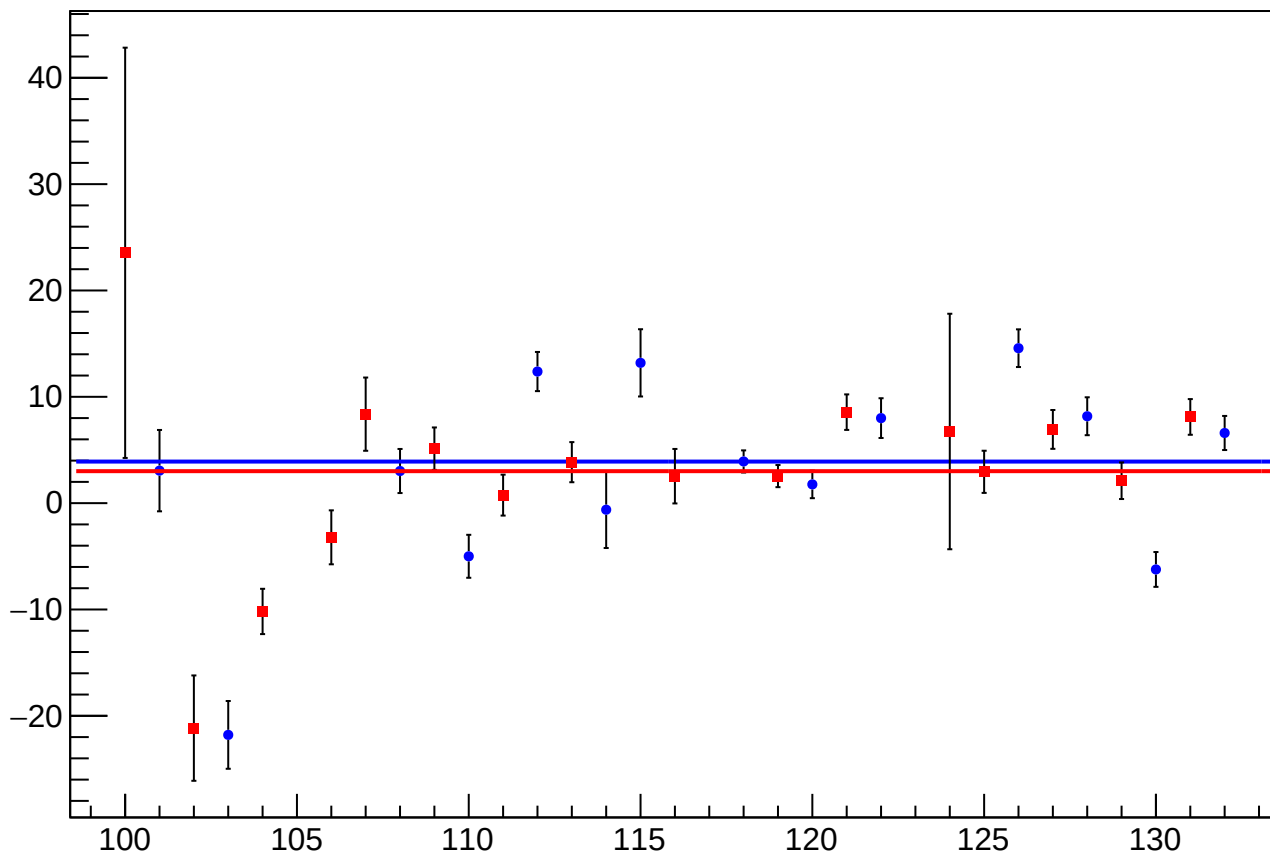
Right: 30.536 ± 0.320 $\chi^2/\text{NDF}: 1895.5/29$

In: 32.872 ± 0.462 $\chi^2/\text{NDF}: 545.2/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 30.536 ± 0.320 $\chi^2/\text{NDF}: 1895.5/29$

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.910+/-0.482 χ^2/NDF : 206.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.008+/-0.500 χ^2/NDF : 100.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

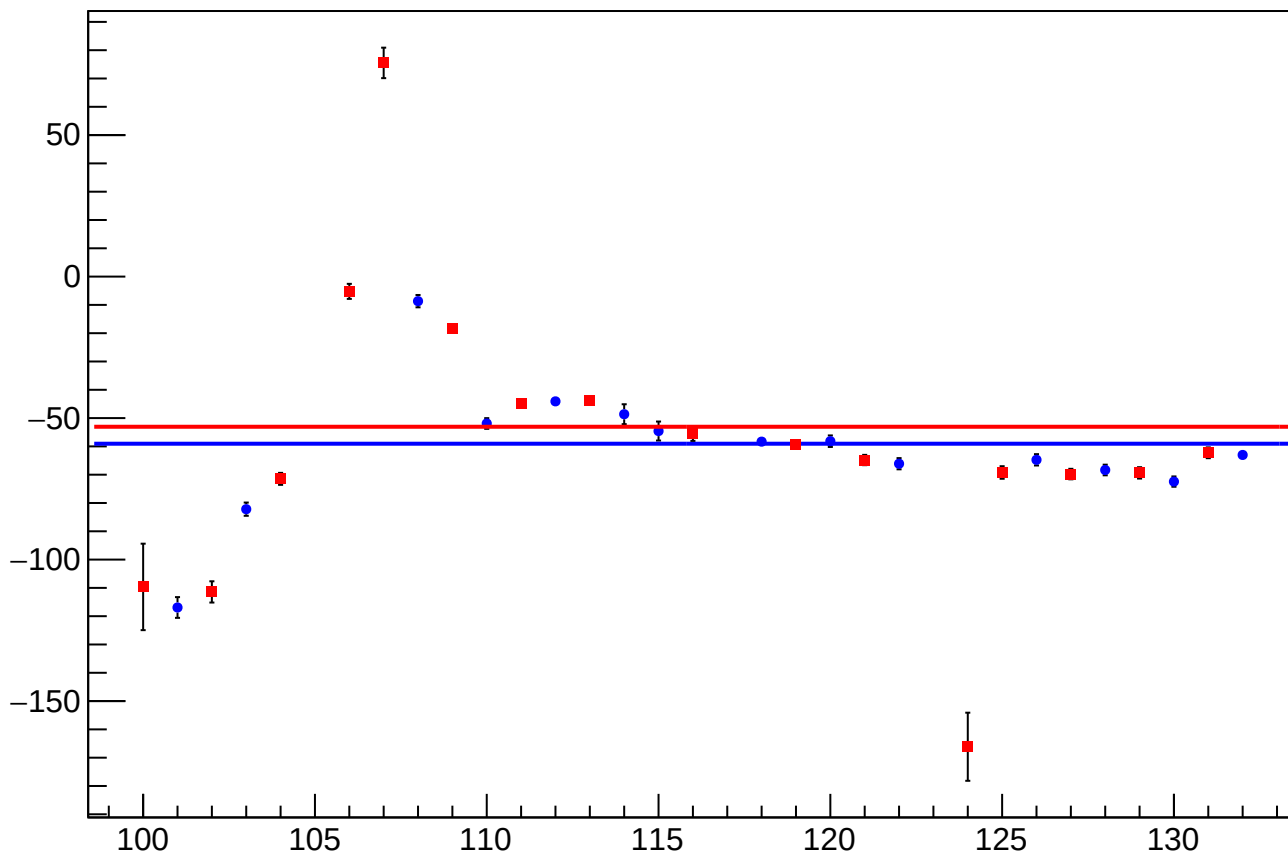
Right: 3.476+/-0.347 χ^2/NDF : 308.3/29

In: 3.910+/-0.482 χ^2/NDF : 206.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.476+/-0.347 χ^2/NDF : 308.3/29

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.055 ± 0.546 χ^2/NDF : 1097.3/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -53.060 ± 0.542 χ^2/NDF : 2112.1/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

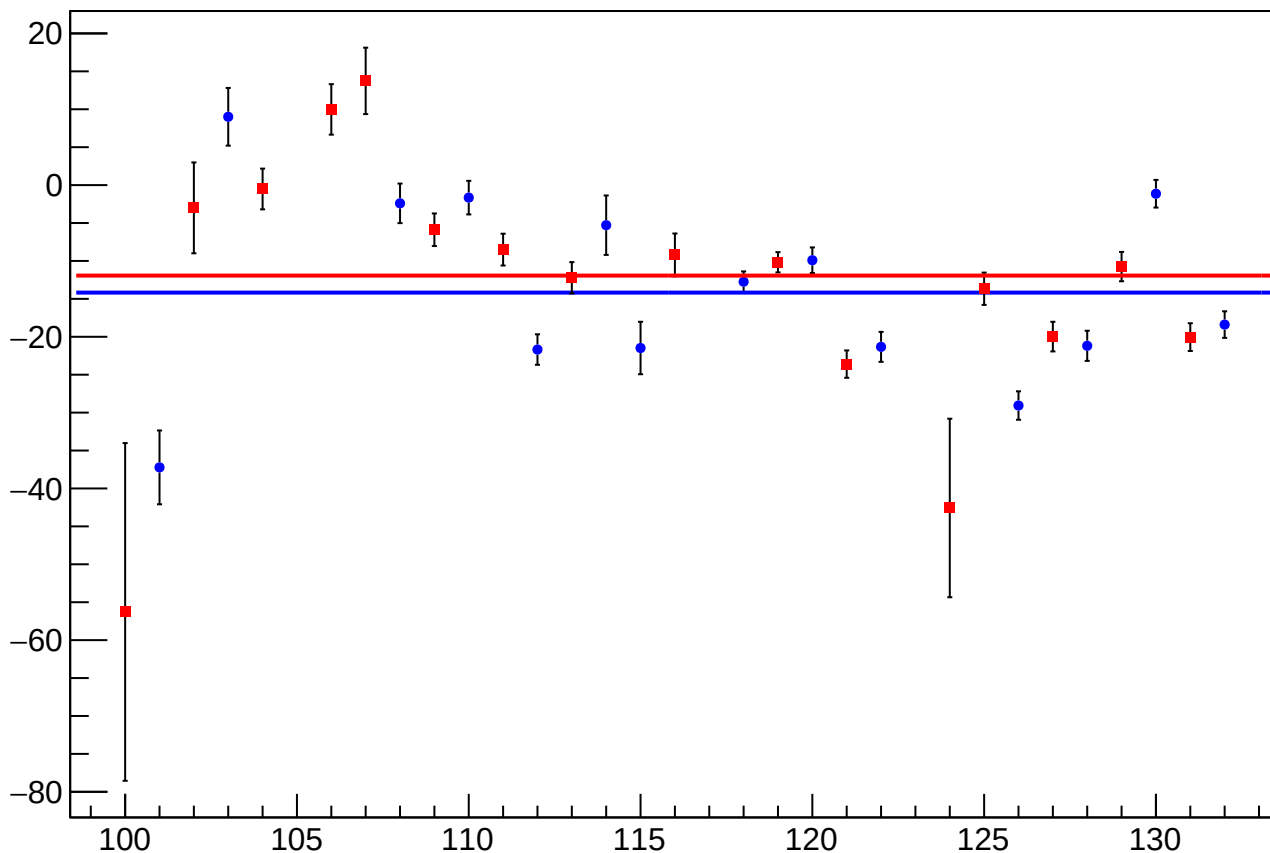
Right: -56.036 ± 0.385 χ^2/NDF : 3270.1/29

In: -59.055 ± 0.546 χ^2/NDF : 1097.3/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -56.036 ± 0.385 χ^2/NDF : 3270.1/29

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -14.175 ± 0.562 χ^2/NDF : 288.4/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -11.930 ± 0.574 χ^2/NDF : 201.5/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

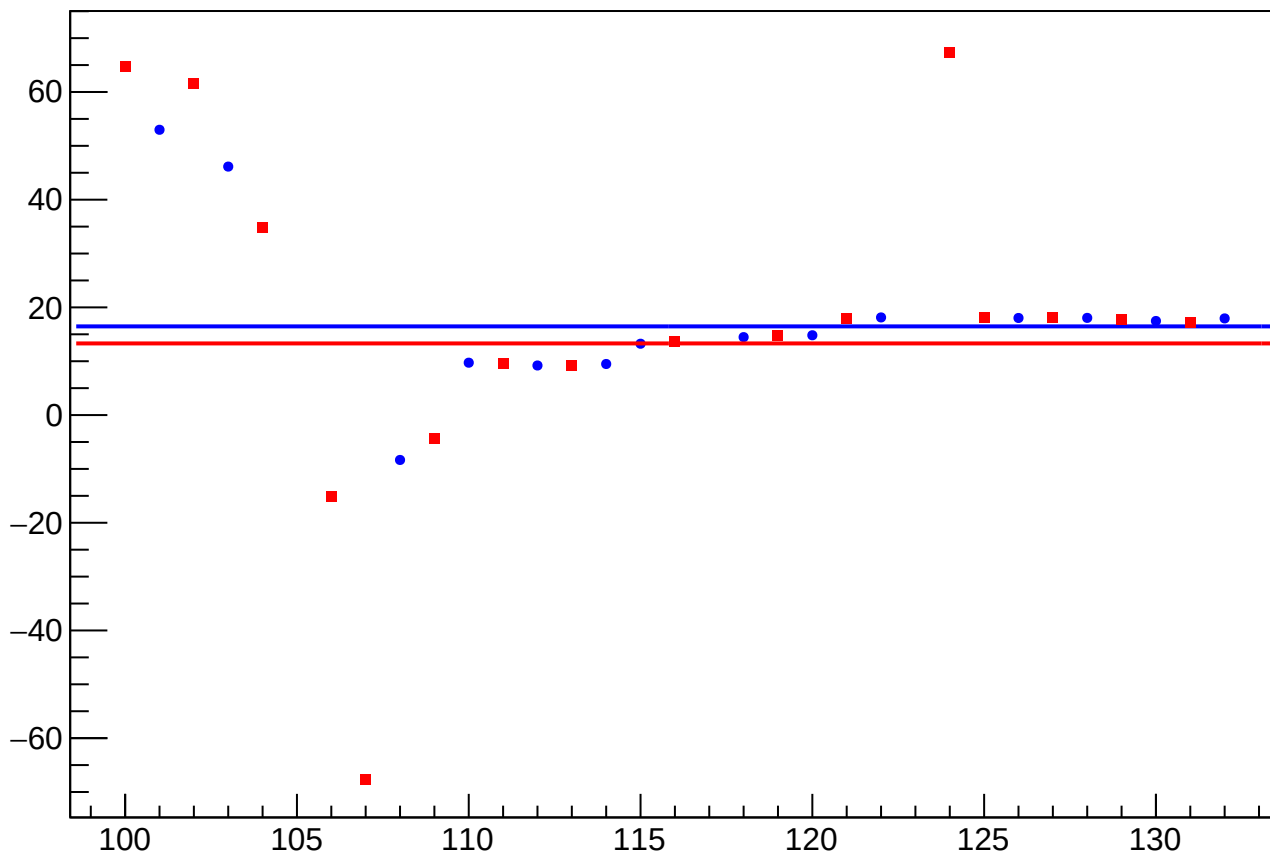
Right: -13.076 ± 0.401 χ^2/NDF : 497.7/29

In: -14.175 ± 0.562 χ^2/NDF : 288.4/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.076 ± 0.401 χ^2/NDF : 497.7/29

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 16.470 $\pm$ 0.038 χ^2 /NDF: 204950.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 13.306 $\pm$ 0.038 χ^2 /NDF: 352596.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

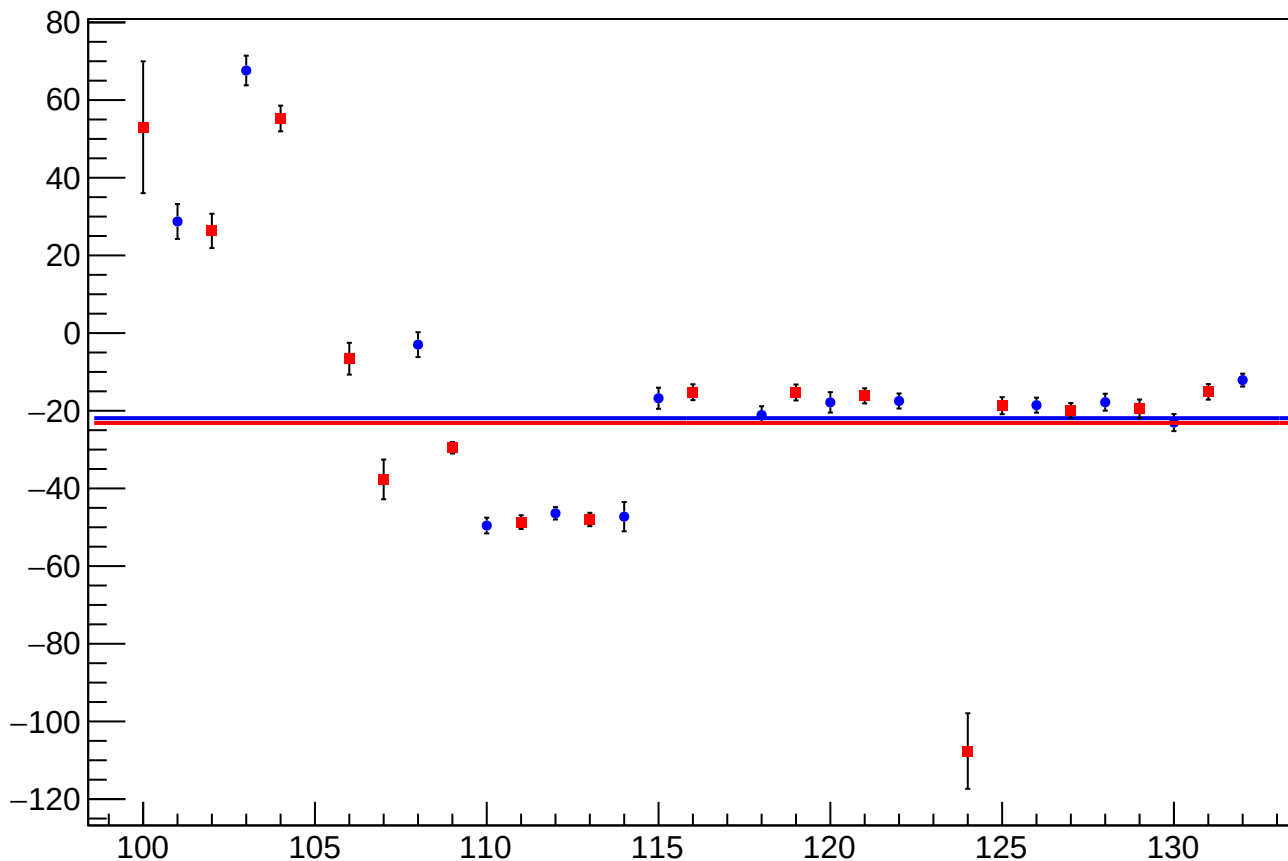
Right: 14.904 $\pm$ 0.027 χ^2 /NDF: 561039.2/29

In: 16.470 $\pm$ 0.038 χ^2 /NDF:204950.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 14.904 $\pm$ 0.027 χ^2 /NDF: 561039.2/29

reg_asym_at1_dd_at2_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -21.908 ± 0.607 χ^2/NDF : 1233.3/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -23.140 ± 0.577 χ^2/NDF : 1310.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

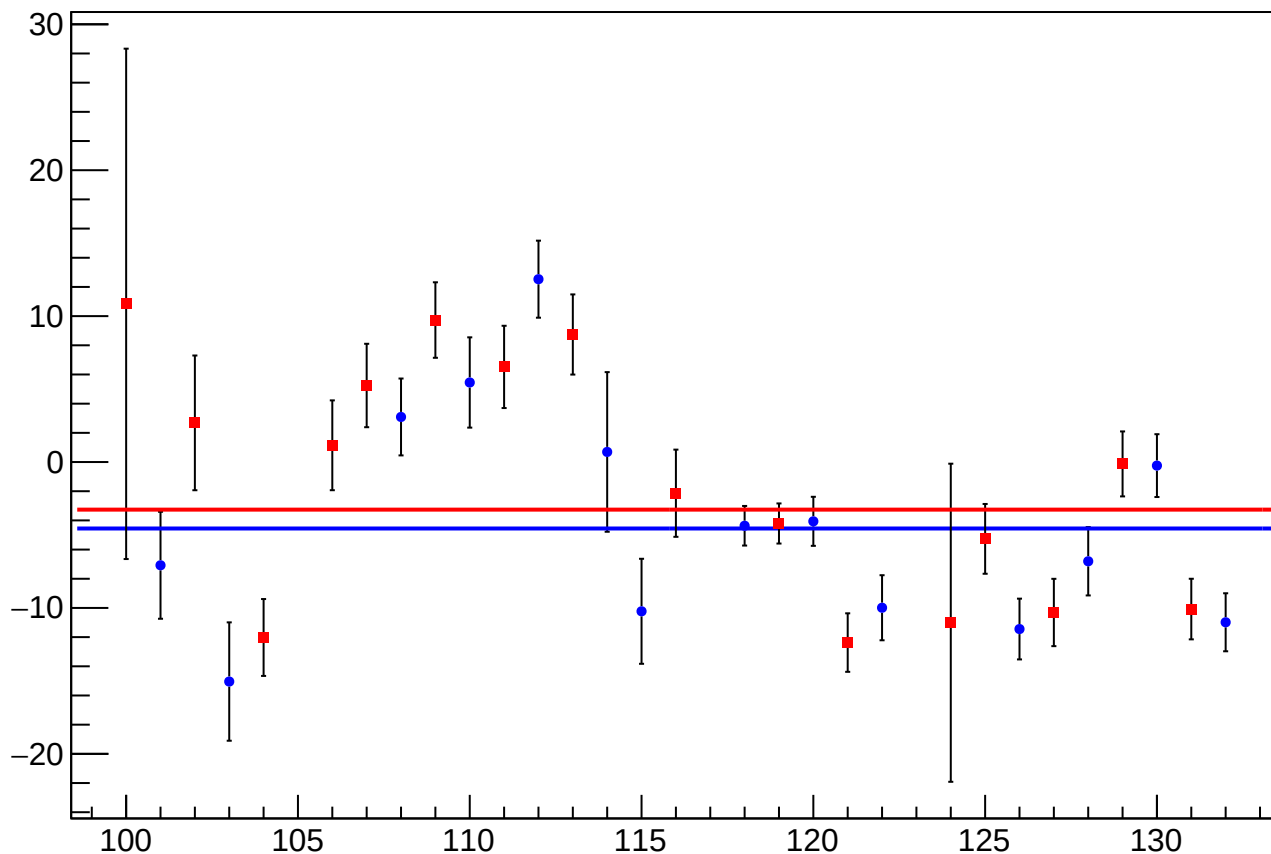
Right: -22.555 ± 0.418 χ^2/NDF : 2545.7/29

In: -21.908 ± 0.607 χ^2/NDF : 1233.3/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -22.555 ± 0.418 χ^2/NDF : 2545.7/29

reg_asym_at1_dd_at2_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.555 ± 0.618 χ^2/NDF : 103.7/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.262 ± 0.629 χ^2/NDF : 125.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

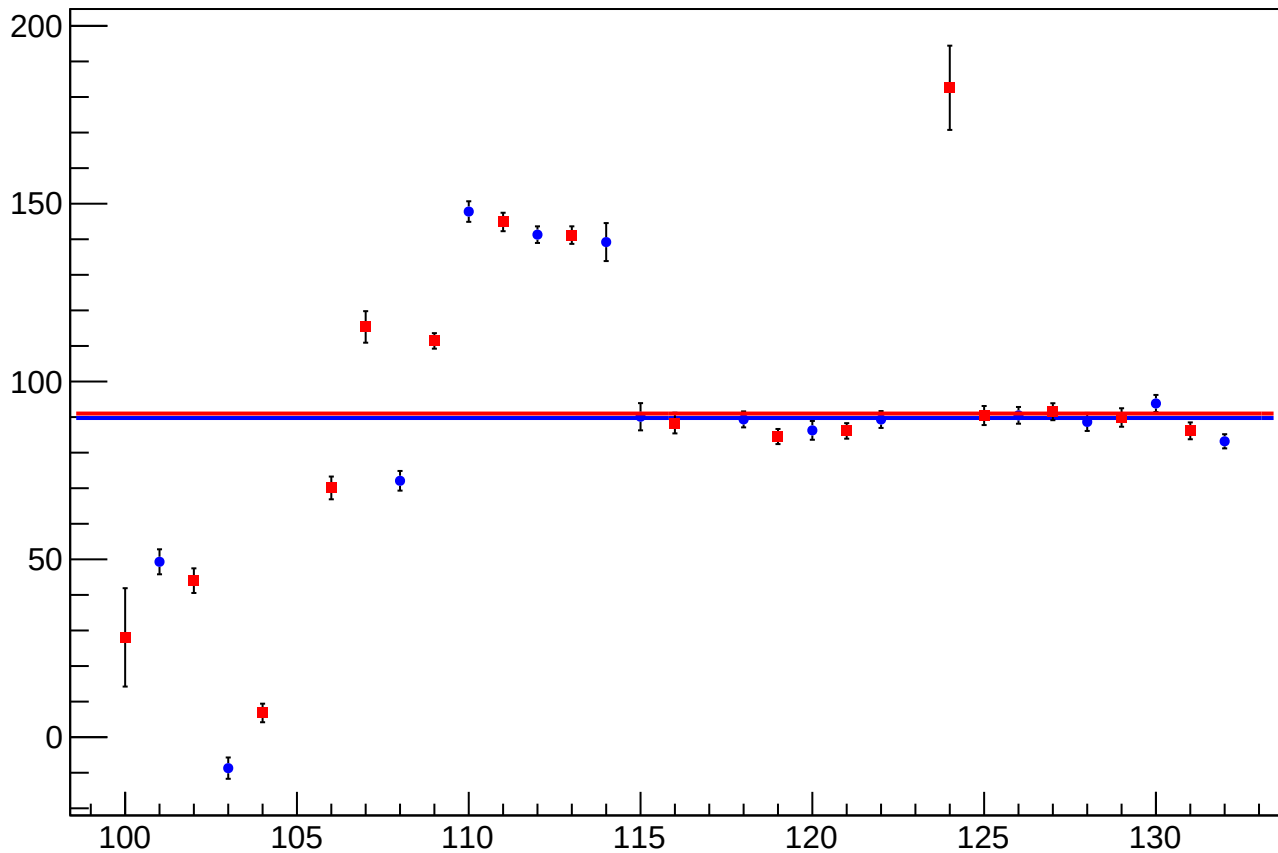
Right: -3.920 ± 0.441 χ^2/NDF : 231.0/29

In: -4.555 ± 0.618 χ^2/NDF : 103.7/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.920 ± 0.441 χ^2/NDF : 231.0/29

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 89.736+/-0.705 χ^2/NDF : 2244.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 90.995+/-0.689 χ^2/NDF : 2329.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

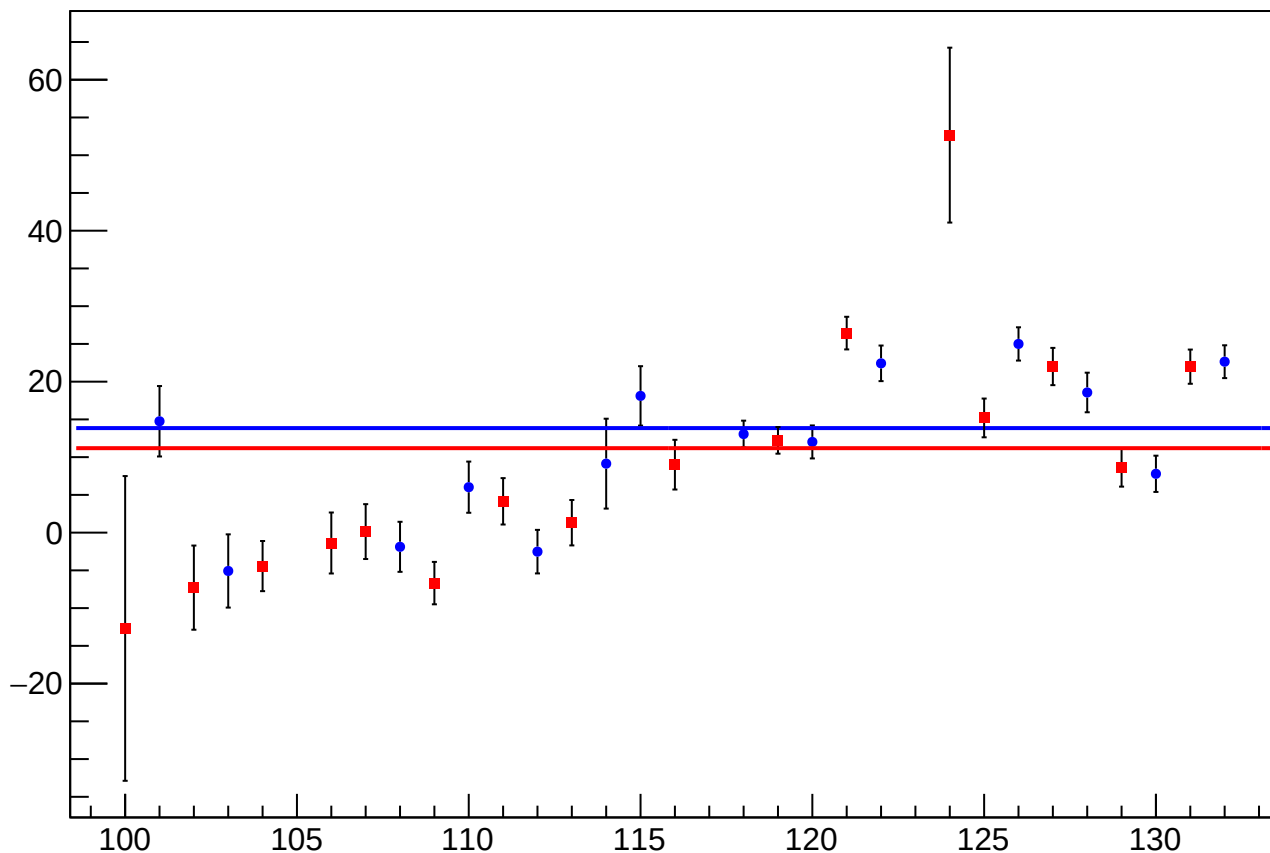
Right: 90.380+/-0.493 χ^2/NDF : 4575.6/29

In: 89.736+/-0.705 χ^2/NDF :2244.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 90.380+/-0.493 χ^2/NDF : 4575.6/29

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.849 $\pm$ 0.721 χ^2 /NDF: 142.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.189 $\pm$ 0.724 χ^2 /NDF: 218.7/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

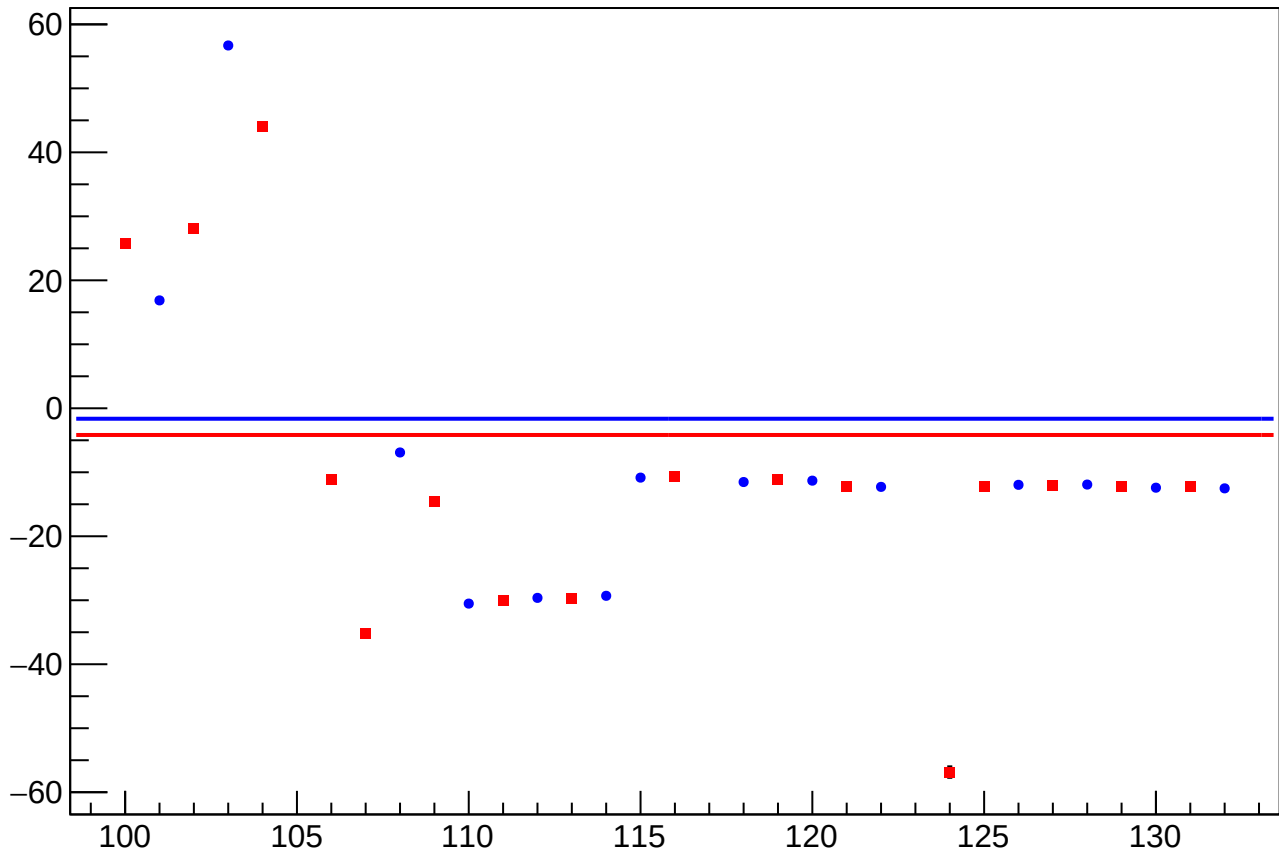
Right: 12.523 $\pm$ 0.511 χ^2 /NDF: 368.2/29

In: 13.849 $\pm$ 0.721 χ^2 /NDF:142.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 12.523 $\pm$ 0.511 χ^2 /NDF: 368.2/29

reg_asym_at1_dd_at2_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.633+/-0.048 χ^2/NDF : 290197.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.171+/-0.047 χ^2/NDF : 279230.3/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

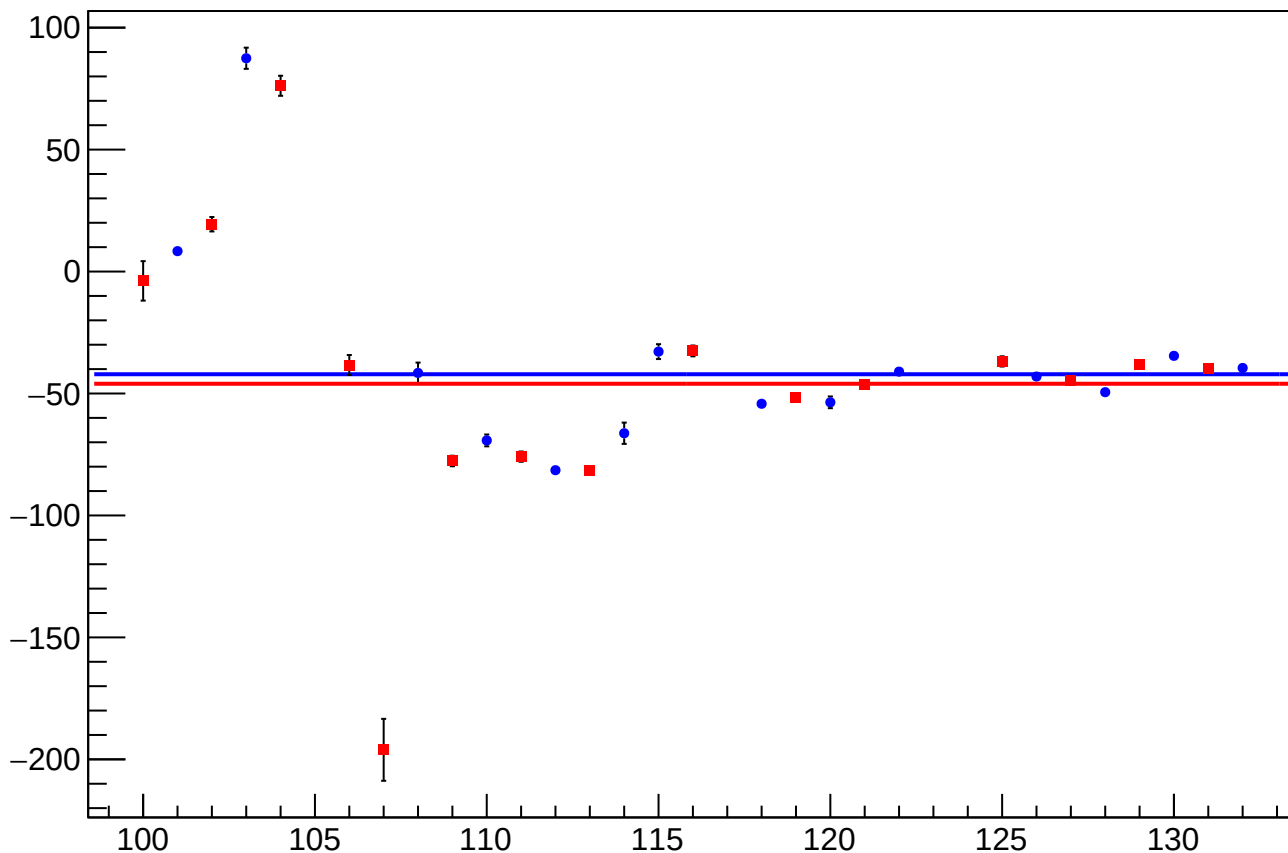
Right: -2.947+/-0.033 χ^2/NDF : 570863.1/29

In: -1.633+/-0.048 χ^2/NDF : 290197.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.947+/-0.033 χ^2/NDF : 570863.1/29

reg_asym_usl_atl1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -42.103 ± 0.584 χ^2/NDF : 2206.8/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -46.004 ± 0.598 χ^2/NDF : 2360.3/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

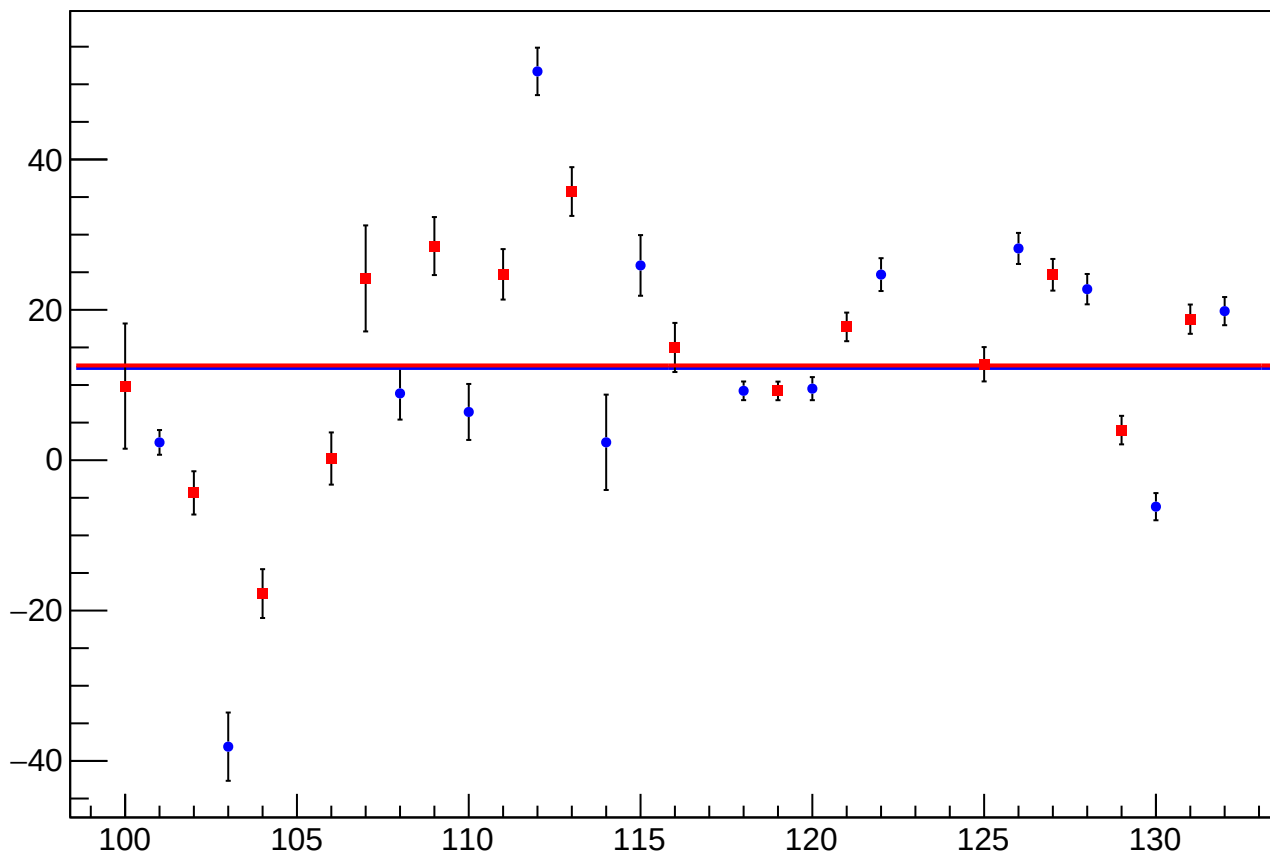
Right: -44.007 ± 0.418 χ^2/NDF : 4588.9/28

In: -42.103 ± 0.584 χ^2/NDF : 2206.8/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -44.007 ± 0.418 χ^2/NDF : 4588.9/28

reg_asym_usl_atl1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.274+/-0.567 χ^2/NDF : 581.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.601+/-0.624 χ^2/NDF : 297.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

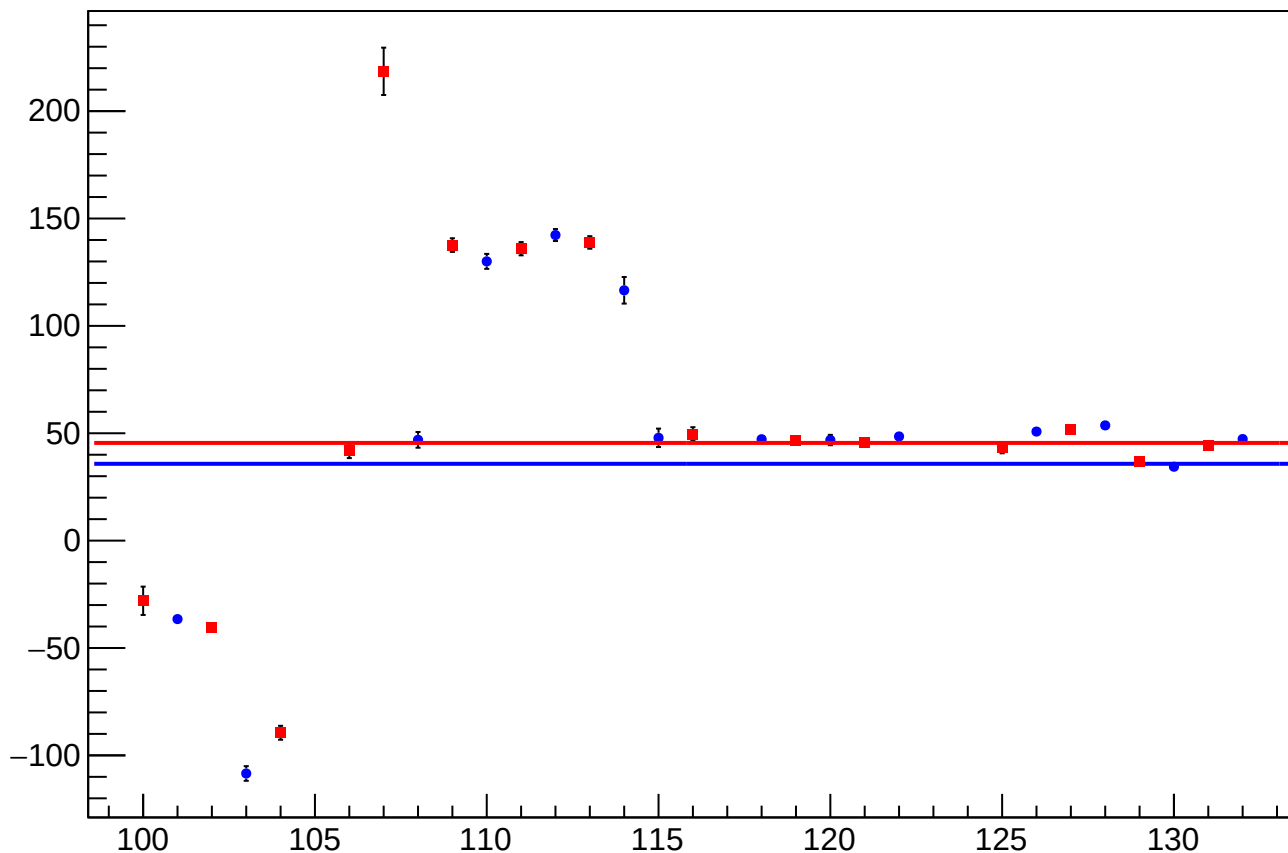
Right: 12.422+/-0.420 χ^2/NDF : 878.1/28

In: 12.274+/-0.567 χ^2/NDF : 581.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.422+/-0.420 χ^2/NDF : 878.1/28

reg_asym_usl_atl1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 35.776 $\pm$ 0.647 χ^2 /NDF: 6520.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 45.499 $\pm$ 0.689 χ^2 /NDF: 6234.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

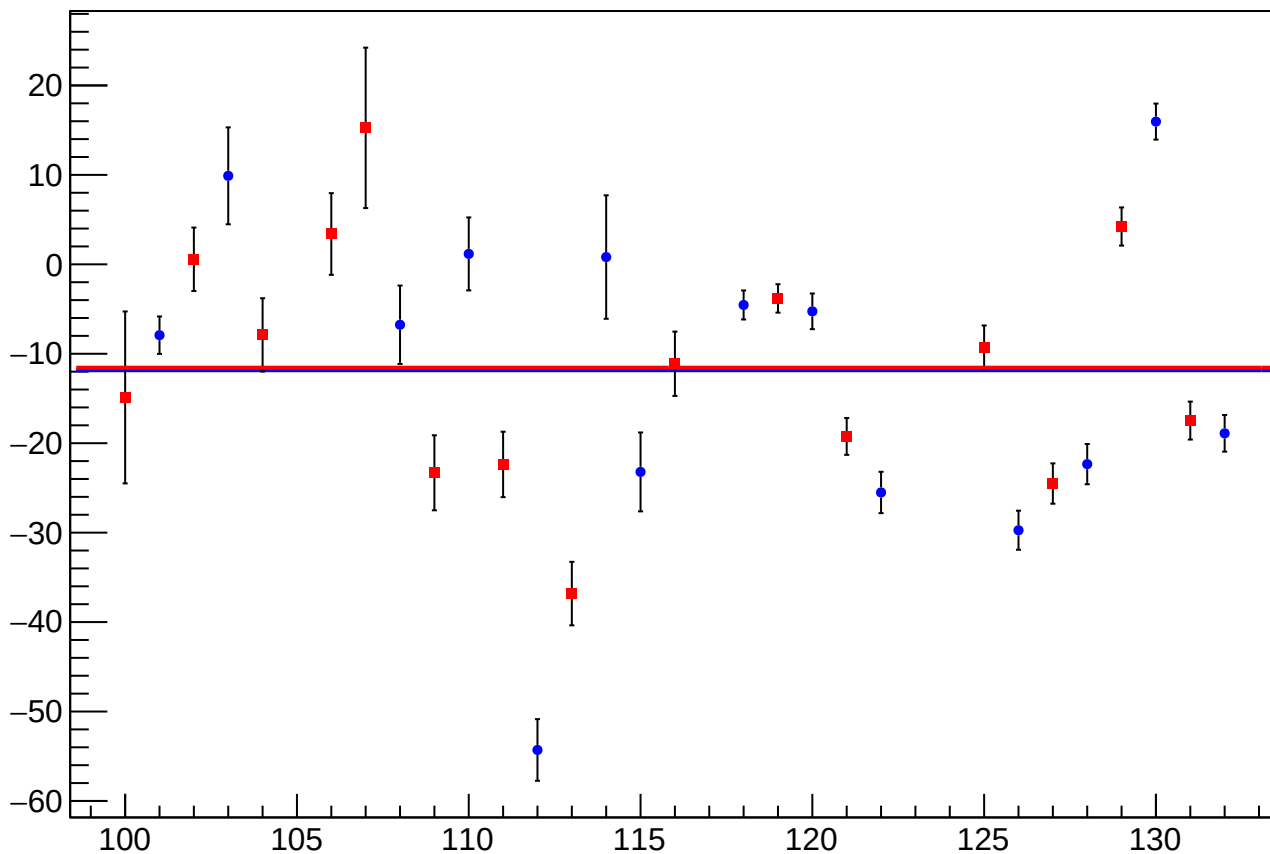
Right: 40.328 $\pm$ 0.472 χ^2 /NDF: 12861.2/28

In: 35.776 $\pm$ 0.647 χ^2 /NDF:6520.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 40.328 $\pm$ 0.472 χ^2 /NDF: 12861.2/28

reg_asym_usl_atl1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -11.838 $\pm$ 0.668 χ^2 /NDF: 550.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -11.557 $\pm$ 0.719 χ^2 /NDF: 233.7/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

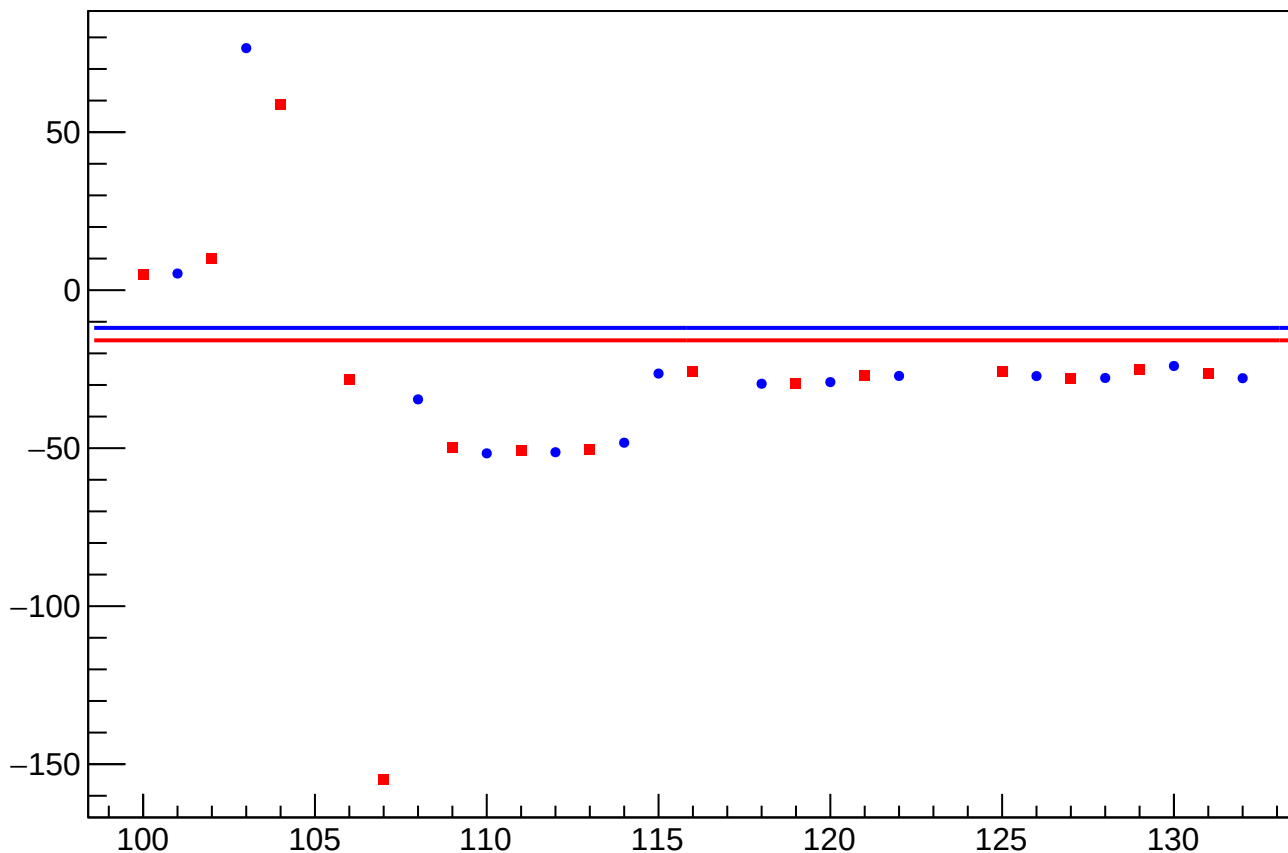
Right: -11.708 $\pm$ 0.489 χ^2 /NDF: 783.7/28

In: -11.838 $\pm$ 0.668 χ^2 /NDF:550.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -11.708 $\pm$ 0.489 χ^2 /NDF: 783.7/28

reg_asym_usl_atl1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -11.933+/-0.045 χ^2/NDF : 560545.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.881+/-0.047 χ^2/NDF : 491838.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

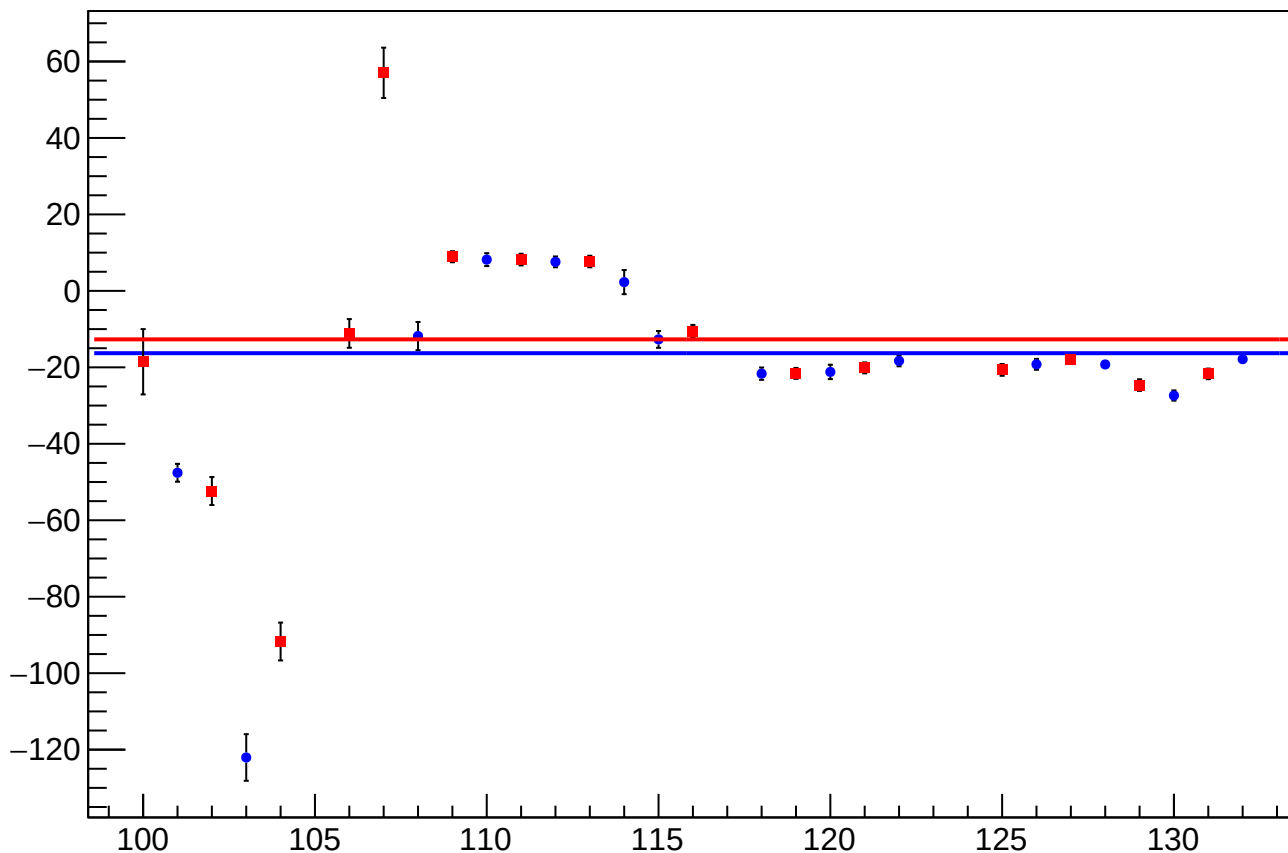
Right: -13.839+/-0.032 χ^2/NDF : 1056099.0/28

In: -11.933+/-0.045 χ^2/NDF : 560545.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.839+/-0.032 χ^2/NDF : 1056099.0/28

reg_asym_usl_atl1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -16.299 ± 0.447 χ^2/NDF : 1115.7/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -12.684 ± 0.450 χ^2/NDF : 1294.0/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

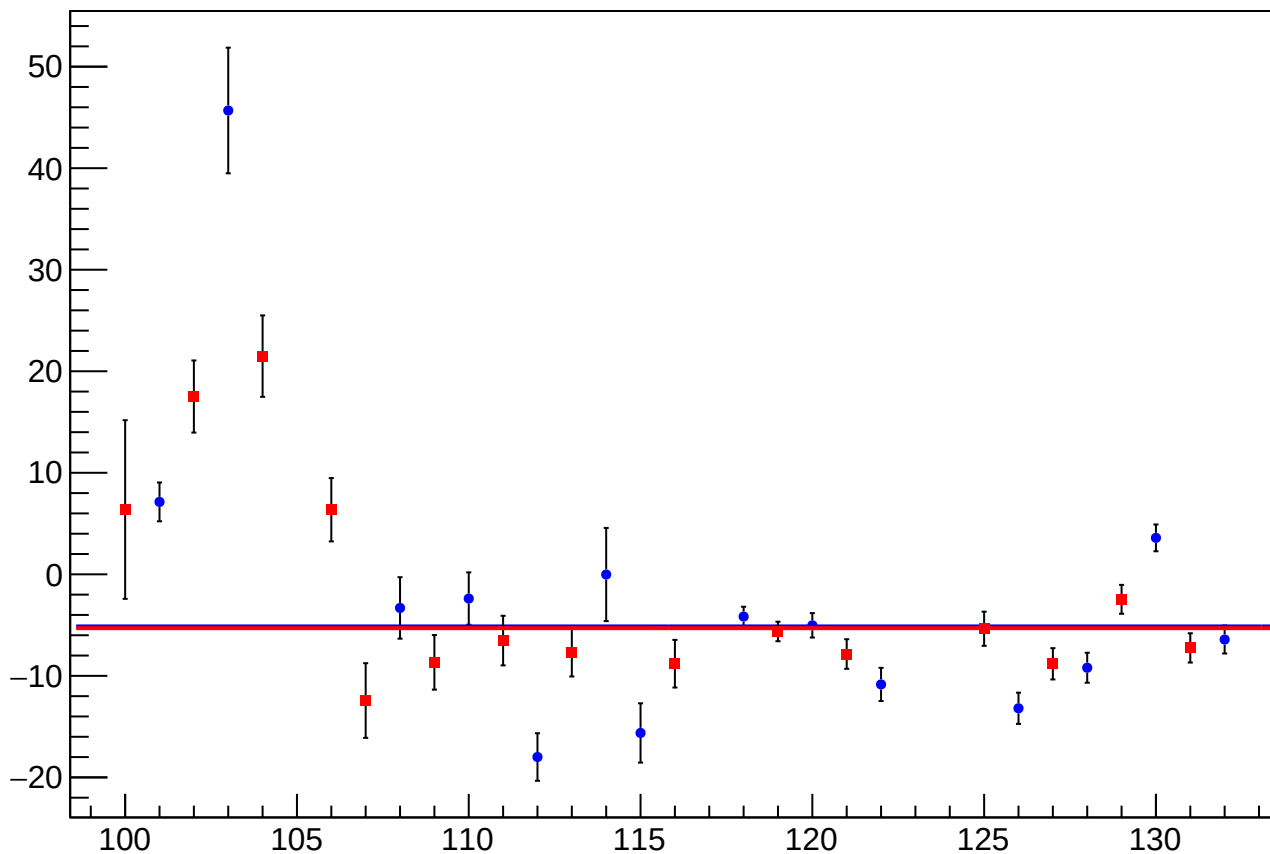
Right: -14.506 ± 0.317 χ^2/NDF : 2442.2/28

In: -16.299 ± 0.447 χ^2/NDF : 1115.7/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -14.506 ± 0.317 χ^2/NDF : 2442.2/28

reg_asym_usl_atl1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.133+/-0.446 χ^2/NDF : 247.3/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -5.302+/-0.482 χ^2/NDF : 124.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

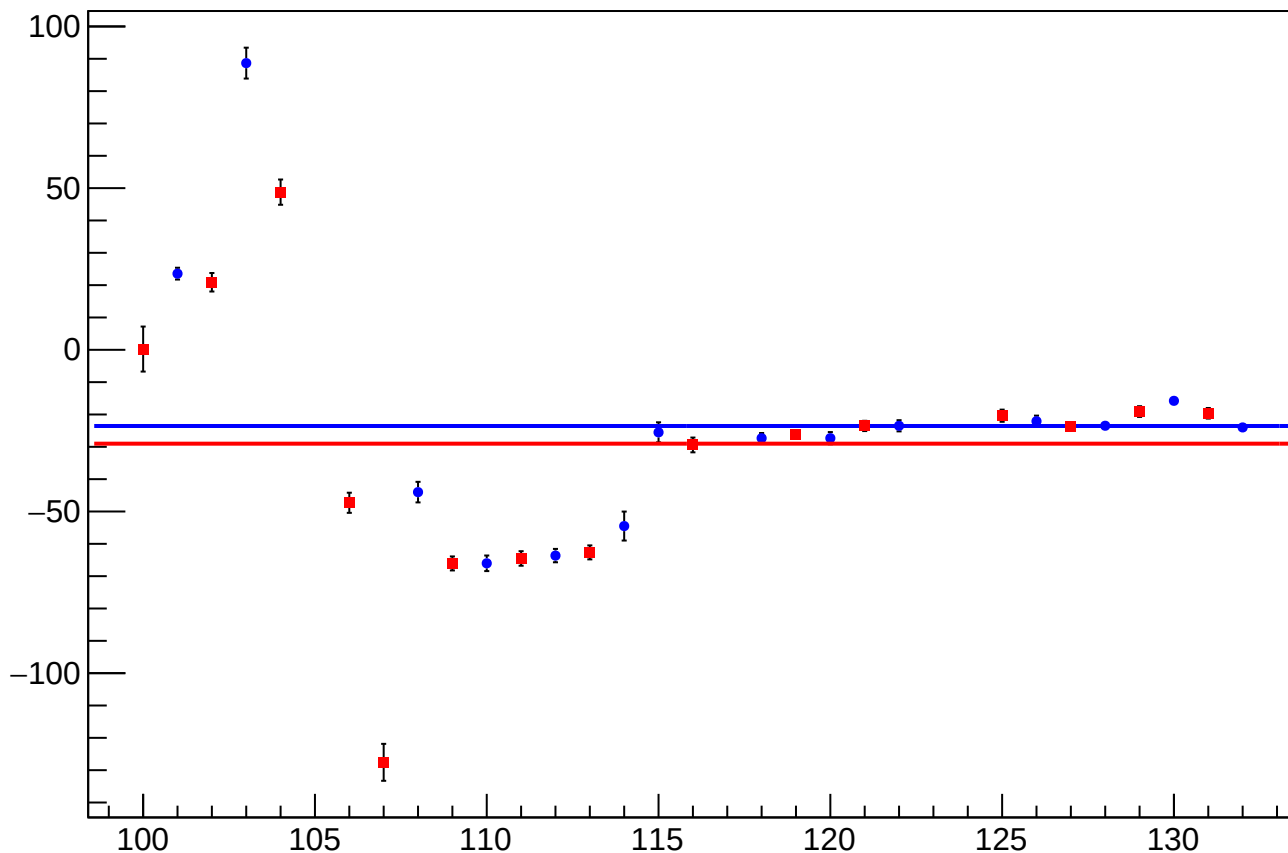
Right: -5.211+/-0.328 χ^2/NDF : 372.0/28

In: -5.133+/-0.446 χ^2/NDF :247.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.211+/-0.328 χ^2/NDF : 372.0/28

reg_asym_usl_atl1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -23.558 ± 0.516 χ^2/NDF : 2030.6/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -29.025 ± 0.539 χ^2/NDF : 1951.2/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

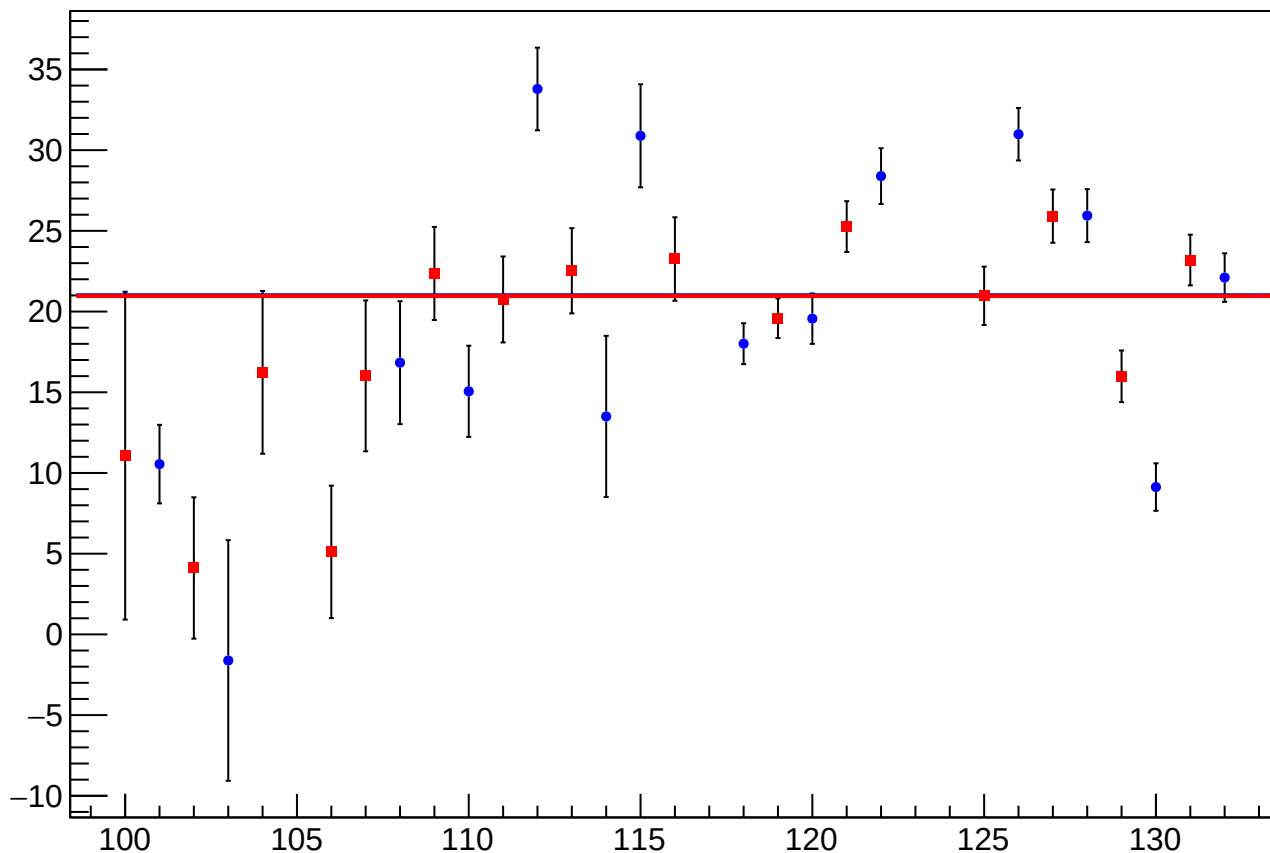
Right: -26.172 ± 0.373 χ^2/NDF : 4035.4/28

In: -23.558 ± 0.516 χ^2/NDF : 2030.6/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -26.172 ± 0.373 χ^2/NDF : 4035.4/28

reg_asym_usl_atl1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 21.011+/-0.520 χ^2/NDF : 207.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.959+/-0.551 χ^2/NDF : 63.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

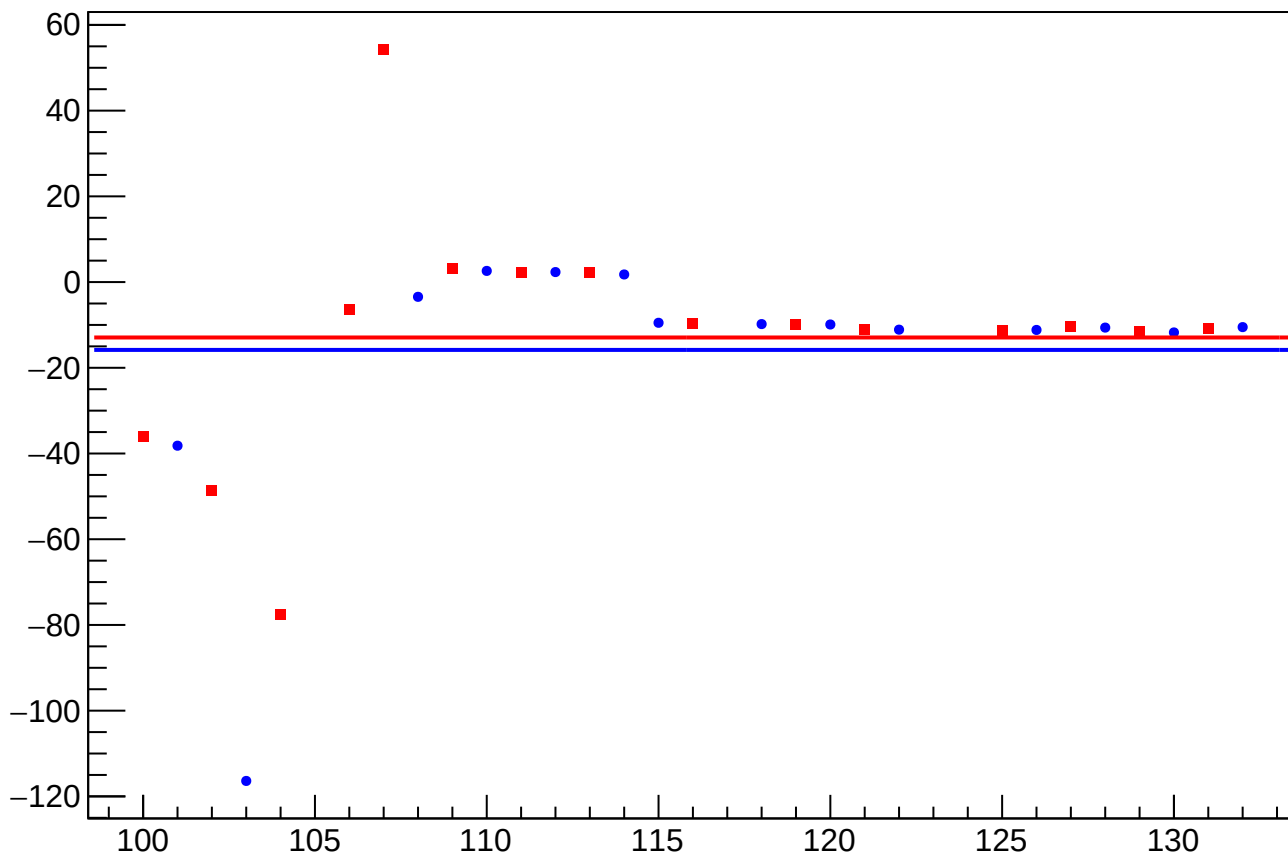
Right: 20.987+/-0.378 χ^2/NDF : 270.8/28

In: 21.011+/-0.520 χ^2/NDF : 207.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.987+/-0.378 χ^2/NDF : 270.8/28

reg_asym_usl_atl1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -15.830 $\pm$ 0.038 χ^2 /NDF: 333141.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -12.929 $\pm$ 0.039 χ^2 /NDF: 311053.1/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

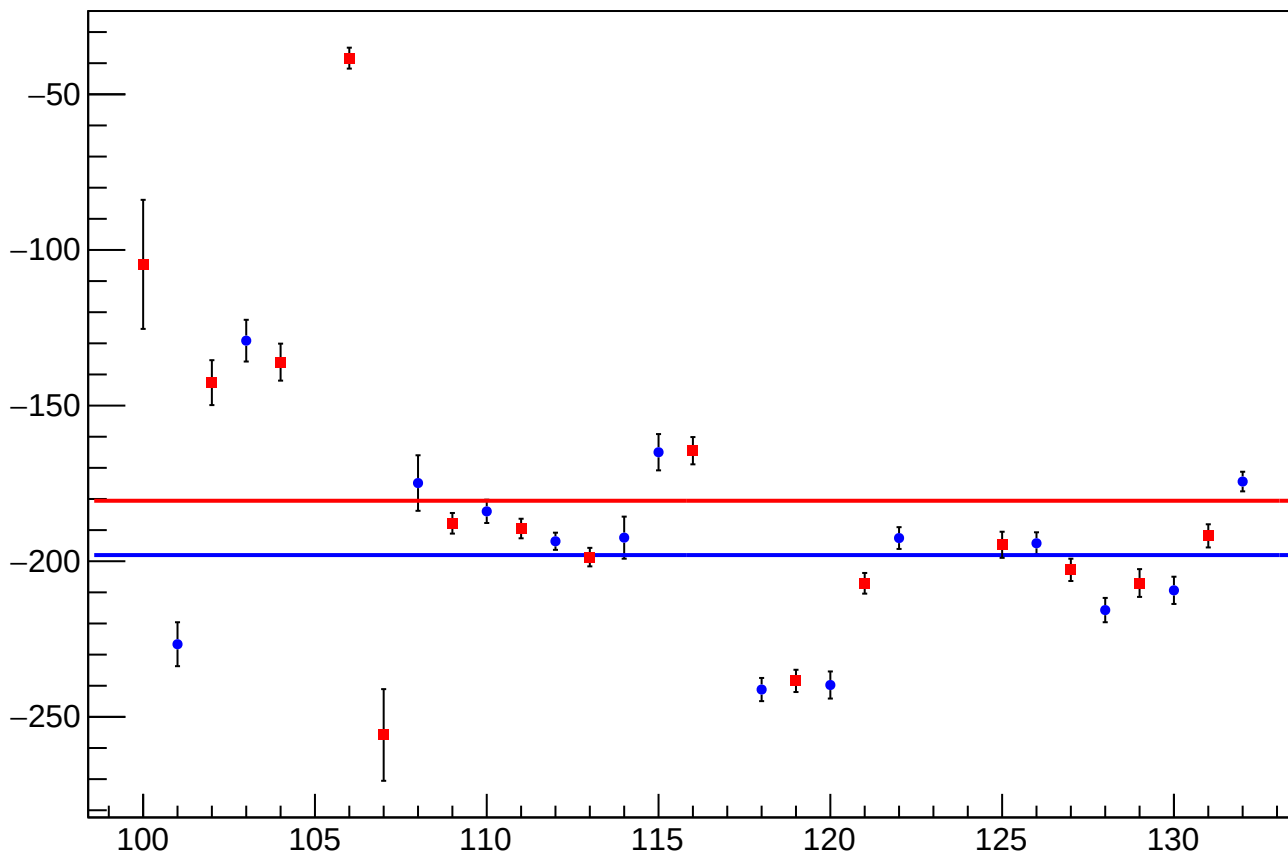
Right: -14.412 $\pm$ 0.027 χ^2 /NDF: 647010.0/28

In: -15.830 $\pm$ 0.038 χ^2 /NDF:333141.5/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -14.412 $\pm$ 0.027 χ^2 /NDF: 647010.0/28

reg_asym_usl_atl2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -198.021+/-1.108 χ^2/NDF : 491.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -180.570+/-1.039 χ^2/NDF : 2393.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

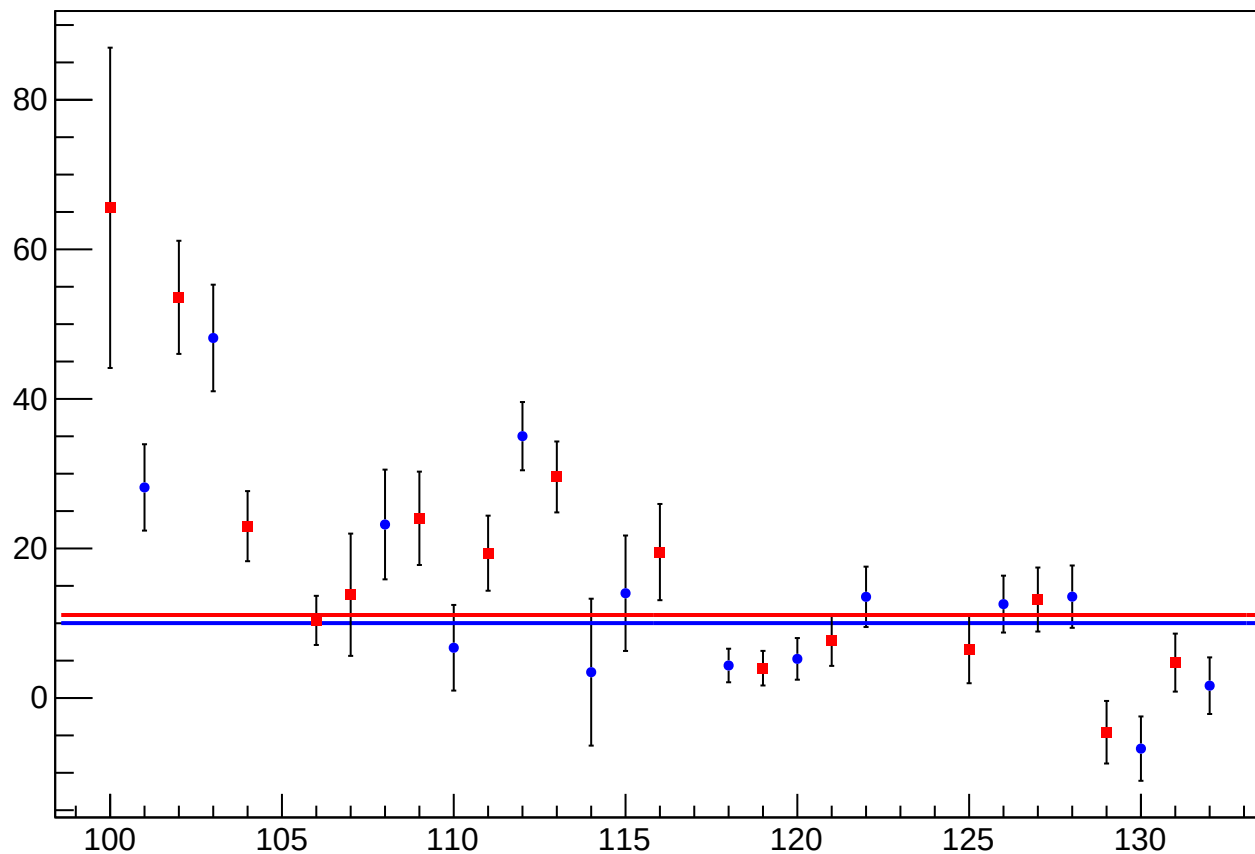
Right: -188.736+/-0.758 χ^2/NDF : 3017.4/28

In: -198.021+/-1.108 χ^2/NDF : 491.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -188.736+/-0.758 χ^2/NDF : 3017.4/28

reg_asym_usl_atl2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.020+/-1.109 χ^2/NDF : 104.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.103+/-1.112 χ^2/NDF : 96.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

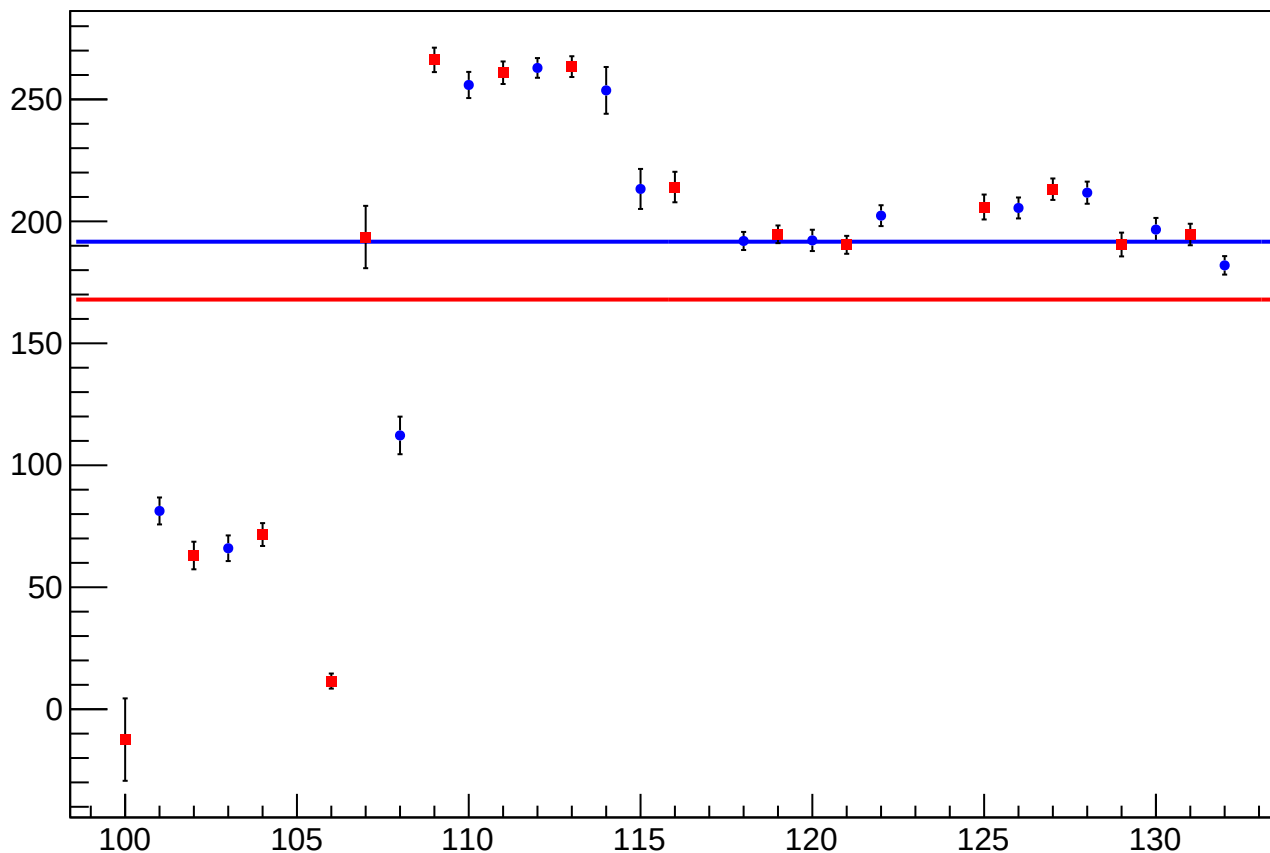
Right: 10.560+/-0.785 χ^2/NDF : 201.5/28

In: 10.020+/-1.109 χ^2/NDF : 104.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.560+/-0.785 χ^2/NDF : 201.5/28

reg_asym_usl_atl2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 191.663+/-1.287 χ^2/NDF : 1624.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.940+/-1.201 χ^2/NDF : 5108.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

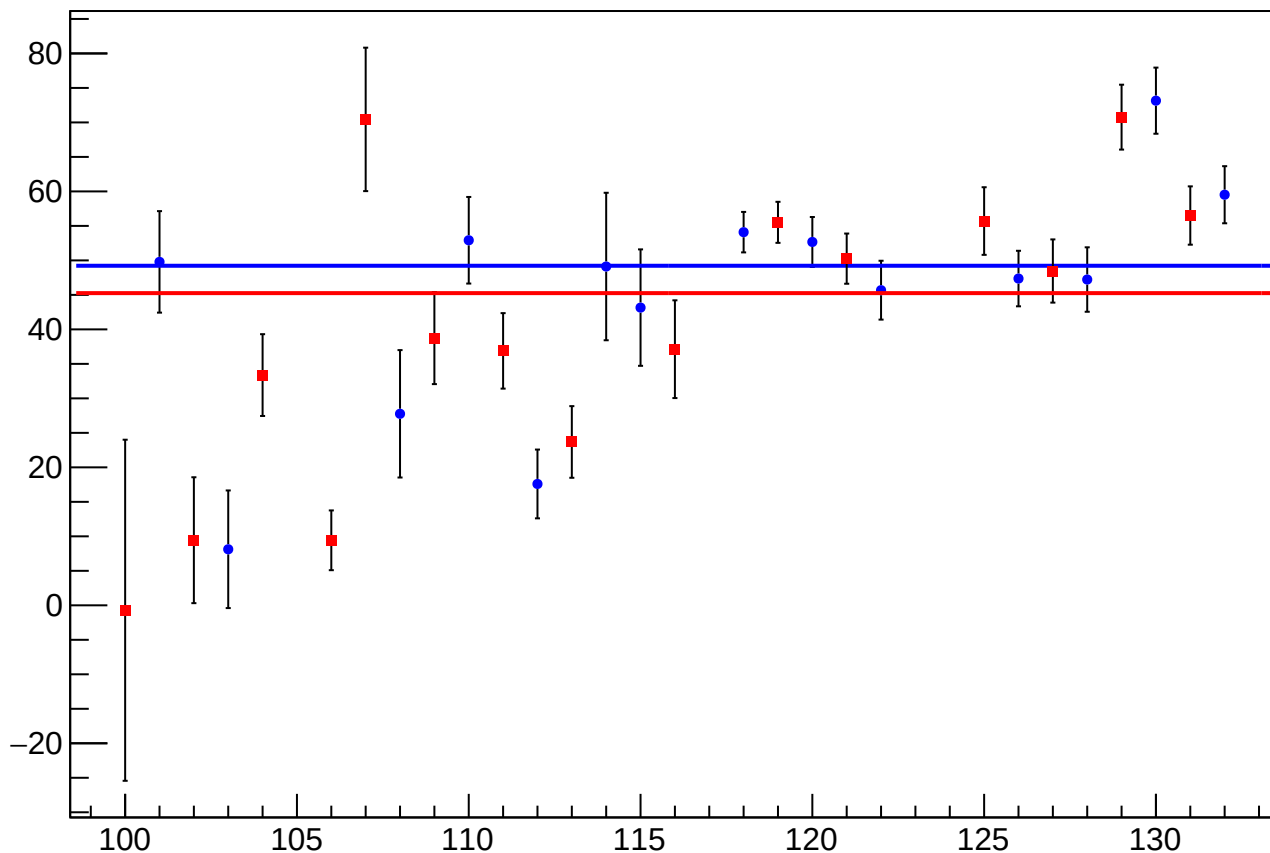
Right: 178.987+/-0.878 χ^2/NDF : 6914.4/28

In: 191.663+/-1.287 χ^2/NDF : 1624.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.987+/-0.878 χ^2/NDF : 6914.4/28

reg_asym_usl_atl2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 49.223+/-1.303 χ^2 /NDF: 105.6/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 45.256+/-1.295 χ^2 /NDF: 174.4/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

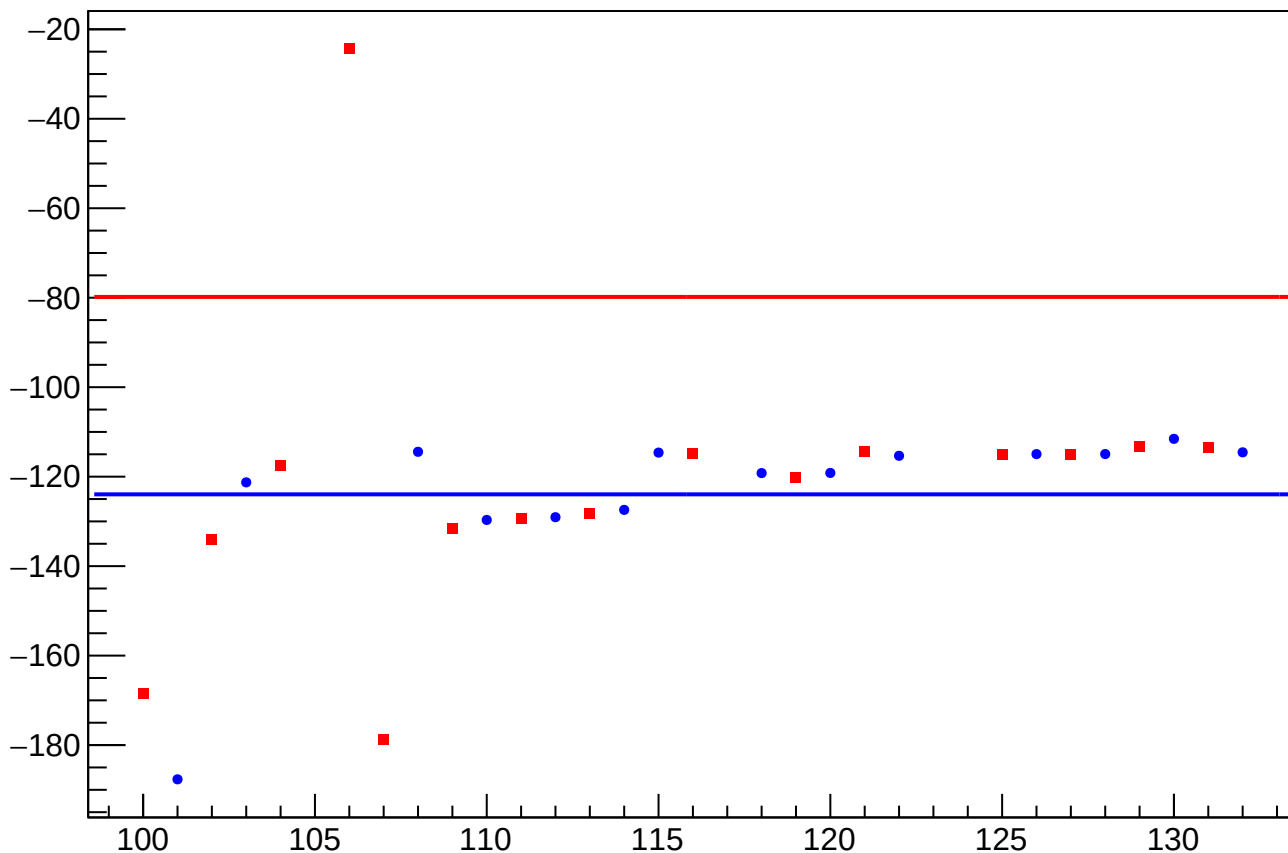
Right: 47.227+/-0.918 χ^2 /NDF: 284.6/28

In: 49.223+/-1.303 χ^2 /NDF:105.6/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 47.227+/-0.918 χ^2 /NDF: 284.6/28

reg_asym_usl_atl2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -123.951+/-0.091 χ^2/NDF : 43341.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -79.820+/-0.068 χ^2/NDF : 552704.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

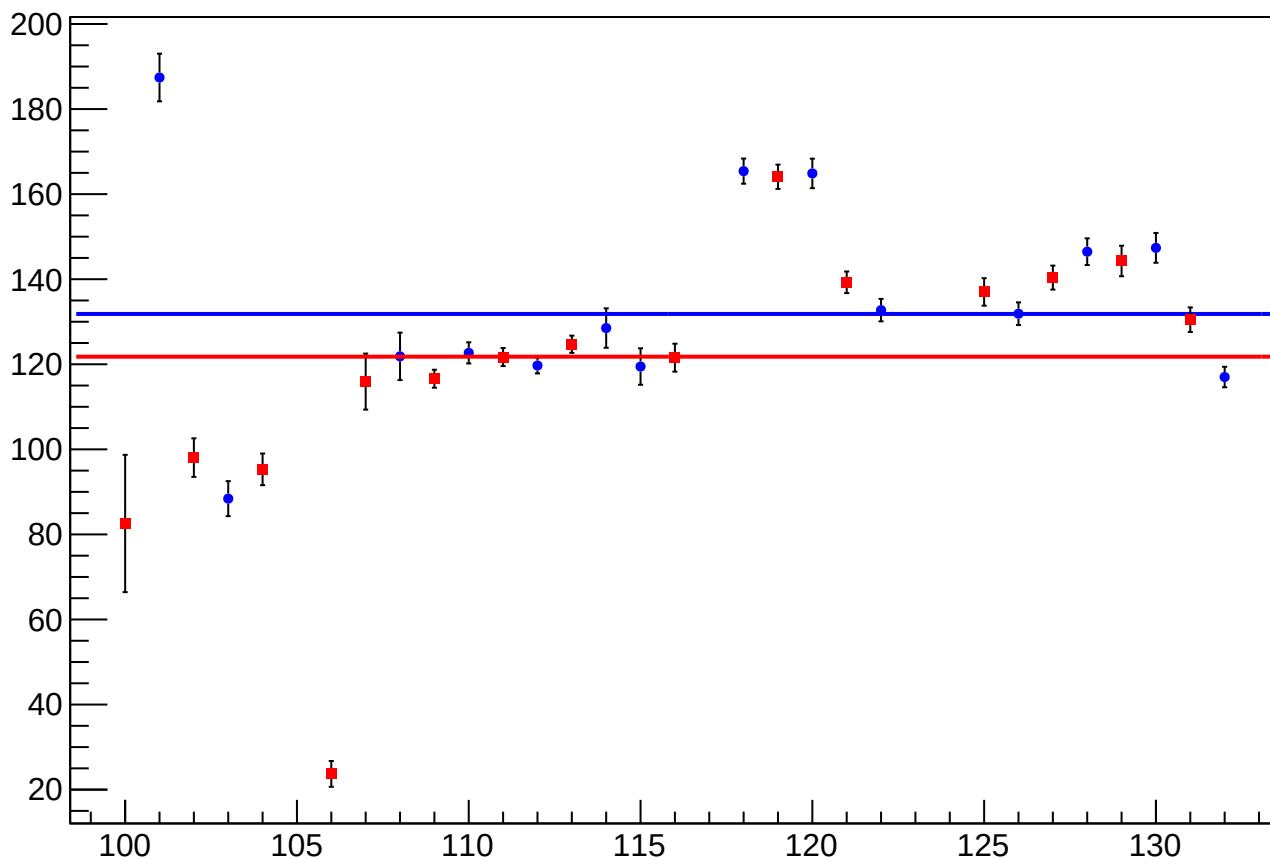
Right: -95.658+/-0.054 χ^2/NDF : 747824.1/28

In: -123.951+/-0.091 χ^2/NDF : 43341.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -95.658+/-0.054 χ^2/NDF : 747824.1/28

reg_asym_usl_atl2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 131.834 $\pm$ 0.813 χ^2 /NDF: 577.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 121.788 $\pm$ 0.759 χ^2 /NDF: 1520.7/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

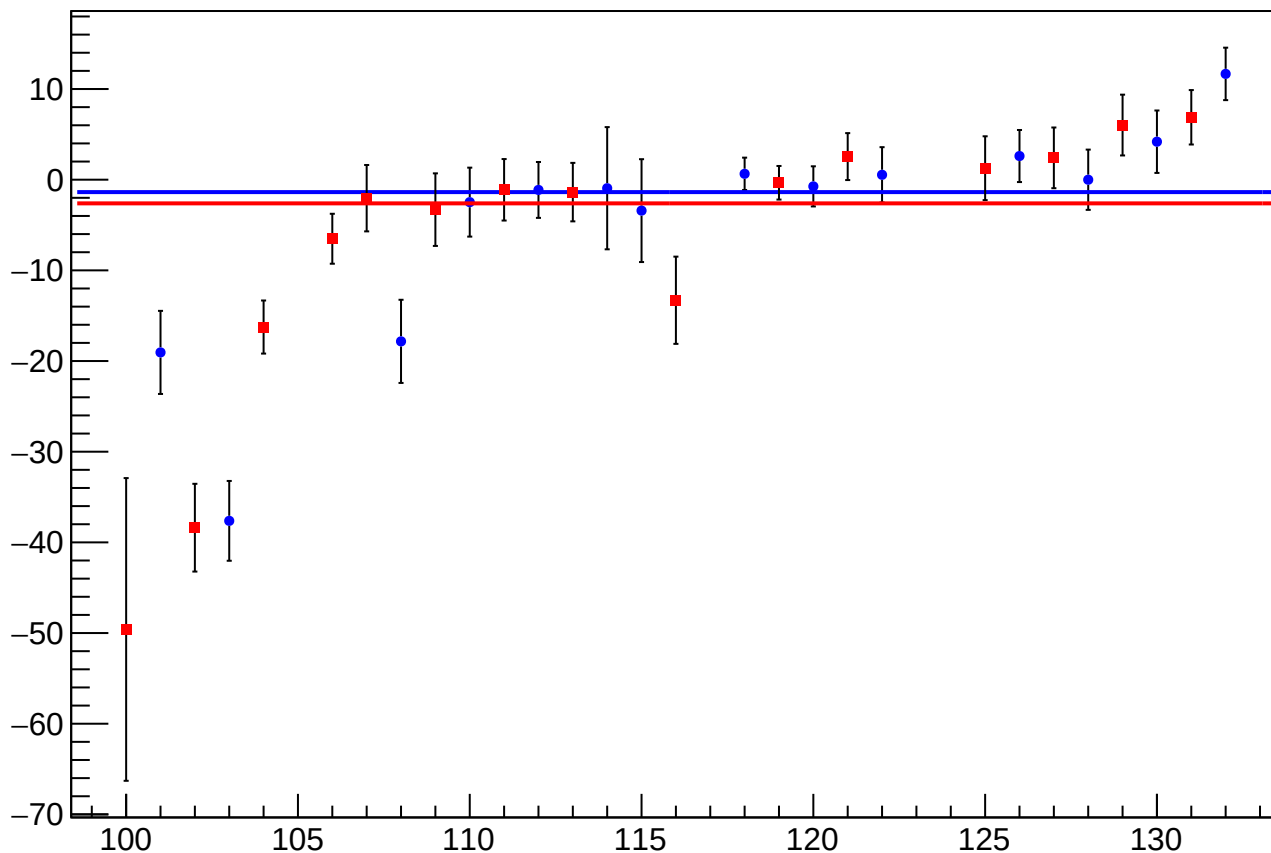
Right: 126.462 $\pm$ 0.555 χ^2 /NDF: 2179.4/28

In: 131.834 $\pm$ 0.813 χ^2 /NDF:577.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 126.462 $\pm$ 0.555 χ^2 /NDF: 2179.4/28

reg_asym_usl_atl2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.370 ± 0.840 χ^2/NDF : 122.6/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.612 ± 0.825 χ^2/NDF : 117.2/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

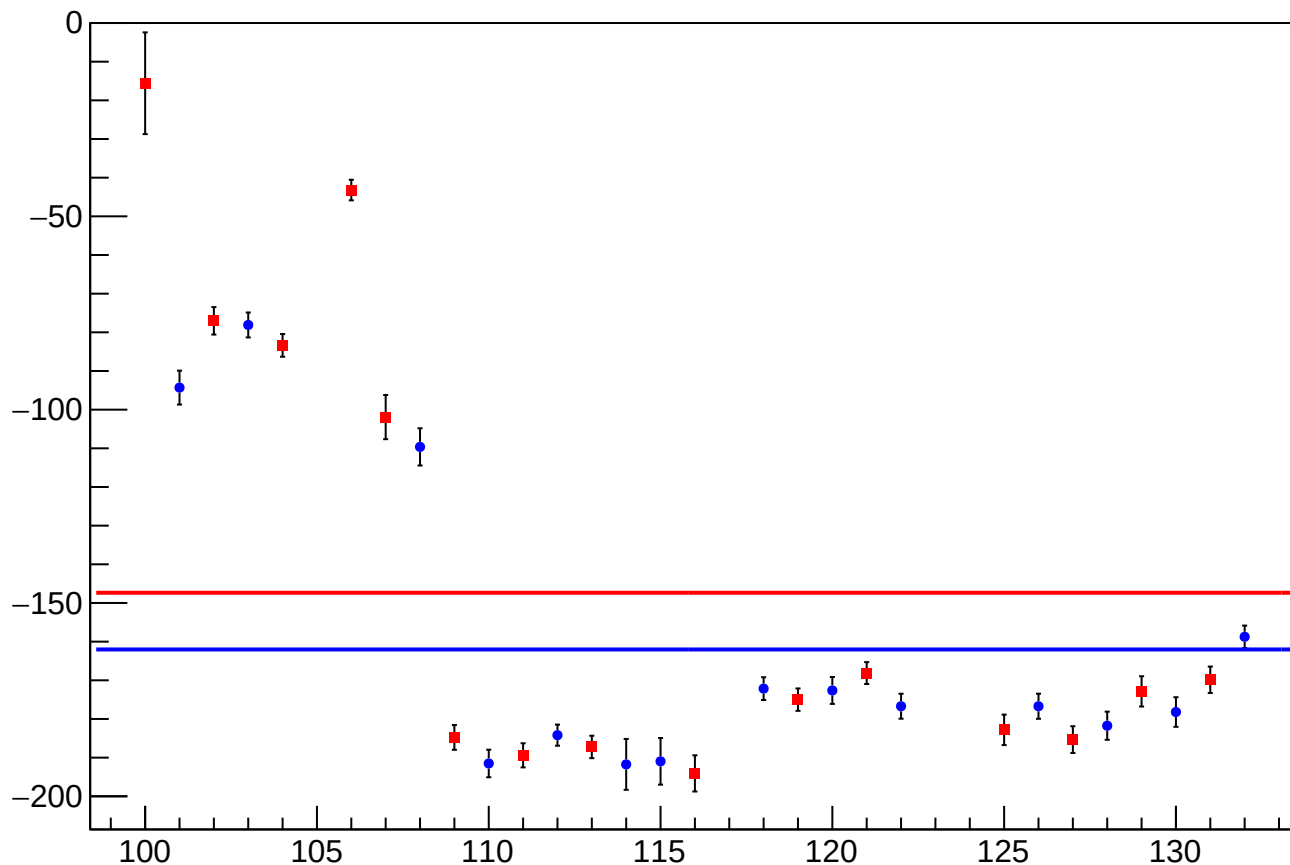
Right: -2.002 ± 0.589 χ^2/NDF : 240.9/28

In: -1.370 ± 0.840 χ^2/NDF : 122.6/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.002 ± 0.589 χ^2/NDF : 240.9/28

reg_asym_usl_atl2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -162.022+/-0.951 χ^2 /NDF: 1321.5/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -147.356+/-0.884 χ^2 /NDF: 3598.9/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

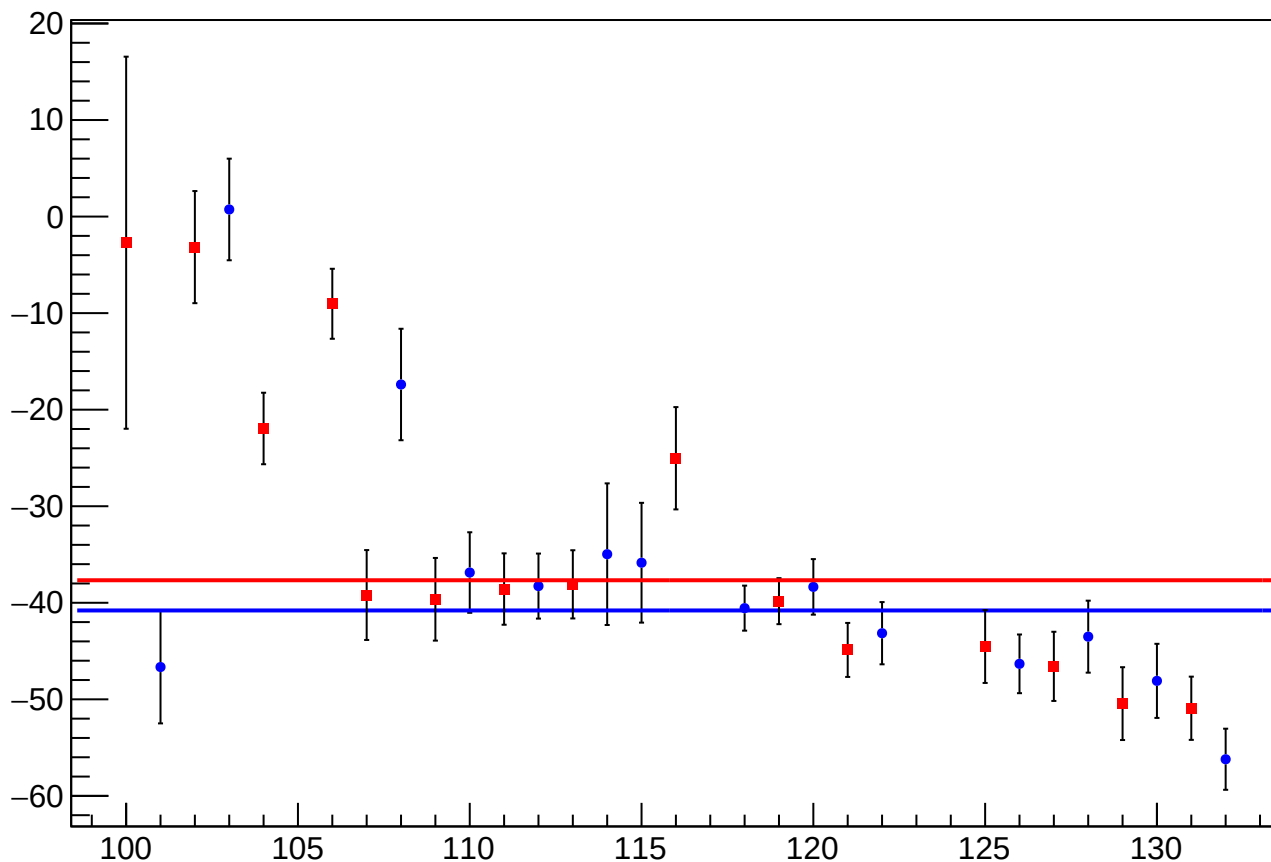
Right: -154.153+/-0.647 χ^2 /NDF: 5048.1/28

In: -162.022+/-0.951 χ^2 /NDF:1321.5/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -154.153+/-0.647 χ^2 /NDF: 5048.1/28

reg_asym_usl_atl2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -40.795+/-0.983 χ^2/NDF : 114.9/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -37.667+/-0.959 χ^2/NDF : 170.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

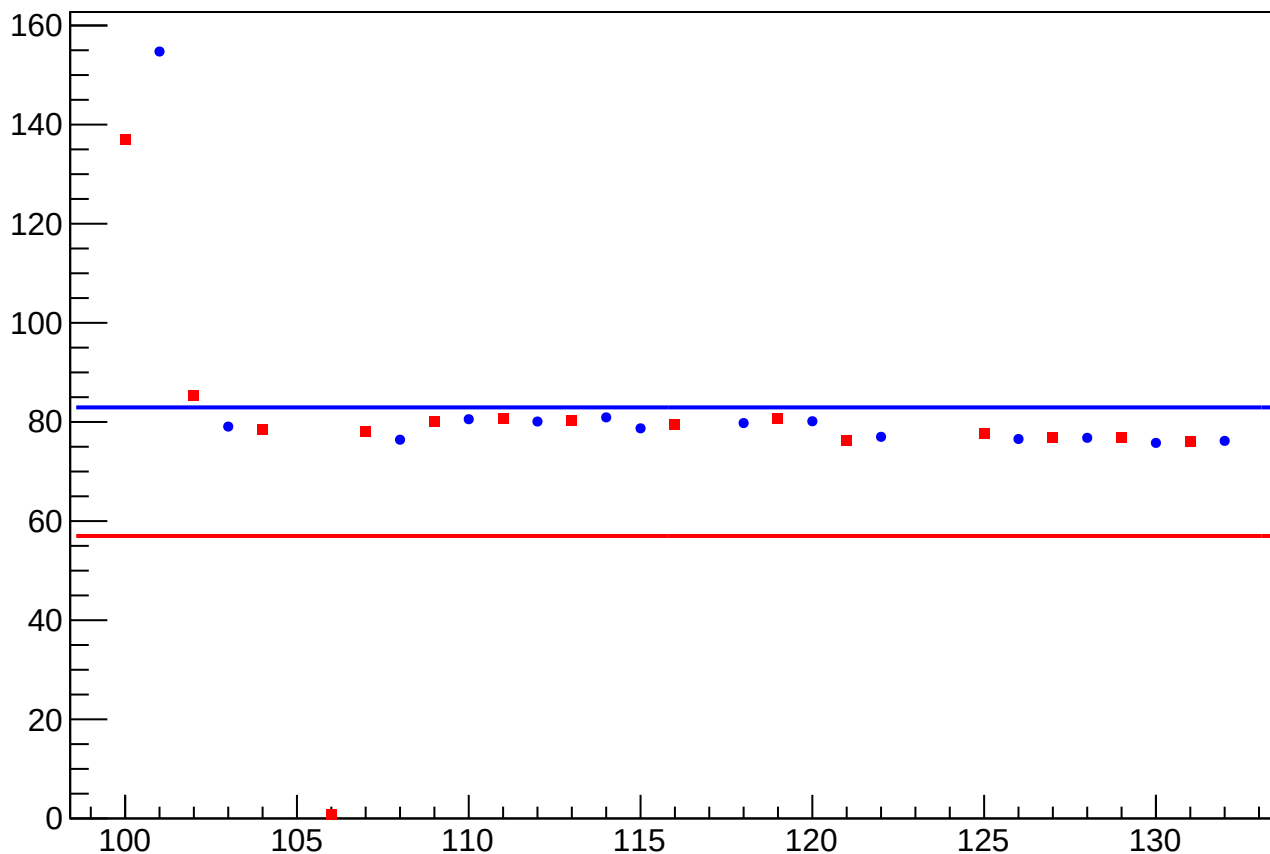
Right: -39.193+/-0.687 χ^2/NDF : 290.0/28

In: -40.795+/-0.983 χ^2/NDF :114.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -39.193+/-0.687 χ^2/NDF : 290.0/28

reg_asym_usl_atl2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 82.941+/-0.065 χ^2/NDF : 80634.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.998+/-0.052 χ^2/NDF : 488659.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

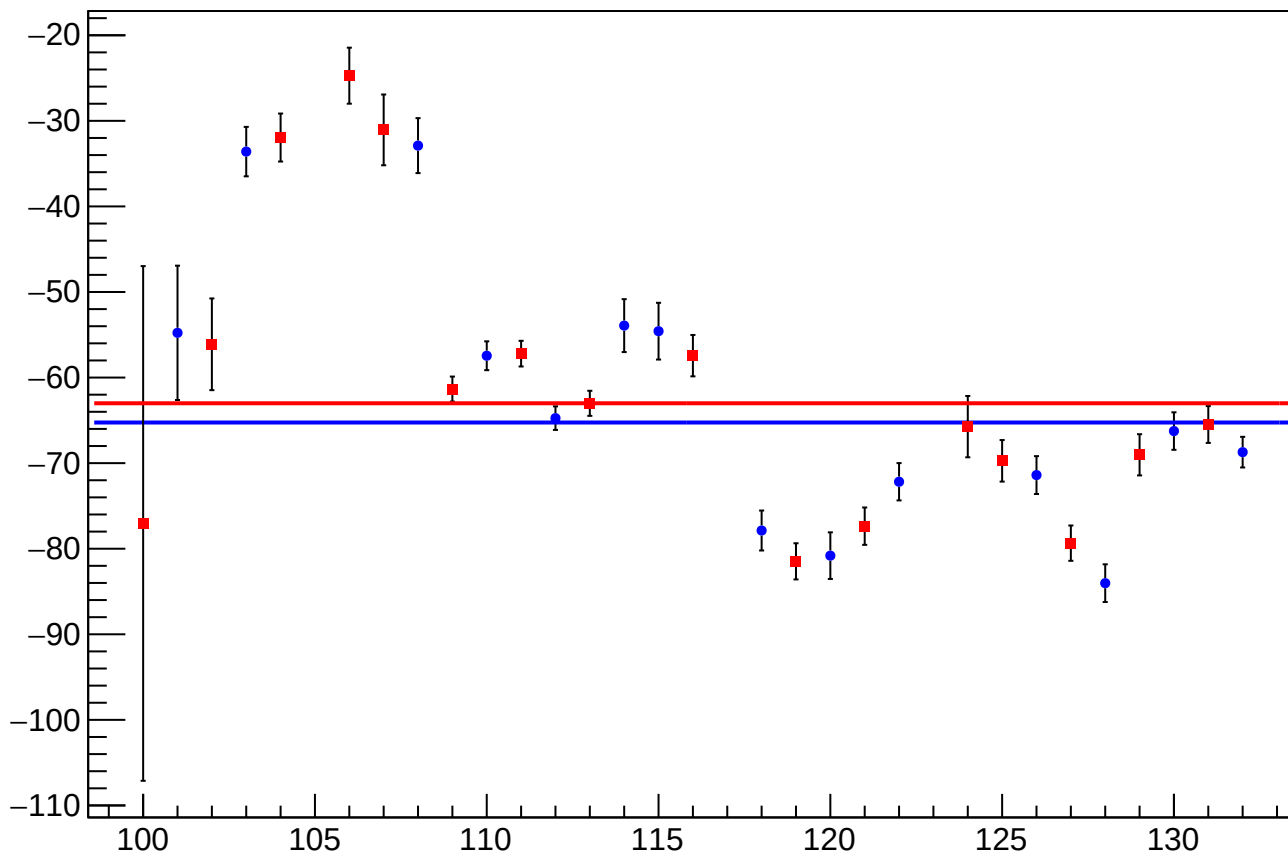
Right: 67.234+/-0.041 χ^2/NDF : 666878.1/28

In: 82.941+/-0.065 χ^2/NDF : 80634.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.234+/-0.041 χ^2/NDF : 666878.1/28

reg_asym_usr_atr1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -65.253+/-0.601 χ^2/NDF : 424.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -63.003+/-0.562 χ^2/NDF : 540.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

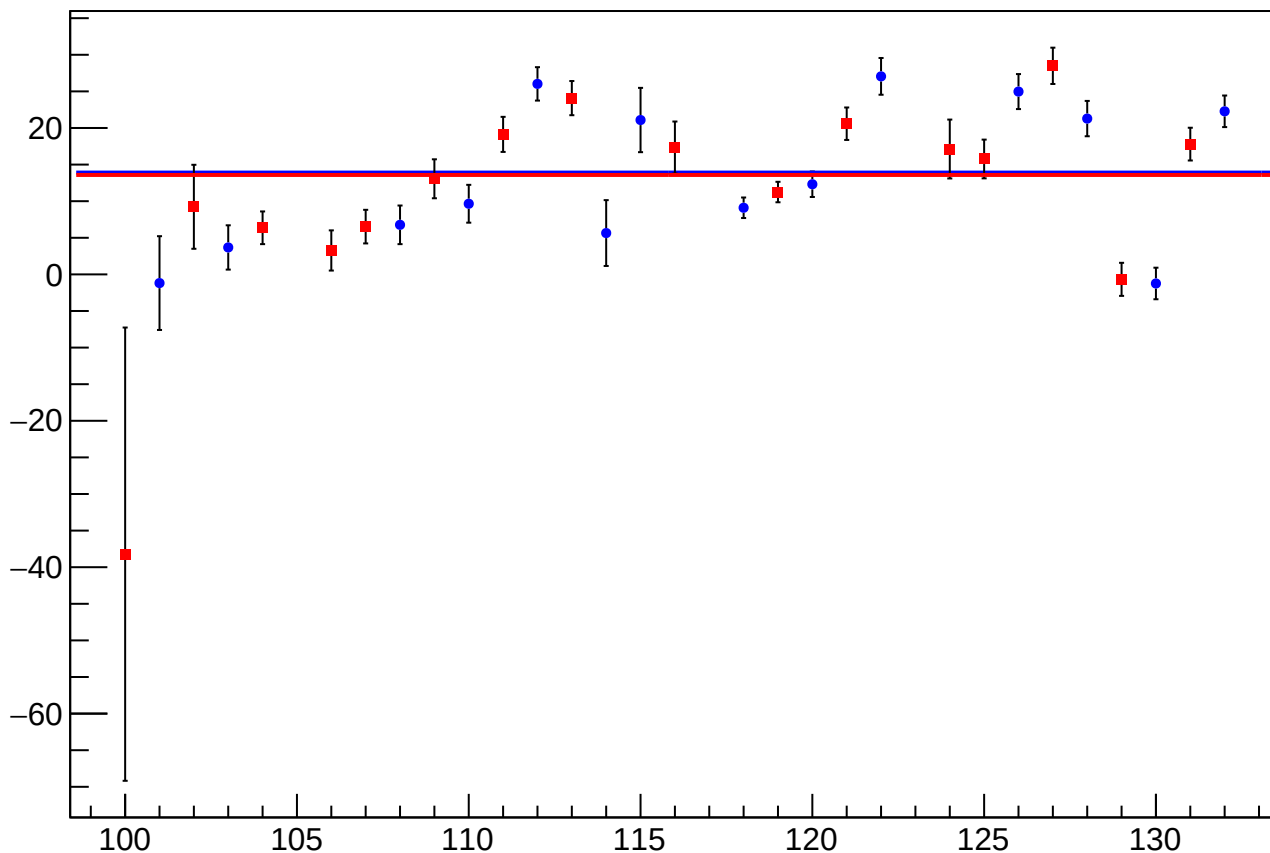
Right: -64.051+/-0.410 χ^2/NDF : 973.0/29

In: -65.253+/-0.601 χ^2/NDF :424.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -64.051+/-0.410 χ^2/NDF : 973.0/29

reg_asym_usr_atr1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.907+/-0.633 χ^2/NDF : 196.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.585+/-0.619 χ^2/NDF : 157.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

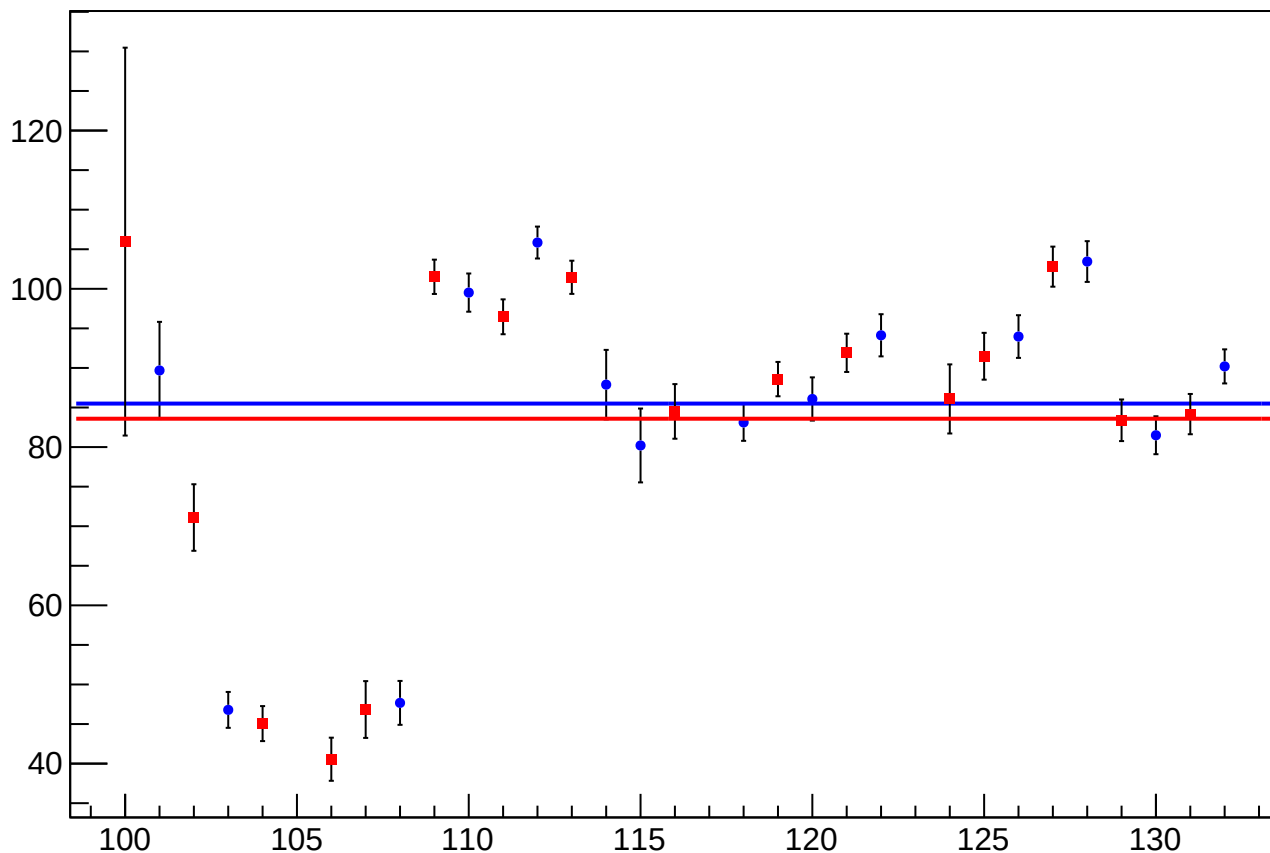
Right: 13.742+/-0.443 χ^2/NDF : 354.5/29

In: 13.907+/-0.633 χ^2/NDF : 196.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.742+/-0.443 χ^2/NDF : 354.5/29

reg_asym_usr_atr1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 85.497+/-0.706 χ^2/NDF : 692.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.584+/-0.673 χ^2/NDF : 924.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

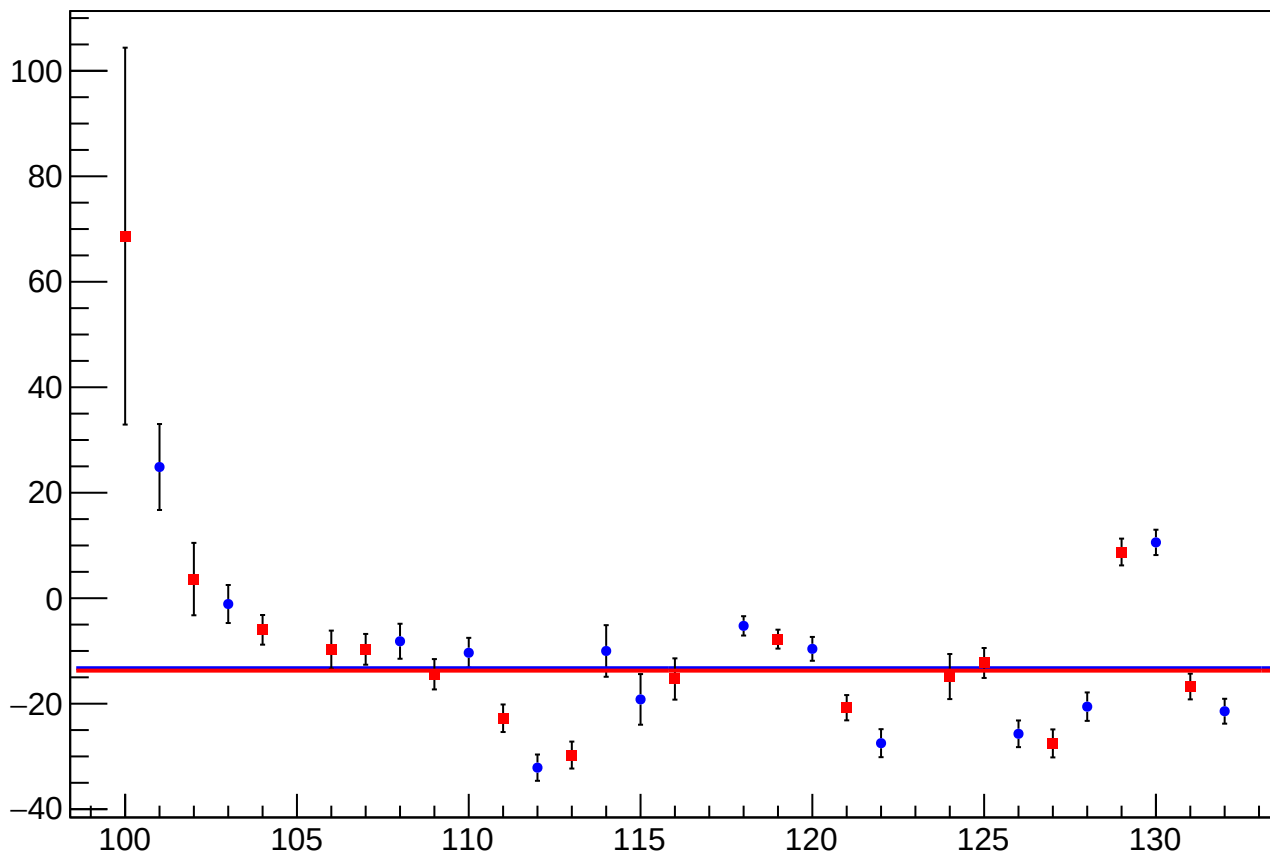
Right: 84.493+/-0.487 χ^2/NDF : 1620.9/29

In: 85.497+/-0.706 χ^2/NDF : 692.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.493+/-0.487 χ^2/NDF : 1620.9/29

reg_asym_usr_atr1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -13.274+/-0.738 χ^2/NDF : 288.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.730+/-0.715 χ^2/NDF : 200.8/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

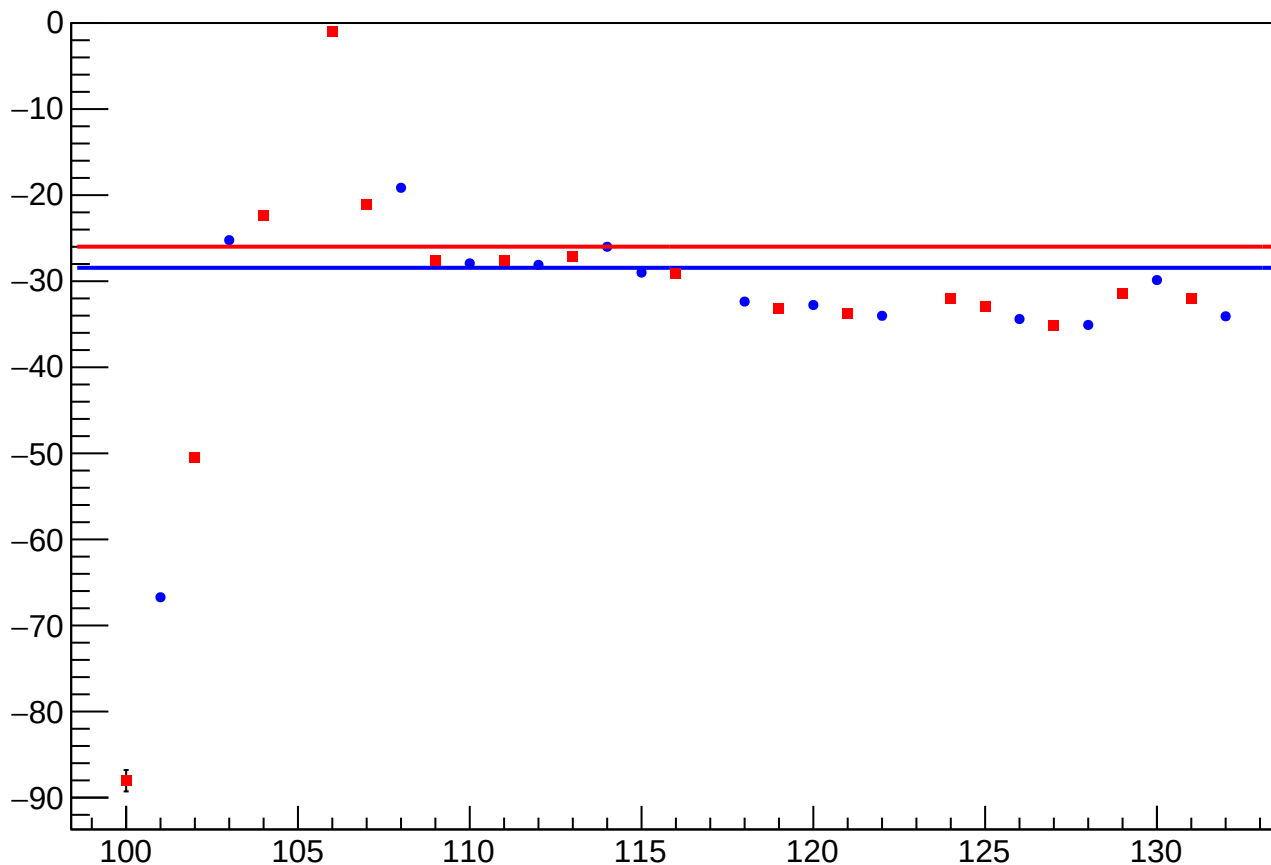
Right: -13.509+/-0.513 χ^2/NDF : 489.6/29

In: -13.274+/-0.738 χ^2/NDF : 288.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.509+/-0.513 χ^2/NDF : 489.6/29

reg_asym_usr_atr1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -28.443 $\pm$ 0.047 χ^2 /NDF: 23528.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -25.987 $\pm$ 0.044 χ^2 /NDF: 70848.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

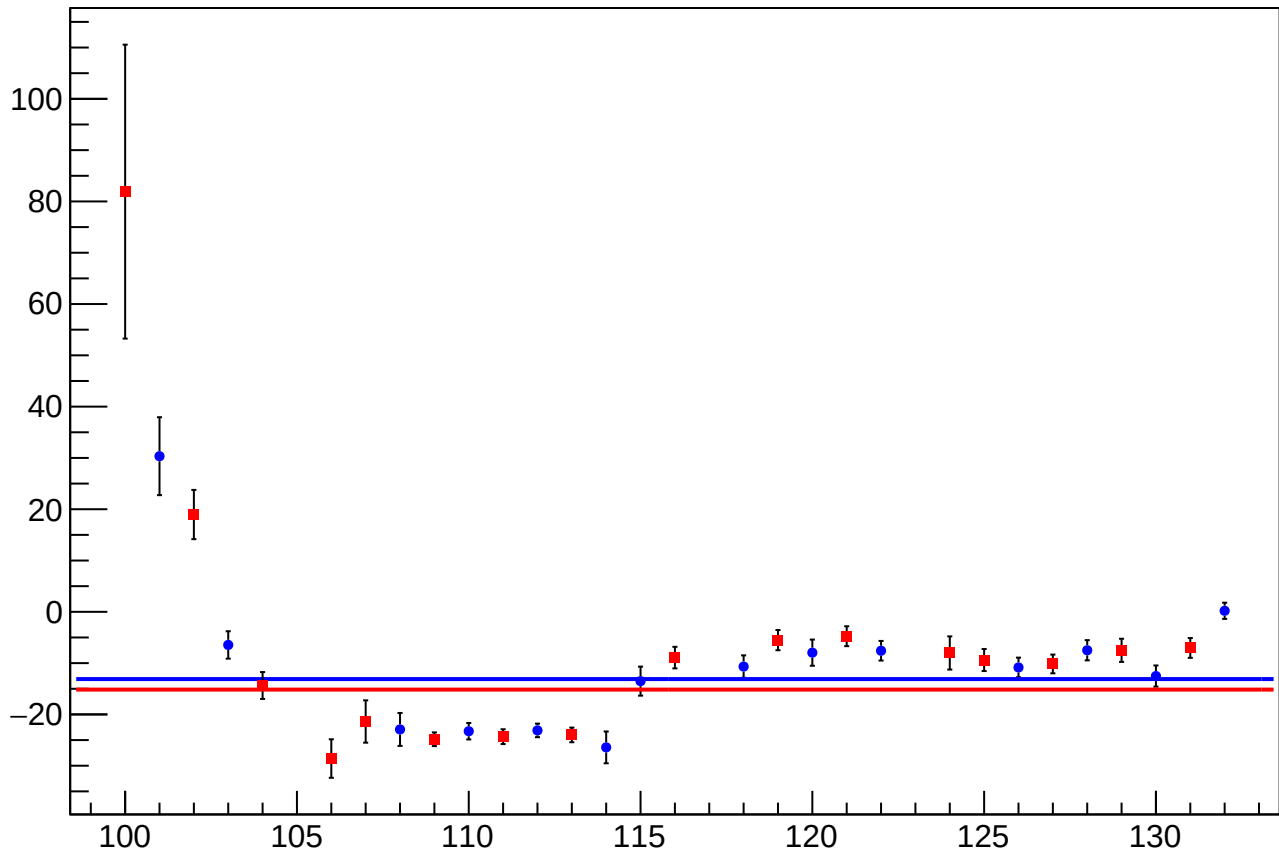
Right: -27.138 $\pm$ 0.032 χ^2 /NDF: 95841.0/29

In: -28.443 $\pm$ 0.047 χ^2 /NDF:23528.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -27.138 $\pm$ 0.032 χ^2 /NDF: 95841.0/29

reg_asym_usr_atr1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -13.108+/-0.555 χ^2/NDF : 258.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.161+/-0.521 χ^2/NDF : 319.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

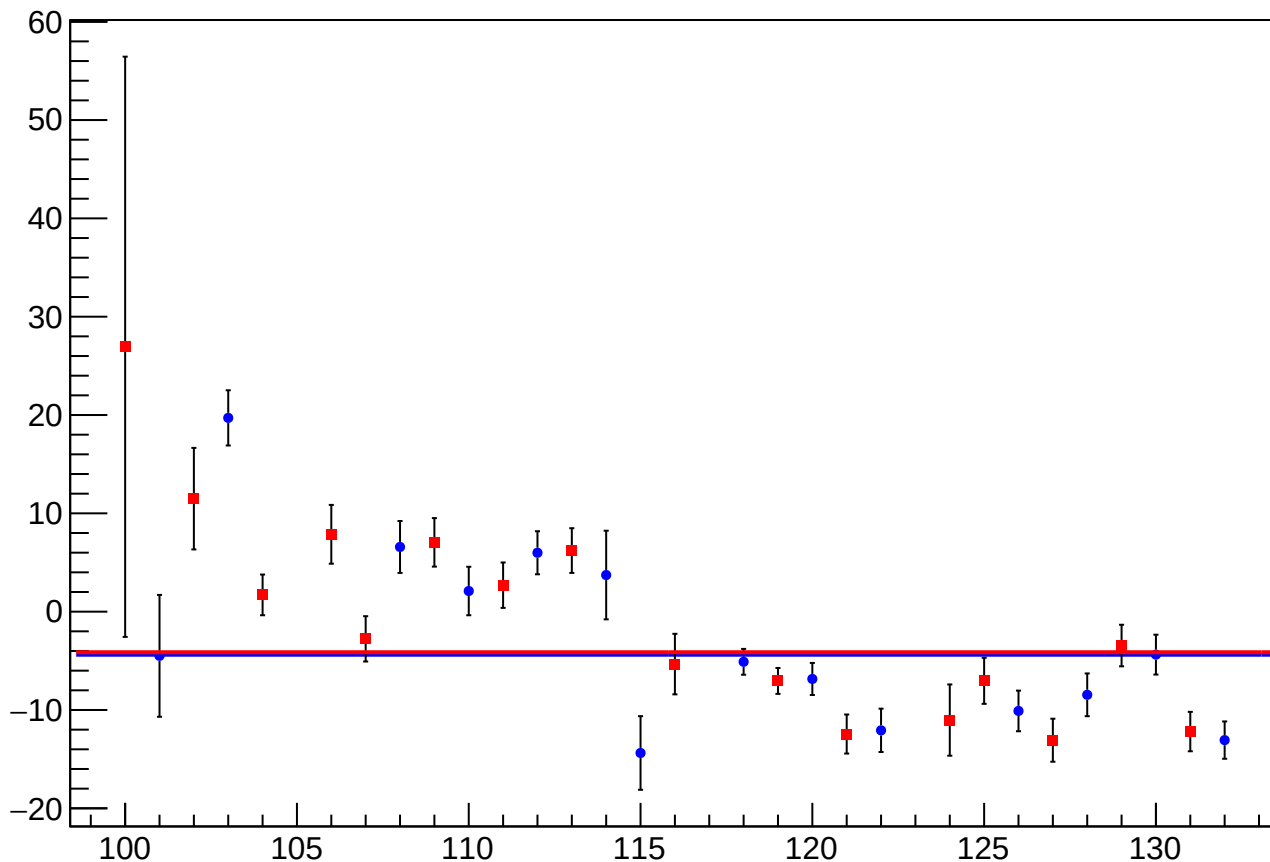
Right: -14.199+/-0.380 χ^2/NDF : 584.5/29

In: -13.108+/-0.555 χ^2/NDF : 258.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.199+/-0.380 χ^2/NDF : 584.5/29

reg_asym_usr_atr1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.378+/-0.585 χ^2/NDF : 177.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.127+/-0.578 χ^2/NDF : 145.4/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

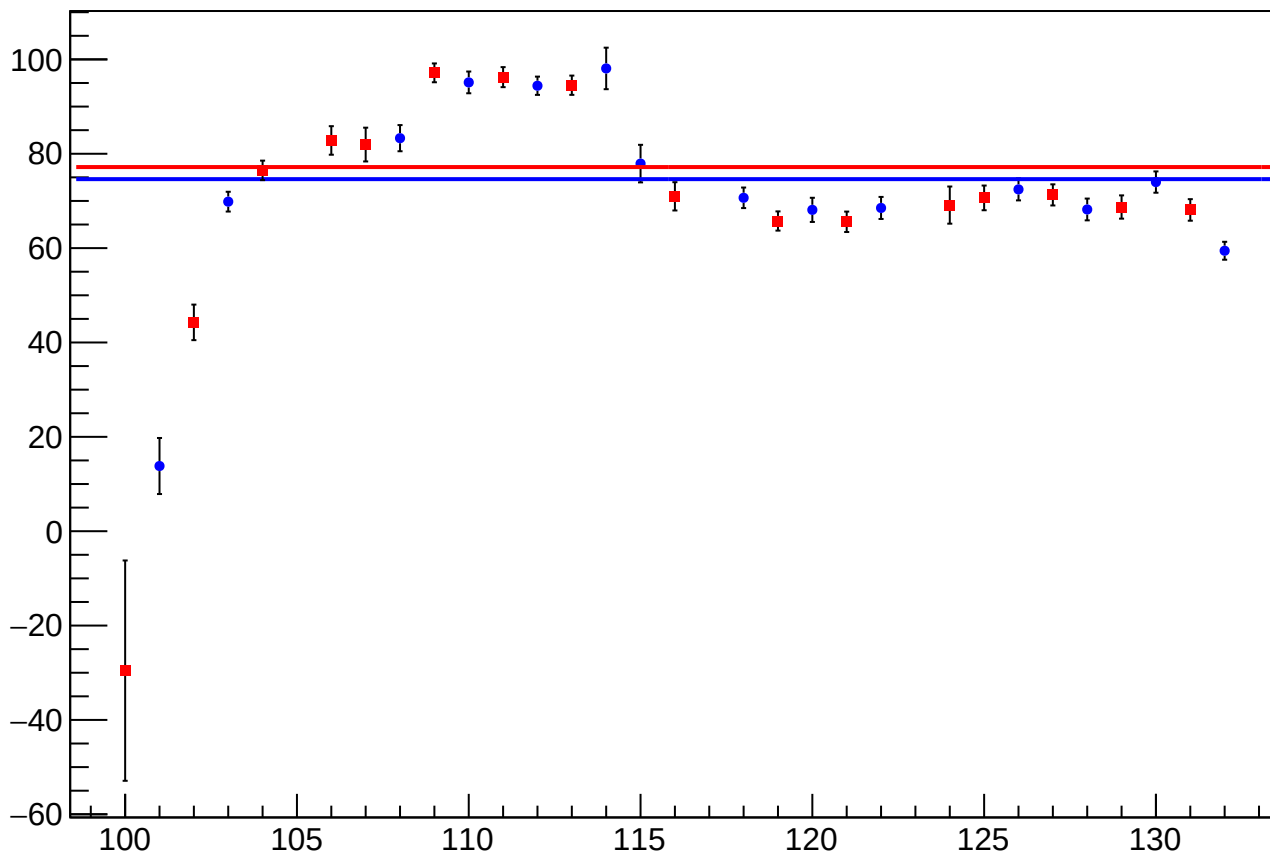
Right: -4.251+/-0.411 χ^2/NDF : 322.8/29

In: -4.378+/-0.585 χ^2/NDF :177.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.251+/-0.411 χ^2/NDF : 322.8/29

reg_asym_usr_atr1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.620 $\pm$ 0.653 χ^2 /NDF: 421.6/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 77.180 $\pm$ 0.628 χ^2 /NDF: 464.9/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

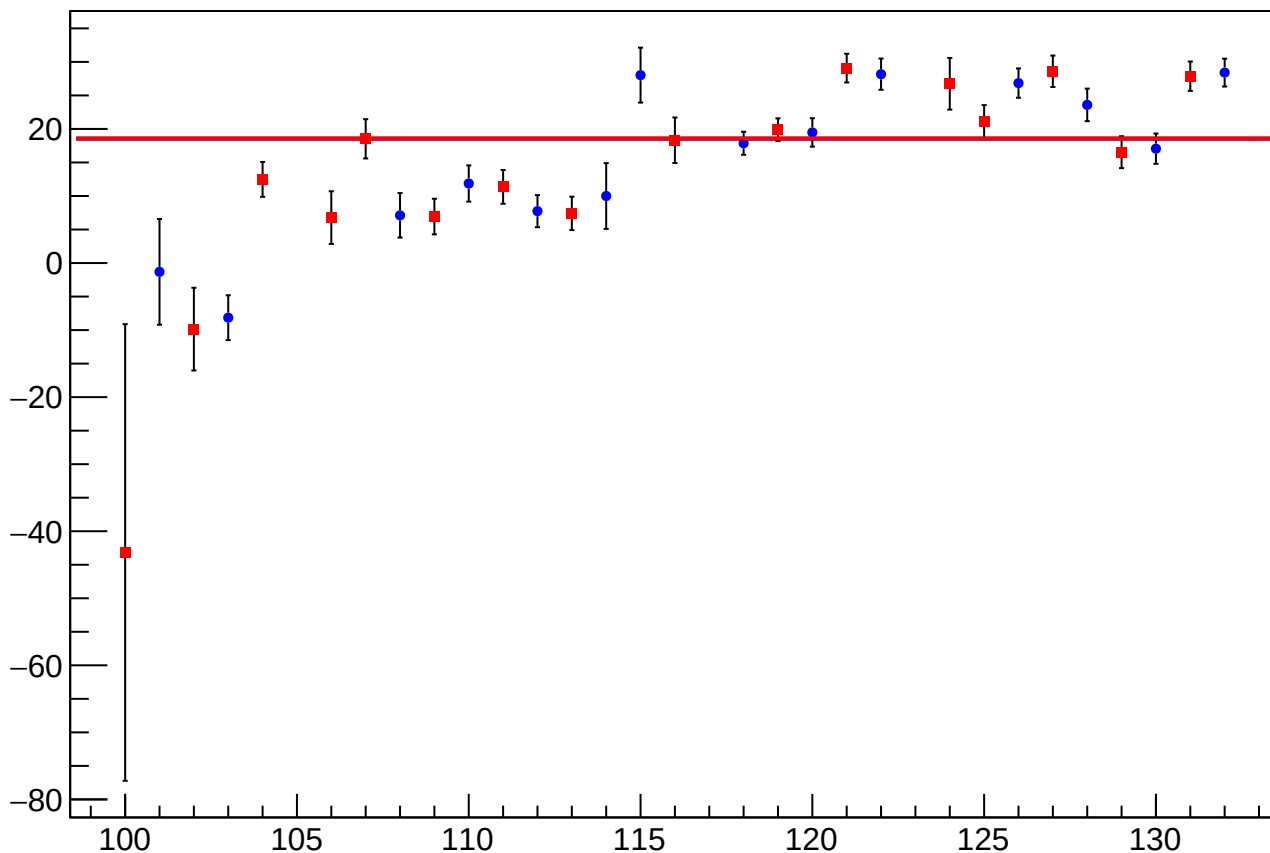
Right: 75.951 $\pm$ 0.452 χ^2 /NDF: 894.6/29

In: 74.620 $\pm$ 0.653 χ^2 /NDF:421.6/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 75.951 $\pm$ 0.452 χ^2 /NDF: 894.6/29

reg_asym_usr_atr1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 18.546+/-0.680 χ^2 /NDF: 175.9/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 18.583+/-0.664 χ^2 /NDF: 153.8/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

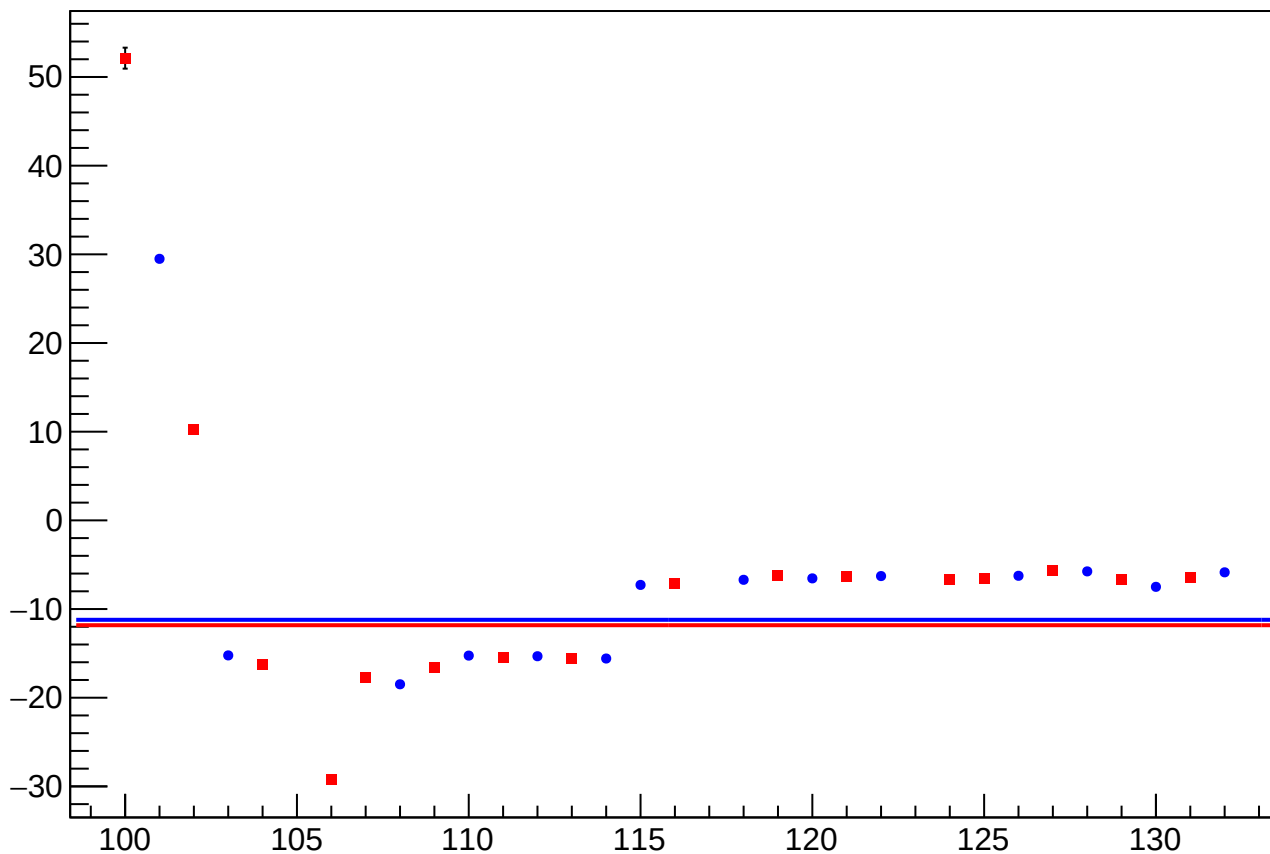
Right: 18.565+/-0.475 χ^2 /NDF: 329.7/29

In: 18.546+/-0.680 χ^2 /NDF:175.9/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 18.565+/-0.475 χ^2 /NDF: 329.7/29

reg_asym_usr_atr1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -11.214 $\pm$ 0.044 χ^2 /NDF: 26272.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -11.825 $\pm$ 0.042 χ^2 /NDF: 47432.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

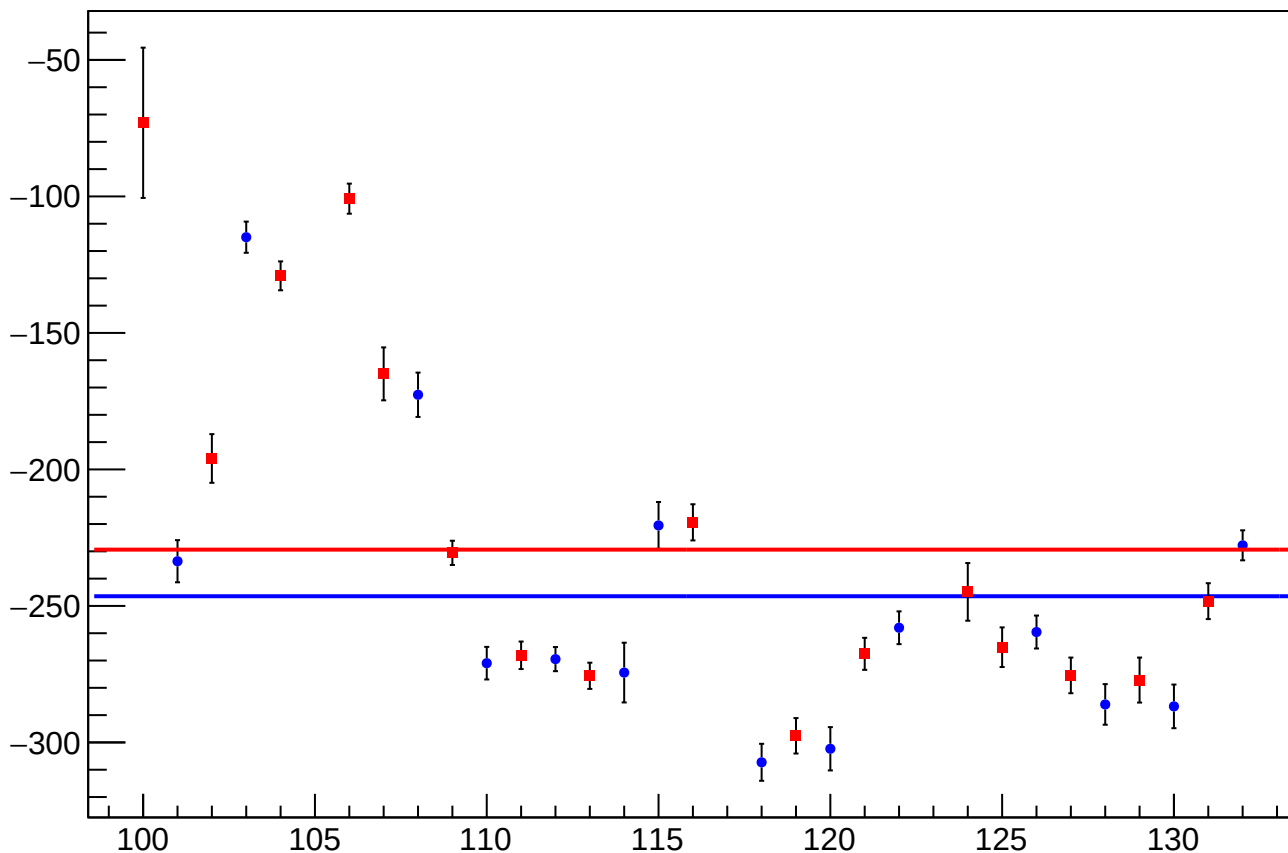
Right: -11.532 $\pm$ 0.030 χ^2 /NDF: 73806.3/29

In: -11.214 $\pm$ 0.044 χ^2 /NDF:26272.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -11.532 $\pm$ 0.030 χ^2 /NDF: 73806.3/29

reg_asym_usr_atr2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -246.455+/-1.758 χ^2/NDF : 879.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -229.377+/-1.598 χ^2/NDF : 1418.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

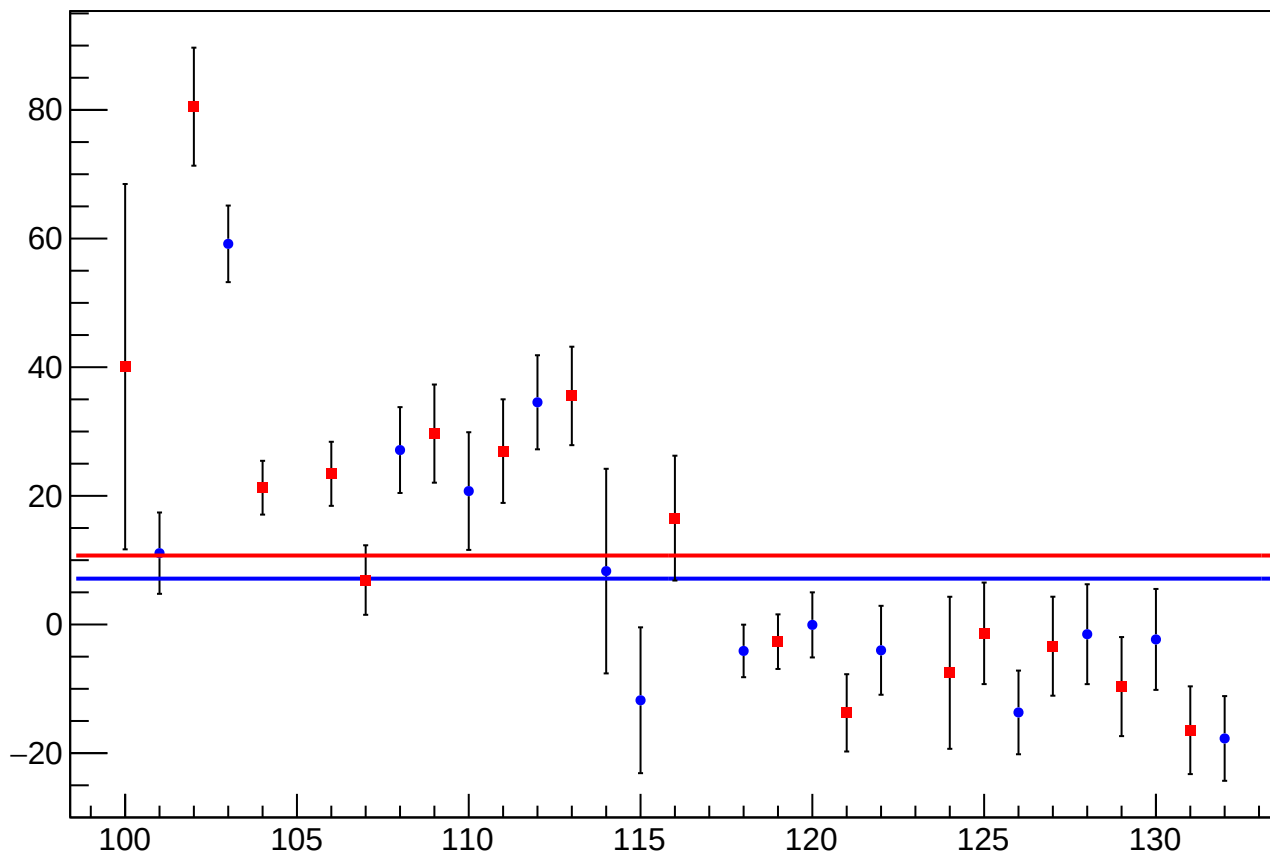
Right: -237.104+/-1.183 χ^2/NDF : 2350.1/29

In: -246.455+/-1.758 χ^2/NDF : 879.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -237.104+/-1.183 χ^2/NDF : 2350.1/29

reg_asym_usr_atr2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.130+/-1.775 χ^2/NDF : 144.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.723+/-1.651 χ^2/NDF : 150.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

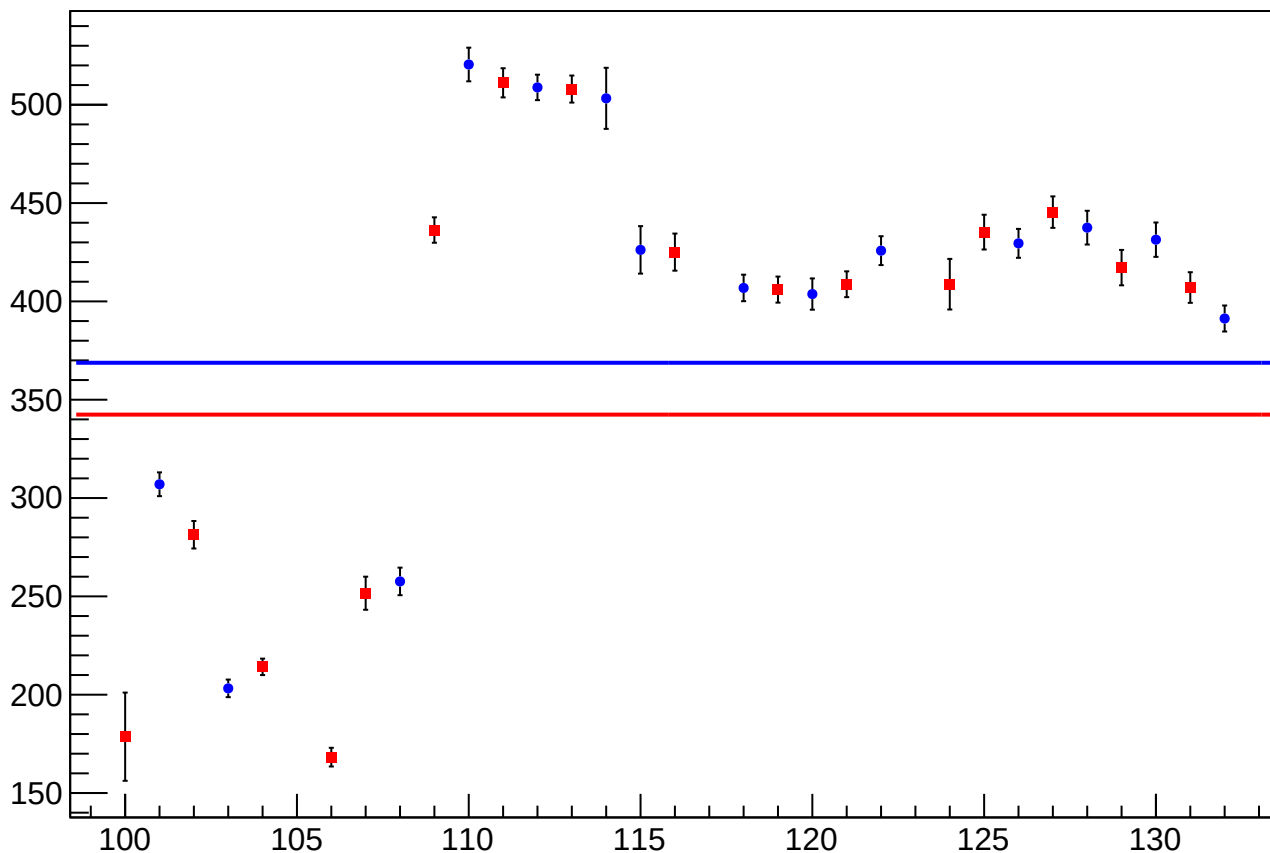
Right: 9.056+/-1.209 χ^2/NDF : 297.3/29

In: 7.130+/-1.775 χ^2/NDF : 144.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.056+/-1.209 χ^2/NDF : 297.3/29

reg_asym_usr_atr2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 368.791+/-1.923 χ^2/NDF : 2907.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 342.427+/-1.762 χ^2/NDF : 4552.2/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

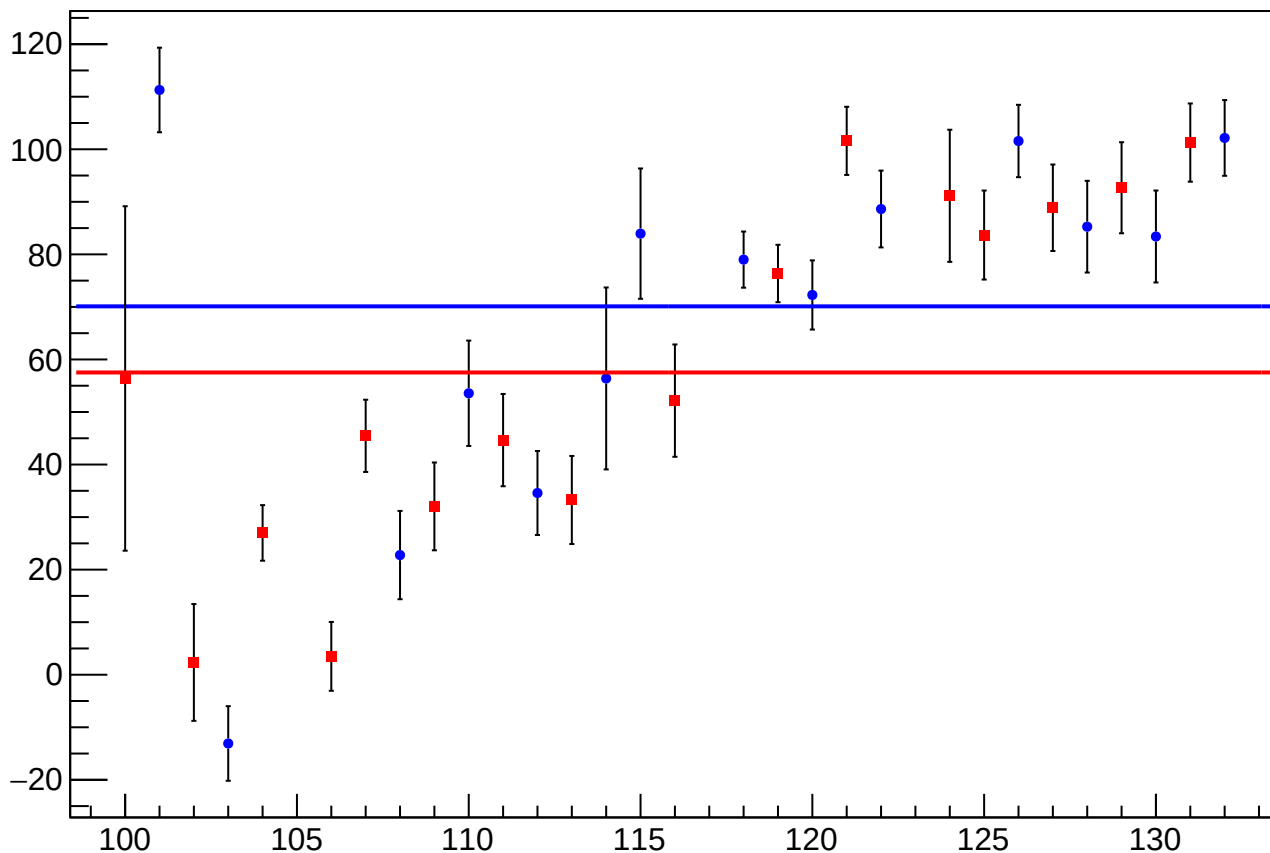
Right: 354.462+/-1.299 χ^2/NDF : 7562.4/29

In: 368.791+/-1.923 χ^2/NDF : 2907.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 354.462+/-1.299 χ^2/NDF : 7562.4/29

reg_asym_usr_atr2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.105+/-2.093 χ^2 /NDF: 274.8/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 57.521+/-1.949 χ^2 /NDF: 289.5/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

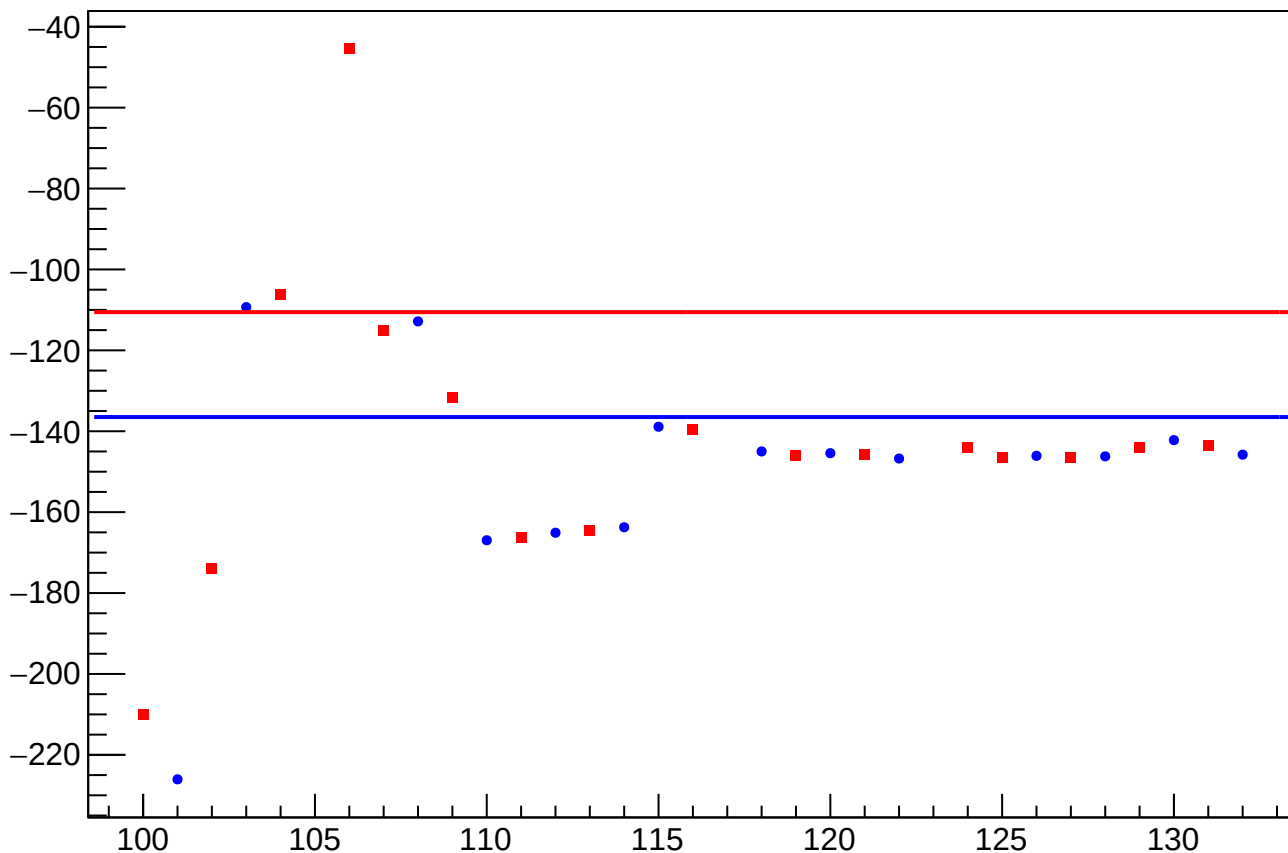
Right: 63.365+/-1.426 χ^2 /NDF: 583.6/29

In: 70.105+/-2.093 χ^2 /NDF:274.8/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 63.365+/-1.426 χ^2 /NDF: 583.6/29

reg_asym_usr_atr2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -136.487 $\pm$ 0.115 χ^2 /NDF: 96600.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -110.559 $\pm$ 0.098 χ^2 /NDF: 215122.6/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

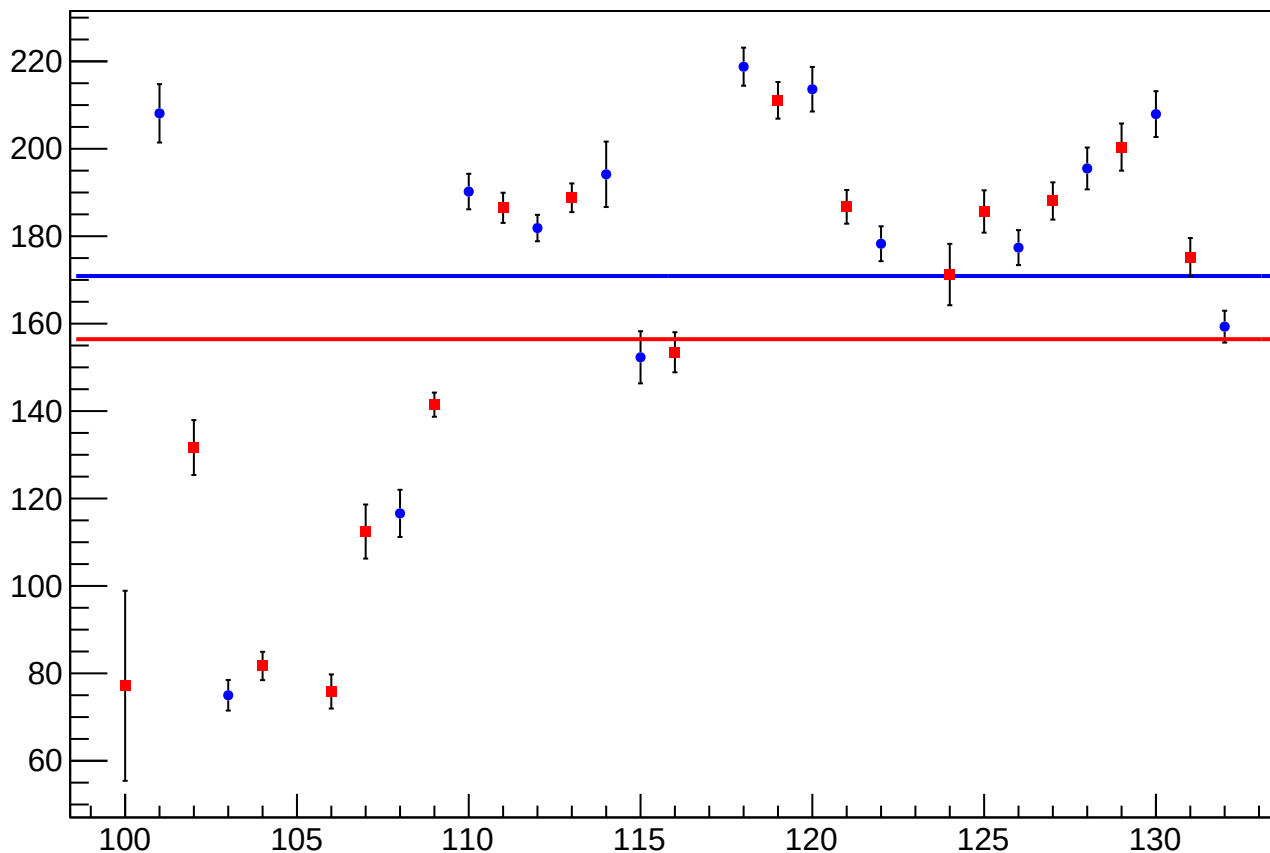
Right: -121.497 $\pm$ 0.075 χ^2 /NDF: 341120.7/29

In: -136.487 $\pm$ 0.115 χ^2 /NDF: 96600.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -121.497 $\pm$ 0.075 χ^2 /NDF: 341120.7/29

reg_asym_usr_atr2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 170.893+/-1.174 χ^2/NDF : 1221.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.447+/-1.055 χ^2/NDF : 1653.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

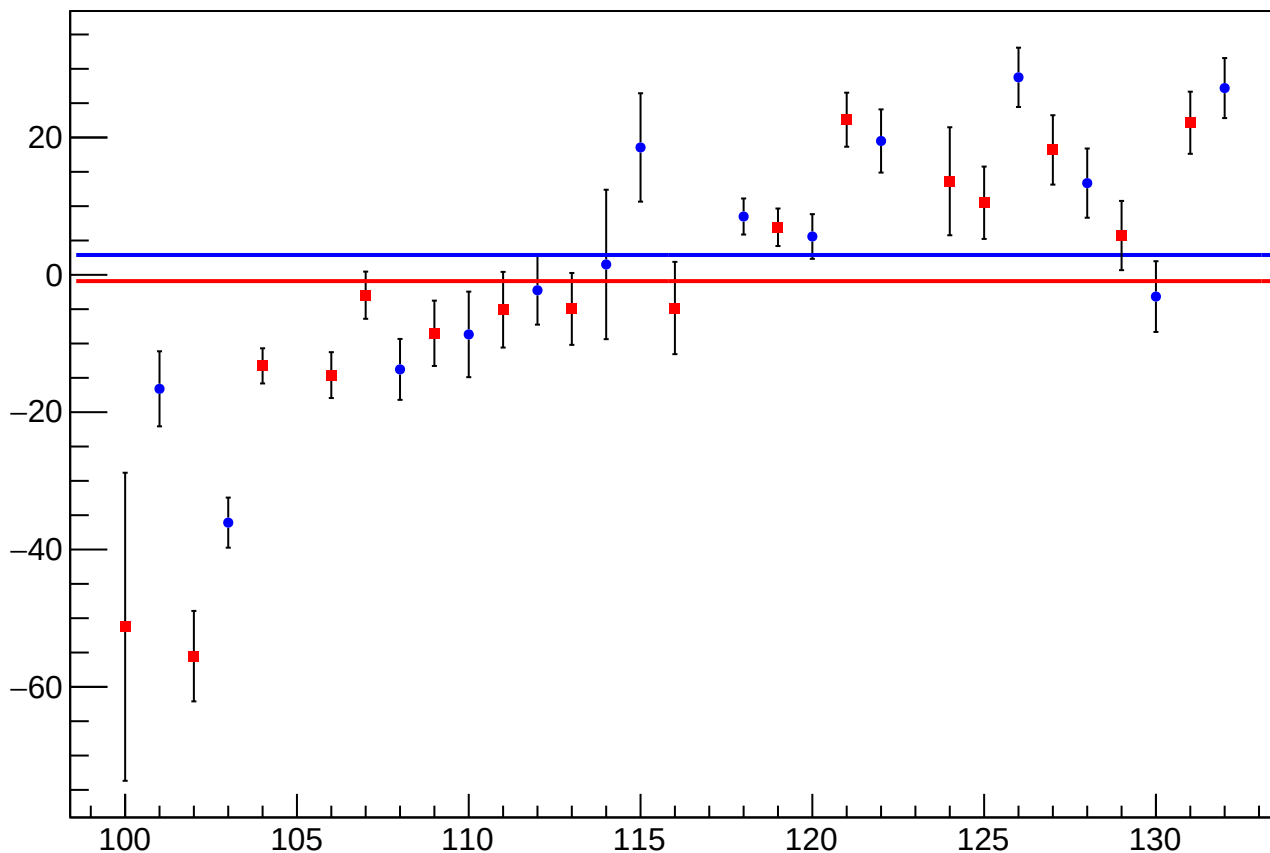
Right: 162.900+/-0.784 χ^2/NDF : 2957.9/29

In: 170.893+/-1.174 χ^2/NDF : 1221.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.900+/-0.784 χ^2/NDF : 2957.9/29

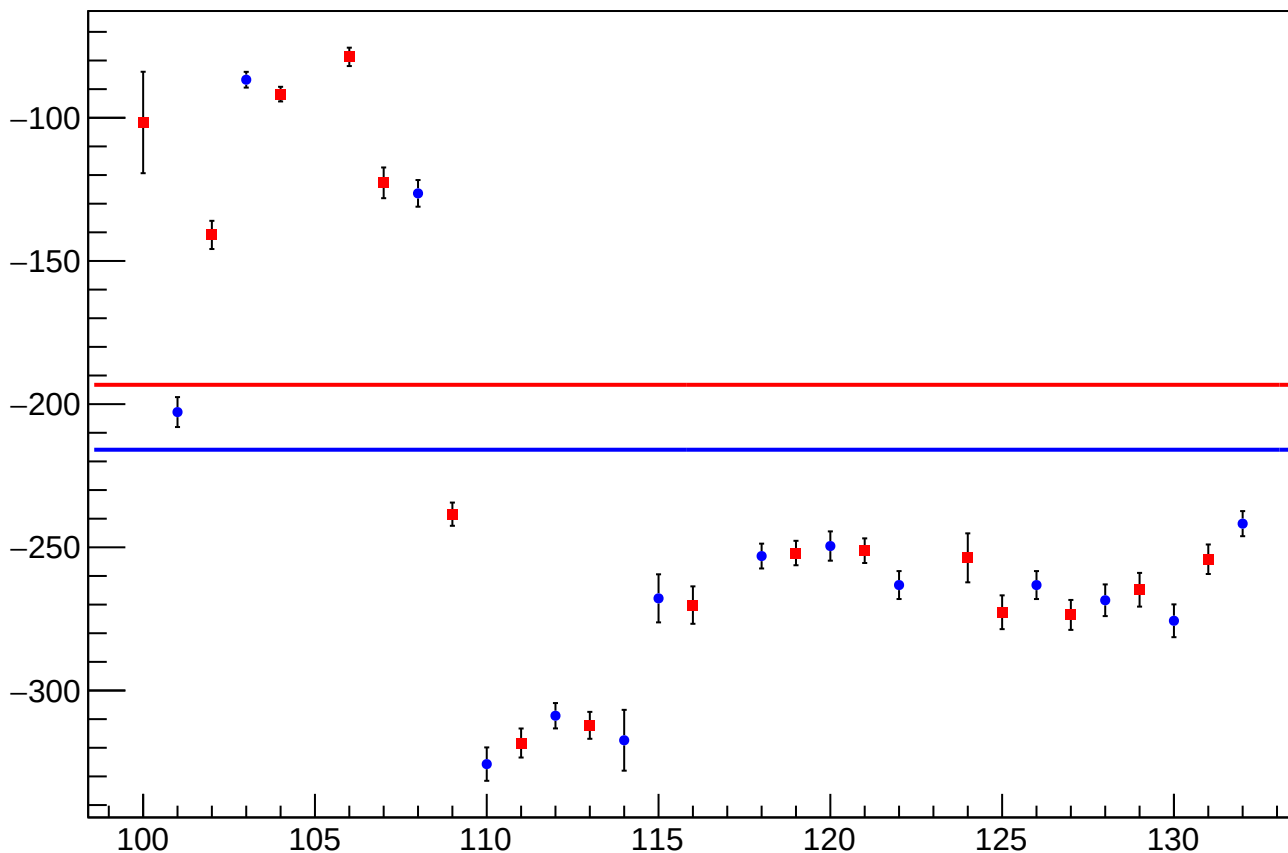
reg_asym_usr_atr2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.893+/-1.179 χ^2/NDF : 240.2/13
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.911+/-1.075 χ^2/NDF : 212.3/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.815+/-0.794 χ^2/NDF : 458.2/29
 In: 2.893+/-1.179 χ^2/NDF : 240.2/13
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.815+/-0.794 χ^2/NDF : 458.2/29

reg_asym_usr_atr2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -215.918+/-1.281 χ^2 /NDF: 4047.9/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -193.249+/-1.153 χ^2 /NDF: 5799.5/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

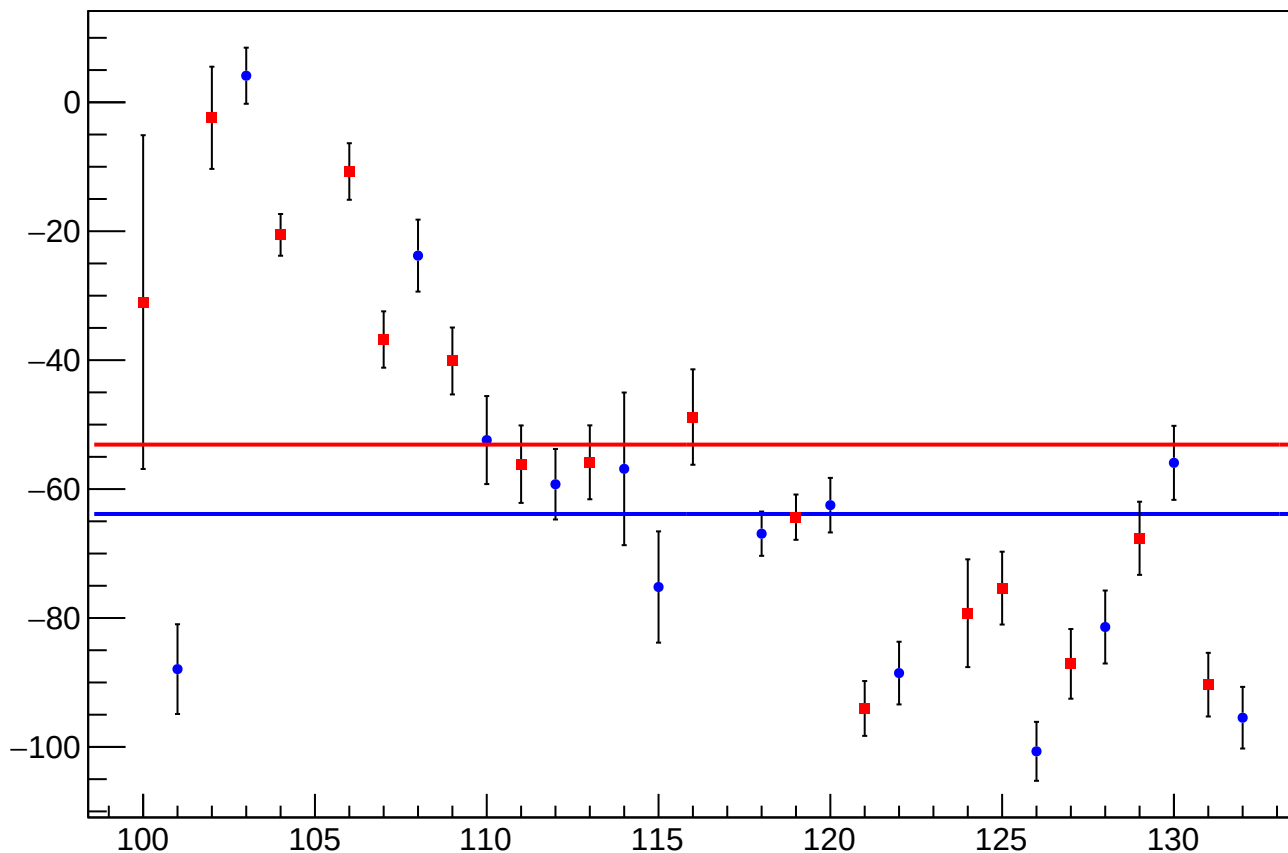
Right: -203.393+/-0.857 χ^2 /NDF: 10020.4/29

In: -215.918+/-1.281 χ^2 /NDF:4047.9/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -203.393+/-0.857 χ^2 /NDF: 10020.4/29

reg_asym_usr_atr2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.864 ± 1.391 $\chi^2/\text{NDF}: 459.7/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -53.101 ± 1.271 $\chi^2/\text{NDF}: 488.1/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

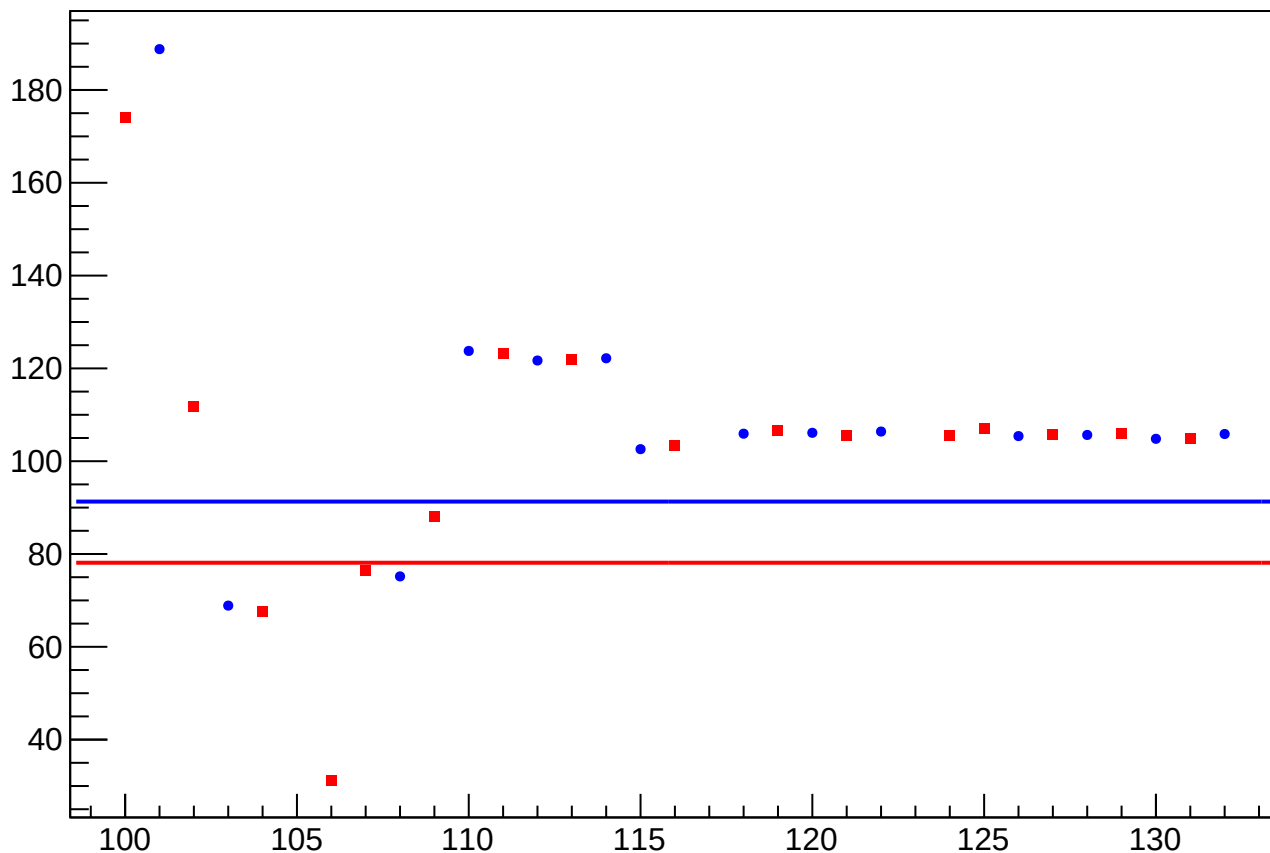
Right: -58.000 ± 0.938 $\chi^2/\text{NDF}: 980.5/29$

In: -63.864 ± 1.391 $\chi^2/\text{NDF}: 459.7/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -58.000 ± 0.938 $\chi^2/\text{NDF}: 980.5/29$

reg_asym_usr_atr2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 91.300+/-0.075 χ^2/NDF : 166463.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.119+/-0.067 χ^2/NDF : 204466.9/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

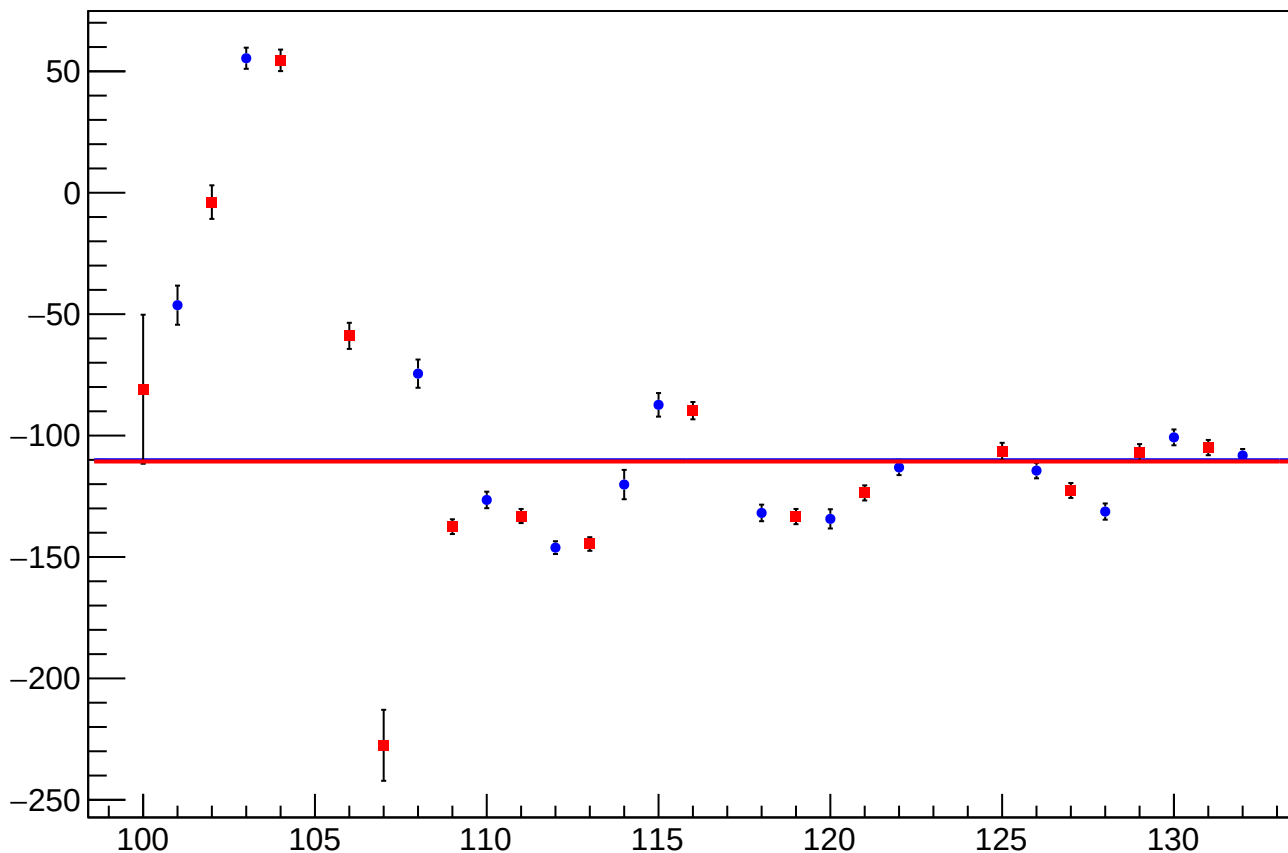
Right: 83.881+/-0.050 χ^2/NDF : 388098.2/29

In: 91.300+/-0.075 χ^2/NDF : 166463.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.881+/-0.050 χ^2/NDF : 388098.2/29

reg_asym_us_avg_at1lr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -110.147+/-0.965 χ^2/NDF : 1912.3/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -110.681+/-0.946 χ^2/NDF : 2192.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

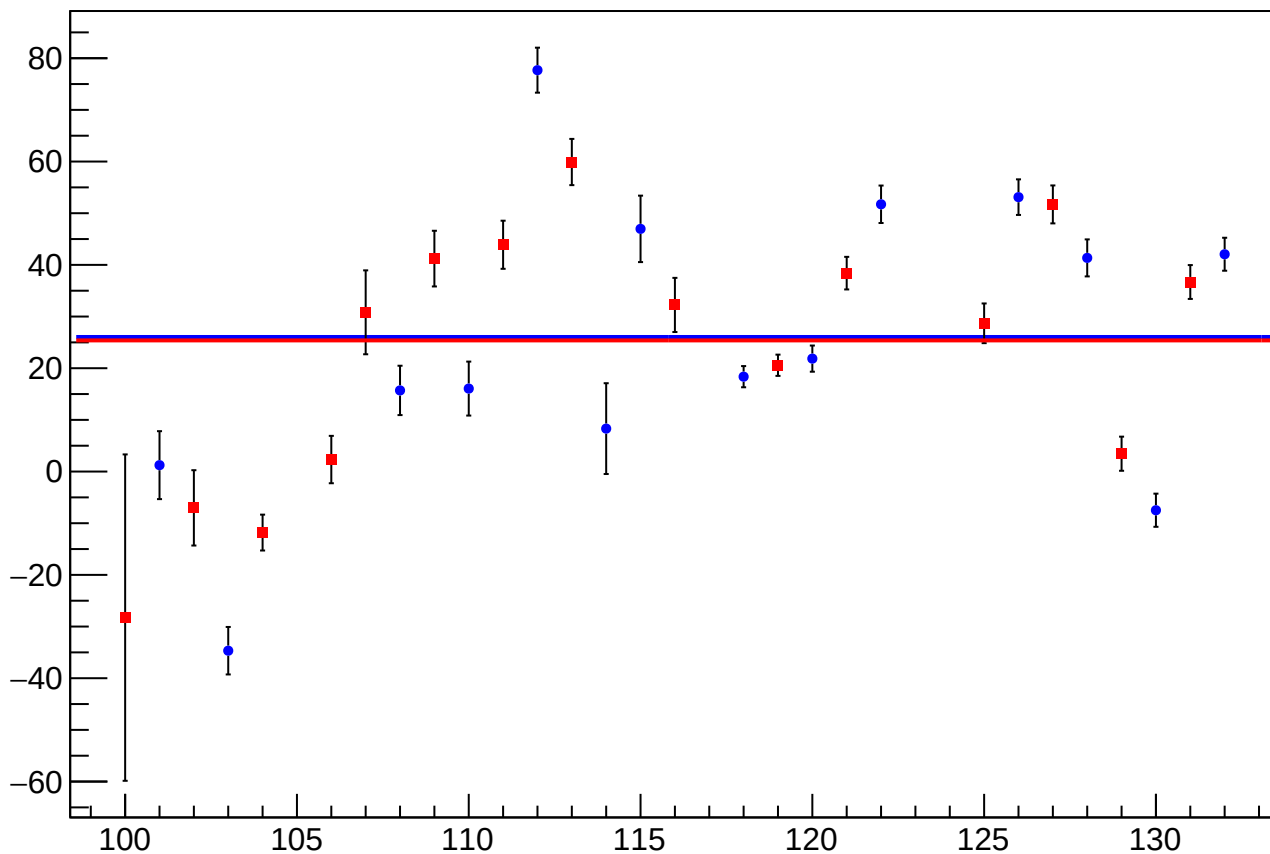
Right: -110.419+/-0.676 χ^2/NDF : 4104.9/28

In: -110.147+/-0.965 χ^2/NDF :1912.3/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -110.419+/-0.676 χ^2/NDF : 4104.9/28

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 26.043+/-0.968 χ^2/NDF : 633.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 25.384+/-1.002 χ^2/NDF : 379.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

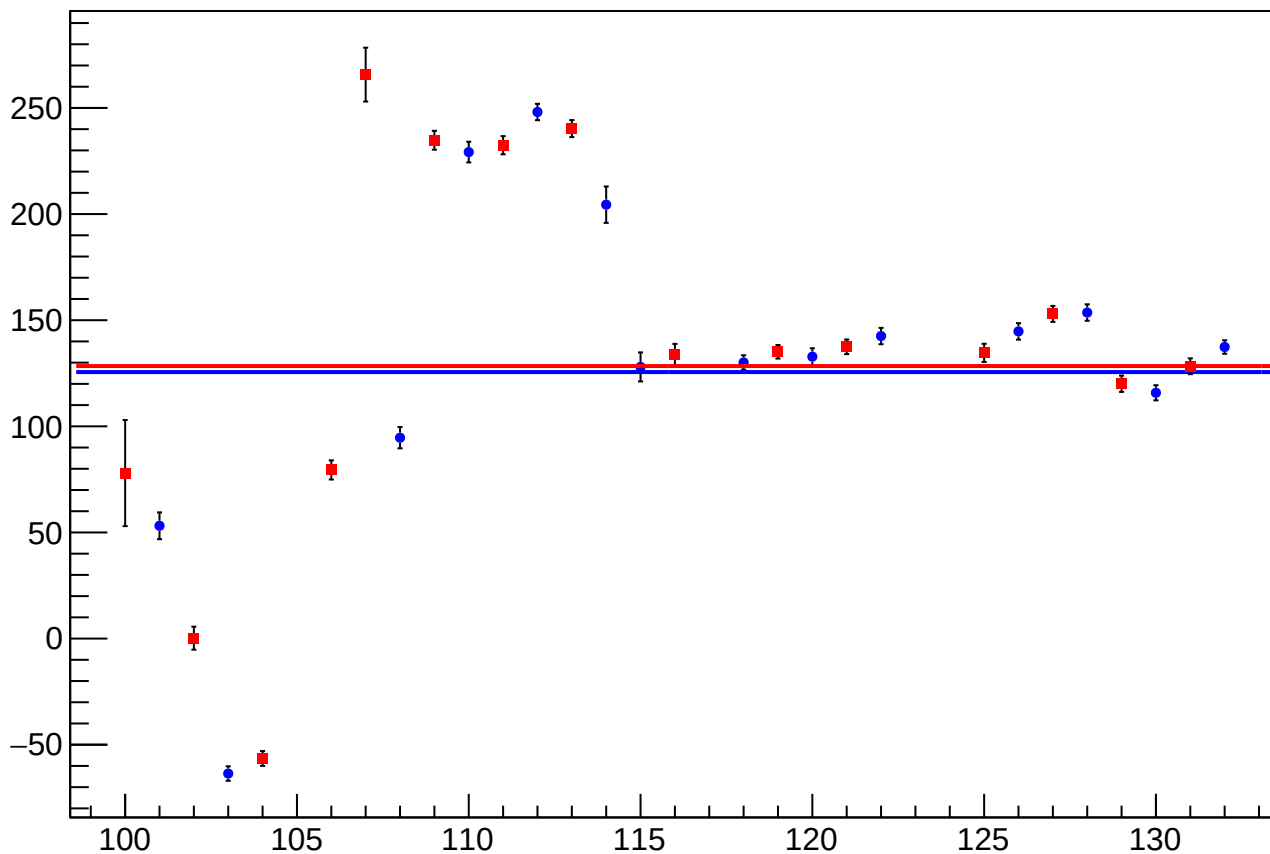
Right: 25.725+/-0.696 χ^2/NDF : 1013.5/28

In: 26.043+/-0.968 χ^2/NDF :633.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 25.725+/-0.696 χ^2/NDF : 1013.5/28

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 125.570+/-1.103 χ^2/NDF : 4906.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.392+/-1.101 χ^2/NDF : 5589.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

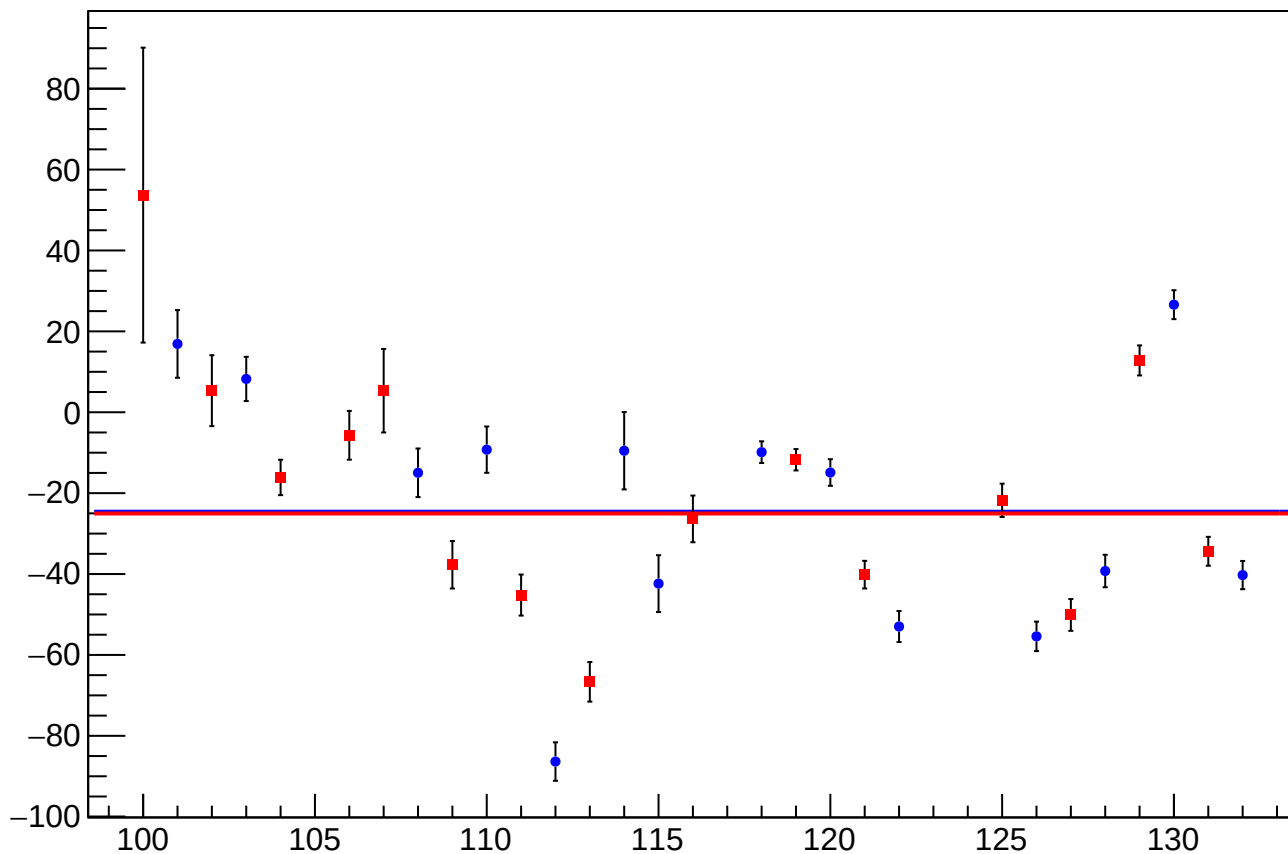
Right: 126.983+/-0.779 χ^2/NDF : 10498.9/28

In: 125.570+/-1.103 χ^2/NDF : 4906.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.983+/-0.779 χ^2/NDF : 10498.9/28

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -24.595+/-1.133 χ^2/NDF : 651.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.036+/-1.158 χ^2/NDF : 329.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

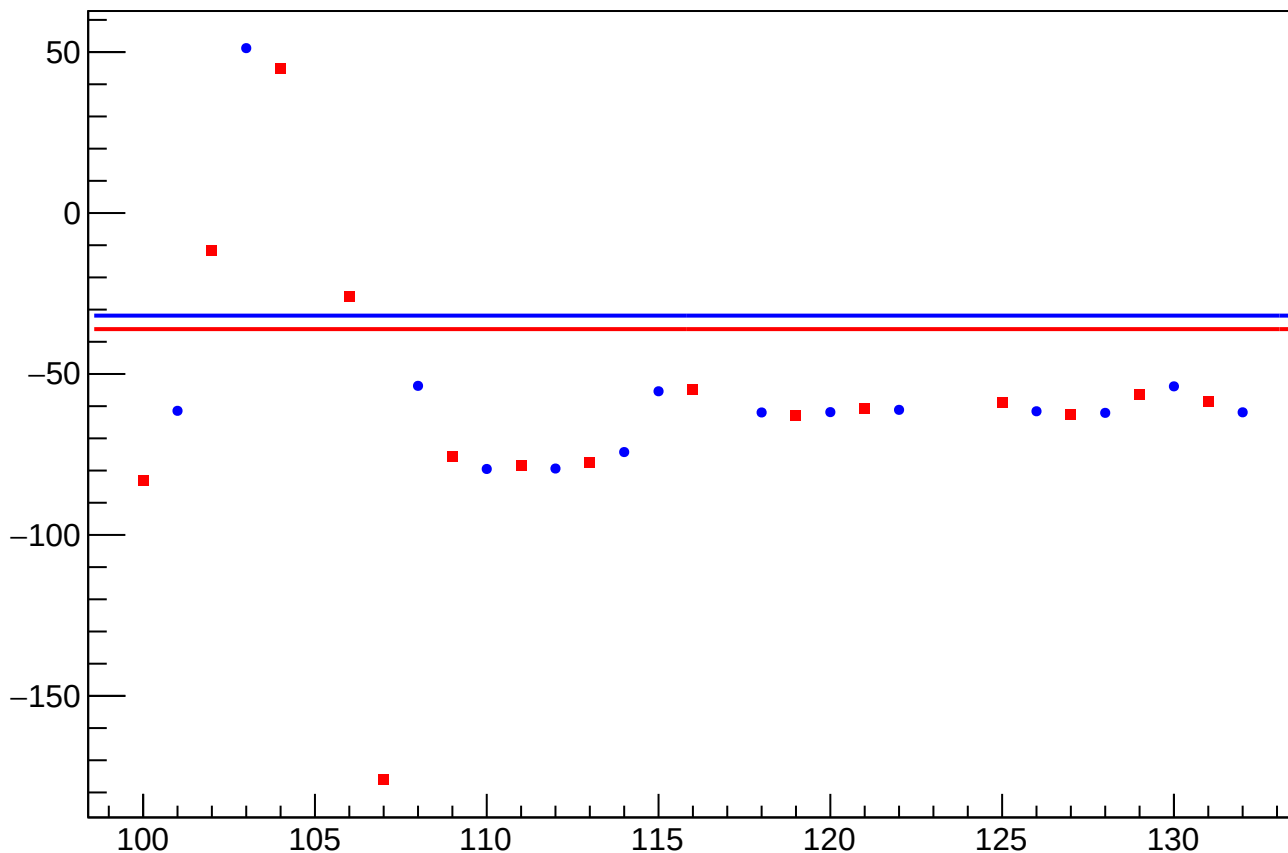
Right: -24.811+/-0.810 χ^2/NDF : 981.0/28

In: -24.595+/-1.133 χ^2/NDF : 651.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.811+/-0.810 χ^2/NDF : 981.0/28

reg_asym_us_avg_at1lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -31.869+/-0.073 χ^2/NDF : 472641.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.063+/-0.073 χ^2/NDF : 416635.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

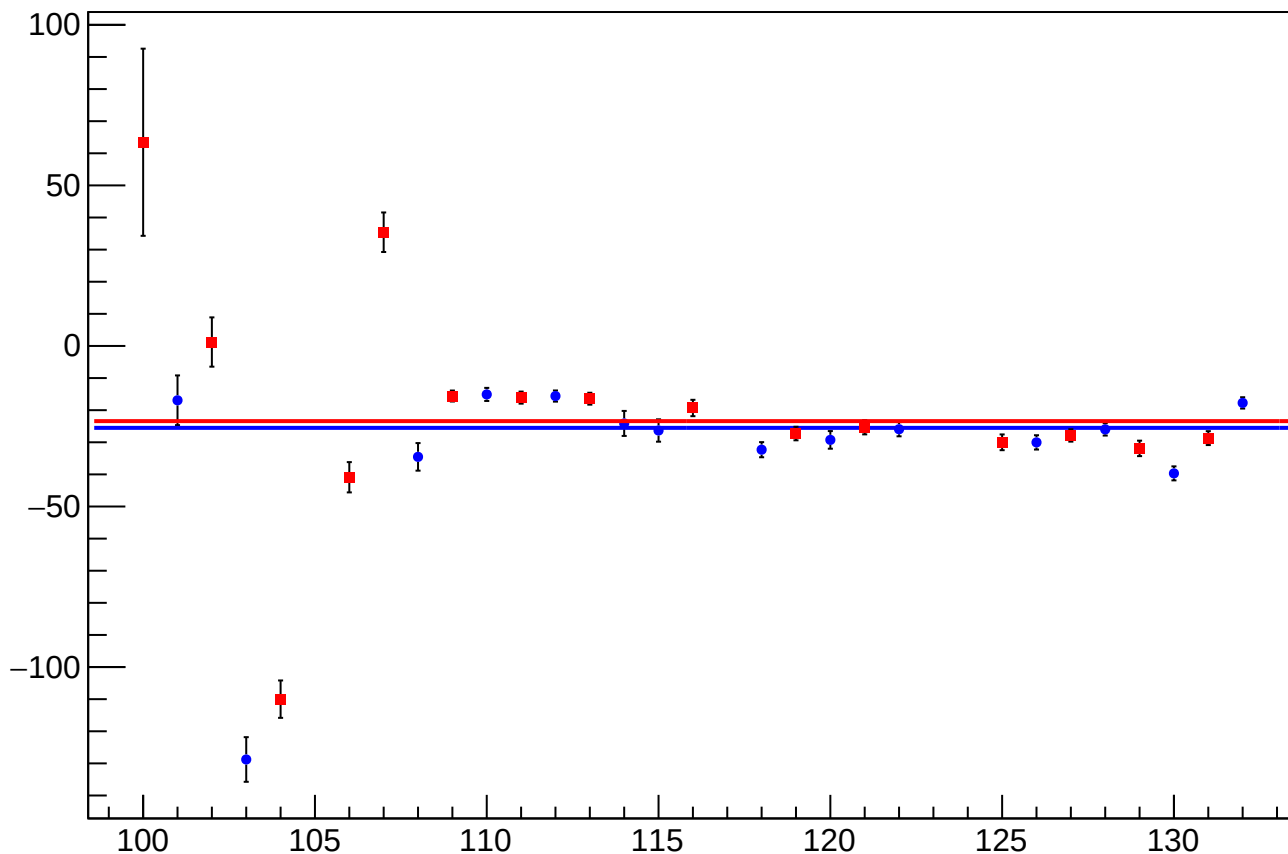
Right: -33.979+/-0.052 χ^2/NDF : 890923.9/28

In: -31.869+/-0.073 χ^2/NDF : 472641.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.979+/-0.052 χ^2/NDF : 890923.9/28

reg_asym_us_avg_at1lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -25.505+/-0.654 χ^2/NDF : 361.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -23.411+/-0.640 χ^2/NDF : 433.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

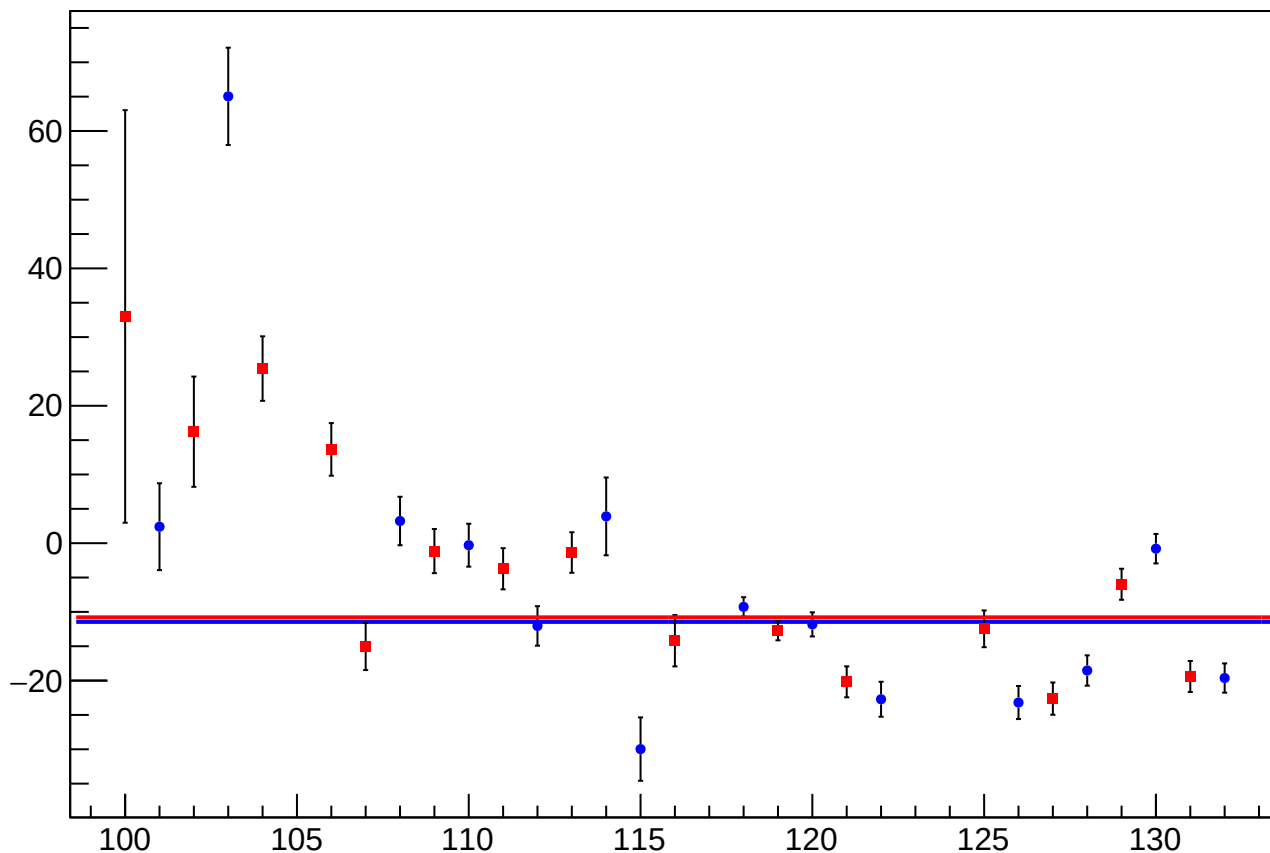
Right: -24.435+/-0.457 χ^2/NDF : 800.2/28

In: -25.505+/-0.654 χ^2/NDF :361.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -24.435+/-0.457 χ^2/NDF : 800.2/28

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -11.456+/-0.670 χ^2/NDF : 270.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.793+/-0.701 χ^2/NDF : 205.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

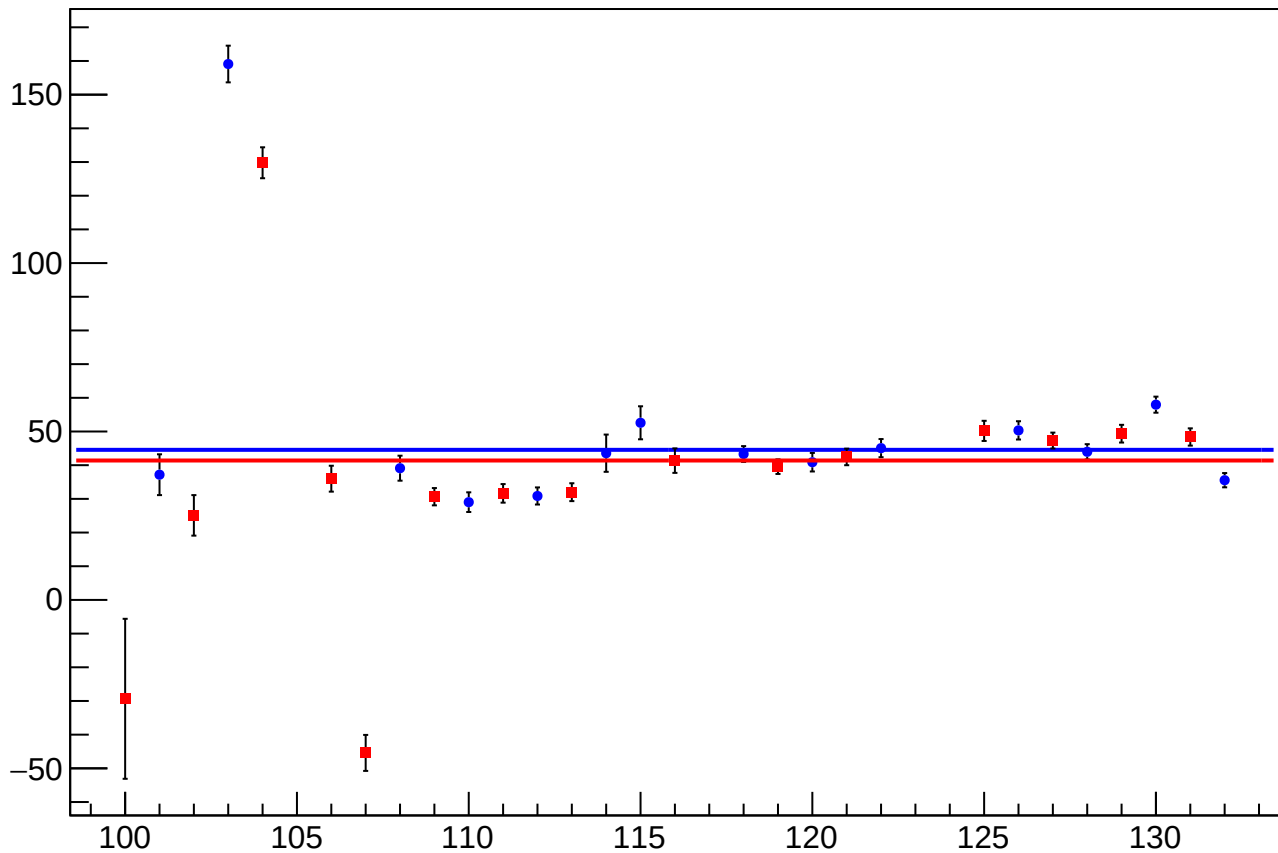
Right: -11.139+/-0.485 χ^2/NDF : 476.1/28

In: -11.456+/-0.670 χ^2/NDF : 270.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.139+/-0.485 χ^2/NDF : 476.1/28

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 44.558 $\pm$ 0.776 χ^2 /NDF: 562.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 41.390 $\pm$ 0.779 χ^2 /NDF: 727.6/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

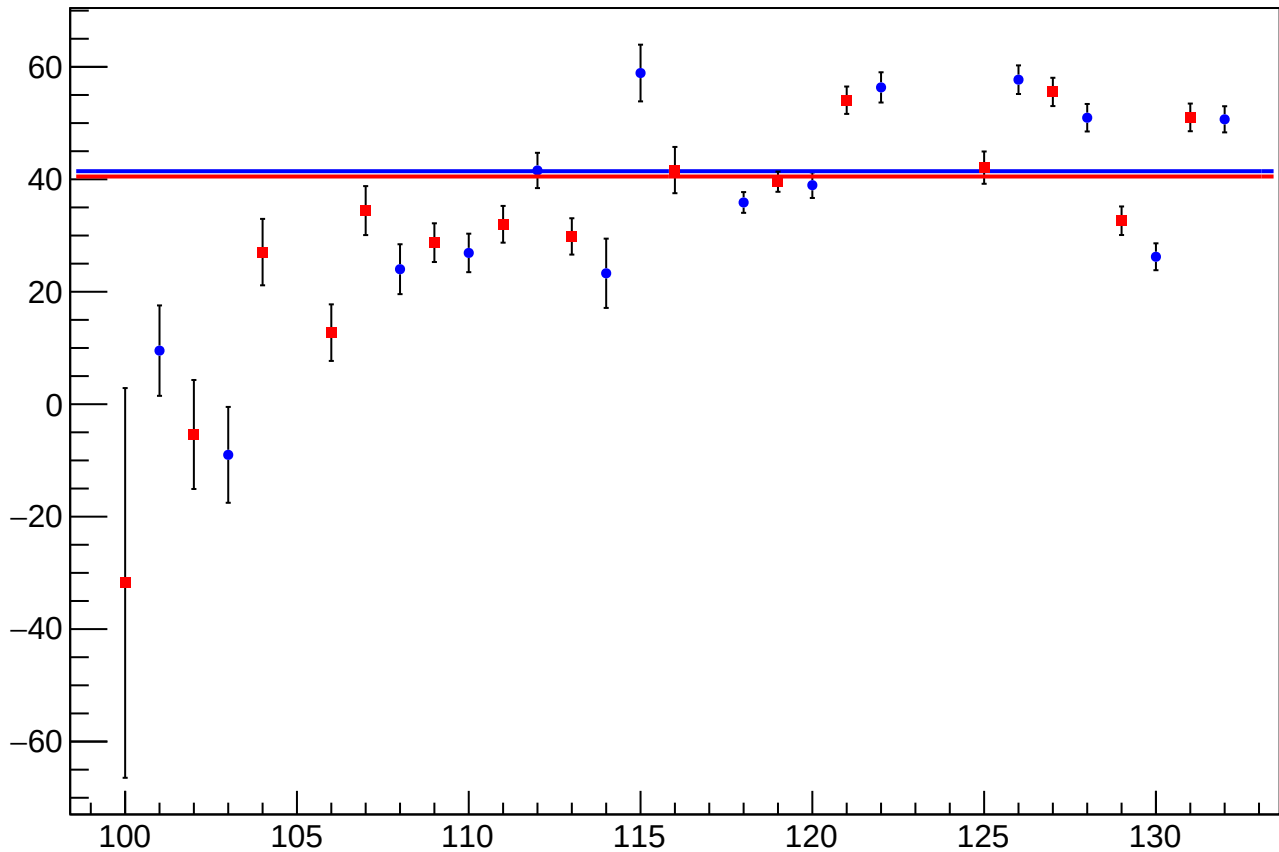
Right: 42.980 $\pm$ 0.550 χ^2 /NDF: 1298.3/28

In: 44.558 $\pm$ 0.776 χ^2 /NDF:562.4/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 42.980 $\pm$ 0.550 χ^2 /NDF: 1298.3/28

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.444+/-0.781 χ^2 /NDF: 258.1/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 40.498+/-0.805 χ^2 /NDF: 189.0/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

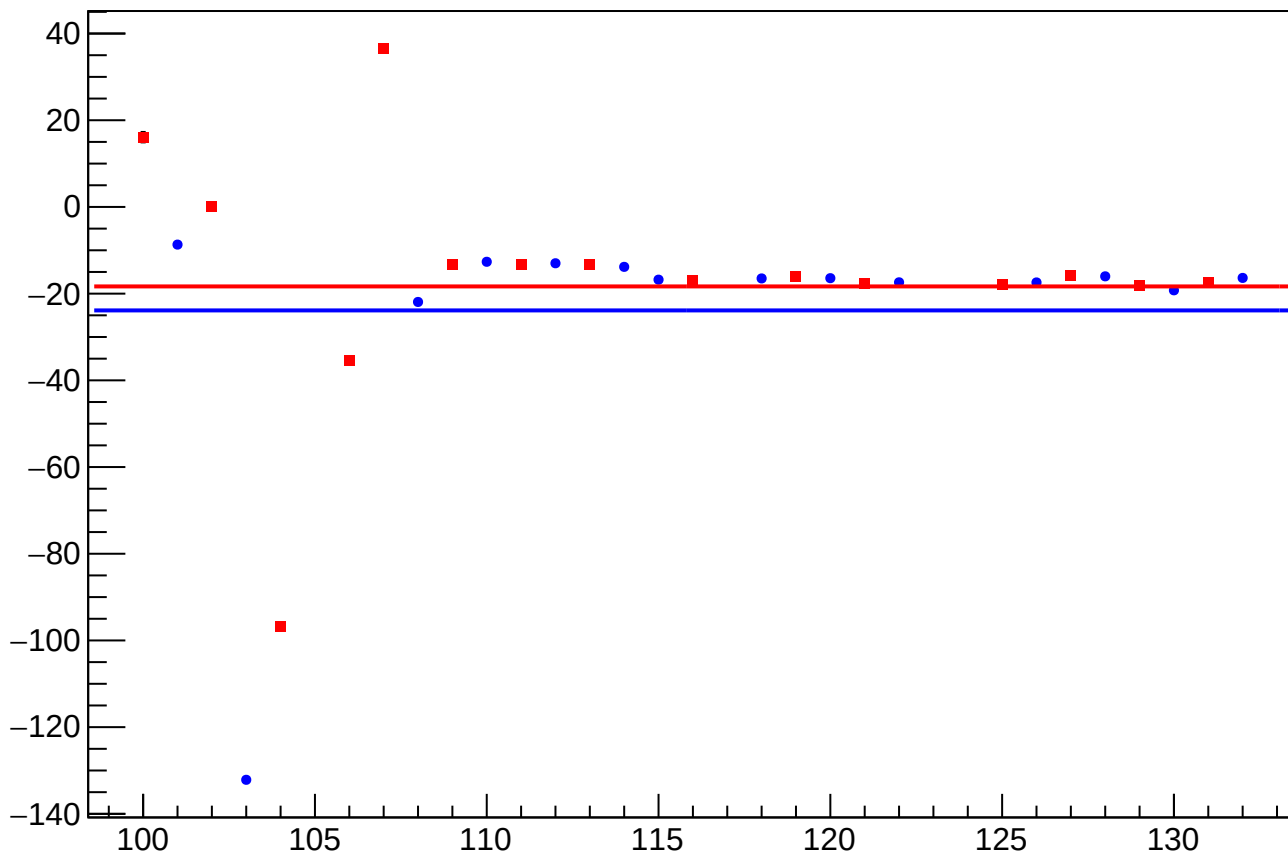
Right: 40.985+/-0.561 χ^2 /NDF: 447.8/28

In: 41.444+/-0.781 χ^2 /NDF:258.1/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 40.985+/-0.561 χ^2 /NDF: 447.8/28

reg_asym_us_avg_at1lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -23.869 ± 0.057 $\chi^2/\text{NDF}: 237085.7/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -18.335 ± 0.056 $\chi^2/\text{NDF}: 203498.0/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

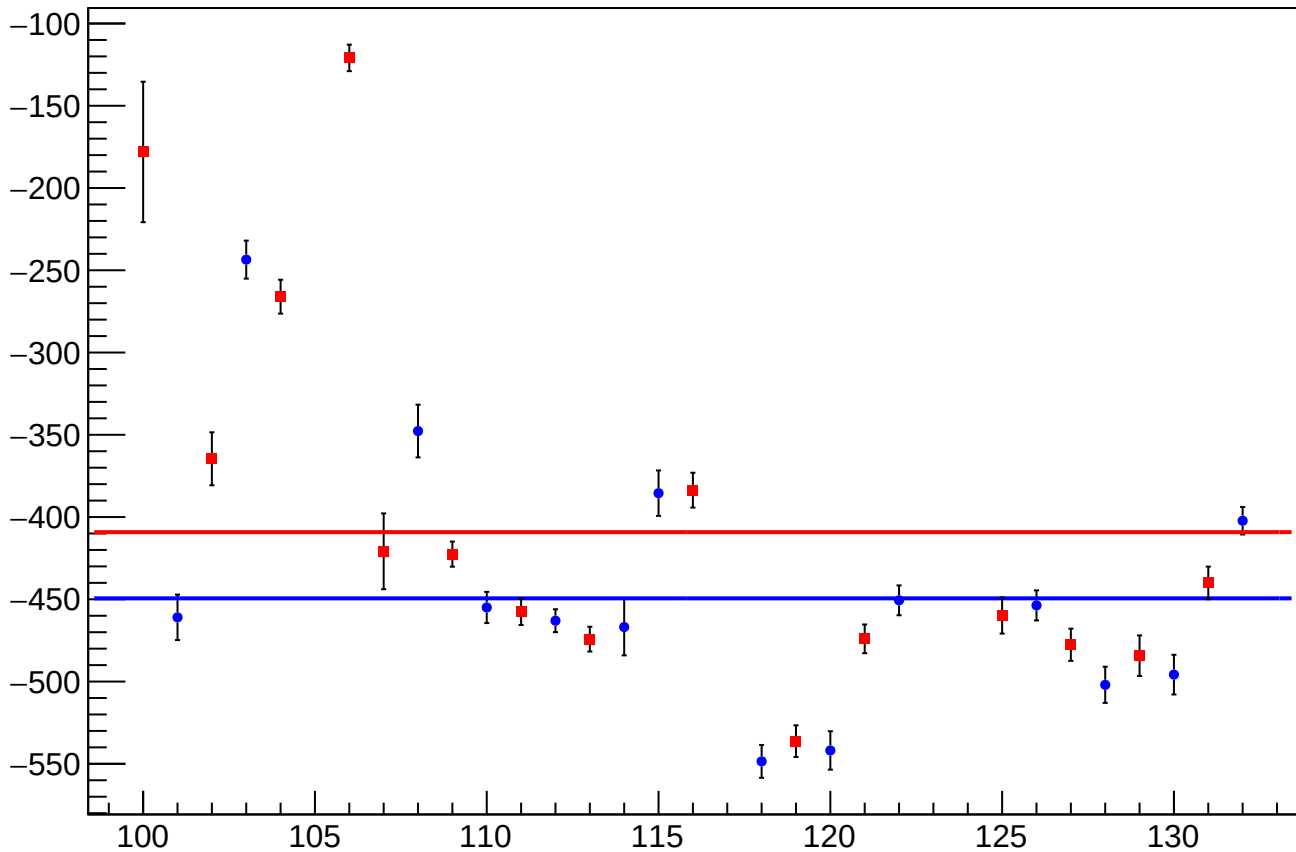
Right: -21.045 ± 0.040 $\chi^2/\text{NDF}: 445405.0/28$

In: -23.869 ± 0.057 $\chi^2/\text{NDF}: 237085.7/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -21.045 ± 0.040 $\chi^2/\text{NDF}: 445405.0/28$

reg_asym_us_avg_at2lr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -449.423+/-2.793 χ^2/NDF : 616.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -409.164+/-2.582 χ^2/NDF : 1979.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

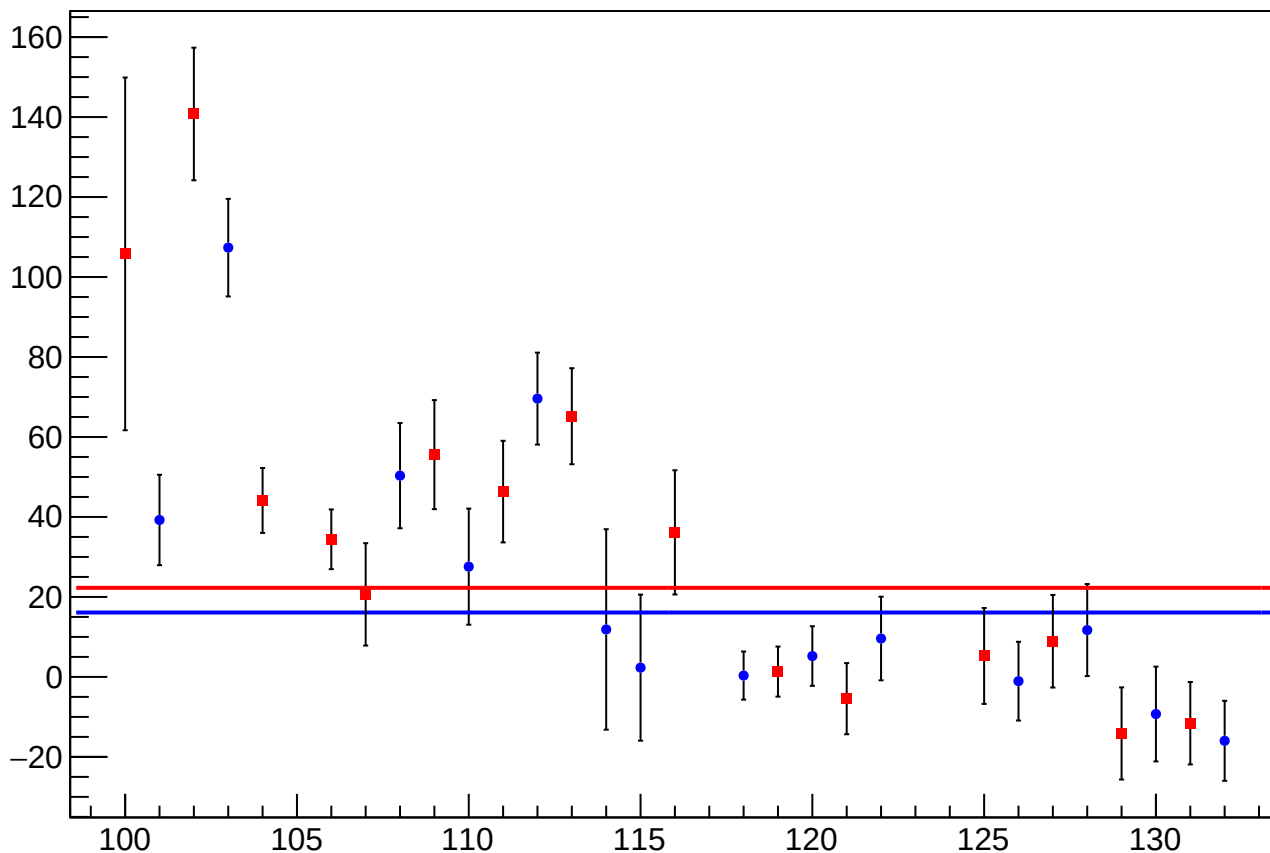
Right: -427.715+/-1.896 χ^2/NDF : 2708.3/28

In: -449.423+/-2.793 χ^2/NDF : 616.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -427.715+/-1.896 χ^2/NDF : 2708.3/28

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.104+/-2.806 χ^2/NDF : 117.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.280+/-2.716 χ^2/NDF : 132.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

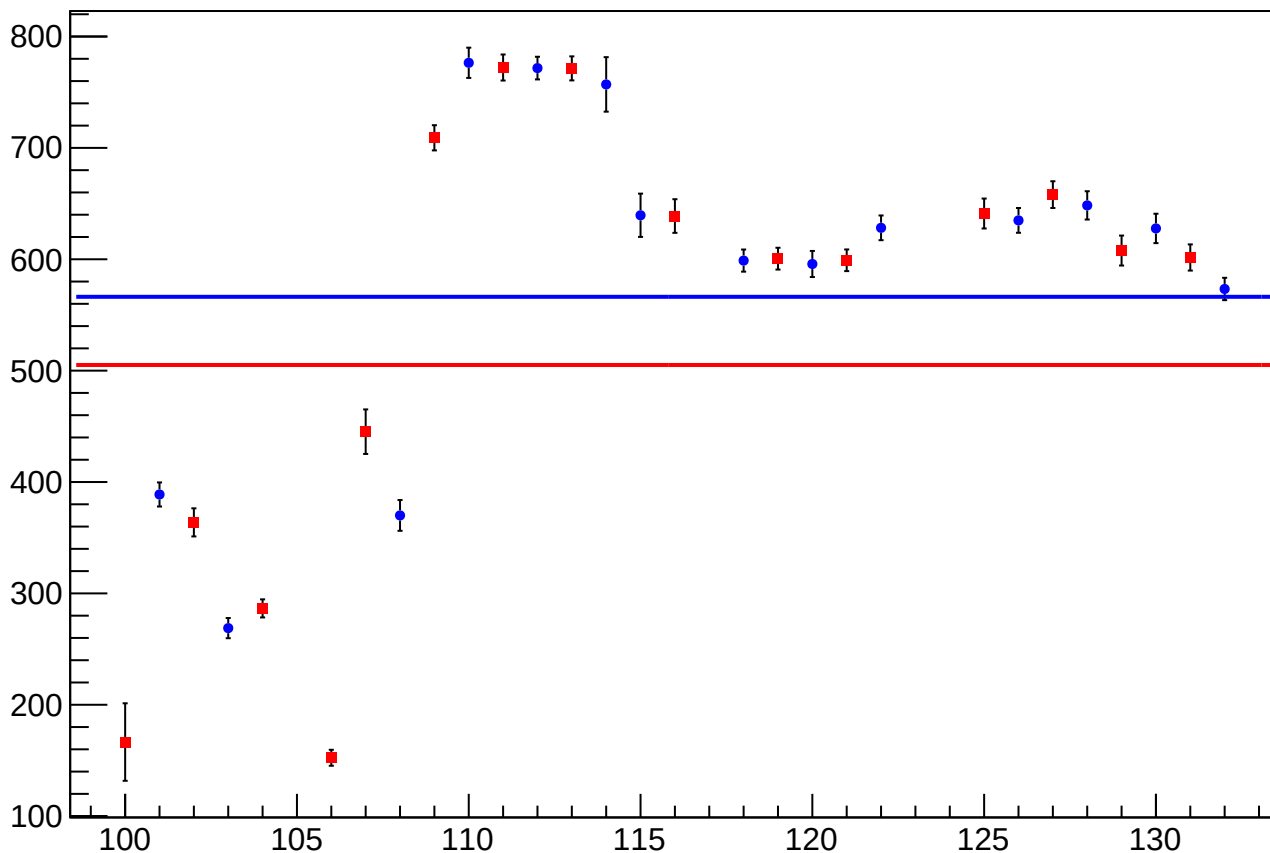
Right: 19.293+/-1.952 χ^2/NDF : 252.4/28

In: 16.104+/-2.806 χ^2/NDF : 117.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.293+/-1.952 χ^2/NDF : 252.4/28

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 566.306+/-3.148 χ^2/NDF : 2420.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 505.078+/-2.904 χ^2/NDF : 5489.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

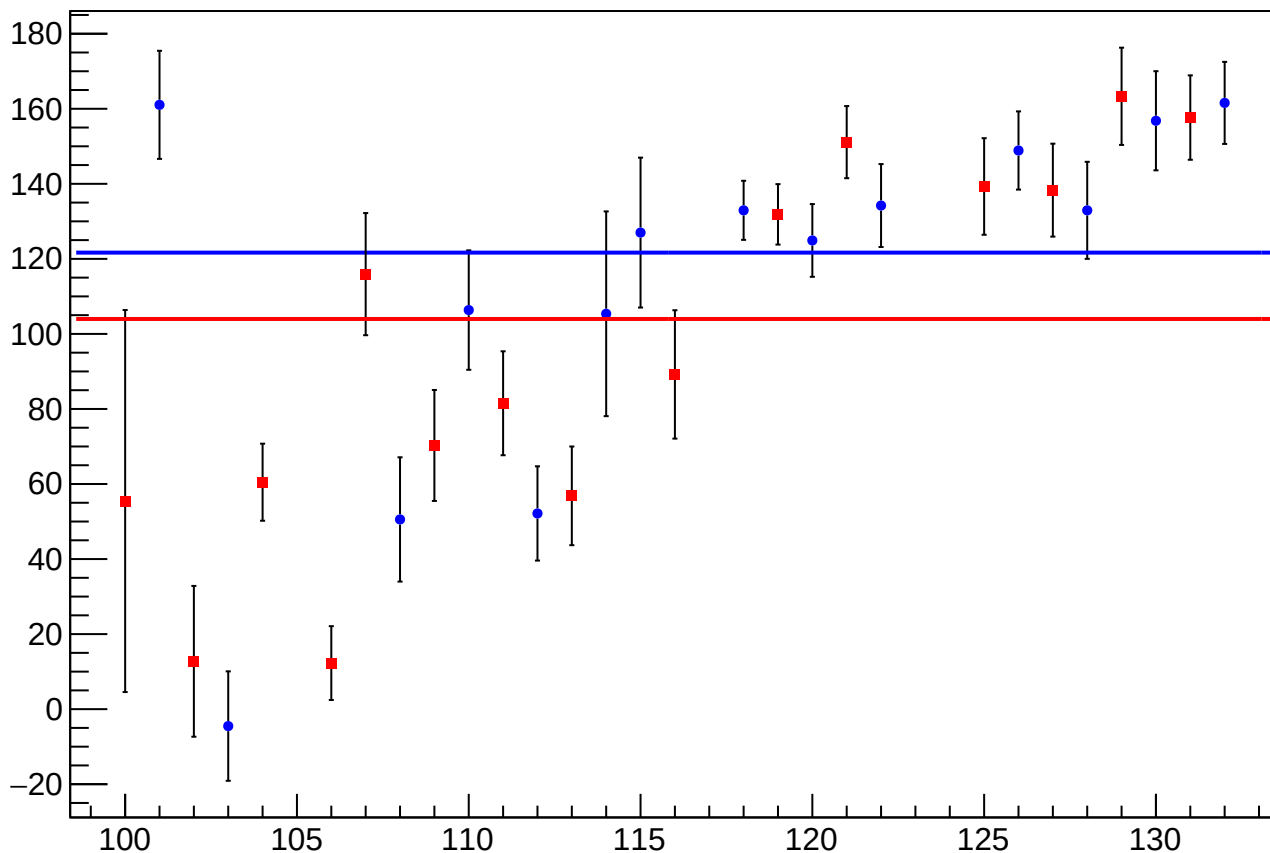
Right: 533.221+/-2.134 χ^2/NDF : 8114.2/28

In: 566.306+/-3.148 χ^2/NDF : 2420.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 533.221+/-2.134 χ^2/NDF : 8114.2/28

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 121.667 $\pm$ 3.305 χ^2 /NDF: 164.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 103.985 $\pm$ 3.193 χ^2 /NDF: 243.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

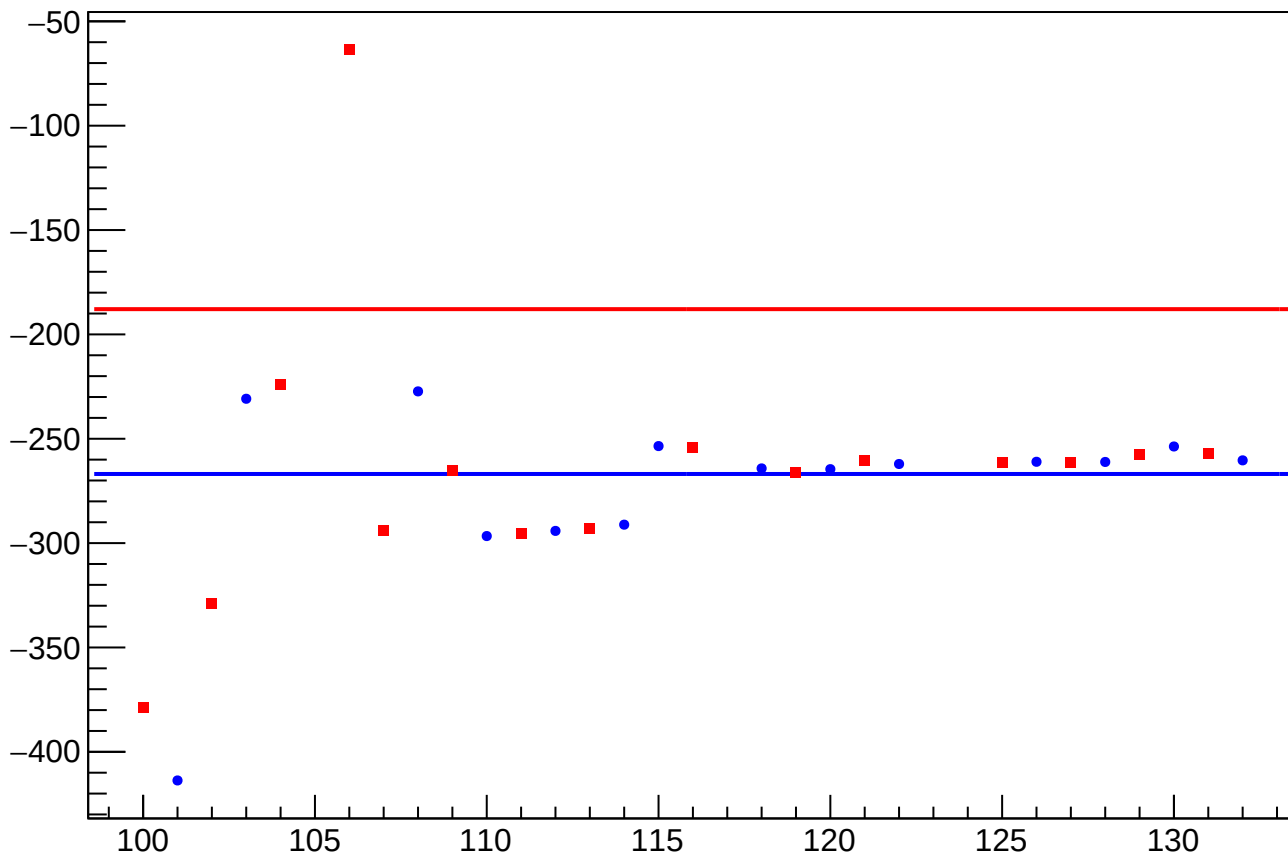
Right: 112.521 $\pm$ 2.296 χ^2 /NDF: 422.3/28

In: 121.667 $\pm$ 3.305 χ^2 /NDF:164.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 112.521 $\pm$ 2.296 χ^2 /NDF: 422.3/28

reg_asym_us_avg_at2lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -266.876+/-0.203 χ^2/NDF : 68014.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -187.901+/-0.160 χ^2/NDF : 421009.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

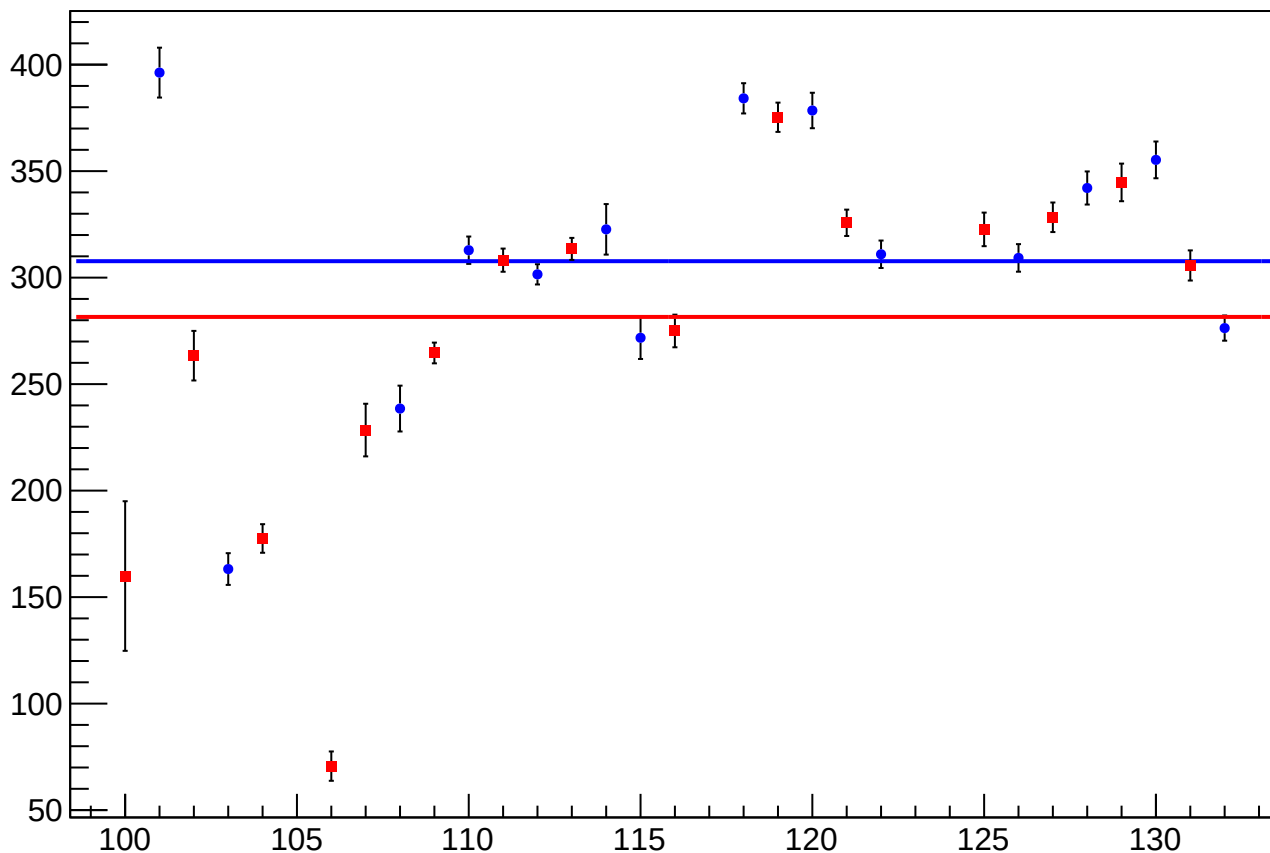
Right: -218.199+/-0.126 χ^2/NDF : 582403.6/28

In: -266.876+/-0.203 χ^2/NDF : 68014.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -218.199+/-0.126 χ^2/NDF : 582403.6/28

reg_asym_us_avg_at2lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 307.721+/-1.960 χ^2/NDF : 758.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 281.549+/-1.809 χ^2/NDF : 1658.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

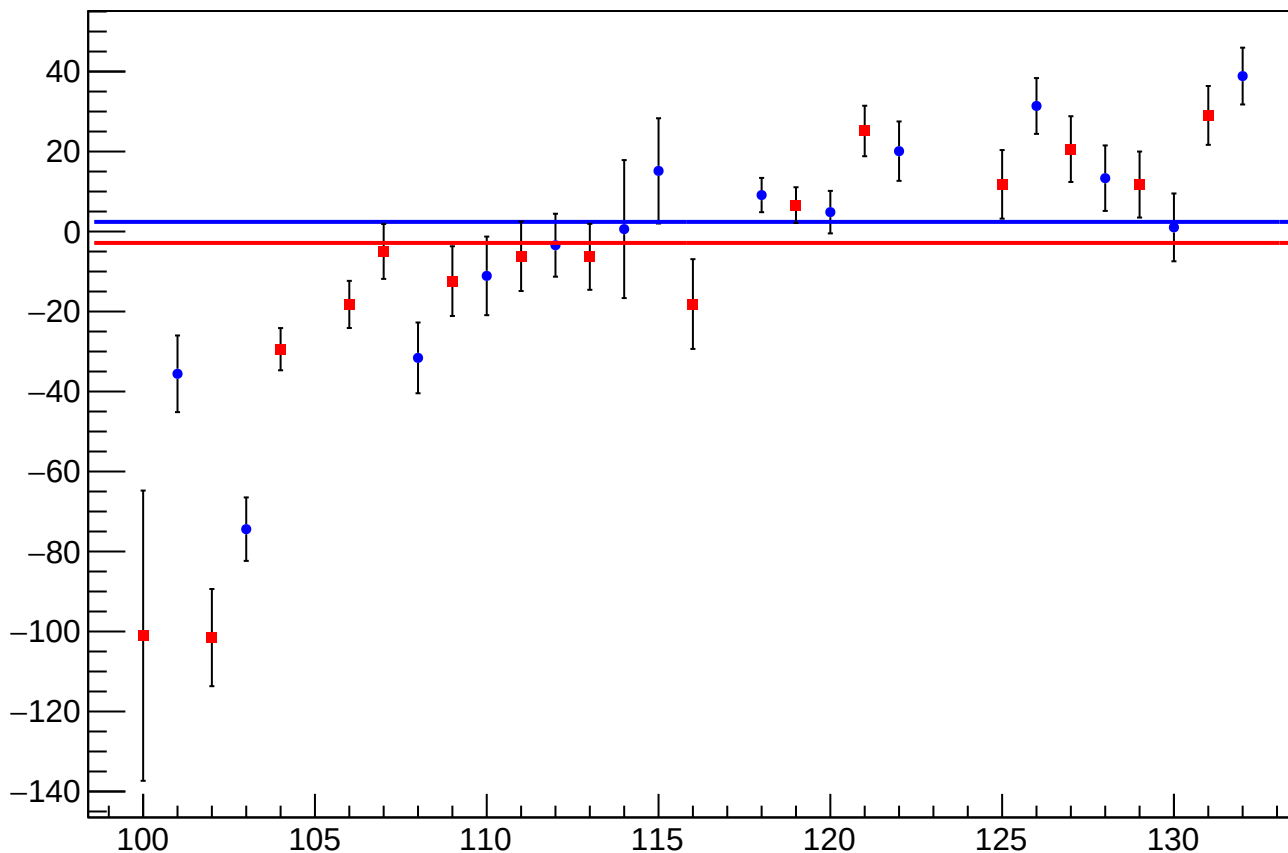
Right: 293.594+/-1.329 χ^2/NDF : 2513.1/28

In: 307.721+/-1.960 χ^2/NDF : 758.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 293.594+/-1.329 χ^2/NDF : 2513.1/28

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.411+/-1.990 χ^2/NDF : 181.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.851+/-1.892 χ^2/NDF : 166.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

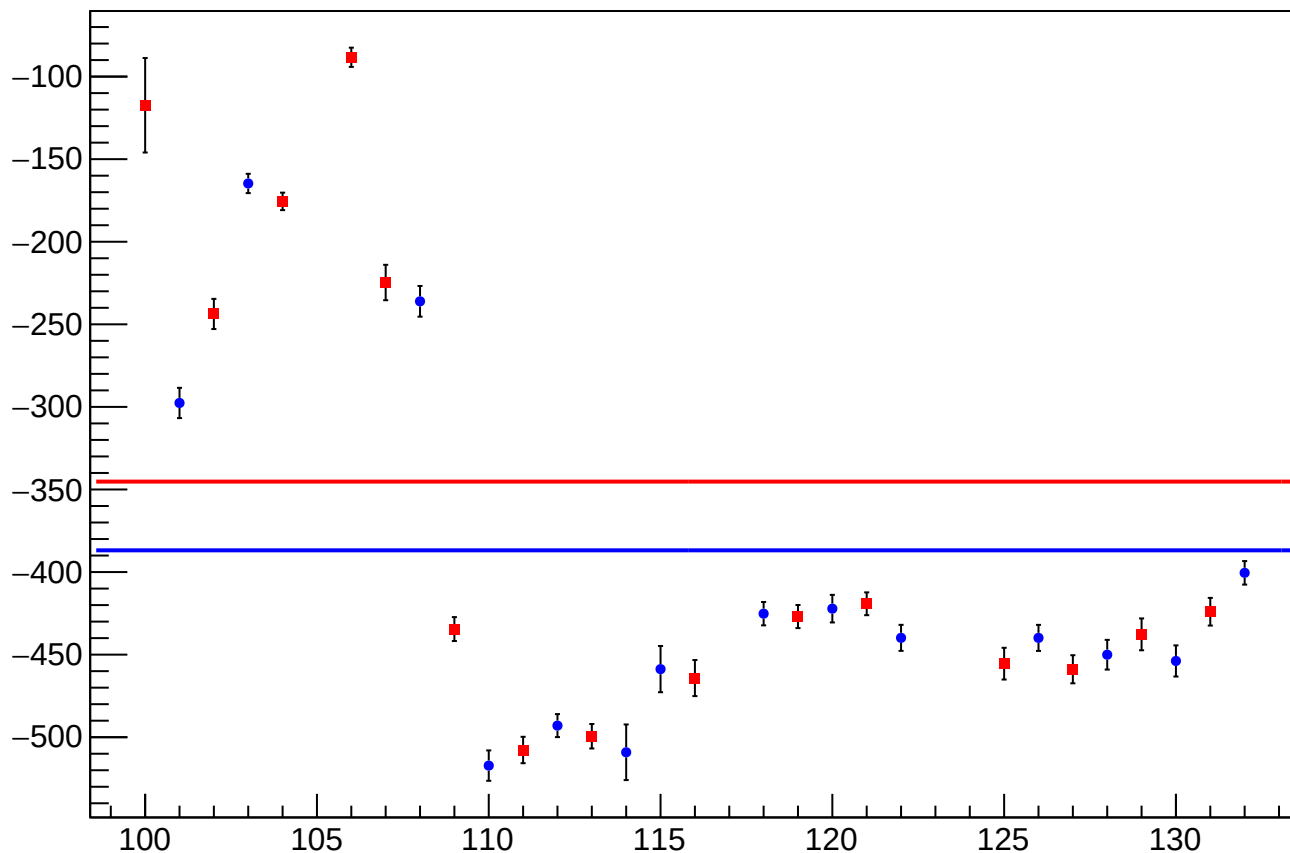
Right: -0.353+/-1.371 χ^2/NDF : 351.1/28

In: 2.411+/-1.990 χ^2/NDF : 181.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.353+/-1.371 χ^2/NDF : 351.1/28

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -386.846+/-2.216 χ^2/NDF : 2555.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -345.231+/-2.043 χ^2/NDF : 5143.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

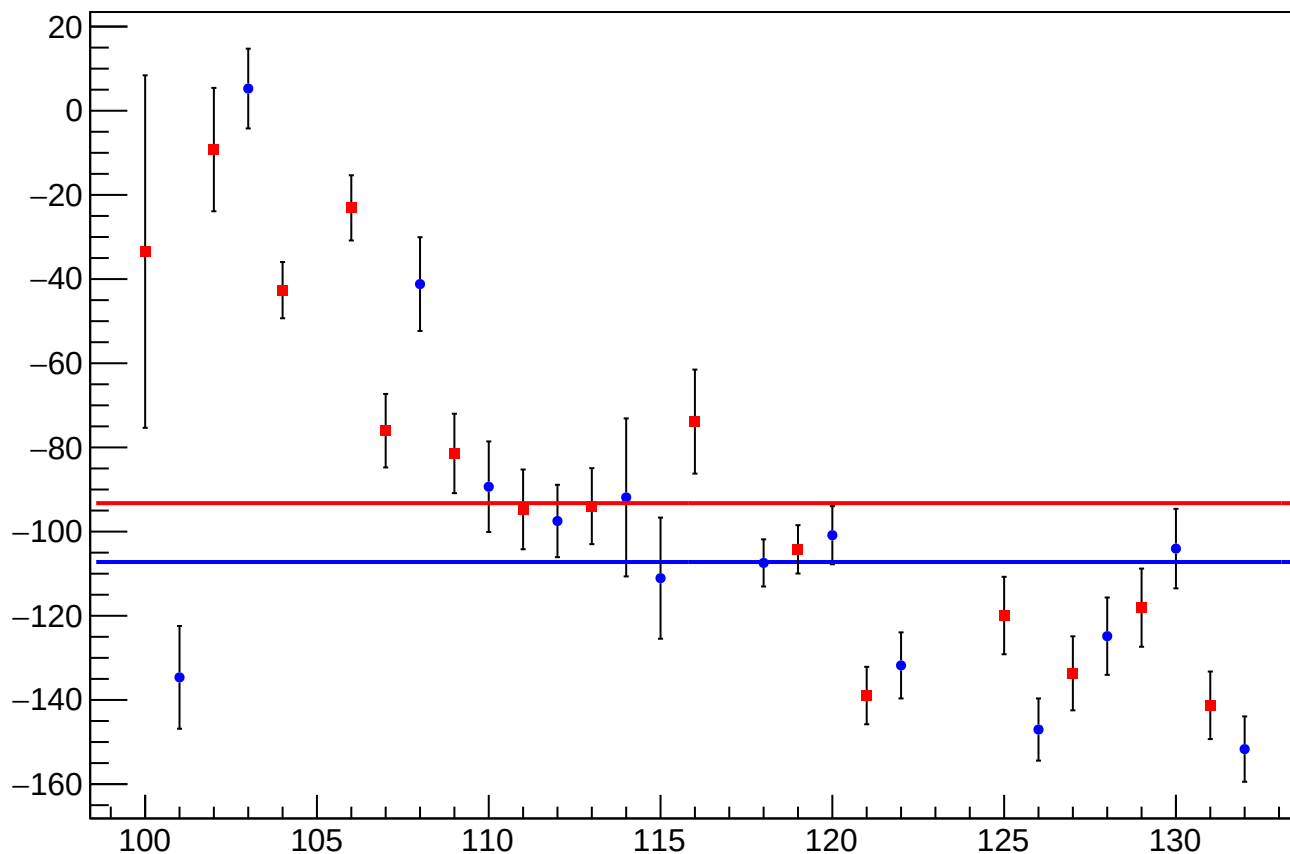
Right: -364.358+/-1.502 χ^2/NDF : 7890.0/28

In: -386.846+/-2.216 χ^2/NDF :2555.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -364.358+/-1.502 χ^2/NDF : 7890.0/28

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.227 $\pm$ 2.340 χ^2 /NDF: 262.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -93.235 $\pm$ 2.224 χ^2 /NDF: 303.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

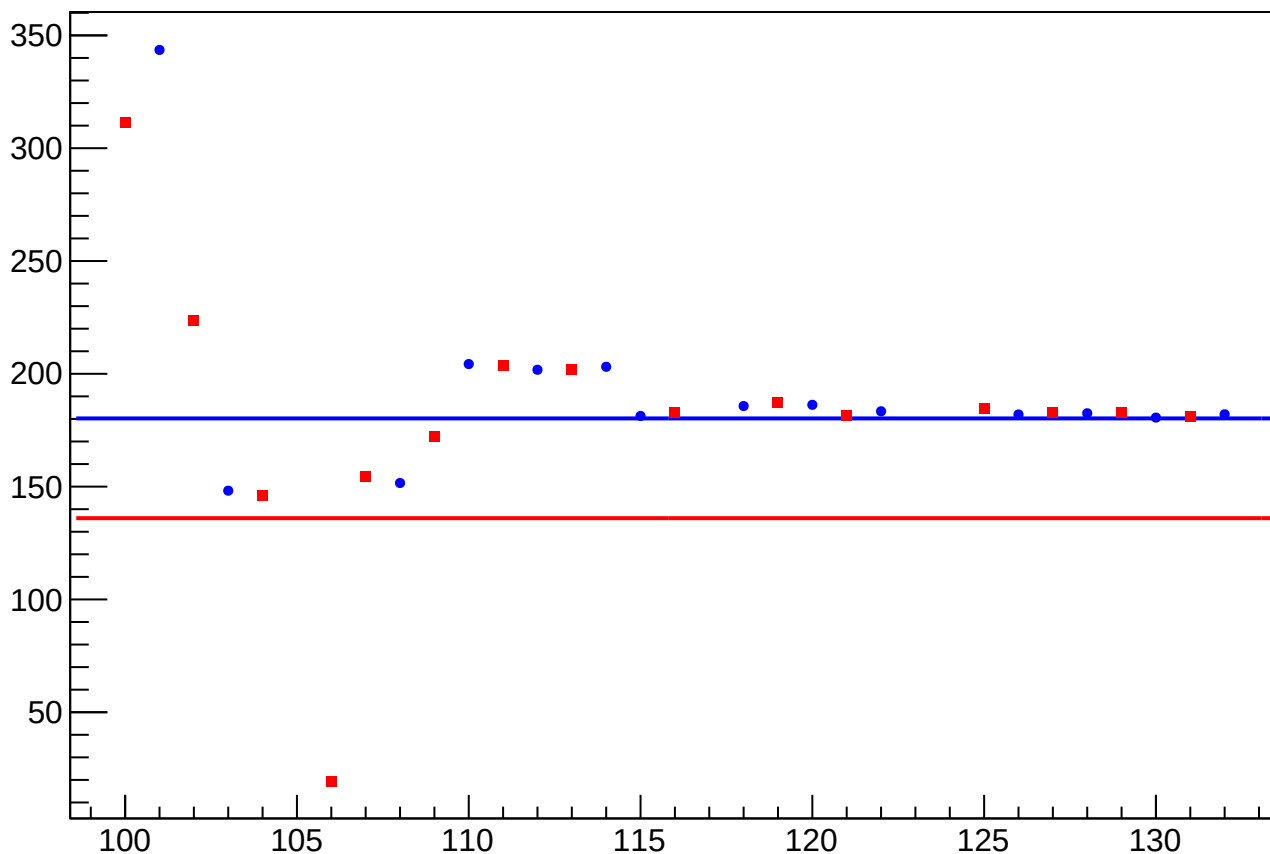
Right: -99.876 $\pm$ 1.612 χ^2 /NDF: 584.1/28

In: -107.227 $\pm$ 2.340 χ^2 /NDF: 262.0/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -99.876 $\pm$ 1.612 χ^2 /NDF: 584.1/28

reg_asym_us_avg_at2lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 180.230+/-0.140 χ^2/NDF : 114895.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.018+/-0.119 χ^2/NDF : 384326.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

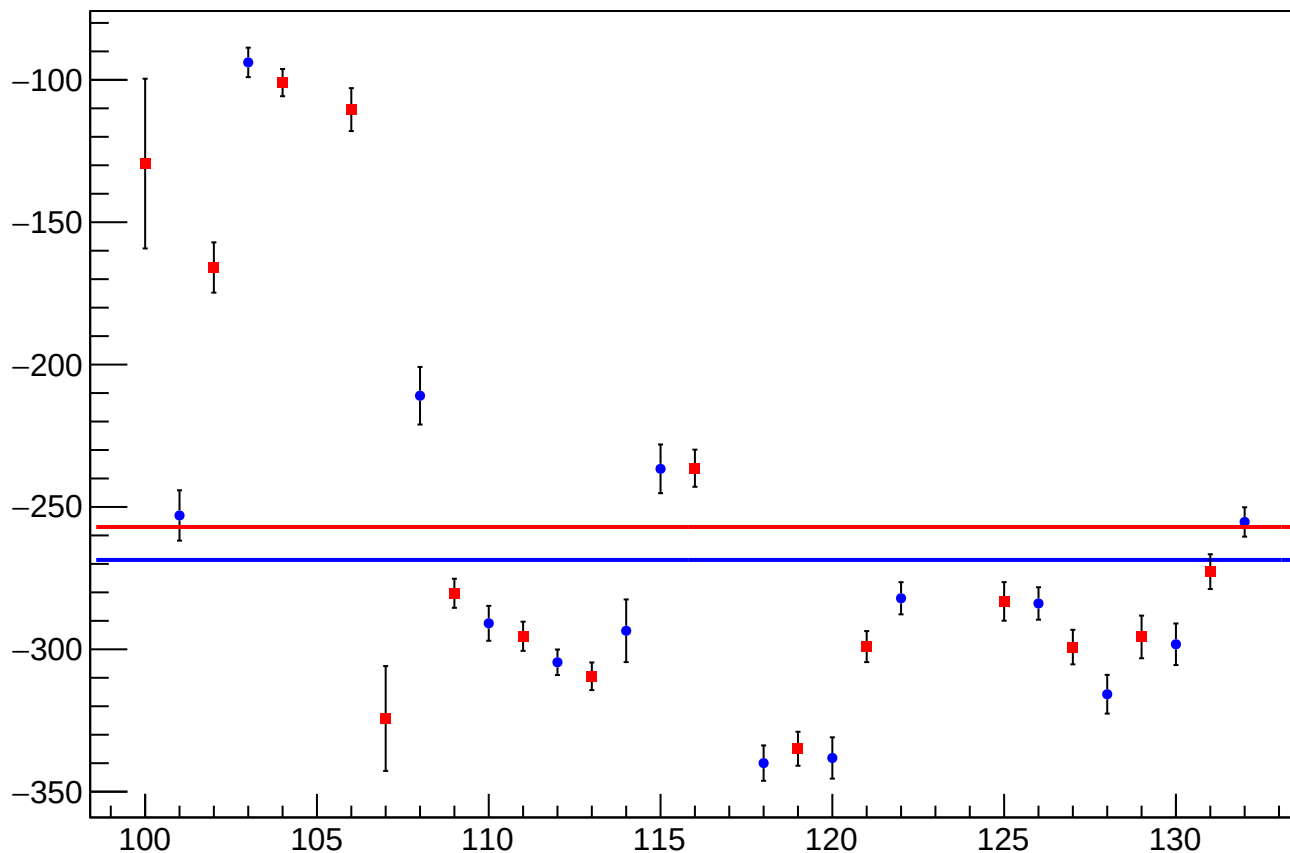
Right: 154.470+/-0.091 χ^2/NDF : 557026.6/28

In: 180.230+/-0.140 χ^2/NDF : 114895.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.470+/-0.091 χ^2/NDF : 557026.6/28

reg_asym_us_avg_atlr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -268.603+/-1.707 χ^2/NDF : 1579.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -257.038+/-1.630 χ^2/NDF : 2113.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

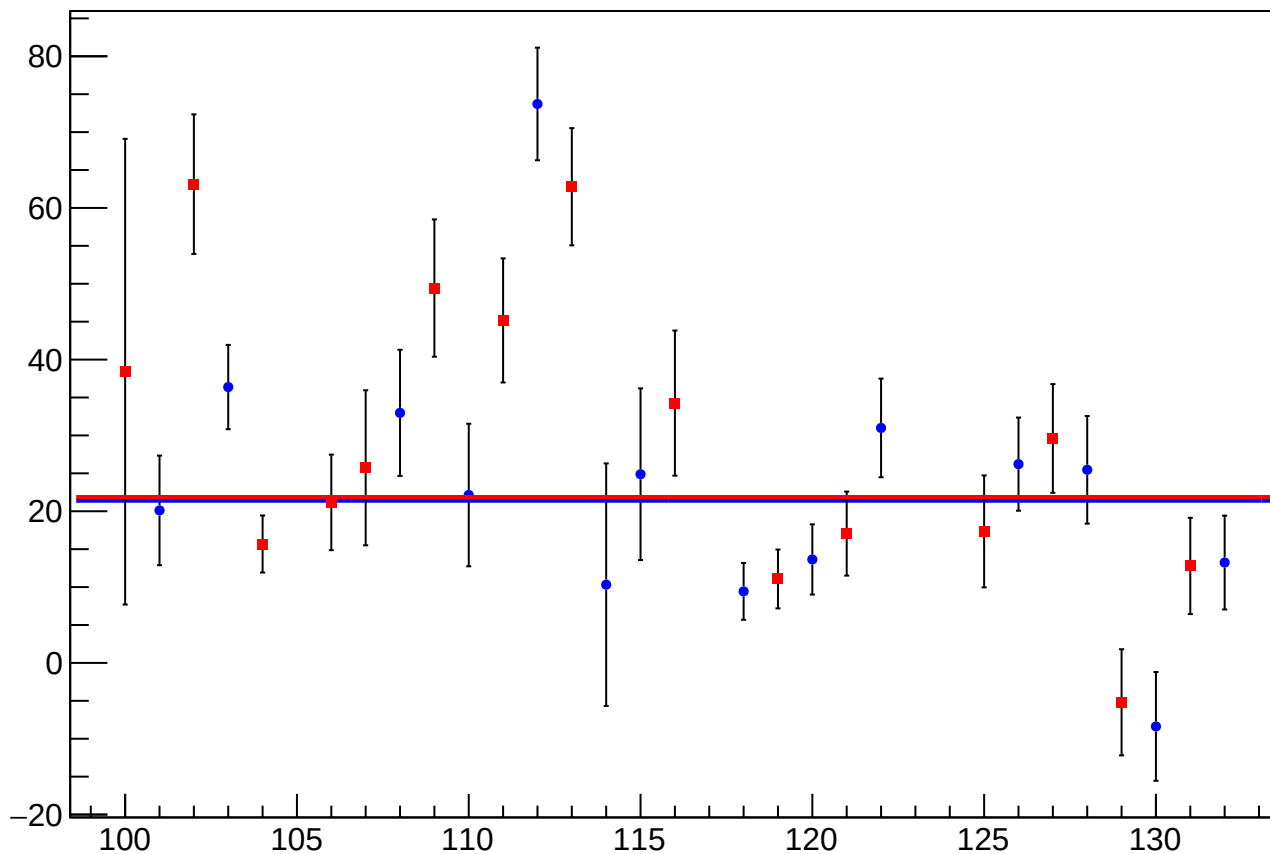
Right: -262.554+/-1.179 χ^2/NDF : 3717.2/28

In: -268.603+/-1.707 χ^2/NDF : 1579.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -262.554+/-1.179 χ^2/NDF : 3717.2/28

reg_asym_us_avg_atlr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 21.388+/-1.714 χ^2/NDF : 94.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.883+/-1.678 χ^2/NDF : 97.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

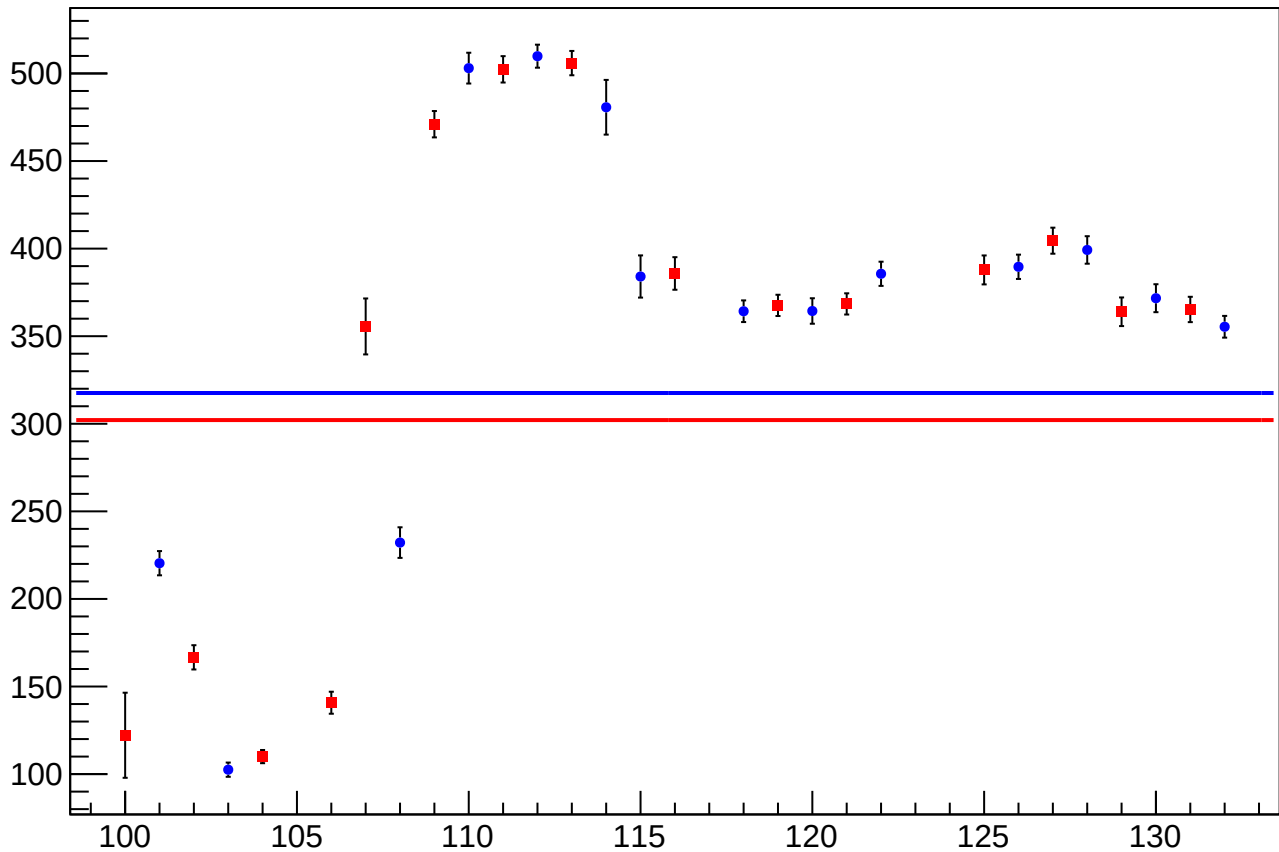
Right: 21.641+/-1.199 χ^2/NDF : 191.9/28

In: 21.388+/-1.714 χ^2/NDF : 94.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.641+/-1.199 χ^2/NDF : 191.9/28

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 317.567+/-1.869 χ^2/NDF : 5026.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 302.115+/-1.793 χ^2/NDF : 6528.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

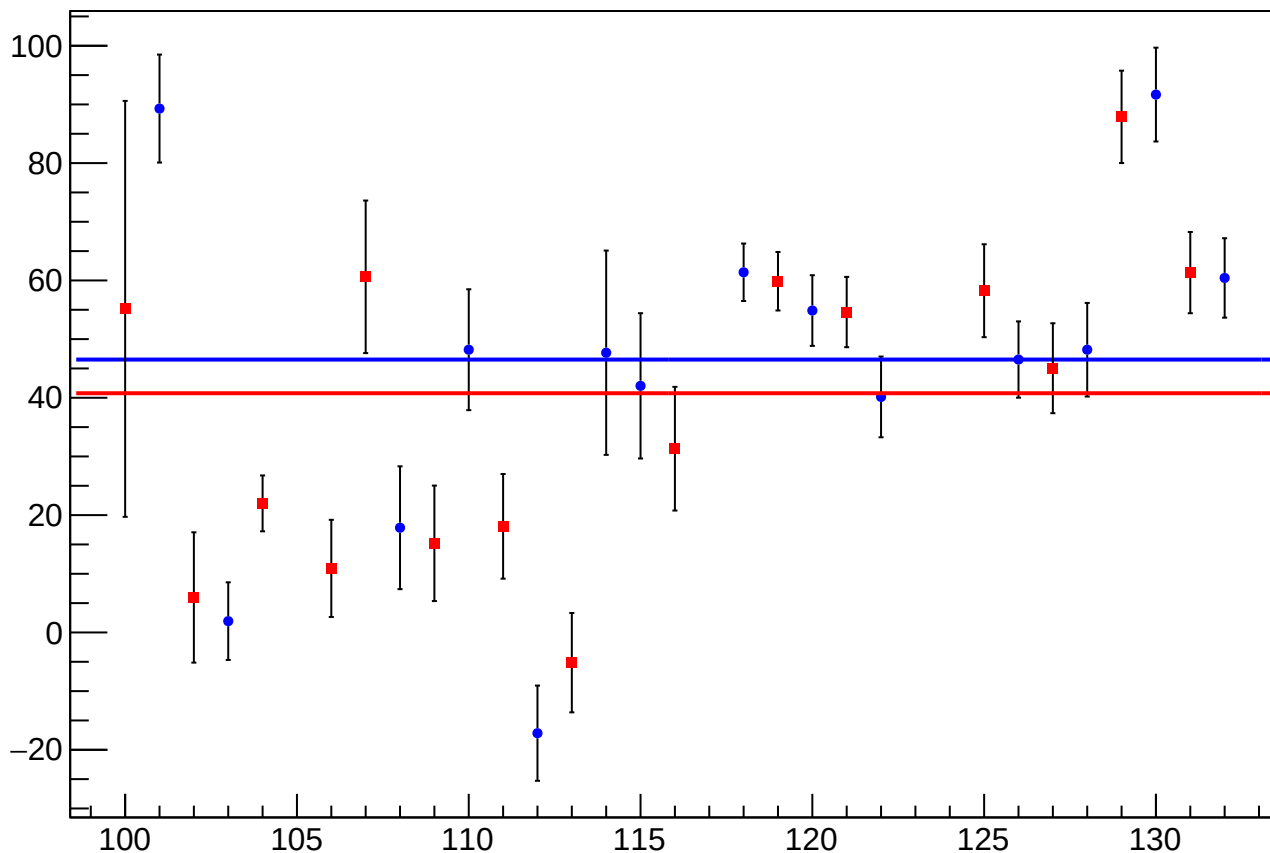
Right: 309.520+/-1.294 χ^2/NDF : 11591.4/28

In: 317.567+/-1.869 χ^2/NDF : 5026.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 309.520+/-1.294 χ^2/NDF : 11591.4/28

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 46.515+/-2.019 χ^2/NDF : 184.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.775+/-1.971 χ^2/NDF : 154.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

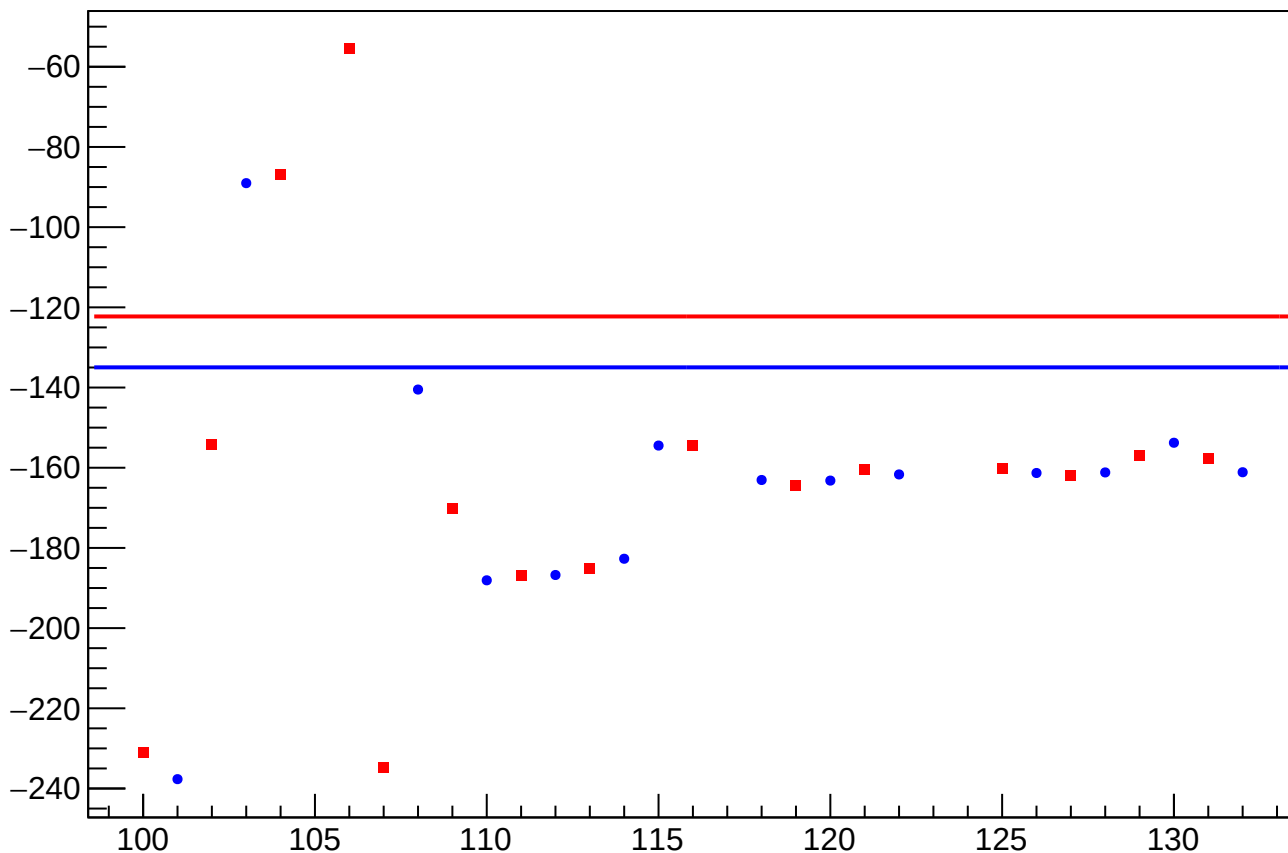
Right: 43.577+/-1.410 χ^2/NDF : 342.7/28

In: 46.515+/-2.019 χ^2/NDF : 184.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.577+/-1.410 χ^2/NDF : 342.7/28

reg_asym_us_avg_atlr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -134.967+/-0.113 χ^2/NDF : 169041.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -122.271+/-0.105 χ^2/NDF : 218039.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

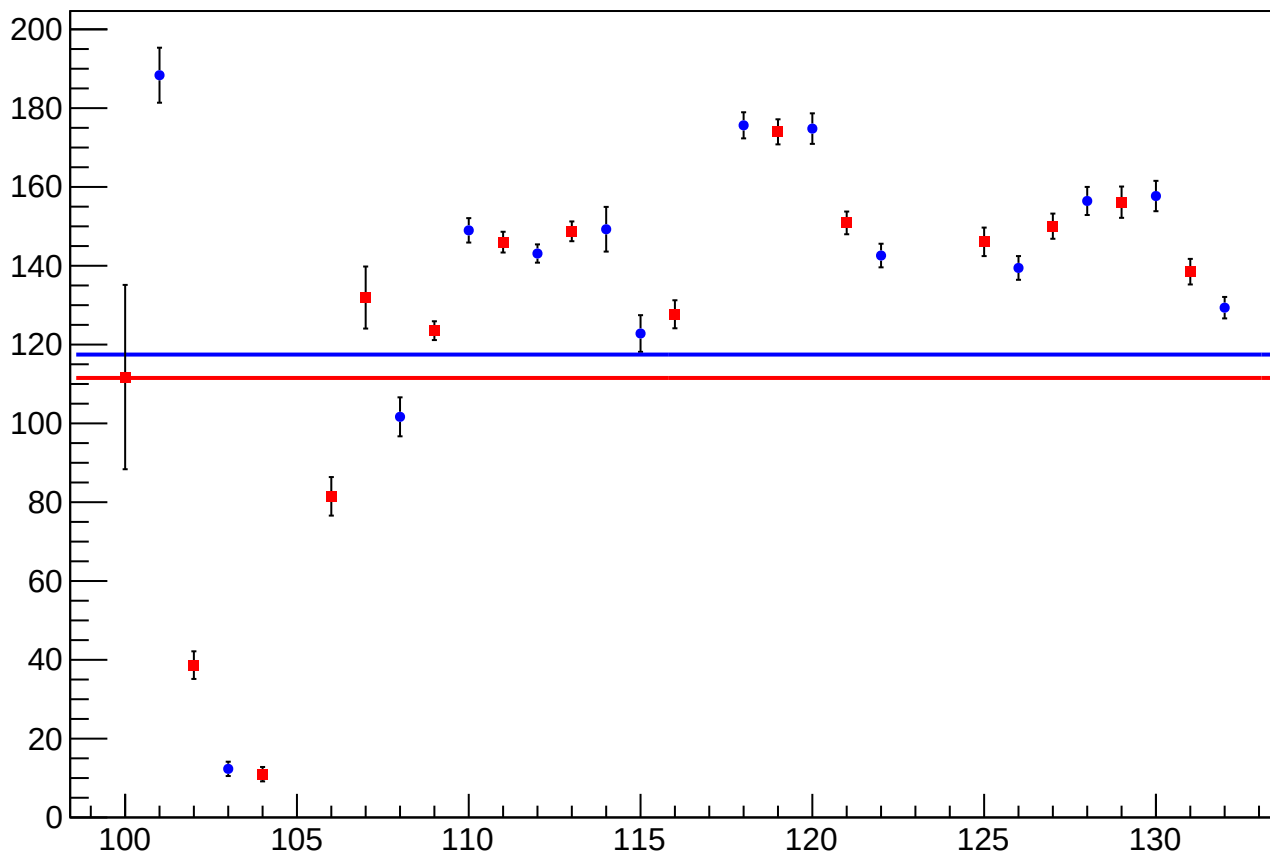
Right: -128.181+/-0.077 χ^2/NDF : 393871.3/28

In: -134.967+/-0.113 χ^2/NDF :169041.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -128.181+/-0.077 χ^2/NDF : 393871.3/28

reg_asym_us_avg_atlr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 117.465+/-0.848 χ^2/NDF : 4617.6/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 111.529+/-0.803 χ^2/NDF : 4946.1/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

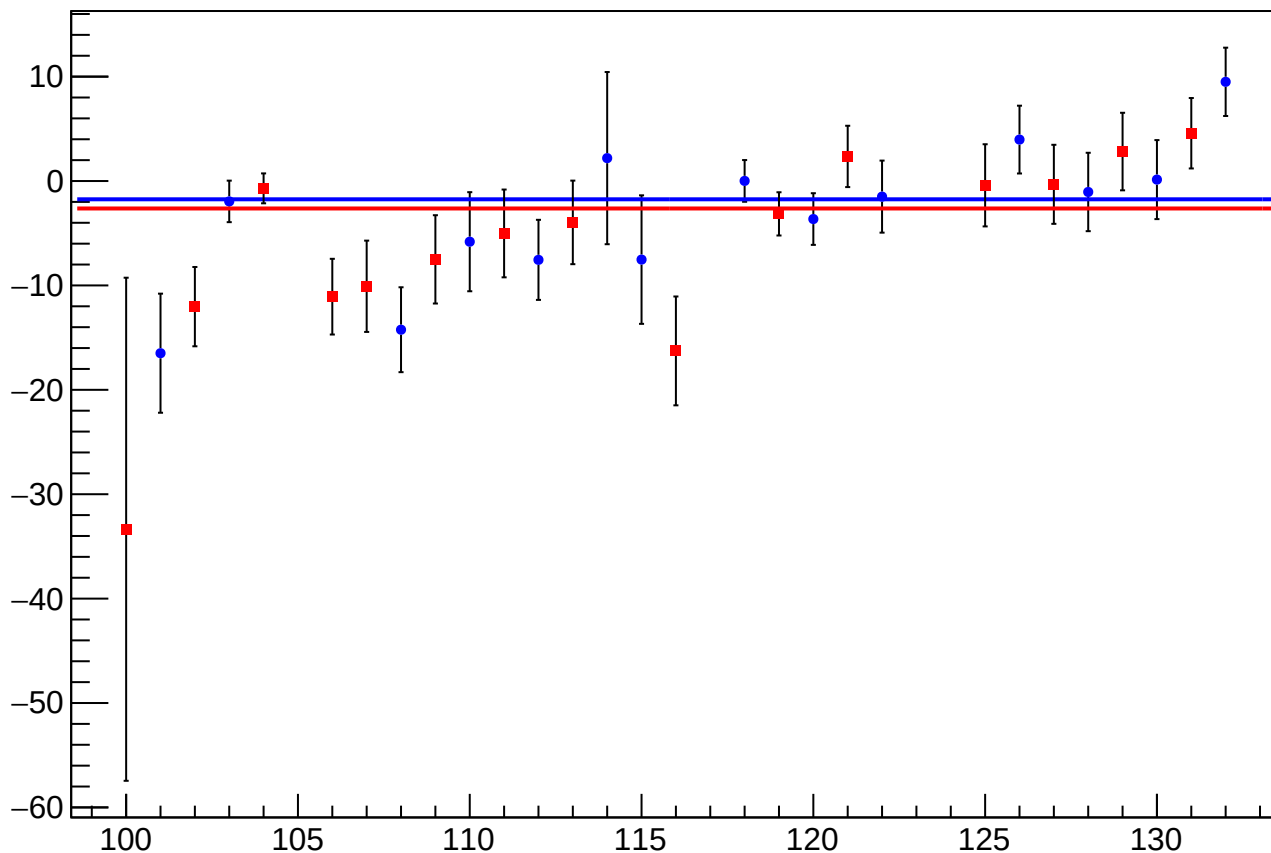
Right: 114.337+/-0.583 χ^2/NDF : 9589.5/28

In: 117.465+/-0.848 χ^2/NDF :4617.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 114.337+/-0.583 χ^2/NDF : 9589.5/28

reg_asym_us_avg_atlr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.750+/-0.869 χ^2/NDF : 36.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.630+/-0.805 χ^2/NDF : 36.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

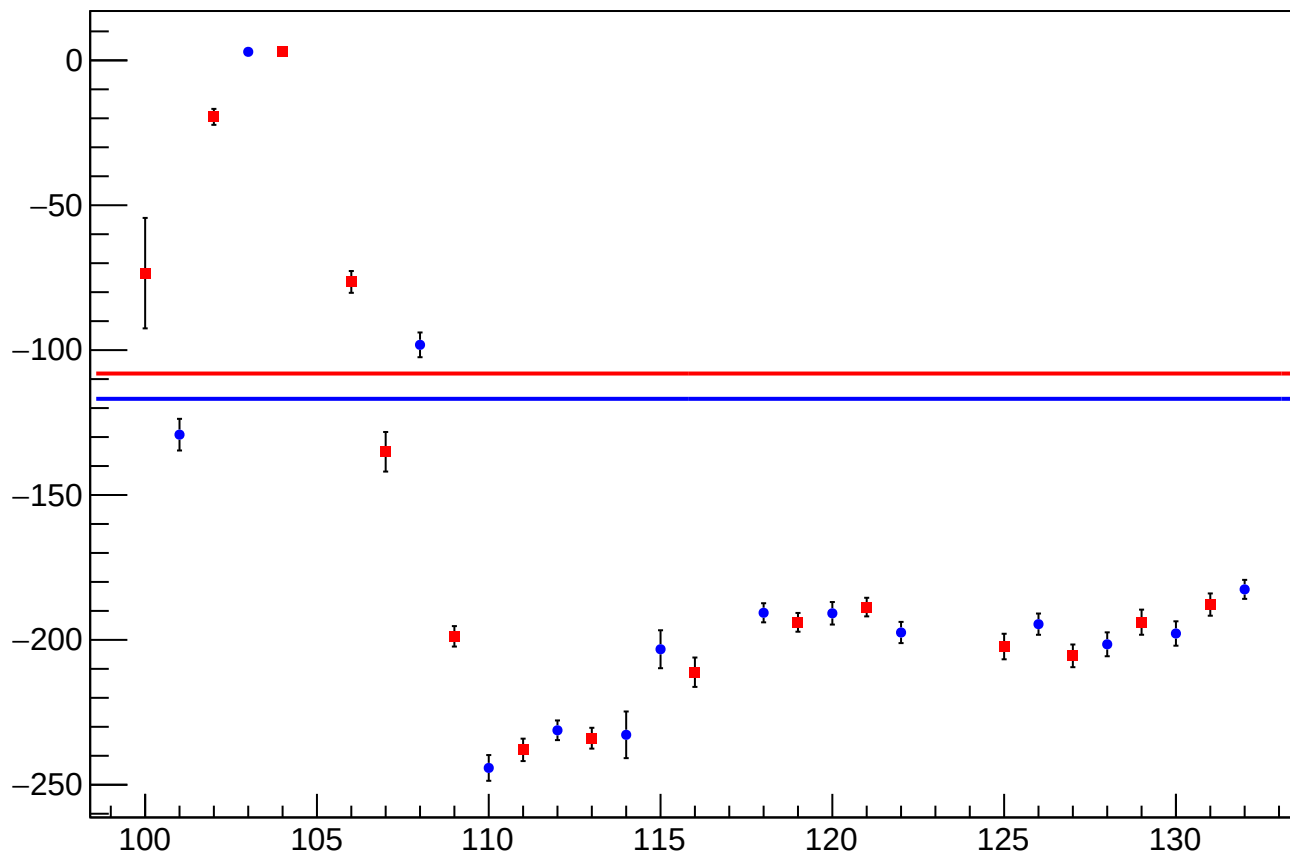
Right: -2.223+/-0.591 χ^2/NDF : 74.3/28

In: -1.750+/-0.869 χ^2/NDF :36.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.223+/-0.591 χ^2/NDF : 74.3/28

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -116.810+/-0.887 χ^2/NDF : 12391.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -108.081+/-0.845 χ^2/NDF : 13719.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

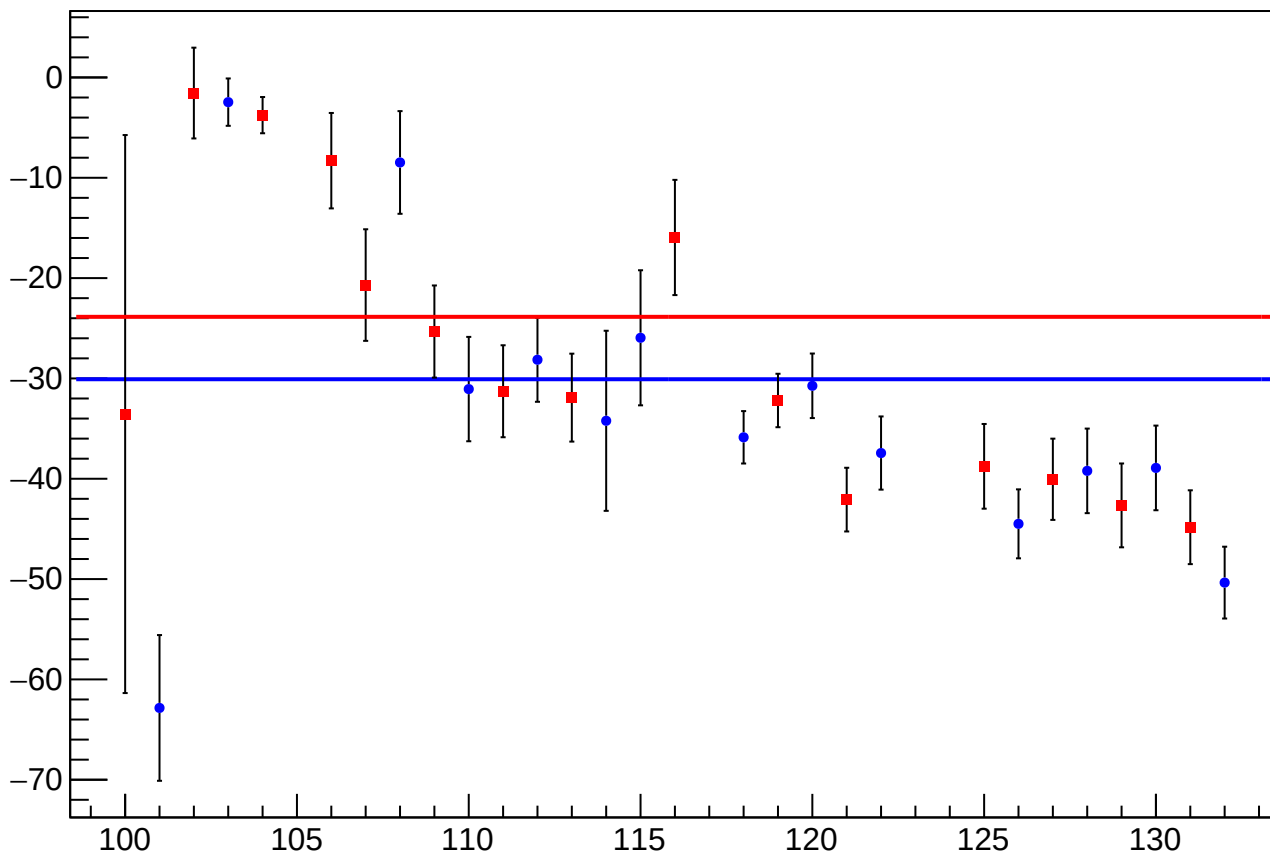
Right: -112.231+/-0.612 χ^2/NDF : 26162.4/28

In: -116.810+/-0.887 χ^2/NDF : 12391.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -112.231+/-0.612 χ^2/NDF : 26162.4/28

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -30.081 $\pm$ 1.021 χ^2 /NDF: 243.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -23.860 $\pm$ 0.954 χ^2 /NDF: 291.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

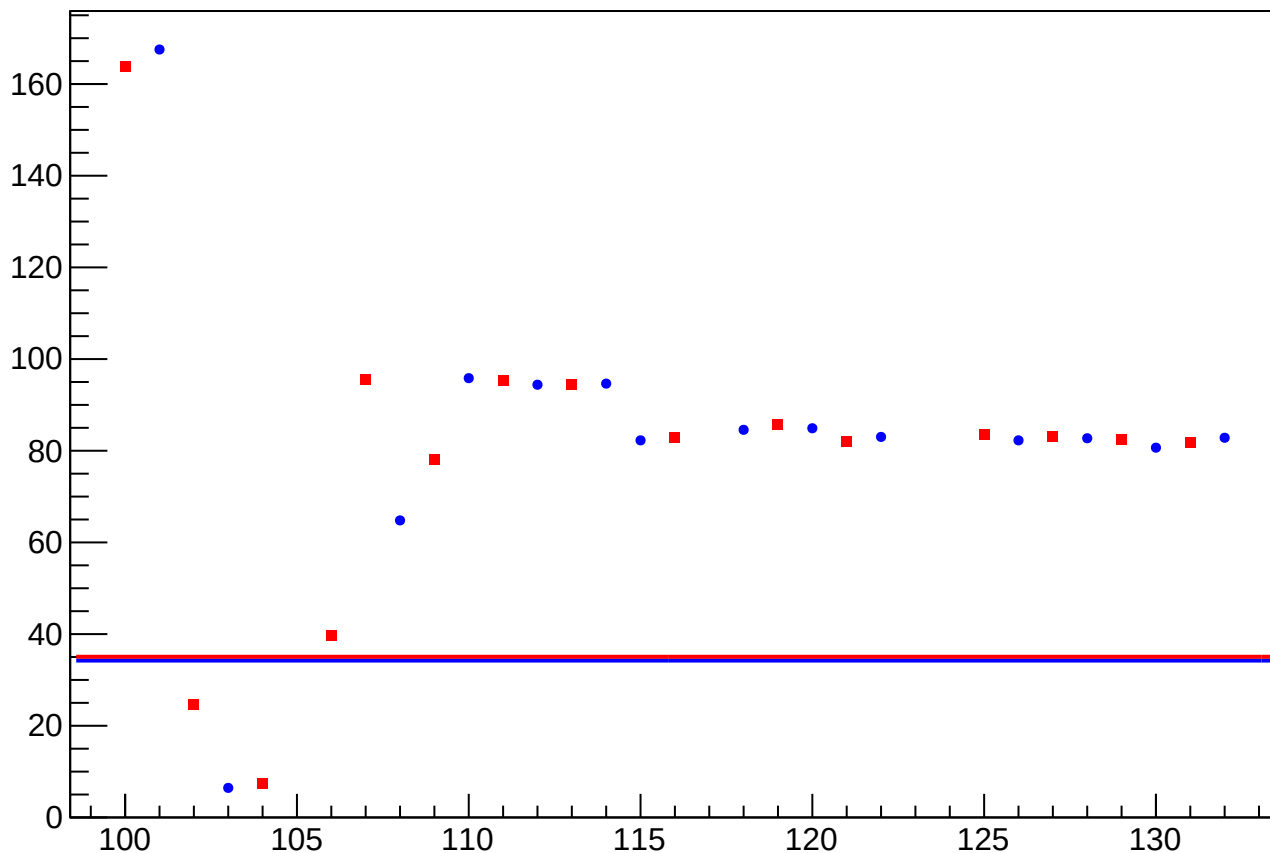
Right: -26.758 $\pm$ 0.697 χ^2 /NDF: 554.9/28

In: -30.081 $\pm$ 1.021 χ^2 /NDF:243.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -26.758 $\pm$ 0.697 χ^2 /NDF: 554.9/28

reg_asym_us_avg_atlr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 34.226+/-0.048 χ^2/NDF : 710700.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.055+/-0.048 χ^2/NDF : 524408.5/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

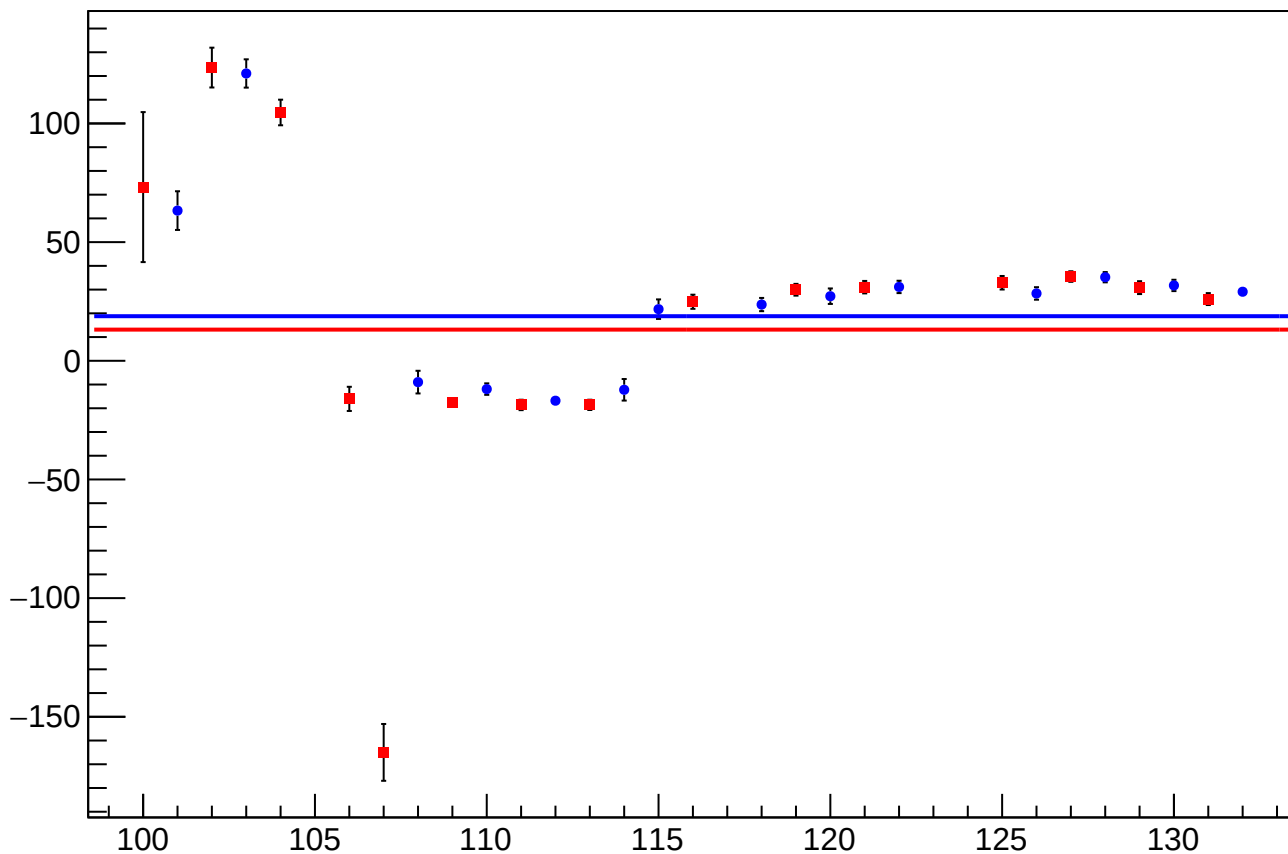
Right: 34.644+/-0.034 χ^2/NDF : 1235259.3/28

In: 34.226+/-0.048 χ^2/NDF : 710700.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.644+/-0.034 χ^2/NDF : 1235259.3/28

reg_asym_us_dd_at1lr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 18.790 $\pm$ 0.756 χ^2 /NDF: 1030.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 13.139 $\pm$ 0.748 χ^2 /NDF: 1688.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

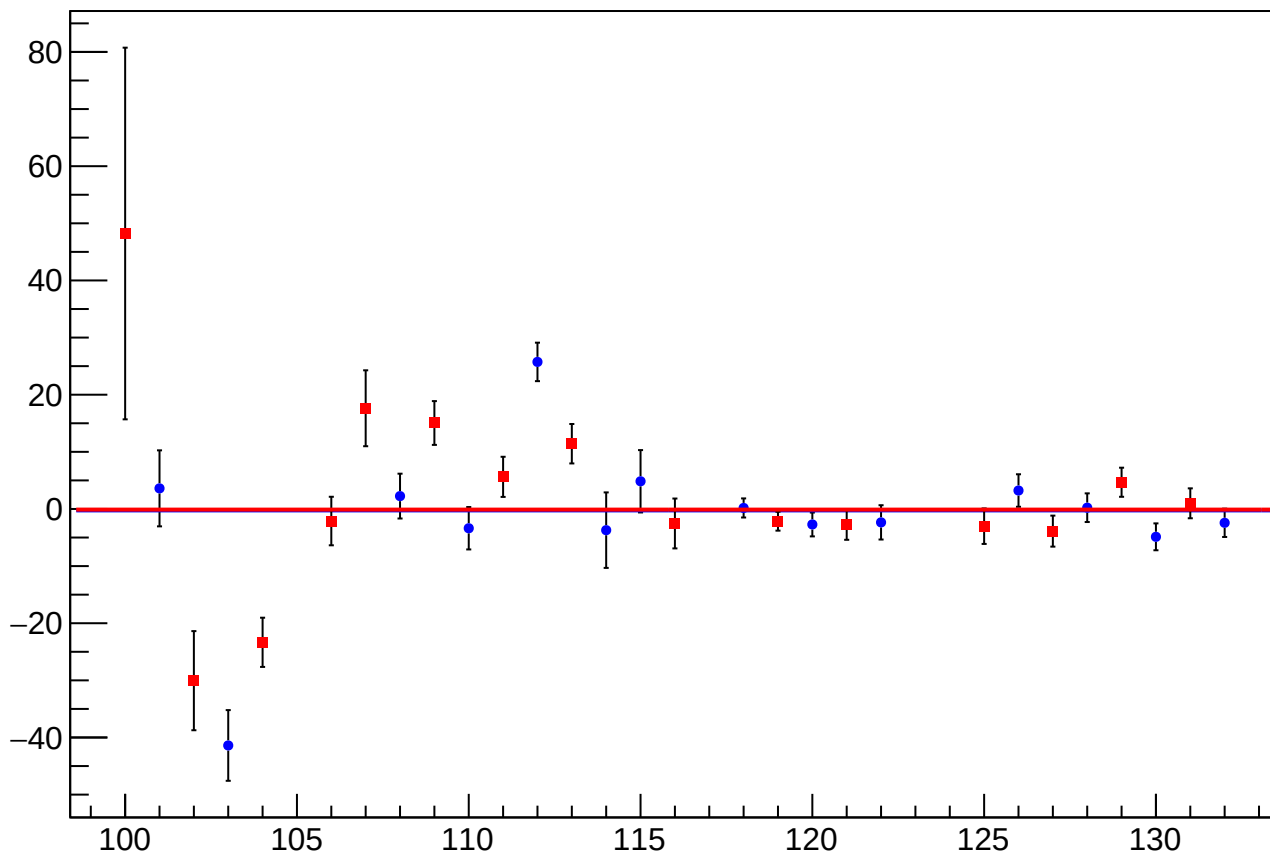
Right: 15.931 $\pm$ 0.532 χ^2 /NDF: 2747.1/28

In: 18.790 $\pm$ 0.756 χ^2 /NDF:1030.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 15.931 $\pm$ 0.532 χ^2 /NDF: 2747.1/28

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.249+/-0.777 χ^2 /NDF: 114.5/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.112+/-0.823 χ^2 /NDF: 89.3/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

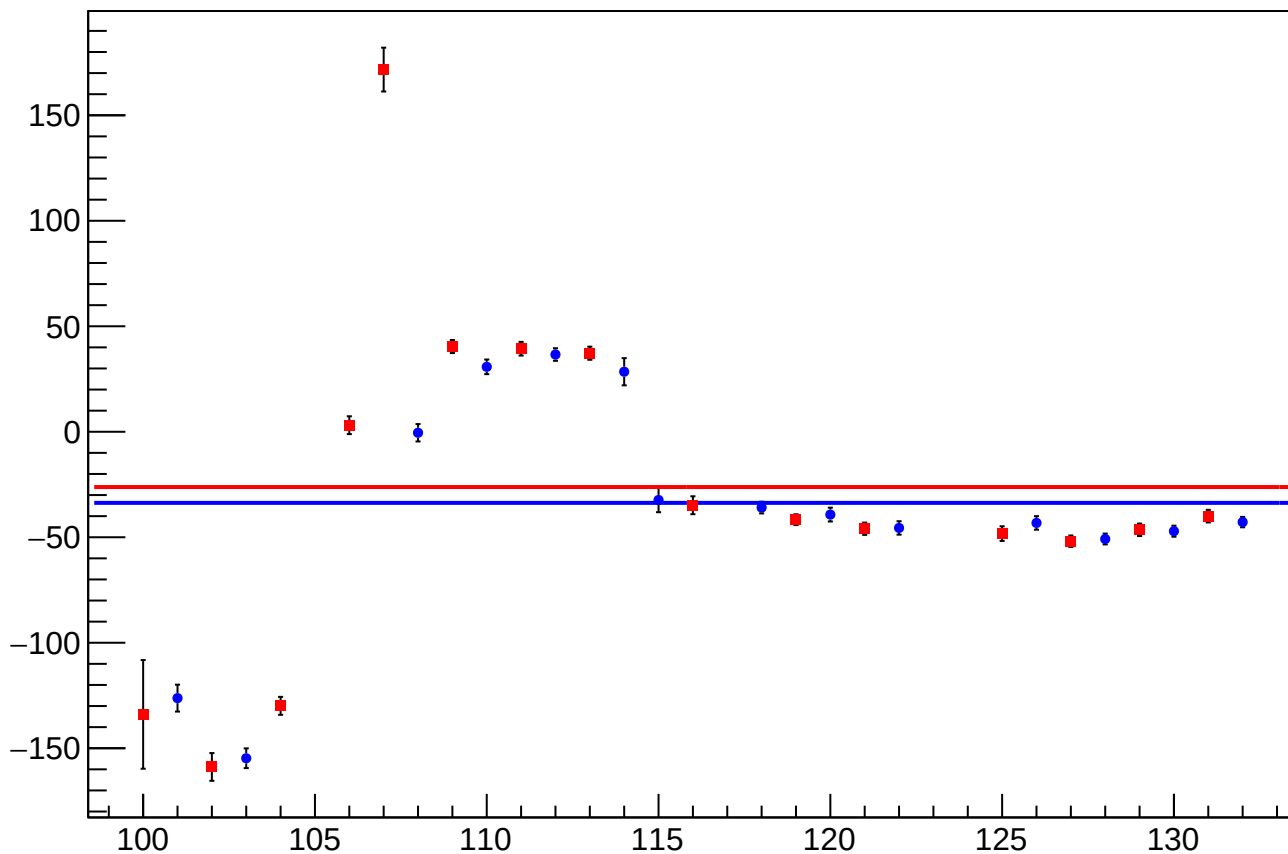
Right: -0.184+/-0.565 χ^2 /NDF: 203.8/28

In: -0.249+/-0.777 χ^2 /NDF:114.5/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.184+/-0.565 χ^2 /NDF: 203.8/28

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -33.700+/-0.891 χ^2/NDF : 2052.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -26.199+/-0.905 χ^2/NDF : 3007.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

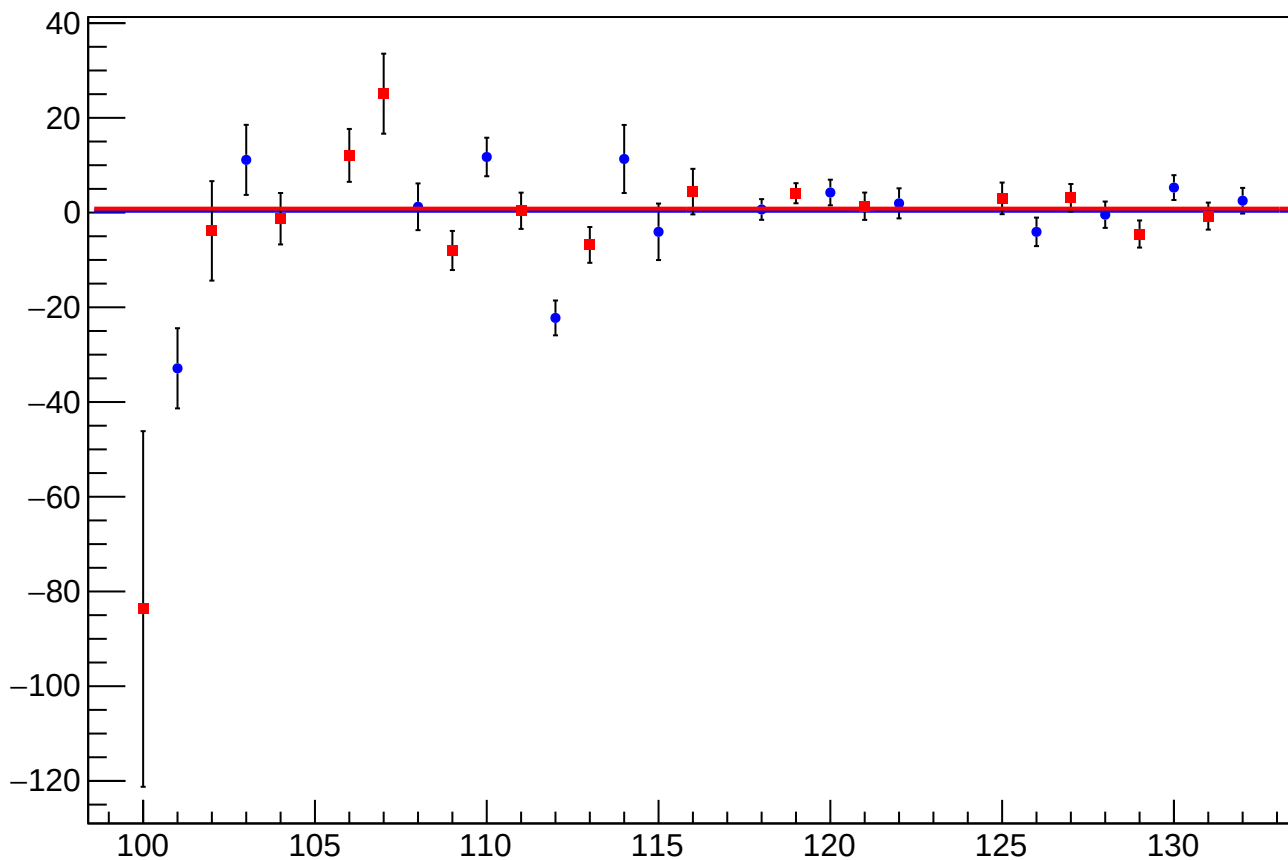
Right: -30.009+/-0.635 χ^2/NDF : 5094.7/28

In: -33.700+/-0.891 χ^2/NDF : 2052.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.009+/-0.635 χ^2/NDF : 5094.7/28

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.388+/-0.905 χ^2/NDF : 74.7/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.829+/-0.943 χ^2/NDF : 34.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

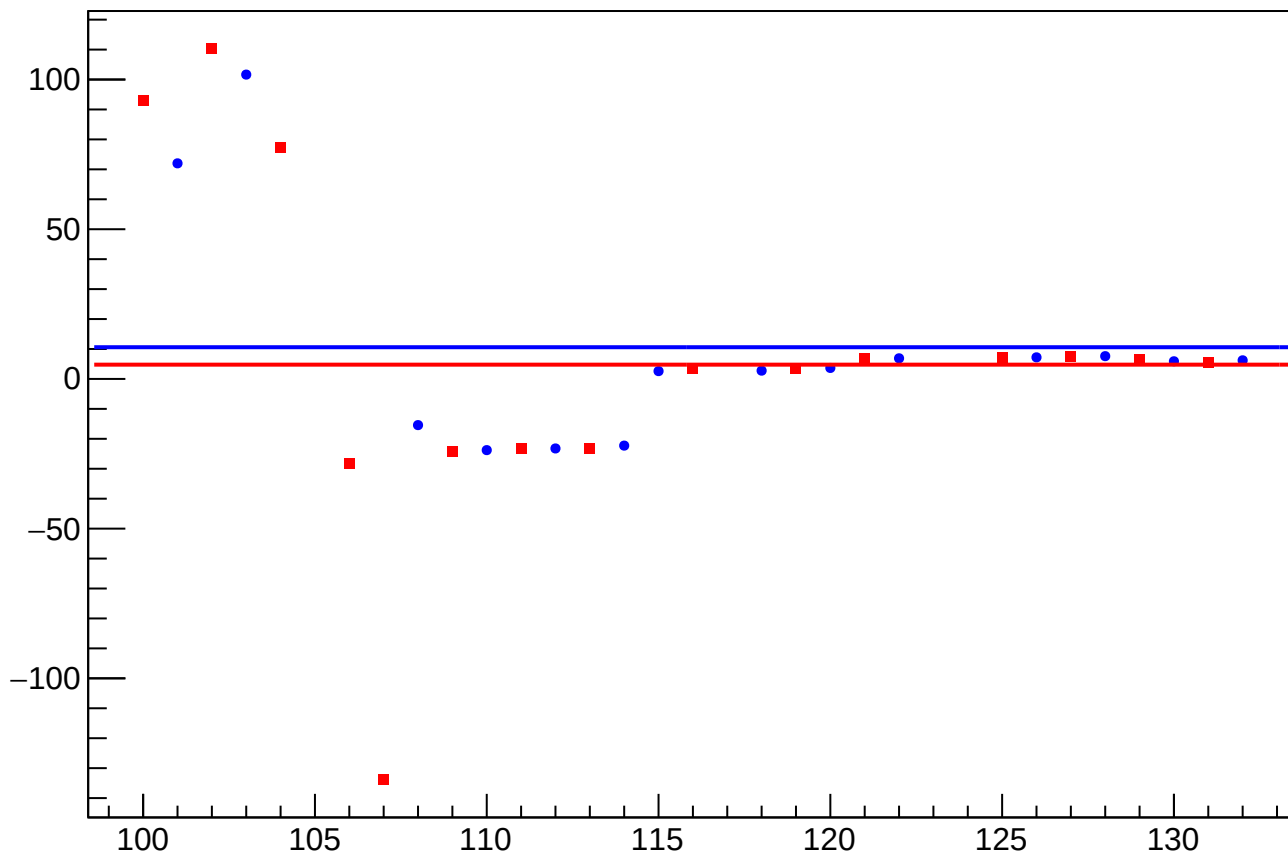
Right: 0.599+/-0.653 χ^2/NDF : 109.1/28

In: 0.388+/-0.905 χ^2/NDF : 74.7/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.599+/-0.653 χ^2/NDF : 109.1/28

reg_asym_us_dd_at1lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.590+/-0.064 χ^2/NDF : 309375.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.767+/-0.064 χ^2/NDF : 446601.0/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

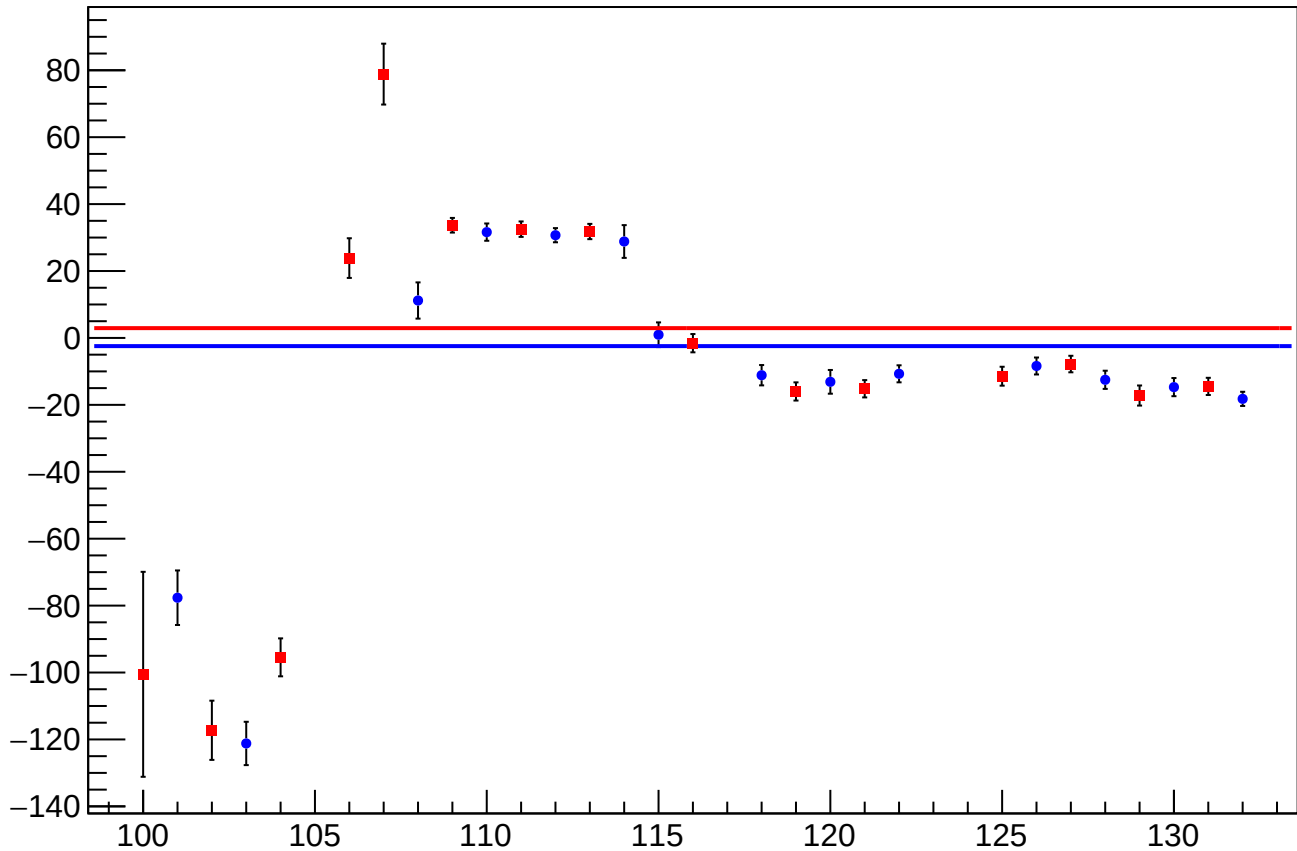
Right: 7.698+/-0.045 χ^2/NDF : 760097.8/28

In: 10.590+/-0.064 χ^2/NDF : 309375.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.698+/-0.045 χ^2/NDF : 760097.8/28

reg_asym_us_dd_at1lr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.444+/-0.802 χ^2/NDF : 1011.1/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2.929+/-0.780 χ^2/NDF : 1336.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

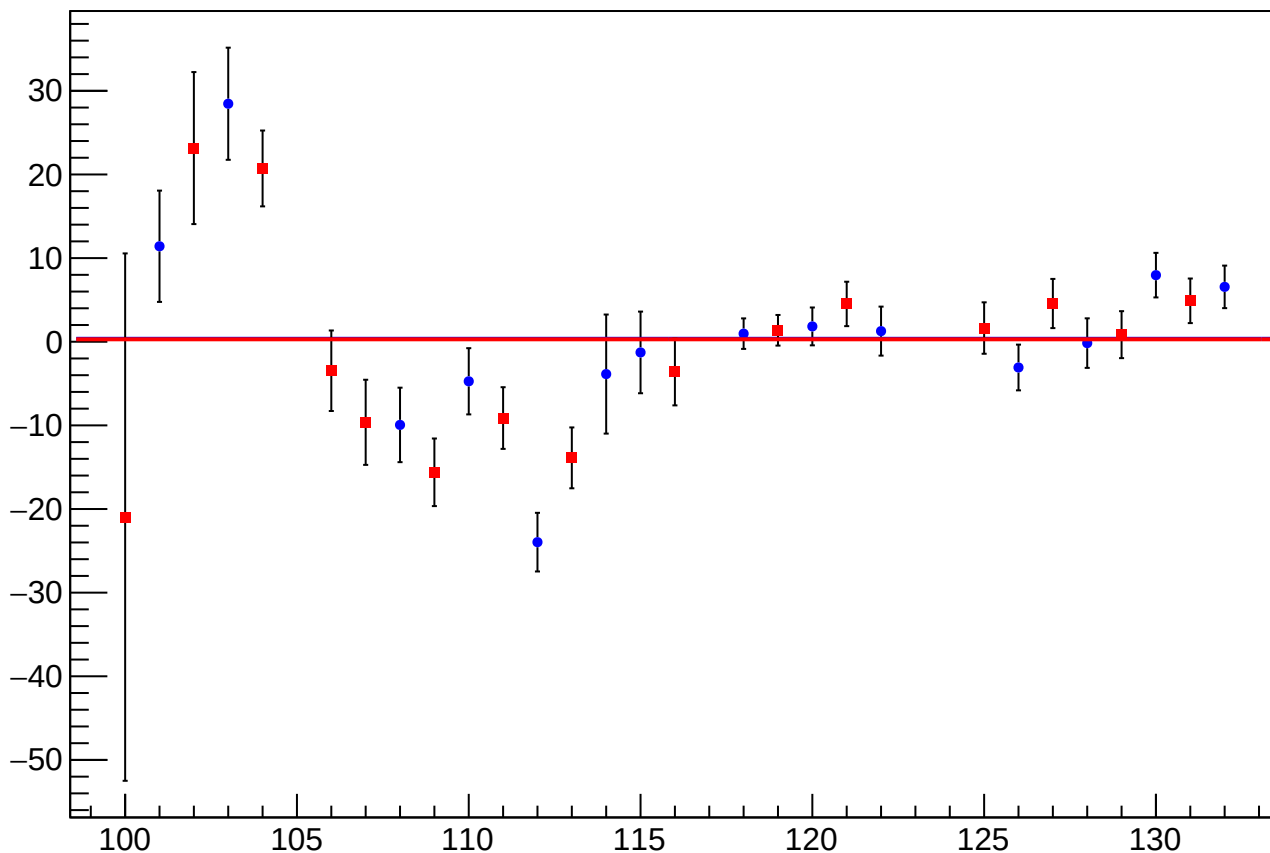
Right: 0.319+/-0.559 χ^2/NDF : 2370.9/28

In: -2.444+/-0.802 χ^2/NDF :1011.1/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.319+/-0.559 χ^2/NDF : 2370.9/28

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.352 $\pm$ 0.828 χ^2 /NDF: 92.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.292 $\pm$ 0.862 χ^2 /NDF: 77.8/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

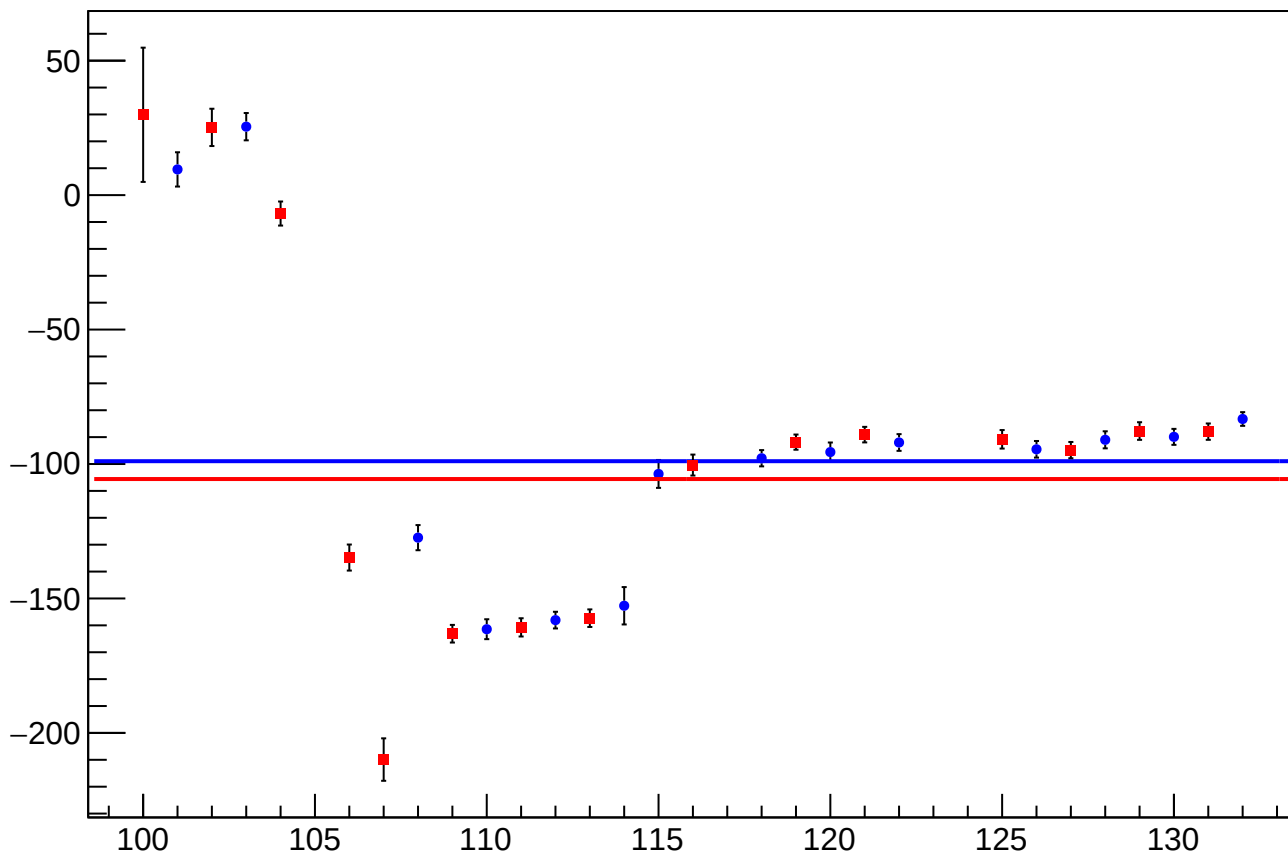
Right: 0.323 $\pm$ 0.597 χ^2 /NDF: 170.1/28

In: 0.352 $\pm$ 0.828 χ^2 /NDF:92.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.323 $\pm$ 0.597 χ^2 /NDF: 170.1/28

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -98.949 $\pm$ 0.950 χ^2 /NDF: 1697.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -105.586 $\pm$ 0.949 χ^2 /NDF: 2057.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

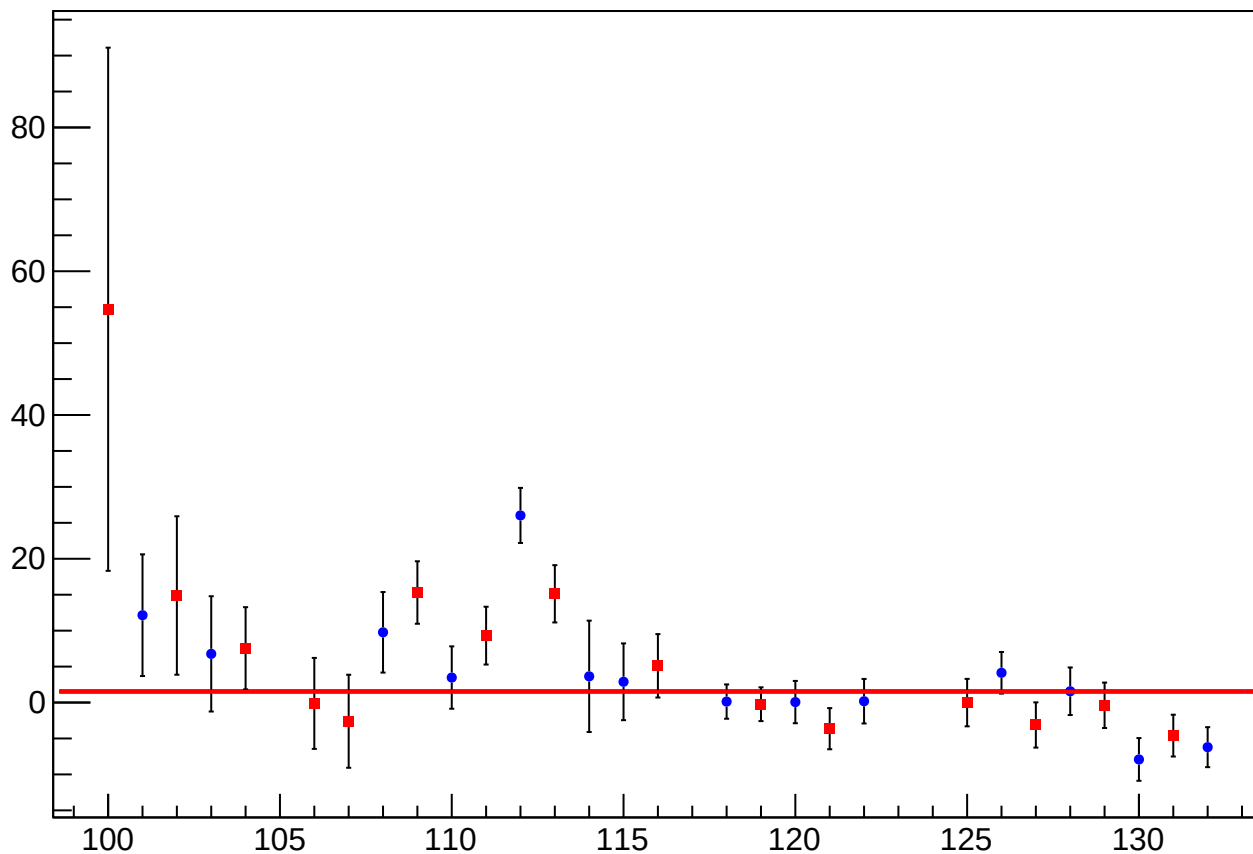
Right: -102.271 $\pm$ 0.671 χ^2 /NDF: 3779.5/28

In: -98.949 $\pm$ 0.950 χ^2 /NDF:1697.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -102.271 $\pm$ 0.671 χ^2 /NDF: 3779.5/28

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.564+/-0.961 χ^2/NDF : 64.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.498+/-0.984 χ^2/NDF : 42.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

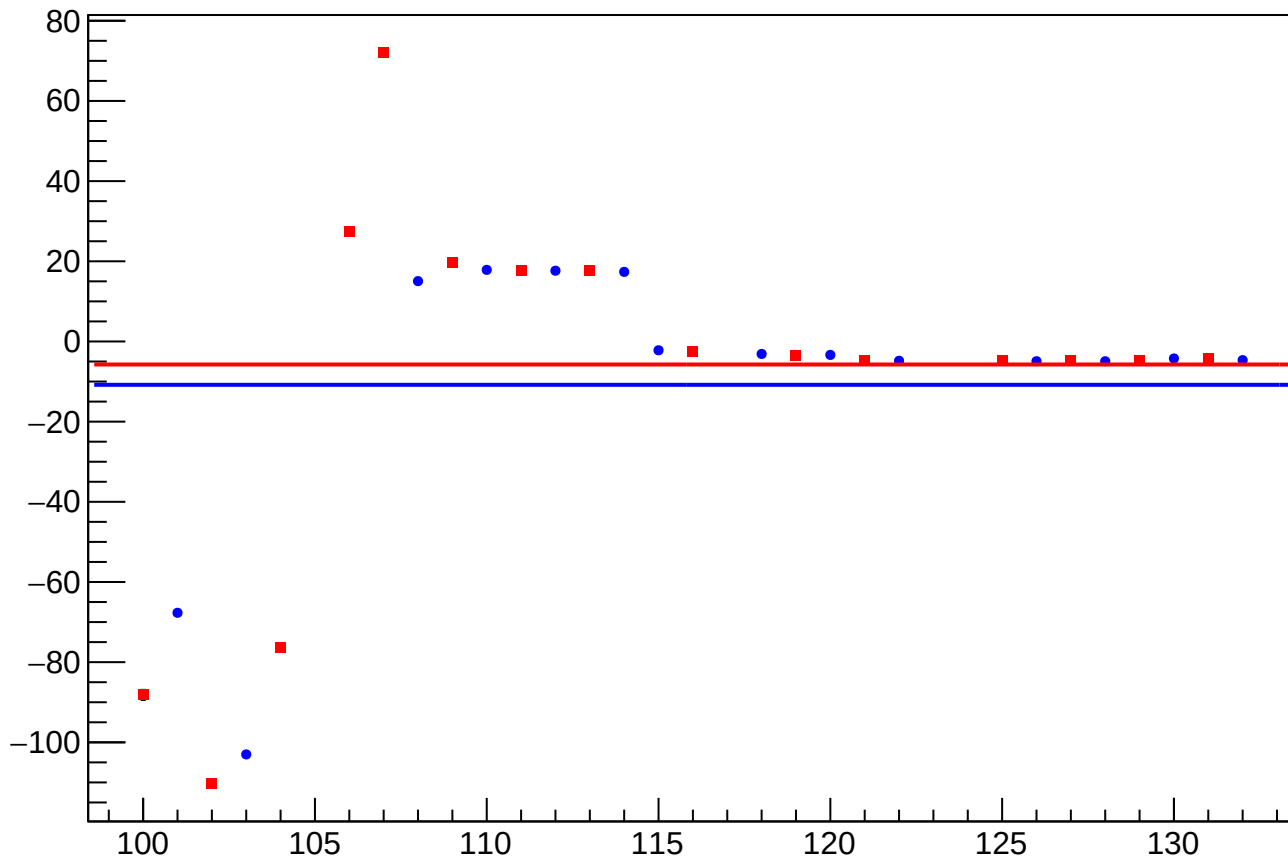
Right: 1.532+/-0.688 χ^2/NDF : 107.2/28

In: 1.564+/-0.961 χ^2/NDF : 64.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.532+/-0.688 χ^2/NDF : 107.2/28

reg_asym_us_dd_at1lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -10.813+/-0.068 χ^2/NDF : 258719.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -5.744+/-0.068 χ^2/NDF : 338886.9/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

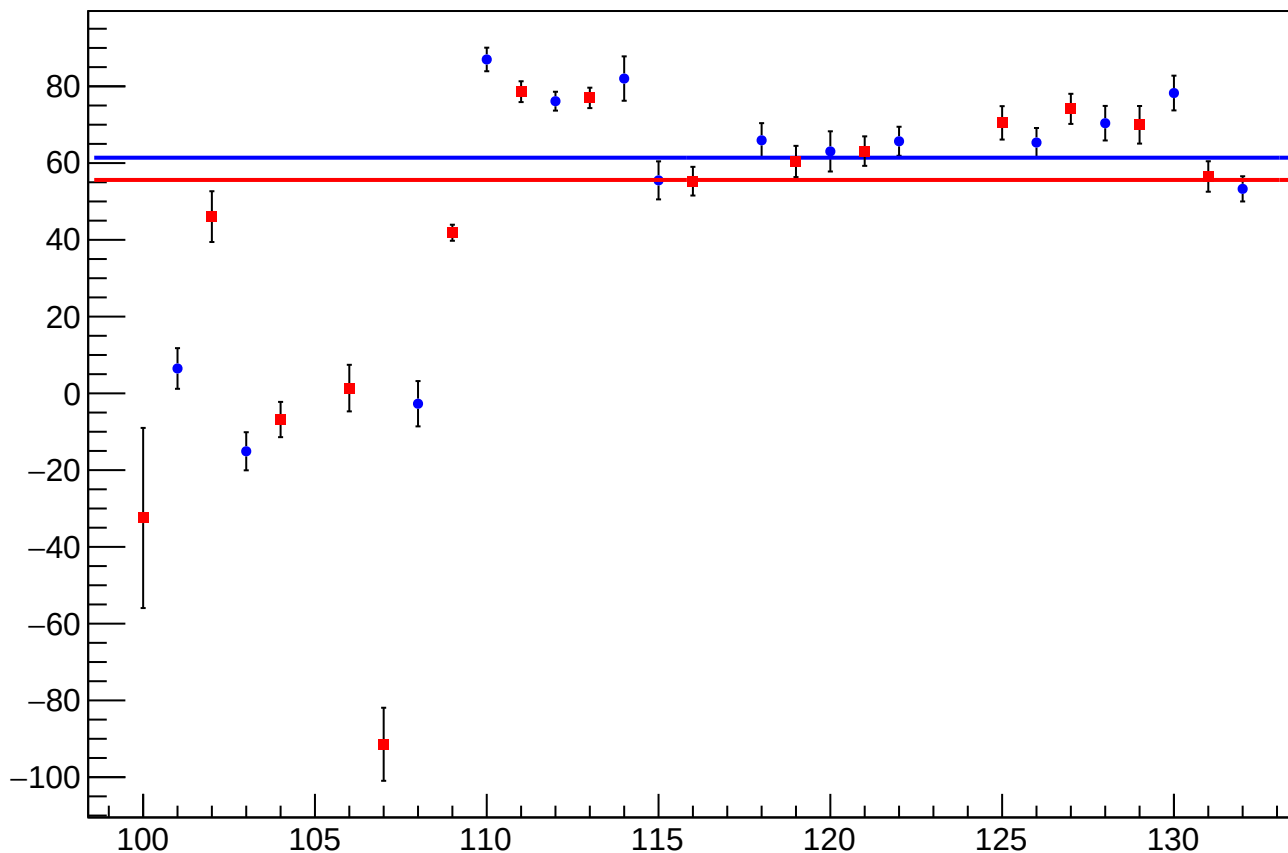
Right: -8.243+/-0.048 χ^2/NDF : 600383.8/28

In: -10.813+/-0.068 χ^2/NDF :258719.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -8.243+/-0.048 χ^2/NDF : 600383.8/28

reg_asym_us_dd_at2lr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 61.404 $\pm$ 1.076 χ^2 /NDF: 609.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 55.604 $\pm$ 0.981 χ^2 /NDF: 747.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

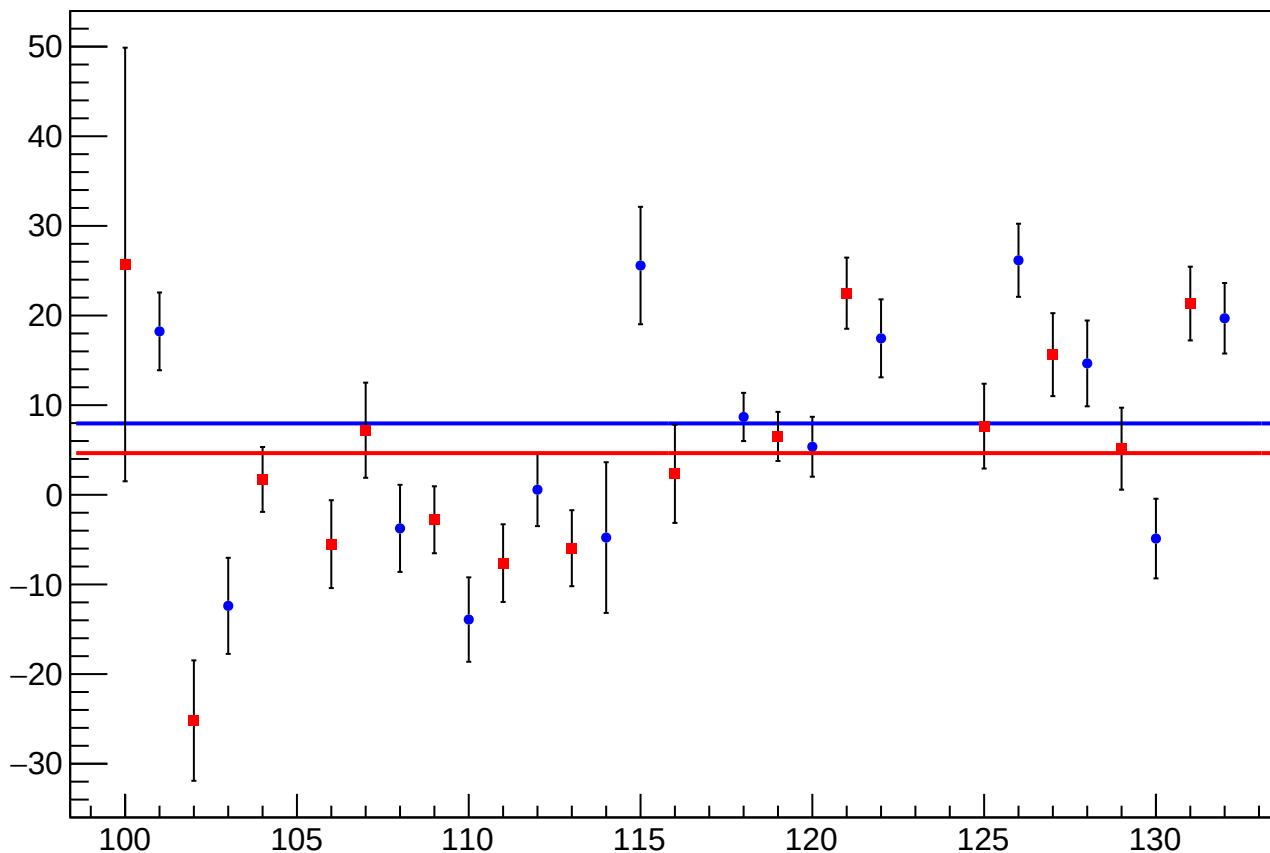
Right: 58.238 $\pm$ 0.725 χ^2 /NDF: 1372.7/28

In: 61.404 $\pm$ 1.076 χ^2 /NDF:609.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 58.238 $\pm$ 0.725 χ^2 /NDF: 1372.7/28

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.963 $\pm$ 1.137 χ^2 /NDF: 104.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4.652 $\pm$ 1.128 χ^2 /NDF: 87.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

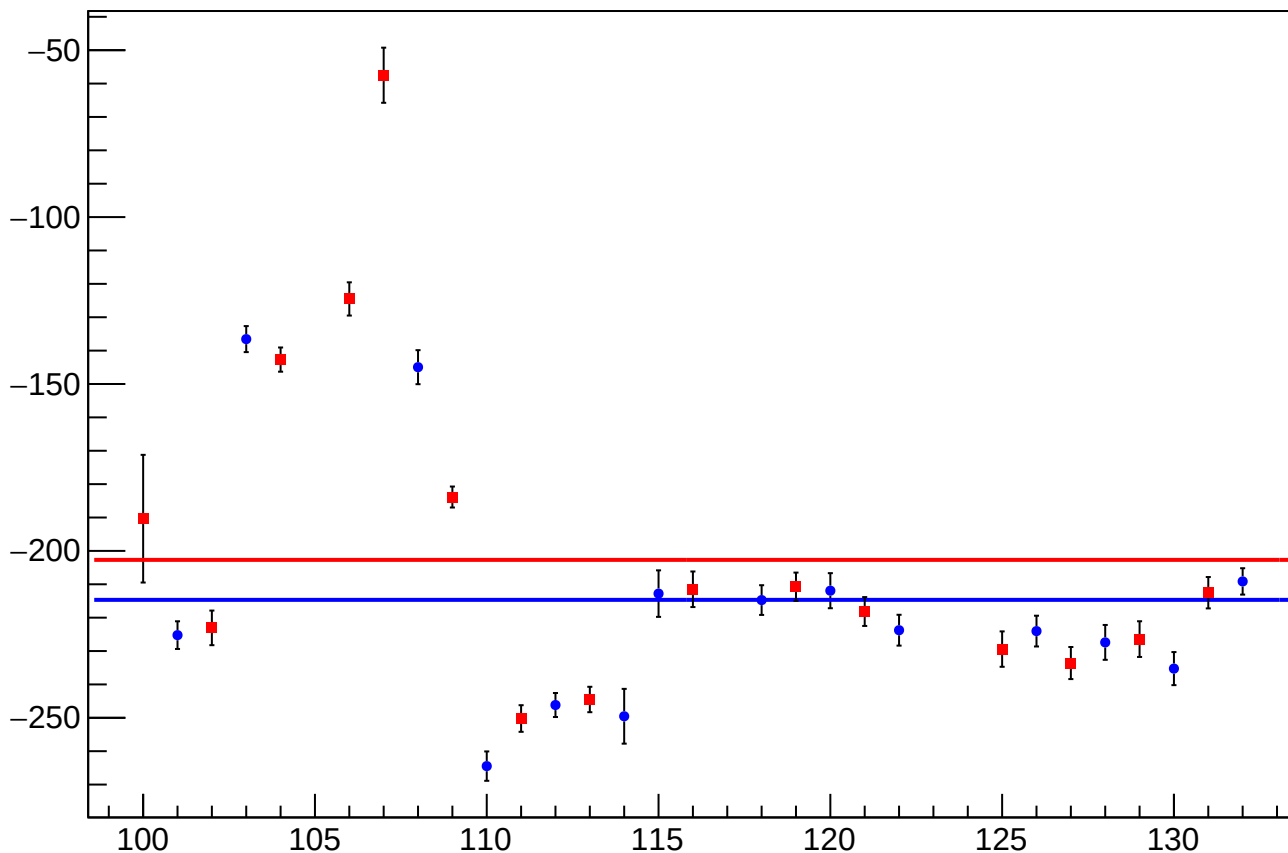
Right: 6.294 $\pm$ 0.801 χ^2 /NDF: 196.4/28

In: 7.963 $\pm$ 1.137 χ^2 /NDF:104.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 6.294 $\pm$ 0.801 χ^2 /NDF: 196.4/28

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -214.665+/-1.241 χ^2/NDF : 851.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -202.688+/-1.188 χ^2/NDF : 1254.3/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

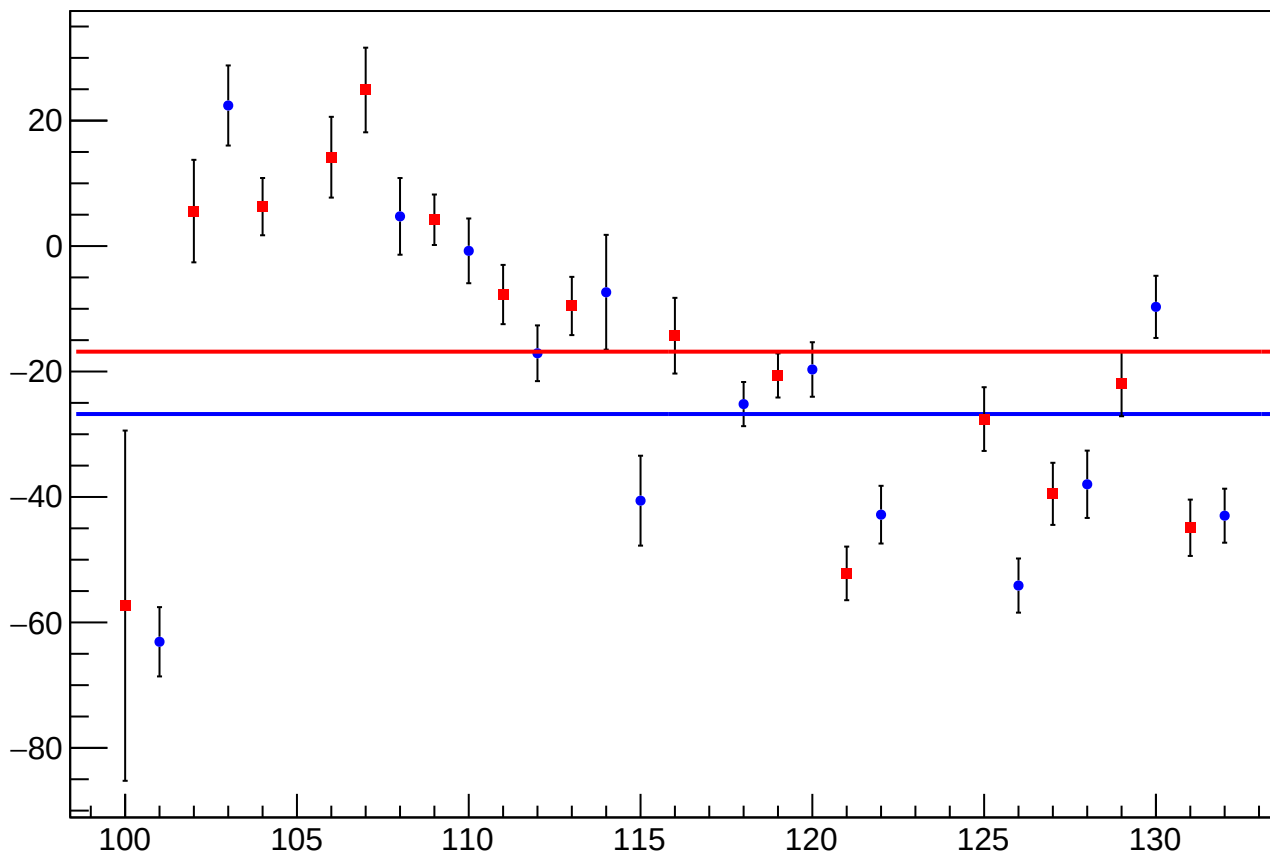
Right: -208.415+/-0.858 χ^2/NDF : 2154.4/28

In: -214.665+/-1.241 χ^2/NDF : 851.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -208.415+/-0.858 χ^2/NDF : 2154.4/28

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -26.778 ± 1.327 χ^2/NDF : 253.1/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -16.834 ± 1.298 χ^2/NDF : 265.5/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

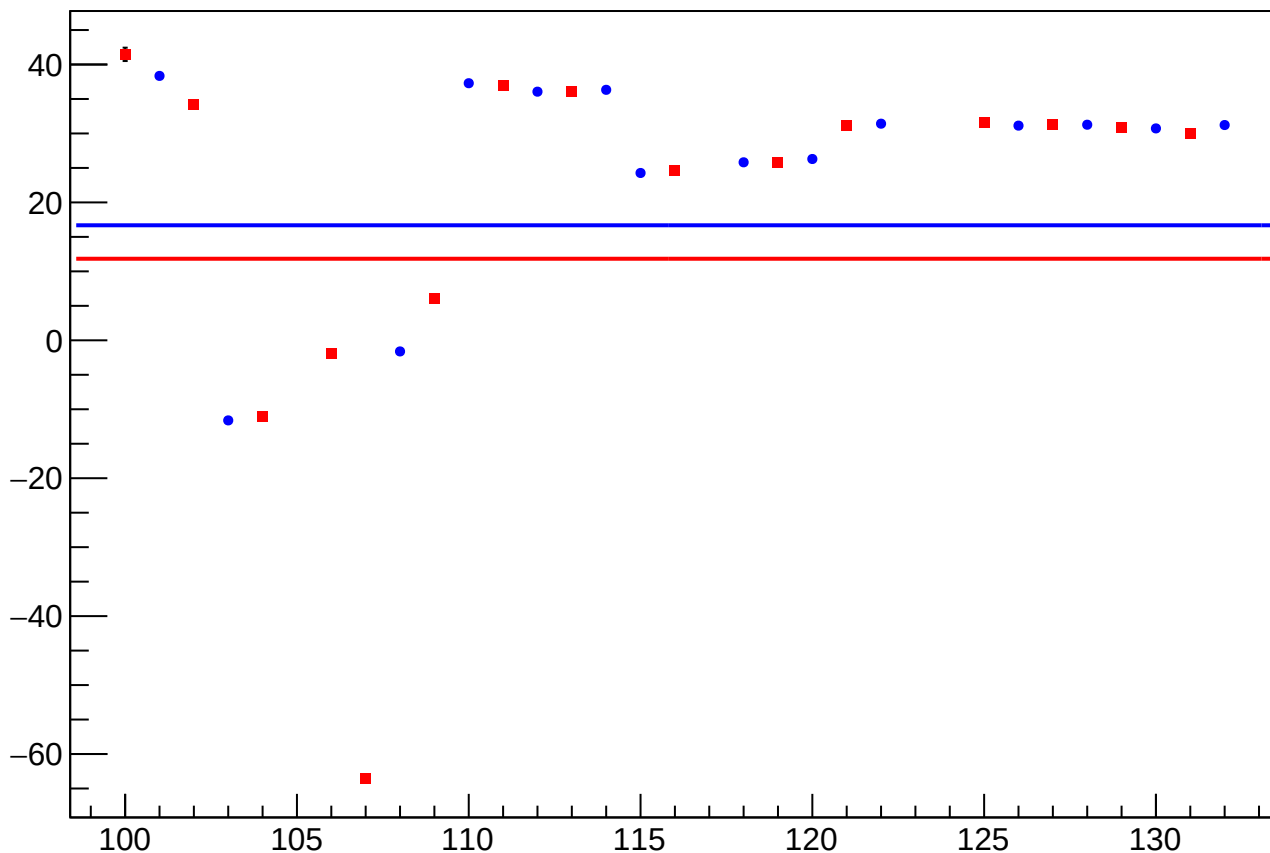
Right: -21.695 ± 0.928 χ^2/NDF : 547.2/28

In: -26.778 ± 1.327 χ^2/NDF : 253.1/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -21.695 ± 0.928 χ^2/NDF : 547.2/28

reg_asym_us_dd_at2lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 16.683 $\pm$ 0.081 χ^2 /NDF: 63613.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.830 $\pm$ 0.076 χ^2 /NDF: 111185.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

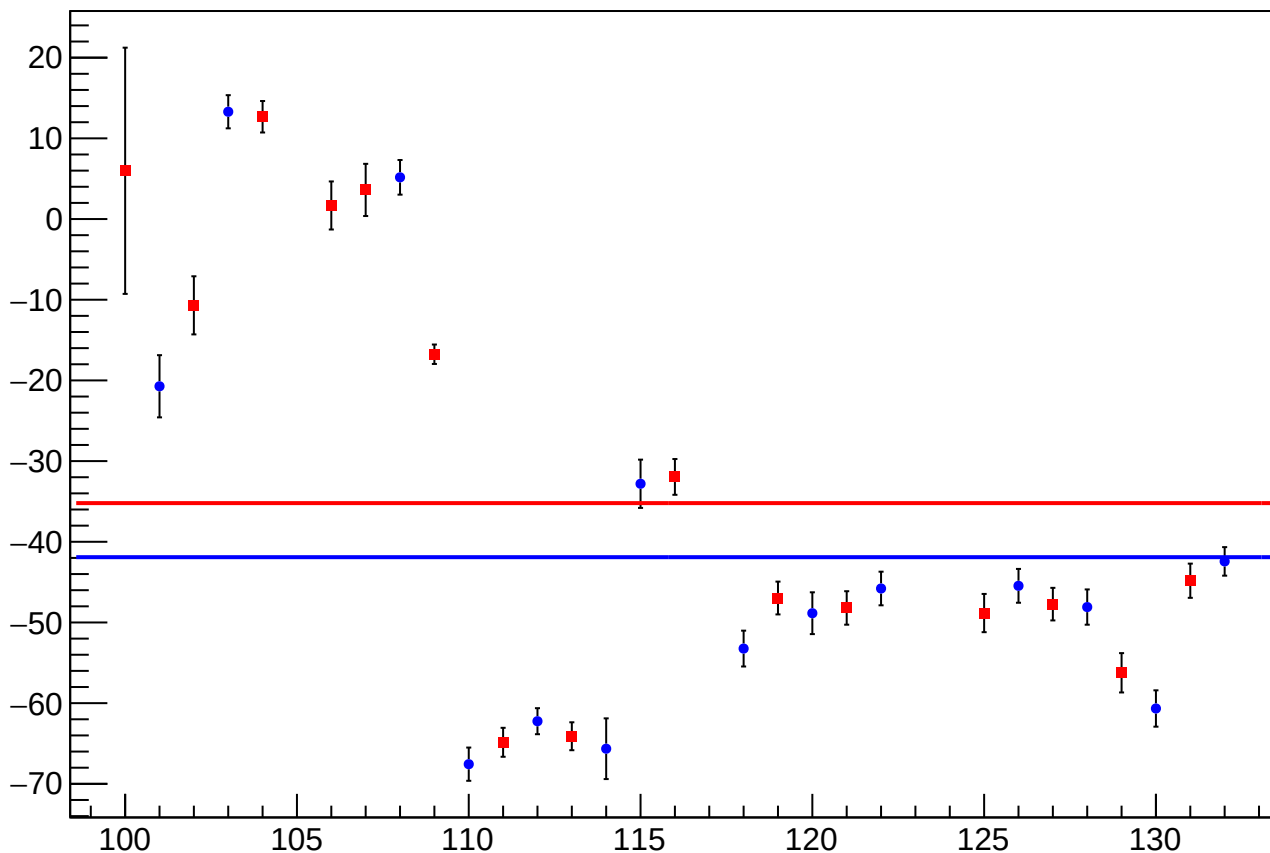
Right: 14.118 $\pm$ 0.055 χ^2 /NDF: 176714.5/28

In: 16.683 $\pm$ 0.081 χ^2 /NDF:63613.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 14.118 $\pm$ 0.055 χ^2 /NDF: 176714.5/28

reg_asym_us_dd_at2lr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -41.908 $\pm$ 0.591 χ^2 /NDF: 1712.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -35.207 $\pm$ 0.544 χ^2 /NDF: 1981.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

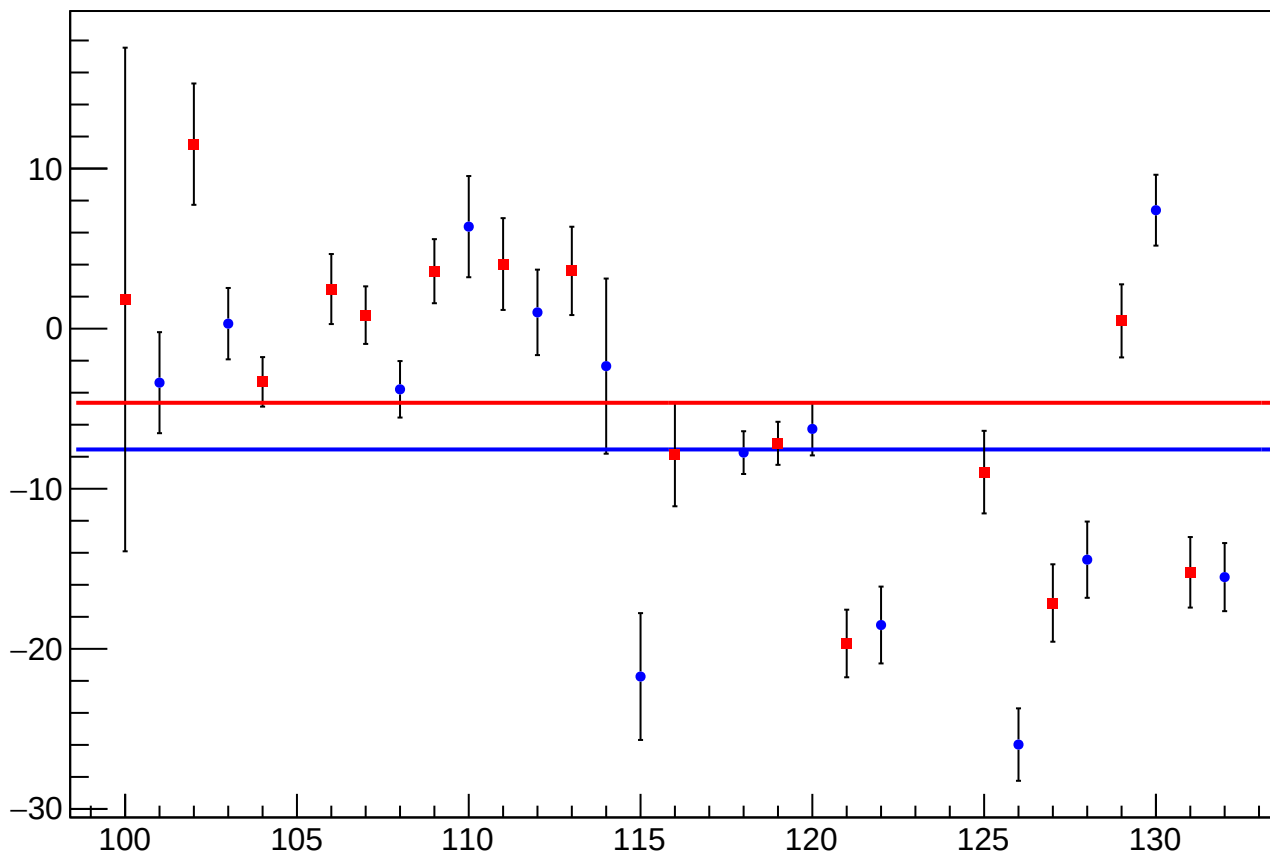
Right: -38.279 $\pm$ 0.400 χ^2 /NDF: 3764.1/28

In: -41.908 $\pm$ 0.591 χ^2 /NDF:1712.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -38.279 $\pm$ 0.400 χ^2 /NDF: 3764.1/28

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.546+/-0.592 χ^2/NDF : 218.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.631+/-0.568 χ^2/NDF : 186.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

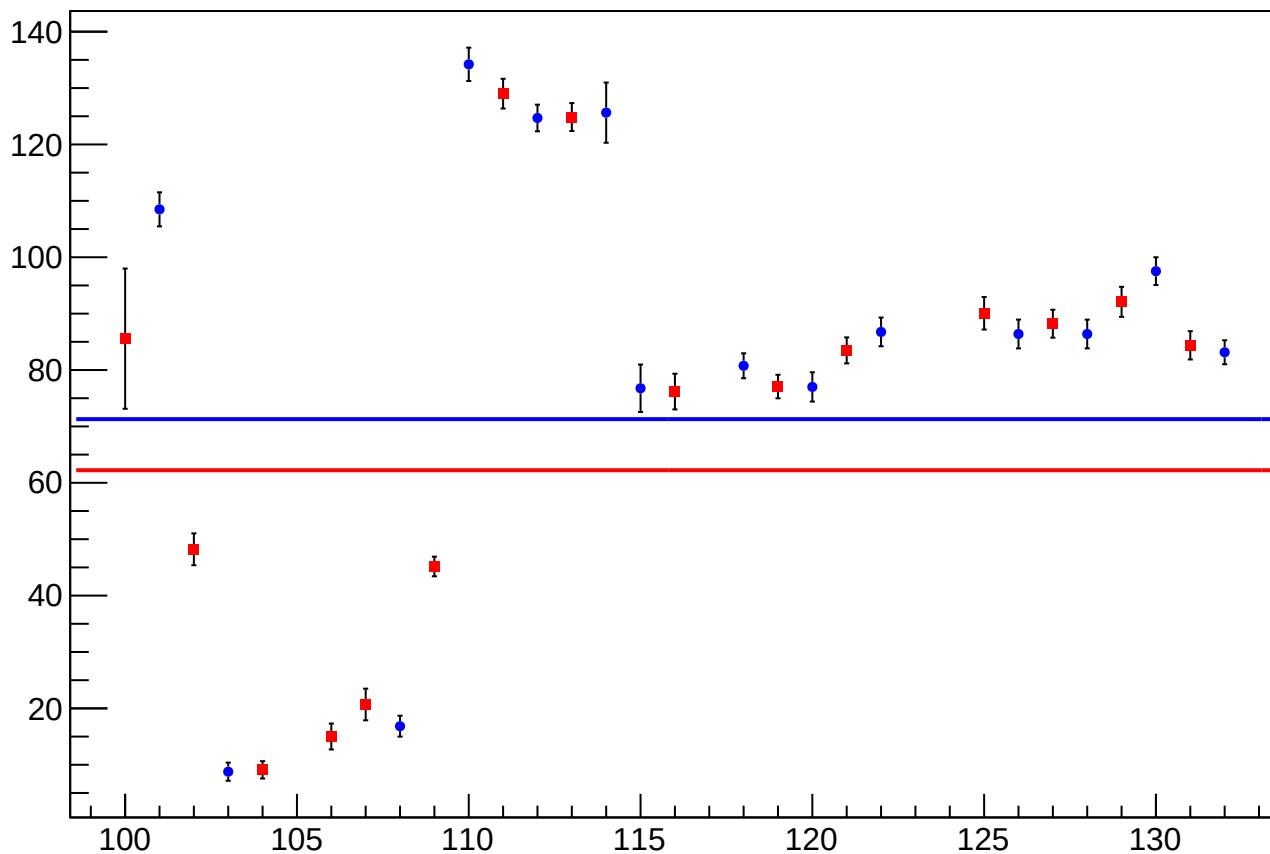
Right: -6.028+/-0.410 χ^2/NDF : 417.4/28

In: -7.546+/-0.592 χ^2/NDF : 218.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.028+/-0.410 χ^2/NDF : 417.4/28

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 71.291+/-0.650 χ^2/NDF : 3861.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.232+/-0.619 χ^2/NDF : 3801.1/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

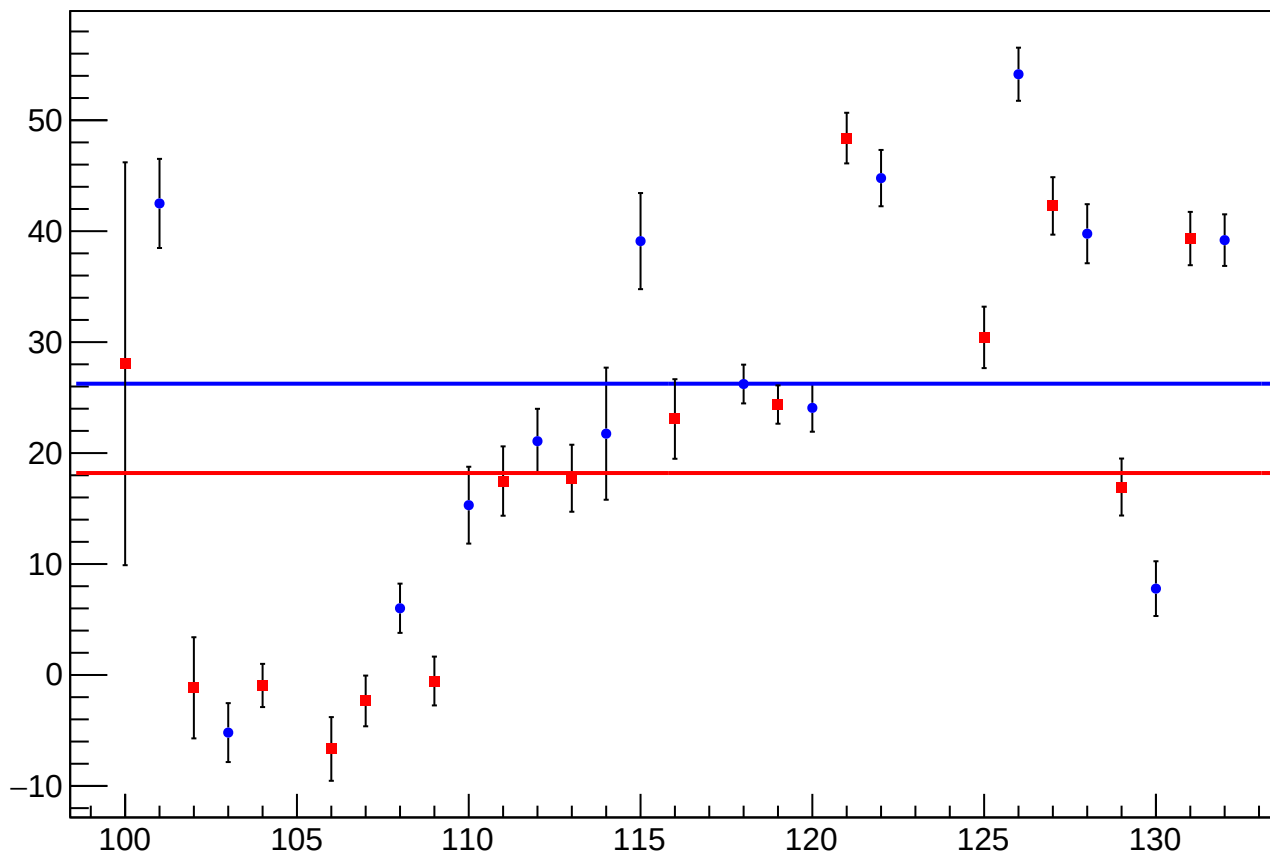
Right: 66.545+/-0.448 χ^2/NDF : 7764.4/28

In: 71.291+/-0.650 χ^2/NDF : 3861.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.545+/-0.448 χ^2/NDF : 7764.4/28

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 26.254+/-0.698 χ^2/NDF : 565.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.202+/-0.666 χ^2/NDF : 716.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

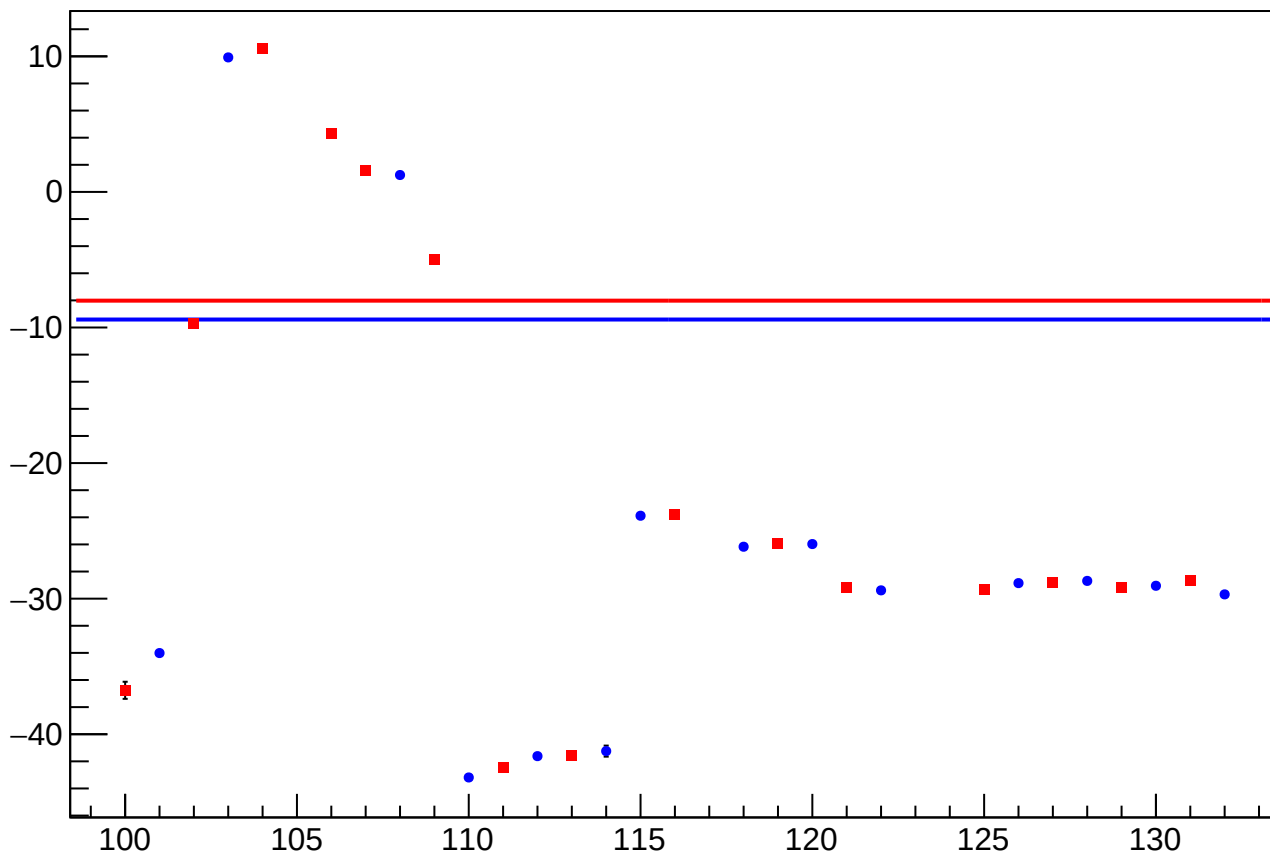
Right: 22.039+/-0.482 χ^2/NDF : 1351.6/28

In: 26.254+/-0.698 χ^2/NDF : 565.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.039+/-0.482 χ^2/NDF : 1351.6/28

reg_asym_us_dd_at2lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -9.412 ± 0.038 χ^2/NDF : 245517.6/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.020 ± 0.038 χ^2/NDF : 211922.8/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

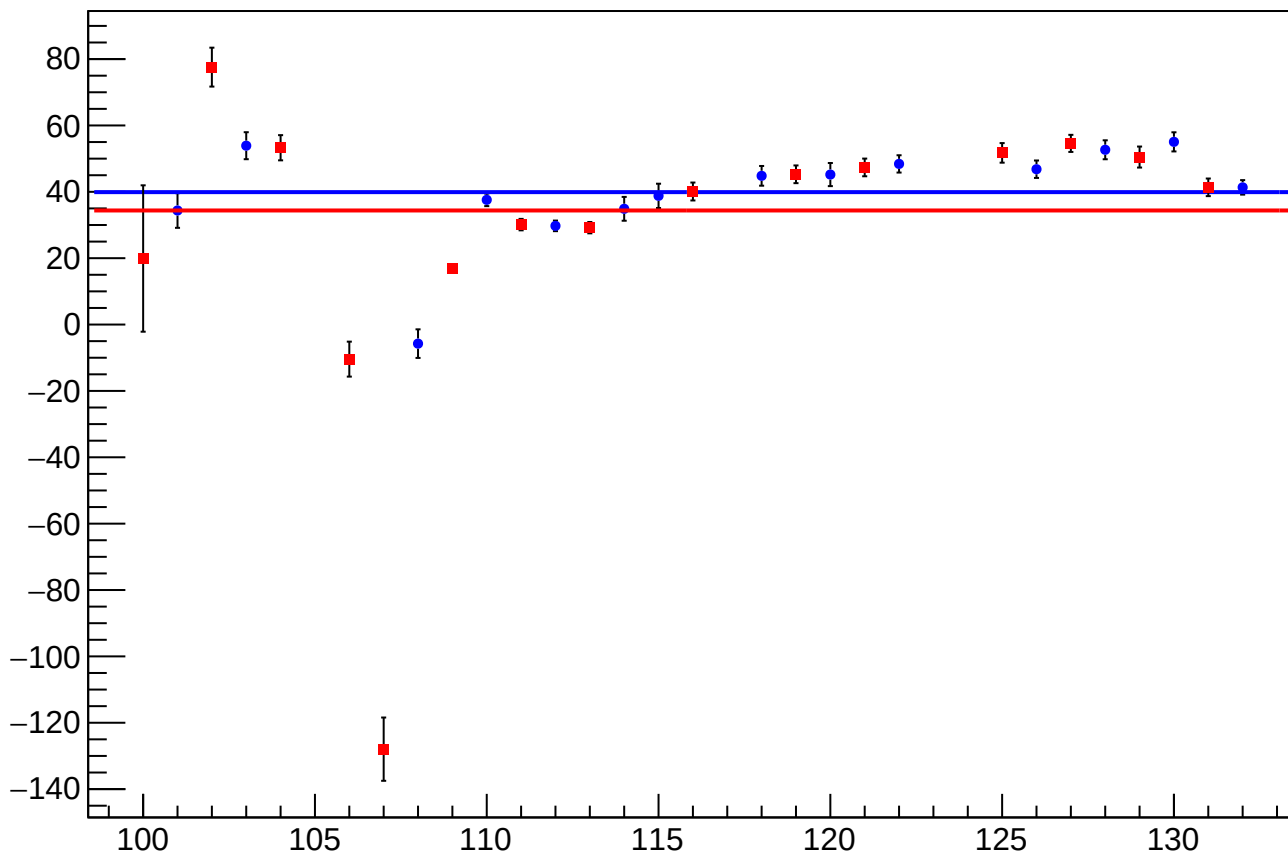
Right: -8.701 ± 0.027 χ^2/NDF : 458109.3/28

In: -9.412 ± 0.038 χ^2/NDF : 245517.6/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.701 ± 0.027 χ^2/NDF : 458109.3/28

reg_asym_us_dd_atlr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 39.906+/-0.722 χ^2/NDF : 240.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.379+/-0.675 χ^2/NDF : 764.9/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

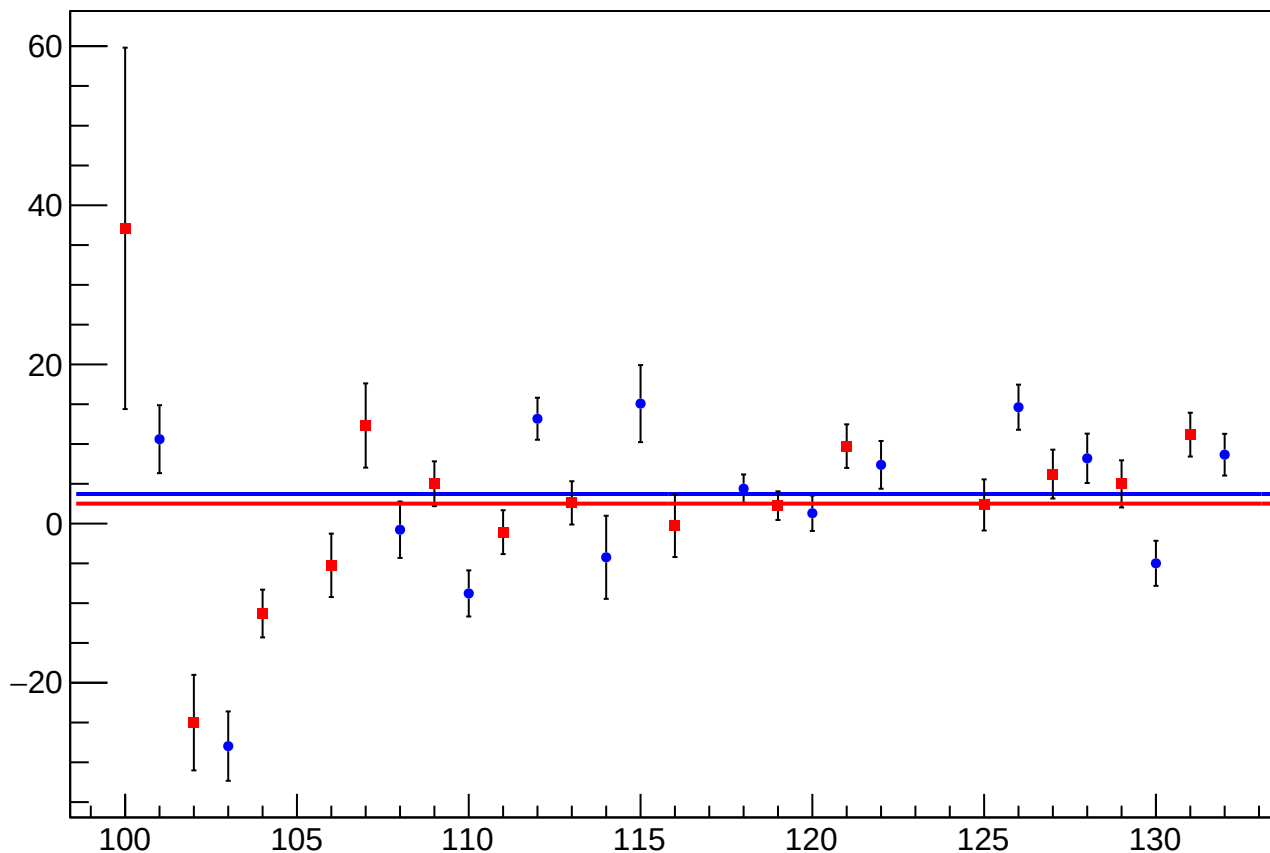
Right: 36.955+/-0.493 χ^2/NDF : 1036.2/28

In: 39.906+/-0.722 χ^2/NDF : 240.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.955+/-0.493 χ^2/NDF : 1036.2/28

reg_asym_us_dd_atlr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.717+/-0.778 χ^2/NDF : 129.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.507+/-0.794 χ^2/NDF : 73.8/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

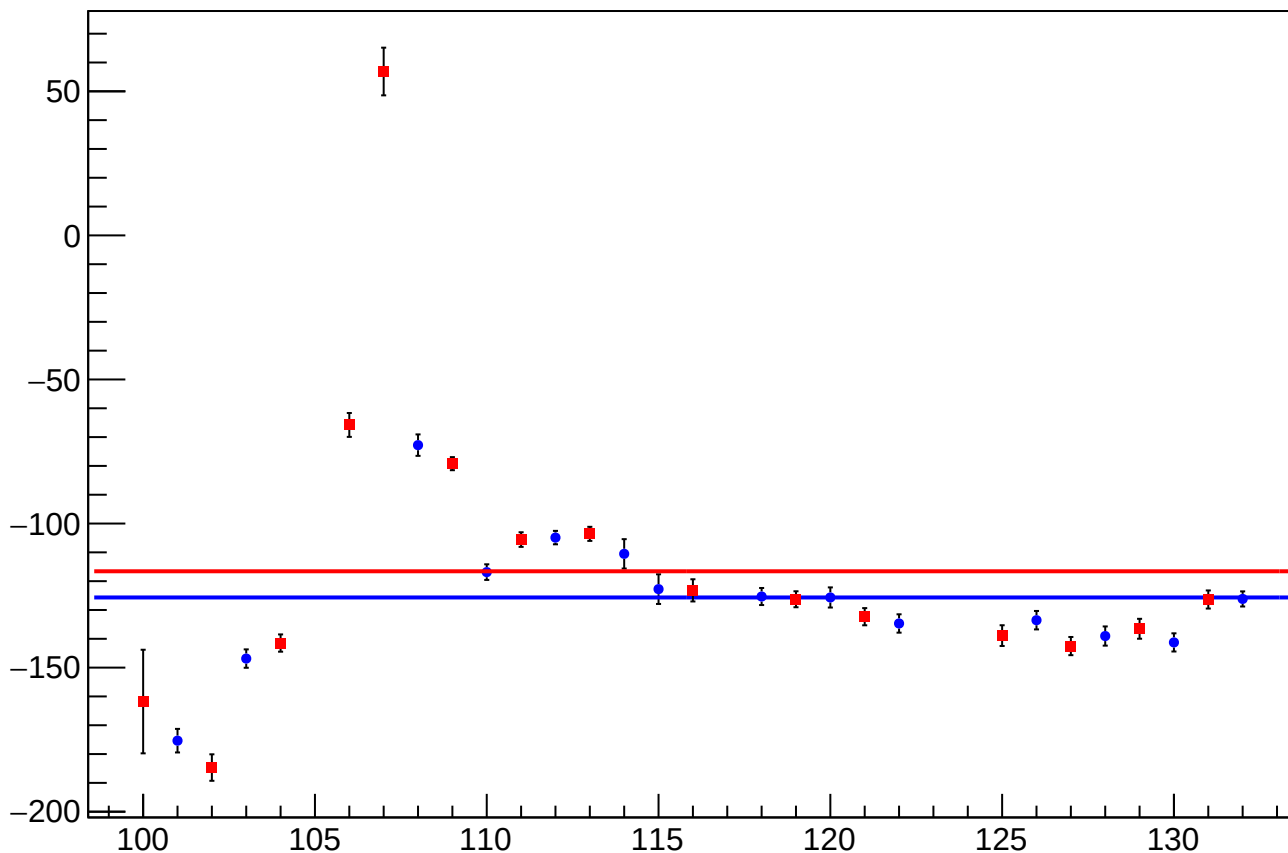
Right: 3.125+/-0.555 χ^2/NDF : 204.0/28

In: 3.717+/-0.778 χ^2/NDF : 129.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.125+/-0.555 χ^2/NDF : 204.0/28

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -125.654+/-0.859 χ^2/NDF : 547.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -116.567+/-0.838 χ^2/NDF : 1394.8/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

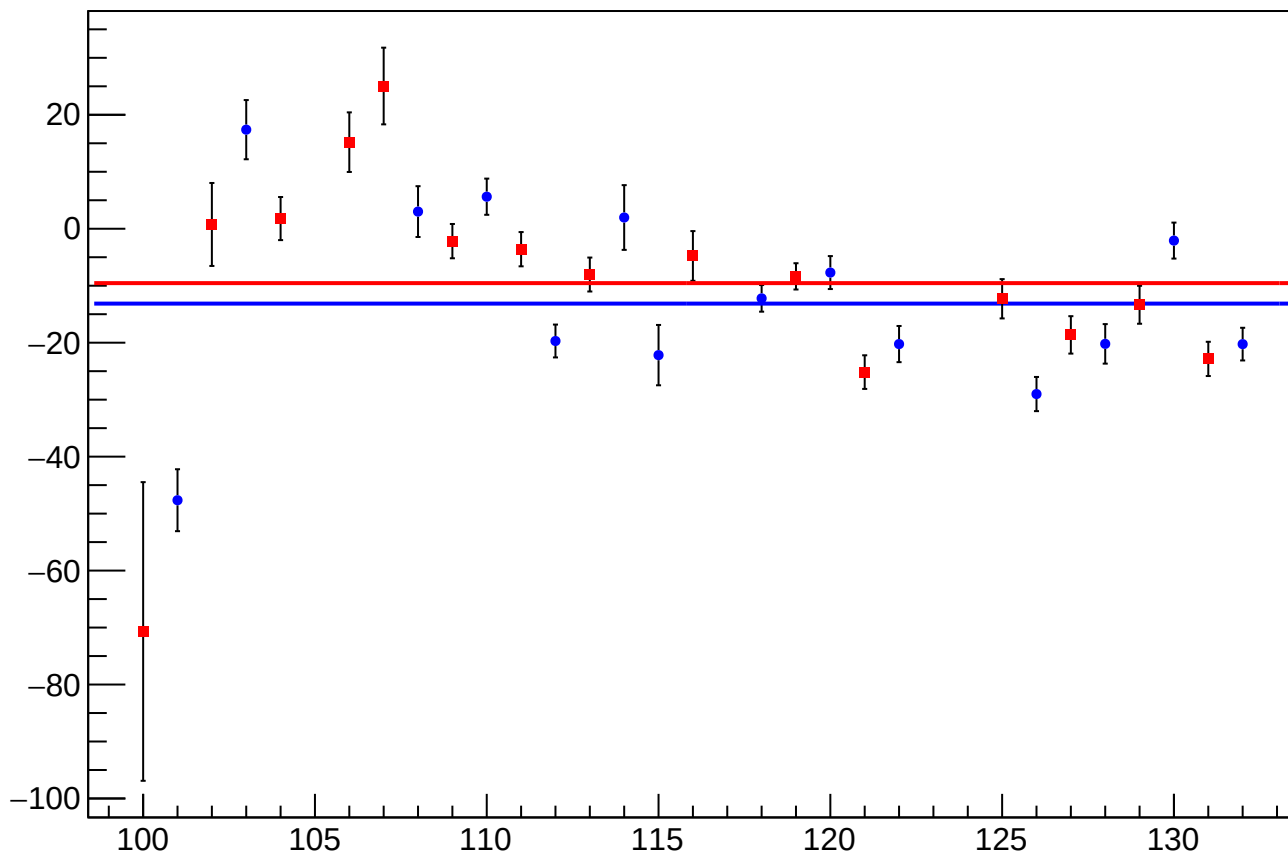
Right: -120.995+/-0.600 χ^2/NDF : 1999.3/28

In: -125.654+/-0.859 χ^2/NDF :547.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -120.995+/-0.600 χ^2/NDF : 1999.3/28

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -13.140 $\pm$ 0.903 χ^2 /NDF: 197.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -9.544 $\pm$ 0.907 χ^2 /NDF: 134.0/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

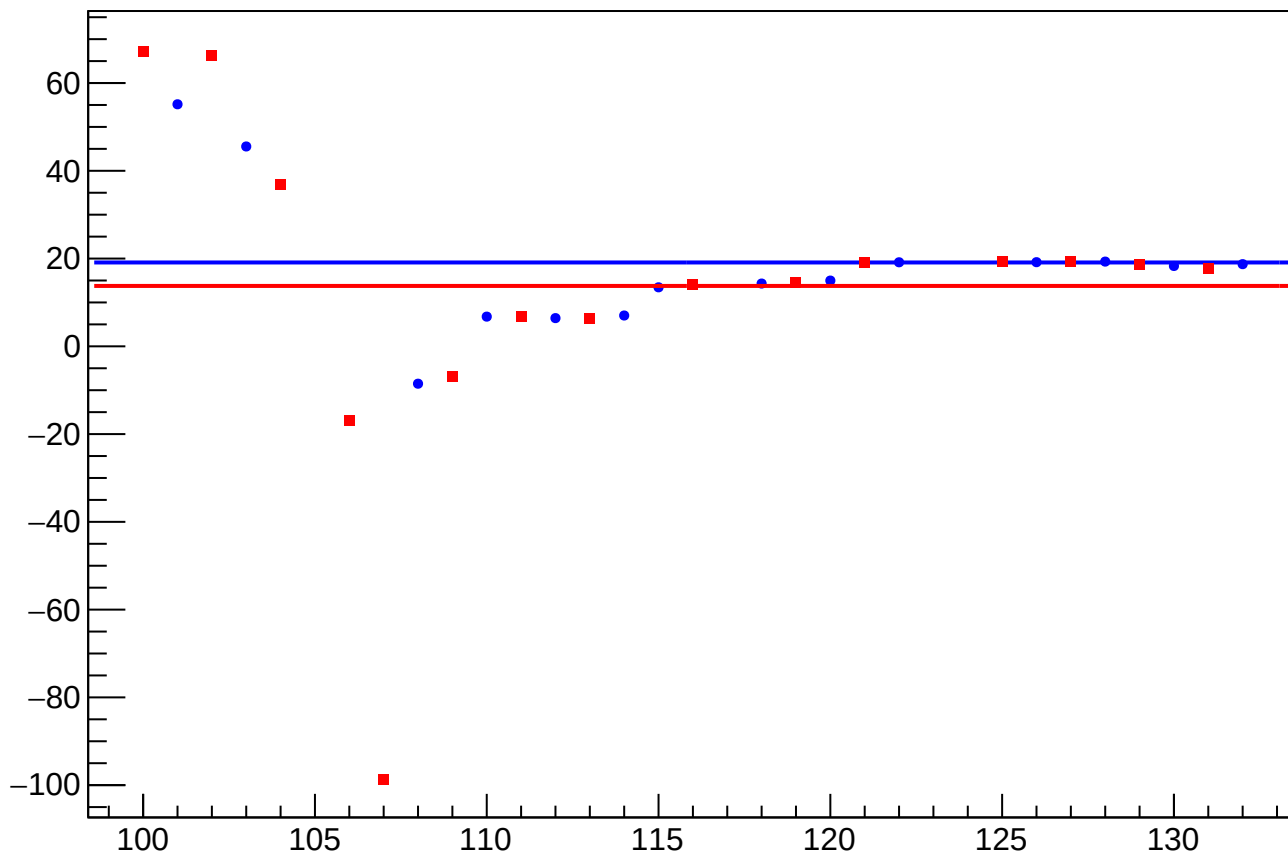
Right: -11.349 $\pm$ 0.640 χ^2 /NDF: 339.2/28

In: -13.140 $\pm$ 0.903 χ^2 /NDF:197.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -11.349 $\pm$ 0.640 χ^2 /NDF: 339.2/28

reg_asym_us_dd_atlr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 19.110+/-0.058 χ^2/NDF : 104038.9/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.764+/-0.057 χ^2/NDF : 253223.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

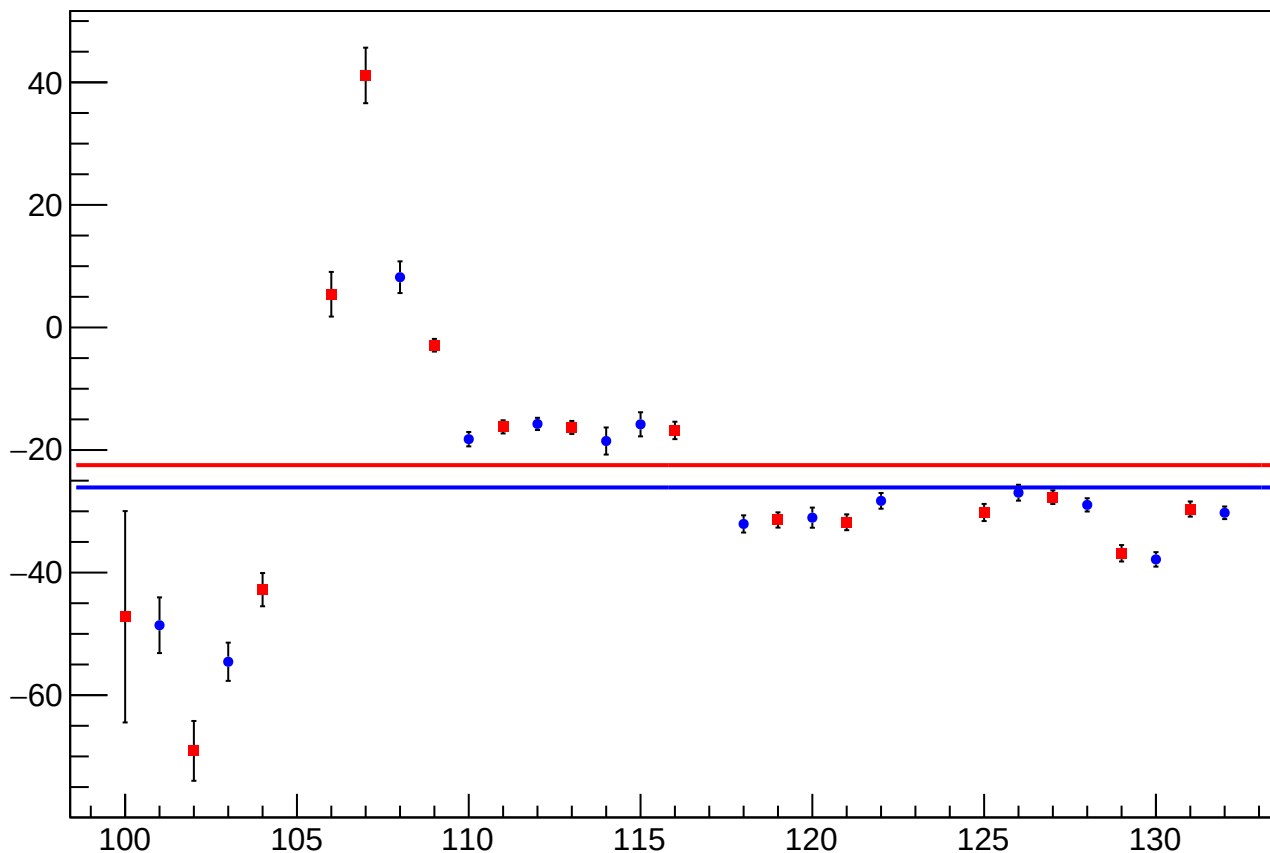
Right: 16.395+/-0.041 χ^2/NDF : 361517.9/28

In: 19.110+/-0.058 χ^2/NDF : 104038.9/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.395+/-0.041 χ^2/NDF : 361517.9/28

reg_asym_us_dd_atlr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -26.107 $\pm$ 0.376 χ^2 /NDF: 627.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -22.465 $\pm$ 0.371 χ^2 /NDF: 1151.5/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

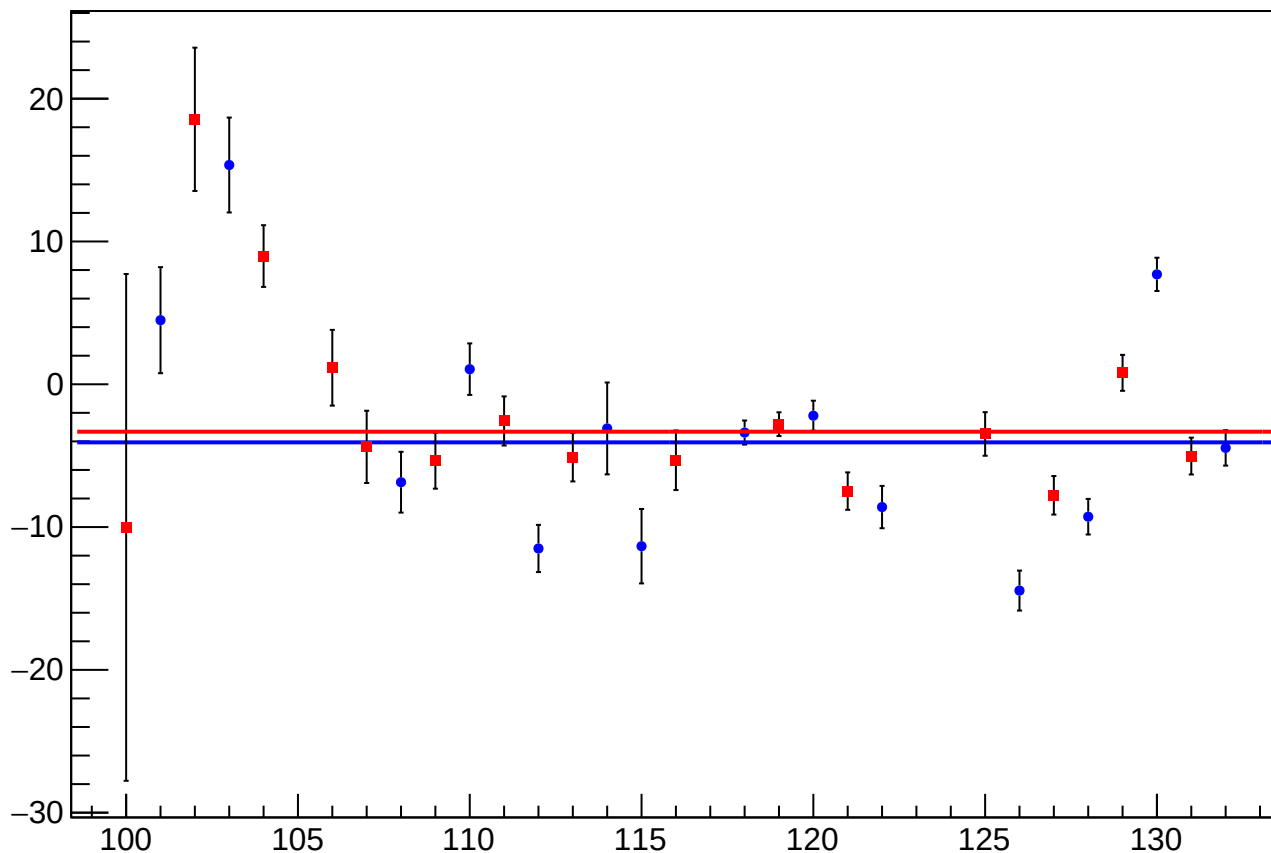
Right: -24.263 $\pm$ 0.264 χ^2 /NDF: 1826.2/28

In: -26.107 $\pm$ 0.376 χ^2 /NDF:627.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -24.263 $\pm$ 0.264 χ^2 /NDF: 1826.2/28

reg_asym_us_dd_atlr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.067 ± 0.389 χ^2/NDF : 265.0/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.321 ± 0.409 χ^2/NDF : 91.8/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

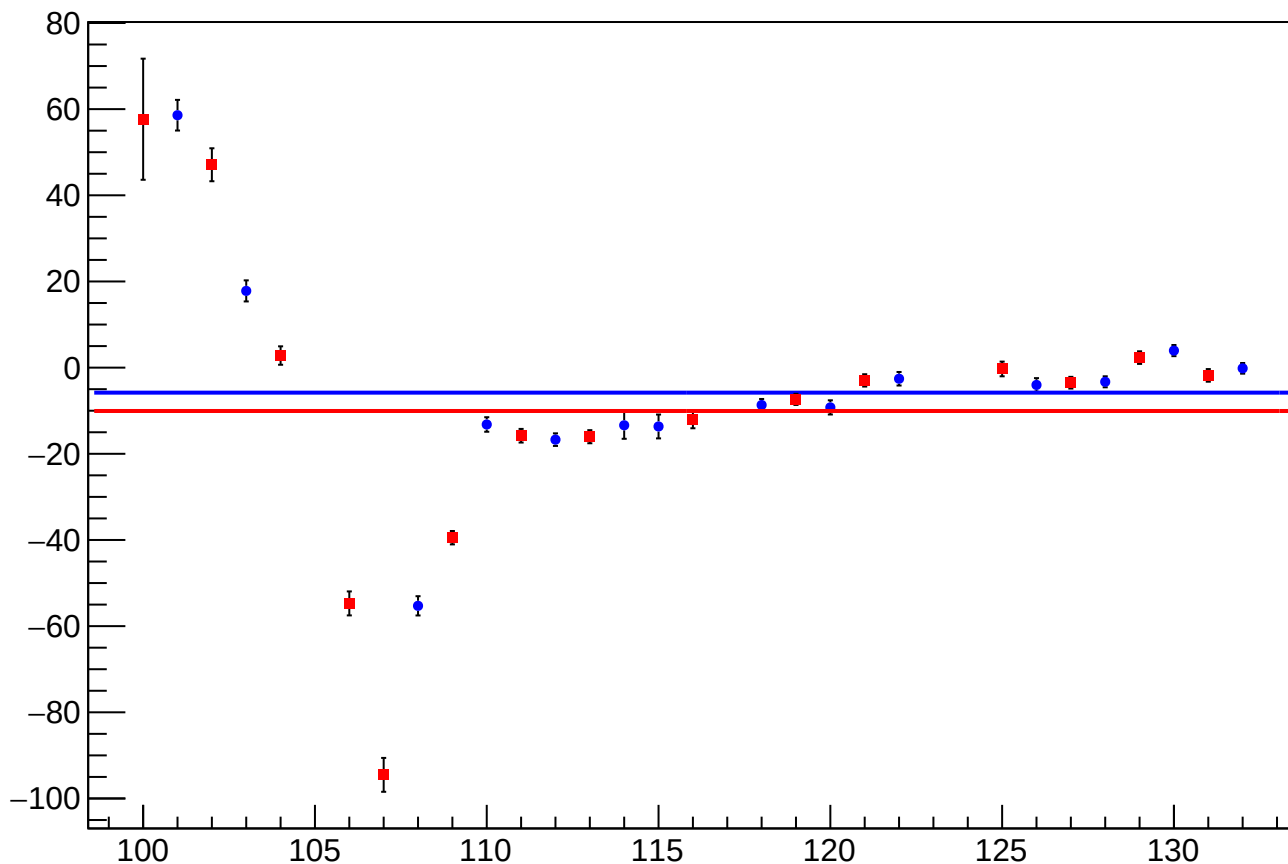
Right: -3.713 ± 0.282 χ^2/NDF : 358.5/28

In: -4.067 ± 0.389 χ^2/NDF : 265.0/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.713 ± 0.282 χ^2/NDF : 358.5/28

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.804+/-0.445 χ^2 /NDF: 1095.3/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -10.063+/-0.452 χ^2 /NDF: 1577.3/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

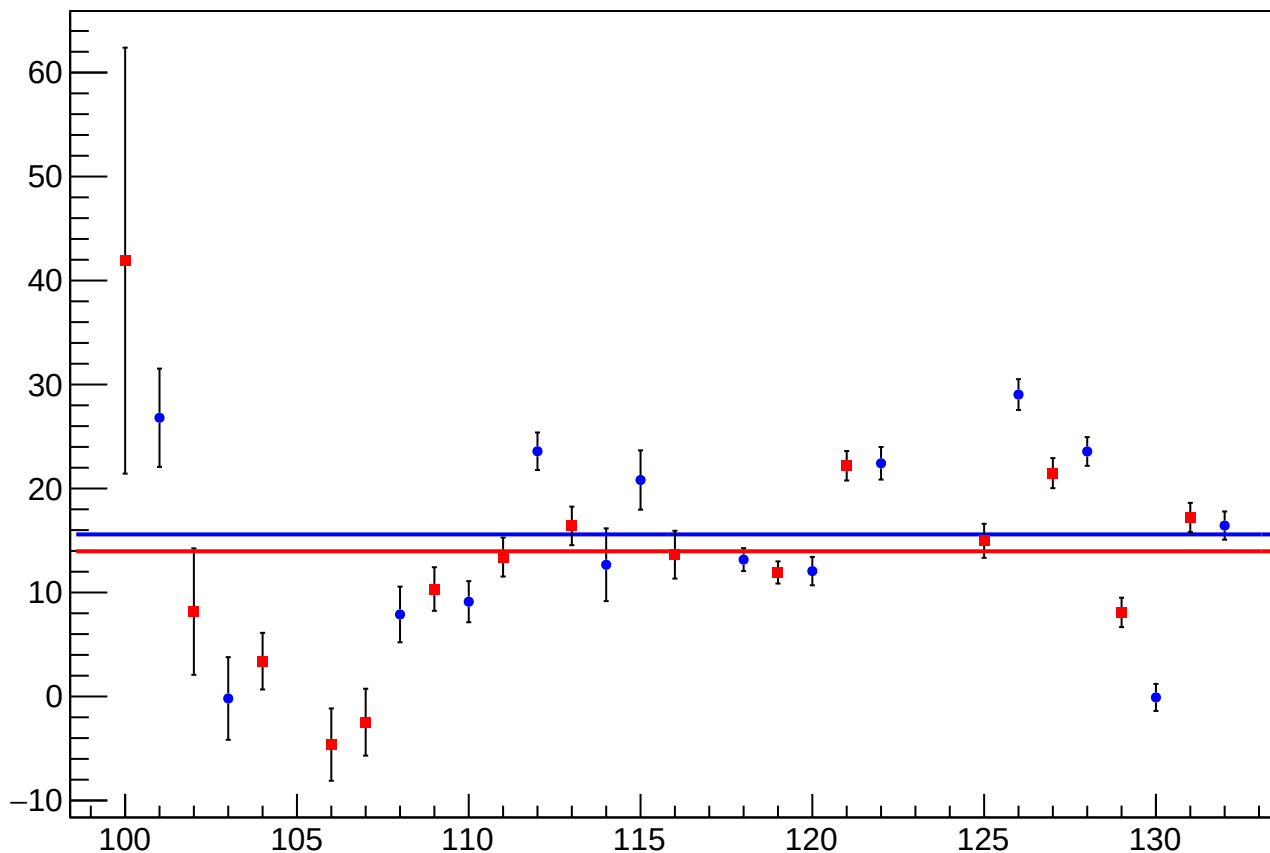
Right: -7.899+/-0.317 χ^2 /NDF: 2717.6/28

In: -5.804+/-0.445 χ^2 /NDF:1095.3/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -7.899+/-0.317 χ^2 /NDF: 2717.6/28

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.588+/-0.452 χ^2/NDF : 356.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.966+/-0.468 χ^2/NDF : 164.7/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

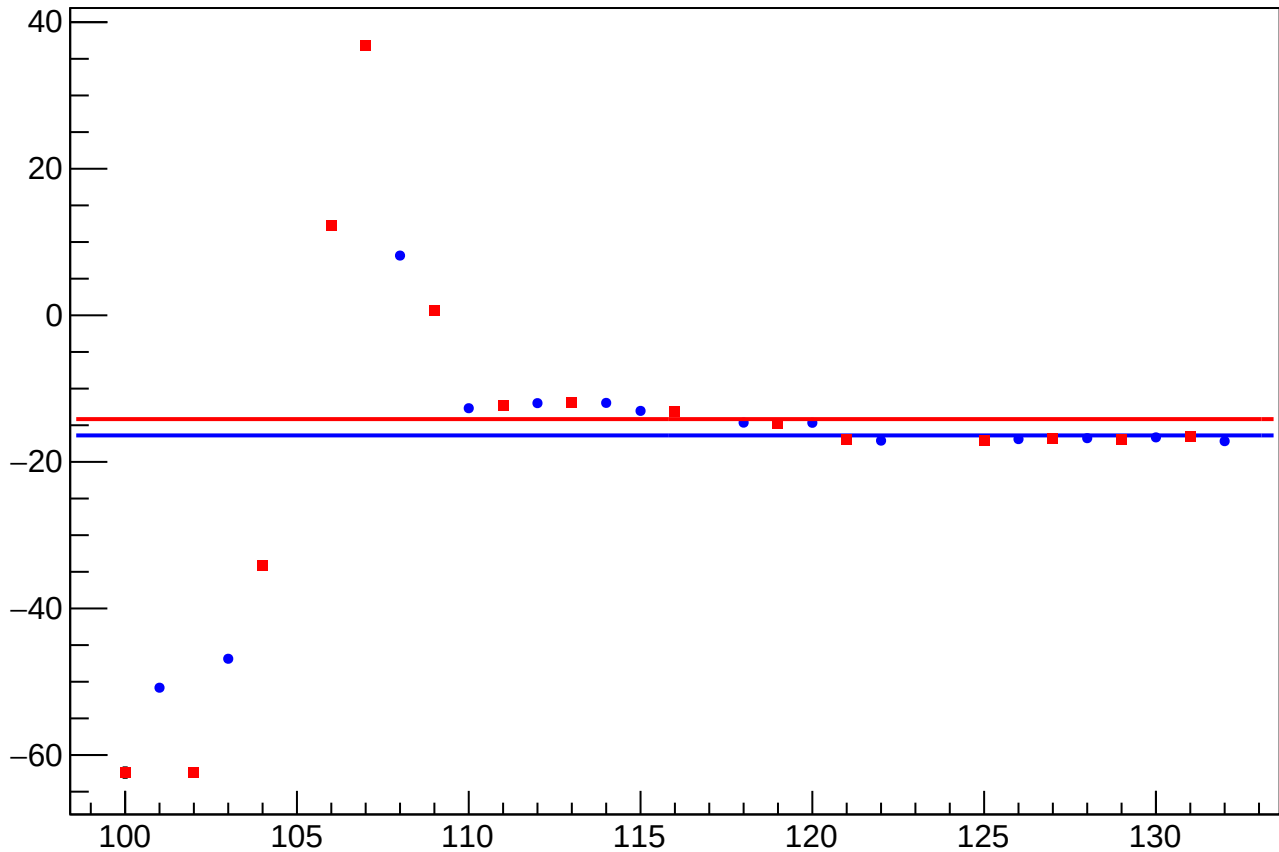
Right: 14.805+/-0.325 χ^2/NDF : 527.6/28

In: 15.588+/-0.452 χ^2/NDF : 356.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.805+/-0.325 χ^2/NDF : 527.6/28

reg_asym_us_dd_atlr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.388 $\pm$ 0.032 χ^2 /NDF: 190655.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -14.162 $\pm$ 0.033 χ^2 /NDF: 281122.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

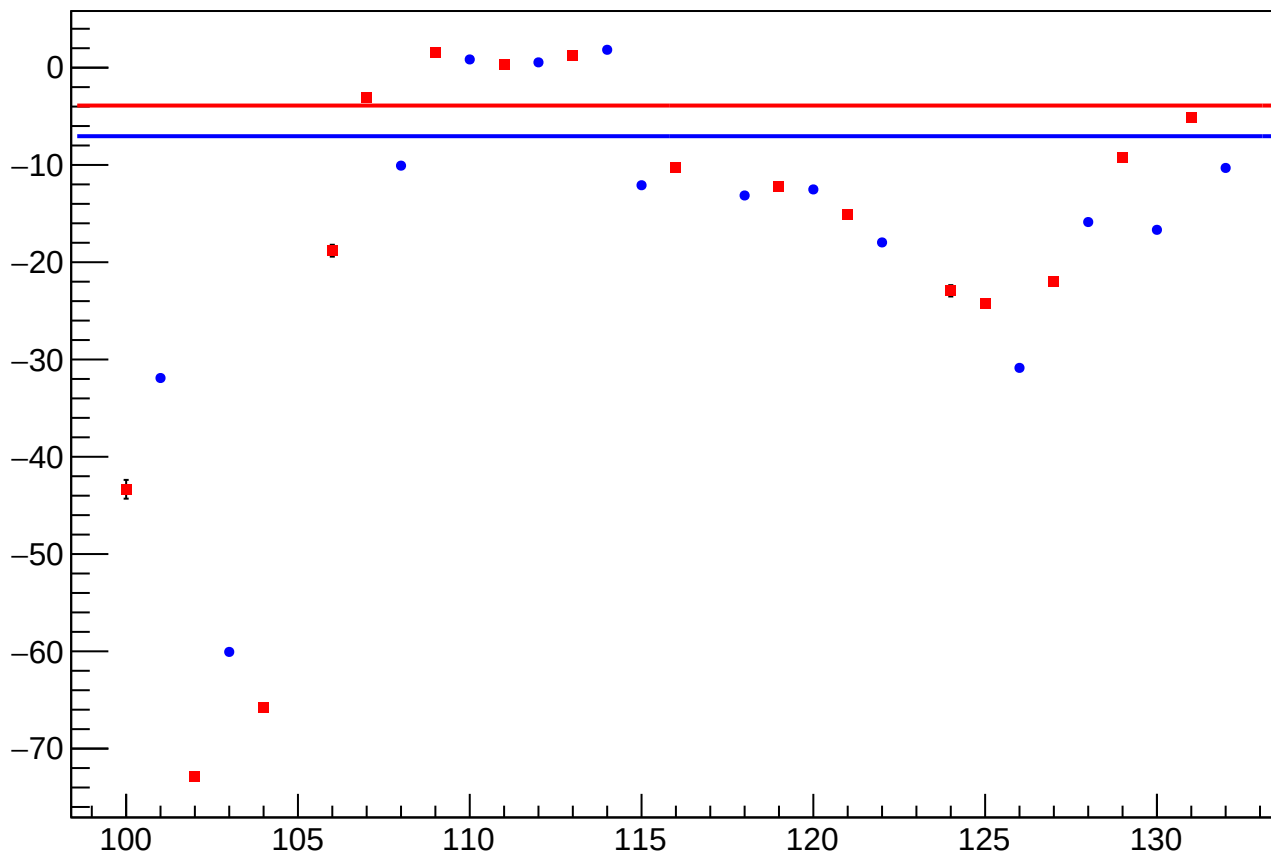
Right: -15.294 $\pm$ 0.023 χ^2 /NDF: 474102.5/28

In: -16.388 $\pm$ 0.032 χ^2 /NDF: 190655.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -15.294 $\pm$ 0.023 χ^2 /NDF: 474102.5/28

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -7.045+/-0.058 χ^2/NDF : 41043.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.894+/-0.049 χ^2/NDF : 60893.1/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

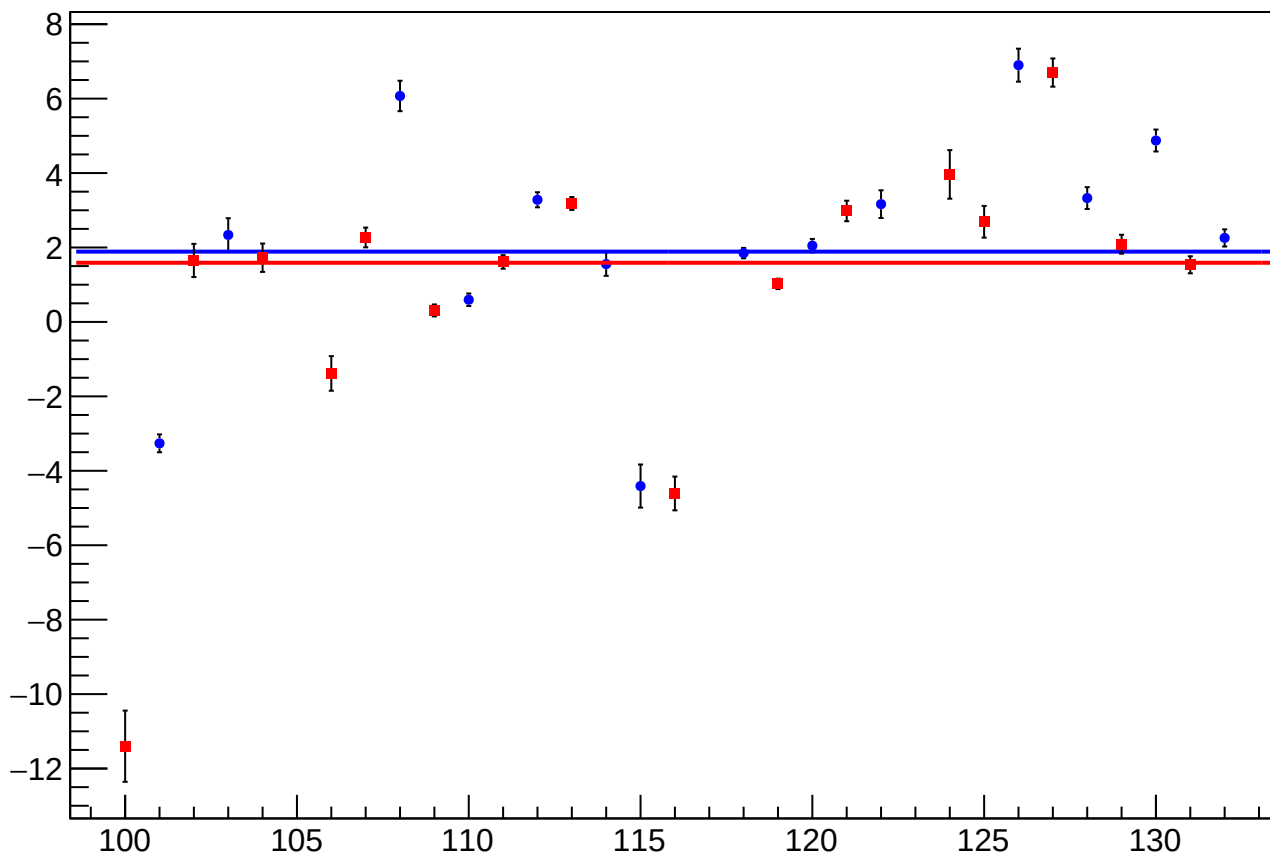
Right: -5.188+/-0.037 χ^2/NDF : 103666.7/29

In: -7.045+/-0.058 χ^2/NDF :41043.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.188+/-0.037 χ^2/NDF : 103666.7/29

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.889+/-0.065 χ^2/NDF : 1060.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.590+/-0.063 χ^2/NDF : 815.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

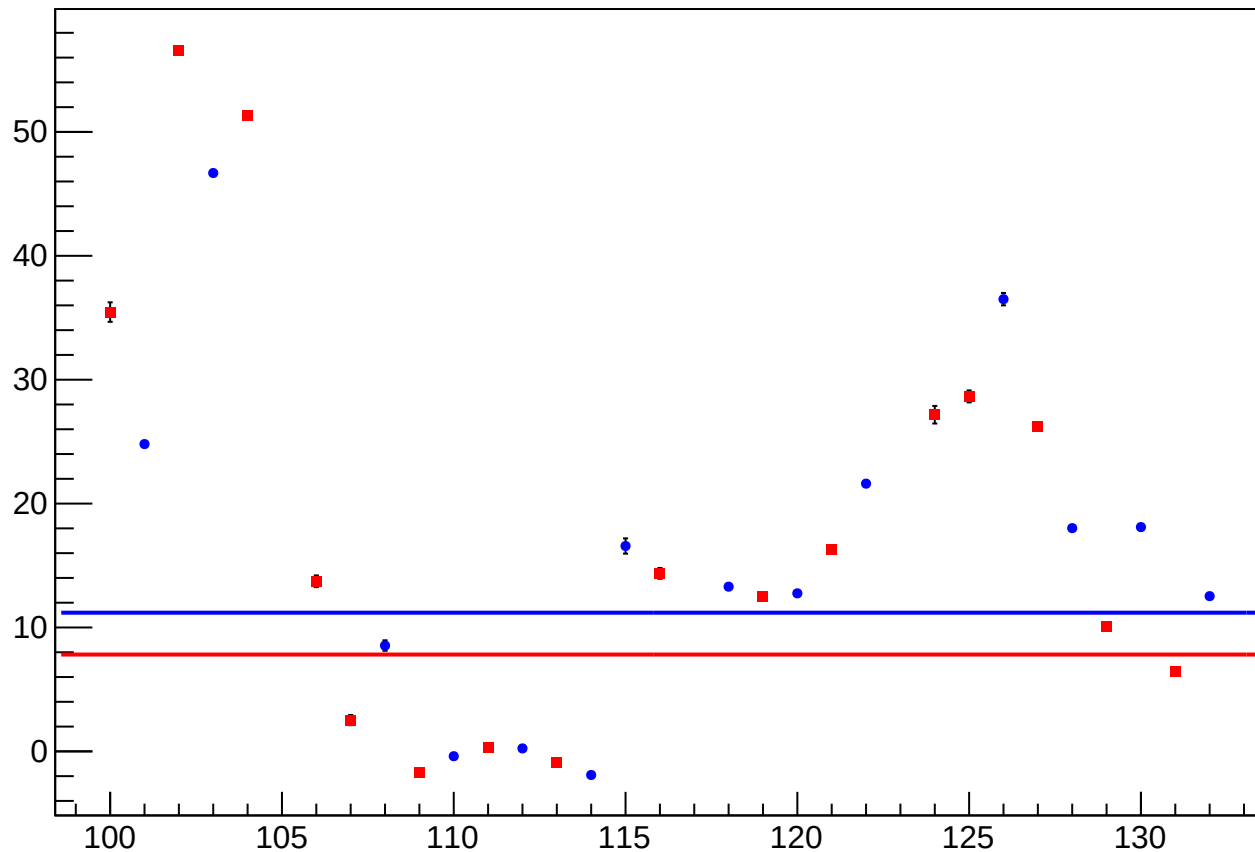
Right: 1.734+/-0.045 χ^2/NDF : 1886.6/29

In: 1.889+/-0.065 χ^2/NDF : 1060.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.734+/-0.045 χ^2/NDF : 1886.6/29

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.194+/-0.071 χ^2/NDF : 29902.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 7.816+/-0.064 χ^2/NDF : 50712.7/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

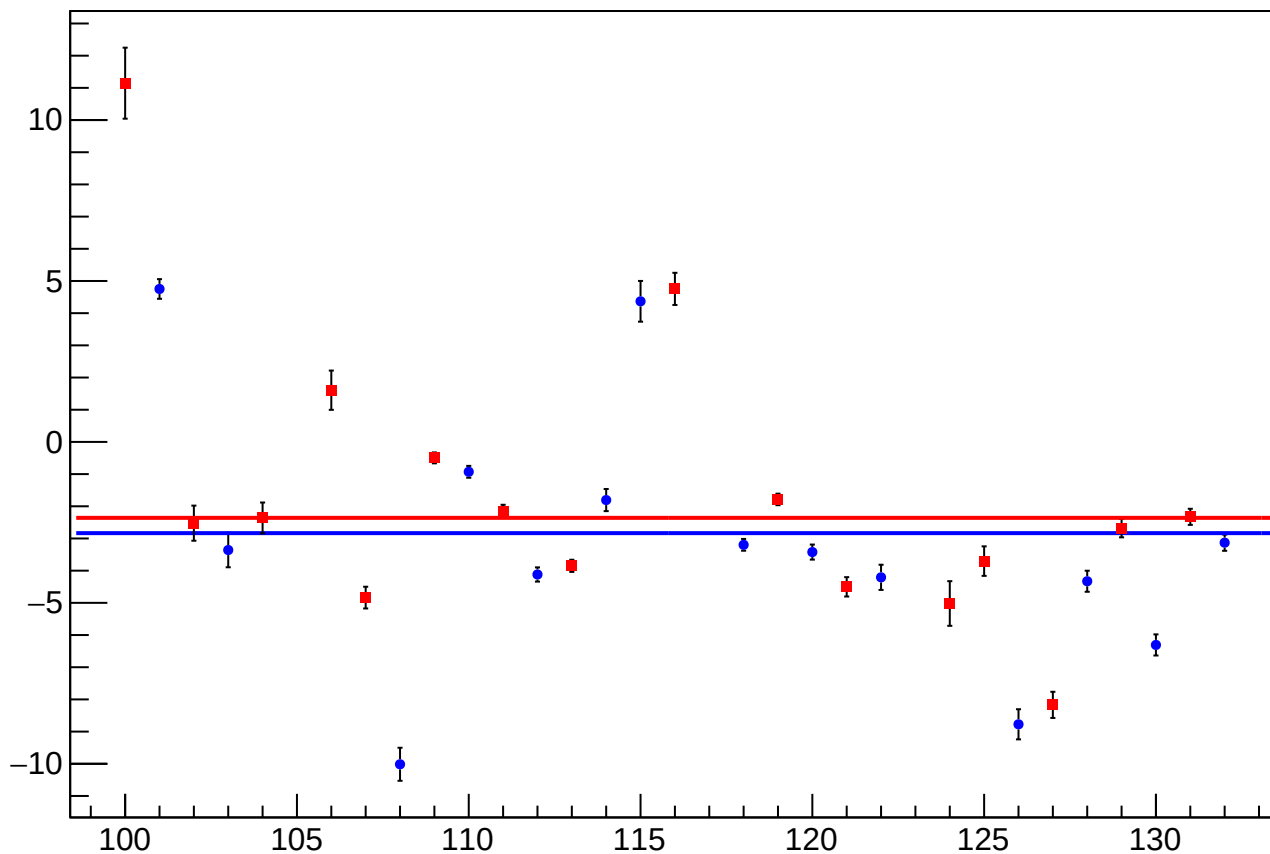
Right: 9.331+/-0.048 χ^2/NDF : 81857.9/29

In: 11.194+/-0.071 χ^2/NDF :29902.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 9.331+/-0.048 χ^2/NDF : 81857.9/29

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.834 ± 0.076 χ^2/NDF : 1410.0/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.359 ± 0.071 χ^2/NDF : 923.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

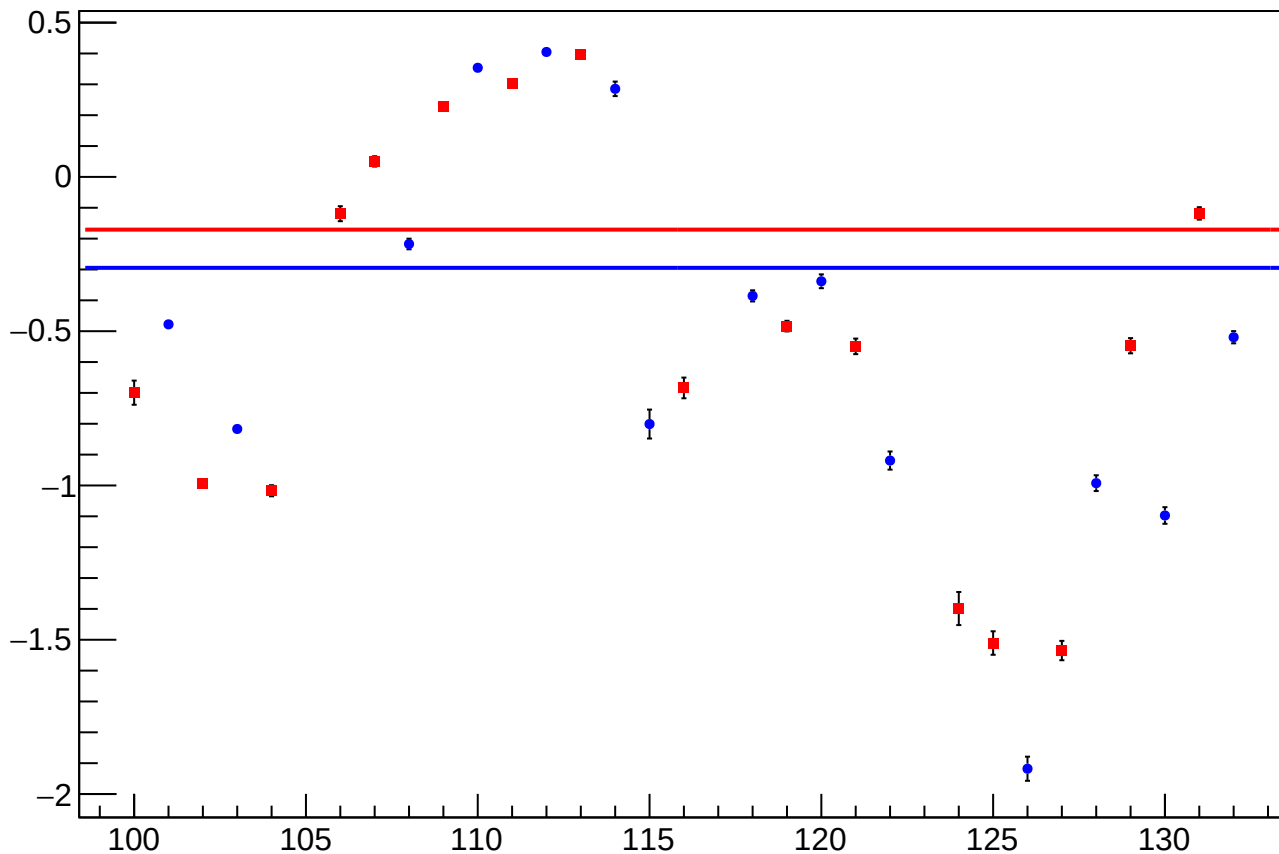
Right: -2.581 ± 0.052 χ^2/NDF : 2353.9/29

In: -2.834 ± 0.076 χ^2/NDF : 1410.0/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.581 ± 0.052 χ^2/NDF : 2353.9/29

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.295 ± 0.005 χ^2/NDF : 11238.1/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.171 ± 0.005 χ^2/NDF : 15231.6/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

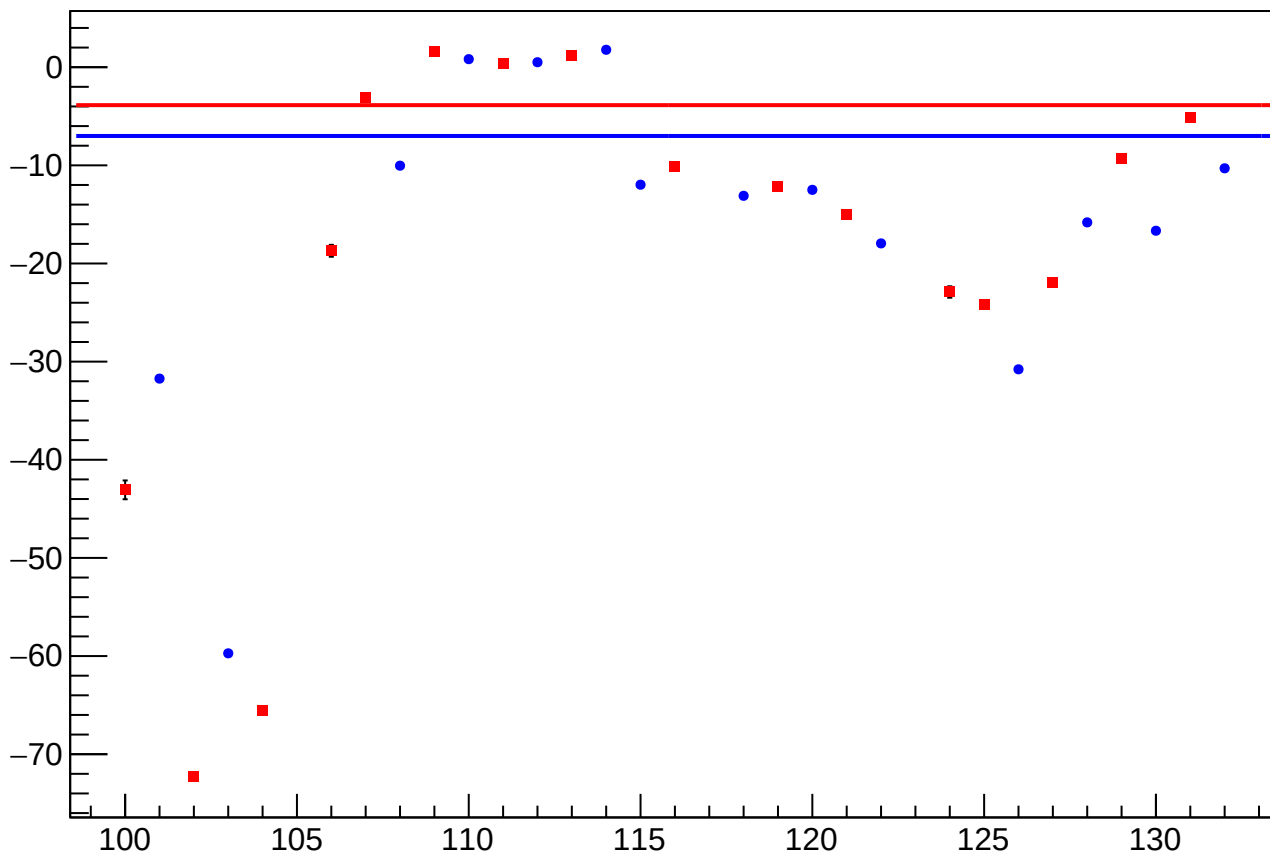
Right: -0.227 ± 0.003 χ^2/NDF : 26801.2/29

In: -0.295 ± 0.005 χ^2/NDF : 11238.1/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.227 ± 0.003 χ^2/NDF : 26801.2/29

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -7.007+/-0.058 χ^2/NDF : 41057.4/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.867+/-0.048 χ^2/NDF : 60899.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

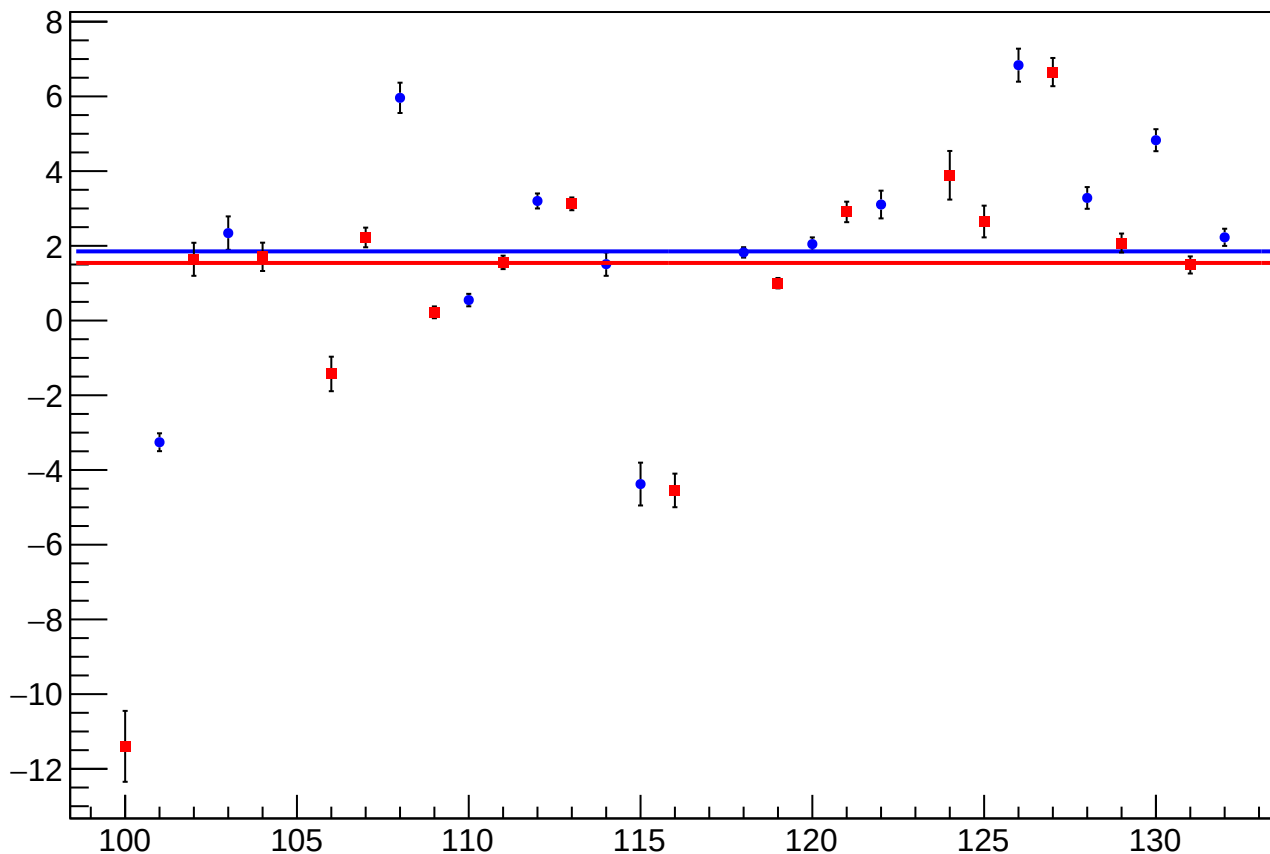
Right: -5.156+/-0.037 χ^2/NDF : 103698.0/29

In: -7.007+/-0.058 χ^2/NDF :41057.4/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.156+/-0.037 χ^2/NDF : 103698.0/29

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.852 $\pm$ 0.065 χ^2 /NDF: 1054.2/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.542 $\pm$ 0.062 χ^2 /NDF: 819.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

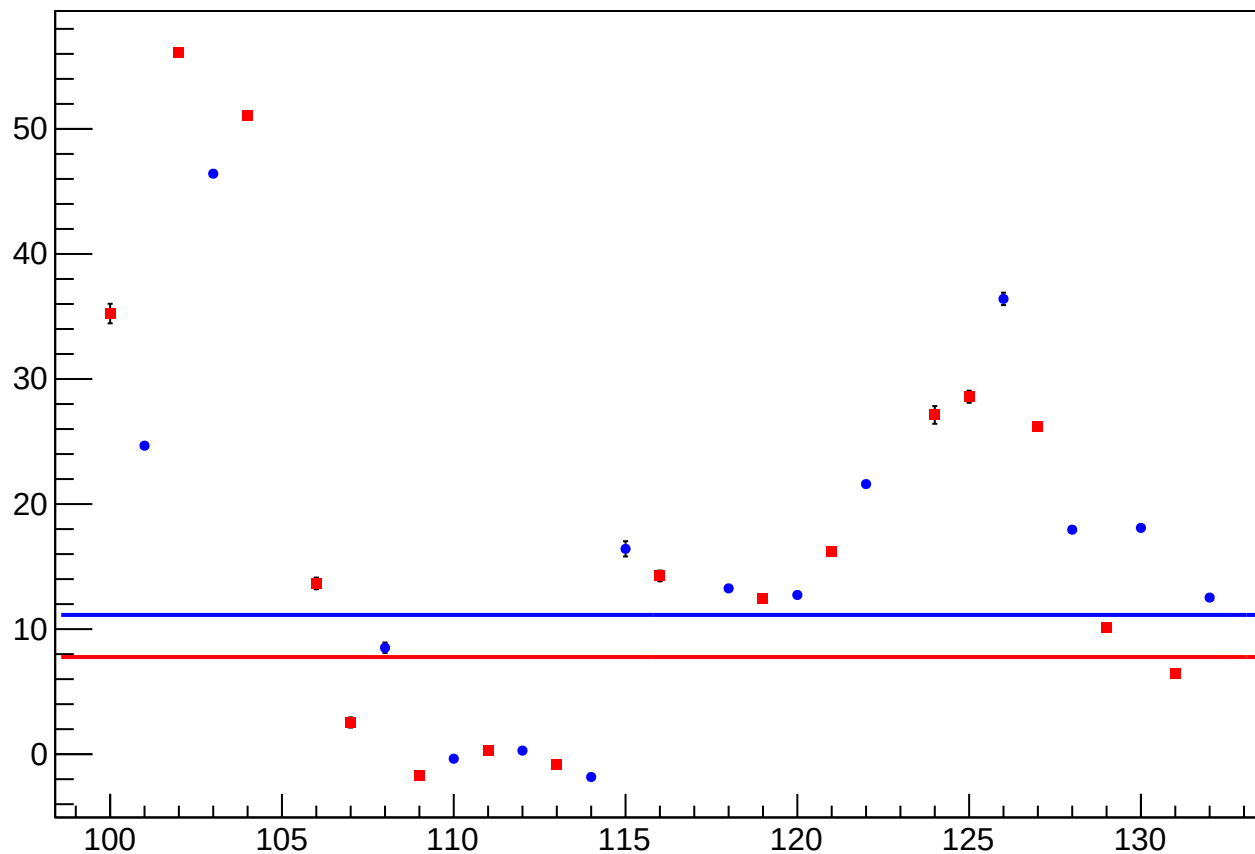
Right: 1.692 $\pm$ 0.045 χ^2 /NDF: 1885.9/29

In: 1.852 $\pm$ 0.065 χ^2 /NDF:1054.2/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.692 $\pm$ 0.045 χ^2 /NDF: 1885.9/29

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.137+/-0.071 χ^2/NDF : 29911.2/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.766+/-0.064 χ^2/NDF : 50725.5/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

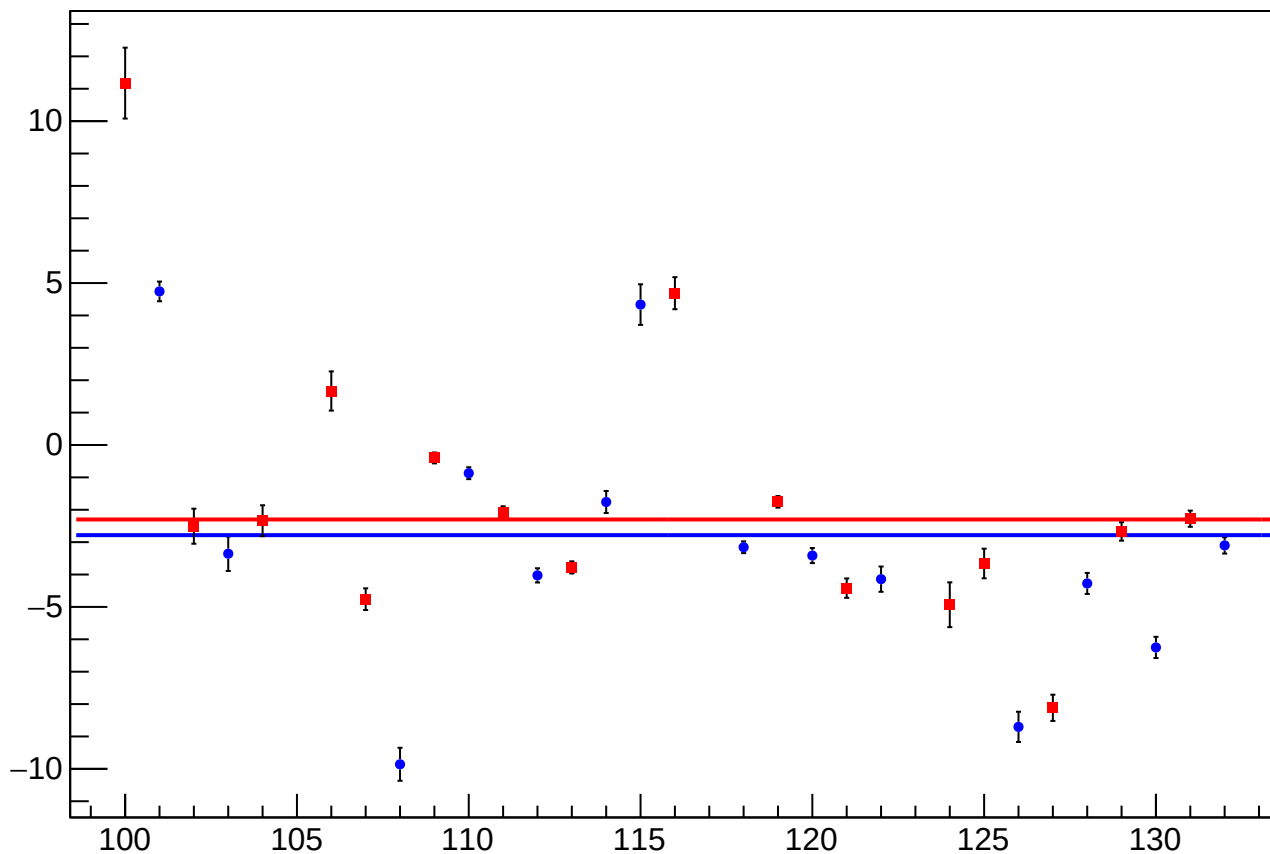
Right: 9.278+/-0.047 χ^2/NDF : 81889.1/29

In: 11.137+/-0.071 χ^2/NDF : 29911.2/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.278+/-0.047 χ^2/NDF : 81889.1/29

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.784+/-0.076 χ^2/NDF : 1405.6/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.300+/-0.071 χ^2/NDF : 930.0/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

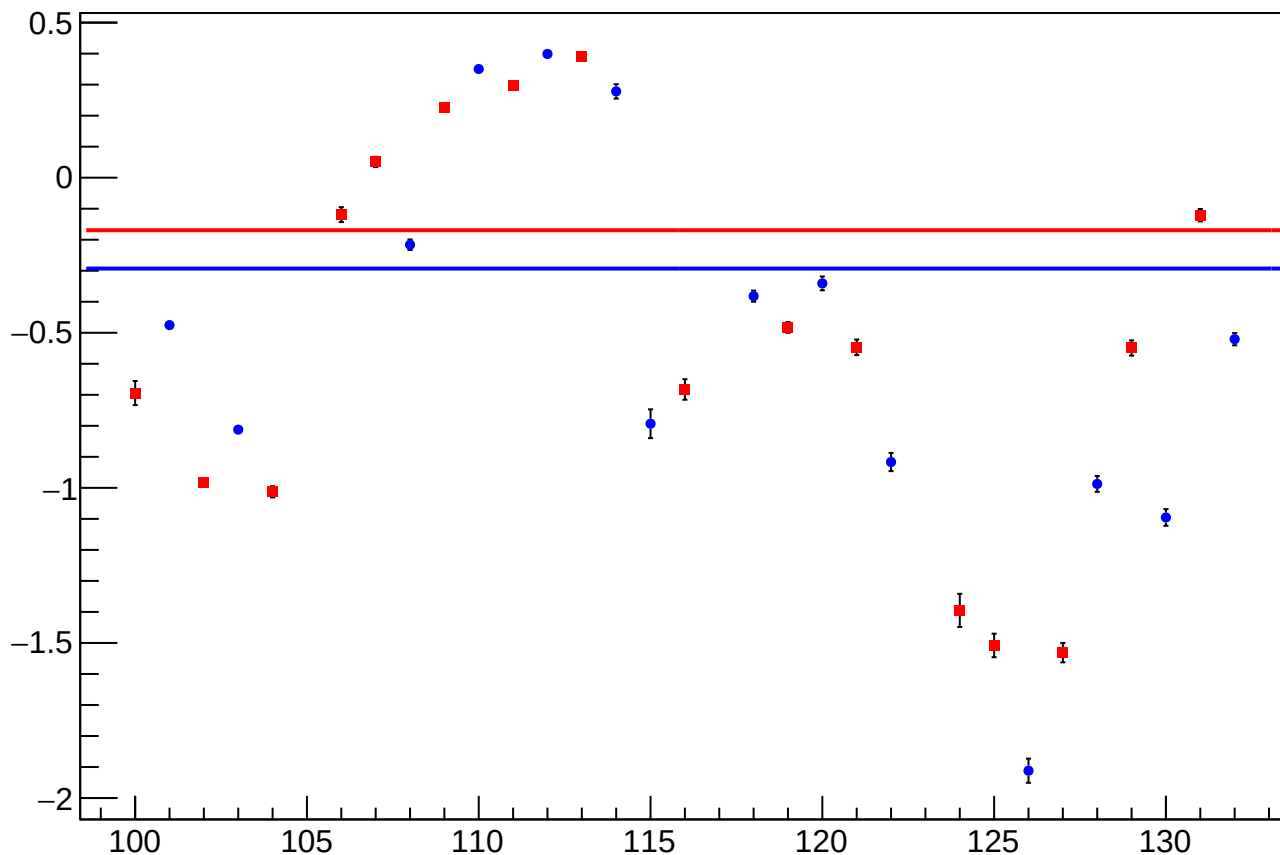
Right: -2.526+/-0.052 χ^2/NDF : 2357.4/29

In: -2.784+/-0.076 χ^2/NDF :1405.6/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.526+/-0.052 χ^2/NDF : 2357.4/29

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.293 ± 0.005 χ^2/NDF : 11225.9/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.169 ± 0.005 χ^2/NDF : 15250.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

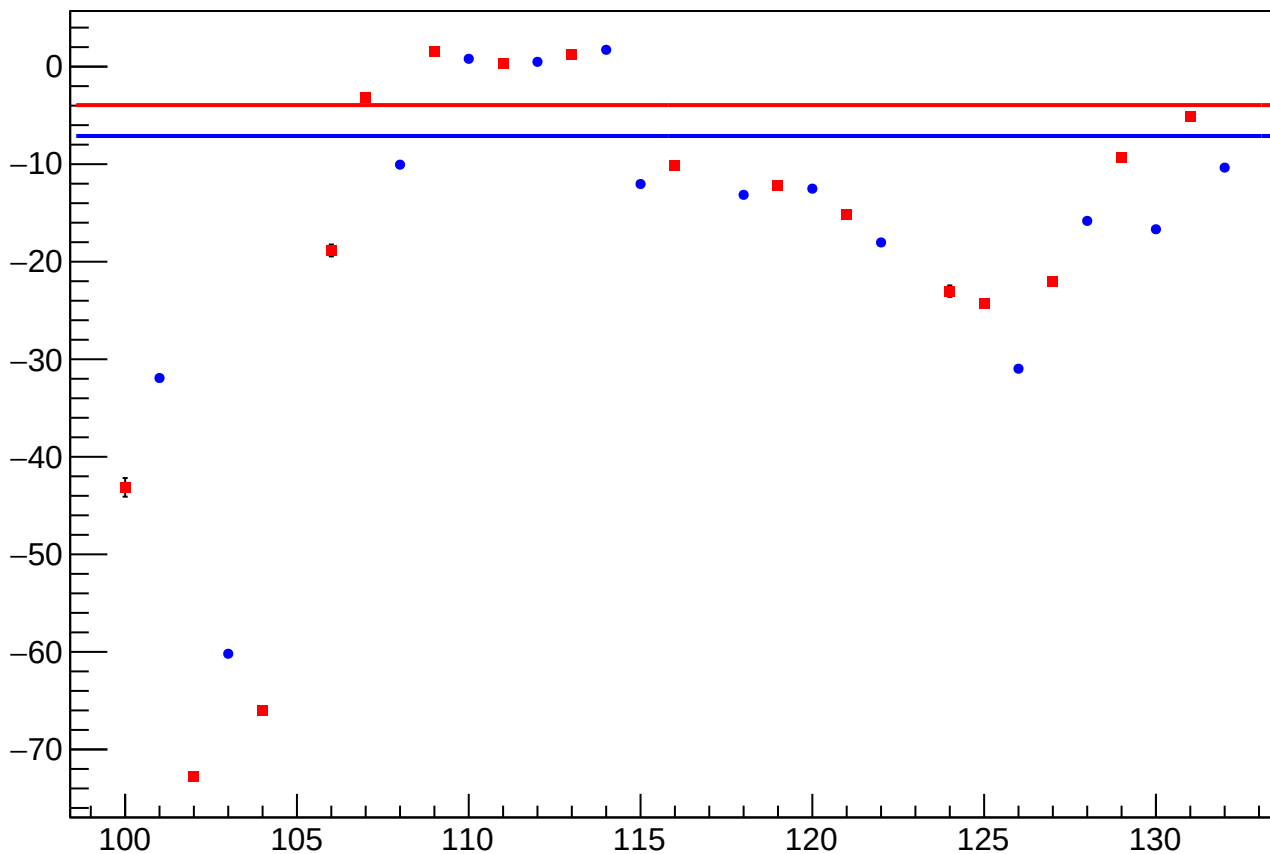
Right: -0.225 ± 0.003 χ^2/NDF : 26809.8/29

In: -0.293 ± 0.005 χ^2/NDF : 11225.9/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.225 ± 0.003 χ^2/NDF : 26809.8/29

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -7.112+/-0.058 χ^2/NDF : 40946.8/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.942+/-0.049 χ^2/NDF : 60808.9/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

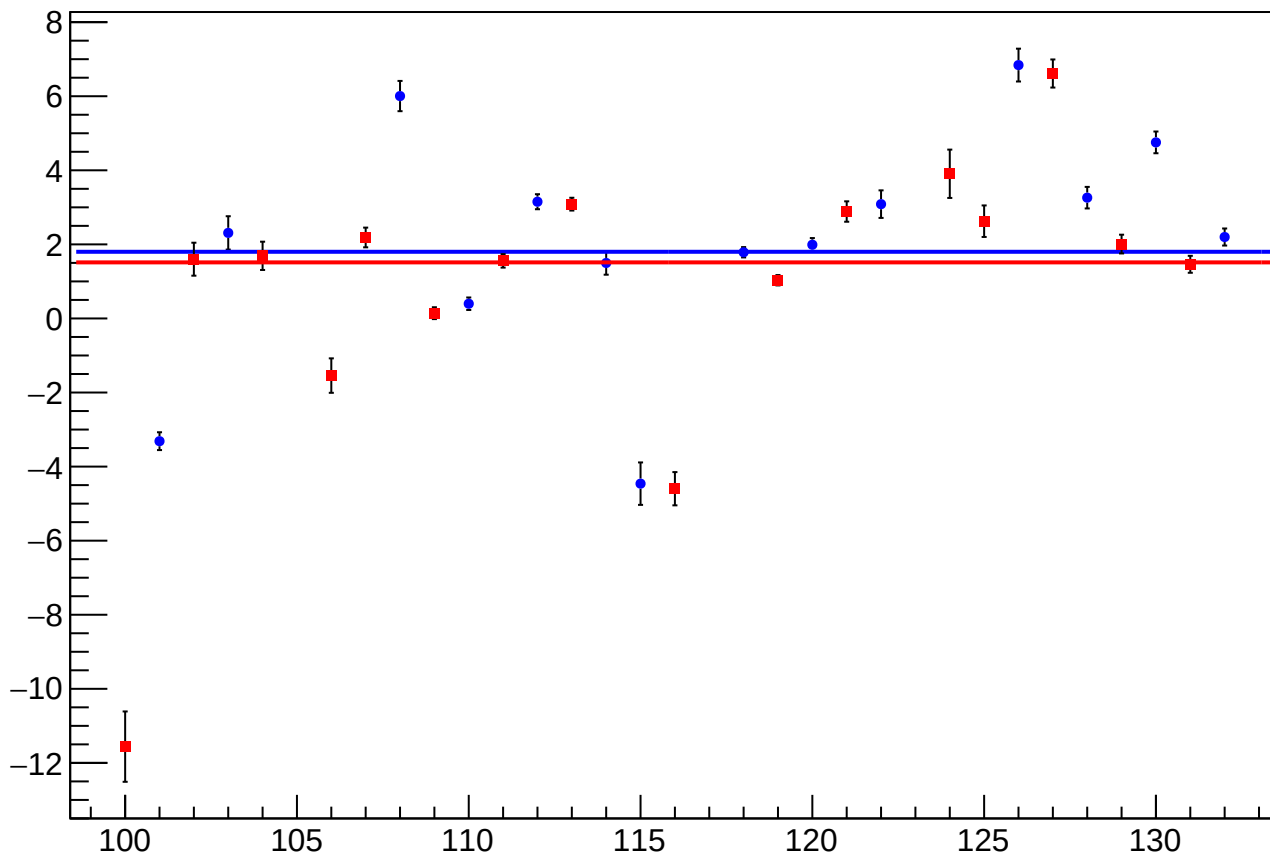
Right: -5.245+/-0.037 χ^2/NDF : 103505.3/29

In: -7.112+/-0.058 χ^2/NDF :40946.8/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.245+/-0.037 χ^2/NDF : 103505.3/29

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.800+/-0.065 χ^2/NDF : 1065.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.514+/-0.063 χ^2/NDF : 822.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

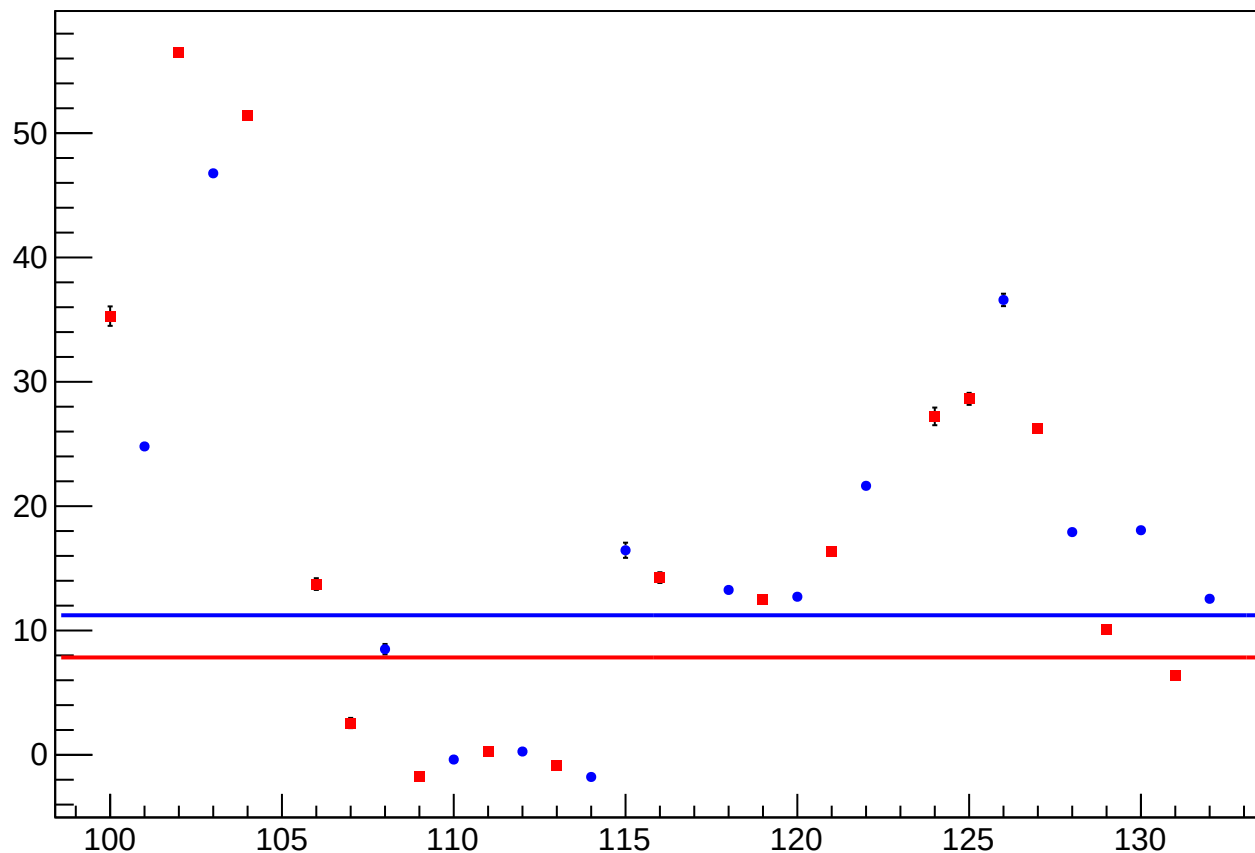
Right: 1.652+/-0.045 χ^2/NDF : 1897.8/29

In: 1.800+/-0.065 χ^2/NDF : 1065.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.652+/-0.045 χ^2/NDF : 1897.8/29

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.226+/-0.071 χ^2/NDF : 29813.9/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 7.833+/-0.064 χ^2/NDF : 50647.5/15

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

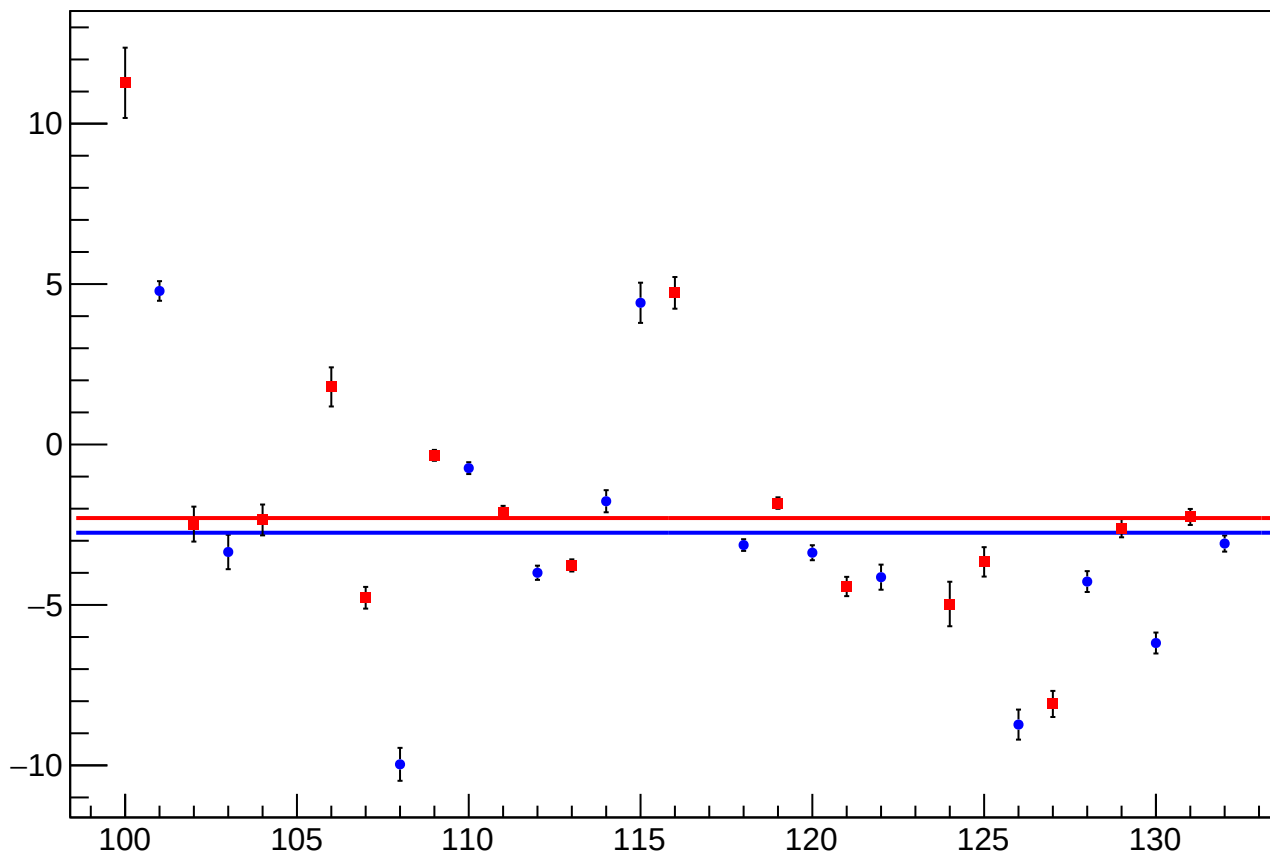
Right: 9.356+/-0.048 χ^2/NDF : 81714.2/29

In: 11.226+/-0.071 χ^2/NDF :29813.9/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 9.356+/-0.048 χ^2/NDF : 81714.2/29

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.750 ± 0.076 χ^2/NDF : 1418.1/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.292 ± 0.071 χ^2/NDF : 933.7/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

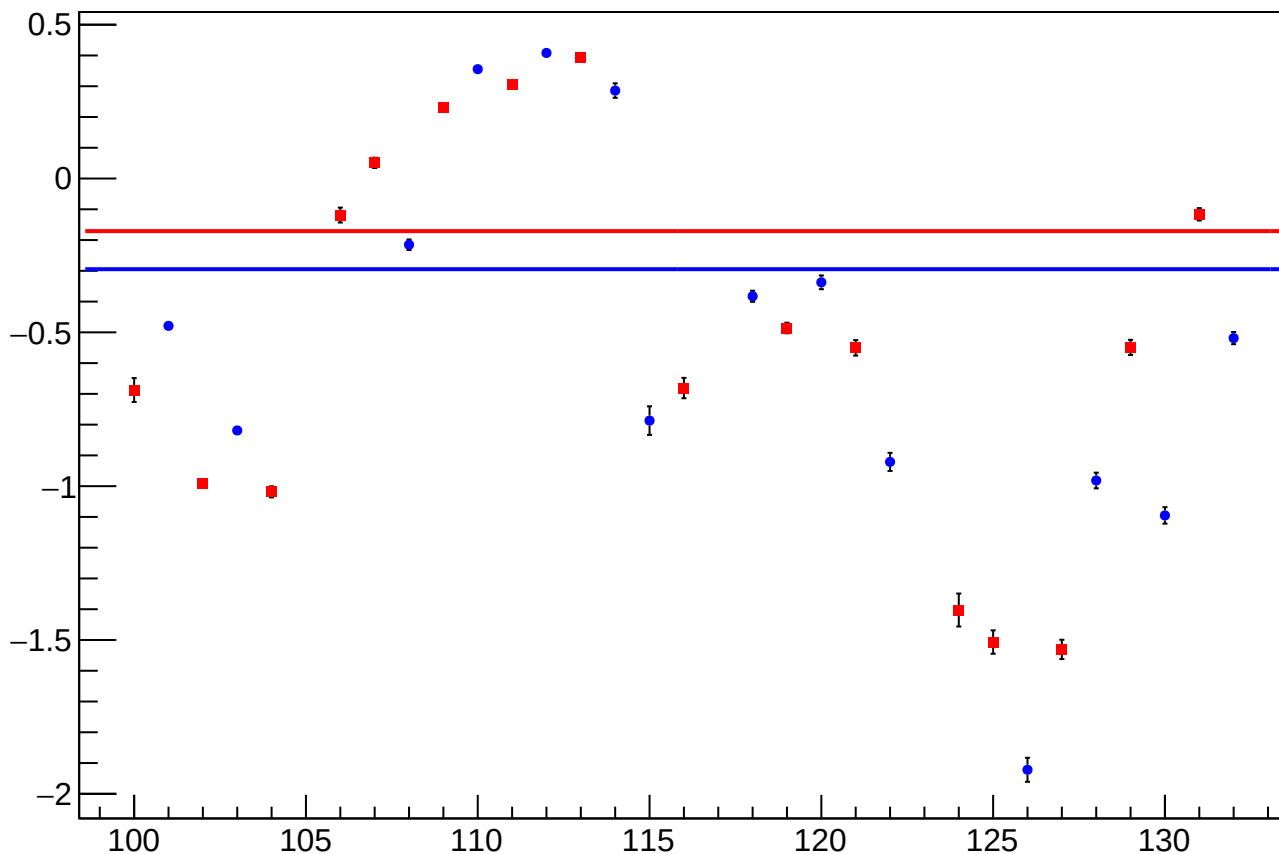
Right: -2.507 ± 0.052 χ^2/NDF : 2371.1/29

In: -2.750 ± 0.076 χ^2/NDF : 1418.1/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.507 ± 0.052 χ^2/NDF : 2371.1/29

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.295 ± 0.005 χ^2/NDF : 11256.0/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.171 ± 0.005 χ^2/NDF : 15224.2/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

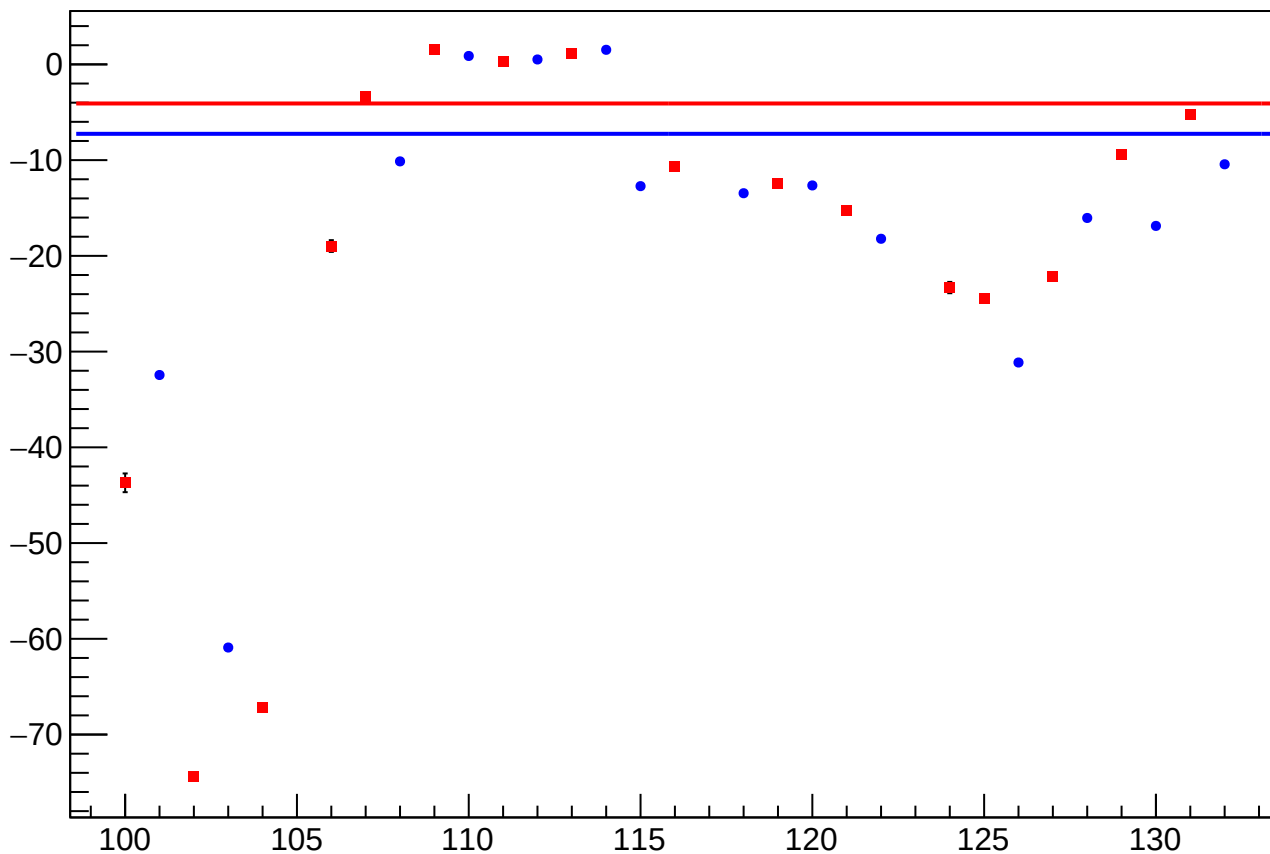
Right: -0.227 ± 0.003 χ^2/NDF : 26811.1/29

In: -0.295 ± 0.005 χ^2/NDF : 11256.0/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.227 ± 0.003 χ^2/NDF : 26811.1/29

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -7.252 $\pm$ 0.059 χ^2 /NDF: 40444.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -4.083 $\pm$ 0.050 χ^2 /NDF: 60286.8/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

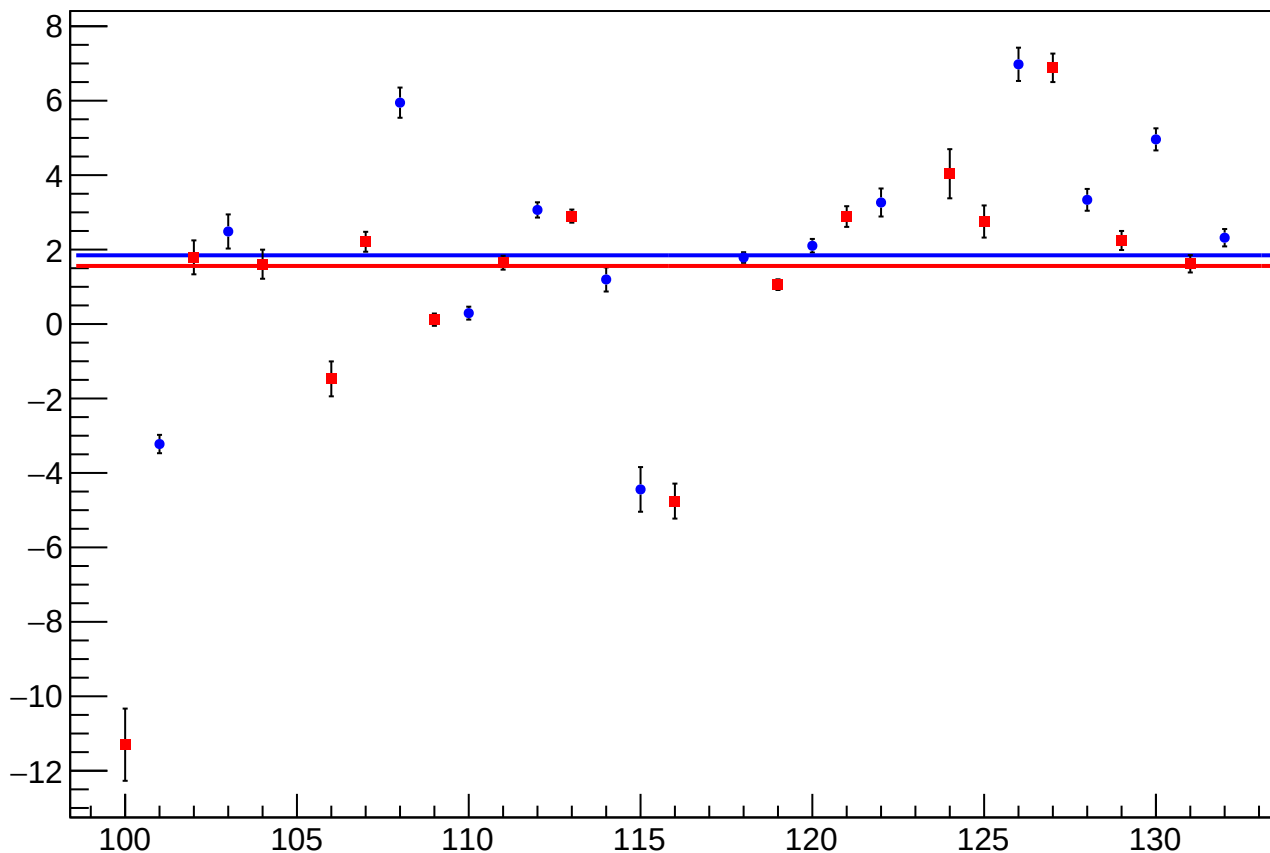
Right: -5.392 $\pm$ 0.038 χ^2 /NDF: 102406.3/29

In: -7.252 $\pm$ 0.059 χ^2 /NDF:40444.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.392 $\pm$ 0.038 χ^2 /NDF: 102406.3/29

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.846 $\pm$ 0.066 χ^2 /NDF: 1044.7/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.560 $\pm$ 0.064 χ^2 /NDF: 796.3/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

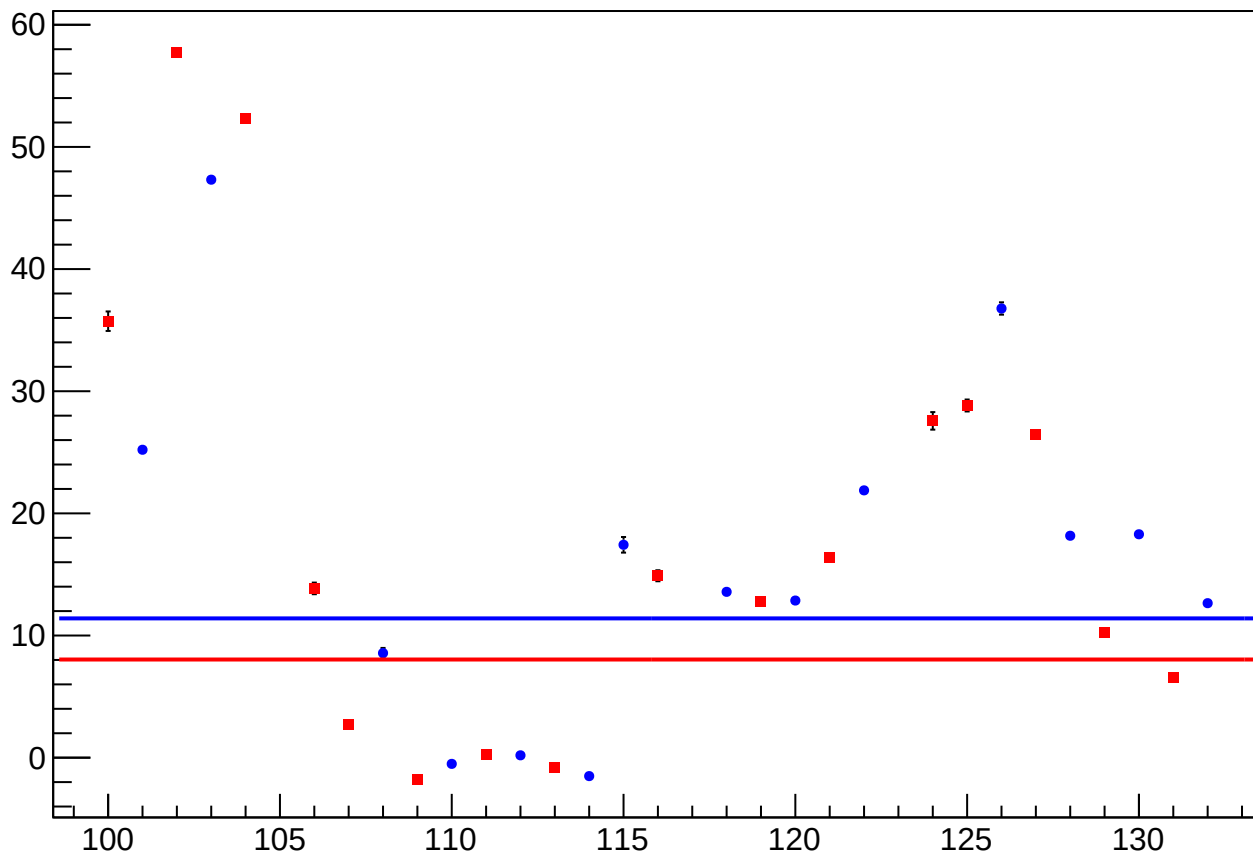
Right: 1.699 $\pm$ 0.046 χ^2 /NDF: 1850.6/29

In: 1.846 $\pm$ 0.066 χ^2 /NDF:1044.7/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.699 $\pm$ 0.046 χ^2 /NDF: 1850.6/29

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.402 $\pm$ 0.073 χ^2 /NDF: 29484.3/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 8.036 $\pm$ 0.066 χ^2 /NDF: 50200.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

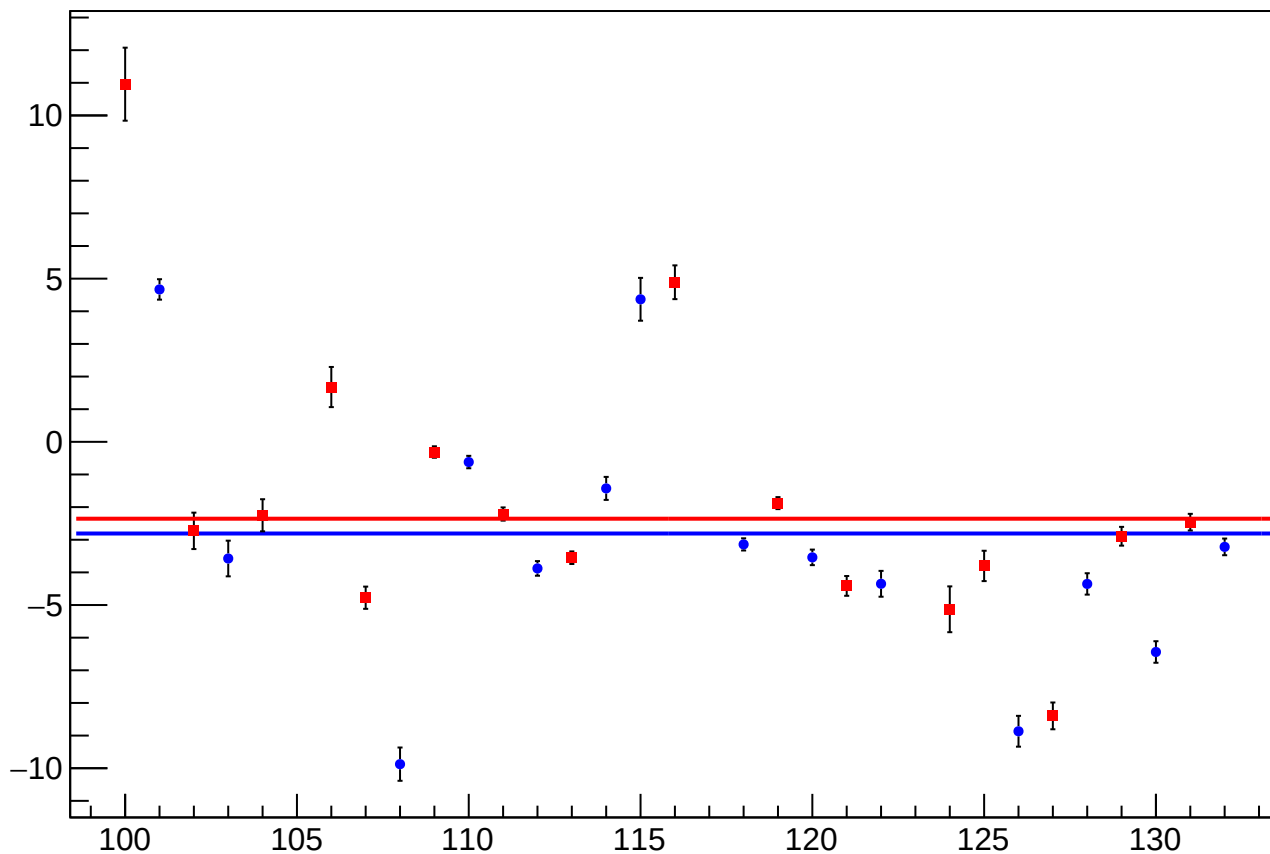
Right: 9.553 $\pm$ 0.049 χ^2 /NDF: 80868.2/29

In: 11.402 $\pm$ 0.073 χ^2 /NDF:29484.3/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 9.553 $\pm$ 0.049 χ^2 /NDF: 80868.2/29

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.809+/-0.078 χ^2 /NDF: 1392.8/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2.355+/-0.073 χ^2 /NDF: 905.8/15

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

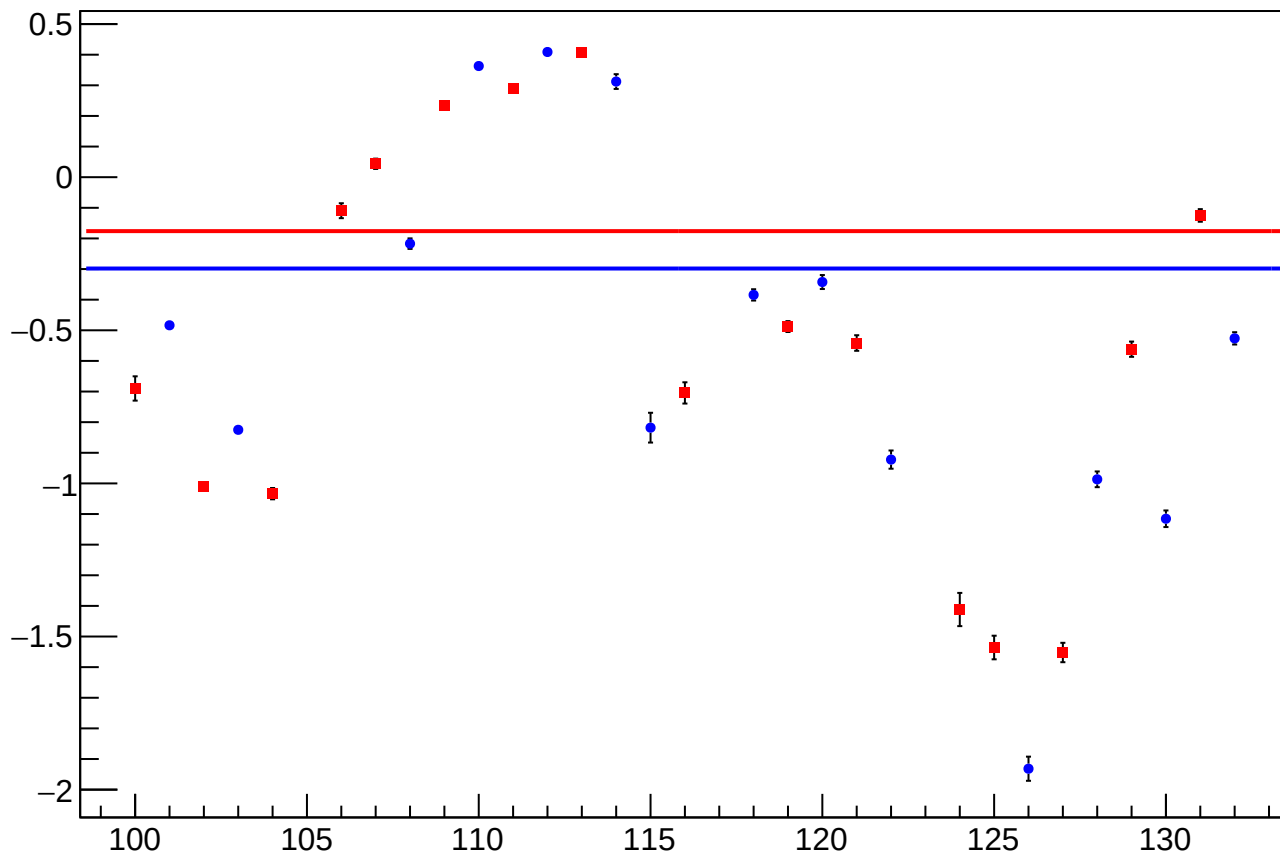
Right: -2.568+/-0.053 χ^2 /NDF: 2316.7/29

In: -2.809+/-0.078 χ^2 /NDF:1392.8/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2.568+/-0.053 χ^2 /NDF: 2316.7/29

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.298 ± 0.005 $\chi^2/\text{NDF}: 11132.0/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.176 ± 0.005 $\chi^2/\text{NDF}: 15015.2/15$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

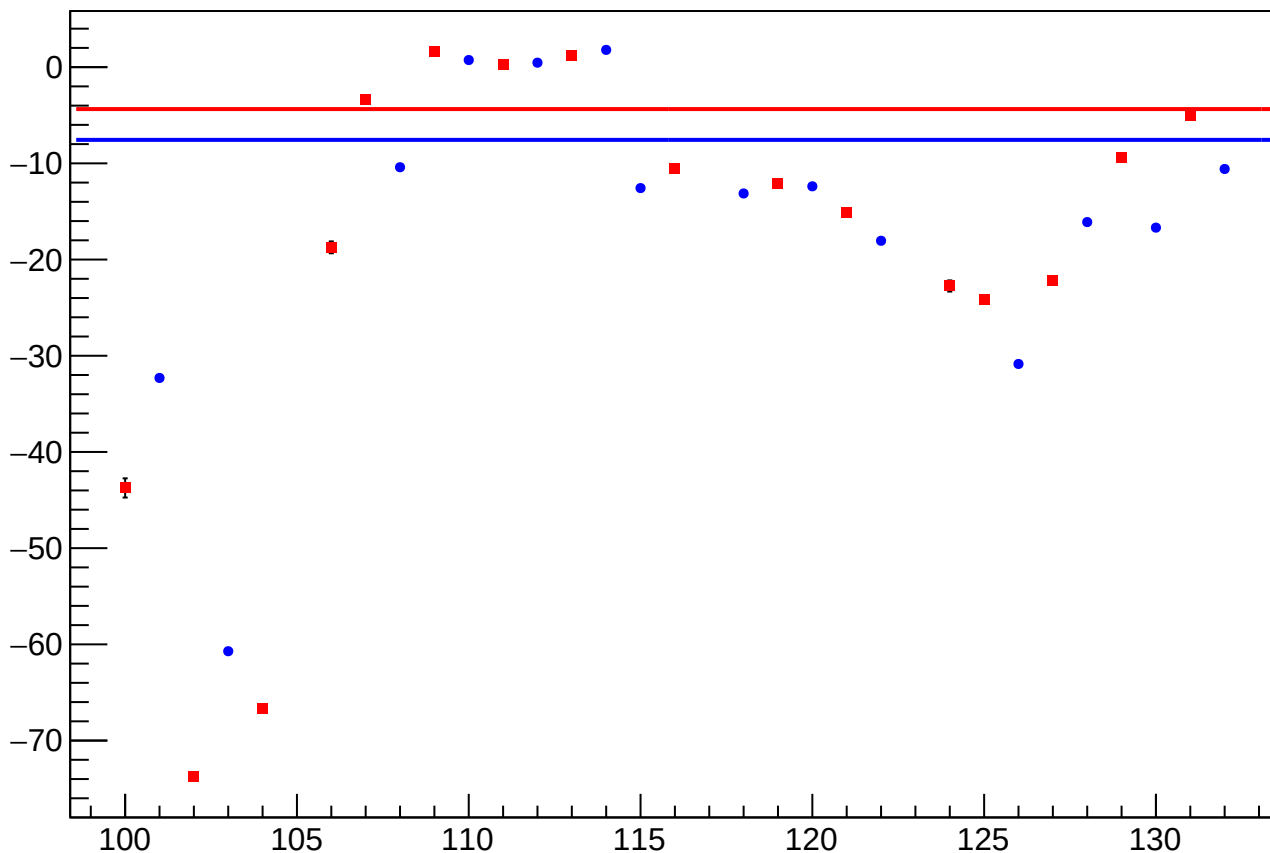
Right: -0.231 ± 0.003 $\chi^2/\text{NDF}: 26457.4/29$

In: -0.298 ± 0.005 $\chi^2/\text{NDF}: 11132.0/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.231 ± 0.003 $\chi^2/\text{NDF}: 26457.4/29$

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -7.559+/-0.060 χ^2/NDF : 39138.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.358+/-0.051 χ^2/NDF : 58783.6/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

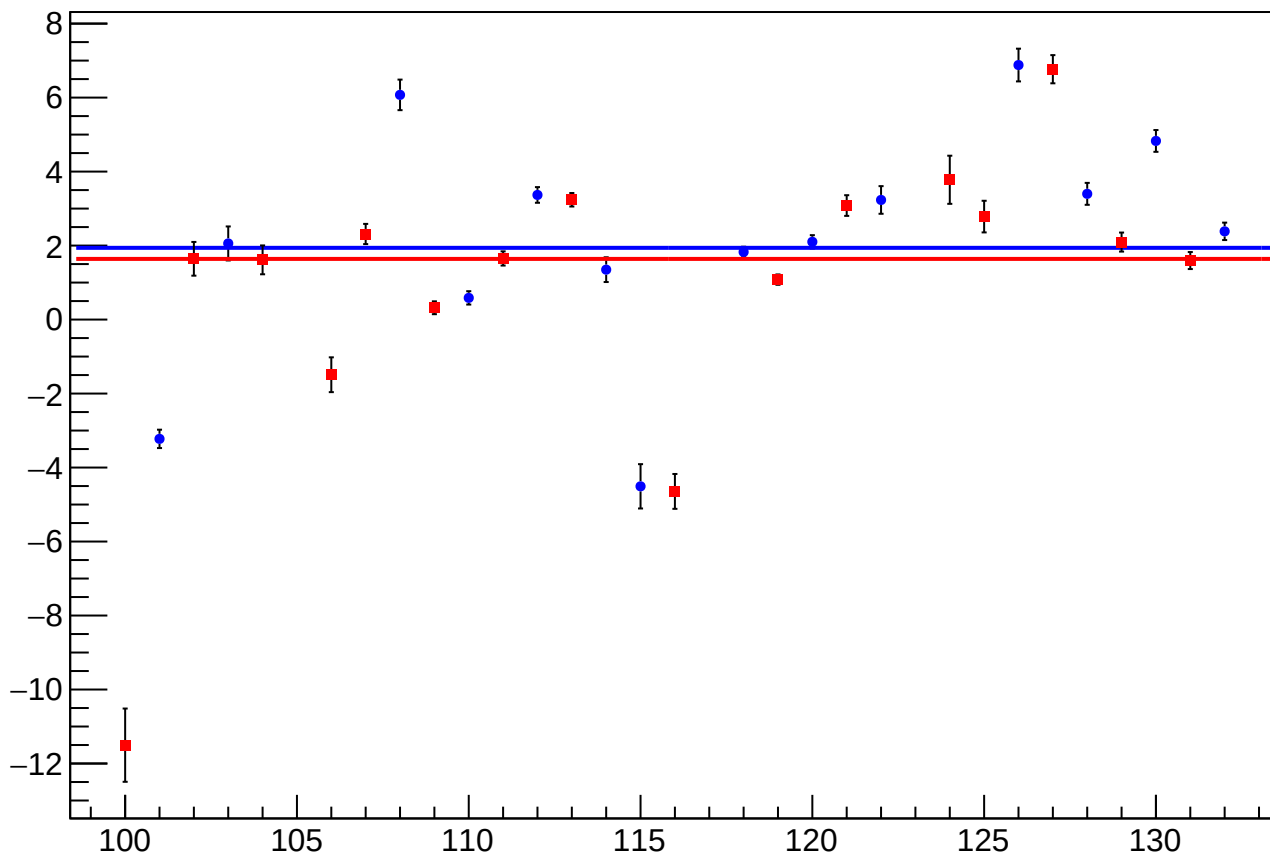
Right: -5.692+/-0.039 χ^2/NDF : 99556.0/29

In: -7.559+/-0.060 χ^2/NDF : 39138.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.692+/-0.039 χ^2/NDF : 99556.0/29

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.939 $\pm$ 0.067 χ^2 /NDF: 1015.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.640 $\pm$ 0.065 χ^2 /NDF: 784.1/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

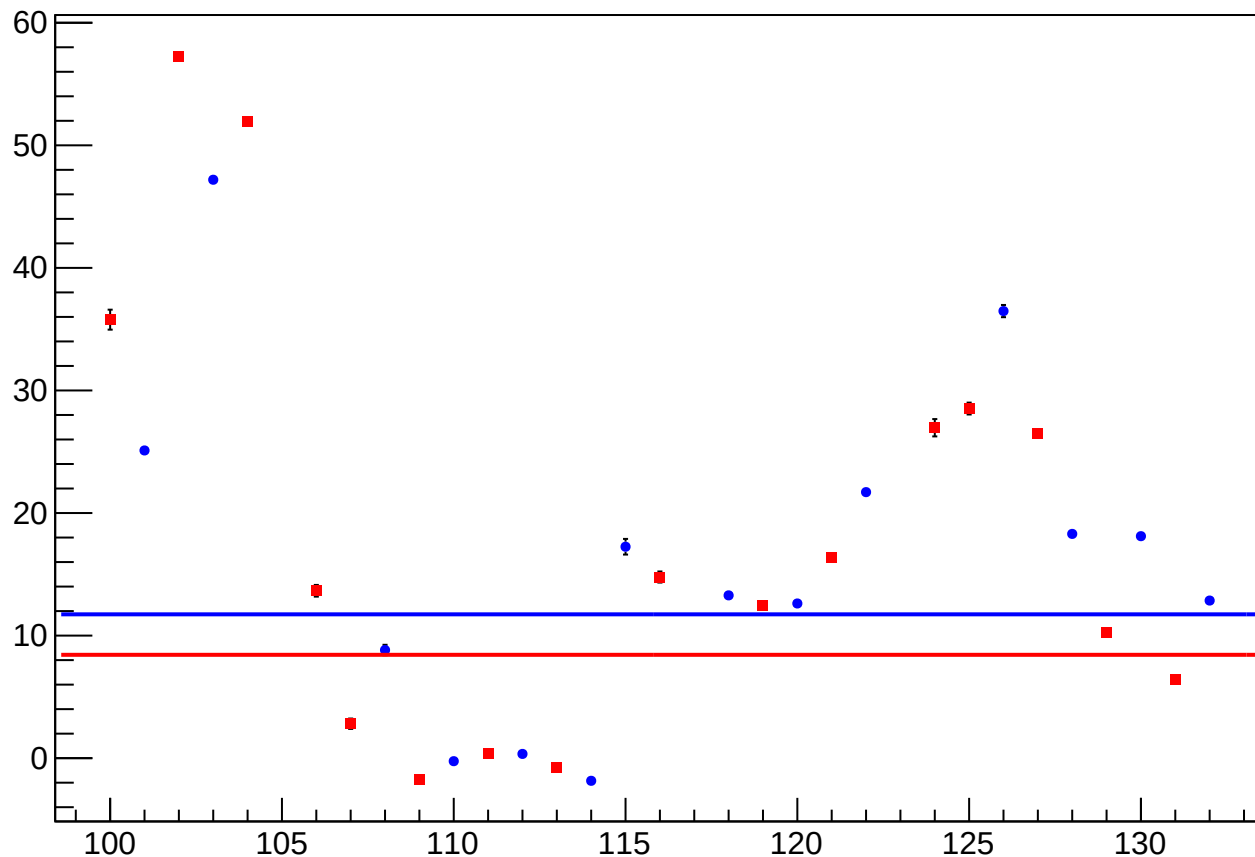
Right: 1.785 $\pm$ 0.046 χ^2 /NDF: 1810.3/29

In: 1.939 $\pm$ 0.067 χ^2 /NDF:1015.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.785 $\pm$ 0.046 χ^2 /NDF: 1810.3/29

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.735+/-0.074 χ^2/NDF : 28238.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.433+/-0.067 χ^2/NDF : 48487.4/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

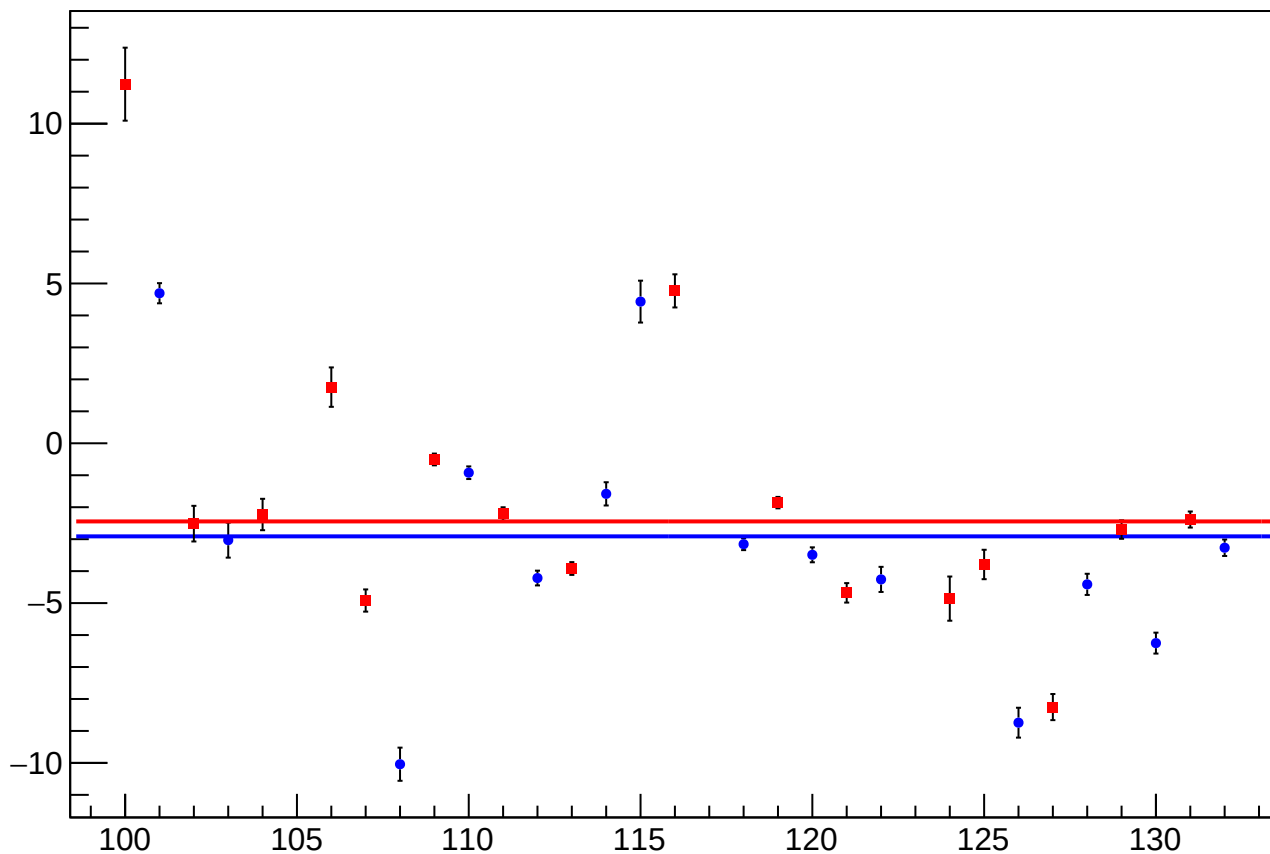
Right: 9.930+/-0.050 χ^2/NDF : 77828.2/29

In: 11.735+/-0.074 χ^2/NDF : 28238.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.930+/-0.050 χ^2/NDF : 77828.2/29

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.912 ± 0.078 χ^2/NDF : 1344.3/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.445 ± 0.074 χ^2/NDF : 889.4/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

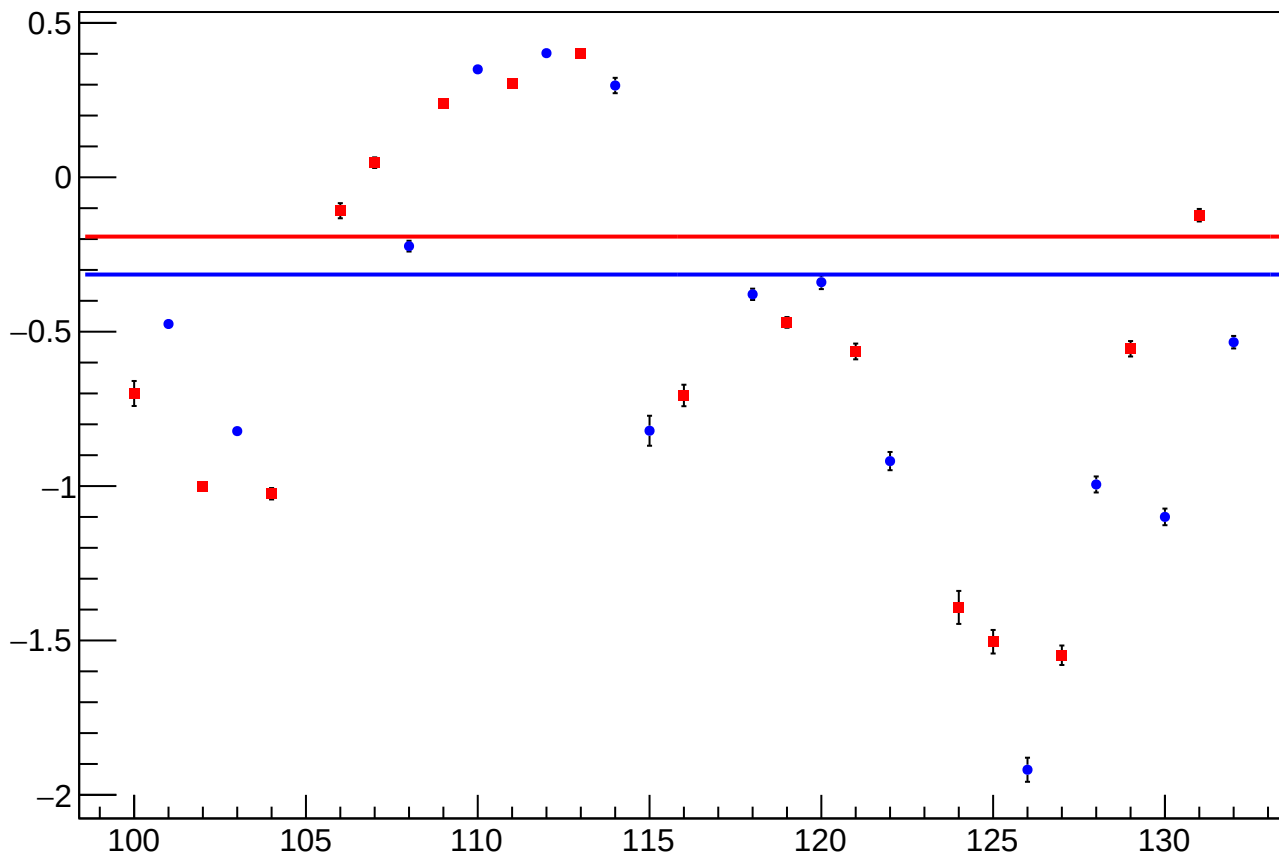
Right: -2.665 ± 0.054 χ^2/NDF : 2252.5/29

In: -2.912 ± 0.078 χ^2/NDF : 1344.3/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.665 ± 0.054 χ^2/NDF : 2252.5/29

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.315 ± 0.005 χ^2/NDF : 10550.7/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.192 ± 0.005 χ^2/NDF : 14533.0/15

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

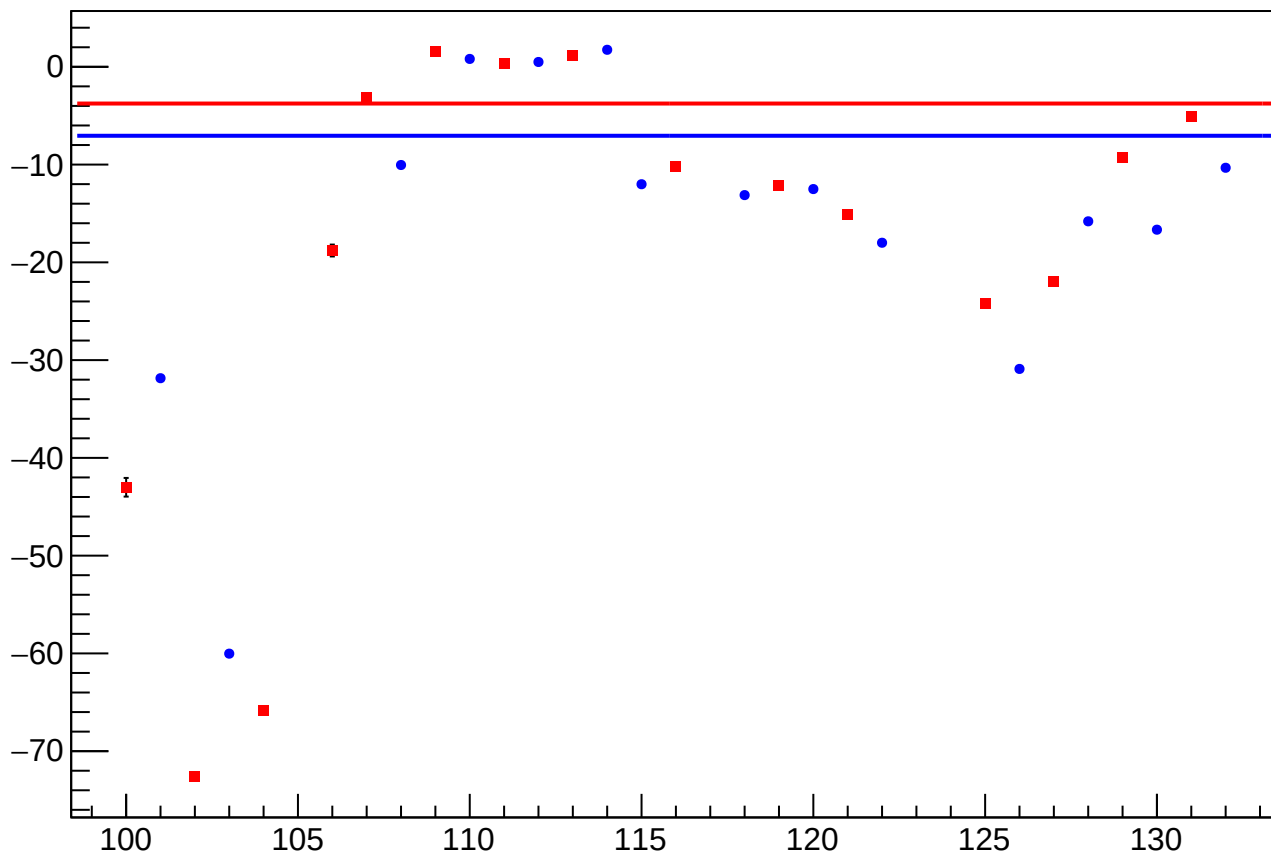
Right: -0.248 ± 0.004 χ^2/NDF : 25388.7/29

In: -0.315 ± 0.005 χ^2/NDF : 10550.7/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.248 ± 0.004 χ^2/NDF : 25388.7/29

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -7.053 ± 0.058 χ^2/NDF : 41095.3/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.756 ± 0.048 χ^2/NDF : 59892.6/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

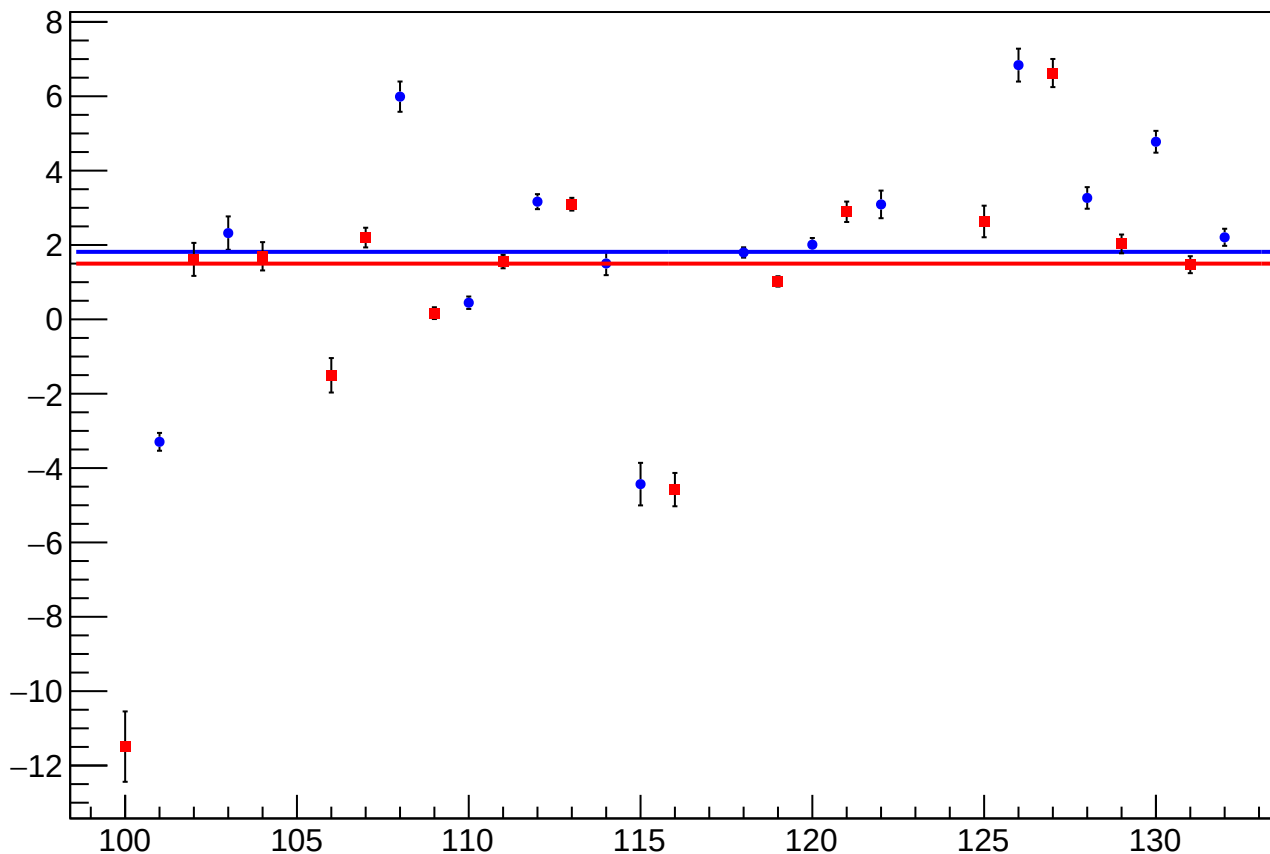
Right: -5.114 ± 0.037 χ^2/NDF : 102895.1/28

In: -7.053 ± 0.058 χ^2/NDF : 41095.3/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.114 ± 0.037 χ^2/NDF : 102895.1/28

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.815+/-0.065 χ^2/NDF : 1063.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.499+/-0.063 χ^2/NDF : 811.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

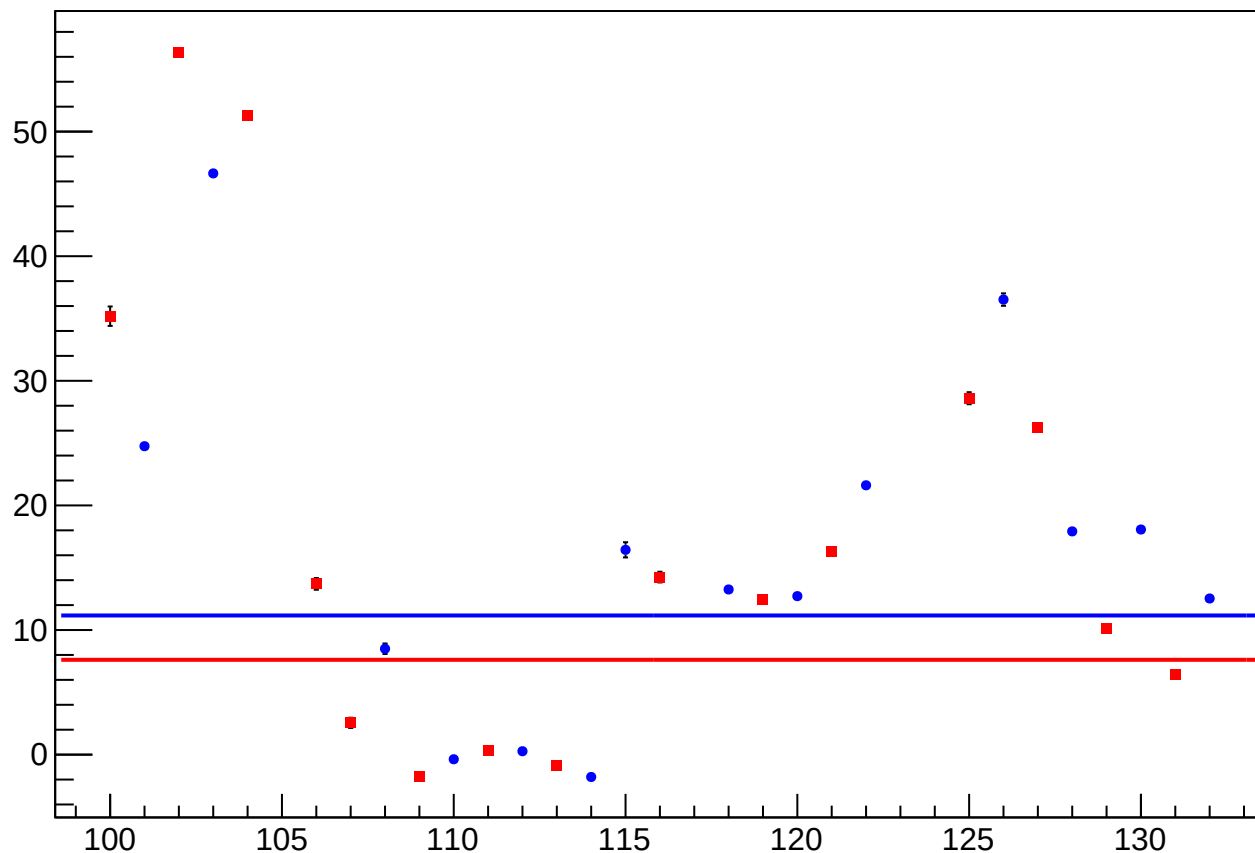
Right: 1.653+/-0.045 χ^2/NDF : 1887.6/28

In: 1.815+/-0.065 χ^2/NDF : 1063.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.653+/-0.045 χ^2/NDF : 1887.6/28

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.168+/-0.071 χ^2/NDF : 29943.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.611+/-0.064 χ^2/NDF : 50061.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

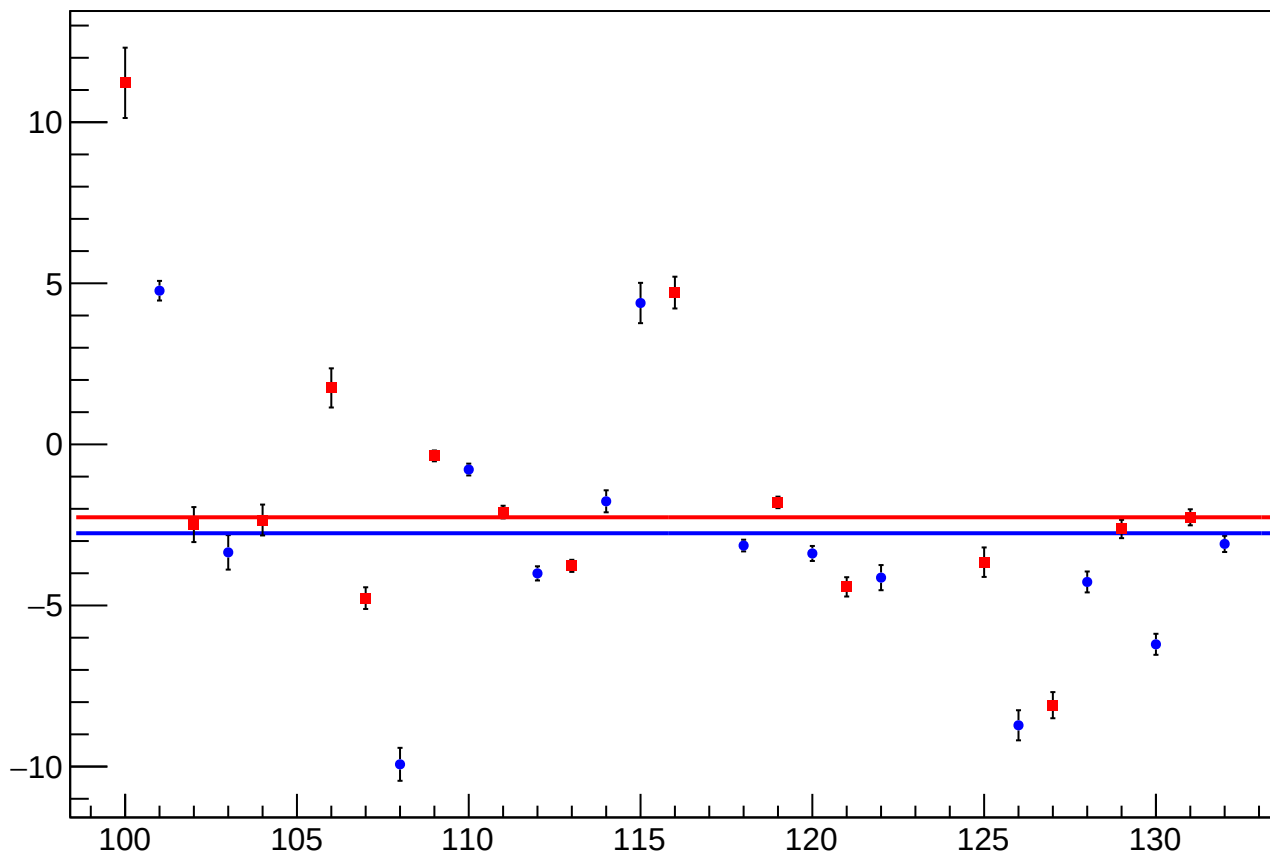
Right: 9.212+/-0.048 χ^2/NDF : 81390.6/28

In: 11.168+/-0.071 χ^2/NDF : 29943.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.212+/-0.048 χ^2/NDF : 81390.6/28

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.758+/-0.076 χ^2 /NDF: 1417.1/13

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2.262+/-0.071 χ^2 /NDF: 921.6/14

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

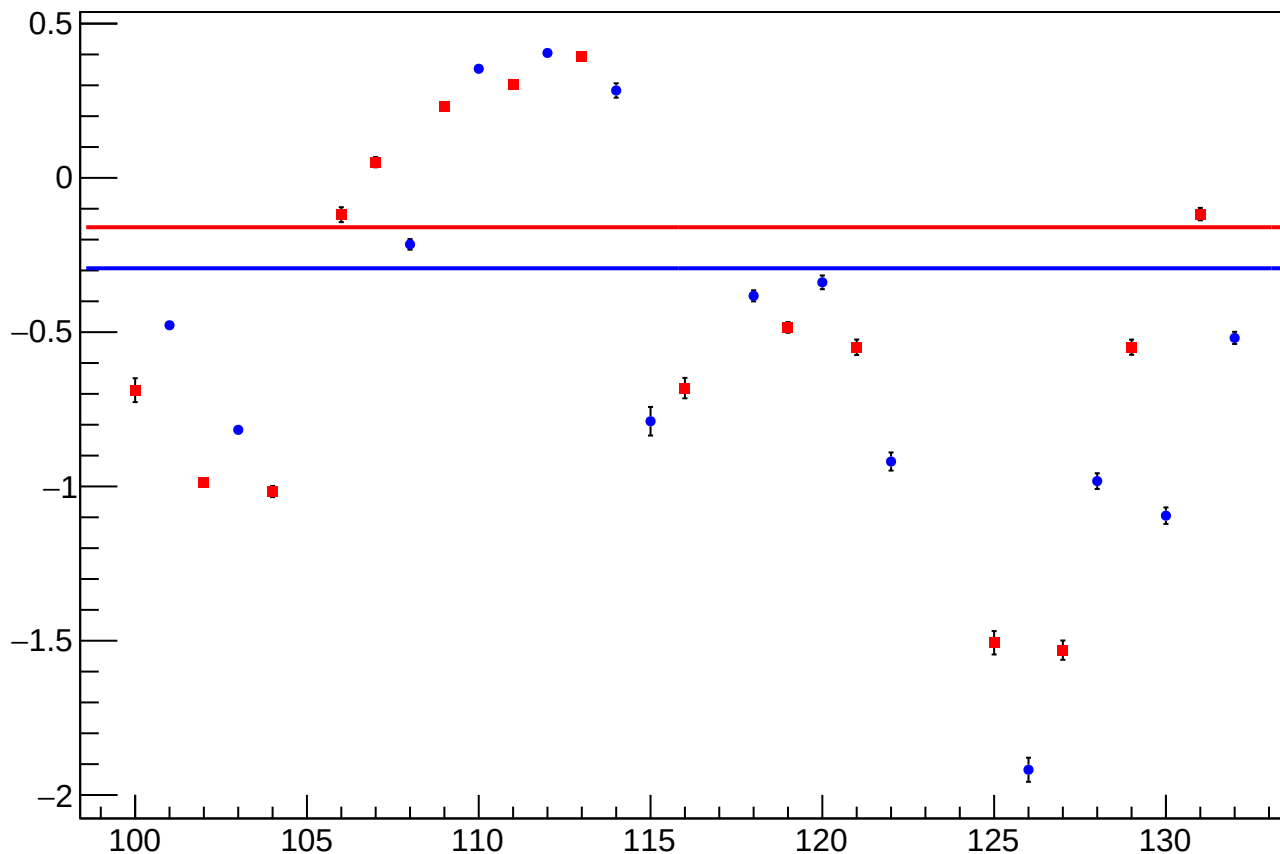
Right: -2.496+/-0.052 χ^2 /NDF: 2361.3/28

In: -2.758+/-0.076 χ^2 /NDF:1417.1/13

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2.496+/-0.052 χ^2 /NDF: 2361.3/28

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.293 ± 0.005 $\chi^2/\text{NDF}: 11287.9/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.160 ± 0.005 $\chi^2/\text{NDF}: 14759.0/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

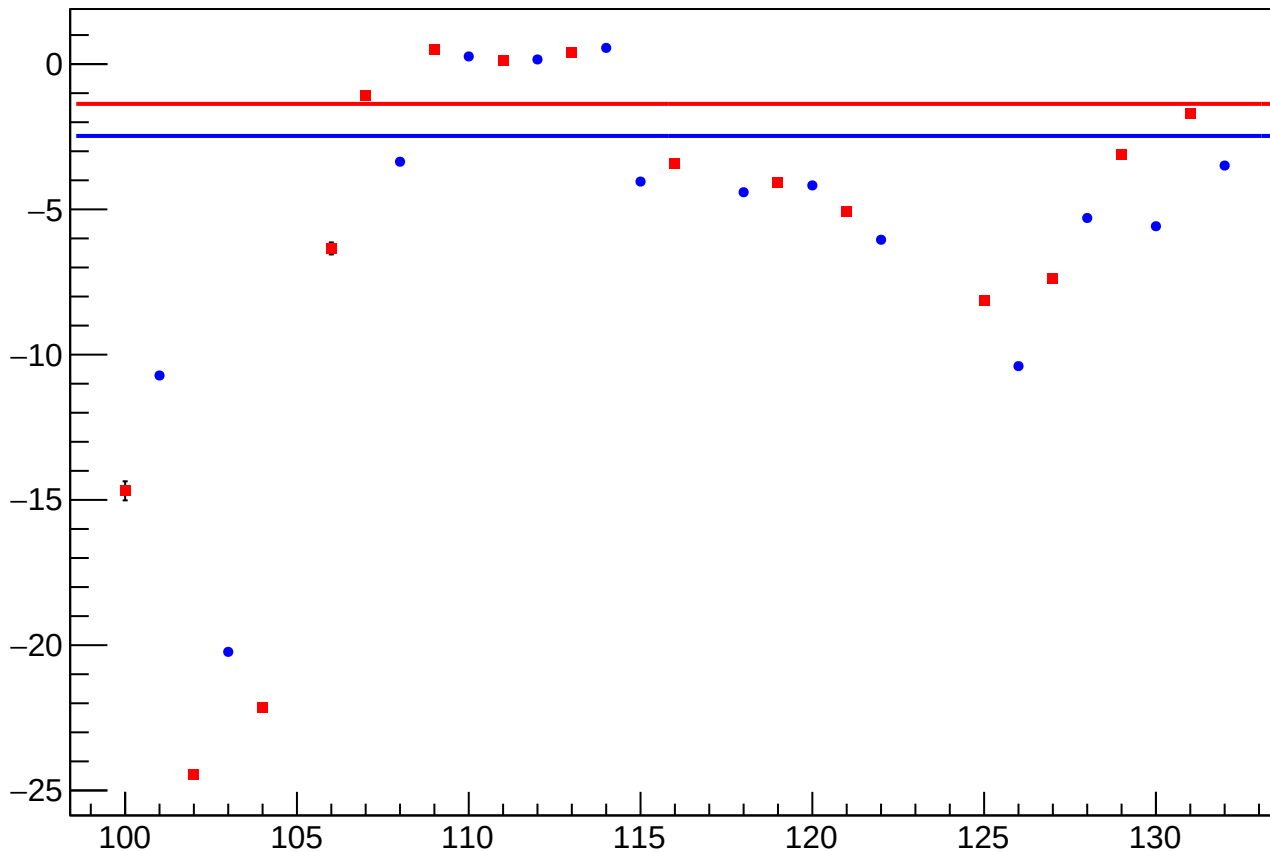
Right: -0.220 ± 0.003 $\chi^2/\text{NDF}: 26431.7/28$

In: -0.293 ± 0.005 $\chi^2/\text{NDF}: 11287.9/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.220 ± 0.003 $\chi^2/\text{NDF}: 26431.7/28$

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.472+/-0.020 χ^2/NDF : 39898.5/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.369+/-0.017 χ^2/NDF : 58509.7/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

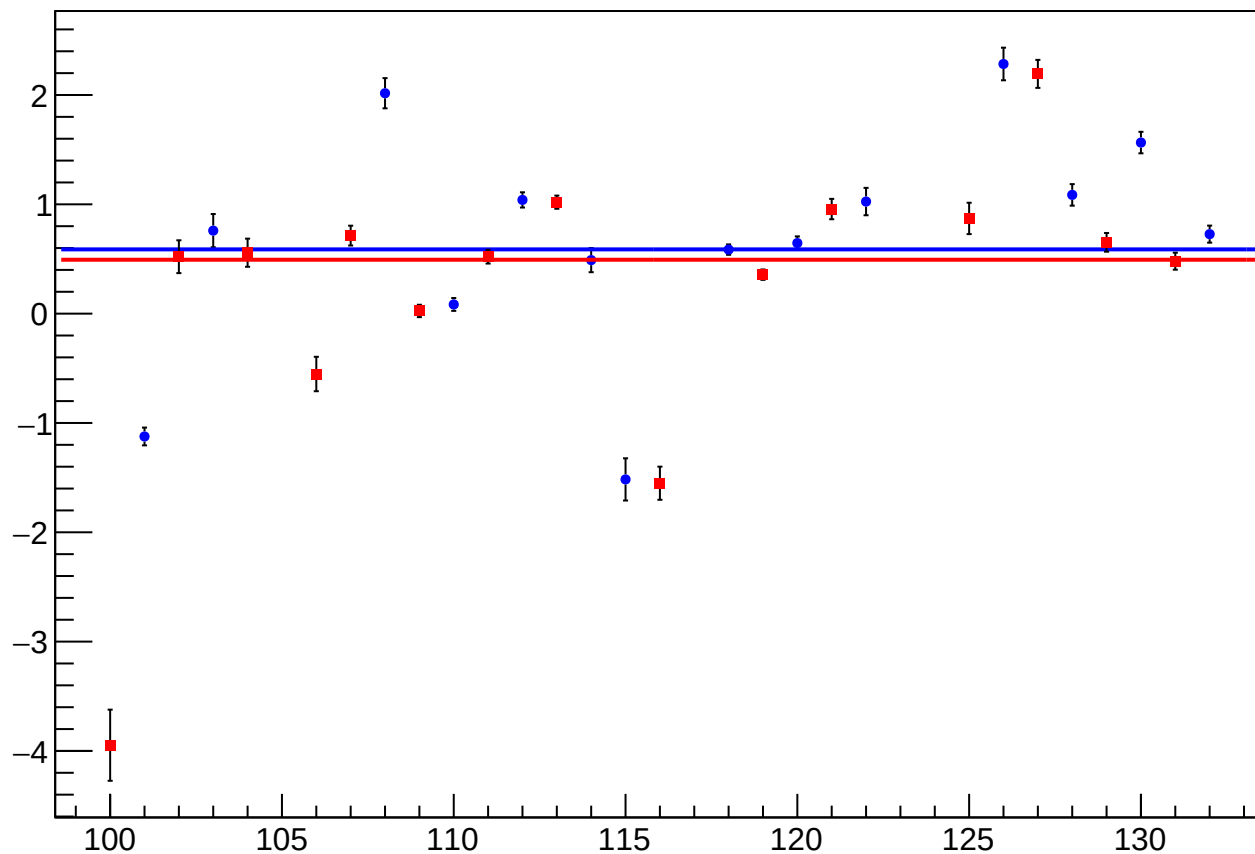
Right: -1.830+/-0.013 χ^2/NDF : 100186.9/28

In: -2.472+/-0.020 χ^2/NDF :39898.5/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.830+/-0.013 χ^2/NDF : 100186.9/28

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.588+/-0.022 χ^2/NDF : 1056.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.493+/-0.022 χ^2/NDF : 783.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

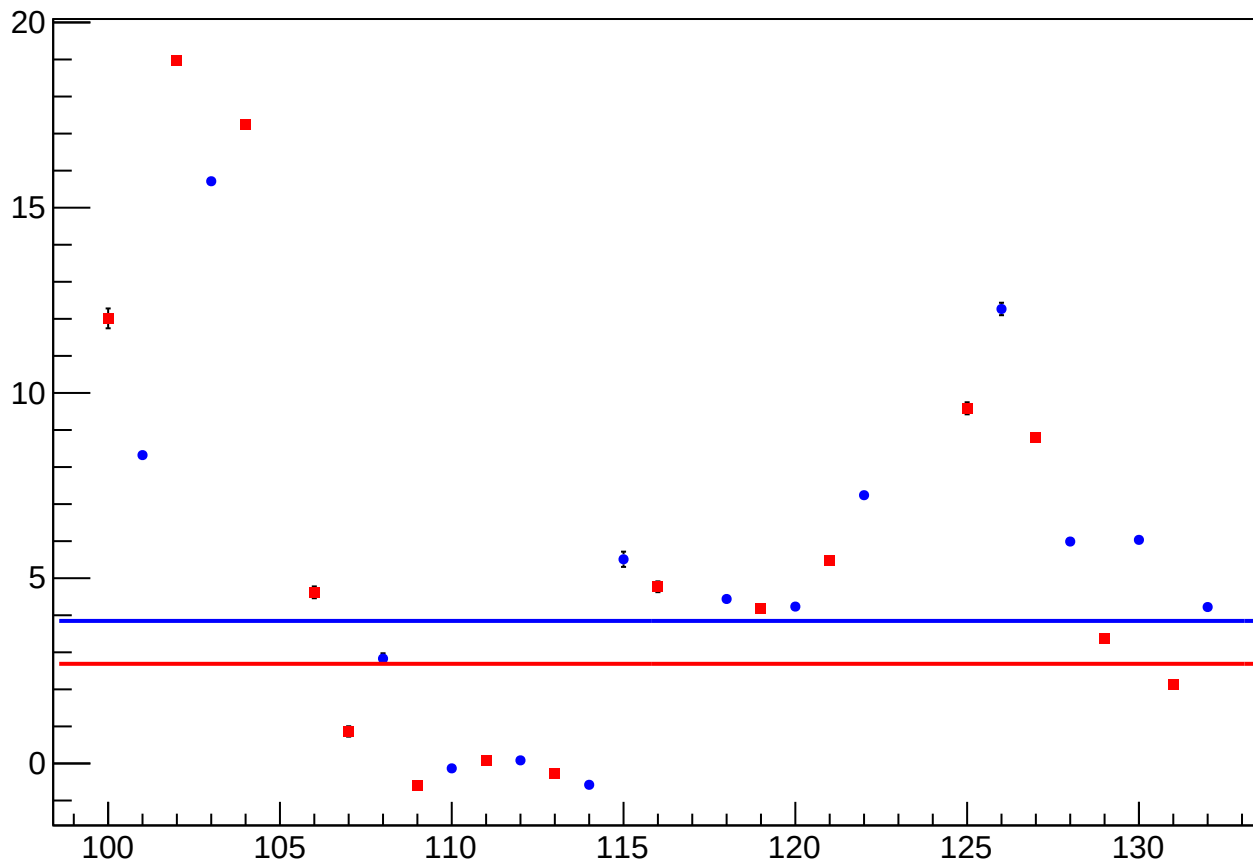
Right: 0.540+/-0.015 χ^2/NDF : 1849.1/28

In: 0.588+/-0.022 χ^2/NDF : 1056.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.540+/-0.015 χ^2/NDF : 1849.1/28

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.847+/-0.024 χ^2/NDF : 28911.8/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.689+/-0.022 χ^2/NDF : 48637.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

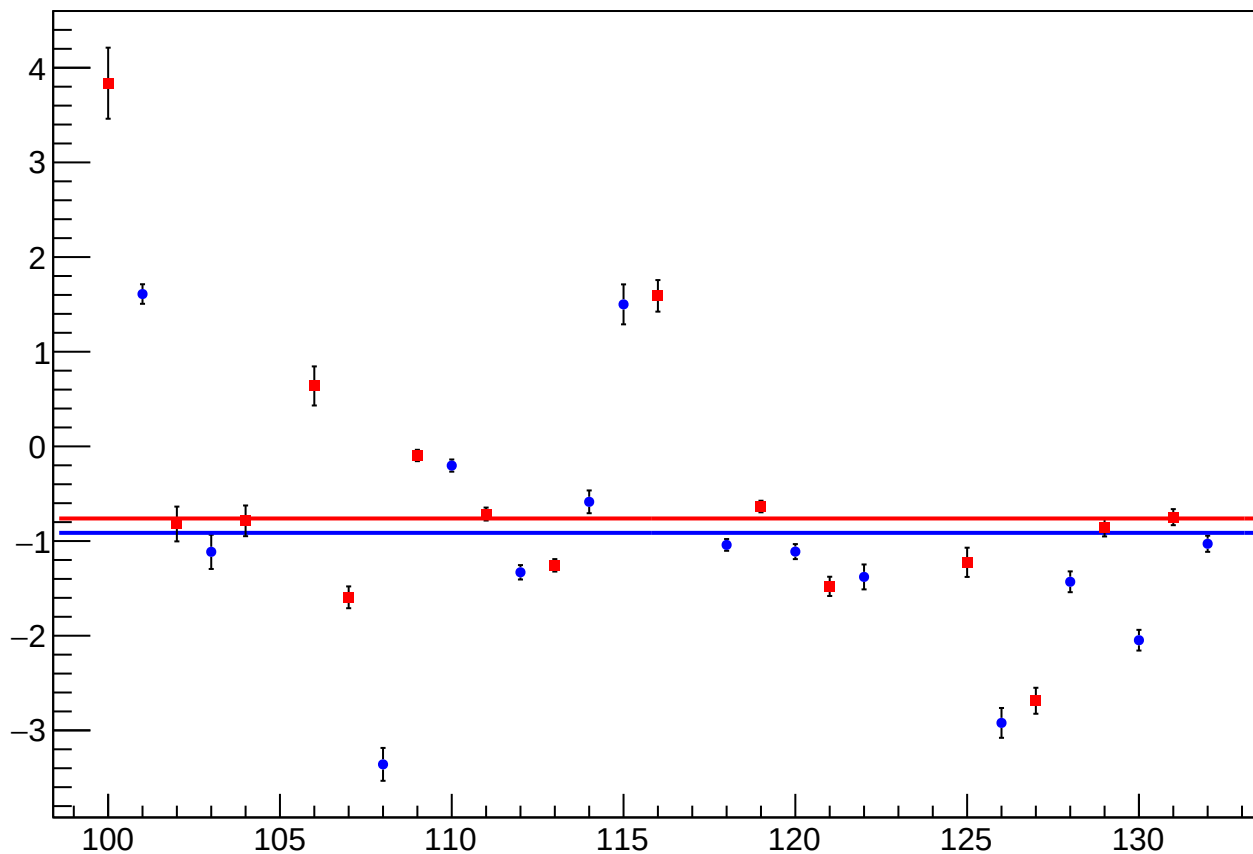
Right: 3.217+/-0.016 χ^2/NDF : 78783.7/28

In: 3.847+/-0.024 χ^2/NDF : 28911.8/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.217+/-0.016 χ^2/NDF : 78783.7/28

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.913 ± 0.026 χ^2/NDF : 1402.9/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.762 ± 0.025 χ^2/NDF : 888.2/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

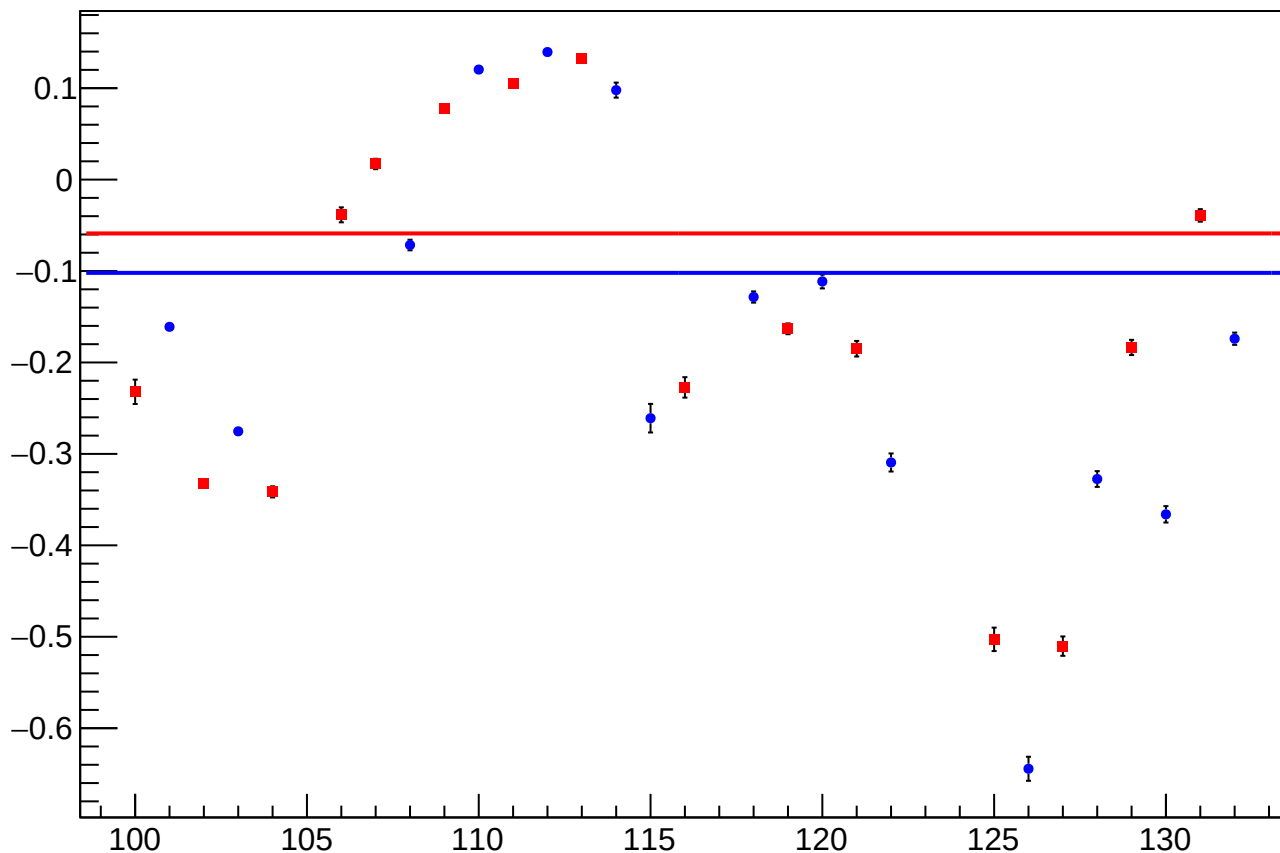
Right: -0.834 ± 0.018 χ^2/NDF : 2309.0/28

In: -0.913 ± 0.026 χ^2/NDF : 1402.9/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.834 ± 0.018 χ^2/NDF : 2309.0/28

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.102 ± 0.002 χ^2/NDF : 10933.2/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.059 ± 0.002 χ^2/NDF : 14189.1/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

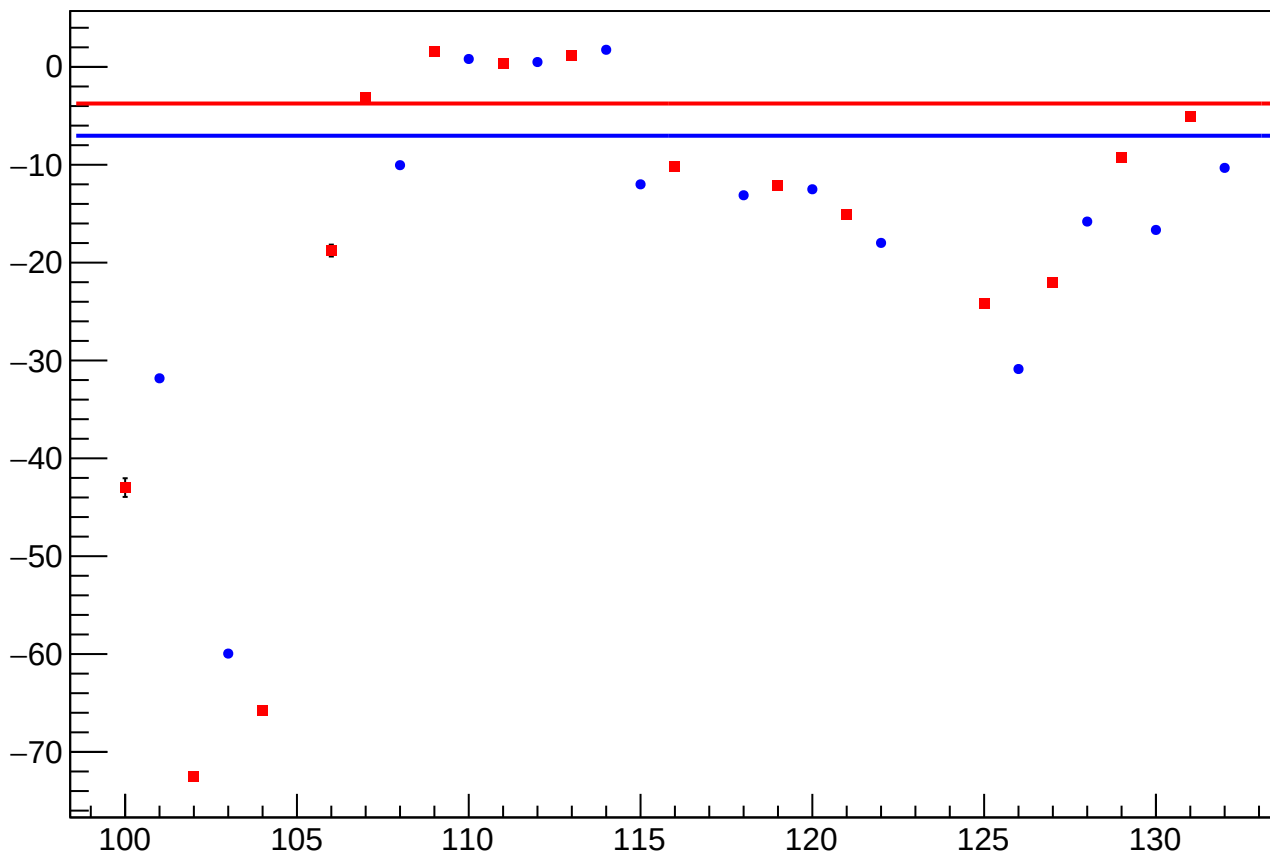
Right: -0.079 ± 0.001 χ^2/NDF : 25464.5/28

In: -0.102 ± 0.002 χ^2/NDF : 10933.2/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.079 ± 0.001 χ^2/NDF : 25464.5/28

reg_asym_bcm_an_us_an_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -7.033+/-0.058 χ^2/NDF : 41128.2/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.741+/-0.048 χ^2/NDF : 59924.6/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

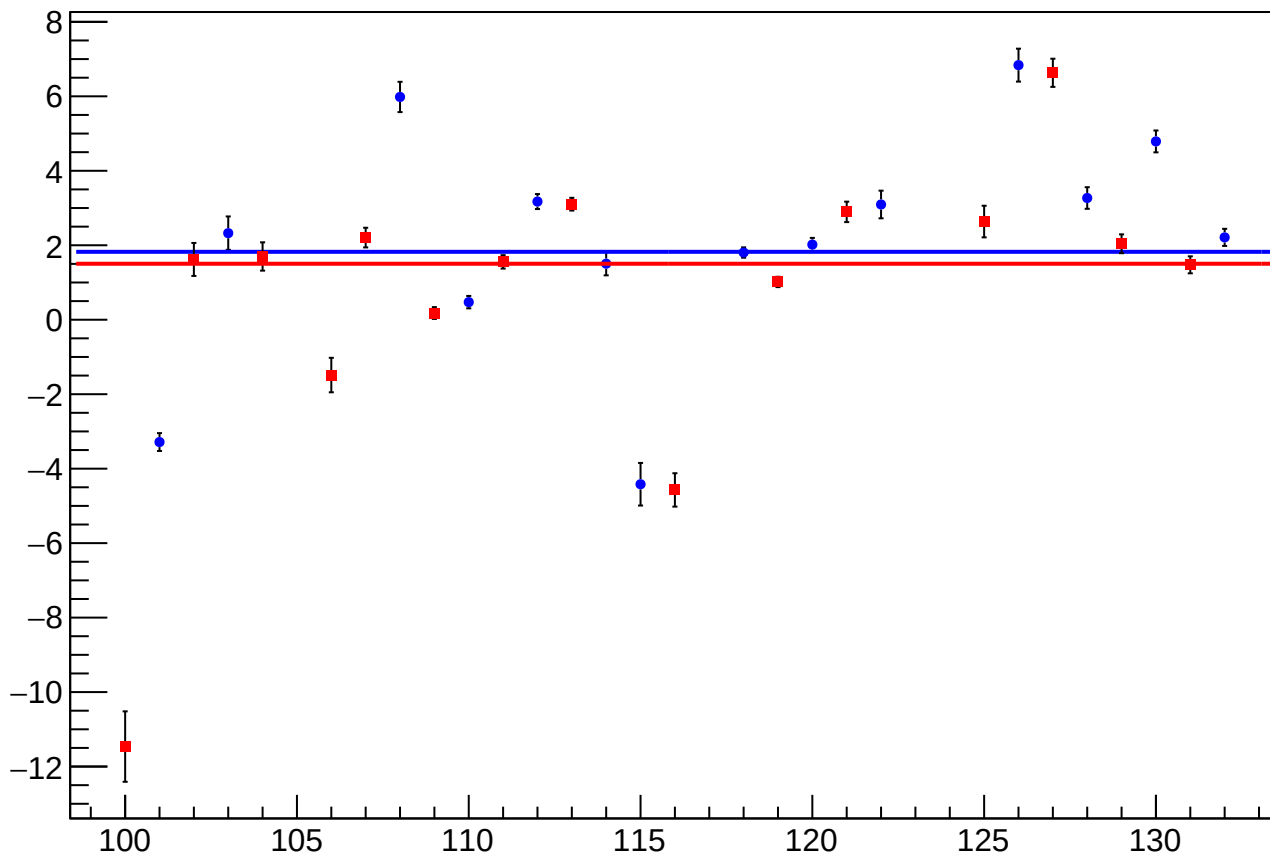
Right: -5.096+/-0.037 χ^2/NDF : 102960.4/28

In: -7.033+/-0.058 χ^2/NDF :41128.2/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.096+/-0.037 χ^2/NDF : 102960.4/28

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.824+/-0.065 χ^2/NDF : 1062.1/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.503+/-0.063 χ^2/NDF : 811.6/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

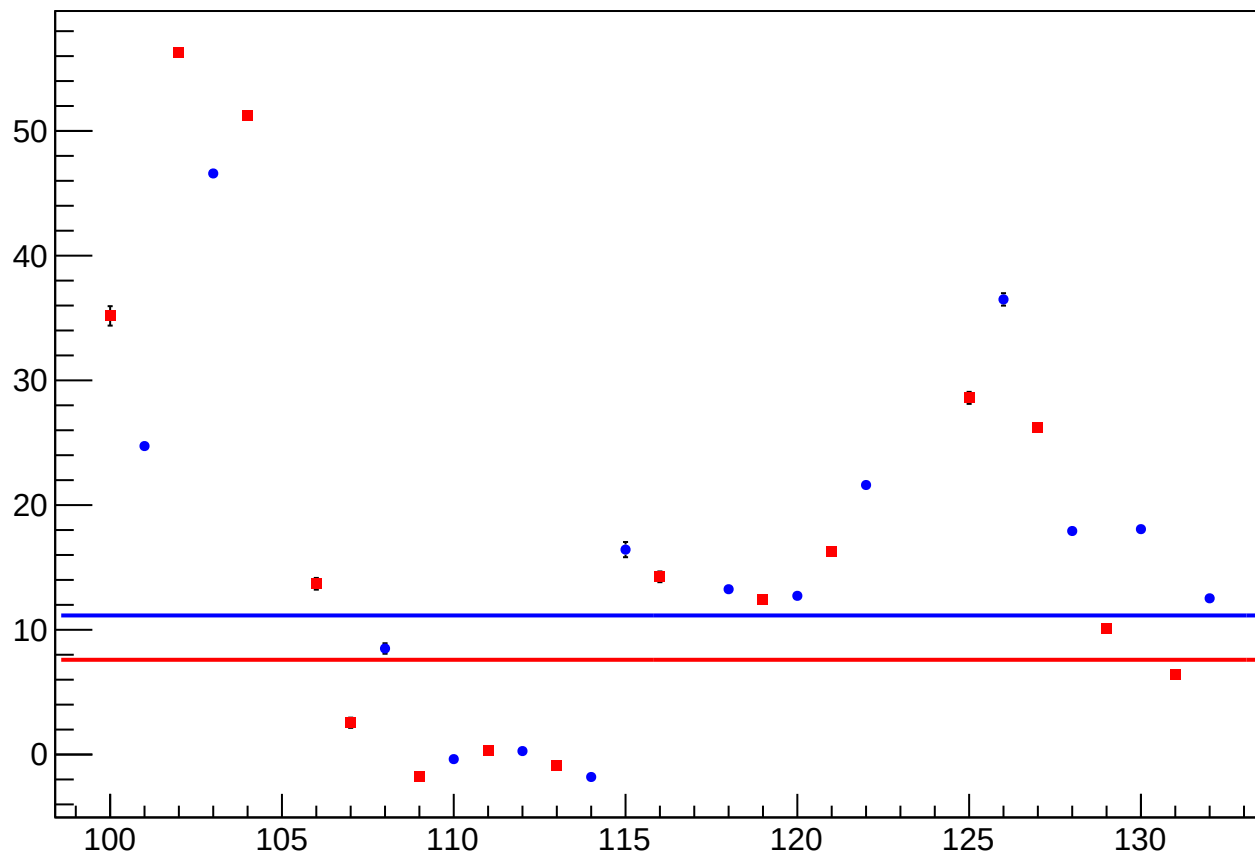
Right: 1.659+/-0.045 χ^2/NDF : 1886.4/28

In: 1.824+/-0.065 χ^2/NDF : 1062.1/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.659+/-0.045 χ^2/NDF : 1886.4/28

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 11.150+/-0.071 χ^2/NDF : 29972.3/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.596+/-0.064 χ^2/NDF : 50092.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

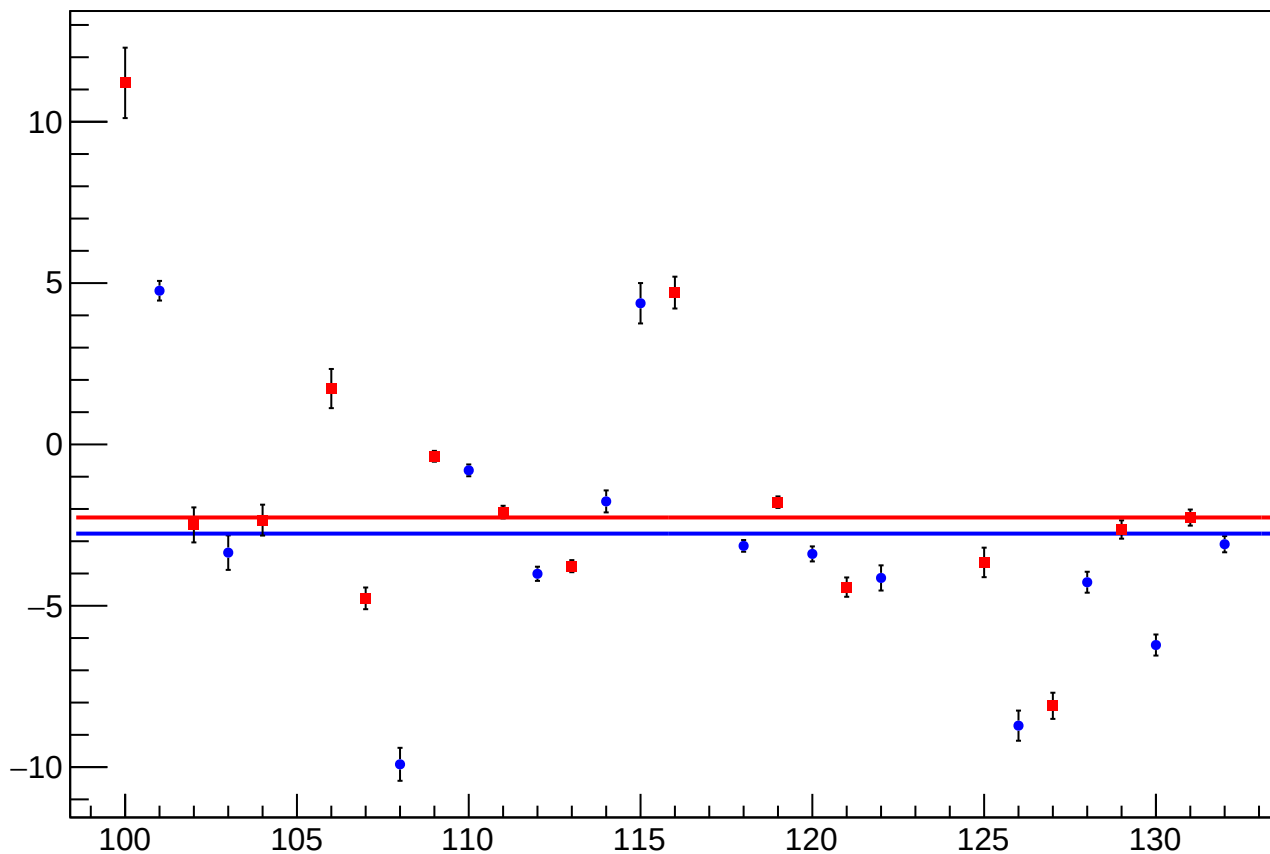
Right: 9.196+/-0.047 χ^2/NDF : 81452.4/28

In: 11.150+/-0.071 χ^2/NDF : 29972.3/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.196+/-0.047 χ^2/NDF : 81452.4/28

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.764 ± 0.076 χ^2/NDF : 1415.4/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.264 ± 0.071 χ^2/NDF : 921.6/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

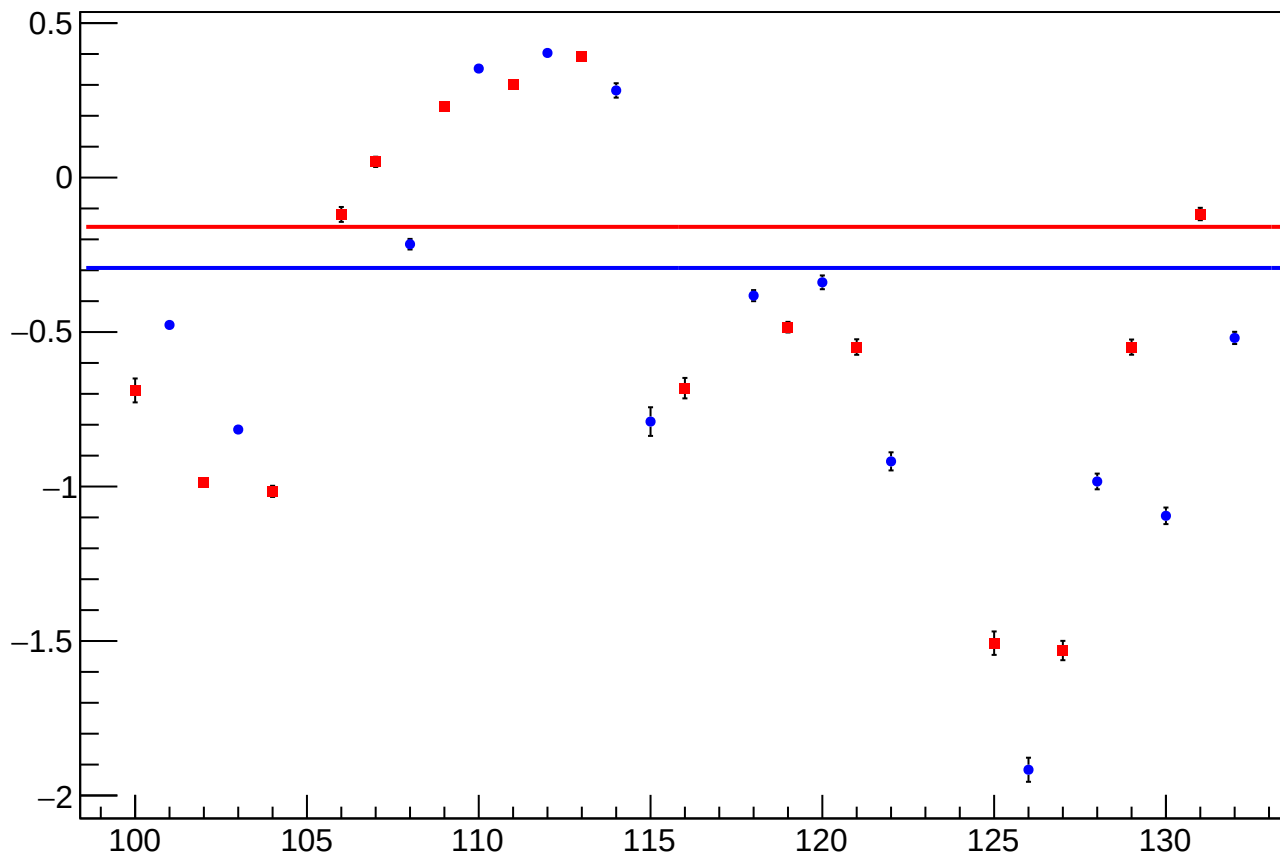
Right: -2.499 ± 0.052 χ^2/NDF : 2360.1/28

In: -2.764 ± 0.076 χ^2/NDF : 1415.4/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.499 ± 0.052 χ^2/NDF : 2360.1/28

reg_asym_bcm_an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.293 ± 0.005 $\chi^2/\text{NDF}: 11288.3/13$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.160 ± 0.005 $\chi^2/\text{NDF}: 14771.1/14$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

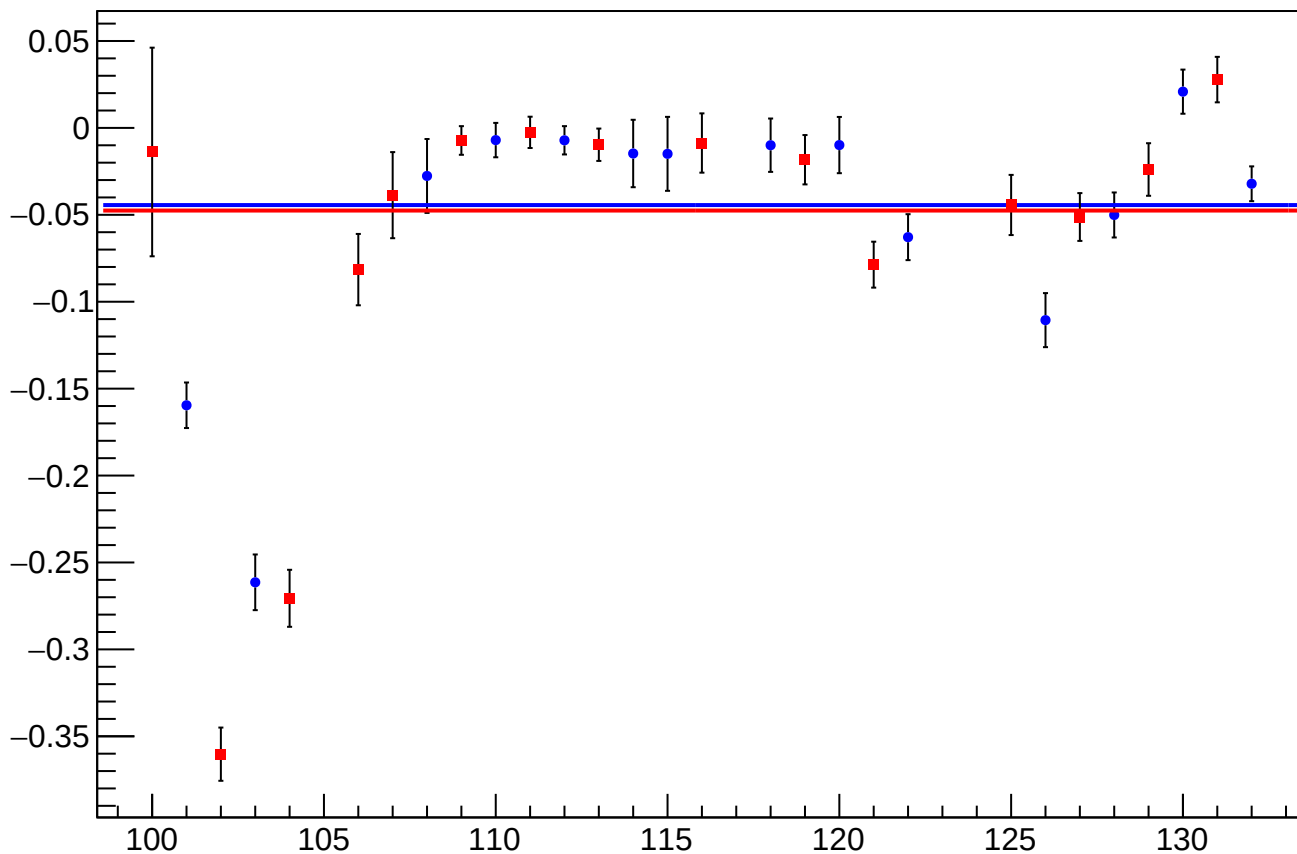
Right: -0.220 ± 0.003 $\chi^2/\text{NDF}: 26445.1/28$

In: -0.293 ± 0.005 $\chi^2/\text{NDF}: 11288.3/13$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.220 ± 0.003 $\chi^2/\text{NDF}: 26445.1/28$

reg_asym_bcm_an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.044 ± 0.003 χ^2/NDF : 358.7/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.048 ± 0.003 χ^2/NDF : 721.4/14

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

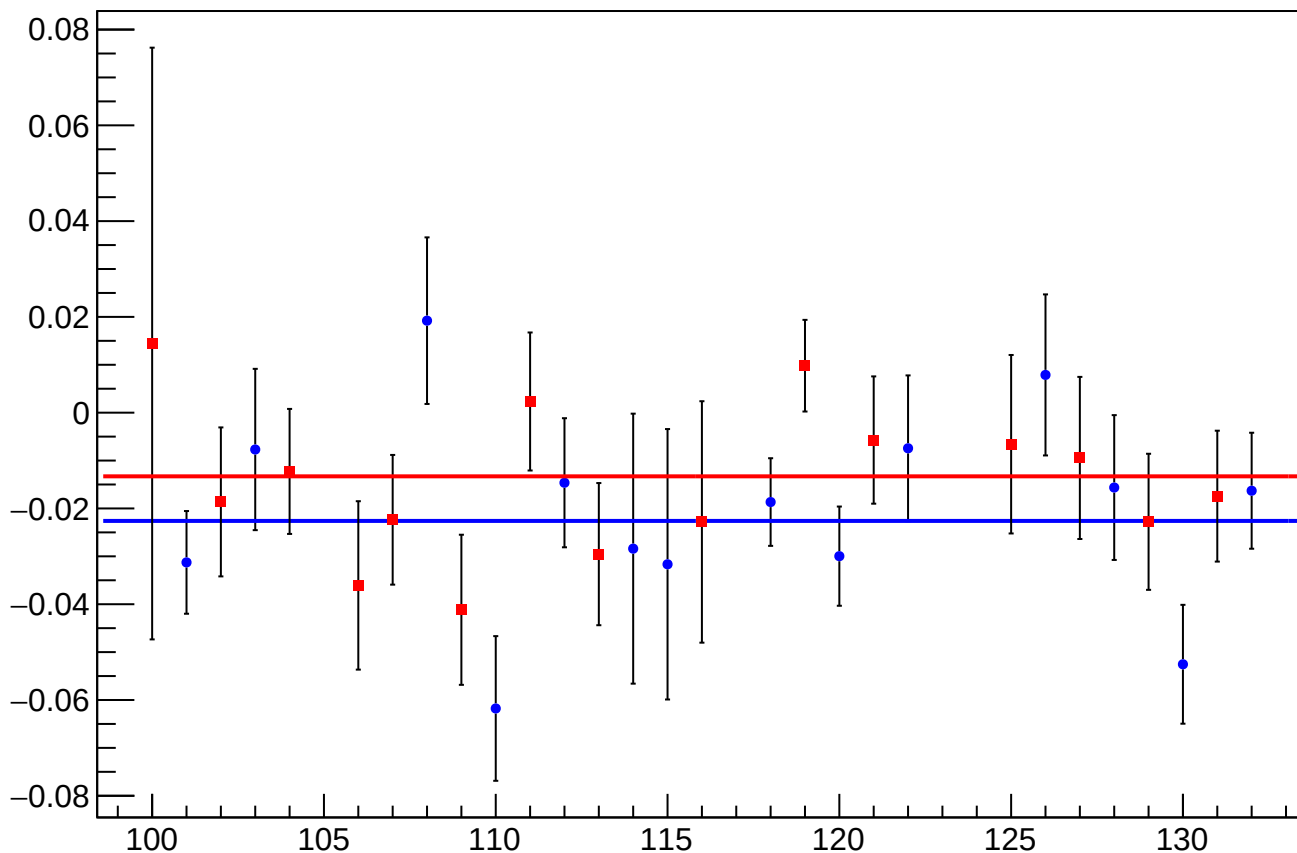
Right: -0.046 ± 0.002 χ^2/NDF : 1080.6/28

In: -0.044 ± 0.003 χ^2/NDF : 358.7/13

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.046 ± 0.002 χ^2/NDF : 1080.6/28

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023+/-0.004 χ^2/NDF : 25.7/13

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.013+/-0.004 χ^2/NDF : 15.0/14

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

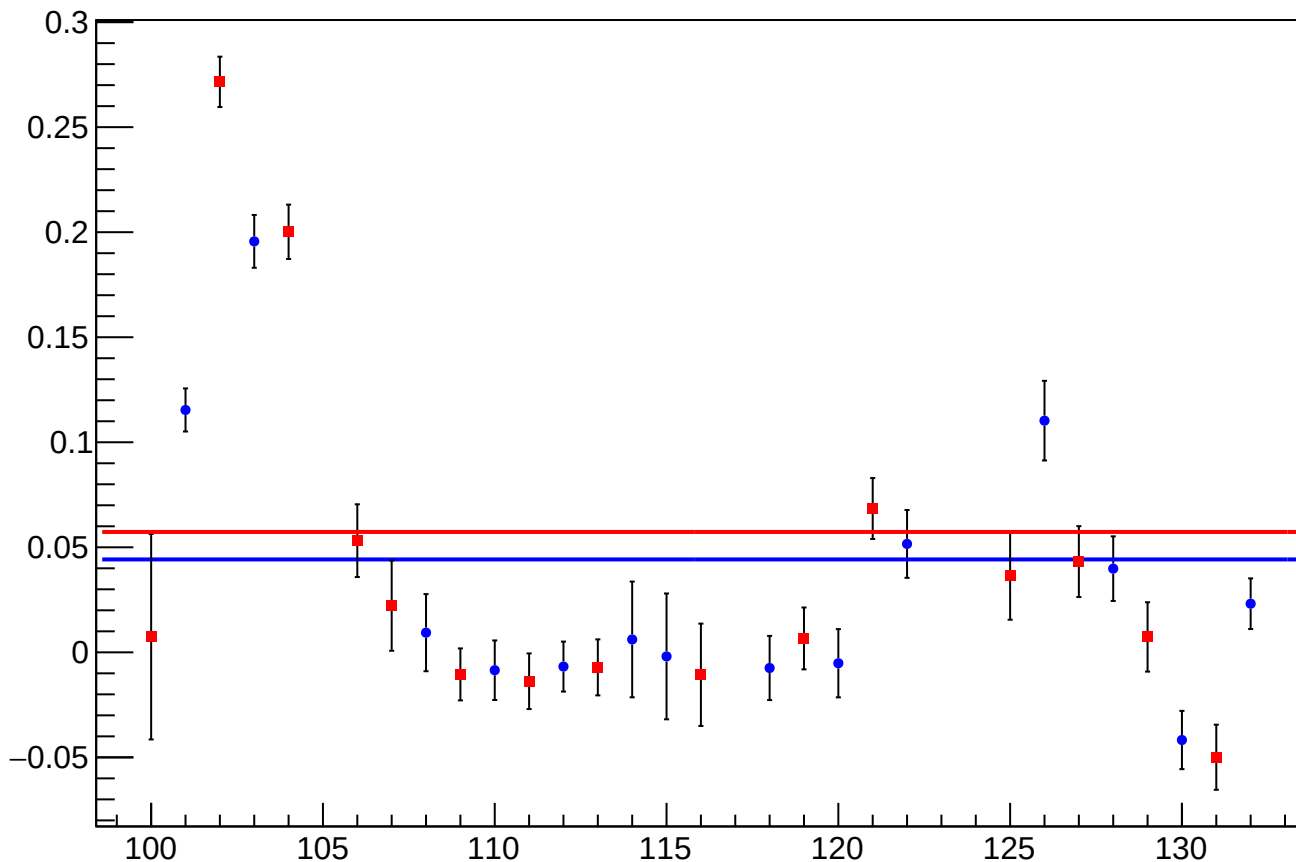
Right: -0.018+/-0.003 χ^2/NDF : 43.8/28

In: -0.023+/-0.004 χ^2/NDF :25.7/13

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.018+/-0.003 χ^2/NDF : 43.8/28

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.044 $\pm$ 0.004 χ^2 /NDF: 307.8/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.057 $\pm$ 0.004 χ^2 /NDF: 605.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

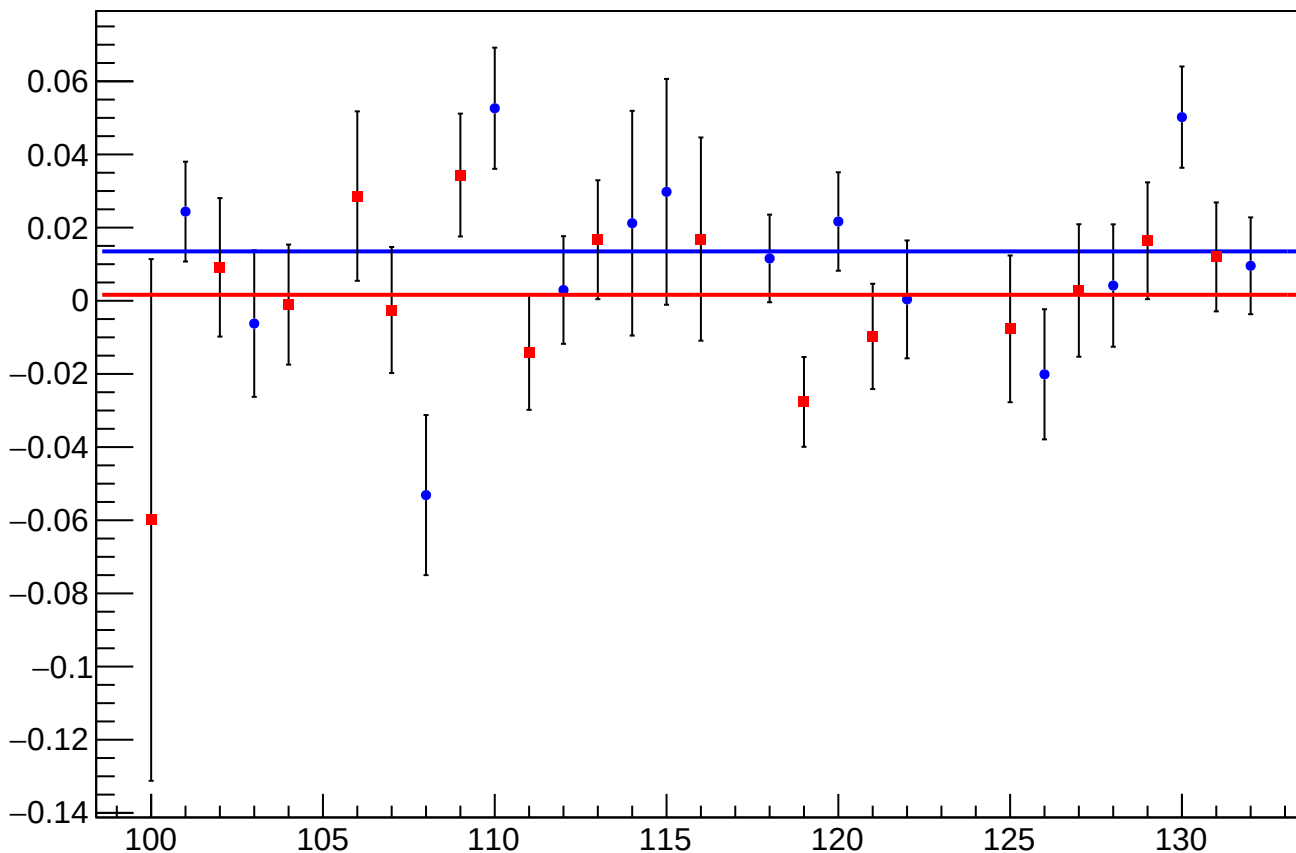
Right: 0.051 $\pm$ 0.003 χ^2 /NDF: 919.1/28

In: 0.044 $\pm$ 0.004 χ^2 /NDF:307.8/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.051 $\pm$ 0.003 χ^2 /NDF: 919.1/28

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.014+/-0.004 χ^2/NDF : 29.4/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.004 χ^2/NDF : 16.2/14

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

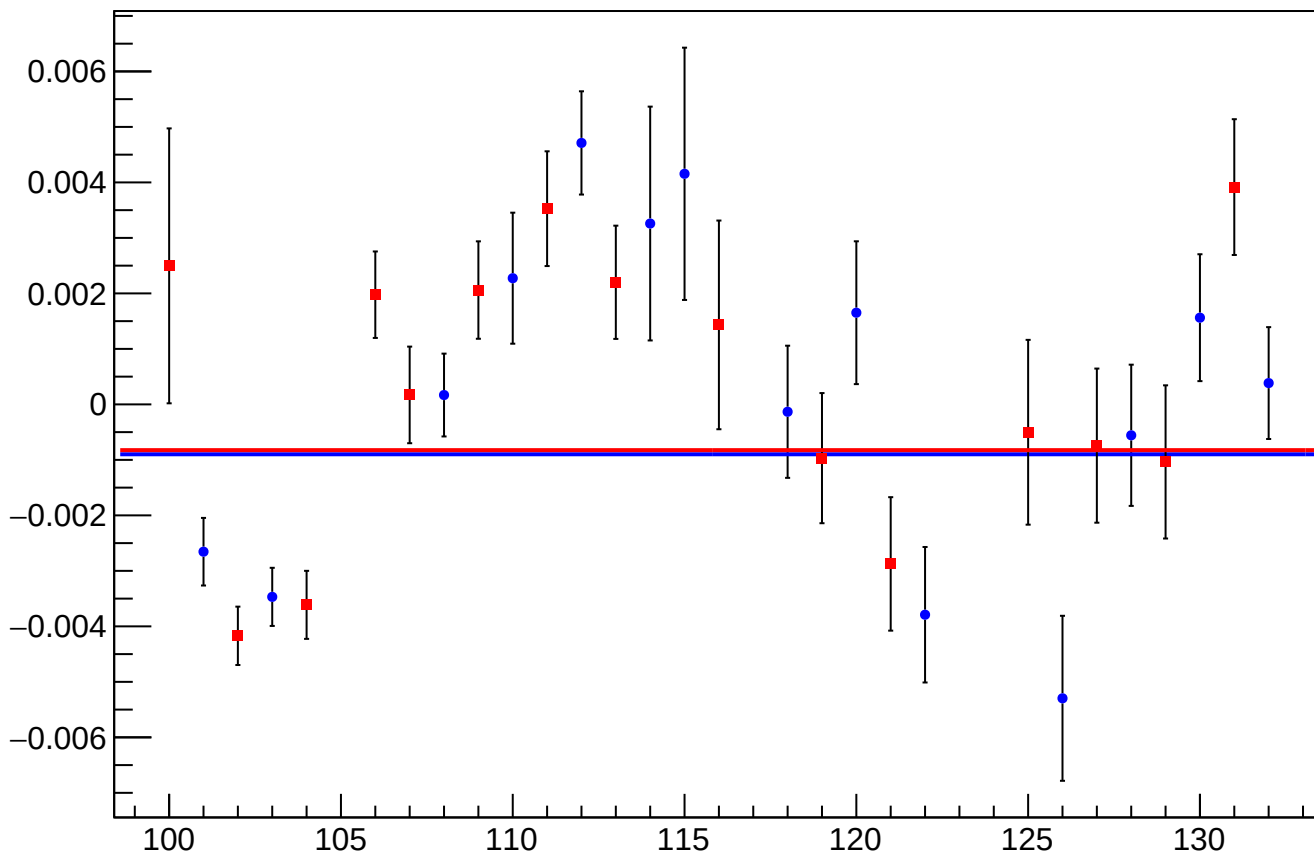
Right: 0.008+/-0.003 χ^2/NDF : 49.2/28

In: 0.014+/-0.004 χ^2/NDF : 29.4/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.003 χ^2/NDF : 49.2/28

reg_asym_bcm_an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.001 $\pm$ 0.000 χ^2 /NDF: 111.9/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.001 $\pm$ 0.000 χ^2 /NDF: 133.9/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

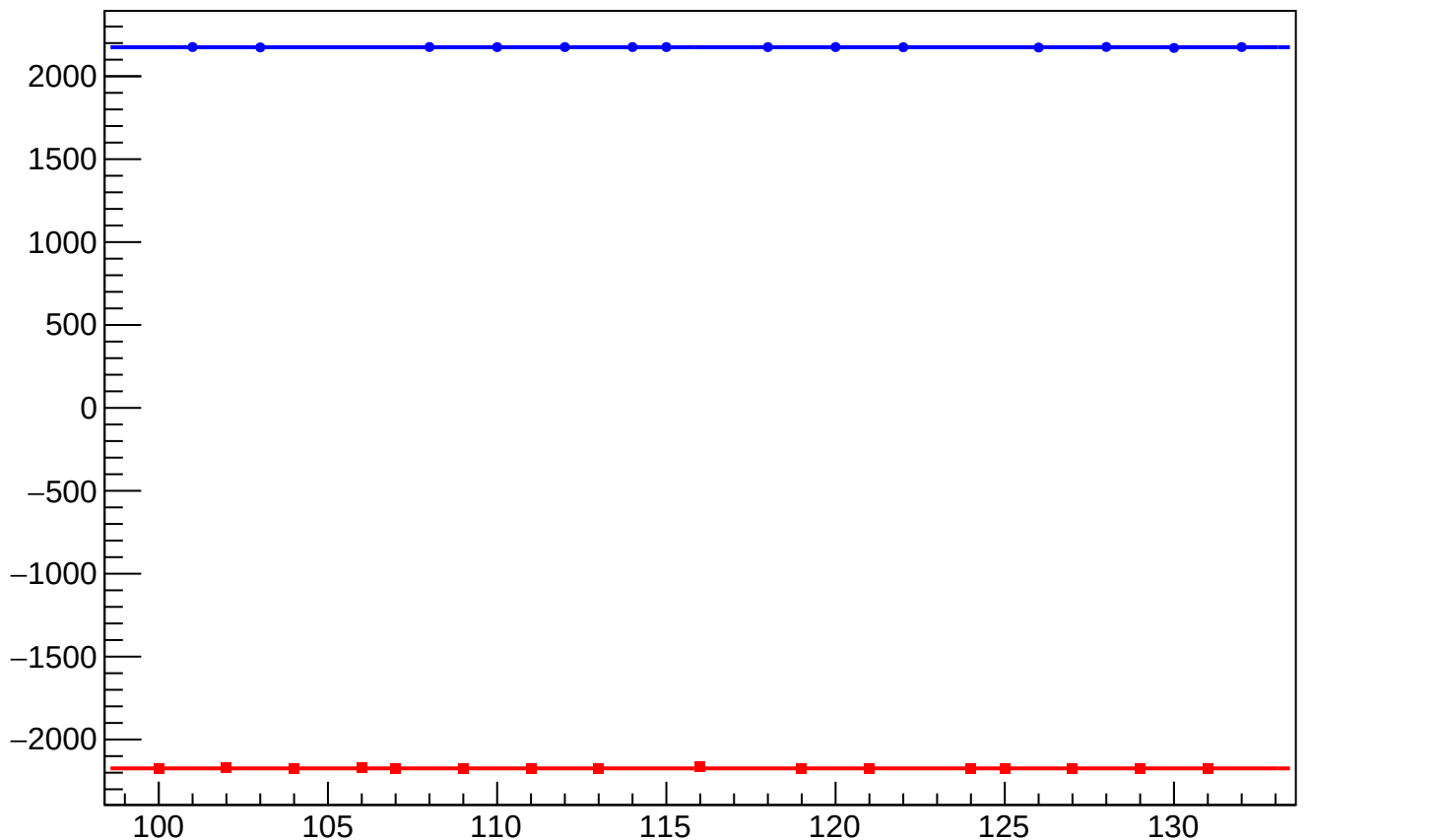
Right: -0.001 $\pm$ 0.000 χ^2 /NDF: 245.9/28

In: -0.001 $\pm$ 0.000 χ^2 /NDF:111.9/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

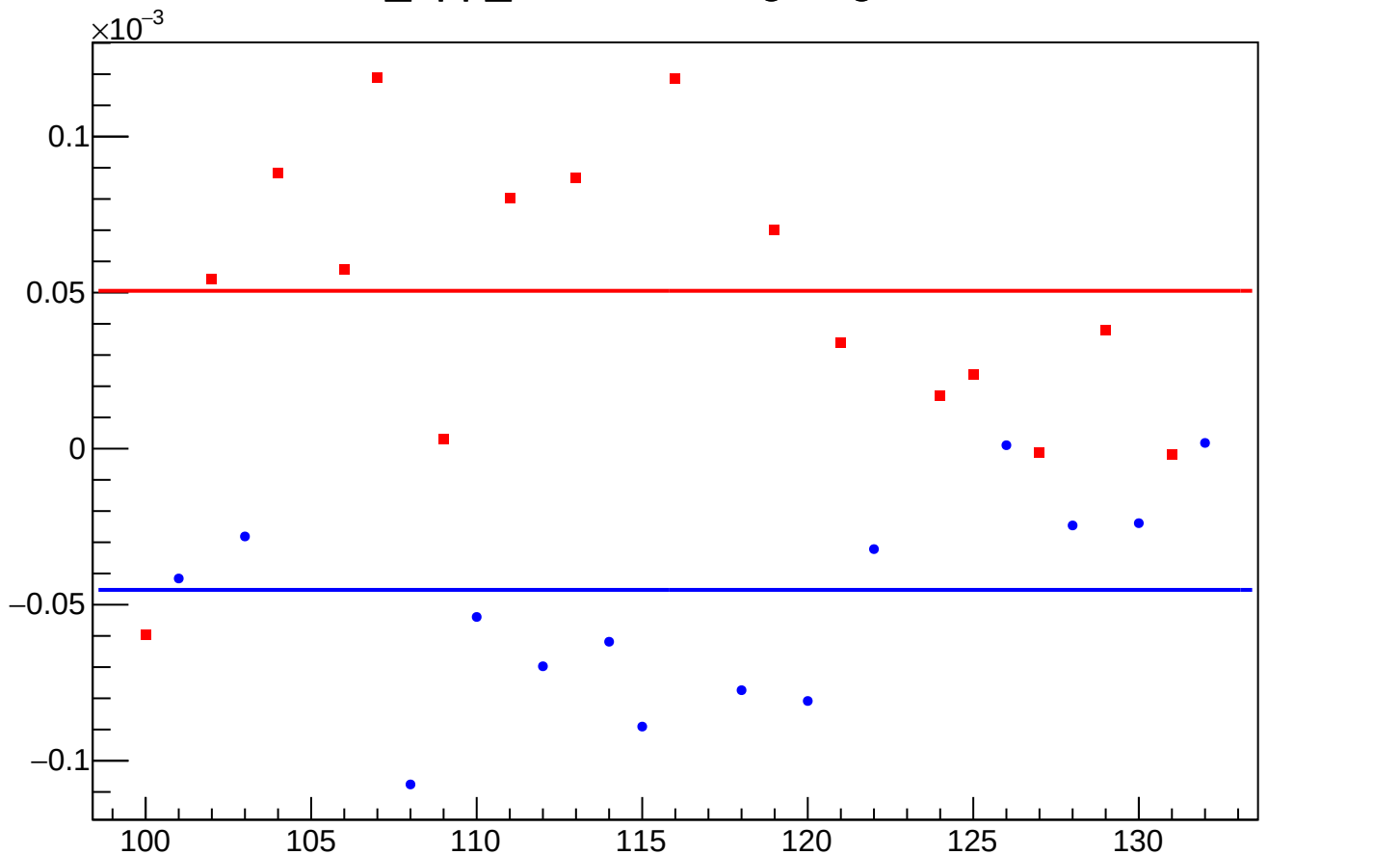
All: -0.001 $\pm$ 0.000 χ^2 /NDF: 245.9/28

HALLA_p_mean vs Slug, Sign Corrected



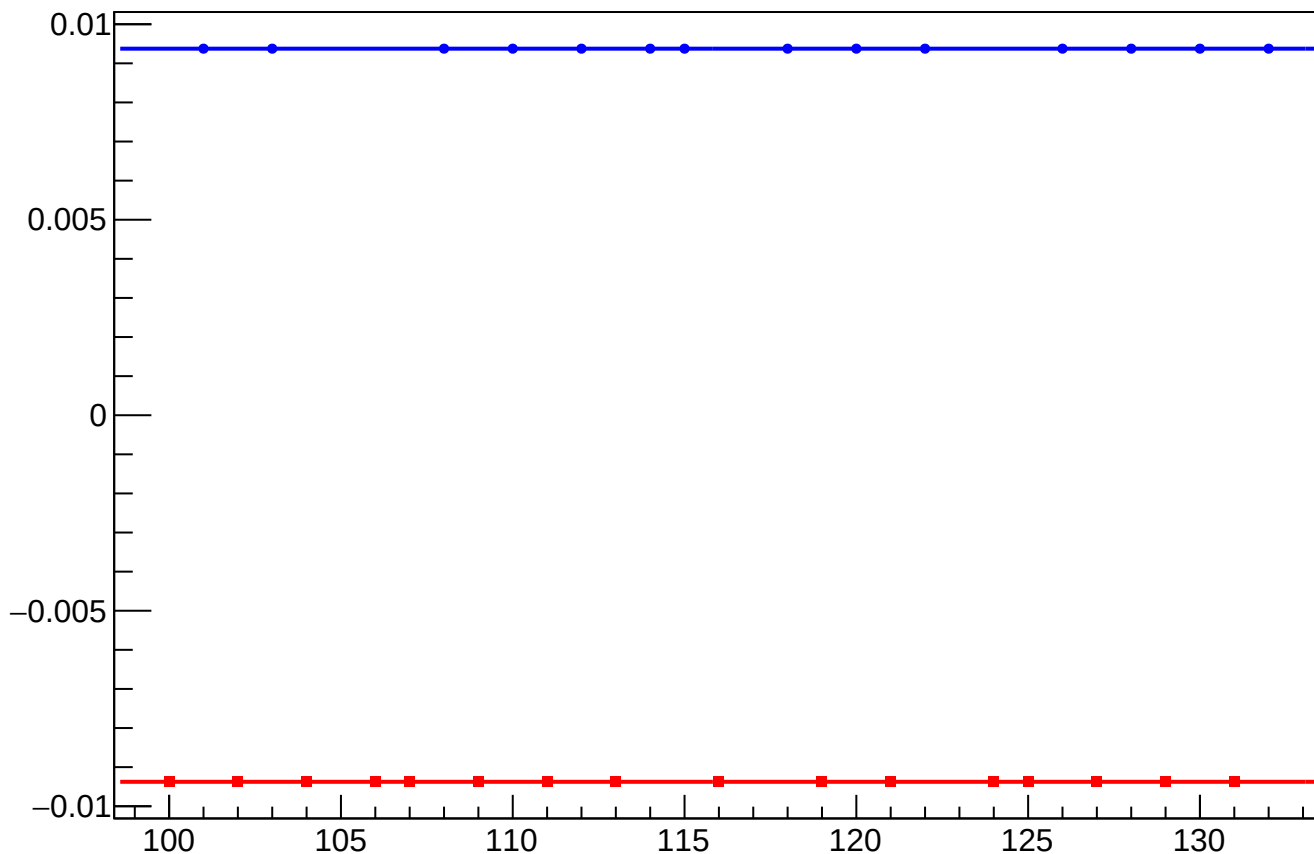
Right In: 2175.228 $\pm$ 0.000 χ^2 /NDF: 1693003189392552305052158181507072.0/13
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -2174.006 $\pm$ 0.000 χ^2 /NDF: 4888917587449831228336709195268096.0/15
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -54.793 $\pm$ 0.000 χ^2 /NDF: 593572286842534

HALLA_dpp_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 585612761617918811176960.0/13
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 941766469573503107465216.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 44091322024897319

MQ171LM_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

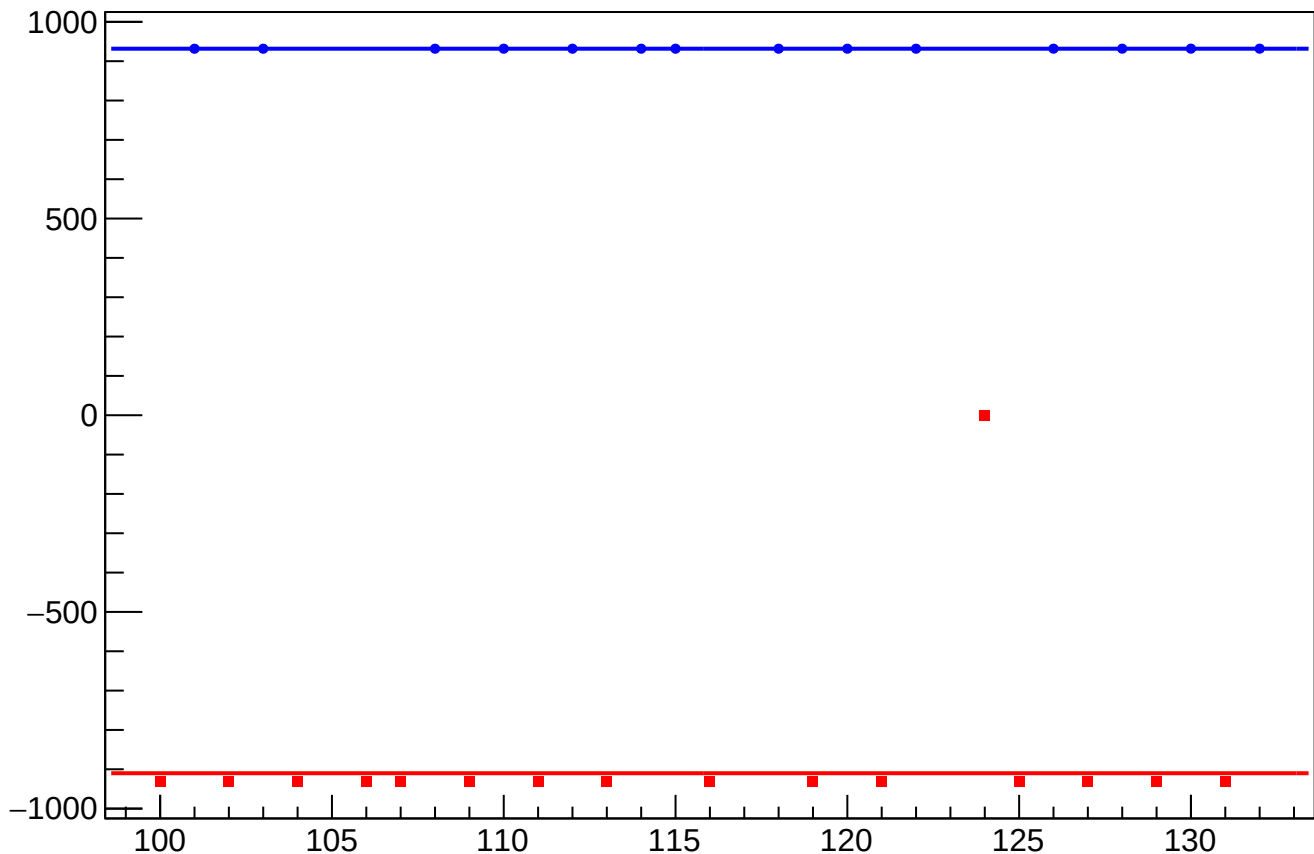
Right: -0.000+/-0.000 χ^2/NDF : 1103189689490445

In: 0.009+/-0.000 χ^2/NDF : 0.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

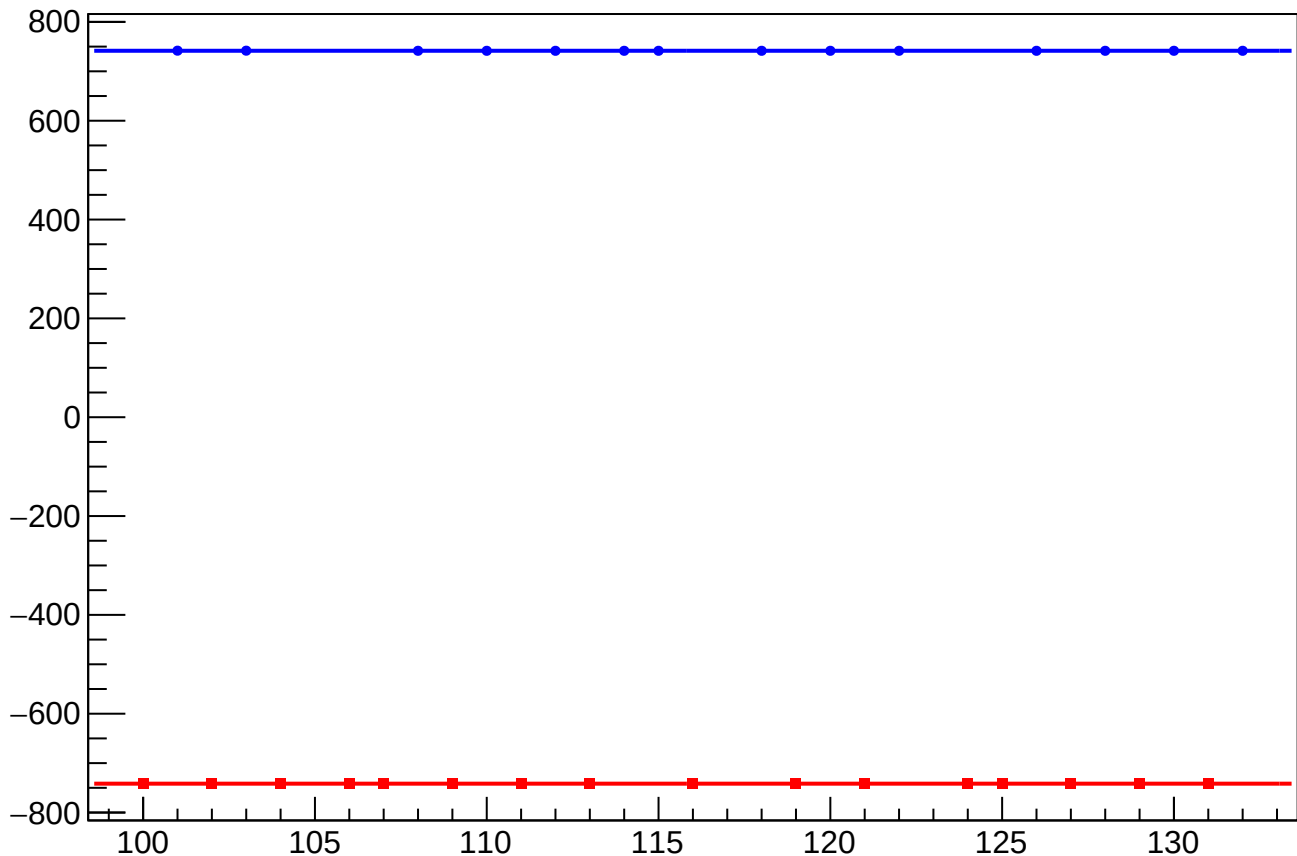
All: -0.000+/-0.000 χ^2/NDF : 1103189689490

HacL_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



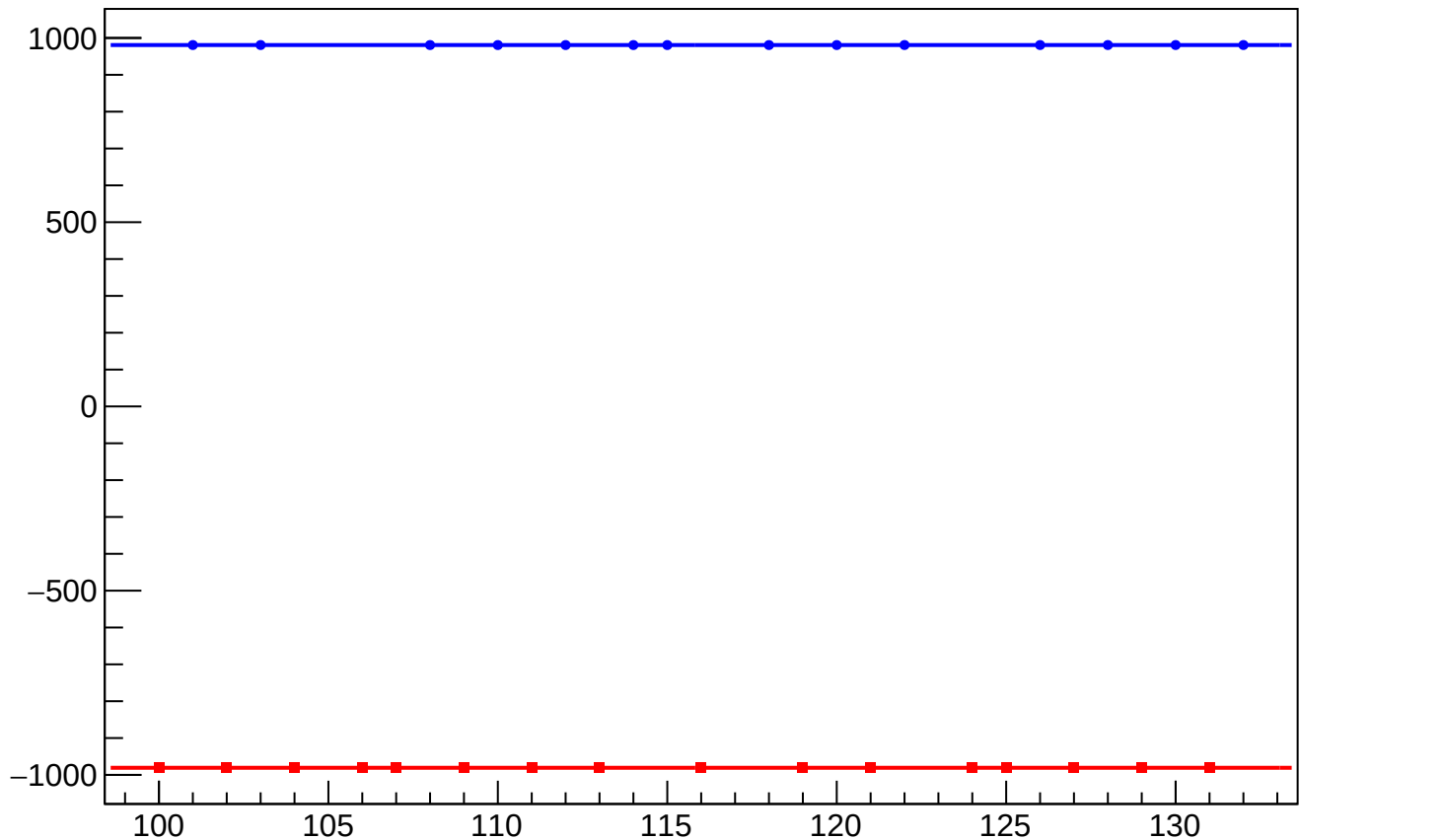
Right In: 931.751+/-0.000 χ^2/NDF : 1552931259817876064509129392128.0/13
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -910.46+/-0.000 χ^2/NDF : 12718125477989052034635806076489957376.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -12.610+/-0.000 χ^2/NDF : 107718277960741.0

HacL_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



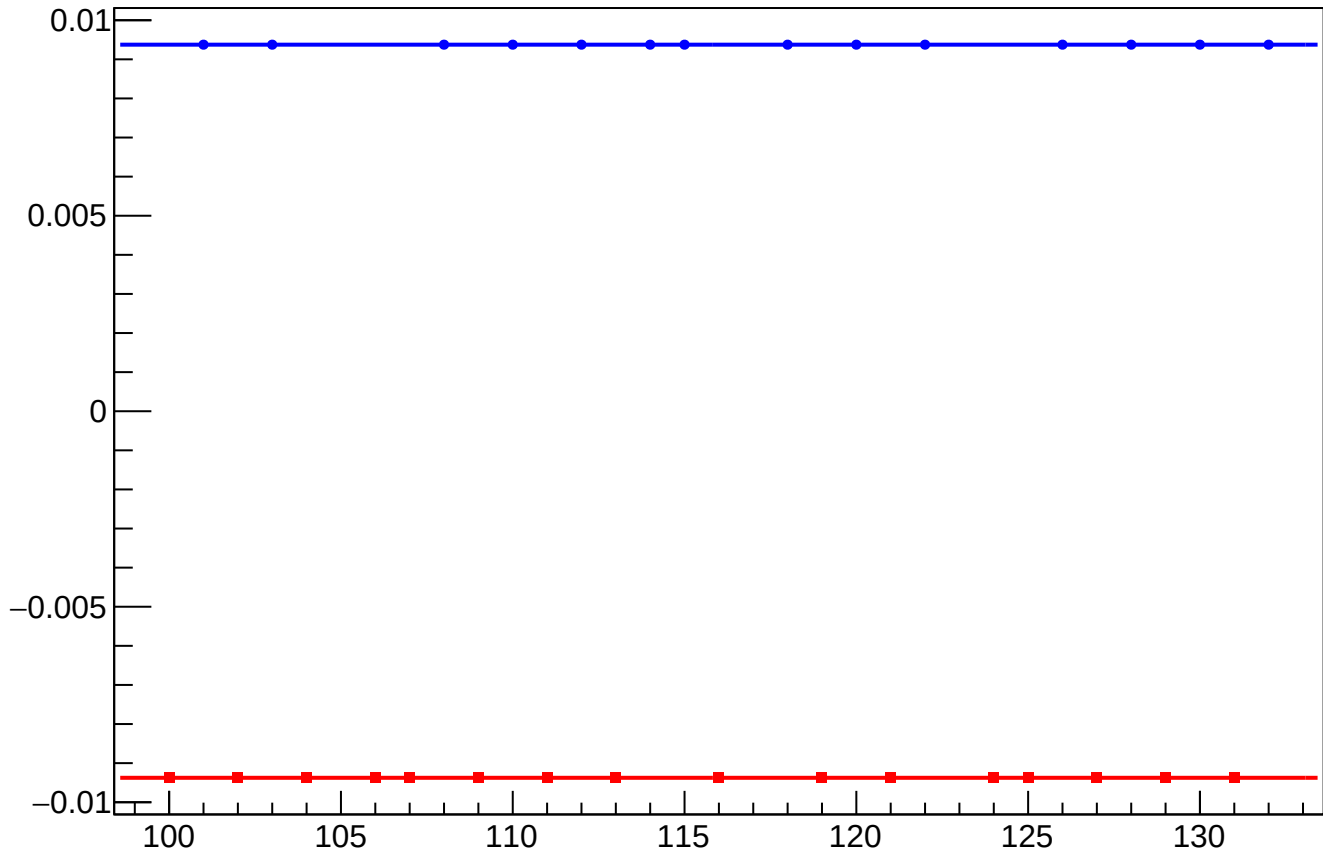
Right In: 741.577+/-0.000 χ^2/NDF : 6204007993375206589213194584064.0/13
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -741.585+/-0.000 χ^2/NDF : 7382396057987518209090452979712.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -18.898+/-0.000 χ^2/NDF : 690279530188837

HacL_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 980.797+/-0.000 χ^2/NDF : 556202385605080619562756472832.0/13
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -980.711+/-0.000 χ^2/NDF : 55112982089204293771413866676224.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -24.944+/-0.000 χ^2/NDF : 120733493815242

MQ172RM_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

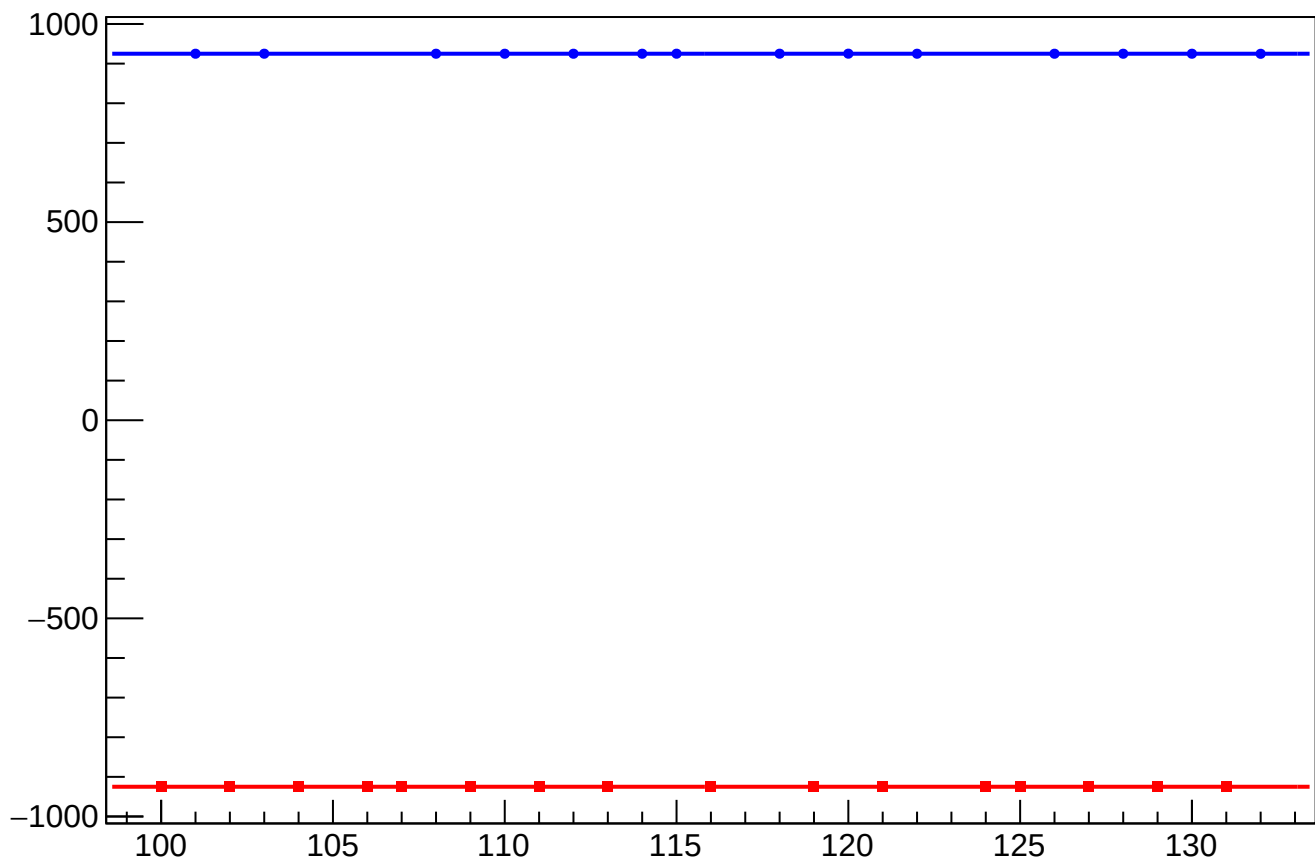
Right: -0.000+/-0.000 χ^2/NDF : 1103189689490445

In: 0.009+/-0.000 χ^2/NDF : 0.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

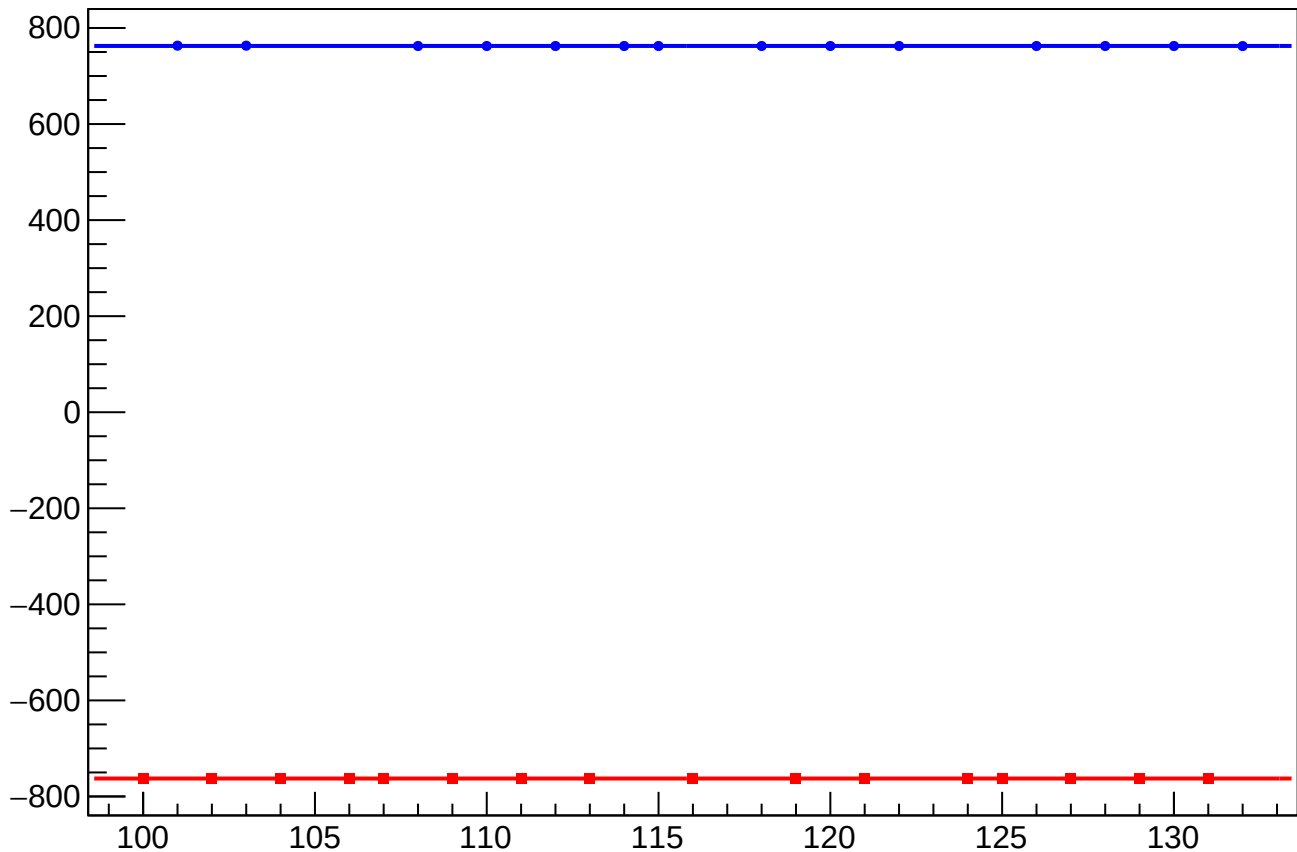
All: -0.000+/-0.000 χ^2/NDF : 1103189689490

HacR_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



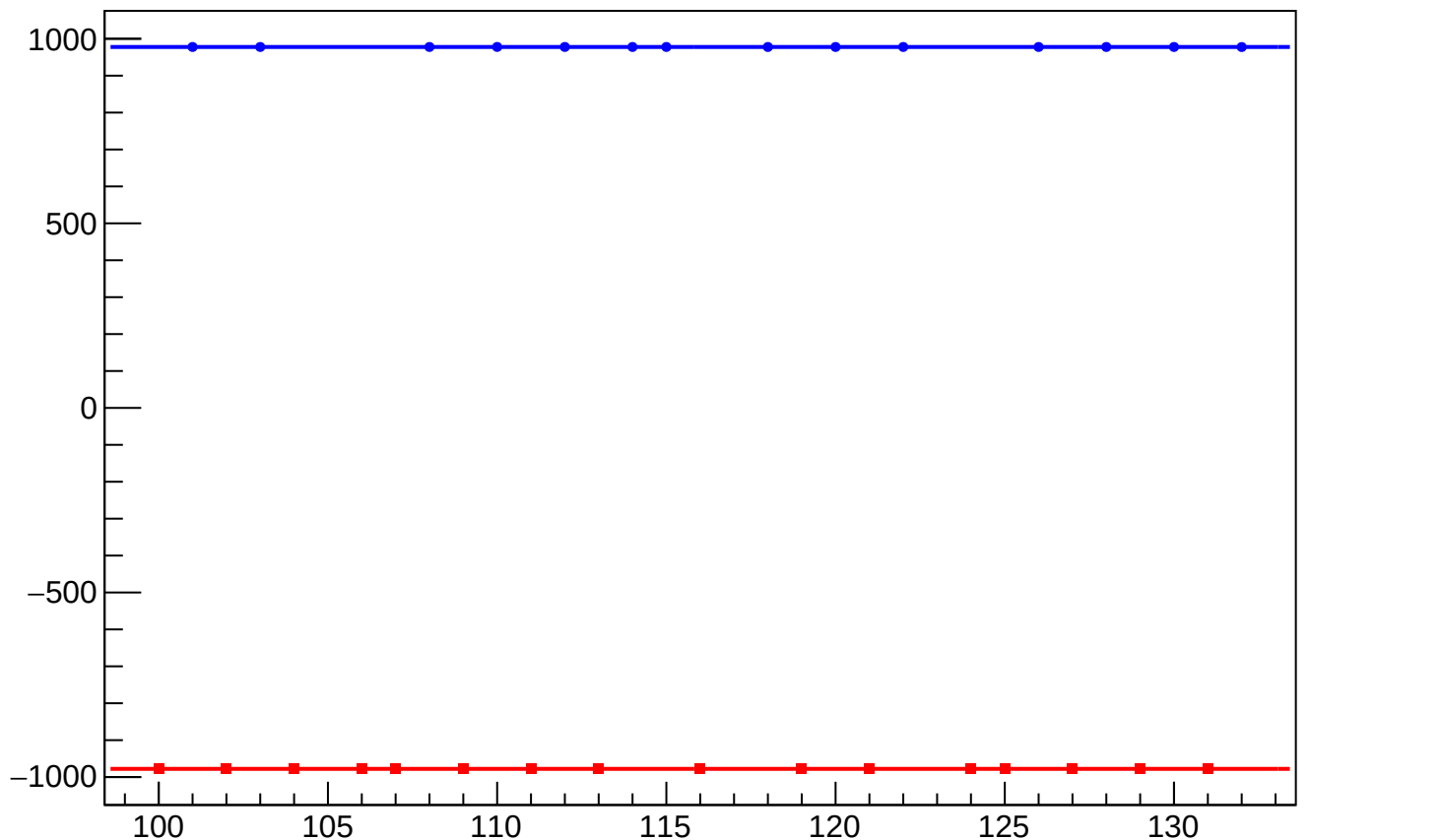
Right In: 924.963+/-0.000 χ^2/NDF : 2497336729228389461938155814912.0/13
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -924.975+/-0.000 χ^2/NDF : 1188626131894985114745204375552.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -23.572+/-0.000 χ^2/NDF : 107389503848204.0

HacR_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



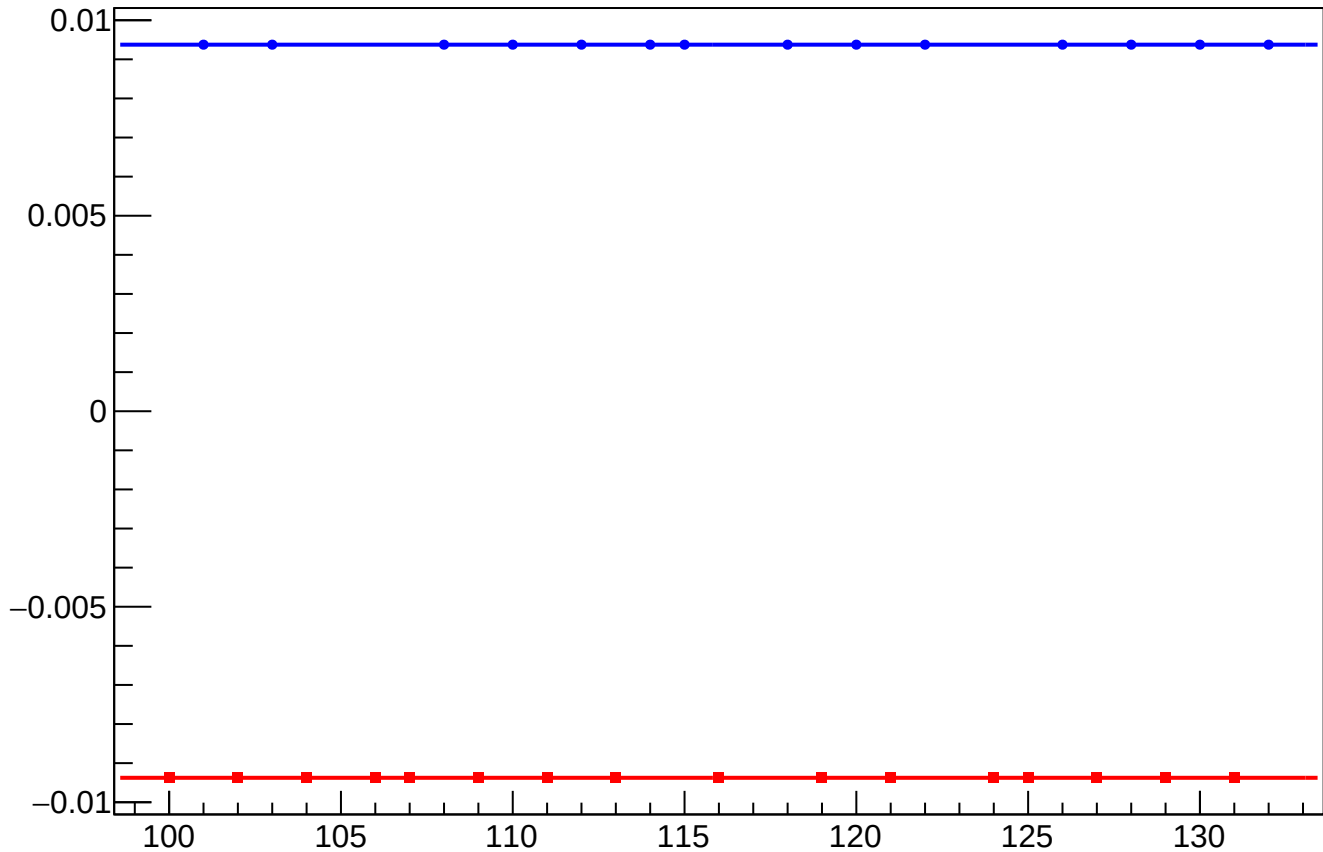
Right In: 762.634+/-0.000 χ^2/NDF : 50245029257686914386834311086080.0/13
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -762.640+/-0.000 χ^2/NDF : 51171586039440178556046023852032.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -19.433+/-0.000 χ^2/NDF : 730034485257979

HacR_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 977.740+/-0.000 χ^2/NDF : 1540454209645945178683955216384.0/13
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -977.752+/-0.000 χ^2/NDF : 871030923770062799872098041856.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -24.917+/-0.000 χ^2/NDF : 119994060963124

hesDipole_current_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

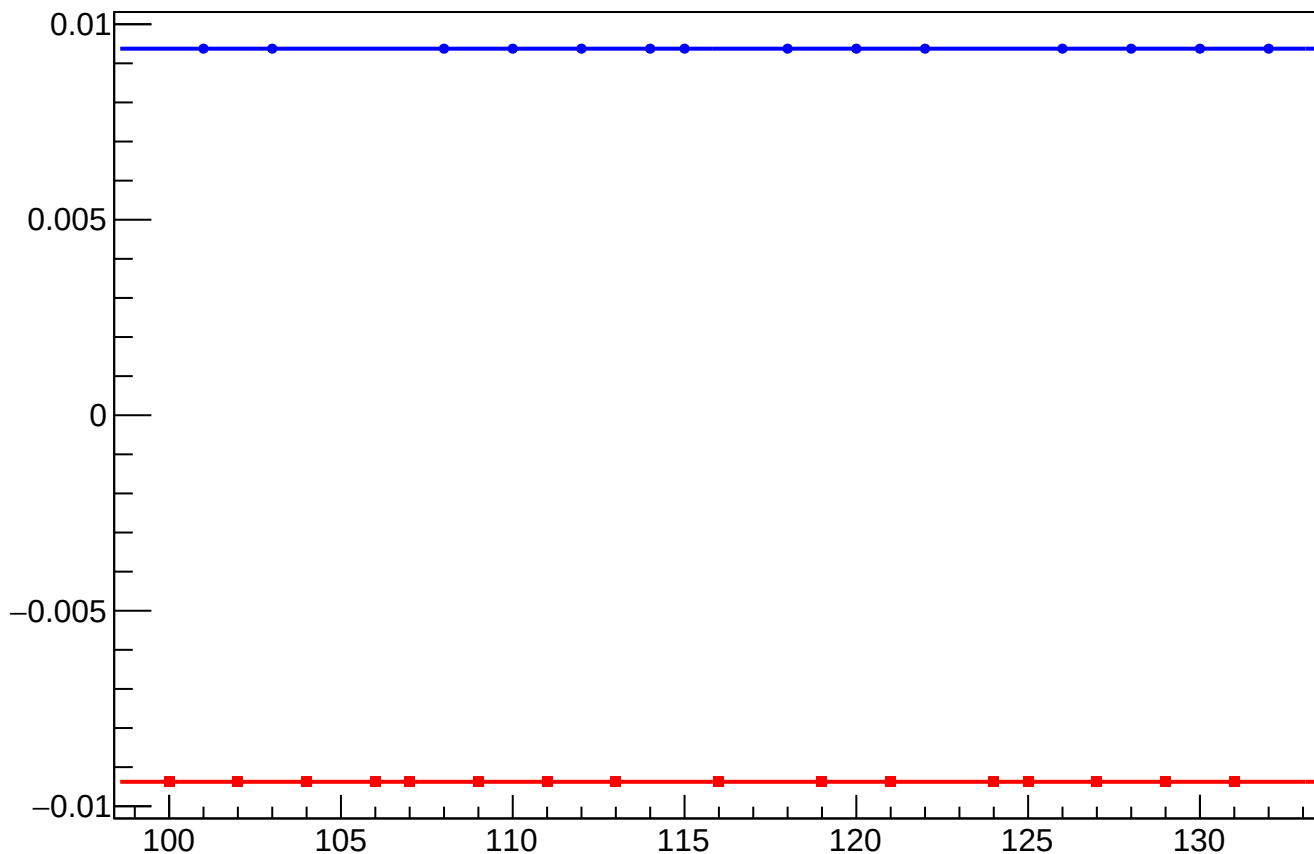
Right: -0.000+/-0.000 χ^2/NDF : 1103189689490445

In: 0.009+/-0.000 χ^2/NDF : 0.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1103189689490

MSUPERBIGBITereadcalc_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

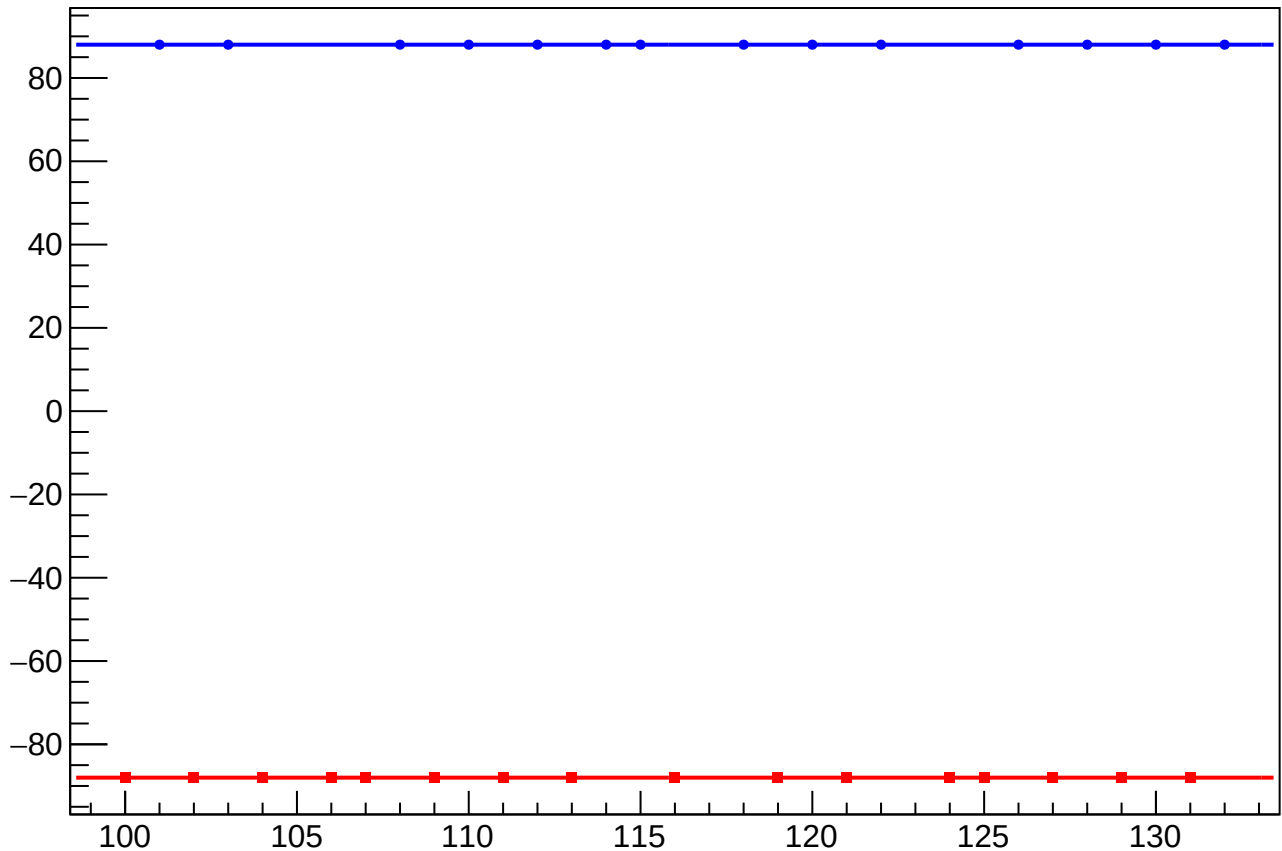
Right: -0.000+/-0.000 χ^2/NDF : 1103189689490445

In: 0.009+/-0.000 χ^2/NDF : 0.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1103189689490

VWienAngle_mean vs Slug, Sign Corrected



Right In: 88.001 $\pm$ 0.000 χ^2 /NDF: 1232289.1/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -88.004 $\pm$ 0.000 χ^2 /NDF: 72196482500144611614949113856.0/15

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

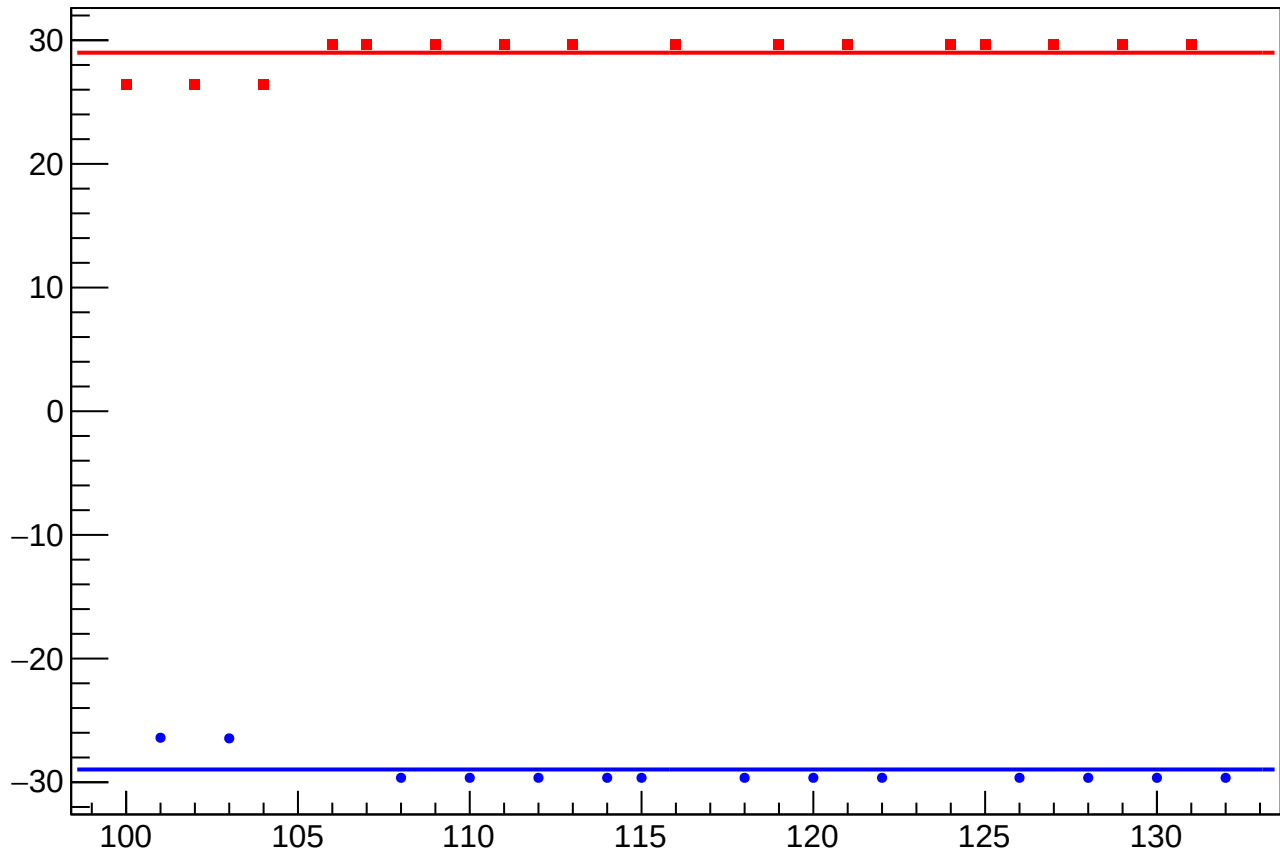
Right: -2.244 $\pm$ 0.000 χ^2 /NDF: 9720659643380652

In: 88.001 $\pm$ 0.000 χ^2 /NDF:1232289.1/13

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

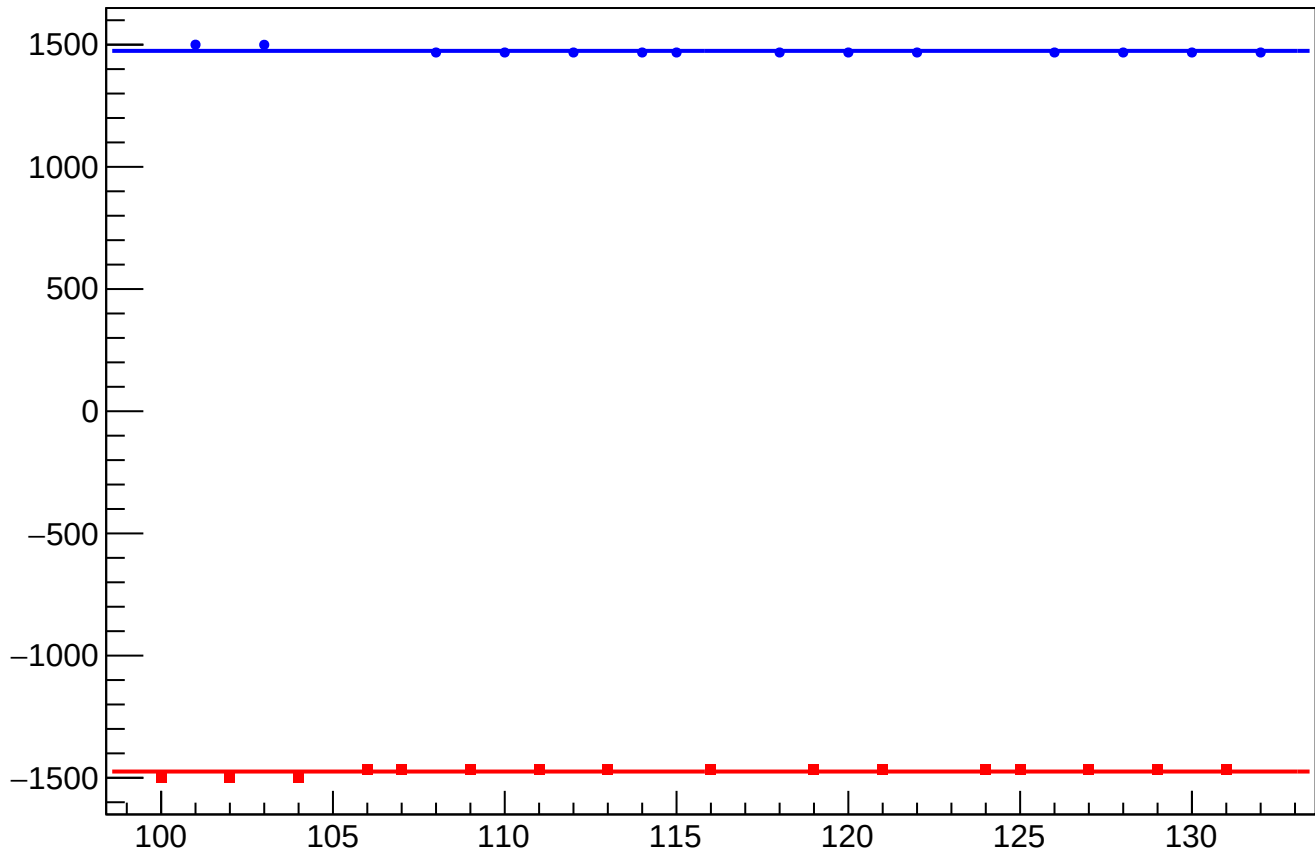
All: -2.244 $\pm$ 0.000 χ^2 /NDF: 9720659643380

HWienAngle_mean vs Slug, Sign Corrected



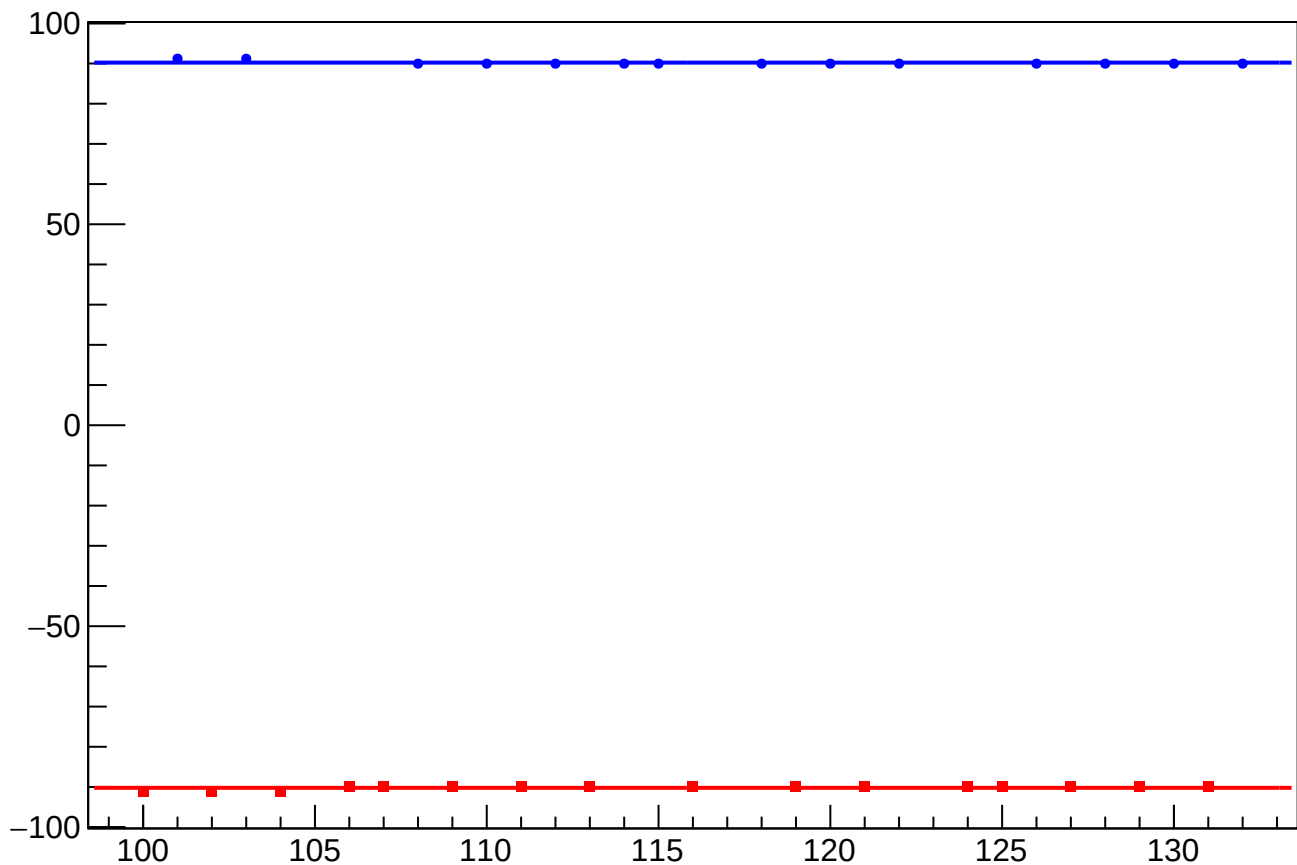
Right In: -28.968+/-0.000 χ^2/NDF : 1046204440336158522599334391840768.0/13
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 28.992+/-0.000 χ^2/NDF : 1082931763975175968714568971059200.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.750+/-0.000 χ^2/NDF : 10562856811491142

psub_pl_pos_mean vs Slug, Sign Corrected



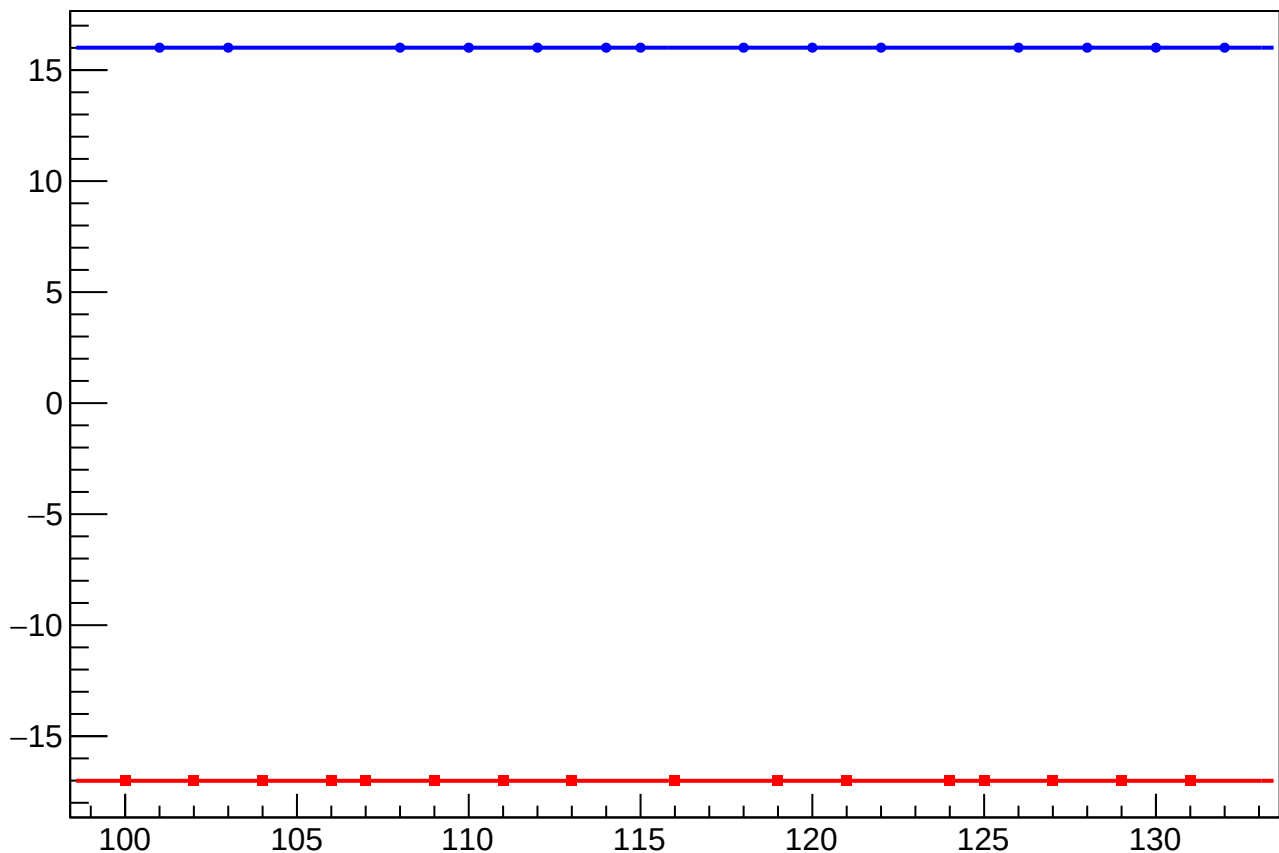
Right In: 1474.624+/-0.000 χ^2/NDF : 102189750646524883507608581421662208.0/13
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -1474.394+/-0.000 χ^2/NDF : 105777152783130989067144322552430592.0/15
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -37.452+/-0.000 χ^2/NDF : 272920104050982

Phi_FG_mean vs Slug, Sign Corrected



Right In: 90.217+/-0.000 χ^2/NDF : 153239211577982285325640725954560.0/13
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -90.208+/-0.000 χ^2/NDF : 158618720496910510340603809628160.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -2.294+/-0.000 χ^2/NDF : 1021529616641732

IGL1I00DI24_24M_mean vs Slug, Sign Corrected



Right In: 16.009+/-0.000 χ^2/NDF : 42598.5/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.009+/-0.000 χ^2/NDF : 13443181355174885618352128.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

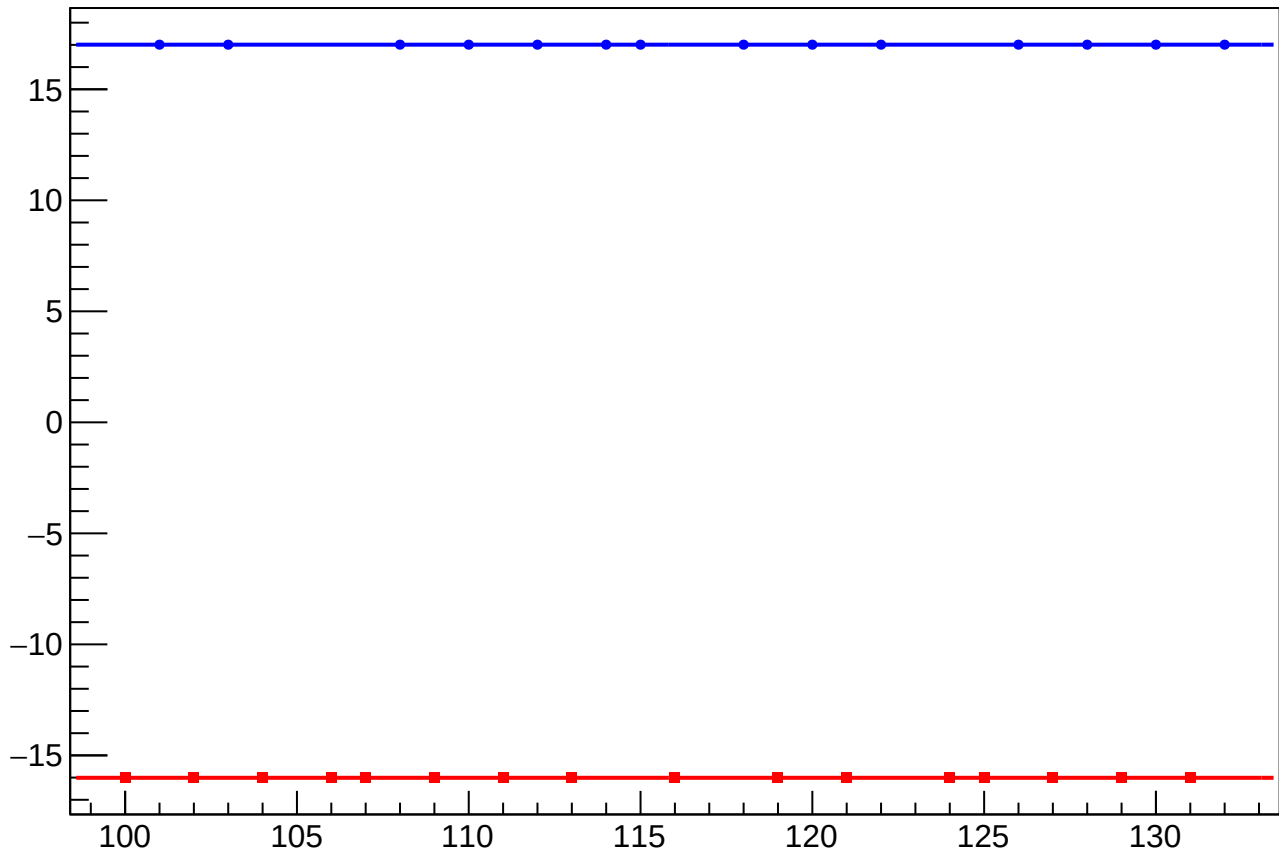
Right: -0.193+/-0.000 χ^2/NDF : 3220519445219449

In: 16.009+/-0.000 χ^2/NDF : 42598.5/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.193+/-0.000 χ^2/NDF : 3220519445219

IGL1I00OD16_16_mean vs Slug, Sign Corrected



Right In: 17.009+/-0.000 χ^2/NDF : 41525.6/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.009+/-0.000 χ^2/NDF : 43191.7/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

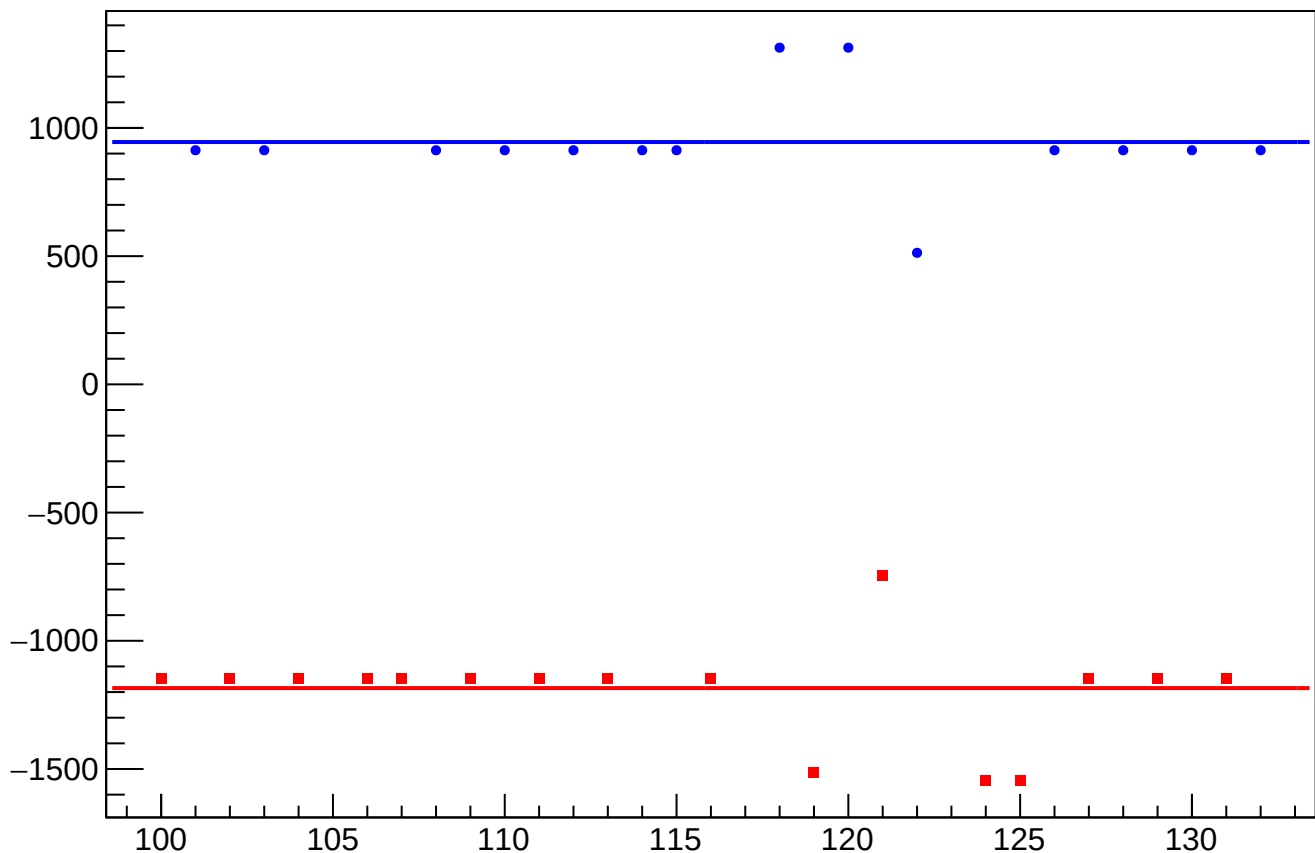
Right: -0.340+/-0.000 χ^2/NDF : 3311172299261086

In: 17.009+/-0.000 χ^2/NDF : 41525.6/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

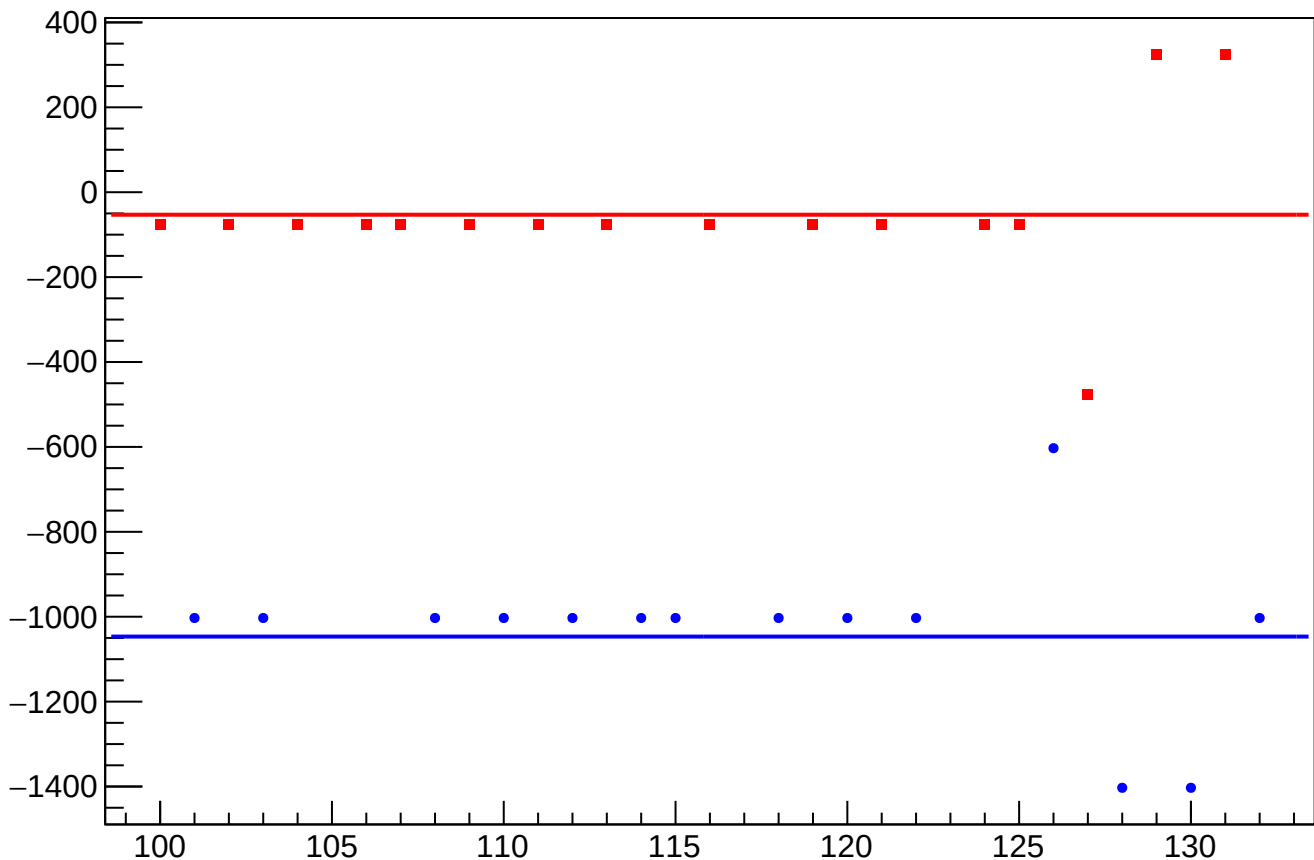
All: -0.340+/-0.000 χ^2/NDF : 3311172299261

RTPAPOSUCNT_mean vs Slug, Sign Corrected



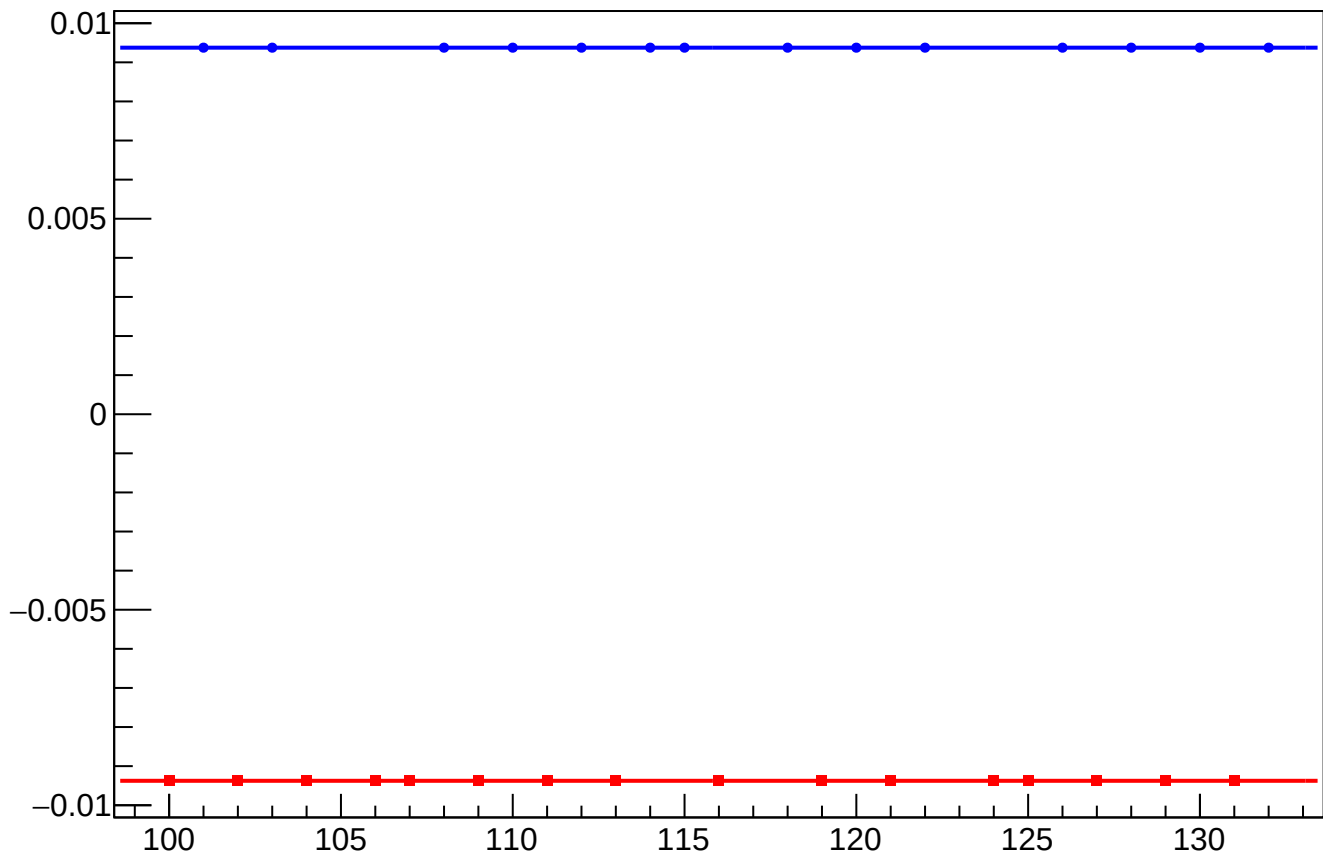
Right In: 945.022+/-0.000 χ^2/NDF : 20973645480233350170826199686038159360.0/13
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1184.519+/-0.000 χ^2/NDF : 21991334565814597721130234875679342592.0/15
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -146.876+/-0.000 χ^2/NDF : 14660125153694

RTPAPOSVCNT_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right In: -1046.780+/-0.000 χ^2/NDF : 22666083432491292806543659893818130432.0/13
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -537.245+/-0.000 χ^2/NDF : 35285287548470
 In: -1046.780+/-0.000 χ^2/NDF : 226660834324912
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -537.245+/-0.000 χ^2/NDF : 35285287548

RTPPITA1CNT_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

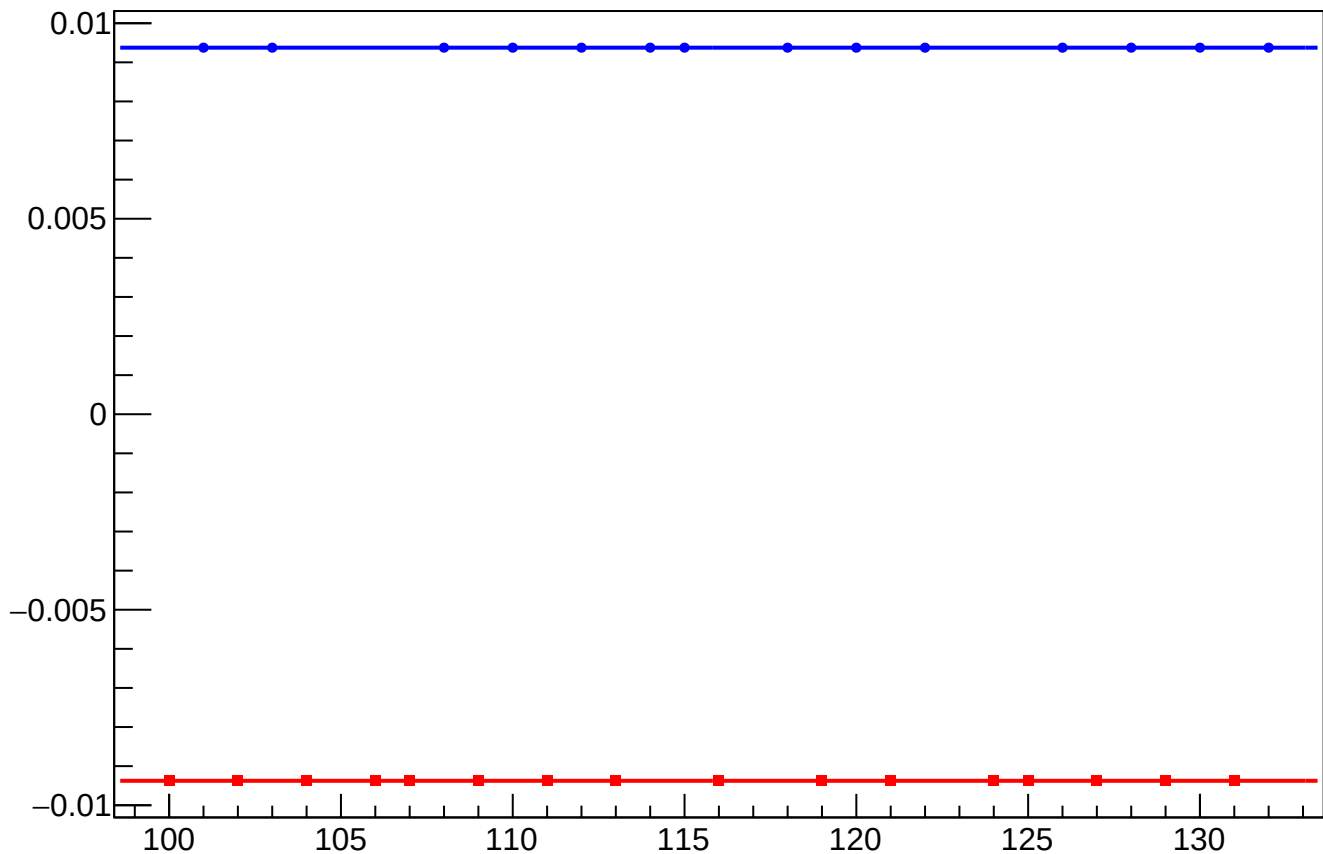
Right: -0.000+/-0.000 χ^2/NDF : 1103189689490445

In: 0.009+/-0.000 χ^2/NDF : 0.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1103189689490

RTPPITA2CNT_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/13

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: -0.000+/-0.000 χ^2/NDF : 1103189689490445

In: 0.009+/-0.000 χ^2/NDF : 0.0/13

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1103189689490