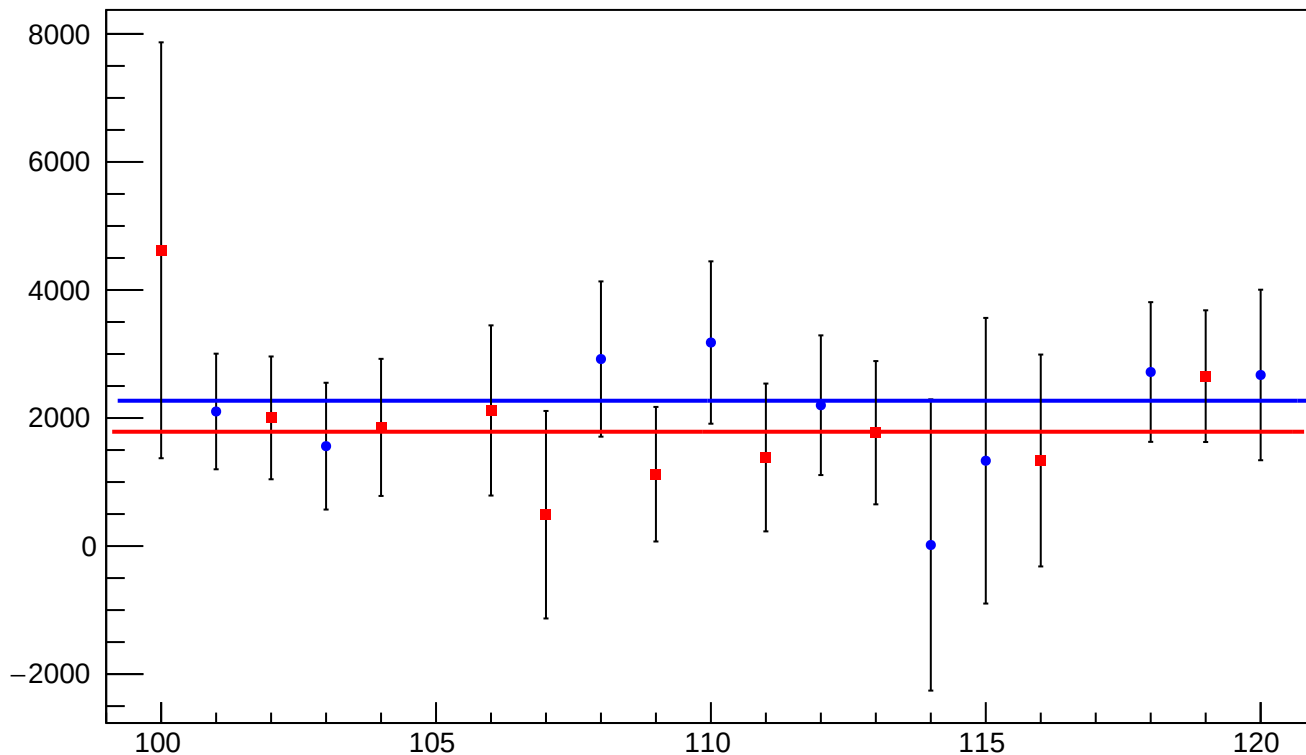


reg_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2270.080 $\pm$ 402.063 χ^2 /NDF: 2.8/8

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

Right Out: 1785.762 $\pm$ 384.470 χ^2 /NDF: 2.8/9

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

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

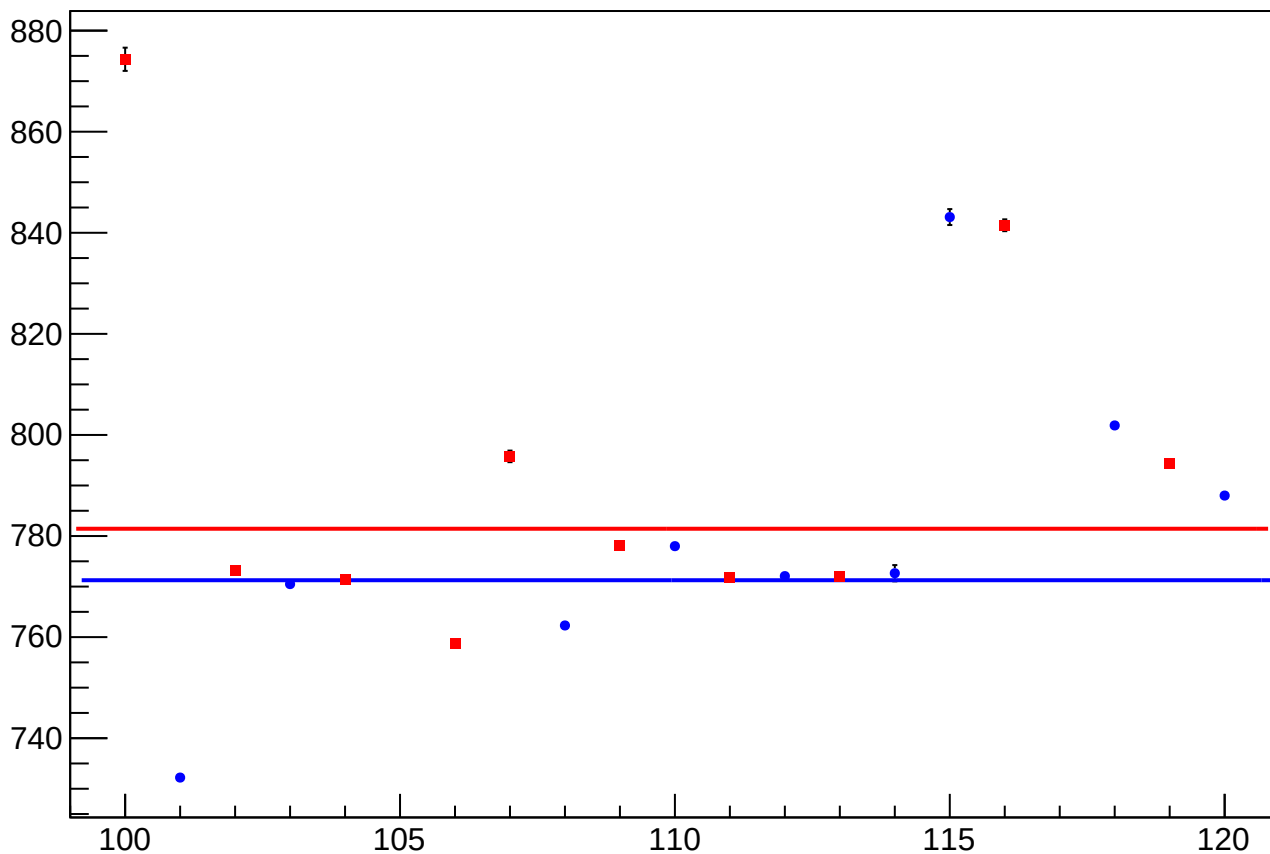
Right: 2017.094 $\pm$ 277.873 χ^2 /NDF: 6.4/18

In: 2270.080 $\pm$ 402.063 χ^2 /NDF: 2.8/8

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

All: 2017.094 $\pm$ 277.873 χ^2 /NDF: 6.4/18

reg_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 771.257+/-0.284 χ^2/NDF : 7875.1/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

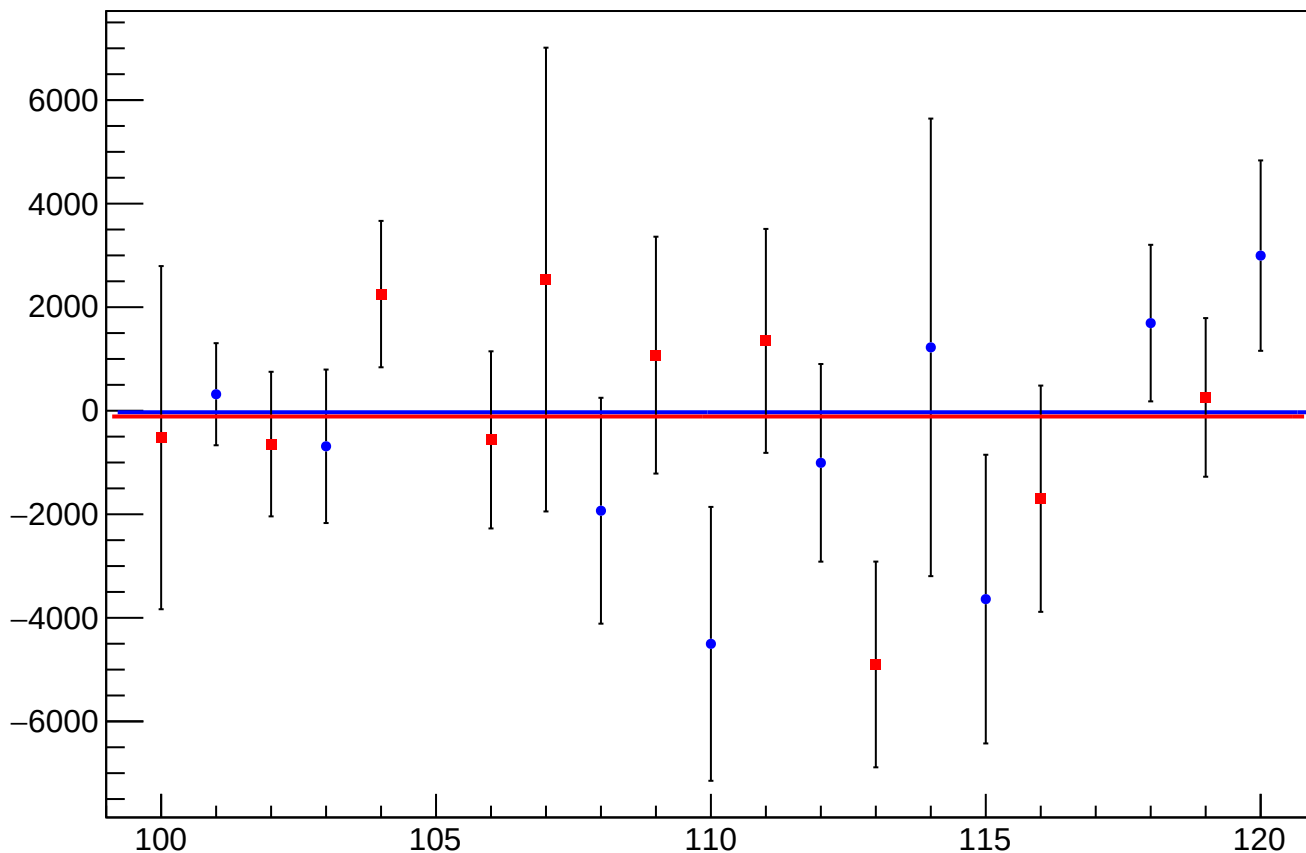
Right: 776.578+/-0.196 χ^2/NDF : 14485.9/18

In: 771.257+/-0.284 χ^2/NDF : 7875.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 776.578+/-0.196 χ^2/NDF : 14485.9/18

asym_us_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -29.491+/-575.012 χ^2/NDF : 10.0/8

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

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

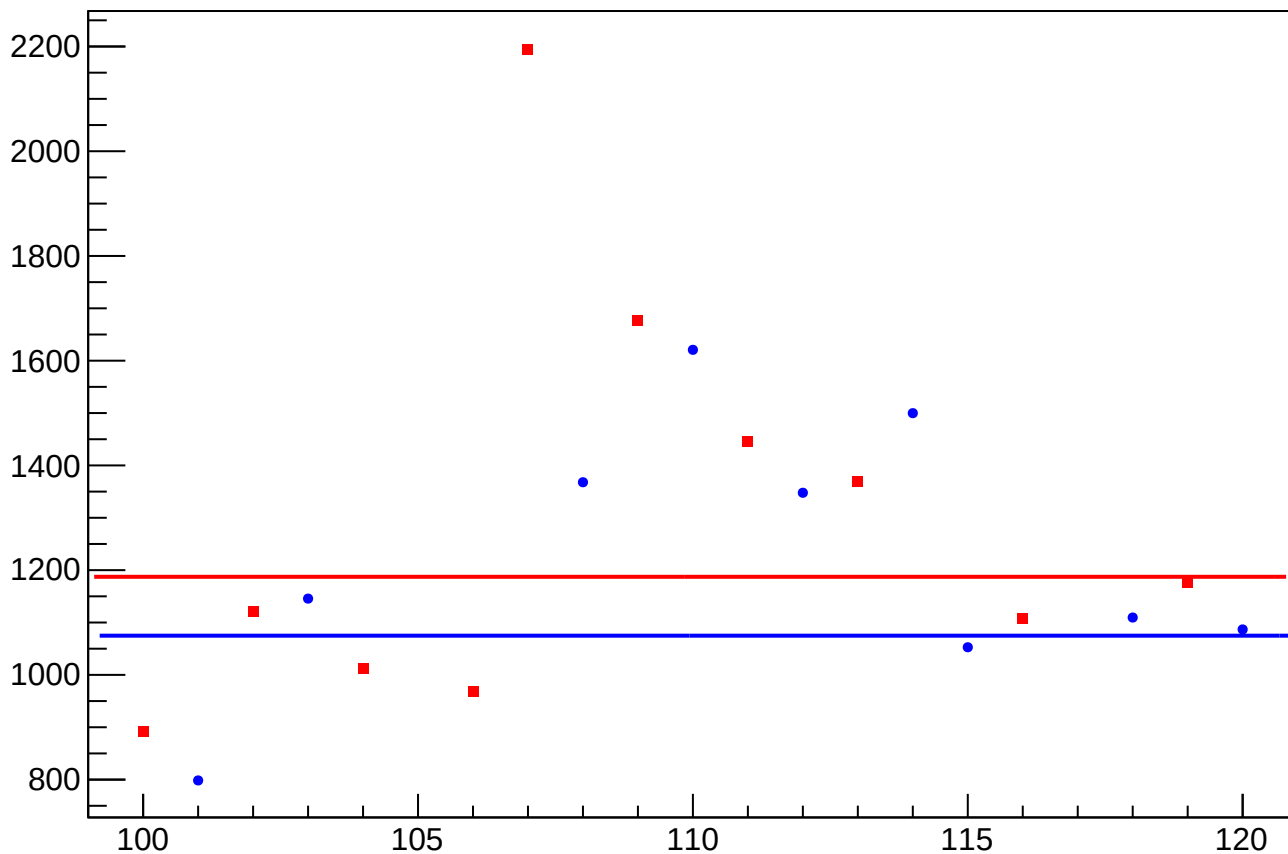
Right: -68.849+/-414.729 χ^2/NDF : 20.5/18

In: -29.491+/-575.012 χ^2/NDF :10.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -68.849+/-414.729 χ^2/NDF : 20.5/18

asym_us_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1074.863+/-0.407 χ^2/NDF : 343696.5/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

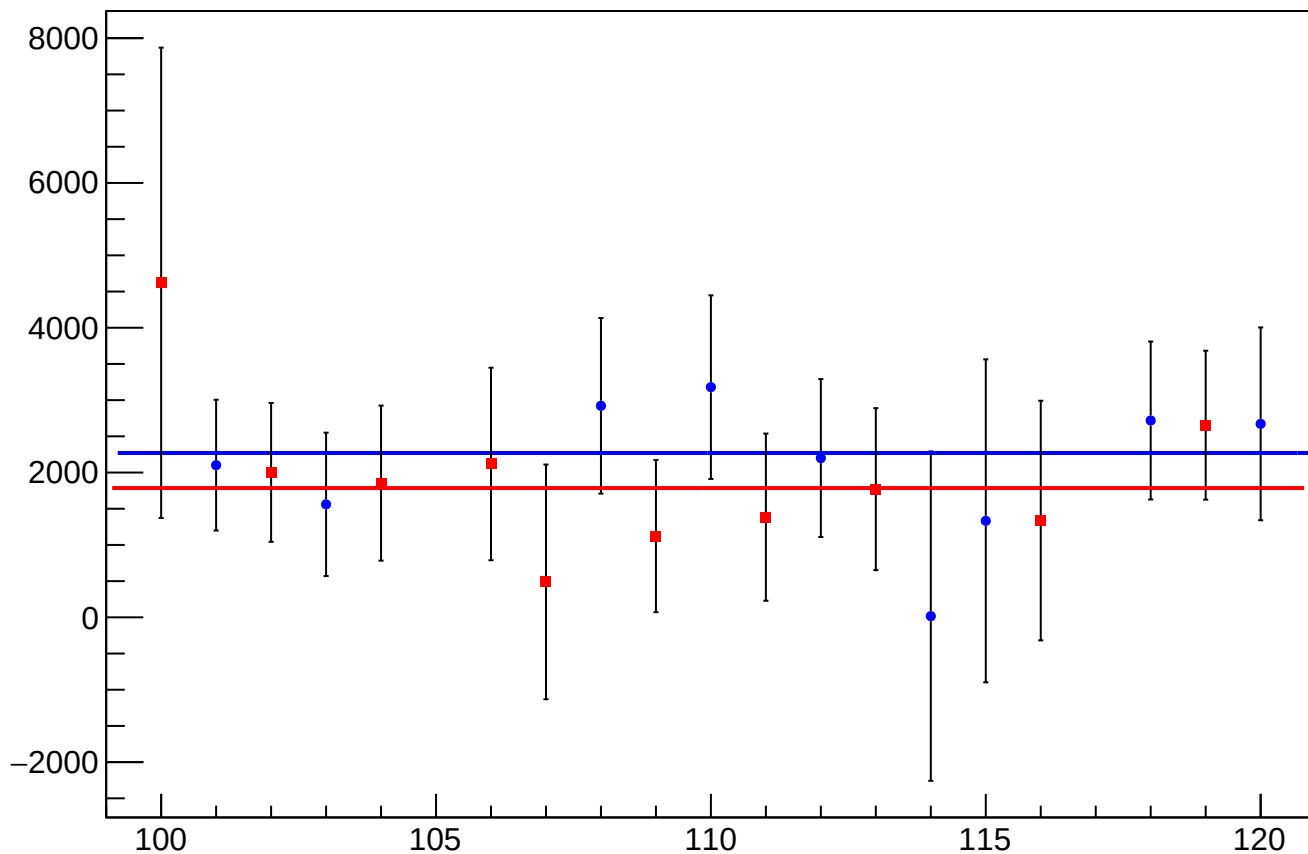
Right: 1128.819+/-0.293 χ^2/NDF : 705110.3/18

In: 1074.863+/-0.407 χ^2/NDF : 343696.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1128.819+/-0.293 χ^2/NDF : 705110.3/18

cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2270.080+/-402.063 χ^2/NDF : 2.8/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

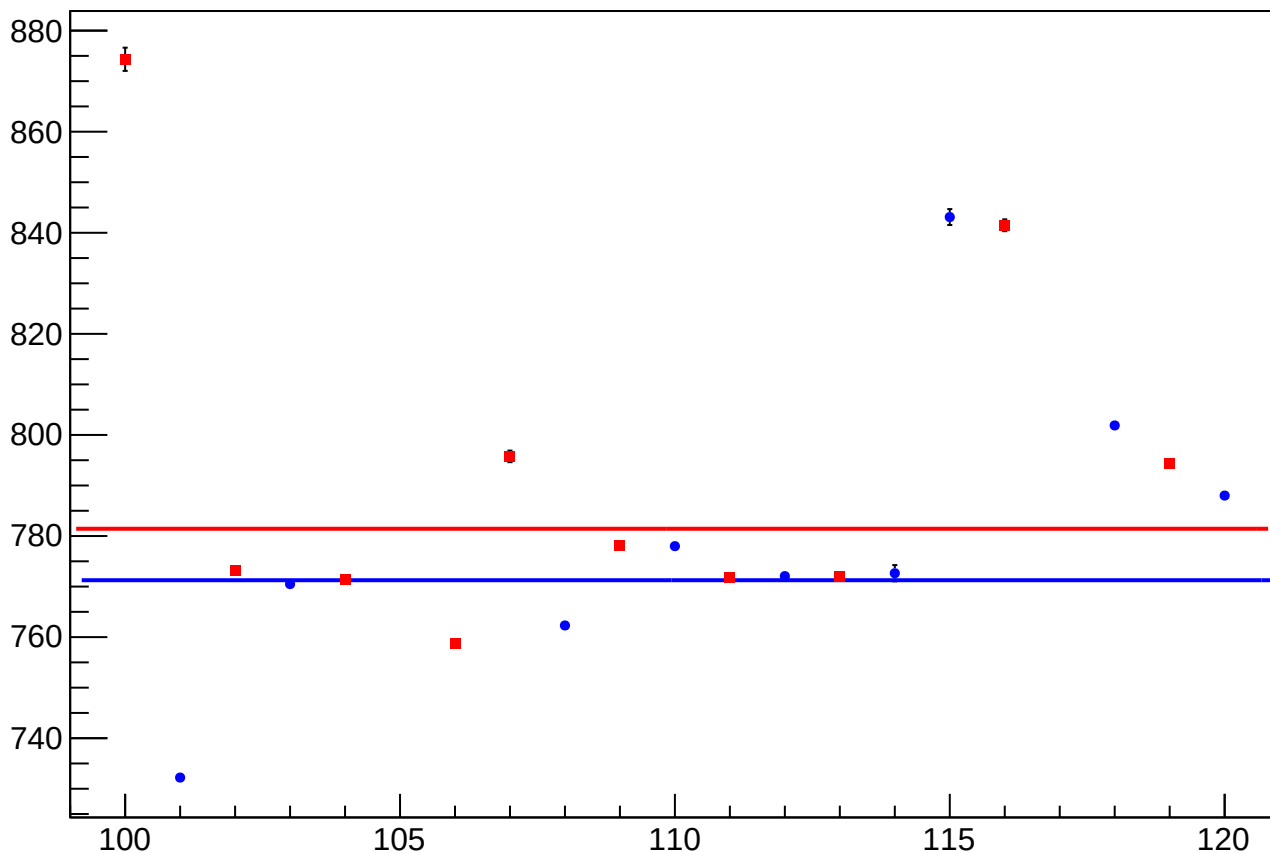
Right: 2017.094+/-277.873 χ^2/NDF : 6.4/18

In: 2270.080+/-402.063 χ^2/NDF : 2.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2017.094+/-277.873 χ^2/NDF : 6.4/18

cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 771.257+/-0.284 χ^2/NDF : 7875.1/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

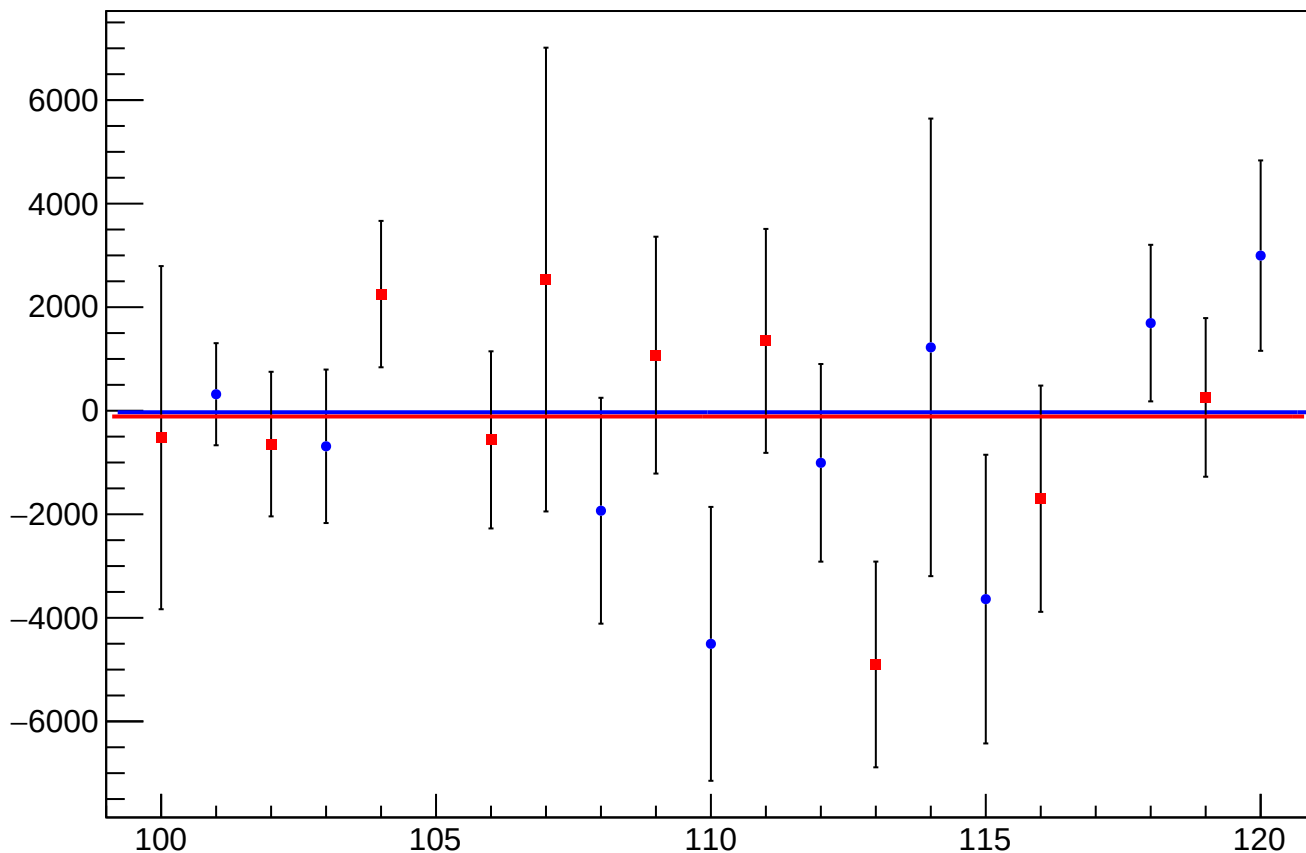
Right: 776.578+/-0.196 χ^2/NDF : 14485.9/18

In: 771.257+/-0.284 χ^2/NDF : 7875.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 776.578+/-0.196 χ^2/NDF : 14485.9/18

asym_us_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -29.491+/-575.012 χ^2/NDF : 10.0/8

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

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

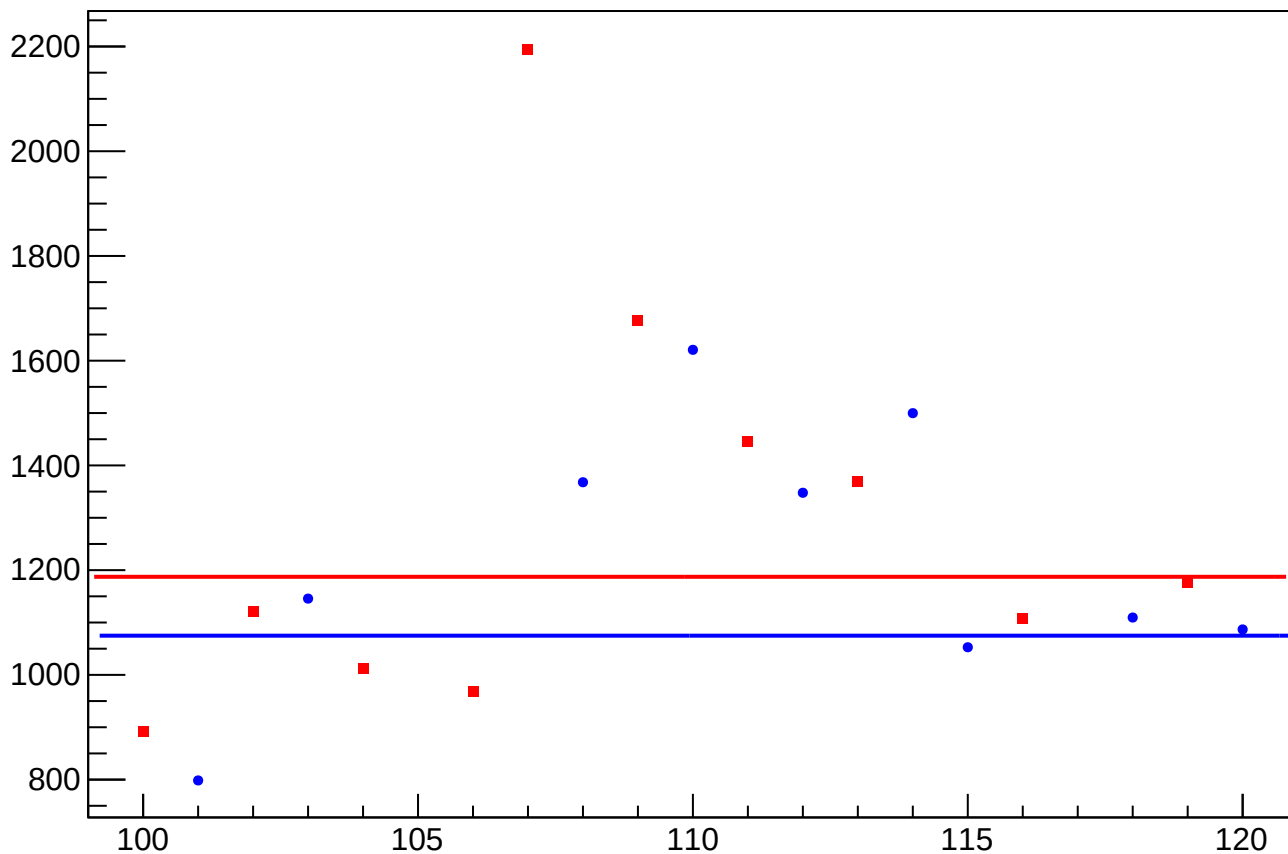
Right: -68.849+/-414.729 χ^2/NDF : 20.5/18

In: -29.491+/-575.012 χ^2/NDF :10.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -68.849+/-414.729 χ^2/NDF : 20.5/18

asym_us_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1074.863+/-0.407 χ^2/NDF : 343696.5/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

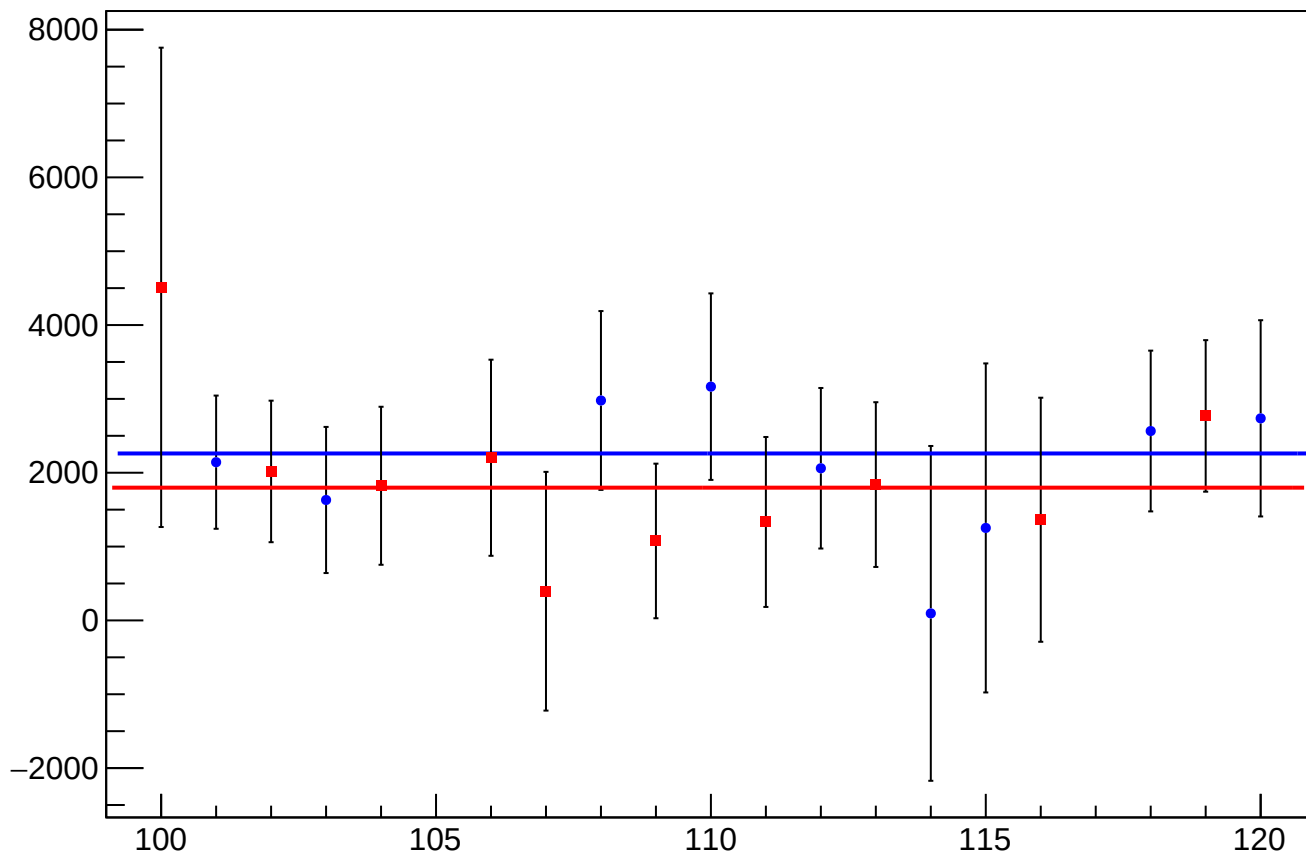
Right: 1128.819+/-0.293 χ^2/NDF : 705110.3/18

In: 1074.863+/-0.407 χ^2/NDF : 343696.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1128.819+/-0.293 χ^2/NDF : 705110.3/18

overload_cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2260.924+/-401.242 χ^2/NDF : 2.6/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

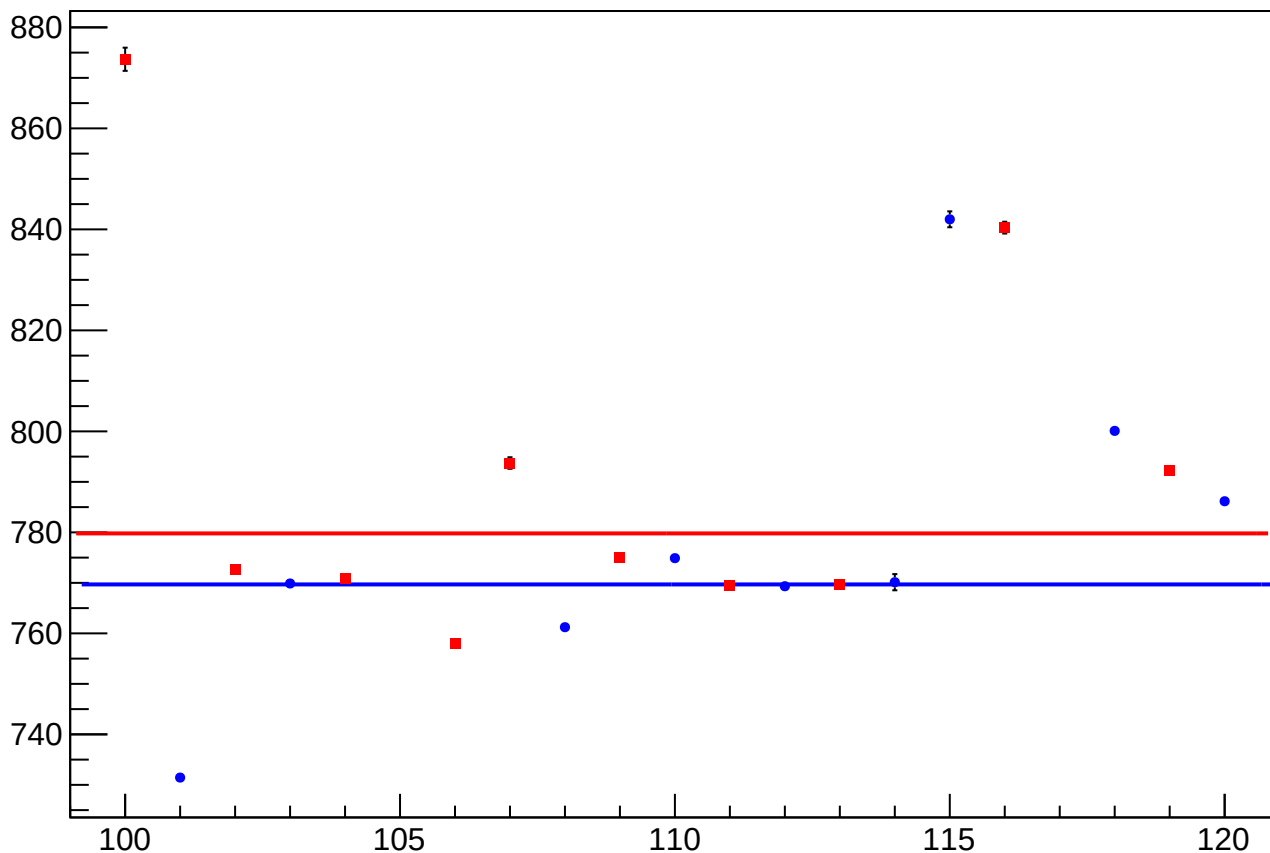
Right: 2018.961+/-277.296 χ^2/NDF : 6.5/18

In: 2260.924+/-401.242 χ^2/NDF : 2.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2018.961+/-277.296 χ^2/NDF : 6.5/18

overload_cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 769.692+/-0.284 χ^2/NDF : 7702.0/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

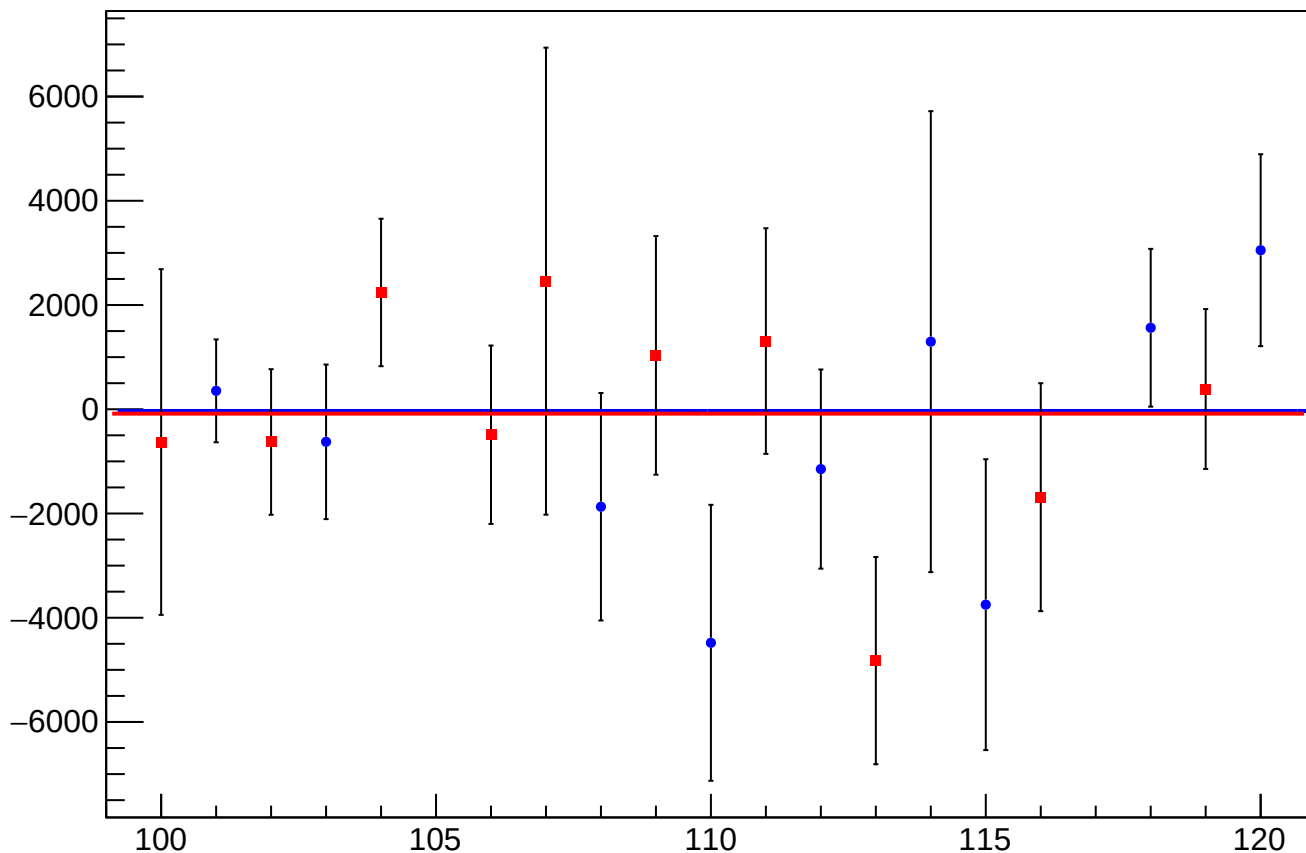
Right: 774.969+/-0.196 χ^2/NDF : 14320.8/18

In: 769.692+/-0.284 χ^2/NDF : 7702.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 774.969+/-0.196 χ^2/NDF : 14320.8/18

asym_us_avg_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: -33.012+/-575.515 χ^2/NDF : 10.0/8

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

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

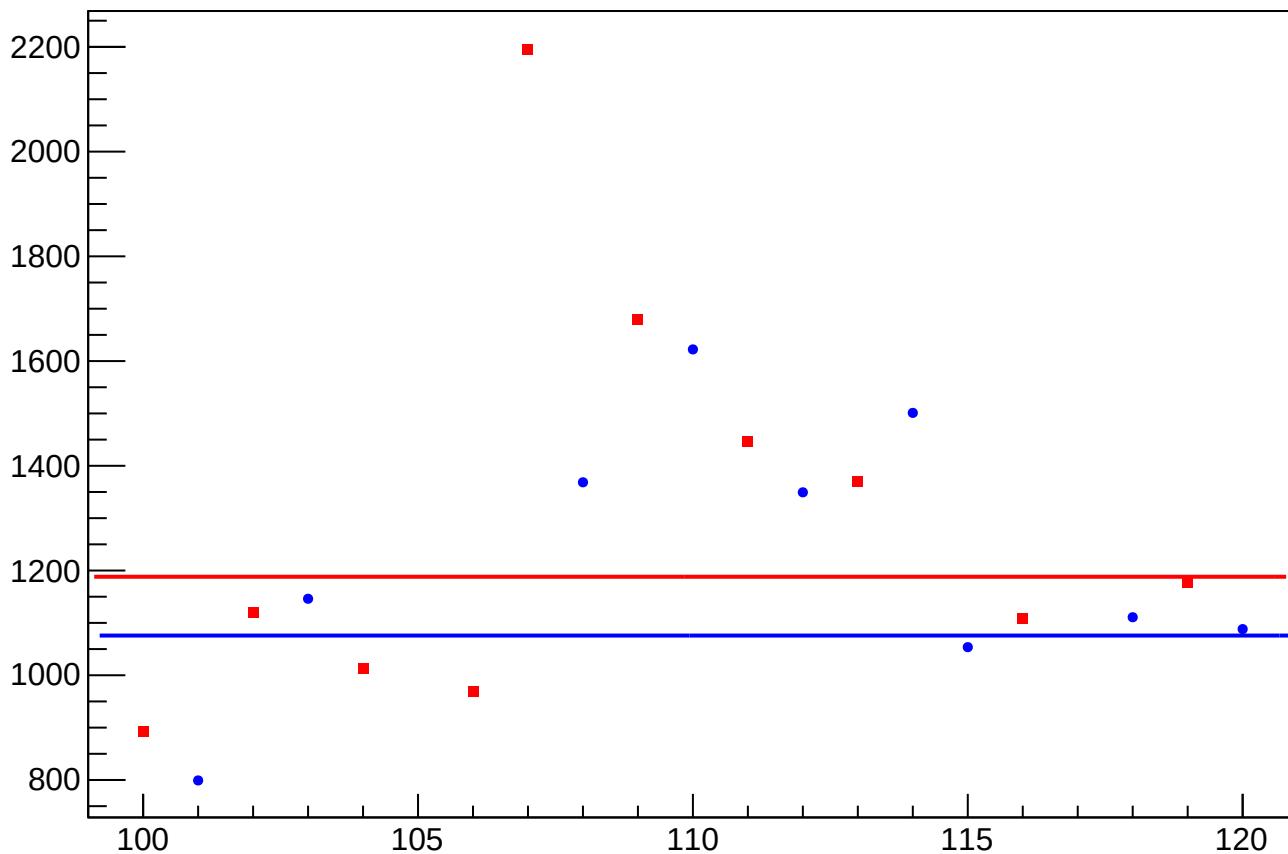
Right: -57.497+/-415.055 χ^2/NDF : 20.2/18

In: -33.012+/-575.515 χ^2/NDF :10.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -57.497+/-415.055 χ^2/NDF : 20.2/18

asym_us_avg_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 1075.815+/-0.407 χ^2/NDF : 343622.0/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

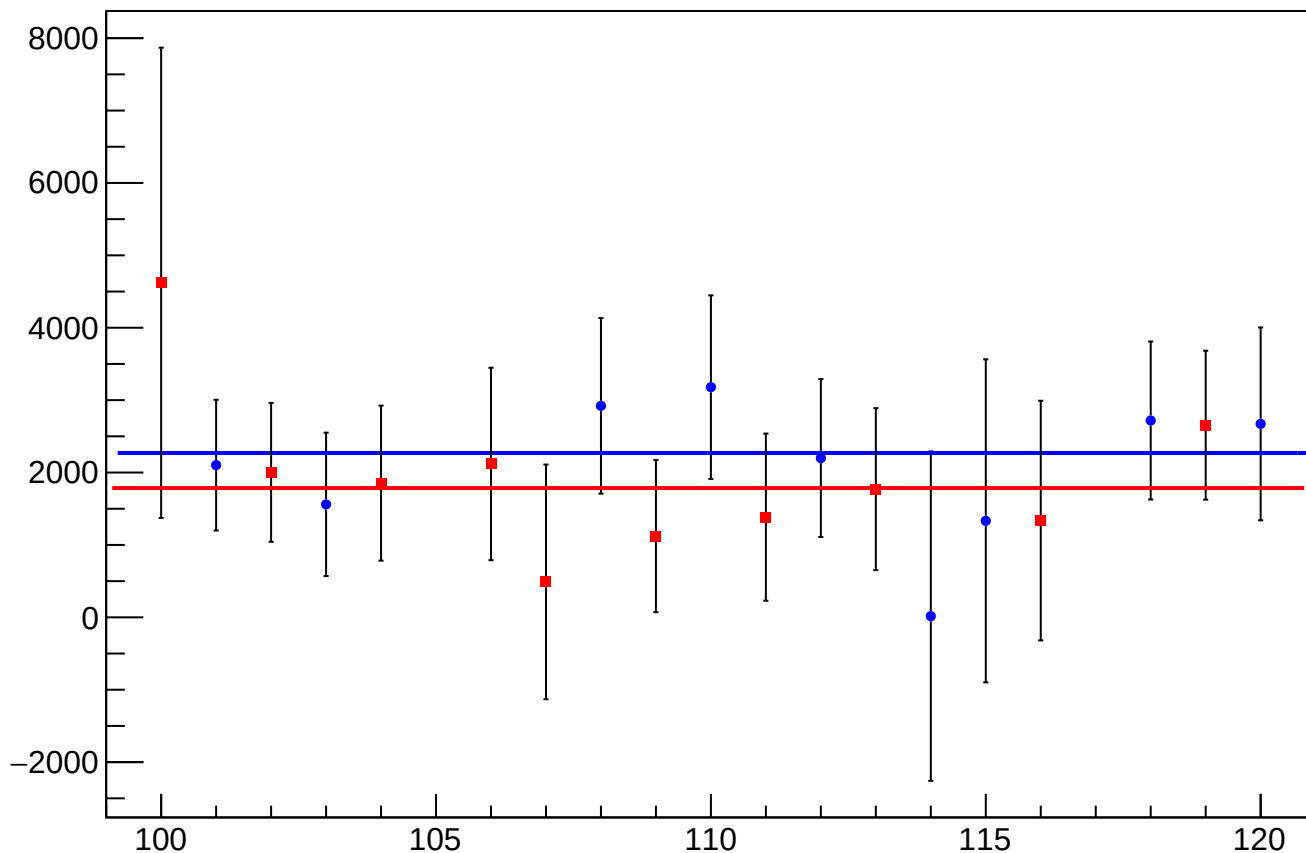
Right: 1129.713+/-0.293 χ^2/NDF : 705135.3/18

In: 1075.815+/-0.407 χ^2/NDF : 343622.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1129.713+/-0.293 χ^2/NDF : 705135.3/18

eigen_cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2270.080+/-402.063 χ^2/NDF : 2.8/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

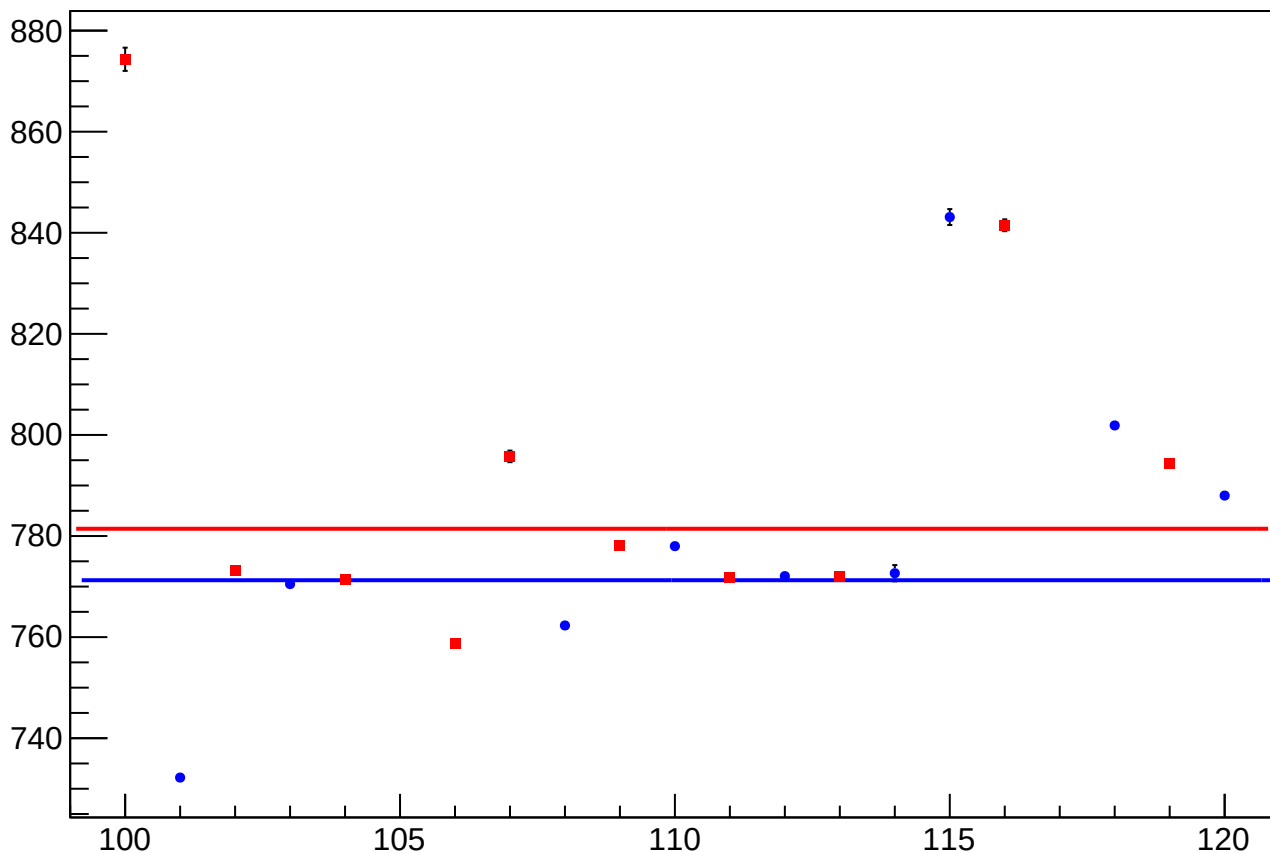
Right: 2017.094+/-277.873 χ^2/NDF : 6.4/18

In: 2270.080+/-402.063 χ^2/NDF : 2.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2017.094+/-277.873 χ^2/NDF : 6.4/18

eigen_cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 771.257+/-0.284 χ^2/NDF : 7875.1/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

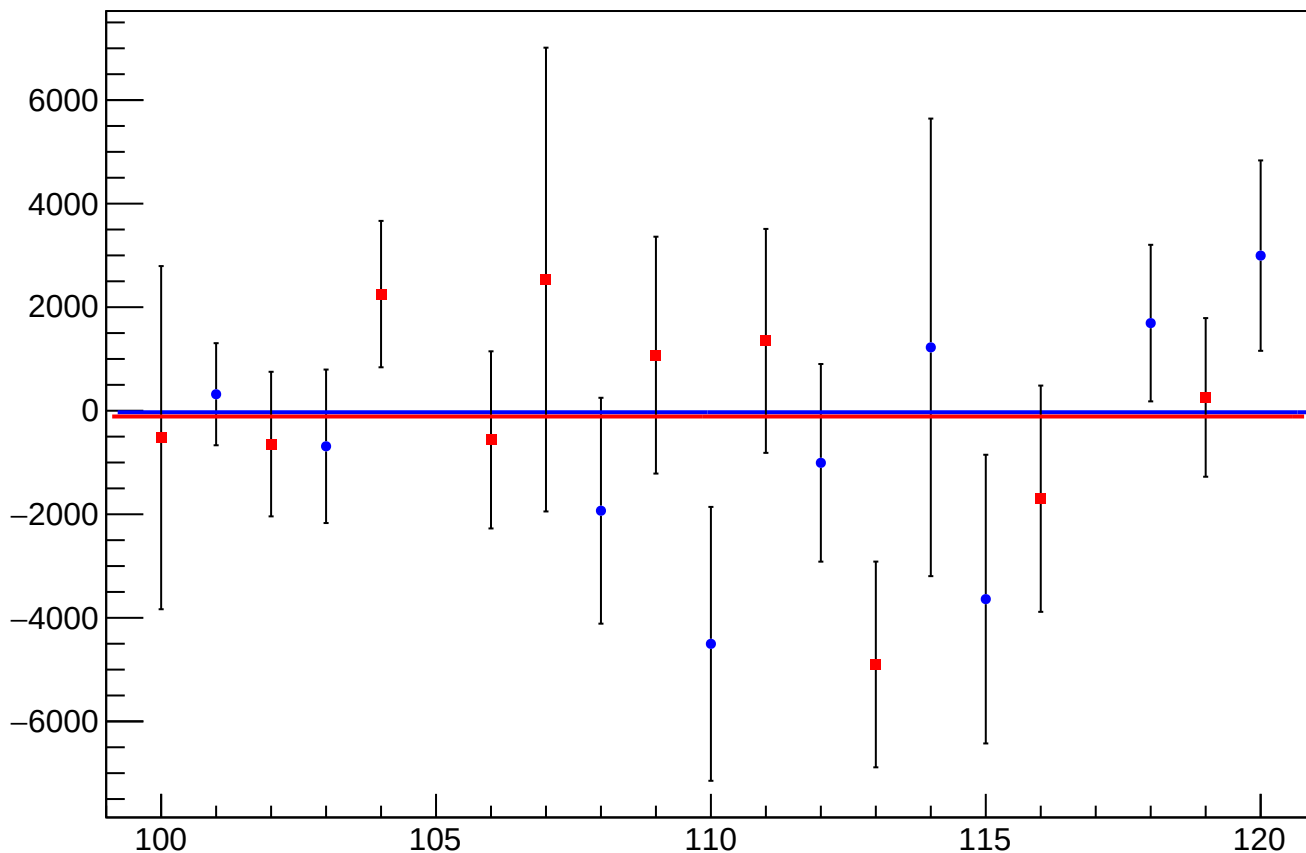
Right: 776.578+/-0.196 χ^2/NDF : 14485.9/18

In: 771.257+/-0.284 χ^2/NDF : 7875.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 776.578+/-0.196 χ^2/NDF : 14485.9/18

asym_us_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -29.491+/-575.012 χ^2/NDF : 10.0/8

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

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

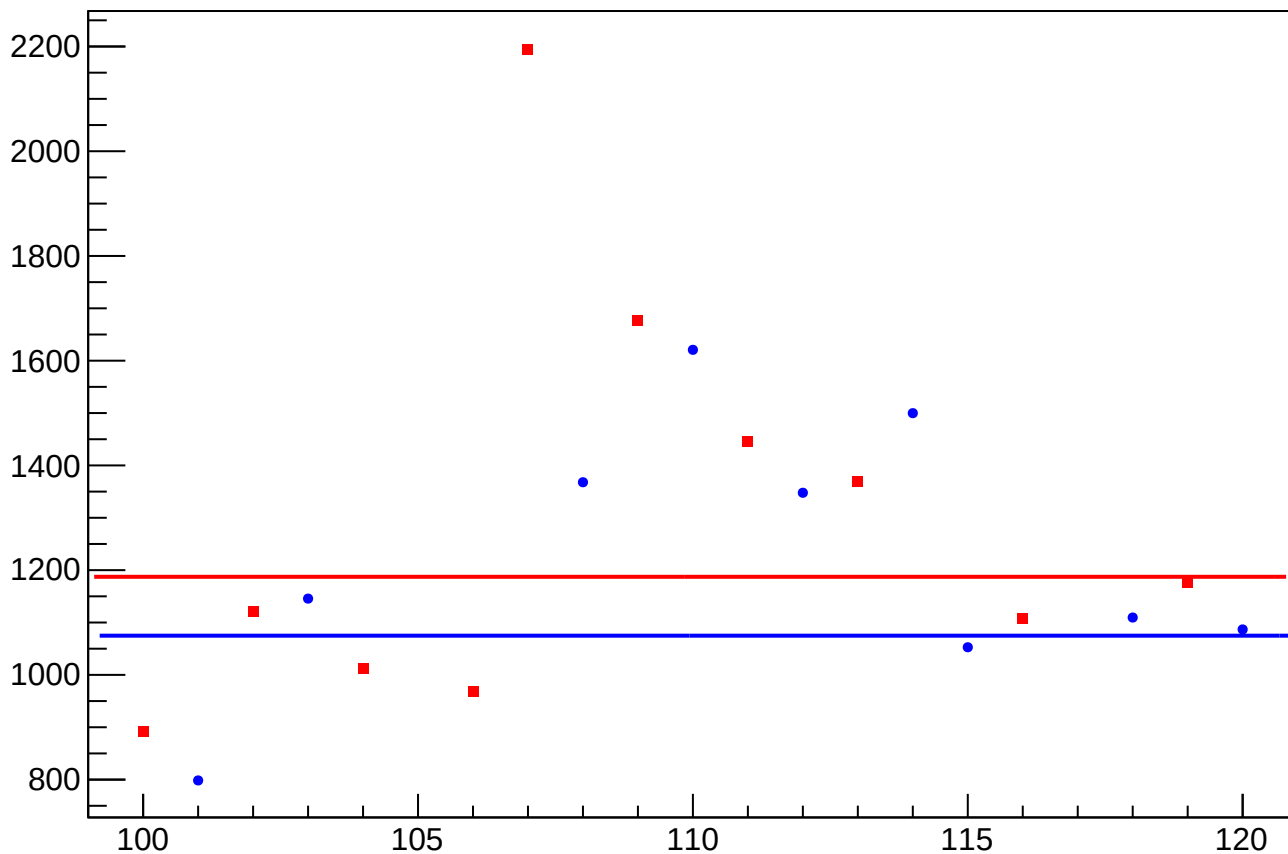
Right: -68.849+/-414.729 χ^2/NDF : 20.5/18

In: -29.491+/-575.012 χ^2/NDF :10.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -68.849+/-414.729 χ^2/NDF : 20.5/18

asym_us_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1074.863+/-0.407 χ^2/NDF : 343696.5/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

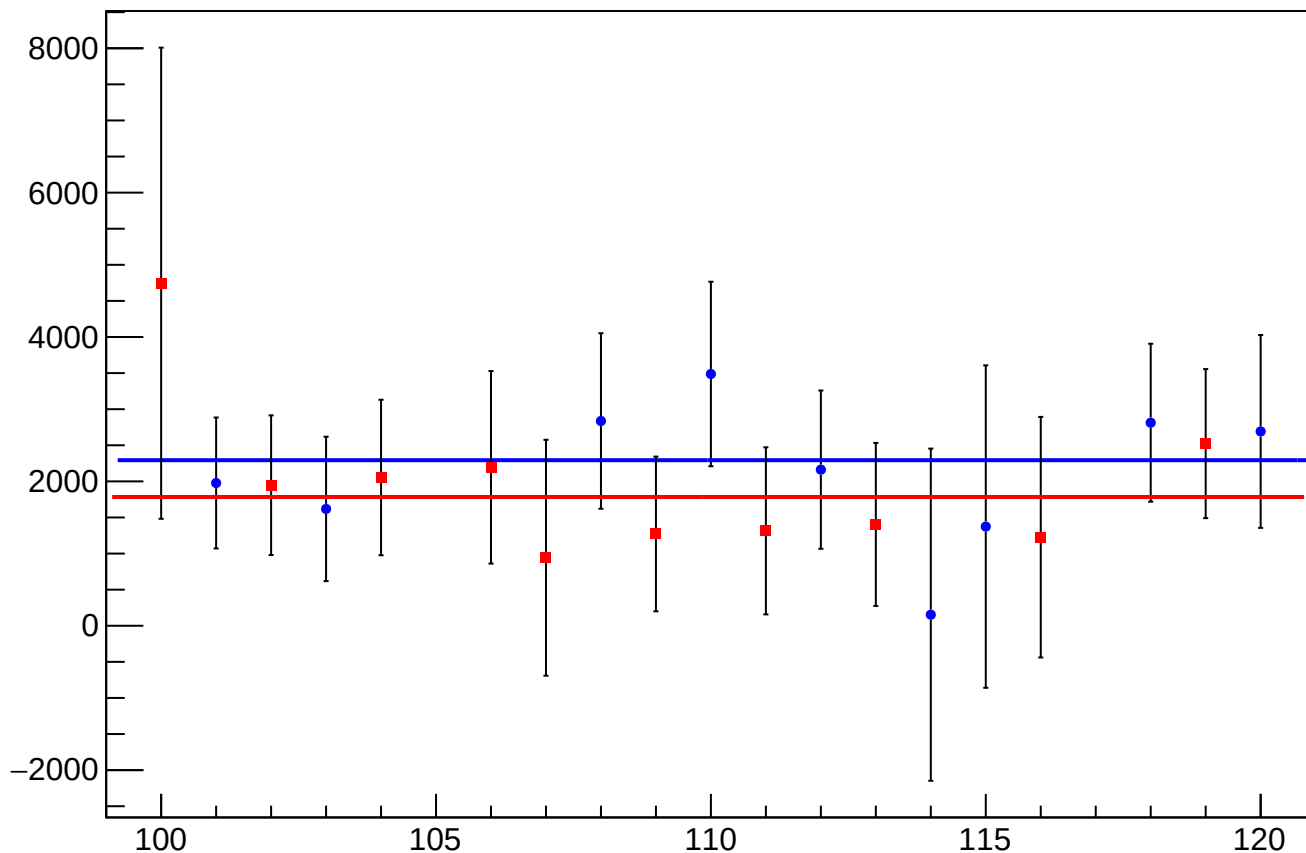
Right: 1128.819+/-0.293 χ^2/NDF : 705110.3/18

In: 1074.863+/-0.407 χ^2/NDF : 343696.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1128.819+/-0.293 χ^2/NDF : 705110.3/18

dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2293.358+/-404.205 χ^2/NDF : 3.0/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

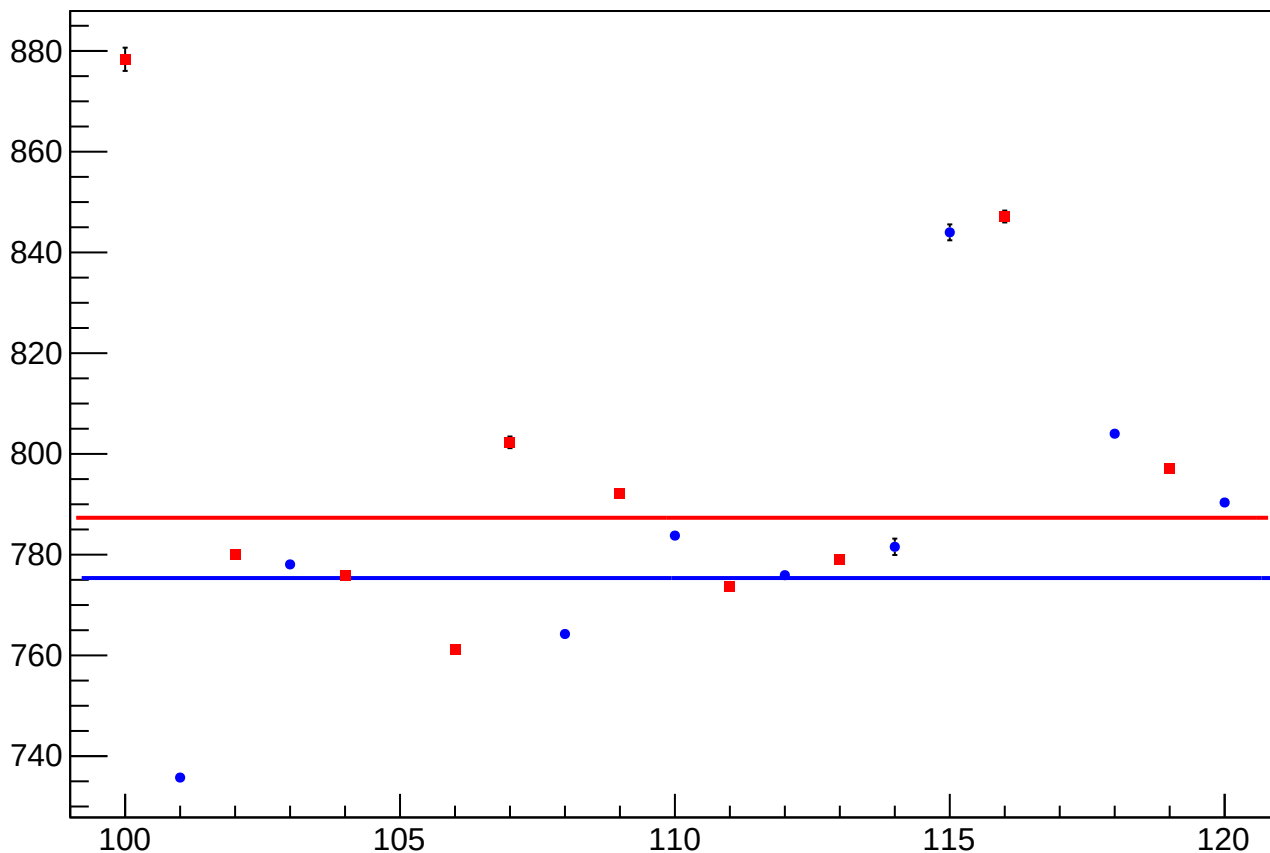
Right: 2027.774+/-279.703 χ^2/NDF : 6.2/18

In: 2293.358+/-404.205 χ^2/NDF : 3.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2027.774+/-279.703 χ^2/NDF : 6.2/18

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 775.357+/-0.286 χ^2/NDF : 7608.7/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

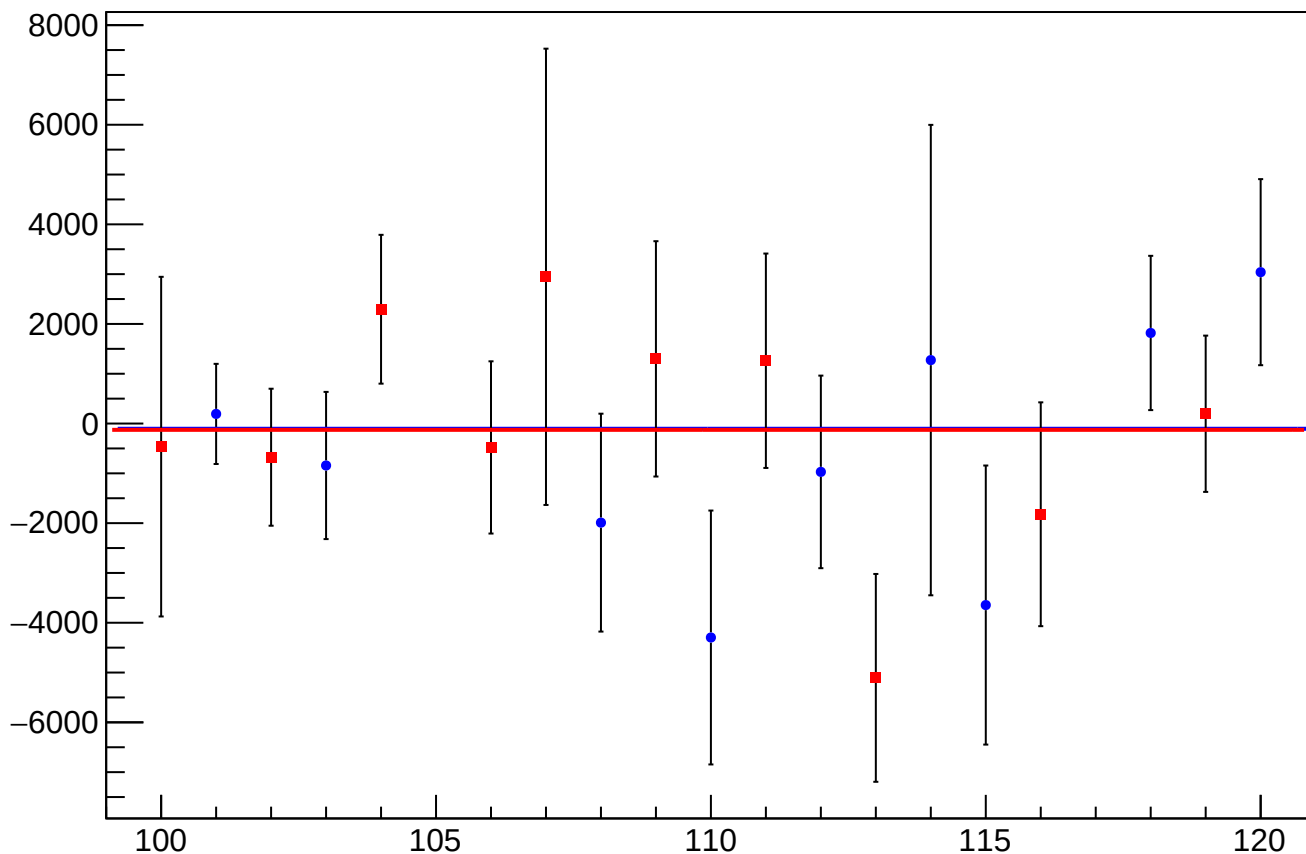
Right: 781.594+/-0.198 χ^2/NDF : 14535.1/18

In: 775.357+/-0.286 χ^2/NDF : 7608.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 781.594+/-0.198 χ^2/NDF : 14535.1/18

asym_us_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -104.828+/-581.934 χ^2/NDF : 10.0/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

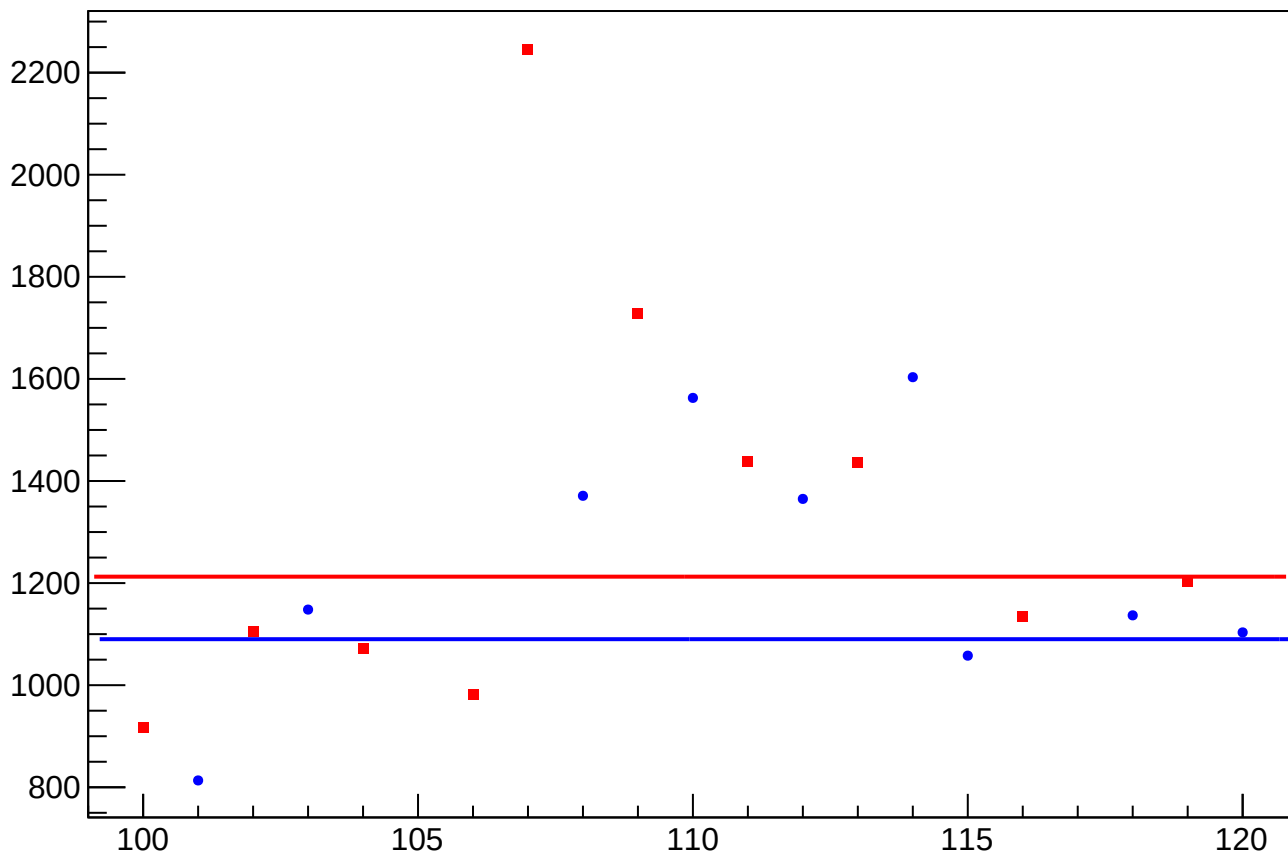
Right: -115.125+/-421.585 χ^2/NDF : 20.4/18

In: -104.828+/-581.934 χ^2/NDF : 10.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -115.125+/-421.585 χ^2/NDF : 20.4/18

asym_us_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1090.112+/-0.411 χ^2/NDF : 322513.2/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

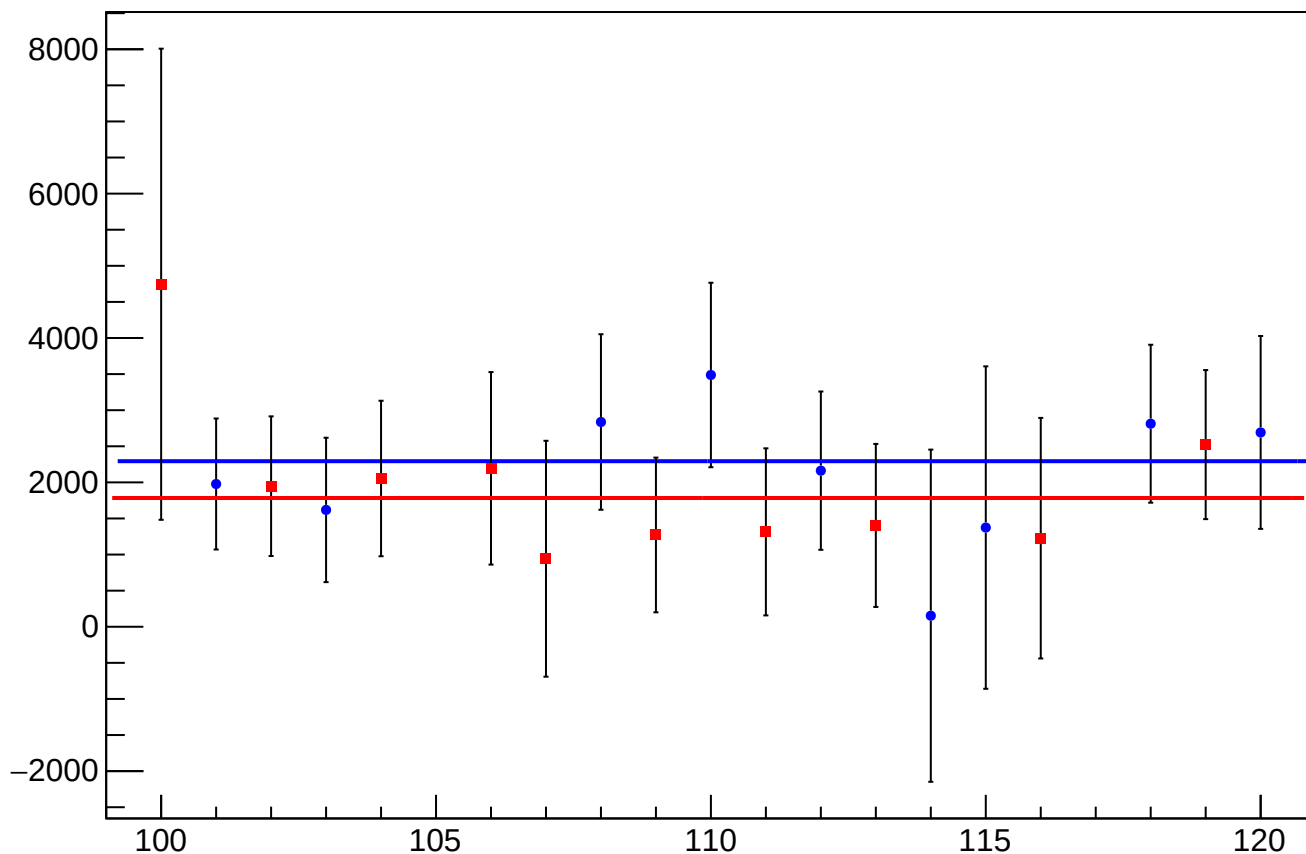
Right: 1148.315+/-0.298 χ^2/NDF : 689584.8/18

In: 1090.112+/-0.411 χ^2/NDF : 322513.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1148.315+/-0.298 χ^2/NDF : 689584.8/18

eigen_dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2293.358+/-404.205 χ^2/NDF : 3.0/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

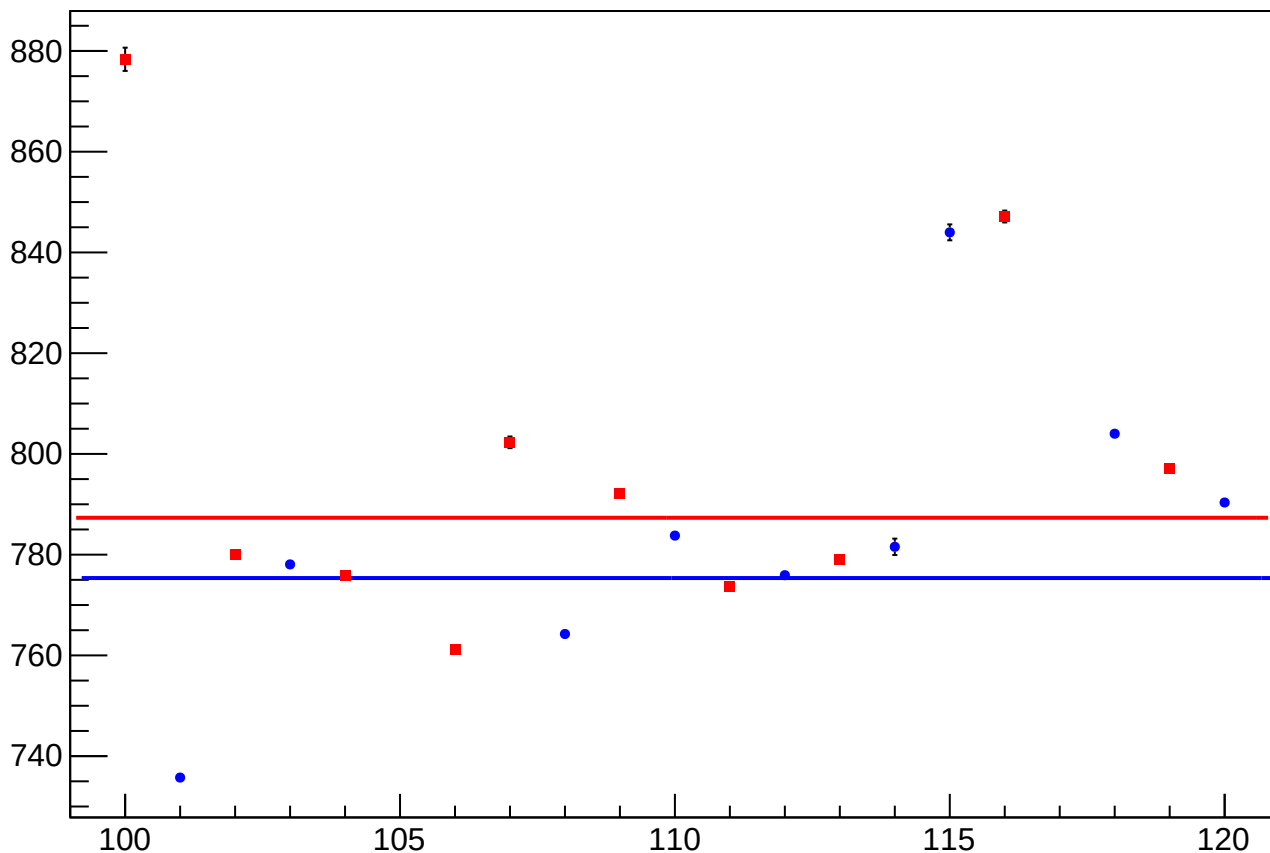
Right: 2027.774+/-279.703 χ^2/NDF : 6.2/18

In: 2293.358+/-404.205 χ^2/NDF : 3.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2027.774+/-279.703 χ^2/NDF : 6.2/18

eigen_dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 775.357+/-0.286 χ^2/NDF : 7608.7/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

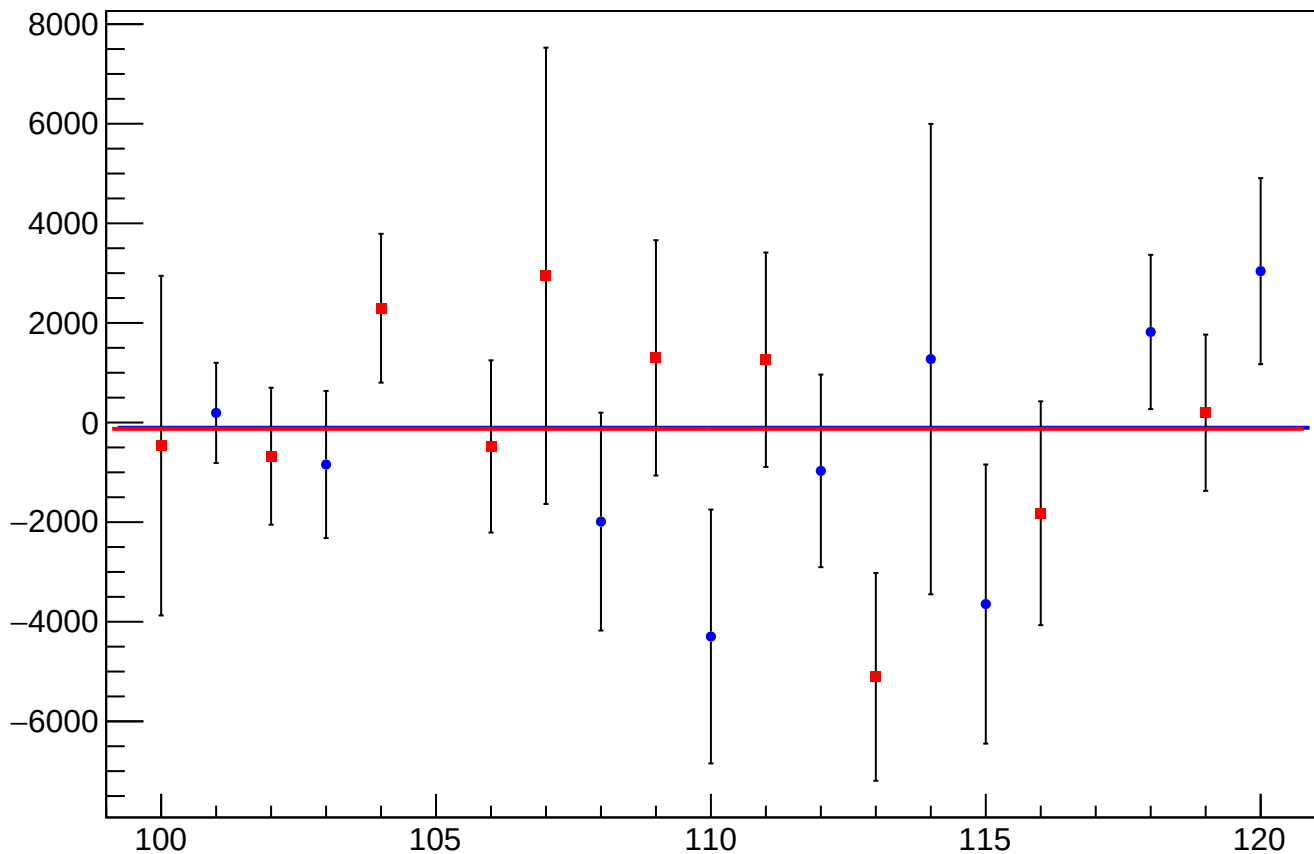
Right: 781.594+/-0.198 χ^2/NDF : 14535.0/18

In: 775.357+/-0.286 χ^2/NDF : 7608.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 781.594+/-0.198 χ^2/NDF : 14535.0/18

asym_us_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -104.827+/-581.933 χ^2/NDF : 10.0/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

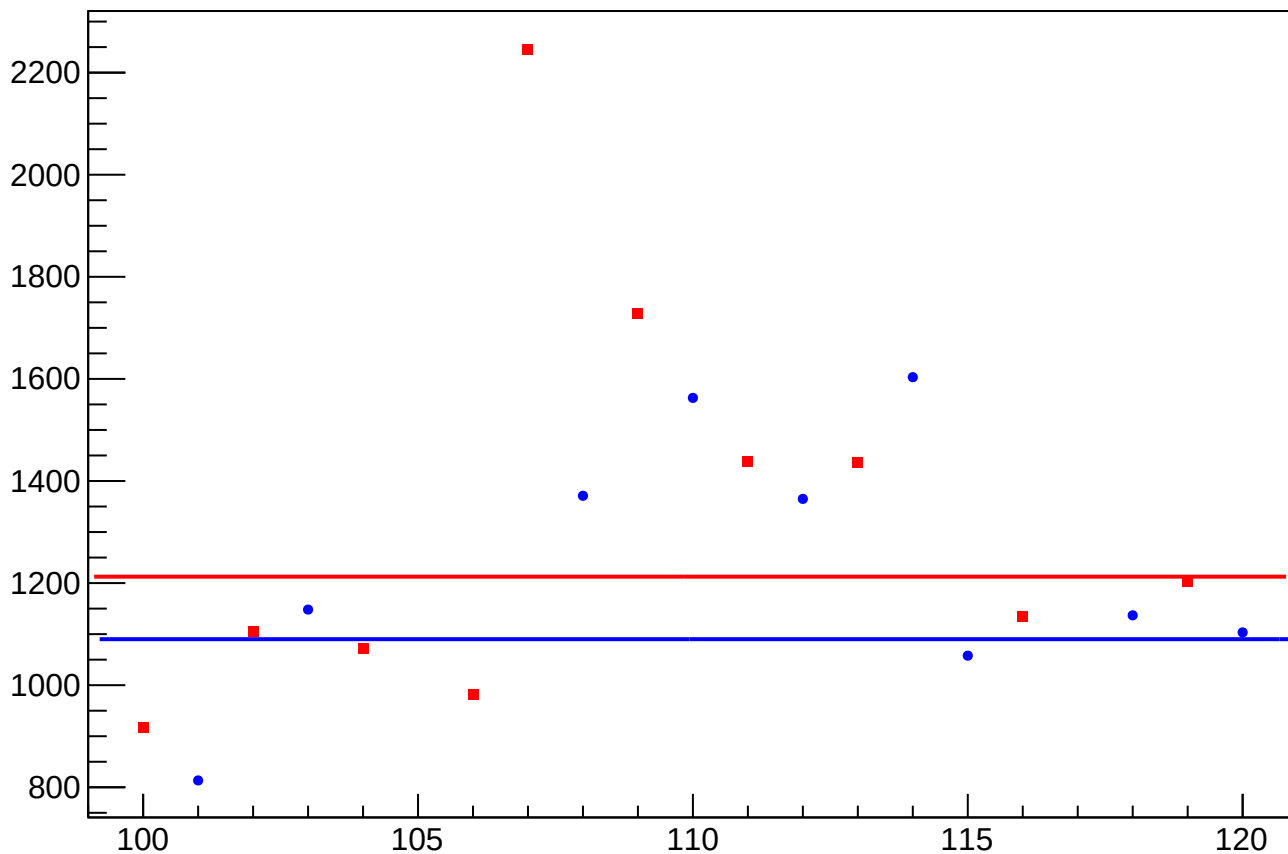
Right: -115.125+/-421.584 χ^2/NDF : 20.4/18

In: -104.827+/-581.933 χ^2/NDF : 10.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -115.125+/-421.584 χ^2/NDF : 20.4/18

asym_us_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1090.109+/-0.411 χ^2/NDF : 322511.1/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

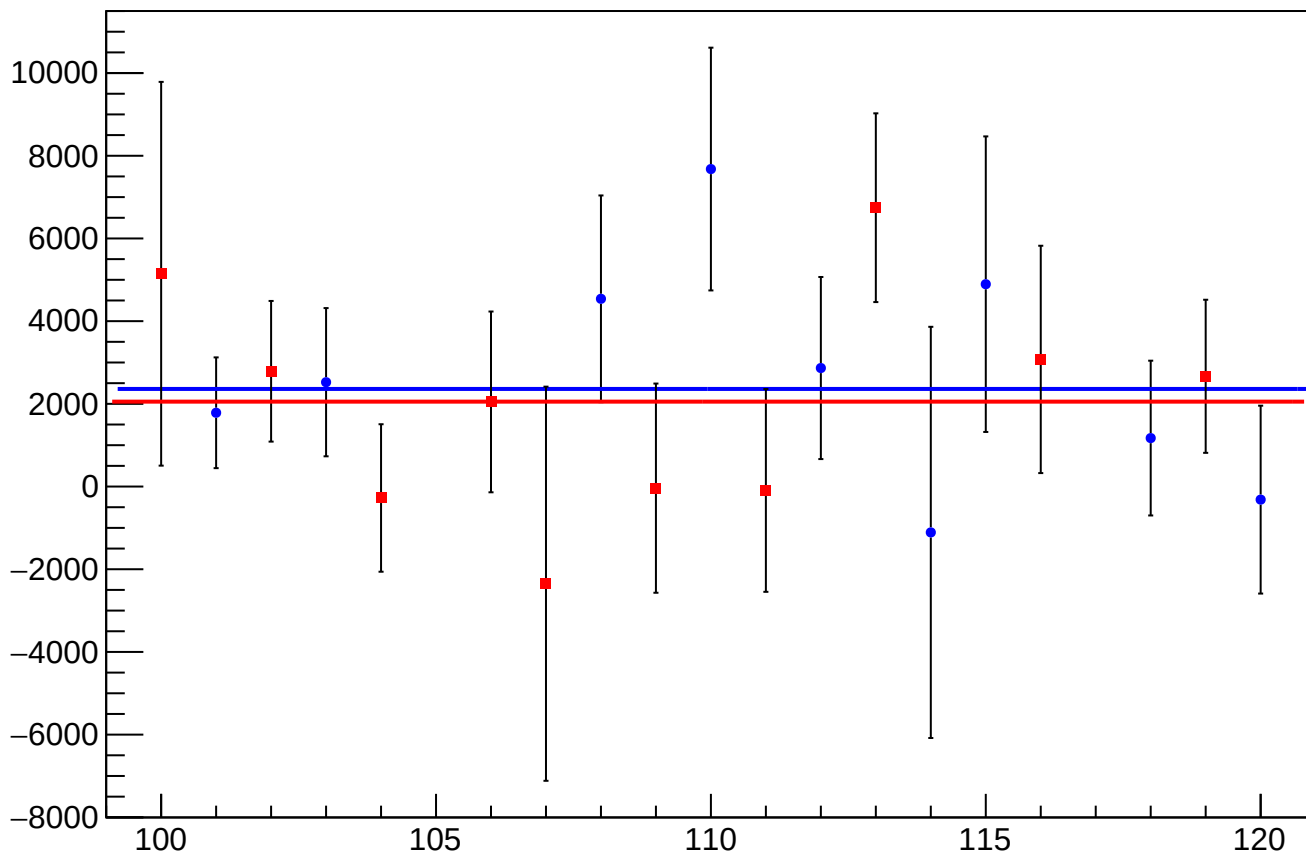
Right: 1148.312+/-0.298 χ^2/NDF : 689580.9/18

In: 1090.109+/-0.411 χ^2/NDF : 322511.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1148.312+/-0.298 χ^2/NDF : 689580.9/18

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2360.510+/-716.308 χ^2/NDF : 7.1/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

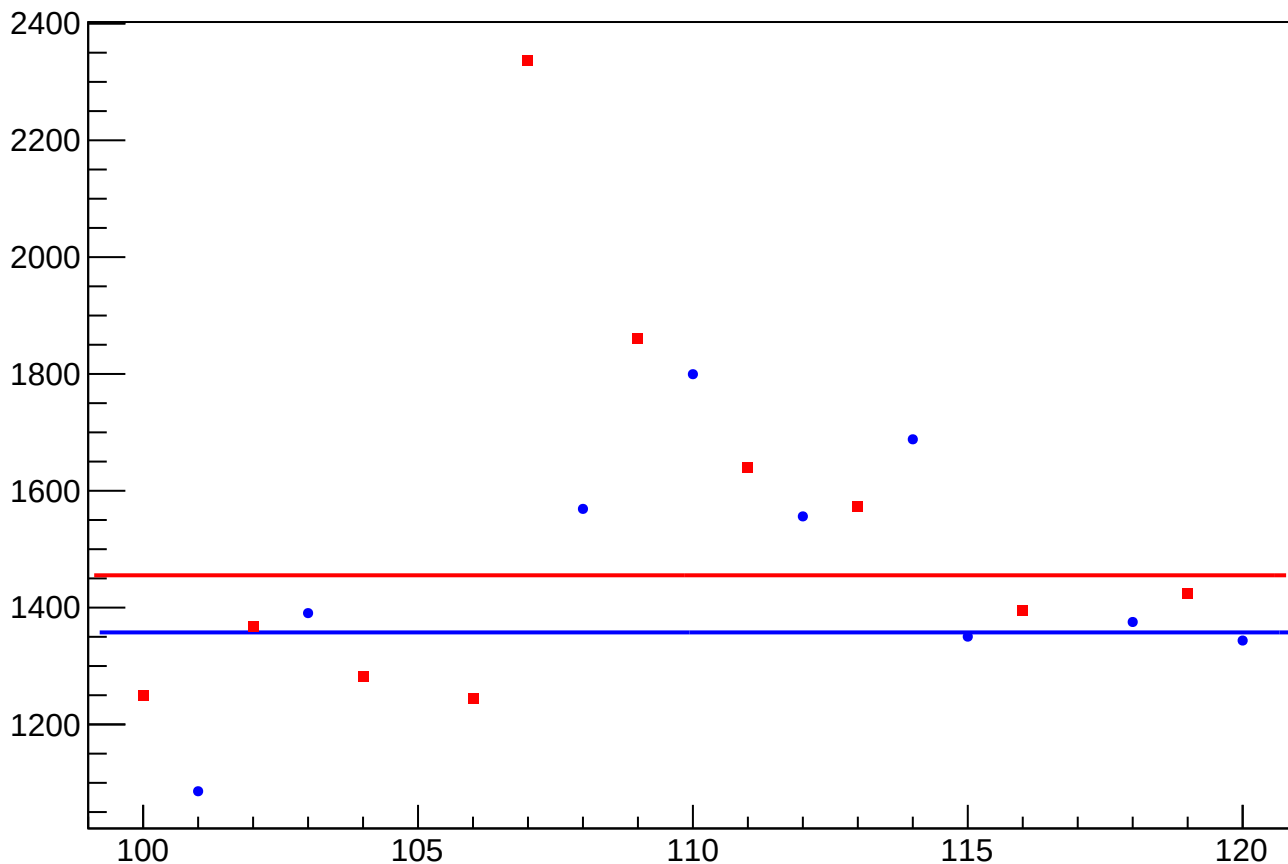
Right: 2209.009+/-509.836 χ^2/NDF : 16.3/18

In: 2360.510+/-716.308 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2209.009+/-509.836 χ^2/NDF : 16.3/18

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1357.540+/-0.507 χ^2/NDF : 168170.5/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

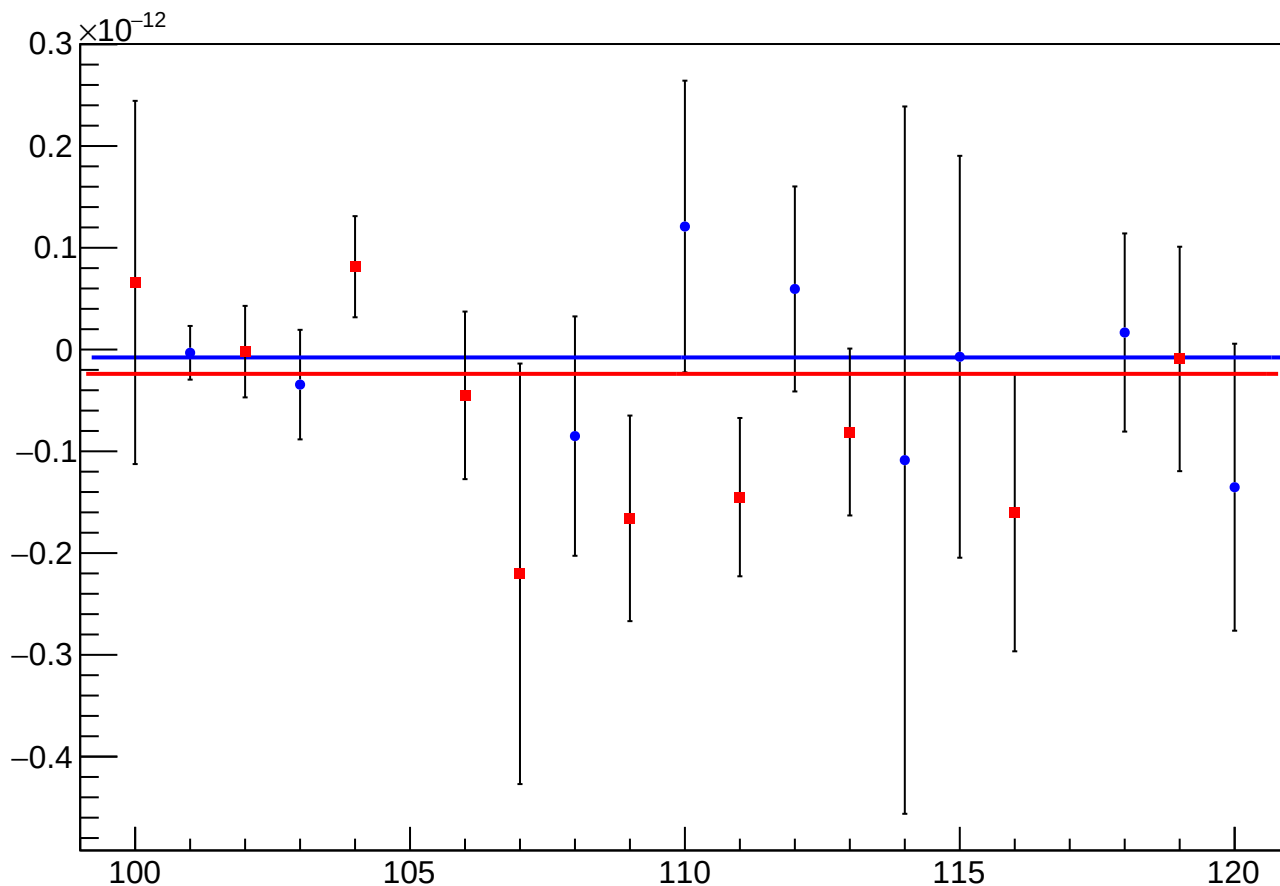
Right: 1405.784+/-0.361 χ^2/NDF : 371058.3/18

In: 1357.540+/-0.507 χ^2/NDF : 168170.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1405.784+/-0.361 χ^2/NDF : 371058.3/18

asym_us_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.9/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

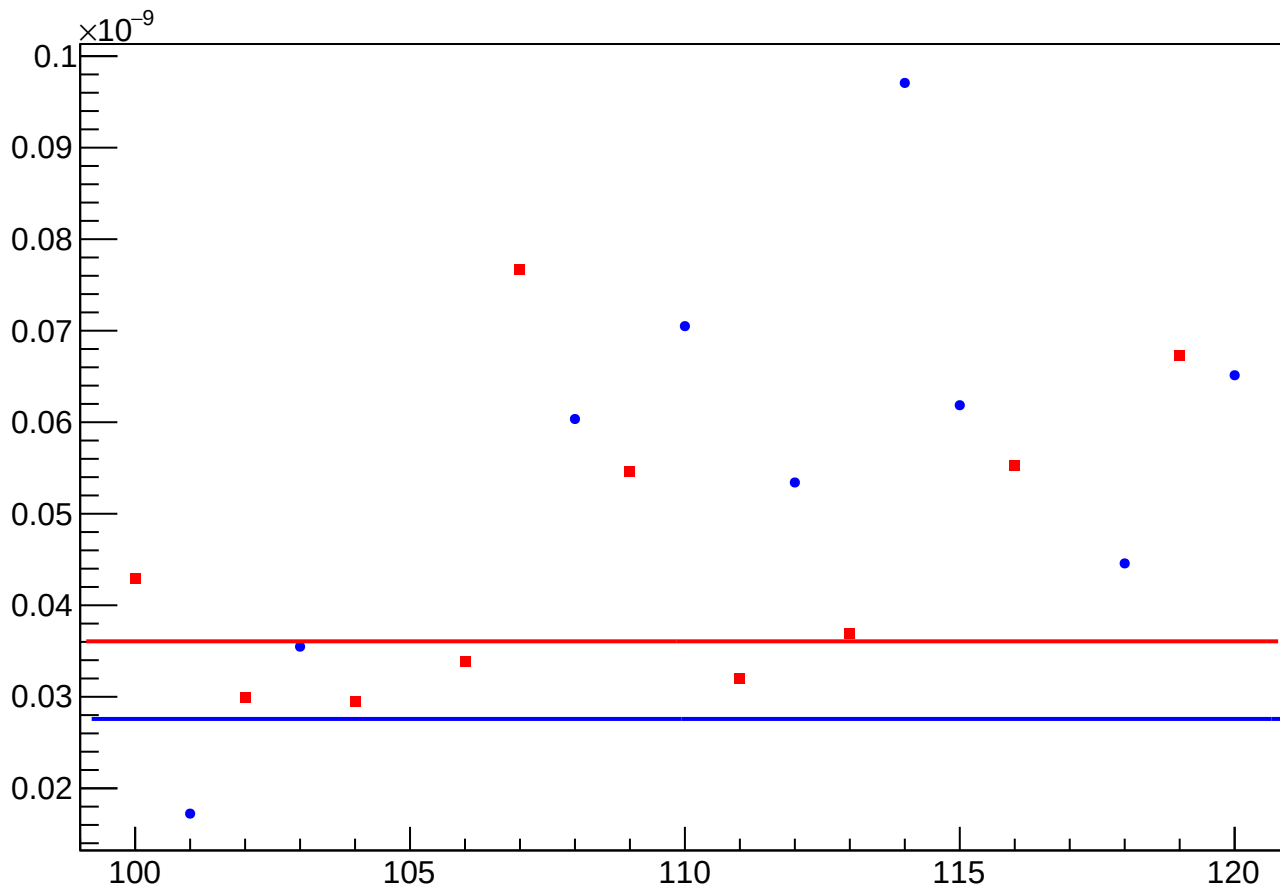
Right: -0.000+/-0.000 χ^2/NDF : 15.0/18

In: -0.000+/-0.000 χ^2/NDF : 2.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.0/18

asym_us_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1160005.7/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

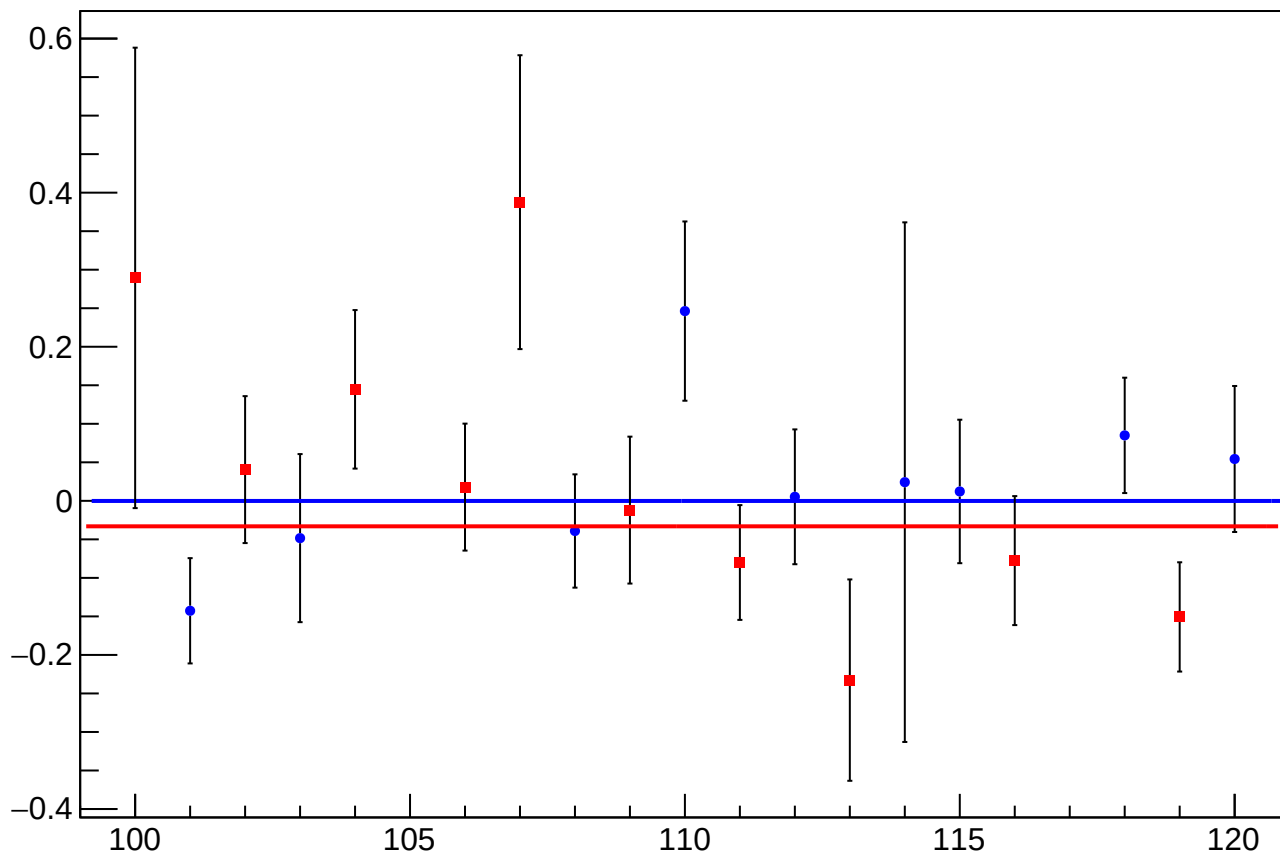
Right: 0.000+/-0.000 χ^2/NDF : 1722018.4/18

In: 0.000+/-0.000 χ^2/NDF : 1160005.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1722018.4/18

asym_us_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.030 χ^2/NDF : 11.0/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

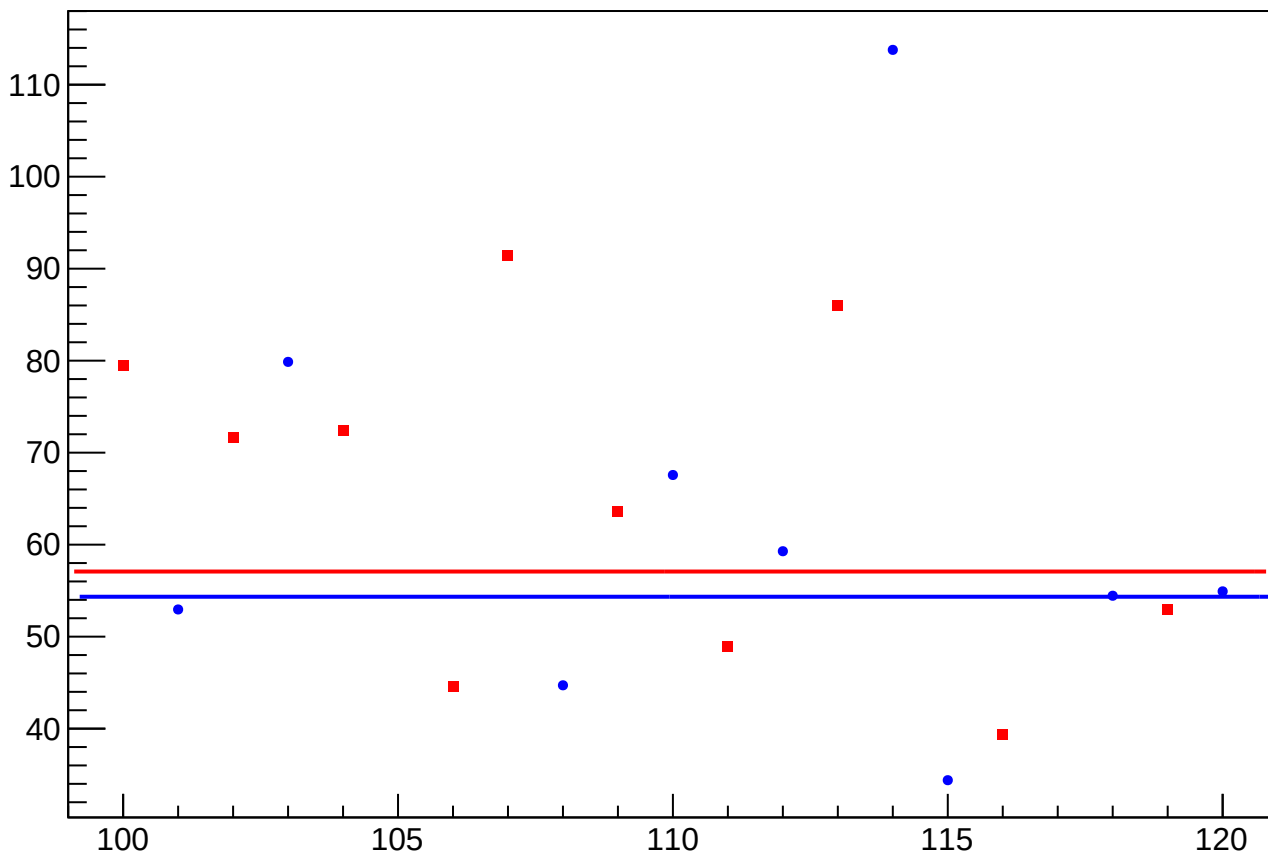
Right: -0.016+/-0.021 χ^2/NDF : 27.4/18

In: -0.000+/-0.030 χ^2/NDF : 11.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.021 χ^2/NDF : 27.4/18

asym_us_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.338+/-0.021 χ^2/NDF : 330899.2/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

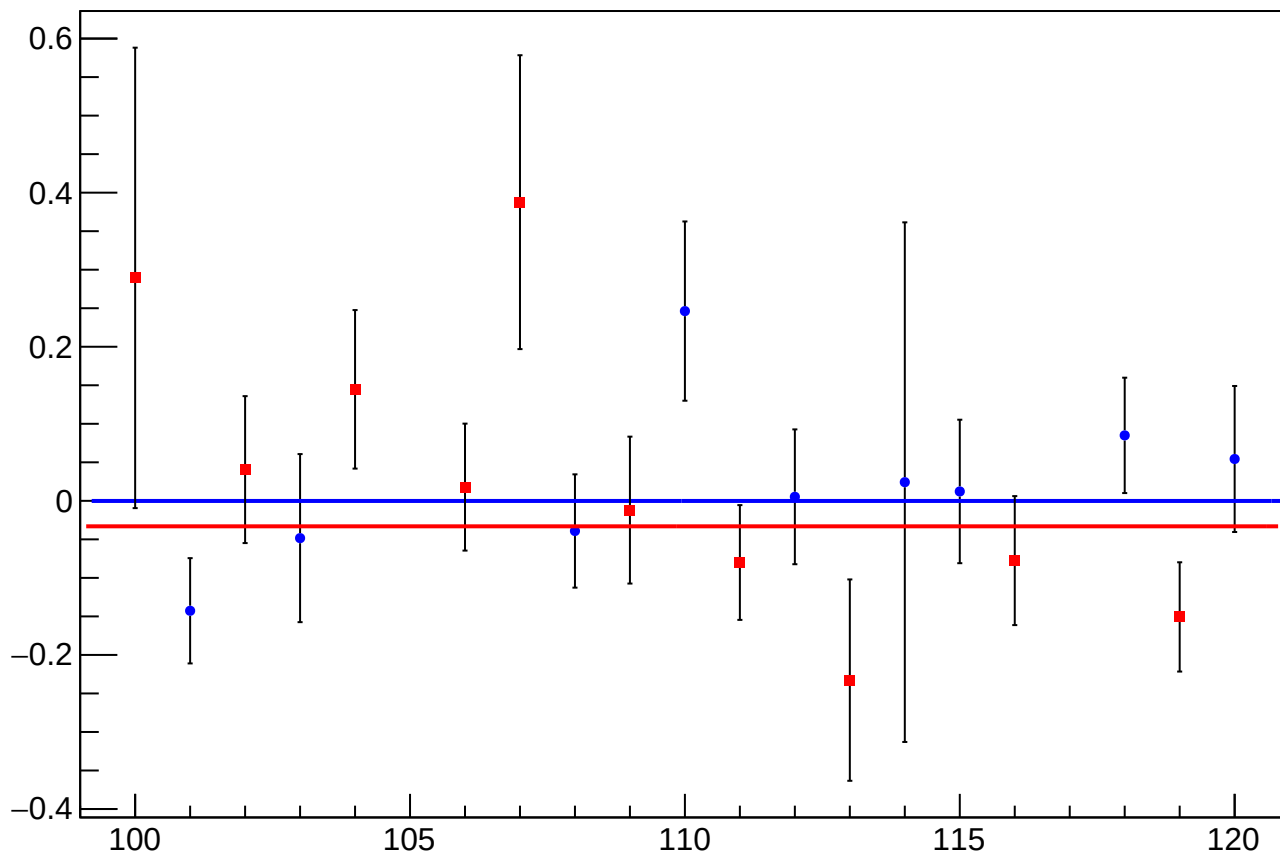
Right: 55.695+/-0.015 χ^2/NDF : 779868.1/18

In: 54.338+/-0.021 χ^2/NDF : 330899.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.695+/-0.015 χ^2/NDF : 779868.1/18

asym_us_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.030 χ^2/NDF : 11.0/8

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

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

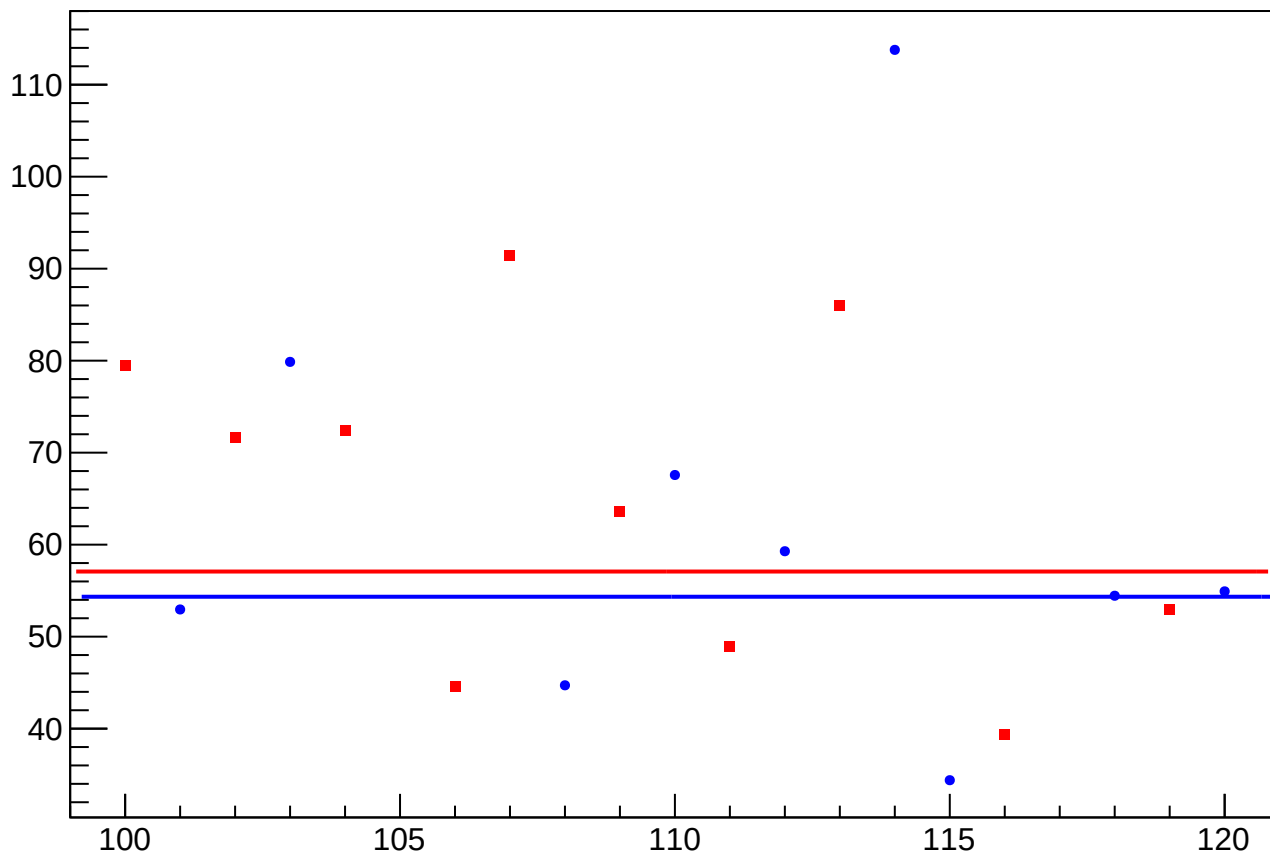
Right: -0.016+/-0.021 χ^2/NDF : 27.4/18

In: -0.000+/-0.030 χ^2/NDF :11.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.016+/-0.021 χ^2/NDF : 27.4/18

asym_us_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.338+/-0.021 χ^2/NDF : 330899.2/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

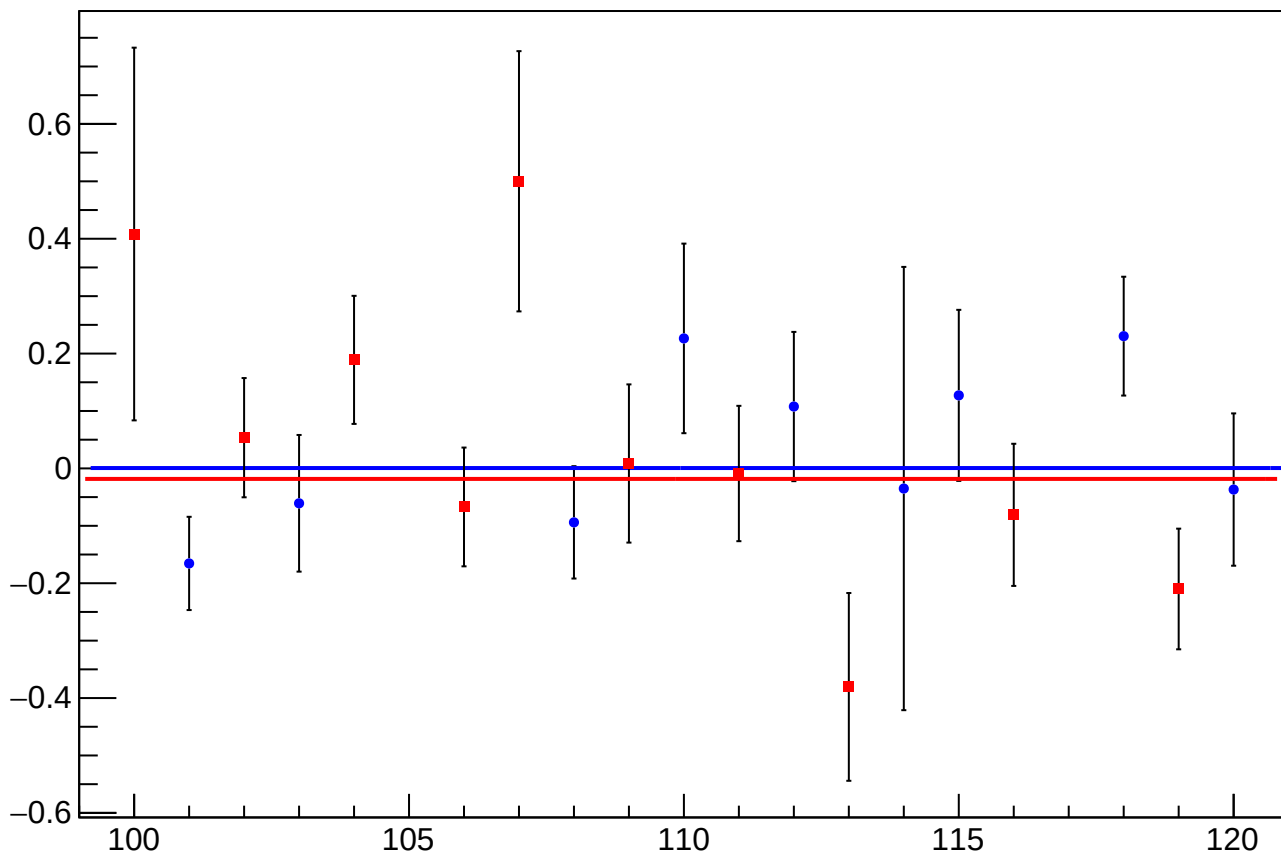
Right: 55.695+/-0.015 χ^2/NDF : 779868.1/18

In: 54.338+/-0.021 χ^2/NDF : 330899.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.695+/-0.015 χ^2/NDF : 779868.1/18

asym_us_avg_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.040 χ^2/NDF : 13.7/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

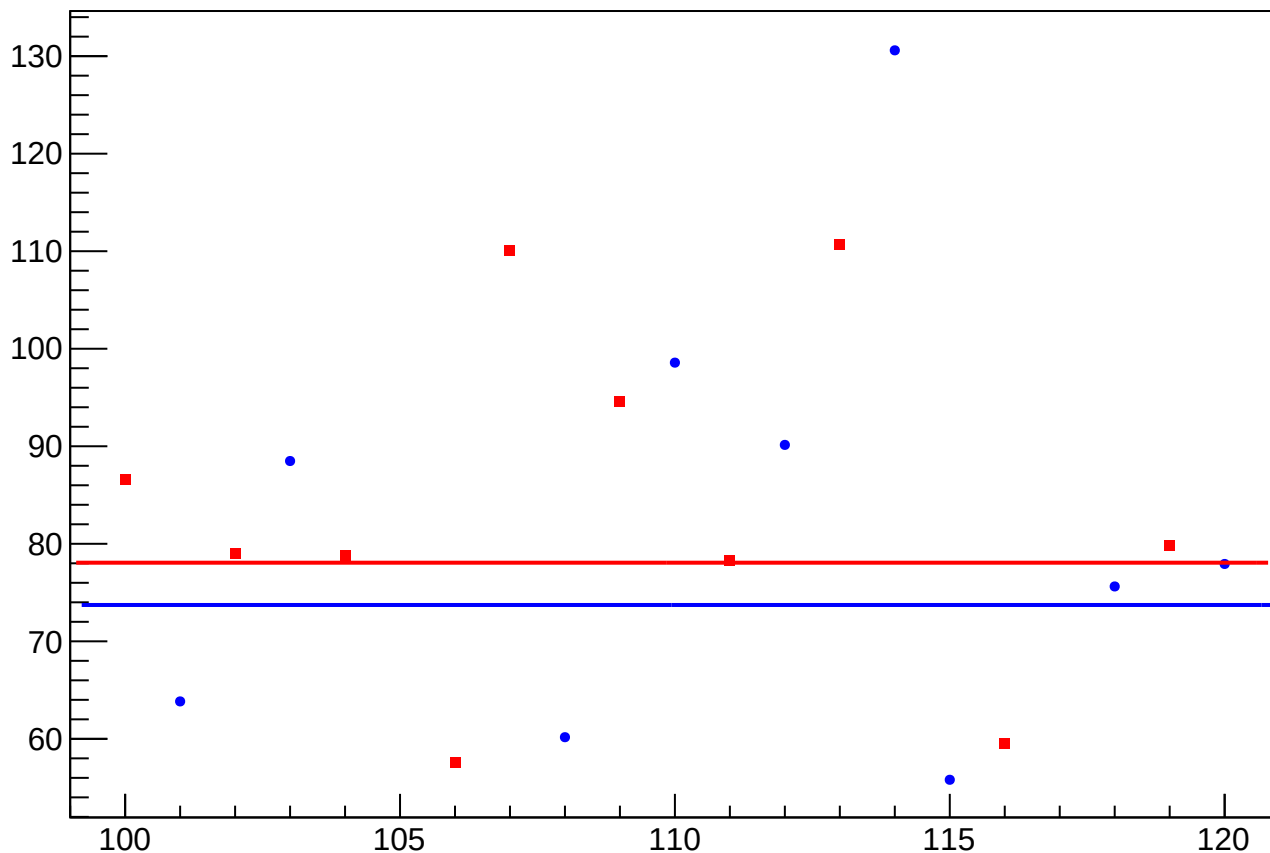
Right: -0.009+/-0.028 χ^2/NDF : 33.4/18

In: 0.001+/-0.040 χ^2/NDF : 13.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.028 χ^2/NDF : 33.4/18

asym_us_avg_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.727+/-0.028 χ^2/NDF : 251063.6/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

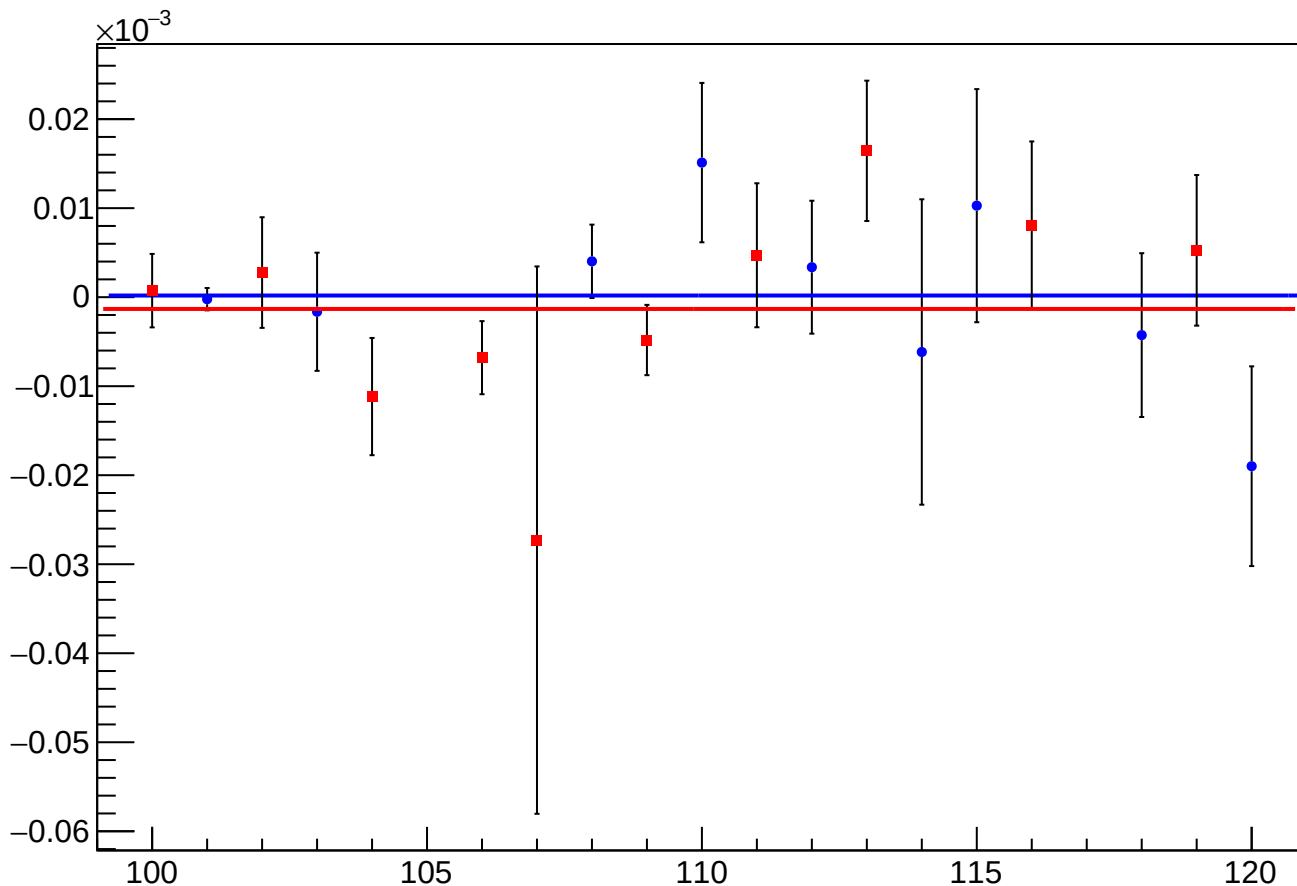
Right: 75.875+/-0.020 χ^2/NDF : 536365.4/18

In: 73.727+/-0.028 χ^2/NDF : 251063.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.875+/-0.020 χ^2/NDF : 536365.4/18

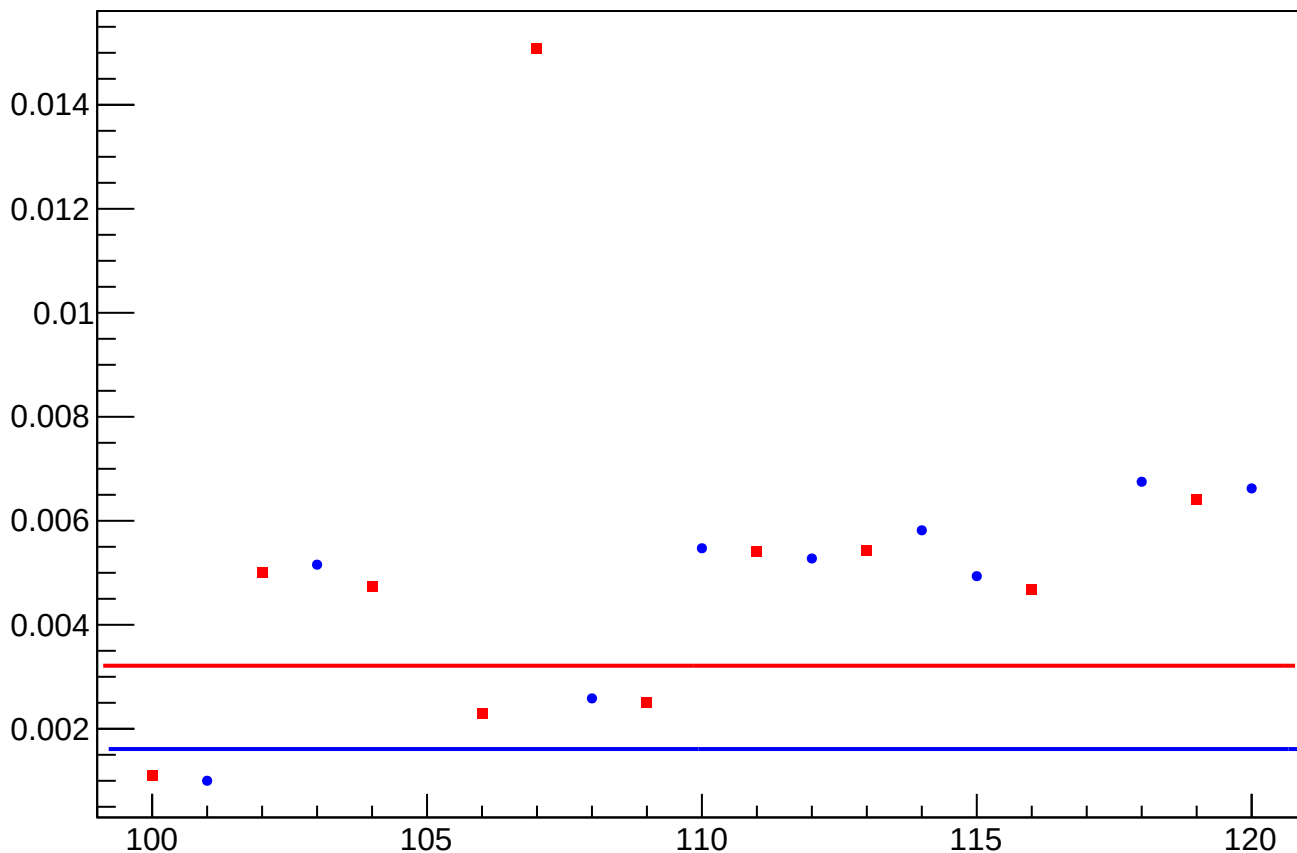
asym_us_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.9/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 13.4/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 21.8/18
 In: 0.000+/-0.000 χ^2/NDF : 7.9/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 21.8/18

asym_us_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 3279721.4/8

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

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

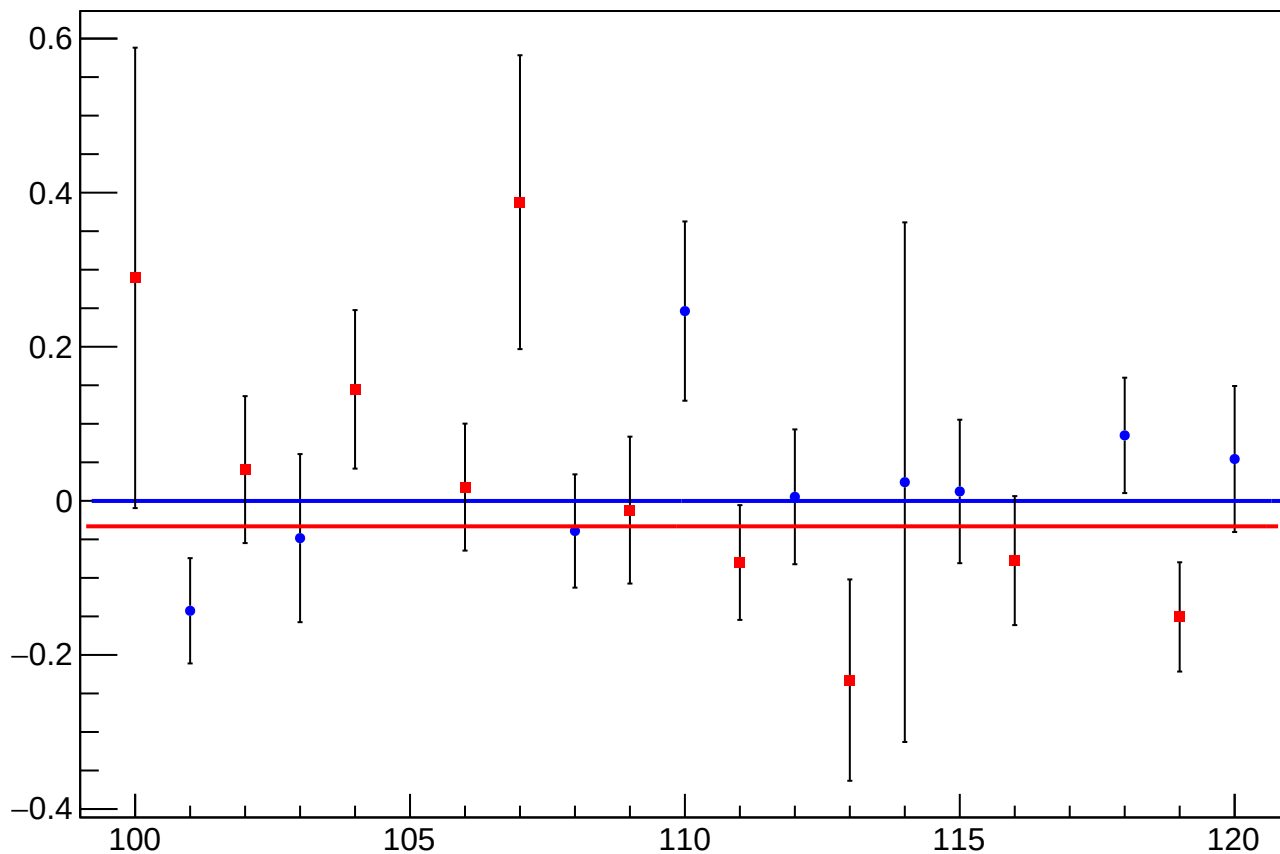
Right: 0.002+/-0.000 χ^2/NDF : 6254188.8/18

In: 0.002+/-0.000 χ^2/NDF :3279721.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6254188.8/18

asym_us_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.030 χ^2/NDF : 11.0/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

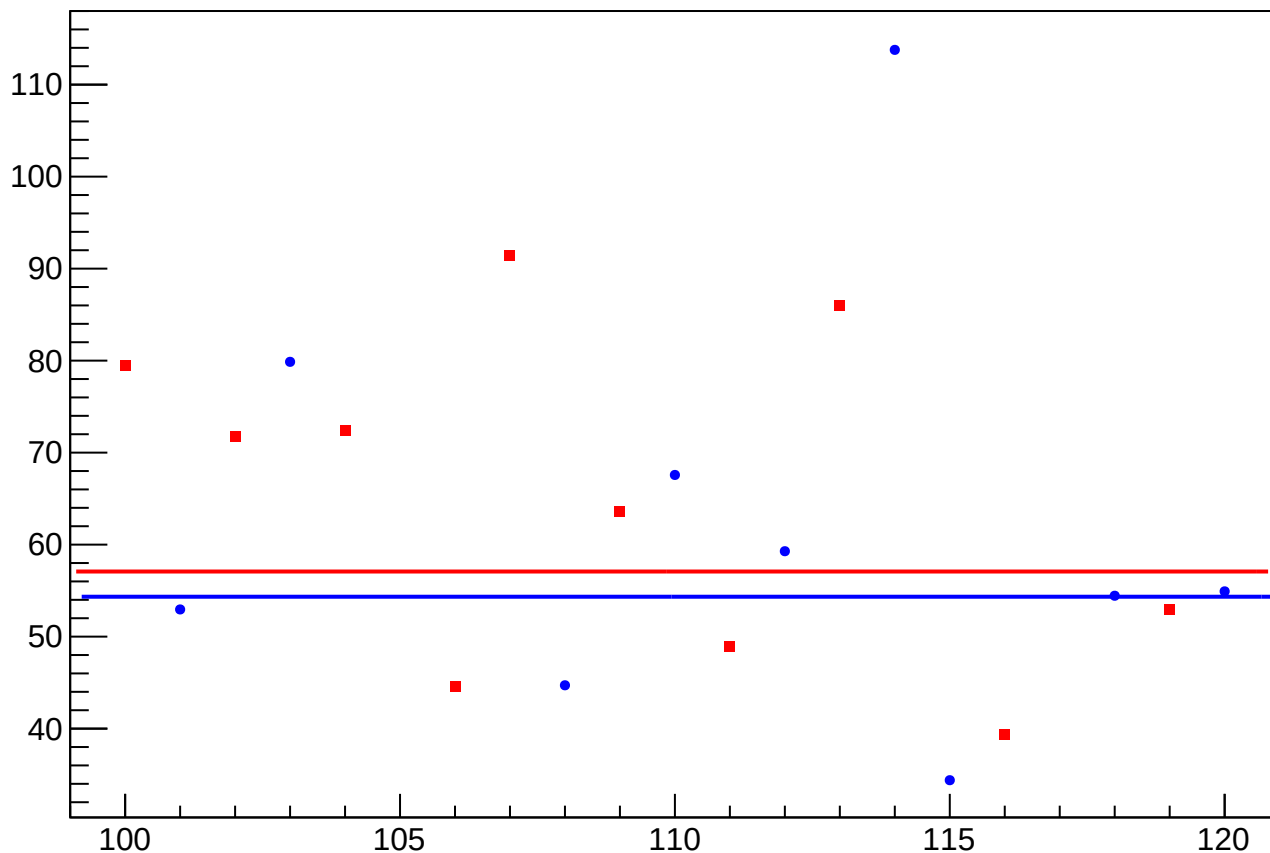
Right: -0.016+/-0.021 χ^2/NDF : 27.4/18

In: -0.000+/-0.030 χ^2/NDF : 11.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.021 χ^2/NDF : 27.4/18

asym_us_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.337+/-0.021 χ^2/NDF : 330925.8/8

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

Right Out: 57.077+/-0.022 χ^2/NDF : 440785.4/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

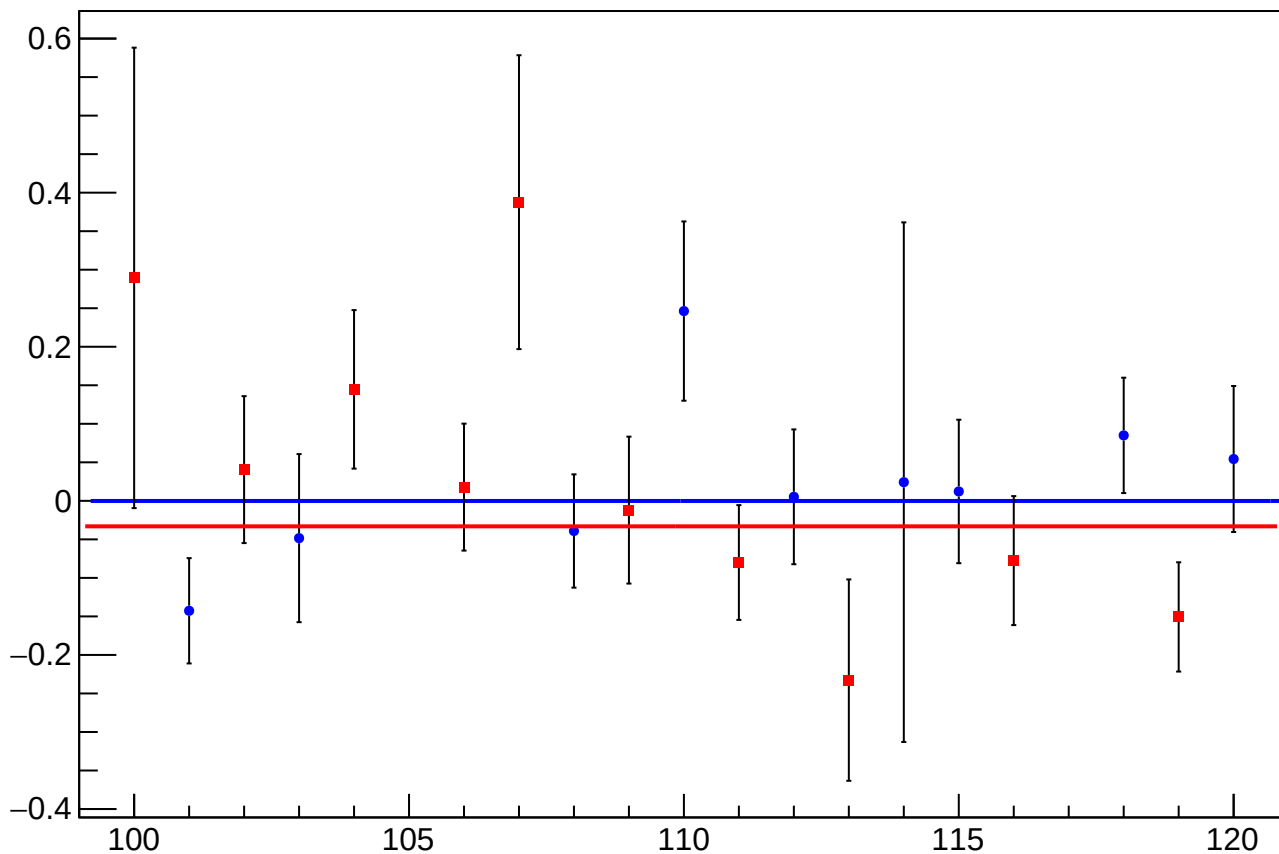
Right: 55.694+/-0.015 χ^2/NDF : 779902.5/18

In: 54.337+/-0.021 χ^2/NDF : 330925.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.694+/-0.015 χ^2/NDF : 779902.5/18

asym_us_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.030 χ^2/NDF : 11.0/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

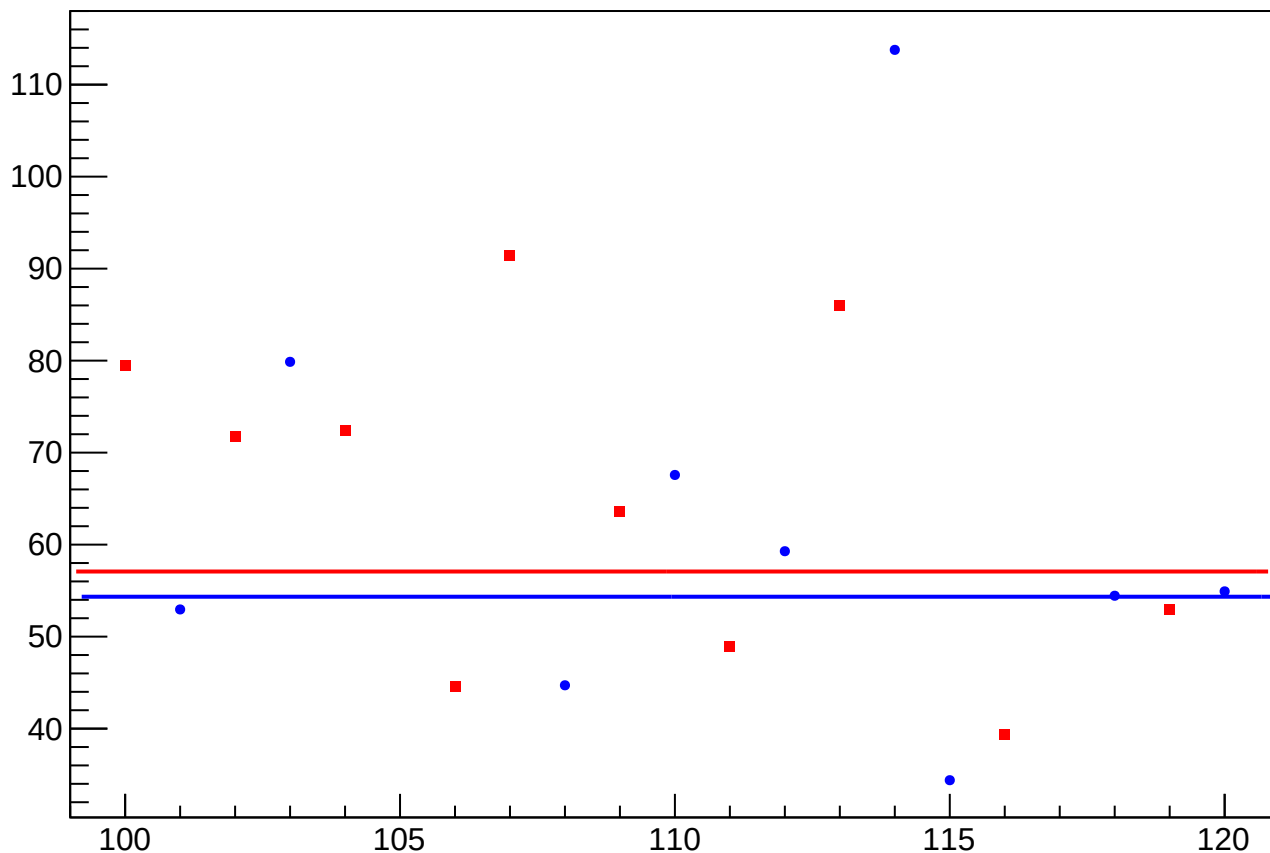
Right: -0.016+/-0.021 χ^2/NDF : 27.4/18

In: -0.000+/-0.030 χ^2/NDF : 11.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.021 χ^2/NDF : 27.4/18

asym_us_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.337+/-0.021 χ^2/NDF : 330925.8/8

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

Right Out: 57.077+/-0.022 χ^2/NDF : 440785.4/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

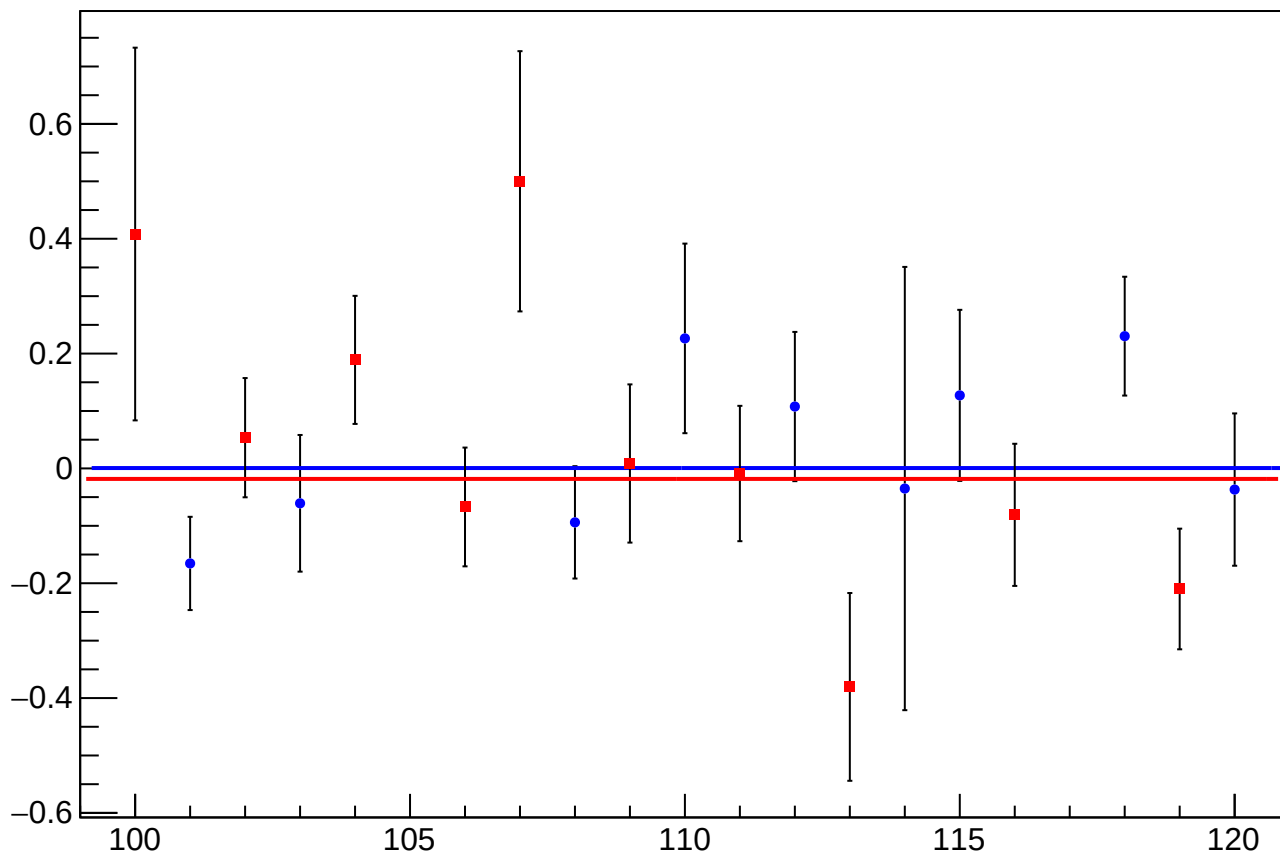
Right: 55.694+/-0.015 χ^2/NDF : 779902.5/18

In: 54.337+/-0.021 χ^2/NDF : 330925.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.694+/-0.015 χ^2/NDF : 779902.5/18

asym_us_avg_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.040 χ^2/NDF : 13.7/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

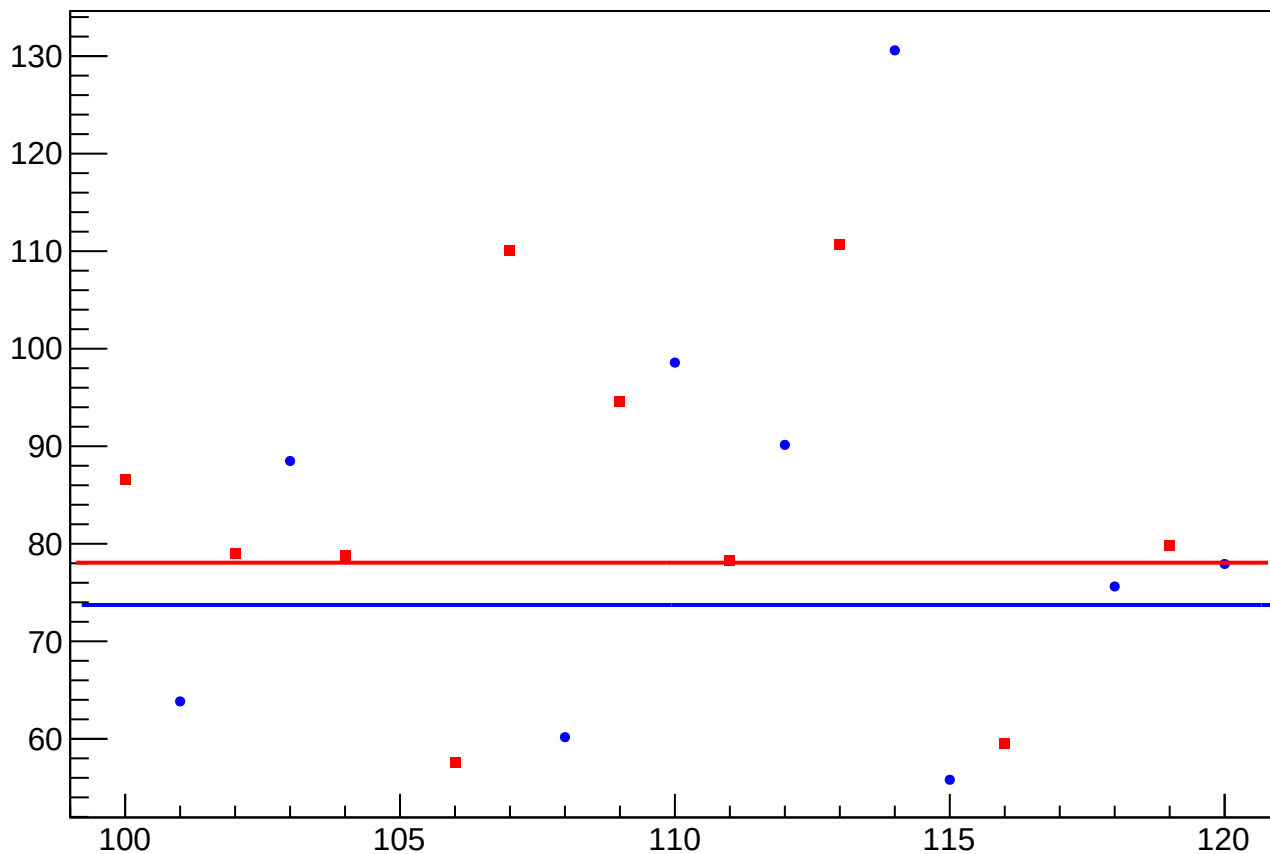
Right: -0.009+/-0.028 χ^2/NDF : 33.4/18

In: 0.001+/-0.040 χ^2/NDF : 13.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.028 χ^2/NDF : 33.4/18

asym_us_avg_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.726+/-0.028 χ^2/NDF : 251065.2/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

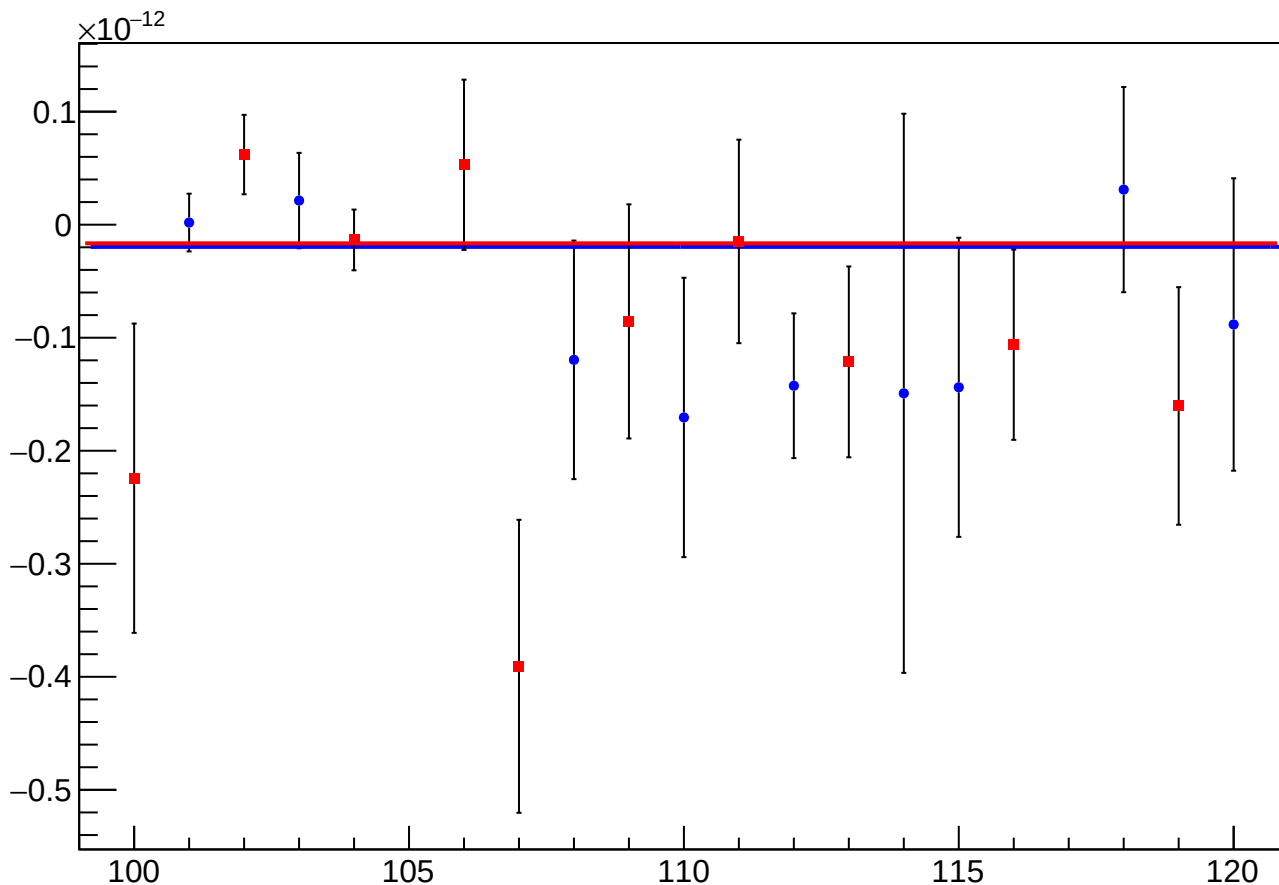
Right: 75.874+/-0.020 χ^2/NDF : 536358.6/18

In: 73.726+/-0.028 χ^2/NDF : 251065.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.874+/-0.020 χ^2/NDF : 536358.6/18

asym_us_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.5/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

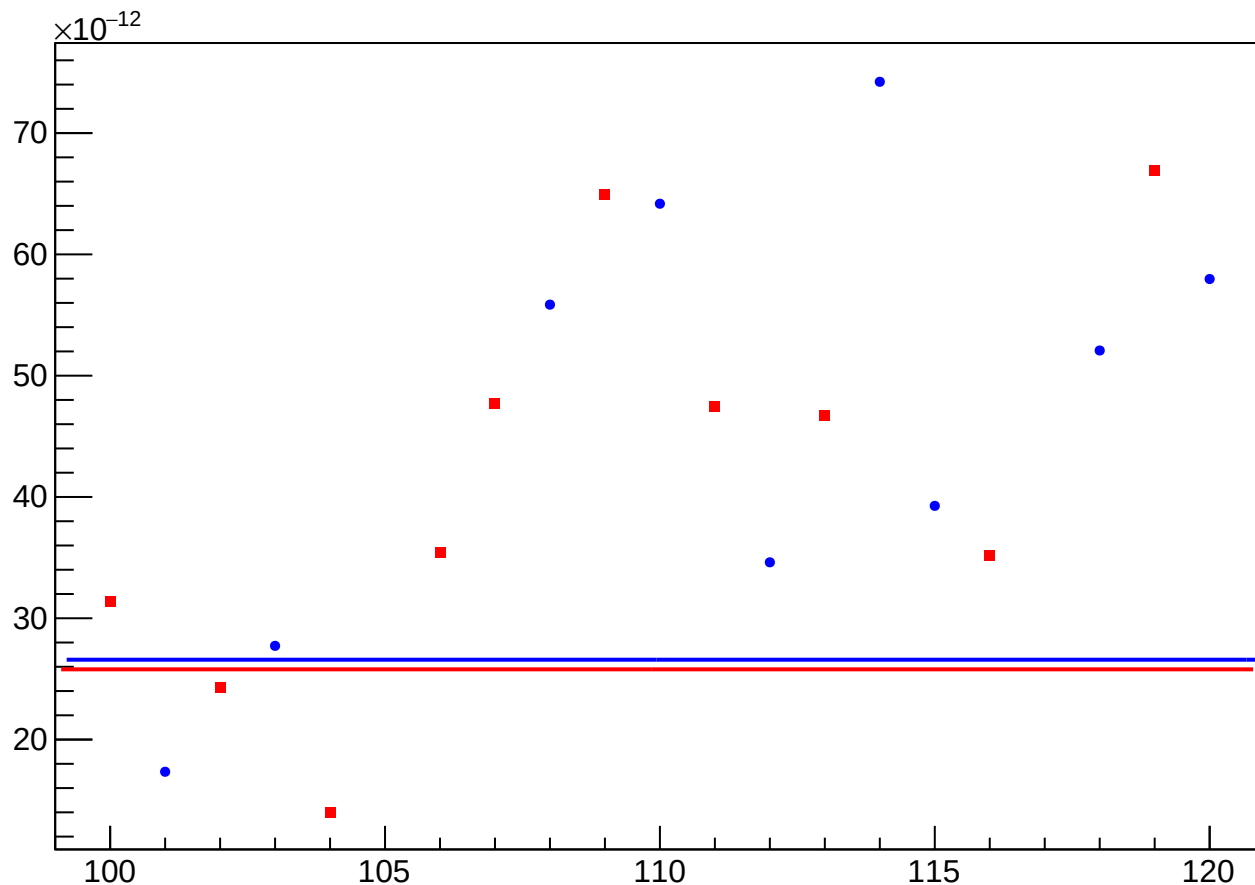
Right: -0.000+/-0.000 χ^2/NDF : 31.0/18

In: -0.000+/-0.000 χ^2/NDF : 9.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.0/18

asym_us_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1001457.1/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

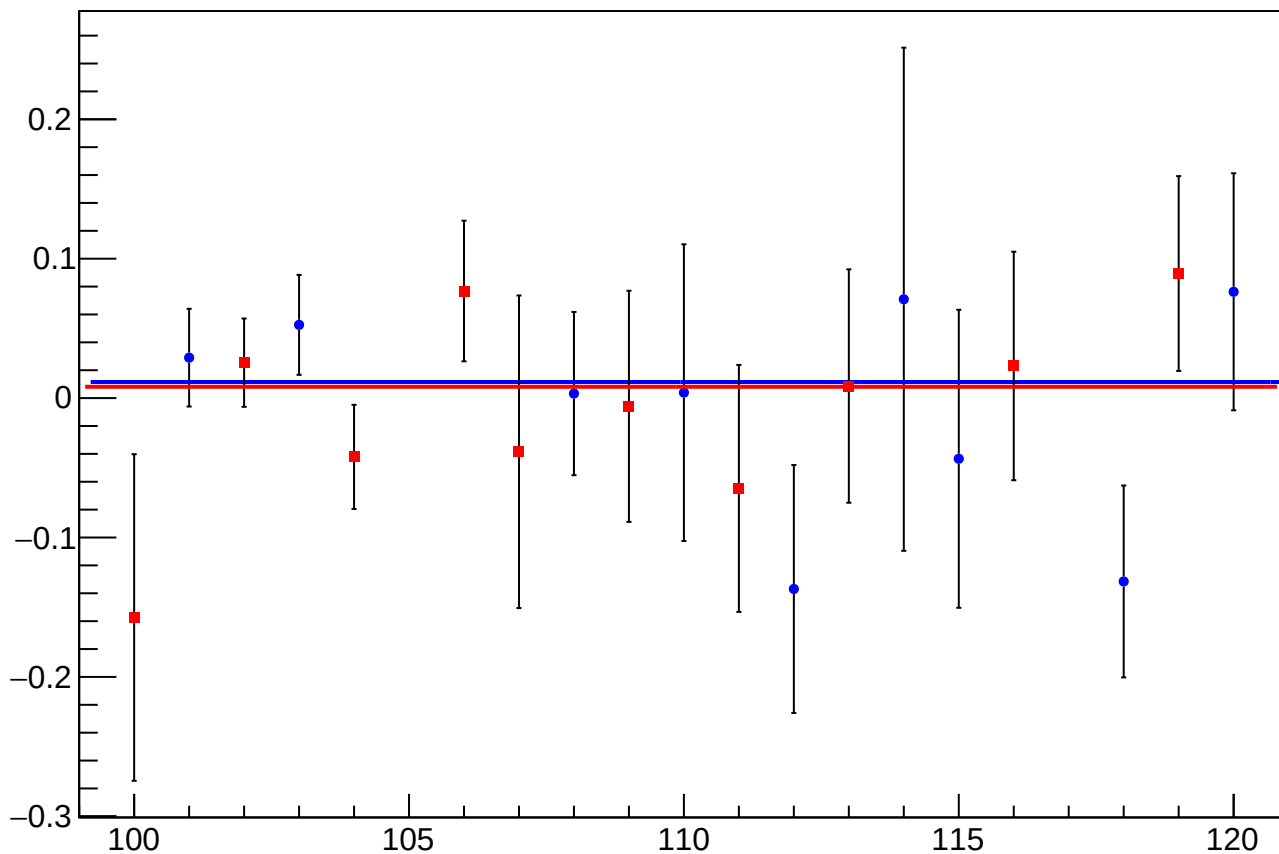
Right: 0.000+/-0.000 χ^2/NDF : 2342568.1/18

In: 0.000+/-0.000 χ^2/NDF : 1001457.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2342568.1/18

asym_us_avg_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012+/-0.020 χ^2/NDF : 9.6/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

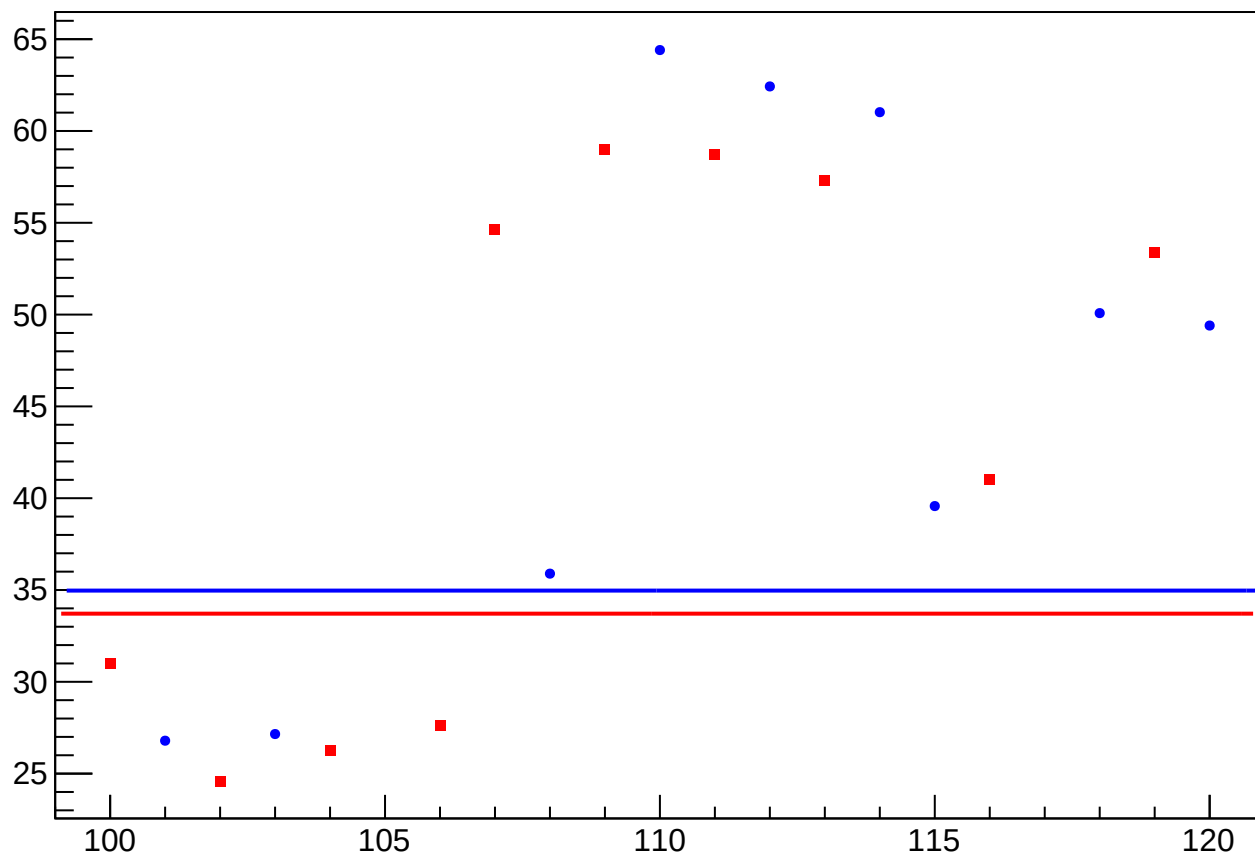
Right: 0.010+/-0.013 χ^2/NDF : 17.9/18

In: 0.012+/-0.020 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.013 χ^2/NDF : 17.9/18

asym_us_avg_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.968+/-0.014 χ^2/NDF : 747510.8/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

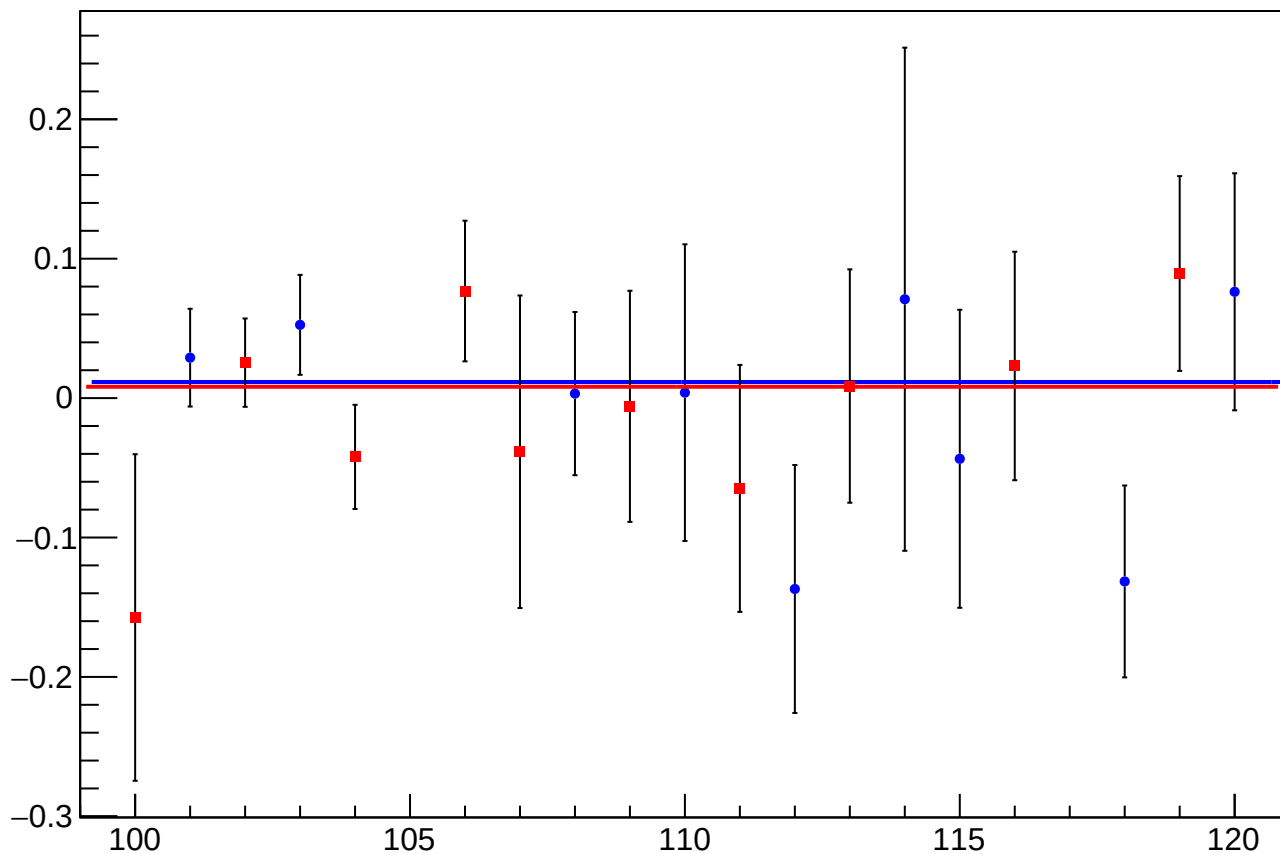
Right: 34.288+/-0.009 χ^2/NDF : 1776514.6/18

In: 34.968+/-0.014 χ^2/NDF : 747510.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.288+/-0.009 χ^2/NDF : 1776514.6/18

asym_us_avg_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012+/-0.020 χ^2/NDF : 9.6/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

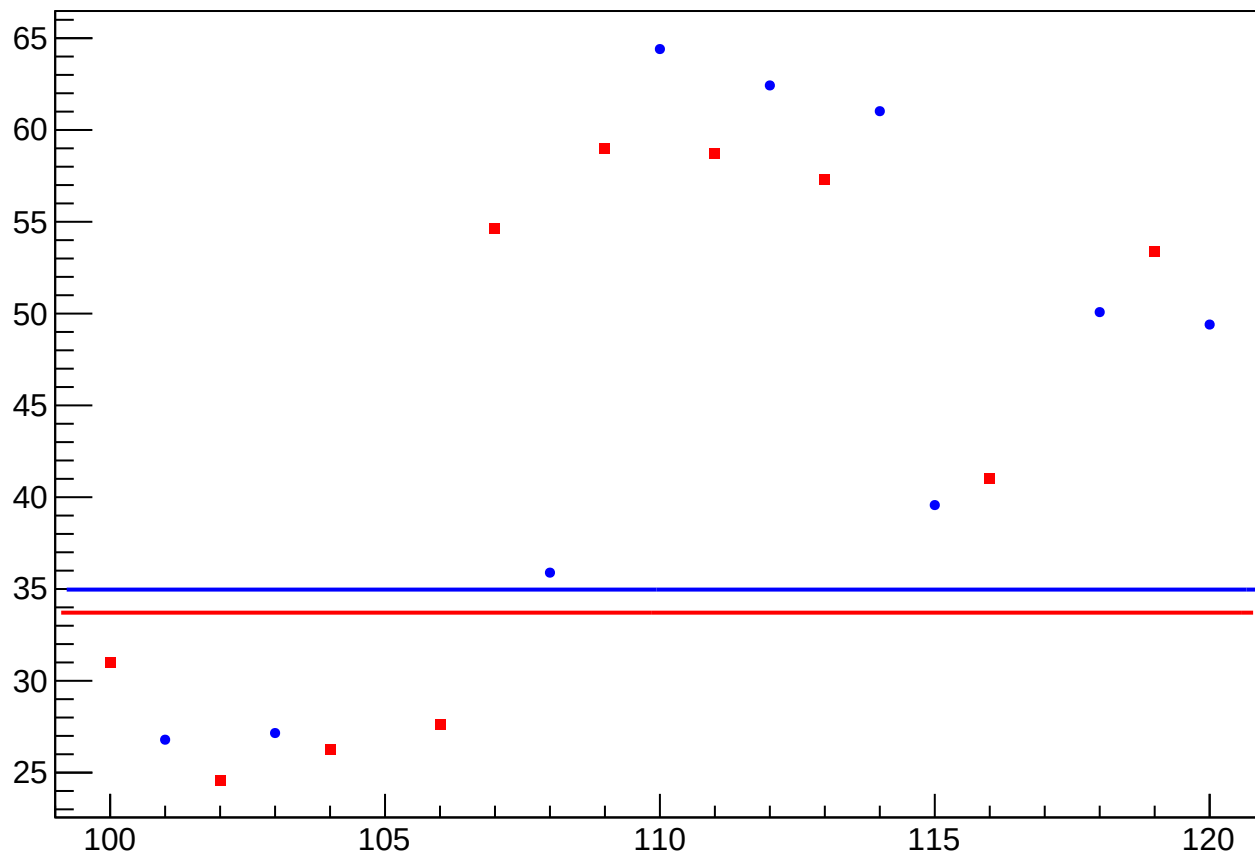
Right: 0.010+/-0.013 χ^2/NDF : 17.9/18

In: 0.012+/-0.020 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.013 χ^2/NDF : 17.9/18

asym_us_avg_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.968+/-0.014 χ^2/NDF : 747510.8/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

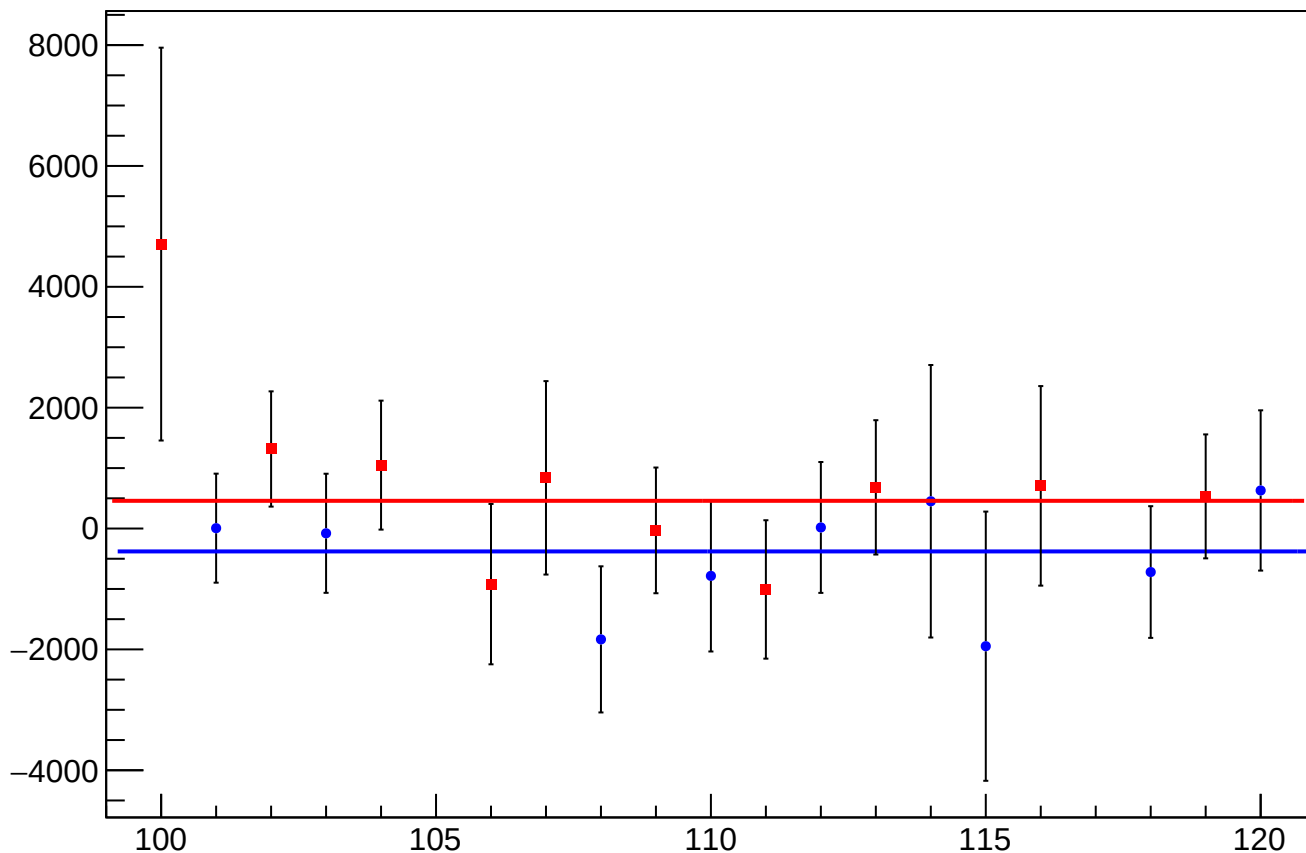
Right: 34.288+/-0.009 χ^2/NDF : 1776514.6/18

In: 34.968+/-0.014 χ^2/NDF : 747510.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.288+/-0.009 χ^2/NDF : 1776514.6/18

reg_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -378.871+/-400.203 χ^2/NDF : 3.3/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

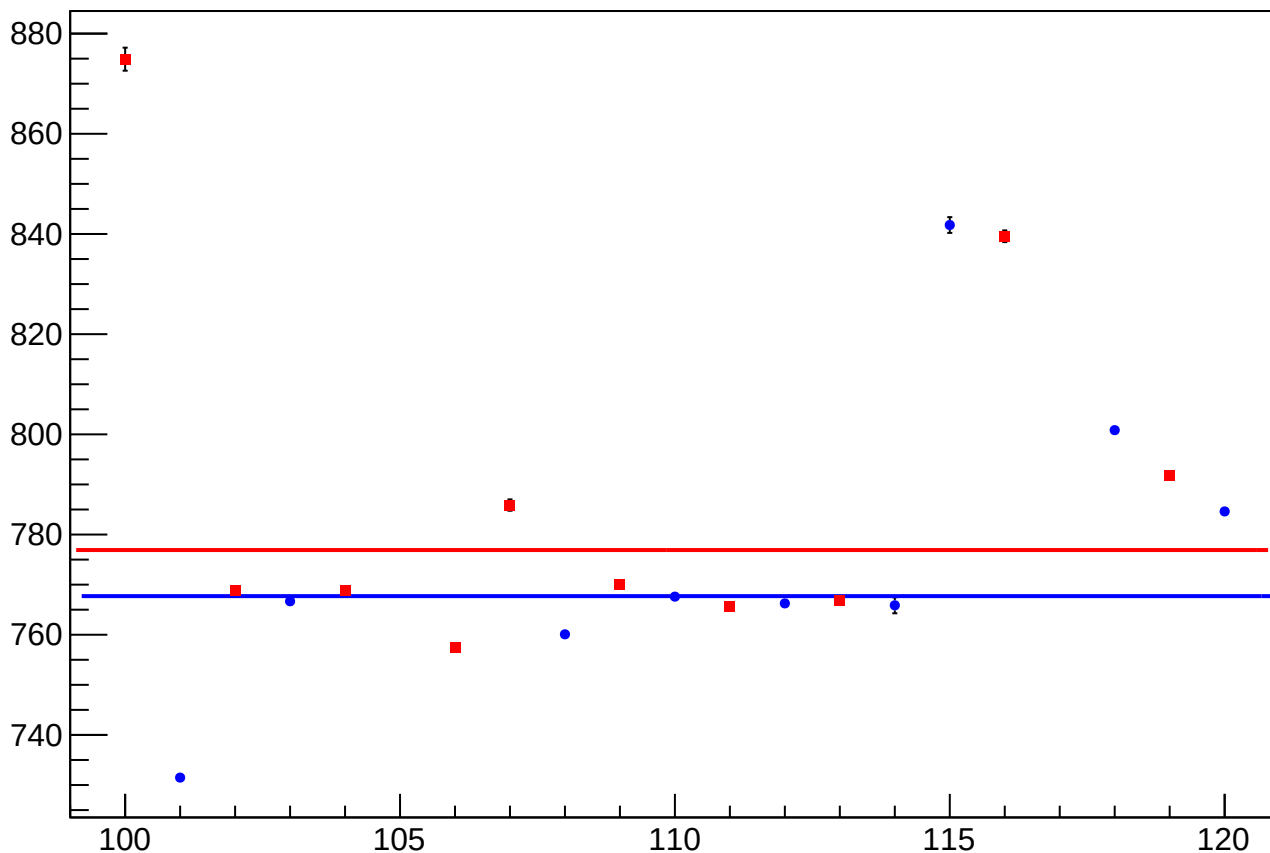
Right: 59.052+/-276.417 χ^2/NDF : 11.4/18

In: -378.871+/-400.203 χ^2/NDF : 3.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.052+/-276.417 χ^2/NDF : 11.4/18

reg_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 767.709+/-0.283 χ^2/NDF : 7698.5/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

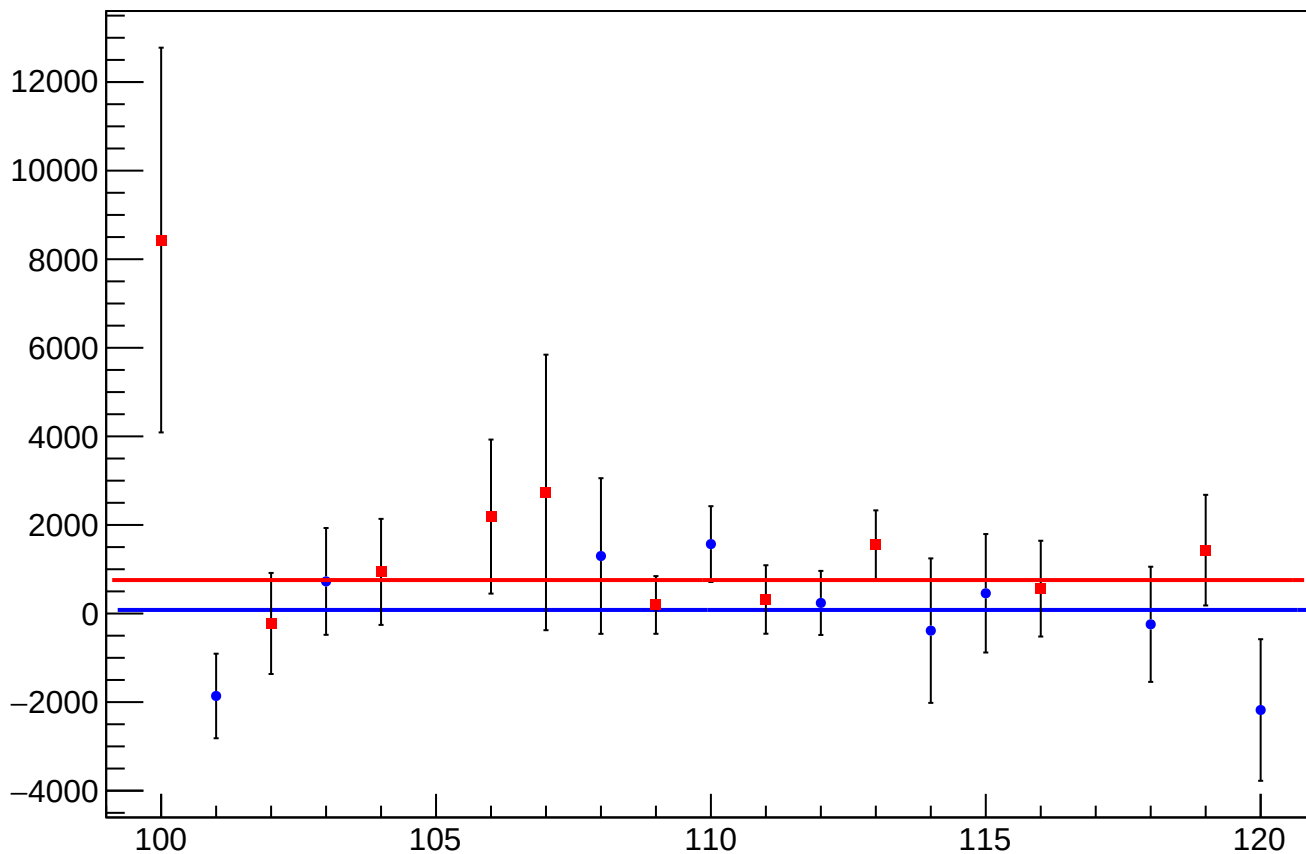
Right: 772.520+/-0.195 χ^2/NDF : 14560.1/18

In: 767.709+/-0.283 χ^2/NDF : 7698.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 772.520+/-0.195 χ^2/NDF : 14560.1/18

asym_us_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 81.149+/-369.948 χ^2/NDF : 10.2/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

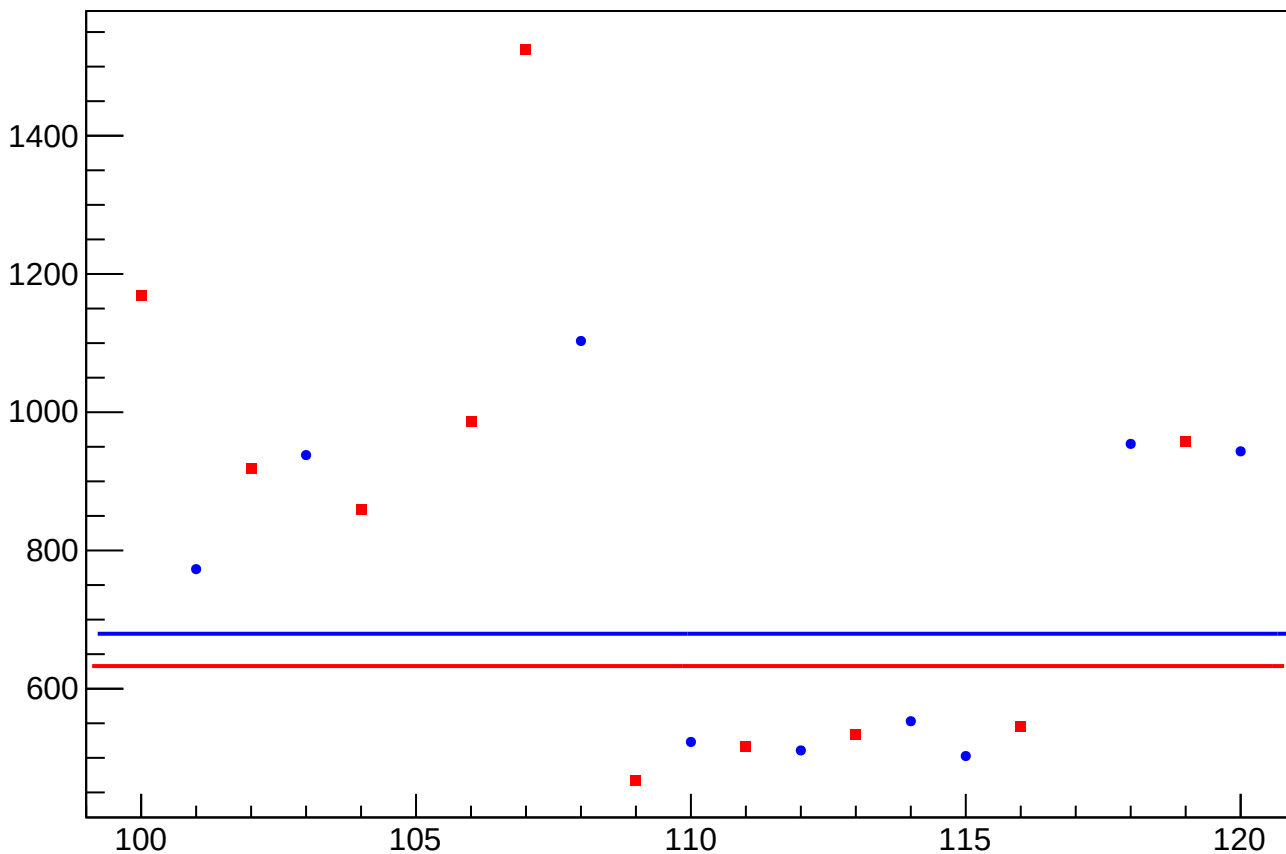
Right: 456.081+/-246.567 χ^2/NDF : 19.5/18

In: 81.149+/-369.948 χ^2/NDF : 10.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 456.081+/-246.567 χ^2/NDF : 19.5/18

asym_us_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 679.546+/-0.262 χ^2/NDF : 594058.7/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

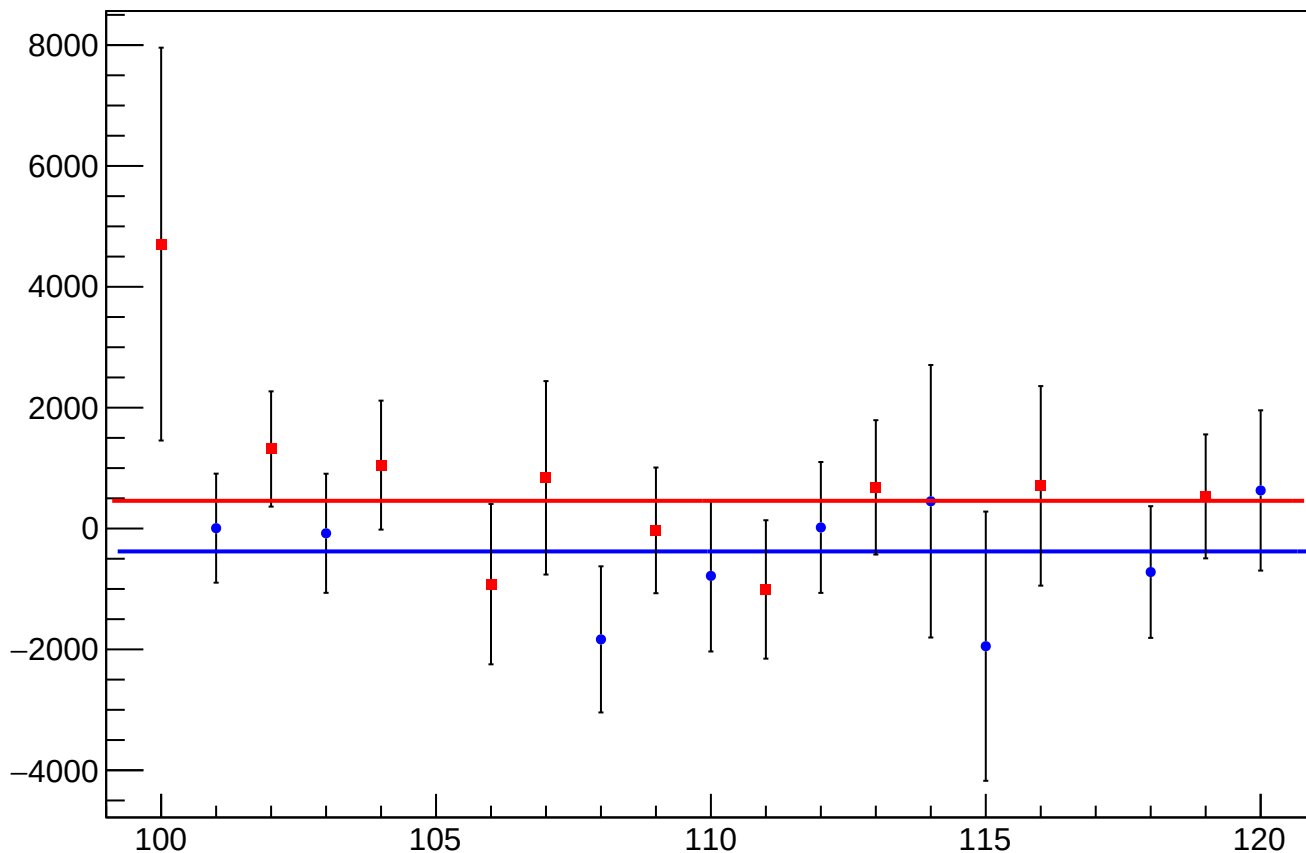
Right: 653.558+/-0.174 χ^2/NDF : 1443217.5/18

In: 679.546+/-0.262 χ^2/NDF : 594058.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 653.558+/-0.174 χ^2/NDF : 1443217.5/18

cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -378.871+/-400.203 χ^2/NDF : 3.3/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

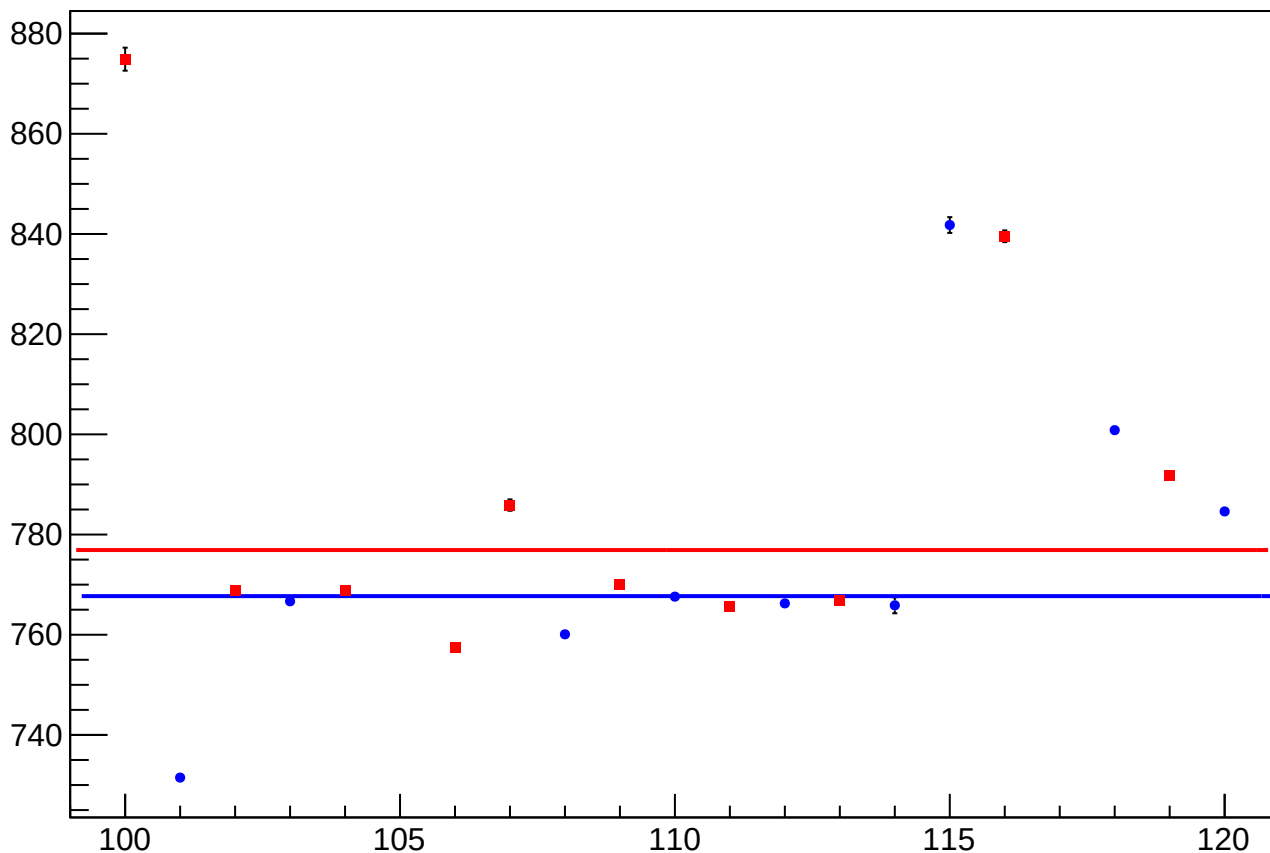
Right: 59.052+/-276.417 χ^2/NDF : 11.4/18

In: -378.871+/-400.203 χ^2/NDF : 3.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.052+/-276.417 χ^2/NDF : 11.4/18

cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 767.709+/-0.283 χ^2/NDF : 7698.5/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

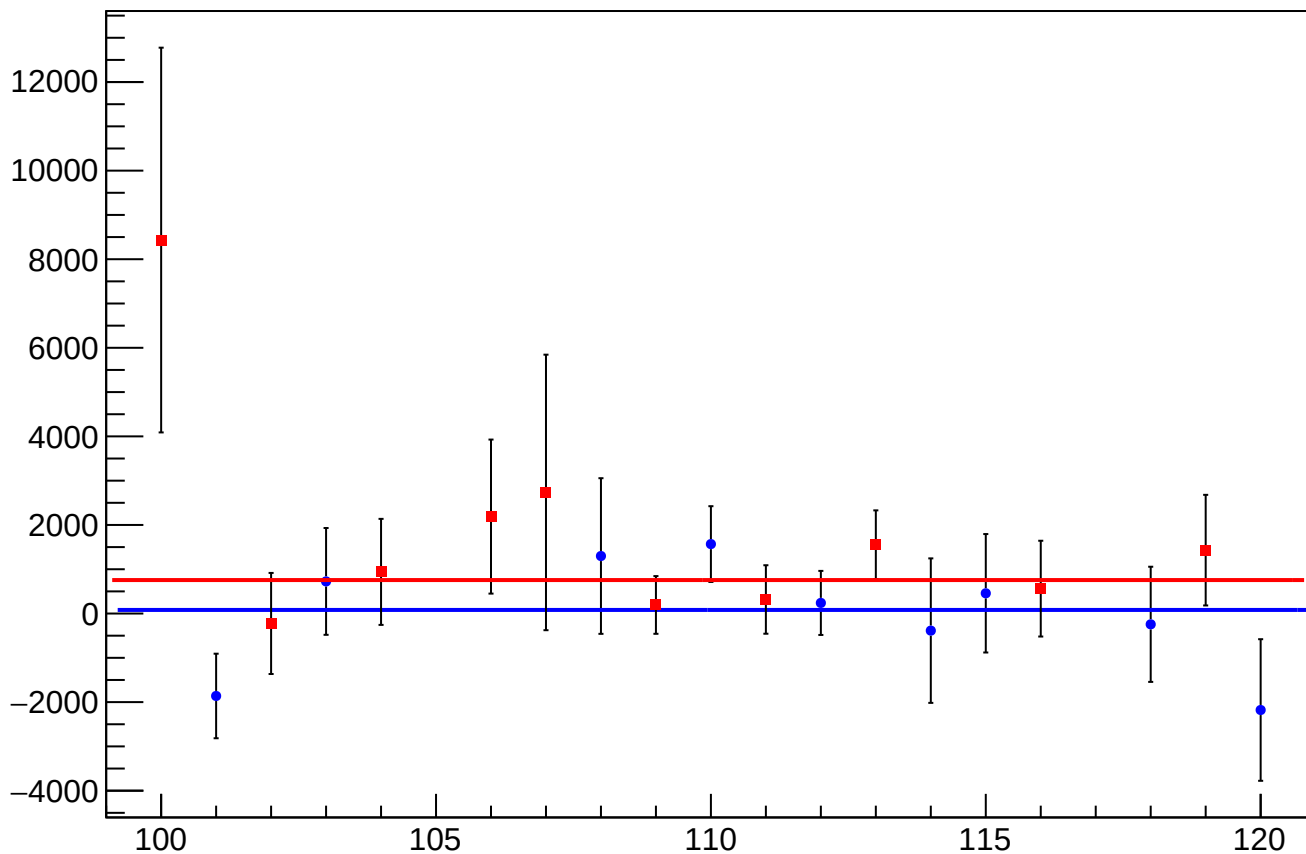
Right: 772.520+/-0.195 χ^2/NDF : 14560.1/18

In: 767.709+/-0.283 χ^2/NDF : 7698.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 772.520+/-0.195 χ^2/NDF : 14560.1/18

asym_us_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 81.149+/-369.948 χ^2/NDF : 10.2/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

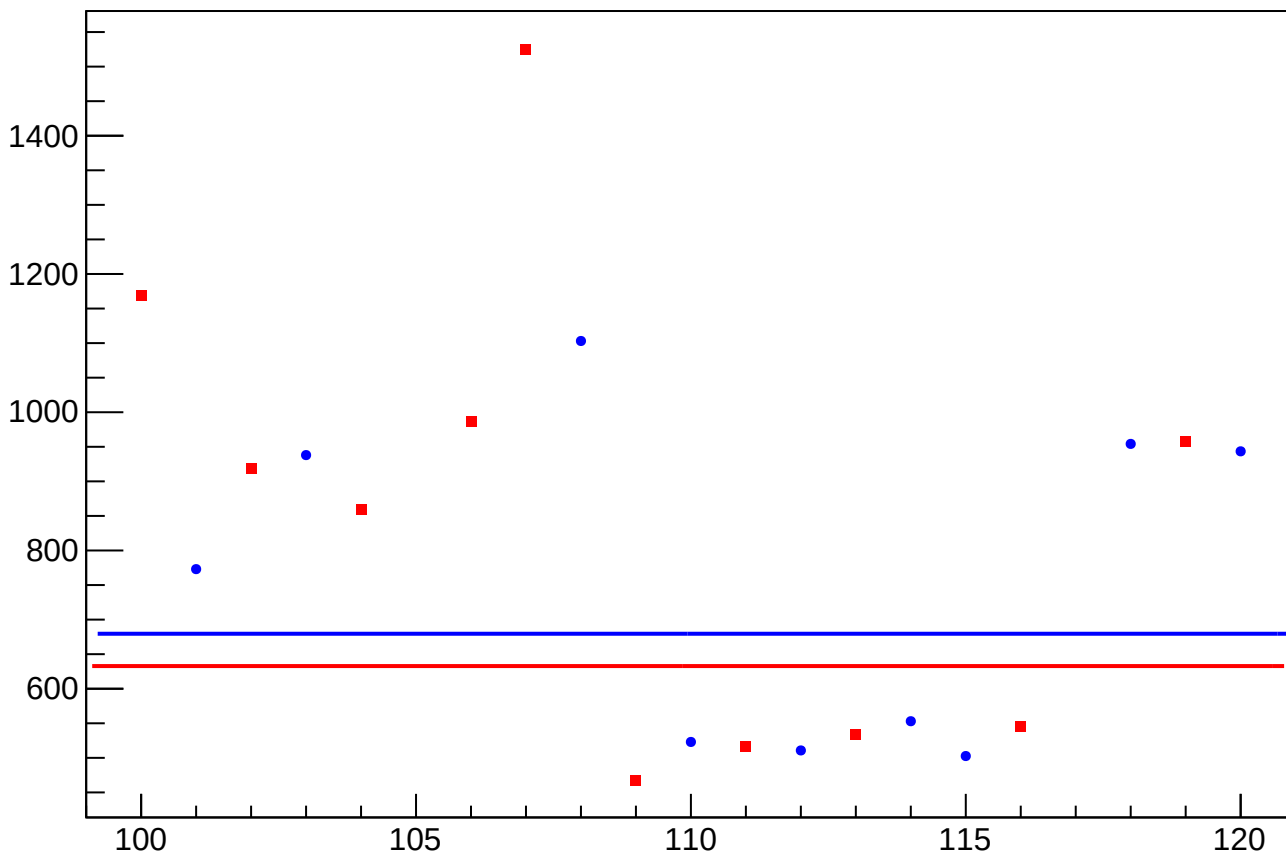
Right: 456.081+/-246.567 χ^2/NDF : 19.5/18

In: 81.149+/-369.948 χ^2/NDF : 10.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 456.081+/-246.567 χ^2/NDF : 19.5/18

asym_us_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 679.546+/-0.262 χ^2/NDF : 594058.7/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

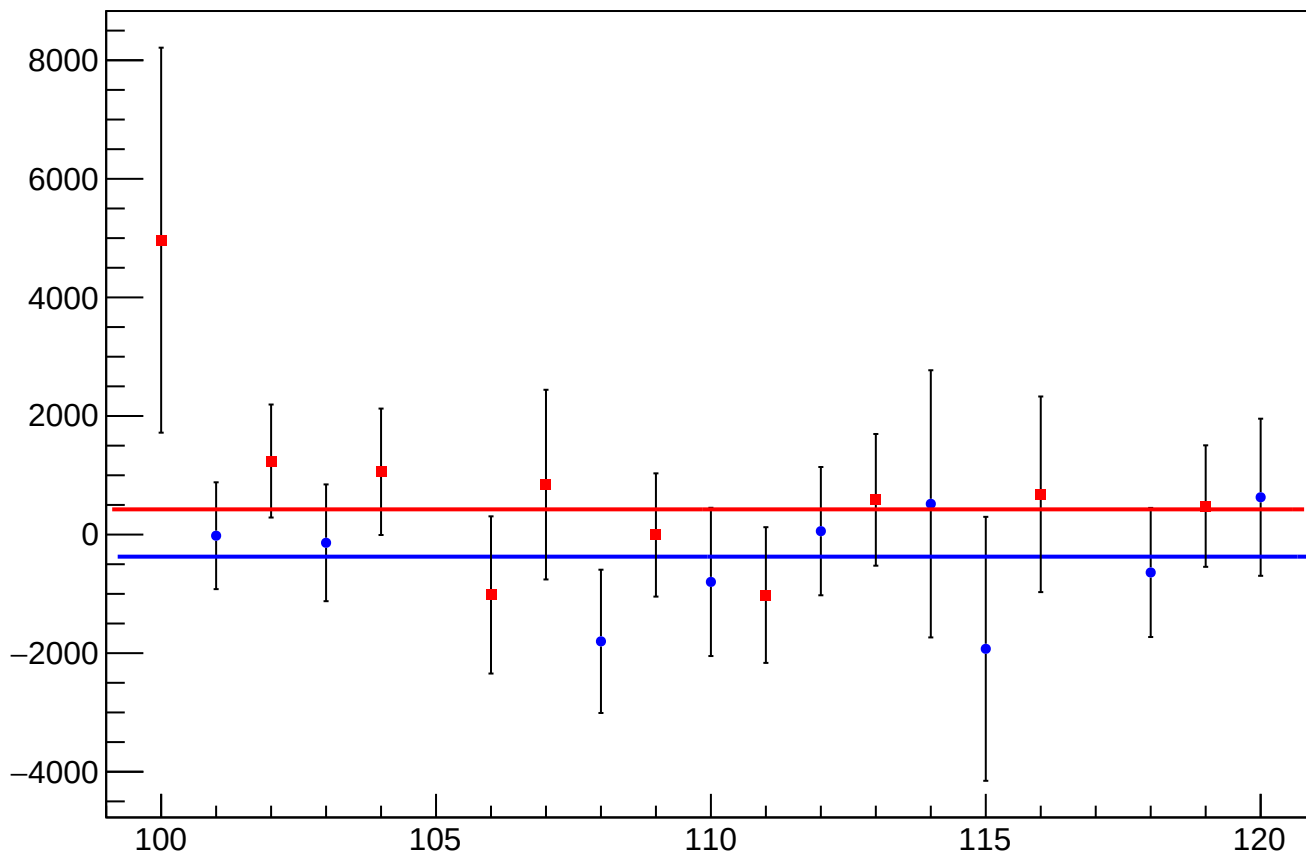
Right: 653.558+/-0.174 χ^2/NDF : 1443217.5/18

In: 679.546+/-0.262 χ^2/NDF : 594058.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 653.558+/-0.174 χ^2/NDF : 1443217.5/18

overload_cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -372.355+/-399.836 χ^2/NDF : 3.2/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

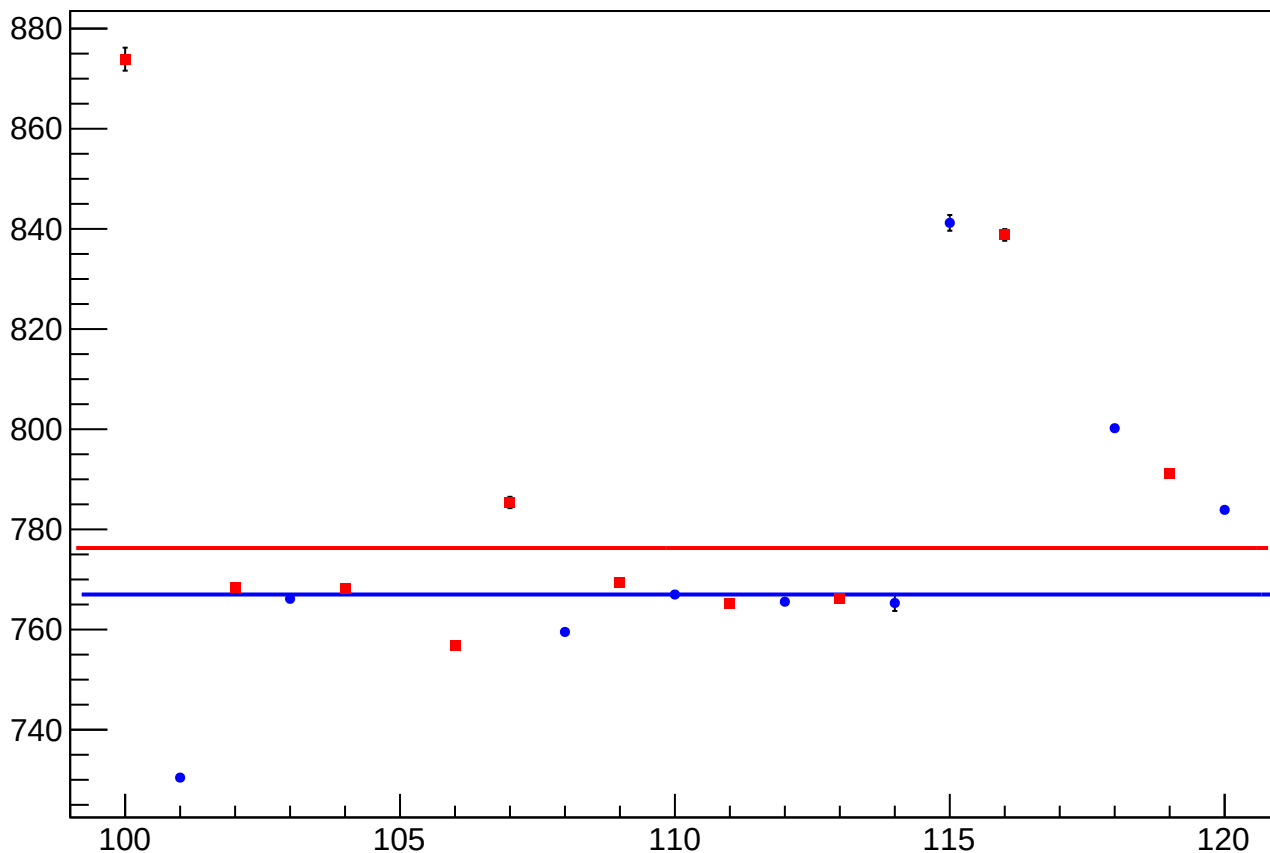
Right: 44.768+/-276.179 χ^2/NDF : 11.3/18

In: -372.355+/-399.836 χ^2/NDF : 3.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.768+/-276.179 χ^2/NDF : 11.3/18

overload_cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 766.999 $\pm$ 0.283 χ^2 /NDF: 7786.7/8

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

Right Out: 776.282 $\pm$ 0.270 χ^2 /NDF: 6291.8/9

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

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

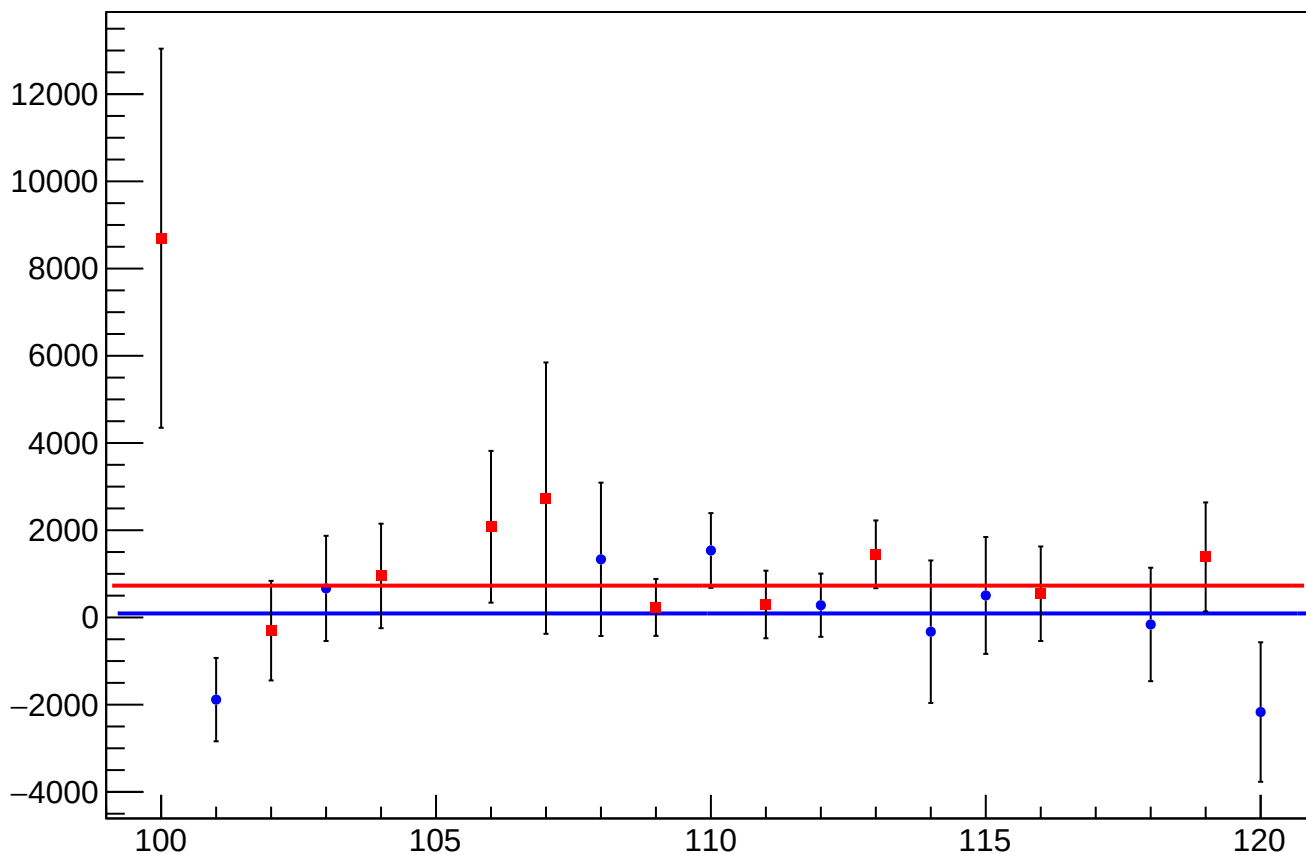
Right: 771.853 $\pm$ 0.195 χ^2 /NDF: 14642.2/18

In: 766.999 $\pm$ 0.283 χ^2 /NDF:7786.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 771.853 $\pm$ 0.195 χ^2 /NDF: 14642.2/18

asym_us_dd_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 91.907+/-370.475 χ^2/NDF : 10.1/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

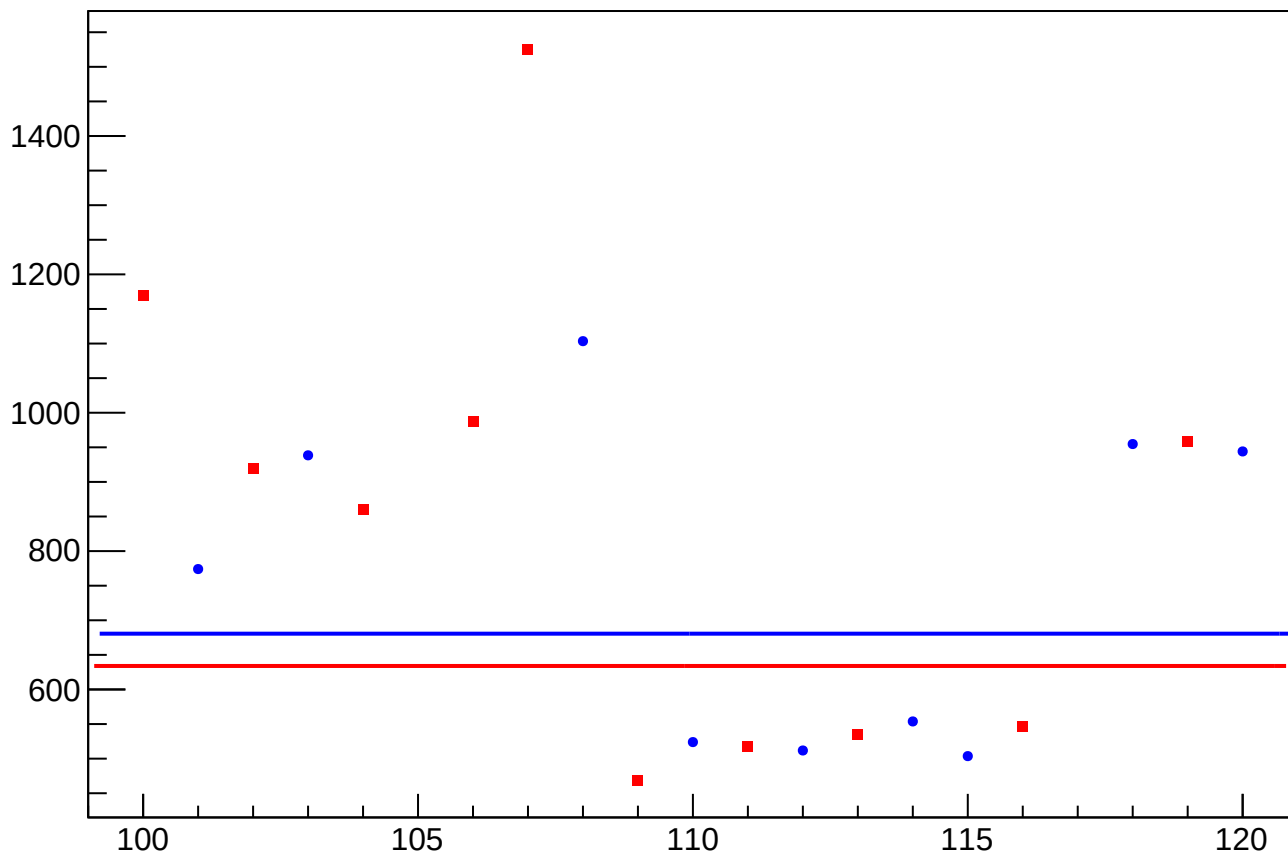
Right: 446.382+/-246.943 χ^2/NDF : 19.0/18

In: 91.907+/-370.475 χ^2/NDF : 10.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 446.382+/-246.943 χ^2/NDF : 19.0/18

asym_us_dd_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 680.640+/-0.262 χ^2/NDF : 591664.8/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

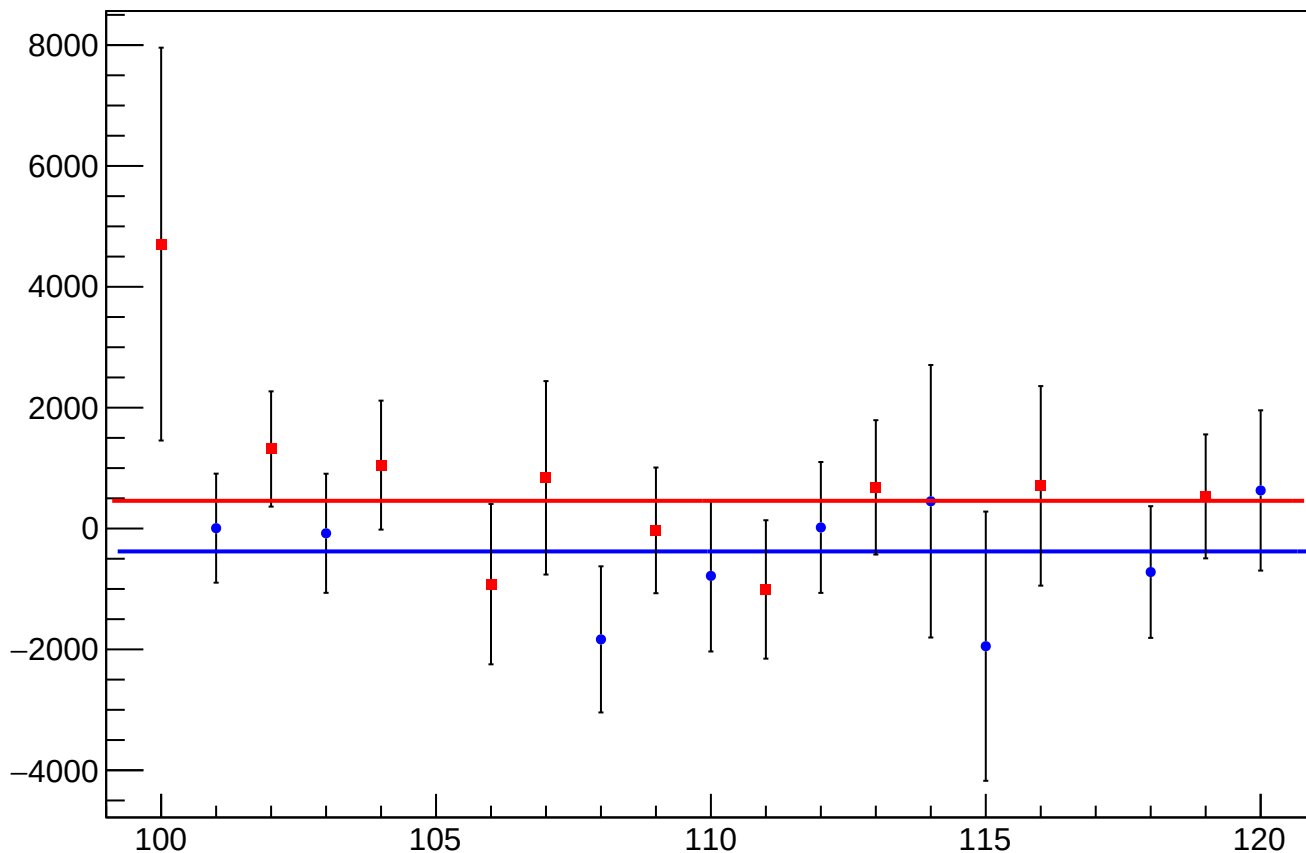
Right: 654.702+/-0.175 χ^2/NDF : 1437433.9/18

In: 680.640+/-0.262 χ^2/NDF : 591664.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 654.702+/-0.175 χ^2/NDF : 1437433.9/18

eigen_cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -378.871+/-400.203 χ^2/NDF : 3.3/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

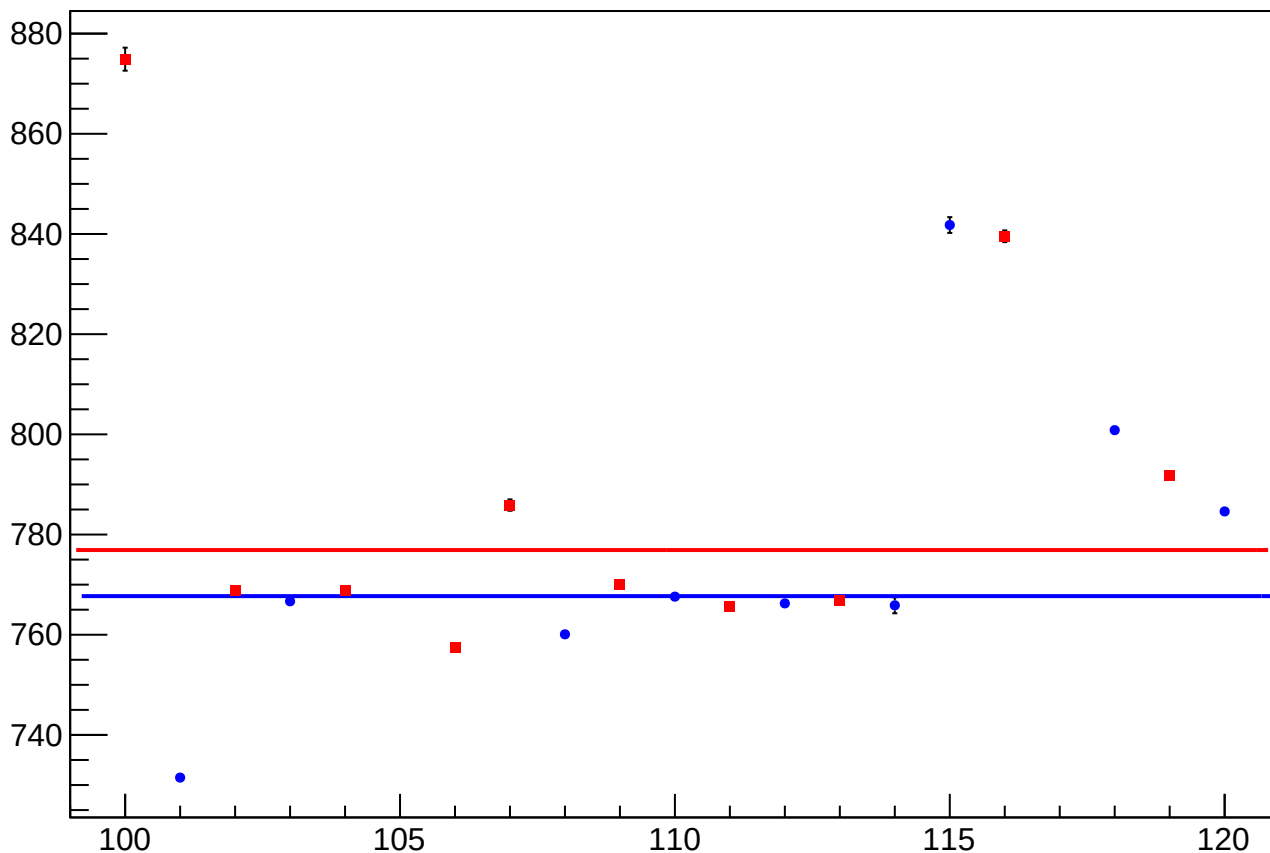
Right: 59.052+/-276.417 χ^2/NDF : 11.4/18

In: -378.871+/-400.203 χ^2/NDF : 3.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.052+/-276.417 χ^2/NDF : 11.4/18

eigen_cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 767.709+/-0.283 χ^2/NDF : 7698.5/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

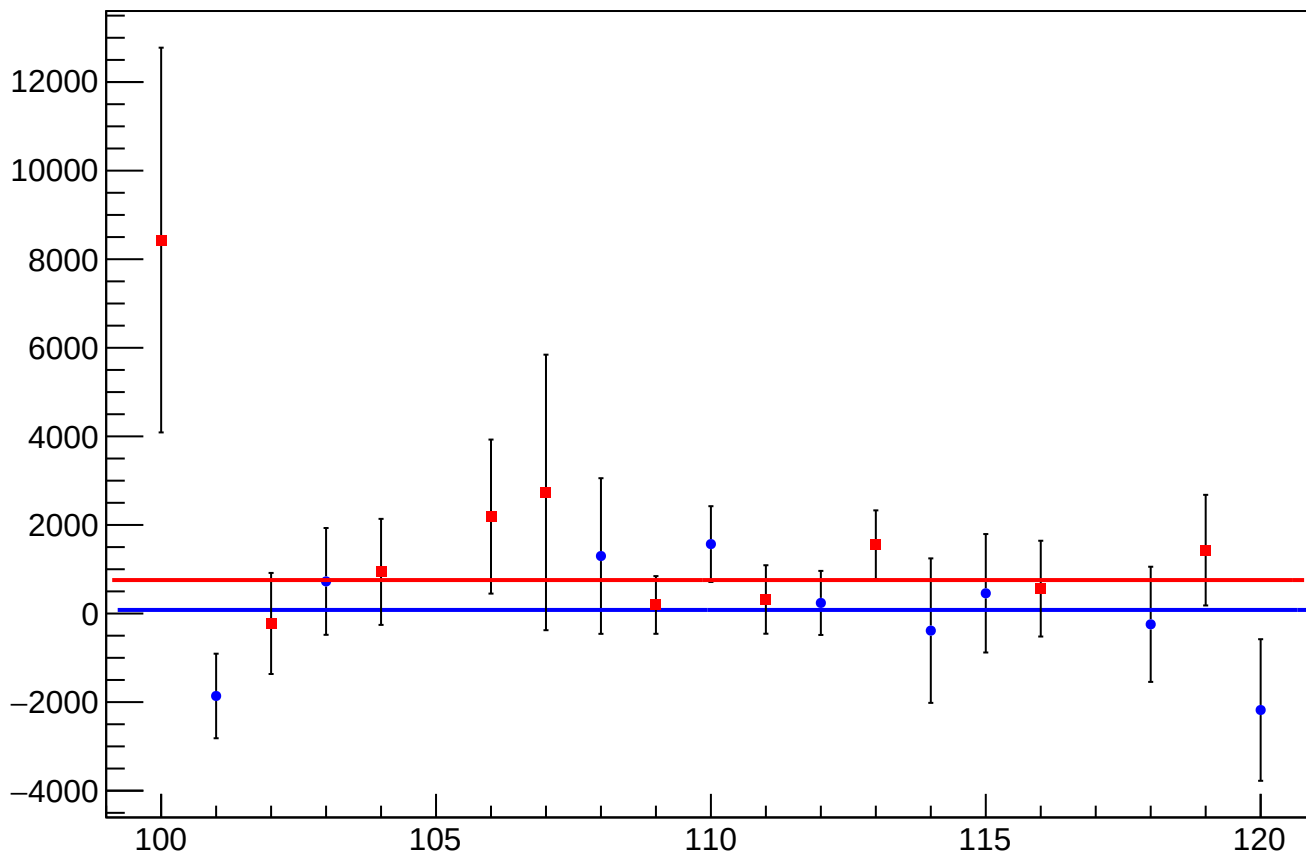
Right: 772.520+/-0.195 χ^2/NDF : 14560.1/18

In: 767.709+/-0.283 χ^2/NDF : 7698.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 772.520+/-0.195 χ^2/NDF : 14560.1/18

asym_us_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 81.149+/-369.948 χ^2/NDF : 10.2/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

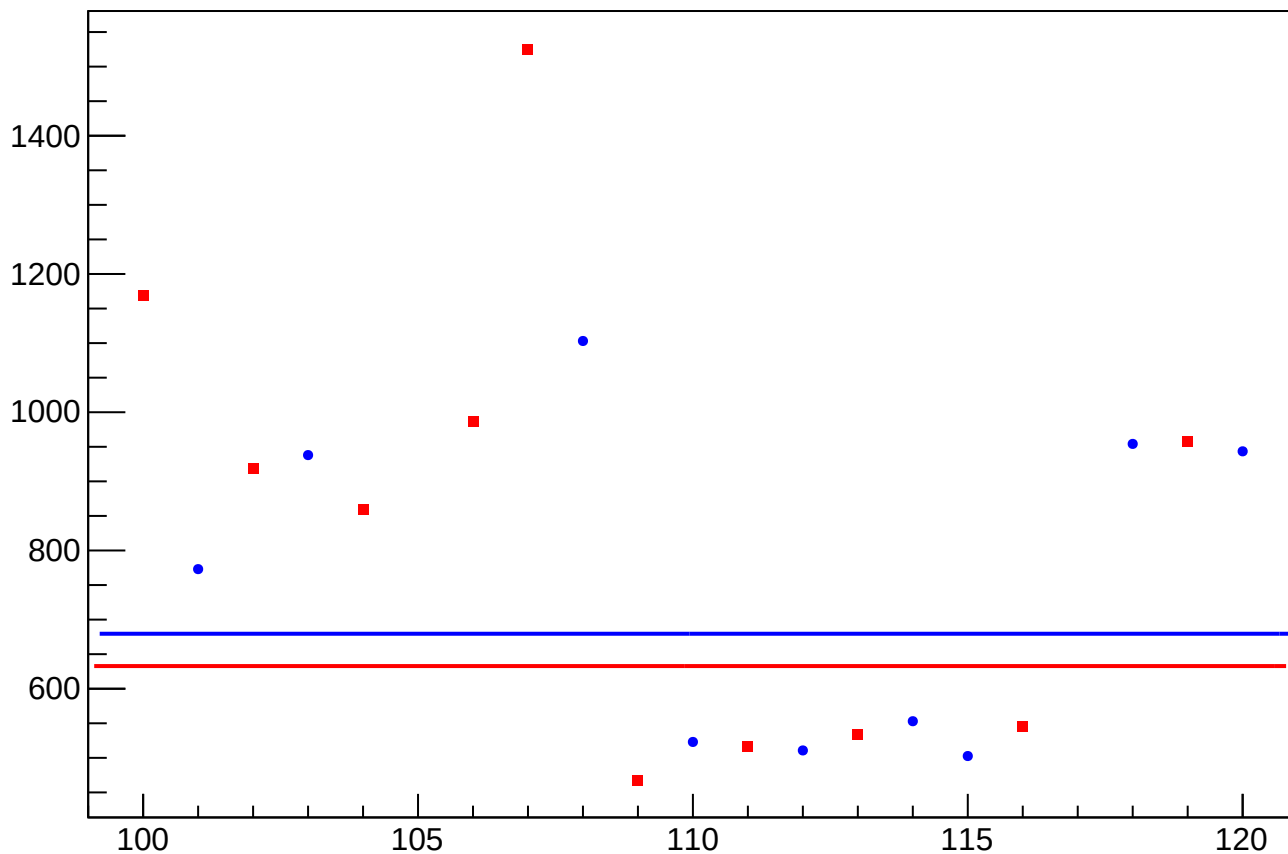
Right: 456.081+/-246.567 χ^2/NDF : 19.5/18

In: 81.149+/-369.948 χ^2/NDF : 10.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 456.081+/-246.567 χ^2/NDF : 19.5/18

asym_us_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 679.546+/-0.262 χ^2/NDF : 594058.7/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

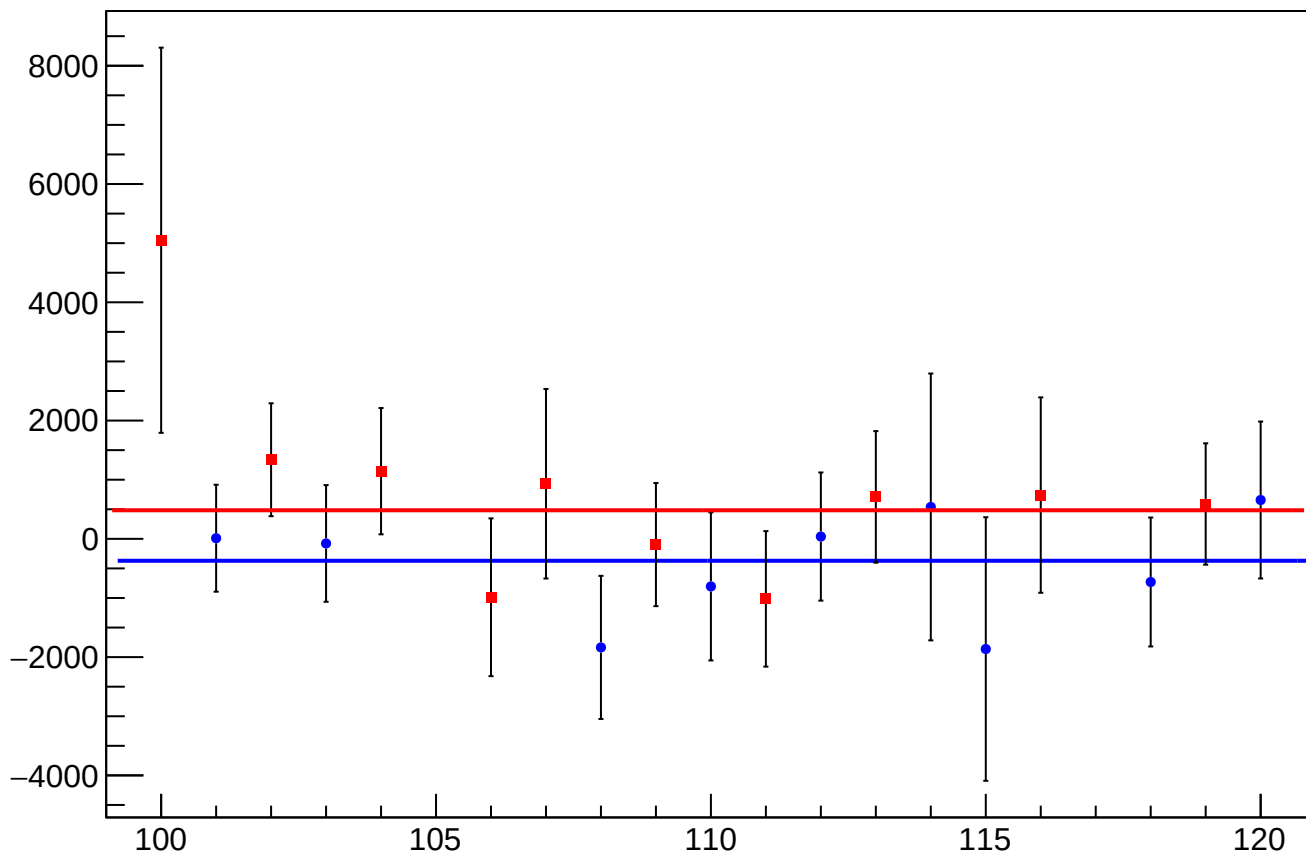
Right: 653.558+/-0.174 χ^2/NDF : 1443217.5/18

In: 679.546+/-0.262 χ^2/NDF : 594058.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 653.558+/-0.174 χ^2/NDF : 1443217.5/18

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -370.925+/-400.607 χ^2 /NDF: 3.3/8

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

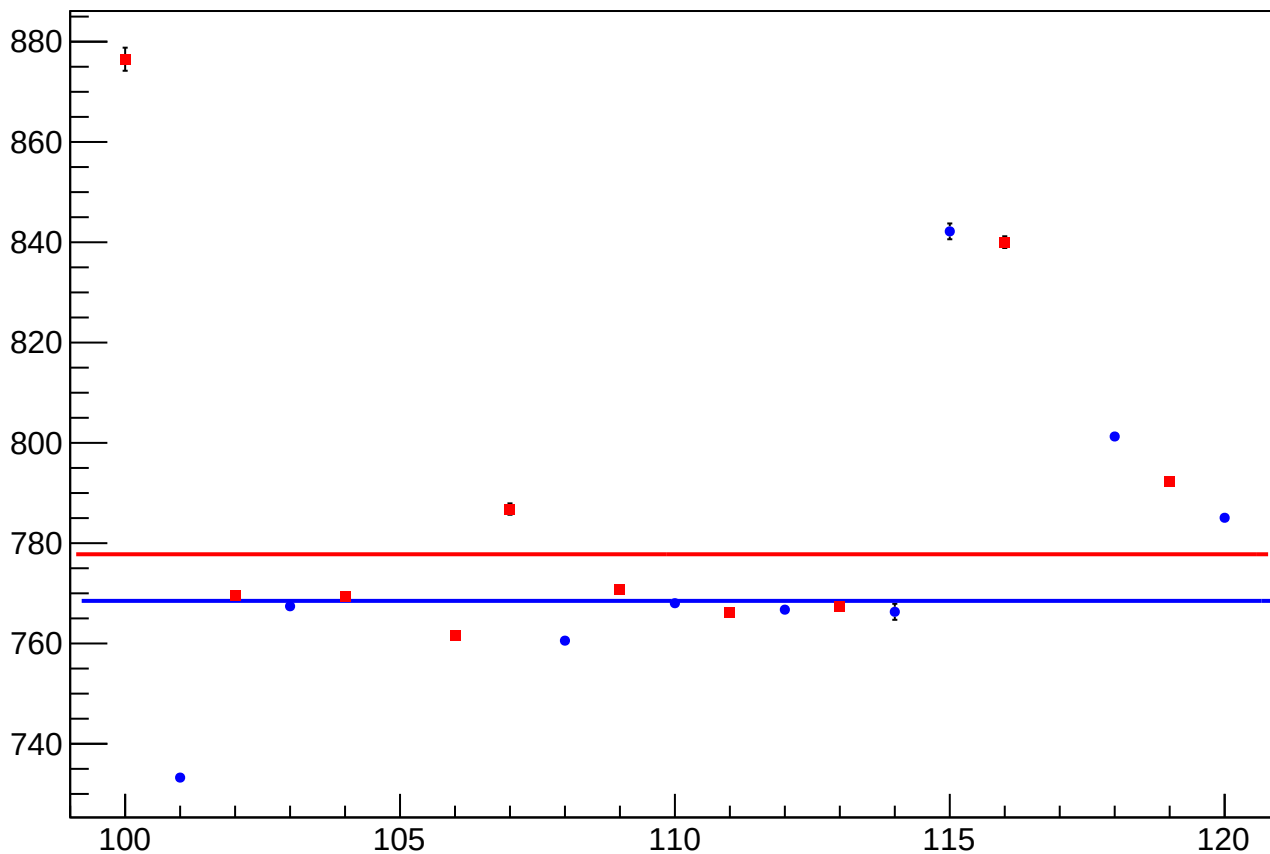
Right: 75.519+/-276.713 χ^2 /NDF: 12.2/18

In: -370.925+/-400.607 χ^2 /NDF:3.3/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 75.519+/-276.713 χ^2 /NDF: 12.2/18

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 768.495 $\pm$ 0.283 χ^2 /NDF: 7438.7/8

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

Right Out: 777.789 $\pm$ 0.271 χ^2 /NDF: 6186.5/9

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

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

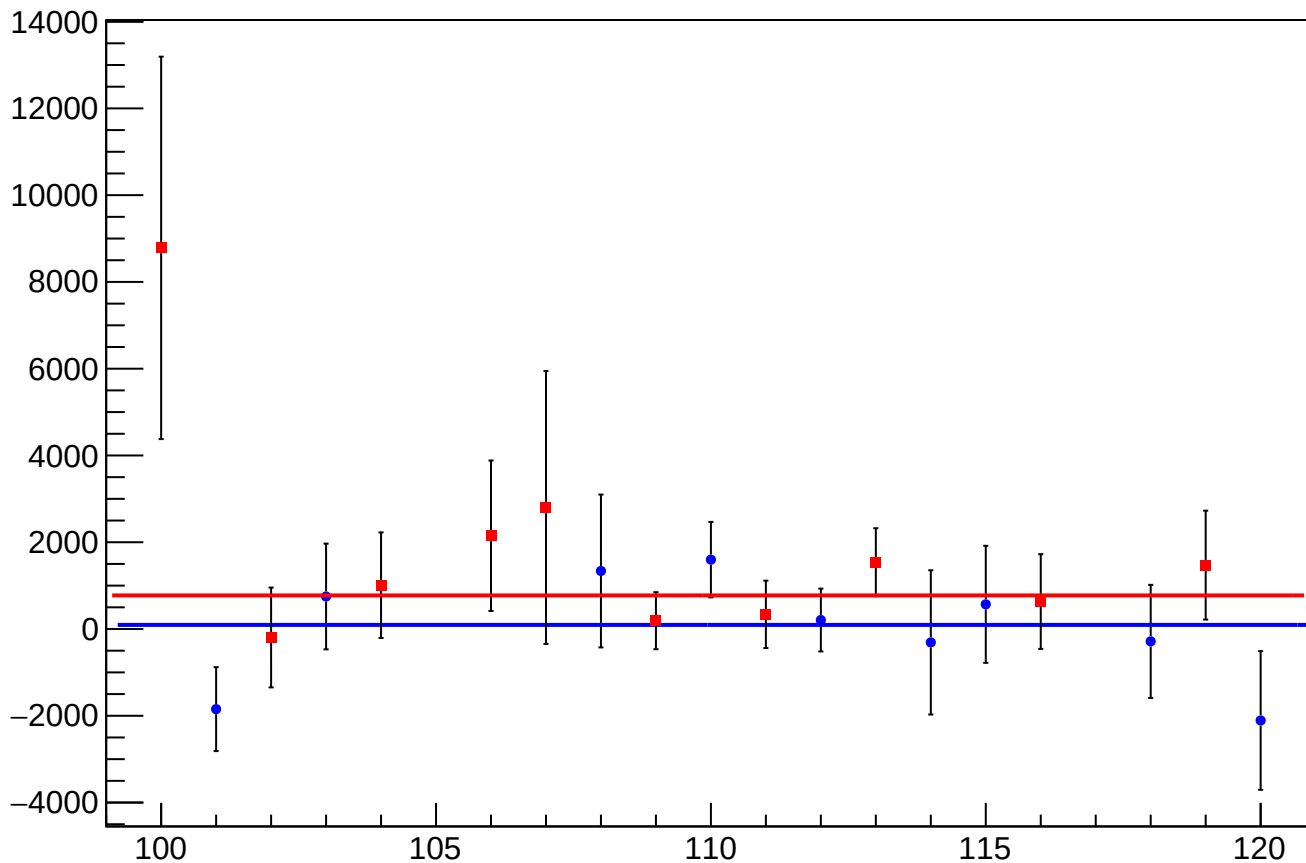
Right: 773.355 $\pm$ 0.196 χ^2 /NDF: 14188.2/18

In: 768.495 $\pm$ 0.283 χ^2 /NDF:7438.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 773.355 $\pm$ 0.196 χ^2 /NDF: 14188.2/18

asym_us_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 94.394+/-372.981 χ^2/NDF : 10.0/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

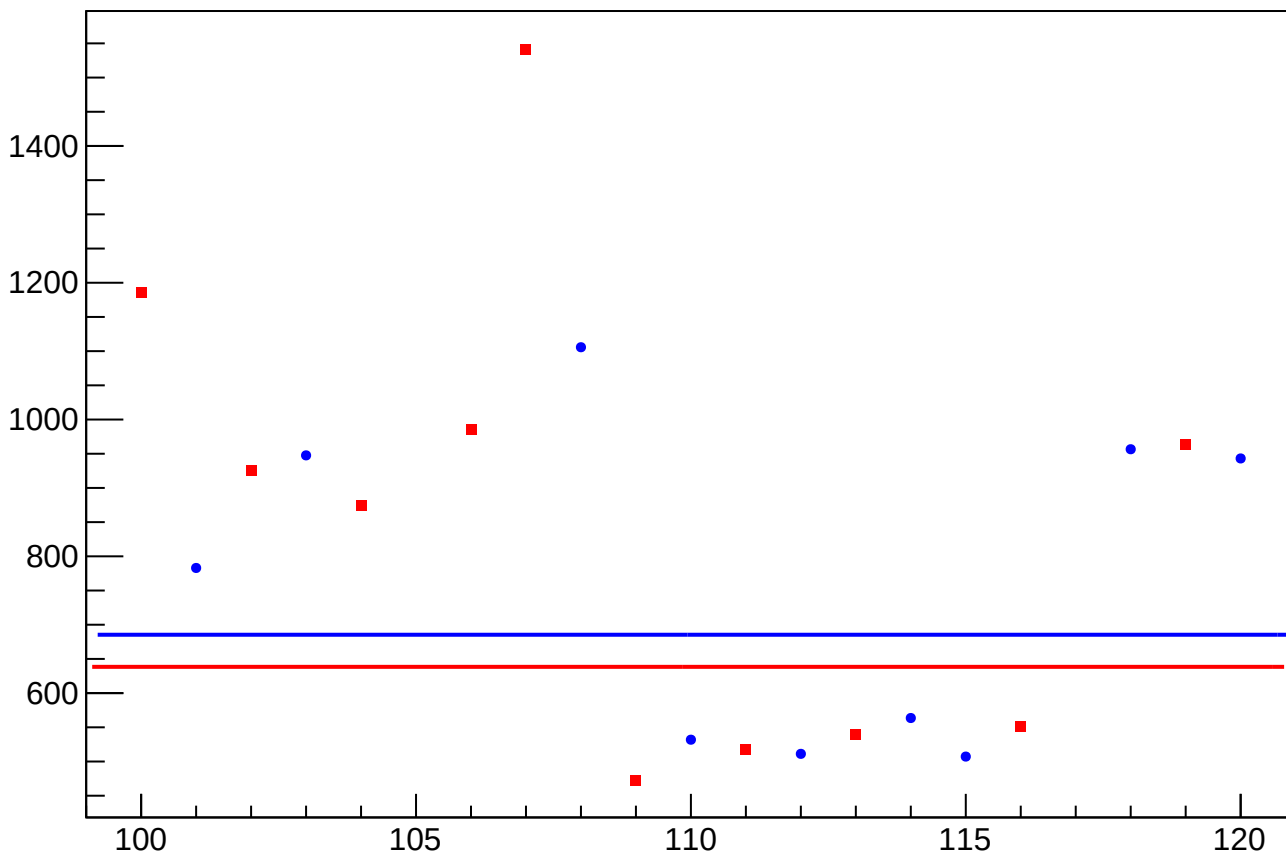
Right: 472.082+/-248.603 χ^2/NDF : 19.3/18

In: 94.394+/-372.981 χ^2/NDF : 10.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 472.082+/-248.603 χ^2/NDF : 19.3/18

asym_us_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 685.347+/-0.264 χ^2/NDF : 589315.1/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

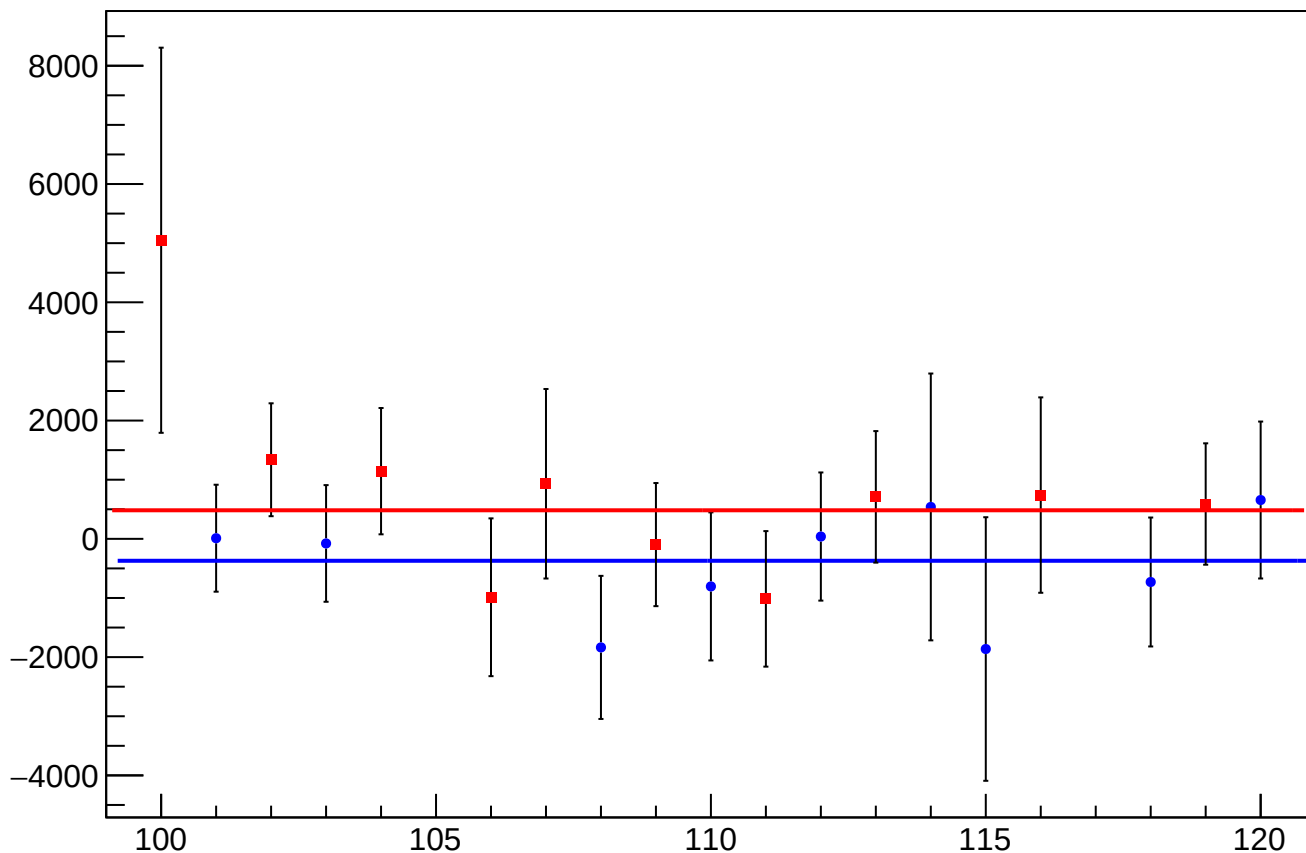
Right: 659.269+/-0.176 χ^2/NDF : 1438001.1/18

In: 685.347+/-0.264 χ^2/NDF : 589315.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 659.269+/-0.176 χ^2/NDF : 1438001.1/18

eigen_dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -370.925+/-400.607 χ^2 /NDF: 3.3/8

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

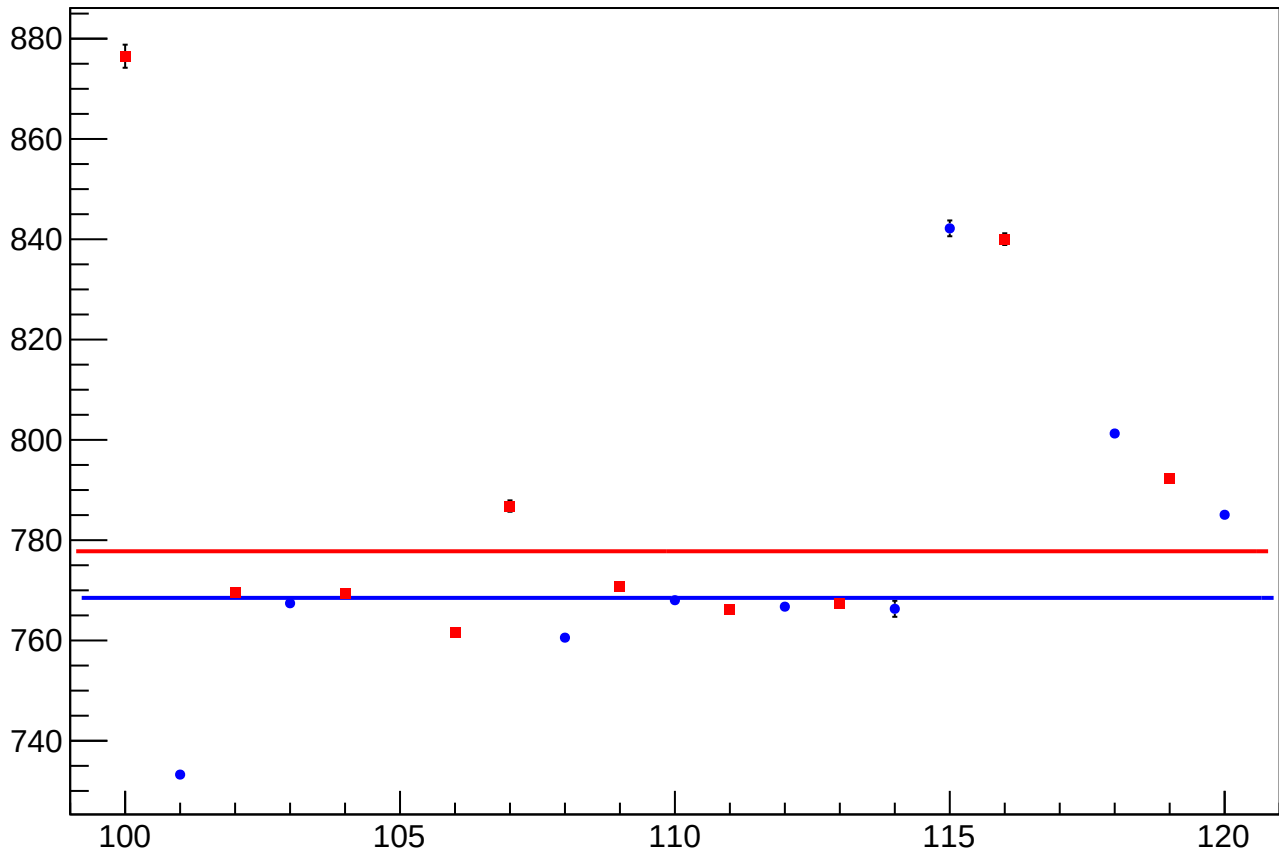
Right: 75.517+/-276.713 χ^2 /NDF: 12.2/18

In: -370.925+/-400.607 χ^2 /NDF:3.3/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 75.517+/-276.713 χ^2 /NDF: 12.2/18

eigen_dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 768.495+/-0.283 χ^2/NDF : 7438.7/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

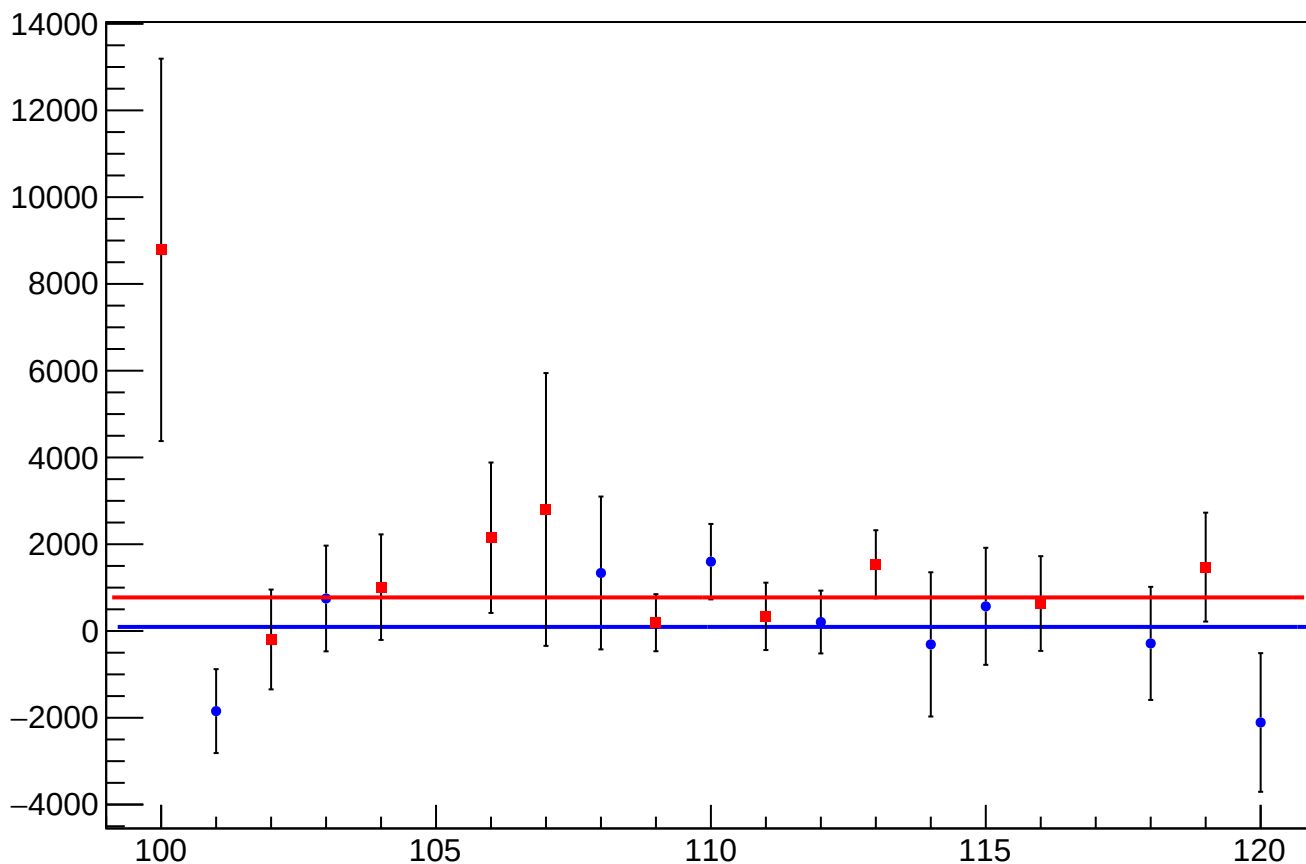
Right: 773.355+/-0.196 χ^2/NDF : 14188.2/18

In: 768.495+/-0.283 χ^2/NDF : 7438.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 773.355+/-0.196 χ^2/NDF : 14188.2/18

asym_us_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 94.394+/-372.979 χ^2/NDF : 10.0/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

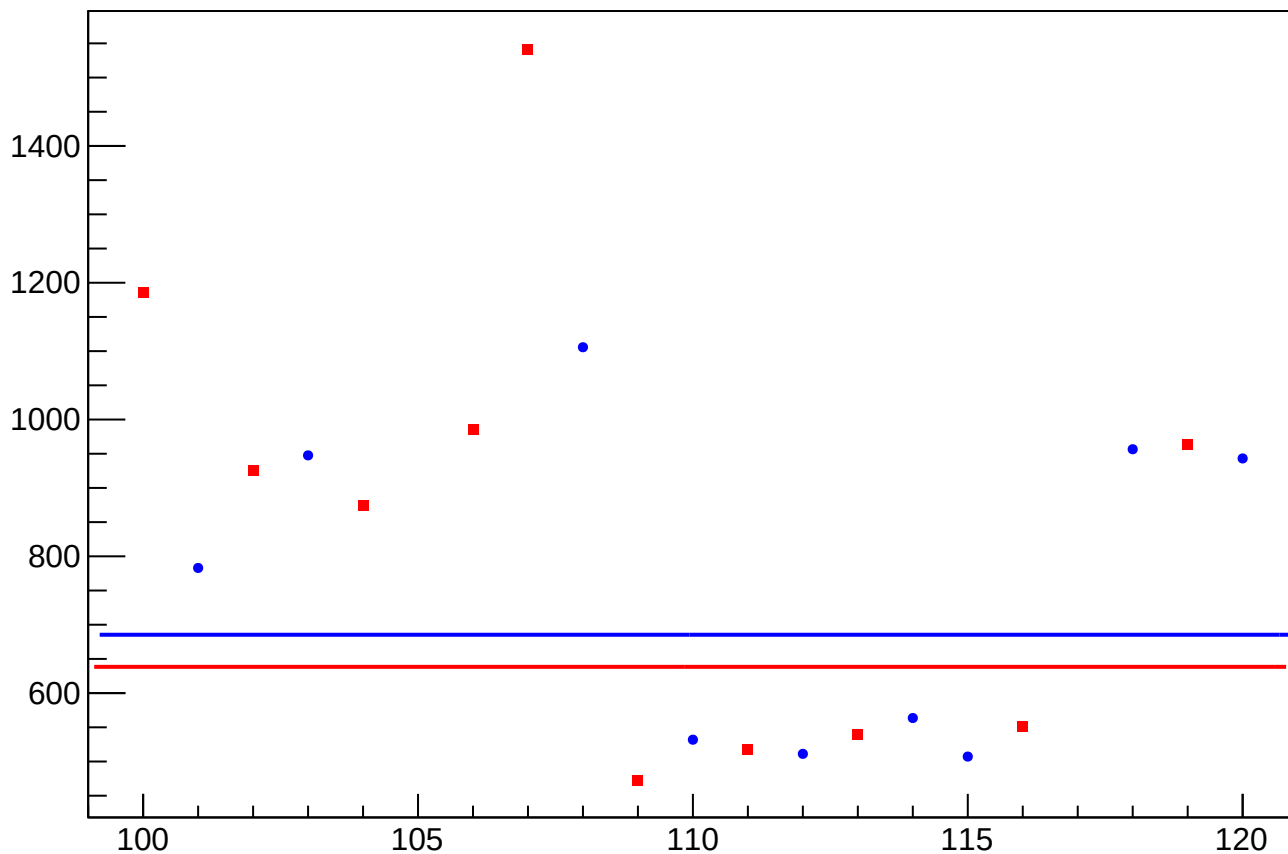
Right: 472.080+/-248.602 χ^2/NDF : 19.3/18

In: 94.394+/-372.979 χ^2/NDF : 10.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 472.080+/-248.602 χ^2/NDF : 19.3/18

asym_us_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 685.343+/-0.264 χ^2/NDF : 589330.0/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

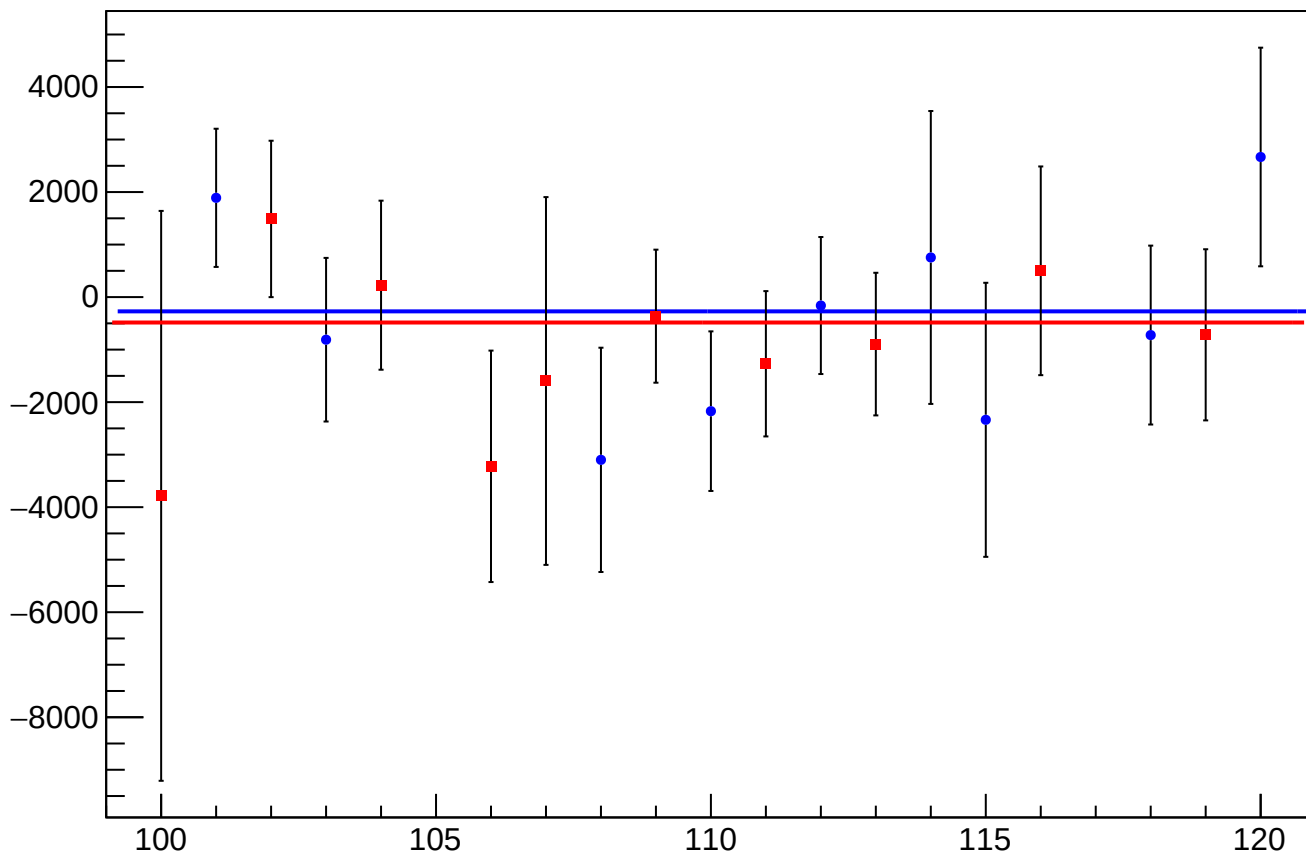
Right: 659.264+/-0.176 χ^2/NDF : 1438032.5/18

In: 685.343+/-0.264 χ^2/NDF : 589330.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 659.264+/-0.176 χ^2/NDF : 1438032.5/18

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -271.672+/-569.709 χ^2/NDF : 9.0/8

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

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

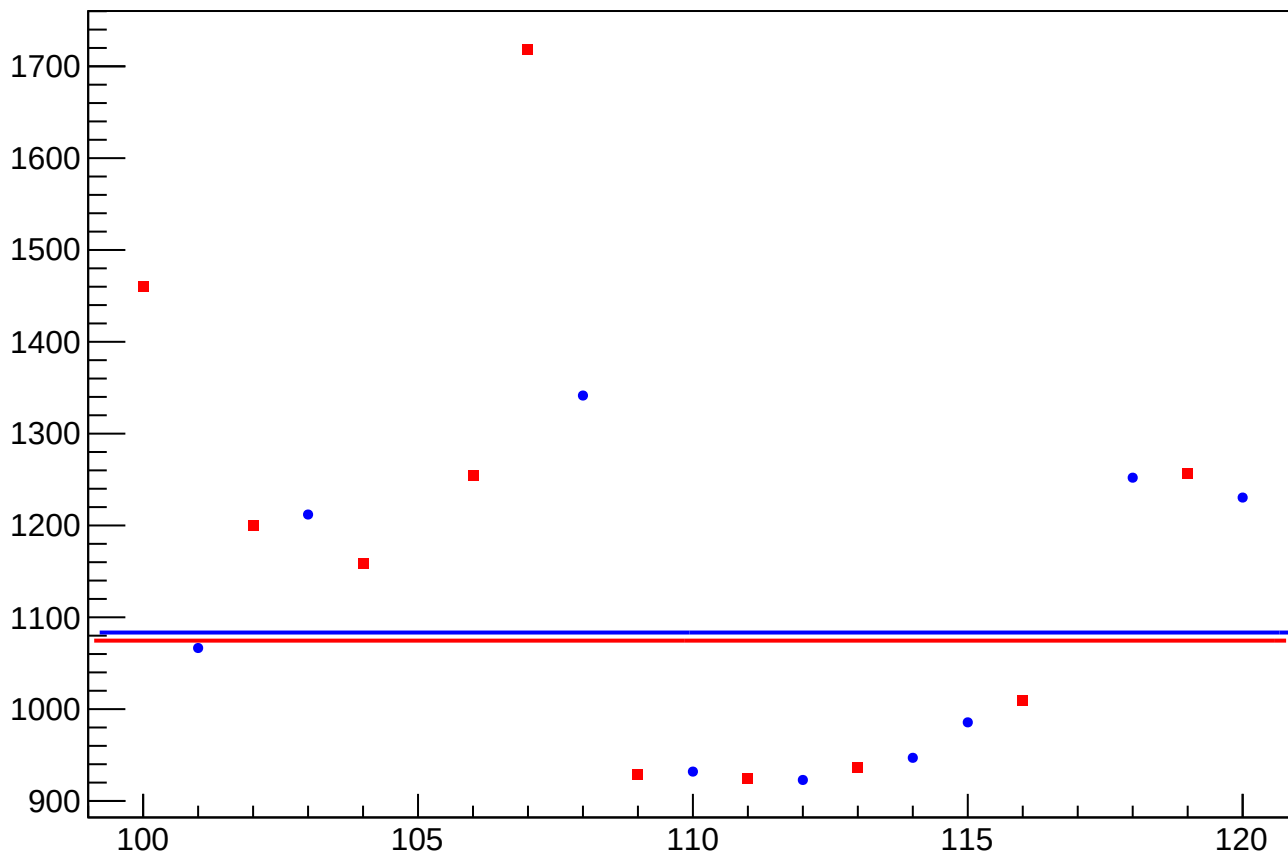
Right: -384.261+/-390.498 χ^2/NDF : 13.7/18

In: -271.672+/-569.709 χ^2/NDF :9.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -384.261+/-390.498 χ^2/NDF : 13.7/18

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1083.419+/-0.403 χ^2/NDF : 130488.6/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

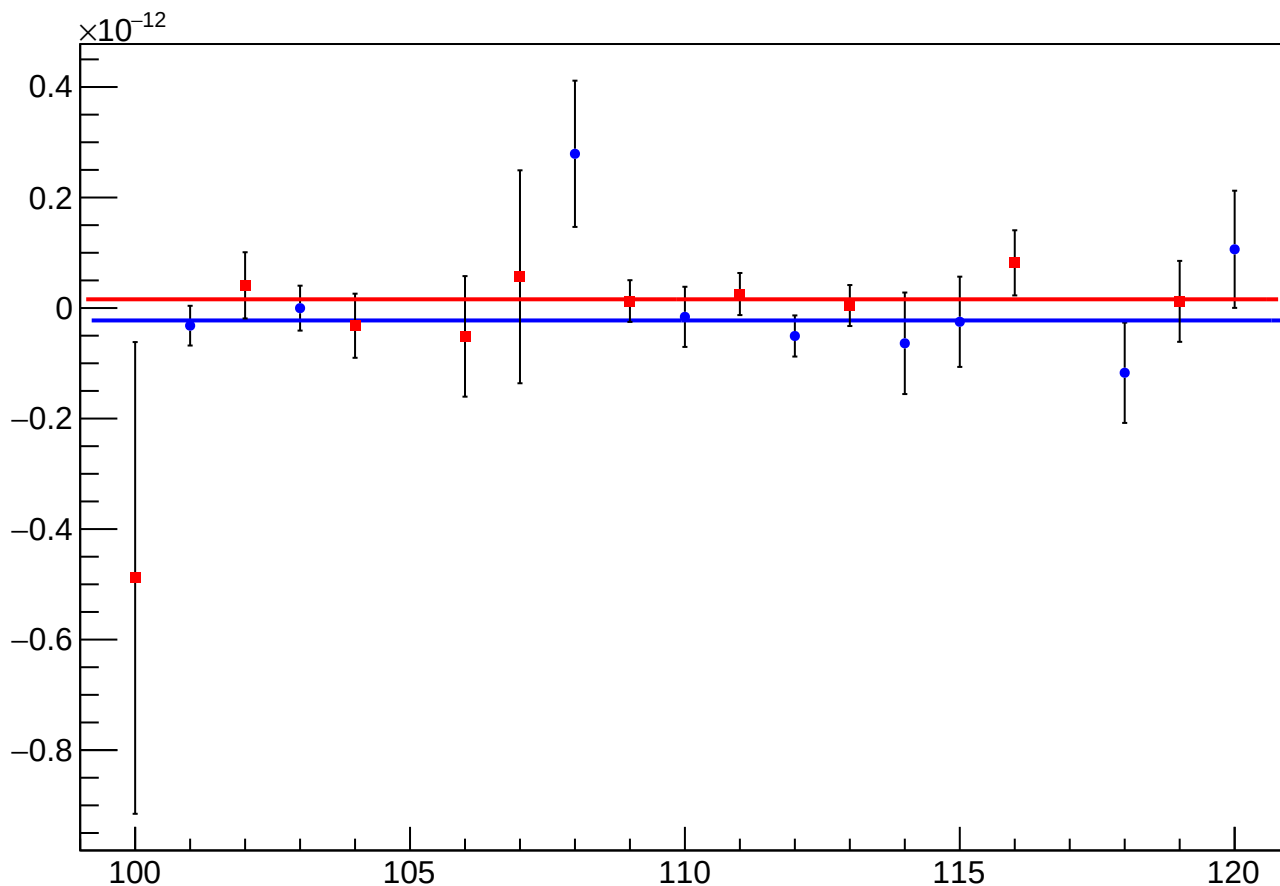
Right: 1078.741+/-0.276 χ^2/NDF : 338894.5/18

In: 1083.419+/-0.403 χ^2/NDF : 130488.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1078.741+/-0.276 χ^2/NDF : 338894.5/18

asym_us_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.9/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

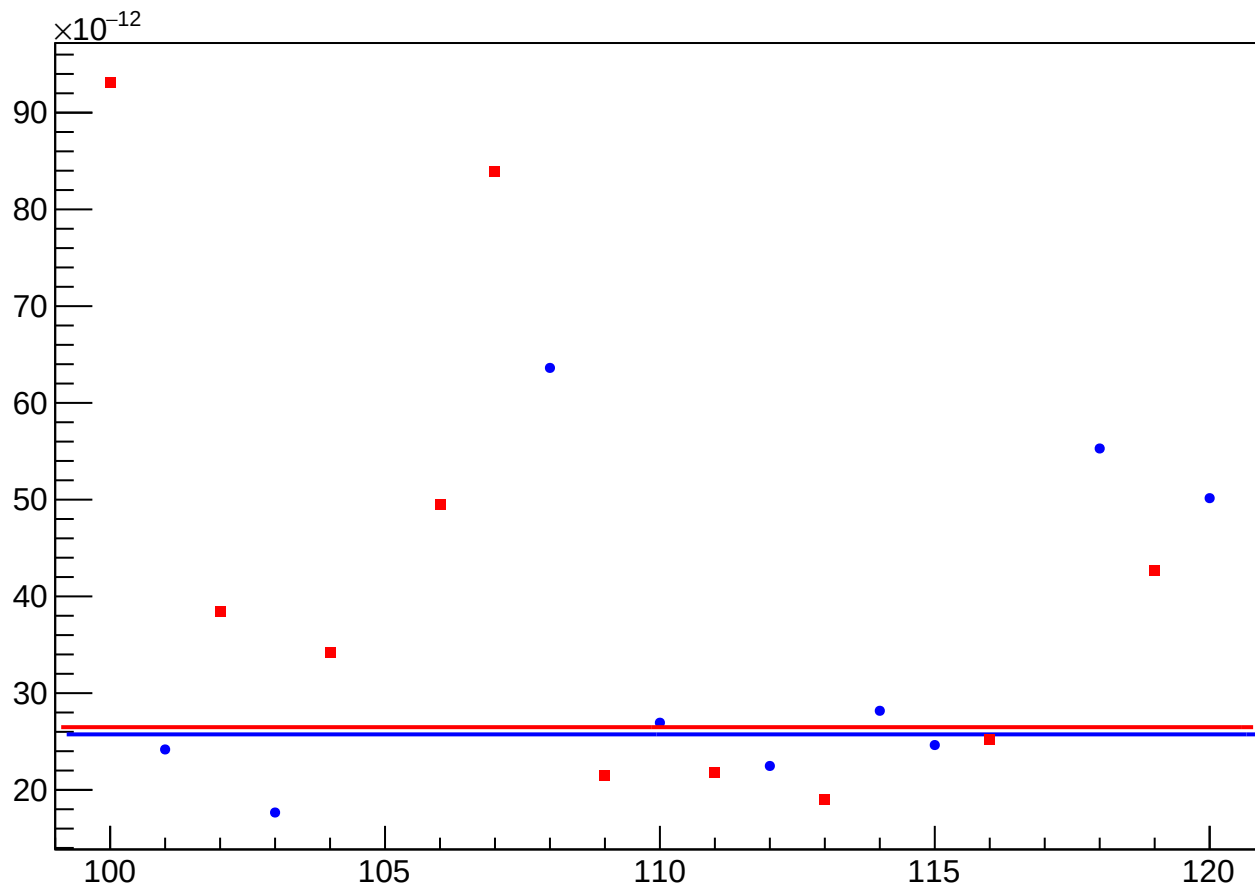
Right: -0.000+/-0.000 χ^2/NDF : 15.3/18

In: -0.000+/-0.000 χ^2/NDF : 8.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.3/18

asym_us_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 582755.9/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

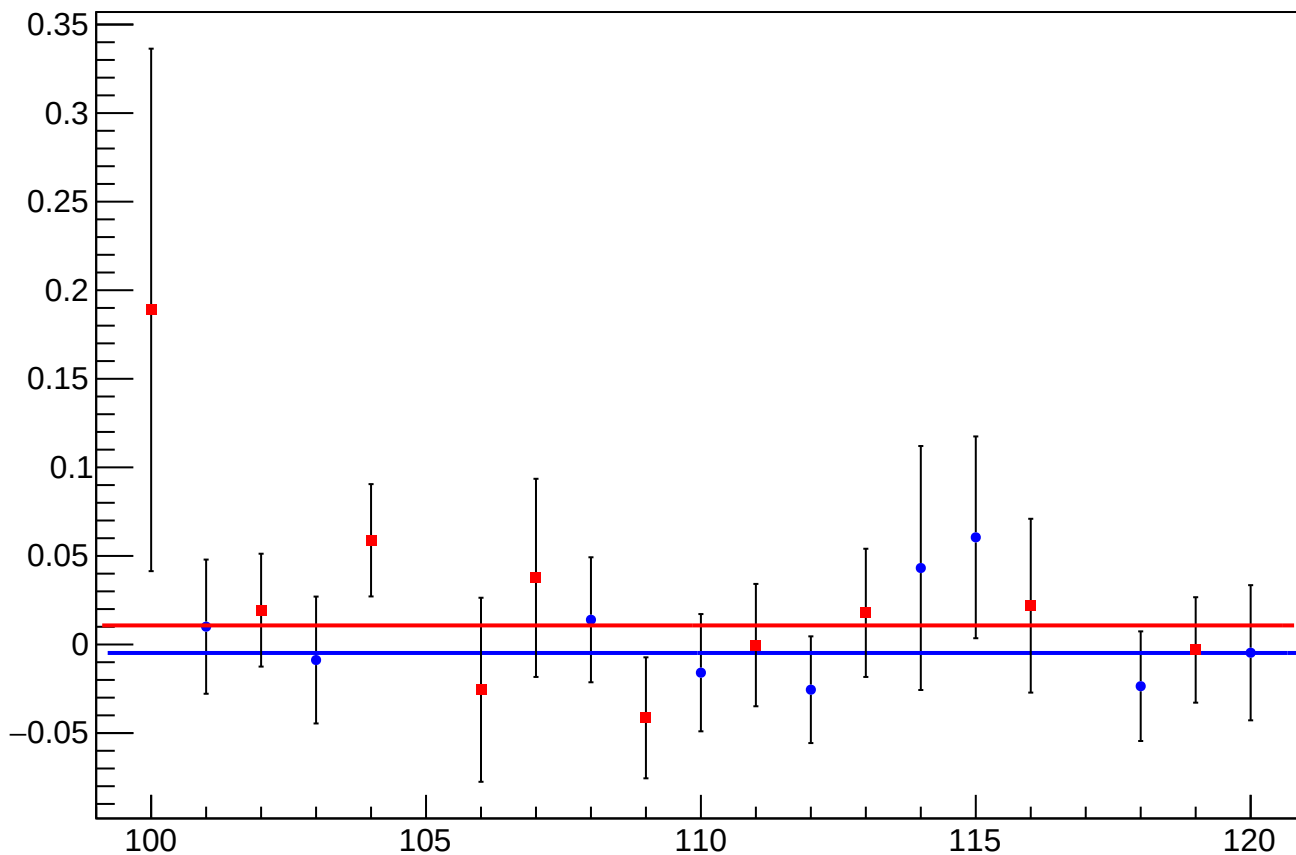
Right: 0.000+/-0.000 χ^2/NDF : 1257362.6/18

In: 0.000+/-0.000 χ^2/NDF : 582755.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1257362.6/18

asym_us_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.012 χ^2 /NDF: 3.2/8

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

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

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

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

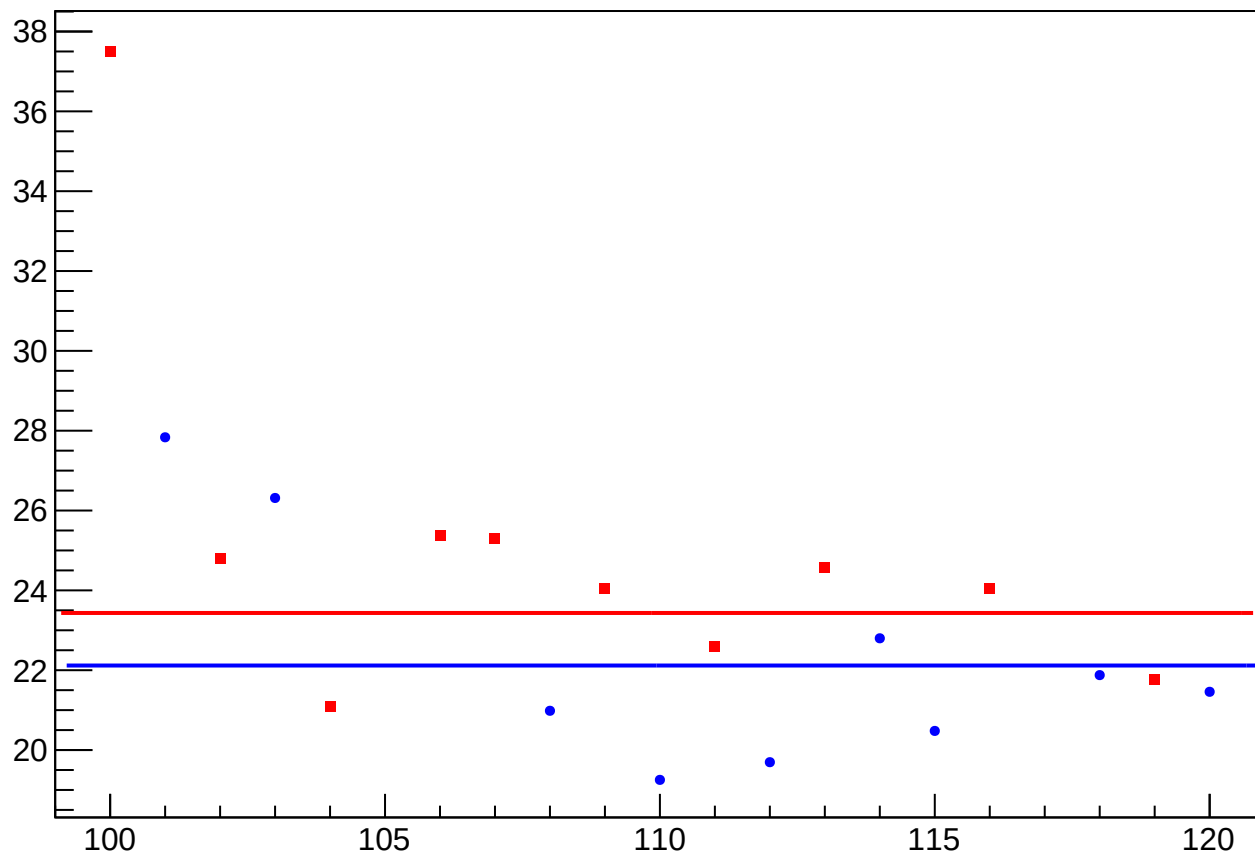
Right: 0.003 $\pm$ 0.009 χ^2 /NDF: 11.3/18

In: -0.005 $\pm$ 0.012 χ^2 /NDF:3.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.009 χ^2 /NDF: 11.3/18

asym_us_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.117 $\pm$ 0.009 χ^2 /NDF: 105587.7/8

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

Right Out: 23.434 $\pm$ 0.009 χ^2 /NDF: 48337.7/9

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

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

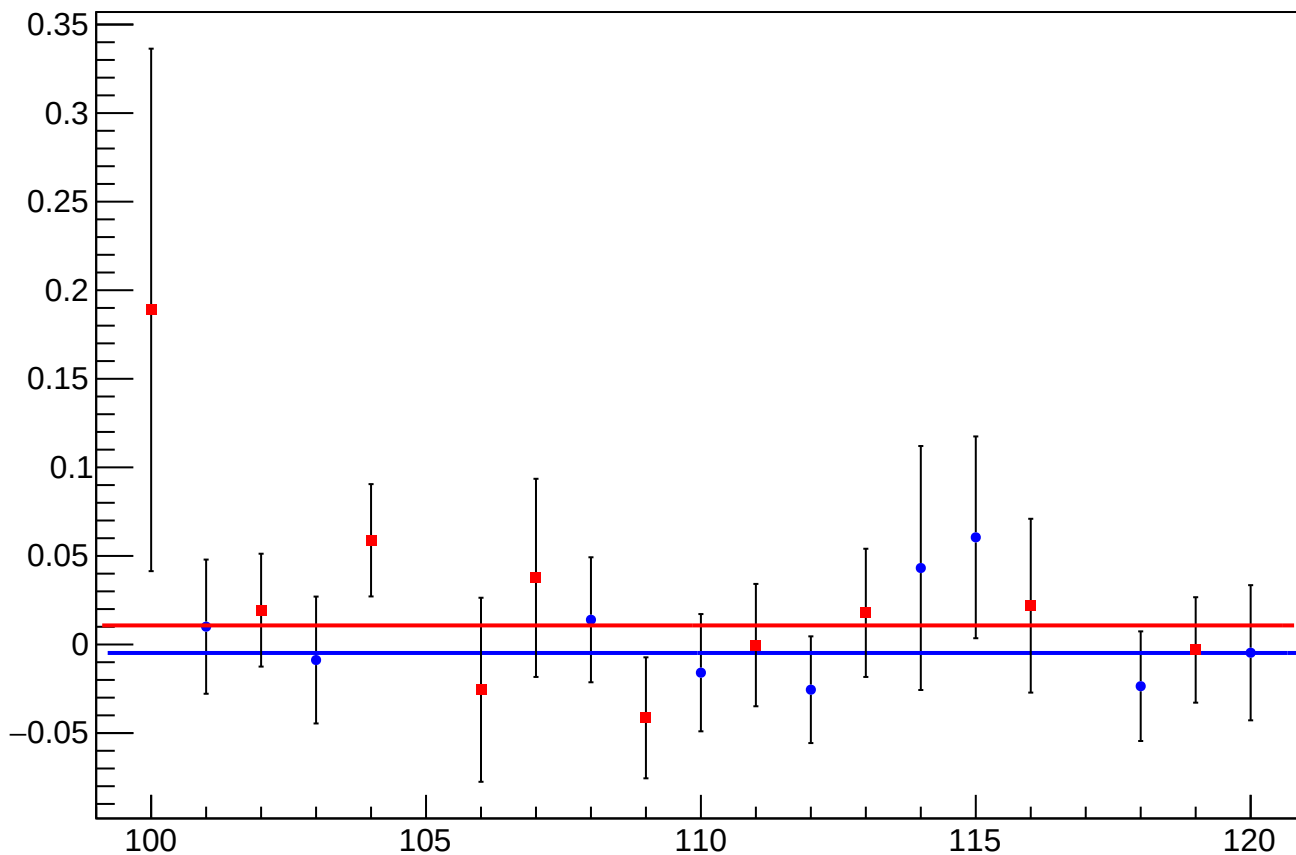
Right: 22.784 $\pm$ 0.006 χ^2 /NDF: 165417.3/18

In: 22.117 $\pm$ 0.009 χ^2 /NDF:105587.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 22.784 $\pm$ 0.006 χ^2 /NDF: 165417.3/18

asym_us_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.012 χ^2 /NDF: 3.2/8

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

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

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

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

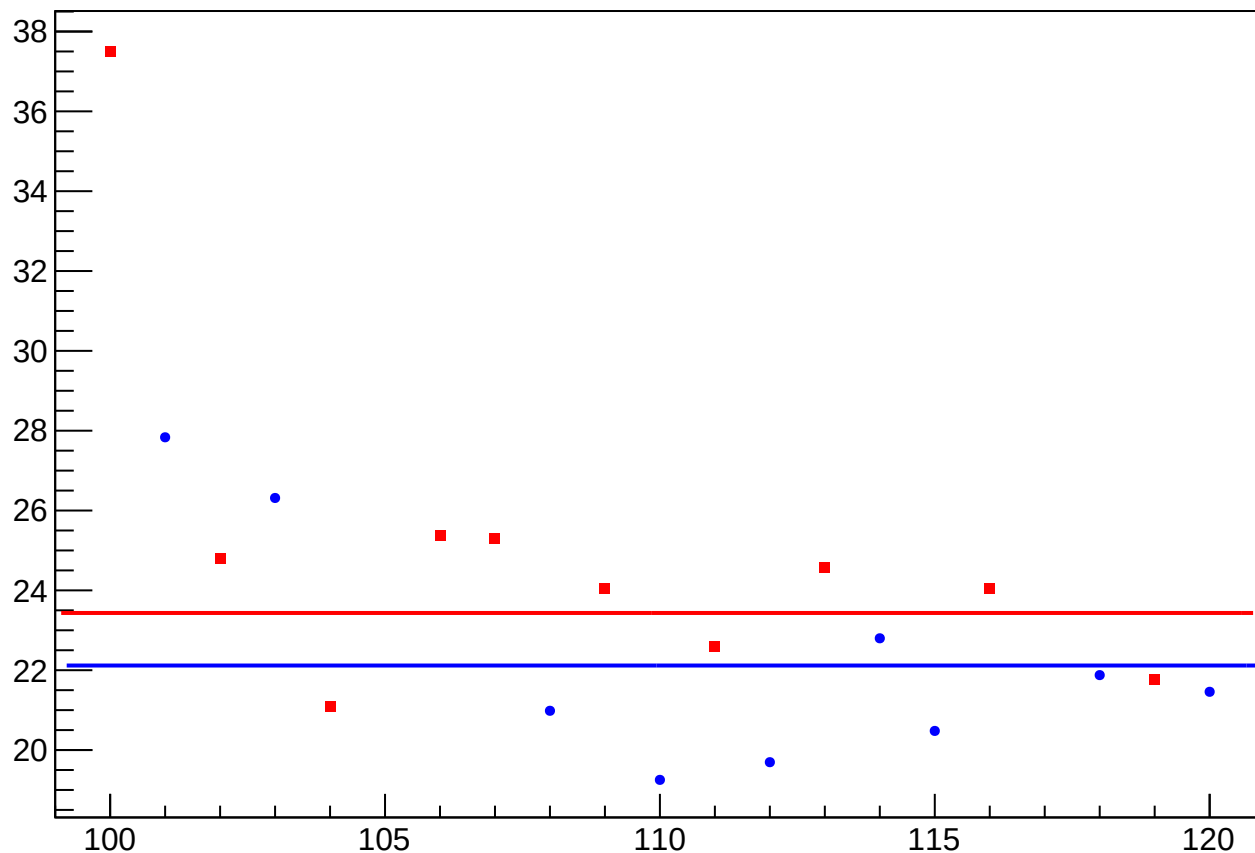
Right: 0.003 $\pm$ 0.009 χ^2 /NDF: 11.3/18

In: -0.005 $\pm$ 0.012 χ^2 /NDF:3.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.009 χ^2 /NDF: 11.3/18

asym_us_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.117+/-0.009 χ^2/NDF : 105587.7/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

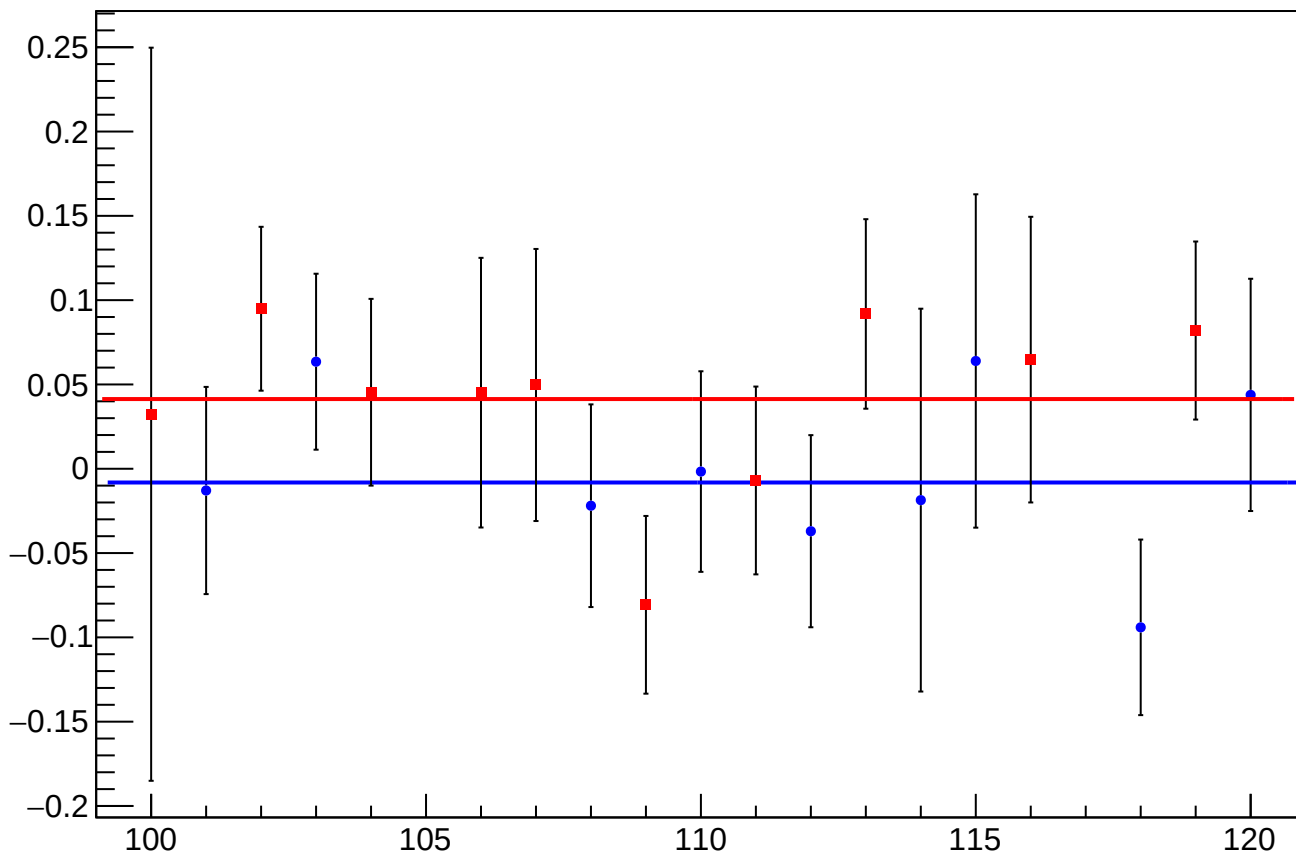
Right: 22.784+/-0.006 χ^2/NDF : 165417.3/18

In: 22.117+/-0.009 χ^2/NDF : 105587.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.784+/-0.006 χ^2/NDF : 165417.3/18

asym_us_dd_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008+/-0.021 χ^2/NDF : 6.0/8

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

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

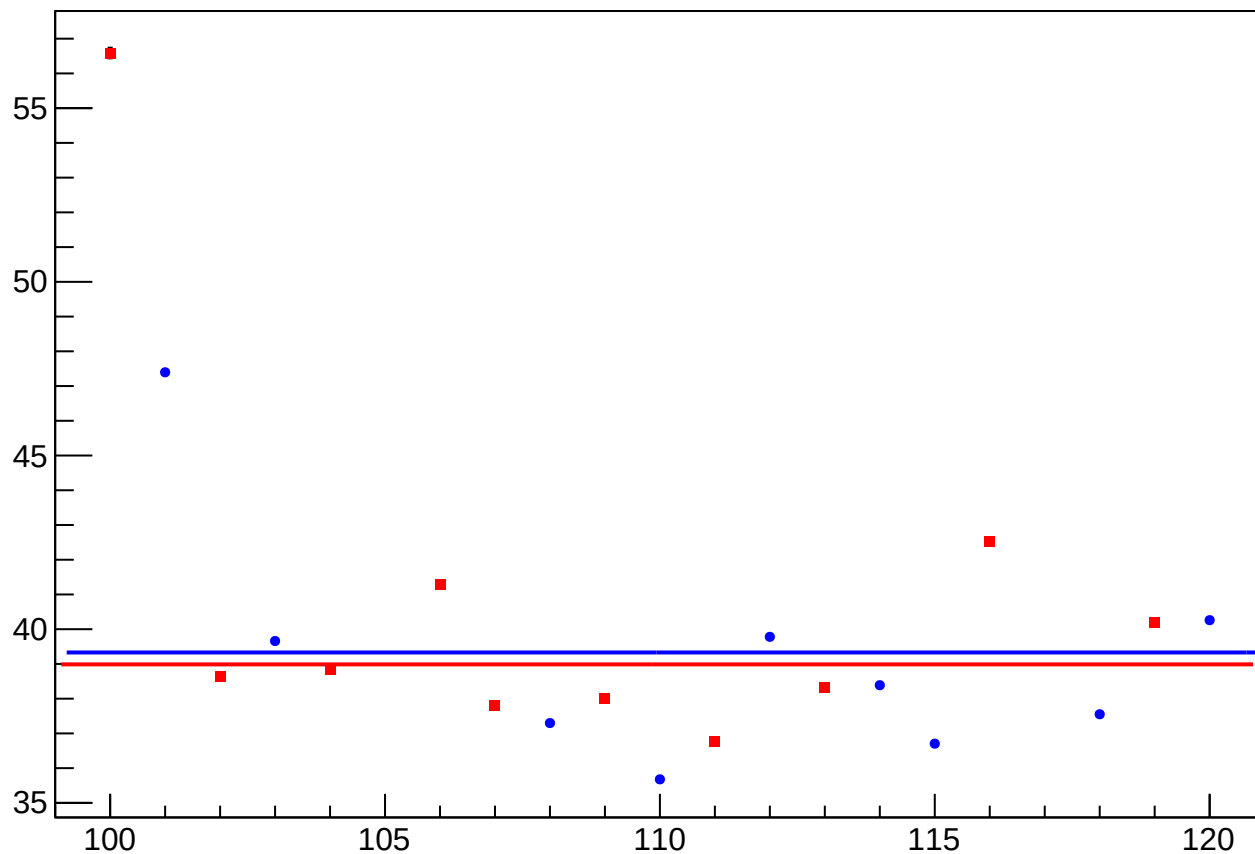
Right: 0.018+/-0.014 χ^2/NDF : 17.8/18

In: -0.008+/-0.021 χ^2/NDF :6.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.018+/-0.014 χ^2/NDF : 17.8/18

asym_us_dd_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.330+/-0.015 χ^2/NDF : 48744.5/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

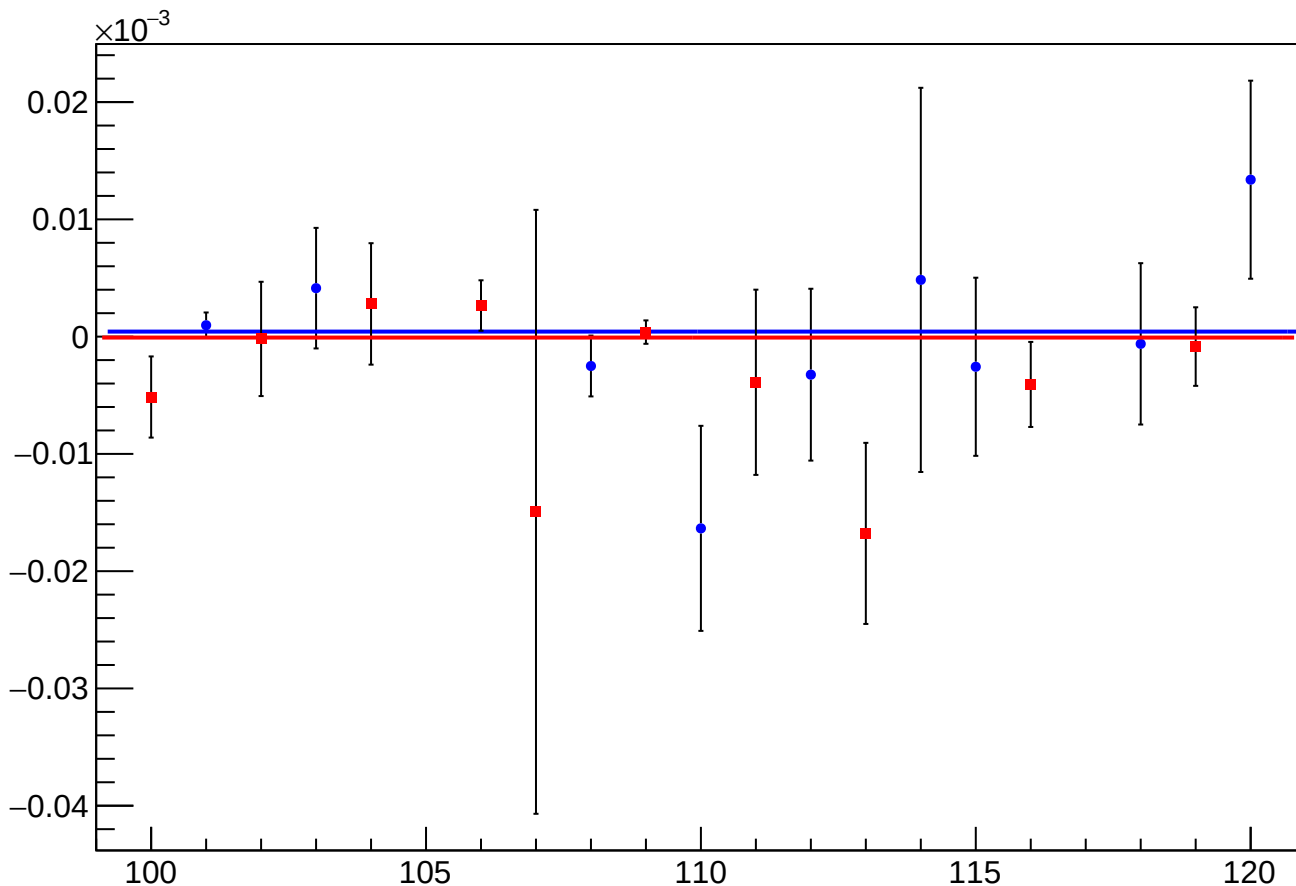
Right: 39.147+/-0.010 χ^2/NDF : 73025.2/18

In: 39.330+/-0.015 χ^2/NDF : 48744.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.147+/-0.010 χ^2/NDF : 73025.2/18

asym_us_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.6/8

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.8/9

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

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

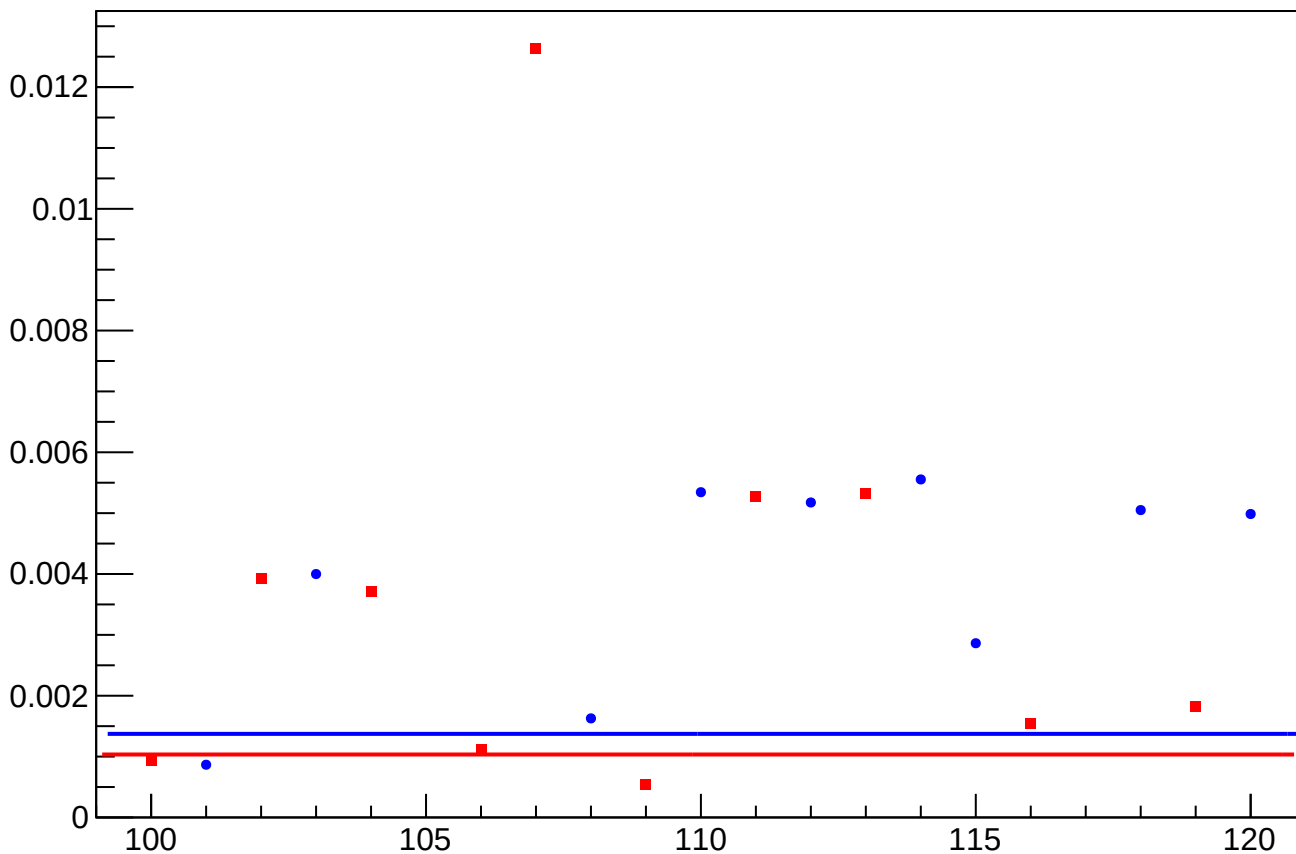
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.6/18

In: 0.000 $\pm$ 0.000 χ^2 /NDF:8.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.6/18

asym_us_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 3072355.6/8

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

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

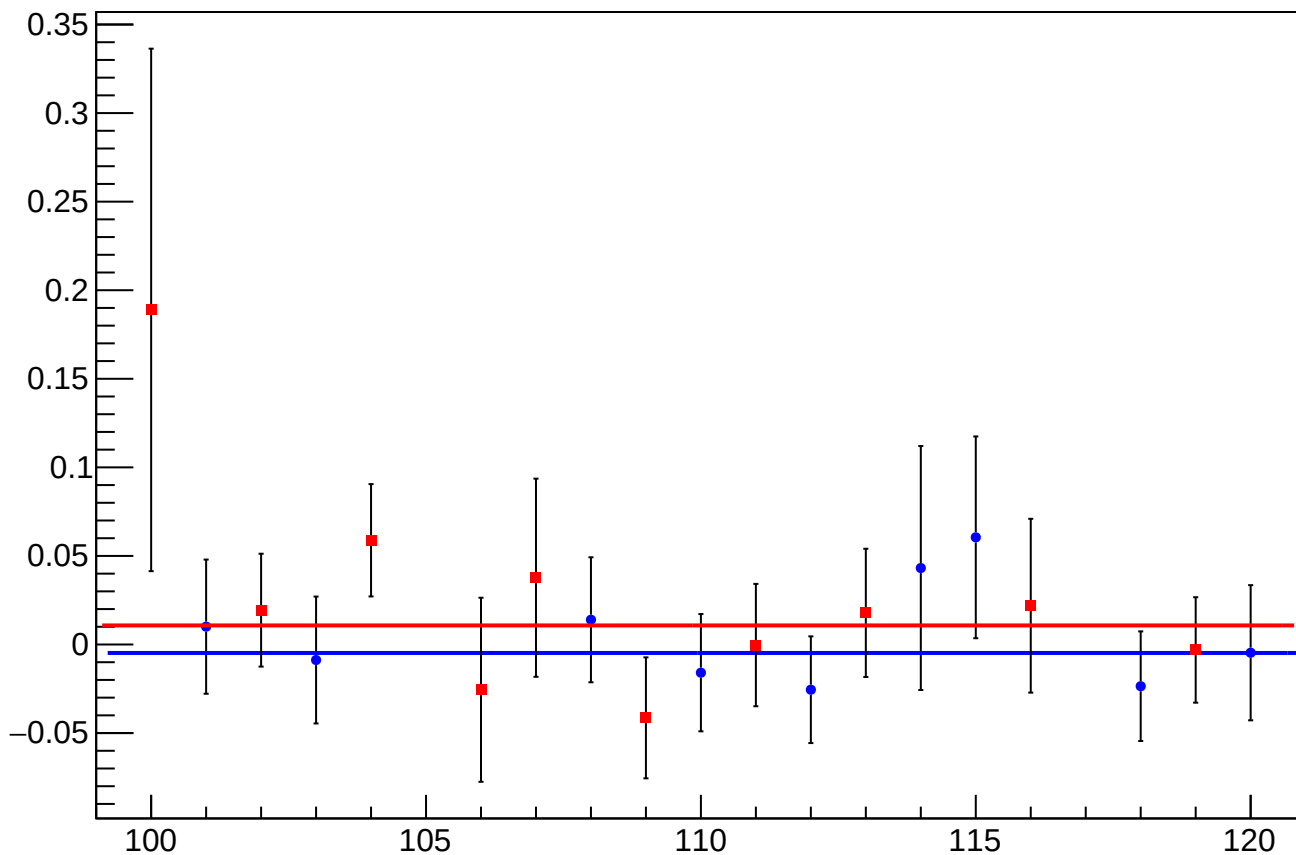
Right: 0.001+/-0.000 χ^2/NDF : 6705640.6/18

In: 0.001+/-0.000 χ^2/NDF :3072355.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6705640.6/18

asym_us_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.012 χ^2 /NDF: 3.2/8

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

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

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

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

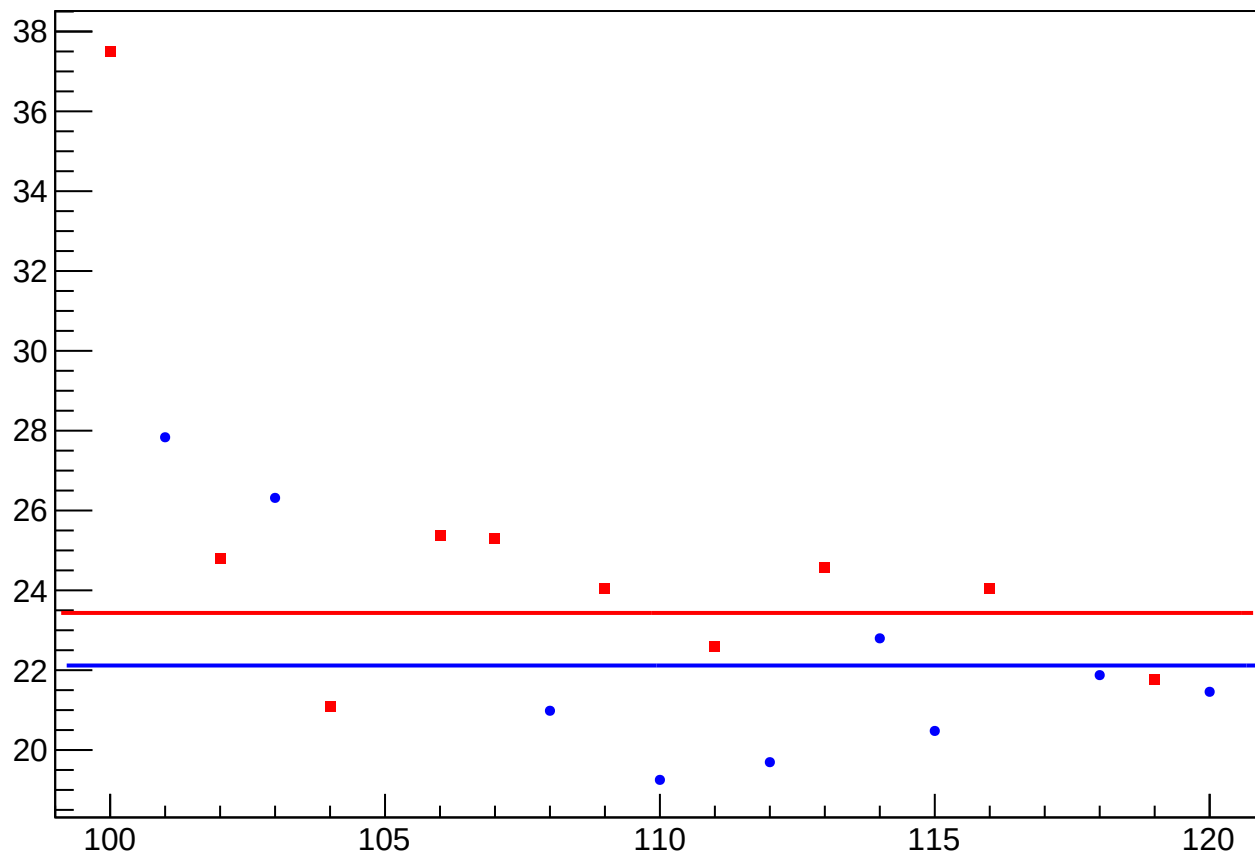
Right: 0.003 $\pm$ 0.009 χ^2 /NDF: 11.3/18

In: -0.005 $\pm$ 0.012 χ^2 /NDF:3.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.009 χ^2 /NDF: 11.3/18

asym_us_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.117+/-0.009 χ^2/NDF : 105625.3/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

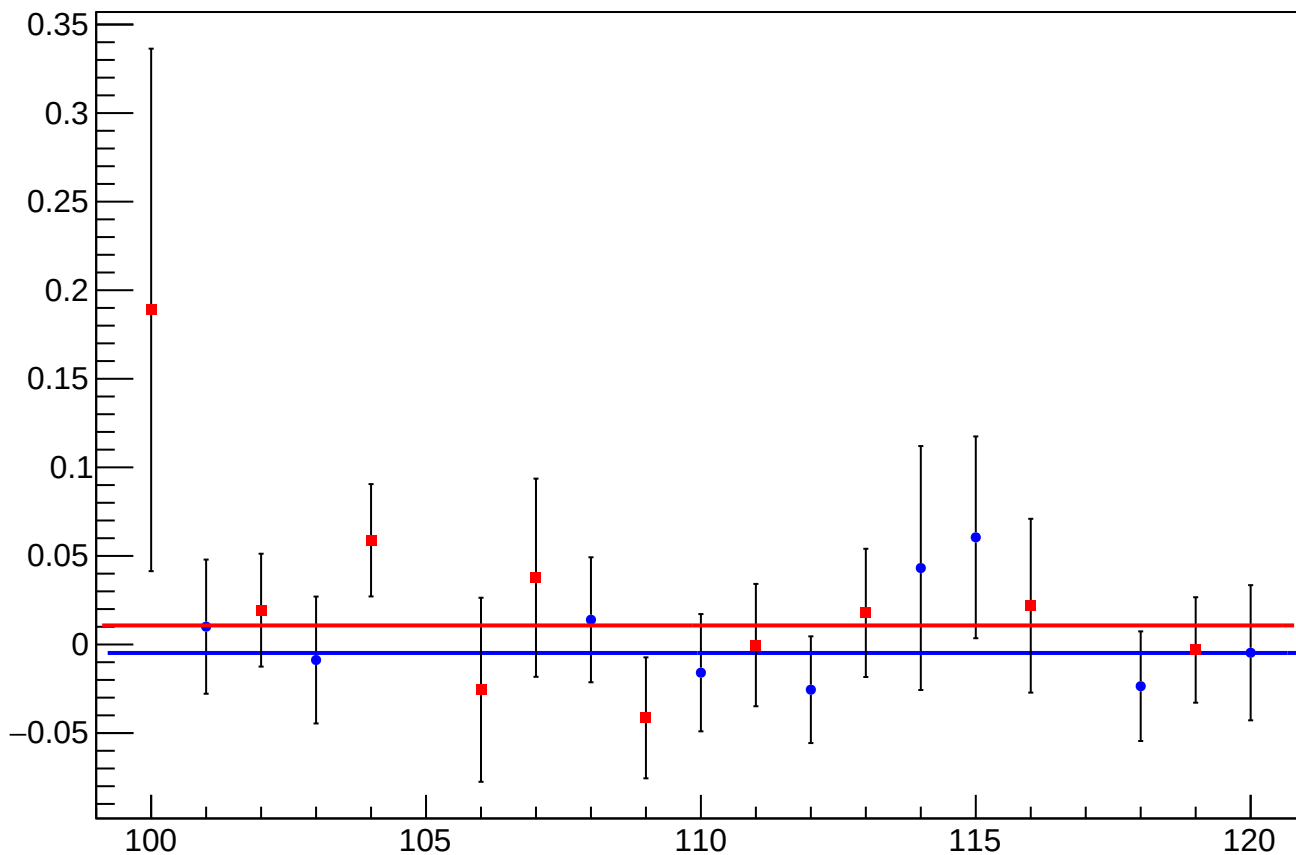
Right: 22.784+/-0.006 χ^2/NDF : 165467.1/18

In: 22.117+/-0.009 χ^2/NDF : 105625.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.784+/-0.006 χ^2/NDF : 165467.1/18

asym_us_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.012 χ^2 /NDF: 3.2/8

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

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

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

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

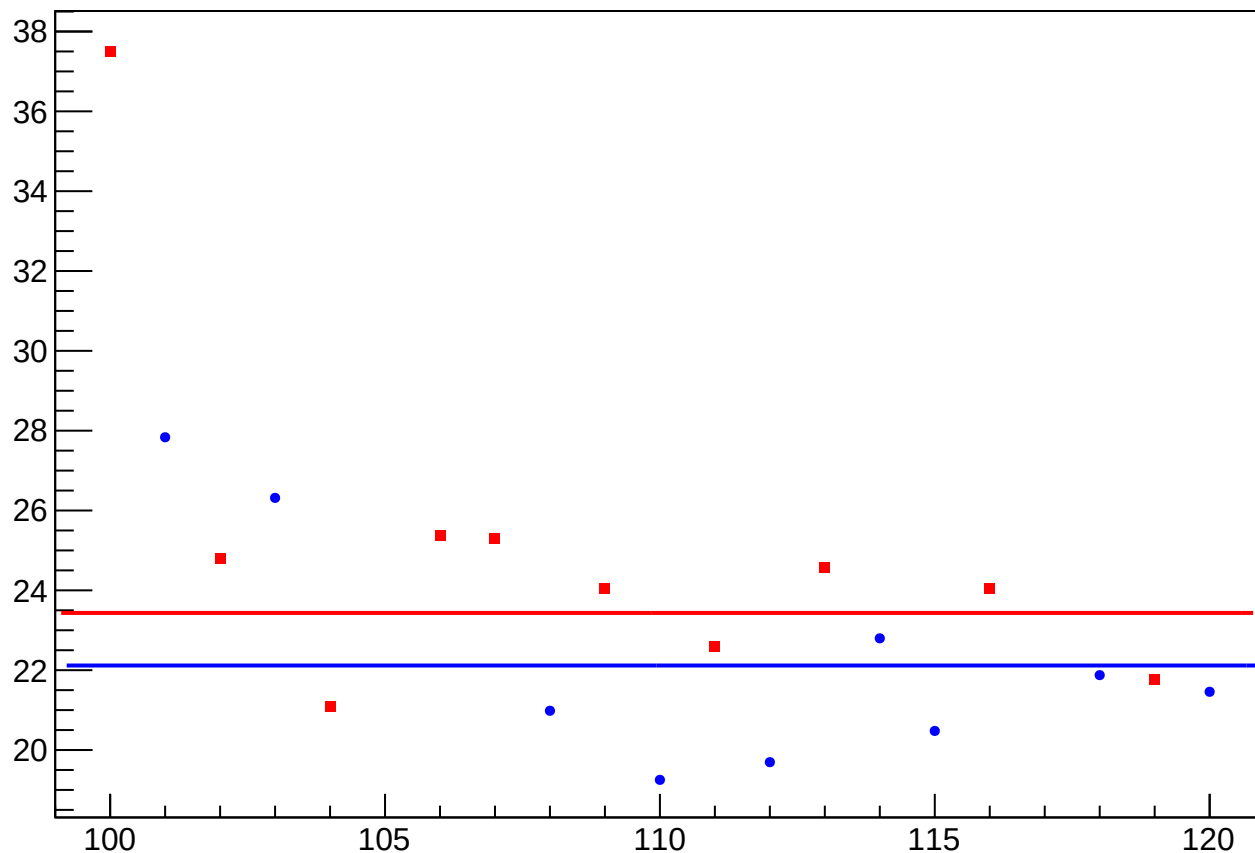
Right: 0.003 $\pm$ 0.009 χ^2 /NDF: 11.3/18

In: -0.005 $\pm$ 0.012 χ^2 /NDF:3.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.009 χ^2 /NDF: 11.3/18

asym_us_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.117+/-0.009 χ^2/NDF : 105625.3/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

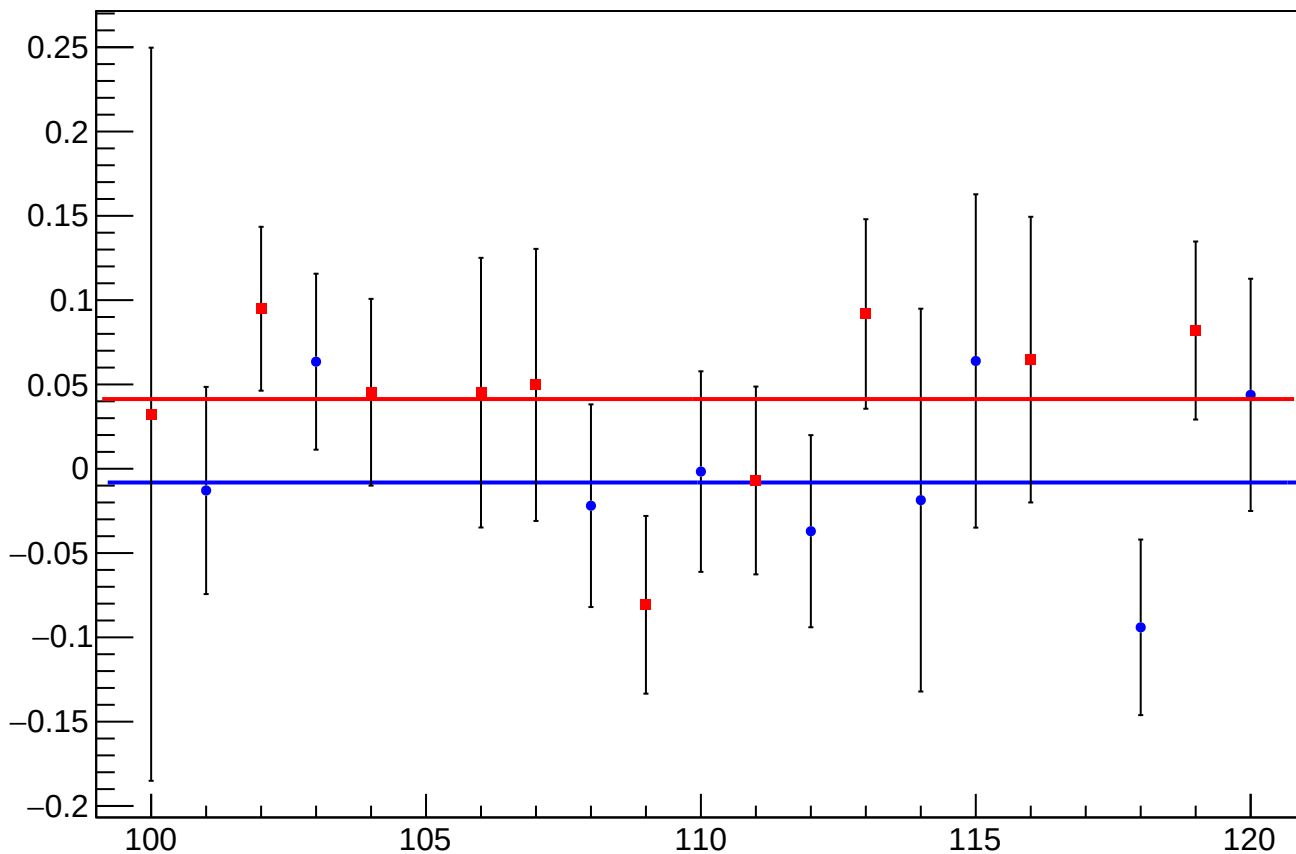
Right: 22.784+/-0.006 χ^2/NDF : 165467.1/18

In: 22.117+/-0.009 χ^2/NDF : 105625.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.784+/-0.006 χ^2/NDF : 165467.1/18

asym_us_dd_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008+/-0.021 χ^2/NDF : 6.0/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

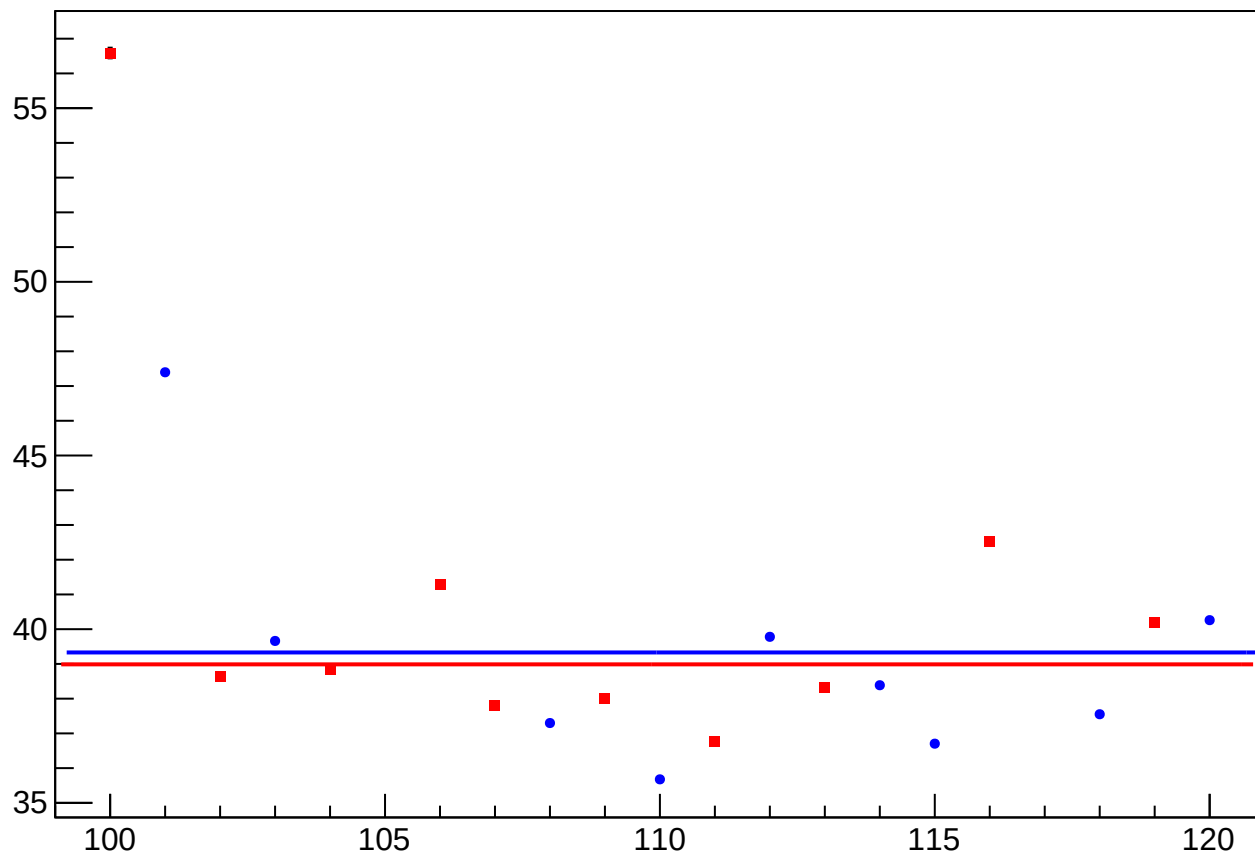
Right: 0.018+/-0.014 χ^2/NDF : 17.8/18

In: -0.008+/-0.021 χ^2/NDF : 6.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.014 χ^2/NDF : 17.8/18

asym_us_dd_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.330 ± 0.015 $\chi^2/\text{NDF}: 48749.4/8$

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

Right Out: 38.987 ± 0.014 $\chi^2/\text{NDF}: 23997.1/9$

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

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

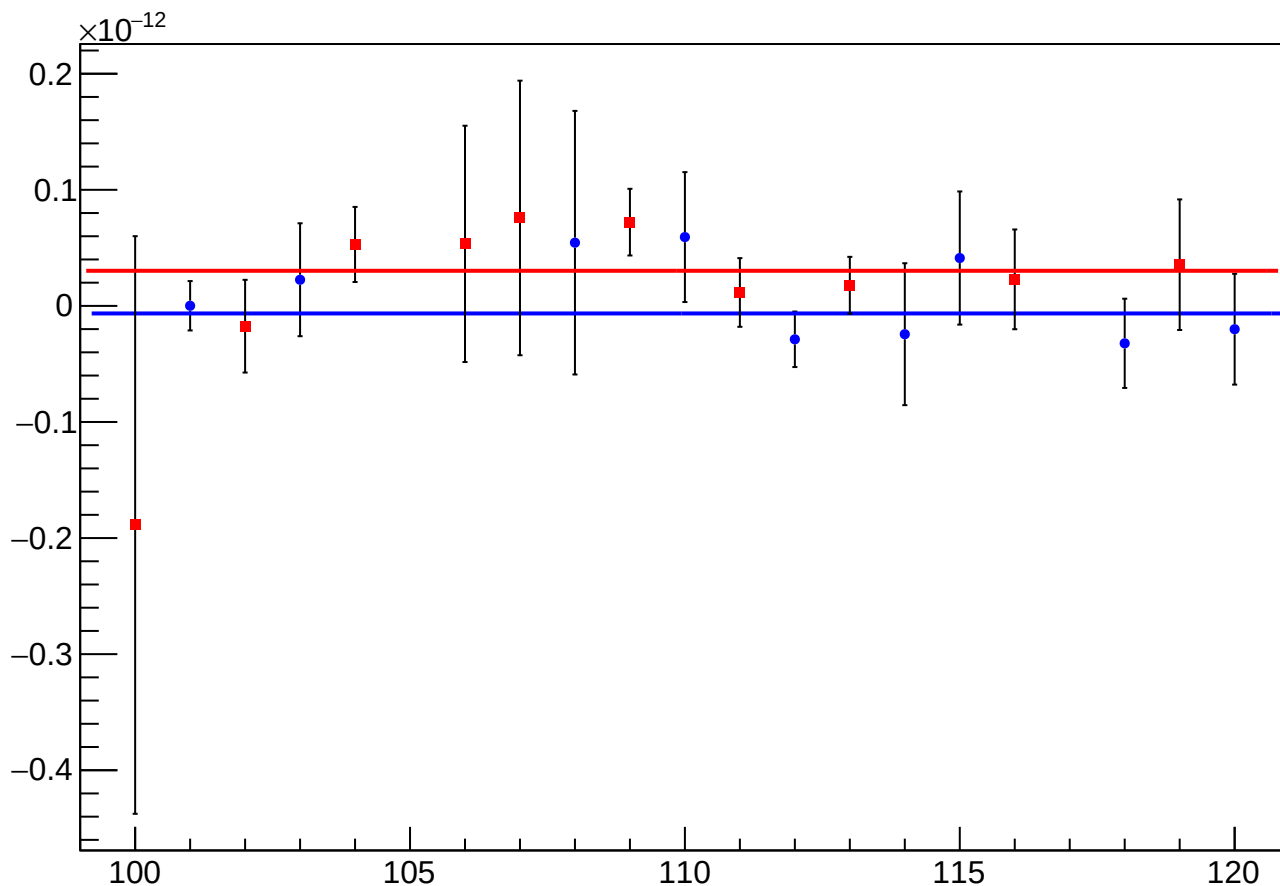
Right: 39.148 ± 0.010 $\chi^2/\text{NDF}: 73029.2/18$

In: 39.330 ± 0.015 $\chi^2/\text{NDF}: 48749.4/8$

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

All: 39.148 ± 0.010 $\chi^2/\text{NDF}: 73029.2/18$

asym_us_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.3/8

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

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

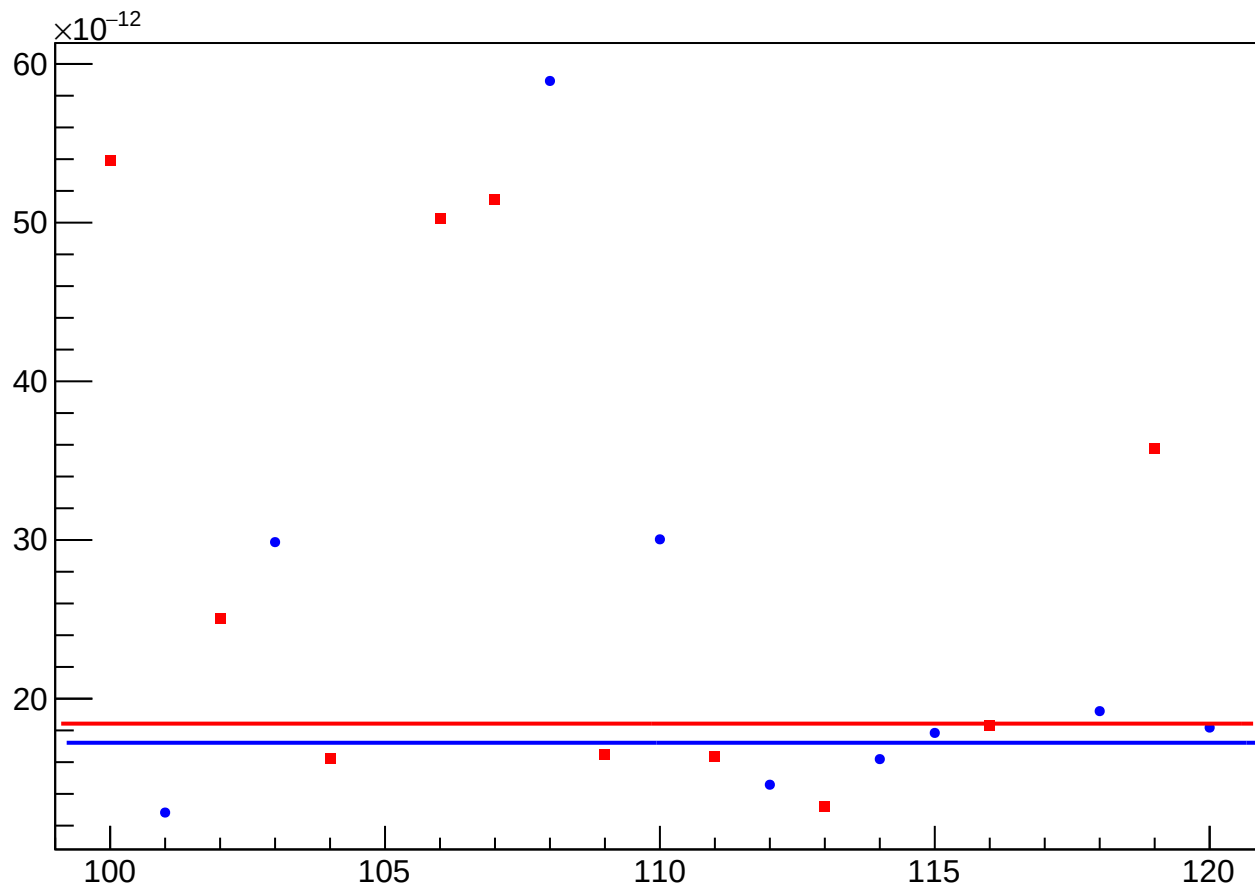
Right: 0.000+/-0.000 χ^2/NDF : 14.4/18

In: -0.000+/-0.000 χ^2/NDF :4.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.4/18

asym_us_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 627072.6/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

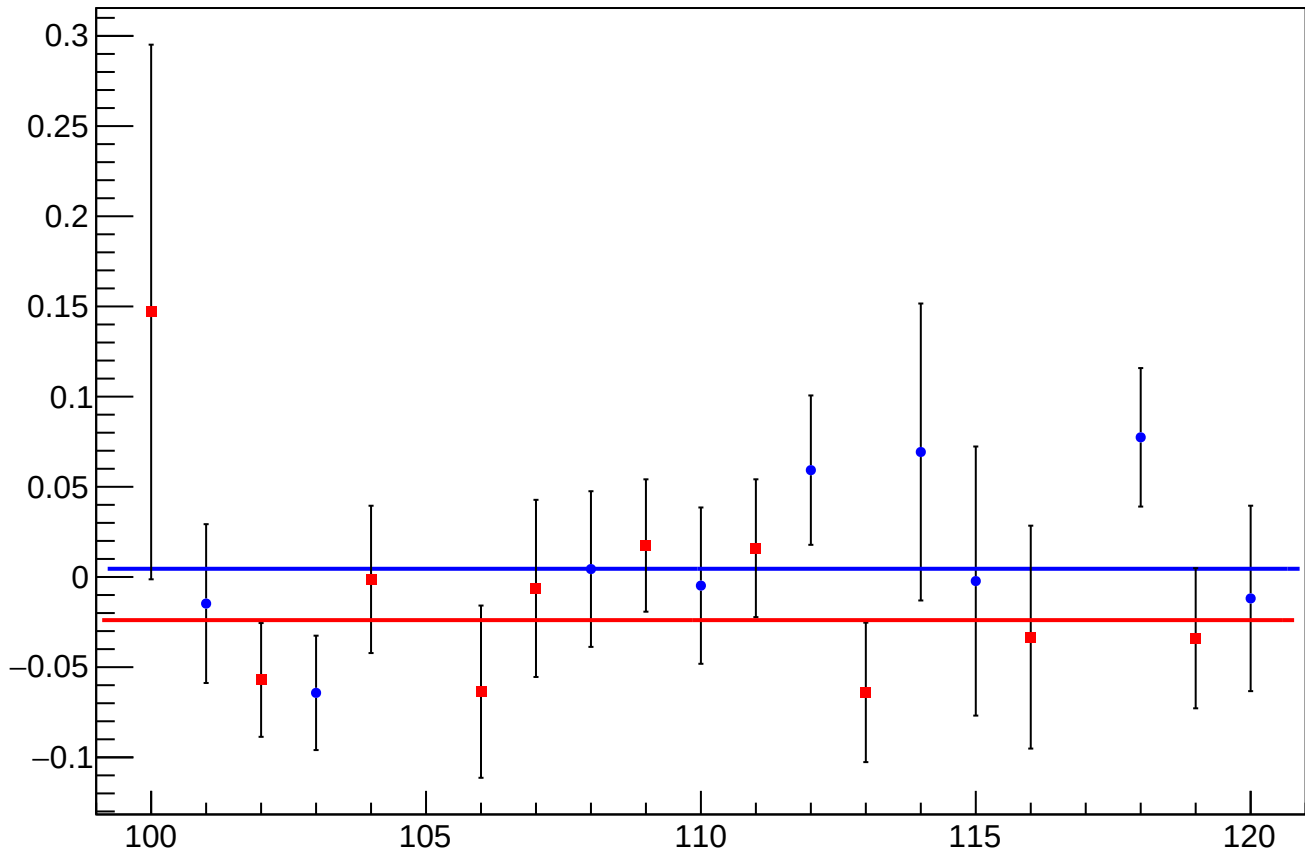
Right: 0.000+/-0.000 χ^2/NDF : 1393820.6/18

In: 0.000+/-0.000 χ^2/NDF : 627072.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1393820.6/18

asym_us_dd_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.015 χ^2/NDF : 11.0/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

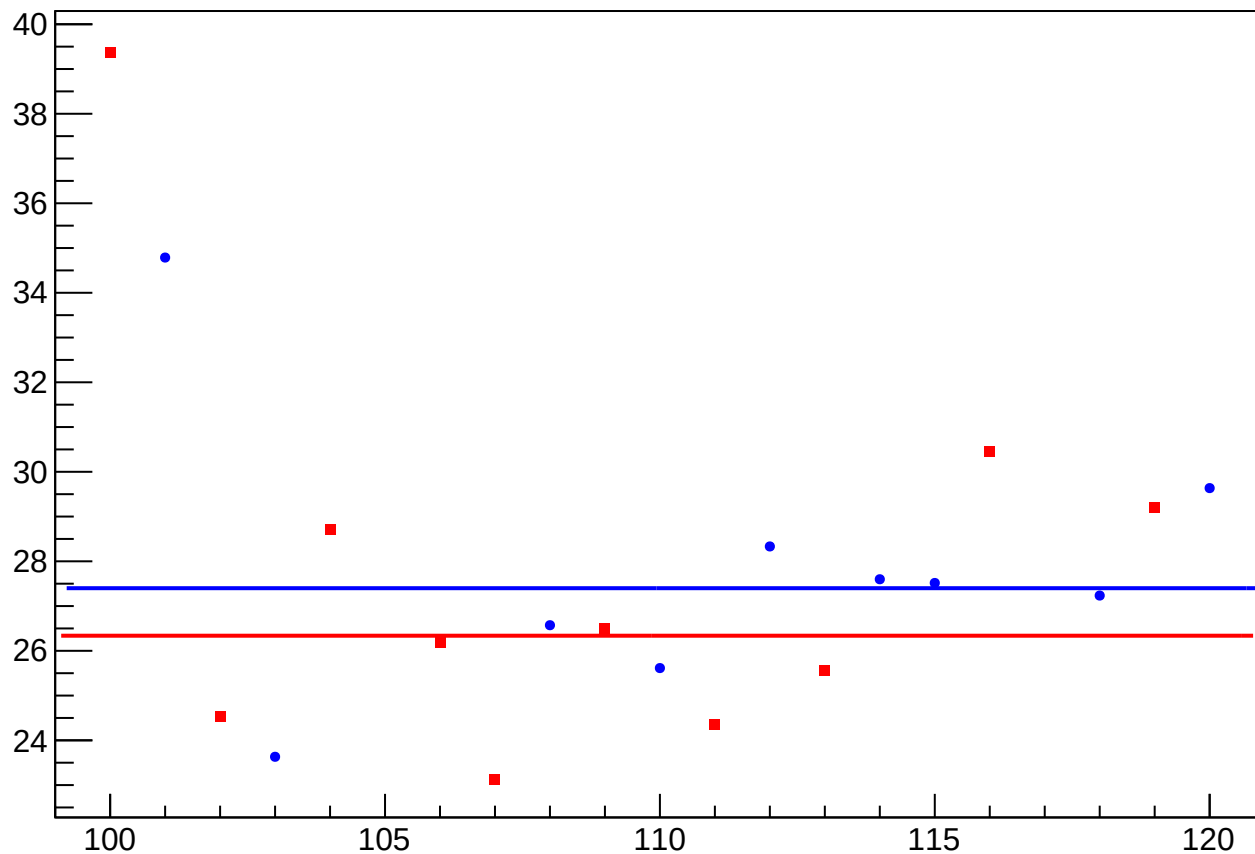
Right: -0.011+/-0.010 χ^2/NDF : 20.1/18

In: 0.005+/-0.015 χ^2/NDF : 11.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.010 χ^2/NDF : 20.1/18

asym_us_dd_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.399+/-0.010 χ^2/NDF : 93516.6/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

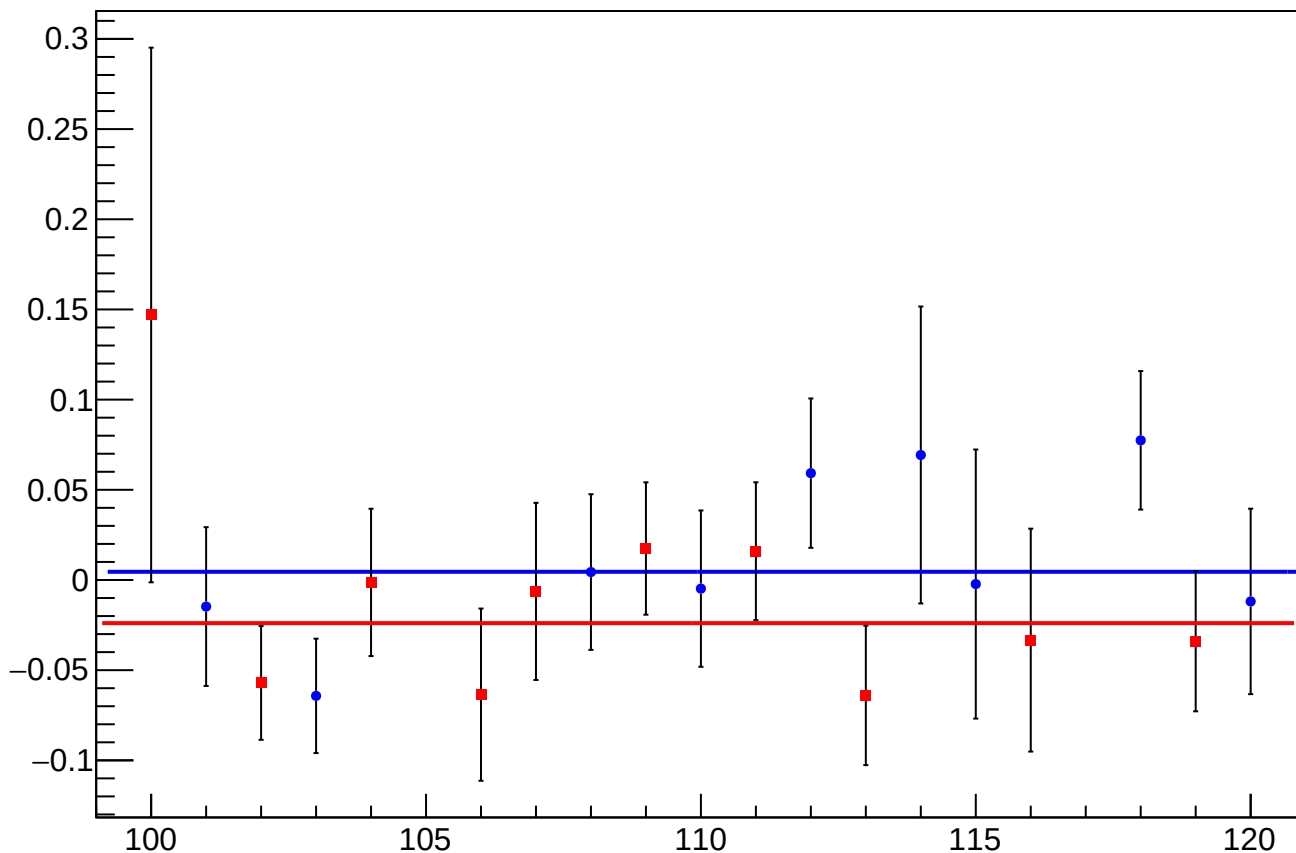
Right: 26.817+/-0.007 χ^2/NDF : 162340.1/18

In: 27.399+/-0.010 χ^2/NDF : 93516.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.817+/-0.007 χ^2/NDF : 162340.1/18

asym_us_dd_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.015 χ^2/NDF : 11.0/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

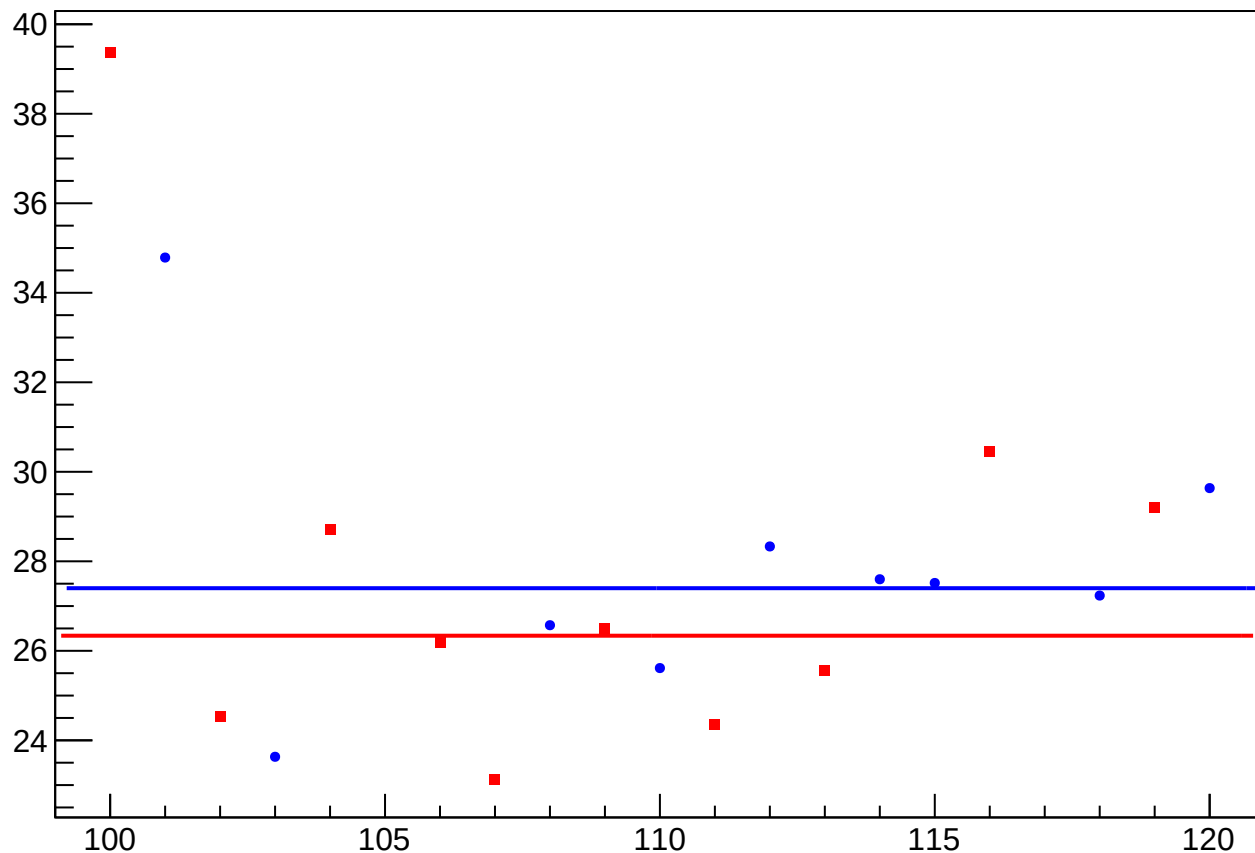
Right: -0.011+/-0.010 χ^2/NDF : 20.1/18

In: 0.005+/-0.015 χ^2/NDF : 11.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.010 χ^2/NDF : 20.1/18

asym_us_dd_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.399+/-0.010 χ^2/NDF : 93516.6/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

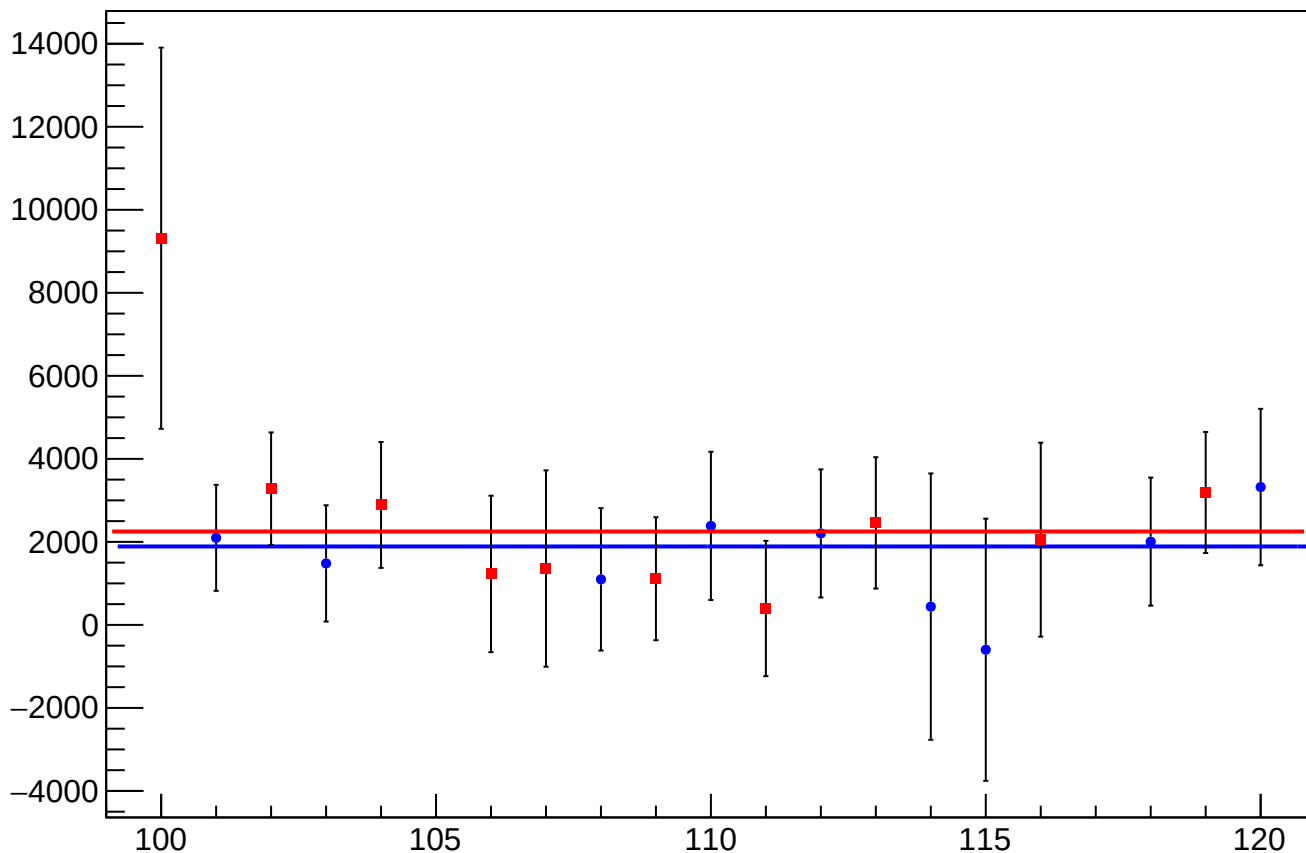
Right: 26.817+/-0.007 χ^2/NDF : 162340.1/18

In: 27.399+/-0.010 χ^2/NDF : 93516.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.817+/-0.007 χ^2/NDF : 162340.1/18

reg_asym_usl_mean vs Slug, Sign Corrected



Right In: 1889.314+/-568.388 χ^2/NDF : 1.9/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

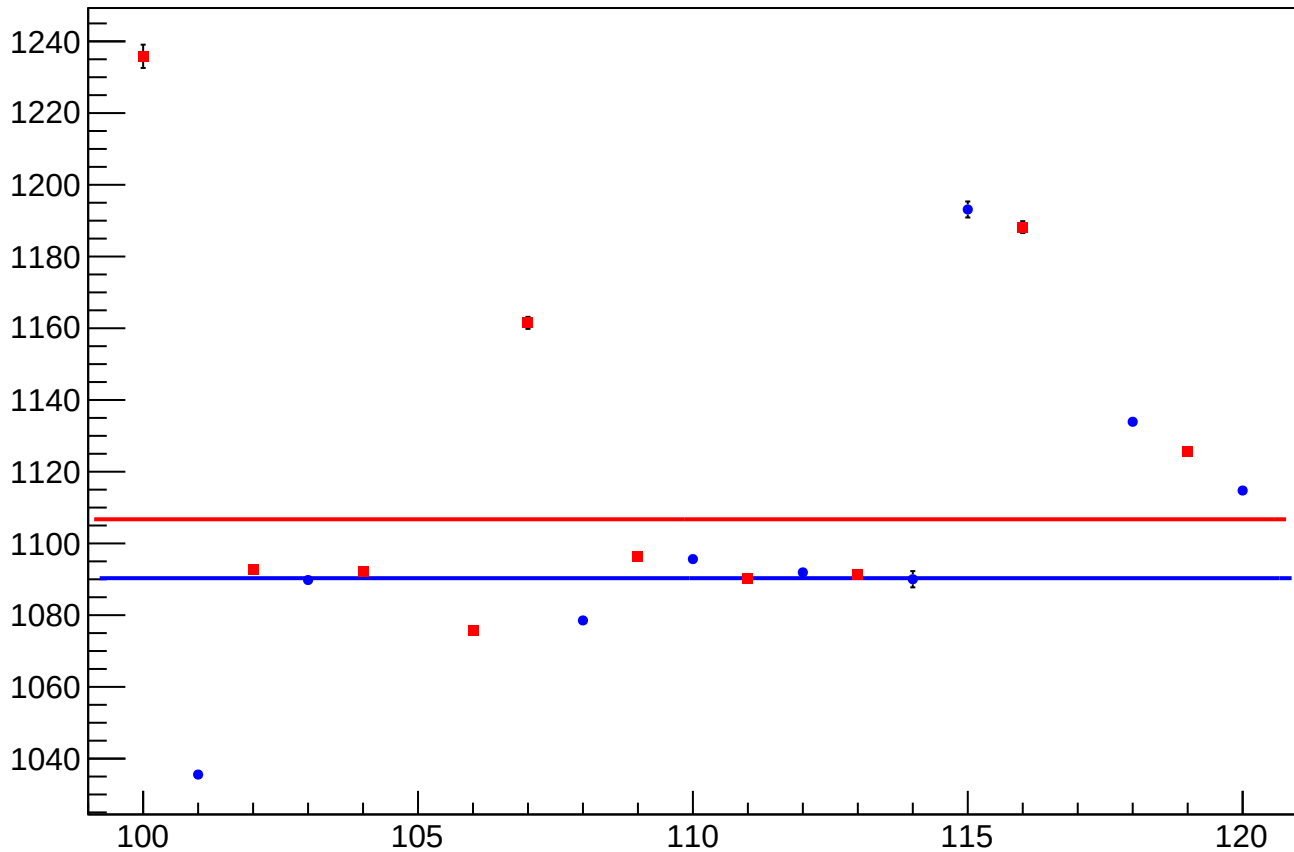
Right: 2077.452+/-393.208 χ^2/NDF : 7.9/18

In: 1889.314+/-568.388 χ^2/NDF : 1.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2077.452+/-393.208 χ^2/NDF : 7.9/18

reg_asym_usl_rms vs Slug, Sign Corrected



Right In: 1090.311+/-0.402 χ^2/NDF : 7846.9/8

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

Right Out: 1106.734+/-0.385 χ^2/NDF : 6847.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

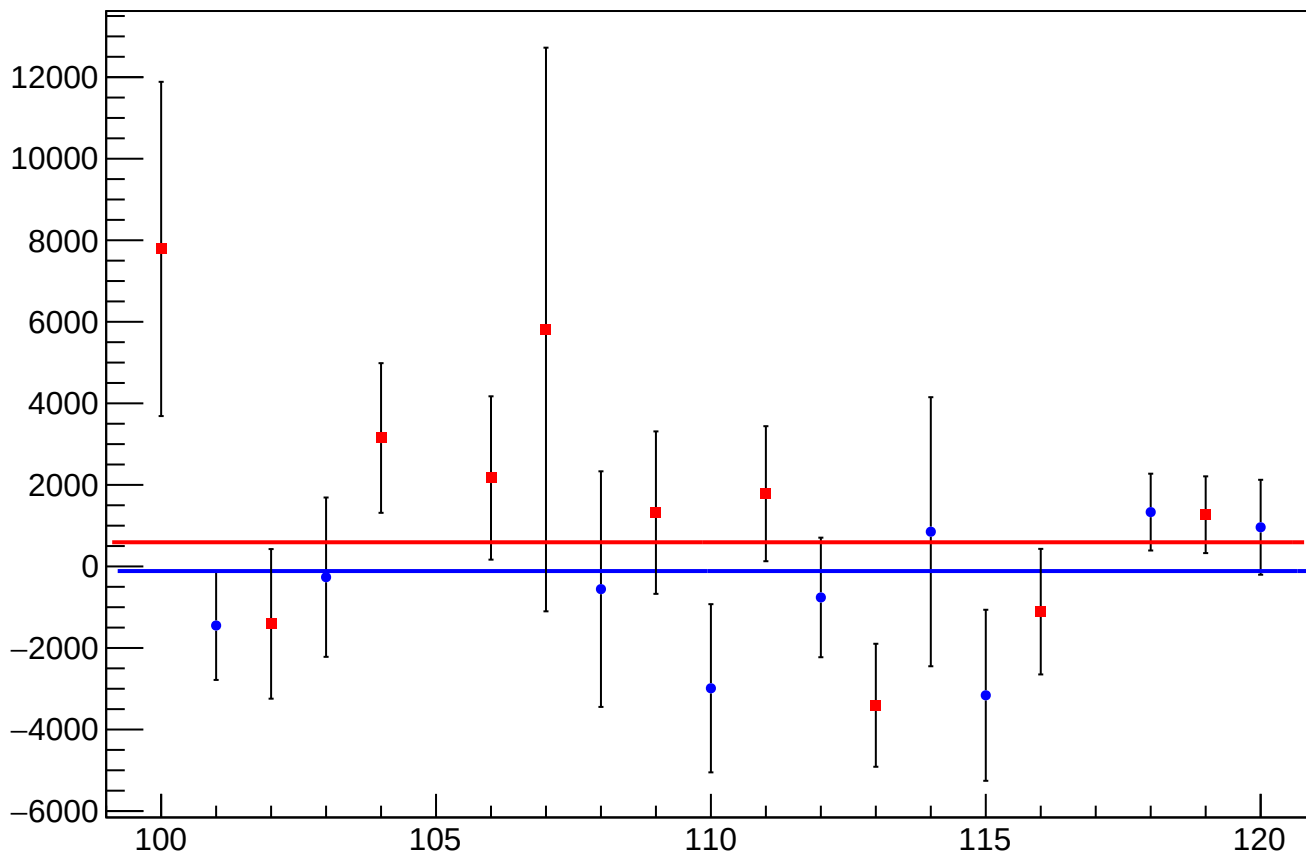
Right: 1098.874+/-0.278 χ^2/NDF : 15564.7/18

In: 1090.311+/-0.402 χ^2/NDF : 7846.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1098.874+/-0.278 χ^2/NDF : 15564.7/18

asym_usl_reg_correction_mean vs Slug, Sign Corrected



Right In: -113.279+/-511.142 χ^2/NDF : 8.6/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

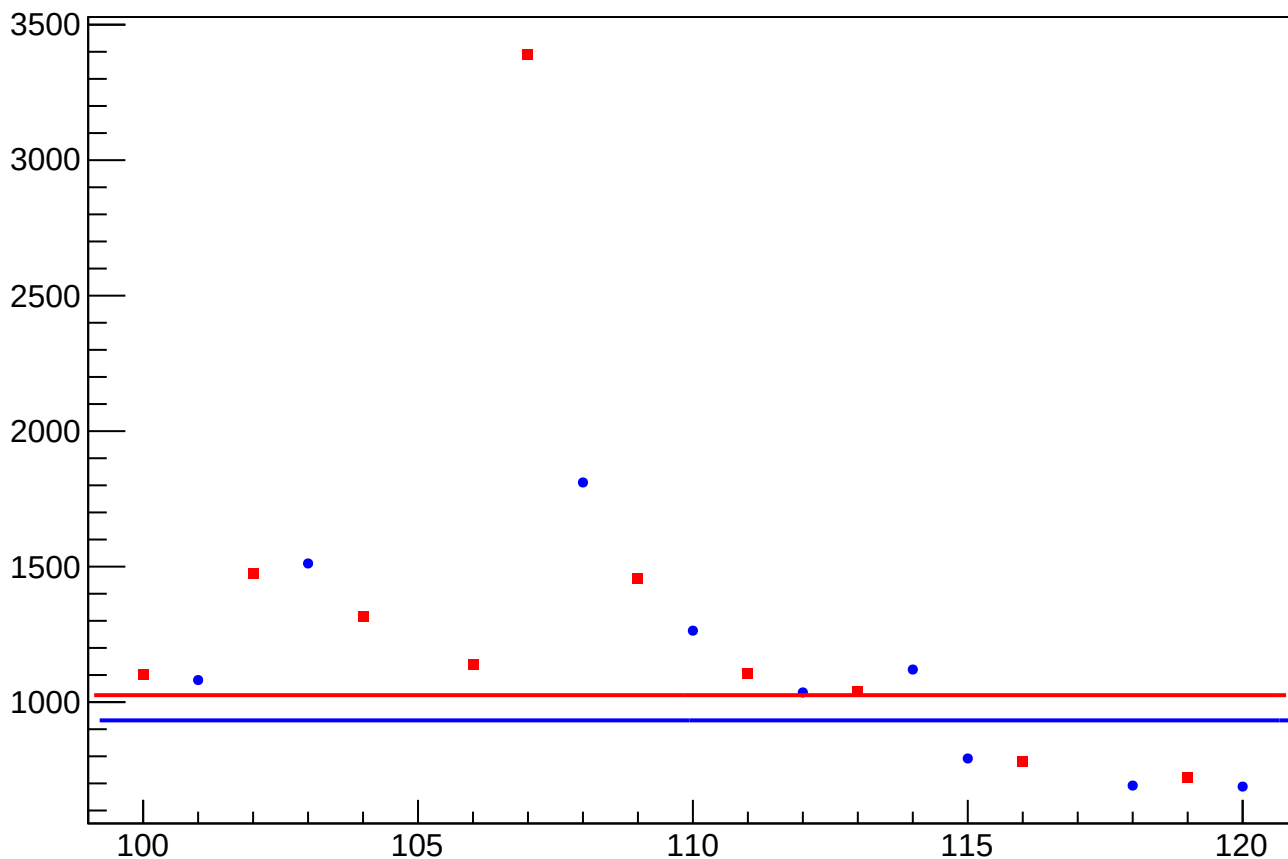
Right: 225.472+/-368.667 χ^2/NDF : 26.3/18

In: -113.279+/-511.142 χ^2/NDF : 8.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 225.472+/-368.667 χ^2/NDF : 26.3/18

asym_usl_reg_correction_rms vs Slug, Sign Corrected



Right In: 932.620+/-0.361 χ^2/NDF : 680594.0/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

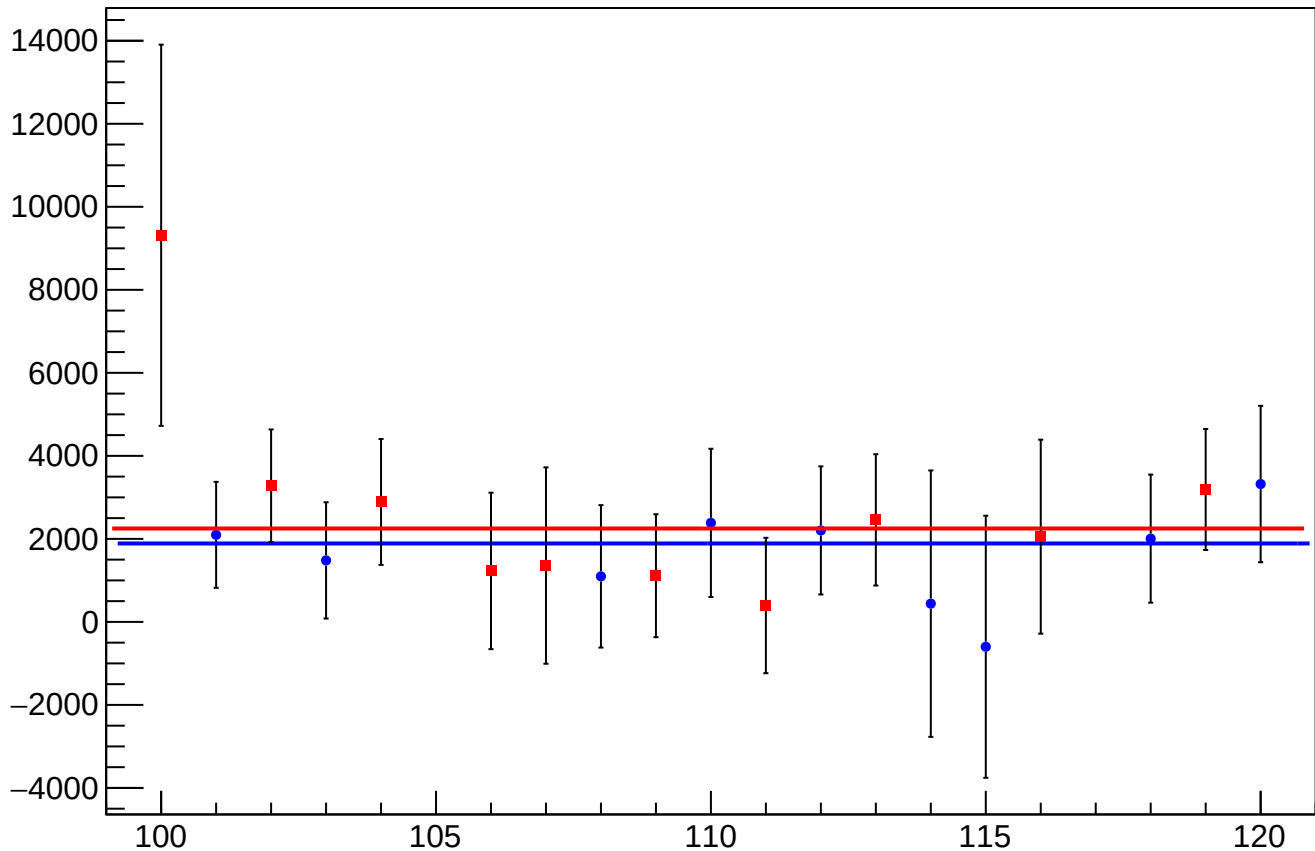
Right: 977.242+/-0.261 χ^2/NDF : 1478442.9/18

In: 932.620+/-0.361 χ^2/NDF : 680594.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 977.242+/-0.261 χ^2/NDF : 1478442.9/18

cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 1889.314+/-568.388 χ^2/NDF : 1.9/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

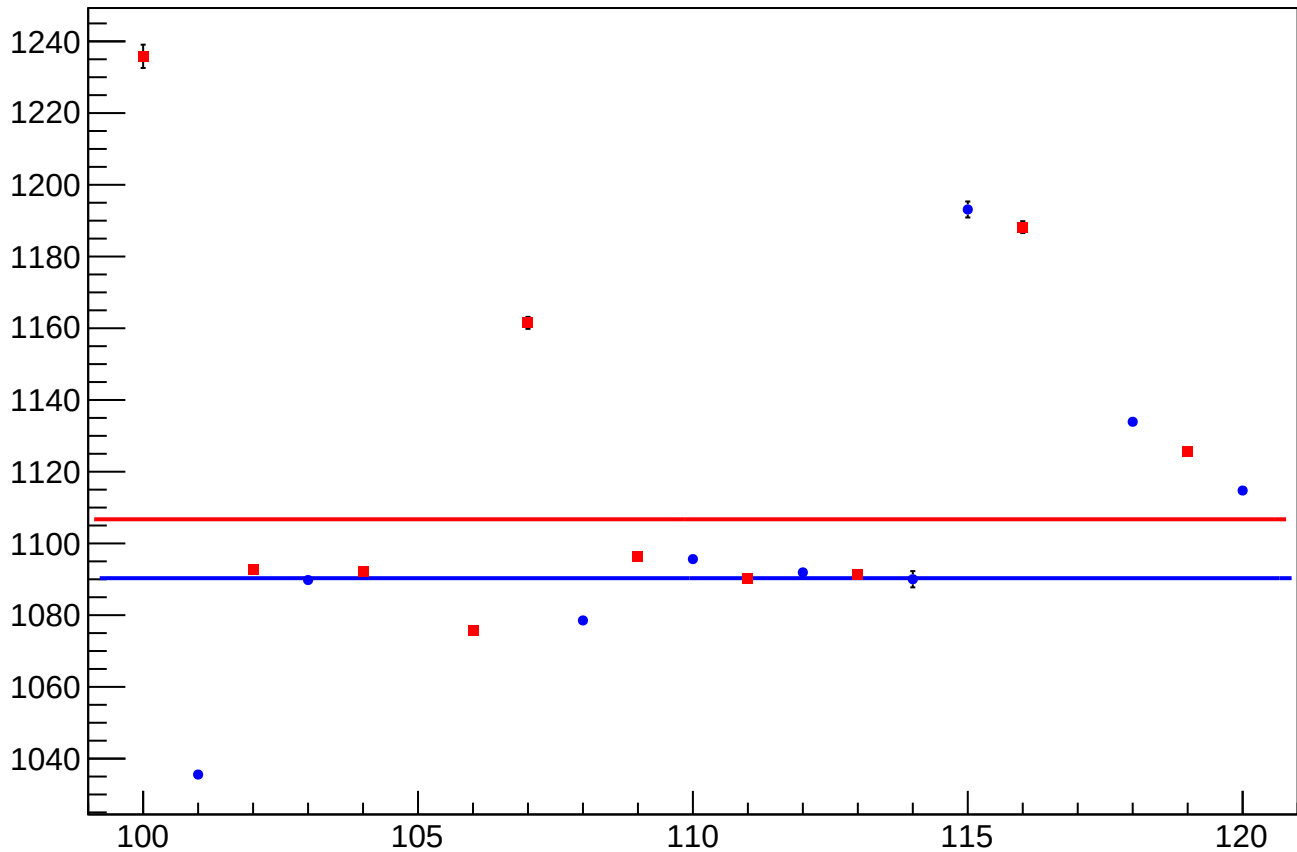
Right: 2077.452+/-393.208 χ^2/NDF : 7.9/18

In: 1889.314+/-568.388 χ^2/NDF : 1.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2077.452+/-393.208 χ^2/NDF : 7.9/18

cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1090.311+/-0.402 χ^2/NDF : 7846.9/8

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

Right Out: 1106.734+/-0.385 χ^2/NDF : 6847.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

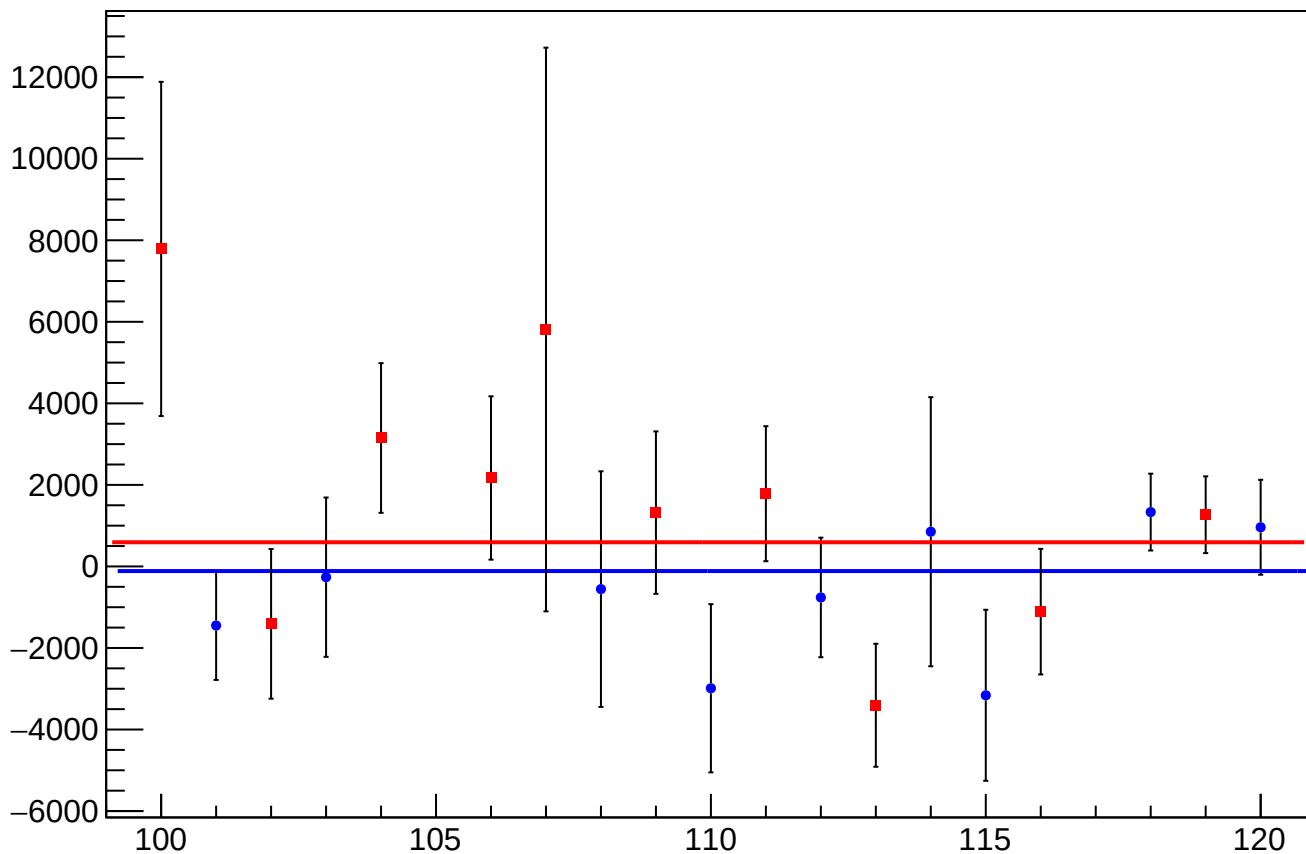
Right: 1098.874+/-0.278 χ^2/NDF : 15564.7/18

In: 1090.311+/-0.402 χ^2/NDF : 7846.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1098.874+/-0.278 χ^2/NDF : 15564.7/18

asym_usl_cor_correction_mean vs Slug, Sign Corrected



Right In: -113.279+/-511.142 χ^2/NDF : 8.6/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

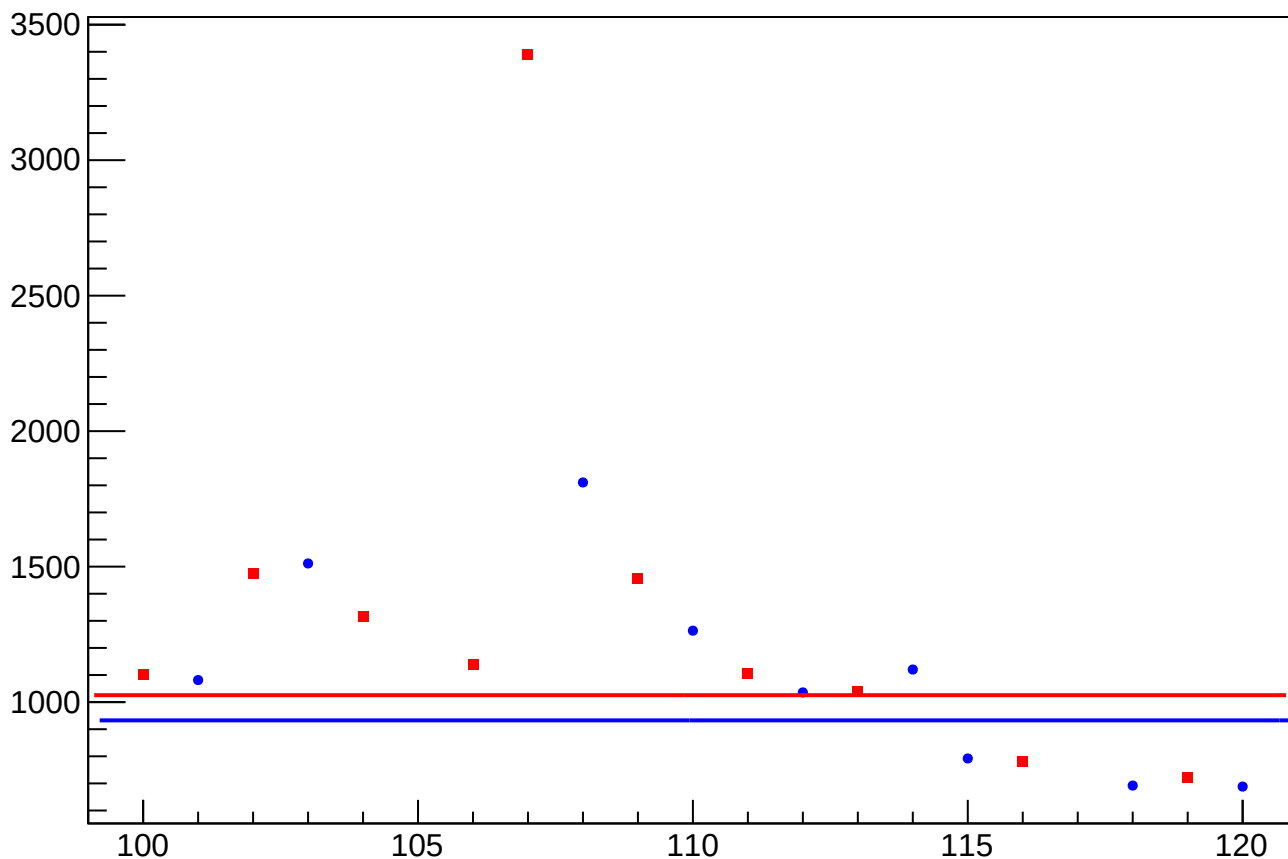
Right: 225.472+/-368.667 χ^2/NDF : 26.3/18

In: -113.279+/-511.142 χ^2/NDF : 8.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 225.472+/-368.667 χ^2/NDF : 26.3/18

asym_usl_cor_correction_rms vs Slug, Sign Corrected



Right In: 932.620+/-0.361 χ^2/NDF : 680594.0/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

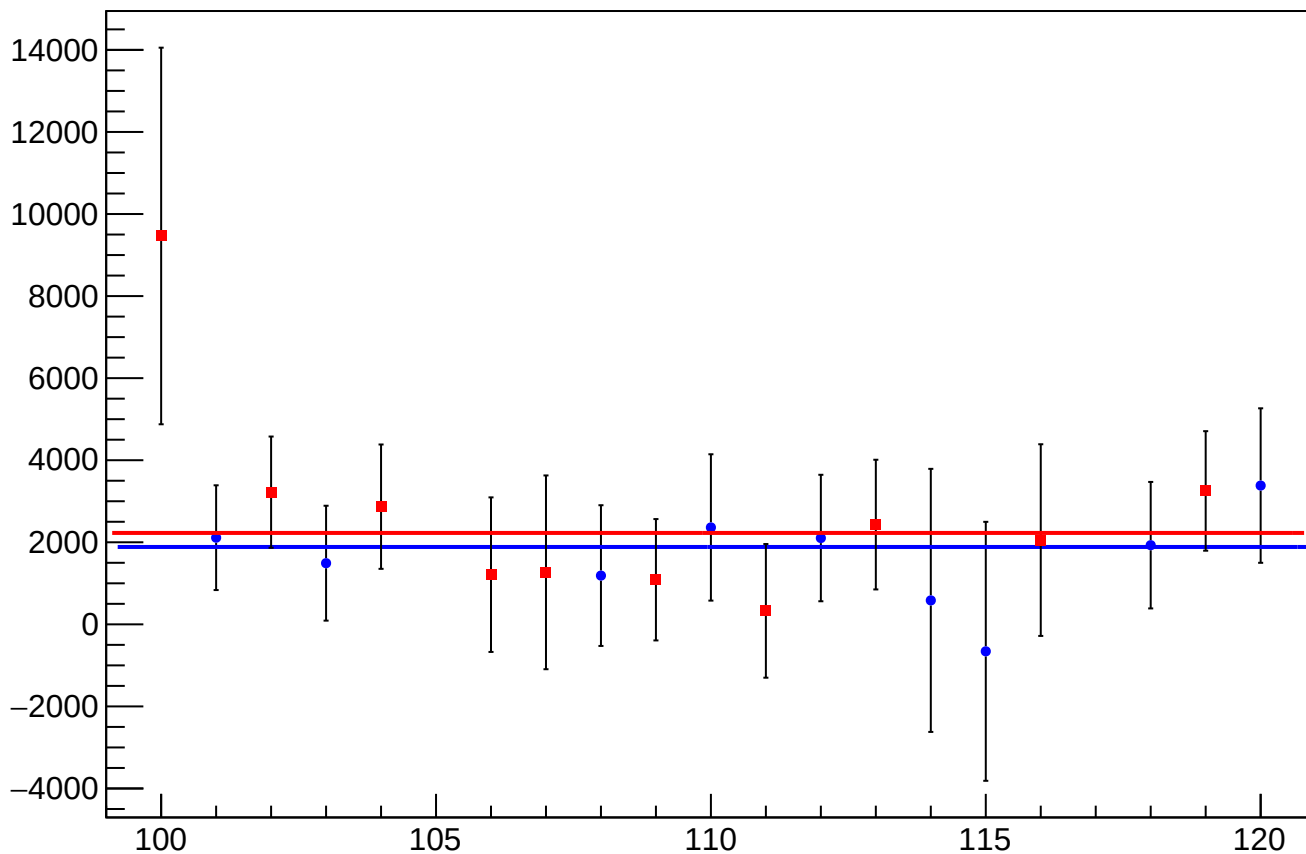
Right: 977.242+/-0.261 χ^2/NDF : 1478442.9/18

In: 932.620+/-0.361 χ^2/NDF : 680594.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 977.242+/-0.261 χ^2/NDF : 1478442.9/18

overload_cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 1885.851+/-567.931 χ^2/NDF : 1.8/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

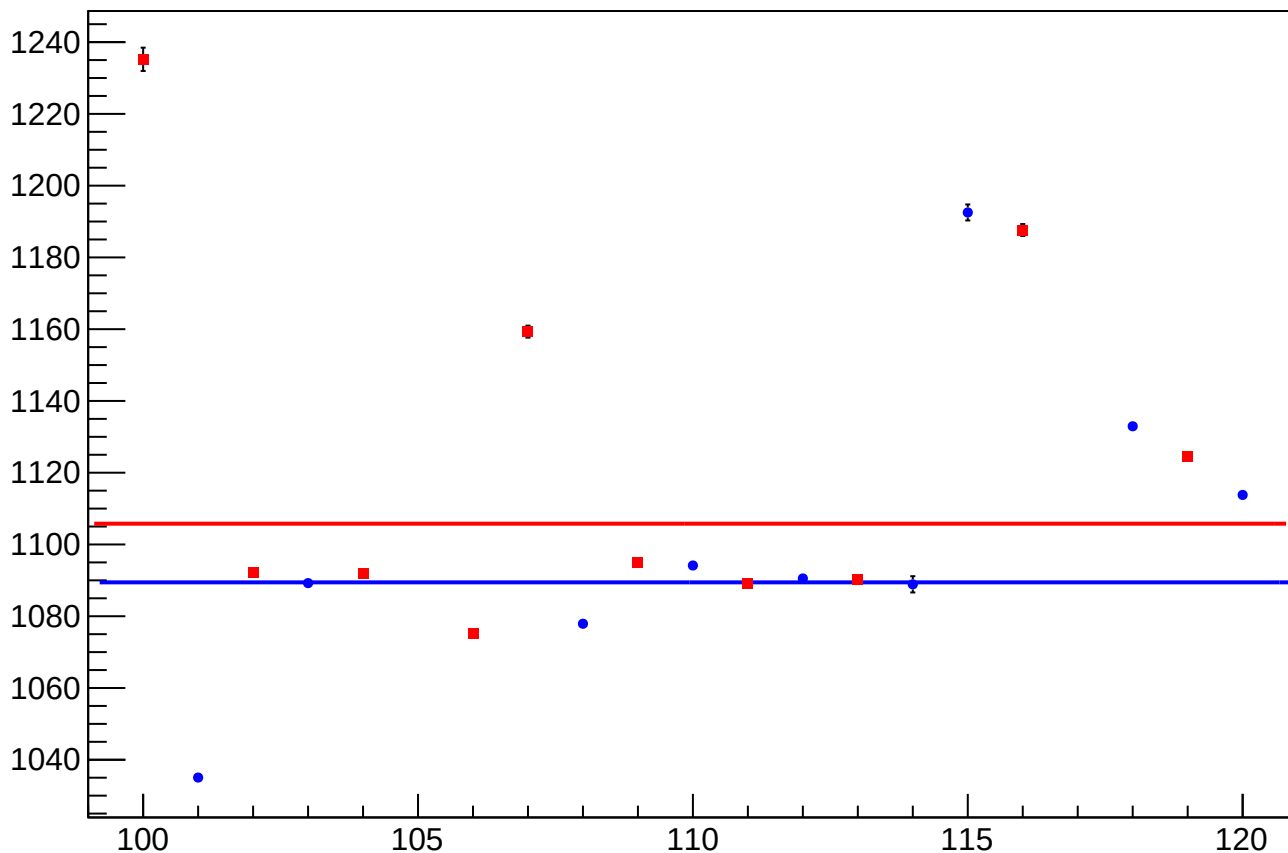
Right: 2064.174+/-392.882 χ^2/NDF : 8.1/18

In: 1885.851+/-567.931 χ^2/NDF : 1.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2064.174+/-392.882 χ^2/NDF : 8.1/18

overload_cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1089.440+/-0.402 χ^2/NDF : 7800.3/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

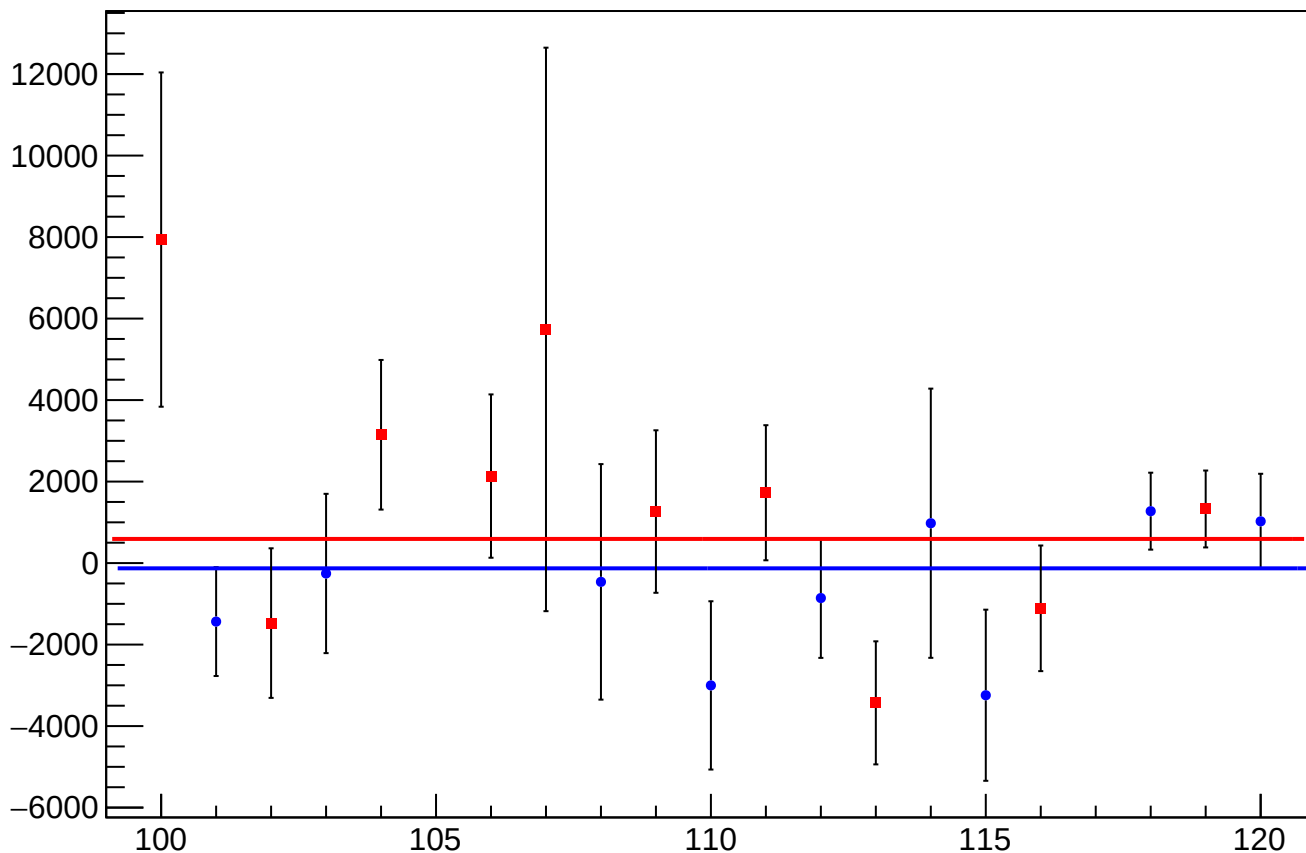
Right: 1097.967+/-0.278 χ^2/NDF : 15482.7/18

In: 1089.440+/-0.402 χ^2/NDF : 7800.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1097.967+/-0.278 χ^2/NDF : 15482.7/18

asym_usl_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: -128.962+/-511.922 χ^2 /NDF: 8.7/8

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

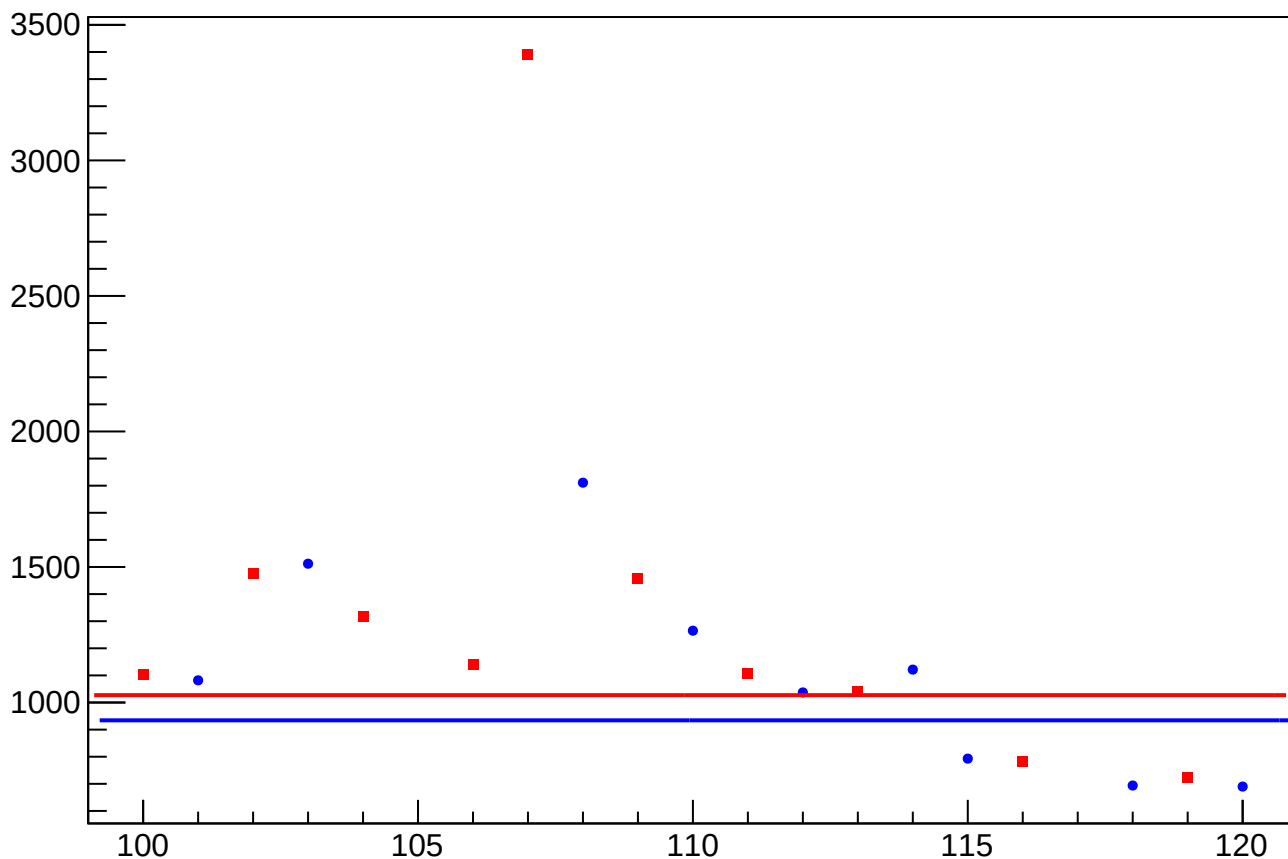
Right: 217.337+/-369.179 χ^2 /NDF: 26.7/18

In: -128.962+/-511.922 χ^2 /NDF:8.7/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 217.337+/-369.179 χ^2 /NDF: 26.7/18

asym_usl_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 934.256+/-0.362 χ^2/NDF : 677602.2/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

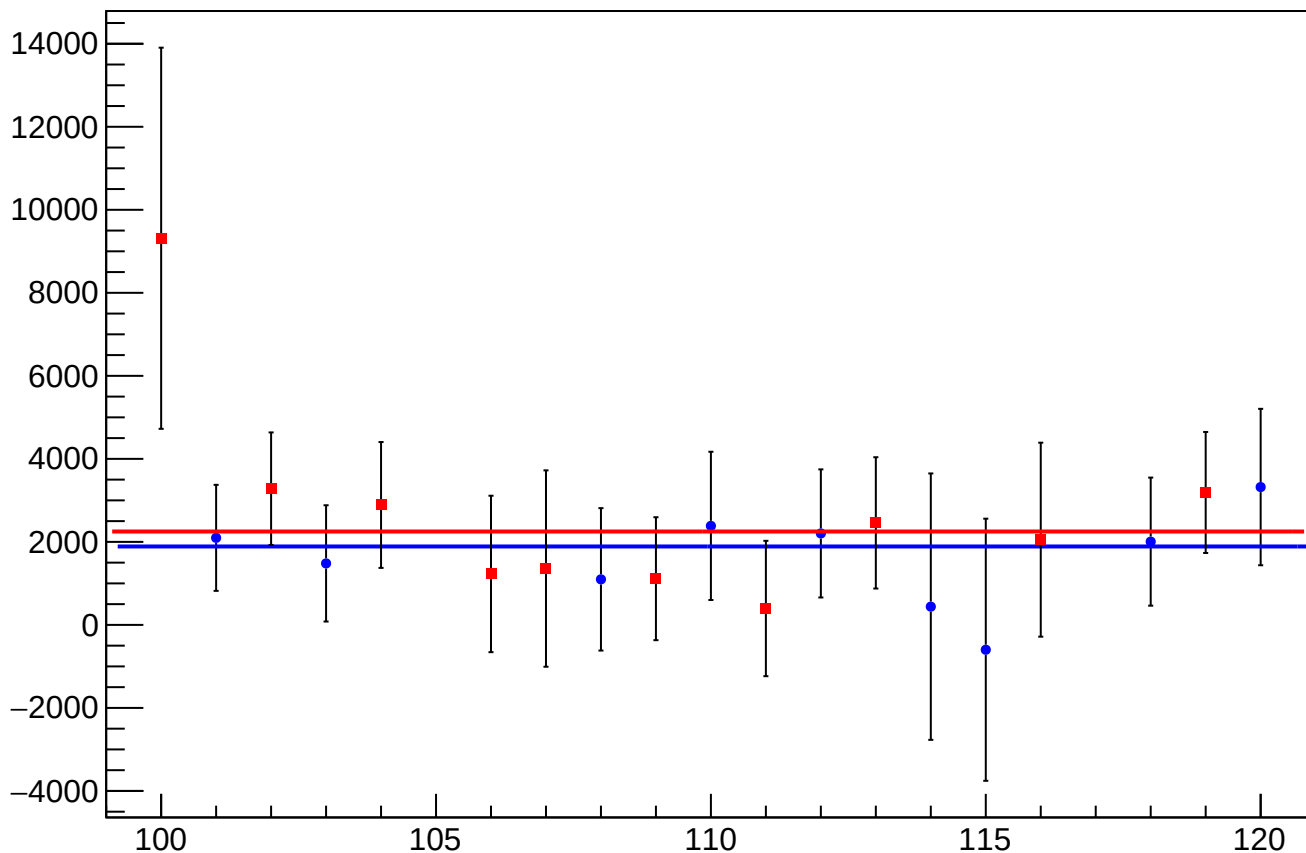
Right: 978.813+/-0.261 χ^2/NDF : 1472529.2/18

In: 934.256+/-0.362 χ^2/NDF : 677602.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 978.813+/-0.261 χ^2/NDF : 1472529.2/18

eigen_cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 1889.314+/-568.388 χ^2/NDF : 1.9/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

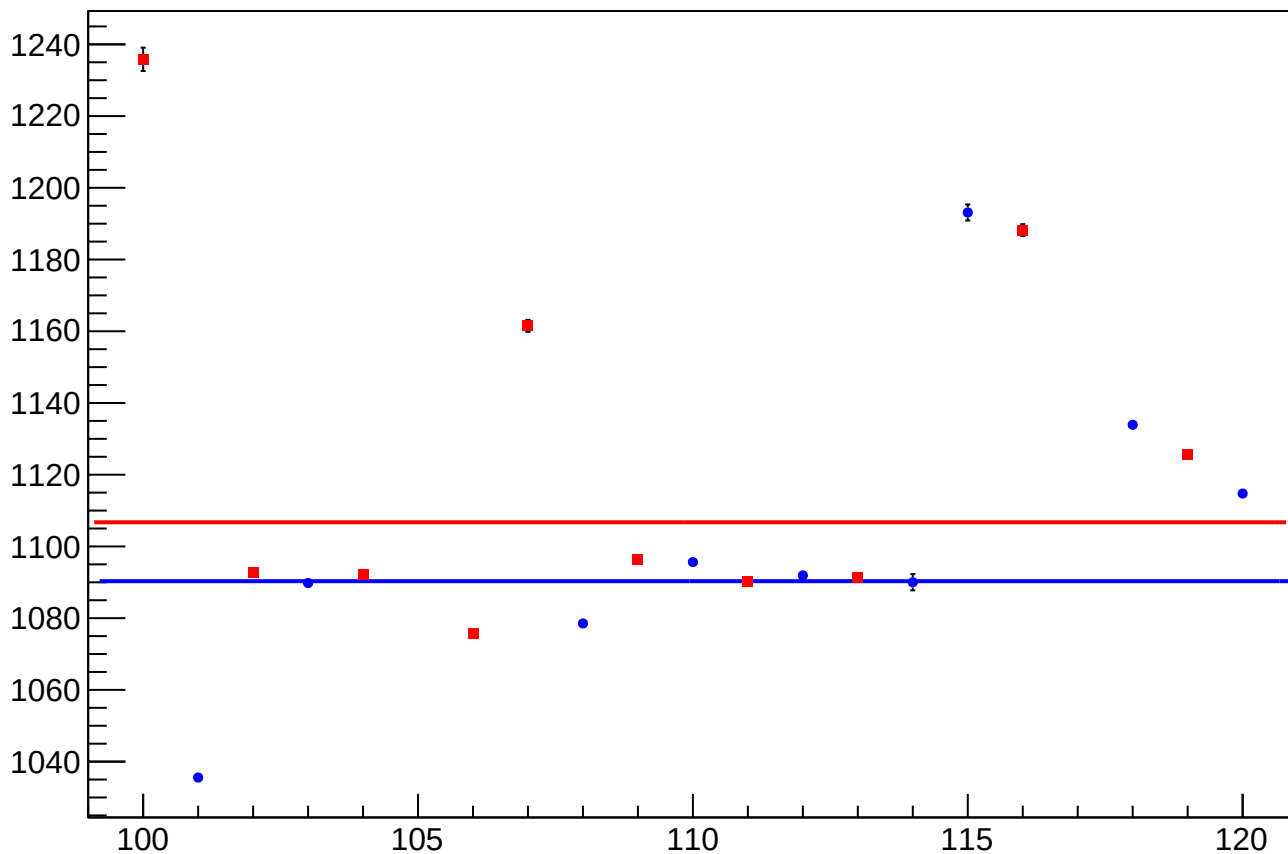
Right: 2077.452+/-393.208 χ^2/NDF : 7.9/18

In: 1889.314+/-568.388 χ^2/NDF : 1.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2077.452+/-393.208 χ^2/NDF : 7.9/18

eigen_cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1090.311+/-0.402 χ^2/NDF : 7846.9/8

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

Right Out: 1106.734+/-0.385 χ^2/NDF : 6847.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

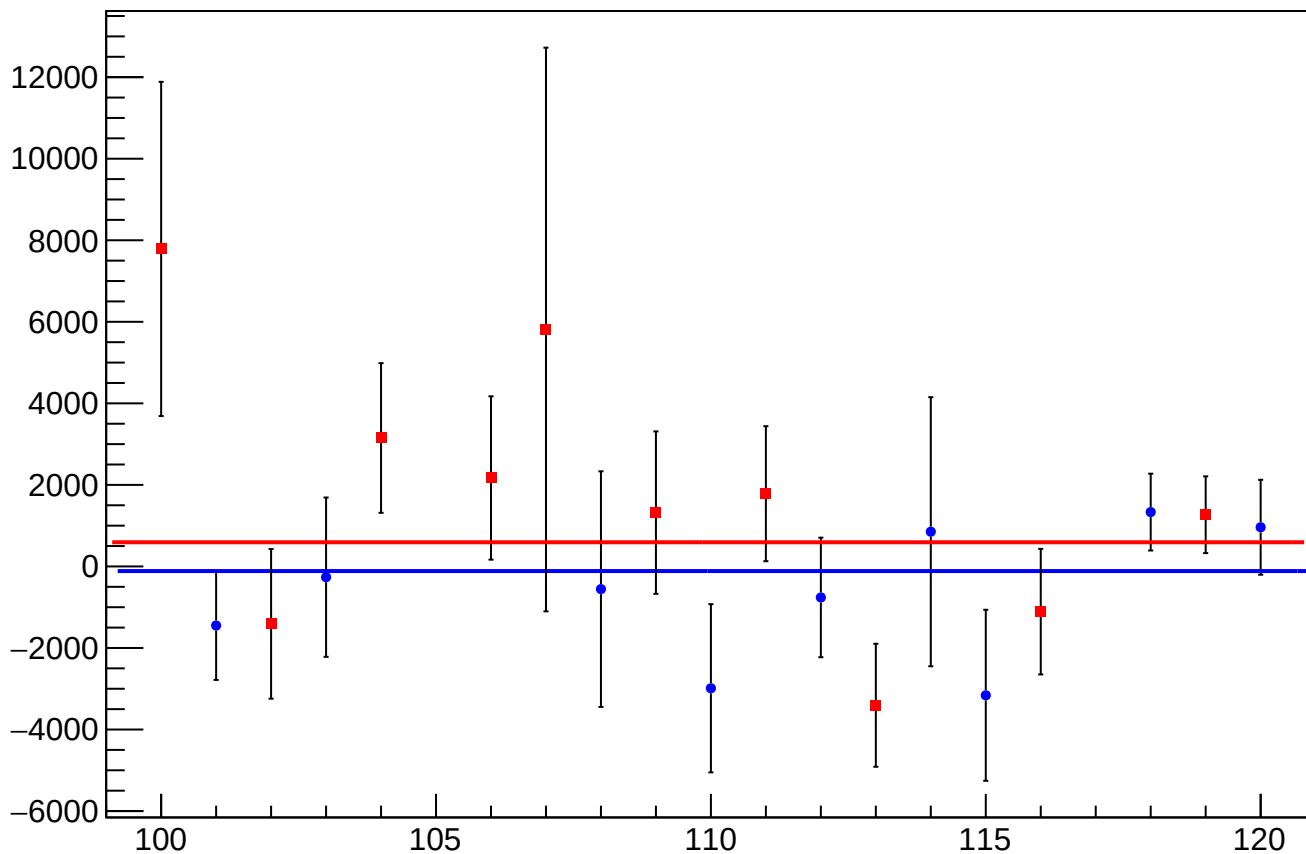
Right: 1098.874+/-0.278 χ^2/NDF : 15564.7/18

In: 1090.311+/-0.402 χ^2/NDF : 7846.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1098.874+/-0.278 χ^2/NDF : 15564.7/18

asym_usl_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -113.279+/-511.142 χ^2/NDF : 8.6/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

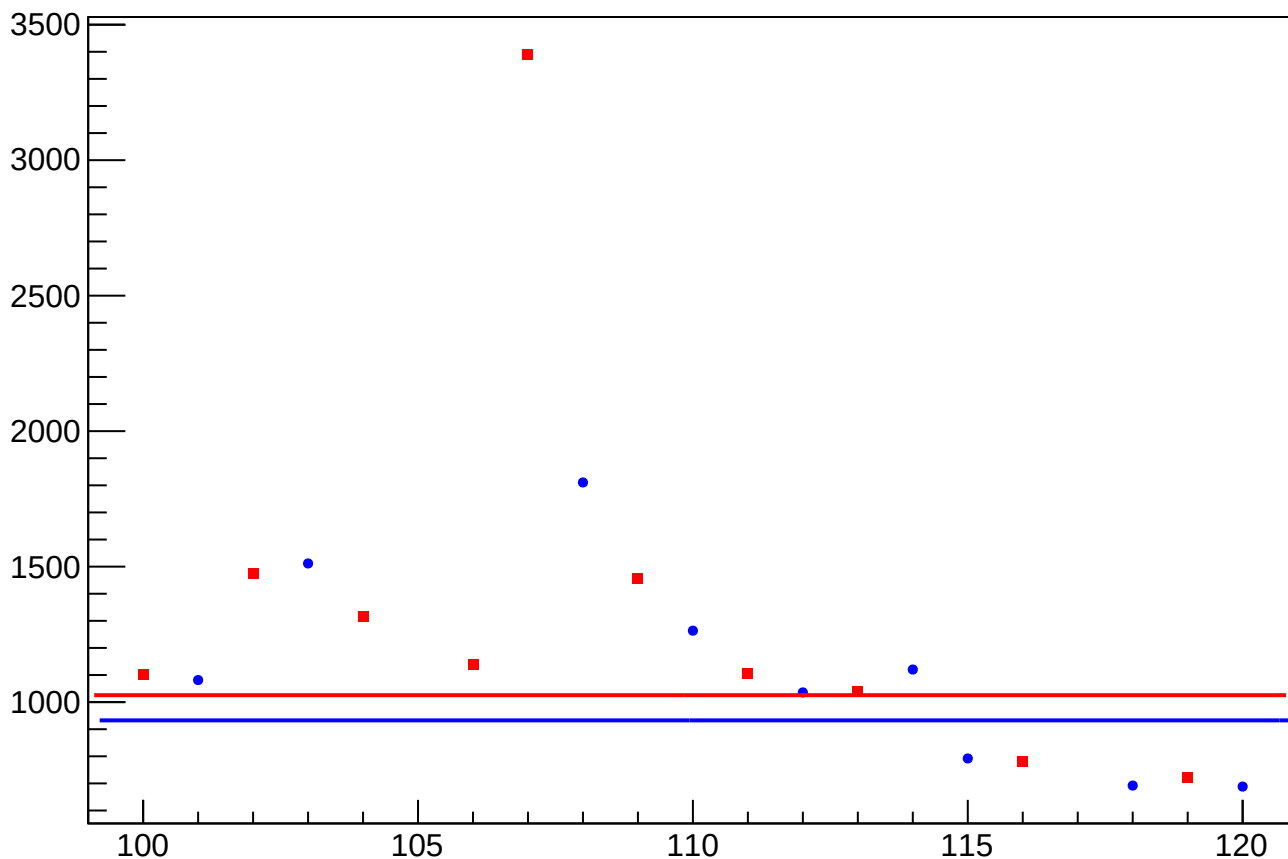
Right: 225.472+/-368.667 χ^2/NDF : 26.3/18

In: -113.279+/-511.142 χ^2/NDF : 8.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 225.472+/-368.667 χ^2/NDF : 26.3/18

asym_usl_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 932.620+/-0.361 χ^2/NDF : 680594.0/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

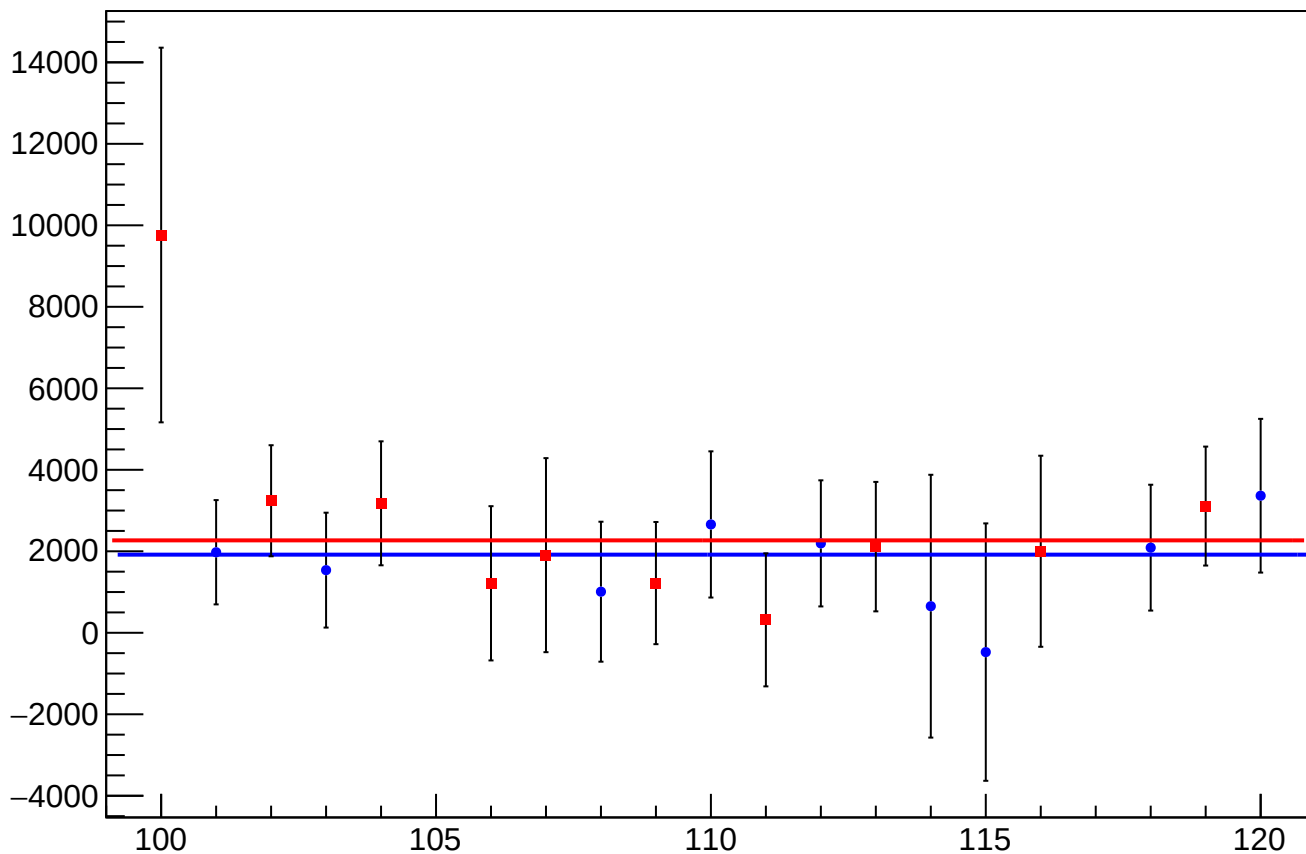
Right: 977.242+/-0.261 χ^2/NDF : 1478442.9/18

In: 932.620+/-0.361 χ^2/NDF : 680594.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 977.242+/-0.261 χ^2/NDF : 1478442.9/18

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1917.523+/-570.006 χ^2/NDF : 1.9/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

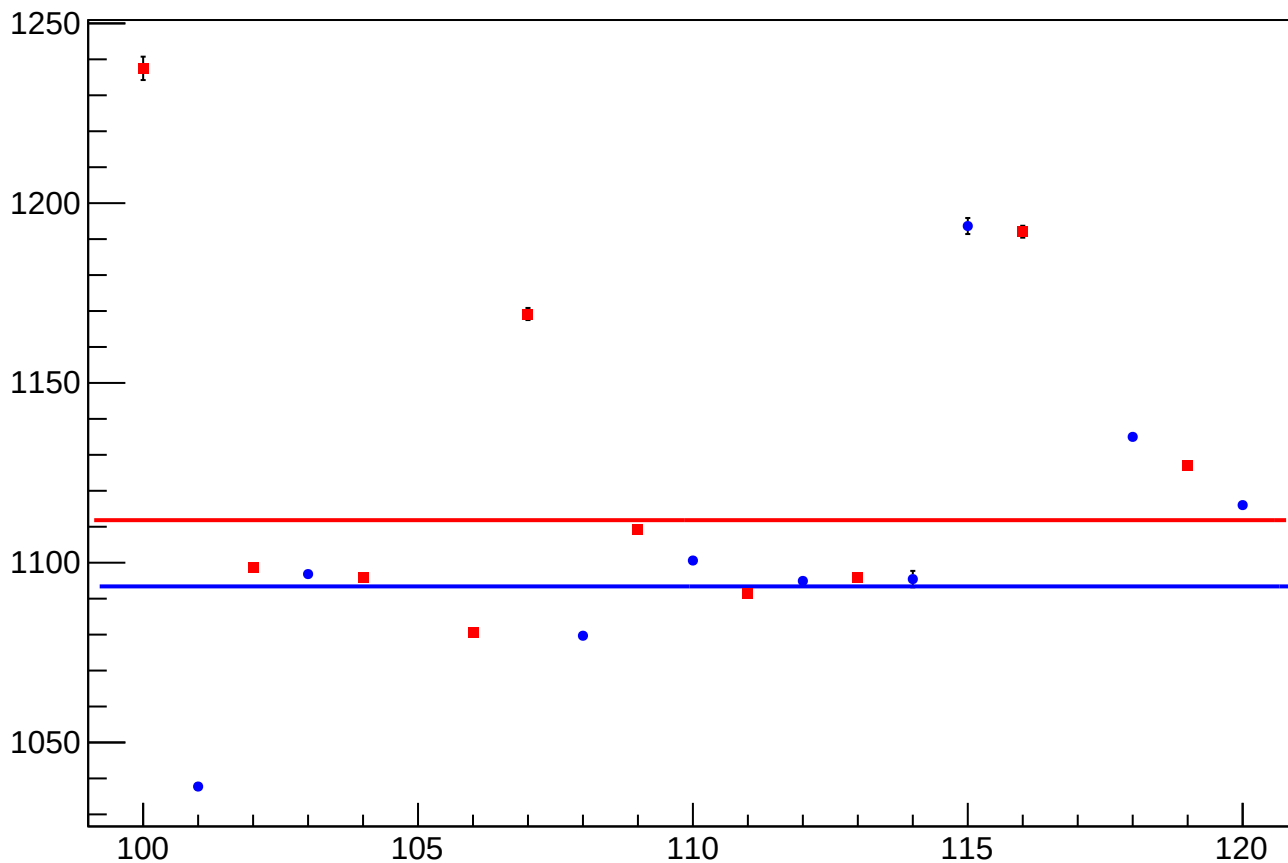
Right: 2099.980+/-394.707 χ^2/NDF : 8.2/18

In: 1917.523+/-570.006 χ^2/NDF : 1.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2099.980+/-394.707 χ^2/NDF : 8.2/18

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1093.407+/-0.403 χ^2/NDF : 7710.0/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

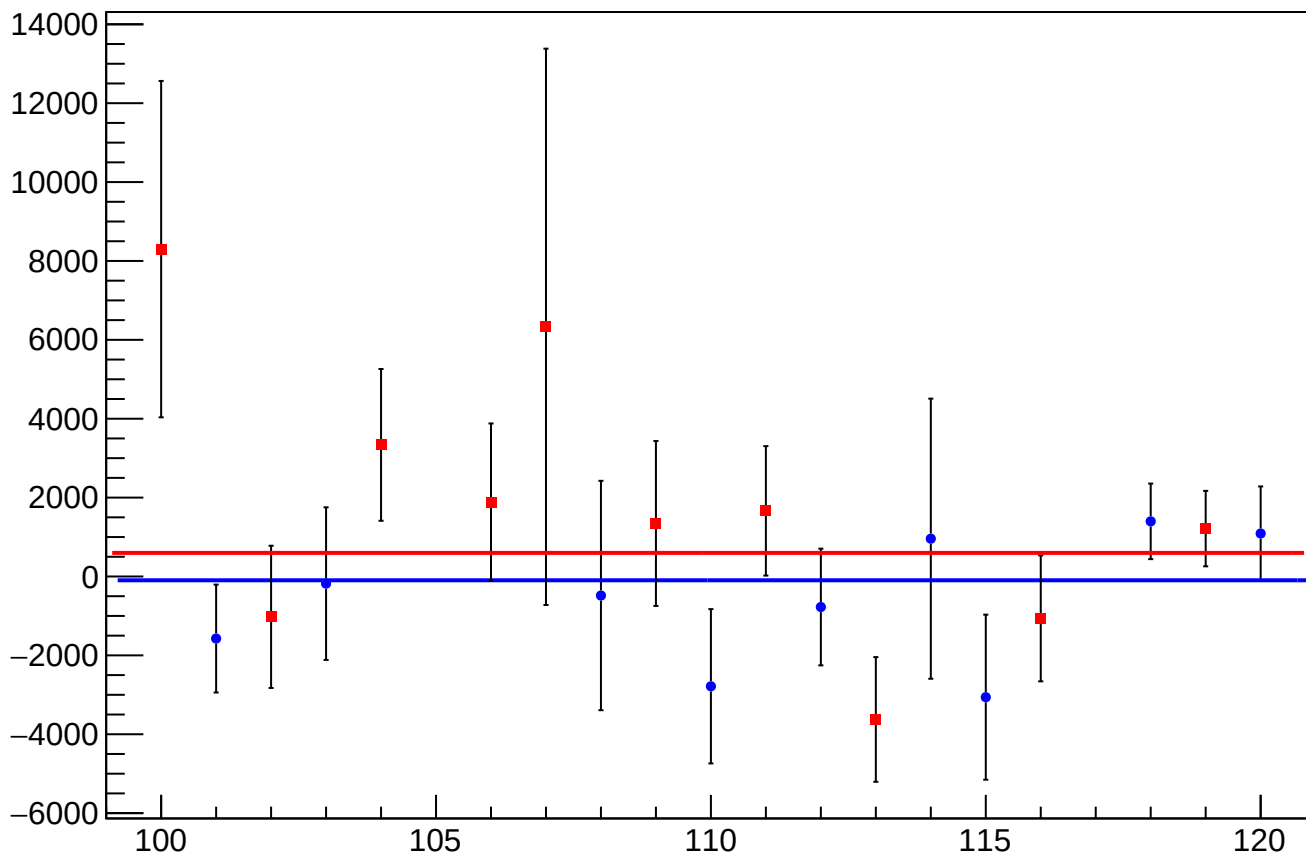
Right: 1102.997+/-0.279 χ^2/NDF : 15477.6/18

In: 1093.407+/-0.403 χ^2/NDF : 7710.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1102.997+/-0.279 χ^2/NDF : 15477.6/18

asym_usl_dit_correction_mean vs Slug, Sign Corrected



Right In: -96.251+/-517.159 χ^2/NDF : 8.8/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

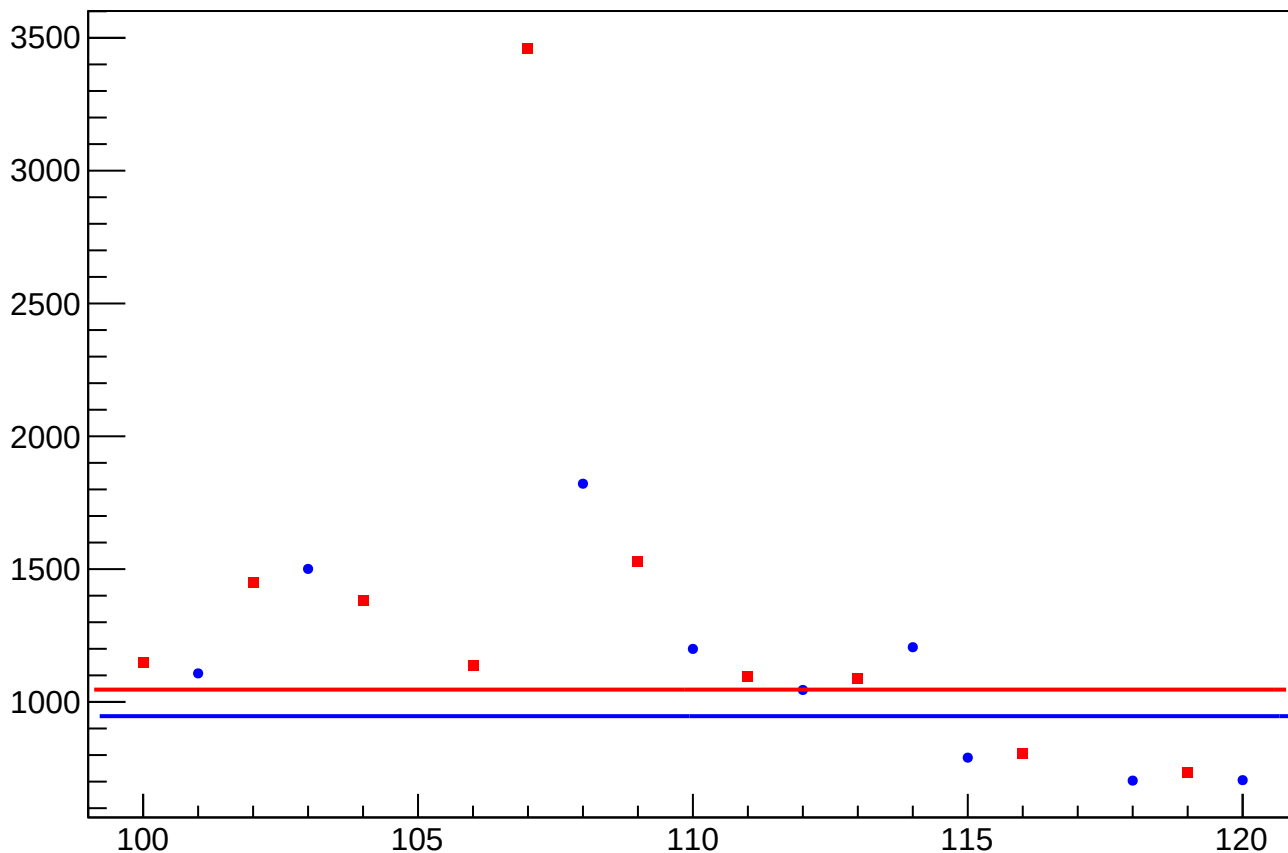
Right: 234.180+/-374.518 χ^2/NDF : 26.0/18

In: -96.251+/-517.159 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 234.180+/-374.518 χ^2/NDF : 26.0/18

asym_usl_dit_correction_rms vs Slug, Sign Corrected



Right In: 946.407+/-0.366 χ^2/NDF : 647314.7/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

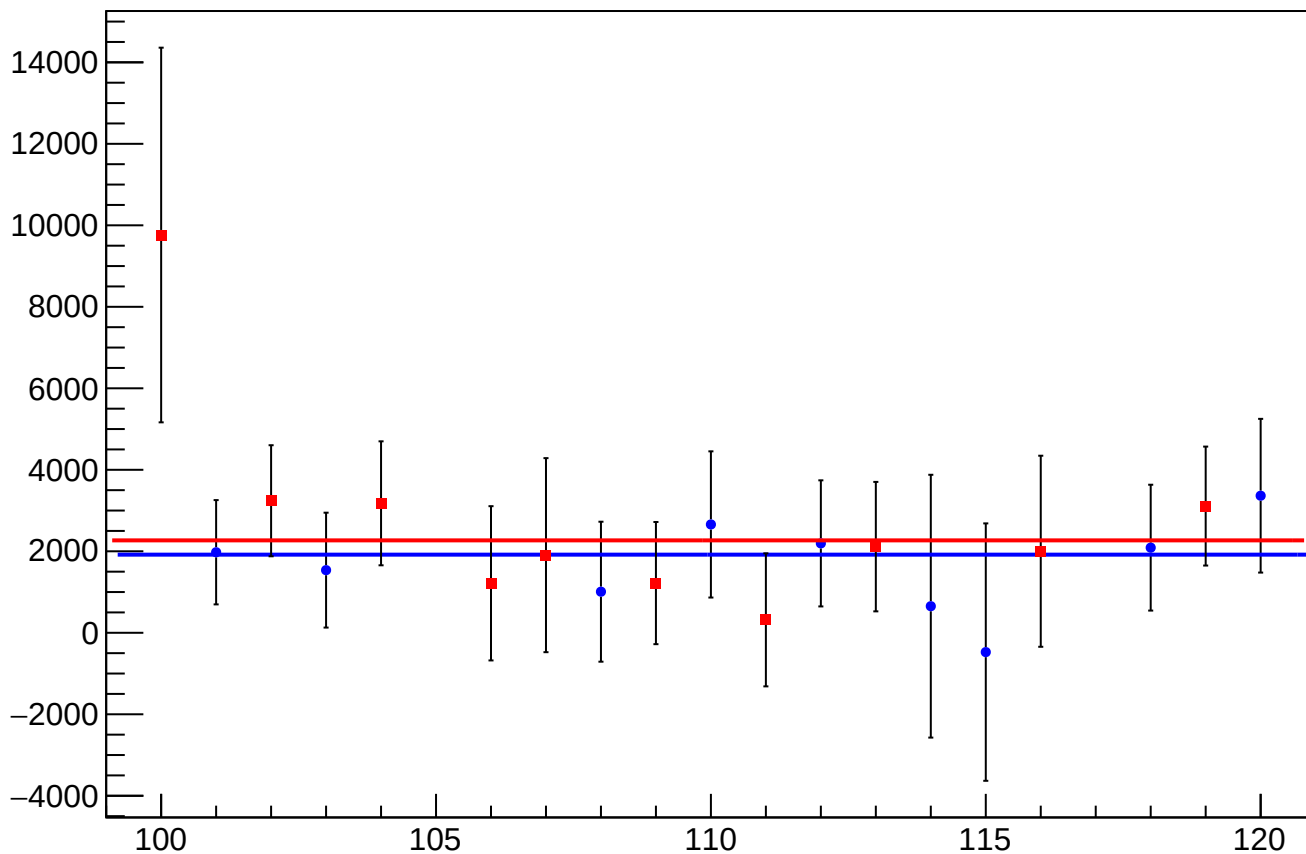
Right: 993.947+/-0.265 χ^2/NDF : 1452617.8/18

In: 946.407+/-0.366 χ^2/NDF : 647314.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 993.947+/-0.265 χ^2/NDF : 1452617.8/18

eigen_dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1917.522+/-570.006 χ^2/NDF : 1.9/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

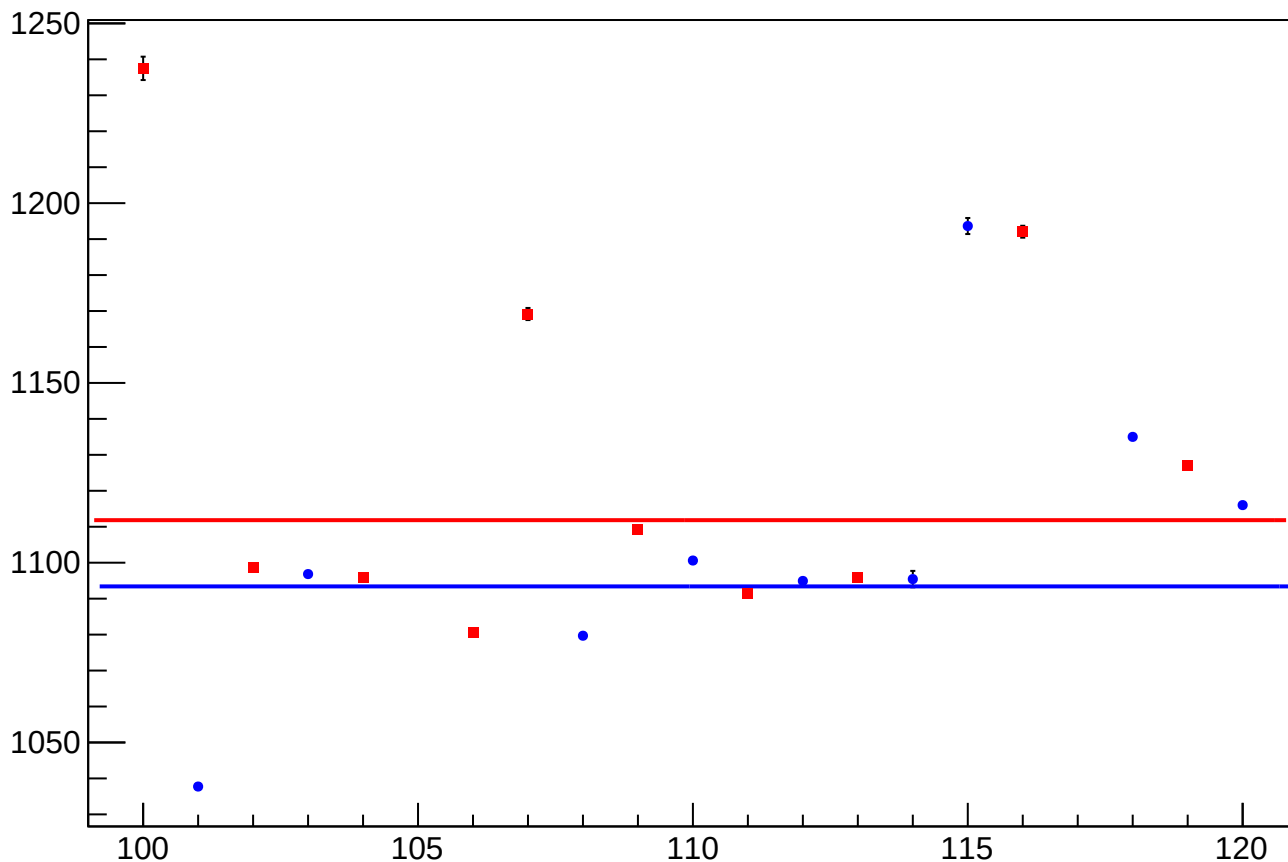
Right: 2099.979+/-394.707 χ^2/NDF : 8.2/18

In: 1917.522+/-570.006 χ^2/NDF : 1.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2099.979+/-394.707 χ^2/NDF : 8.2/18

eigen_dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1093.407+/-0.403 χ^2/NDF : 7710.0/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

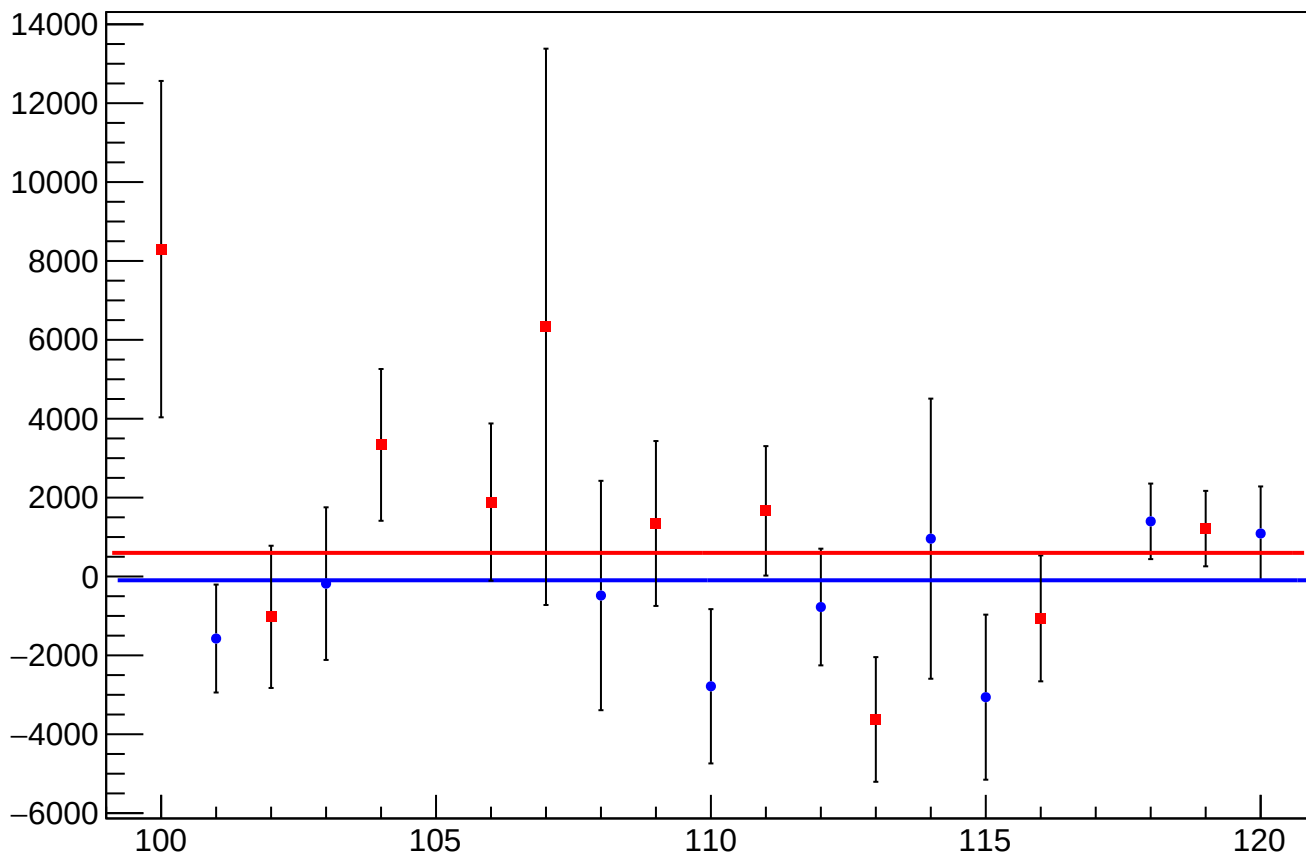
Right: 1102.997+/-0.279 χ^2/NDF : 15477.5/18

In: 1093.407+/-0.403 χ^2/NDF : 7710.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1102.997+/-0.279 χ^2/NDF : 15477.5/18

asym_usl_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -96.251+/-517.158 χ^2/NDF : 8.8/8

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

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

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

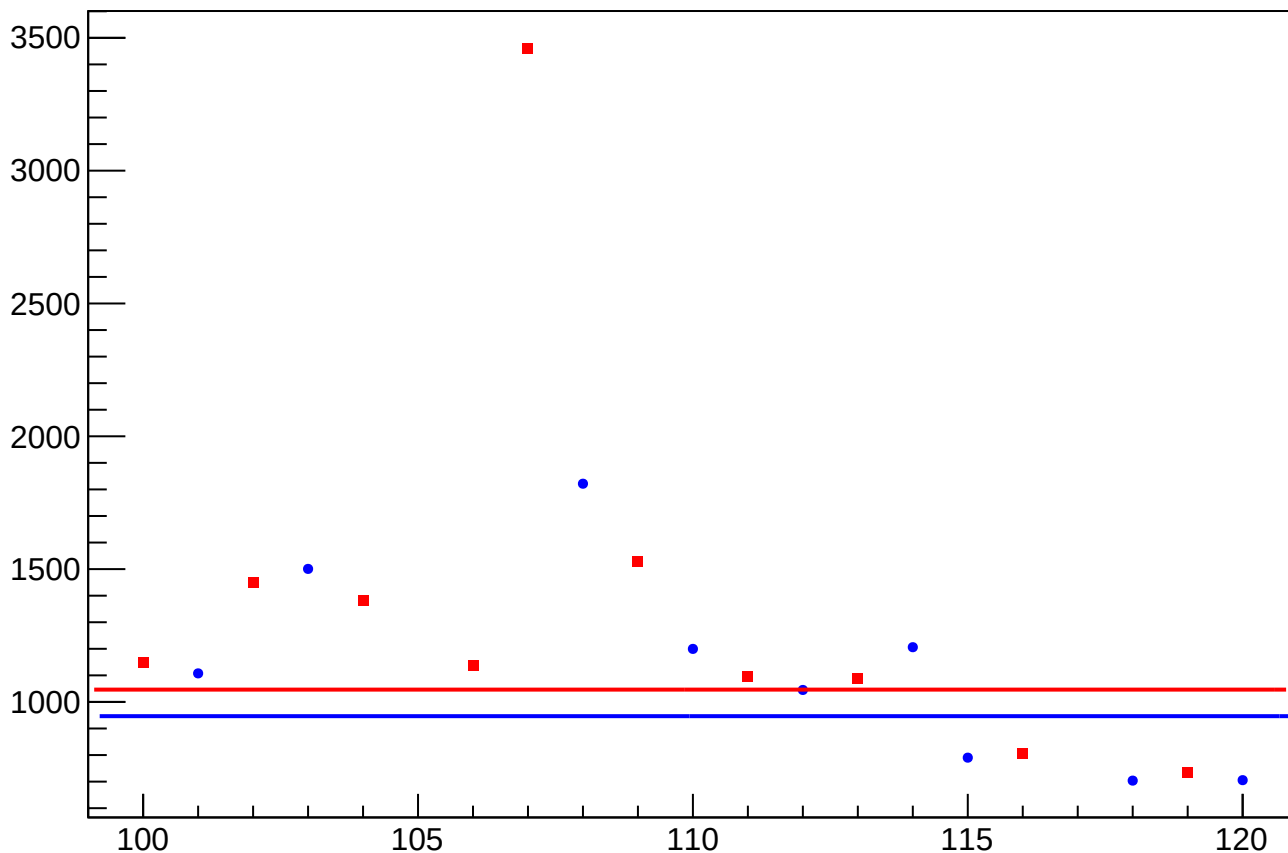
Right: 234.179+/-374.517 χ^2/NDF : 26.0/18

In: -96.251+/-517.158 χ^2/NDF :8.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 234.179+/-374.517 χ^2/NDF : 26.0/18

asym_usl_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 946.405+/-0.366 χ^2/NDF : 647316.9/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

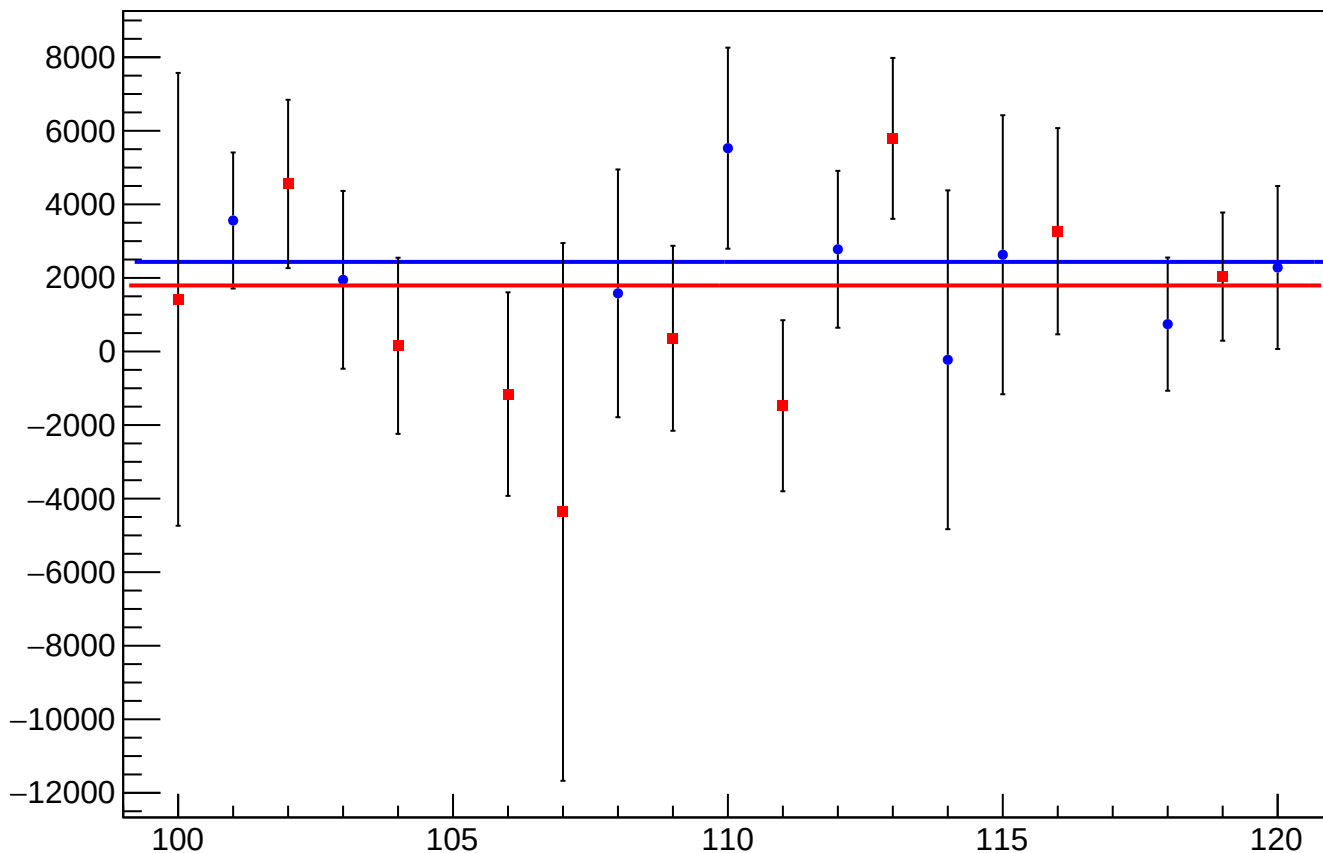
Right: 993.945+/-0.265 χ^2/NDF : 1452619.9/18

In: 946.405+/-0.366 χ^2/NDF : 647316.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 993.945+/-0.265 χ^2/NDF : 1452619.9/18

asym_usl_mean vs Slug, Sign Corrected



Right In: 2436.038 $\pm$ 808.208 χ^2 /NDF: 3.0/8

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

Right Out: 1795.286 $\pm$ 803.268 χ^2 /NDF: 9.7/9

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

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

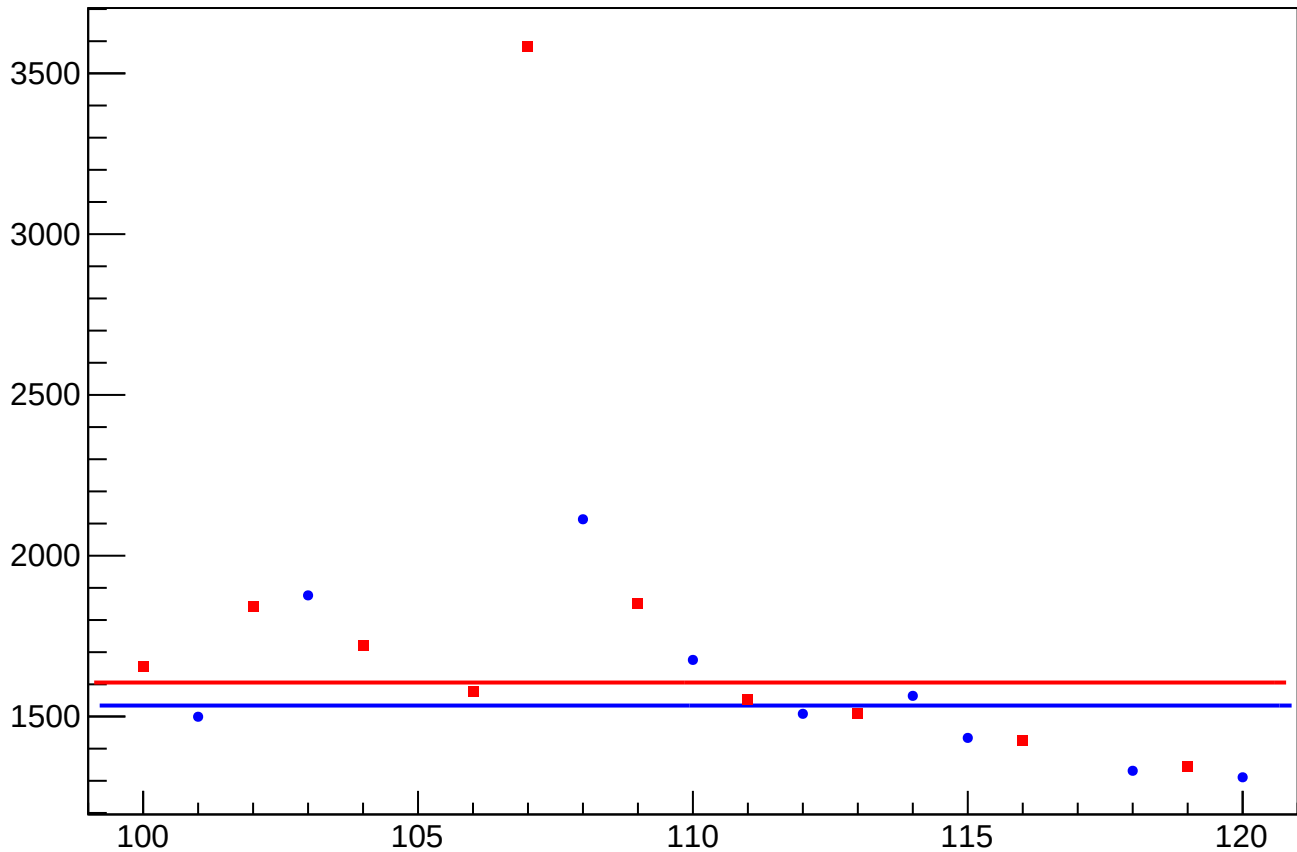
Right: 2113.698 $\pm$ 569.735 χ^2 /NDF: 13.0/18

In: 2436.038 $\pm$ 808.208 χ^2 /NDF:3.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2113.698 $\pm$ 569.735 χ^2 /NDF: 13.0/18

asym_usl_rms vs Slug, Sign Corrected



Right In: 1534.035+/-0.571 χ^2/NDF : 152638.5/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

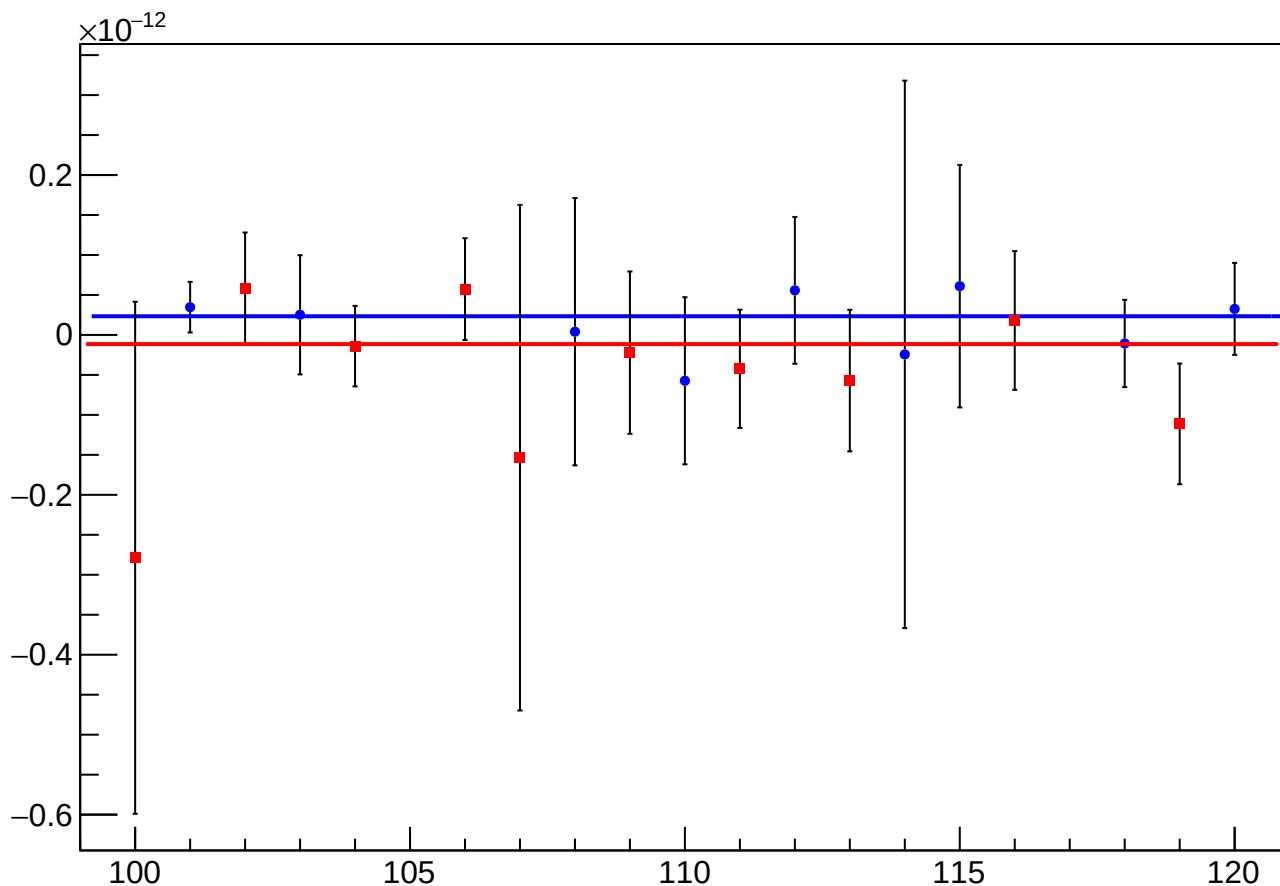
Right: 1570.050+/-0.403 χ^2/NDF : 410615.9/18

In: 1534.035+/-0.571 χ^2/NDF : 152638.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1570.050+/-0.403 χ^2/NDF : 410615.9/18

asym_usl_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.4/8

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

Right Out: -0.000+/-0.000 χ^2/NDF : 5.4/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

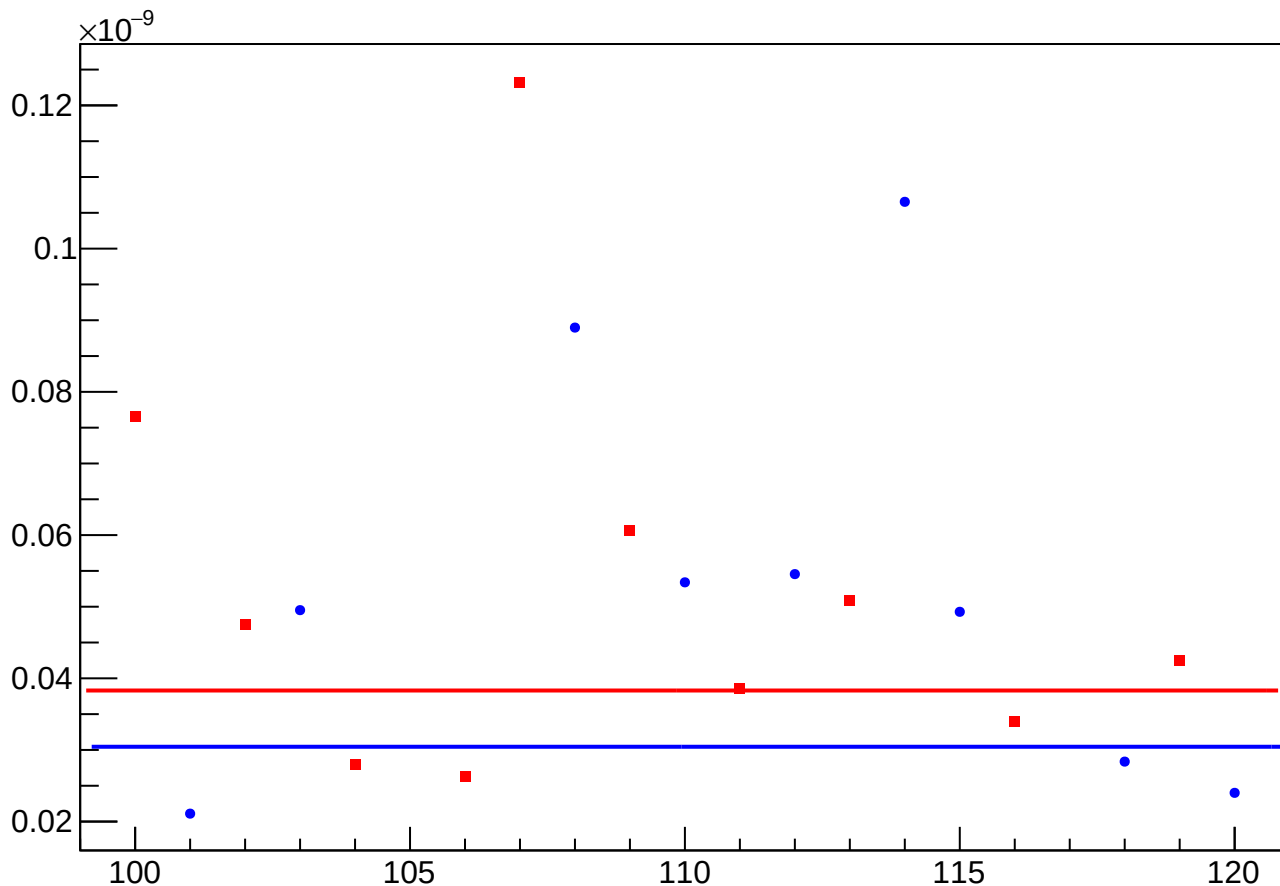
Right: 0.000+/-0.000 χ^2/NDF : 7.8/18

In: 0.000+/-0.000 χ^2/NDF : 1.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.8/18

asym_usl_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 942096.7/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 512318.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

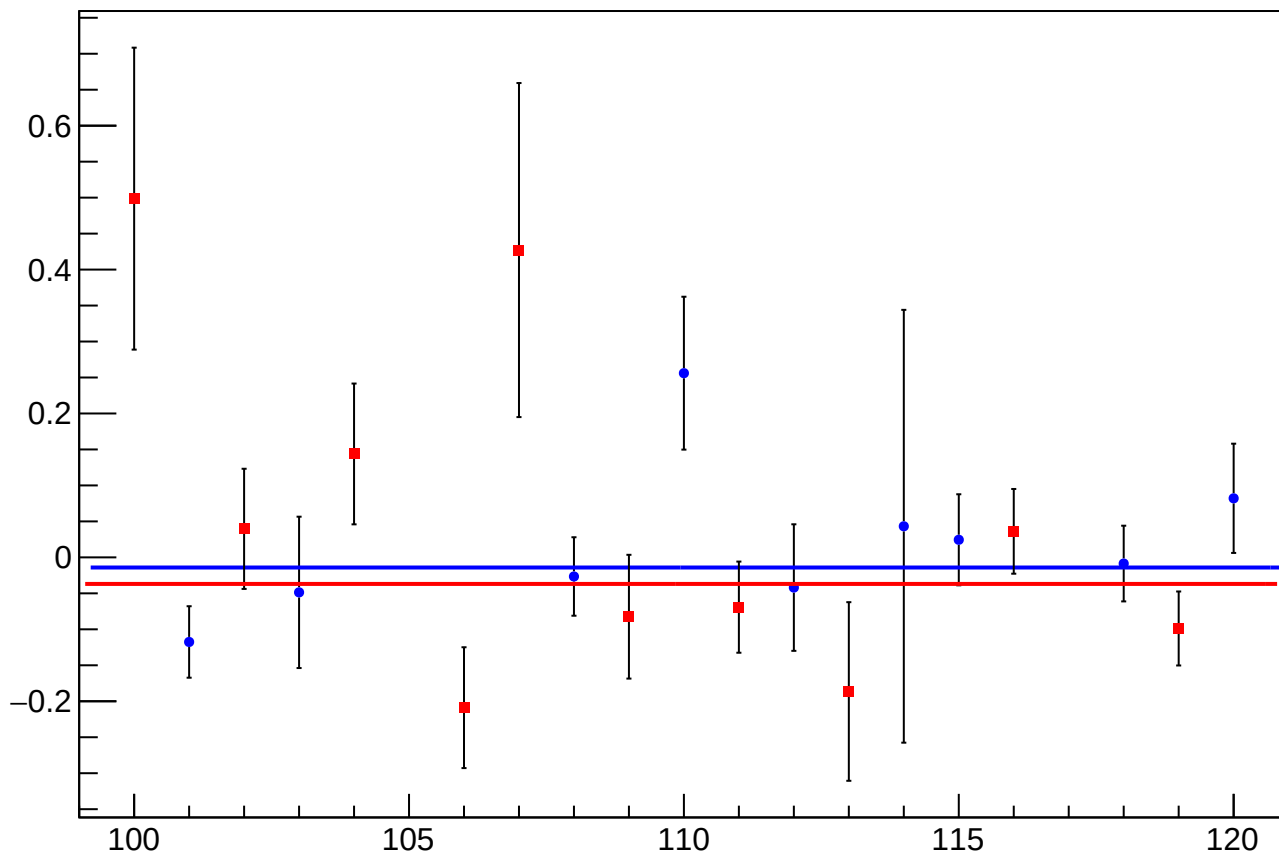
Right: 0.000+/-0.000 χ^2/NDF : 1566018.9/18

In: 0.000+/-0.000 χ^2/NDF : 942096.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1566018.9/18

asym_usl_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014+/-0.023 χ^2/NDF : 13.1/8

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

Right Out: -0.037+/-0.025 χ^2/NDF : 23.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

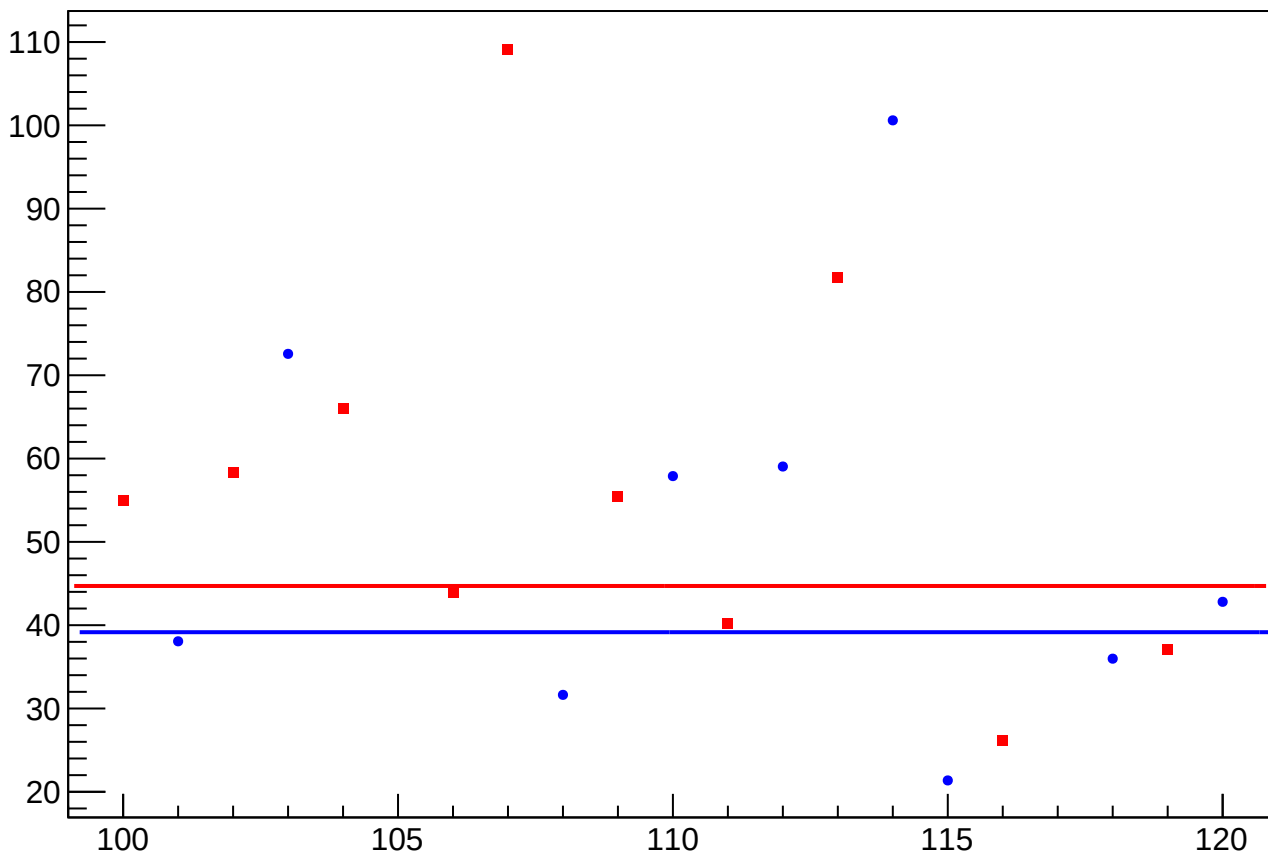
Right: -0.025+/-0.017 χ^2/NDF : 37.5/18

In: -0.014+/-0.023 χ^2/NDF :13.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.025+/-0.017 χ^2/NDF : 37.5/18

asym_usl_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.159+/-0.016 χ^2/NDF : 658763.7/8

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

Right Out: 44.707+/-0.018 χ^2/NDF : 766738.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

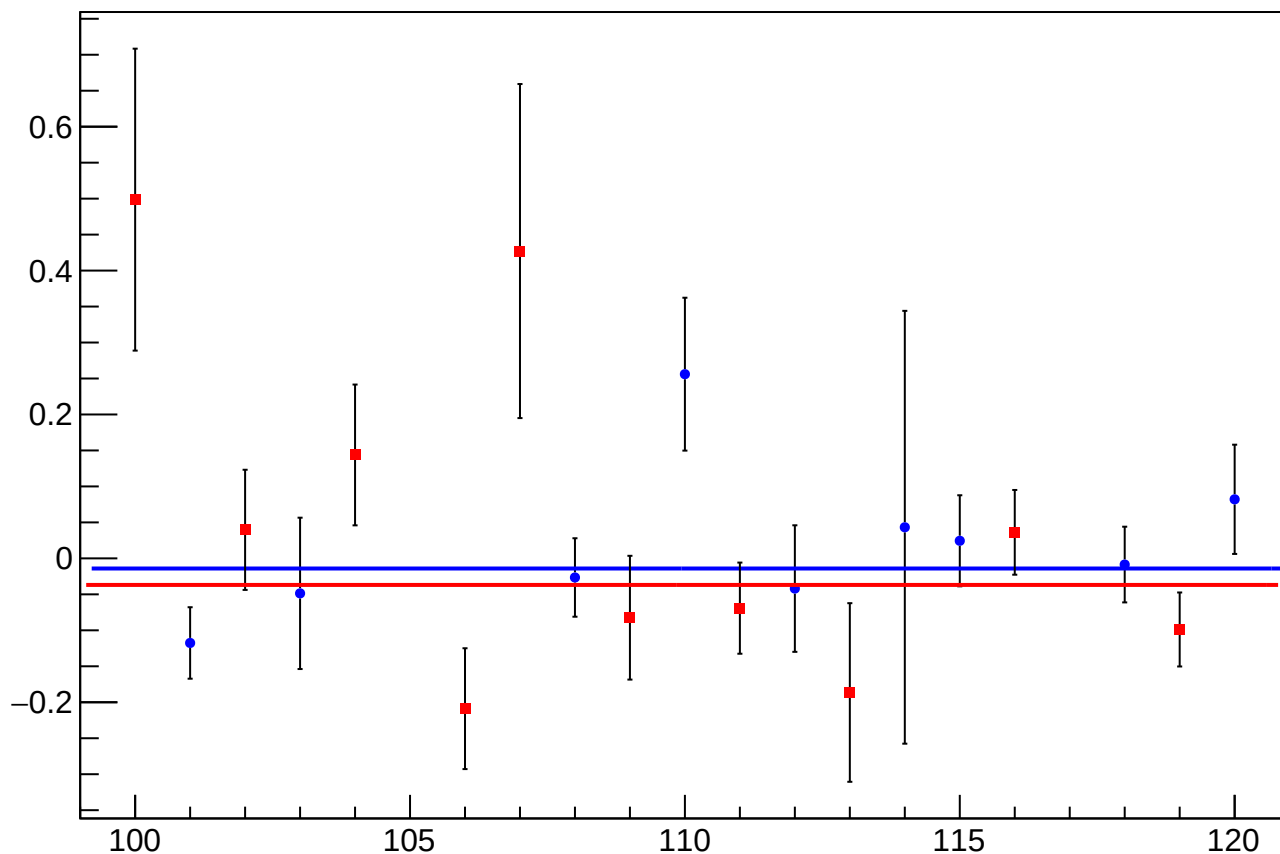
Right: 41.689+/-0.012 χ^2/NDF : 1477307.8/18

In: 39.159+/-0.016 χ^2/NDF : 658763.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.689+/-0.012 χ^2/NDF : 1477307.8/18

asym_usl_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014+/-0.023 χ^2/NDF : 13.1/8

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

Right Out: -0.037+/-0.025 χ^2/NDF : 23.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

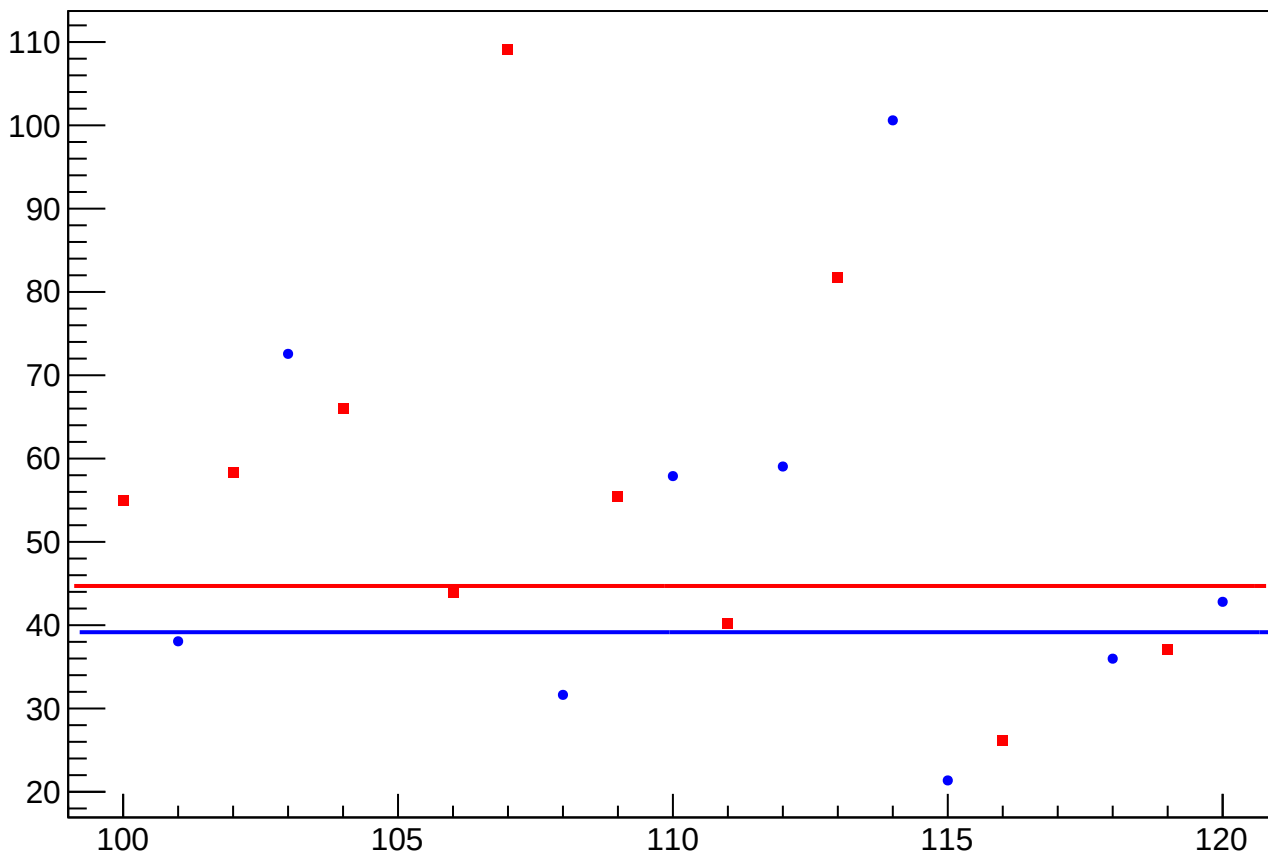
Right: -0.025+/-0.017 χ^2/NDF : 37.5/18

In: -0.014+/-0.023 χ^2/NDF : 13.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.025+/-0.017 χ^2/NDF : 37.5/18

asym_usl_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.159+/-0.016 χ^2/NDF : 658763.7/8

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

Right Out: 44.707+/-0.018 χ^2/NDF : 766738.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

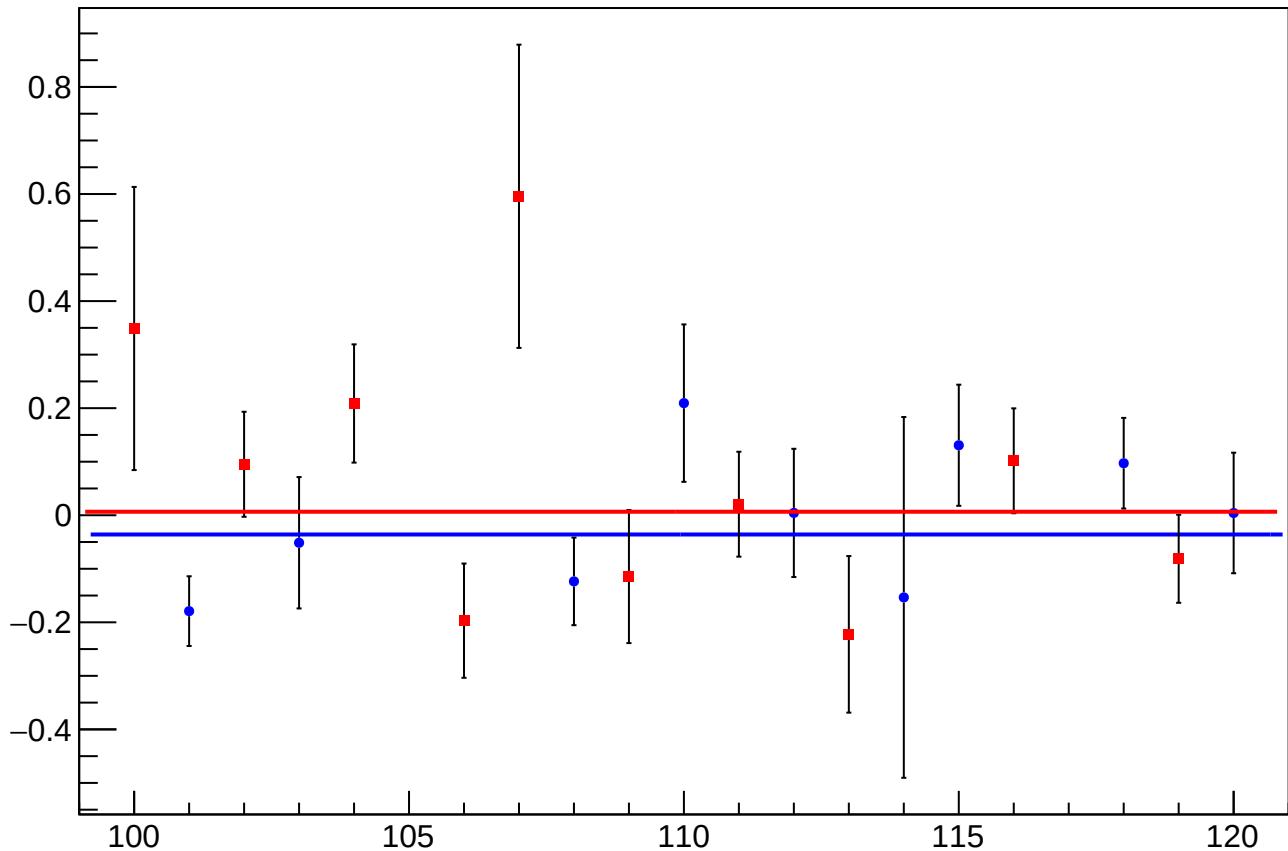
Right: 41.689+/-0.012 χ^2/NDF : 1477307.8/18

In: 39.159+/-0.016 χ^2/NDF : 658763.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.689+/-0.012 χ^2/NDF : 1477307.8/18

asym_usl_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.036 $\pm$ 0.034 χ^2 /NDF: 13.8/8

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

Right Out: 0.007 $\pm$ 0.036 χ^2 /NDF: 19.3/9

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

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

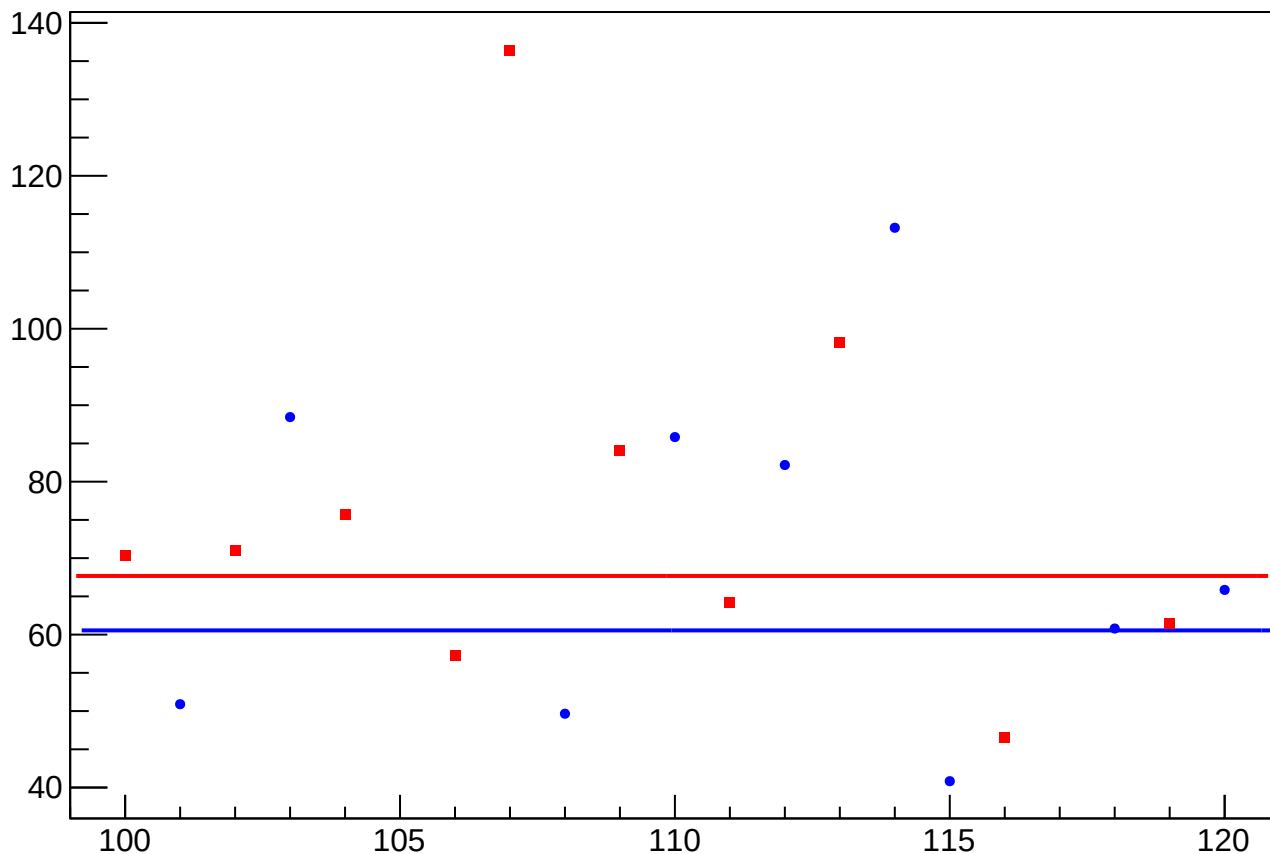
Right: -0.016 $\pm$ 0.025 χ^2 /NDF: 33.8/18

In: -0.036 $\pm$ 0.034 χ^2 /NDF:13.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.016 $\pm$ 0.025 χ^2 /NDF: 33.8/18

asym_usl_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.550+/-0.024 χ^2/NDF : 421242.0/8

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

Right Out: 67.672+/-0.026 χ^2/NDF : 379268.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

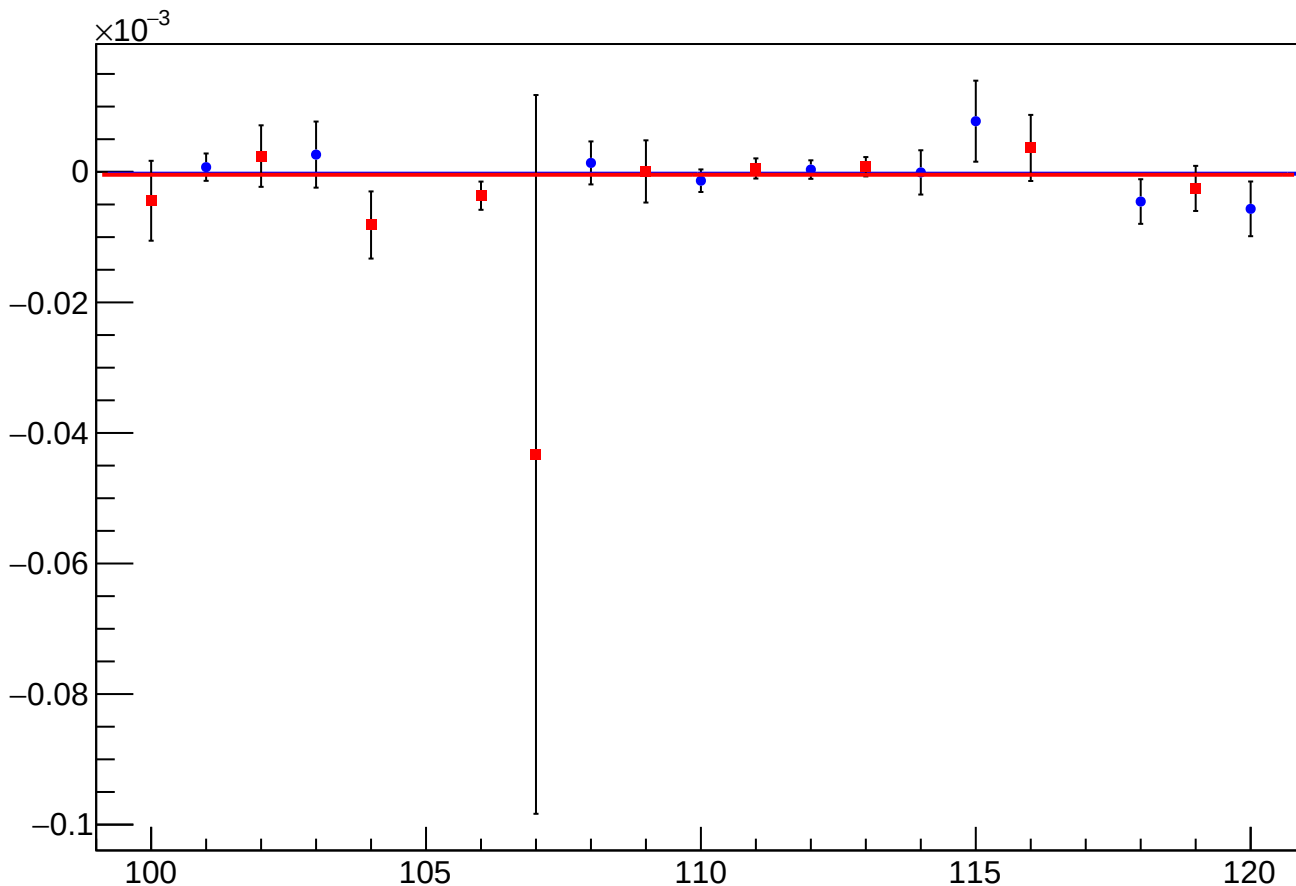
Right: 63.884+/-0.017 χ^2/NDF : 841955.9/18

In: 60.550+/-0.024 χ^2/NDF : 421242.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.884+/-0.017 χ^2/NDF : 841955.9/18

asym_usl_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 6.3/8

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

Right Out: -0.000+/-0.000 χ^2 /NDF: 8.0/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

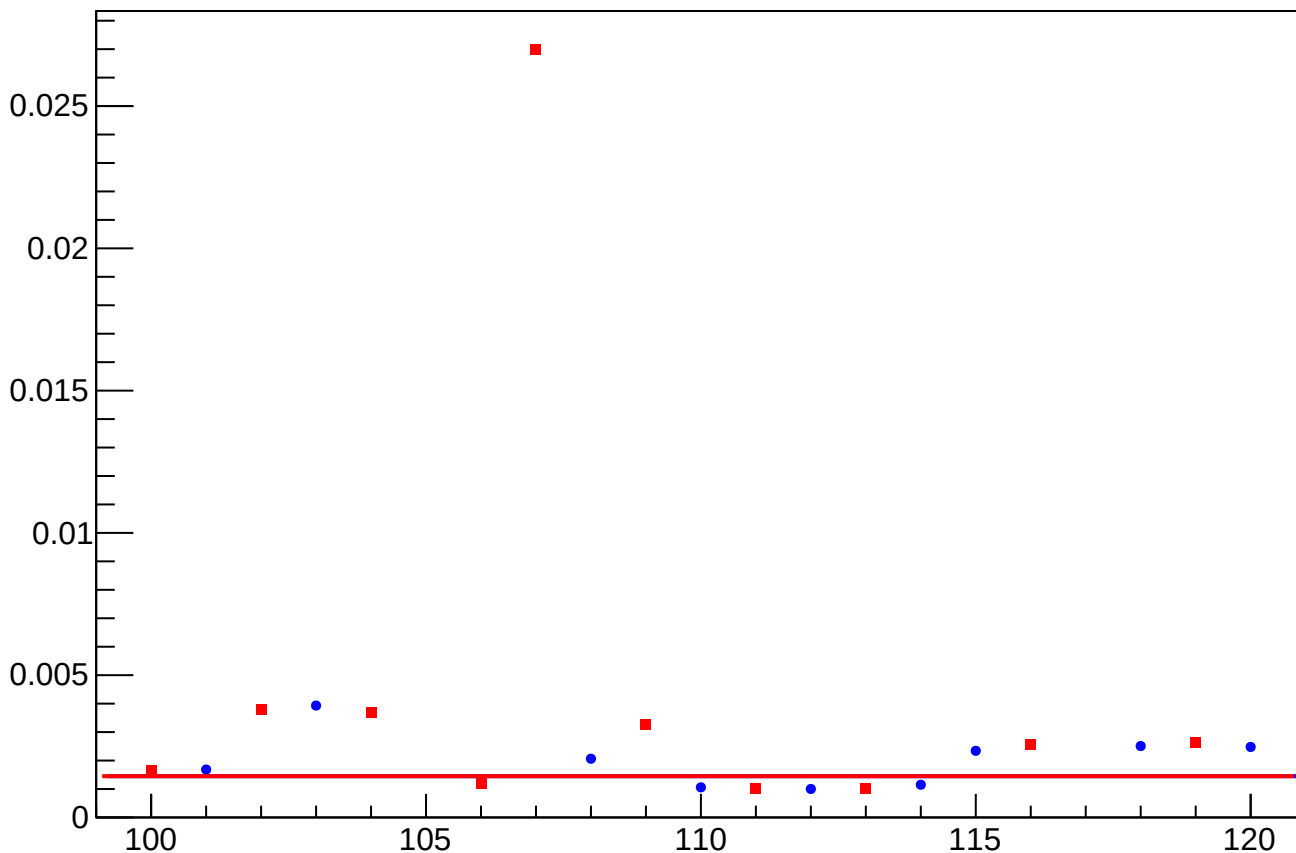
Right: -0.000+/-0.000 χ^2 /NDF: 14.3/18

In: -0.000+/-0.000 χ^2 /NDF:6.3/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 14.3/18

asym_usl_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1247423.9/8

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

Right Out: 0.001+/-0.000 χ^2/NDF : 2273969.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

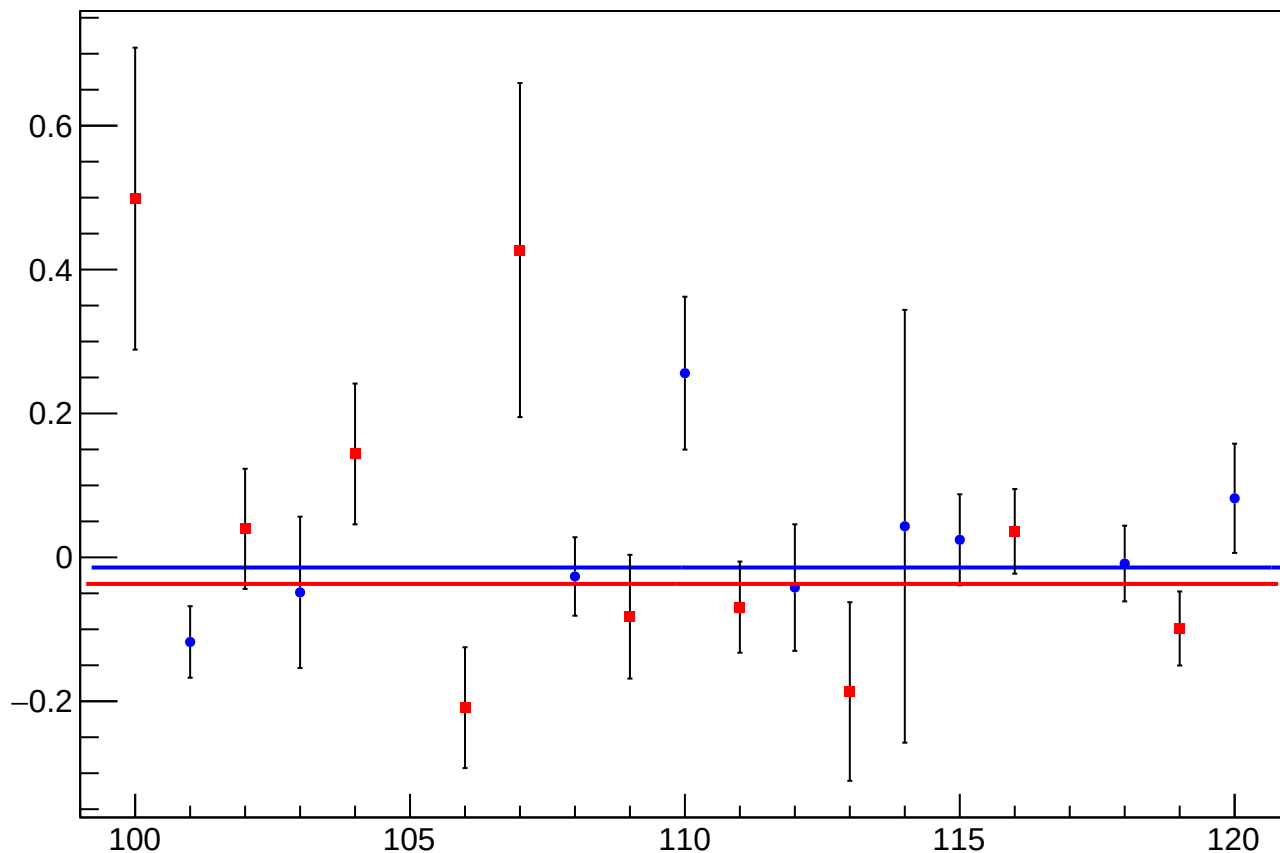
Right: 0.001+/-0.000 χ^2/NDF : 3521395.0/18

In: 0.001+/-0.000 χ^2/NDF : 1247423.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3521395.0/18

asym_usl_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014+/-0.023 χ^2/NDF : 13.1/8

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

Right Out: -0.037+/-0.025 χ^2/NDF : 23.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

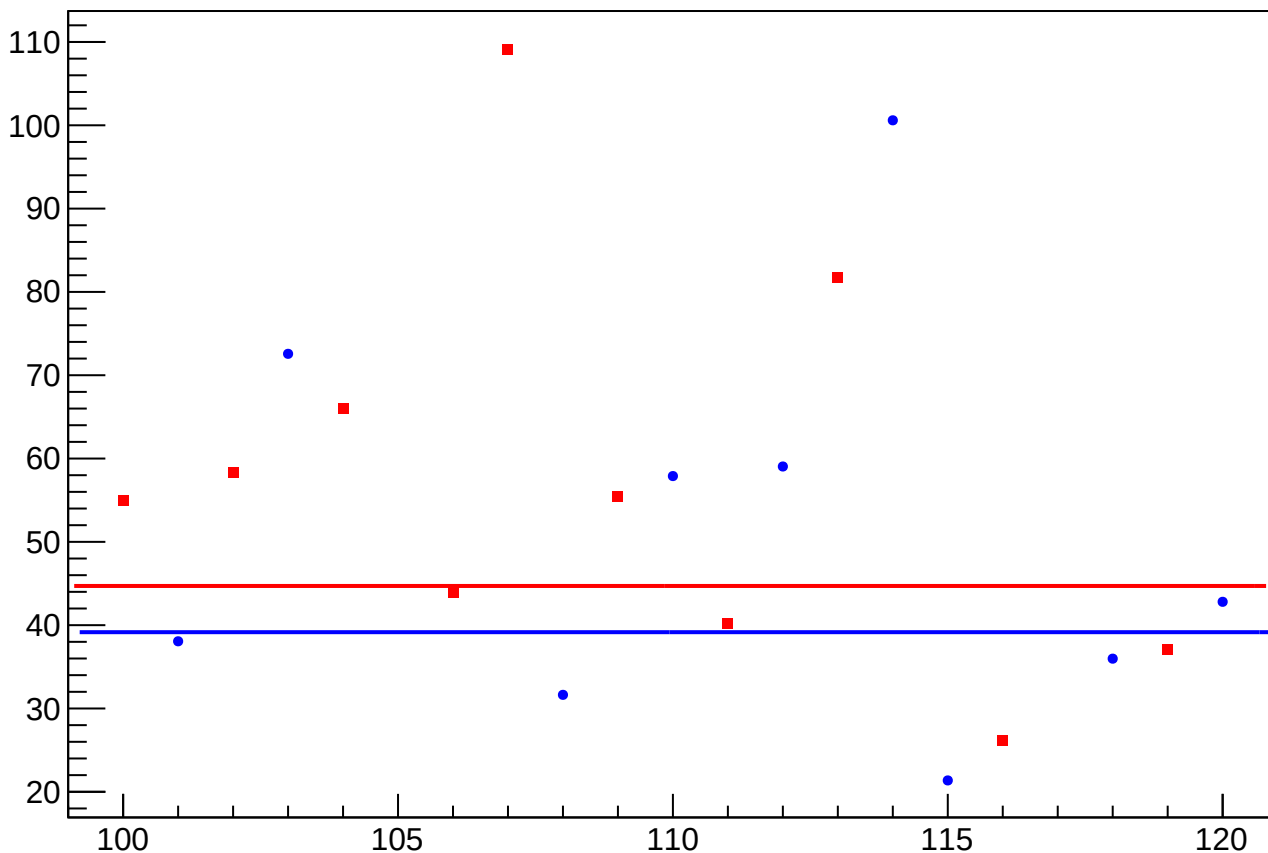
Right: -0.025+/-0.017 χ^2/NDF : 37.5/18

In: -0.014+/-0.023 χ^2/NDF : 13.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.025+/-0.017 χ^2/NDF : 37.5/18

asym_usl_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.158+/-0.016 χ^2/NDF : 658805.9/8

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

Right Out: 44.706+/-0.018 χ^2/NDF : 766781.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

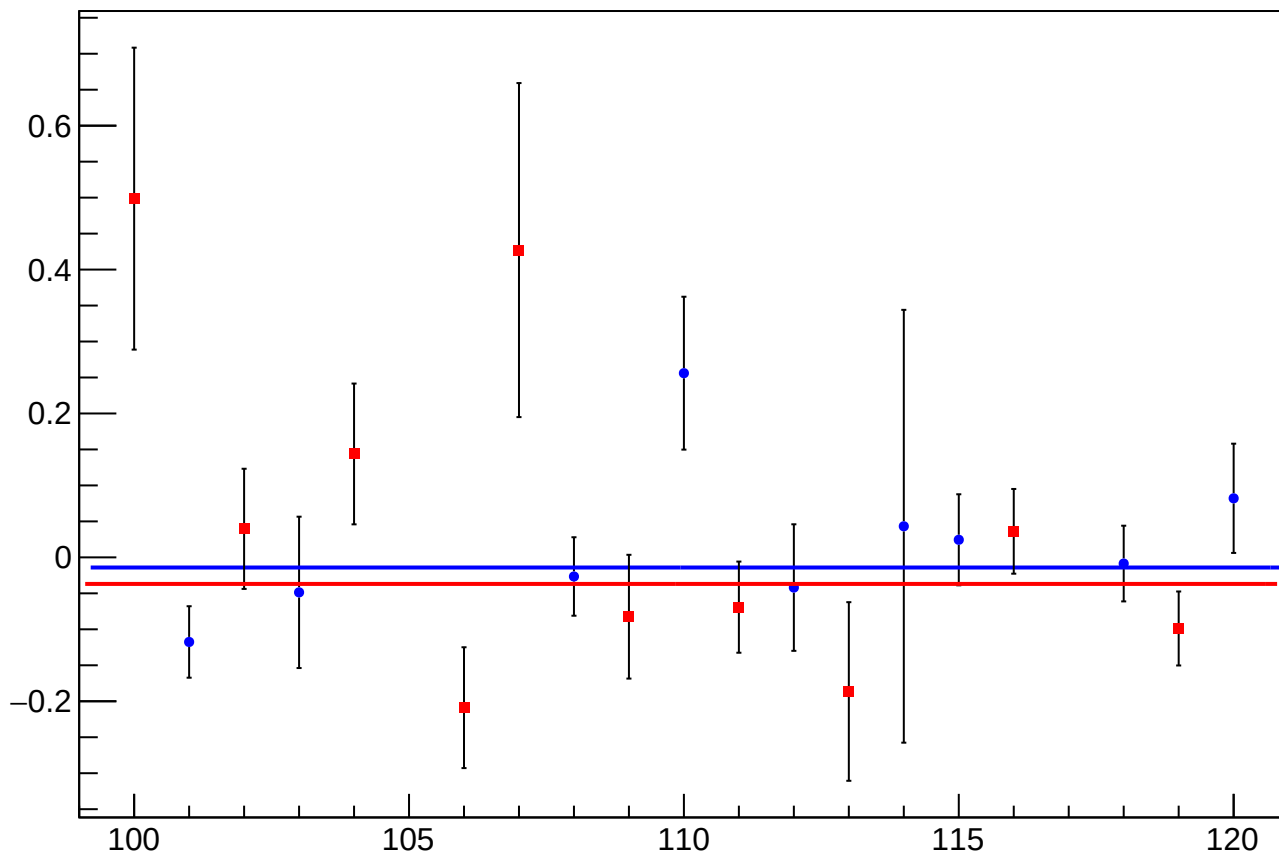
Right: 41.688+/-0.012 χ^2/NDF : 1477391.5/18

In: 39.158+/-0.016 χ^2/NDF : 658805.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.688+/-0.012 χ^2/NDF : 1477391.5/18

asym_usl_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014+/-0.023 χ^2/NDF : 13.1/8

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

Right Out: -0.037+/-0.025 χ^2/NDF : 23.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

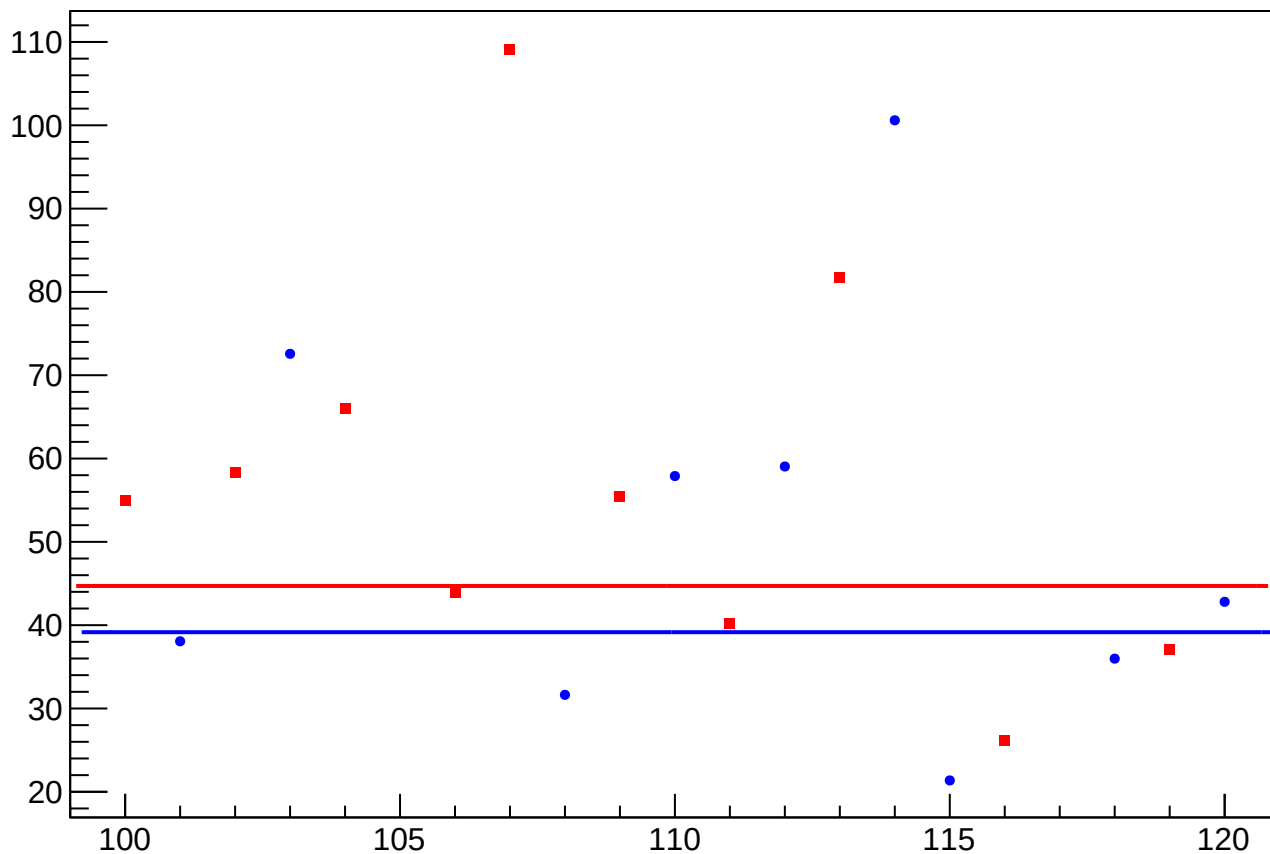
Right: -0.025+/-0.017 χ^2/NDF : 37.5/18

In: -0.014+/-0.023 χ^2/NDF : 13.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.025+/-0.017 χ^2/NDF : 37.5/18

asym_usl_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.158+/-0.016 χ^2/NDF : 658805.9/8

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

Right Out: 44.706+/-0.018 χ^2/NDF : 766781.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

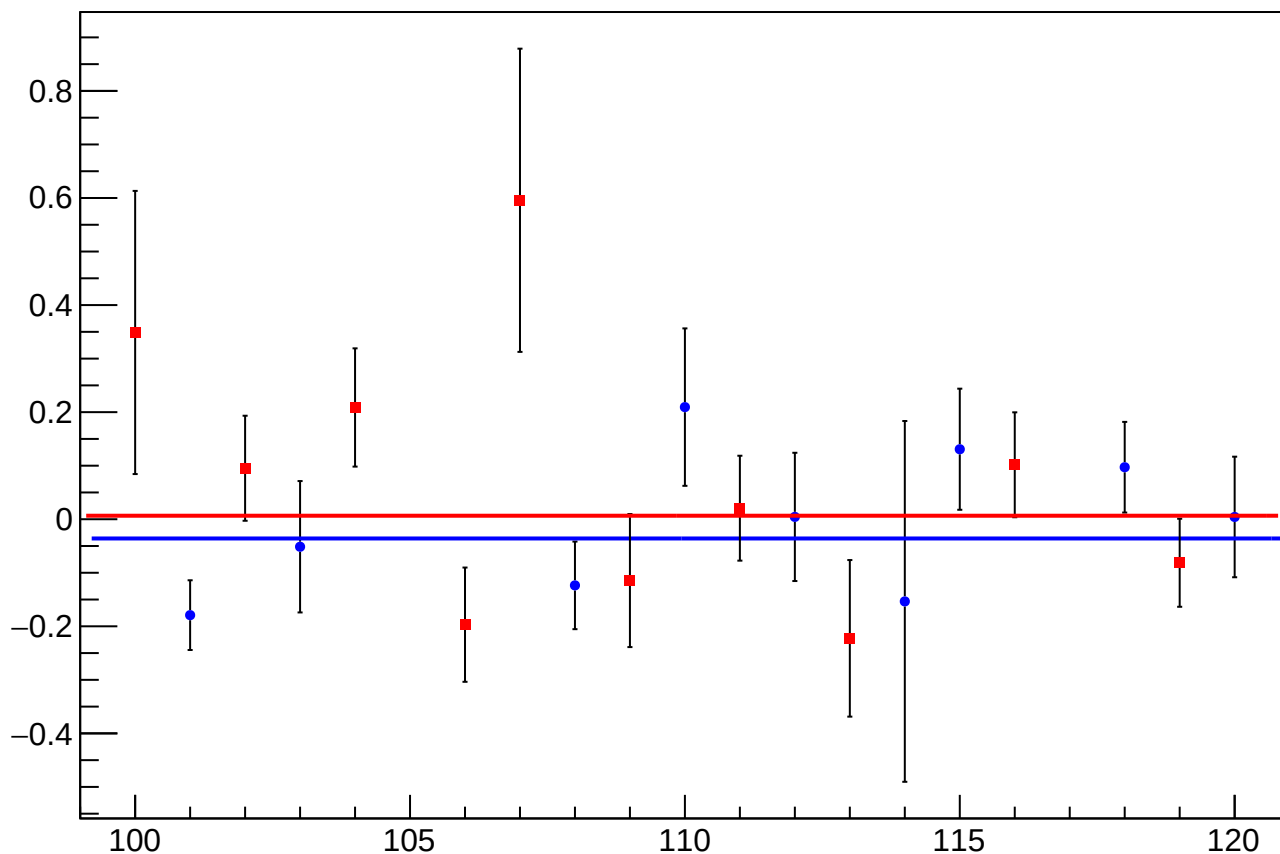
Right: 41.688+/-0.012 χ^2/NDF : 1477391.5/18

In: 39.158+/-0.016 χ^2/NDF :658805.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 41.688+/-0.012 χ^2/NDF : 1477391.5/18

asym_usl_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.036+/-0.034 χ^2/NDF : 13.8/8

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

Right Out: 0.007+/-0.036 χ^2/NDF : 19.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

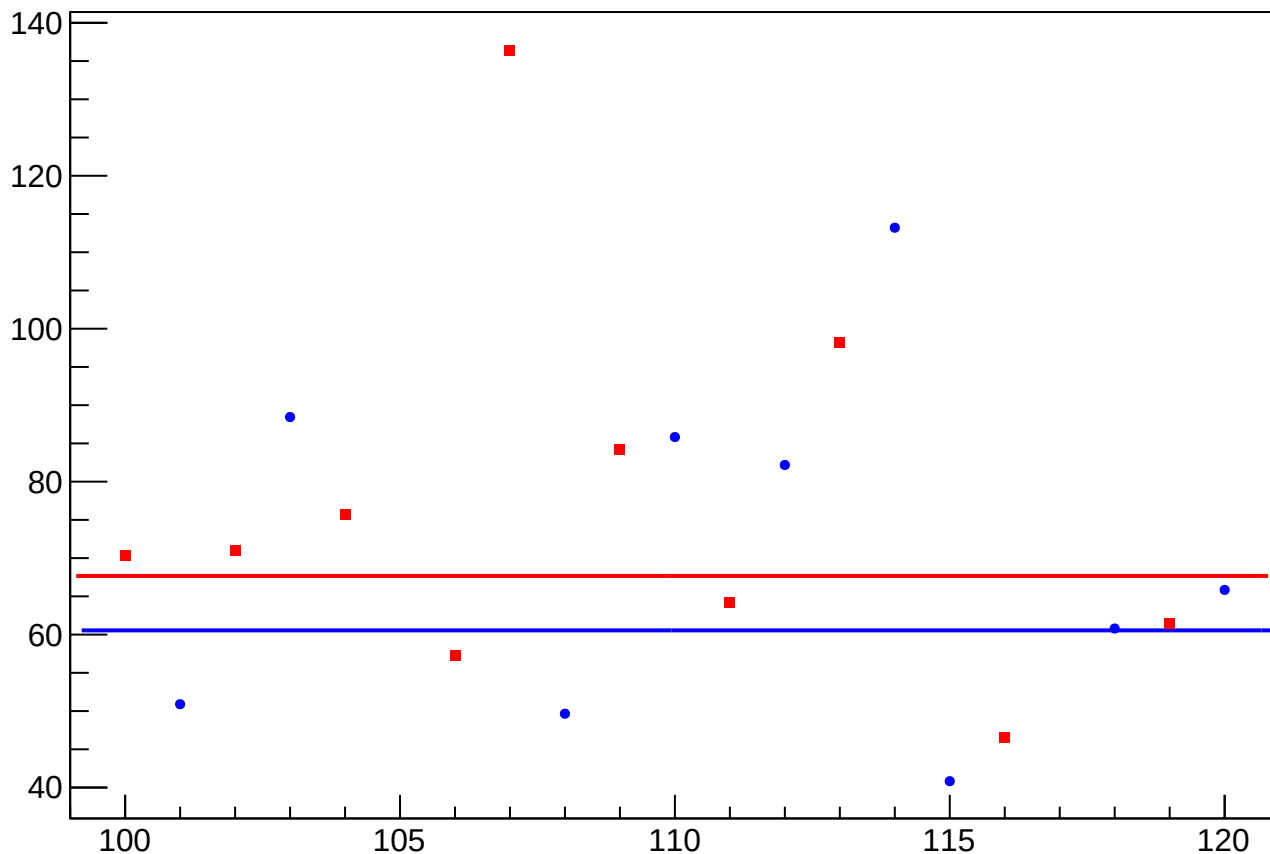
Right: -0.016+/-0.025 χ^2/NDF : 33.8/18

In: -0.036+/-0.034 χ^2/NDF : 13.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.025 χ^2/NDF : 33.8/18

asym_usl_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.550 ± 0.024 $\chi^2/\text{NDF}: 421245.5/8$

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

Right Out: 67.671 ± 0.026 $\chi^2/\text{NDF}: 379260.2/9$

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

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

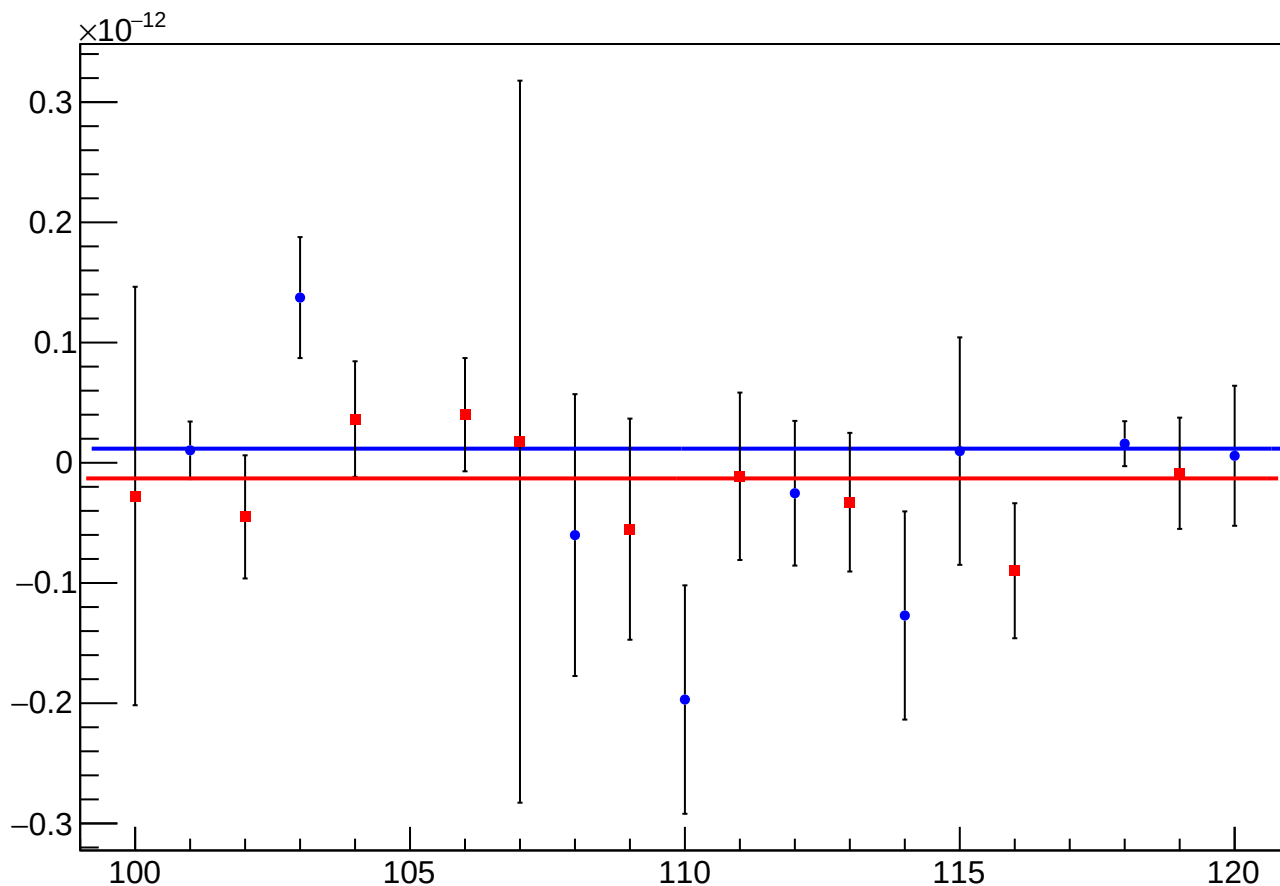
Right: 63.883 ± 0.017 $\chi^2/\text{NDF}: 841950.3/18$

In: 60.550 ± 0.024 $\chi^2/\text{NDF}: 421245.5/8$

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

All: 63.883 ± 0.017 $\chi^2/\text{NDF}: 841950.3/18$

asym_usl_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.5/8

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

Right Out: -0.000+/-0.000 χ^2/NDF : 4.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

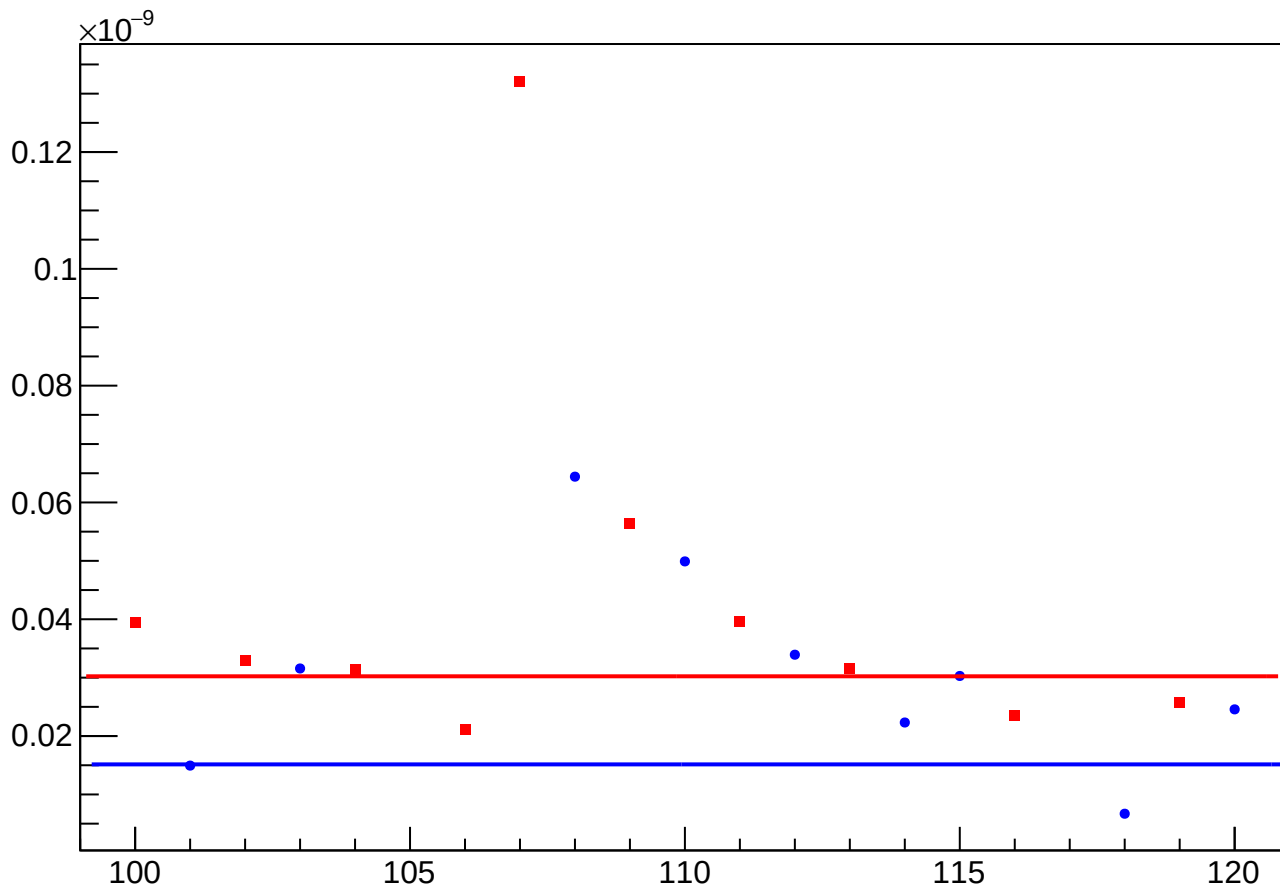
Right: 0.000+/-0.000 χ^2/NDF : 20.5/18

In: 0.000+/-0.000 χ^2/NDF : 14.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.5/18

asym_usl_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1554464.0/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 564533.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

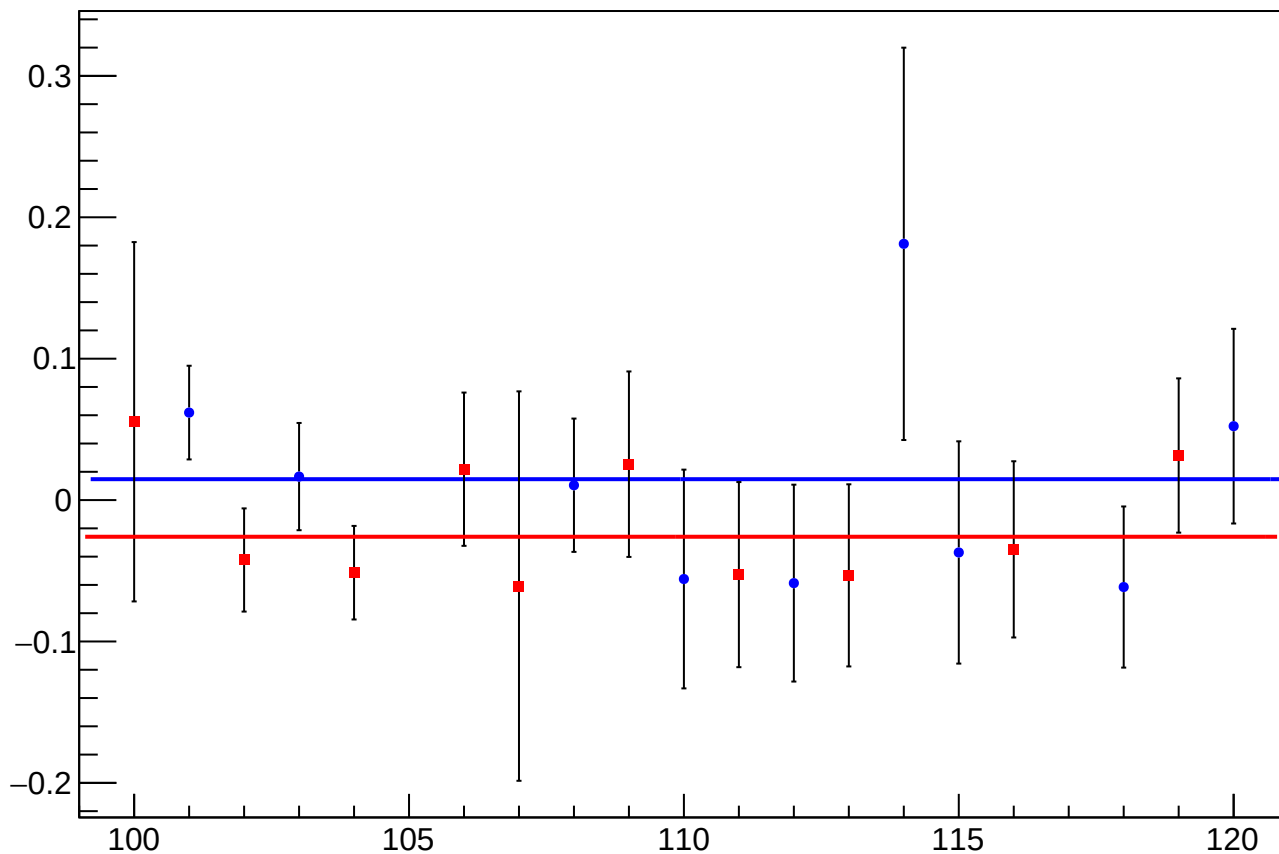
Right: 0.000+/-0.000 χ^2/NDF : 2970177.4/18

In: 0.000+/-0.000 χ^2/NDF : 1554464.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2970177.4/18

asym_usl_overload_cor_vs_slug, Sign Corrected



Right In: 0.015 $\pm$ 0.018 χ^2 /NDF: 7.9/8

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

Right Out: -0.026 $\pm$ 0.017 χ^2 /NDF: 4.1/9

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

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

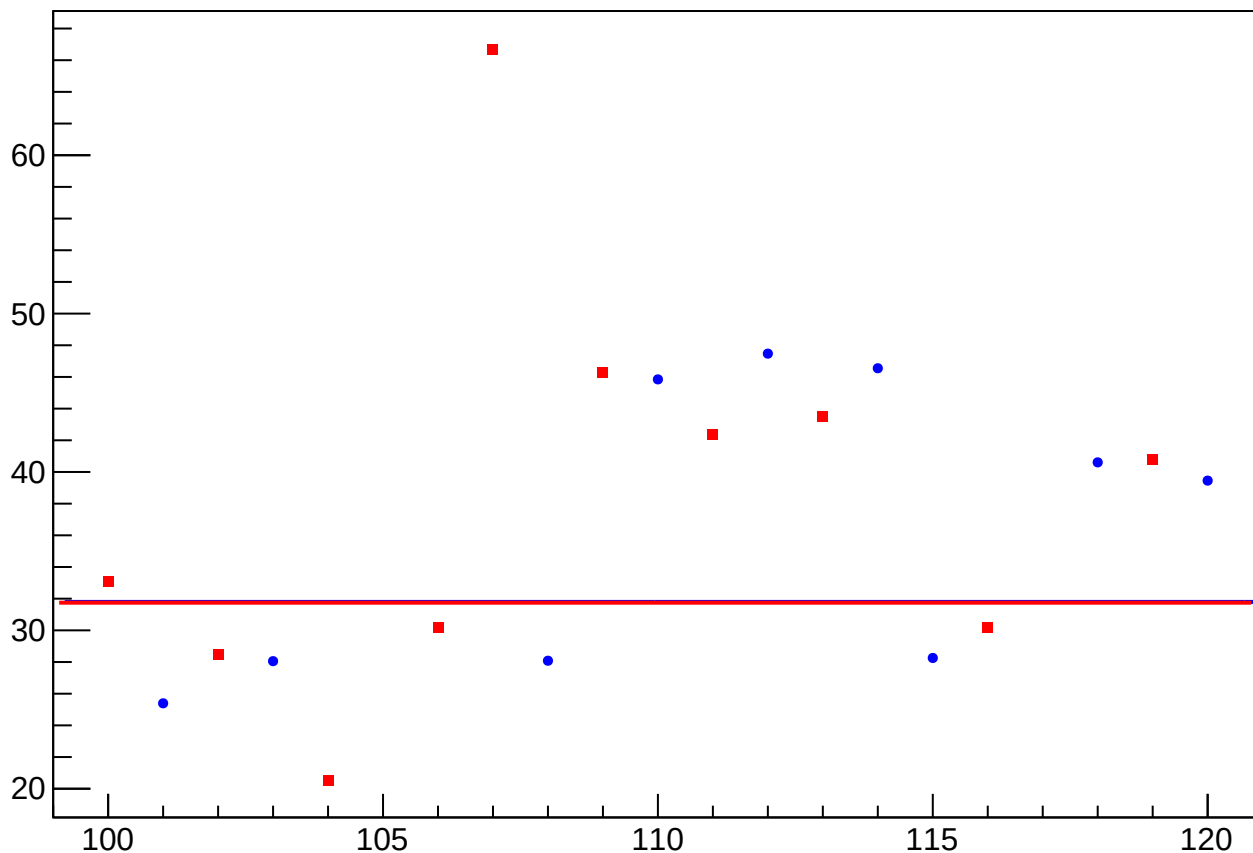
Right: -0.006 $\pm$ 0.012 χ^2 /NDF: 14.8/18

In: 0.015 $\pm$ 0.018 χ^2 /NDF:7.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.006 $\pm$ 0.012 χ^2 /NDF: 14.8/18

asym_usl_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.795+/-0.013 χ^2/NDF : 373192.7/8

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

Right Out: 31.747+/-0.012 χ^2/NDF : 651184.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

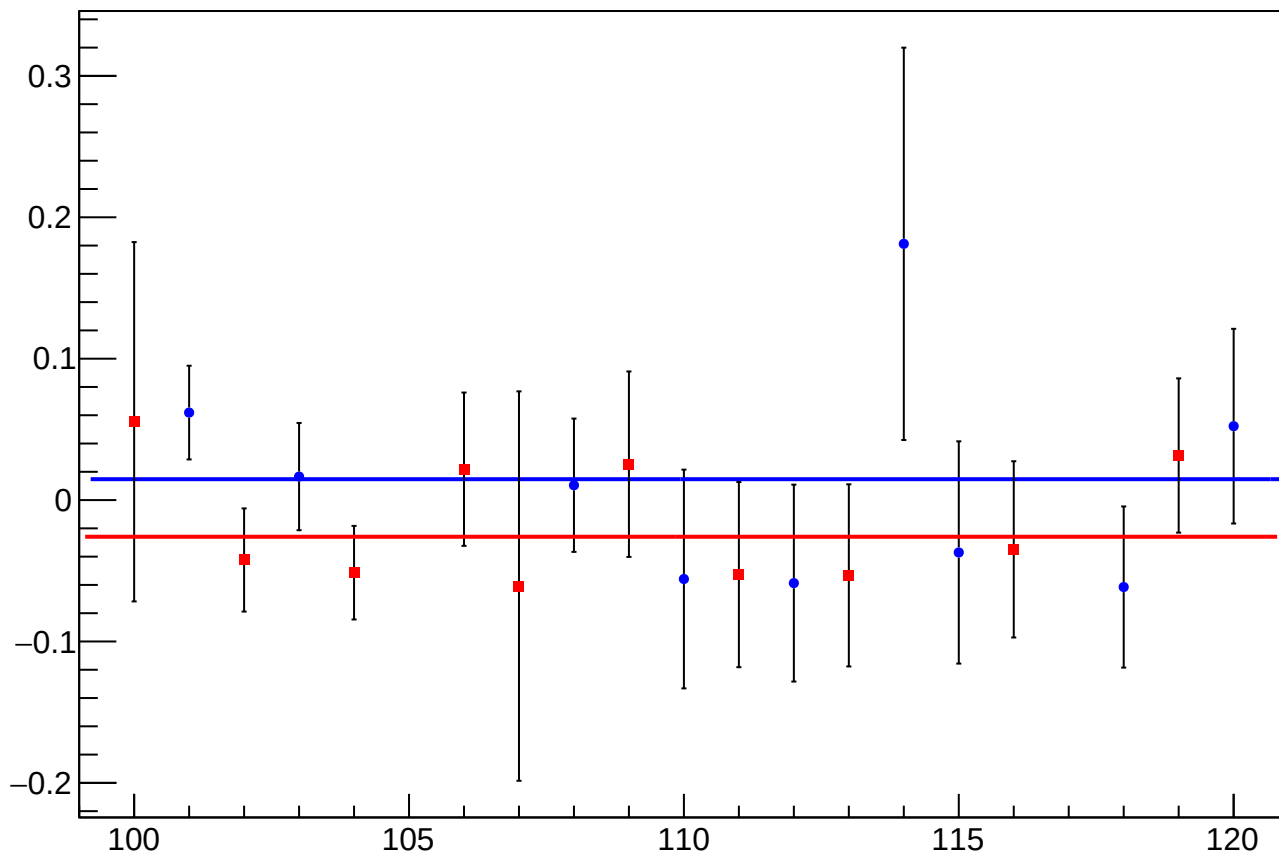
Right: 31.770+/-0.009 χ^2/NDF : 1024384.5/18

In: 31.795+/-0.013 χ^2/NDF : 373192.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.770+/-0.009 χ^2/NDF : 1024384.5/18

asym_usl_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.018 χ^2/NDF : 7.9/8

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

Right Out: -0.026+/-0.017 χ^2/NDF : 4.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

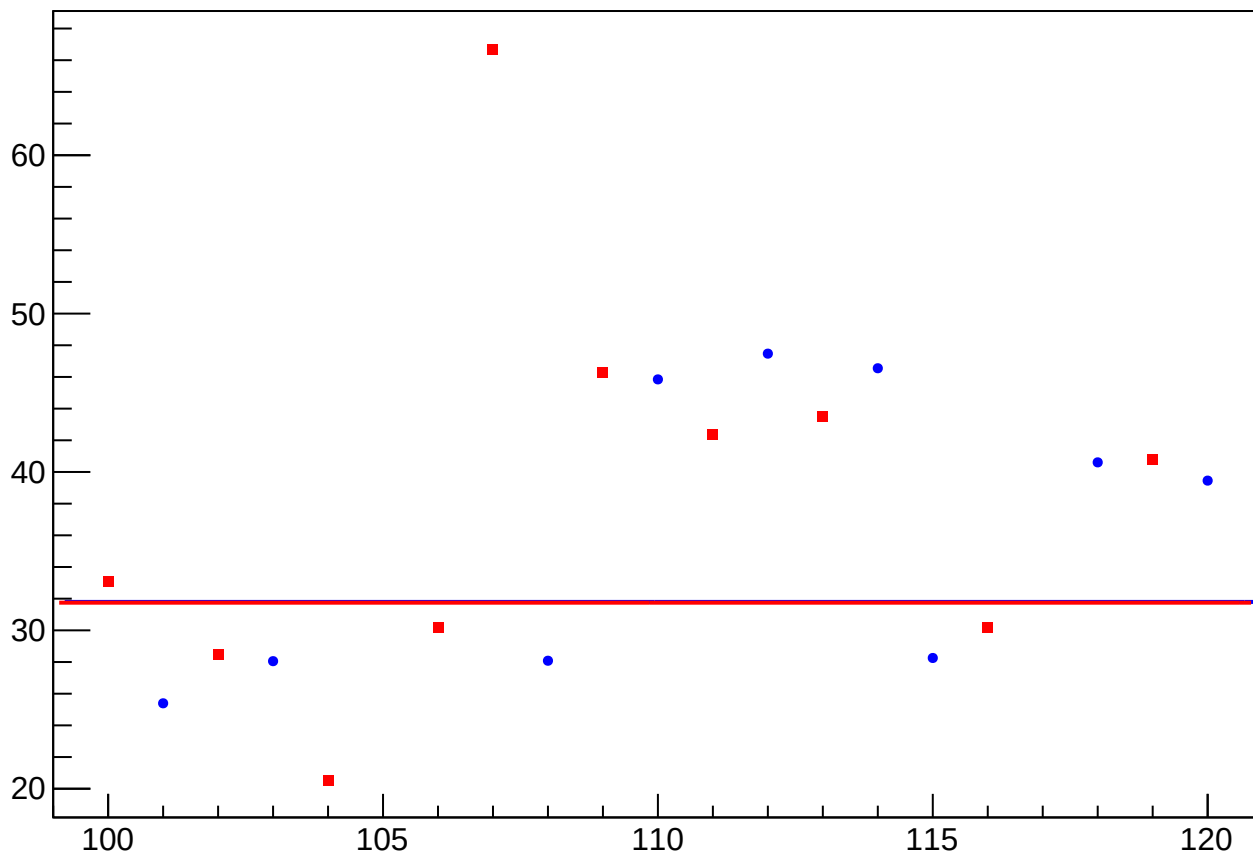
Right: -0.006+/-0.012 χ^2/NDF : 14.8/18

In: 0.015+/-0.018 χ^2/NDF : 7.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.012 χ^2/NDF : 14.8/18

asym_usl_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.795+/-0.013 χ^2/NDF : 373192.7/8

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

Right Out: 31.747+/-0.012 χ^2/NDF : 651184.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

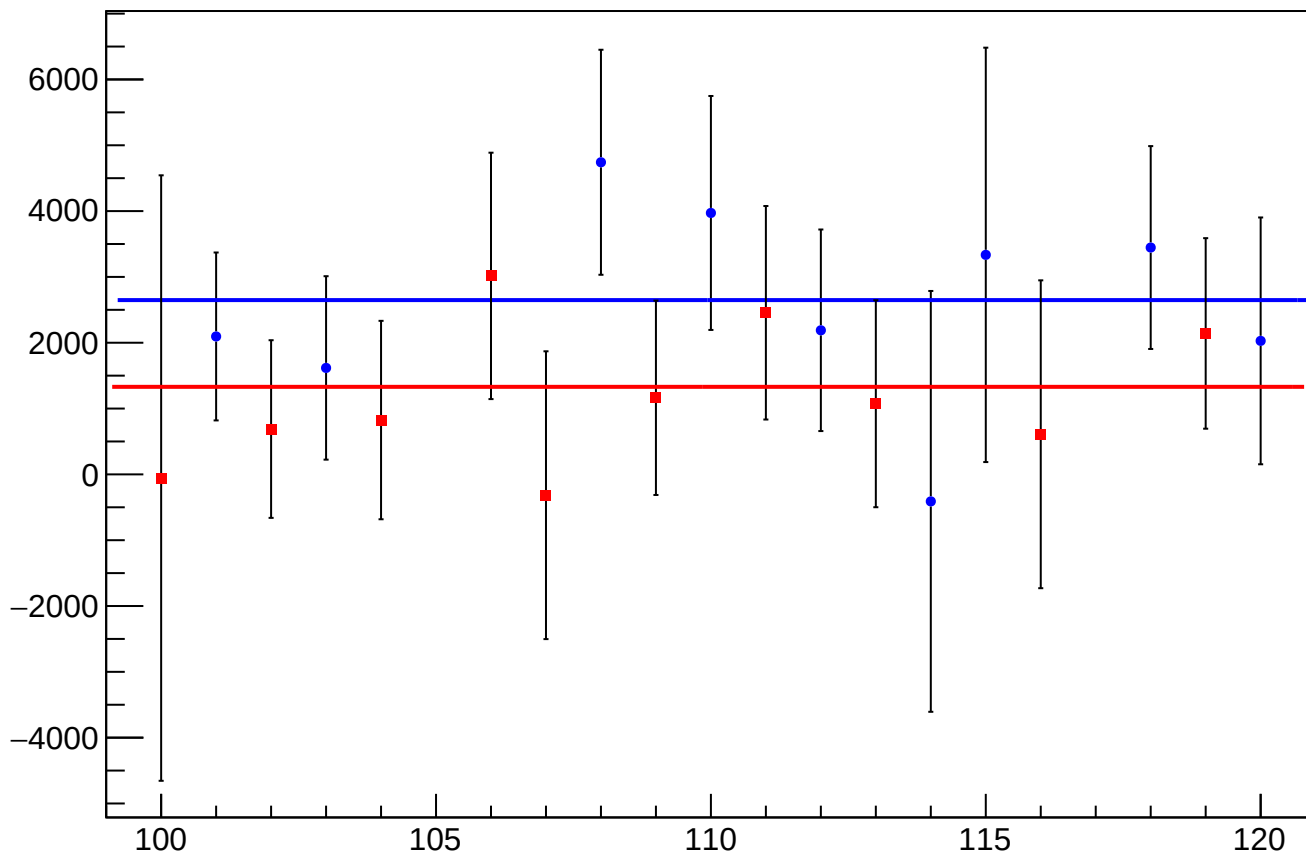
Right: 31.770+/-0.009 χ^2/NDF : 1024384.5/18

In: 31.795+/-0.013 χ^2/NDF : 373192.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.770+/-0.009 χ^2/NDF : 1024384.5/18

reg_asym_usr_mean vs Slug, Sign Corrected



Right In: 2647.849+/-566.195 χ^2/NDF : 4.2/8

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

Right Out: 1330.041+/-539.591 χ^2/NDF : 2.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

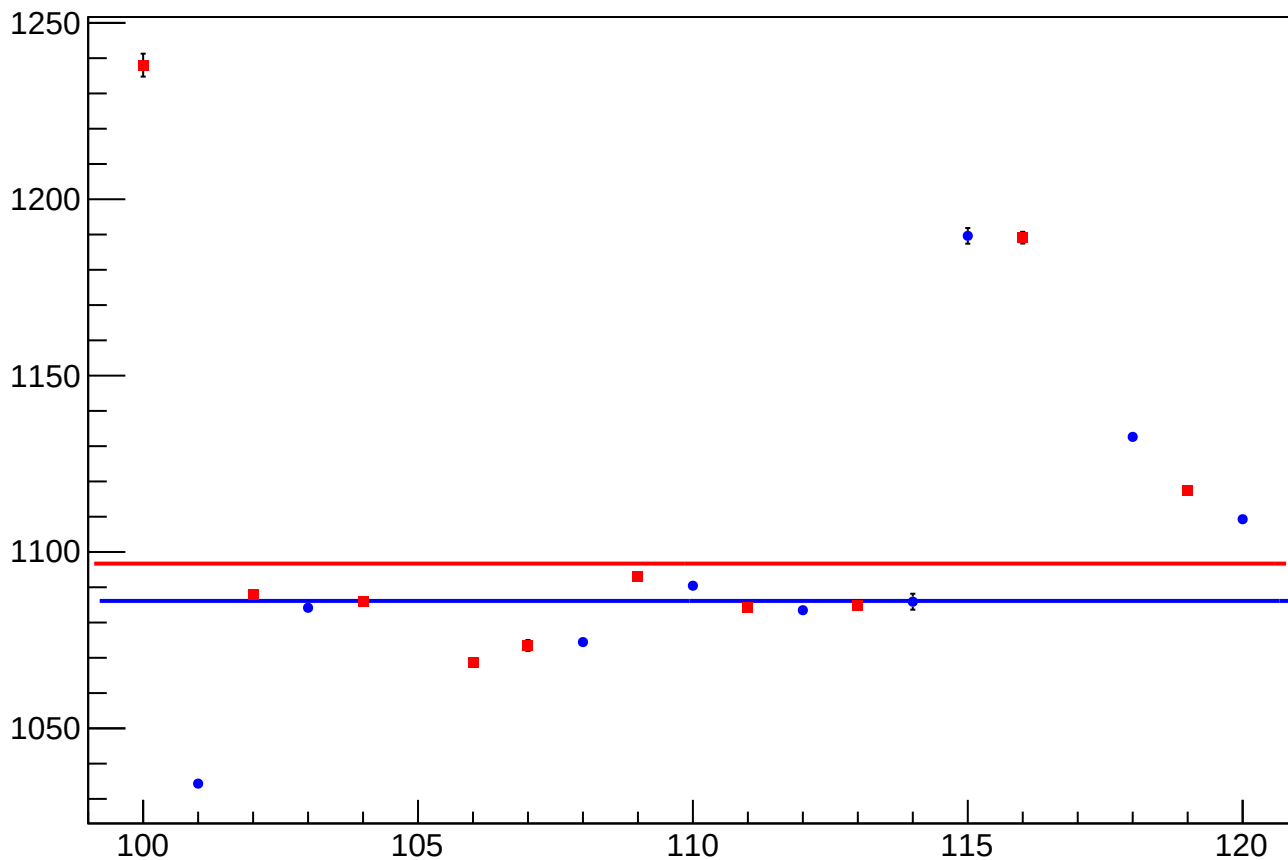
Right: 1957.259+/-390.615 χ^2/NDF : 9.8/18

In: 2647.849+/-566.195 χ^2/NDF : 4.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1957.259+/-390.615 χ^2/NDF : 9.8/18

reg_asym_usr_rms vs Slug, Sign Corrected



Right In: 1086.130+/-0.400 χ^2/NDF : 7701.5/8

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

Right Out: 1096.702+/-0.382 χ^2/NDF : 6526.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

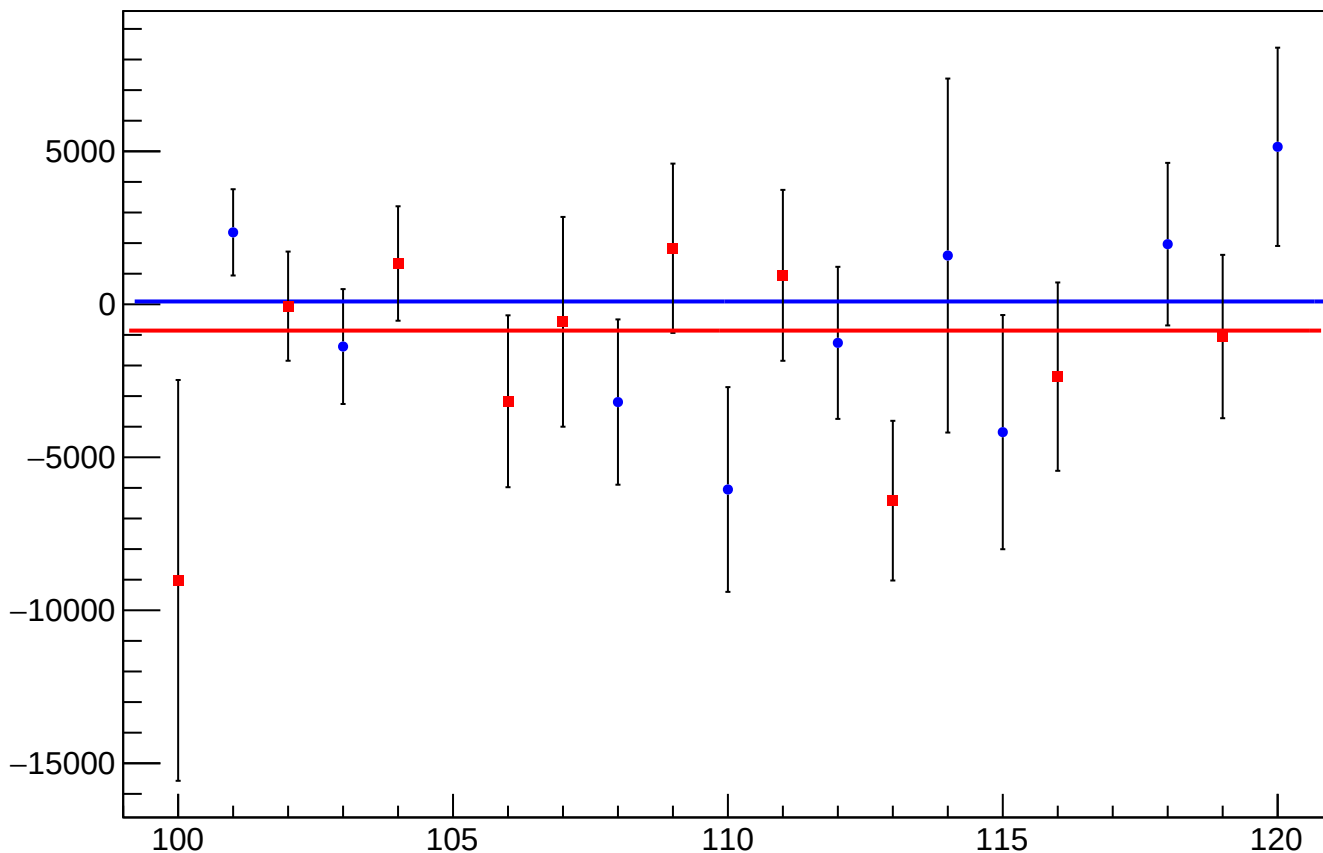
Right: 1091.670+/-0.276 χ^2/NDF : 14593.4/18

In: 1086.130+/-0.400 χ^2/NDF : 7701.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1091.670+/-0.276 χ^2/NDF : 14593.4/18

asym_usr_reg_correction_mean vs Slug, Sign Corrected



Right In: 92.893+/-813.673 χ^2/NDF : 12.6/8

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

Right Out: -858.979+/-820.053 χ^2/NDF : 10.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

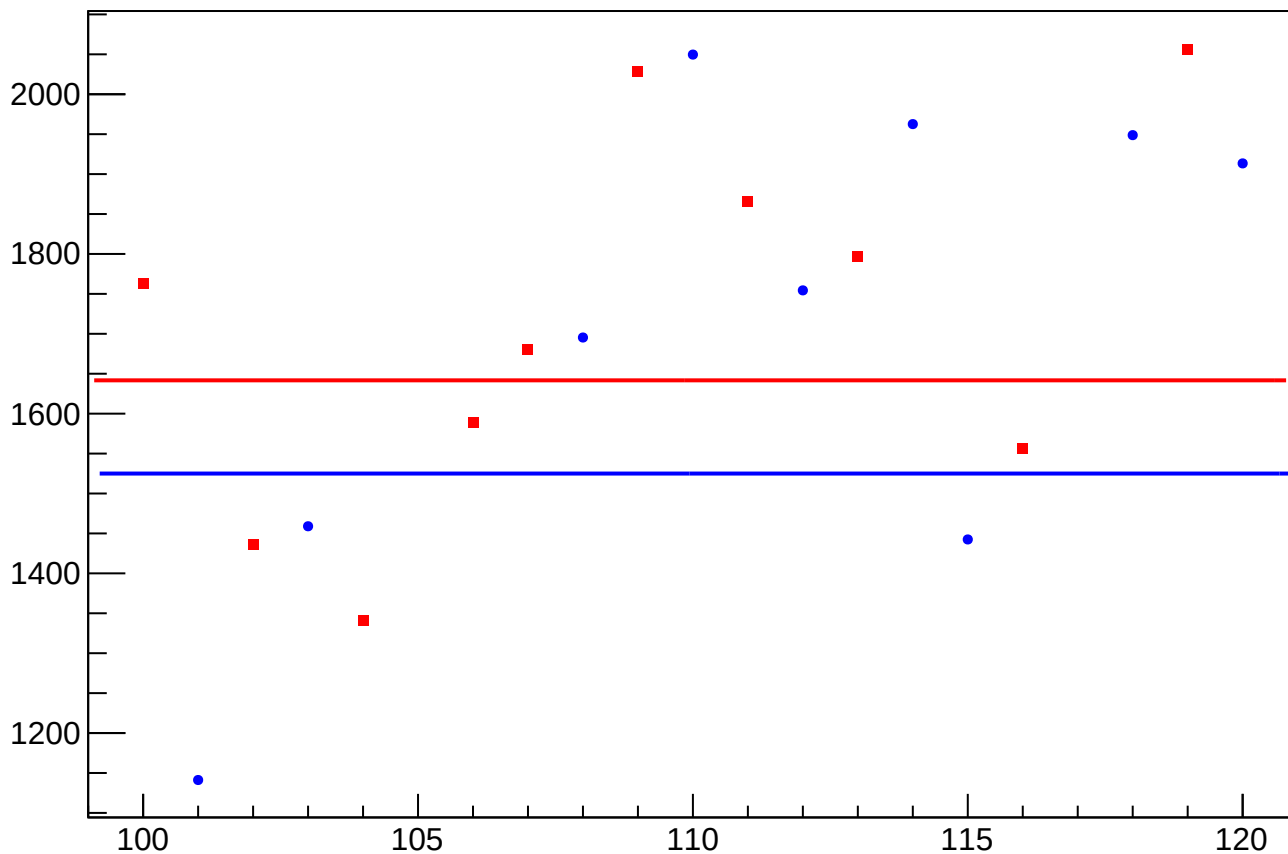
Right: -379.326+/-577.596 χ^2/NDF : 23.2/18

In: 92.893+/-813.673 χ^2/NDF : 12.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -379.326+/-577.596 χ^2/NDF : 23.2/18

asym_usr_reg_correction_rms vs Slug, Sign Corrected



Right In: 1524.986+/-0.575 χ^2/NDF : 316924.1/8

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

Right Out: 1641.719+/-0.580 χ^2/NDF : 188737.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

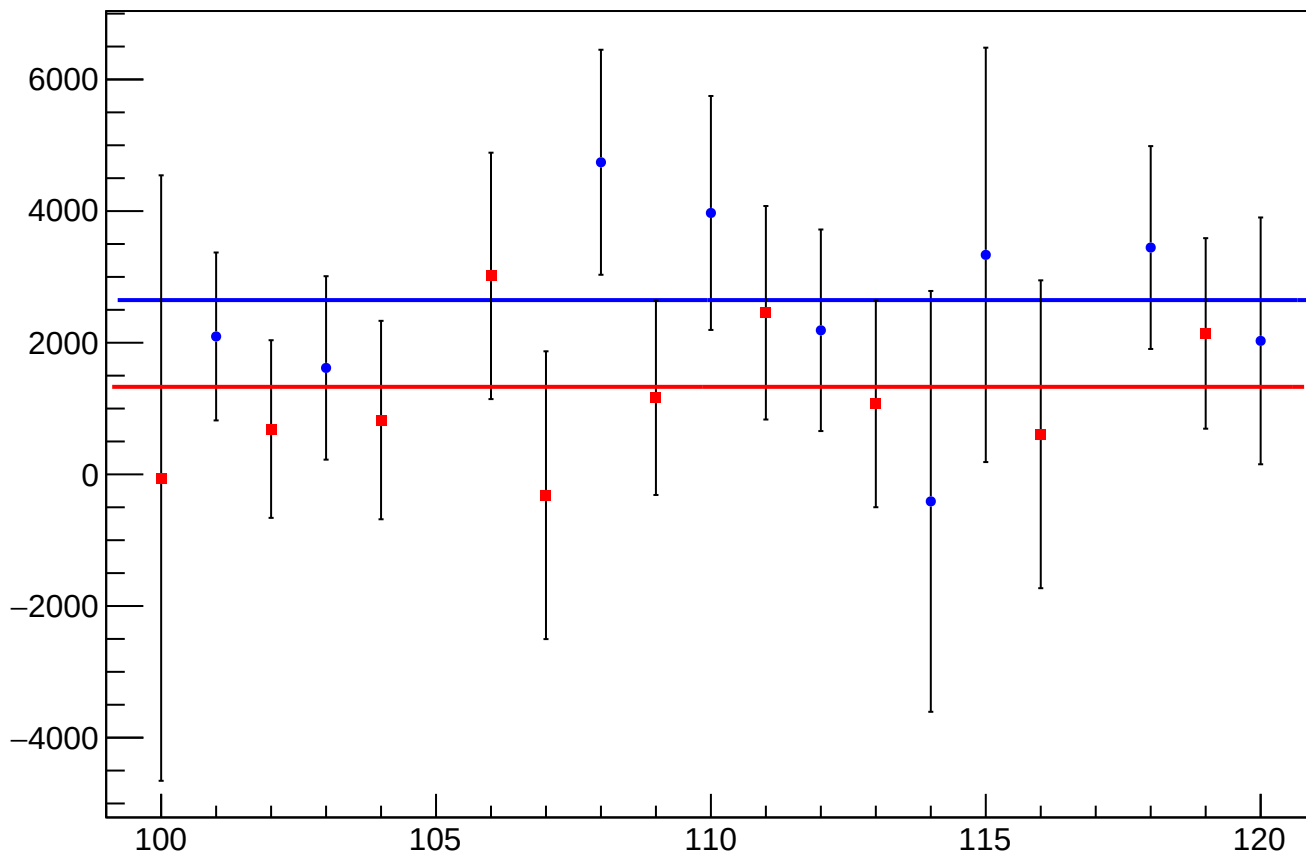
Right: 1582.896+/-0.408 χ^2/NDF : 526083.0/18

In: 1524.986+/-0.575 χ^2/NDF : 316924.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1582.896+/-0.408 χ^2/NDF : 526083.0/18

cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2647.849+/-566.195 χ^2/NDF : 4.2/8

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

Right Out: 1330.041+/-539.591 χ^2/NDF : 2.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

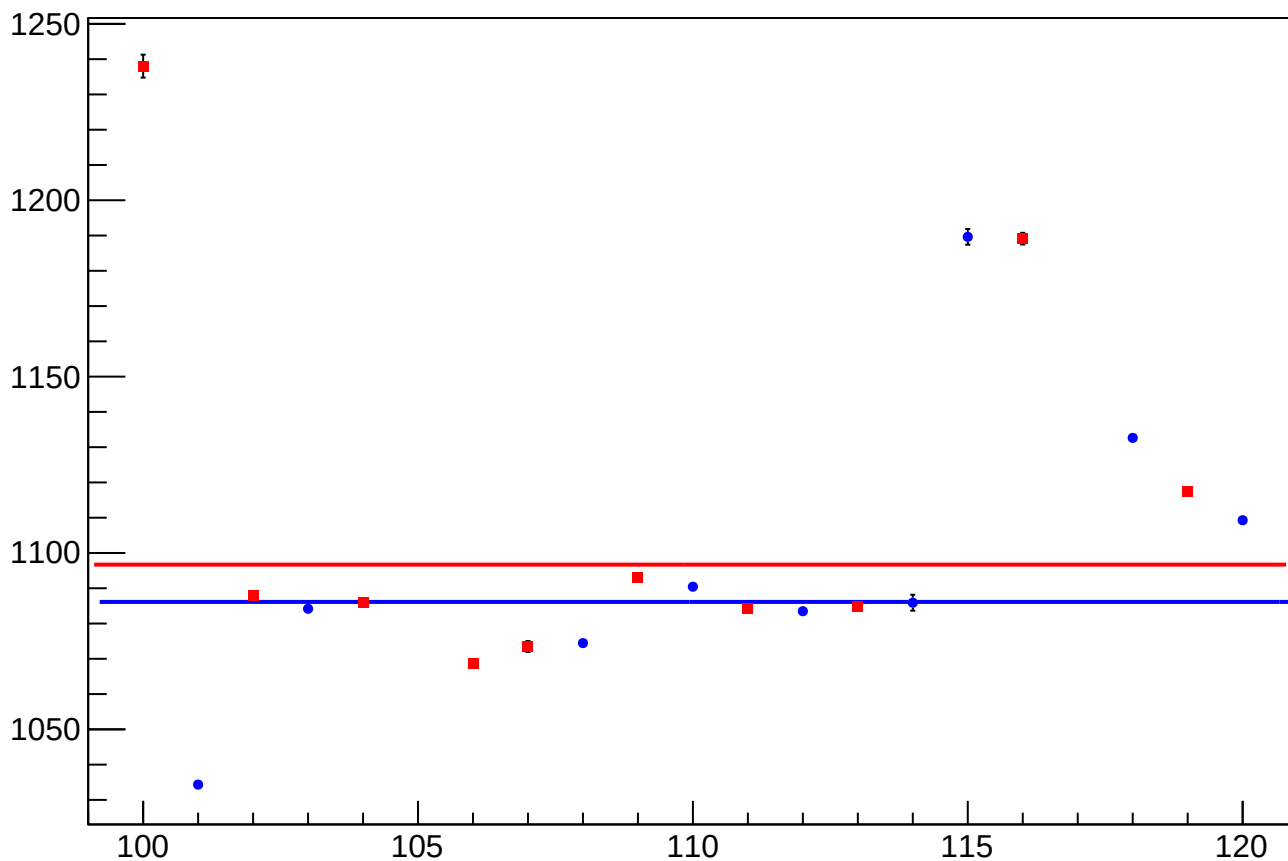
Right: 1957.259+/-390.615 χ^2/NDF : 9.8/18

In: 2647.849+/-566.195 χ^2/NDF : 4.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1957.259+/-390.615 χ^2/NDF : 9.8/18

cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1086.130+/-0.400 χ^2/NDF : 7701.5/8

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

Right Out: 1096.702+/-0.382 χ^2/NDF : 6526.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

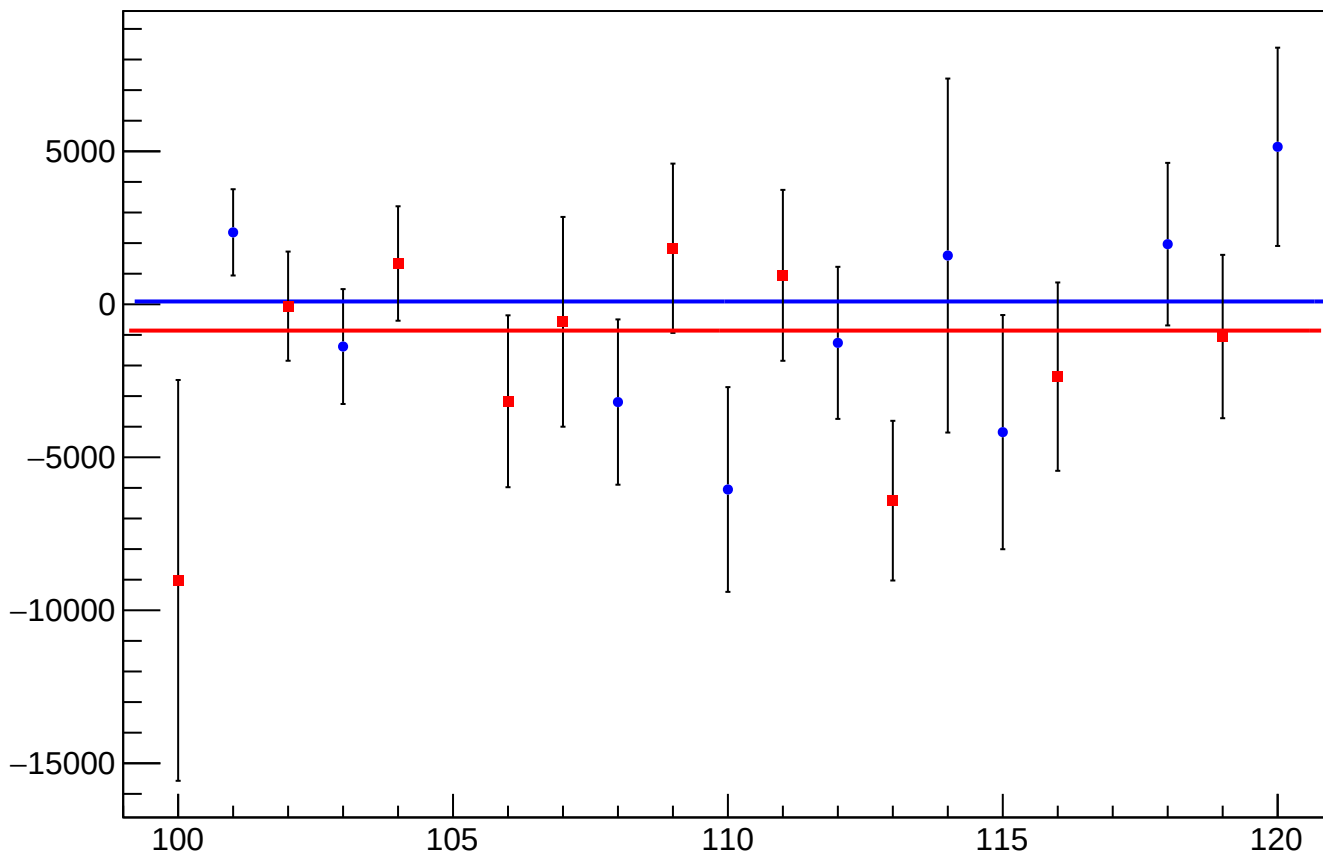
Right: 1091.670+/-0.276 χ^2/NDF : 14593.4/18

In: 1086.130+/-0.400 χ^2/NDF : 7701.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1091.670+/-0.276 χ^2/NDF : 14593.4/18

asym_usr_cor_correction_mean vs Slug, Sign Corrected



Right In: 92.893 $\pm$ 813.673 χ^2/NDF : 12.6/8

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

Right Out: -858.979 $\pm$ 820.053 χ^2/NDF : 10.0/9

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

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

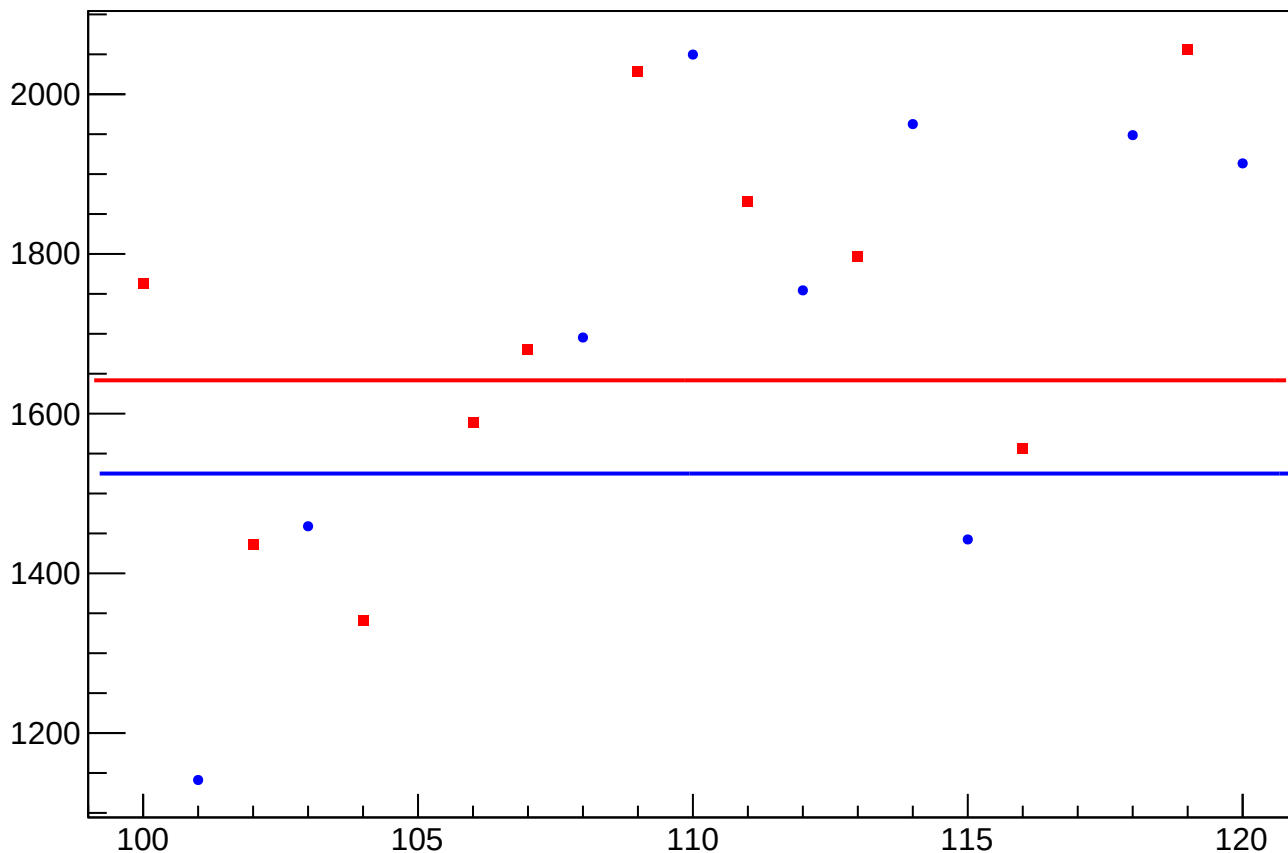
Right: -379.326 $\pm$ 577.596 χ^2/NDF : 23.2/18

In: 92.893 $\pm$ 813.673 χ^2/NDF : 12.6/8

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

All: -379.326 $\pm$ 577.596 χ^2/NDF : 23.2/18

asym_usr_cor_correction_rms vs Slug, Sign Corrected



Right In: 1524.986+/-0.575 χ^2/NDF : 316924.1/8

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

Right Out: 1641.719+/-0.580 χ^2/NDF : 188737.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

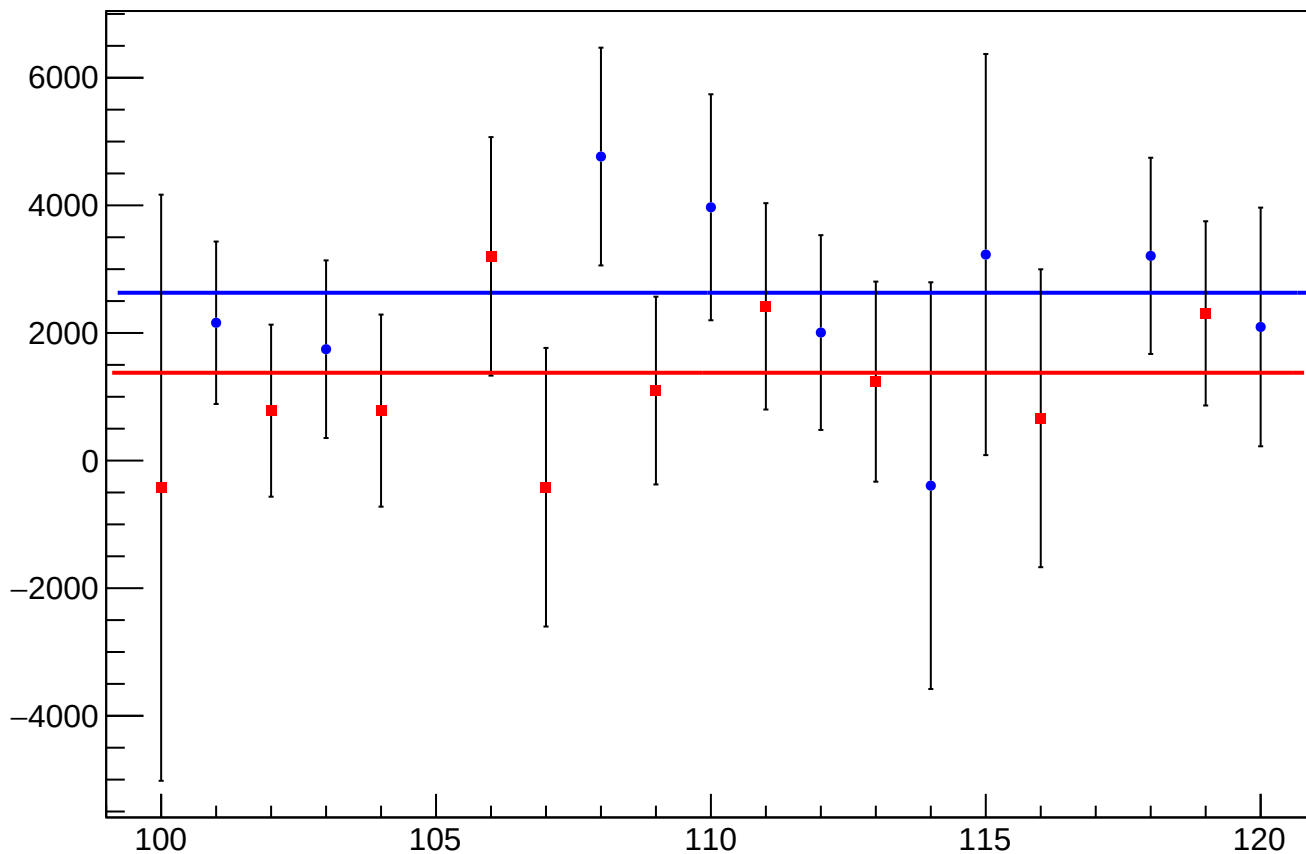
Right: 1582.896+/-0.408 χ^2/NDF : 526083.0/18

In: 1524.986+/-0.575 χ^2/NDF : 316924.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1582.896+/-0.408 χ^2/NDF : 526083.0/18

overload_cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2630.313+/-564.962 χ^2/NDF : 4.0/8

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

Right Out: 1376.372+/-538.472 χ^2/NDF : 3.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

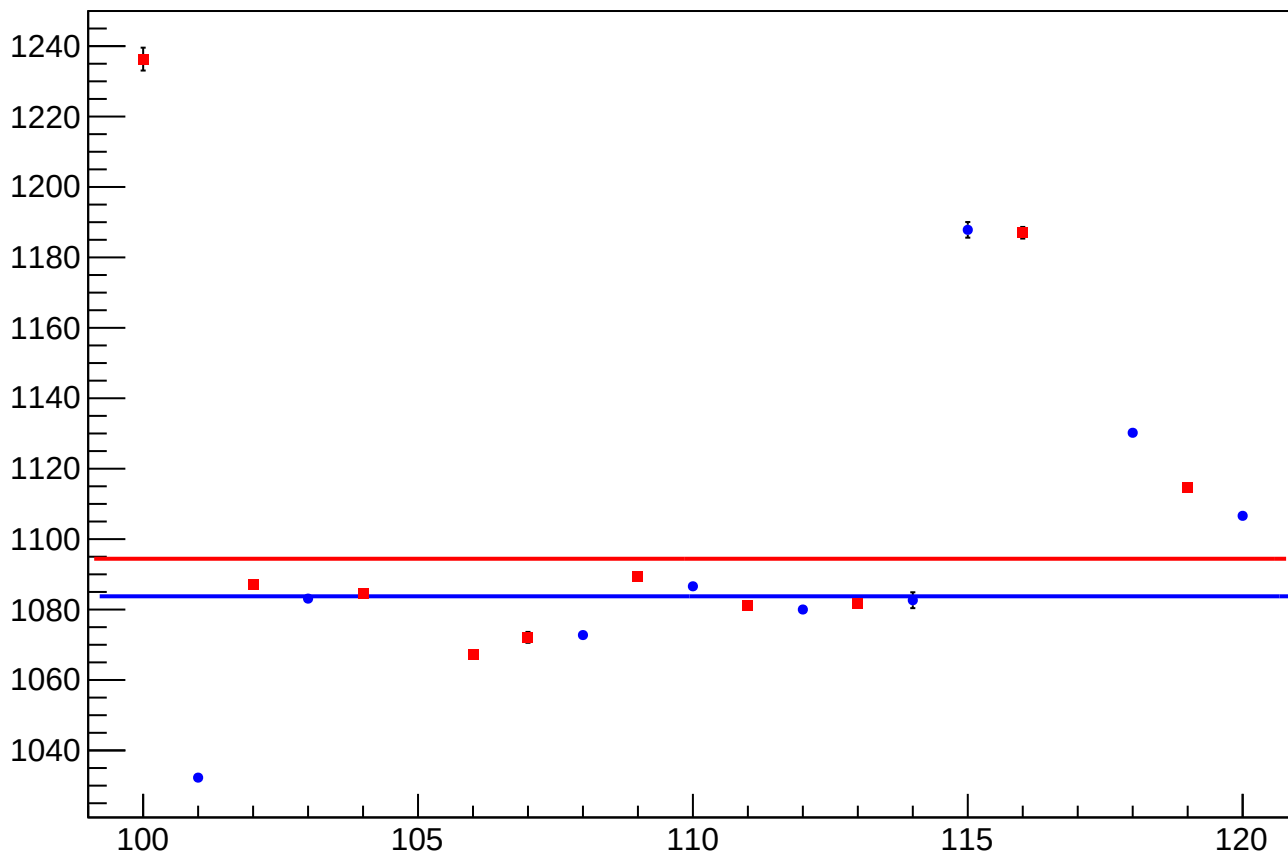
Right: 1973.256+/-389.785 χ^2/NDF : 9.7/18

In: 2630.313+/-564.962 χ^2/NDF : 4.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1973.256+/-389.785 χ^2/NDF : 9.7/18

overload_cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1083.764+/-0.399 χ^2/NDF : 7688.0/8

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

Right Out: 1094.427+/-0.381 χ^2/NDF : 6514.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

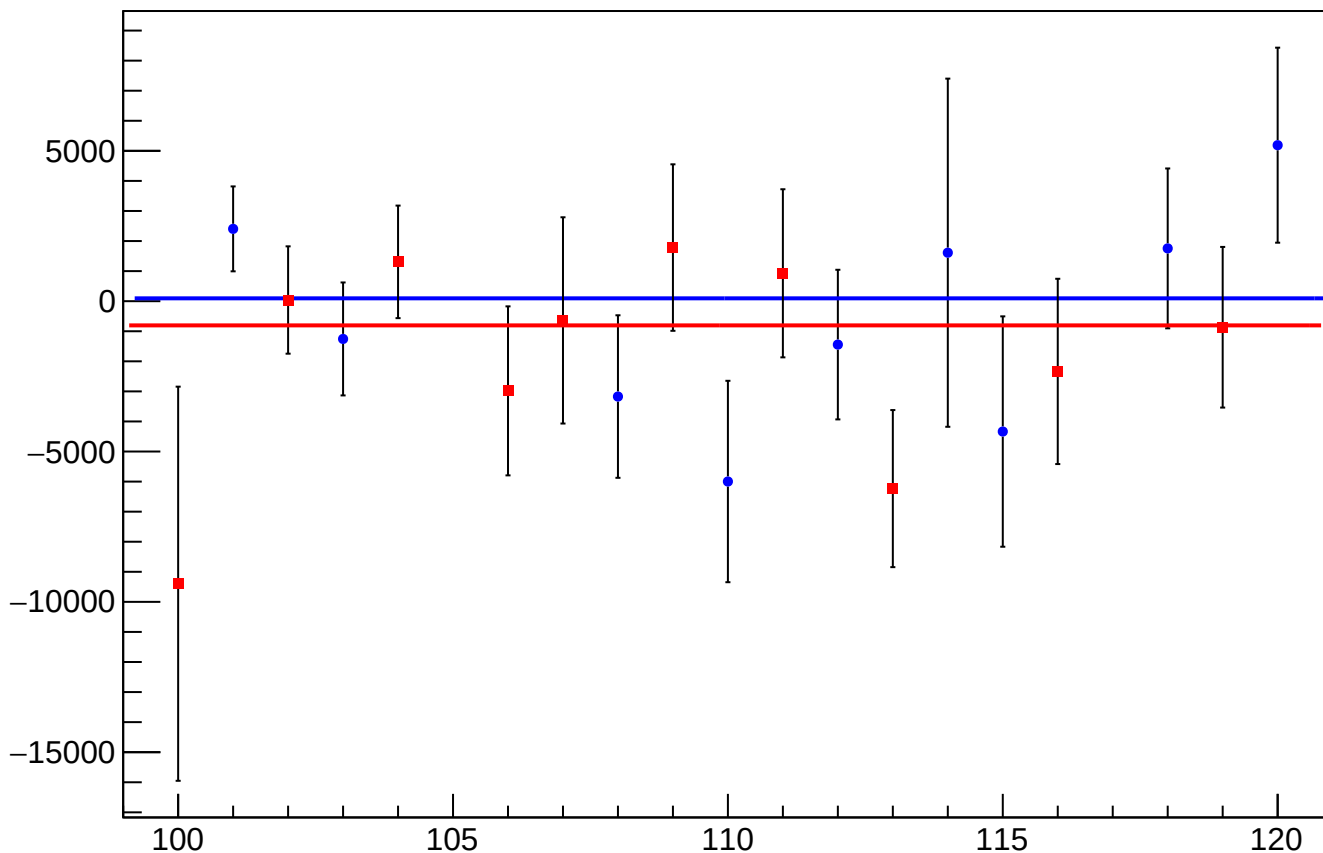
Right: 1089.351+/-0.276 χ^2/NDF : 14575.4/18

In: 1083.764+/-0.399 χ^2/NDF : 7688.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1089.351+/-0.276 χ^2/NDF : 14575.4/18

asym_usr_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 94.757+/-814.557 χ^2/NDF : 12.6/8

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

Right Out: -804.732+/-820.691 χ^2/NDF : 9.6/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

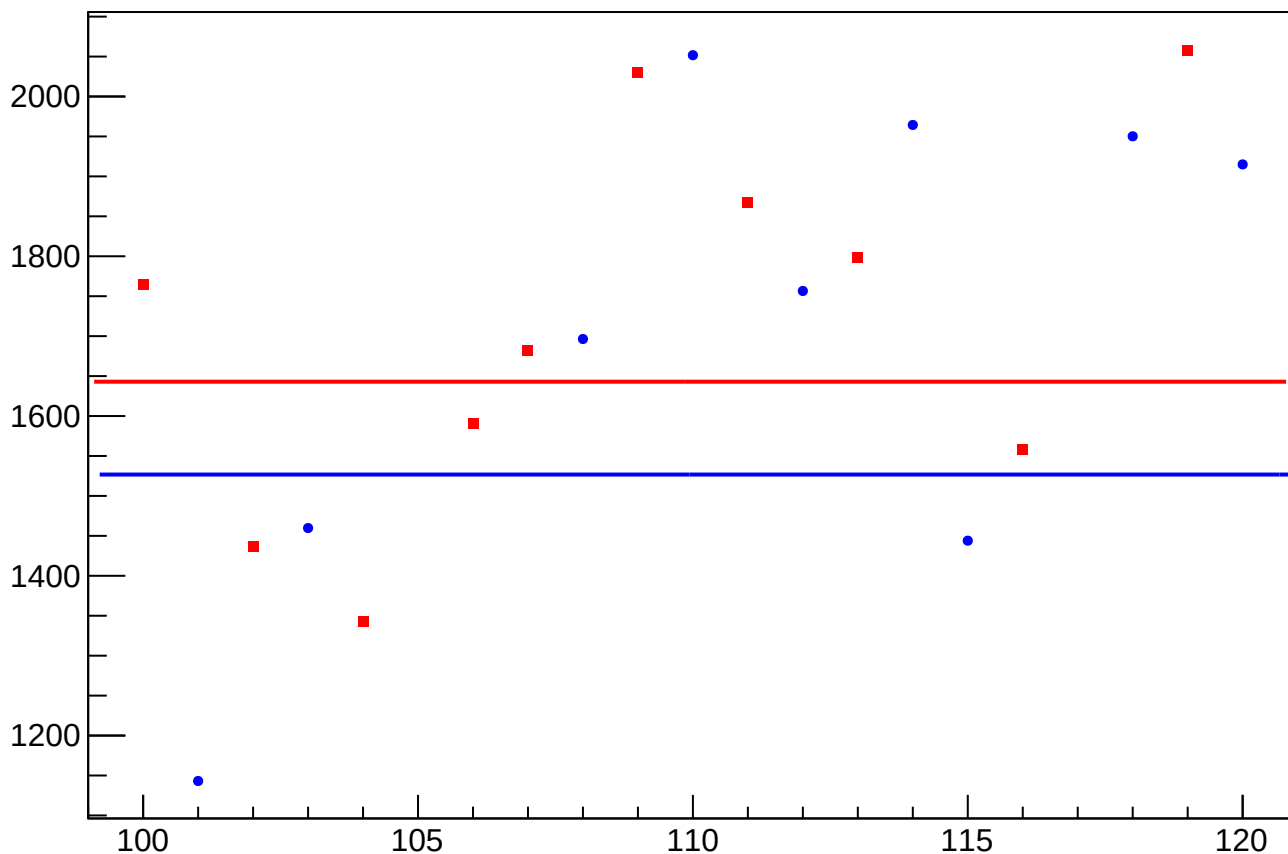
Right: -351.614+/-578.135 χ^2/NDF : 22.9/18

In: 94.757+/-814.557 χ^2/NDF : 12.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -351.614+/-578.135 χ^2/NDF : 22.9/18

asym_usr_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 1526.745+/-0.576 χ^2/NDF : 316047.5/8

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

Right Out: 1642.989+/-0.580 χ^2/NDF : 188923.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

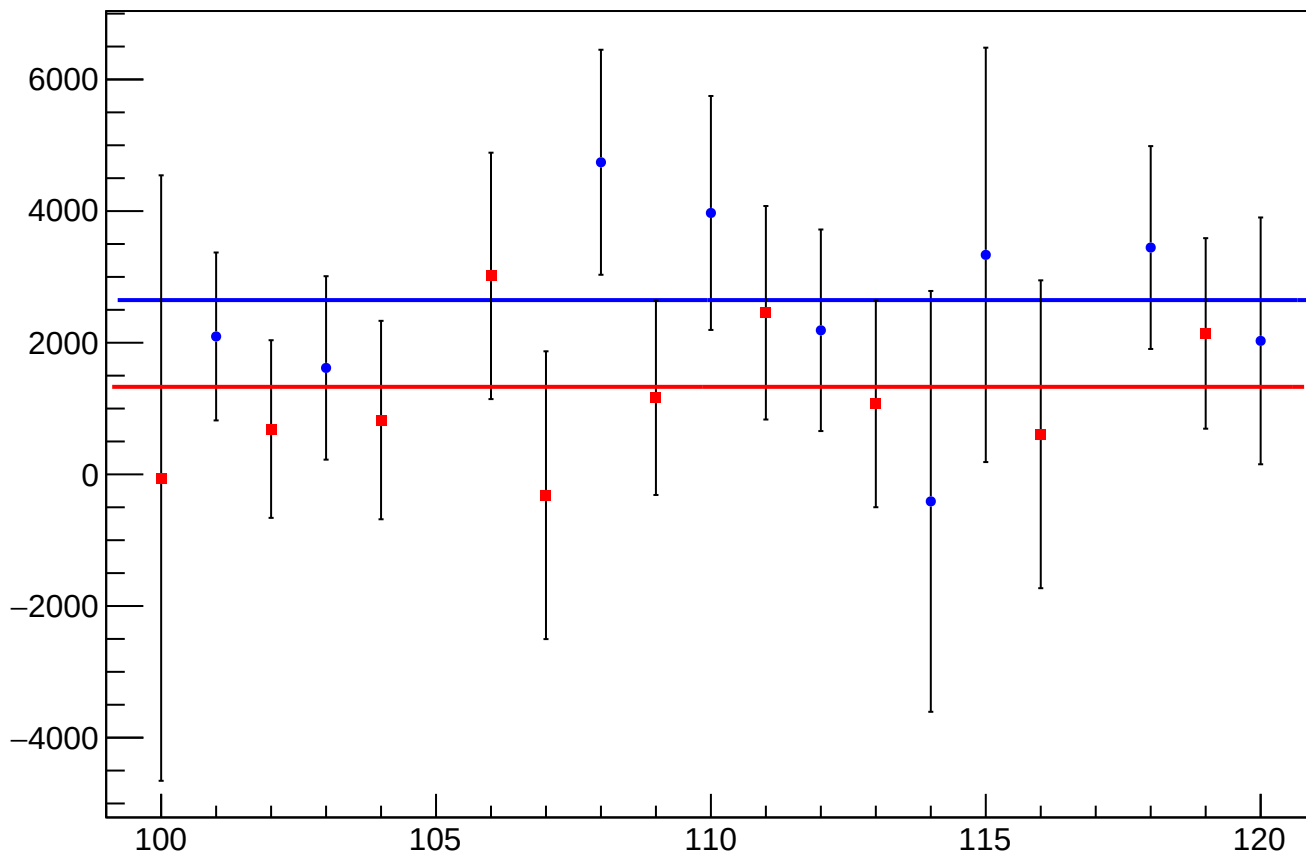
Right: 1584.431+/-0.409 χ^2/NDF : 525183.5/18

In: 1526.745+/-0.576 χ^2/NDF : 316047.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1584.431+/-0.409 χ^2/NDF : 525183.5/18

eigen_cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2647.849+/-566.195 χ^2/NDF : 4.2/8

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

Right Out: 1330.041+/-539.591 χ^2/NDF : 2.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

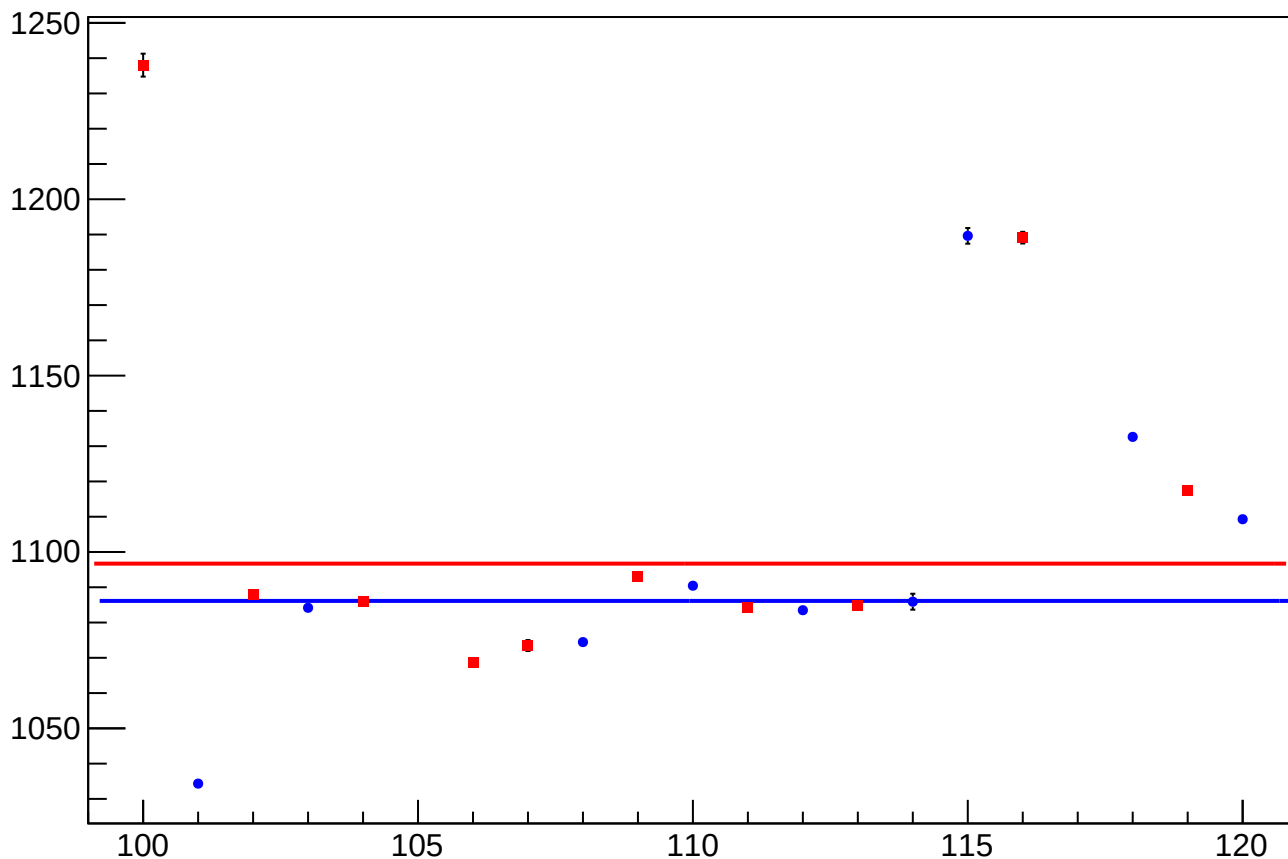
Right: 1957.259+/-390.615 χ^2/NDF : 9.8/18

In: 2647.849+/-566.195 χ^2/NDF : 4.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1957.259+/-390.615 χ^2/NDF : 9.8/18

eigen_cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1086.130+/-0.400 χ^2/NDF : 7701.5/8

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

Right Out: 1096.702+/-0.382 χ^2/NDF : 6526.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

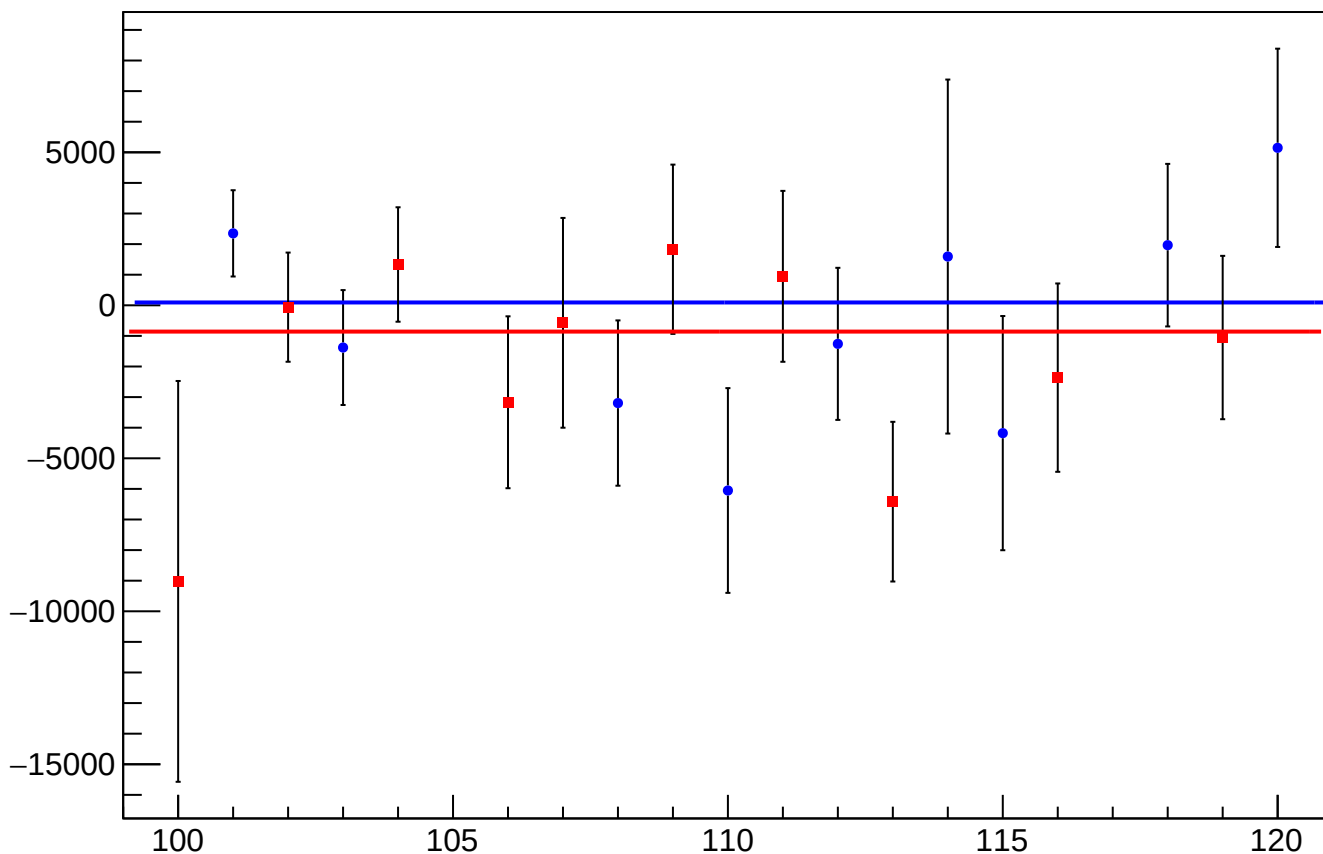
Right: 1091.670+/-0.276 χ^2/NDF : 14593.4/18

In: 1086.130+/-0.400 χ^2/NDF : 7701.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1091.670+/-0.276 χ^2/NDF : 14593.4/18

asym_usr_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 92.893+/-813.673 χ^2/NDF : 12.6/8

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

Right Out: -858.979+/-820.053 χ^2/NDF : 10.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

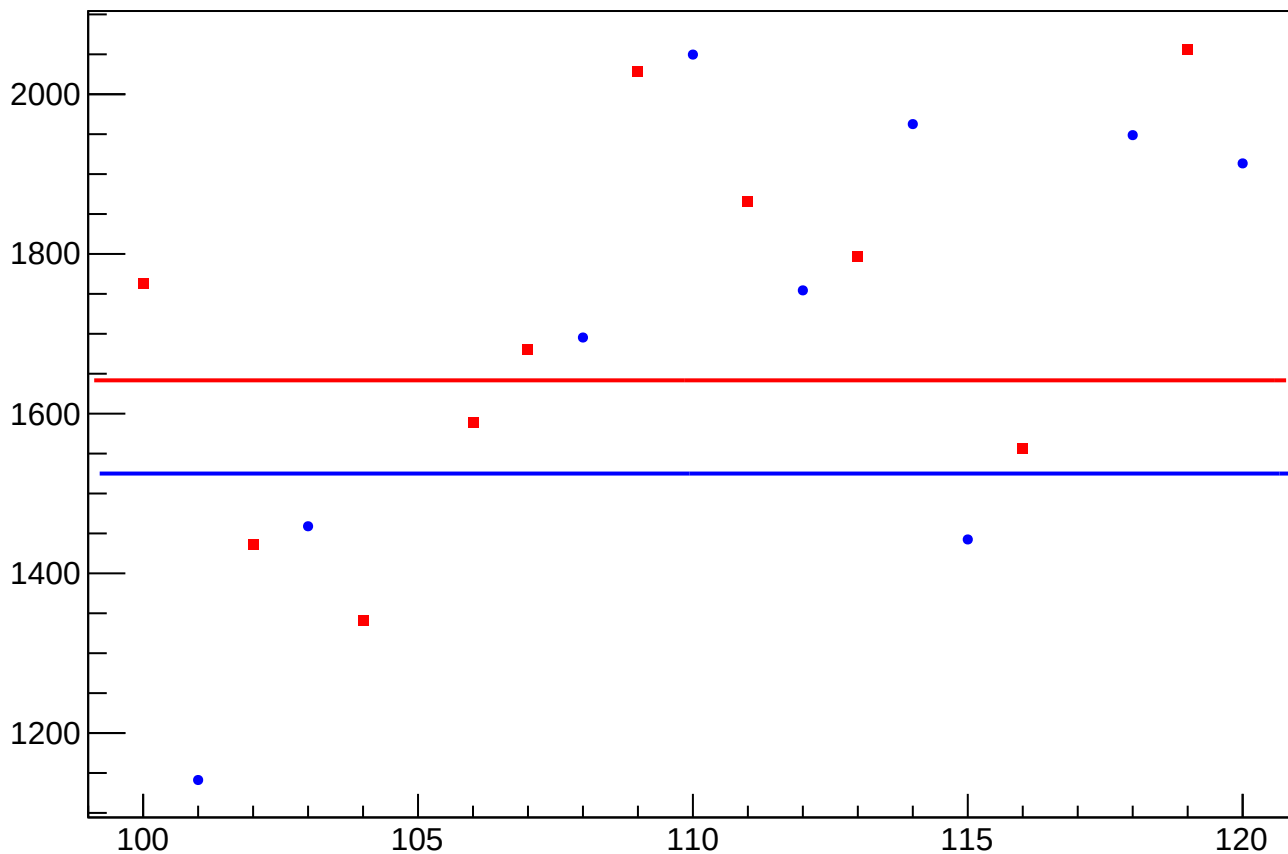
Right: -379.326+/-577.596 χ^2/NDF : 23.2/18

In: 92.893+/-813.673 χ^2/NDF : 12.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -379.326+/-577.596 χ^2/NDF : 23.2/18

asym_usr_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1524.986+/-0.575 χ^2/NDF : 316924.1/8

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

Right Out: 1641.719+/-0.580 χ^2/NDF : 188737.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

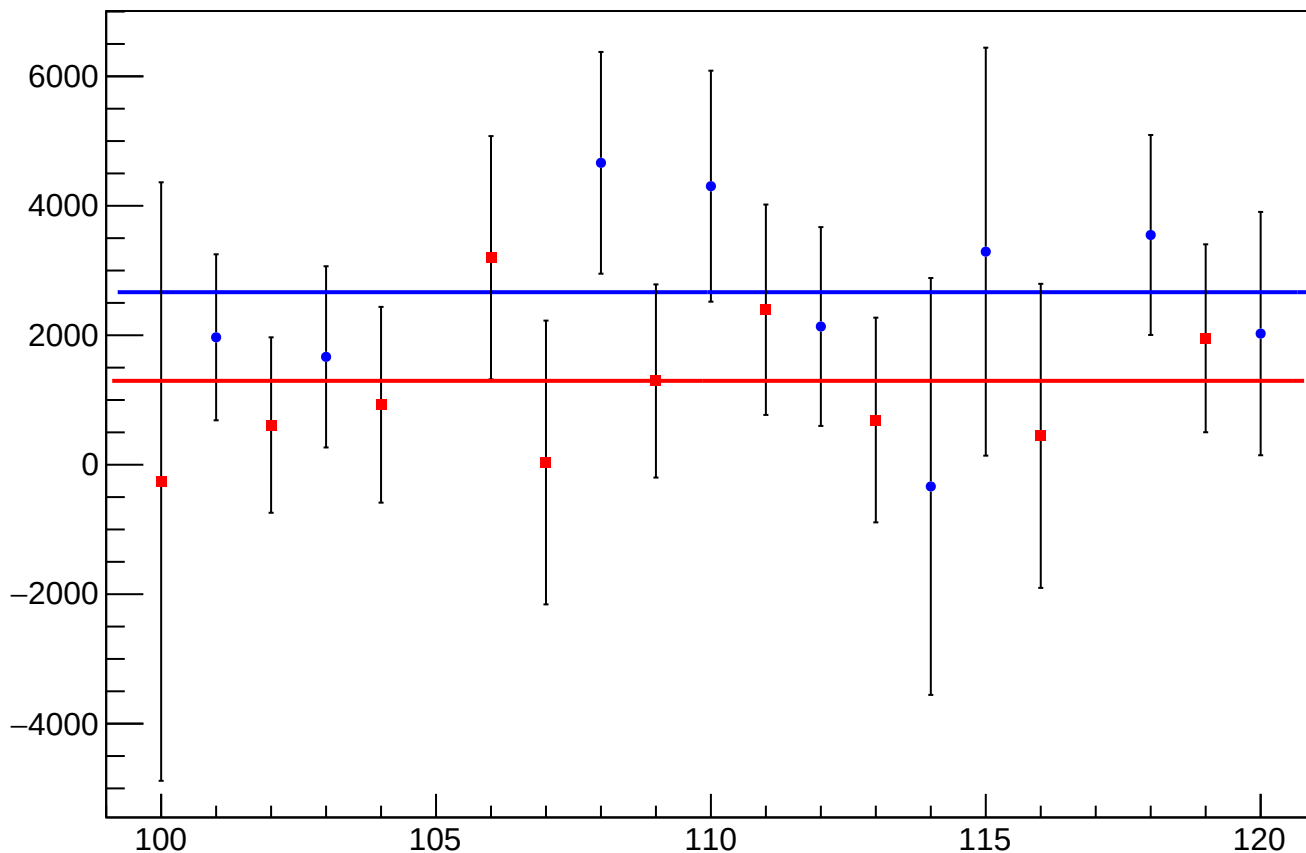
Right: 1582.896+/-0.408 χ^2/NDF : 526083.0/18

In: 1524.986+/-0.575 χ^2/NDF : 316924.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1582.896+/-0.408 χ^2/NDF : 526083.0/18

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2665.429+/-568.218 χ^2/NDF : 4.5/8

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

Right Out: 1296.077+/-542.050 χ^2/NDF : 2.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

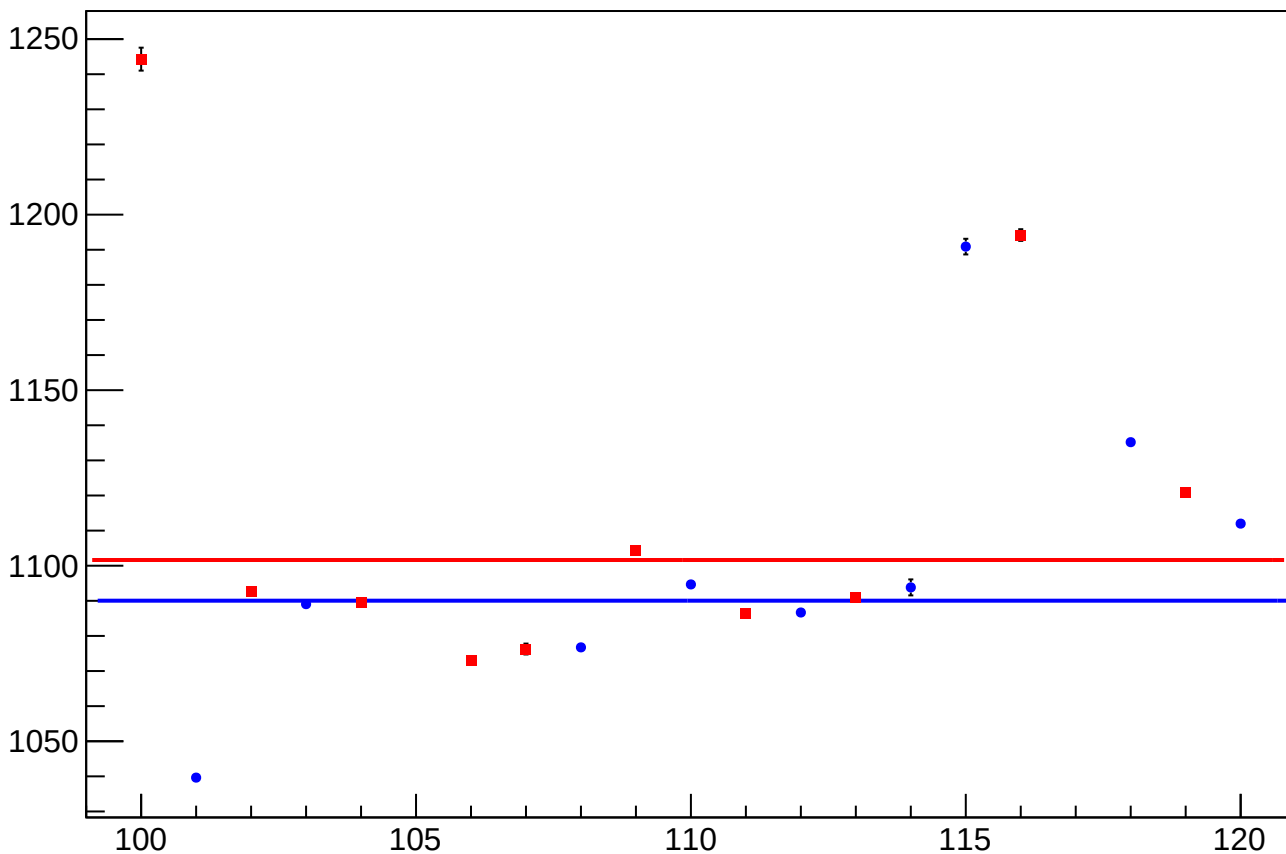
Right: 1948.496+/-392.212 χ^2/NDF : 10.2/18

In: 2665.429+/-568.218 χ^2/NDF : 4.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1948.496+/-392.212 χ^2/NDF : 10.2/18

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1090.038+/-0.402 χ^2/NDF : 7268.1/8

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

Right Out: 1101.627+/-0.383 χ^2/NDF : 6587.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

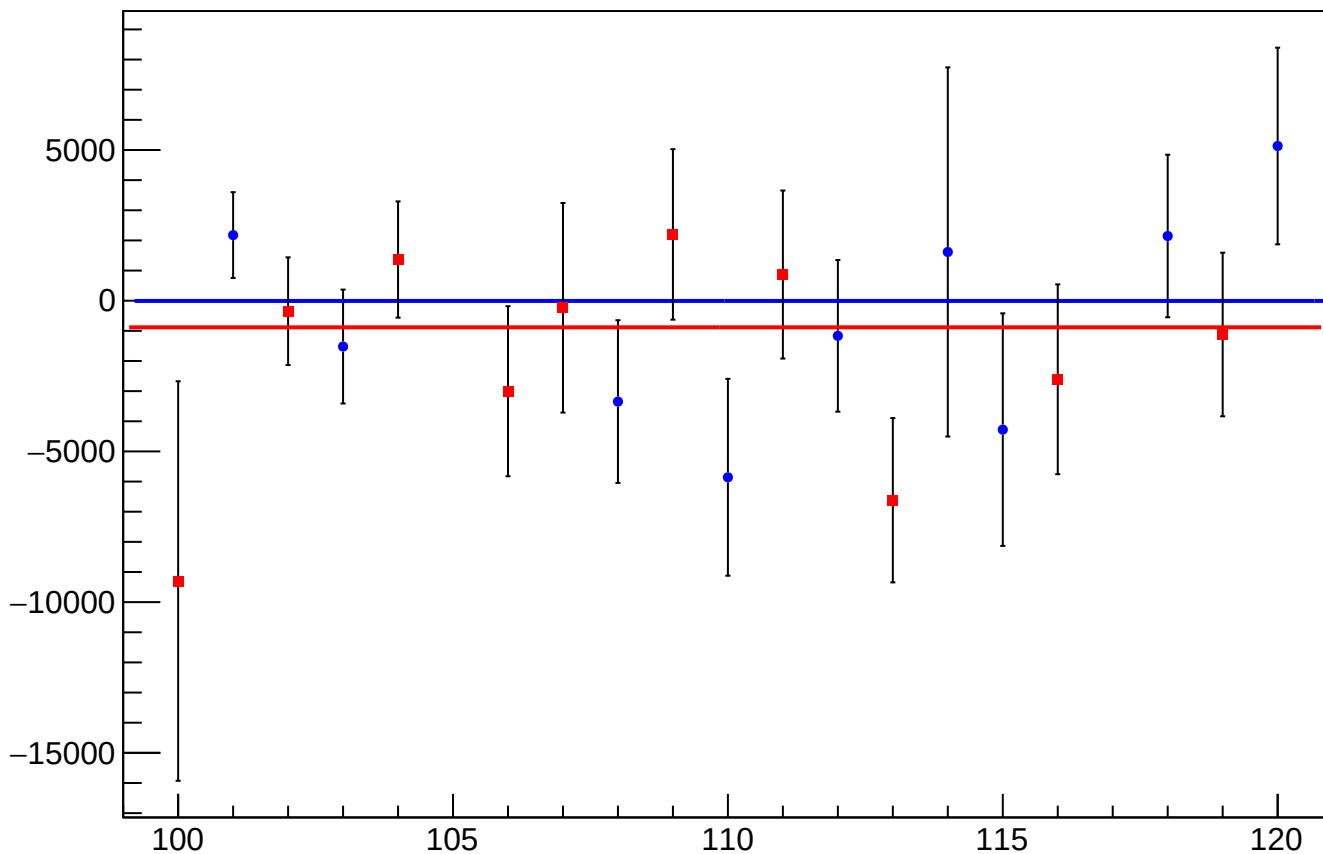
Right: 1096.106+/-0.277 χ^2/NDF : 14291.0/18

In: 1090.038+/-0.402 χ^2/NDF : 7268.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1096.106+/-0.277 χ^2/NDF : 14291.0/18

asym_usr_dit_correction_mean vs Slug, Sign Corrected



Right In: -7.843+/-819.807 χ^2/NDF : 12.4/8

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

Right Out: -882.877+/-833.805 χ^2/NDF : 10.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

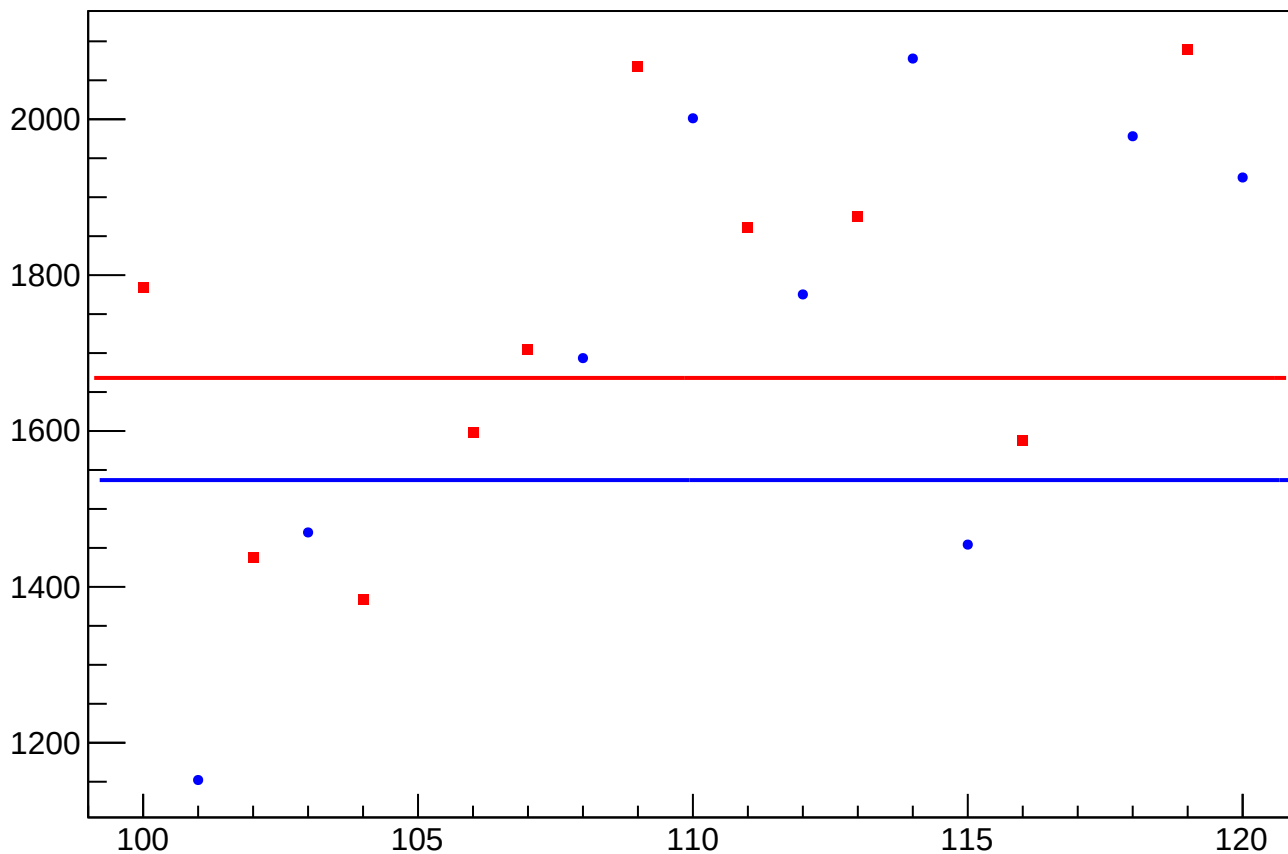
Right: -437.953+/-584.577 χ^2/NDF : 22.9/18

In: -7.843+/-819.807 χ^2/NDF : 12.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -437.953+/-584.577 χ^2/NDF : 22.9/18

asym_usr_dit_correction_rms vs Slug, Sign Corrected



Right In: 1537.032+/-0.580 χ^2/NDF : 312122.3/8

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

Right Out: 1668.107+/-0.590 χ^2/NDF : 189559.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

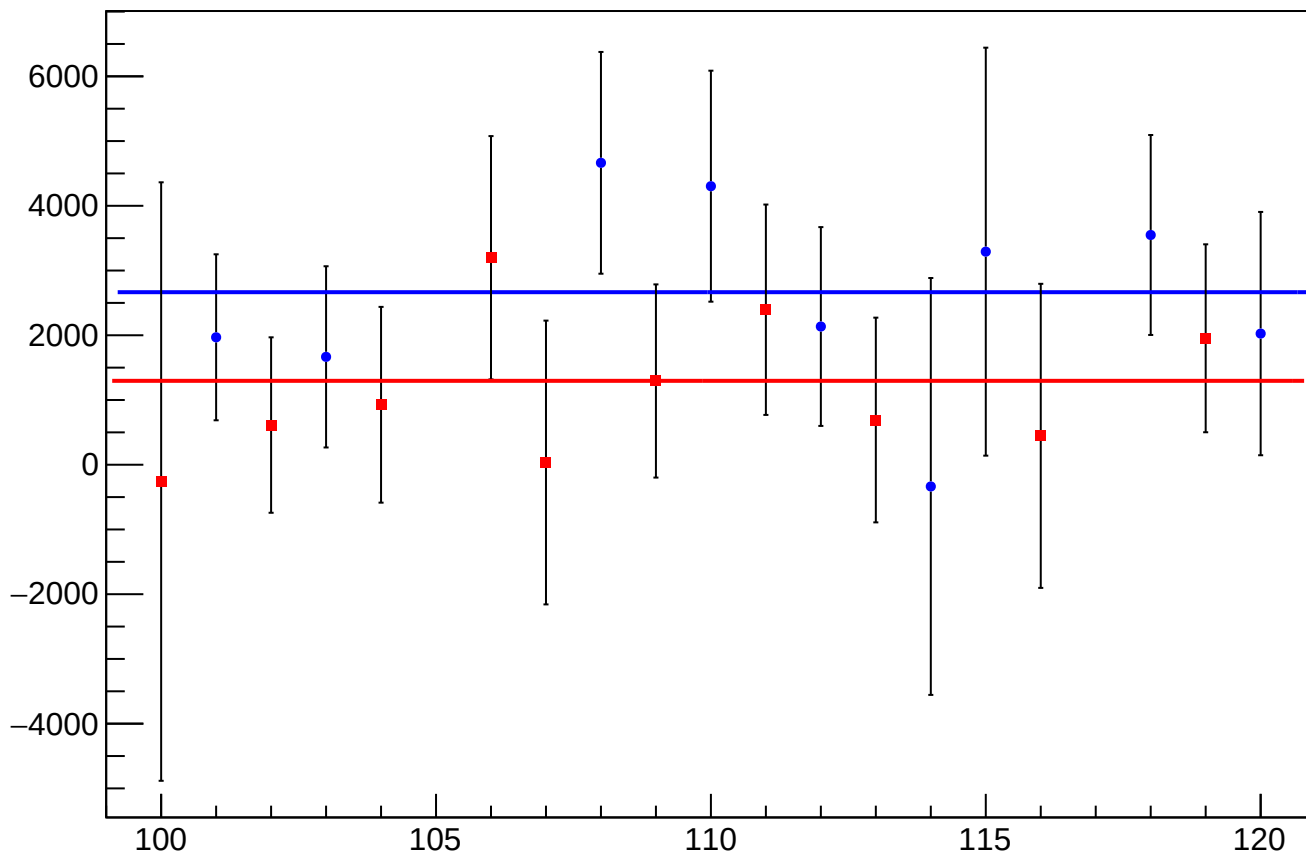
Right: 1601.460+/-0.413 χ^2/NDF : 526812.0/18

In: 1537.032+/-0.580 χ^2/NDF : 312122.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1601.460+/-0.413 χ^2/NDF : 526812.0/18

eigen_dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2665.428+/-568.218 χ^2/NDF : 4.5/8

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

Right Out: 1296.081+/-542.050 χ^2/NDF : 2.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

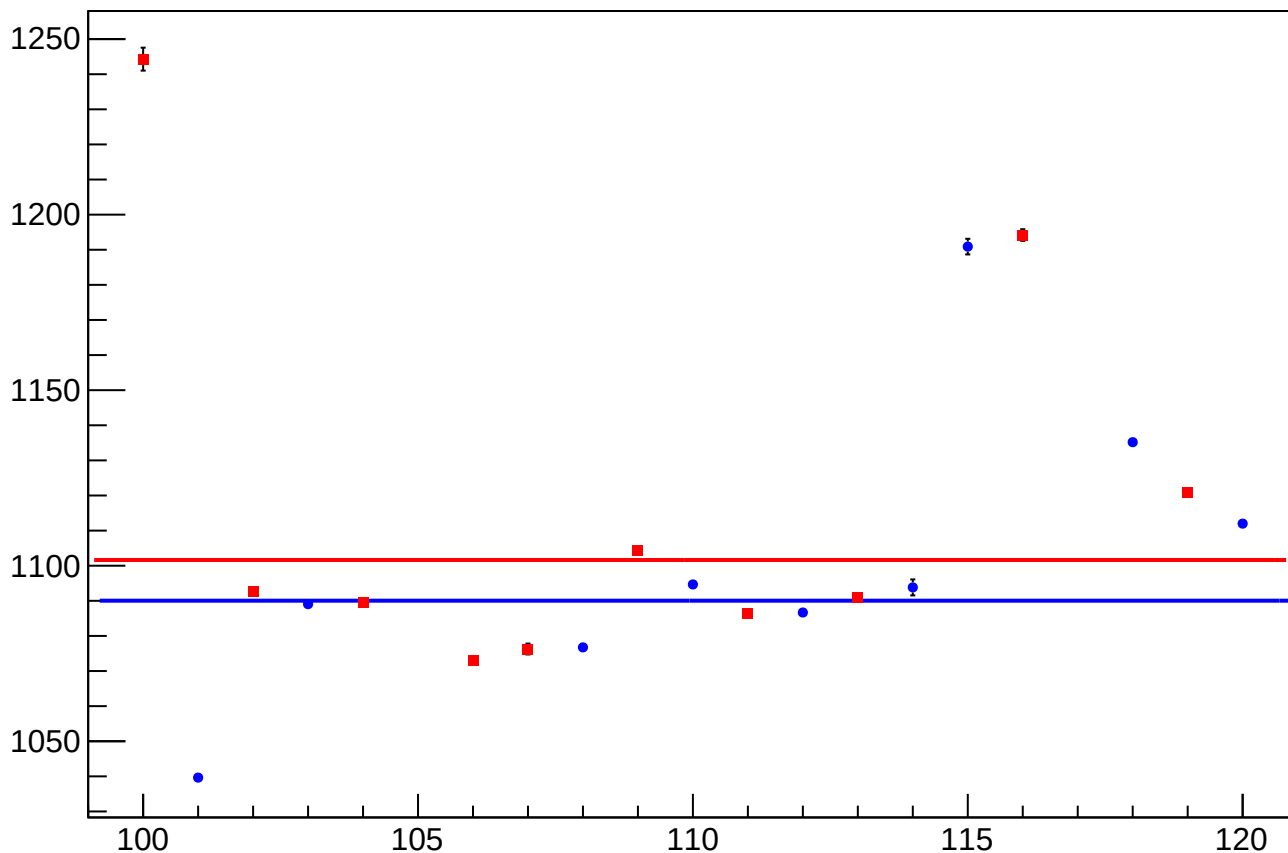
Right: 1948.498+/-392.212 χ^2/NDF : 10.2/18

In: 2665.428+/-568.218 χ^2/NDF : 4.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1948.498+/-392.212 χ^2/NDF : 10.2/18

eigen_dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1090.038+/-0.402 χ^2/NDF : 7268.1/8

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

Right Out: 1101.627+/-0.383 χ^2/NDF : 6587.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

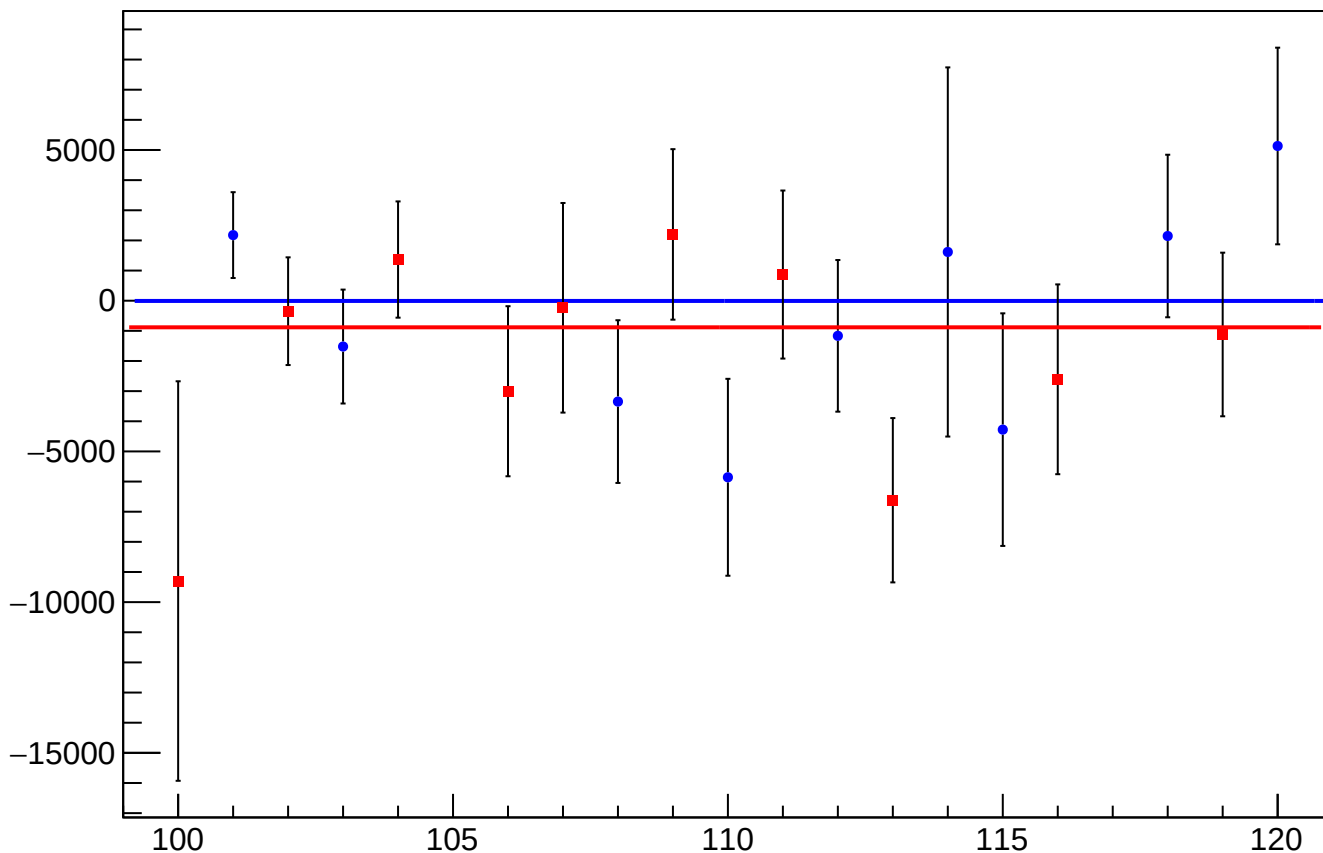
Right: 1096.105+/-0.277 χ^2/NDF : 14290.9/18

In: 1090.038+/-0.402 χ^2/NDF : 7268.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1096.105+/-0.277 χ^2/NDF : 14290.9/18

asym_usr_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -7.843+/-819.805 χ^2/NDF : 12.4/8

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

Right Out: -882.881+/-833.804 χ^2/NDF : 10.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

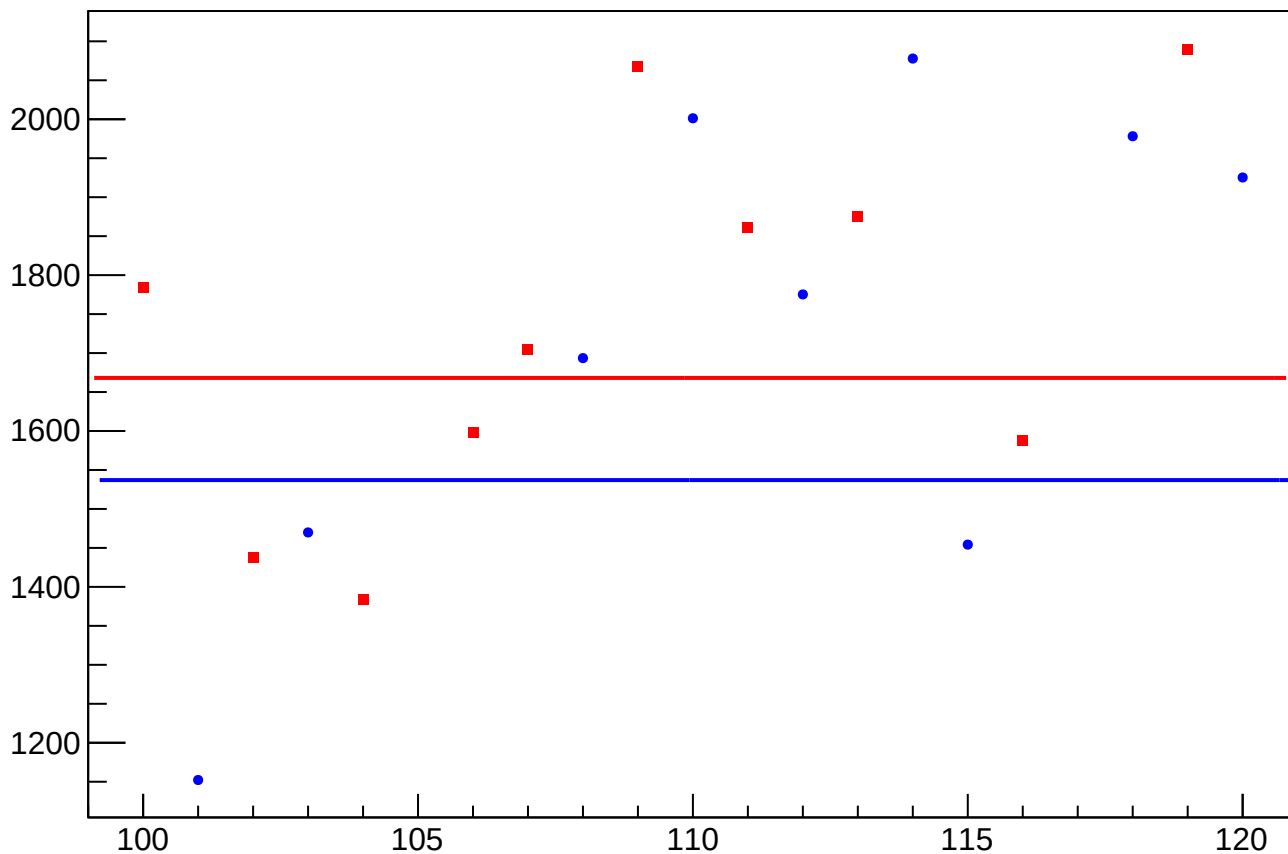
Right: -437.955+/-584.576 χ^2/NDF : 22.9/18

In: -7.843+/-819.805 χ^2/NDF : 12.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -437.955+/-584.576 χ^2/NDF : 22.9/18

asym_usr_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1537.030+/-0.580 χ^2/NDF : 312116.0/8

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

Right Out: 1668.107+/-0.590 χ^2/NDF : 189552.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

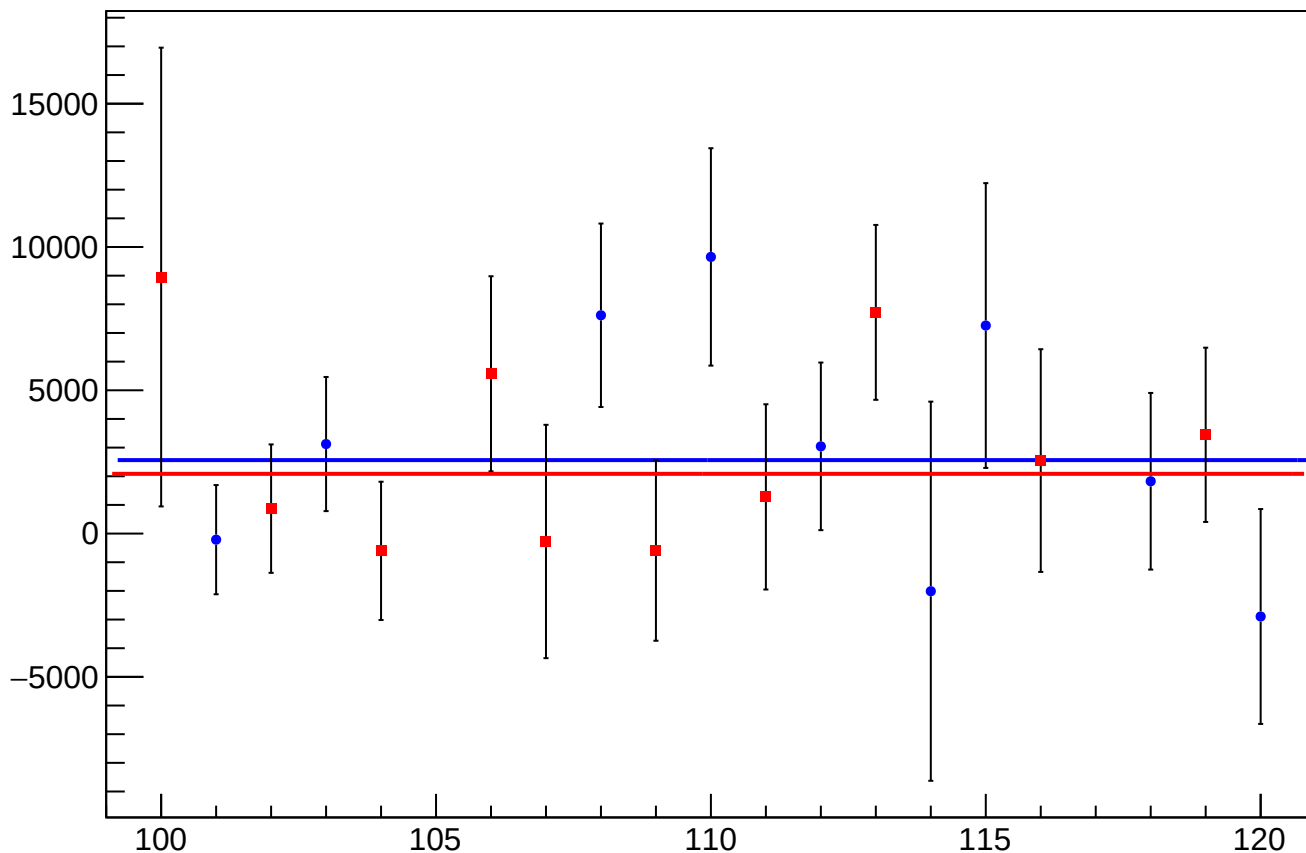
Right: 1601.459+/-0.413 χ^2/NDF : 526799.4/18

In: 1537.030+/-0.580 χ^2/NDF : 312116.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1601.459+/-0.413 χ^2/NDF : 526799.4/18

asym_usr_mean vs Slug, Sign Corrected



Right In: 2563.436+/-1009.152 χ^2/NDF : 11.7/8

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

Right Out: 2084.831+/-994.394 χ^2/NDF : 8.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

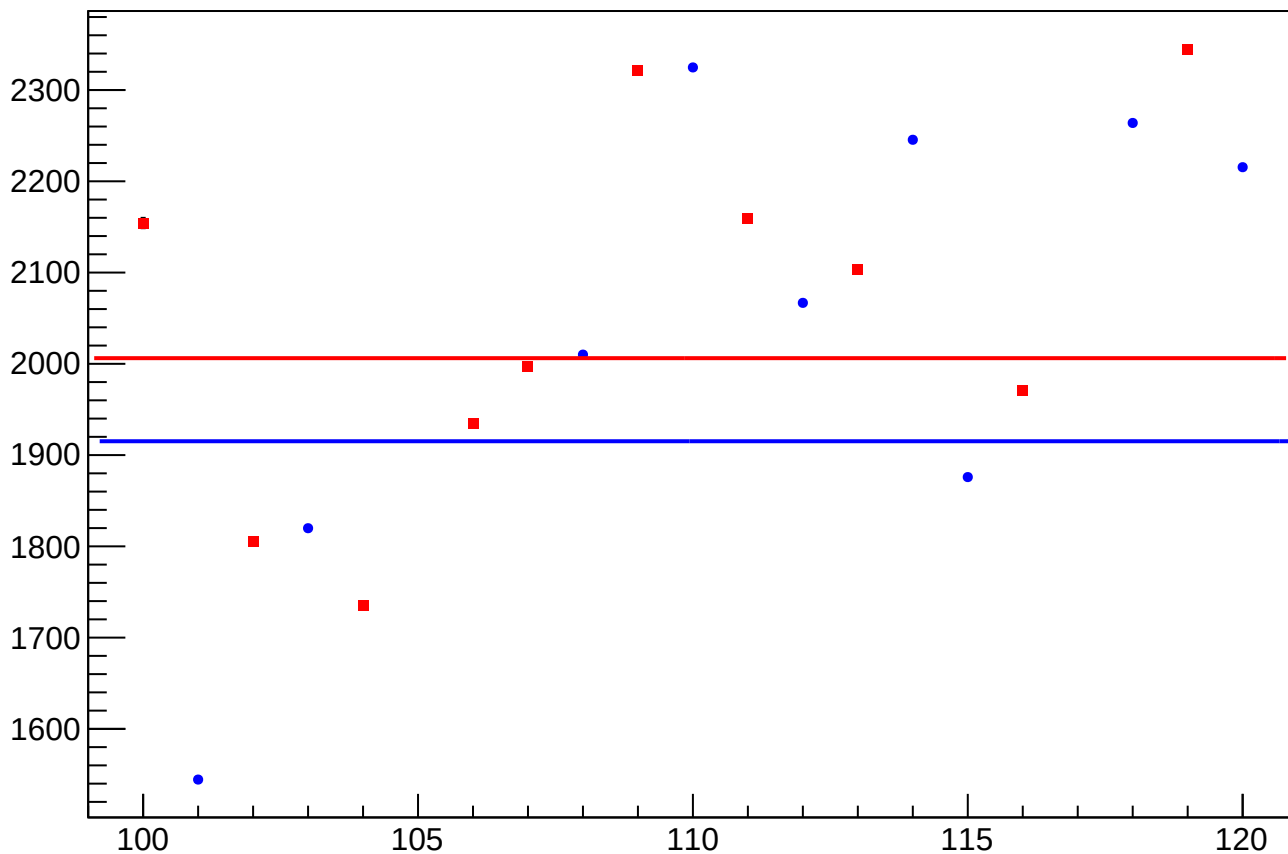
Right: 2320.608+/-708.303 χ^2/NDF : 19.9/18

In: 2563.436+/-1009.152 χ^2/NDF : 11.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2320.608+/-708.303 χ^2/NDF : 19.9/18

asym_usr_rms vs Slug, Sign Corrected



Right In: 1915.177+/-0.714 χ^2/NDF : 153048.9/8

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

Right Out: 2006.204+/-0.703 χ^2/NDF : 94326.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

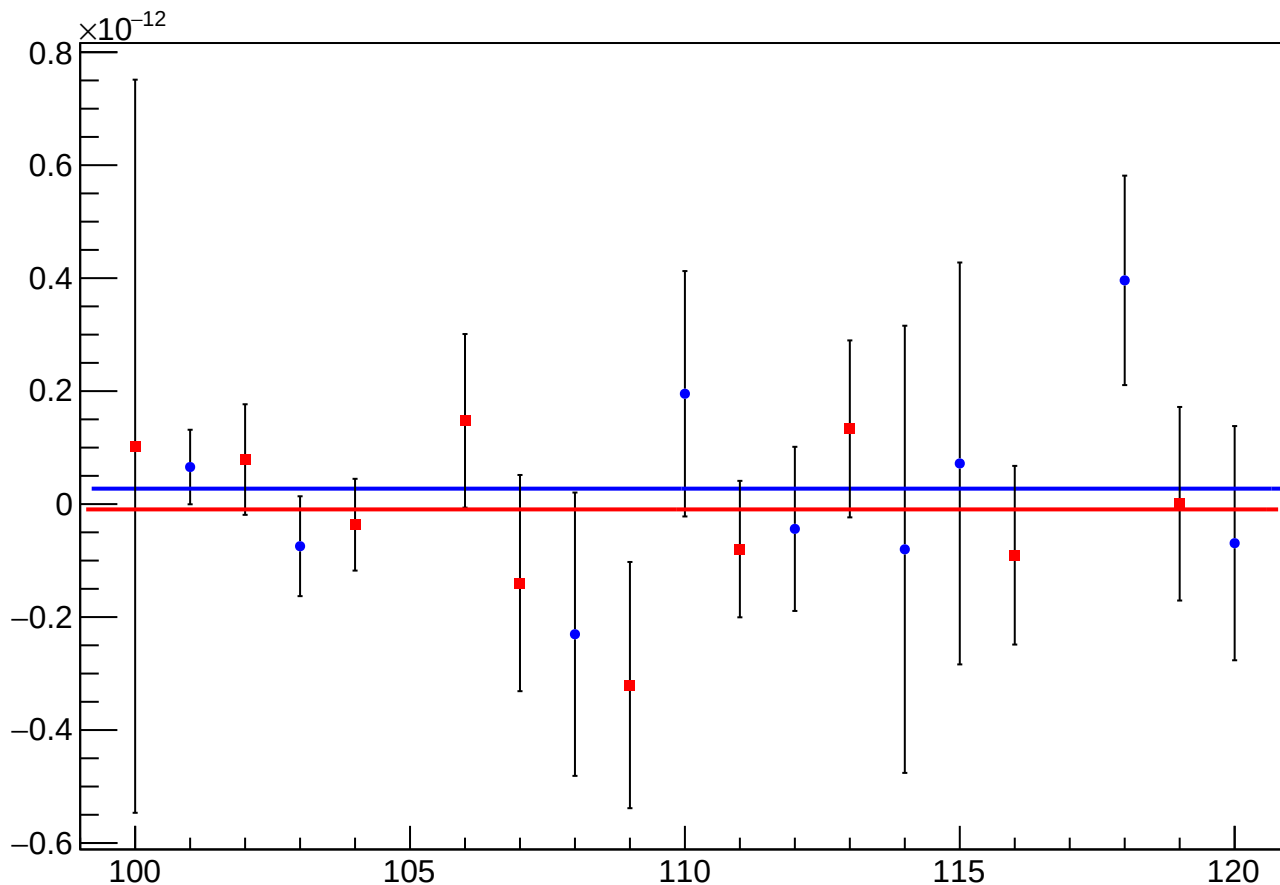
Right: 1961.361+/-0.501 χ^2/NDF : 255632.0/18

In: 1915.177+/-0.714 χ^2/NDF : 153048.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1961.361+/-0.501 χ^2/NDF : 255632.0/18

asym_usr_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.8/8

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

Right Out: -0.000+/-0.000 χ^2/NDF : 5.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

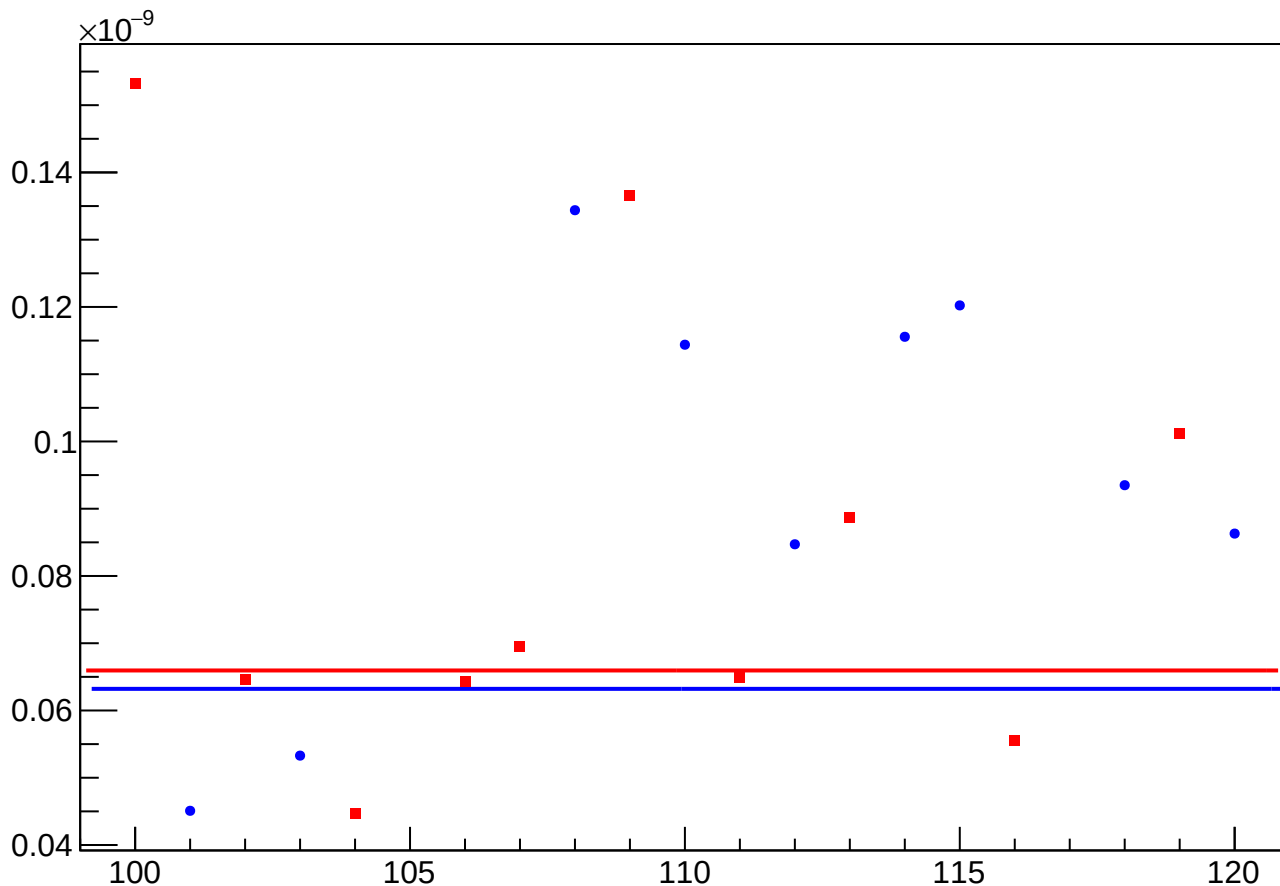
Right: 0.000+/-0.000 χ^2/NDF : 14.1/18

In: 0.000+/-0.000 χ^2/NDF : 7.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.1/18

asym_usr_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 656642.4/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 519442.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

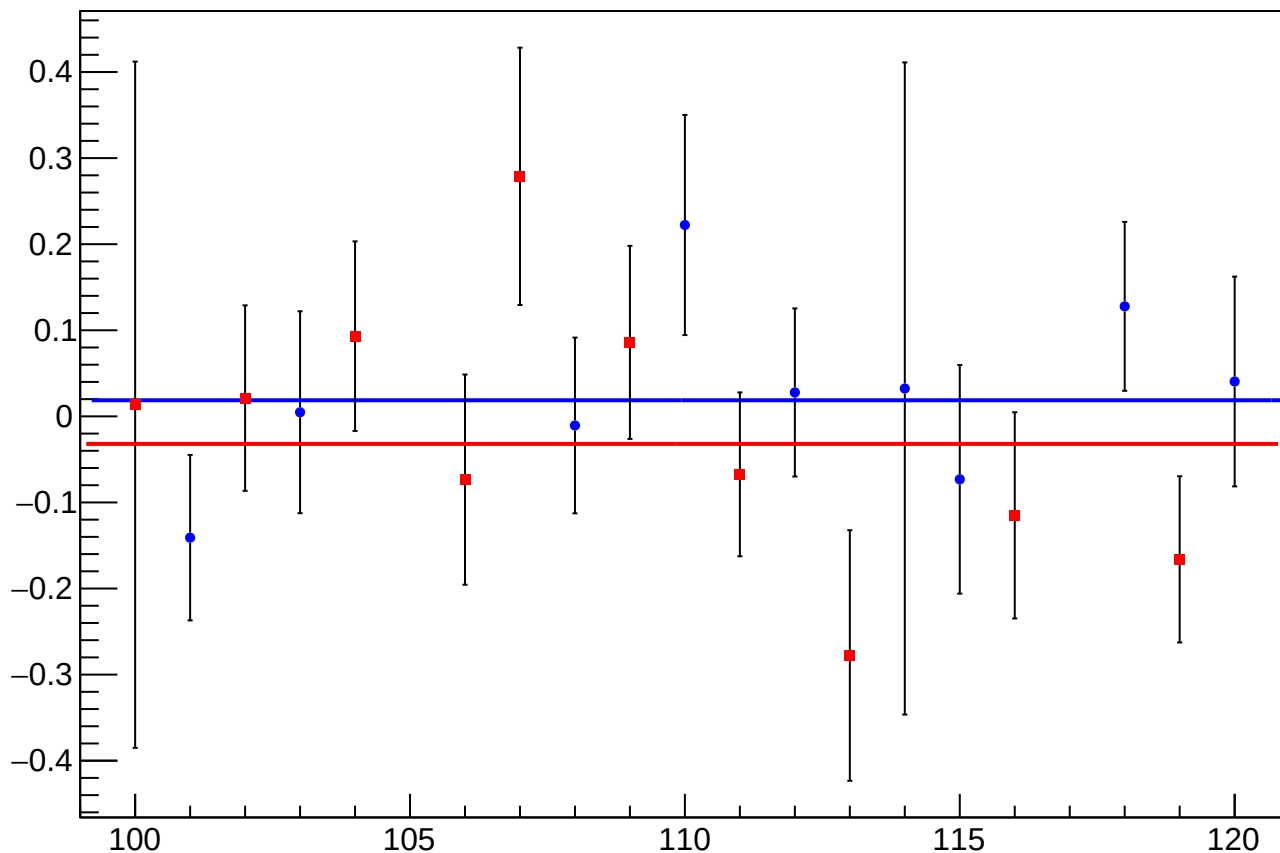
Right: 0.000+/-0.000 χ^2/NDF : 1179975.4/18

In: 0.000+/-0.000 χ^2/NDF : 656642.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1179975.4/18

asym_usr_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.038 χ^2/NDF : 7.1/8

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

Right Out: -0.032+/-0.038 χ^2/NDF : 12.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

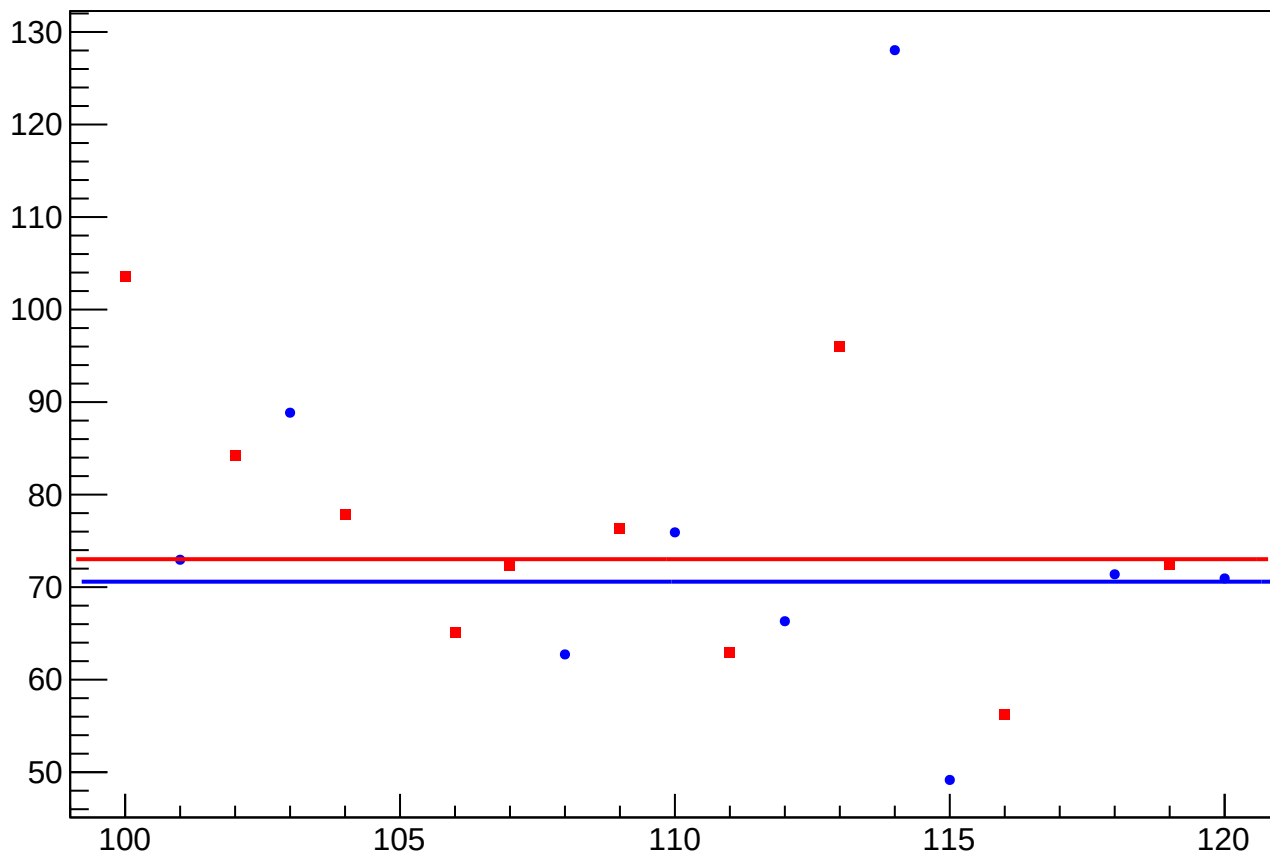
Right: -0.007+/-0.027 χ^2/NDF : 20.5/18

In: 0.019+/-0.038 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.027 χ^2/NDF : 20.5/18

asym_usr_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.590+/-0.027 χ^2/NDF : 167066.5/8

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

Right Out: 73.022+/-0.027 χ^2/NDF : 159255.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

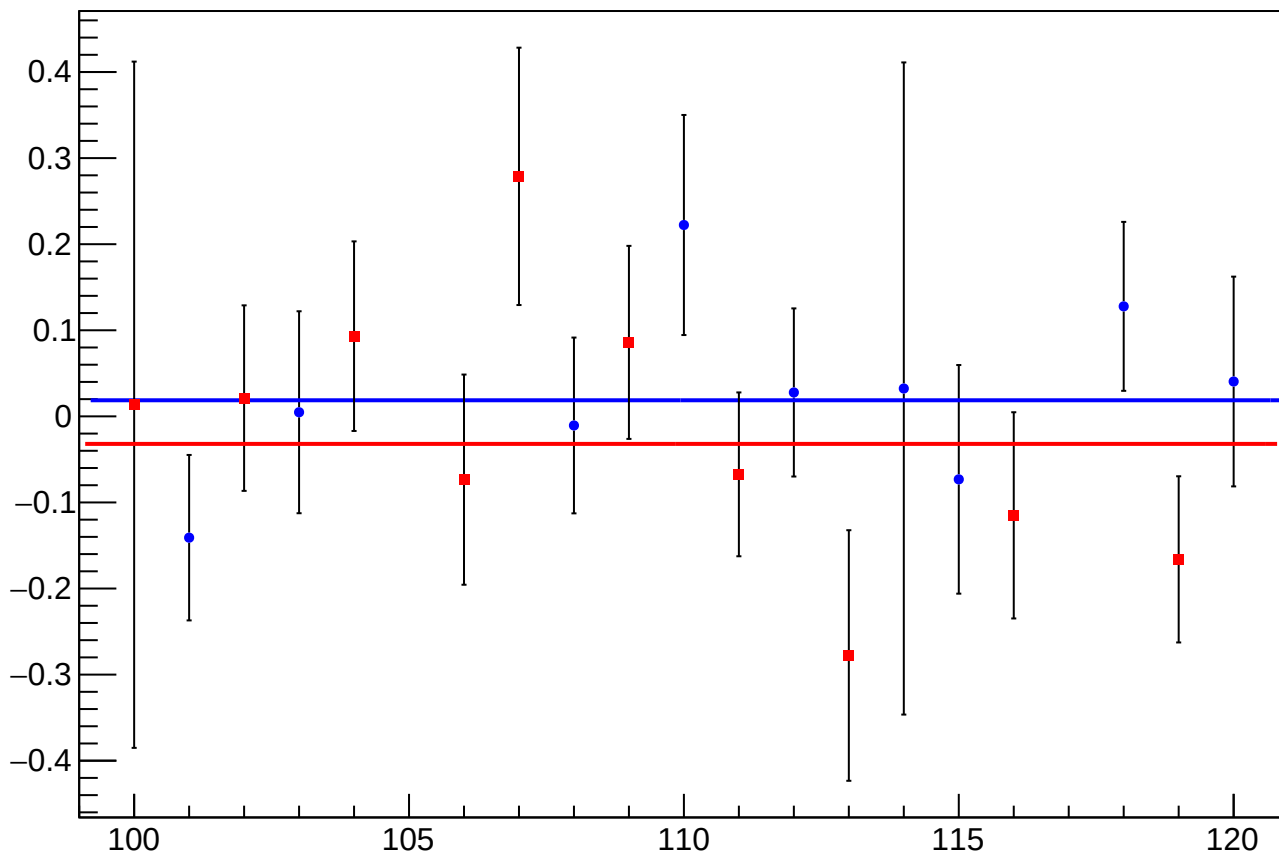
Right: 71.826+/-0.019 χ^2/NDF : 330396.6/18

In: 70.590+/-0.027 χ^2/NDF : 167066.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.826+/-0.019 χ^2/NDF : 330396.6/18

asym_usr_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.038 χ^2/NDF : 7.1/8

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

Right Out: -0.032+/-0.038 χ^2/NDF : 12.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

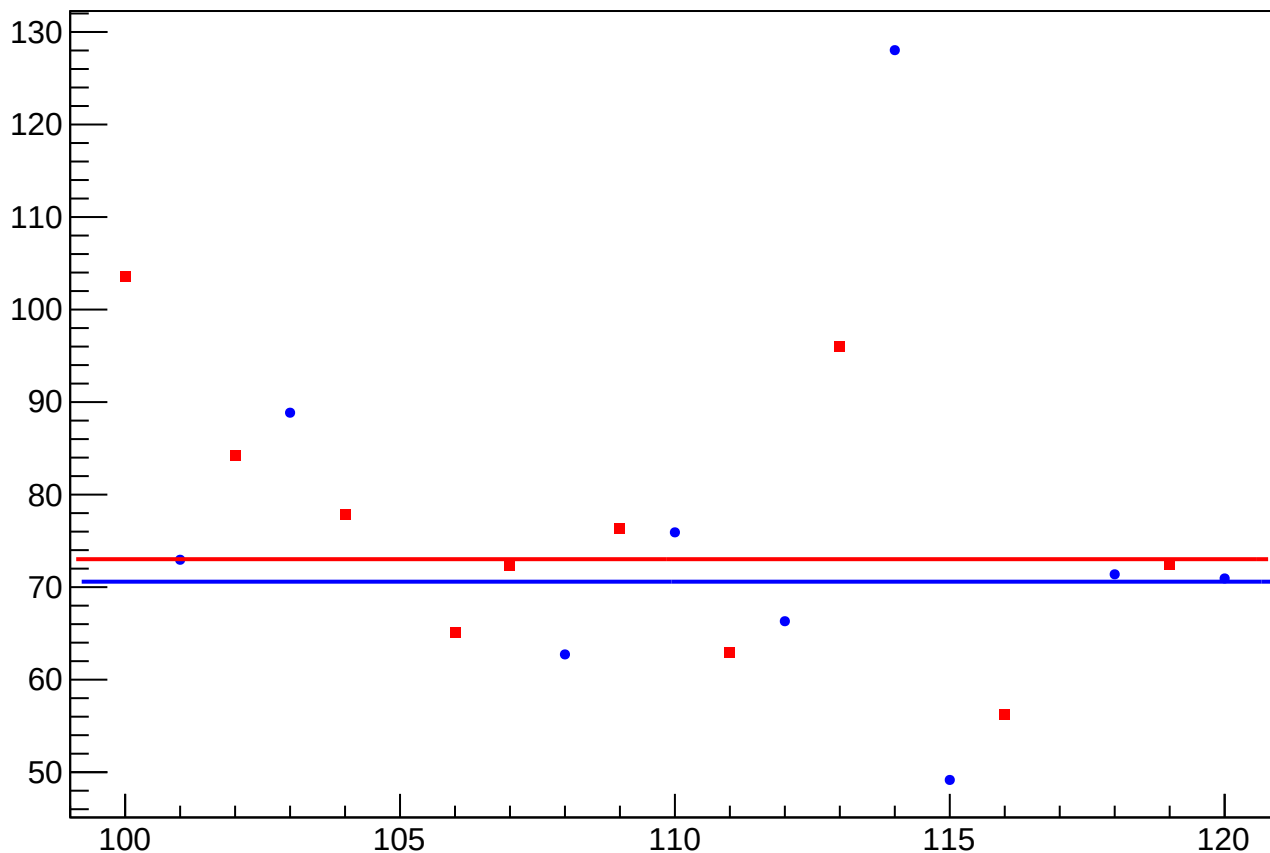
Right: -0.007+/-0.027 χ^2/NDF : 20.5/18

In: 0.019+/-0.038 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.027 χ^2/NDF : 20.5/18

asym_usr_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.590+/-0.027 χ^2/NDF : 167066.5/8

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

Right Out: 73.022+/-0.027 χ^2/NDF : 159255.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

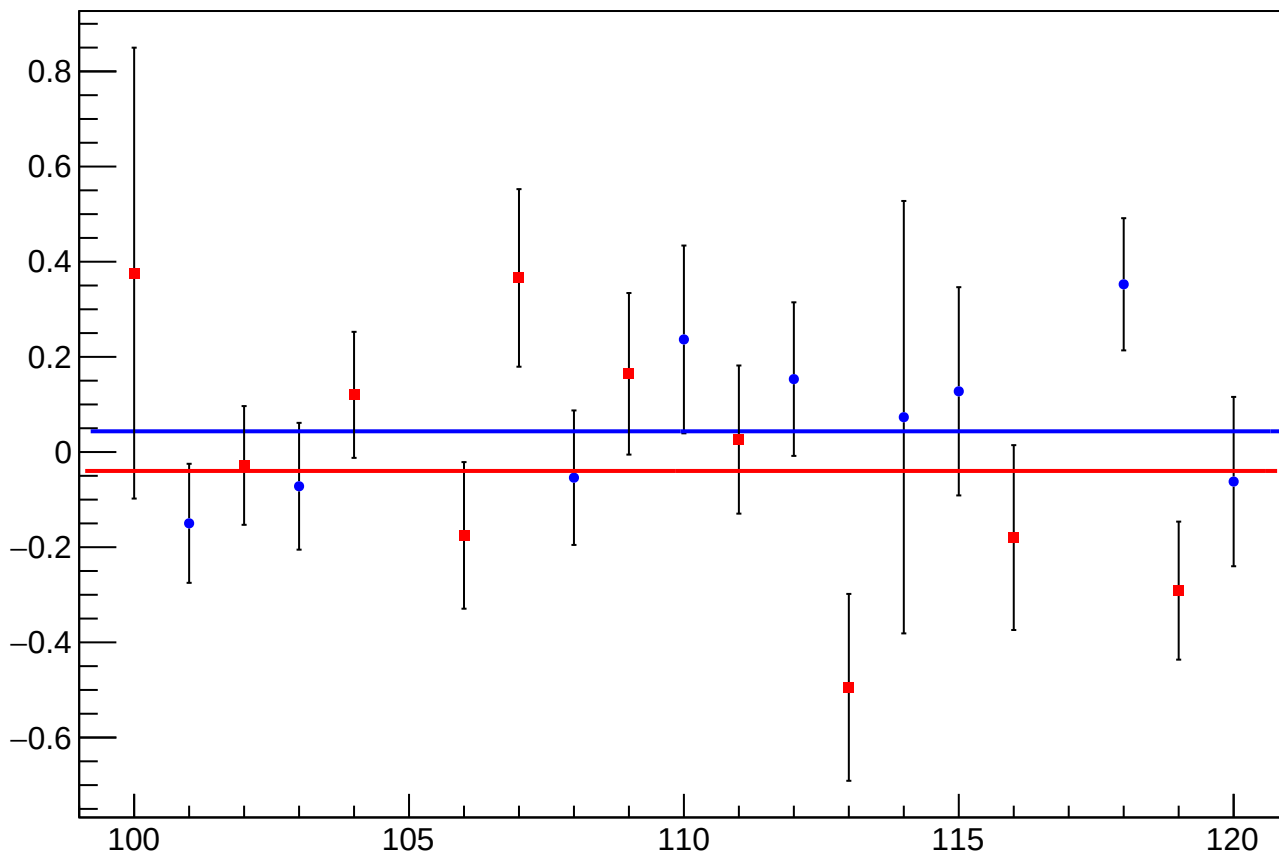
Right: 71.826+/-0.019 χ^2/NDF : 330396.6/18

In: 70.590+/-0.027 χ^2/NDF : 167066.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.826+/-0.019 χ^2/NDF : 330396.6/18

asym_usr_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.044+/-0.054 χ^2/NDF : 10.5/8

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

Right Out: -0.040+/-0.052 χ^2/NDF : 18.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

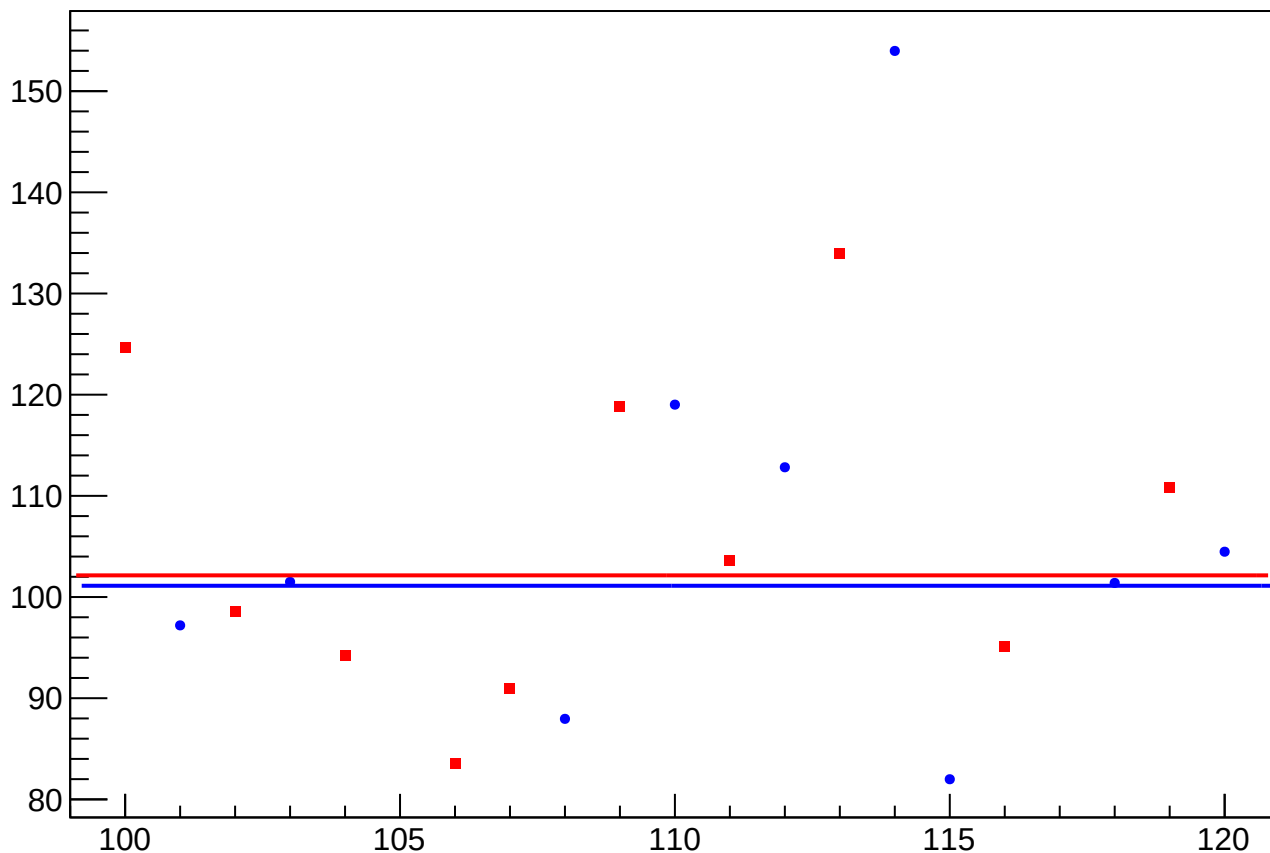
Right: 0.000+/-0.037 χ^2/NDF : 30.0/18

In: 0.044+/-0.054 χ^2/NDF : 10.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.037 χ^2/NDF : 30.0/18

asym_usr_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 101.113+/-0.038 χ^2/NDF : 89352.2/8

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

Right Out: 102.141+/-0.037 χ^2/NDF : 131701.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

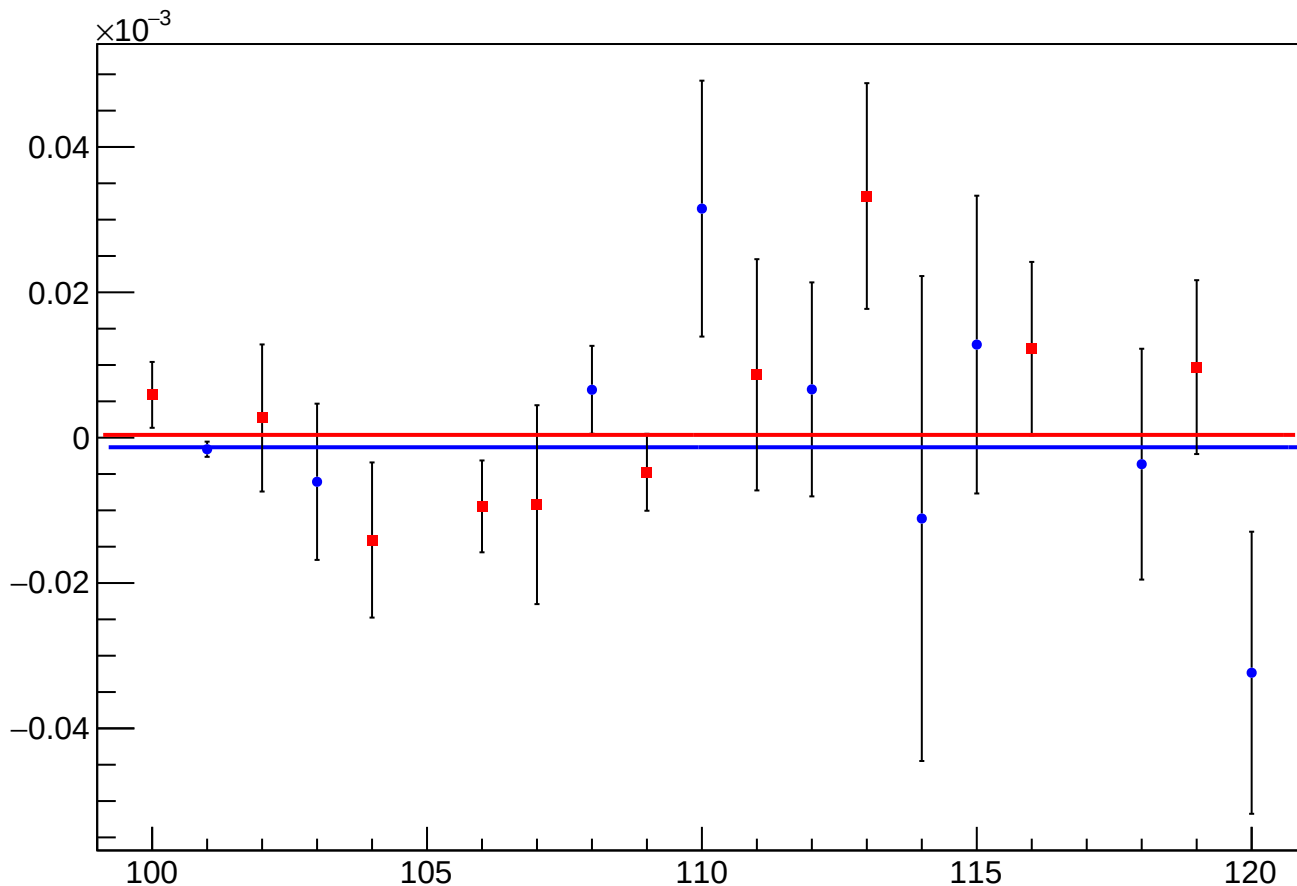
Right: 101.648+/-0.026 χ^2/NDF : 221431.0/18

In: 101.113+/-0.038 χ^2/NDF : 89352.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.648+/-0.026 χ^2/NDF : 221431.0/18

asym_usr_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.9/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 13.6/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

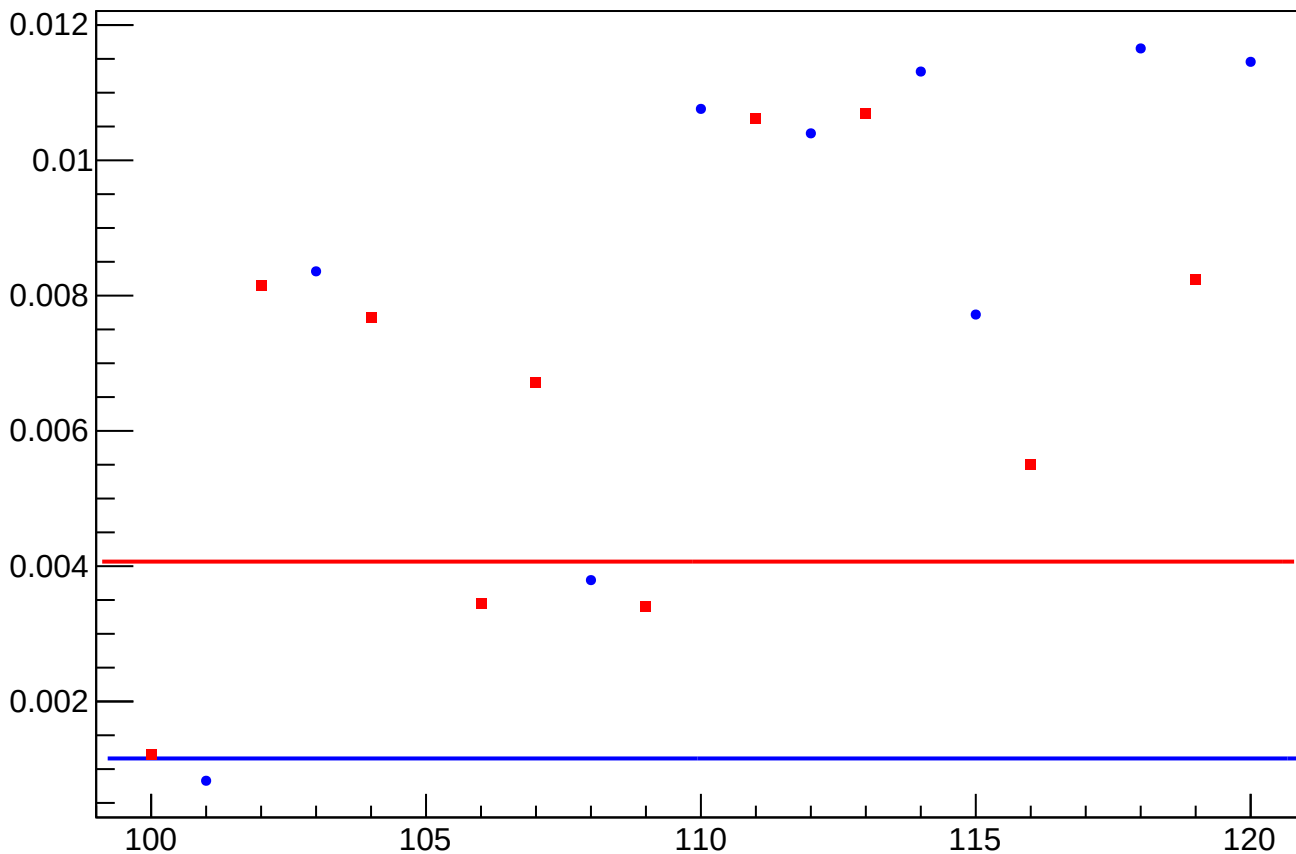
Right: -0.000+/-0.000 χ^2/NDF : 22.8/18

In: -0.000+/-0.000 χ^2/NDF : 8.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.8/18

asym_usr_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 4687853.0/8

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

Right Out: 0.004+/-0.000 χ^2/NDF : 2443723.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

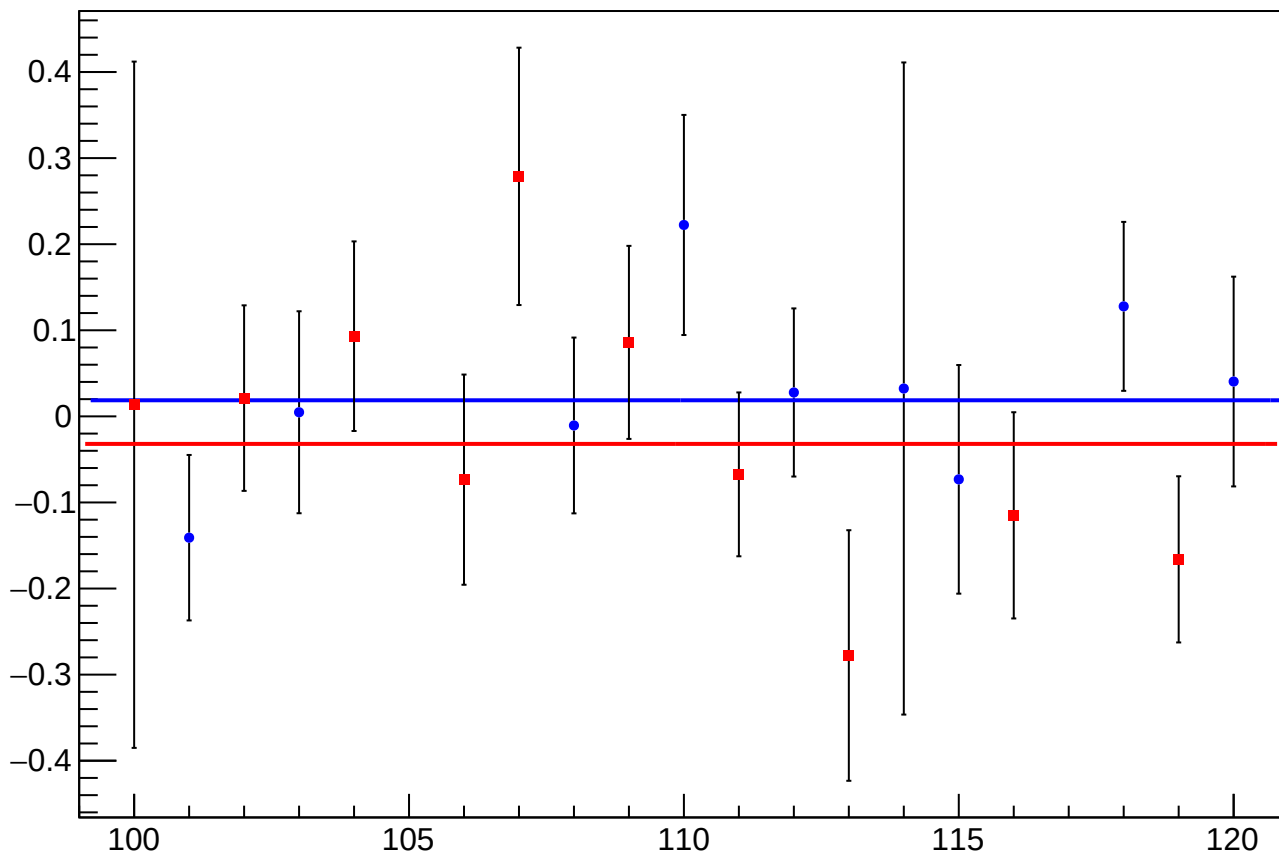
Right: 0.002+/-0.000 χ^2/NDF : 9400630.0/18

In: 0.001+/-0.000 χ^2/NDF :4687853.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 9400630.0/18

asym_usr_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.038 χ^2/NDF : 7.1/8

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

Right Out: -0.032+/-0.038 χ^2/NDF : 12.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

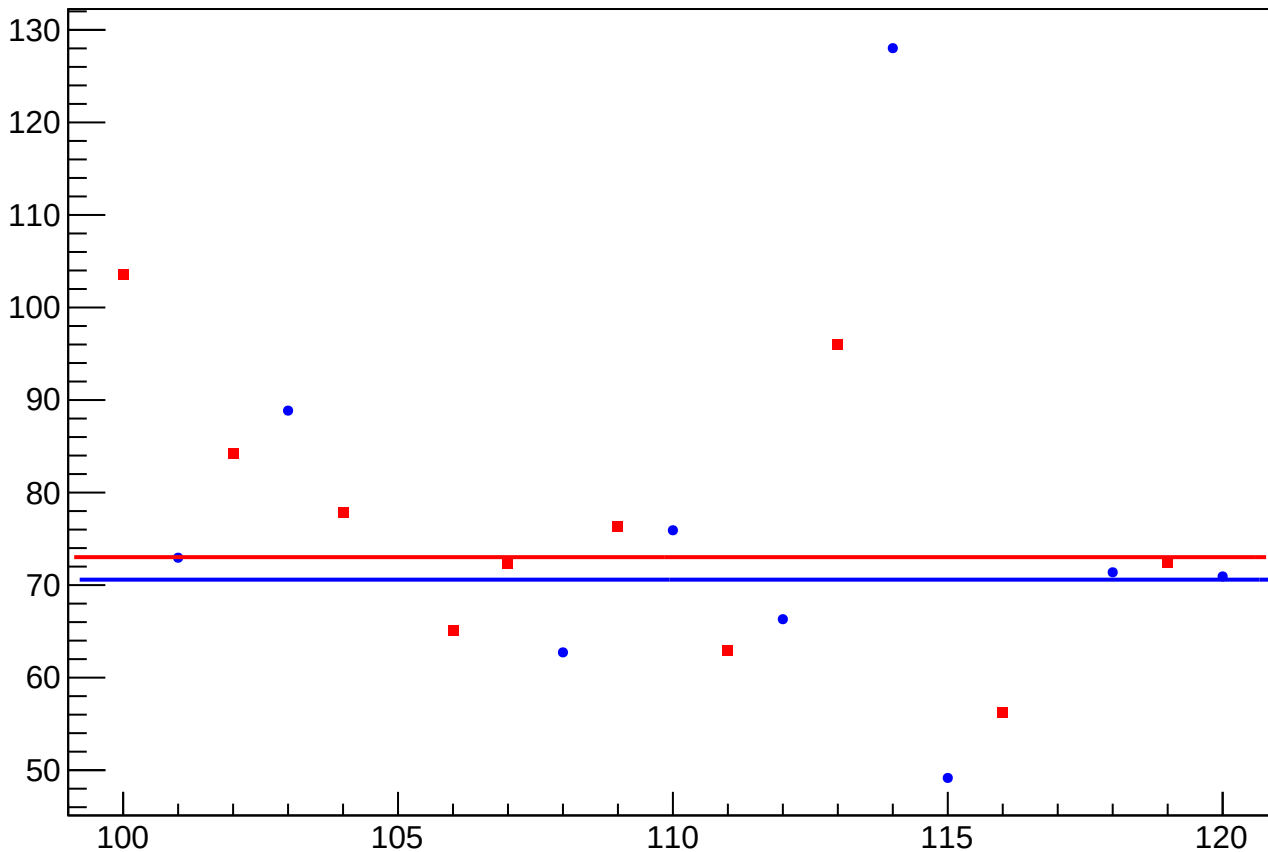
Right: -0.007+/-0.027 χ^2/NDF : 20.5/18

In: 0.019+/-0.038 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.027 χ^2/NDF : 20.5/18

asym_usr_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.589+/-0.027 χ^2/NDF : 167088.4/8

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

Right Out: 73.021+/-0.027 χ^2/NDF : 159252.4/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

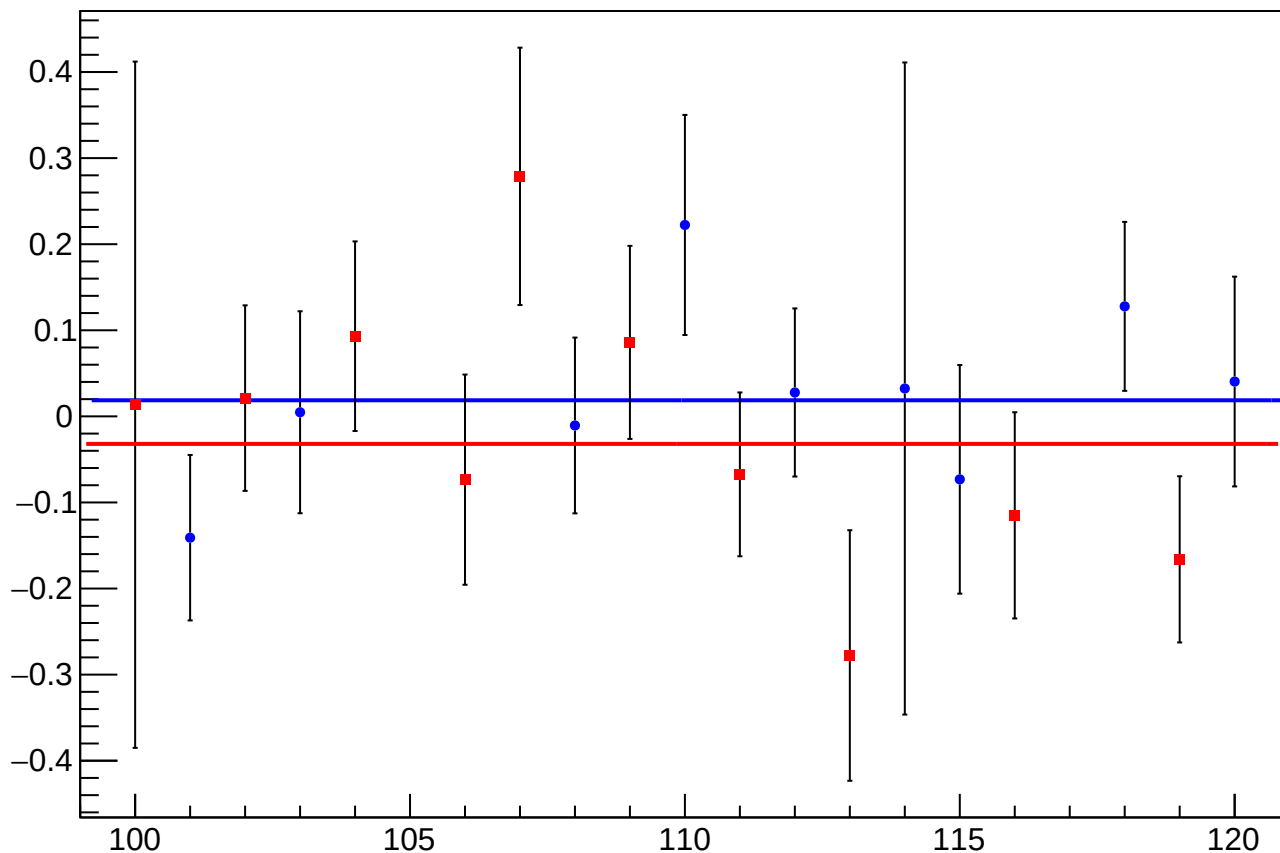
Right: 71.826+/-0.019 χ^2/NDF : 330416.7/18

In: 70.589+/-0.027 χ^2/NDF : 167088.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.826+/-0.019 χ^2/NDF : 330416.7/18

asym_usr_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019 $\pm$ 0.038 χ^2 /NDF: 7.1/8

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

Right Out: -0.032 $\pm$ 0.038 χ^2 /NDF: 12.5/9

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

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

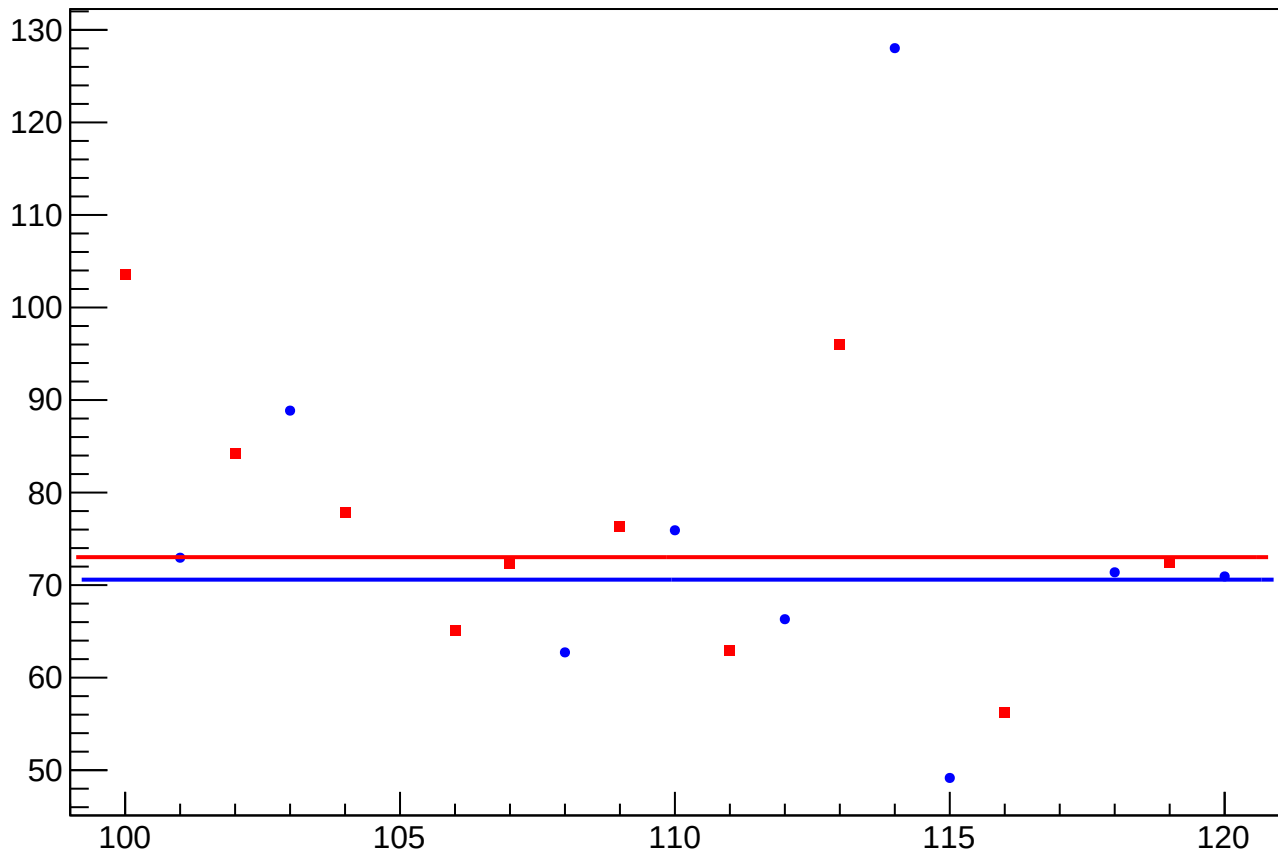
Right: -0.007 $\pm$ 0.027 χ^2 /NDF: 20.5/18

In: 0.019 $\pm$ 0.038 χ^2 /NDF:7.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.027 χ^2 /NDF: 20.5/18

asym_usr_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.589+/-0.027 χ^2/NDF : 167088.4/8

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

Right Out: 73.021+/-0.027 χ^2/NDF : 159252.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

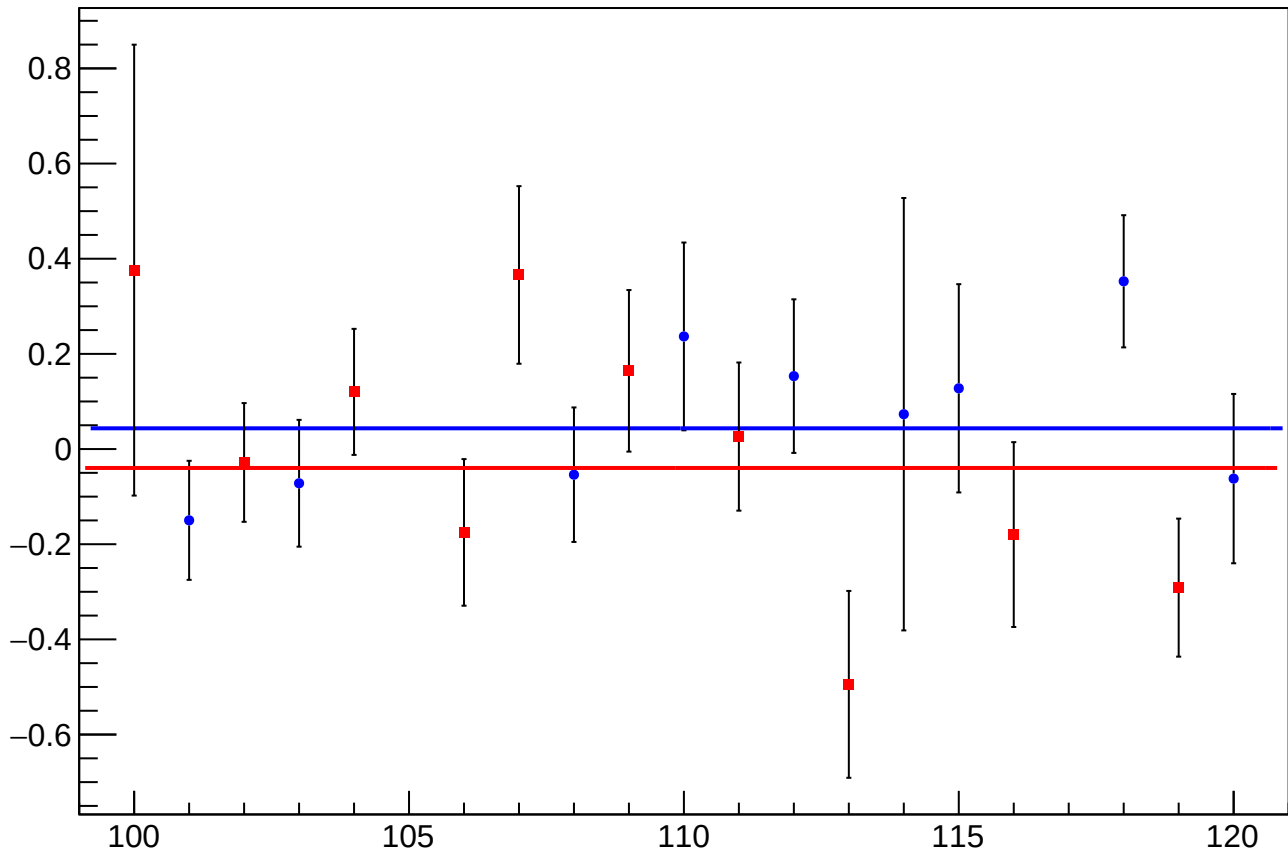
Right: 71.826+/-0.019 χ^2/NDF : 330416.7/18

In: 70.589+/-0.027 χ^2/NDF :167088.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 71.826+/-0.019 χ^2/NDF : 330416.7/18

asym_usr_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.044+/-0.054 χ^2/NDF : 10.5/8

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

Right Out: -0.040+/-0.052 χ^2/NDF : 18.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

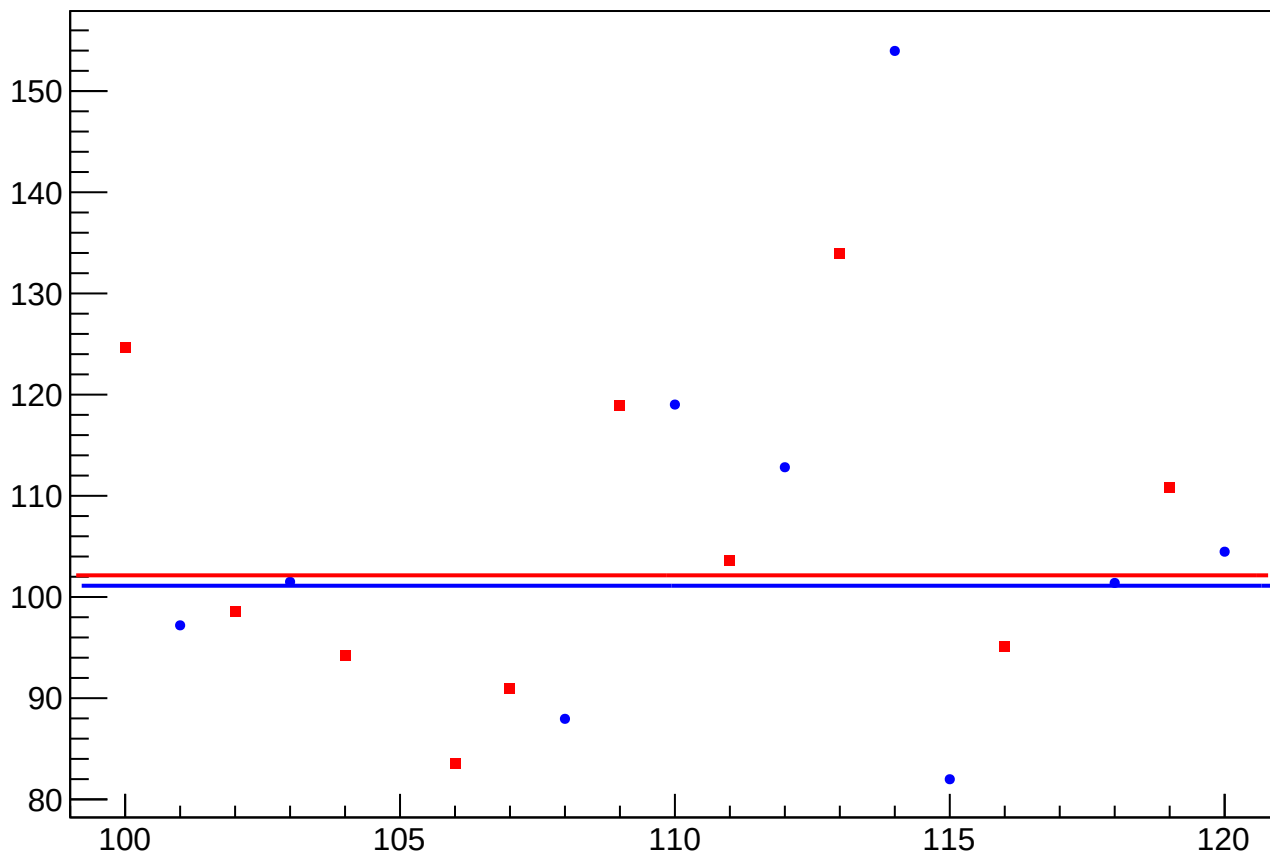
Right: 0.000+/-0.037 χ^2/NDF : 30.0/18

In: 0.044+/-0.054 χ^2/NDF : 10.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.037 χ^2/NDF : 30.0/18

asym_usr_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 101.113+/-0.038 χ^2/NDF : 89349.8/8

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

Right Out: 102.141+/-0.037 χ^2/NDF : 131683.4/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

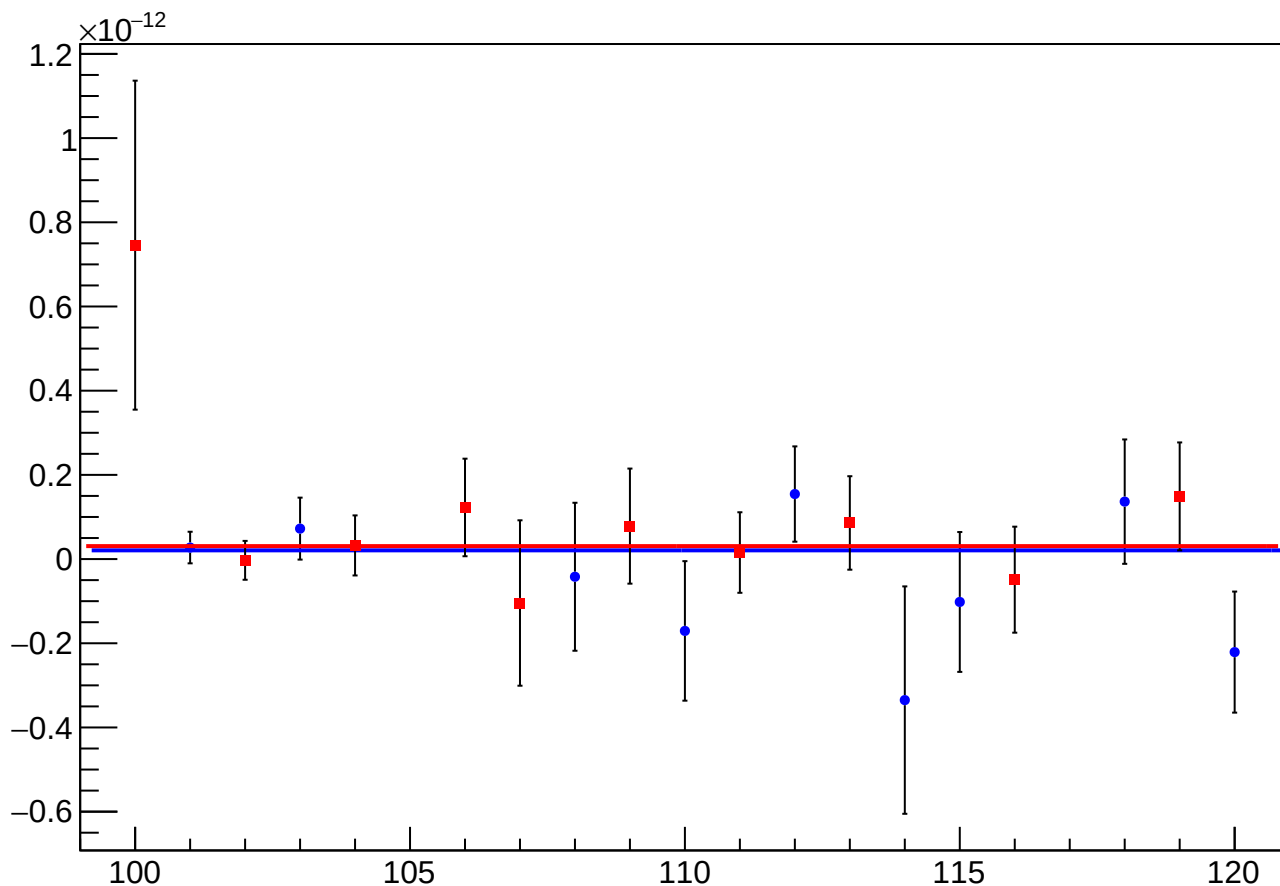
Right: 101.648+/-0.026 χ^2/NDF : 221410.9/18

In: 101.113+/-0.038 χ^2/NDF : 89349.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.648+/-0.026 χ^2/NDF : 221410.9/18

asym_usr_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.1/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 6.6/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

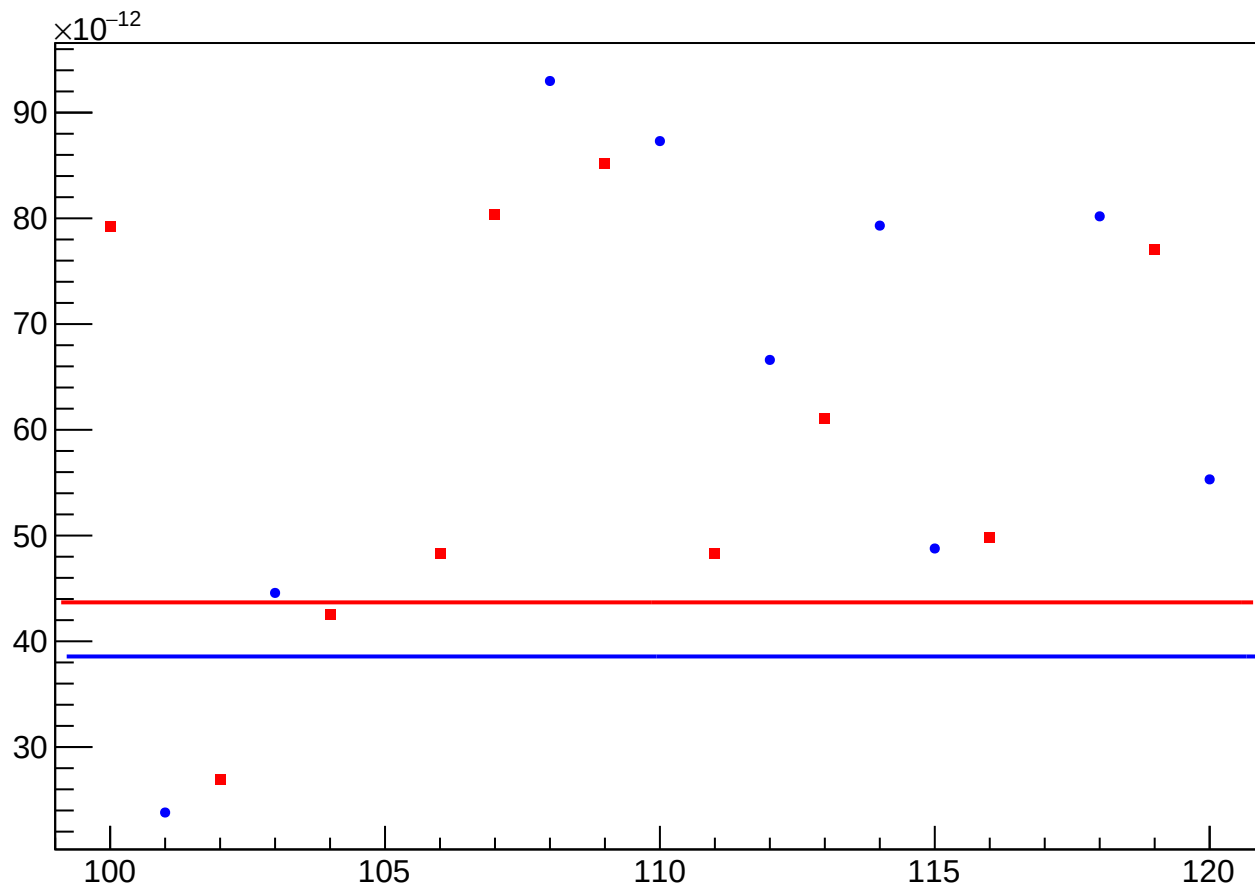
Right: 0.000+/-0.000 χ^2/NDF : 15.8/18

In: 0.000+/-0.000 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.8/18

asym_usr_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1049246.7/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 731188.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

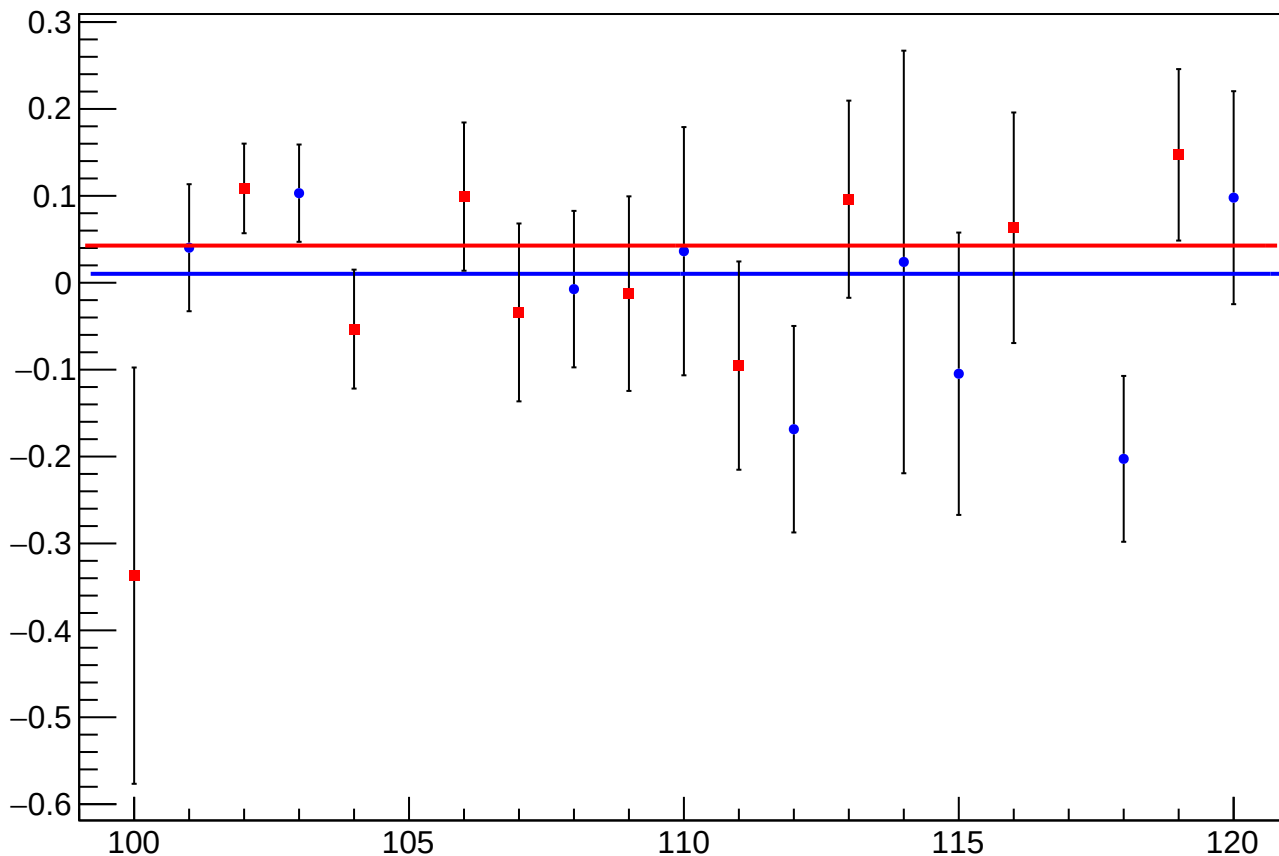
Right: 0.000+/-0.000 χ^2/NDF : 1810862.5/18

In: 0.000+/-0.000 χ^2/NDF : 1049246.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1810862.5/18

asym_usr_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010+/-0.032 χ^2/NDF : 11.2/8

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

Right Out: 0.043+/-0.029 χ^2/NDF : 10.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

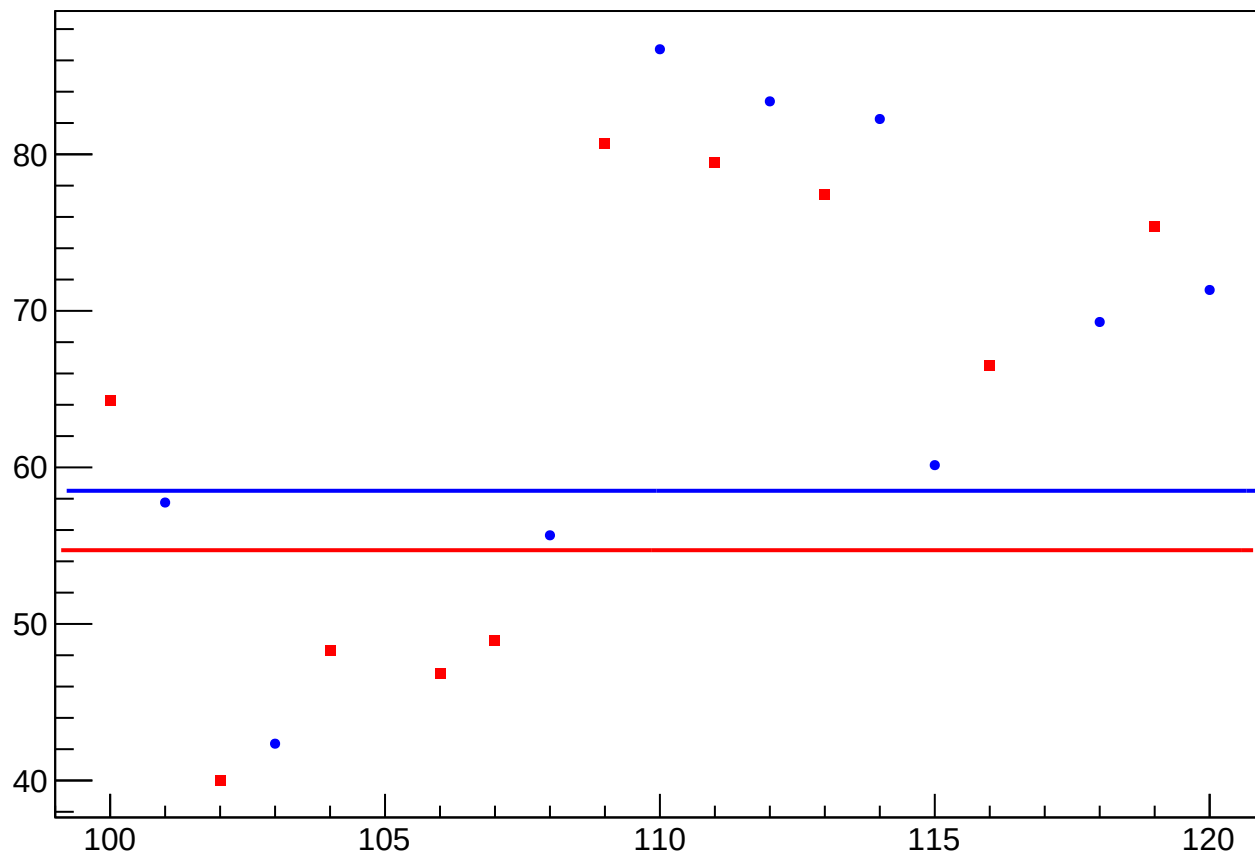
Right: 0.028+/-0.021 χ^2/NDF : 21.9/18

In: 0.010+/-0.032 χ^2/NDF : 11.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.021 χ^2/NDF : 21.9/18

asym_usr_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.507+/-0.023 χ^2/NDF : 401208.2/8

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

Right Out: 54.711+/-0.020 χ^2/NDF : 583679.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

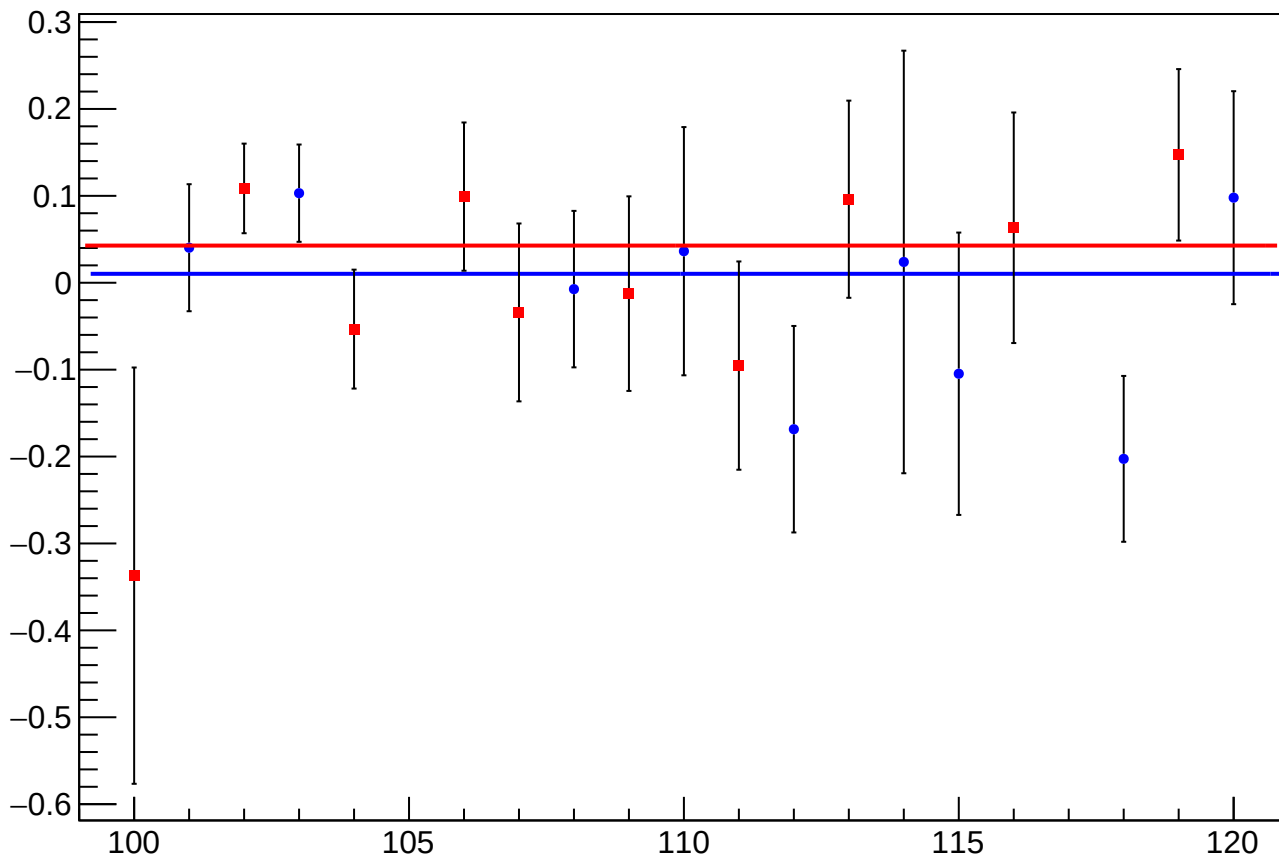
Right: 56.397+/-0.015 χ^2/NDF : 1000593.4/18

In: 58.507+/-0.023 χ^2/NDF : 401208.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.397+/-0.015 χ^2/NDF : 1000593.4/18

asym_usr_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010+/-0.032 χ^2/NDF : 11.2/8

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

Right Out: 0.043+/-0.029 χ^2/NDF : 10.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

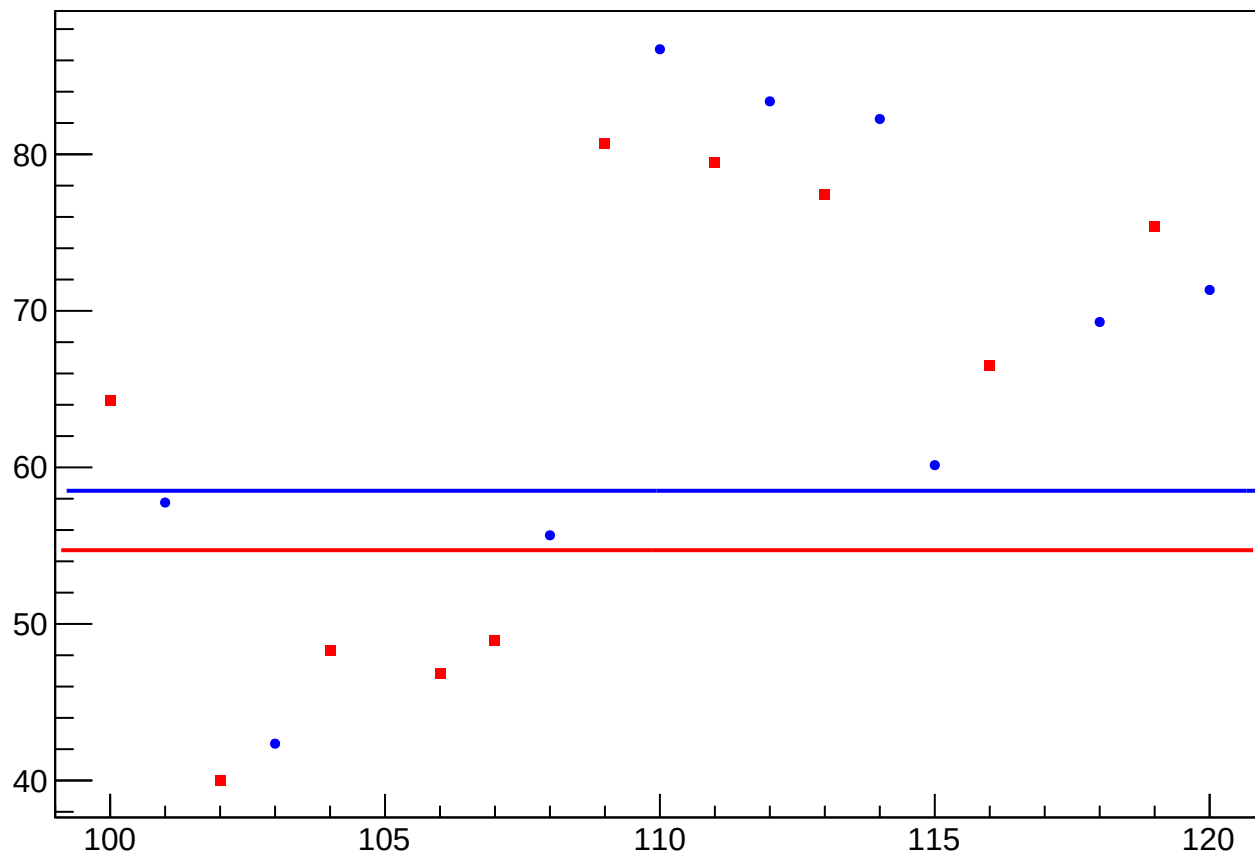
Right: 0.028+/-0.021 χ^2/NDF : 21.9/18

In: 0.010+/-0.032 χ^2/NDF : 11.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.021 χ^2/NDF : 21.9/18

asym_usr_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.507+/-0.023 χ^2/NDF : 401208.2/8

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

Right Out: 54.711+/-0.020 χ^2/NDF : 583679.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

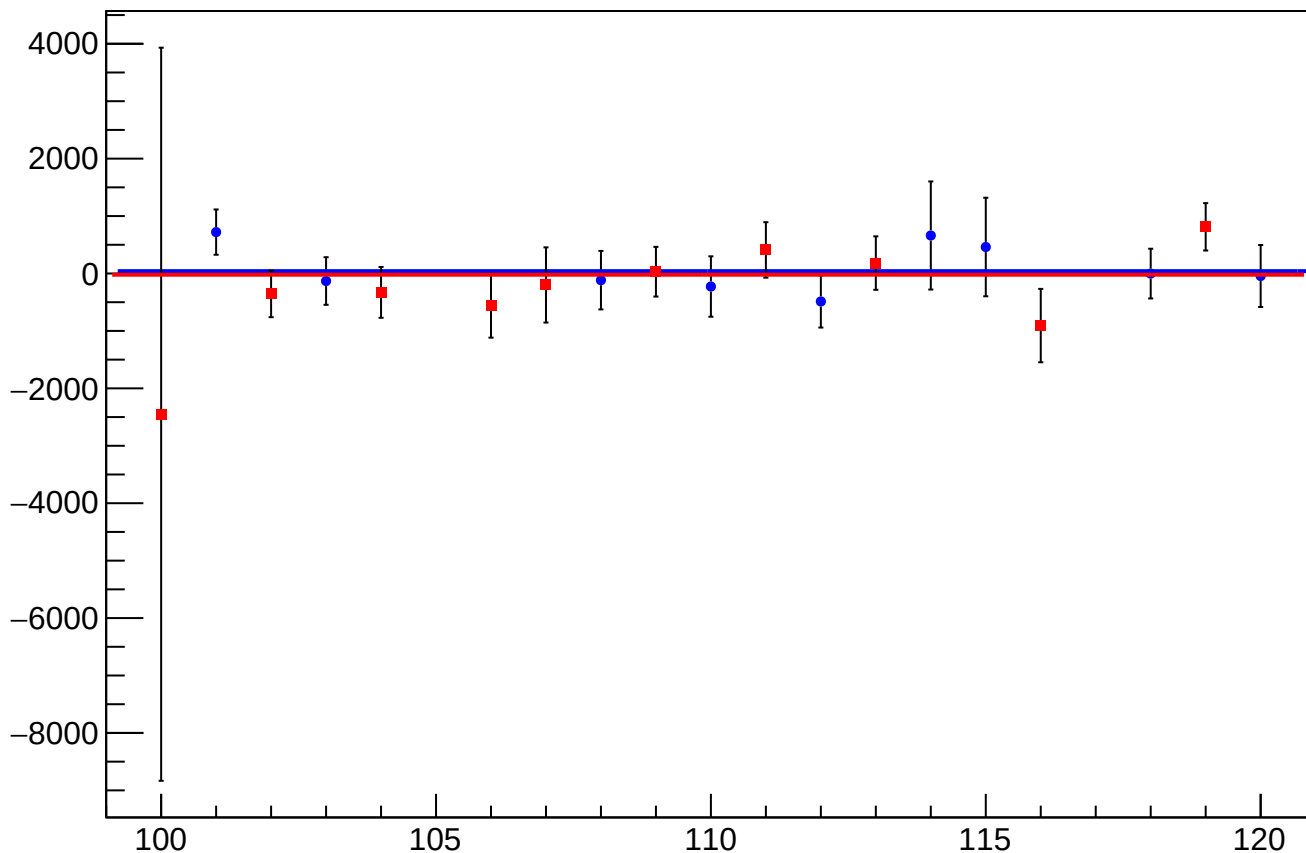
Right: 56.397+/-0.015 χ^2/NDF : 1000593.4/18

In: 58.507+/-0.023 χ^2/NDF : 401208.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.397+/-0.015 χ^2/NDF : 1000593.4/18

asym_dsl_mean vs Slug, Sign Corrected



Right In: 40.608+/-167.070 χ^2/NDF : 5.6/8

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

Right Out: -21.265+/-159.461 χ^2/NDF : 9.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

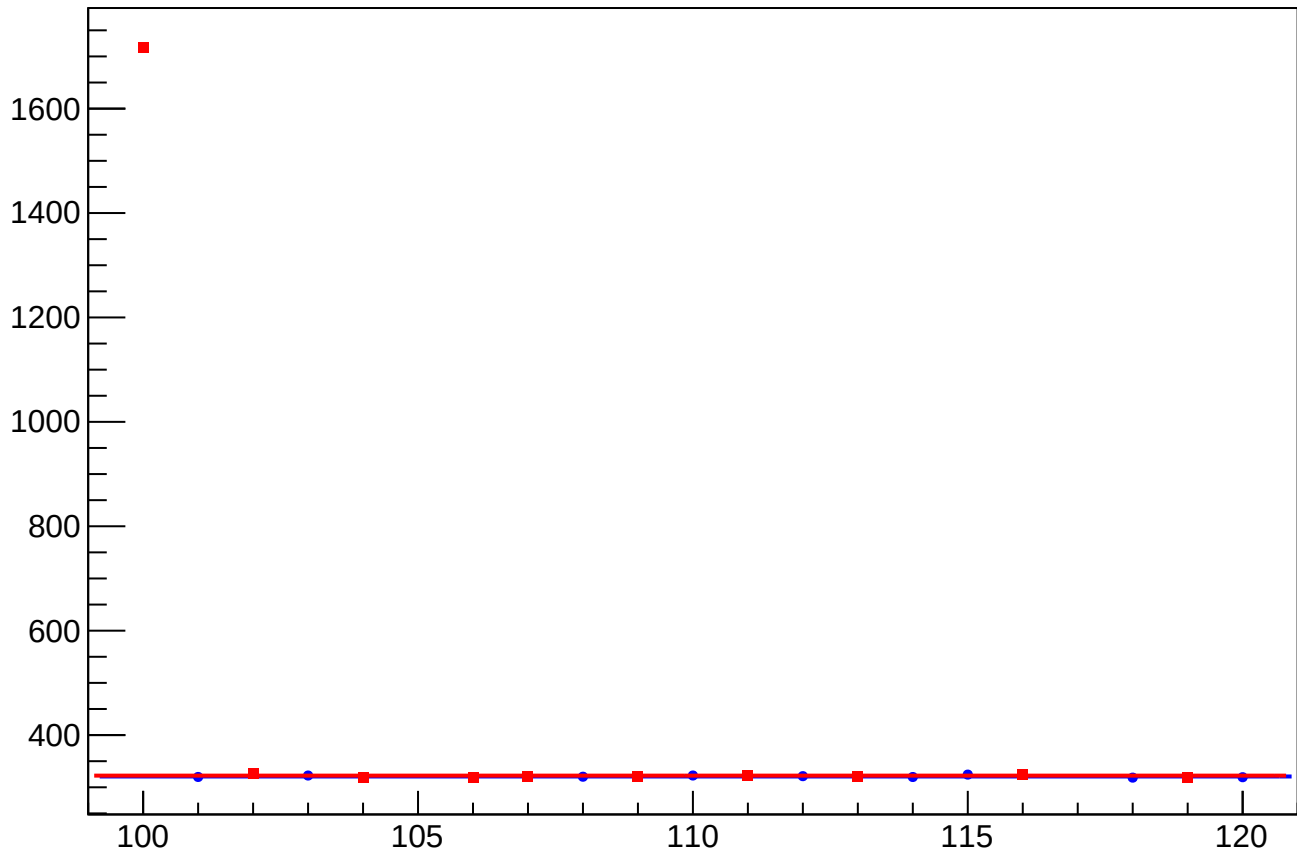
Right: 8.230+/-115.352 χ^2/NDF : 15.0/18

In: 40.608+/-167.070 χ^2/NDF : 5.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.230+/-115.352 χ^2/NDF : 15.0/18

asym_dsl_rms vs Slug, Sign Corrected



Right In: 320.706+/-0.118 χ^2/NDF : 182.1/8

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

Right Out: 322.342+/-0.113 χ^2/NDF : 96405.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

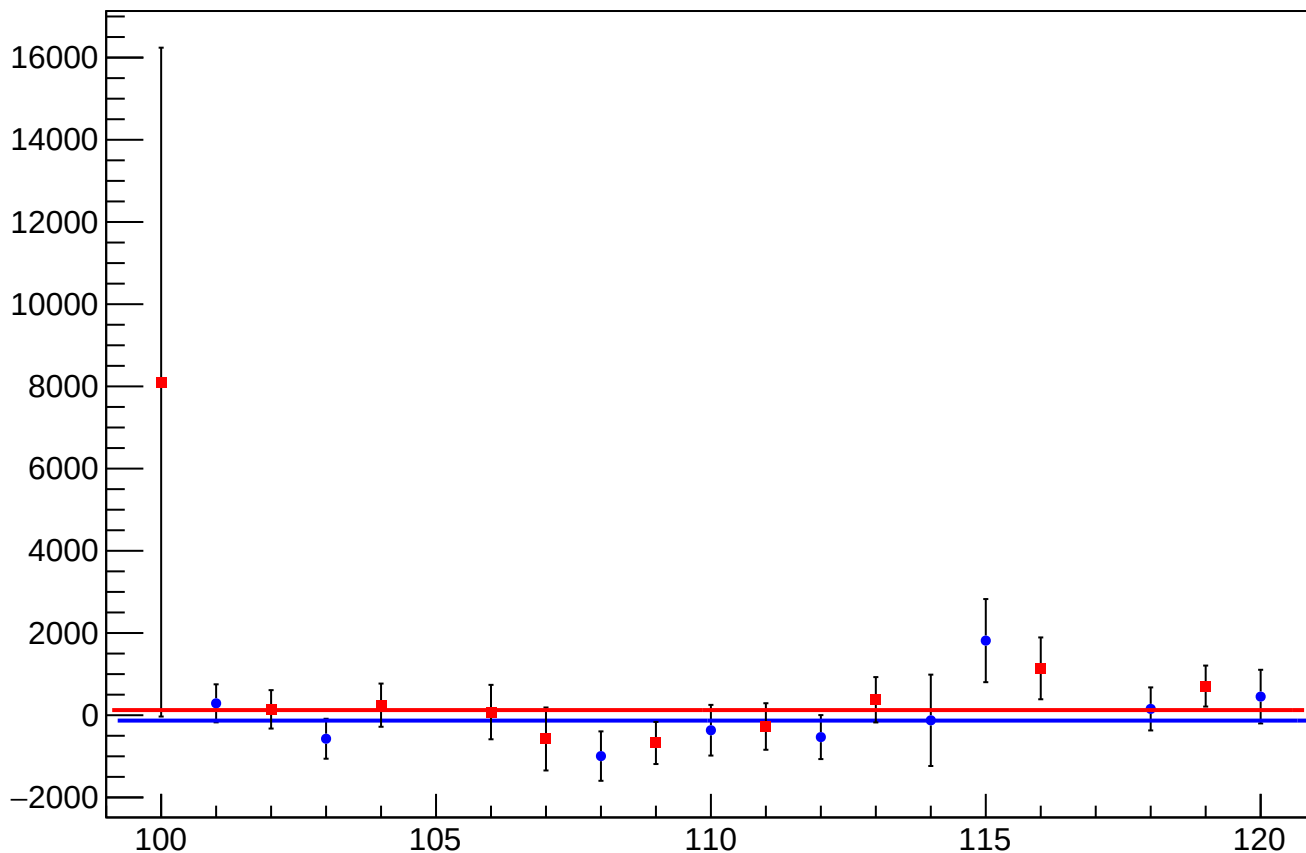
Right: 321.562+/-0.082 χ^2/NDF : 96687.6/18

In: 320.706+/-0.118 χ^2/NDF : 182.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 321.562+/-0.082 χ^2/NDF : 96687.6/18

asym_dsr_mean vs Slug, Sign Corrected



Right In: -130.770+/-197.729 χ^2/NDF : 9.2/8

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

Right Out: 124.999+/-188.294 χ^2/NDF : 8.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

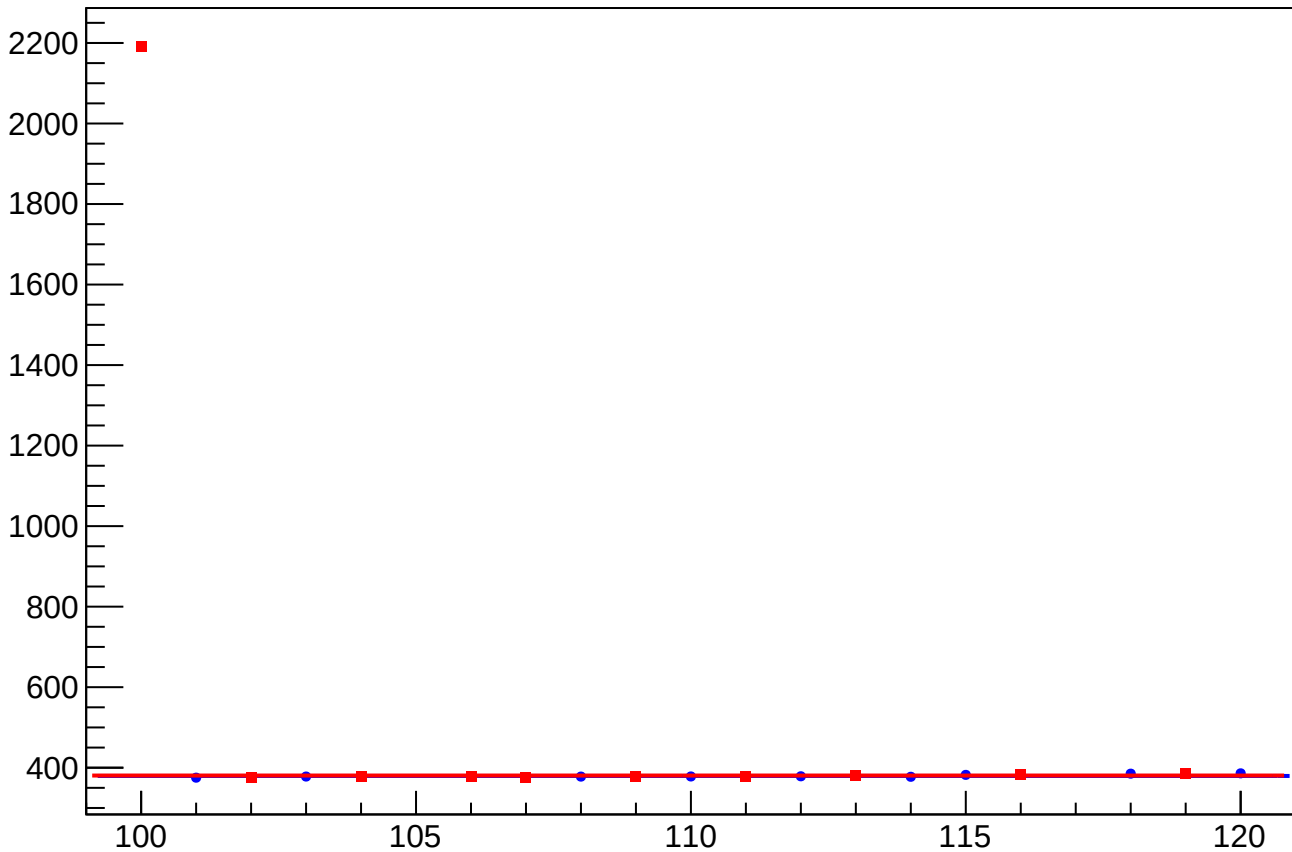
Right: 3.362+/-136.357 χ^2/NDF : 18.3/18

In: -130.770+/-197.729 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.362+/-136.357 χ^2/NDF : 18.3/18

asym_dsr_rms vs Slug, Sign Corrected



Right In: 379.521+/-0.140 χ^2/NDF : 667.2/8

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

Right Out: 380.543+/-0.133 χ^2/NDF : 99383.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

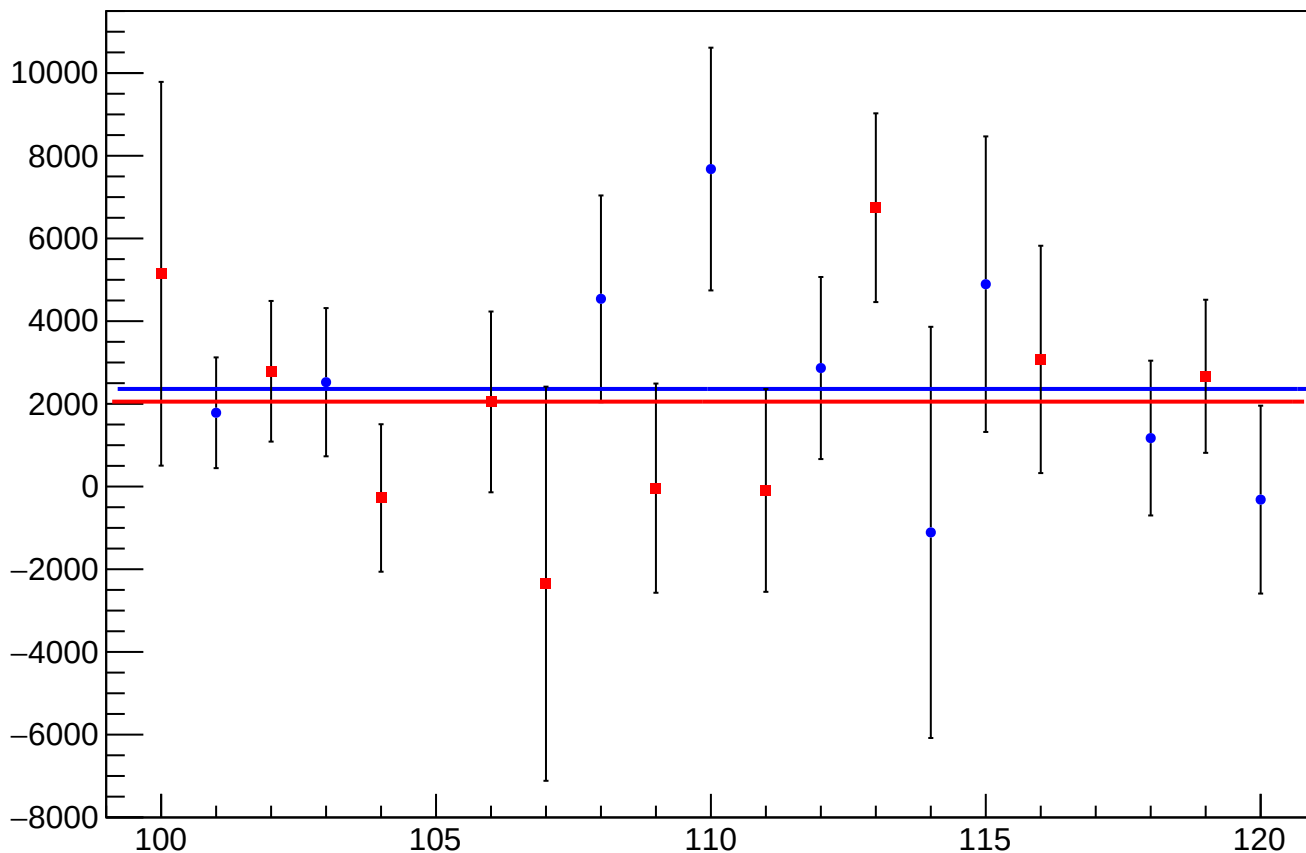
Right: 380.057+/-0.096 χ^2/NDF : 100079.1/18

In: 379.521+/-0.140 χ^2/NDF : 667.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 380.057+/-0.096 χ^2/NDF : 100079.1/18

asym_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 2360.510+/-716.308 χ^2/NDF : 7.1/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

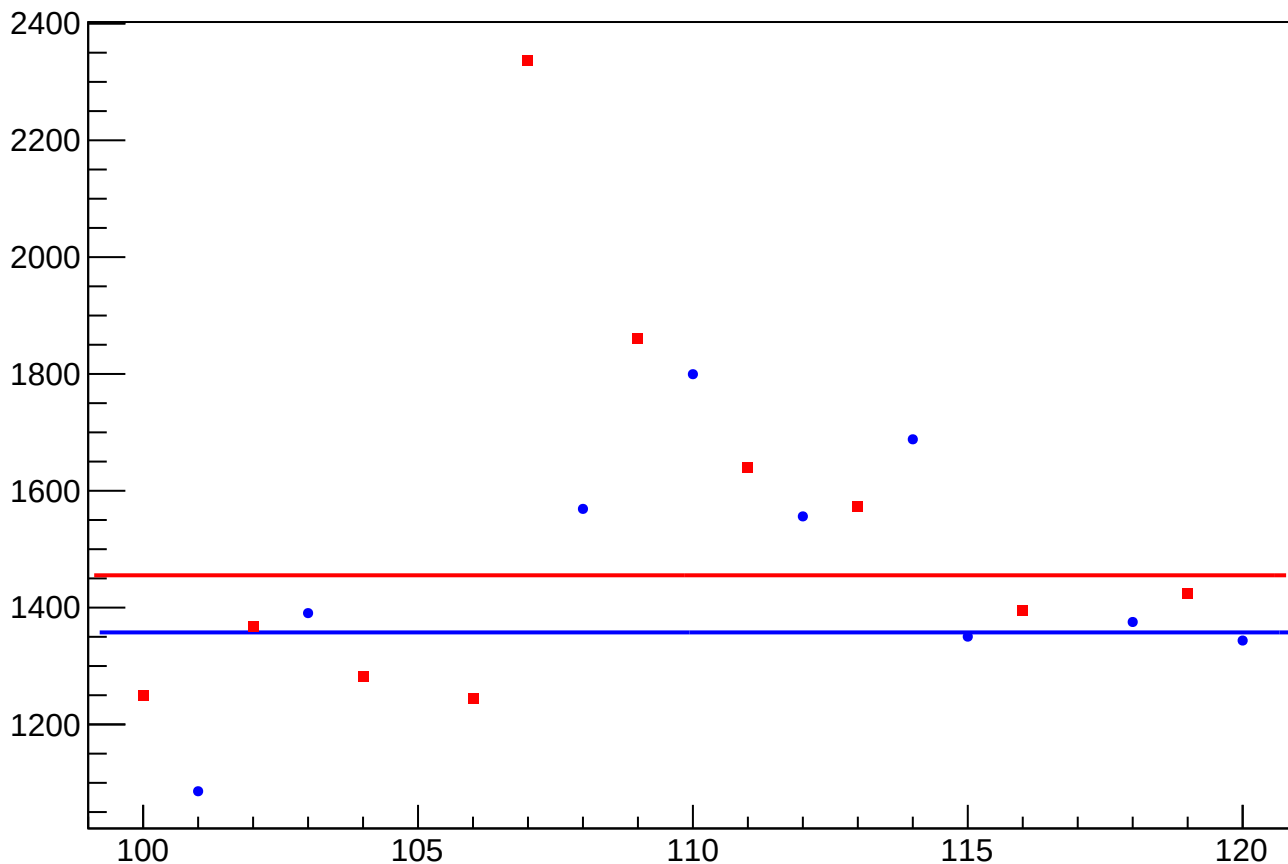
Right: 2209.009+/-509.836 χ^2/NDF : 16.3/18

In: 2360.510+/-716.308 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2209.009+/-509.836 χ^2/NDF : 16.3/18

asym_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 1357.540+/-0.507 χ^2/NDF : 168170.5/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

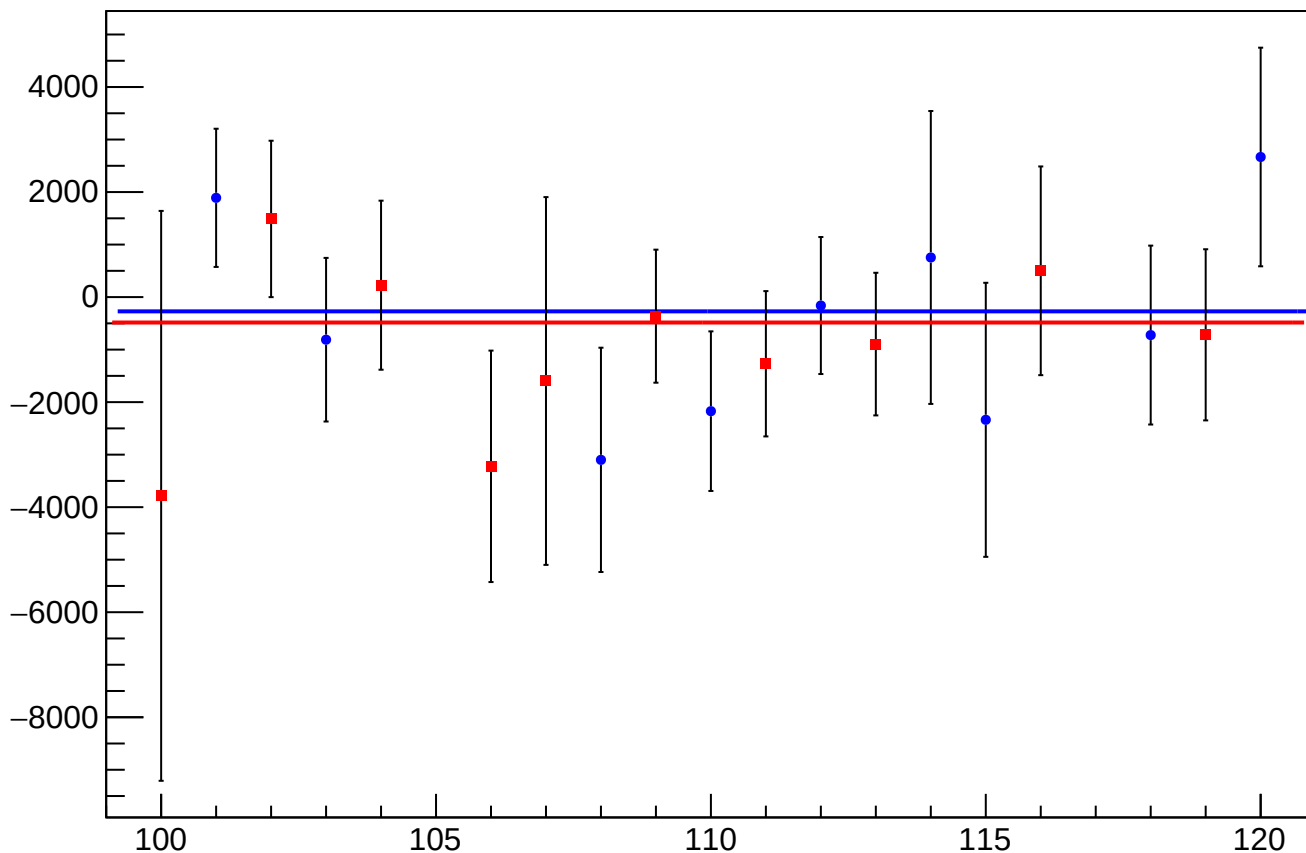
Right: 1405.784+/-0.361 χ^2/NDF : 371058.3/18

In: 1357.540+/-0.507 χ^2/NDF : 168170.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1405.784+/-0.361 χ^2/NDF : 371058.3/18

asym_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -271.672+/-569.709 χ^2/NDF : 9.0/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

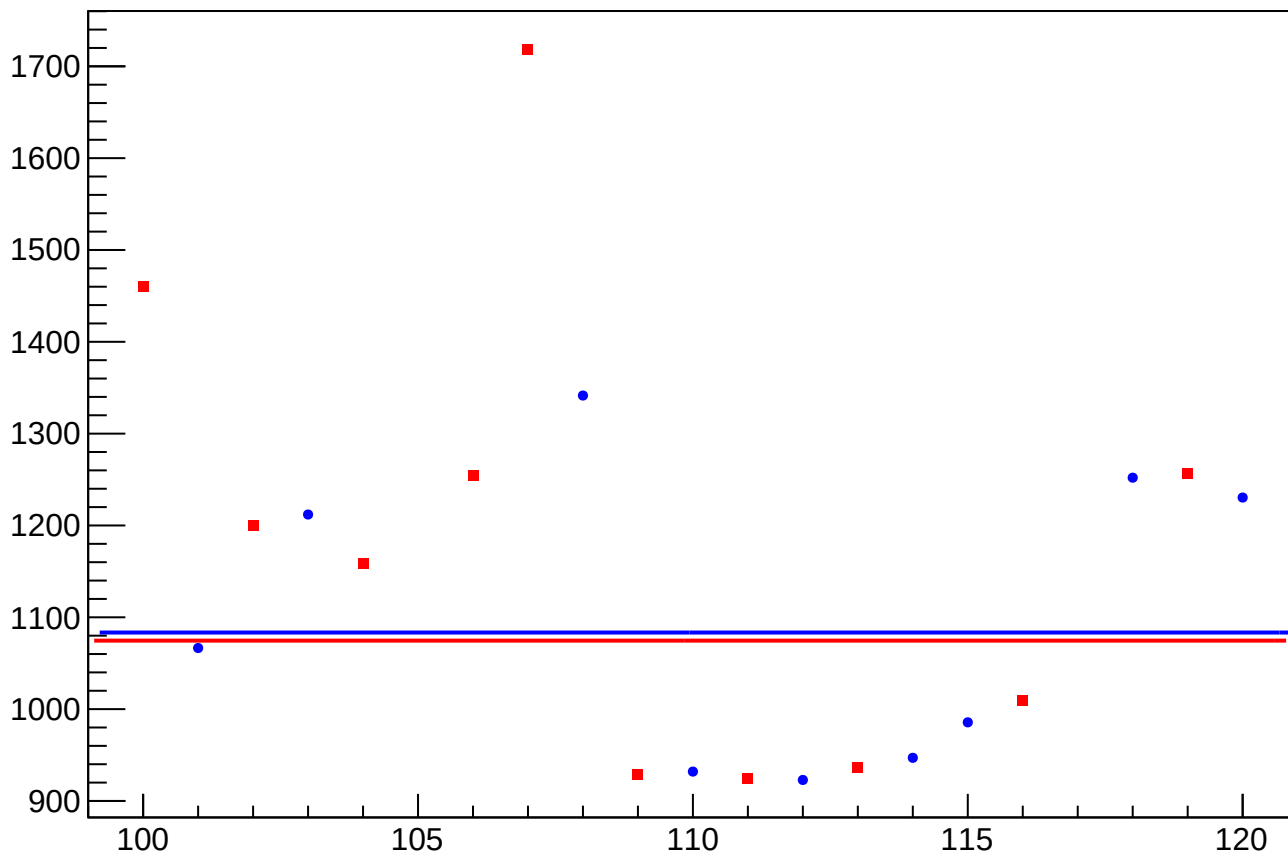
Right: -384.261+/-390.498 χ^2/NDF : 13.7/18

In: -271.672+/-569.709 χ^2/NDF : 9.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -384.261+/-390.498 χ^2/NDF : 13.7/18

asym_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 1083.419+/-0.403 χ^2/NDF : 130488.6/8

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

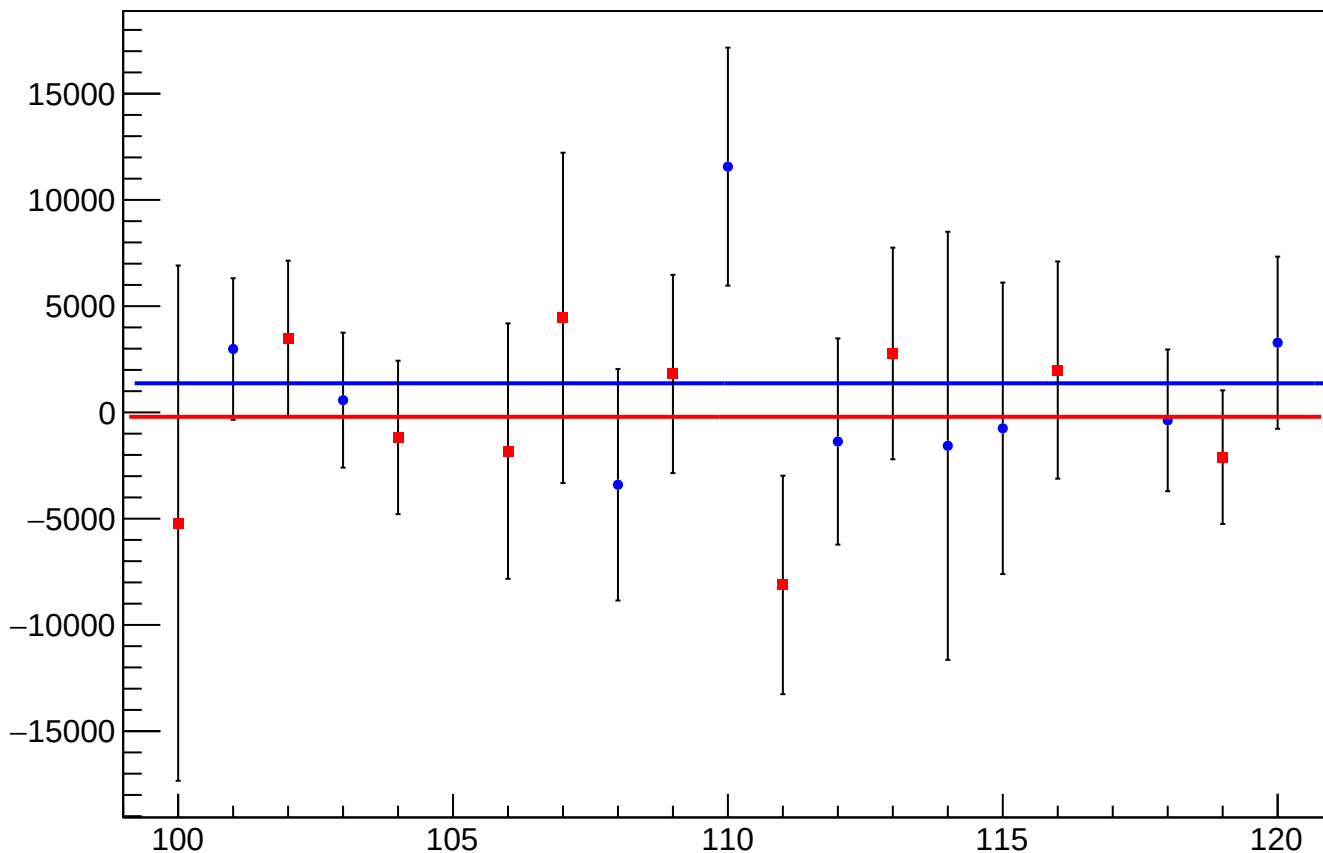
Right: 1078.741+/-0.276 χ^2/NDF : 338894.5/18

In: 1083.419+/-0.403 χ^2/NDF : 130488.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1078.741+/-0.276 χ^2/NDF : 338894.5/18

reg_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1371.226+/-1444.202 χ^2/NDF : 5.4/8

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

Right Out: -204.933+/-1466.131 χ^2/NDF : 5.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

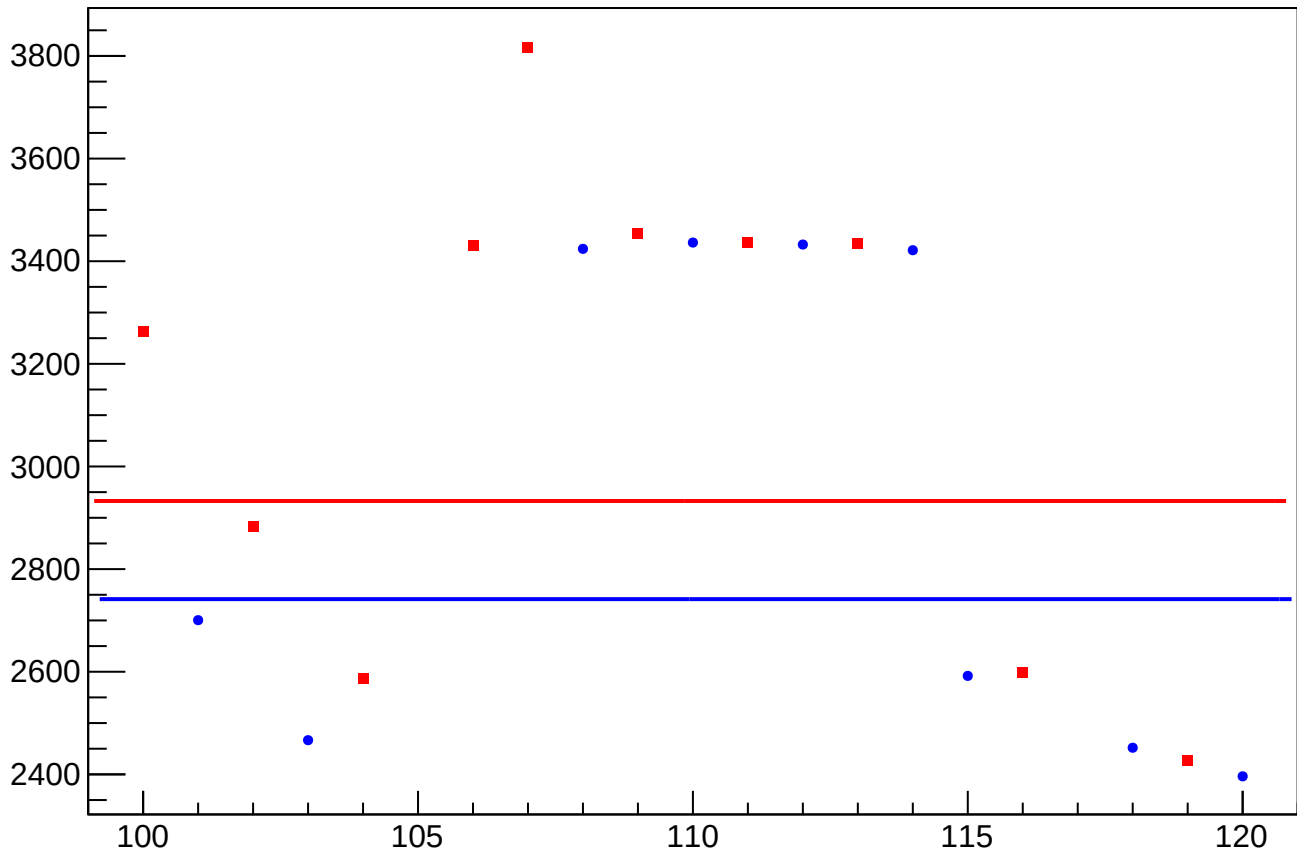
Right: 595.022+/-1028.870 χ^2/NDF : 11.1/18

In: 1371.226+/-1444.202 χ^2/NDF : 5.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 595.022+/-1028.870 χ^2/NDF : 11.1/18

reg_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2741.484+/-1.021 χ^2/NDF : 157751.9/8

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

Right Out: 2932.729+/-1.037 χ^2/NDF : 184314.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

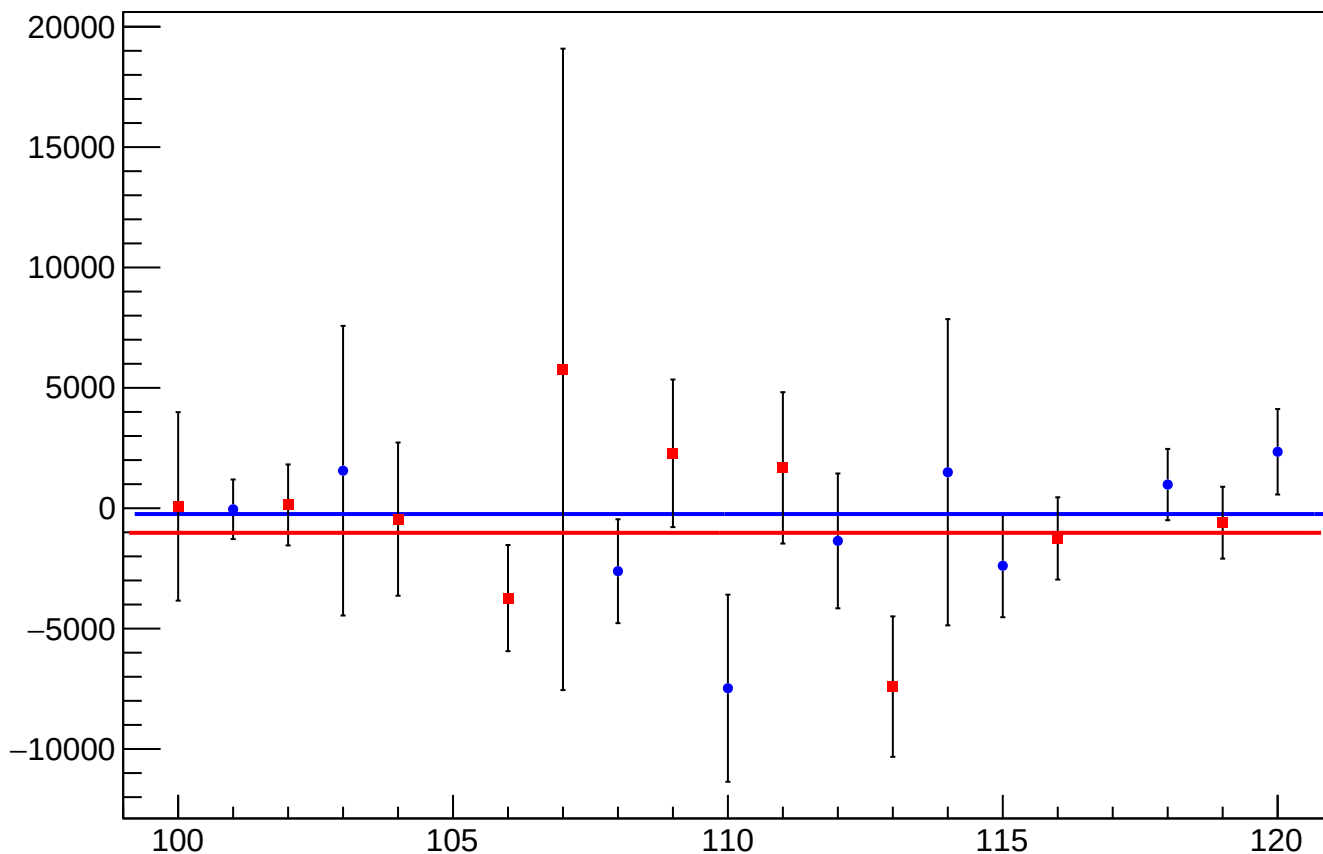
Right: 2835.666+/-0.728 χ^2/NDF : 359338.3/18

In: 2741.484+/-1.021 χ^2/NDF : 157751.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2835.666+/-0.728 χ^2/NDF : 359338.3/18

asym_atl1_reg_correction_mean vs Slug, Sign Corrected



Right In: -241.490+/-689.094 χ^2/NDF : 8.8/8

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

Right Out: -1020.748+/-736.221 χ^2/NDF : 9.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

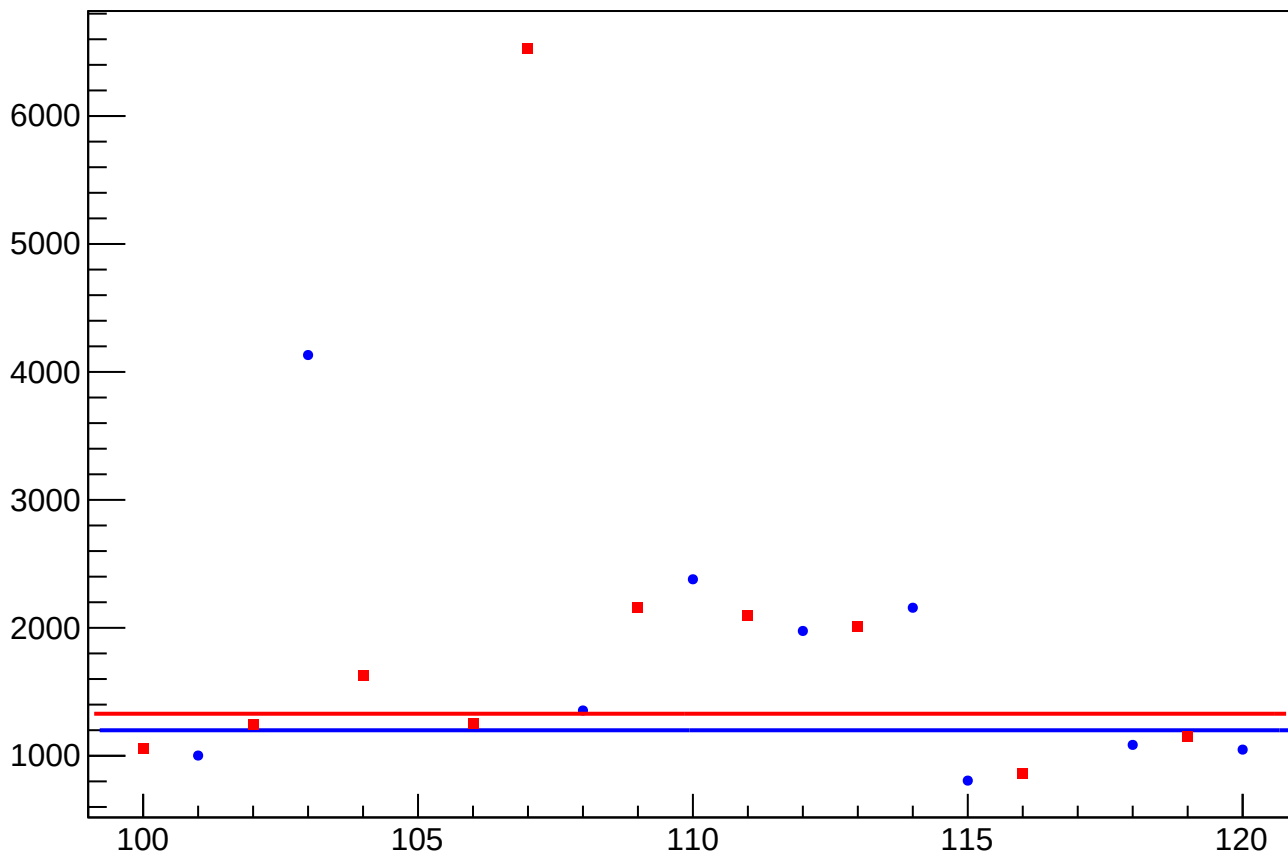
Right: -605.382+/-503.099 χ^2/NDF : 18.6/18

In: -241.490+/-689.094 χ^2/NDF :8.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -605.382+/-503.099 χ^2/NDF : 18.6/18

asym_atl1_reg_correction_rms vs Slug, Sign Corrected



Right In: 1199.478+/-0.487 χ^2/NDF : 1014110.5/8

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

Right Out: 1328.672+/-0.521 χ^2/NDF : 894186.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

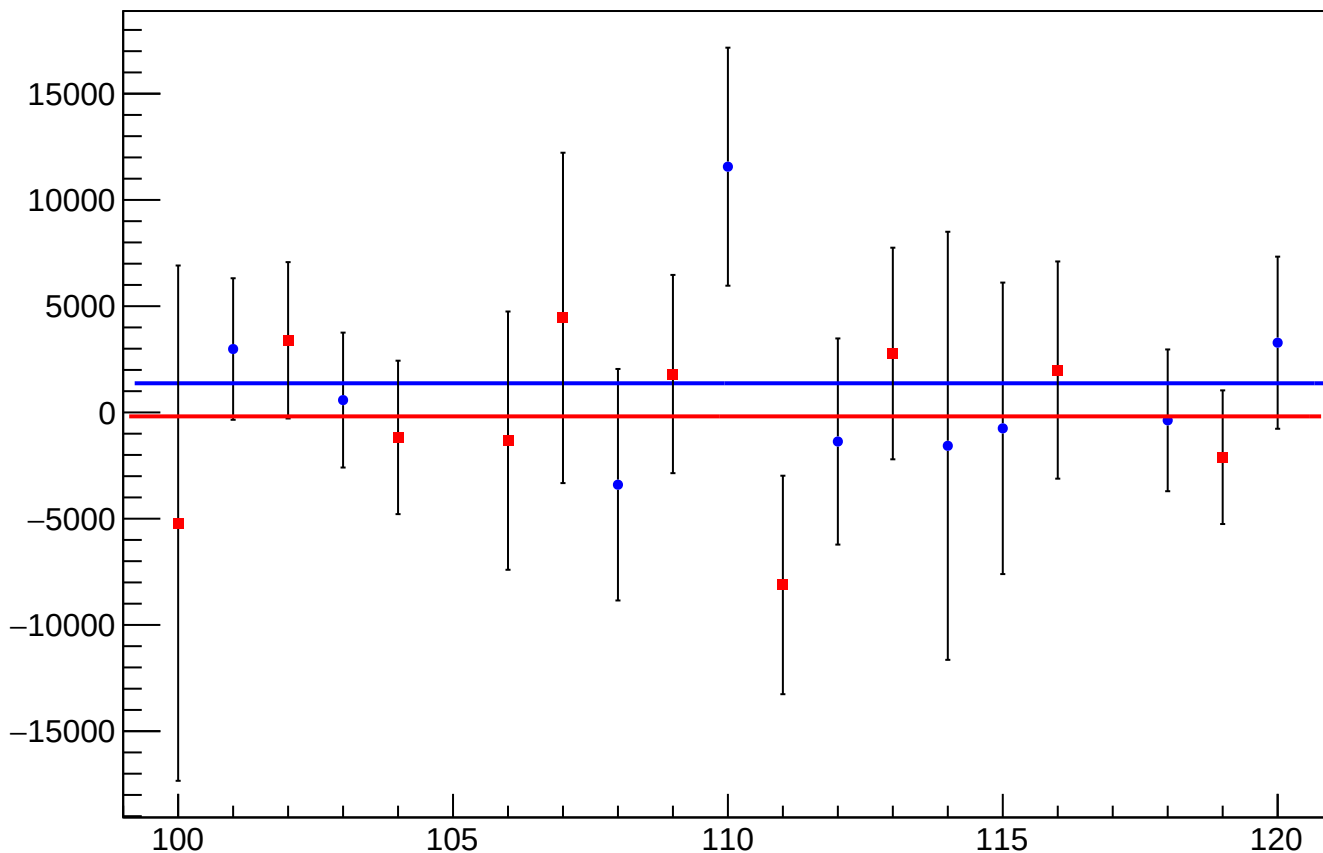
Right: 1259.808+/-0.356 χ^2/NDF : 1941125.5/18

In: 1199.478+/-0.487 χ^2/NDF : 1014110.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1259.808+/-0.356 χ^2/NDF : 1941125.5/18

cor_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1372.165+/-1444.202 χ^2/NDF : 5.4/8

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

Right Out: -185.521+/-1467.122 χ^2/NDF : 5.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

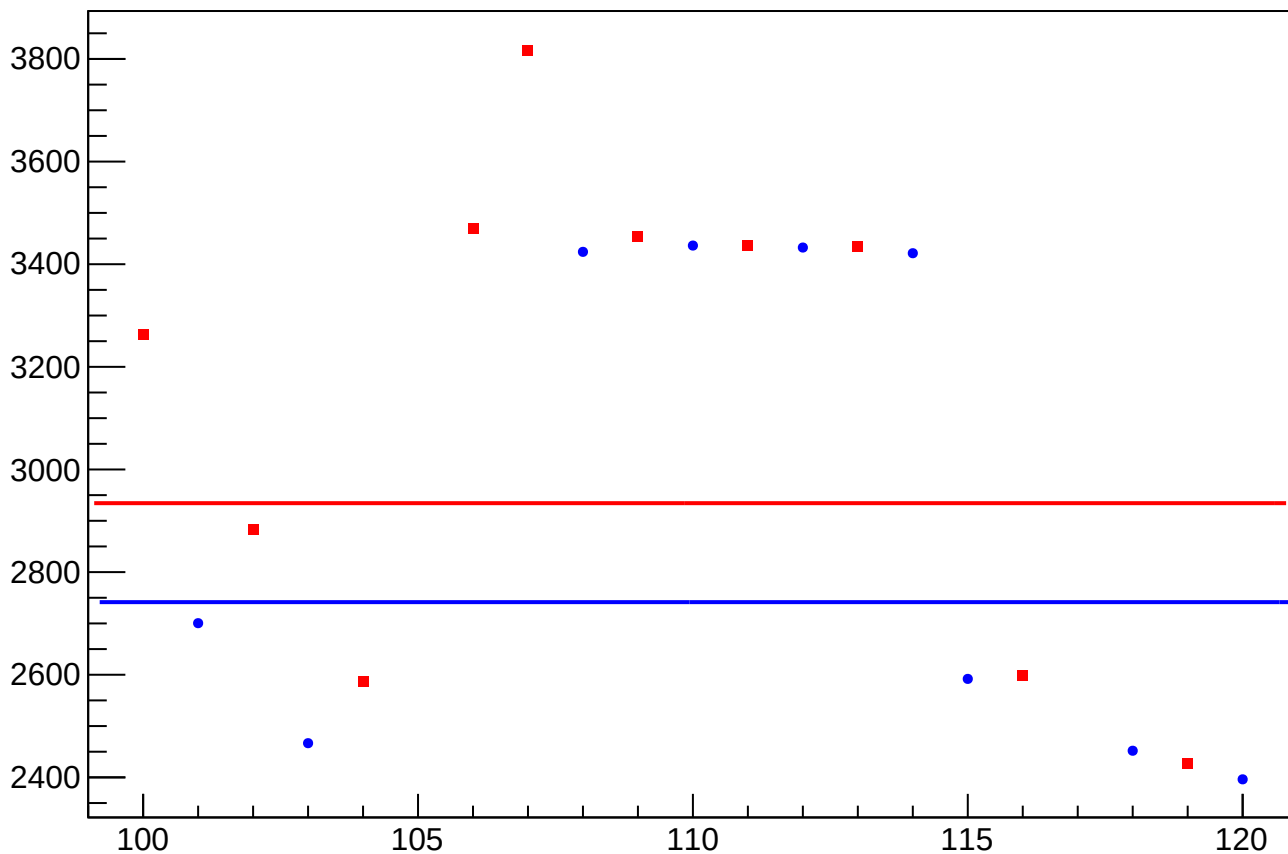
Right: 605.585+/-1029.213 χ^2/NDF : 11.0/18

In: 1372.165+/-1444.202 χ^2/NDF : 5.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 605.585+/-1029.213 χ^2/NDF : 11.0/18

cor_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2741.484+/-1.021 χ^2/NDF : 157751.7/8

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

Right Out: 2934.351+/-1.037 χ^2/NDF : 186133.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

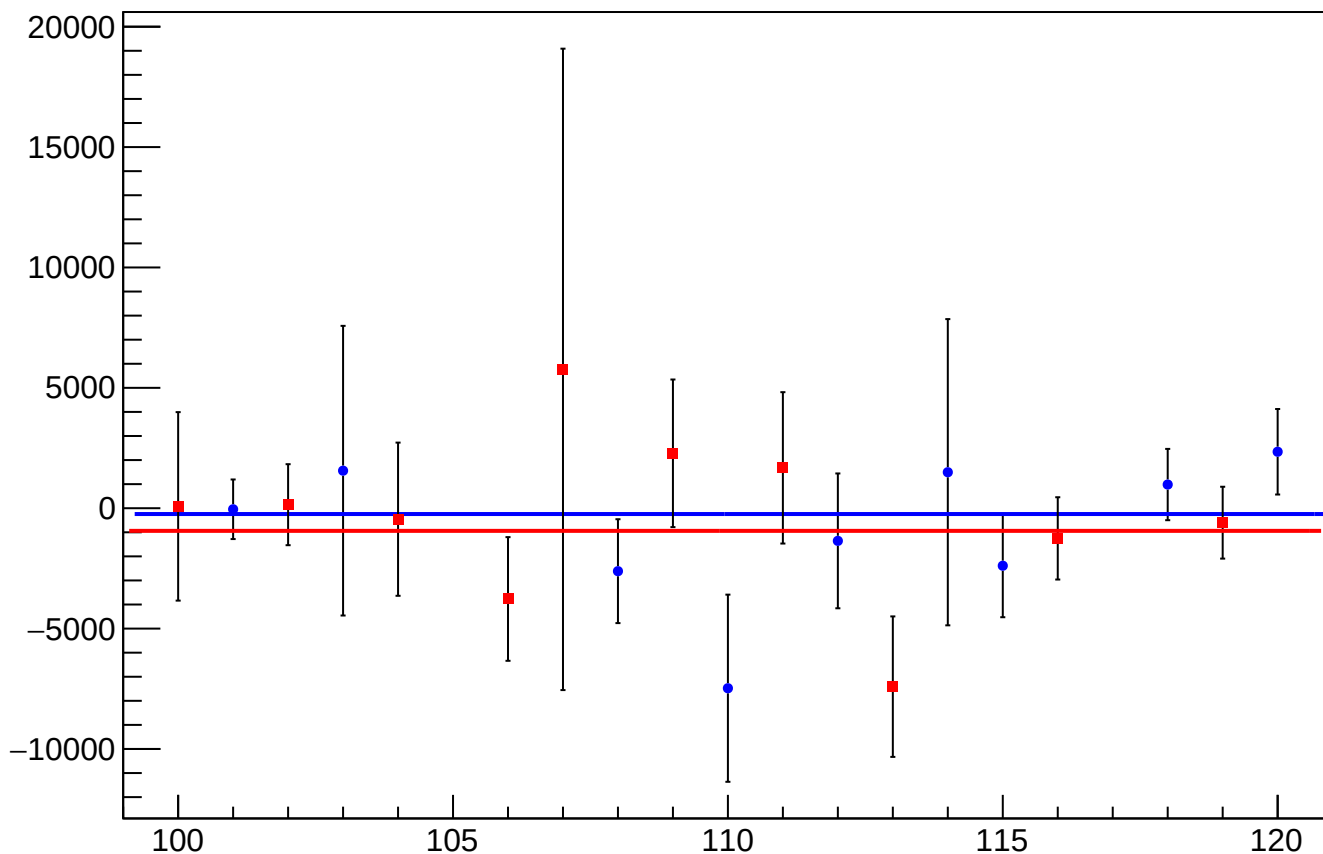
Right: 2836.399+/-0.728 χ^2/NDF : 361438.6/18

In: 2741.484+/-1.021 χ^2/NDF : 157751.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2836.399+/-0.728 χ^2/NDF : 361438.6/18

asym_atl1_cor_correction_mean vs Slug, Sign Corrected



Right In: -241.514+/-689.087 χ^2/NDF : 8.8/8

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

Right Out: -940.434+/-747.264 χ^2/NDF : 8.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

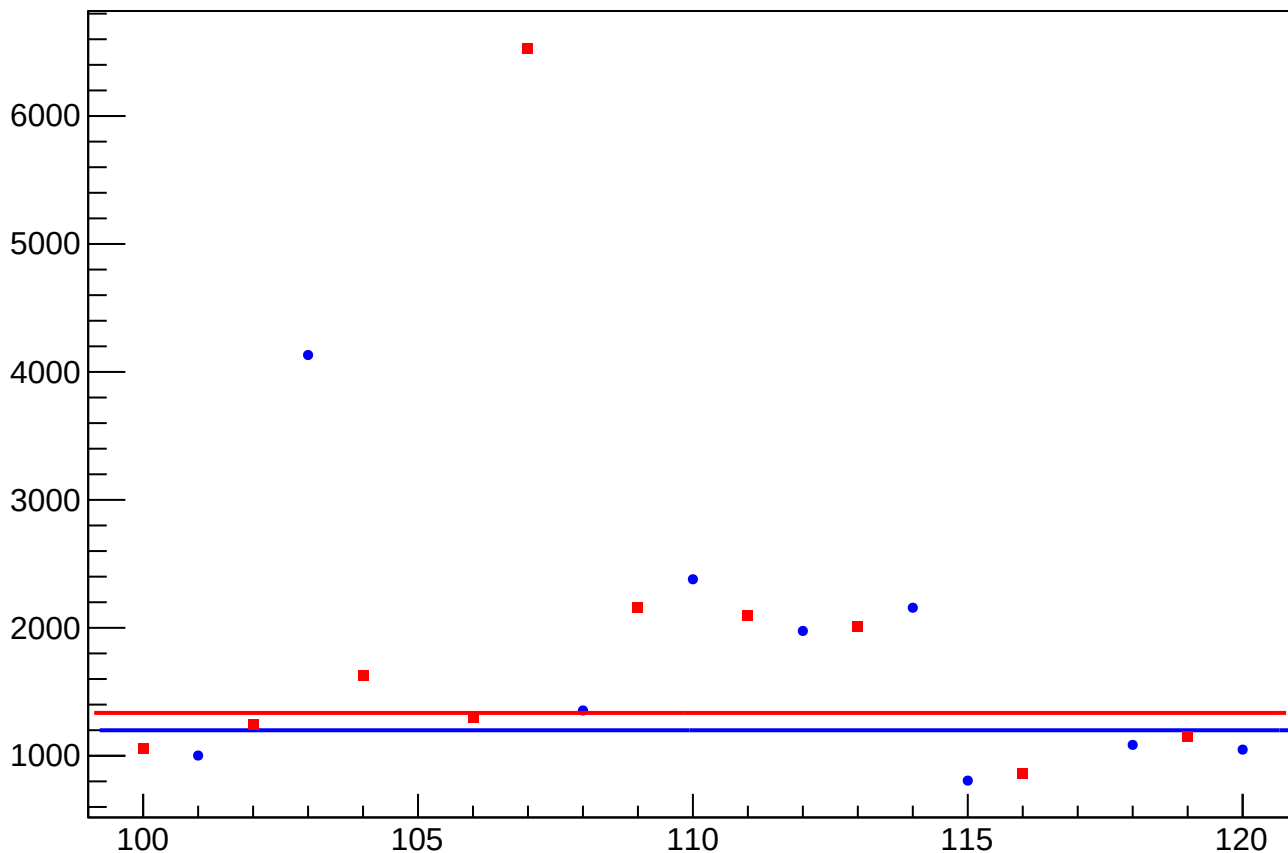
Right: -562.711+/-506.578 χ^2/NDF : 18.1/18

In: -241.514+/-689.087 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -562.711+/-506.578 χ^2/NDF : 18.1/18

asym_atl1_cor_correction_rms vs Slug, Sign Corrected



Right In: 1199.459+/-0.487 χ^2/NDF : 1014134.6/8

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

Right Out: 1335.171+/-0.528 χ^2/NDF : 891831.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

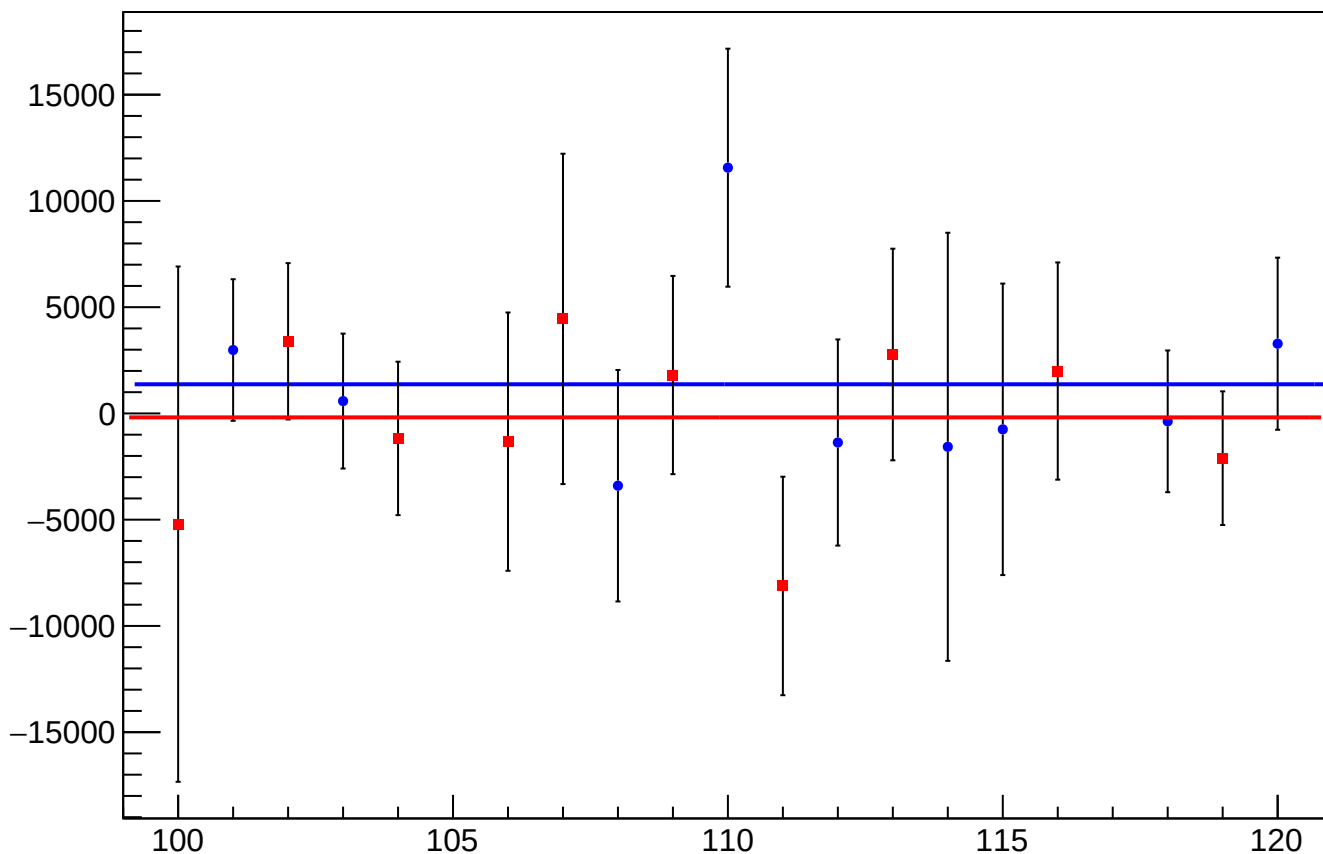
Right: 1261.827+/-0.358 χ^2/NDF : 1941616.9/18

In: 1199.459+/-0.487 χ^2/NDF : 1014134.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1261.827+/-0.358 χ^2/NDF : 1941616.9/18

eigen_cor_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1372.165+/-1444.202 χ^2/NDF : 5.4/8

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

Right Out: -185.521+/-1467.122 χ^2/NDF : 5.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

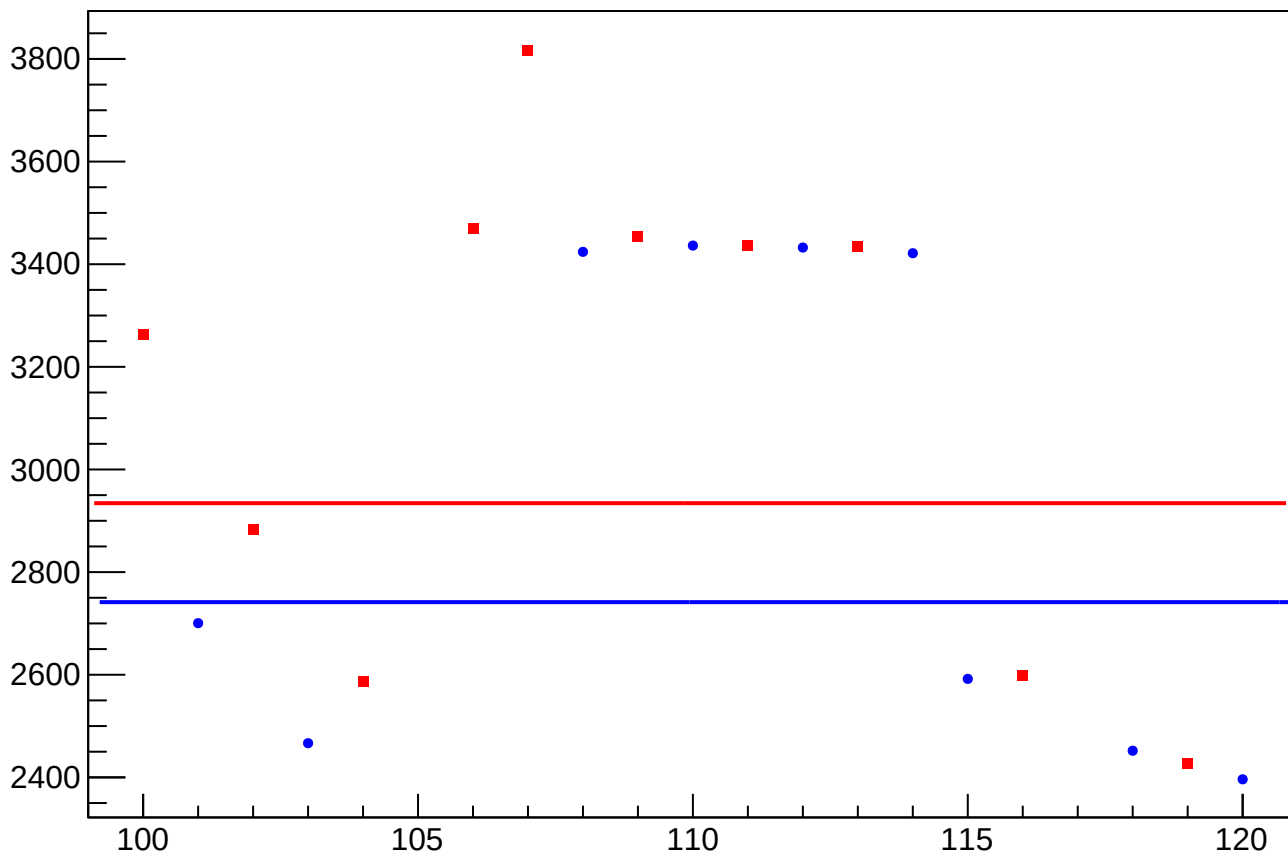
Right: 605.585+/-1029.213 χ^2/NDF : 11.0/18

In: 1372.165+/-1444.202 χ^2/NDF : 5.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 605.585+/-1029.213 χ^2/NDF : 11.0/18

eigen_cor_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2741.484+/-1.021 χ^2/NDF : 157751.7/8

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

Right Out: 2934.351+/-1.037 χ^2/NDF : 186133.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

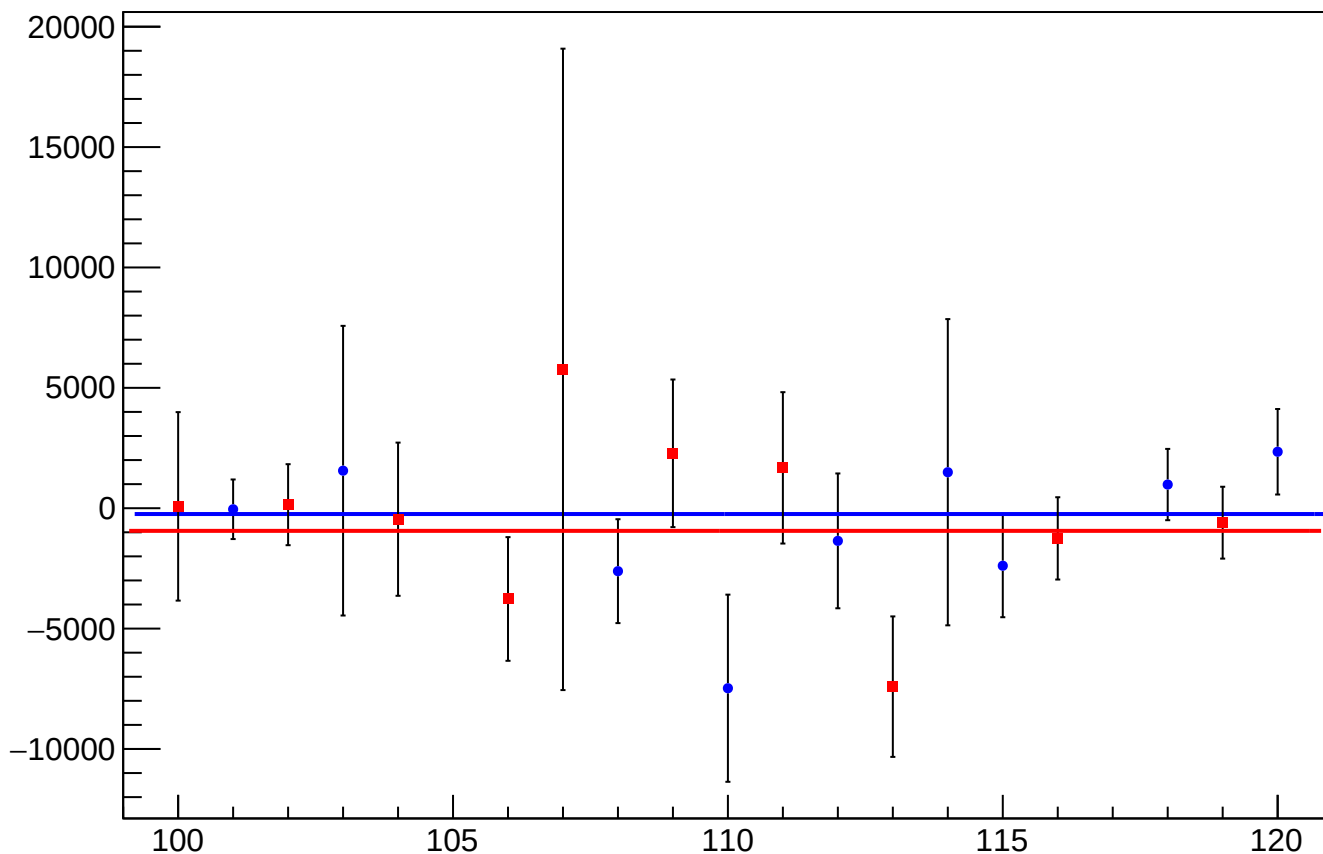
Right: 2836.399+/-0.728 χ^2/NDF : 361438.6/18

In: 2741.484+/-1.021 χ^2/NDF : 157751.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2836.399+/-0.728 χ^2/NDF : 361438.6/18

asym_atl1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -241.514+/-689.087 χ^2 /NDF: 8.8/8

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

Right Out: -940.434+/-747.264 χ^2 /NDF: 8.8/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

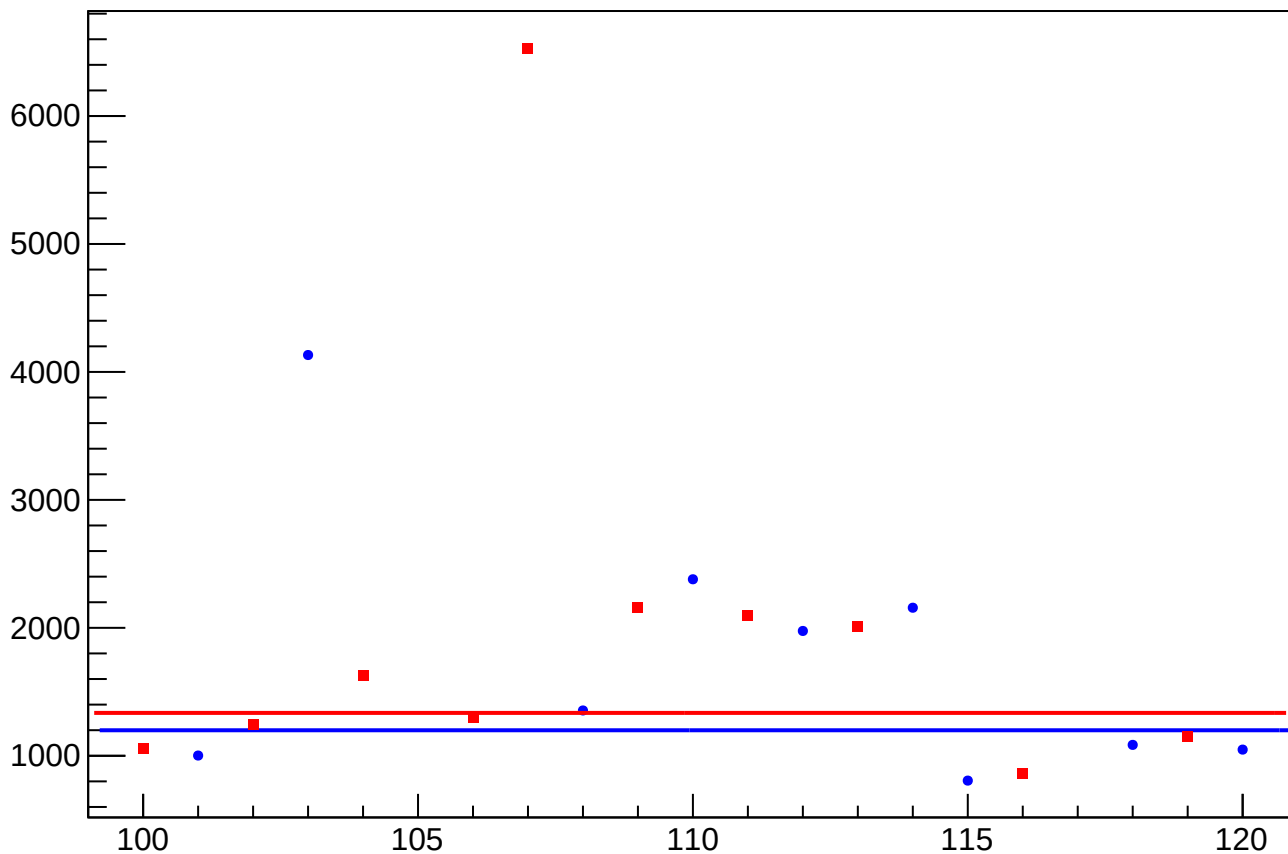
Right: -562.711+/-506.578 χ^2 /NDF: 18.1/18

In: -241.514+/-689.087 χ^2 /NDF:8.8/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -562.711+/-506.578 χ^2 /NDF: 18.1/18

asym_atl1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1199.459+/-0.487 χ^2/NDF : 1014134.6/8

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

Right Out: 1335.171+/-0.528 χ^2/NDF : 891831.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

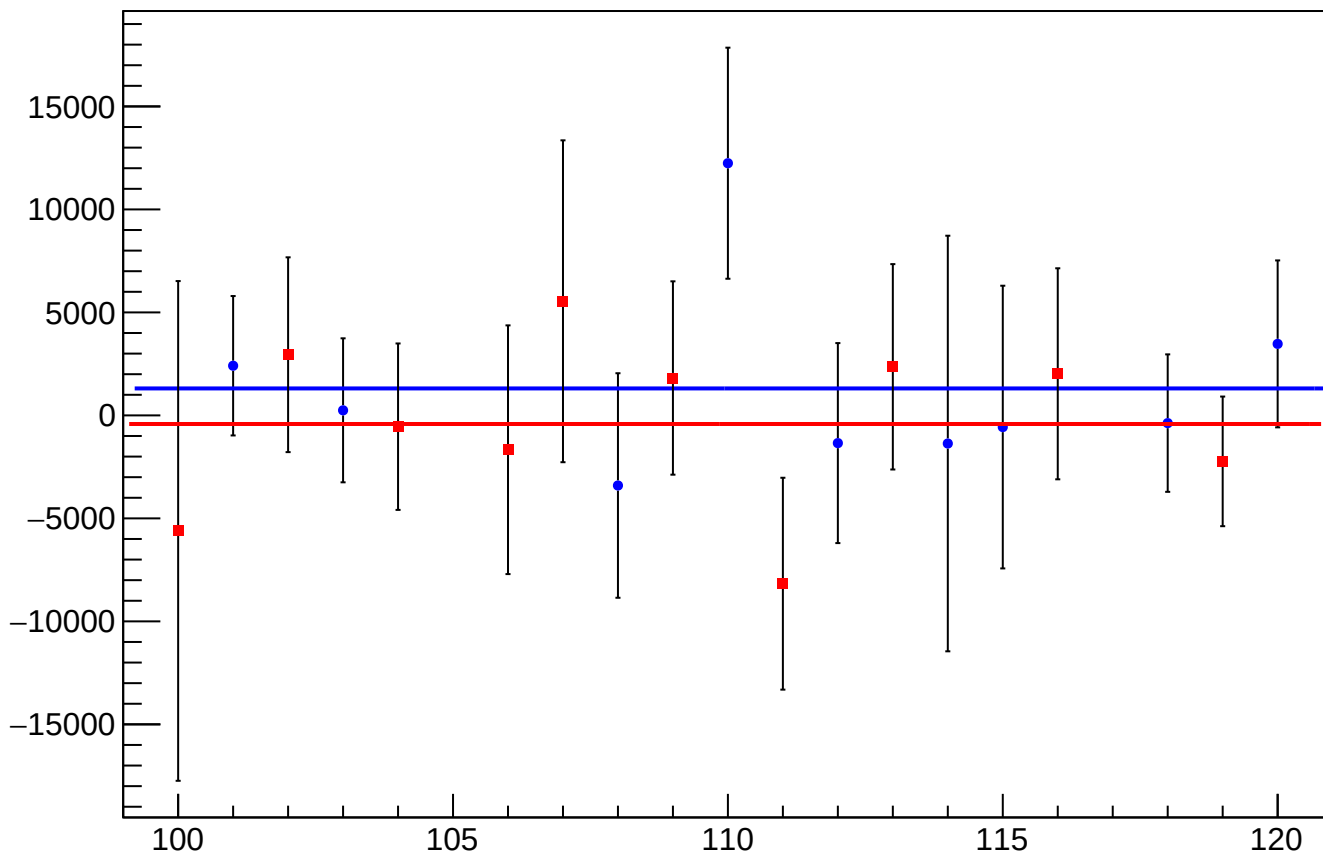
Right: 1261.827+/-0.358 χ^2/NDF : 1941616.9/18

In: 1199.459+/-0.487 χ^2/NDF : 1014134.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1261.827+/-0.358 χ^2/NDF : 1941616.9/18

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1308.750+/-1476.395 χ^2/NDF : 5.7/8

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

Right Out: -417.727+/-1544.655 χ^2/NDF : 4.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

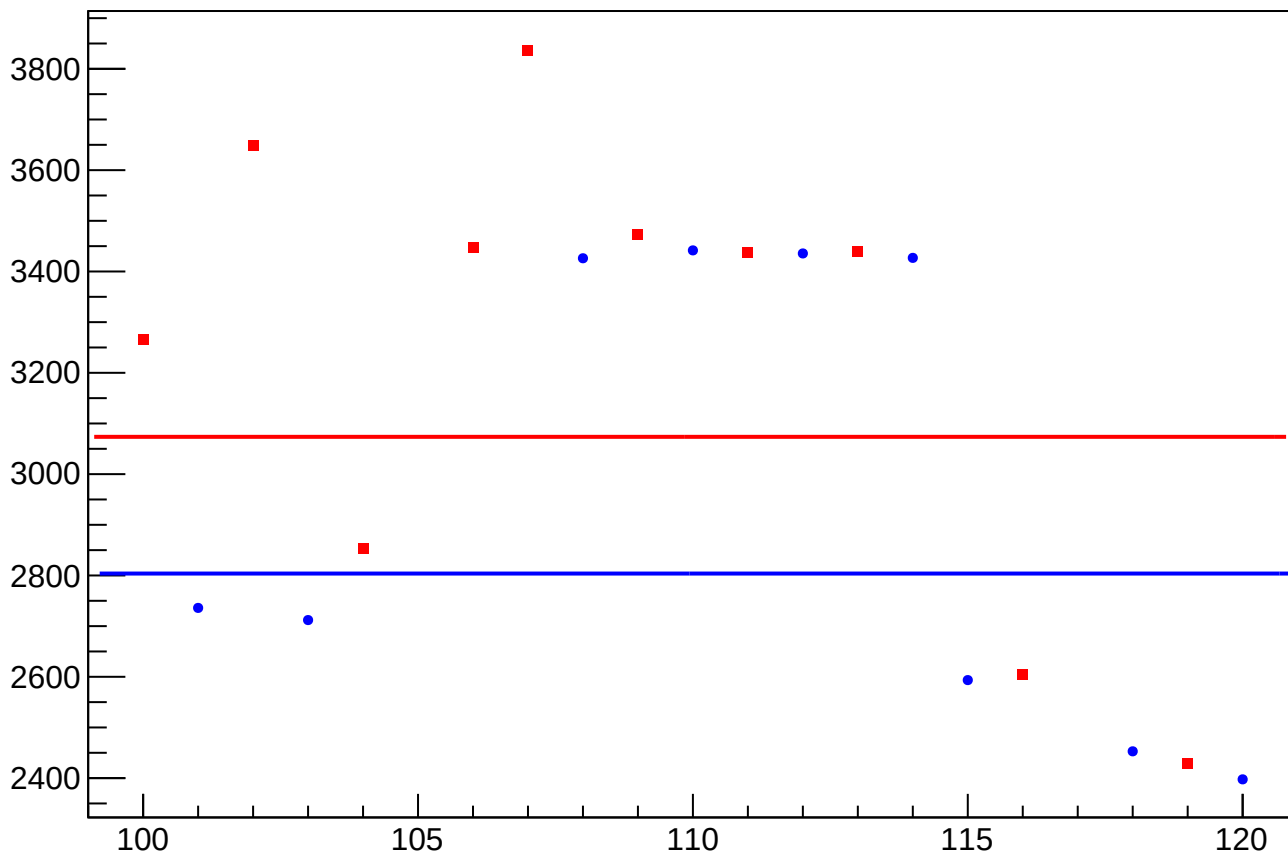
Right: 484.501+/-1067.284 χ^2/NDF : 11.1/18

In: 1308.750+/-1476.395 χ^2/NDF : 5.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 484.501+/-1067.284 χ^2/NDF : 11.1/18

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2803.794+/-1.044 χ^2/NDF : 139703.0/8

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

Right Out: 3073.640+/-1.092 χ^2/NDF : 198585.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

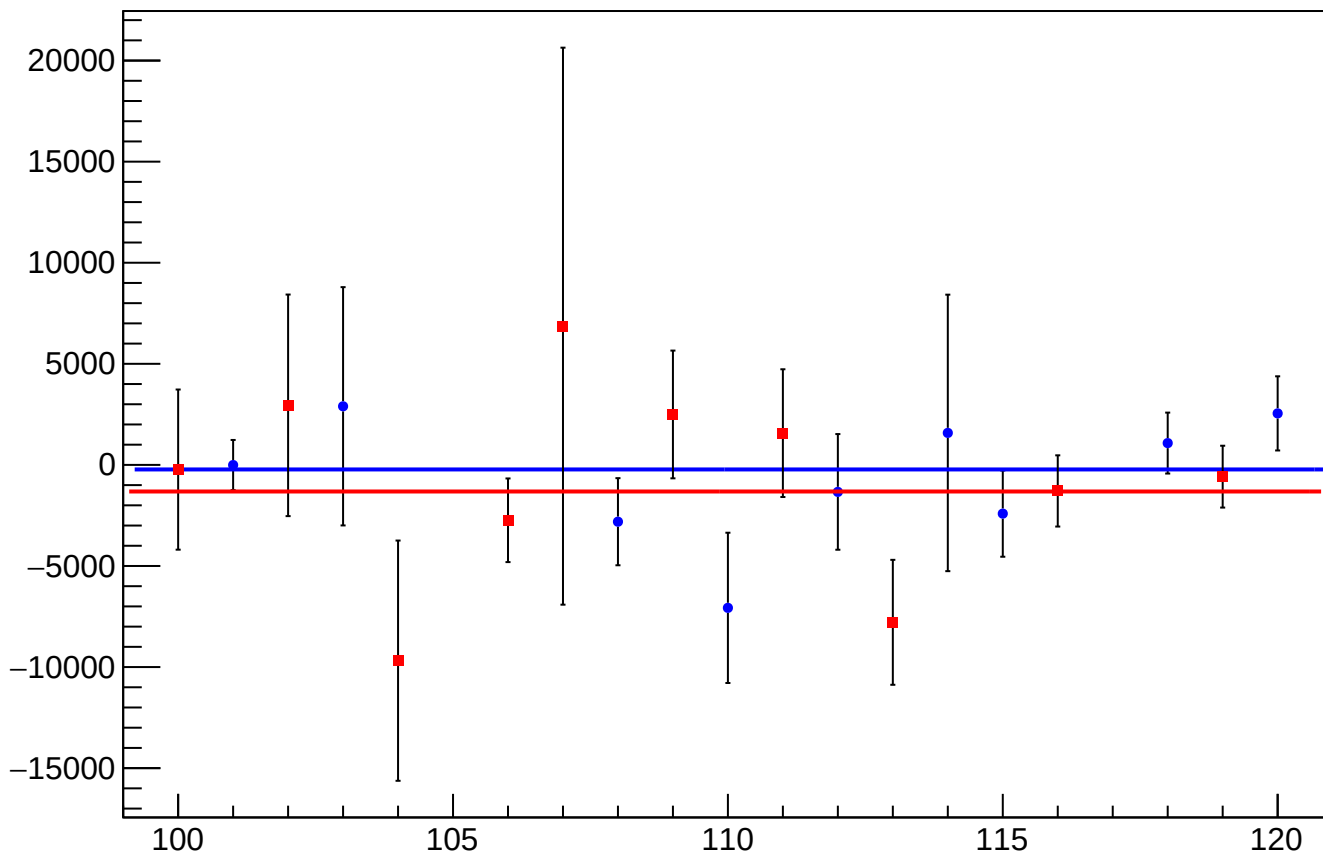
Right: 2932.623+/-0.755 χ^2/NDF : 370186.1/18

In: 2803.794+/-1.044 χ^2/NDF : 139703.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2932.623+/-0.755 χ^2/NDF : 370186.1/18

asym_atl1_dit_correction_mean vs Slug, Sign Corrected



Right In: -225.041+/-695.452 χ^2 /NDF: 9.5/8

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

Right Out: -1315.410+/-839.504 χ^2 /NDF: 10.4/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

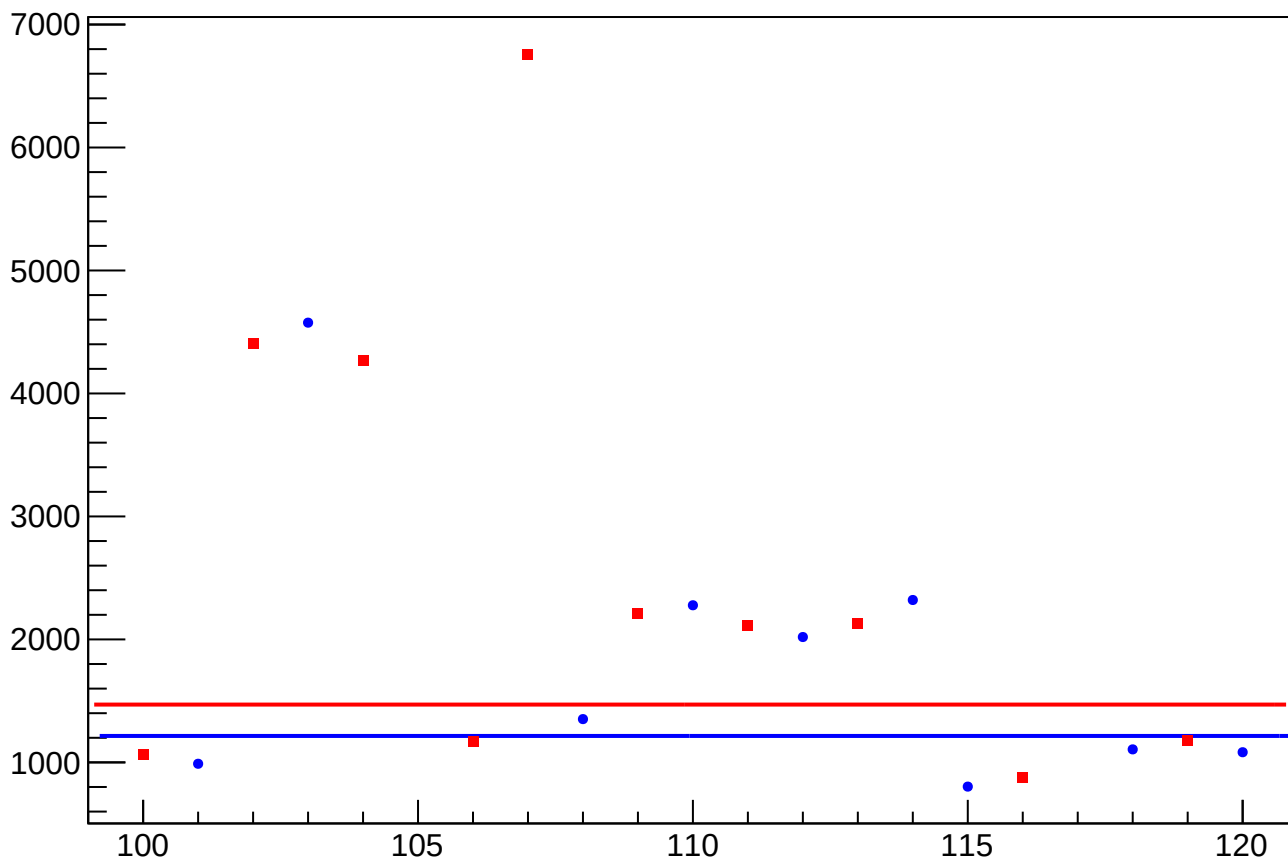
Right: -668.790+/-535.556 χ^2 /NDF: 20.8/18

In: -225.041+/-695.452 χ^2 /NDF:9.5/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -668.790+/-535.556 χ^2 /NDF: 20.8/18

asym_atl1_dit_correction_rms vs Slug, Sign Corrected



Right In: 1215.063+/-0.492 χ^2/NDF : 1194371.6/8

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

Right Out: 1470.104+/-0.594 χ^2/NDF : 1951301.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

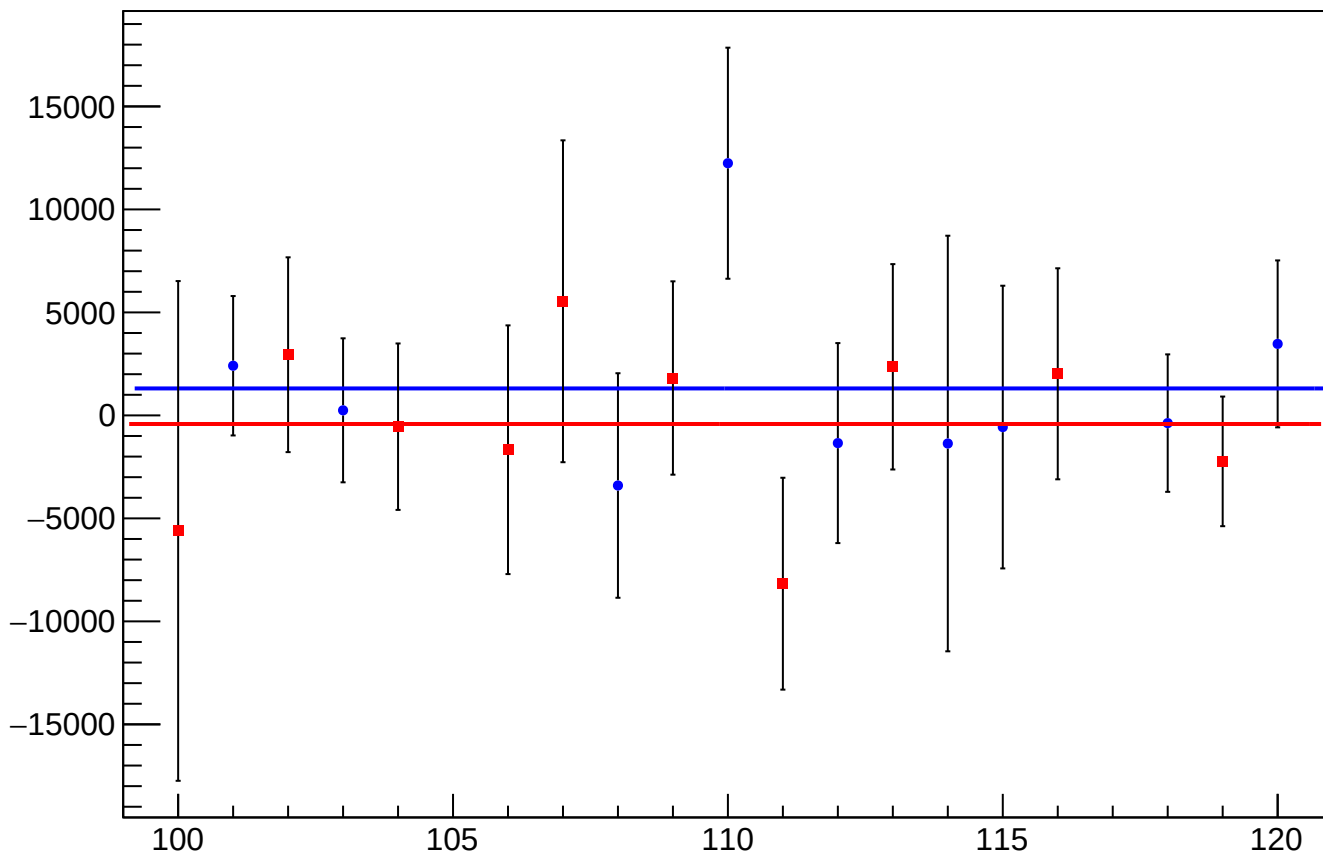
Right: 1318.857+/-0.379 χ^2/NDF : 3255139.2/18

In: 1215.063+/-0.492 χ^2/NDF : 1194371.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1318.857+/-0.379 χ^2/NDF : 3255139.2/18

eigen_dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1308.744+/-1476.394 χ^2/NDF : 5.7/8

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

Right Out: -417.730+/-1544.654 χ^2/NDF : 4.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

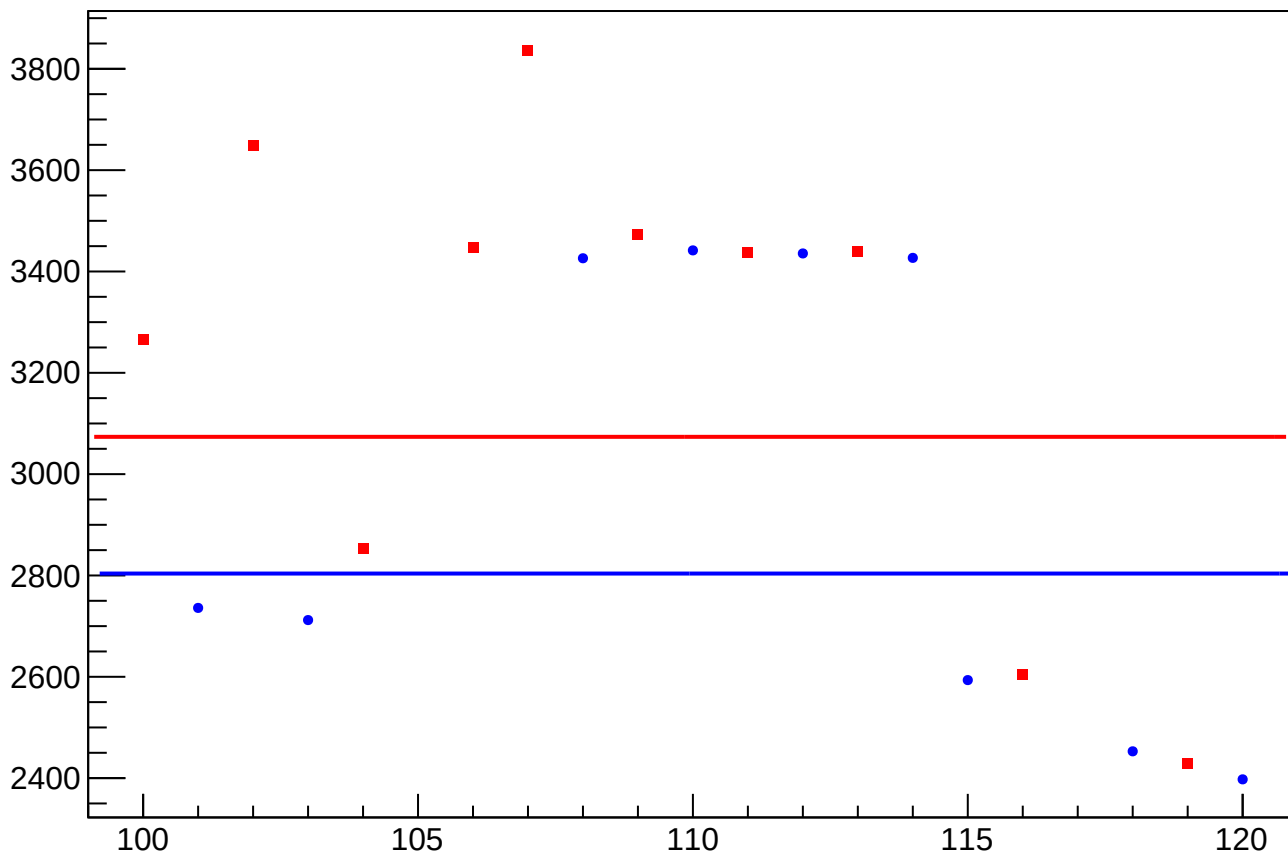
Right: 484.497+/-1067.284 χ^2/NDF : 11.1/18

In: 1308.744+/-1476.394 χ^2/NDF : 5.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 484.497+/-1067.284 χ^2/NDF : 11.1/18

eigen_dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2803.793+/-1.044 χ^2/NDF : 139703.2/8

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

Right Out: 3073.639+/-1.092 χ^2/NDF : 198585.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

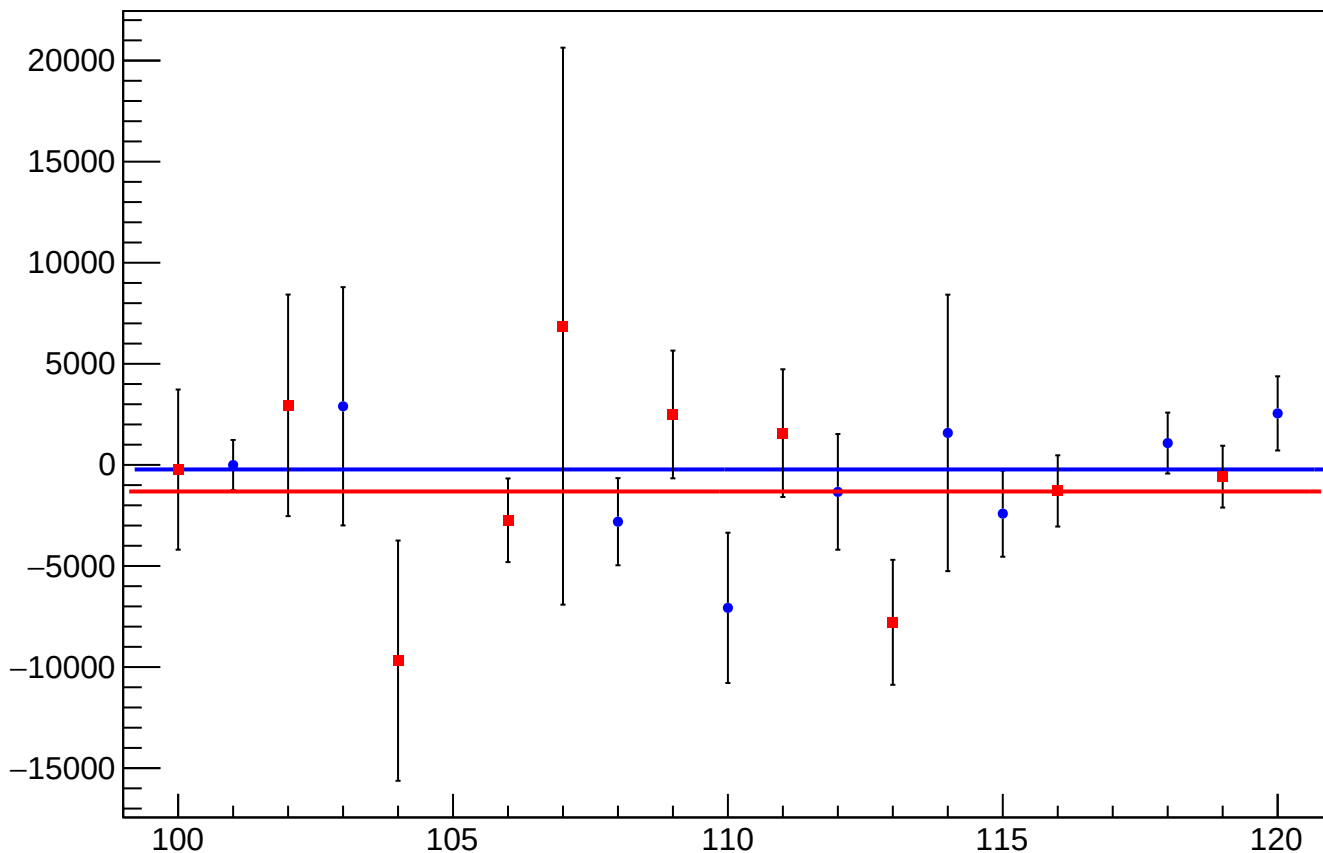
Right: 2932.622+/-0.755 χ^2/NDF : 370186.3/18

In: 2803.793+/-1.044 χ^2/NDF : 139703.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2932.622+/-0.755 χ^2/NDF : 370186.3/18

asym_atl1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -225.043+/-695.450 χ^2/NDF : 9.5/8

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

Right Out: -1315.406+/-839.502 χ^2/NDF : 10.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

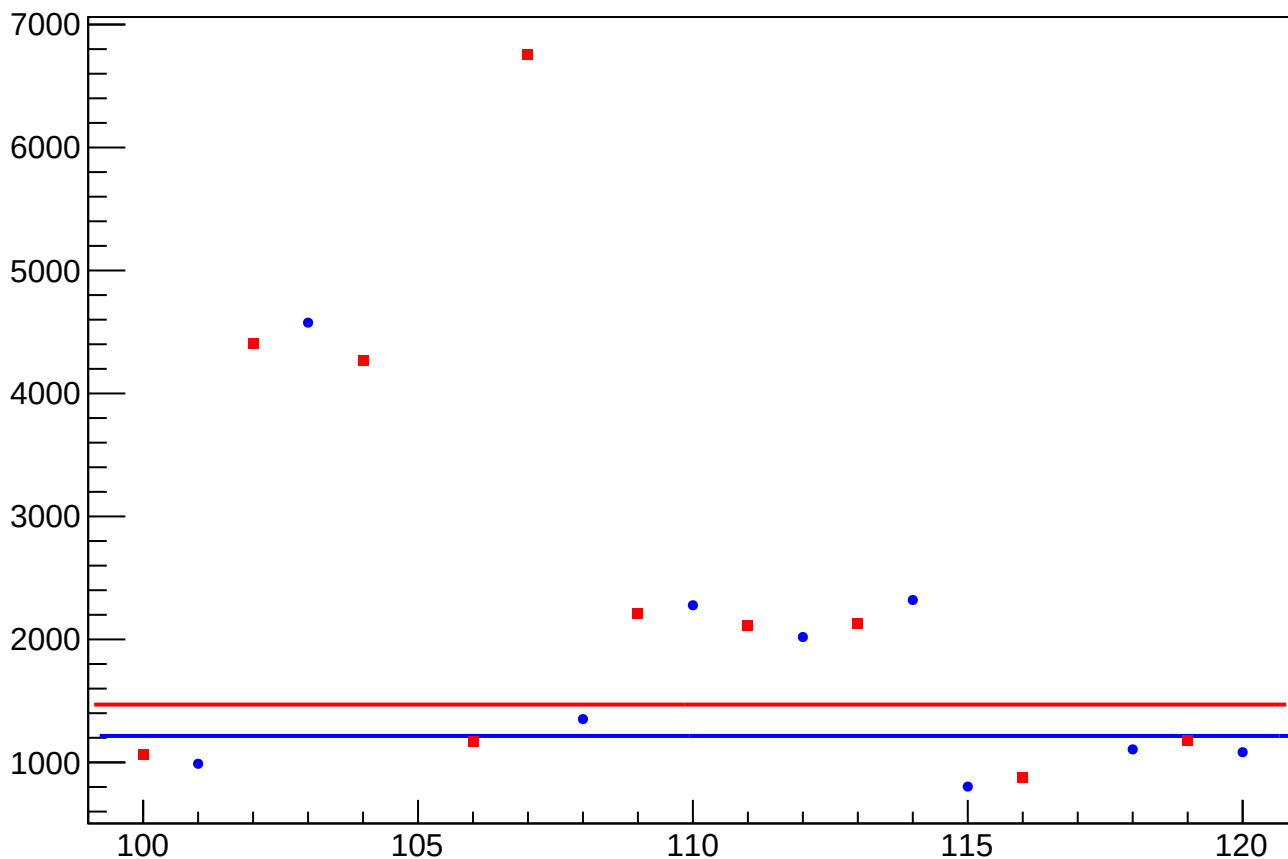
Right: -668.790+/-535.555 χ^2/NDF : 20.8/18

In: -225.043+/-695.450 χ^2/NDF :9.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -668.790+/-535.555 χ^2/NDF : 20.8/18

asym_atl1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1215.061+/-0.492 χ^2/NDF : 1194374.3/8

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

Right Out: 1470.100+/-0.594 χ^2/NDF : 1951308.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

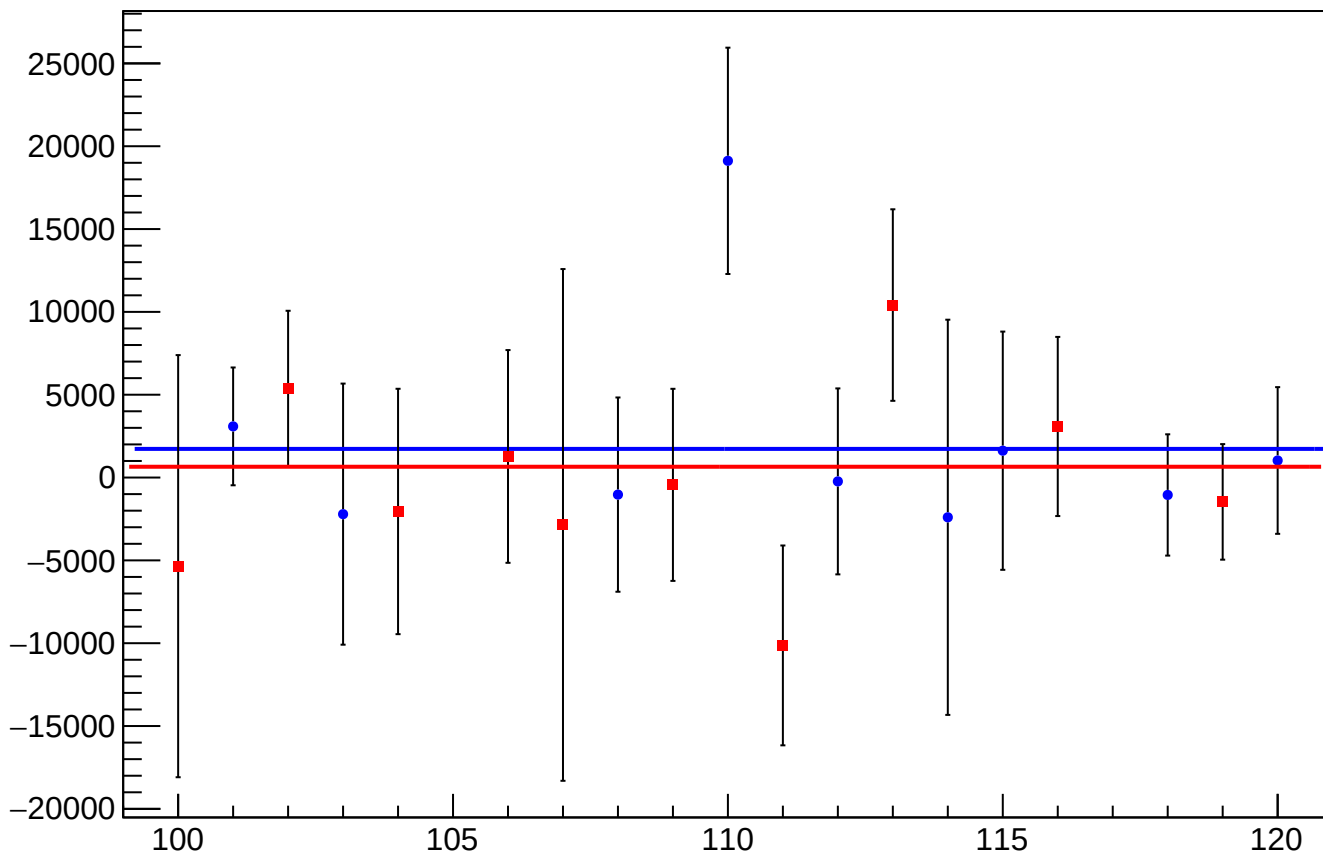
Right: 1318.855+/-0.379 χ^2/NDF : 3255147.9/18

In: 1215.061+/-0.492 χ^2/NDF : 1194374.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1318.855+/-0.379 χ^2/NDF : 3255147.9/18

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1729.274+/-1742.243 χ^2/NDF : 7.9/8

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

Right Out: 651.908+/-1820.459 χ^2/NDF : 8.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

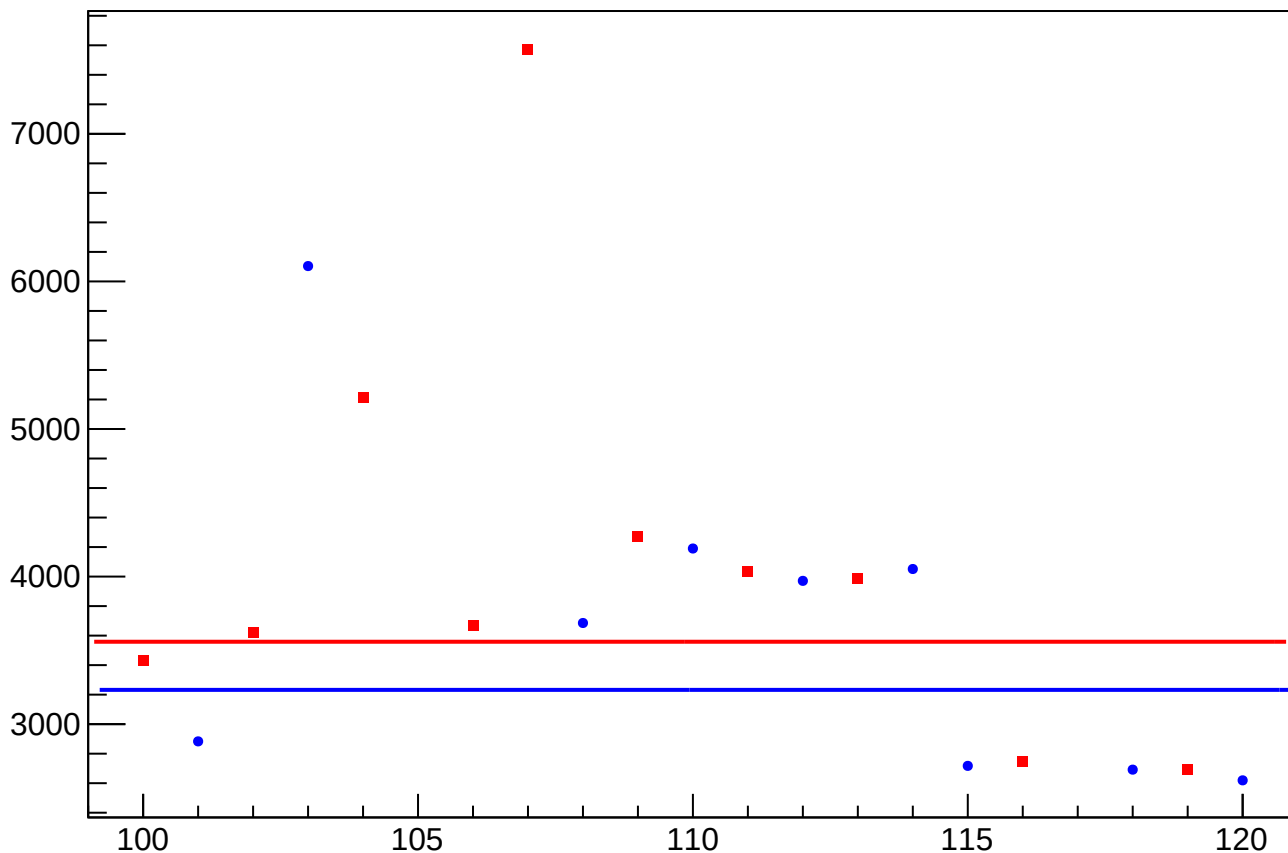
Right: 1214.232+/-1258.695 χ^2/NDF : 16.2/18

In: 1729.274+/-1742.243 χ^2/NDF : 7.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1214.232+/-1258.695 χ^2/NDF : 16.2/18

asym_atl1_rms vs Slug, Sign Corrected



Right In: 3232.301+/-1.232 χ^2/NDF : 472403.2/8

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

Right Out: 3558.470+/-1.287 χ^2/NDF : 457889.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

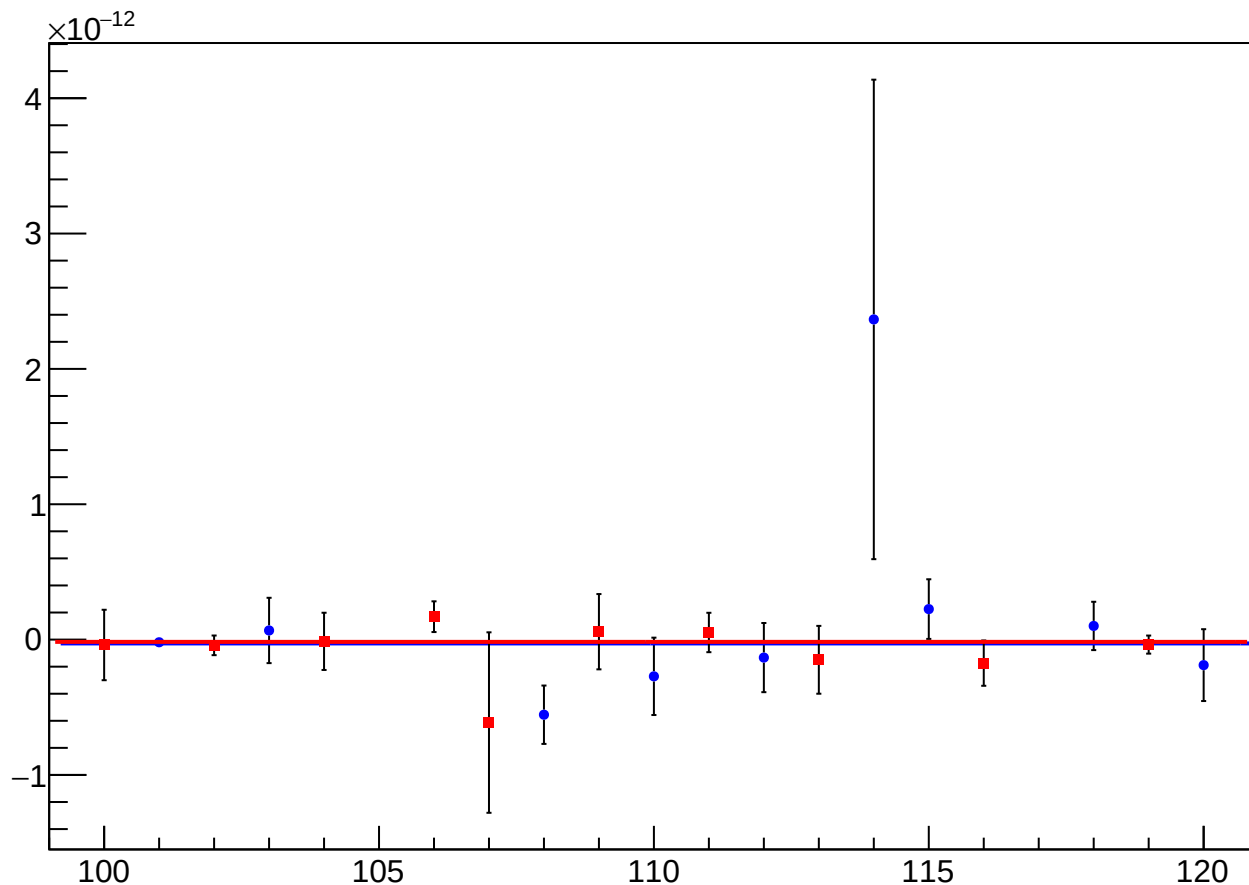
Right: 3388.228+/-0.890 χ^2/NDF : 963803.3/18

In: 3232.301+/-1.232 χ^2/NDF : 472403.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3388.228+/-0.890 χ^2/NDF : 963803.3/18

asym_atl1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.1/8

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

Right Out: -0.000+/-0.000 χ^2/NDF : 5.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

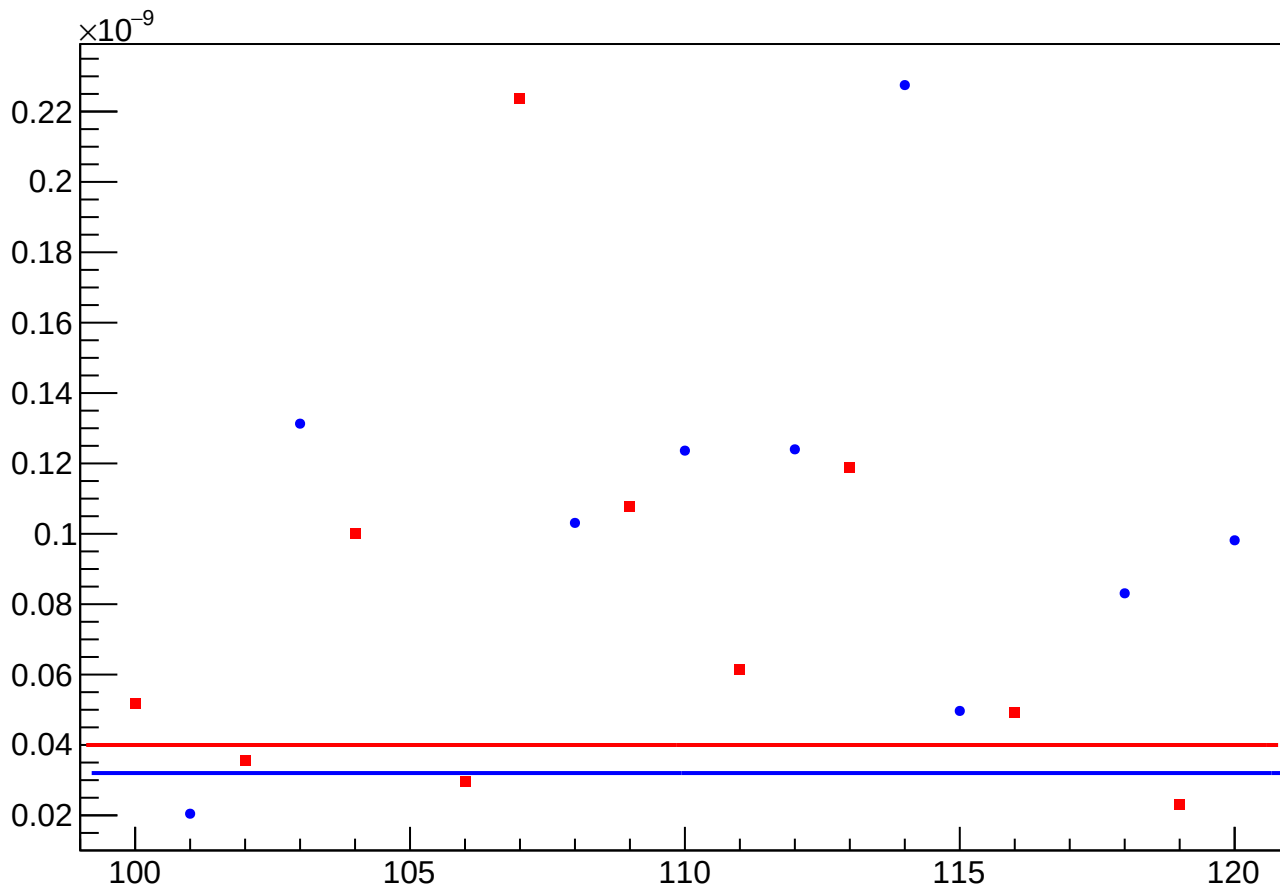
Right: -0.000+/-0.000 χ^2/NDF : 16.3/18

In: -0.000+/-0.000 χ^2/NDF : 11.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.3/18

asym_atl1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1547832.3/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 836138.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

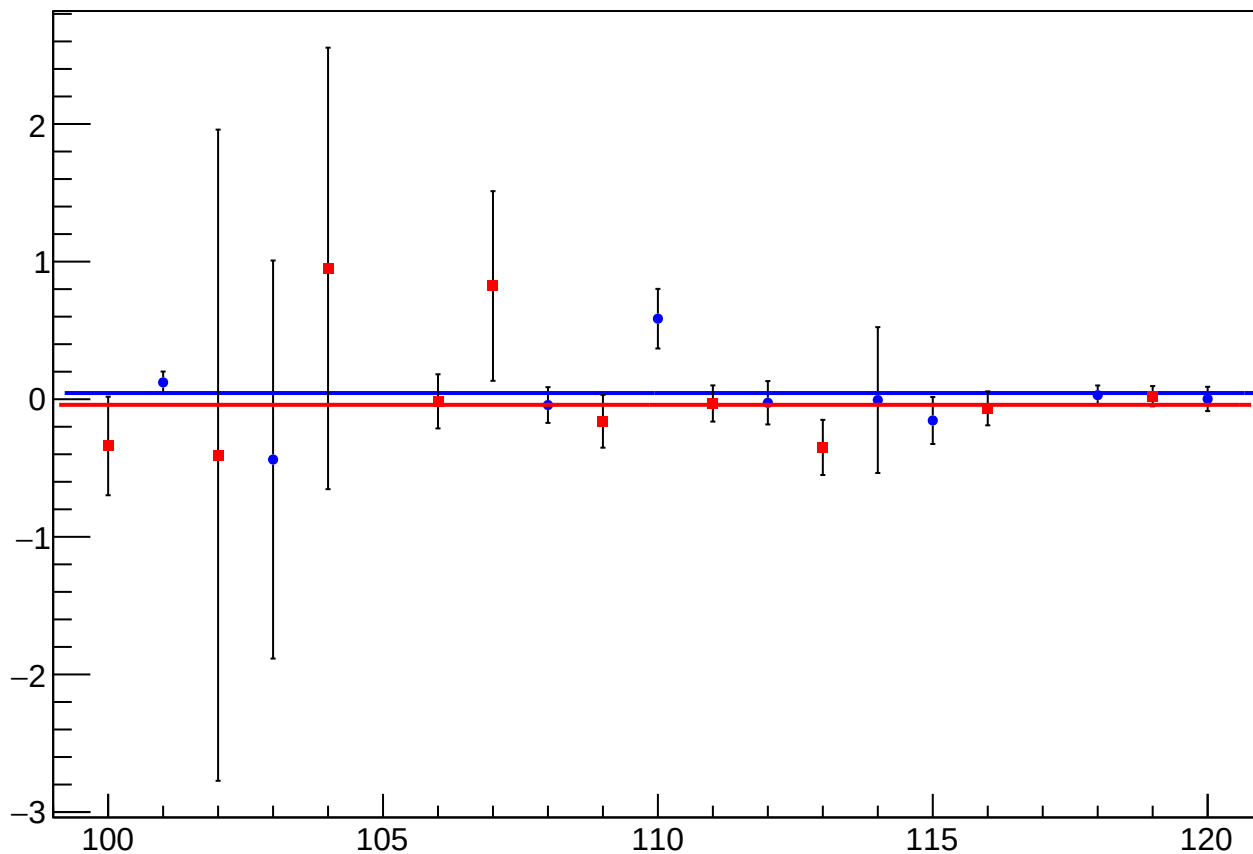
Right: 0.000+/-0.000 χ^2/NDF : 2431414.1/18

In: 0.000+/-0.000 χ^2/NDF : 1547832.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2431414.1/18

asym_atl1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.045+/-0.039 χ^2/NDF : 9.6/8

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

Right Out: -0.041+/-0.050 χ^2/NDF : 6.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

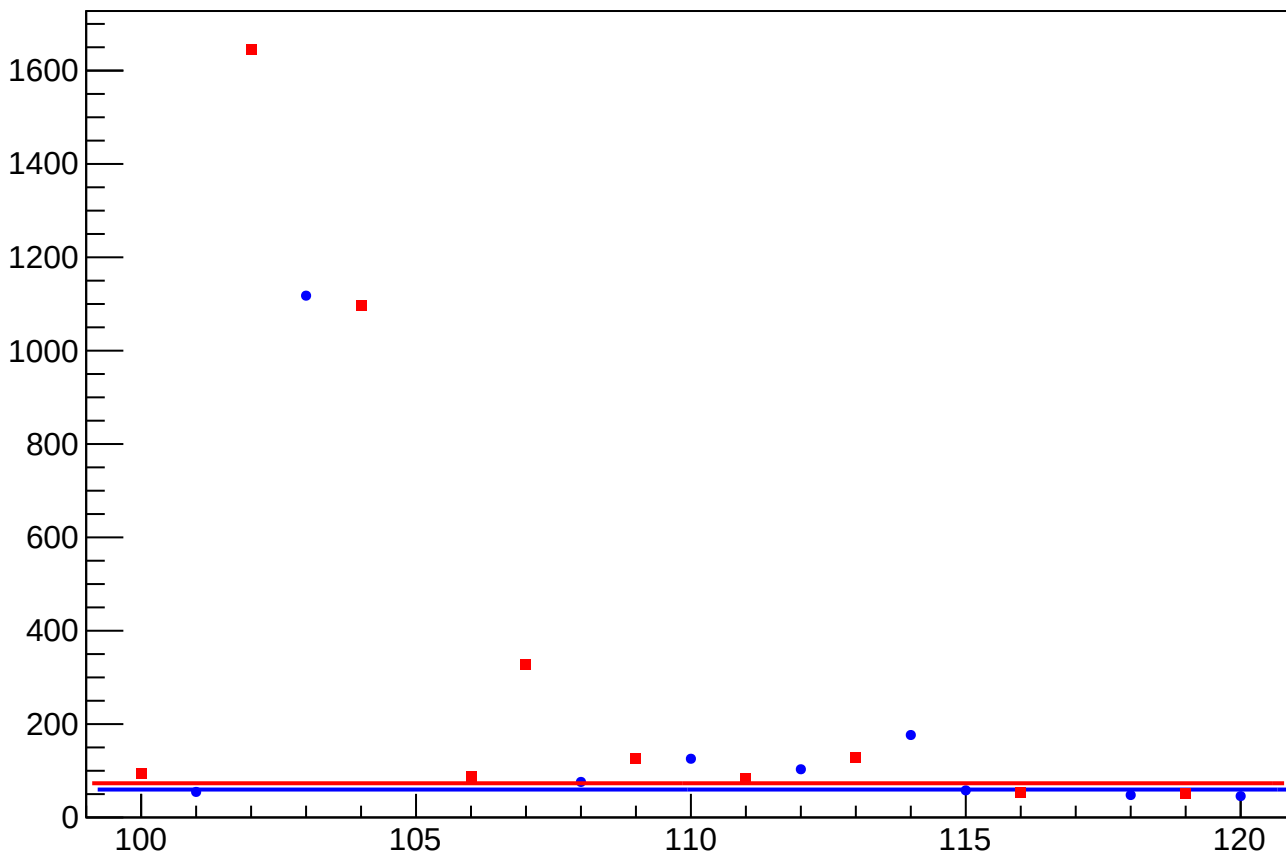
Right: 0.013+/-0.031 χ^2/NDF : 17.7/18

In: 0.045+/-0.039 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.031 χ^2/NDF : 17.7/18

asym_atl1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.777+/-0.028 χ^2/NDF : 1651897.4/8

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

Right Out: 73.247+/-0.035 χ^2/NDF : 2518686.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

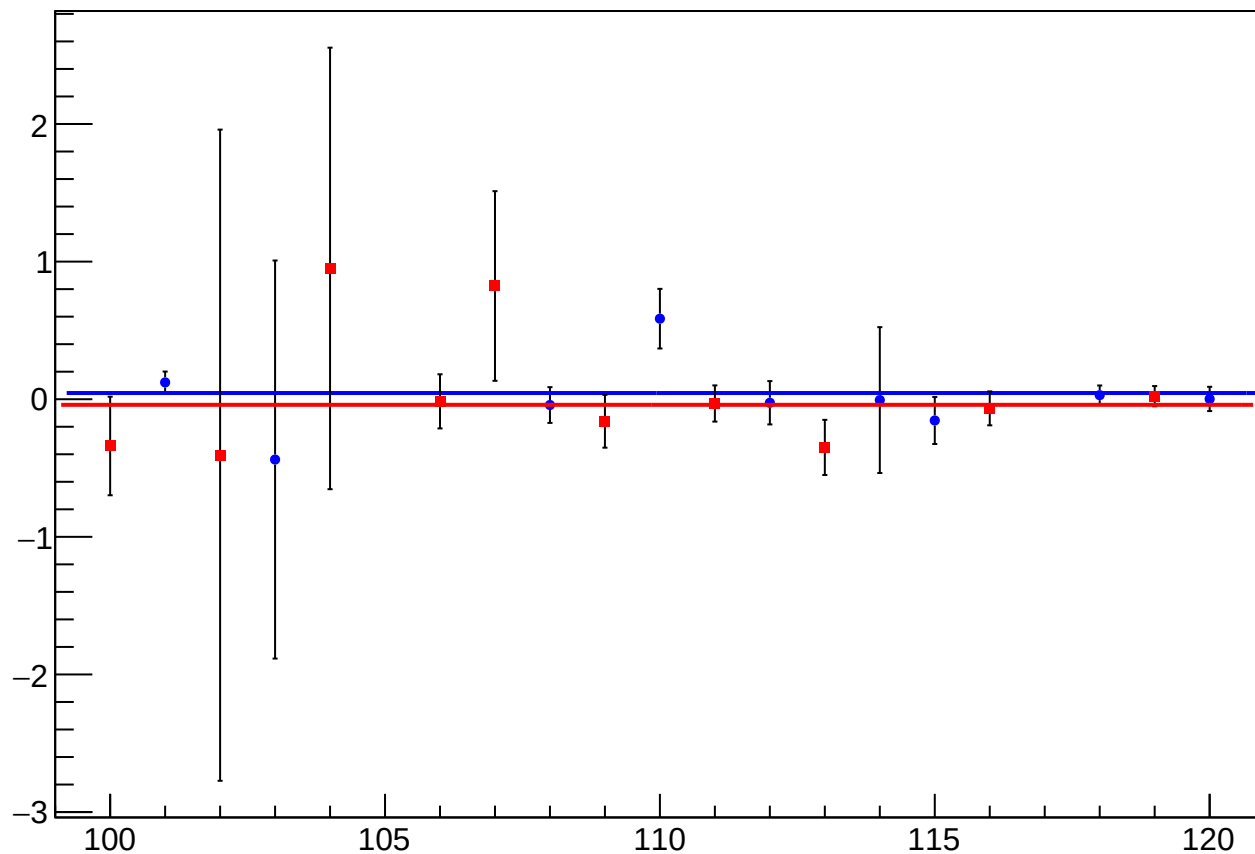
Right: 64.882+/-0.022 χ^2/NDF : 4260120.8/18

In: 59.777+/-0.028 χ^2/NDF : 1651897.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.882+/-0.022 χ^2/NDF : 4260120.8/18

asym_atl1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.045+/-0.039 χ^2/NDF : 9.6/8

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

Right Out: -0.041+/-0.050 χ^2/NDF : 6.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

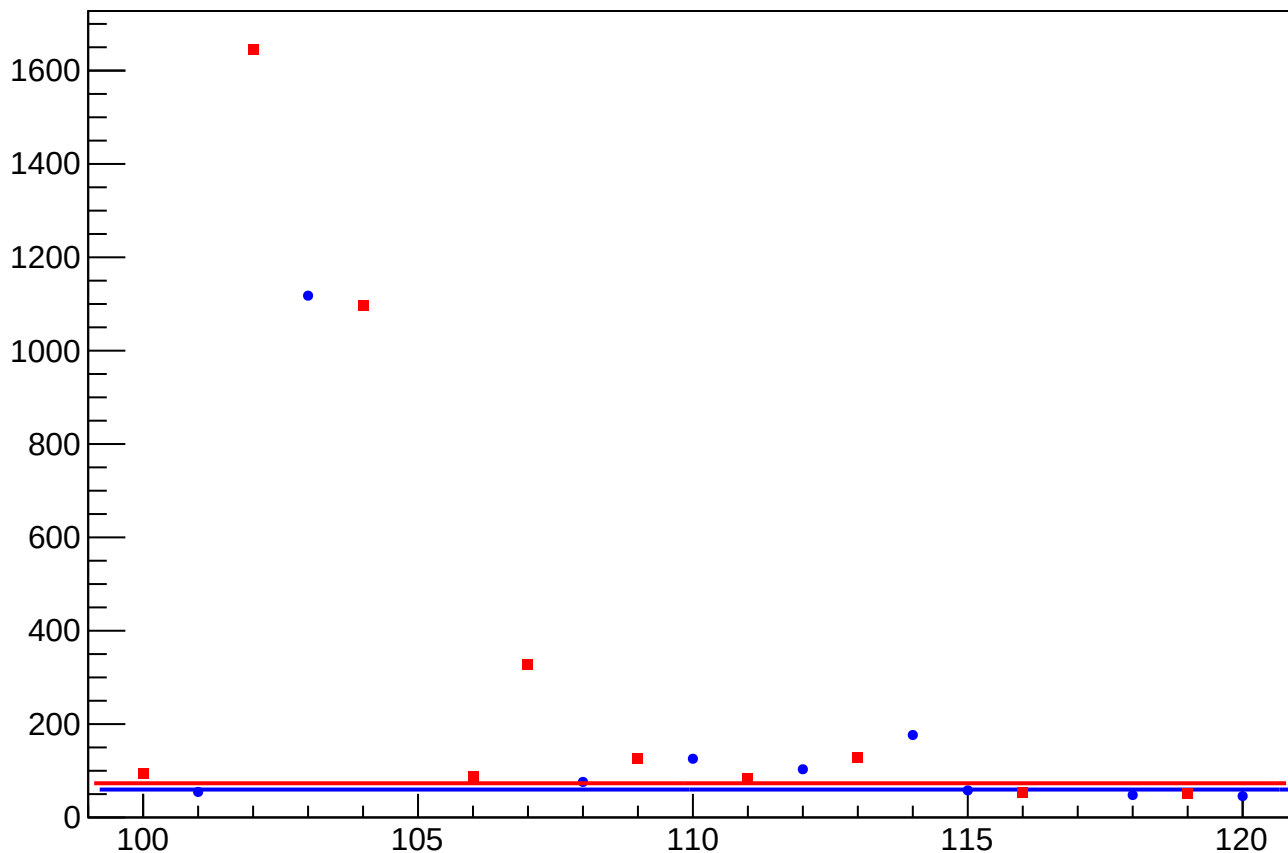
Right: 0.013+/-0.031 χ^2/NDF : 17.7/18

In: 0.045+/-0.039 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.031 χ^2/NDF : 17.7/18

asym_atl1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.777+/-0.028 χ^2/NDF : 1651897.4/8

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

Right Out: 73.247+/-0.035 χ^2/NDF : 2518686.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

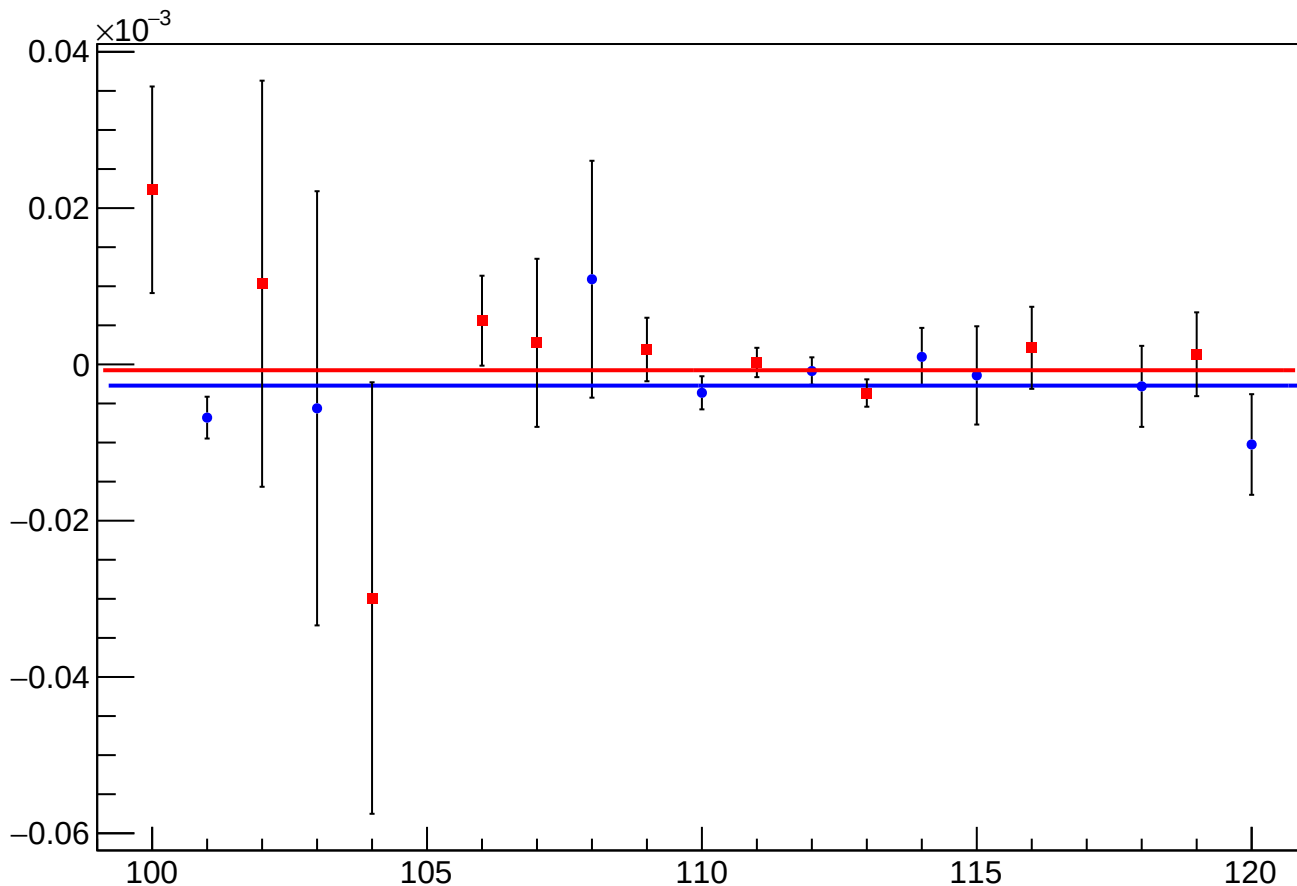
Right: 64.882+/-0.022 χ^2/NDF : 4260120.8/18

In: 59.777+/-0.028 χ^2/NDF : 1651897.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.882+/-0.022 χ^2/NDF : 4260120.8/18

asym_atl1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 6.9/8

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

Right Out: -0.000+/-0.000 χ^2 /NDF: 9.6/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

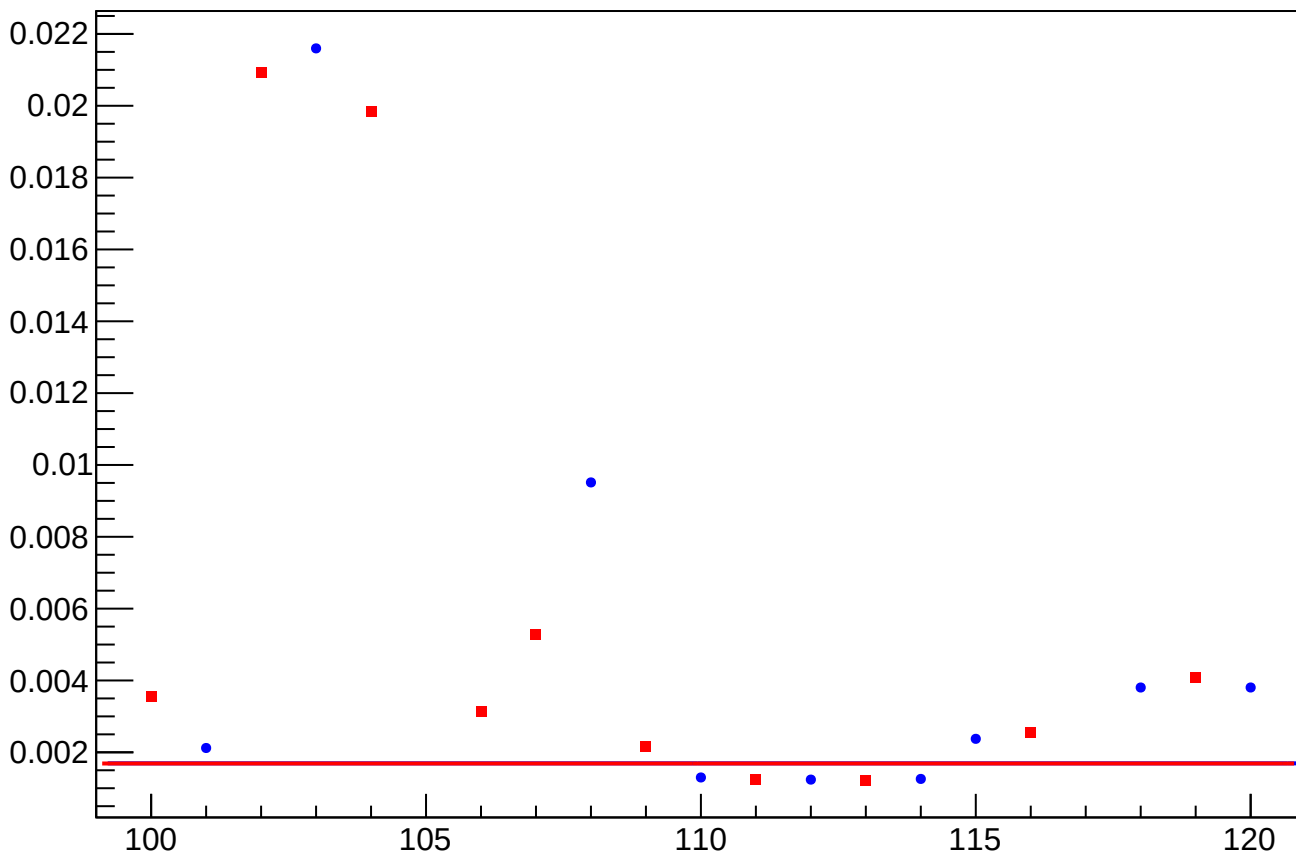
Right: -0.000+/-0.000 χ^2 /NDF: 18.1/18

In: -0.000+/-0.000 χ^2 /NDF:6.9/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 18.1/18

asym_atl1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2410273.5/8

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

Right Out: 0.002+/-0.000 χ^2/NDF : 3082715.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

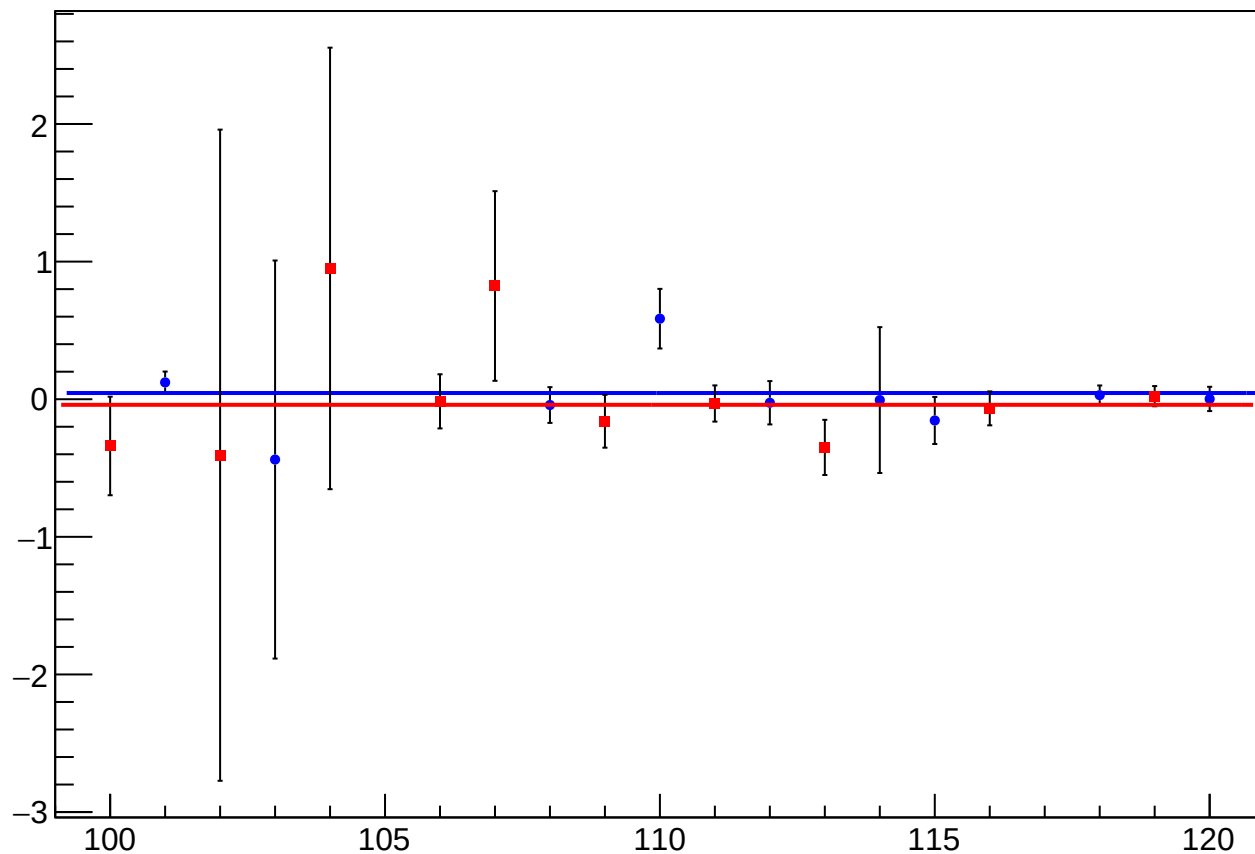
Right: 0.002+/-0.000 χ^2/NDF : 5493003.5/18

In: 0.002+/-0.000 χ^2/NDF : 2410273.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5493003.5/18

asym_atl1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.045+/-0.039 χ^2/NDF : 9.6/8

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

Right Out: -0.041+/-0.050 χ^2/NDF : 6.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

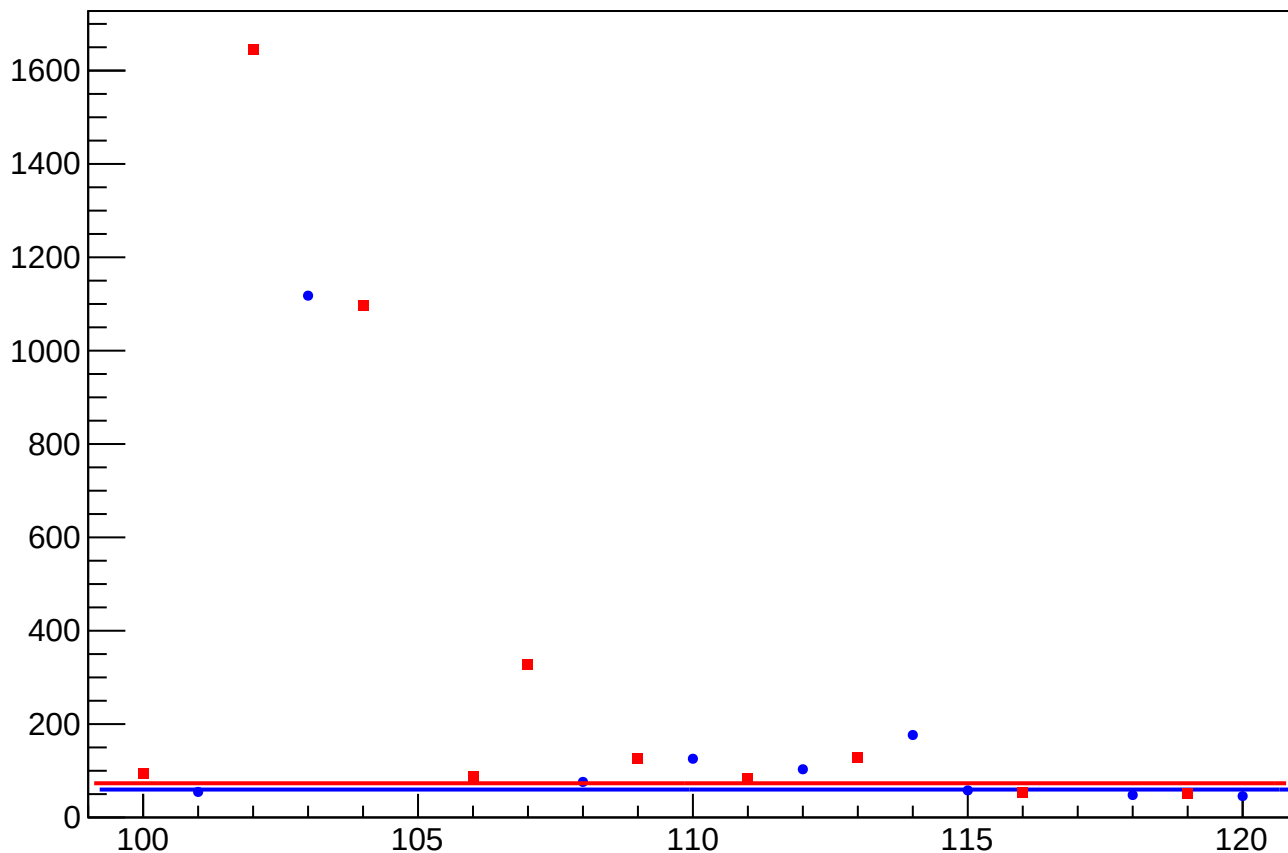
Right: 0.013+/-0.031 χ^2/NDF : 17.7/18

In: 0.045+/-0.039 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.031 χ^2/NDF : 17.7/18

asym_atl1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.776+/-0.028 χ^2/NDF : 1651956.2/8

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

Right Out: 73.245+/-0.035 χ^2/NDF : 2518710.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

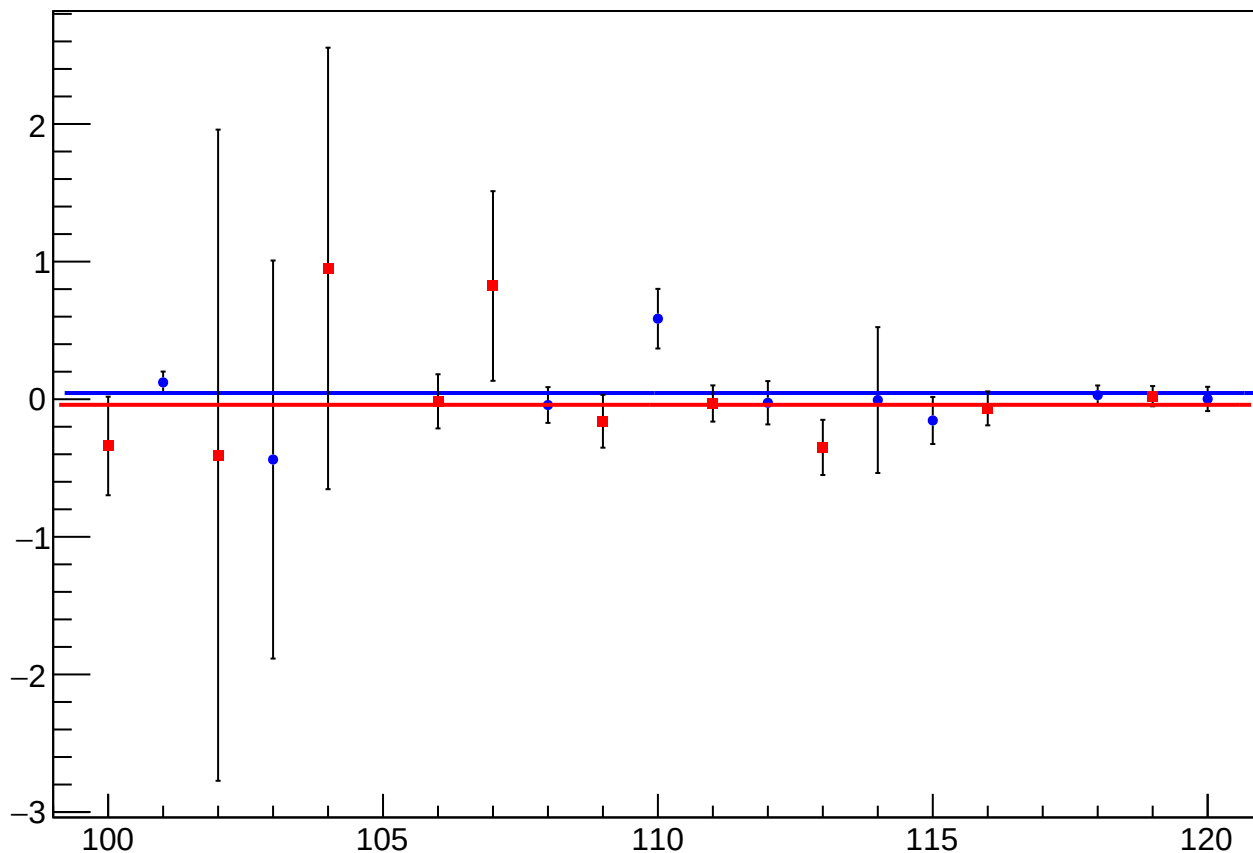
Right: 64.881+/-0.022 χ^2/NDF : 4260206.9/18

In: 59.776+/-0.028 χ^2/NDF : 1651956.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.881+/-0.022 χ^2/NDF : 4260206.9/18

asym_atl1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.045+/-0.039 χ^2/NDF : 9.6/8

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

Right Out: -0.041+/-0.050 χ^2/NDF : 6.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

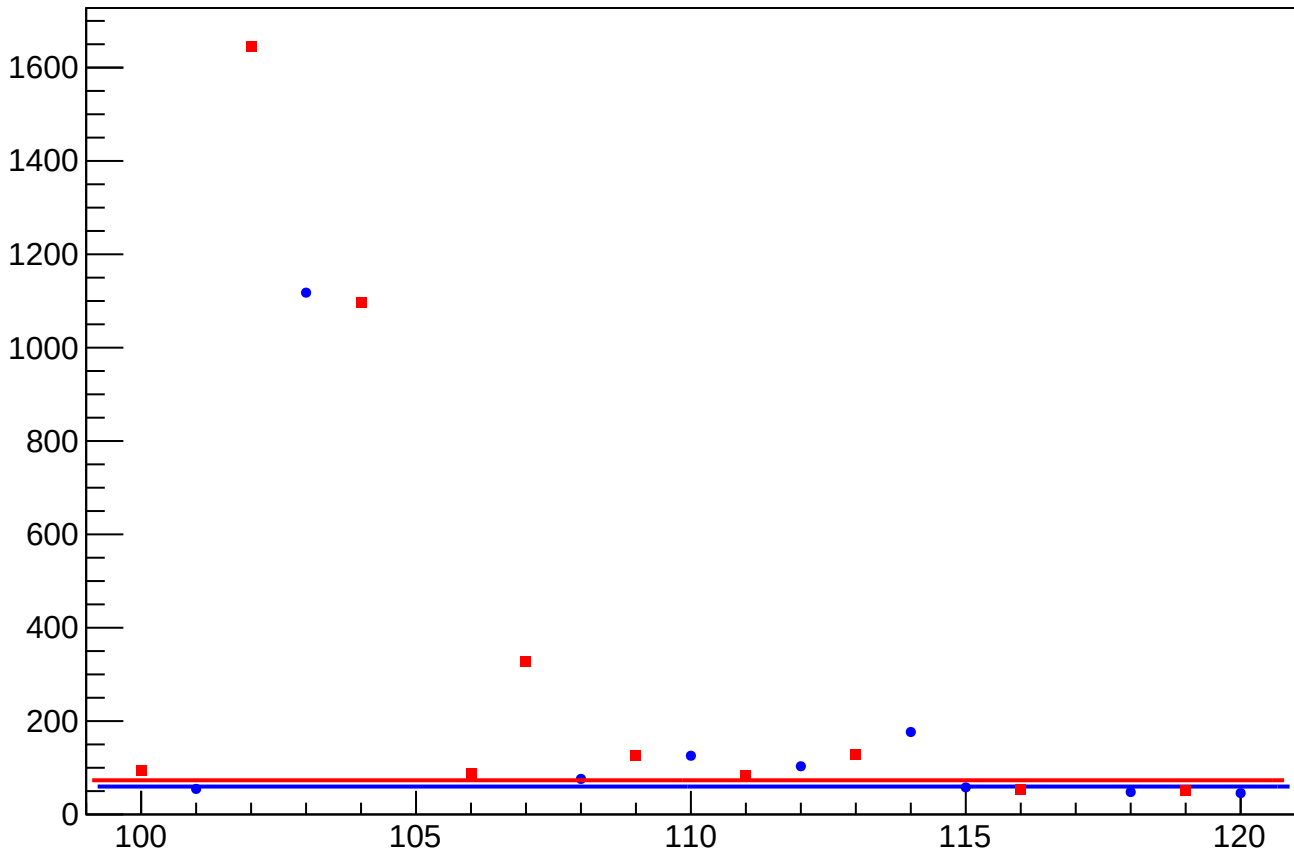
Right: 0.013+/-0.031 χ^2/NDF : 17.7/18

In: 0.045+/-0.039 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.031 χ^2/NDF : 17.7/18

asym_atl1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.776+/-0.028 χ^2/NDF : 1651956.2/8

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

Right Out: 73.245+/-0.035 χ^2/NDF : 2518710.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

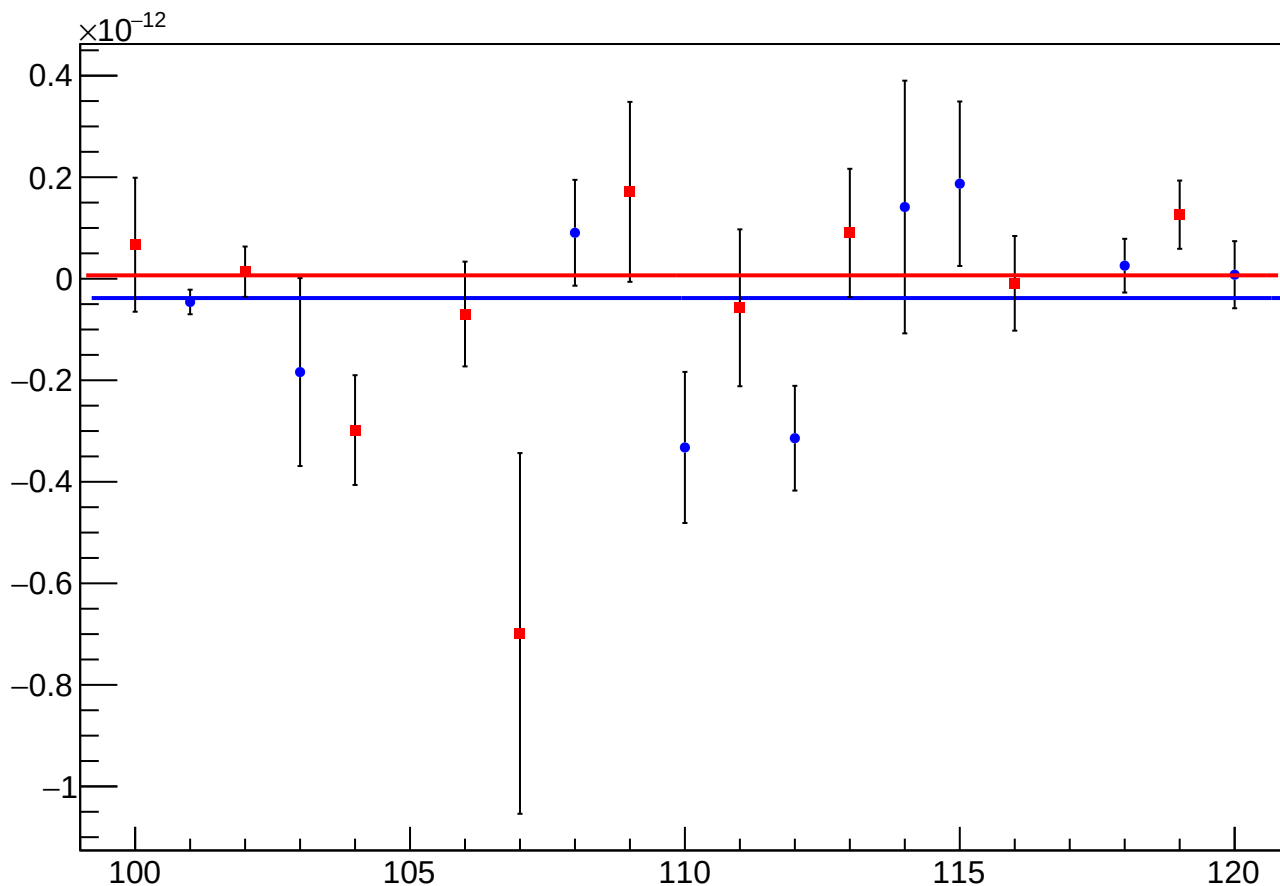
Right: 64.881+/-0.022 χ^2/NDF : 4260206.9/18

In: 59.776+/-0.028 χ^2/NDF : 1651956.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.881+/-0.022 χ^2/NDF : 4260206.9/18

asym_atl1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 17.7/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 17.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

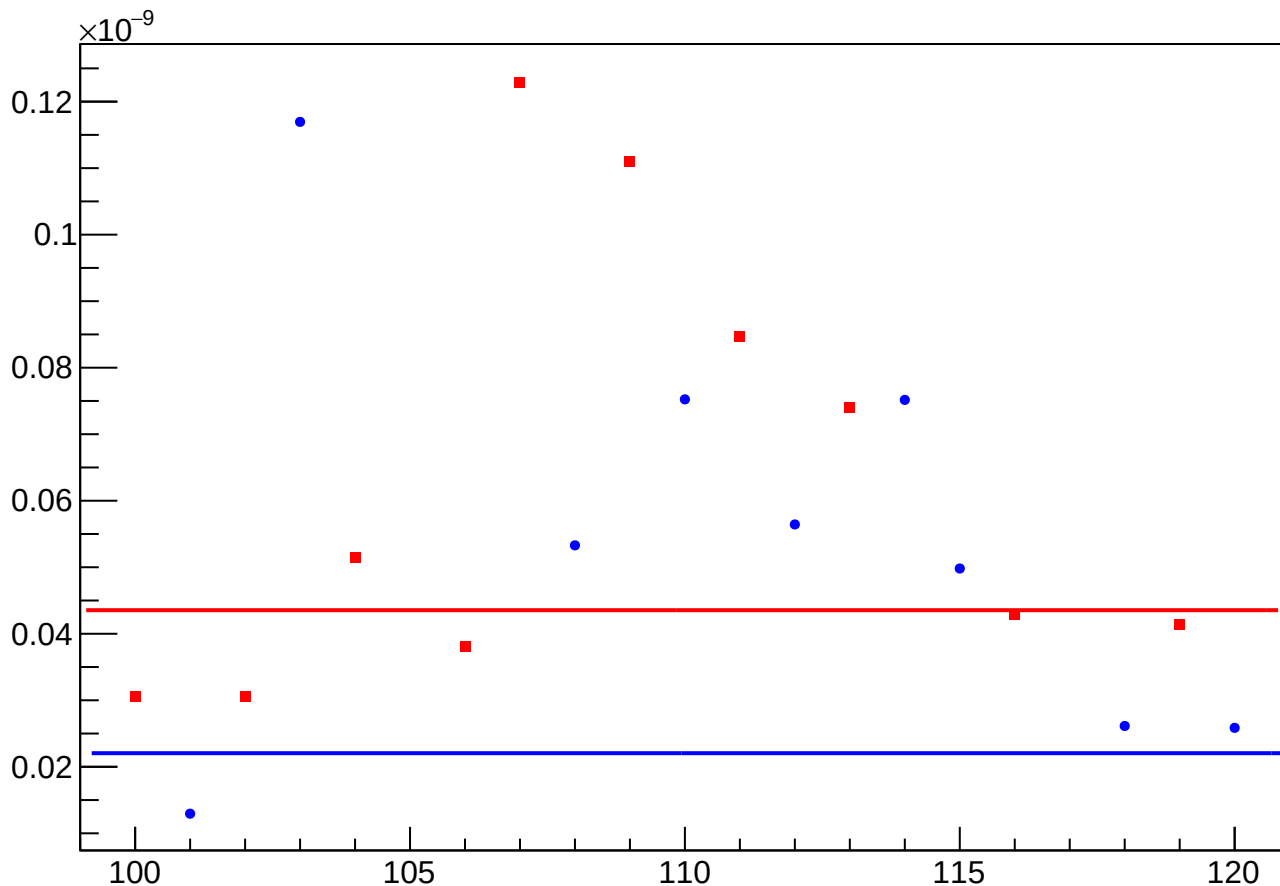
Right: -0.000+/-0.000 χ^2/NDF : 36.6/18

In: -0.000+/-0.000 χ^2/NDF : 17.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 36.6/18

asym_atl1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1633880.3/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 822590.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

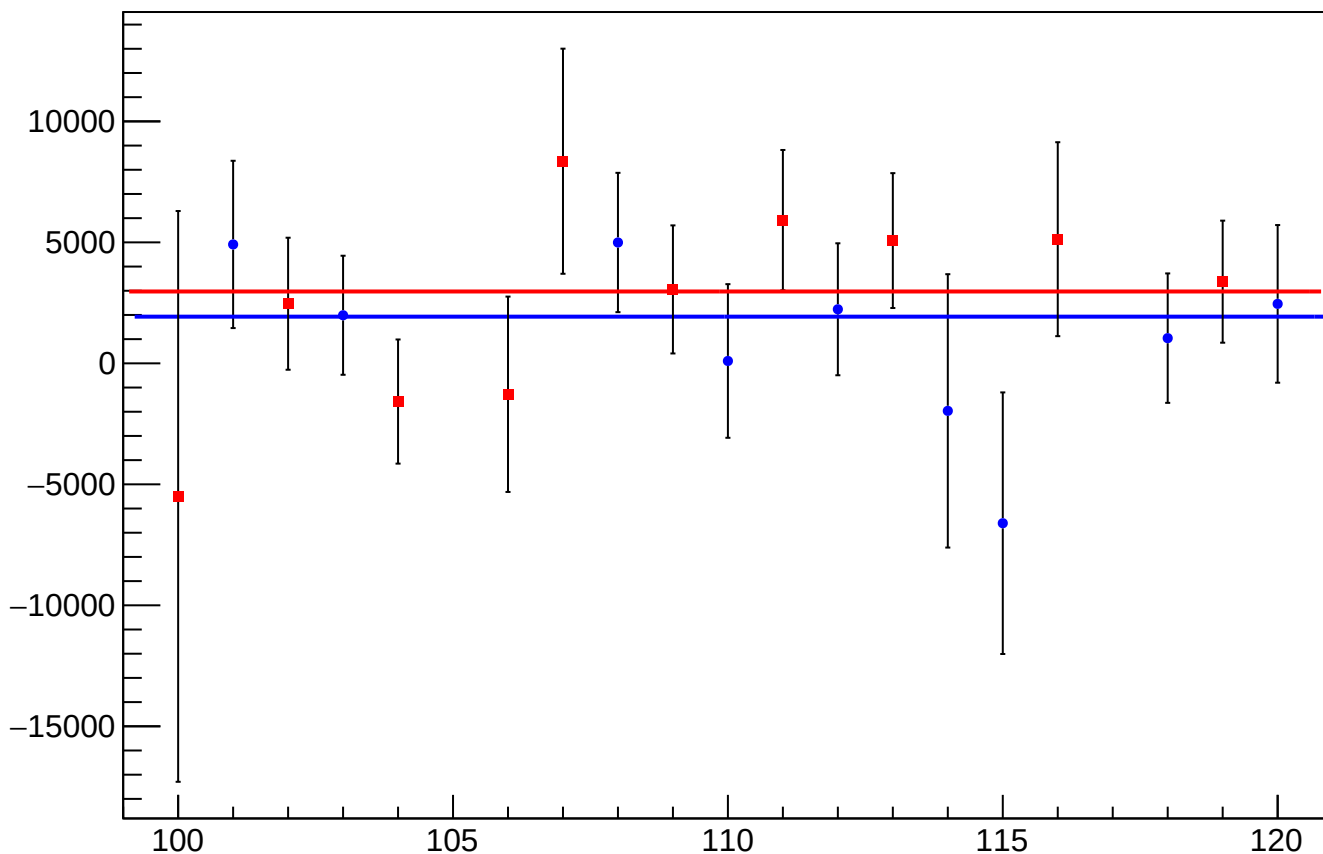
Right: 0.000+/-0.000 χ^2/NDF : 3182939.6/18

In: 0.000+/-0.000 χ^2/NDF : 1633880.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3182939.6/18

reg_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1929.620+/-1052.403 χ^2/NDF : 5.3/8

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

Right Out: 2969.959+/-994.504 χ^2/NDF : 8.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

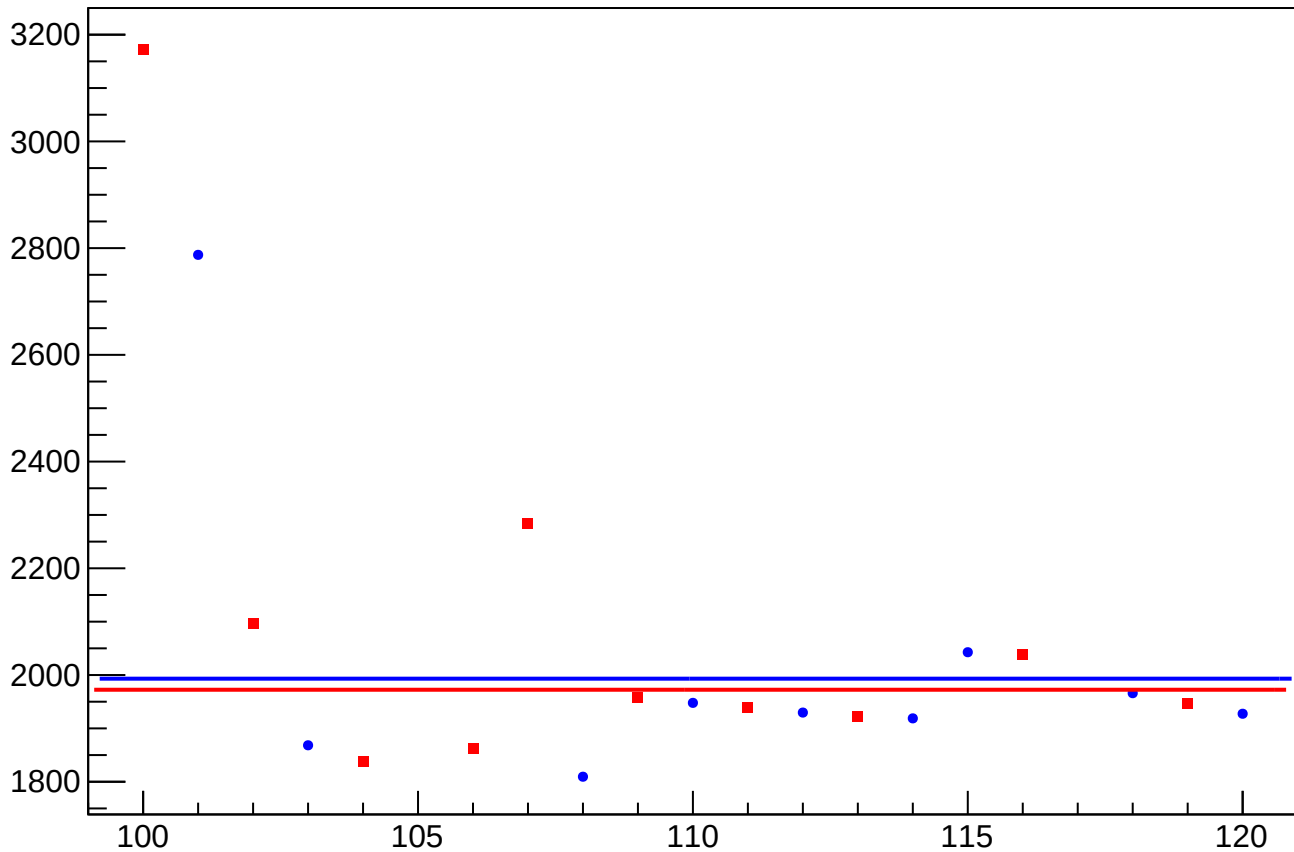
Right: 2479.193+/-722.823 χ^2/NDF : 13.9/18

In: 1929.620+/-1052.403 χ^2/NDF : 5.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2479.193+/-722.823 χ^2/NDF : 13.9/18

reg_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1993.169+/-0.744 χ^2/NDF : 121906.2/8

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

Right Out: 1972.421+/-0.703 χ^2/NDF : 42479.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

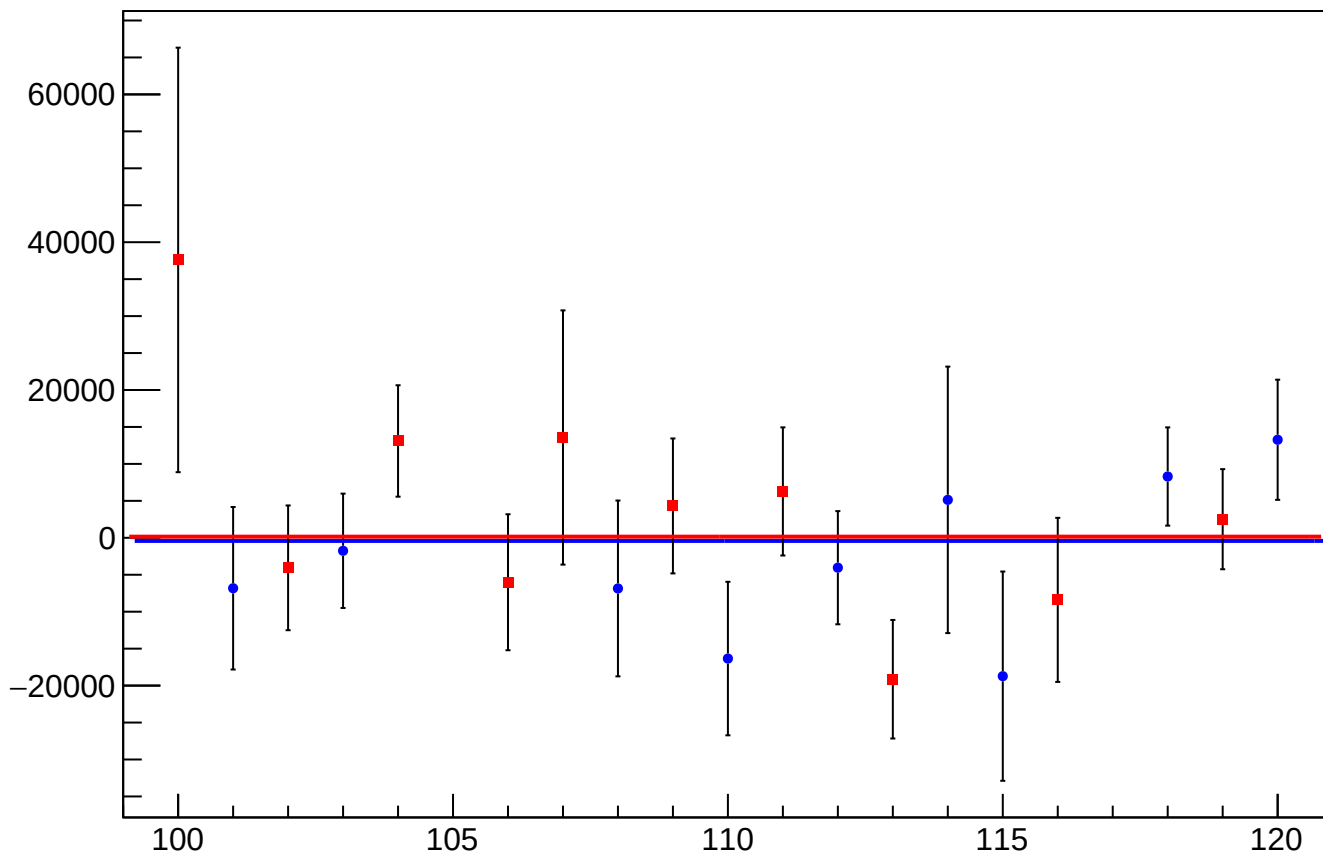
Right: 1982.209+/-0.511 χ^2/NDF : 164796.8/18

In: 1993.169+/-0.744 χ^2/NDF : 121906.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1982.209+/-0.511 χ^2/NDF : 164796.8/18

asym_atl2_reg_correction_mean vs Slug, Sign Corrected



Right In: -420.887+/-3098.090 χ^2/NDF : 9.6/8

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

Right Out: 154.373+/-2901.575 χ^2/NDF : 13.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

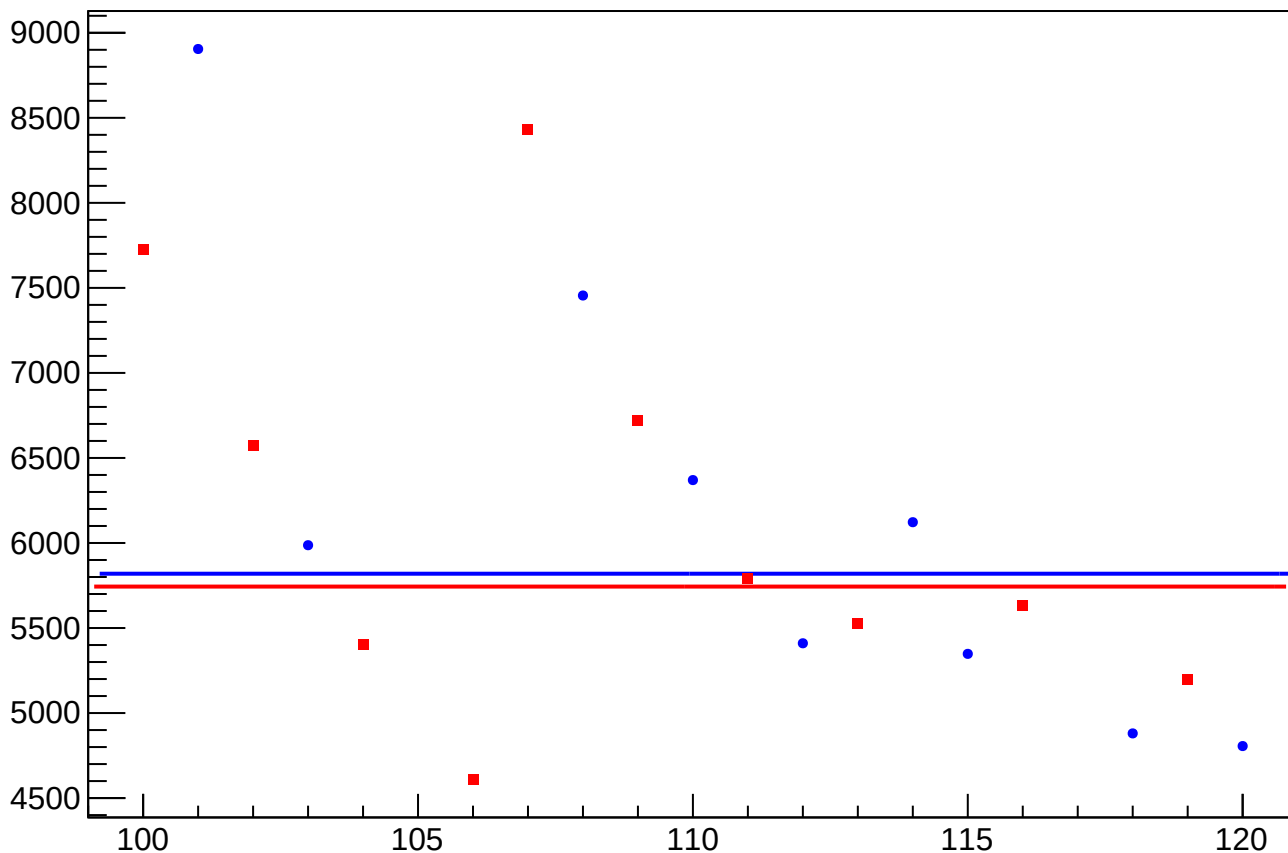
Right: -114.435+/-2117.790 χ^2/NDF : 22.7/18

In: -420.887+/-3098.090 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -114.435+/-2117.790 χ^2/NDF : 22.7/18

asym_atl2_reg_correction_rms vs Slug, Sign Corrected



Right In: 5819.306+/-2.191 χ^2 /NDF: 281327.8/8

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

Right Out: 5743.668+/-2.052 χ^2 /NDF: 149916.9/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

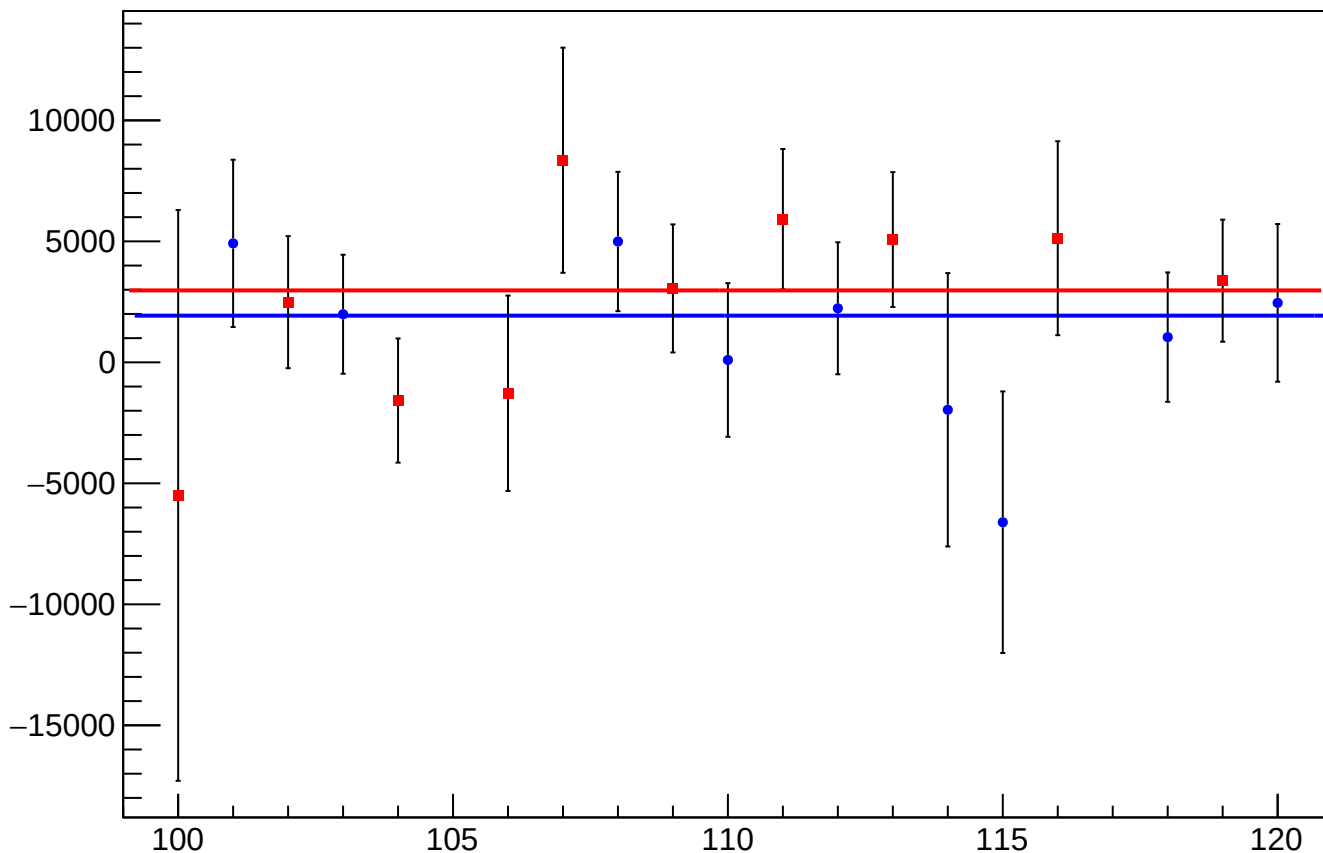
Right: 5779.012+/-1.498 χ^2 /NDF: 431879.8/18

In: 5819.306+/-2.191 χ^2 /NDF:281327.8/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 5779.012+/-1.498 χ^2 /NDF: 431879.8/18

cor_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1929.816+/-1052.403 χ^2/NDF : 5.3/8

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

Right Out: 2973.172+/-994.521 χ^2/NDF : 8.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

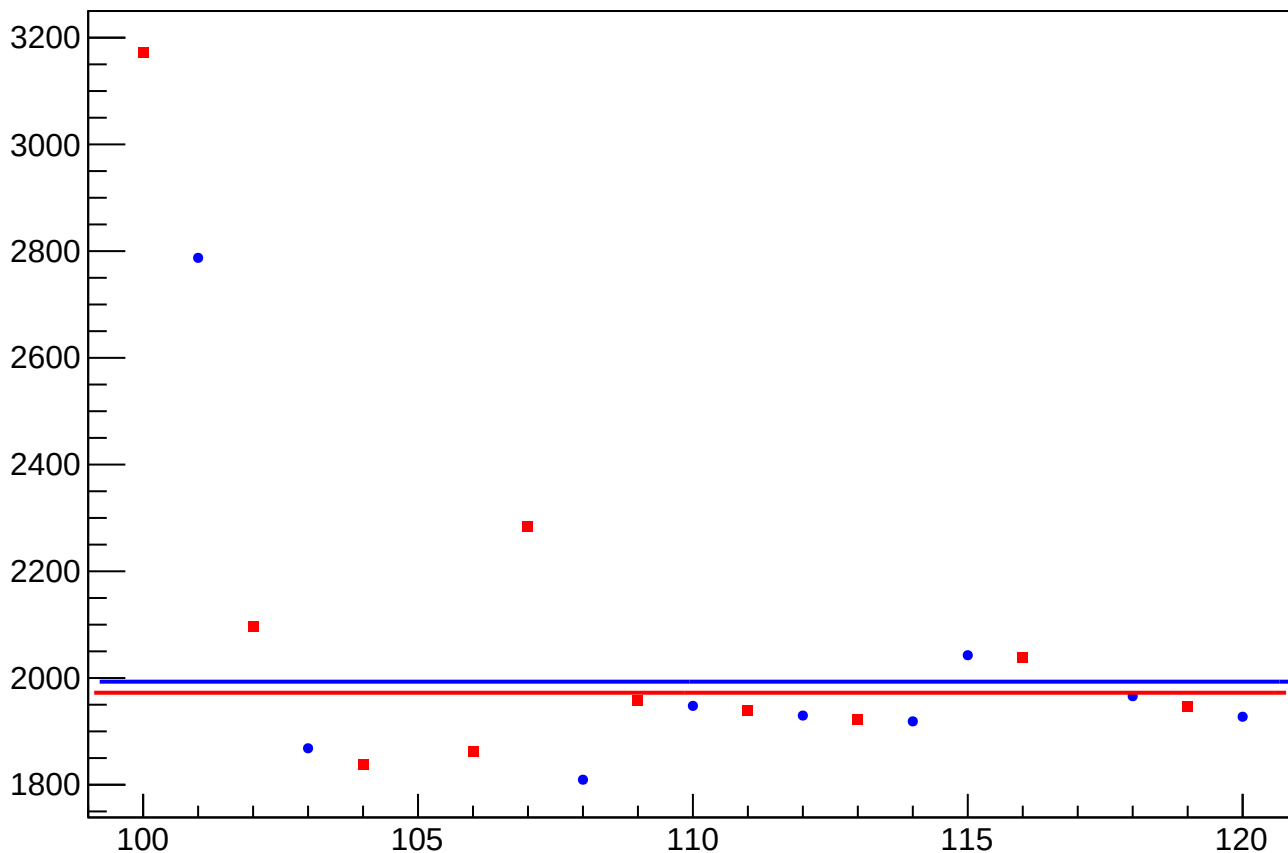
Right: 2480.973+/-722.829 χ^2/NDF : 13.9/18

In: 1929.816+/-1052.403 χ^2/NDF : 5.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2480.973+/-722.829 χ^2/NDF : 13.9/18

cor_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1993.169 $\pm$ 0.744 χ^2/NDF : 121906.0/8

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

Right Out: 1972.457 $\pm$ 0.703 χ^2/NDF : 42498.8/9

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

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

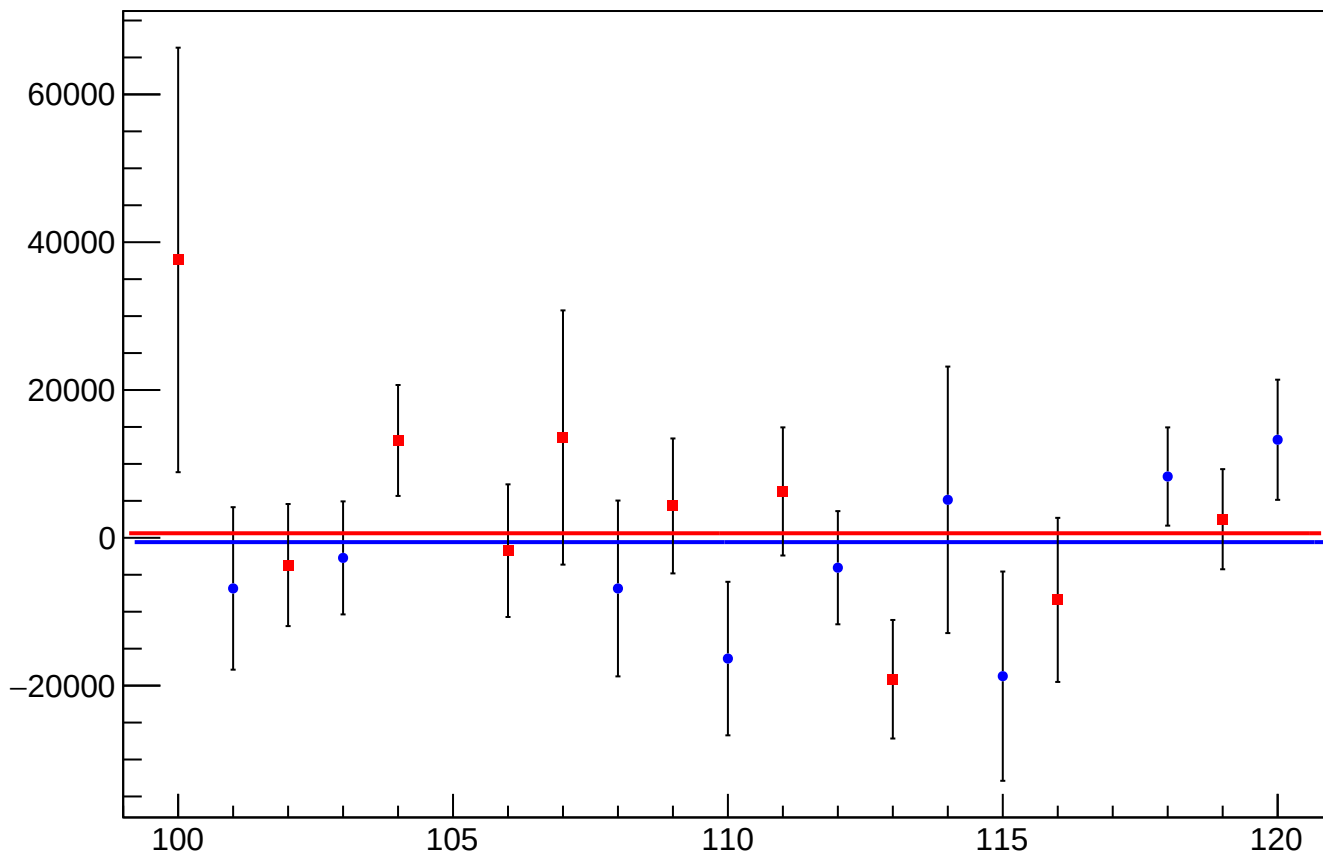
Right: 1982.227 $\pm$ 0.511 χ^2/NDF : 164814.0/18

In: 1993.169 $\pm$ 0.744 χ^2/NDF : 121906.0/8

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

All: 1982.227 $\pm$ 0.511 χ^2/NDF : 164814.0/18

asym_atl2_cor_correction_mean vs Slug, Sign Corrected



Right In: -584.283+/-3092.185 χ^2/NDF : 9.6/8

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

Right Out: 616.501+/-2884.825 χ^2/NDF : 12.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

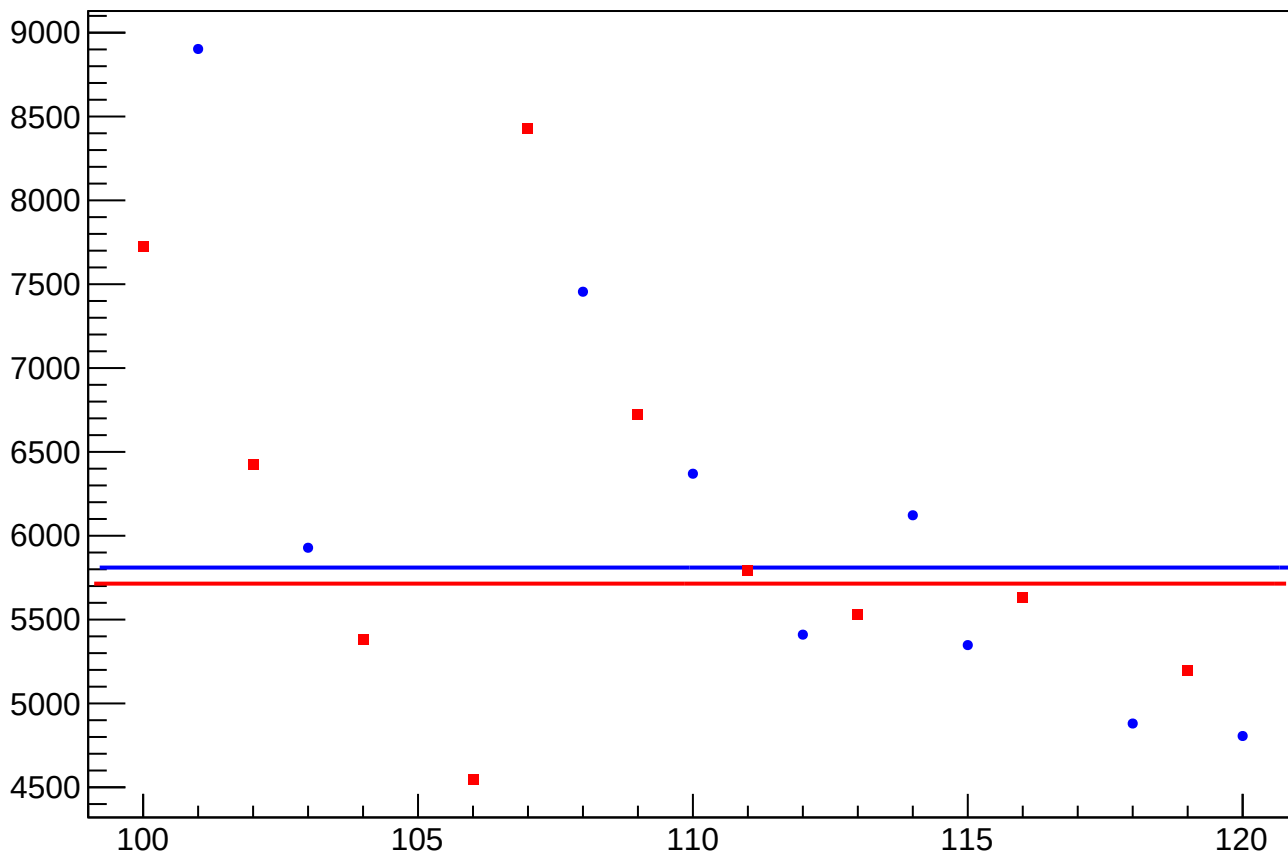
Right: 57.717+/-2109.380 χ^2/NDF : 22.5/18

In: -584.283+/-3092.185 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.717+/-2109.380 χ^2/NDF : 22.5/18

asym_atl2_cor_correction_rms vs Slug, Sign Corrected



Right In: 5810.309+/-2.187 χ^2/NDF : 280646.4/8

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

Right Out: 5714.445+/-2.040 χ^2/NDF : 149765.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

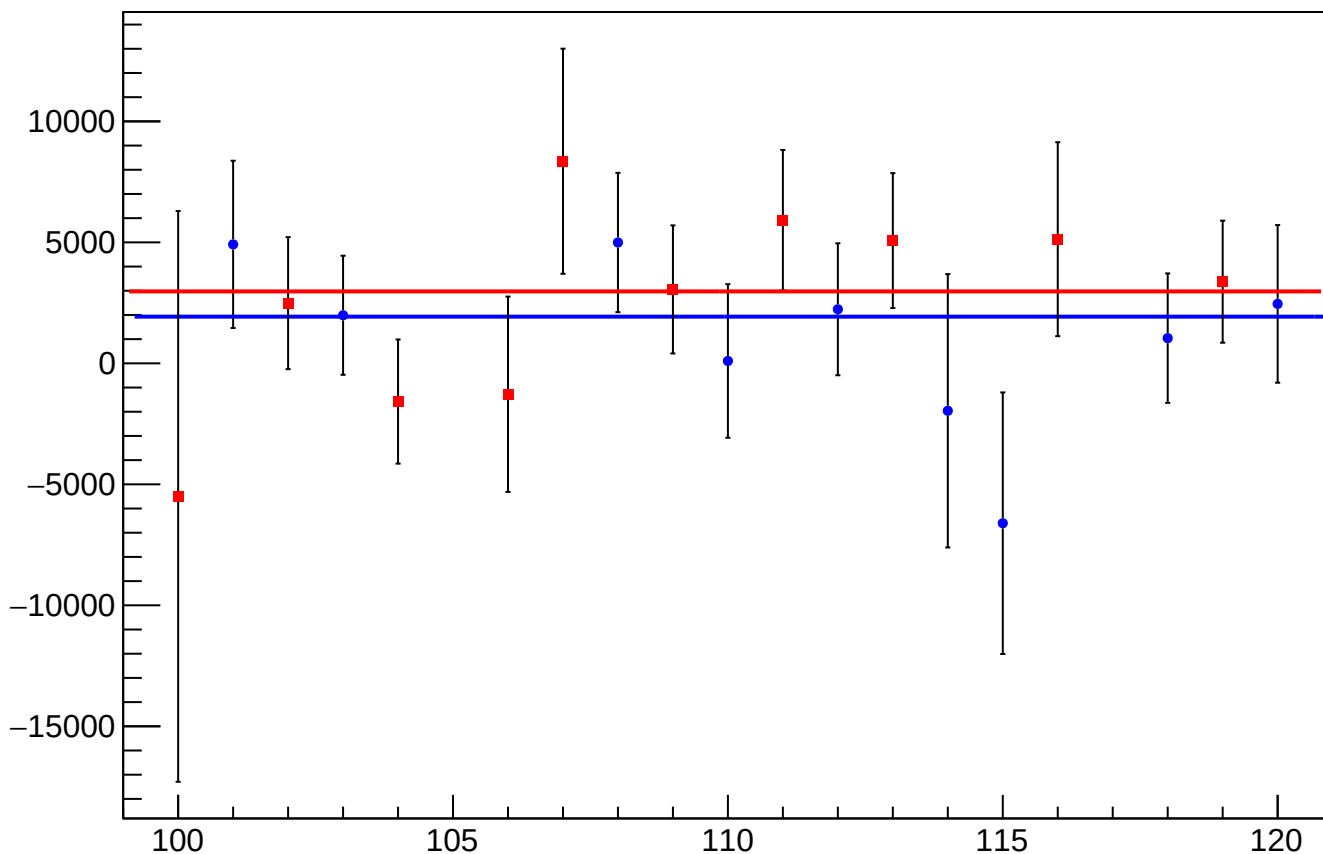
Right: 5759.056+/-1.492 χ^2/NDF : 431439.2/18

In: 5810.309+/-2.187 χ^2/NDF : 280646.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5759.056+/-1.492 χ^2/NDF : 431439.2/18

eigen_cor_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1929.816+/-1052.403 χ^2/NDF : 5.3/8

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

Right Out: 2973.172+/-994.521 χ^2/NDF : 8.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

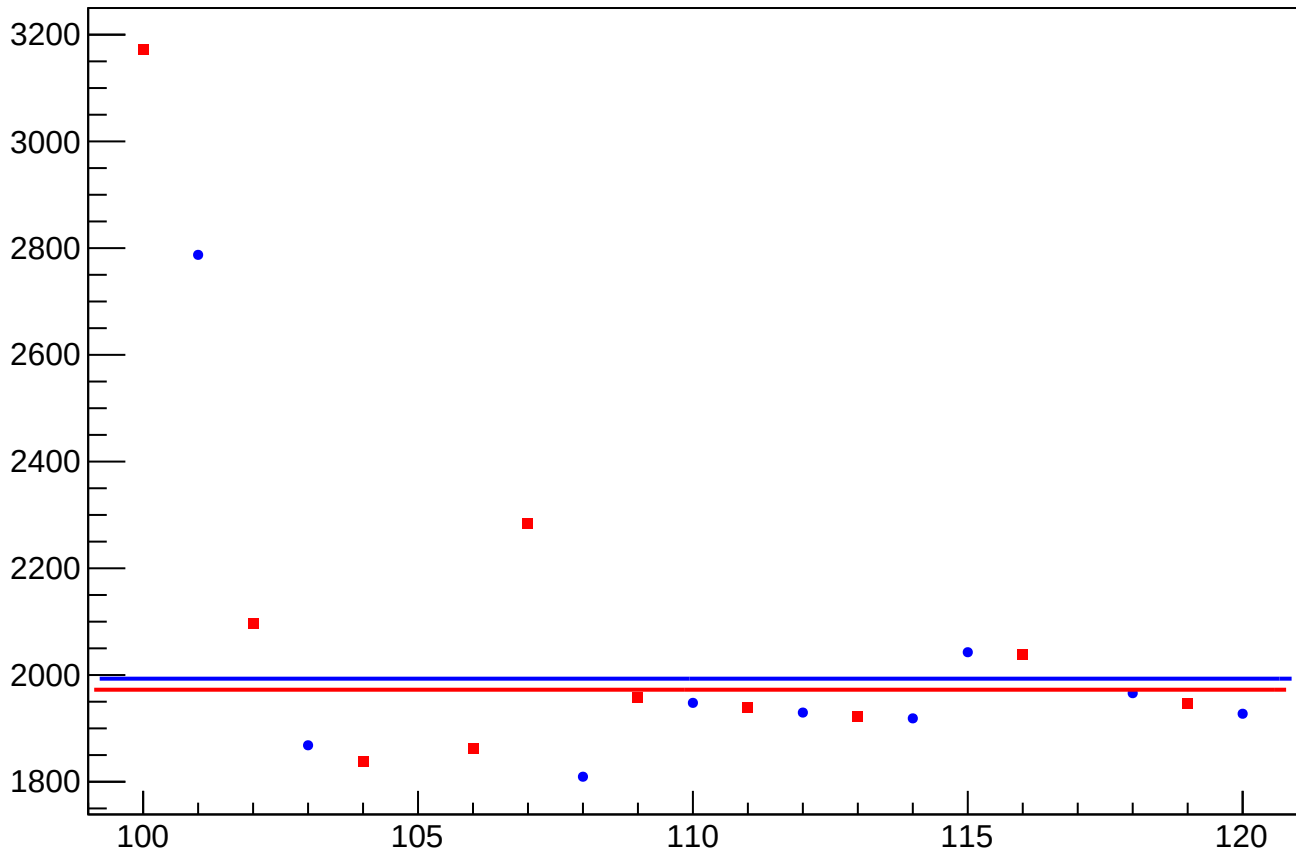
Right: 2480.973+/-722.829 χ^2/NDF : 13.9/18

In: 1929.816+/-1052.403 χ^2/NDF : 5.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2480.973+/-722.829 χ^2/NDF : 13.9/18

eigen_cor_asym_atl2_rms vs Slug, Sign Corrected



Right In: 1993.169+/-0.744 χ^2/NDF : 121906.0/8

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

Right Out: 1972.457+/-0.703 χ^2/NDF : 42498.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

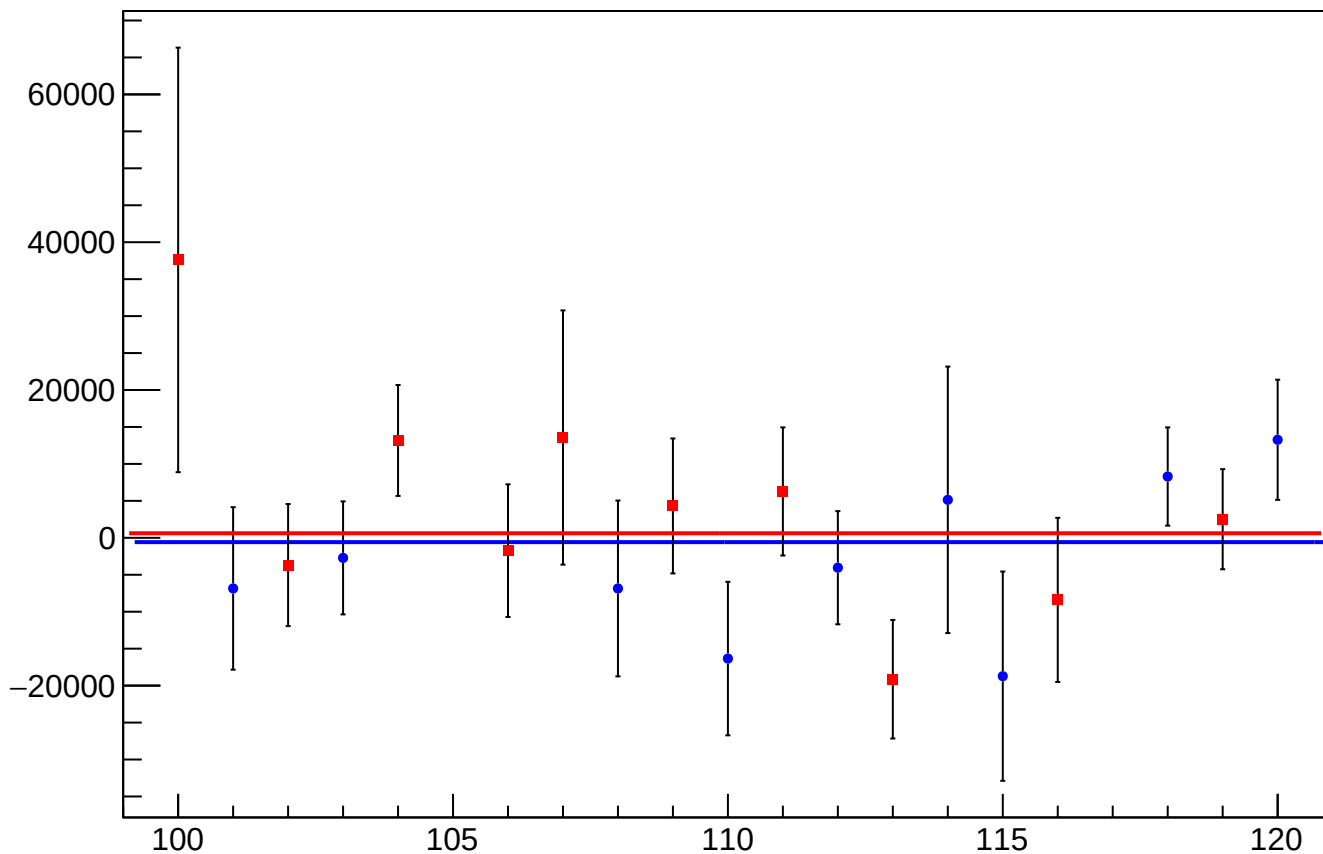
Right: 1982.227+/-0.511 χ^2/NDF : 164814.0/18

In: 1993.169+/-0.744 χ^2/NDF : 121906.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1982.227+/-0.511 χ^2/NDF : 164814.0/18

asym_atl2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -584.283+/-3092.185 χ^2/NDF : 9.6/8

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

Right Out: 616.501+/-2884.825 χ^2/NDF : 12.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

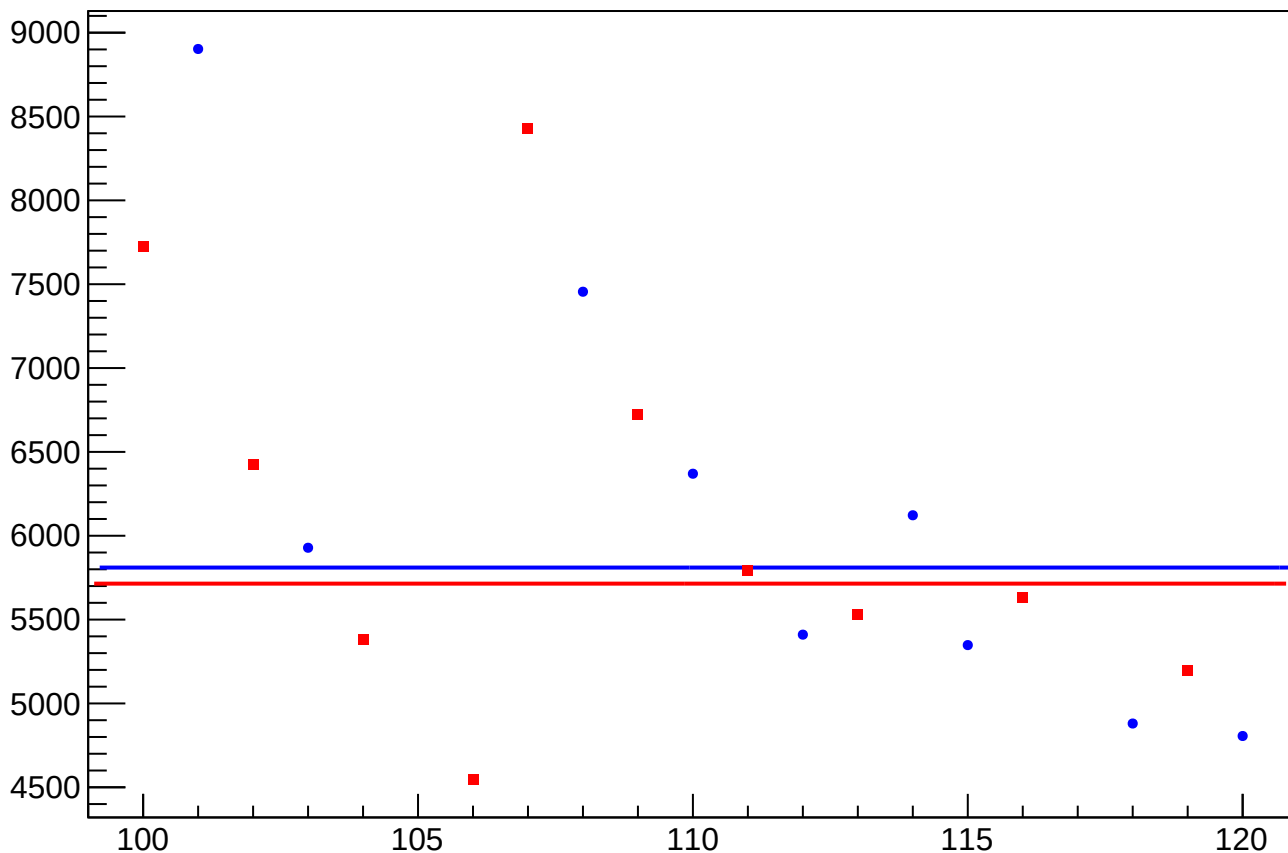
Right: 57.717+/-2109.380 χ^2/NDF : 22.5/18

In: -584.283+/-3092.185 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.717+/-2109.380 χ^2/NDF : 22.5/18

asym_atl2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 5810.309+/-2.187 χ^2/NDF : 280646.4/8

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

Right Out: 5714.445+/-2.040 χ^2/NDF : 149765.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

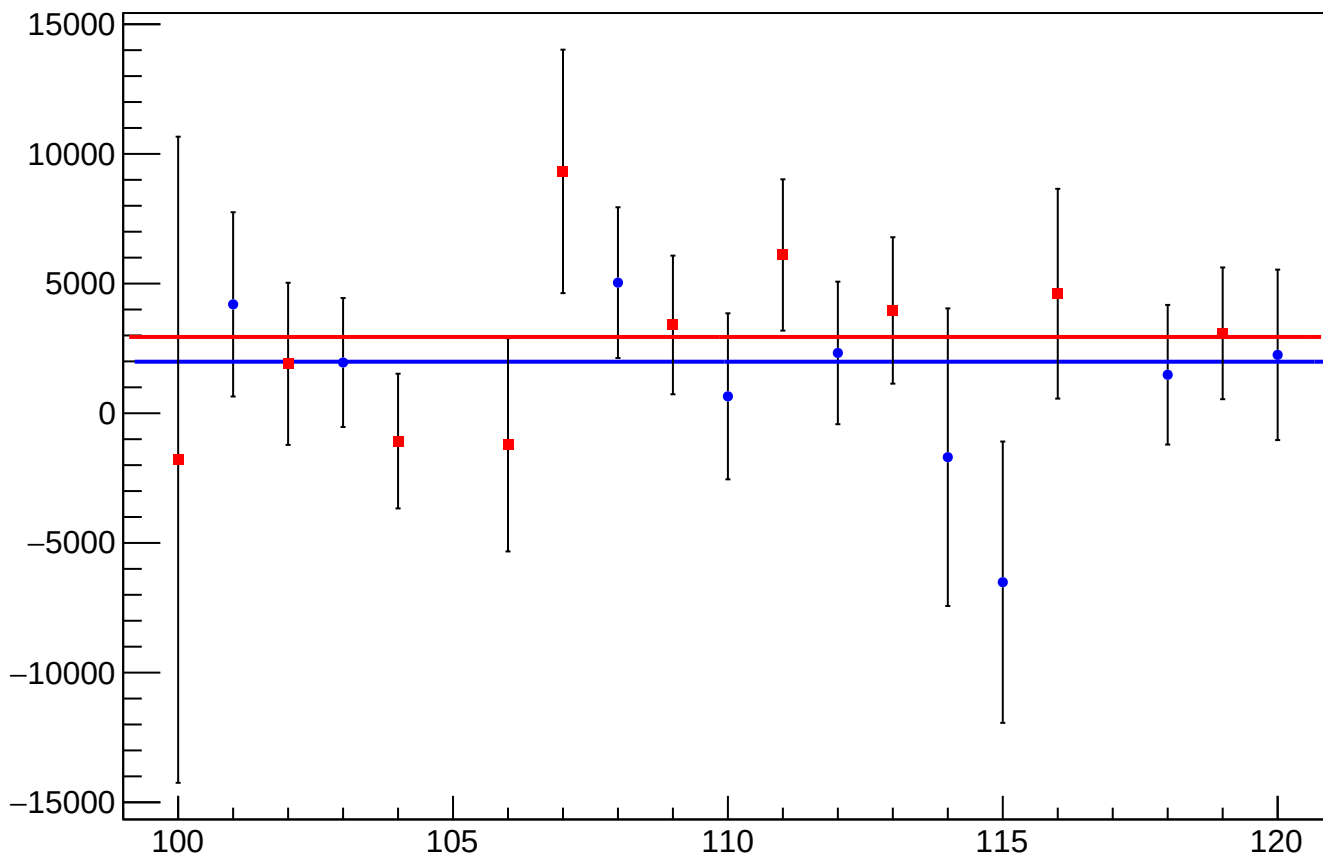
Right: 5759.056+/-1.492 χ^2/NDF : 431439.2/18

In: 5810.309+/-2.187 χ^2/NDF : 280646.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5759.056+/-1.492 χ^2/NDF : 431439.2/18

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1987.613+/-1063.328 χ^2/NDF : 4.6/8

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

Right Out: 2942.057+/-1020.097 χ^2/NDF : 7.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

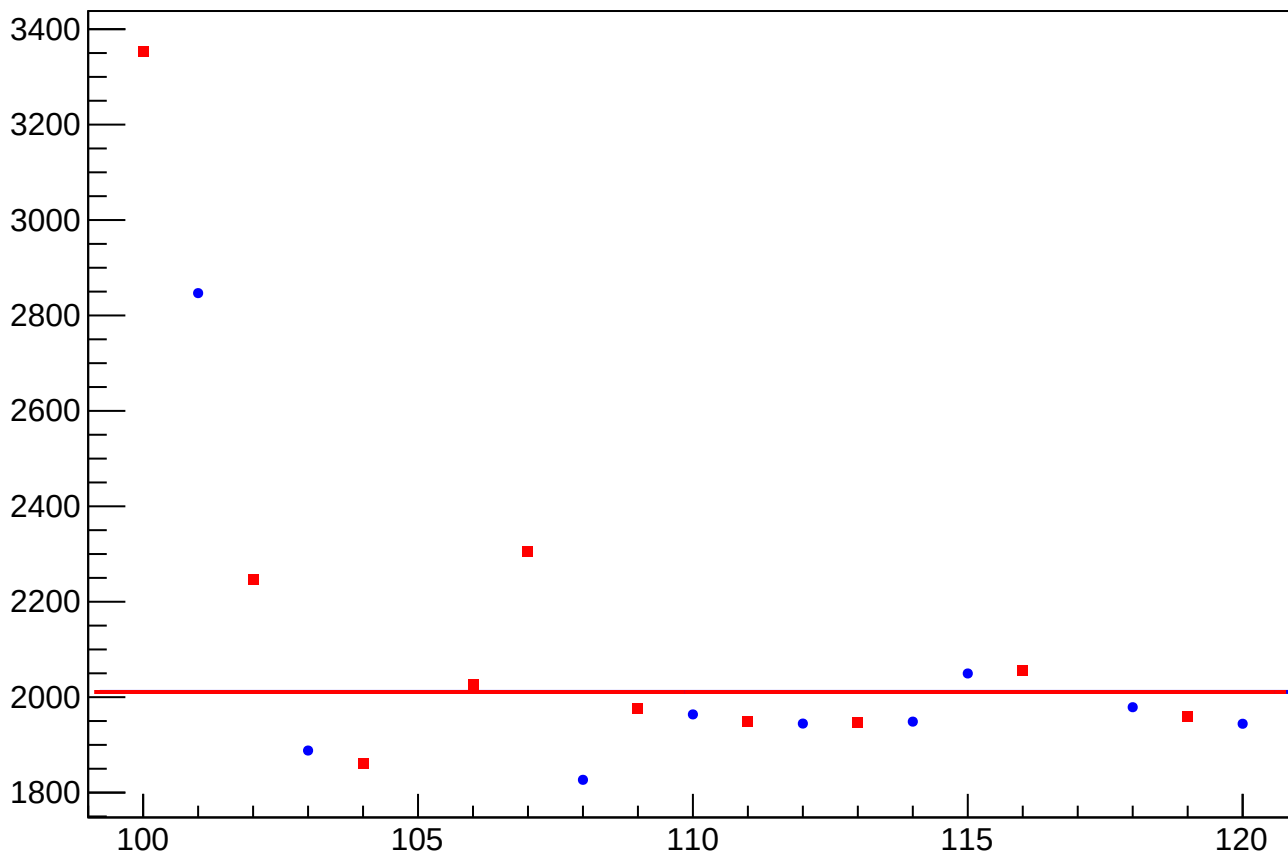
Right: 2484.632+/-736.126 χ^2/NDF : 12.0/18

In: 1987.613+/-1063.328 χ^2/NDF : 4.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2484.632+/-736.126 χ^2/NDF : 12.0/18

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2010.985+/-0.752 χ^2/NDF : 126683.9/8

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

Right Out: 2010.841+/-0.719 χ^2/NDF : 52459.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

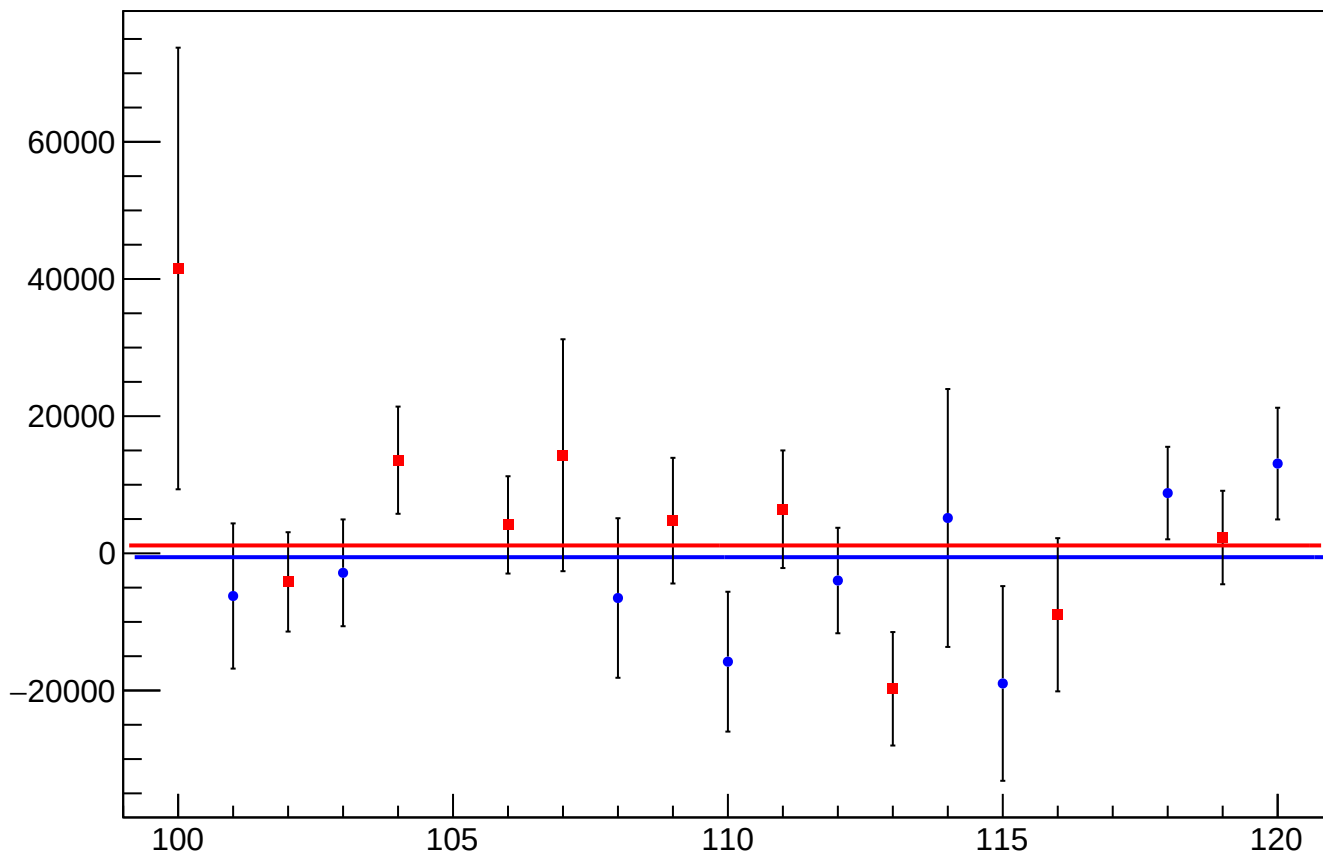
Right: 2010.910+/-0.520 χ^2/NDF : 179143.0/18

In: 2010.985+/-0.752 χ^2/NDF : 126683.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2010.910+/-0.520 χ^2/NDF : 179143.0/18

asym_atl2_dit_correction_mean vs Slug, Sign Corrected



Right In: -562.360+/-3098.039 χ^2/NDF : 9.6/8

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

Right Out: 1149.568+/-2779.646 χ^2/NDF : 13.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

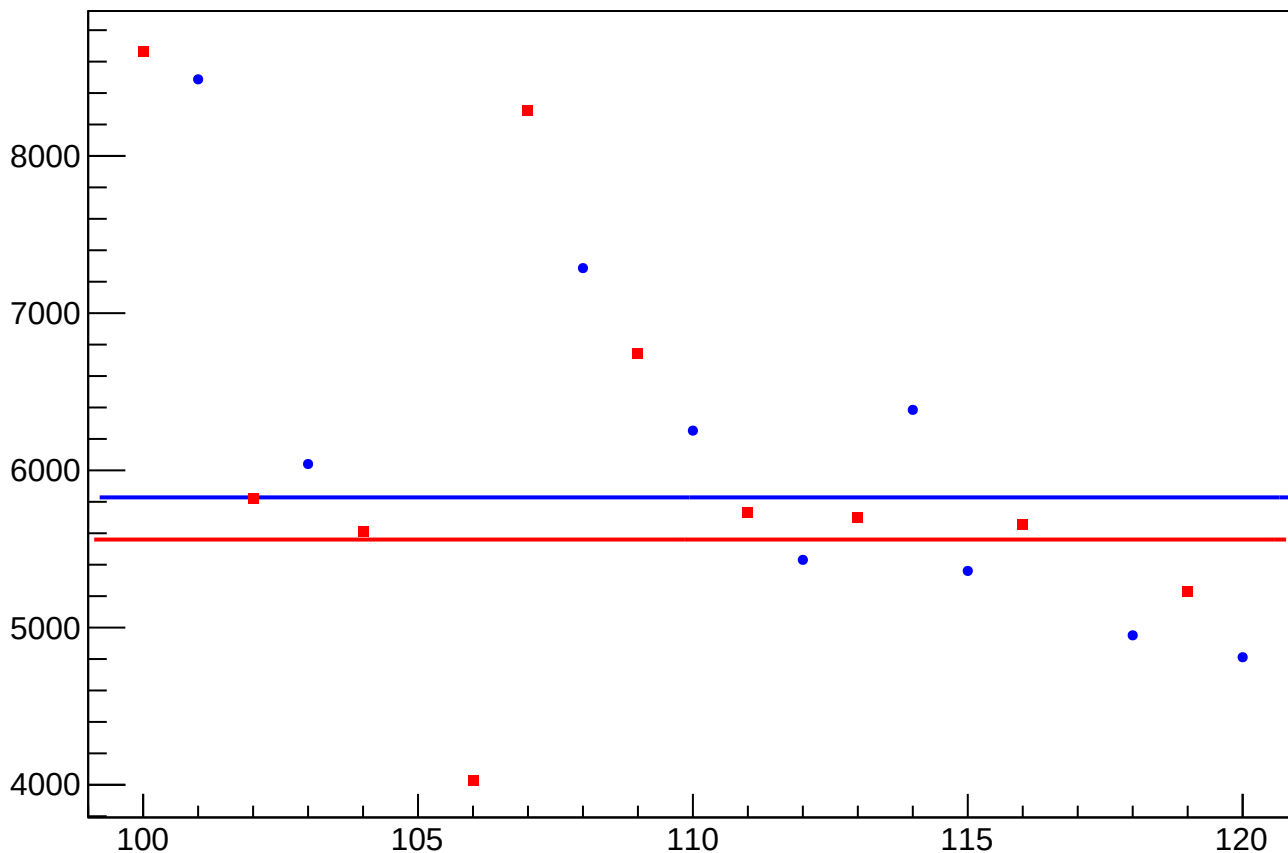
Right: 386.067+/-2068.944 χ^2/NDF : 22.9/18

In: -562.360+/-3098.039 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 386.067+/-2068.944 χ^2/NDF : 22.9/18

asym_atl2_dit_correction_rms vs Slug, Sign Corrected



Right In: 5828.187+/-2.191 χ^2/NDF : 236855.9/8

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

Right Out: 5559.970+/-1.966 χ^2/NDF : 205994.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

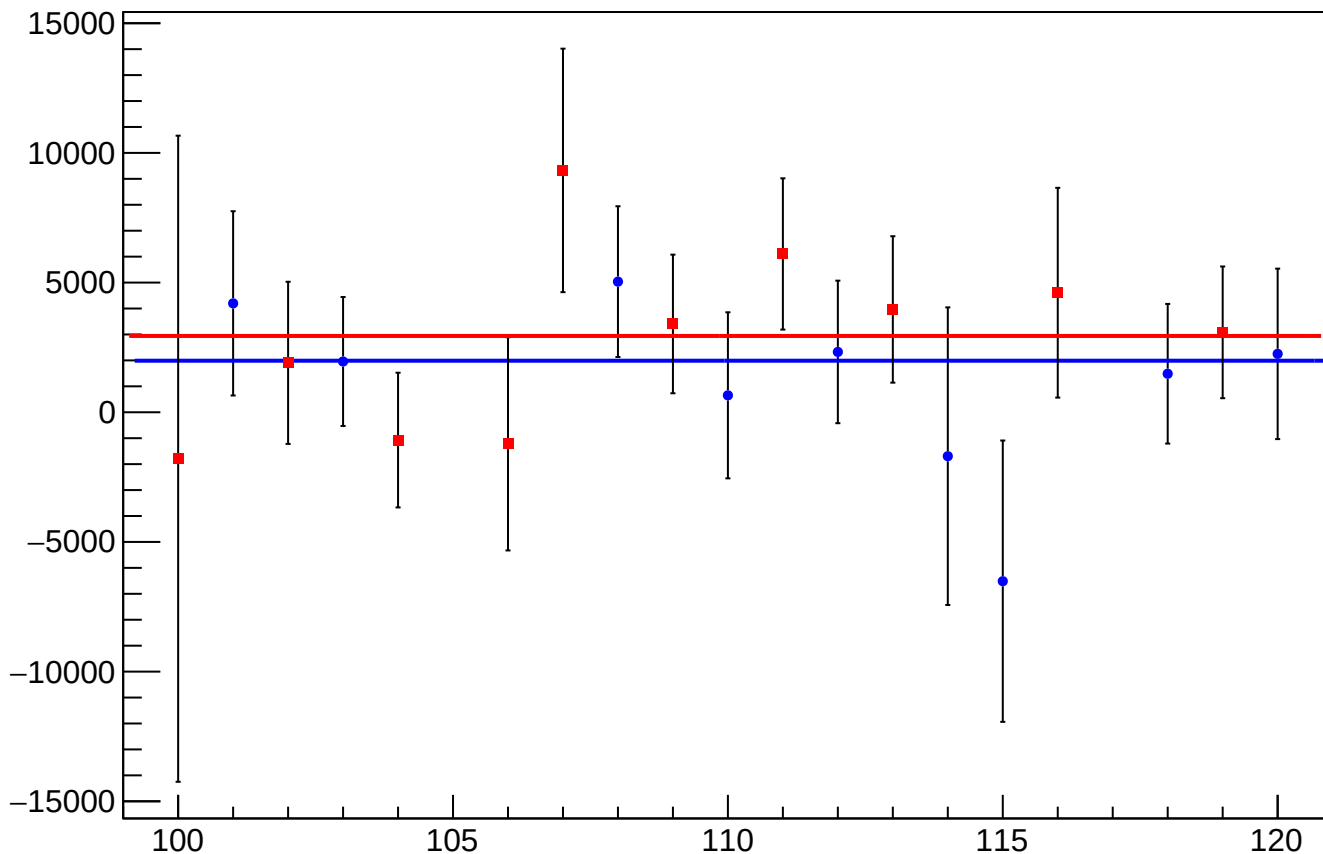
Right: 5679.592+/-1.463 χ^2/NDF : 451155.2/18

In: 5828.187+/-2.191 χ^2/NDF :236855.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 5679.592+/-1.463 χ^2/NDF : 451155.2/18

eigen_dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1987.616+/-1063.328 χ^2 /NDF: 4.6/8

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

Right Out: 2942.073+/-1020.097 χ^2 /NDF: 7.0/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

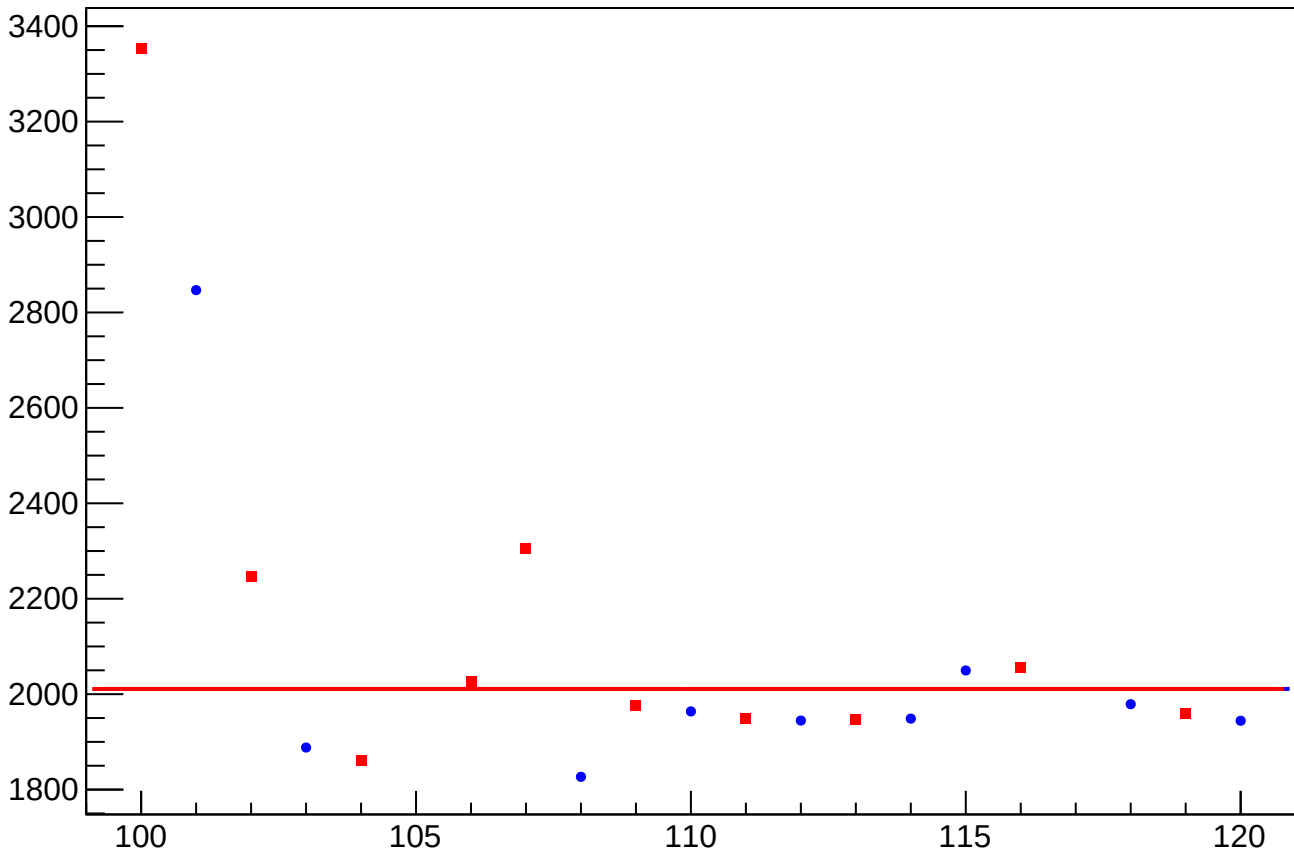
Right: 2484.641+/-736.126 χ^2 /NDF: 12.0/18

In: 1987.616+/-1063.328 χ^2 /NDF:4.6/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2484.641+/-736.126 χ^2 /NDF: 12.0/18

eigen_dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2010.985+/-0.752 χ^2/NDF : 126683.6/8

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

Right Out: 2010.840+/-0.719 χ^2/NDF : 52459.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

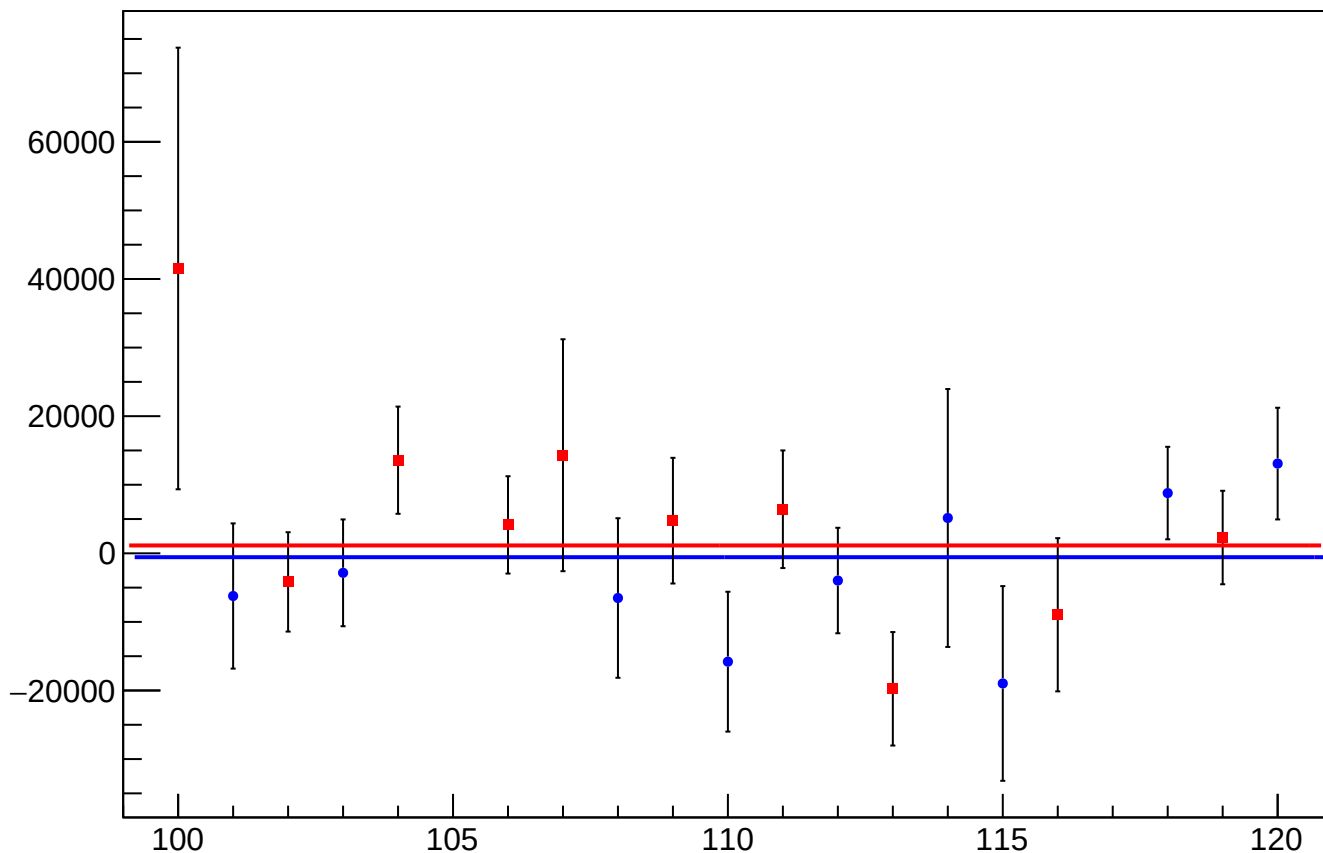
Right: 2010.910+/-0.520 χ^2/NDF : 179142.6/18

In: 2010.985+/-0.752 χ^2/NDF : 126683.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2010.910+/-0.520 χ^2/NDF : 179142.6/18

asym_atl2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -562.343+/-3098.027 χ^2/NDF : 9.6/8

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

Right Out: 1149.571+/-2779.638 χ^2/NDF : 13.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

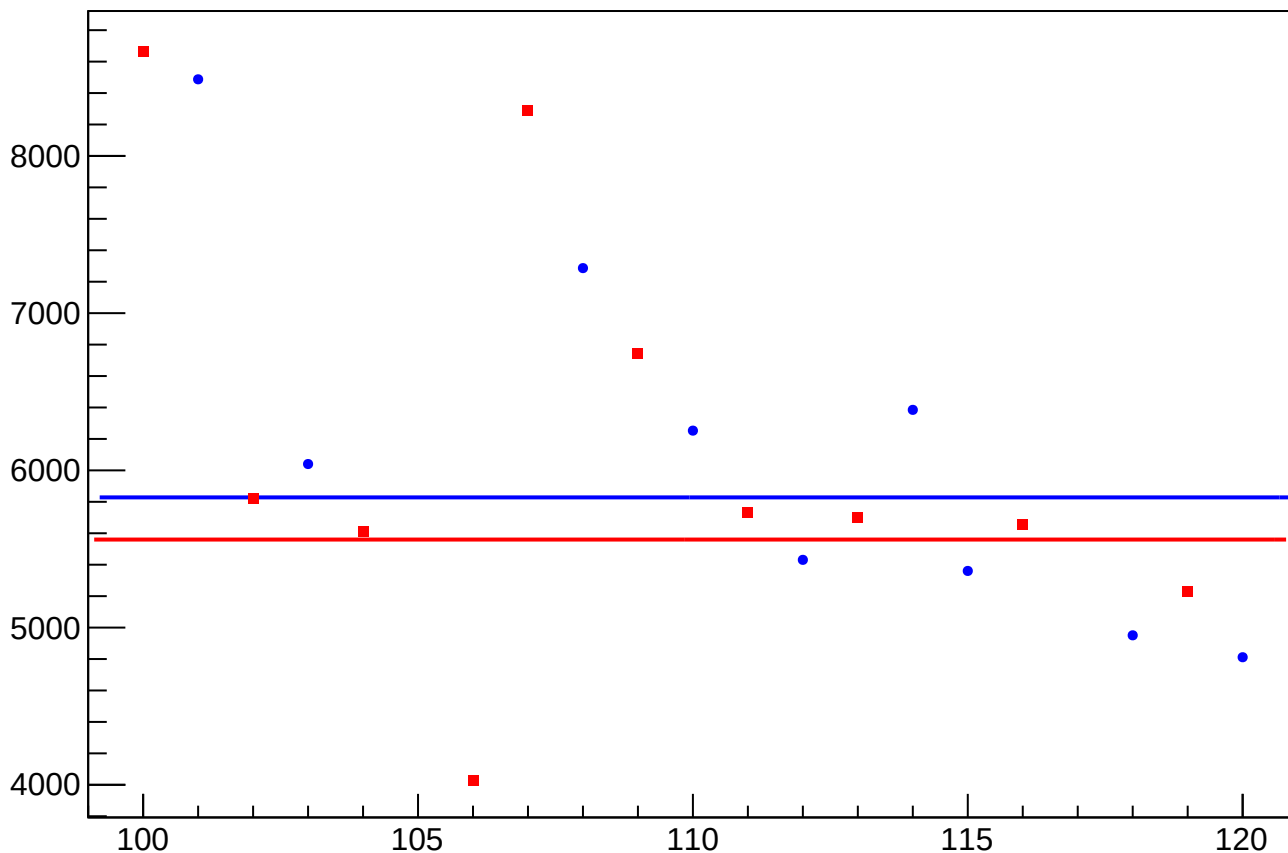
Right: 386.076+/-2068.937 χ^2/NDF : 22.9/18

In: -562.343+/-3098.027 χ^2/NDF :9.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 386.076+/-2068.937 χ^2/NDF : 22.9/18

asym_atl2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 5828.164+/-2.191 χ^2 /NDF: 236859.6/8

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

Right Out: 5559.953+/-1.966 χ^2 /NDF: 205995.8/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

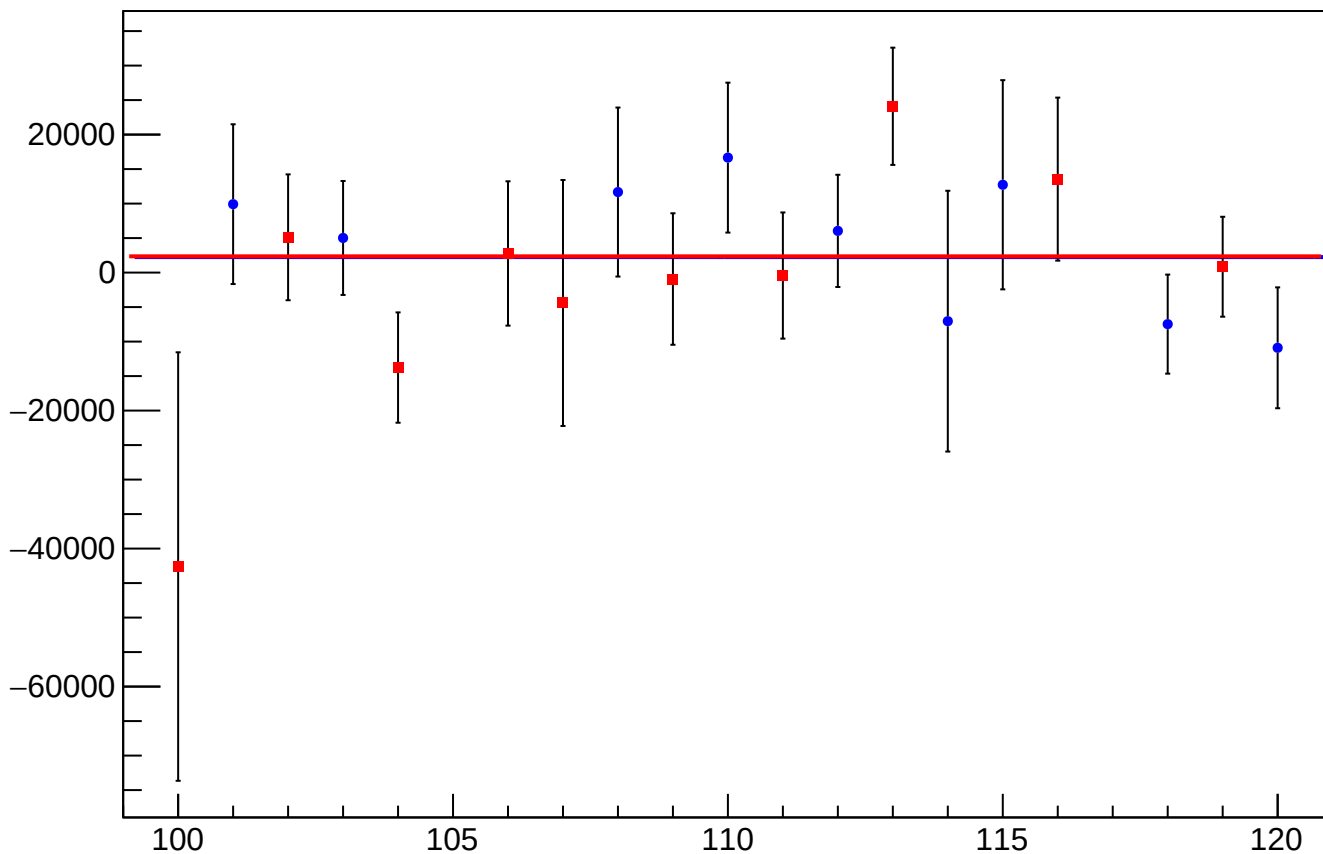
Right: 5679.572+/-1.463 χ^2 /NDF: 451160.2/18

In: 5828.164+/-2.191 χ^2 /NDF:236859.6/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 5679.572+/-1.463 χ^2 /NDF: 451160.2/18

asym_atl2_mean vs Slug, Sign Corrected



Right In: 2245.436+/-3297.381 χ^2/NDF : 7.9/8

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

Right Out: 2355.737+/-3099.867 χ^2/NDF : 14.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

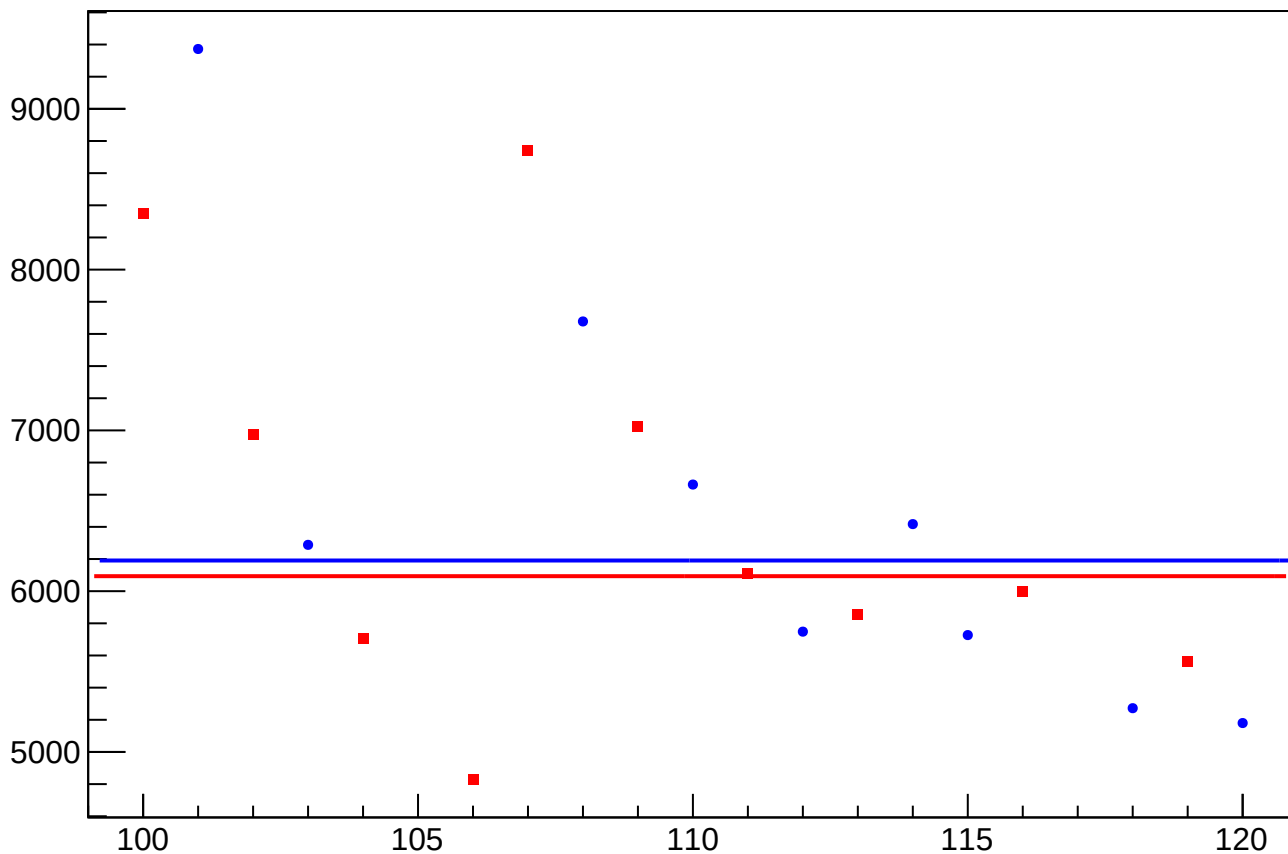
Right: 2303.988+/-2258.536 χ^2/NDF : 22.0/18

In: 2245.436+/-3297.381 χ^2/NDF : 7.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2303.988+/-2258.536 χ^2/NDF : 22.0/18

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6190.765+/-2.332 χ^2/NDF : 252007.1/8

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

Right Out: 6093.297+/-2.192 χ^2/NDF : 138828.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

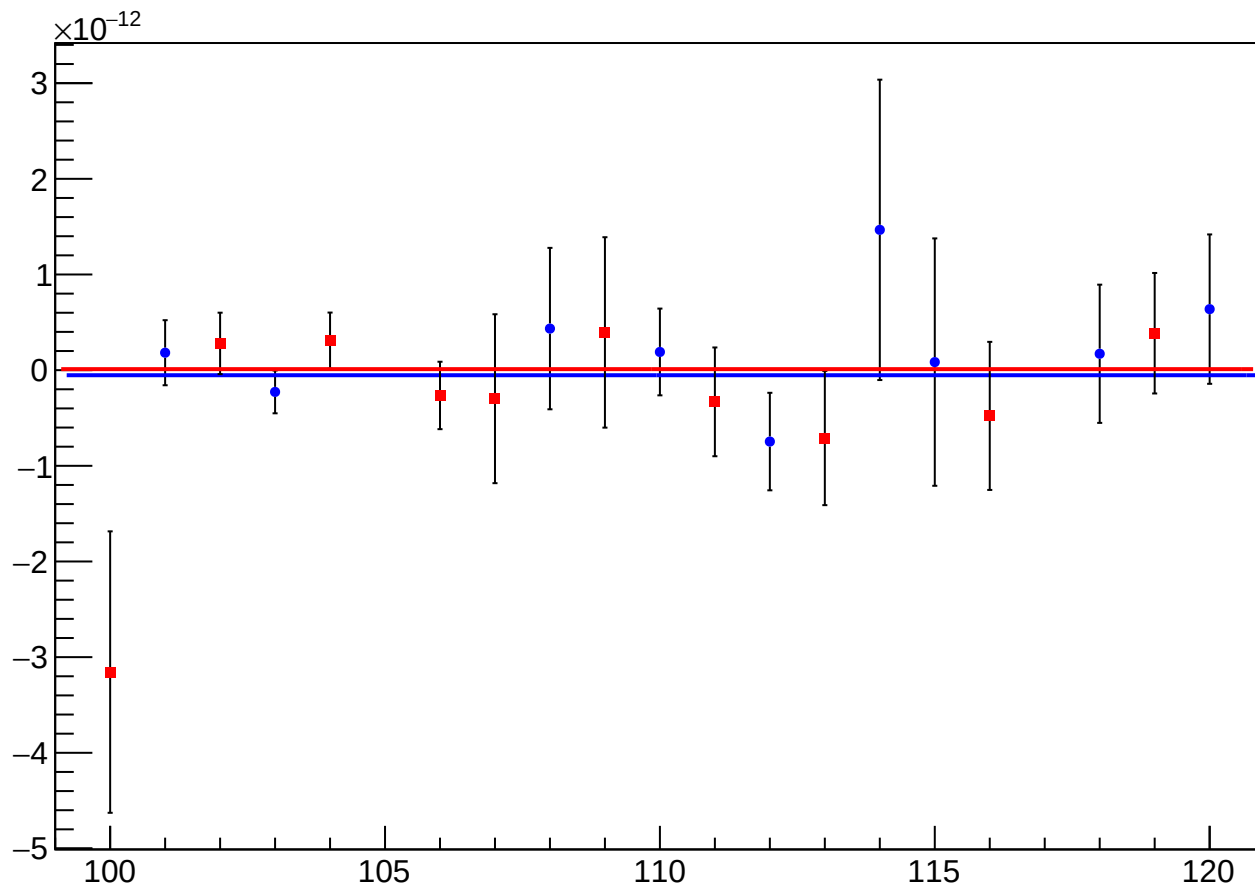
Right: 6139.024+/-1.597 χ^2/NDF : 391763.0/18

In: 6190.765+/-2.332 χ^2/NDF : 252007.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6139.024+/-1.597 χ^2/NDF : 391763.0/18

asym_atl2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 5.4/8

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

Right Out: 0.000+/-0.000 χ^2 /NDF: 9.4/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

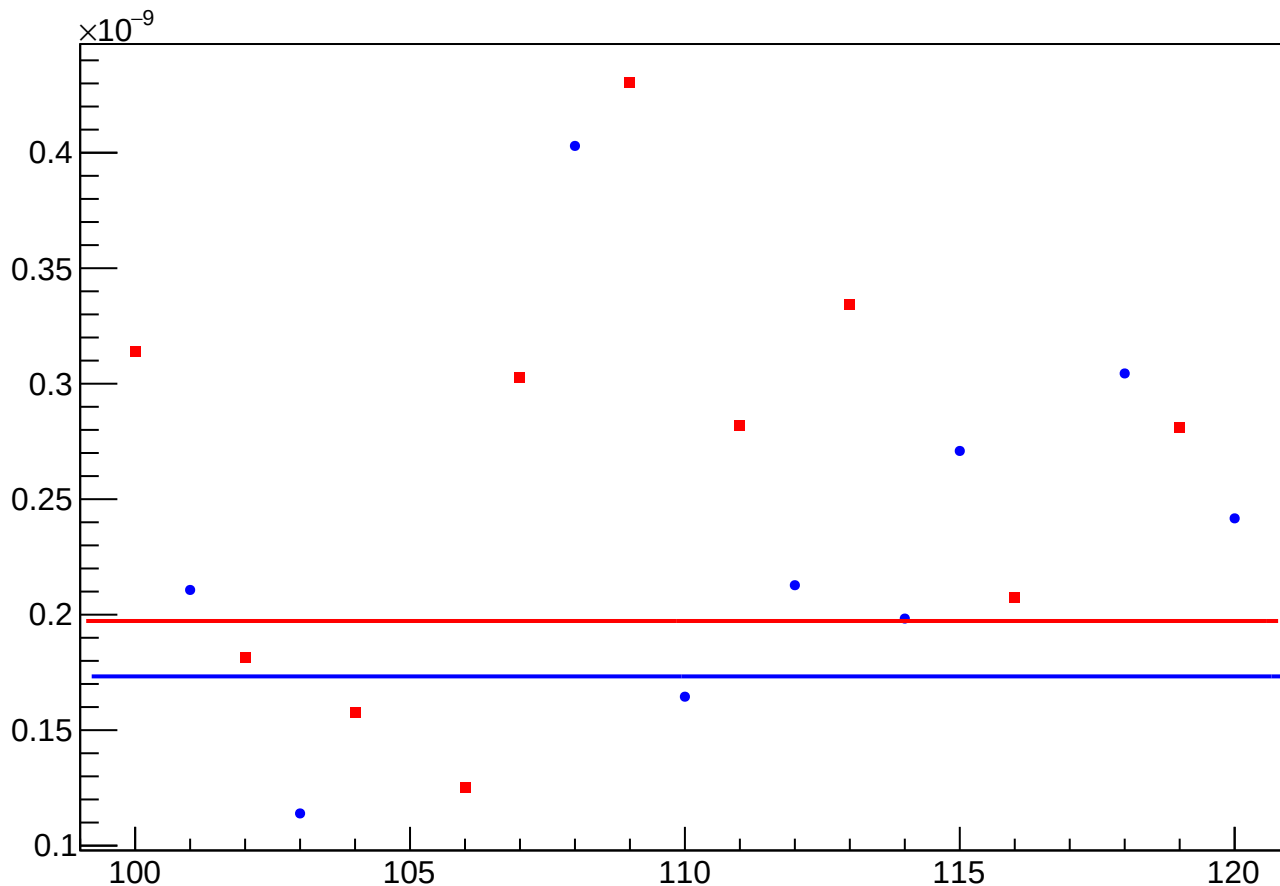
Right: -0.000+/-0.000 χ^2 /NDF: 14.9/18

In: -0.000+/-0.000 χ^2 /NDF:5.4/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 14.9/18

asym_atl2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 419326.4/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 431934.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

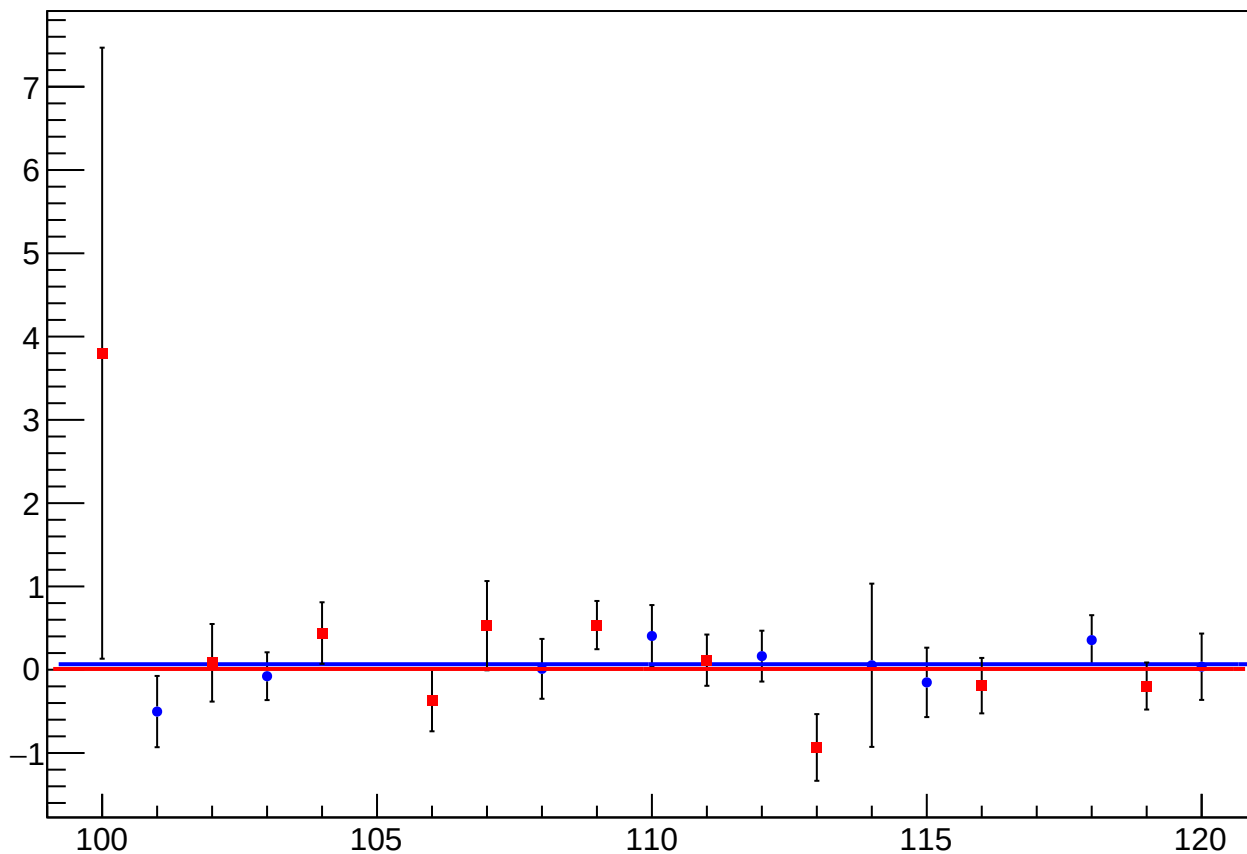
Right: 0.000+/-0.000 χ^2/NDF : 875647.4/18

In: 0.000+/-0.000 χ^2/NDF : 419326.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 875647.4/18

asym_atl2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.066+/-0.122 χ^2/NDF : 4.2/8

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

Right Out: 0.009+/-0.117 χ^2/NDF : 14.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

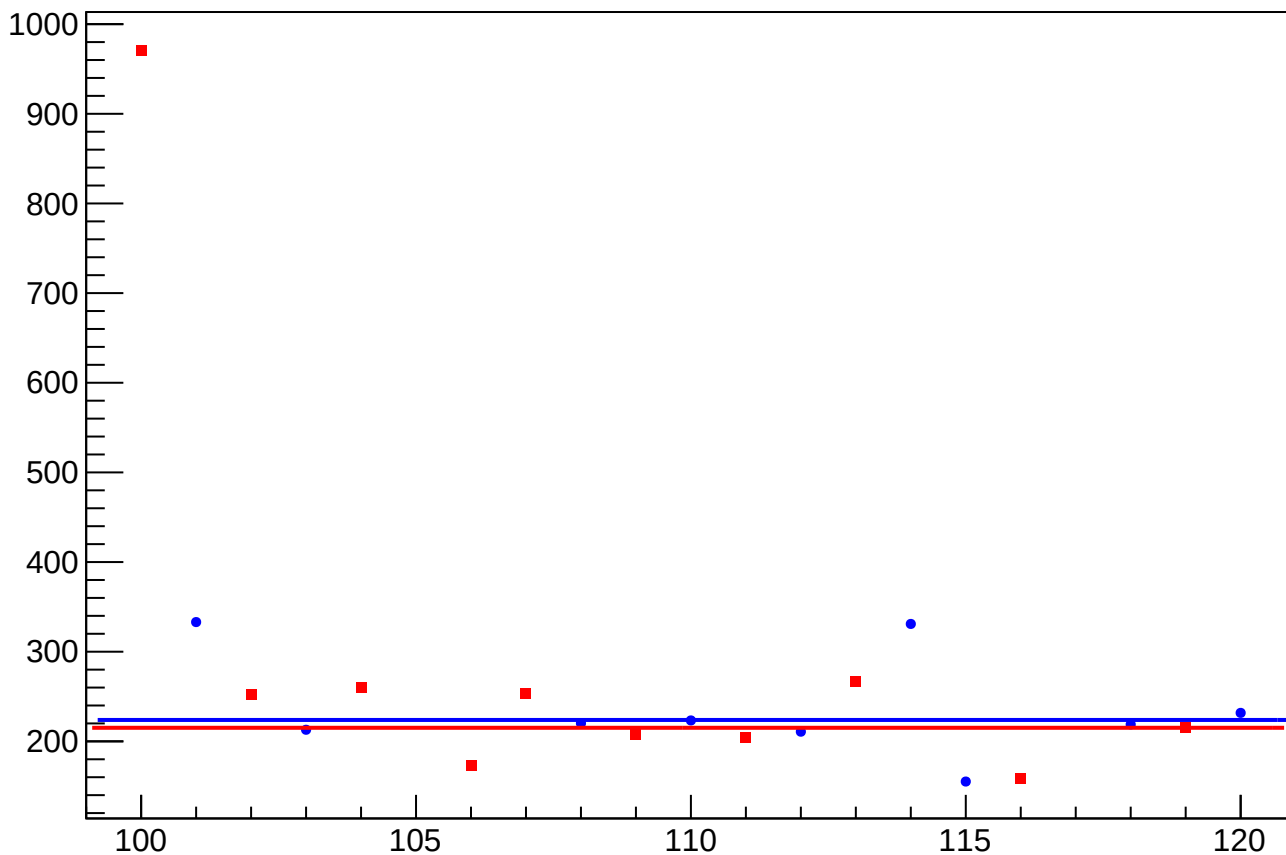
Right: 0.036+/-0.084 χ^2/NDF : 18.6/18

In: 0.066+/-0.122 χ^2/NDF : 4.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.036+/-0.084 χ^2/NDF : 18.6/18

asym_atl2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 223.873+/-0.086 χ^2/NDF : 216654.6/8

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

Right Out: 215.138+/-0.083 χ^2/NDF : 256199.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

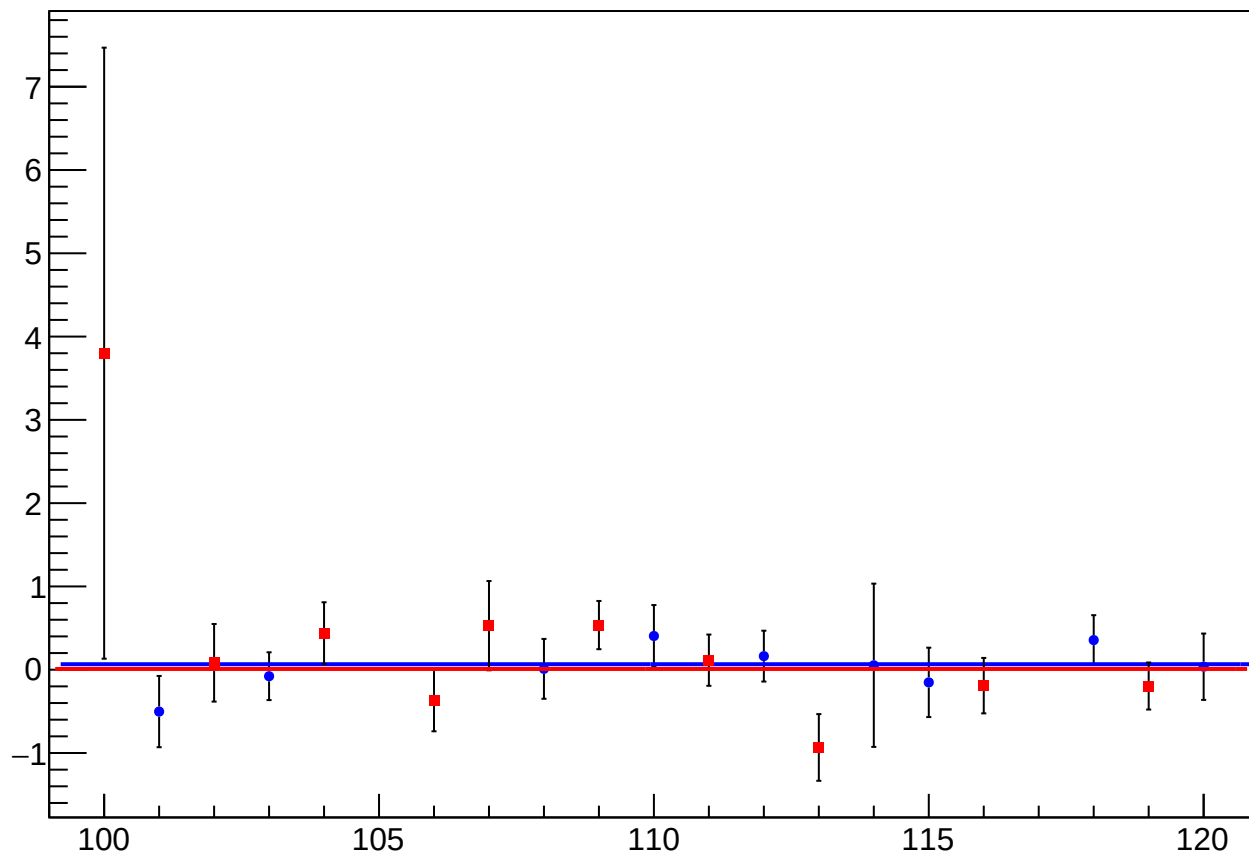
Right: 219.338+/-0.060 χ^2/NDF : 478211.4/18

In: 223.873+/-0.086 χ^2/NDF :216654.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 219.338+/-0.060 χ^2/NDF : 478211.4/18

asym_atl2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.066+/-0.122 χ^2/NDF : 4.2/8

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

Right Out: 0.009+/-0.117 χ^2/NDF : 14.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

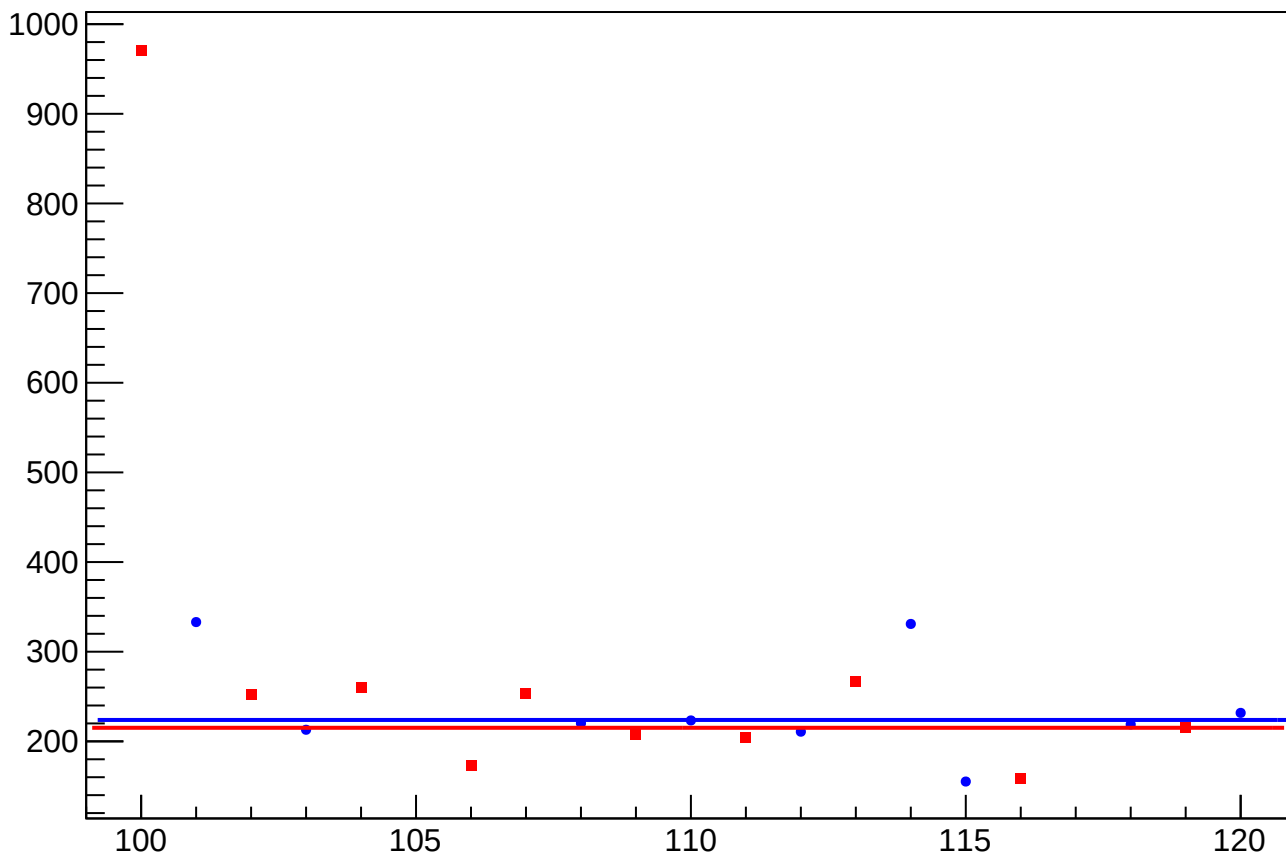
Right: 0.036+/-0.084 χ^2/NDF : 18.6/18

In: 0.066+/-0.122 χ^2/NDF : 4.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.036+/-0.084 χ^2/NDF : 18.6/18

asym_atl2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 223.873+/-0.086 χ^2/NDF : 216654.6/8

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

Right Out: 215.138+/-0.083 χ^2/NDF : 256199.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

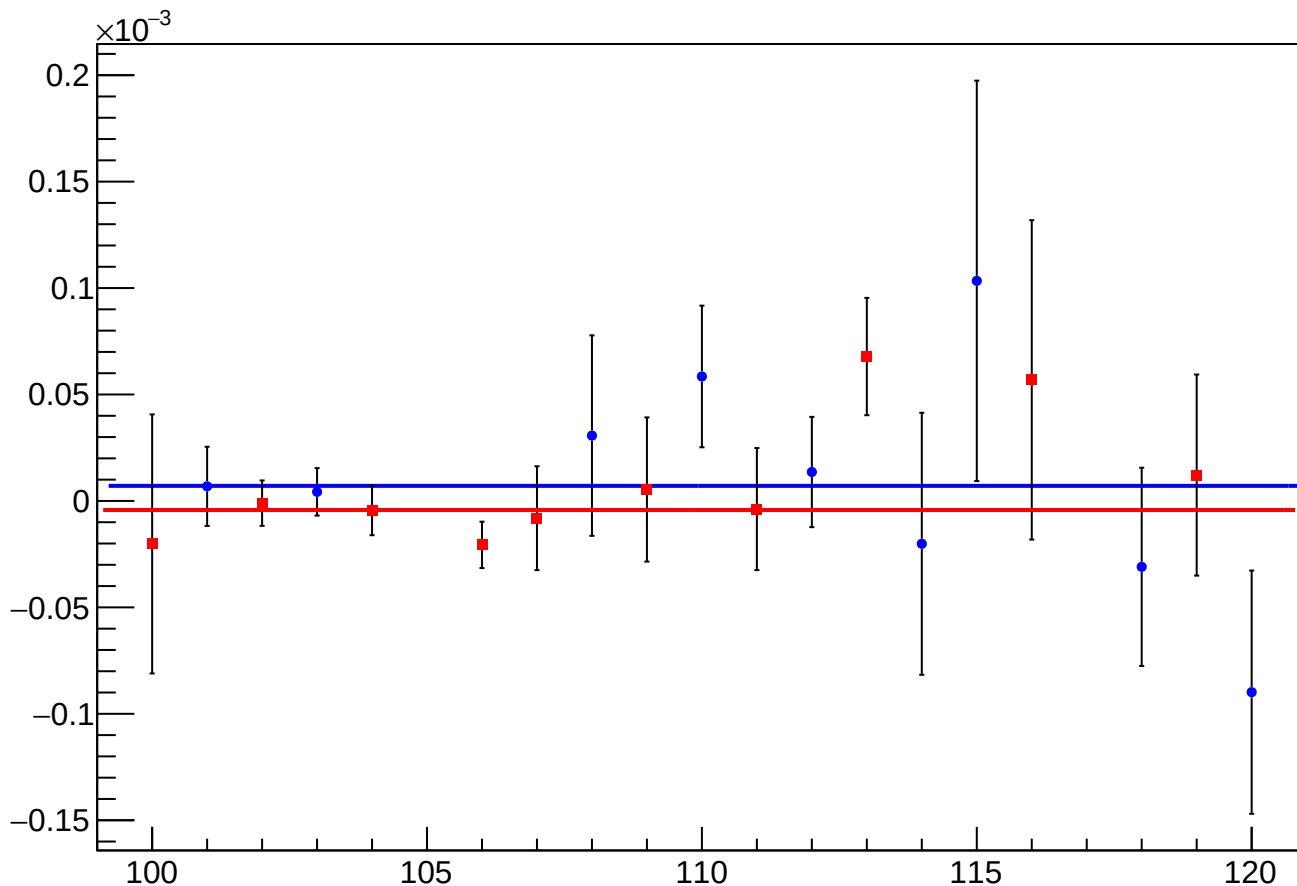
Right: 219.338+/-0.060 χ^2/NDF : 478211.4/18

In: 223.873+/-0.086 χ^2/NDF : 216654.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 219.338+/-0.060 χ^2/NDF : 478211.4/18

asym_atl2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.6/8

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

Right Out: -0.000+/-0.000 χ^2/NDF : 10.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

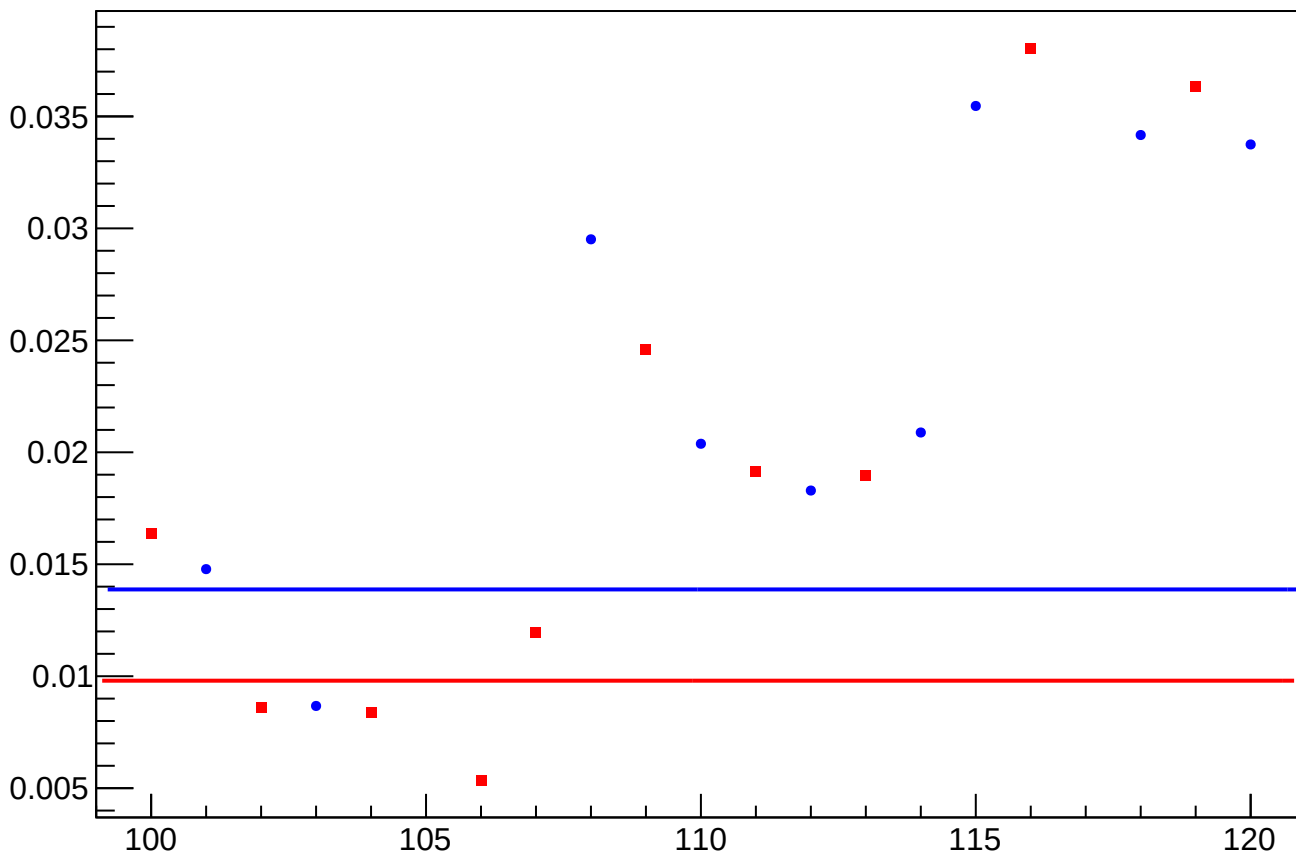
Right: -0.000+/-0.000 χ^2/NDF : 19.0/18

In: 0.000+/-0.000 χ^2/NDF : 7.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.0/18

asym_atl2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1548784.2/8

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

Right Out: 0.010+/-0.000 χ^2/NDF : 2159936.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

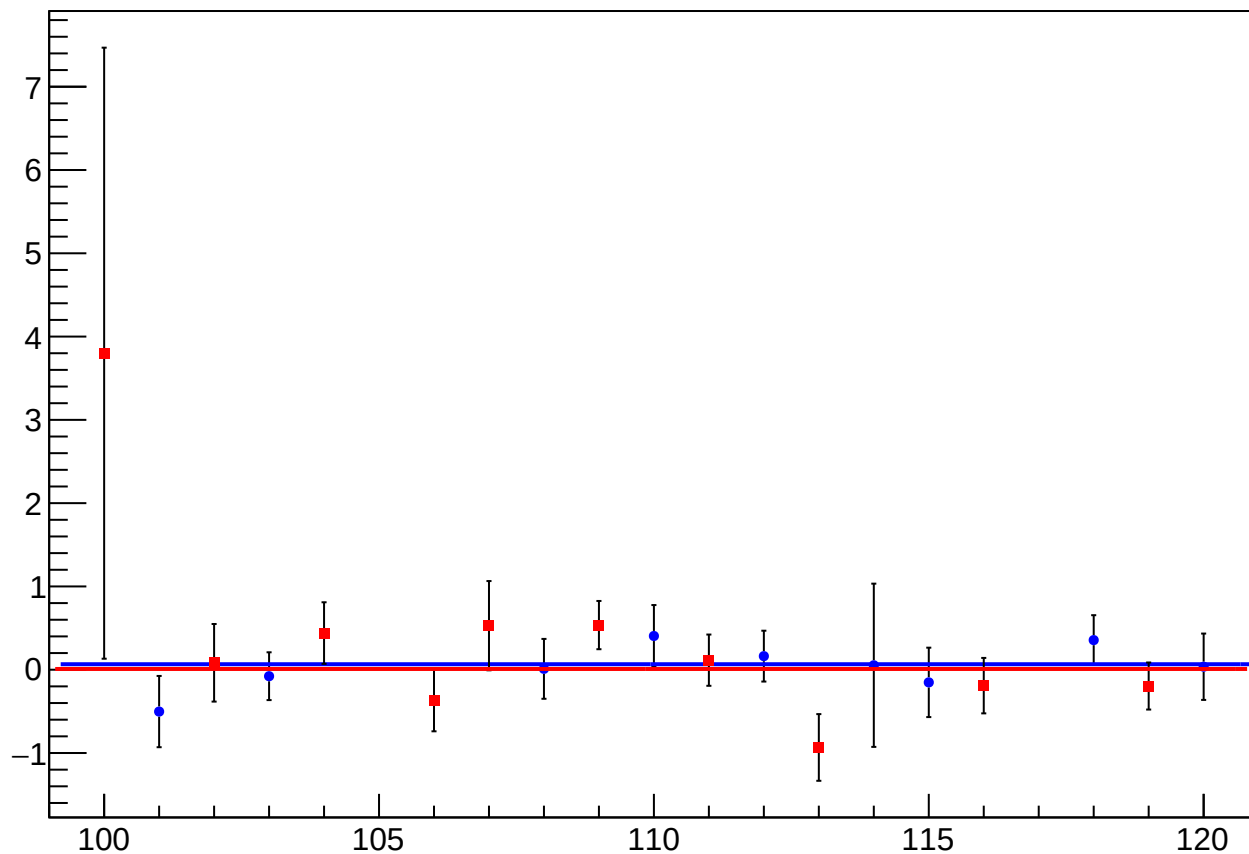
Right: 0.011+/-0.000 χ^2/NDF : 4041819.0/18

In: 0.014+/-0.000 χ^2/NDF : 1548784.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 4041819.0/18

asym_atl2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.066+/-0.122 χ^2/NDF : 4.2/8

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

Right Out: 0.009+/-0.117 χ^2/NDF : 14.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

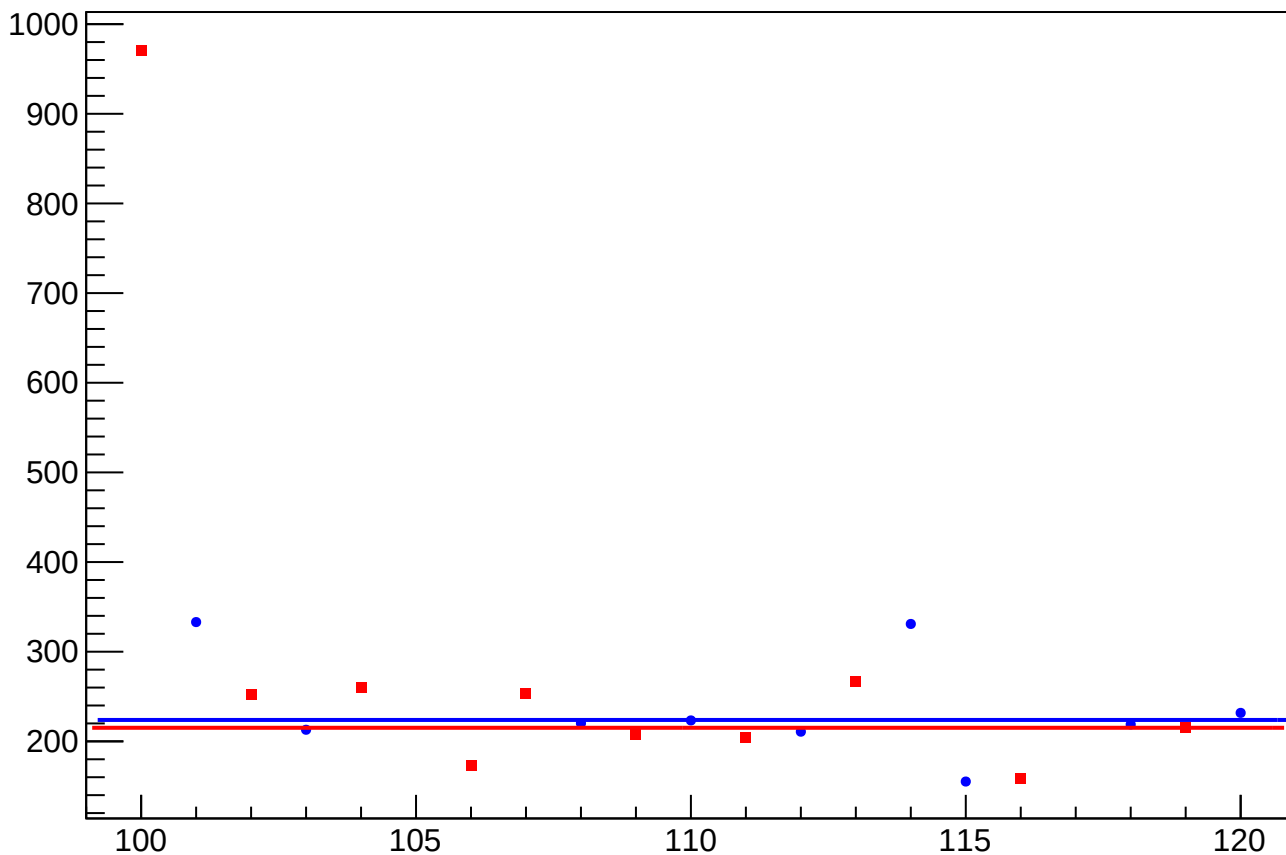
Right: 0.036+/-0.084 χ^2/NDF : 18.6/18

In: 0.066+/-0.122 χ^2/NDF :4.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.036+/-0.084 χ^2/NDF : 18.6/18

asym_atl2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 223.876+/-0.086 χ^2/NDF : 216631.2/8

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

Right Out: 215.142+/-0.083 χ^2/NDF : 256161.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

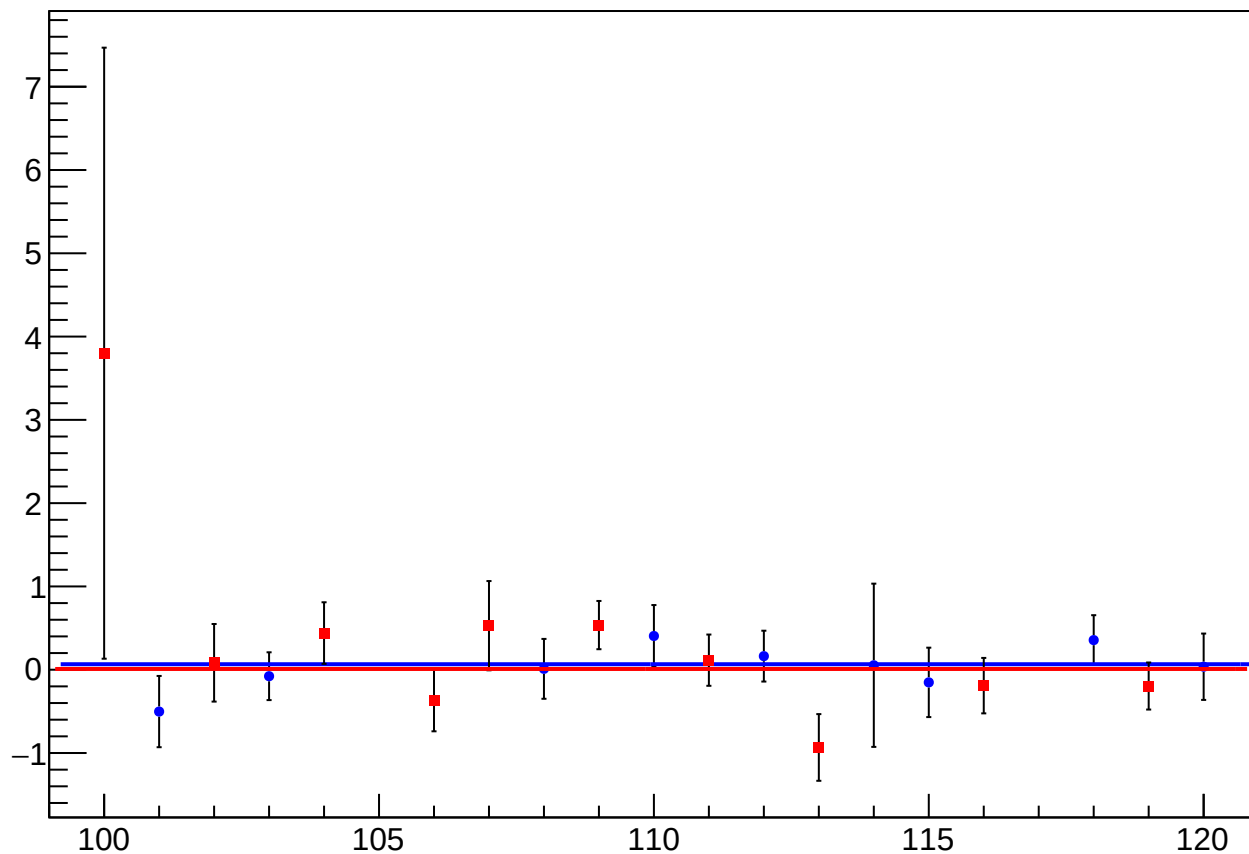
Right: 219.342+/-0.060 χ^2/NDF : 478147.0/18

In: 223.876+/-0.086 χ^2/NDF : 216631.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 219.342+/-0.060 χ^2/NDF : 478147.0/18

asym_atl2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.066+/-0.122 χ^2/NDF : 4.2/8

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

Right Out: 0.009+/-0.117 χ^2/NDF : 14.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

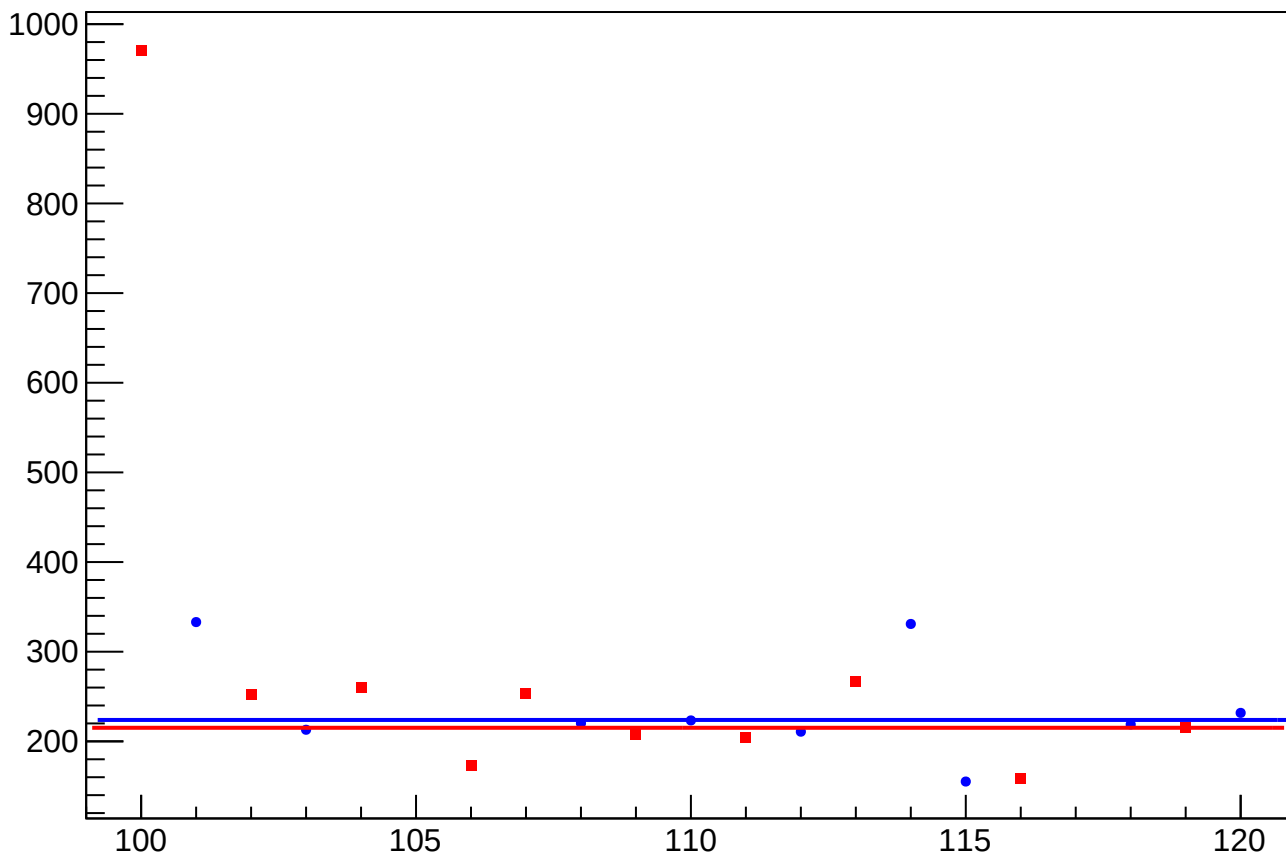
Right: 0.036+/-0.084 χ^2/NDF : 18.6/18

In: 0.066+/-0.122 χ^2/NDF : 4.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.036+/-0.084 χ^2/NDF : 18.6/18

asym_atl2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 223.876+/-0.086 χ^2/NDF : 216631.2/8

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

Right Out: 215.142+/-0.083 χ^2/NDF : 256161.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

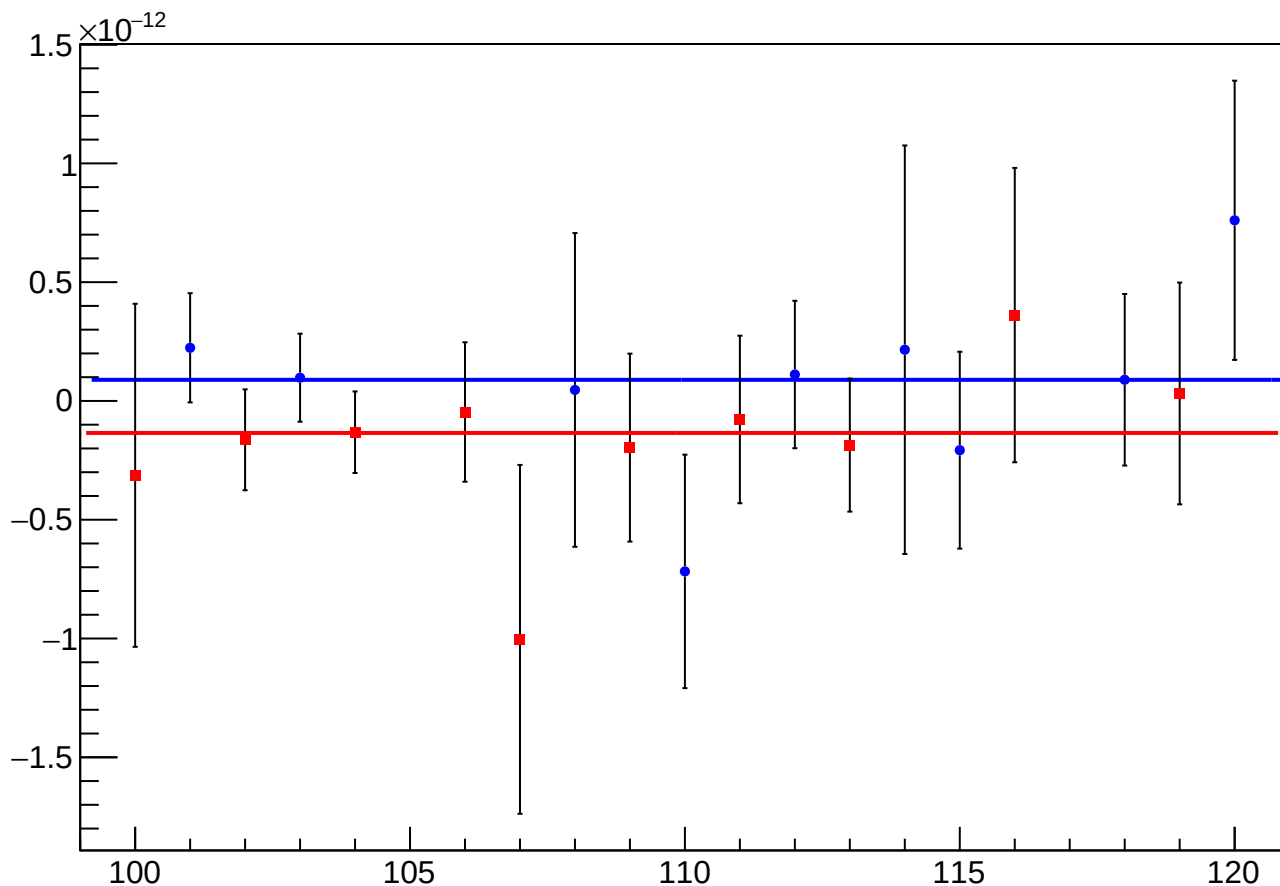
Right: 219.342+/-0.060 χ^2/NDF : 478147.0/18

In: 223.876+/-0.086 χ^2/NDF : 216631.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 219.342+/-0.060 χ^2/NDF : 478147.0/18

asym_atl2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.9/8

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

Right Out: -0.000+/-0.000 χ^2/NDF : 2.4/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

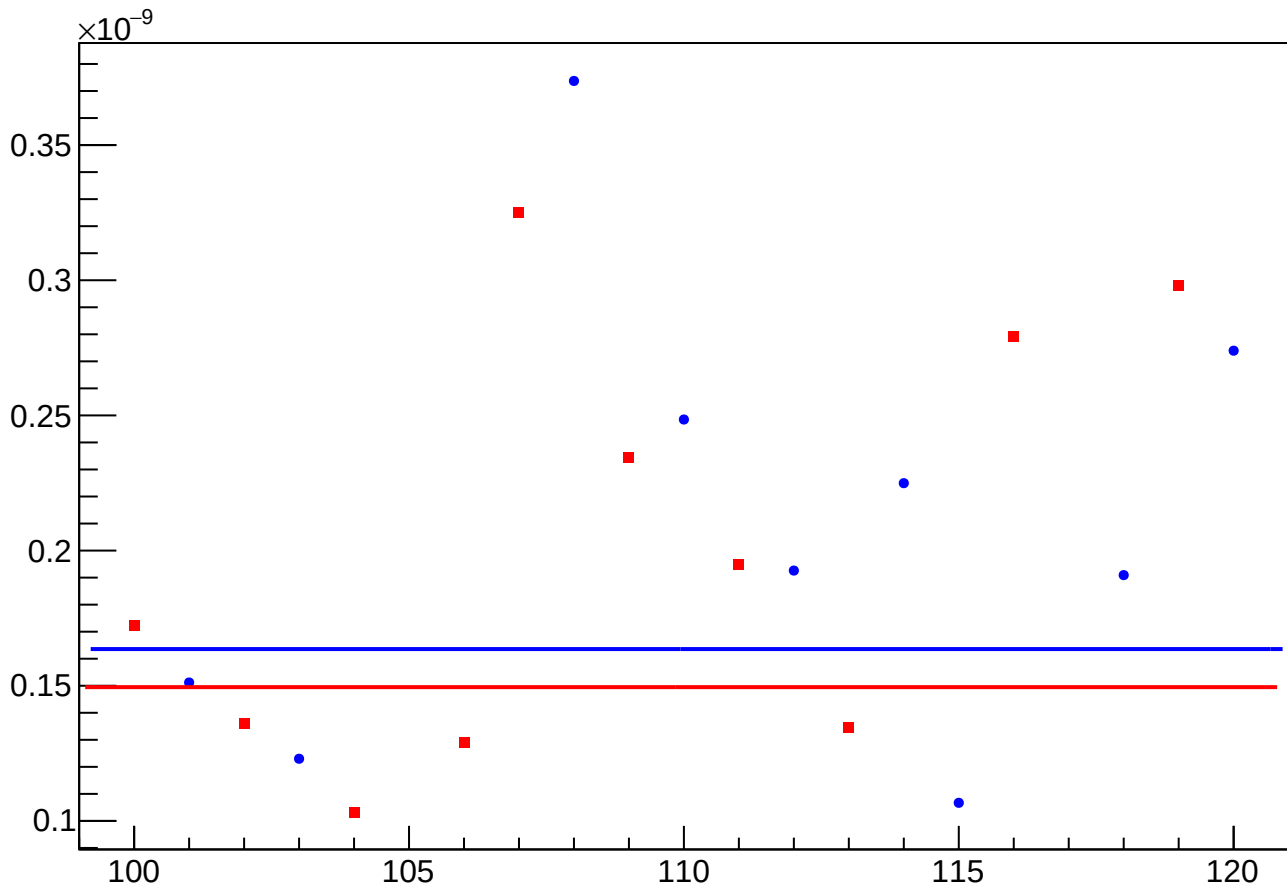
Right: -0.000+/-0.000 χ^2/NDF : 9.6/18

In: 0.000+/-0.000 χ^2/NDF : 4.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.6/18

asym_atl2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 511463.0/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 701123.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

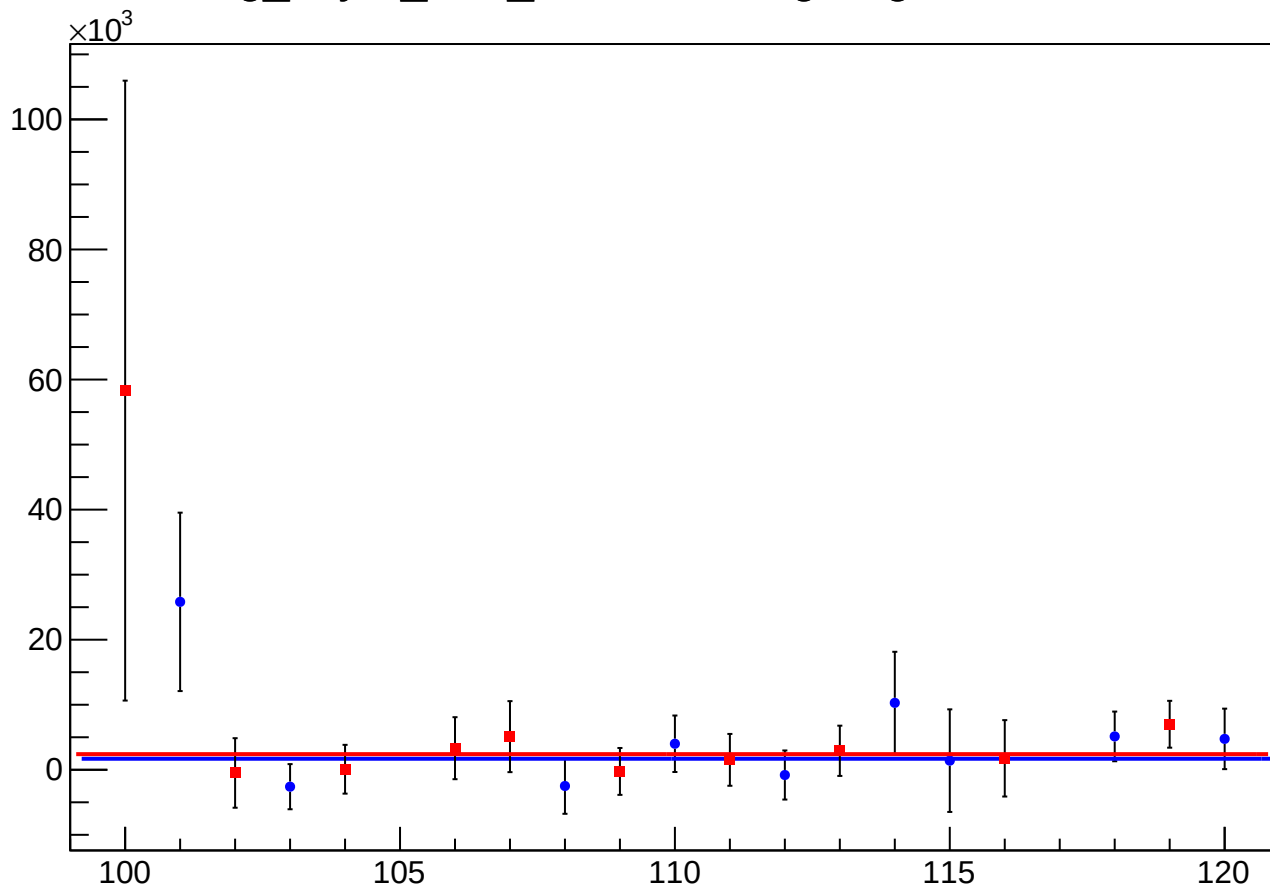
Right: 0.000+/-0.000 χ^2/NDF : 1230997.9/18

In: 0.000+/-0.000 χ^2/NDF : 511463.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1230997.9/18

reg_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1697.457+/-1555.380 χ^2/NDF : 8.7/8

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

Right Out: 2403.327+/-1418.355 χ^2/NDF : 4.6/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

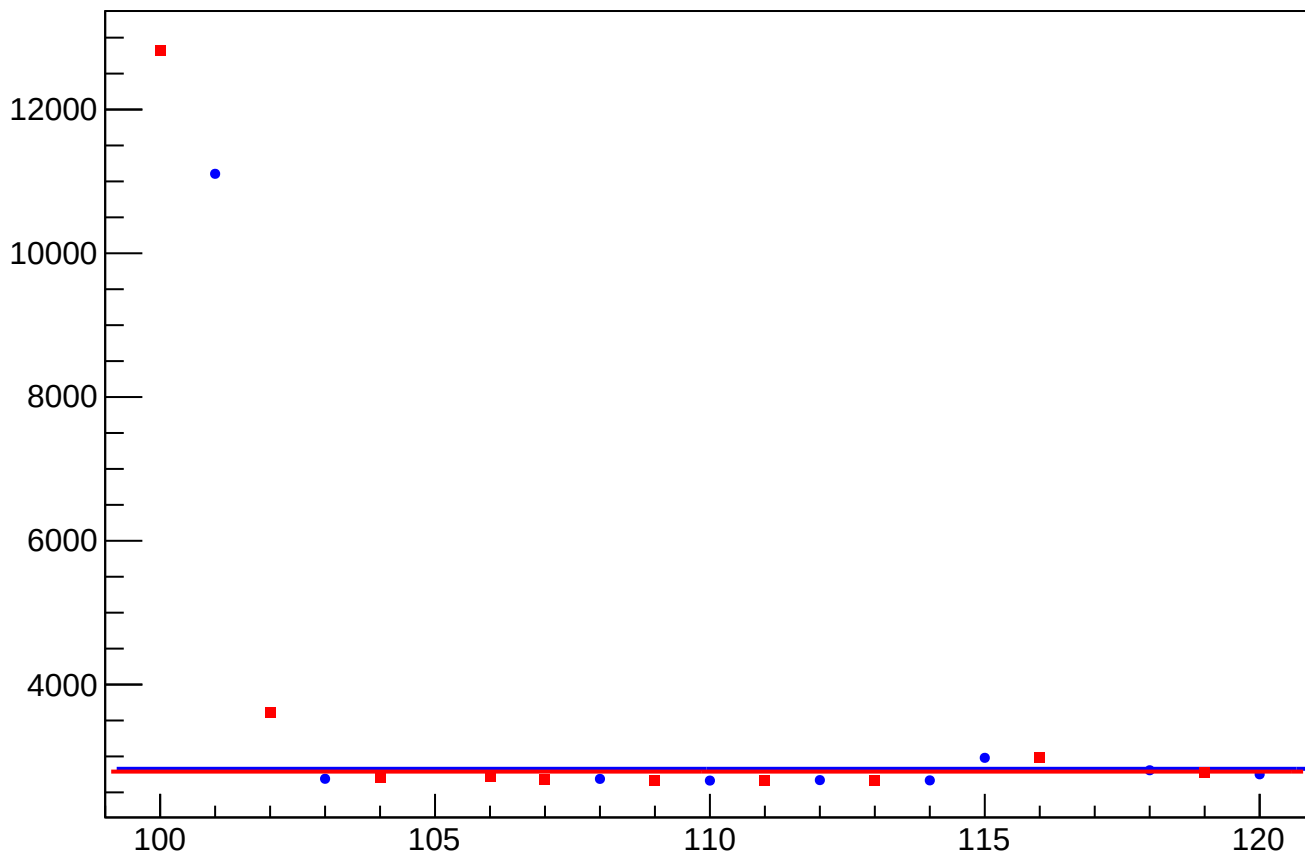
Right: 2082.849+/-1048.030 χ^2/NDF : 13.4/18

In: 1697.457+/-1555.380 χ^2/NDF : 8.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2082.849+/-1048.030 χ^2/NDF : 13.4/18

reg_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2827.836+/-1.100 χ^2/NDF : 742298.3/8

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

Right Out: 2788.832+/-1.003 χ^2/NDF : 146231.6/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

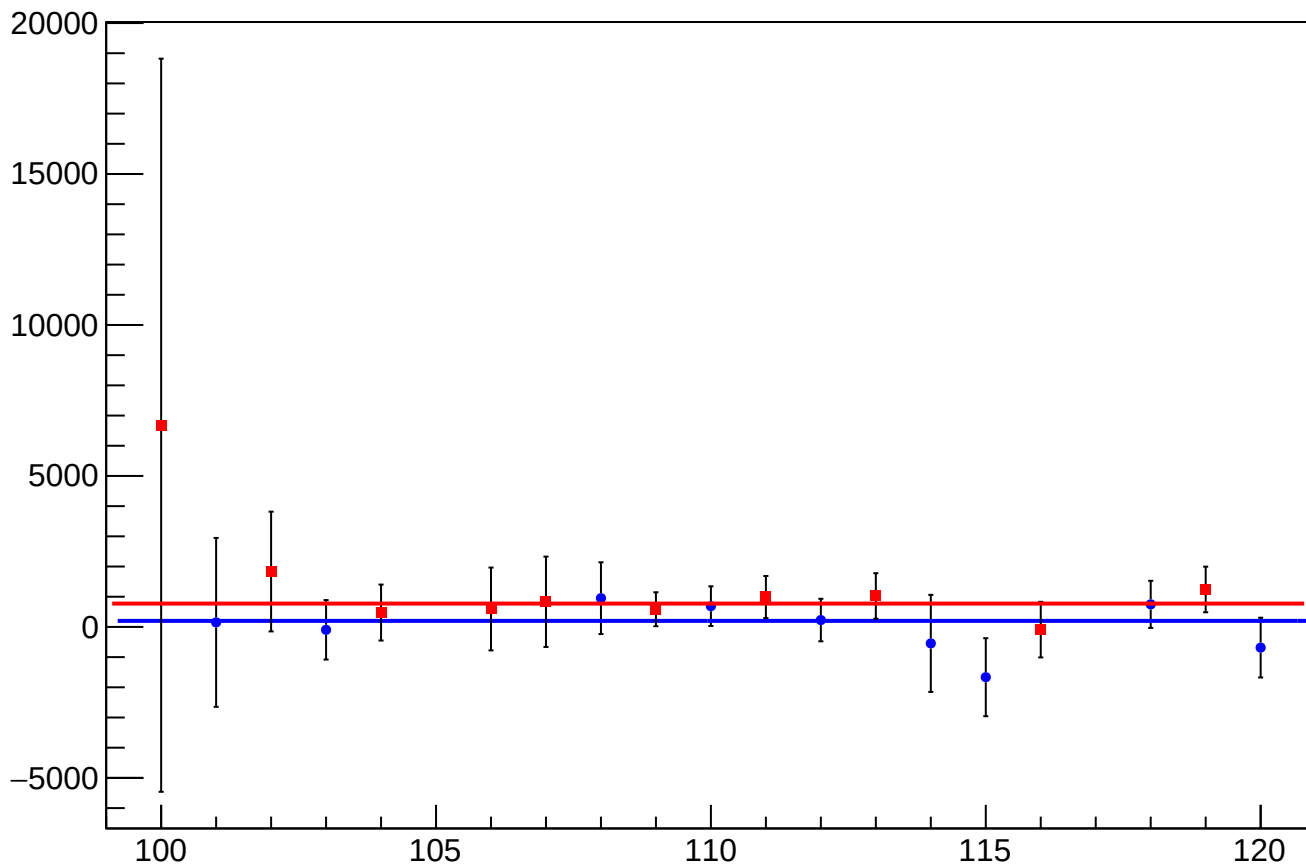
Right: 2806.541+/-0.741 χ^2/NDF : 889216.5/18

In: 2827.836+/-1.100 χ^2/NDF : 742298.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2806.541+/-0.741 χ^2/NDF : 889216.5/18

asym_atr1_reg_correction_mean vs Slug, Sign Corrected



Right In: 199.840+/-318.626 χ^2/NDF : 4.6/8

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

Right Out: 773.107+/-284.745 χ^2/NDF : 2.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

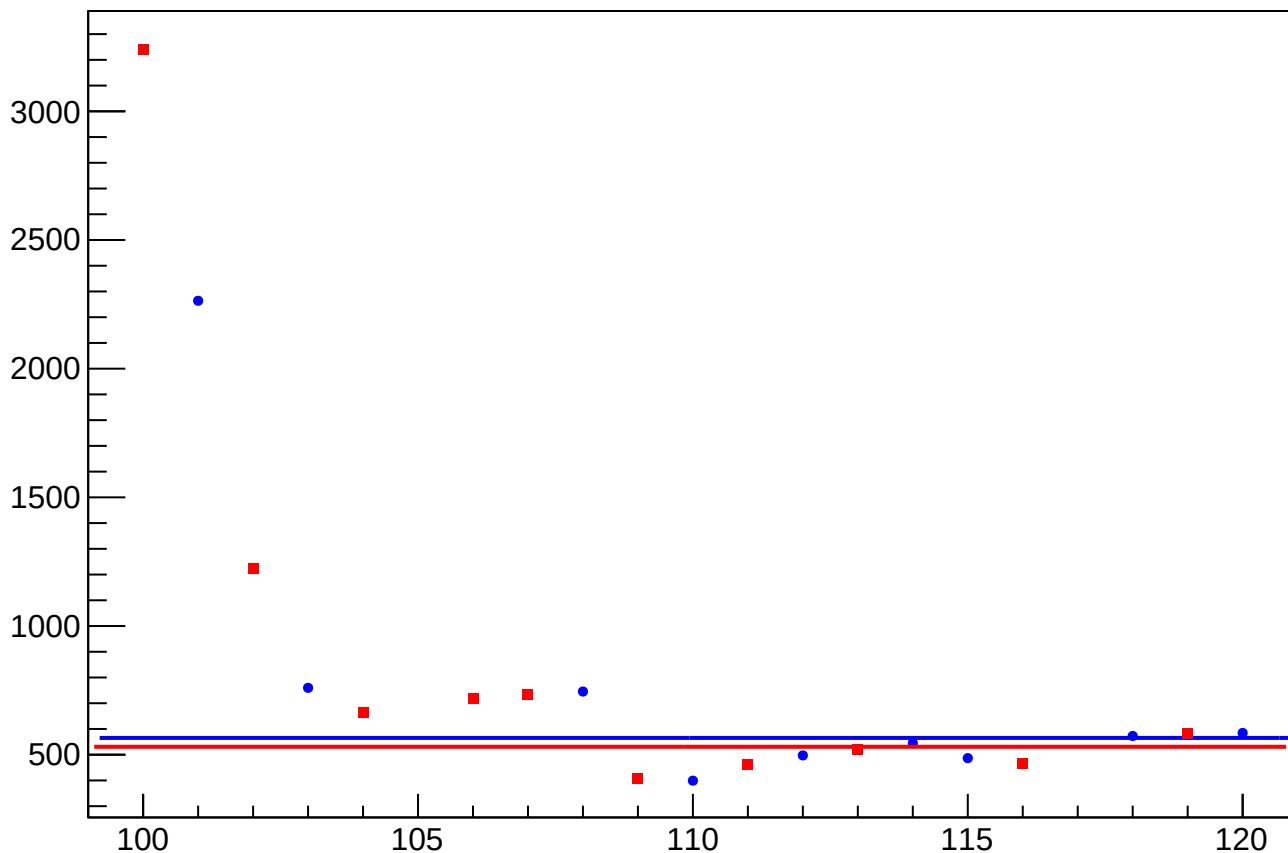
Right: 518.563+/-212.317 χ^2/NDF : 8.7/18

In: 199.840+/-318.626 χ^2/NDF : 4.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 518.563+/-212.317 χ^2/NDF : 8.7/18

asym_atr1_reg_correction_rms vs Slug, Sign Corrected



Right In: 565.243+/-0.225 χ^2/NDF : 1016882.1/8

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

Right Out: 530.677+/-0.201 χ^2/NDF : 595956.4/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

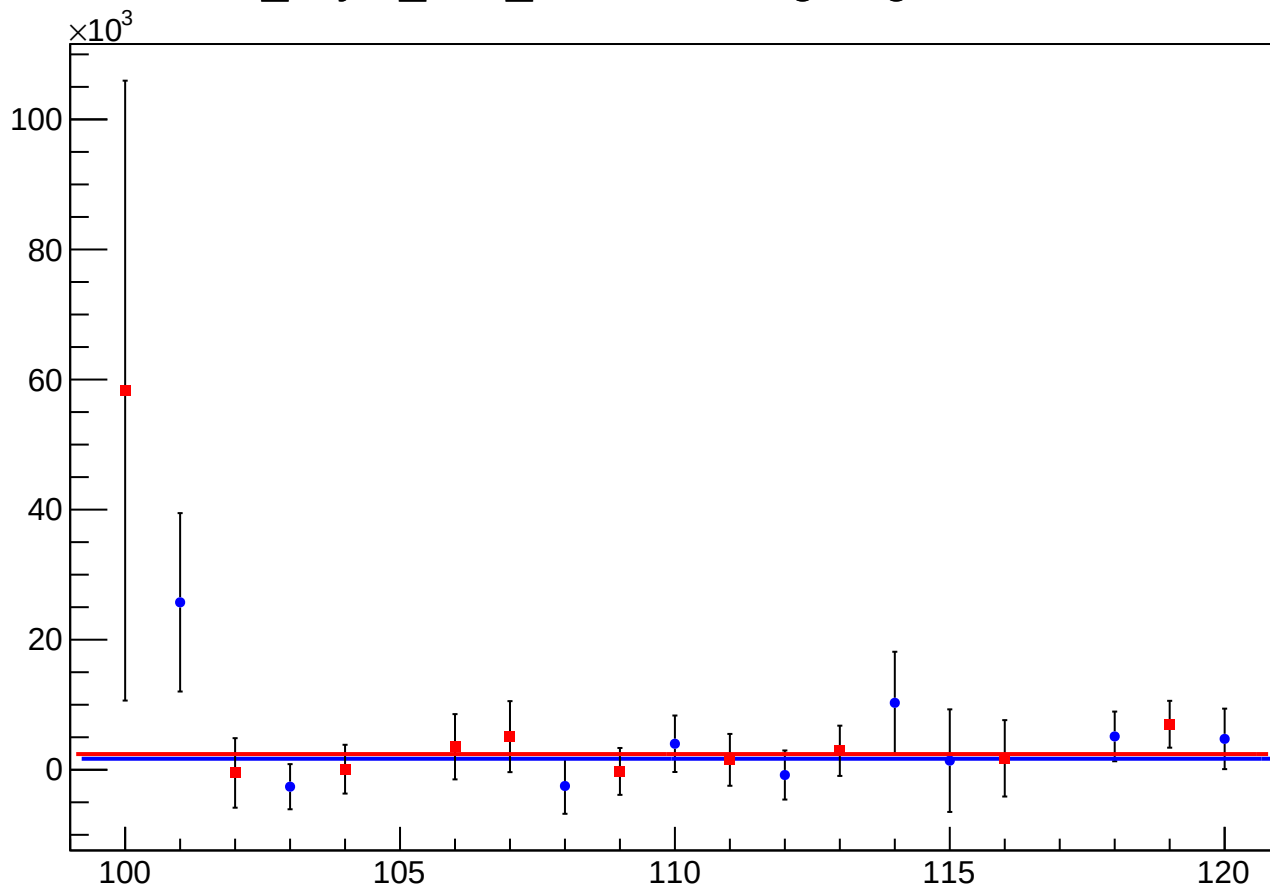
Right: 546.025+/-0.150 χ^2/NDF : 1625925.2/18

In: 565.243+/-0.225 χ^2/NDF : 1016882.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 546.025+/-0.150 χ^2/NDF : 1625925.2/18

cor_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1696.212+/-1555.381 χ^2/NDF : 8.7/8

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

Right Out: 2414.617+/-1424.503 χ^2/NDF : 4.6/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

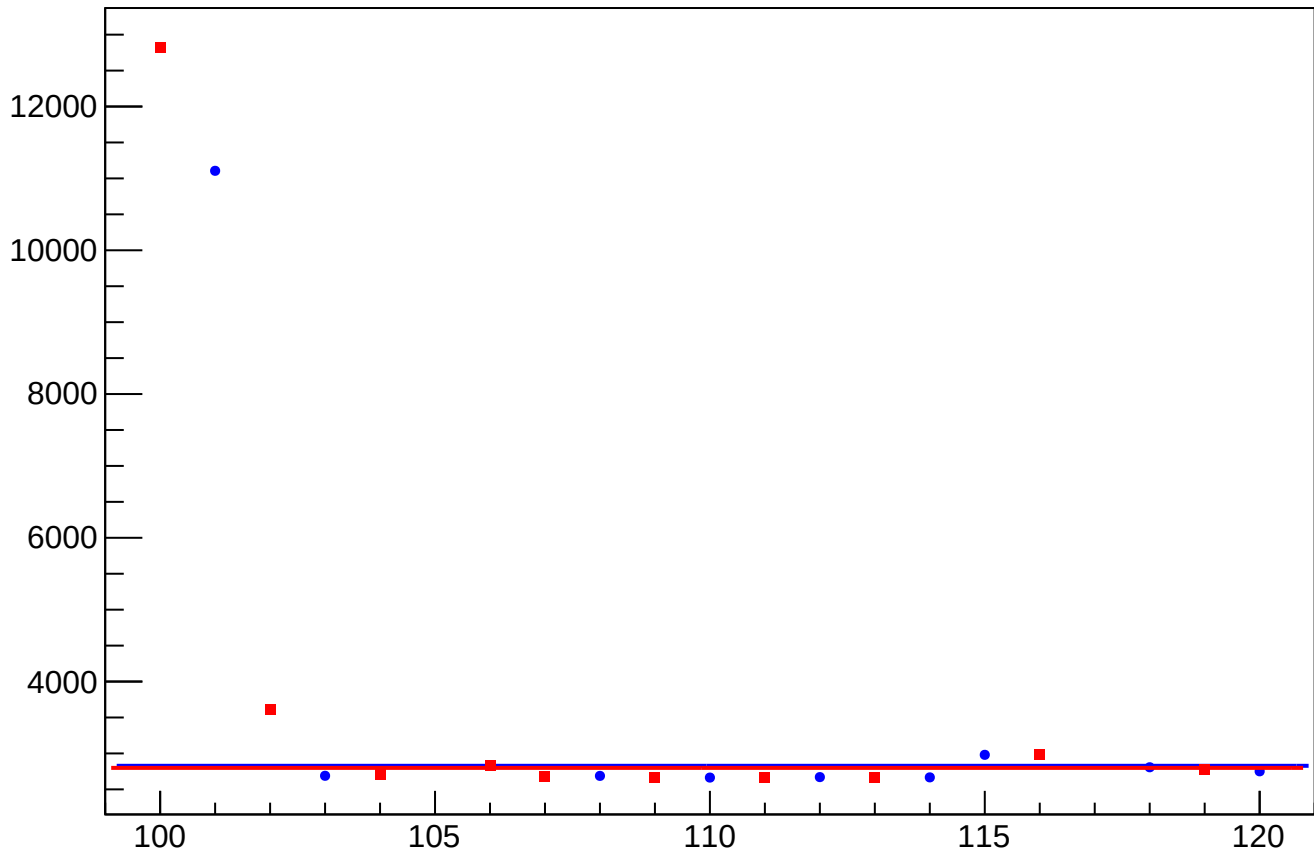
Right: 2086.907+/-1050.503 χ^2/NDF : 13.4/18

In: 1696.212+/-1555.381 χ^2/NDF : 8.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2086.907+/-1050.503 χ^2/NDF : 13.4/18

cor_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2827.836+/-1.100 χ^2/NDF : 742297.4/8

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

Right Out: 2798.886+/-1.007 χ^2/NDF : 145930.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

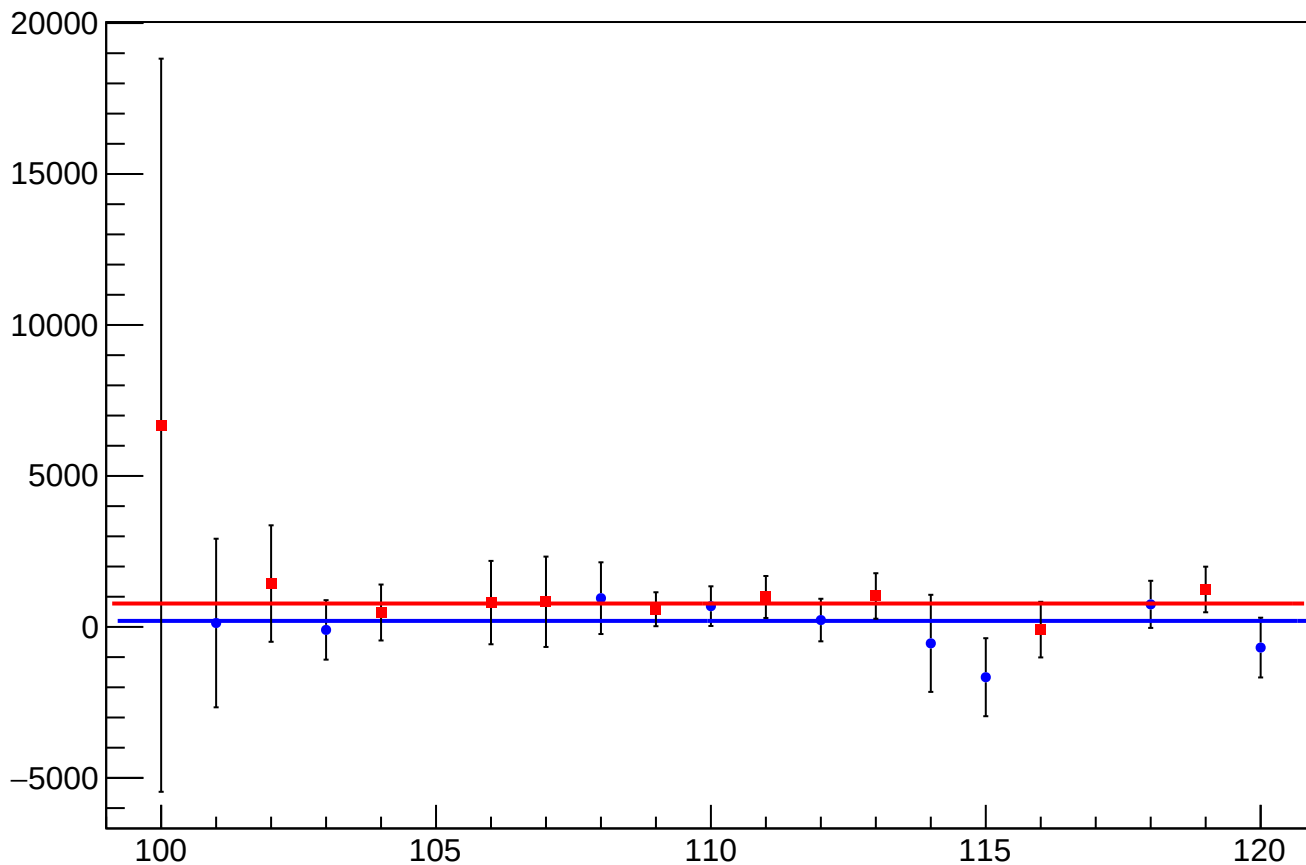
Right: 2812.092+/-0.743 χ^2/NDF : 888604.8/18

In: 2827.836+/-1.100 χ^2/NDF : 742297.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2812.092+/-0.743 χ^2/NDF : 888604.8/18

asym_atr1_cor_correction_mean vs Slug, Sign Corrected



Right In: 199.449+/-318.610 χ^2/NDF : 4.6/8

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

Right Out: 774.924+/-284.644 χ^2/NDF : 2.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

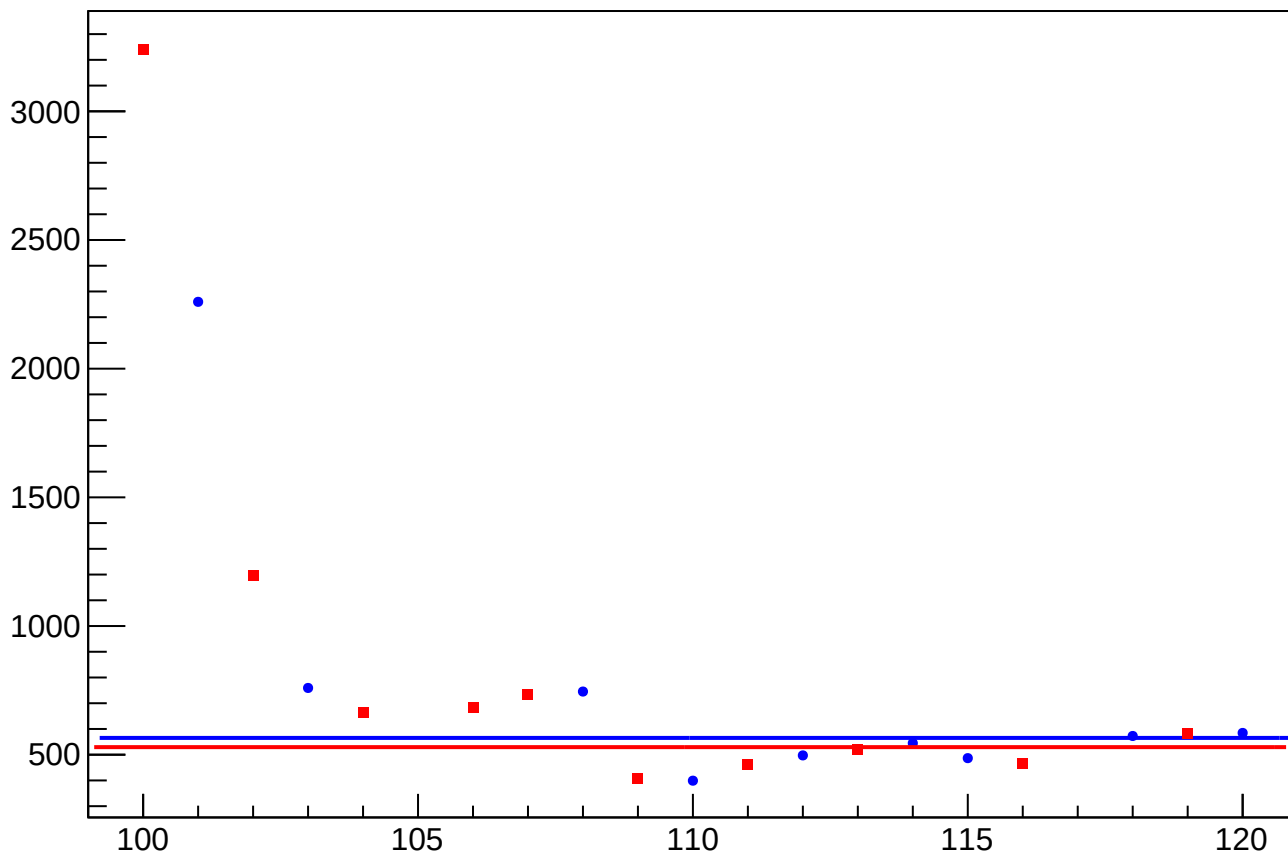
Right: 519.486+/-212.270 χ^2/NDF : 8.5/18

In: 199.449+/-318.610 χ^2/NDF : 4.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 519.486+/-212.270 χ^2/NDF : 8.5/18

asym_atr1_cor_correction_rms vs Slug, Sign Corrected



Right In: 565.267+/-0.225 χ^2/NDF : 1015880.1/8

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

Right Out: 529.404+/-0.201 χ^2/NDF : 579208.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

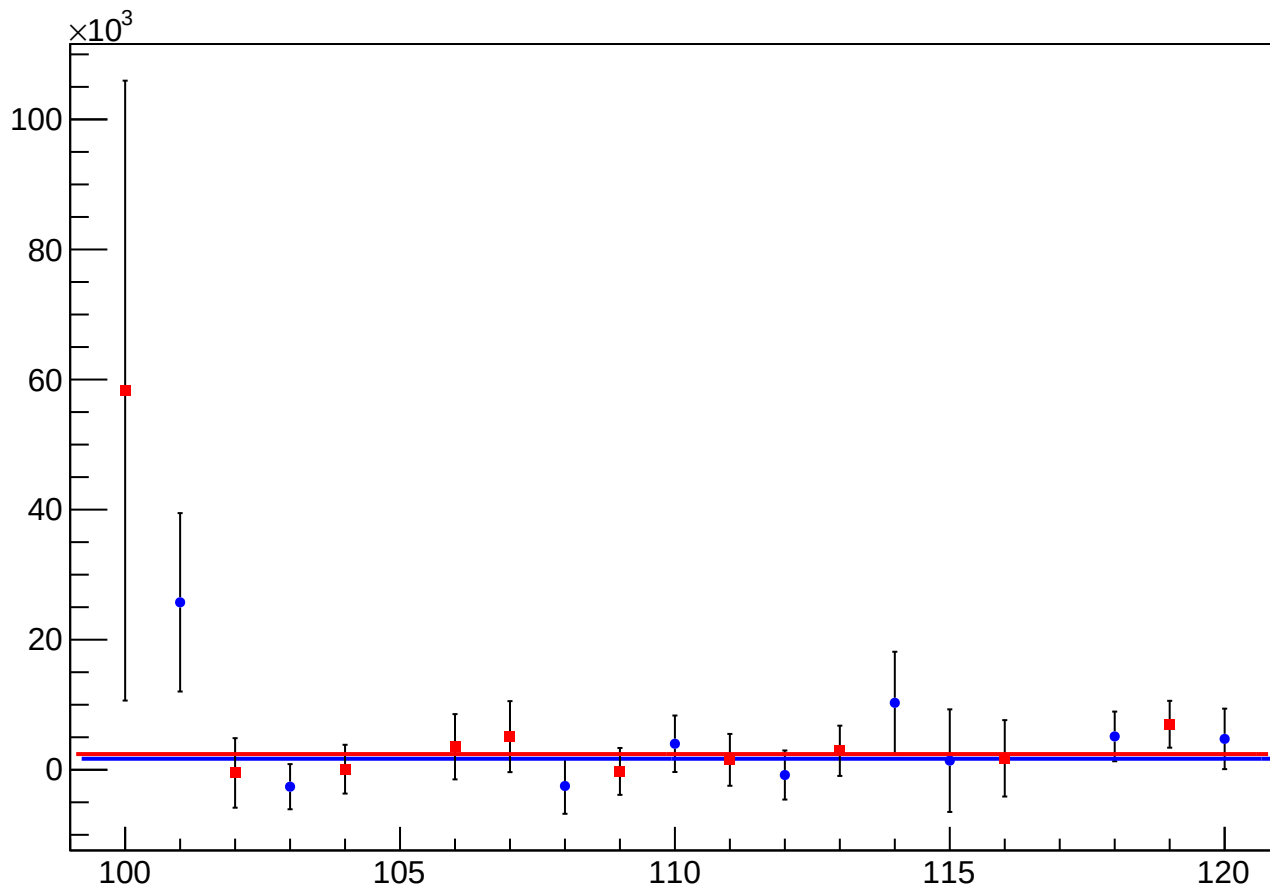
Right: 545.323+/-0.150 χ^2/NDF : 1609180.3/18

In: 565.267+/-0.225 χ^2/NDF : 1015880.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 545.323+/-0.150 χ^2/NDF : 1609180.3/18

eigen_cor_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1696.212+/-1555.381 χ^2/NDF : 8.7/8

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

Right Out: 2414.617+/-1424.503 χ^2/NDF : 4.6/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

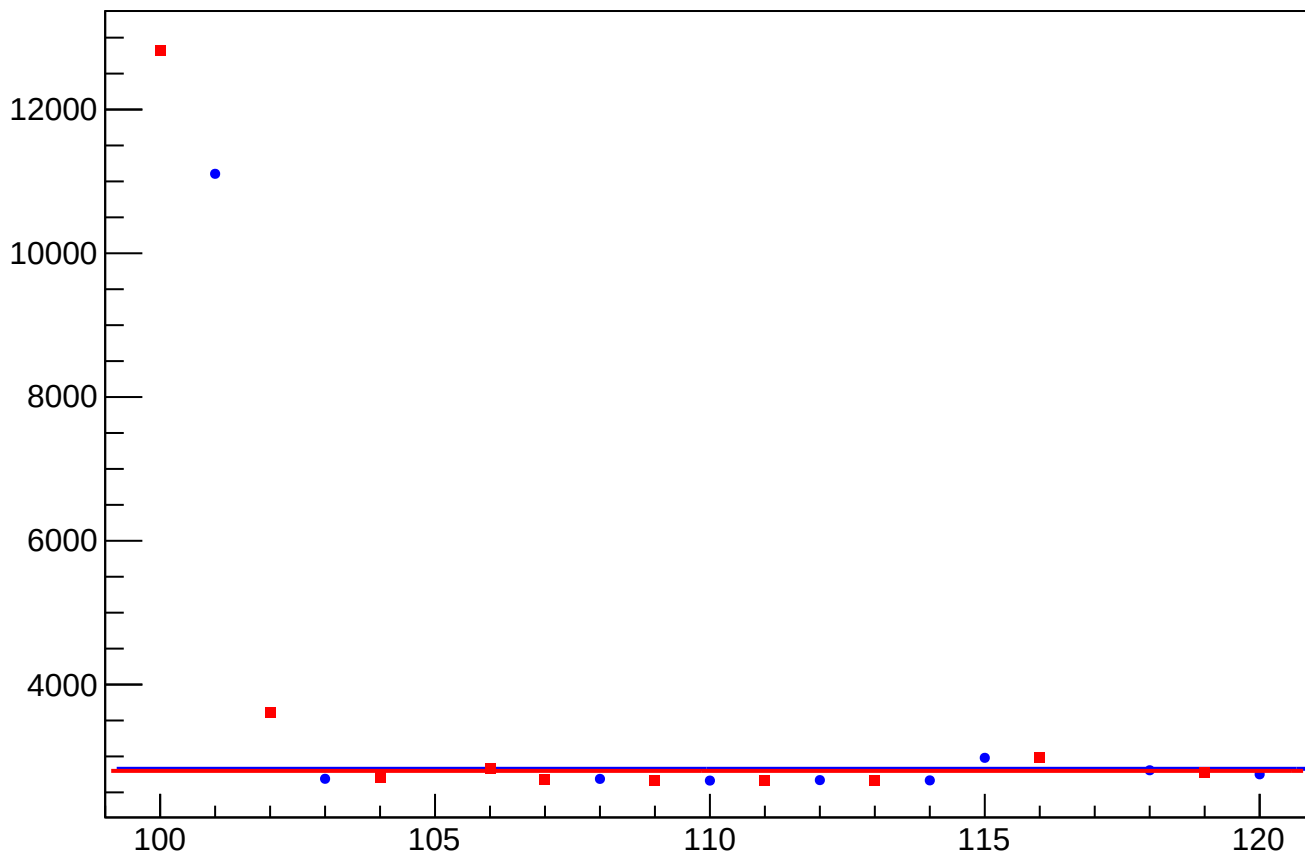
Right: 2086.907+/-1050.503 χ^2/NDF : 13.4/18

In: 1696.212+/-1555.381 χ^2/NDF : 8.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2086.907+/-1050.503 χ^2/NDF : 13.4/18

eigen_cor_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2827.836+/-1.100 χ^2/NDF : 742297.4/8

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

Right Out: 2798.886+/-1.007 χ^2/NDF : 145930.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

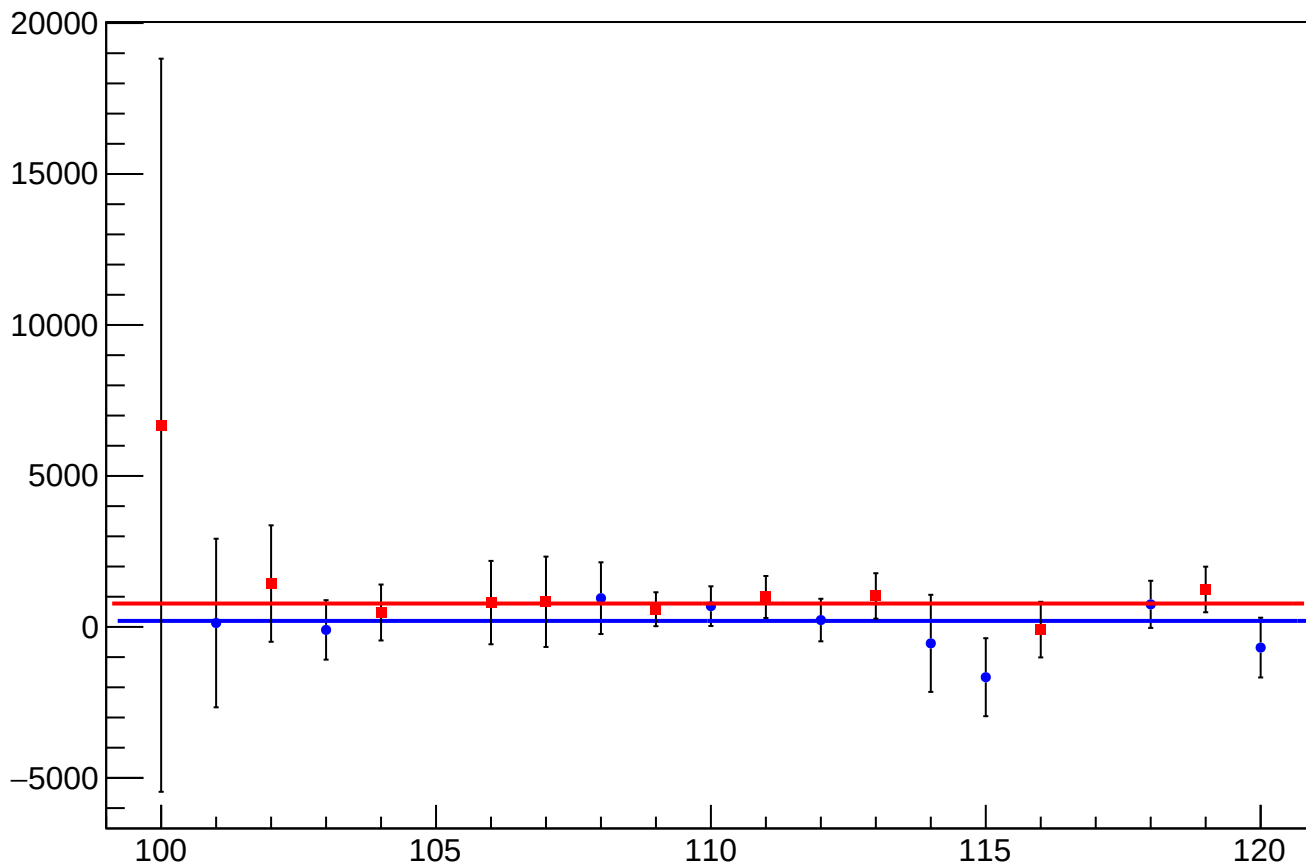
Right: 2812.092+/-0.743 χ^2/NDF : 888604.8/18

In: 2827.836+/-1.100 χ^2/NDF : 742297.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2812.092+/-0.743 χ^2/NDF : 888604.8/18

asym_atr1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 199.449+/-318.610 χ^2/NDF : 4.6/8

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

Right Out: 774.924+/-284.644 χ^2/NDF : 2.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

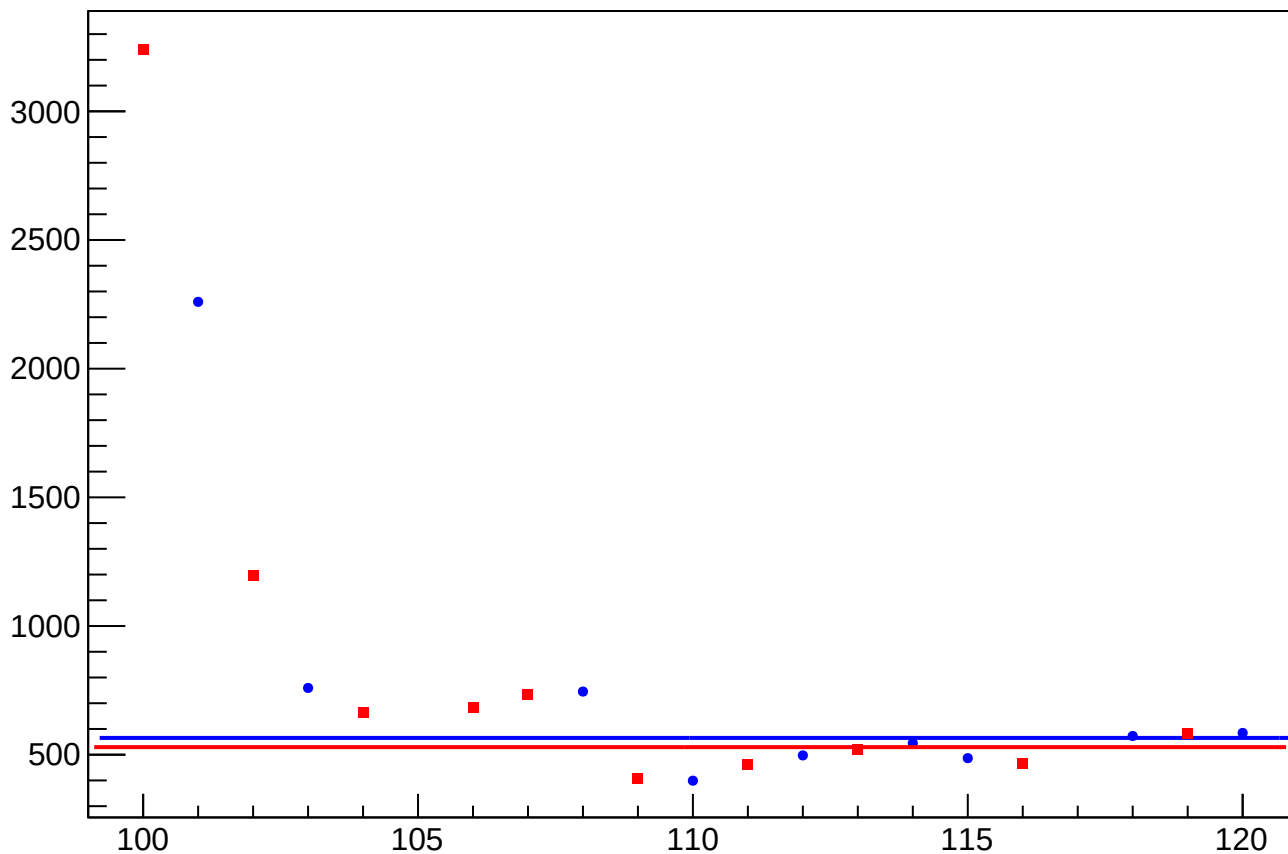
Right: 519.486+/-212.270 χ^2/NDF : 8.5/18

In: 199.449+/-318.610 χ^2/NDF : 4.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 519.486+/-212.270 χ^2/NDF : 8.5/18

asym_atr1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 565.267+/-0.225 χ^2/NDF : 1015880.1/8

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

Right Out: 529.404+/-0.201 χ^2/NDF : 579208.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

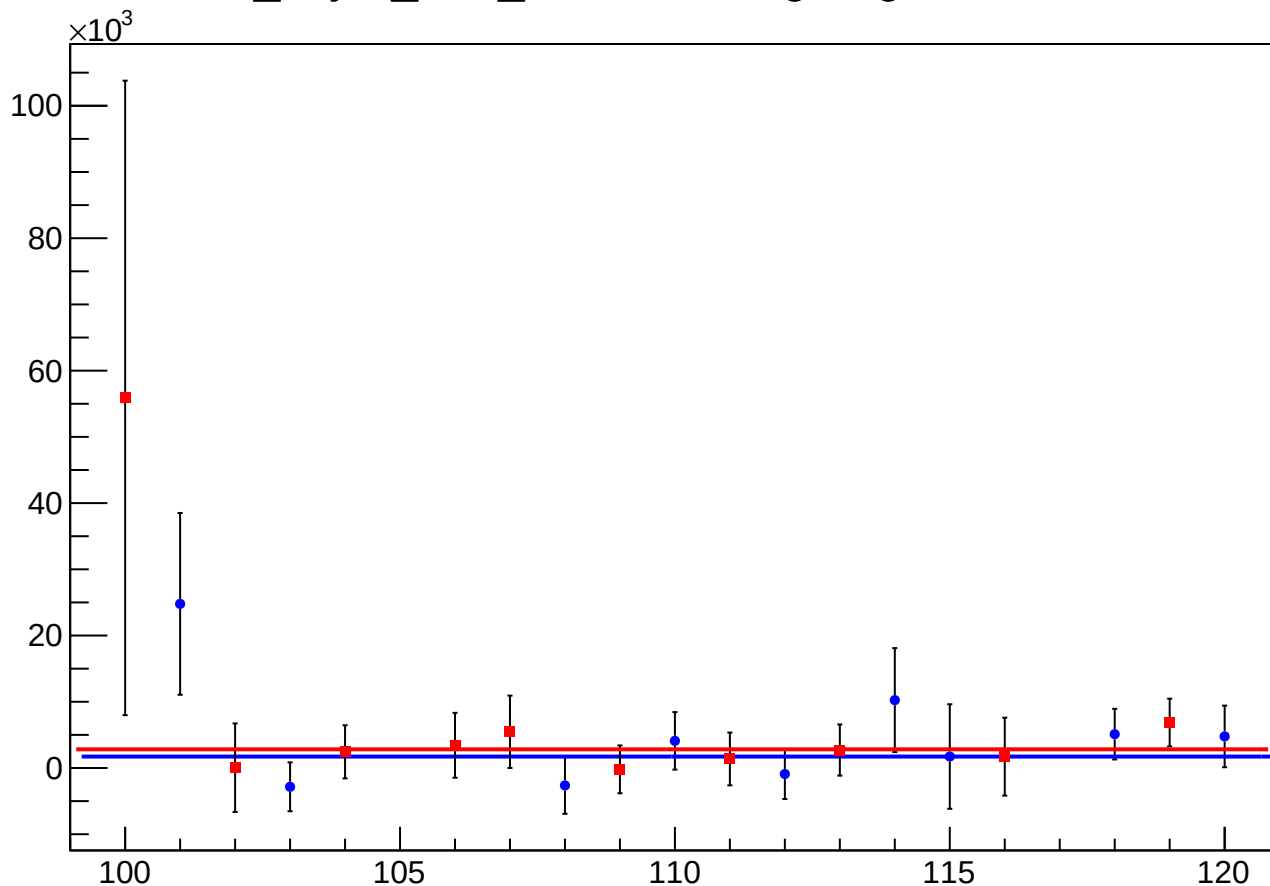
Right: 545.323+/-0.150 χ^2/NDF : 1609180.3/18

In: 565.267+/-0.225 χ^2/NDF : 1015880.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 545.323+/-0.150 χ^2/NDF : 1609180.3/18

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1726.653+/-1574.397 χ^2/NDF : 8.6/8

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

Right Out: 2820.879+/-1454.527 χ^2/NDF : 3.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

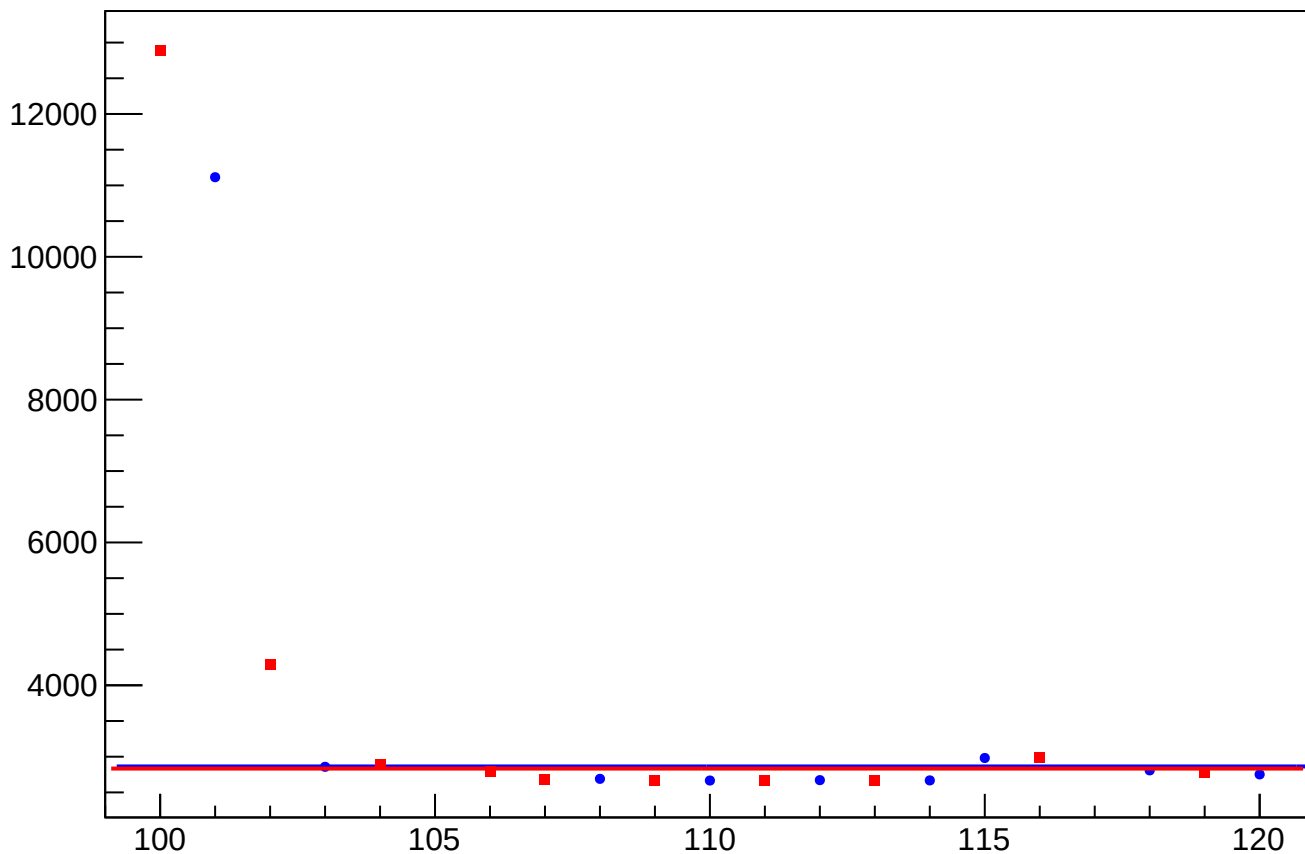
Right: 2317.002+/-1068.373 χ^2/NDF : 12.6/18

In: 1726.653+/-1574.397 χ^2/NDF : 8.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2317.002+/-1068.373 χ^2/NDF : 12.6/18

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2863.217+/-1.113 χ^2/NDF : 738388.9/8

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

Right Out: 2833.885+/-1.029 χ^2/NDF : 199055.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

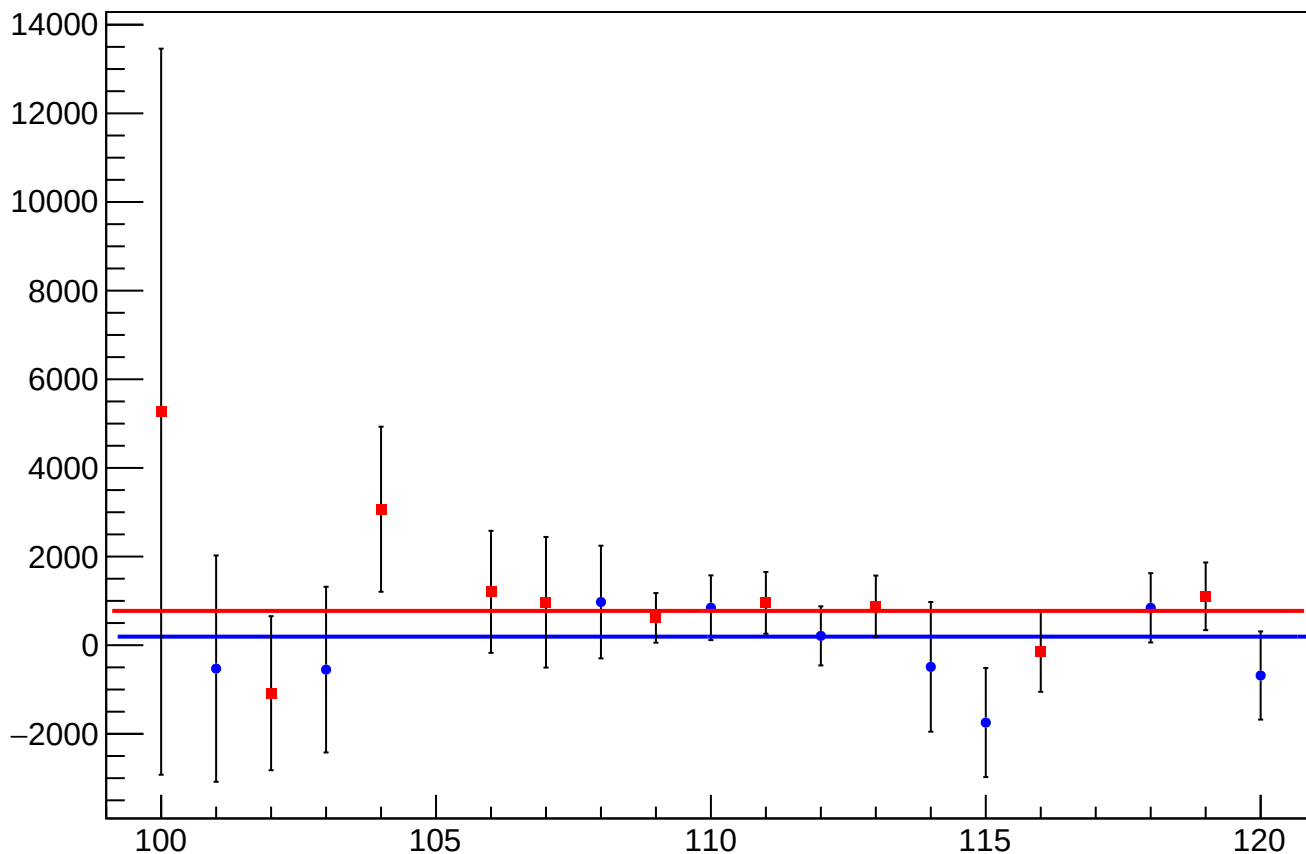
Right: 2847.392+/-0.755 χ^2/NDF : 937818.9/18

In: 2863.217+/-1.113 χ^2/NDF : 738388.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2847.392+/-0.755 χ^2/NDF : 937818.9/18

asym_atr1_dit_correction_mean vs Slug, Sign Corrected



Right In: 193.304+/-334.032 χ^2 /NDF: 5.6/8

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

Right Out: 774.394+/-290.693 χ^2 /NDF: 4.4/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

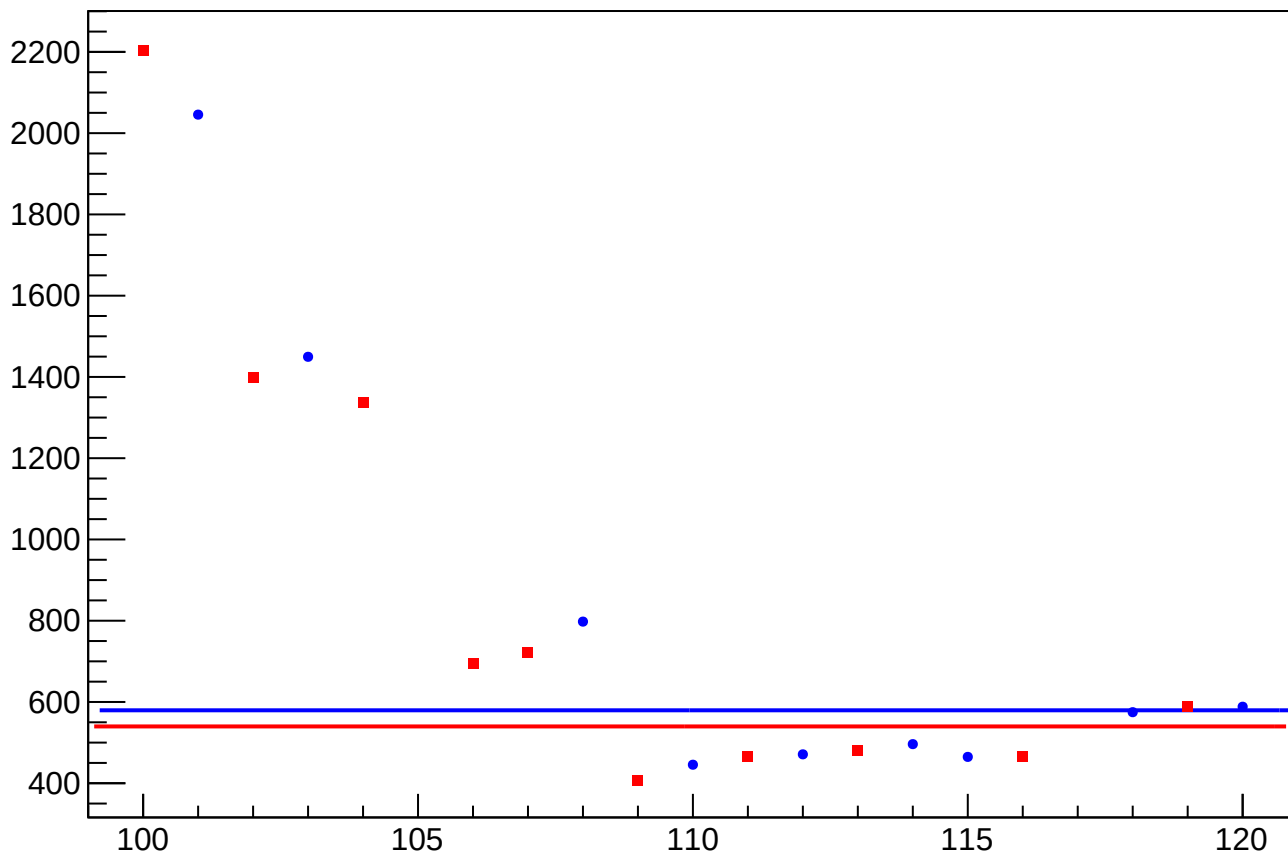
Right: 523.967+/-219.284 χ^2 /NDF: 11.7/18

In: 193.304+/-334.032 χ^2 /NDF:5.6/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 523.967+/-219.284 χ^2 /NDF: 11.7/18

asym_atr1_dit_correction_rms vs Slug, Sign Corrected



Right In: 579.516+/-0.236 χ^2/NDF : 1295535.9/8

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

Right Out: 539.799+/-0.206 χ^2/NDF : 1164953.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

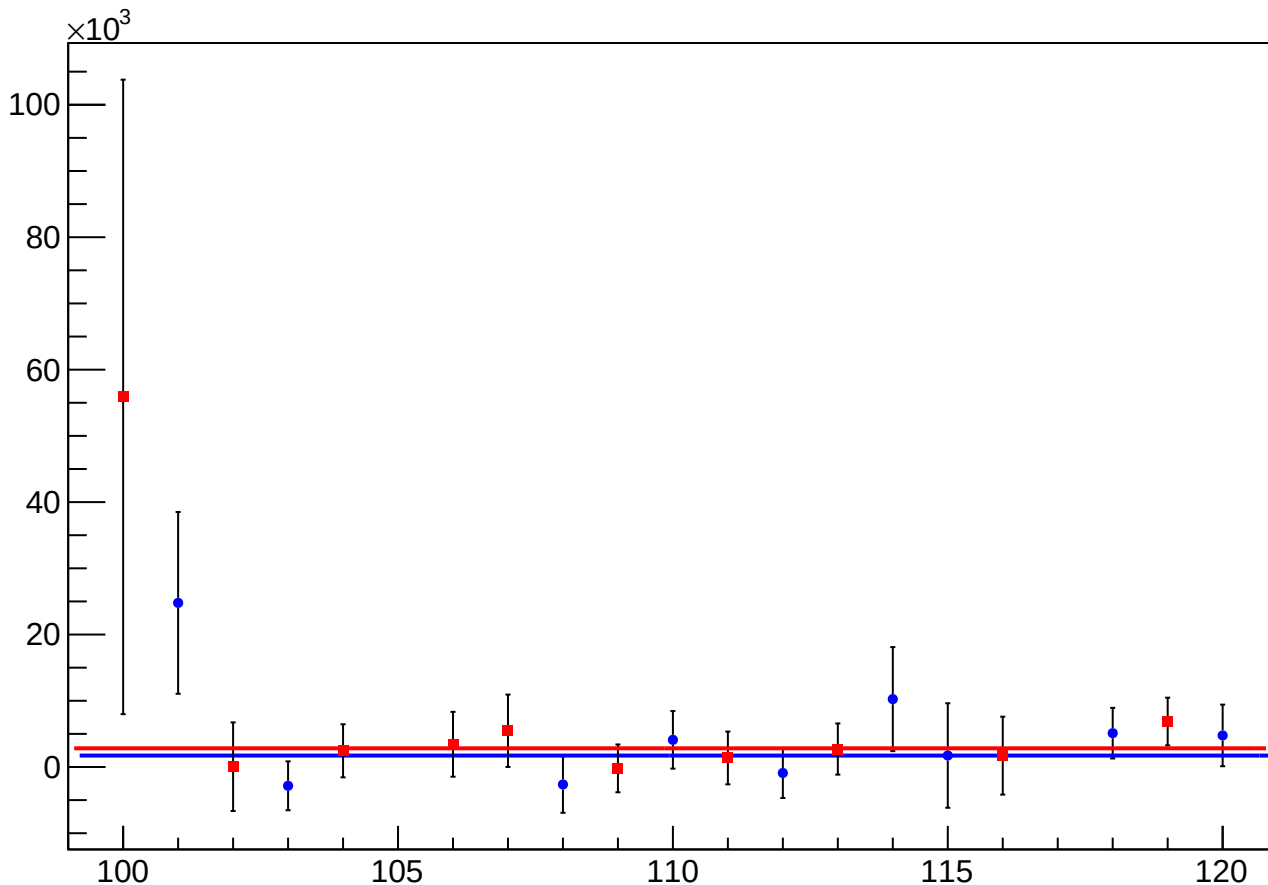
Right: 556.916+/-0.155 χ^2/NDF : 2476578.9/18

In: 579.516+/-0.236 χ^2/NDF : 1295535.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 556.916+/-0.155 χ^2/NDF : 2476578.9/18

eigen_dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1726.653+/-1574.397 χ^2 /NDF: 8.6/8

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

Right Out: 2820.876+/-1454.526 χ^2 /NDF: 3.8/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

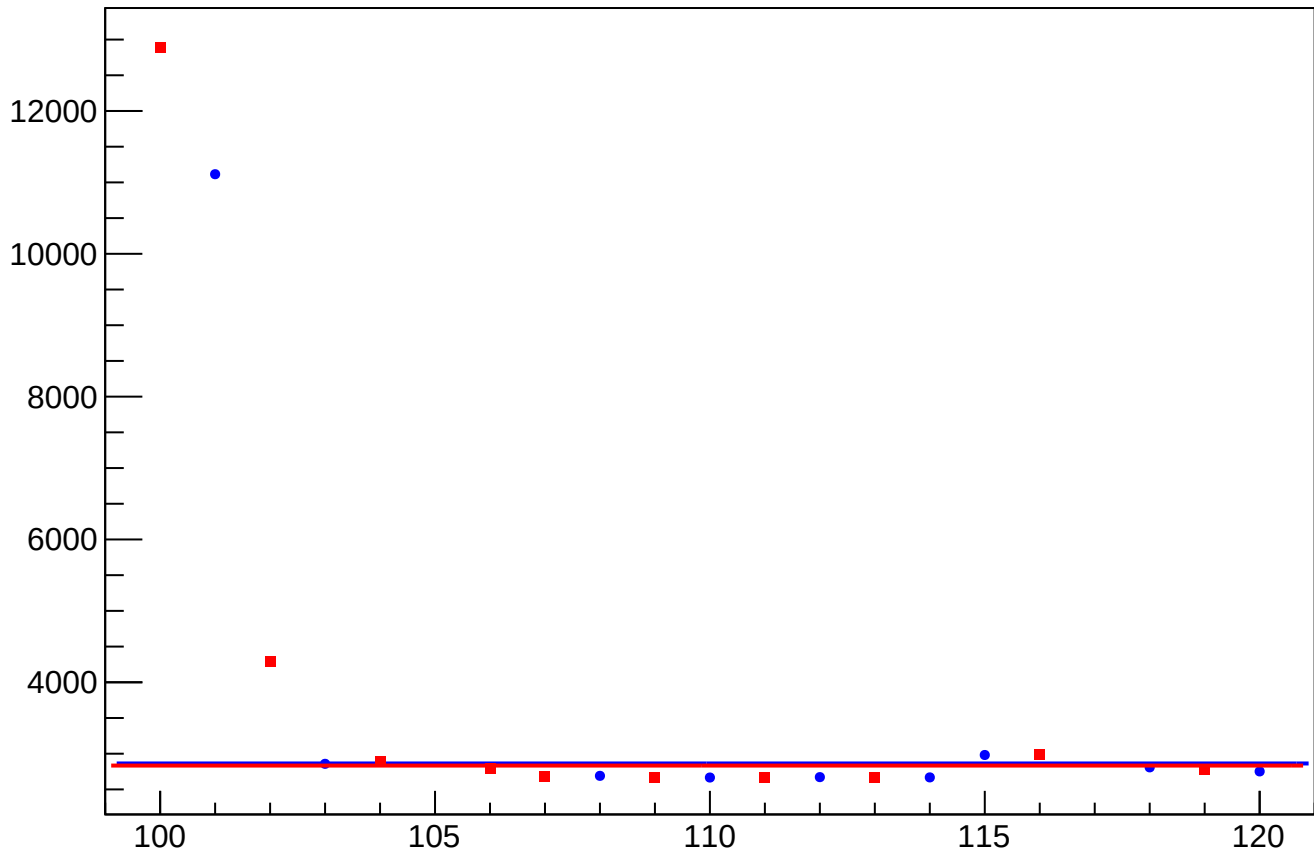
Right: 2317.001+/-1068.373 χ^2 /NDF: 12.6/18

In: 1726.653+/-1574.397 χ^2 /NDF:8.6/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2317.001+/-1068.373 χ^2 /NDF: 12.6/18

eigen_dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2863.217+/-1.113 χ^2/NDF : 738388.9/8

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

Right Out: 2833.884+/-1.029 χ^2/NDF : 199055.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

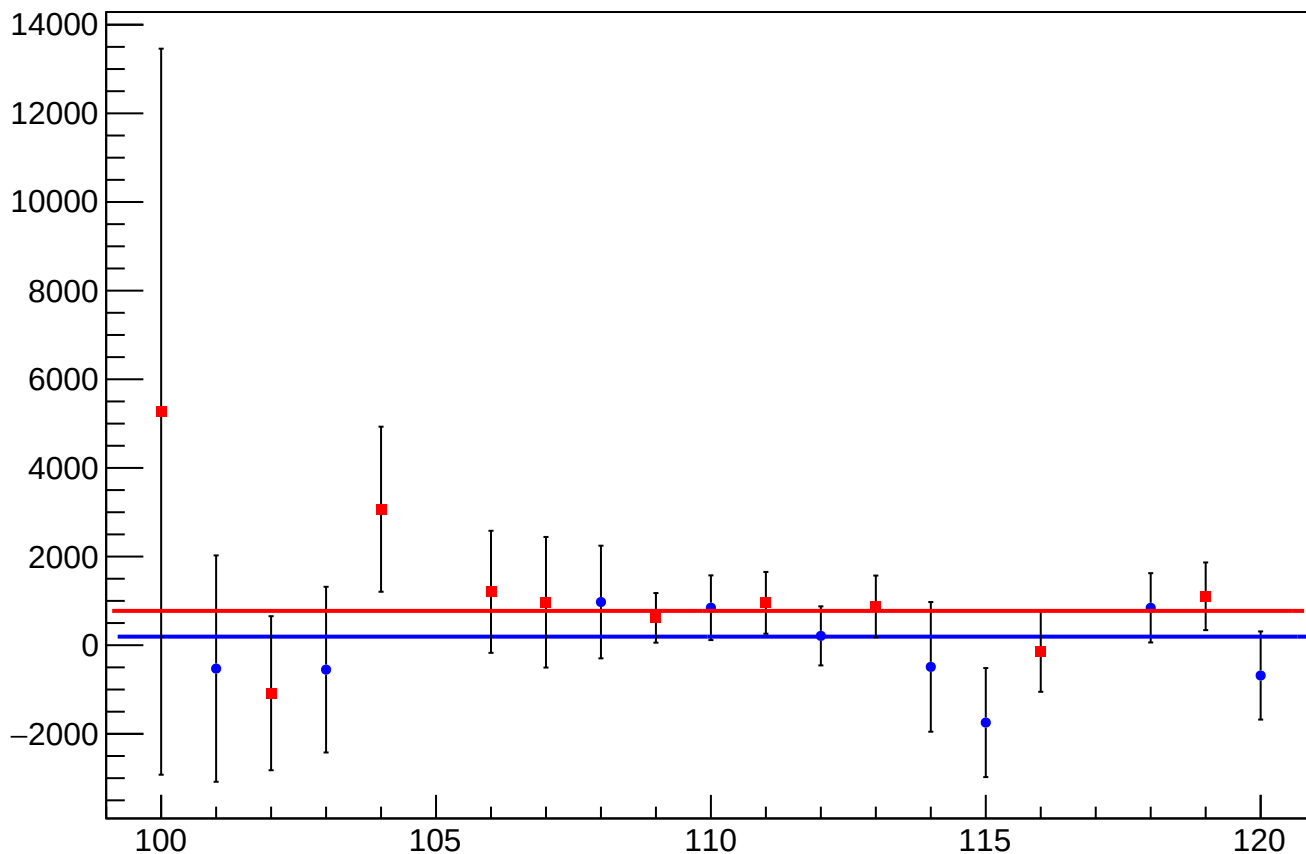
Right: 2847.391+/-0.755 χ^2/NDF : 937818.7/18

In: 2863.217+/-1.113 χ^2/NDF : 738388.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2847.391+/-0.755 χ^2/NDF : 937818.7/18

asym_atr1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 193.305+/-334.032 χ^2/NDF : 5.6/8

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

Right Out: 774.394+/-290.693 χ^2/NDF : 4.4/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

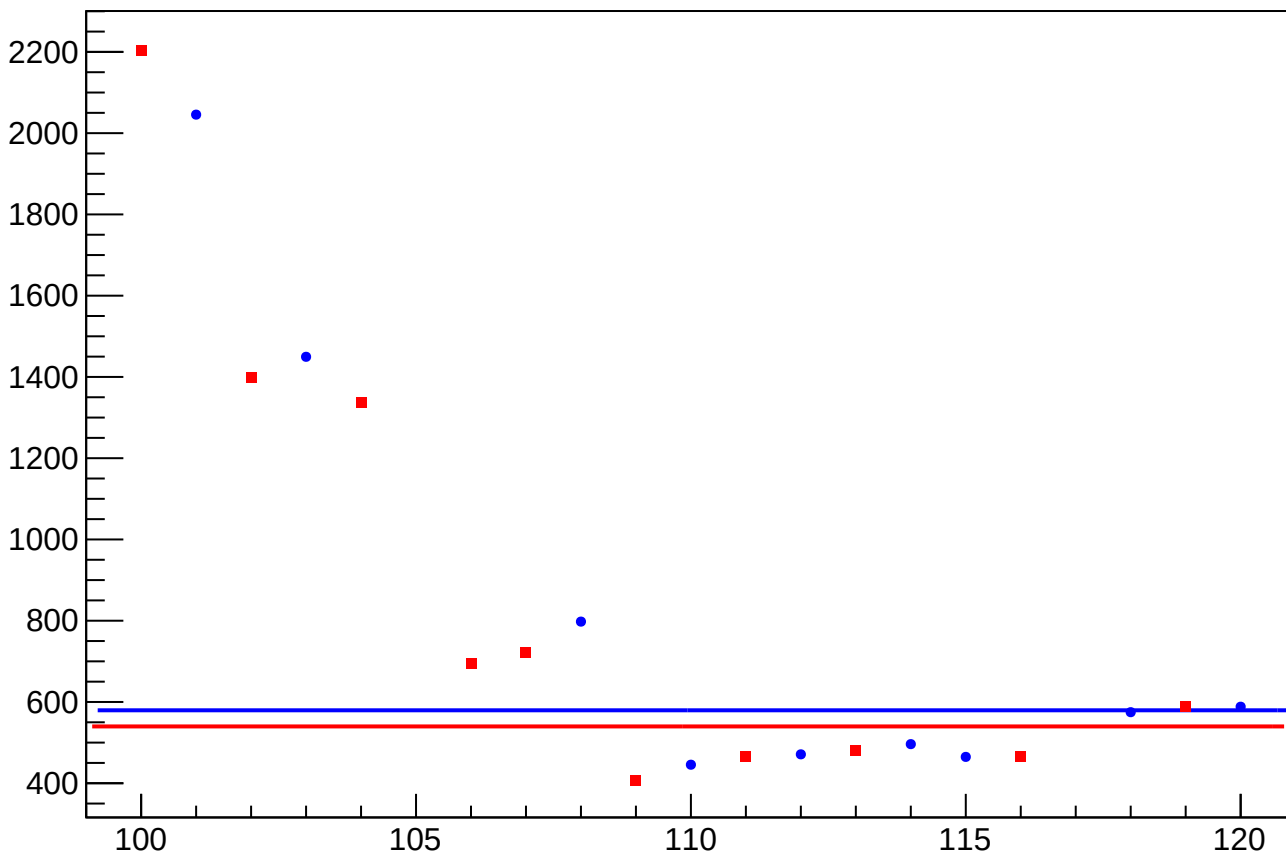
Right: 523.968+/-219.284 χ^2/NDF : 11.7/18

In: 193.305+/-334.032 χ^2/NDF : 5.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 523.968+/-219.284 χ^2/NDF : 11.7/18

asym_atr1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 579.517+/-0.236 χ^2/NDF : 1295528.9/8

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

Right Out: 539.799+/-0.206 χ^2/NDF : 1164948.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

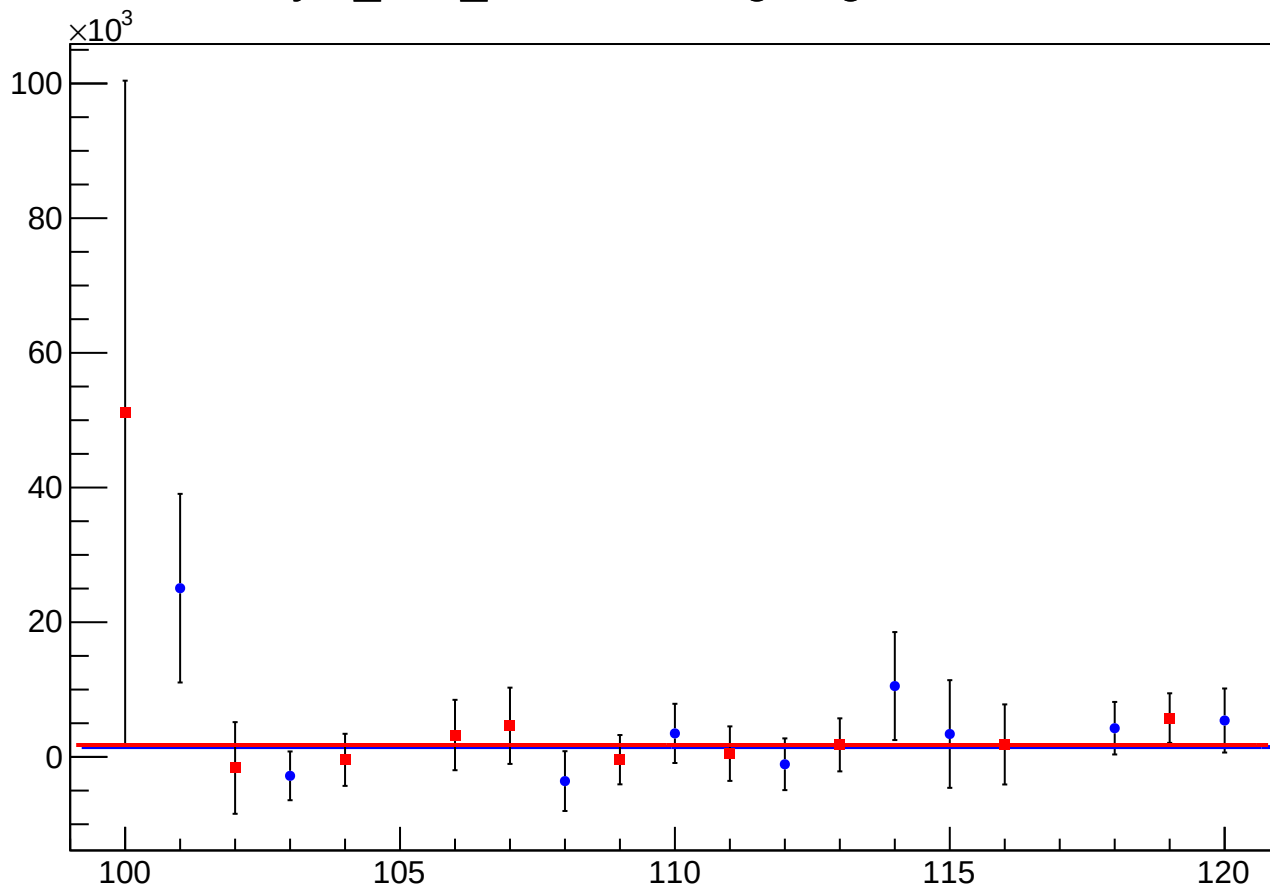
Right: 556.916+/-0.155 χ^2/NDF : 2476568.3/18

In: 579.517+/-0.236 χ^2/NDF : 1295528.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 556.916+/-0.155 χ^2/NDF : 2476568.3/18

asym_atr1_mean vs Slug, Sign Corrected



Right In: 1460.807+/-1595.432 χ^2/NDF : 8.7/8

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

Right Out: 1768.677+/-1476.225 χ^2/NDF : 3.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

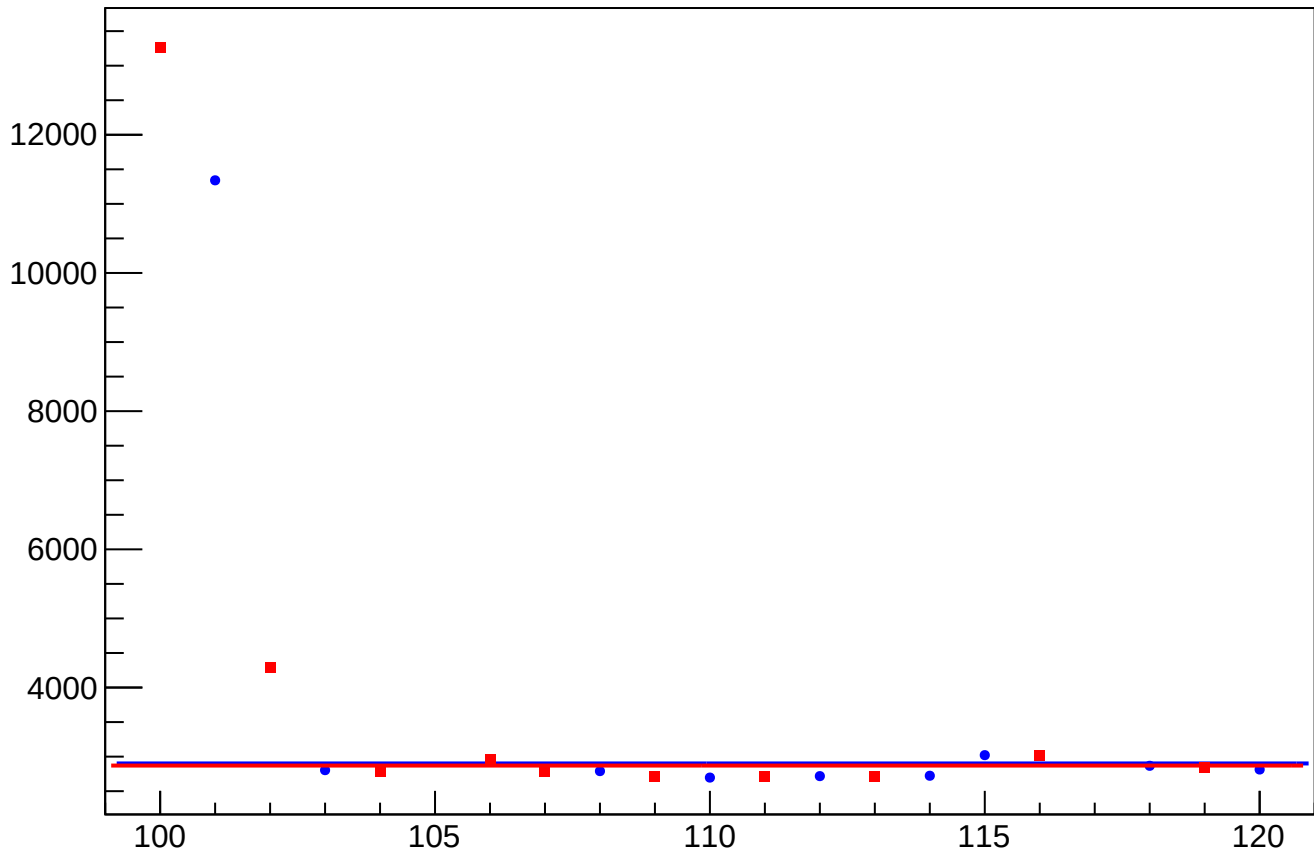
Right: 1626.672+/-1083.544 χ^2/NDF : 12.3/18

In: 1460.807+/-1595.432 χ^2/NDF : 8.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1626.672+/-1083.544 χ^2/NDF : 12.3/18

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2901.276+/-1.128 χ^2/NDF : 740065.3/8

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

Right Out: 2870.737+/-1.044 χ^2/NDF : 190135.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

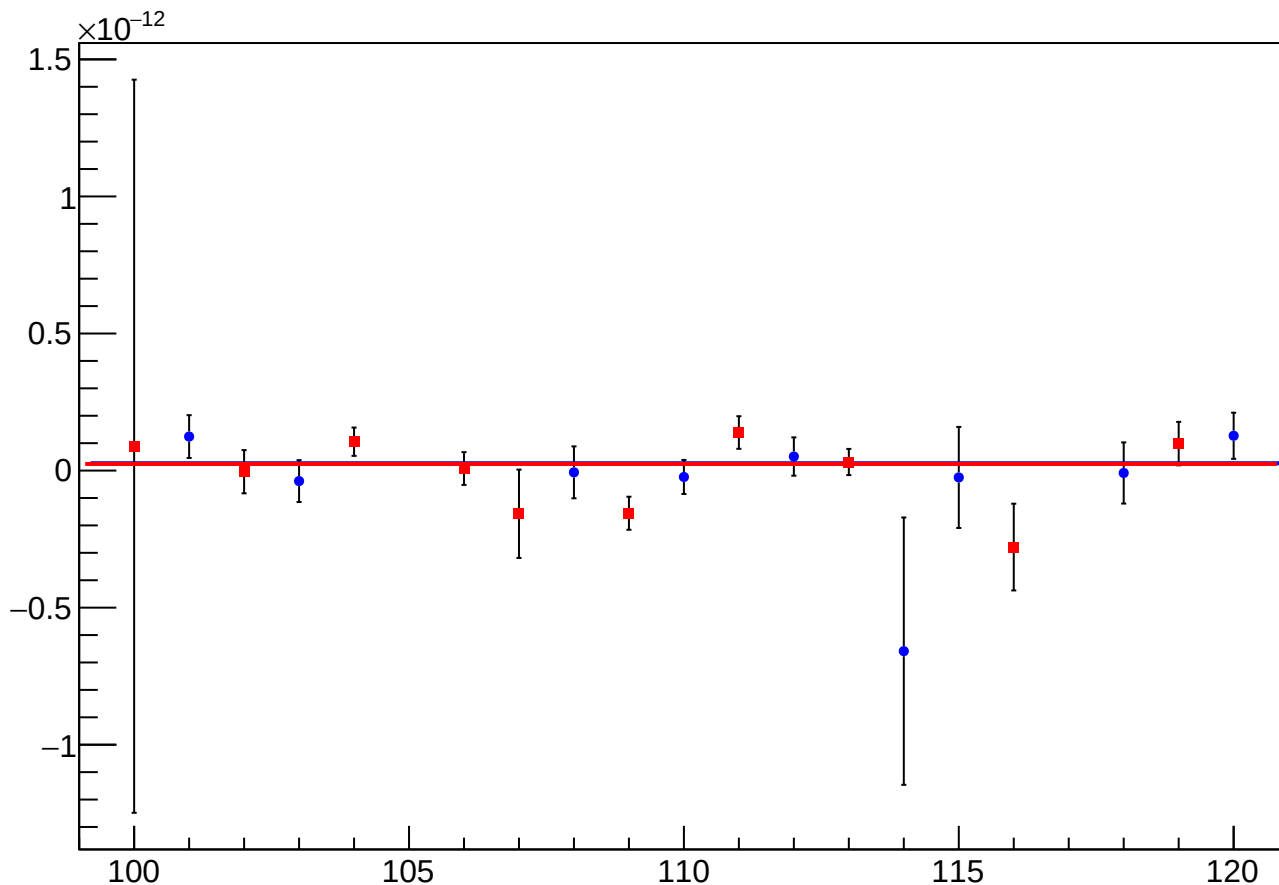
Right: 2884.823+/-0.766 χ^2/NDF : 930595.1/18

In: 2901.276+/-1.128 χ^2/NDF : 740065.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2884.823+/-0.766 χ^2/NDF : 930595.1/18

asym_atr1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.7/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 21.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

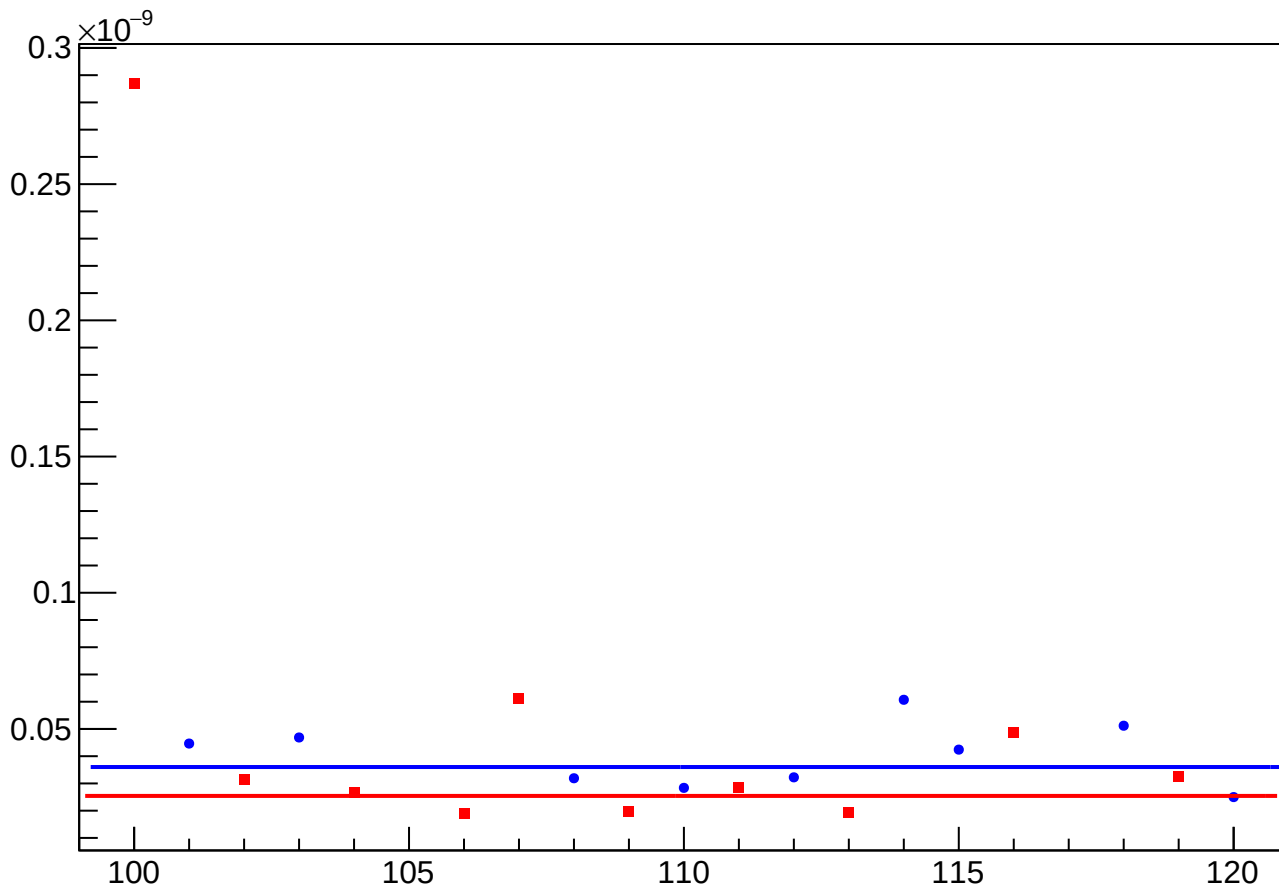
Right: 0.000+/-0.000 χ^2/NDF : 27.9/18

In: 0.000+/-0.000 χ^2/NDF : 6.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.9/18

asym_atr1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 183594.1/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 326771.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

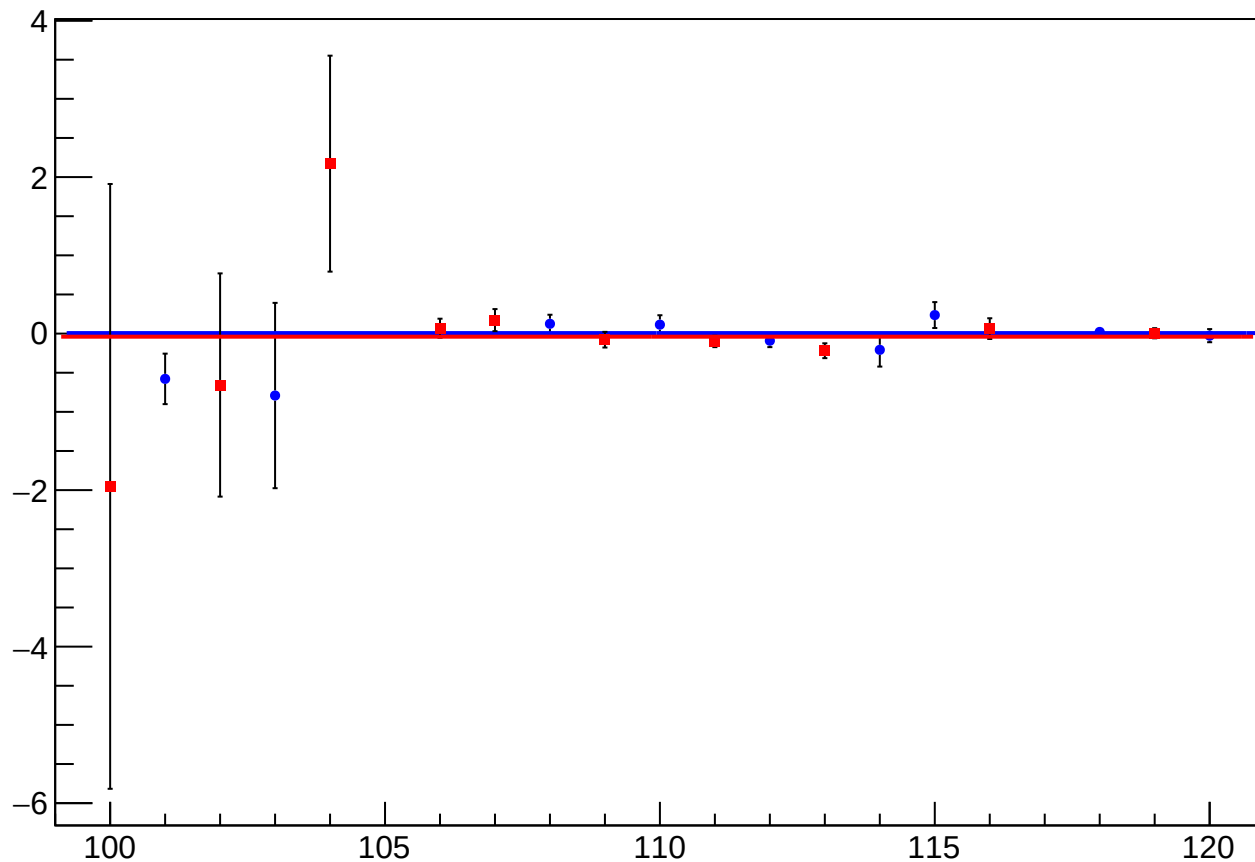
Right: 0.000+/-0.000 χ^2/NDF : 677664.9/18

In: 0.000+/-0.000 χ^2/NDF : 183594.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 677664.9/18

asym_atr1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007+/-0.034 χ^2/NDF : 10.2/8

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

Right Out: -0.039+/-0.035 χ^2/NDF : 11.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

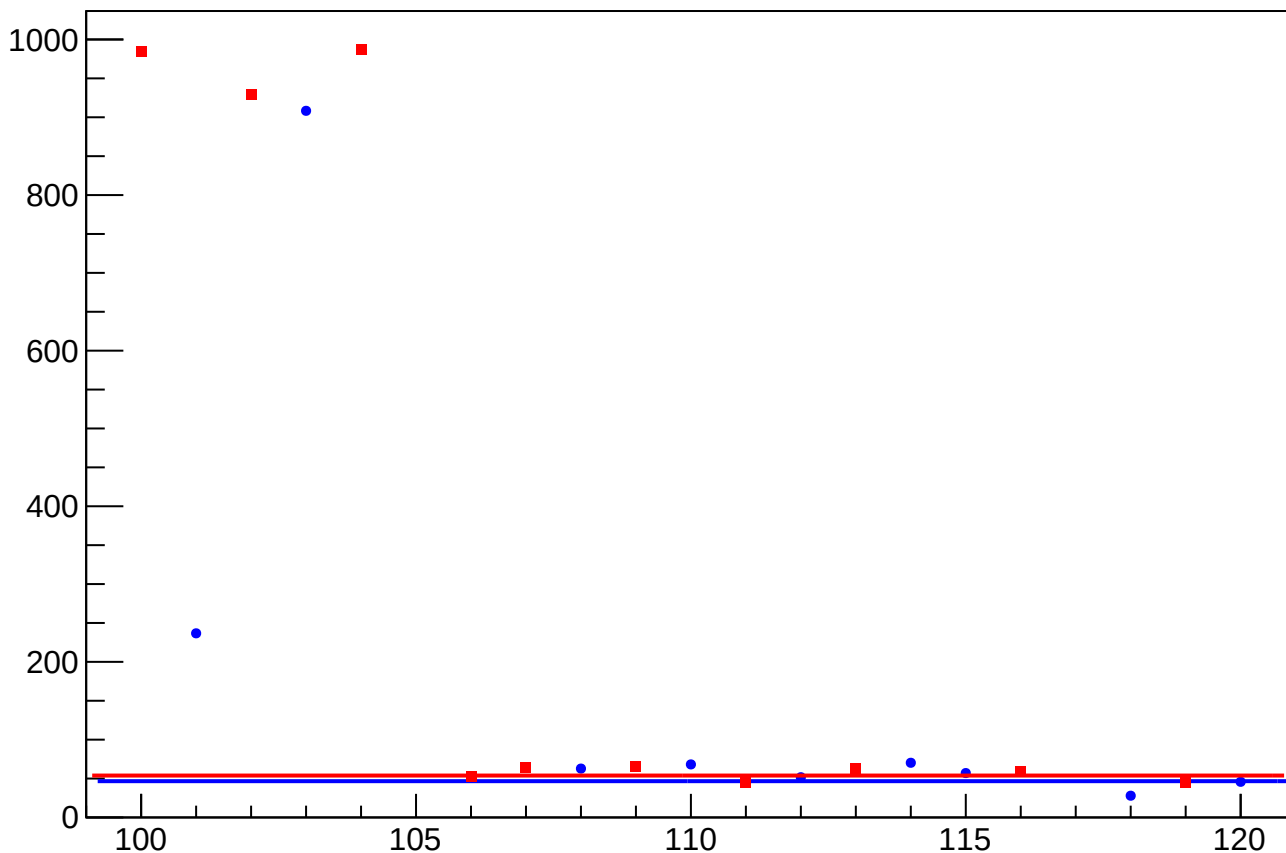
Right: -0.016+/-0.024 χ^2/NDF : 22.6/18

In: 0.007+/-0.034 χ^2/NDF : 10.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.024 χ^2/NDF : 22.6/18

asym_atr1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.635+/-0.024 χ^2/NDF : 2145856.7/8

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

Right Out: 53.865+/-0.025 χ^2/NDF : 1918484.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

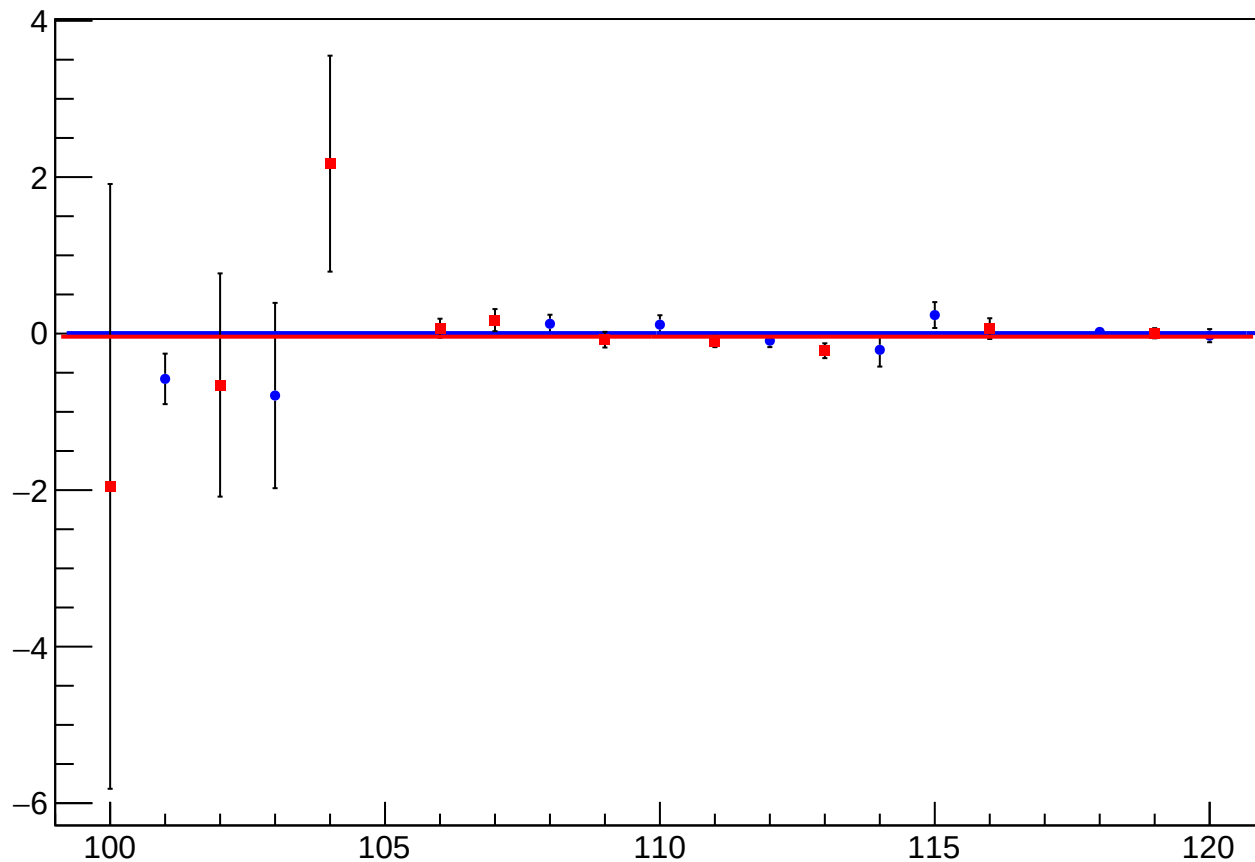
Right: 50.150+/-0.017 χ^2/NDF : 4108017.4/18

In: 46.635+/-0.024 χ^2/NDF : 2145856.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.150+/-0.017 χ^2/NDF : 4108017.4/18

asym_atr1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007+/-0.034 χ^2/NDF : 10.2/8

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

Right Out: -0.039+/-0.035 χ^2/NDF : 11.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

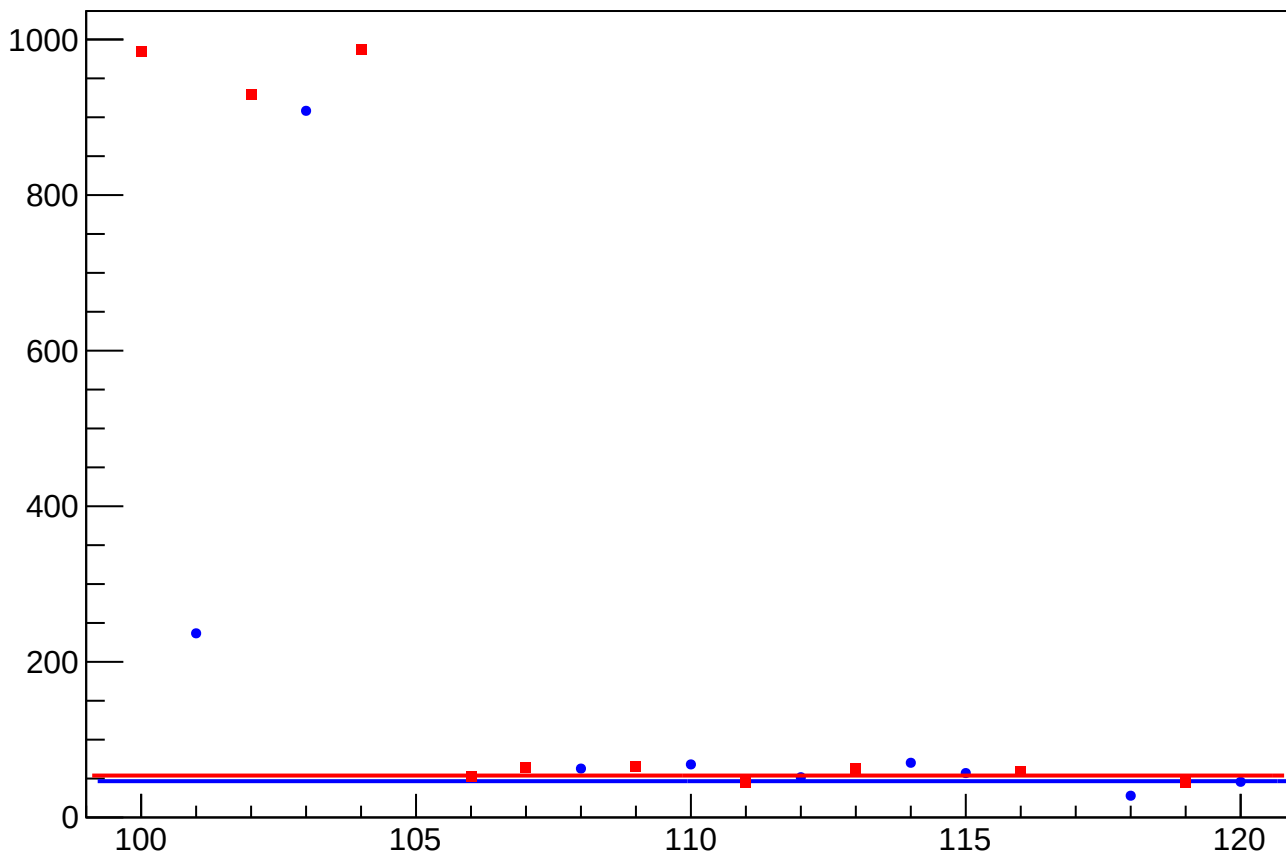
Right: -0.016+/-0.024 χ^2/NDF : 22.6/18

In: 0.007+/-0.034 χ^2/NDF :10.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.016+/-0.024 χ^2/NDF : 22.6/18

asym_atr1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.635+/-0.024 χ^2/NDF : 2145856.7/8

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

Right Out: 53.865+/-0.025 χ^2/NDF : 1918484.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

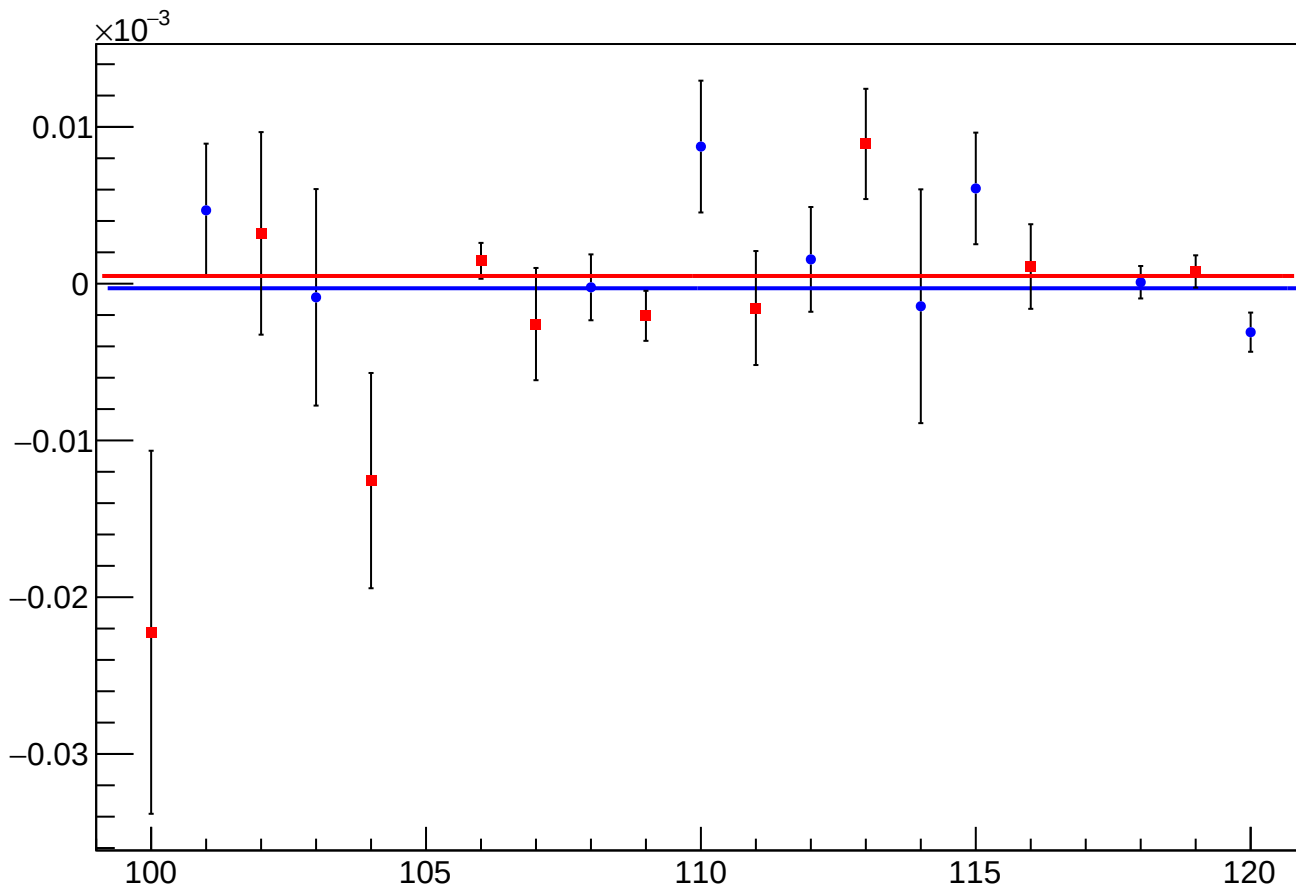
Right: 50.150+/-0.017 χ^2/NDF : 4108017.4/18

In: 46.635+/-0.024 χ^2/NDF : 2145856.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.150+/-0.017 χ^2/NDF : 4108017.4/18

asym_atr1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.7/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 17.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

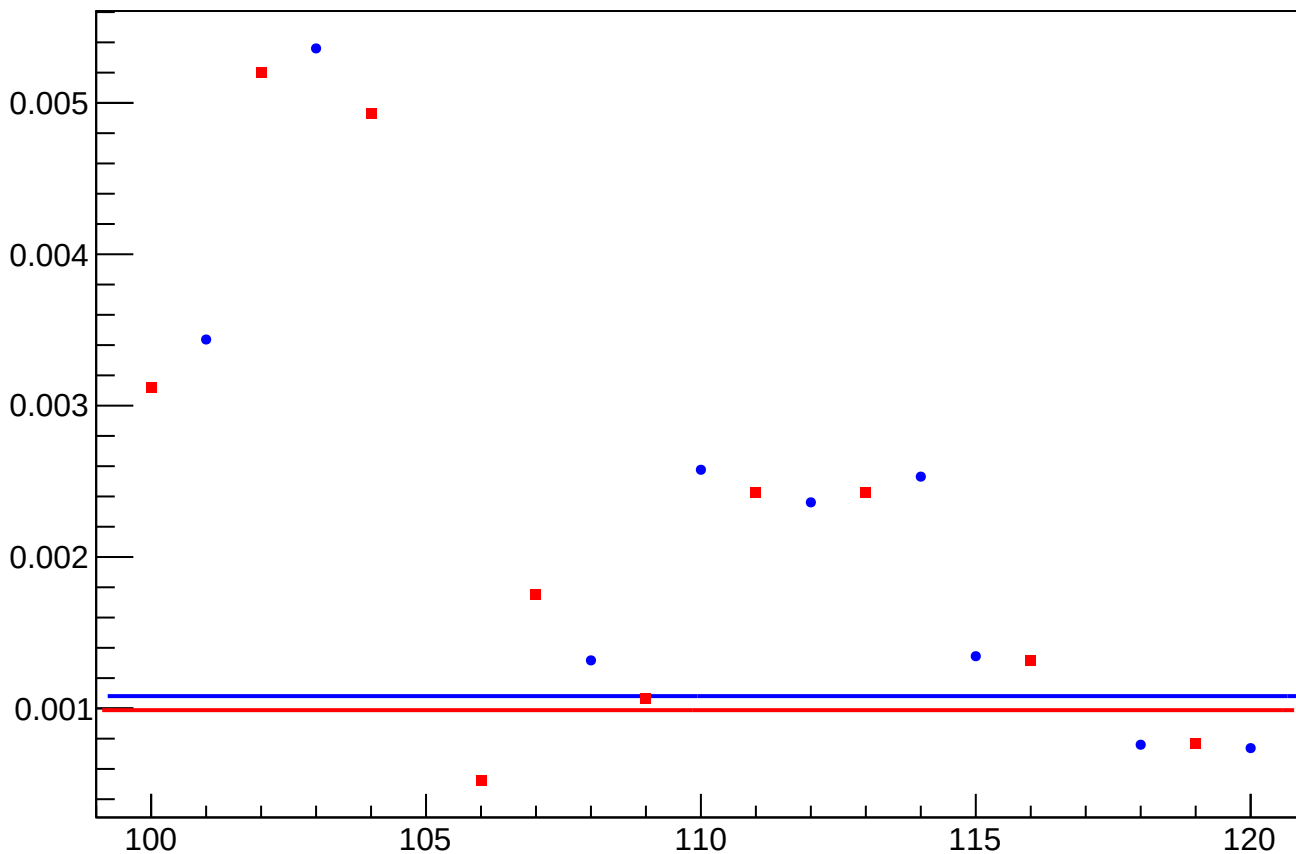
Right: 0.000+/-0.000 χ^2/NDF : 33.2/18

In: -0.000+/-0.000 χ^2/NDF : 14.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.2/18

asym_atr1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2383869.2/8

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

Right Out: 0.001+/-0.000 χ^2/NDF : 2769830.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

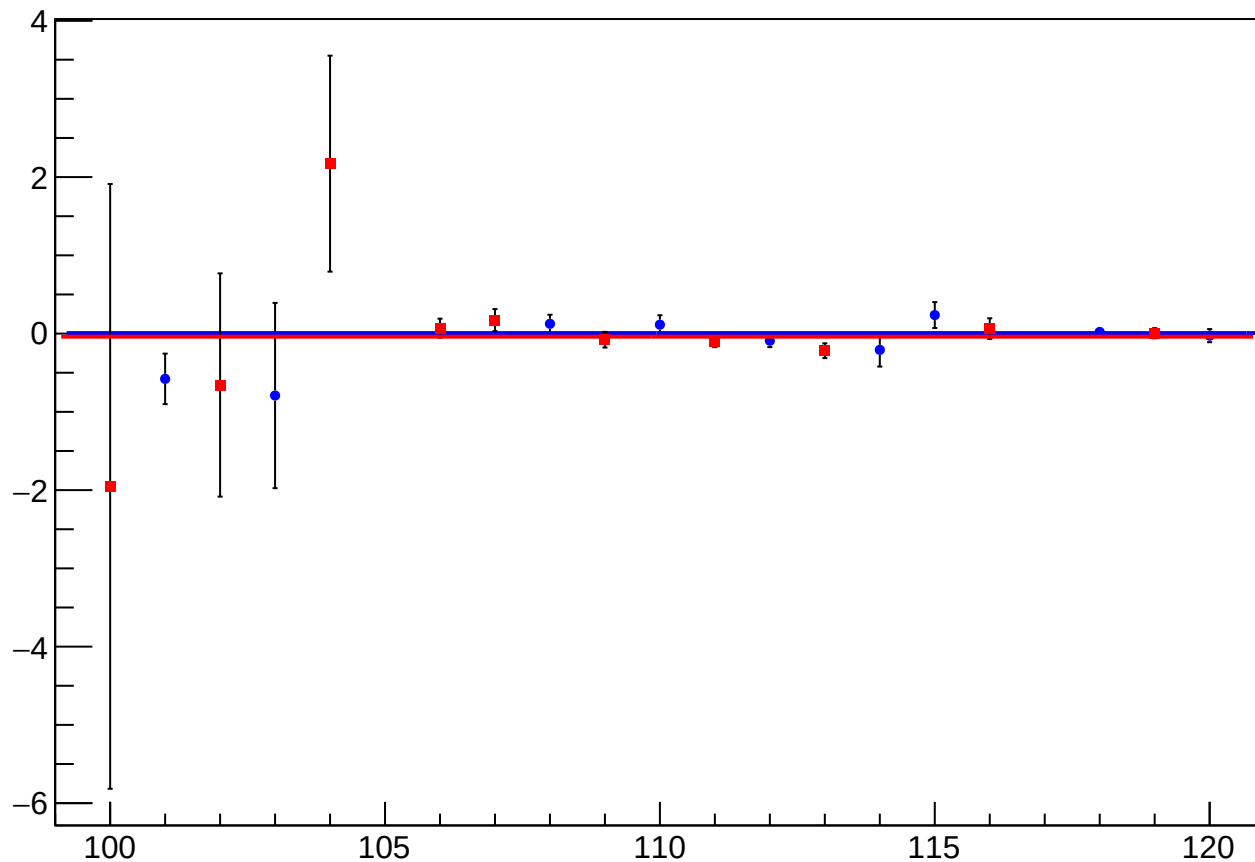
Right: 0.001+/-0.000 χ^2/NDF : 5173531.1/18

In: 0.001+/-0.000 χ^2/NDF :2383869.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5173531.1/18

asym_atr1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007+/-0.034 χ^2/NDF : 10.2/8

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

Right Out: -0.039+/-0.035 χ^2/NDF : 11.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

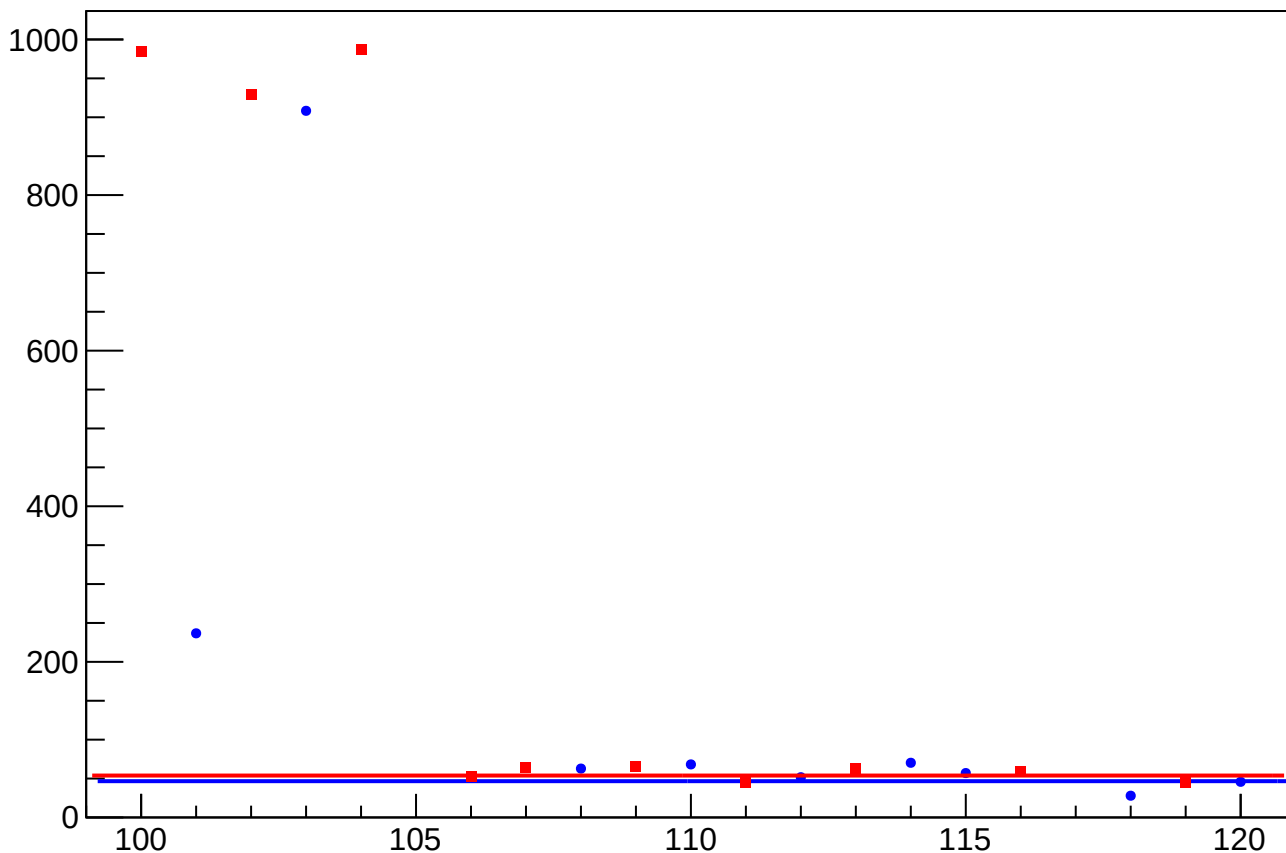
Right: -0.016+/-0.024 χ^2/NDF : 22.6/18

In: 0.007+/-0.034 χ^2/NDF :10.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.016+/-0.024 χ^2/NDF : 22.6/18

asym_atr1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.634+/-0.024 χ^2/NDF : 2145904.6/8

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

Right Out: 53.865+/-0.025 χ^2/NDF : 1918484.6/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

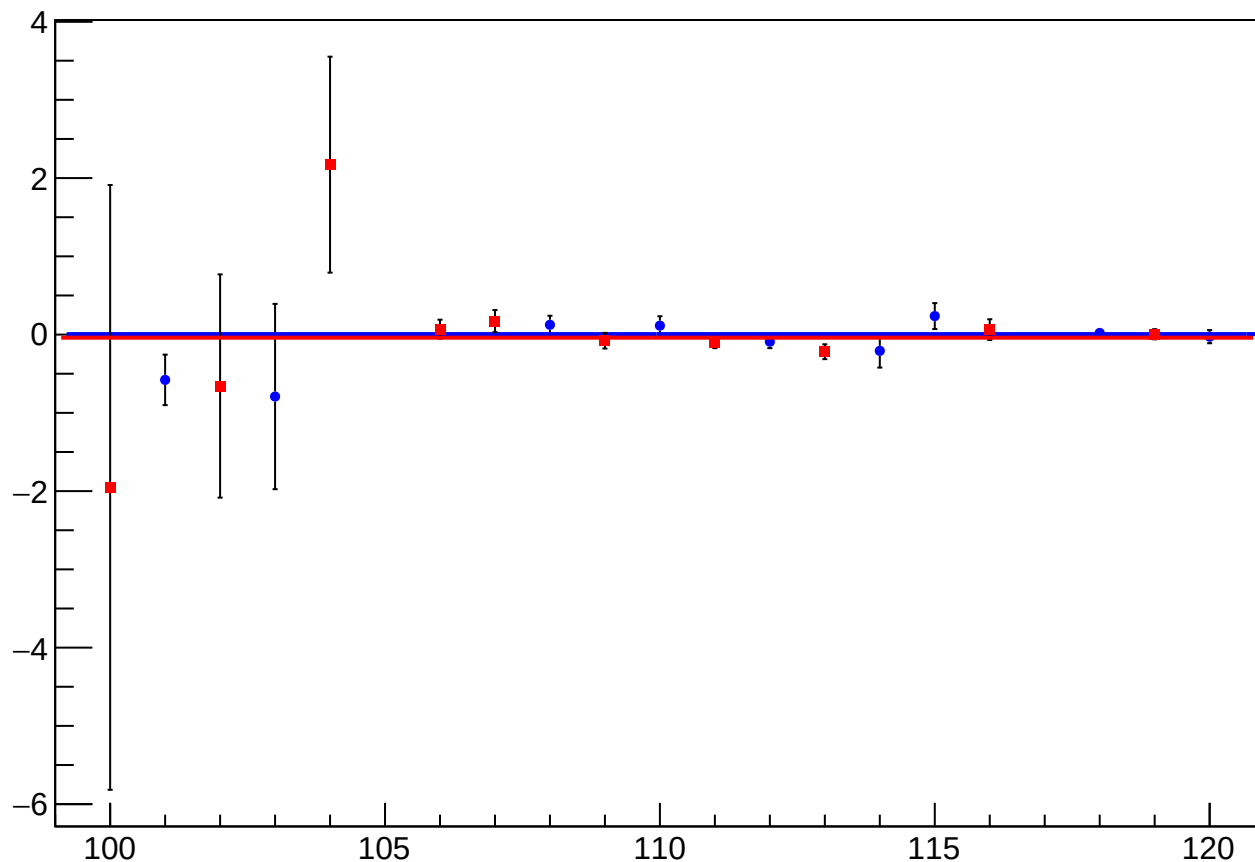
Right: 50.149+/-0.017 χ^2/NDF : 4108075.9/18

In: 46.634+/-0.024 χ^2/NDF : 2145904.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.149+/-0.017 χ^2/NDF : 4108075.9/18

asym_atr1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007+/-0.034 χ^2/NDF : 10.2/8

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

Right Out: -0.039+/-0.035 χ^2/NDF : 11.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

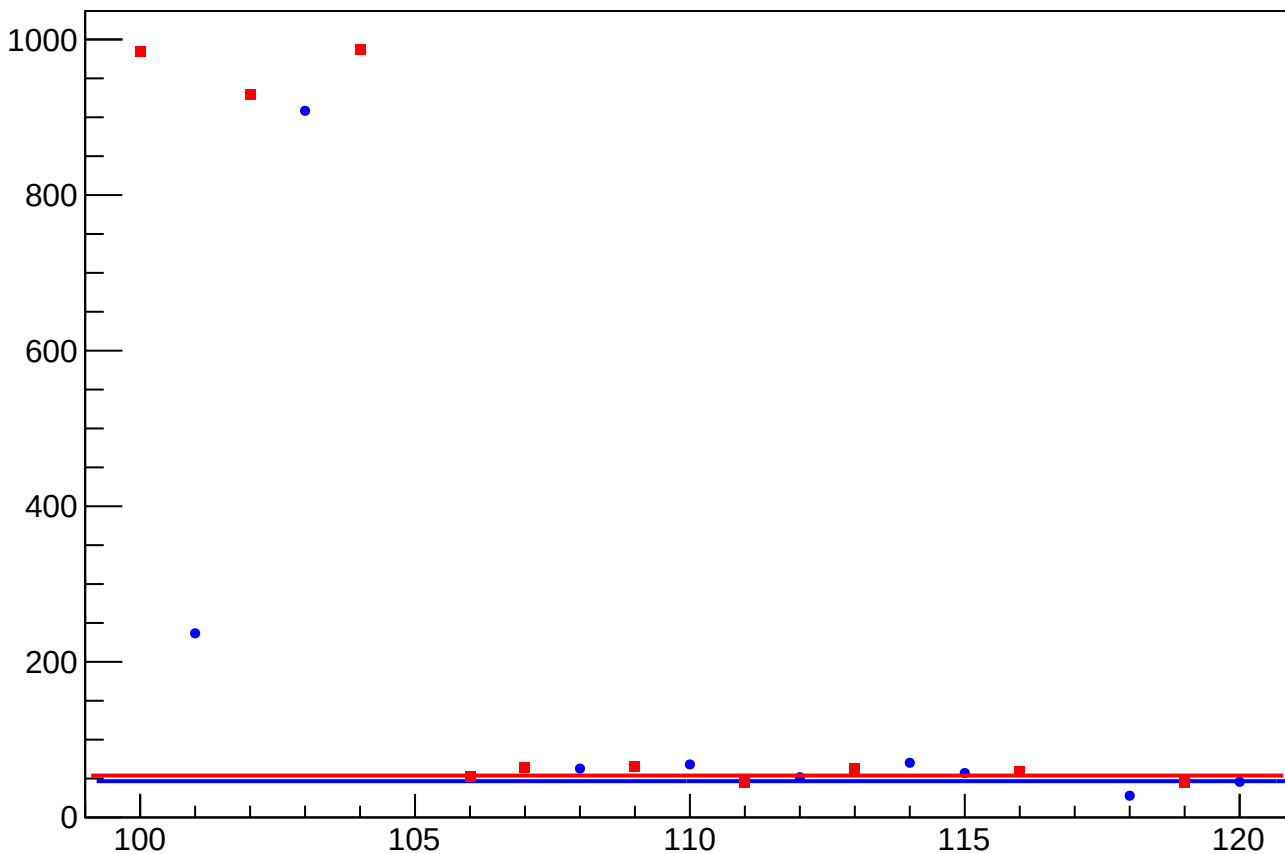
Right: -0.016+/-0.024 χ^2/NDF : 22.6/18

In: 0.007+/-0.034 χ^2/NDF :10.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.016+/-0.024 χ^2/NDF : 22.6/18

asym_atr1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.634+/-0.024 χ^2/NDF : 2145904.6/8

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

Right Out: 53.865+/-0.025 χ^2/NDF : 1918484.6/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

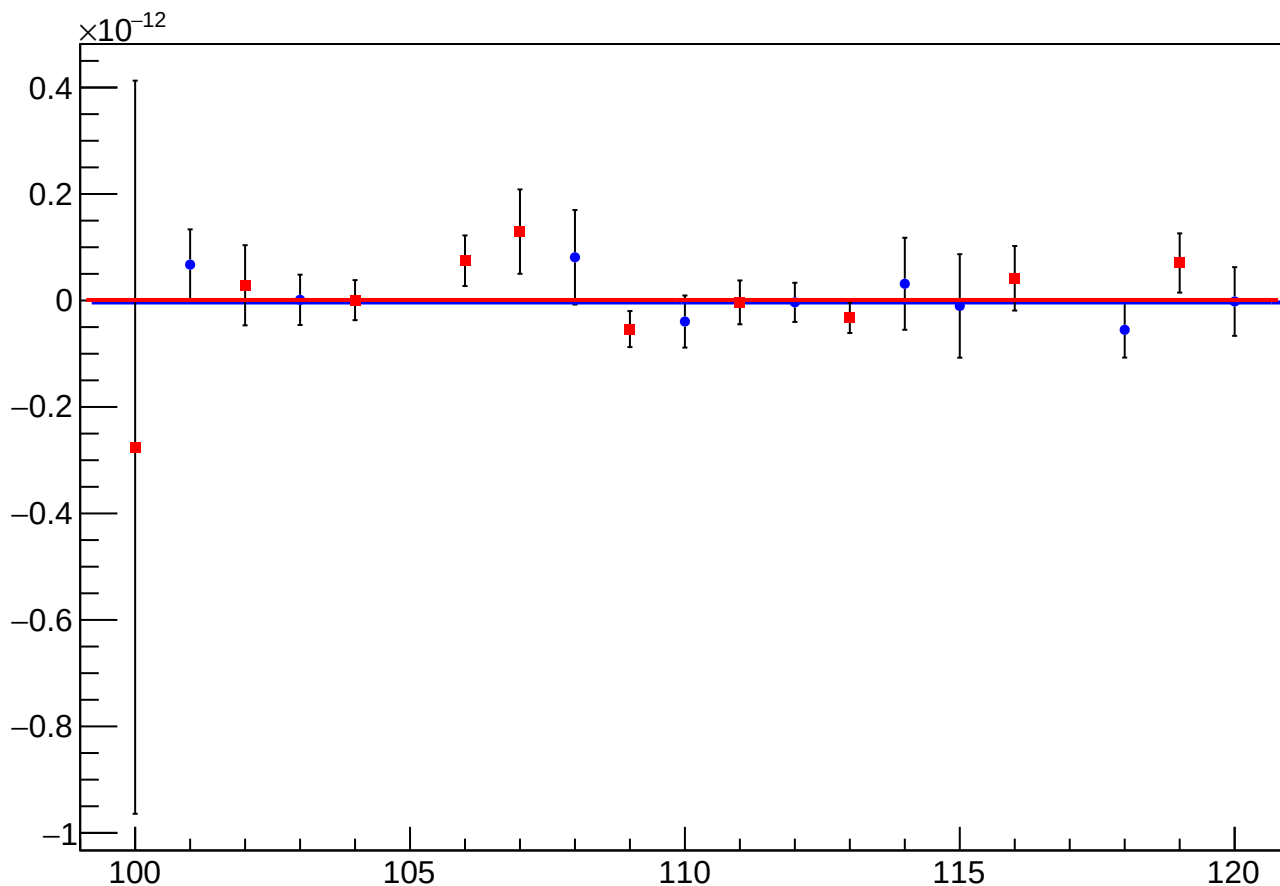
Right: 50.149+/-0.017 χ^2/NDF : 4108075.9/18

In: 46.634+/-0.024 χ^2/NDF : 2145904.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.149+/-0.017 χ^2/NDF : 4108075.9/18

asym_atr1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.8/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 11.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

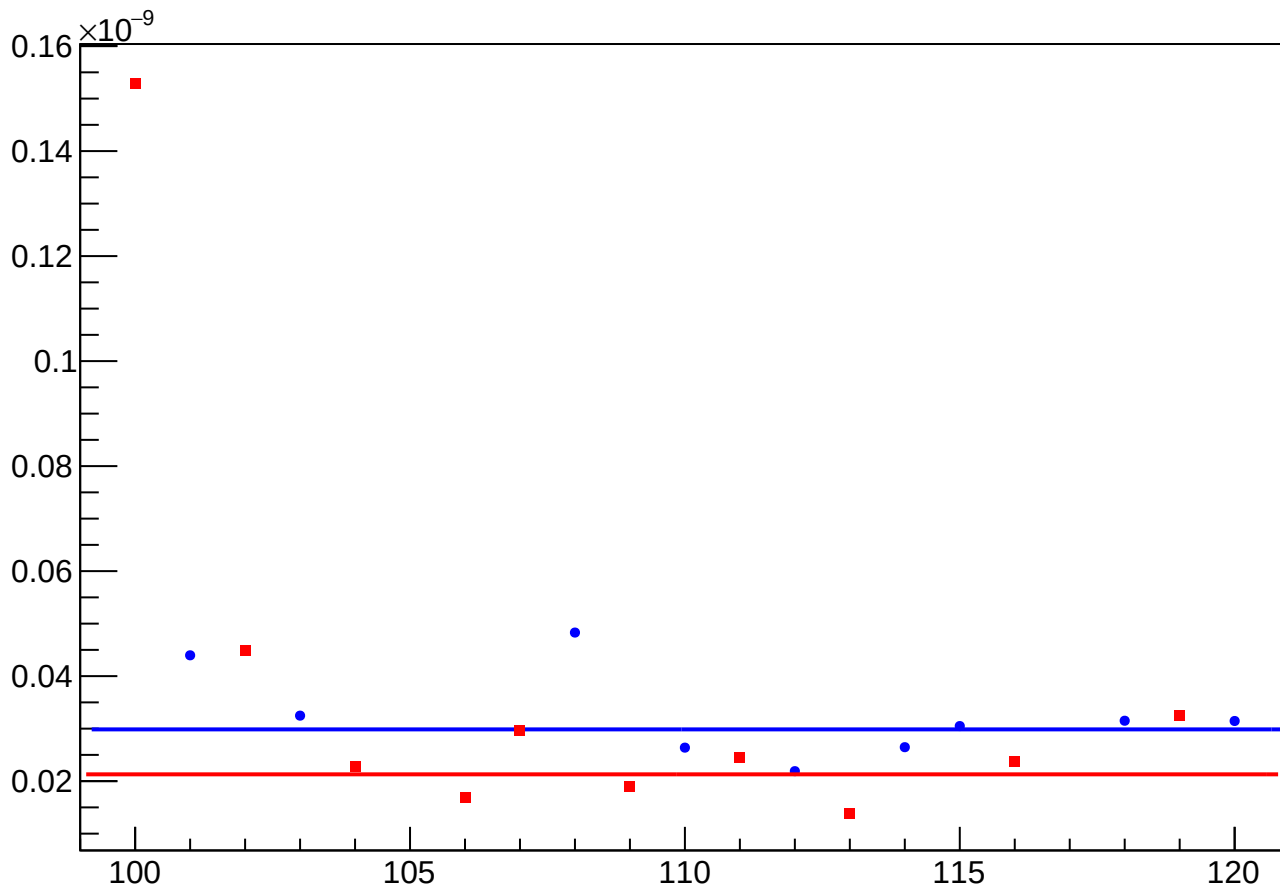
Right: -0.000+/-0.000 χ^2/NDF : 15.1/18

In: -0.000+/-0.000 χ^2/NDF : 3.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.1/18

asym_atr1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 293296.6/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 554359.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

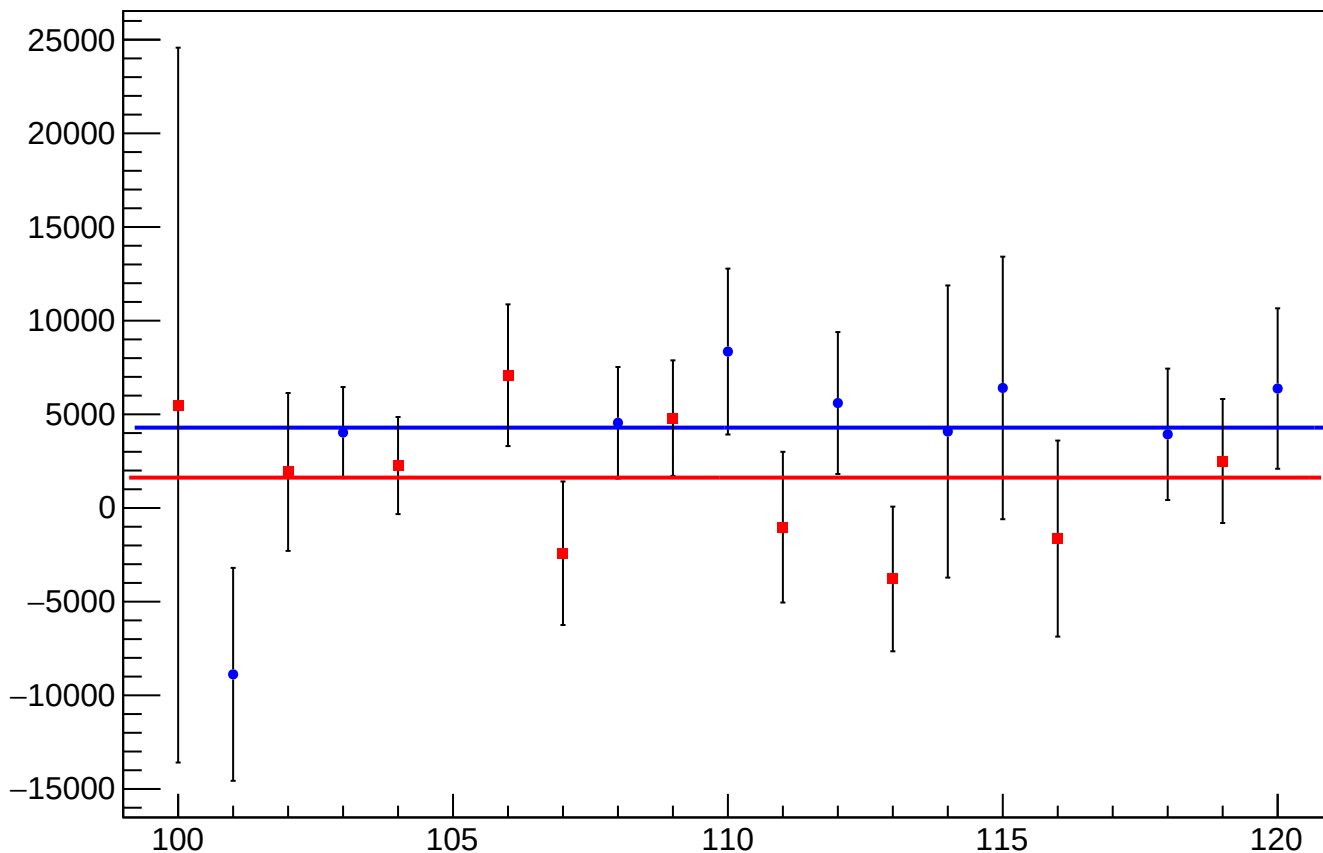
Right: 0.000+/-0.000 χ^2/NDF : 1106448.2/18

In: 0.000+/-0.000 χ^2/NDF : 293296.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1106448.2/18

reg_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4290.019+/-1284.199 χ^2/NDF : 6.7/8

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

Right Out: 1621.989+/-1188.848 χ^2/NDF : 7.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

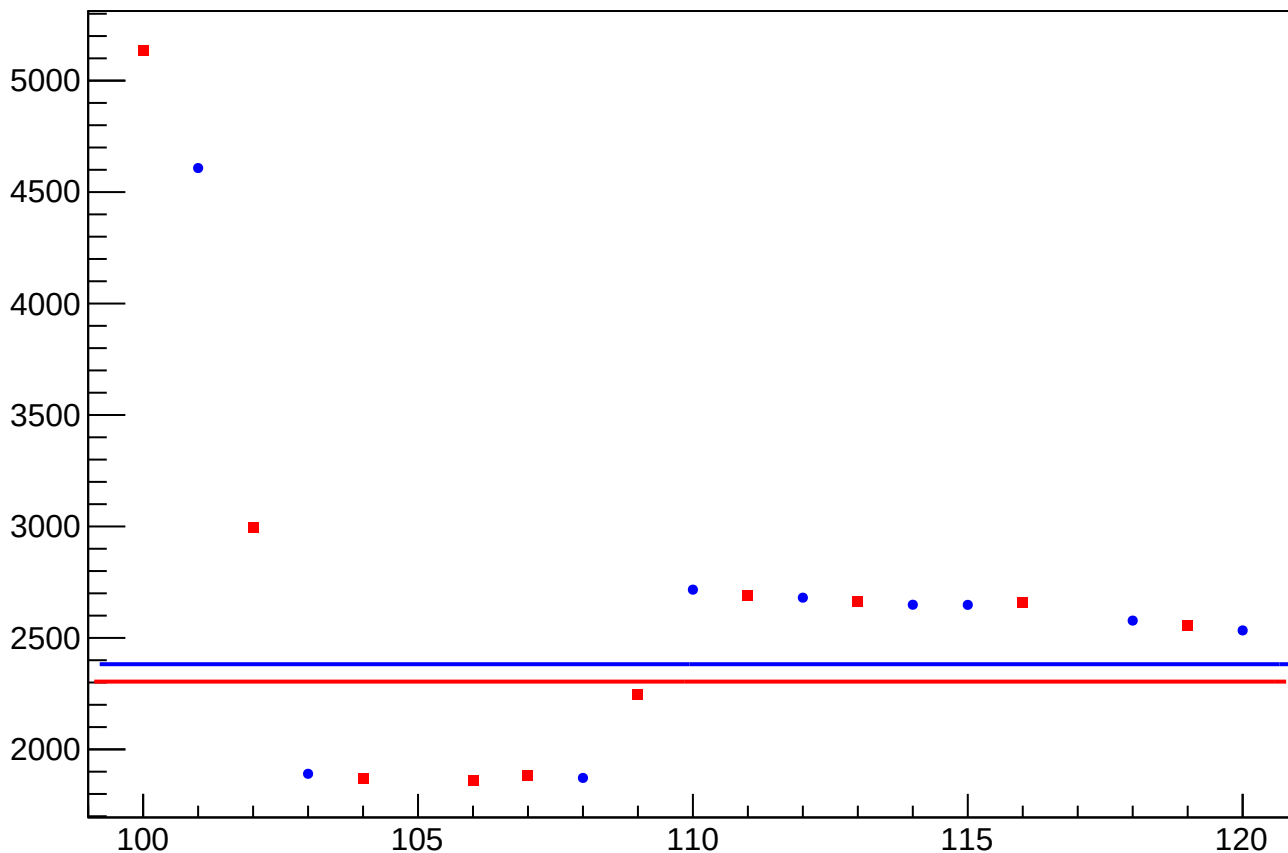
Right: 2853.288+/-872.406 χ^2/NDF : 16.2/18

In: 4290.019+/-1284.199 χ^2/NDF : 6.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2853.288+/-872.406 χ^2/NDF : 16.2/18

reg_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2382.106+/-0.908 χ^2/NDF : 485115.5/8

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

Right Out: 2304.009+/-0.841 χ^2/NDF : 263787.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

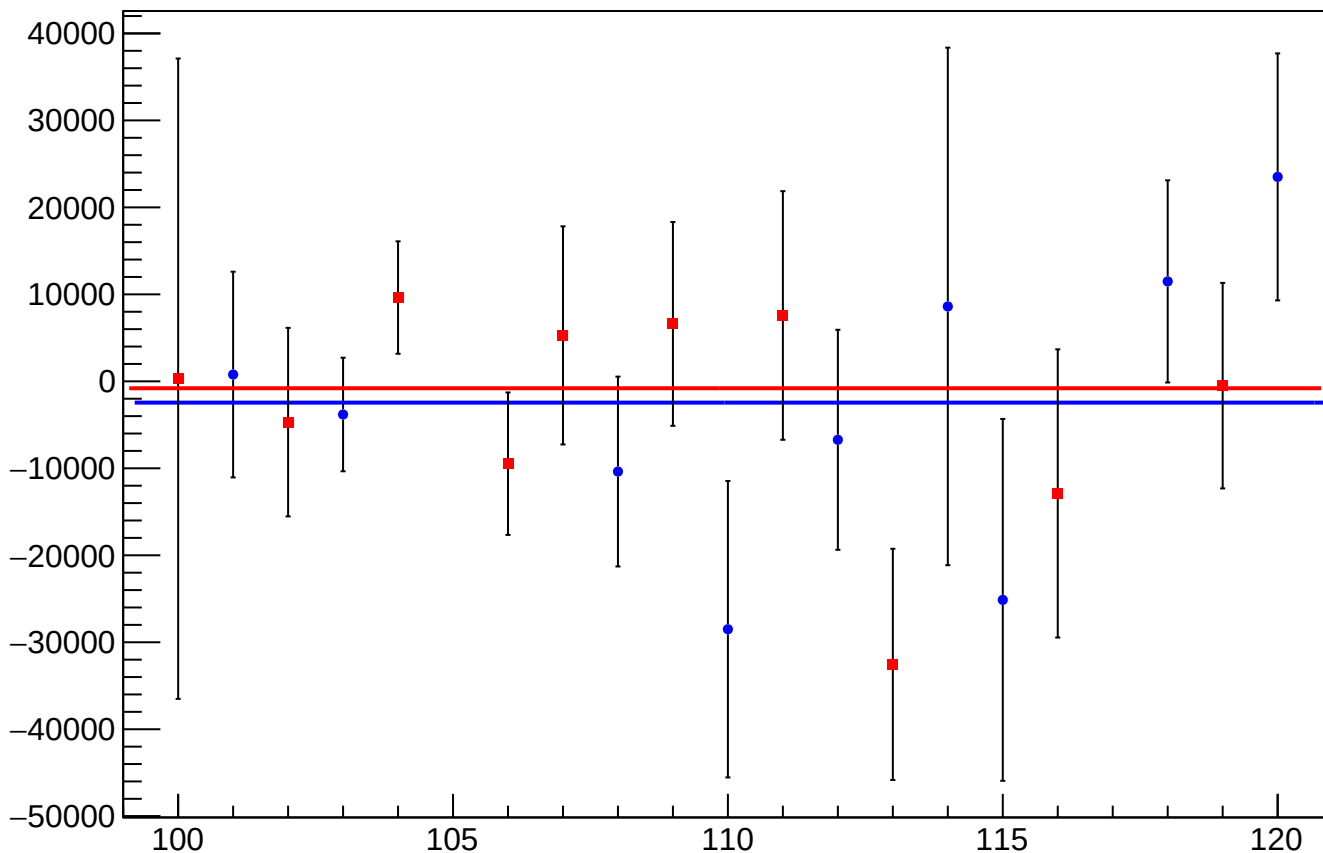
Right: 2340.051+/-0.617 χ^2/NDF : 752885.6/18

In: 2382.106+/-0.908 χ^2/NDF : 485115.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2340.051+/-0.617 χ^2/NDF : 752885.6/18

asym_atr2_reg_correction_mean vs Slug, Sign Corrected



Right In: -2446.435+/-3937.038 χ^2/NDF : 9.2/8

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

Right Out: -796.329+/-3468.603 χ^2/NDF : 11.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

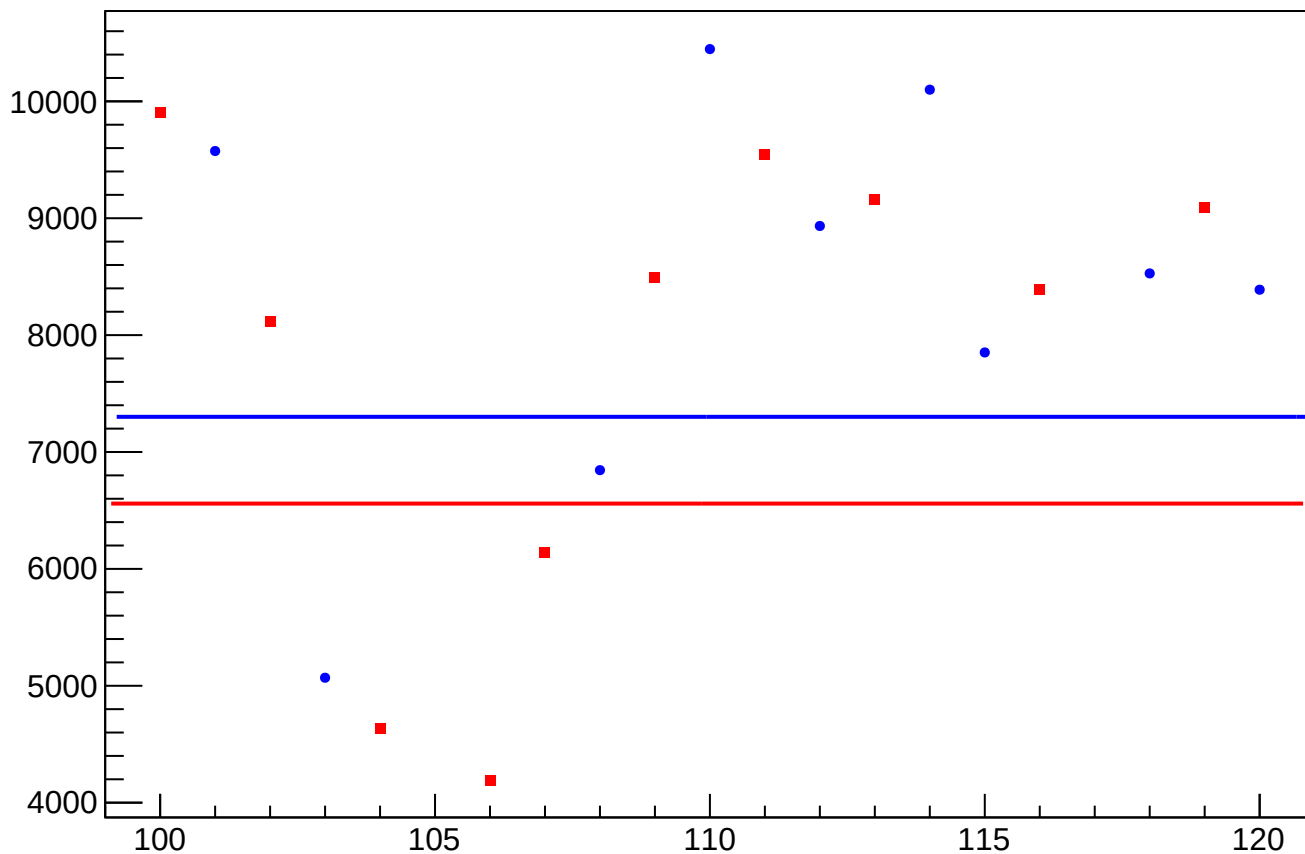
Right: -1517.422+/-2602.612 χ^2/NDF : 20.4/18

In: -2446.435+/-3937.038 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1517.422+/-2602.612 χ^2/NDF : 20.4/18

asym_atr2_reg_correction_rms vs Slug, Sign Corrected



Right In: 7300.930+/-2.784 χ^2/NDF : 465956.4/8

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

Right Out: 6558.756+/-2.453 χ^2/NDF : 739730.4/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

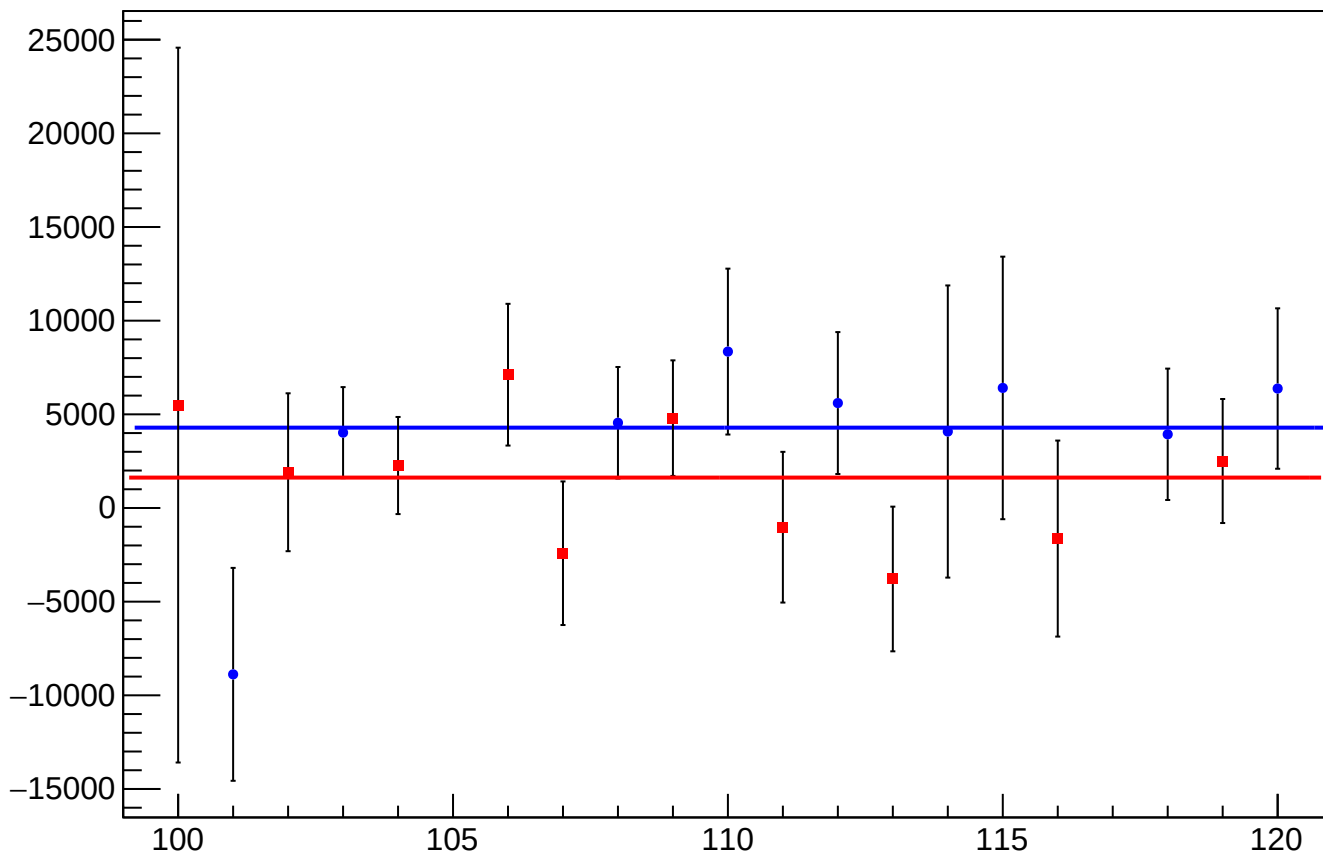
Right: 6883.085+/-1.840 χ^2/NDF : 1245700.8/18

In: 7300.930+/-2.784 χ^2/NDF : 465956.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6883.085+/-1.840 χ^2/NDF : 1245700.8/18

cor_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4289.126+/-1284.200 χ^2/NDF : 6.7/8

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

Right Out: 1623.255+/-1188.864 χ^2/NDF : 7.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

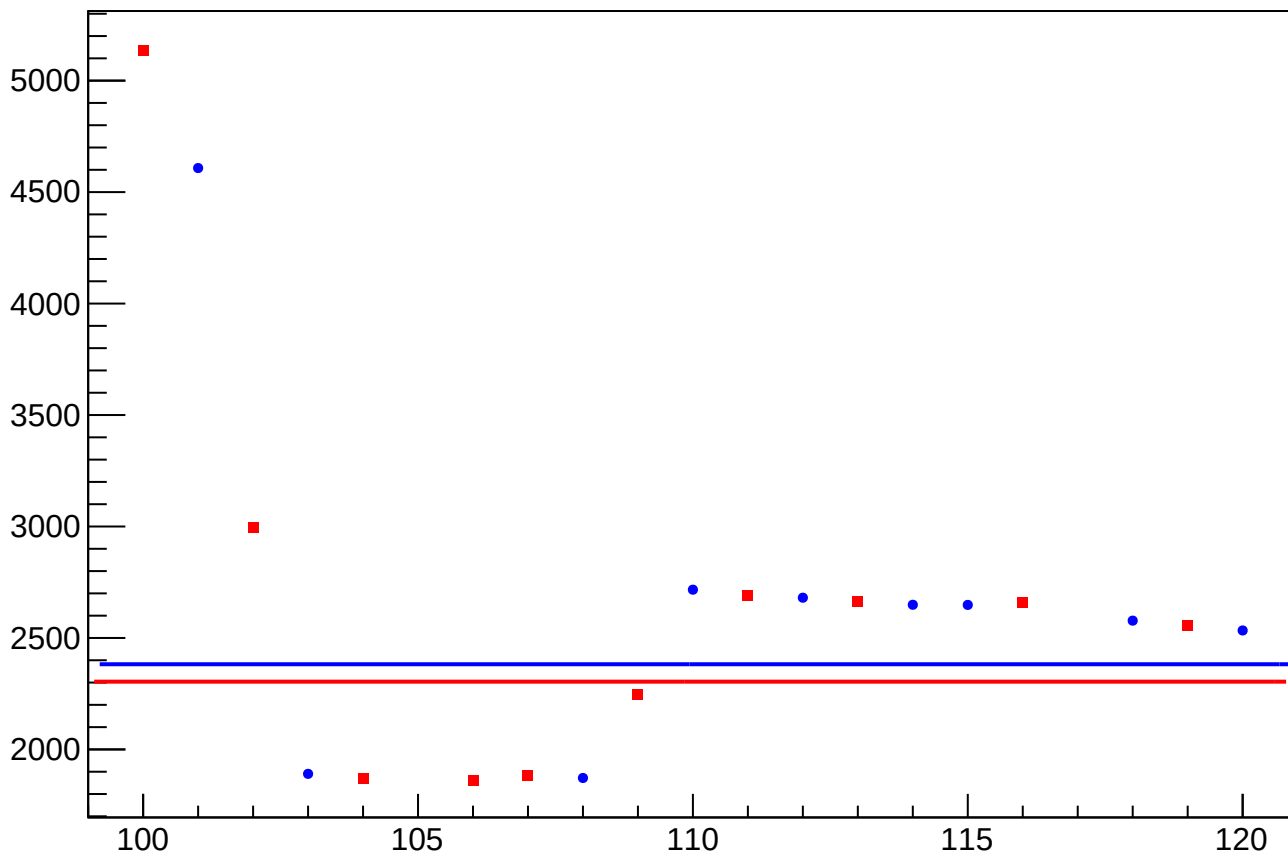
Right: 2853.574+/-872.413 χ^2/NDF : 16.3/18

In: 4289.126+/-1284.200 χ^2/NDF : 6.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2853.574+/-872.413 χ^2/NDF : 16.3/18

cor_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2382.108+/-0.908 χ^2/NDF : 485113.9/8

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

Right Out: 2304.046+/-0.841 χ^2/NDF : 263748.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

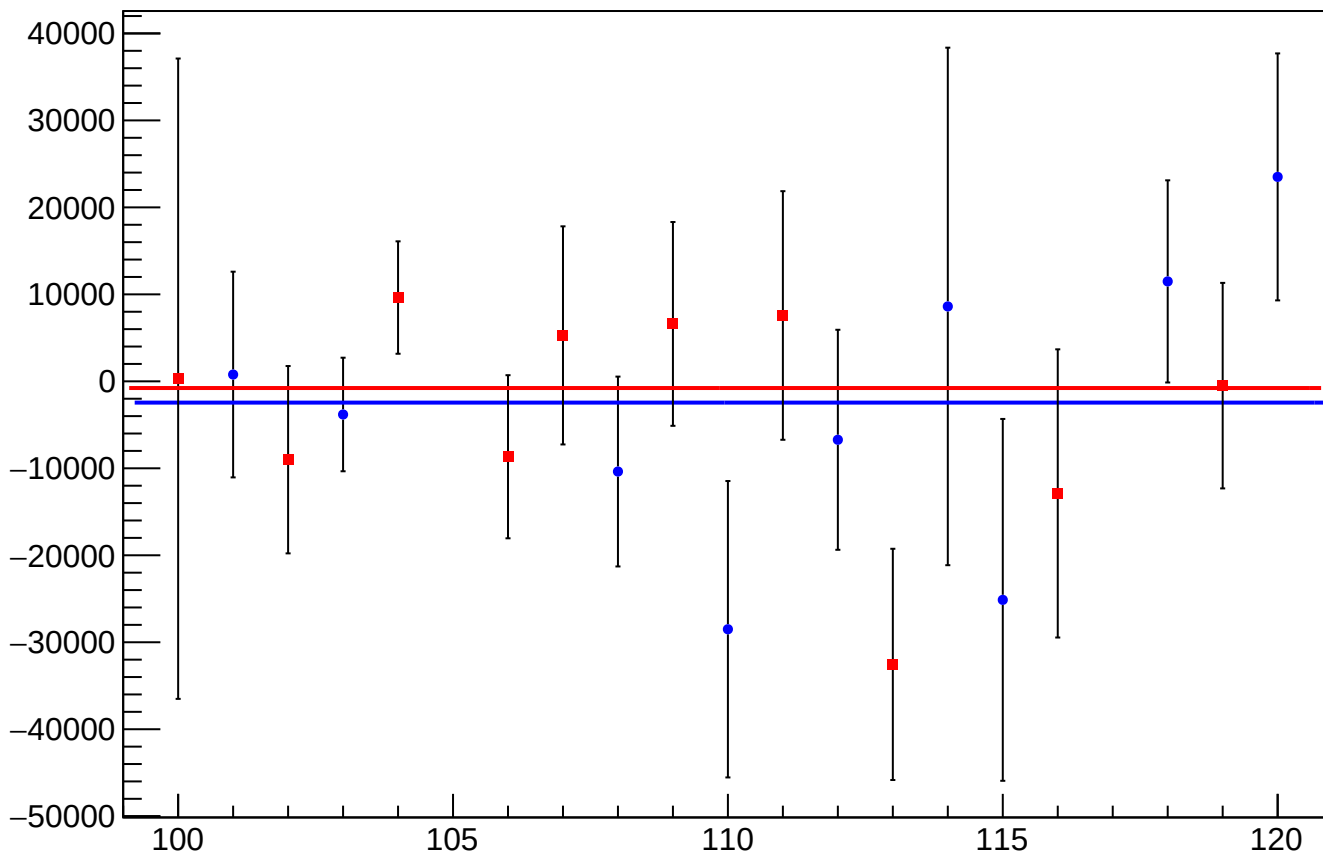
Right: 2340.072+/-0.617 χ^2/NDF : 752841.8/18

In: 2382.108+/-0.908 χ^2/NDF : 485113.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2340.072+/-0.617 χ^2/NDF : 752841.8/18

asym_atr2_cor_correction_mean vs Slug, Sign Corrected



Right In: -2446.088+/-3937.226 χ^2/NDF : 9.2/8

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

Right Out: -770.042+/-3542.569 χ^2/NDF : 11.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

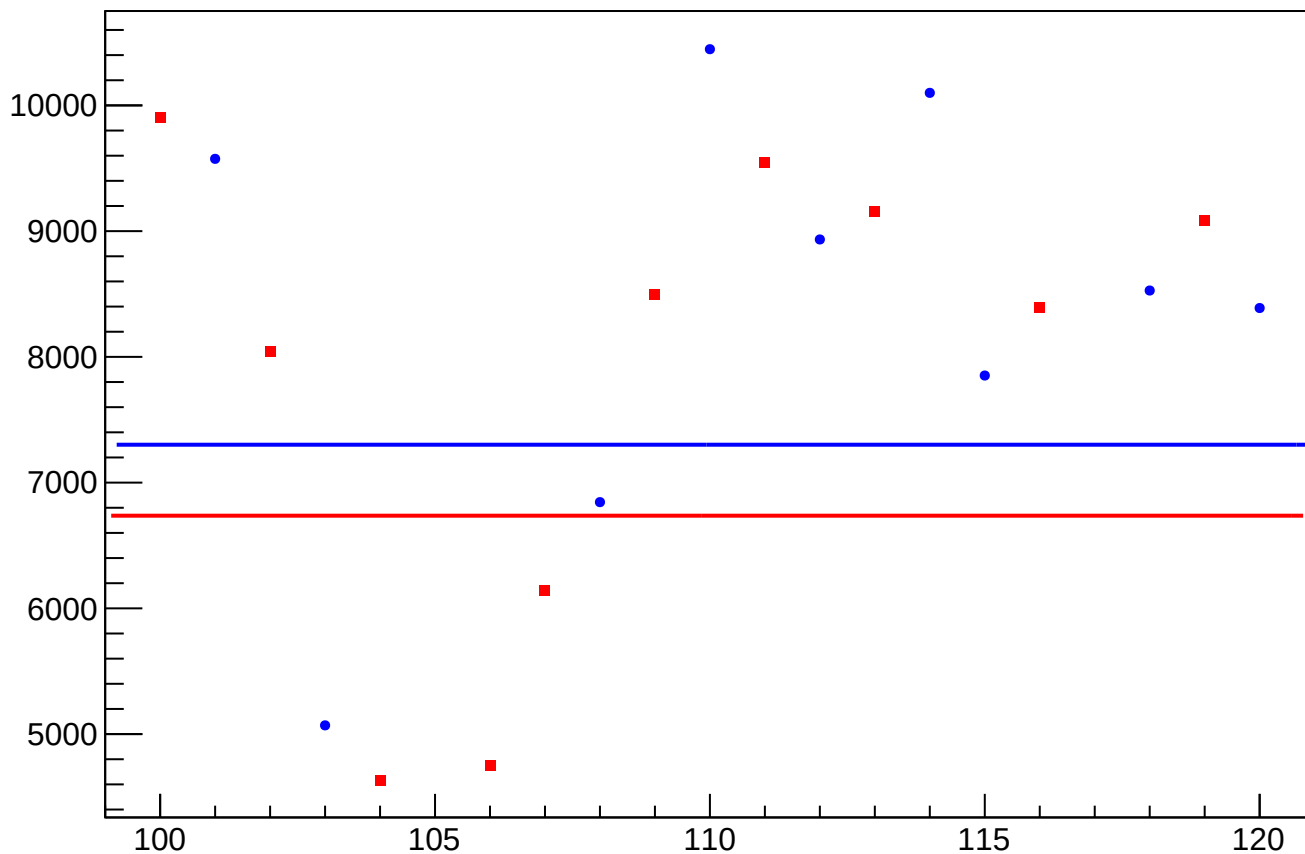
Right: -1519.877+/-2633.482 χ^2/NDF : 20.4/18

In: -2446.088+/-3937.226 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1519.877+/-2633.482 χ^2/NDF : 20.4/18

asym_atr2_cor_correction_rms vs Slug, Sign Corrected



Right In: 7301.402+/-2.784 χ^2/NDF : 465743.4/8

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

Right Out: 6736.959+/-2.505 χ^2/NDF : 638967.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

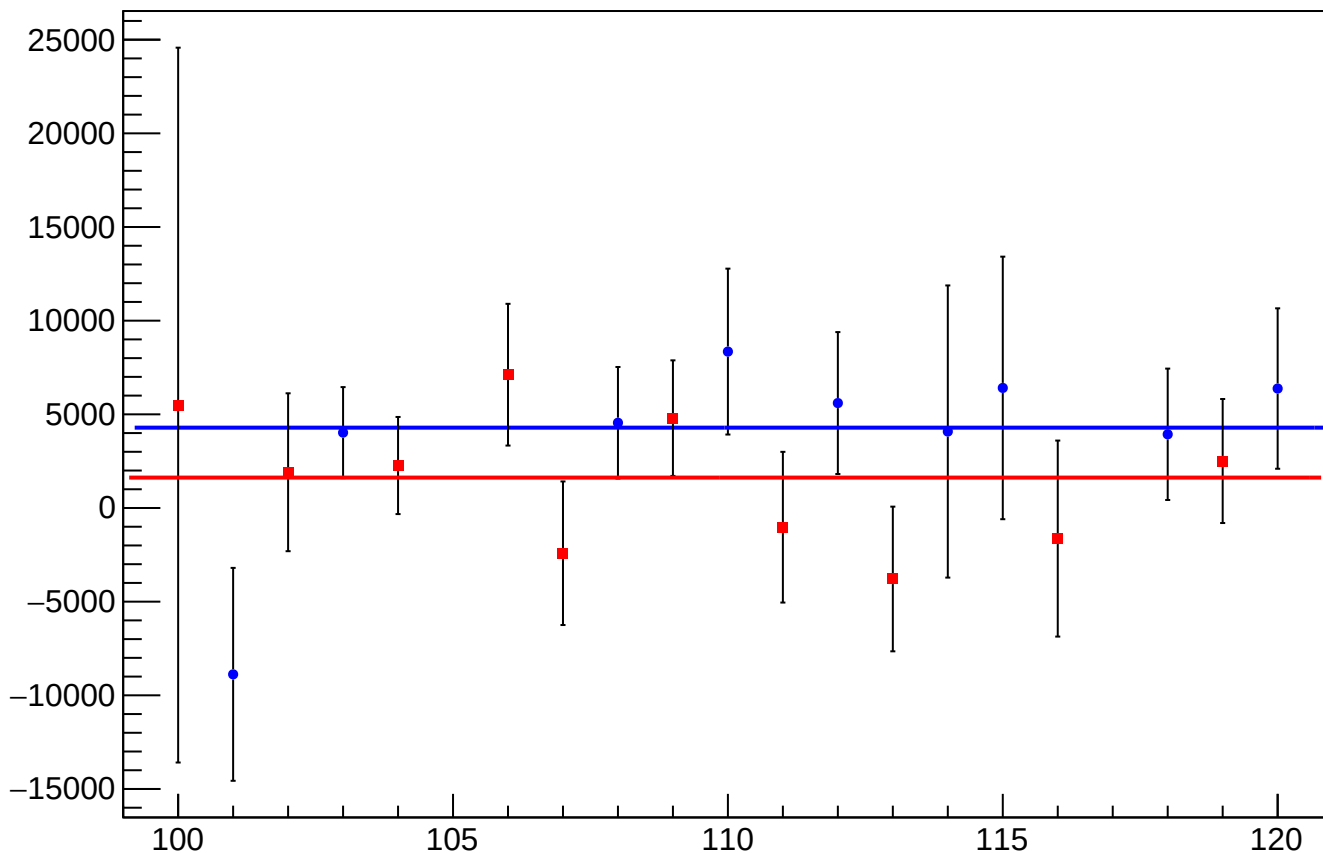
Right: 6989.481+/-1.862 χ^2/NDF : 1127426.1/18

In: 7301.402+/-2.784 χ^2/NDF : 465743.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6989.481+/-1.862 χ^2/NDF : 1127426.1/18

eigen_cor_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4289.126+/-1284.200 χ^2/NDF : 6.7/8

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

Right Out: 1623.255+/-1188.864 χ^2/NDF : 7.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

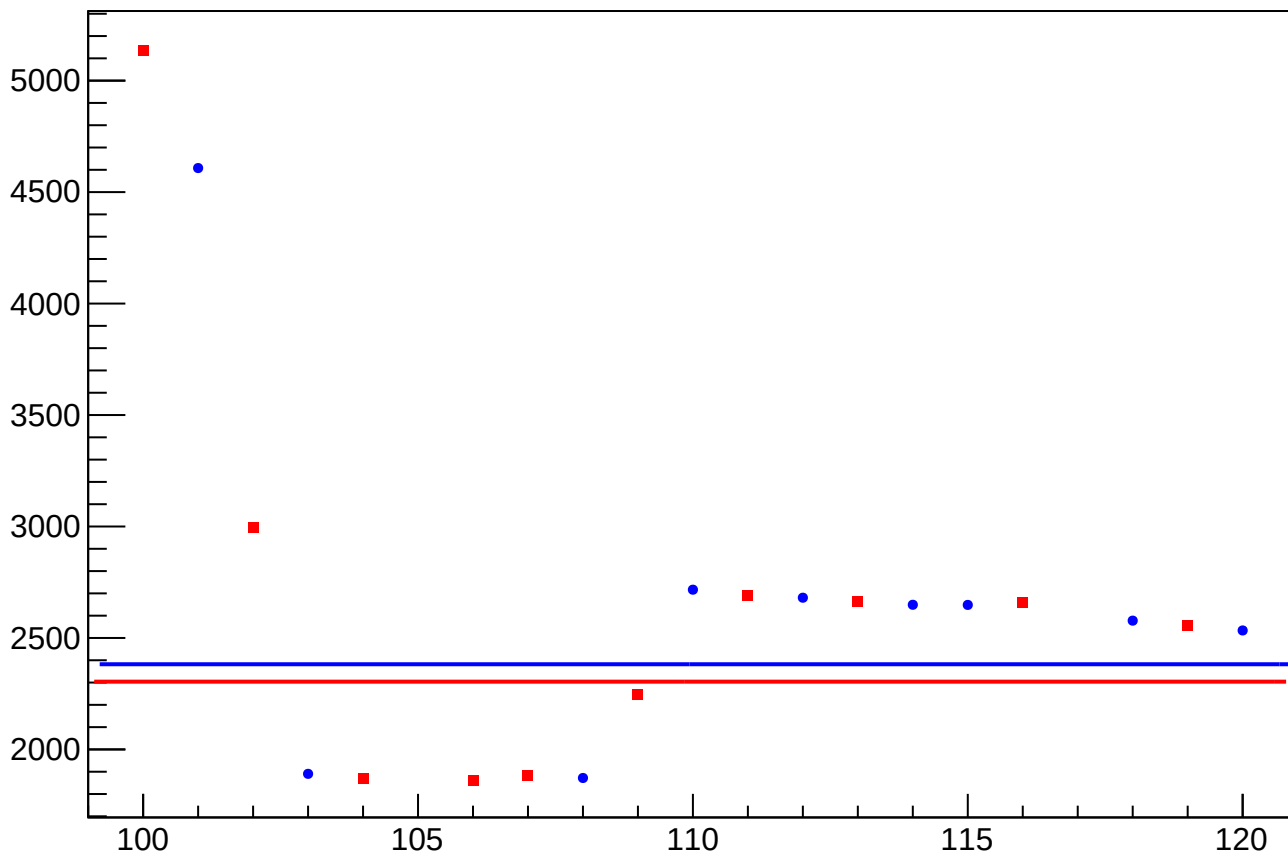
Right: 2853.574+/-872.413 χ^2/NDF : 16.3/18

In: 4289.126+/-1284.200 χ^2/NDF : 6.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2853.574+/-872.413 χ^2/NDF : 16.3/18

eigen_cor_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2382.108+/-0.908 χ^2/NDF : 485113.9/8

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

Right Out: 2304.046+/-0.841 χ^2/NDF : 263748.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

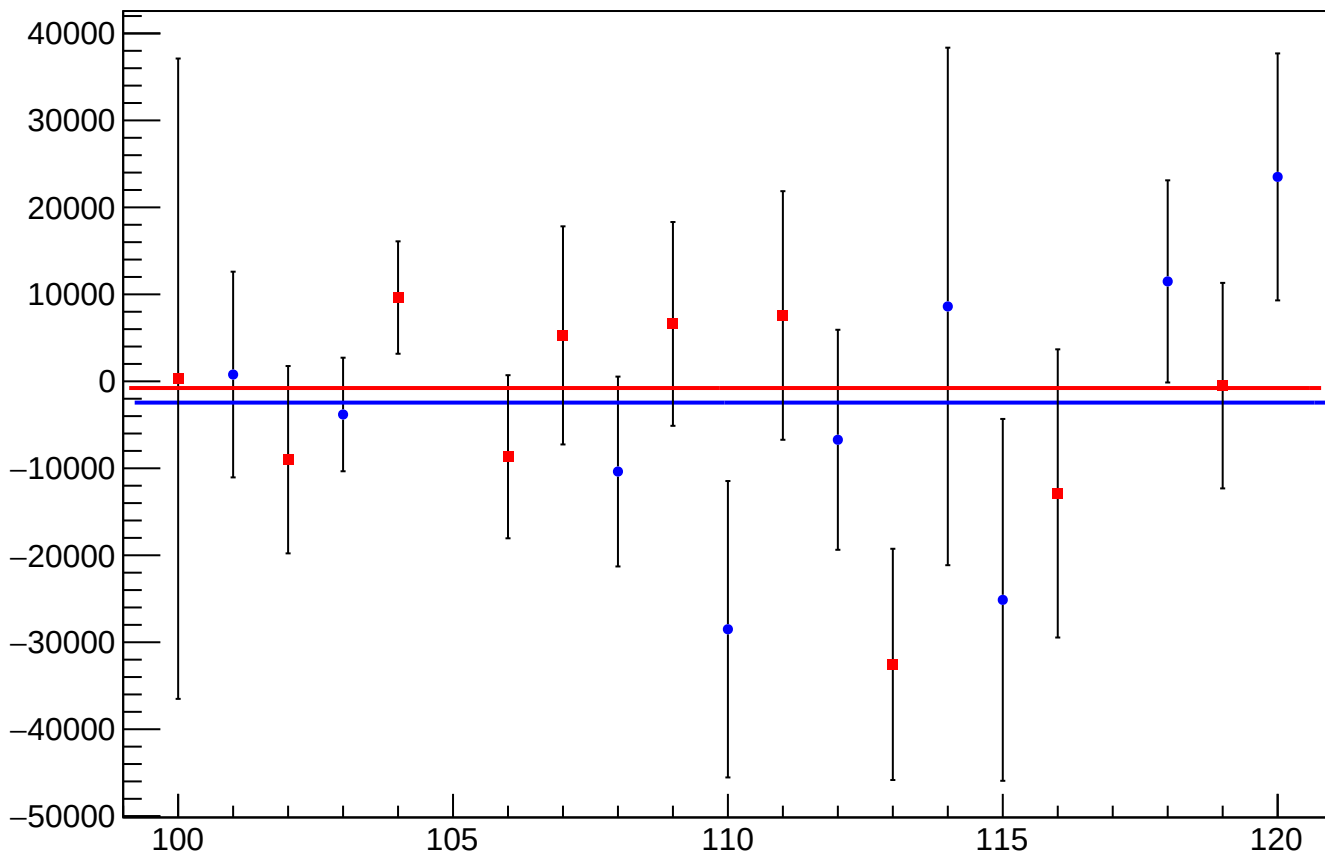
Right: 2340.072+/-0.617 χ^2/NDF : 752841.8/18

In: 2382.108+/-0.908 χ^2/NDF : 485113.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2340.072+/-0.617 χ^2/NDF : 752841.8/18

asym_atr2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -2446.088+/-3937.226 χ^2/NDF : 9.2/8

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

Right Out: -770.042+/-3542.569 χ^2/NDF : 11.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

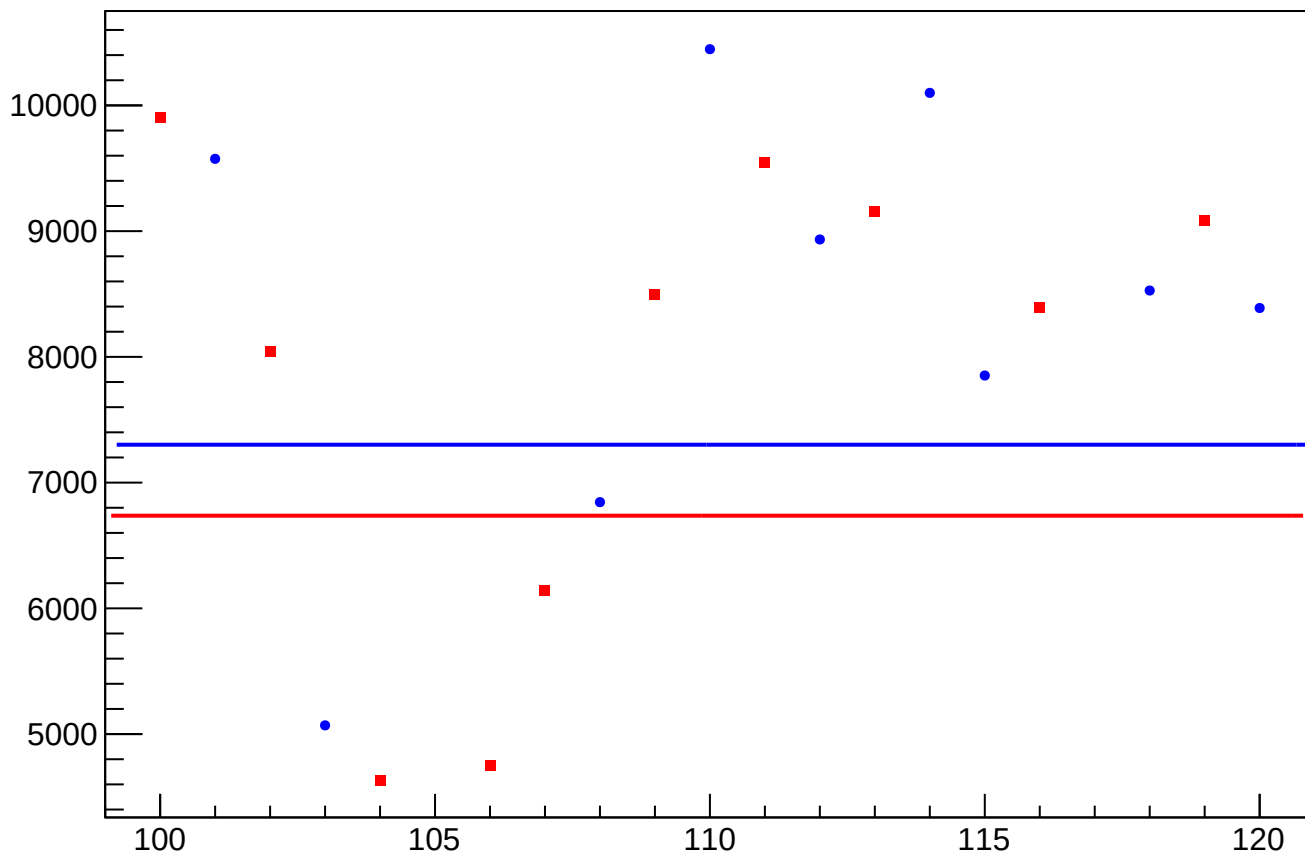
Right: -1519.877+/-2633.482 χ^2/NDF : 20.4/18

In: -2446.088+/-3937.226 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1519.877+/-2633.482 χ^2/NDF : 20.4/18

asym_atr2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 7301.402+/-2.784 χ^2/NDF : 465743.4/8

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

Right Out: 6736.959+/-2.505 χ^2/NDF : 638967.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

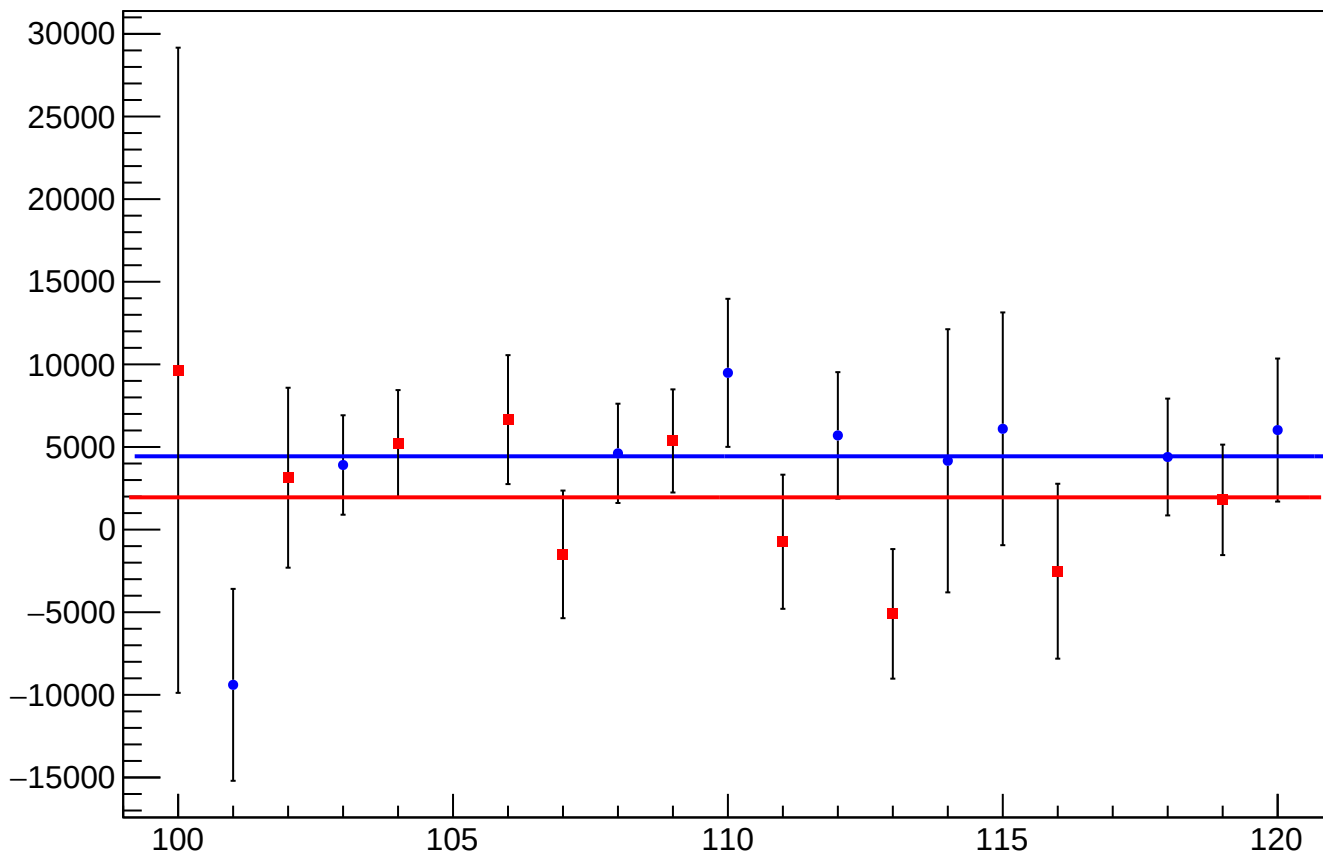
Right: 6989.481+/-1.862 χ^2/NDF : 1127426.1/18

In: 7301.402+/-2.784 χ^2/NDF : 465743.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6989.481+/-1.862 χ^2/NDF : 1127426.1/18

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4436.563+/-1363.008 χ^2/NDF : 7.3/8

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

Right Out: 1953.554+/-1272.671 χ^2/NDF : 9.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

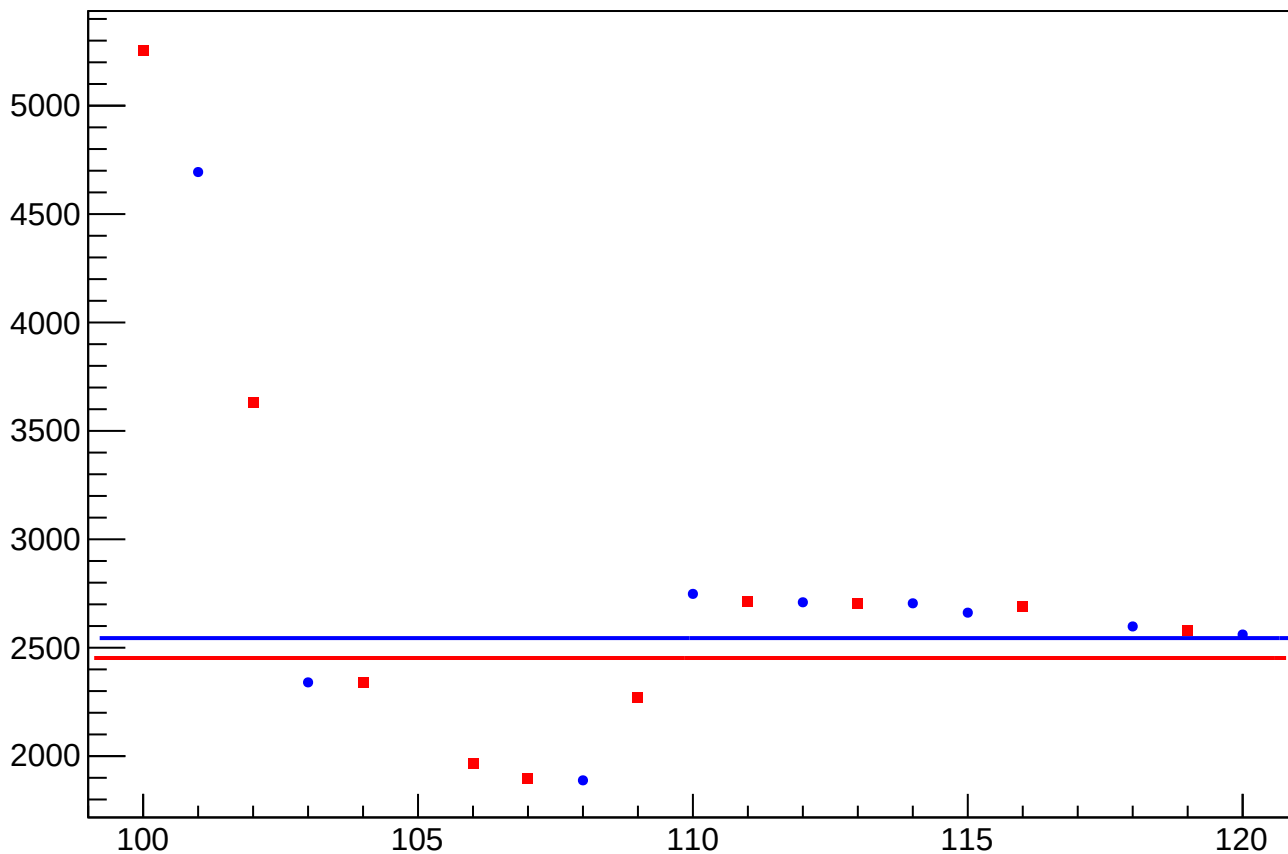
Right: 3110.054+/-930.212 χ^2/NDF : 18.1/18

In: 4436.563+/-1363.008 χ^2/NDF : 7.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3110.054+/-930.212 χ^2/NDF : 18.1/18

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2544.365+/-0.964 χ^2/NDF : 388367.7/8

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

Right Out: 2452.565+/-0.899 χ^2/NDF : 240544.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

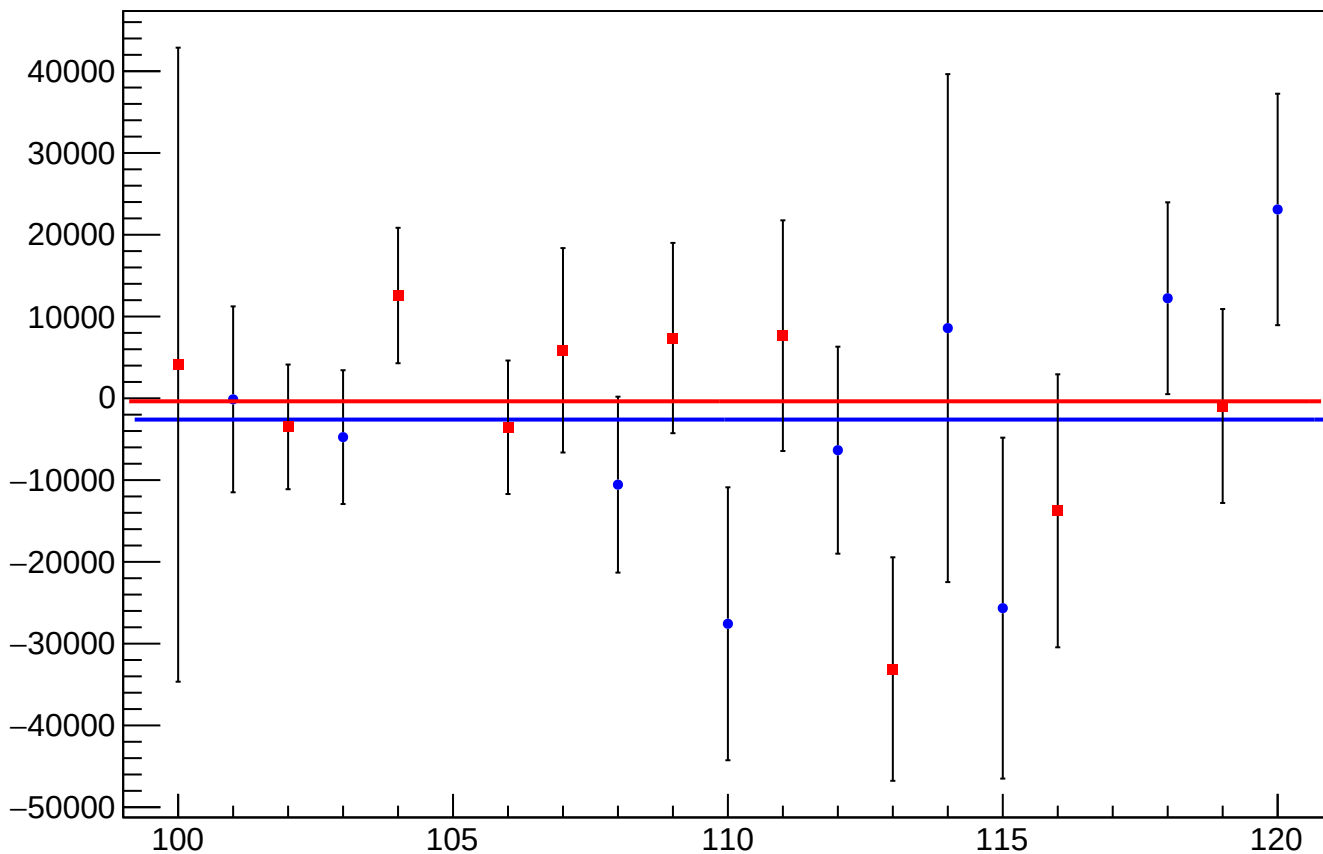
Right: 2495.276+/-0.657 χ^2/NDF : 633763.0/18

In: 2544.365+/-0.964 χ^2/NDF : 388367.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2495.276+/-0.657 χ^2/NDF : 633763.0/18

asym_atr2_dit_correction_mean vs Slug, Sign Corrected



Right In: -2600.312+/-4197.257 χ^2/NDF : 9.2/8

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

Right Out: -365.697+/-3484.992 χ^2/NDF : 10.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

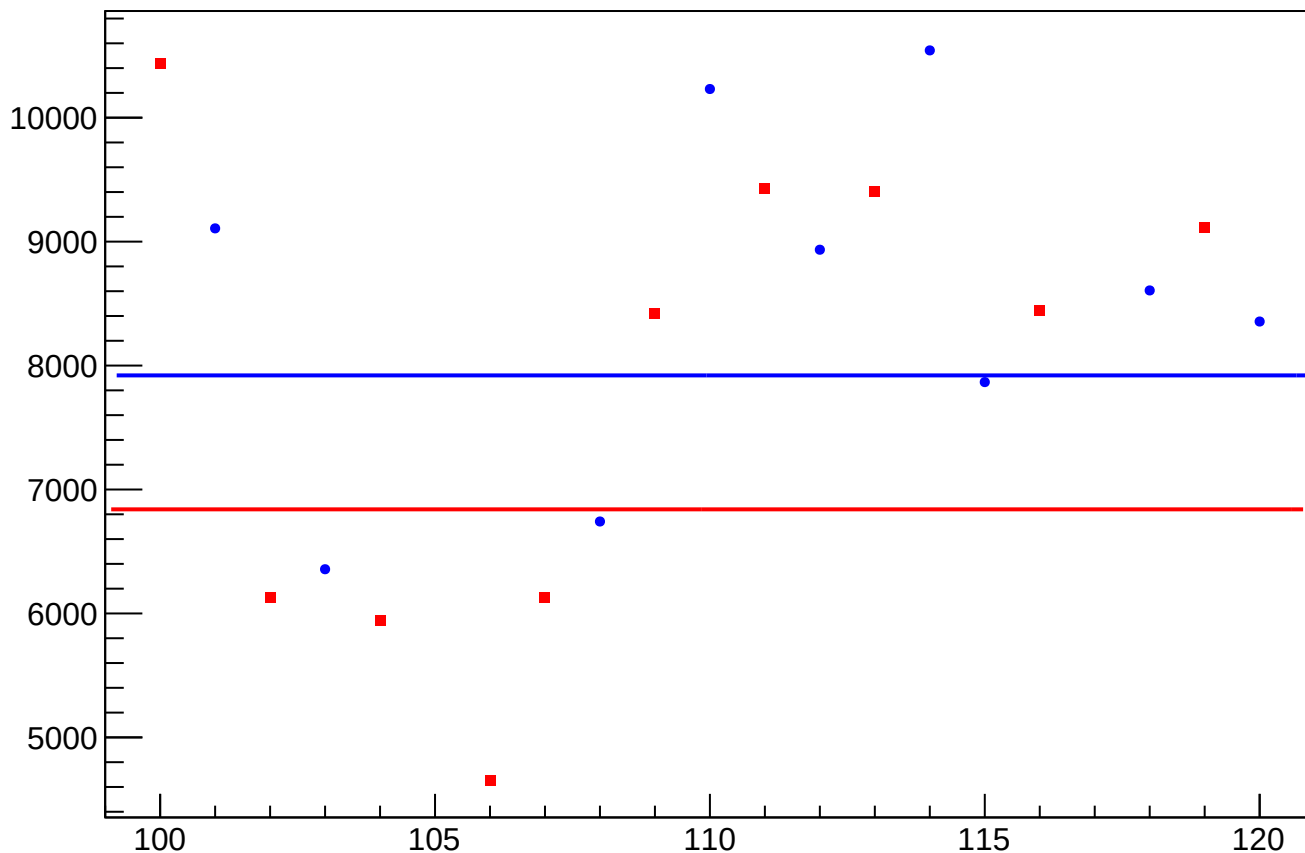
Right: -1277.587+/-2681.238 χ^2/NDF : 19.6/18

In: -2600.312+/-4197.257 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1277.587+/-2681.238 χ^2/NDF : 19.6/18

asym_atr2_dit_correction_rms vs Slug, Sign Corrected



Right In: 7920.673+/-2.968 χ^2/NDF : 193069.8/8

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

Right Out: 6839.927+/-2.464 χ^2/NDF : 474788.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

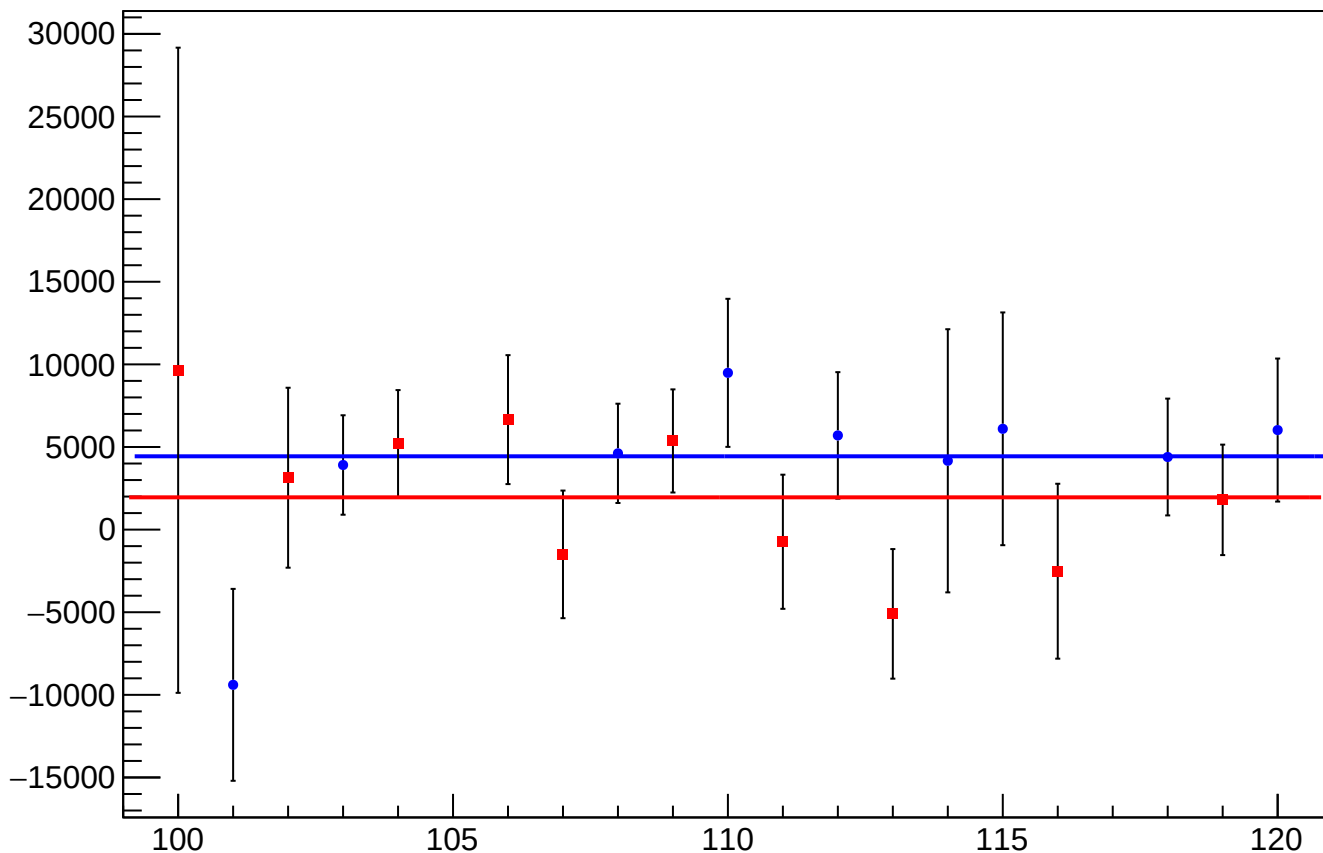
Right: 7280.952+/-1.896 χ^2/NDF : 746348.4/18

In: 7920.673+/-2.968 χ^2/NDF : 193069.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7280.952+/-1.896 χ^2/NDF : 746348.4/18

eigen_dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4436.550+/-1363.008 χ^2/NDF : 7.3/8

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

Right Out: 1953.559+/-1272.671 χ^2/NDF : 9.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

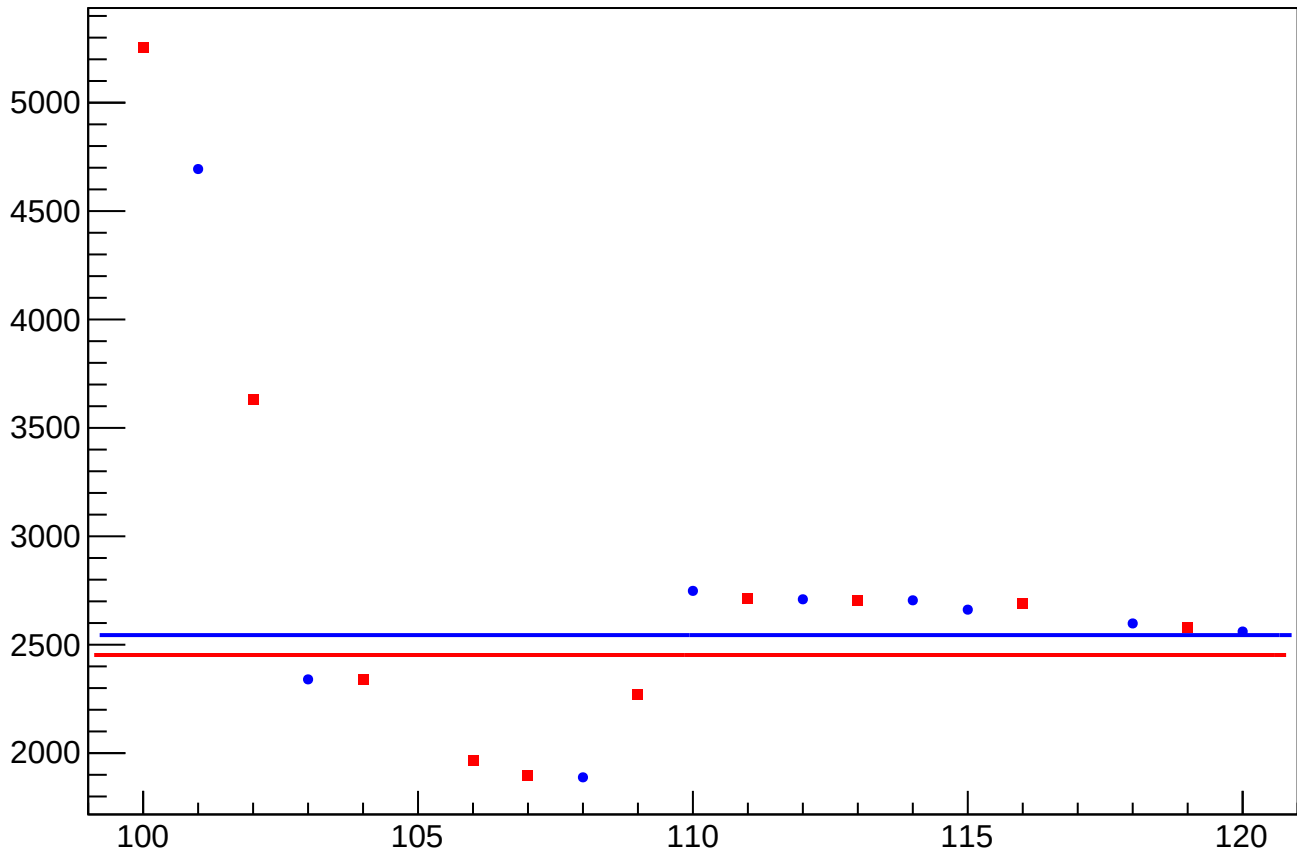
Right: 3110.051+/-930.212 χ^2/NDF : 18.1/18

In: 4436.550+/-1363.008 χ^2/NDF : 7.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3110.051+/-930.212 χ^2/NDF : 18.1/18

eigen_dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2544.364+/-0.964 χ^2/NDF : 388368.0/8

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

Right Out: 2452.565+/-0.899 χ^2/NDF : 240543.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

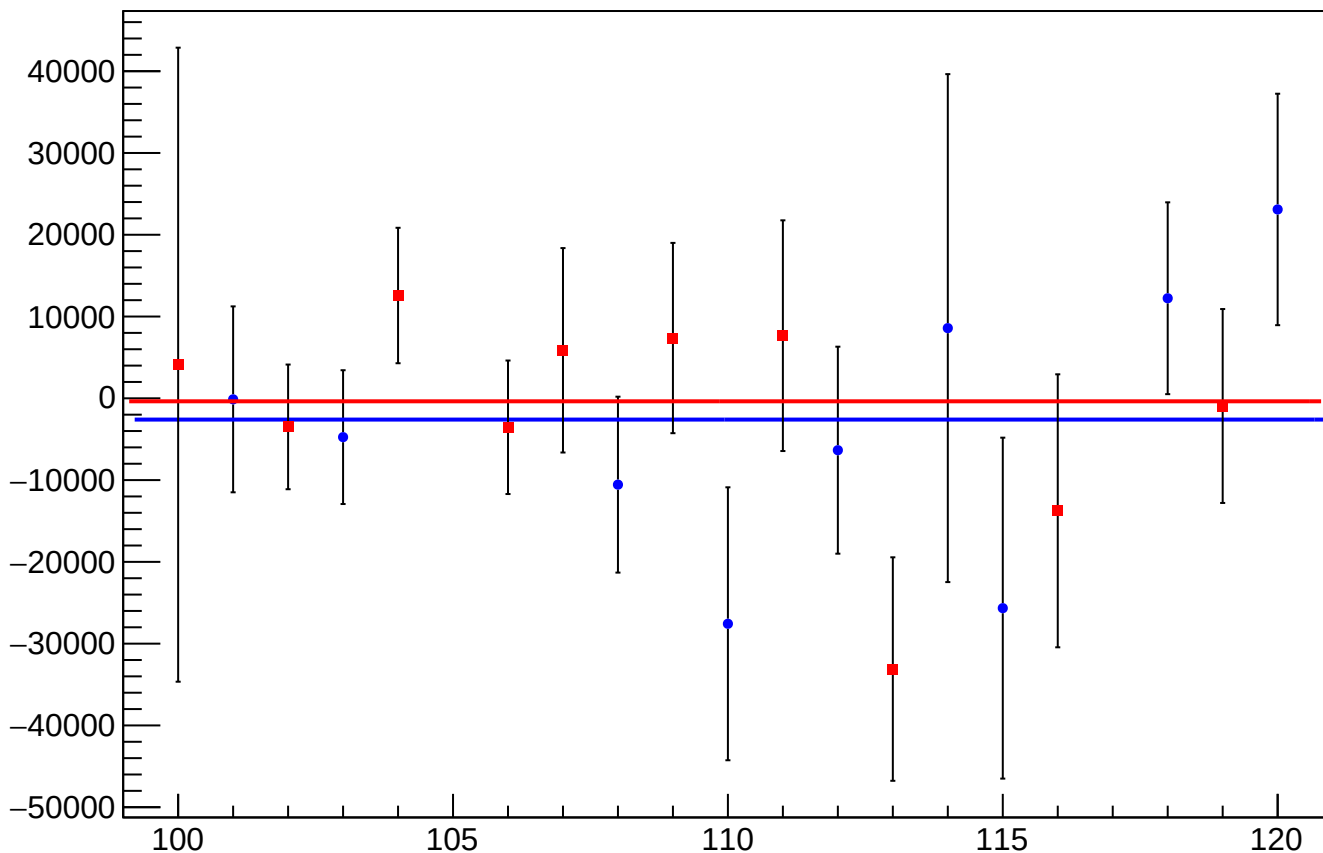
Right: 2495.275+/-0.657 χ^2/NDF : 633762.8/18

In: 2544.364+/-0.964 χ^2/NDF : 388368.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2495.275+/-0.657 χ^2/NDF : 633762.8/18

asym_atr2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -2600.300+/-4197.252 χ^2/NDF : 9.2/8

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

Right Out: -365.692+/-3484.986 χ^2/NDF : 10.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

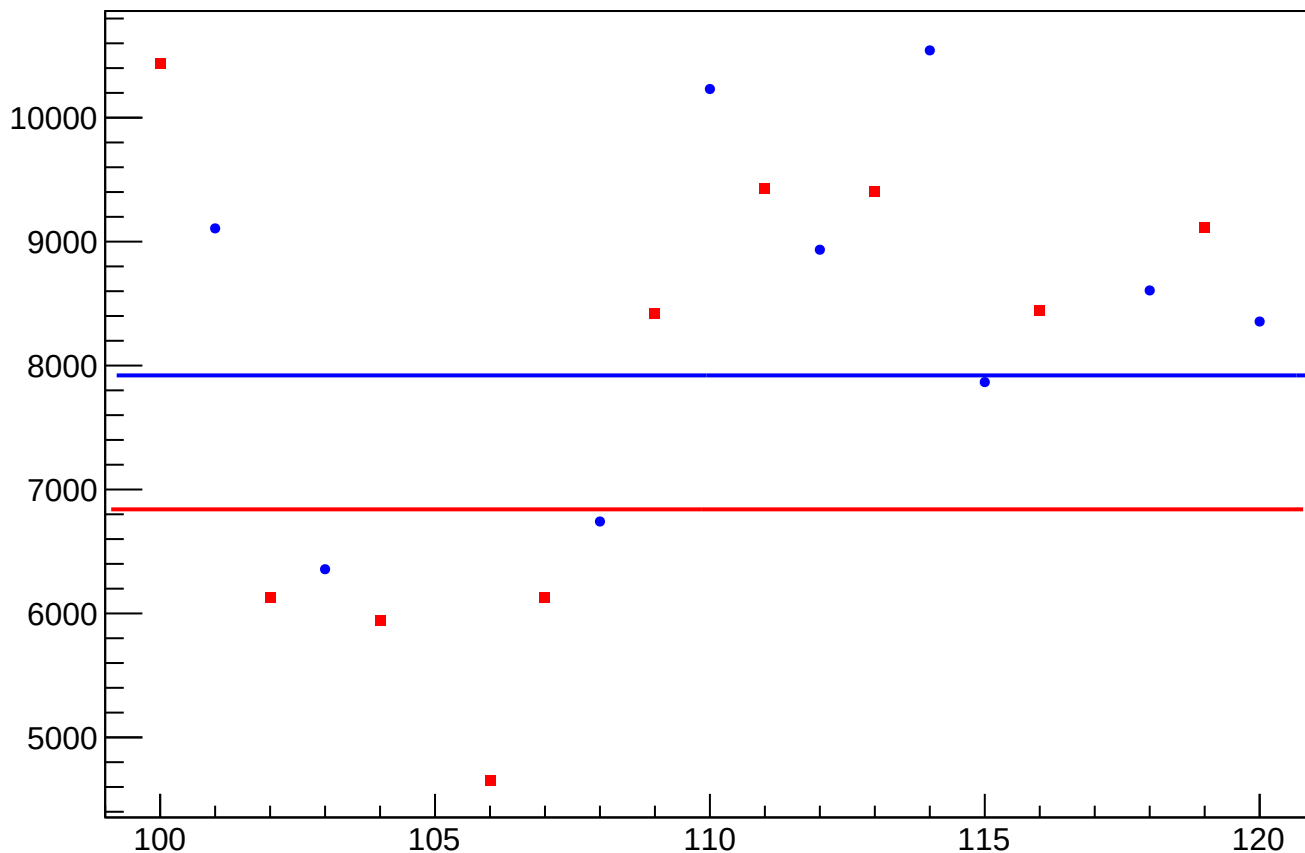
Right: -1277.578+/-2681.234 χ^2/NDF : 19.6/18

In: -2600.300+/-4197.252 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1277.578+/-2681.234 χ^2/NDF : 19.6/18

asym_atr2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 7920.663+/-2.968 χ^2/NDF : 193067.1/8

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

Right Out: 6839.917+/-2.464 χ^2/NDF : 474787.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

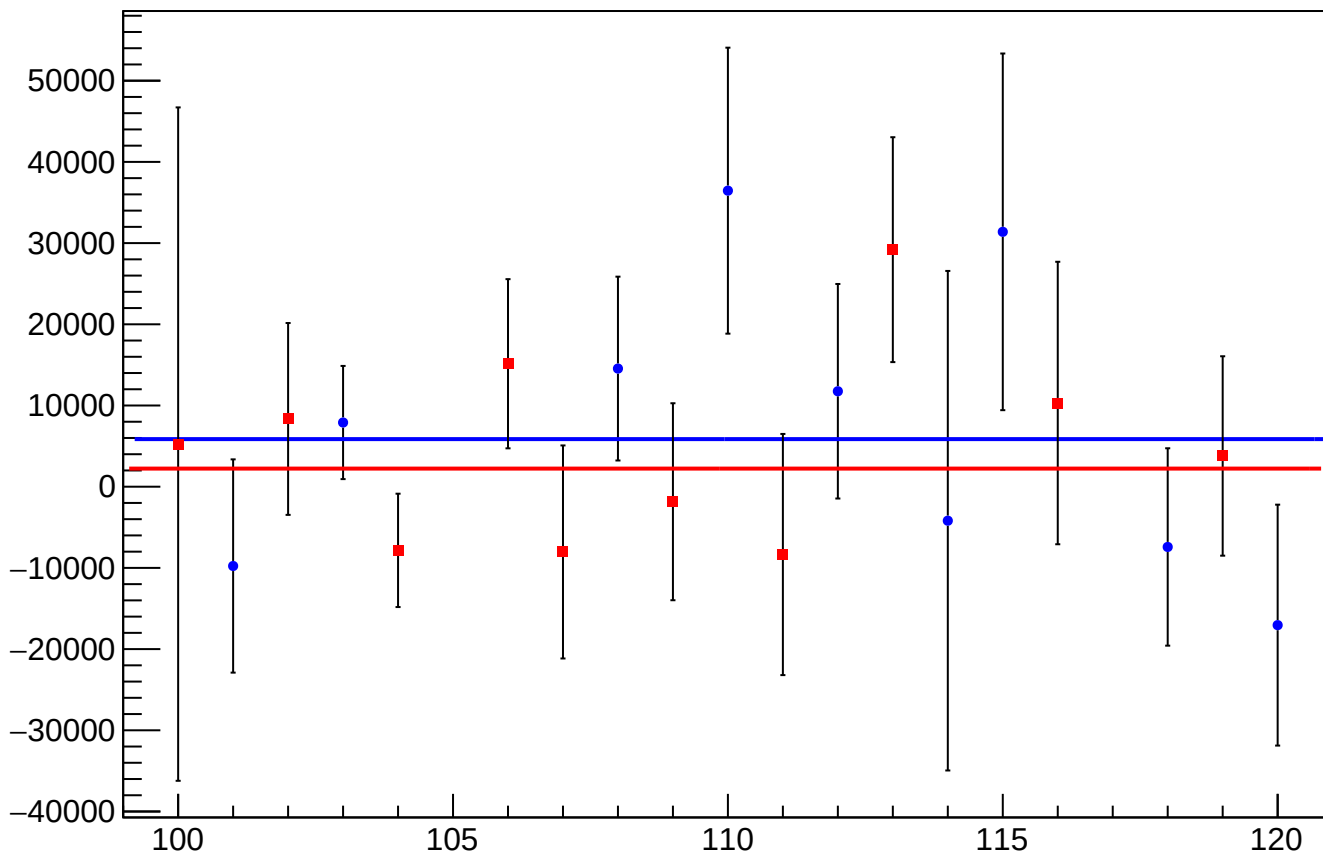
Right: 7280.941+/-1.896 χ^2/NDF : 746345.1/18

In: 7920.663+/-2.968 χ^2/NDF : 193067.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7280.941+/-1.896 χ^2/NDF : 746345.1/18

asym_atr2_mean vs Slug, Sign Corrected



Right In: 5860.737+/-4167.031 χ^2/NDF : 10.3/8

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

Right Out: 2229.954+/-3785.526 χ^2/NDF : 9.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

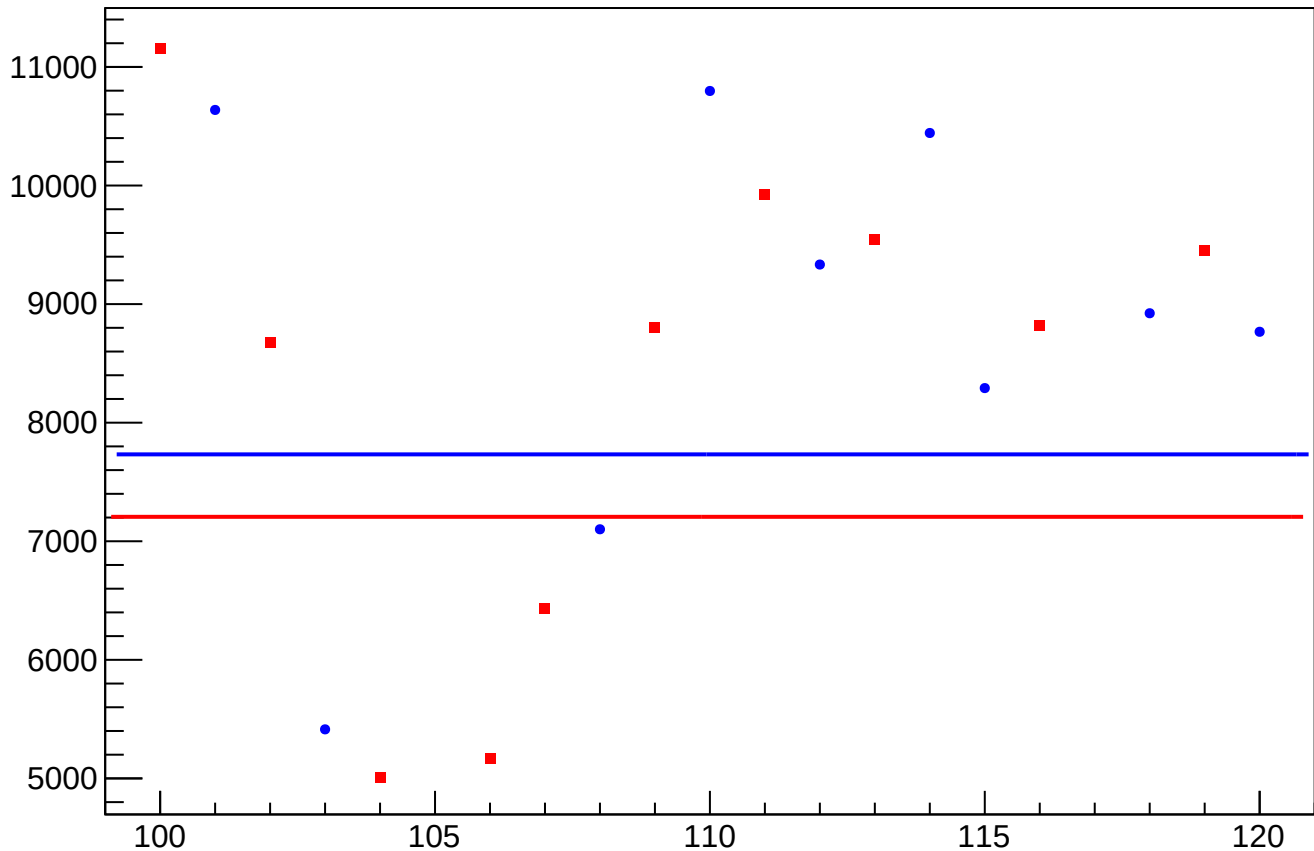
Right: 3871.567+/-2801.960 χ^2/NDF : 19.9/18

In: 5860.737+/-4167.031 χ^2/NDF : 10.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3871.567+/-2801.960 χ^2/NDF : 19.9/18

asym_atr2_rms vs Slug, Sign Corrected



Right In: 7732.754+/-2.947 χ^2/NDF : 461193.0/8

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

Right Out: 7206.067+/-2.677 χ^2/NDF : 572873.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

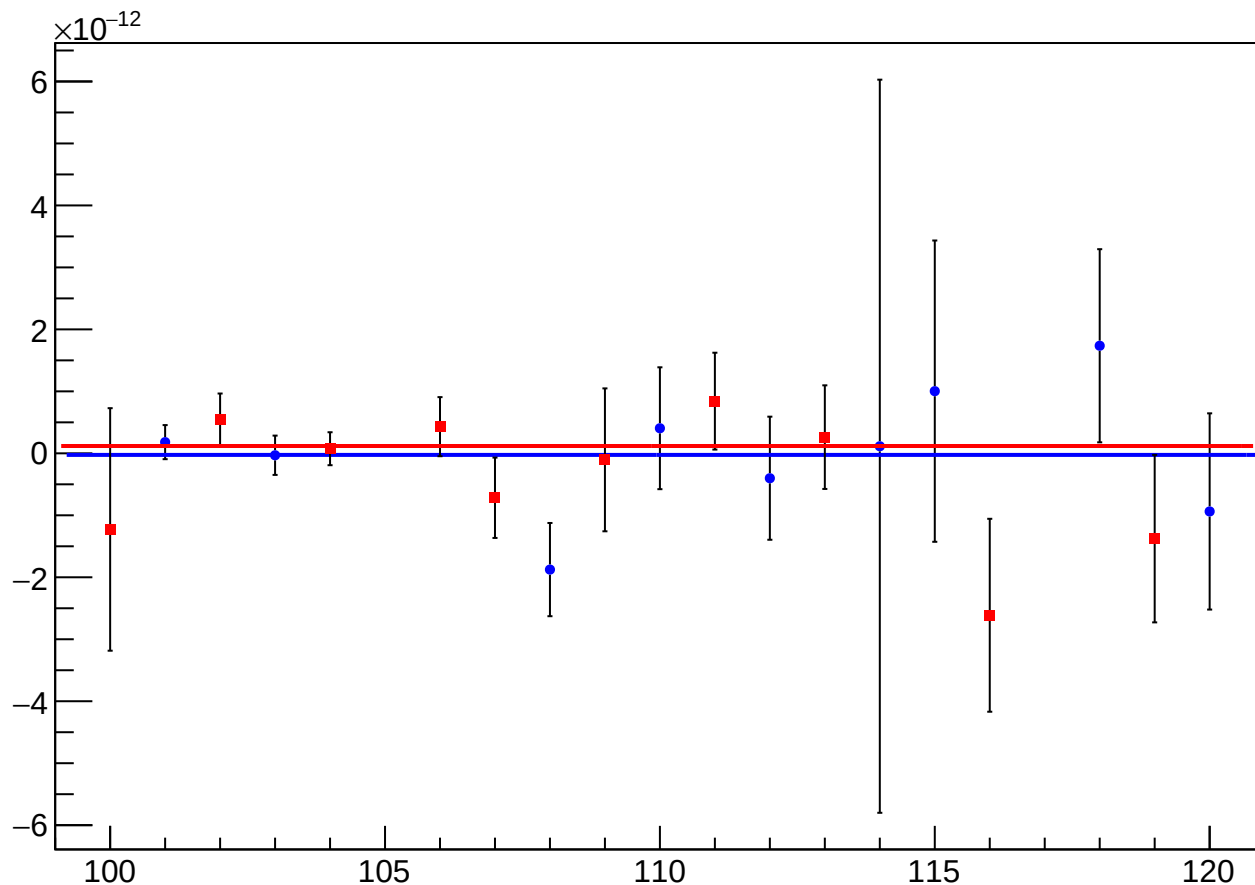
Right: 7444.195+/-1.981 χ^2/NDF : 1051571.5/18

In: 7732.754+/-2.947 χ^2/NDF : 461193.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7444.195+/-1.981 χ^2/NDF : 1051571.5/18

asym_atr2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 8.7/8

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

Right Out: 0.000+/-0.000 χ^2 /NDF: 8.8/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

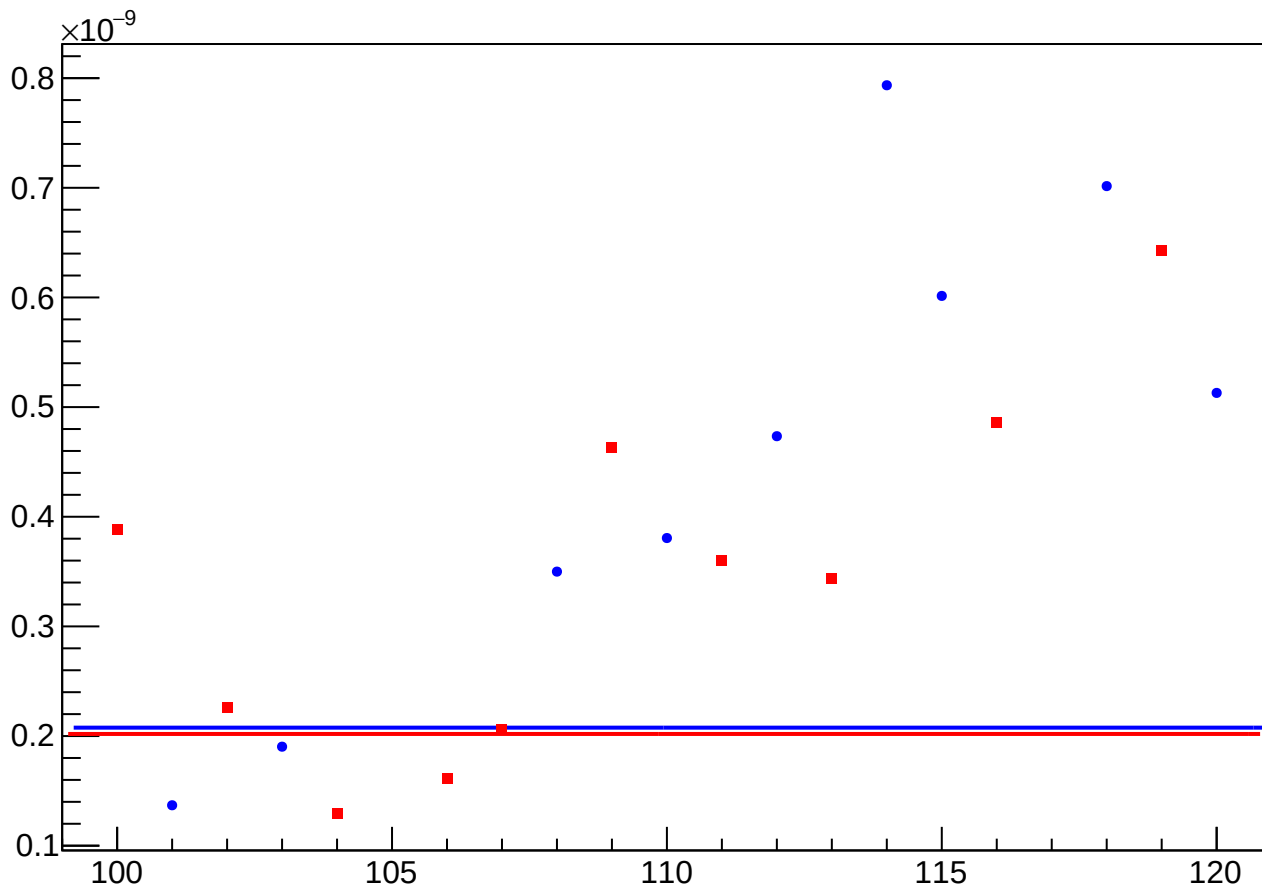
Right: 0.000+/-0.000 χ^2 /NDF: 17.8/18

In: -0.000+/-0.000 χ^2 /NDF:8.7/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 17.8/18

asym_atr2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 762618.7/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 710653.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

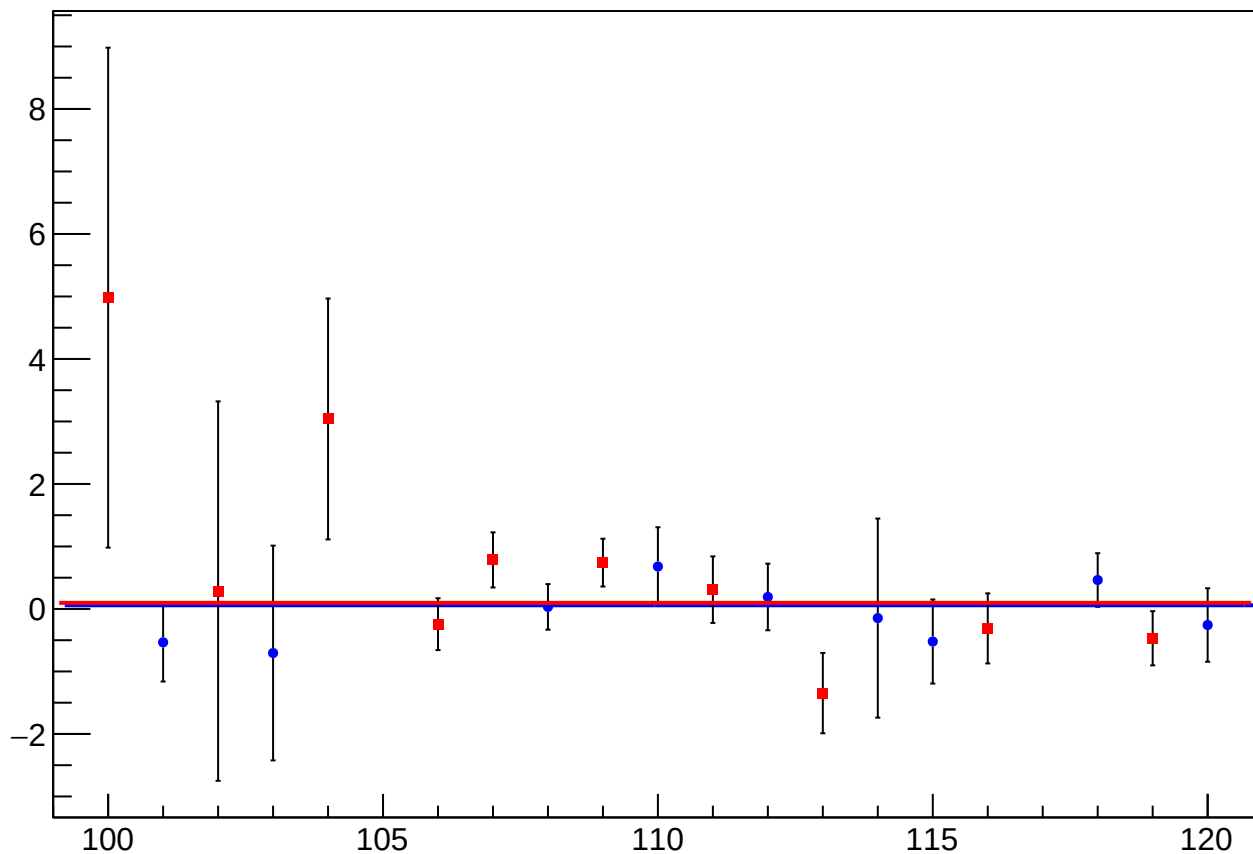
Right: 0.000+/-0.000 χ^2/NDF : 1474255.2/18

In: 0.000+/-0.000 χ^2/NDF : 762618.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1474255.2/18

asym_atr2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.059+/-0.191 χ^2/NDF : 4.1/8

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

Right Out: 0.098+/-0.175 χ^2/NDF : 17.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

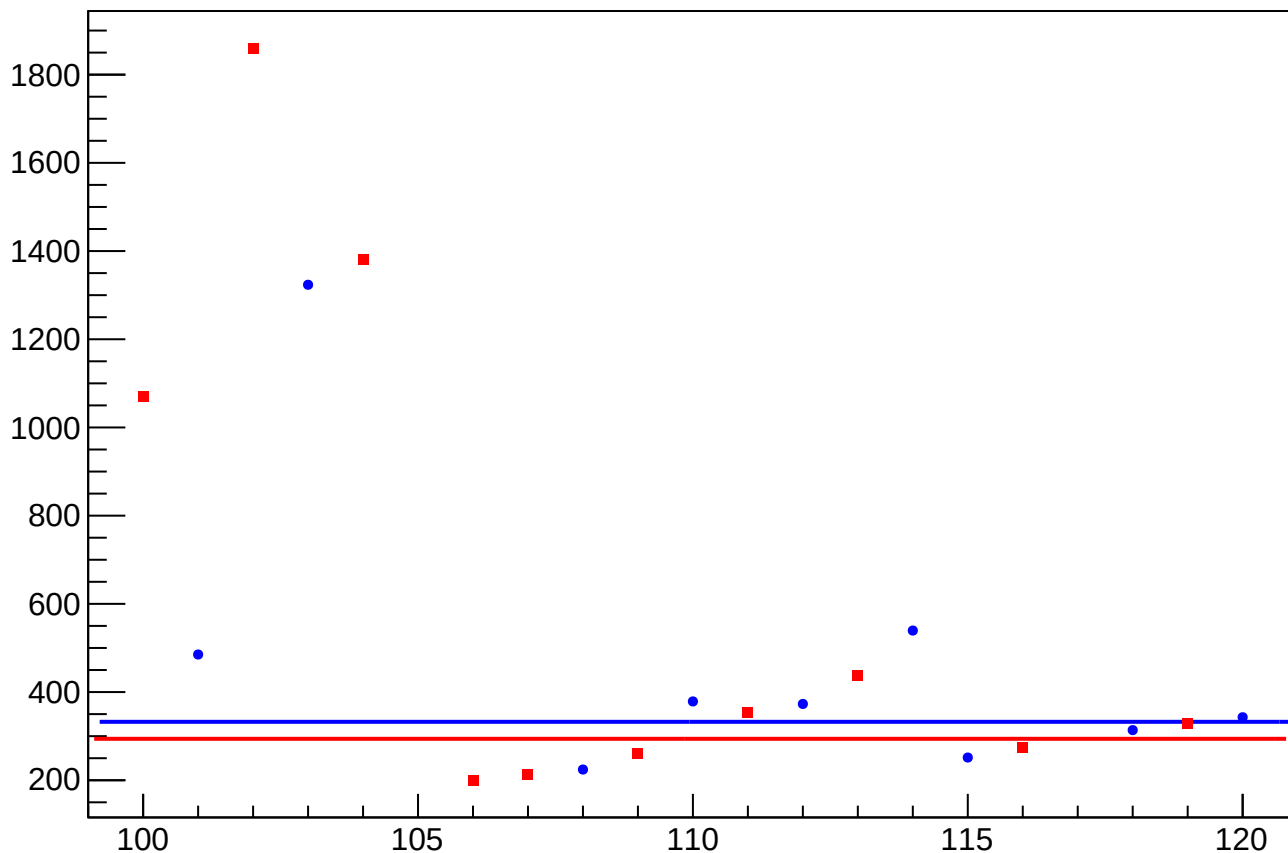
Right: 0.080+/-0.129 χ^2/NDF : 21.3/18

In: 0.059+/-0.191 χ^2/NDF :4.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.080+/-0.129 χ^2/NDF : 21.3/18

asym_atr2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 332.520+/-0.135 χ^2/NDF : 1049343.6/8

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

Right Out: 294.008+/-0.124 χ^2/NDF : 1570550.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

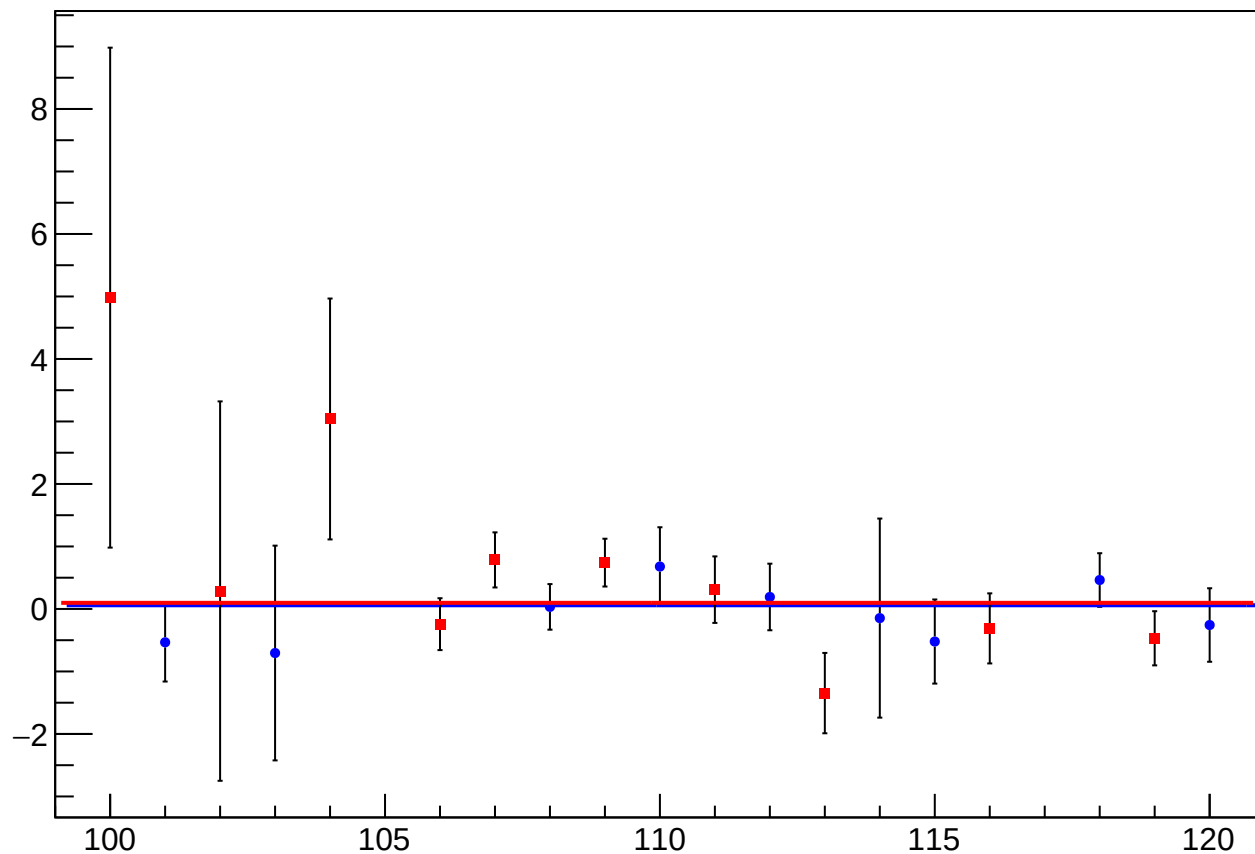
Right: 311.561+/-0.091 χ^2/NDF : 2664093.7/18

In: 332.520+/-0.135 χ^2/NDF : 1049343.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 311.561+/-0.091 χ^2/NDF : 2664093.7/18

asym_atr2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.059+/-0.191 χ^2/NDF : 4.1/8

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

Right Out: 0.098+/-0.175 χ^2/NDF : 17.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

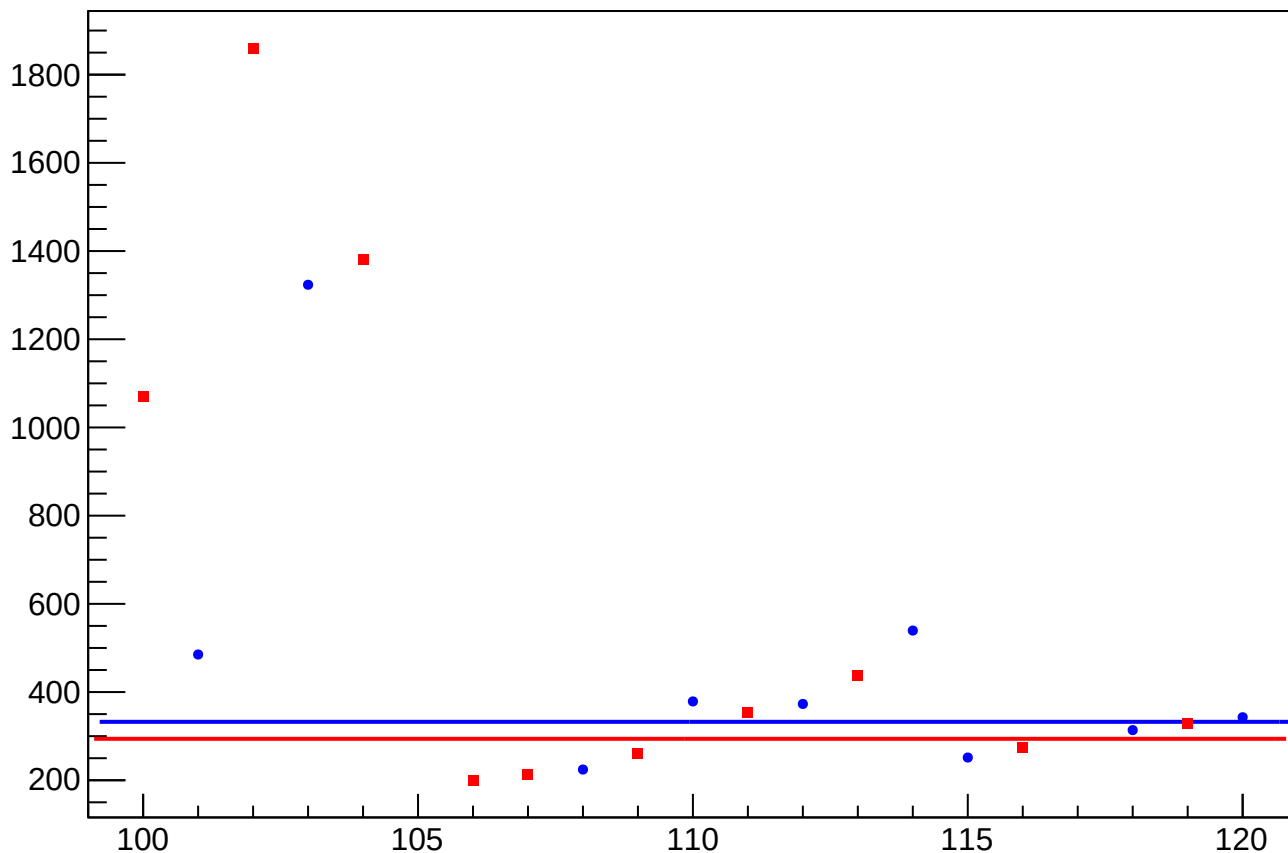
Right: 0.080+/-0.129 χ^2/NDF : 21.3/18

In: 0.059+/-0.191 χ^2/NDF : 4.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.080+/-0.129 χ^2/NDF : 21.3/18

asym_atr2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 332.520+/-0.135 χ^2/NDF : 1049343.6/8

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

Right Out: 294.008+/-0.124 χ^2/NDF : 1570550.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

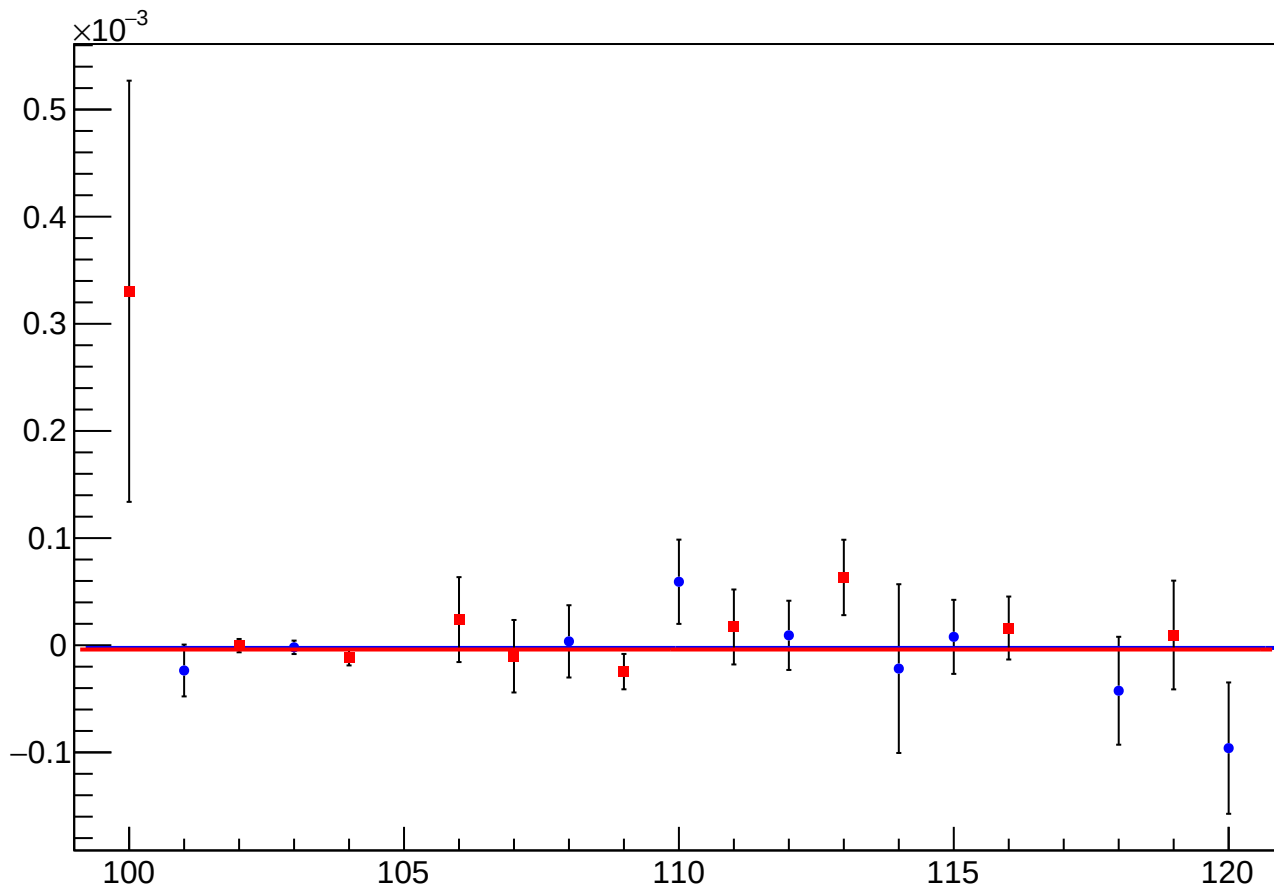
Right: 311.561+/-0.091 χ^2/NDF : 2664093.7/18

In: 332.520+/-0.135 χ^2/NDF :1049343.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 311.561+/-0.091 χ^2/NDF : 2664093.7/18

asym_atr2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.5/8

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

Right Out: -0.000+/-0.000 χ^2/NDF : 10.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

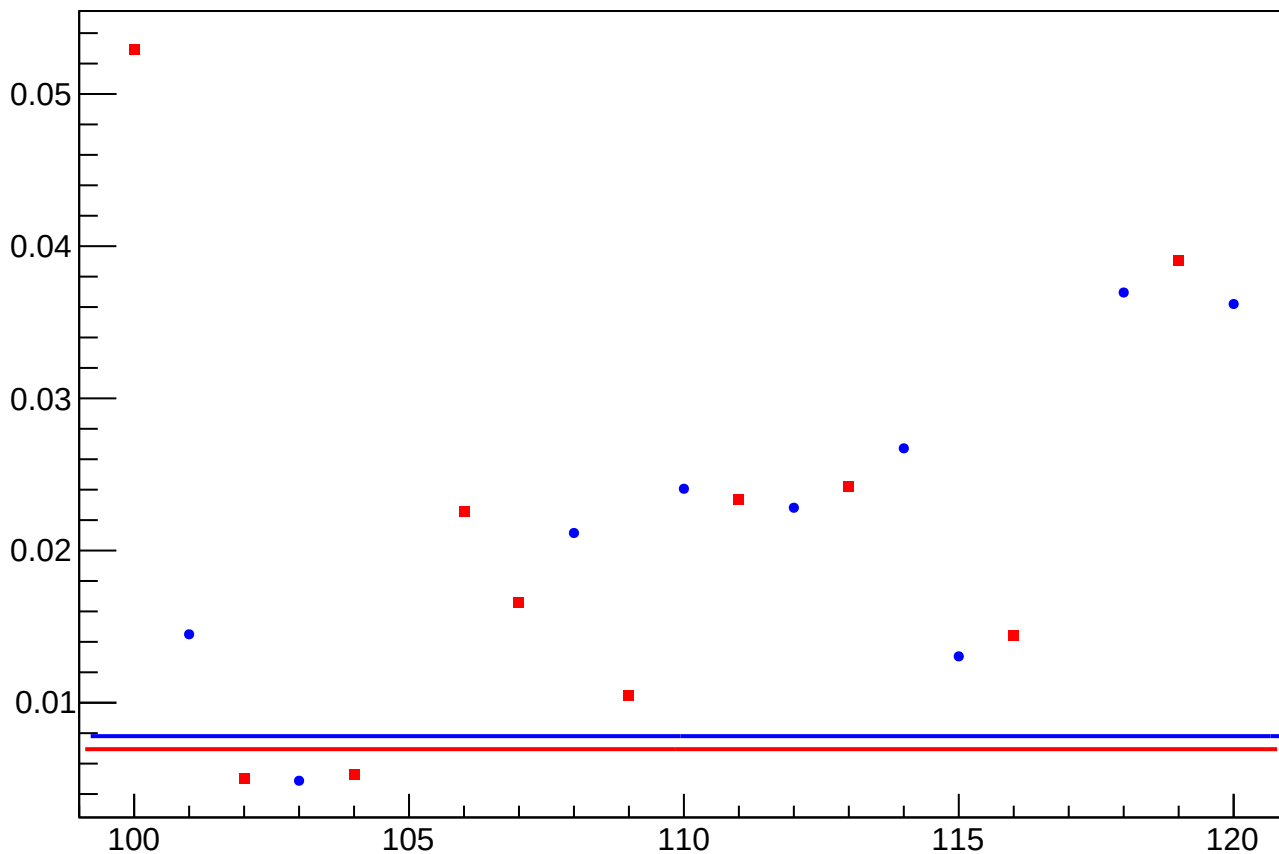
Right: -0.000+/-0.000 χ^2/NDF : 17.5/18

In: -0.000+/-0.000 χ^2/NDF : 6.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.5/18

asym_atr2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 2938010.4/8

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

Right Out: 0.007+/-0.000 χ^2/NDF : 2824543.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

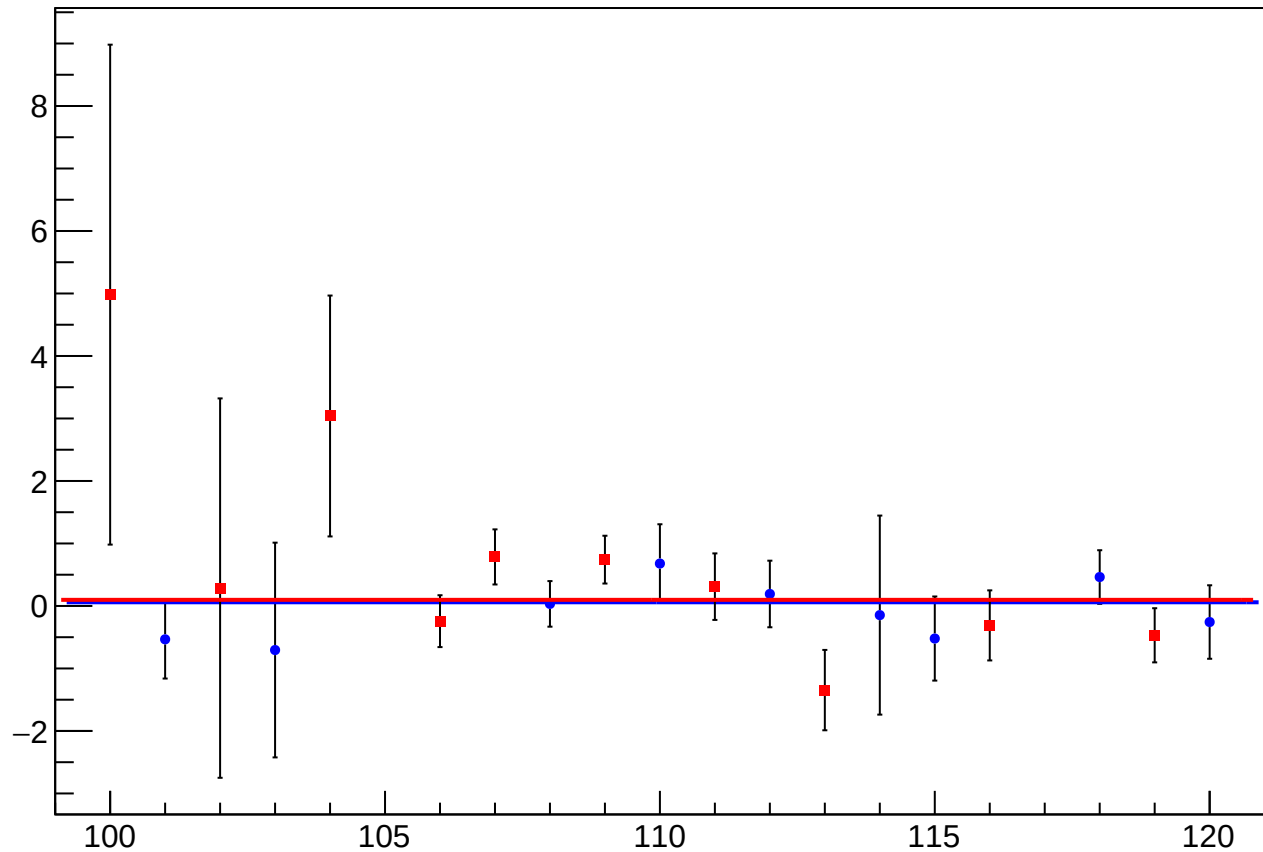
Right: 0.007+/-0.000 χ^2/NDF : 5791346.7/18

In: 0.008+/-0.000 χ^2/NDF :2938010.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 5791346.7/18

asym_atr2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.059+/-0.191 χ^2/NDF : 4.1/8

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

Right Out: 0.098+/-0.175 χ^2/NDF : 17.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

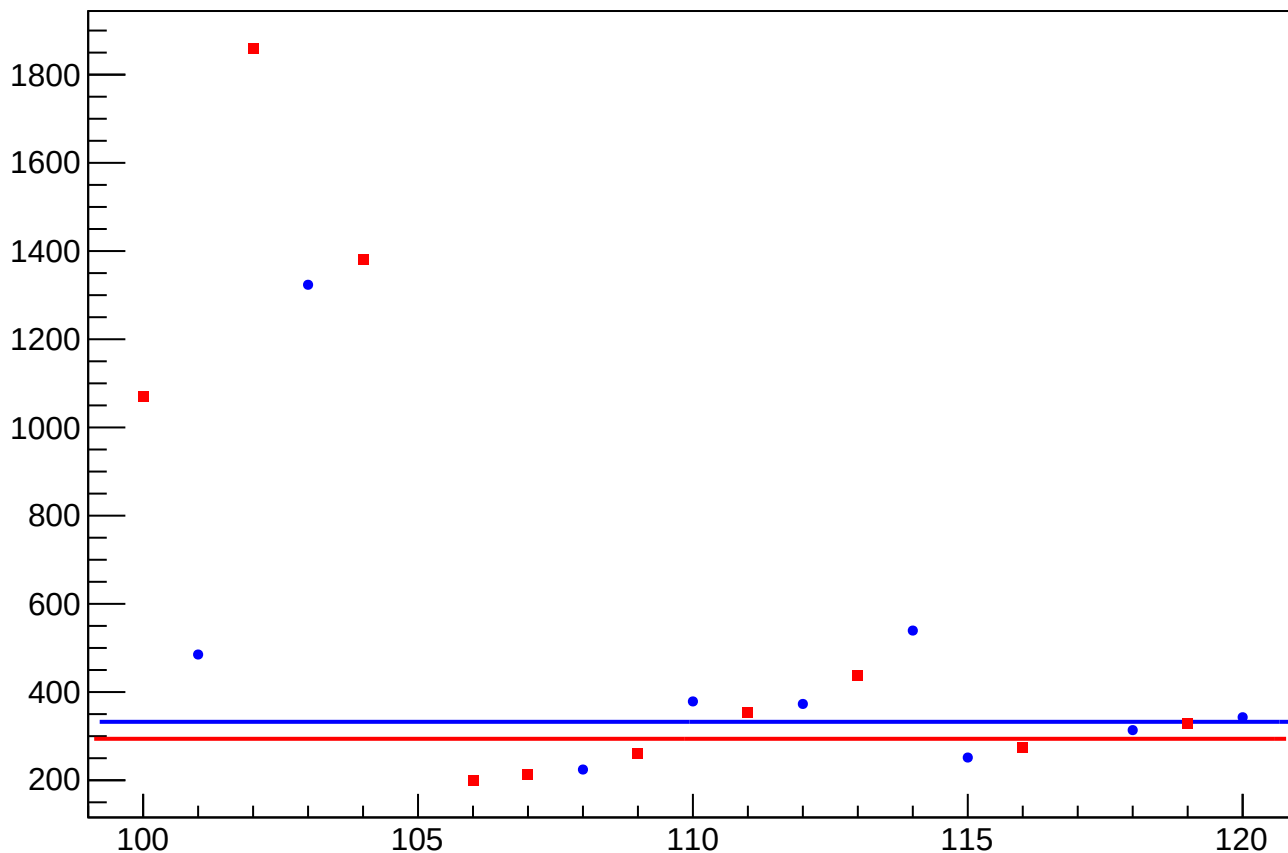
Right: 0.080+/-0.129 χ^2/NDF : 21.3/18

In: 0.059+/-0.191 χ^2/NDF : 4.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.080+/-0.129 χ^2/NDF : 21.3/18

asym_atr2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 332.517+/-0.135 χ^2/NDF : 1049368.0/8

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

Right Out: 294.009+/-0.124 χ^2/NDF : 1570551.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

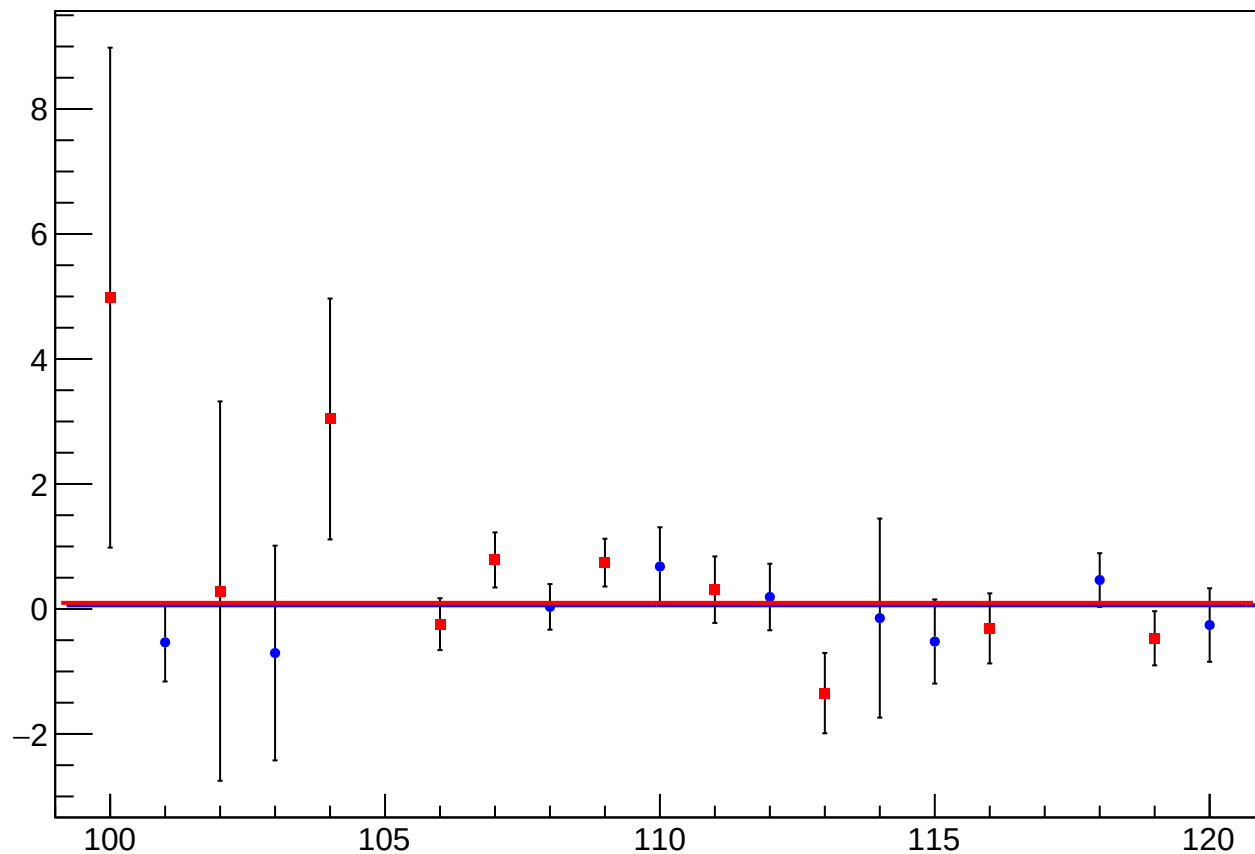
Right: 311.560+/-0.091 χ^2/NDF : 2664109.3/18

In: 332.517+/-0.135 χ^2/NDF :1049368.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 311.560+/-0.091 χ^2/NDF : 2664109.3/18

asym_atr2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.059+/-0.191 χ^2/NDF : 4.1/8

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

Right Out: 0.098+/-0.175 χ^2/NDF : 17.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

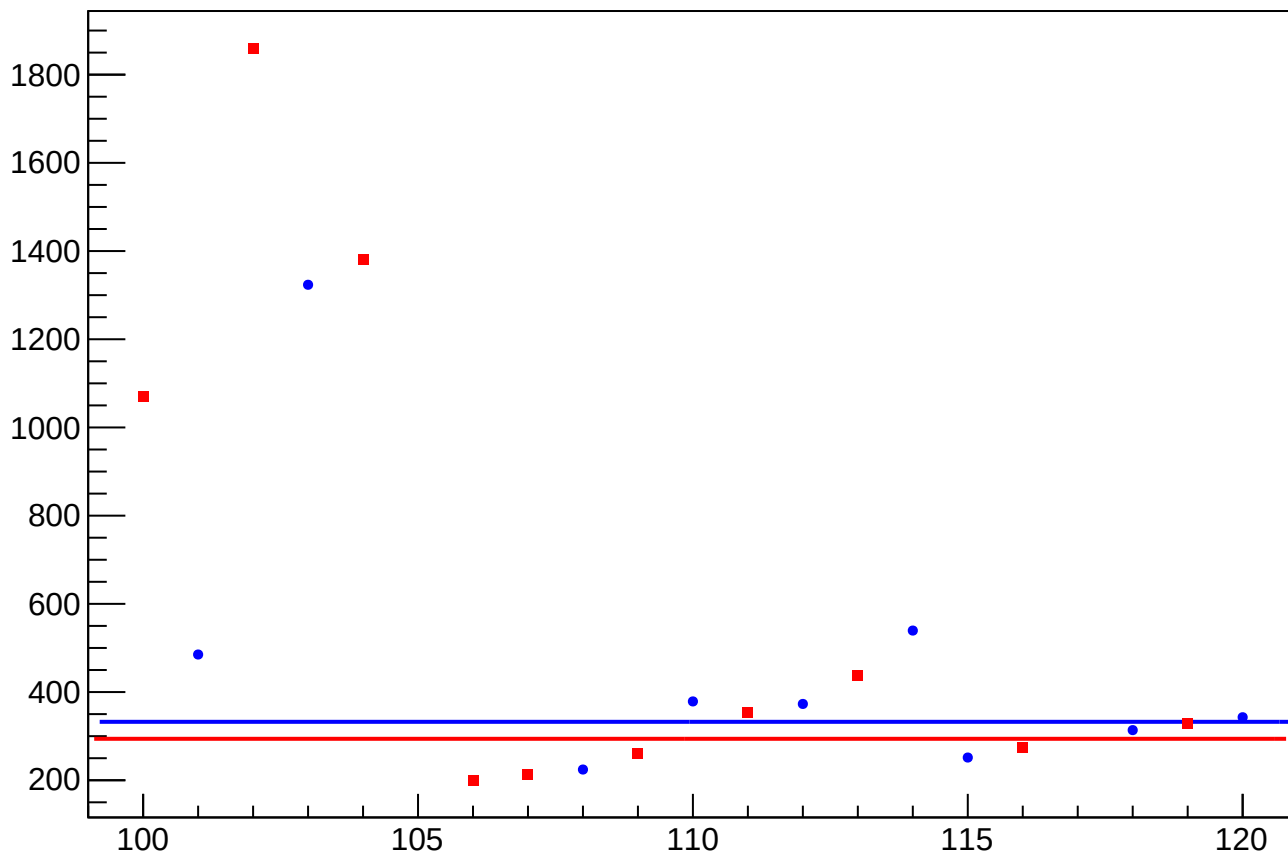
Right: 0.080+/-0.129 χ^2/NDF : 21.3/18

In: 0.059+/-0.191 χ^2/NDF :4.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.080+/-0.129 χ^2/NDF : 21.3/18

asym_atr2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 332.517+/-0.135 χ^2/NDF : 1049368.0/8

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

Right Out: 294.009+/-0.124 χ^2/NDF : 1570551.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

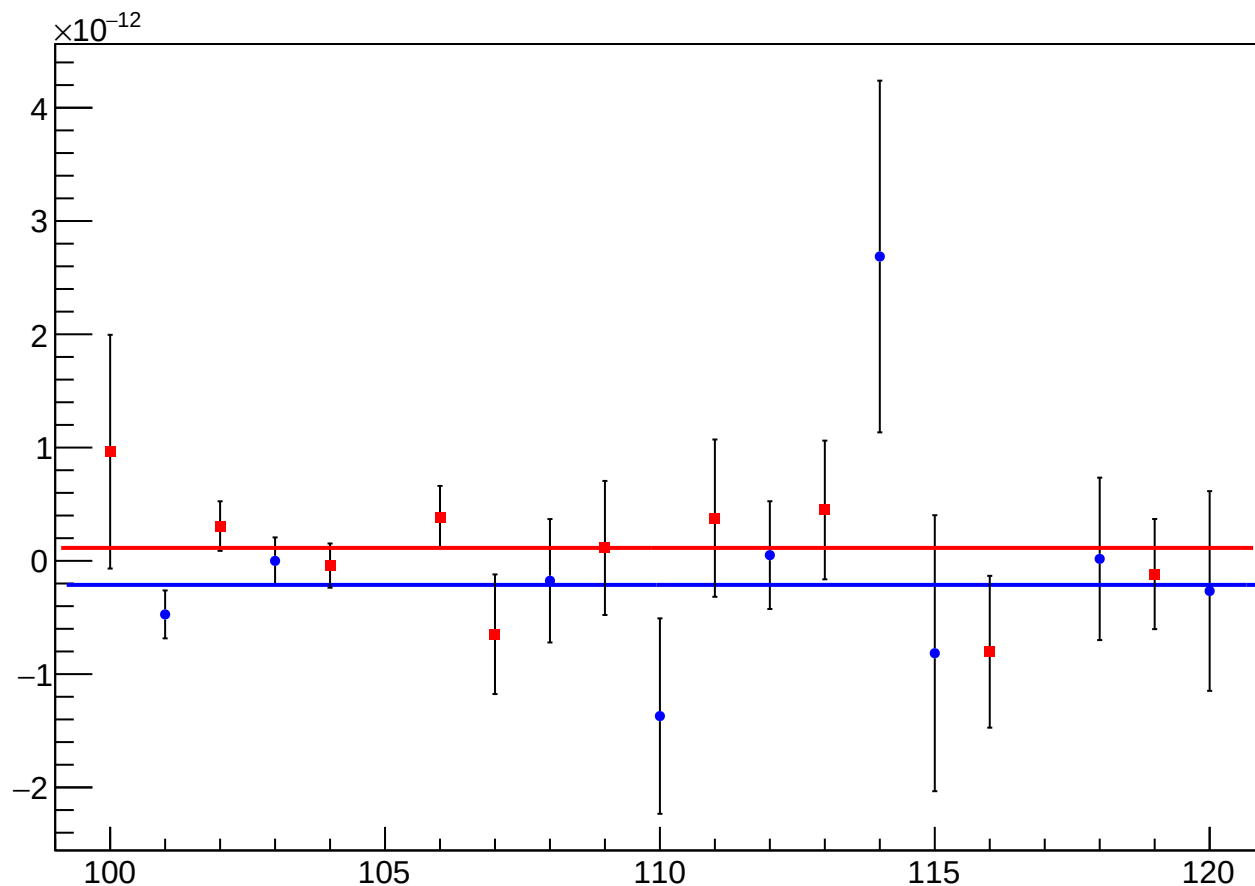
Right: 311.560+/-0.091 χ^2/NDF : 2664109.3/18

In: 332.517+/-0.135 χ^2/NDF :1049368.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 311.560+/-0.091 χ^2/NDF : 2664109.3/18

asym_atr2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 8.5/8

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

Right Out: 0.000+/-0.000 χ^2 /NDF: 7.7/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

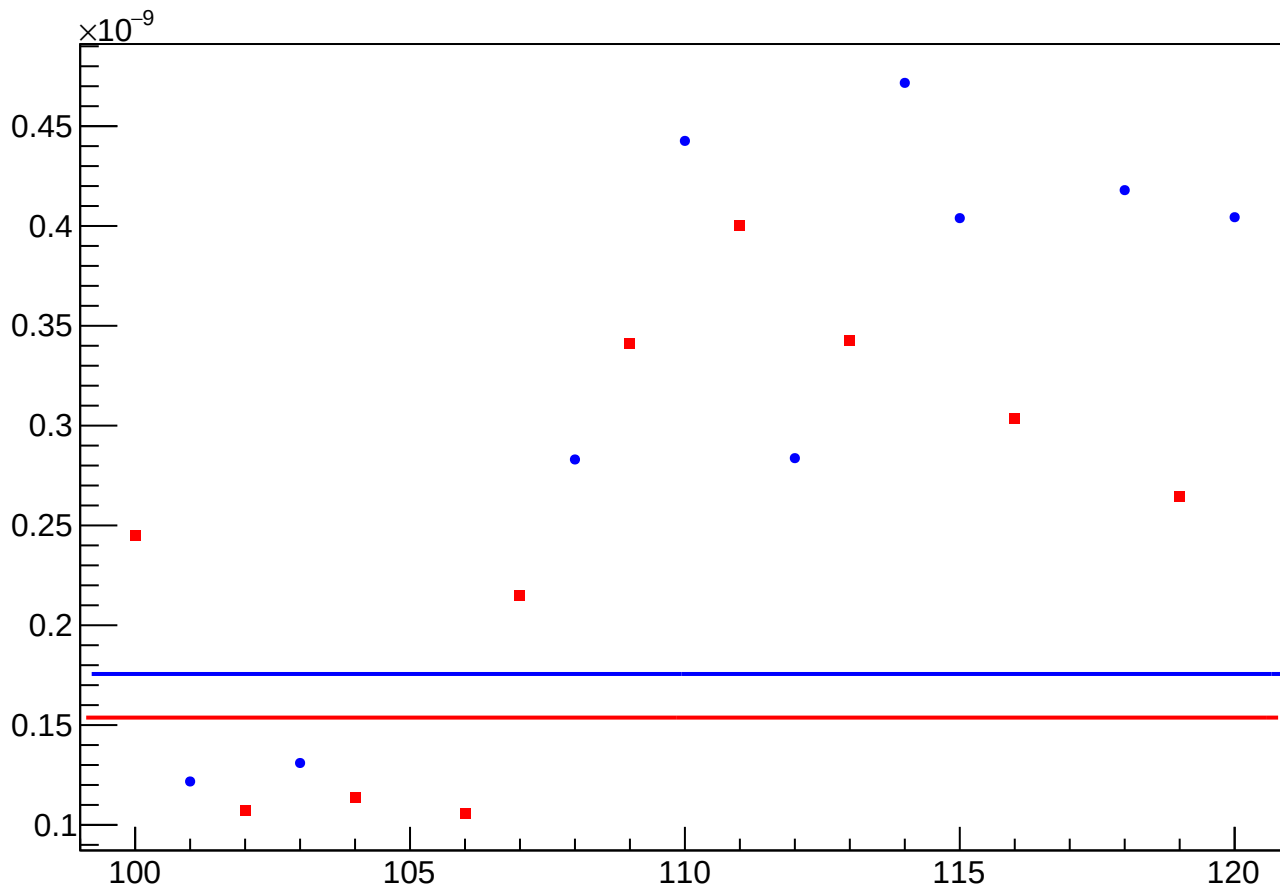
Right: -0.000+/-0.000 χ^2 /NDF: 19.8/18

In: -0.000+/-0.000 χ^2 /NDF:8.5/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 19.8/18

asym_atr2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1101230.3/8

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1124637.6/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

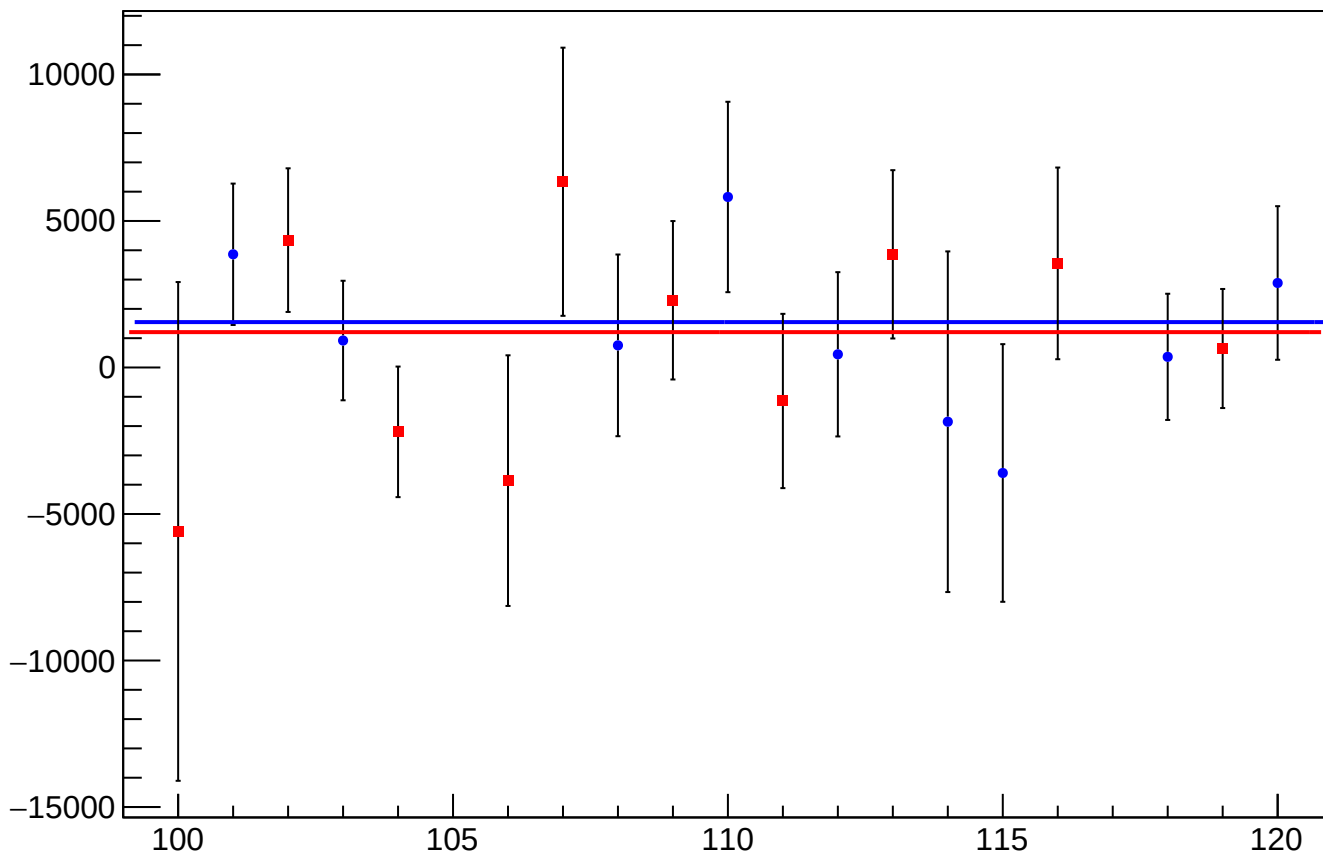
Right: 0.000+/-0.000 χ^2/NDF : 2258138.3/18

In: 0.000+/-0.000 χ^2/NDF : 1101230.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2258138.3/18

reg_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1548.995+/-920.240 χ^2/NDF : 5.2/8

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

Right Out: 1206.693+/-916.301 χ^2/NDF : 9.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

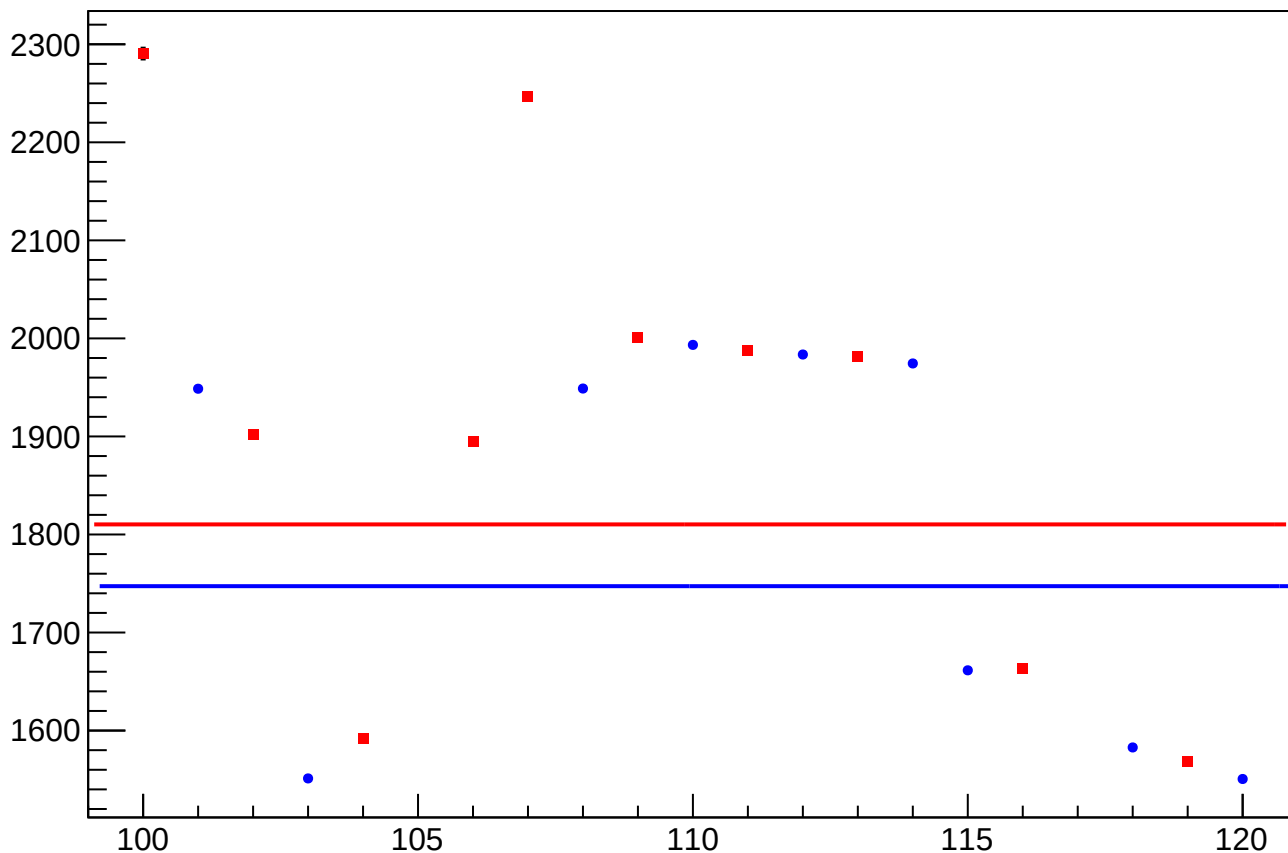
Right: 1377.110+/-649.311 χ^2/NDF : 14.8/18

In: 1548.995+/-920.240 χ^2/NDF : 5.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1377.110+/-649.311 χ^2/NDF : 14.8/18

reg_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1747.277+/-0.651 χ^2/NDF : 93319.7/8

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

Right Out: 1810.277+/-0.642 χ^2/NDF : 104252.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

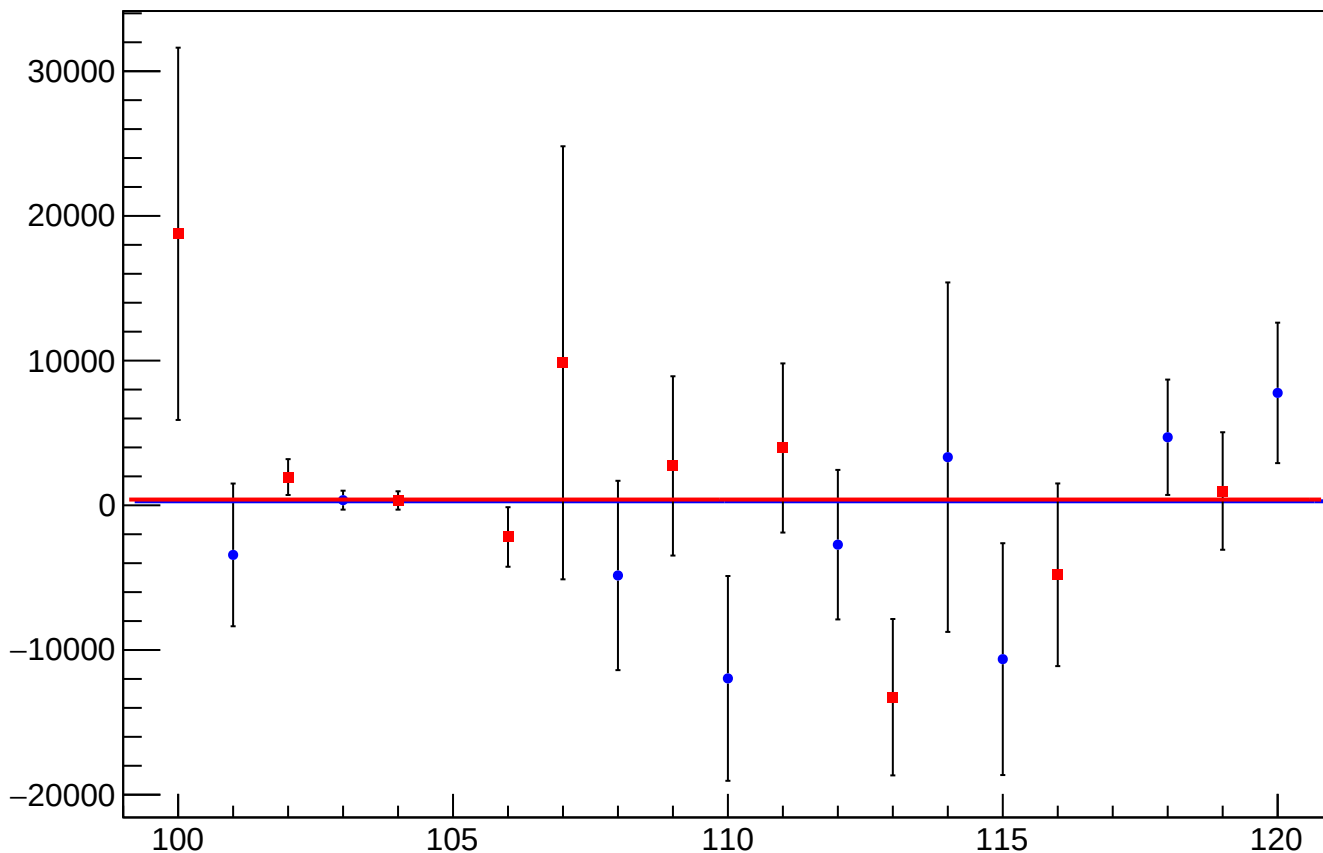
Right: 1779.215+/-0.457 χ^2/NDF : 202323.9/18

In: 1747.277+/-0.651 χ^2/NDF : 93319.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1779.215+/-0.457 χ^2/NDF : 202323.9/18

asym_atl_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 278.330+/-621.630 χ^2/NDF : 10.1/8

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

Right Out: 398.277+/-529.978 χ^2/NDF : 13.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

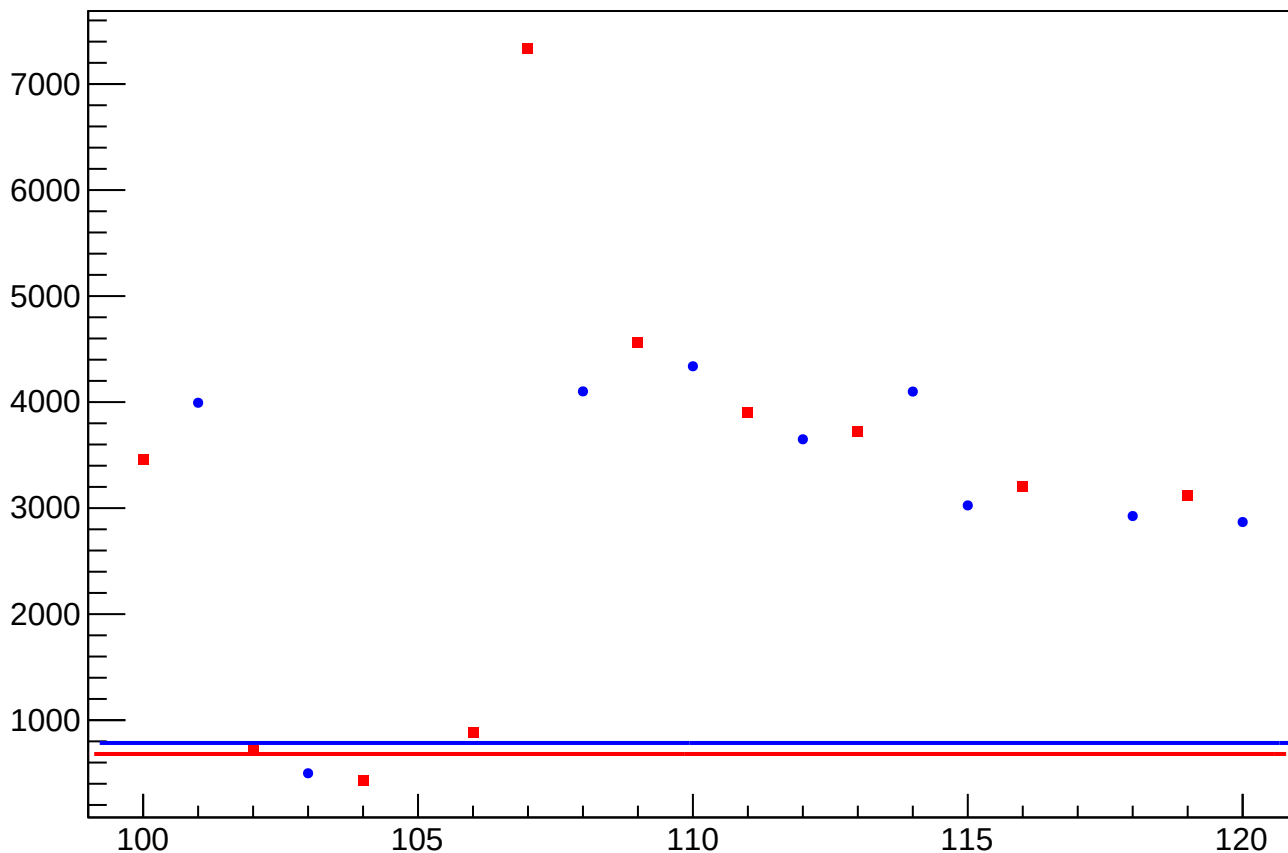
Right: 347.789+/-403.301 χ^2/NDF : 23.3/18

In: 278.330+/-621.630 χ^2/NDF :10.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 347.789+/-403.301 χ^2/NDF : 23.3/18

asym_atl_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 784.842+/-0.440 χ^2/NDF : 4114473.3/8

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

Right Out: 680.849+/-0.375 χ^2/NDF : 3893962.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

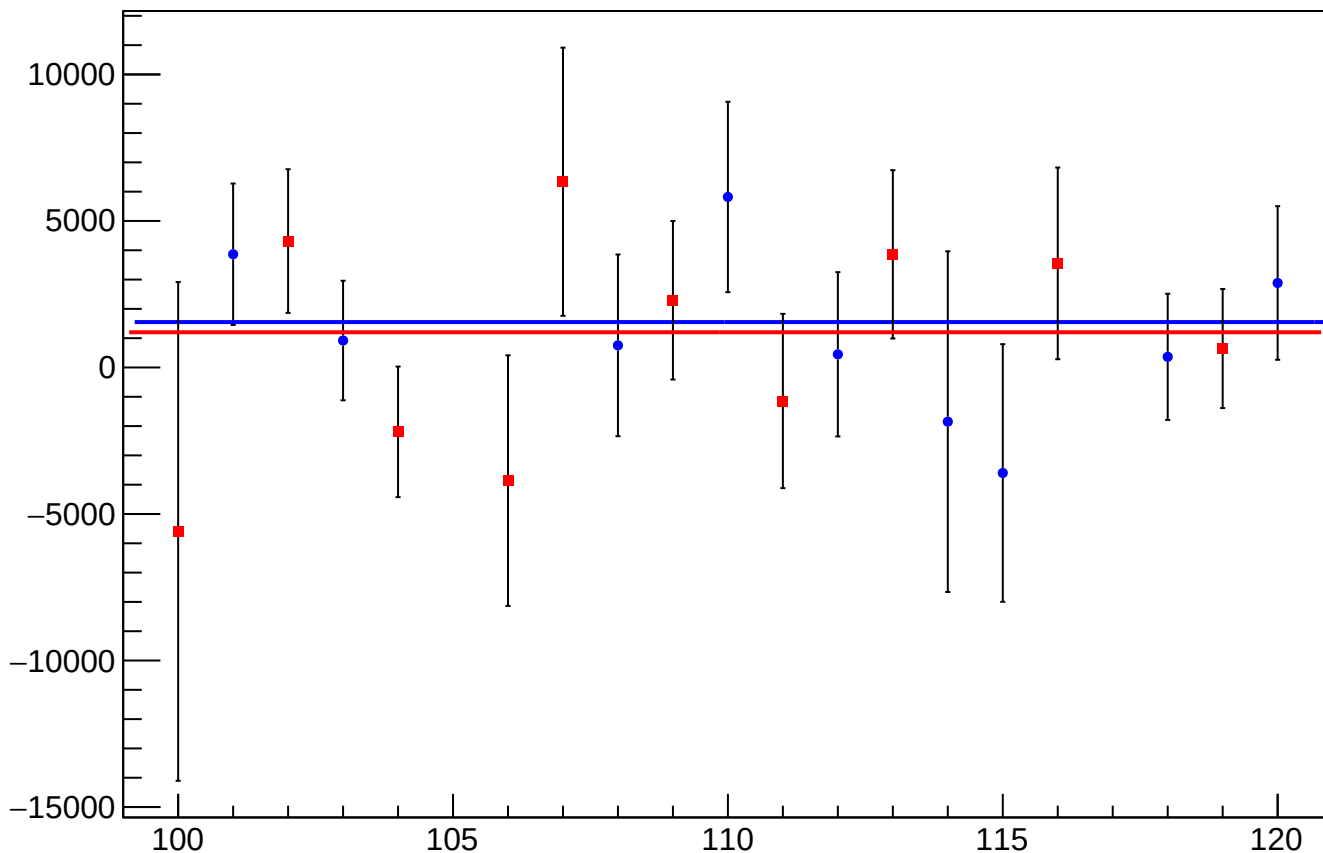
Right: 724.621+/-0.285 χ^2/NDF : 8040848.3/18

In: 784.842+/-0.440 χ^2/NDF : 4114473.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 724.621+/-0.285 χ^2/NDF : 8040848.3/18

cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1549.313+/-920.241 χ^2/NDF : 5.2/8

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

Right Out: 1201.762+/-916.316 χ^2/NDF : 9.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

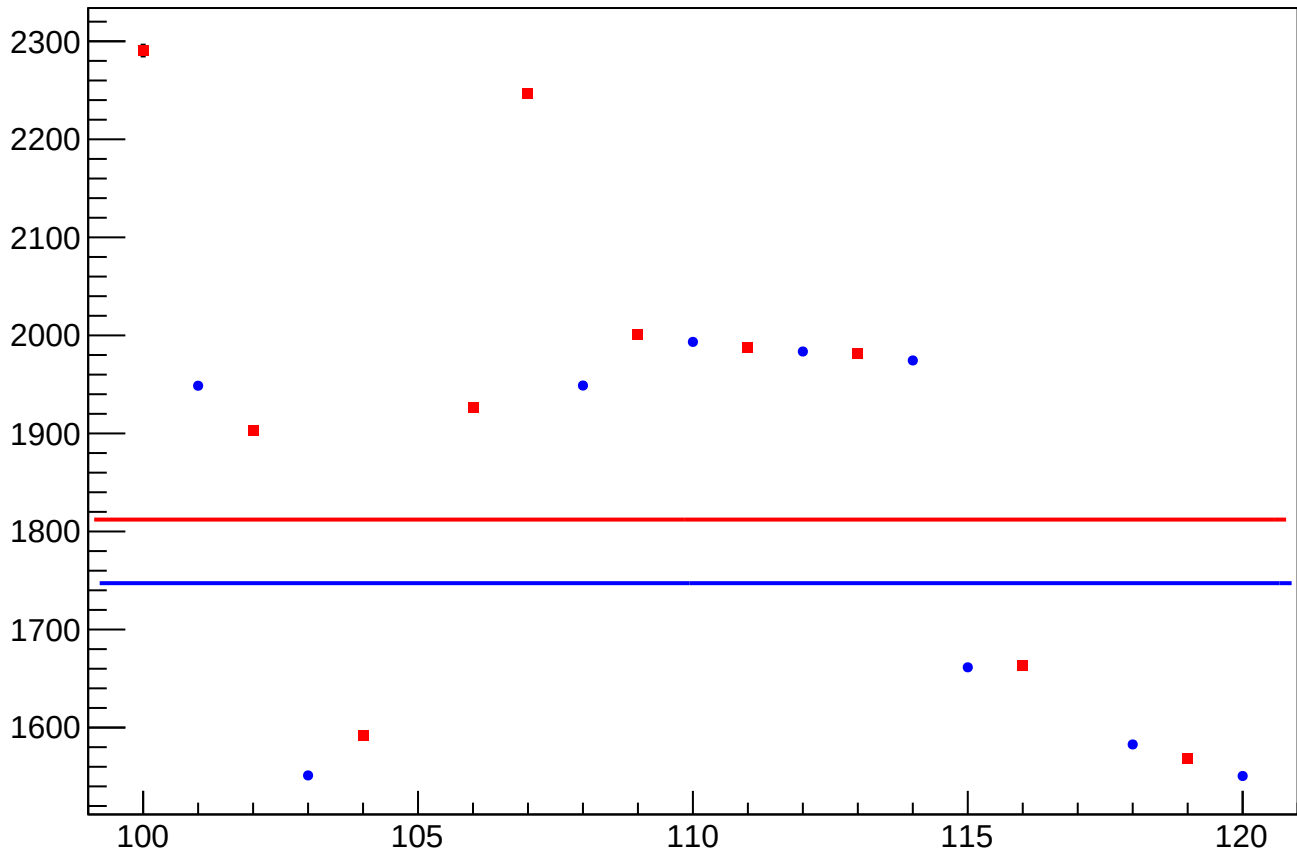
Right: 1374.794+/-649.316 χ^2/NDF : 14.8/18

In: 1549.313+/-920.241 χ^2/NDF : 5.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1374.794+/-649.316 χ^2/NDF : 14.8/18

cor_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1747.277+/-0.651 χ^2/NDF : 93319.9/8

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

Right Out: 1812.144+/-0.642 χ^2/NDF : 105198.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

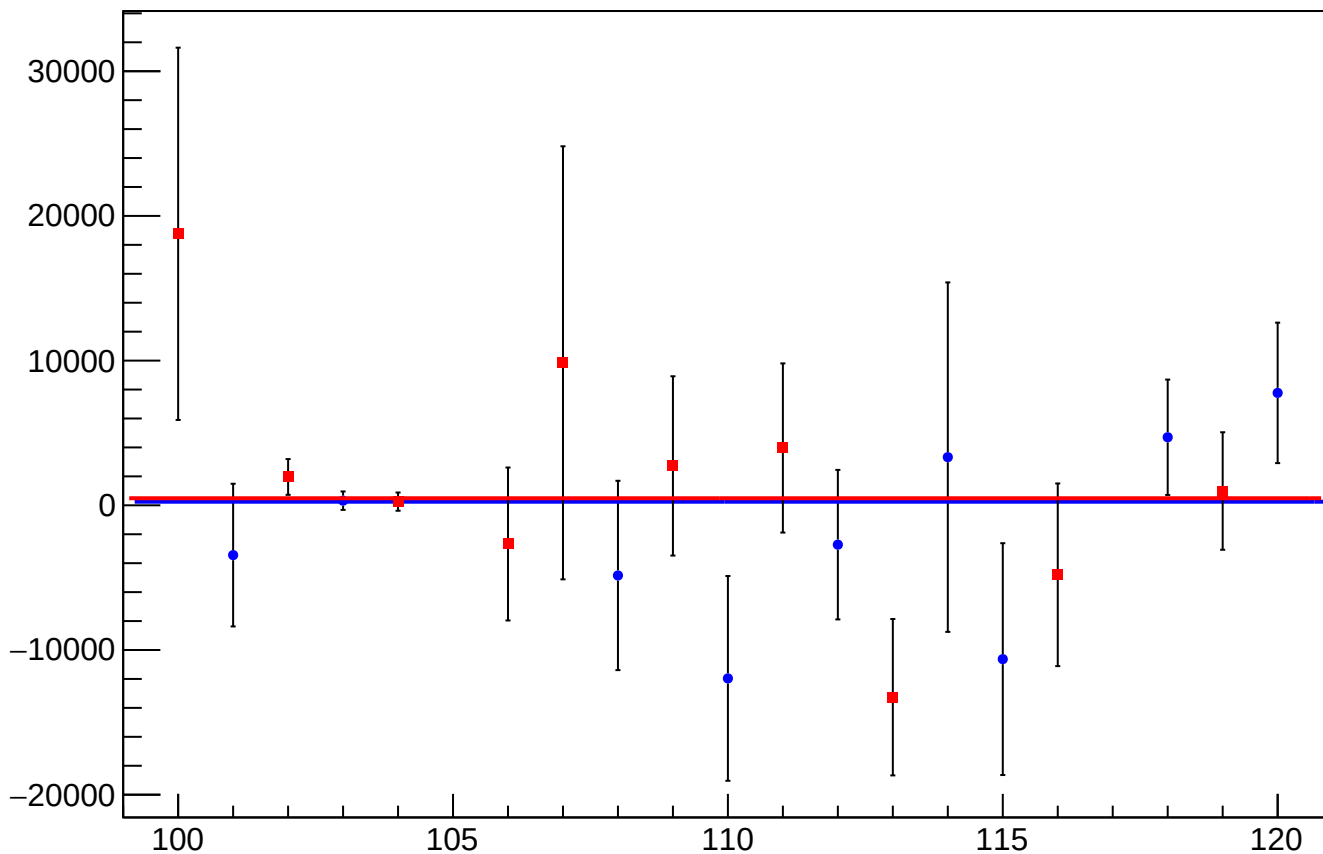
Right: 1780.129+/-0.457 χ^2/NDF : 203551.6/18

In: 1747.277+/-0.651 χ^2/NDF : 93319.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1780.129+/-0.457 χ^2/NDF : 203551.6/18

asym_atl_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 249.472+/-607.463 χ^2/NDF : 10.0/8

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

Right Out: 487.783+/-542.697 χ^2/NDF : 12.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

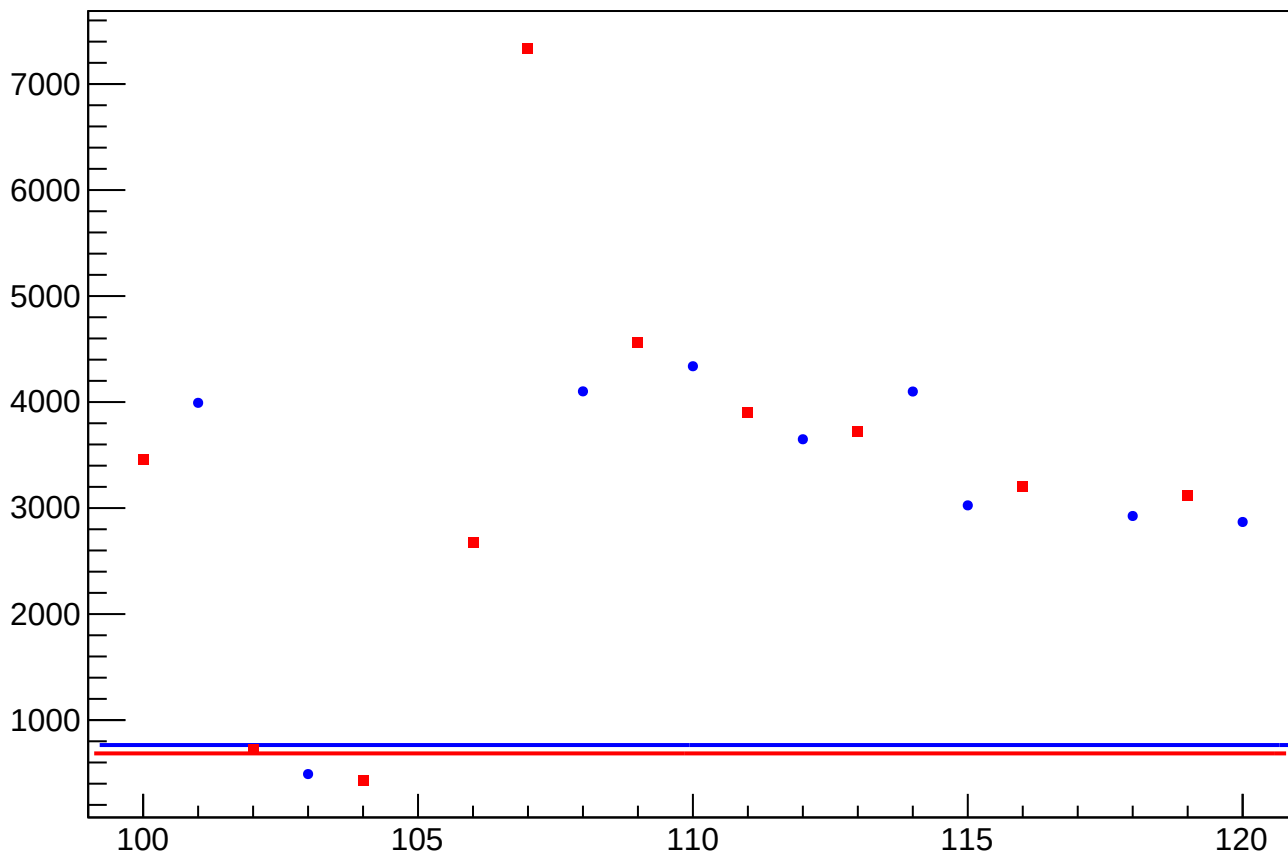
Right: 382.004+/-404.712 χ^2/NDF : 22.1/18

In: 249.472+/-607.463 χ^2/NDF : 10.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 382.004+/-404.712 χ^2/NDF : 22.1/18

asym_atl_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 764.573+/-0.430 χ^2/NDF : 4155344.0/8

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

Right Out: 685.669+/-0.384 χ^2/NDF : 4165058.6/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

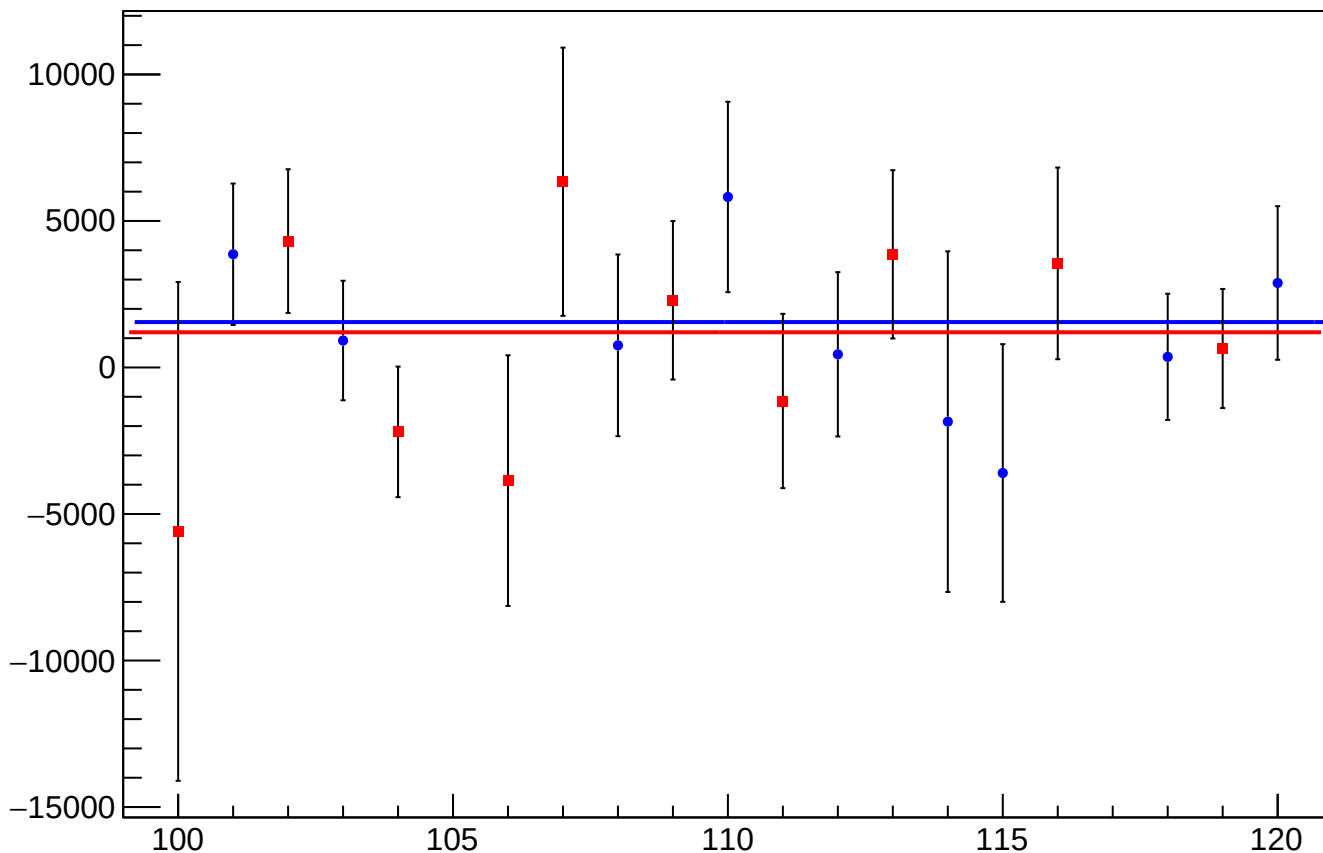
Right: 720.692+/-0.286 χ^2/NDF : 8339168.3/18

In: 764.573+/-0.430 χ^2/NDF : 4155344.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 720.692+/-0.286 χ^2/NDF : 8339168.3/18

eigen_cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1549.313 $\pm$ 920.241 χ^2 /NDF: 5.2/8

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

Right Out: 1201.762 $\pm$ 916.316 χ^2 /NDF: 9.5/9

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

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

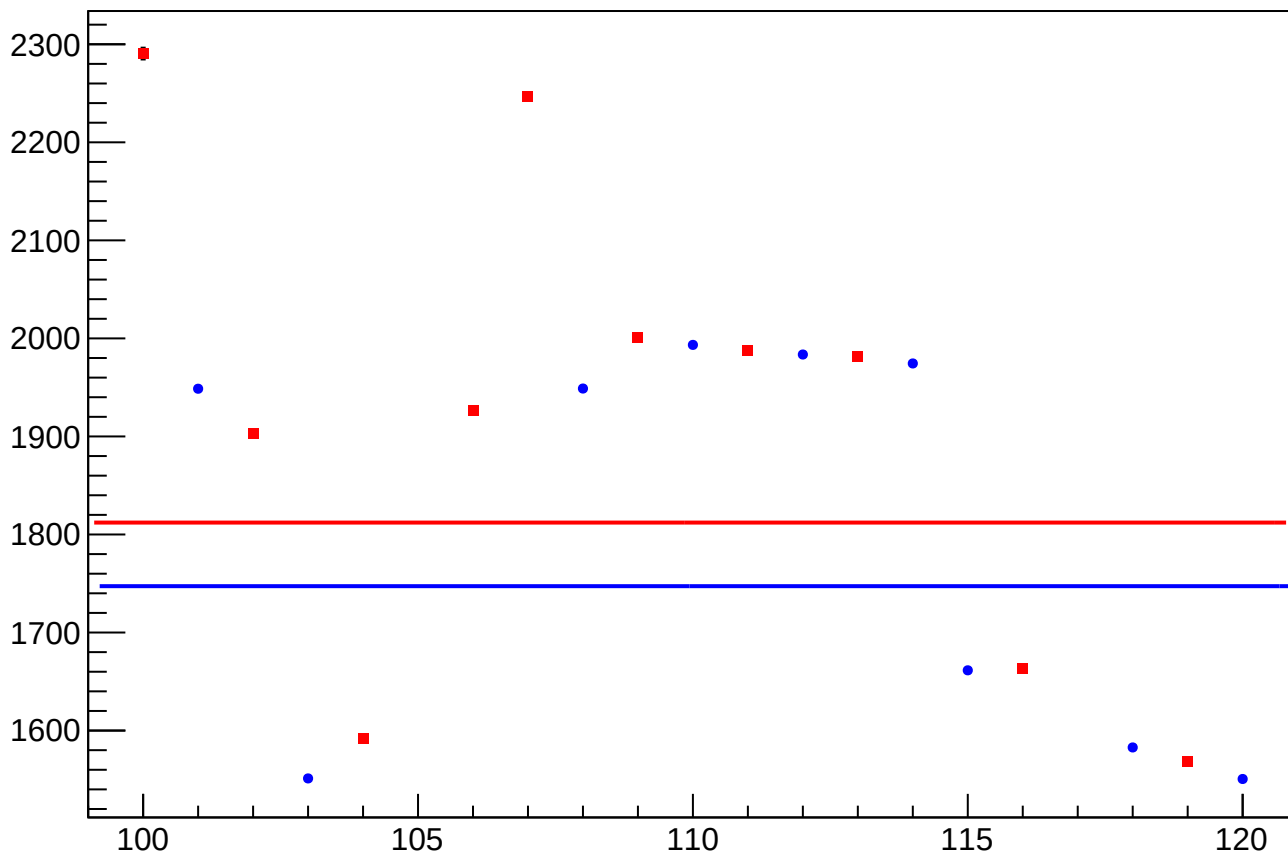
Right: 1374.794 $\pm$ 649.316 χ^2 /NDF: 14.8/18

In: 1549.313 $\pm$ 920.241 χ^2 /NDF:5.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1374.794 $\pm$ 649.316 χ^2 /NDF: 14.8/18

eigen_cor_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1747.277+/-0.651 χ^2/NDF : 93319.9/8

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

Right Out: 1812.144+/-0.642 χ^2/NDF : 105198.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

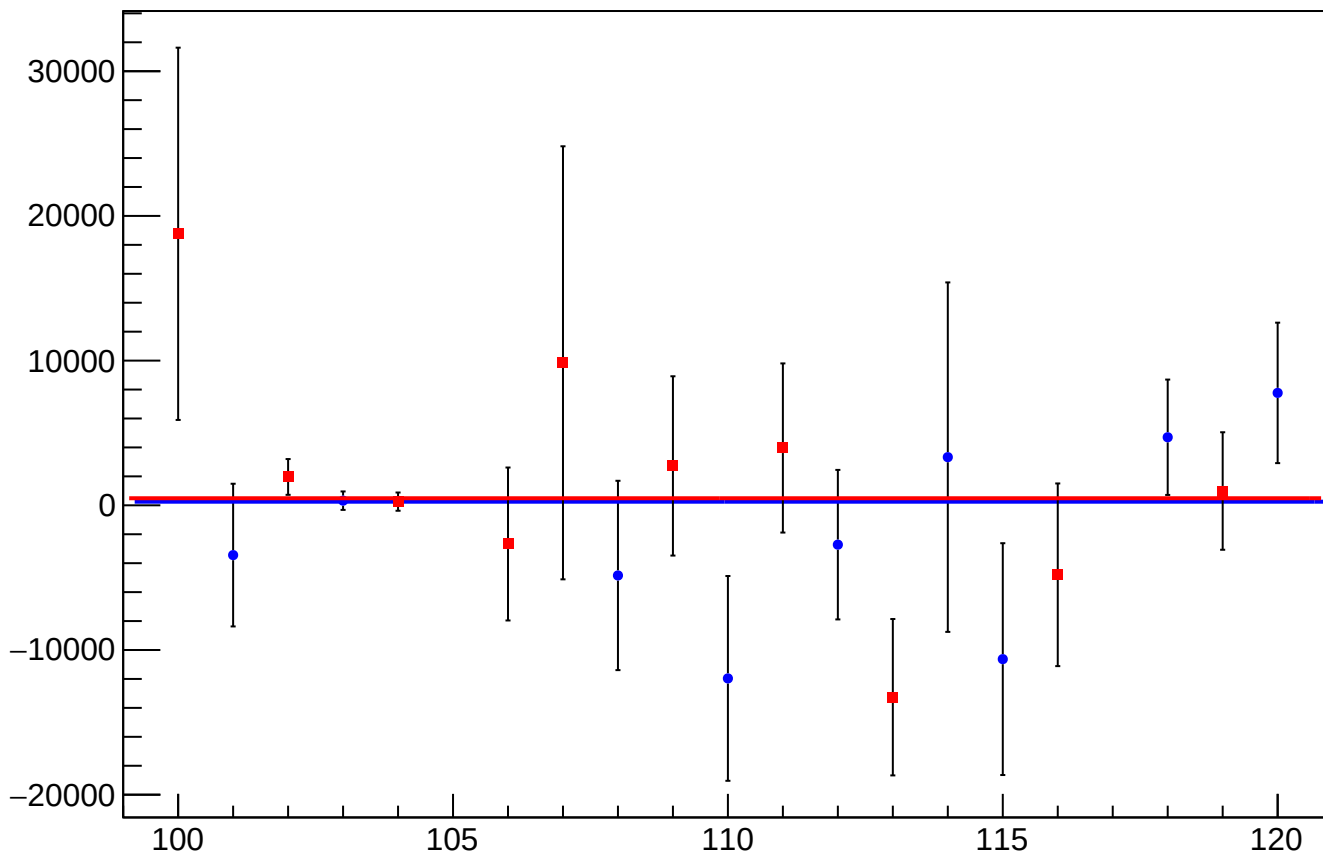
Right: 1780.129+/-0.457 χ^2/NDF : 203551.6/18

In: 1747.277+/-0.651 χ^2/NDF : 93319.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1780.129+/-0.457 χ^2/NDF : 203551.6/18

asym_atl_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 249.472+/-607.463 χ^2/NDF : 10.0/8

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

Right Out: 487.783+/-542.697 χ^2/NDF : 12.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

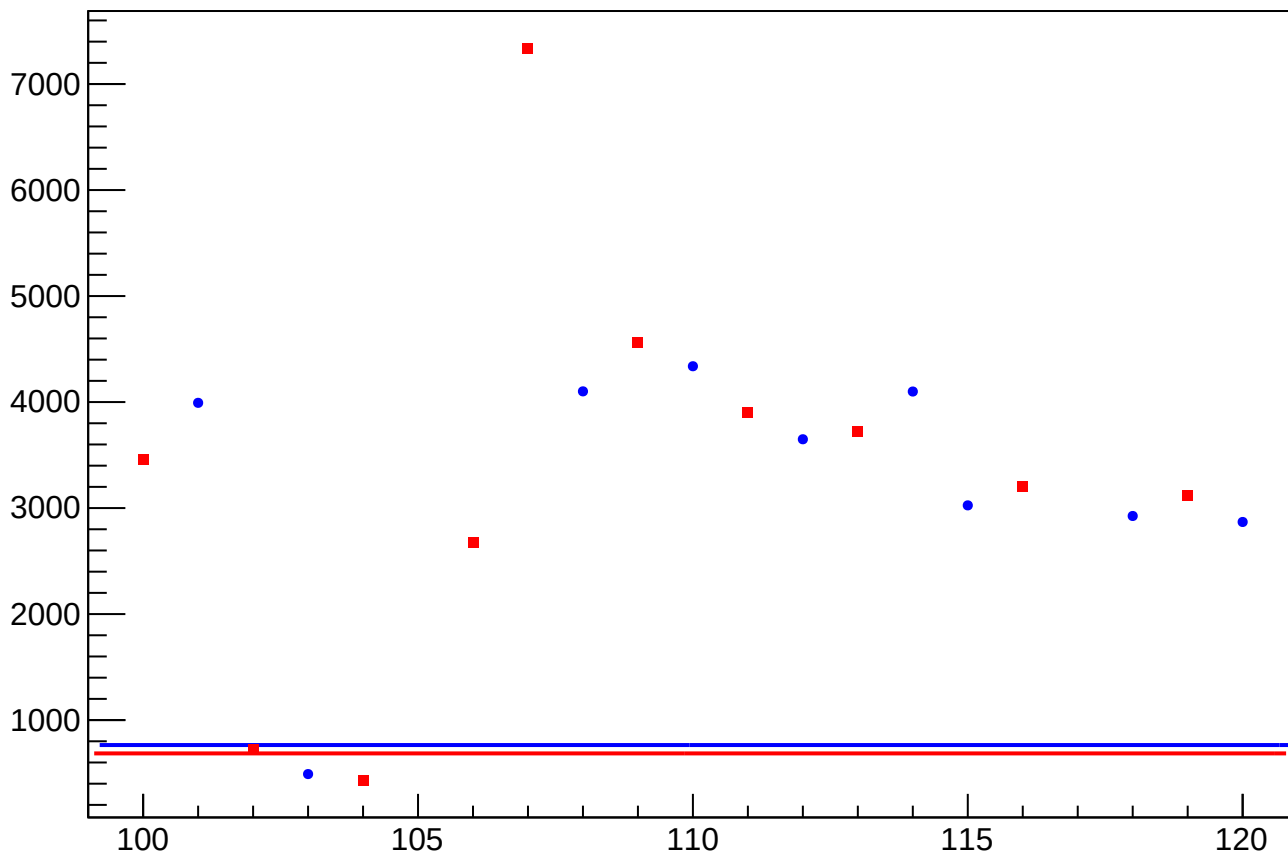
Right: 382.004+/-404.712 χ^2/NDF : 22.1/18

In: 249.472+/-607.463 χ^2/NDF :10.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 382.004+/-404.712 χ^2/NDF : 22.1/18

asym_atl_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 764.573+/-0.430 χ^2/NDF : 4155344.0/8

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

Right Out: 685.669+/-0.384 χ^2/NDF : 4165058.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

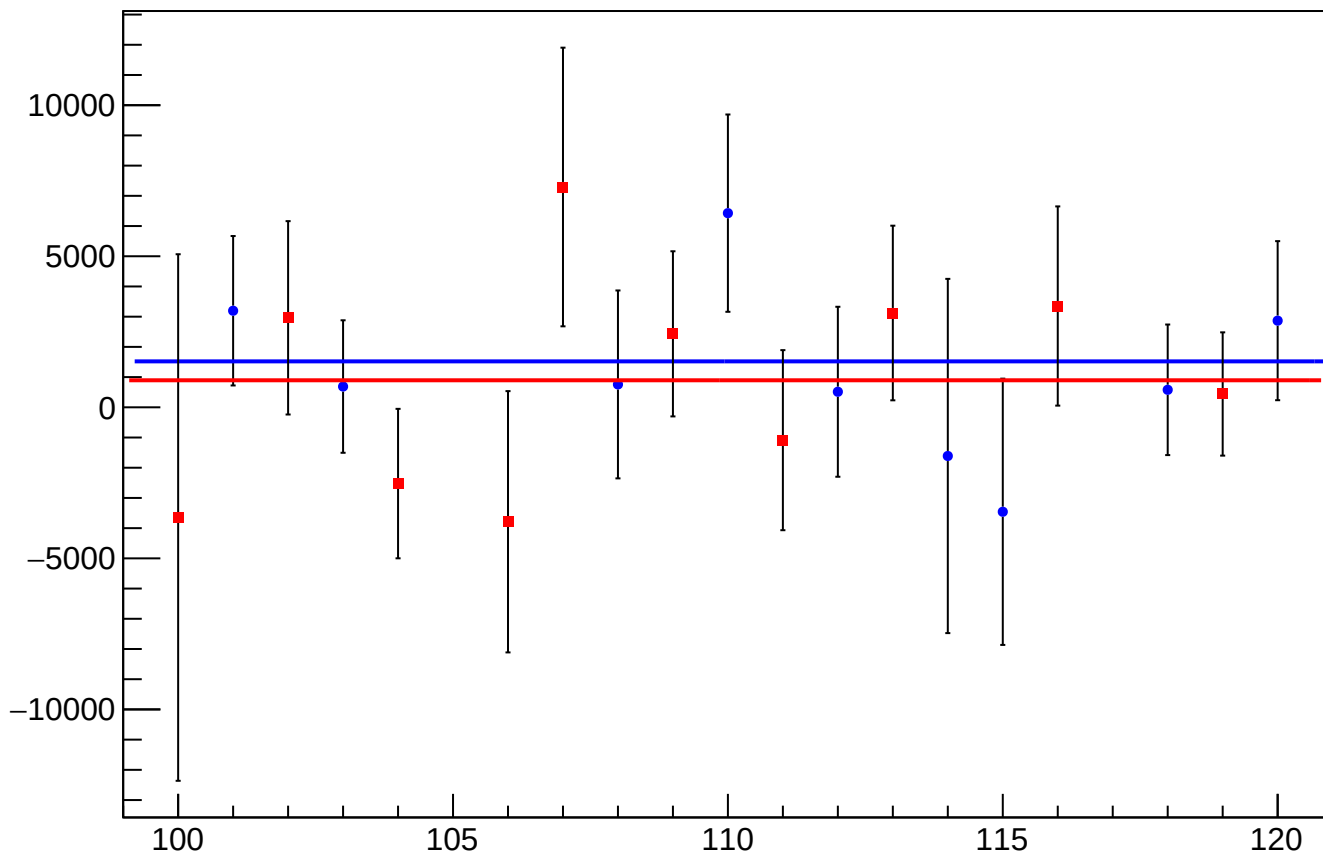
Right: 720.692+/-0.286 χ^2/NDF : 8339168.3/18

In: 764.573+/-0.430 χ^2/NDF :4155344.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 720.692+/-0.286 χ^2/NDF : 8339168.3/18

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1520.677+/-939.048 χ^2/NDF : 5.1/8

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

Right Out: 894.539+/-965.333 χ^2/NDF : 7.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

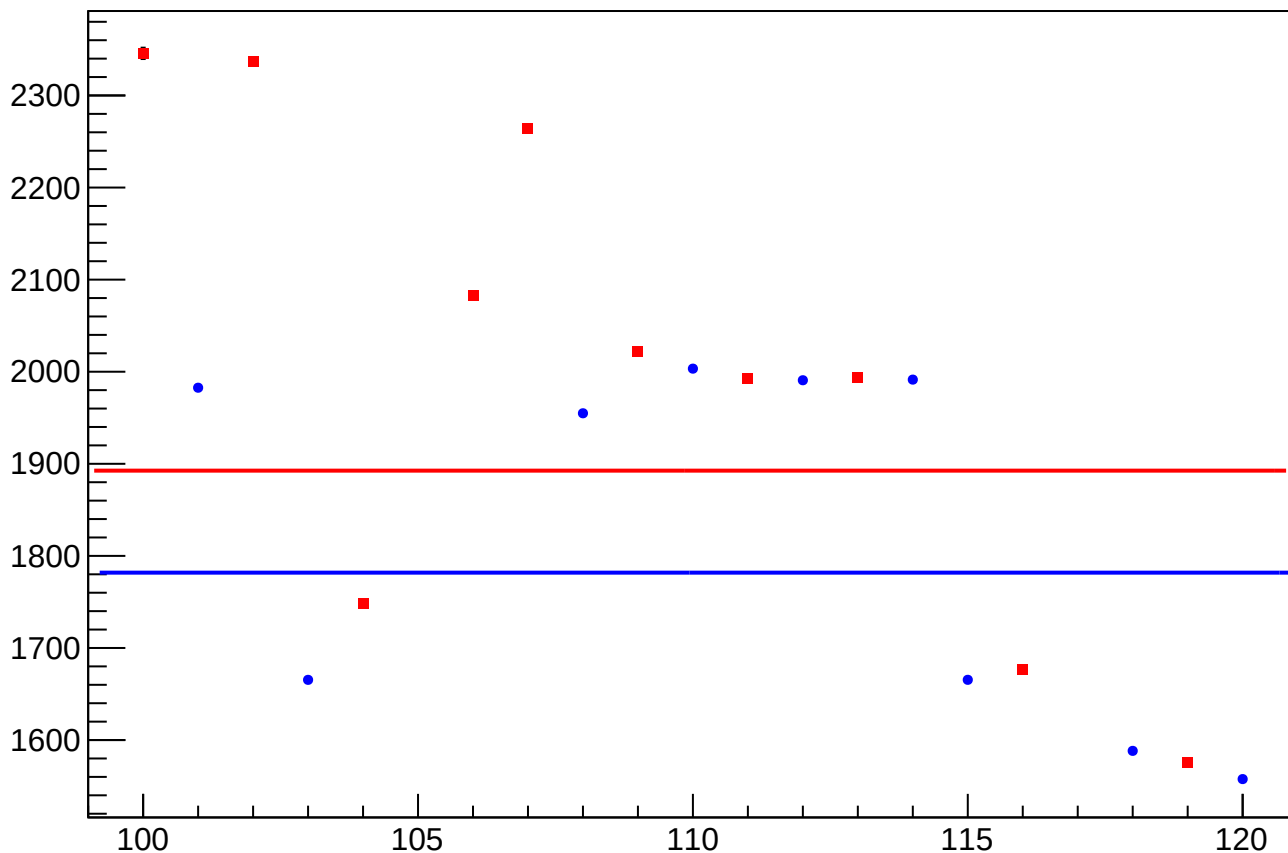
Right: 1216.249+/-673.108 χ^2/NDF : 12.9/18

In: 1520.677+/-939.048 χ^2/NDF : 5.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1216.249+/-673.108 χ^2/NDF : 12.9/18

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1781.805+/-0.664 χ^2/NDF : 79755.6/8

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

Right Out: 1892.582+/-0.679 χ^2/NDF : 134527.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

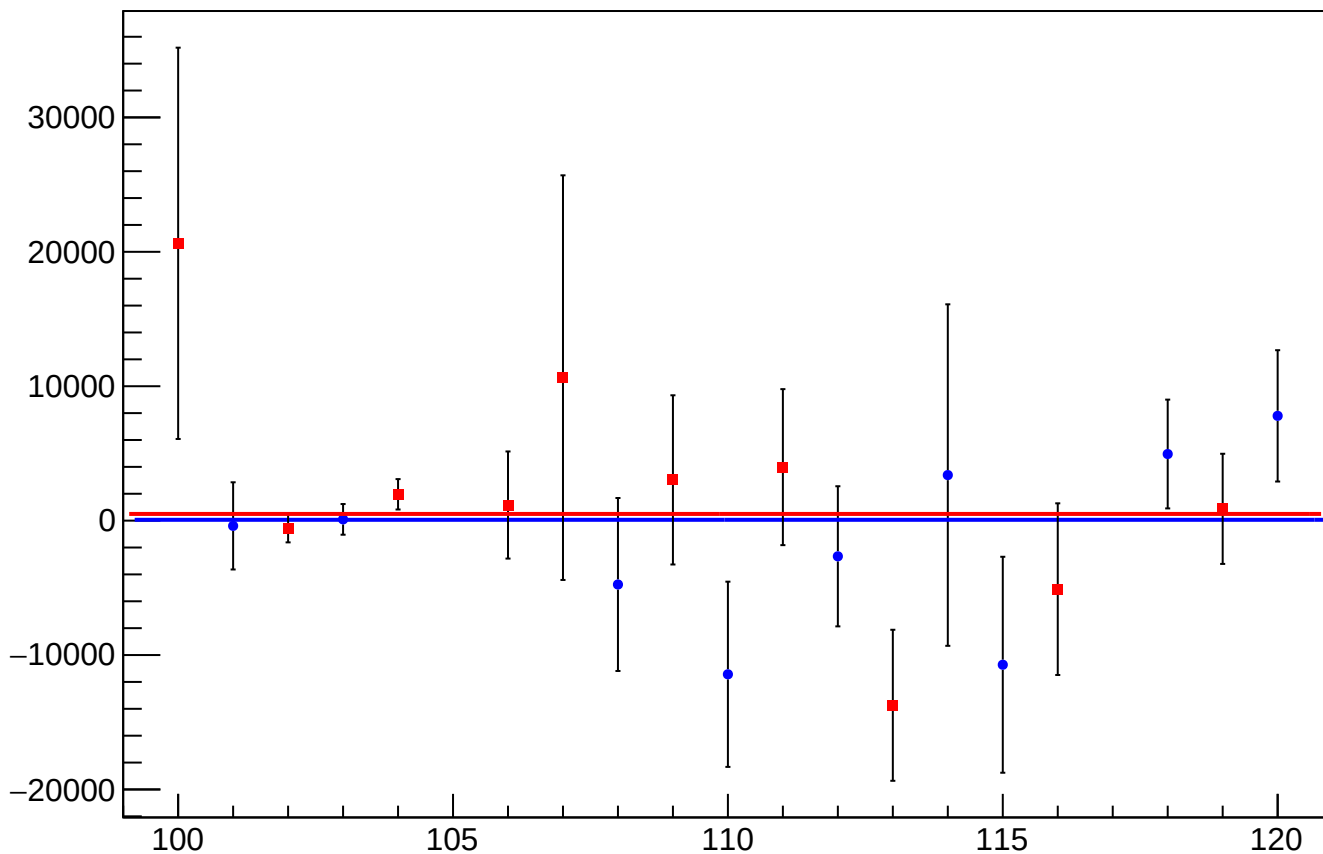
Right: 1835.933+/-0.475 χ^2/NDF : 227882.9/18

In: 1781.805+/-0.664 χ^2/NDF : 79755.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1835.933+/-0.475 χ^2/NDF : 227882.9/18

asym_atl_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 61.774+/-966.971 χ^2/NDF : 9.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 498.534+/-724.501 χ^2/NDF : 12.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

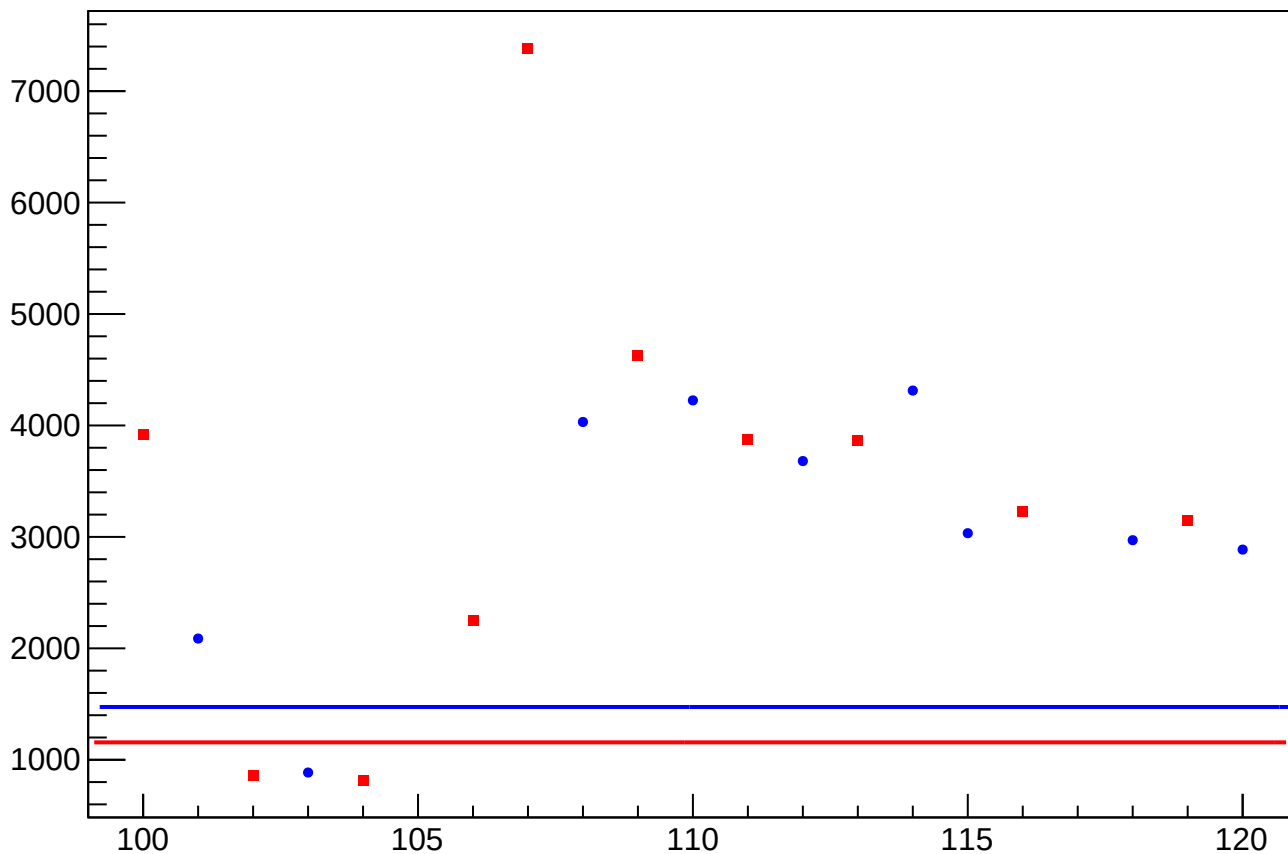
Right: 341.502+/-579.810 χ^2/NDF : 22.4/18

In: 61.774+/-966.971 χ^2/NDF : 9.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 341.502+/-579.810 χ^2/NDF : 22.4/18

asym_atl_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1473.855+/-0.684 χ^2/NDF : 2211973.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1156.530+/-0.512 χ^2/NDF : 3102847.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

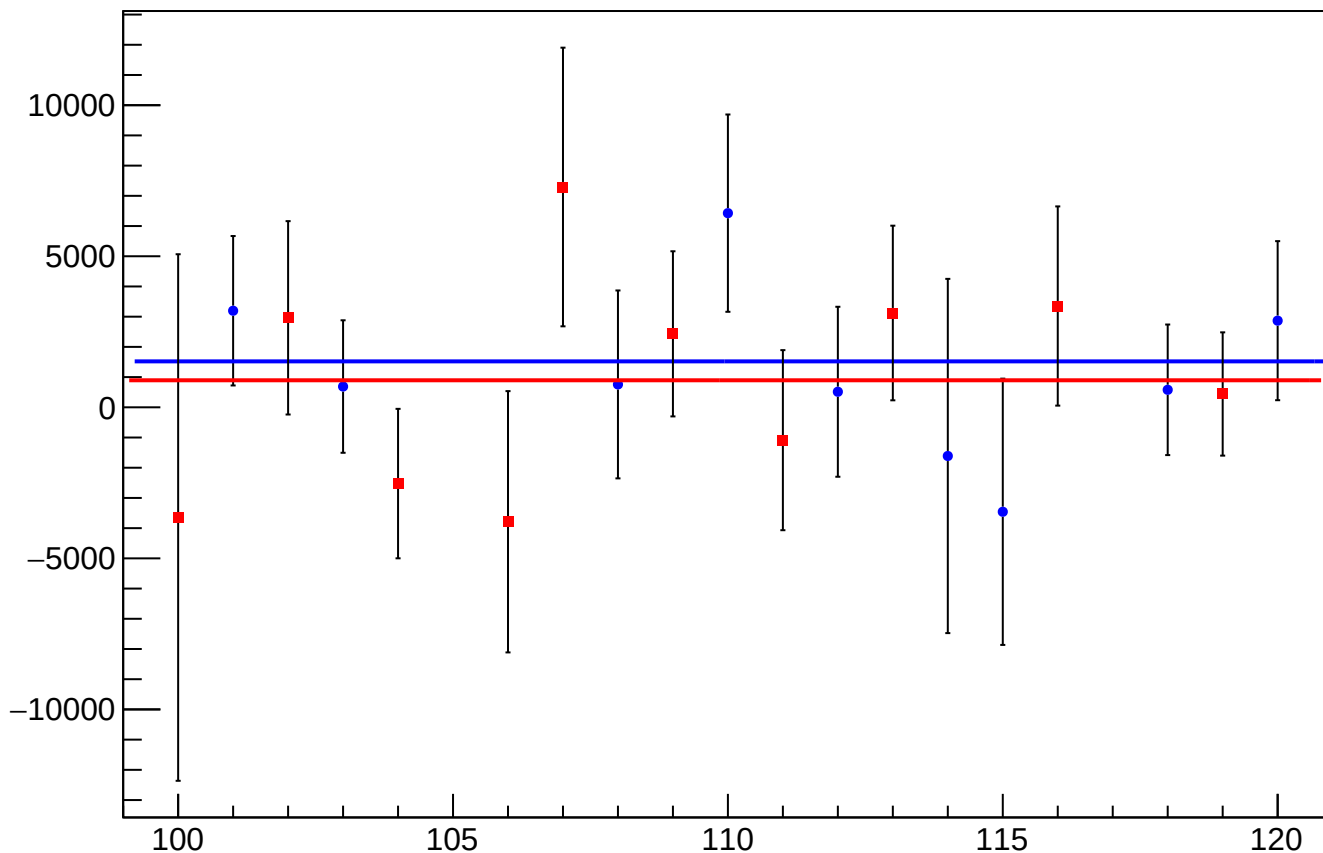
Right: 1270.620+/-0.410 χ^2/NDF : 5452765.3/18

In: 1473.855+/-0.684 χ^2/NDF : 2211973.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1270.620+/-0.410 χ^2/NDF : 5452765.3/18

eigen_dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1520.674+/-939.048 χ^2/NDF : 5.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 894.542+/-965.333 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

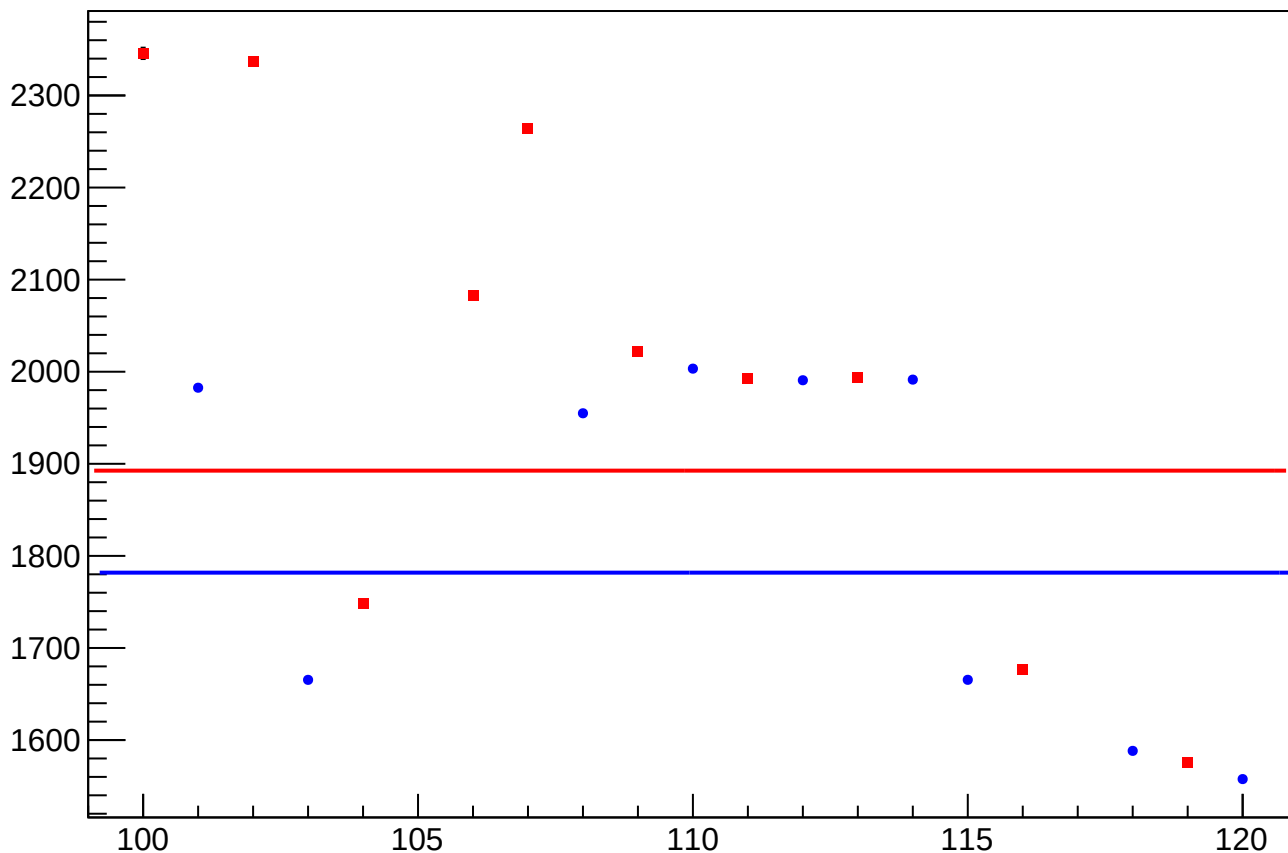
Right: 1216.248+/-673.108 χ^2/NDF : 12.9/18

In: 1520.674+/-939.048 χ^2/NDF : 5.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1216.248+/-673.108 χ^2/NDF : 12.9/18

eigen_dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1781.805+/-0.664 χ^2/NDF : 79755.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1892.581+/-0.679 χ^2/NDF : 134527.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

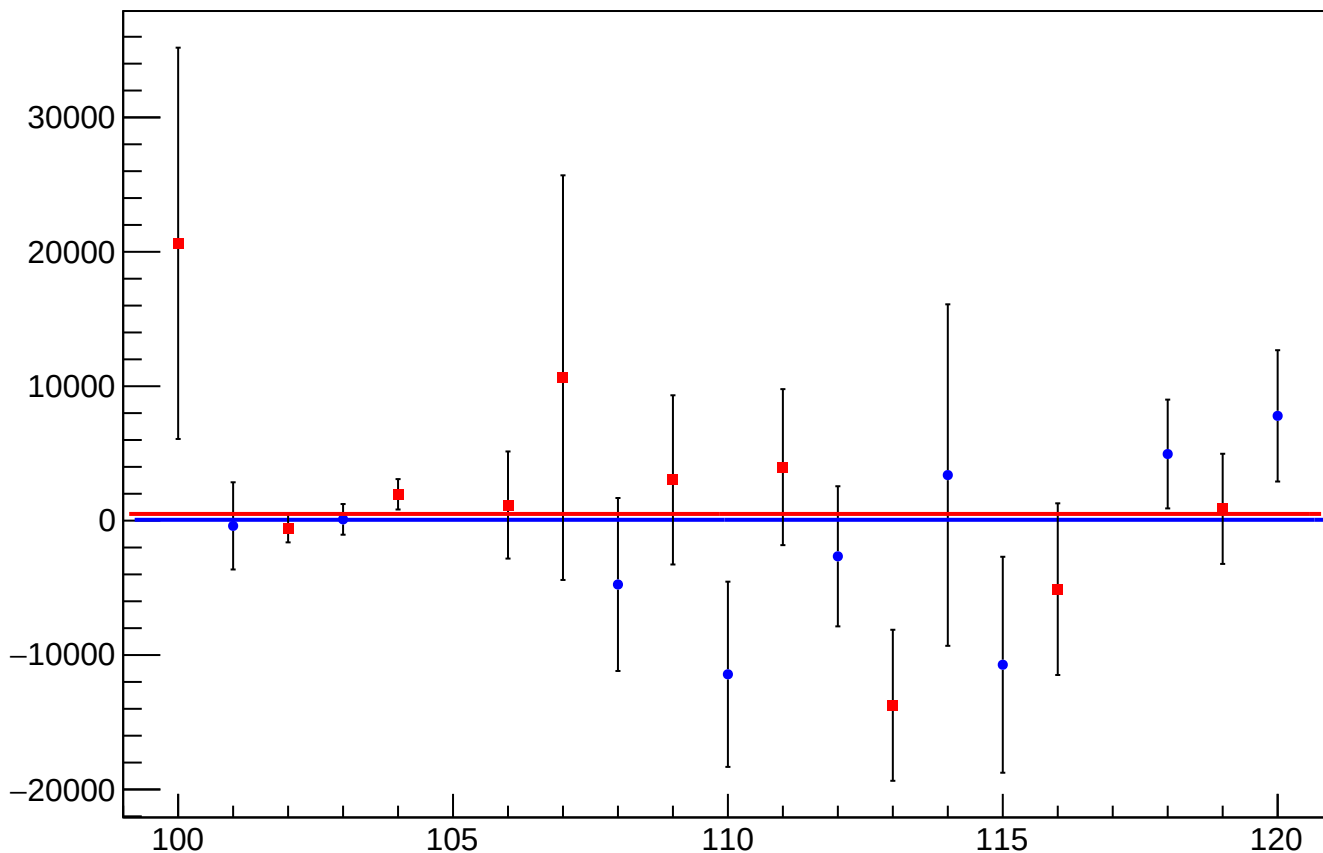
Right: 1835.932+/-0.475 χ^2/NDF : 227883.1/18

In: 1781.805+/-0.664 χ^2/NDF : 79755.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1835.932+/-0.475 χ^2/NDF : 227883.1/18

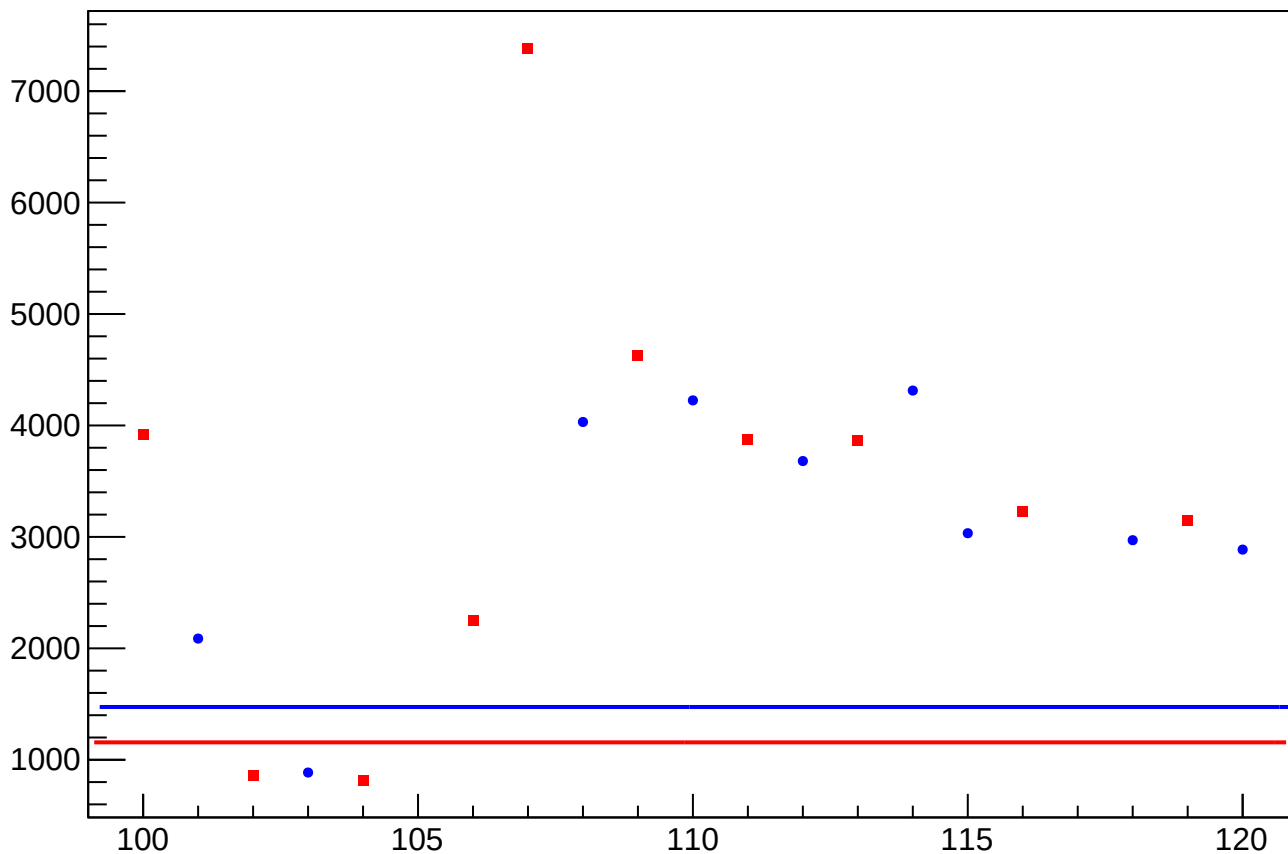
asym_atl_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 61.776+/-966.963 χ^2/NDF : 9.5/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 498.532+/-724.496 χ^2/NDF : 12.8/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 341.502+/-579.806 χ^2/NDF : 22.4/18
 In: 61.776+/-966.963 χ^2/NDF : 9.5/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 341.502+/-579.806 χ^2/NDF : 22.4/18

asym_atl_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1473.841+/-0.684 χ^2/NDF : 2211984.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1156.519+/-0.512 χ^2/NDF : 3102859.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

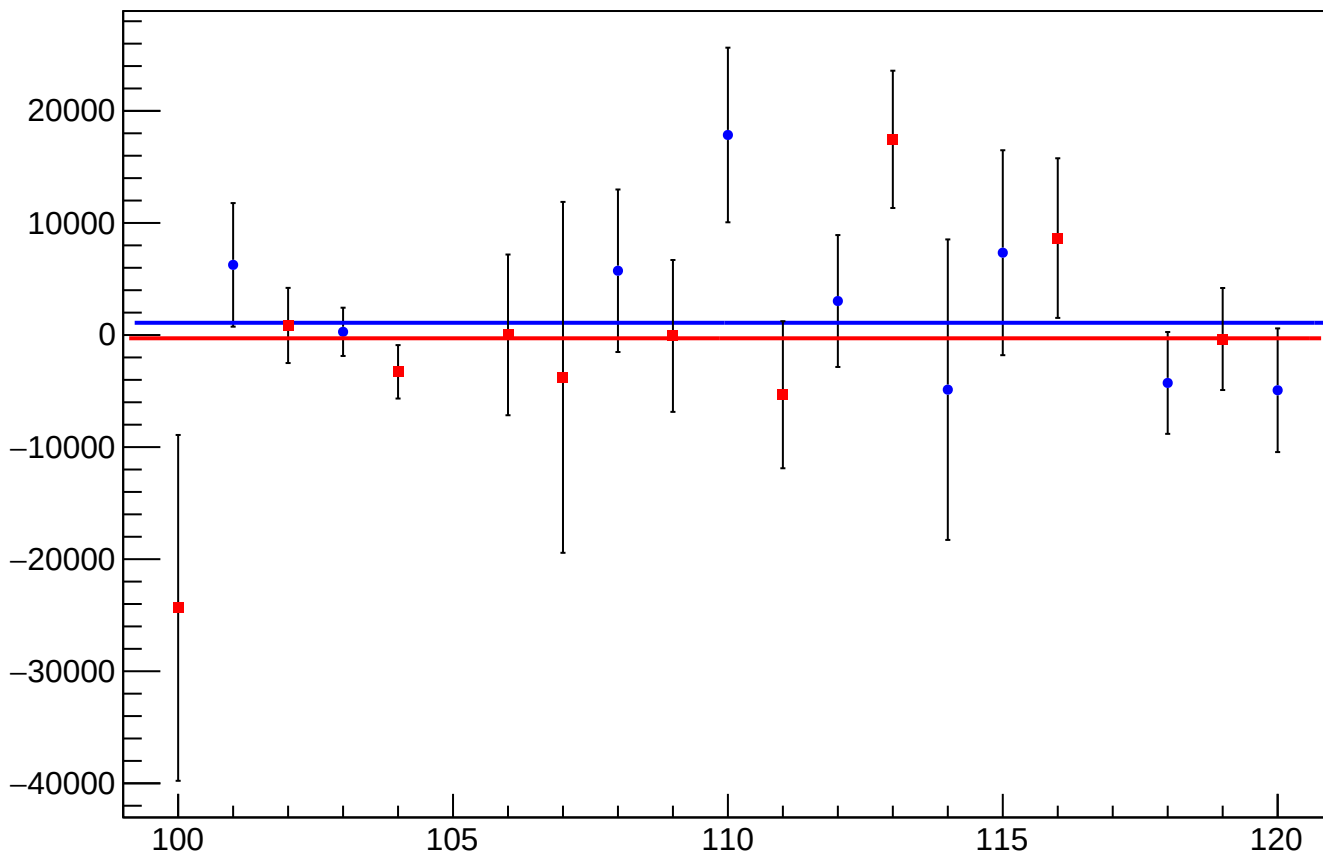
Right: 1270.608+/-0.410 χ^2/NDF : 5452787.9/18

In: 1473.841+/-0.684 χ^2/NDF : 2211984.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1270.608+/-0.410 χ^2/NDF : 5452787.9/18

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1093.373+/-1558.373 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -290.855+/-1521.100 χ^2/NDF : 14.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

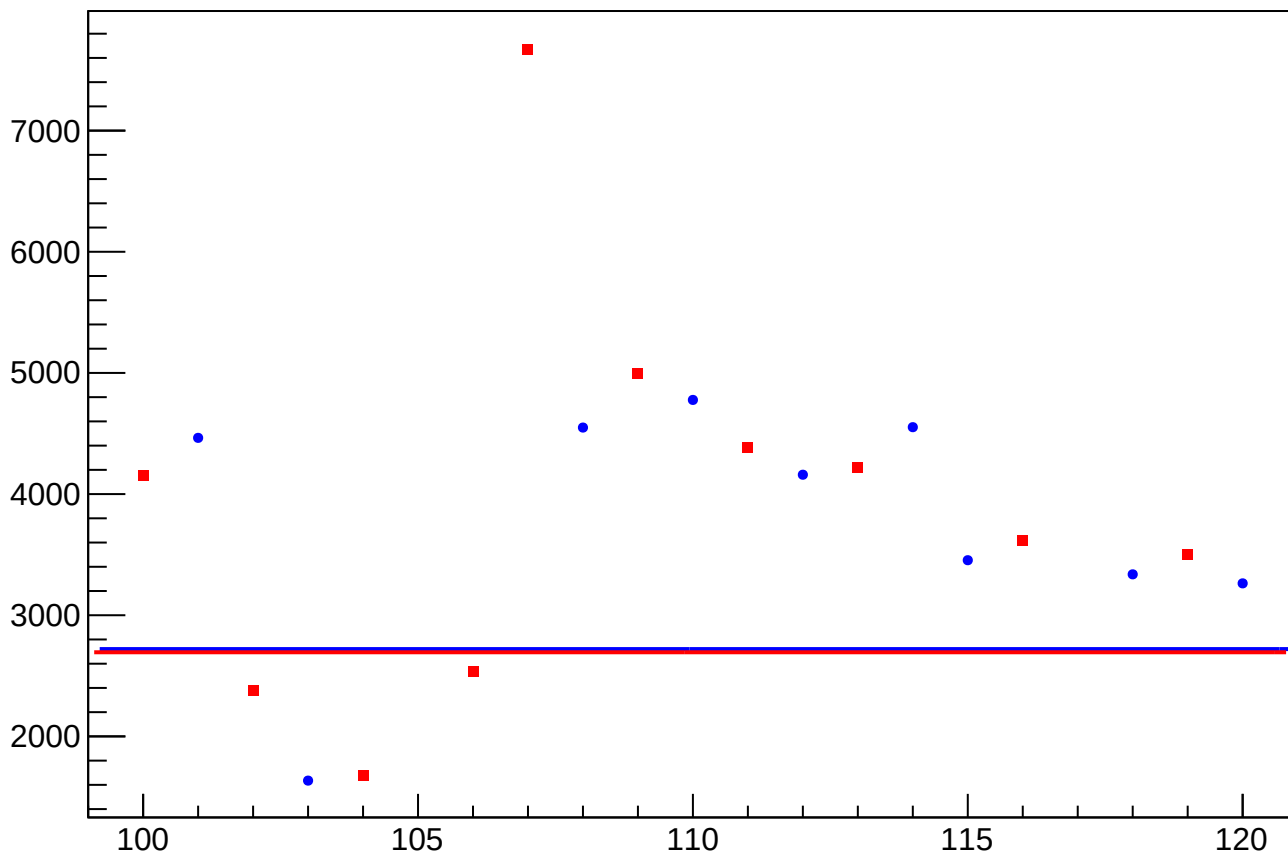
Right: 384.507+/-1088.519 χ^2/NDF : 24.6/18

In: 1093.373+/-1558.373 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 384.507+/-1088.519 χ^2/NDF : 24.6/18

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 2720.712+/-1.102 χ^2/NDF : 1200981.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2694.332+/-1.051 χ^2/NDF : 1190145.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

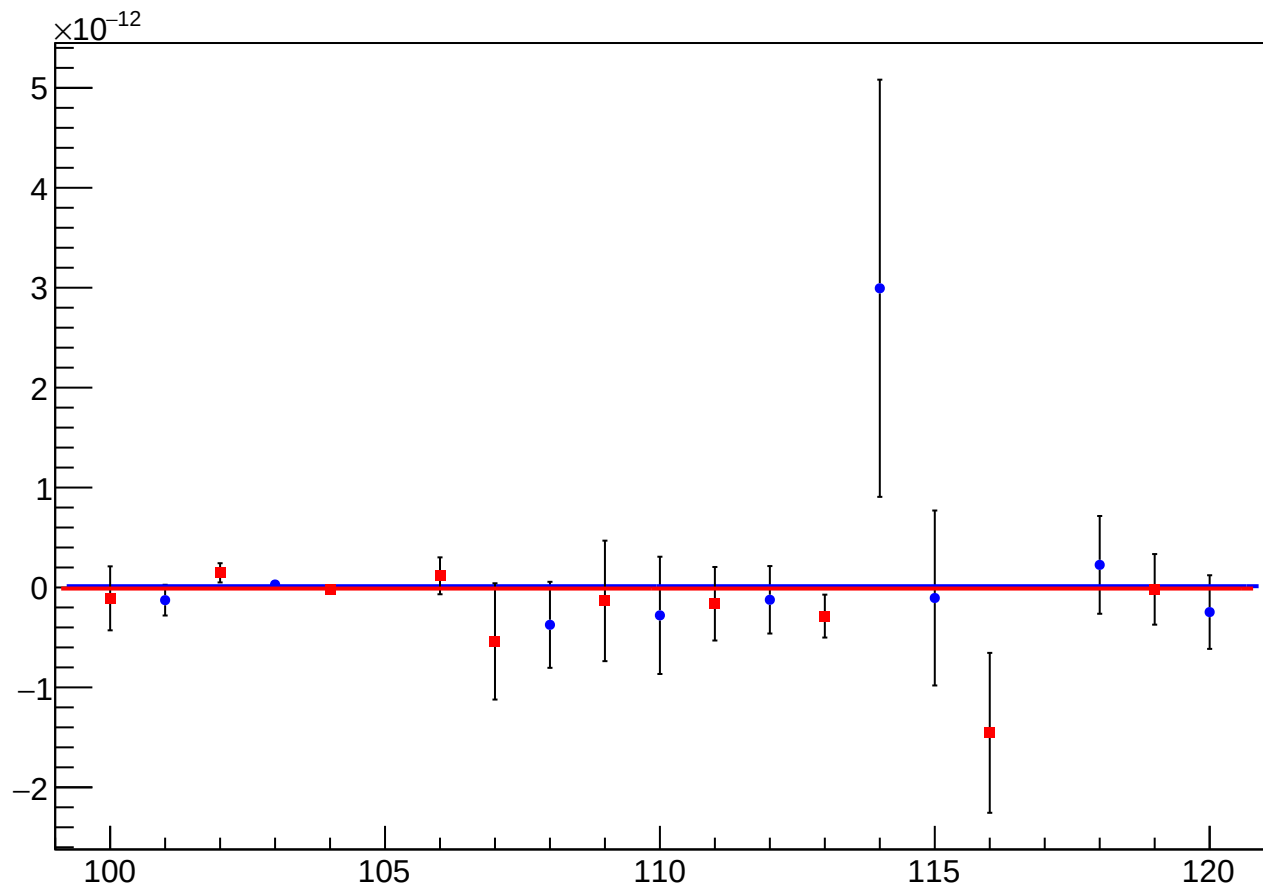
Right: 2706.895+/-0.760 χ^2/NDF : 2391426.8/18

In: 2720.712+/-1.102 χ^2/NDF : 1200981.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2706.895+/-0.760 χ^2/NDF : 2391426.8/18

asym_atl_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

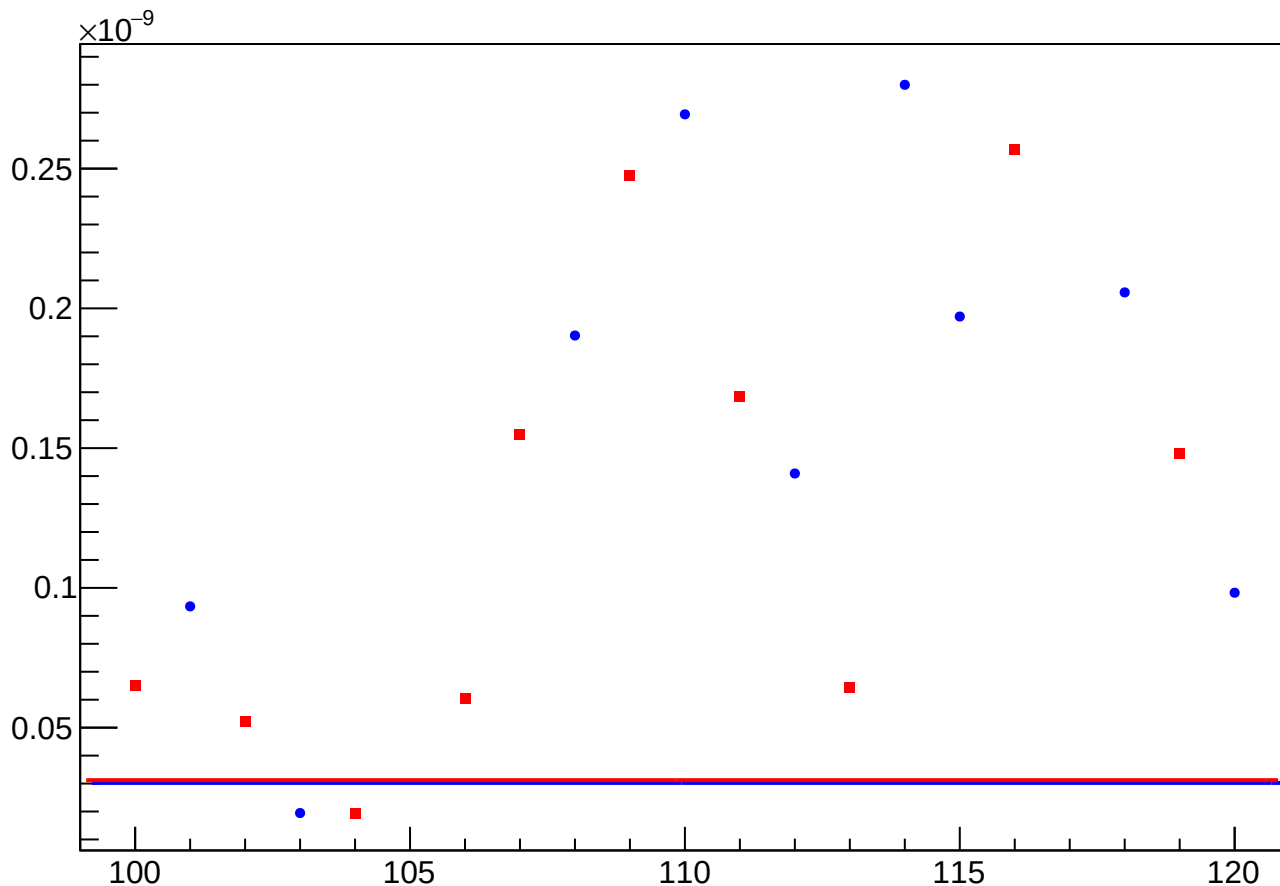
Right: 0.000+/-0.000 χ^2/NDF : 14.5/18

In: 0.000+/-0.000 χ^2/NDF : 5.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.5/18

asym_atl_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1732853.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1398457.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

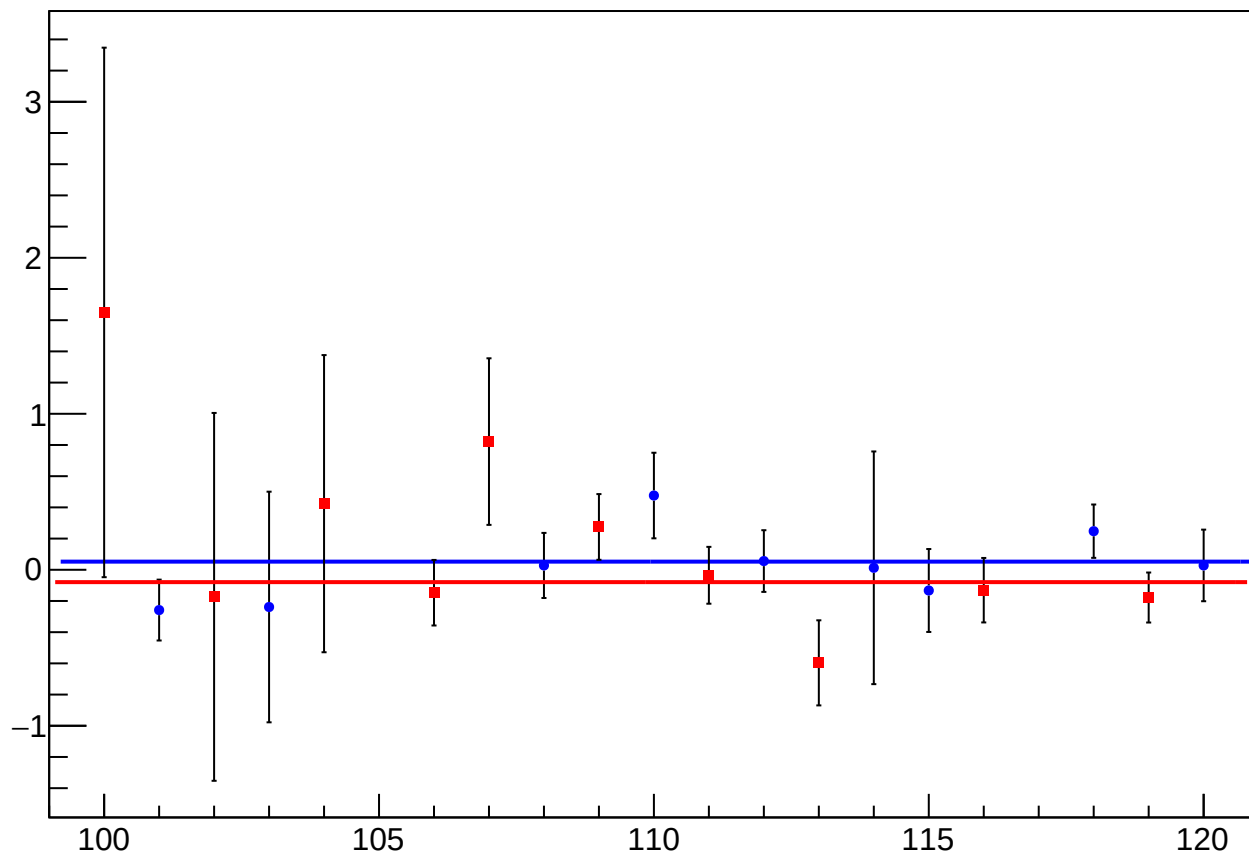
Right: 0.000+/-0.000 χ^2/NDF : 3132031.4/18

In: 0.000+/-0.000 χ^2/NDF : 1732853.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3132031.4/18

asym_atl_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.052 $\pm$ 0.079 χ^2/NDF : 6.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.079 $\pm$ 0.080 χ^2/NDF : 11.2/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

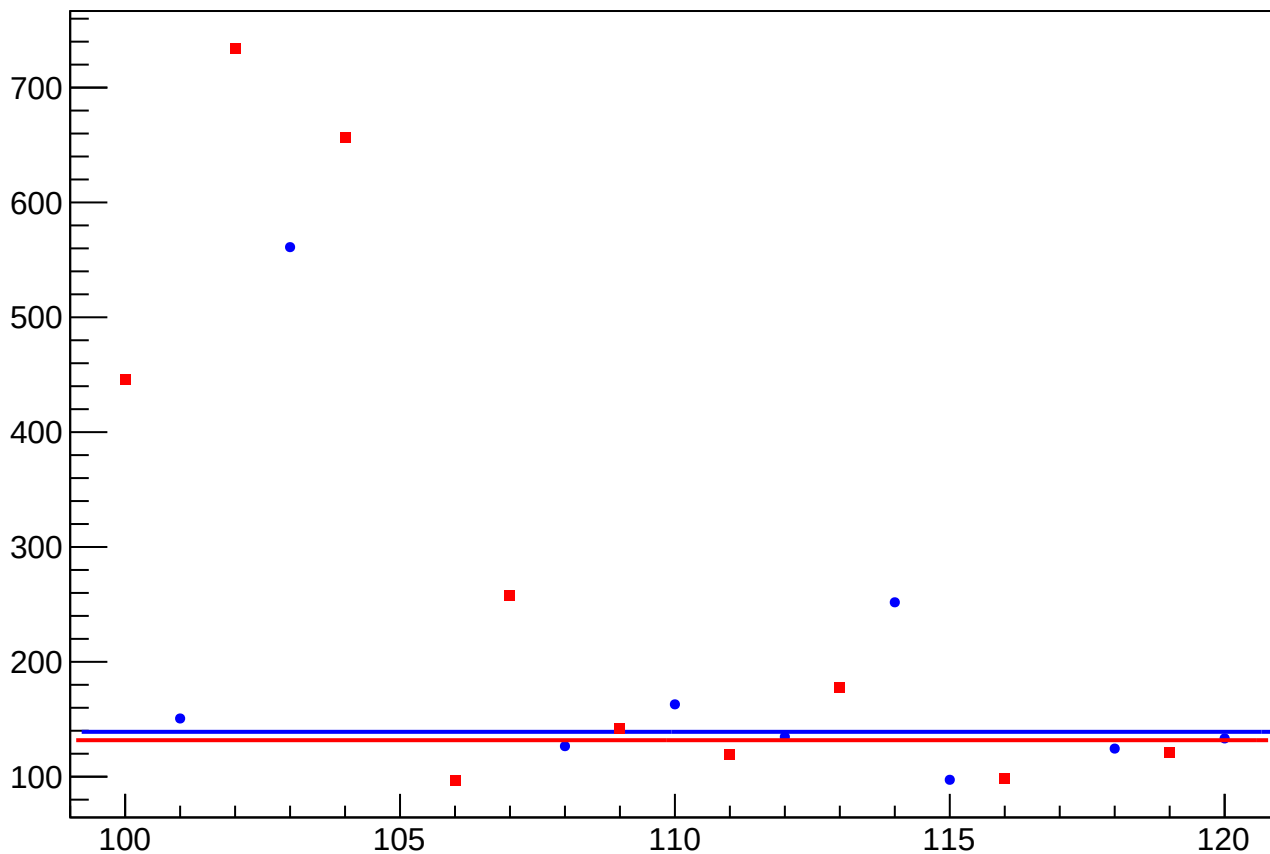
Right: -0.013 $\pm$ 0.056 χ^2/NDF : 19.5/18

In: 0.052 $\pm$ 0.079 χ^2/NDF : 6.9/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.013 $\pm$ 0.056 χ^2/NDF : 19.5/18

asym_atl_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.062+/-0.056 χ^2/NDF : 793186.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 131.772+/-0.056 χ^2/NDF : 1497649.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

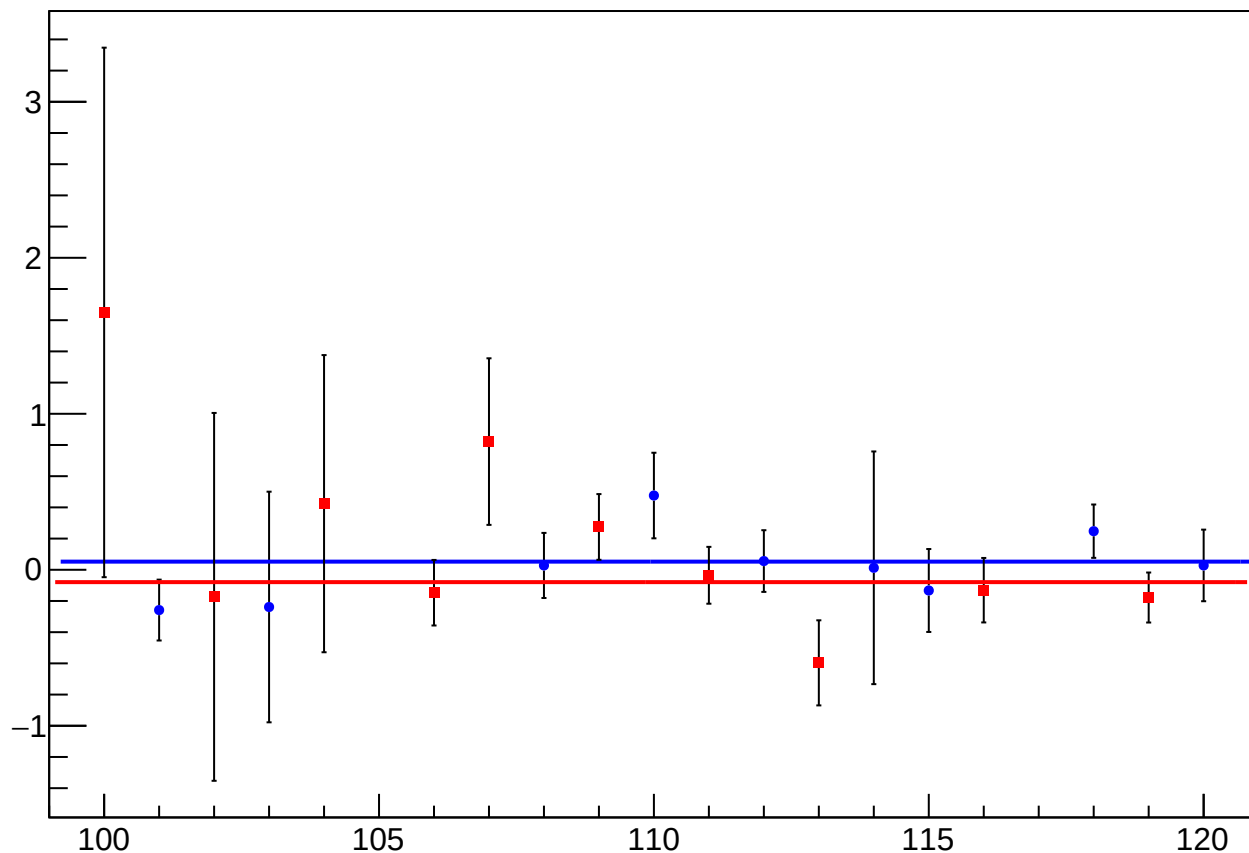
Right: 135.444+/-0.040 χ^2/NDF : 2299229.1/18

In: 139.062+/-0.056 χ^2/NDF : 793186.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.444+/-0.040 χ^2/NDF : 2299229.1/18

asym_atl_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.052+/-0.079 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.079+/-0.080 χ^2/NDF : 11.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

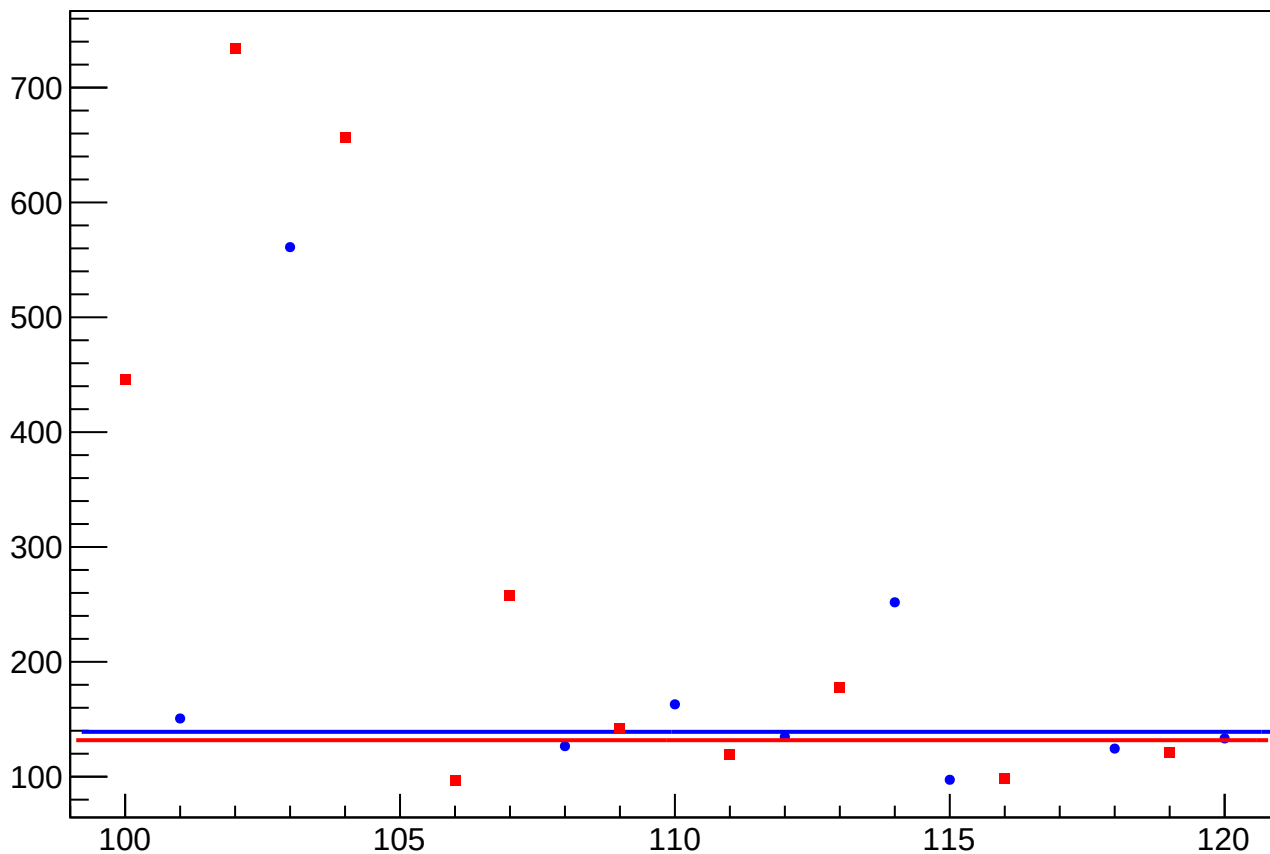
Right: -0.013+/-0.056 χ^2/NDF : 19.5/18

In: 0.052+/-0.079 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.013+/-0.056 χ^2/NDF : 19.5/18

asym_atl_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.062 $\pm$ 0.056 χ^2 /NDF: 793186.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 131.772 $\pm$ 0.056 χ^2 /NDF: 1497649.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

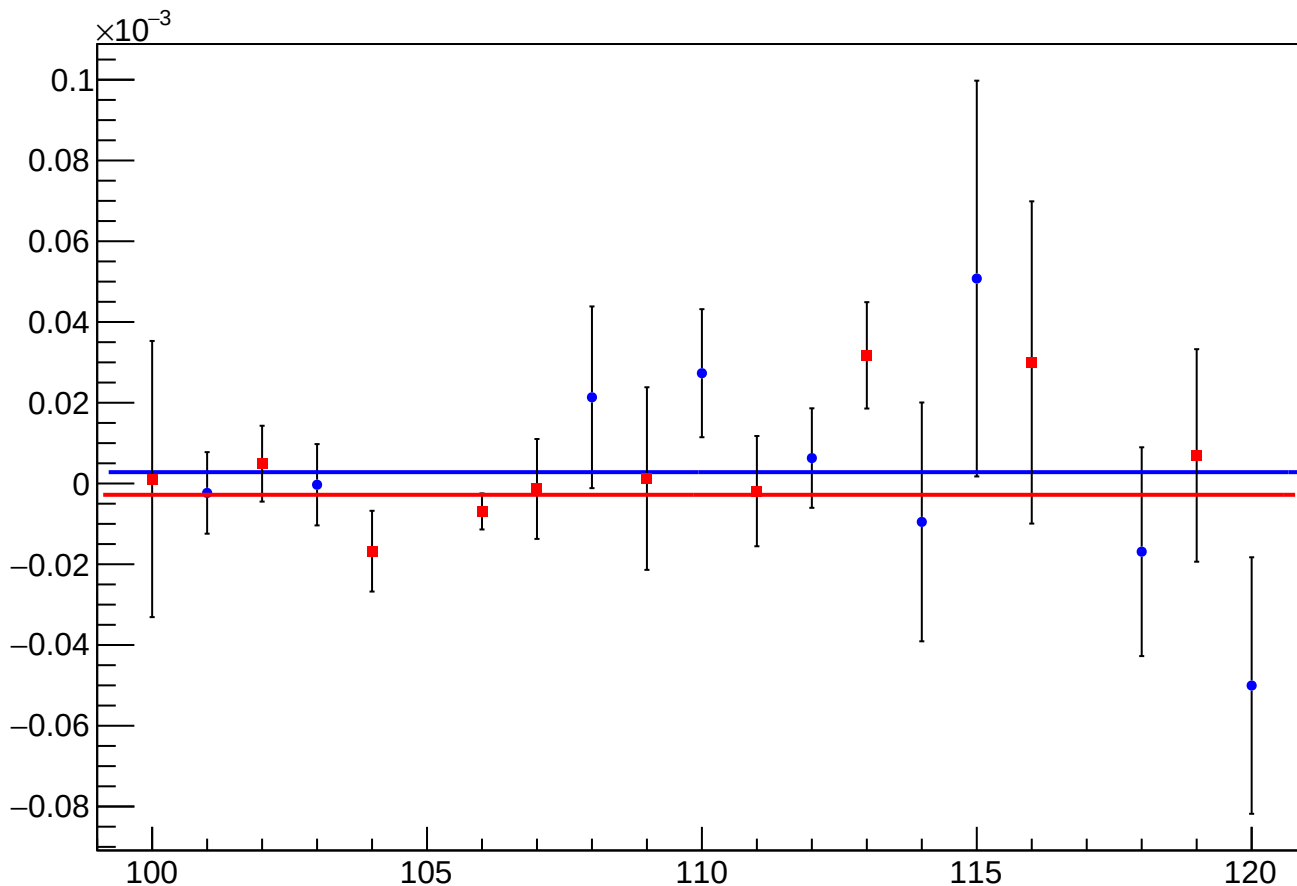
Right: 135.444 $\pm$ 0.040 χ^2 /NDF: 2299229.1/18

In: 139.062 $\pm$ 0.056 χ^2 /NDF:793186.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 135.444 $\pm$ 0.040 χ^2 /NDF: 2299229.1/18

asym_atl_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

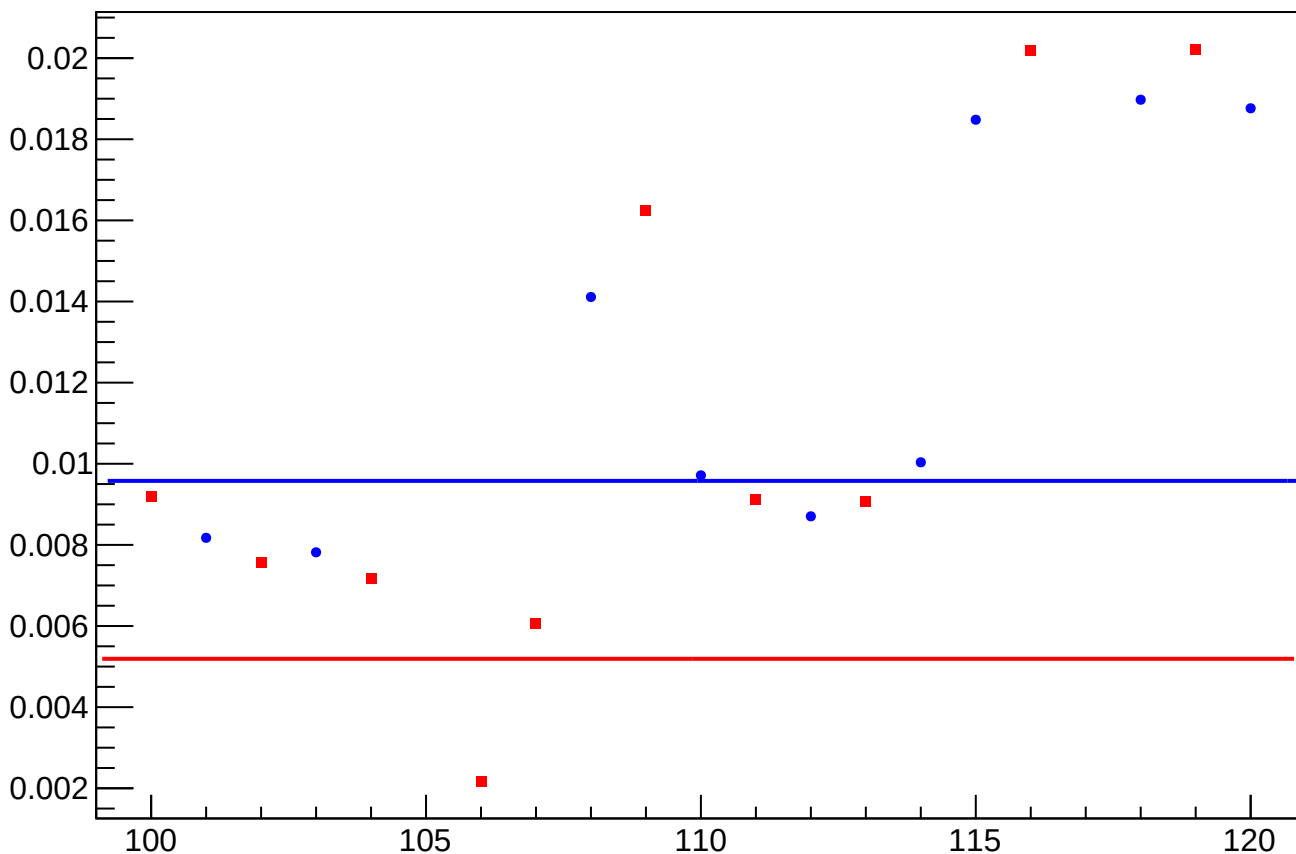
Right: -0.000+/-0.000 χ^2/NDF : 20.0/18

In: 0.000+/-0.000 χ^2/NDF : 8.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.0/18

asym_atl_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 688943.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 2915370.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

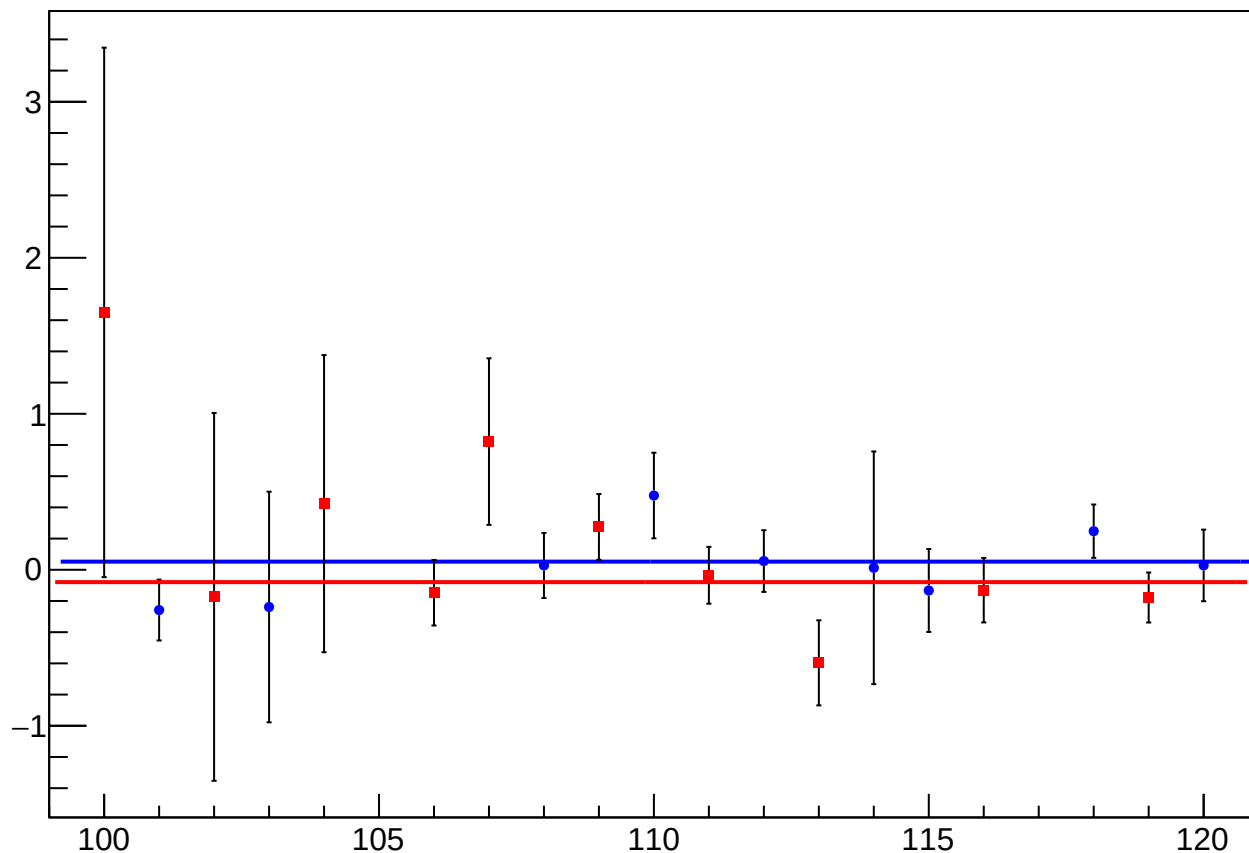
Right: 0.006+/-0.000 χ^2/NDF : 4611017.2/18

In: 0.010+/-0.000 χ^2/NDF : 688943.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 4611017.2/18

asym_atl_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.052+/-0.079 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.079+/-0.080 χ^2/NDF : 11.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

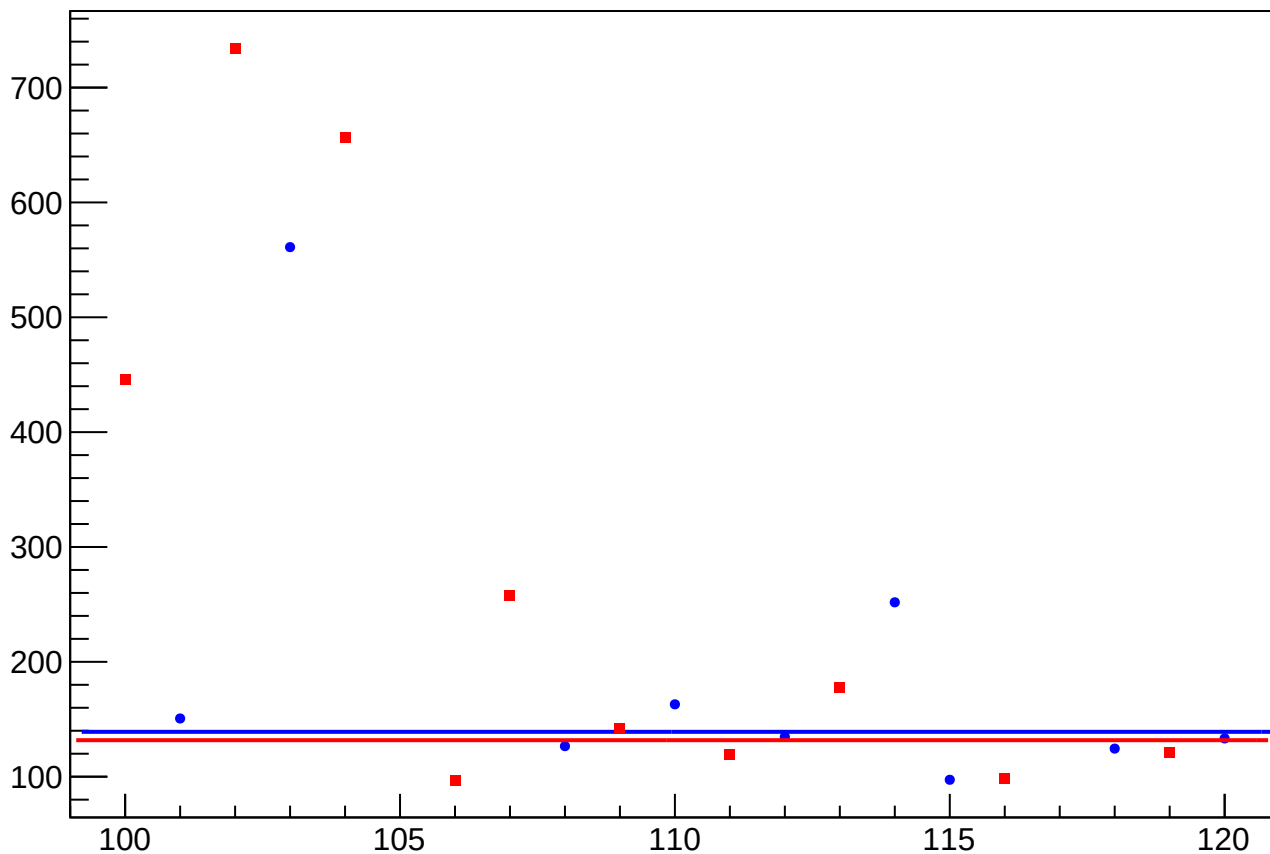
Right: -0.013+/-0.056 χ^2/NDF : 19.5/18

In: 0.052+/-0.079 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.013+/-0.056 χ^2/NDF : 19.5/18

asym_atl_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.061+/-0.056 χ^2/NDF : 793187.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 131.774+/-0.056 χ^2/NDF : 1497610.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

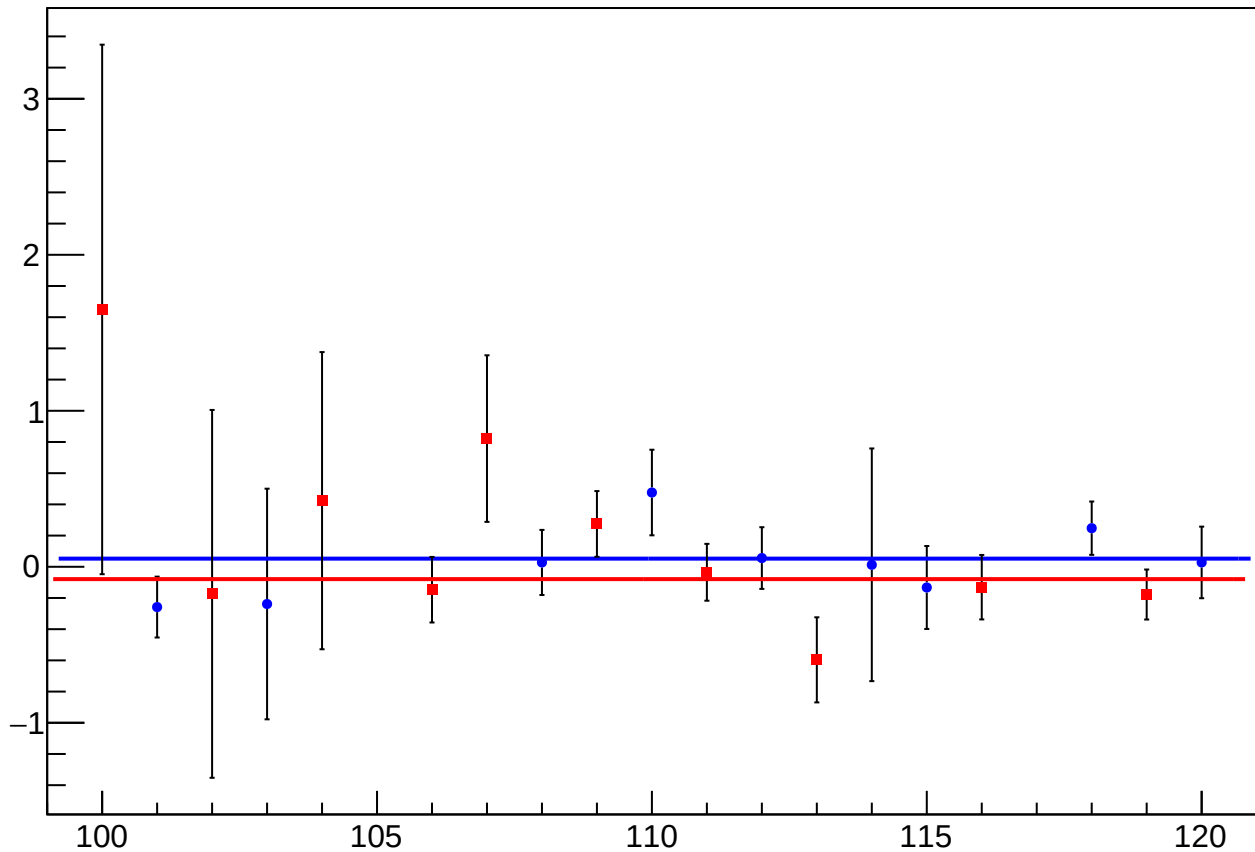
Right: 135.444+/-0.040 χ^2/NDF : 2299186.3/18

In: 139.061+/-0.056 χ^2/NDF : 793187.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.444+/-0.040 χ^2/NDF : 2299186.3/18

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.052+/-0.079 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.079+/-0.080 χ^2/NDF : 11.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

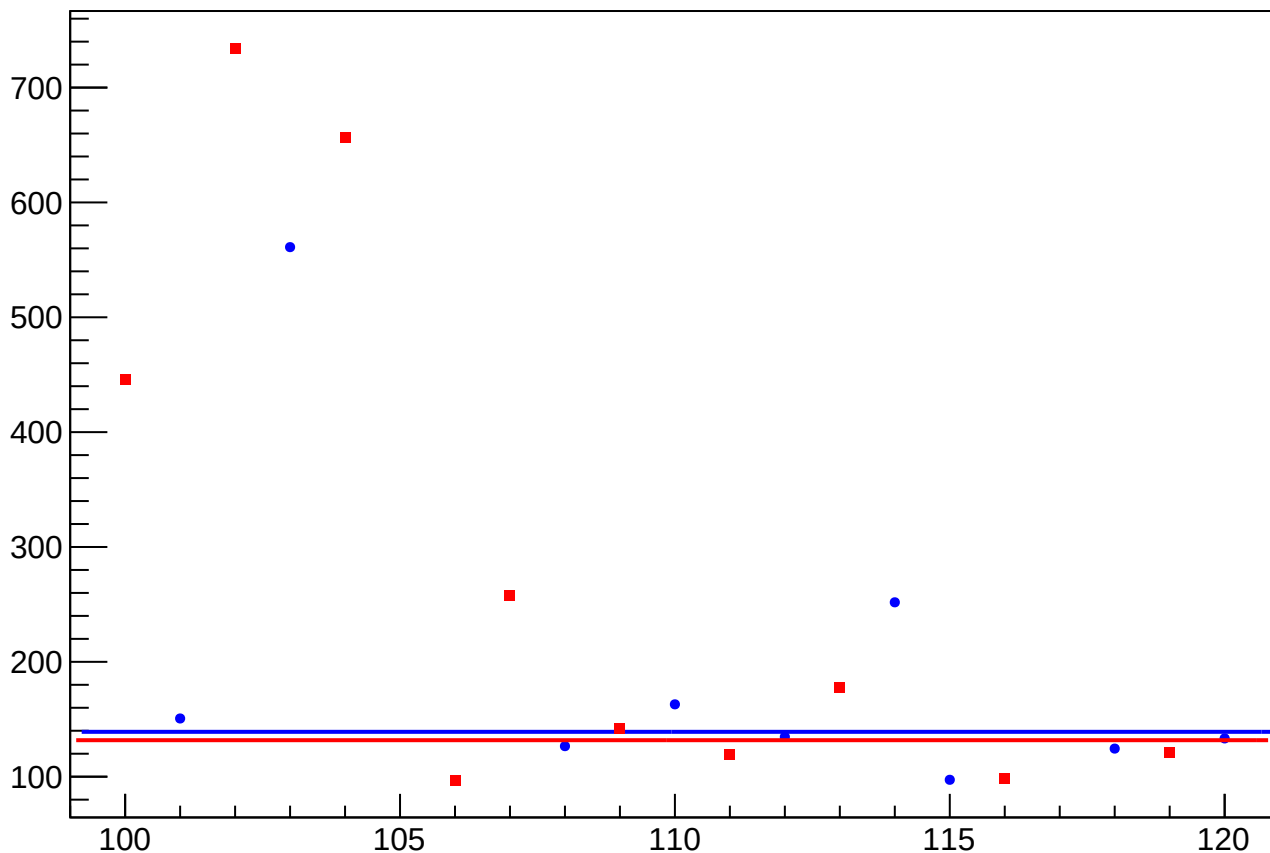
Right: -0.013+/-0.056 χ^2/NDF : 19.5/18

In: 0.052+/-0.079 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.013+/-0.056 χ^2/NDF : 19.5/18

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.061+/-0.056 χ^2/NDF : 793187.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 131.774+/-0.056 χ^2/NDF : 1497610.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

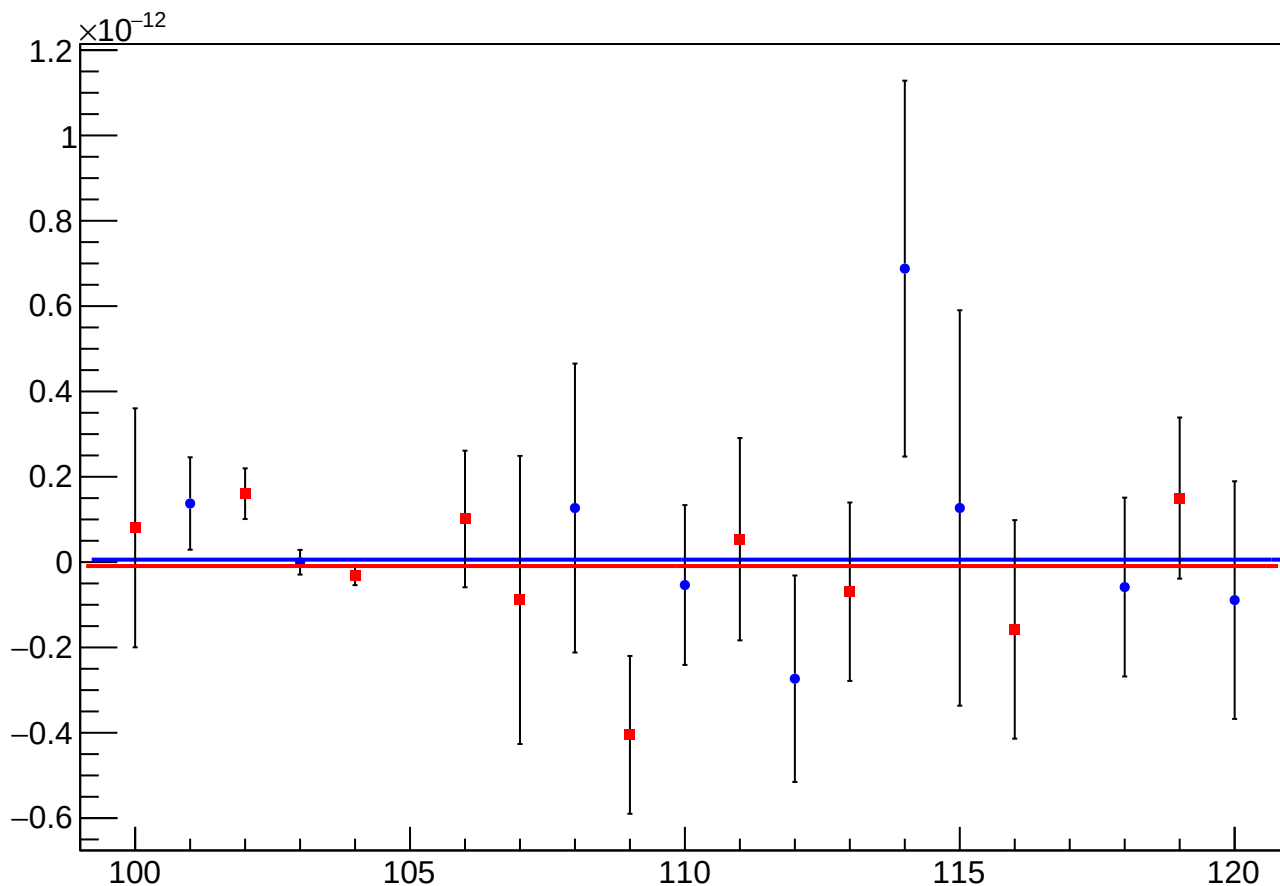
Right: 135.444+/-0.040 χ^2/NDF : 2299186.3/18

In: 139.061+/-0.056 χ^2/NDF : 793187.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.444+/-0.040 χ^2/NDF : 2299186.3/18

asym_atl_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

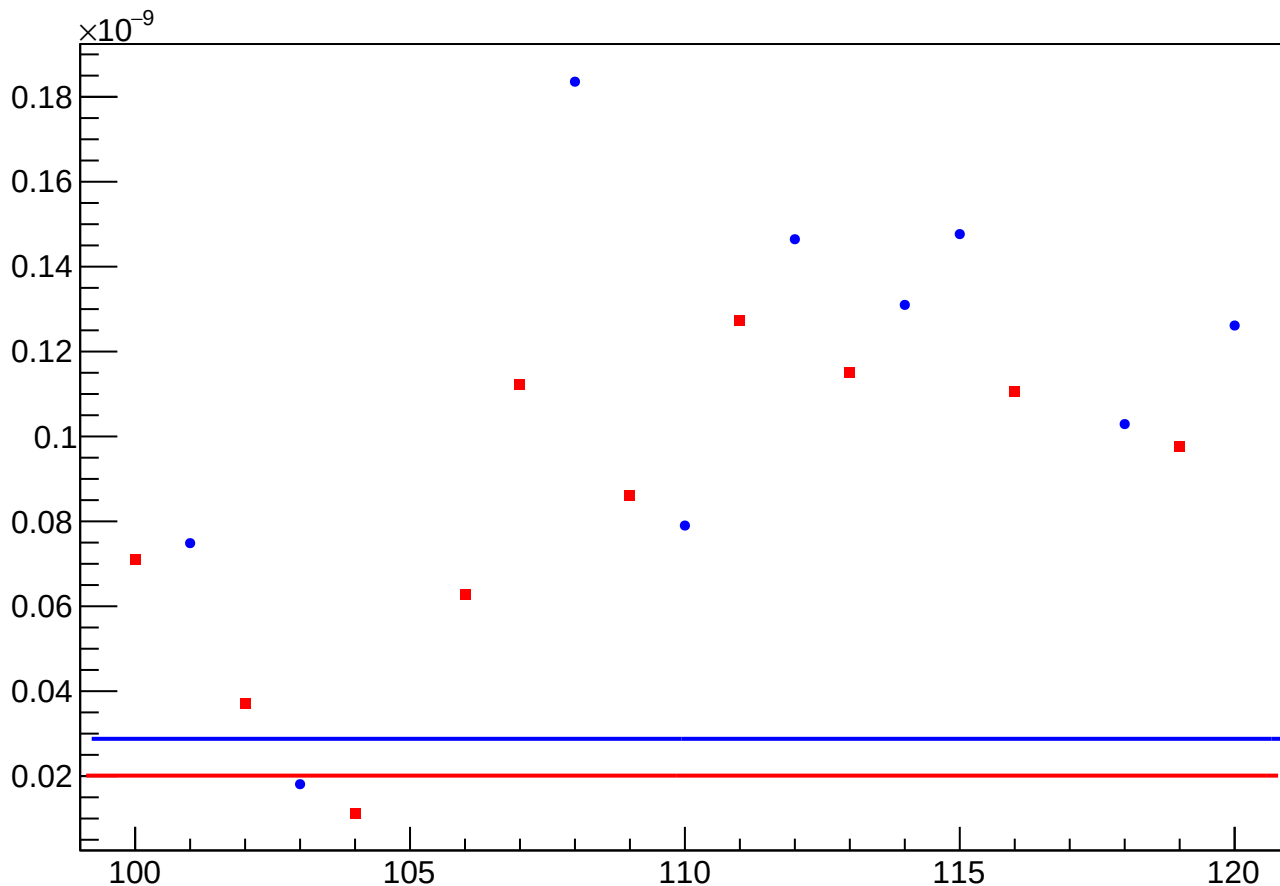
Right: -0.000+/-0.000 χ^2/NDF : 21.5/18

In: 0.000+/-0.000 χ^2/NDF : 5.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.5/18

asym_atl_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2404110.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2496364.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

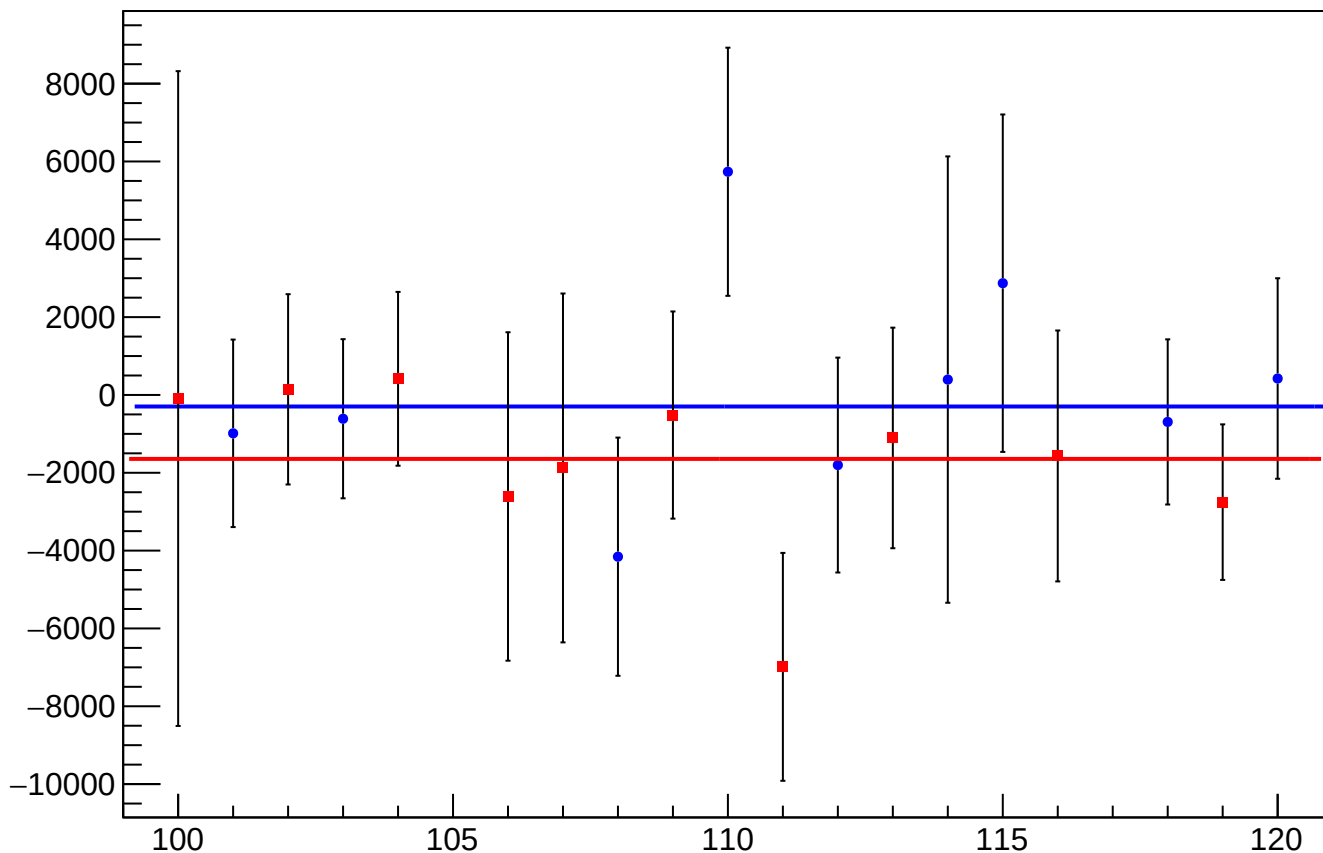
Right: 0.000+/-0.000 χ^2/NDF : 5032052.1/18

In: 0.000+/-0.000 χ^2/NDF : 2404110.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5032052.1/18

reg_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -296.753+/-911.354 χ^2/NDF : 6.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1643.368+/-906.636 χ^2/NDF : 5.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

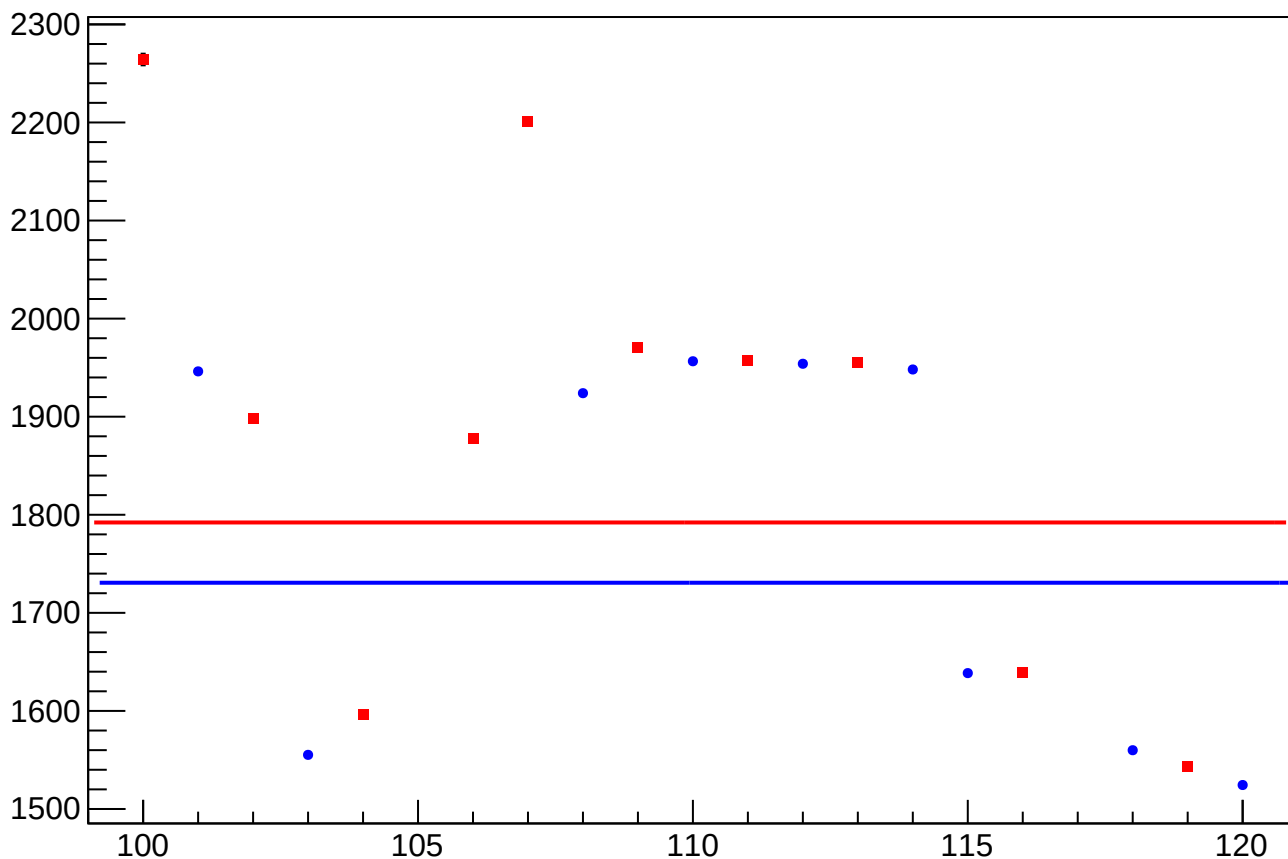
Right: -973.555+/-642.750 χ^2/NDF : 12.7/18

In: -296.753+/-911.354 χ^2/NDF : 6.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -973.555+/-642.750 χ^2/NDF : 12.7/18

reg_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1730.691+/-0.644 χ^2/NDF : 91363.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1792.143+/-0.635 χ^2/NDF : 100847.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

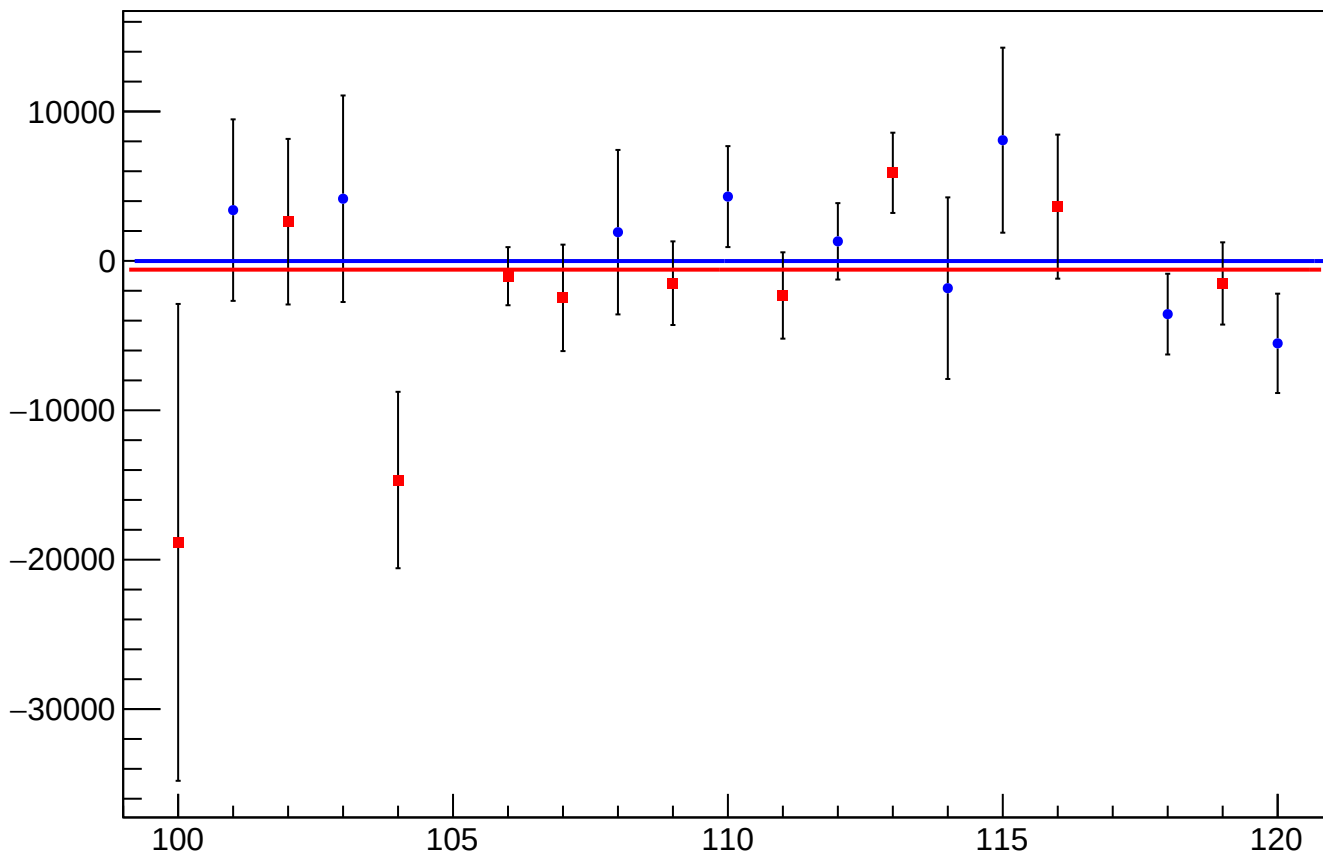
Right: 1761.865+/-0.452 χ^2/NDF : 196824.7/18

In: 1730.691+/-0.644 χ^2/NDF : 91363.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1761.865+/-0.452 χ^2/NDF : 196824.7/18

asym_atl_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -11.216+/-1288.731 χ^2 /NDF: 9.0/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -587.362+/-1015.701 χ^2 /NDF: 14.8/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

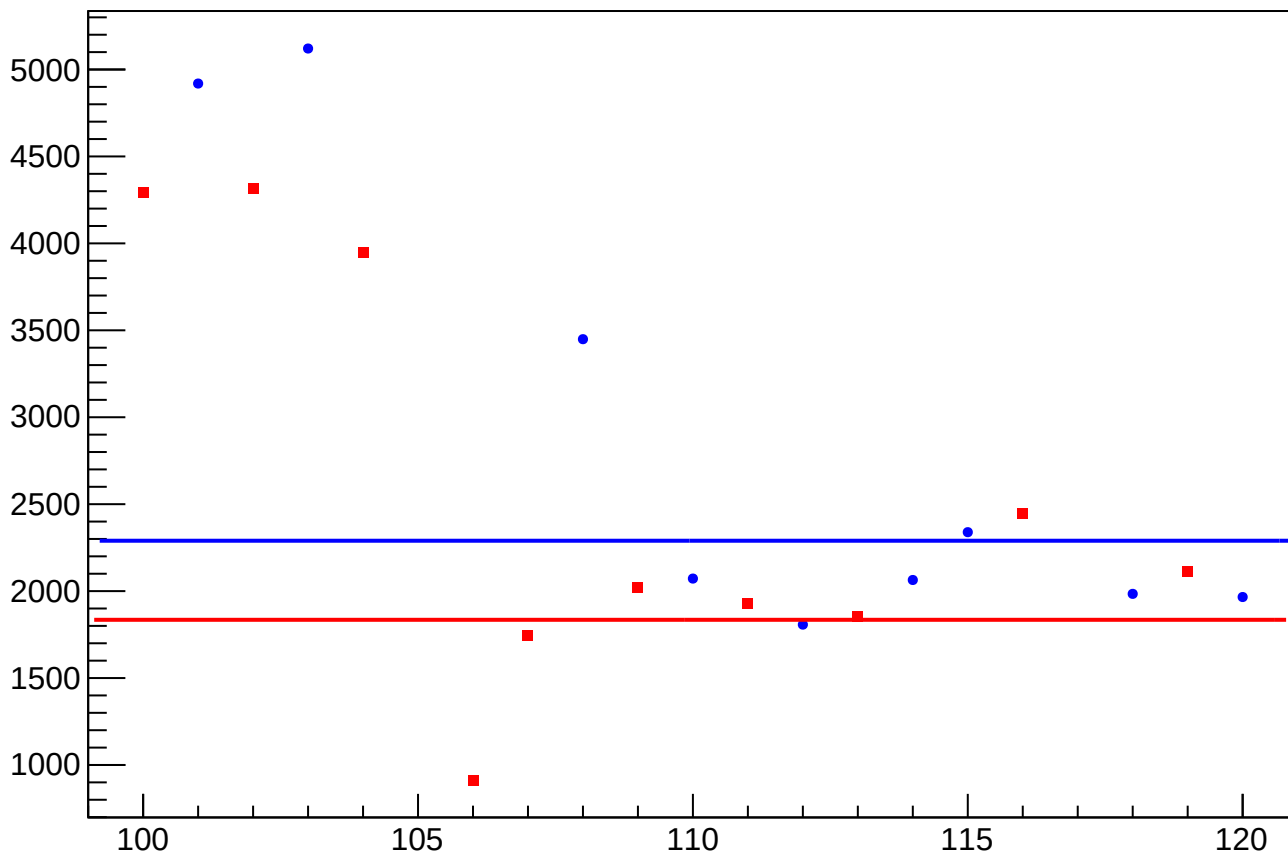
Right: -366.606+/-797.723 χ^2 /NDF: 23.9/18

In: -11.216+/-1288.731 χ^2 /NDF:9.0/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -366.606+/-797.723 χ^2 /NDF: 23.9/18

asym_atl_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2289.764+/-0.911 χ^2/NDF : 925835.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1835.011+/-0.718 χ^2/NDF : 1220206.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

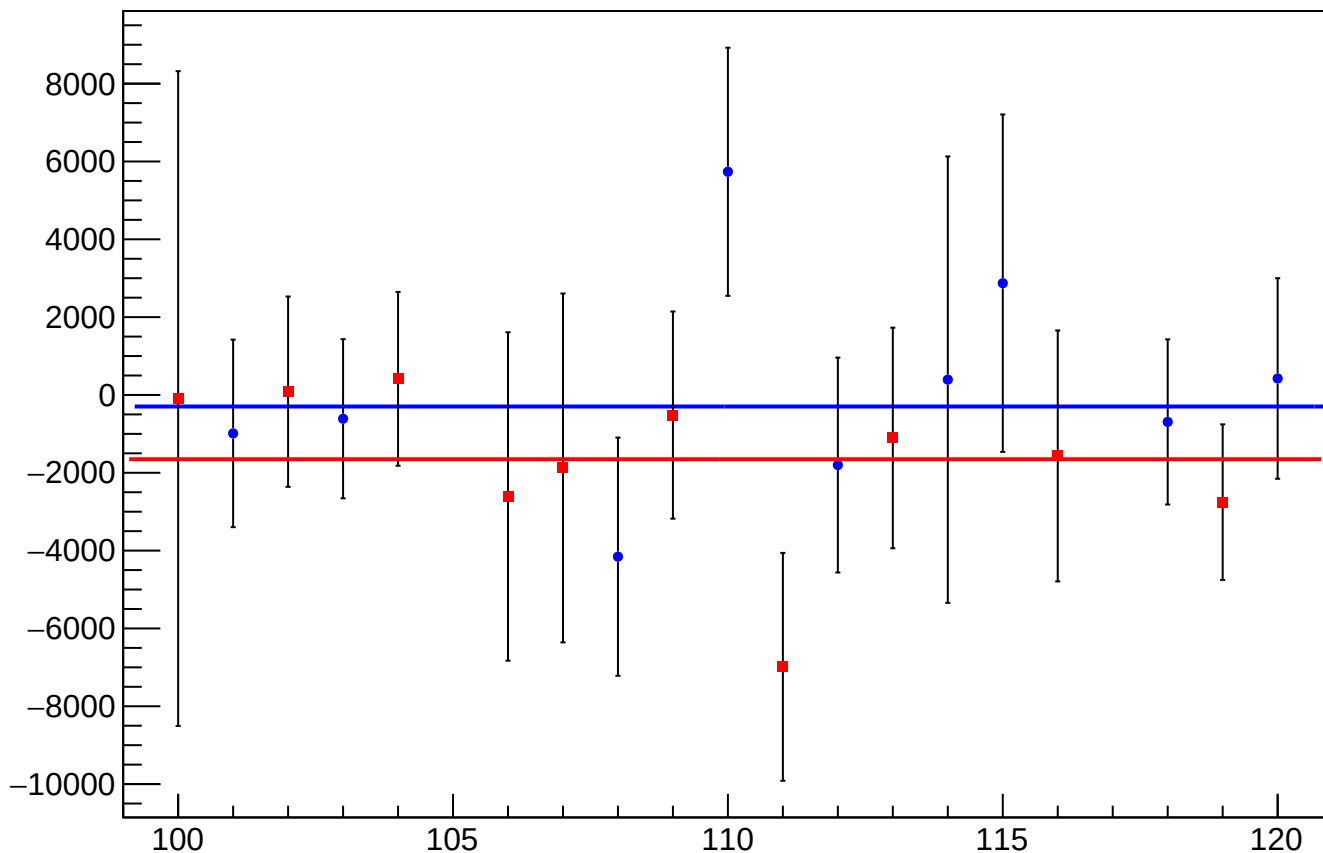
Right: 2099.254+/-0.564 χ^2/NDF : 2299655.0/18

In: 2289.764+/-0.911 χ^2/NDF : 925835.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2099.254+/-0.564 χ^2/NDF : 2299655.0/18

cor_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -296.859+/-911.354 χ^2/NDF : 6.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1652.112+/-906.654 χ^2/NDF : 5.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

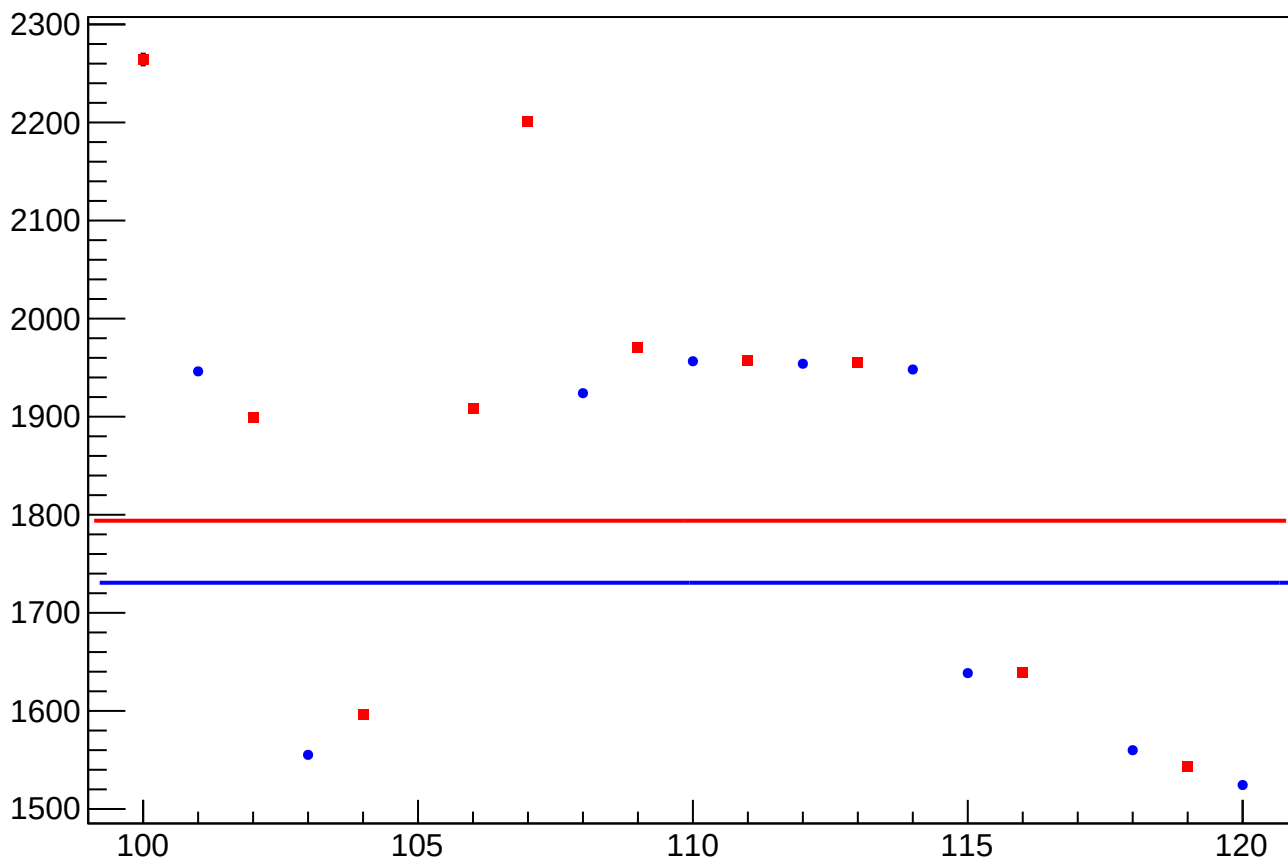
Right: -977.989+/-642.757 χ^2/NDF : 12.6/18

In: -296.859+/-911.354 χ^2/NDF : 6.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -977.989+/-642.757 χ^2/NDF : 12.6/18

cor_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1730.690+/-0.644 χ^2/NDF : 91364.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1793.943+/-0.636 χ^2/NDF : 101786.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

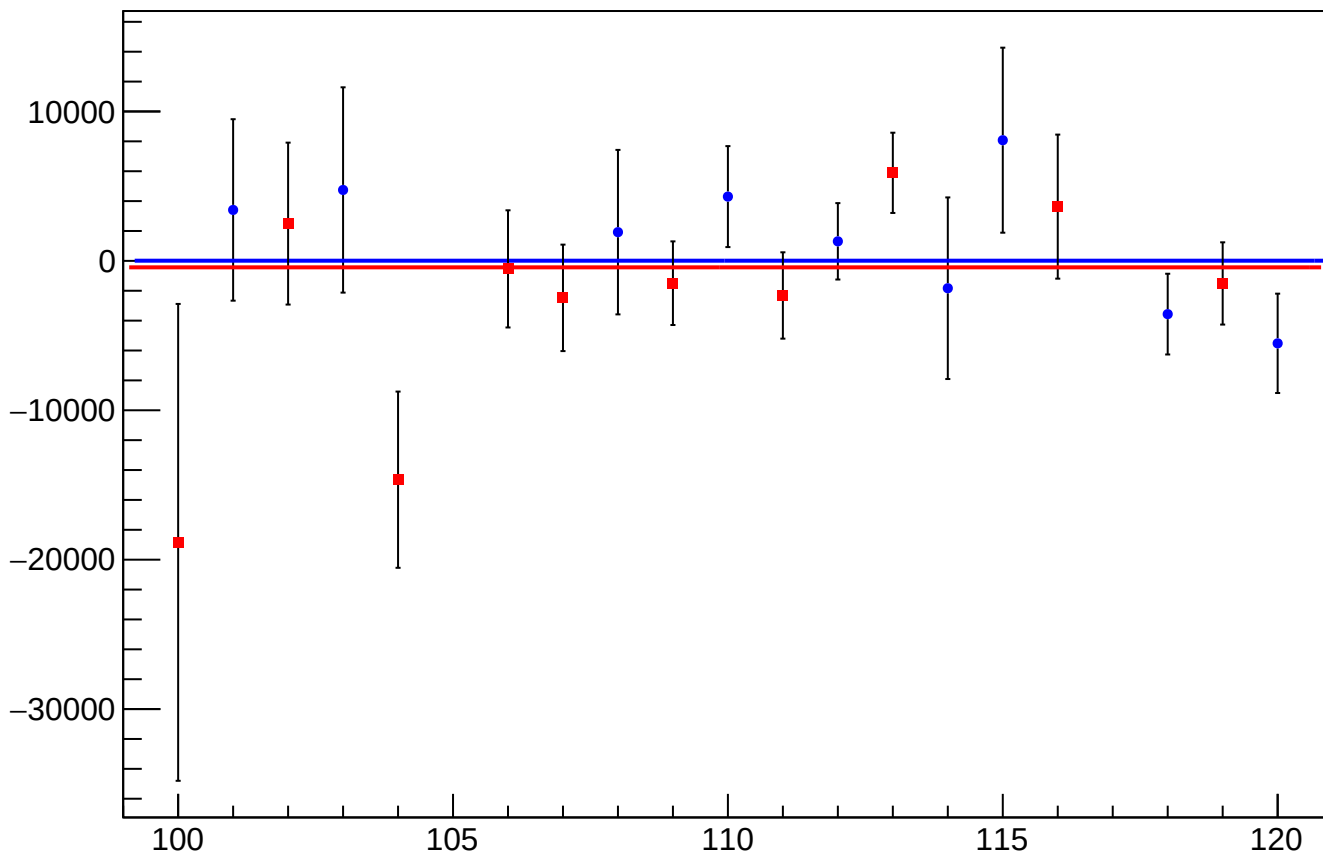
Right: 1762.747+/-0.453 χ^2/NDF : 198033.4/18

In: 1730.690+/-0.644 χ^2/NDF : 91364.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1762.747+/-0.453 χ^2/NDF : 198033.4/18

asym_atl_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 11.518+/-1288.446 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -433.339+/-1138.450 χ^2/NDF : 14.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

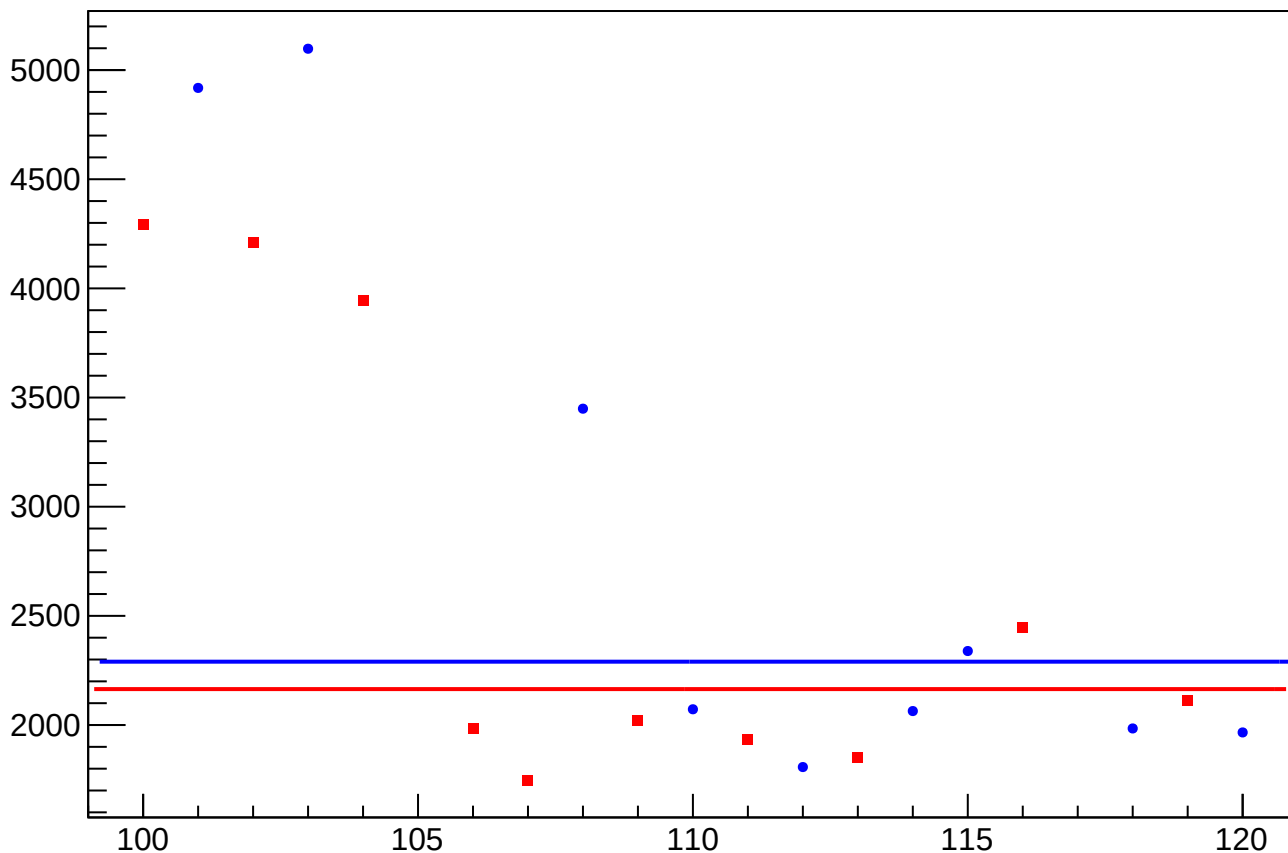
Right: -238.300+/-853.132 χ^2/NDF : 23.9/18

In: 11.518+/-1288.446 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -238.300+/-853.132 χ^2/NDF : 23.9/18

asym_atl_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2290.126+/-0.911 χ^2/NDF : 924253.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2164.536+/-0.805 χ^2/NDF : 586779.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

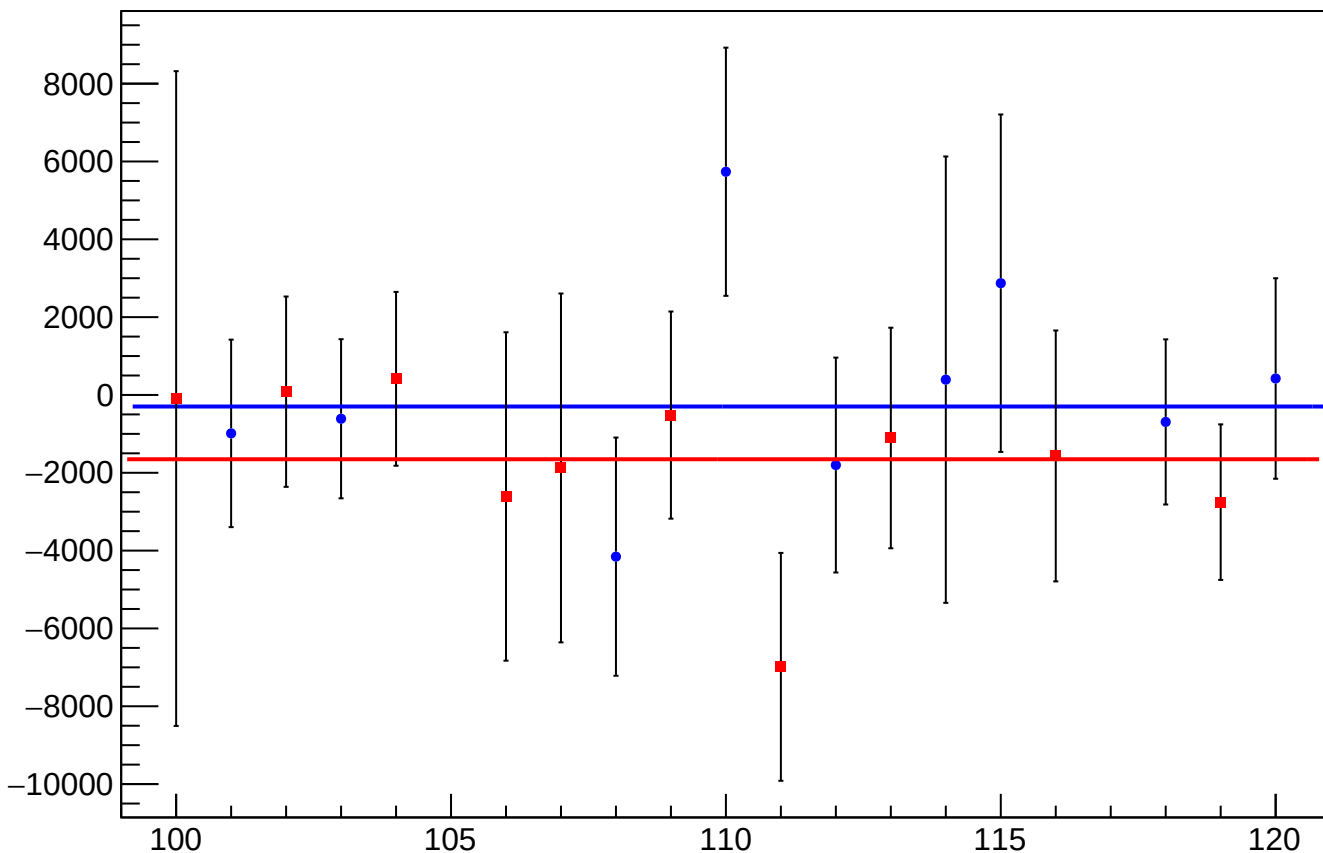
Right: 2219.598+/-0.603 χ^2/NDF : 1521703.0/18

In: 2290.126+/-0.911 χ^2/NDF : 924253.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2219.598+/-0.603 χ^2/NDF : 1521703.0/18

eigen_cor_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -296.859+/-911.354 χ^2/NDF : 6.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1652.112+/-906.654 χ^2/NDF : 5.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

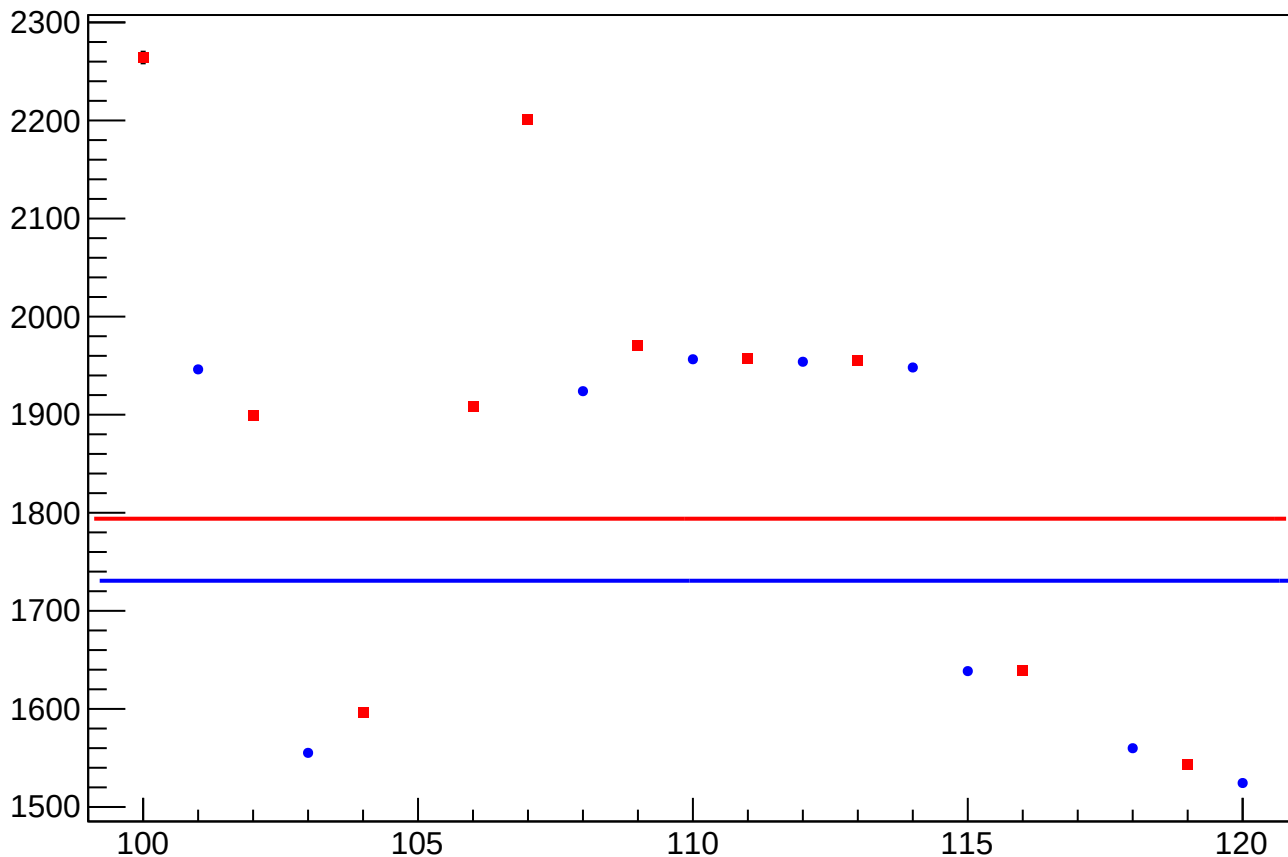
Right: -977.989+/-642.757 χ^2/NDF : 12.6/18

In: -296.859+/-911.354 χ^2/NDF : 6.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -977.989+/-642.757 χ^2/NDF : 12.6/18

eigen_cor_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1730.690+/-0.644 χ^2/NDF : 91364.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1793.943+/-0.636 χ^2/NDF : 101786.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

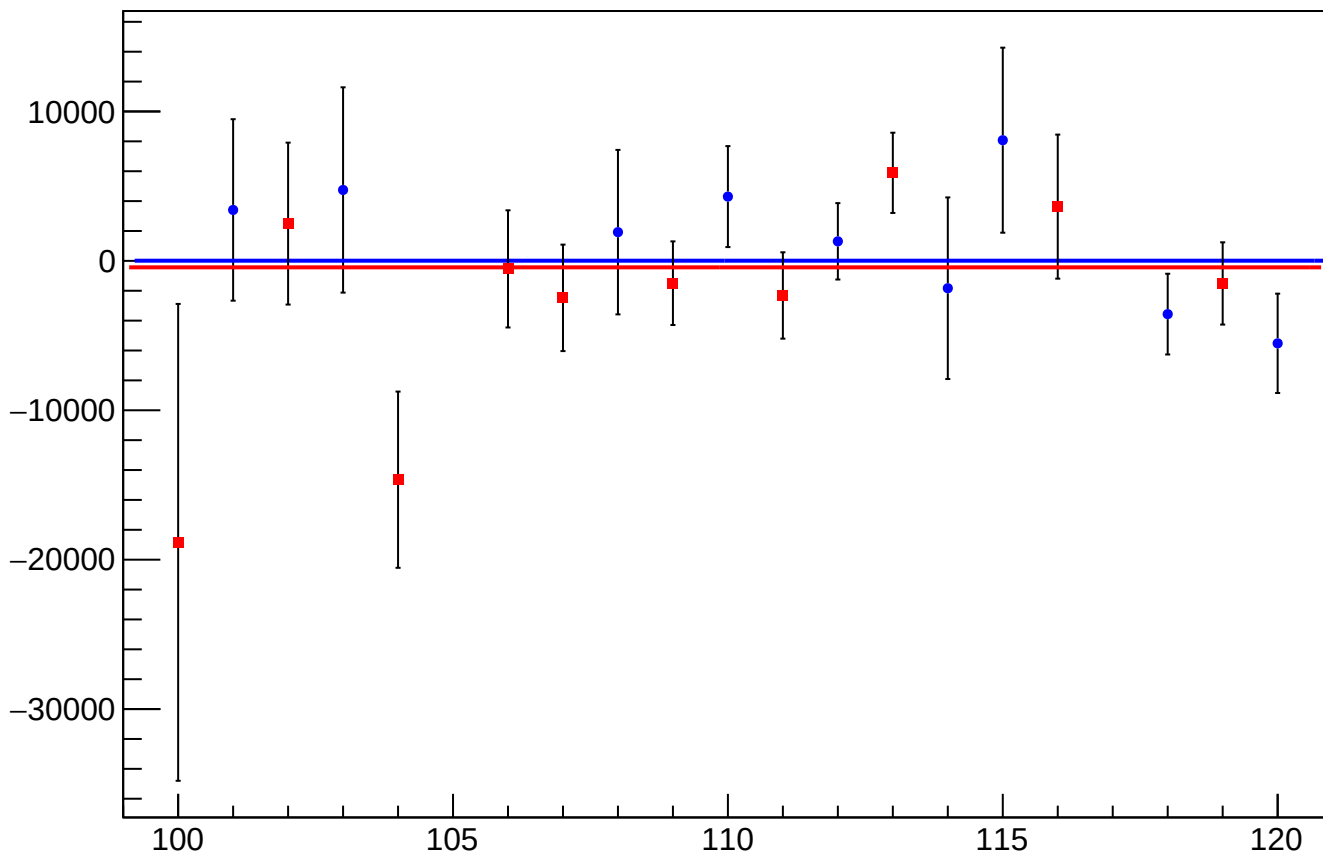
Right: 1762.747+/-0.453 χ^2/NDF : 198033.4/18

In: 1730.690+/-0.644 χ^2/NDF : 91364.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1762.747+/-0.453 χ^2/NDF : 198033.4/18

asym_atl_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 11.518+/-1288.446 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -433.339+/-1138.450 χ^2/NDF : 14.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

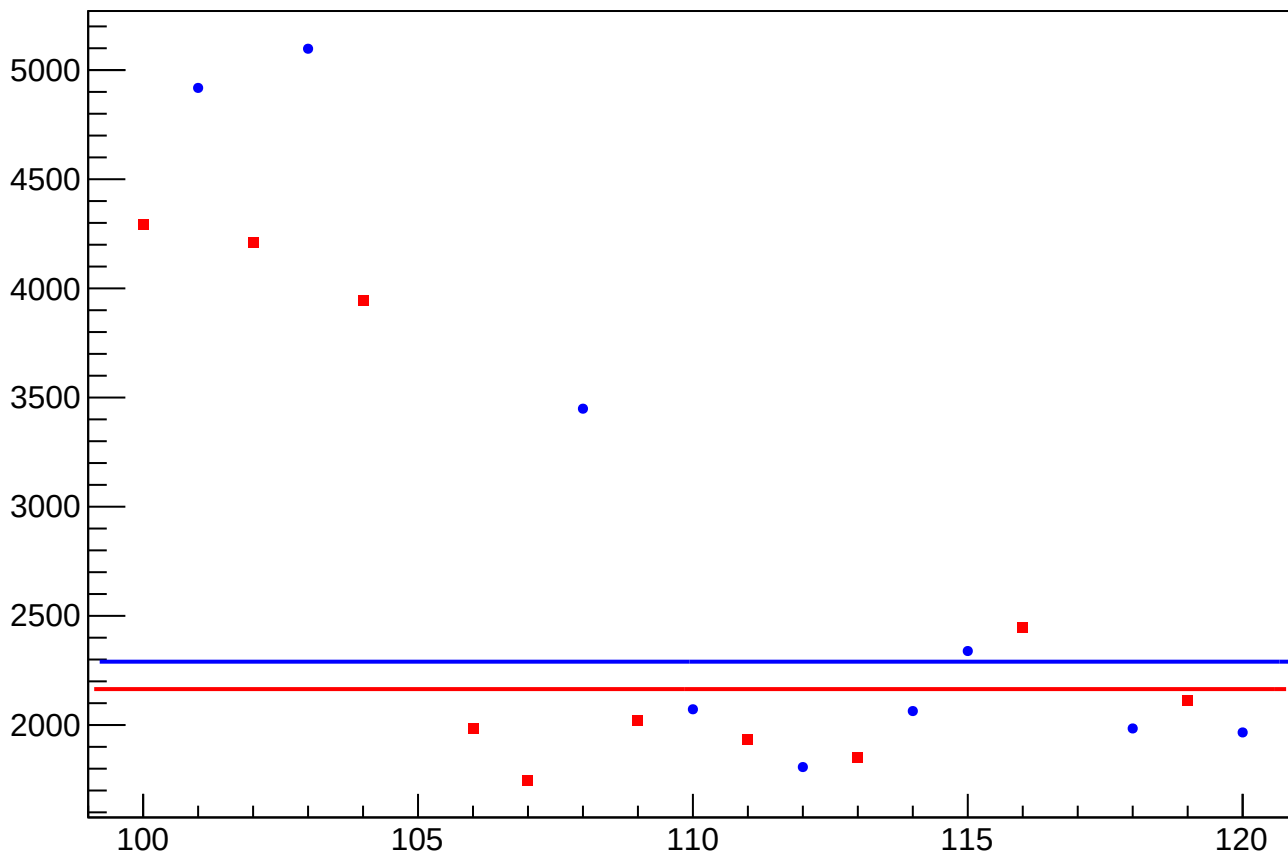
Right: -238.300+/-853.132 χ^2/NDF : 23.9/18

In: 11.518+/-1288.446 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -238.300+/-853.132 χ^2/NDF : 23.9/18

asym_atl_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2290.126+/-0.911 χ^2 /NDF: 924253.0/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2164.536+/-0.805 χ^2 /NDF: 586779.0/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

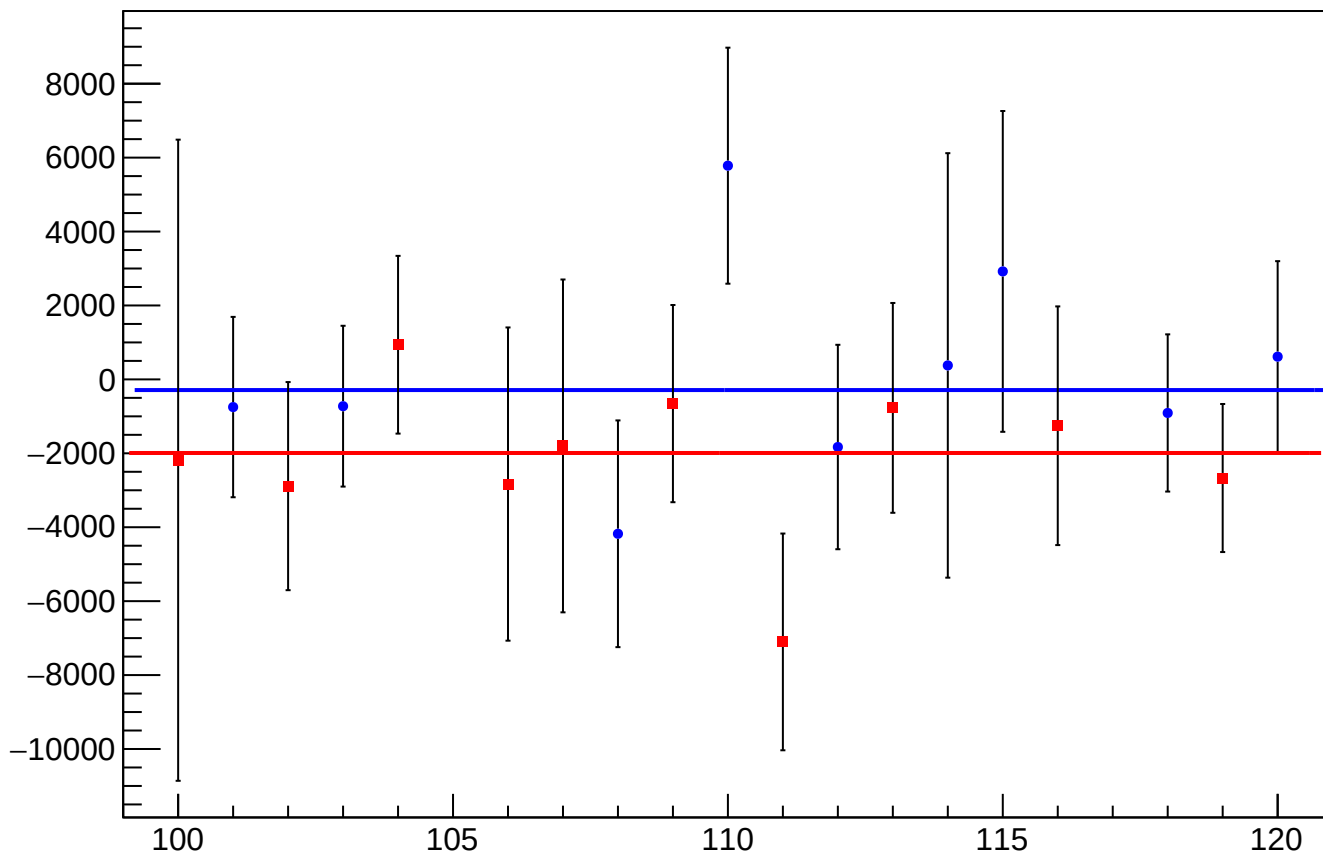
Right: 2219.598+/-0.603 χ^2 /NDF: 1521703.0/18

In: 2290.126+/-0.911 χ^2 /NDF:924253.0/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2219.598+/-0.603 χ^2 /NDF: 1521703.0/18

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -288.712+/-925.016 χ^2/NDF : 6.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1991.290+/-935.114 χ^2/NDF : 5.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

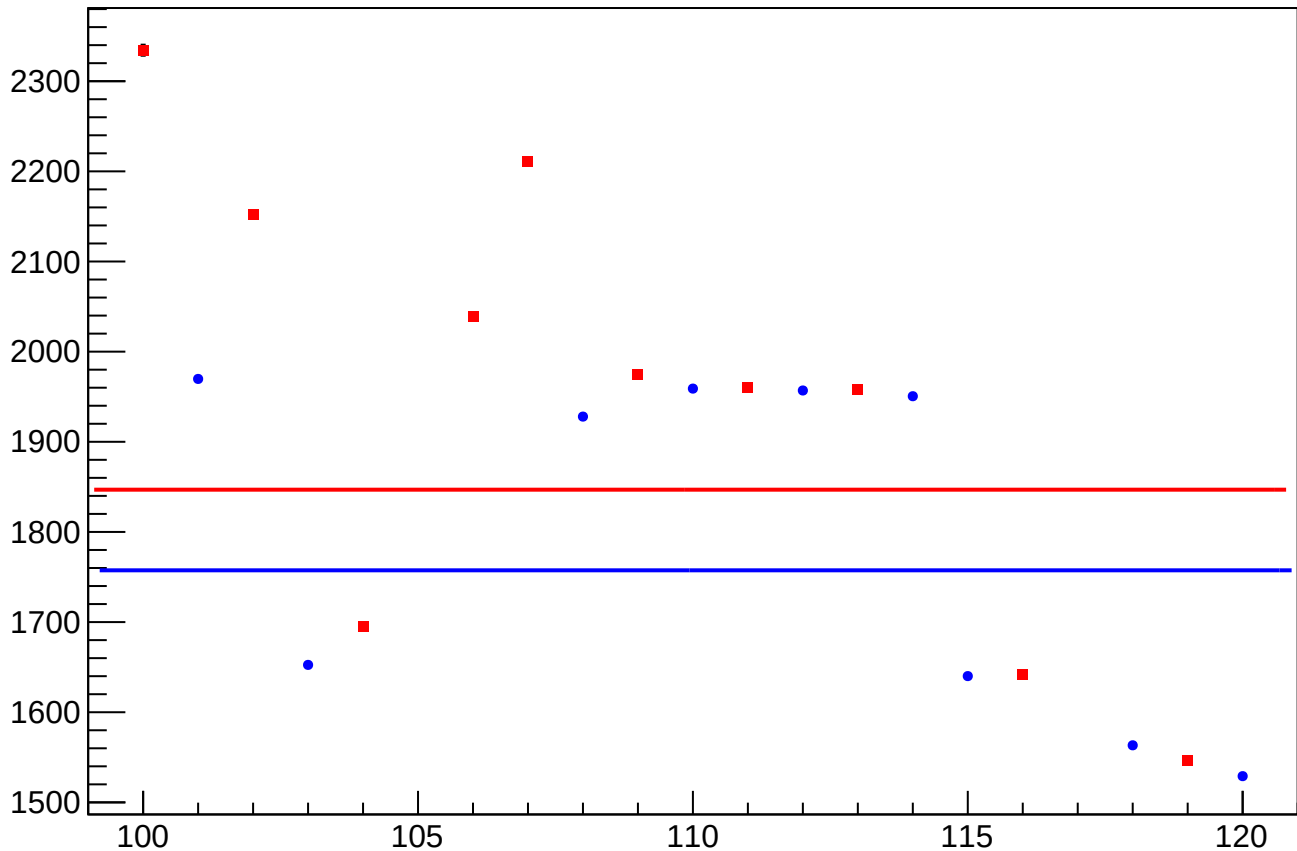
Right: -1130.759+/-657.626 χ^2/NDF : 13.3/18

In: -288.712+/-925.016 χ^2/NDF : 6.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1130.759+/-657.626 χ^2/NDF : 13.3/18

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1757.432+/-0.654 χ^2/NDF : 80353.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1846.877+/-0.658 χ^2/NDF : 119598.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

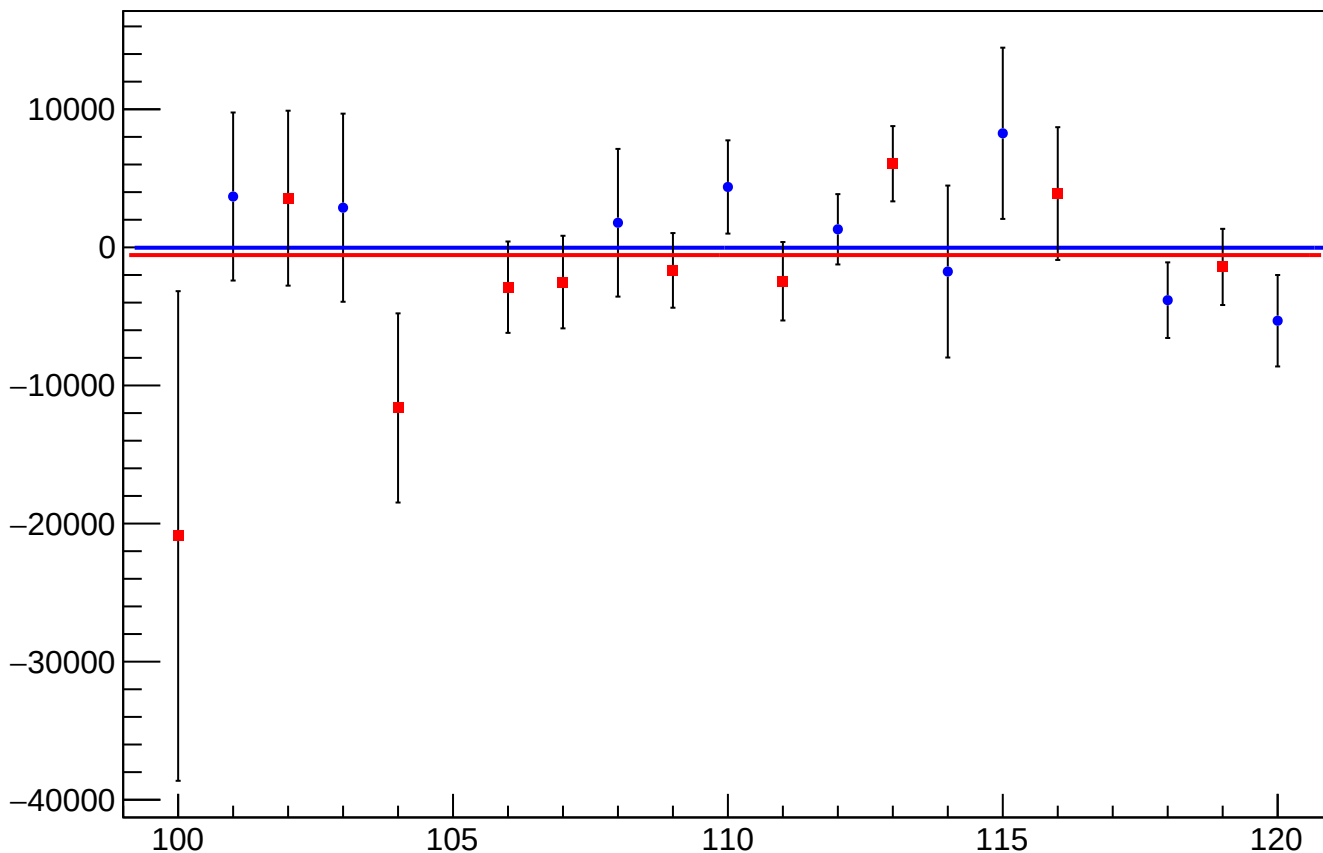
Right: 1801.886+/-0.464 χ^2/NDF : 209245.5/18

In: 1757.432+/-0.654 χ^2/NDF : 80353.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1801.886+/-0.464 χ^2/NDF : 209245.5/18

asym_atl_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -26.283+/-1288.991 χ^2 /NDF: 9.0/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -558.447+/-1118.104 χ^2 /NDF: 12.6/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

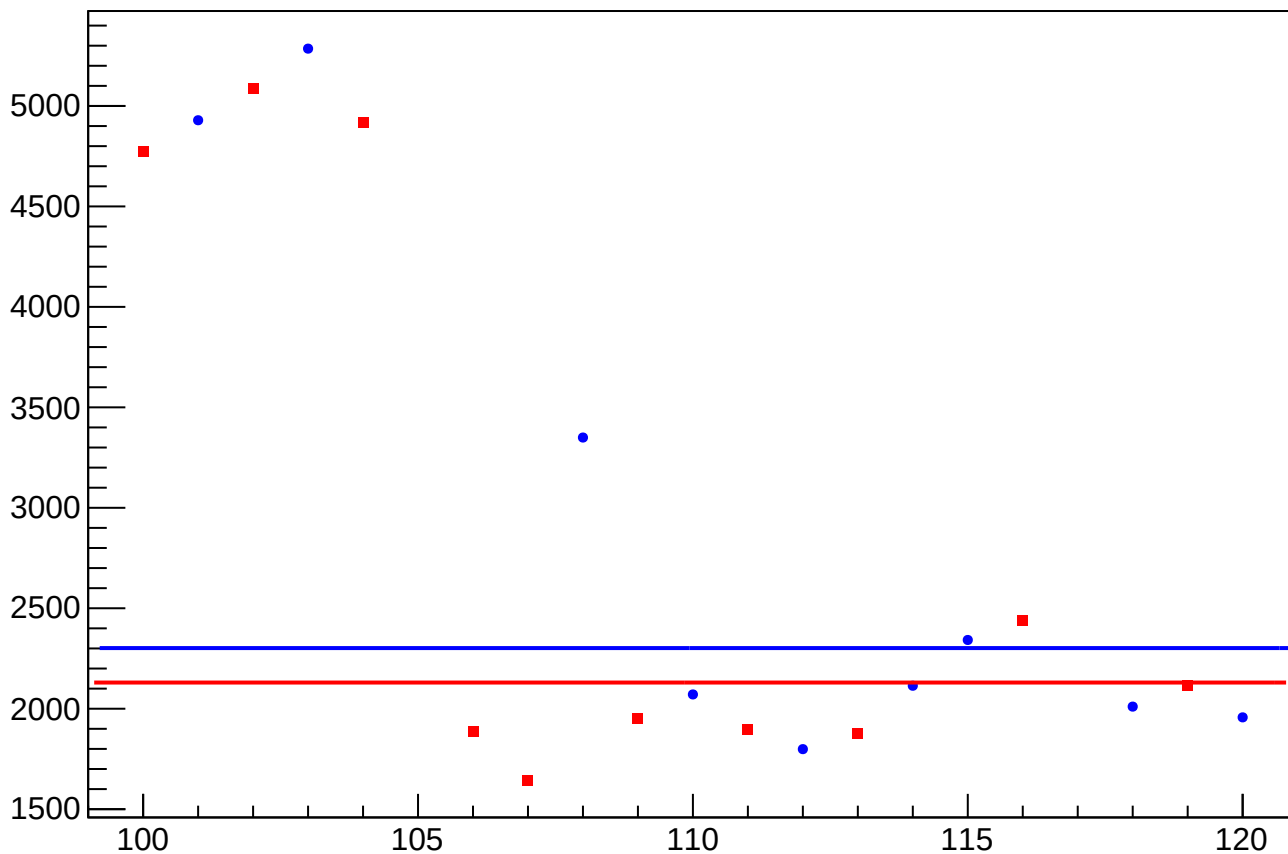
Right: -329.955+/-844.622 χ^2 /NDF: 21.7/18

In: -26.283+/-1288.991 χ^2 /NDF:9.0/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -329.955+/-844.622 χ^2 /NDF: 21.7/18

asym_atl_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2301.837+/-0.911 χ^2/NDF : 967006.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2130.293+/-0.791 χ^2/NDF : 912288.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

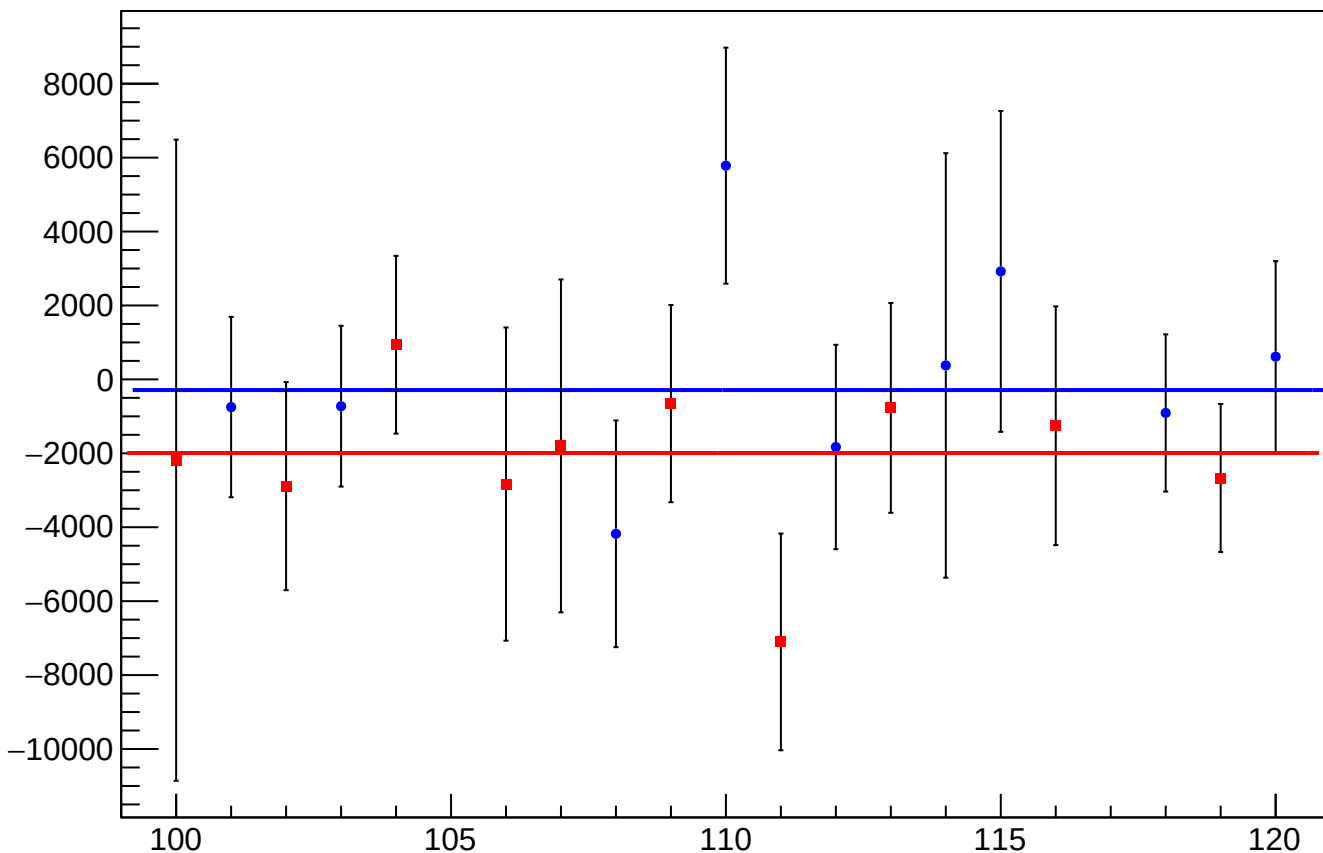
Right: 2203.948+/-0.597 χ^2/NDF : 1899508.5/18

In: 2301.837+/-0.911 χ^2/NDF : 967006.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2203.948+/-0.597 χ^2/NDF : 1899508.5/18

eigen_dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -288.714+/-925.016 χ^2 /NDF: 6.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1991.299+/-935.114 χ^2 /NDF: 5.3/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

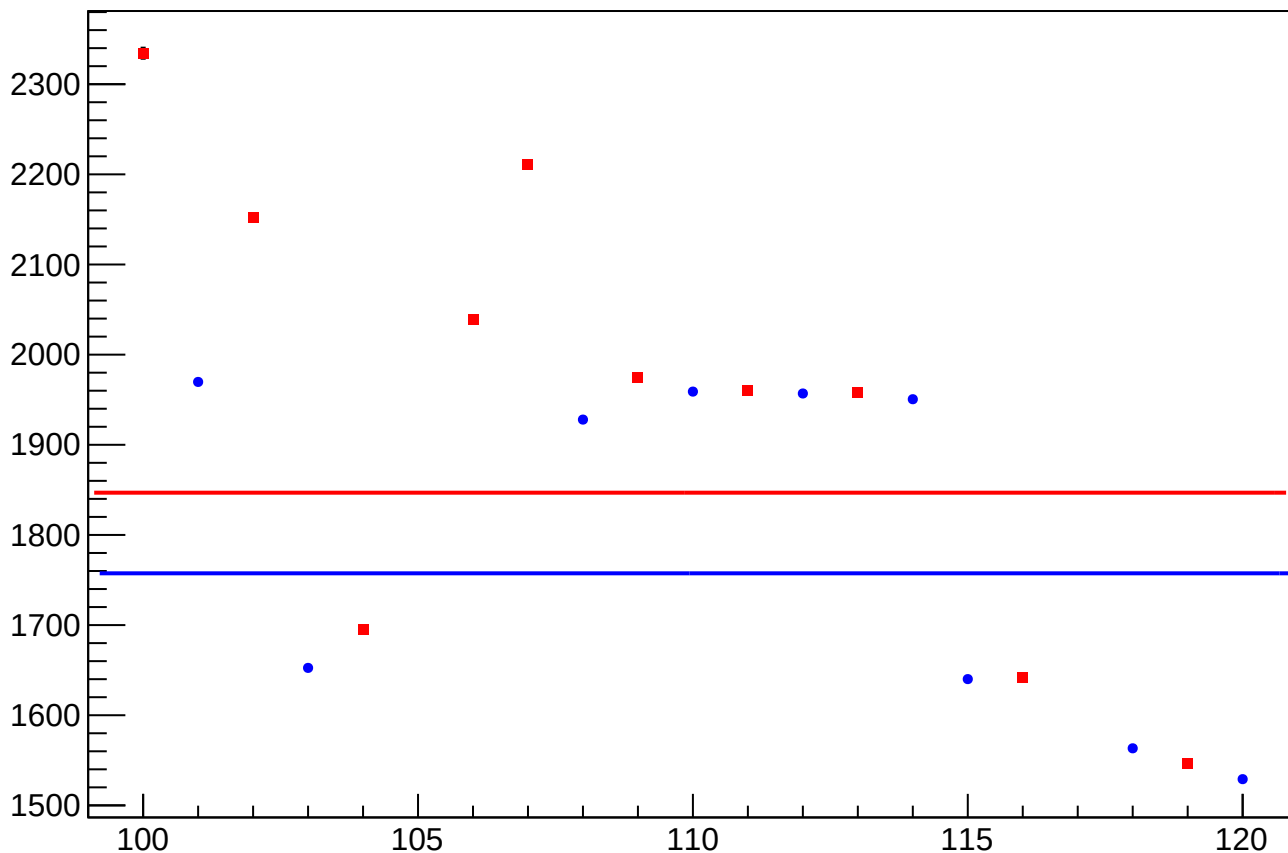
Right: -1130.765+/-657.626 χ^2 /NDF: 13.3/18

In: -288.714+/-925.016 χ^2 /NDF:6.4/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1130.765+/-657.626 χ^2 /NDF: 13.3/18

eigen_dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1757.432+/-0.654 χ^2/NDF : 80353.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1846.876+/-0.658 χ^2/NDF : 119598.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

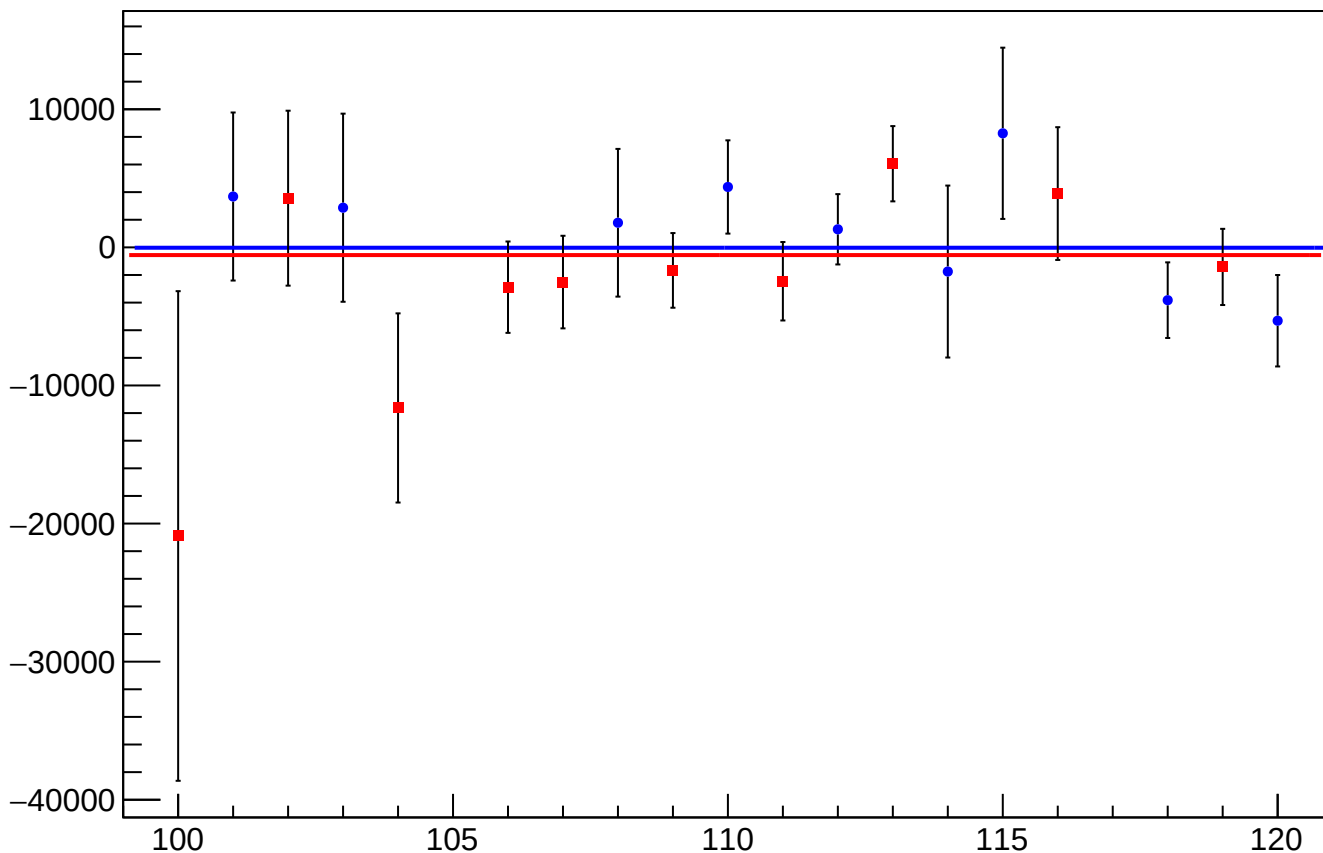
Right: 1801.886+/-0.464 χ^2/NDF : 209245.3/18

In: 1757.432+/-0.654 χ^2/NDF : 80353.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1801.886+/-0.464 χ^2/NDF : 209245.3/18

asym_atl_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -26.289+/-1288.984 χ^2 /NDF: 9.0/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -558.447+/-1118.100 χ^2 /NDF: 12.6/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

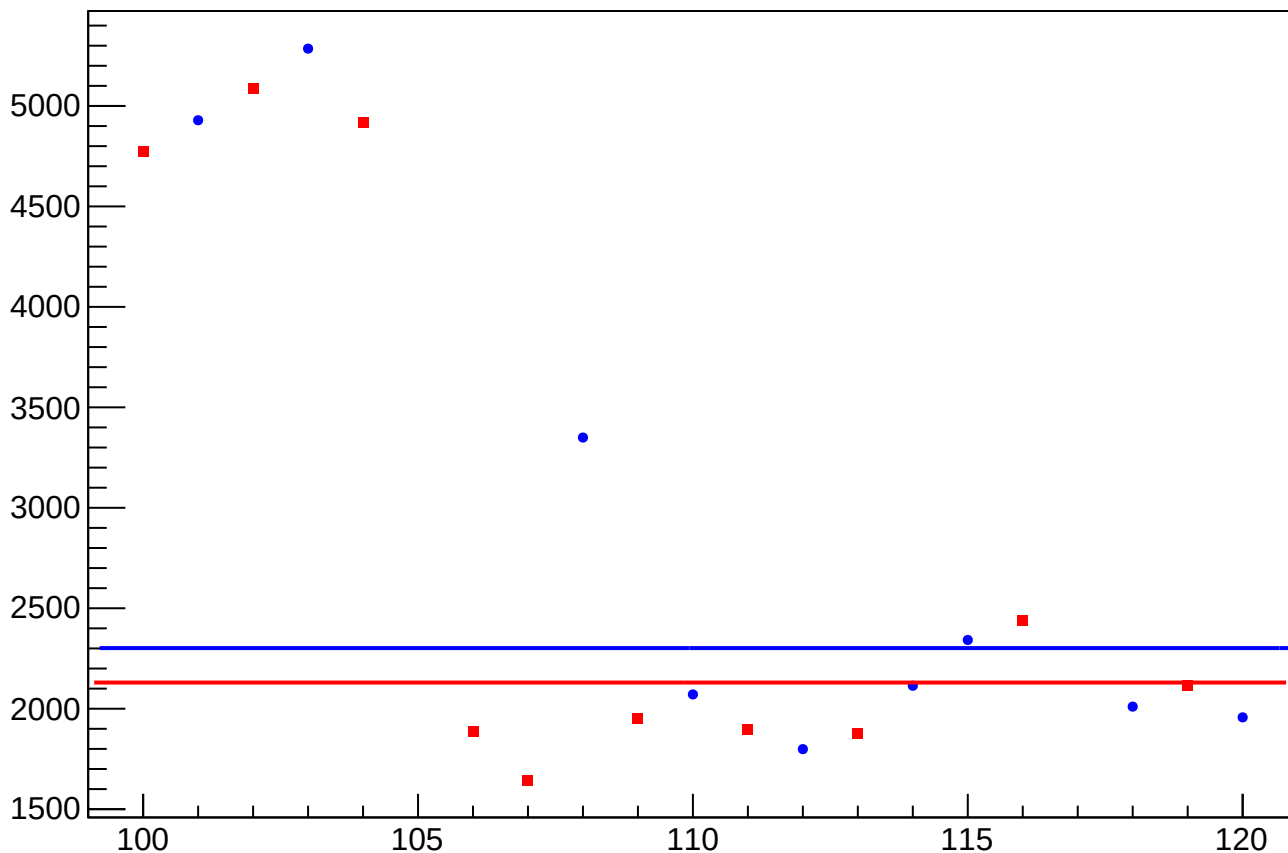
Right: -329.958+/-844.618 χ^2 /NDF: 21.7/18

In: -26.289+/-1288.984 χ^2 /NDF:9.0/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -329.958+/-844.618 χ^2 /NDF: 21.7/18

asym_atl_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2301.824+/-0.911 χ^2/NDF : 967013.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2130.285+/-0.791 χ^2/NDF : 912293.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

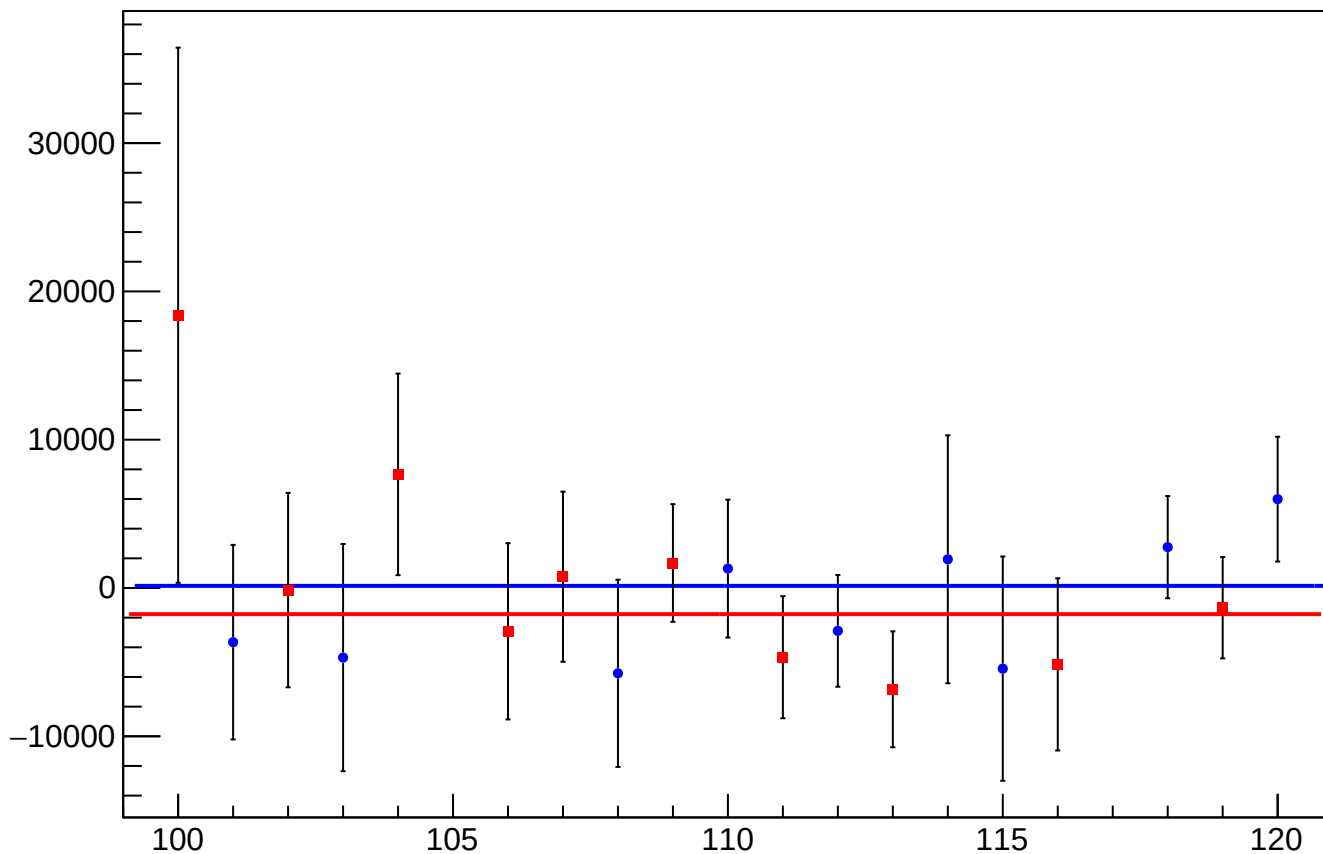
Right: 2203.938+/-0.597 χ^2/NDF : 1899518.7/18

In: 2301.824+/-0.911 χ^2/NDF : 967013.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2203.938+/-0.597 χ^2/NDF : 1899518.7/18

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 142.366+/-1679.438 χ^2/NDF : 5.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1763.301+/-1561.393 χ^2/NDF : 6.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

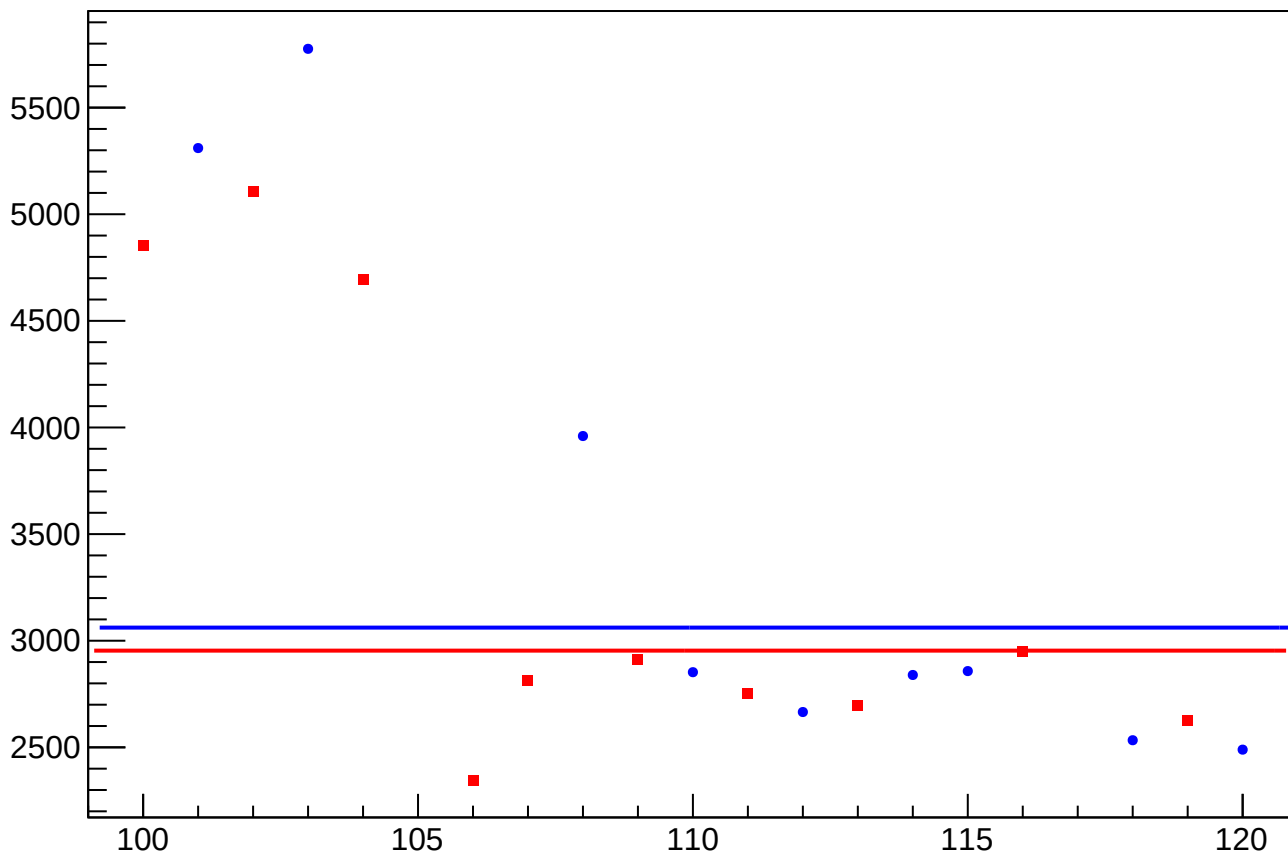
Right: -879.788+/-1143.528 χ^2/NDF : 12.9/18

In: 142.366+/-1679.438 χ^2/NDF : 5.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -879.788+/-1143.528 χ^2/NDF : 12.9/18

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3061.550+/-1.188 χ^2/NDF : 639749.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2953.560+/-1.077 χ^2/NDF : 438805.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

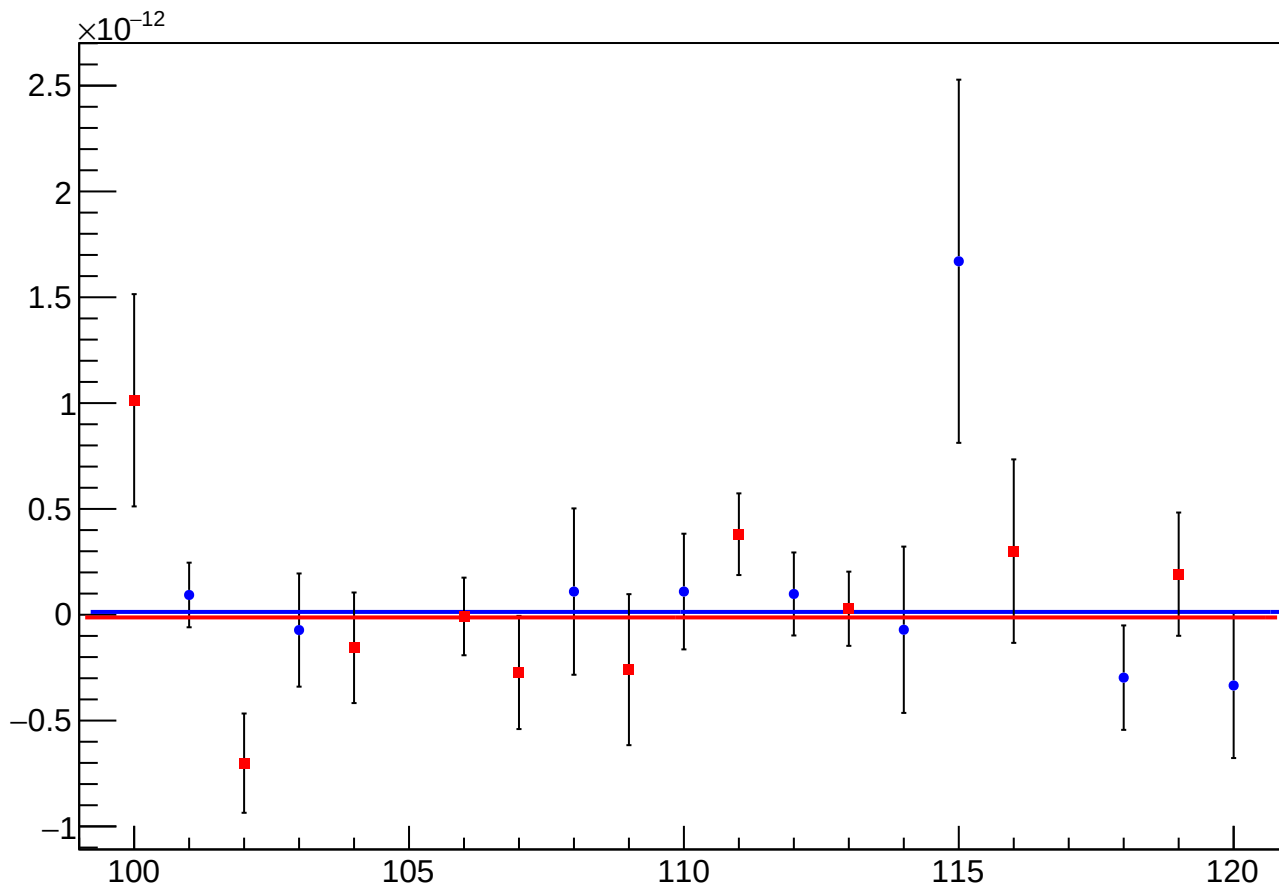
Right: 3002.307+/-0.798 χ^2/NDF : 1083091.9/18

In: 3061.550+/-1.188 χ^2/NDF : 639749.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3002.307+/-0.798 χ^2/NDF : 1083091.9/18

asym_atl_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 7.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 19.8/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

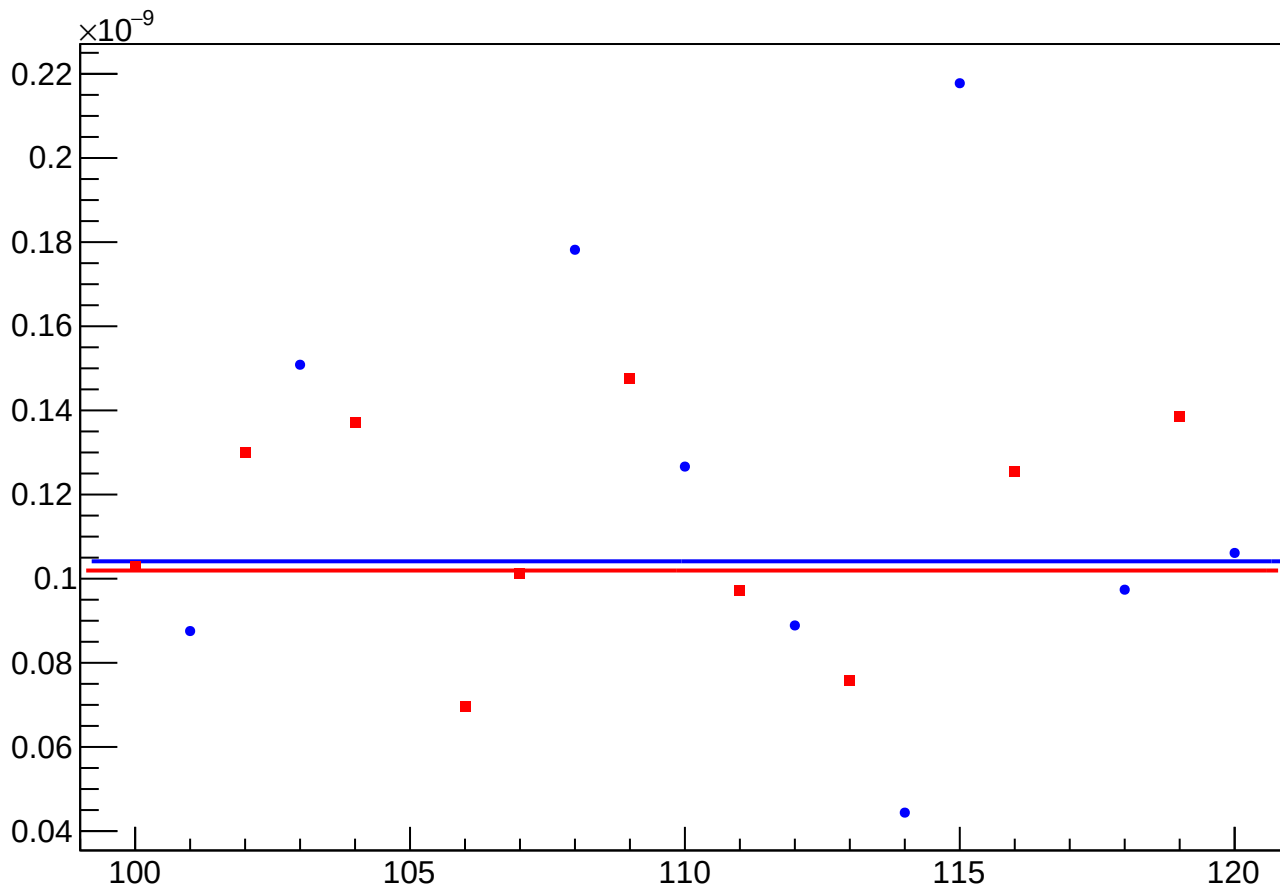
Right: -0.000 $\pm$ 0.000 χ^2/NDF : 26.9/18

In: 0.000 $\pm$ 0.000 χ^2/NDF : 7.1/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 26.9/18

asym_atl_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 264246.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 243396.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

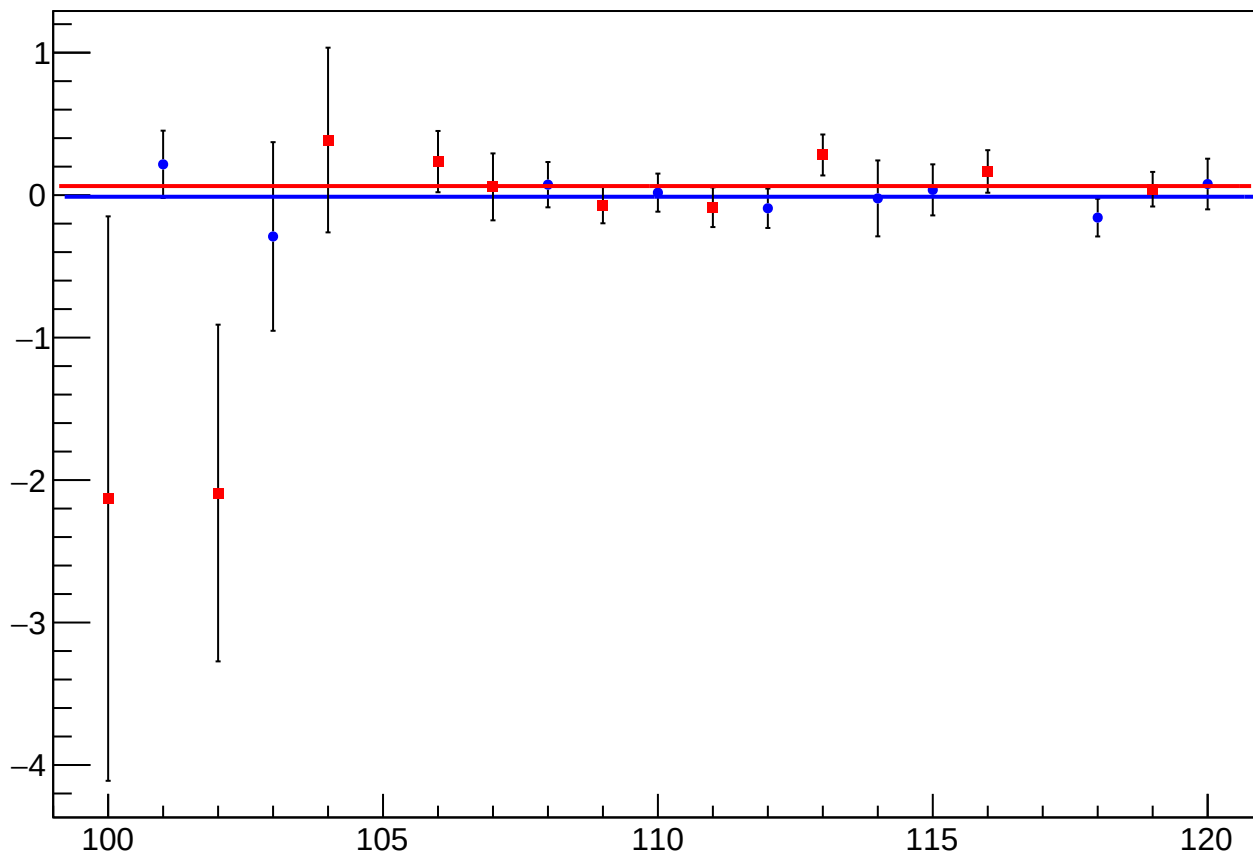
Right: 0.000+/-0.000 χ^2/NDF : 508357.0/18

In: 0.000+/-0.000 χ^2/NDF : 264246.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 508357.0/18

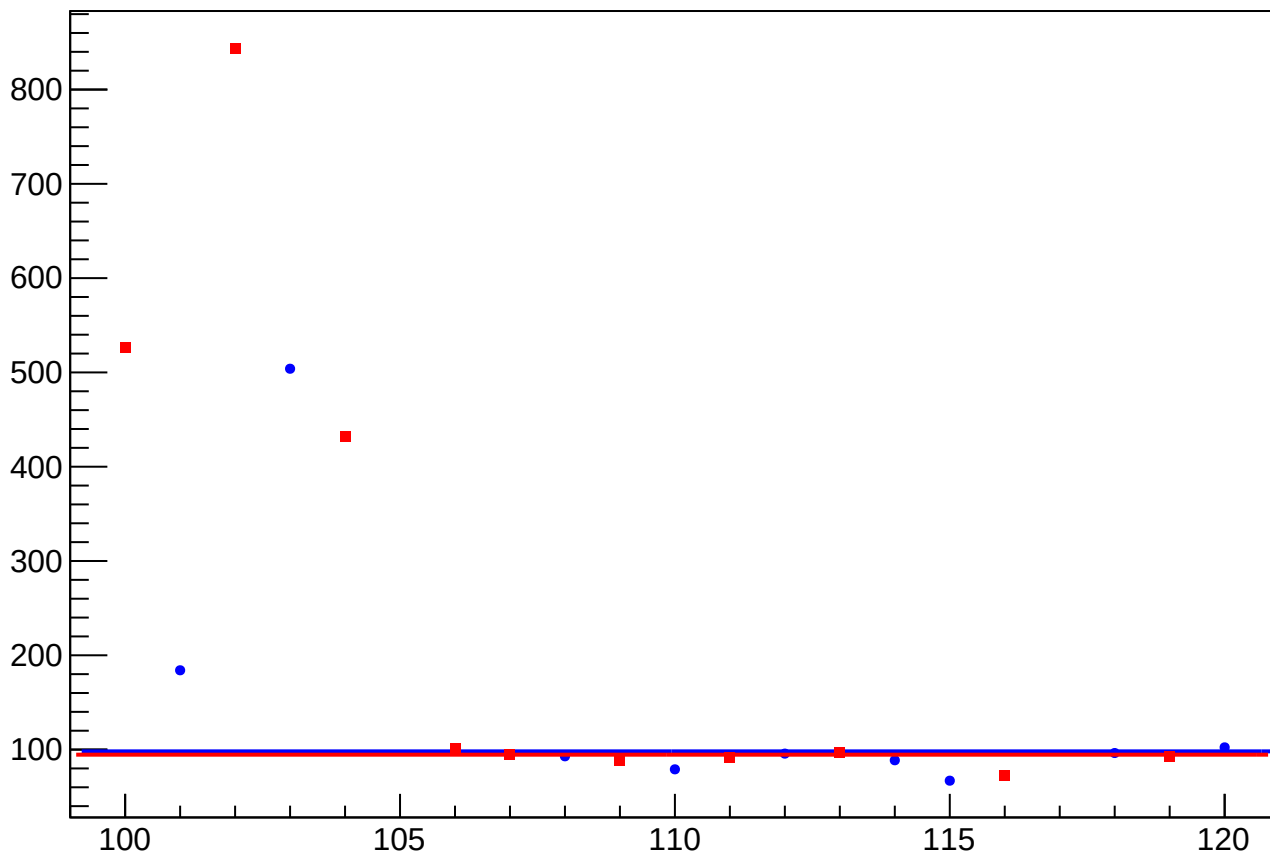
asym_atl_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 $\pm$ 0.058 χ^2 /NDF: 3.3/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.064 $\pm$ 0.056 χ^2 /NDF: 10.5/9
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.027 $\pm$ 0.040 χ^2 /NDF: 14.7/18
 In: -0.011 $\pm$ 0.058 χ^2 /NDF:3.3/8
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.027 $\pm$ 0.040 χ^2 /NDF: 14.7/18

asym_atl_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 98.109+/-0.041 χ^2/NDF : 1123950.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.589+/-0.040 χ^2/NDF : 1492397.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

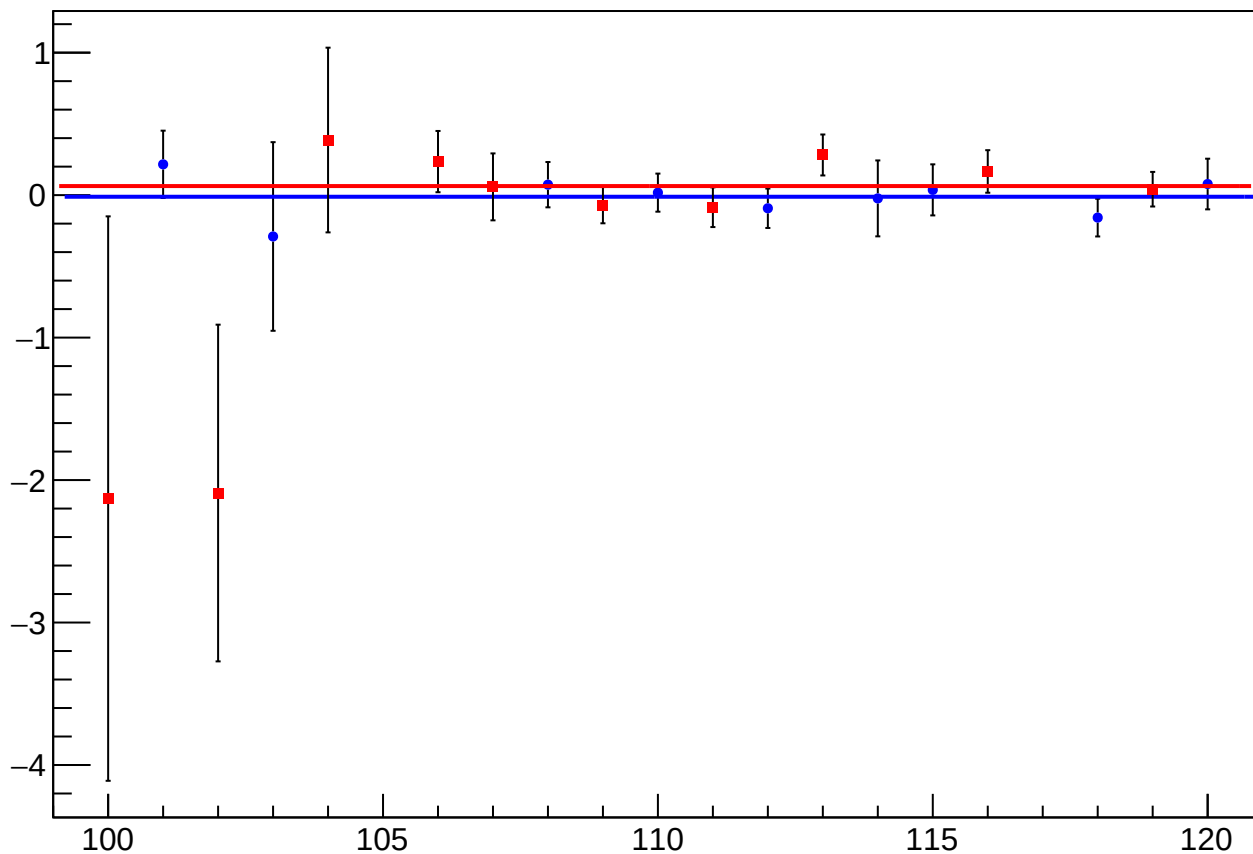
Right: 96.304+/-0.028 χ^2/NDF : 2620181.5/18

In: 98.109+/-0.041 χ^2/NDF : 1123950.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.304+/-0.028 χ^2/NDF : 2620181.5/18

asym_atl_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right: 0.027 $\pm$ 0.040 χ^2/NDF : 14.7/18

In: -0.011 $\pm$ 0.058 χ^2/NDF : 3.3/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.027 $\pm$ 0.040 χ^2/NDF : 14.7/18

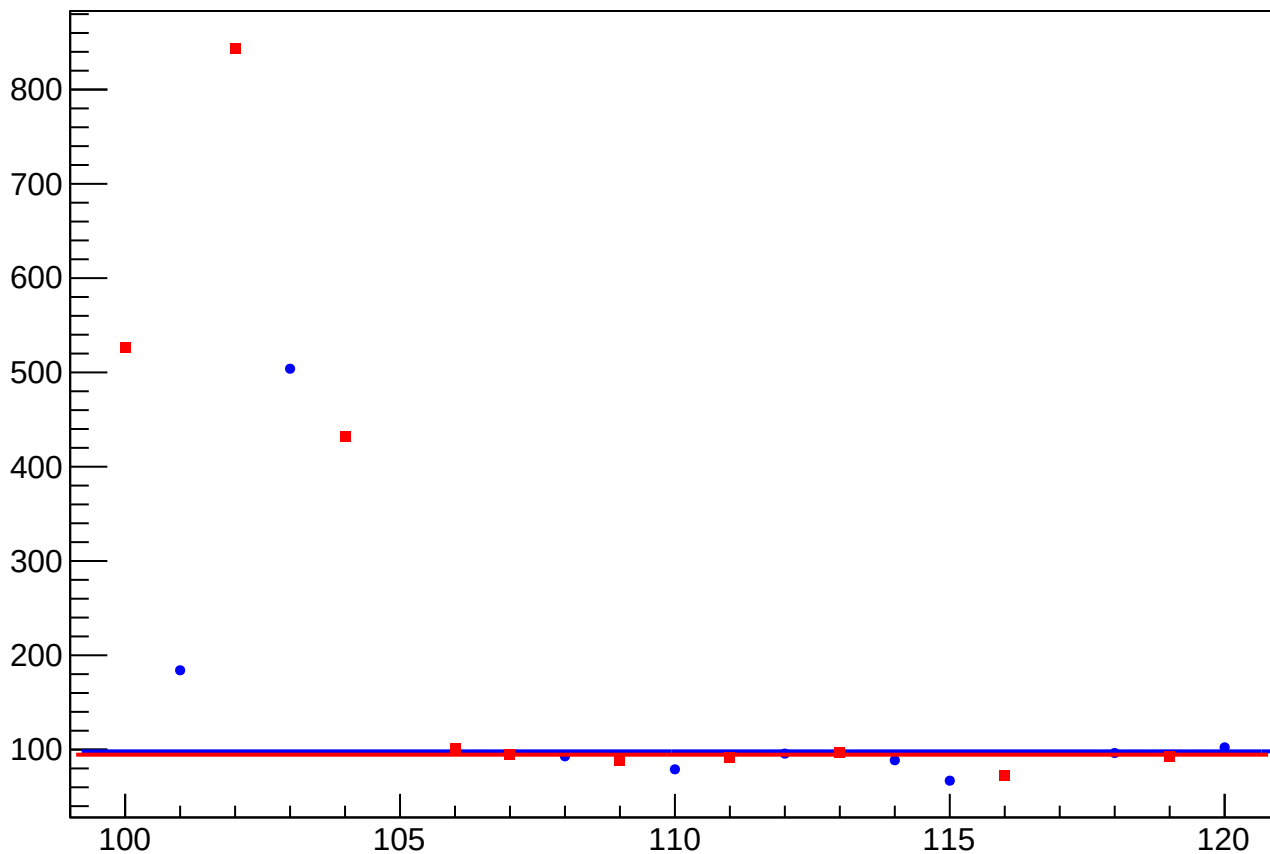
Right In: -0.011 $\pm$ 0.058 χ^2/NDF : 3.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.064 $\pm$ 0.056 χ^2/NDF : 10.5/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_atl_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 98.109+/-0.041 χ^2/NDF : 1123950.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.589+/-0.040 χ^2/NDF : 1492397.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

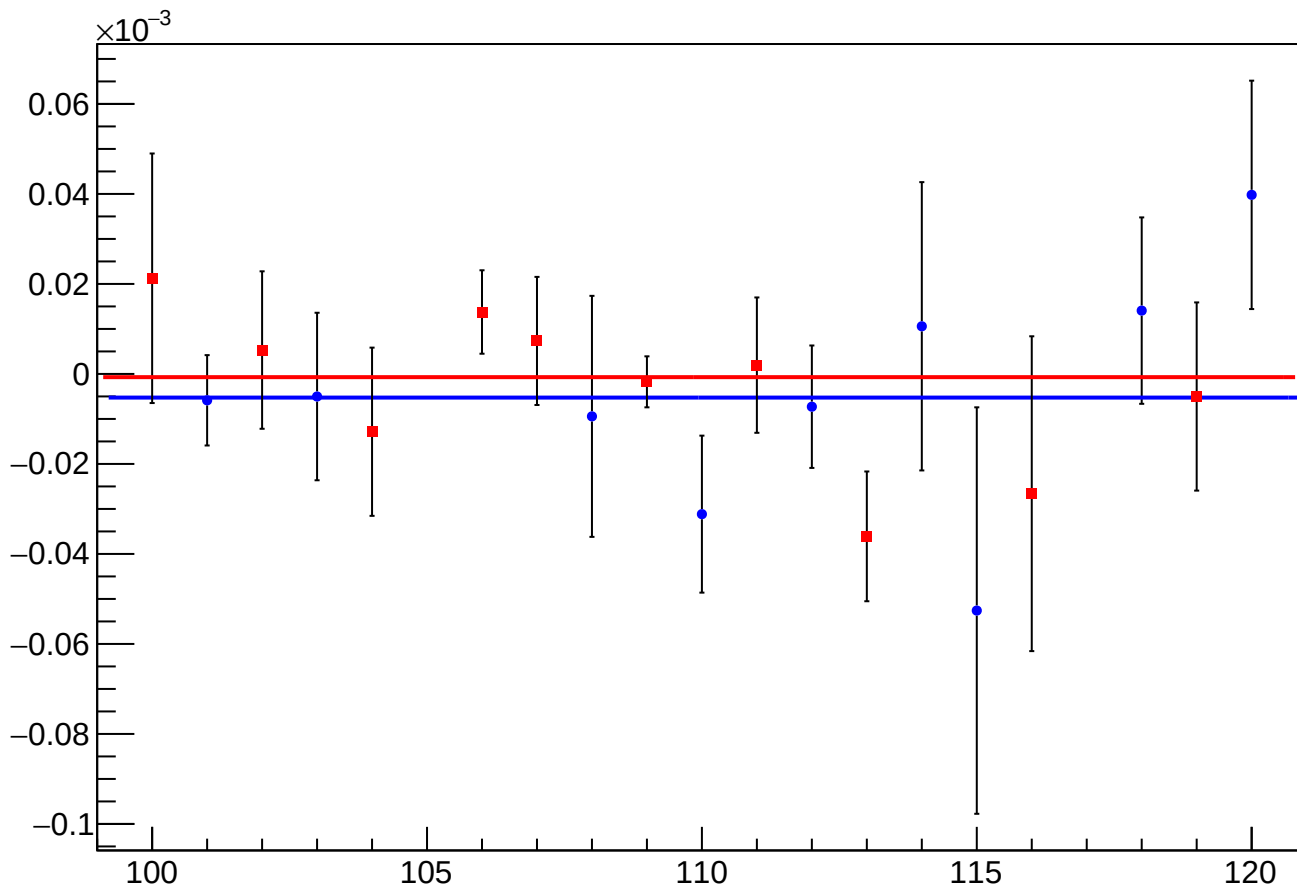
Right: 96.304+/-0.028 χ^2/NDF : 2620181.5/18

In: 98.109+/-0.041 χ^2/NDF : 1123950.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.304+/-0.028 χ^2/NDF : 2620181.5/18

asym_atl_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 7.6/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 10.6/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

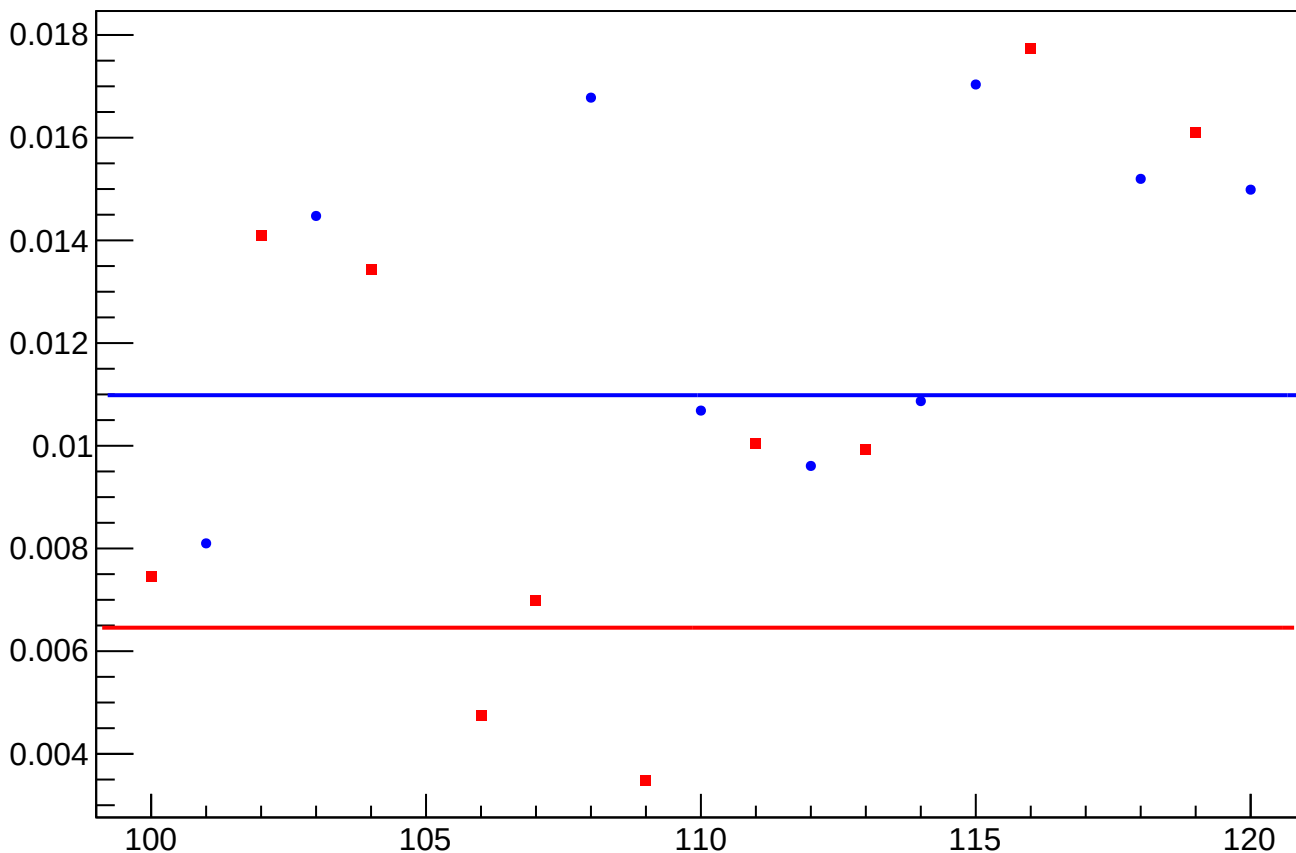
Right: -0.000+/-0.000 χ^2 /NDF: 18.6/18

In: -0.000+/-0.000 χ^2 /NDF:7.6/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 18.6/18

asym_atl_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 518709.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 2147105.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

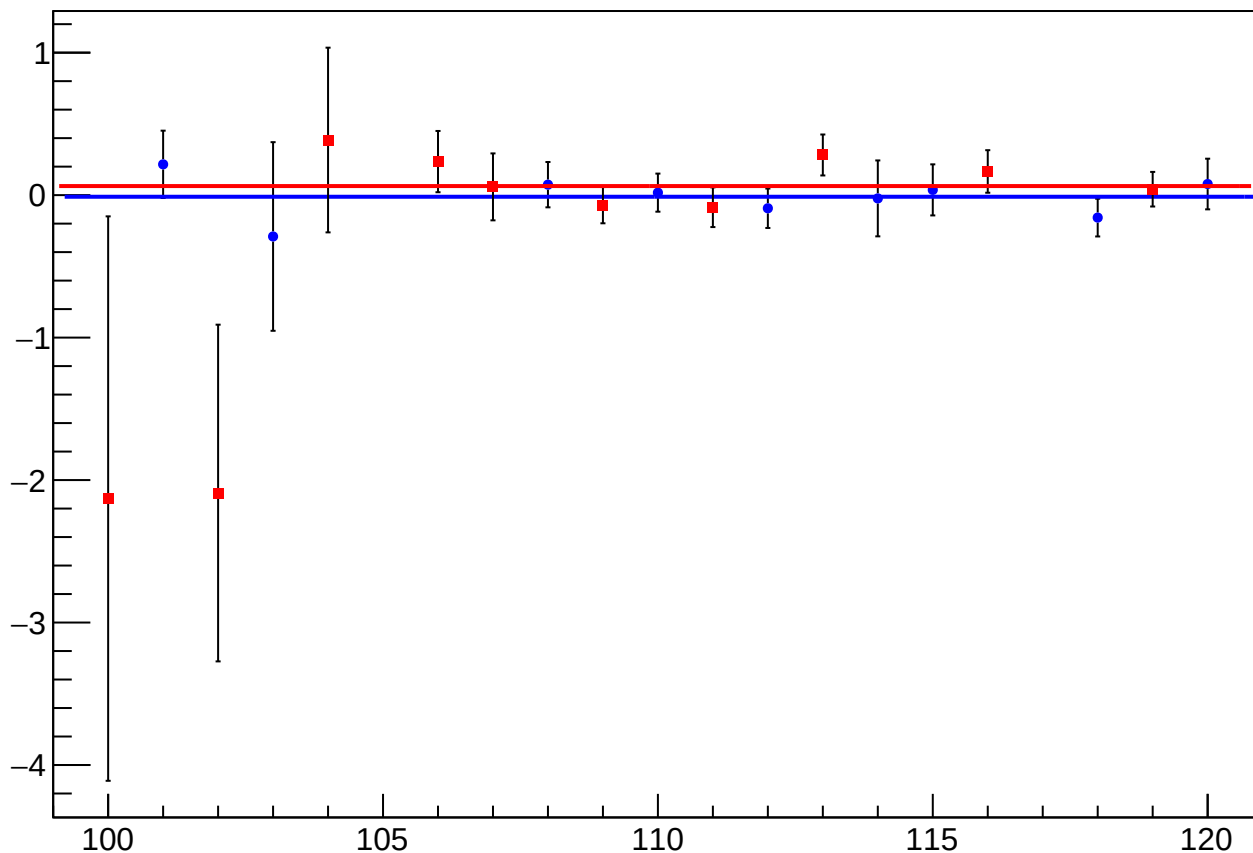
Right: 0.008+/-0.000 χ^2/NDF : 3481950.5/18

In: 0.011+/-0.000 χ^2/NDF : 518709.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 3481950.5/18

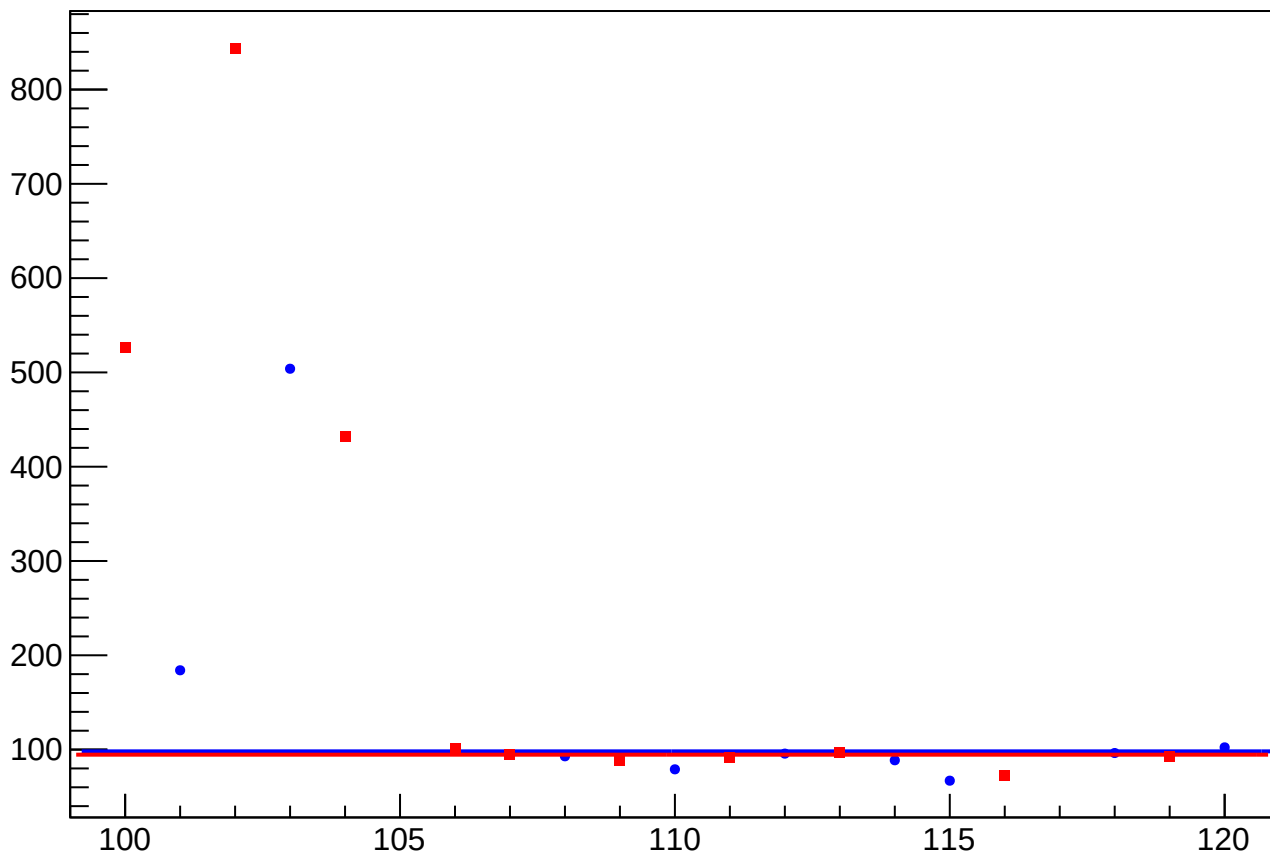
asym_atl_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 $\pm$ 0.058 χ^2 /NDF: 3.3/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.064 $\pm$ 0.056 χ^2 /NDF: 10.5/9
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.027 $\pm$ 0.040 χ^2 /NDF: 14.7/18
 In: -0.011 $\pm$ 0.058 χ^2 /NDF:3.3/8
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.027 $\pm$ 0.040 χ^2 /NDF: 14.7/18

asym_atl_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 98.110 $\pm$ 0.041 χ^2 /NDF: 1123921.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 94.591 $\pm$ 0.040 χ^2 /NDF: 1492348.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

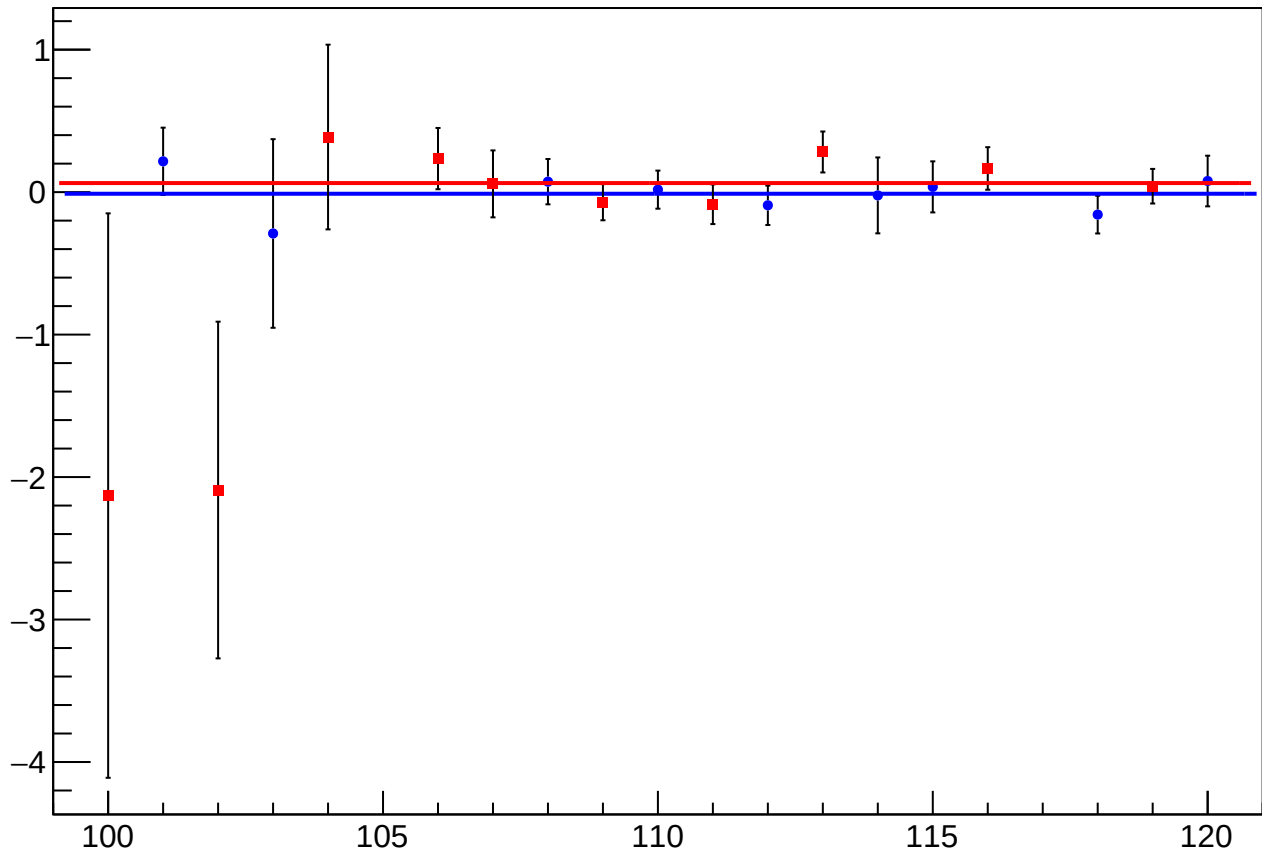
Right: 96.306 $\pm$ 0.028 χ^2 /NDF: 2620101.8/18

In: 98.110 $\pm$ 0.041 χ^2 /NDF:1123921.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 96.306 $\pm$ 0.028 χ^2 /NDF: 2620101.8/18

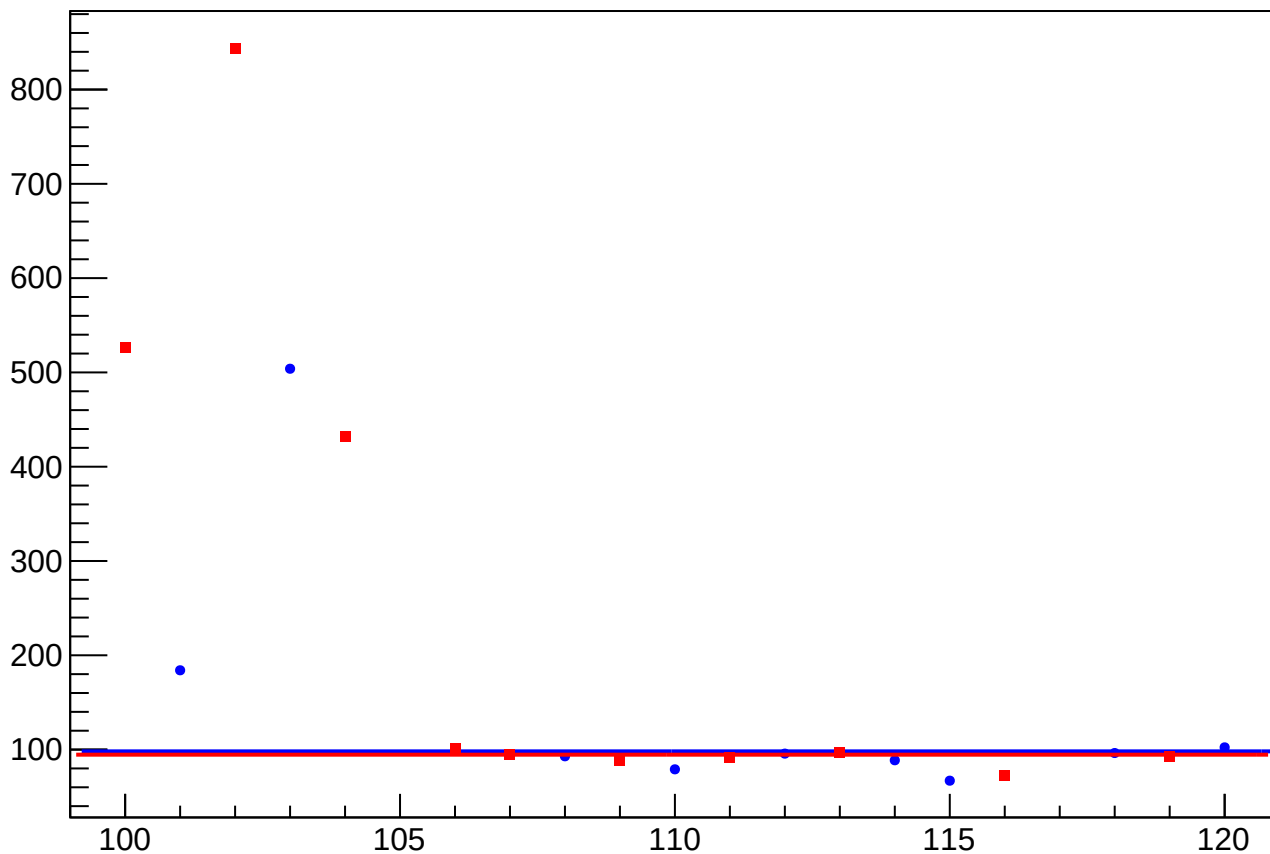
asym_atl_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 ± 0.058 χ^2/NDF : 3.3/8
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: 0.064 ± 0.056 χ^2/NDF : 10.5/9
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: 0.027 ± 0.040 χ^2/NDF : 14.7/18
 In: -0.011 ± 0.058 χ^2/NDF : 3.3/8
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: 0.027 ± 0.040 χ^2/NDF : 14.7/18

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 98.110+/-0.041 χ^2/NDF : 1123921.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.591+/-0.040 χ^2/NDF : 1492348.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

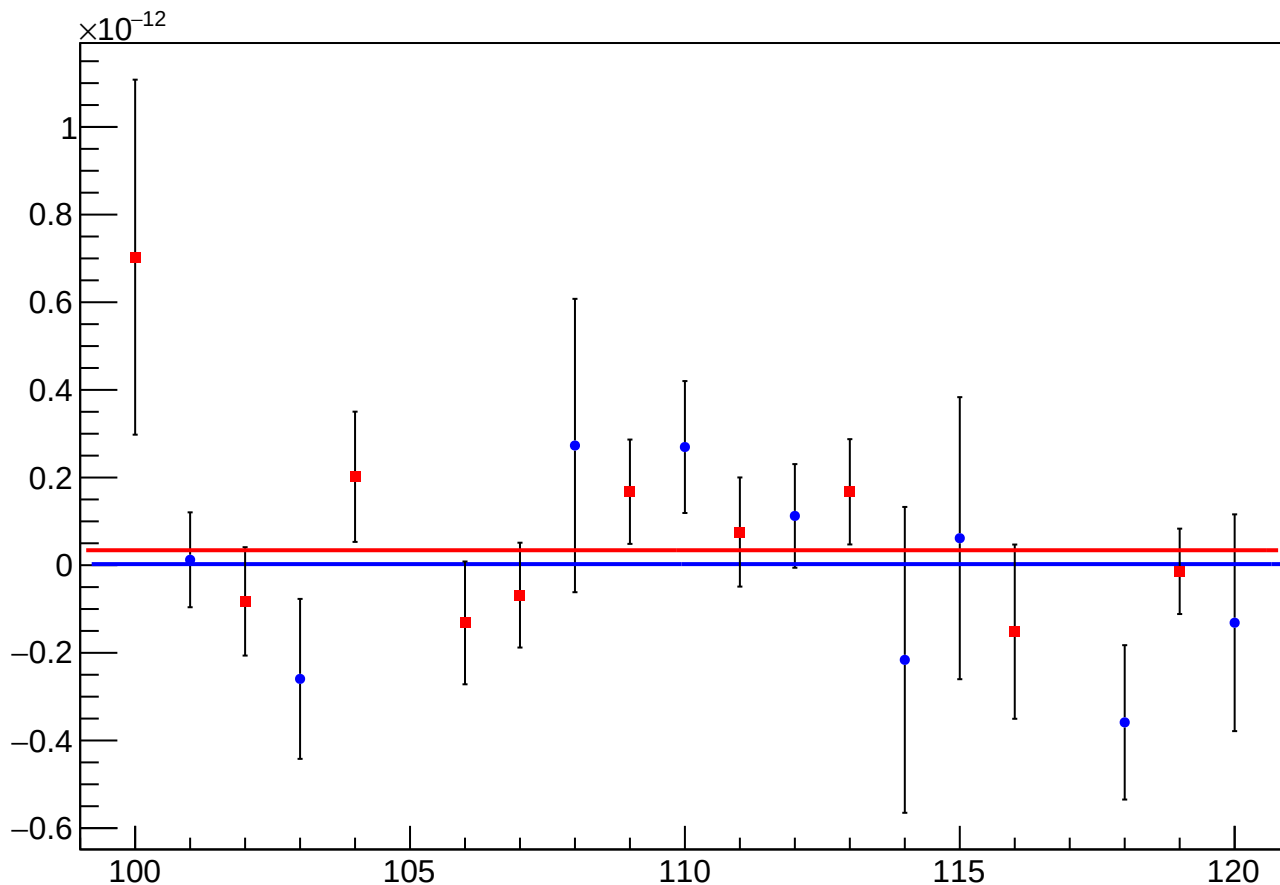
Right: 96.306+/-0.028 χ^2/NDF : 2620101.8/18

In: 98.110+/-0.041 χ^2/NDF : 1123921.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.306+/-0.028 χ^2/NDF : 2620101.8/18

asym_atl_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

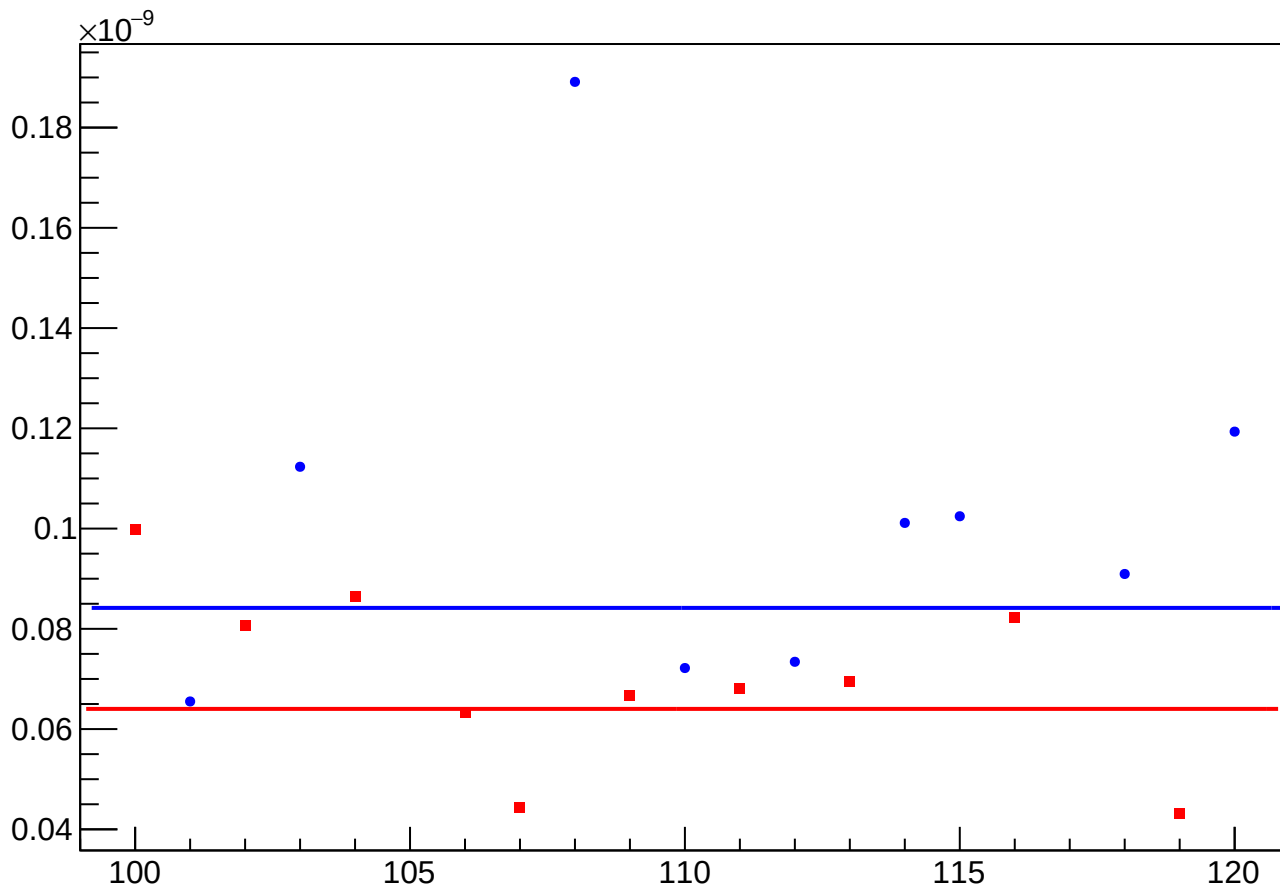
Right: 0.000+/-0.000 χ^2/NDF : 22.6/18

In: 0.000+/-0.000 χ^2/NDF : 11.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.6/18

asym_atl_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 387480.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 267481.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

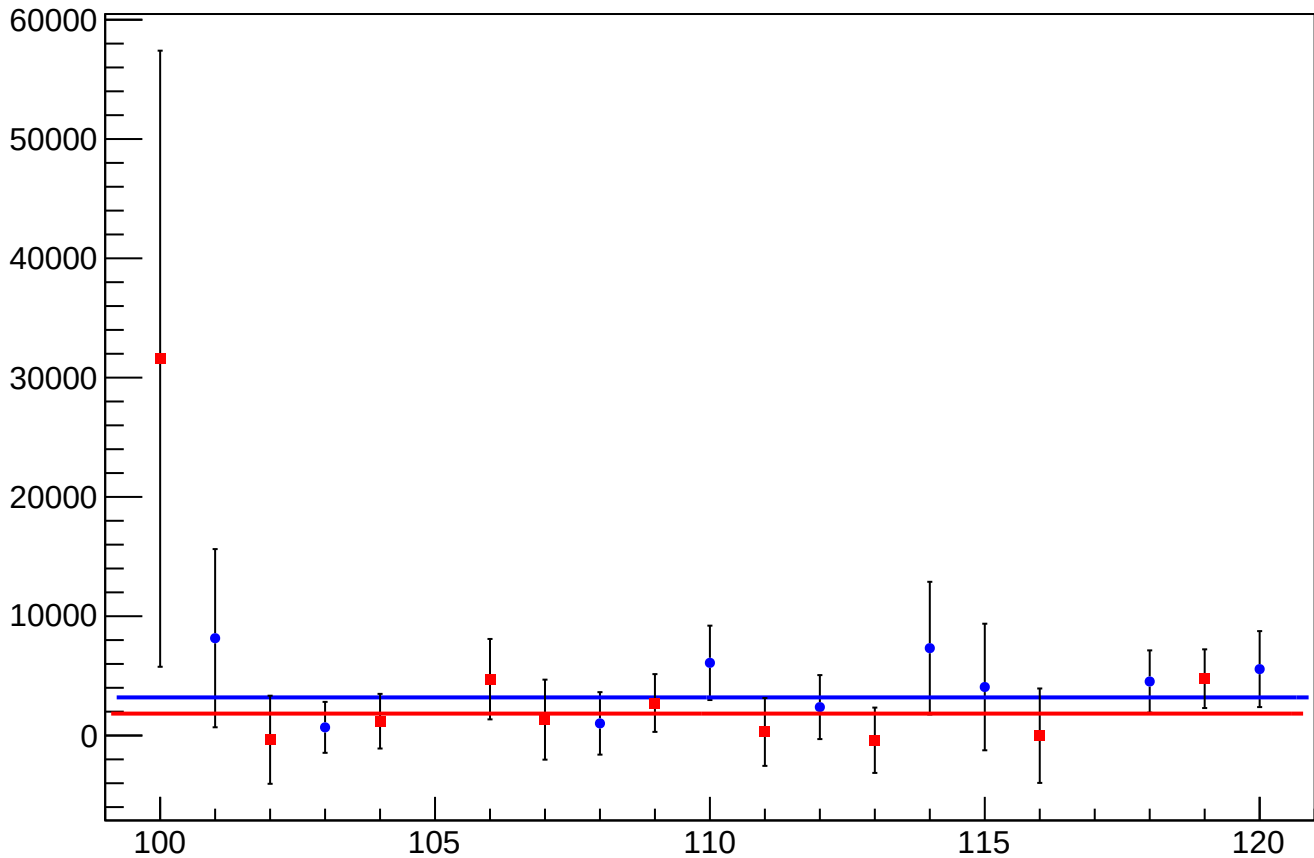
Right: 0.000+/-0.000 χ^2/NDF : 817033.9/18

In: 0.000+/-0.000 χ^2/NDF : 387480.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 817033.9/18

reg_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3195.184+/-1032.204 χ^2 /NDF: 4.9/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1837.005+/-953.850 χ^2 /NDF: 5.2/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

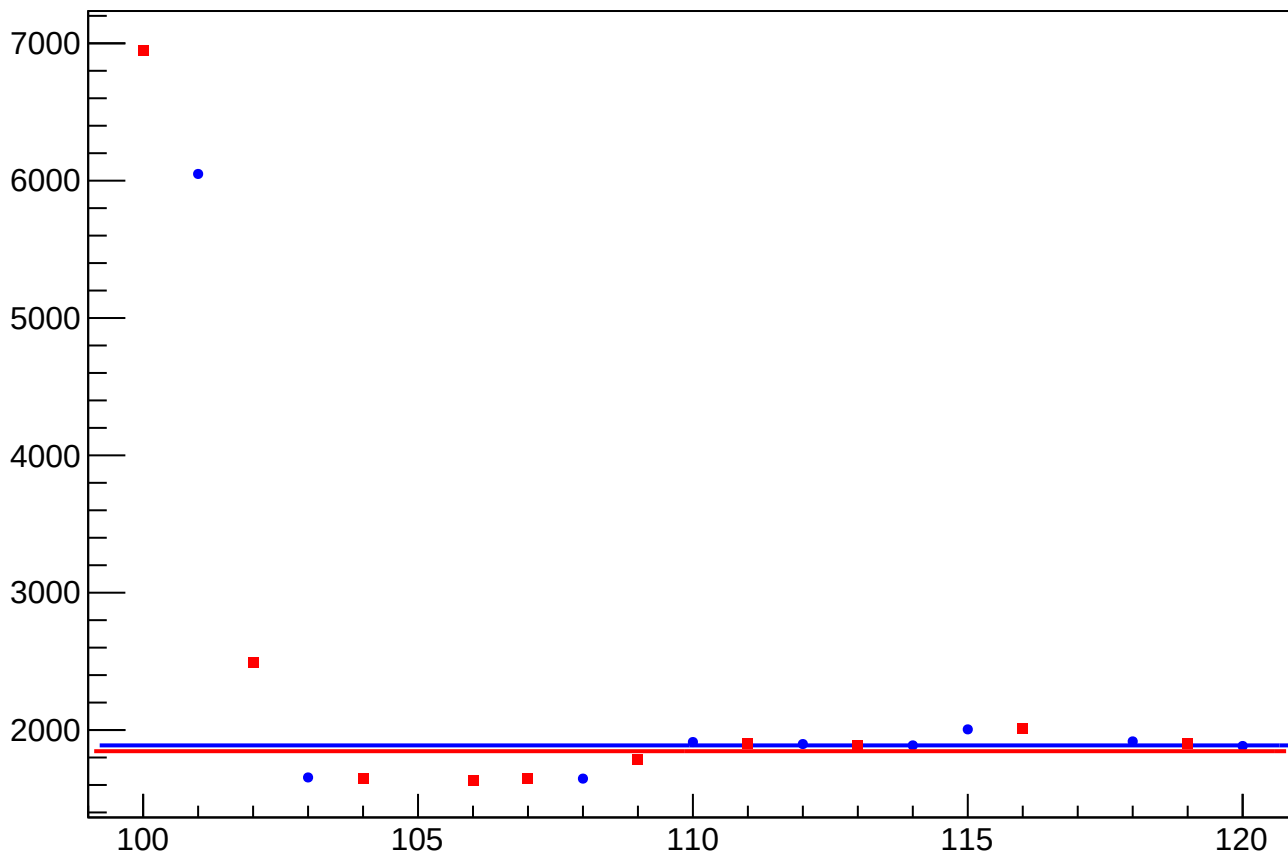
Right: 2462.595+/-700.538 χ^2 /NDF: 11.0/18

In: 3195.184+/-1032.204 χ^2 /NDF:4.9/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2462.595+/-700.538 χ^2 /NDF: 11.0/18

reg_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1888.176+/-0.730 χ^2/NDF : 663034.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1845.968+/-0.670 χ^2/NDF : 176880.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

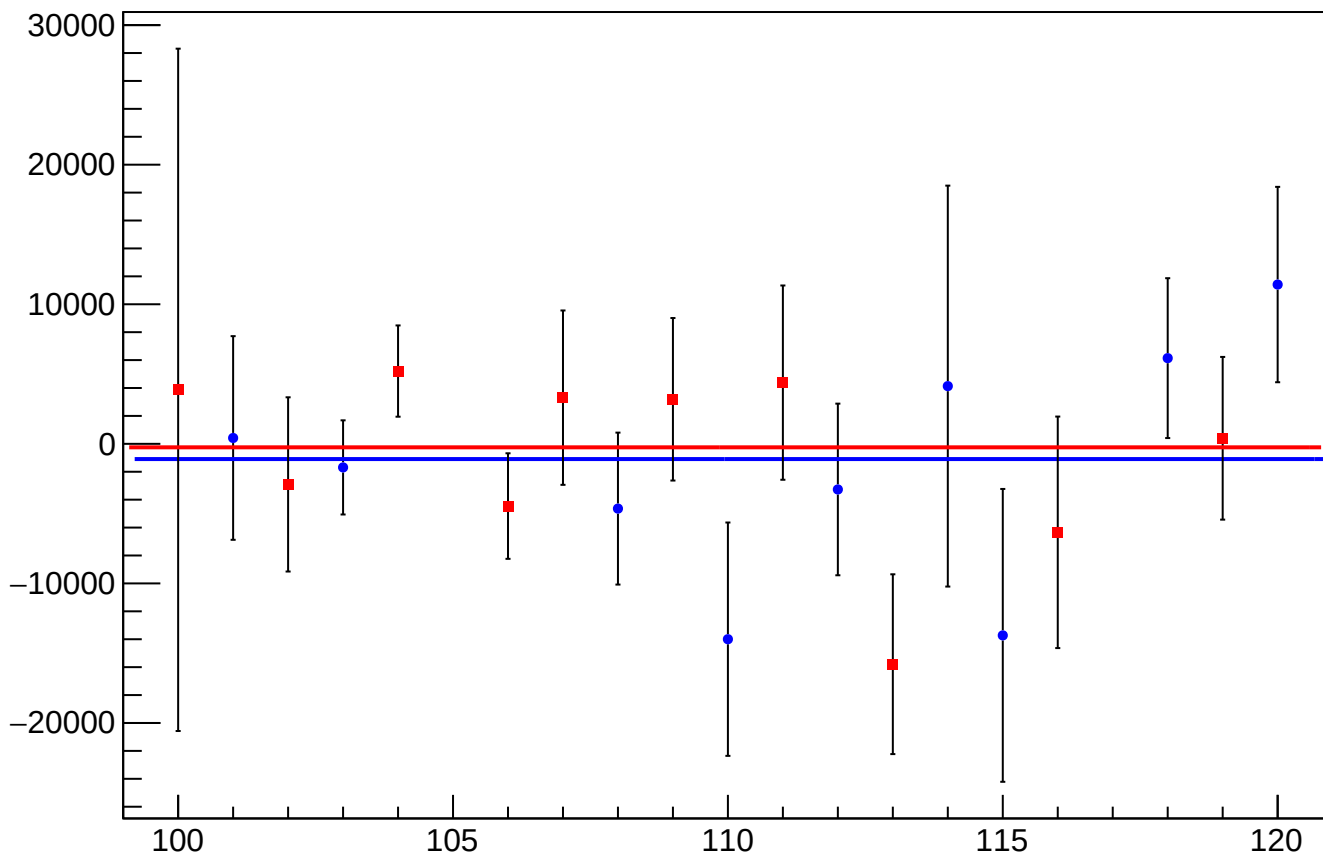
Right: 1865.279+/-0.494 χ^2/NDF : 841729.5/18

In: 1888.176+/-0.730 χ^2/NDF : 663034.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1865.279+/-0.494 χ^2/NDF : 841729.5/18

asym_atr_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1091.066+/-2016.016 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -250.349+/-1728.552 χ^2/NDF : 11.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

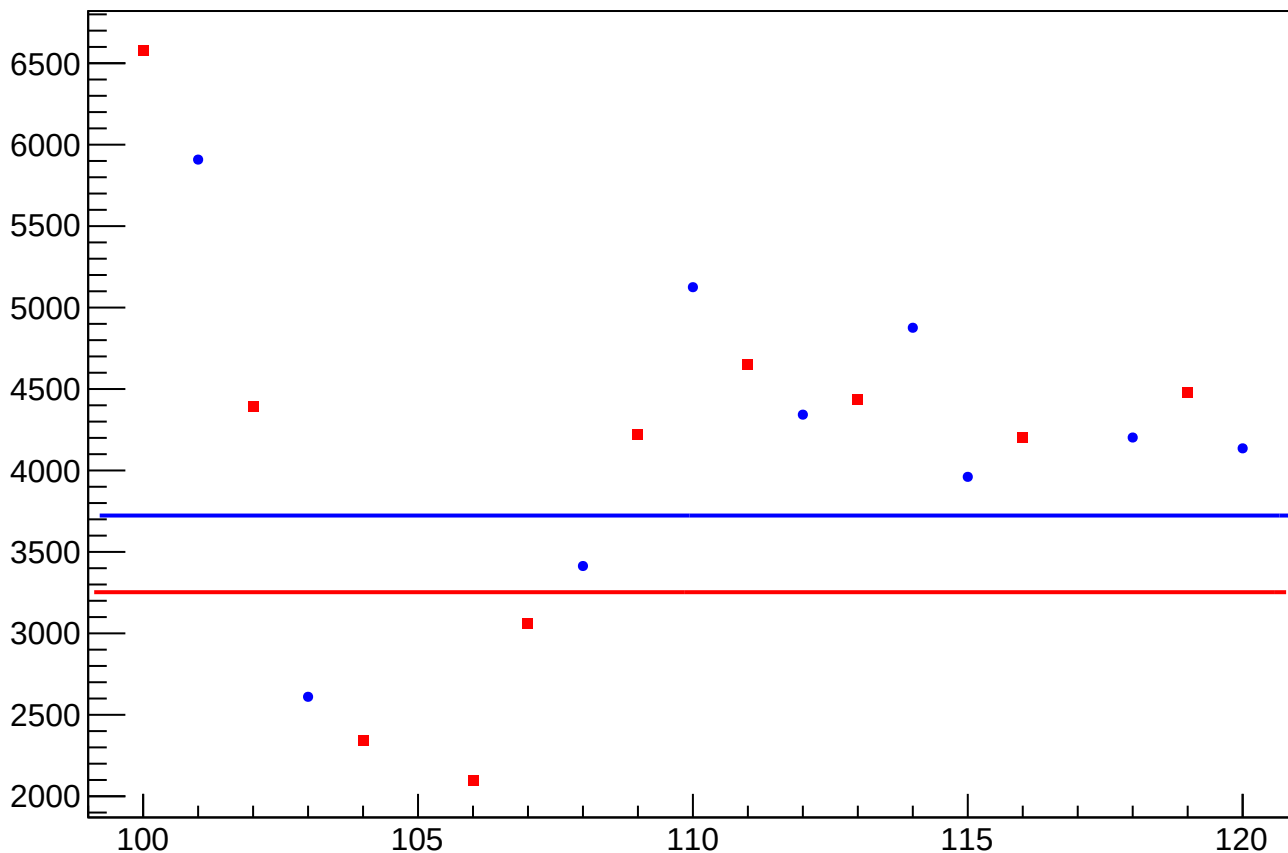
Right: -606.545+/-1312.242 χ^2/NDF : 21.2/18

In: -1091.066+/-2016.016 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -606.545+/-1312.242 χ^2/NDF : 21.2/18

asym_atr_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3723.337+/-1.426 χ^2/NDF : 514940.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3252.749+/-1.222 χ^2/NDF : 766365.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

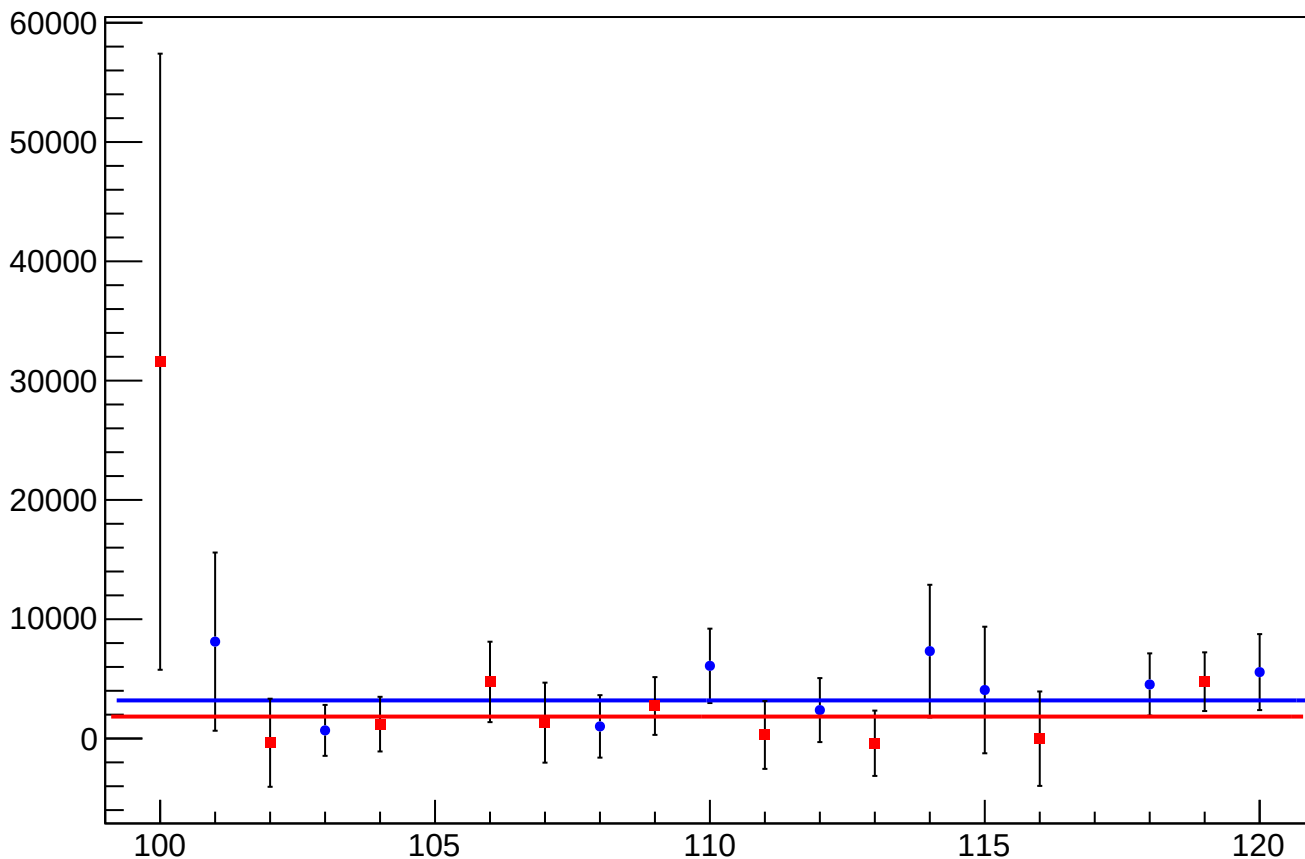
Right: 3452.128+/-0.928 χ^2/NDF : 1344109.2/18

In: 3723.337+/-1.426 χ^2/NDF : 514940.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3452.128+/-0.928 χ^2/NDF : 1344109.2/18

cor_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3193.910+/-1032.205 χ^2/NDF : 4.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1839.176+/-953.860 χ^2/NDF : 5.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

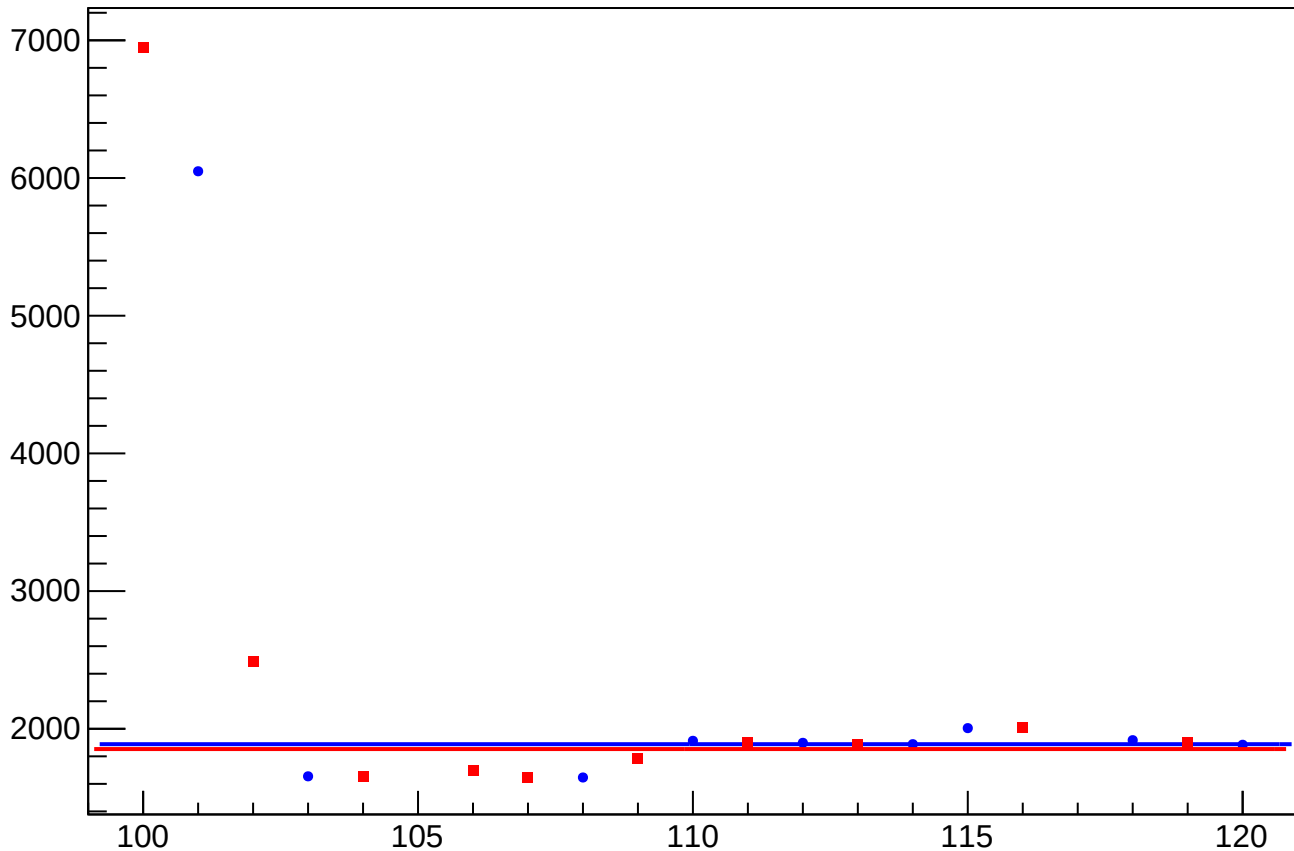
Right: 2463.185+/-700.543 χ^2/NDF : 11.0/18

In: 3193.910+/-1032.205 χ^2/NDF : 4.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2463.185+/-700.543 χ^2/NDF : 11.0/18

cor_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1888.177+/-0.730 χ^2/NDF : 663033.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1852.819+/-0.673 χ^2/NDF : 171753.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

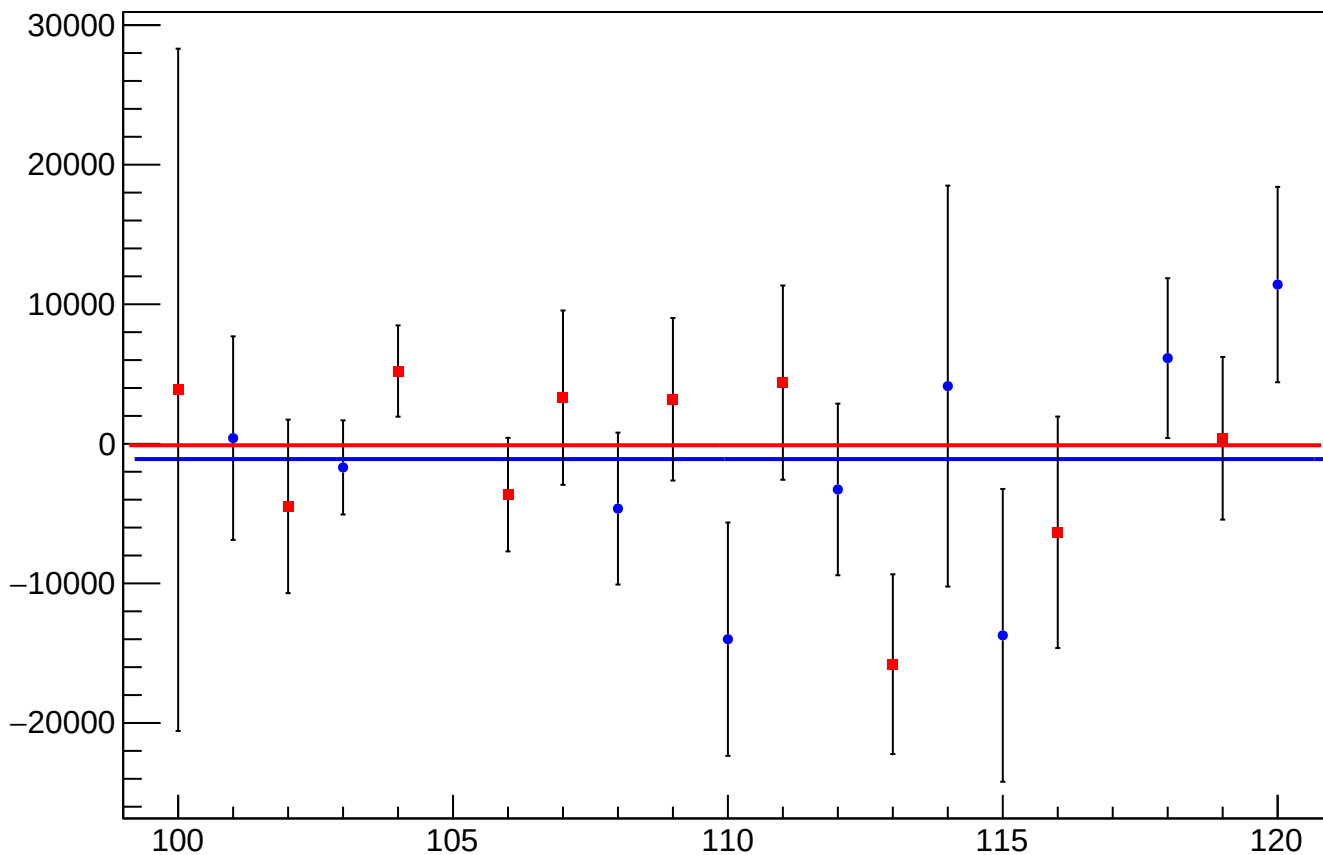
Right: 1869.055+/-0.495 χ^2/NDF : 836056.6/18

In: 1888.177+/-0.730 χ^2/NDF : 663033.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1869.055+/-0.495 χ^2/NDF : 836056.6/18

asym_atr_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1091.658+/-2016.024 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -101.246+/-1753.170 χ^2/NDF : 11.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

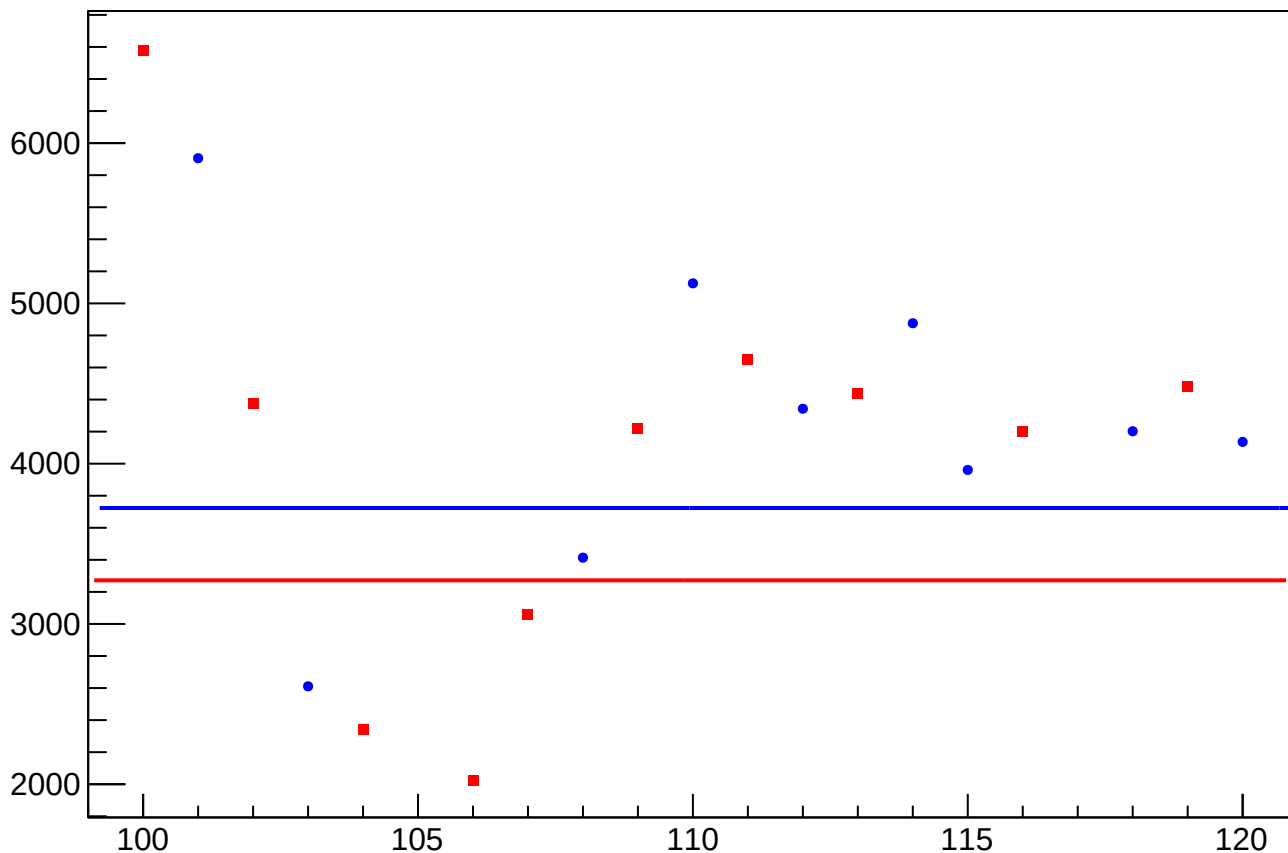
Right: -527.717+/-1322.917 χ^2/NDF : 21.0/18

In: -1091.658+/-2016.024 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -527.717+/-1322.917 χ^2/NDF : 21.0/18

asym_atr_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3723.488+/-1.426 χ^2/NDF : 514495.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3272.108+/-1.240 χ^2/NDF : 759756.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

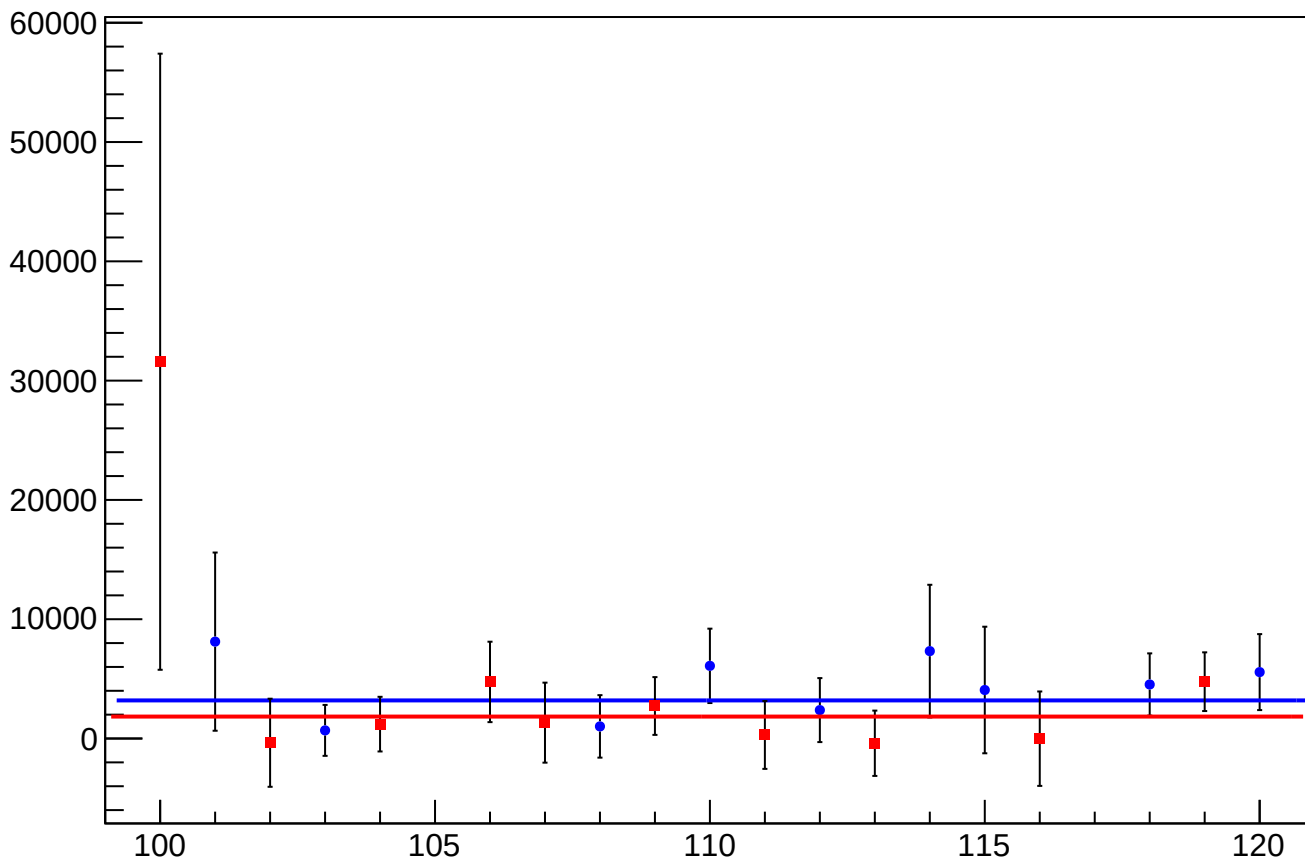
Right: 3466.473+/-0.935 χ^2/NDF : 1331339.8/18

In: 3723.488+/-1.426 χ^2/NDF : 514495.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3466.473+/-0.935 χ^2/NDF : 1331339.8/18

eigen_cor_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3193.910+/-1032.205 χ^2/NDF : 4.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1839.176+/-953.860 χ^2/NDF : 5.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

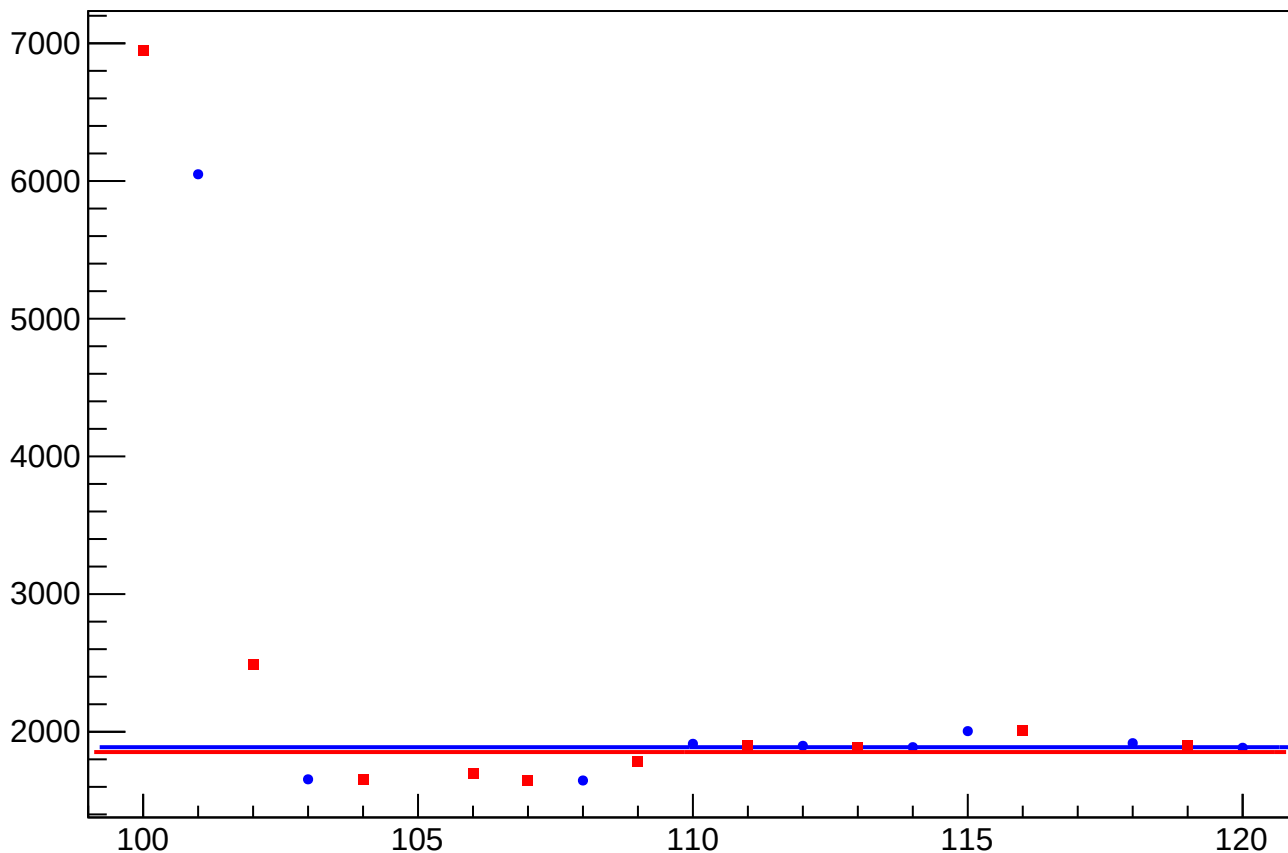
Right: 2463.185+/-700.543 χ^2/NDF : 11.0/18

In: 3193.910+/-1032.205 χ^2/NDF : 4.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2463.185+/-700.543 χ^2/NDF : 11.0/18

eigen_cor_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1888.177+/-0.730 χ^2/NDF : 663033.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1852.819+/-0.673 χ^2/NDF : 171753.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

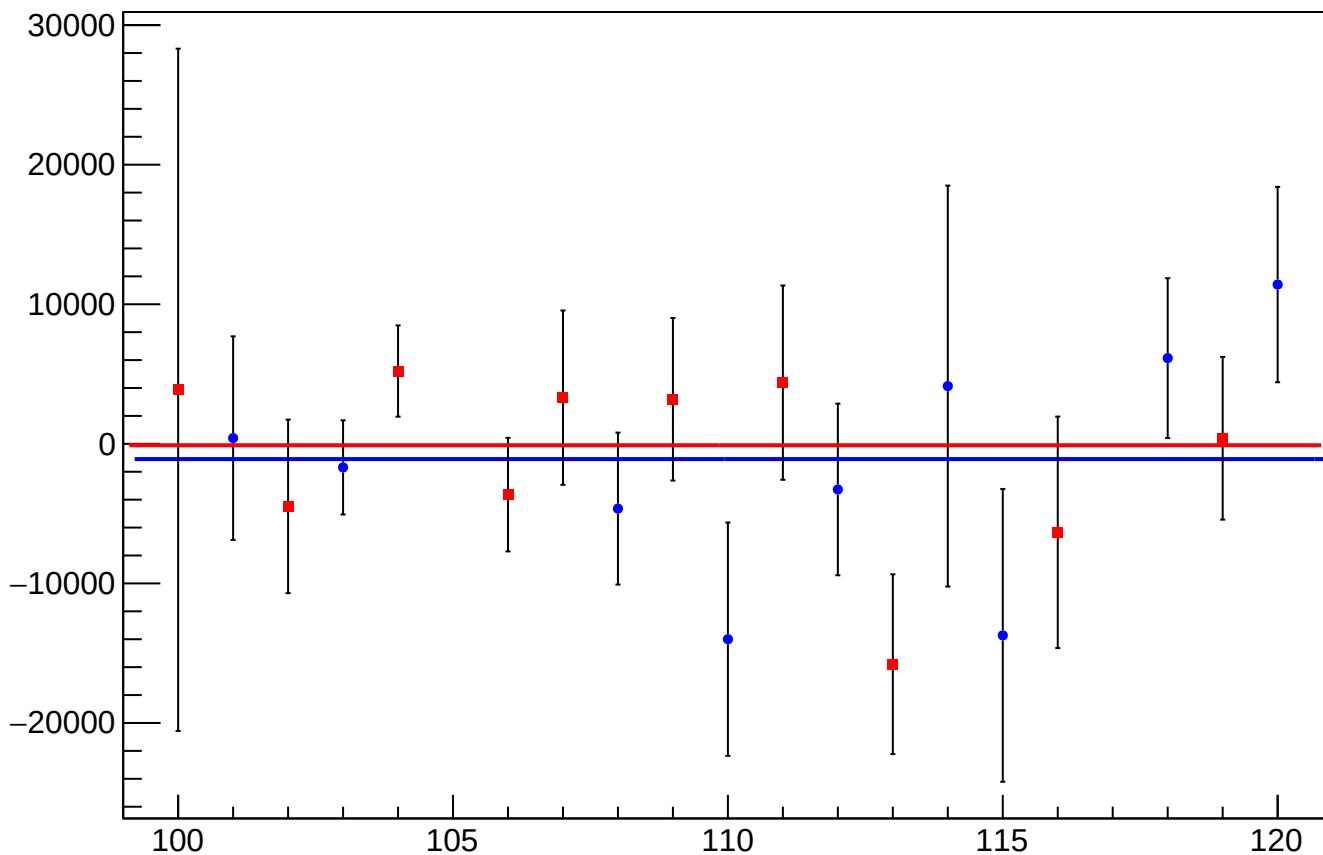
Right: 1869.055+/-0.495 χ^2/NDF : 836056.6/18

In: 1888.177+/-0.730 χ^2/NDF : 663033.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1869.055+/-0.495 χ^2/NDF : 836056.6/18

asym_atr_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1091.658+/-2016.024 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -101.246+/-1753.170 χ^2/NDF : 11.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

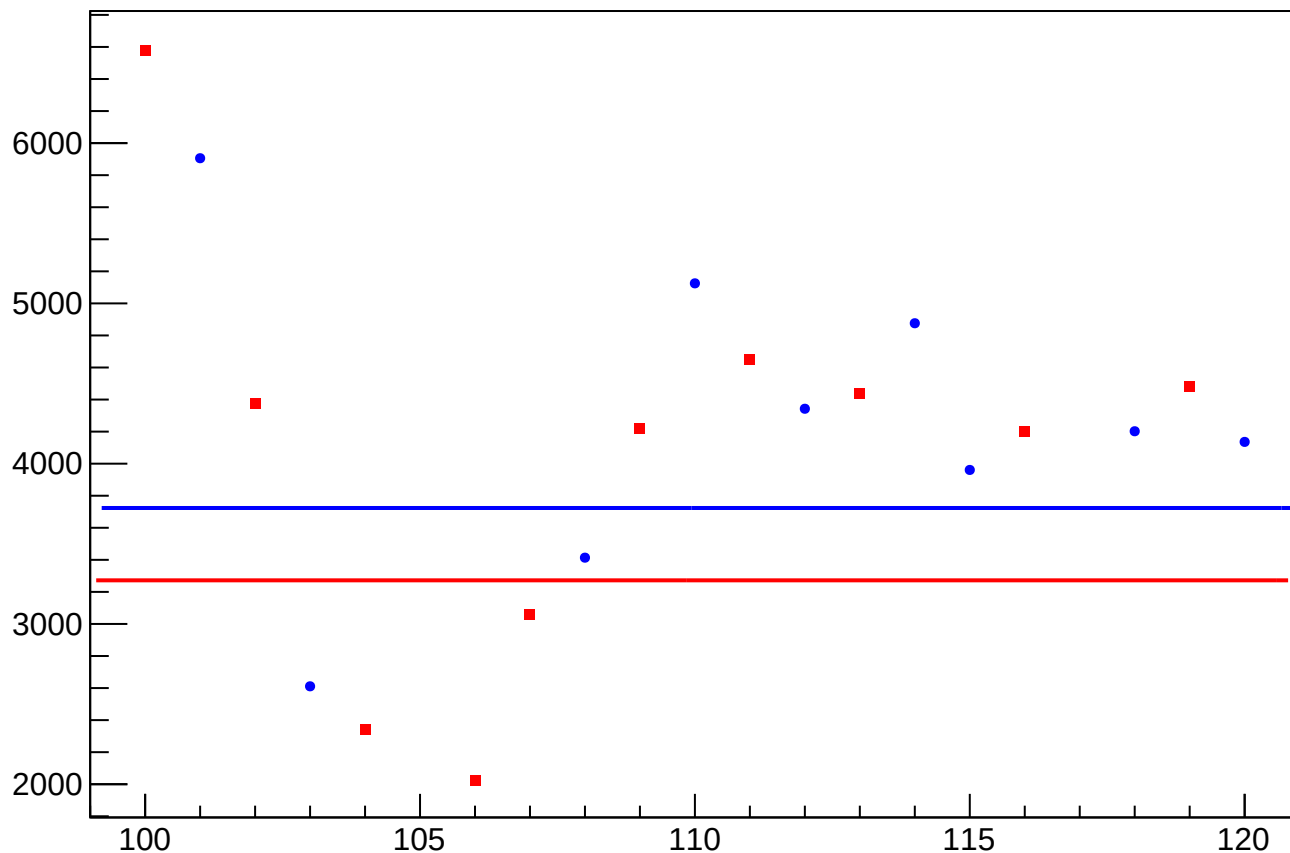
Right: -527.717+/-1322.917 χ^2/NDF : 21.0/18

In: -1091.658+/-2016.024 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -527.717+/-1322.917 χ^2/NDF : 21.0/18

asym_atr_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3723.488+/-1.426 χ^2/NDF : 514495.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3272.108+/-1.240 χ^2/NDF : 759756.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

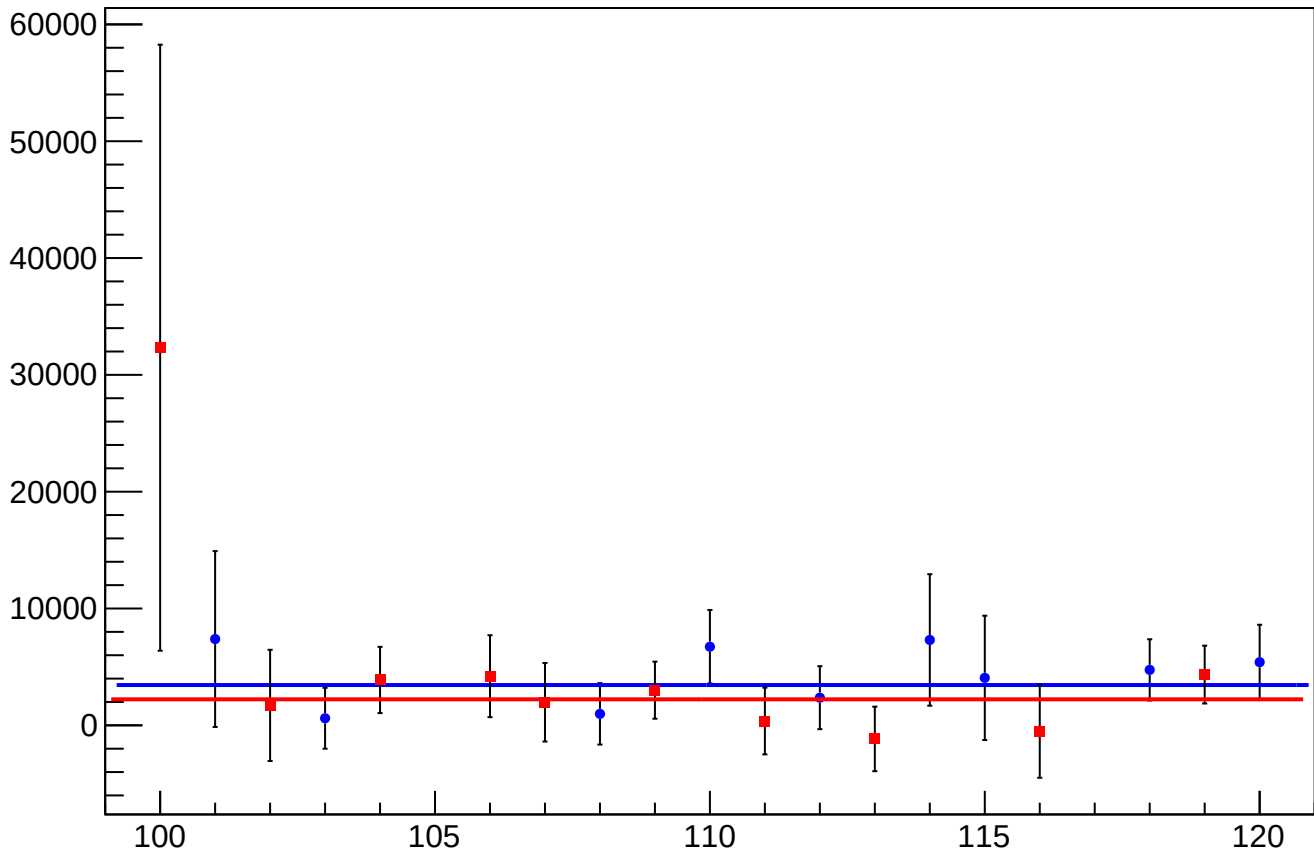
Right: 3466.473+/-0.935 χ^2/NDF : 1331339.8/18

In: 3723.488+/-1.426 χ^2/NDF : 514495.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3466.473+/-0.935 χ^2/NDF : 1331339.8/18

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3450.044+/-1079.363 χ^2/NDF : 4.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2226.715+/-1006.574 χ^2/NDF : 5.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

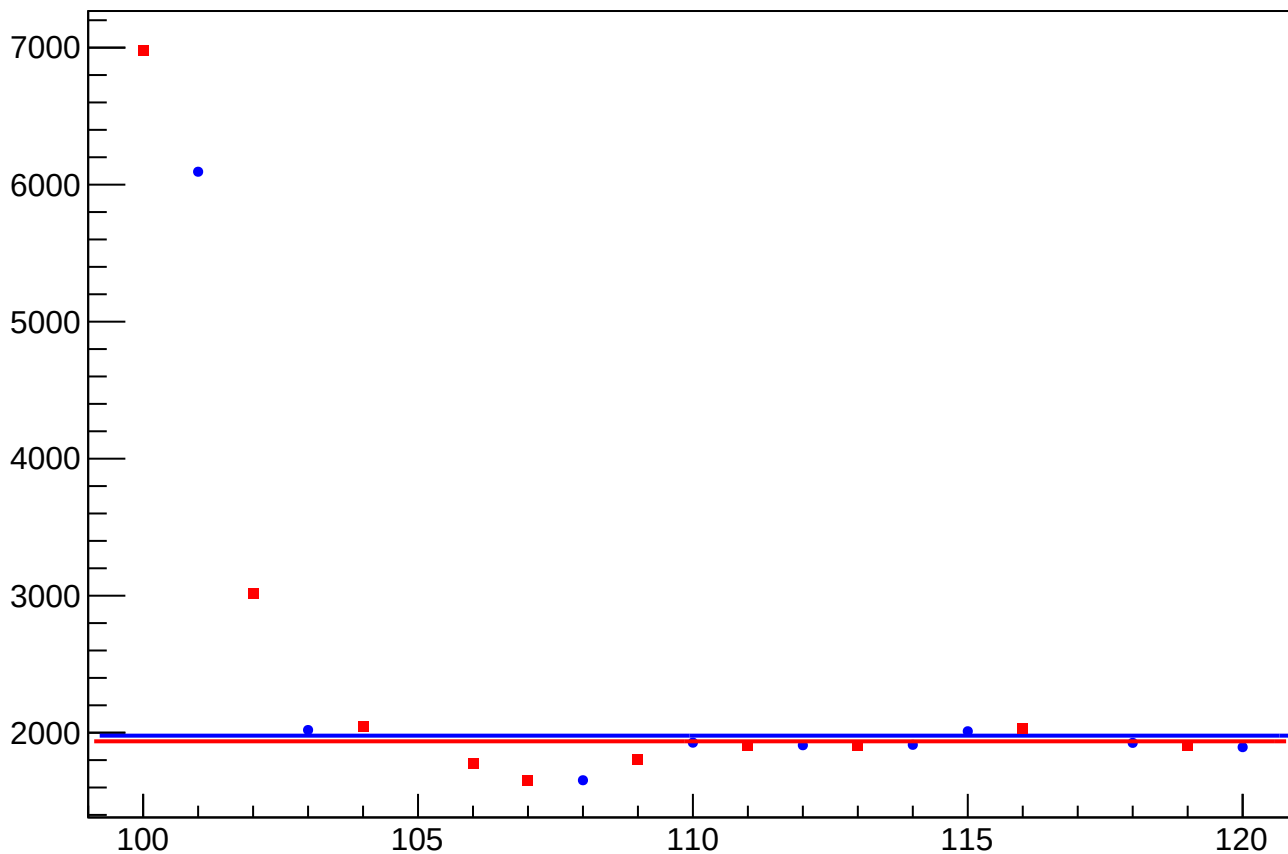
Right: 2795.743+/-736.144 χ^2/NDF : 10.6/18

In: 3450.044+/-1079.363 χ^2/NDF : 4.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2795.743+/-736.144 χ^2/NDF : 10.6/18

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1978.522+/-0.763 χ^2/NDF : 633467.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1937.174+/-0.711 χ^2/NDF : 208502.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

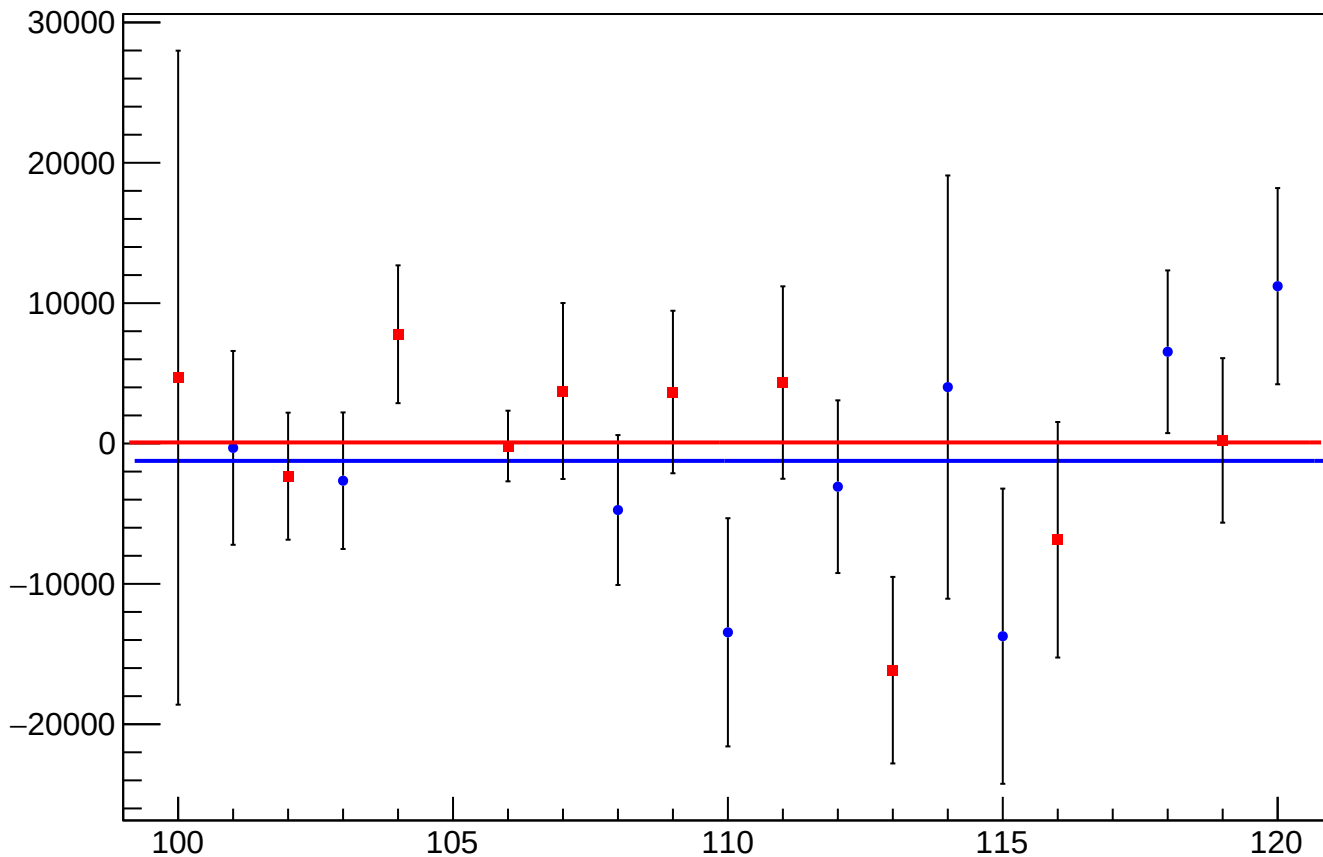
Right: 1956.373+/-0.520 χ^2/NDF : 843541.9/18

In: 1978.522+/-0.763 χ^2/NDF : 633467.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1956.373+/-0.520 χ^2/NDF : 843541.9/18

asym_atr_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1237.755+/-2216.596 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.491+/-1595.925 χ^2/NDF : 10.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

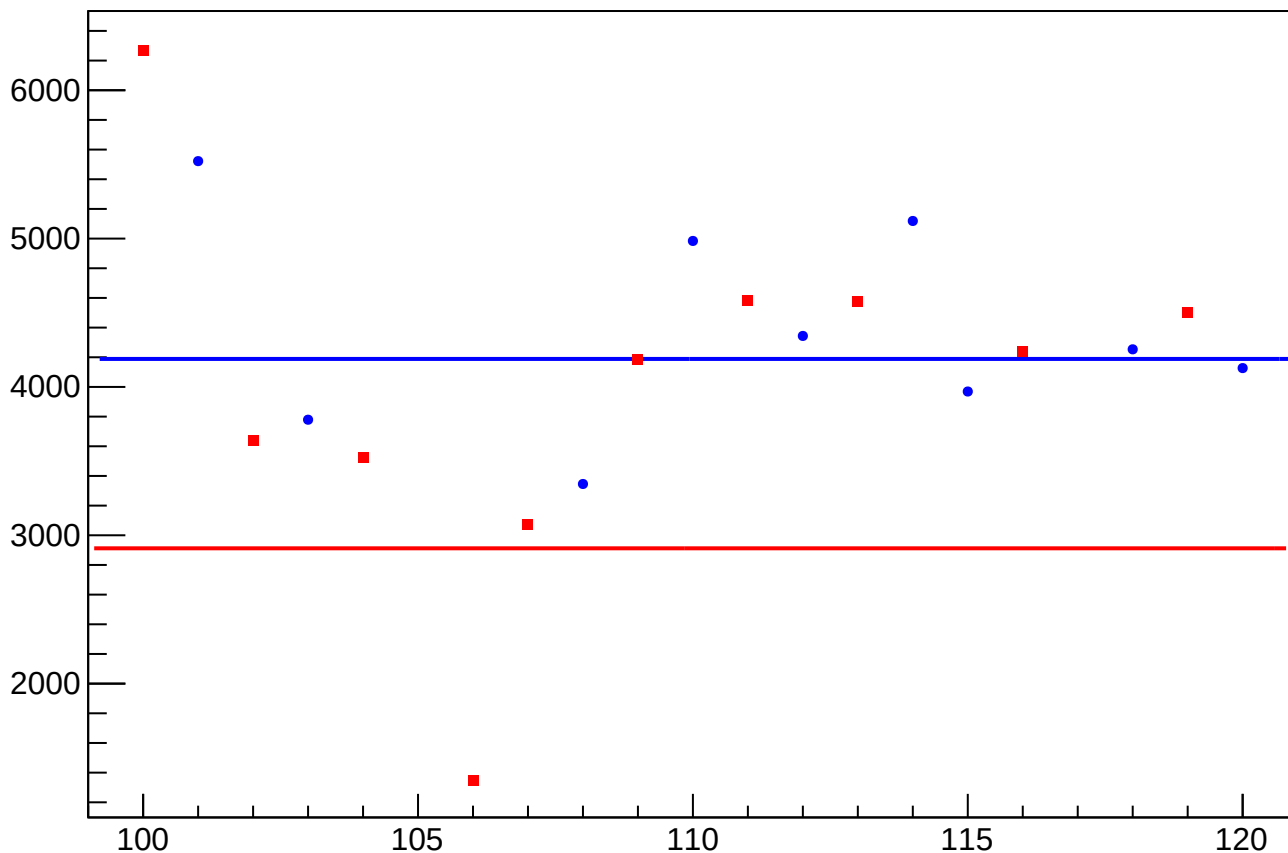
Right: -372.199+/-1295.155 χ^2/NDF : 20.2/18

In: -1237.755+/-2216.596 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -372.199+/-1295.155 χ^2/NDF : 20.2/18

asym_atr_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4188.755+/-1.567 χ^2/NDF : 167927.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2912.130+/-1.128 χ^2/NDF : 1436564.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

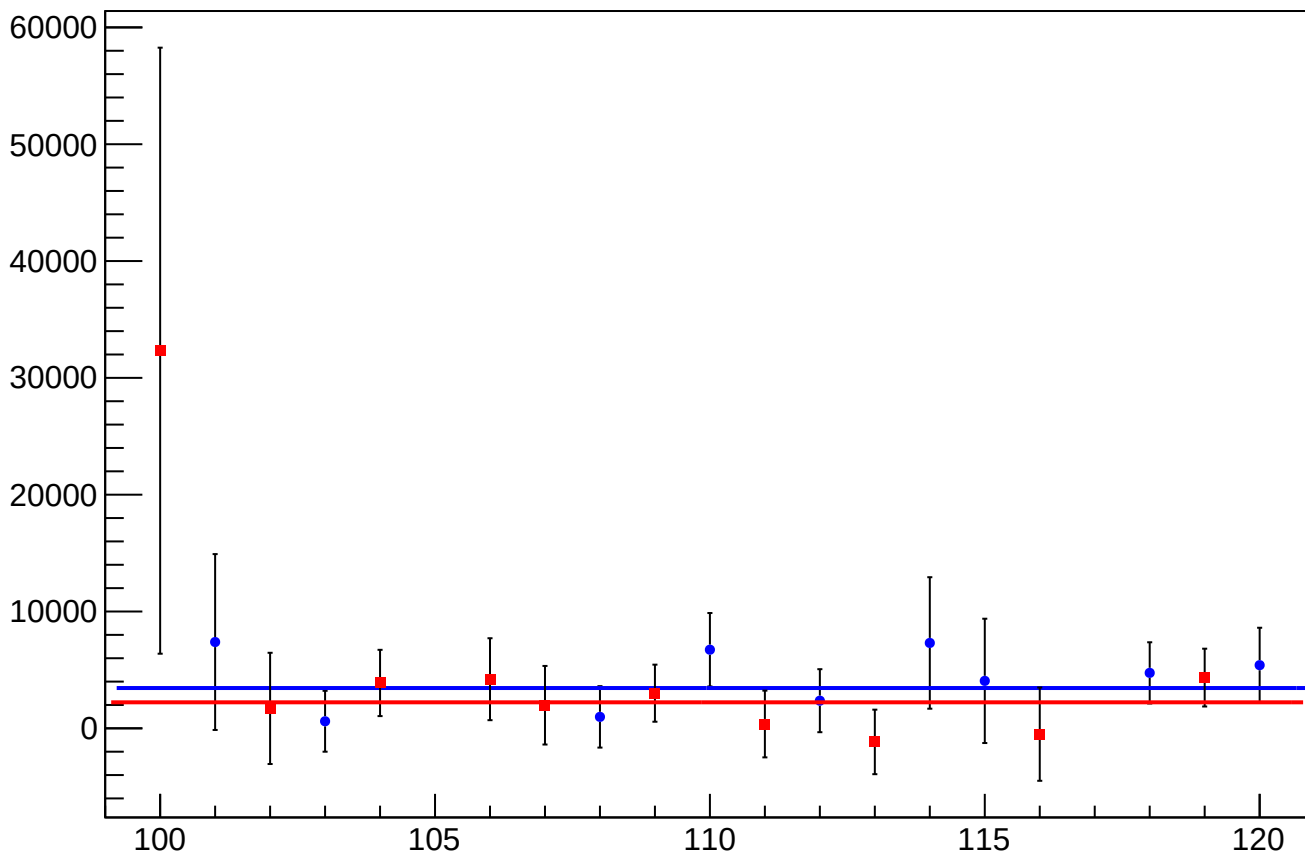
Right: 3347.977+/-0.916 χ^2/NDF : 2041411.8/18

In: 4188.755+/-1.567 χ^2/NDF : 167927.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3347.977+/-0.916 χ^2/NDF : 2041411.8/18

eigen_dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3450.039+/-1079.363 χ^2/NDF : 4.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2226.719+/-1006.574 χ^2/NDF : 5.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

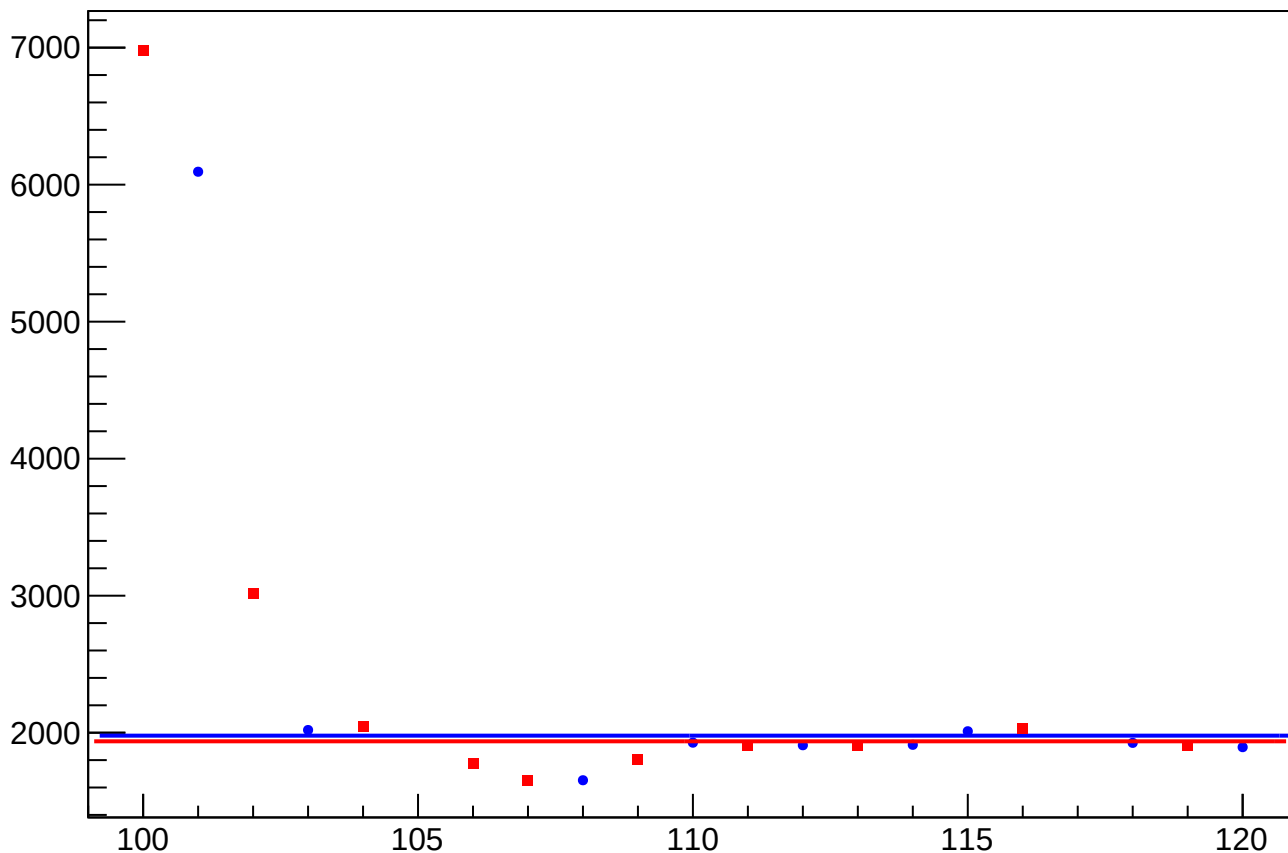
Right: 2795.744+/-736.144 χ^2/NDF : 10.6/18

In: 3450.039+/-1079.363 χ^2/NDF : 4.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2795.744+/-736.144 χ^2/NDF : 10.6/18

eigen_dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1978.521+/-0.763 χ^2/NDF : 633467.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1937.173+/-0.711 χ^2/NDF : 208502.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

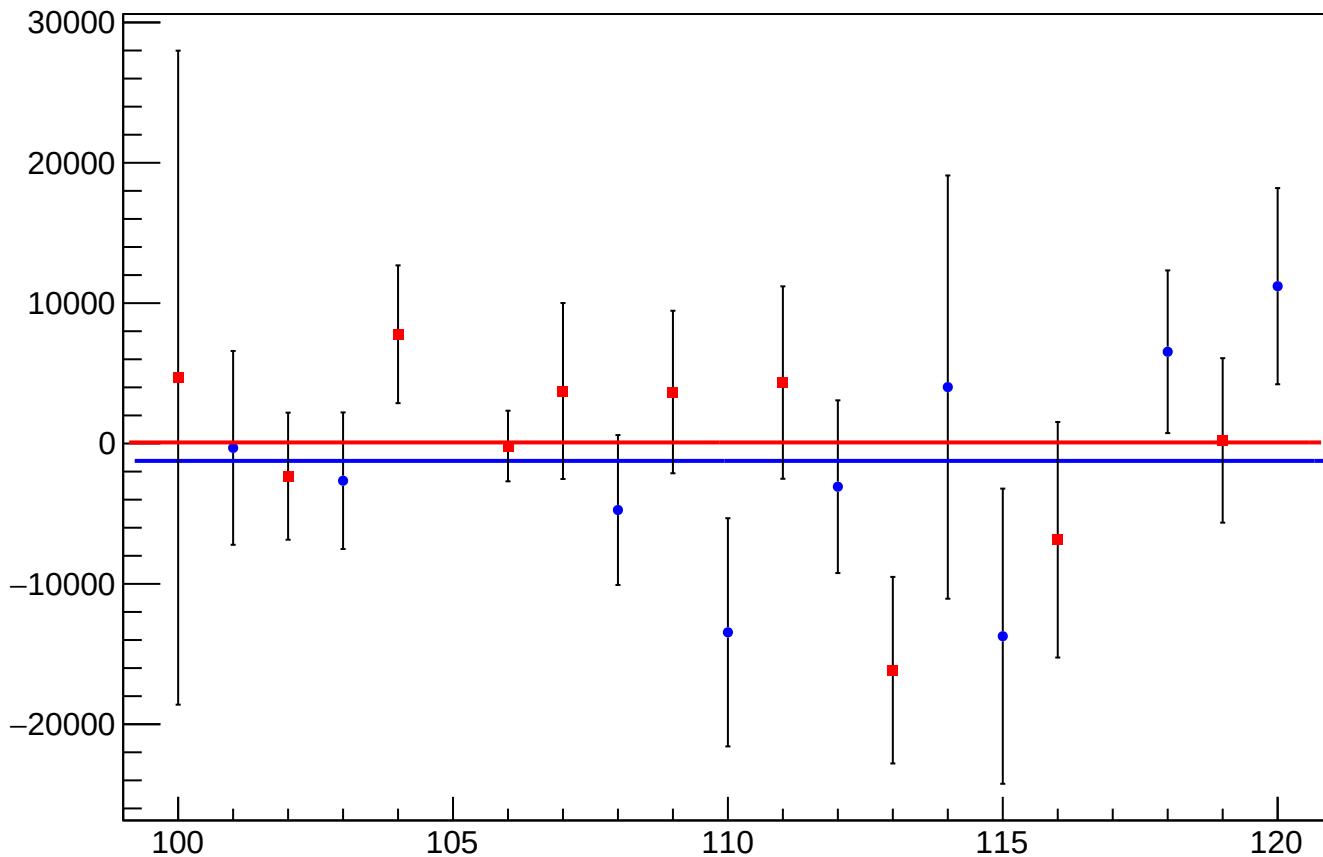
Right: 1956.372+/-0.520 χ^2/NDF : 843541.5/18

In: 1978.521+/-0.763 χ^2/NDF : 633467.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1956.372+/-0.520 χ^2/NDF : 843541.5/18

asym_atr_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1237.746+/-2216.592 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.488+/-1595.922 χ^2/NDF : 10.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

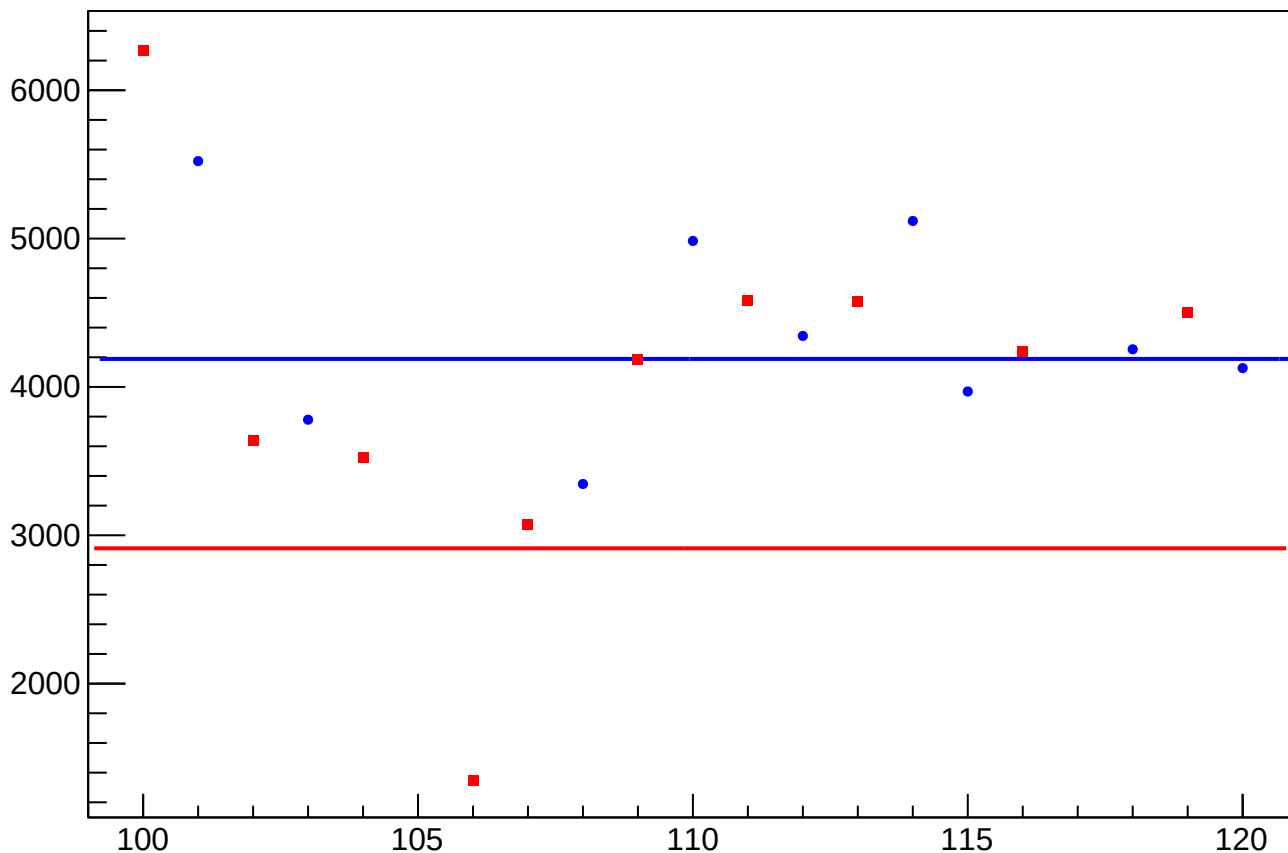
Right: -372.198+/-1295.152 χ^2/NDF : 20.2/18

In: -1237.746+/-2216.592 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -372.198+/-1295.152 χ^2/NDF : 20.2/18

asym_atr_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4188.748+/-1.567 χ^2/NDF : 167925.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2912.123+/-1.128 χ^2/NDF : 1436568.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

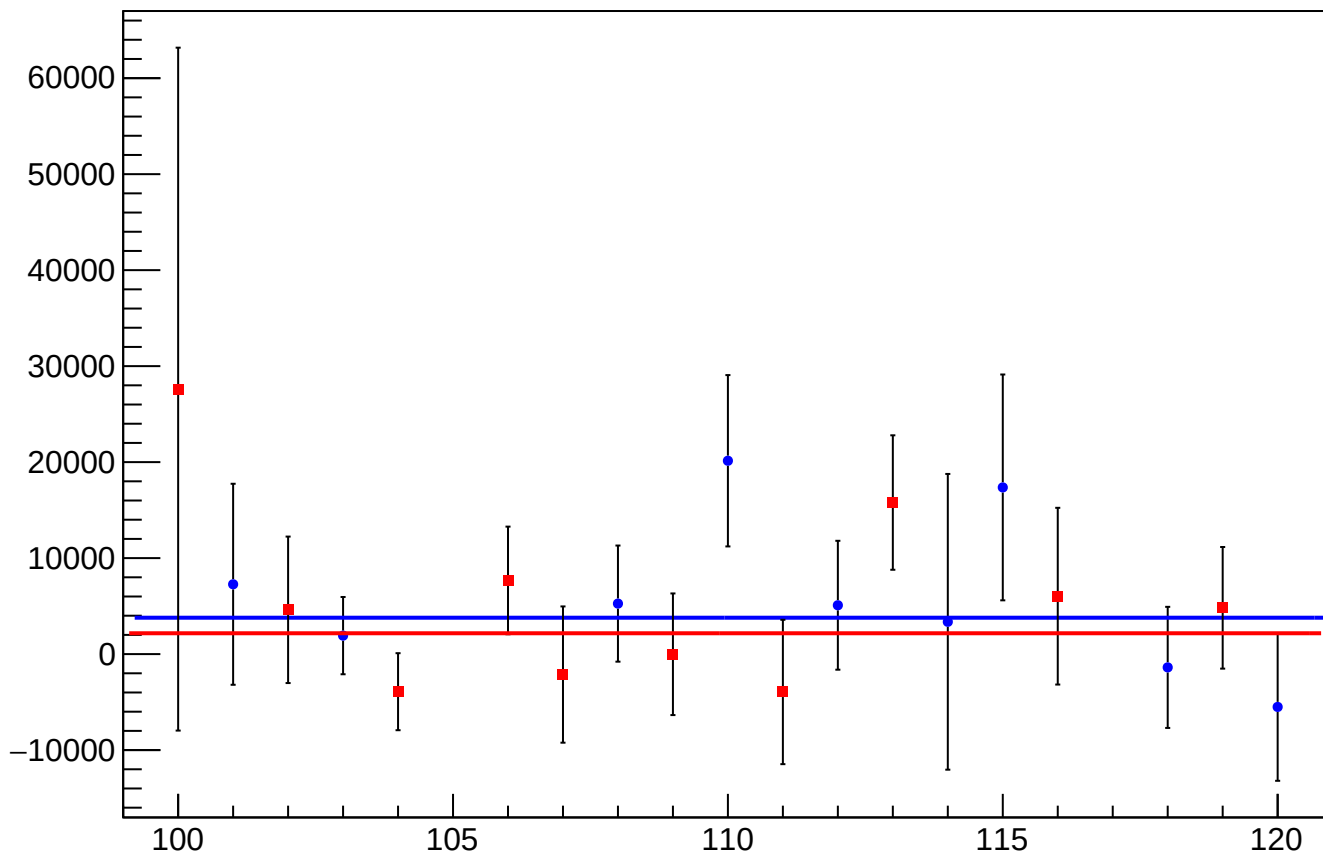
Right: 3347.969+/-0.916 χ^2/NDF : 2041415.6/18

In: 4188.748+/-1.567 χ^2/NDF : 167925.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3347.969+/-0.916 χ^2/NDF : 2041415.6/18

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3790.825+/-2316.373 χ^2/NDF : 7.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2171.008+/-2078.629 χ^2/NDF : 9.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

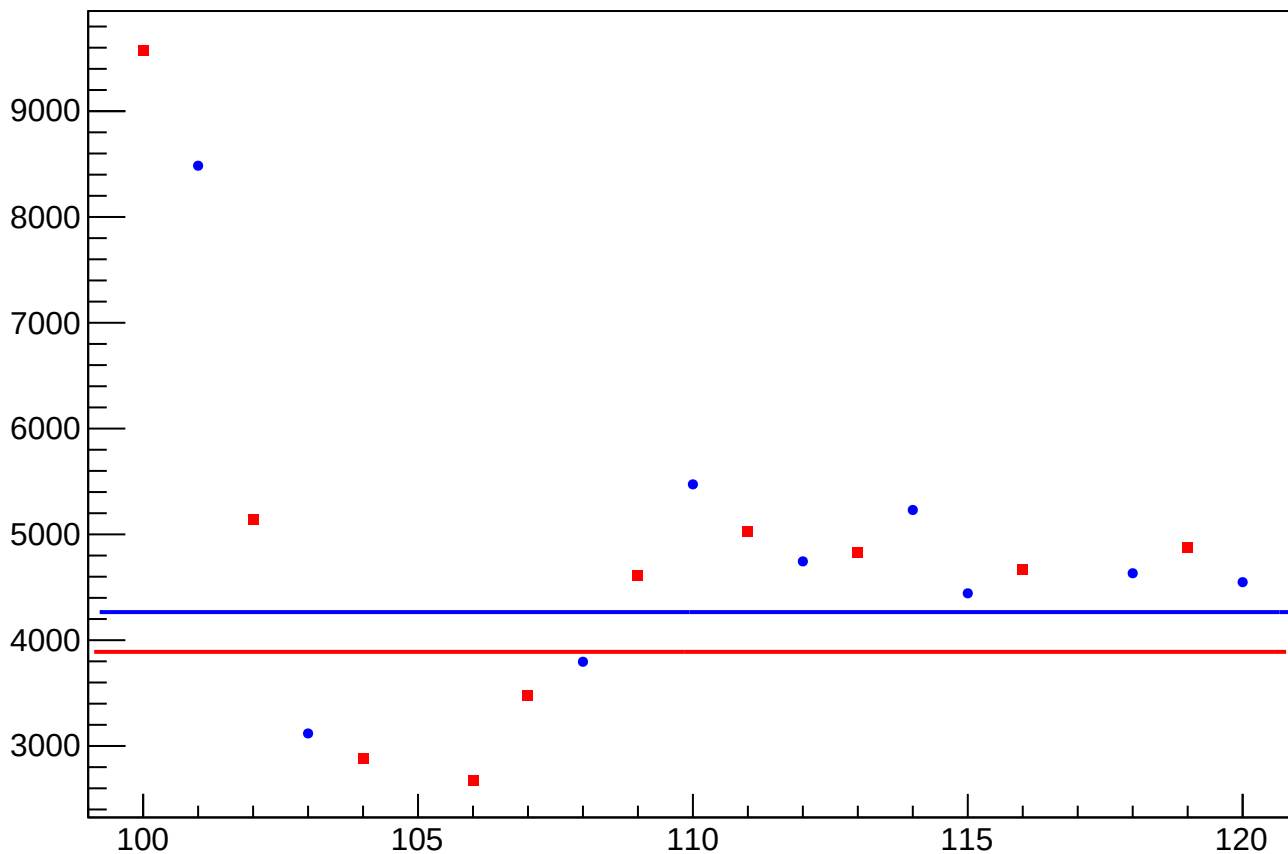
Right: 2893.549+/-1547.059 χ^2/NDF : 16.7/18

In: 3790.825+/-2316.373 χ^2/NDF : 7.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2893.549+/-1547.059 χ^2/NDF : 16.7/18

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4265.524+/-1.638 χ^2/NDF : 563771.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3889.702+/-1.450 χ^2/NDF : 519812.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

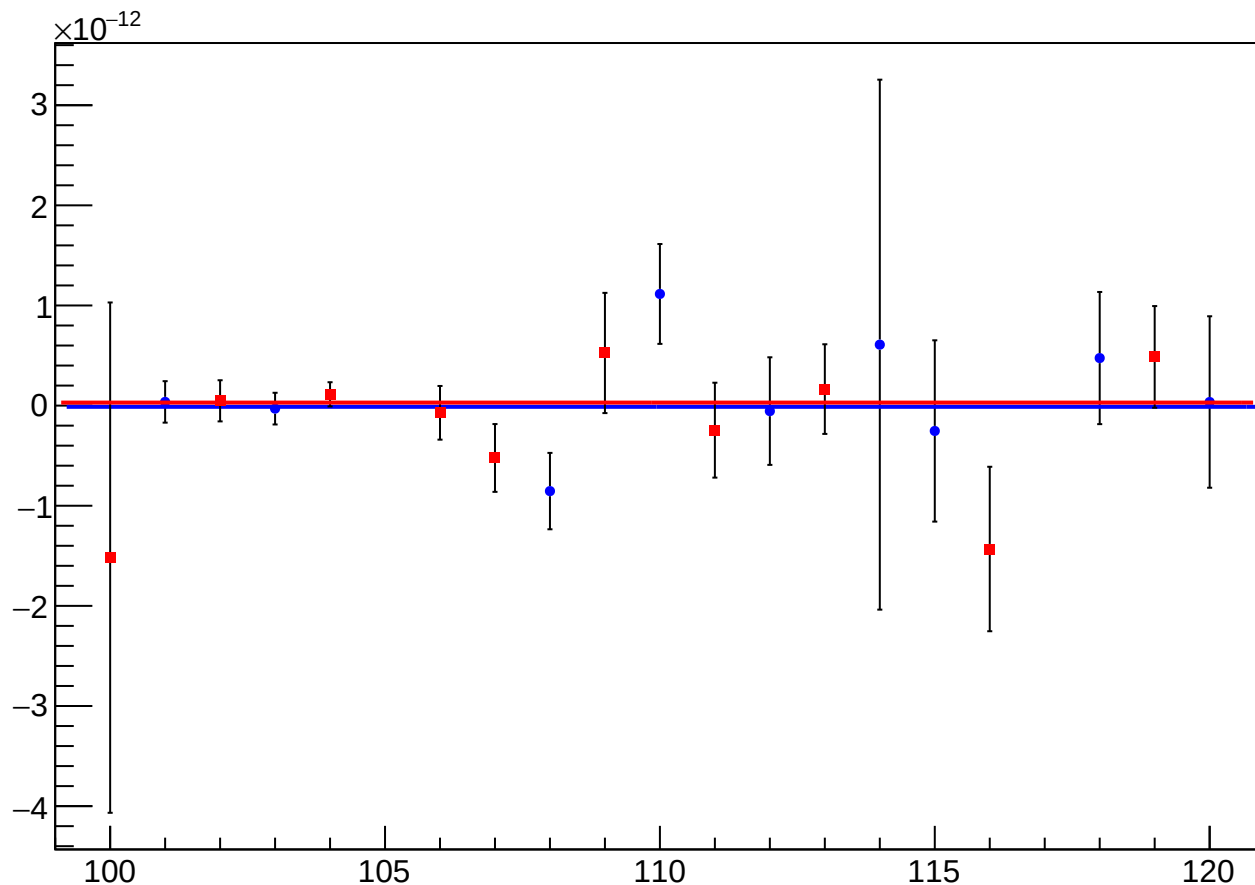
Right: 4054.863+/-1.086 χ^2/NDF : 1113094.4/18

In: 4265.524+/-1.638 χ^2/NDF : 563771.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4054.863+/-1.086 χ^2/NDF : 1113094.4/18

asym_atr_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

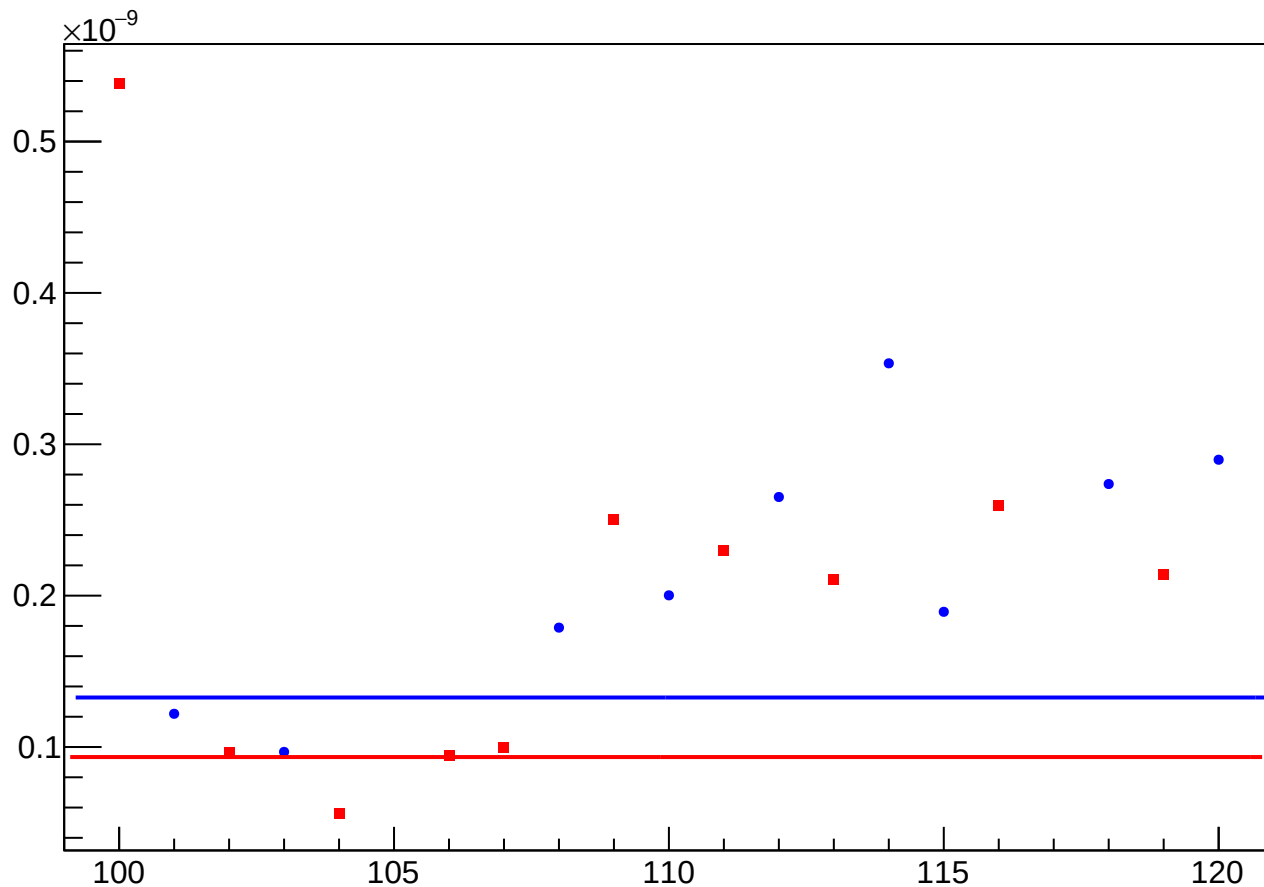
Right: 0.000+/-0.000 χ^2/NDF : 19.6/18

In: -0.000+/-0.000 χ^2/NDF :10.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.6/18

asym_atr_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 476479.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 887591.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

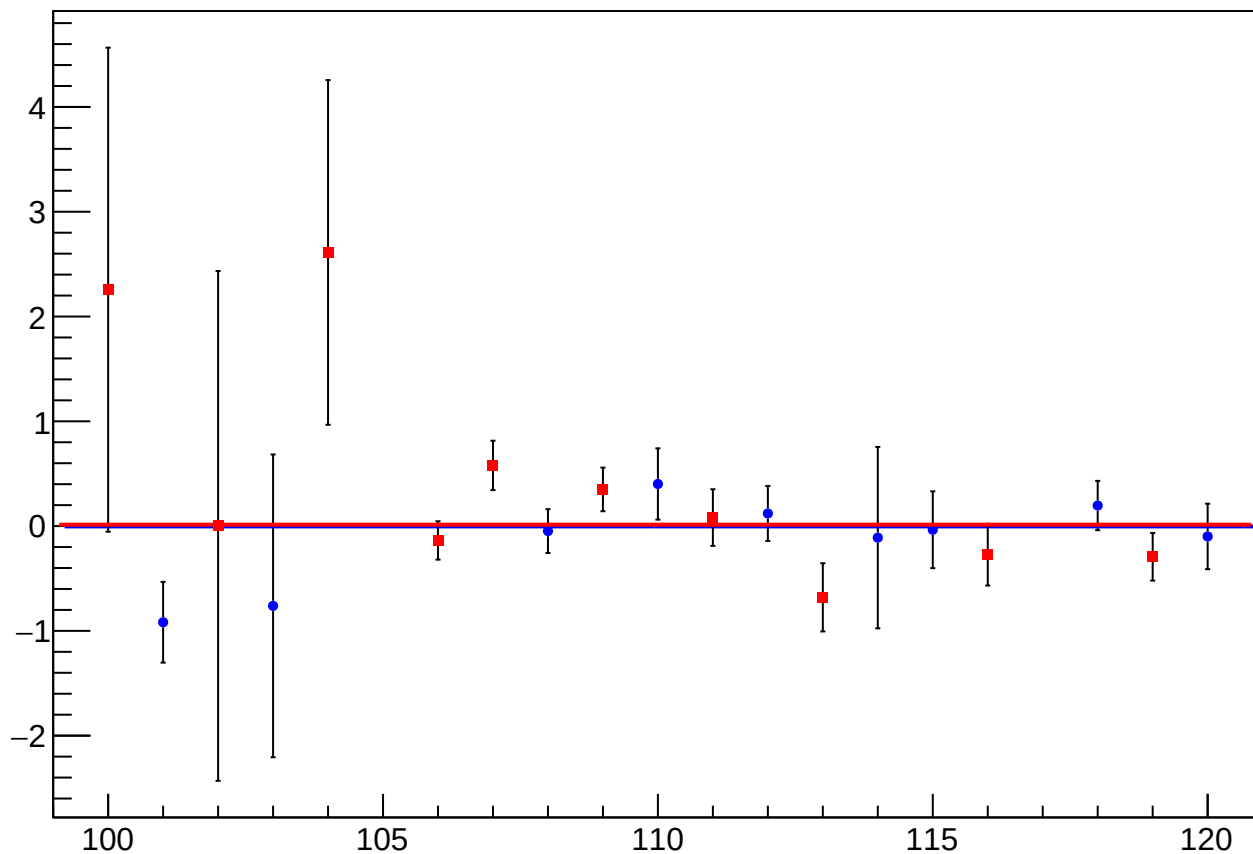
Right: 0.000+/-0.000 χ^2/NDF : 1521614.3/18

In: 0.000+/-0.000 χ^2/NDF : 476479.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1521614.3/18

asym_atr_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 $\pm$ 0.105 χ^2 /NDF: 8.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.013 $\pm$ 0.089 χ^2 /NDF: 19.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

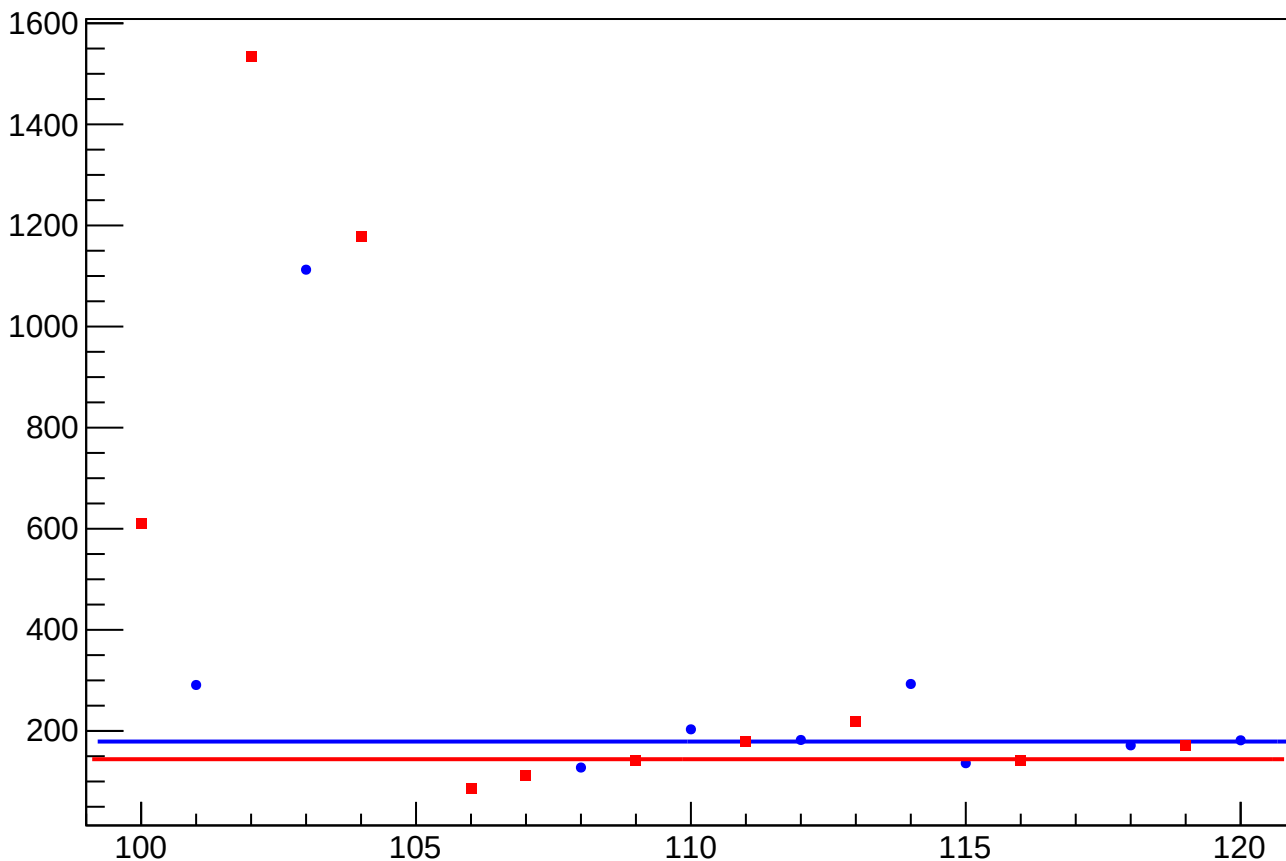
Right: 0.006 $\pm$ 0.068 χ^2 /NDF: 28.3/18

In: -0.003 $\pm$ 0.105 χ^2 /NDF:8.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.006 $\pm$ 0.068 χ^2 /NDF: 28.3/18

asym_atr_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 179.019+/-0.074 χ^2/NDF : 1199359.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.086+/-0.063 χ^2/NDF : 1932131.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

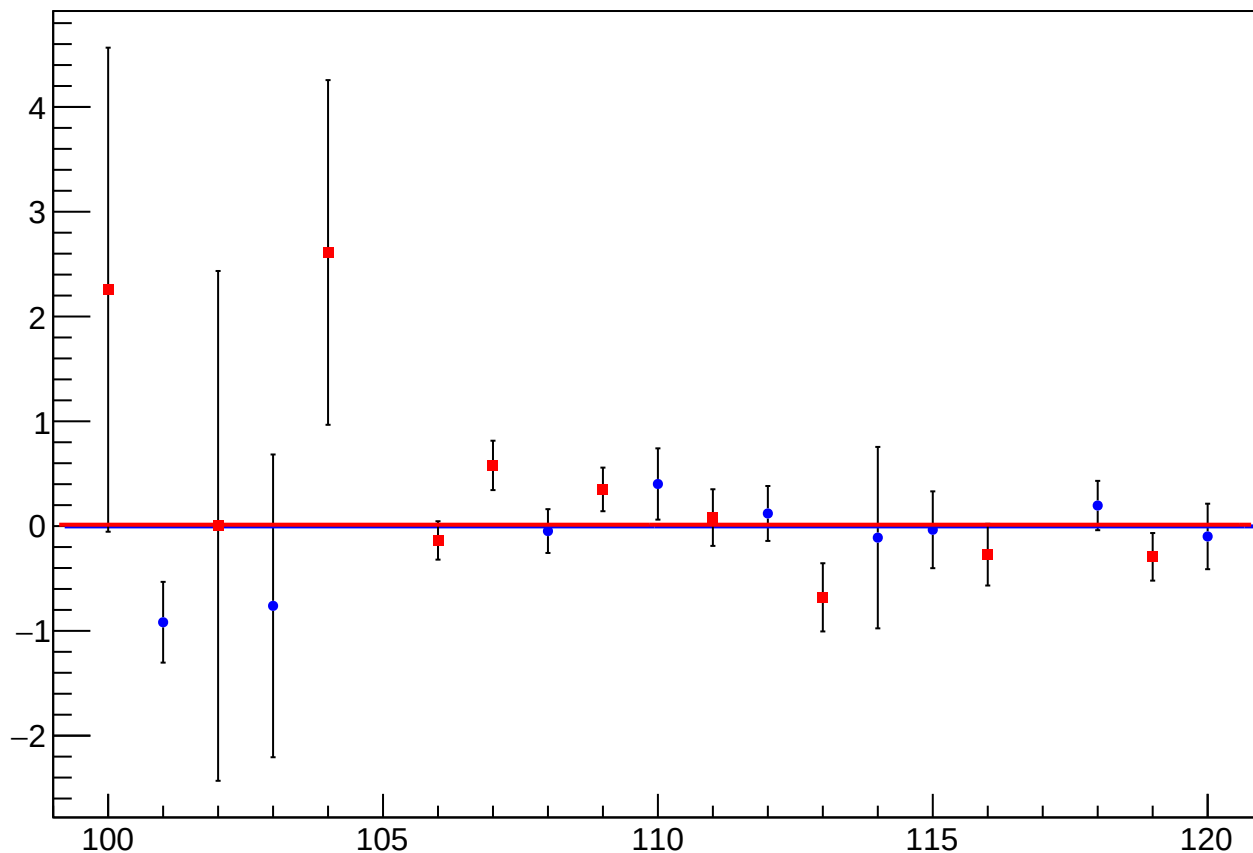
Right: 158.696+/-0.048 χ^2/NDF : 3259799.8/18

In: 179.019+/-0.074 χ^2/NDF : 1199359.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.696+/-0.048 χ^2/NDF : 3259799.8/18

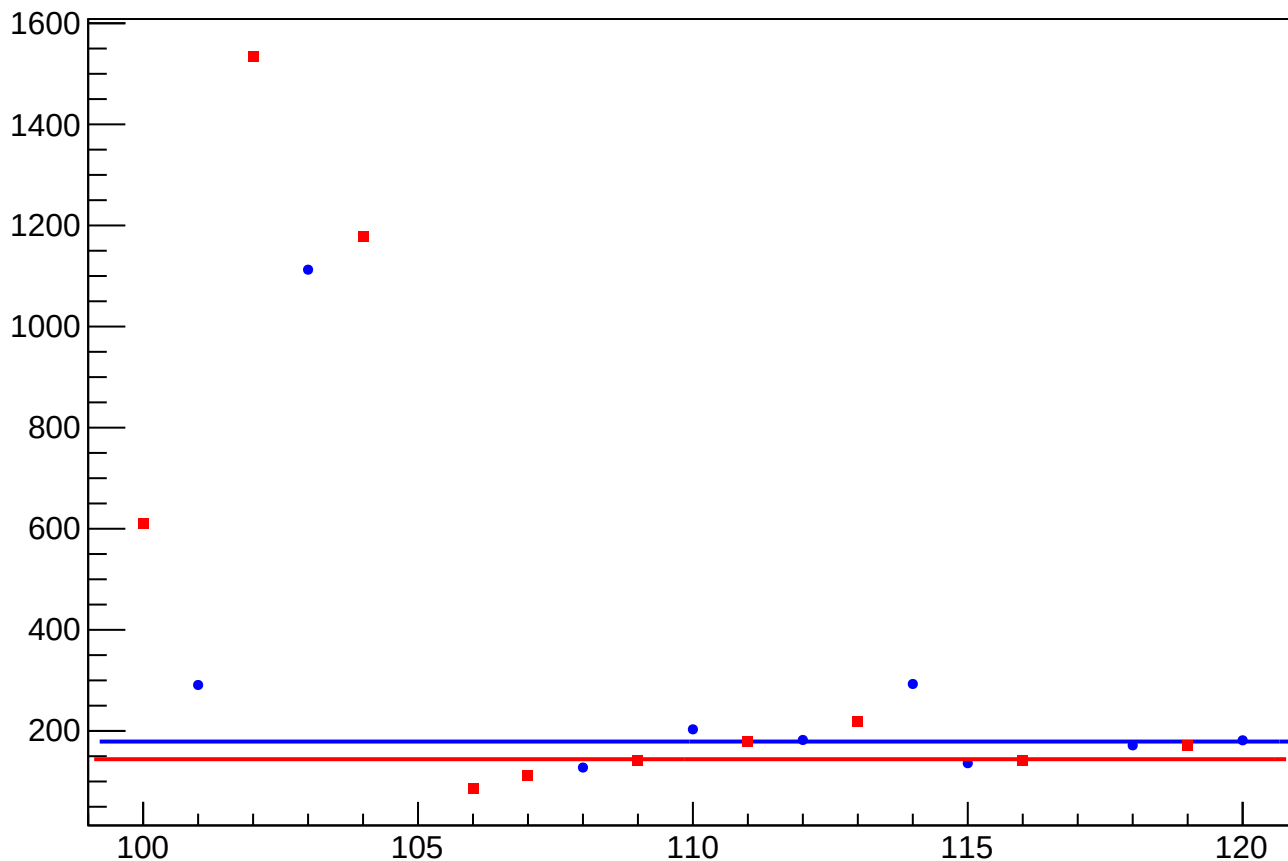
asym_atr_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 $\pm$ 0.105 χ^2 /NDF: 8.4/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.013 $\pm$ 0.089 χ^2 /NDF: 19.9/9
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.006 $\pm$ 0.068 χ^2 /NDF: 28.3/18
 In: -0.003 $\pm$ 0.105 χ^2 /NDF:8.4/8
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.006 $\pm$ 0.068 χ^2 /NDF: 28.3/18

asym_atr_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 179.019+/-0.074 χ^2/NDF : 1199359.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.086+/-0.063 χ^2/NDF : 1932131.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

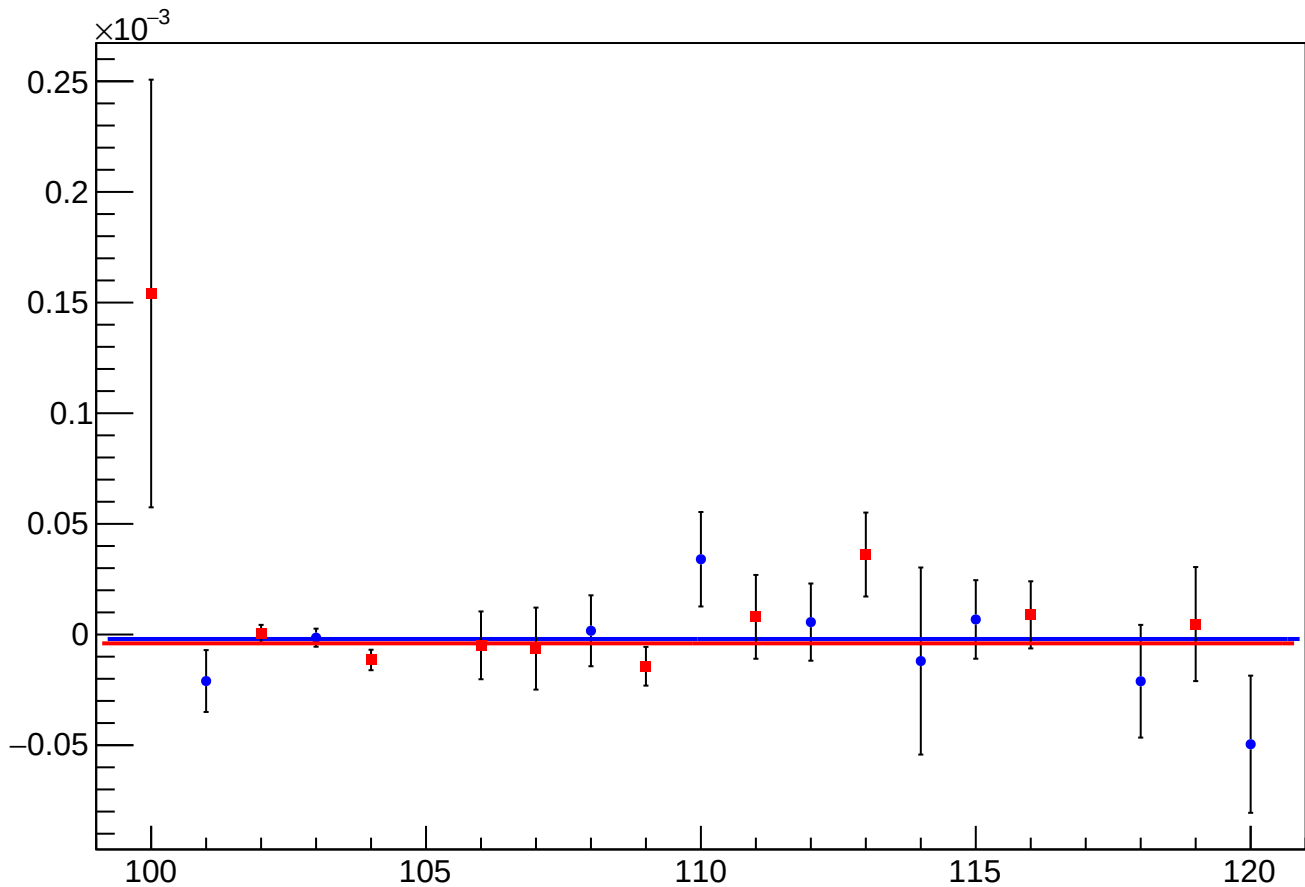
Right: 158.696+/-0.048 χ^2/NDF : 3259799.8/18

In: 179.019+/-0.074 χ^2/NDF : 1199359.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.696+/-0.048 χ^2/NDF : 3259799.8/18

asym_atr_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

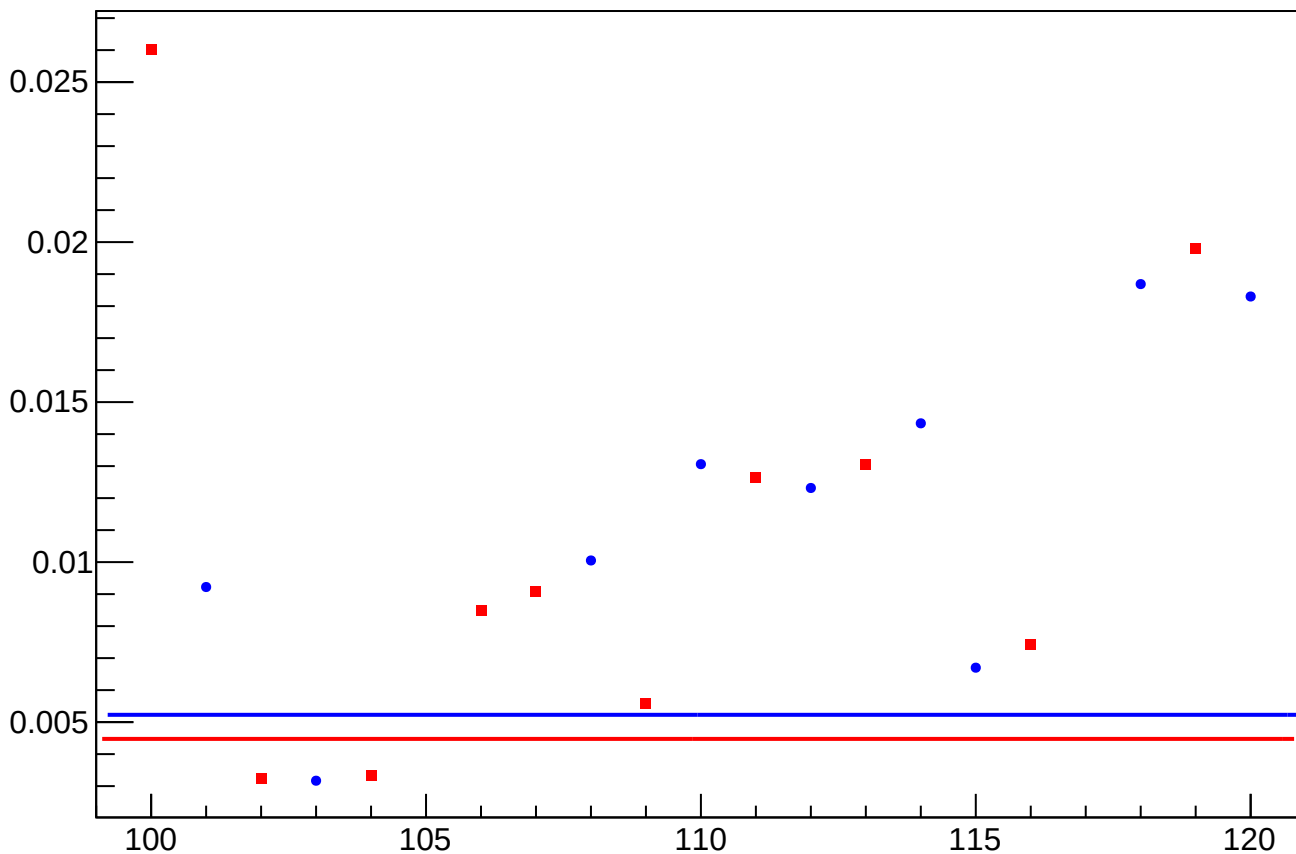
Right: -0.000+/-0.000 χ^2/NDF : 22.0/18

In: -0.000+/-0.000 χ^2/NDF : 8.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.0/18

asym_atr_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 2475629.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 2269077.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

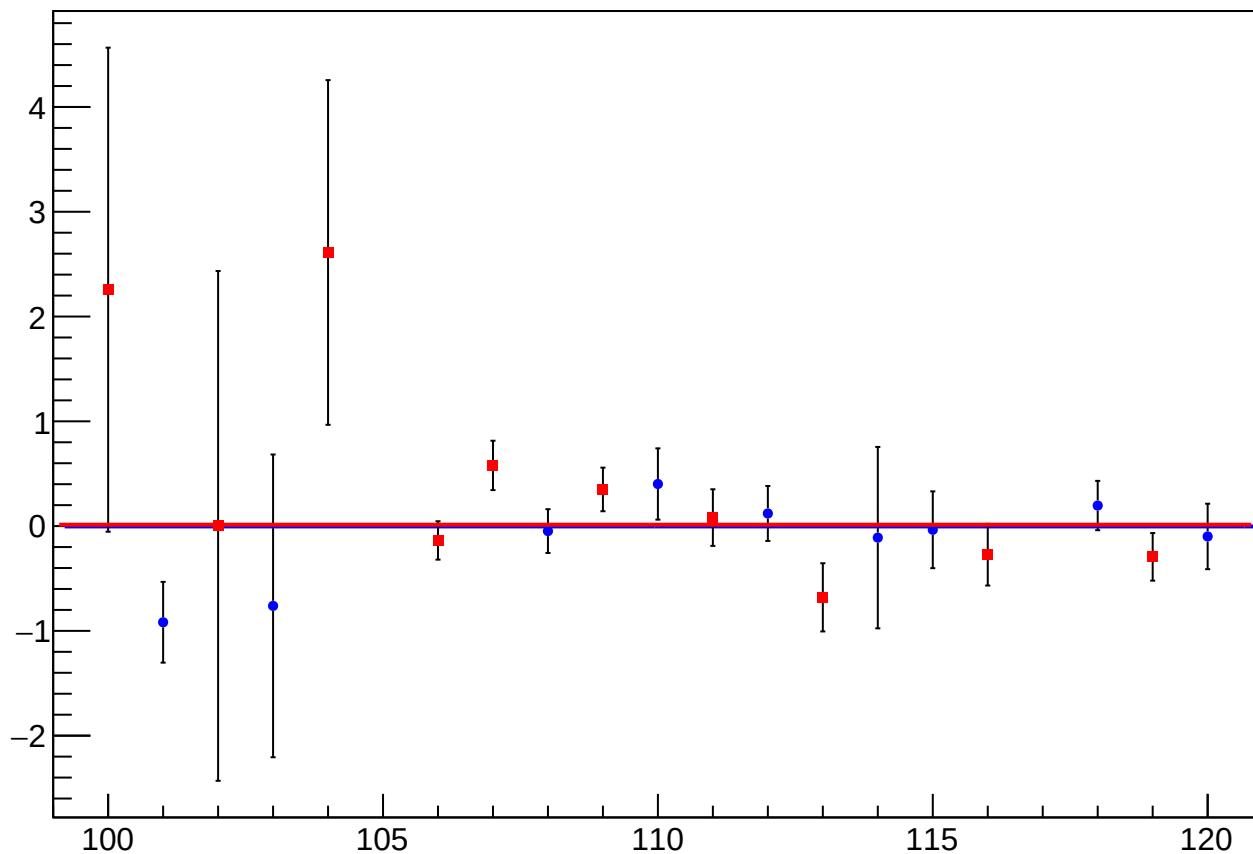
Right: 0.005+/-0.000 χ^2/NDF : 4802850.9/18

In: 0.005+/-0.000 χ^2/NDF :2475629.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 4802850.9/18

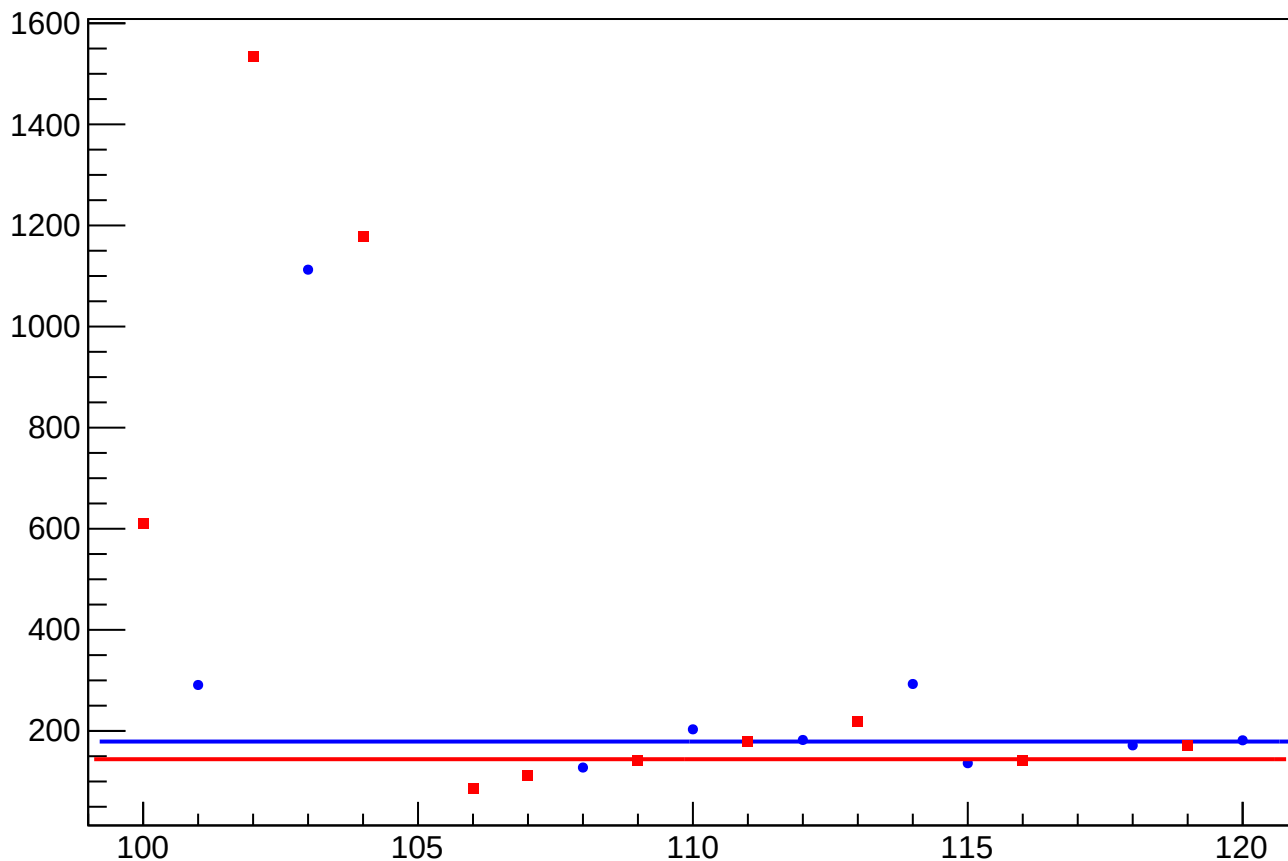
asym_atr_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 $\pm$ 0.105 χ^2 /NDF: 8.4/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.013 $\pm$ 0.089 χ^2 /NDF: 19.9/9
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.006 $\pm$ 0.068 χ^2 /NDF: 28.3/18
 In: -0.003 $\pm$ 0.105 χ^2 /NDF:8.4/8
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.006 $\pm$ 0.068 χ^2 /NDF: 28.3/18

asym_atr_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 179.018+/-0.074 χ^2/NDF : 1199367.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 144.087+/-0.063 χ^2/NDF : 1932131.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

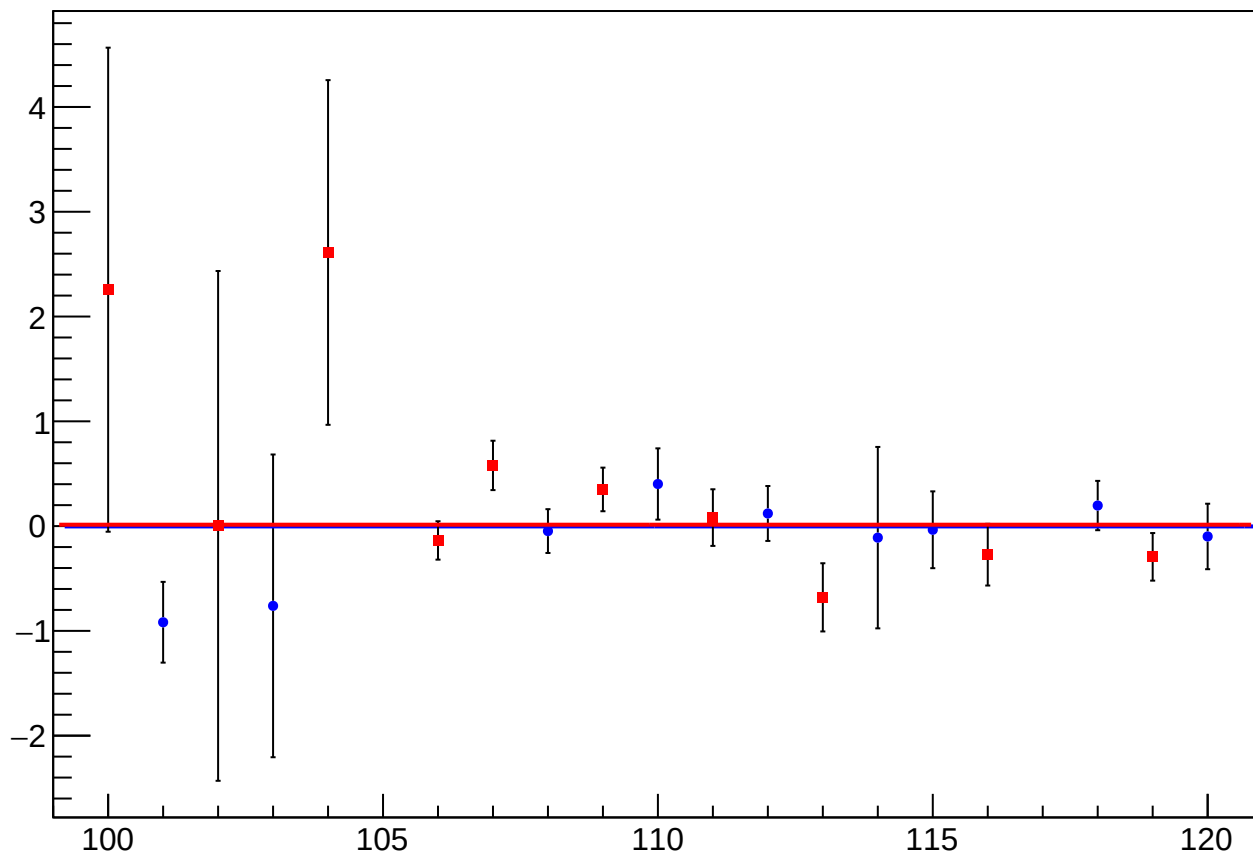
Right: 158.696+/-0.048 χ^2/NDF : 3259800.4/18

In: 179.018+/-0.074 χ^2/NDF :1199367.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 158.696+/-0.048 χ^2/NDF : 3259800.4/18

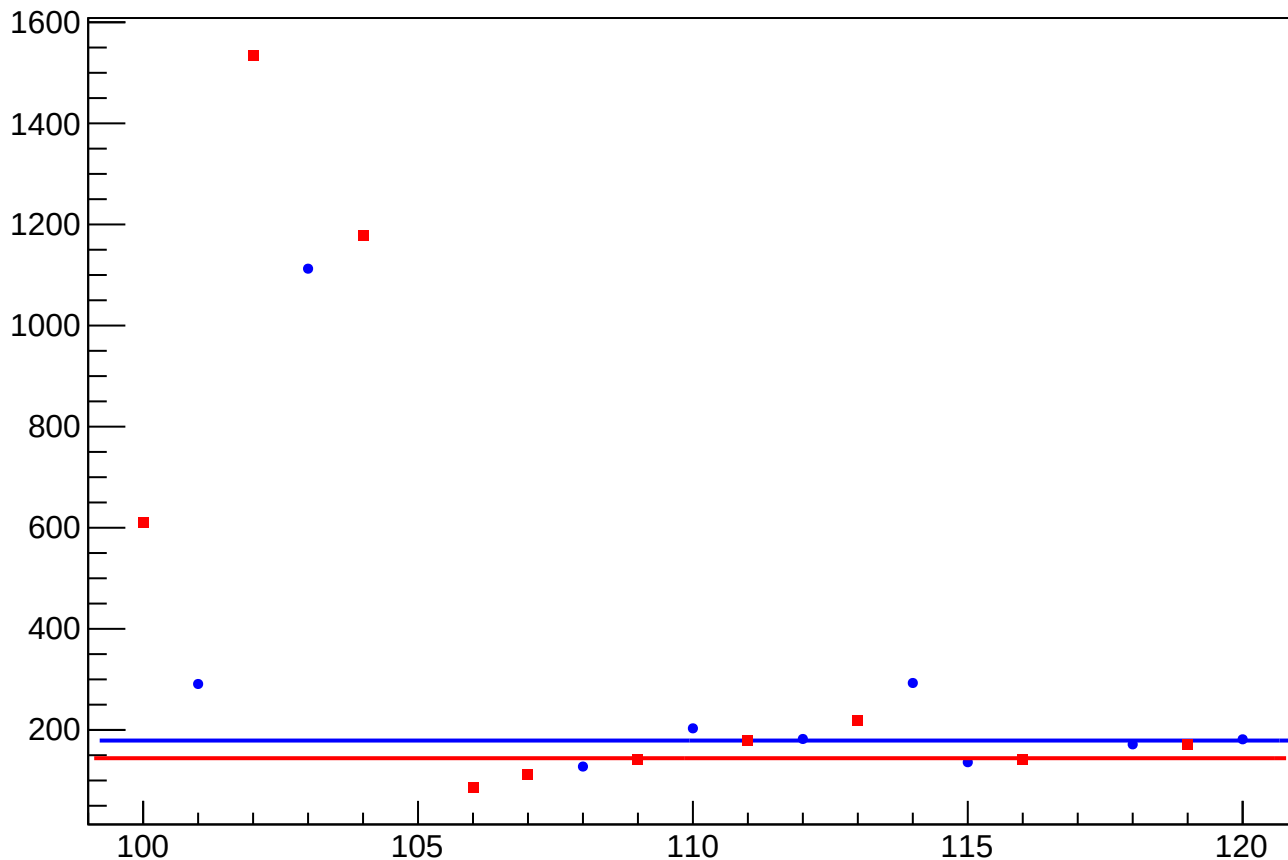
asym_atr_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 $\pm$ 0.105 χ^2 /NDF: 8.4/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.013 $\pm$ 0.089 χ^2 /NDF: 19.9/9
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.006 $\pm$ 0.068 χ^2 /NDF: 28.3/18
 In: -0.003 $\pm$ 0.105 χ^2 /NDF:8.4/8
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.006 $\pm$ 0.068 χ^2 /NDF: 28.3/18

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 179.018+/-0.074 χ^2/NDF : 1199367.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.087+/-0.063 χ^2/NDF : 1932131.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

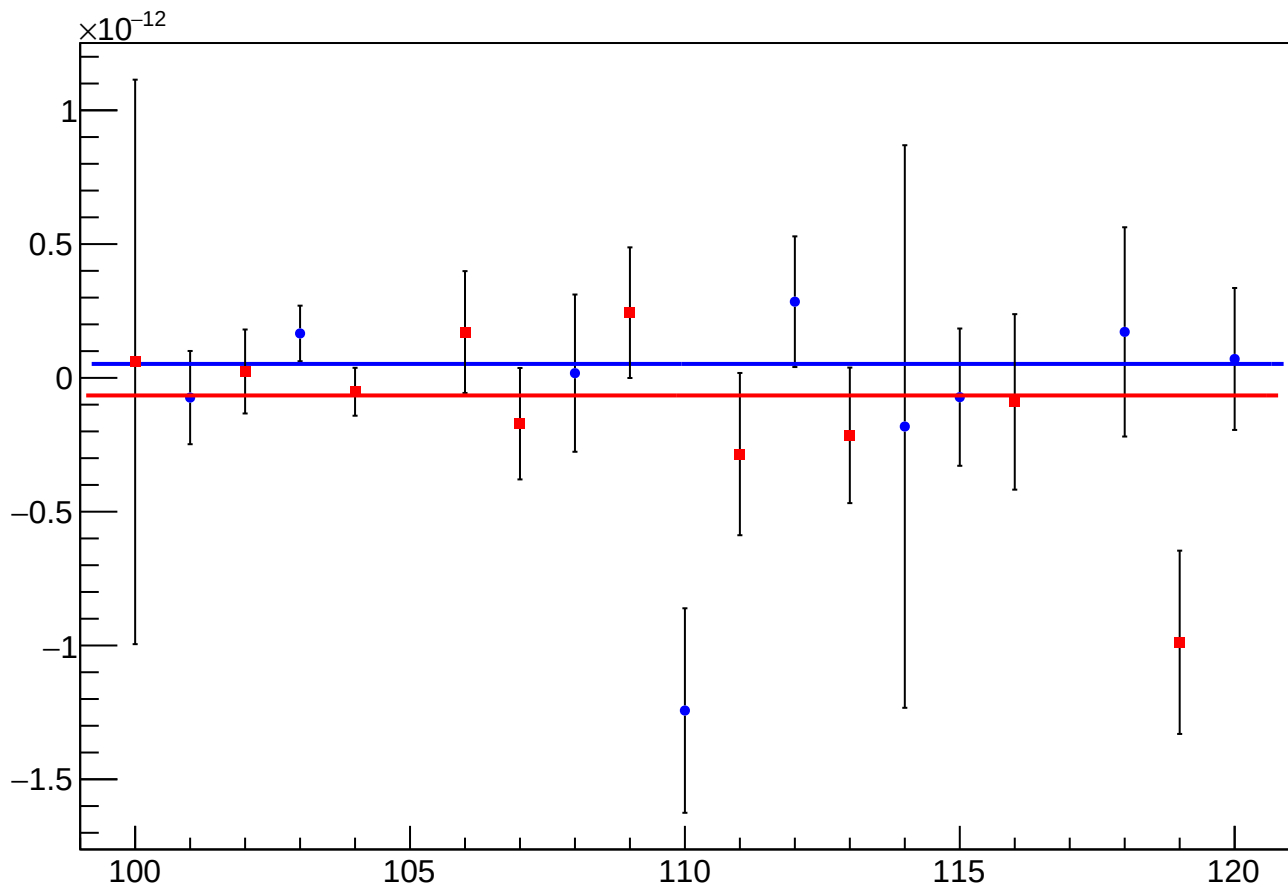
Right: 158.696+/-0.048 χ^2/NDF : 3259800.4/18

In: 179.018+/-0.074 χ^2/NDF : 1199367.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.696+/-0.048 χ^2/NDF : 3259800.4/18

asym_atr_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

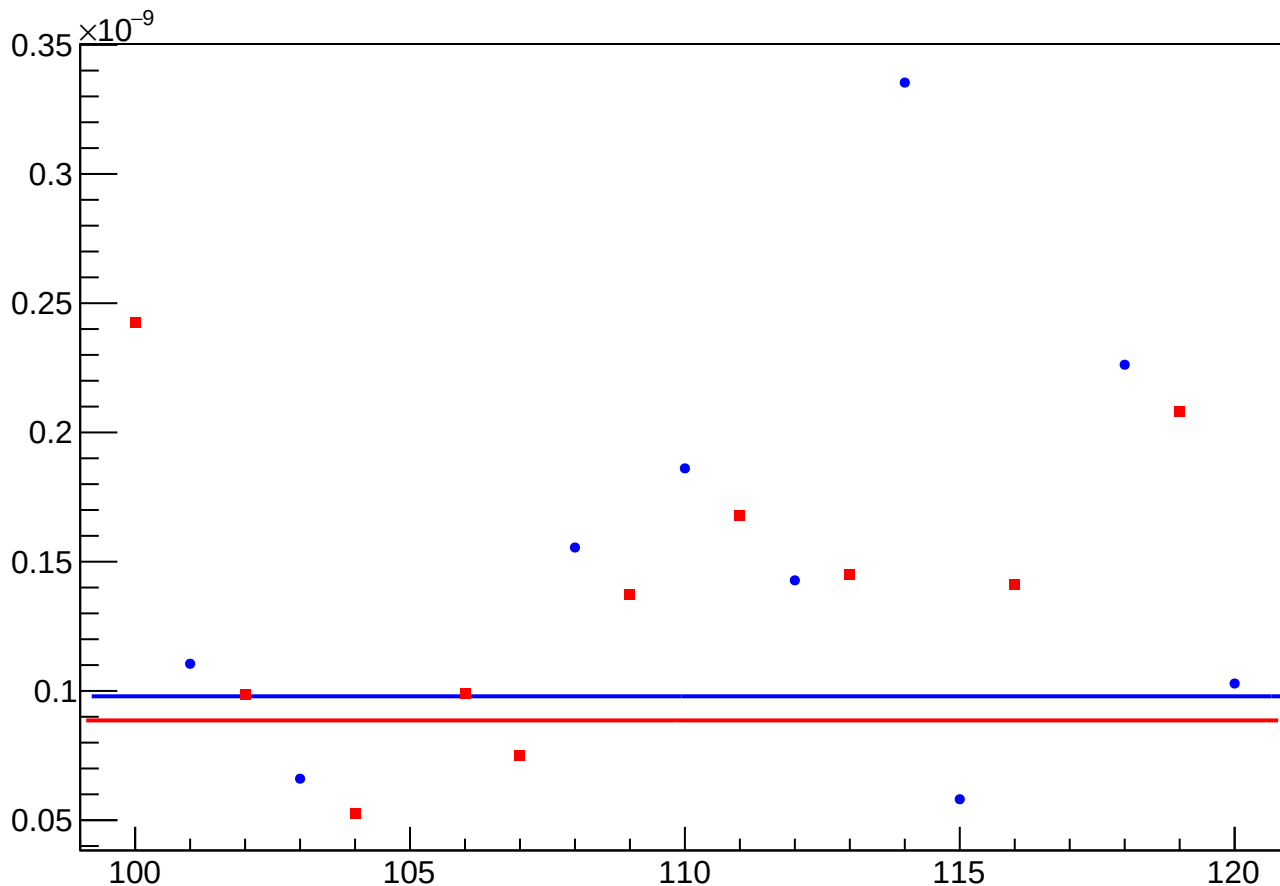
Right: -0.000+/-0.000 χ^2/NDF : 27.5/18

In: 0.000+/-0.000 χ^2/NDF : 14.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.5/18

asym_atr_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 815928.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 999268.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

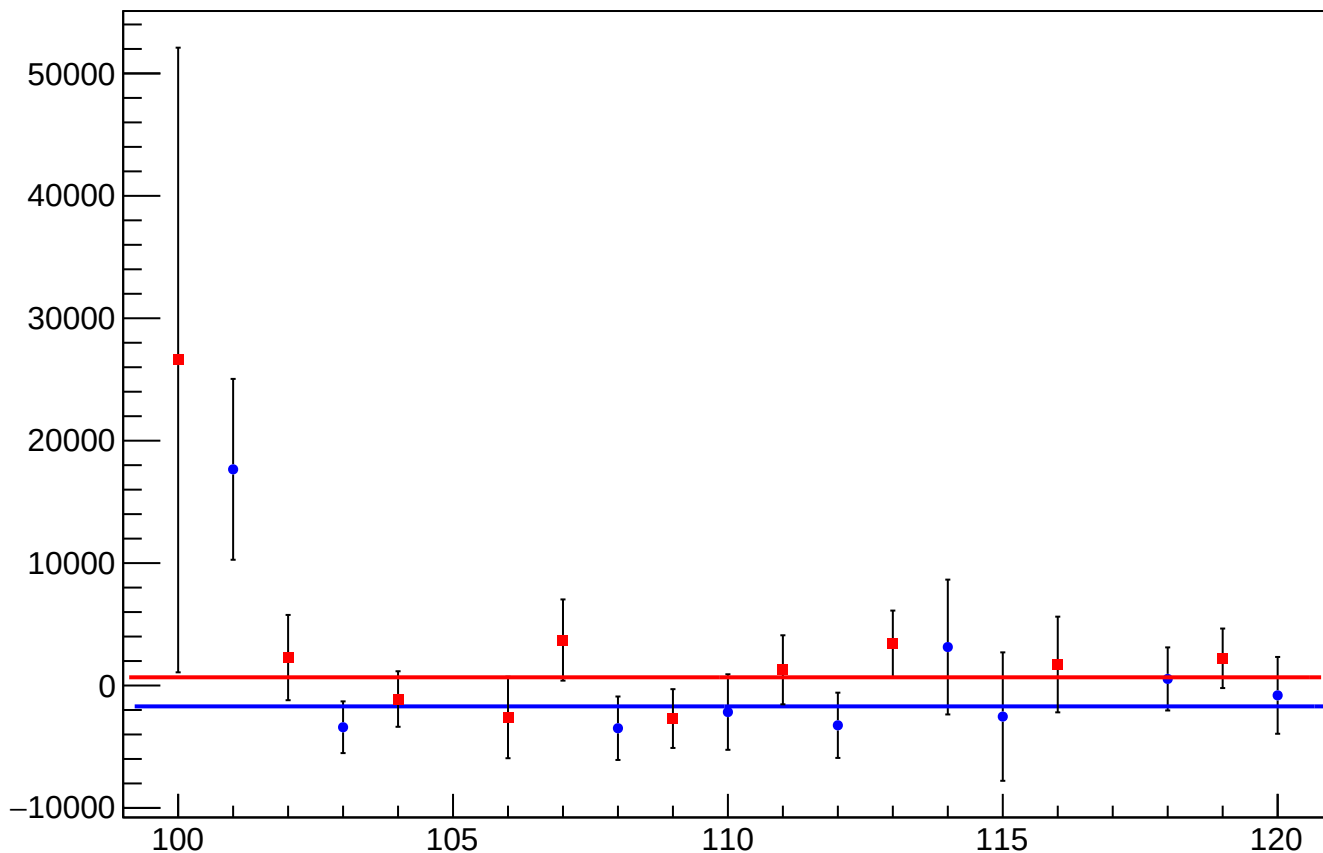
Right: 0.000+/-0.000 χ^2/NDF : 1835054.5/18

In: 0.000+/-0.000 χ^2/NDF : 815928.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1835054.5/18

reg_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1704.698+/-1021.354 χ^2/NDF : 10.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 670.580+/-941.592 χ^2/NDF : 7.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

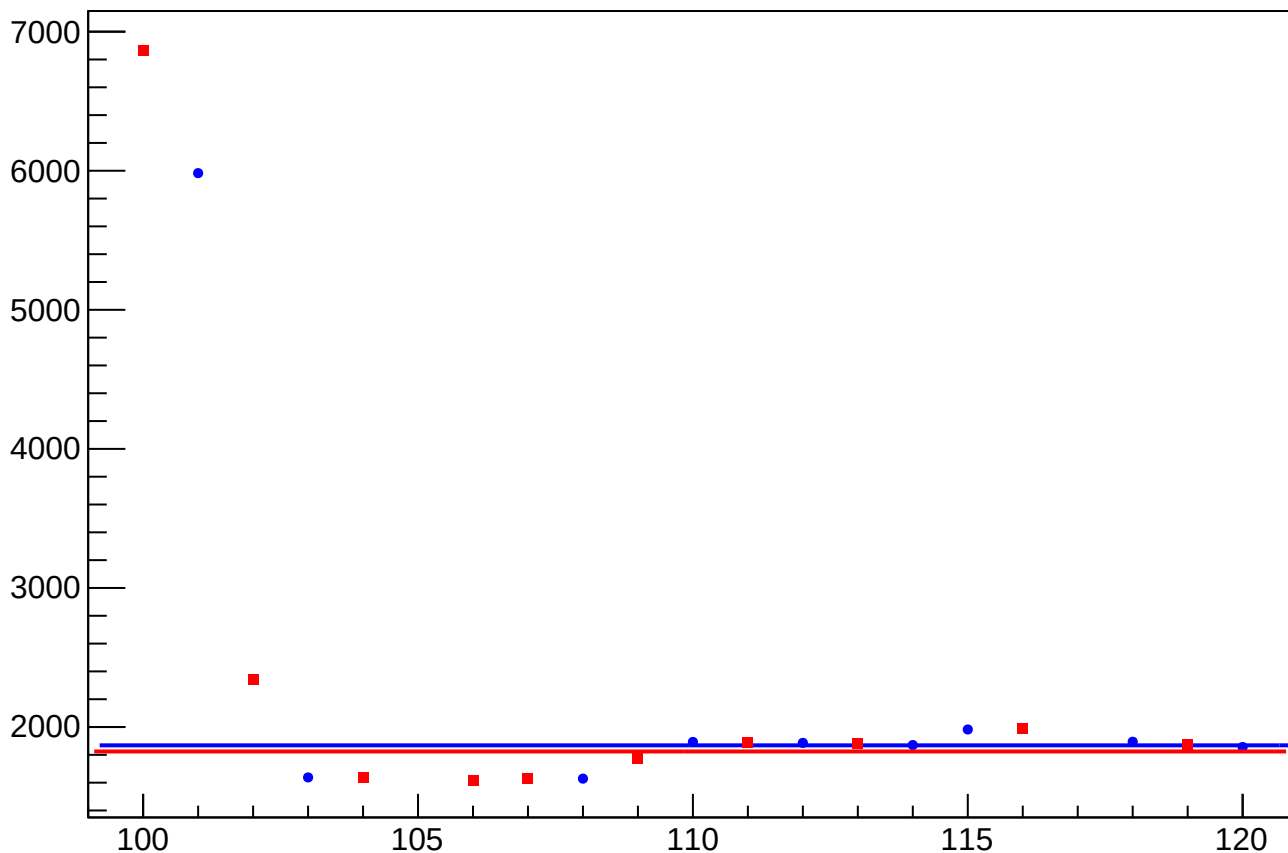
Right: -420.702+/-692.289 χ^2/NDF : 20.1/18

In: -1704.698+/-1021.354 χ^2/NDF : 10.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -420.702+/-692.289 χ^2/NDF : 20.1/18

reg_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1868.334+/-0.722 χ^2/NDF : 662760.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1824.201+/-0.662 χ^2/NDF : 159974.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

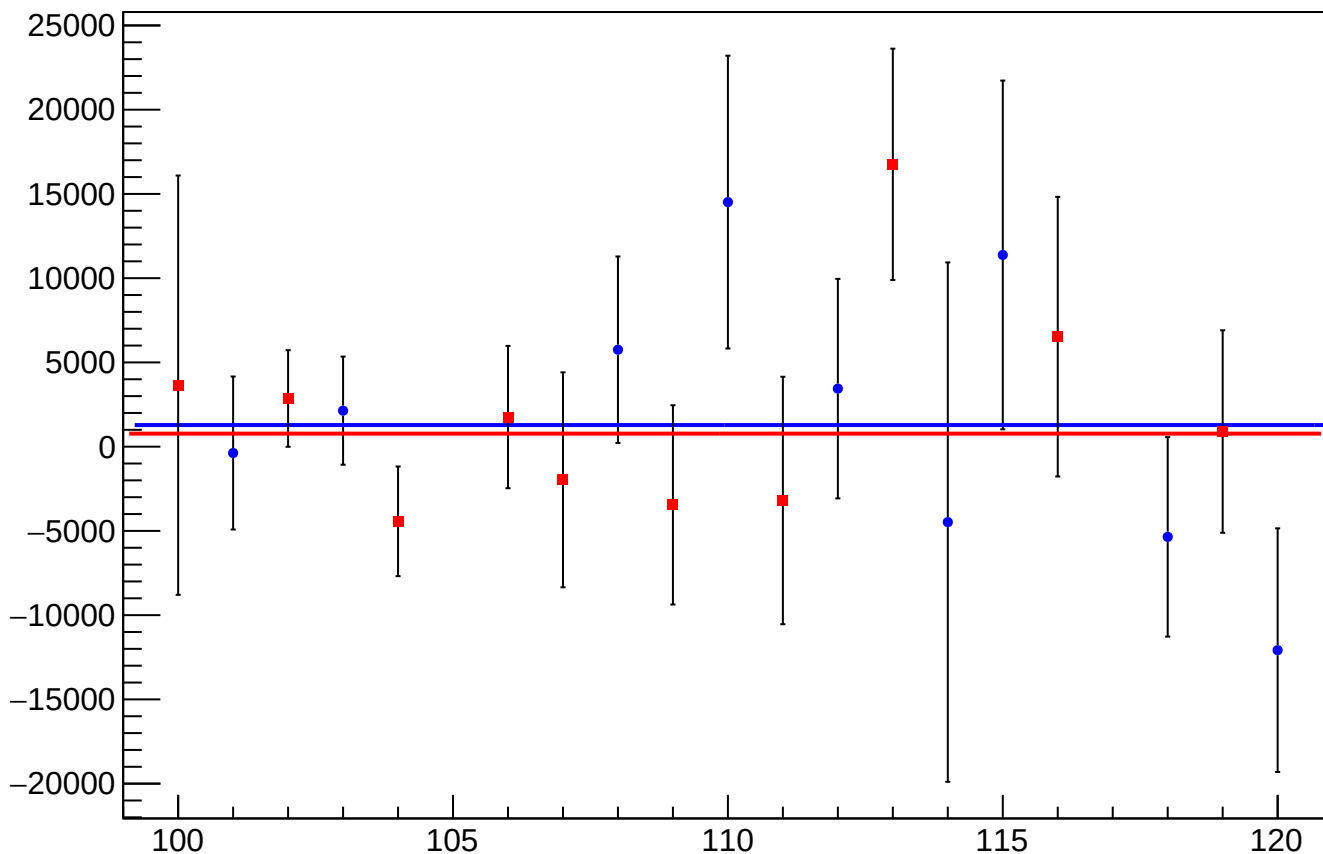
Right: 1844.345+/-0.488 χ^2/NDF : 824764.4/18

In: 1868.334+/-0.722 χ^2/NDF : 662760.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1844.345+/-0.488 χ^2/NDF : 824764.4/18

asym_atr_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 1282.078+/-1902.200 χ^2/NDF : 9.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 773.781+/-1554.628 χ^2/NDF : 10.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

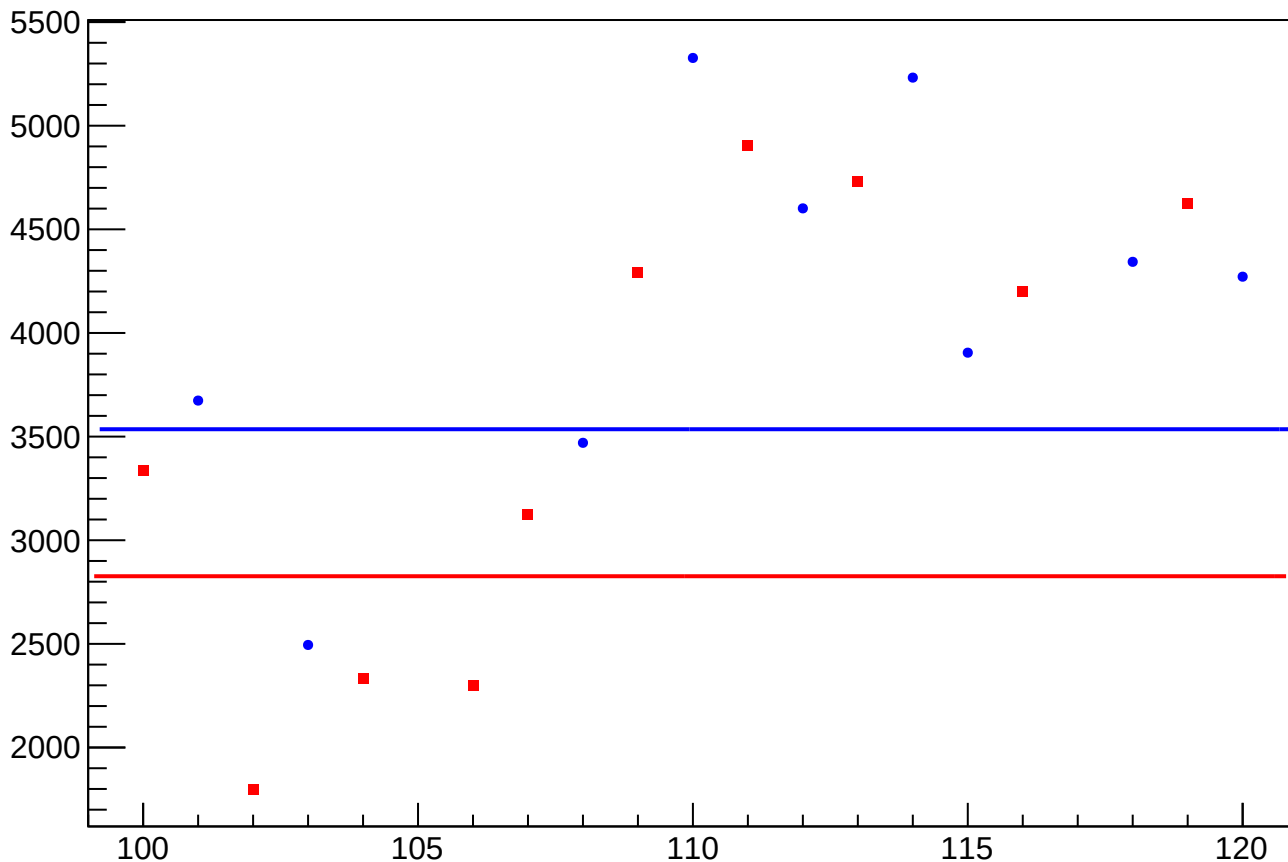
Right: 977.334+/-1203.748 χ^2/NDF : 19.2/18

In: 1282.078+/-1902.200 χ^2/NDF : 9.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 977.334+/-1203.748 χ^2/NDF : 19.2/18

asym_atr_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3535.550+/-1.345 χ^2/NDF : 435862.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2826.345+/-1.099 χ^2/NDF : 1013430.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

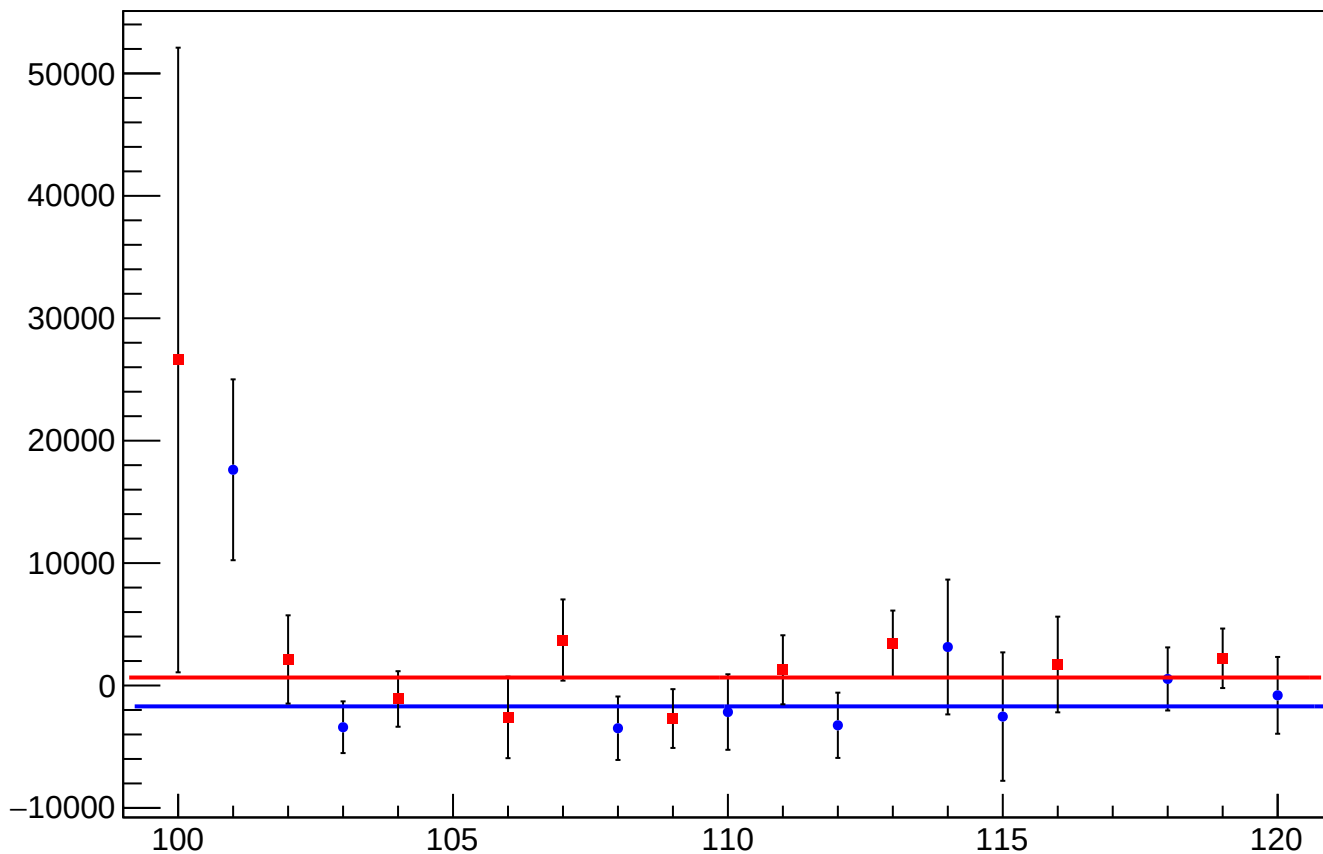
Right: 3110.353+/-0.851 χ^2/NDF : 1615971.2/18

In: 3535.550+/-1.345 χ^2/NDF : 435862.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3110.353+/-0.851 χ^2/NDF : 1615971.2/18

cor_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1705.267 ± 1021.354 χ^2/NDF : 10.0/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 653.289 ± 943.876 χ^2/NDF : 7.1/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

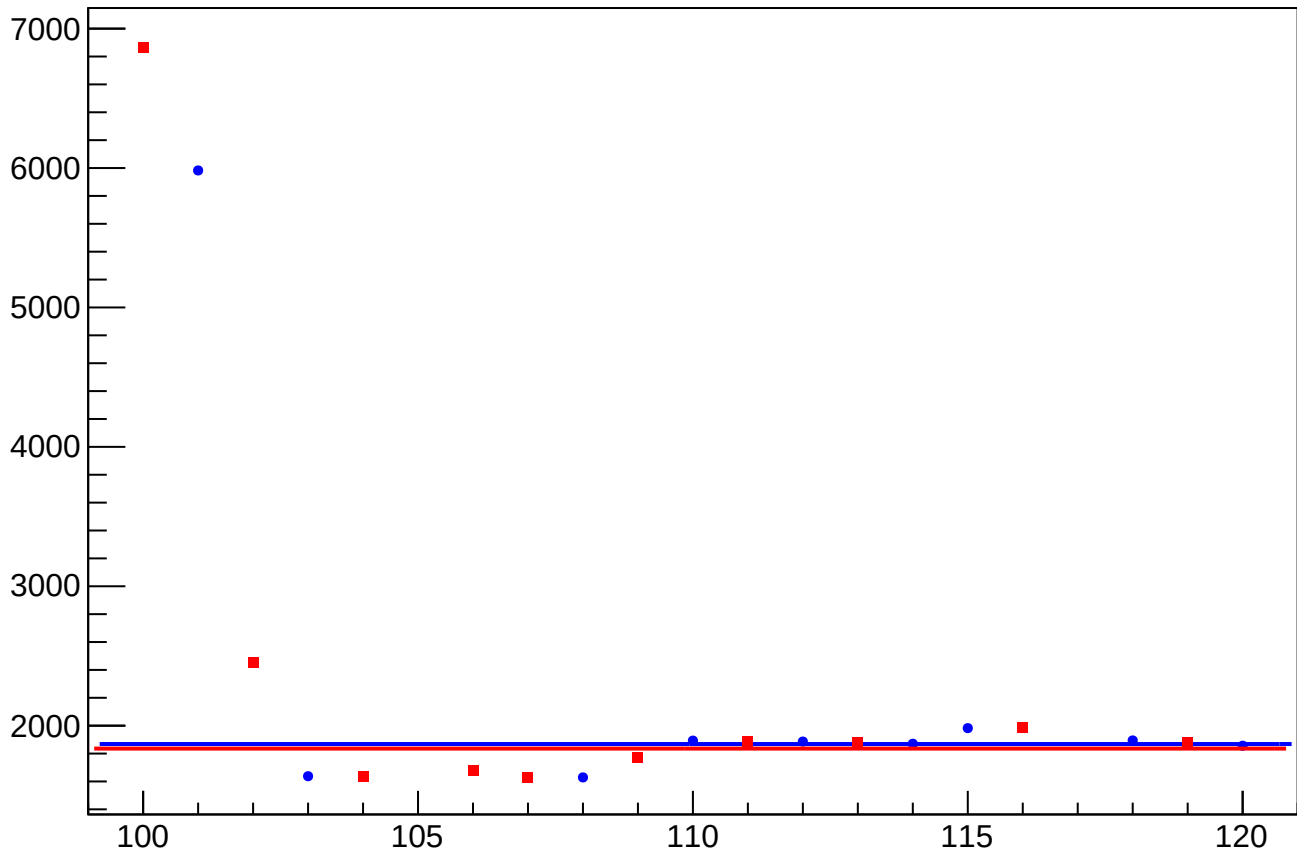
Right: -433.149 ± 693.195 χ^2/NDF : 20.0/18

In: -1705.267 ± 1021.354 χ^2/NDF : 10.0/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -433.149 ± 693.195 χ^2/NDF : 20.0/18

cor_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1868.334+/-0.722 χ^2/NDF : 662760.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1835.755+/-0.666 χ^2/NDF : 171440.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

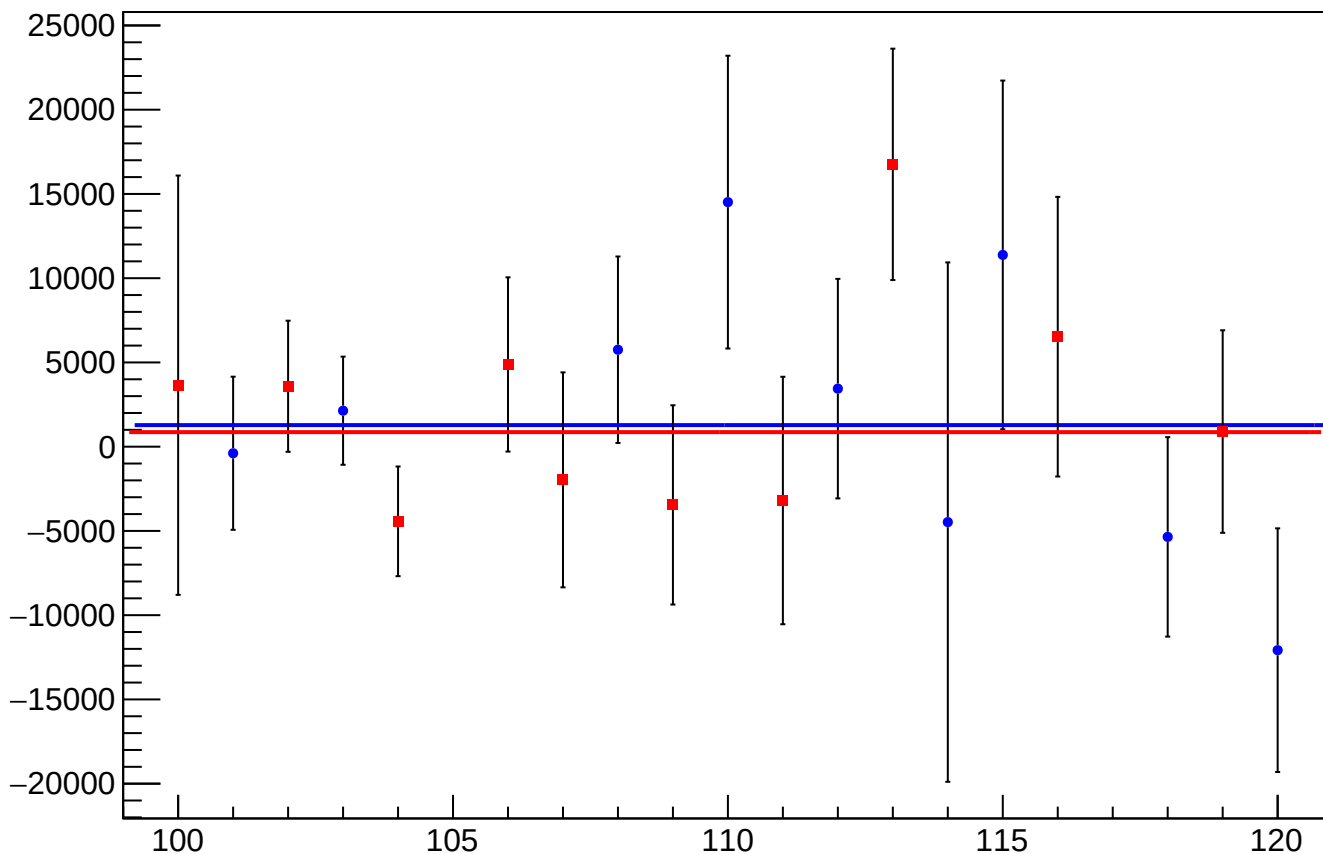
Right: 1850.717+/-0.489 χ^2/NDF : 835300.9/18

In: 1868.334+/-0.722 χ^2/NDF : 662760.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1850.717+/-0.489 χ^2/NDF : 835300.9/18

asym_atr_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1280.186+/-1902.567 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 864.089+/-1716.242 χ^2/NDF : 10.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

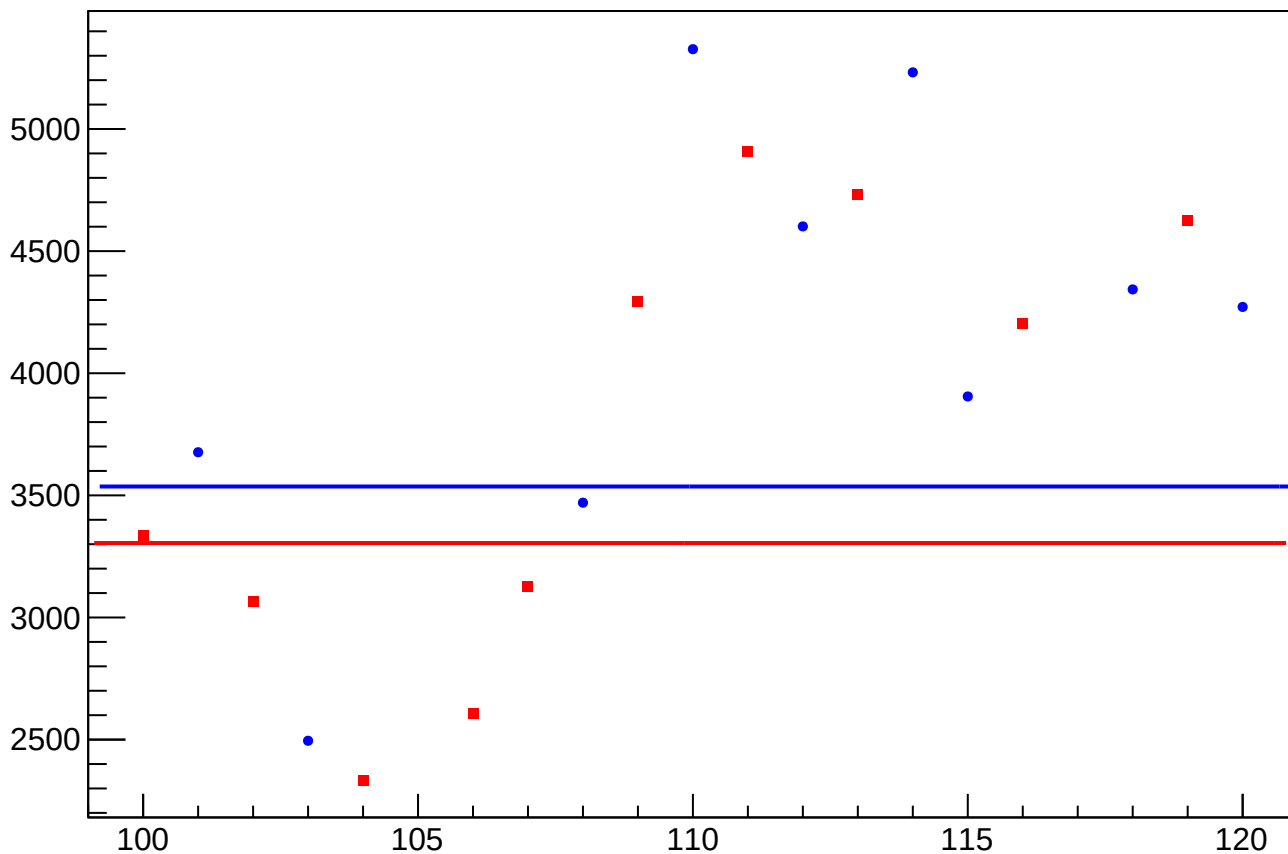
Right: 1050.770+/-1274.362 χ^2/NDF : 19.7/18

In: 1280.186+/-1902.567 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1050.770+/-1274.362 χ^2/NDF : 19.7/18

asym_atr_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3536.303+/-1.345 χ^2/NDF : 435666.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3304.864+/-1.214 χ^2/NDF : 580416.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

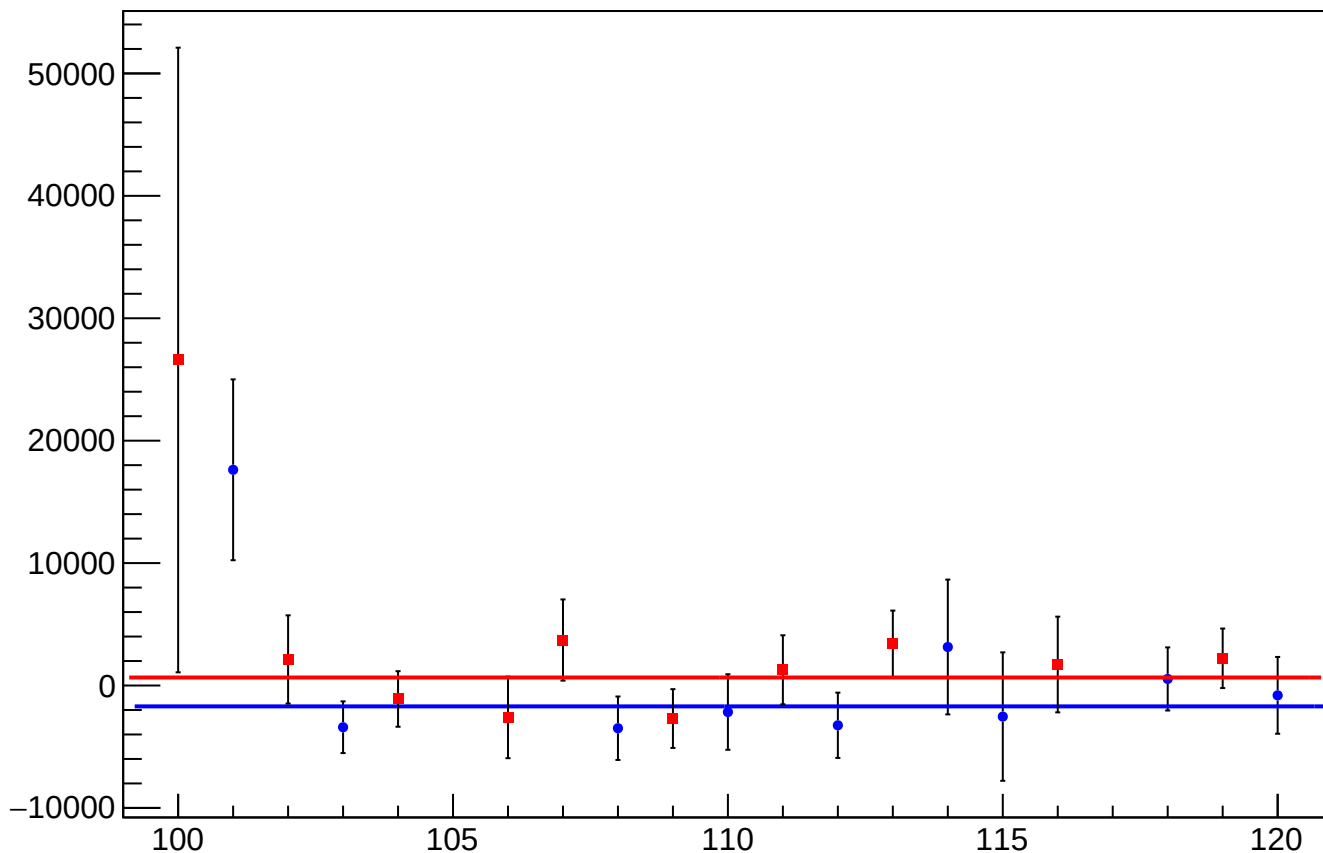
Right: 3408.699+/-0.901 χ^2/NDF : 1032400.5/18

In: 3536.303+/-1.345 χ^2/NDF : 435666.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3408.699+/-0.901 χ^2/NDF : 1032400.5/18

eigen_cor_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1705.267+/-1021.354 χ^2/NDF : 10.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 653.289+/-943.876 χ^2/NDF : 7.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

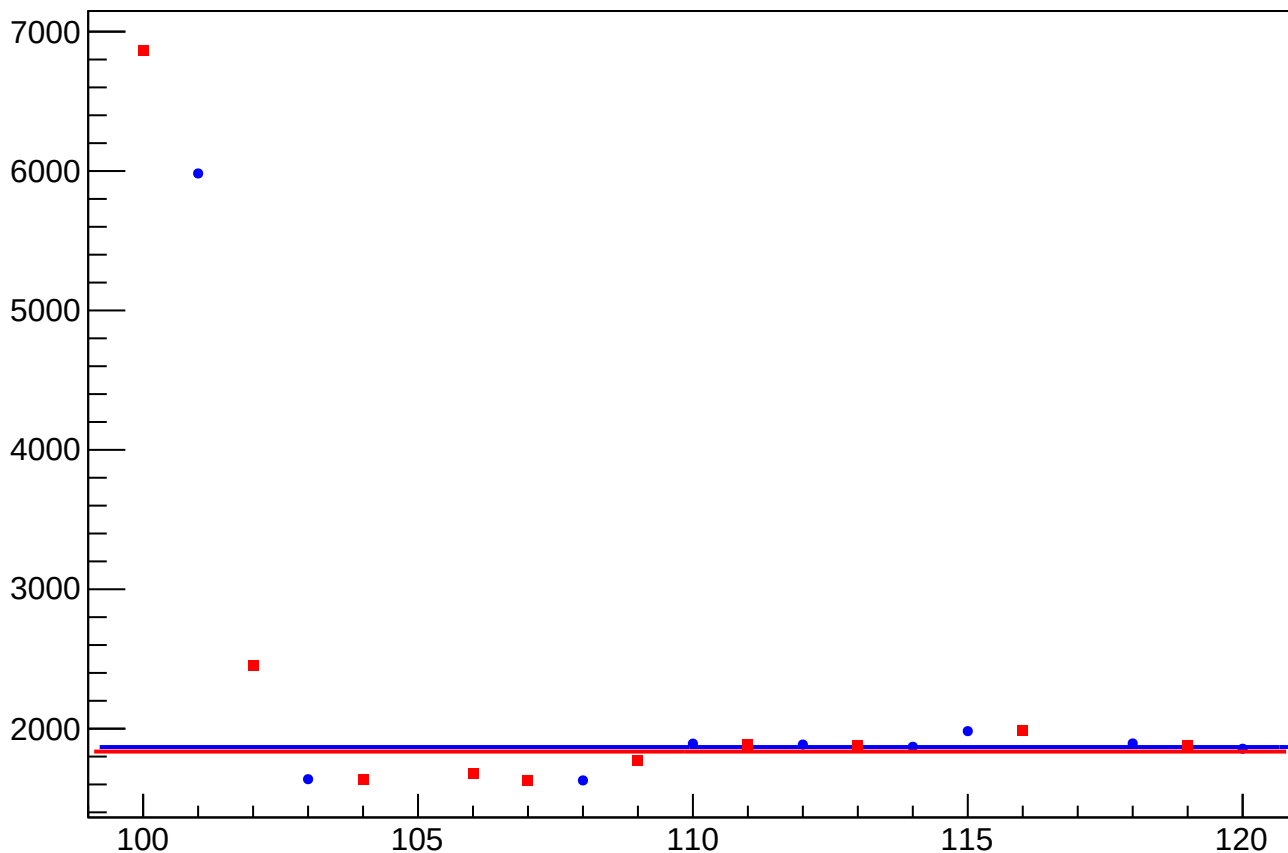
Right: -433.149+/-693.195 χ^2/NDF : 20.0/18

In: -1705.267+/-1021.354 χ^2/NDF : 10.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -433.149+/-693.195 χ^2/NDF : 20.0/18

eigen_cor_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1868.334+/-0.722 χ^2/NDF : 662760.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1835.755+/-0.666 χ^2/NDF : 171440.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

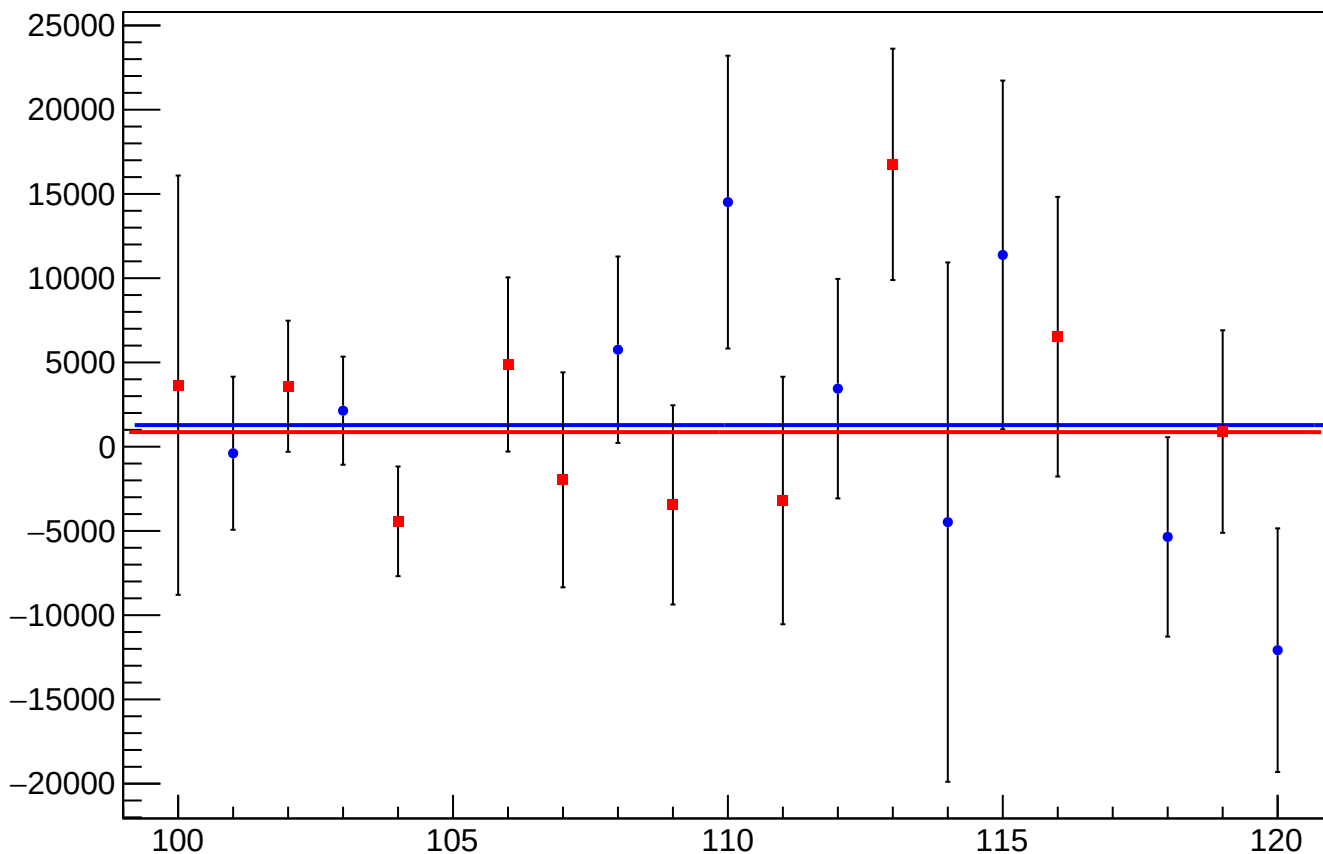
Right: 1850.717+/-0.489 χ^2/NDF : 835300.9/18

In: 1868.334+/-0.722 χ^2/NDF : 662760.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1850.717+/-0.489 χ^2/NDF : 835300.9/18

asym_atr_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1280.186+/-1902.567 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 864.089+/-1716.242 χ^2/NDF : 10.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

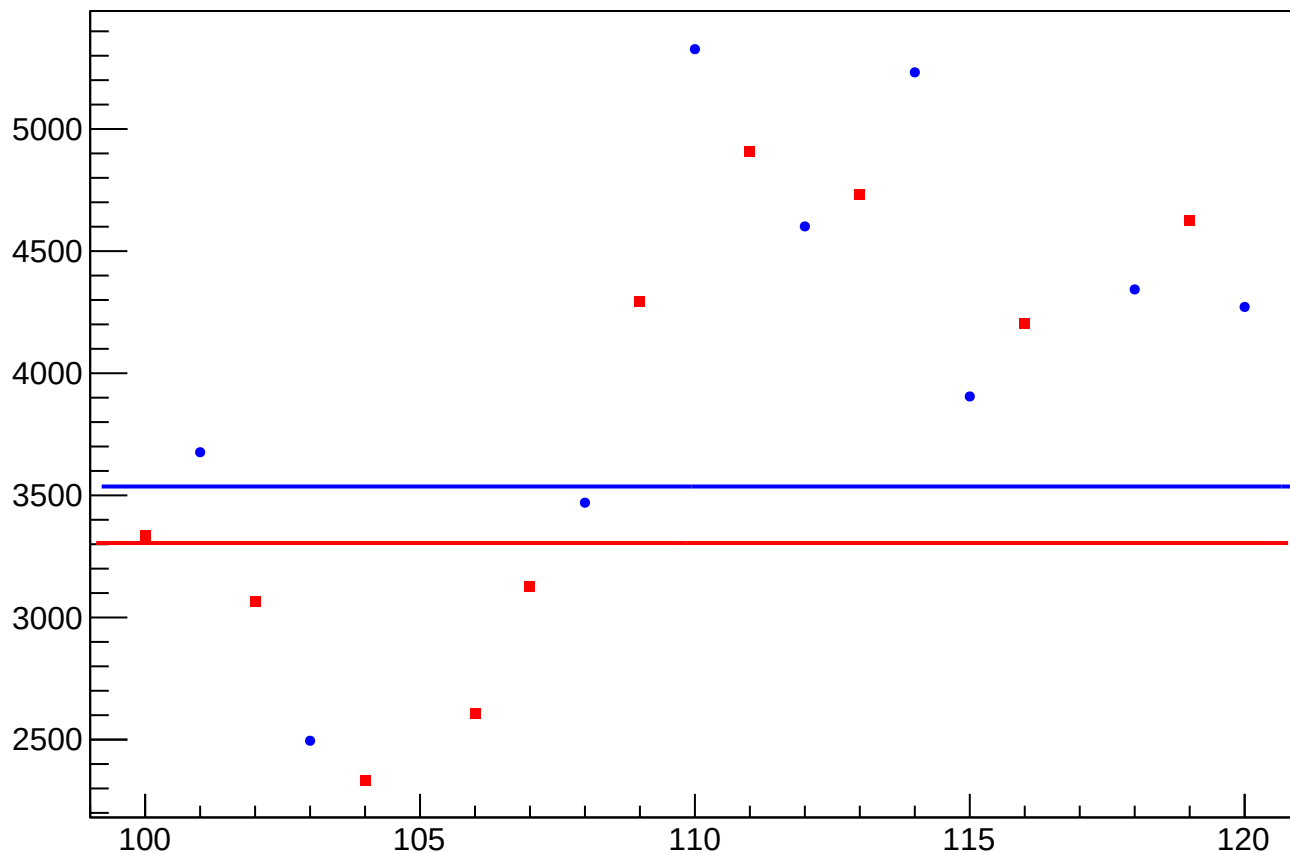
Right: 1050.770+/-1274.362 χ^2/NDF : 19.7/18

In: 1280.186+/-1902.567 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1050.770+/-1274.362 χ^2/NDF : 19.7/18

asym_atr_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3536.303+/-1.345 χ^2/NDF : 435666.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3304.864+/-1.214 χ^2/NDF : 580416.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

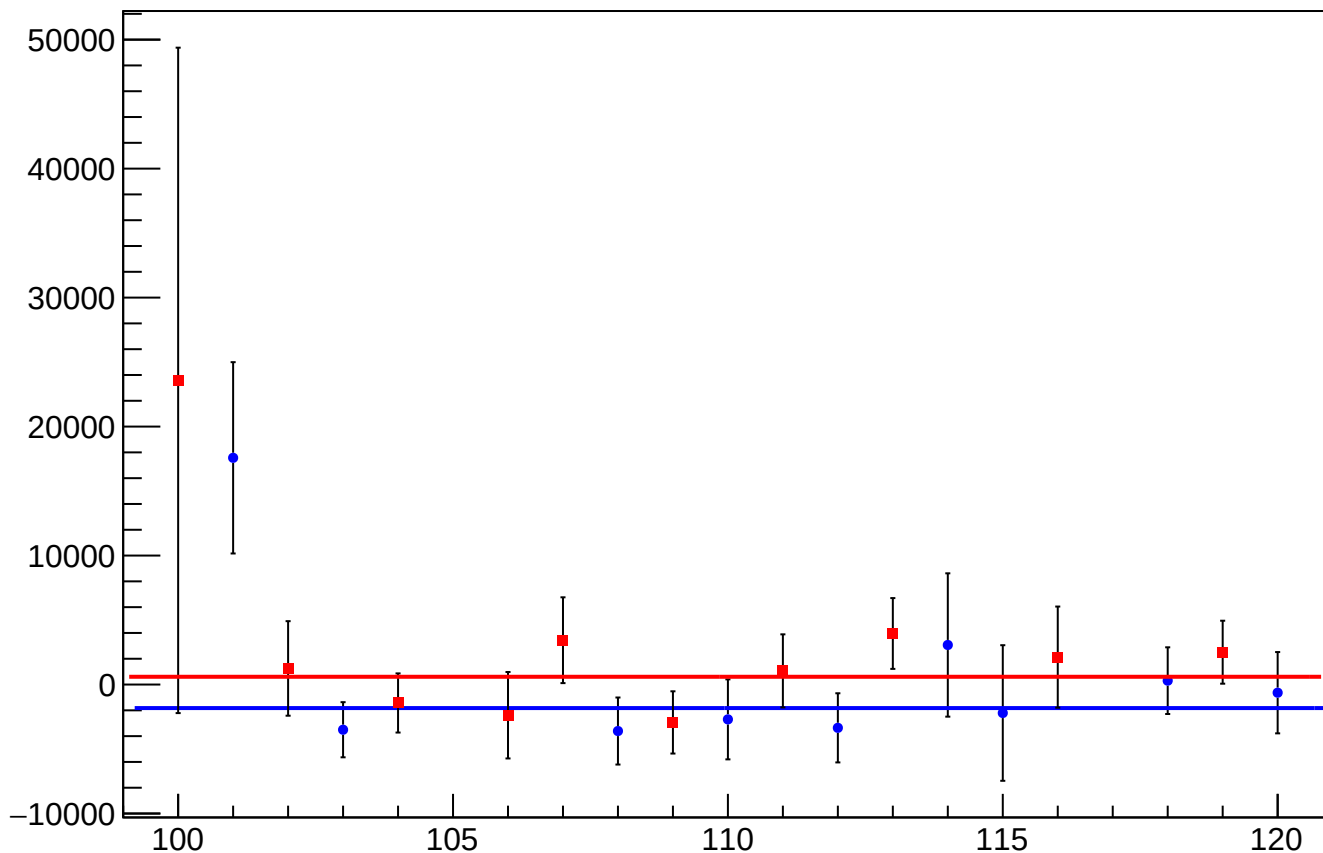
Right: 3408.699+/-0.901 χ^2/NDF : 1032400.5/18

In: 3536.303+/-1.345 χ^2/NDF : 435666.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3408.699+/-0.901 χ^2/NDF : 1032400.5/18

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1824.413 +/- 1027.525 χ^2/NDF : 9.9/8

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 602.663 +/- 950.196 χ^2/NDF : 7.6/9

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

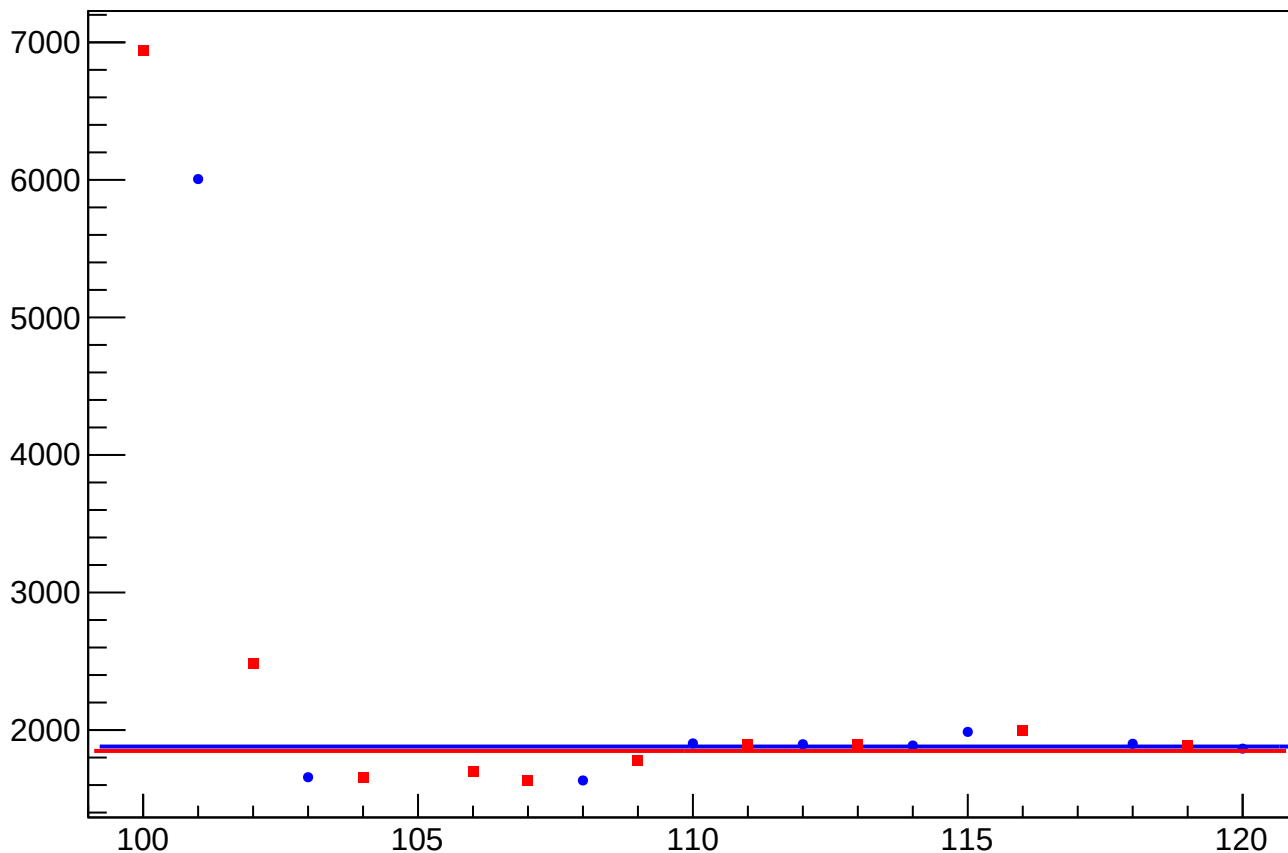
Right: -516.121 +/- 697.628 χ^2/NDF : 20.5/18

In: -1824.413 +/- 1027.525 χ^2/NDF : 9.9/8

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -516.121 +/- 697.628 χ^2/NDF : 20.5/18

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1879.996+/-0.727 χ^2/NDF : 659990.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1847.905+/-0.671 χ^2/NDF : 170976.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

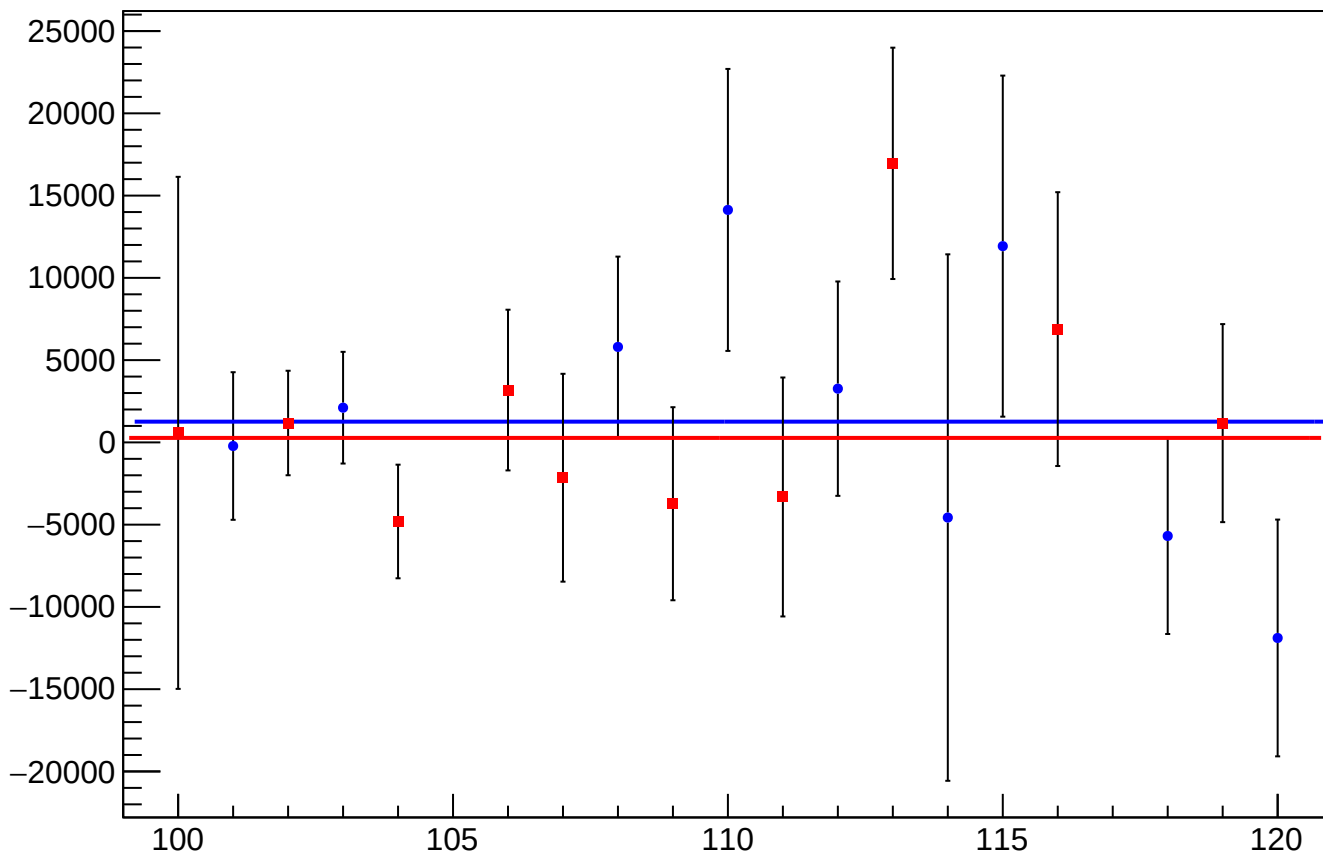
Right: 1862.667+/-0.493 χ^2/NDF : 832019.4/18

In: 1879.996+/-0.727 χ^2/NDF : 659990.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1862.667+/-0.493 χ^2/NDF : 832019.4/18

asym_atr_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1260.305+/-1933.287 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 271.988+/-1656.485 χ^2/NDF : 9.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

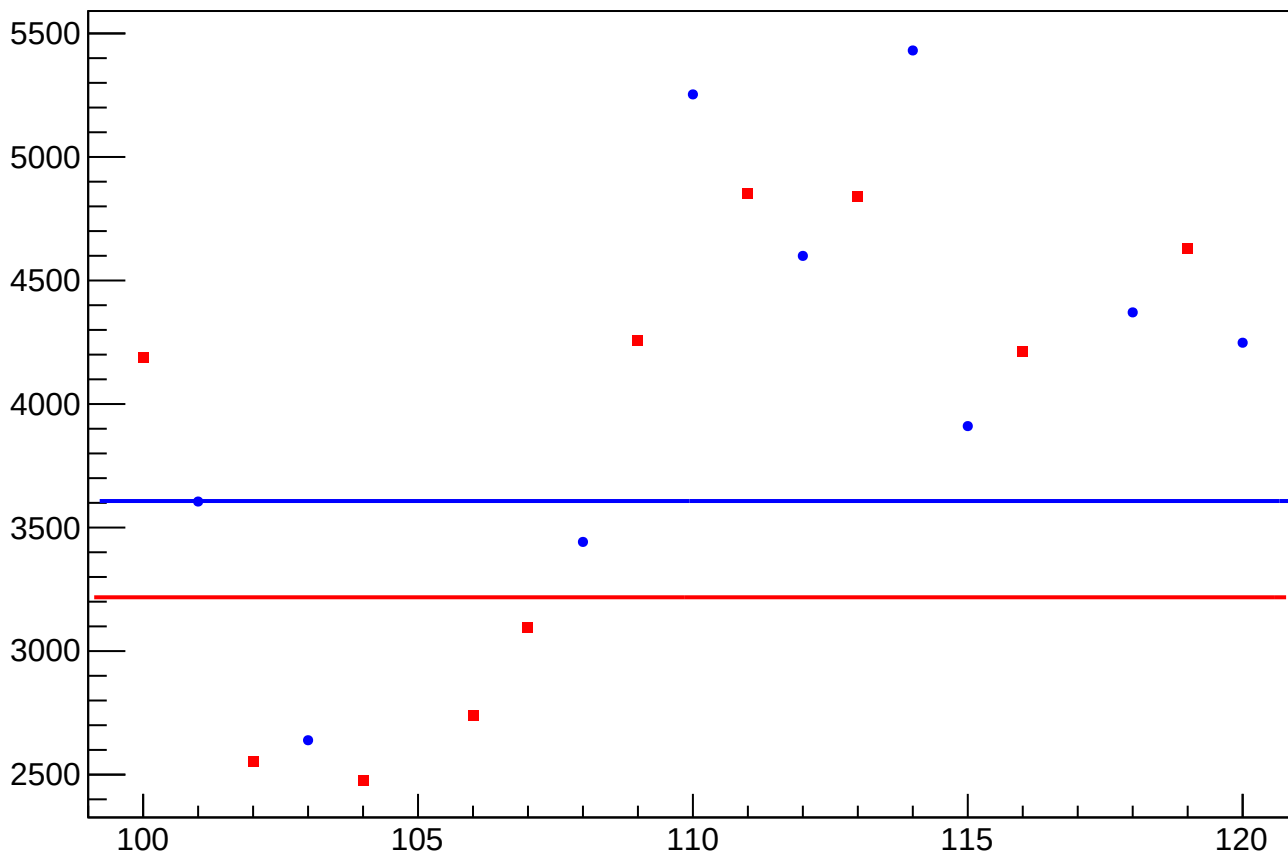
Right: 690.390+/-1257.896 χ^2/NDF : 19.0/18

In: 1260.305+/-1933.287 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 690.390+/-1257.896 χ^2/NDF : 19.0/18

asym_atr_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3607.429+/-1.367 χ^2/NDF : 361105.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3217.784+/-1.171 χ^2/NDF : 616553.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

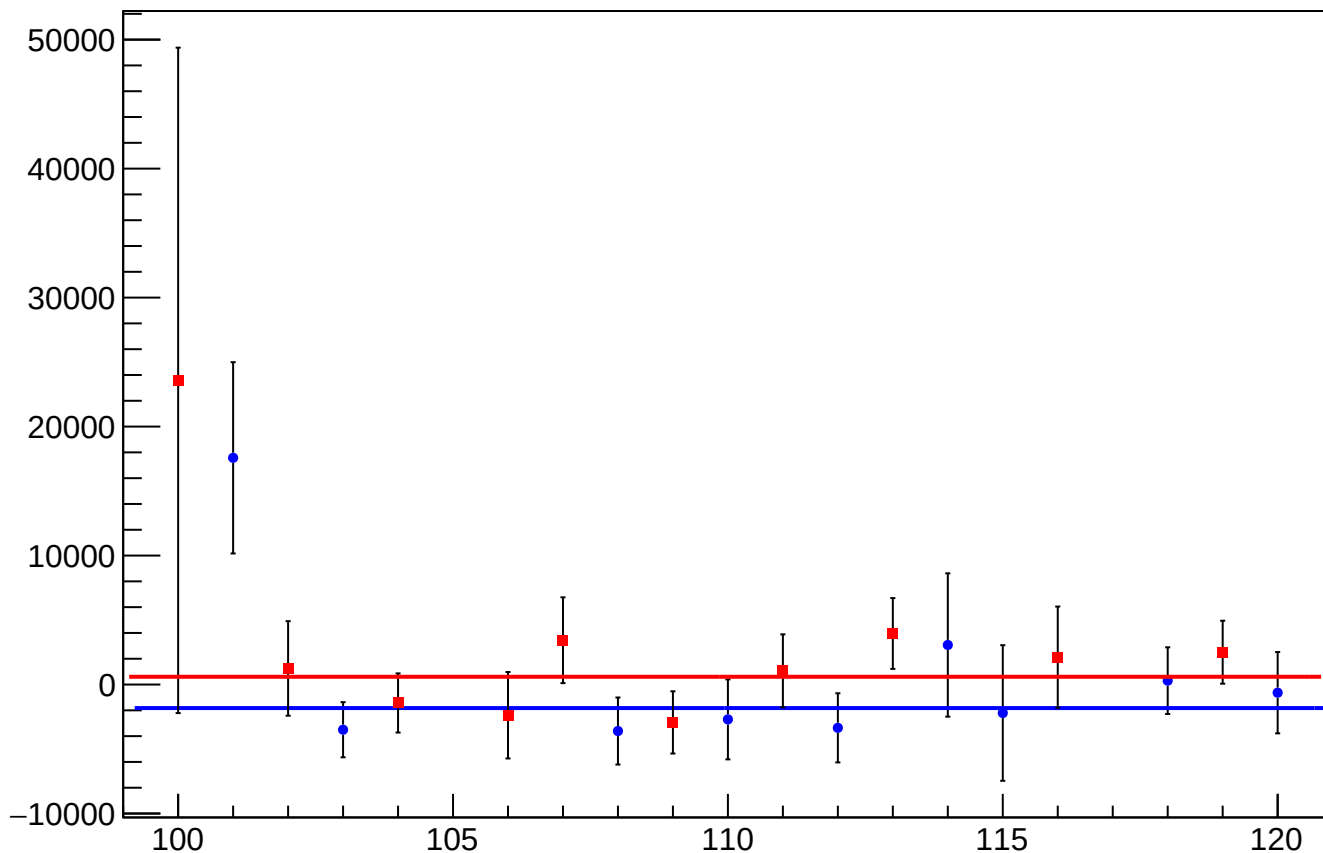
Right: 3382.739+/-0.889 χ^2/NDF : 1024507.5/18

In: 3607.429+/-1.367 χ^2/NDF :361105.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3382.739+/-0.889 χ^2/NDF : 1024507.5/18

eigen_dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1824.408+/-1027.525 χ^2/NDF : 9.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 602.659+/-950.196 χ^2/NDF : 7.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

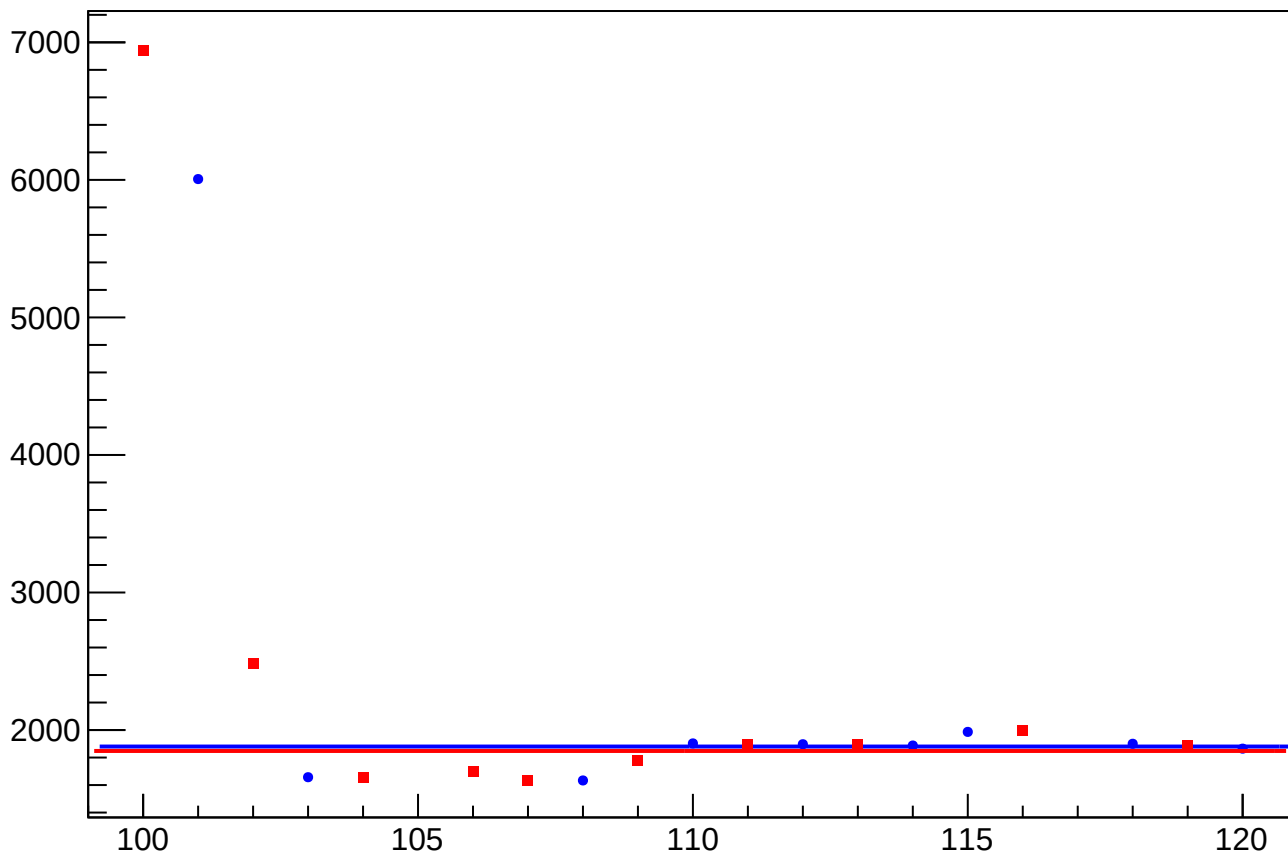
Right: -516.121+/-697.628 χ^2/NDF : 20.5/18

In: -1824.408+/-1027.525 χ^2/NDF : 9.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -516.121+/-697.628 χ^2/NDF : 20.5/18

eigen_dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1879.996+/-0.727 χ^2/NDF : 659990.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1847.905+/-0.671 χ^2/NDF : 170976.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

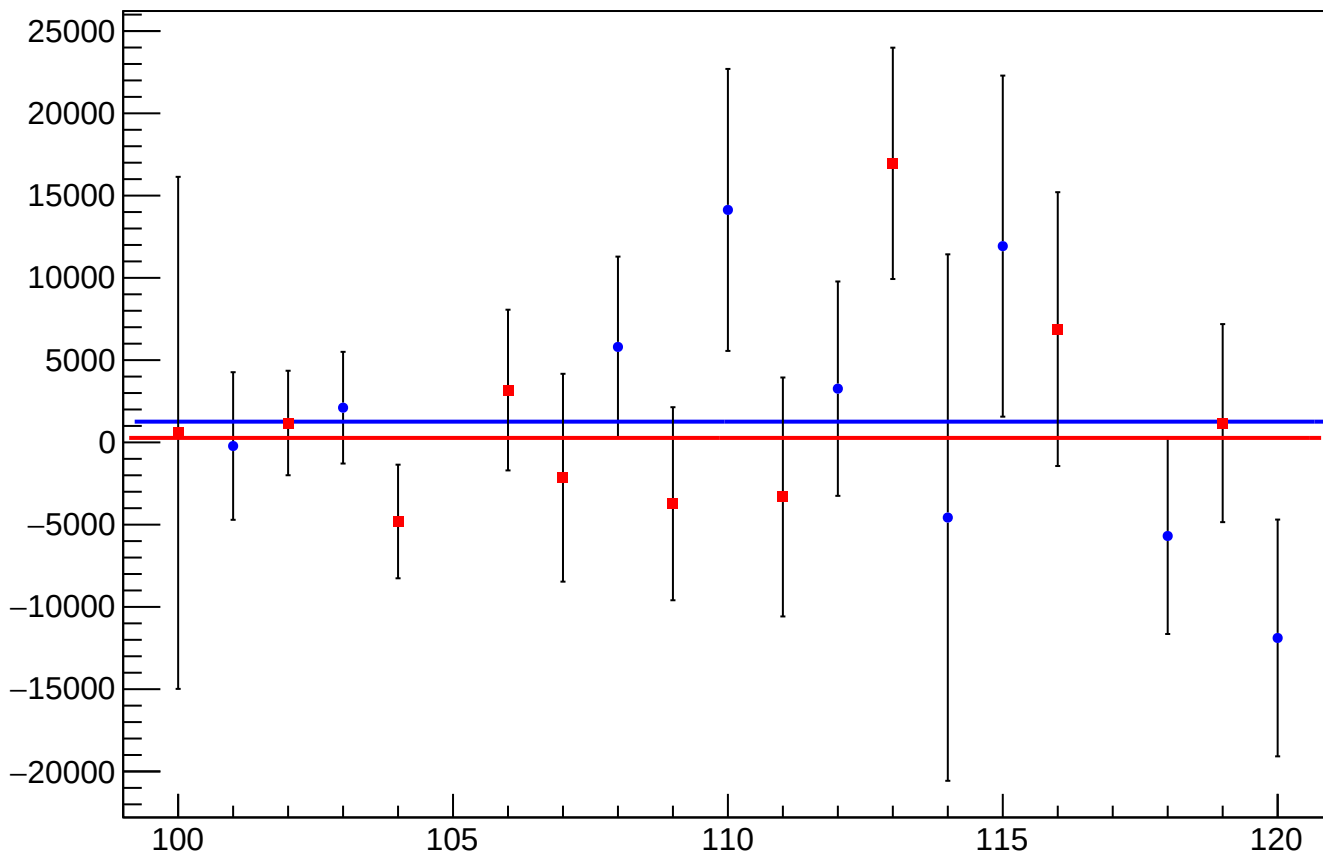
Right: 1862.667+/-0.493 χ^2/NDF : 832019.4/18

In: 1879.996+/-0.727 χ^2/NDF : 659990.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1862.667+/-0.493 χ^2/NDF : 832019.4/18

asym_atr_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1260.303+/-1933.285 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 271.987+/-1656.483 χ^2/NDF : 9.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

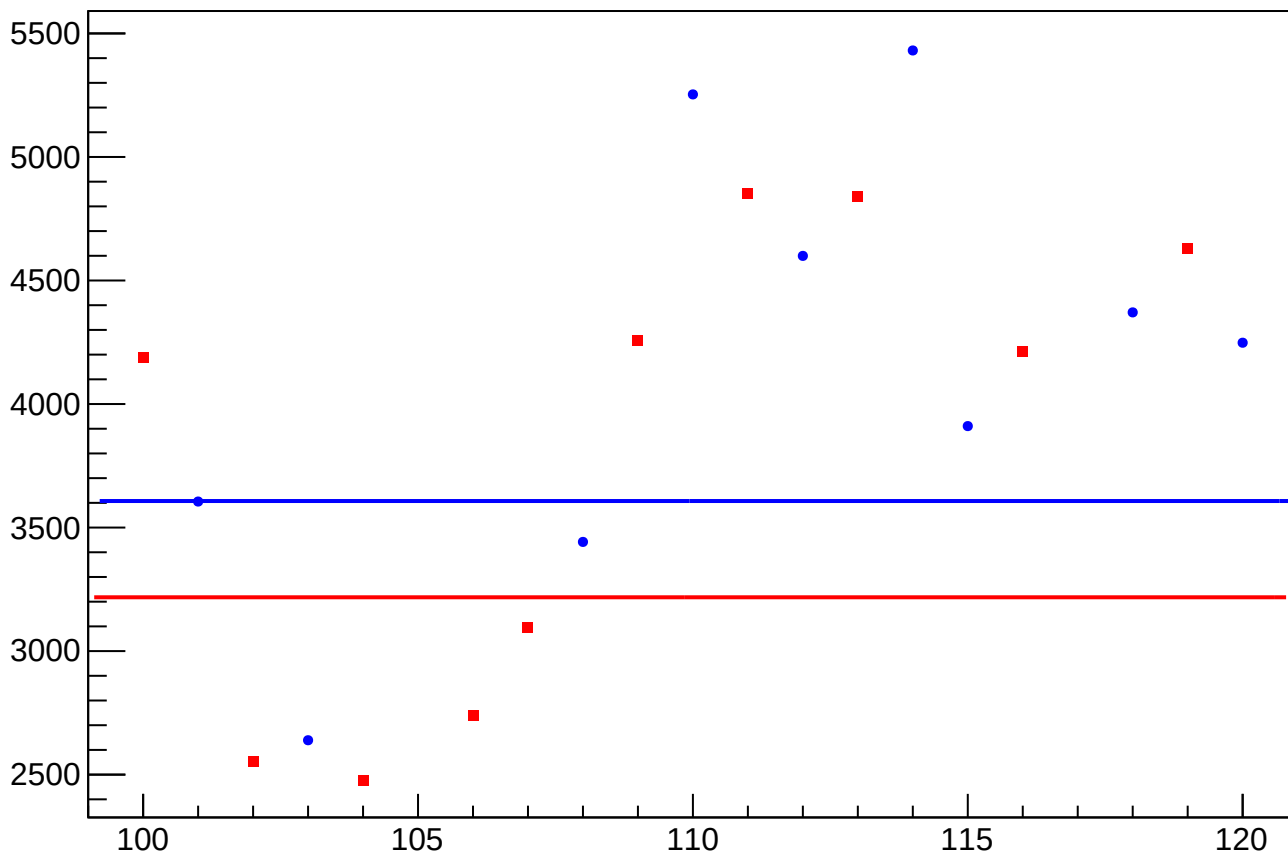
Right: 690.388+/-1257.895 χ^2/NDF : 19.0/18

In: 1260.303+/-1933.285 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 690.388+/-1257.895 χ^2/NDF : 19.0/18

asym_atr_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3607.426+/-1.367 χ^2/NDF : 361102.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3217.781+/-1.171 χ^2/NDF : 616550.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

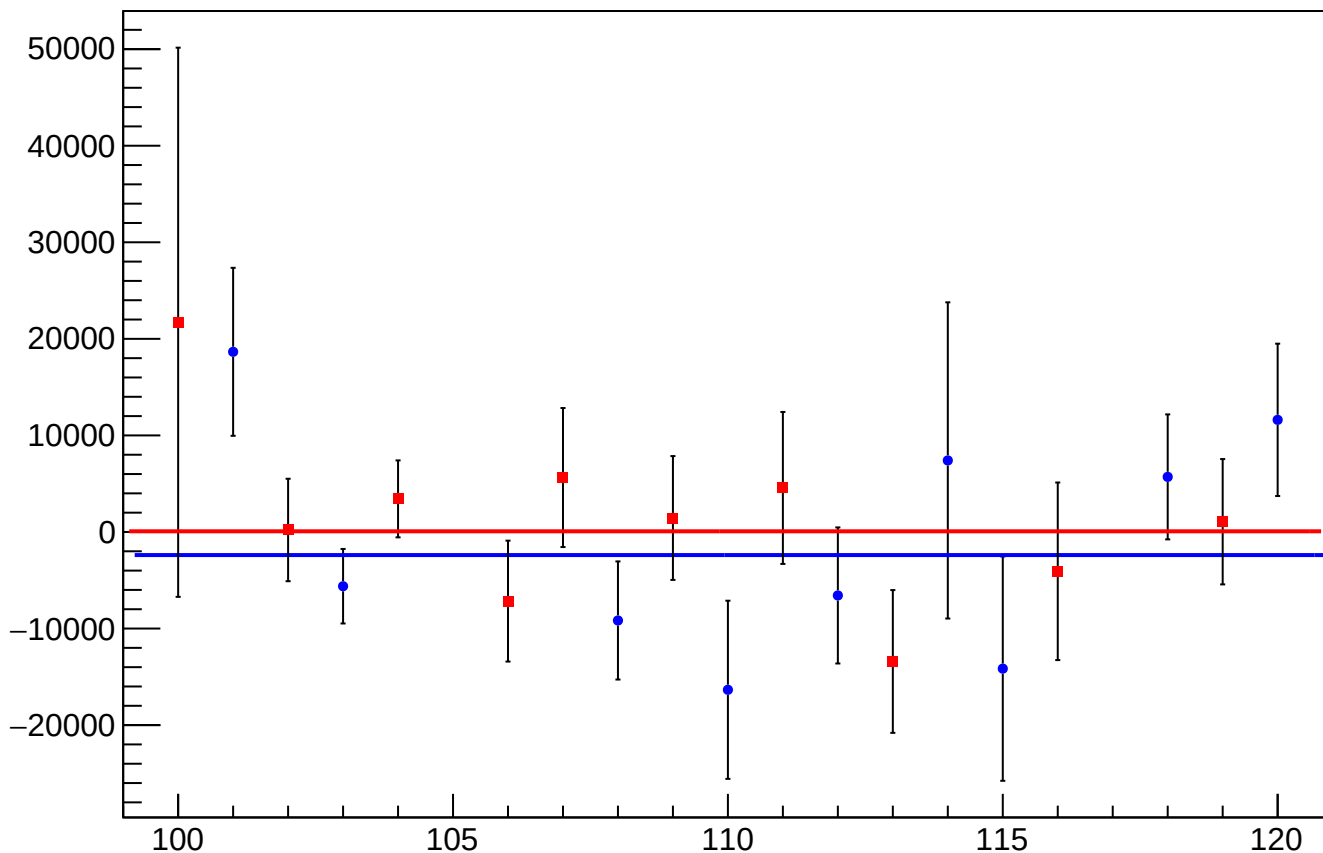
Right: 3382.736+/-0.889 χ^2/NDF : 1024500.3/18

In: 3607.426+/-1.367 χ^2/NDF : 361102.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3382.736+/-0.889 χ^2/NDF : 1024500.3/18

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2390.820+/-2293.322 χ^2/NDF : 16.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.547+/-2045.937 χ^2/NDF : 7.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

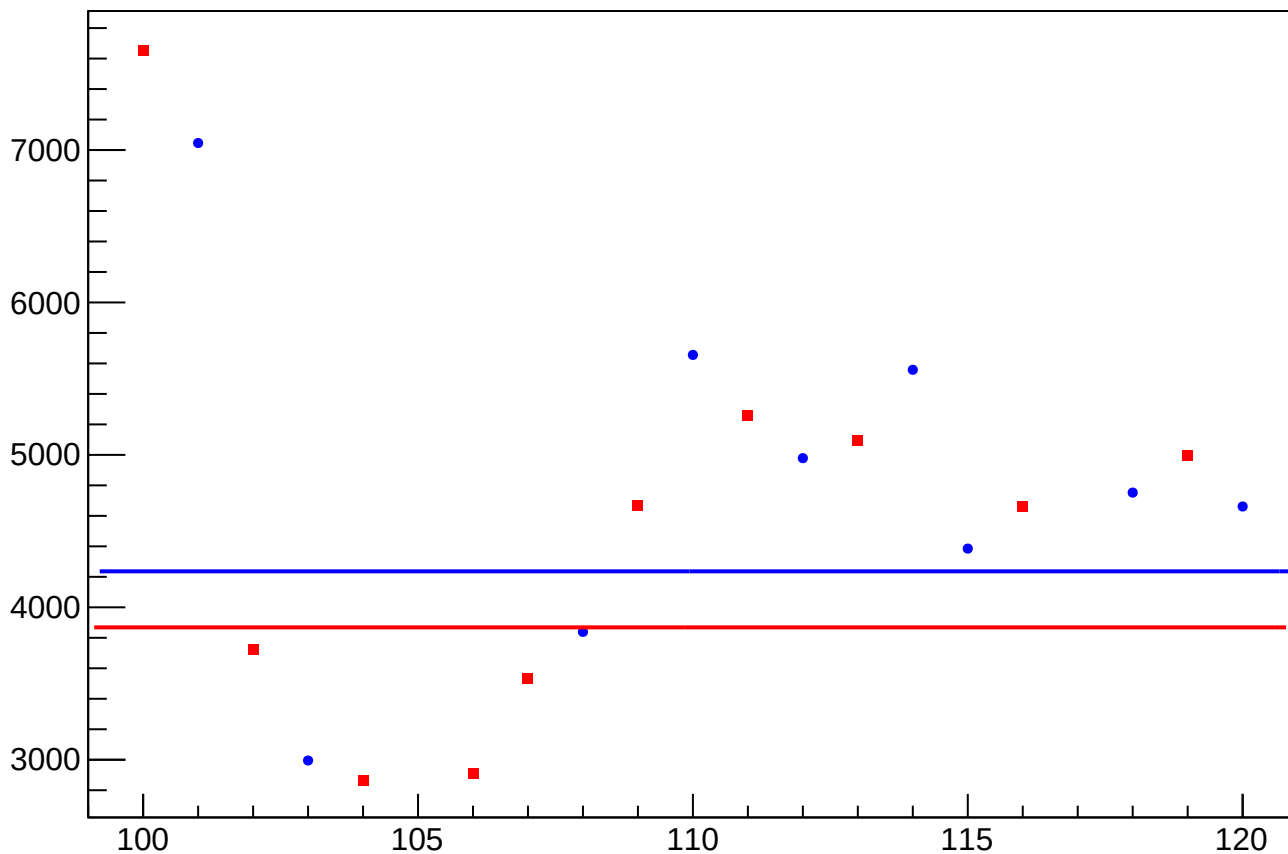
Right: -1020.266+/-1526.694 χ^2/NDF : 24.3/18

In: -2390.820+/-2293.322 χ^2/NDF : 16.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1020.266+/-1526.694 χ^2/NDF : 24.3/18

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4236.091+/-1.622 χ^2/NDF : 525685.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3868.479+/-1.428 χ^2/NDF : 450661.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

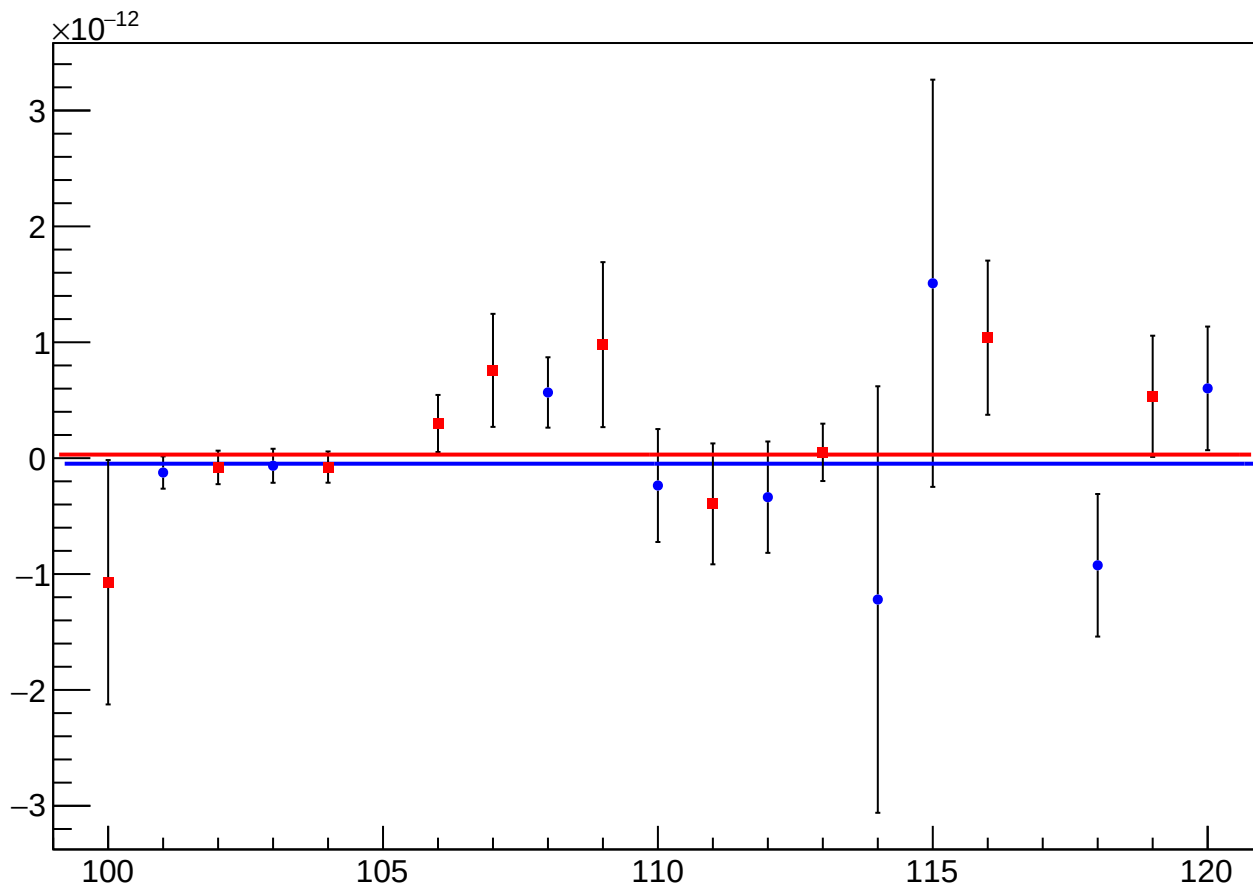
Right: 4029.047+/-1.072 χ^2/NDF : 1005290.4/18

In: 4236.091+/-1.622 χ^2/NDF : 525685.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4029.047+/-1.072 χ^2/NDF : 1005290.4/18

asym_atr_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 9.6/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 11.4/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

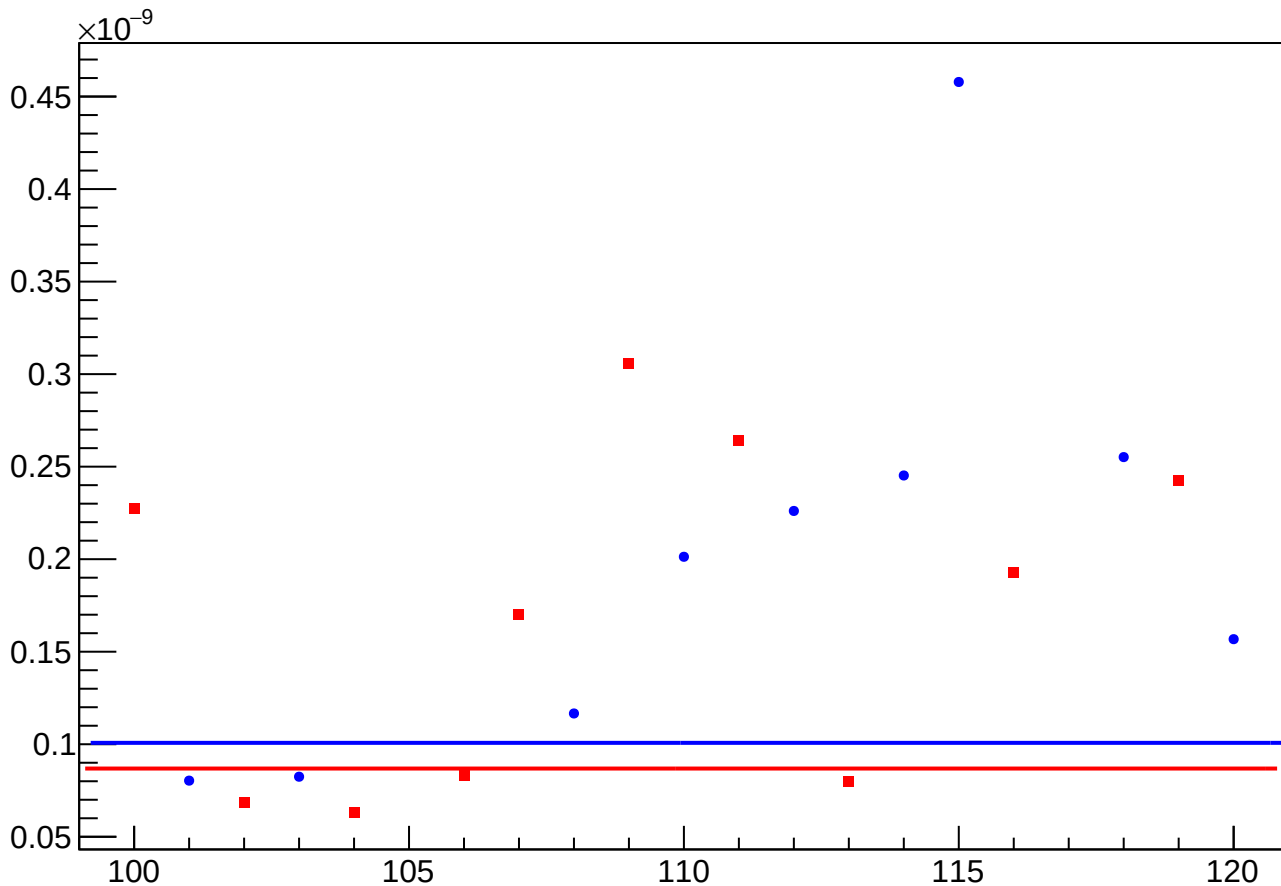
Right: -0.000+/-0.000 χ^2 /NDF: 21.5/18

In: -0.000+/-0.000 χ^2 /NDF:9.6/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 21.5/18

asym_atr_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 543753.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 838113.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

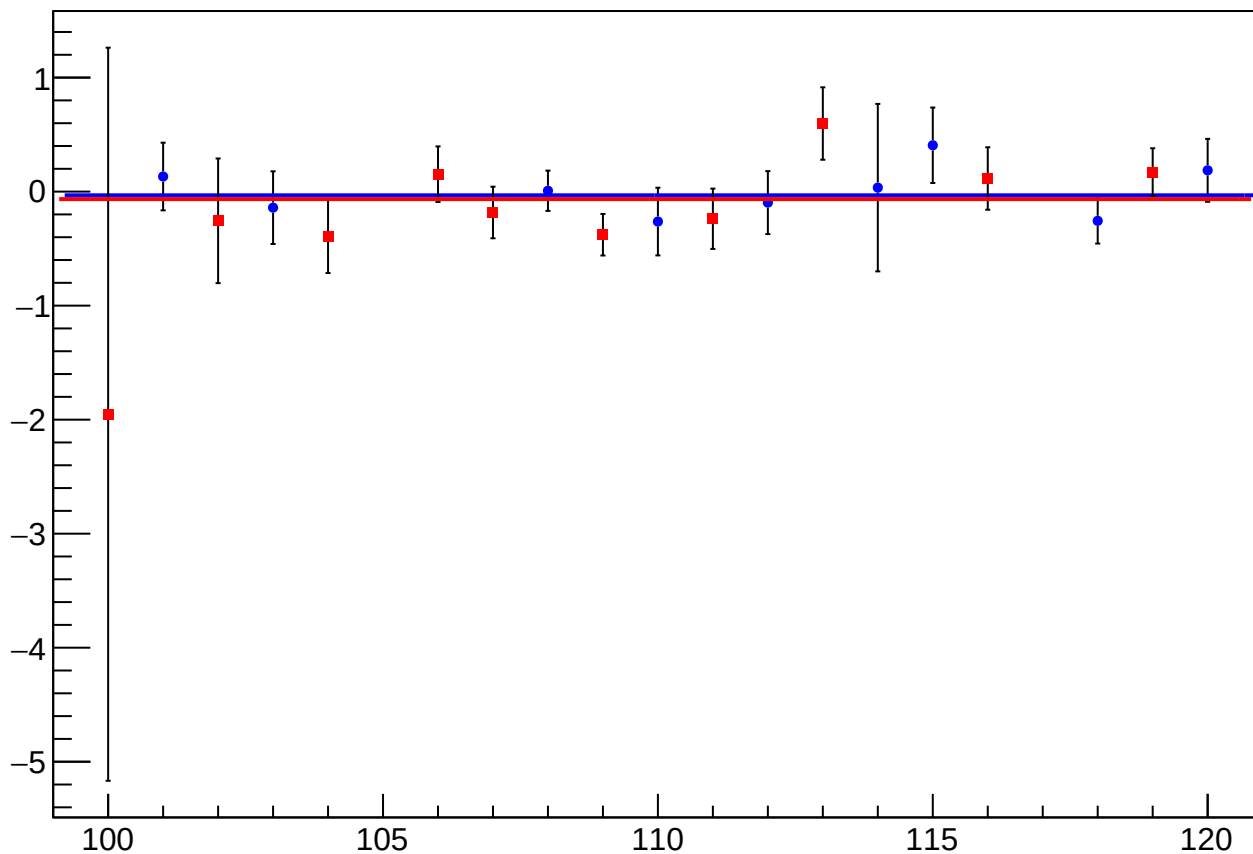
Right: 0.000+/-0.000 χ^2/NDF : 1408238.3/18

In: 0.000+/-0.000 χ^2/NDF : 543753.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1408238.3/18

asym_atr_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.032 ± 0.089 χ^2/NDF : 4.8/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.066 ± 0.085 χ^2/NDF : 12.0/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

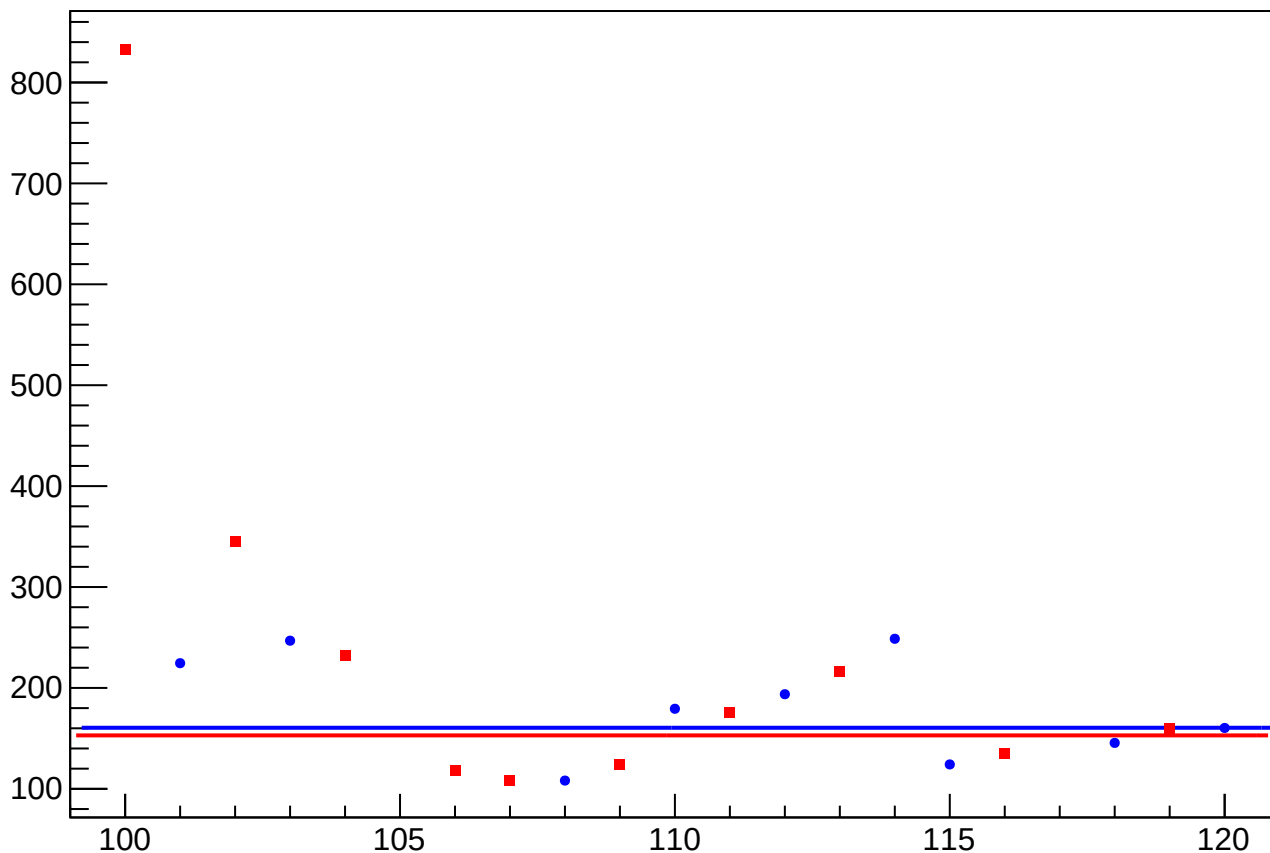
Right: -0.050 ± 0.061 χ^2/NDF : 16.8/18

In: -0.032 ± 0.089 χ^2/NDF : 4.8/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.050 ± 0.061 χ^2/NDF : 16.8/18

asym_atr_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 160.537+/-0.063 χ^2/NDF : 516540.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.969+/-0.060 χ^2/NDF : 730259.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

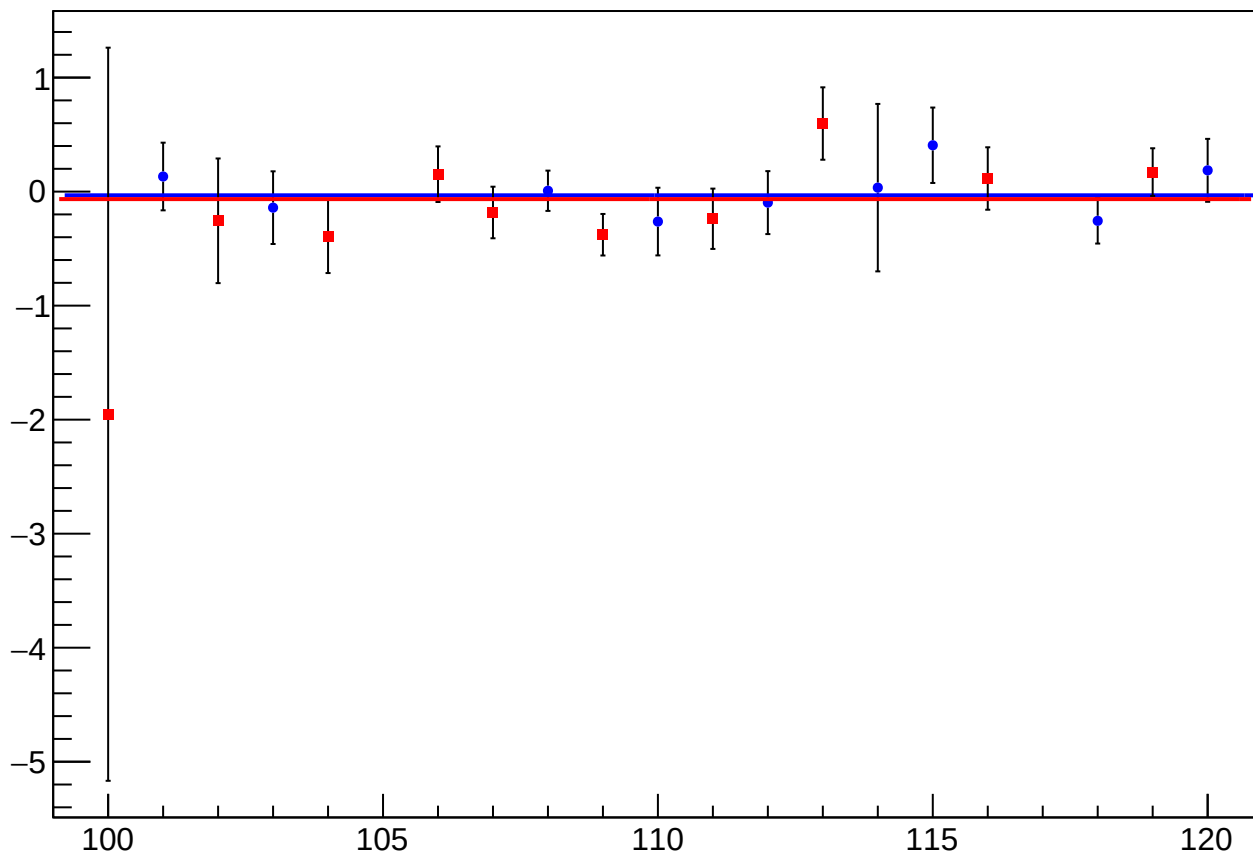
Right: 156.571+/-0.043 χ^2/NDF : 1254427.1/18

In: 160.537+/-0.063 χ^2/NDF : 516540.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.571+/-0.043 χ^2/NDF : 1254427.1/18

asym_atr_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.032 ± 0.089 χ^2/NDF : 4.8/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.066 ± 0.085 χ^2/NDF : 12.0/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

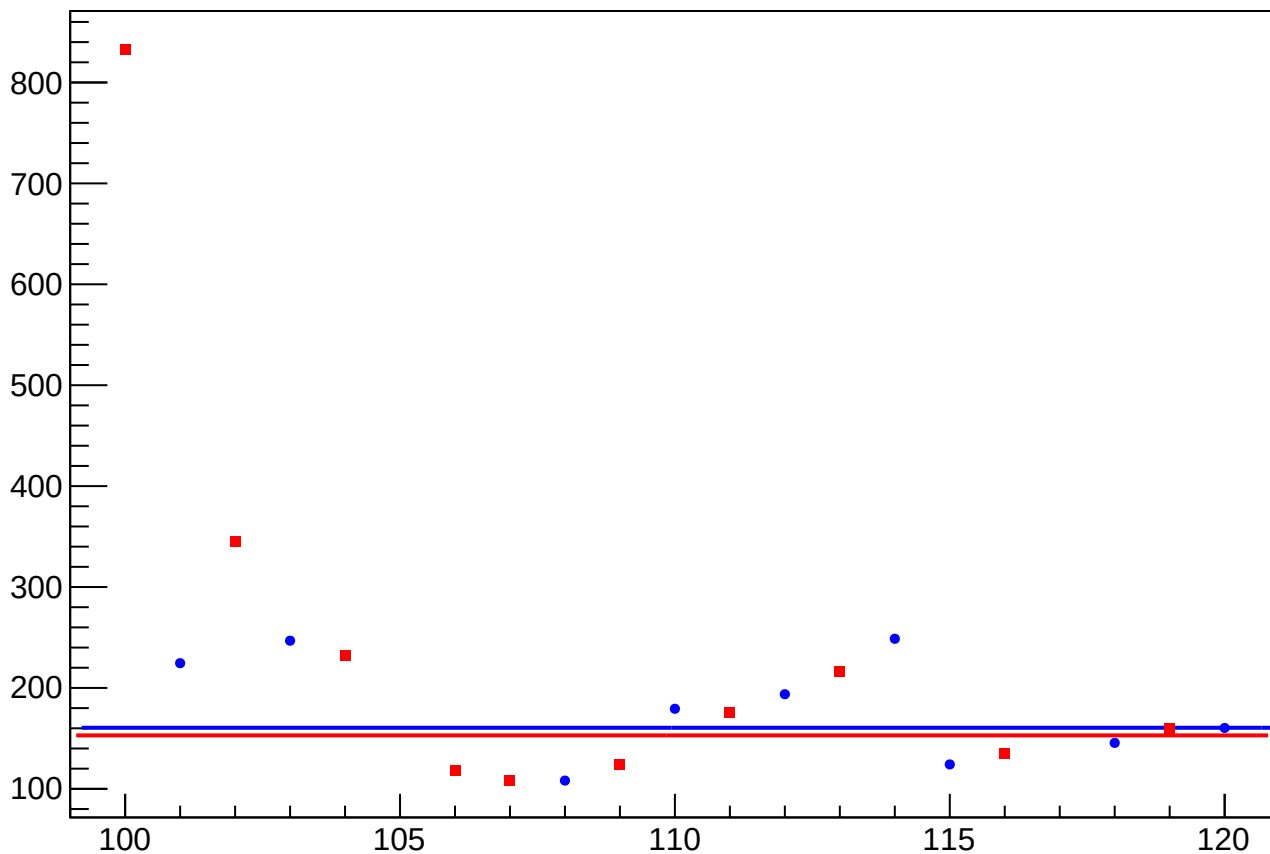
Right: -0.050 ± 0.061 χ^2/NDF : 16.8/18

In: -0.032 ± 0.089 χ^2/NDF : 4.8/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.050 ± 0.061 χ^2/NDF : 16.8/18

asym_atr_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 160.537+/-0.063 χ^2/NDF : 516540.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.969+/-0.060 χ^2/NDF : 730259.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

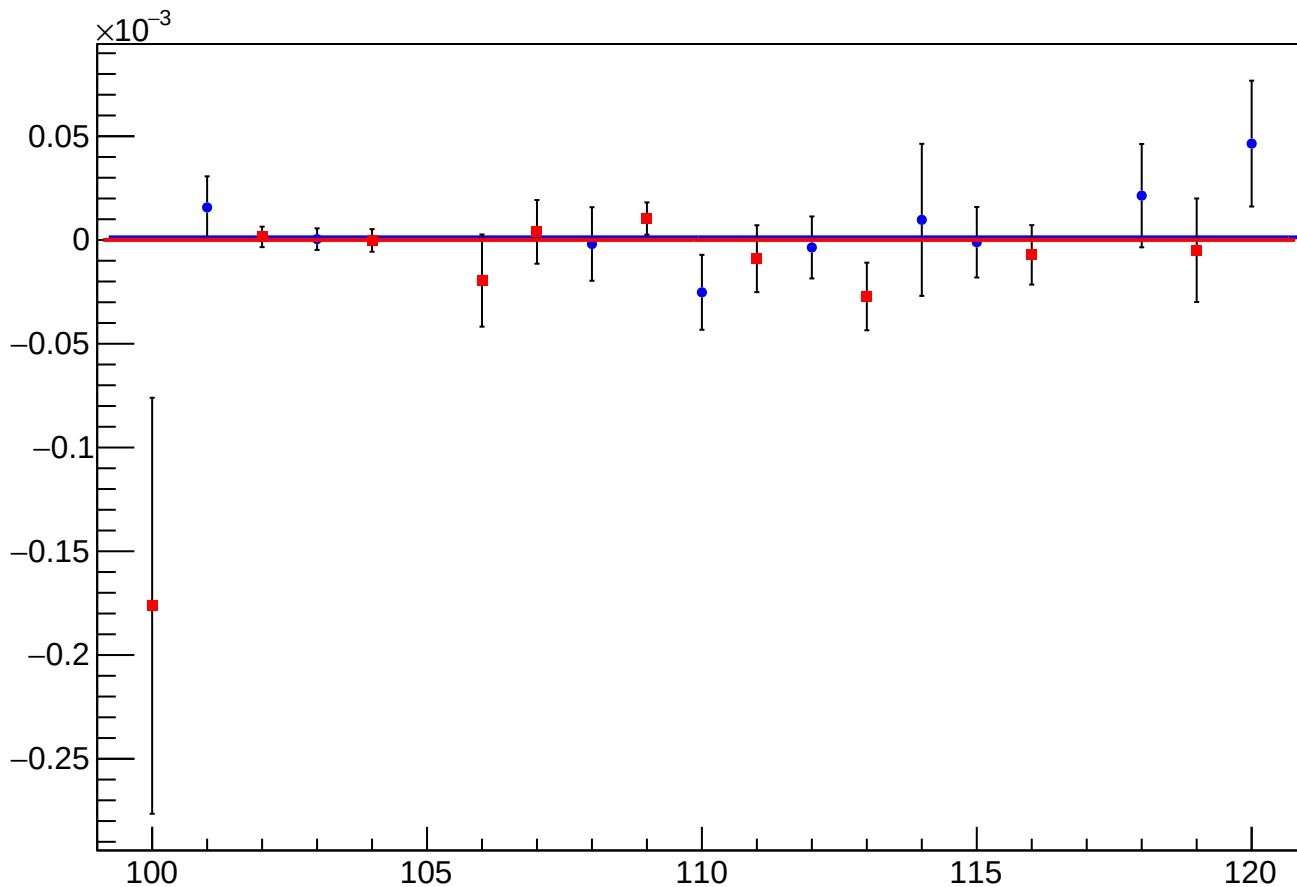
Right: 156.571+/-0.043 χ^2/NDF : 1254427.1/18

In: 160.537+/-0.063 χ^2/NDF : 516540.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.571+/-0.043 χ^2/NDF : 1254427.1/18

asym_atr_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

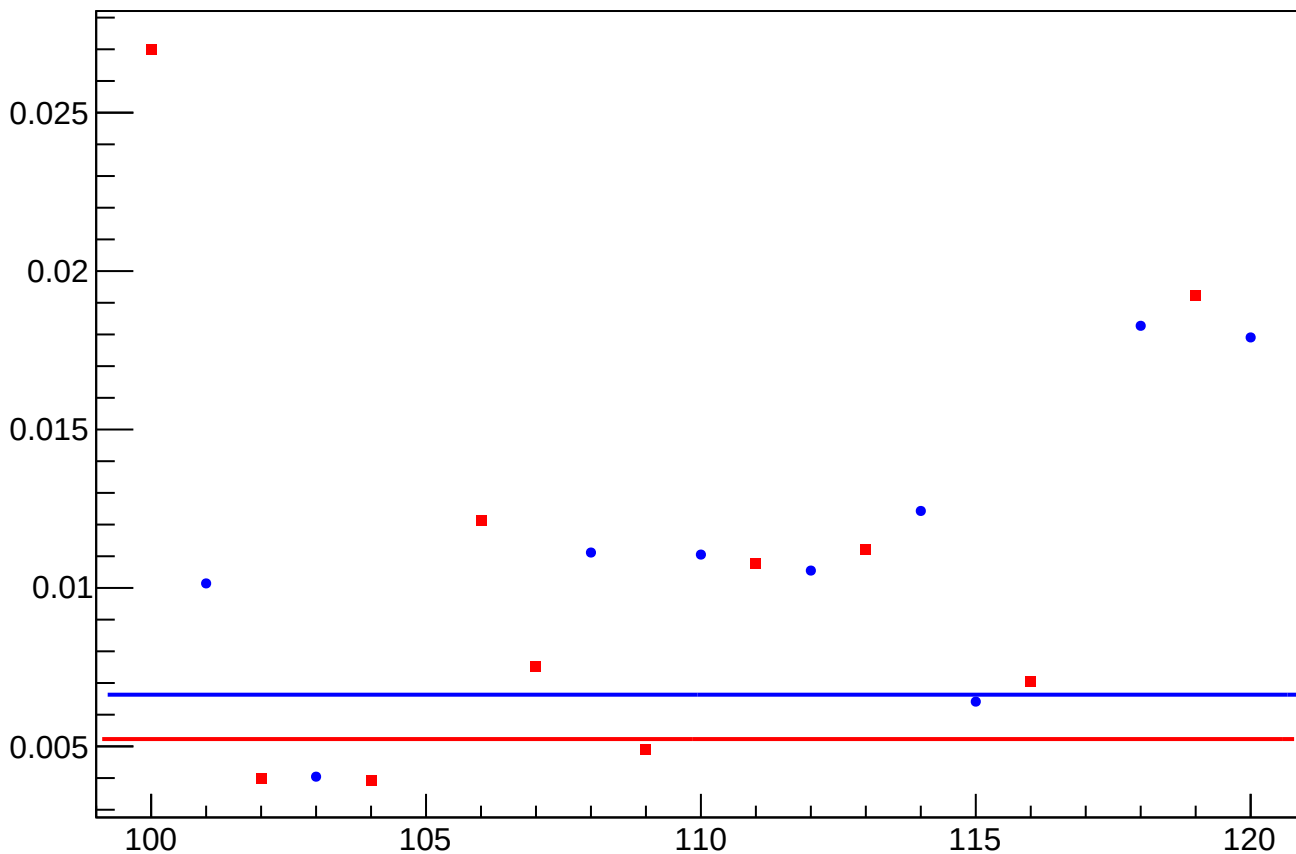
Right: 0.000+/-0.000 χ^2/NDF : 15.4/18

In: 0.000+/-0.000 χ^2/NDF : 6.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.4/18

asym_atr_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 1754998.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1747838.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

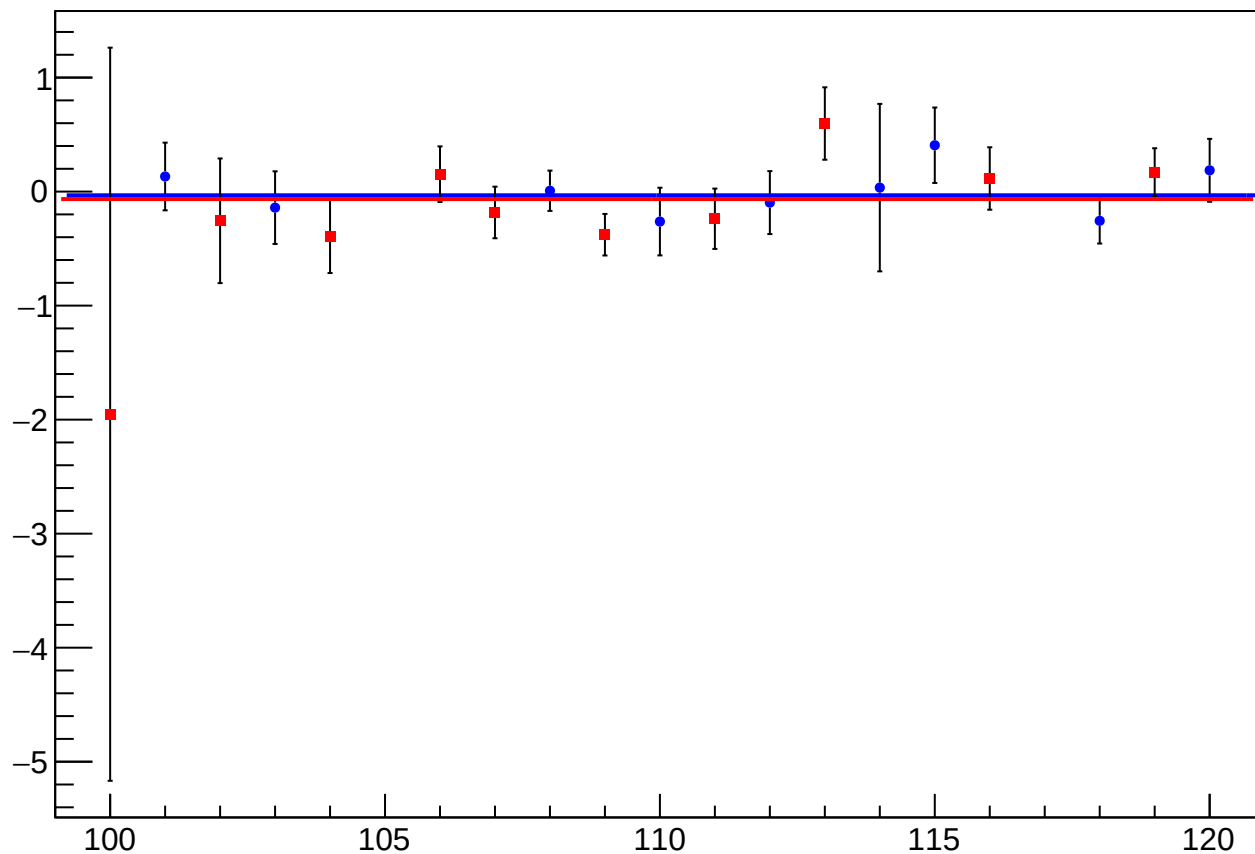
Right: 0.006+/-0.000 χ^2/NDF : 3654448.0/18

In: 0.007+/-0.000 χ^2/NDF :1754998.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 3654448.0/18

asym_atr_dd_eigen_dit_vs_Slug, Sign Corrected



Right In: -0.032 ± 0.089 χ^2/NDF : 4.8/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.066 ± 0.085 χ^2/NDF : 12.0/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

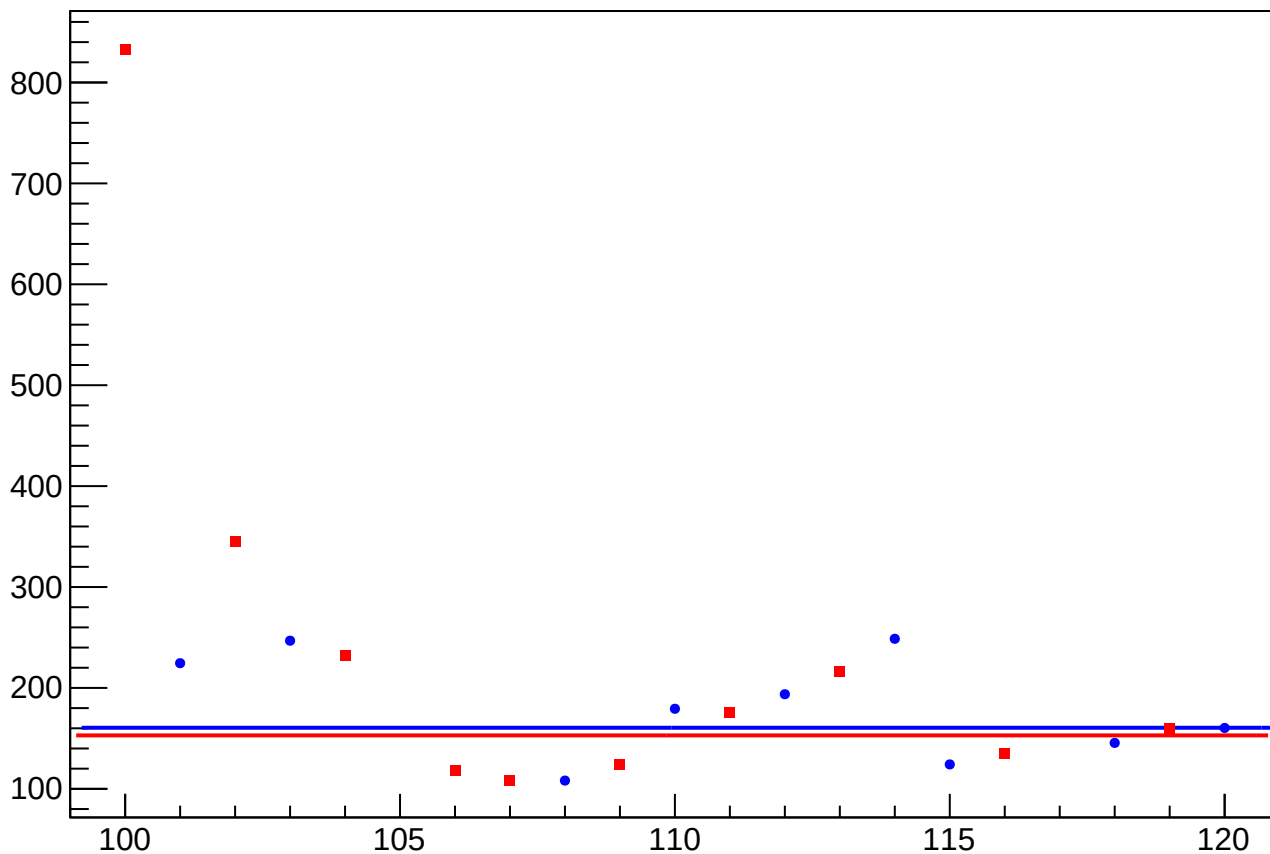
Right: -0.050 ± 0.061 χ^2/NDF : 16.8/18

In: -0.032 ± 0.089 χ^2/NDF : 4.8/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.050 ± 0.061 χ^2/NDF : 16.8/18

asym_atr_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 160.534+/-0.063 χ^2/NDF : 516586.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.970+/-0.060 χ^2/NDF : 730263.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

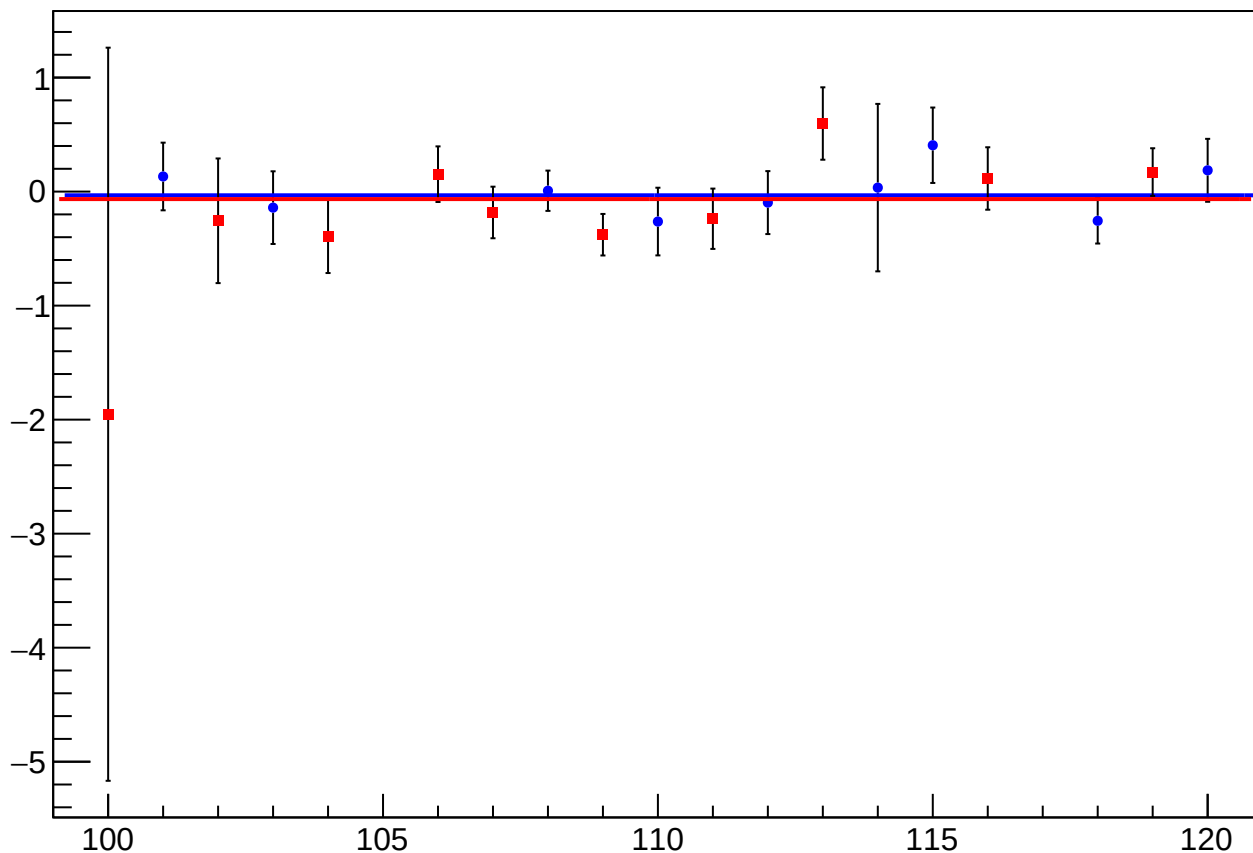
Right: 156.570+/-0.043 χ^2/NDF : 1254469.7/18

In: 160.534+/-0.063 χ^2/NDF : 516586.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.570+/-0.043 χ^2/NDF : 1254469.7/18

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.032 ± 0.089 χ^2/NDF : 4.8/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.066 ± 0.085 χ^2/NDF : 12.0/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

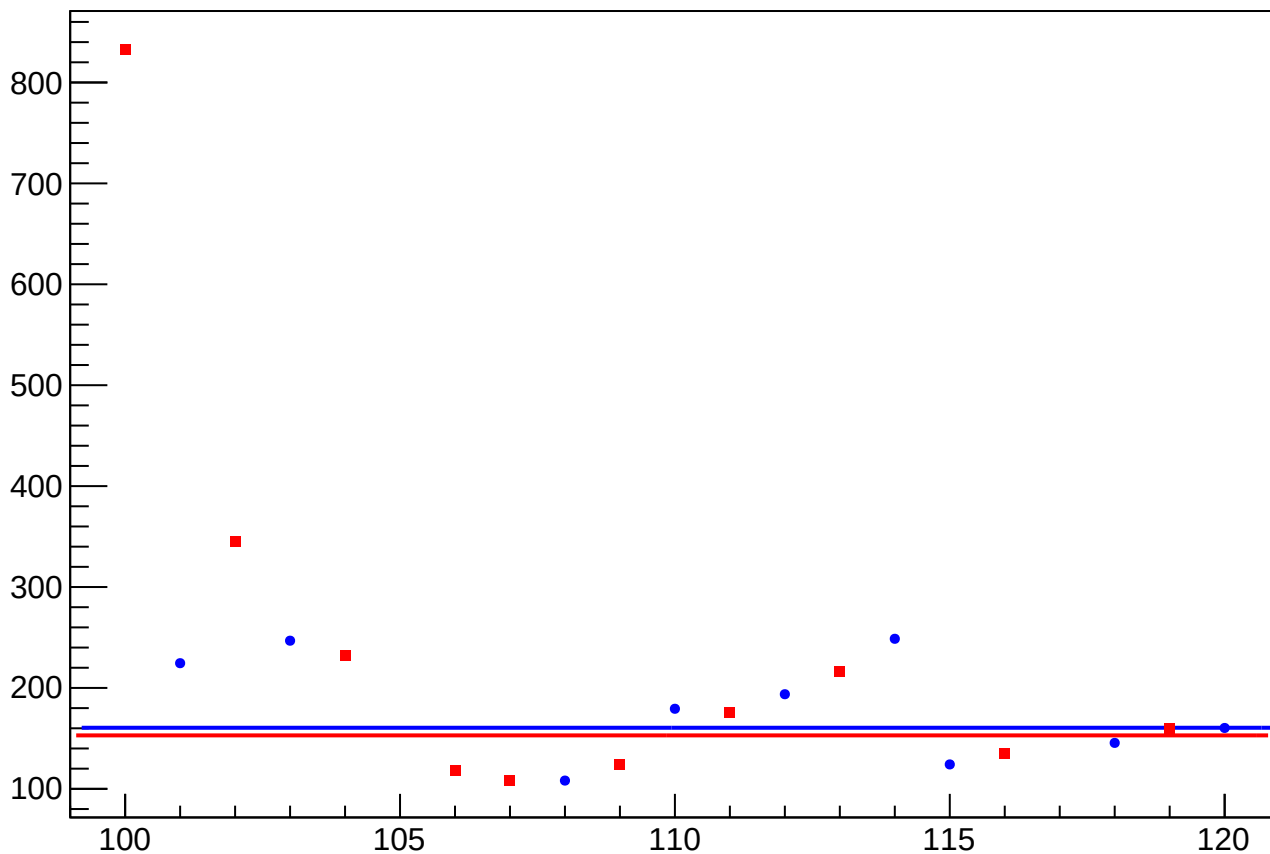
Right: -0.050 ± 0.061 χ^2/NDF : 16.8/18

In: -0.032 ± 0.089 χ^2/NDF : 4.8/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.050 ± 0.061 χ^2/NDF : 16.8/18

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 160.534+/-0.063 χ^2/NDF : 516586.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.970+/-0.060 χ^2/NDF : 730263.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

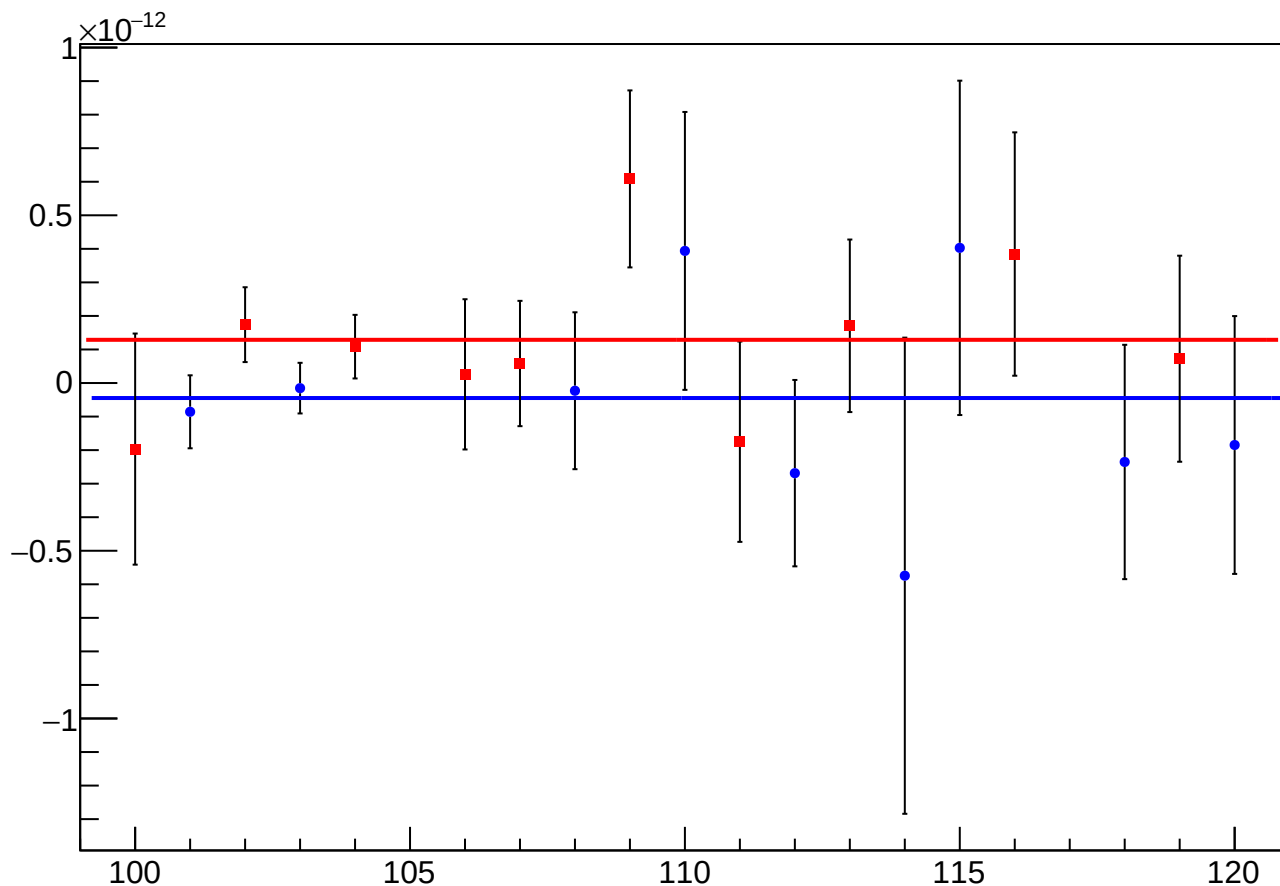
Right: 156.570+/-0.043 χ^2/NDF : 1254469.7/18

In: 160.534+/-0.063 χ^2/NDF : 516586.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.570+/-0.043 χ^2/NDF : 1254469.7/18

asym_atr_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

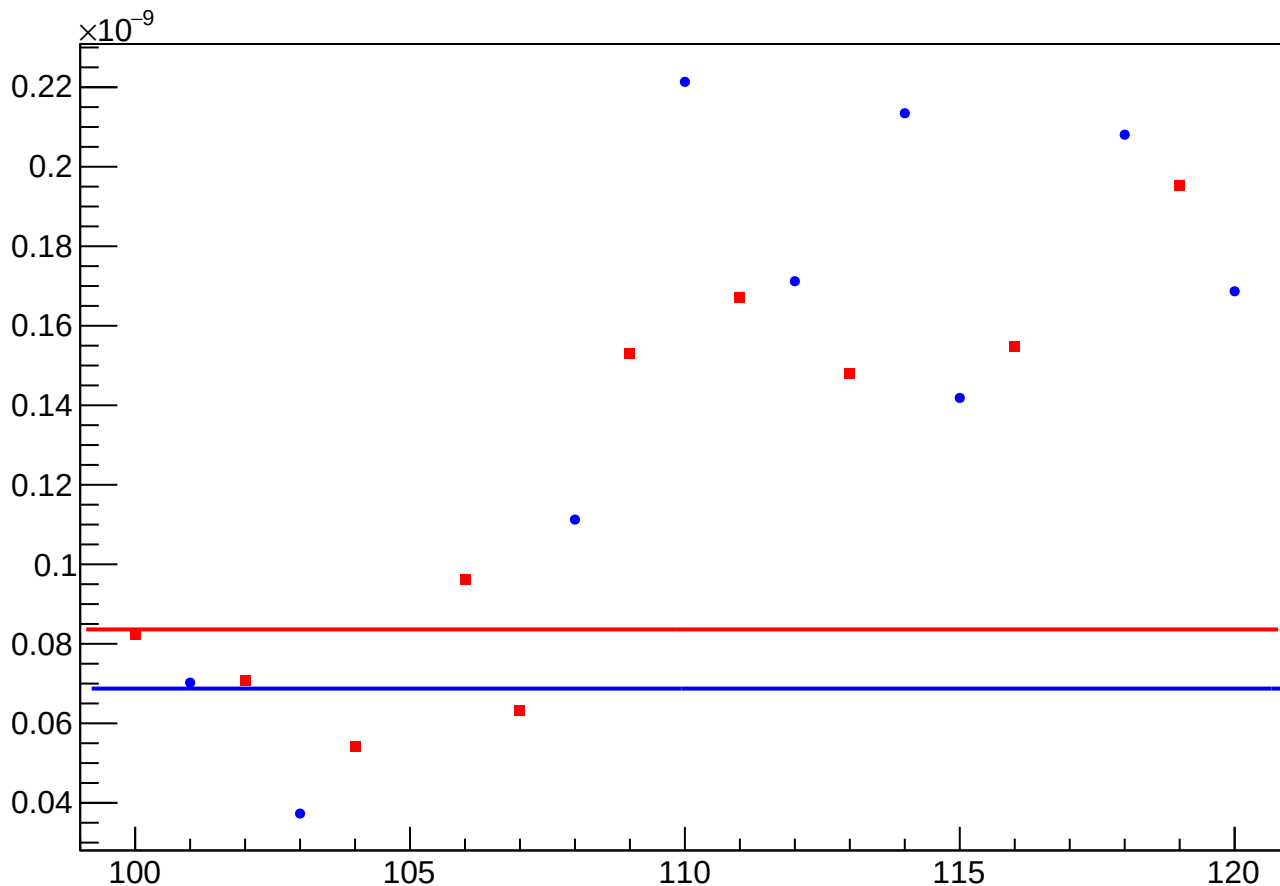
Right: 0.000+/-0.000 χ^2/NDF : 14.9/18

In: -0.000+/-0.000 χ^2/NDF : 3.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.9/18

asym_atr_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1536873.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1009319.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

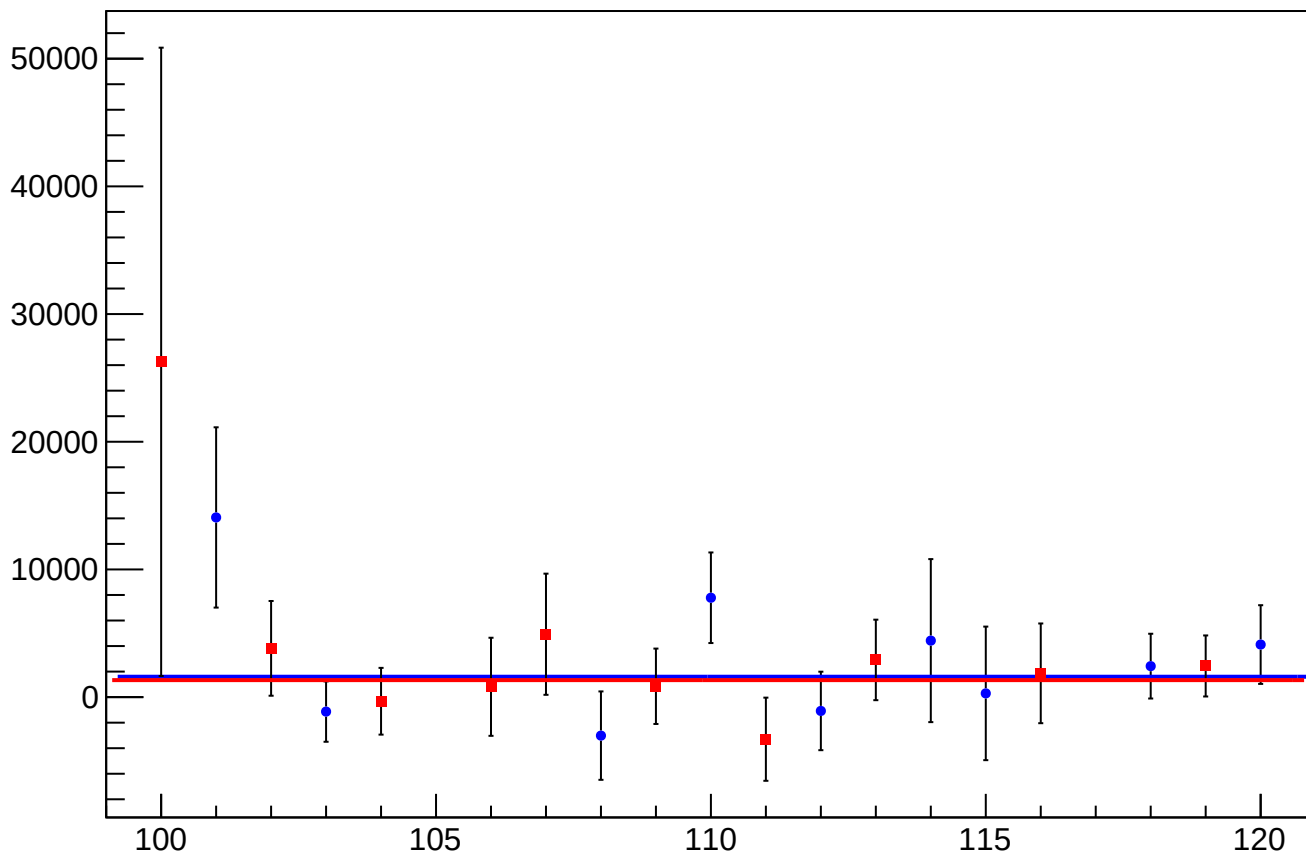
Right: 0.000+/-0.000 χ^2/NDF : 2615423.2/18

In: 0.000+/-0.000 χ^2/NDF : 1536873.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2615423.2/18

reg_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1597.897+/-1125.178 χ^2/NDF : 11.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1332.269+/-1064.020 χ^2/NDF : 5.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

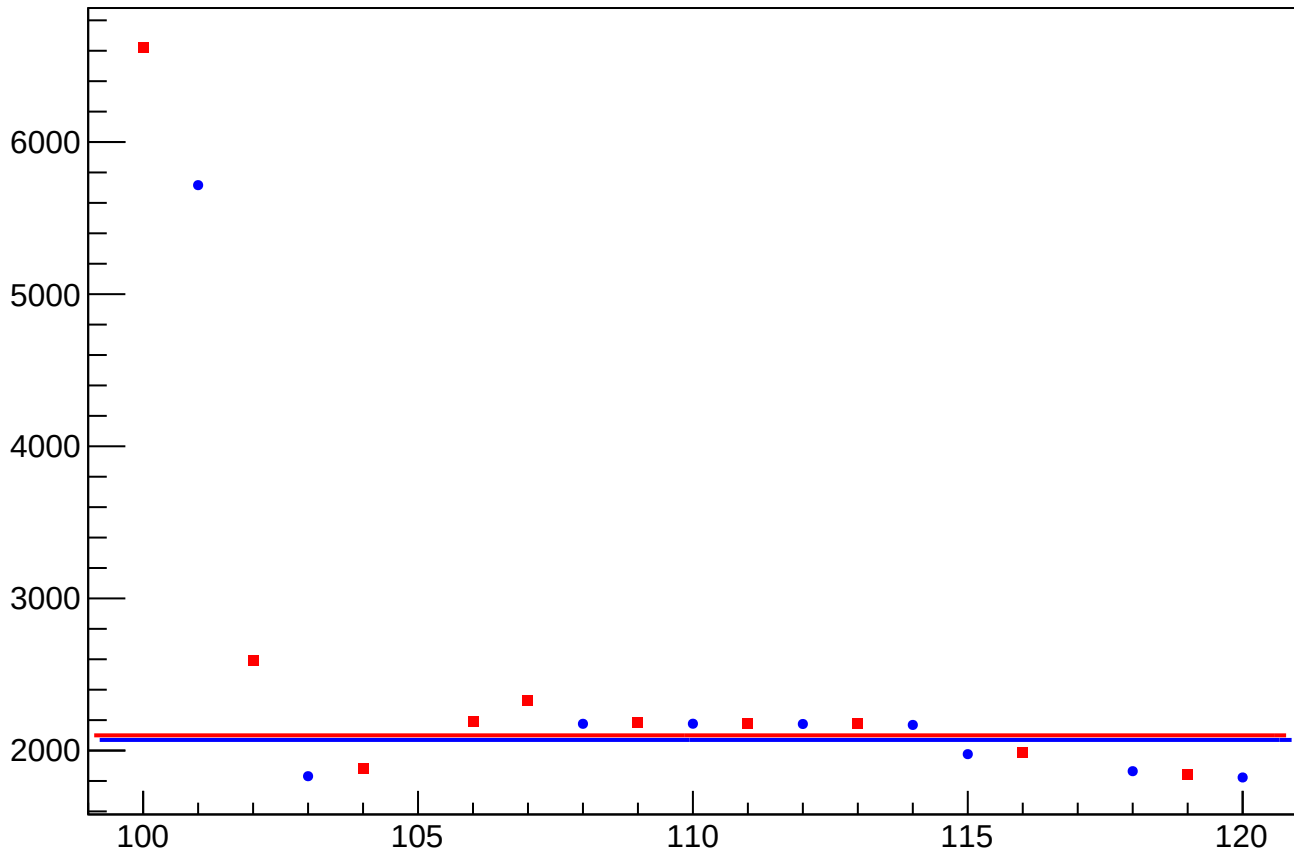
Right: 1457.668+/-773.093 χ^2/NDF : 16.1/18

In: 1597.897+/-1125.178 χ^2/NDF : 11.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1457.668+/-773.093 χ^2/NDF : 16.1/18

reg_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2069.782+/-0.796 χ^2/NDF : 587114.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2099.947+/-0.752 χ^2/NDF : 151340.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

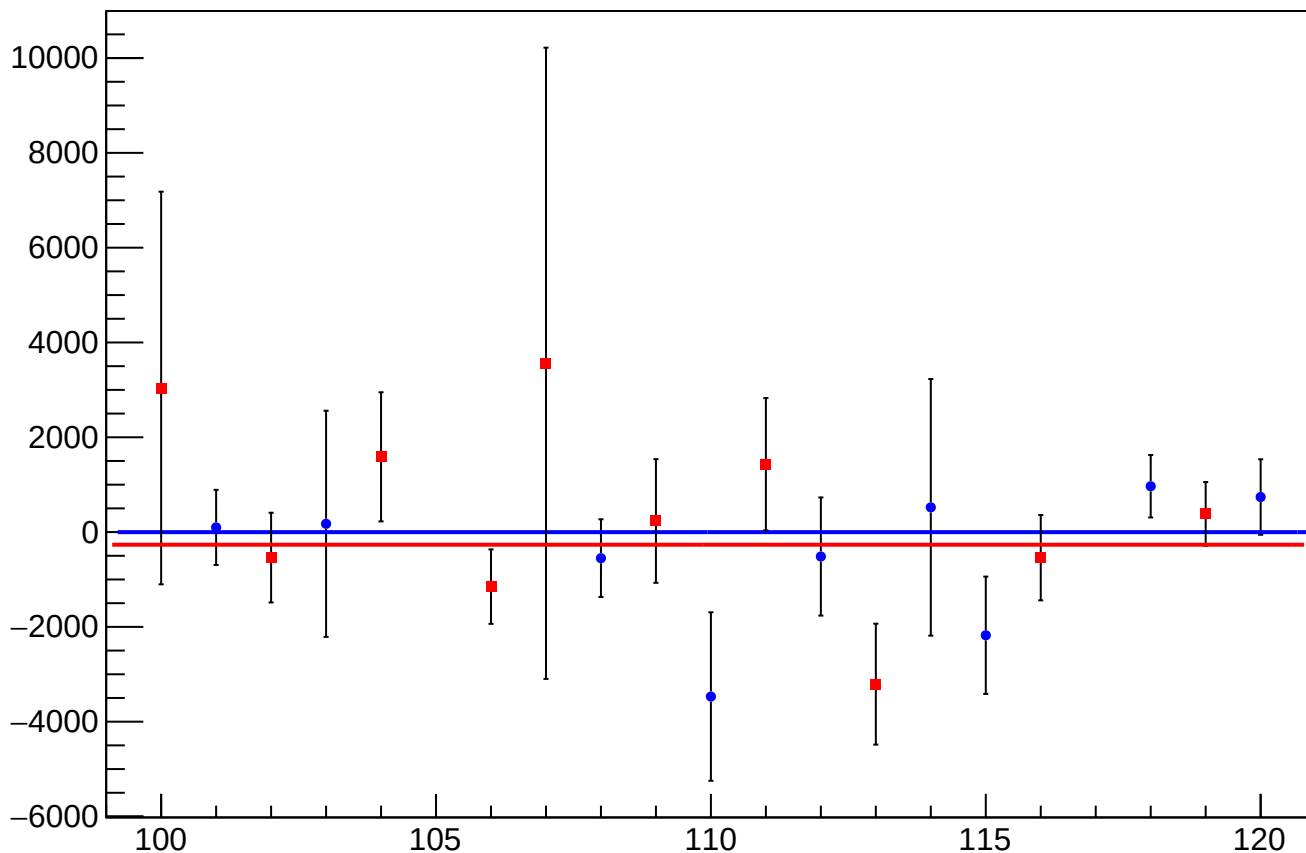
Right: 2085.707+/-0.547 χ^2/NDF : 739213.2/18

In: 2069.782+/-0.796 χ^2/NDF : 587114.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2085.707+/-0.547 χ^2/NDF : 739213.2/18

asym_at1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1.616+/-335.480 χ^2/NDF : 10.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -266.698+/-342.563 χ^2/NDF : 12.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

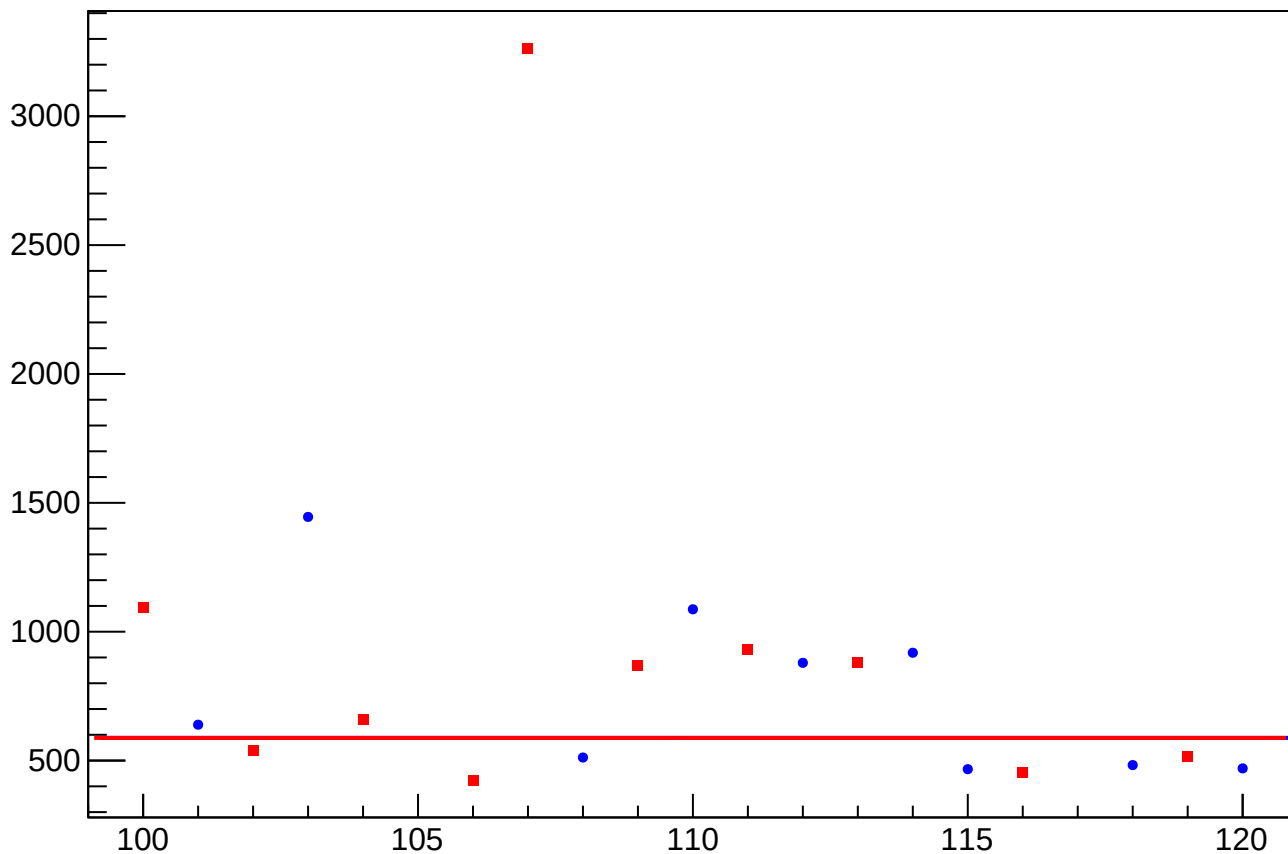
Right: -131.388+/-239.685 χ^2/NDF : 23.0/18

In: -1.616+/-335.480 χ^2/NDF : 10.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -131.388+/-239.685 χ^2/NDF : 23.0/18

asym_at1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 588.026+/-0.237 χ^2/NDF : 695220.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 587.921+/-0.242 χ^2/NDF : 837677.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

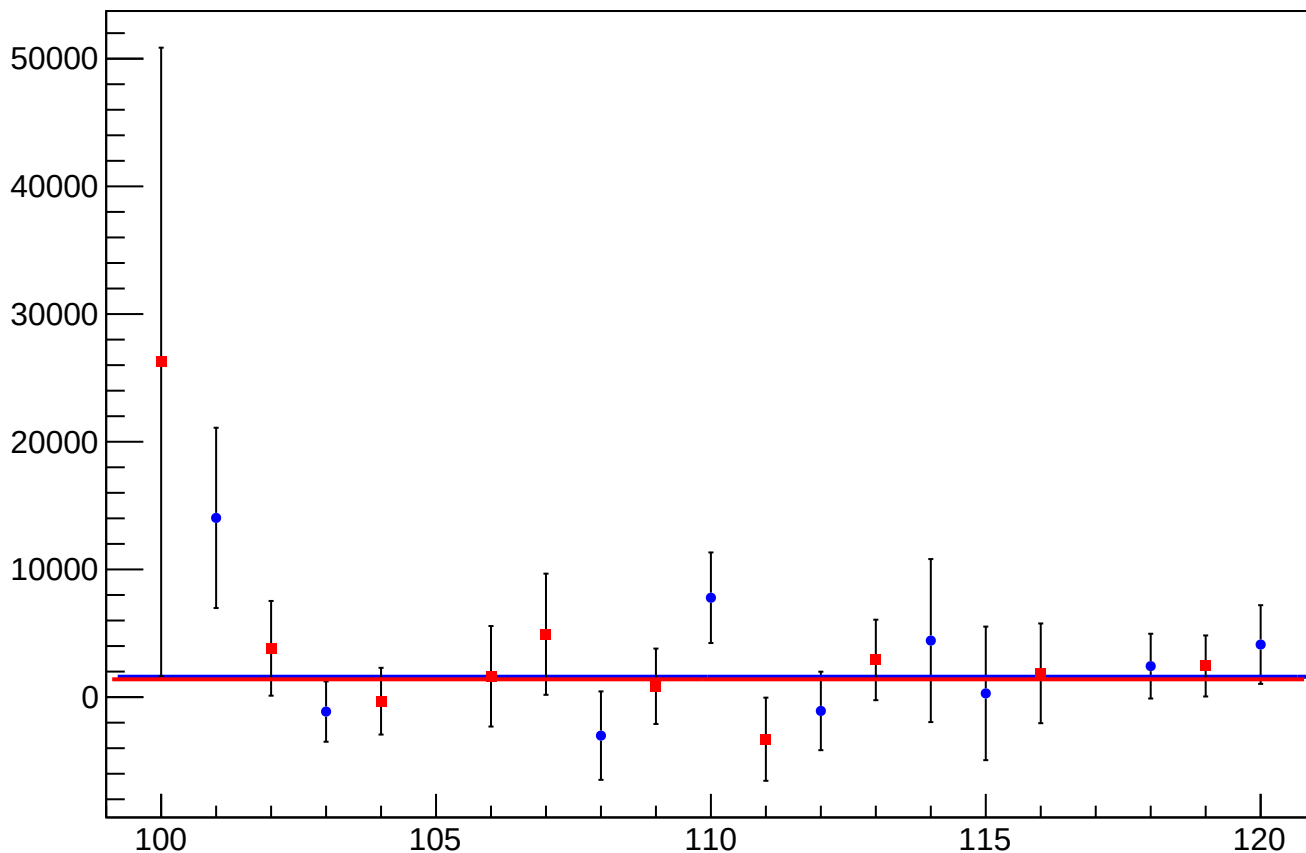
Right: 587.975+/-0.169 χ^2/NDF : 1532897.8/18

In: 588.026+/-0.237 χ^2/NDF : 695220.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 587.975+/-0.169 χ^2/NDF : 1532897.8/18

cor_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1597.380+/-1125.178 χ^2/NDF : 11.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1395.177+/-1065.977 χ^2/NDF : 5.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

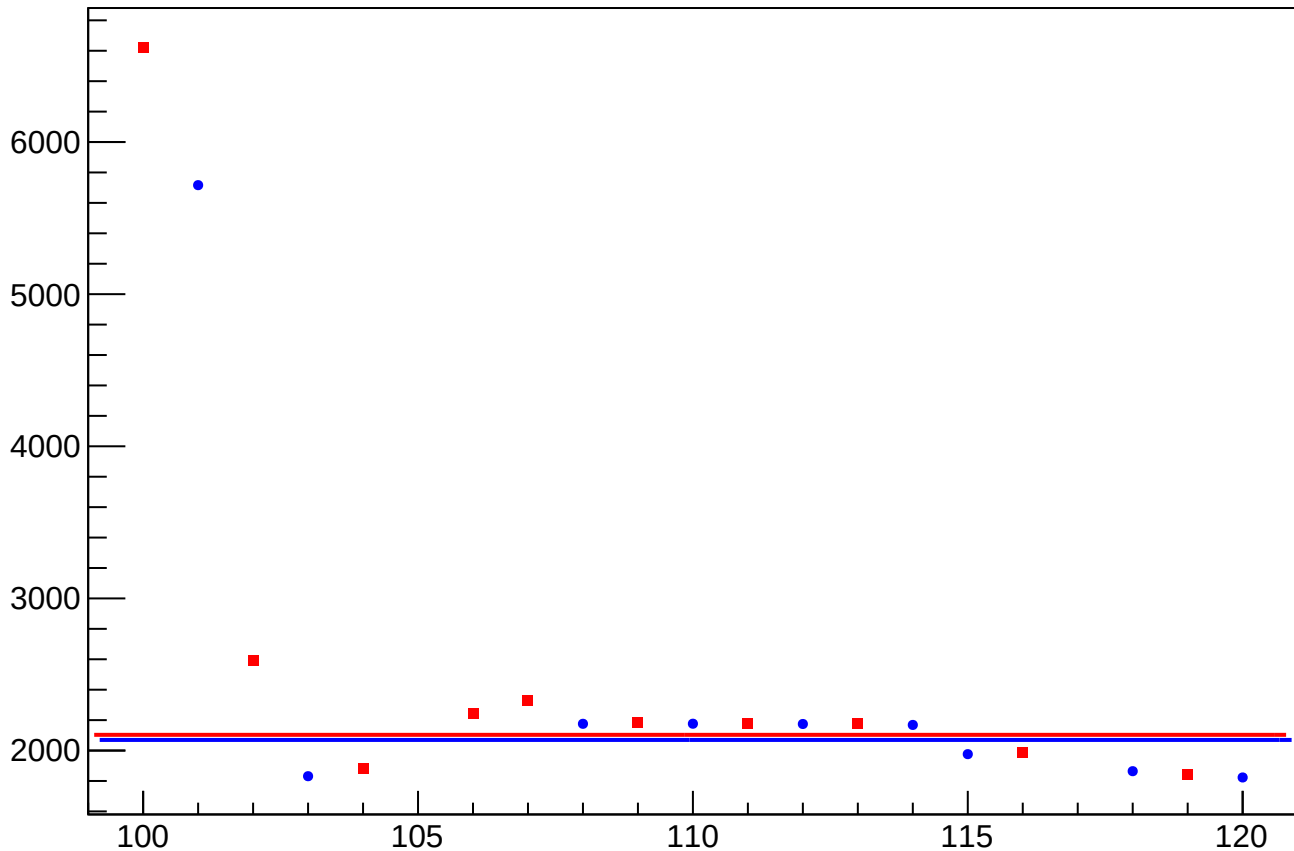
Right: 1490.820+/-773.842 χ^2/NDF : 16.1/18

In: 1597.380+/-1125.178 χ^2/NDF : 11.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1490.820+/-773.842 χ^2/NDF : 16.1/18

cor_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2069.781+/-0.796 χ^2/NDF : 587114.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2103.330+/-0.754 χ^2/NDF : 152810.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

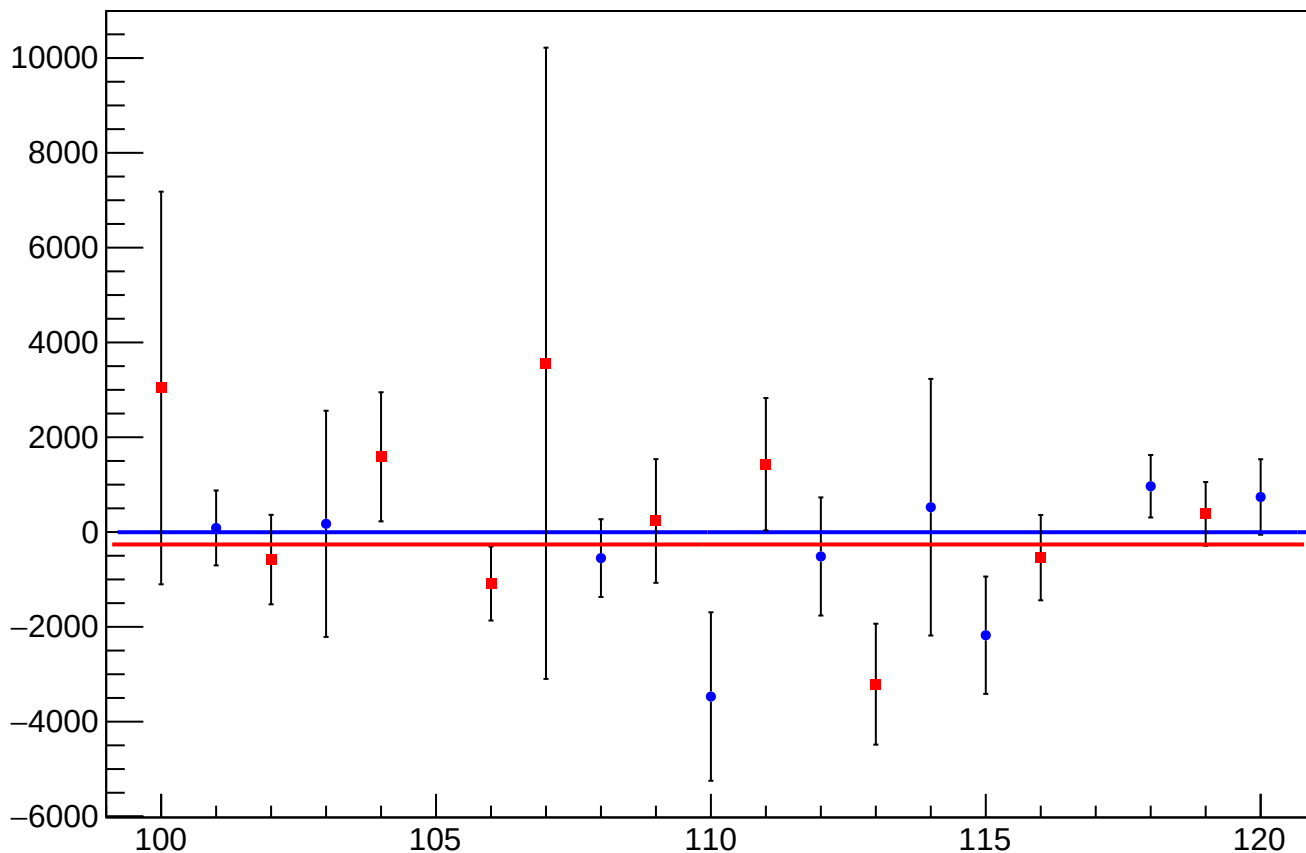
Right: 2087.461+/-0.547 χ^2/NDF : 740862.2/18

In: 2069.781+/-0.796 χ^2/NDF : 587114.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2087.461+/-0.547 χ^2/NDF : 740862.2/18

asym_at1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -3.477+/-335.328 χ^2/NDF : 10.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -262.009+/-342.083 χ^2/NDF : 12.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

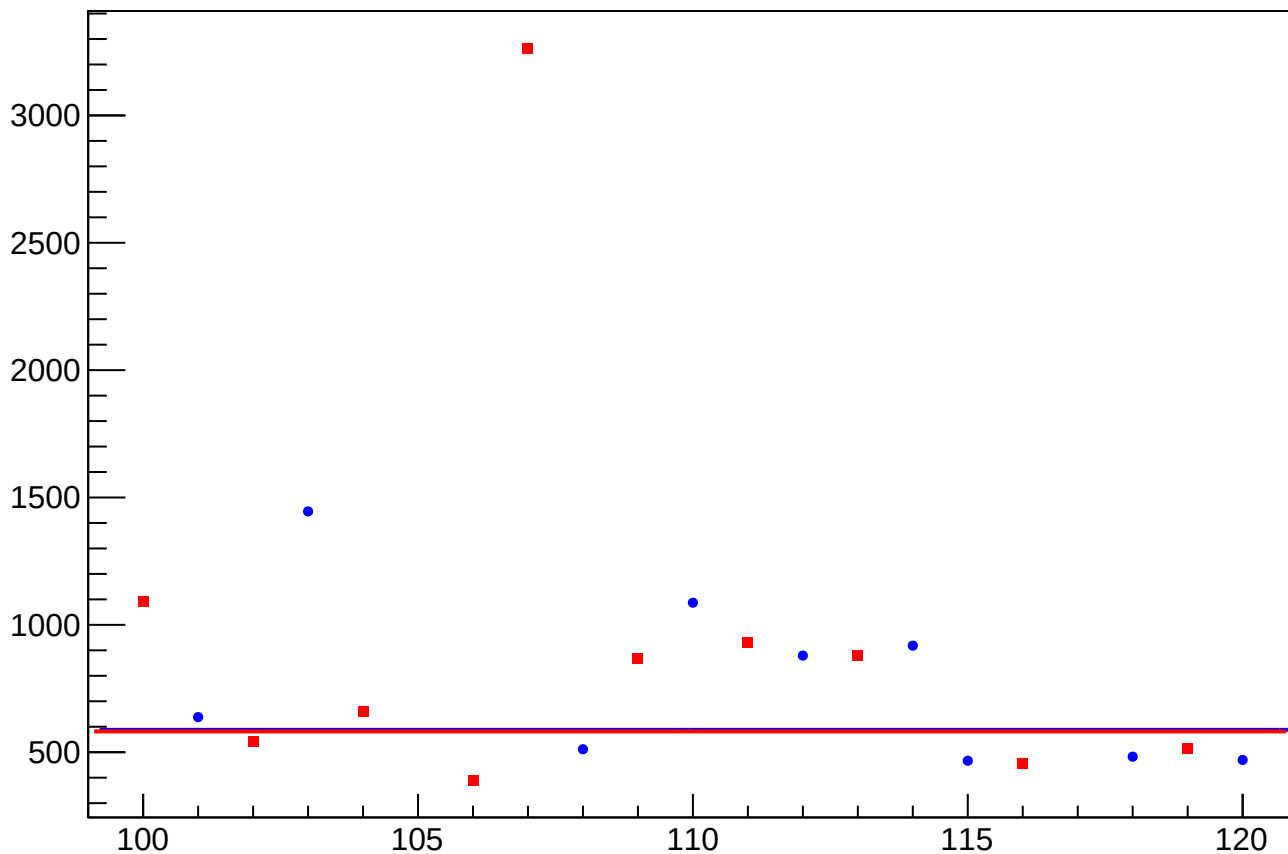
Right: -130.165+/-239.465 χ^2/NDF : 22.9/18

In: -3.477+/-335.328 χ^2/NDF : 10.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -130.165+/-239.465 χ^2/NDF : 22.9/18

asym_at1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 587.818+/-0.237 χ^2/NDF : 694802.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 581.677+/-0.242 χ^2/NDF : 877545.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

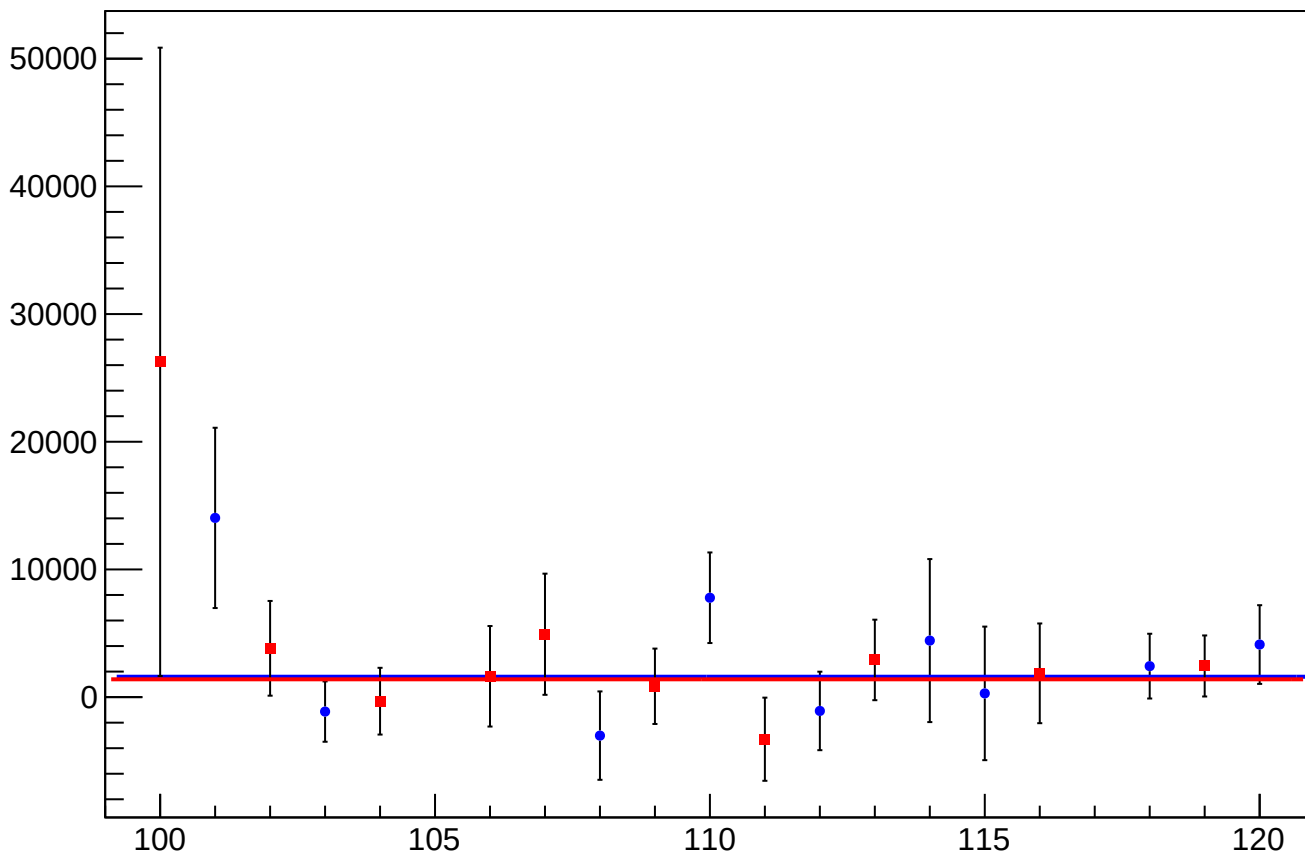
Right: 584.809+/-0.169 χ^2/NDF : 1572676.3/18

In: 587.818+/-0.237 χ^2/NDF : 694802.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 584.809+/-0.169 χ^2/NDF : 1572676.3/18

eigen_cor_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1597.380+/-1125.178 χ^2/NDF : 11.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1395.177+/-1065.977 χ^2/NDF : 5.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

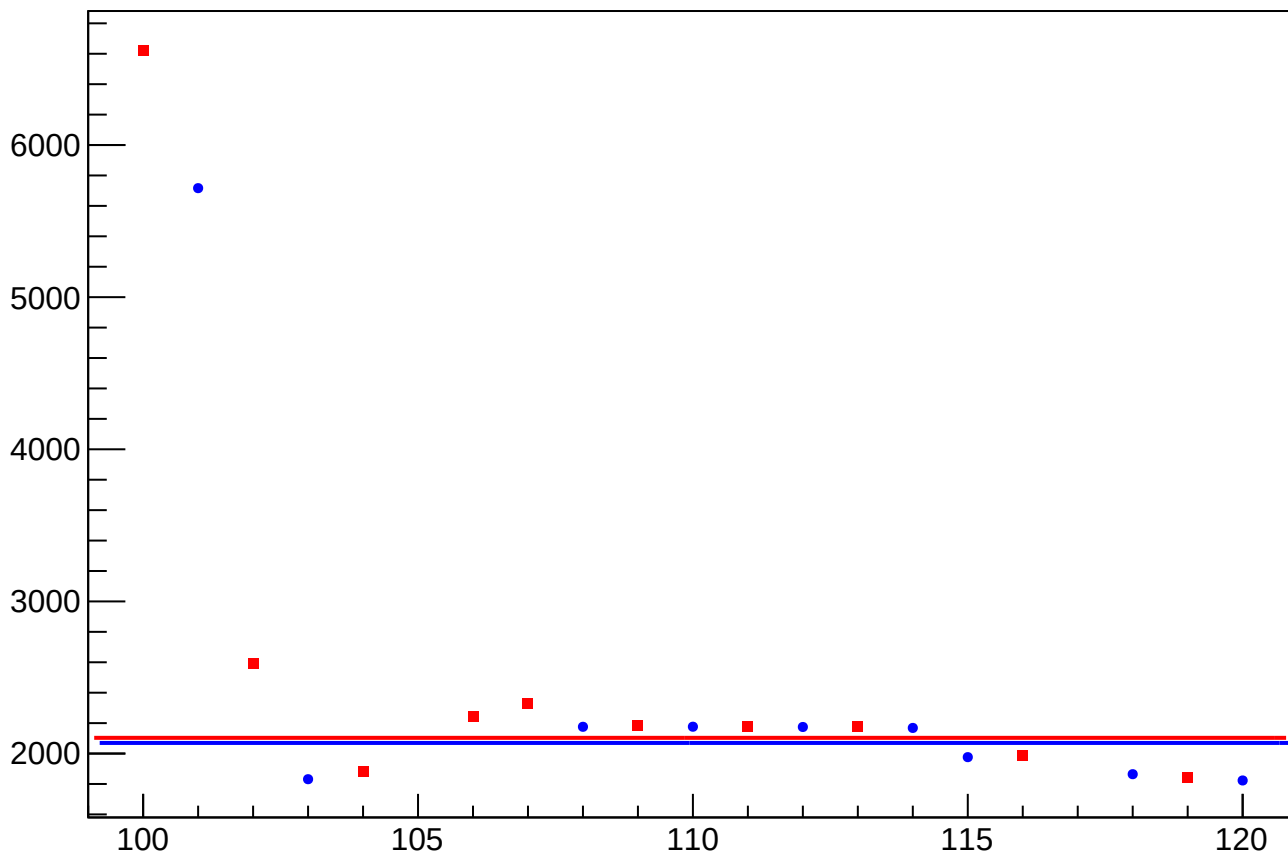
Right: 1490.820+/-773.842 χ^2/NDF : 16.1/18

In: 1597.380+/-1125.178 χ^2/NDF : 11.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1490.820+/-773.842 χ^2/NDF : 16.1/18

eigen_cor_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2069.781+/-0.796 χ^2/NDF : 587114.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2103.330+/-0.754 χ^2/NDF : 152810.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

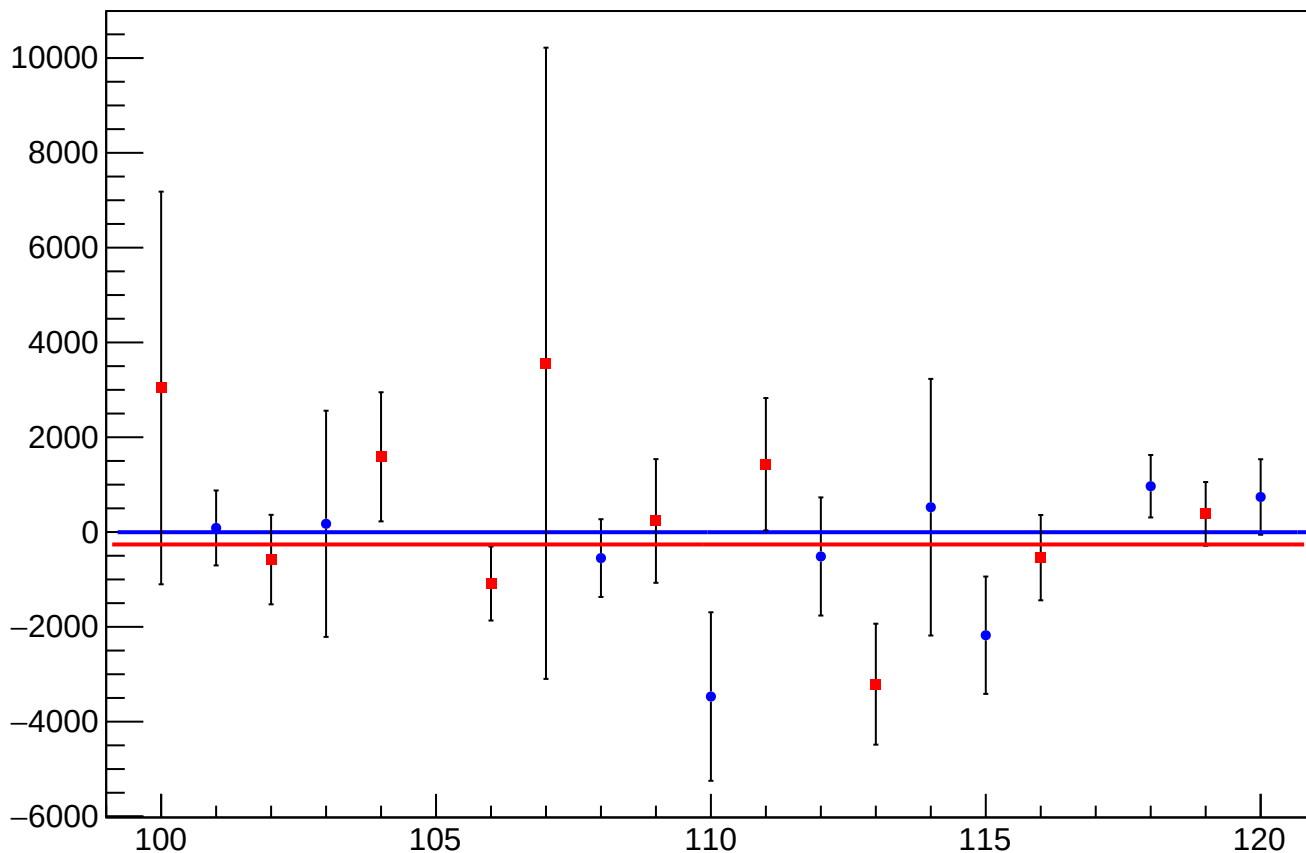
Right: 2087.461+/-0.547 χ^2/NDF : 740862.2/18

In: 2069.781+/-0.796 χ^2/NDF : 587114.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2087.461+/-0.547 χ^2/NDF : 740862.2/18

asym_at1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -3.477+/-335.328 χ^2/NDF : 10.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -262.009+/-342.083 χ^2/NDF : 12.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

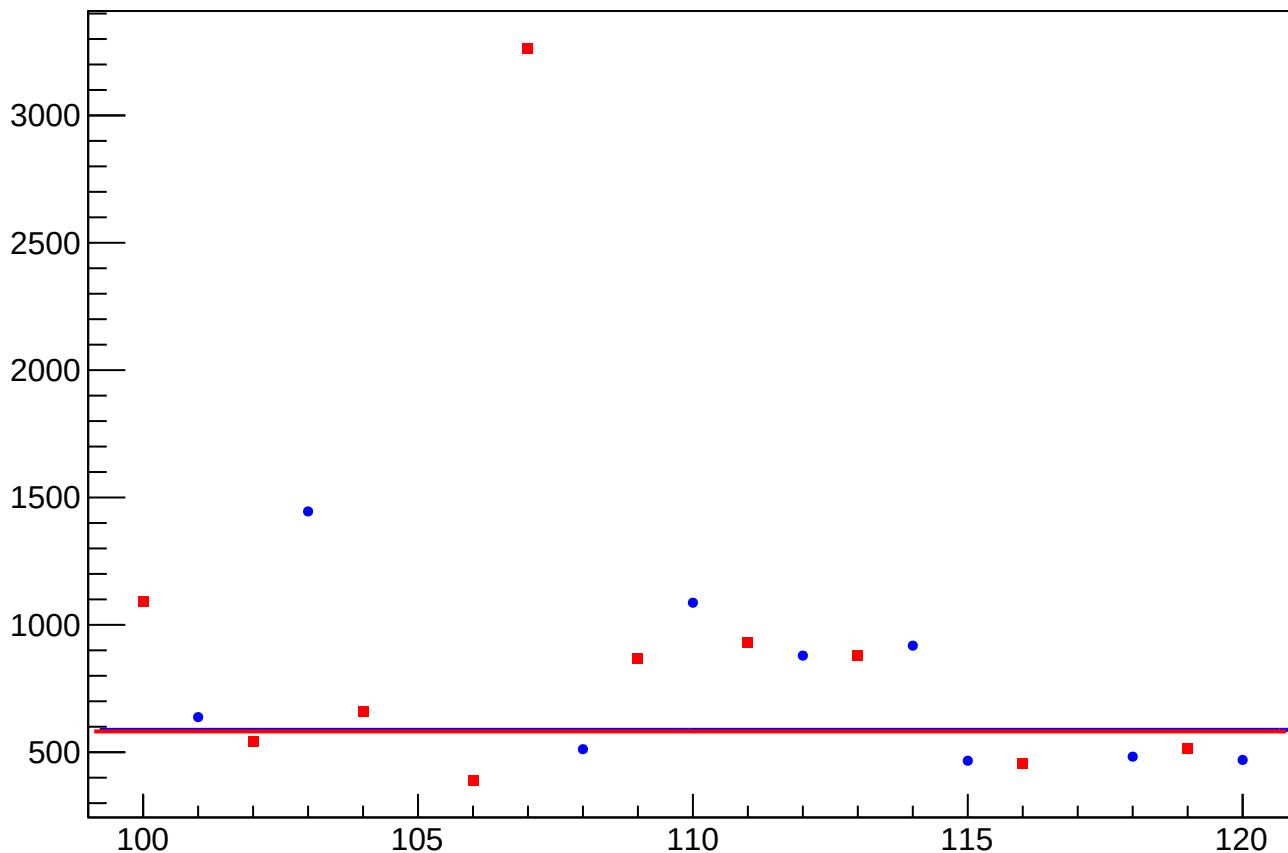
Right: -130.165+/-239.465 χ^2/NDF : 22.9/18

In: -3.477+/-335.328 χ^2/NDF : 10.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -130.165+/-239.465 χ^2/NDF : 22.9/18

asym_at1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 587.818+/-0.237 χ^2/NDF : 694802.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 581.677+/-0.242 χ^2/NDF : 877545.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

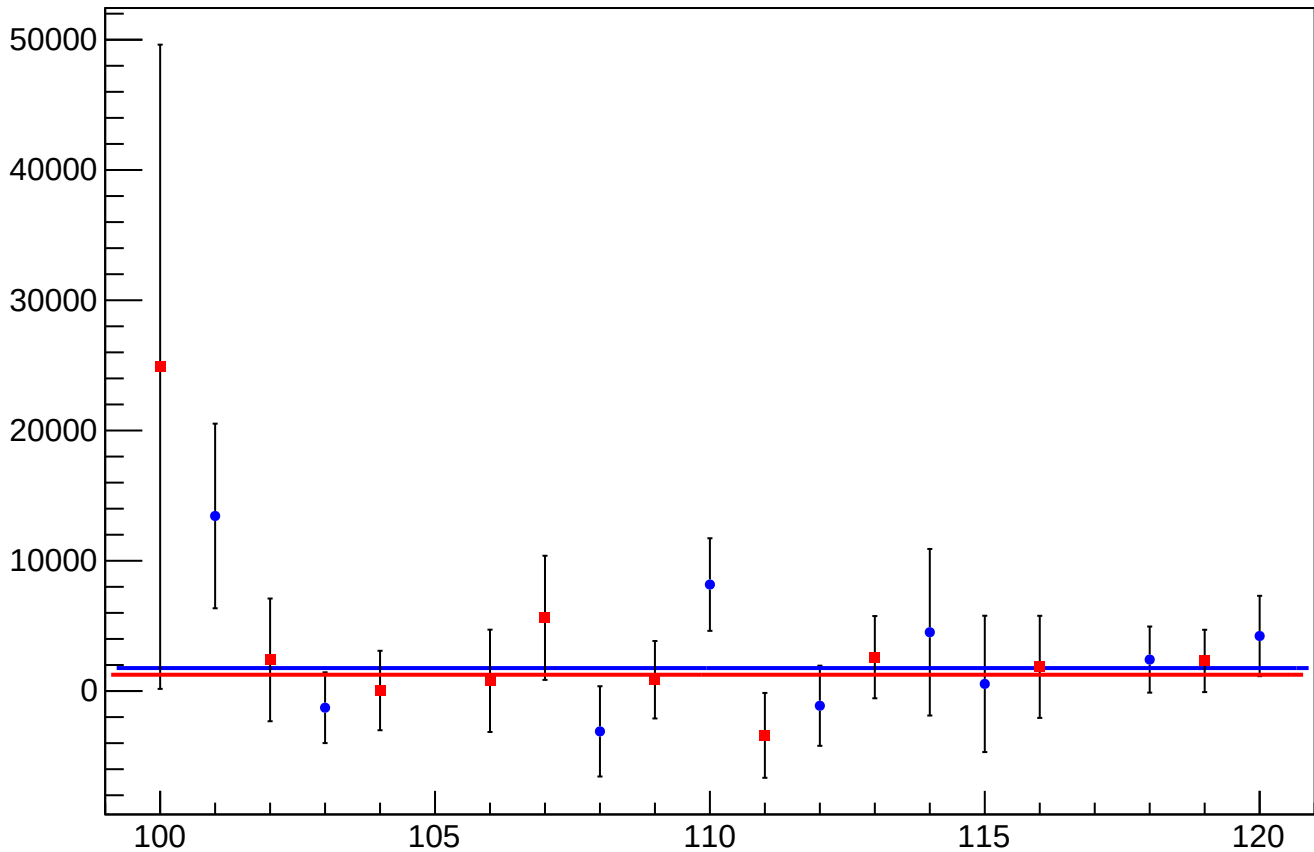
Right: 584.809+/-0.169 χ^2/NDF : 1572676.3/18

In: 587.818+/-0.237 χ^2/NDF : 694802.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 584.809+/-0.169 χ^2/NDF : 1572676.3/18

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1763.783+/-1158.601 χ^2/NDF : 11.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1252.068+/-1110.527 χ^2/NDF : 4.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

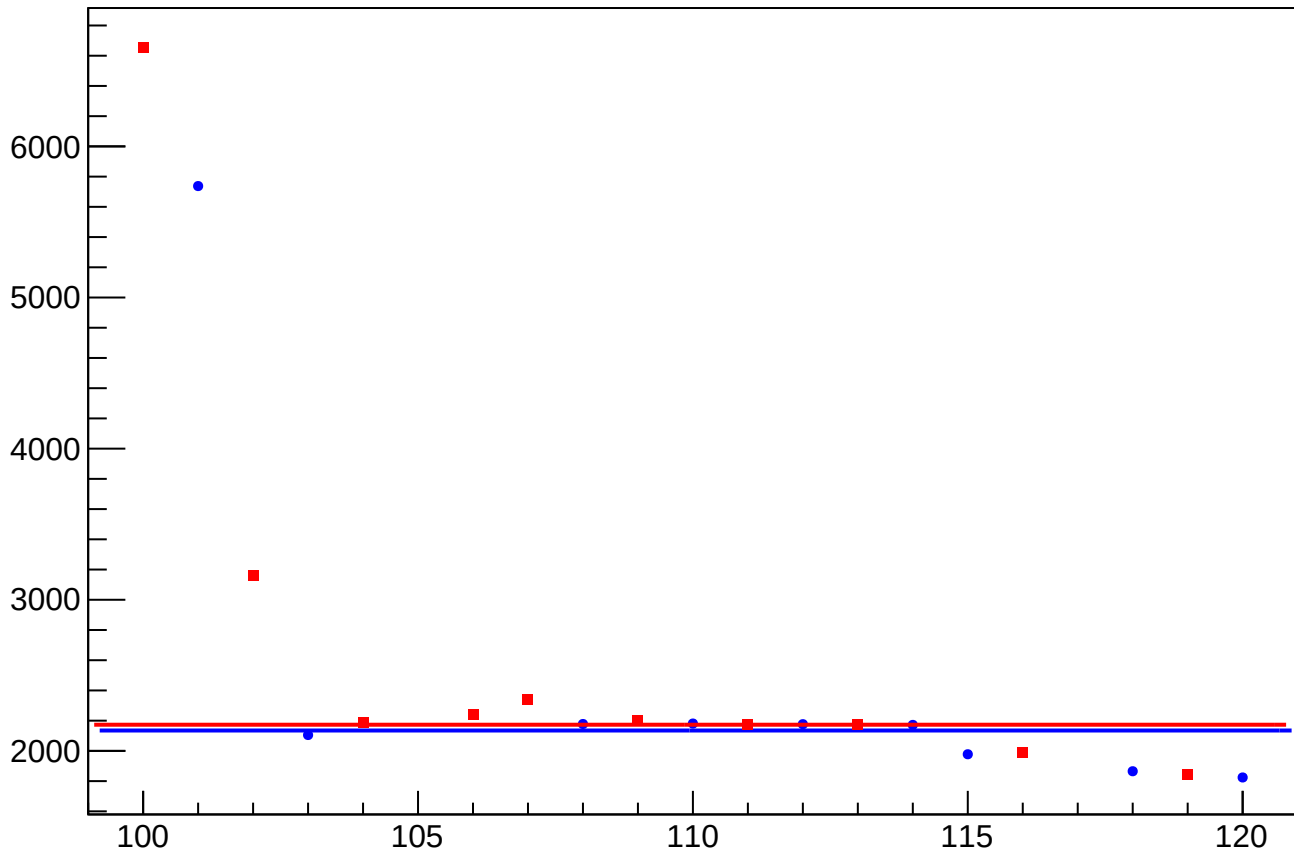
Right: 1497.089+/-801.718 χ^2/NDF : 15.6/18

In: 1763.783+/-1158.601 χ^2/NDF : 11.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1497.089+/-801.718 χ^2/NDF : 15.6/18

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2134.913+/-0.819 χ^2/NDF : 562941.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2173.187+/-0.785 χ^2/NDF : 198923.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

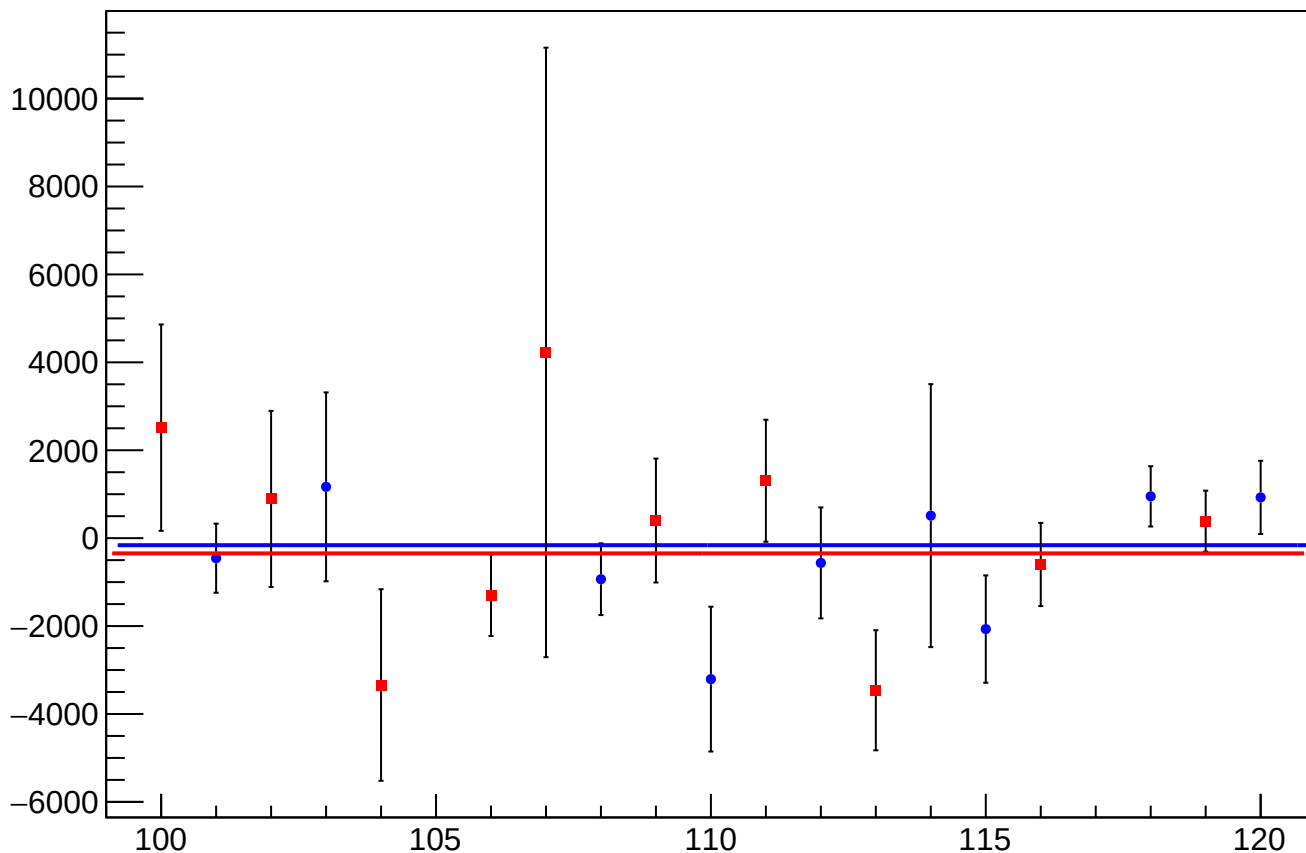
Right: 2154.861+/-0.567 χ^2/NDF : 763002.6/18

In: 2134.913+/-0.819 χ^2/NDF : 562941.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2154.861+/-0.567 χ^2/NDF : 763002.6/18

asym_at1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -160.177+/-339.313 χ^2/NDF : 11.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -346.409+/-389.691 χ^2/NDF : 13.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

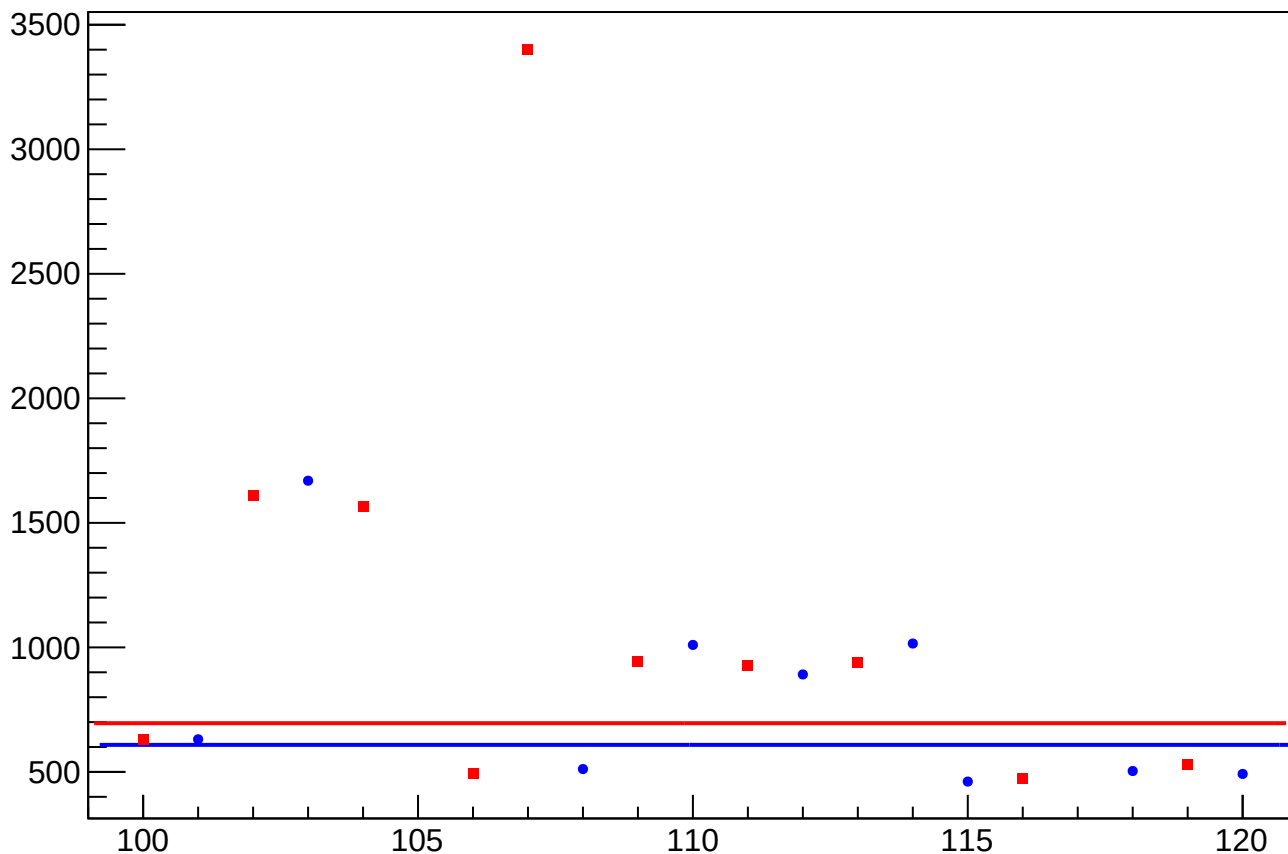
Right: -240.485+/-255.901 χ^2/NDF : 25.2/18

In: -160.177+/-339.313 χ^2/NDF : 11.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -240.485+/-255.901 χ^2/NDF : 25.2/18

asym_at1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 608.636+/-0.240 χ^2/NDF : 888810.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 695.645+/-0.276 χ^2/NDF : 1543075.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

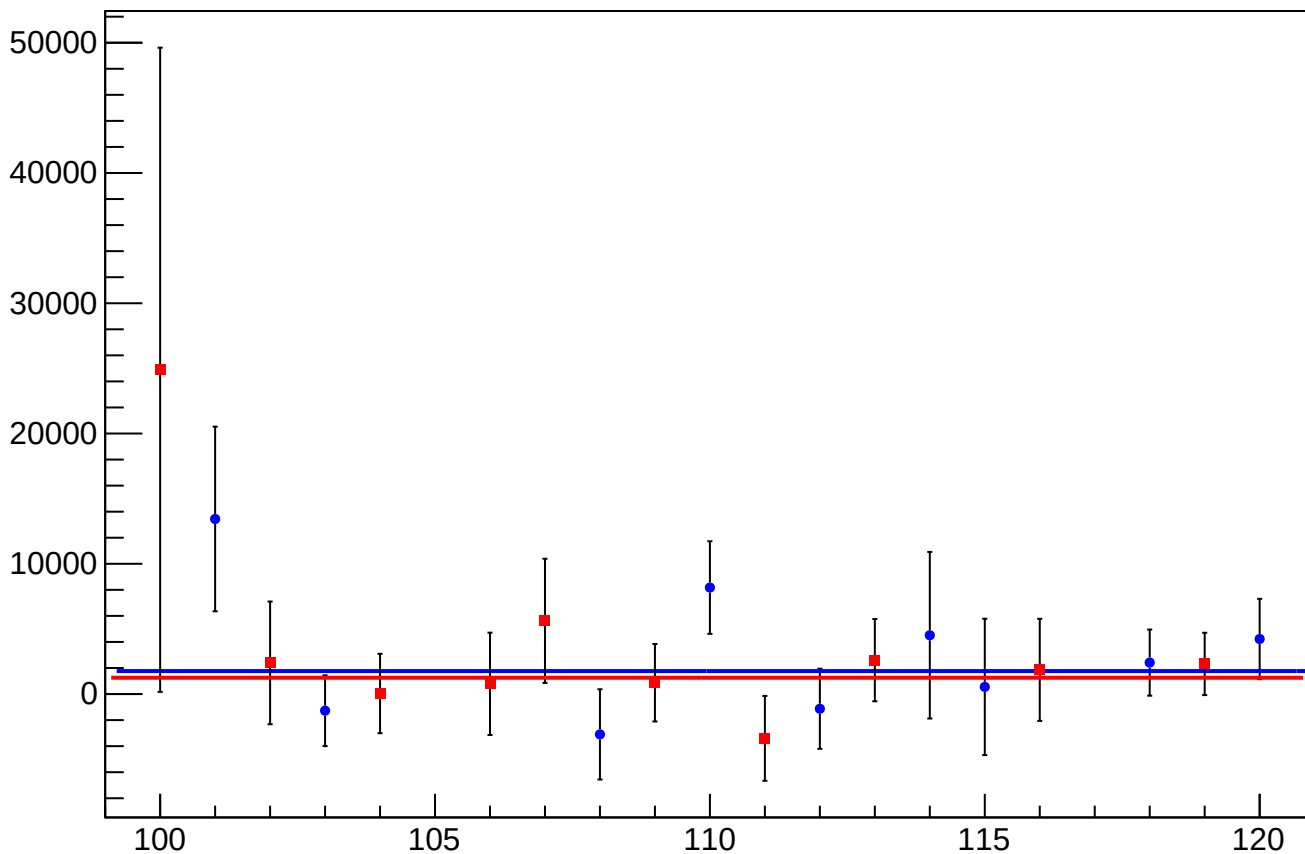
Right: 646.157+/-0.181 χ^2/NDF : 2488596.1/18

In: 608.636+/-0.240 χ^2/NDF : 888810.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 646.157+/-0.181 χ^2/NDF : 2488596.1/18

eigen_dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1763.780+/-1158.601 χ^2/NDF : 11.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1252.066+/-1110.527 χ^2/NDF : 4.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

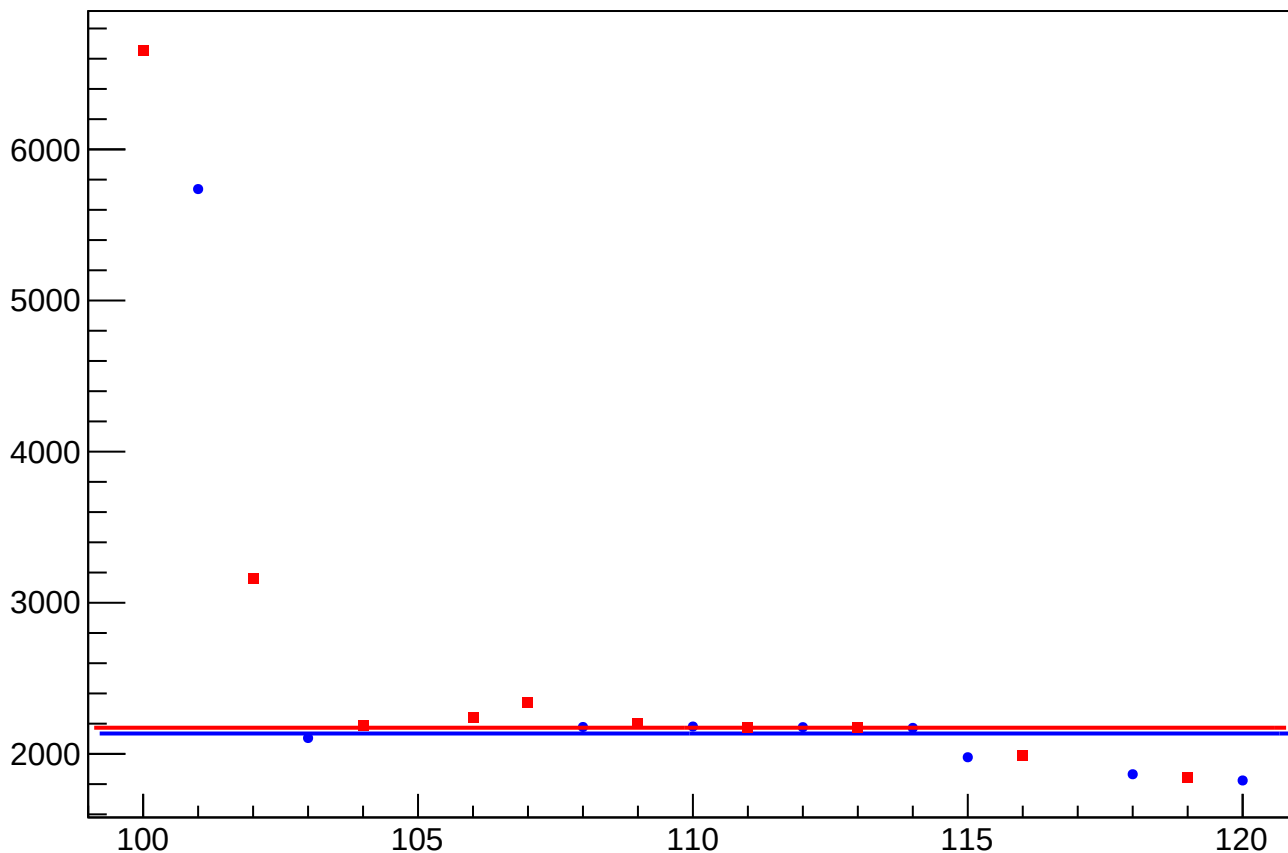
Right: 1497.086+/-801.718 χ^2/NDF : 15.6/18

In: 1763.780+/-1158.601 χ^2/NDF : 11.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1497.086+/-801.718 χ^2/NDF : 15.6/18

eigen_dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2134.913+/-0.819 χ^2/NDF : 562941.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2173.186+/-0.785 χ^2/NDF : 198922.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

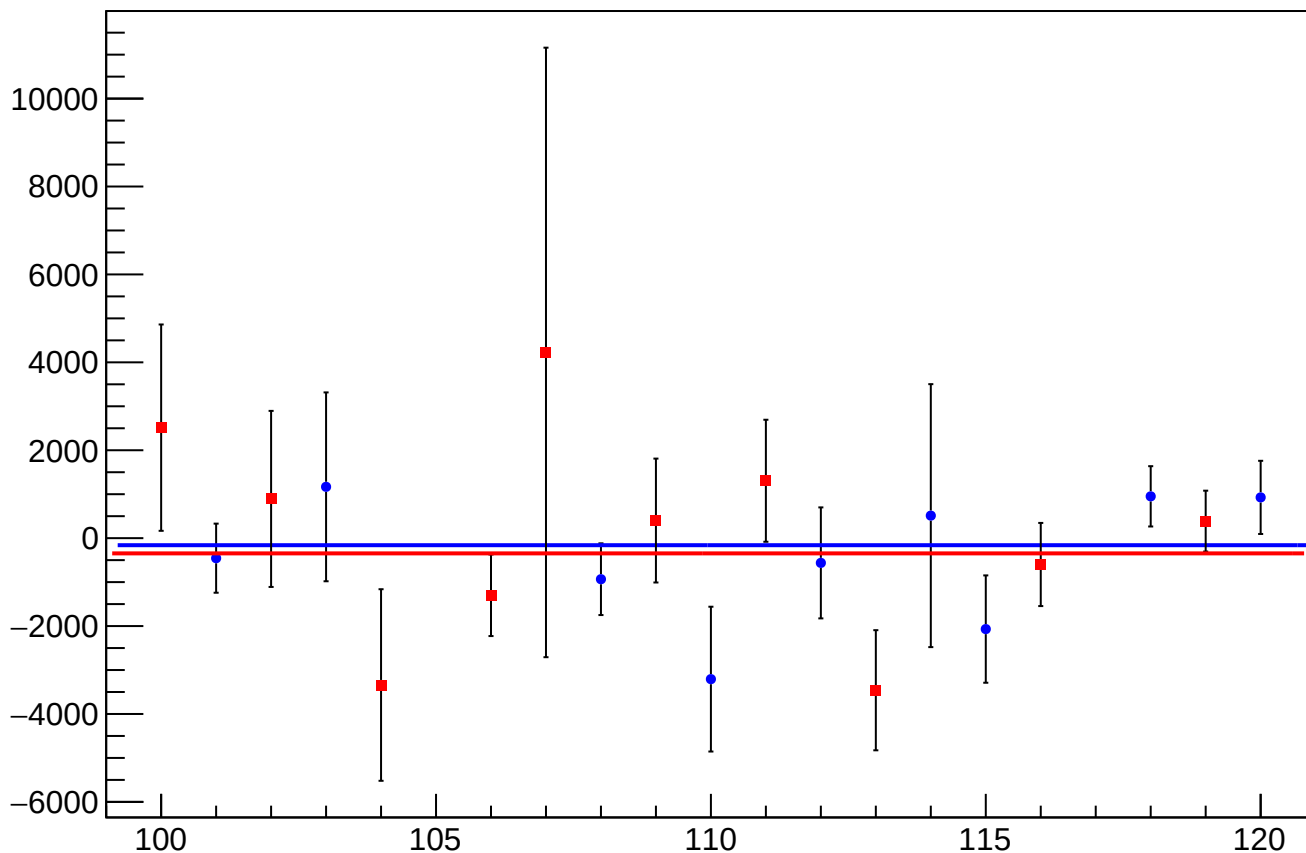
Right: 2154.860+/-0.567 χ^2/NDF : 763001.9/18

In: 2134.913+/-0.819 χ^2/NDF : 562941.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2154.860+/-0.567 χ^2/NDF : 763001.9/18

asym_at1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -160.176+/-339.312 χ^2/NDF : 11.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -346.407+/-389.690 χ^2/NDF : 13.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

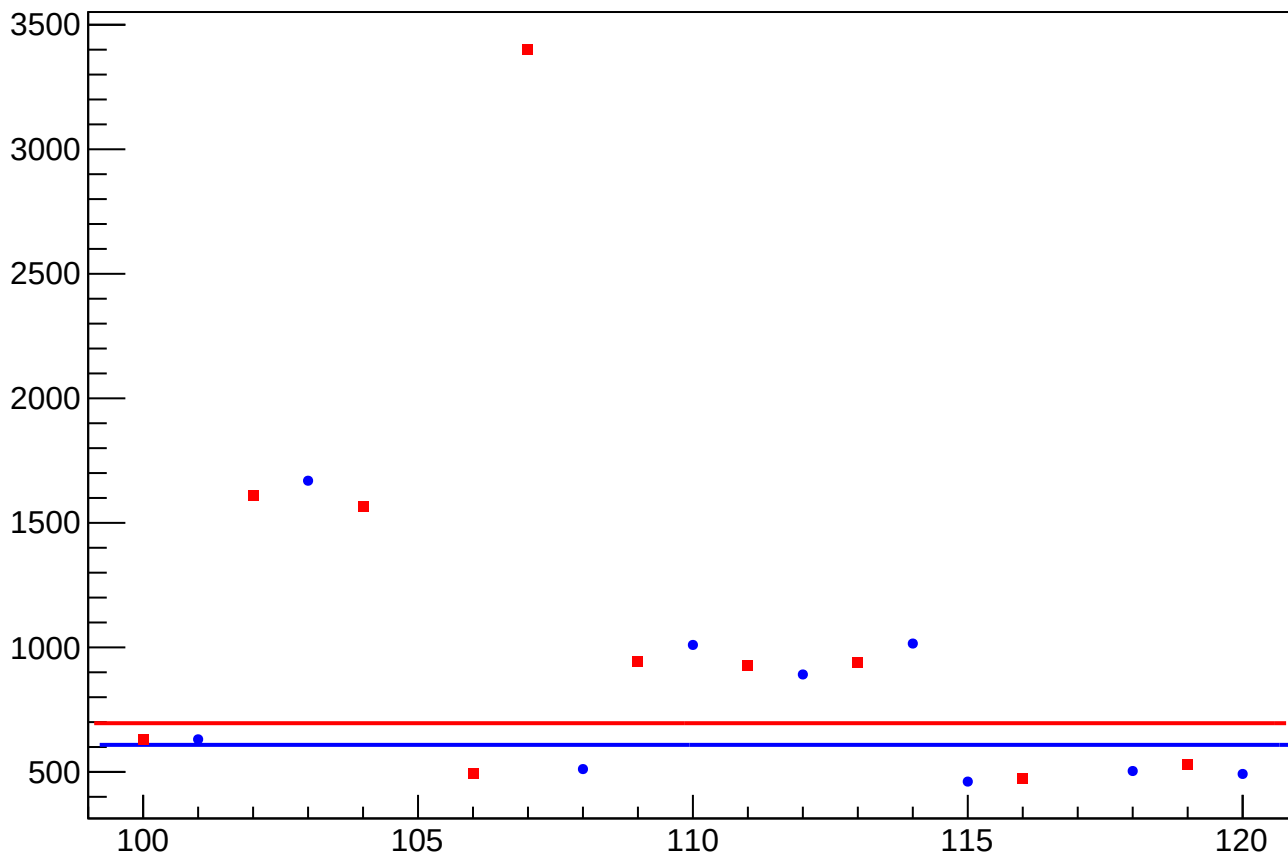
Right: -240.483+/-255.900 χ^2/NDF : 25.2/18

In: -160.176+/-339.312 χ^2/NDF : 11.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -240.483+/-255.900 χ^2/NDF : 25.2/18

asym_at1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 608.635+/-0.240 χ^2/NDF : 888815.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 695.644+/-0.276 χ^2/NDF : 1543083.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

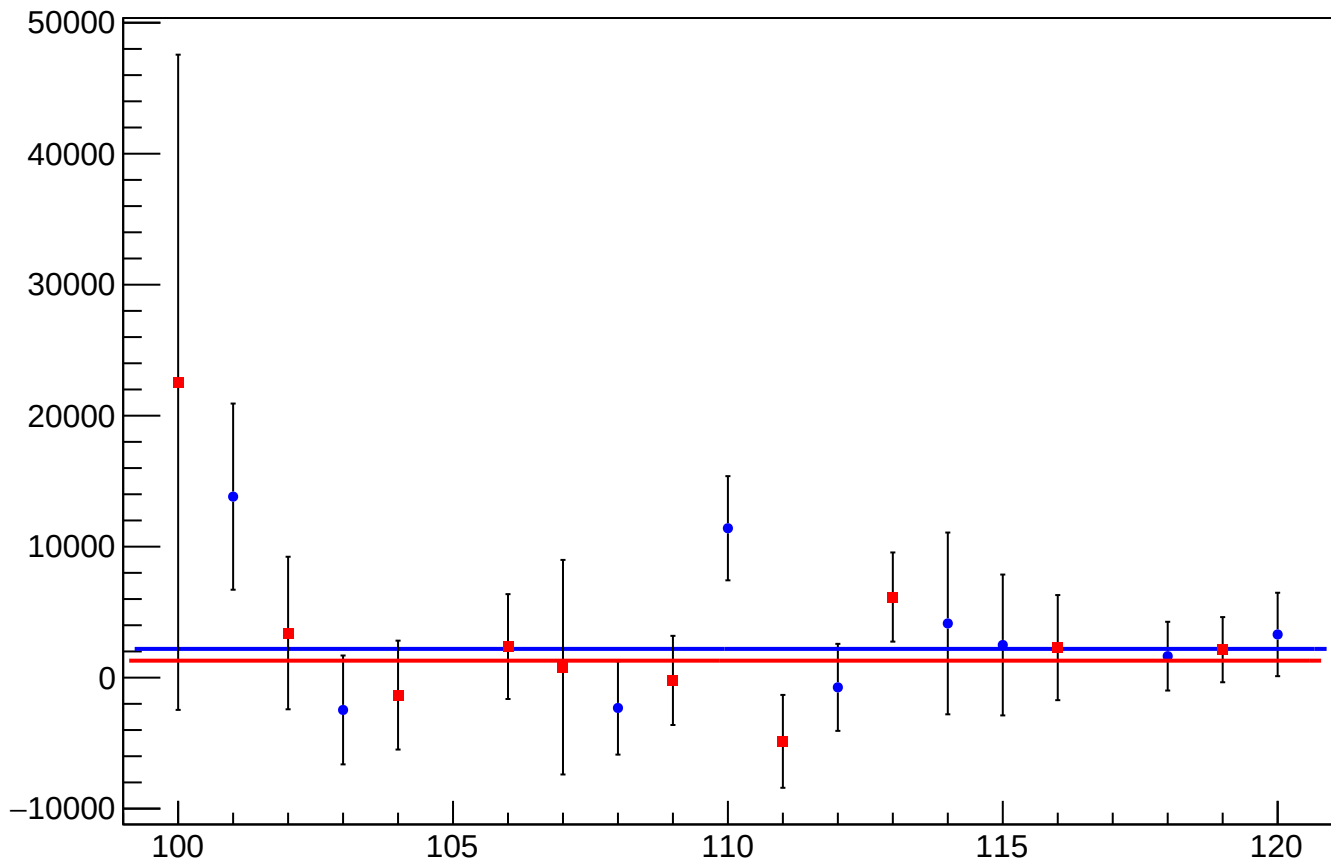
Right: 646.155+/-0.181 χ^2/NDF : 2488609.5/18

In: 608.635+/-0.240 χ^2/NDF : 888815.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 646.155+/-0.181 χ^2/NDF : 2488609.5/18

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2194.559+/-1280.930 χ^2/NDF : 11.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1296.151+/-1247.854 χ^2/NDF : 6.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

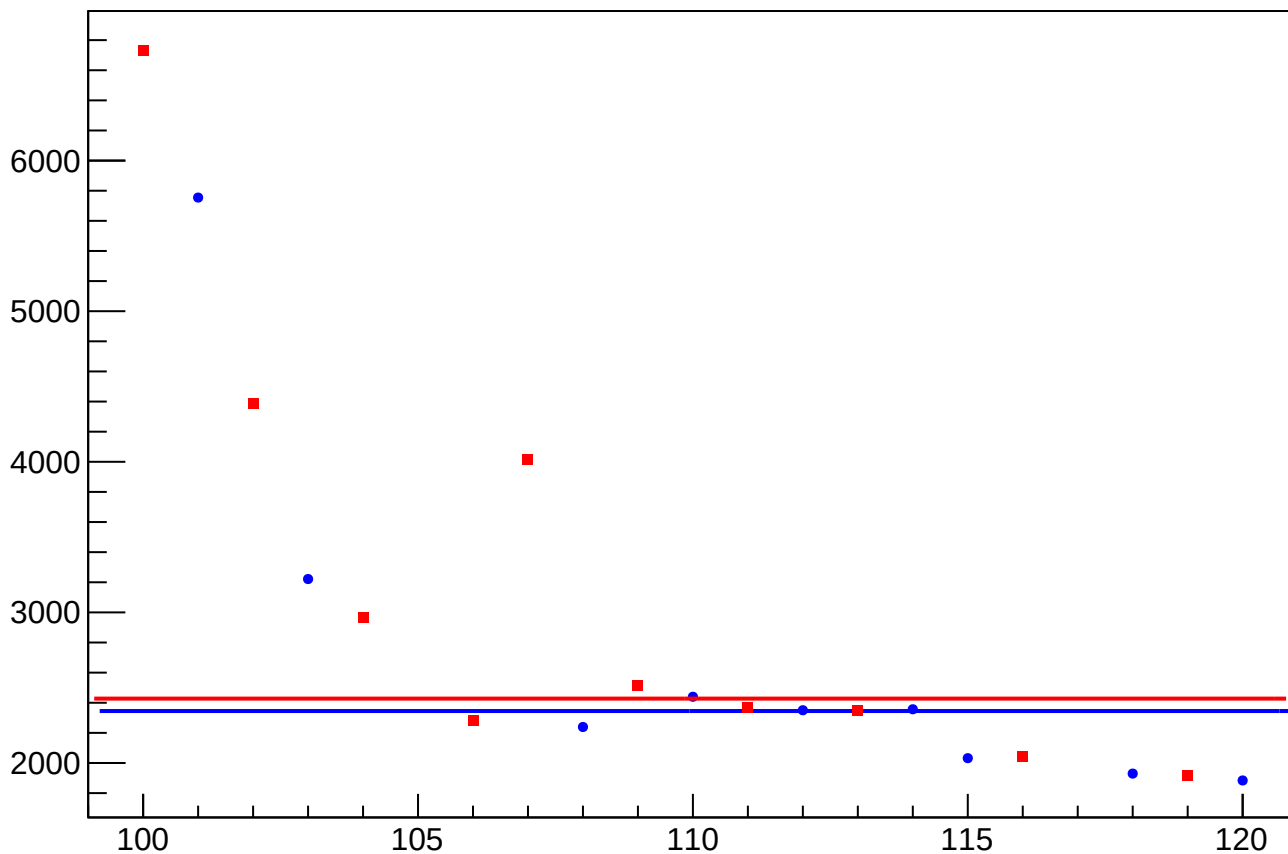
Right: 1733.606+/-893.831 χ^2/NDF : 18.9/18

In: 2194.559+/-1280.930 χ^2/NDF : 11.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1733.606+/-893.831 χ^2/NDF : 18.9/18

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2345.082+/-0.906 χ^2/NDF : 651025.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2427.564+/-0.882 χ^2/NDF : 501539.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

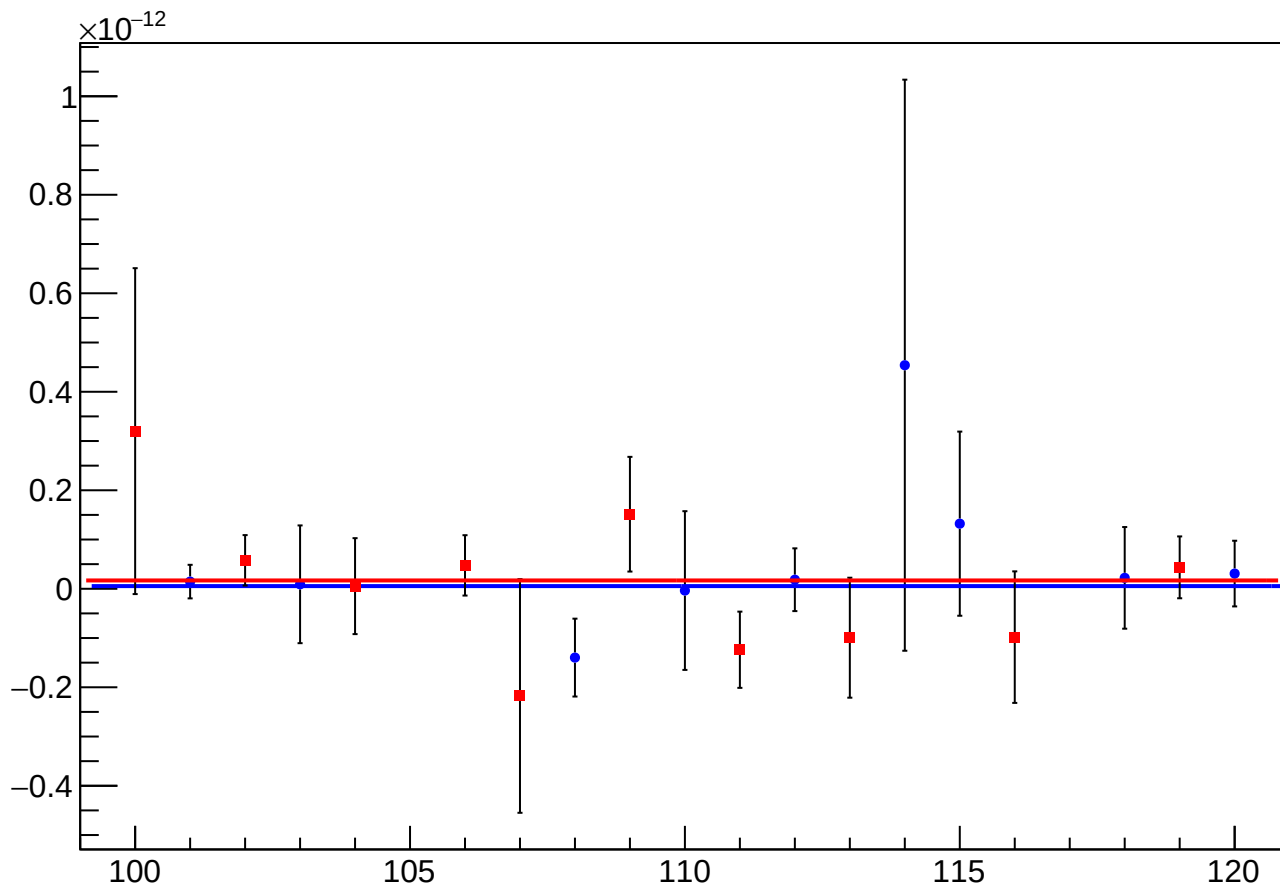
Right: 2387.402+/-0.632 χ^2/NDF : 1156820.0/18

In: 2345.082+/-0.906 χ^2/NDF : 651025.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2387.402+/-0.632 χ^2/NDF : 1156820.0/18

asym_at1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

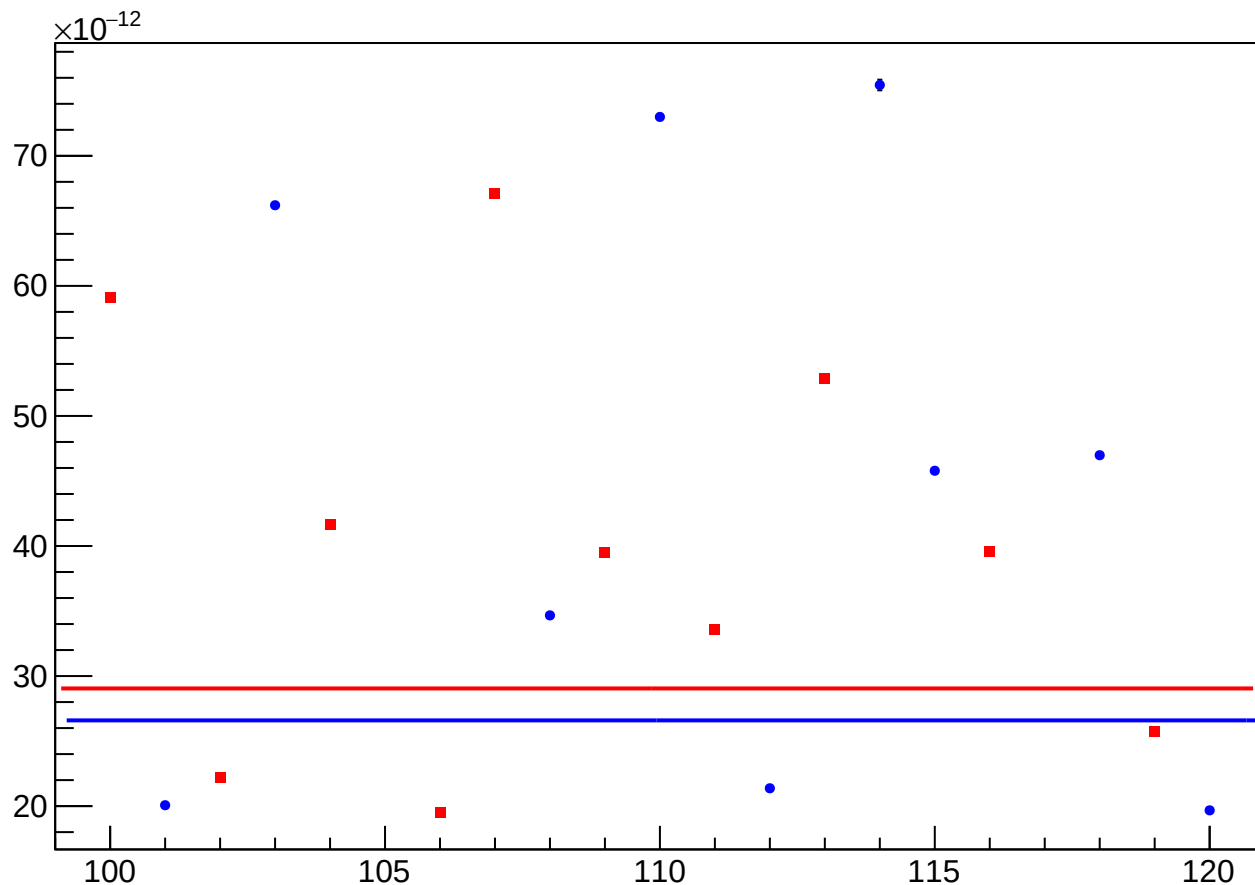
Right: 0.000+/-0.000 χ^2/NDF : 14.0/18

In: 0.000+/-0.000 χ^2/NDF : 4.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.0/18

asym_at1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 627883.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 303436.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

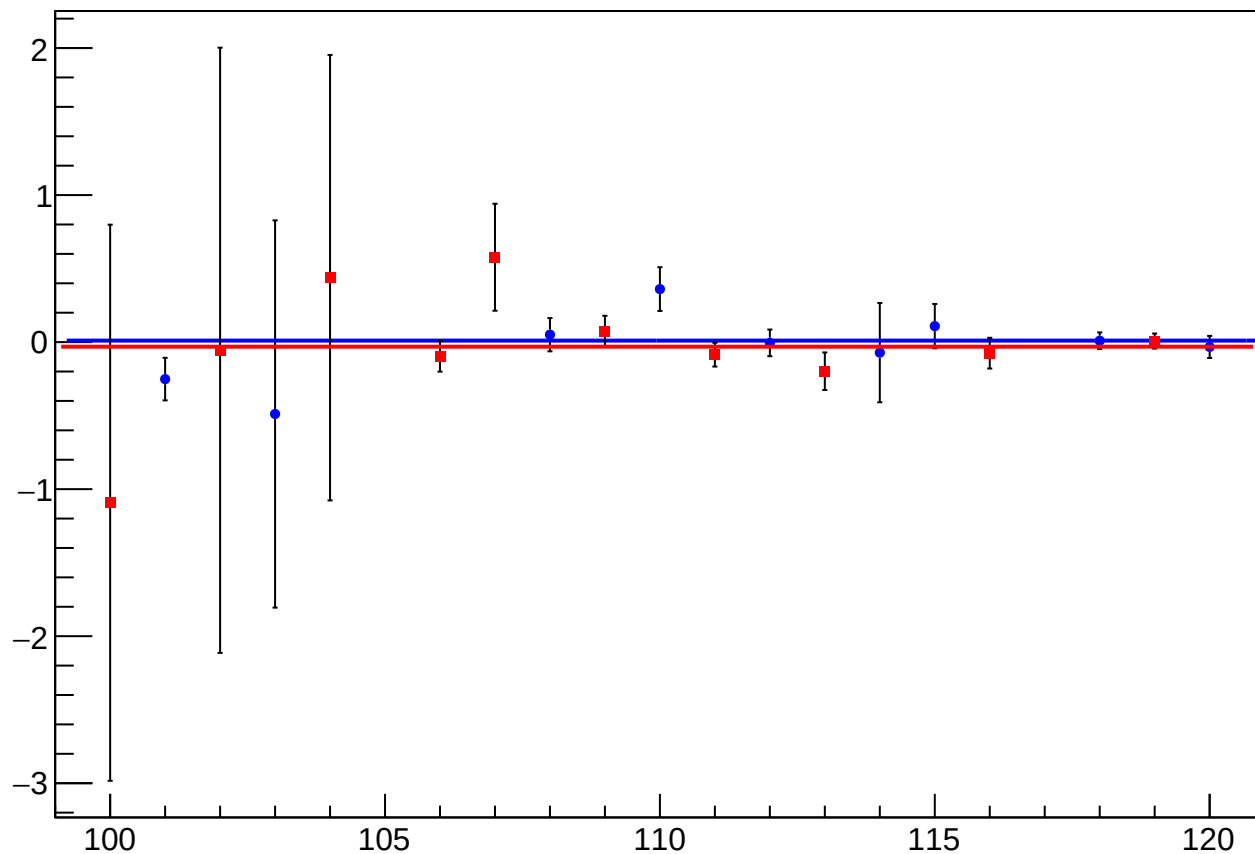
Right: 0.000+/-0.000 χ^2/NDF : 940642.5/18

In: 0.000+/-0.000 χ^2/NDF : 627883.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 940642.5/18

asym_at1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010+/-0.035 χ^2/NDF : 9.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.031+/-0.034 χ^2/NDF : 7.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

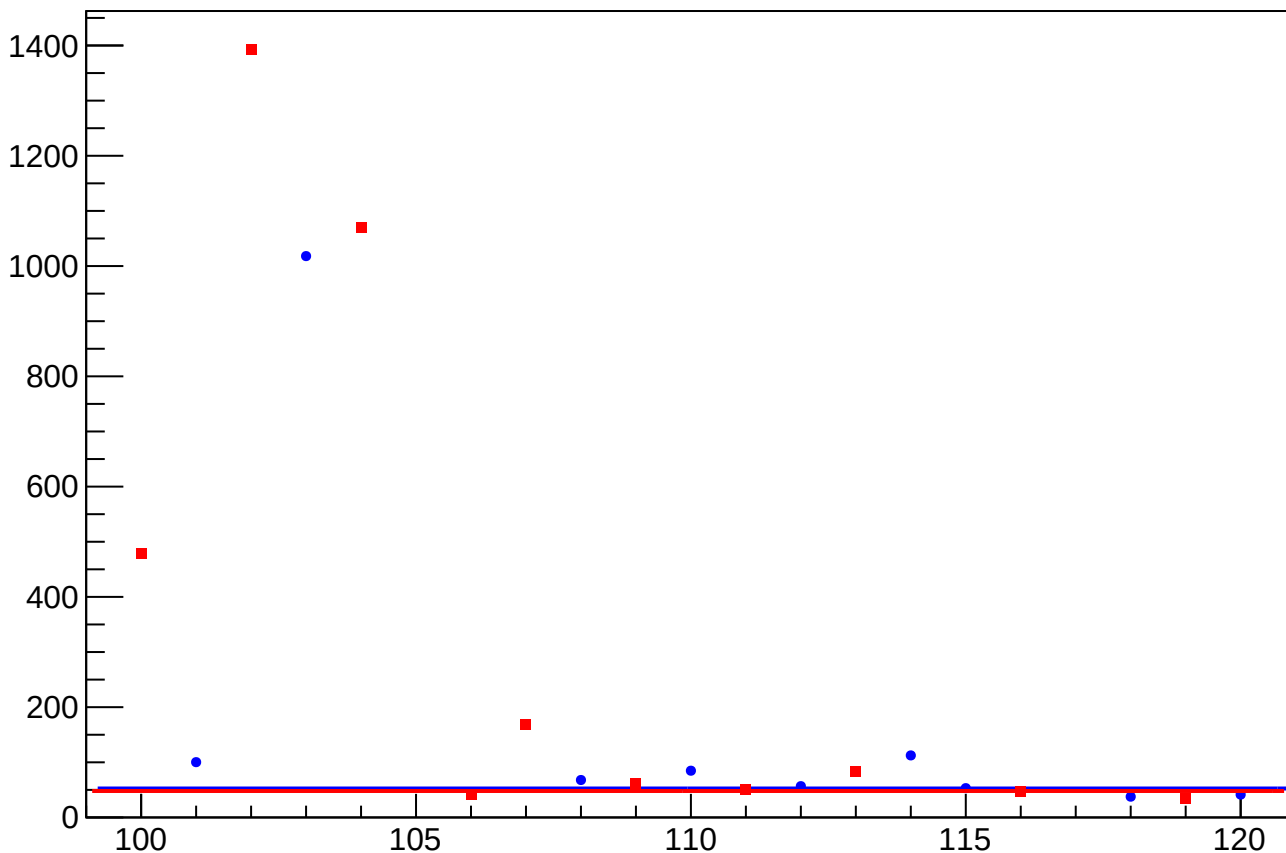
Right: -0.011+/-0.024 χ^2/NDF : 18.2/18

In: 0.010+/-0.035 χ^2/NDF : 9.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.024 χ^2/NDF : 18.2/18

asym_at1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.499+/-0.024 χ^2/NDF : 1672424.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.009+/-0.024 χ^2/NDF : 2405641.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

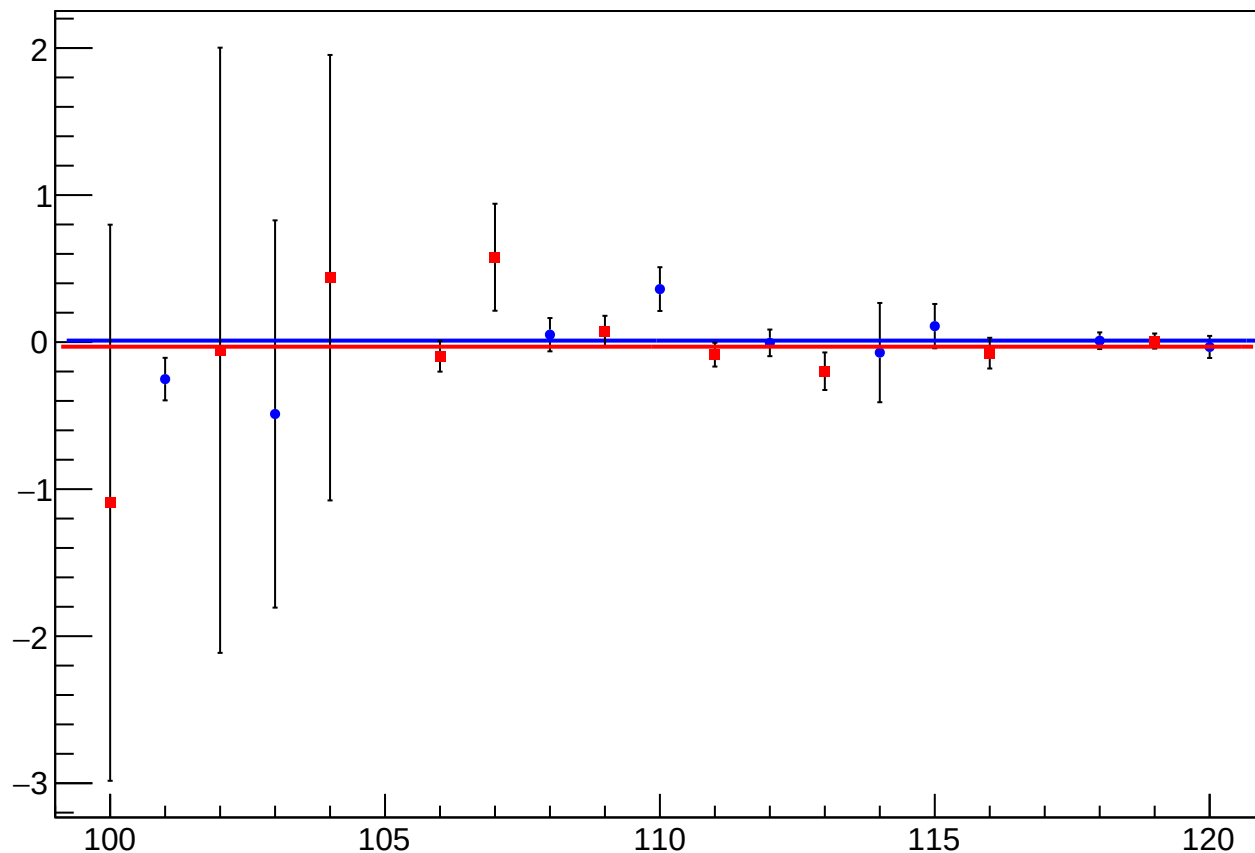
Right: 50.198+/-0.017 χ^2/NDF : 4095332.7/18

In: 52.499+/-0.024 χ^2/NDF : 1672424.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.198+/-0.017 χ^2/NDF : 4095332.7/18

asym_at1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010+/-0.035 χ^2/NDF : 9.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.031+/-0.034 χ^2/NDF : 7.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

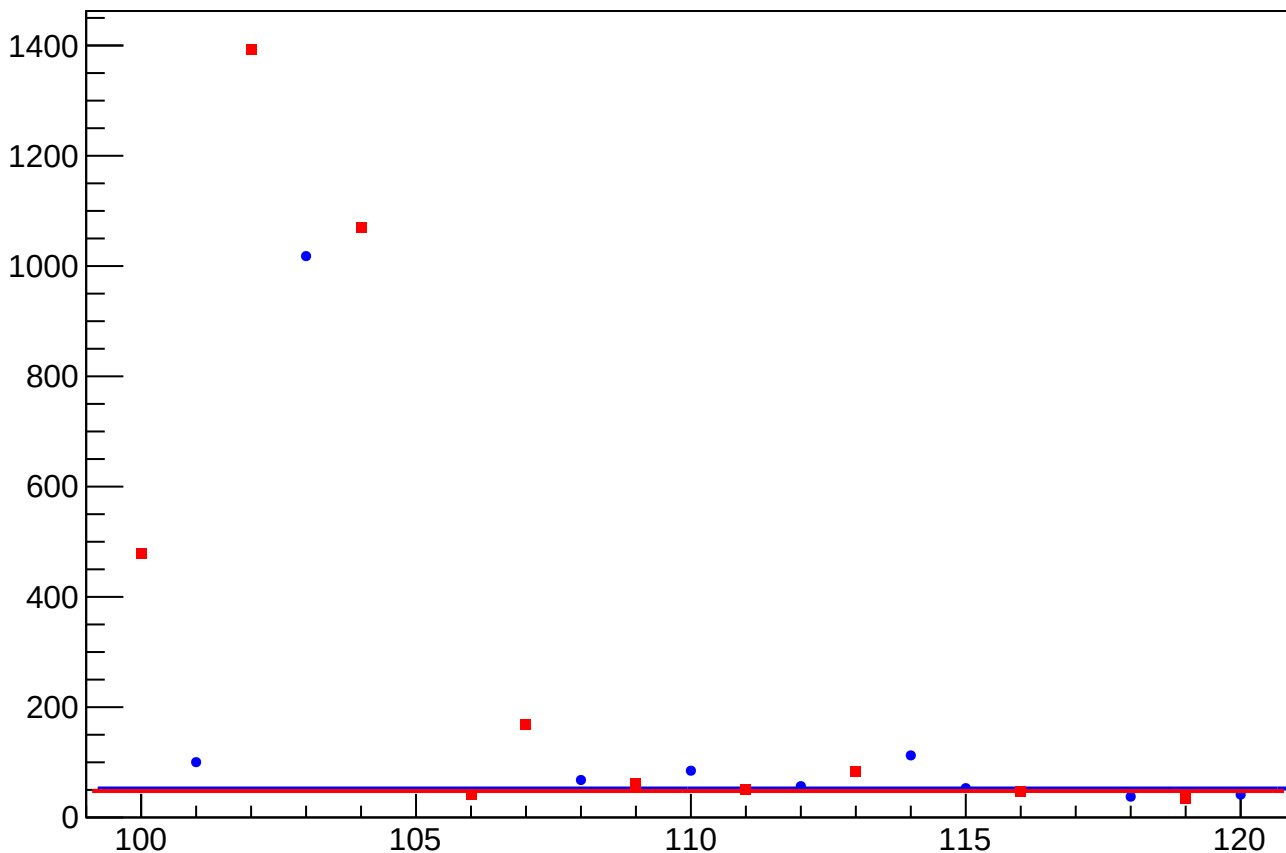
Right: -0.011+/-0.024 χ^2/NDF : 18.2/18

In: 0.010+/-0.035 χ^2/NDF : 9.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.024 χ^2/NDF : 18.2/18

asym_at1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.499+/-0.024 χ^2/NDF : 1672424.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.009+/-0.024 χ^2/NDF : 2405641.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

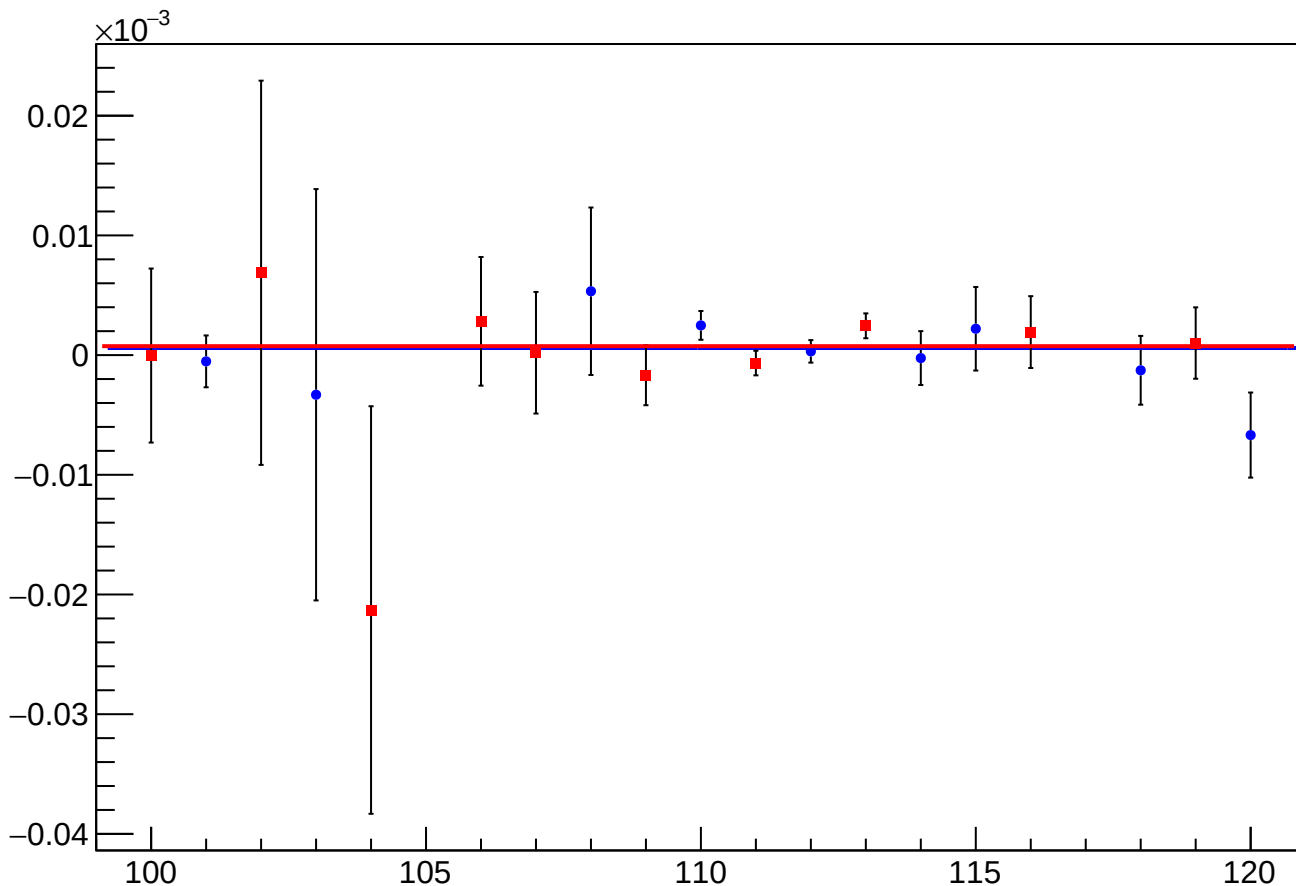
Right: 50.198+/-0.017 χ^2/NDF : 4095332.7/18

In: 52.499+/-0.024 χ^2/NDF : 1672424.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.198+/-0.017 χ^2/NDF : 4095332.7/18

asym_at1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

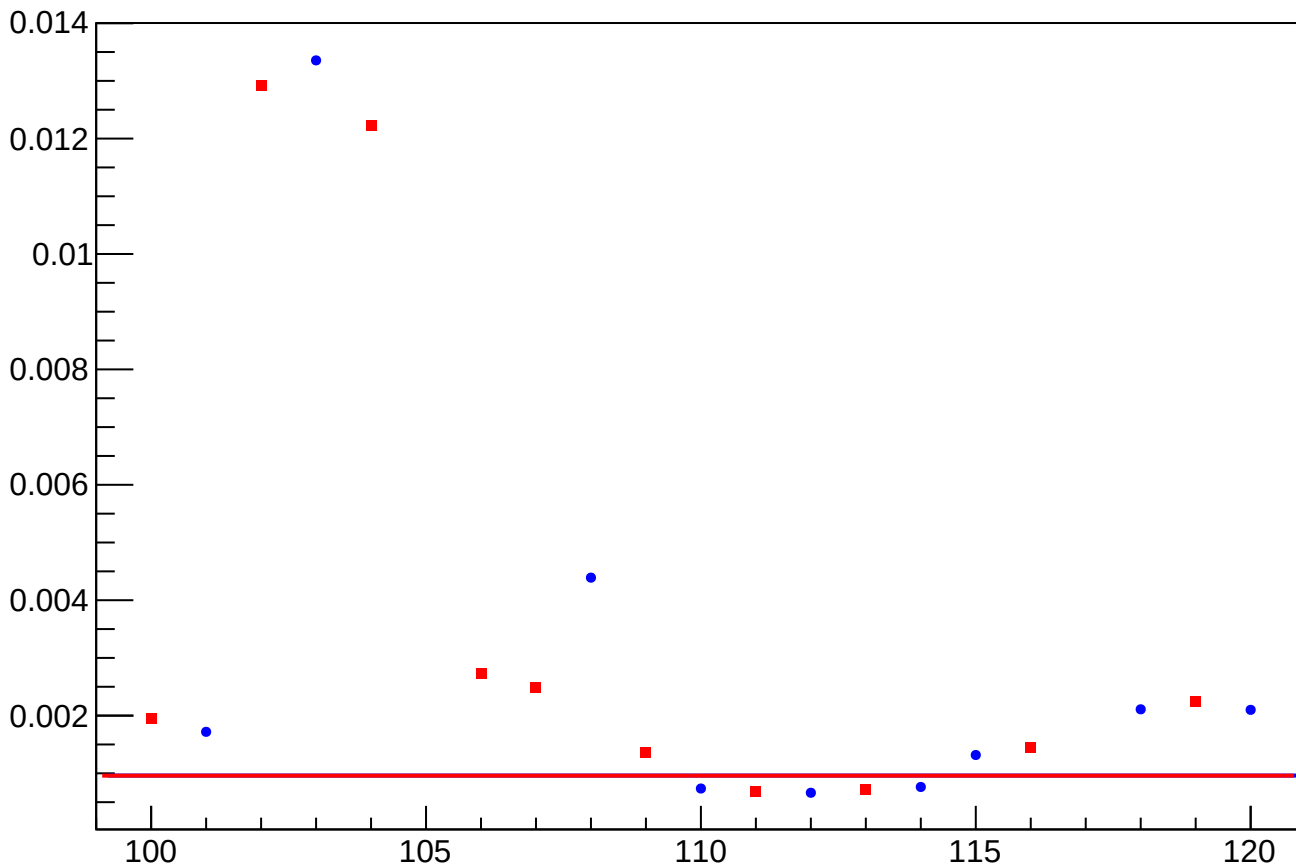
Right: 0.000+/-0.000 χ^2/NDF : 16.0/18

In: 0.000+/-0.000 χ^2/NDF : 8.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.0/18

asym_at1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2597736.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3157359.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

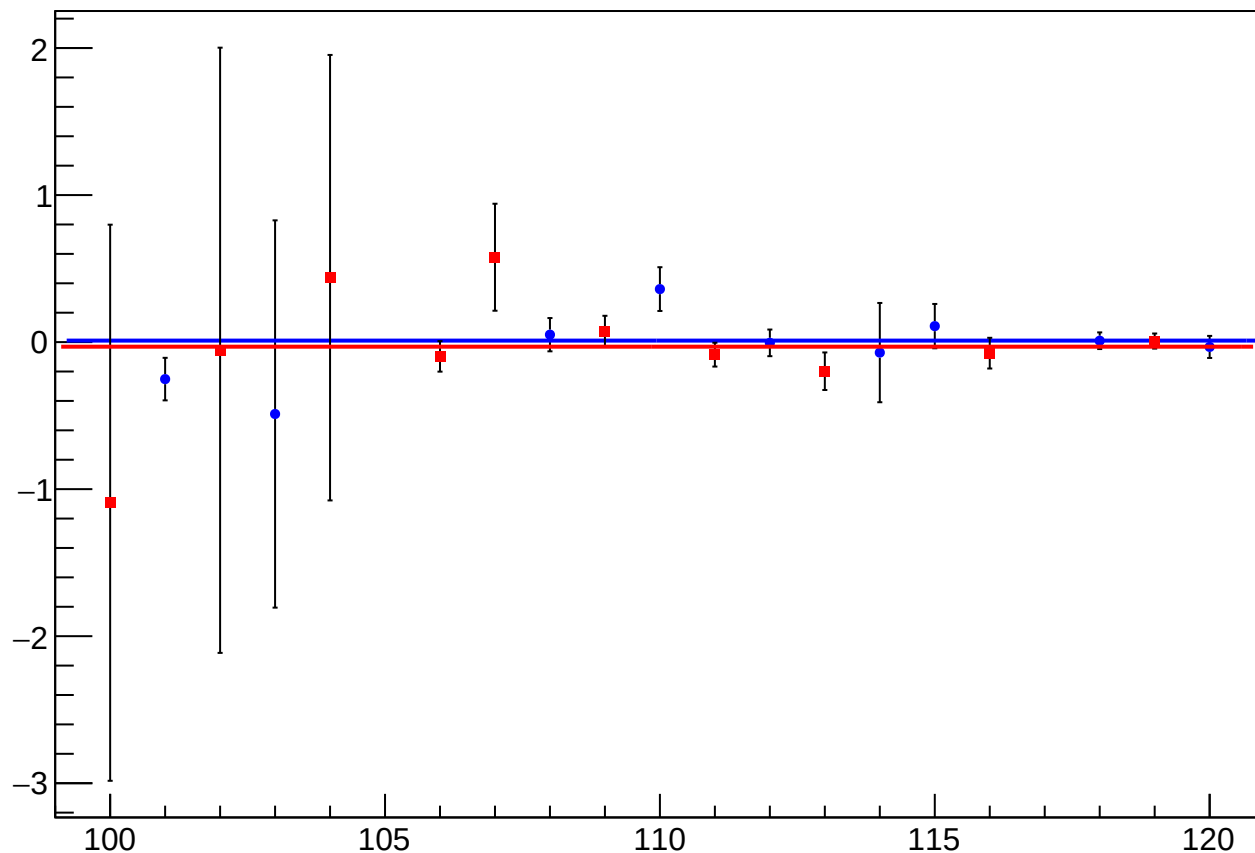
Right: 0.001+/-0.000 χ^2/NDF : 5755106.4/18

In: 0.001+/-0.000 χ^2/NDF : 2597736.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5755106.4/18

asym_at1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010+/-0.035 χ^2/NDF : 9.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.031+/-0.034 χ^2/NDF : 7.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

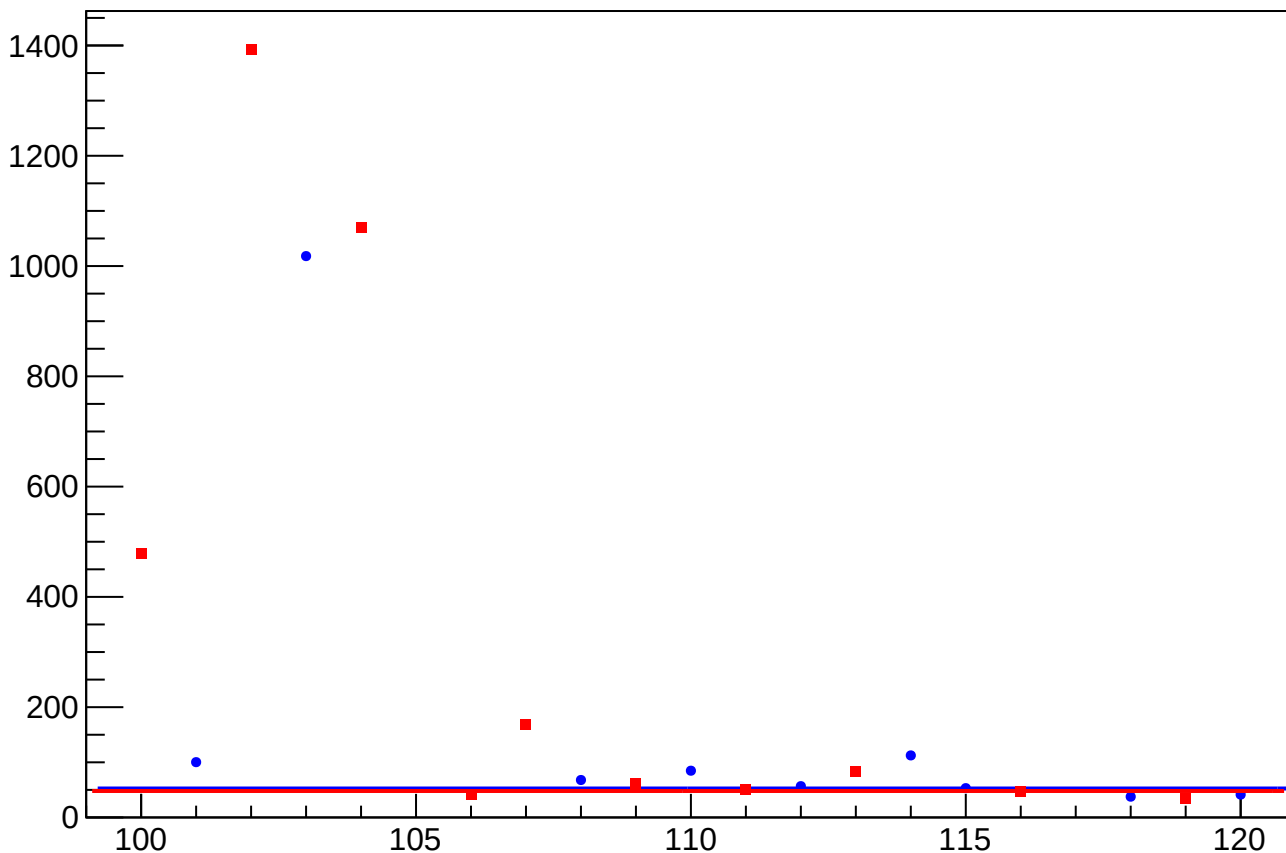
Right: -0.011+/-0.024 χ^2/NDF : 18.2/18

In: 0.010+/-0.035 χ^2/NDF : 9.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.024 χ^2/NDF : 18.2/18

asym_at1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.498+/-0.024 χ^2/NDF : 1672439.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.008+/-0.024 χ^2/NDF : 2405674.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

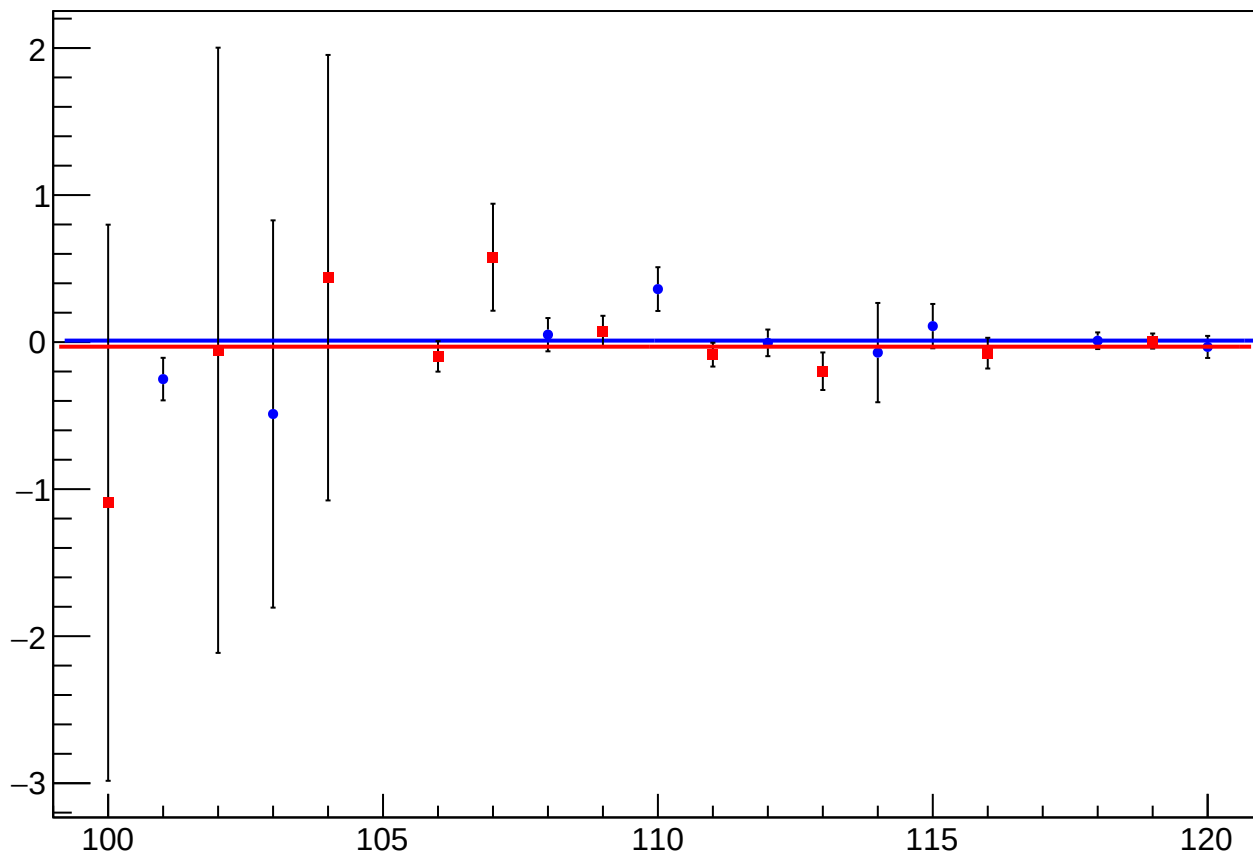
Right: 50.197+/-0.017 χ^2/NDF : 4095392.0/18

In: 52.498+/-0.024 χ^2/NDF : 1672439.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.197+/-0.017 χ^2/NDF : 4095392.0/18

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010+/-0.035 χ^2/NDF : 9.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.031+/-0.034 χ^2/NDF : 7.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

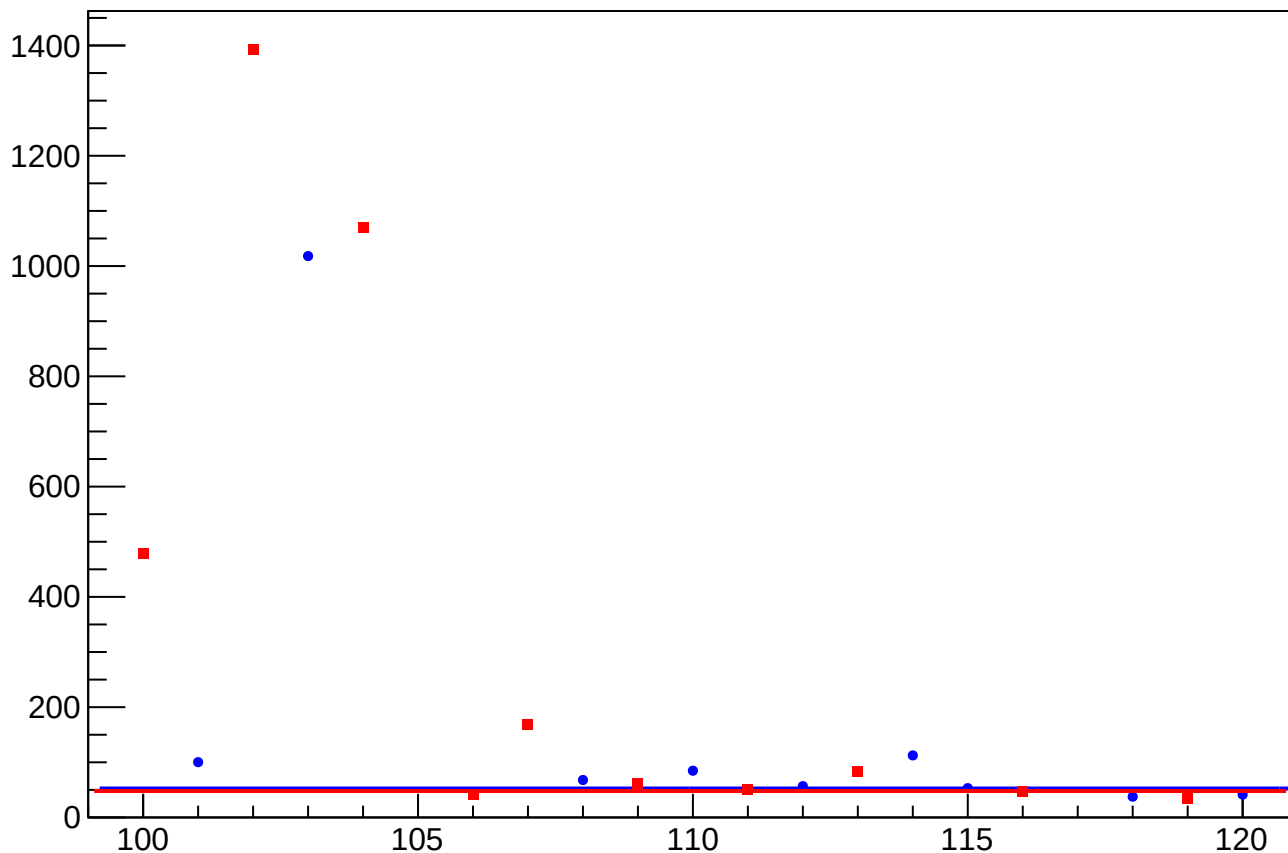
Right: -0.011+/-0.024 χ^2/NDF : 18.2/18

In: 0.010+/-0.035 χ^2/NDF : 9.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.024 χ^2/NDF : 18.2/18

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.498+/-0.024 χ^2/NDF : 1672439.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.008+/-0.024 χ^2/NDF : 2405674.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

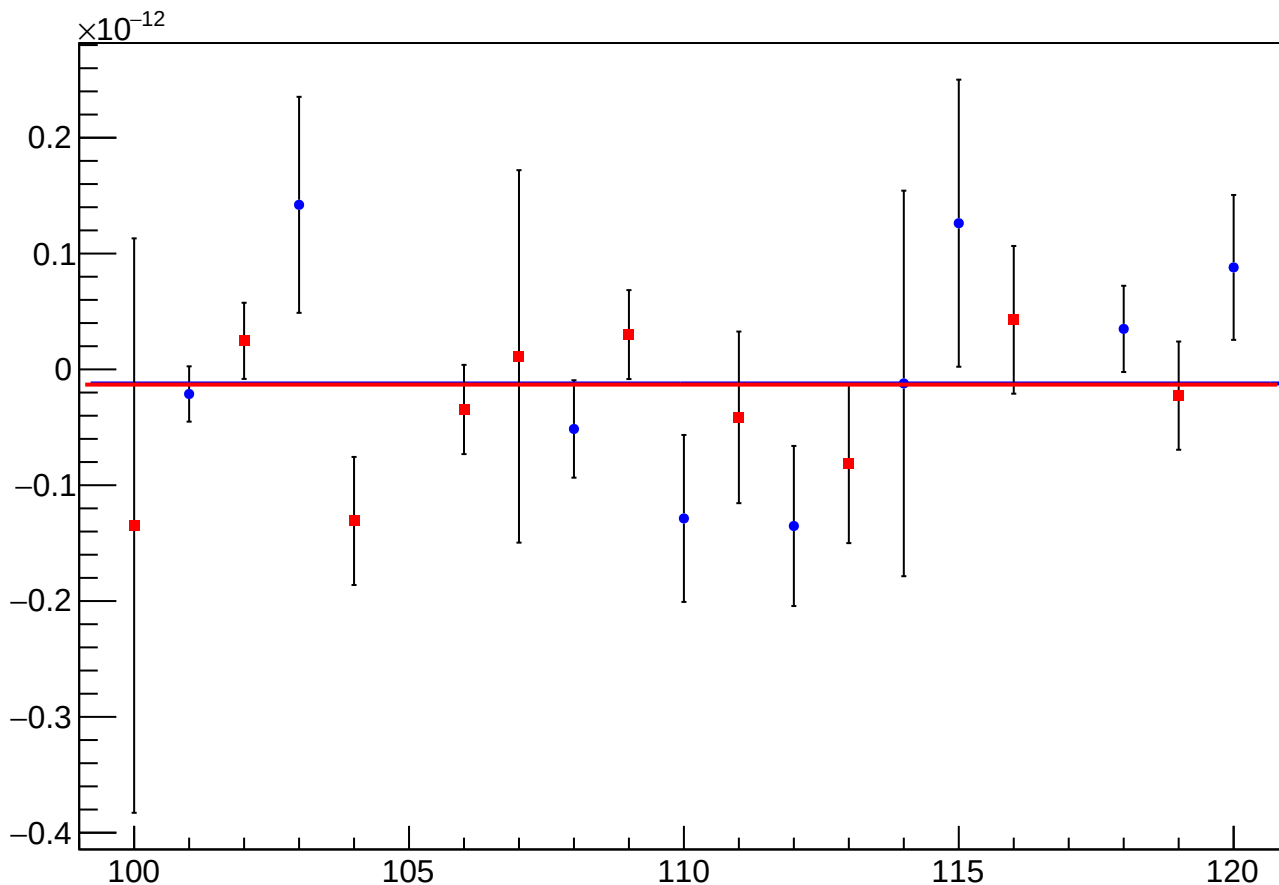
Right: 50.197+/-0.017 χ^2/NDF : 4095392.0/18

In: 52.498+/-0.024 χ^2/NDF : 1672439.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.197+/-0.017 χ^2/NDF : 4095392.0/18

asym_at1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

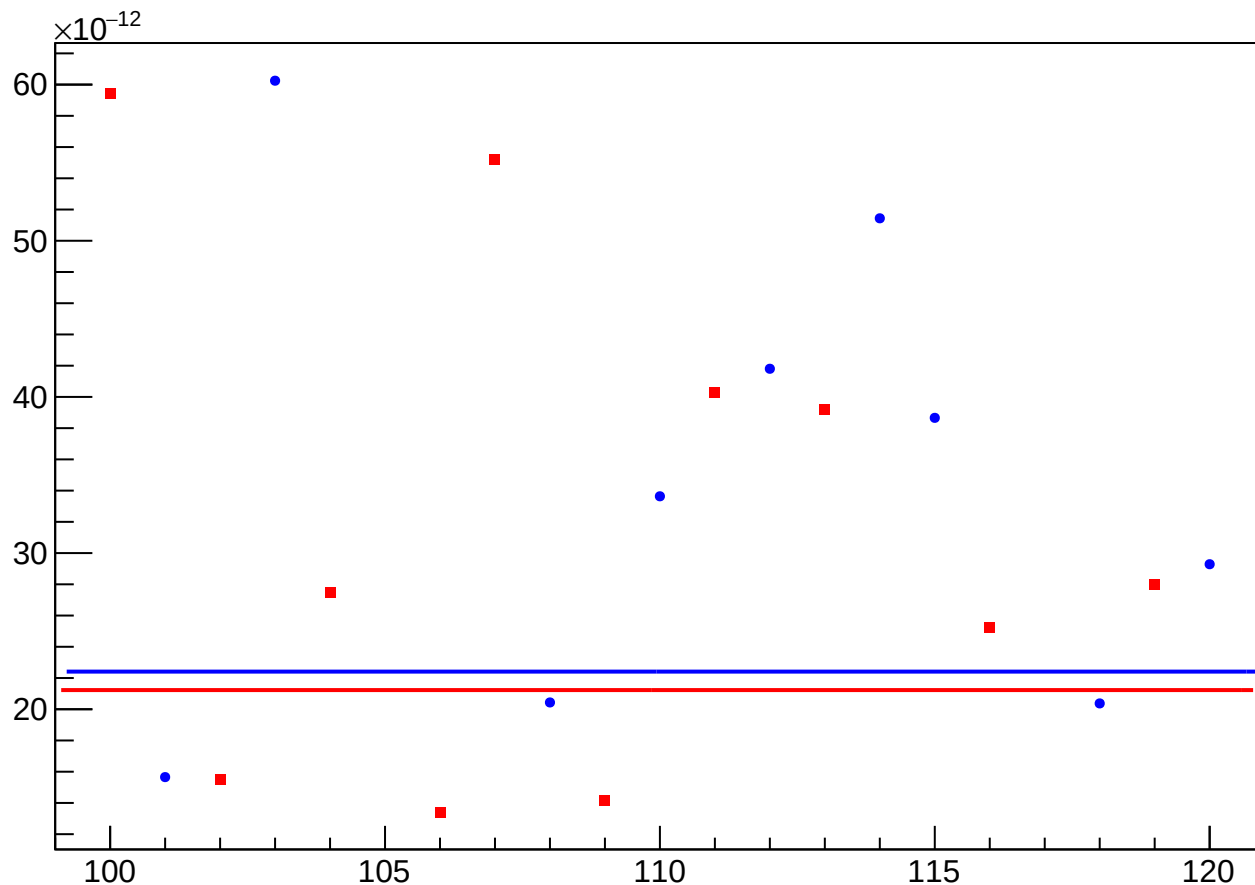
Right: -0.000+/-0.000 χ^2/NDF : 24.6/18

In: -0.000+/-0.000 χ^2/NDF : 14.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.6/18

asym_at1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 825206.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 692734.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

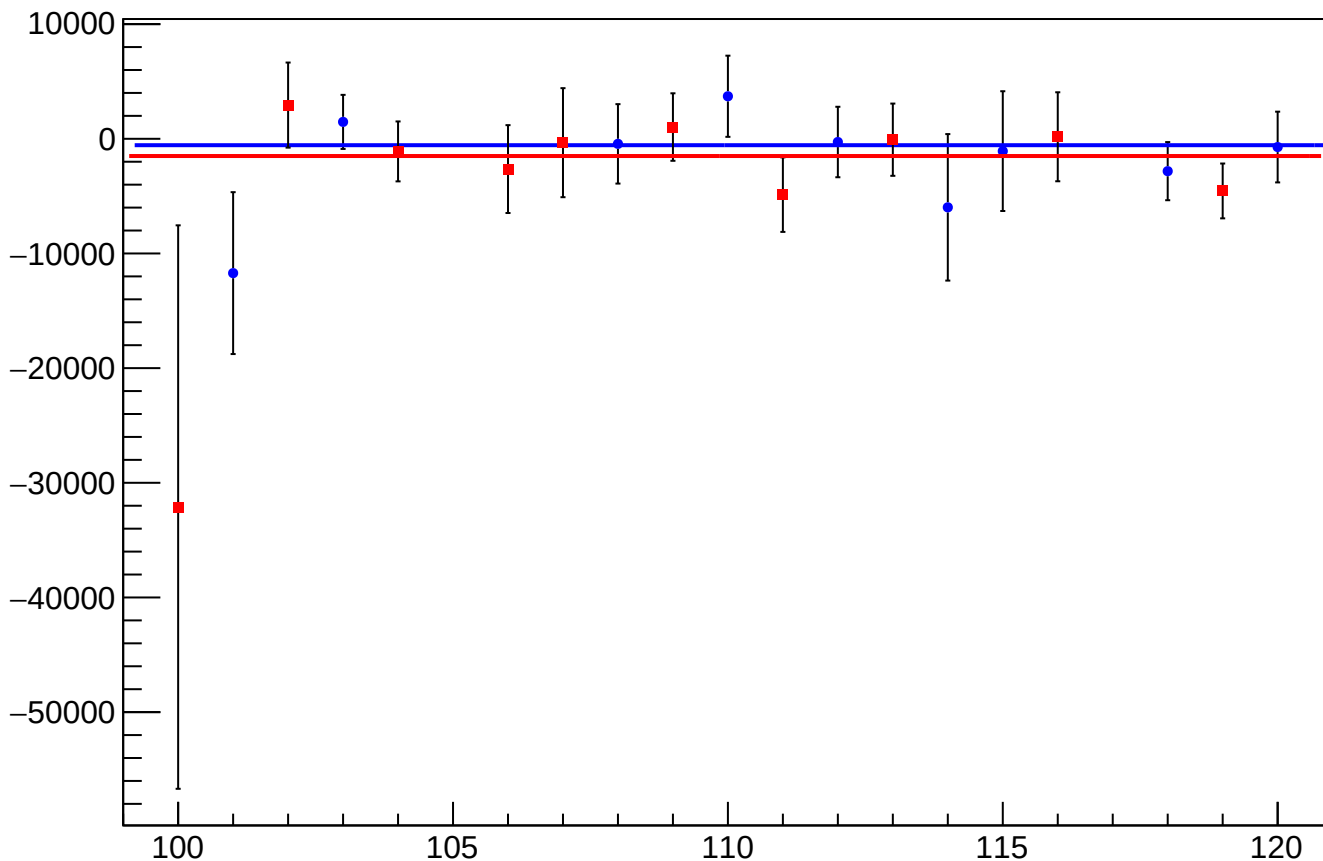
Right: 0.000+/-0.000 χ^2/NDF : 1523311.5/18

In: 0.000+/-0.000 χ^2/NDF : 825206.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1523311.5/18

reg_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -557.987+/-1124.515 χ^2/NDF : 6.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1502.543+/-1062.741 χ^2/NDF : 7.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

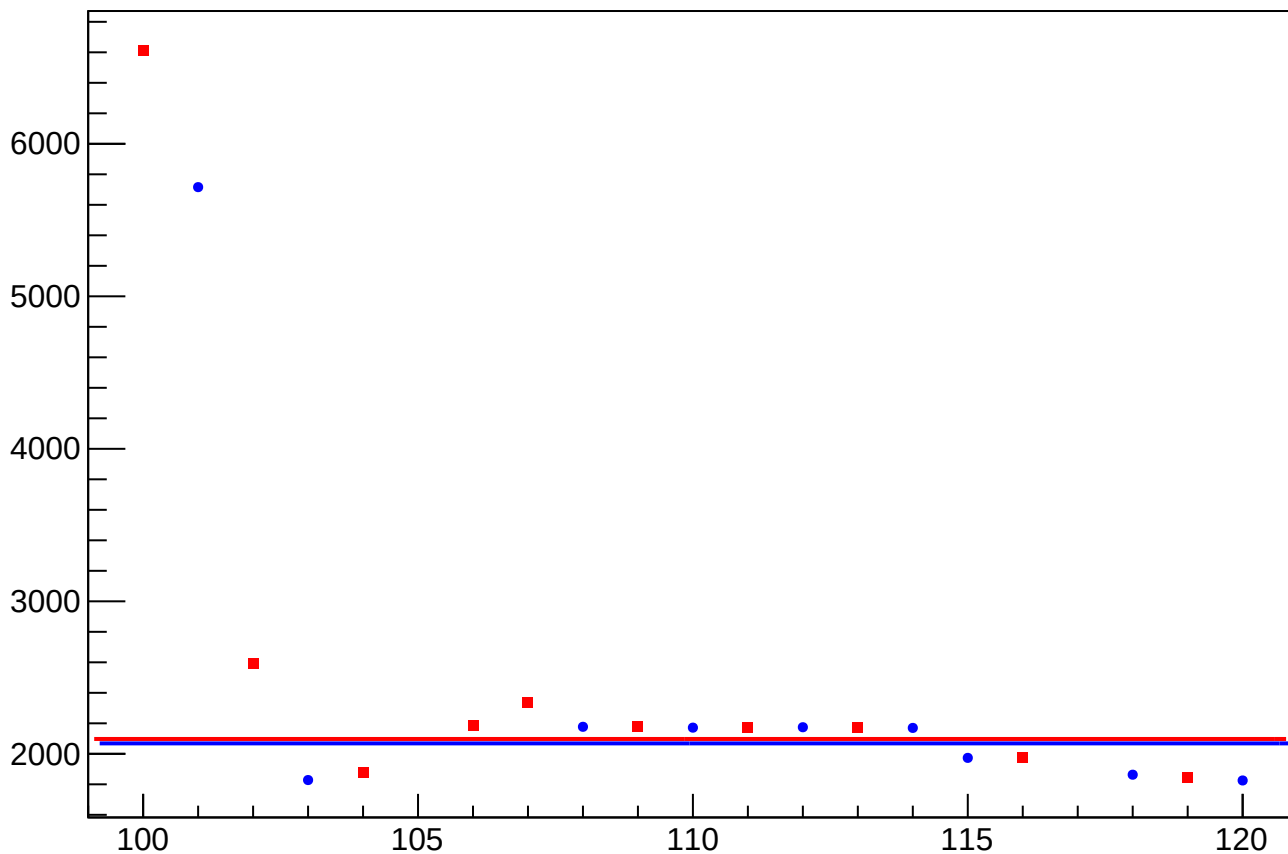
Right: -1056.921+/-772.387 χ^2/NDF : 13.6/18

In: -557.987+/-1124.515 χ^2/NDF : 6.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1056.921+/-772.387 χ^2/NDF : 13.6/18

reg_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2068.469+/-0.795 χ^2/NDF : 587578.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2097.387+/-0.751 χ^2/NDF : 150947.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

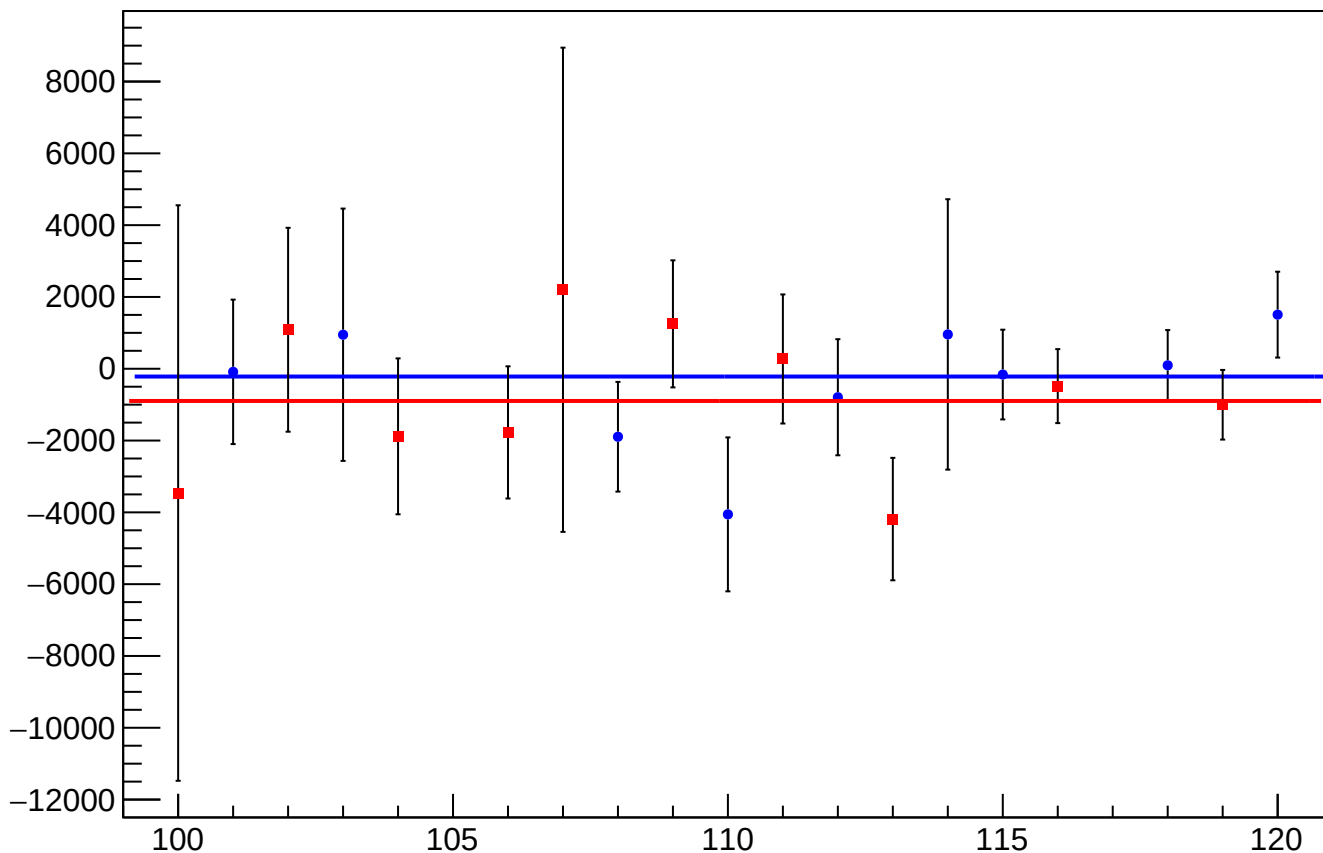
Right: 2083.744+/-0.546 χ^2/NDF : 739224.3/18

In: 2068.469+/-0.795 χ^2/NDF : 587578.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2083.744+/-0.546 χ^2/NDF : 739224.3/18

asym_at1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -216.801+/-512.759 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -897.113+/-523.747 χ^2/NDF : 7.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

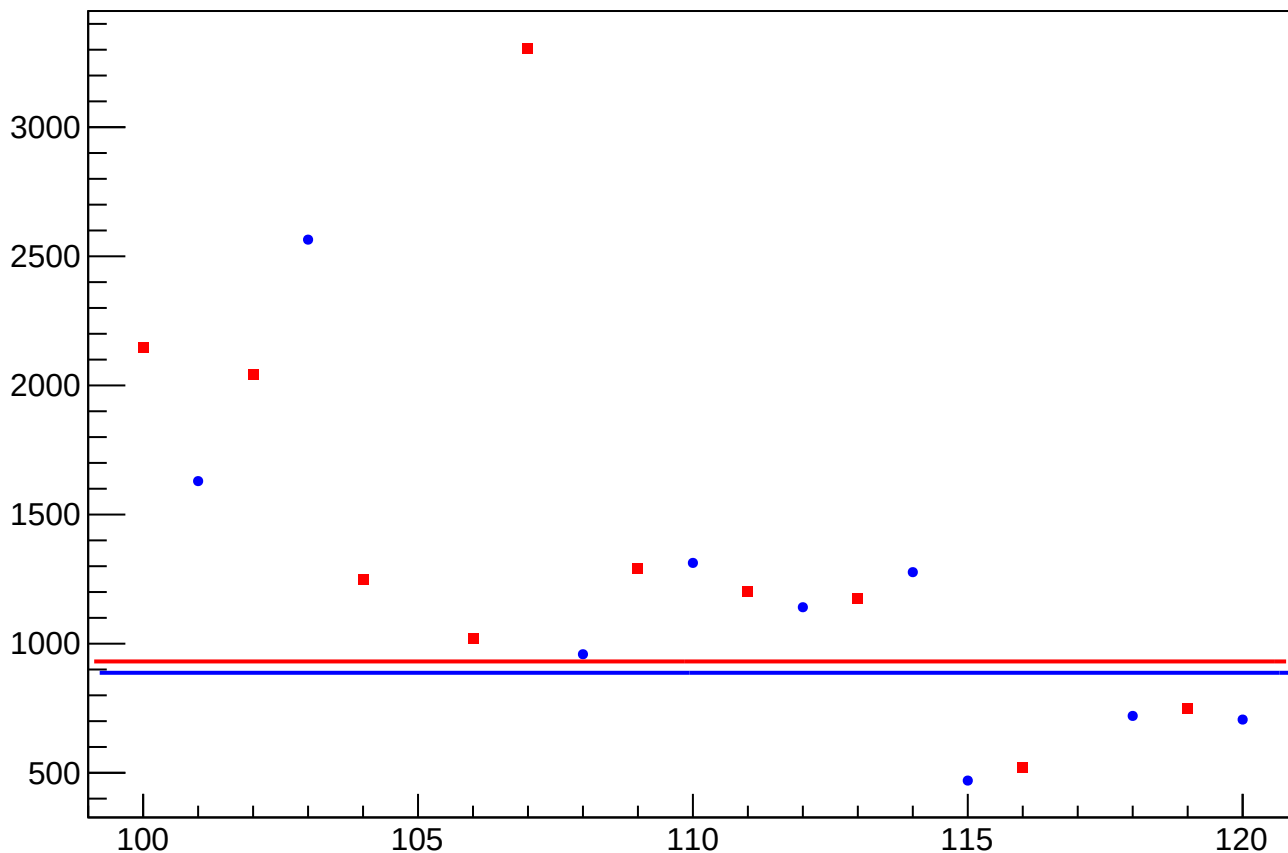
Right: -549.746+/-366.399 χ^2/NDF : 14.8/18

In: -216.801+/-512.759 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -549.746+/-366.399 χ^2/NDF : 14.8/18

asym_at1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 887.296+/-0.363 χ^2/NDF : 1208470.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 931.214+/-0.370 χ^2/NDF : 1206889.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

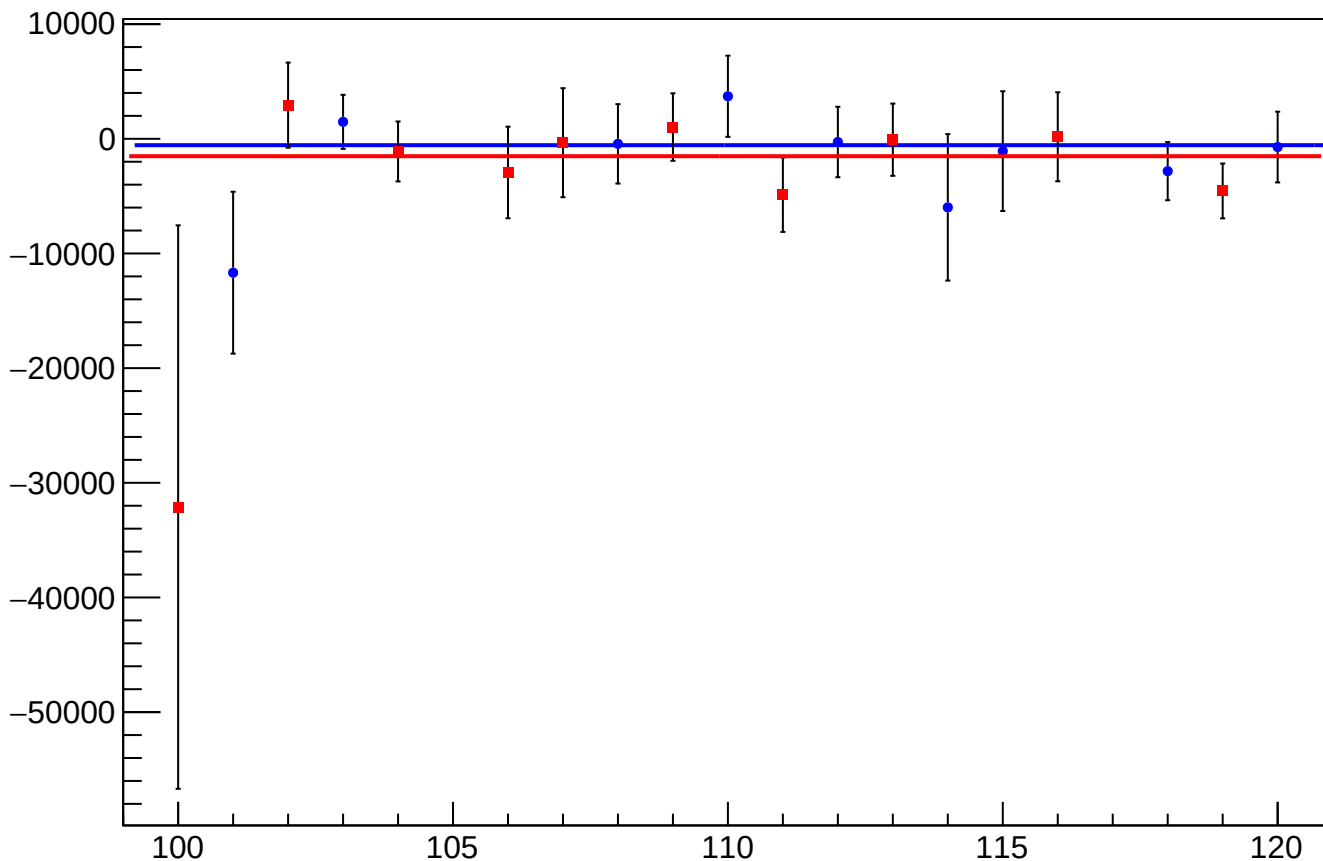
Right: 908.790+/-0.259 χ^2/NDF : 2422540.2/18

In: 887.296+/-0.363 χ^2/NDF : 1208470.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 908.790+/-0.259 χ^2/NDF : 2422540.2/18

cor_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -556.300+/-1124.515 χ^2/NDF : 6.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1517.646+/-1065.982 χ^2/NDF : 7.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

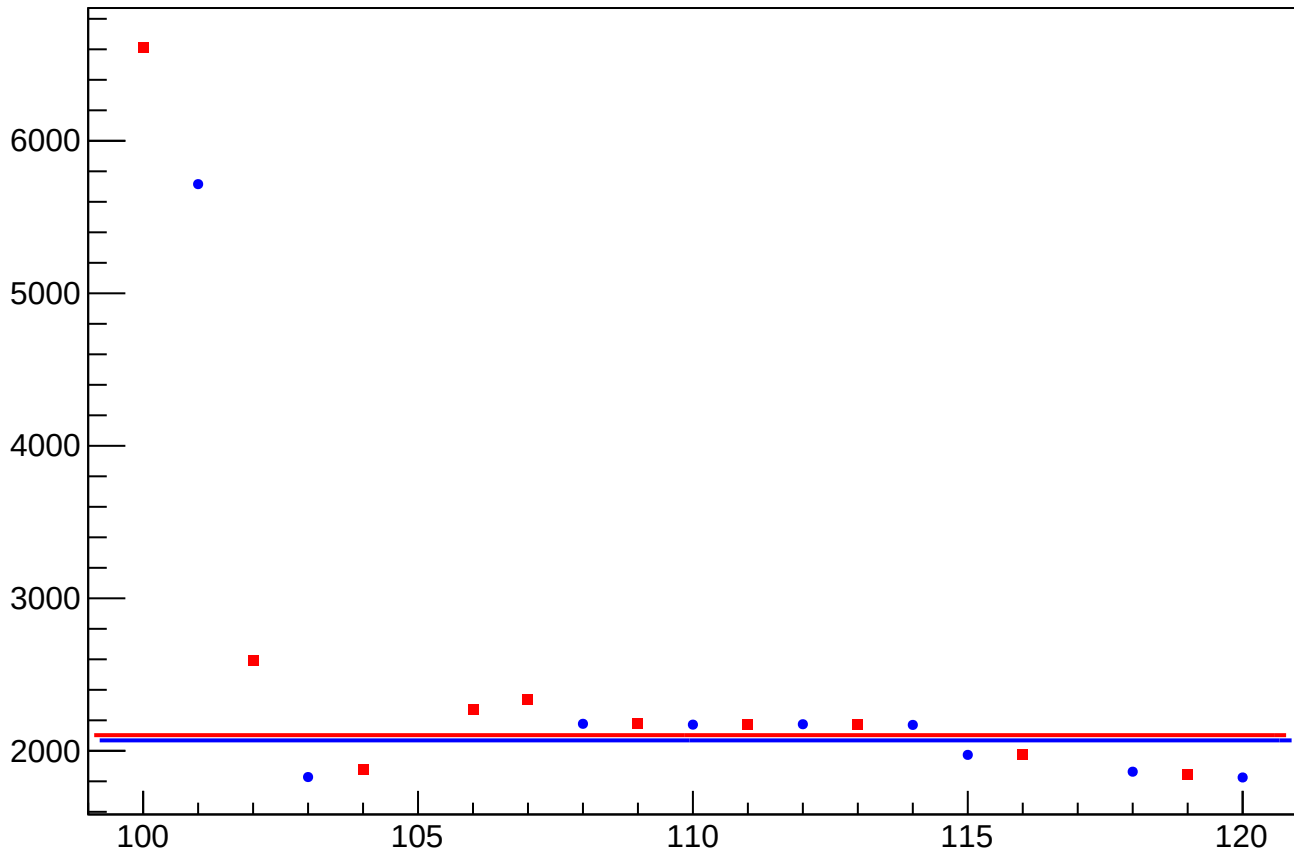
Right: -1062.644+/-773.629 χ^2/NDF : 13.6/18

In: -556.300+/-1124.515 χ^2/NDF : 6.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1062.644+/-773.629 χ^2/NDF : 13.6/18

cor_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2068.469 $\pm$ 0.795 χ^2/NDF : 587578.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 2102.679 $\pm$ 0.754 χ^2/NDF : 153501.2/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

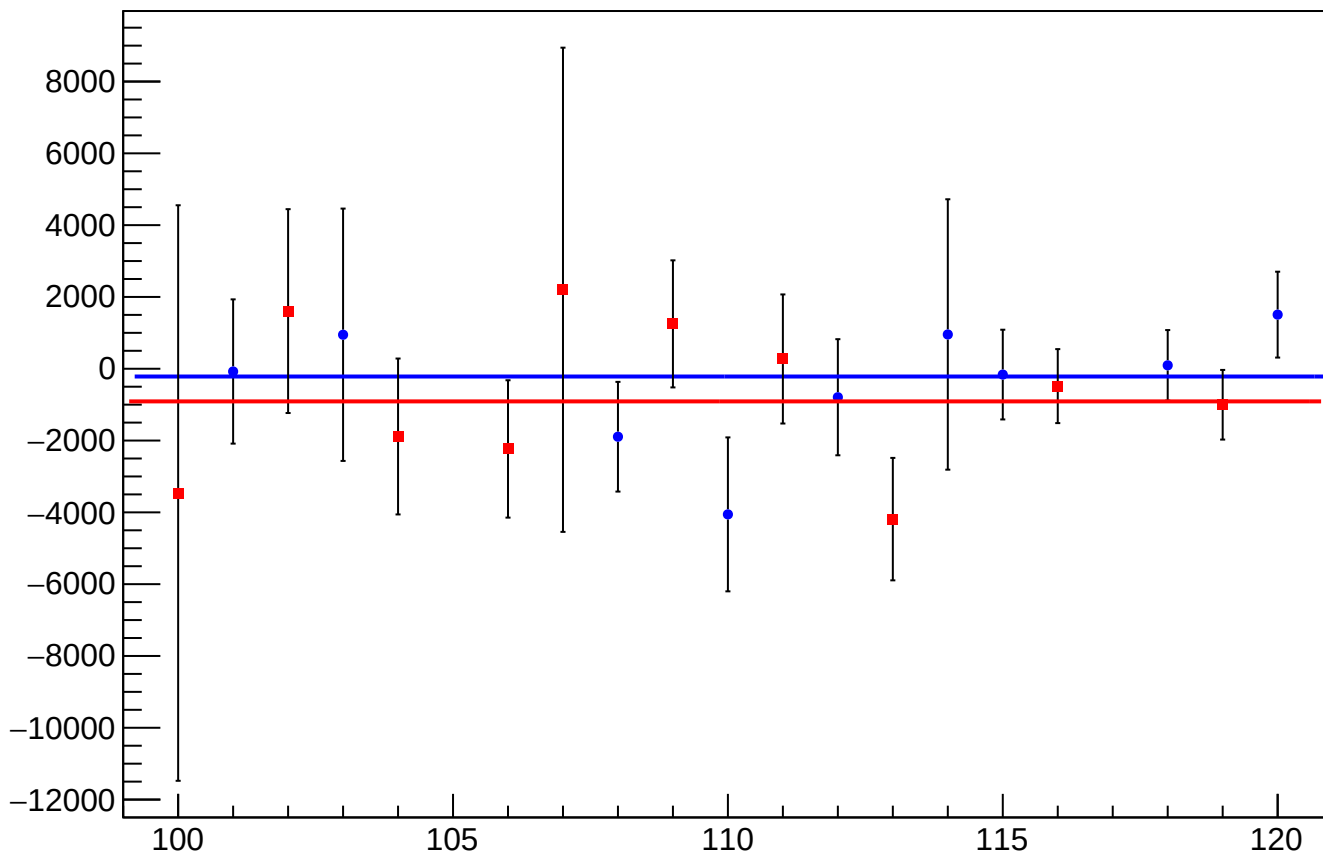
Right: 2086.487 $\pm$ 0.547 χ^2/NDF : 742054.5/18

In: 2068.469 $\pm$ 0.795 χ^2/NDF : 587578.4/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 2086.487 $\pm$ 0.547 χ^2/NDF : 742054.5/18

asym_at1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -216.289+/-512.701 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -909.185+/-525.309 χ^2/NDF : 7.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

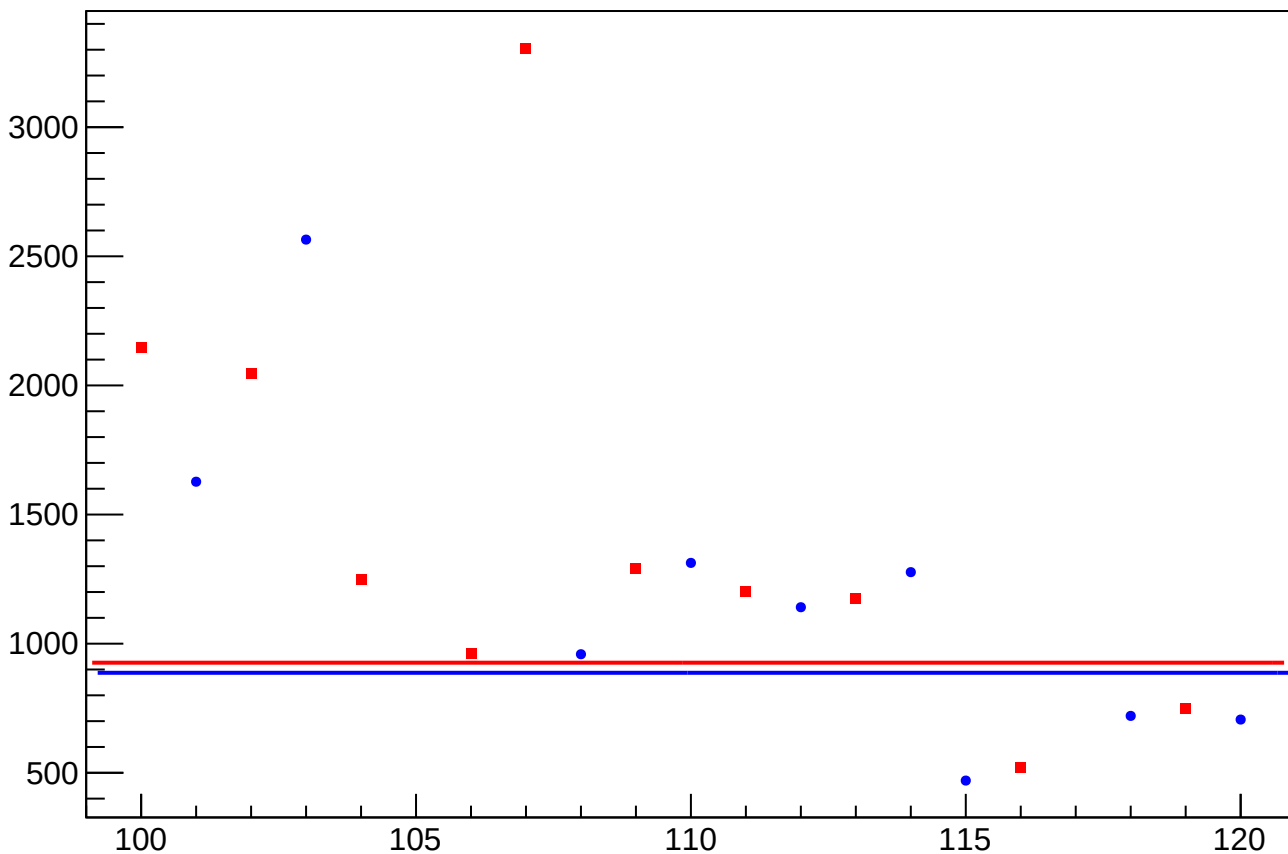
Right: -554.323+/-366.911 χ^2/NDF : 15.4/18

In: -216.289+/-512.701 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -554.323+/-366.911 χ^2/NDF : 15.4/18

asym_at1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 887.260+/-0.363 χ^2/NDF : 1207631.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 926.392+/-0.371 χ^2/NDF : 1204733.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

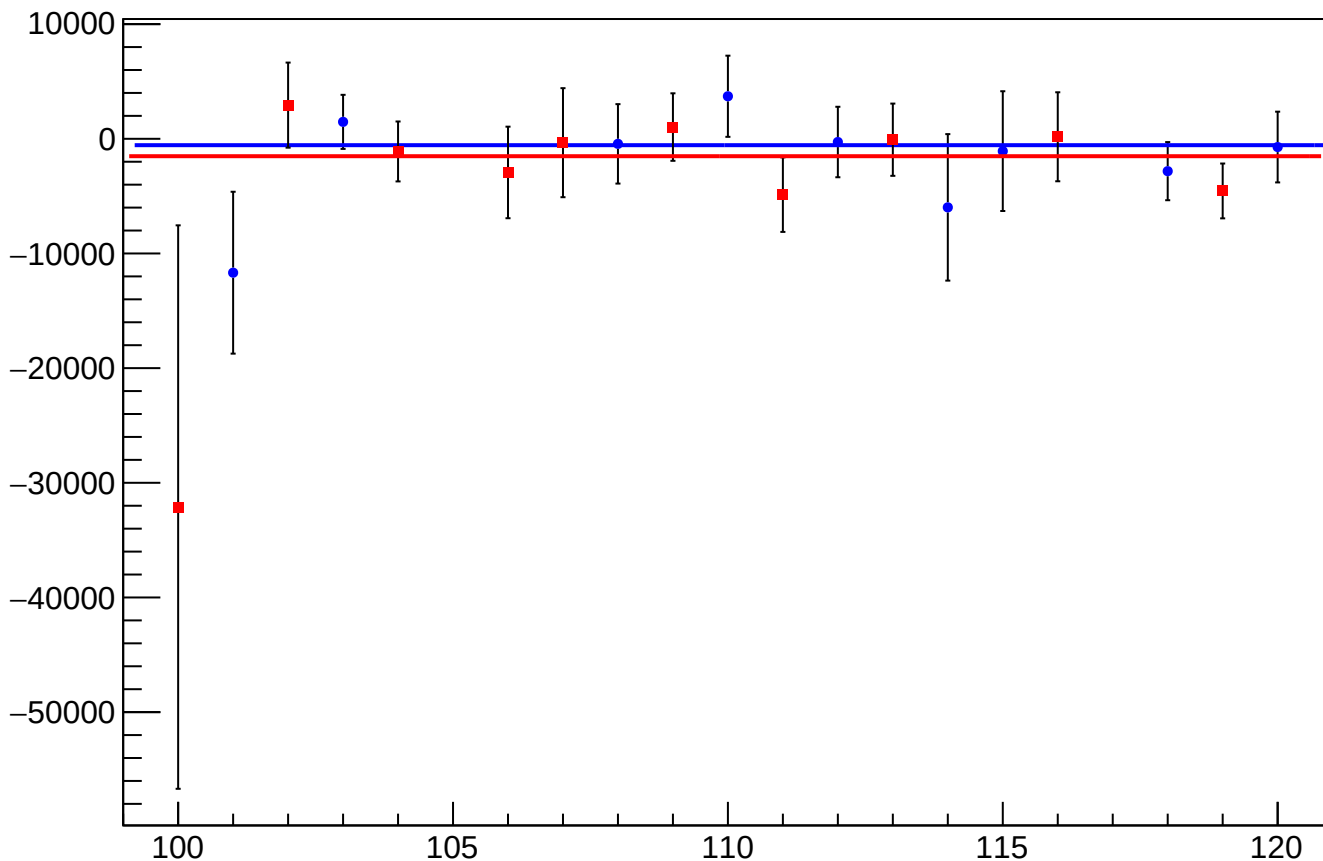
Right: 906.351+/-0.259 χ^2/NDF : 2418049.3/18

In: 887.260+/-0.363 χ^2/NDF : 1207631.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 906.351+/-0.259 χ^2/NDF : 2418049.3/18

eigen_cor_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -556.300+/-1124.515 χ^2/NDF : 6.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1517.646+/-1065.982 χ^2/NDF : 7.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

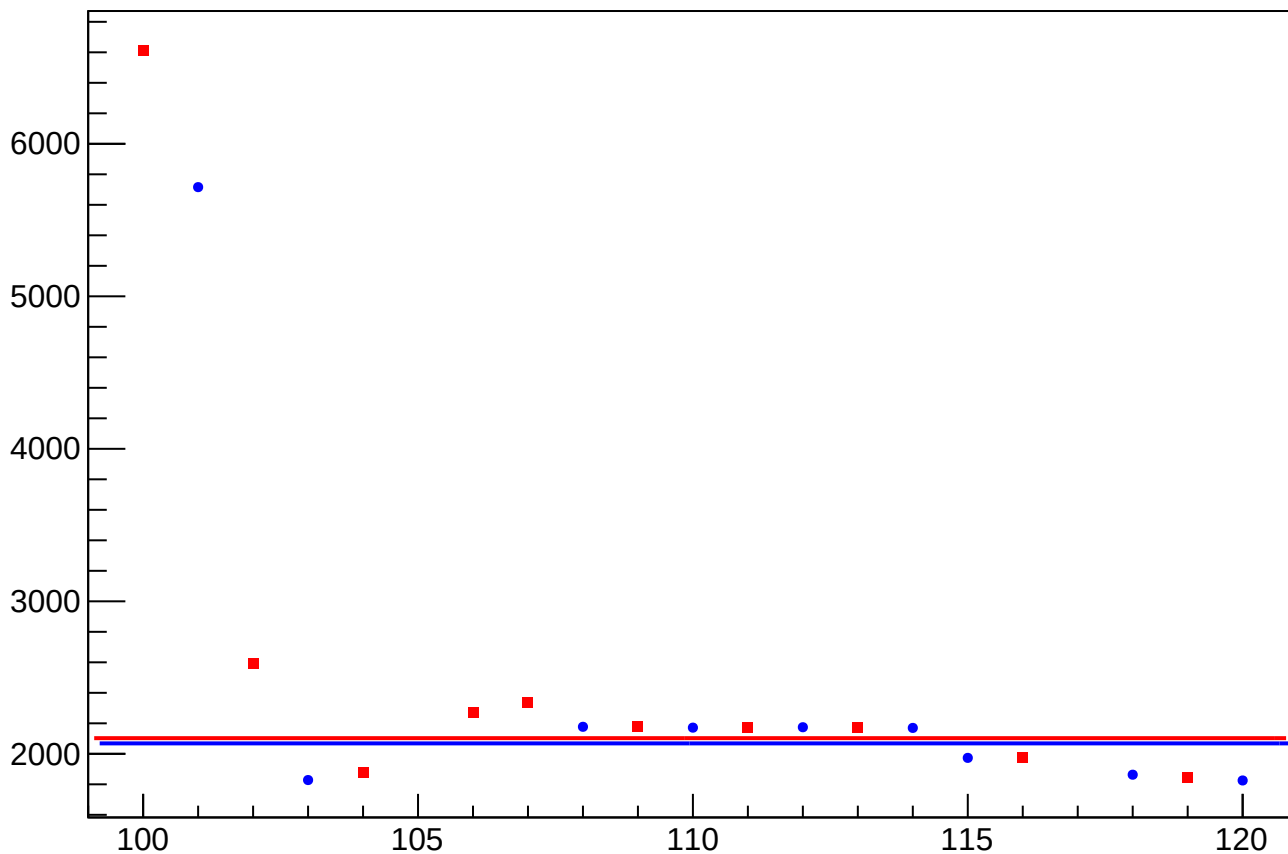
Right: -1062.644+/-773.629 χ^2/NDF : 13.6/18

In: -556.300+/-1124.515 χ^2/NDF : 6.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1062.644+/-773.629 χ^2/NDF : 13.6/18

eigen_cor_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2068.469+/-0.795 χ^2/NDF : 587578.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2102.679+/-0.754 χ^2/NDF : 153501.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

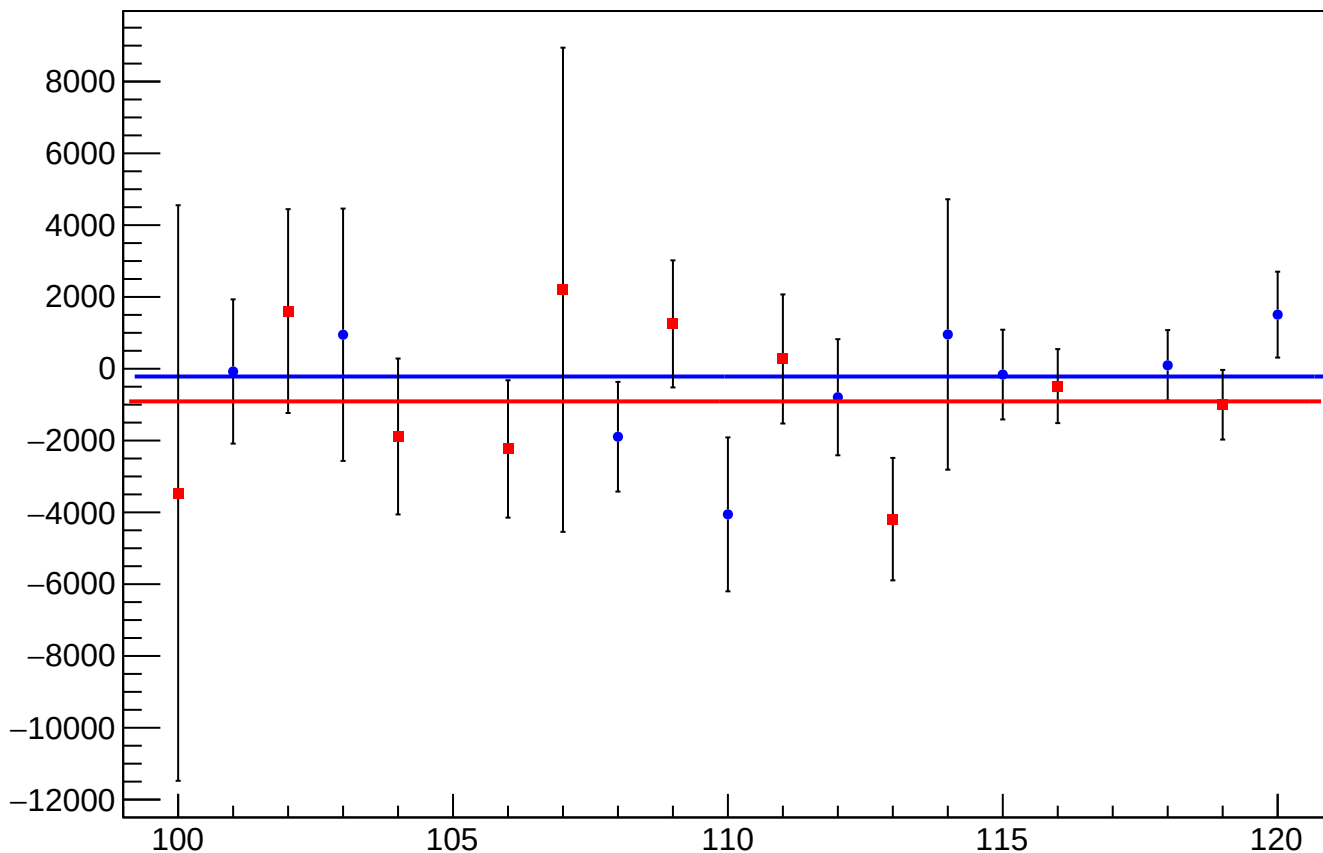
Right: 2086.487+/-0.547 χ^2/NDF : 742054.5/18

In: 2068.469+/-0.795 χ^2/NDF : 587578.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2086.487+/-0.547 χ^2/NDF : 742054.5/18

asym_at1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -216.289+/-512.701 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -909.185+/-525.309 χ^2/NDF : 7.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

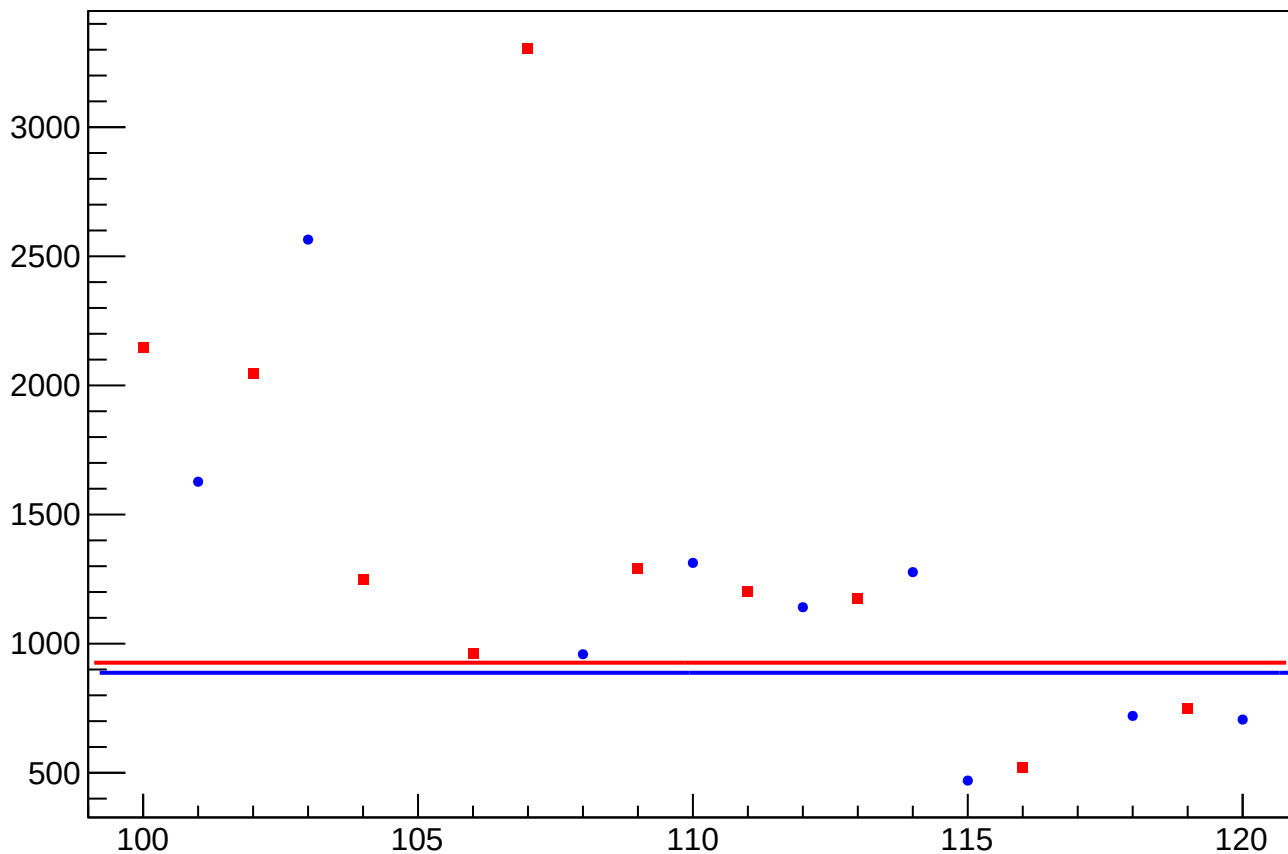
Right: -554.323+/-366.911 χ^2/NDF : 15.4/18

In: -216.289+/-512.701 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -554.323+/-366.911 χ^2/NDF : 15.4/18

asym_at1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 887.260+/-0.363 χ^2/NDF : 1207631.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 926.392+/-0.371 χ^2/NDF : 1204733.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

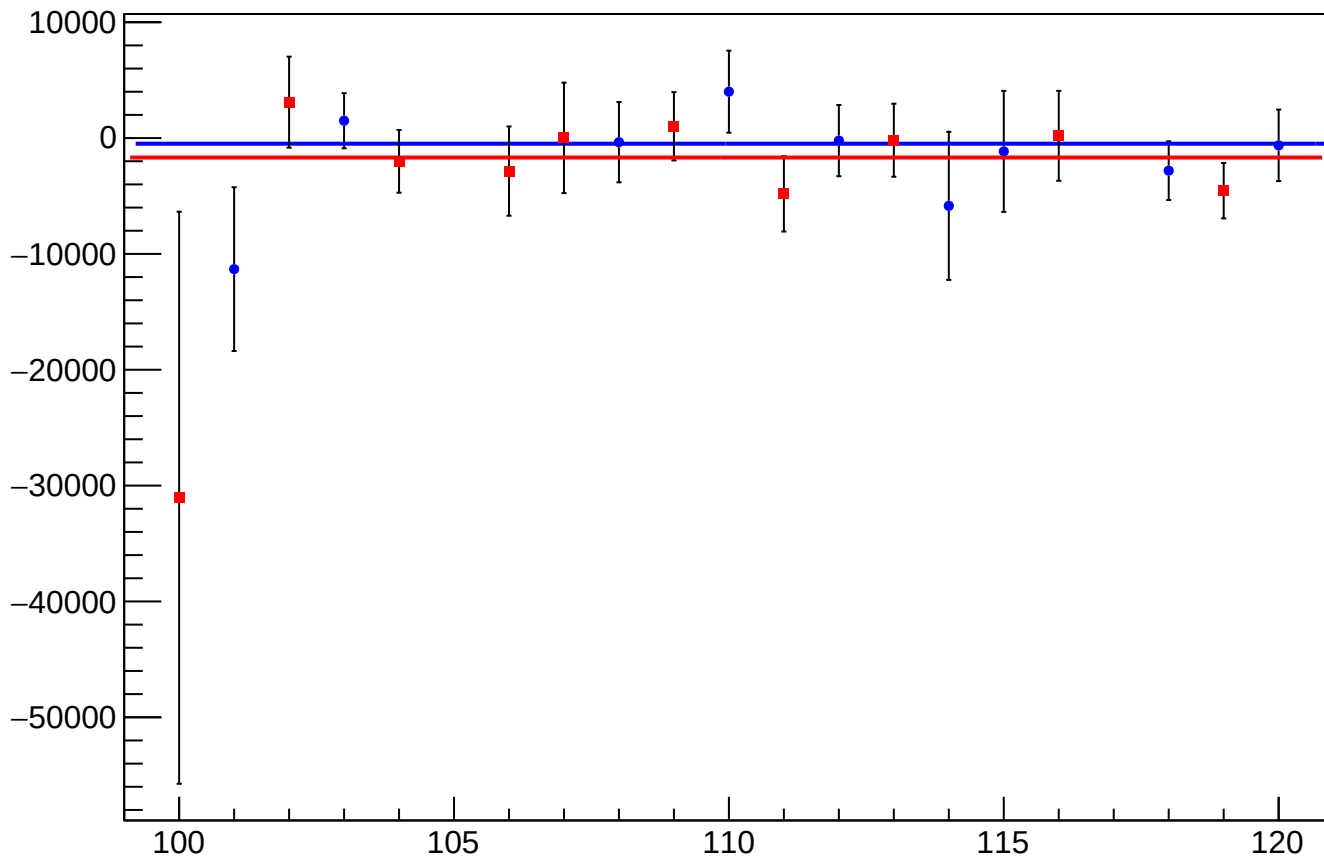
Right: 906.351+/-0.259 χ^2/NDF : 2418049.3/18

In: 887.260+/-0.363 χ^2/NDF : 1207631.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 906.351+/-0.259 χ^2/NDF : 2418049.3/18

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -486.605+/-1126.812 χ^2/NDF : 6.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1679.989+/-1074.928 χ^2/NDF : 6.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

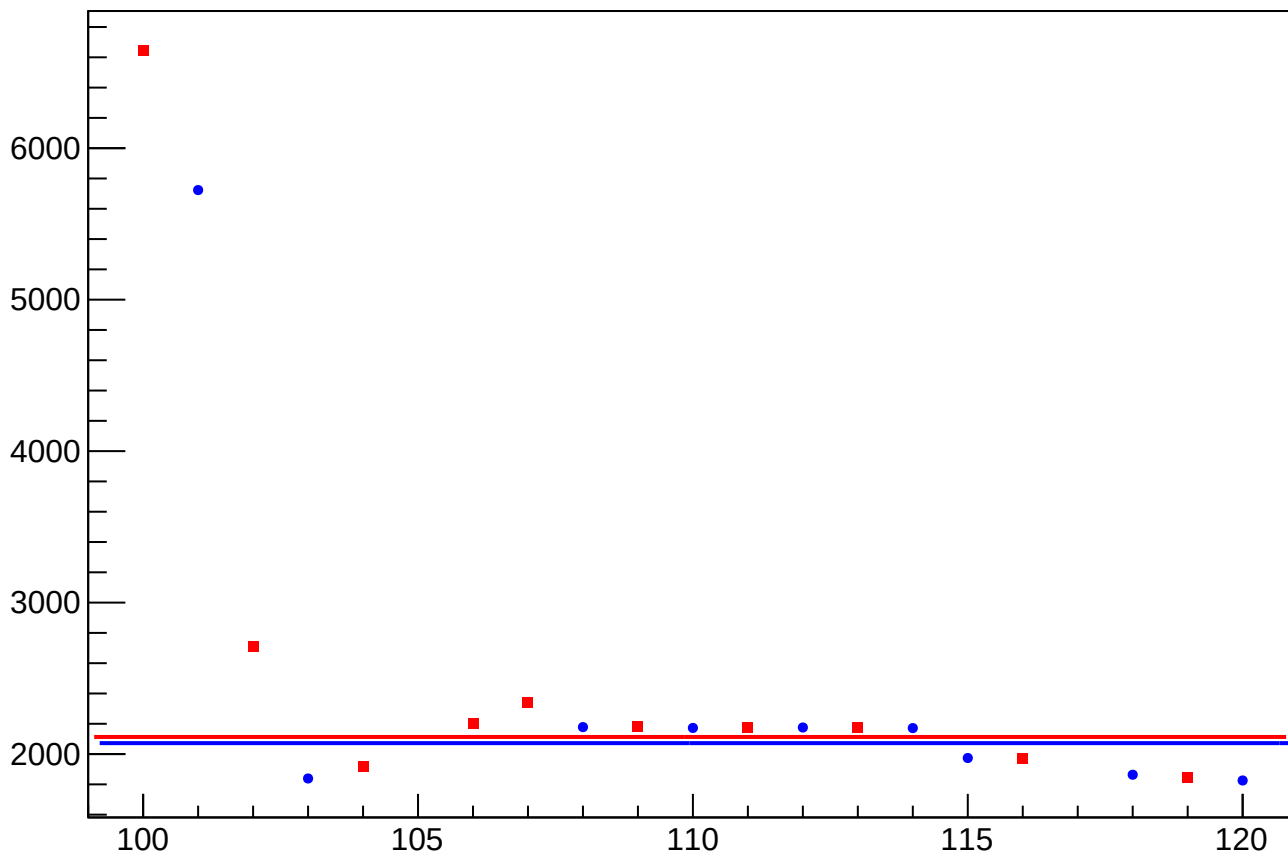
Right: -1111.403+/-777.784 χ^2/NDF : 13.6/18

In: -486.605+/-1126.812 χ^2/NDF : 6.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1111.403+/-777.784 χ^2/NDF : 13.6/18

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2072.256+/-0.797 χ^2/NDF : 586232.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2113.017+/-0.760 χ^2/NDF : 159643.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

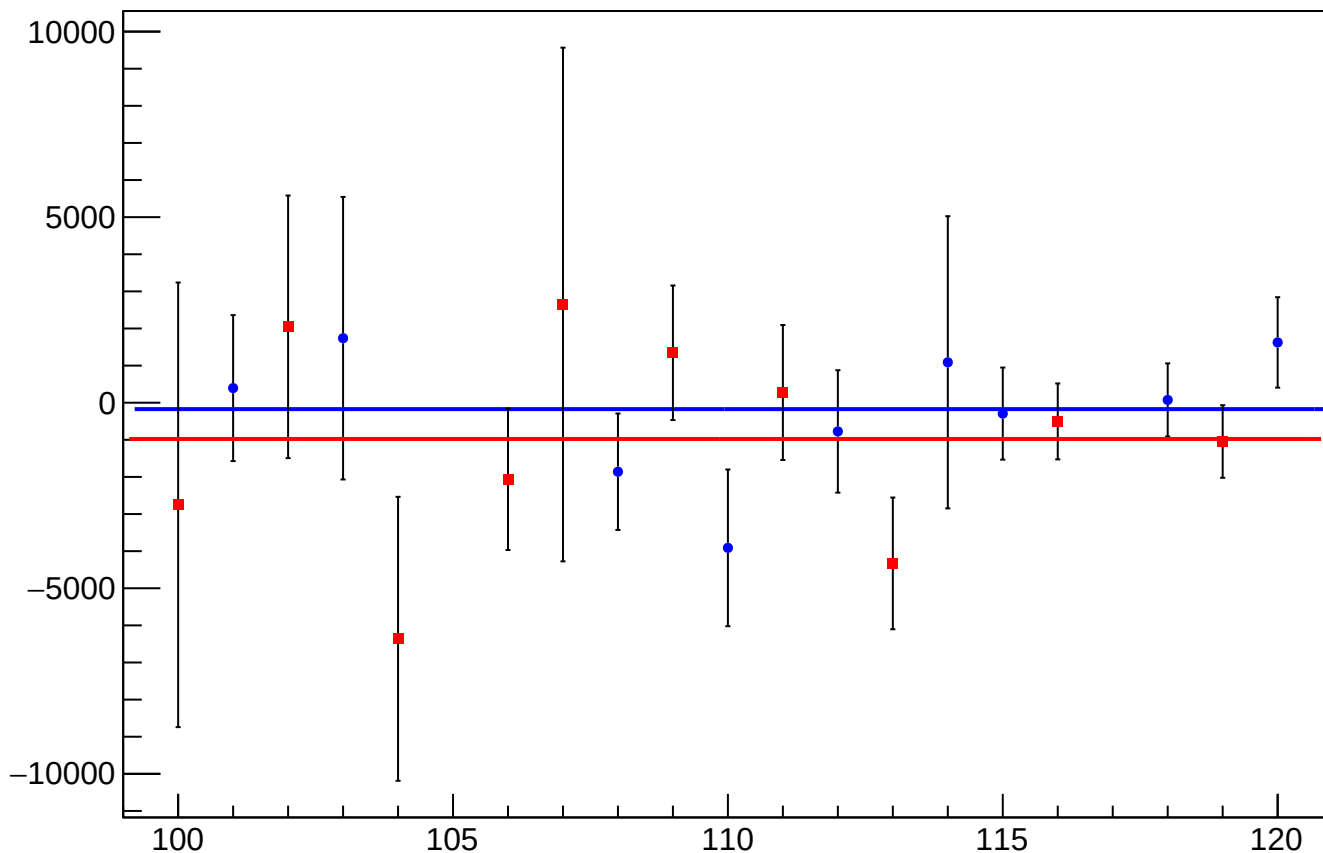
Right: 2093.596+/-0.550 χ^2/NDF : 747246.2/18

In: 2072.256+/-0.797 χ^2/NDF : 586232.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2093.596+/-0.550 χ^2/NDF : 747246.2/18

asym_at1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -172.457+/-516.894 χ^2/NDF : 7.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -976.747+/-542.451 χ^2/NDF : 9.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

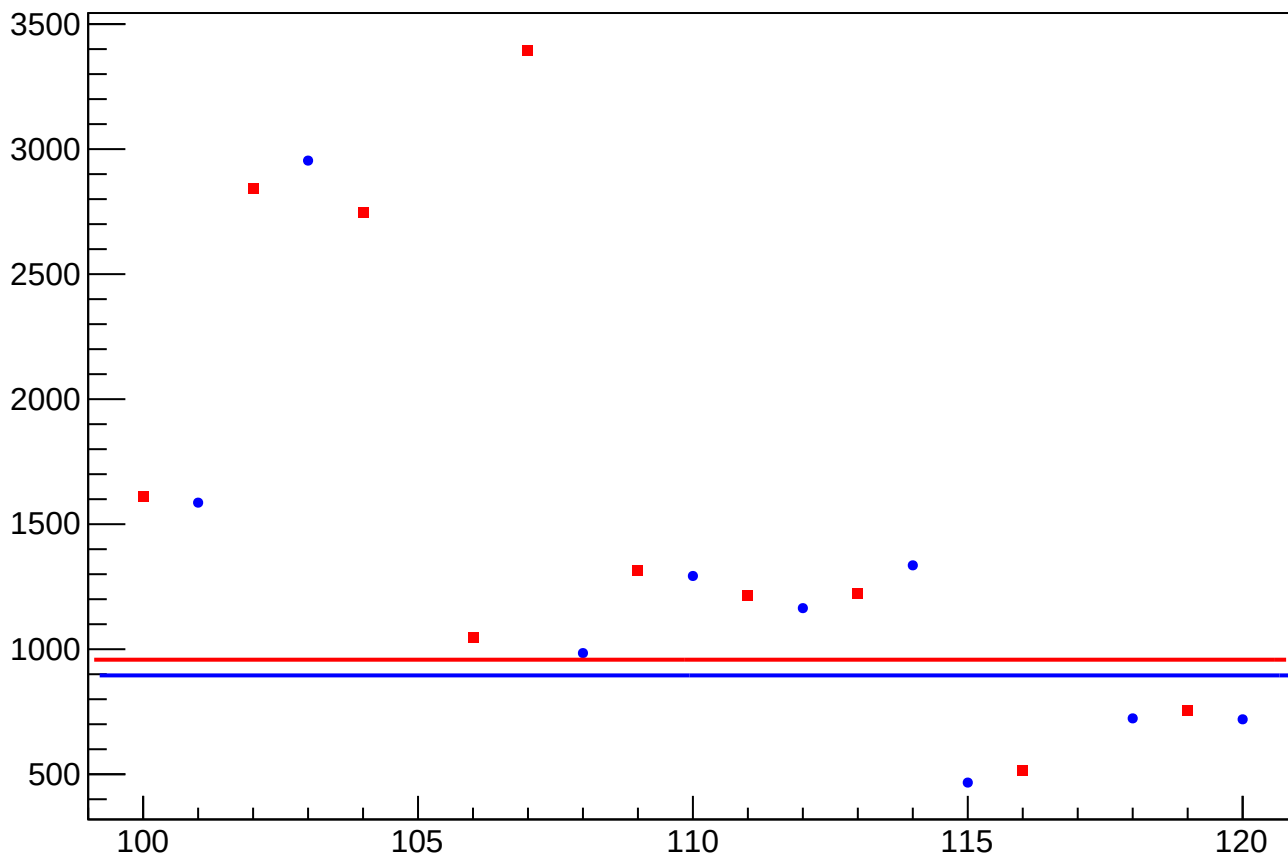
Right: -555.210+/-374.208 χ^2/NDF : 17.6/18

In: -172.457+/-516.894 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -555.210+/-374.208 χ^2/NDF : 17.6/18

asym_at1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 895.257+/-0.365 χ^2/NDF : 1328484.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 958.084+/-0.384 χ^2/NDF : 1903649.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

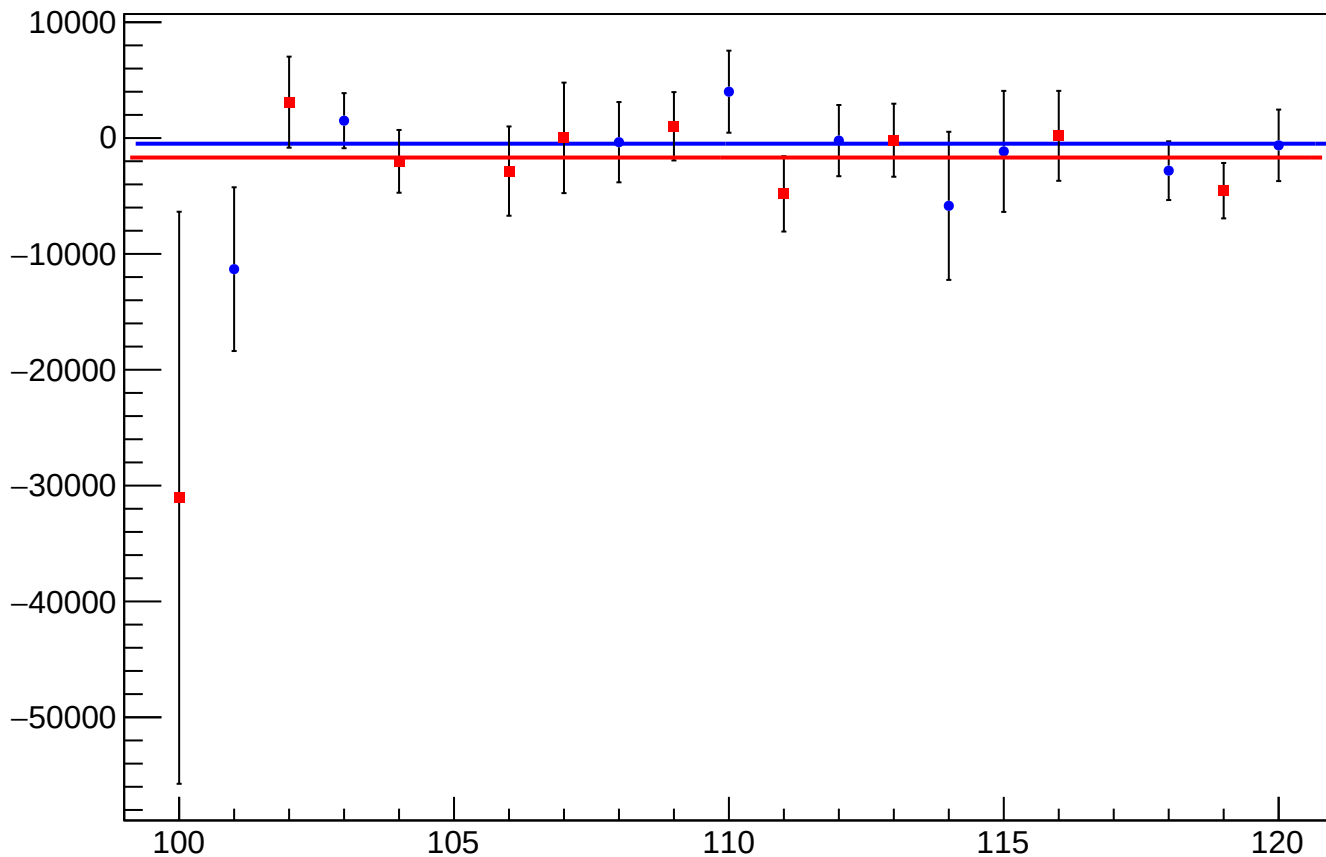
Right: 925.156+/-0.265 χ^2/NDF : 3246195.4/18

In: 895.257+/-0.365 χ^2/NDF : 1328484.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 925.156+/-0.265 χ^2/NDF : 3246195.4/18

eigen_dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -486.606+/-1126.812 χ^2/NDF : 6.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1679.990+/-1074.928 χ^2/NDF : 6.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

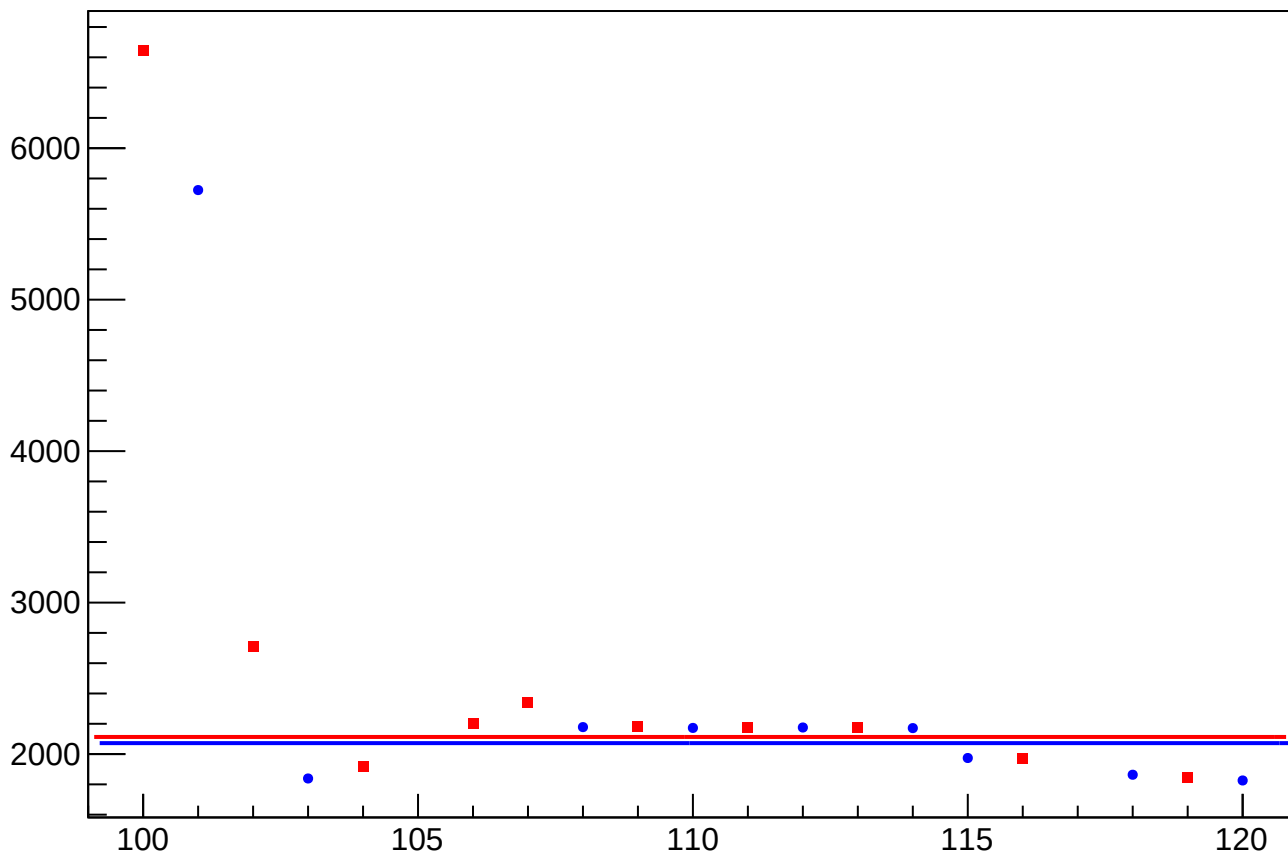
Right: -1111.405+/-777.784 χ^2/NDF : 13.6/18

In: -486.606+/-1126.812 χ^2/NDF : 6.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1111.405+/-777.784 χ^2/NDF : 13.6/18

eigen_dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2072.256+/-0.797 χ^2/NDF : 586232.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2113.017+/-0.760 χ^2/NDF : 159643.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

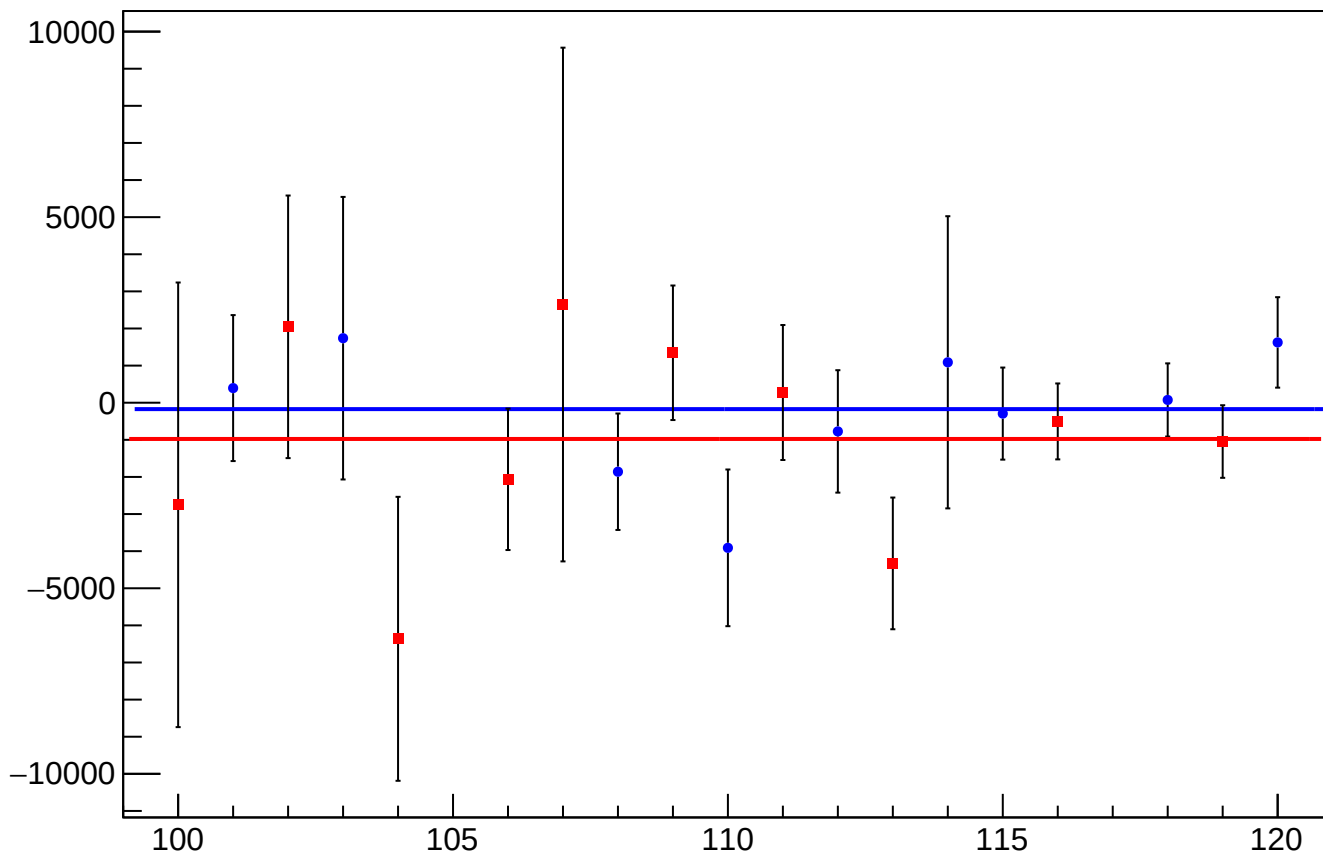
Right: 2093.596+/-0.550 χ^2/NDF : 747246.2/18

In: 2072.256+/-0.797 χ^2/NDF : 586232.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2093.596+/-0.550 χ^2/NDF : 747246.2/18

asym_at1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -172.459+/-516.894 χ^2/NDF : 7.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -976.745+/-542.450 χ^2/NDF : 9.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

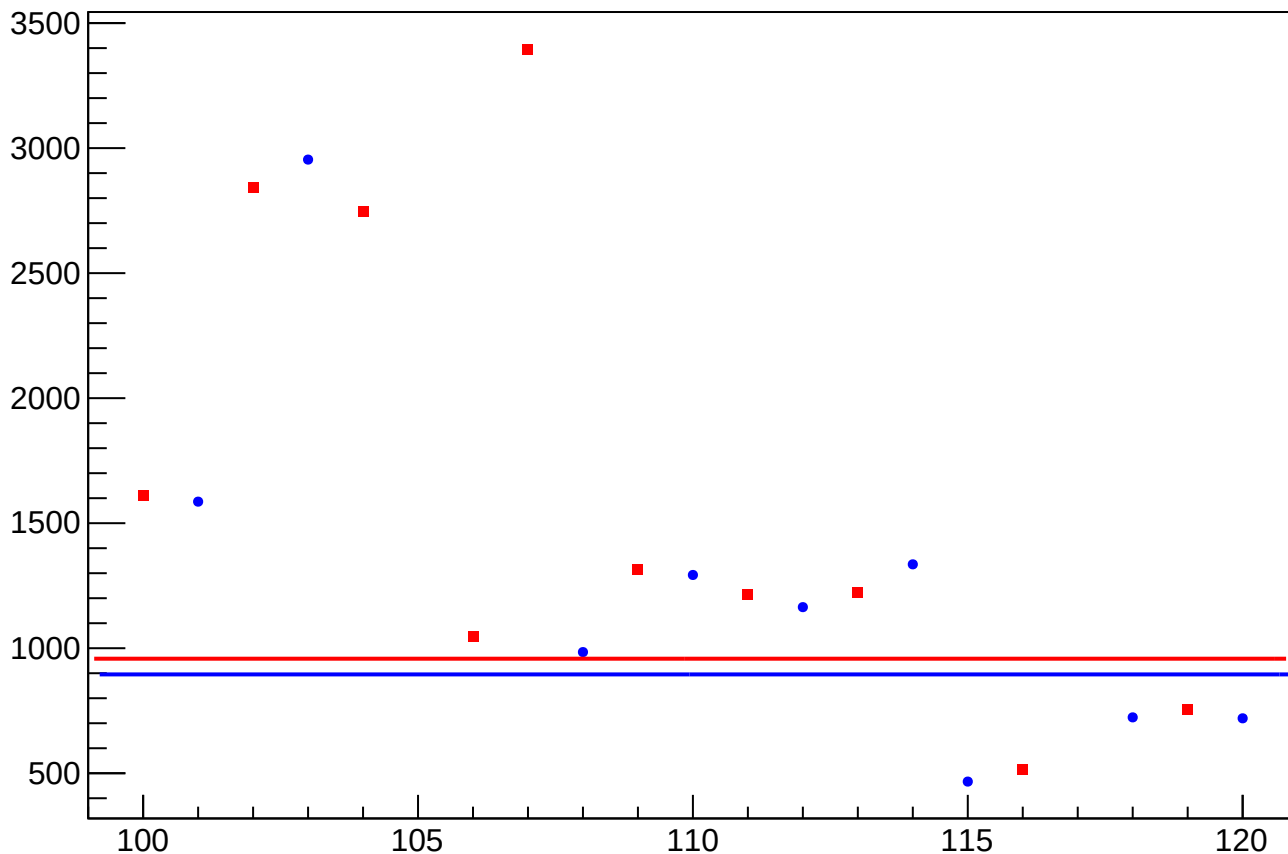
Right: -555.210+/-374.208 χ^2/NDF : 17.6/18

In: -172.459+/-516.894 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -555.210+/-374.208 χ^2/NDF : 17.6/18

asym_at1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 895.255+/-0.365 χ^2/NDF : 1328489.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 958.083+/-0.384 χ^2/NDF : 1903655.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

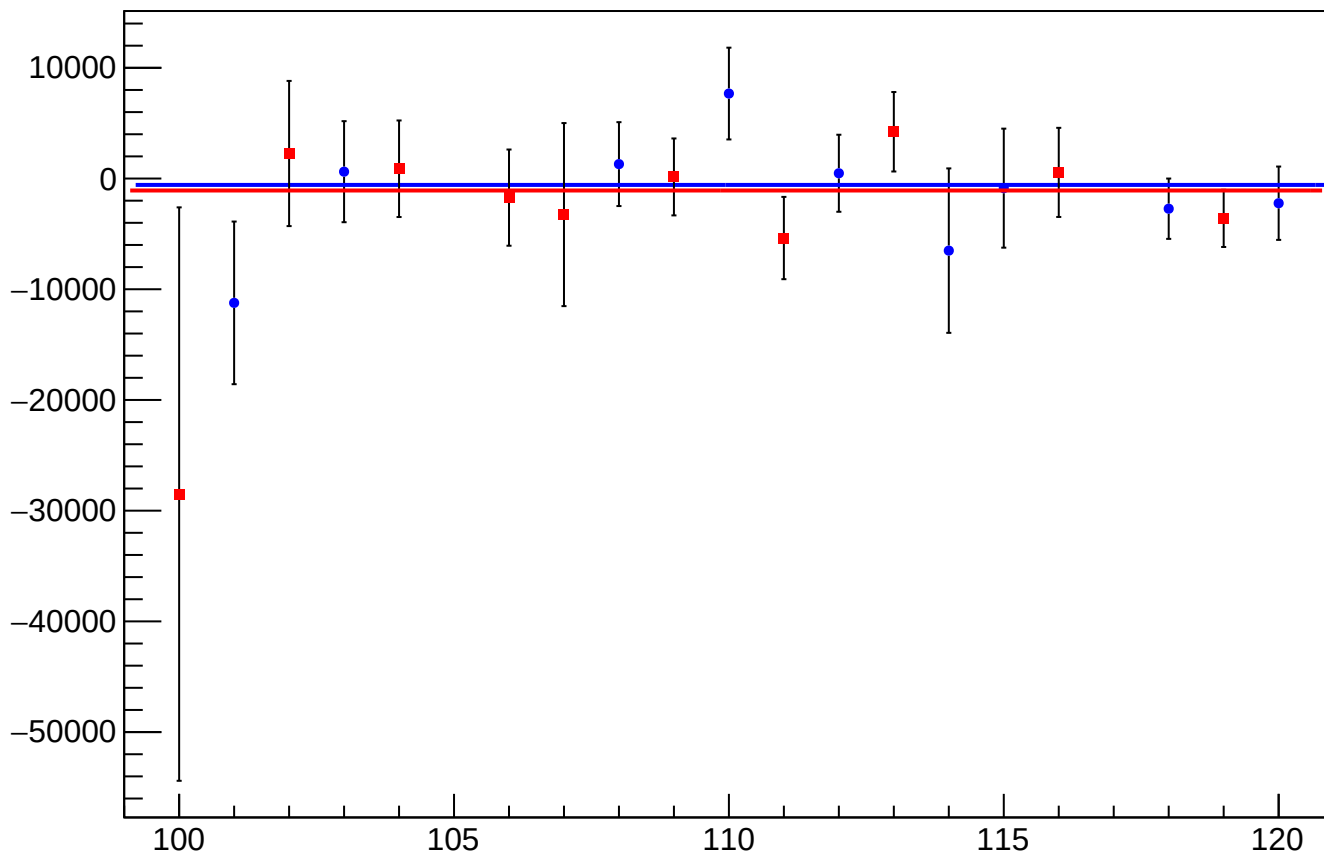
Right: 925.154+/-0.265 χ^2/NDF : 3246206.3/18

In: 895.255+/-0.365 χ^2/NDF : 1328489.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 925.154+/-0.265 χ^2/NDF : 3246206.3/18

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -576.135+/-1341.480 χ^2/NDF : 8.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1080.296+/-1302.564 χ^2/NDF : 6.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

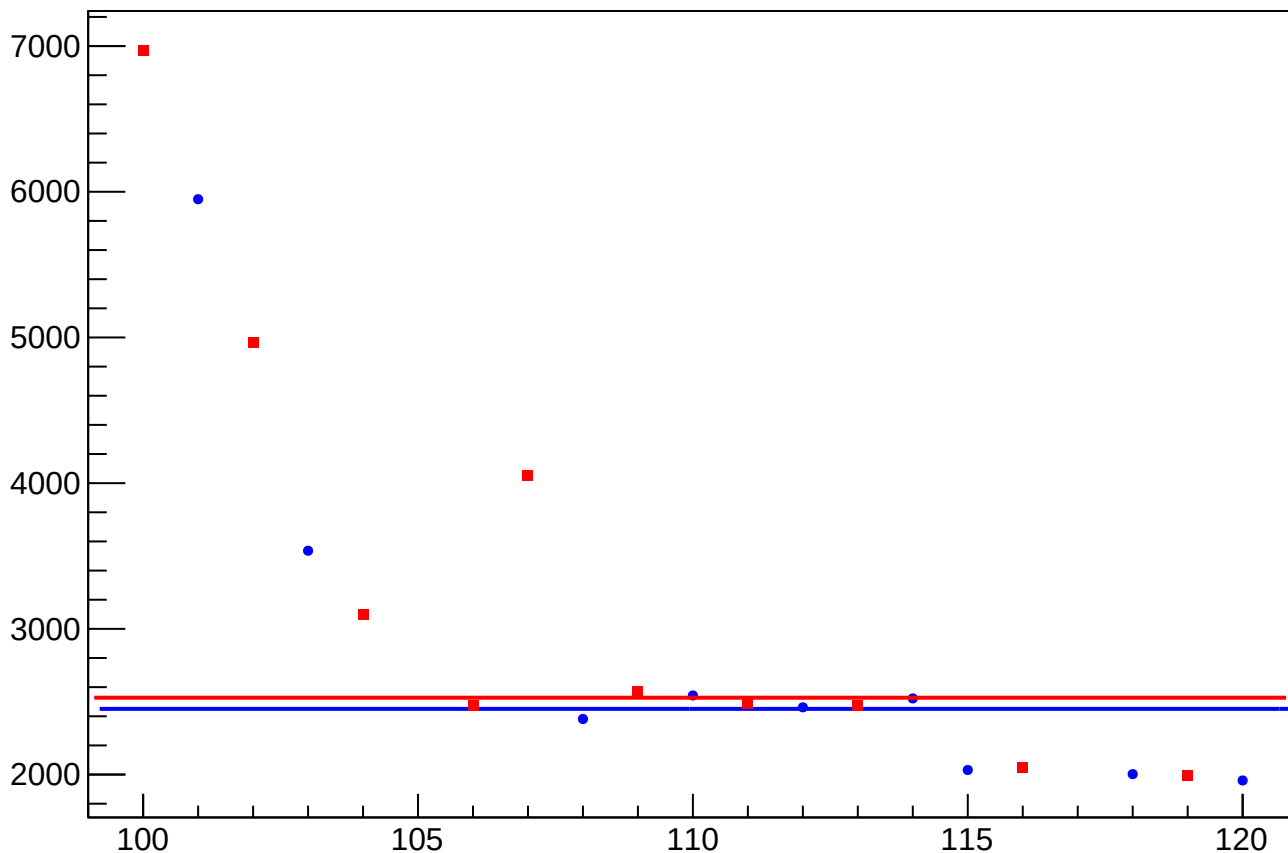
Right: -835.634+/-934.507 χ^2/NDF : 14.5/18

In: -576.135+/-1341.480 χ^2/NDF : 8.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -835.634+/-934.507 χ^2/NDF : 14.5/18

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2450.809+/-0.949 χ^2/NDF : 678866.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2527.471+/-0.921 χ^2/NDF : 553978.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

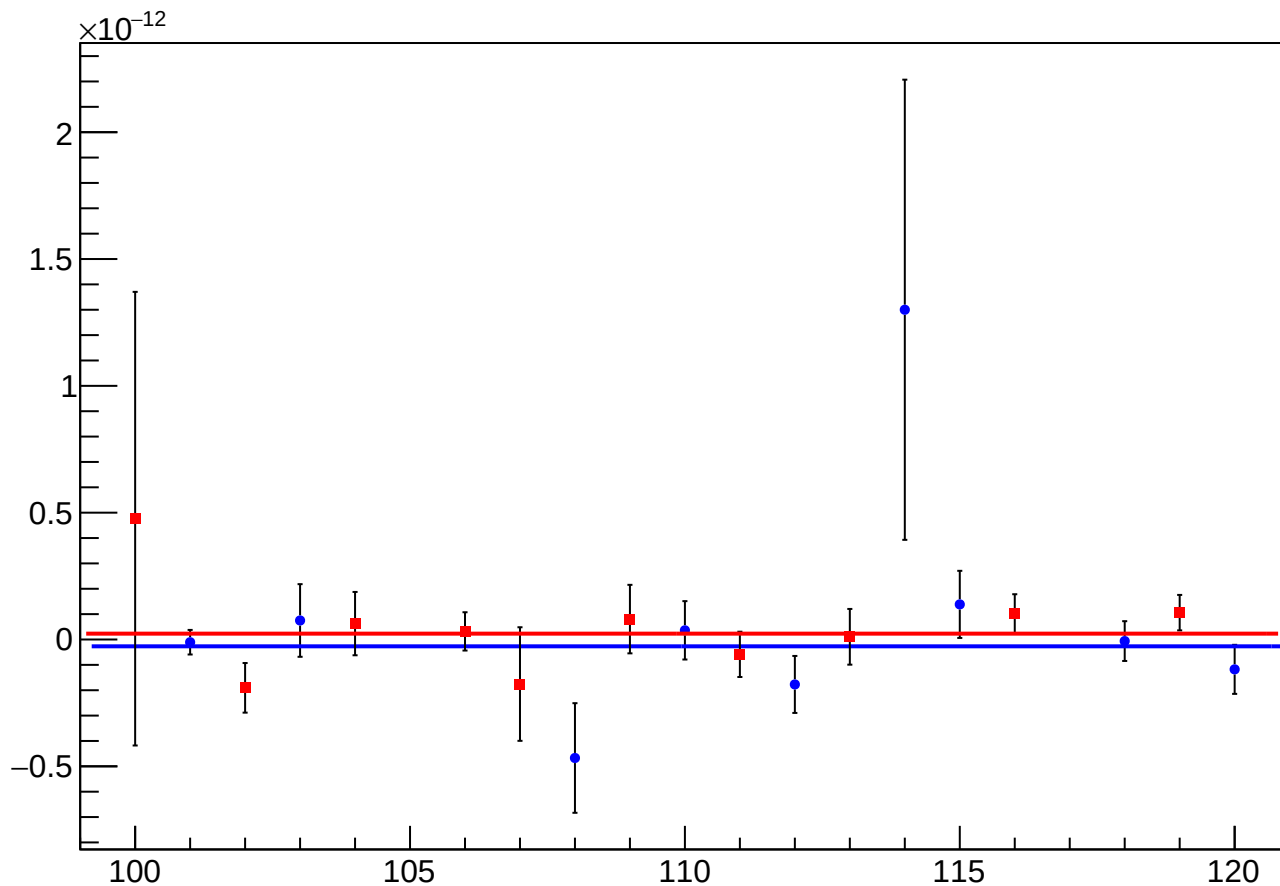
Right: 2490.269+/-0.661 χ^2/NDF : 1236206.8/18

In: 2450.809+/-0.949 χ^2/NDF : 678866.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2490.269+/-0.661 χ^2/NDF : 1236206.8/18

asym_at1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

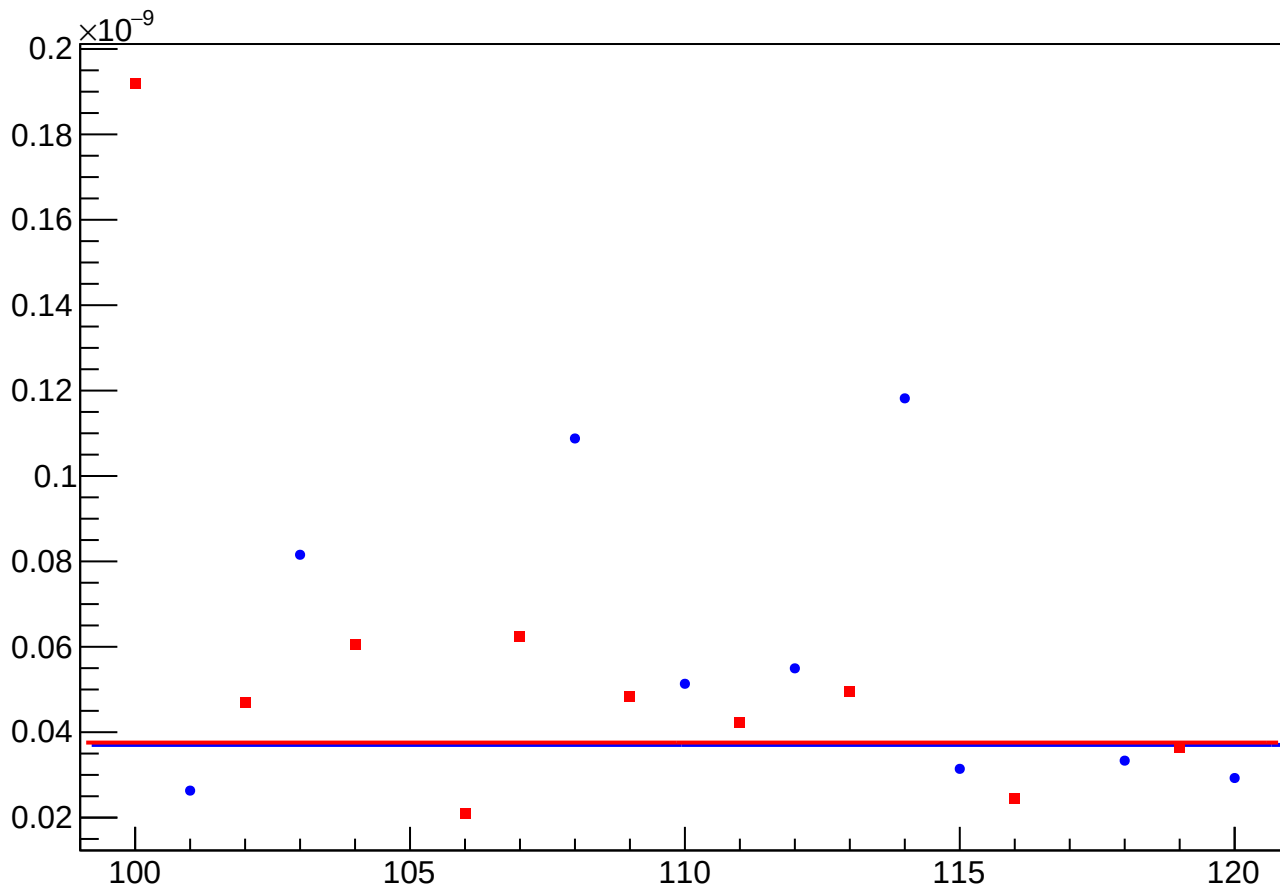
Right: -0.000+/-0.000 χ^2/NDF : 22.1/18

In: -0.000+/-0.000 χ^2/NDF : 11.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.1/18

asym_at1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 630405.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 367373.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

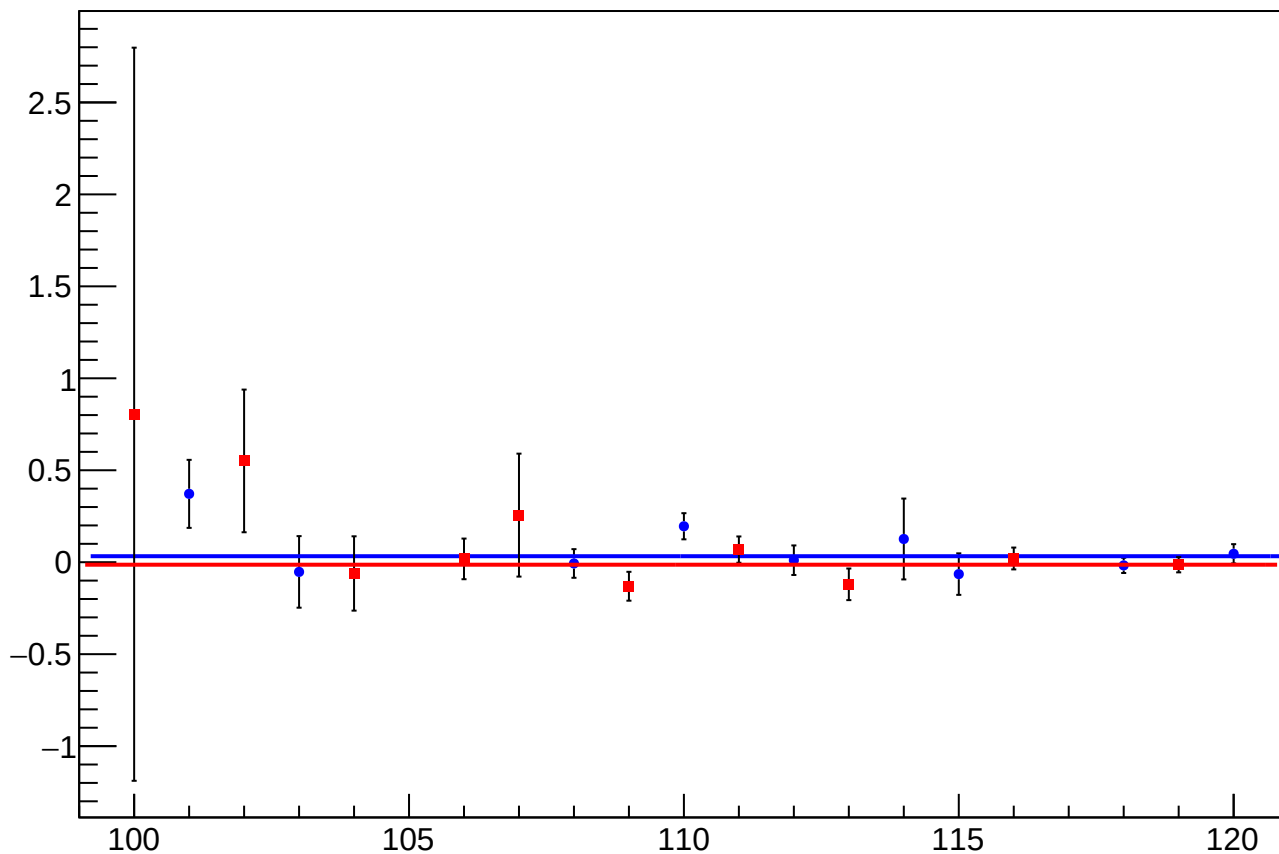
Right: 0.000+/-0.000 χ^2/NDF : 998071.4/18

In: 0.000+/-0.000 χ^2/NDF : 630405.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 998071.4/18

asym_at1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.025 χ^2/NDF : 11.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.026 χ^2/NDF : 8.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

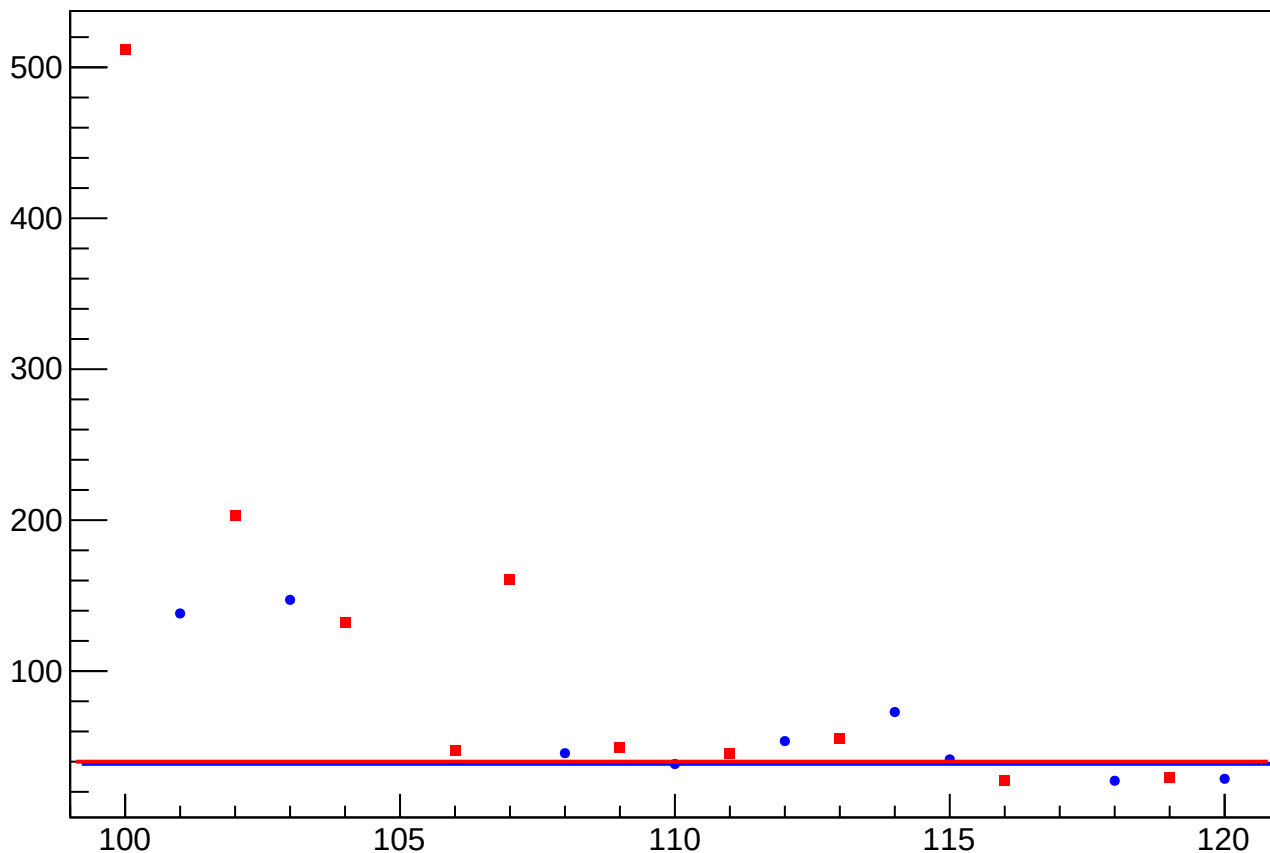
Right: 0.011+/-0.018 χ^2/NDF : 21.7/18

In: 0.033+/-0.025 χ^2/NDF : 11.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.018 χ^2/NDF : 21.7/18

asym_at1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.590+/-0.018 χ^2/NDF : 1558665.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.979+/-0.018 χ^2/NDF : 1475220.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

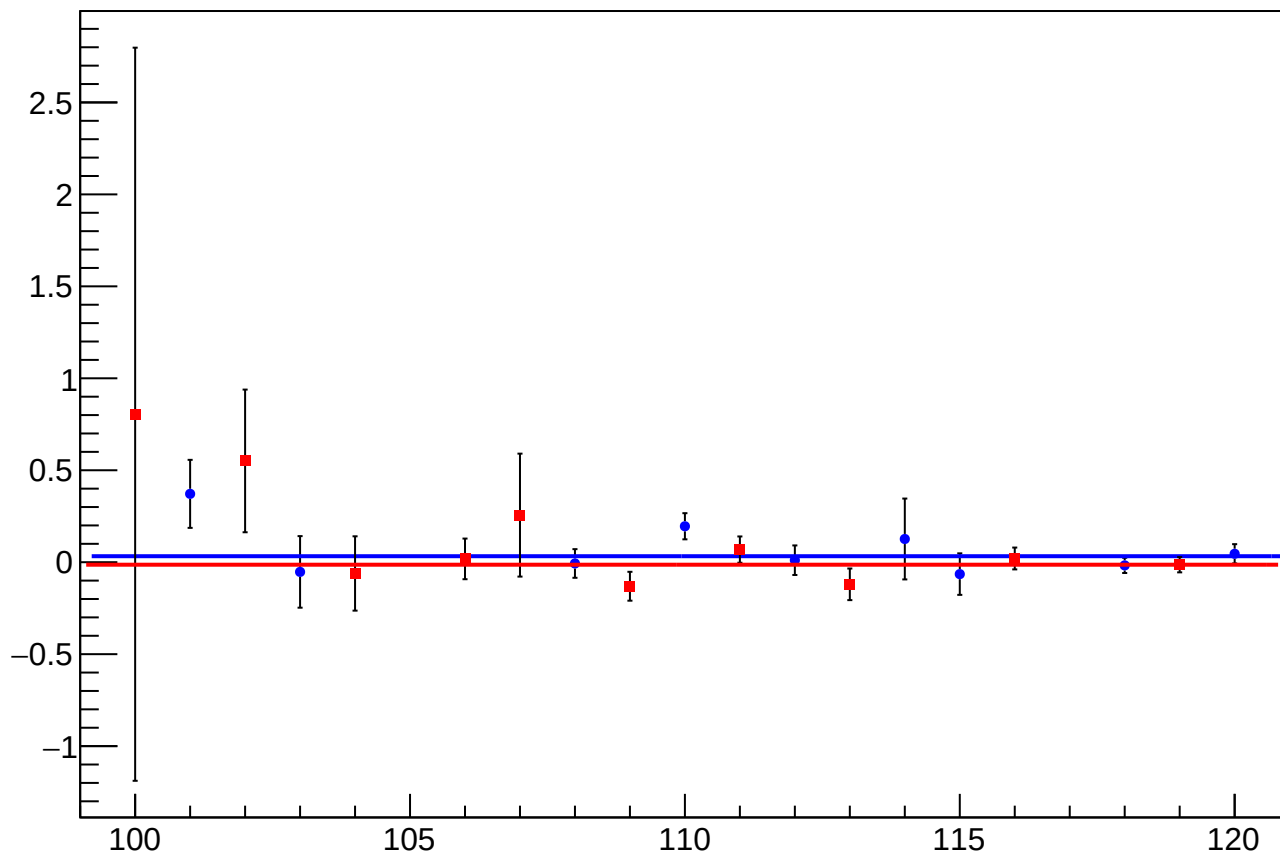
Right: 39.253+/-0.013 χ^2/NDF : 3036871.8/18

In: 38.590+/-0.018 χ^2/NDF : 1558665.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.253+/-0.013 χ^2/NDF : 3036871.8/18

asym_at1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.025 χ^2/NDF : 11.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.026 χ^2/NDF : 8.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

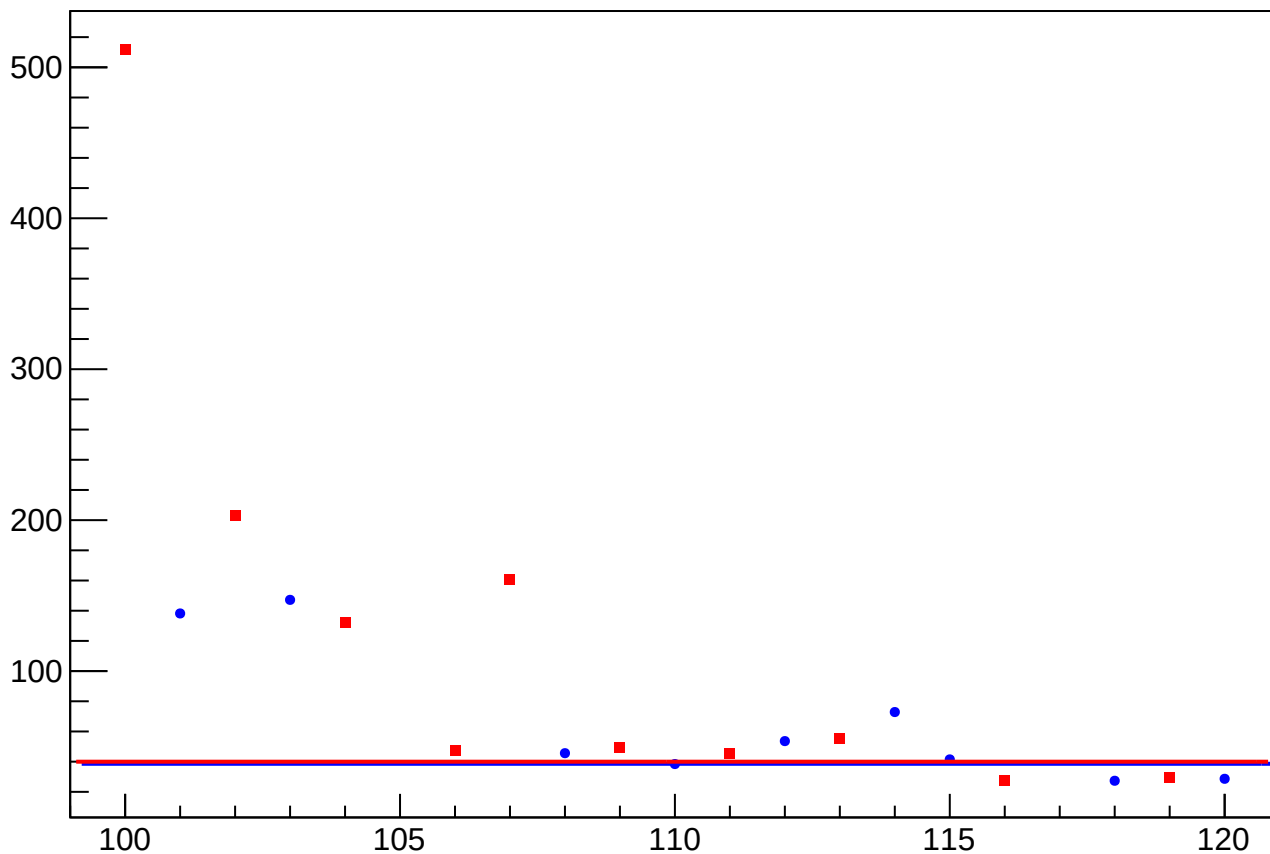
Right: 0.011+/-0.018 χ^2/NDF : 21.7/18

In: 0.033+/-0.025 χ^2/NDF : 11.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.018 χ^2/NDF : 21.7/18

asym_at1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.590+/-0.018 χ^2/NDF : 1558665.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.979+/-0.018 χ^2/NDF : 1475220.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

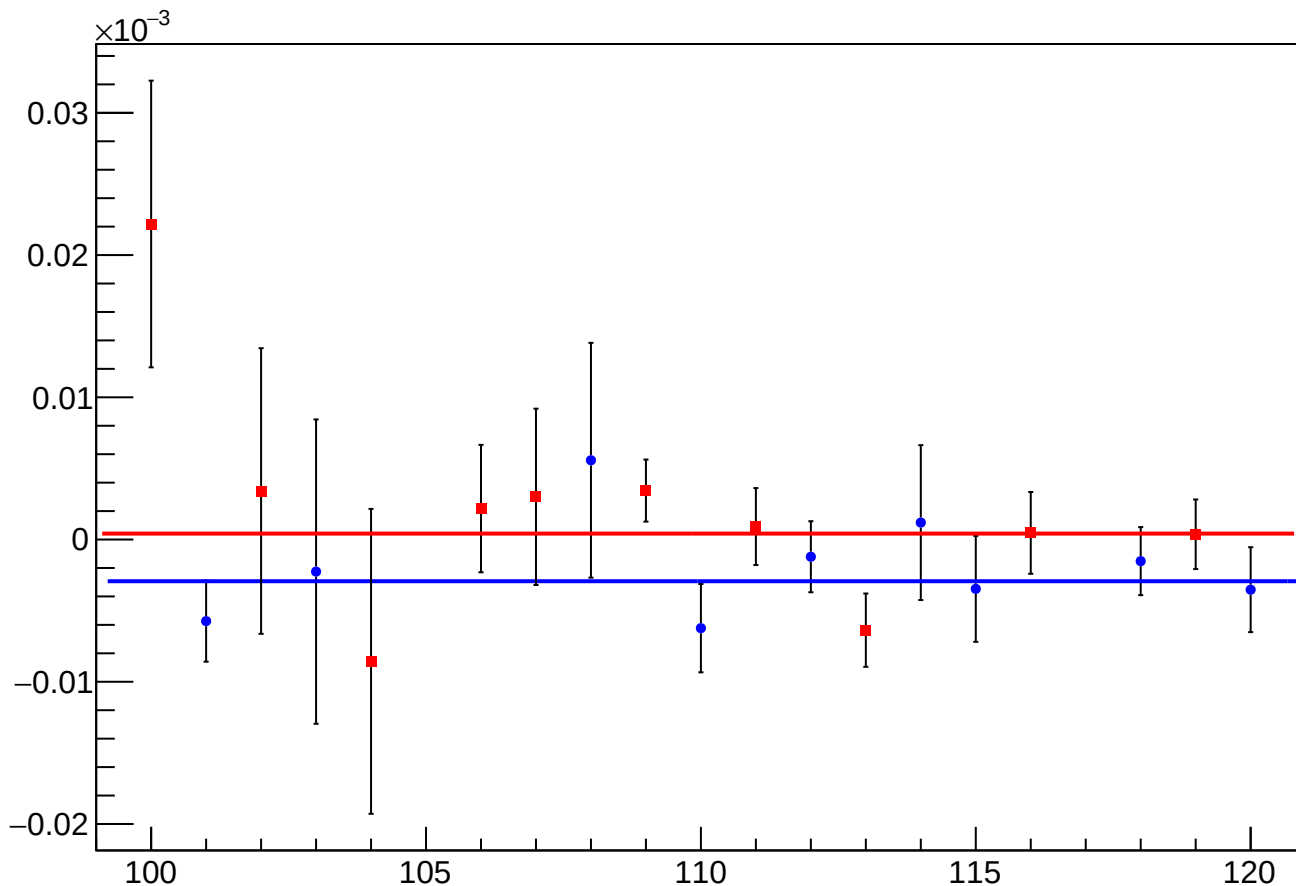
Right: 39.253+/-0.013 χ^2/NDF : 3036871.8/18

In: 38.590+/-0.018 χ^2/NDF : 1558665.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.253+/-0.013 χ^2/NDF : 3036871.8/18

asym_at1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

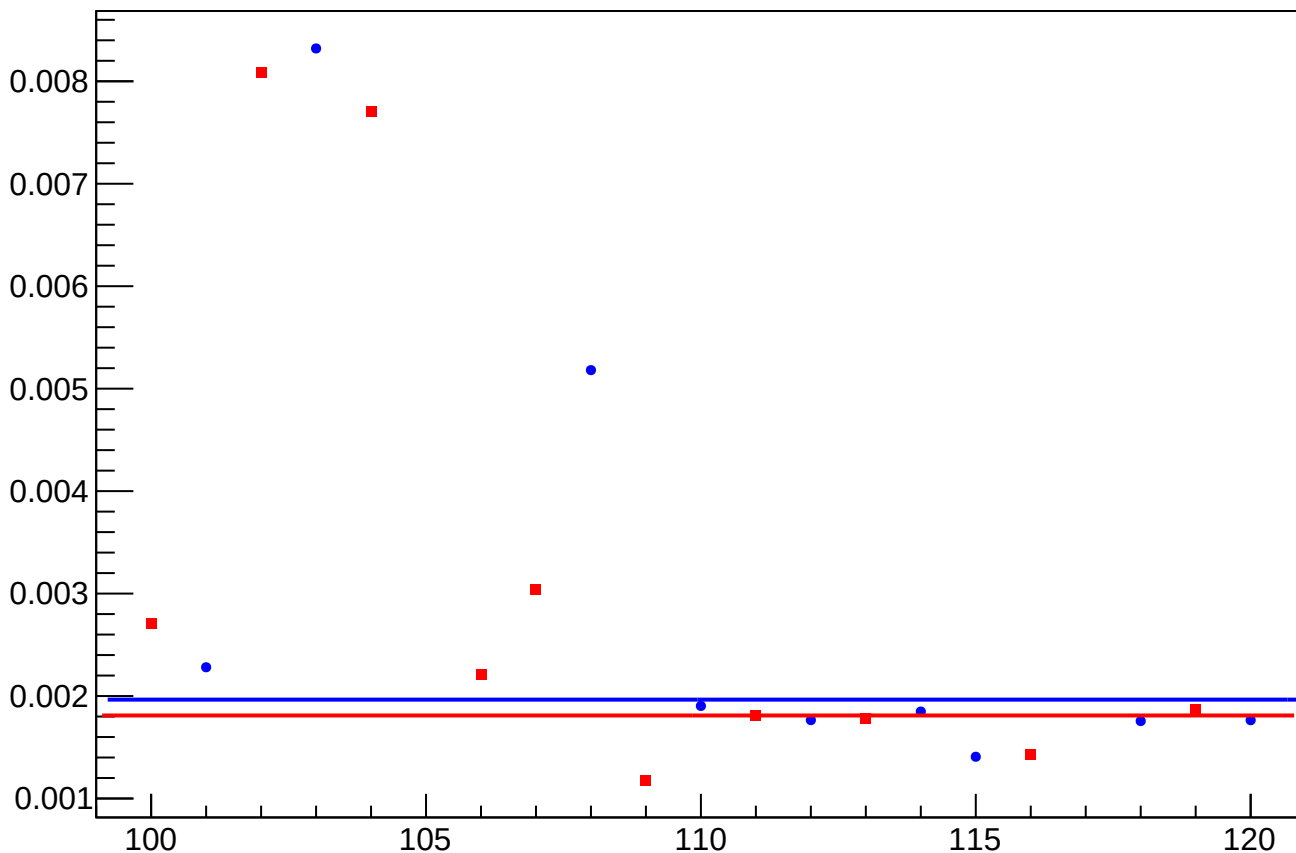
Right: -0.000+/-0.000 χ^2/NDF : 24.0/18

In: -0.000+/-0.000 χ^2/NDF :4.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.0/18

asym_at1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1117297.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1703032.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

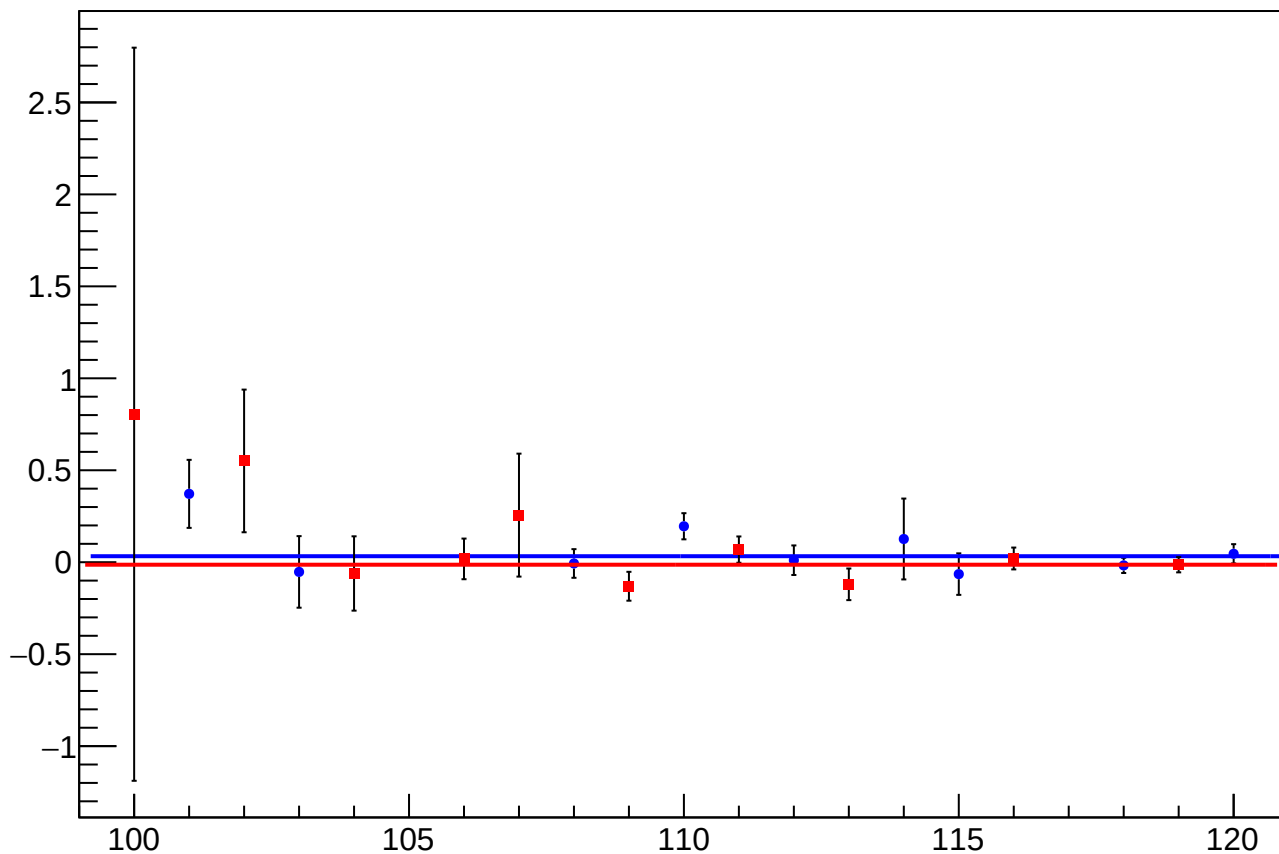
Right: 0.002+/-0.000 χ^2/NDF : 2840523.8/18

In: 0.002+/-0.000 χ^2/NDF : 1117297.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2840523.8/18

asym_at1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.025 χ^2/NDF : 11.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.026 χ^2/NDF : 8.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

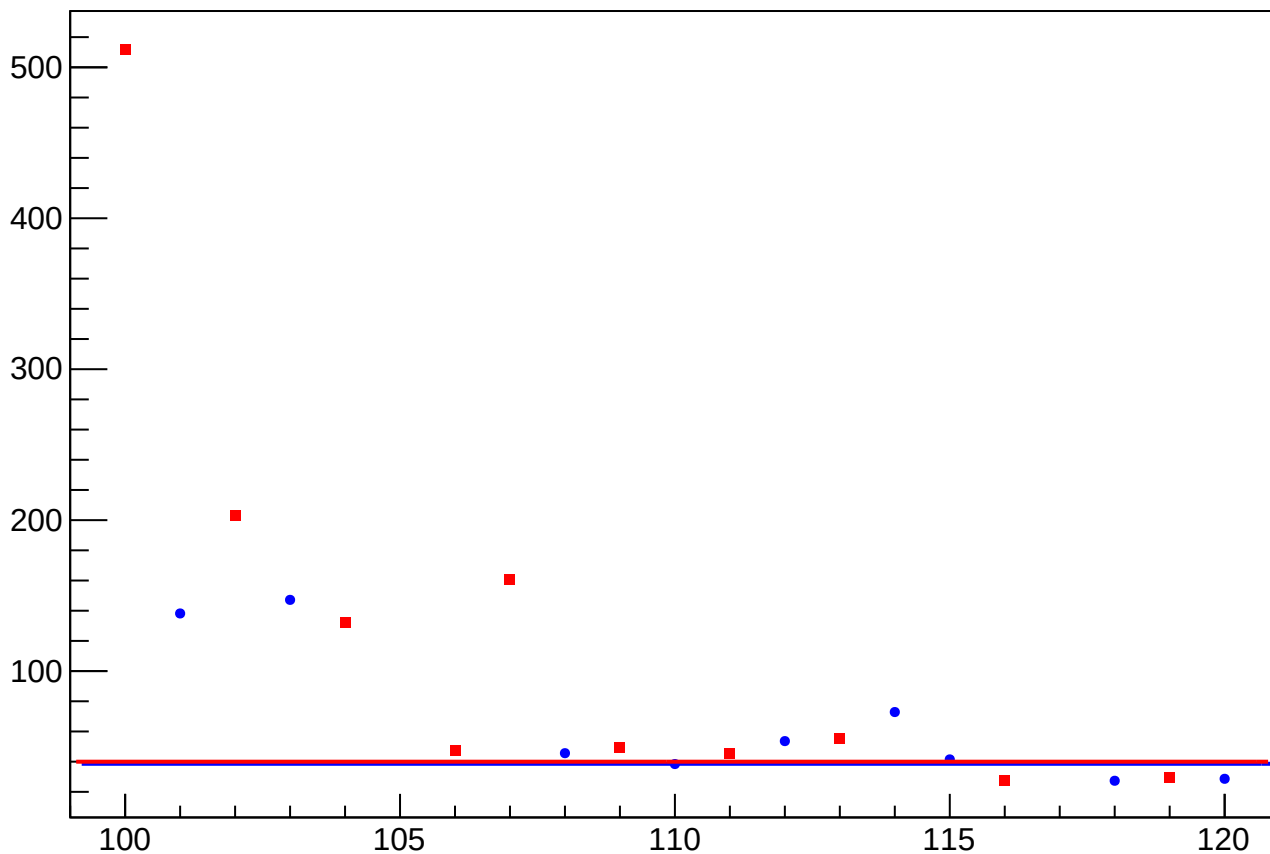
Right: 0.011+/-0.018 χ^2/NDF : 21.7/18

In: 0.033+/-0.025 χ^2/NDF : 11.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.018 χ^2/NDF : 21.7/18

asym_at1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.590+/-0.018 χ^2/NDF : 1558635.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.979+/-0.018 χ^2/NDF : 1475204.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

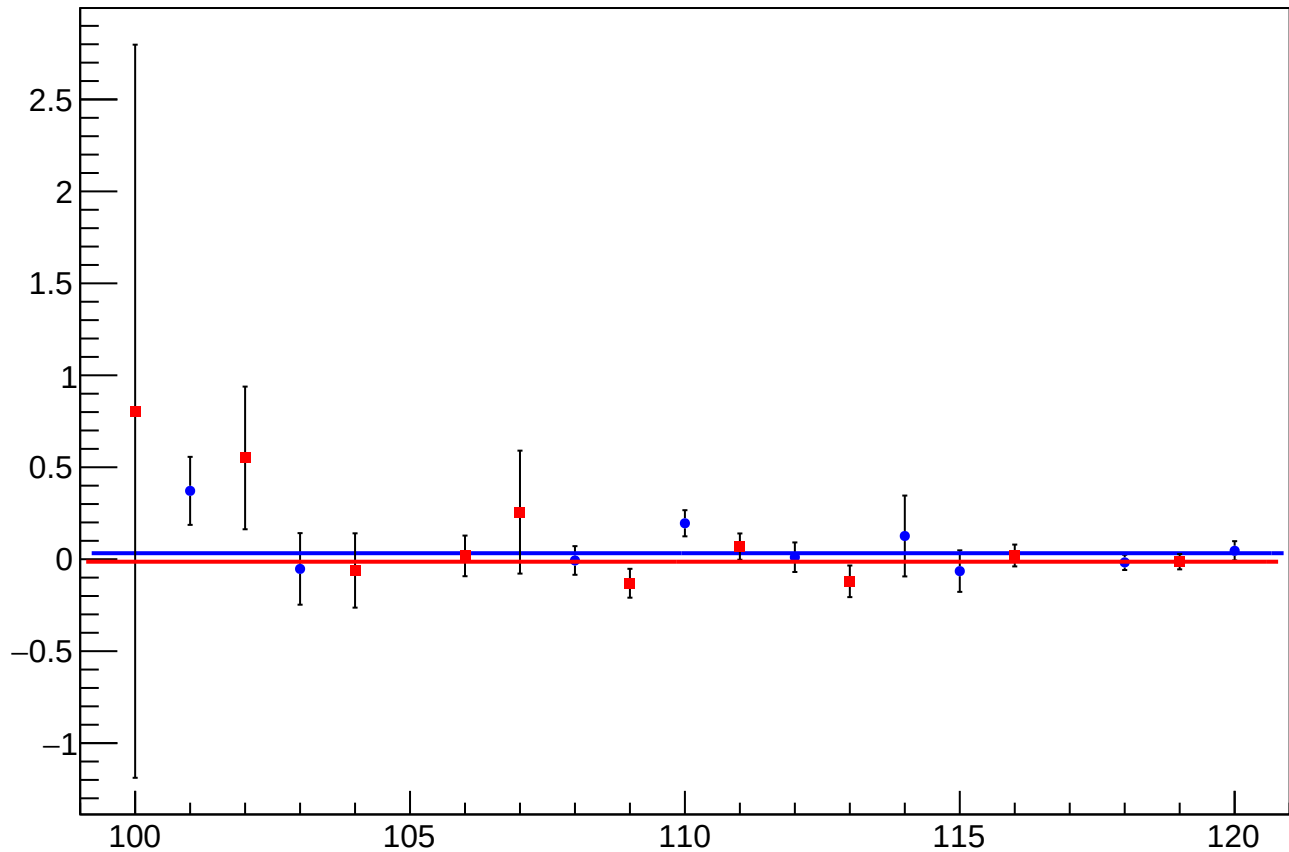
Right: 39.253+/-0.013 χ^2/NDF : 3036823.4/18

In: 38.590+/-0.018 χ^2/NDF : 1558635.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.253+/-0.013 χ^2/NDF : 3036823.4/18

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.025 χ^2/NDF : 11.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.026 χ^2/NDF : 8.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

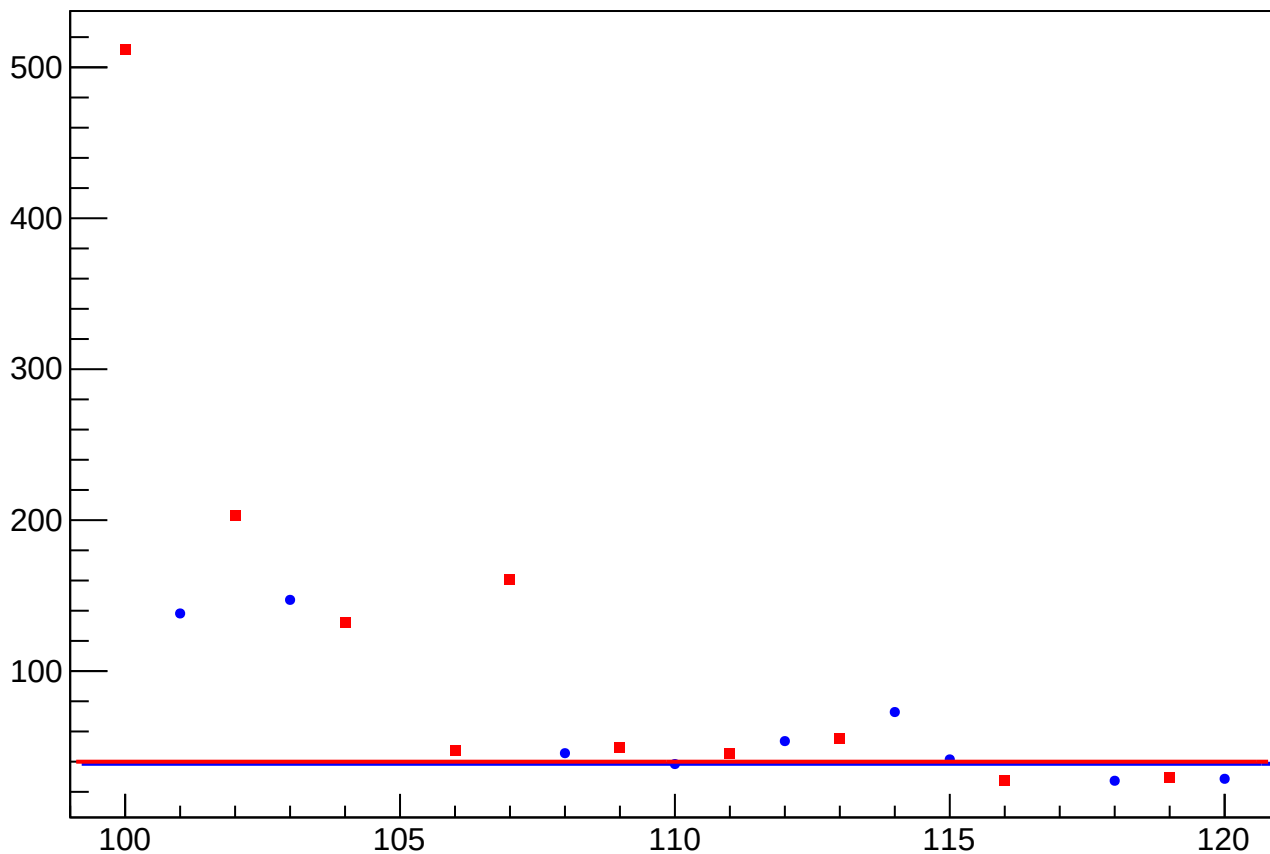
Right: 0.011+/-0.018 χ^2/NDF : 21.7/18

In: 0.033+/-0.025 χ^2/NDF : 11.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.018 χ^2/NDF : 21.7/18

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.590+/-0.018 χ^2/NDF : 1558635.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 39.979+/-0.018 χ^2/NDF : 1475204.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

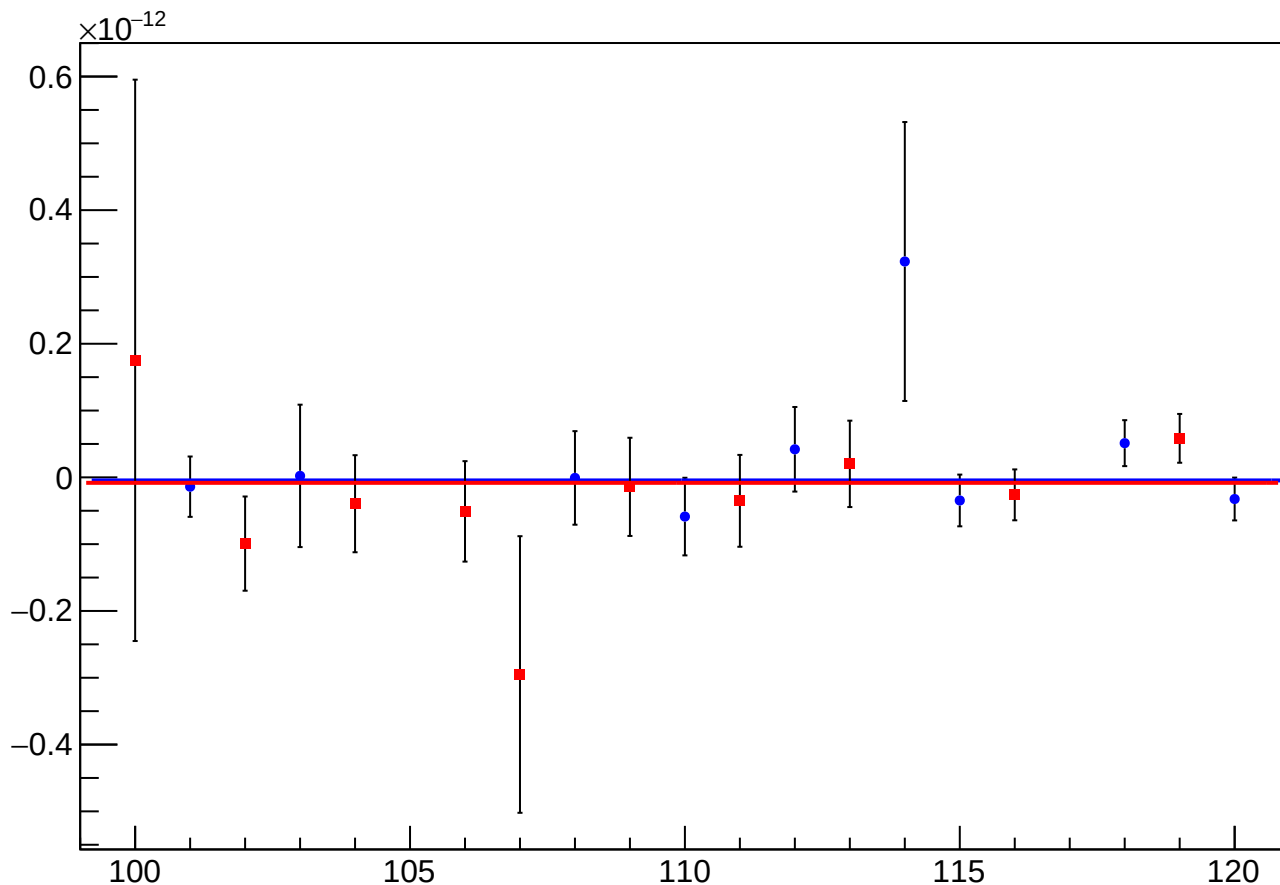
Right: 39.253+/-0.013 χ^2/NDF : 3036823.4/18

In: 38.590+/-0.018 χ^2/NDF :1558635.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 39.253+/-0.013 χ^2/NDF : 3036823.4/18

asym_at1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 7.9/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 8.2/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

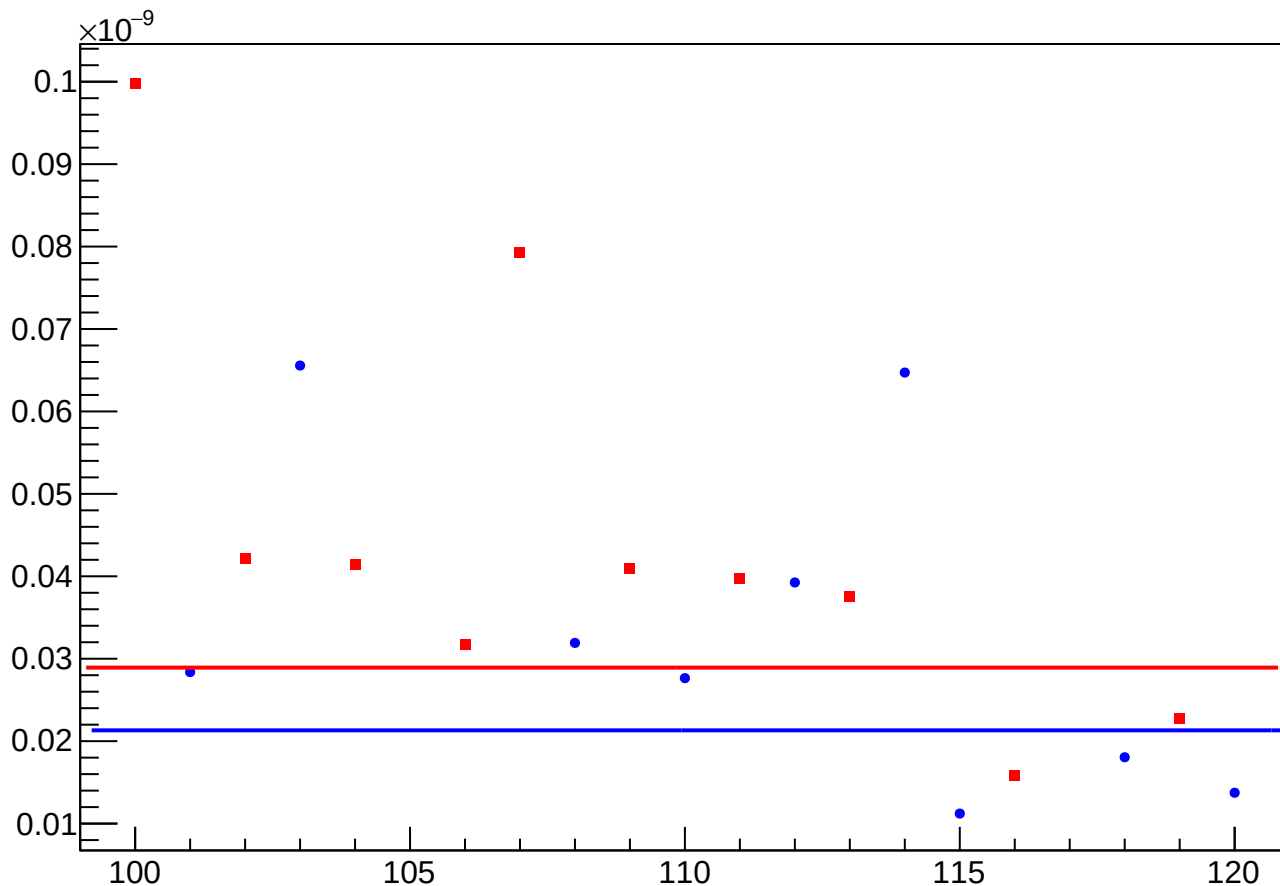
Right: -0.000+/-0.000 χ^2 /NDF: 16.1/18

In: -0.000+/-0.000 χ^2 /NDF:7.9/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 16.1/18

asym_at1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 976093.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 742516.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

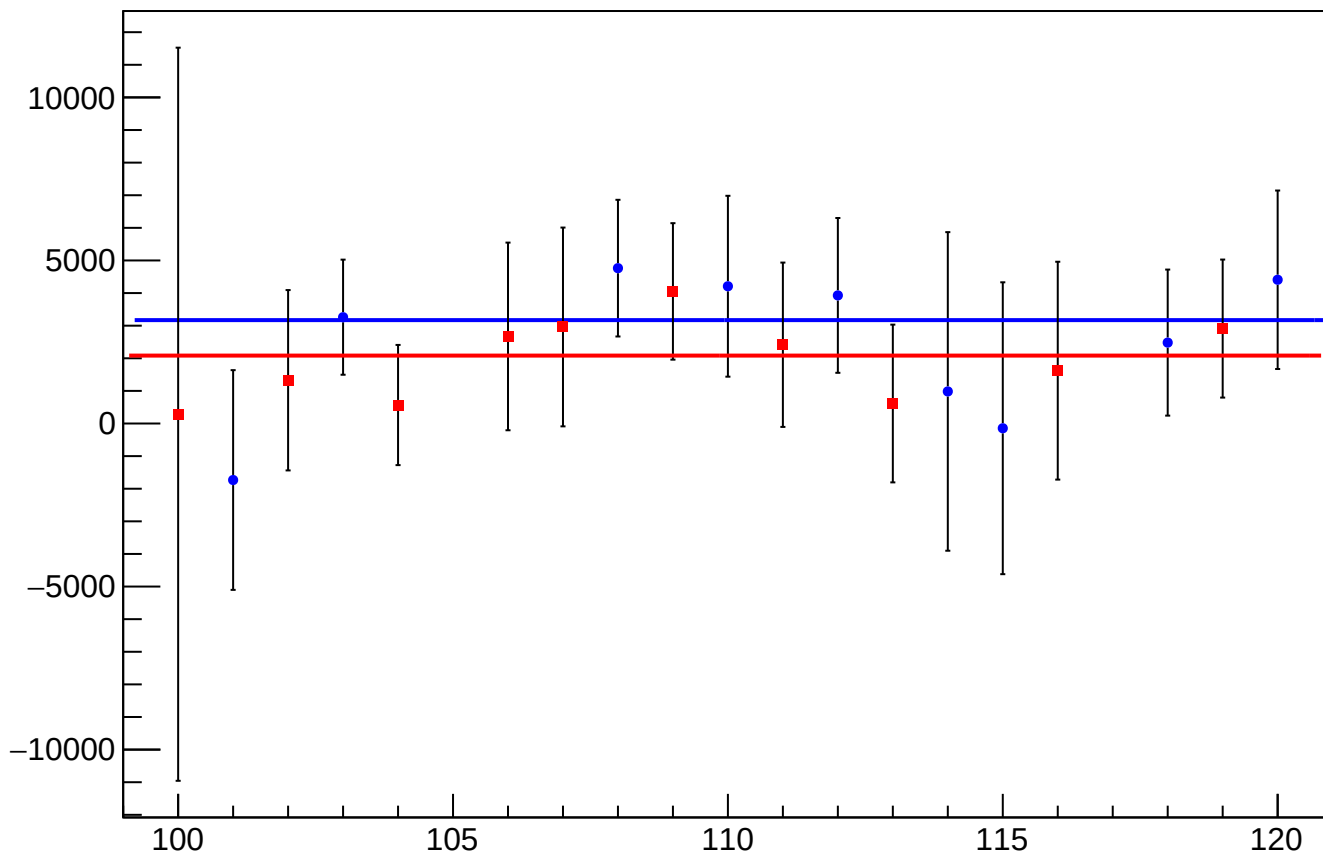
Right: 0.000+/-0.000 χ^2/NDF : 1900986.0/18

In: 0.000+/-0.000 χ^2/NDF : 976093.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1900986.0/18

reg_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3170.371+/-854.617 χ^2/NDF : 4.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2082.763+/-808.111 χ^2/NDF : 2.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

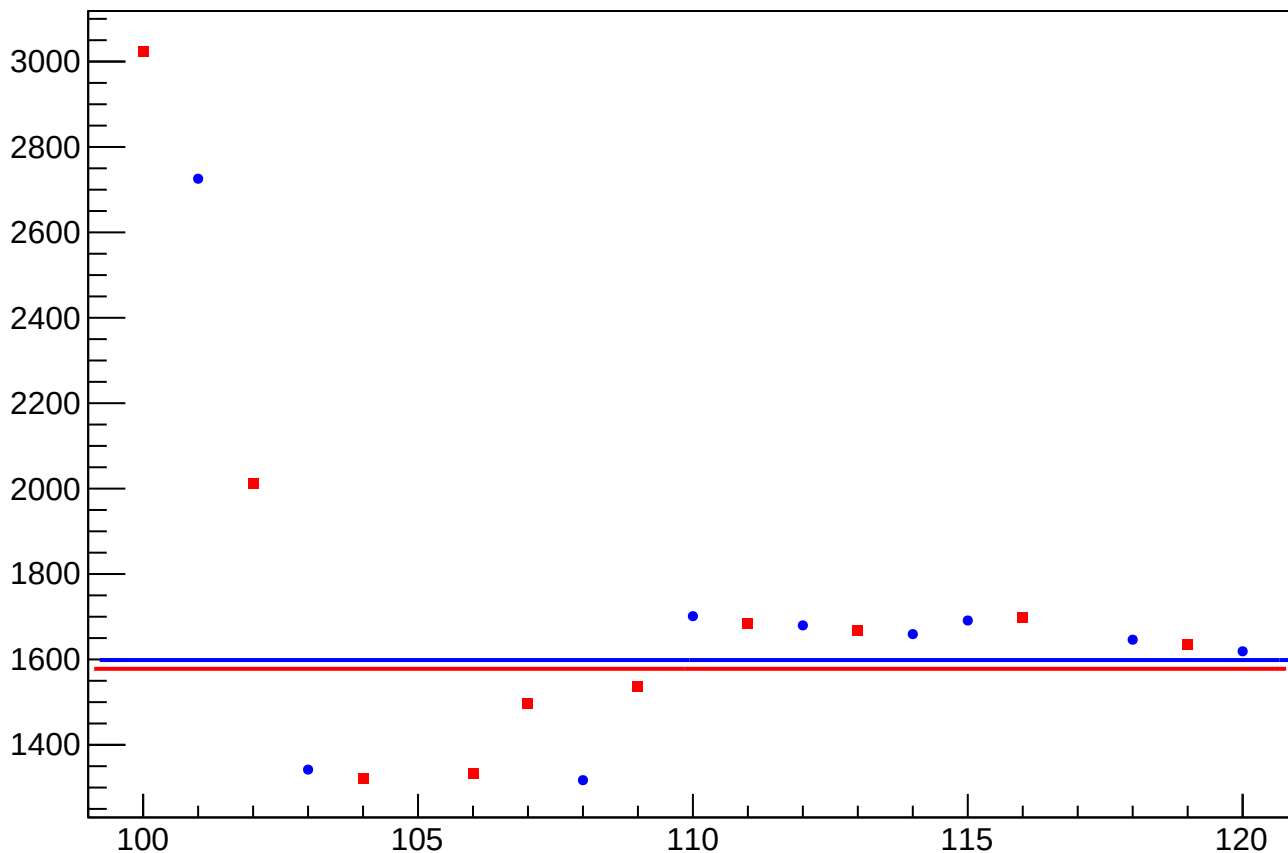
Right: 2596.171+/-587.174 χ^2/NDF : 7.2/18

In: 3170.371+/-854.617 χ^2/NDF : 4.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2596.171+/-587.174 χ^2/NDF : 7.2/18

reg_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1598.577+/-0.604 χ^2/NDF : 309412.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1578.073+/-0.571 χ^2/NDF : 148677.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

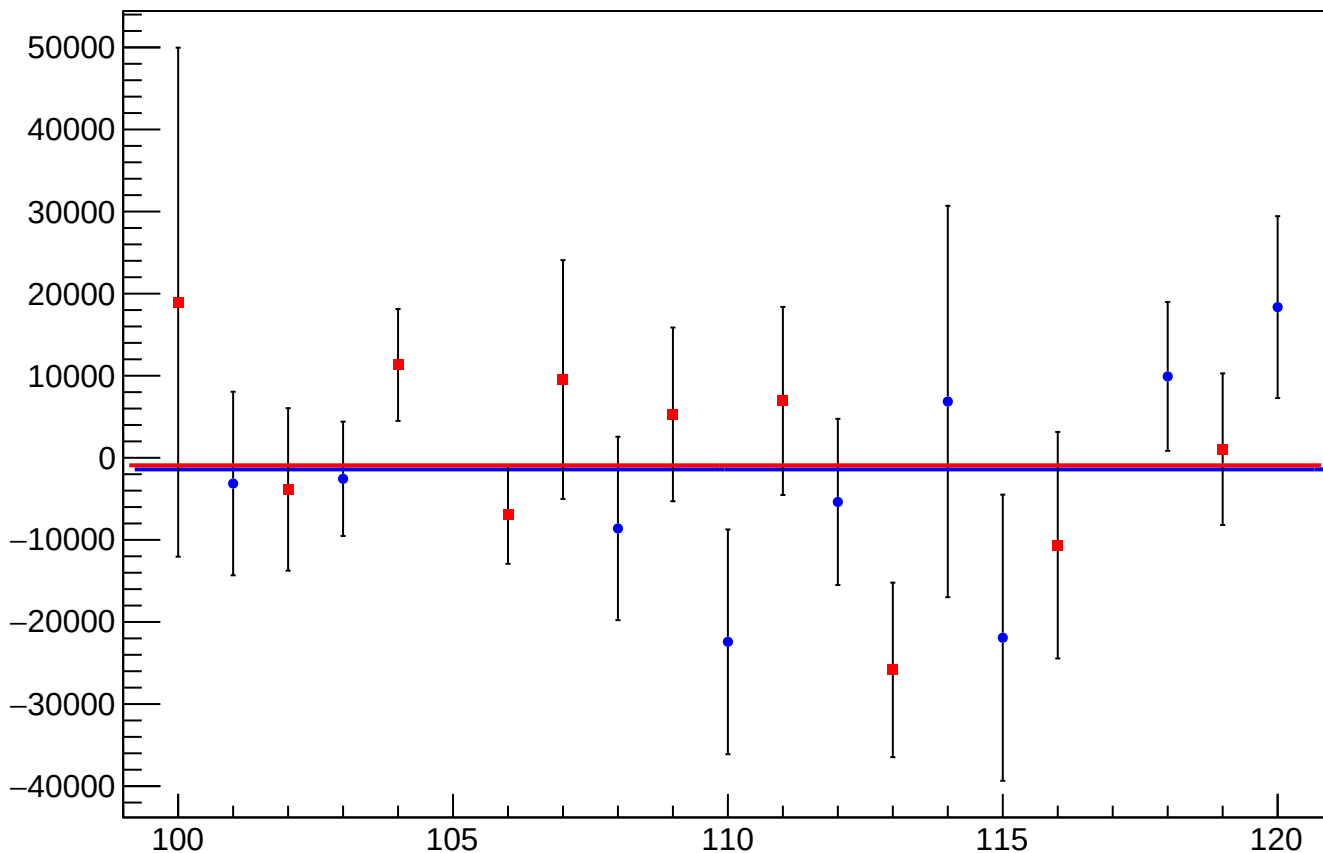
Right: 1587.752+/-0.415 χ^2/NDF : 458698.1/18

In: 1598.577+/-0.604 χ^2/NDF : 309412.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1587.752+/-0.415 χ^2/NDF : 458698.1/18

asym_at2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1412.619+/-3601.831 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -914.064+/-3043.200 χ^2/NDF : 12.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

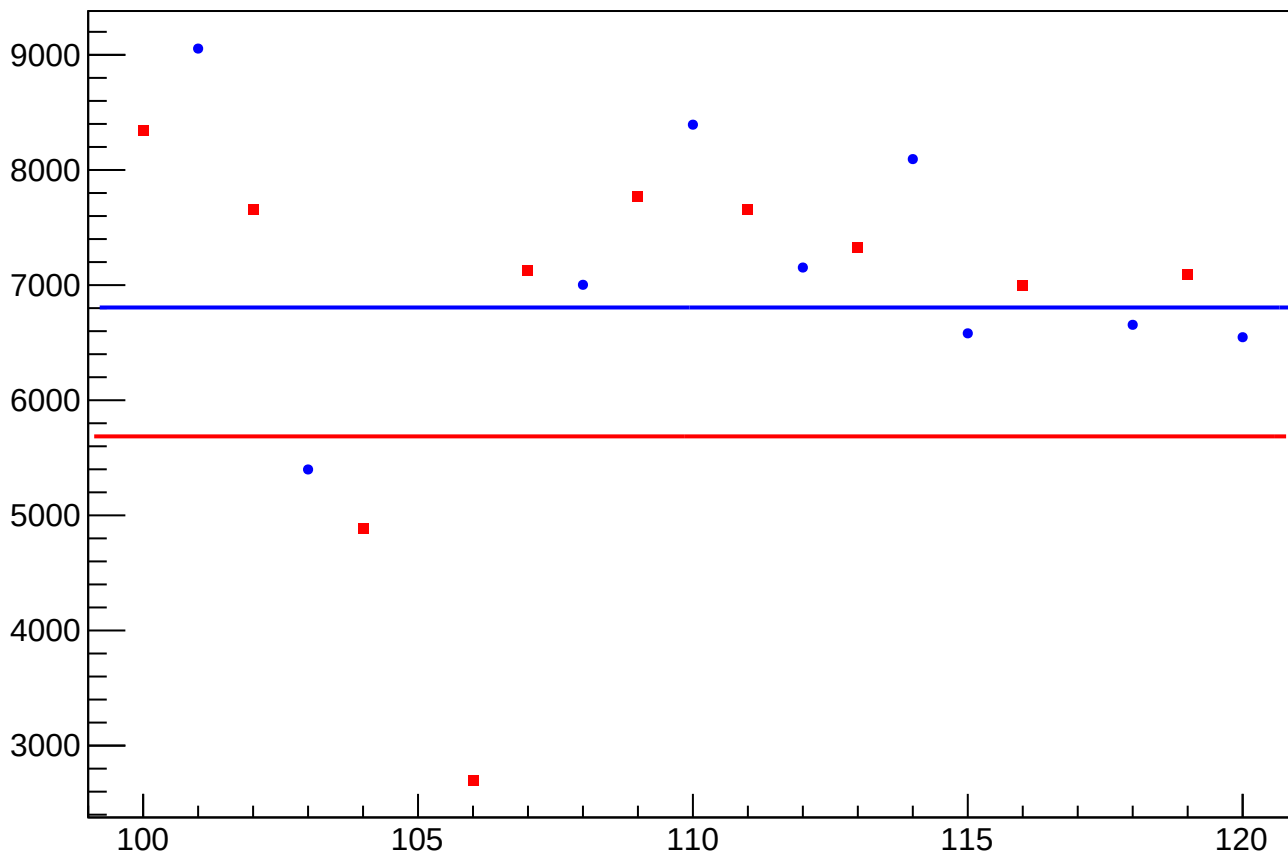
Right: -1121.723+/-2324.570 χ^2/NDF : 21.3/18

In: -1412.619+/-3601.831 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1121.723+/-2324.570 χ^2/NDF : 21.3/18

asym_at2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 6805.697+/-2.547 χ^2/NDF : 200252.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5686.000+/-2.152 χ^2/NDF : 891452.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

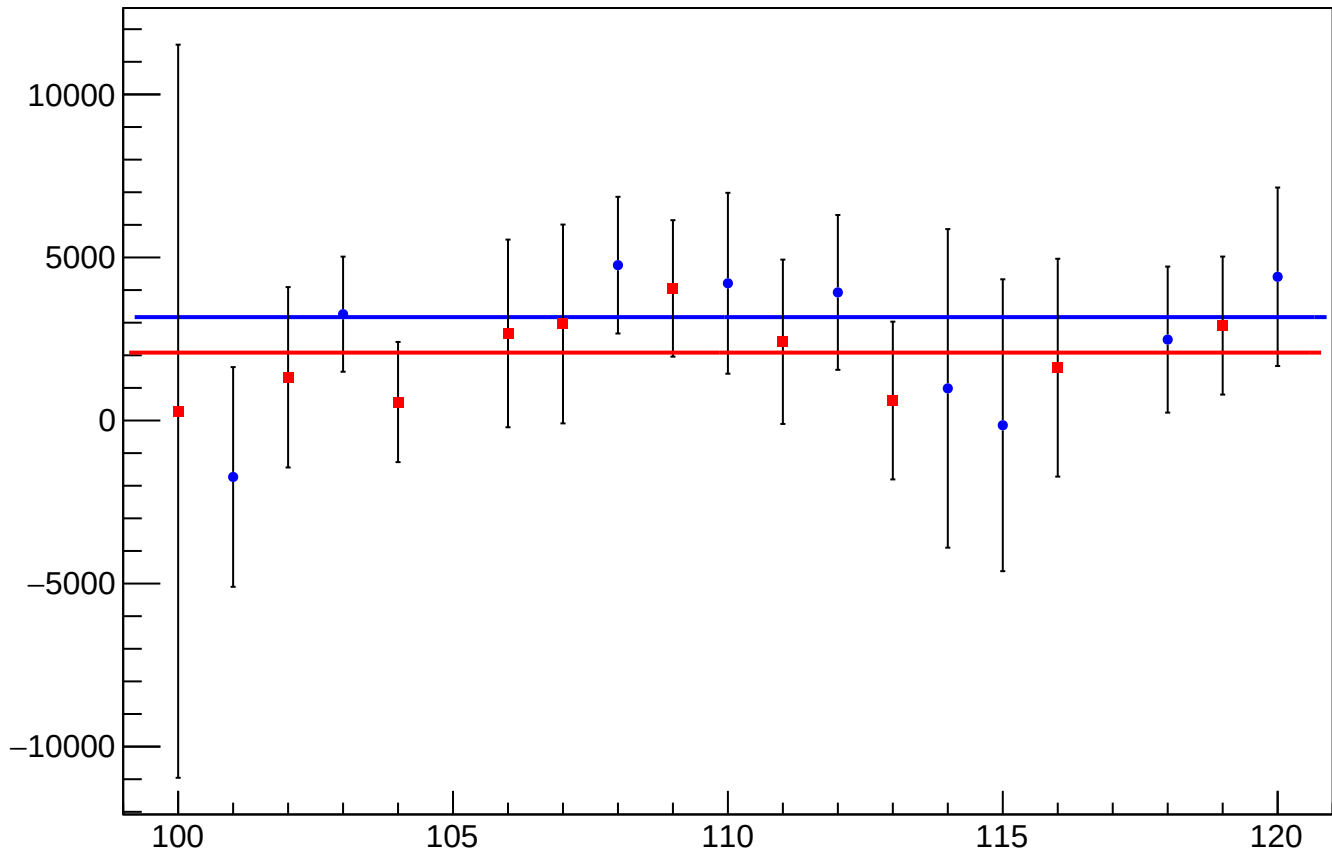
Right: 6152.379+/-1.644 χ^2/NDF : 1204478.0/18

In: 6805.697+/-2.547 χ^2/NDF : 200252.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6152.379+/-1.644 χ^2/NDF : 1204478.0/18

cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3170.532 $\pm$ 854.617 χ^2 /NDF: 4.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2082.515 $\pm$ 808.111 χ^2 /NDF: 2.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

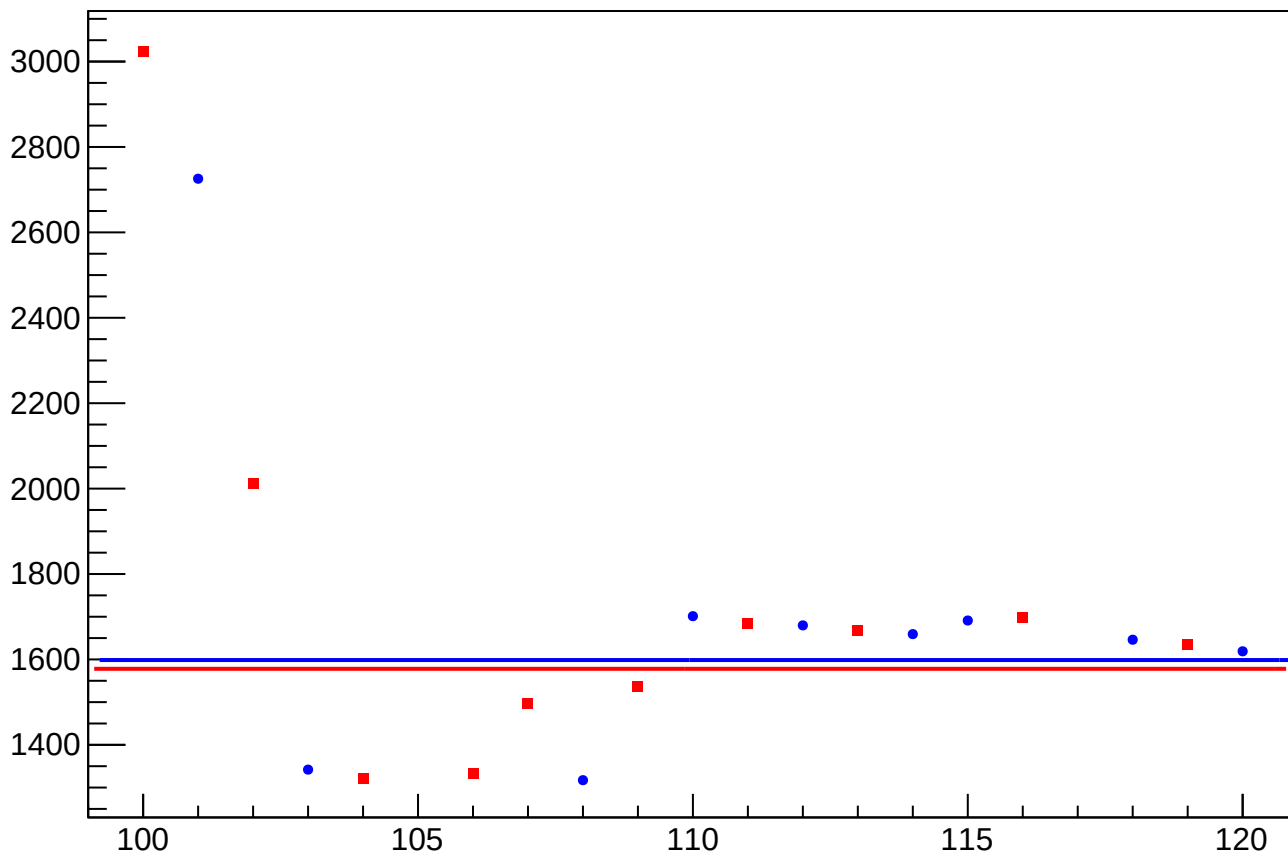
Right: 2596.116 $\pm$ 587.174 χ^2 /NDF: 7.2/18

In: 3170.532 $\pm$ 854.617 χ^2 /NDF:4.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2596.116 $\pm$ 587.174 χ^2 /NDF: 7.2/18

cor_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1598.576+/-0.604 χ^2/NDF : 309413.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1578.073+/-0.571 χ^2/NDF : 148677.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

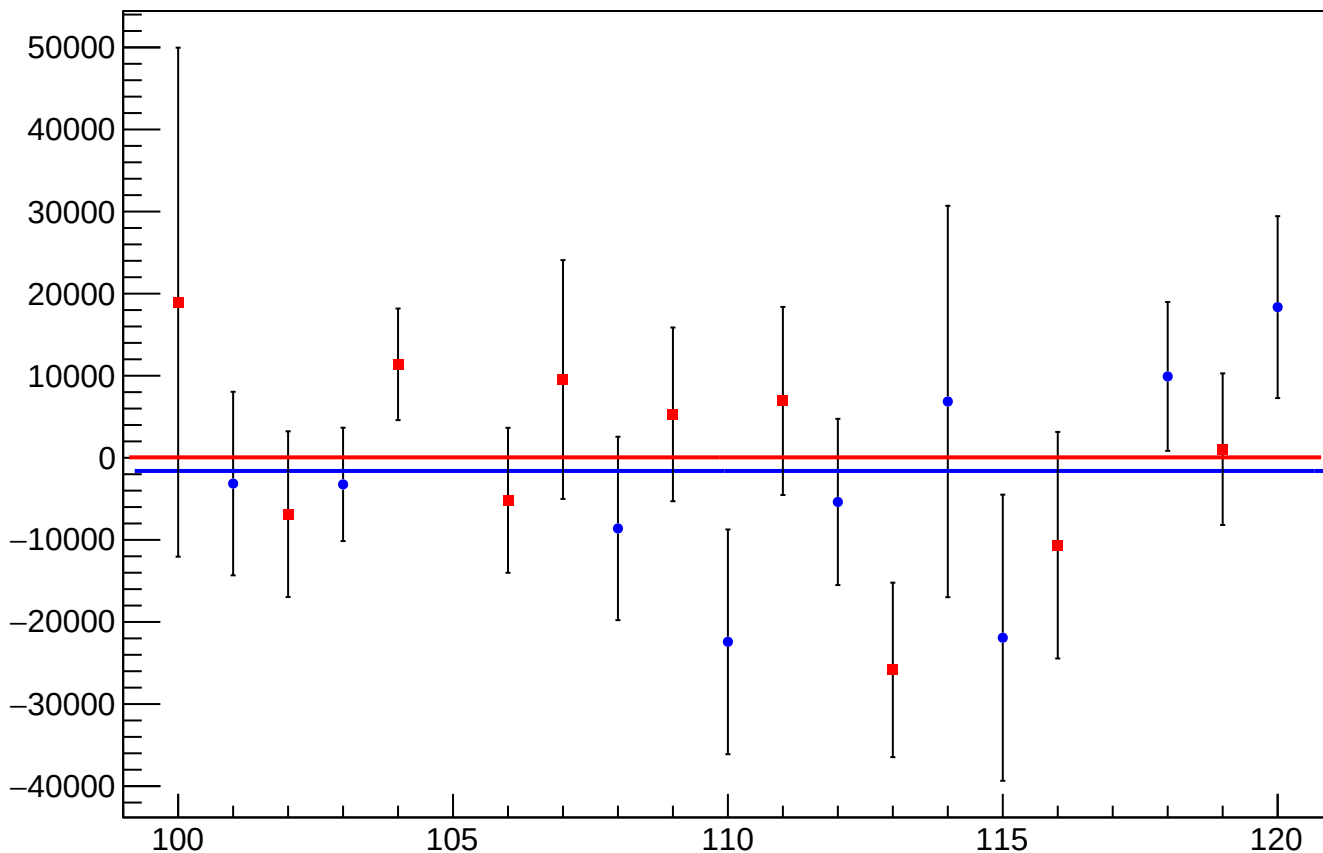
Right: 1587.752+/-0.415 χ^2/NDF : 458698.1/18

In: 1598.576+/-0.604 χ^2/NDF : 309413.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1587.752+/-0.415 χ^2/NDF : 458698.1/18

asym_at2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1602.024+/-3593.555 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.819+/-3289.212 χ^2/NDF : 11.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

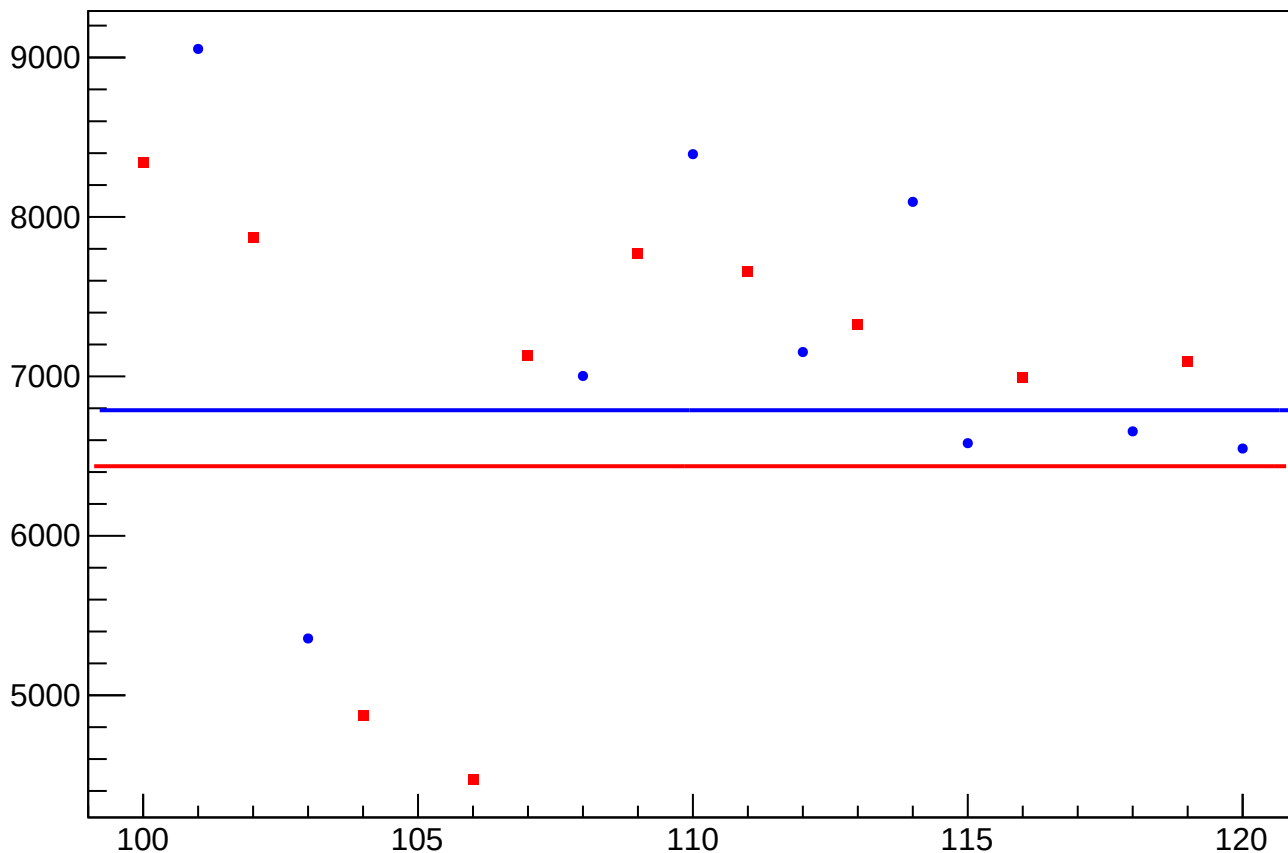
Right: -699.395+/-2426.297 χ^2/NDF : 20.9/18

In: -1602.024+/-3593.555 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -699.395+/-2426.297 χ^2/NDF : 20.9/18

asym_at2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 6787.747+/-2.541 χ^2/NDF : 206629.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6436.607+/-2.326 χ^2/NDF : 339595.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

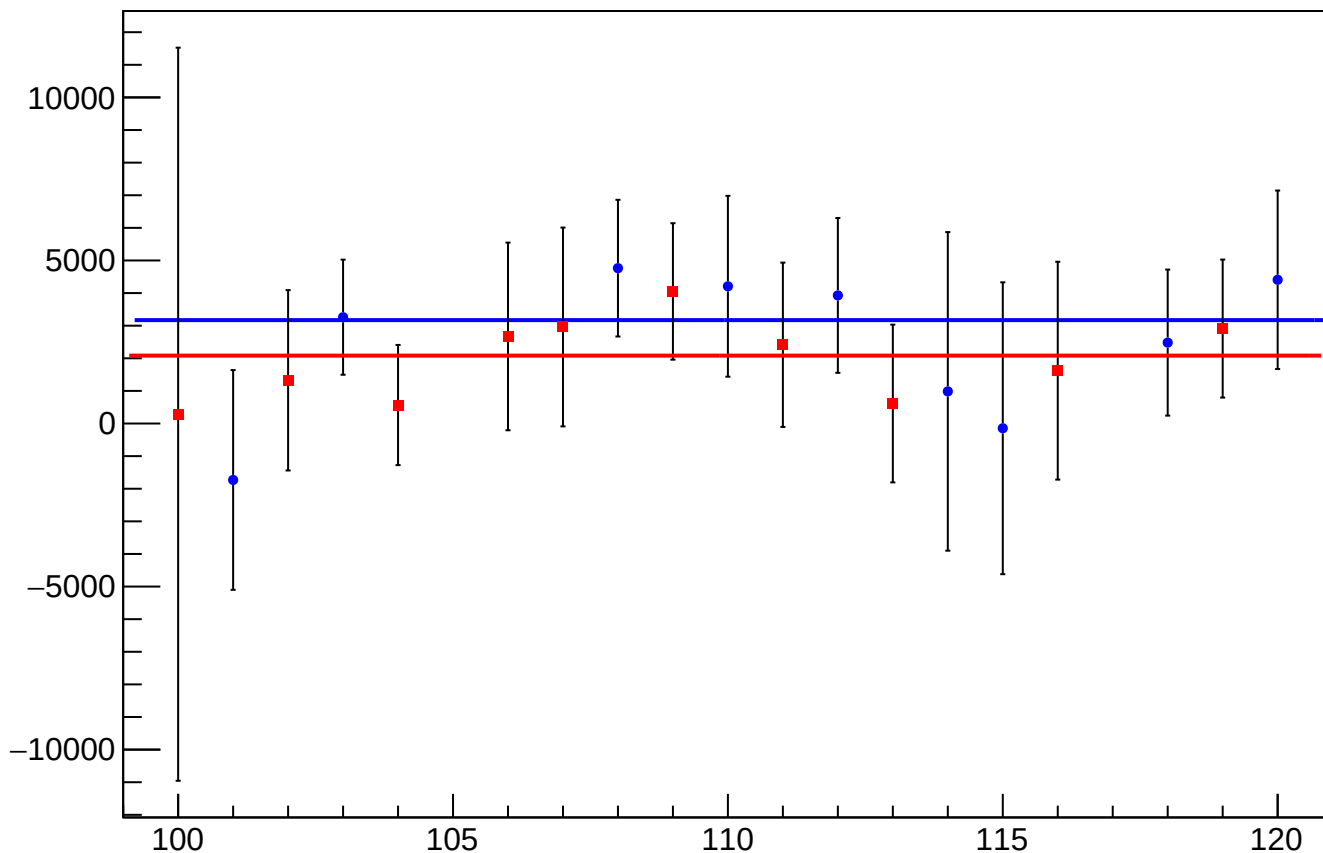
Right: 6596.681+/-1.716 χ^2/NDF : 556616.4/18

In: 6787.747+/-2.541 χ^2/NDF : 206629.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6596.681+/-1.716 χ^2/NDF : 556616.4/18

eigen_cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3170.532 $\pm$ 854.617 χ^2 /NDF: 4.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2082.515 $\pm$ 808.111 χ^2 /NDF: 2.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

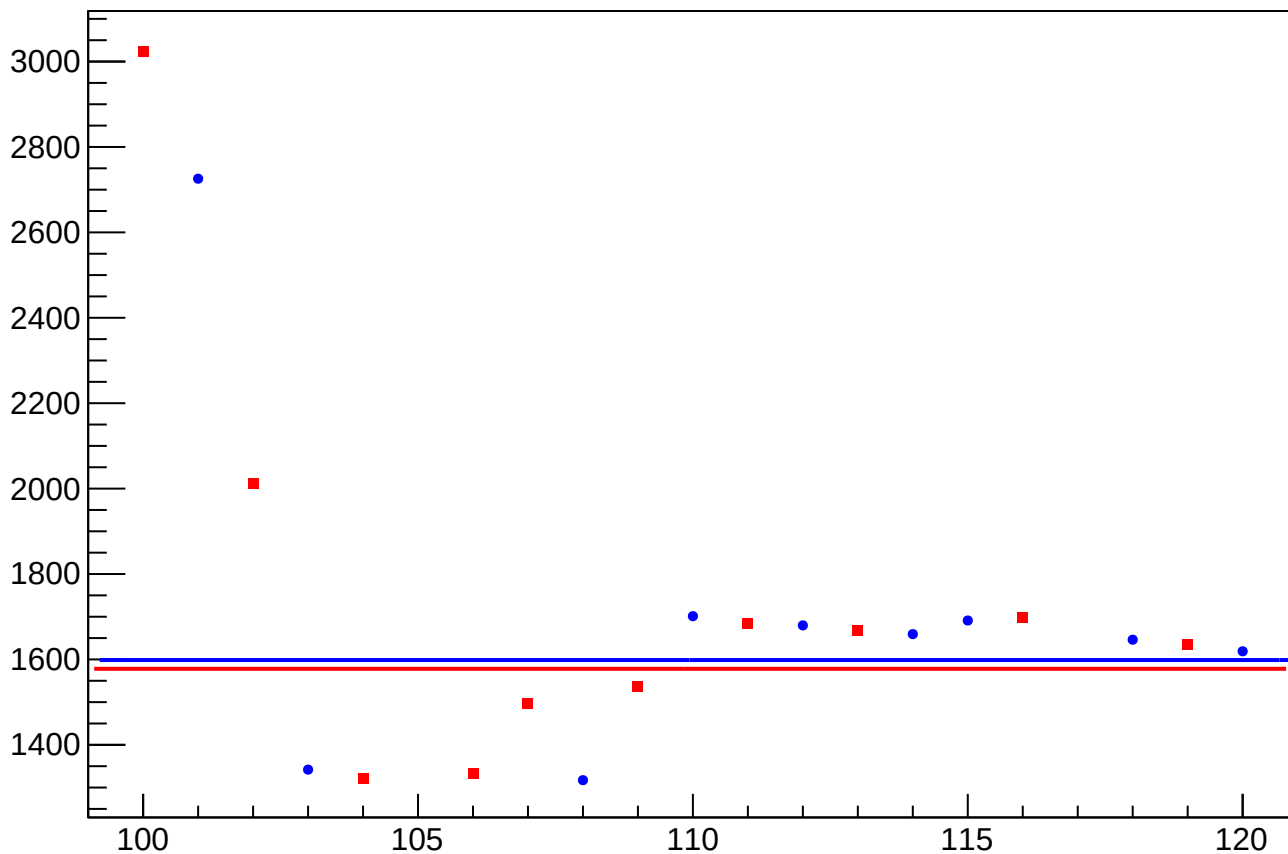
Right: 2596.116 $\pm$ 587.174 χ^2 /NDF: 7.2/18

In: 3170.532 $\pm$ 854.617 χ^2 /NDF:4.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2596.116 $\pm$ 587.174 χ^2 /NDF: 7.2/18

eigen_cor_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1598.576+/-0.604 χ^2/NDF : 309413.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1578.073+/-0.571 χ^2/NDF : 148677.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

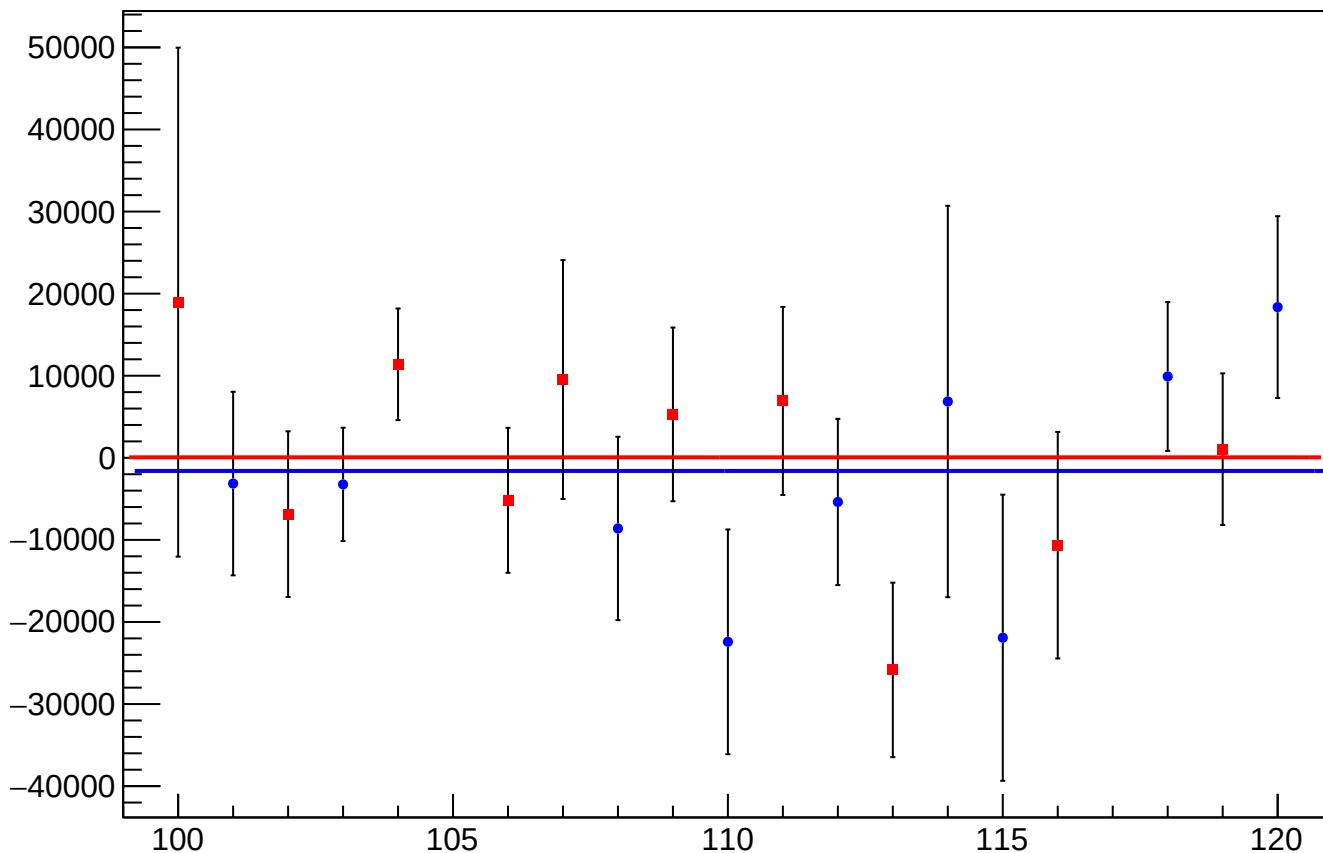
Right: 1587.752+/-0.415 χ^2/NDF : 458698.1/18

In: 1598.576+/-0.604 χ^2/NDF : 309413.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1587.752+/-0.415 χ^2/NDF : 458698.1/18

asym_at2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1602.024+/-3593.555 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.819+/-3289.212 χ^2/NDF : 11.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

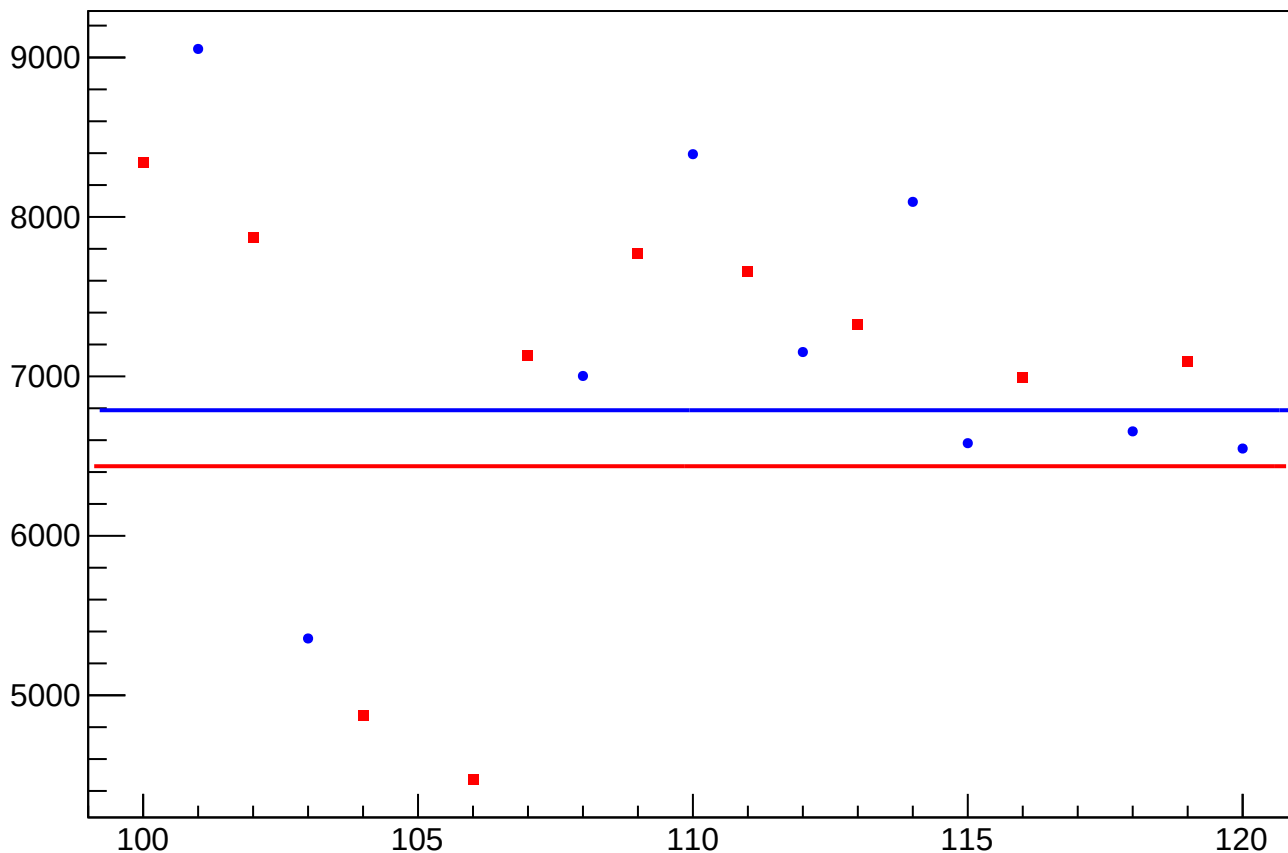
Right: -699.395+/-2426.297 χ^2/NDF : 20.9/18

In: -1602.024+/-3593.555 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -699.395+/-2426.297 χ^2/NDF : 20.9/18

asym_at2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 6787.747+/-2.541 χ^2/NDF : 206629.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6436.607+/-2.326 χ^2/NDF : 339595.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

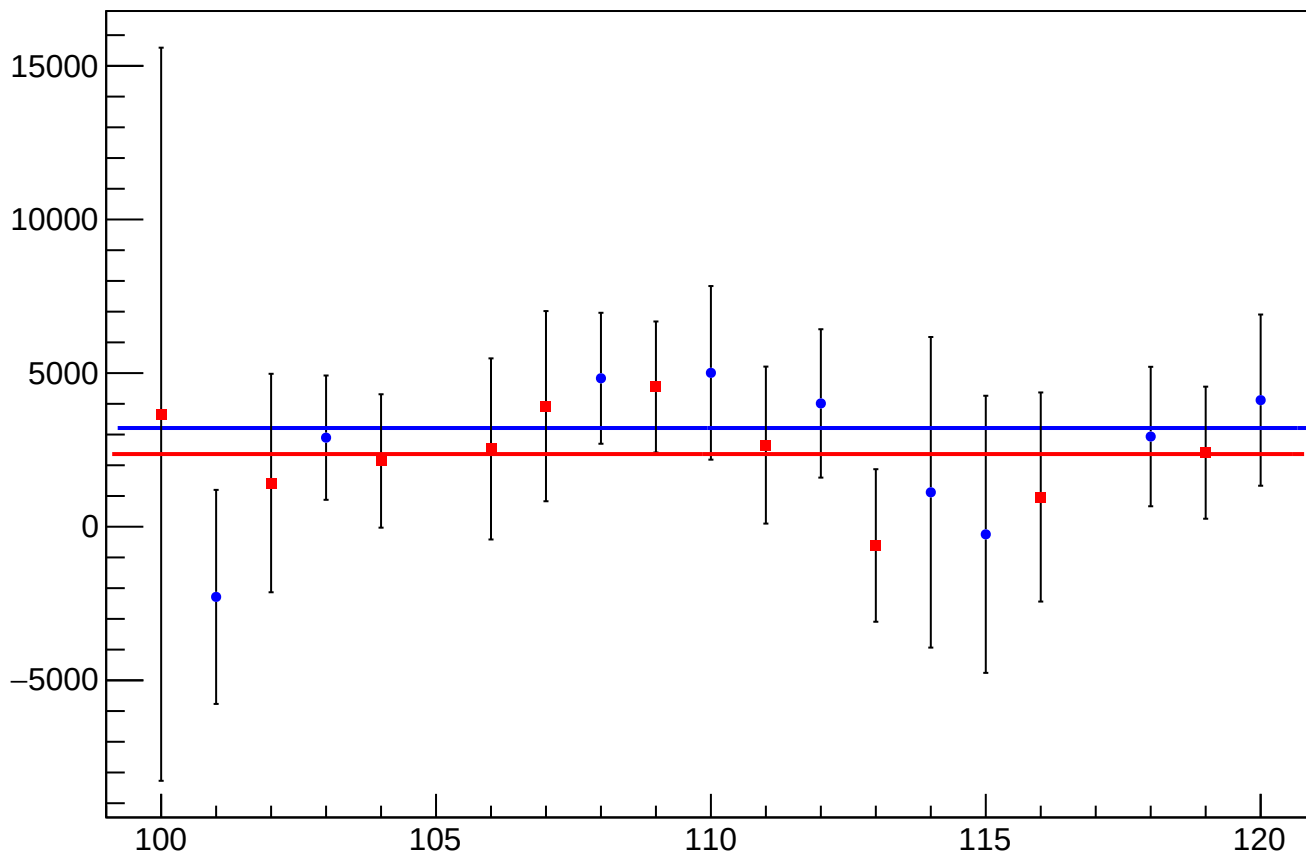
Right: 6596.681+/-1.716 χ^2/NDF : 556616.4/18

In: 6787.747+/-2.541 χ^2/NDF : 206629.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6596.681+/-1.716 χ^2/NDF : 556616.4/18

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3212.592 $\pm$ 892.694 χ^2 /NDF: 4.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2364.851 $\pm$ 858.792 χ^2 /NDF: 3.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

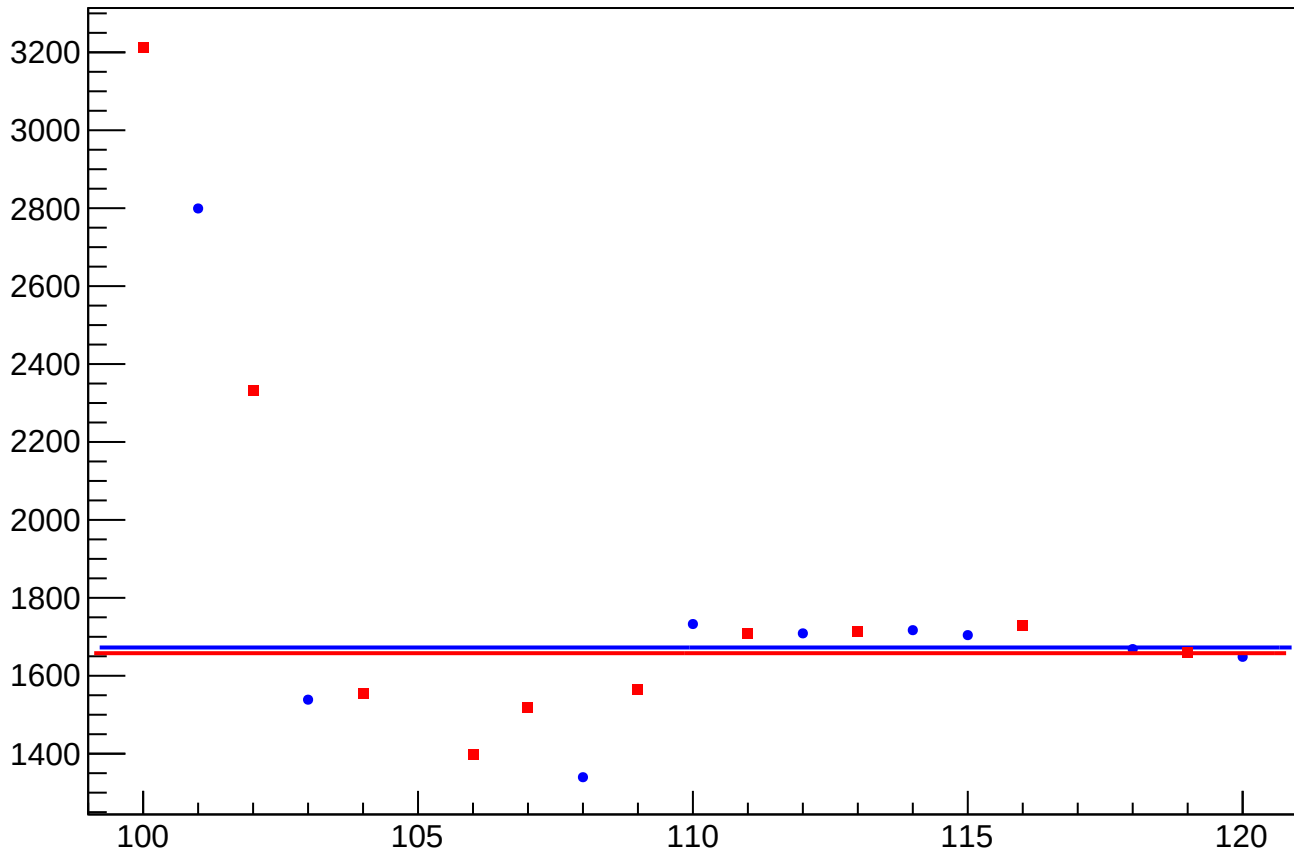
Right: 2772.318 $\pm$ 618.896 χ^2 /NDF: 8.0/18

In: 3212.592 $\pm$ 892.694 χ^2 /NDF:4.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2772.318 $\pm$ 618.896 χ^2 /NDF: 8.0/18

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1672.583+/-0.631 χ^2/NDF : 268557.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1657.940+/-0.607 χ^2/NDF : 136434.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

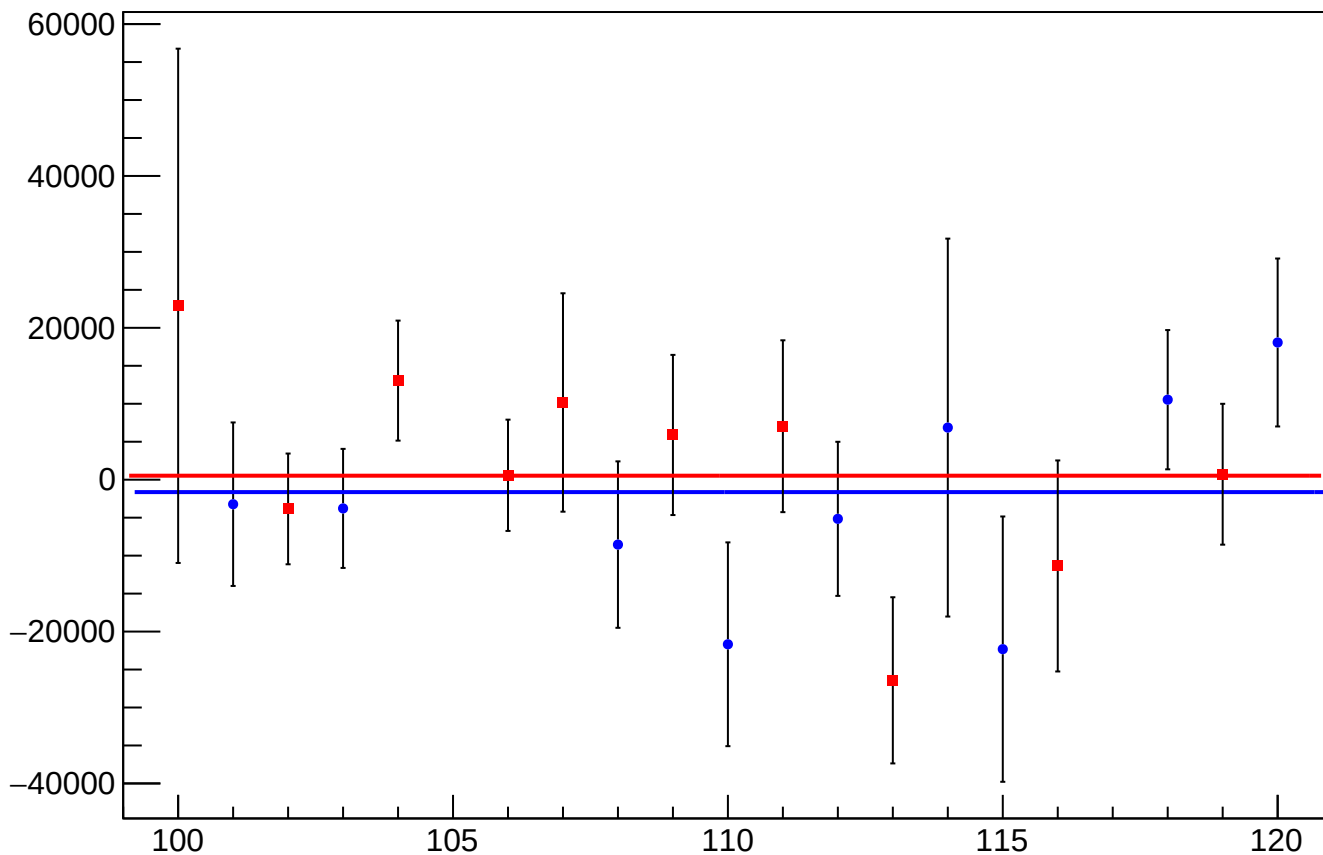
Right: 1664.973+/-0.437 χ^2/NDF : 405272.3/18

In: 1672.583+/-0.631 χ^2/NDF : 268557.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1664.973+/-0.437 χ^2/NDF : 405272.3/18

asym_at2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1633.229+/-3689.695 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 527.024+/-3144.794 χ^2/NDF : 11.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

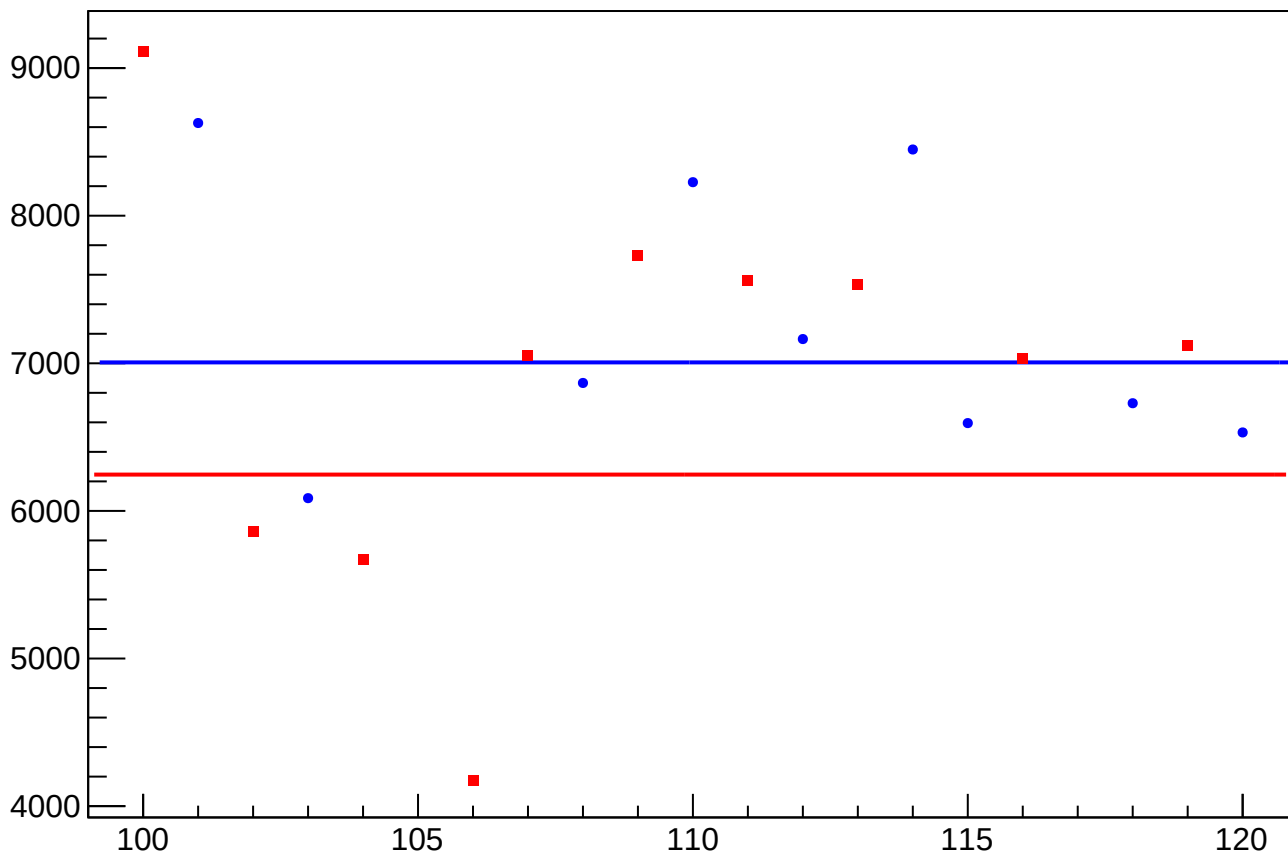
Right: -381.958+/-2393.402 χ^2/NDF : 20.6/18

In: -1633.229+/-3689.695 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -381.958+/-2393.402 χ^2/NDF : 20.6/18

asym_at2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 7006.103+/-2.609 χ^2/NDF : 103605.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6246.083+/-2.224 χ^2/NDF : 315122.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

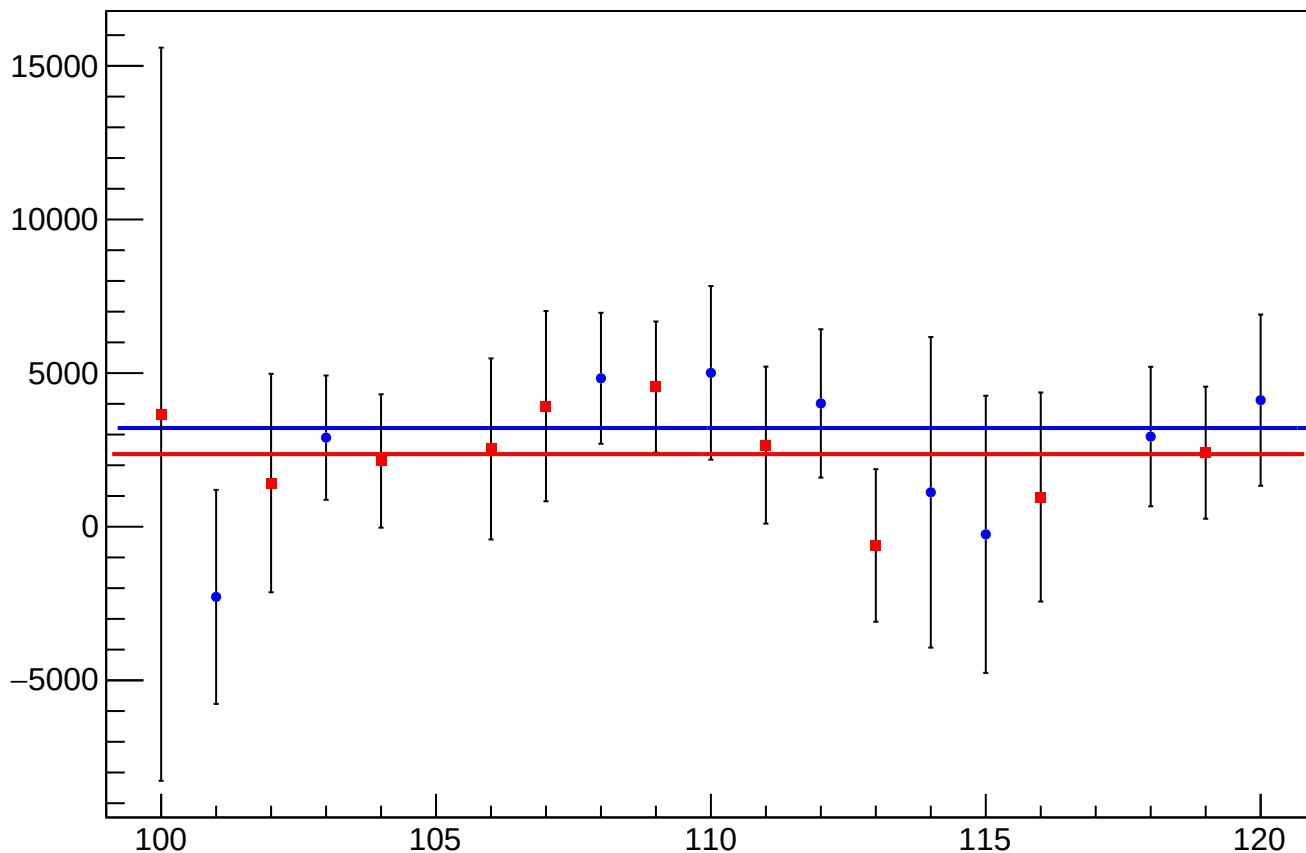
Right: 6565.881+/-1.692 χ^2/NDF : 467880.3/18

In: 7006.103+/-2.609 χ^2/NDF : 103605.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6565.881+/-1.692 χ^2/NDF : 467880.3/18

eigen_dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3212.587 $\pm$ 892.694 χ^2 /NDF: 4.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2364.861 $\pm$ 858.791 χ^2 /NDF: 3.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

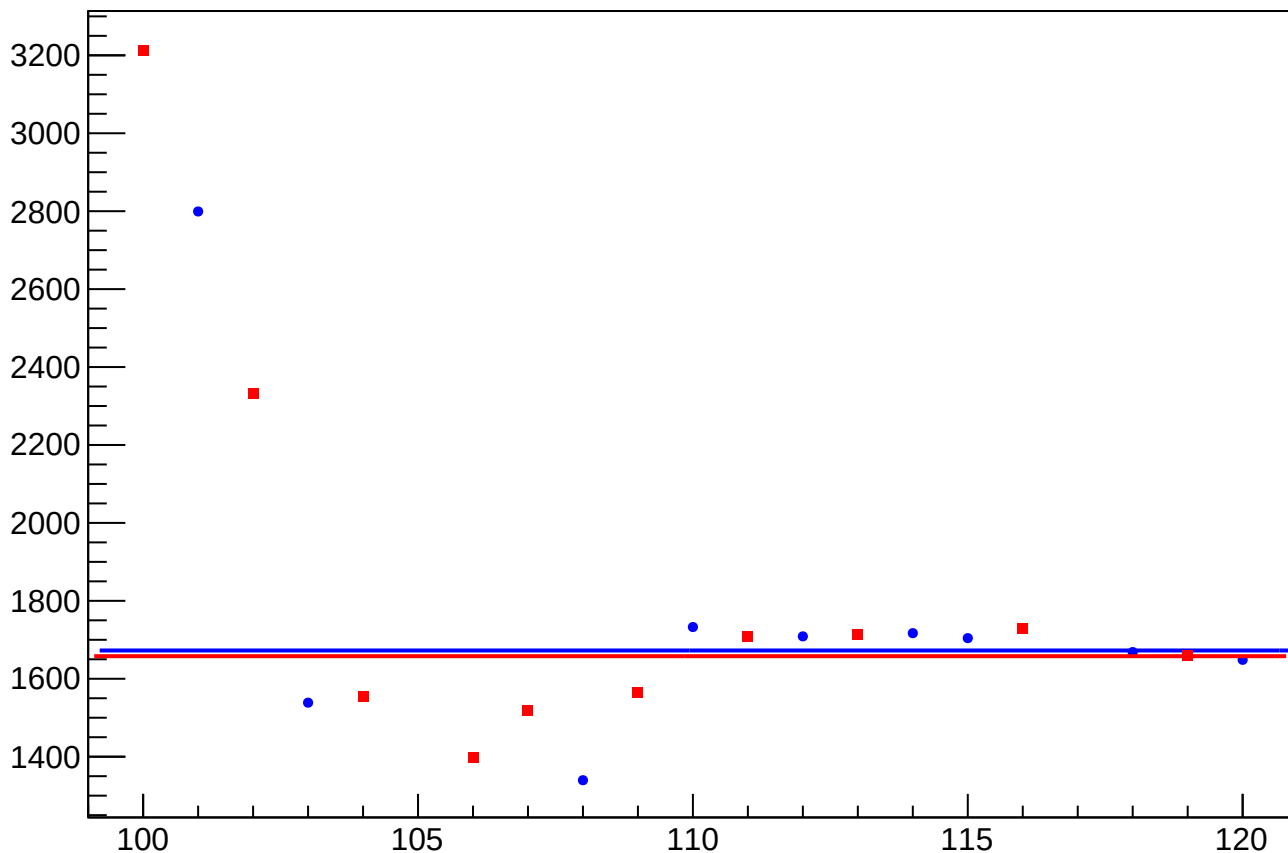
Right: 2772.321 $\pm$ 618.895 χ^2 /NDF: 8.0/18

In: 3212.587 $\pm$ 892.694 χ^2 /NDF:4.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2772.321 $\pm$ 618.895 χ^2 /NDF: 8.0/18

eigen_dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1672.583+/-0.631 χ^2/NDF : 268557.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1657.939+/-0.607 χ^2/NDF : 136434.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

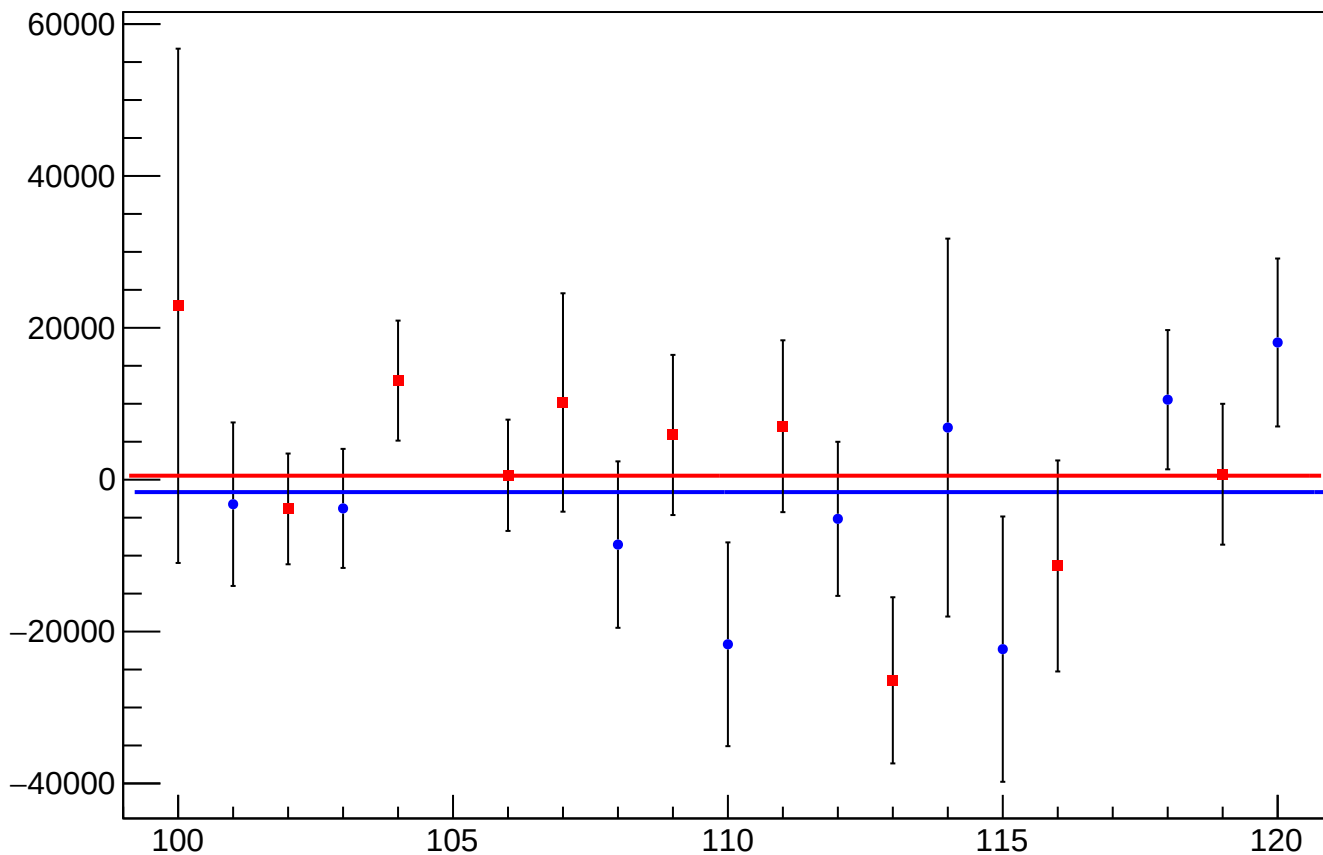
Right: 1664.973+/-0.437 χ^2/NDF : 405271.7/18

In: 1672.583+/-0.631 χ^2/NDF : 268557.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1664.973+/-0.437 χ^2/NDF : 405271.7/18

asym_at2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1633.214+/-3689.686 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 527.031+/-3144.788 χ^2/NDF : 11.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

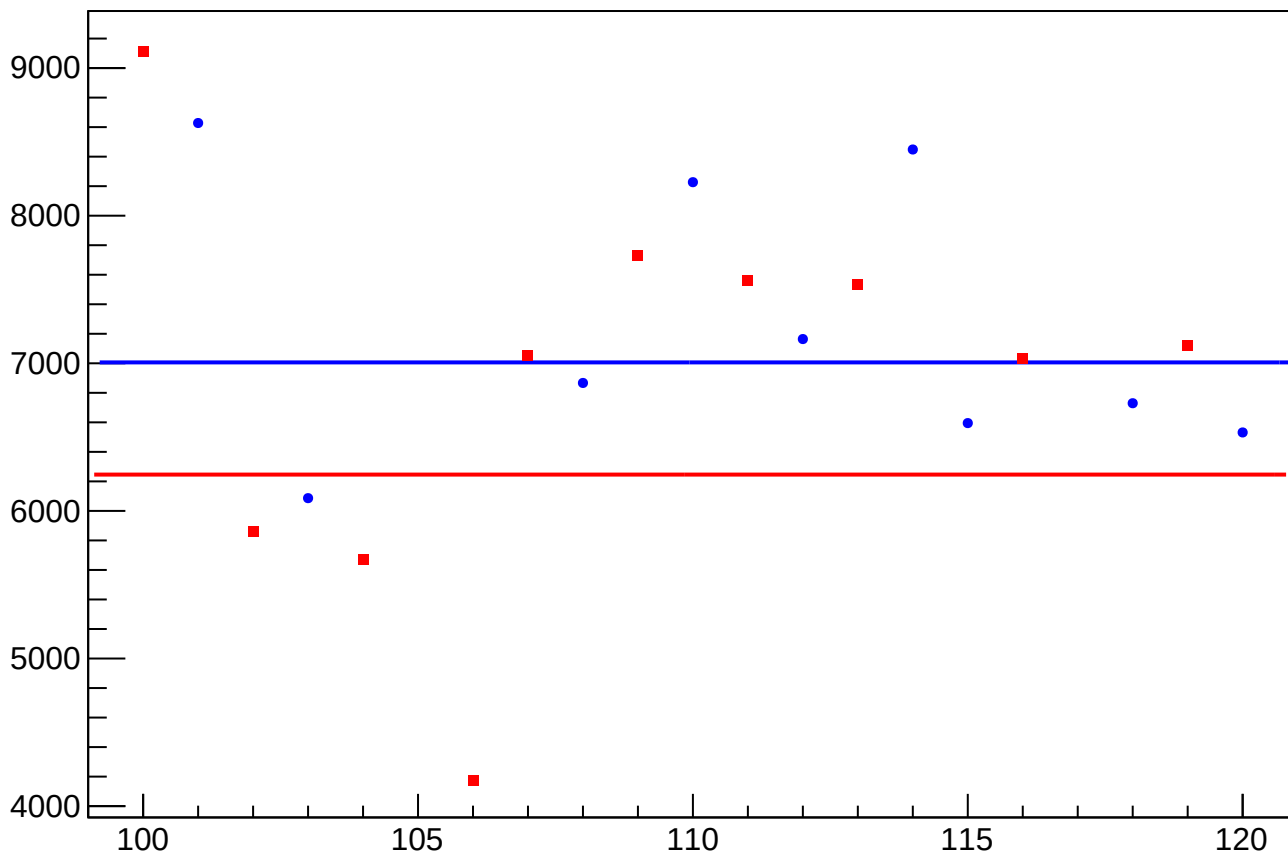
Right: -381.947+/-2393.397 χ^2/NDF : 20.6/18

In: -1633.214+/-3689.686 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -381.947+/-2393.397 χ^2/NDF : 20.6/18

asym_at2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 7006.086+/-2.609 χ^2/NDF : 103605.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6246.071+/-2.224 χ^2/NDF : 315120.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

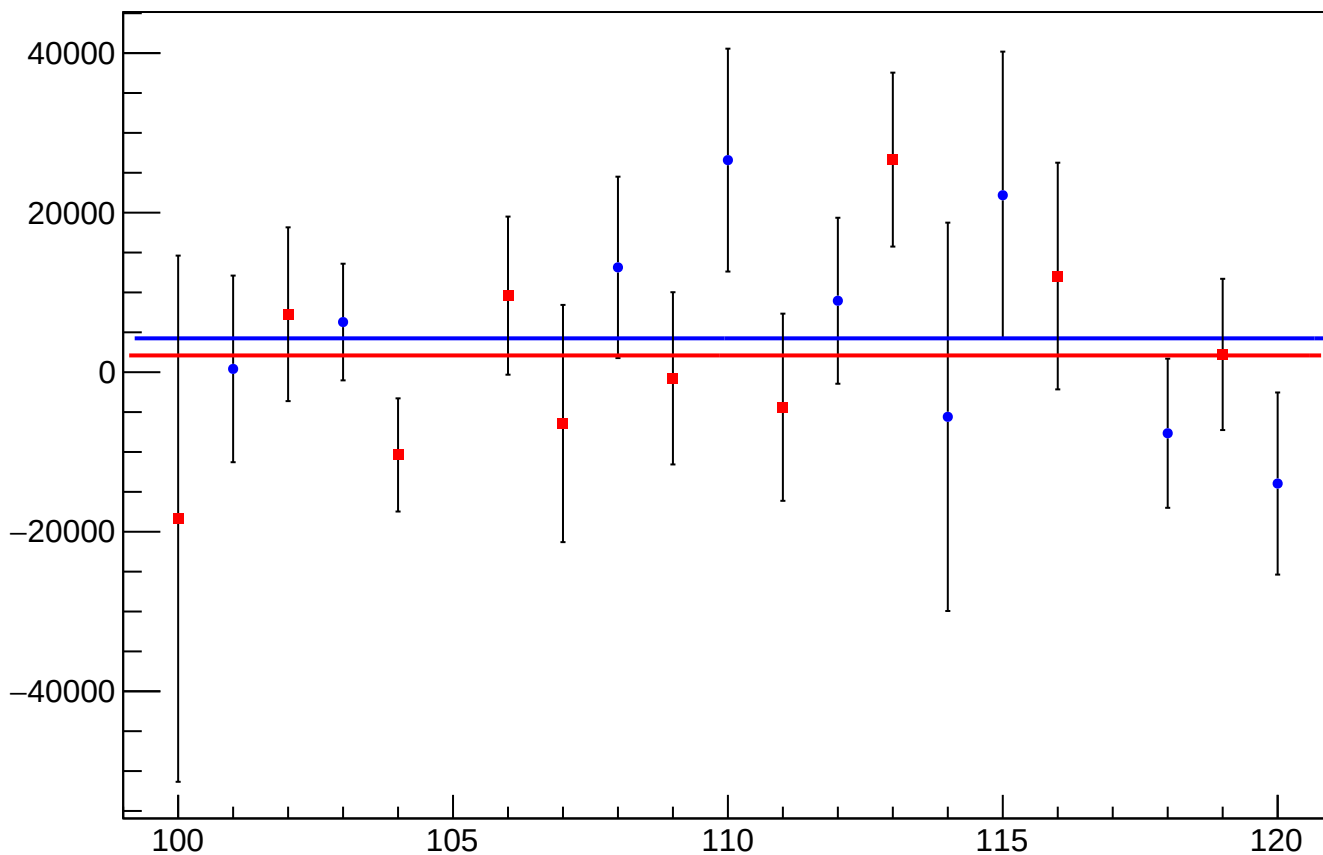
Right: 6565.867+/-1.692 χ^2/NDF : 467878.7/18

In: 7006.086+/-2.609 χ^2/NDF : 103605.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6565.867+/-1.692 χ^2/NDF : 467878.7/18

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 4244.776+/-3726.500 χ^2/NDF : 8.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2101.895+/-3444.738 χ^2/NDF : 10.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

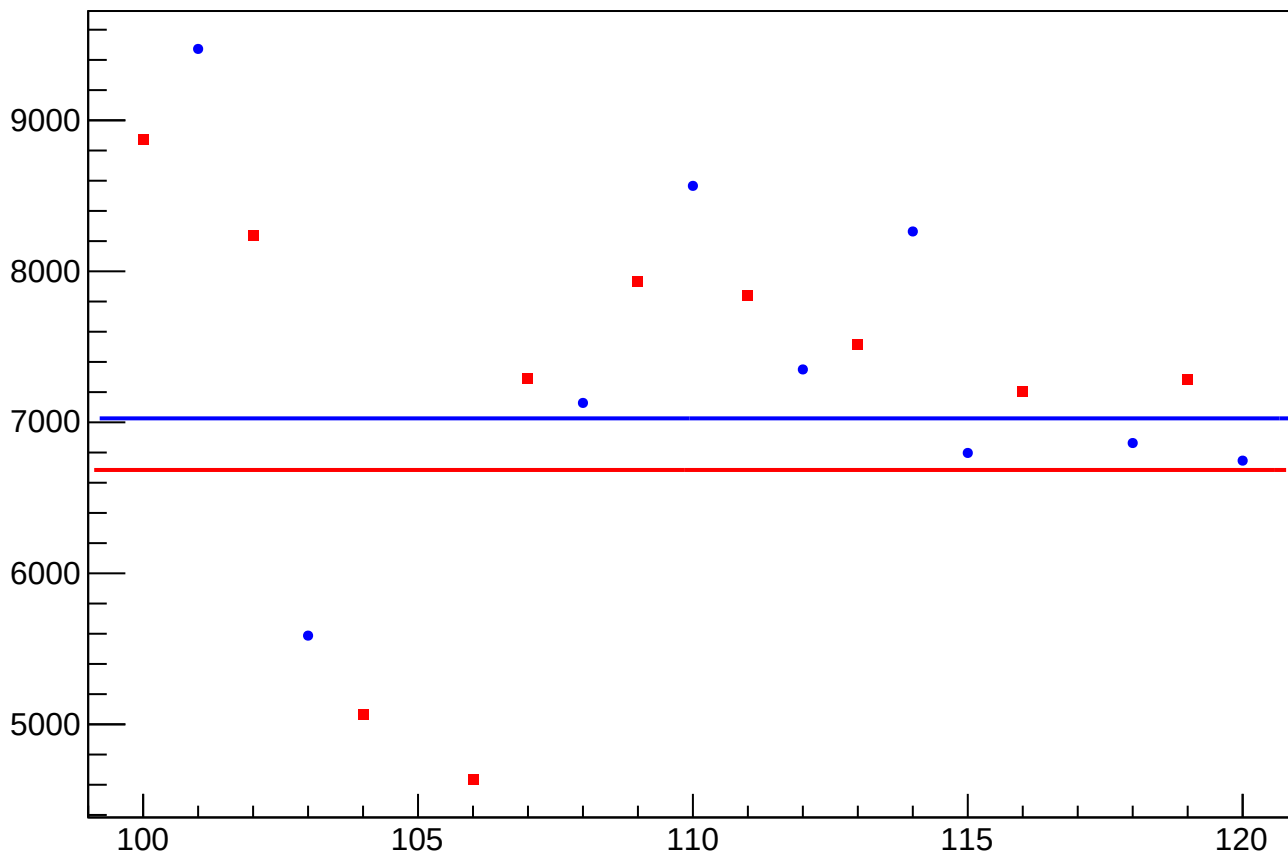
Right: 3089.270+/-2529.550 χ^2/NDF : 19.6/18

In: 4244.776+/-3726.500 χ^2/NDF : 8.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3089.270+/-2529.550 χ^2/NDF : 19.6/18

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7026.260+/-2.635 χ^2/NDF : 198673.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6684.521+/-2.436 χ^2/NDF : 311424.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

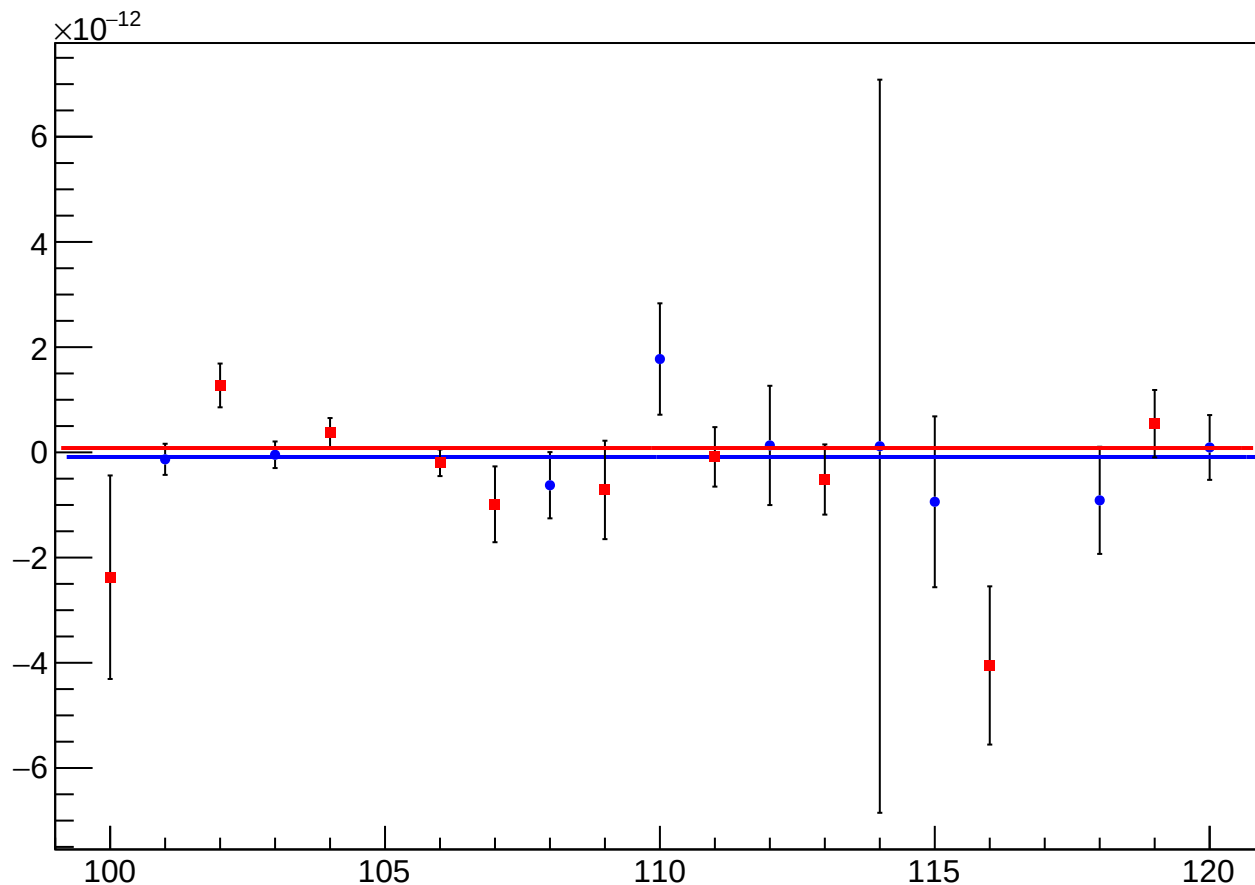
Right: 6841.967+/-1.789 χ^2/NDF : 519168.3/18

In: 7026.260+/-2.635 χ^2/NDF : 198673.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6841.967+/-1.789 χ^2/NDF : 519168.3/18

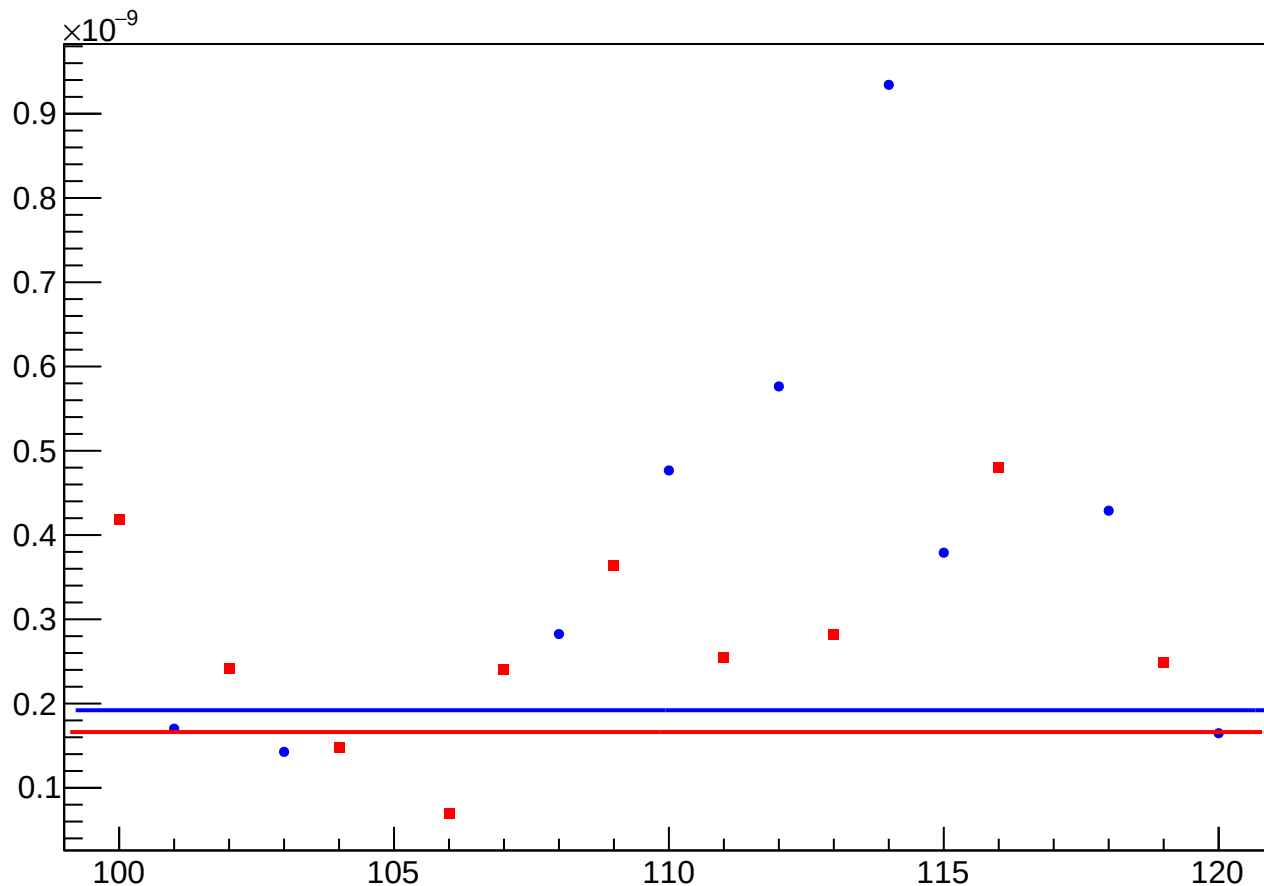
asym_at2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 4.9/8
 Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 Right Out: 0.000+/-0.000 χ^2 /NDF: 24.0/9
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 0.000+/-0.000 χ^2 /NDF: 29.5/18
 In: -0.000+/-0.000 χ^2 /NDF:4.9/8
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: 0.000+/-0.000 χ^2 /NDF: 29.5/18

asym_at2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 664111.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 742035.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

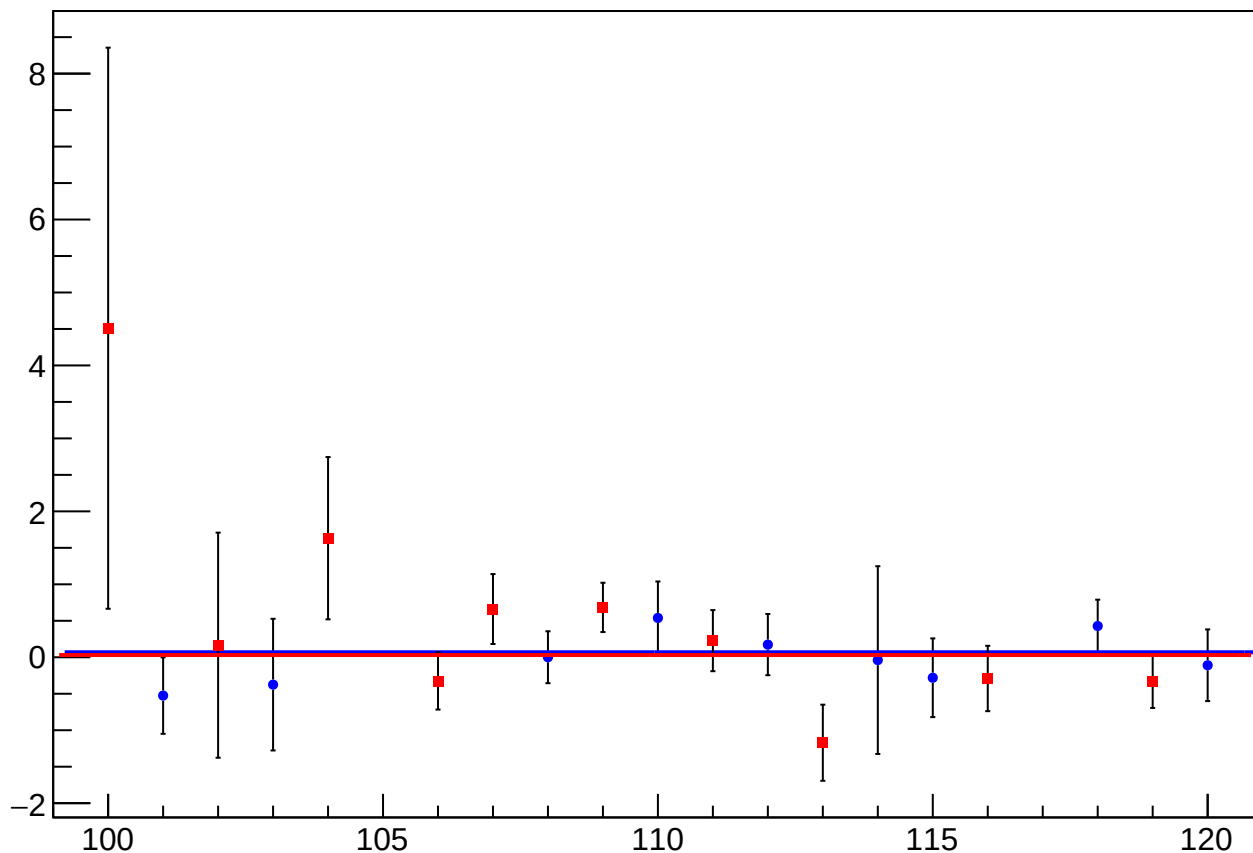
Right: 0.000+/-0.000 χ^2/NDF : 1432862.9/18

In: 0.000+/-0.000 χ^2/NDF : 664111.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1432862.9/18

asym_at2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.068+/-0.162 χ^2/NDF : 4.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.031+/-0.152 χ^2/NDF : 16.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

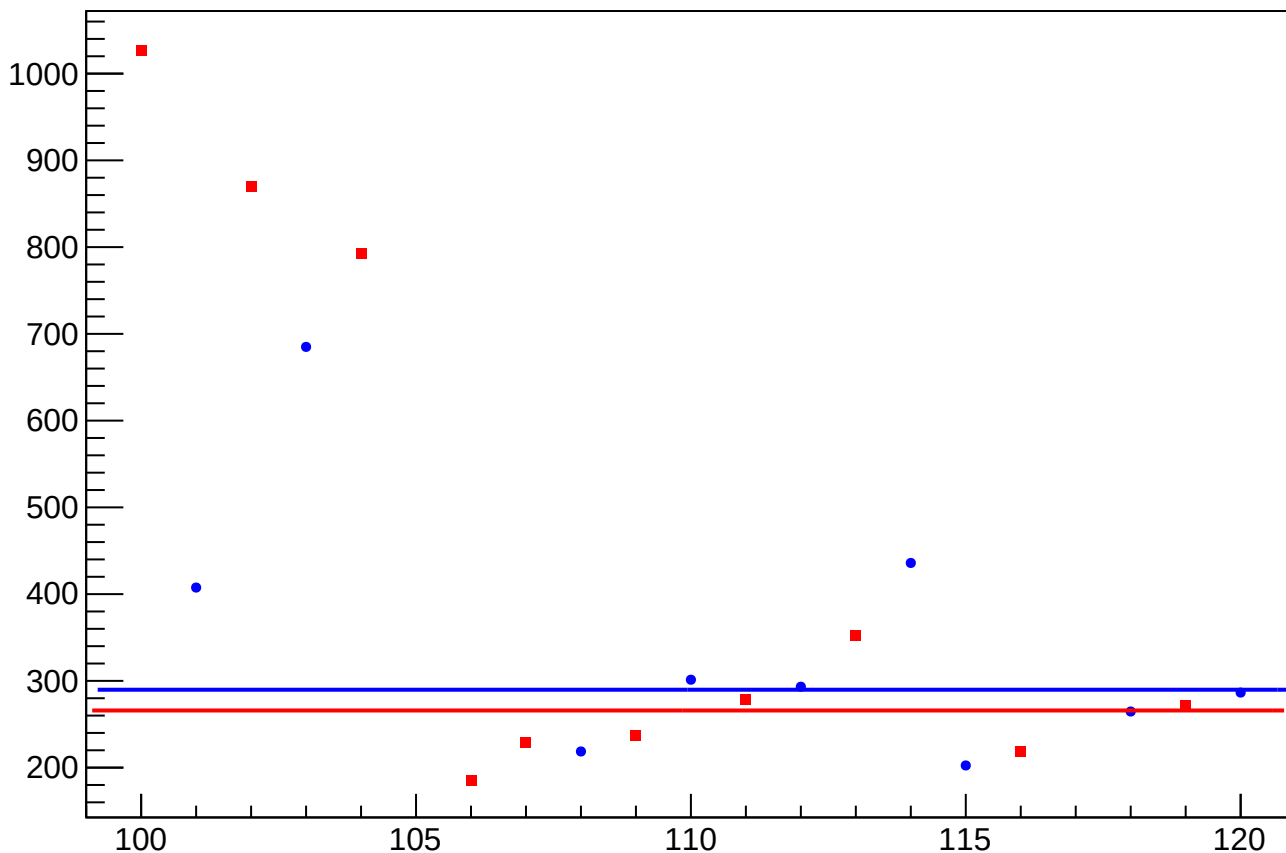
Right: 0.048+/-0.111 χ^2/NDF : 20.9/18

In: 0.068+/-0.162 χ^2/NDF : 4.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.048+/-0.111 χ^2/NDF : 20.9/18

asym_at2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 289.798+/-0.114 χ^2/NDF : 653765.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 265.865+/-0.108 χ^2/NDF : 1025160.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

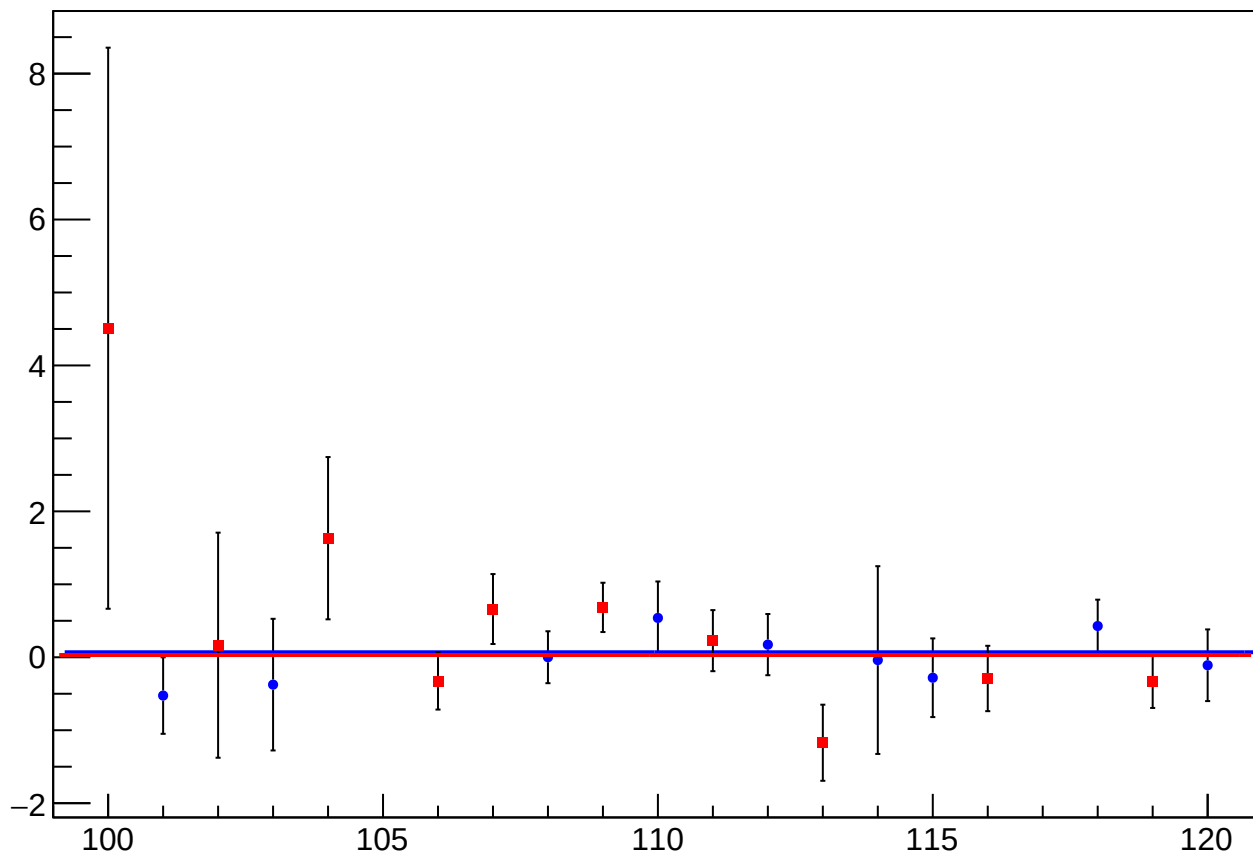
Right: 277.117+/-0.078 χ^2/NDF : 1702171.4/18

In: 289.798+/-0.114 χ^2/NDF : 653765.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 277.117+/-0.078 χ^2/NDF : 1702171.4/18

asym_at2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.162 χ^2/NDF : 4.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.031 $\pm$ 0.152 χ^2/NDF : 16.8/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

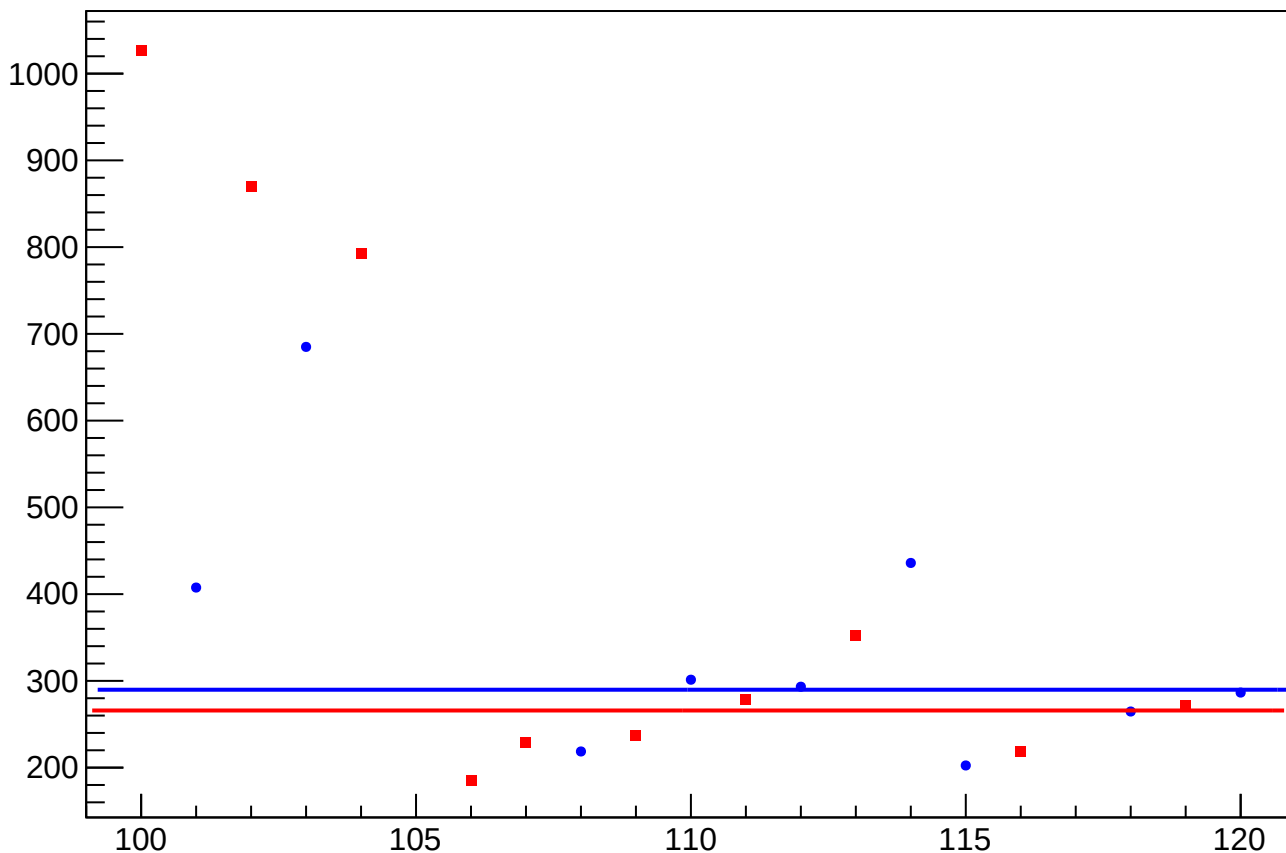
Right: 0.048 $\pm$ 0.111 χ^2/NDF : 20.9/18

In: 0.068 $\pm$ 0.162 χ^2/NDF : 4.1/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.048 $\pm$ 0.111 χ^2/NDF : 20.9/18

asym_at2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 289.798+/-0.114 χ^2/NDF : 653765.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 265.865+/-0.108 χ^2/NDF : 1025160.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

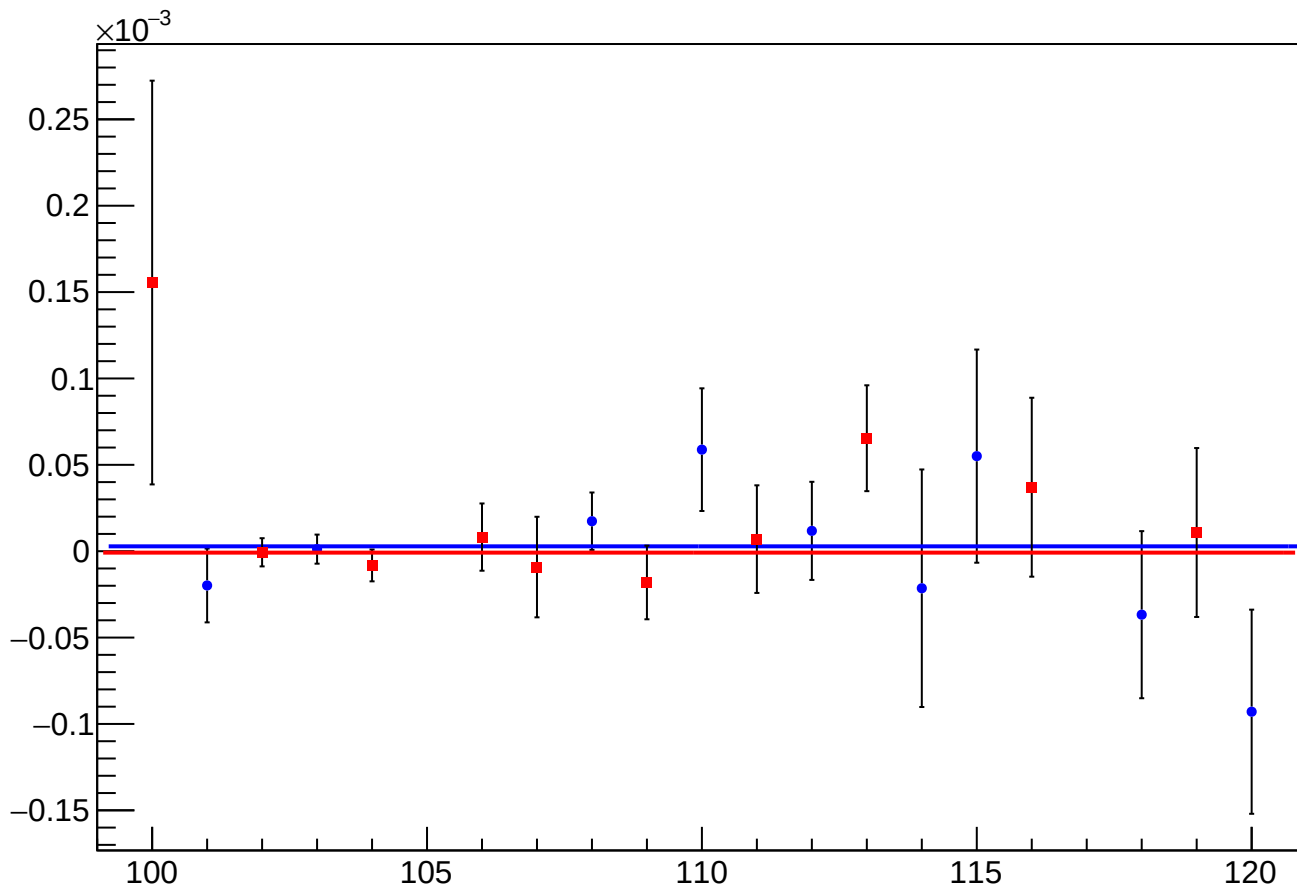
Right: 277.117+/-0.078 χ^2/NDF : 1702171.4/18

In: 289.798+/-0.114 χ^2/NDF : 653765.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 277.117+/-0.078 χ^2/NDF : 1702171.4/18

asym_at2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

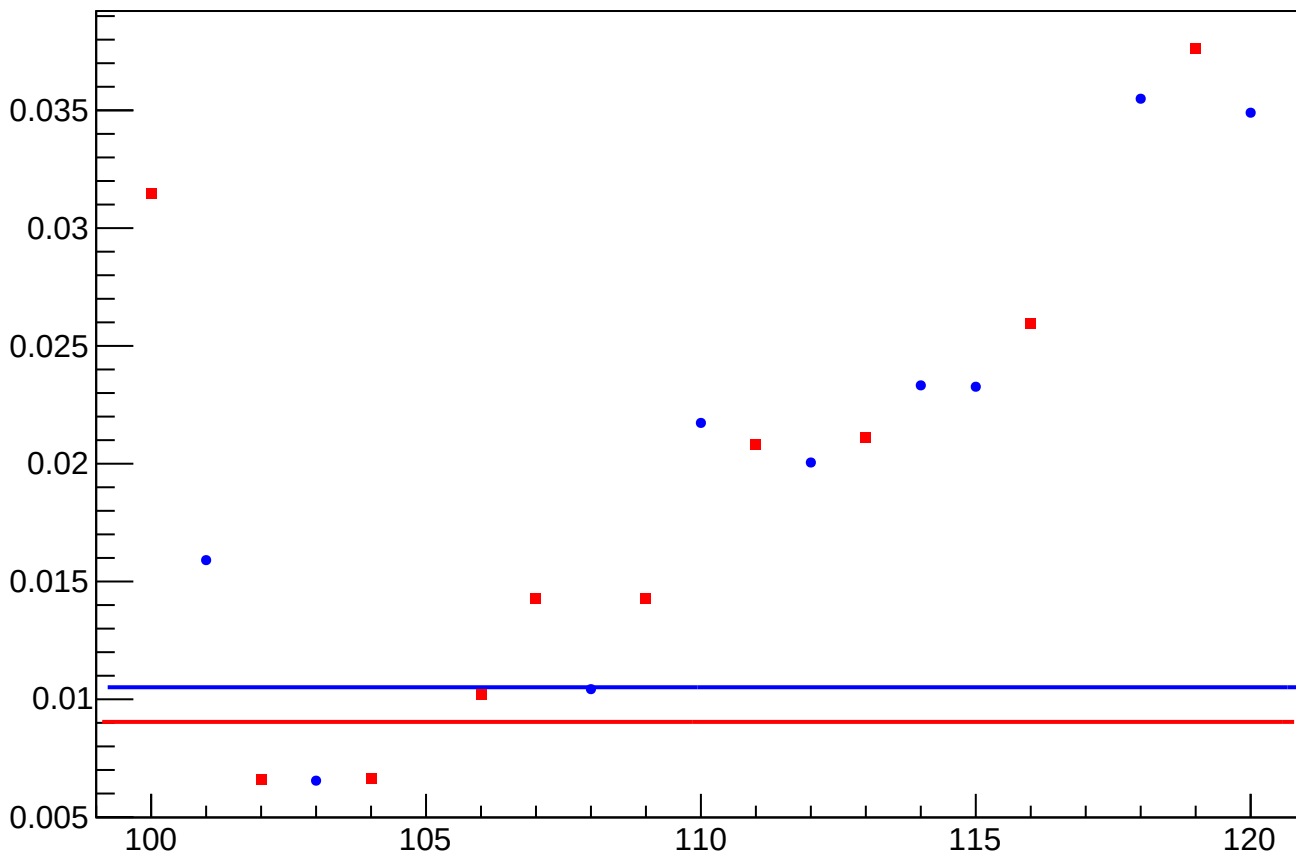
Right: 0.000+/-0.000 χ^2/NDF : 17.6/18

In: 0.000+/-0.000 χ^2/NDF : 8.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.6/18

asym_at2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 2026131.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 2079222.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

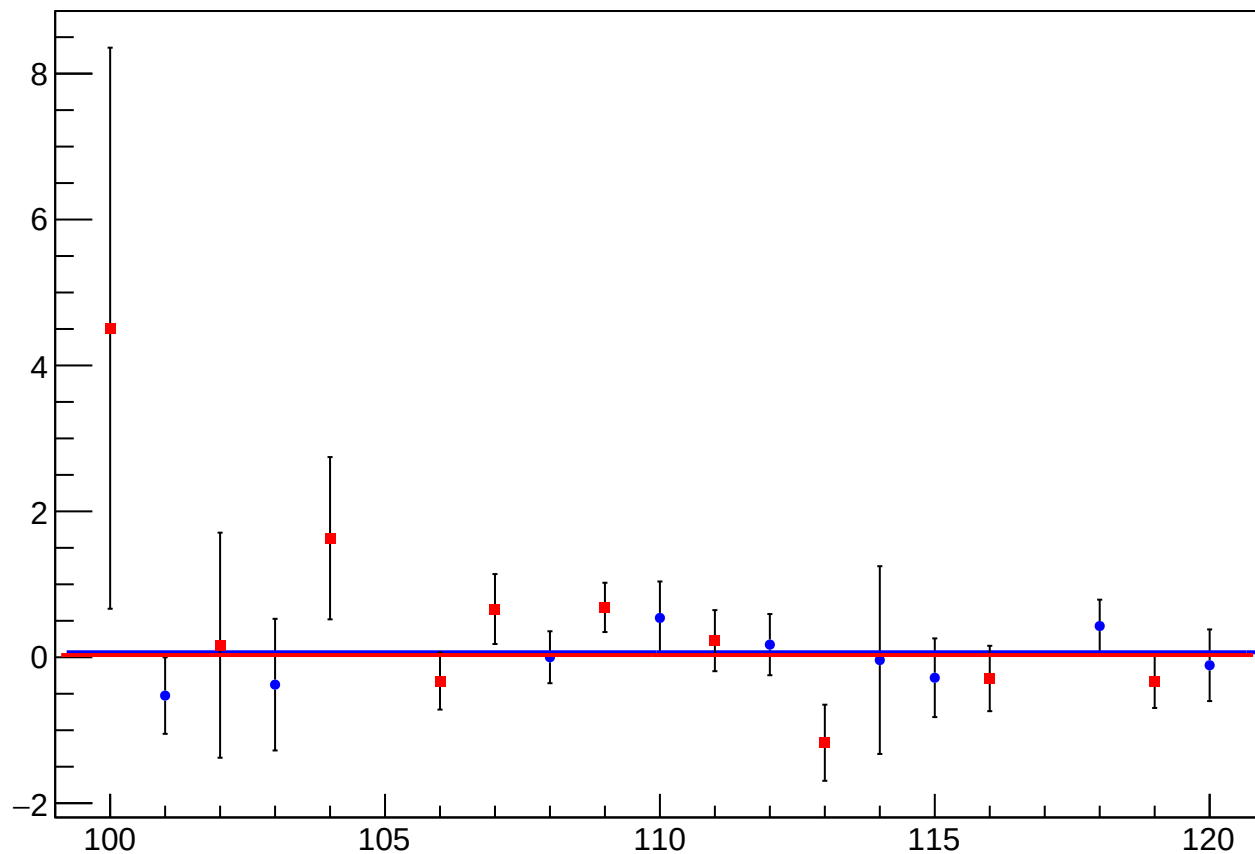
Right: 0.010+/-0.000 χ^2/NDF : 4166184.9/18

In: 0.011+/-0.000 χ^2/NDF : 2026131.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 4166184.9/18

asym_at2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.068+/-0.162 χ^2/NDF : 4.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.031+/-0.152 χ^2/NDF : 16.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

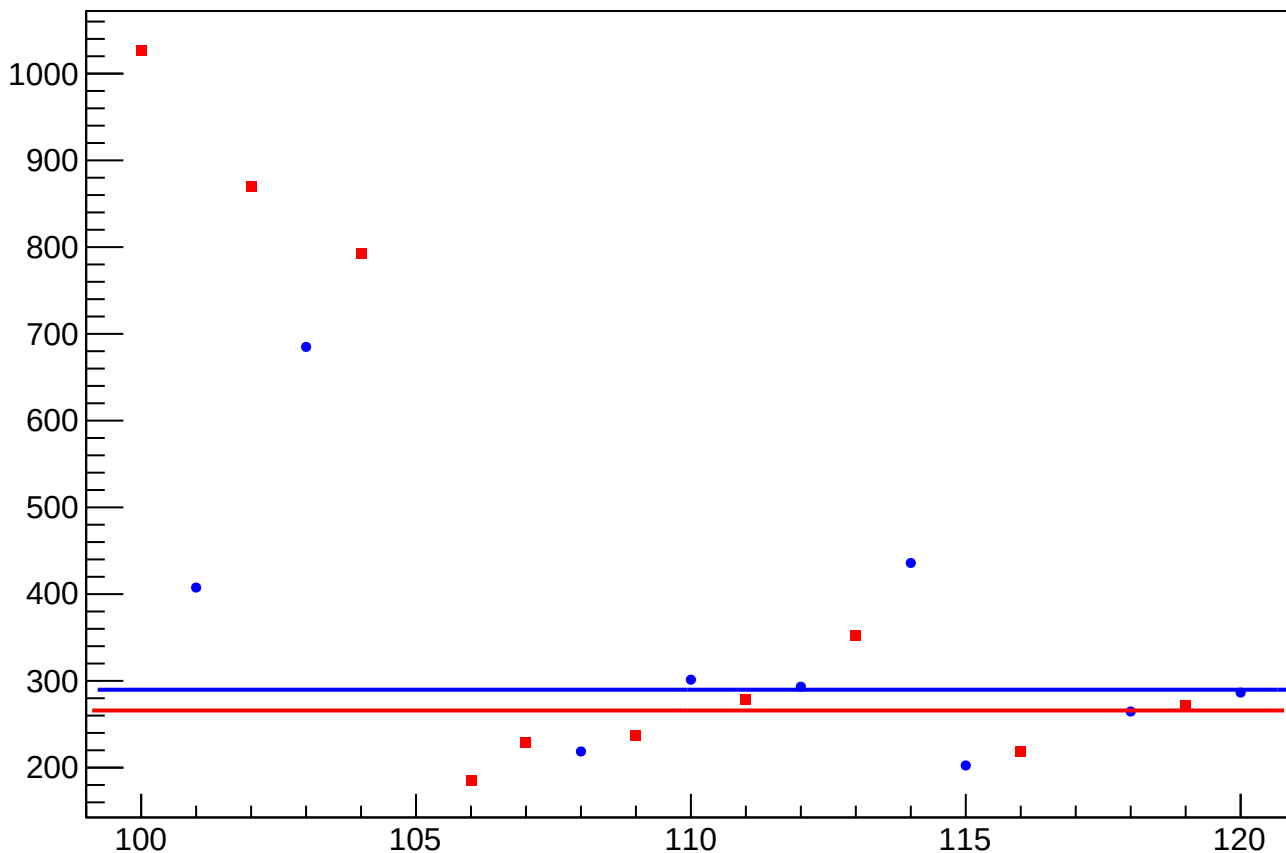
Right: 0.048+/-0.111 χ^2/NDF : 20.9/18

In: 0.068+/-0.162 χ^2/NDF :4.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.048+/-0.111 χ^2/NDF : 20.9/18

asym_at2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 289.799+/-0.114 χ^2/NDF : 653747.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 265.867+/-0.108 χ^2/NDF : 1025148.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

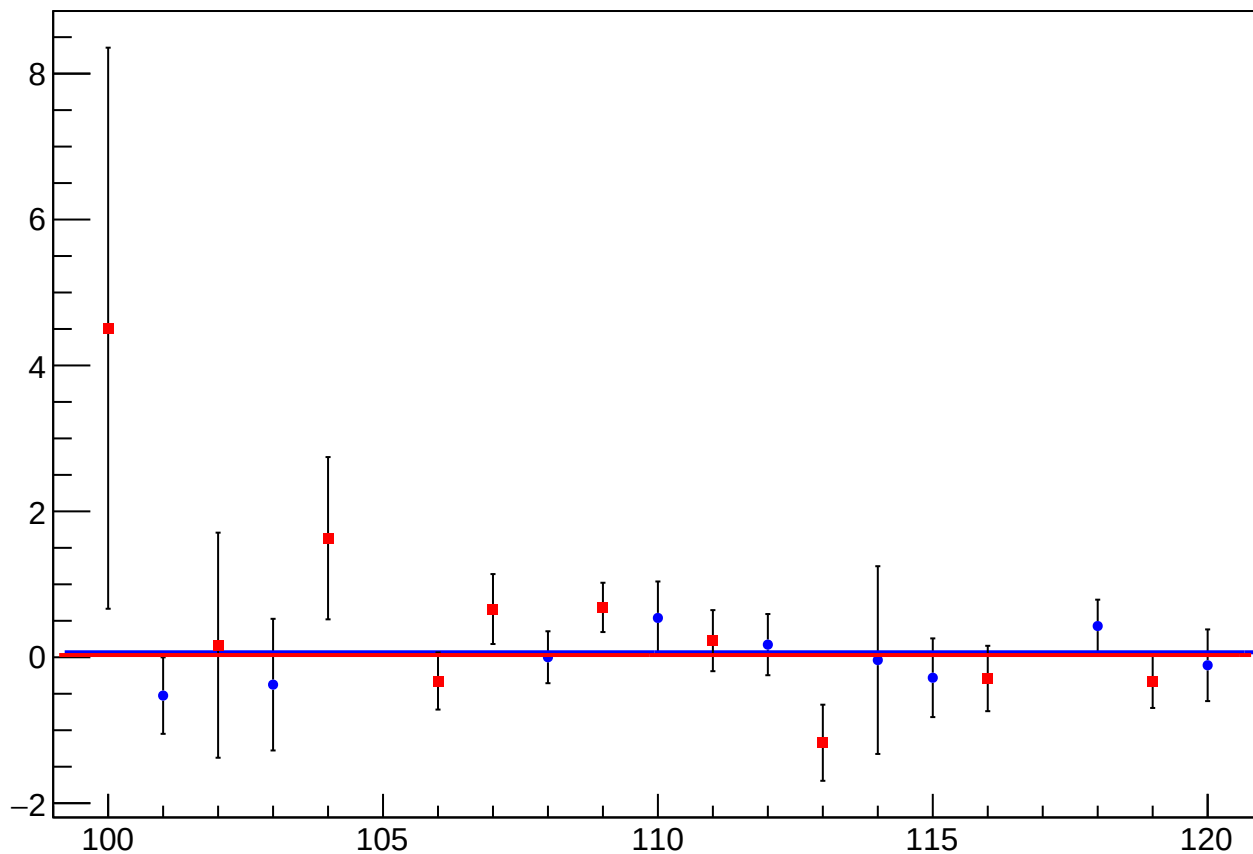
Right: 277.119+/-0.078 χ^2/NDF : 1702138.7/18

In: 289.799+/-0.114 χ^2/NDF : 653747.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 277.119+/-0.078 χ^2/NDF : 1702138.7/18

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.068+/-0.162 χ^2/NDF : 4.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.031+/-0.152 χ^2/NDF : 16.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

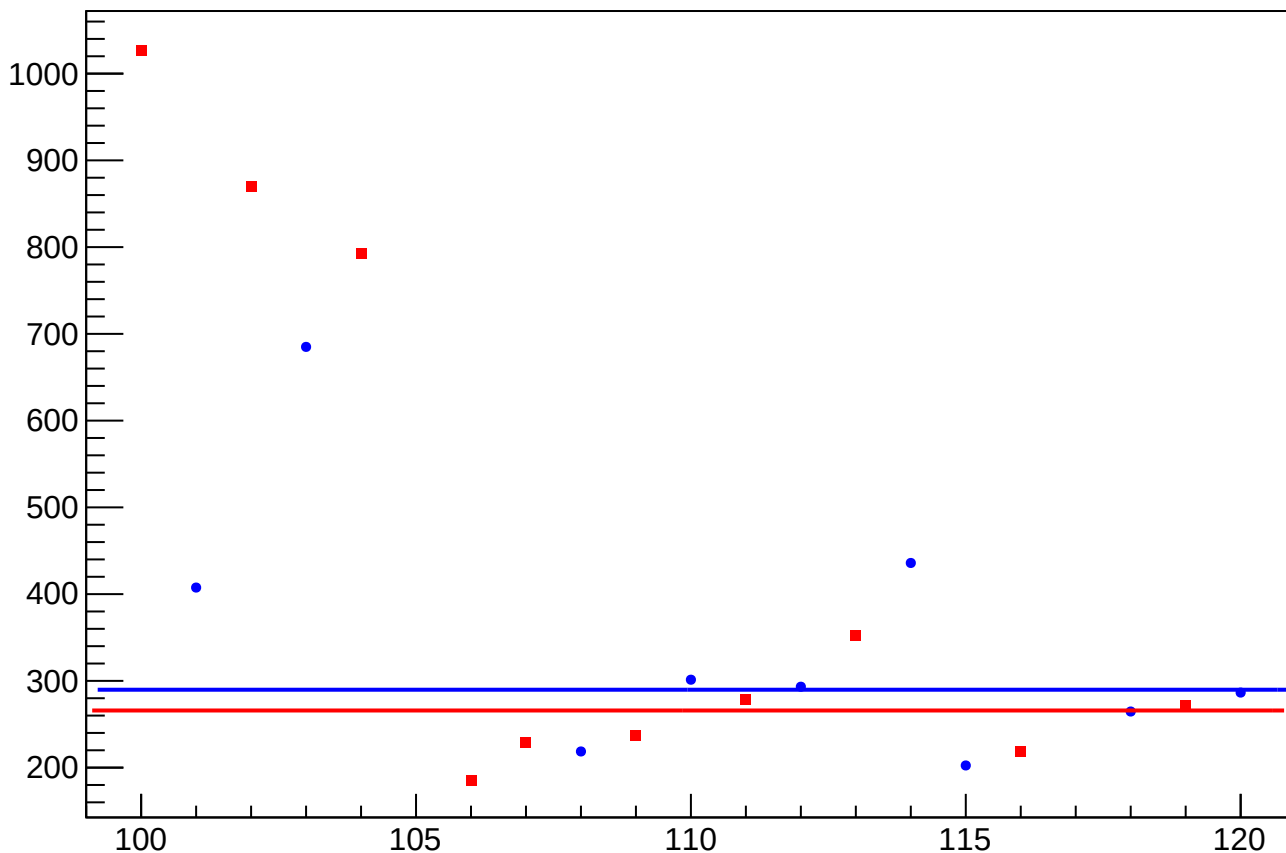
Right: 0.048+/-0.111 χ^2/NDF : 20.9/18

In: 0.068+/-0.162 χ^2/NDF :4.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.048+/-0.111 χ^2/NDF : 20.9/18

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 289.799+/-0.114 χ^2/NDF : 653747.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 265.867+/-0.108 χ^2/NDF : 1025148.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

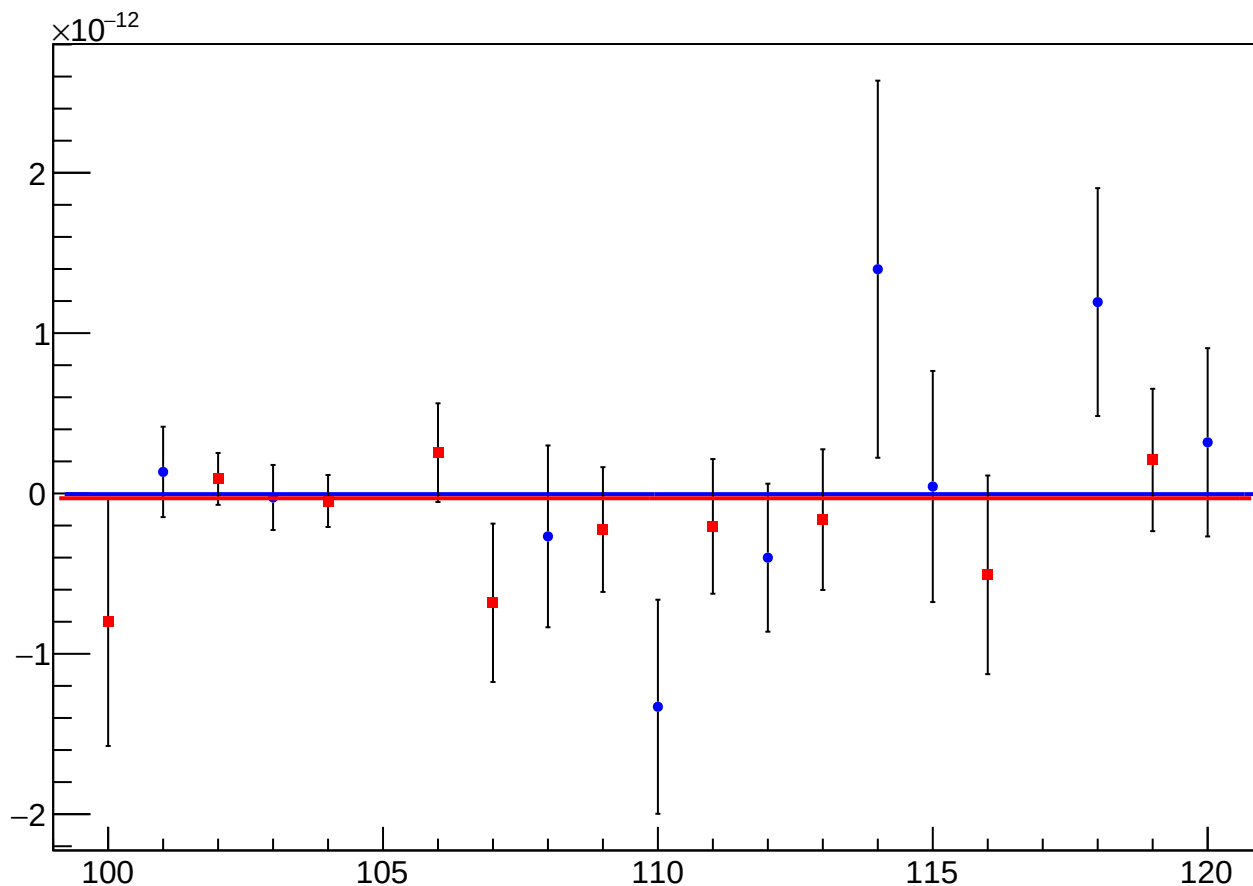
Right: 277.119+/-0.078 χ^2/NDF : 1702138.7/18

In: 289.799+/-0.114 χ^2/NDF :653747.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 277.119+/-0.078 χ^2/NDF : 1702138.7/18

asym_at2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

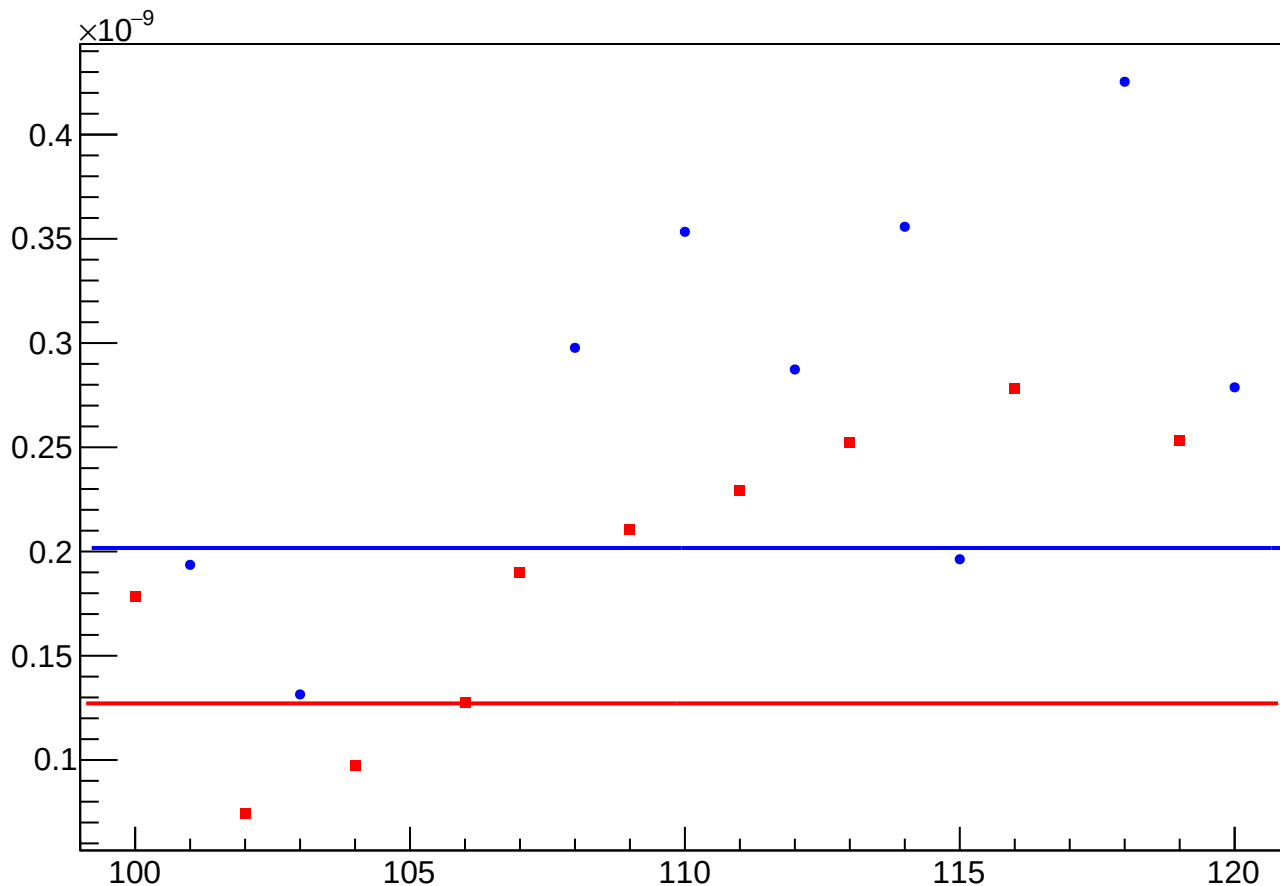
Right: -0.000+/-0.000 χ^2/NDF : 15.3/18

In: -0.000+/-0.000 χ^2/NDF :9.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.3/18

asym_at2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 737932.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 973383.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

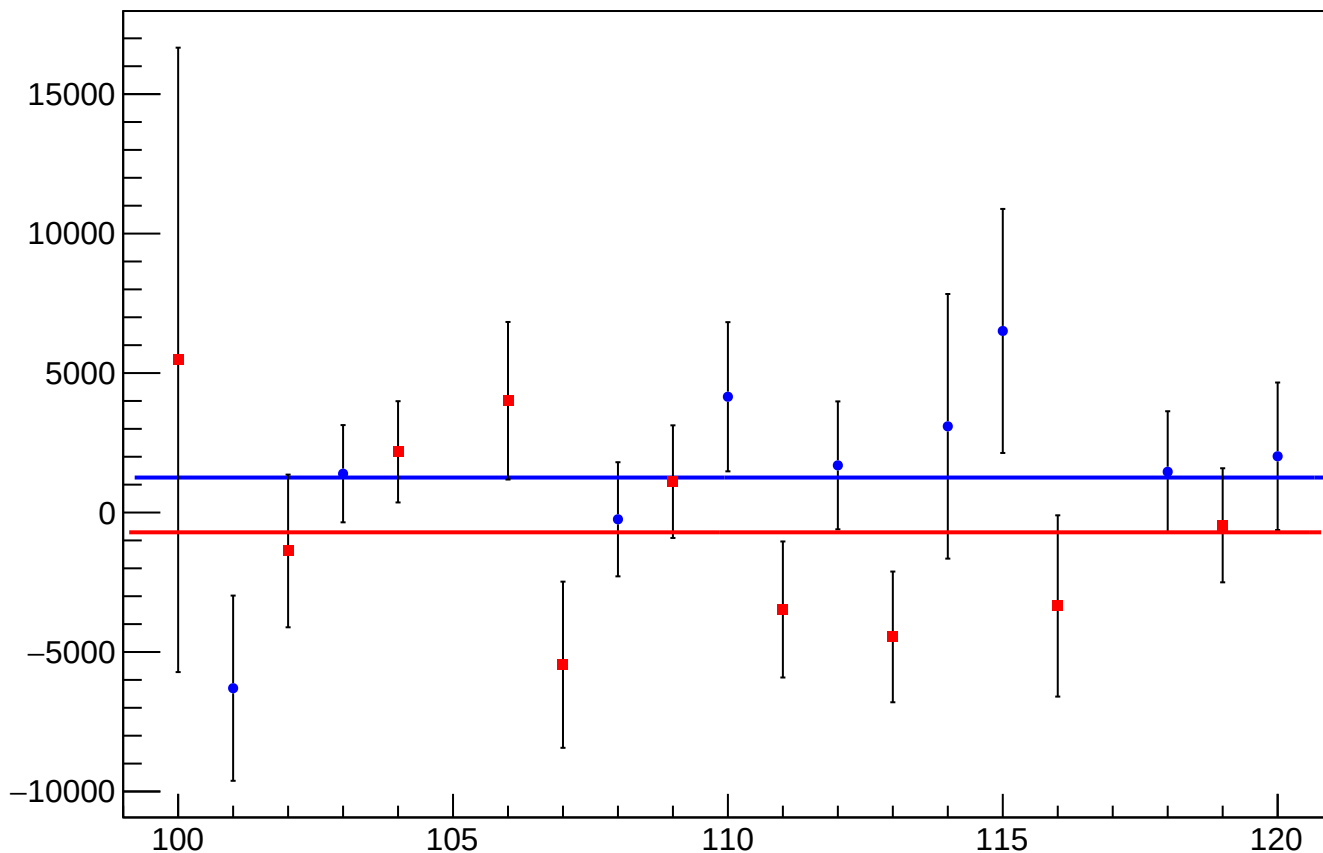
Right: 0.000+/-0.000 χ^2/NDF : 2125292.5/18

In: 0.000+/-0.000 χ^2/NDF : 737932.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2125292.5/18

reg_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1254.494+/-833.077 χ^2/NDF : 8.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -709.118+/-787.464 χ^2/NDF : 13.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

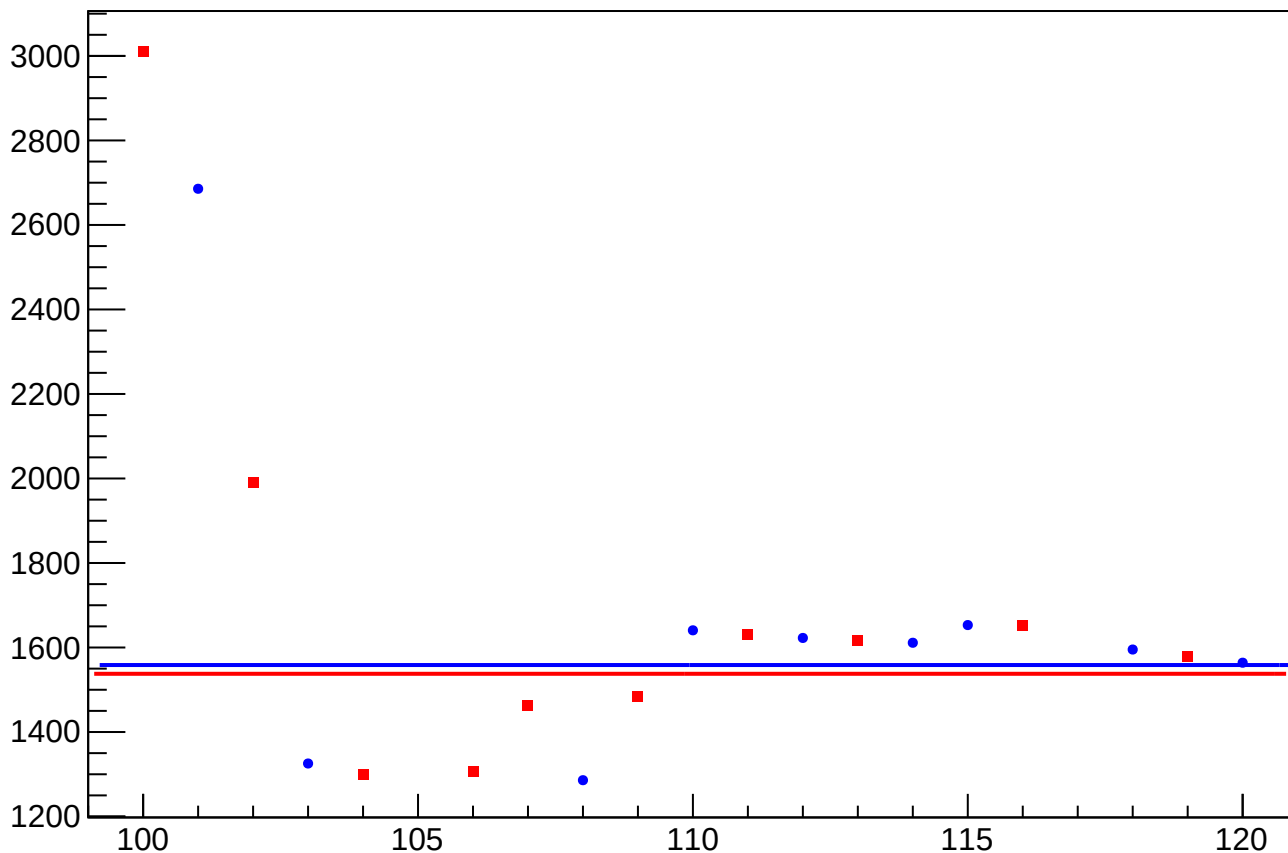
Right: 217.462+/-572.267 χ^2/NDF : 25.1/18

In: 1254.494+/-833.077 χ^2/NDF : 8.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 217.462+/-572.267 χ^2/NDF : 25.1/18

reg_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1558.525+/-0.589 χ^2/NDF : 306987.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1537.784+/-0.557 χ^2/NDF : 147873.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

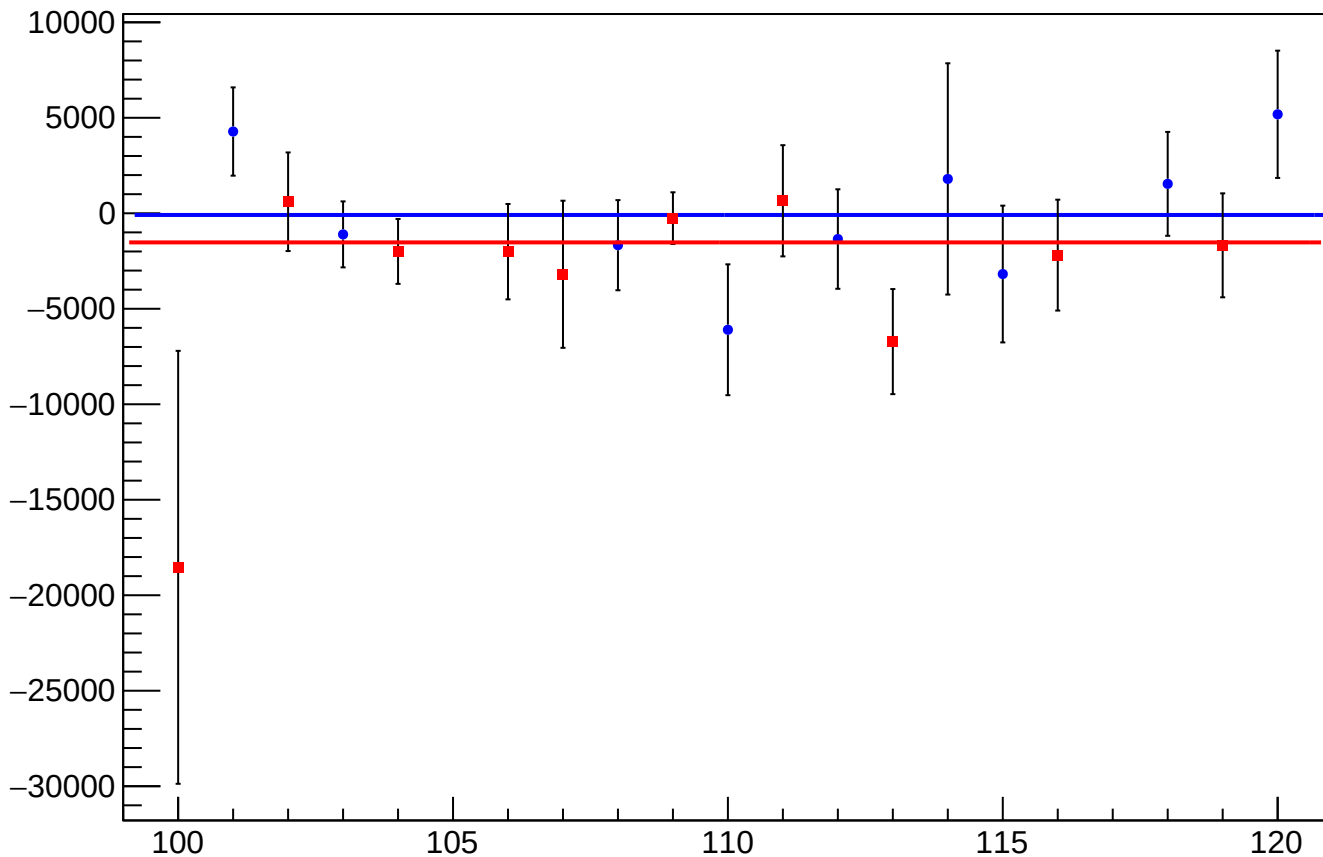
Right: 1547.571+/-0.405 χ^2/NDF : 455515.5/18

In: 1558.525+/-0.589 χ^2/NDF :306987.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1547.571+/-0.405 χ^2/NDF : 455515.5/18

asym_at2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -88.013+/-889.166 χ^2/NDF : 11.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1524.984+/-748.938 χ^2/NDF : 8.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

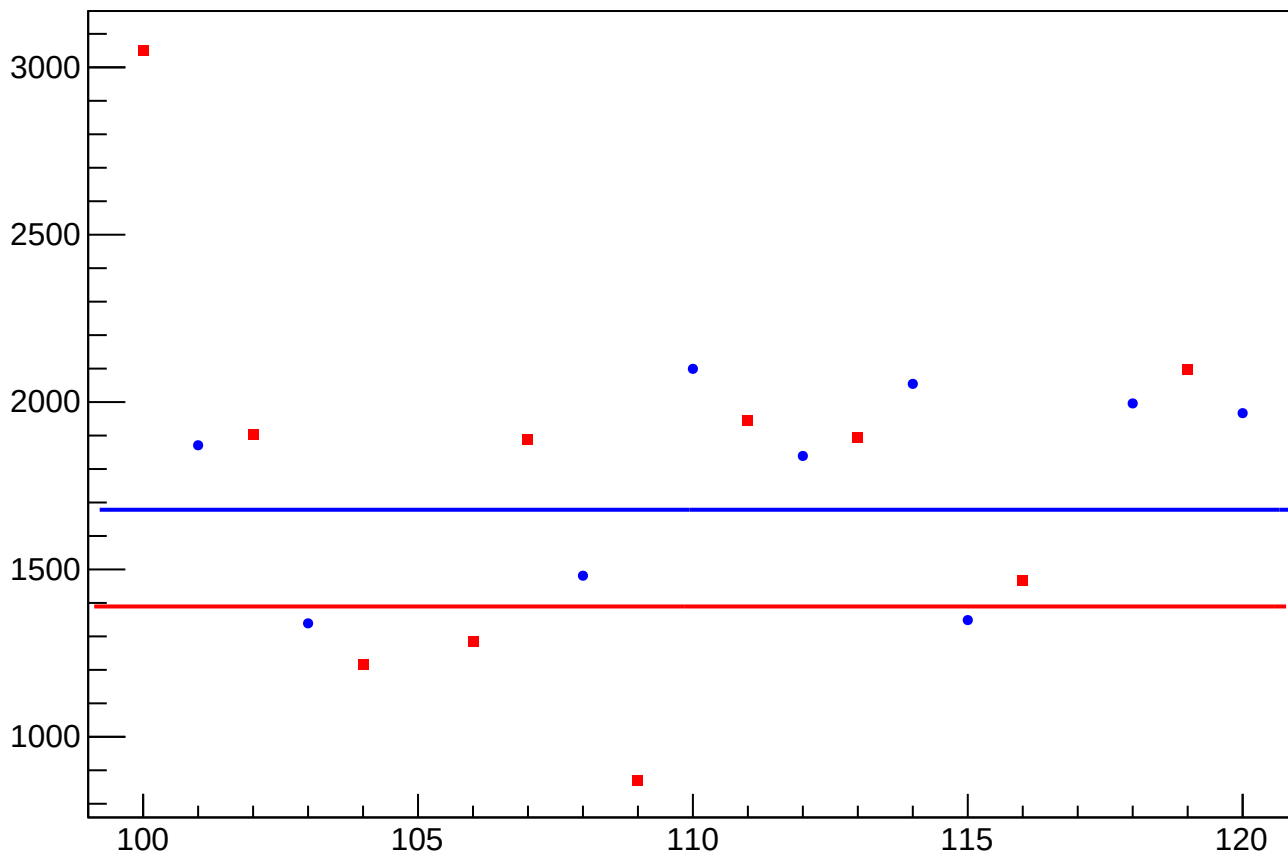
Right: -928.614+/-572.818 χ^2/NDF : 21.2/18

In: -88.013+/-889.166 χ^2/NDF :11.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -928.614+/-572.818 χ^2/NDF : 21.2/18

asym_at2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1678.337+/-0.629 χ^2/NDF : 209749.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1389.401+/-0.530 χ^2/NDF : 752961.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

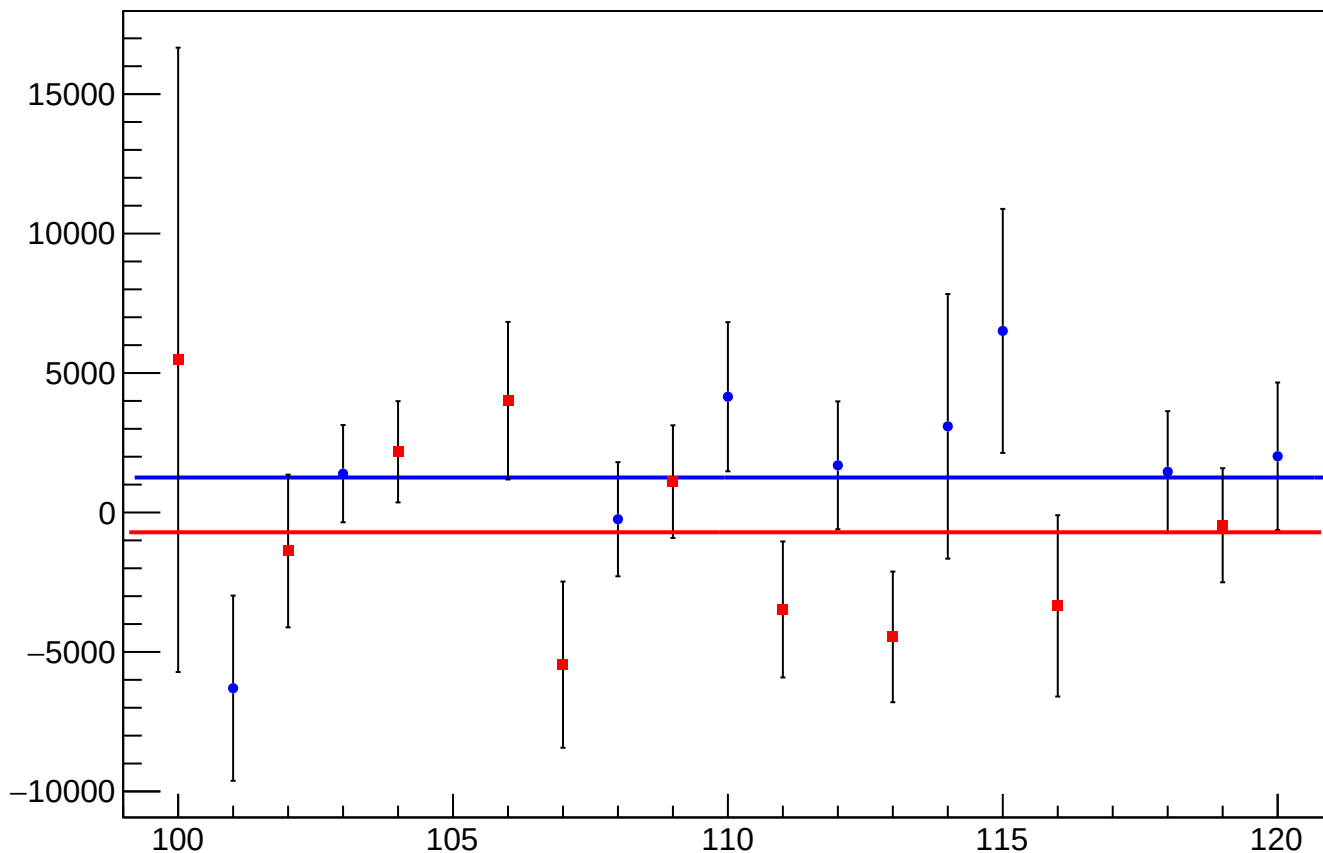
Right: 1509.315+/-0.405 χ^2/NDF : 1086251.0/18

In: 1678.337+/-0.629 χ^2/NDF : 209749.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1509.315+/-0.405 χ^2/NDF : 1086251.0/18

cor_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1254.333+/-833.078 χ^2/NDF : 8.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -709.506+/-787.464 χ^2/NDF : 13.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

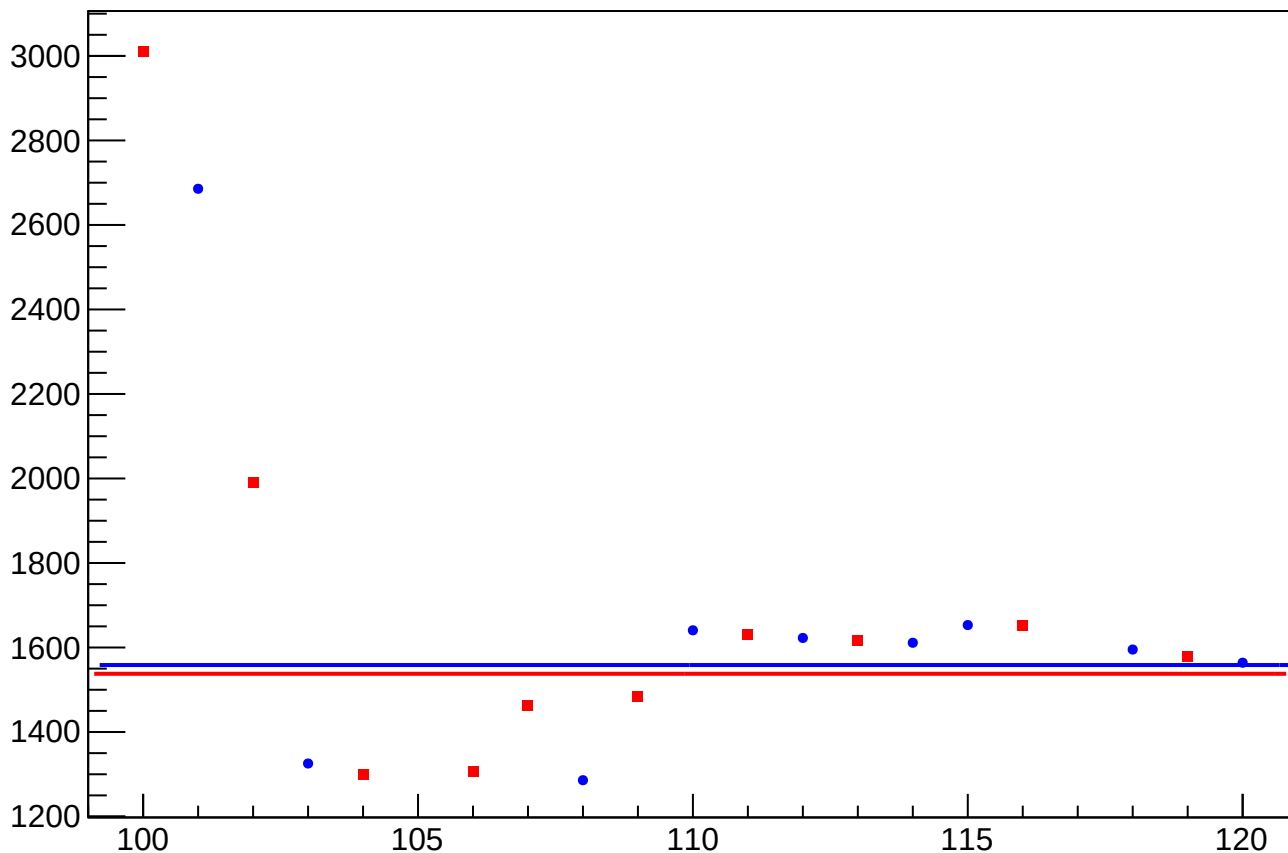
Right: 217.181+/-572.267 χ^2/NDF : 25.1/18

In: 1254.333+/-833.078 χ^2/NDF : 8.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 217.181+/-572.267 χ^2/NDF : 25.1/18

cor_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1558.525+/-0.589 χ^2/NDF : 306987.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1537.783+/-0.557 χ^2/NDF : 147872.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

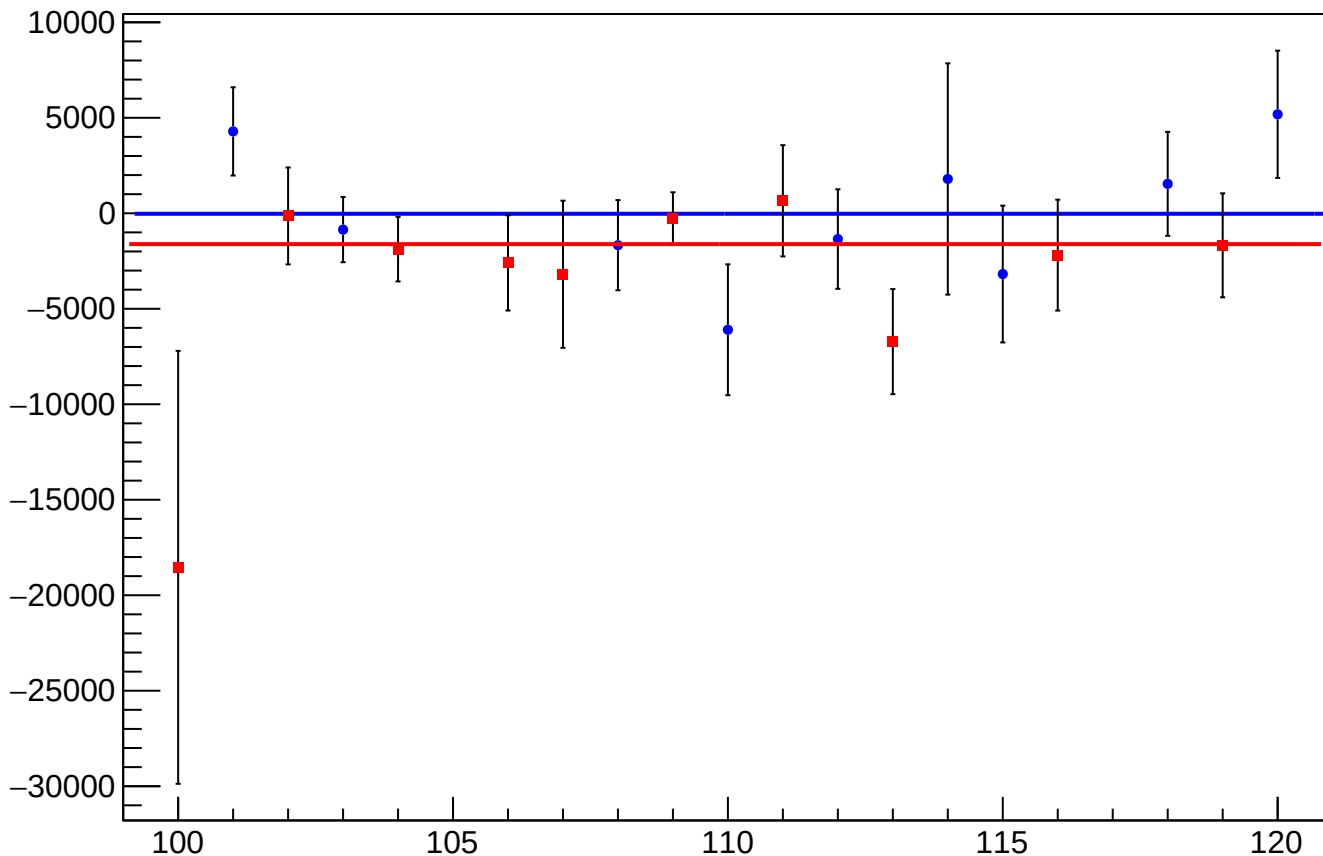
Right: 1547.571+/-0.405 χ^2/NDF : 455515.4/18

In: 1558.525+/-0.589 χ^2/NDF : 306987.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1547.571+/-0.405 χ^2/NDF : 455515.4/18

asym_at2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -25.975+/-886.190 χ^2/NDF : 11.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1614.458+/-747.071 χ^2/NDF : 8.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

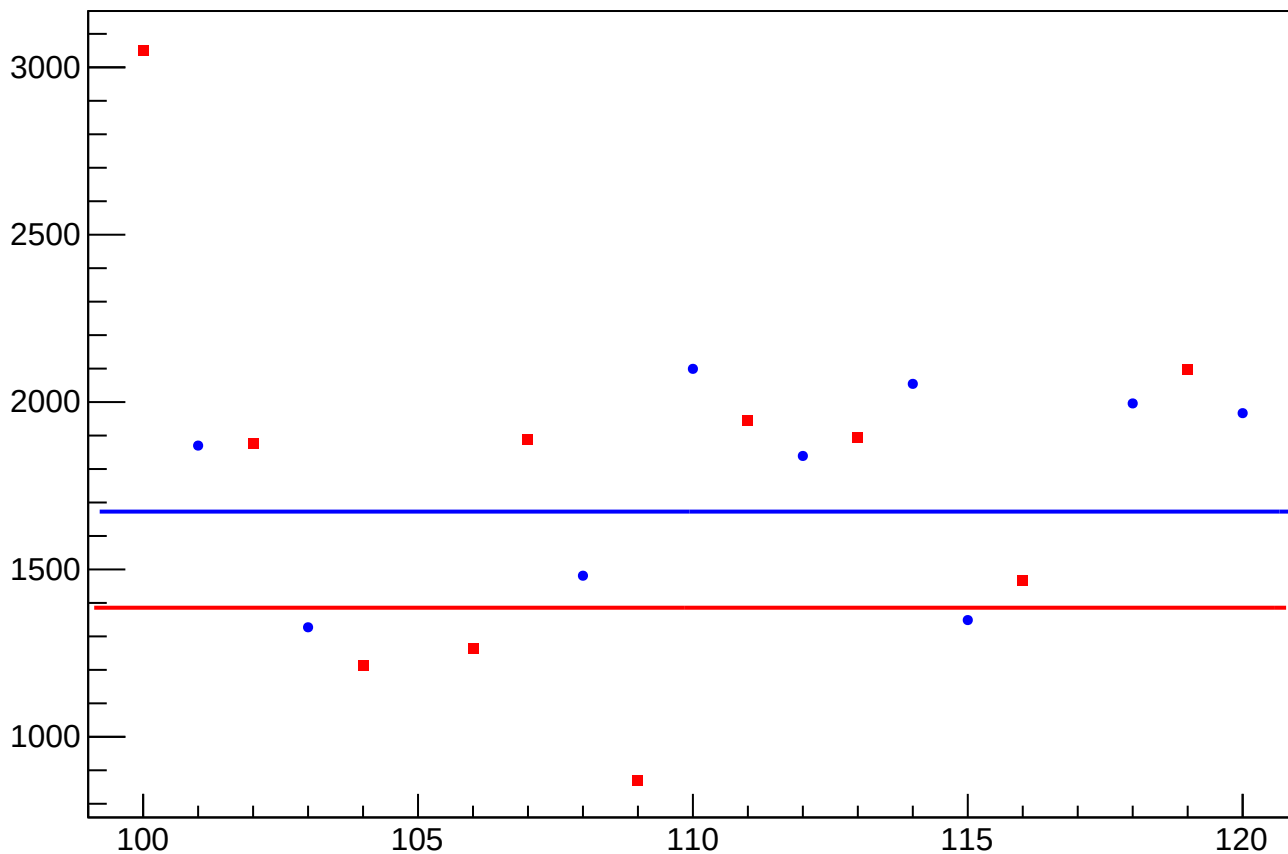
Right: -954.547+/-571.187 χ^2/NDF : 21.2/18

In: -25.975+/-886.190 χ^2/NDF :11.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -954.547+/-571.187 χ^2/NDF : 21.2/18

asym_at2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1672.826+/-0.627 χ^2/NDF : 217048.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1385.681+/-0.528 χ^2/NDF : 748914.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

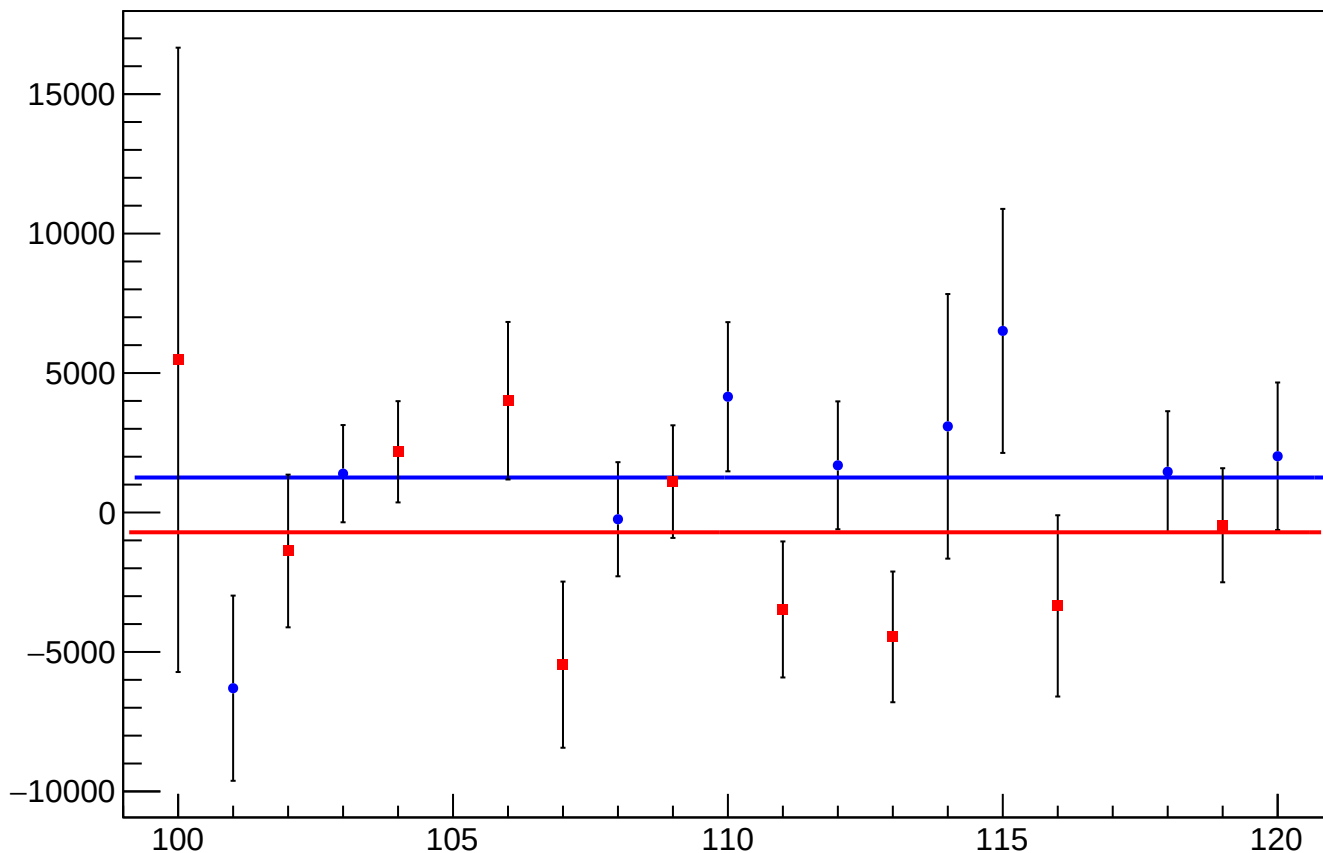
Right: 1504.971+/-0.404 χ^2/NDF : 1088709.4/18

In: 1672.826+/-0.627 χ^2/NDF : 217048.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1504.971+/-0.404 χ^2/NDF : 1088709.4/18

eigen_cor_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1254.333+/-833.078 χ^2/NDF : 8.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -799.506+/-787.464 χ^2/NDF : 13.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

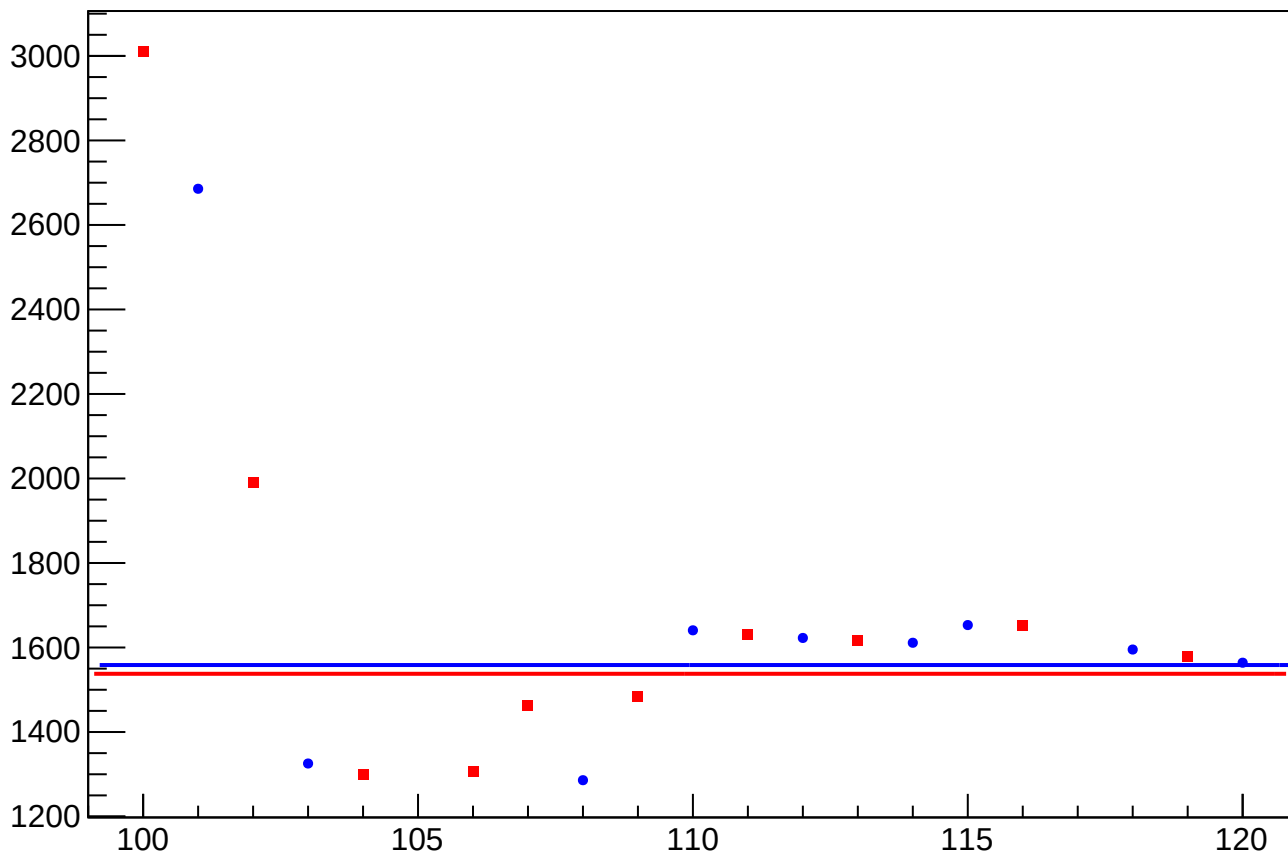
Right: 217.181+/-572.267 χ^2/NDF : 25.1/18

In: 1254.333+/-833.078 χ^2/NDF : 8.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 217.181+/-572.267 χ^2/NDF : 25.1/18

eigen_cor_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1558.525+/-0.589 χ^2/NDF : 306987.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1537.783+/-0.557 χ^2/NDF : 147872.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

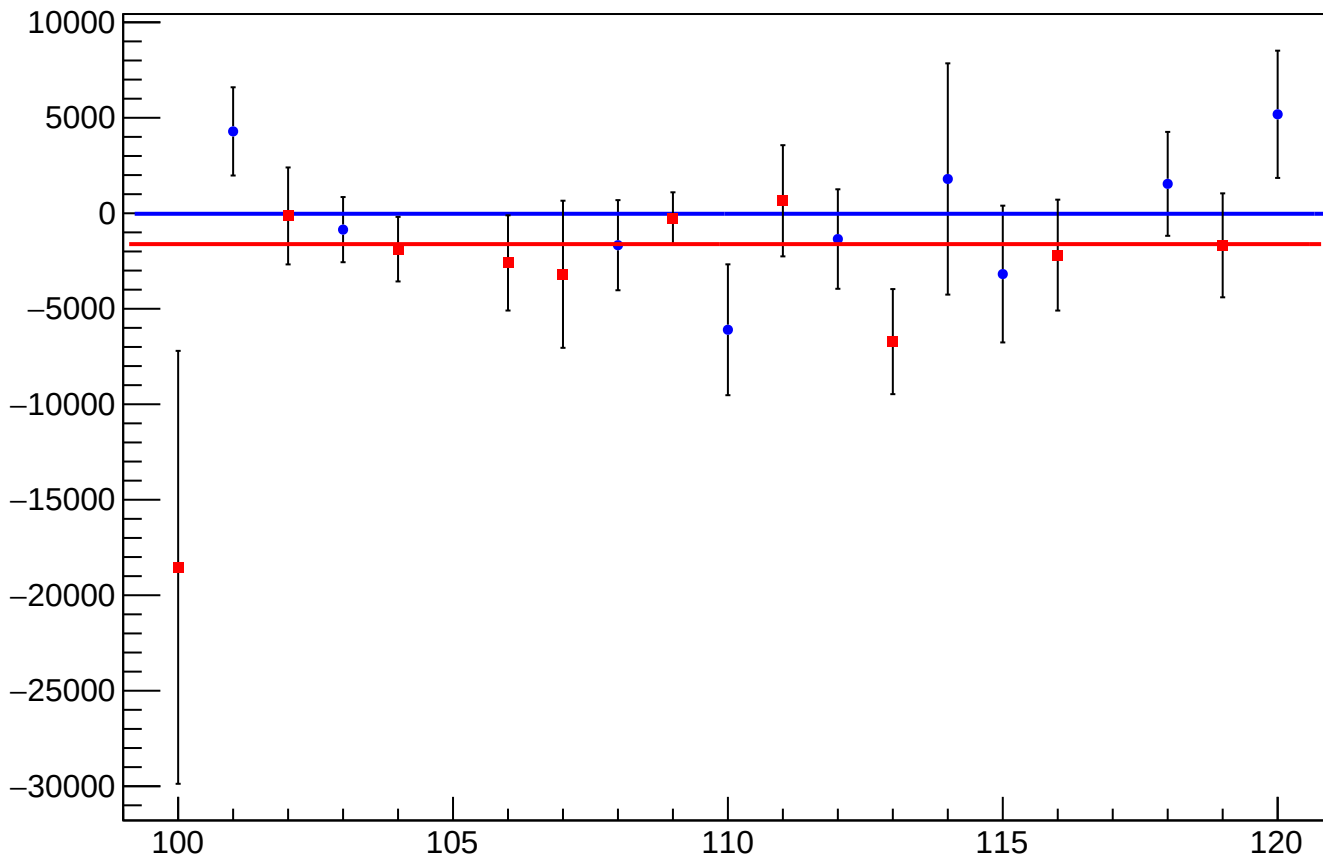
Right: 1547.571+/-0.405 χ^2/NDF : 455515.4/18

In: 1558.525+/-0.589 χ^2/NDF : 306987.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1547.571+/-0.405 χ^2/NDF : 455515.4/18

asym_at2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -25.975+/-886.190 χ^2/NDF : 11.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1614.458+/-747.071 χ^2/NDF : 8.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

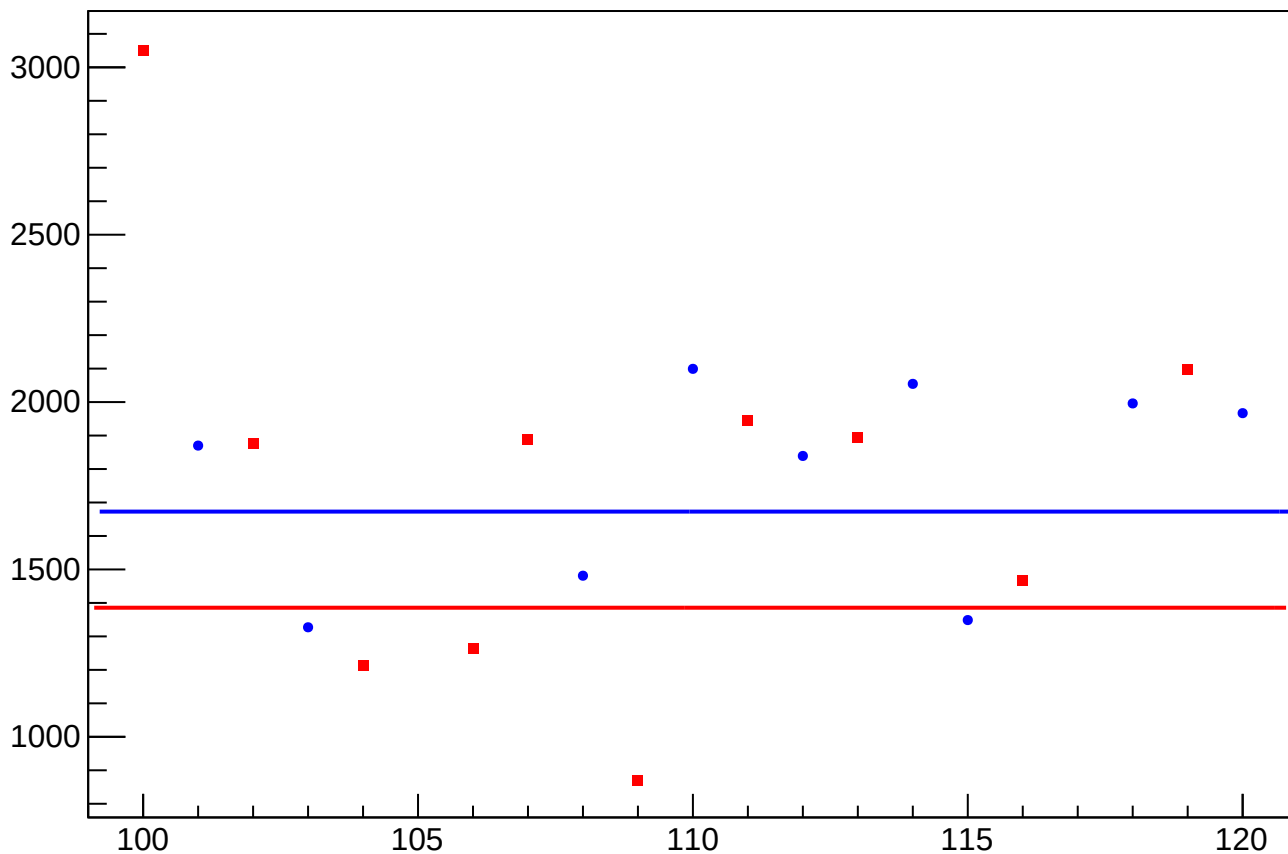
Right: -954.547+/-571.187 χ^2/NDF : 21.2/18

In: -25.975+/-886.190 χ^2/NDF : 11.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -954.547+/-571.187 χ^2/NDF : 21.2/18

asym_at2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1672.826+/-0.627 χ^2/NDF : 217048.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1385.681+/-0.528 χ^2/NDF : 748914.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

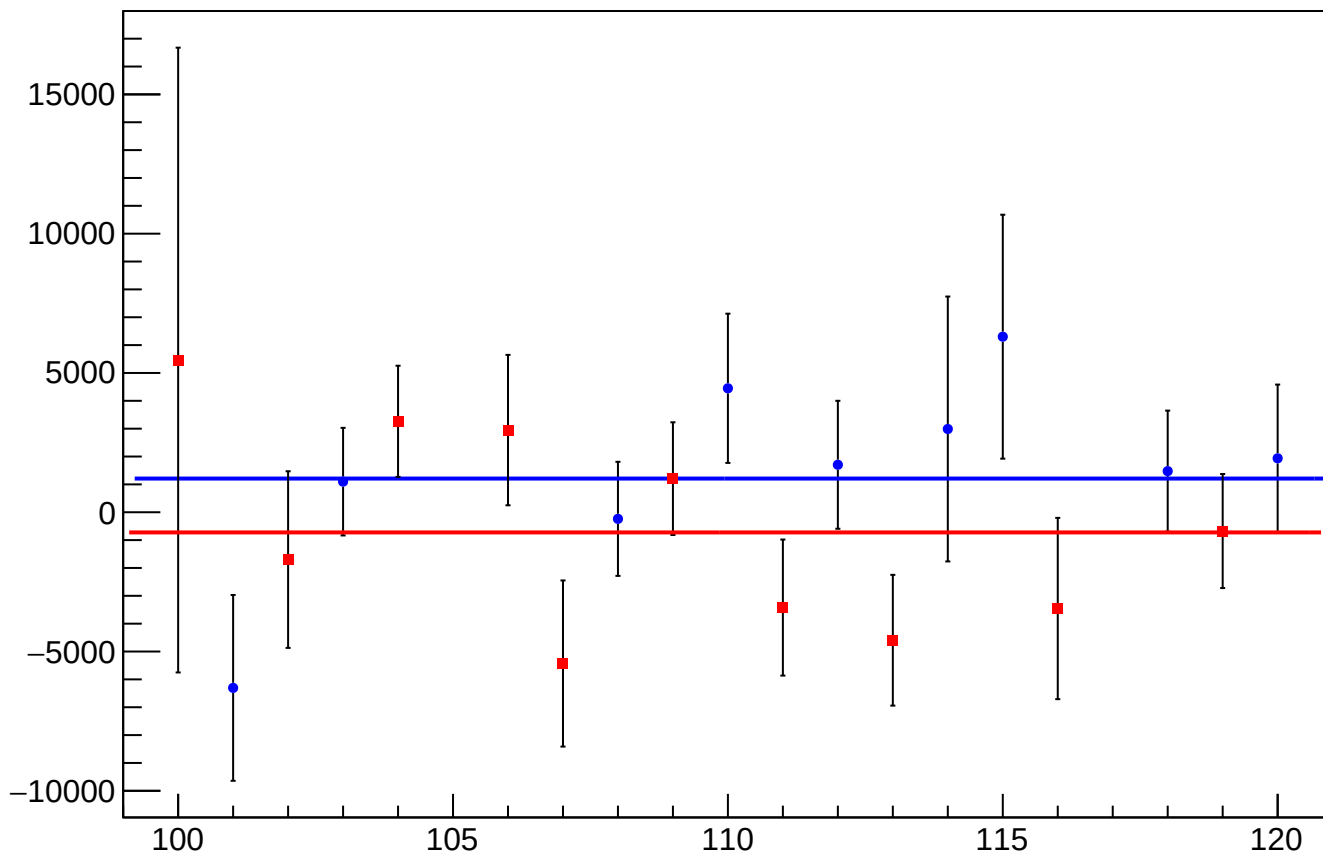
Right: 1504.971+/-0.404 χ^2/NDF : 1088709.4/18

In: 1672.826+/-0.627 χ^2/NDF : 217048.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1504.971+/-0.404 χ^2/NDF : 1088709.4/18

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1209.183+/-852.315 χ^2/NDF : 8.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -724.495+/-807.113 χ^2/NDF : 14.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

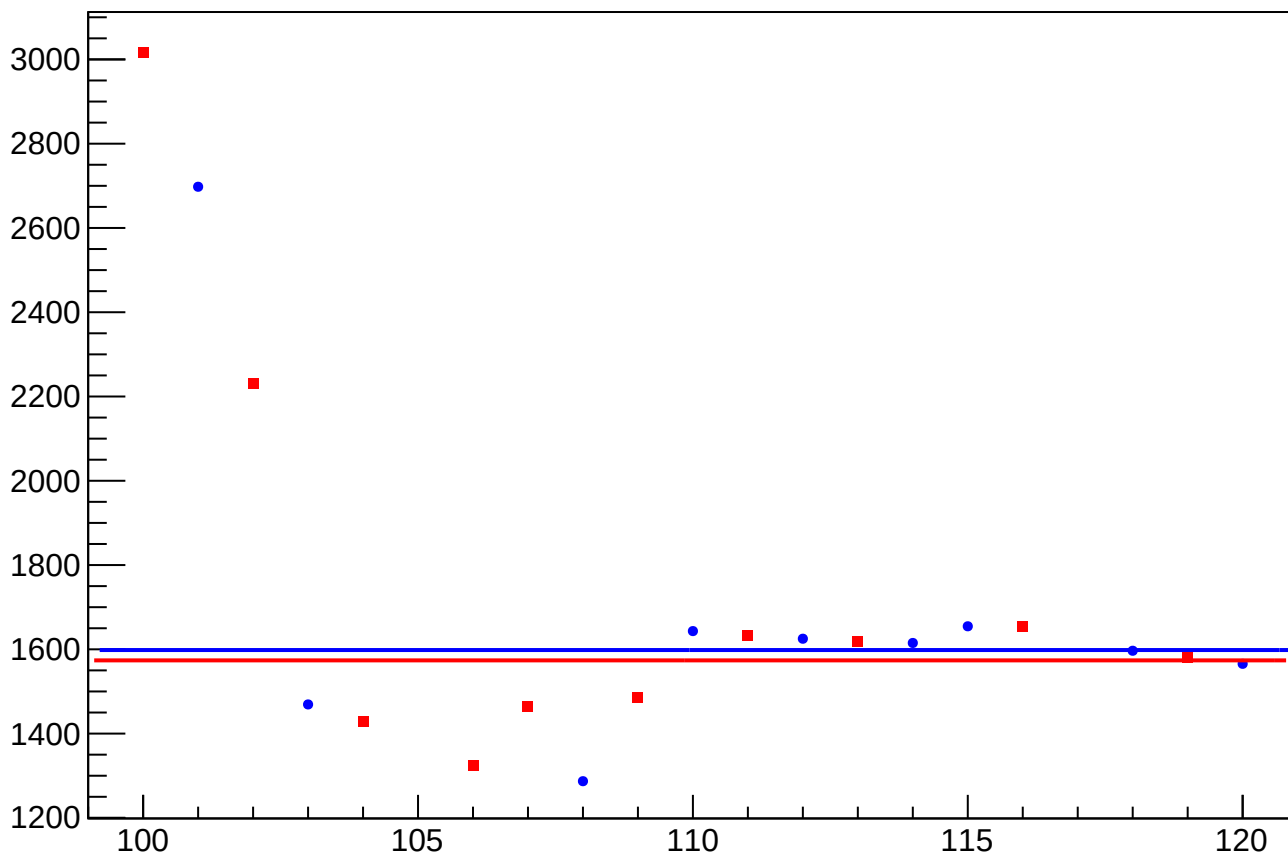
Right: 189.710+/-586.044 χ^2/NDF : 25.7/18

In: 1209.183+/-852.315 χ^2/NDF : 8.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 189.710+/-586.044 χ^2/NDF : 25.7/18

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1598.304+/-0.603 χ^2/NDF : 273976.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1573.769+/-0.571 χ^2/NDF : 155767.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

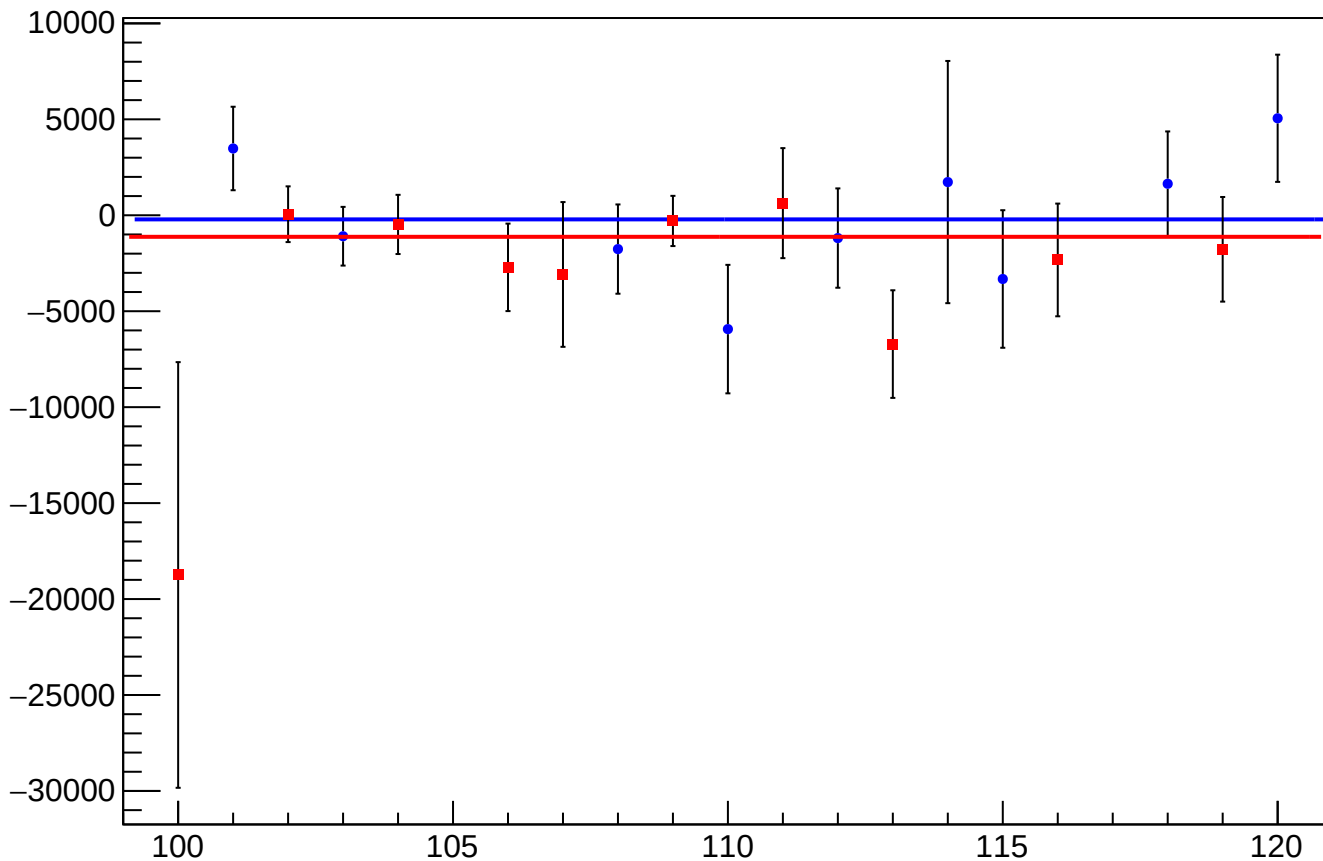
Right: 1585.369+/-0.414 χ^2/NDF : 430617.8/18

In: 1598.304+/-0.603 χ^2/NDF : 273976.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1585.369+/-0.414 χ^2/NDF : 430617.8/18

asym_at2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -214.631+/-848.115 χ^2/NDF : 10.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1122.779+/-666.837 χ^2/NDF : 9.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

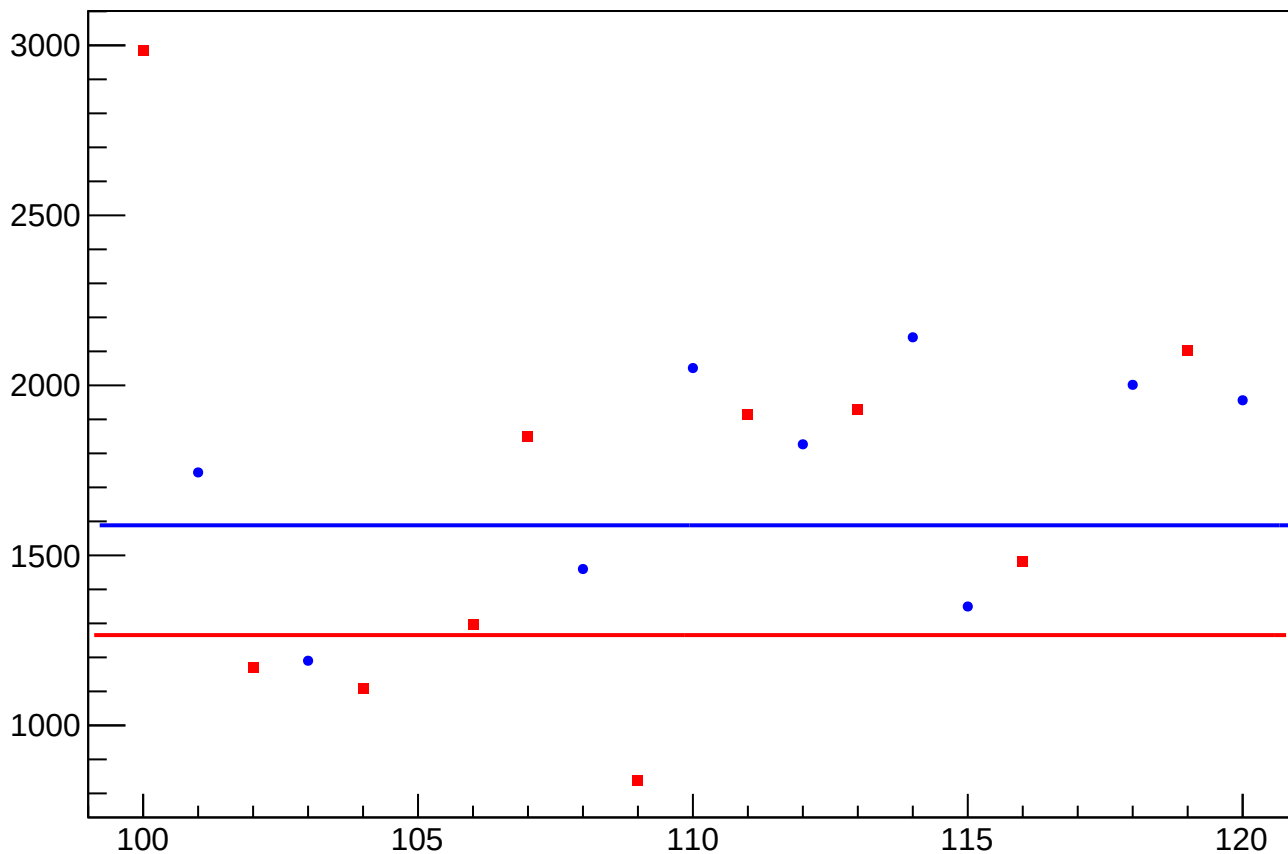
Right: -775.839+/-524.208 χ^2/NDF : 20.3/18

In: -214.631+/-848.115 χ^2/NDF : 10.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -775.839+/-524.208 χ^2/NDF : 20.3/18

asym_at2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1588.460+/-0.600 χ^2/NDF : 301730.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1265.590+/-0.472 χ^2/NDF : 753039.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

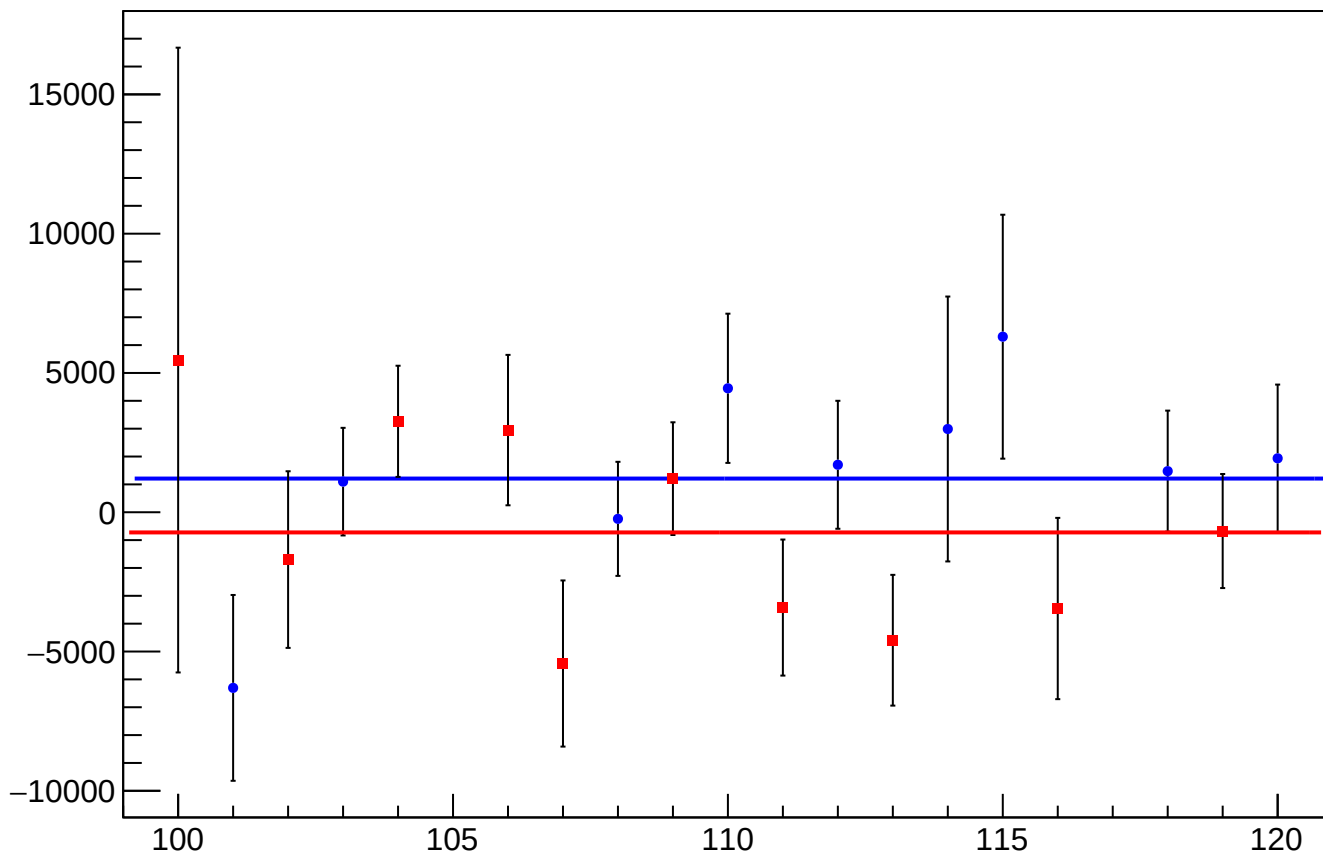
Right: 1388.936+/-0.371 χ^2/NDF : 1233889.9/18

In: 1588.460+/-0.600 χ^2/NDF : 301730.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1388.936+/-0.371 χ^2/NDF : 1233889.9/18

eigen_dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1209.175+/-852.315 χ^2/NDF : 8.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -724.496+/-807.113 χ^2/NDF : 14.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

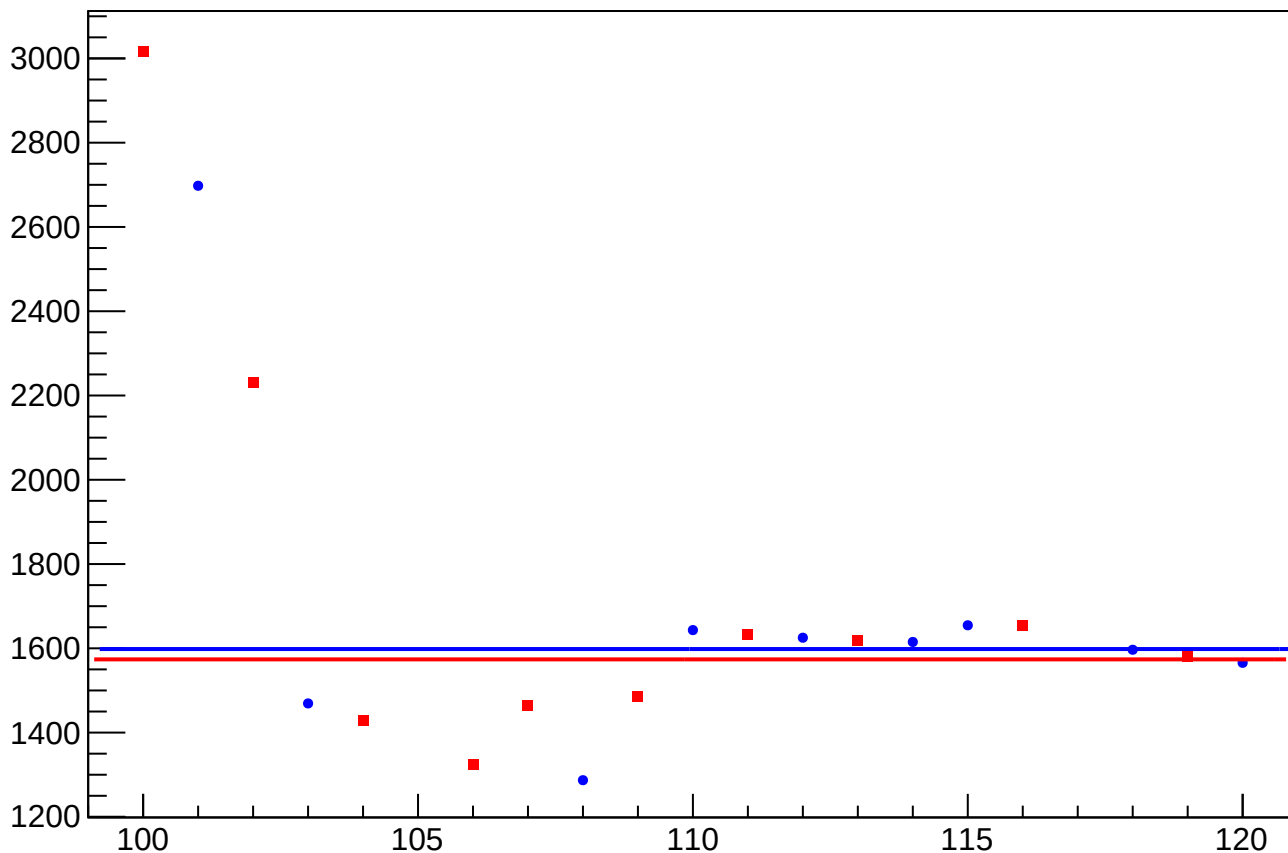
Right: 189.706+/-586.044 χ^2/NDF : 25.7/18

In: 1209.175+/-852.315 χ^2/NDF :8.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 189.706+/-586.044 χ^2/NDF : 25.7/18

eigen_dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1598.304+/-0.603 χ^2/NDF : 273976.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1573.769+/-0.571 χ^2/NDF : 155767.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

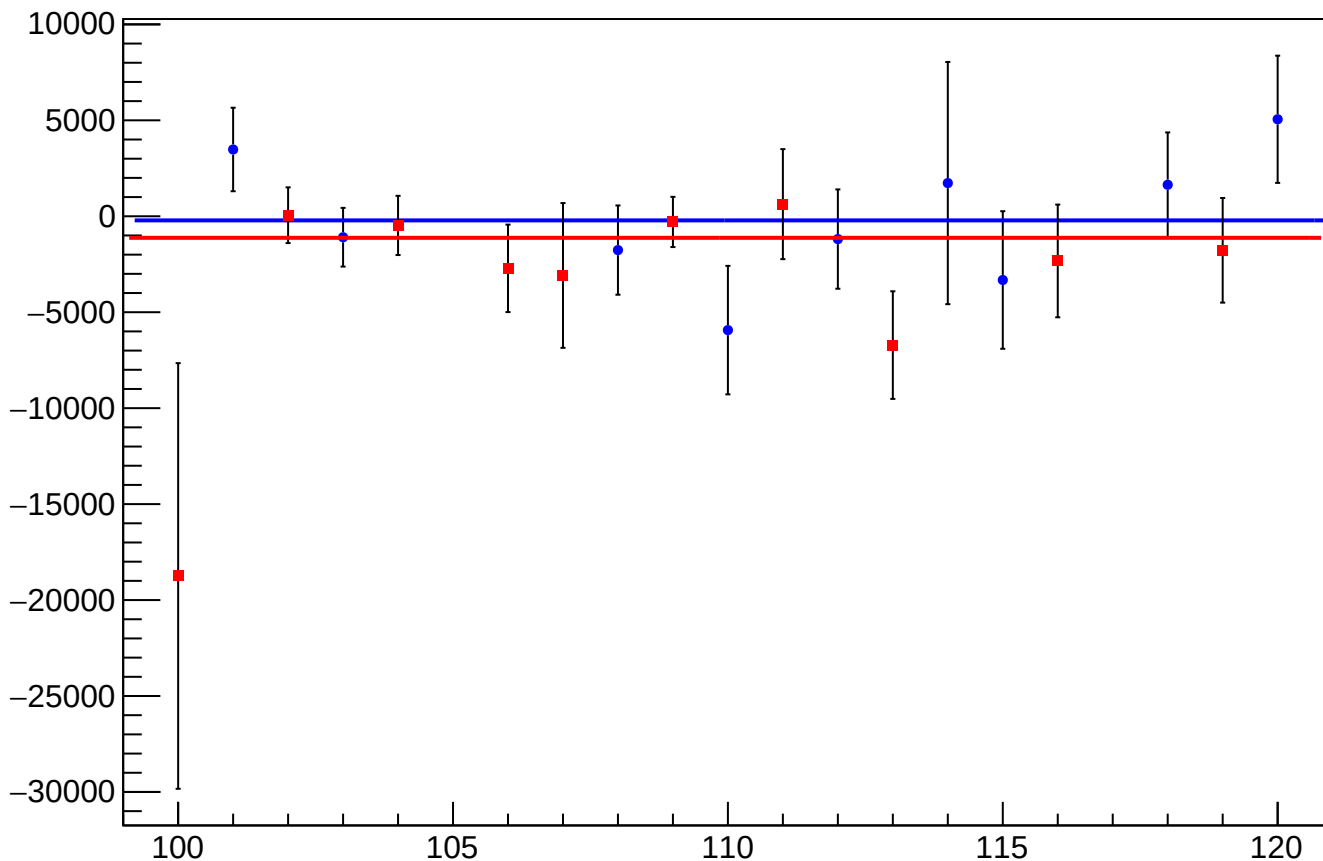
Right: 1585.369+/-0.414 χ^2/NDF : 430617.6/18

In: 1598.304+/-0.603 χ^2/NDF : 273976.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1585.369+/-0.414 χ^2/NDF : 430617.6/18

asym_at2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -214.633+/-848.114 χ^2/NDF : 10.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1122.783+/-666.839 χ^2/NDF : 9.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

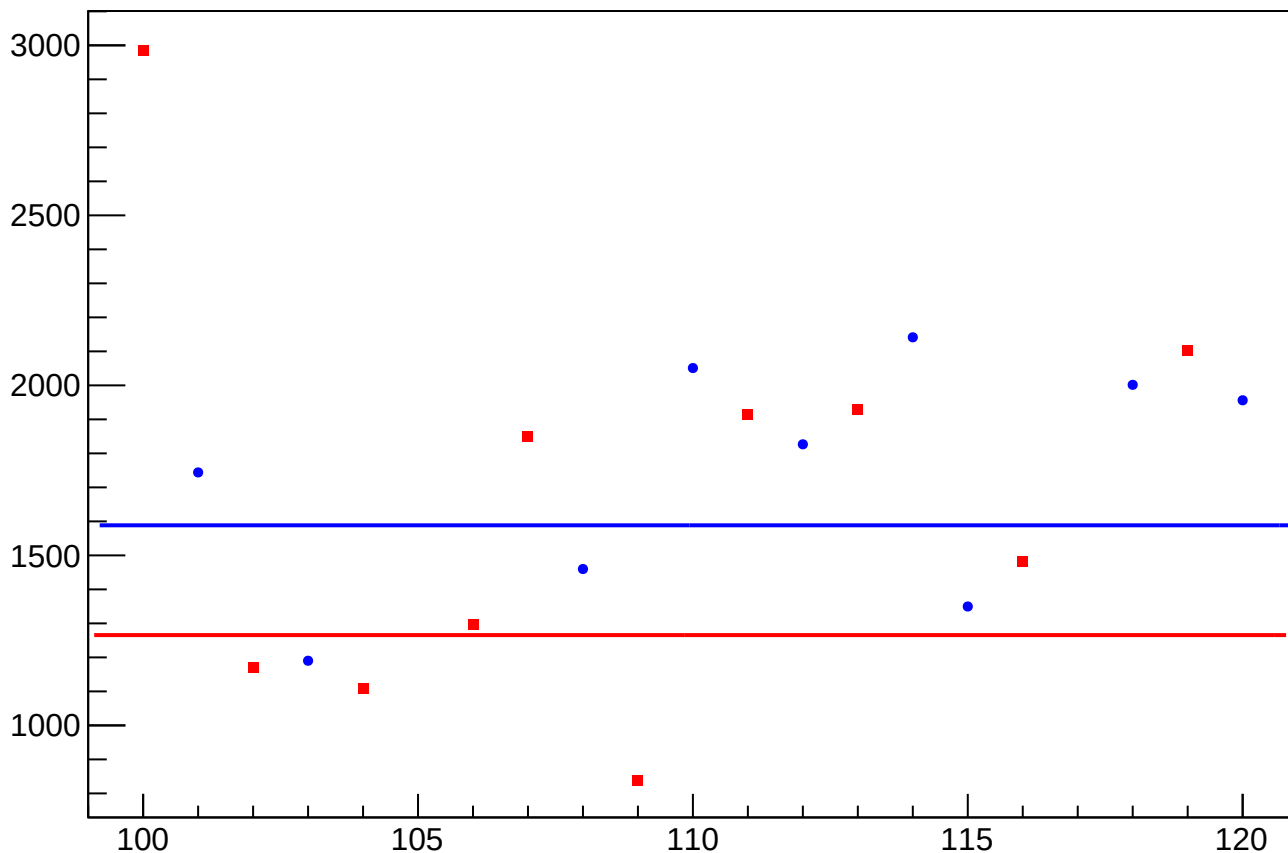
Right: -775.840+/-524.209 χ^2/NDF : 20.3/18

In: -214.633+/-848.114 χ^2/NDF : 10.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -775.840+/-524.209 χ^2/NDF : 20.3/18

asym_at2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1588.459+/-0.600 χ^2/NDF : 301726.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1265.596+/-0.472 χ^2/NDF : 753021.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

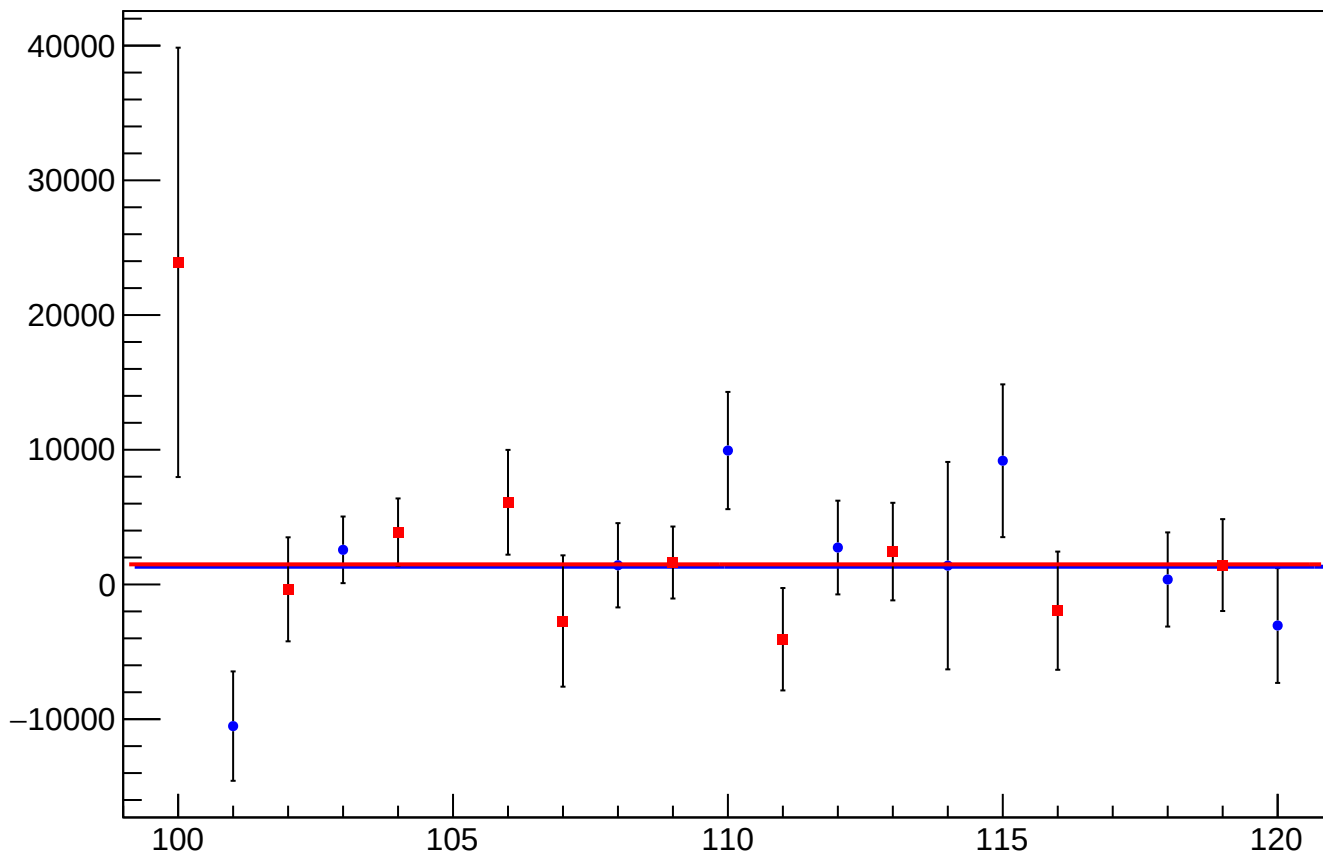
Right: 1388.940+/-0.371 χ^2/NDF : 1233860.0/18

In: 1588.459+/-0.600 χ^2/NDF : 301726.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1388.940+/-0.371 χ^2/NDF : 1233860.0/18

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1316.305+/-1243.473 χ^2 /NDF: 15.9/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1493.121+/-1144.587 χ^2 /NDF: 8.1/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

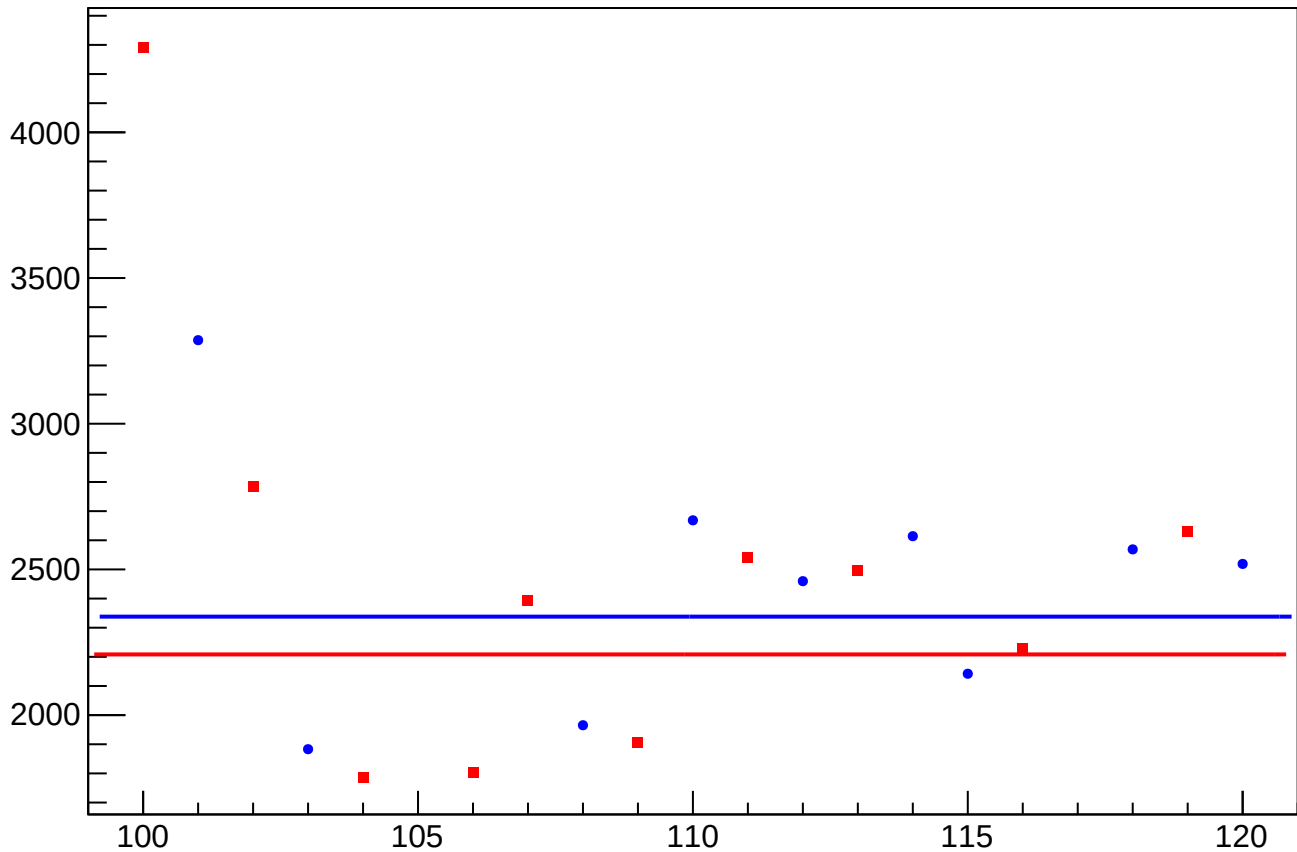
Right: 1412.022+/-842.137 χ^2 /NDF: 24.0/18

In: 1316.305+/-1243.473 χ^2 /NDF:15.9/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1412.022+/-842.137 χ^2 /NDF: 24.0/18

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2338.010+/-0.879 χ^2/NDF : 236547.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2208.322+/-0.809 χ^2/NDF : 244721.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

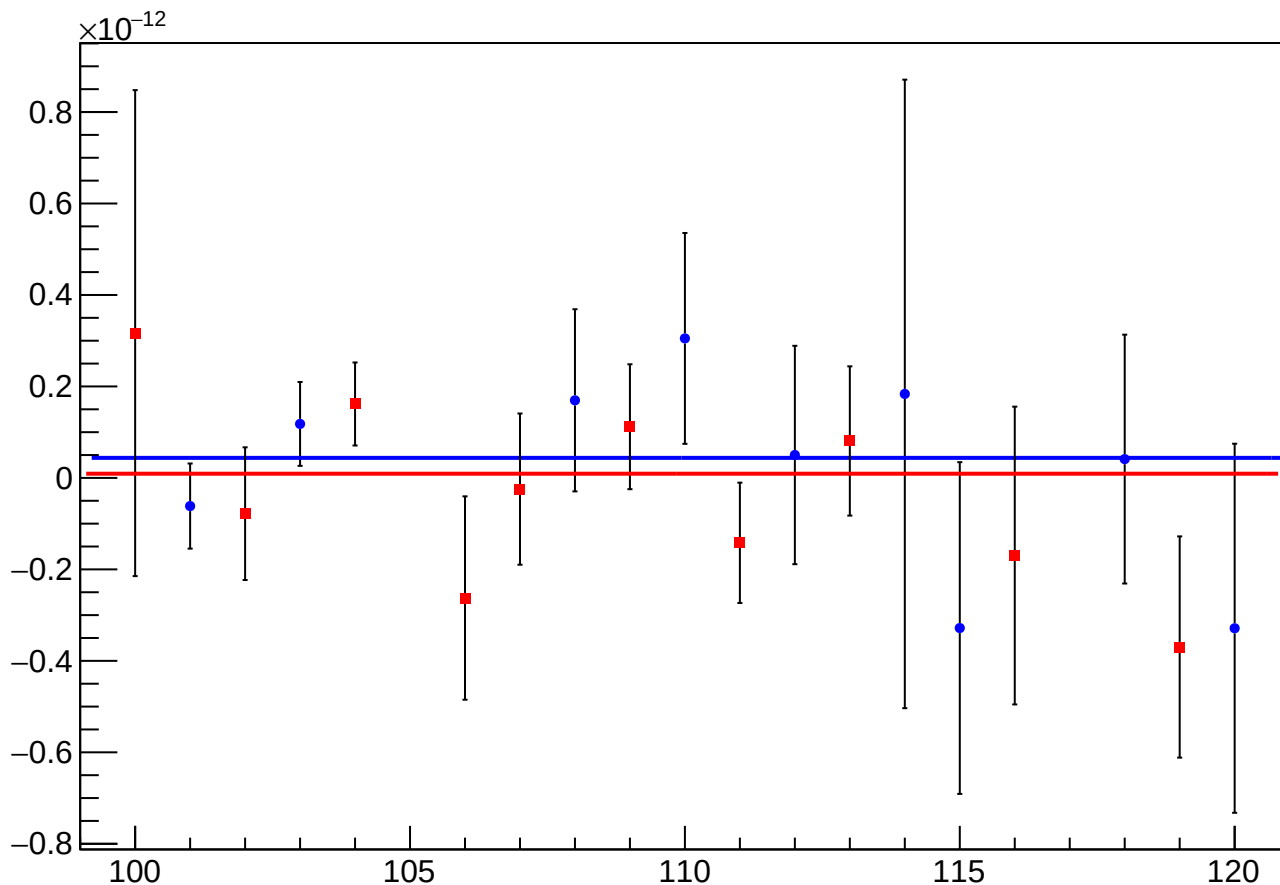
Right: 2267.804+/-0.595 χ^2/NDF : 493045.8/18

In: 2338.010+/-0.879 χ^2/NDF : 236547.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2267.804+/-0.595 χ^2/NDF : 493045.8/18

asym_at2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

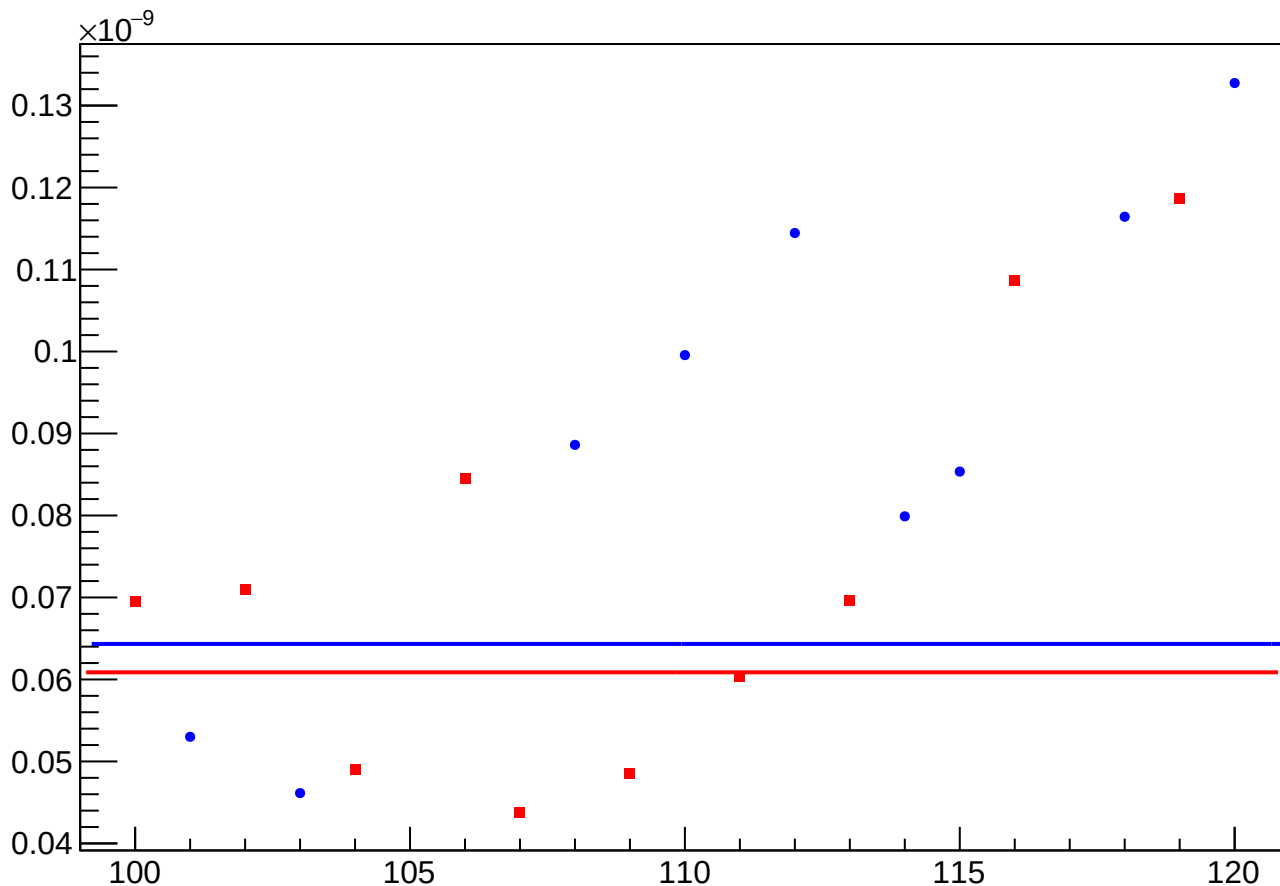
Right: 0.000+/-0.000 χ^2/NDF : 15.7/18

In: 0.000+/-0.000 χ^2/NDF : 5.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.7/18

asym_at2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 411597.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 268279.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

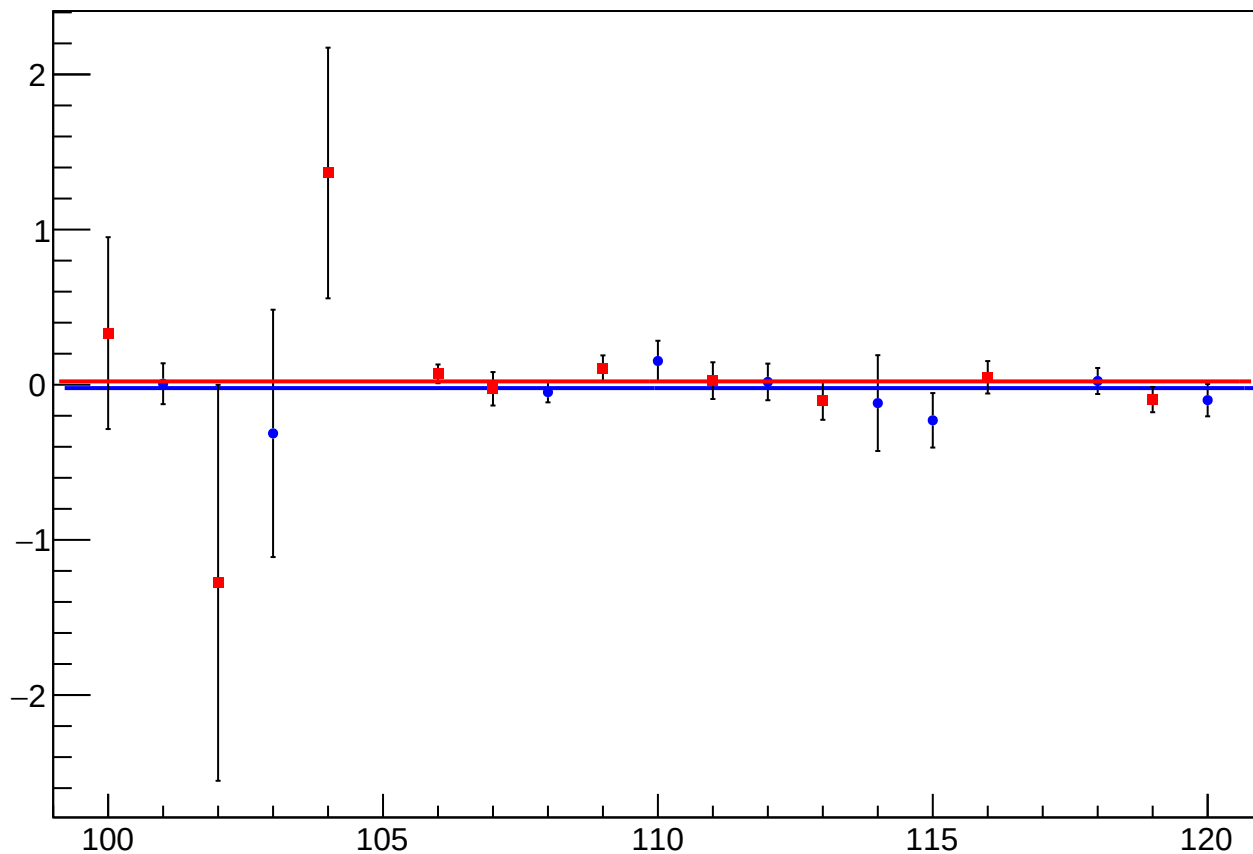
Right: 0.000+/-0.000 χ^2/NDF : 684199.5/18

In: 0.000+/-0.000 χ^2/NDF : 411597.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 684199.5/18

asym_at2_dd_dit_vs_Slug, Sign Corrected



Right In: -0.022+/-0.038 χ^2 /NDF: 4.6/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.021+/-0.034 χ^2 /NDF: 9.0/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

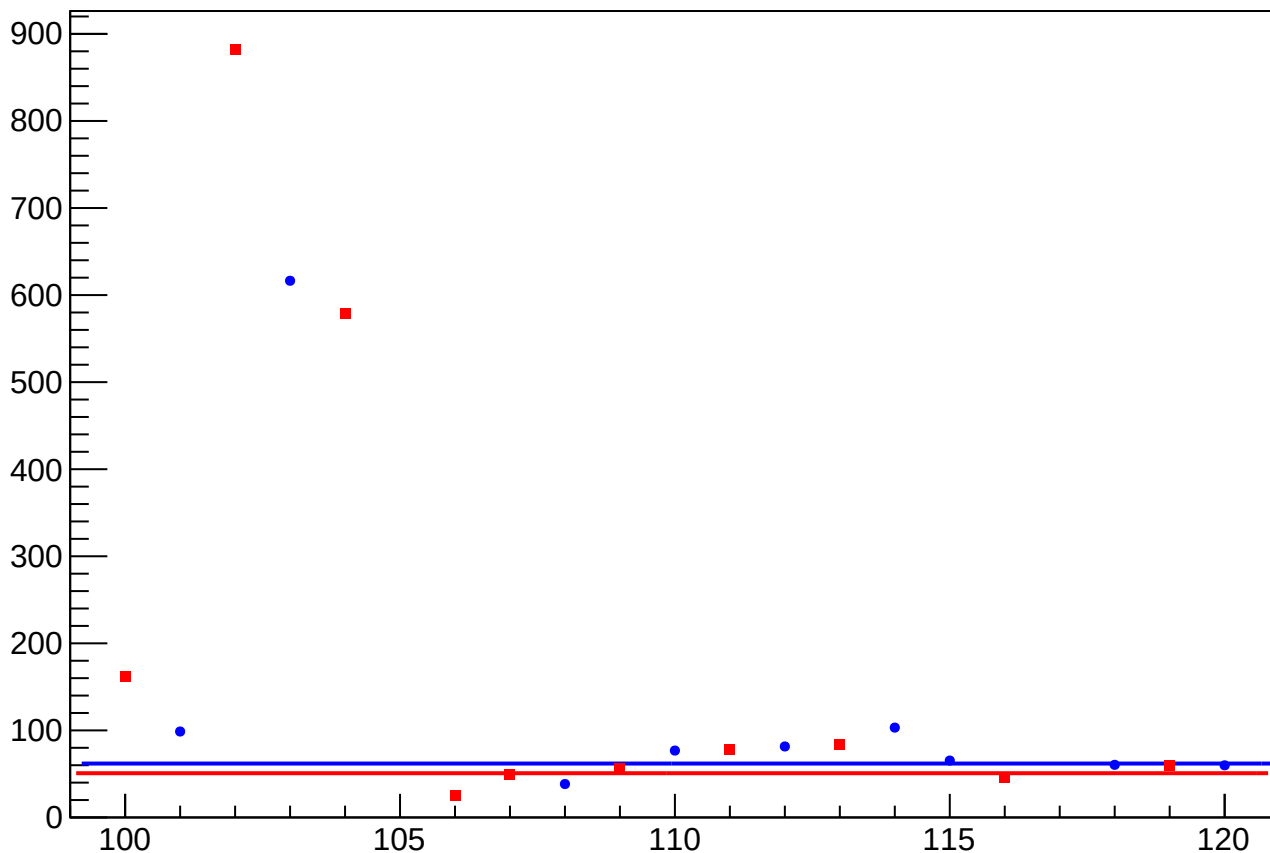
Right: 0.002+/-0.025 χ^2 /NDF: 14.3/18

In: -0.022+/-0.038 χ^2 /NDF:4.6/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.002+/-0.025 χ^2 /NDF: 14.3/18

asym_at2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.916+/-0.027 χ^2/NDF : 1498742.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.816+/-0.024 χ^2/NDF : 2416020.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

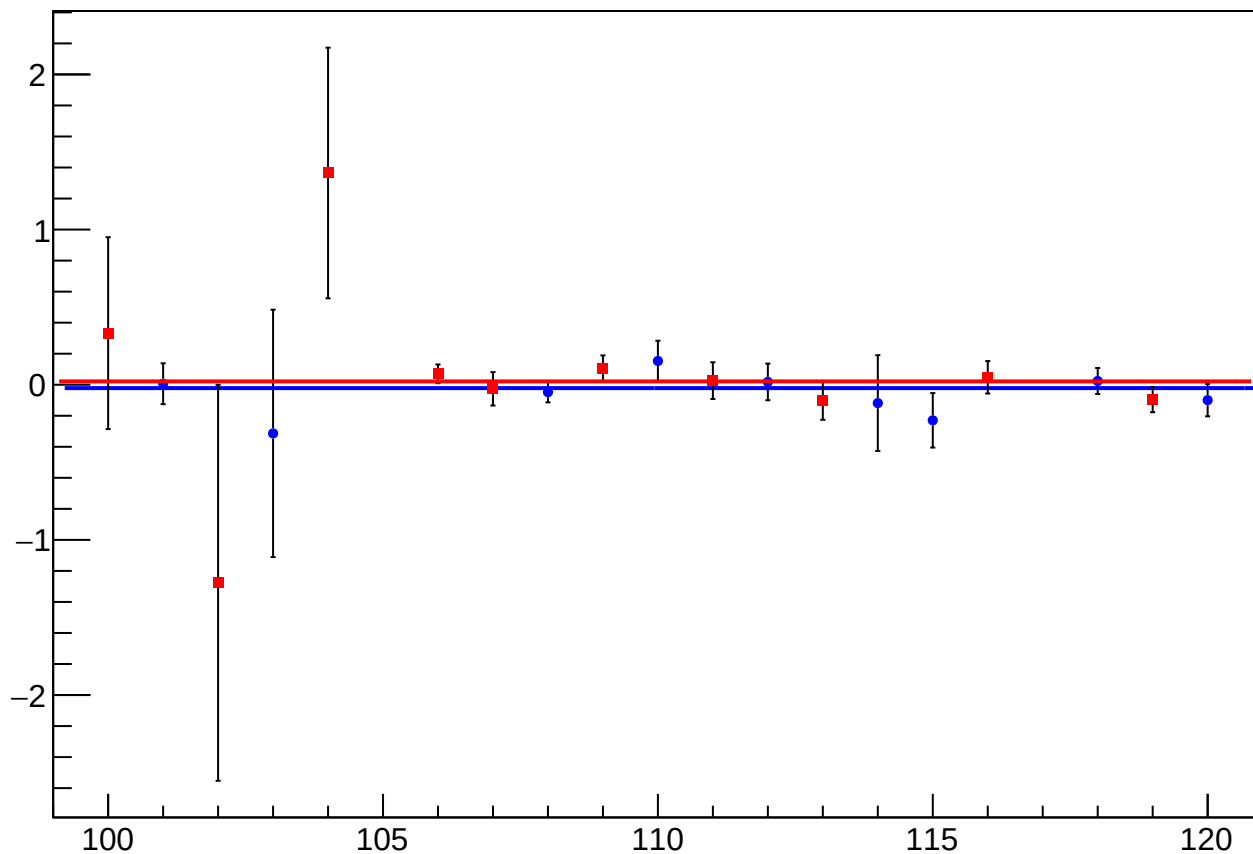
Right: 55.709+/-0.018 χ^2/NDF : 4010899.8/18

In: 61.916+/-0.027 χ^2/NDF : 1498742.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.709+/-0.018 χ^2/NDF : 4010899.8/18

asym_at2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022+/-0.038 χ^2/NDF : 4.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.021+/-0.034 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

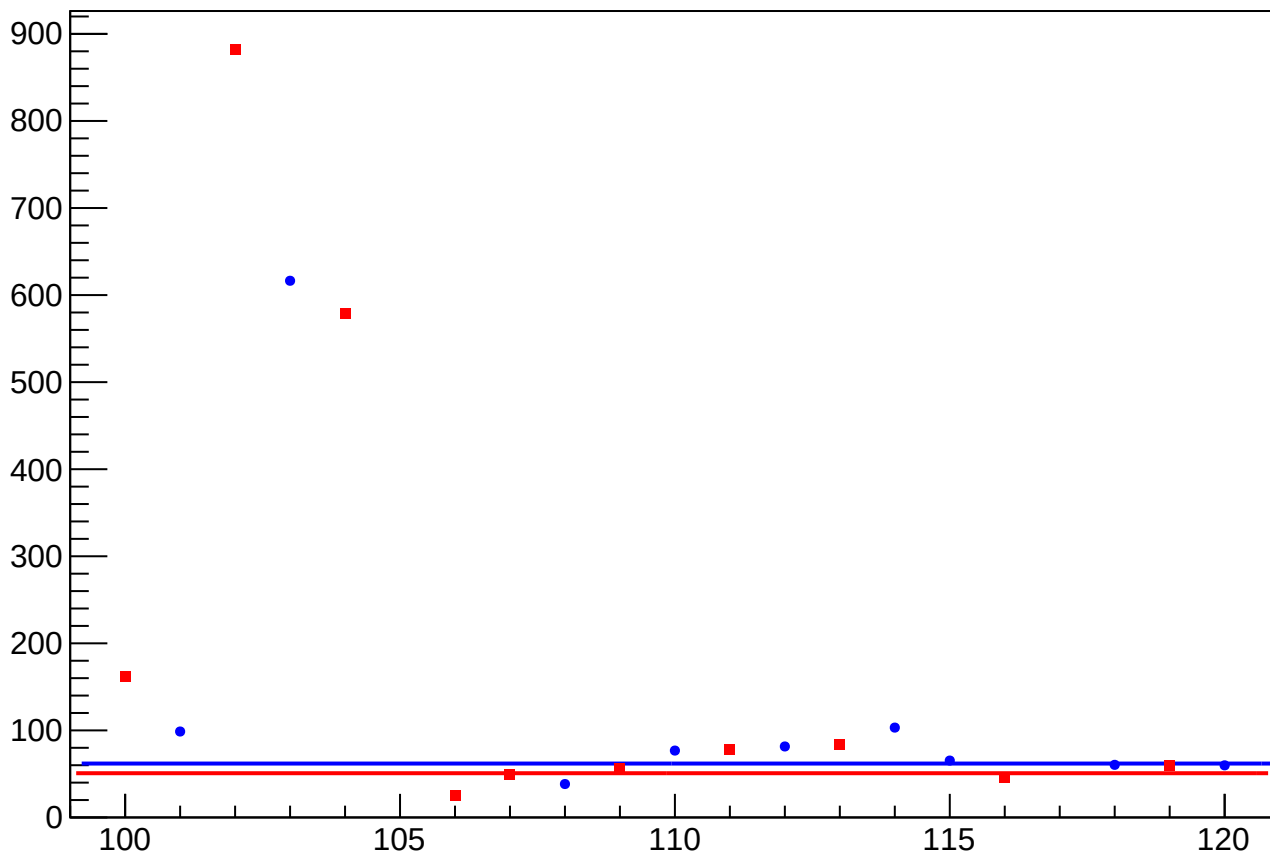
Right: 0.002+/-0.025 χ^2/NDF : 14.3/18

In: -0.022+/-0.038 χ^2/NDF :4.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.025 χ^2/NDF : 14.3/18

asym_at2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.916+/-0.027 χ^2/NDF : 1498742.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.816+/-0.024 χ^2/NDF : 2416020.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

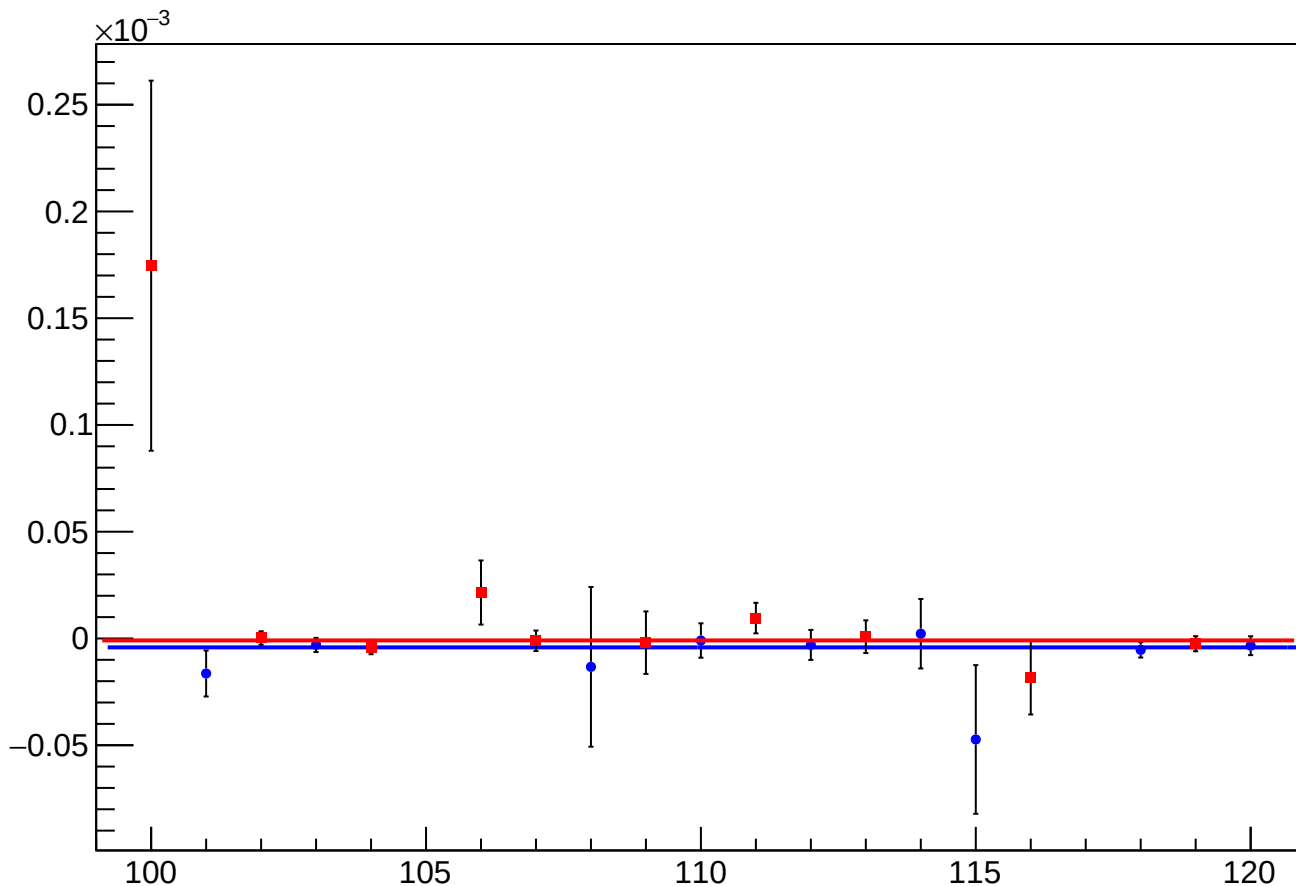
Right: 55.709+/-0.018 χ^2/NDF : 4010899.8/18

In: 61.916+/-0.027 χ^2/NDF : 1498742.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.709+/-0.018 χ^2/NDF : 4010899.8/18

asym_at2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

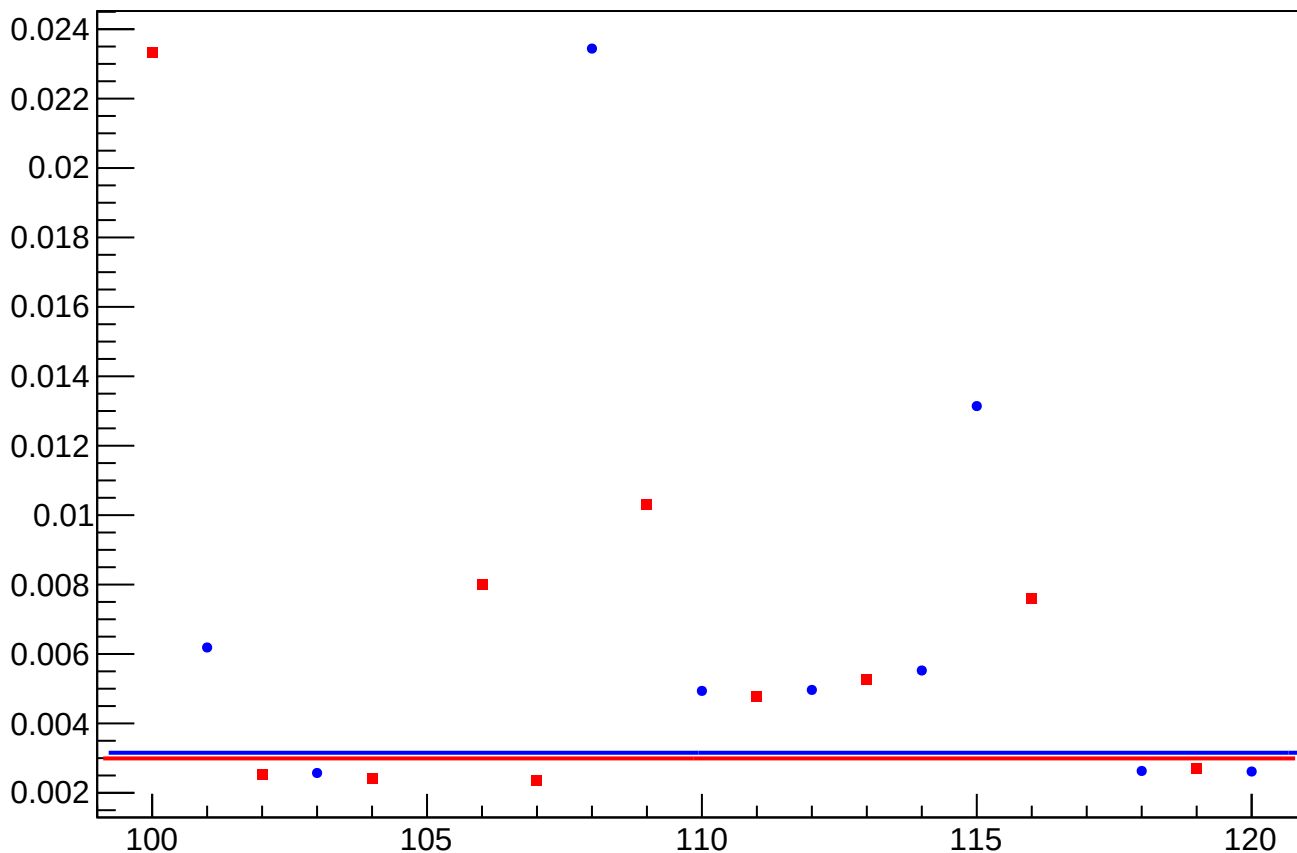
Right: -0.000+/-0.000 χ^2/NDF : 15.9/18

In: -0.000+/-0.000 χ^2/NDF : 3.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.9/18

asym_at2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1319486.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1427840.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

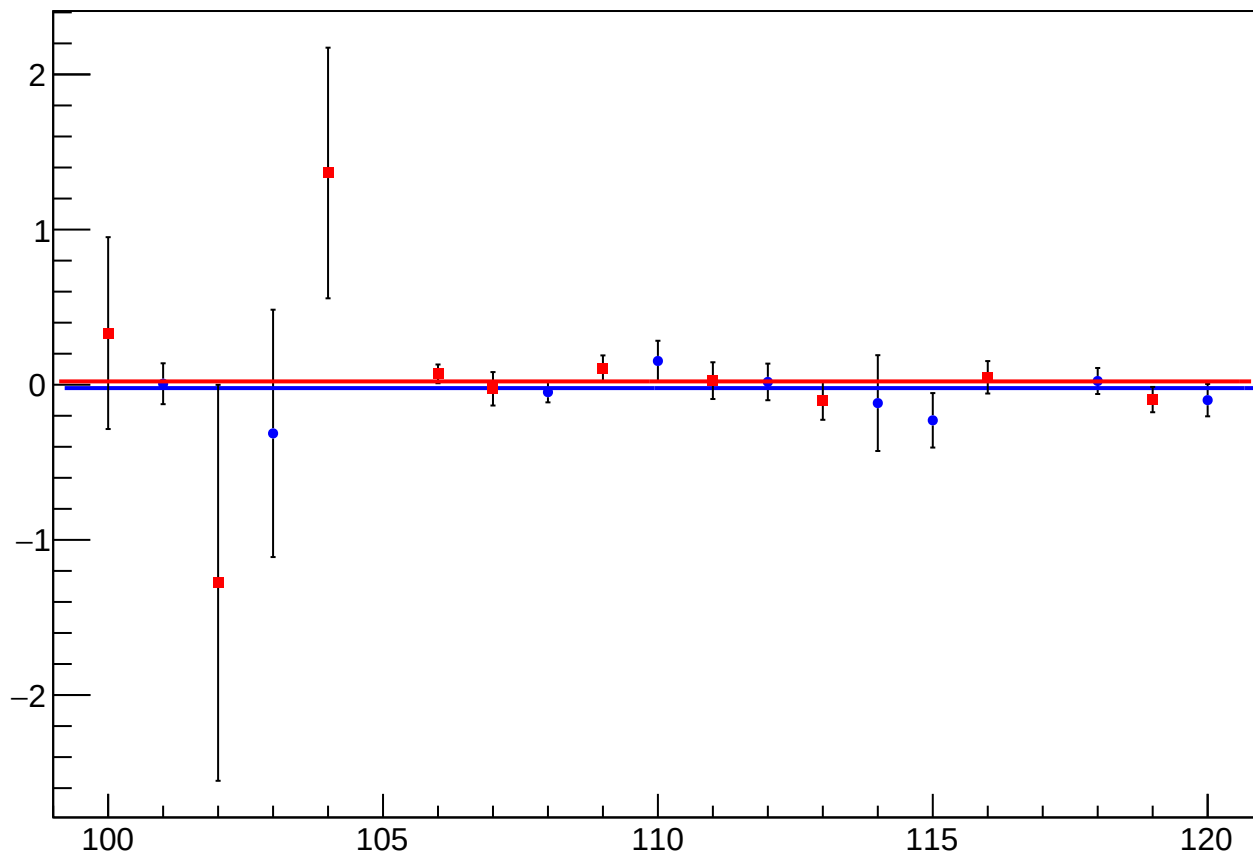
Right: 0.003+/-0.000 χ^2/NDF : 2755598.9/18

In: 0.003+/-0.000 χ^2/NDF : 1319486.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 2755598.9/18

asym_at2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022+/-0.038 χ^2/NDF : 4.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.021+/-0.034 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

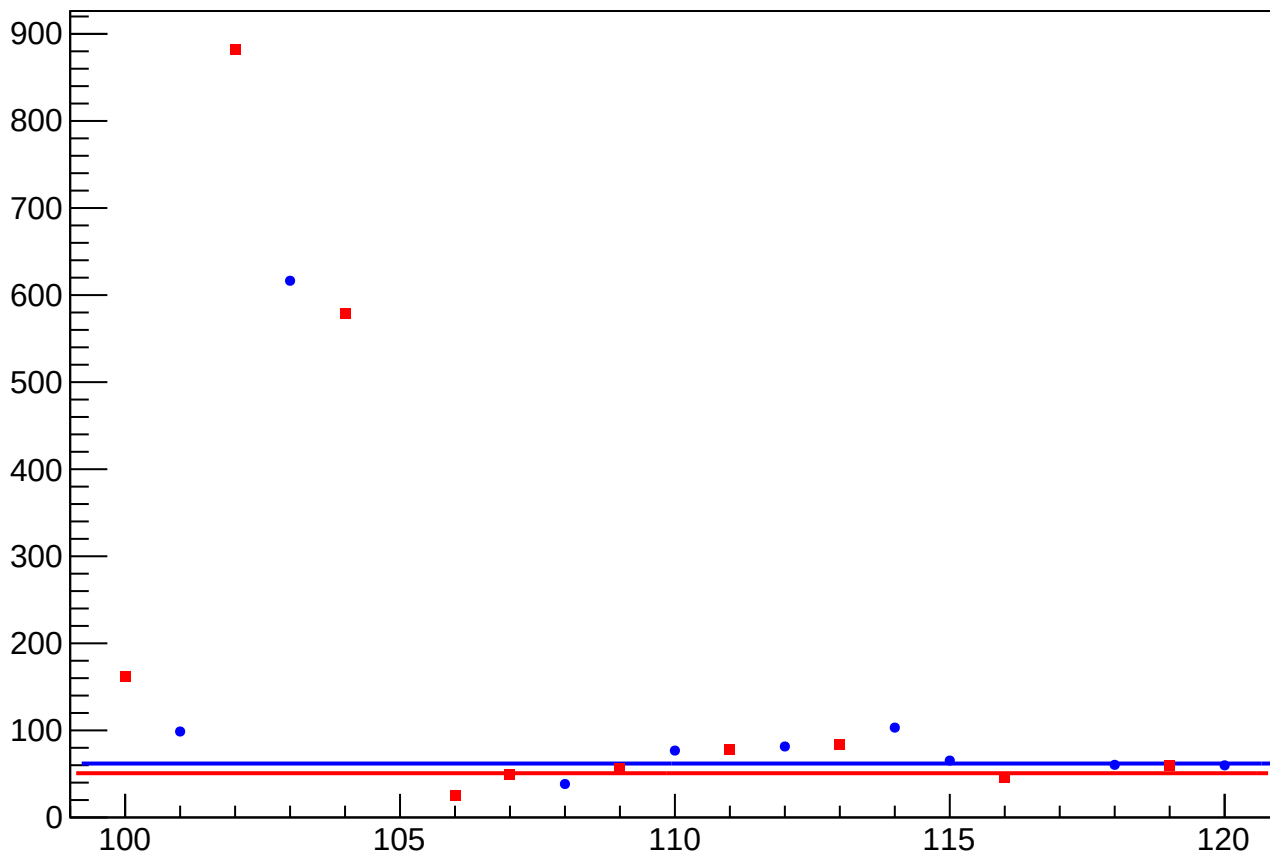
Right: 0.002+/-0.025 χ^2/NDF : 14.3/18

In: -0.022+/-0.038 χ^2/NDF :4.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.025 χ^2/NDF : 14.3/18

asym_at2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.928+/-0.027 χ^2/NDF : 1498158.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.809+/-0.024 χ^2/NDF : 2416441.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

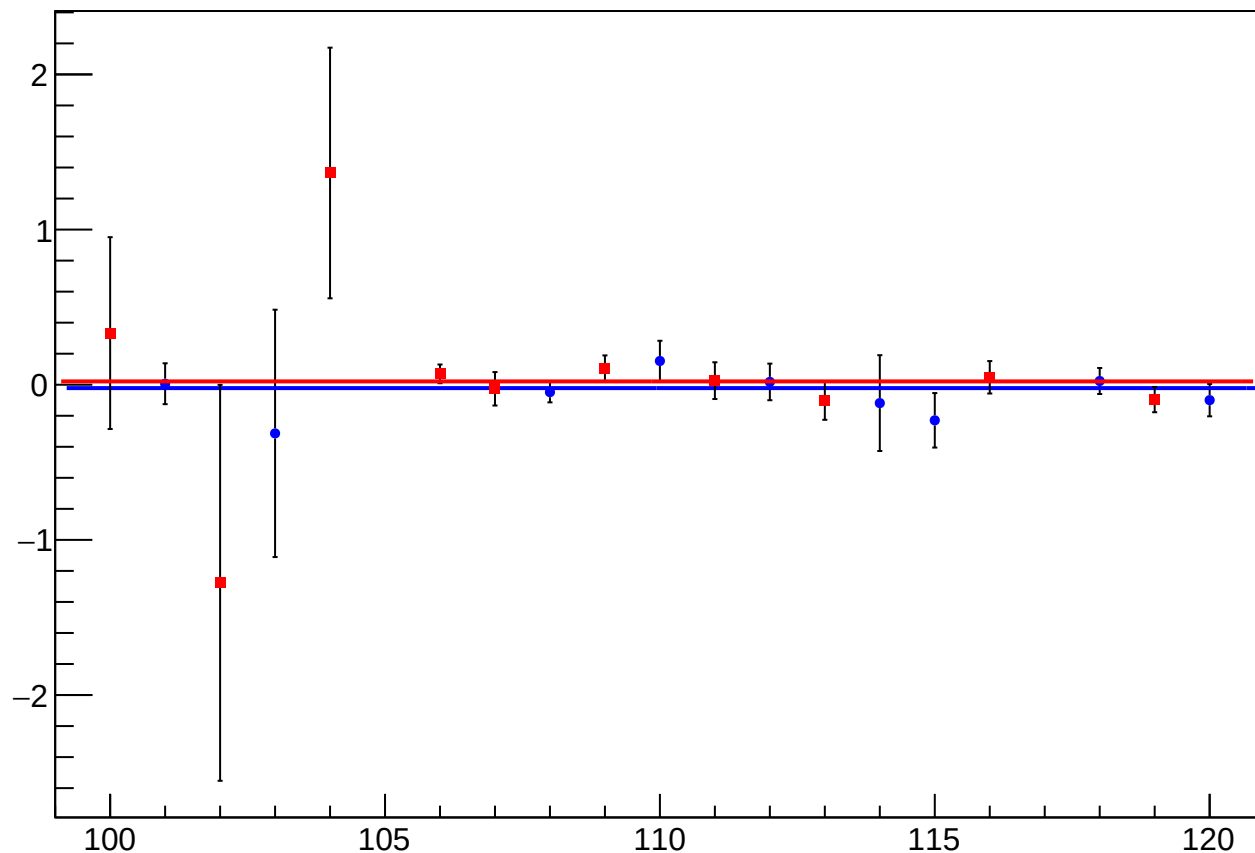
Right: 55.710+/-0.018 χ^2/NDF : 4011060.3/18

In: 61.928+/-0.027 χ^2/NDF : 1498158.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.710+/-0.018 χ^2/NDF : 4011060.3/18

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022+/-0.038 χ^2 /NDF: 4.6/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.021+/-0.034 χ^2 /NDF: 9.0/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

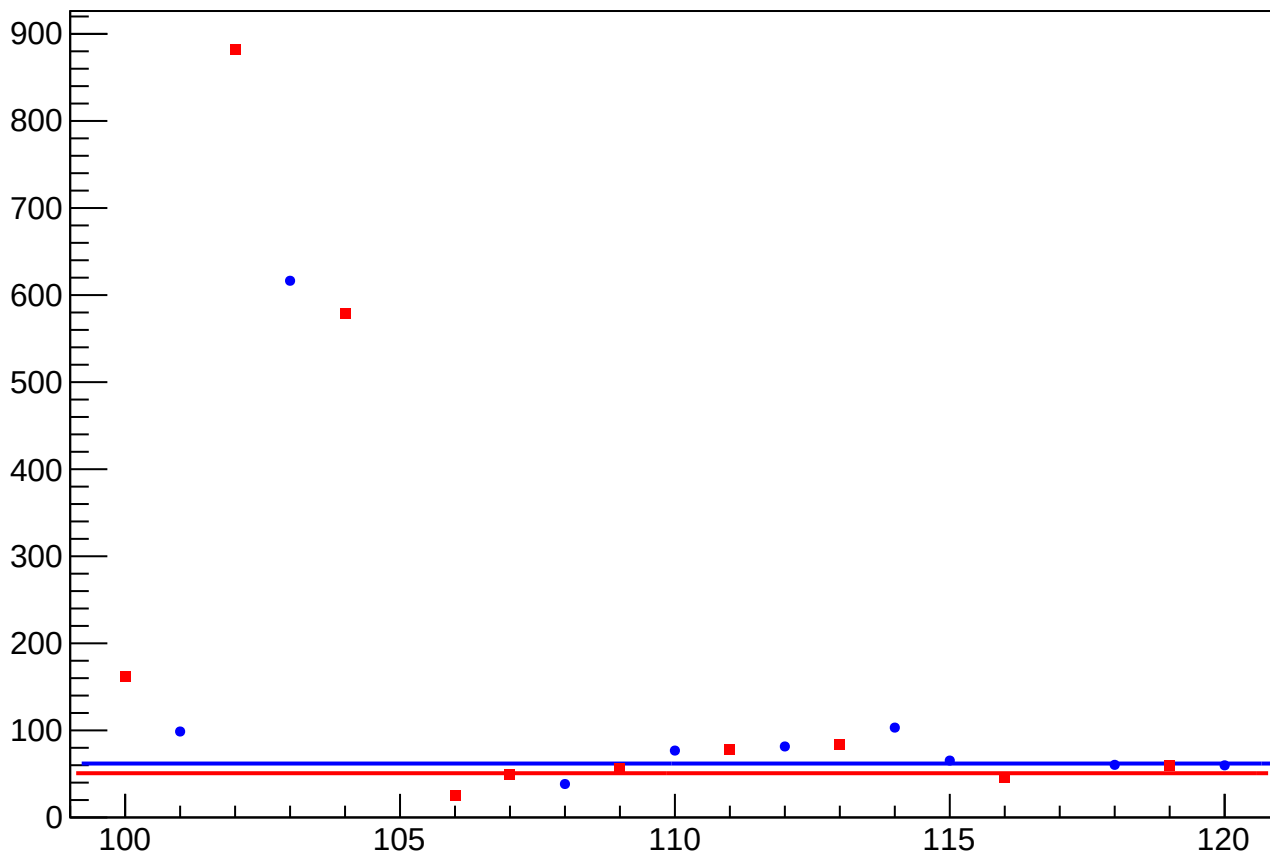
Right: 0.002+/-0.025 χ^2 /NDF: 14.3/18

In: -0.022+/-0.038 χ^2 /NDF:4.6/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.002+/-0.025 χ^2 /NDF: 14.3/18

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.928+/-0.027 χ^2/NDF : 1498158.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 50.809+/-0.024 χ^2/NDF : 2416441.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

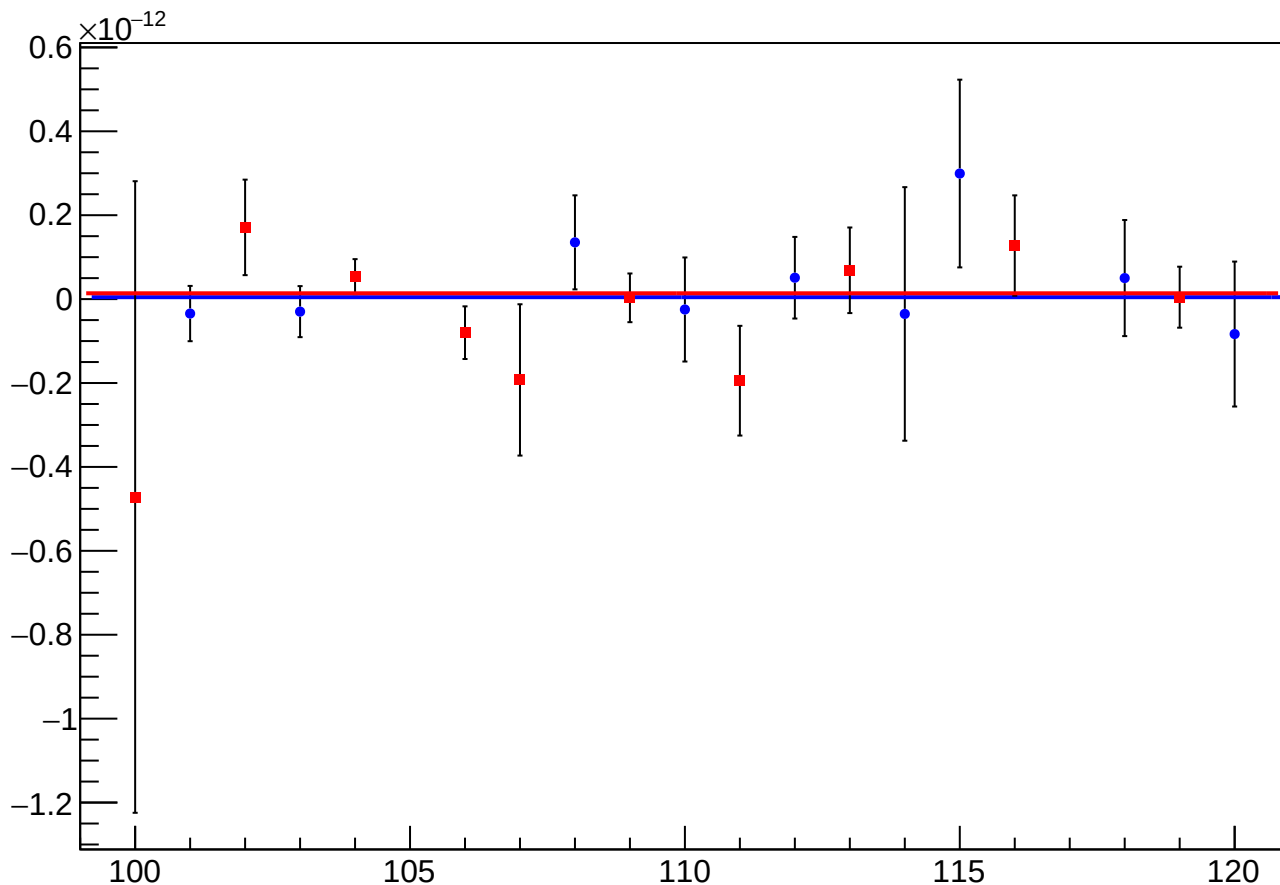
Right: 55.710+/-0.018 χ^2/NDF : 4011060.3/18

In: 61.928+/-0.027 χ^2/NDF :1498158.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 55.710+/-0.018 χ^2/NDF : 4011060.3/18

asym_at2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

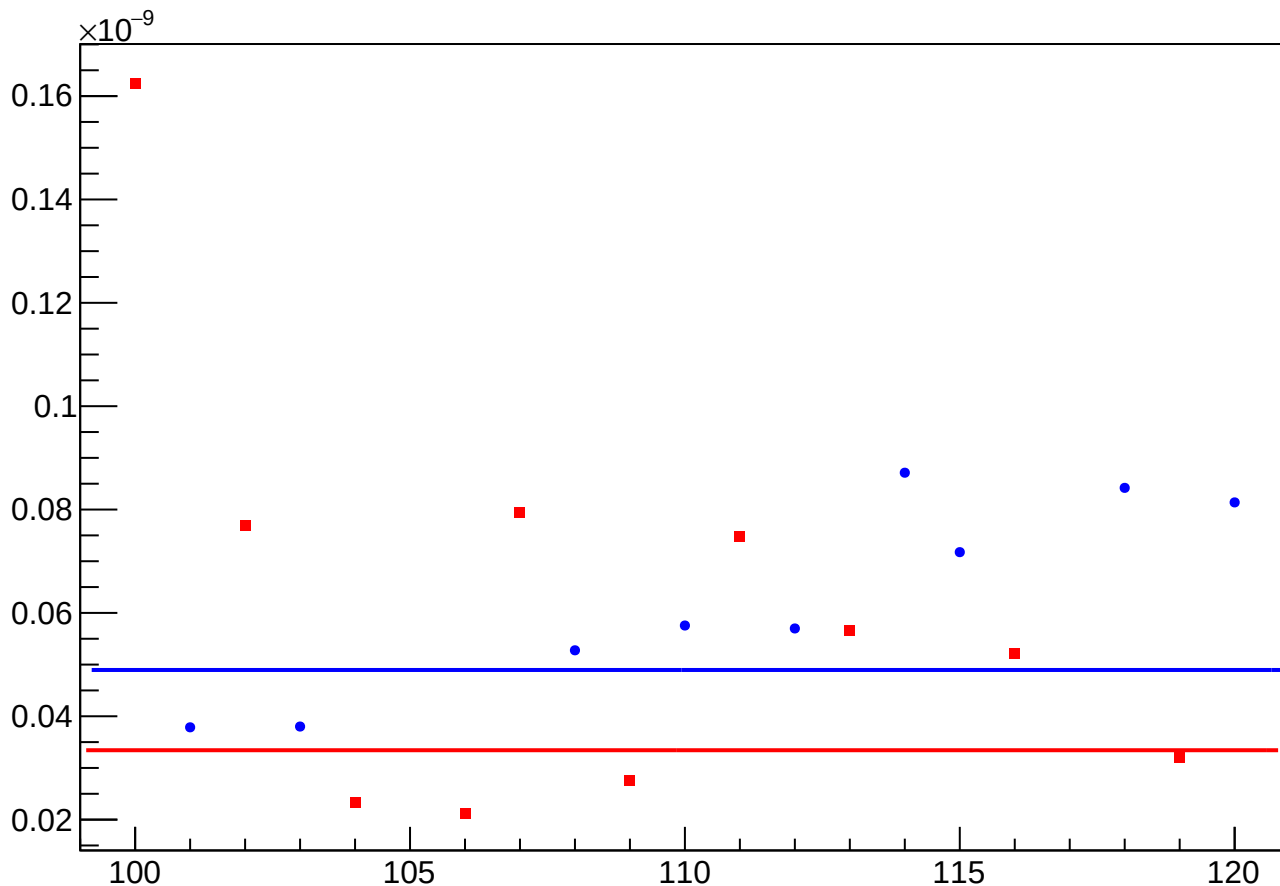
Right: 0.000+/-0.000 χ^2/NDF : 15.0/18

In: 0.000+/-0.000 χ^2/NDF : 4.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.0/18

asym_at2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 399911.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1049952.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

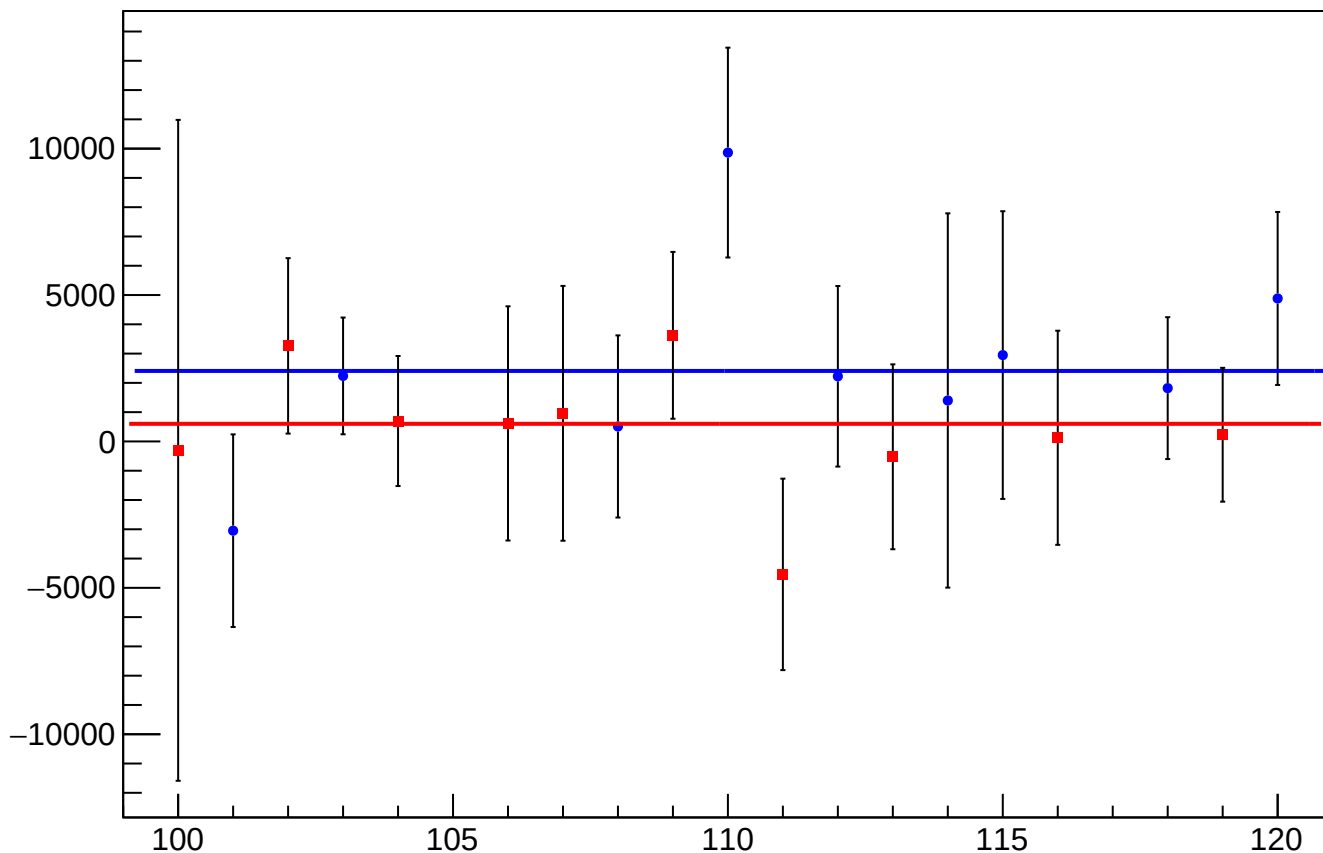
Right: 0.000+/-0.000 χ^2/NDF : 1724021.1/18

In: 0.000+/-0.000 χ^2/NDF : 399911.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1724021.1/18

reg_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2407.611+/-1009.403 χ^2/NDF : 8.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 601.646+/-989.798 χ^2/NDF : 4.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

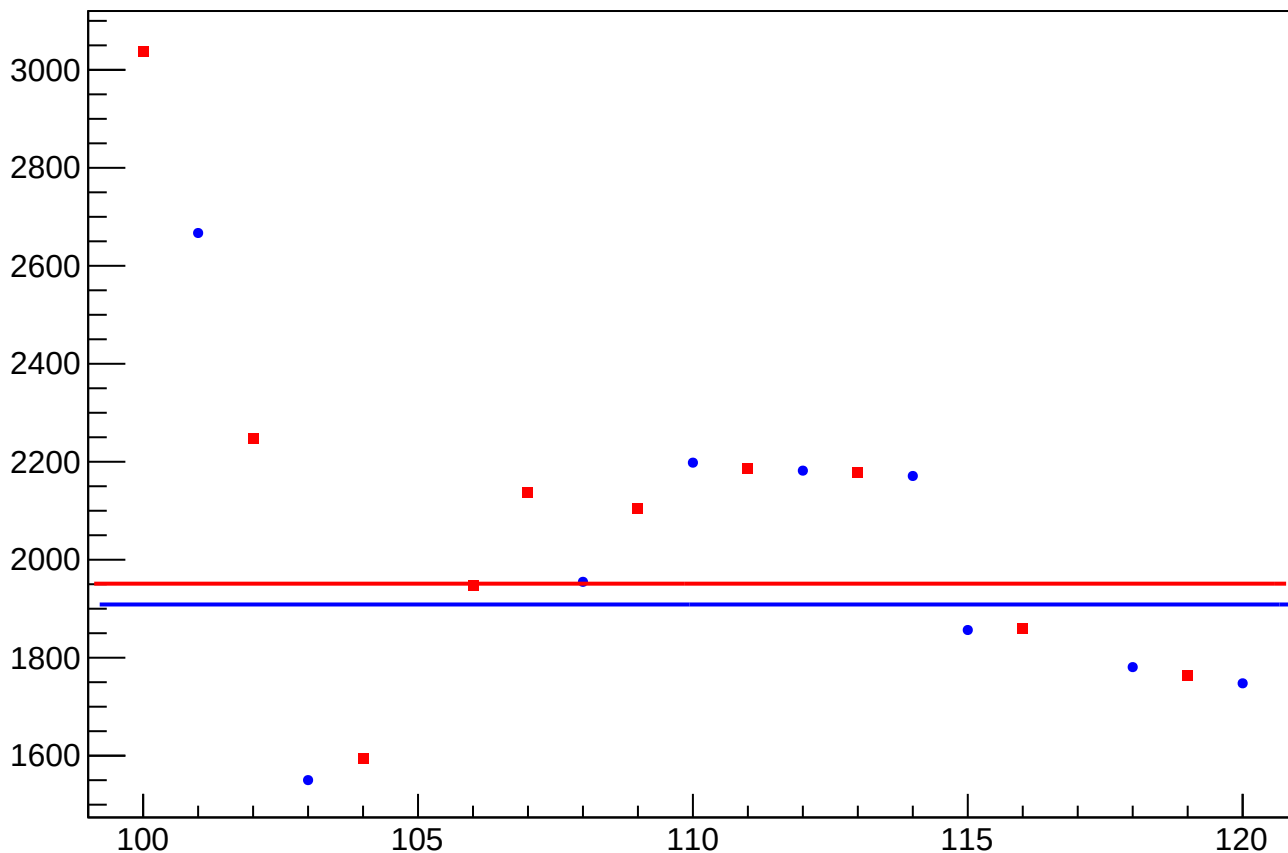
Right: 1486.920+/-706.722 χ^2/NDF : 14.5/18

In: 2407.611+/-1009.403 χ^2/NDF : 8.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1486.920+/-706.722 χ^2/NDF : 14.5/18

reg_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1908.652+/-0.714 χ^2/NDF : 215308.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1951.140+/-0.697 χ^2/NDF : 134201.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

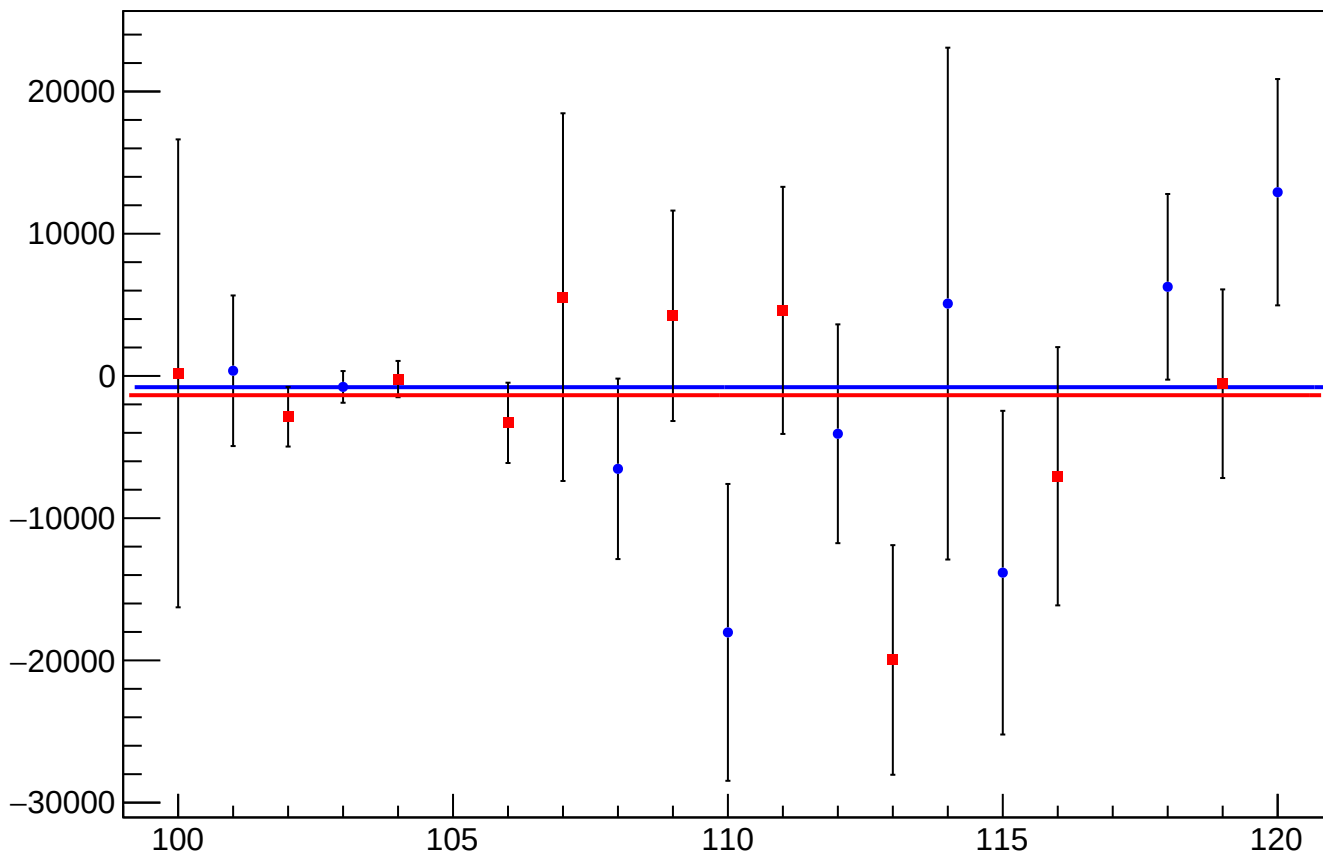
Right: 1930.409+/-0.499 χ^2/NDF : 351324.3/18

In: 1908.652+/-0.714 χ^2/NDF : 215308.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1930.409+/-0.499 χ^2/NDF : 351324.3/18

asym_atl1r2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -789.791+/-1030.370 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1354.175+/-971.717 χ^2/NDF : 8.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

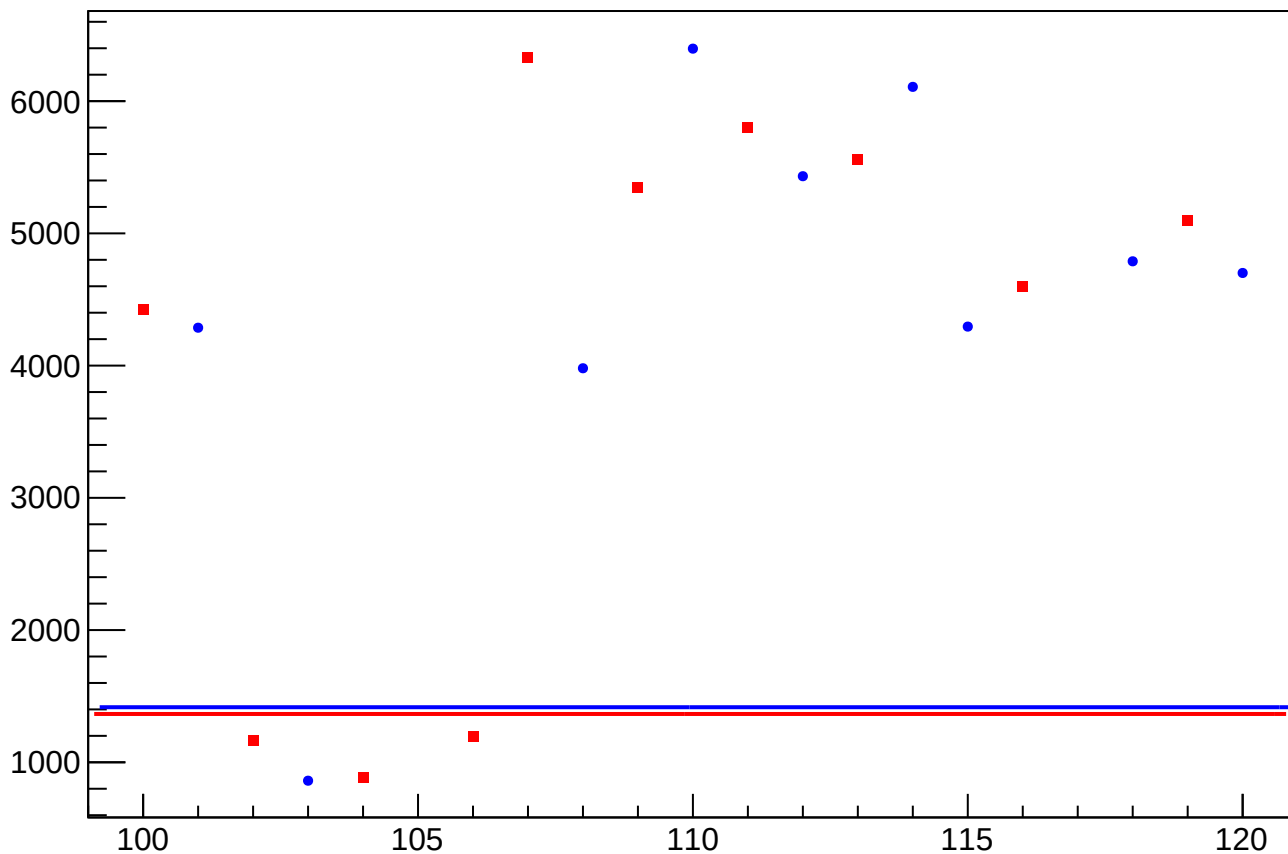
Right: -1088.503+/-706.934 χ^2/NDF : 18.3/18

In: -789.791+/-1030.370 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1088.503+/-706.934 χ^2/NDF : 18.3/18

asym_atl1r2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1416.518+/-0.729 χ^2/NDF : 3550596.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1365.428+/-0.687 χ^2/NDF : 3202335.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

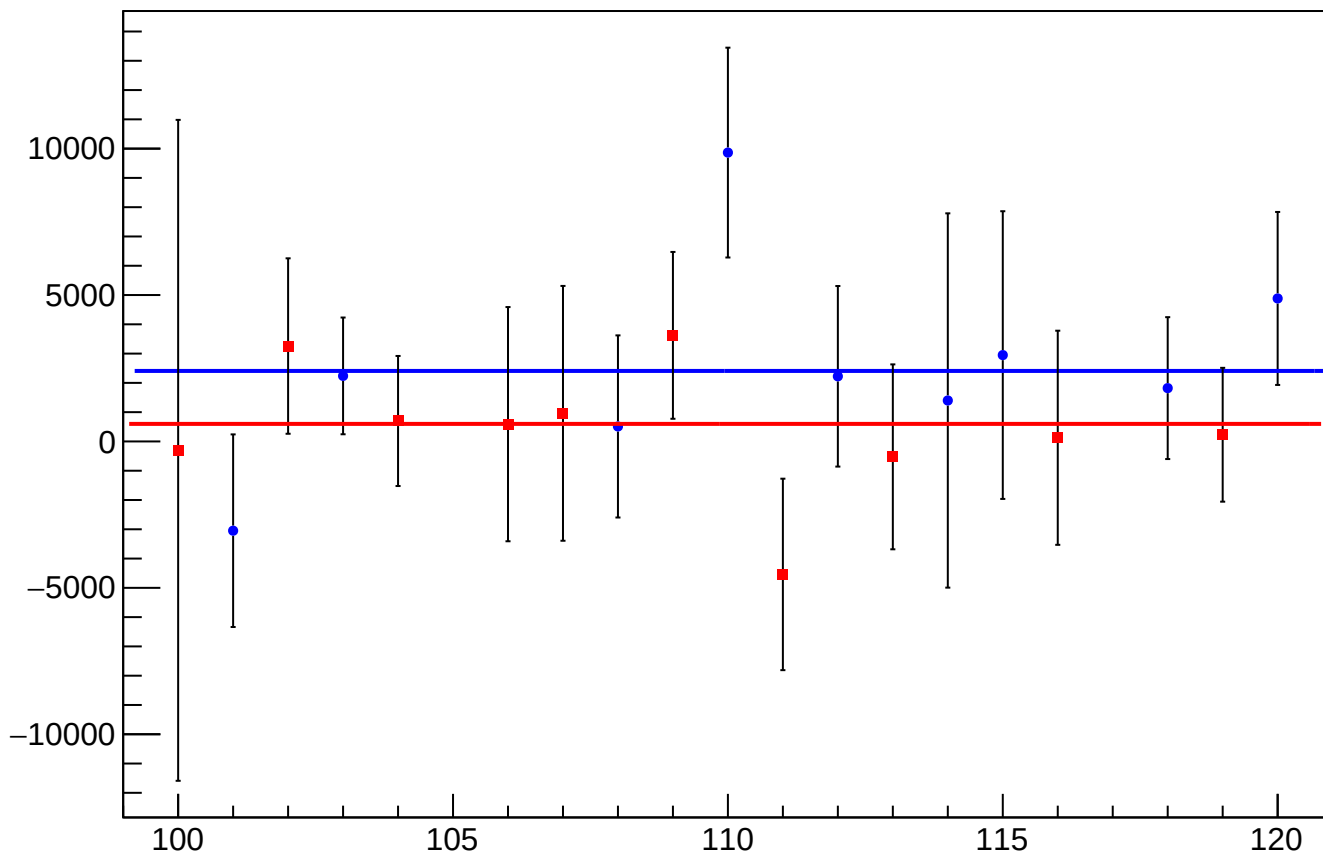
Right: 1389.477+/-0.500 χ^2/NDF : 6755534.3/18

In: 1416.518+/-0.729 χ^2/NDF : 3550596.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1389.477+/-0.500 χ^2/NDF : 6755534.3/18

cor_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2407.870+/-1009.403 χ^2/NDF : 8.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 599.252+/-989.800 χ^2/NDF : 4.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

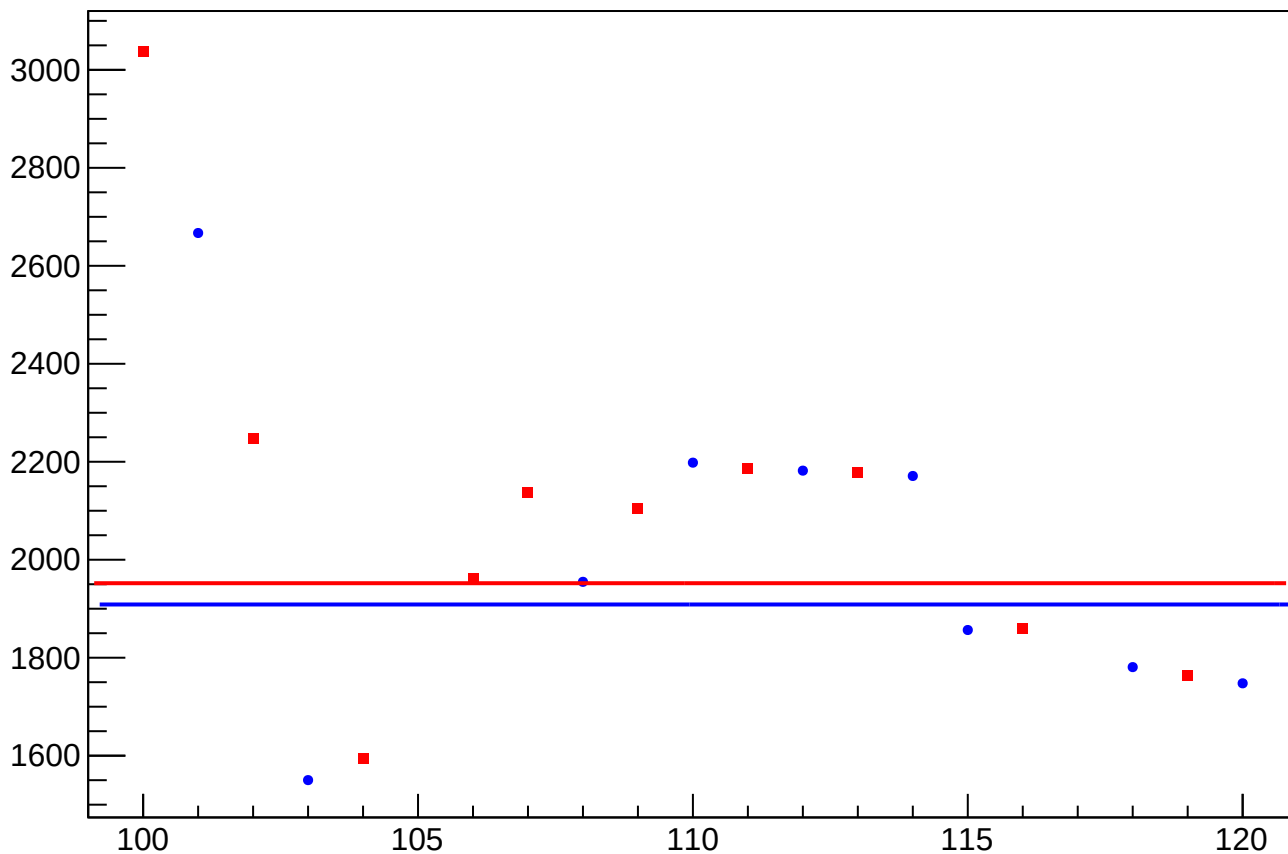
Right: 1485.829+/-706.723 χ^2/NDF : 14.5/18

In: 2407.870+/-1009.403 χ^2/NDF : 8.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1485.829+/-706.723 χ^2/NDF : 14.5/18

cor_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1908.653+/-0.714 χ^2/NDF : 215308.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1952.088+/-0.697 χ^2/NDF : 134215.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

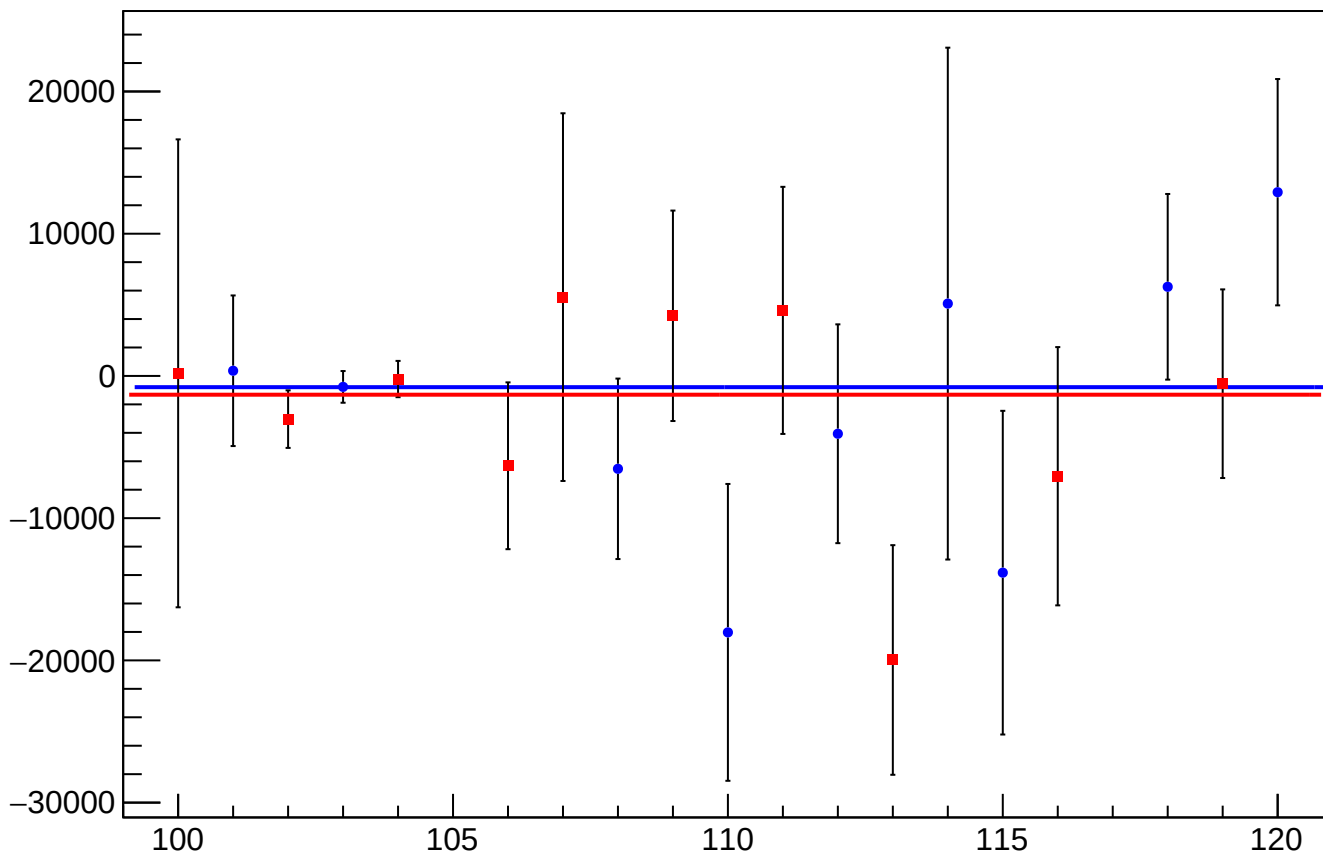
Right: 1930.885+/-0.499 χ^2/NDF : 351419.2/18

In: 1908.653+/-0.714 χ^2/NDF : 215308.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1930.885+/-0.499 χ^2/NDF : 351419.2/18

asym_atl1r2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -789.254+/-1030.304 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1319.396+/-1010.459 χ^2/NDF : 9.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

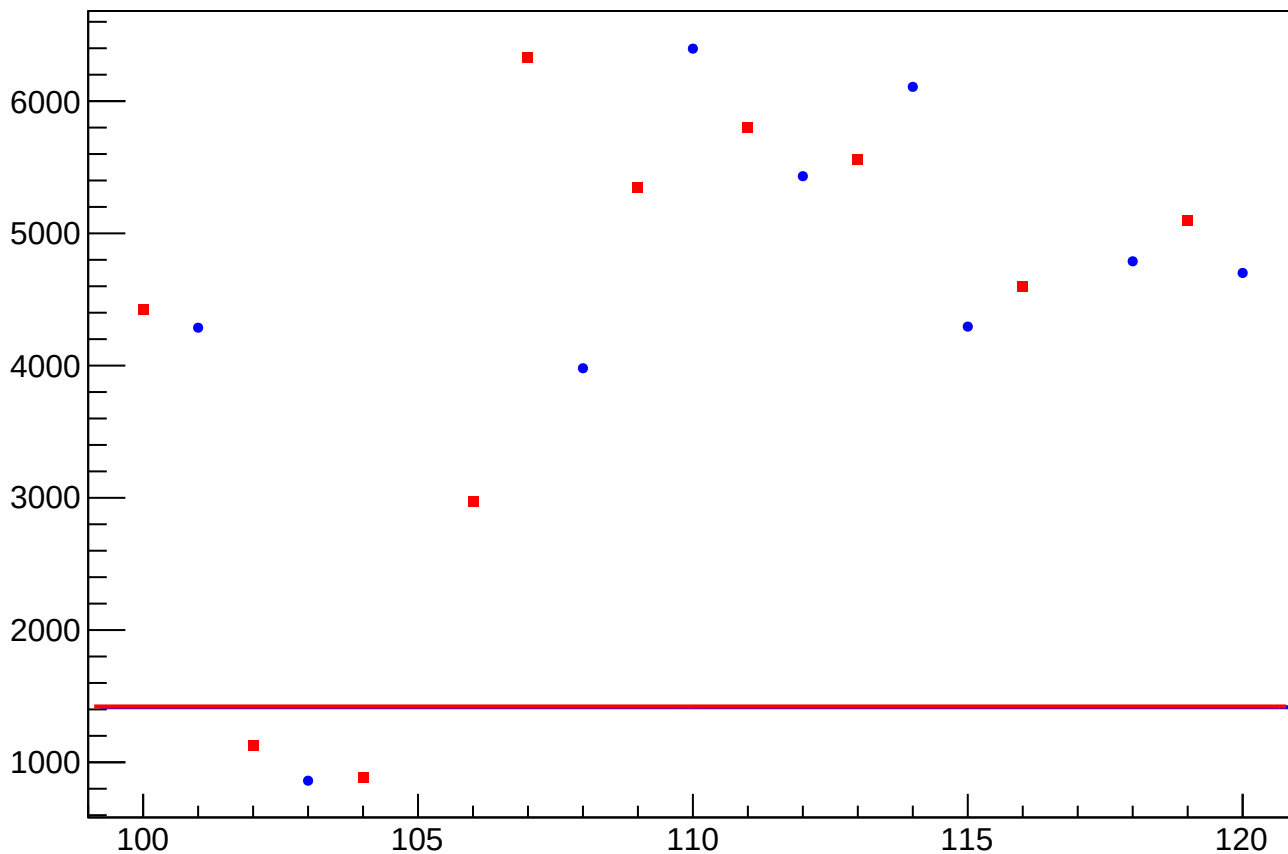
Right: -1059.480+/-721.416 χ^2/NDF : 18.7/18

In: -789.254+/-1030.304 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1059.480+/-721.416 χ^2/NDF : 18.7/18

asym_atl1r2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1416.399+/-0.729 χ^2/NDF : 3550770.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1422.269+/-0.715 χ^2/NDF : 3347346.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

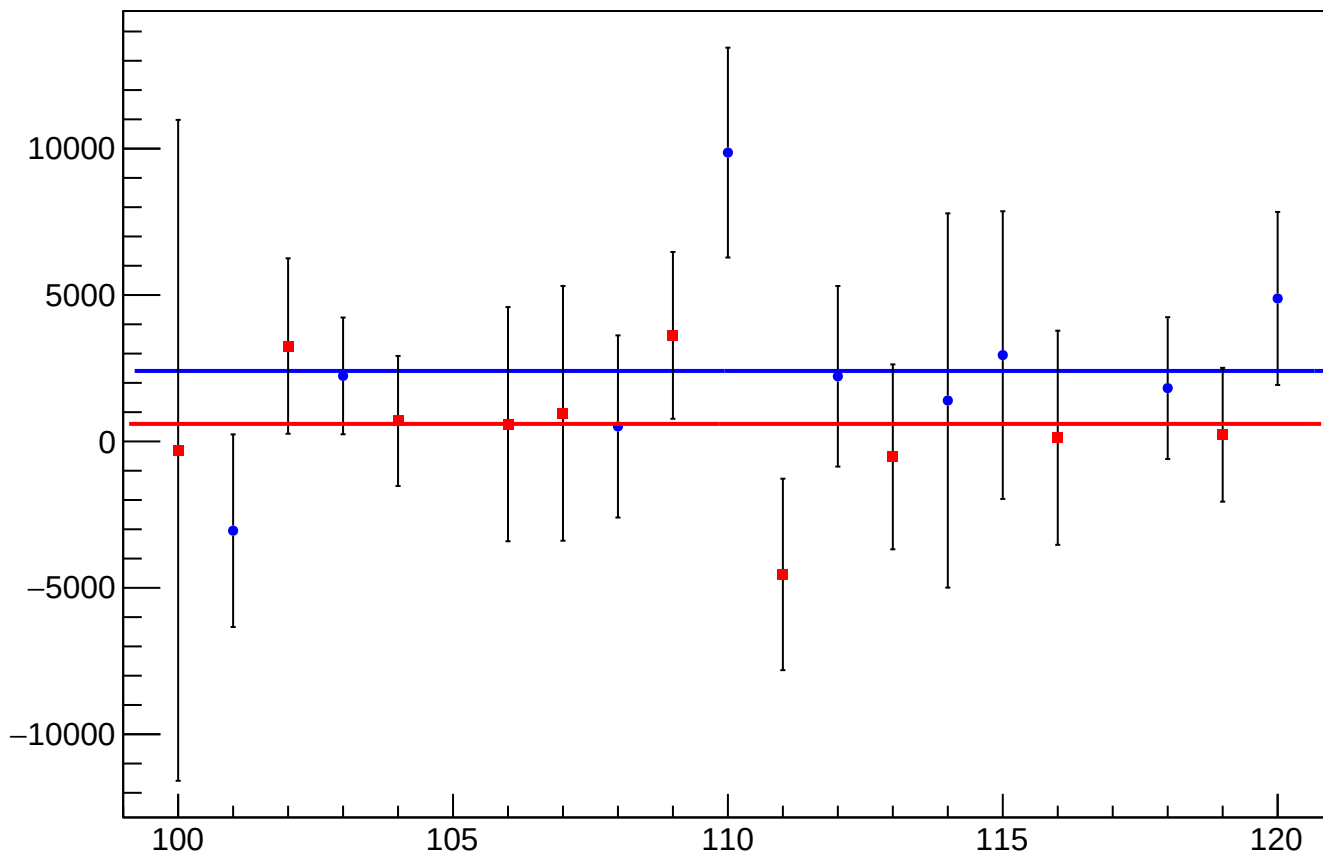
Right: 1419.391+/-0.510 χ^2/NDF : 6898150.3/18

In: 1416.399+/-0.729 χ^2/NDF : 3550770.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1419.391+/-0.510 χ^2/NDF : 6898150.3/18

eigen_cor_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2407.870+/-1009.403 χ^2/NDF : 8.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 599.252+/-989.800 χ^2/NDF : 4.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

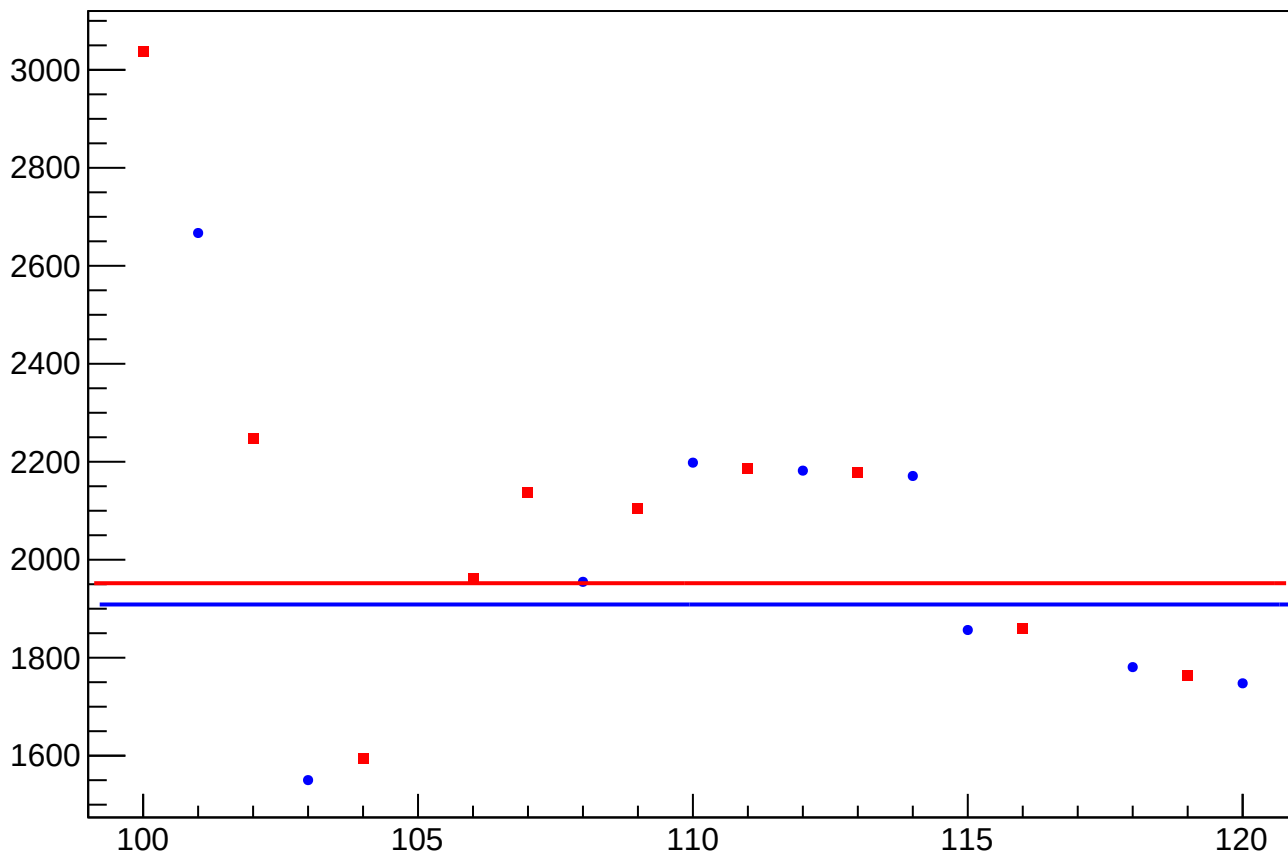
Right: 1485.829+/-706.723 χ^2/NDF : 14.5/18

In: 2407.870+/-1009.403 χ^2/NDF : 8.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1485.829+/-706.723 χ^2/NDF : 14.5/18

eigen_cor_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1908.653+/-0.714 χ^2/NDF : 215308.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1952.088+/-0.697 χ^2/NDF : 134215.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

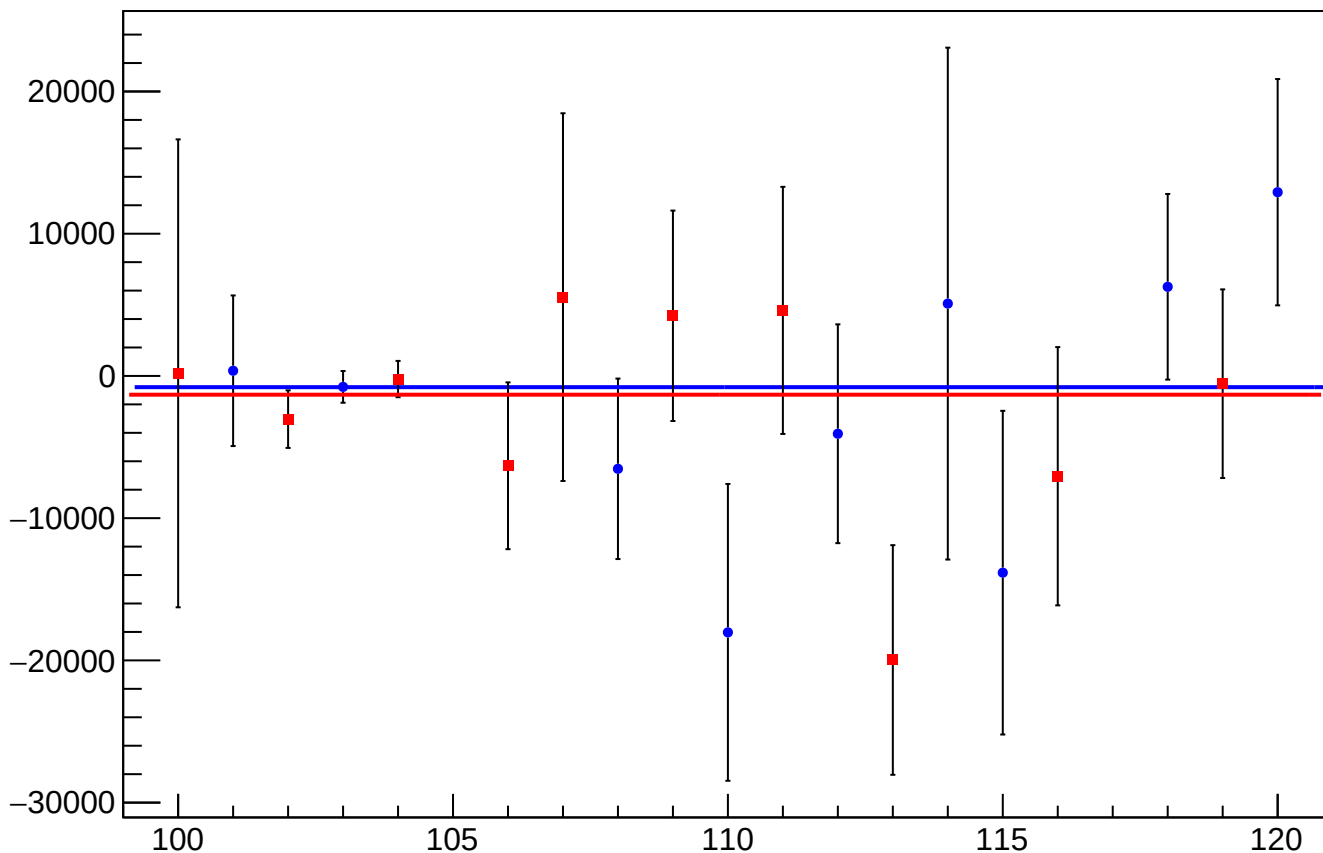
Right: 1930.885+/-0.499 χ^2/NDF : 351419.2/18

In: 1908.653+/-0.714 χ^2/NDF : 215308.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1930.885+/-0.499 χ^2/NDF : 351419.2/18

asym_atl1r2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -789.254+/-1030.304 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1319.396+/-1010.459 χ^2/NDF : 9.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

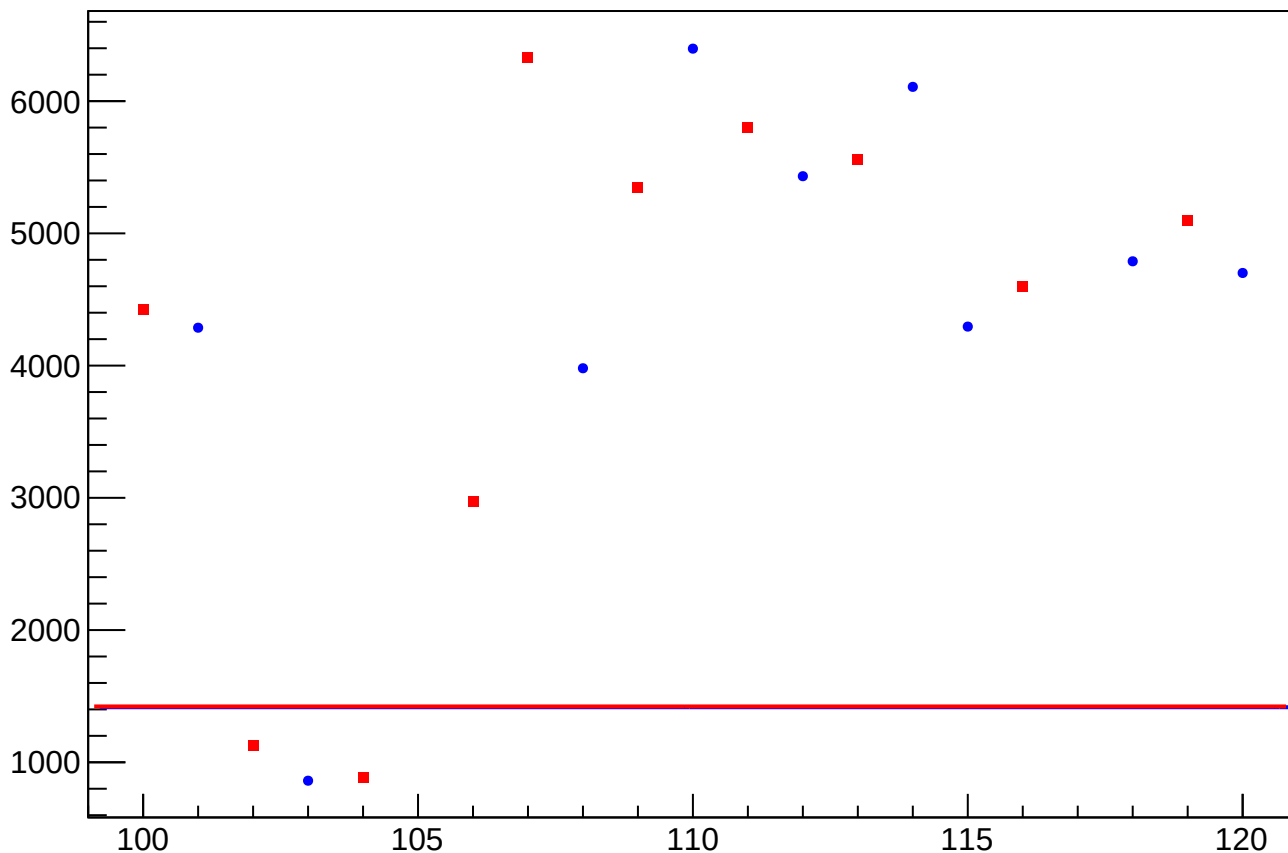
Right: -1059.480+/-721.416 χ^2/NDF : 18.7/18

In: -789.254+/-1030.304 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1059.480+/-721.416 χ^2/NDF : 18.7/18

asym_atl1r2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1416.399+/-0.729 χ^2/NDF : 3550770.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1422.269+/-0.715 χ^2/NDF : 3347346.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

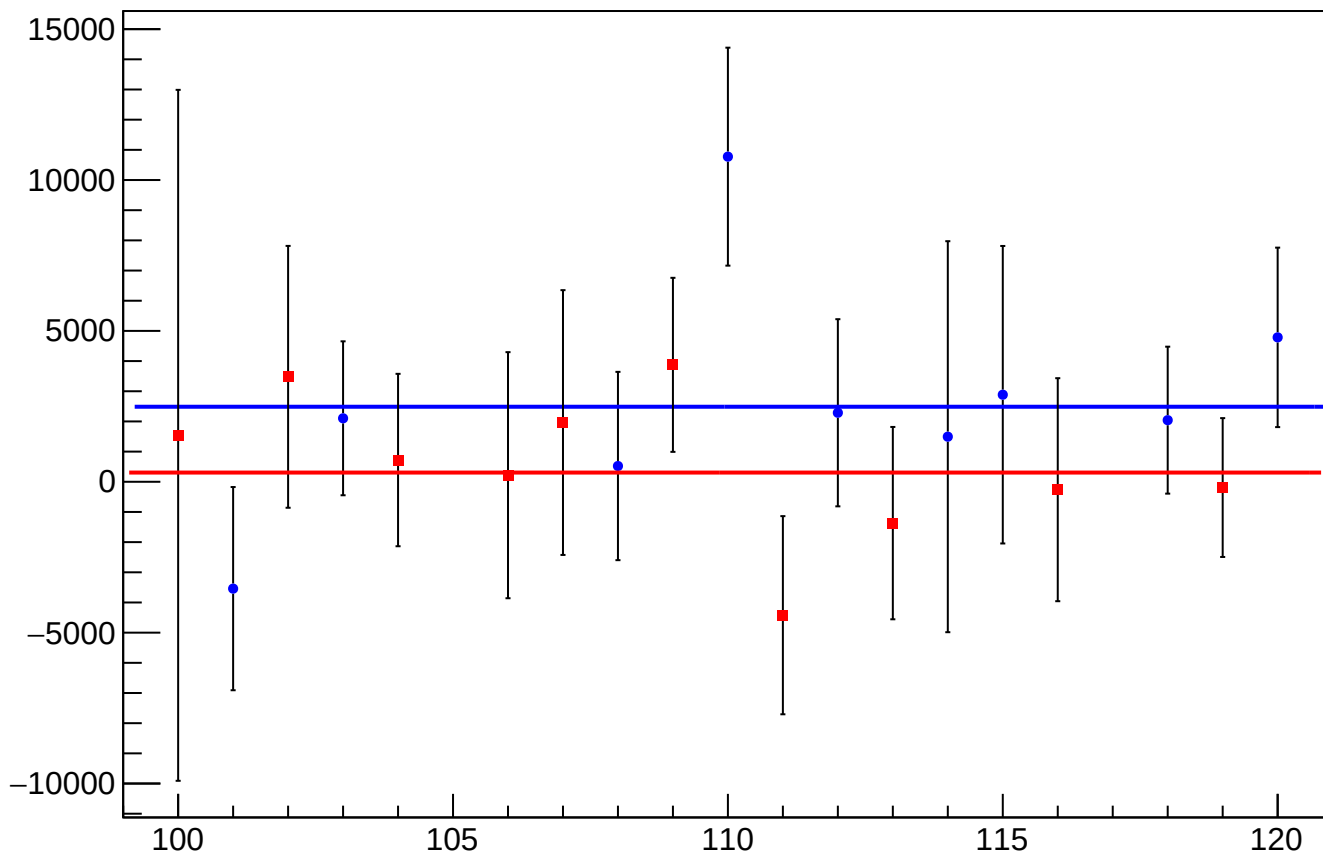
Right: 1419.391+/-0.510 χ^2/NDF : 6898150.3/18

In: 1416.399+/-0.729 χ^2/NDF : 3550770.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1419.391+/-0.510 χ^2/NDF : 6898150.3/18

dit_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2486.761+/-1070.899 χ^2/NDF : 9.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 305.500+/-1072.733 χ^2/NDF : 4.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

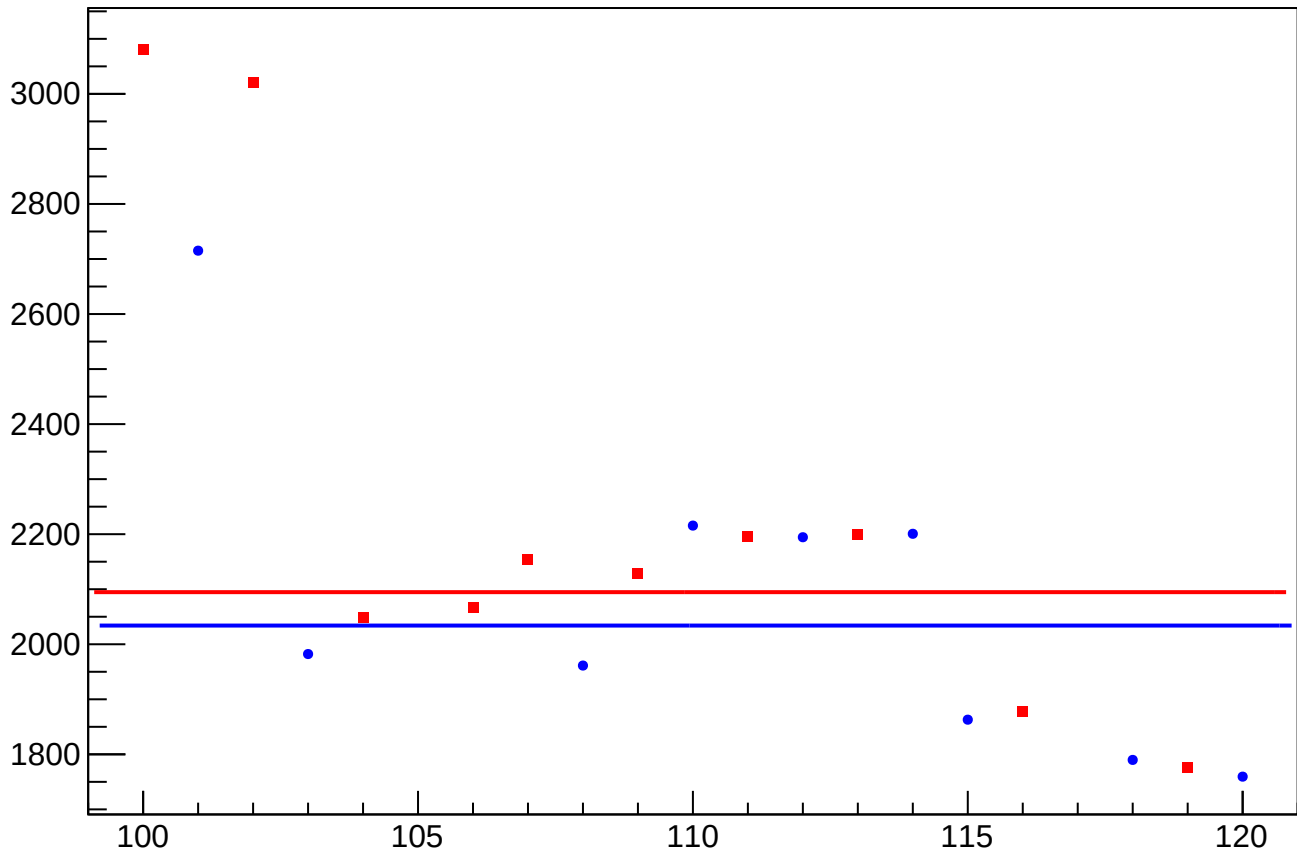
Right: 1397.996+/-757.888 χ^2/NDF : 16.3/18

In: 2486.761+/-1070.899 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1397.996+/-757.888 χ^2/NDF : 16.3/18

dit_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 2033.976+/-0.757 χ^2/NDF : 135039.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2094.680+/-0.757 χ^2/NDF : 156458.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

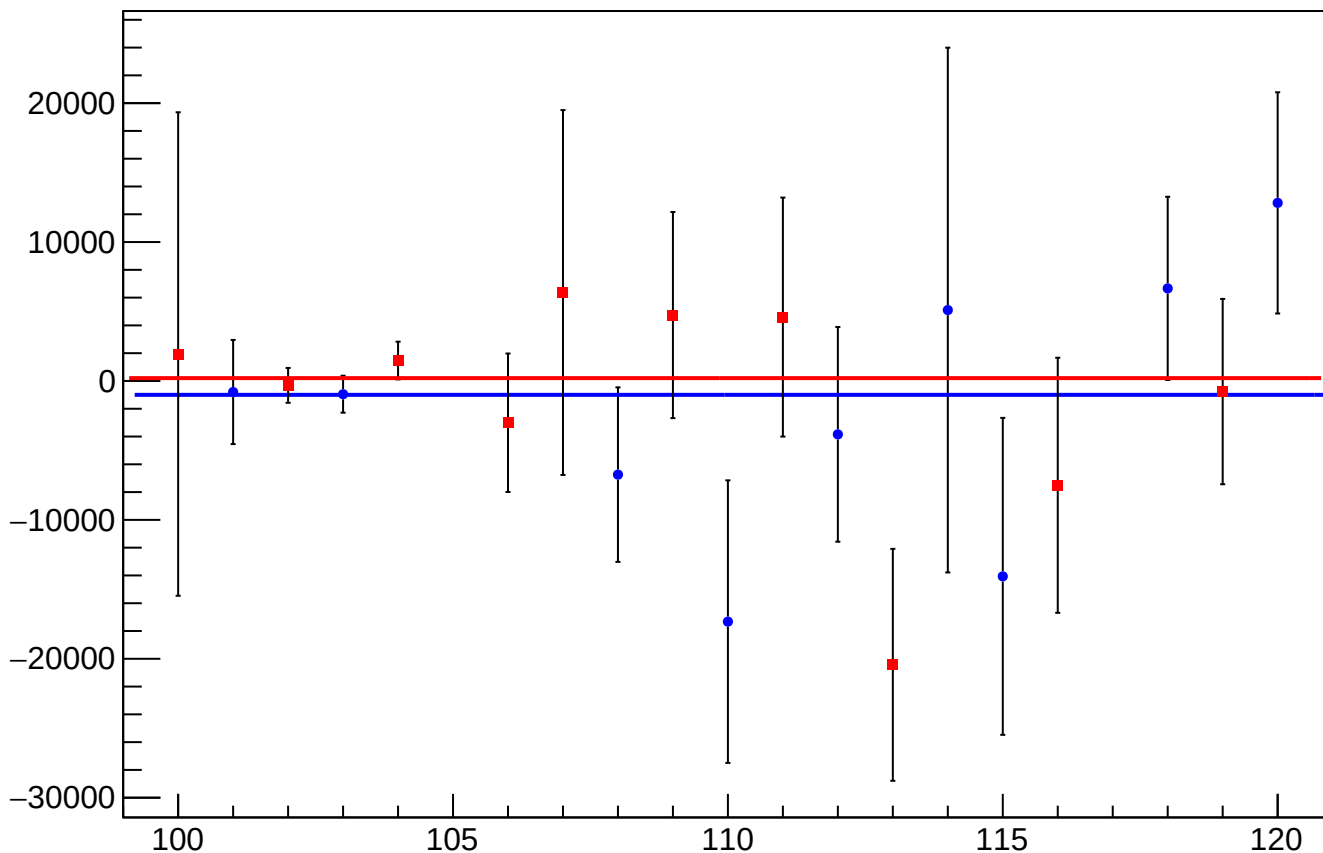
Right: 2064.331+/-0.535 χ^2/NDF : 294712.1/18

In: 2033.976+/-0.757 χ^2/NDF : 135039.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2064.331+/-0.535 χ^2/NDF : 294712.1/18

asym_atl1r2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -998.224+/-1164.735 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 204.997+/-874.437 χ^2/NDF : 9.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

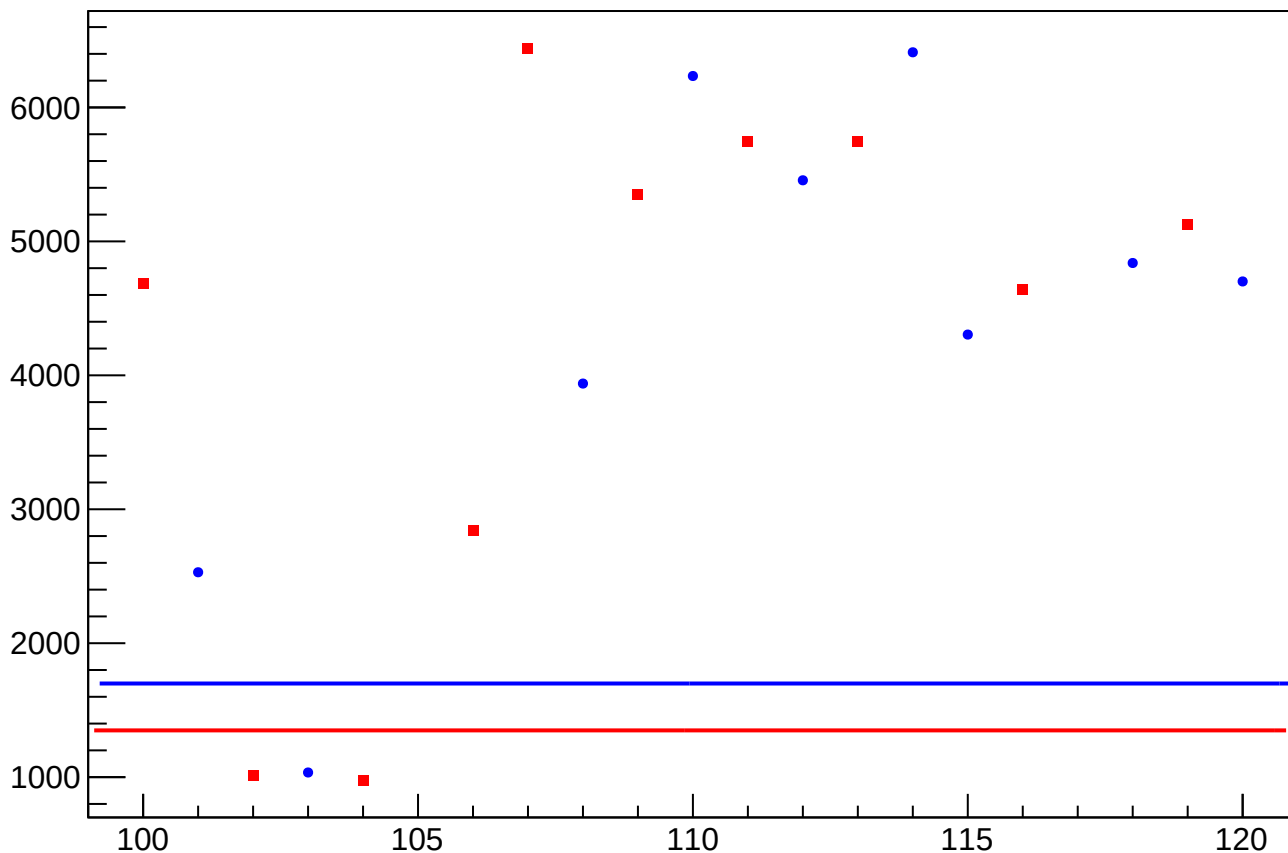
Right: -228.724+/-699.294 χ^2/NDF : 19.2/18

In: -998.224+/-1164.735 χ^2/NDF :9.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -228.724+/-699.294 χ^2/NDF : 19.2/18

asym_atl1r2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1699.145+/-0.824 χ^2/NDF : 2687774.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1349.130+/-0.618 χ^2/NDF : 3410395.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

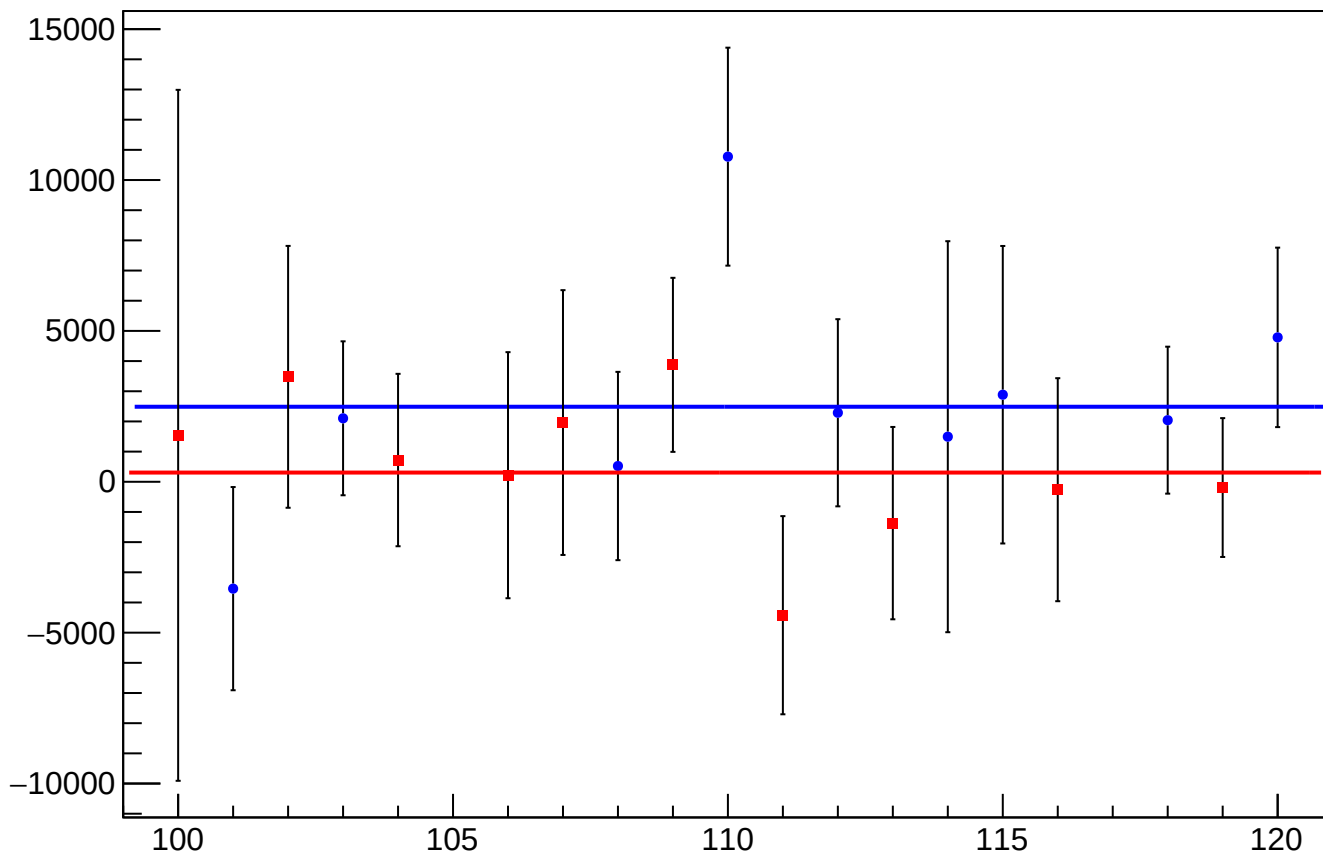
Right: 1475.299+/-0.494 χ^2/NDF : 6213677.5/18

In: 1699.145+/-0.824 χ^2/NDF : 2687774.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1475.299+/-0.494 χ^2/NDF : 6213677.5/18

eigen_dit_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2486.748+/-1070.899 χ^2/NDF : 9.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 305.505+/-1072.733 χ^2/NDF : 4.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

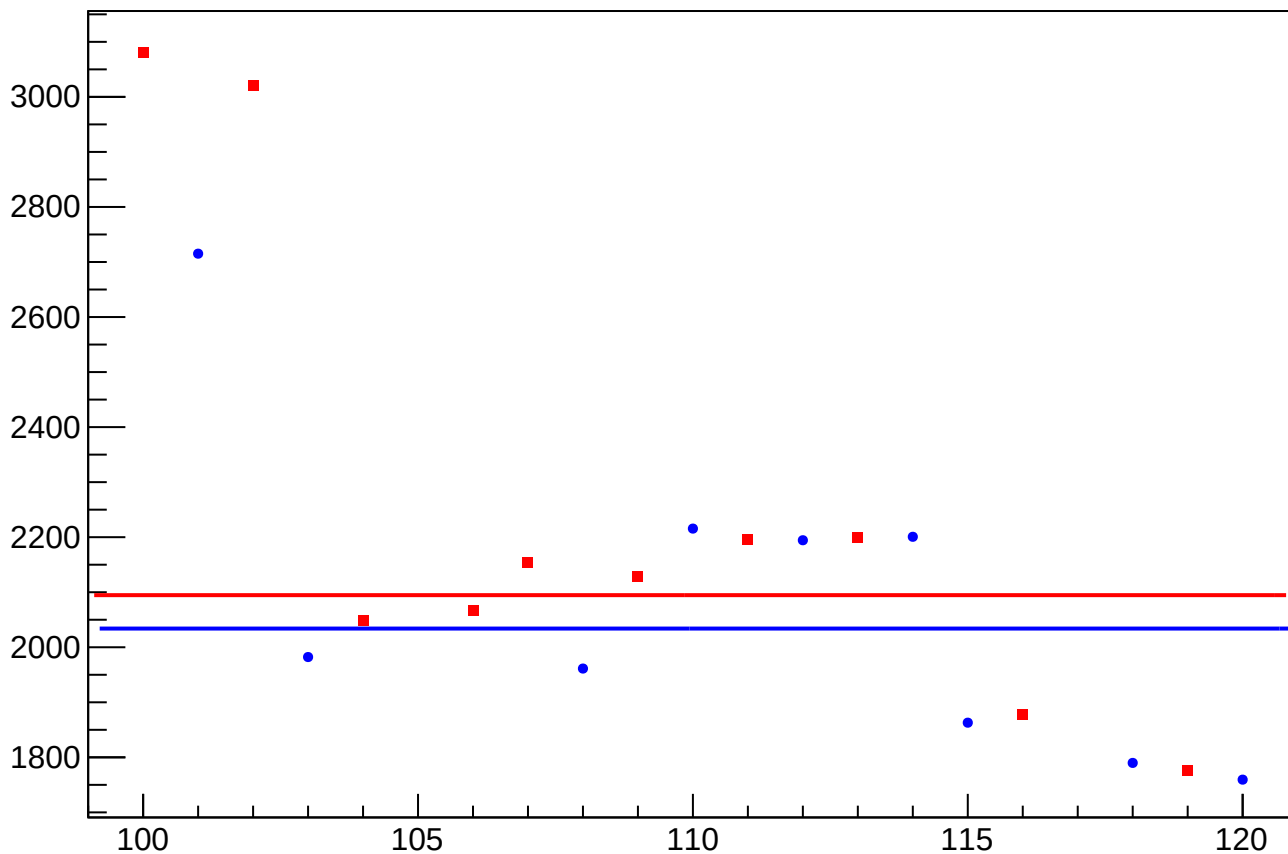
Right: 1397.992+/-757.887 χ^2/NDF : 16.3/18

In: 2486.748+/-1070.899 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1397.992+/-757.887 χ^2/NDF : 16.3/18

eigen_dit_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 2033.975+/-0.757 χ^2/NDF : 135040.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2094.679+/-0.757 χ^2/NDF : 156457.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

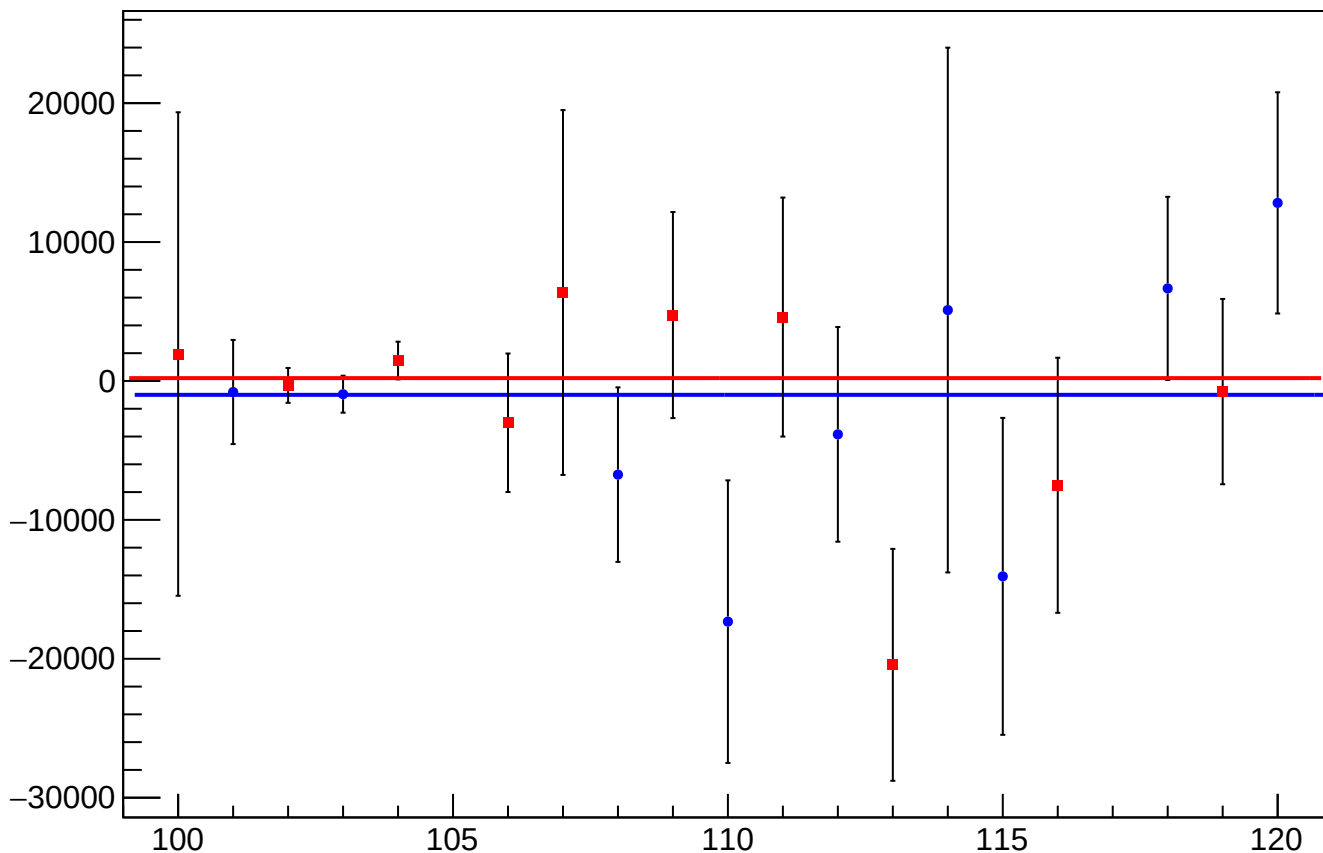
Right: 2064.330+/-0.535 χ^2/NDF : 294711.6/18

In: 2033.975+/-0.757 χ^2/NDF : 135040.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2064.330+/-0.535 χ^2/NDF : 294711.6/18

asym_atl1r2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -998.227+/-1164.735 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 204.992+/-874.436 χ^2/NDF : 9.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

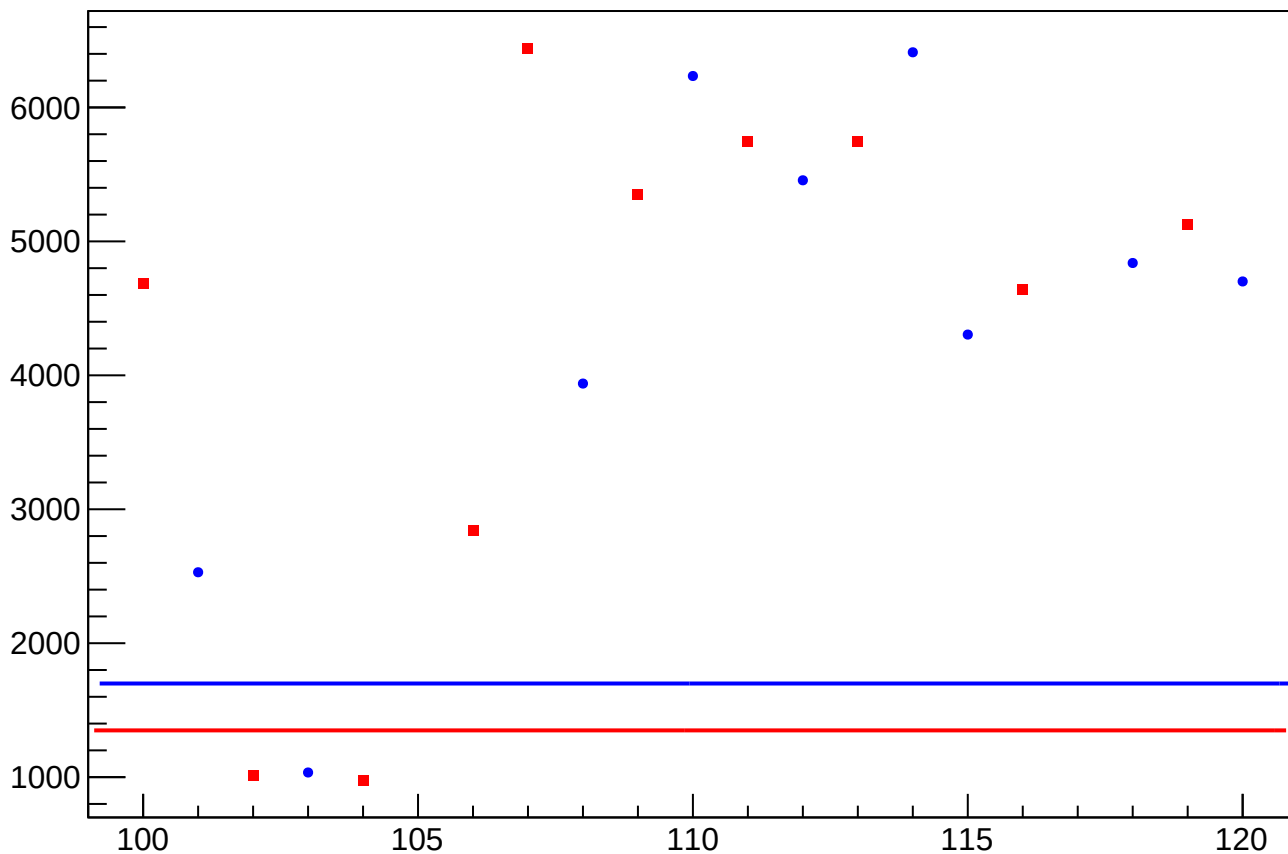
Right: -228.729+/-699.294 χ^2/NDF : 19.2/18

In: -998.227+/-1164.735 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -228.729+/-699.294 χ^2/NDF : 19.2/18

asym_atl1r2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1699.144+/-0.824 χ^2/NDF : 2687770.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1349.130+/-0.618 χ^2/NDF : 3410391.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

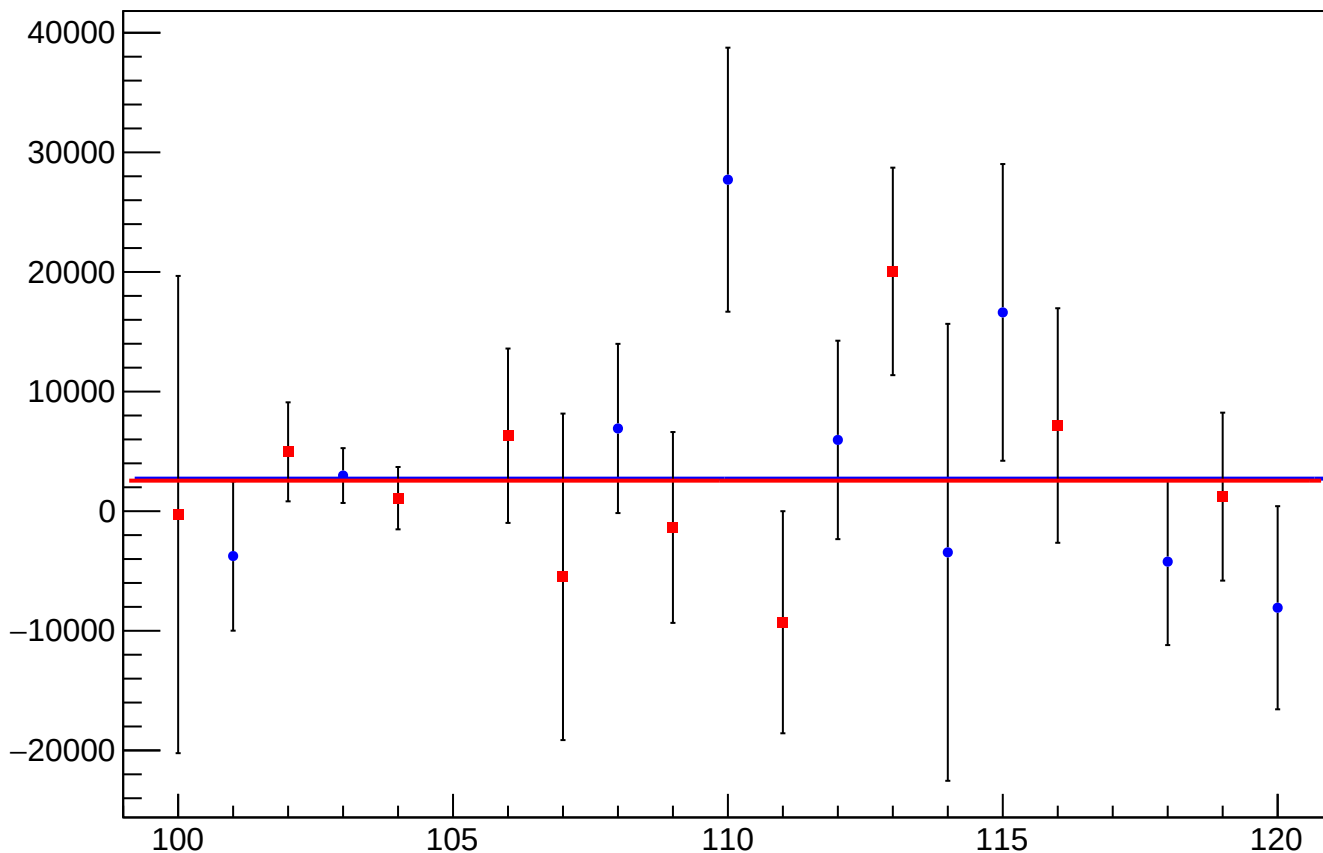
Right: 1475.298+/-0.494 χ^2/NDF : 6213670.4/18

In: 1699.144+/-0.824 χ^2/NDF : 2687770.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1475.298+/-0.494 χ^2/NDF : 6213670.4/18

asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2721.910+/-1818.369 χ^2/NDF : 10.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2553.635+/-1815.062 χ^2/NDF : 7.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

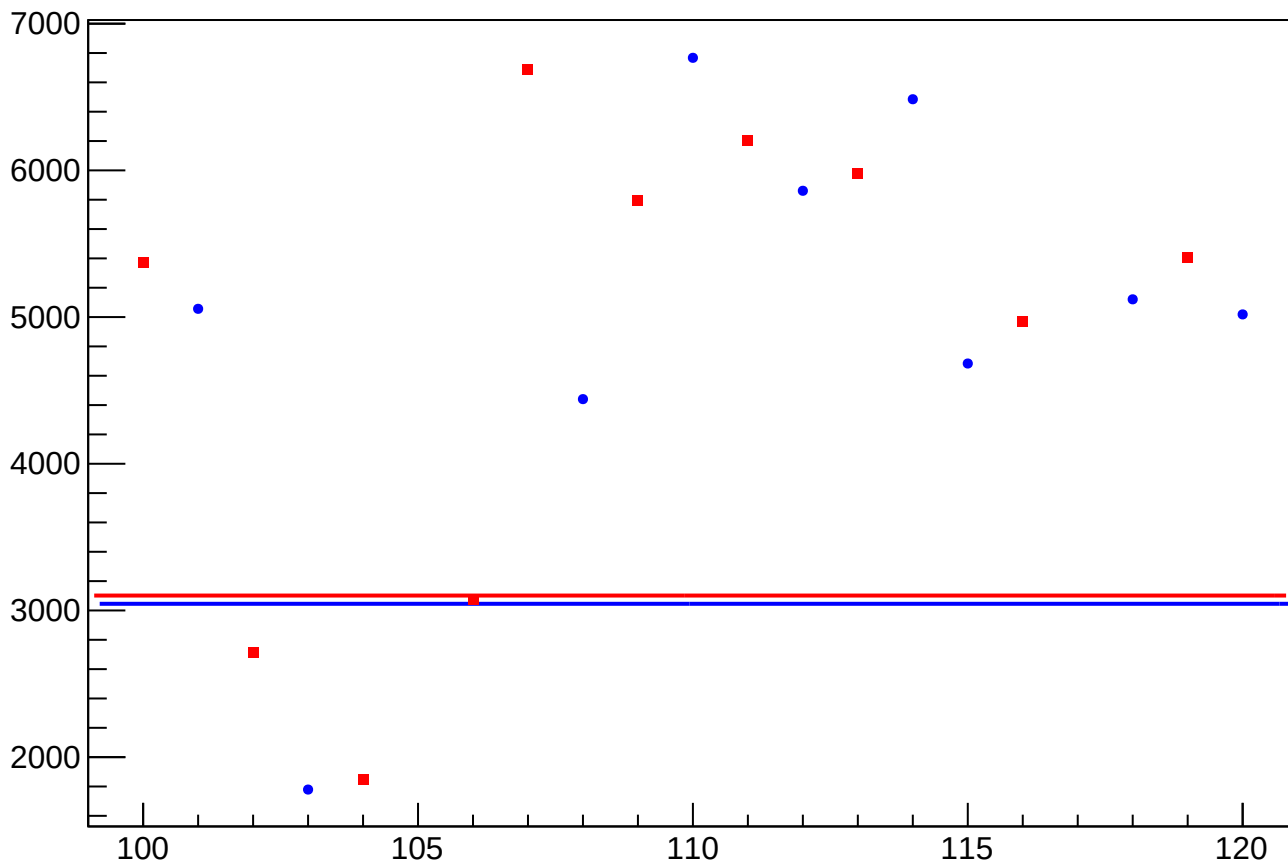
Right: 2637.619+/-1284.610 χ^2/NDF : 18.2/18

In: 2721.910+/-1818.369 χ^2/NDF : 10.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2637.619+/-1284.610 χ^2/NDF : 18.2/18

asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 3045.408+/-1.286 χ^2/NDF : 1738579.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3101.658+/-1.266 χ^2/NDF : 1601167.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

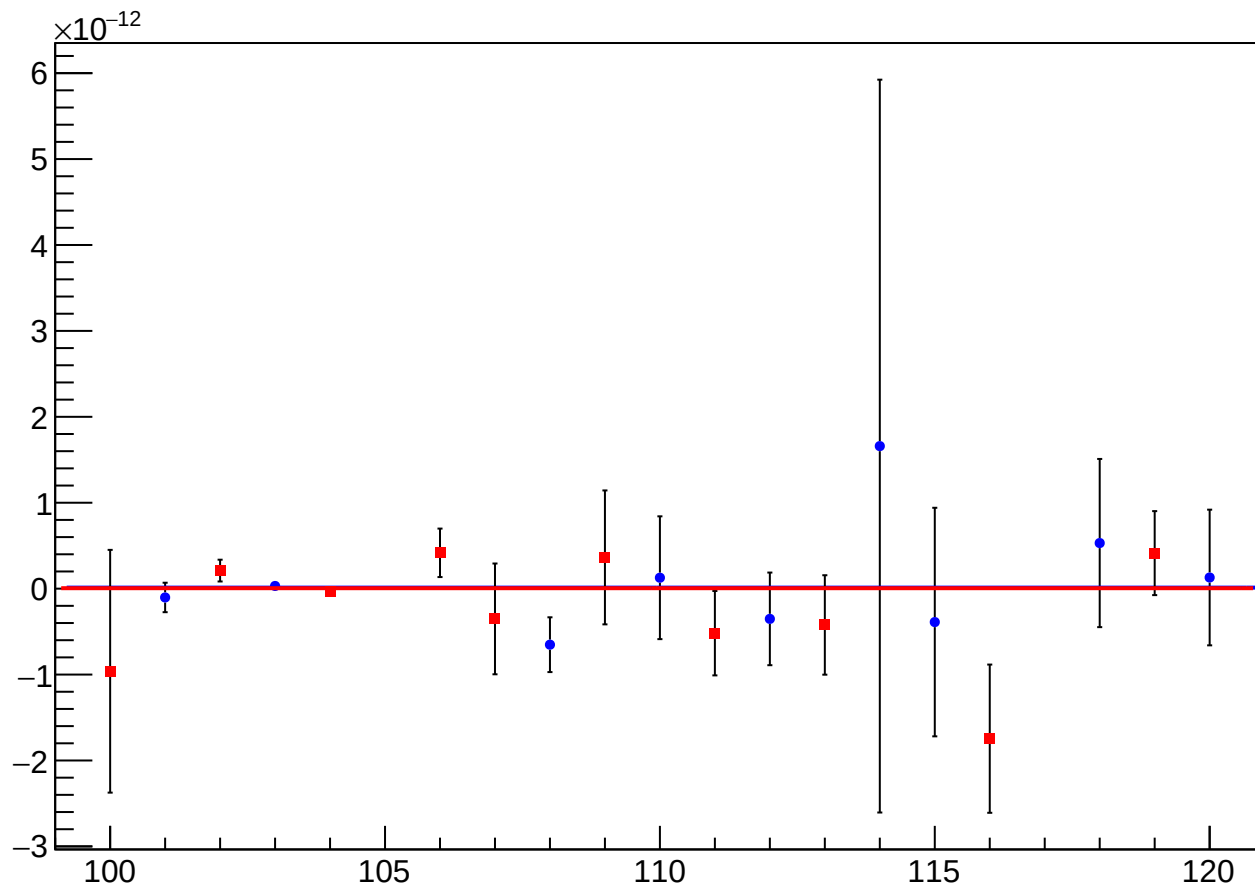
Right: 3073.969+/-0.902 χ^2/NDF : 3340718.5/18

In: 3045.408+/-1.286 χ^2/NDF : 1738579.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3073.969+/-0.902 χ^2/NDF : 3340718.5/18

asym_atl1r2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

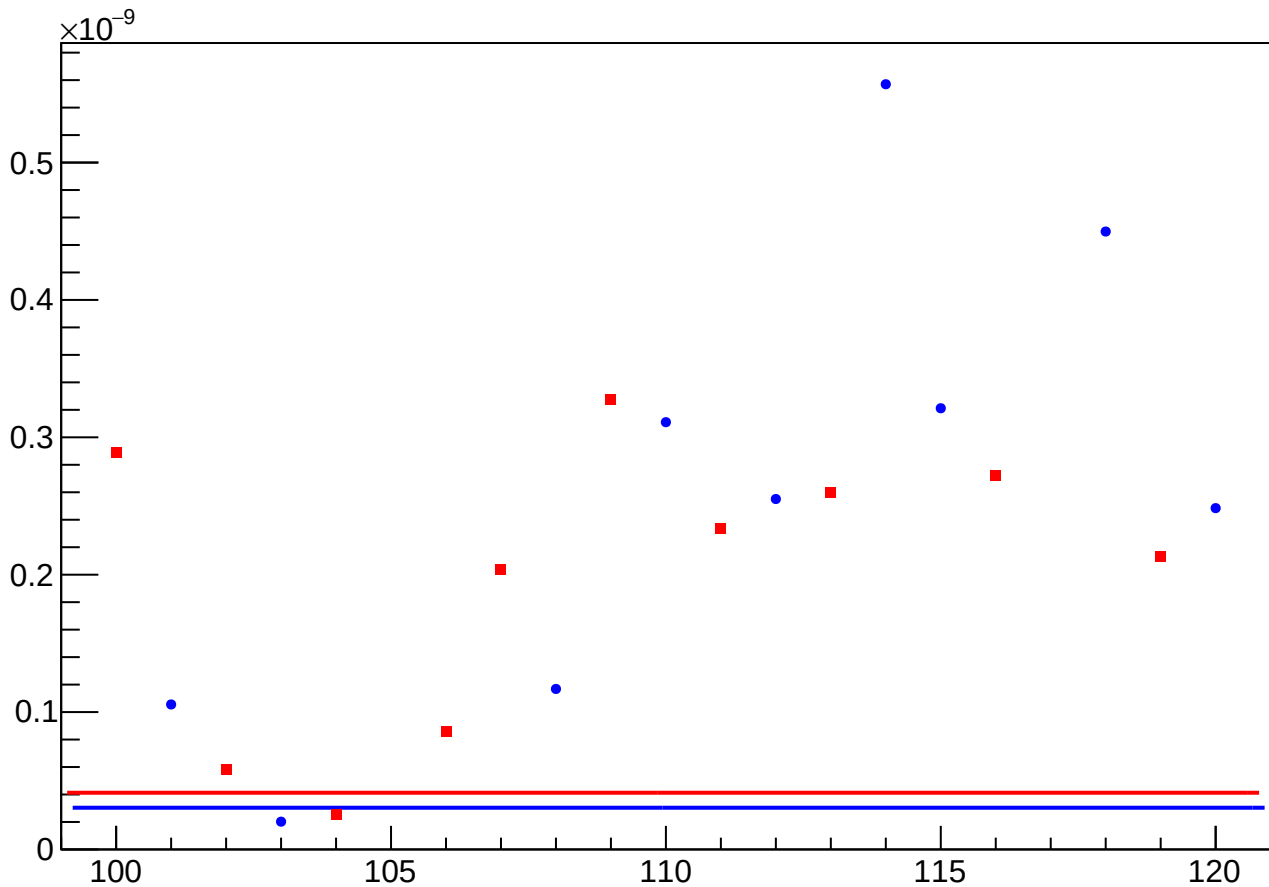
Right: 0.000+/-0.000 χ^2/NDF : 18.8/18

In: 0.000+/-0.000 χ^2/NDF : 6.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.8/18

asym_atl1r2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1949057.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1686255.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

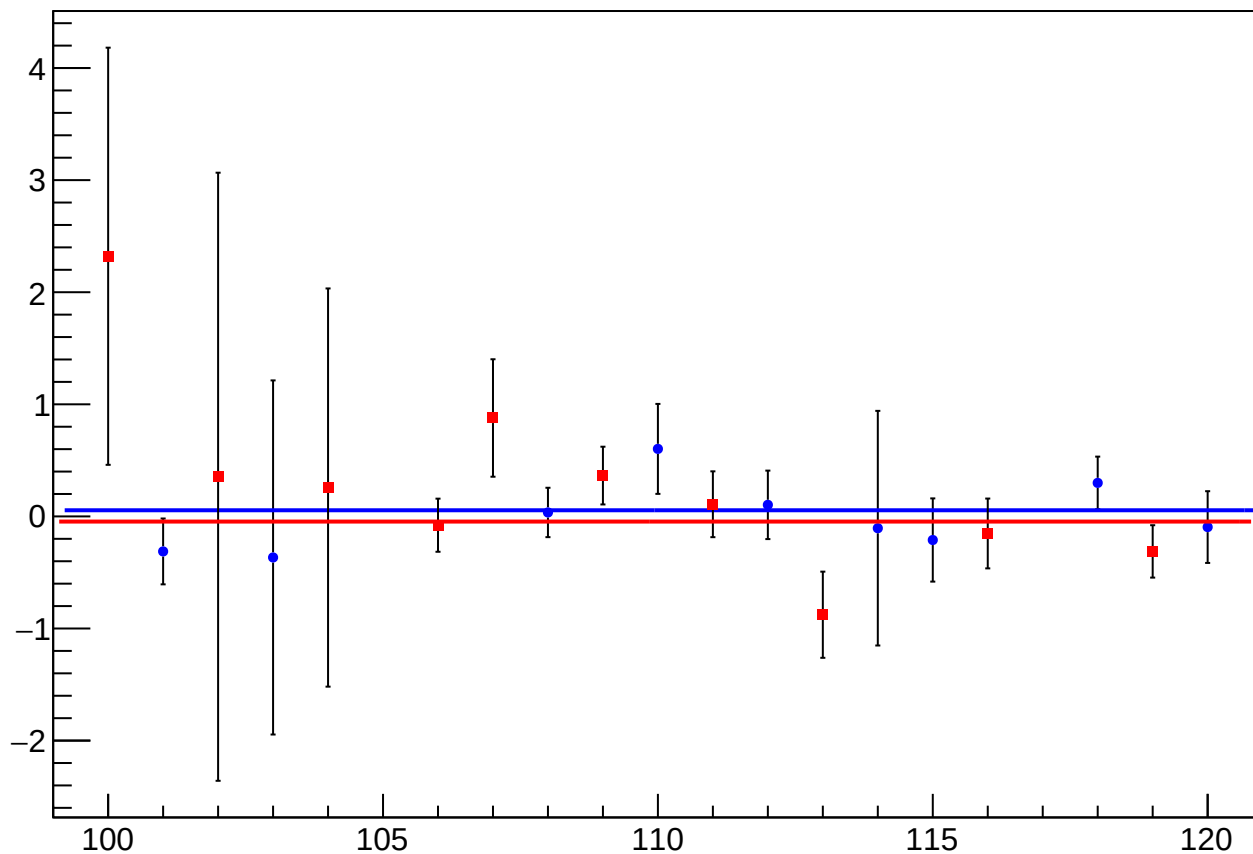
Right: 0.000+/-0.000 χ^2/NDF : 3694545.3/18

In: 0.000+/-0.000 χ^2/NDF : 1949057.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3694545.3/18

asym_atl1r2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.055+/-0.108 χ^2/NDF : 5.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.046+/-0.109 χ^2/NDF : 13.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

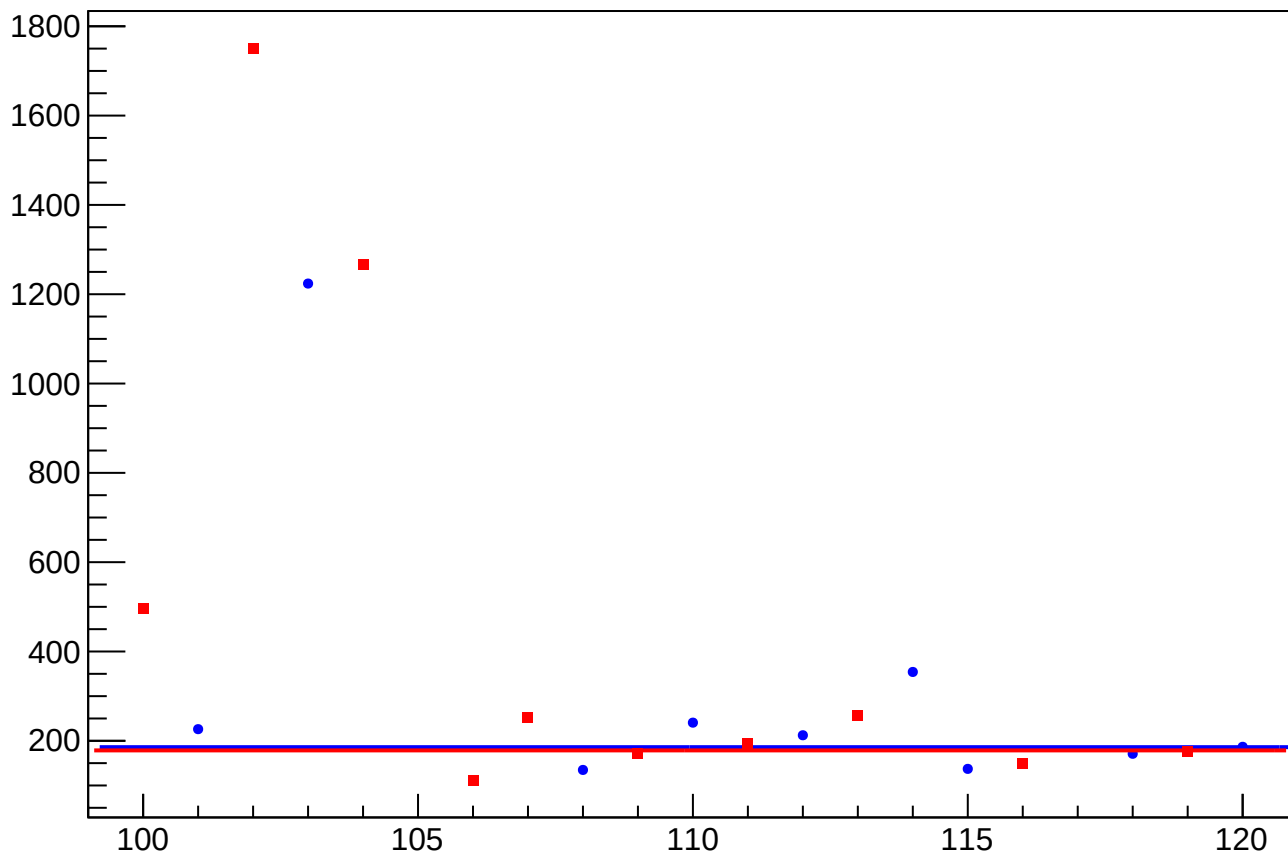
Right: 0.005+/-0.077 χ^2/NDF : 19.5/18

In: 0.055+/-0.108 χ^2/NDF : 5.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.077 χ^2/NDF : 19.5/18

asym_atl1r2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 185.772+/-0.076 χ^2/NDF : 1155457.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 178.547+/-0.077 χ^2/NDF : 1791256.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

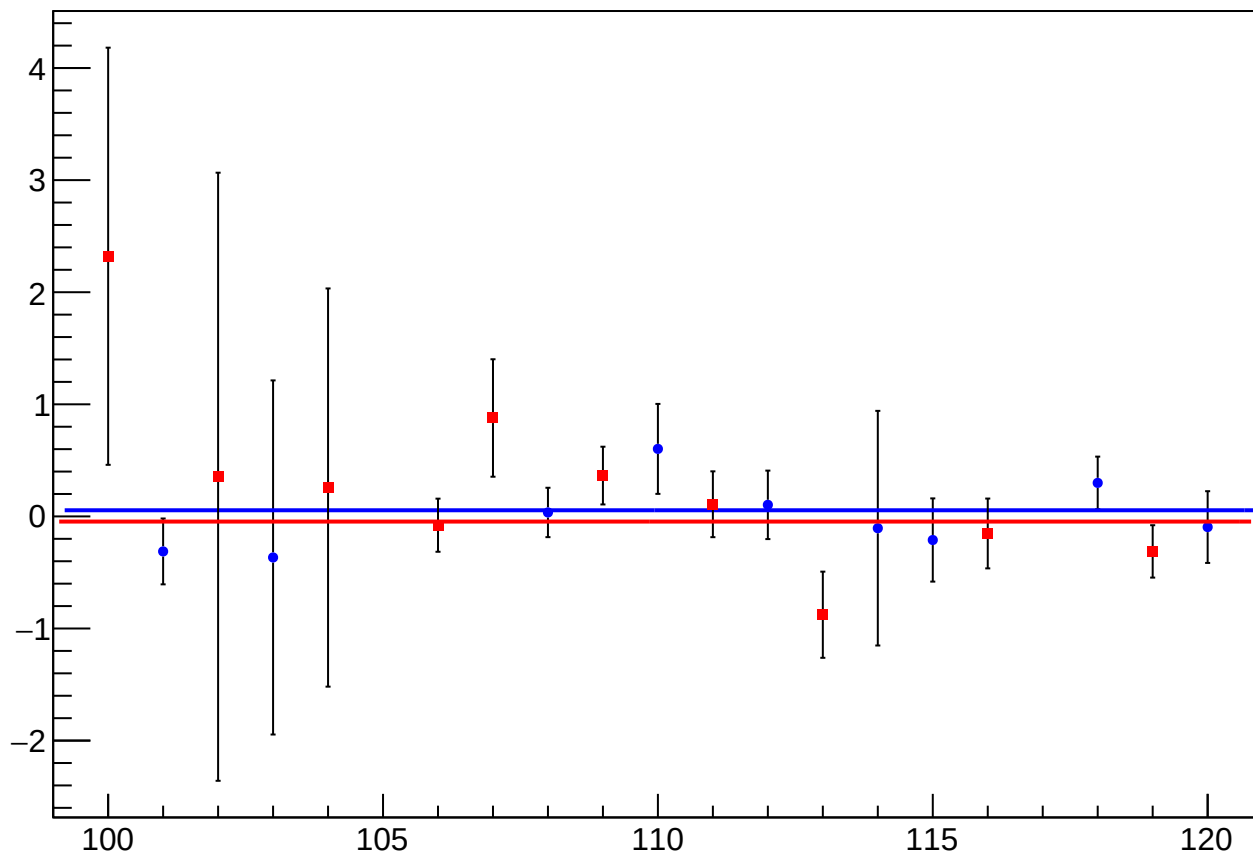
Right: 182.190+/-0.054 χ^2/NDF : 2951148.9/18

In: 185.772+/-0.076 χ^2/NDF : 1155457.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.190+/-0.054 χ^2/NDF : 2951148.9/18

asym_atl1r2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.055+/-0.108 χ^2/NDF : 5.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.046+/-0.109 χ^2/NDF : 13.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

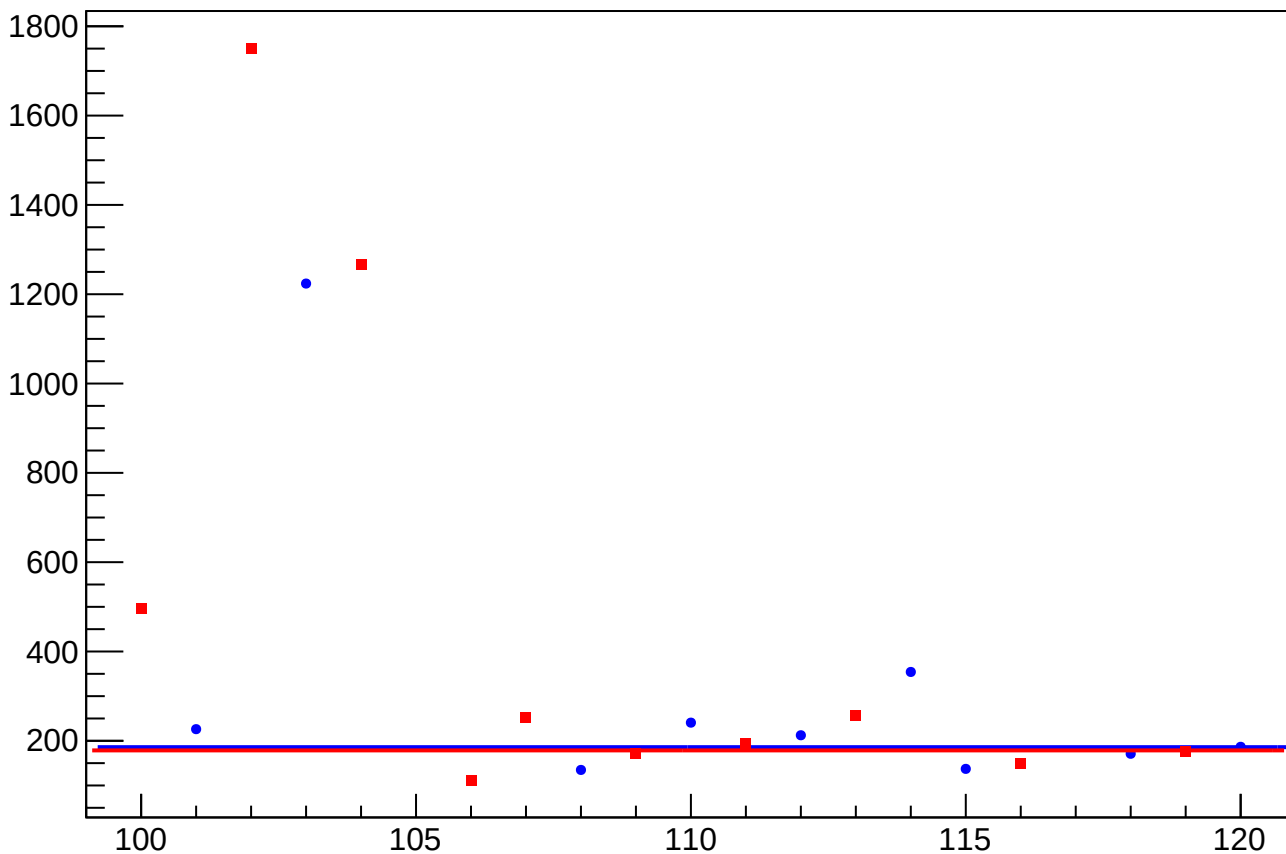
Right: 0.005+/-0.077 χ^2/NDF : 19.5/18

In: 0.055+/-0.108 χ^2/NDF : 5.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.077 χ^2/NDF : 19.5/18

asym_atl1r2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 185.772+/-0.076 χ^2/NDF : 1155457.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 178.547+/-0.077 χ^2/NDF : 1791256.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

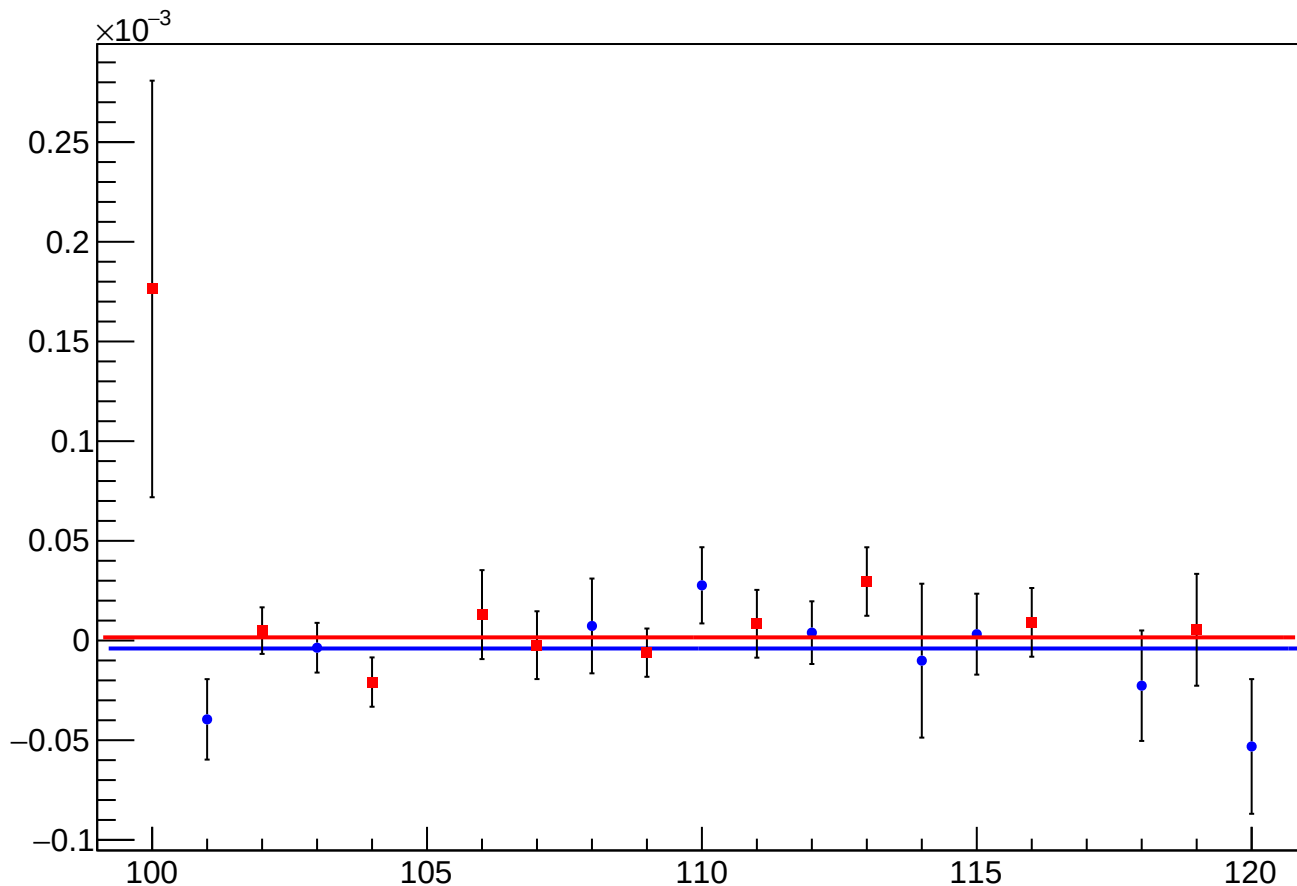
Right: 182.190+/-0.054 χ^2/NDF : 2951148.9/18

In: 185.772+/-0.076 χ^2/NDF : 1155457.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.190+/-0.054 χ^2/NDF : 2951148.9/18

asym_atl1r2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 9.1/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 9.9/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

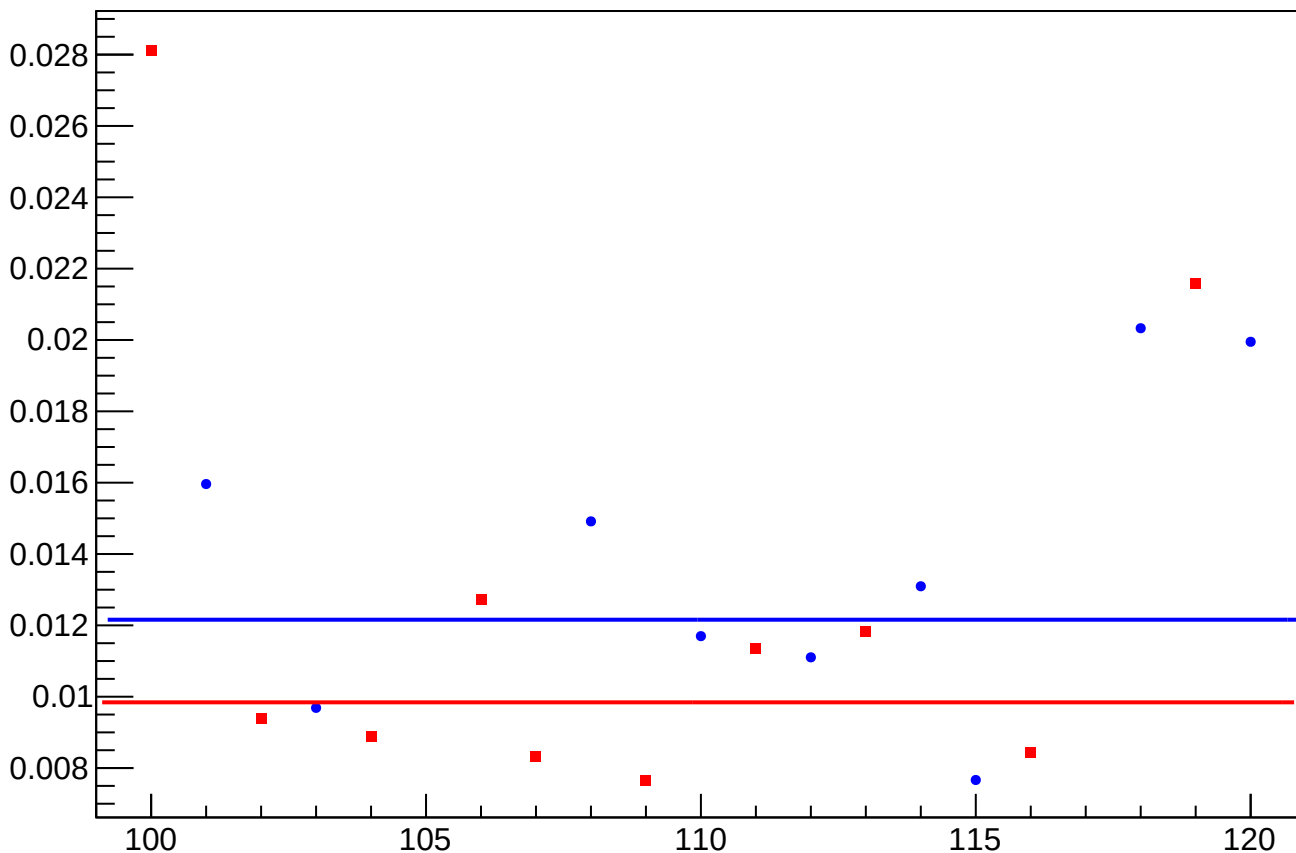
Right: -0.000+/-0.000 χ^2 /NDF: 19.4/18

In: -0.000+/-0.000 χ^2 /NDF:9.1/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 19.4/18

asym_atl1r2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 566199.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 595897.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

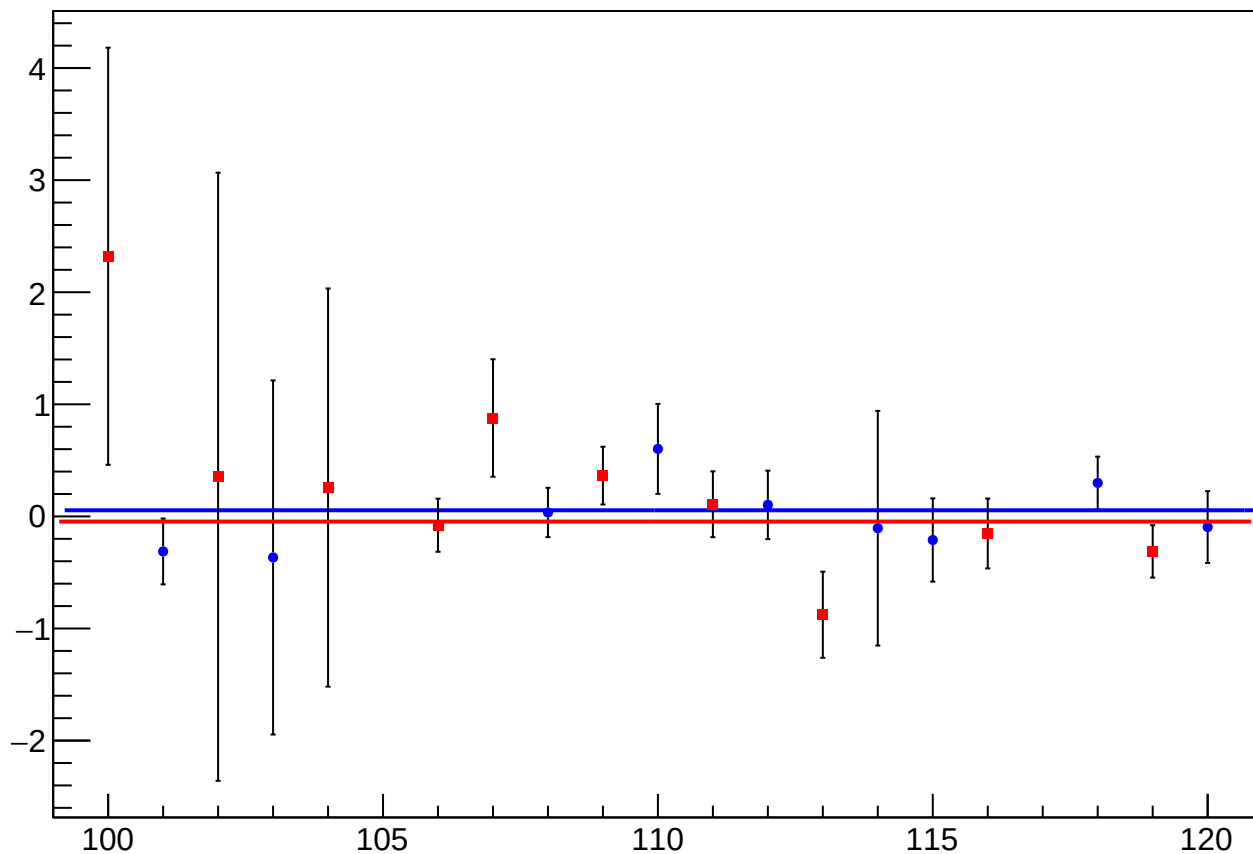
Right: 0.011+/-0.000 χ^2/NDF : 1314239.3/18

In: 0.012+/-0.000 χ^2/NDF :566199.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 1314239.3/18

asym_atl1r2_avg_eigen_dit_vs_slug, Sign Corrected



Right In: 0.055+/-0.108 χ^2/NDF : 5.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.046+/-0.109 χ^2/NDF : 13.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

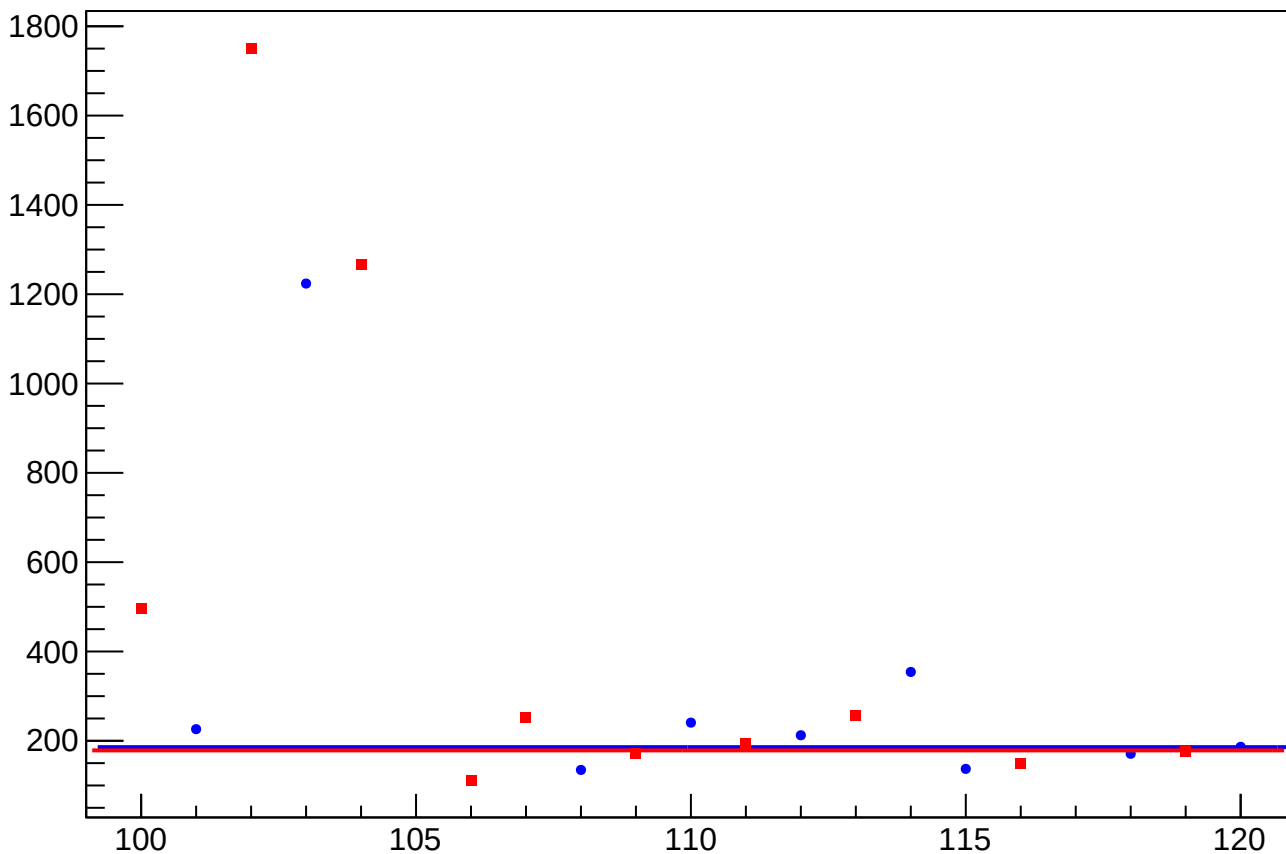
Right: 0.005+/-0.077 χ^2/NDF : 19.5/18

In: 0.055+/-0.108 χ^2/NDF : 5.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.077 χ^2/NDF : 19.5/18

asym_atl1r2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 185.771+/-0.076 χ^2/NDF : 1155466.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 178.546+/-0.077 χ^2/NDF : 1791277.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

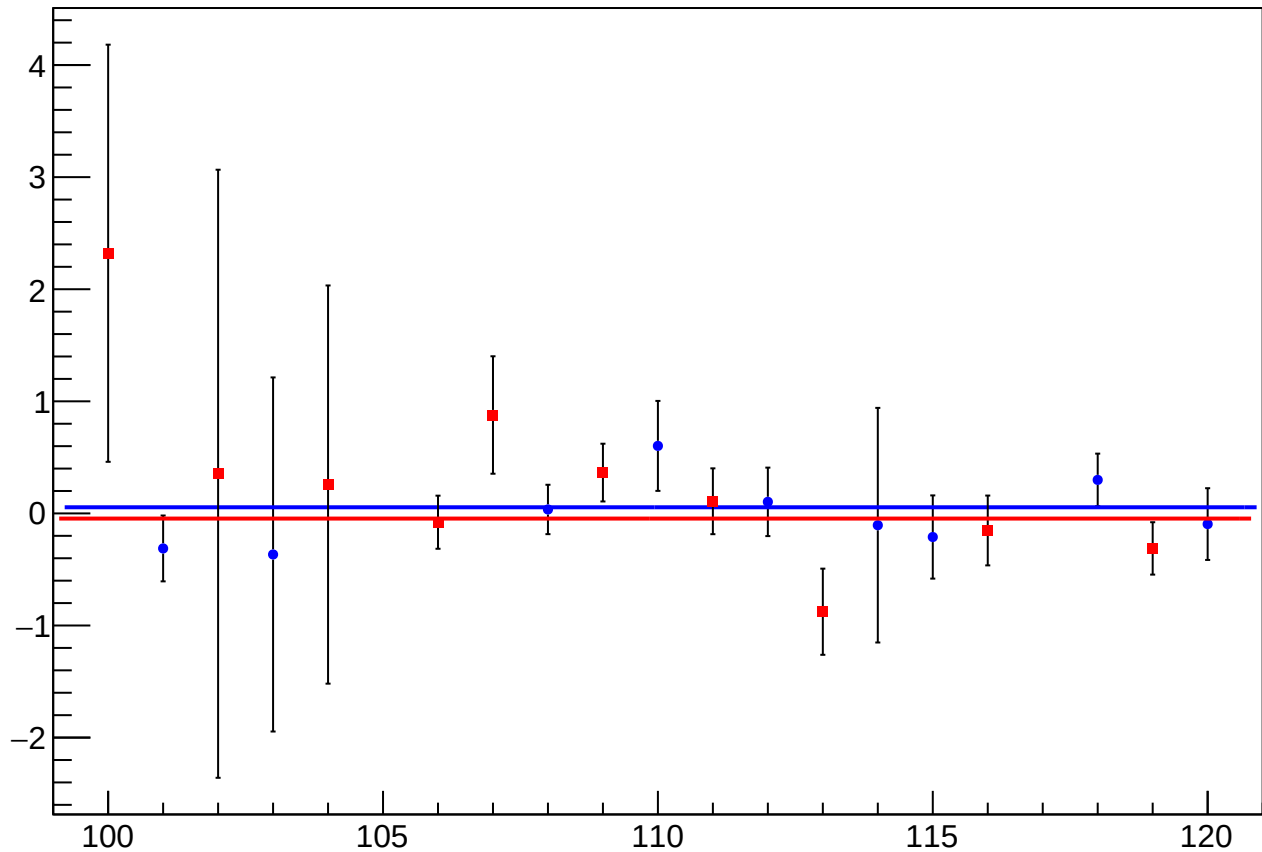
Right: 182.189+/-0.054 χ^2/NDF : 2951178.8/18

In: 185.771+/-0.076 χ^2/NDF : 1155466.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.189+/-0.054 χ^2/NDF : 2951178.8/18

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.055+/-0.108 χ^2/NDF : 5.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.046+/-0.109 χ^2/NDF : 13.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

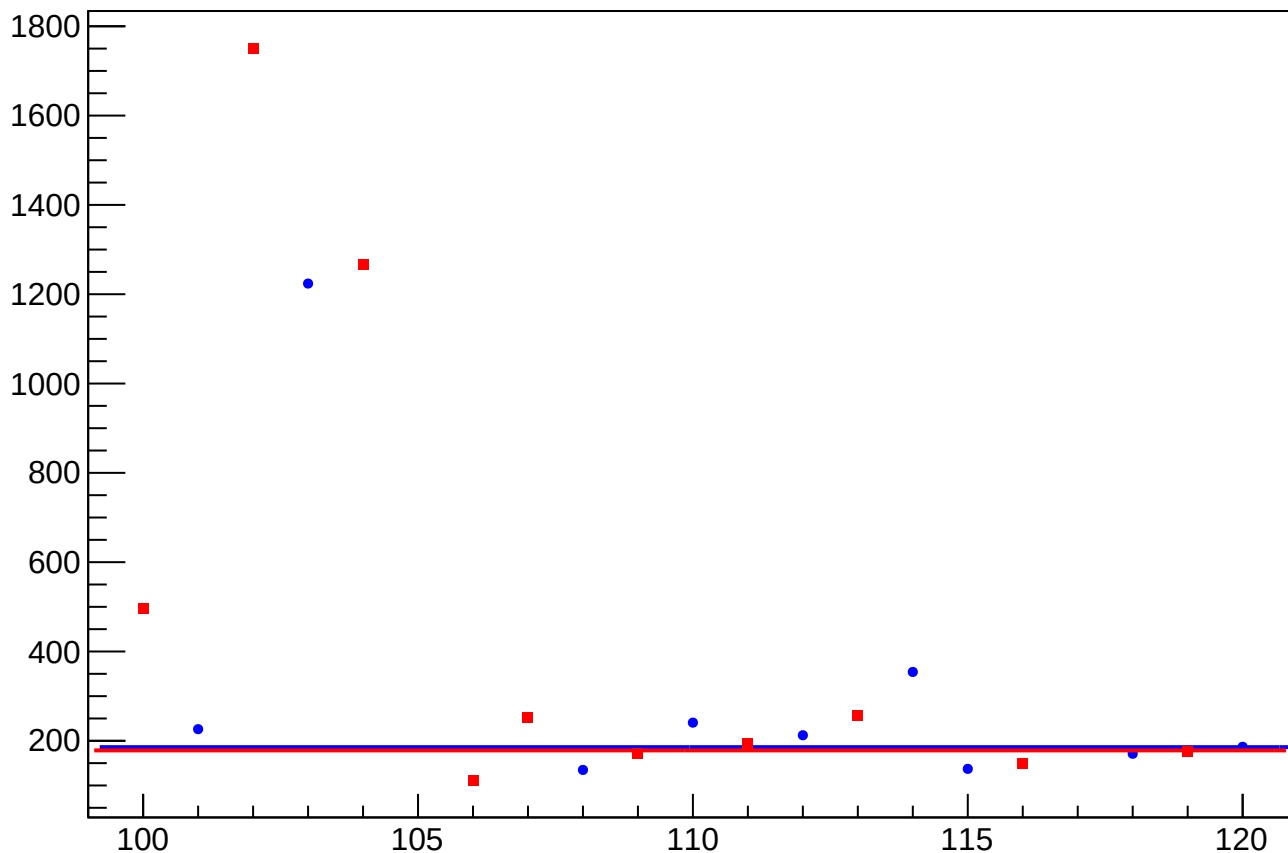
Right: 0.005+/-0.077 χ^2/NDF : 19.5/18

In: 0.055+/-0.108 χ^2/NDF : 5.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.077 χ^2/NDF : 19.5/18

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 185.771+/-0.076 χ^2/NDF : 1155466.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 178.546+/-0.077 χ^2/NDF : 1791277.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

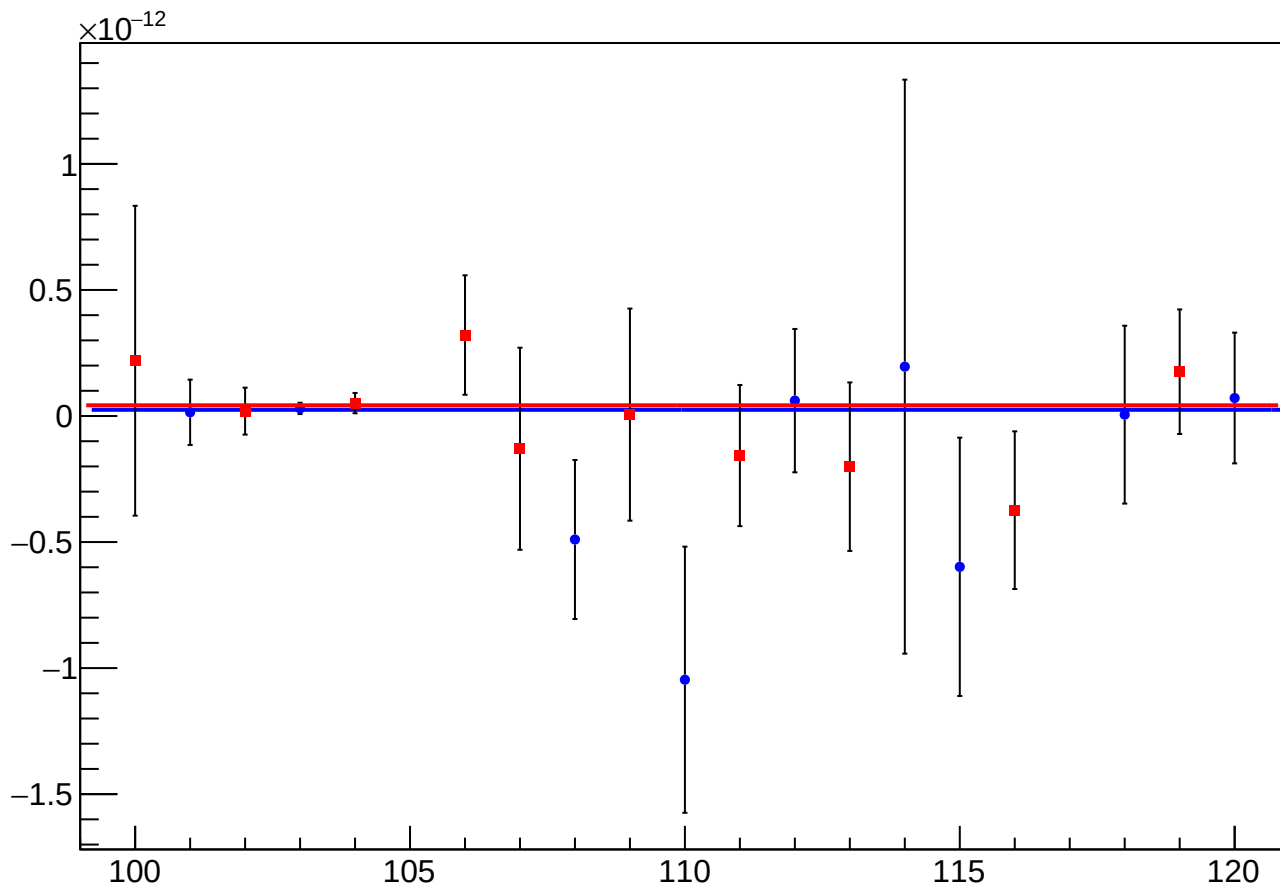
Right: 182.189+/-0.054 χ^2/NDF : 2951178.8/18

In: 185.771+/-0.076 χ^2/NDF : 1155466.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.189+/-0.054 χ^2/NDF : 2951178.8/18

asym_atl1r2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

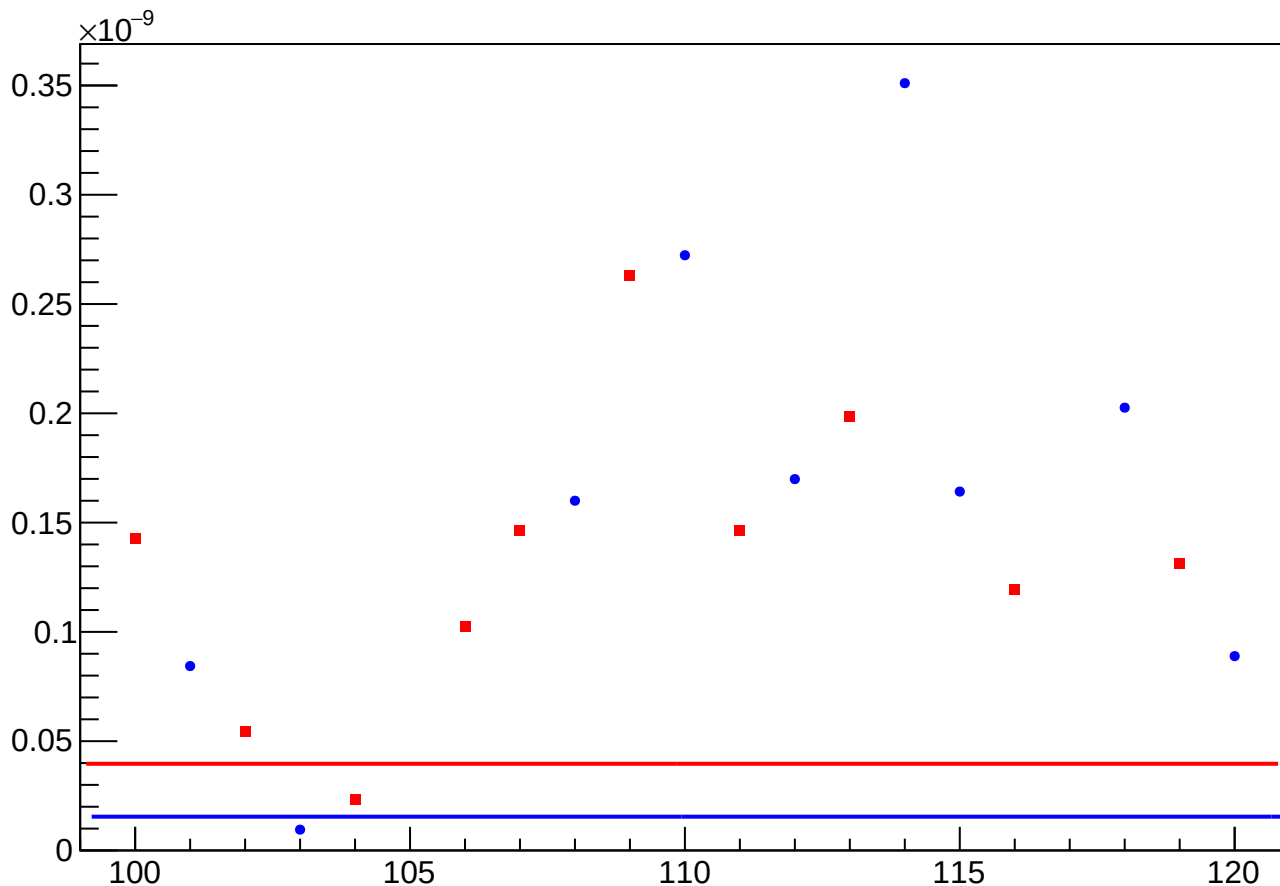
Right: 0.000+/-0.000 χ^2/NDF : 13.4/18

In: 0.000+/-0.000 χ^2/NDF : 8.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.4/18

asym_atl1r2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3255161.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2435752.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

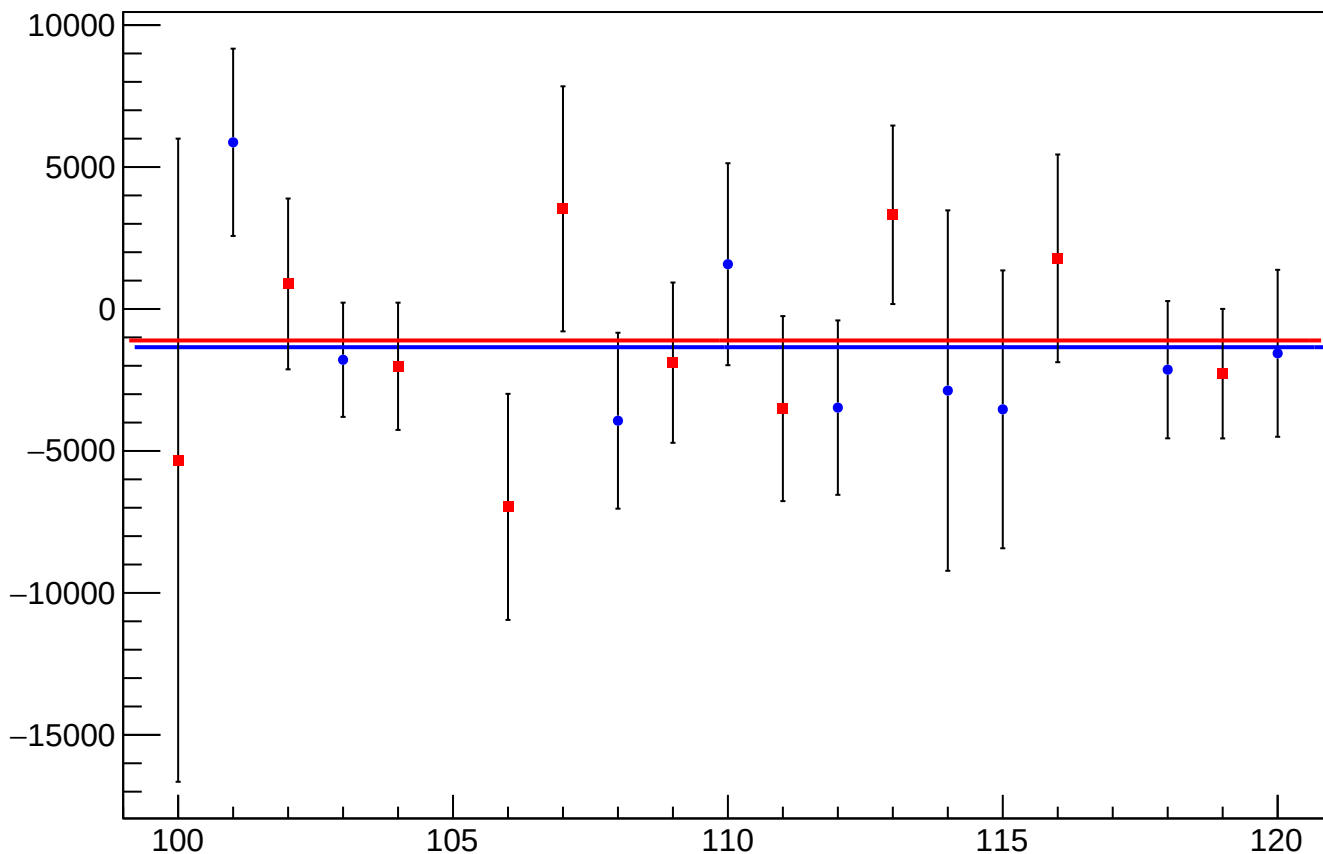
Right: 0.000+/-0.000 χ^2/NDF : 6376679.5/18

In: 0.000+/-0.000 χ^2/NDF : 3255161.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6376679.5/18

reg_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1345.399+/-1009.303 χ^2/NDF : 7.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1107.948+/-989.143 χ^2/NDF : 7.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

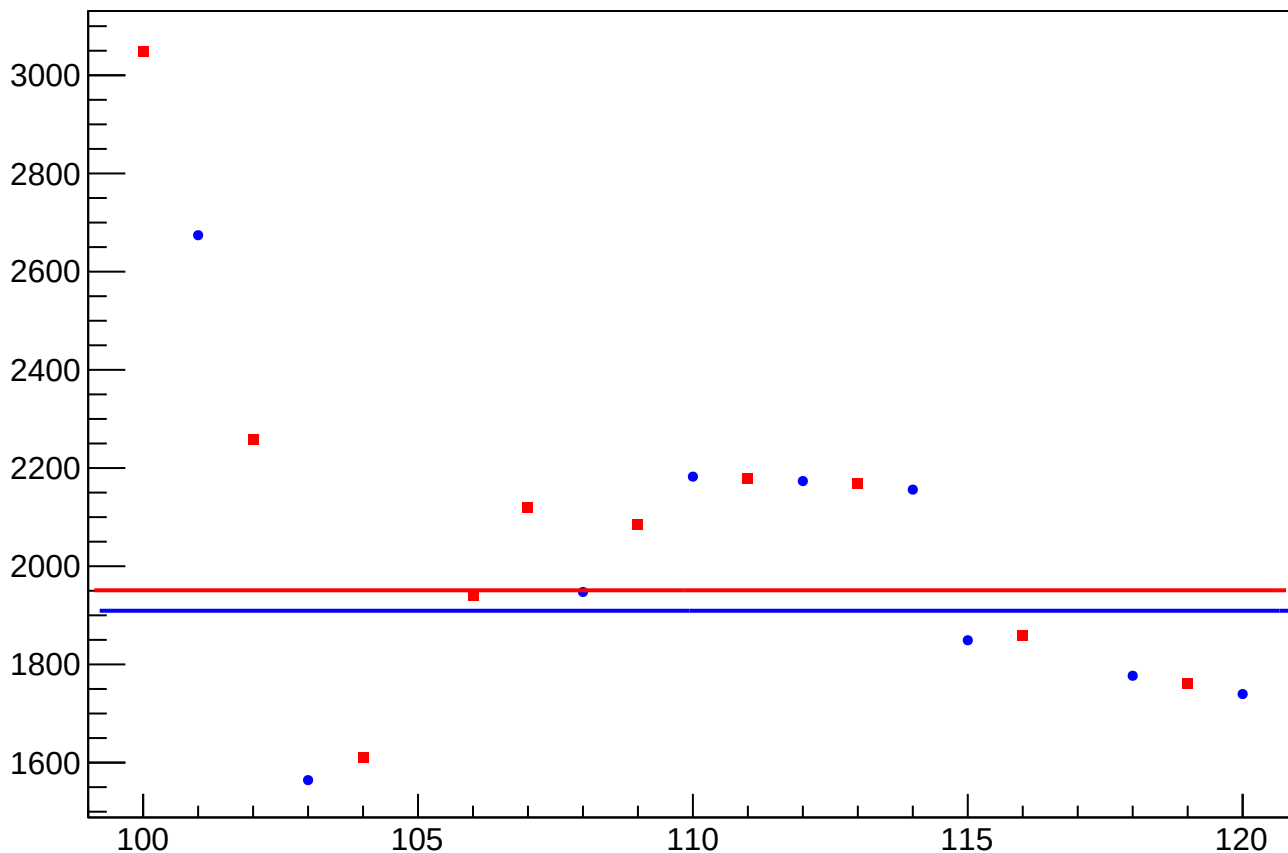
Right: -1224.279+/-706.450 χ^2/NDF : 14.6/18

In: -1345.399+/-1009.303 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1224.279+/-706.450 χ^2/NDF : 14.6/18

reg_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1909.303+/-0.714 χ^2/NDF : 209263.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1950.944+/-0.696 χ^2/NDF : 128068.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

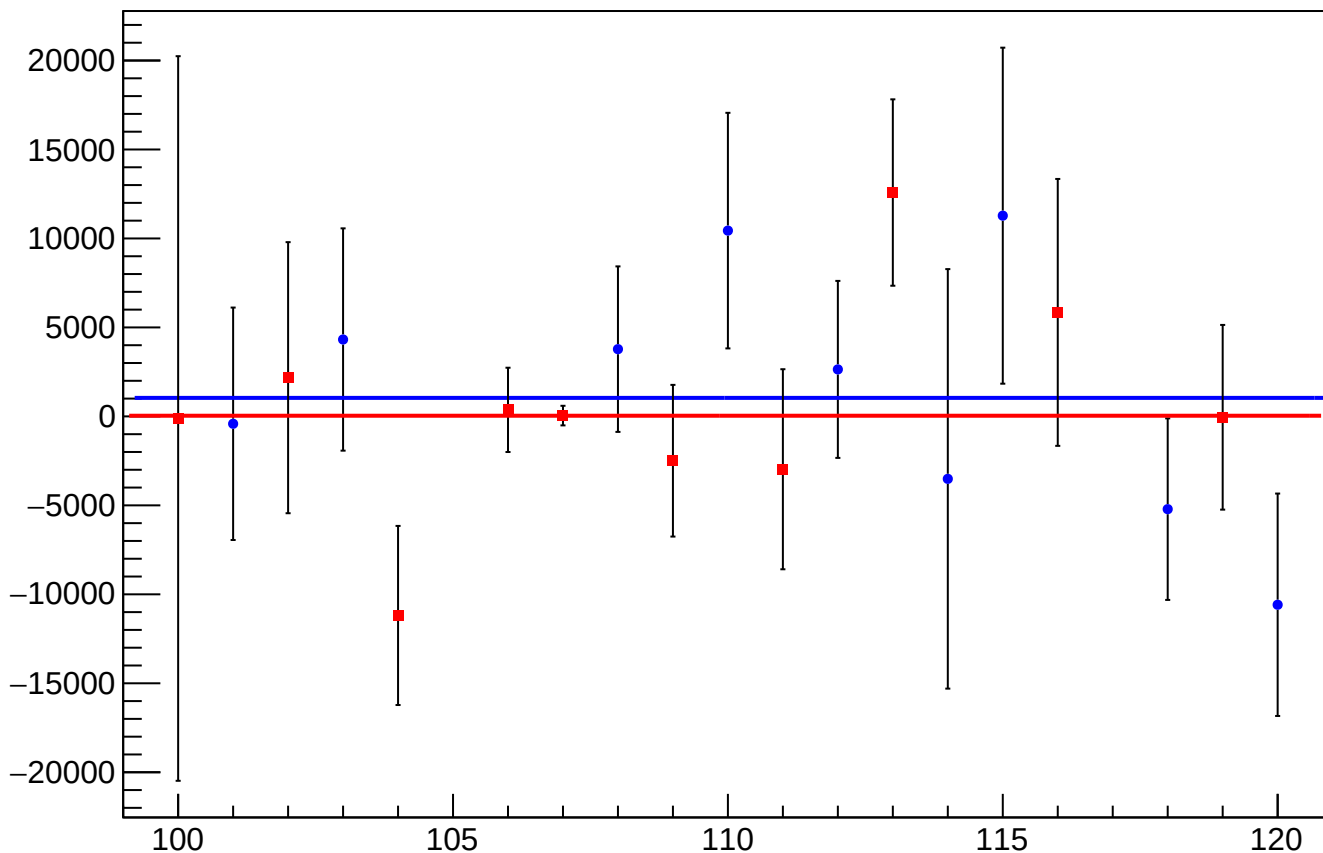
Right: 1930.638+/-0.498 χ^2/NDF : 339075.5/18

In: 1909.303+/-0.714 χ^2/NDF : 209263.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1930.638+/-0.498 χ^2/NDF : 339075.5/18

asym_atl1r2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 1040.141+/-2037.076 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.107+/-518.727 χ^2/NDF : 12.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

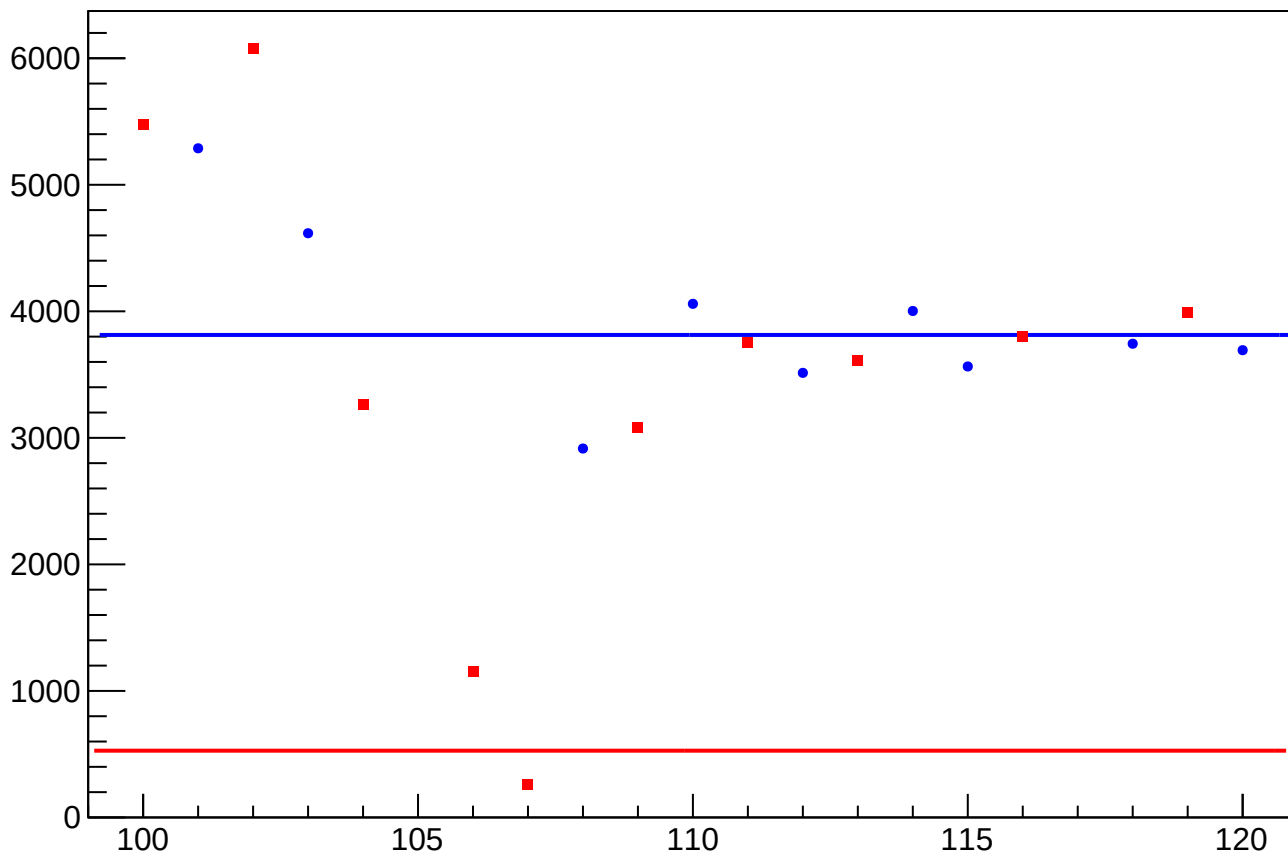
Right: 98.186+/-502.685 χ^2/NDF : 21.4/18

In: 1040.141+/-2037.076 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.186+/-502.685 χ^2/NDF : 21.4/18

asym_atl1r2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3813.279+/-1.440 χ^2/NDF : 222691.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 527.715+/-0.367 χ^2/NDF : 5711508.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

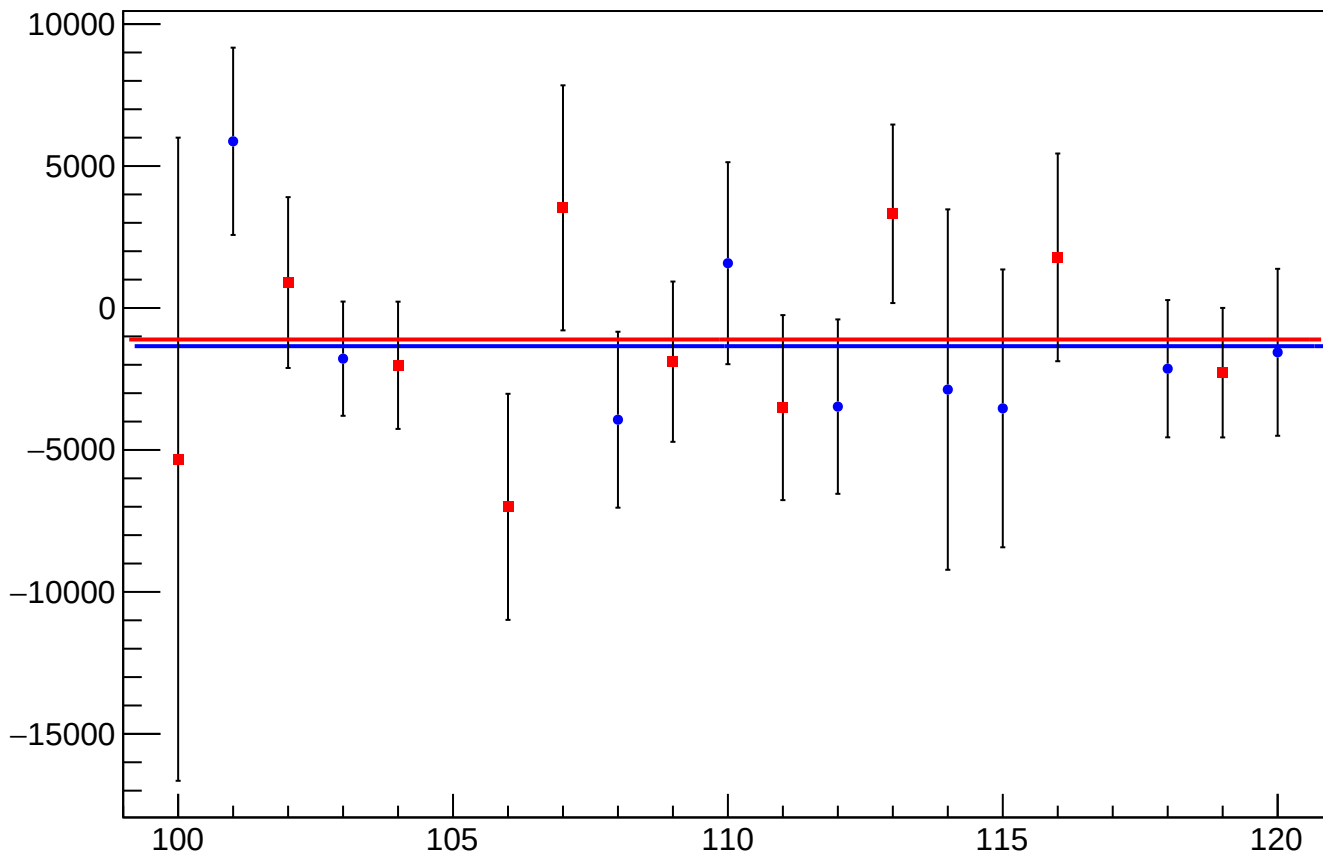
Right: 727.787+/-0.355 χ^2/NDF : 10820161.0/18

In: 3813.279+/-1.440 χ^2/NDF : 222691.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 727.787+/-0.355 χ^2/NDF : 10820161.0/18

cor_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1344.428+/-1009.304 χ^2/NDF : 7.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1108.747+/-989.148 χ^2/NDF : 7.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

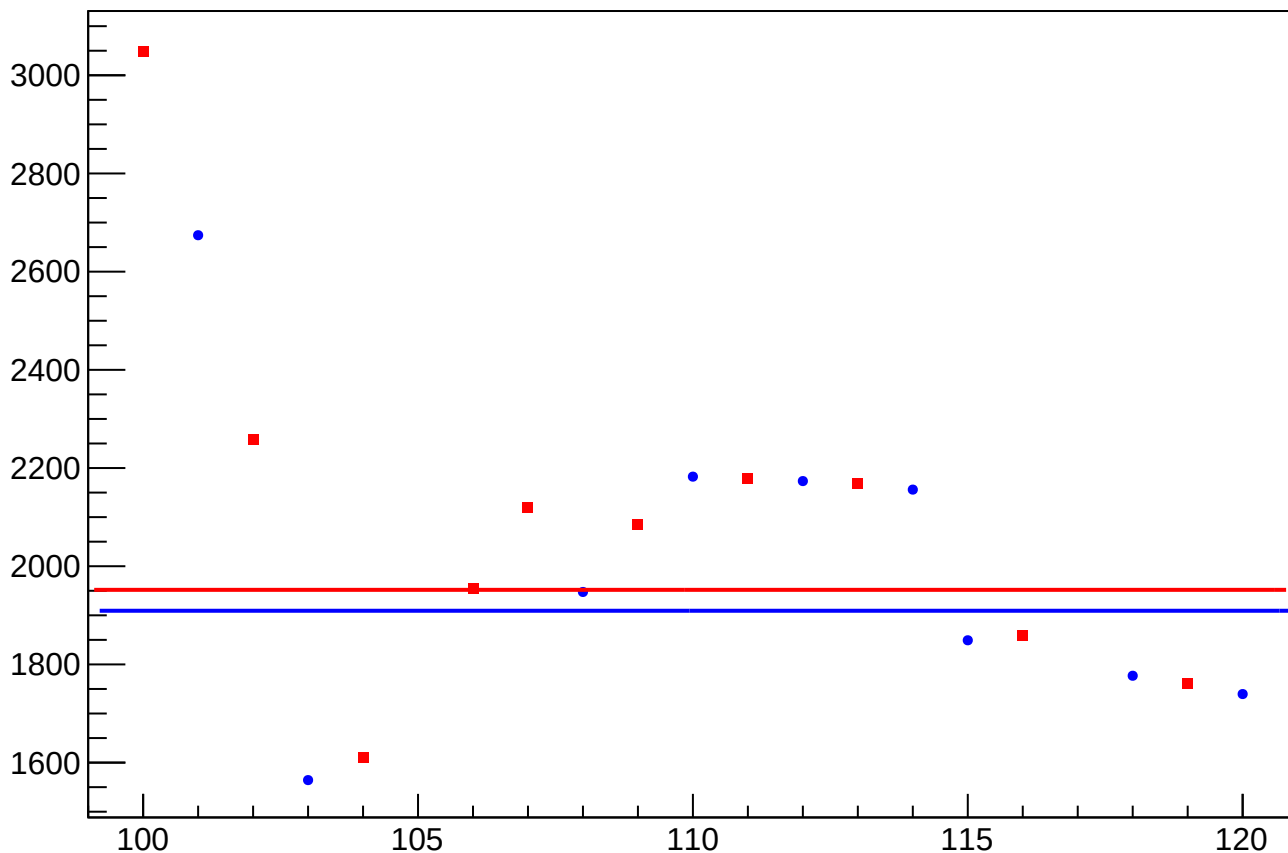
Right: -1224.211+/-706.451 χ^2/NDF : 14.7/18

In: -1344.428+/-1009.304 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1224.211+/-706.451 χ^2/NDF : 14.7/18

cor_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1909.304+/-0.714 χ^2/NDF : 209262.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1951.895+/-0.697 χ^2/NDF : 128052.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

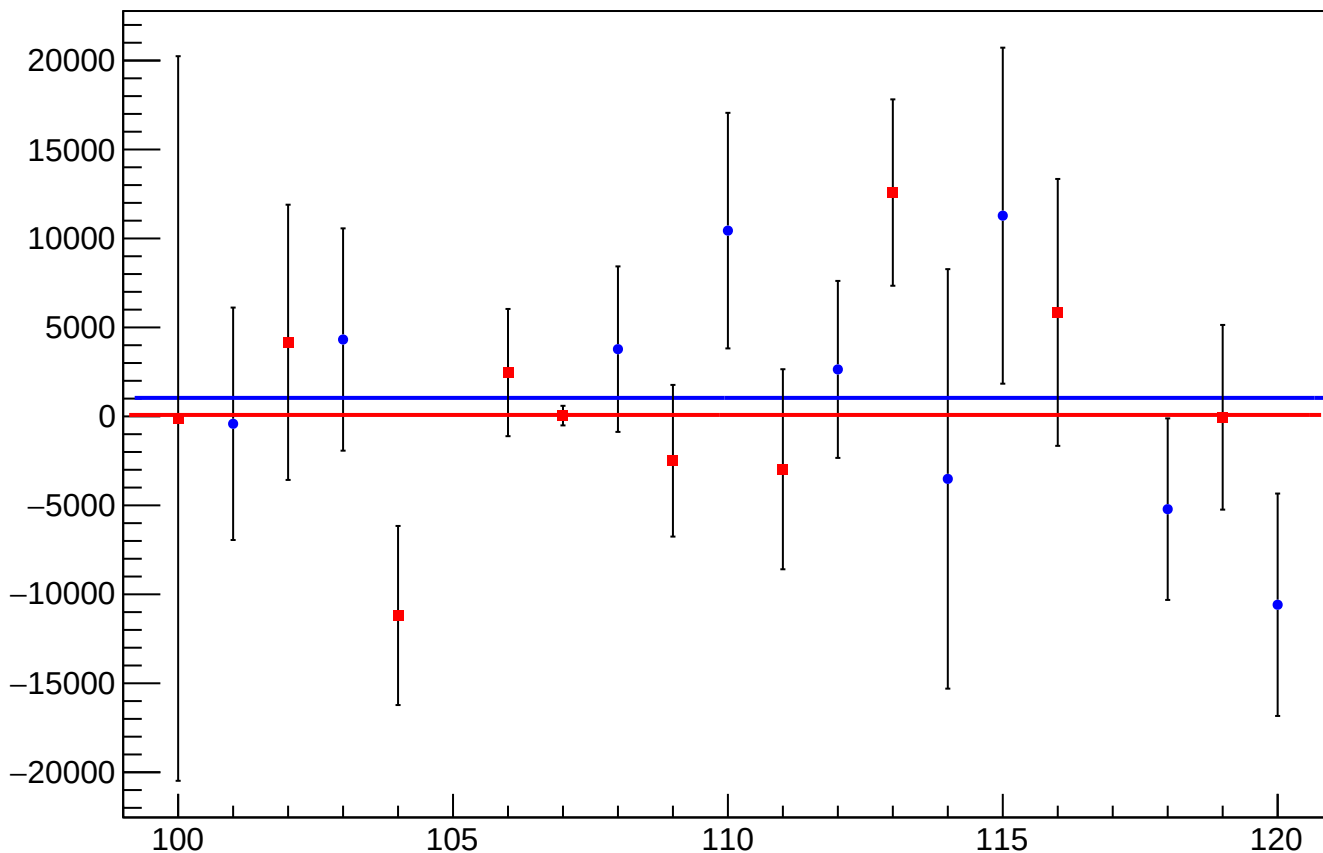
Right: 1931.116+/-0.498 χ^2/NDF : 339138.9/18

In: 1909.304+/-0.714 χ^2/NDF : 209262.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1931.116+/-0.498 χ^2/NDF : 339138.9/18

asym_atl1r2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1040.138+/-2037.092 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.640+/-525.855 χ^2/NDF : 12.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

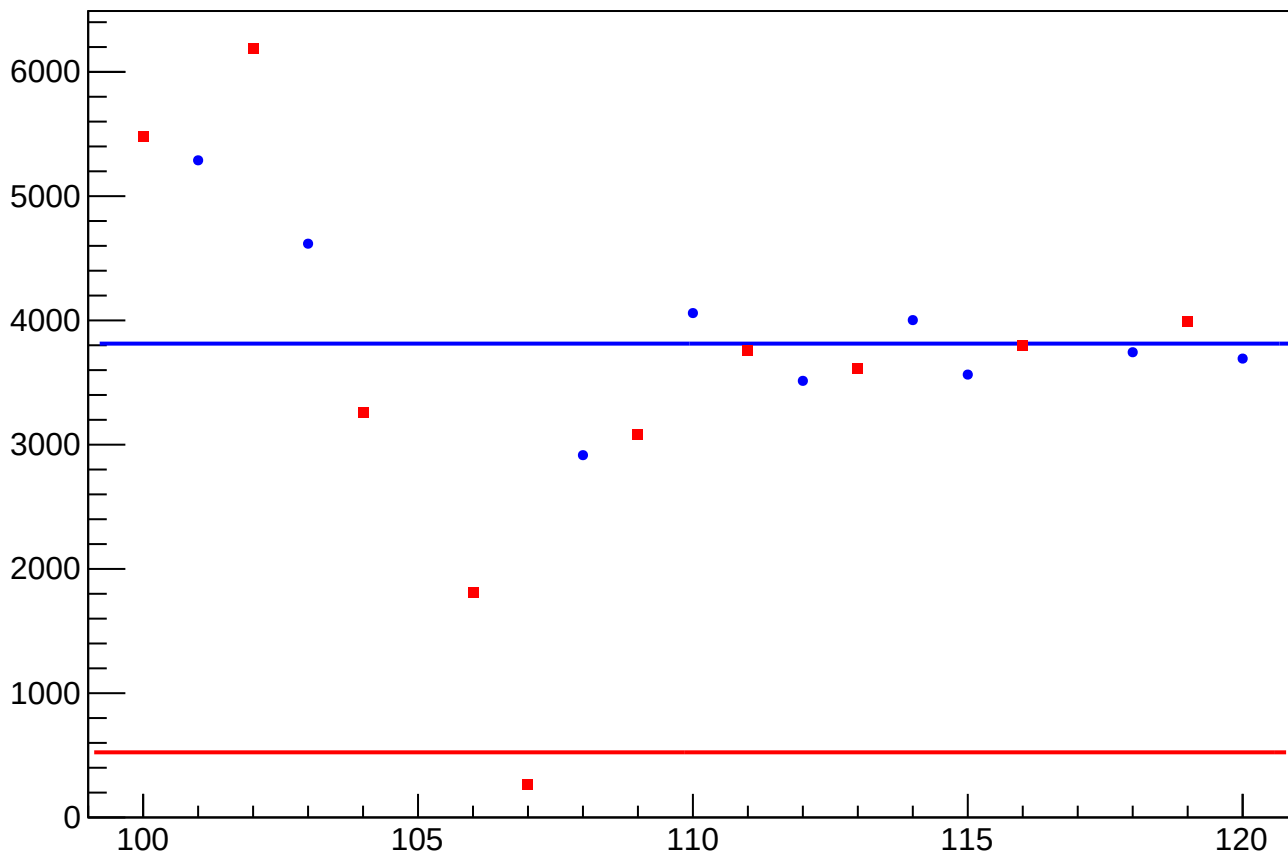
Right: 141.520+/-509.164 χ^2/NDF : 22.0/18

In: 1040.138+/-2037.092 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.520+/-509.164 χ^2/NDF : 22.0/18

asym_atl1r2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3813.297+/-1.440 χ^2/NDF : 222713.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 524.118+/-0.372 χ^2/NDF : 5837135.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

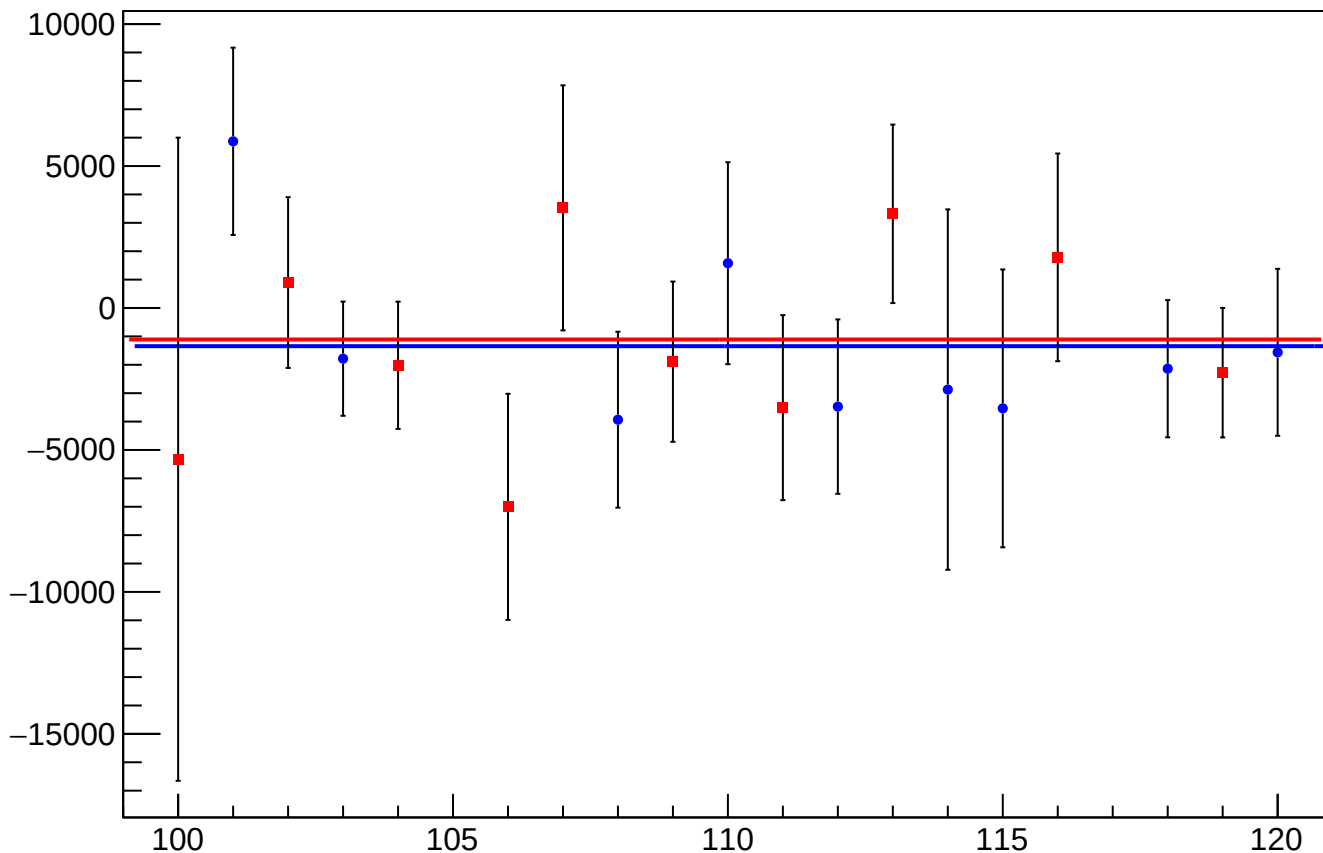
Right: 729.603+/-0.360 χ^2/NDF : 10948260.8/18

In: 3813.297+/-1.440 χ^2/NDF : 222713.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 729.603+/-0.360 χ^2/NDF : 10948260.8/18

eigen_cor_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1344.428+/-1009.304 χ^2/NDF : 7.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1108.747+/-989.148 χ^2/NDF : 7.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

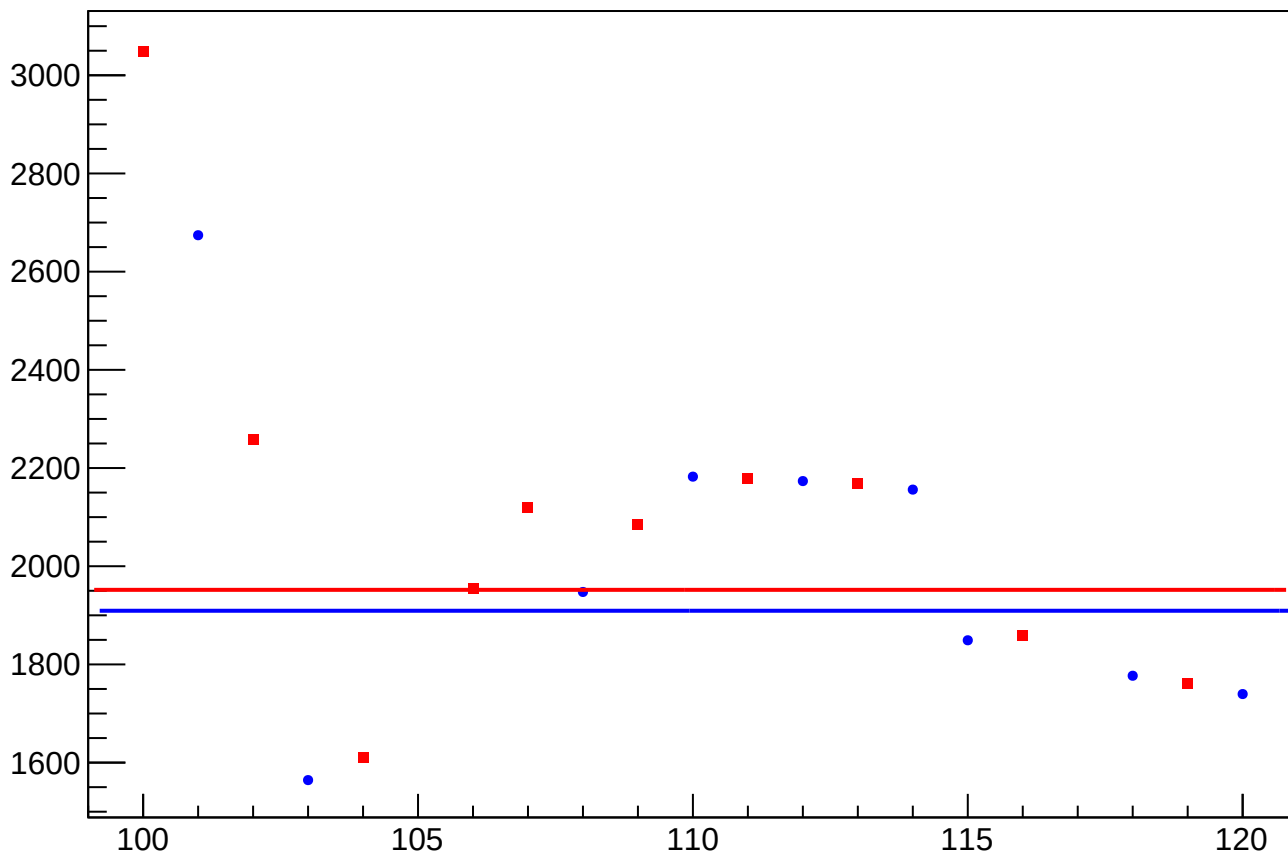
Right: -1224.211+/-706.451 χ^2/NDF : 14.7/18

In: -1344.428+/-1009.304 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1224.211+/-706.451 χ^2/NDF : 14.7/18

eigen_cor_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1909.304+/-0.714 χ^2/NDF : 209262.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1951.895+/-0.697 χ^2/NDF : 128052.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

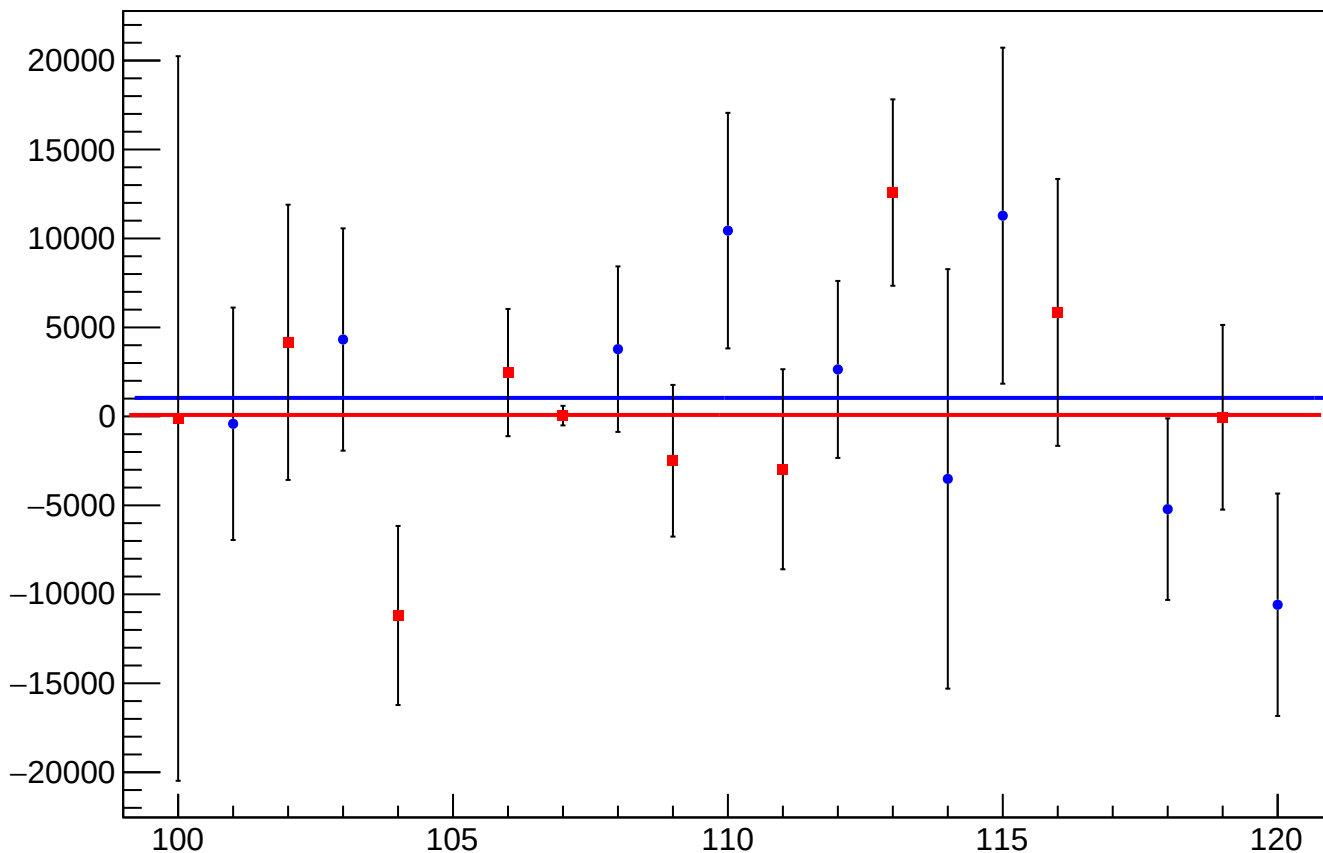
Right: 1931.116+/-0.498 χ^2/NDF : 339138.9/18

In: 1909.304+/-0.714 χ^2/NDF : 209262.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1931.116+/-0.498 χ^2/NDF : 339138.9/18

asym_atl1r2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1040.138+/-2037.092 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.640+/-525.855 χ^2/NDF : 12.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

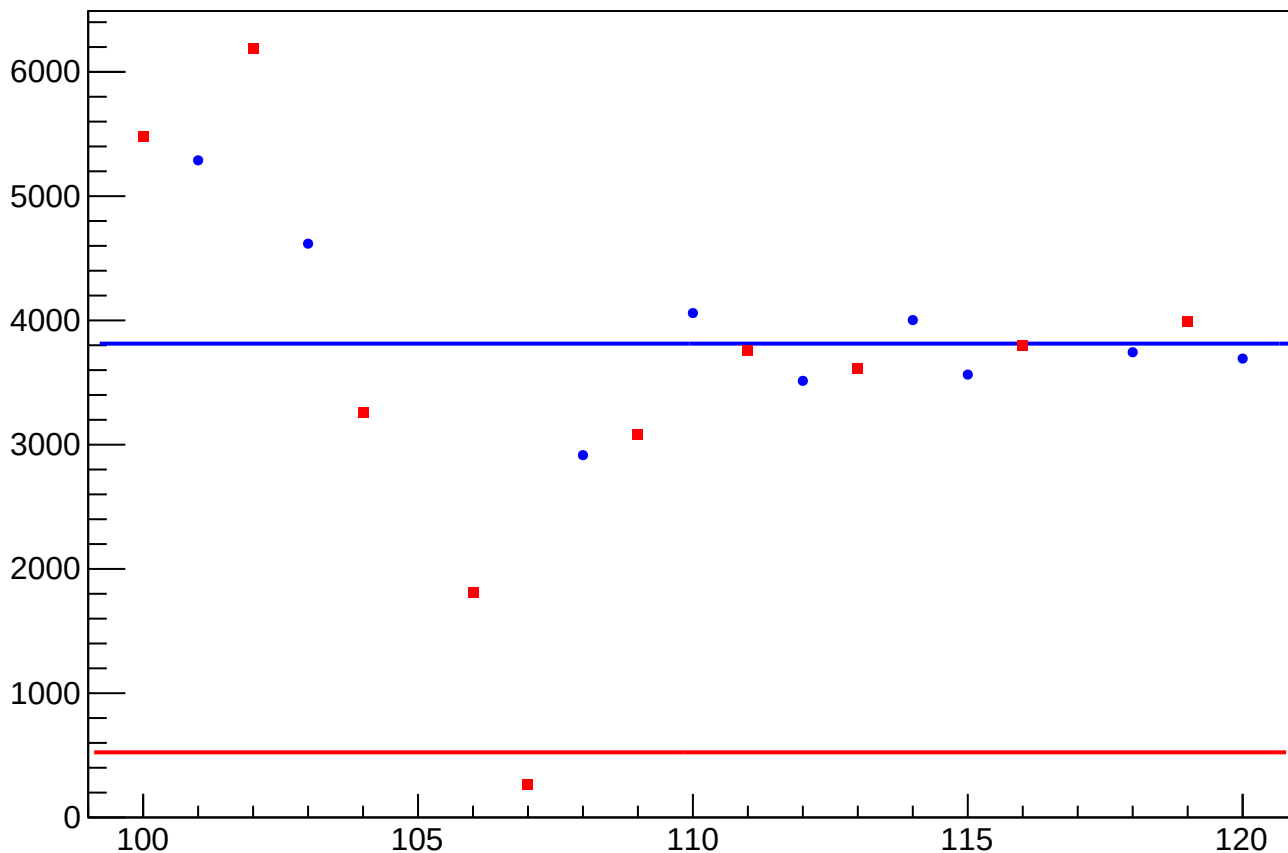
Right: 141.520+/-509.164 χ^2/NDF : 22.0/18

In: 1040.138+/-2037.092 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.520+/-509.164 χ^2/NDF : 22.0/18

asym_atl1r2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3813.297+/-1.440 χ^2/NDF : 222713.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 524.118+/-0.372 χ^2/NDF : 5837135.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

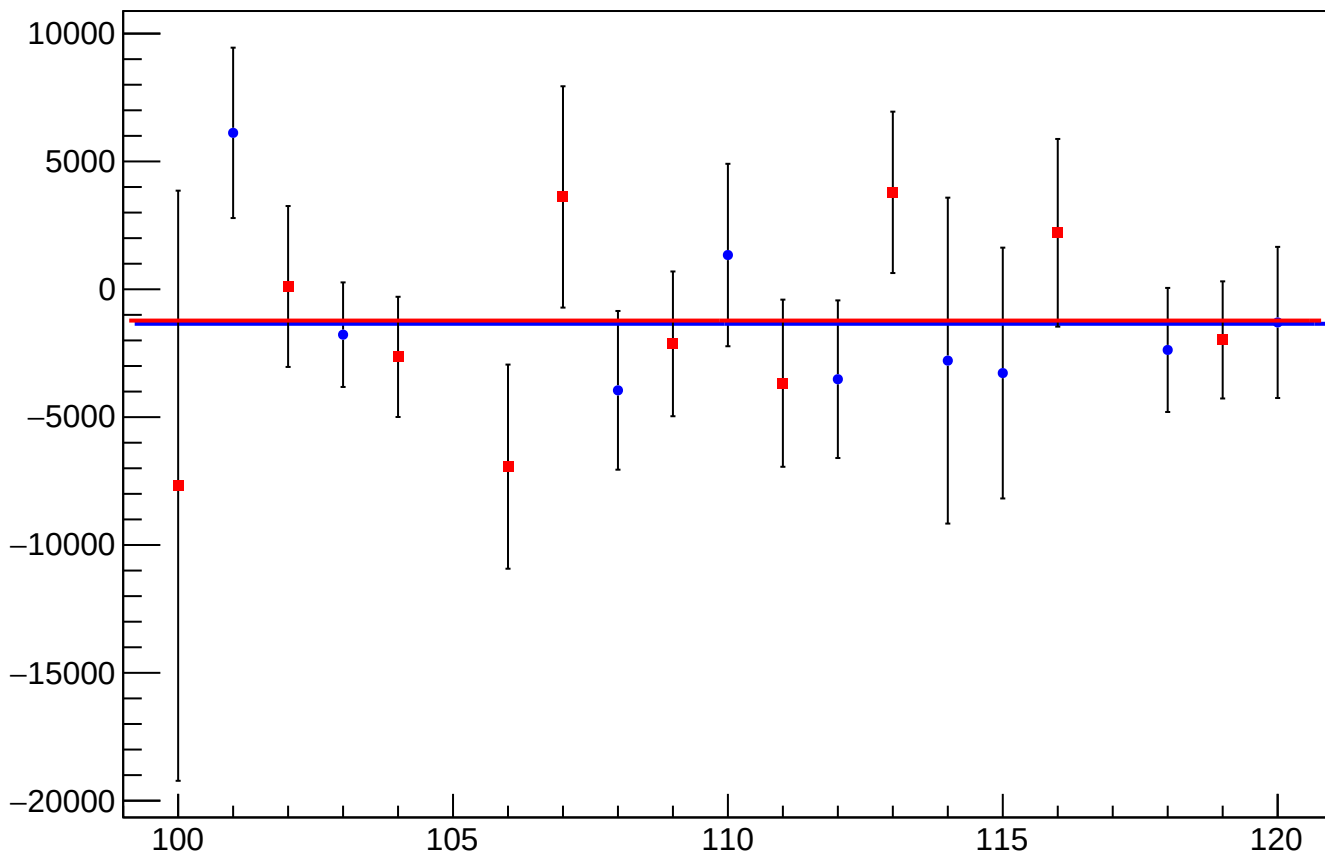
Right: 729.603+/-0.360 χ^2/NDF : 10948260.8/18

In: 3813.297+/-1.440 χ^2/NDF : 222713.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 729.603+/-0.360 χ^2/NDF : 10948260.8/18

dit_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1348.781+/-1016.643 χ^2/NDF : 7.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1223.328+/-1005.407 χ^2/NDF : 8.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

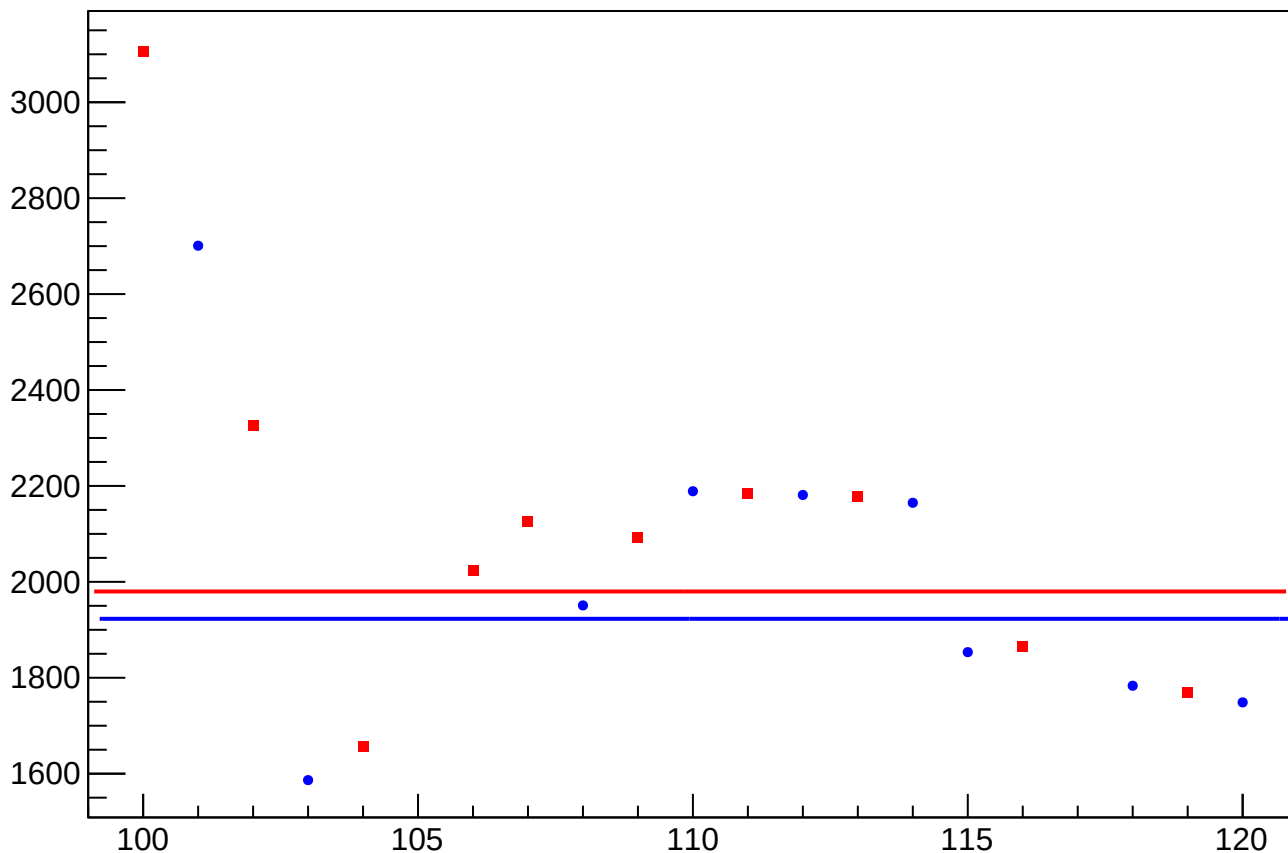
Right: -1285.358+/-714.870 χ^2/NDF : 15.6/18

In: -1348.781+/-1016.643 χ^2/NDF : 7.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1285.358+/-714.870 χ^2/NDF : 15.6/18

dit_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1922.949+/-0.719 χ^2/NDF : 205325.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1979.897+/-0.710 χ^2/NDF : 121293.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

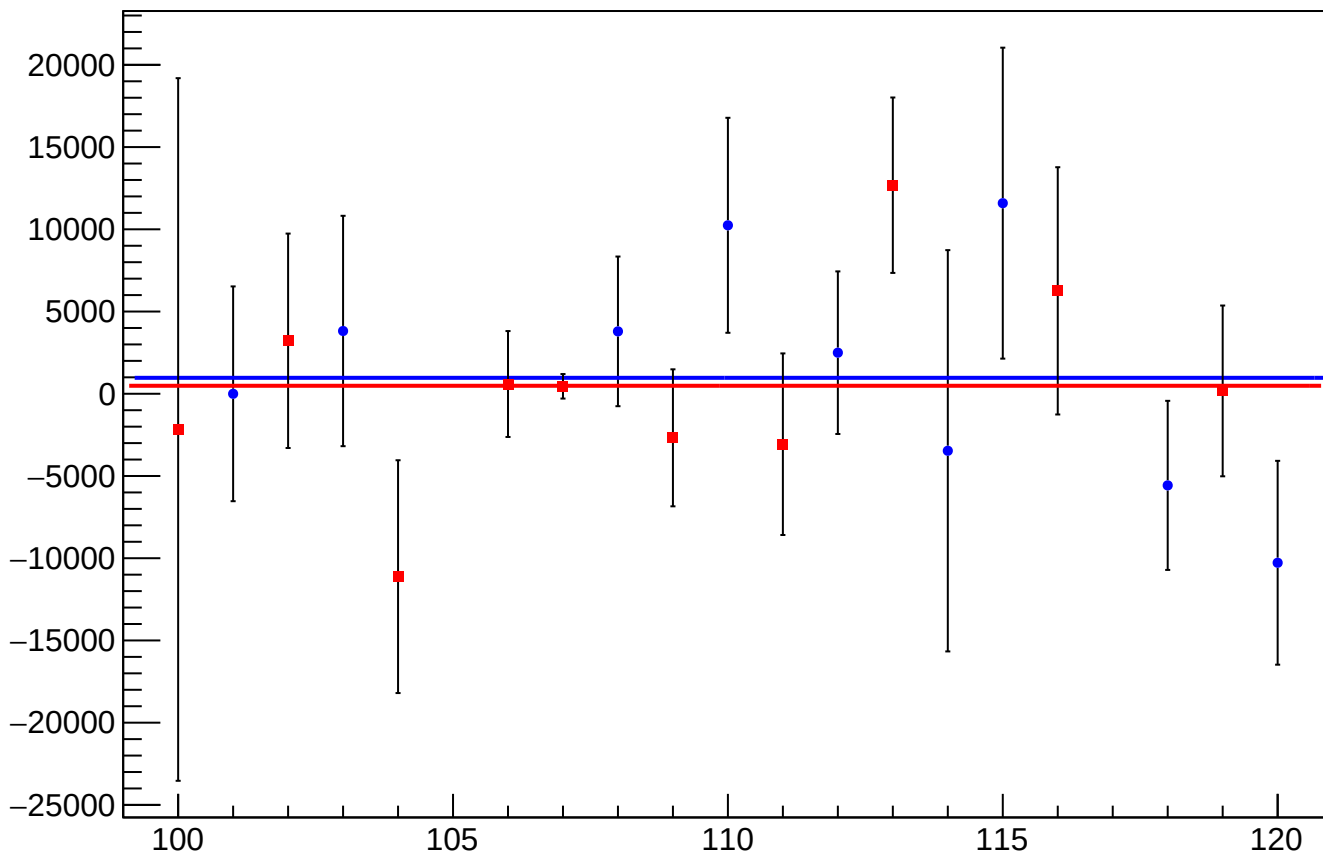
Right: 1951.788+/-0.505 χ^2/NDF : 329797.5/18

In: 1922.949+/-0.719 χ^2/NDF : 205325.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1951.788+/-0.505 χ^2/NDF : 329797.5/18

asym_atl1r2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 969.811+/-2048.738 χ^2/NDF : 9.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 485.926+/-686.673 χ^2/NDF : 9.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

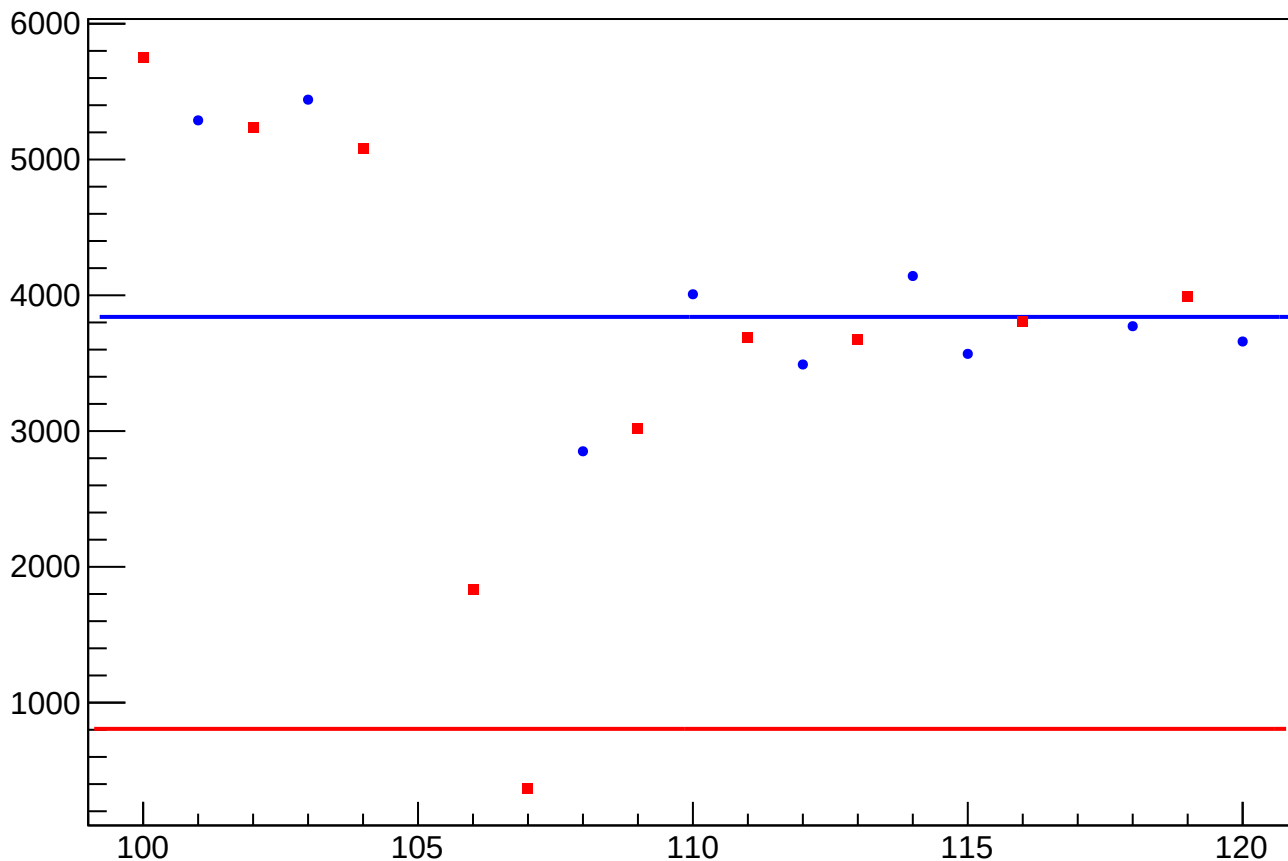
Right: 534.795+/-651.076 χ^2/NDF : 18.7/18

In: 969.811+/-2048.738 χ^2/NDF :9.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 534.795+/-651.076 χ^2/NDF : 18.7/18

asym_atl1r2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3840.823+/-1.449 χ^2/NDF : 313567.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 806.802+/-0.486 χ^2/NDF : 5417185.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

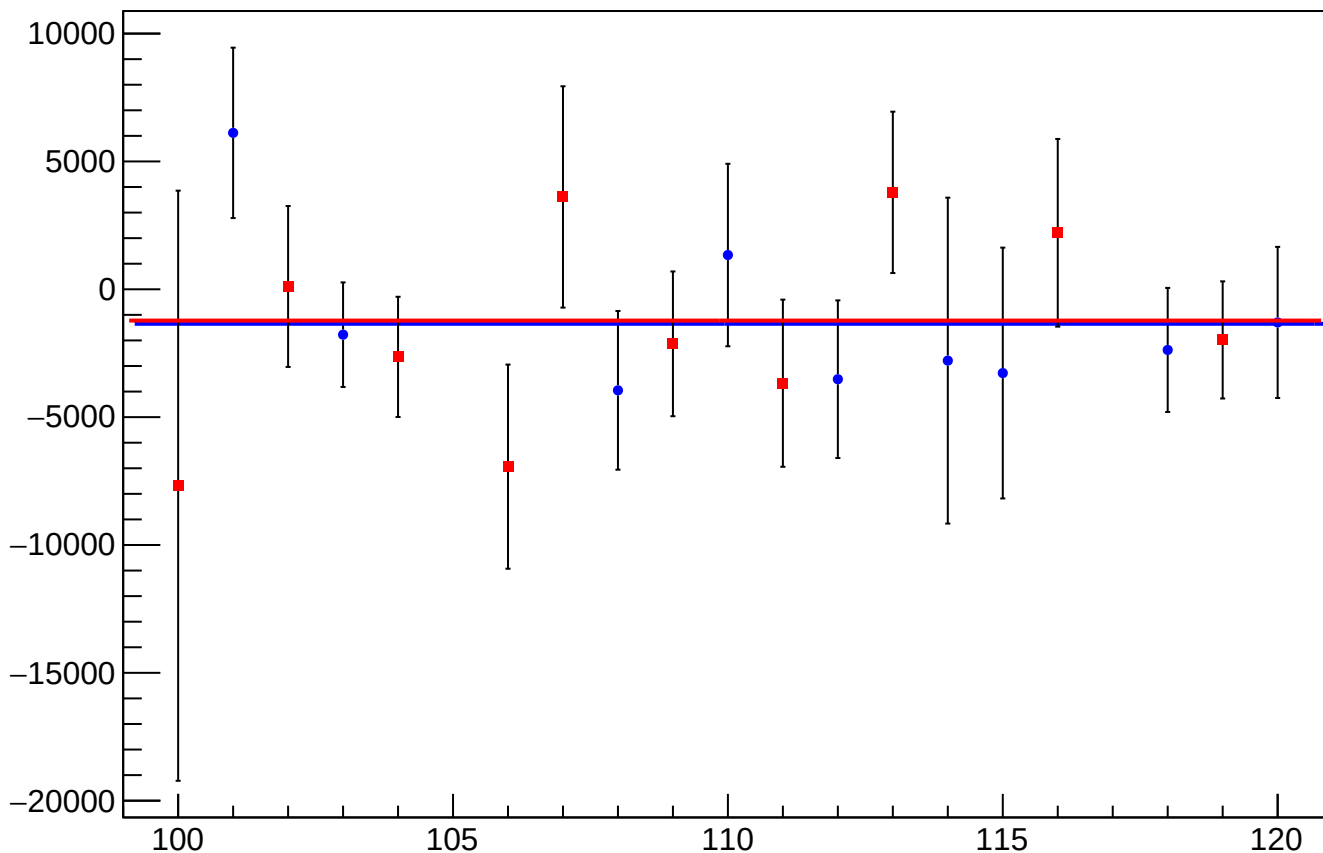
Right: 1113.216+/-0.460 χ^2/NDF : 9674030.8/18

In: 3840.823+/-1.449 χ^2/NDF : 313567.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1113.216+/-0.460 χ^2/NDF : 9674030.8/18

eigen_dit_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1348.774+/-1016.643 χ^2/NDF : 7.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1223.335+/-1005.407 χ^2/NDF : 8.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

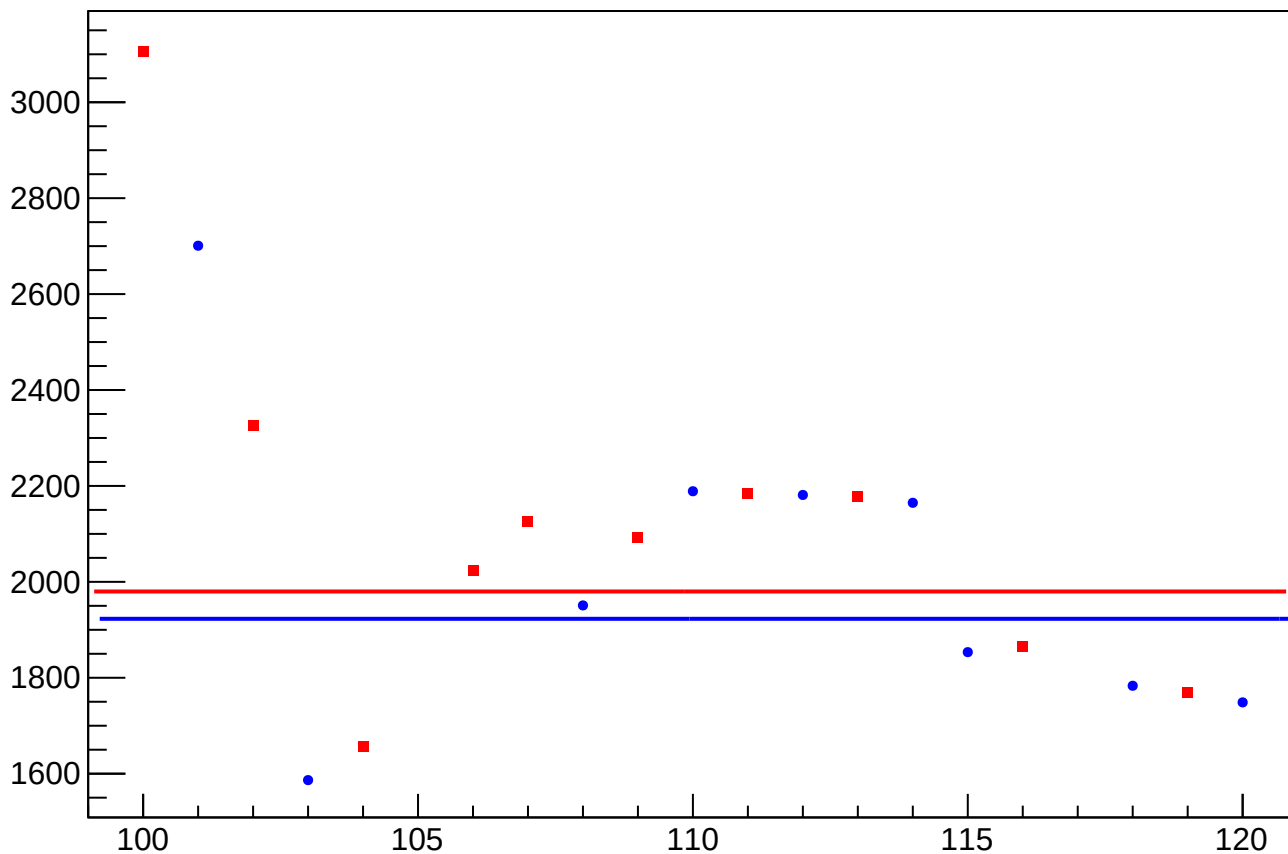
Right: -1285.358+/-714.870 χ^2/NDF : 15.6/18

In: -1348.774+/-1016.643 χ^2/NDF : 7.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1285.358+/-714.870 χ^2/NDF : 15.6/18

eigen_dit_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1922.949+/-0.719 χ^2/NDF : 205325.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1979.897+/-0.710 χ^2/NDF : 121293.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

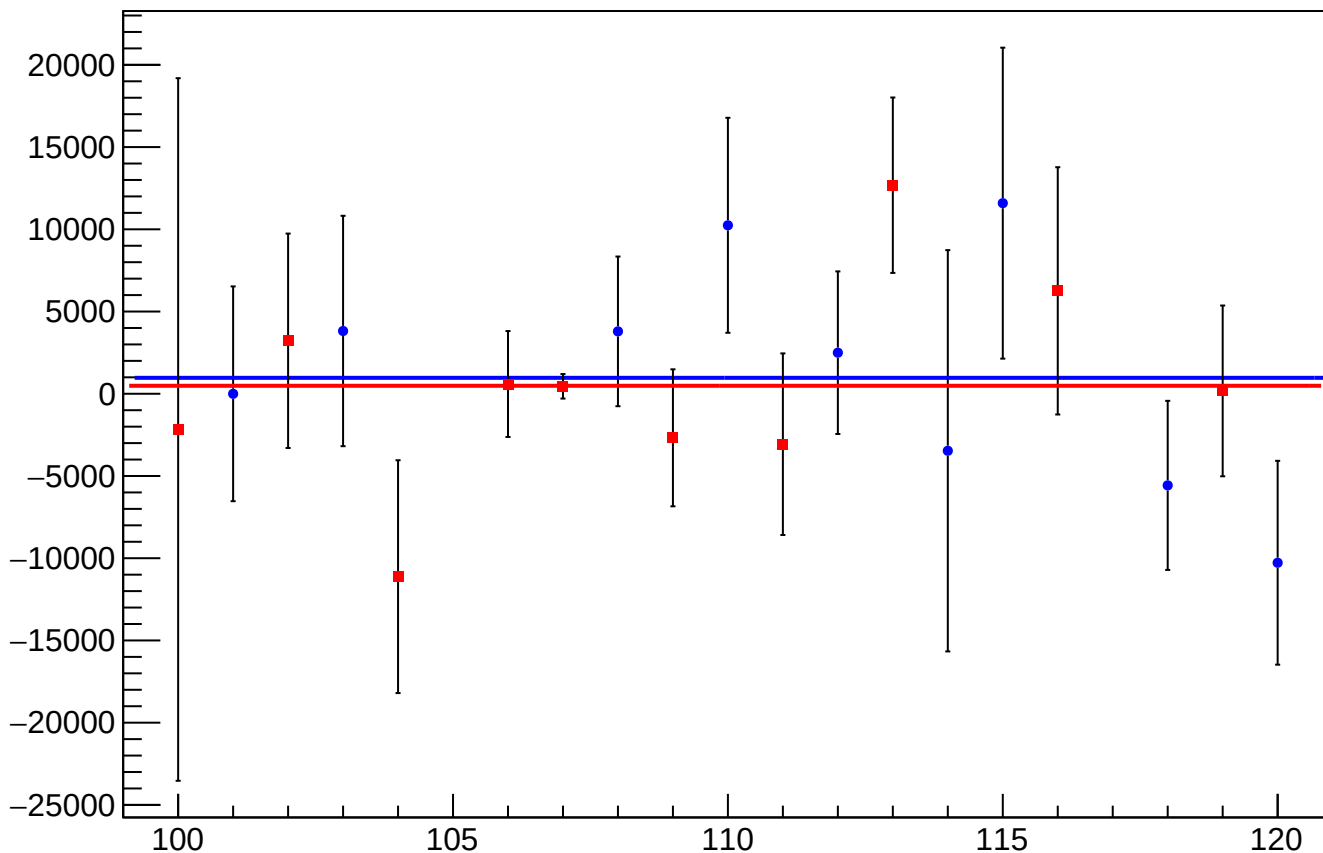
Right: 1951.788+/-0.505 χ^2/NDF : 329797.3/18

In: 1922.949+/-0.719 χ^2/NDF : 205325.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1951.788+/-0.505 χ^2/NDF : 329797.3/18

asym_atl1r2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 969.803+/-2048.735 χ^2/NDF : 9.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 485.934+/-686.685 χ^2/NDF : 9.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

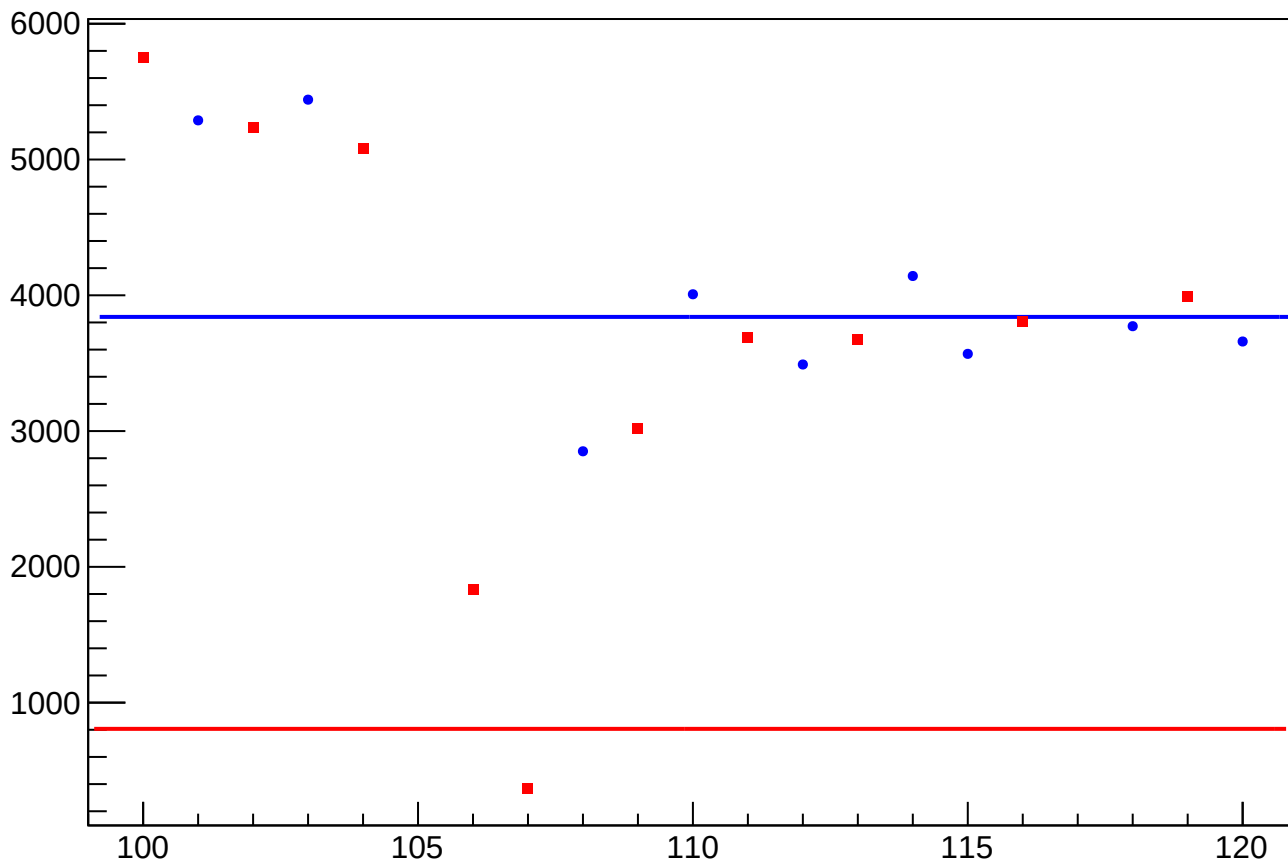
Right: 534.803+/-651.086 χ^2/NDF : 18.7/18

In: 969.803+/-2048.735 χ^2/NDF :9.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 534.803+/-651.086 χ^2/NDF : 18.7/18

asym_atl1r2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3840.817+/-1.449 χ^2/NDF : 313567.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 806.826+/-0.486 χ^2/NDF : 5417125.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

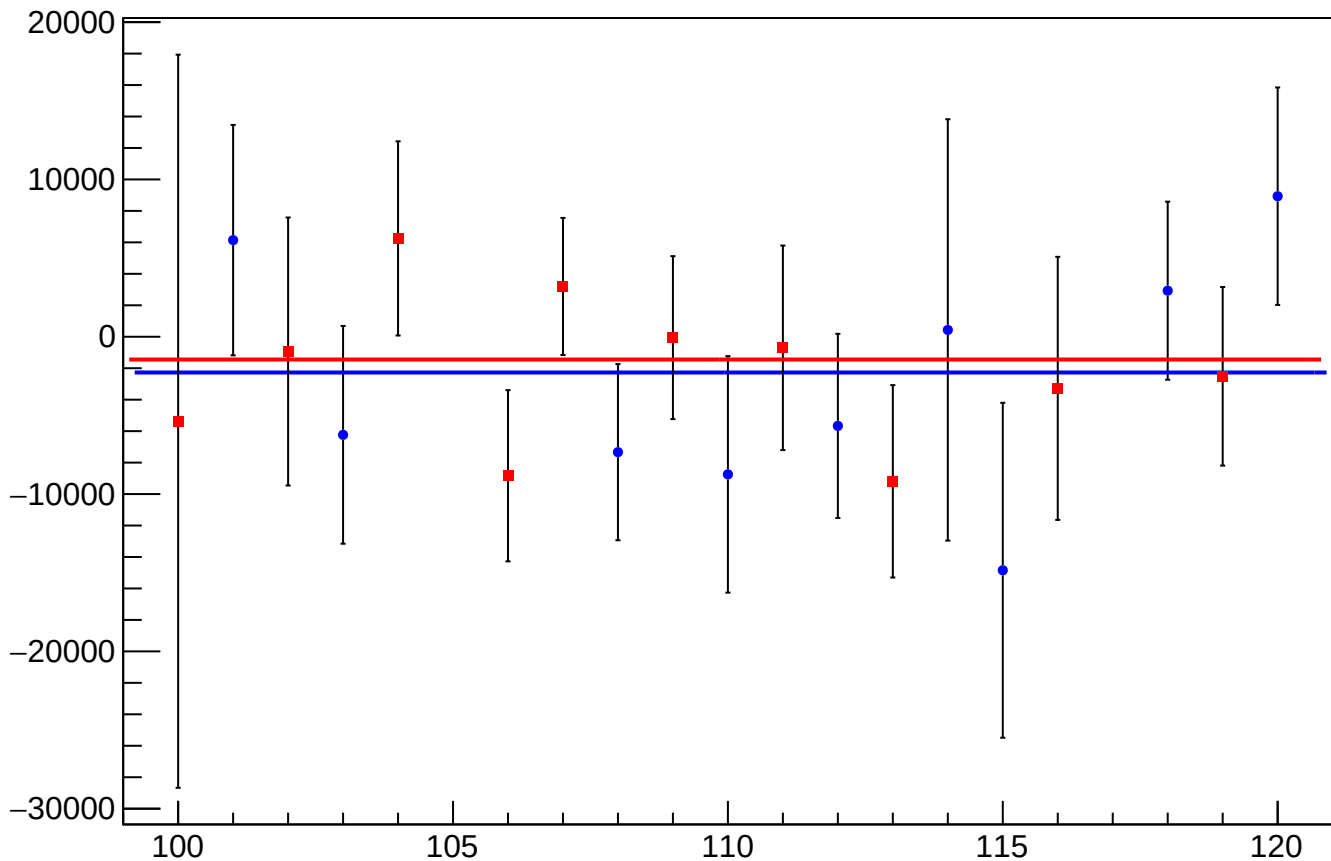
Right: 1113.248+/-0.460 χ^2/NDF : 9673890.8/18

In: 3840.817+/-1.449 χ^2/NDF : 313567.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1113.248+/-0.460 χ^2/NDF : 9673890.8/18

asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -2271.545+/-2325.926 χ^2/NDF : 8.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1446.645+/-1956.133 χ^2/NDF : 6.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

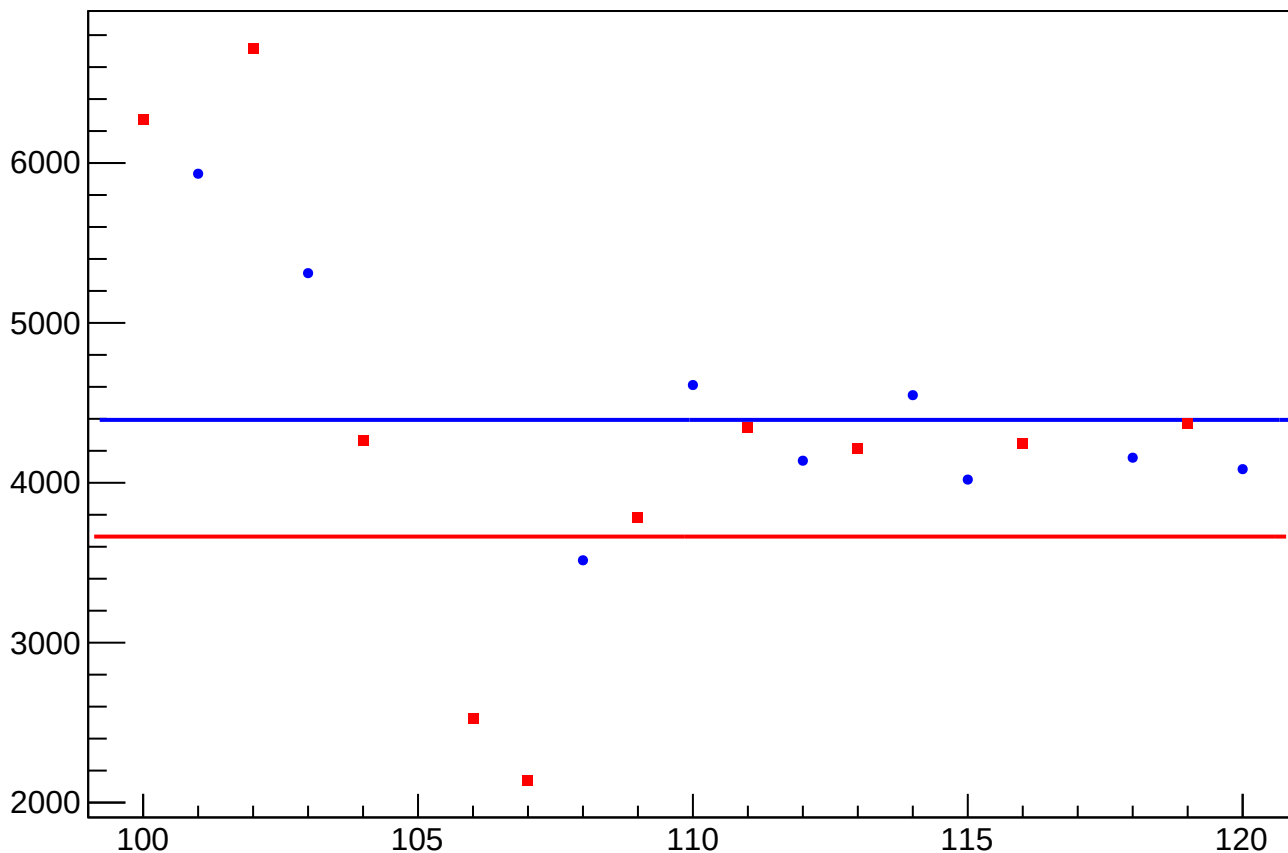
Right: -1788.385+/-1497.074 χ^2/NDF : 14.9/18

In: -2271.545+/-2325.926 χ^2/NDF : 8.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1788.385+/-1497.074 χ^2/NDF : 14.9/18

asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 4393.476+/-1.645 χ^2/NDF : 188417.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3663.632+/-1.361 χ^2/NDF : 734479.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

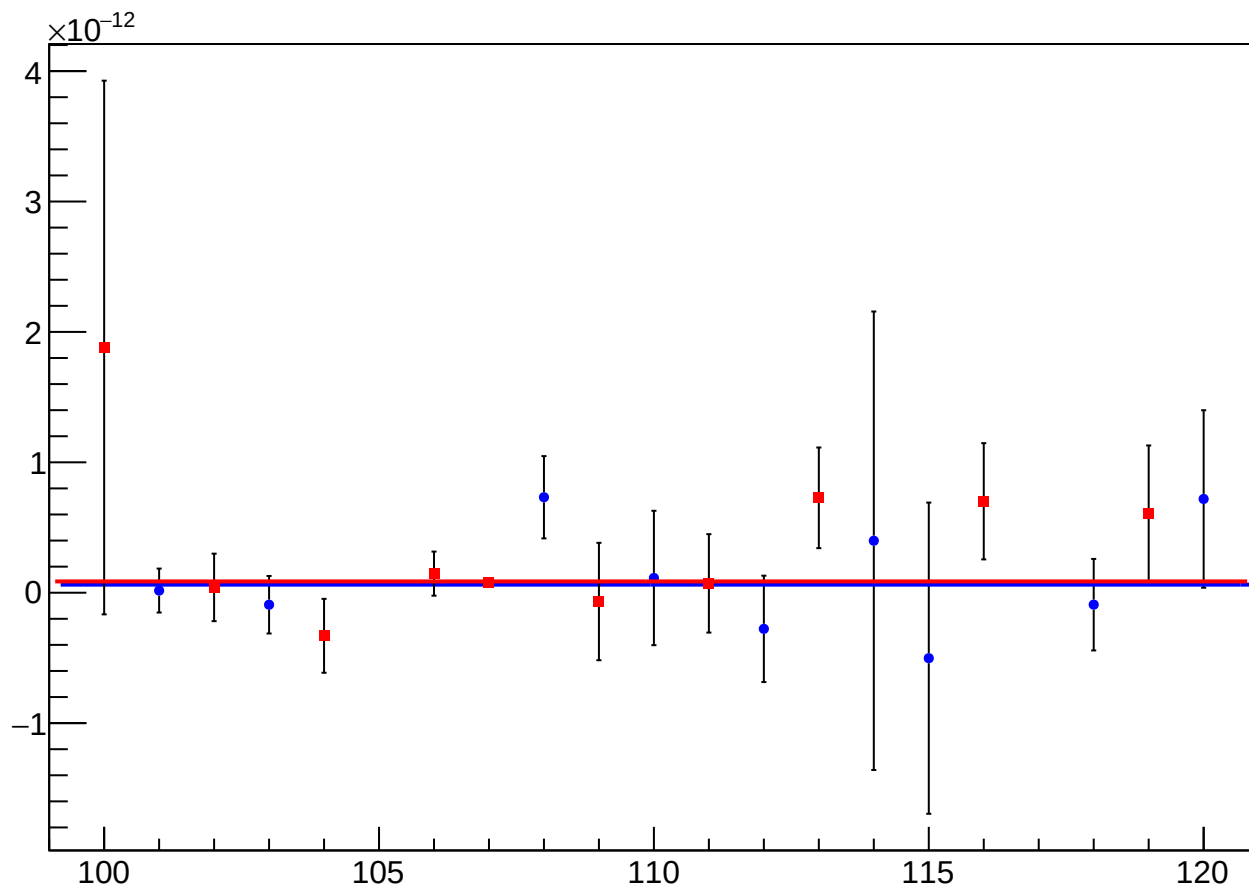
Right: 3960.397+/-1.049 χ^2/NDF : 1039748.1/18

In: 4393.476+/-1.645 χ^2/NDF : 188417.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3960.397+/-1.049 χ^2/NDF : 1039748.1/18

asym_atl1r2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

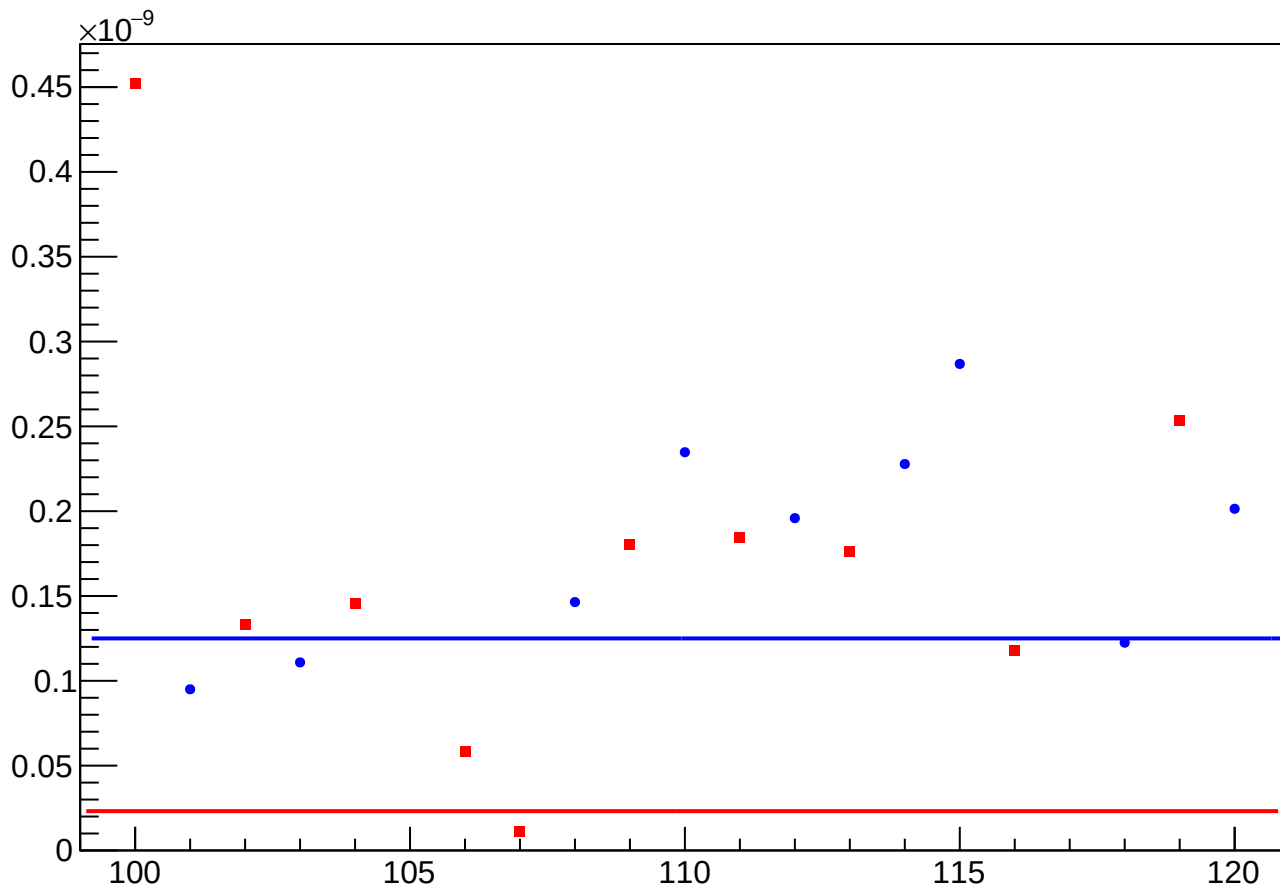
Right: 0.000+/-0.000 χ^2/NDF : 16.1/18

In: 0.000+/-0.000 χ^2/NDF : 7.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.1/18

asym_atl1r2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 300951.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2522509.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

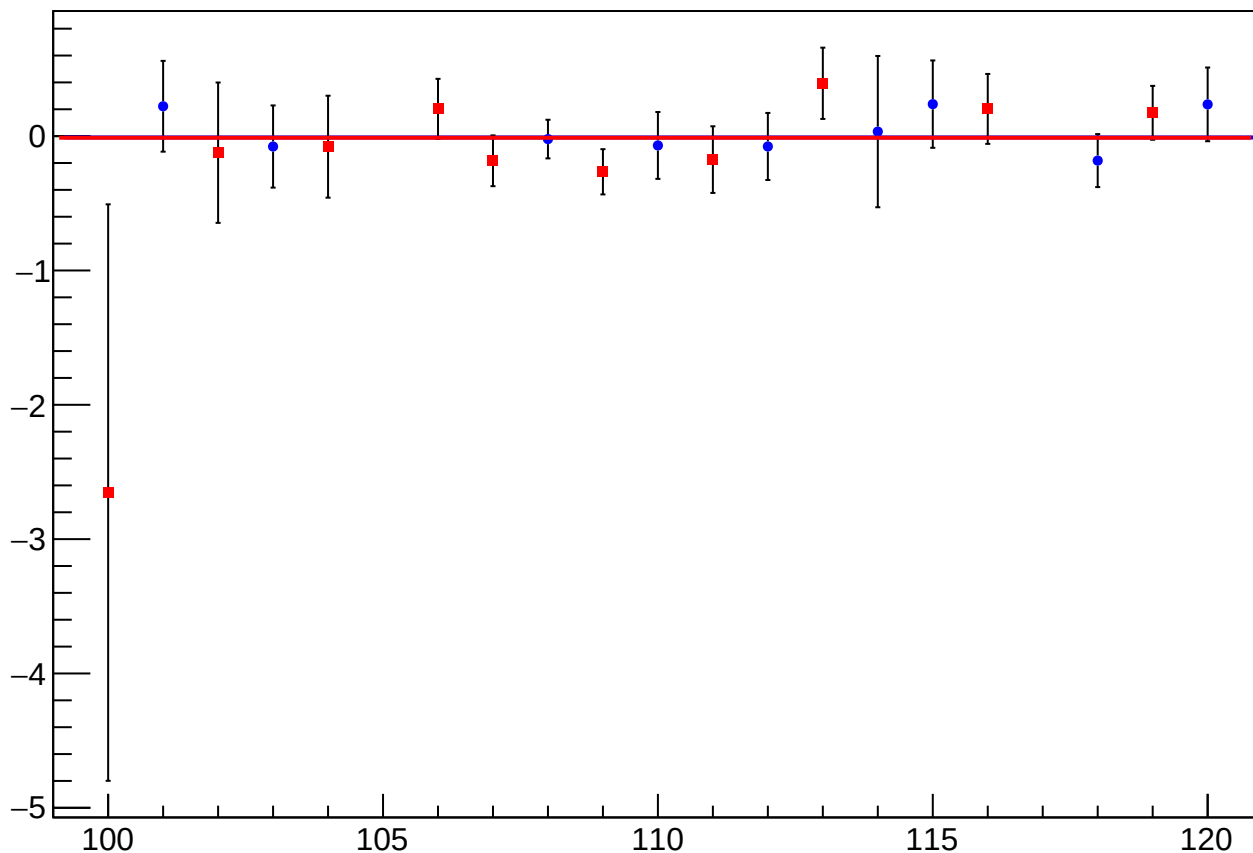
Right: 0.000+/-0.000 χ^2/NDF : 4453261.4/18

In: 0.000+/-0.000 χ^2/NDF : 300951.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4453261.4/18

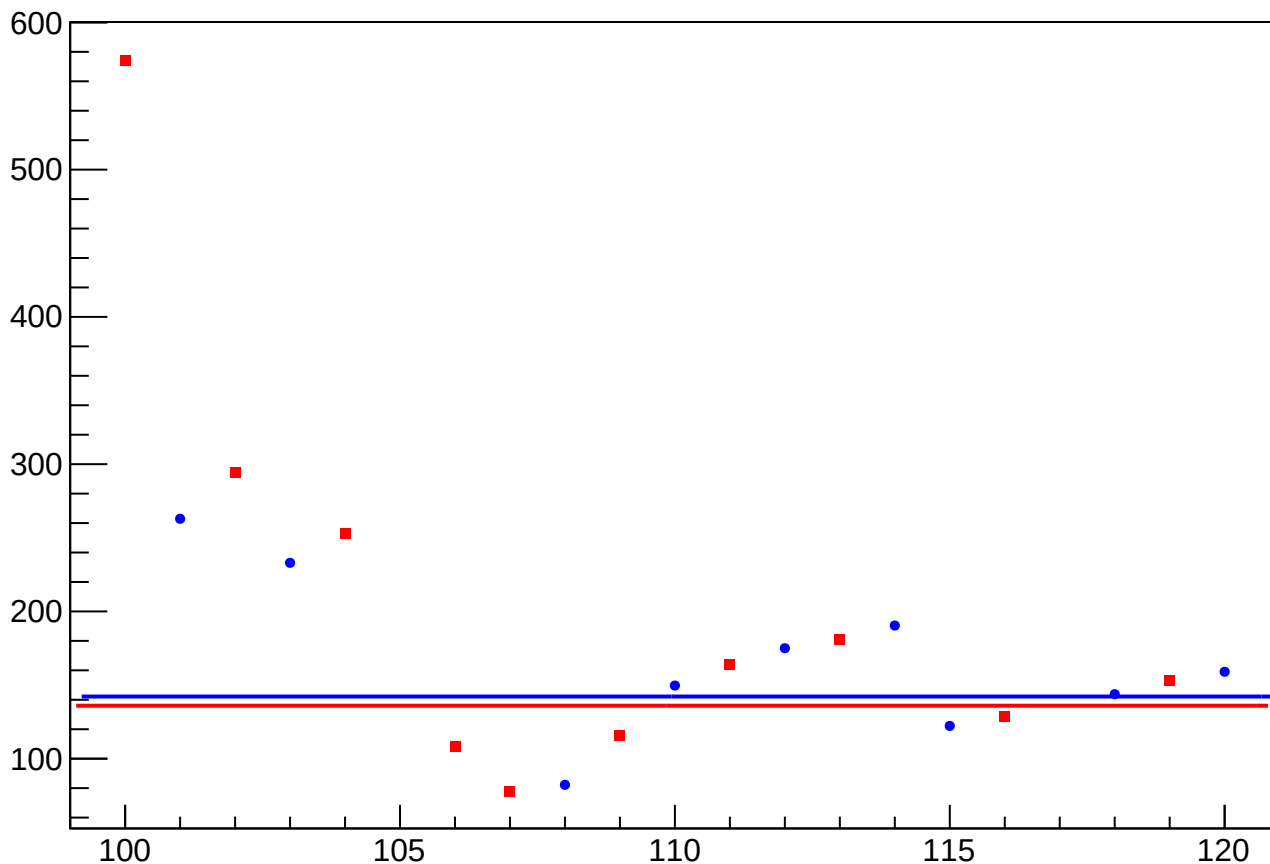
asym_atl1r2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 ± 0.081 $\chi^2/\text{NDF}: 2.8/8$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -0.012 ± 0.078 $\chi^2/\text{NDF}: 9.9/9$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right: -0.011 ± 0.056 $\chi^2/\text{NDF}: 12.7/18$
 In: -0.010 ± 0.081 $\chi^2/\text{NDF}: 2.8/8$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -0.011 ± 0.056 $\chi^2/\text{NDF}: 12.7/18$

asym_atl1r2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.208+/-0.057 χ^2/NDF : 845381.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 135.961+/-0.055 χ^2/NDF : 807841.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

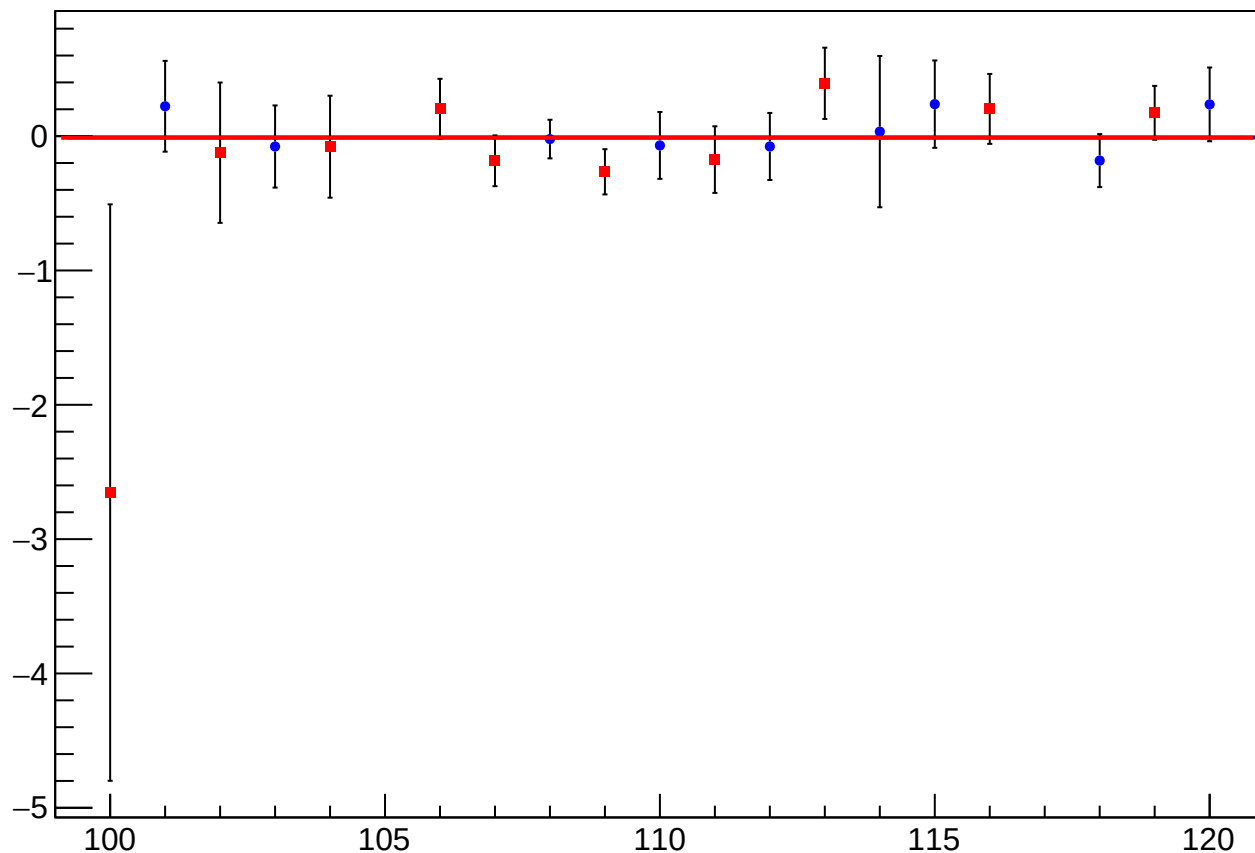
Right: 138.961+/-0.040 χ^2/NDF : 1659375.3/18

In: 142.208+/-0.057 χ^2/NDF :845381.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 138.961+/-0.040 χ^2/NDF : 1659375.3/18

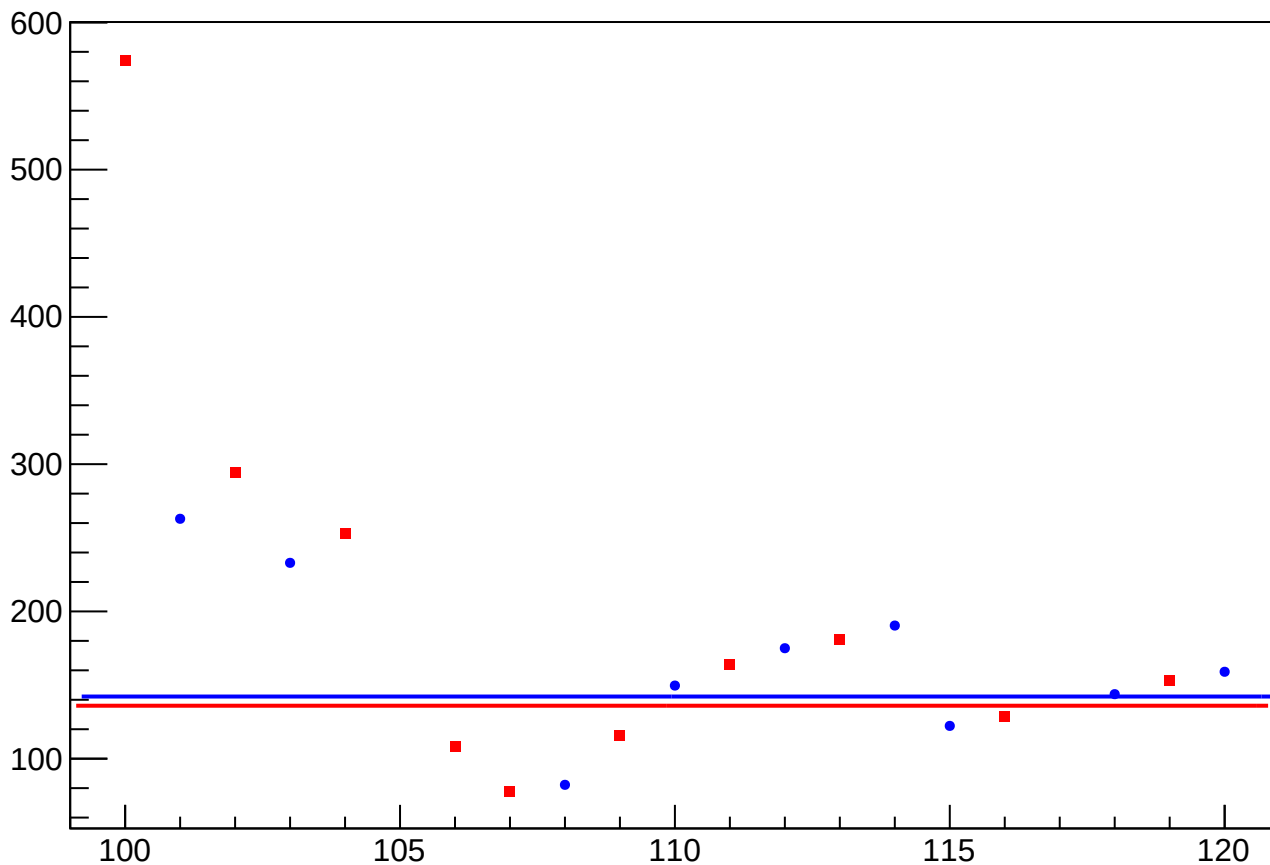
asym_atl1r2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.081 χ^2 /NDF: 2.8/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.012 $\pm$ 0.078 χ^2 /NDF: 9.9/9
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.011 $\pm$ 0.056 χ^2 /NDF: 12.7/18
 In: -0.010 $\pm$ 0.081 χ^2 /NDF:2.8/8
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.011 $\pm$ 0.056 χ^2 /NDF: 12.7/18

asym_atl1r2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.208+/-0.057 χ^2/NDF : 845381.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.961+/-0.055 χ^2/NDF : 807841.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

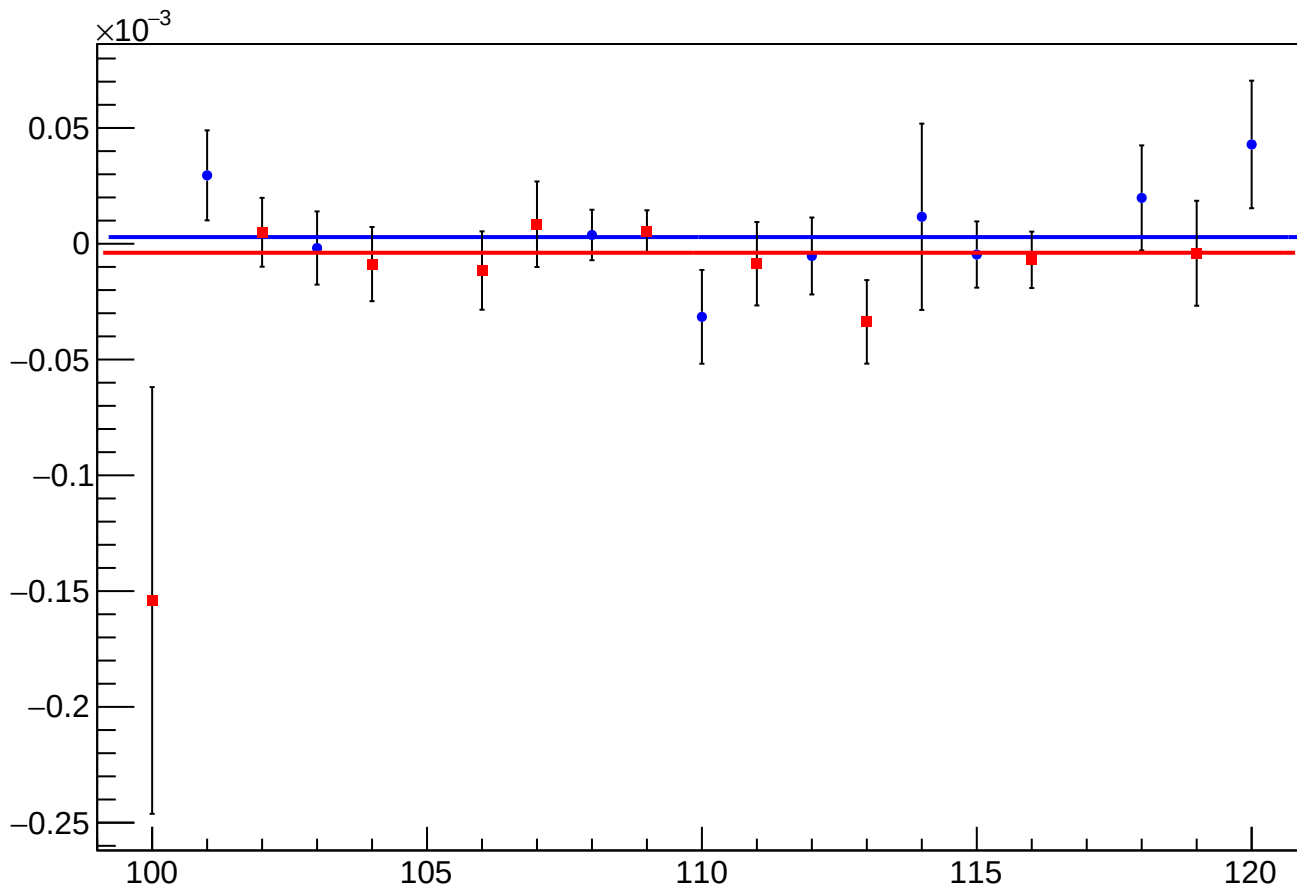
Right: 138.961+/-0.040 χ^2/NDF : 1659375.3/18

In: 142.208+/-0.057 χ^2/NDF : 845381.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.961+/-0.040 χ^2/NDF : 1659375.3/18

asym_atl1r2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

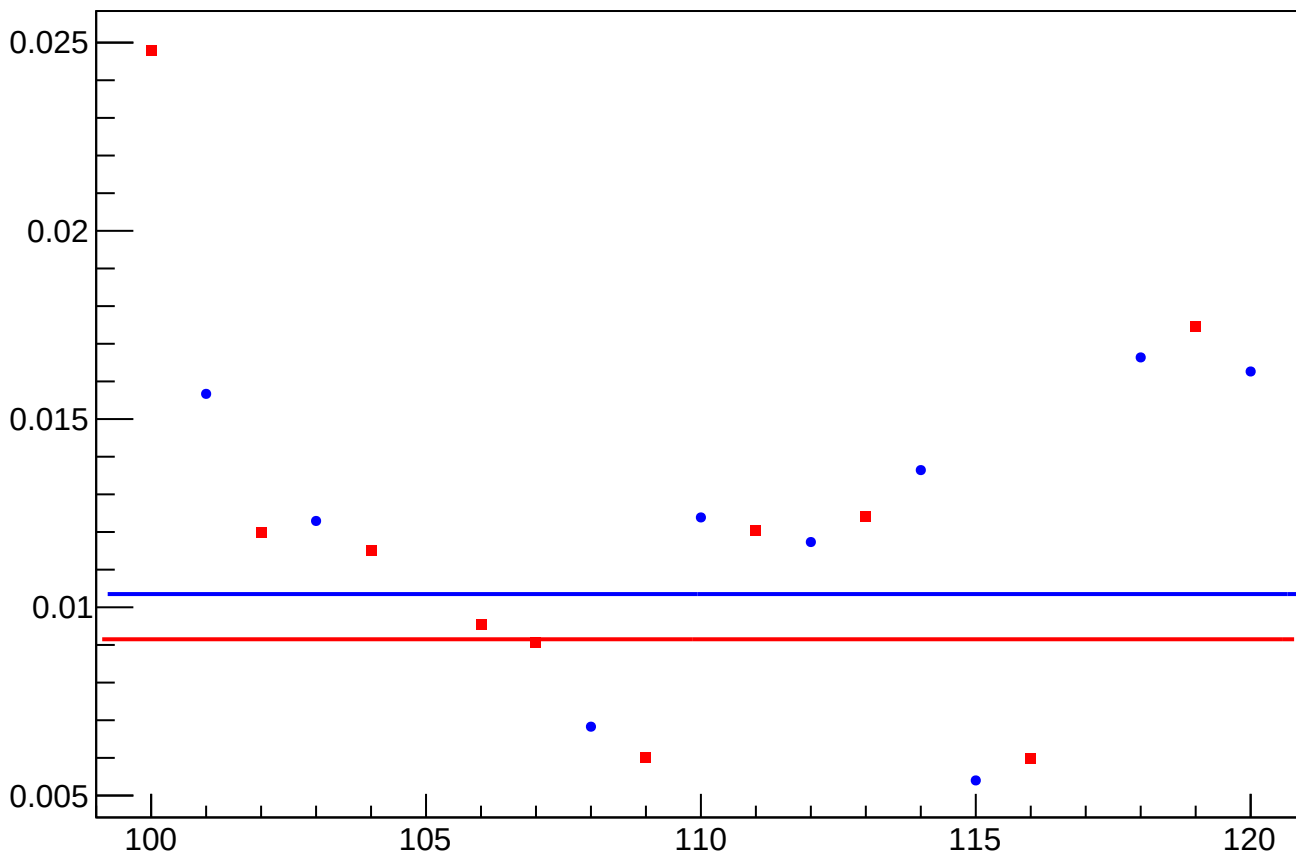
Right: -0.000+/-0.000 χ^2/NDF : 16.6/18

In: 0.000+/-0.000 χ^2/NDF : 8.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.6/18

asym_atl1r2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 922092.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 939410.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

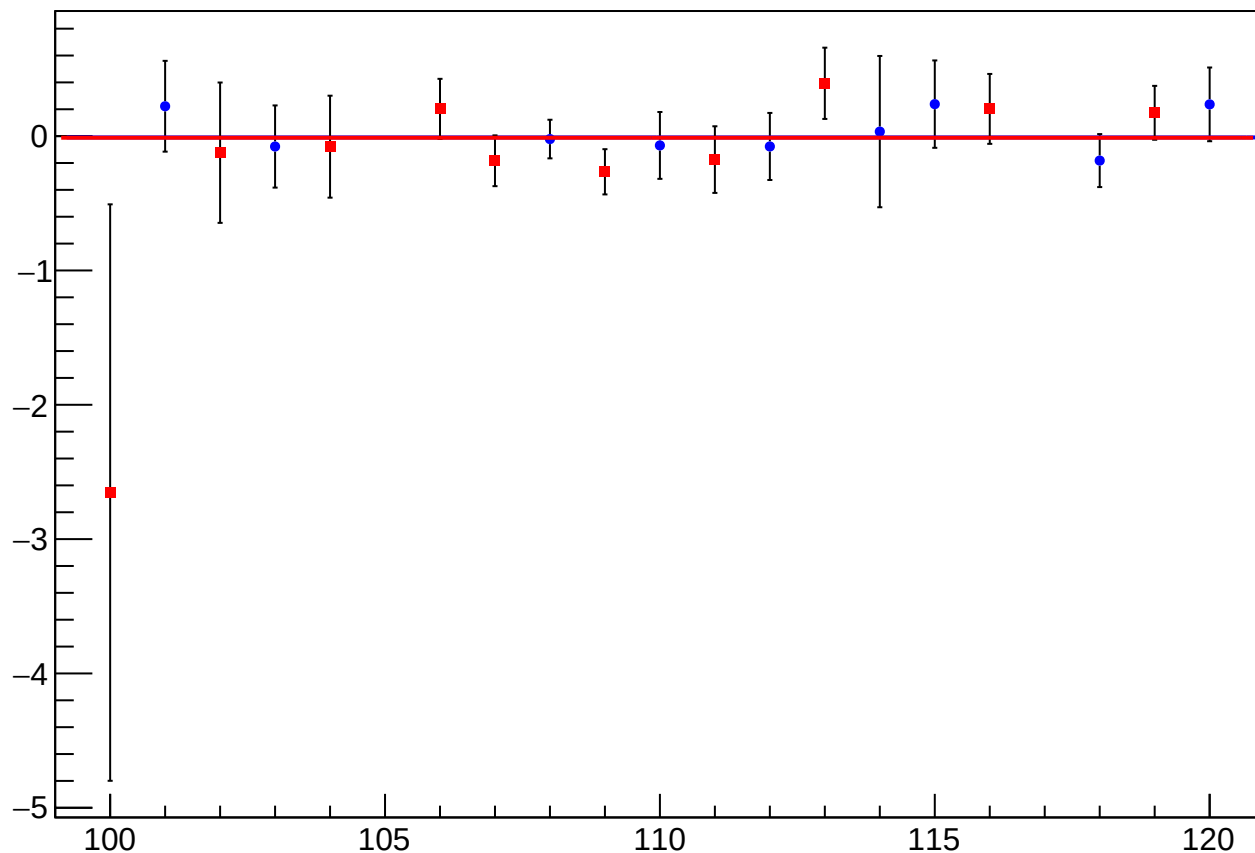
Right: 0.010+/-0.000 χ^2/NDF : 1911933.9/18

In: 0.010+/-0.000 χ^2/NDF :922092.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.010+/-0.000 χ^2/NDF : 1911933.9/18

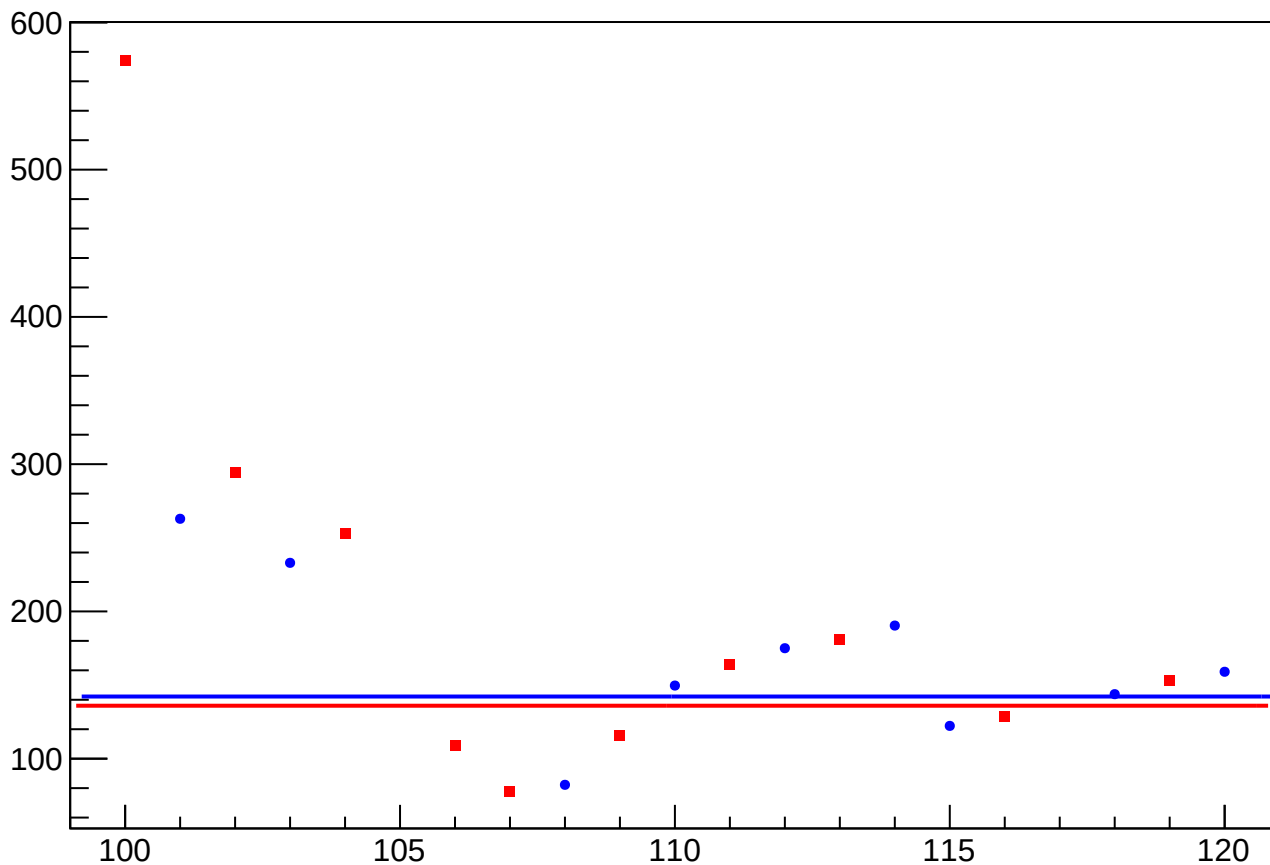
asym_atl1r2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 ± 0.081 $\chi^2/\text{NDF}: 2.8/8$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -0.012 ± 0.078 $\chi^2/\text{NDF}: 9.9/9$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right: -0.011 ± 0.056 $\chi^2/\text{NDF}: 12.7/18$
 In: -0.010 ± 0.081 $\chi^2/\text{NDF}: 2.8/8$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -0.011 ± 0.056 $\chi^2/\text{NDF}: 12.7/18$

asym_atl1r2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.208+/-0.057 χ^2/NDF : 845382.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.962+/-0.055 χ^2/NDF : 807869.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

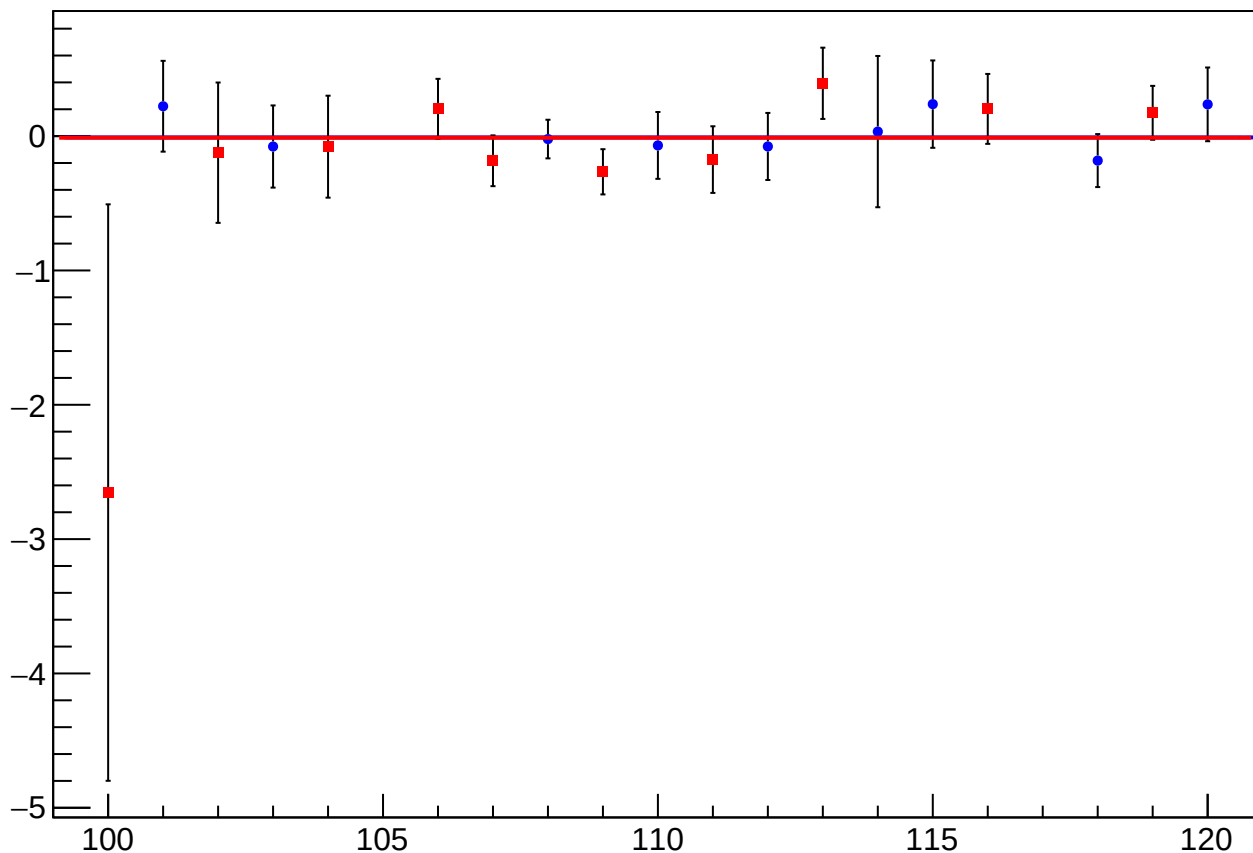
Right: 138.961+/-0.040 χ^2/NDF : 1659403.4/18

In: 142.208+/-0.057 χ^2/NDF : 845382.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.961+/-0.040 χ^2/NDF : 1659403.4/18

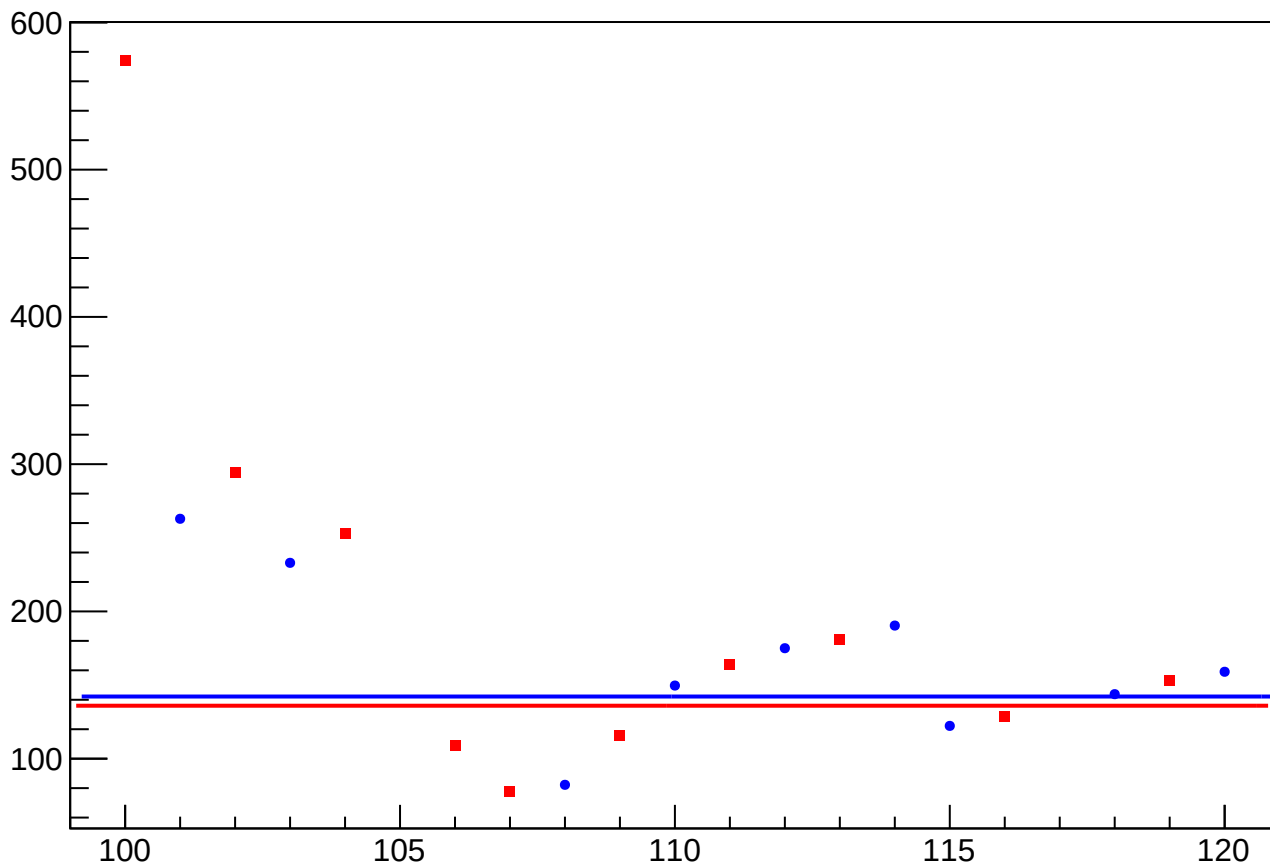
asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 ± 0.081 χ^2/NDF : 2.8/8
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -0.012 ± 0.078 χ^2/NDF : 9.9/9
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -0.011 ± 0.056 χ^2/NDF : 12.7/18
 In: -0.010 ± 0.081 χ^2/NDF : 2.8/8
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -0.011 ± 0.056 χ^2/NDF : 12.7/18

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.208+/-0.057 χ^2/NDF : 845382.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.962+/-0.055 χ^2/NDF : 807869.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

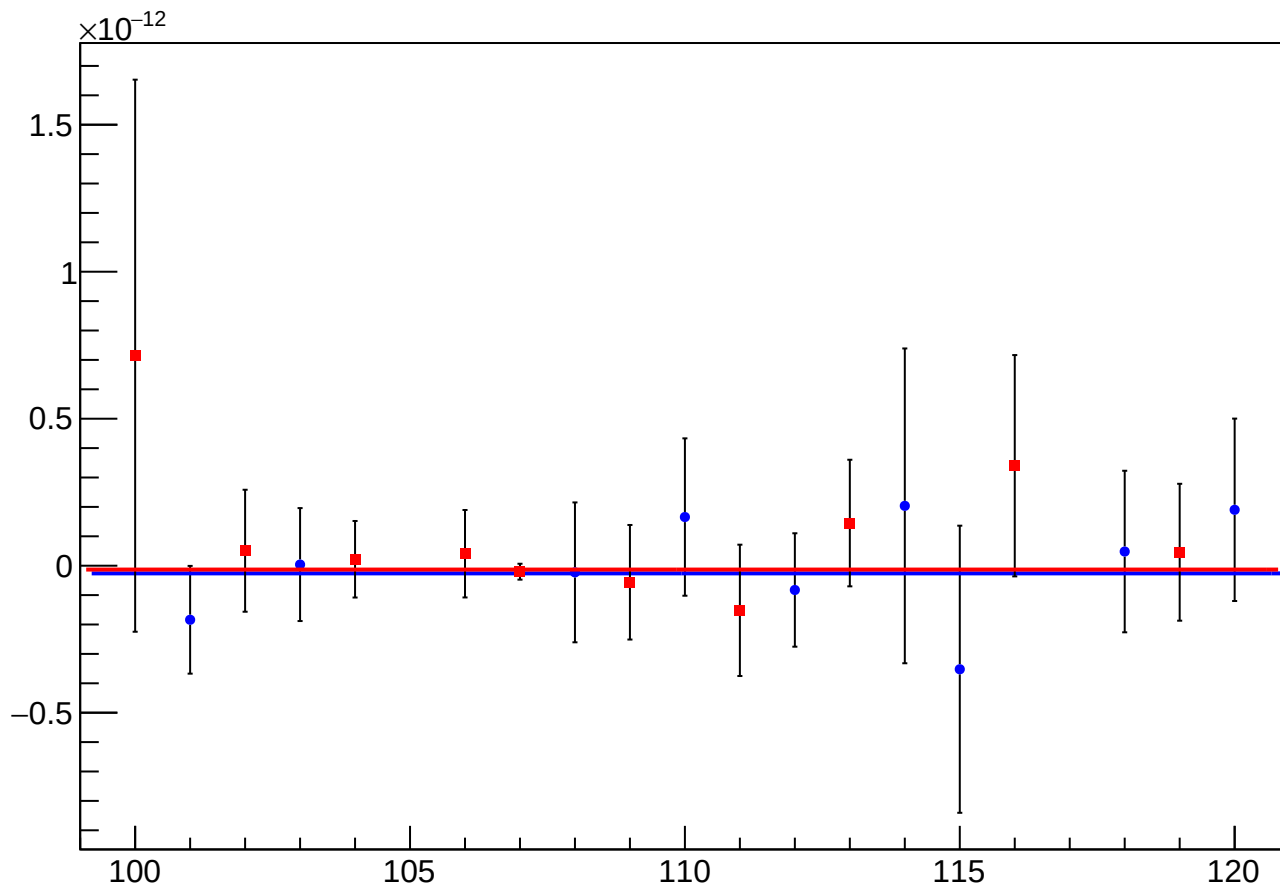
Right: 138.961+/-0.040 χ^2/NDF : 1659403.4/18

In: 142.208+/-0.057 χ^2/NDF : 845382.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.961+/-0.040 χ^2/NDF : 1659403.4/18

asym_atl1r2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 2.6/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 2.9/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

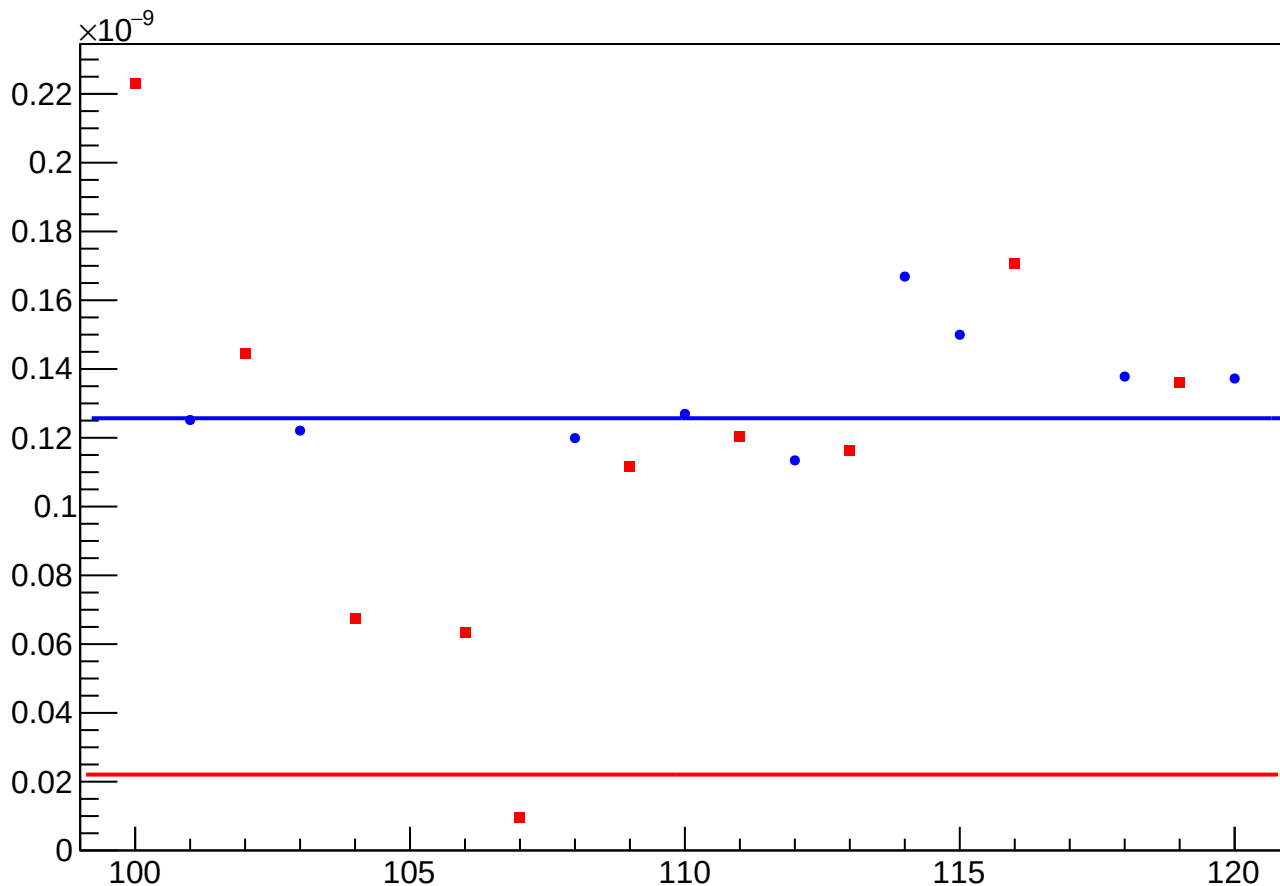
Right: -0.000+/-0.000 χ^2 /NDF: 5.5/18

In: -0.000+/-0.000 χ^2 /NDF:2.6/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 5.5/18

asym_atl1r2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 33470.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3599721.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

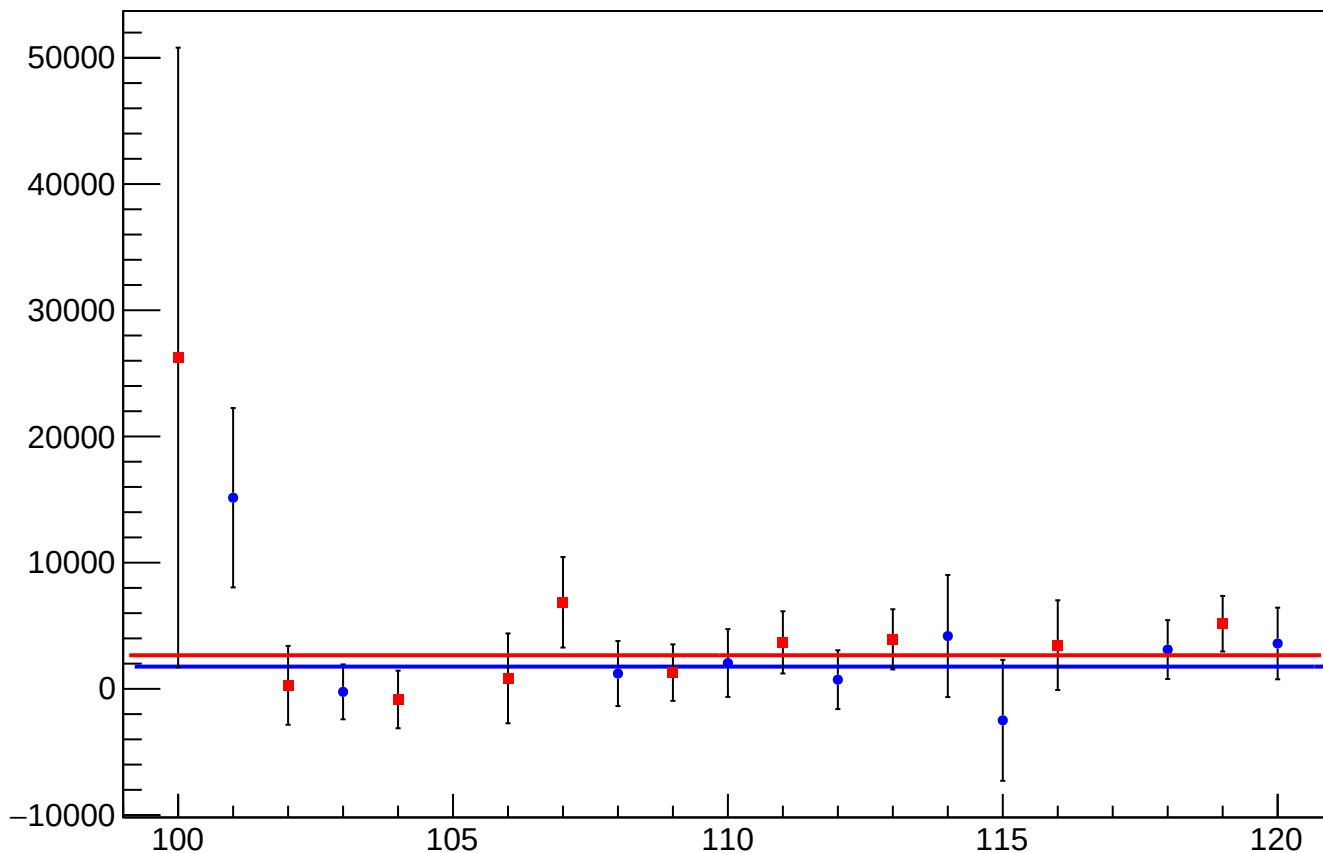
Right: 0.000+/-0.000 χ^2/NDF : 6517557.8/18

In: 0.000+/-0.000 χ^2/NDF : 33470.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6517557.8/18

reg_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1765.124+/-953.737 χ^2/NDF : 6.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2664.189+/-884.528 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

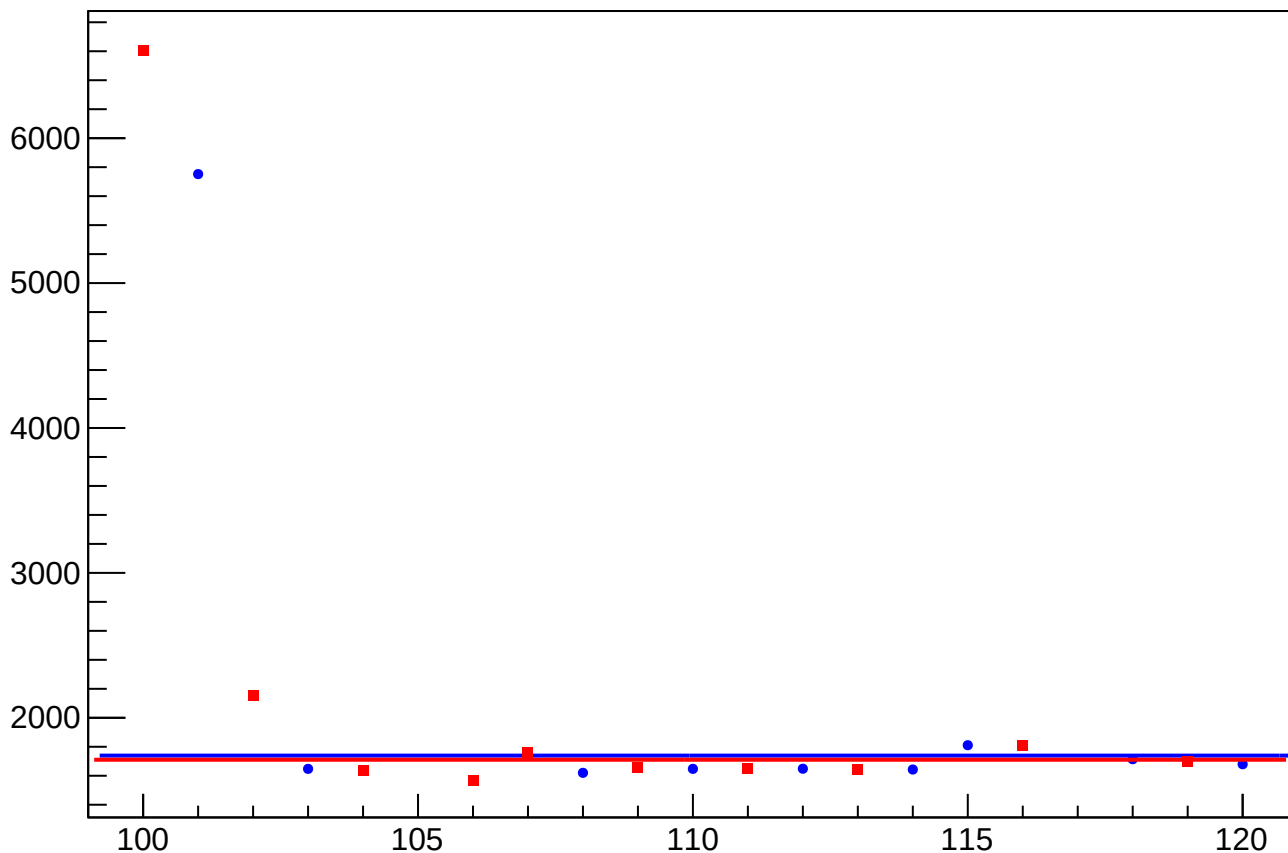
Right: 2248.458+/-648.544 χ^2/NDF : 14.6/18

In: 1765.124+/-953.737 χ^2/NDF : 6.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2248.458+/-648.544 χ^2/NDF : 14.6/18

reg_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1738.945+/-0.674 χ^2/NDF : 653439.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1710.445+/-0.617 χ^2/NDF : 132641.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

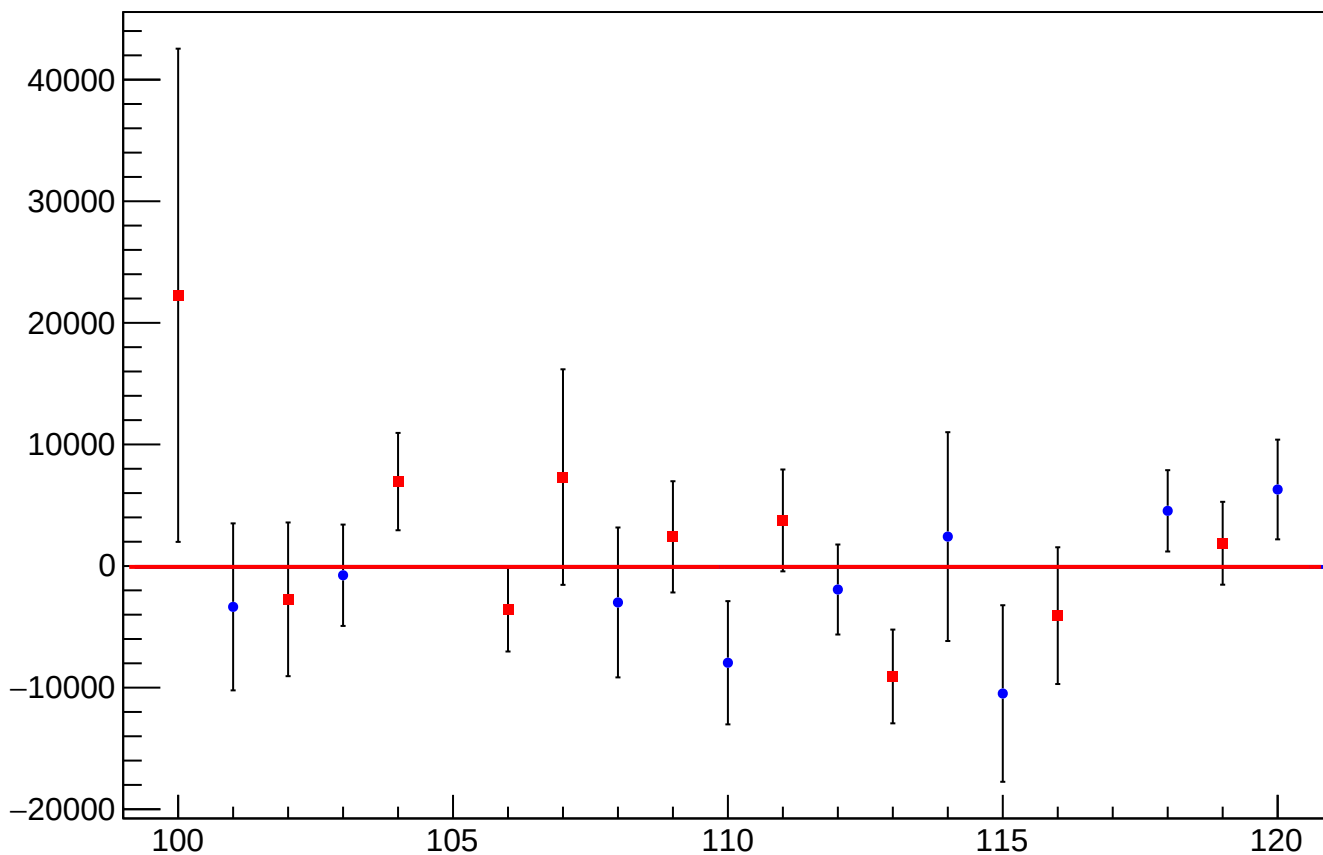
Right: 1723.435+/-0.455 χ^2/NDF : 787053.7/18

In: 1738.945+/-0.674 χ^2/NDF : 653439.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1723.435+/-0.455 χ^2/NDF : 787053.7/18

asym_atr1l2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -74.994+/-1584.126 χ^2/NDF : 9.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -70.626+/-1450.212 χ^2/NDF : 13.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

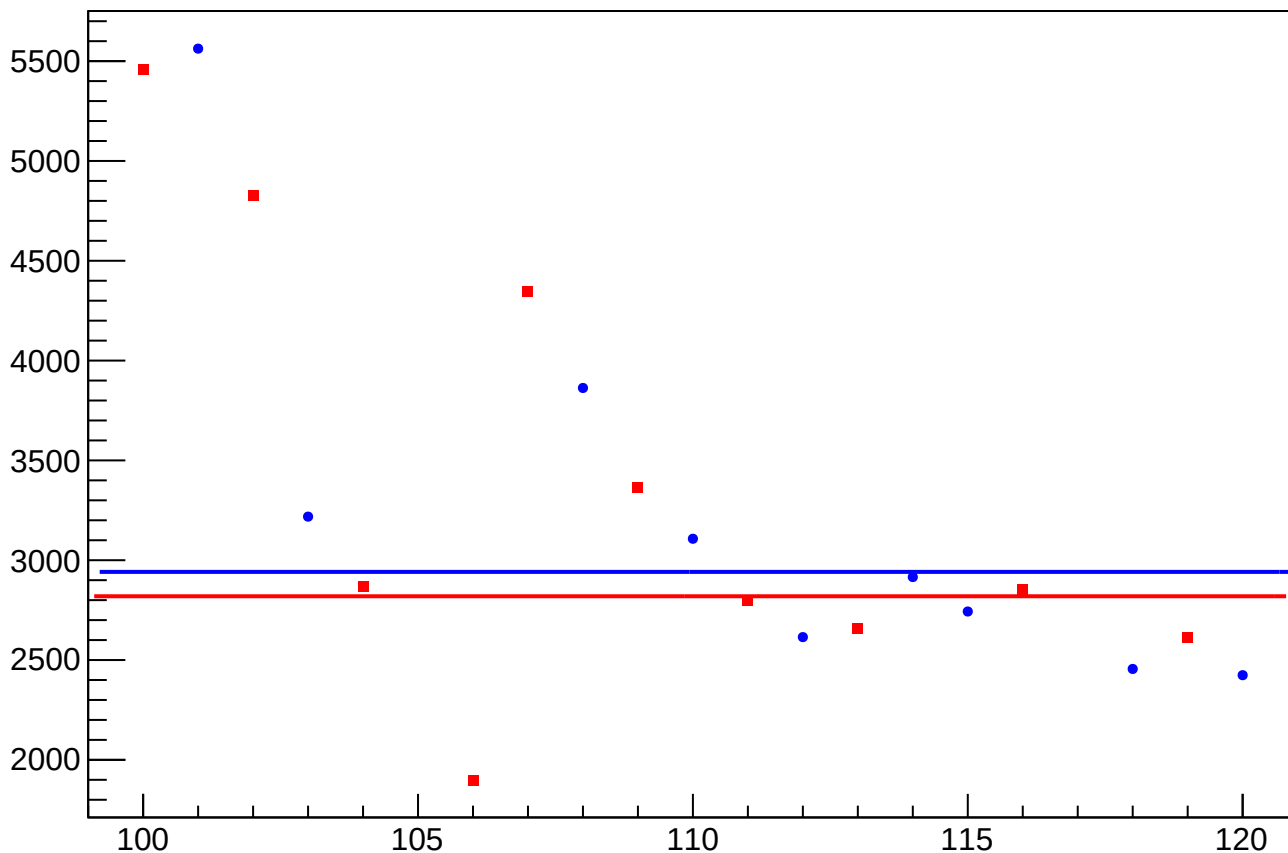
Right: -72.618+/-1069.670 χ^2/NDF : 23.2/18

In: -74.994+/-1584.126 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -72.618+/-1069.670 χ^2/NDF : 23.2/18

asym_atr1l2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2941.565+/-1.120 χ^2/NDF : 438256.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2819.458+/-1.025 χ^2/NDF : 475867.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

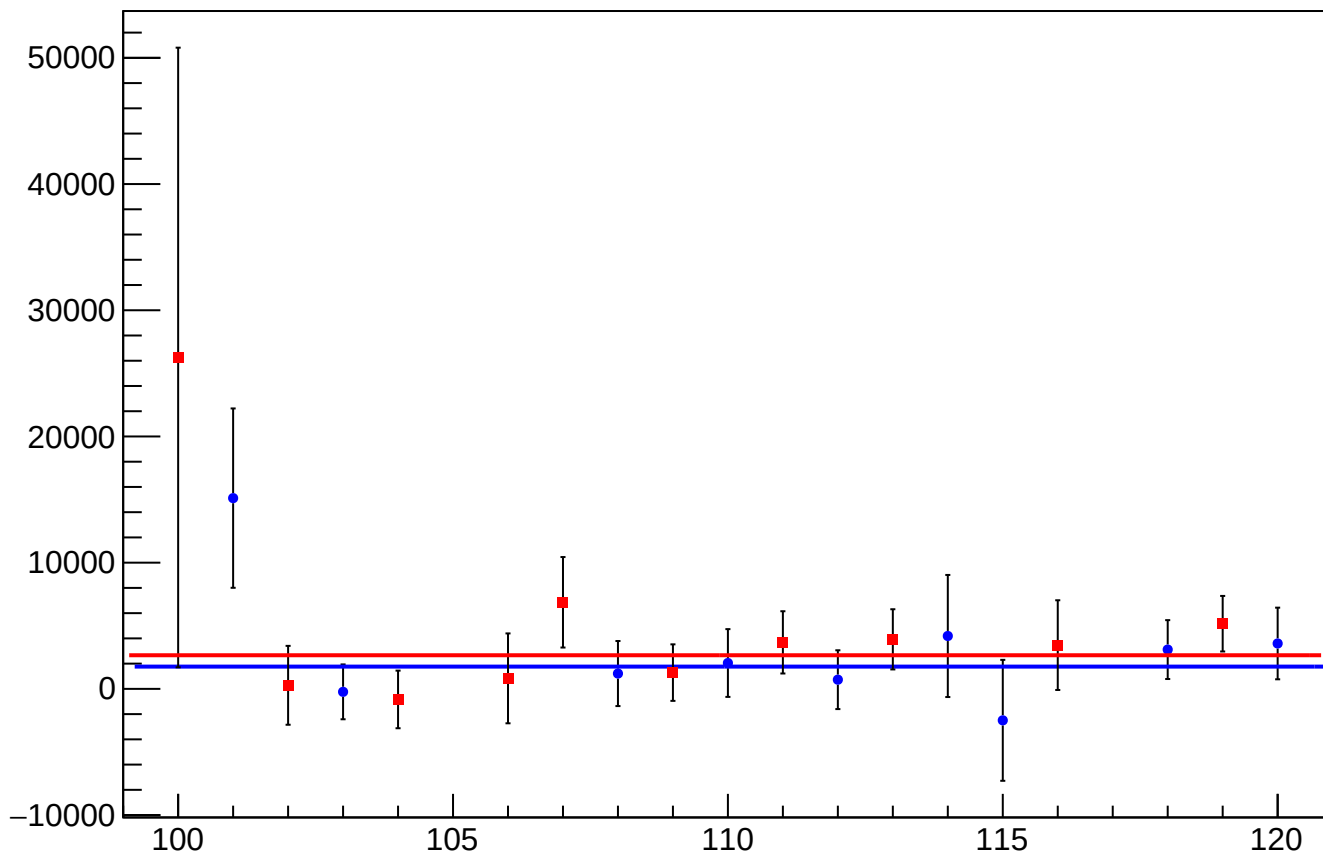
Right: 2875.133+/-0.756 χ^2/NDF : 920589.3/18

In: 2941.565+/-1.120 χ^2/NDF : 438256.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2875.133+/-0.756 χ^2/NDF : 920589.3/18

cor_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1764.637+/-953.737 χ^2 /NDF: 6.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2664.306+/-884.528 χ^2 /NDF: 7.7/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

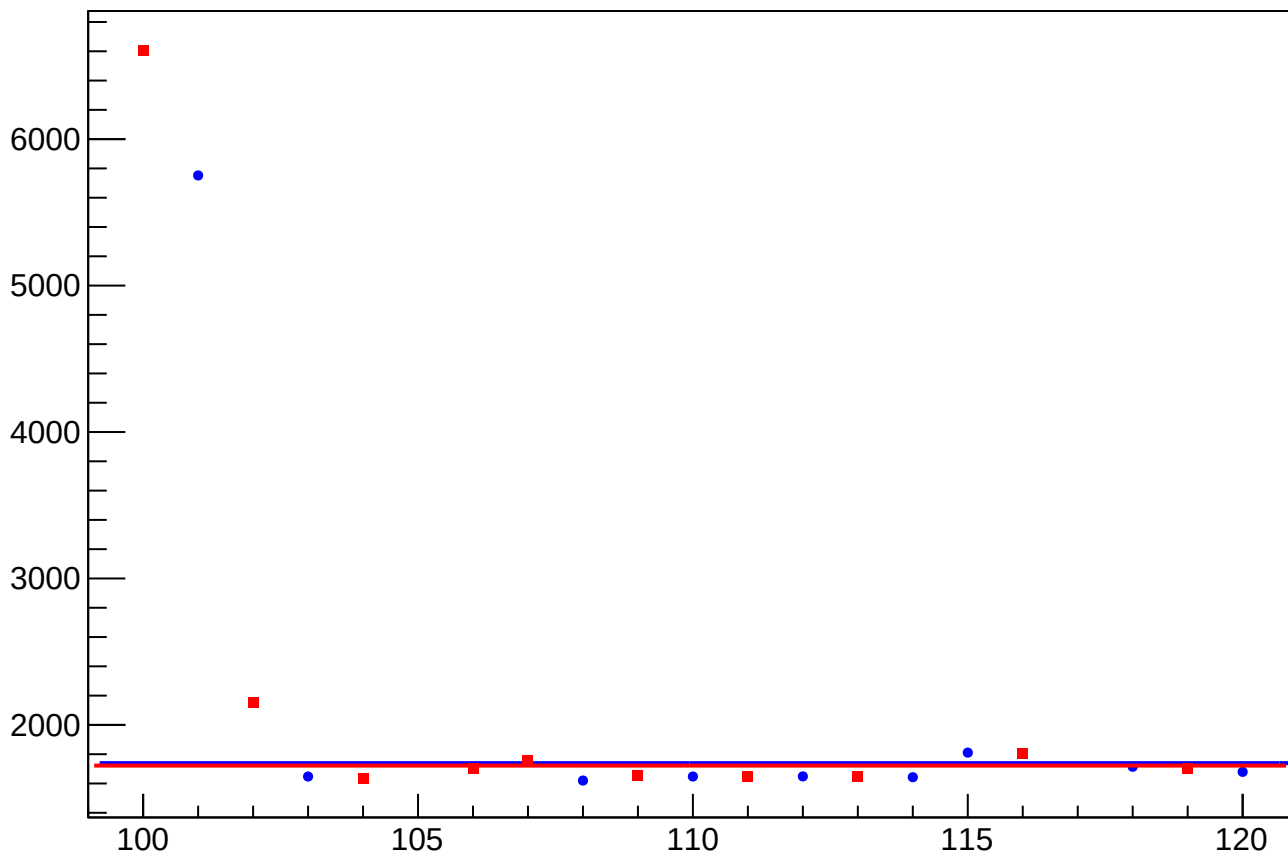
Right: 2248.295+/-648.544 χ^2 /NDF: 14.6/18

In: 1764.637+/-953.737 χ^2 /NDF:6.4/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2248.295+/-648.544 χ^2 /NDF: 14.6/18

cor_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1738.944+/-0.674 χ^2/NDF : 653440.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1722.201+/-0.621 χ^2/NDF : 127655.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

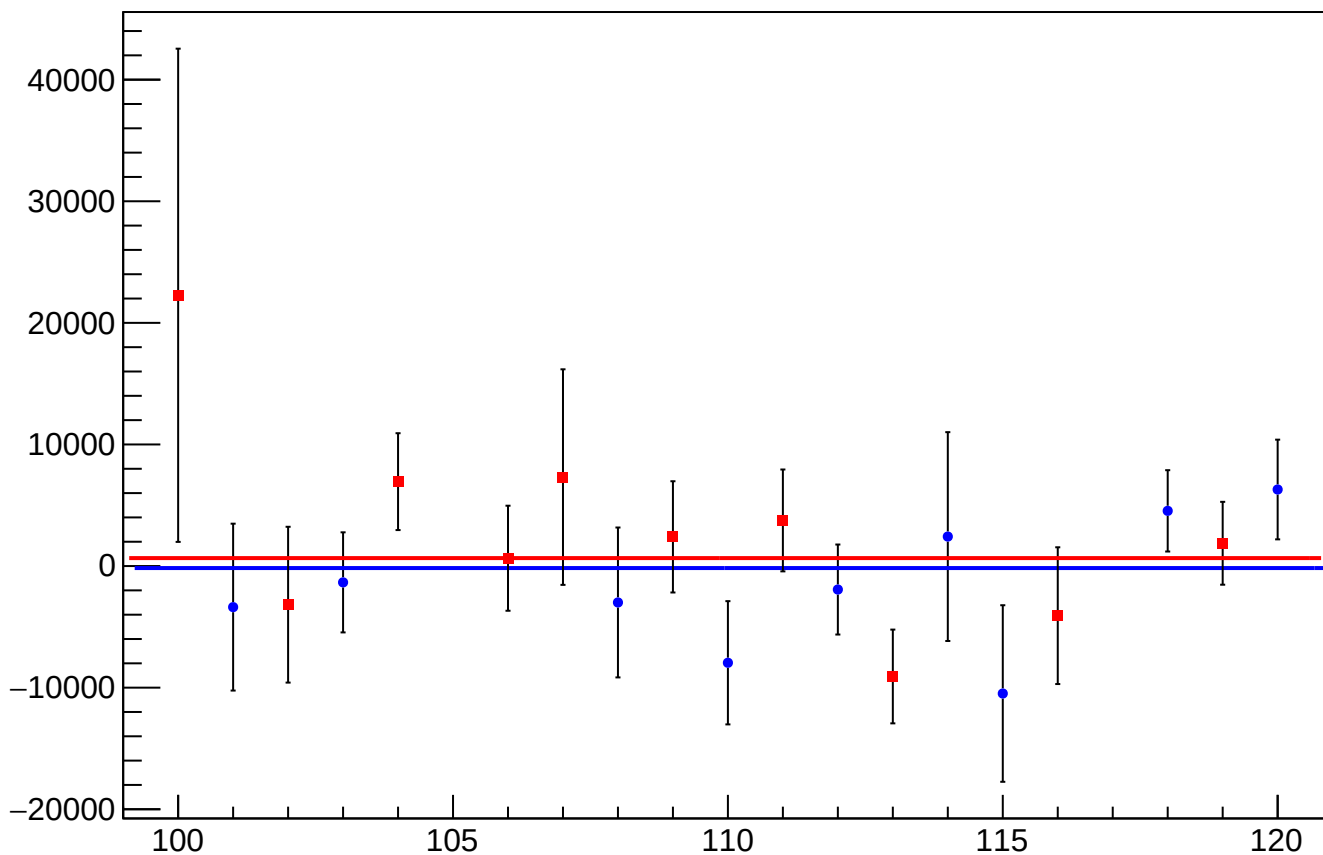
Right: 1729.887+/-0.457 χ^2/NDF : 781428.6/18

In: 1738.944+/-0.674 χ^2/NDF : 653440.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1729.887+/-0.457 χ^2/NDF : 781428.6/18

asym_atr1l2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -164.639+/-1581.162 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 654.778+/-1497.431 χ^2/NDF : 12.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

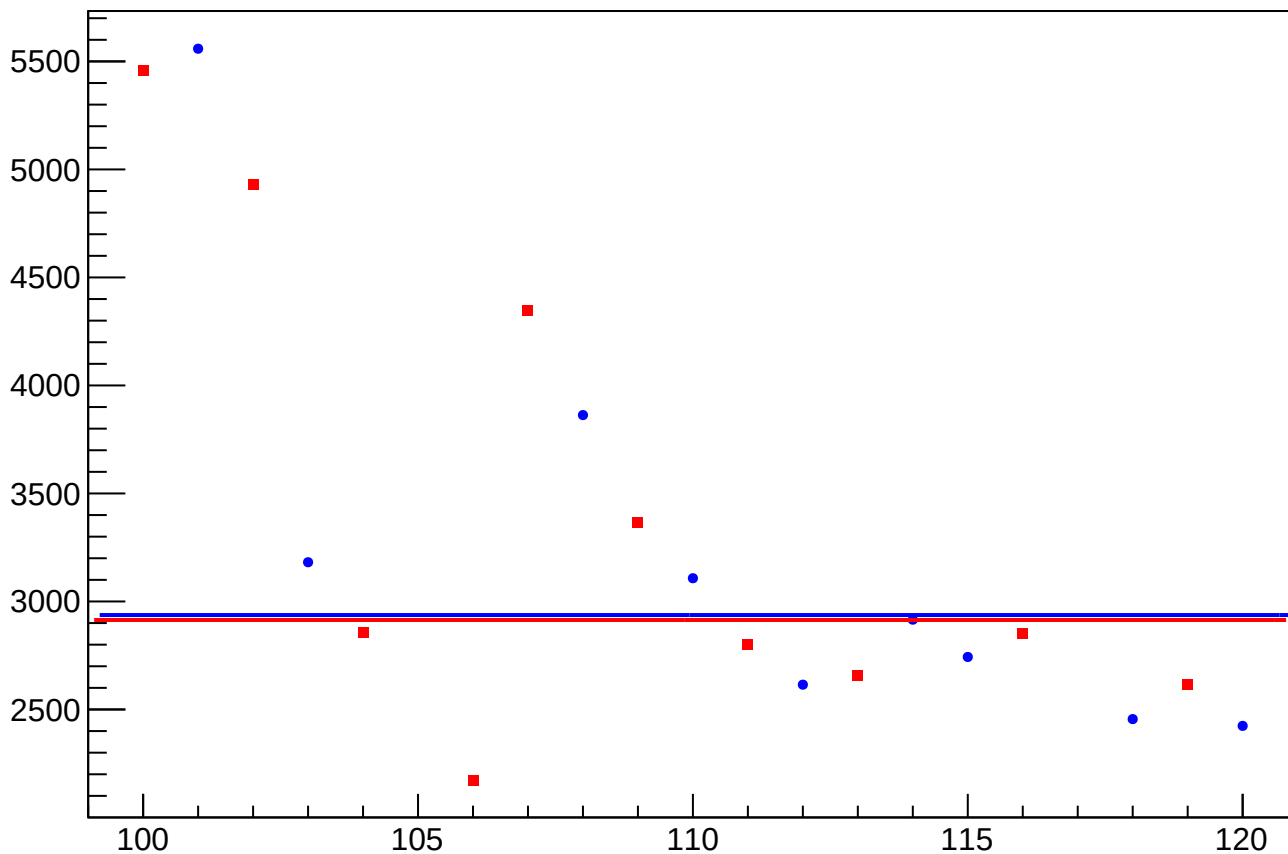
Right: 267.340+/-1087.240 χ^2/NDF : 22.3/18

In: -164.639+/-1581.162 χ^2/NDF : 9.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 267.340+/-1087.240 χ^2/NDF : 22.3/18

asym_atr1l2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2937.146+/-1.118 χ^2/NDF : 435752.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2914.166+/-1.059 χ^2/NDF : 386207.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

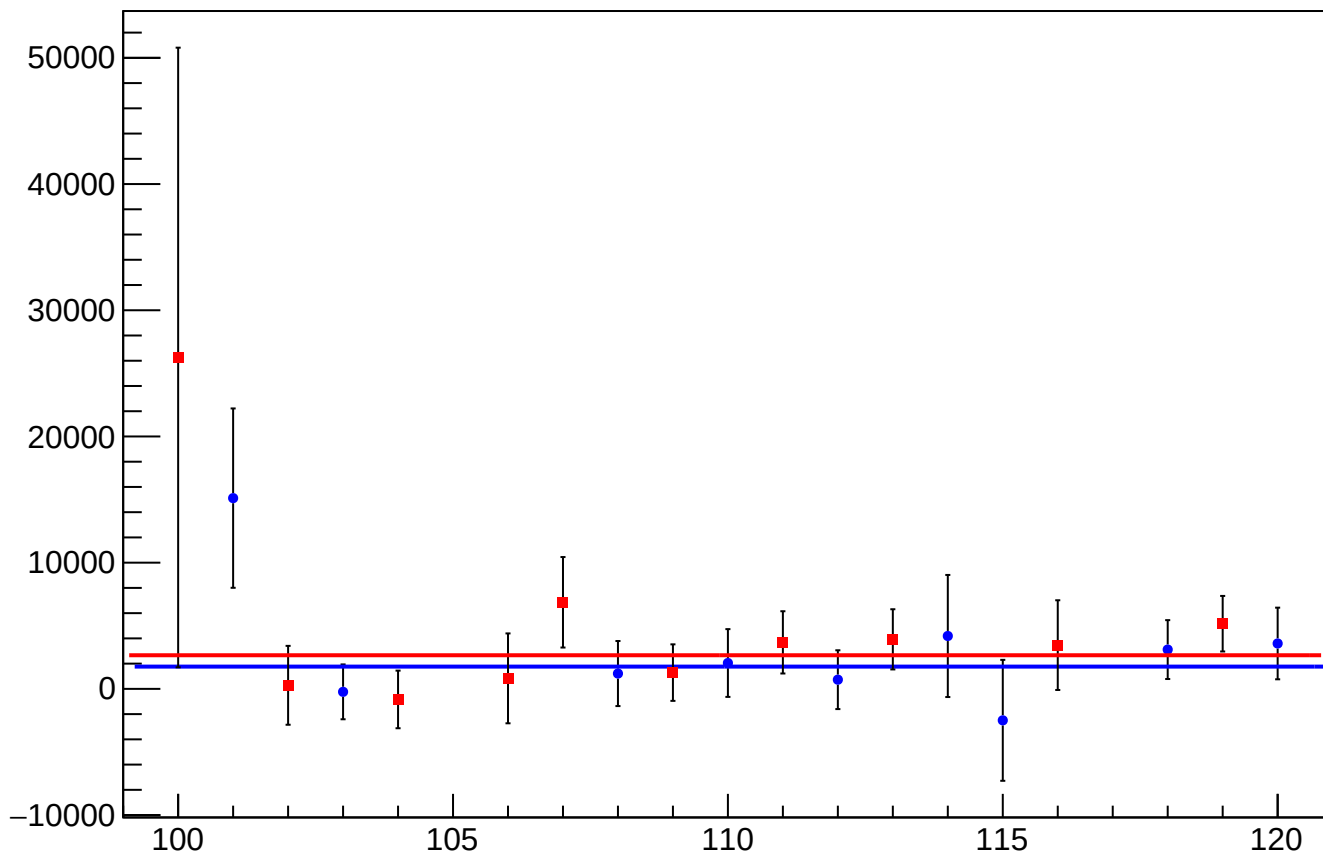
Right: 2925.031+/-0.769 χ^2/NDF : 822183.3/18

In: 2937.146+/-1.118 χ^2/NDF : 435752.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2925.031+/-0.769 χ^2/NDF : 822183.3/18

eigen_cor_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1764.637+/-953.737 χ^2/NDF : 6.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2664.306+/-884.528 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

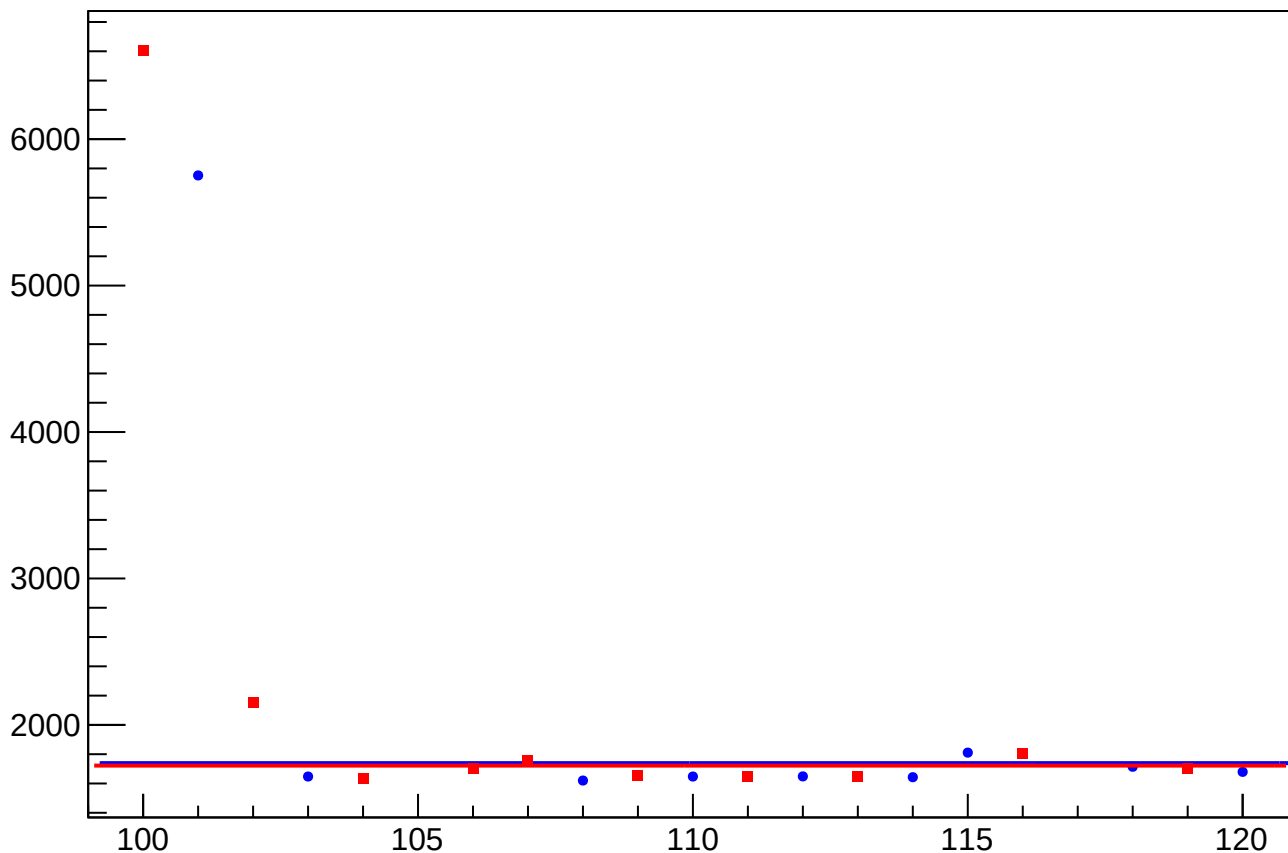
Right: 2248.295+/-648.544 χ^2/NDF : 14.6/18

In: 1764.637+/-953.737 χ^2/NDF : 6.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2248.295+/-648.544 χ^2/NDF : 14.6/18

eigen_cor_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1738.944+/-0.674 χ^2/NDF : 653440.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1722.201+/-0.621 χ^2/NDF : 127655.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

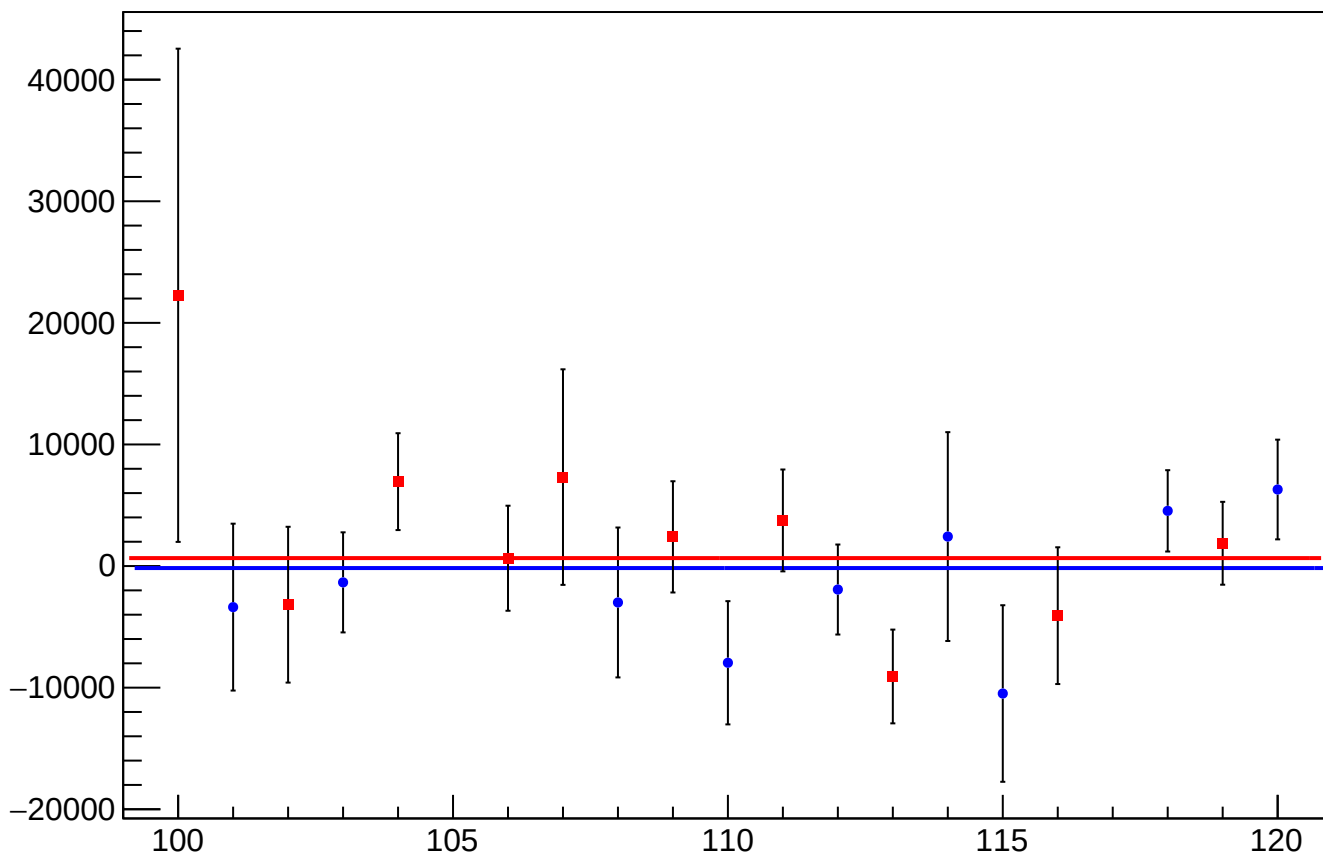
Right: 1729.887+/-0.457 χ^2/NDF : 781428.6/18

In: 1738.944+/-0.674 χ^2/NDF : 653440.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1729.887+/-0.457 χ^2/NDF : 781428.6/18

asym_atr1l2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -164.639+/-1581.162 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 654.778+/-1497.431 χ^2/NDF : 12.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

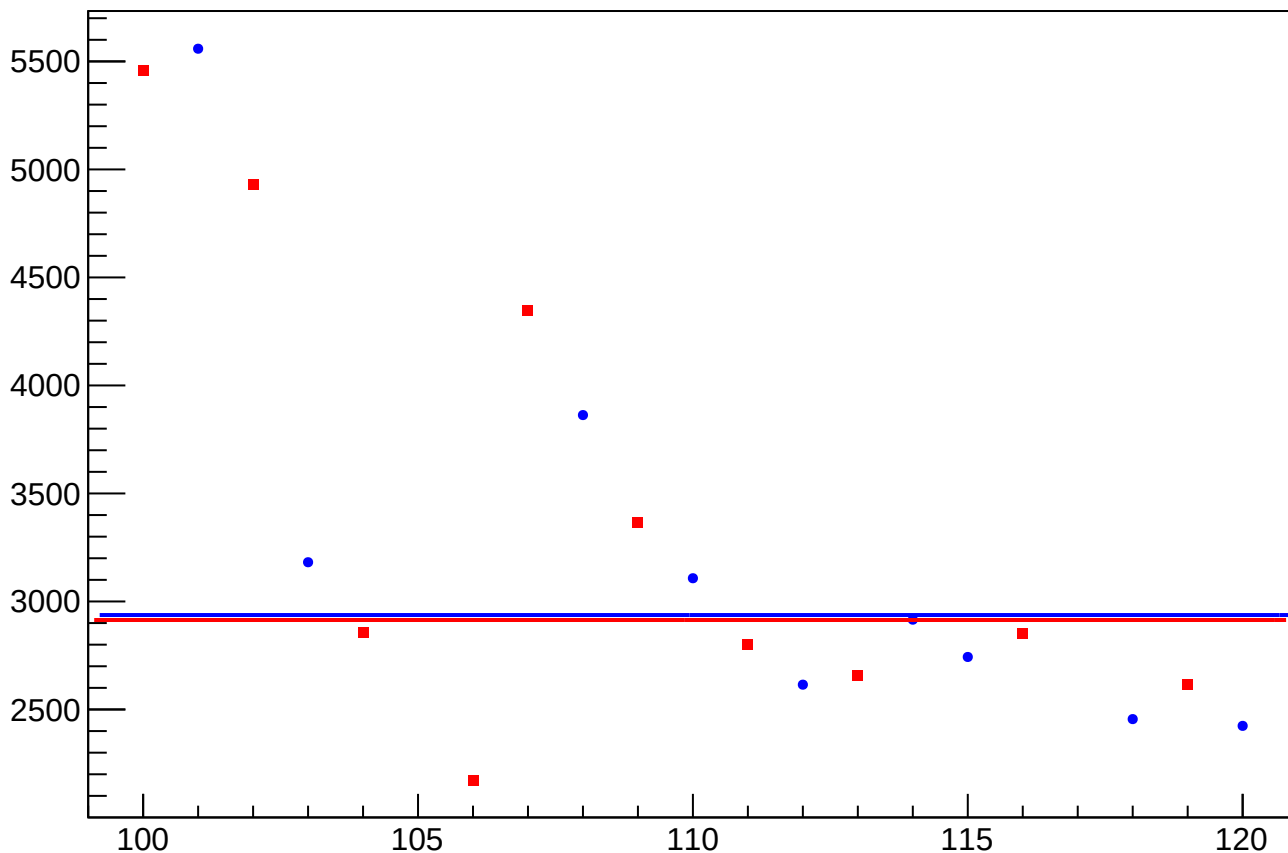
Right: 267.340+/-1087.240 χ^2/NDF : 22.3/18

In: -164.639+/-1581.162 χ^2/NDF : 9.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 267.340+/-1087.240 χ^2/NDF : 22.3/18

asym_atr1l2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2937.146+/-1.118 χ^2/NDF : 435752.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2914.166+/-1.059 χ^2/NDF : 386207.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

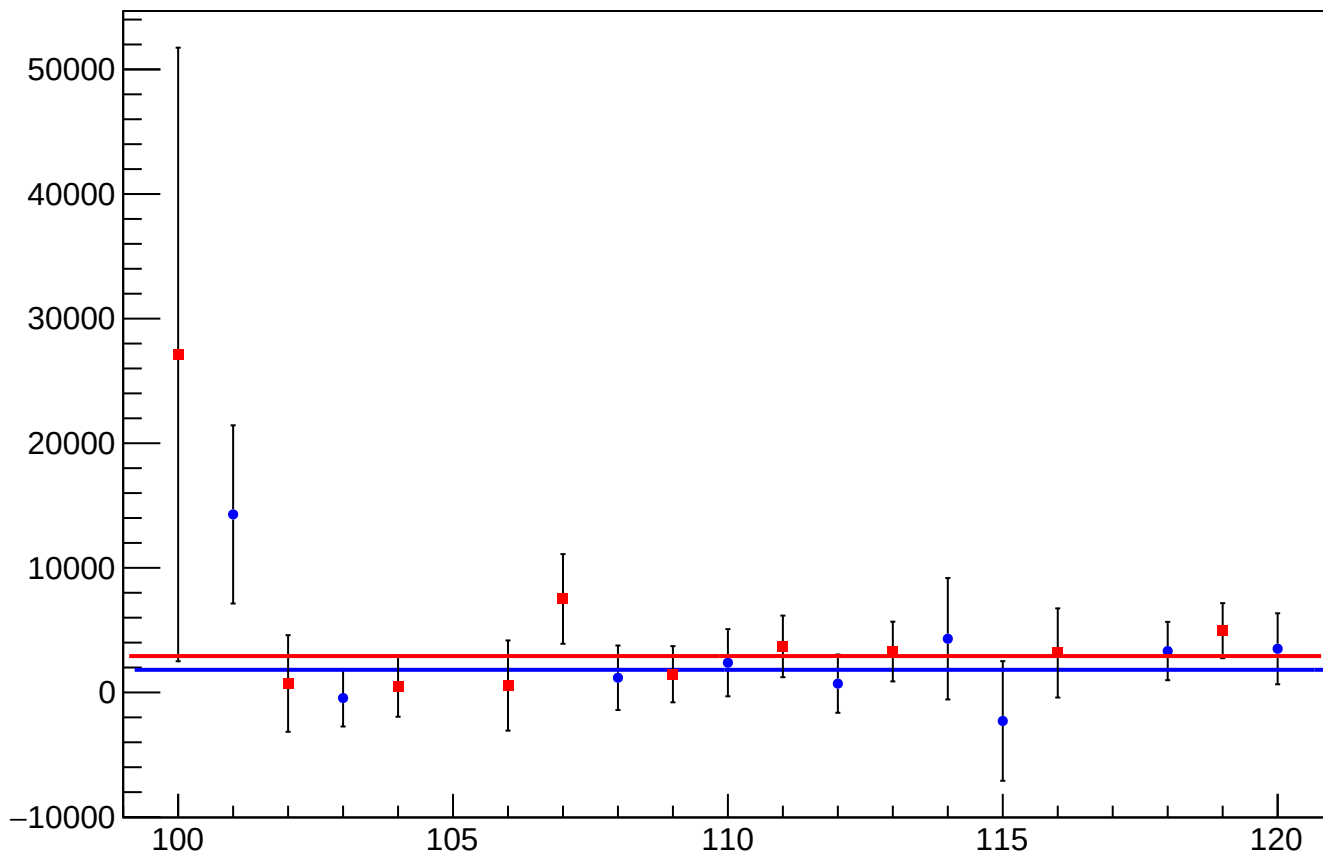
Right: 2925.031+/-0.769 χ^2/NDF : 822183.3/18

In: 2937.146+/-1.118 χ^2/NDF : 435752.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2925.031+/-0.769 χ^2/NDF : 822183.3/18

dit_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1816.437+/-965.642 χ^2/NDF : 6.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2919.513+/-909.961 χ^2/NDF : 5.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

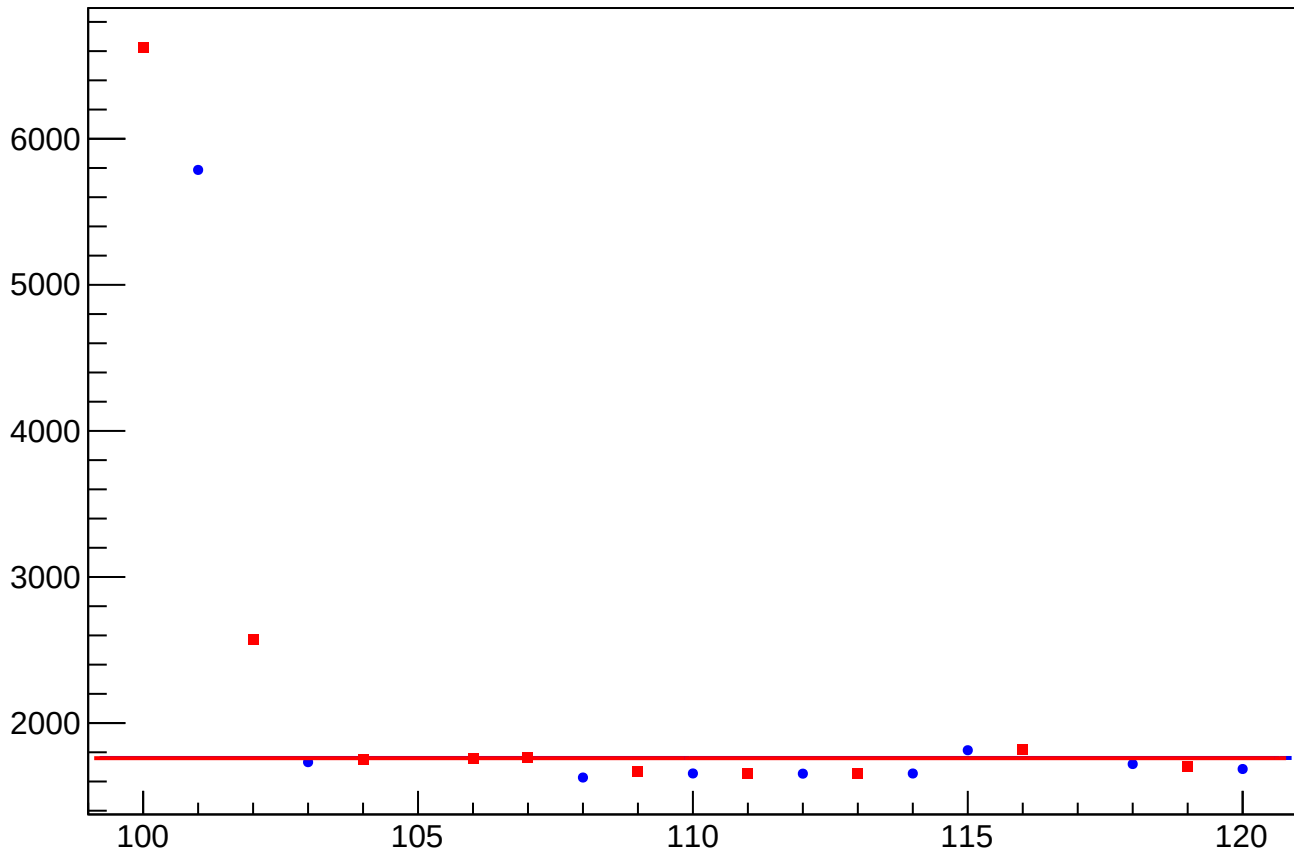
Right: 2400.693+/-662.250 χ^2/NDF : 12.5/18

In: 1816.437+/-965.642 χ^2/NDF : 6.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2400.693+/-662.250 χ^2/NDF : 12.5/18

dit_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1761.033+/-0.683 χ^2/NDF : 650222.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1759.604+/-0.640 χ^2/NDF : 179326.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

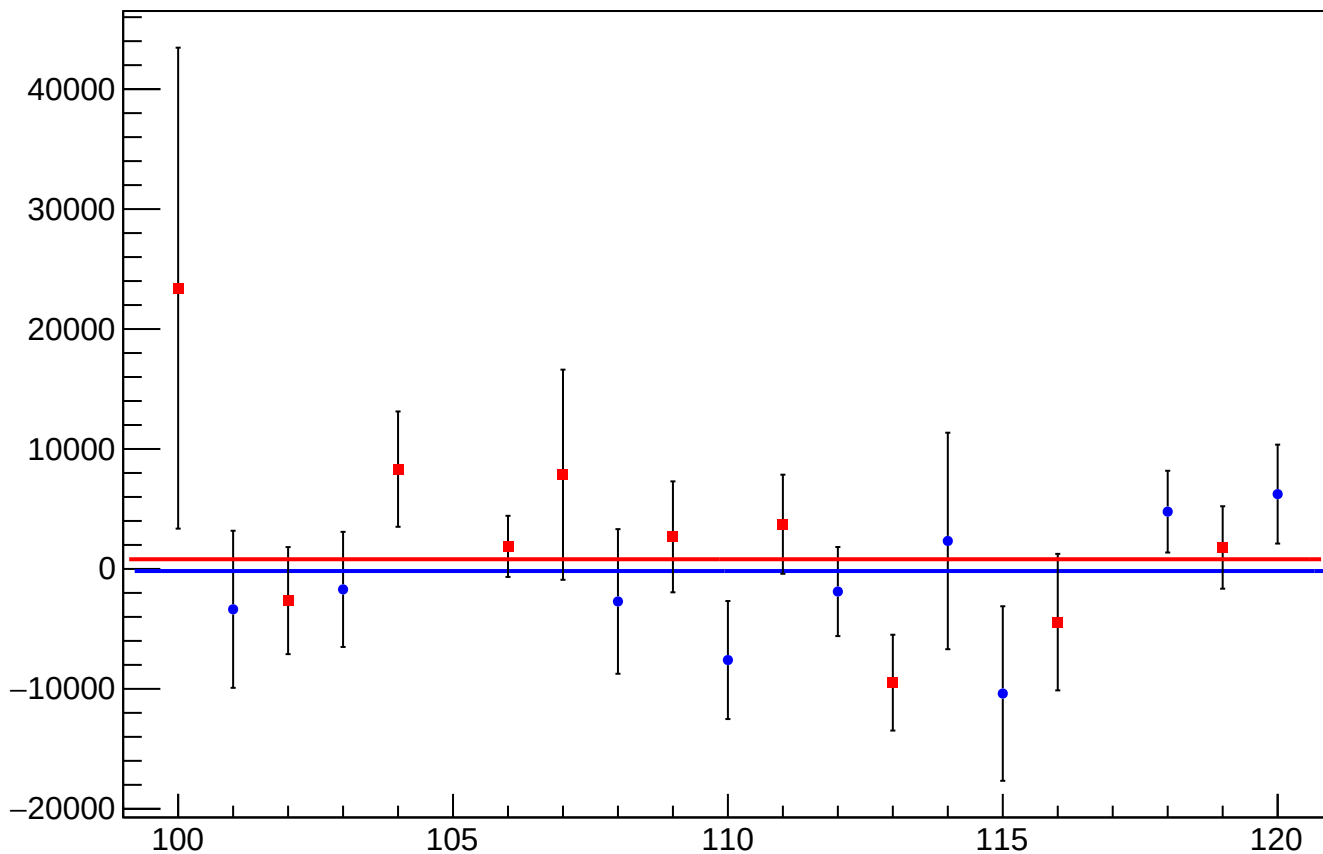
Right: 1760.272+/-0.467 χ^2/NDF : 829551.2/18

In: 1761.033+/-0.683 χ^2/NDF : 650222.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1760.272+/-0.467 χ^2/NDF : 829551.2/18

asym_atr1l2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -175.500+/-1613.391 χ^2/NDF : 9.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 807.019+/-1352.568 χ^2/NDF : 13.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

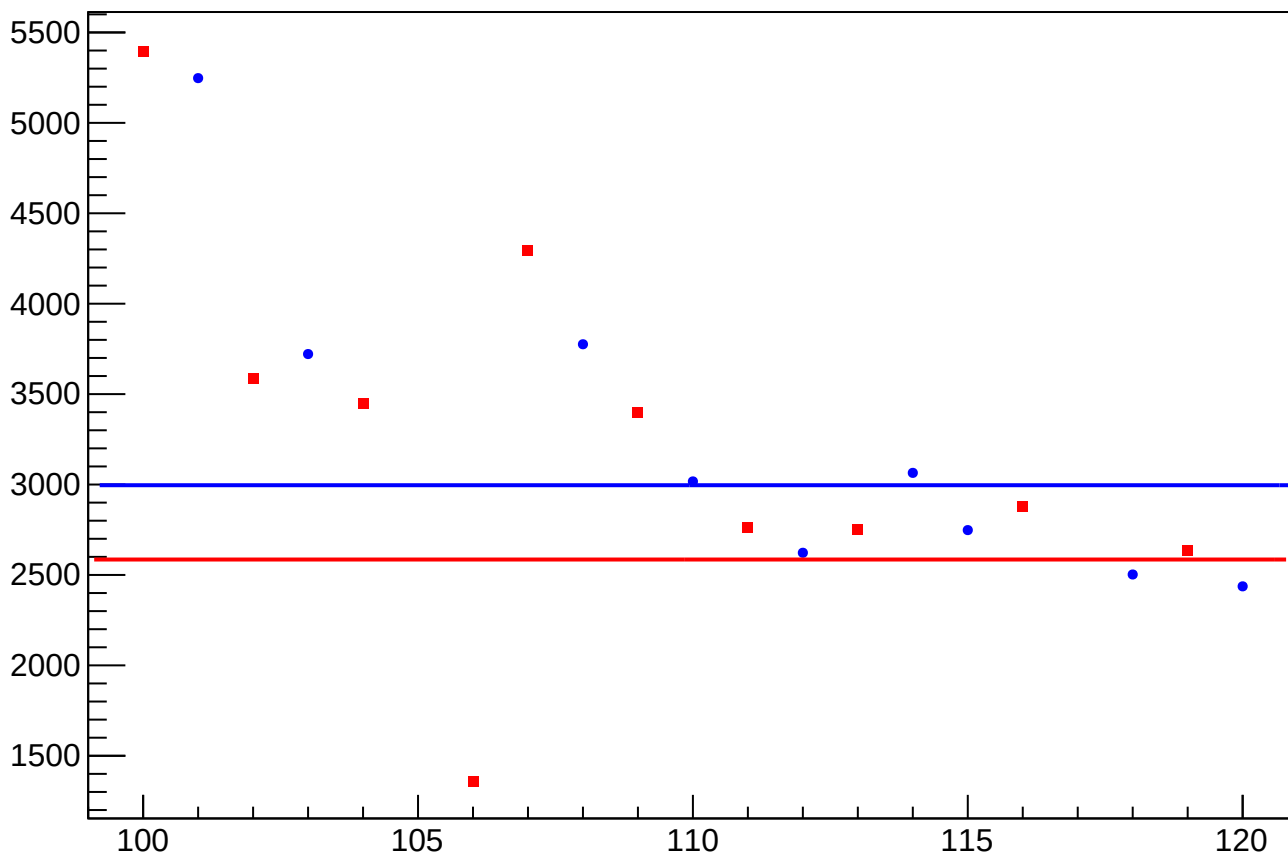
Right: 401.498+/-1036.516 χ^2/NDF : 23.2/18

In: -175.500+/-1613.391 χ^2/NDF :9.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 401.498+/-1036.516 χ^2/NDF : 23.2/18

asym_atr1l2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2996.229+/-1.141 χ^2/NDF : 417000.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2585.329+/-0.956 χ^2/NDF : 819928.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

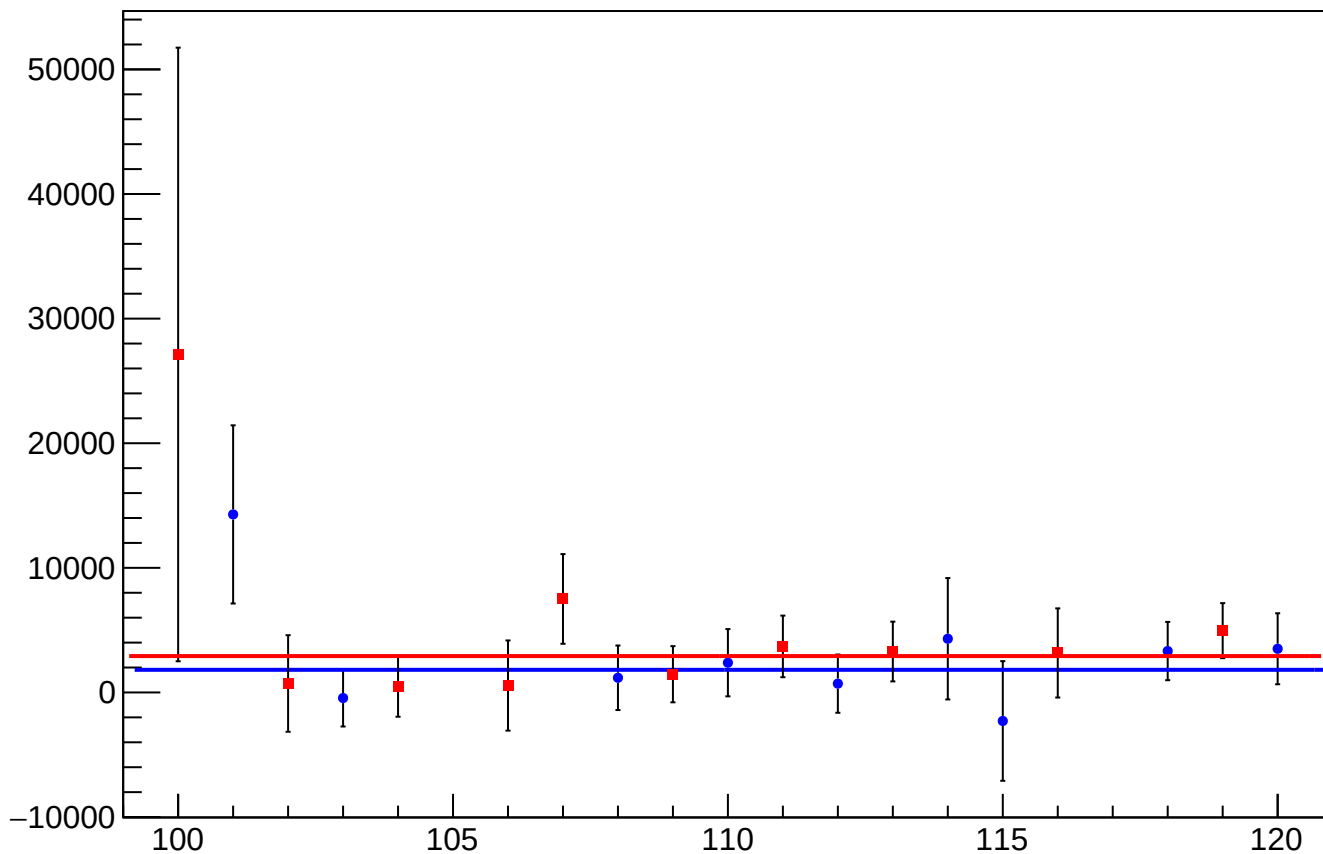
Right: 2754.922+/-0.733 χ^2/NDF : 1313111.7/18

In: 2996.229+/-1.141 χ^2/NDF : 417000.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2754.922+/-0.733 χ^2/NDF : 1313111.7/18

eigen_dit_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1816.439+/-965.642 χ^2 /NDF: 6.1/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2919.520+/-909.961 χ^2 /NDF: 5.7/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

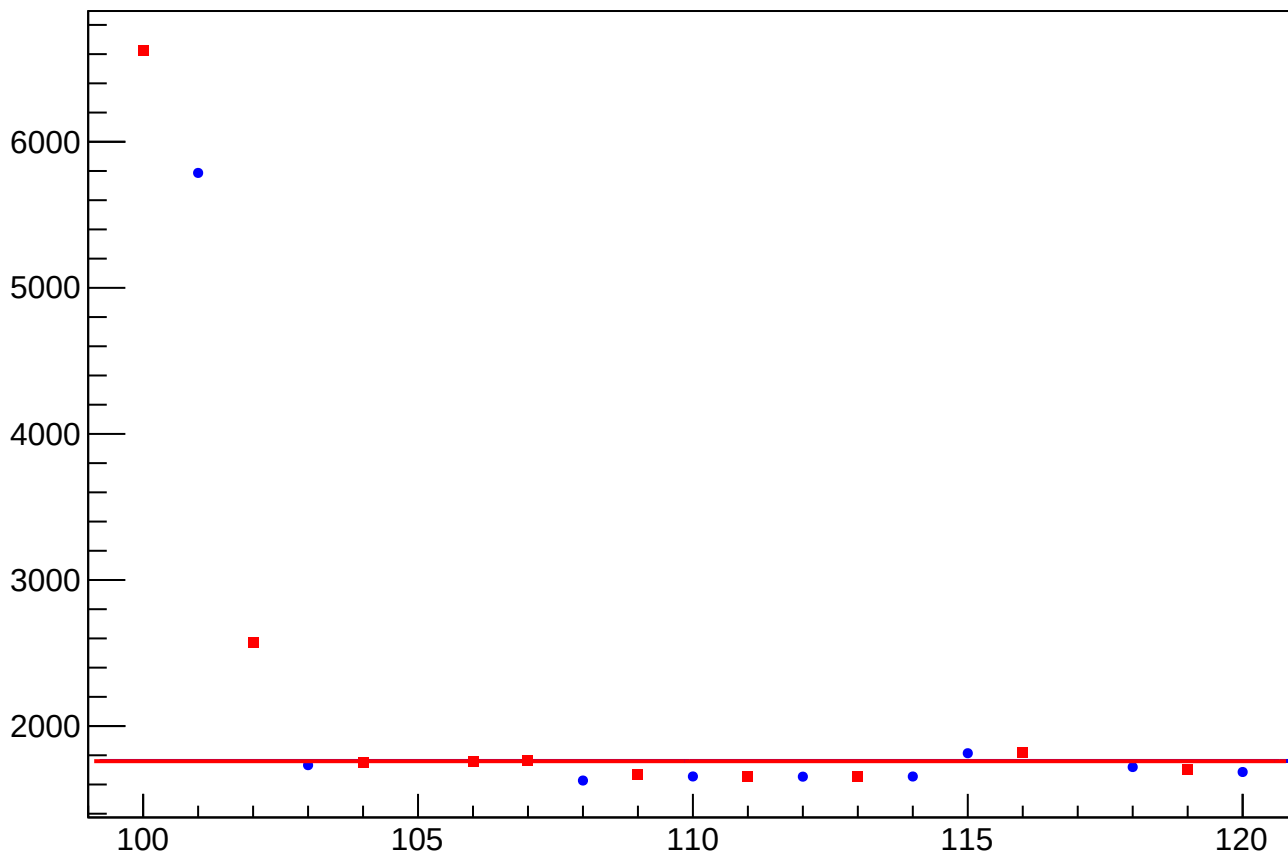
Right: 2400.698+/-662.250 χ^2 /NDF: 12.5/18

In: 1816.439+/-965.642 χ^2 /NDF:6.1/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2400.698+/-662.250 χ^2 /NDF: 12.5/18

eigen_dit_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1761.033+/-0.683 χ^2/NDF : 650222.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1759.603+/-0.640 χ^2/NDF : 179326.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

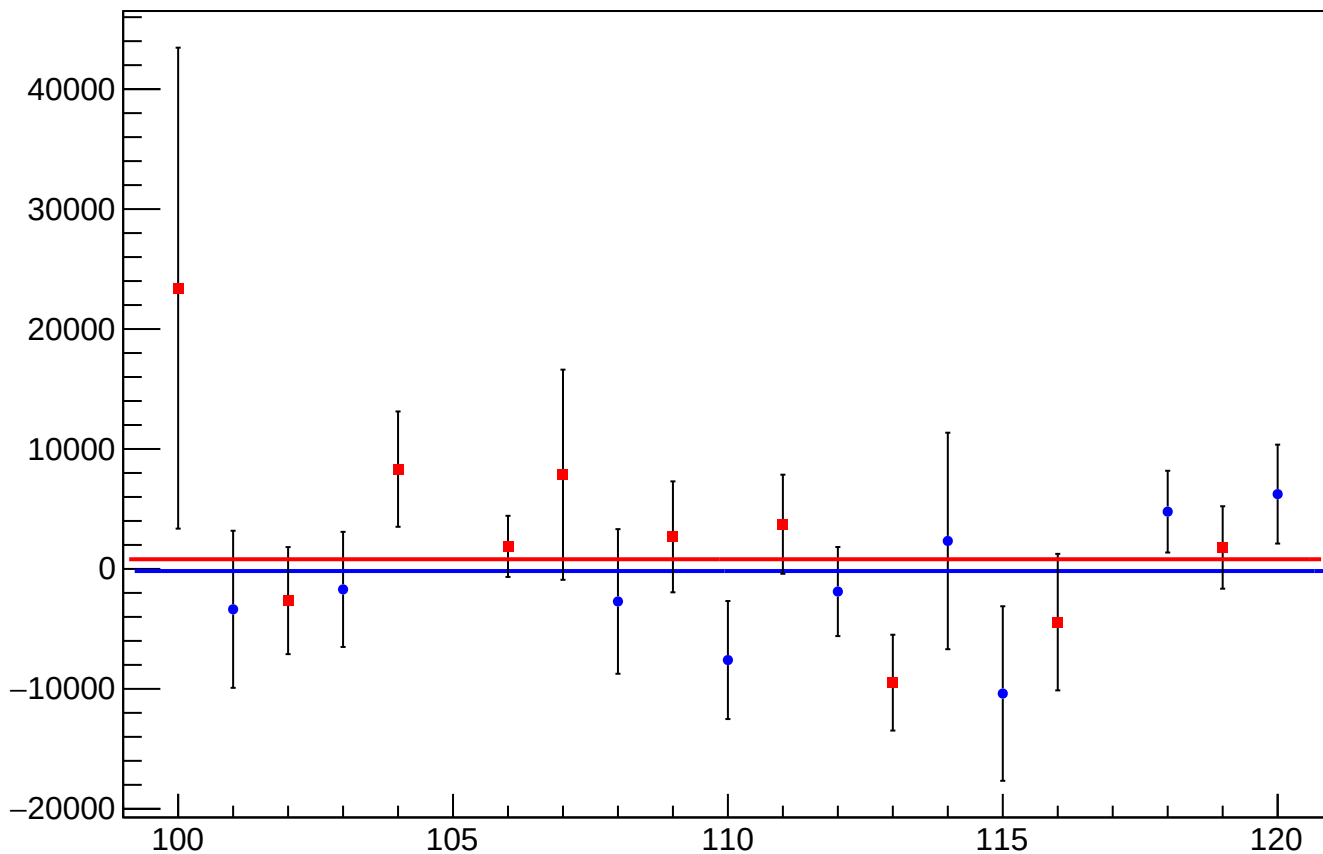
Right: 1760.272+/-0.467 χ^2/NDF : 829551.1/18

In: 1761.033+/-0.683 χ^2/NDF : 650222.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1760.272+/-0.467 χ^2/NDF : 829551.1/18

asym_atr1l2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -175.493+/-1613.384 χ^2/NDF : 9.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 807.019+/-1352.562 χ^2/NDF : 13.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

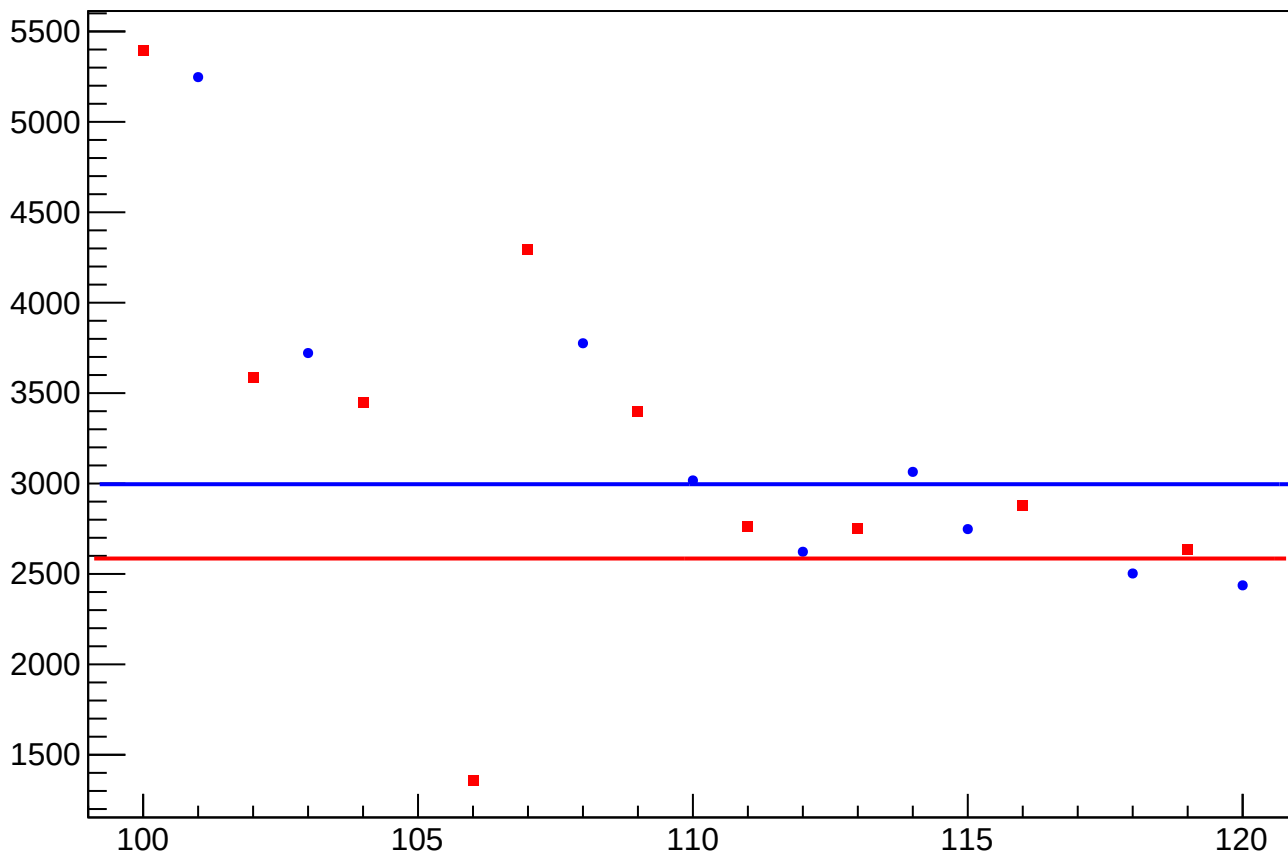
Right: 401.501+/-1036.511 χ^2/NDF : 23.2/18

In: -175.493+/-1613.384 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 401.501+/-1036.511 χ^2/NDF : 23.2/18

asym_atr1l2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2996.215+/-1.141 χ^2/NDF : 417004.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2585.314+/-0.956 χ^2/NDF : 819942.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

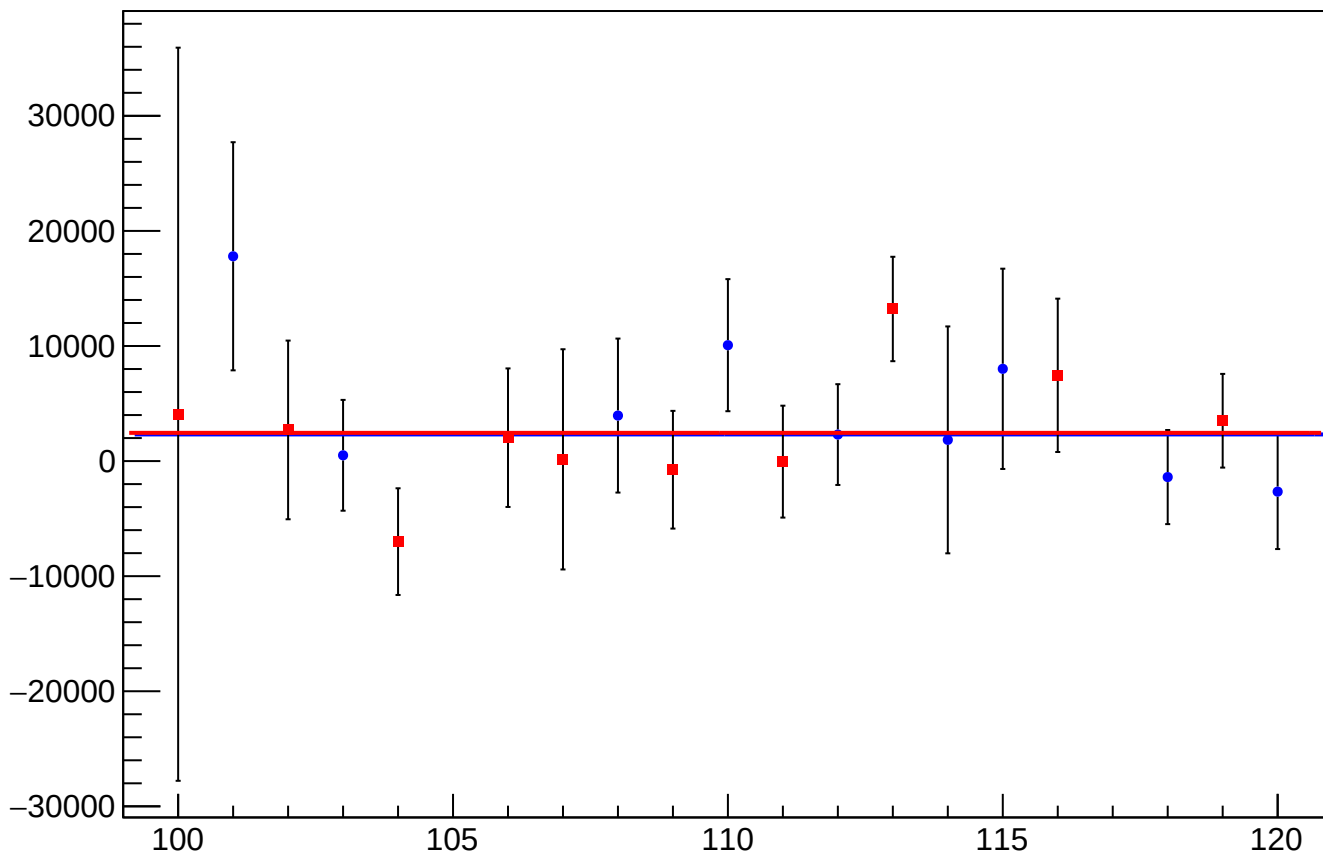
Right: 2754.908+/-0.733 χ^2/NDF : 1313130.5/18

In: 2996.215+/-1.141 χ^2/NDF : 417004.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2754.908+/-0.733 χ^2/NDF : 1313130.5/18

asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 2315.779+/-1884.240 χ^2/NDF : 6.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2452.814+/-1782.809 χ^2/NDF : 11.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

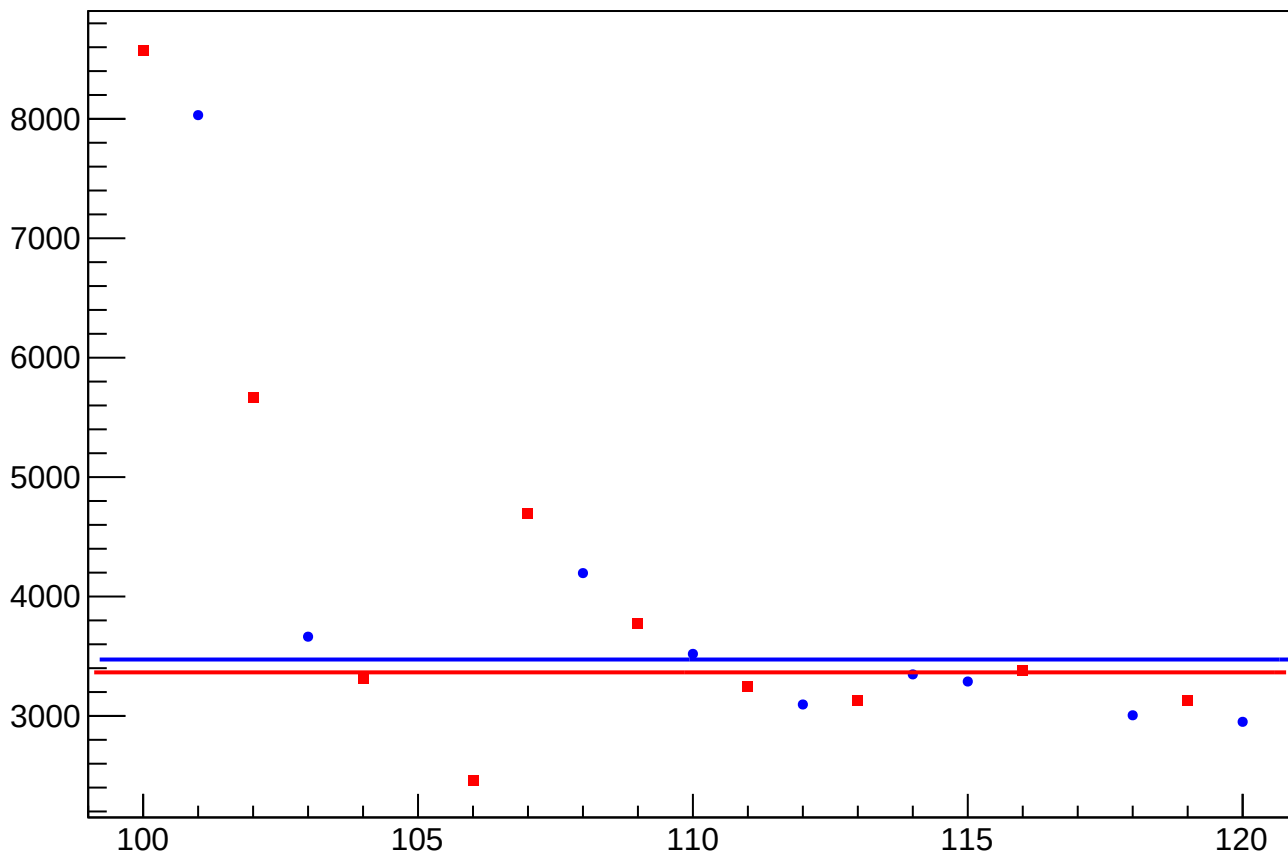
Right: 2388.084+/-1295.010 χ^2/NDF : 17.9/18

In: 2315.779+/-1884.240 χ^2/NDF : 6.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2388.084+/-1295.010 χ^2/NDF : 17.9/18

asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 3472.489+/-1.332 χ^2/NDF : 513705.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3364.879+/-1.227 χ^2/NDF : 367159.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

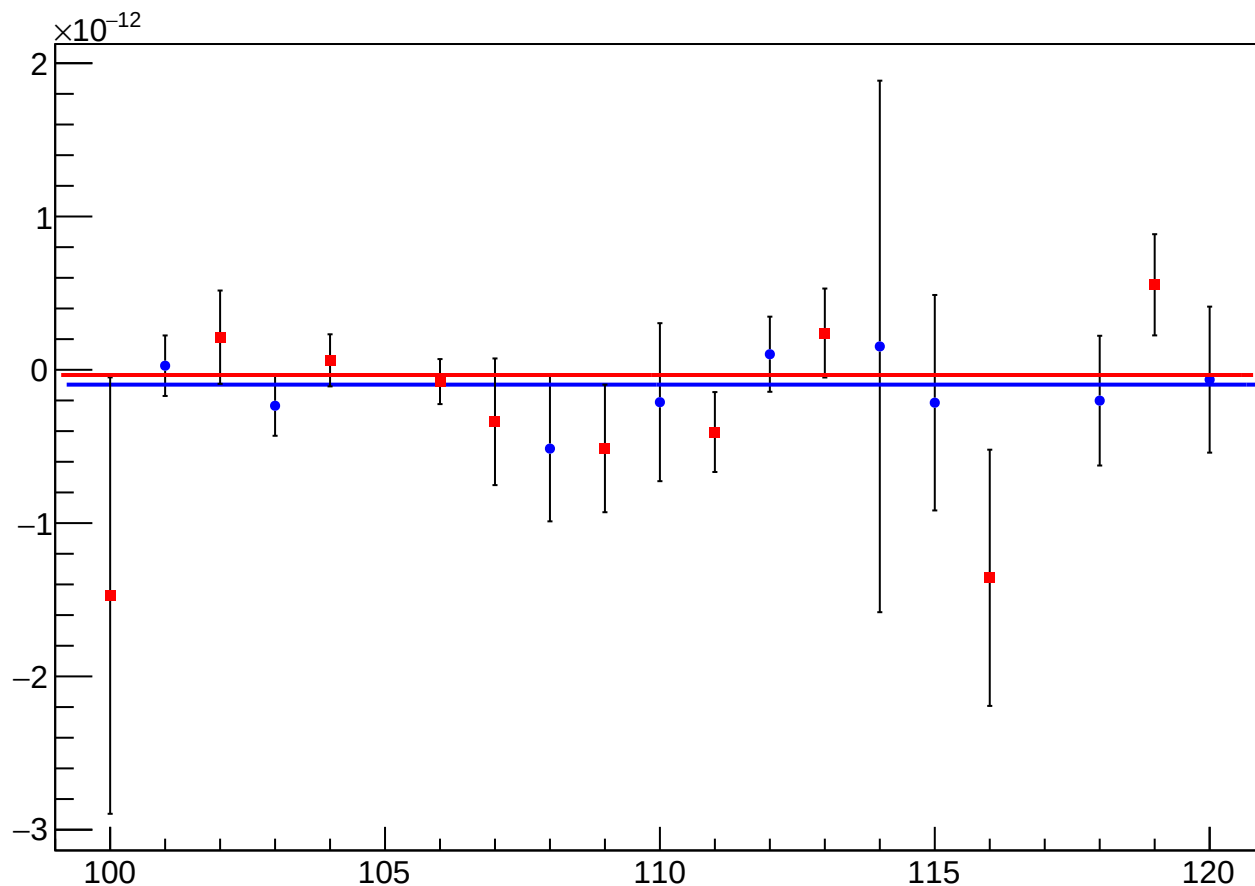
Right: 3414.261+/-0.903 χ^2/NDF : 884394.8/18

In: 3472.489+/-1.332 χ^2/NDF : 513705.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3414.261+/-0.903 χ^2/NDF : 884394.8/18

asym_atr1l2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

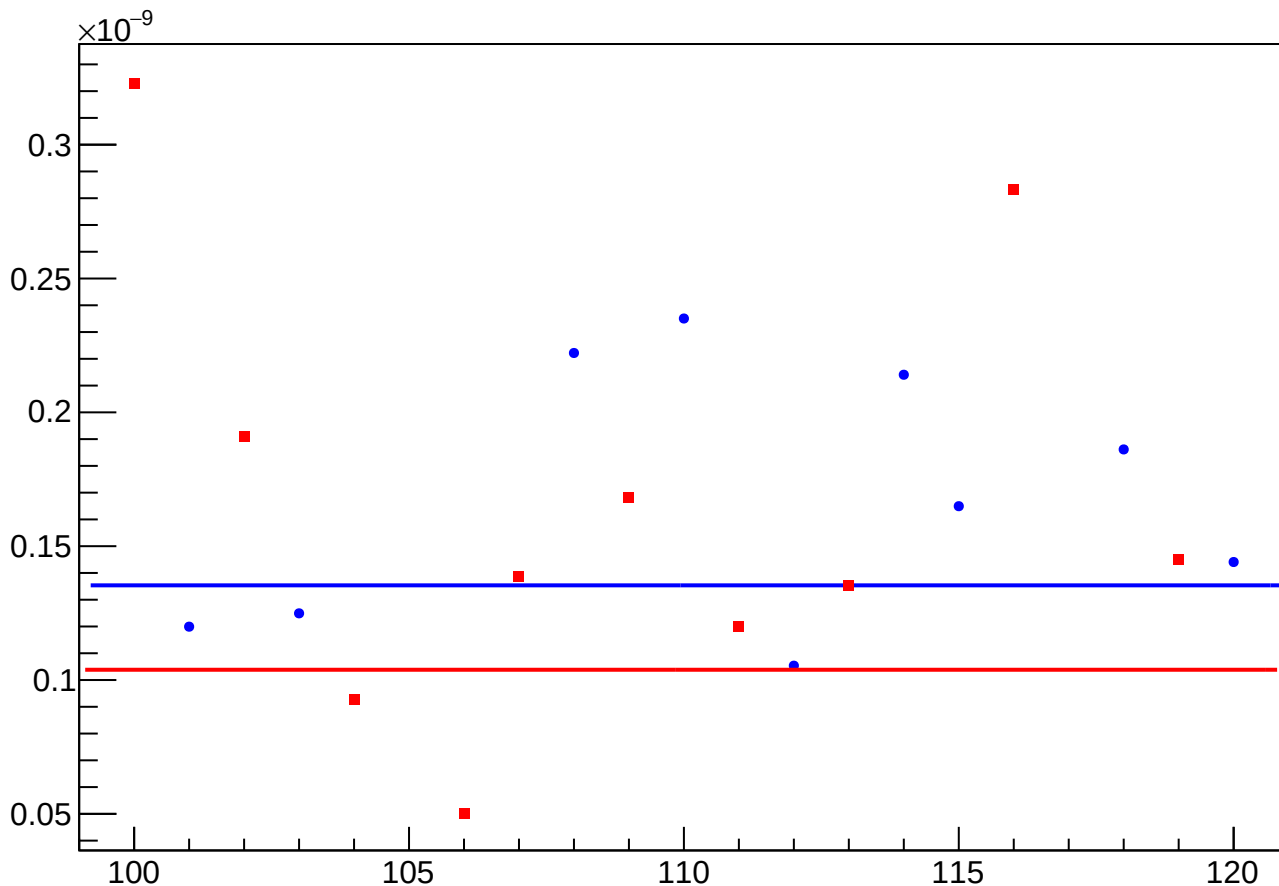
Right: -0.000+/-0.000 χ^2/NDF : 15.3/18

In: -0.000+/-0.000 χ^2/NDF : 2.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.3/18

asym_atr1l2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 226891.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 703546.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

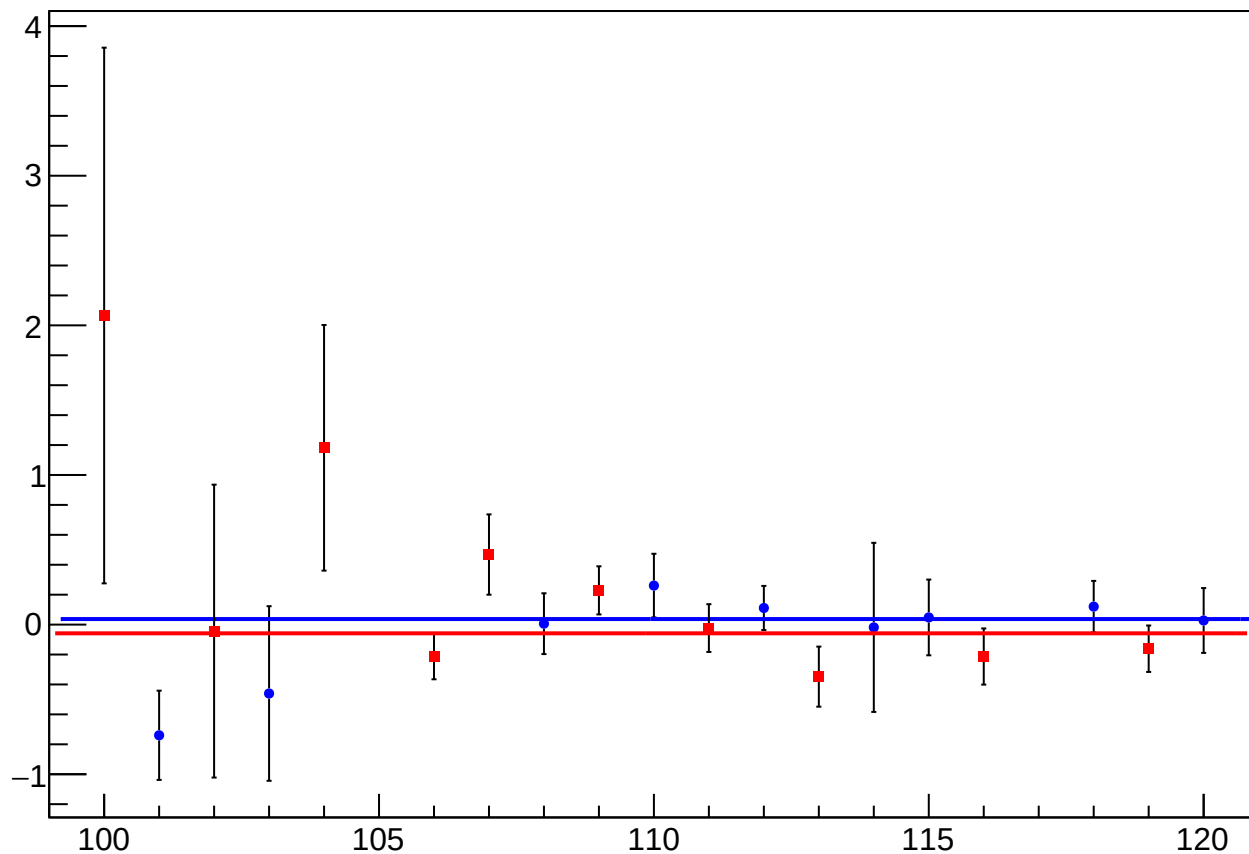
Right: 0.000+/-0.000 χ^2/NDF : 1038973.2/18

In: 0.000+/-0.000 χ^2/NDF : 226891.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1038973.2/18

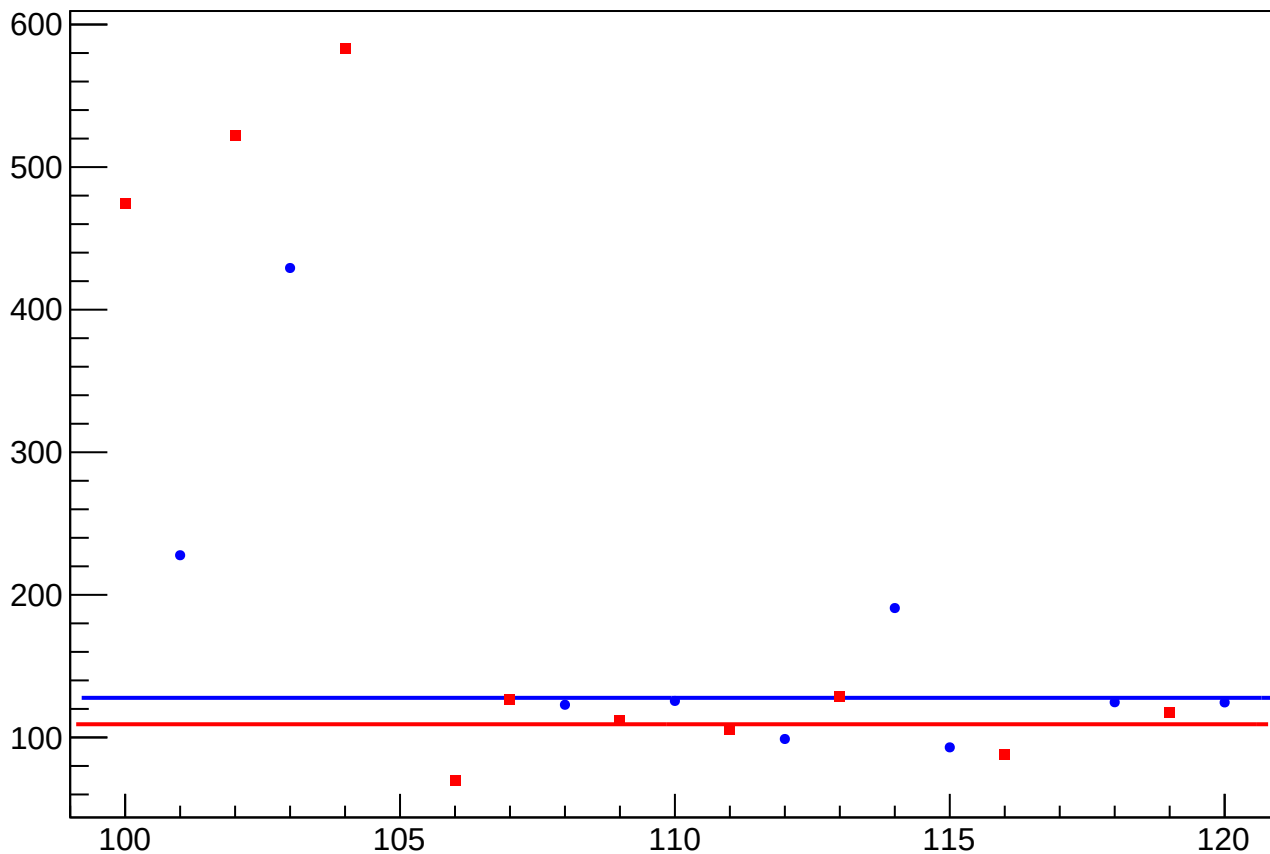
asym_atr1l2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.037+/-0.074 χ^2/NDF : 9.1/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.058+/-0.066 χ^2/NDF : 15.0/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.016+/-0.049 χ^2/NDF : 25.0/18
 In: 0.037+/-0.074 χ^2/NDF : 9.1/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.016+/-0.049 χ^2/NDF : 25.0/18

asym_atr1l2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 127.771+/-0.053 χ^2/NDF : 900426.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.248+/-0.046 χ^2/NDF : 1297344.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

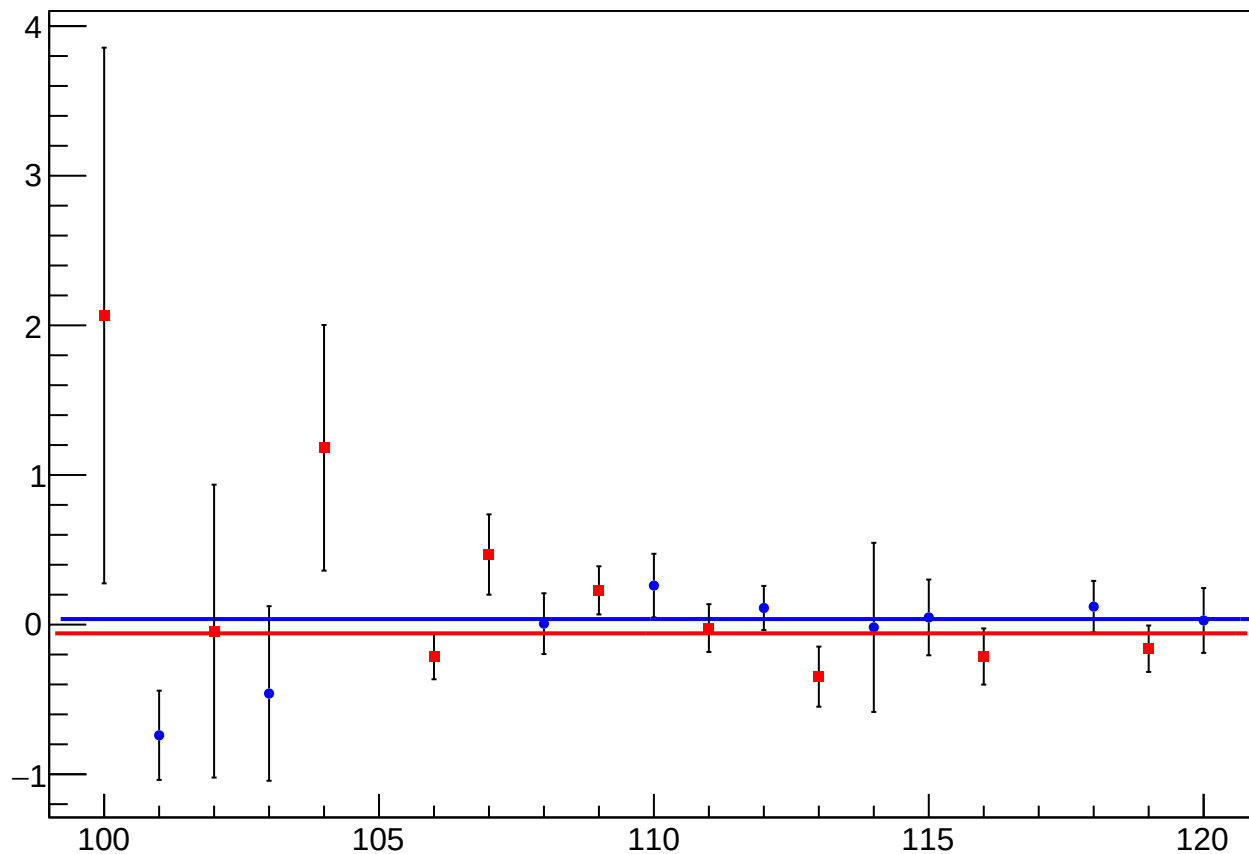
Right: 117.360+/-0.035 χ^2/NDF : 2267346.3/18

In: 127.771+/-0.053 χ^2/NDF : 900426.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.360+/-0.035 χ^2/NDF : 2267346.3/18

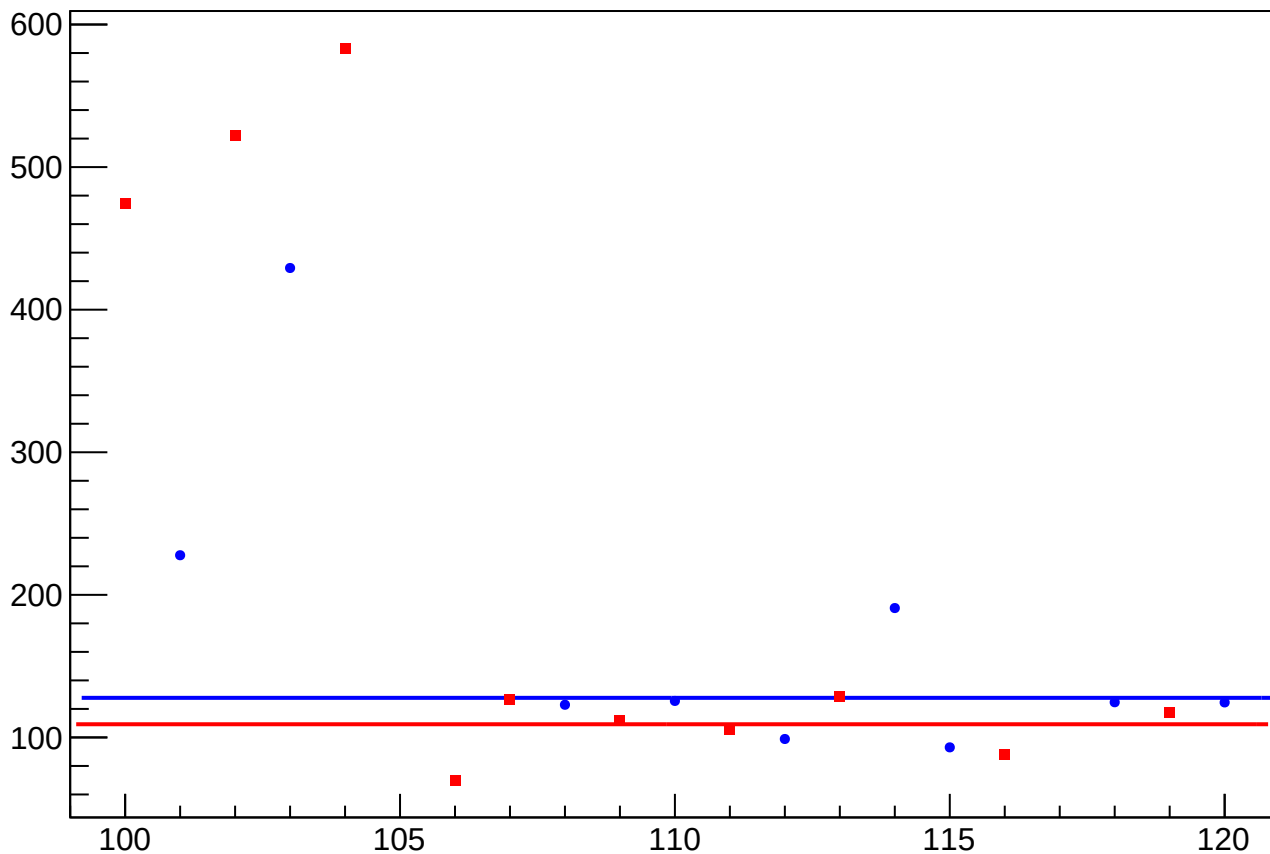
asym_atr1l2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.037+/-0.074 χ^2/NDF : 9.1/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.058+/-0.066 χ^2/NDF : 15.0/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.016+/-0.049 χ^2/NDF : 25.0/18
 In: 0.037+/-0.074 χ^2/NDF : 9.1/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.016+/-0.049 χ^2/NDF : 25.0/18

asym_atr1l2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 127.771+/-0.053 χ^2/NDF : 900426.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.248+/-0.046 χ^2/NDF : 1297344.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

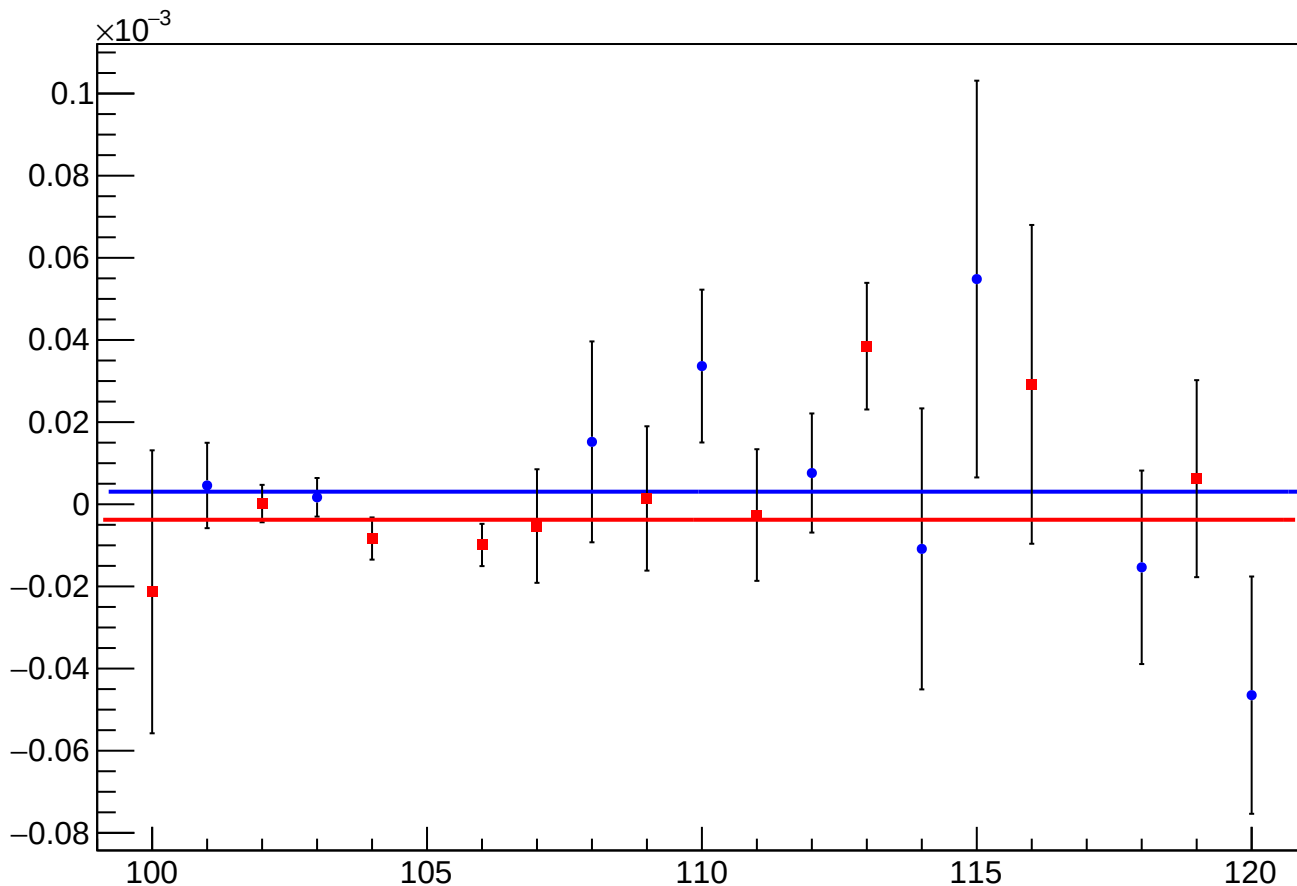
Right: 117.360+/-0.035 χ^2/NDF : 2267346.3/18

In: 127.771+/-0.053 χ^2/NDF : 900426.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.360+/-0.035 χ^2/NDF : 2267346.3/18

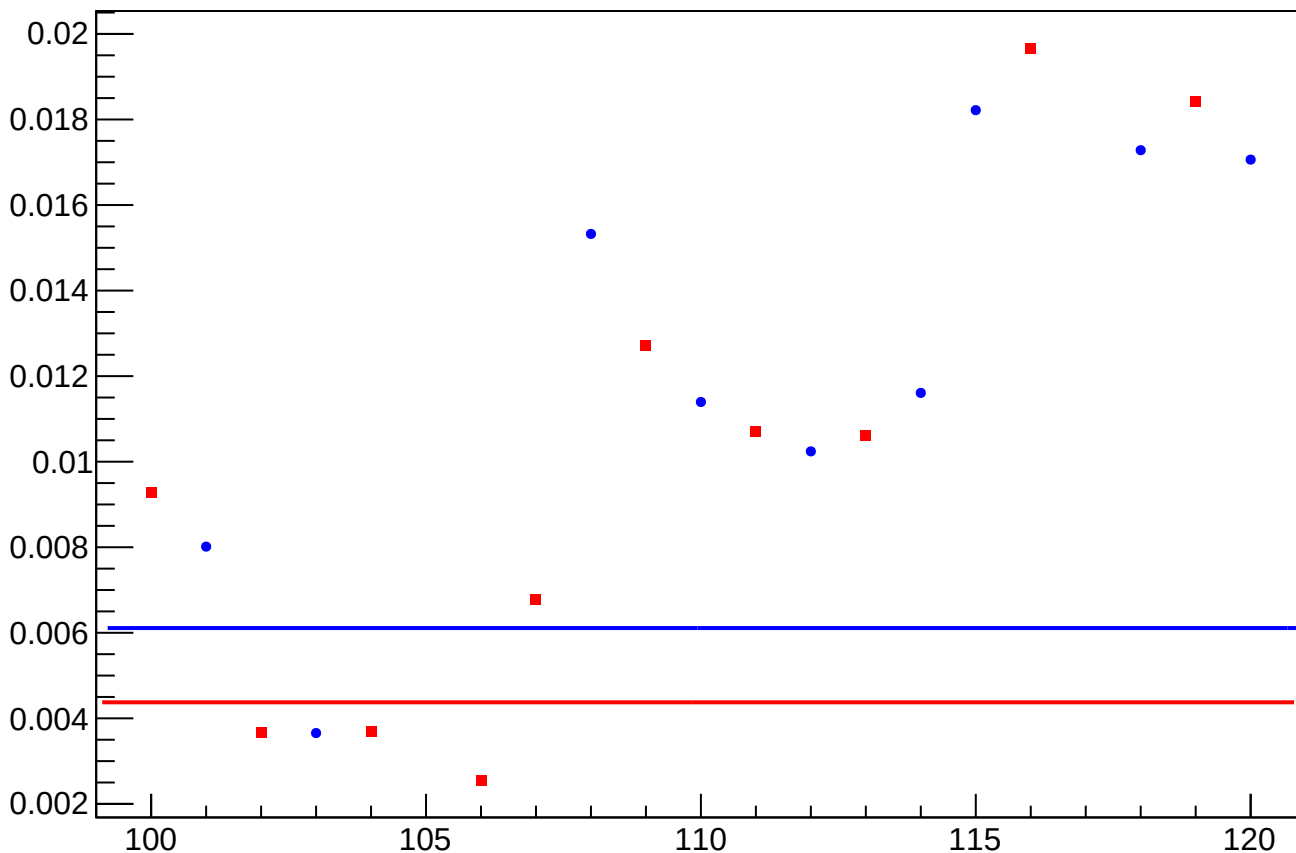
asym_atr1l2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.0/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 11.7/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 21.9/18
 In: 0.000+/-0.000 χ^2/NDF : 8.0/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 21.9/18

asym_atr1l2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 2134767.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 2522863.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

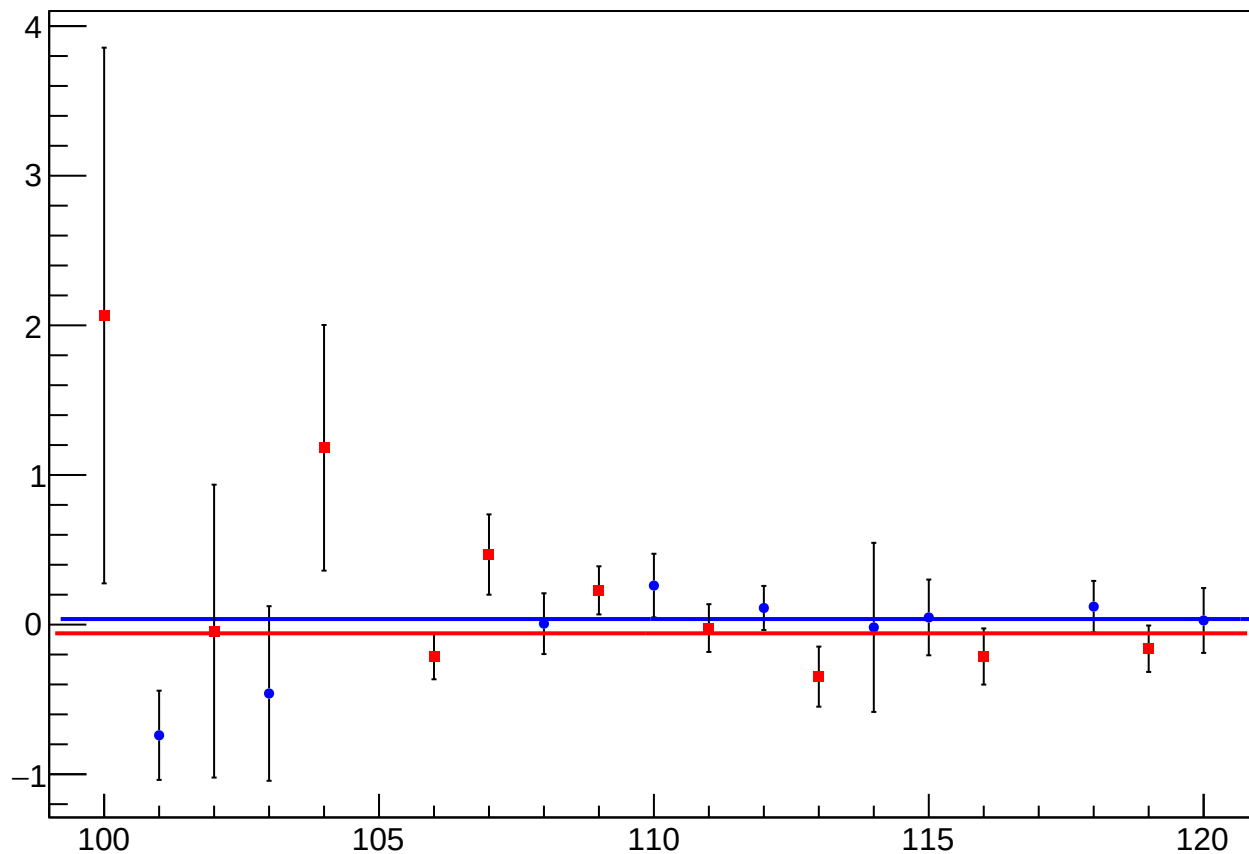
Right: 0.005+/-0.000 χ^2/NDF : 4936296.0/18

In: 0.006+/-0.000 χ^2/NDF :2134767.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 4936296.0/18

asym_atr1l2_avg_eigen_dit_vs_slug, Sign Corrected



Right In: 0.037+/-0.074 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.058+/-0.066 χ^2/NDF : 15.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

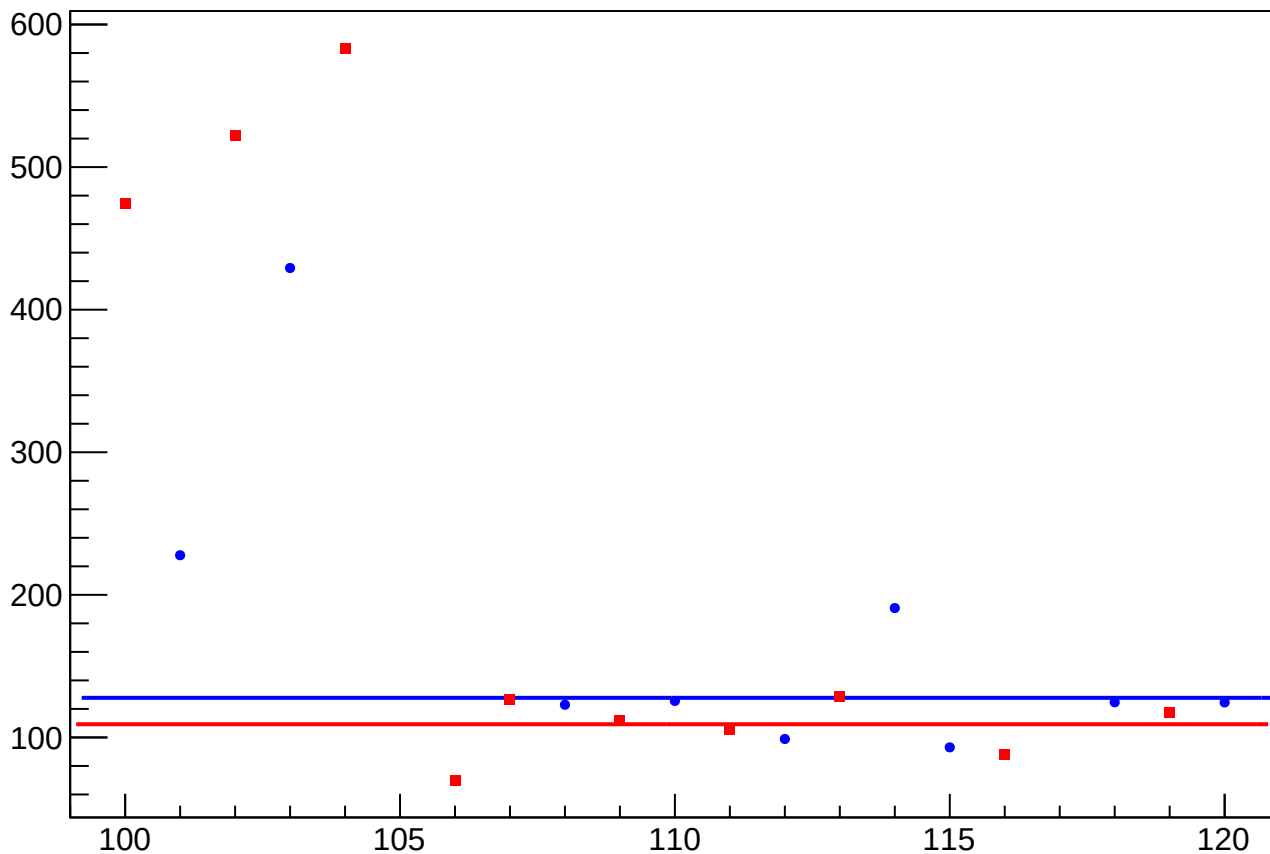
Right: -0.016+/-0.049 χ^2/NDF : 25.0/18

In: 0.037+/-0.074 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.049 χ^2/NDF : 25.0/18

asym_atr1l2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 127.774+/-0.053 χ^2/NDF : 900375.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.250+/-0.046 χ^2/NDF : 1297309.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

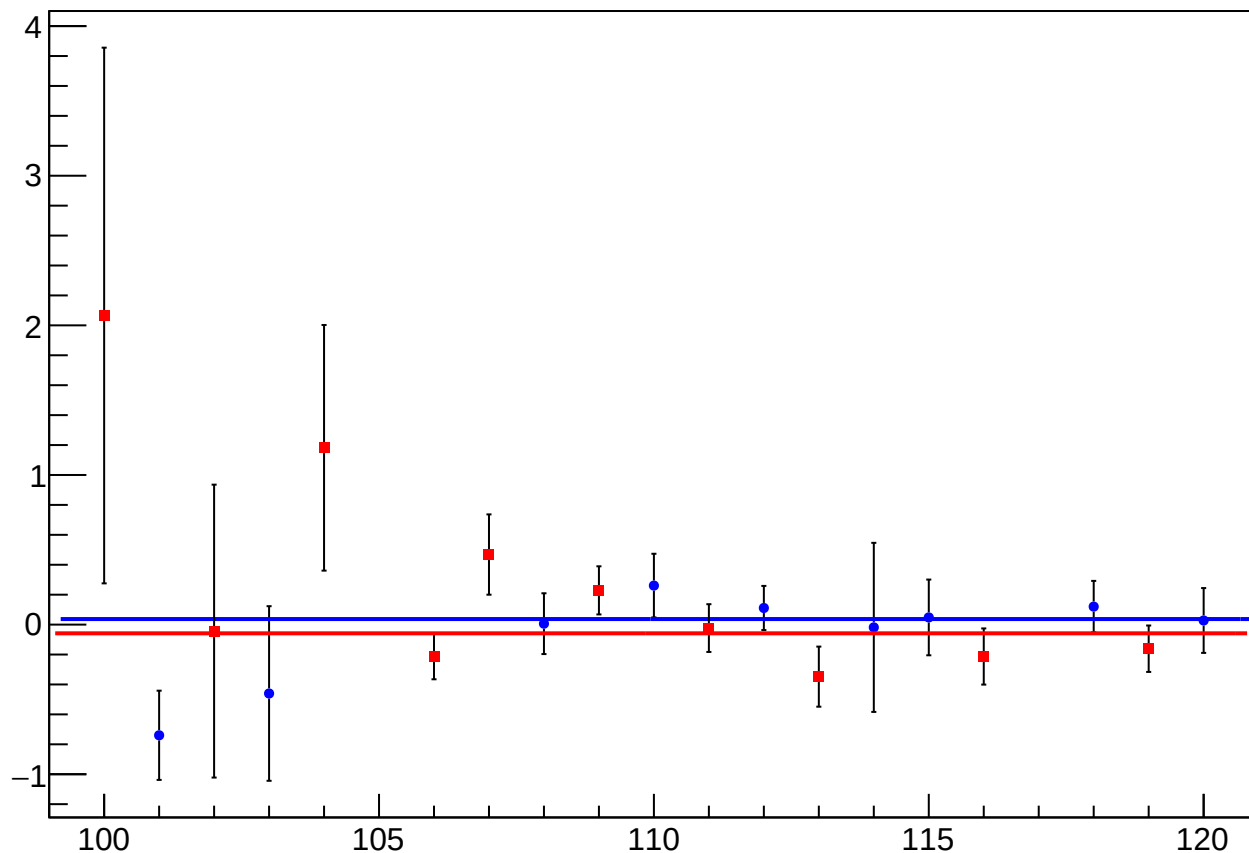
Right: 117.362+/-0.035 χ^2/NDF : 2267267.1/18

In: 127.774+/-0.053 χ^2/NDF : 900375.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.362+/-0.035 χ^2/NDF : 2267267.1/18

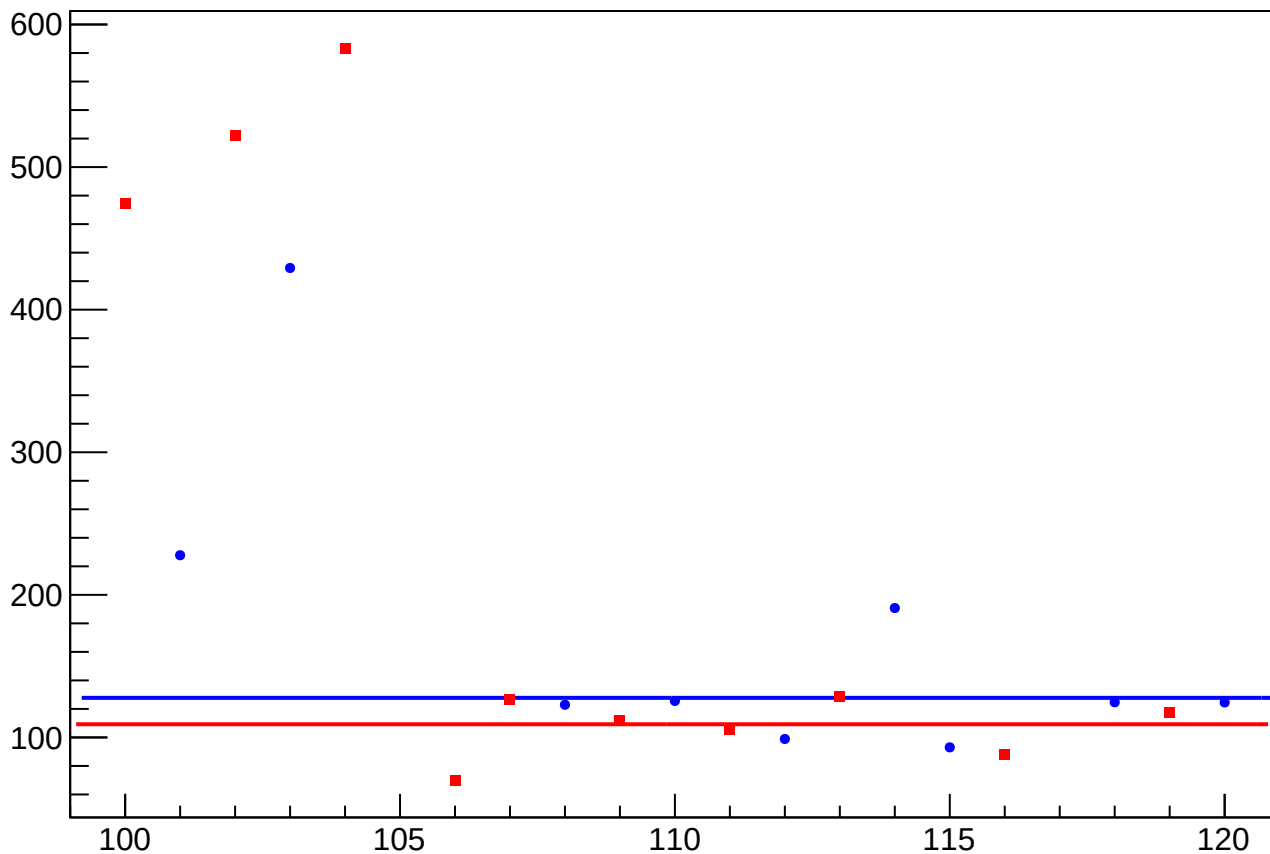
asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.037+/-0.074 χ^2/NDF : 9.1/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.058+/-0.066 χ^2/NDF : 15.0/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.016+/-0.049 χ^2/NDF : 25.0/18
 In: 0.037+/-0.074 χ^2/NDF : 9.1/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.016+/-0.049 χ^2/NDF : 25.0/18

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 127.774 ± 0.053 $\chi^2/\text{NDF}: 900375.6/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 109.250 ± 0.046 $\chi^2/\text{NDF}: 1297309.6/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

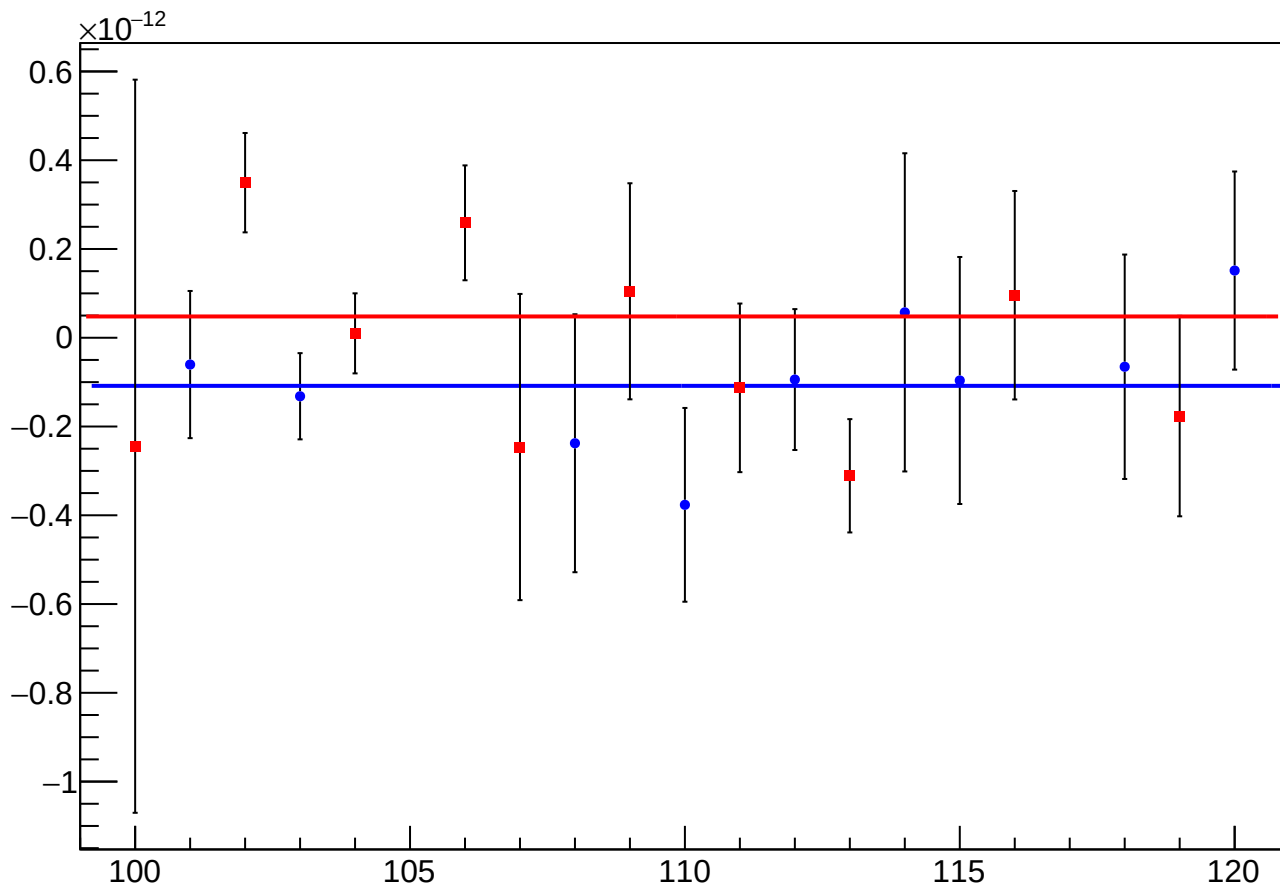
Right: 117.362 ± 0.035 $\chi^2/\text{NDF}: 2267267.1/18$

In: 127.774 ± 0.053 $\chi^2/\text{NDF}: 900375.6/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 117.362 ± 0.035 $\chi^2/\text{NDF}: 2267267.1/18$

asym_atr1l2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

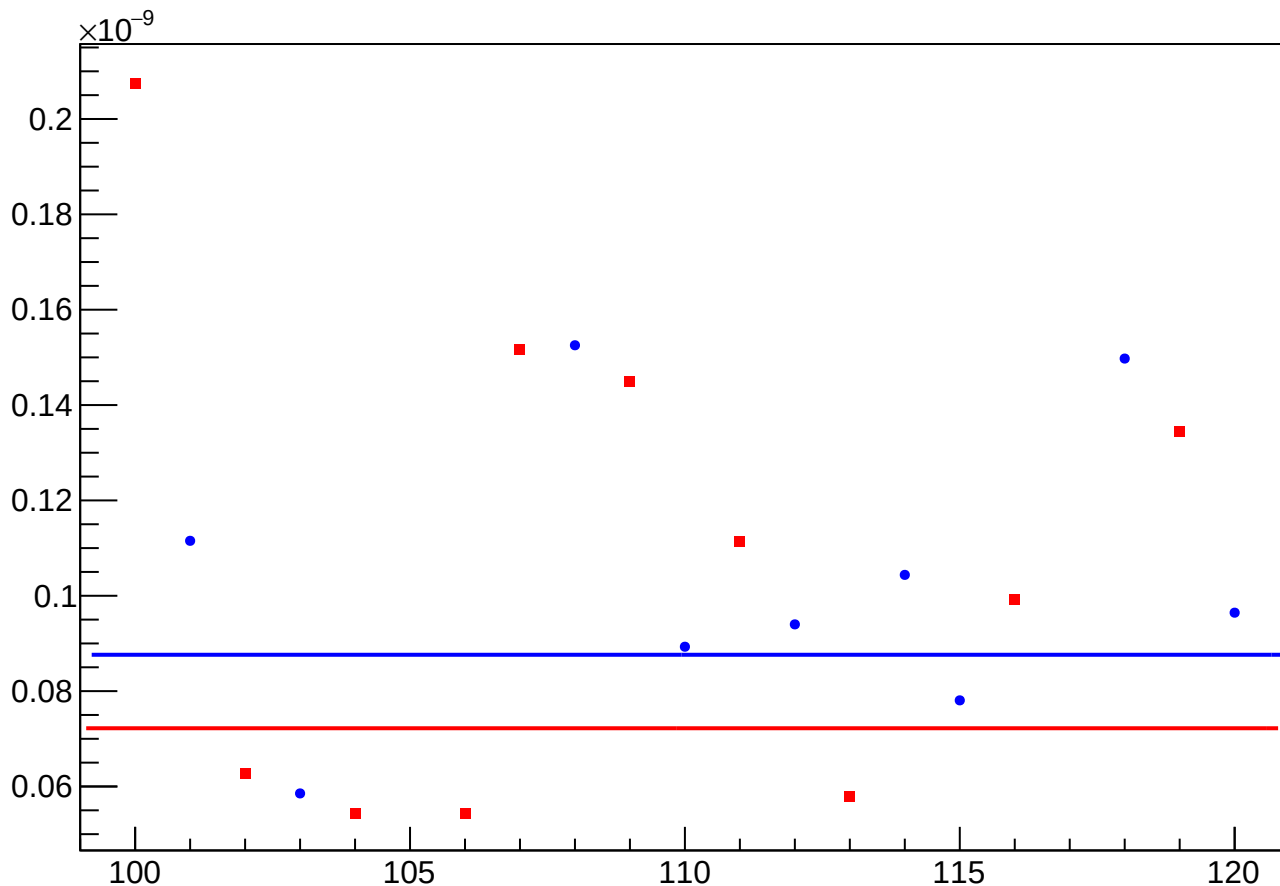
Right: -0.000 +/- 0.000 χ^2/NDF : 28.1/18

In: -0.000 +/- 0.000 χ^2/NDF : 3.5/8

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -0.000 +/- 0.000 χ^2/NDF : 28.1/18

asym_atr1l2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 454613.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 757719.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

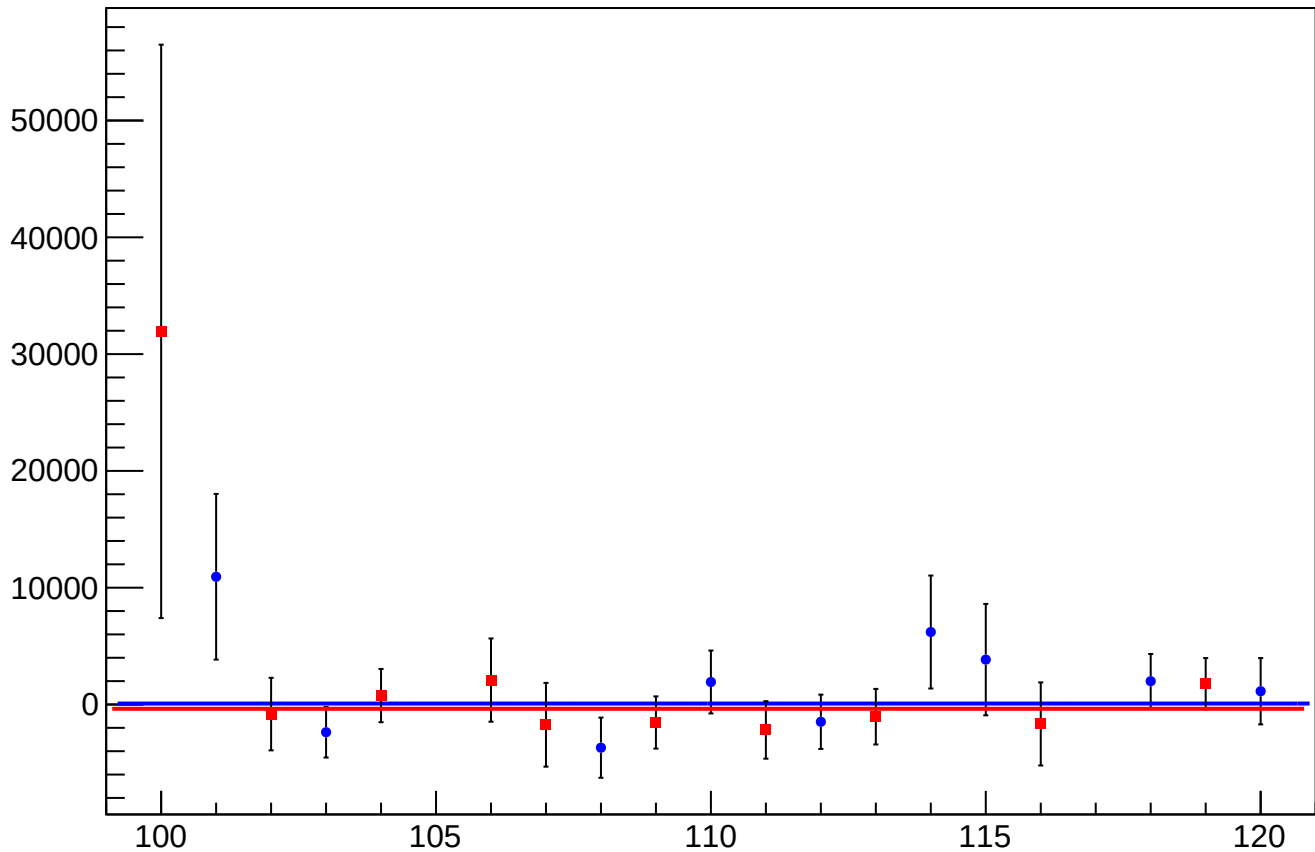
Right: 0.000+/-0.000 χ^2/NDF : 1290342.3/18

In: 0.000+/-0.000 χ^2/NDF : 454613.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1290342.3/18

reg_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 80.948+/-953.250 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -367.333+/-883.041 χ^2/NDF : 4.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

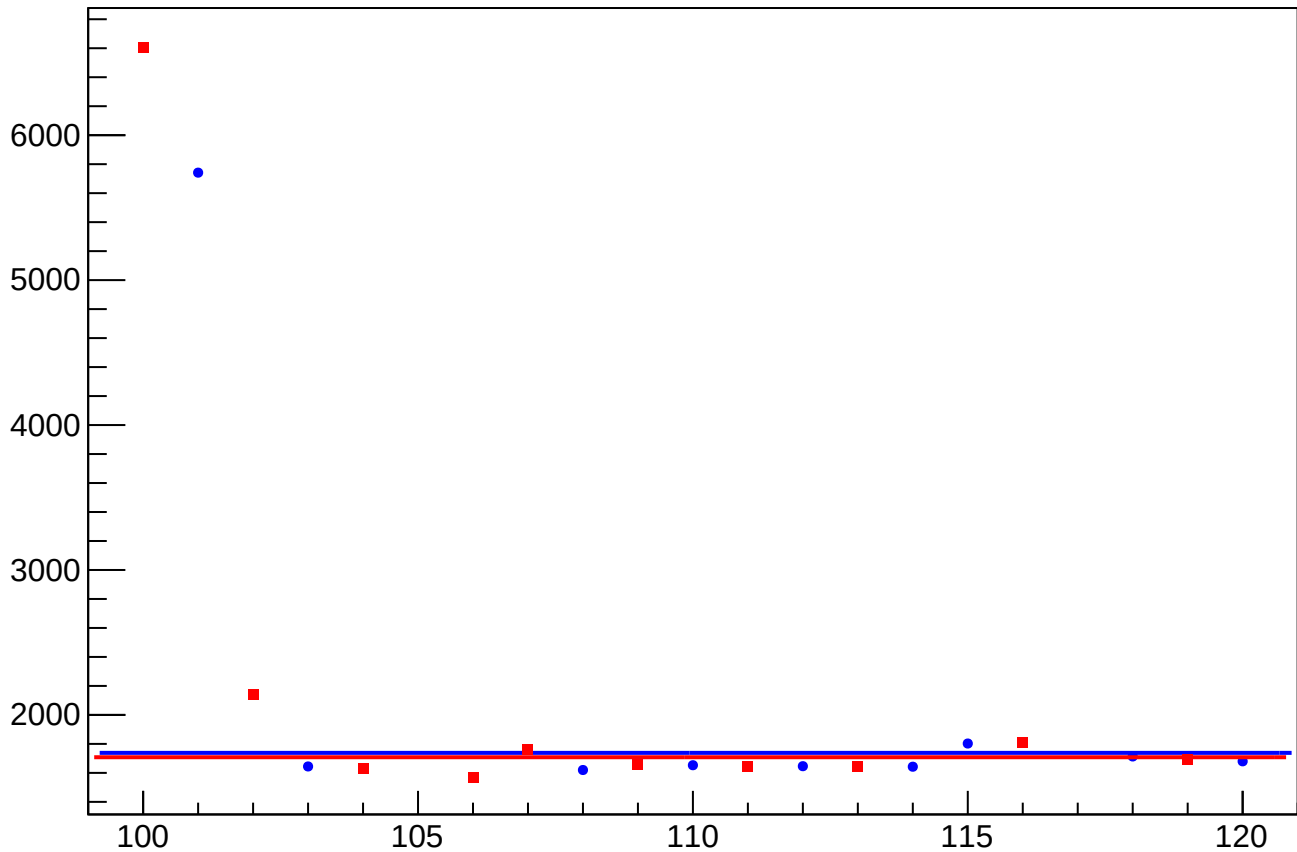
Right: -160.307+/-647.805 χ^2/NDF : 14.5/18

In: 80.948+/-953.250 χ^2/NDF : 9.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -160.307+/-647.805 χ^2/NDF : 14.5/18

reg_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1738.168+/-0.674 χ^2/NDF : 652470.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1707.954+/-0.616 χ^2/NDF : 131595.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

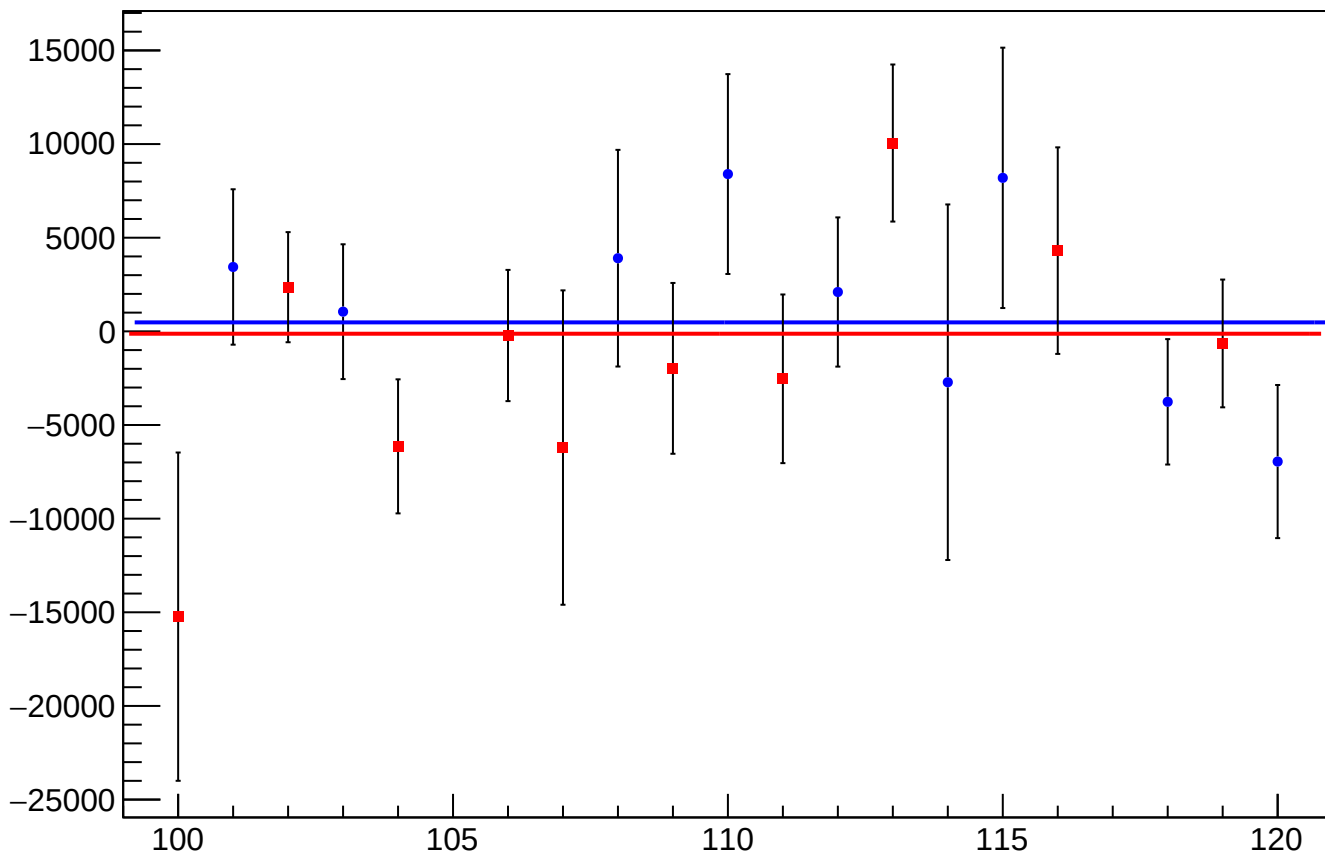
Right: 1721.708+/-0.455 χ^2/NDF : 785161.0/18

In: 1738.168+/-0.674 χ^2/NDF : 652470.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1721.708+/-0.455 χ^2/NDF : 785161.0/18

asym_atr1l2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 479.176+/-1500.482 χ^2/NDF : 9.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -126.808+/-1318.080 χ^2/NDF : 14.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

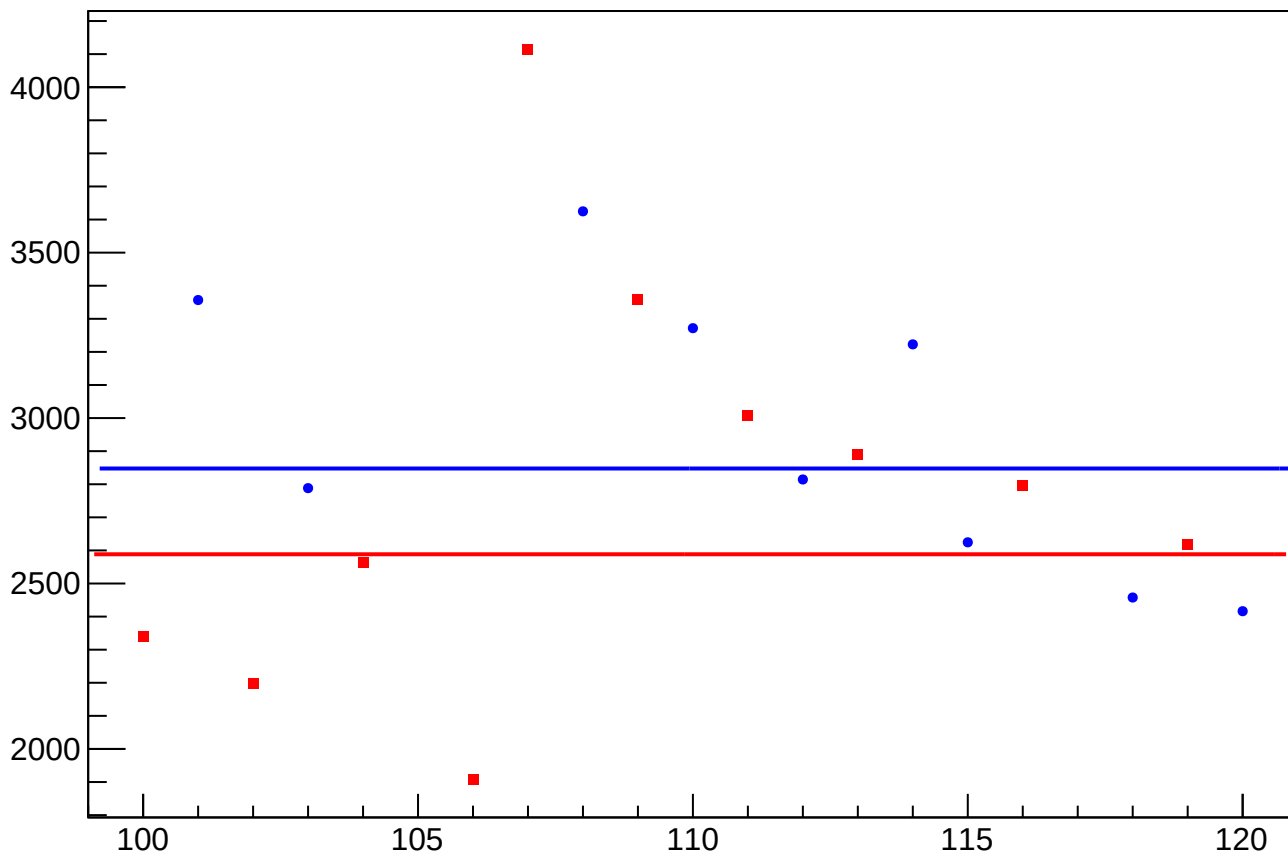
Right: 137.132+/-990.267 χ^2/NDF : 23.7/18

In: 479.176+/-1500.482 χ^2/NDF : 9.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.132+/-990.267 χ^2/NDF : 23.7/18

asym_atr1l2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2847.583+/-1.061 χ^2/NDF : 134115.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2588.364+/-0.932 χ^2/NDF : 266746.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

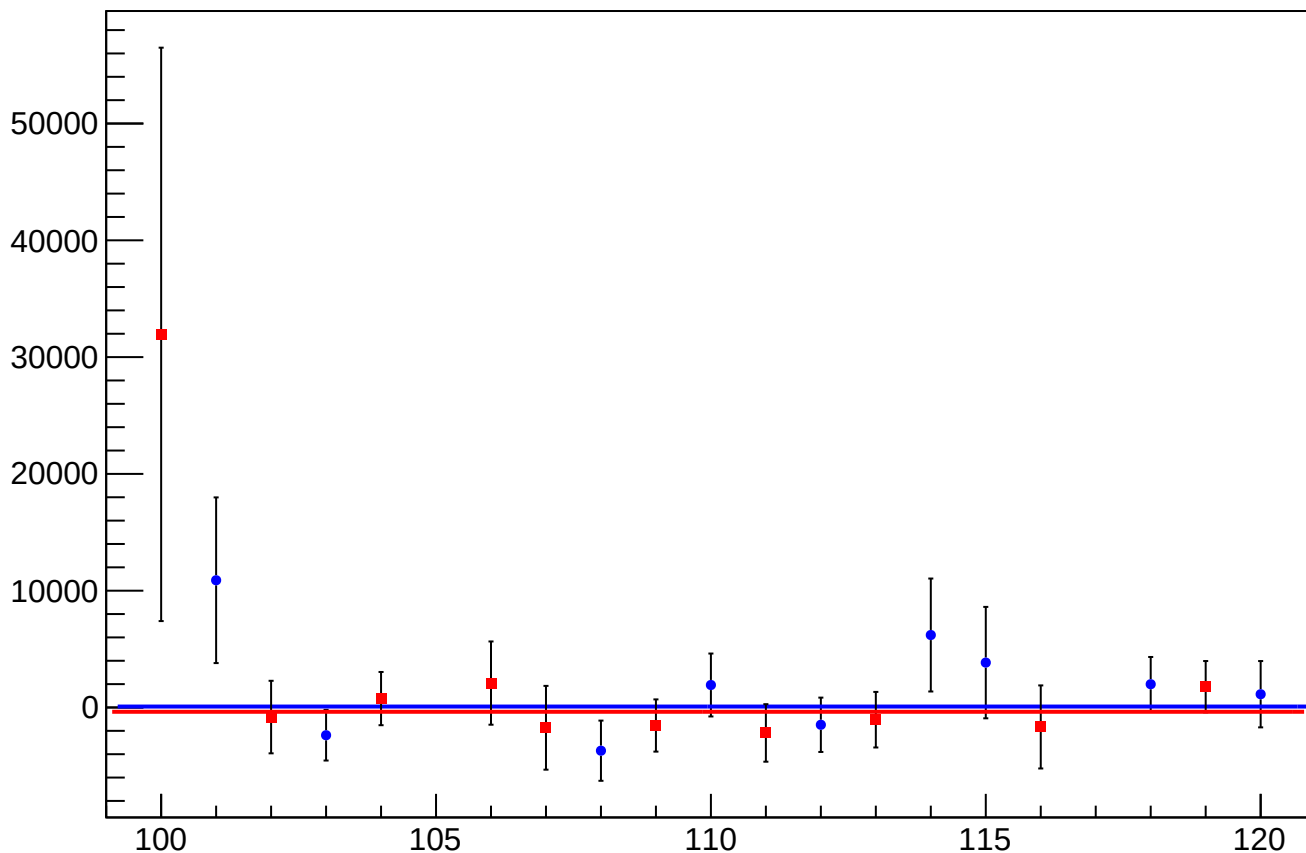
Right: 2701.268+/-0.700 χ^2/NDF : 434553.7/18

In: 2847.583+/-1.061 χ^2/NDF : 134115.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2701.268+/-0.700 χ^2/NDF : 434553.7/18

cor_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 80.203+/-953.251 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -367.238+/-883.041 χ^2/NDF : 4.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

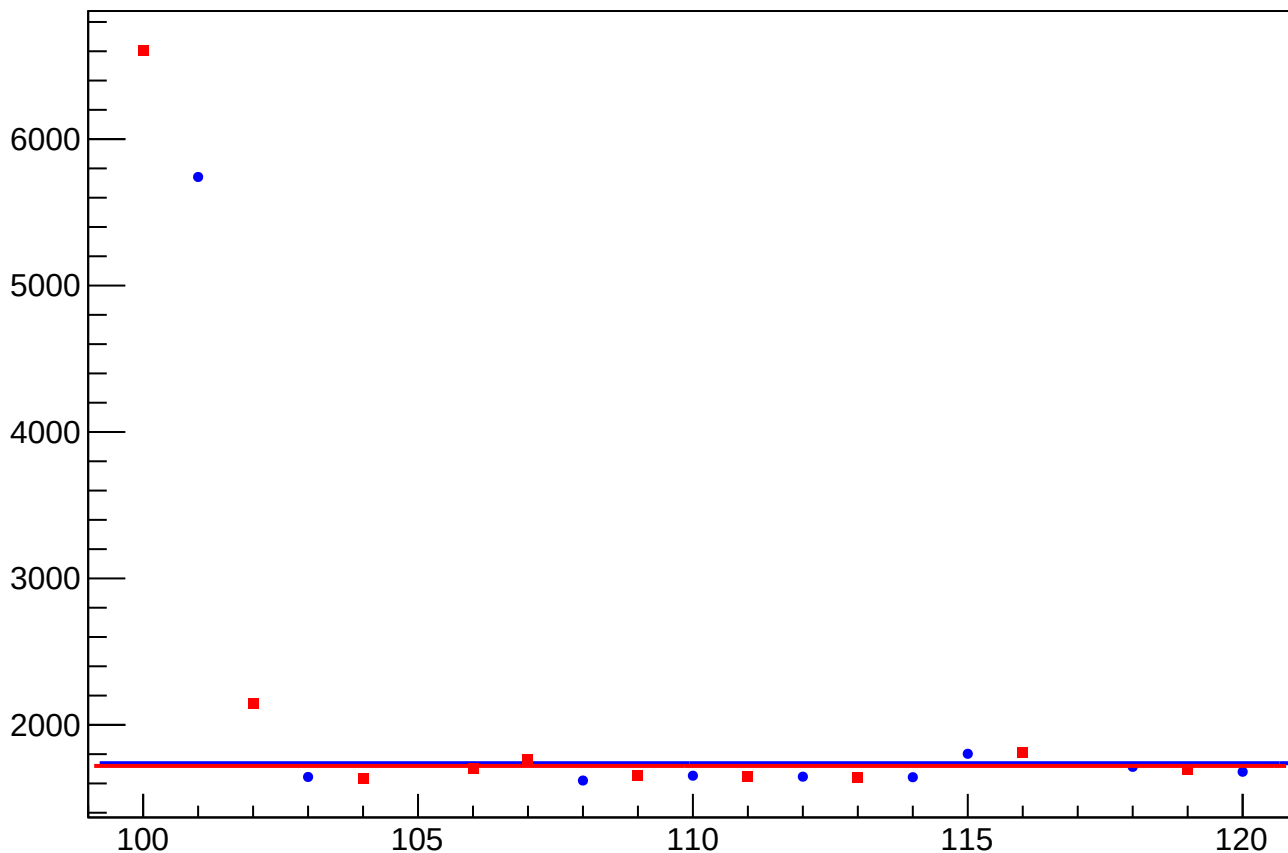
Right: -160.600+/-647.805 χ^2/NDF : 14.4/18

In: 80.203+/-953.251 χ^2/NDF :9.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -160.600+/-647.805 χ^2/NDF : 14.4/18

cor_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1738.167+/-0.674 χ^2/NDF : 652470.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1719.639+/-0.620 χ^2/NDF : 126824.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

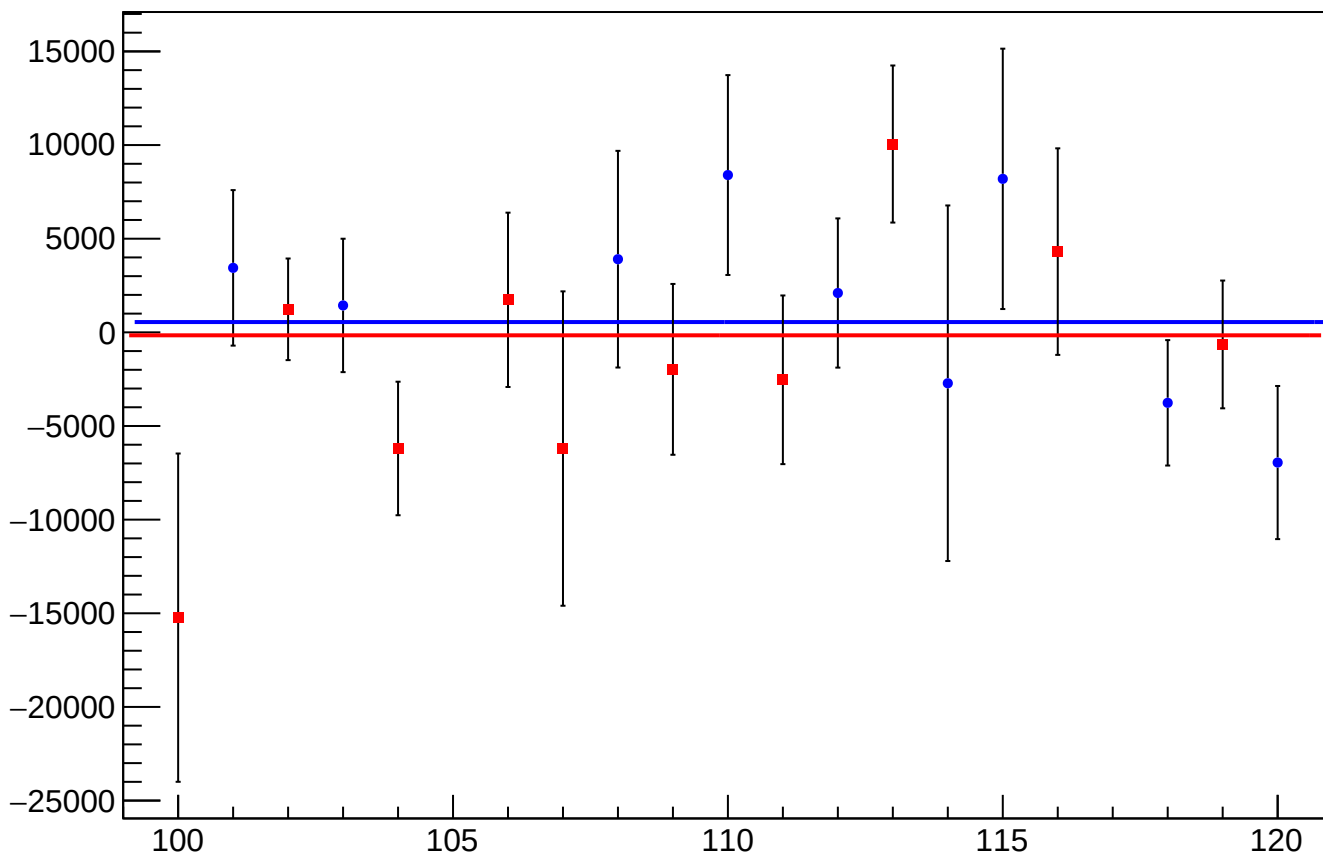
Right: 1728.133+/-0.456 χ^2/NDF : 779704.0/18

In: 1738.167+/-0.674 χ^2/NDF : 652470.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1728.133+/-0.456 χ^2/NDF : 779704.0/18

asym_atr1l2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 549.766+/-1497.859 χ^2/NDF : 9.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -158.415+/-1335.053 χ^2/NDF : 13.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

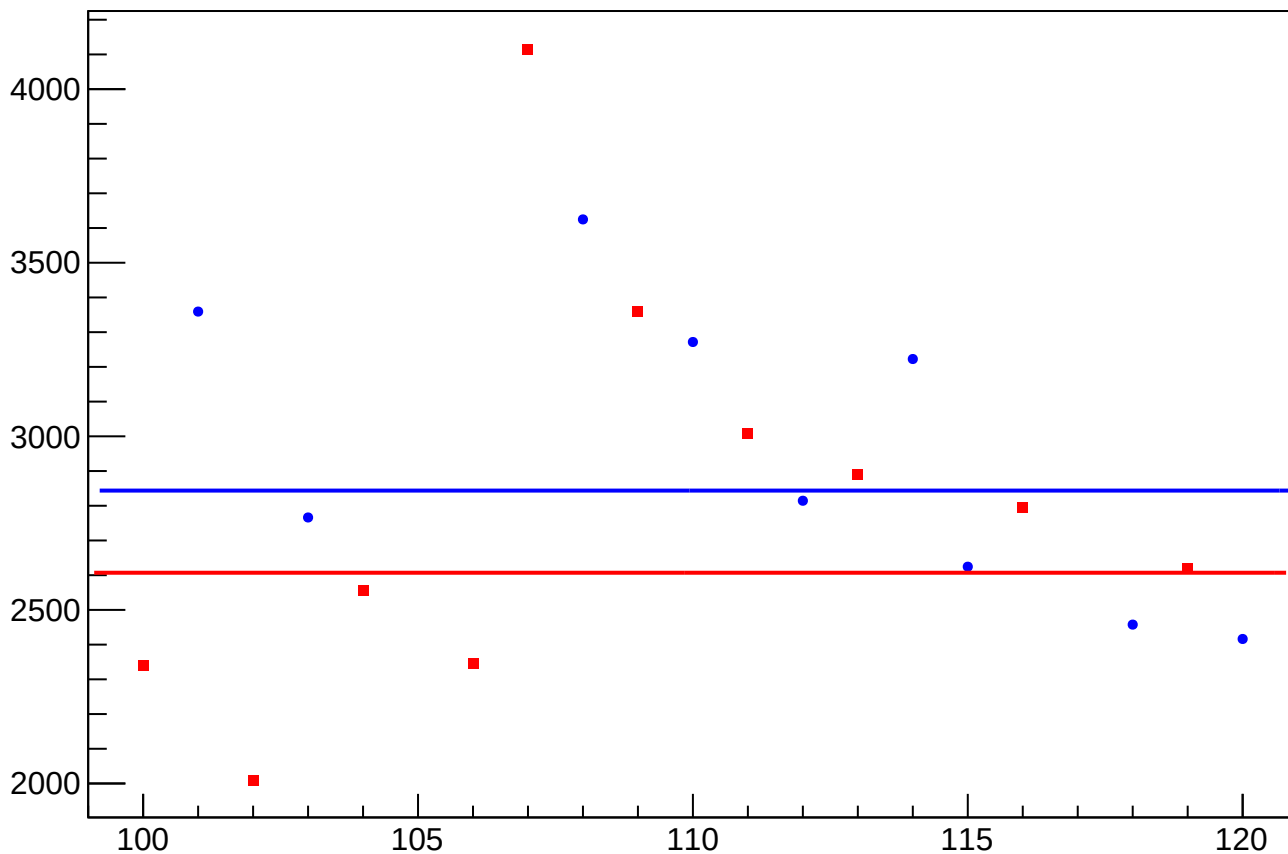
Right: 155.111+/-996.633 χ^2/NDF : 23.5/18

In: 549.766+/-1497.859 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.111+/-996.633 χ^2/NDF : 23.5/18

asym_atr1l2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2843.703+/-1.059 χ^2/NDF : 134869.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2607.058+/-0.944 χ^2/NDF : 251600.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

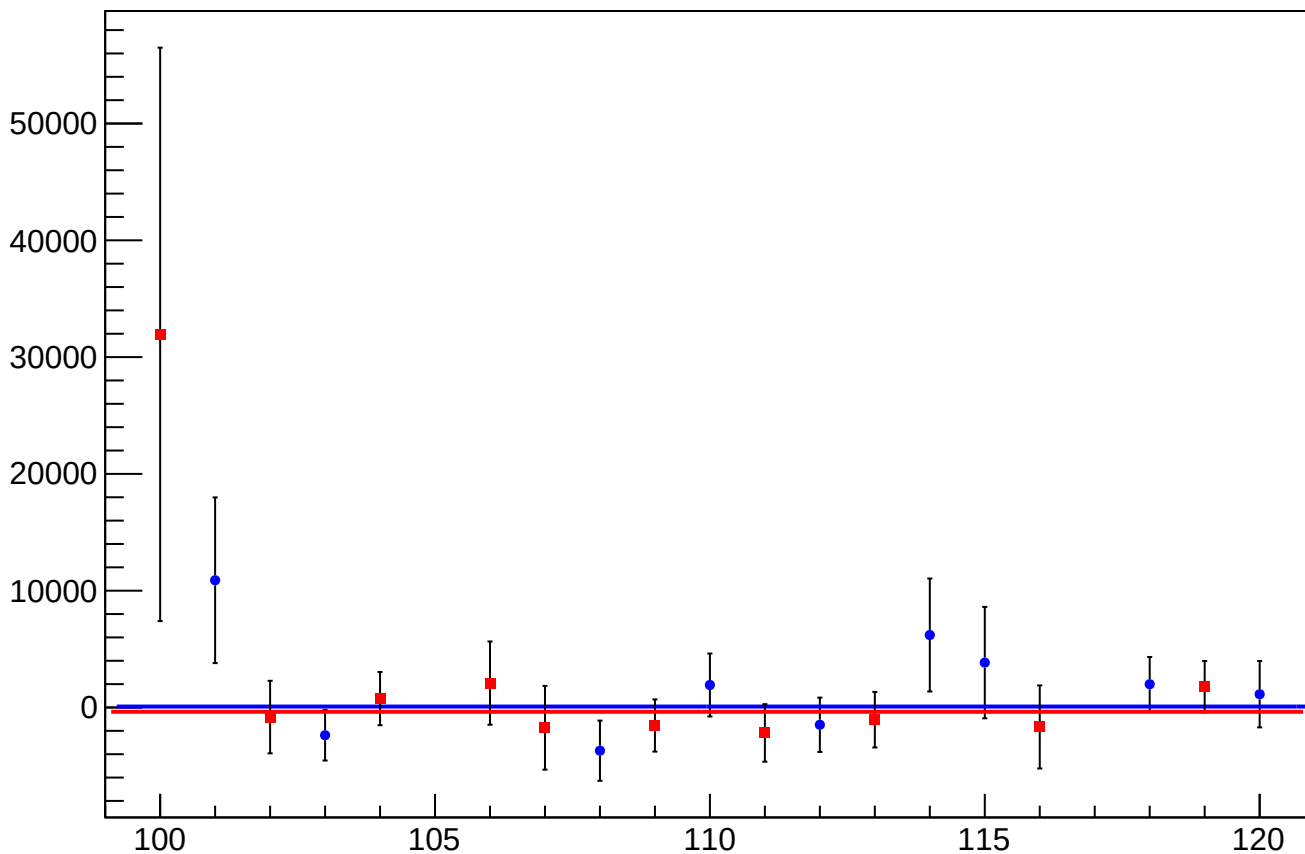
Right: 2711.825+/-0.705 χ^2/NDF : 414289.5/18

In: 2843.703+/-1.059 χ^2/NDF : 134869.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2711.825+/-0.705 χ^2/NDF : 414289.5/18

eigen_cor_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 80.203+/-953.251 χ^2 /NDF: 9.7/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -367.238+/-883.041 χ^2 /NDF: 4.6/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

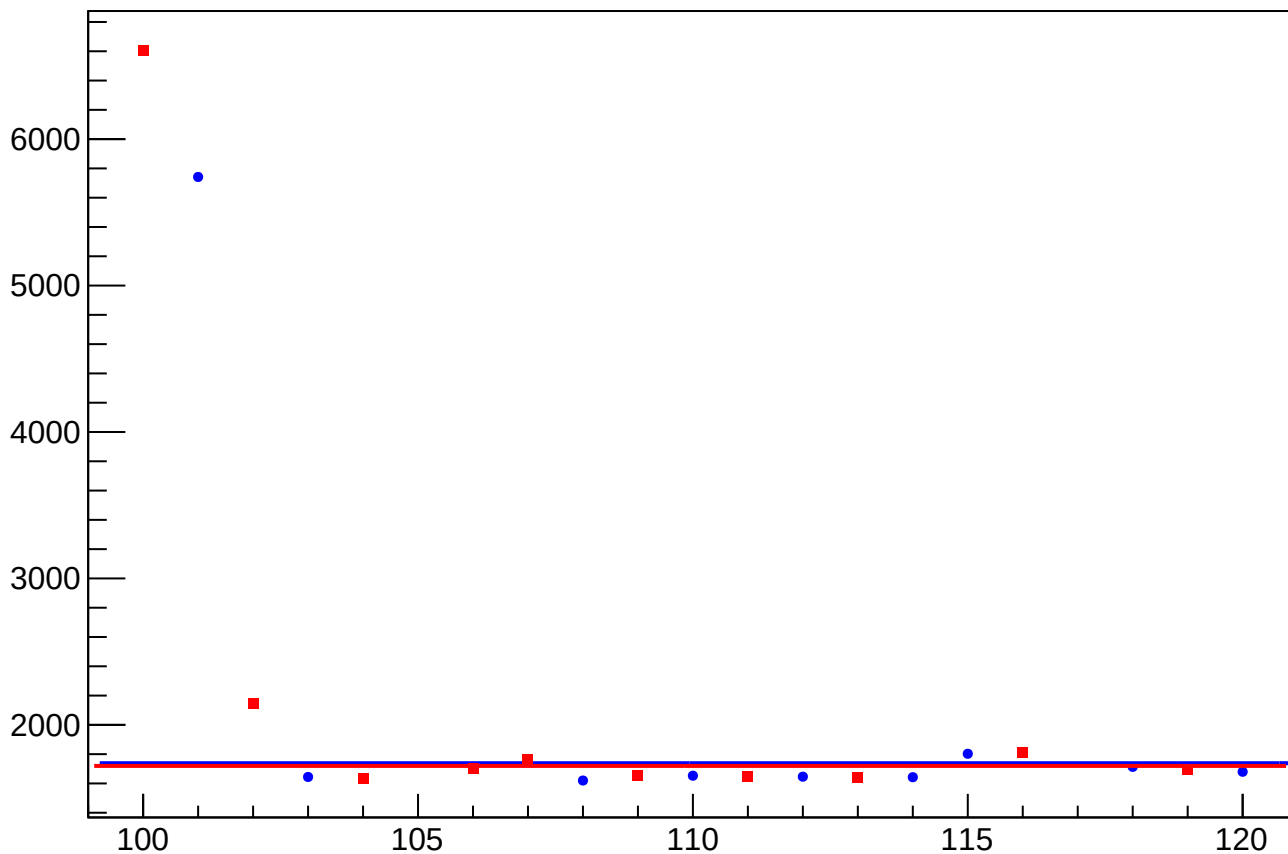
Right: -160.600+/-647.805 χ^2 /NDF: 14.4/18

In: 80.203+/-953.251 χ^2 /NDF:9.7/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -160.600+/-647.805 χ^2 /NDF: 14.4/18

eigen_cor_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1738.167+/-0.674 χ^2/NDF : 652470.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1719.639+/-0.620 χ^2/NDF : 126824.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

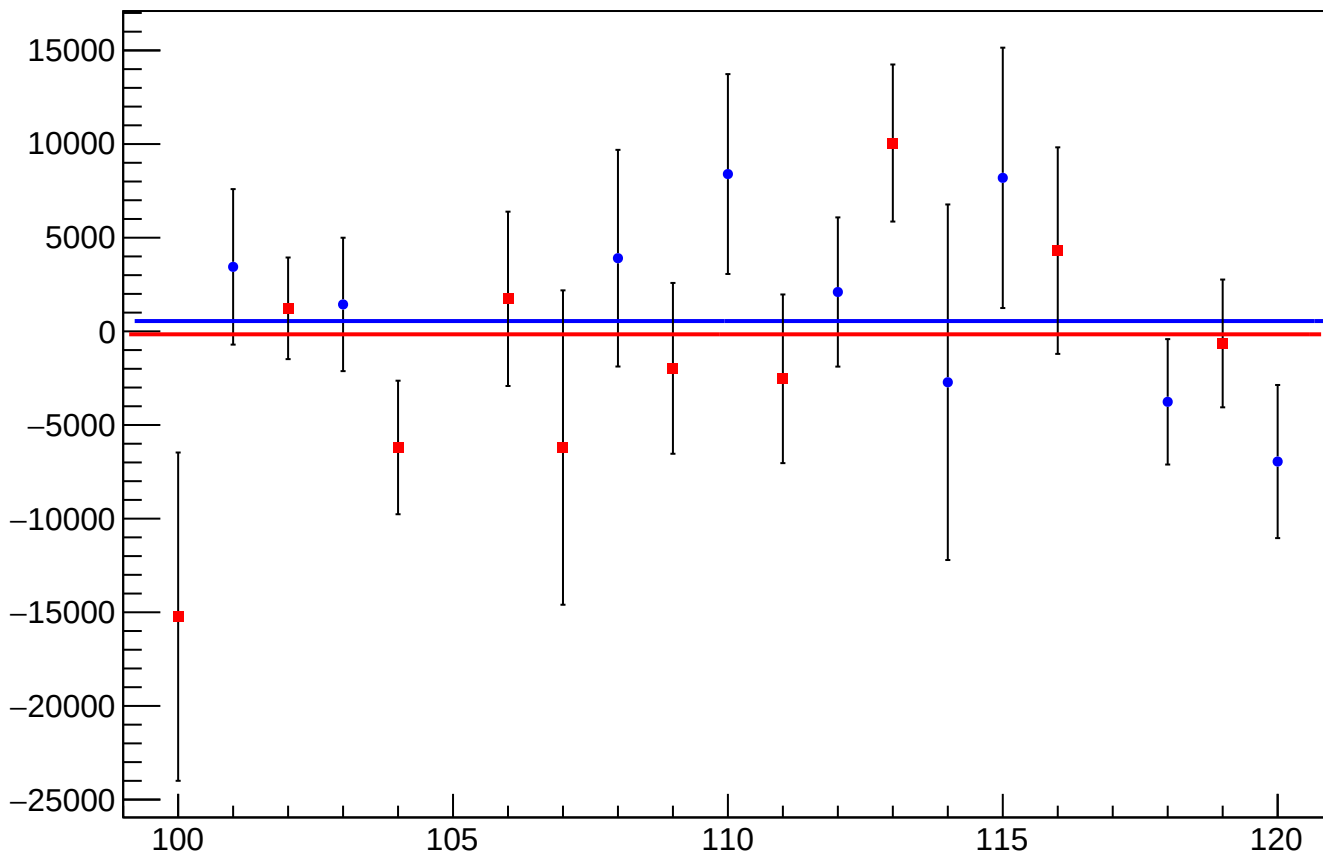
Right: 1728.133+/-0.456 χ^2/NDF : 779704.0/18

In: 1738.167+/-0.674 χ^2/NDF : 652470.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1728.133+/-0.456 χ^2/NDF : 779704.0/18

asym_atr1l2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 549.766+/-1497.859 χ^2/NDF : 9.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -158.415+/-1335.053 χ^2/NDF : 13.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

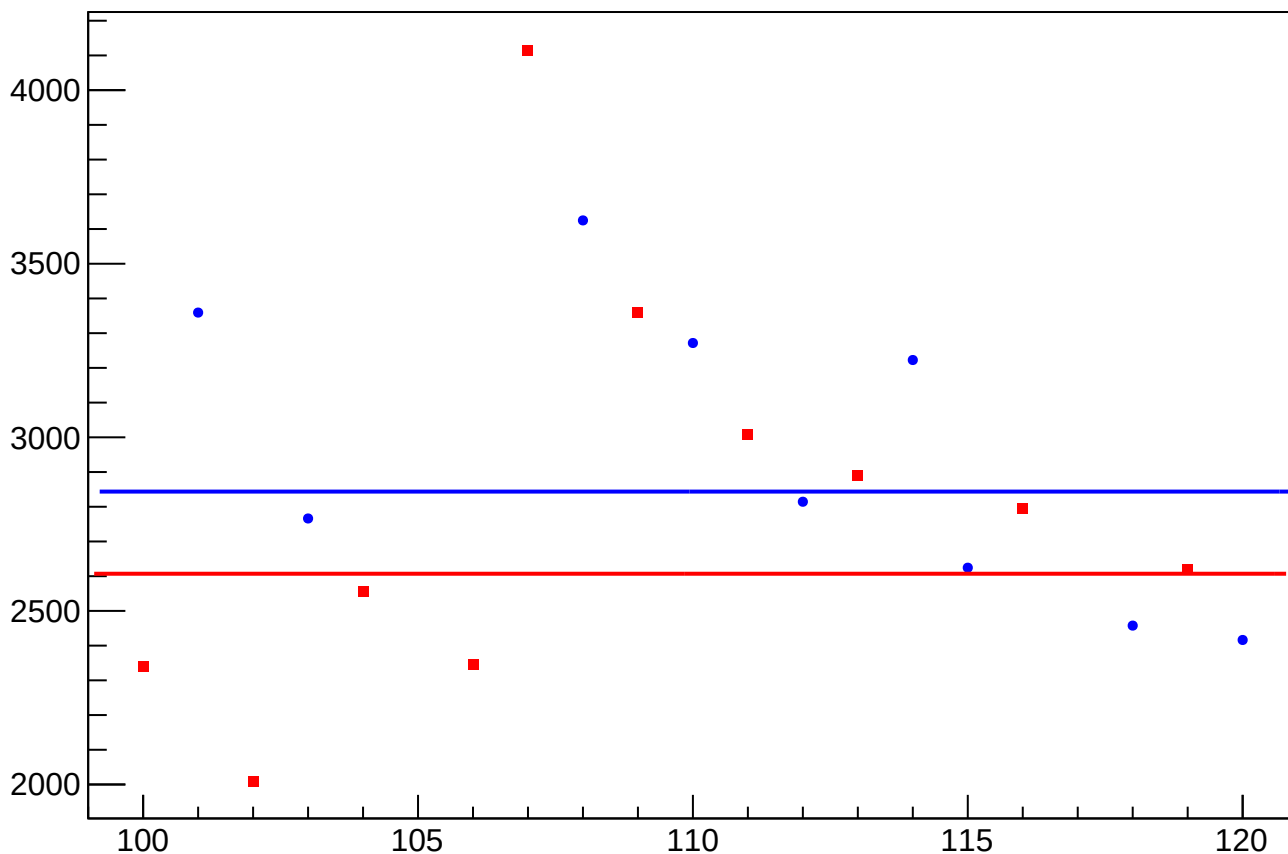
Right: 155.111+/-996.633 χ^2/NDF : 23.5/18

In: 549.766+/-1497.859 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.111+/-996.633 χ^2/NDF : 23.5/18

asym_atr1l2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2843.703+/-1.059 χ^2/NDF : 134869.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2607.058+/-0.944 χ^2/NDF : 251600.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

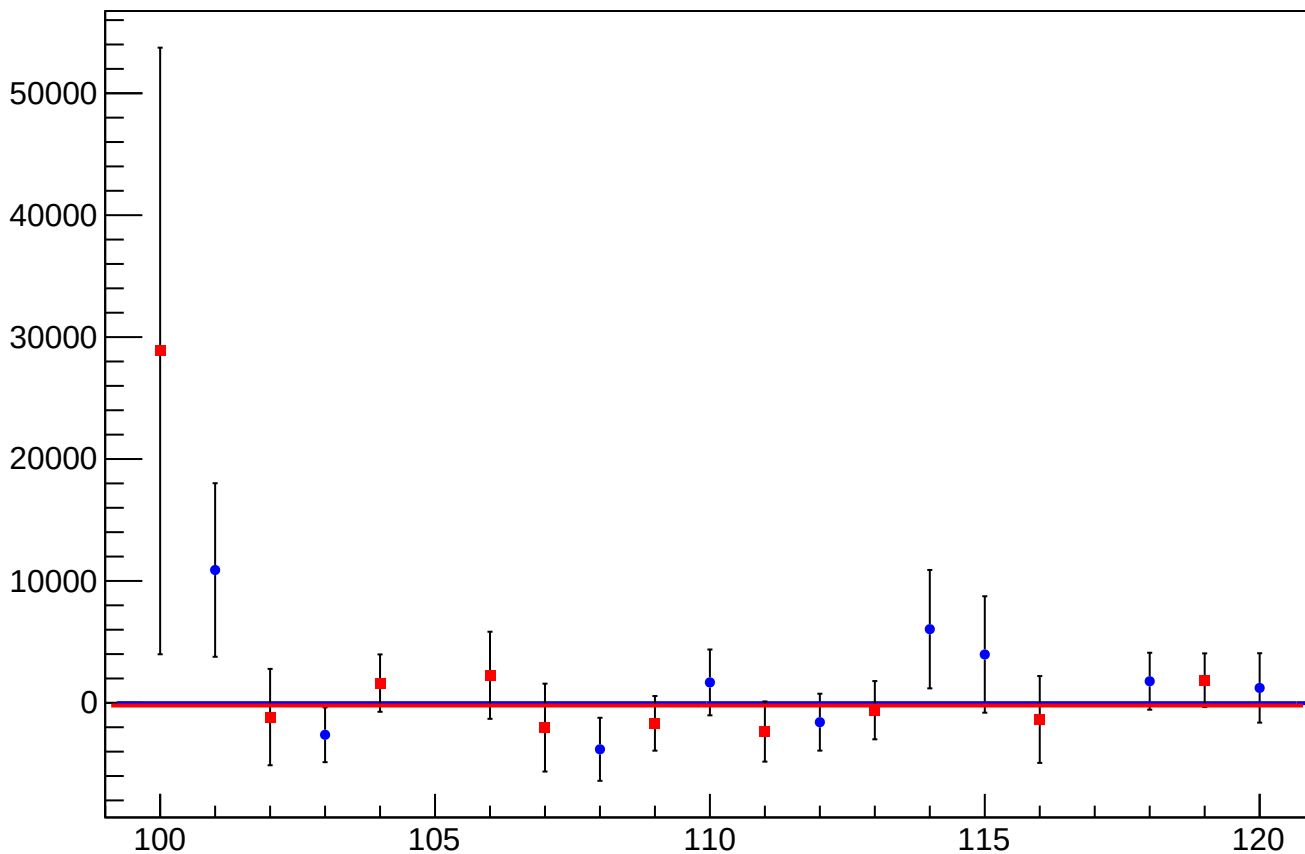
Right: 2711.825+/-0.705 χ^2/NDF : 414289.5/18

In: 2843.703+/-1.059 χ^2/NDF : 134869.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2711.825+/-0.705 χ^2/NDF : 414289.5/18

dit_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -25.056+/-961.665 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -215.228+/-903.274 χ^2/NDF : 5.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

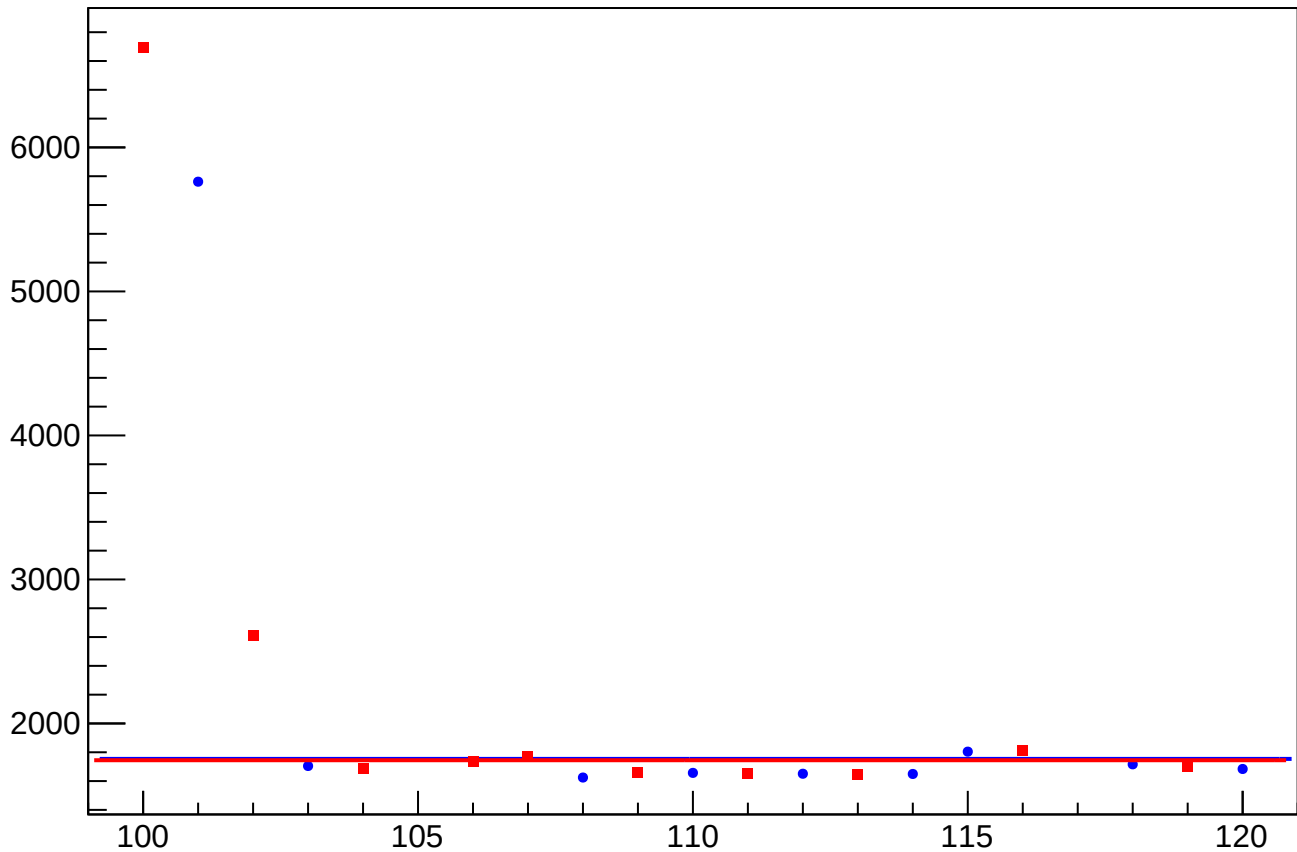
Right: -126.090+/-658.386 χ^2/NDF : 14.7/18

In: -25.056+/-961.665 χ^2/NDF : 9.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -126.090+/-658.386 χ^2/NDF : 14.7/18

dit_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1753.976+/-0.680 χ^2/NDF : 649383.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1744.760+/-0.635 χ^2/NDF : 188028.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

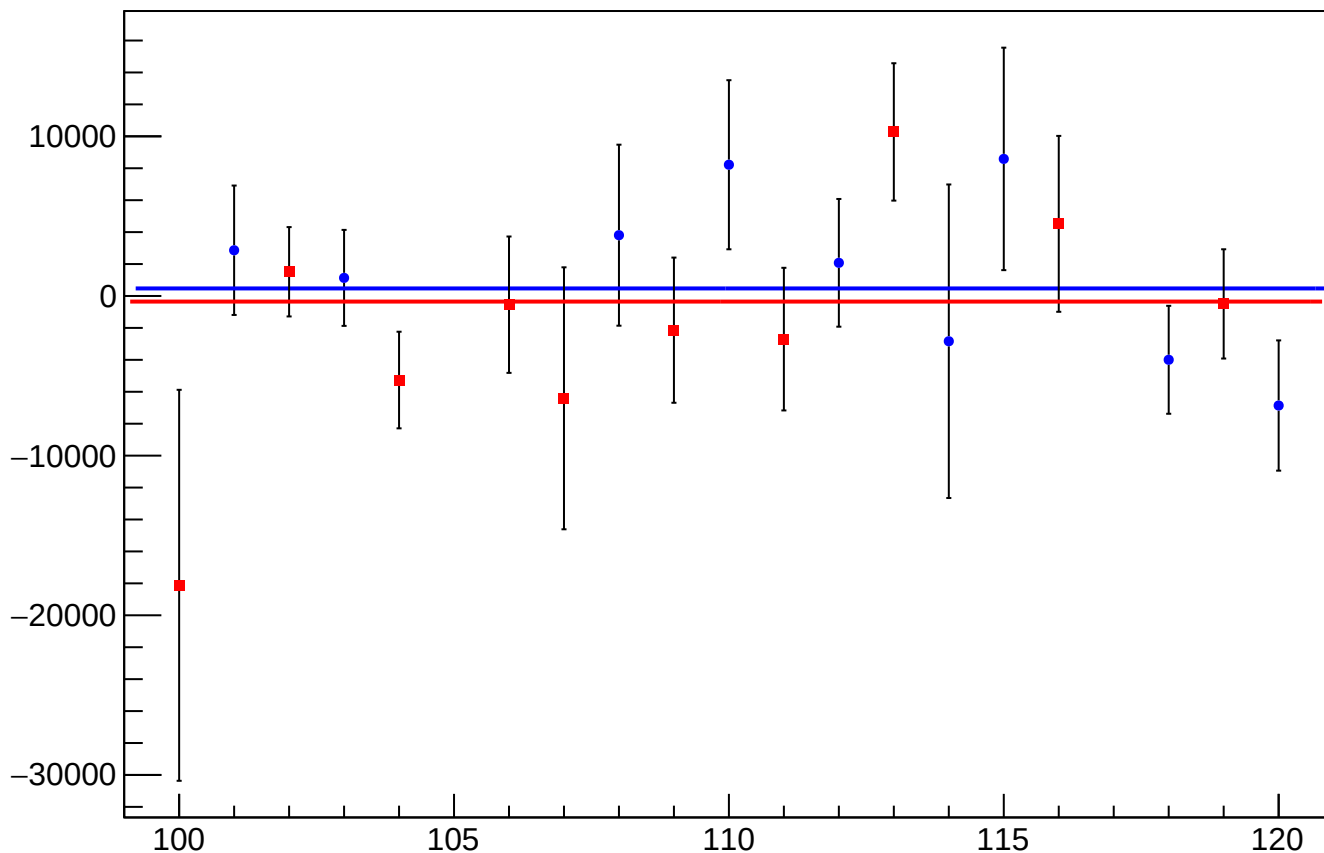
Right: 1749.055+/-0.464 χ^2/NDF : 837510.6/18

In: 1753.976+/-0.680 χ^2/NDF : 649383.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1749.055+/-0.464 χ^2/NDF : 837510.6/18

asym_atr1l2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 472.477+/-1444.306 χ^2/NDF : 9.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -350.458+/-1308.373 χ^2/NDF : 13.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

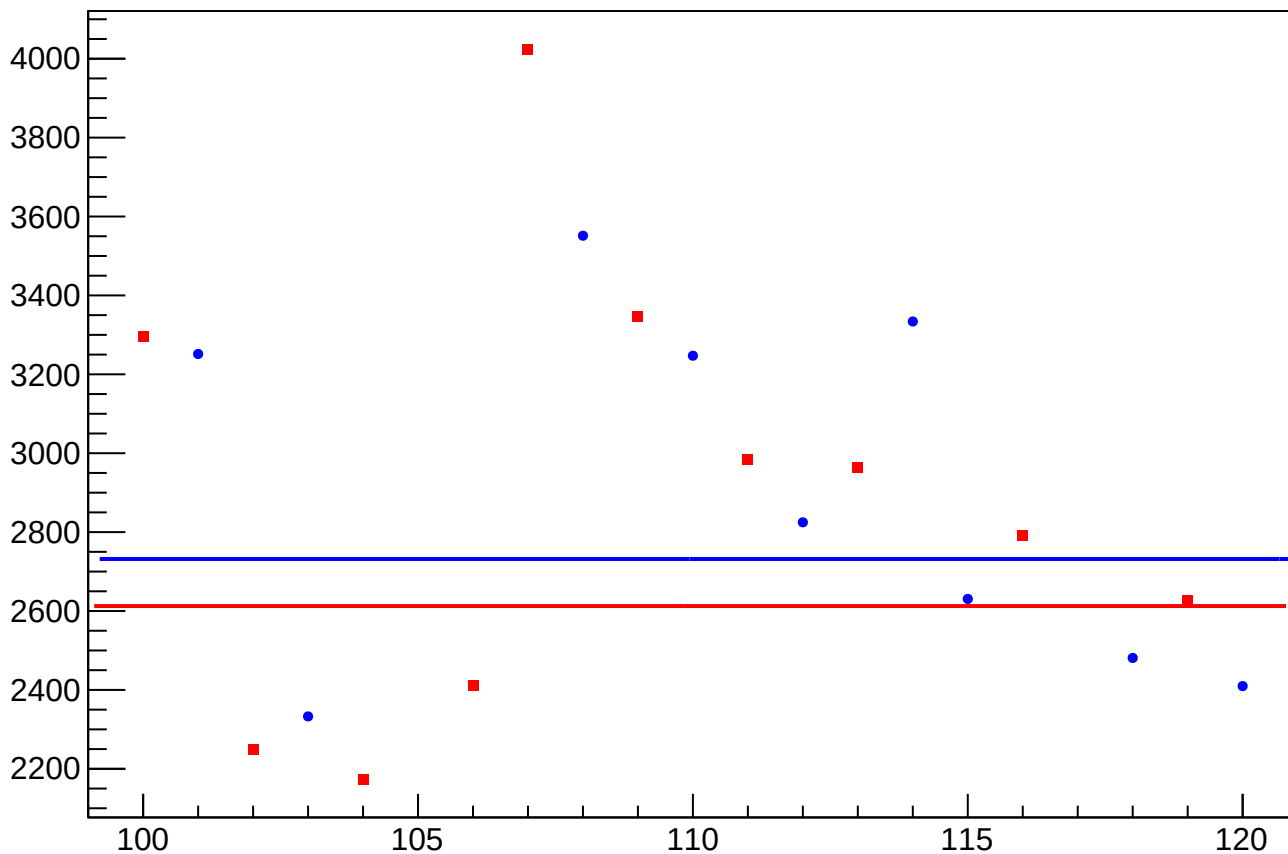
Right: 20.470+/-969.664 χ^2/NDF : 22.7/18

In: 472.477+/-1444.306 χ^2/NDF : 9.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.470+/-969.664 χ^2/NDF : 22.7/18

asym_atr1l2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2731.920+/-1.021 χ^2/NDF : 161352.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2612.565+/-0.925 χ^2/NDF : 227562.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

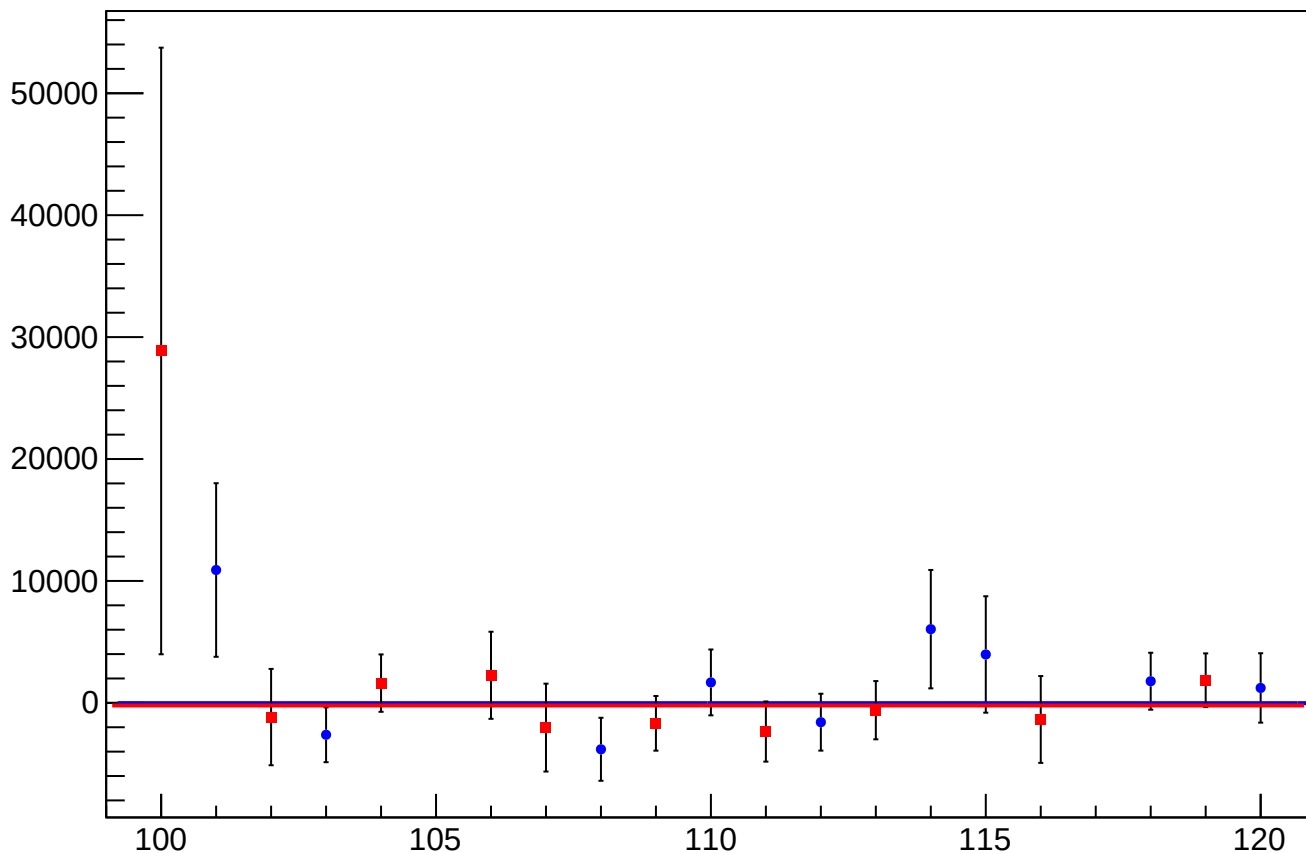
Right: 2666.363+/-0.686 χ^2/NDF : 396416.3/18

In: 2731.920+/-1.021 χ^2/NDF : 161352.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2666.363+/-0.686 χ^2/NDF : 396416.3/18

eigen_dit_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -25.057+/-961.665 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -215.237+/-903.274 χ^2/NDF : 5.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

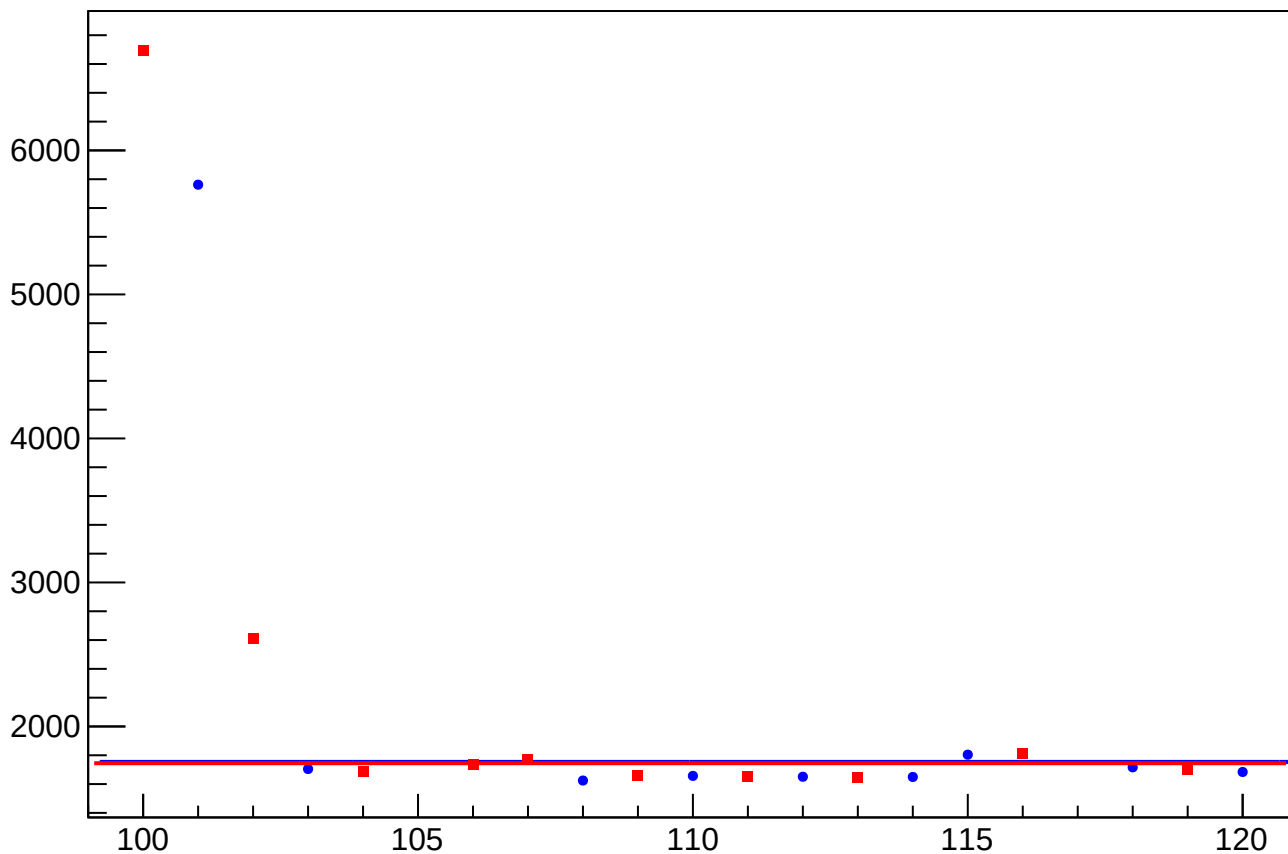
Right: -126.096+/-658.386 χ^2/NDF : 14.7/18

In: -25.057+/-961.665 χ^2/NDF : 9.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -126.096+/-658.386 χ^2/NDF : 14.7/18

eigen_dit_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1753.976+/-0.680 χ^2/NDF : 649383.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1744.760+/-0.635 χ^2/NDF : 188028.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

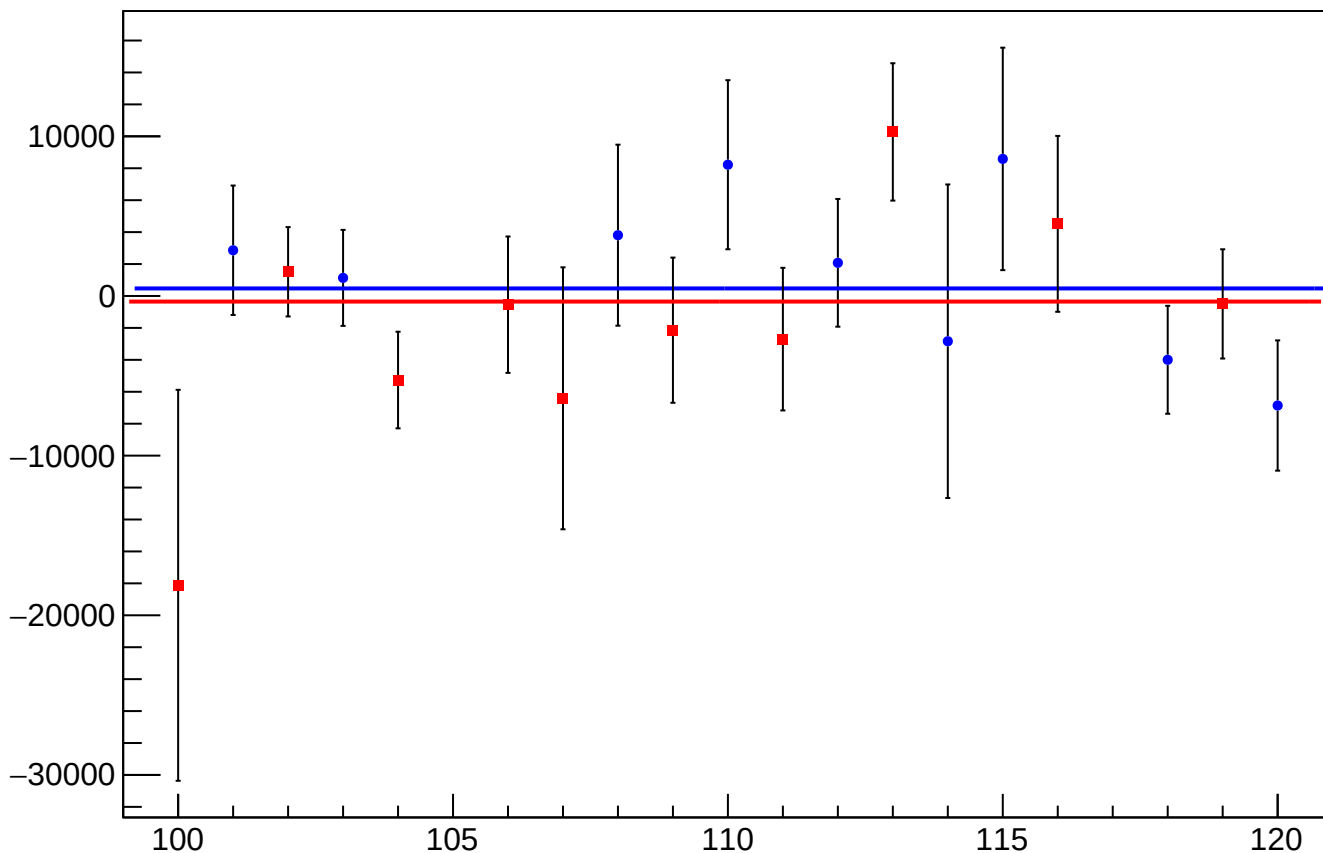
Right: 1749.055+/-0.464 χ^2/NDF : 837510.5/18

In: 1753.976+/-0.680 χ^2/NDF : 649383.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1749.055+/-0.464 χ^2/NDF : 837510.5/18

asym_atr1l2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 472.468+/-1444.301 χ^2/NDF : 9.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -350.458+/-1308.370 χ^2/NDF : 13.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

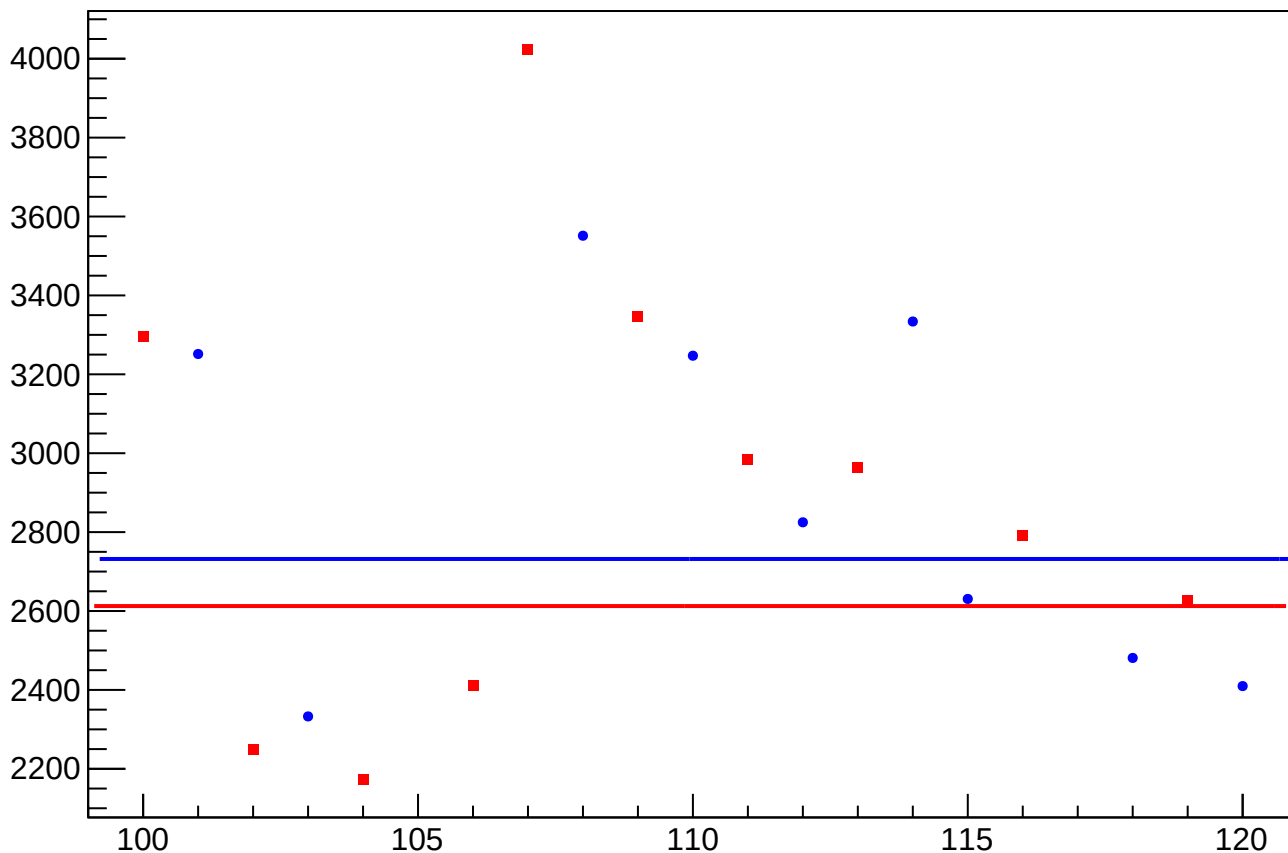
Right: 20.467+/-969.662 χ^2/NDF : 22.7/18

In: 472.468+/-1444.301 χ^2/NDF : 9.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.467+/-969.662 χ^2/NDF : 22.7/18

asym_atr1l2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2731.912+/-1.021 χ^2/NDF : 161352.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2612.561+/-0.925 χ^2/NDF : 227558.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

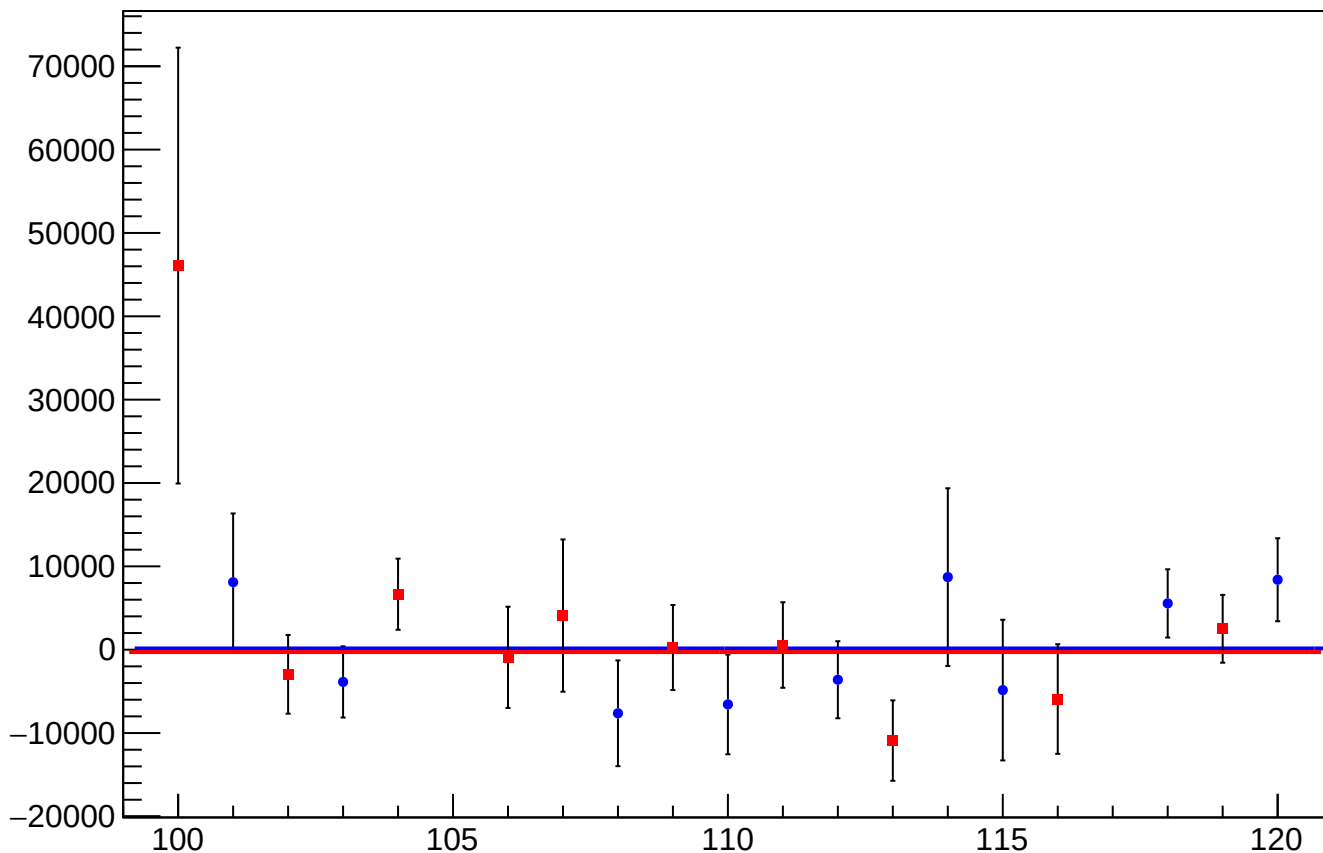
Right: 2666.357+/-0.686 χ^2/NDF : 396412.1/18

In: 2731.912+/-1.021 χ^2/NDF : 161352.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2666.357+/-0.686 χ^2/NDF : 396412.1/18

asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 148.169+/-1850.503 χ^2/NDF : 10.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -283.058+/-1706.958 χ^2/NDF : 12.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

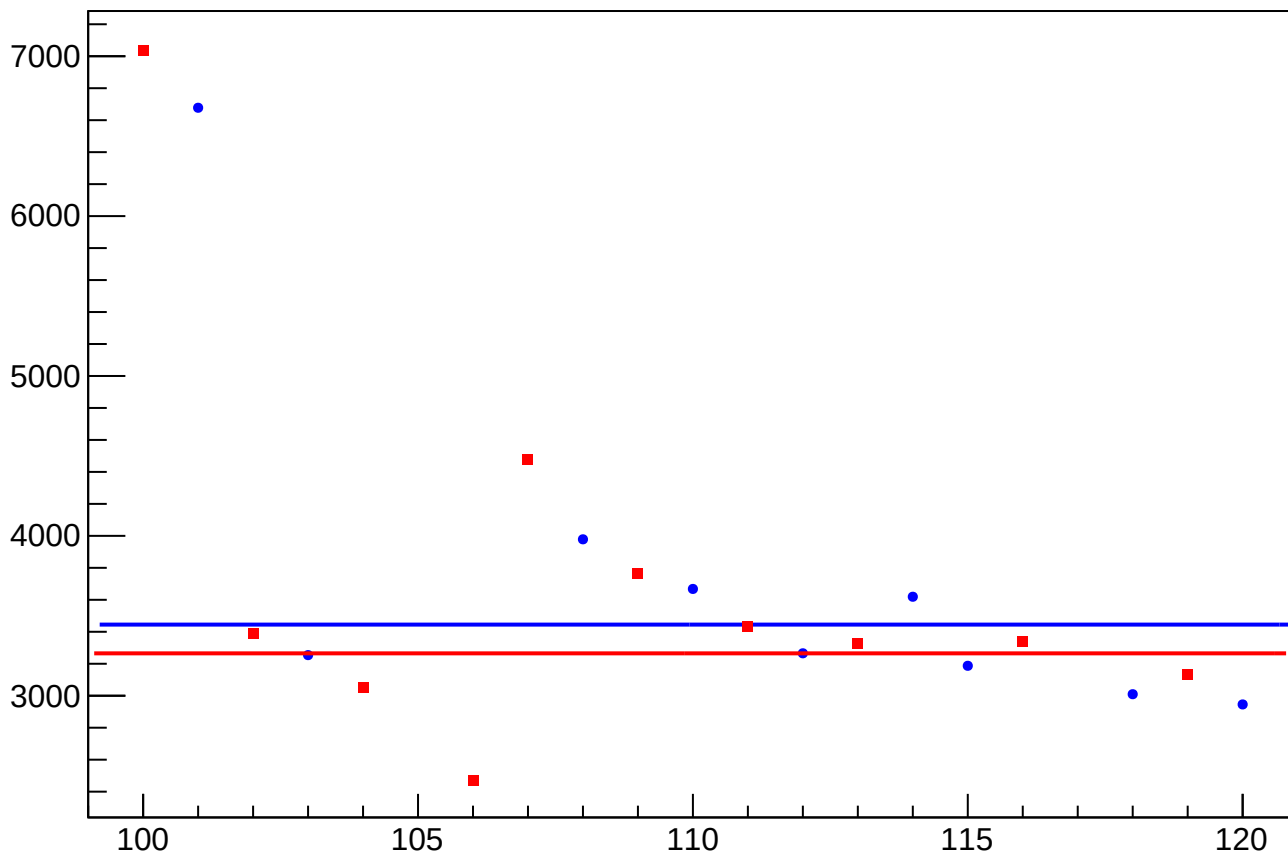
Right: -84.817+/-1254.684 χ^2/NDF : 23.2/18

In: 148.169+/-1850.503 χ^2/NDF : 10.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -84.817+/-1254.684 χ^2/NDF : 23.2/18

asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 3444.908+/-1.308 χ^2/NDF : 376515.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3265.102+/-1.177 χ^2/NDF : 163437.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

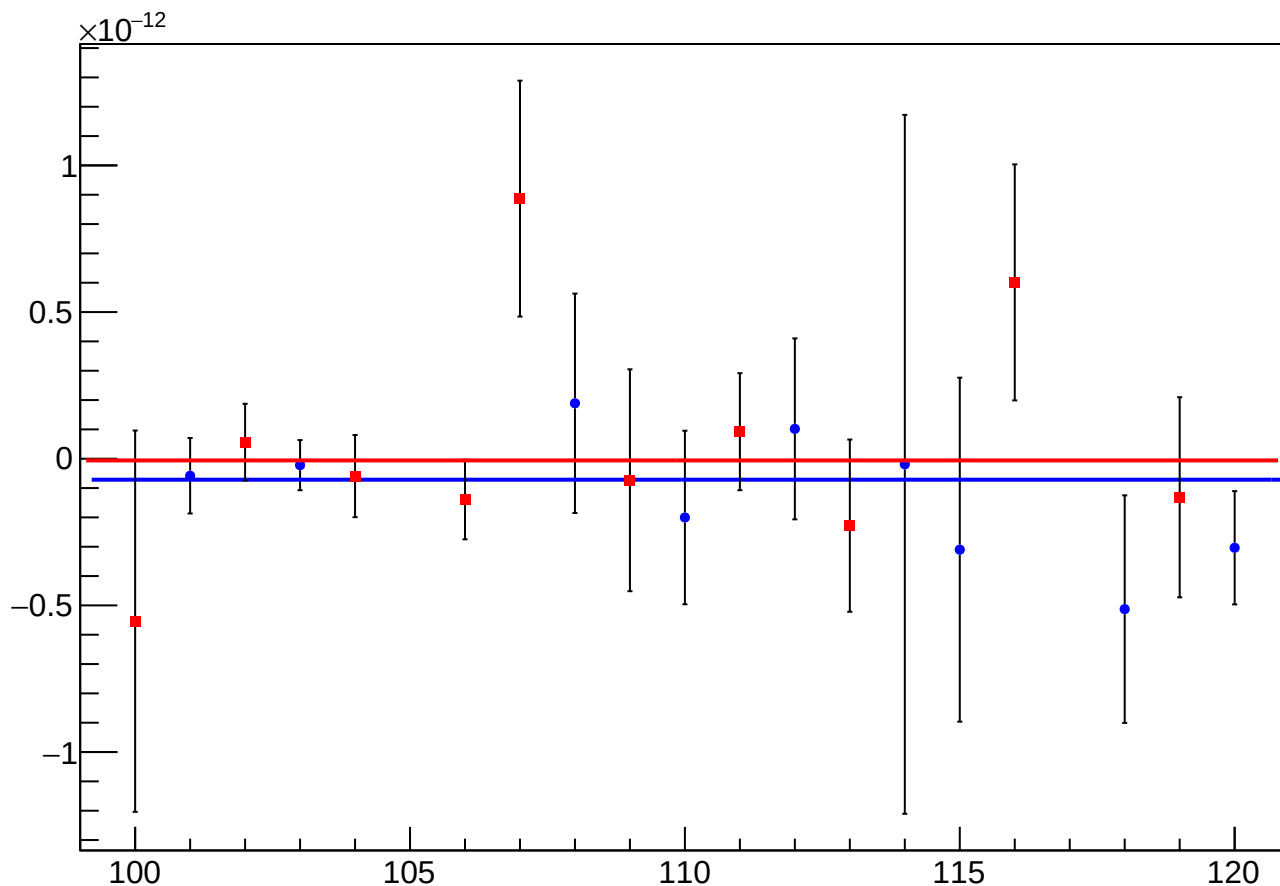
Right: 3345.546+/-0.875 χ^2/NDF : 550387.0/18

In: 3444.908+/-1.308 χ^2/NDF : 376515.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3345.546+/-0.875 χ^2/NDF : 550387.0/18

asym_atr1l2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

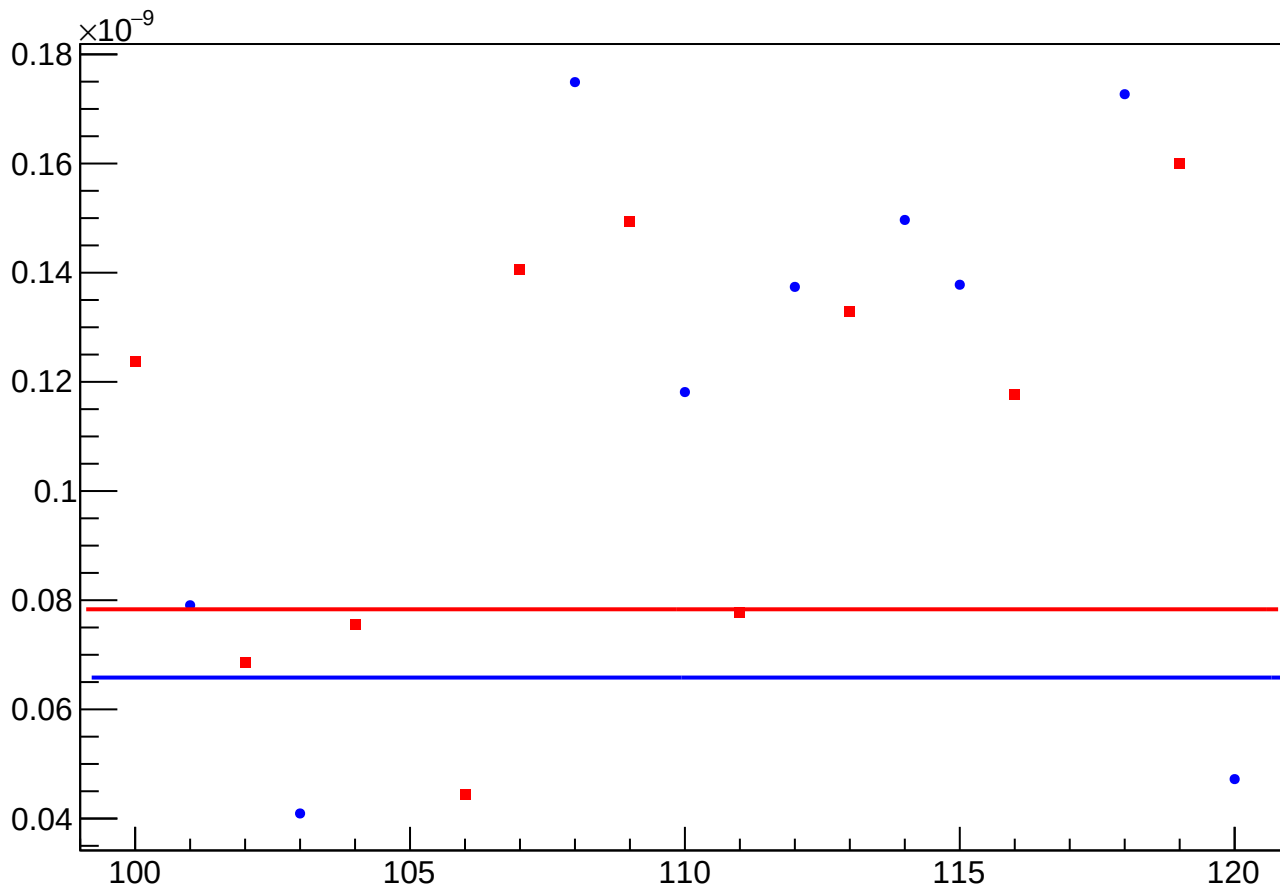
Right: -0.000+/-0.000 χ^2/NDF : 15.0/18

In: -0.000+/-0.000 χ^2/NDF : 4.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.0/18

asym_atr1l2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 741790.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 467571.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

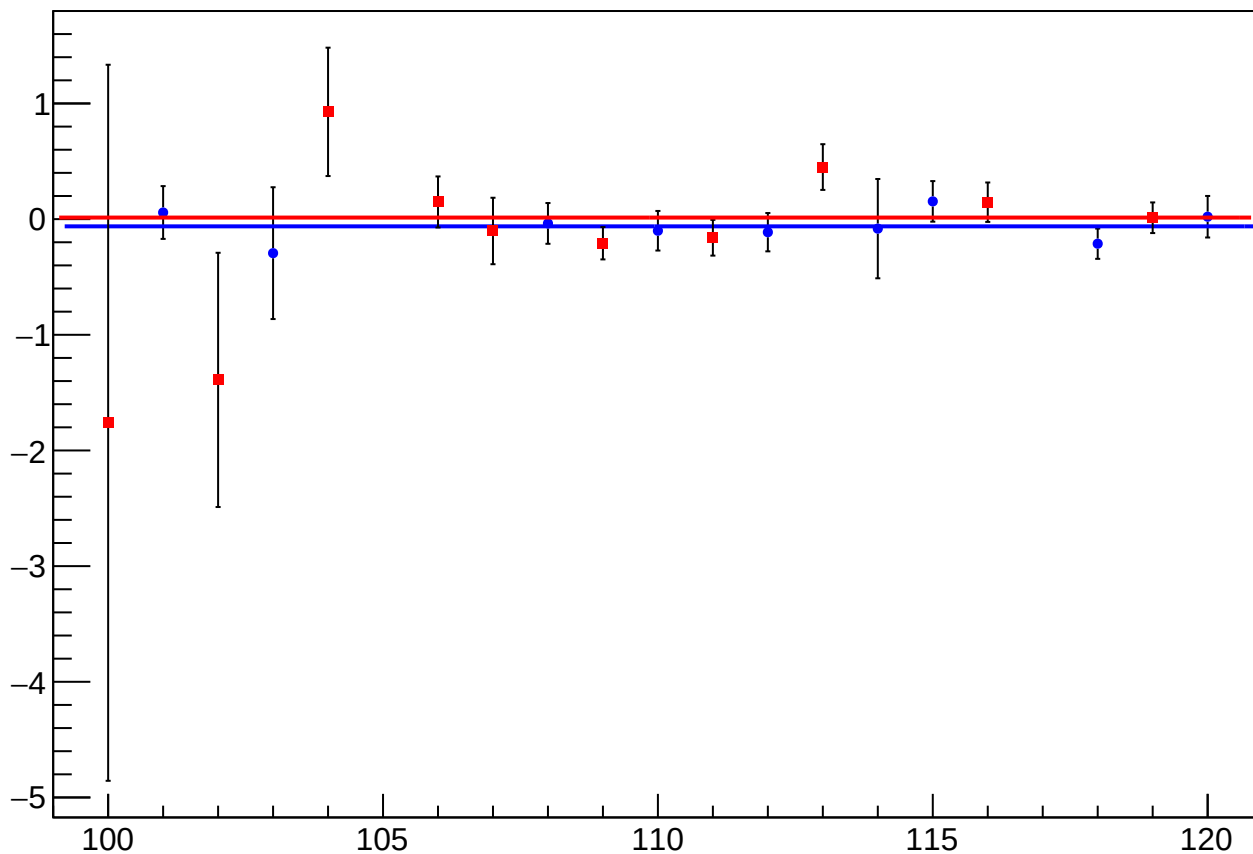
Right: 0.000+/-0.000 χ^2/NDF : 1247845.4/18

In: 0.000+/-0.000 χ^2/NDF : 741790.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1247845.4/18

asym_atr1l2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.062 $\pm$ 0.063 χ^2 /NDF: 3.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.014 $\pm$ 0.064 χ^2 /NDF: 14.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

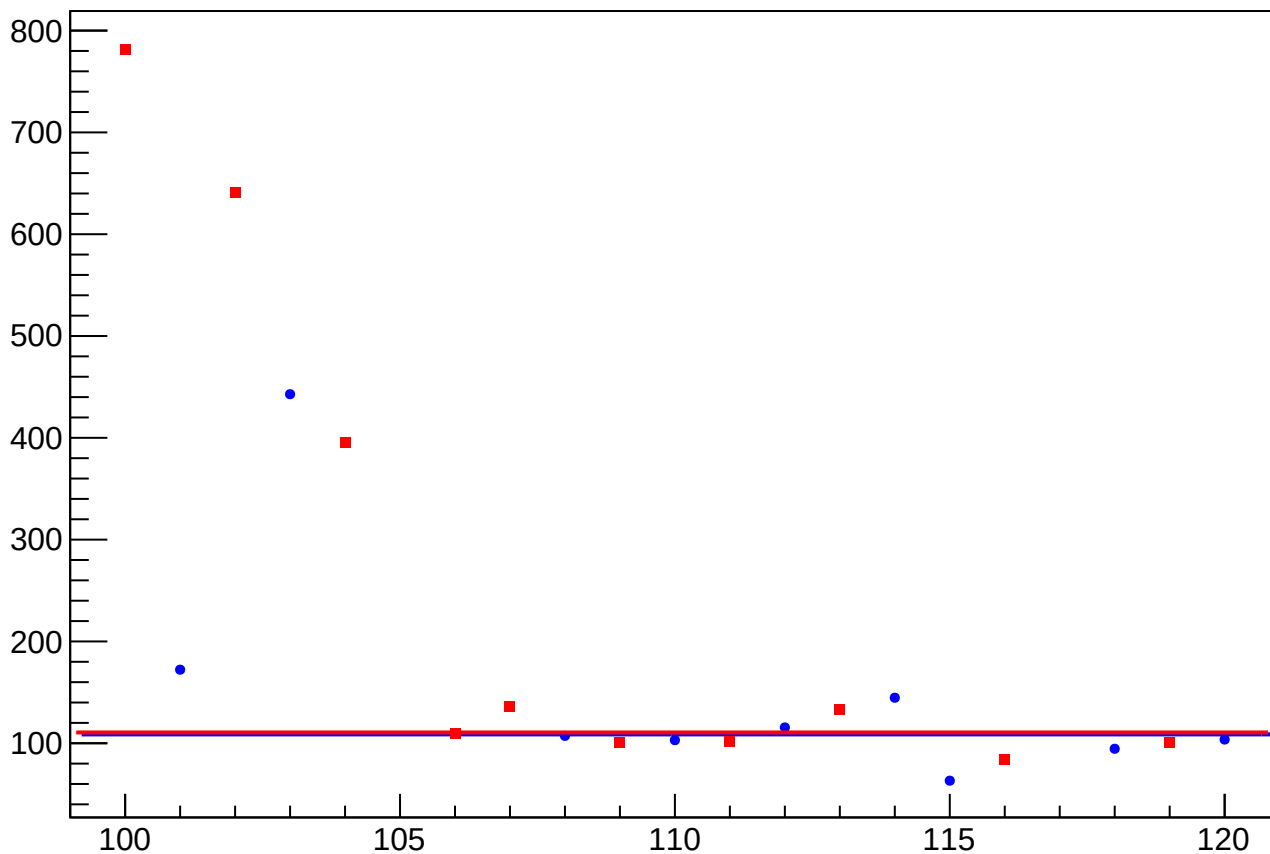
Right: -0.025 $\pm$ 0.045 χ^2 /NDF: 18.9/18

In: -0.062 $\pm$ 0.063 χ^2 /NDF:3.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.025 $\pm$ 0.045 χ^2 /NDF: 18.9/18

asym_atr1l2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.676+/-0.045 χ^2/NDF : 1022027.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.605+/-0.045 χ^2/NDF : 1202032.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

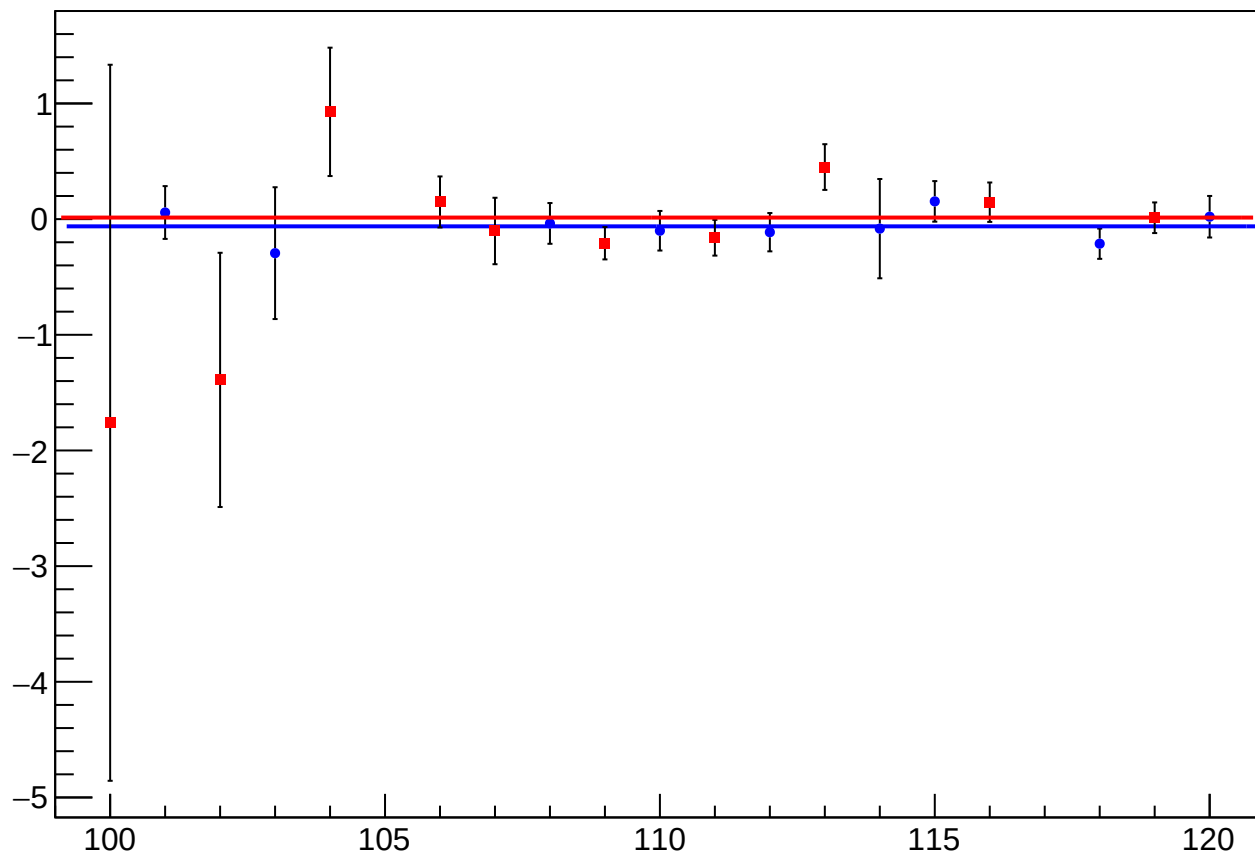
Right: 109.630+/-0.032 χ^2/NDF : 2224989.1/18

In: 108.676+/-0.045 χ^2/NDF : 1022027.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.630+/-0.032 χ^2/NDF : 2224989.1/18

asym_atr1l2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.062+/-0.063 χ^2/NDF : 3.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.014+/-0.064 χ^2/NDF : 14.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

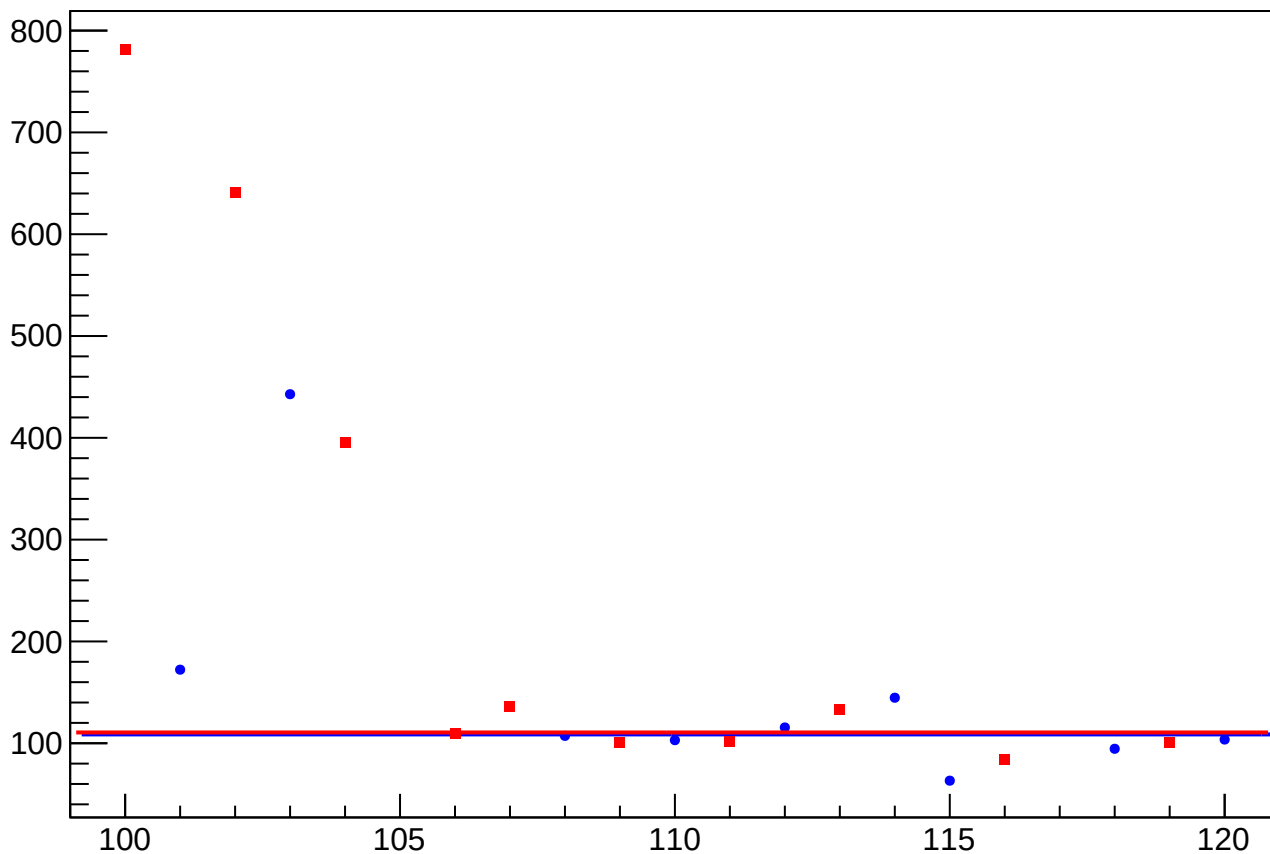
Right: -0.025+/-0.045 χ^2/NDF : 18.9/18

In: -0.062+/-0.063 χ^2/NDF :3.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.025+/-0.045 χ^2/NDF : 18.9/18

asym_atr1l2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.676+/-0.045 χ^2/NDF : 1022027.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.605+/-0.045 χ^2/NDF : 1202032.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

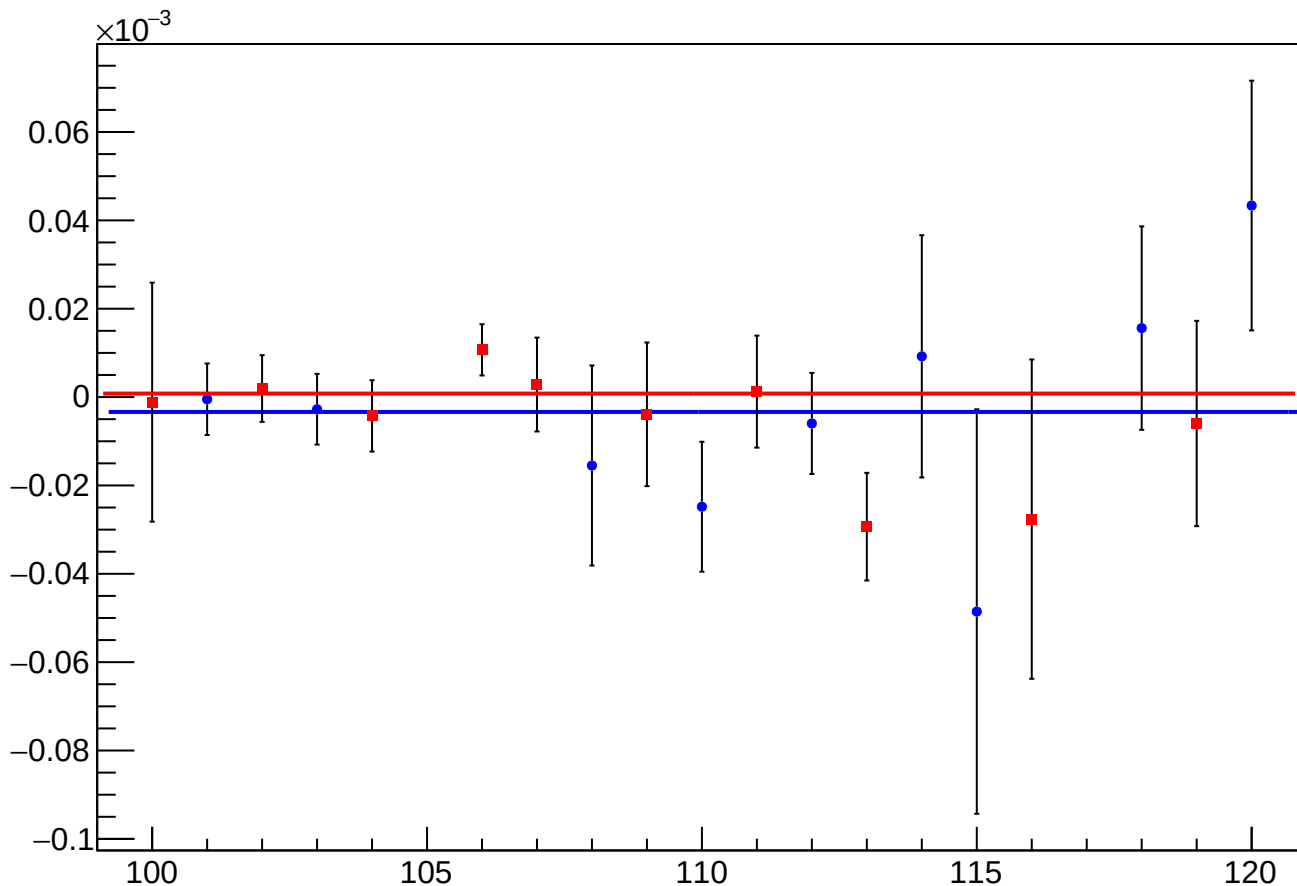
Right: 109.630+/-0.032 χ^2/NDF : 2224989.1/18

In: 108.676+/-0.045 χ^2/NDF : 1022027.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.630+/-0.032 χ^2/NDF : 2224989.1/18

asym_atr1l2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000±/0.000 χ^2/NDF : 7.2/8

Left Out: 0.000±/0.000 χ^2/NDF : 0.0/0

Right Out: 0.000±/0.000 χ^2/NDF : 10.3/9

Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

Left: 0.000±/0.000 χ^2/NDF : 0.0/0

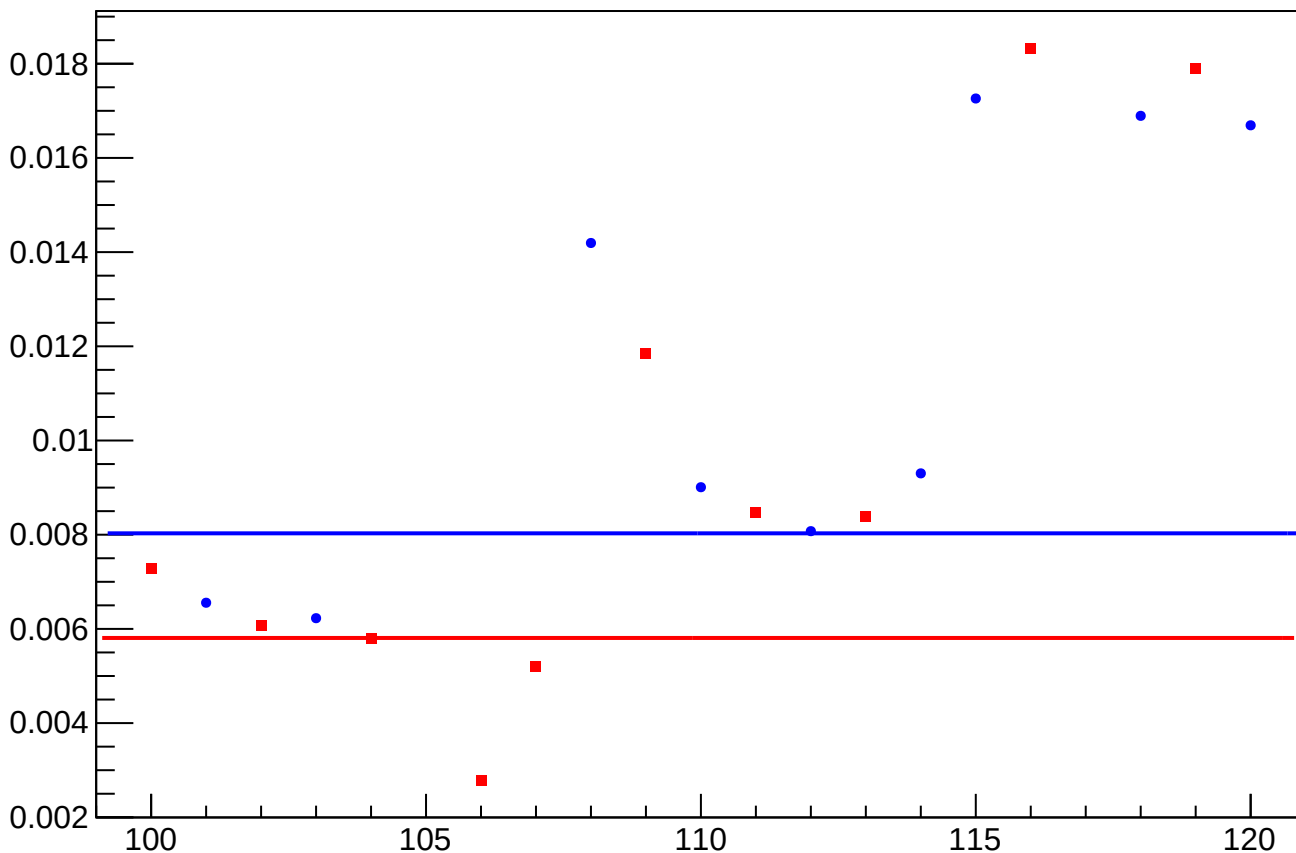
Right: -0.000±/0.000 χ^2/NDF : 18.0/18

In: -0.000±/0.000 χ^2/NDF : 7.2/8

Out: 0.000±/0.000 χ^2/NDF : 0.0/0

All: -0.000±/0.000 χ^2/NDF : 18.0/18

asym_atr1l2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 894693.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1794719.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

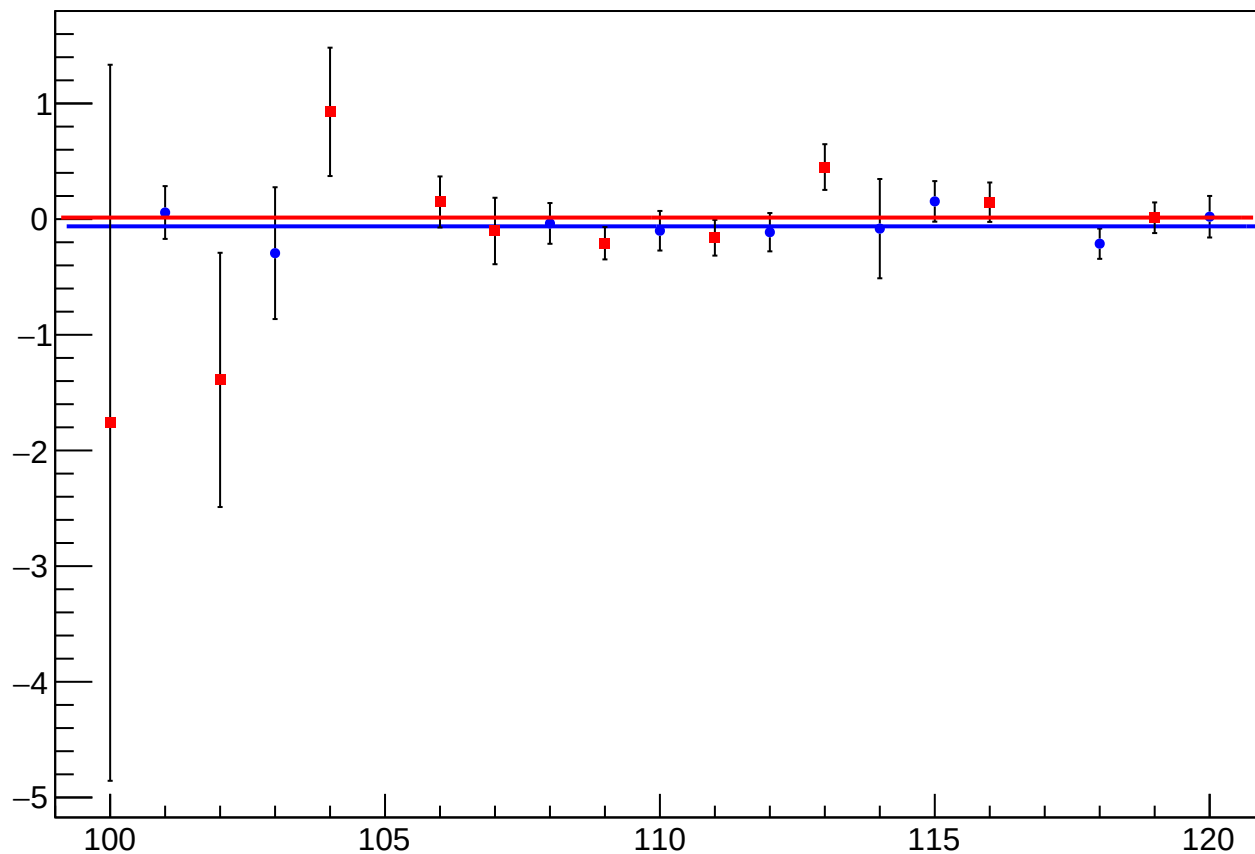
Right: 0.007+/-0.000 χ^2/NDF : 3009522.1/18

In: 0.008+/-0.000 χ^2/NDF :894693.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 3009522.1/18

asym_atr1l2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.062 $\pm$ 0.063 χ^2 /NDF: 3.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.014 $\pm$ 0.064 χ^2 /NDF: 14.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

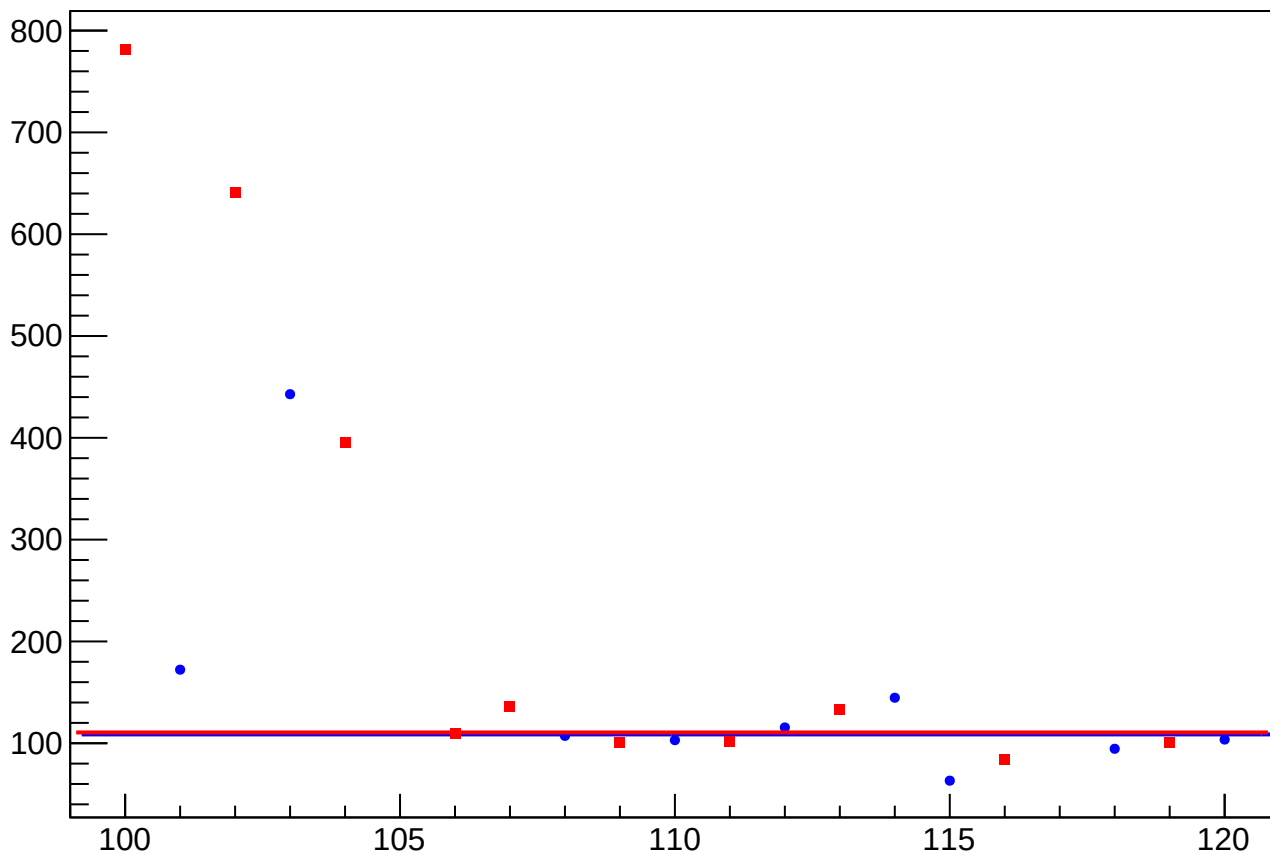
Right: -0.025 $\pm$ 0.045 χ^2 /NDF: 18.9/18

In: -0.062 $\pm$ 0.063 χ^2 /NDF:3.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.025 $\pm$ 0.045 χ^2 /NDF: 18.9/18

asym_atr1l2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.677+/-0.045 χ^2/NDF : 1022006.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.608+/-0.045 χ^2/NDF : 1201987.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

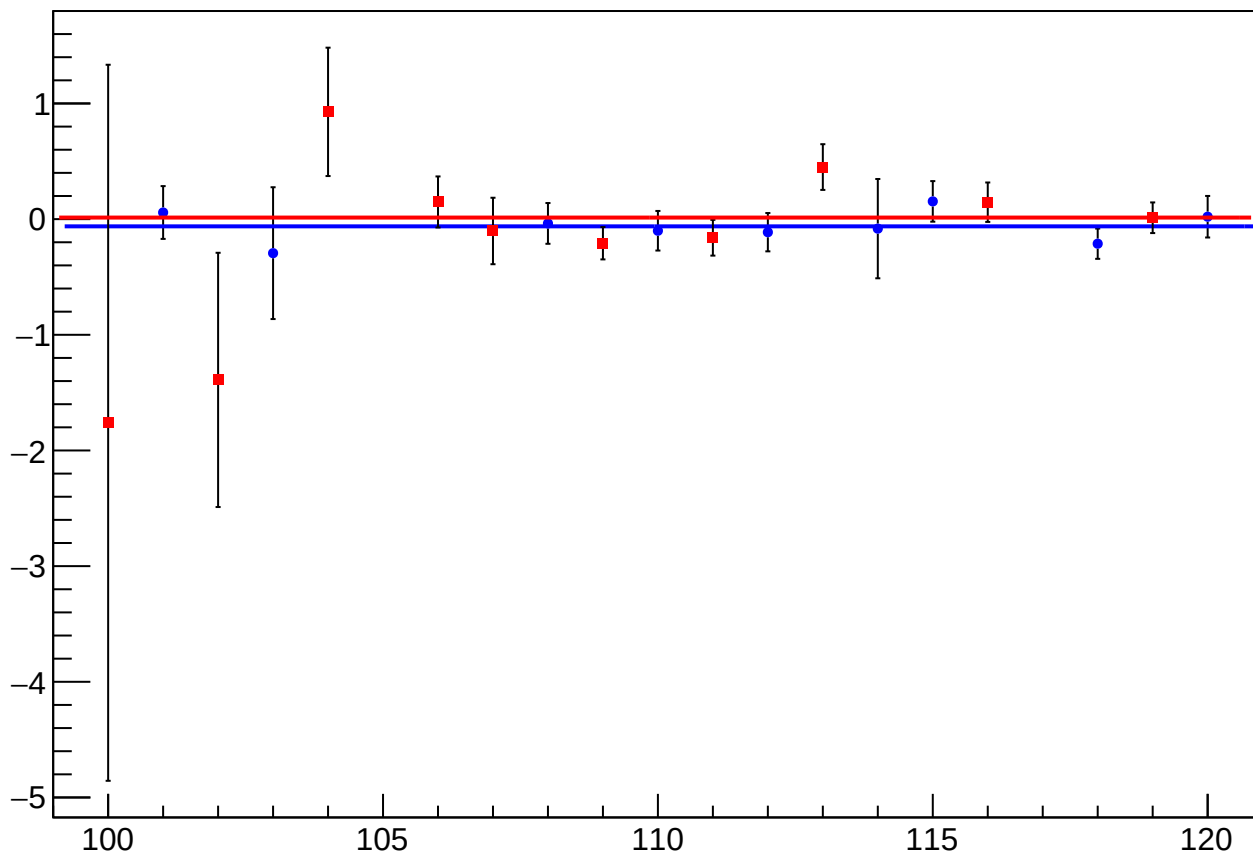
Right: 109.632+/-0.032 χ^2/NDF : 2224925.4/18

In: 108.677+/-0.045 χ^2/NDF : 1022006.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.632+/-0.032 χ^2/NDF : 2224925.4/18

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.062 ± 0.063 χ^2/NDF : 3.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.014 ± 0.064 χ^2/NDF : 14.5/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

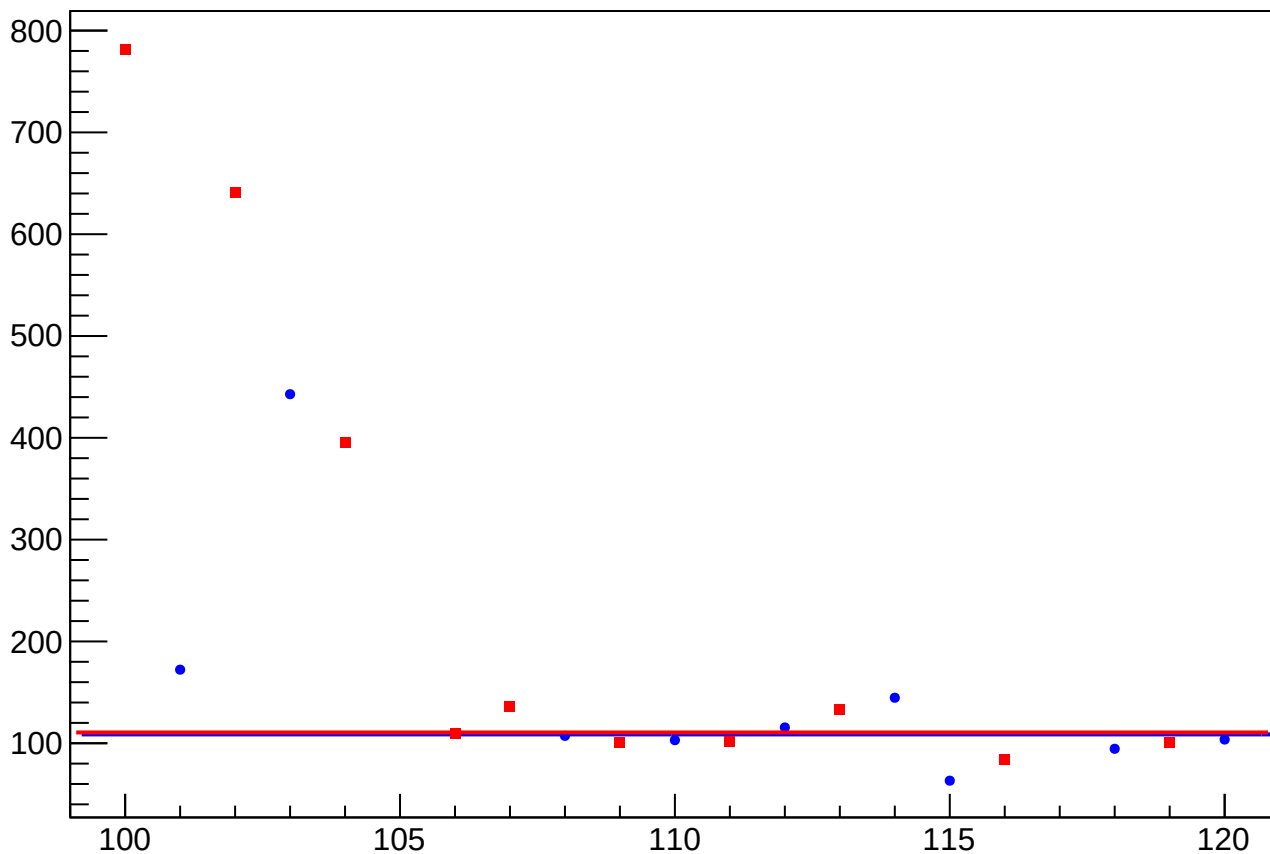
Right: -0.025 ± 0.045 χ^2/NDF : 18.9/18

In: -0.062 ± 0.063 χ^2/NDF : 3.6/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.025 ± 0.045 χ^2/NDF : 18.9/18

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.677+/-0.045 χ^2/NDF : 1022006.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.608+/-0.045 χ^2/NDF : 1201987.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

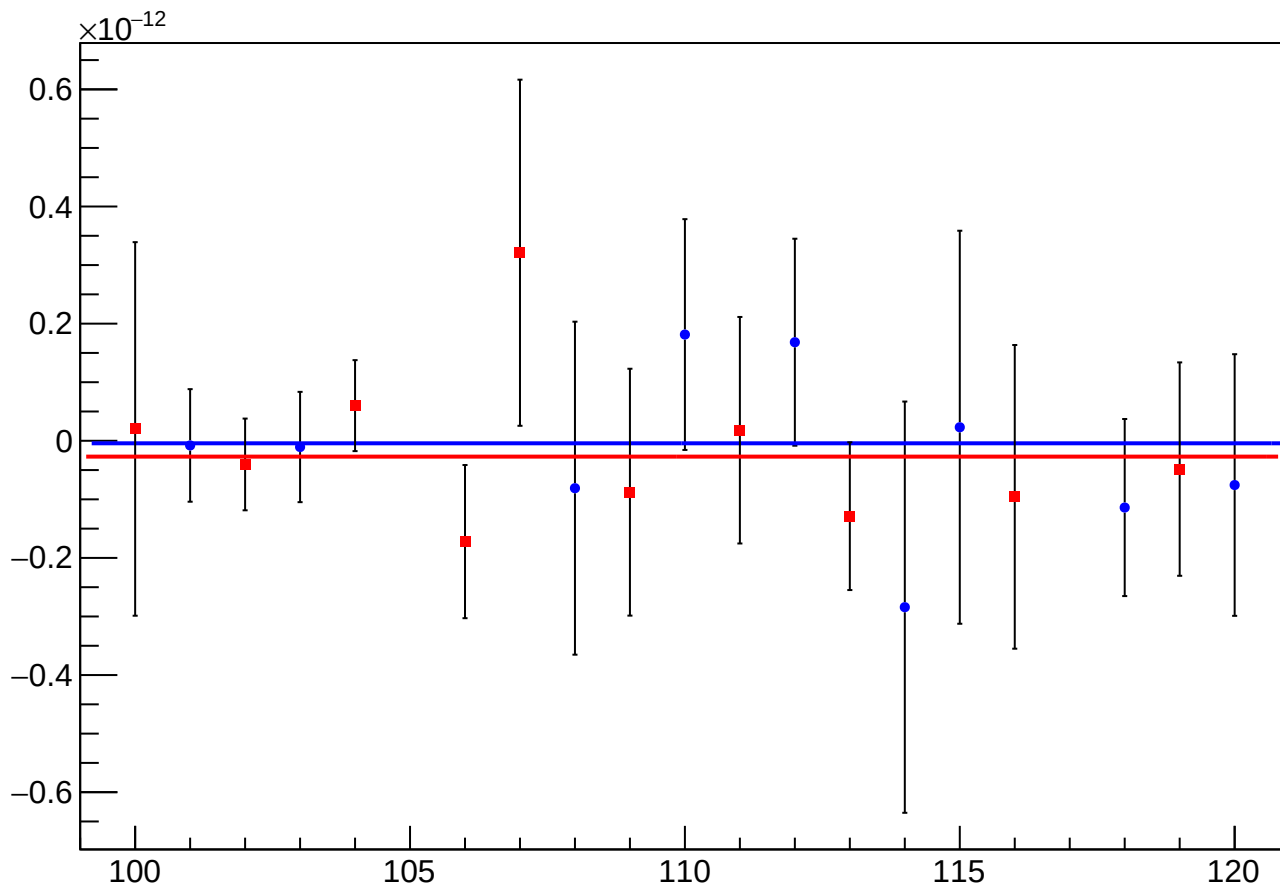
Right: 109.632+/-0.032 χ^2/NDF : 2224925.4/18

In: 108.677+/-0.045 χ^2/NDF : 1022006.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.632+/-0.032 χ^2/NDF : 2224925.4/18

asym_atr1l2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

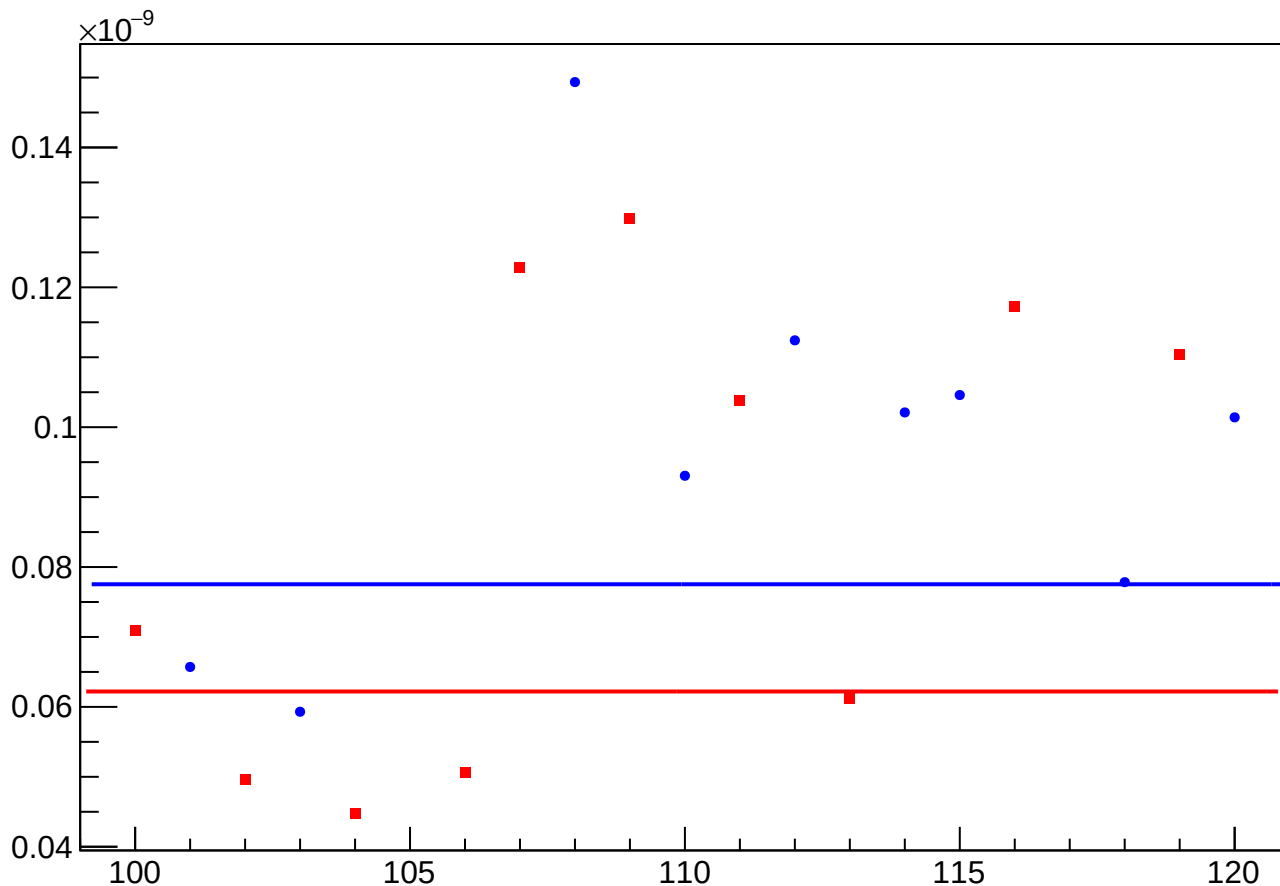
Right: -0.000+/-0.000 χ^2/NDF : 8.1/18

In: -0.000+/-0.000 χ^2/NDF : 3.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.1/18

asym_atr1l2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 368915.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 783984.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

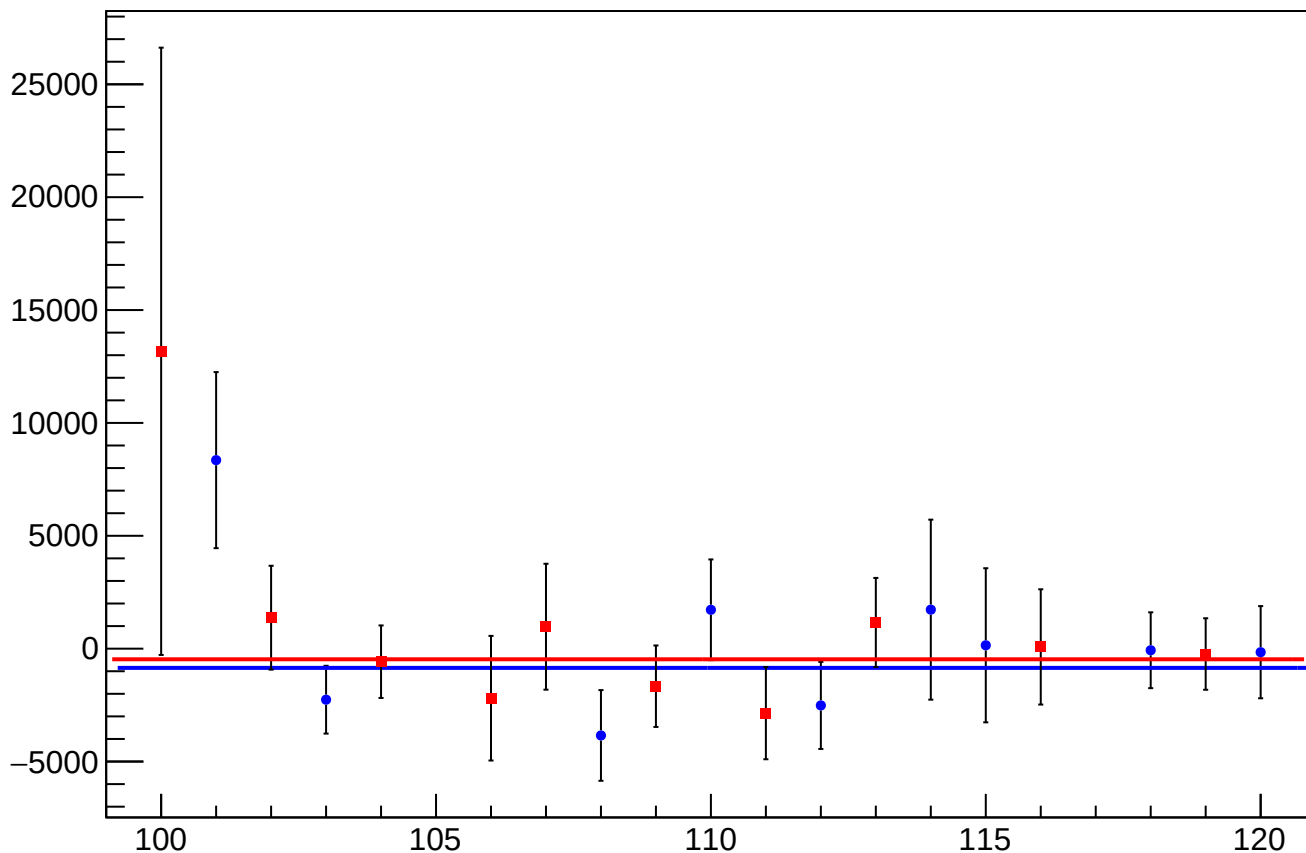
Right: 0.000+/-0.000 χ^2/NDF : 1258452.7/18

In: 0.000+/-0.000 χ^2/NDF : 368915.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1258452.7/18

reg_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -851.359+/-712.546 χ^2/NDF : 11.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -470.574+/-674.645 χ^2/NDF : 4.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

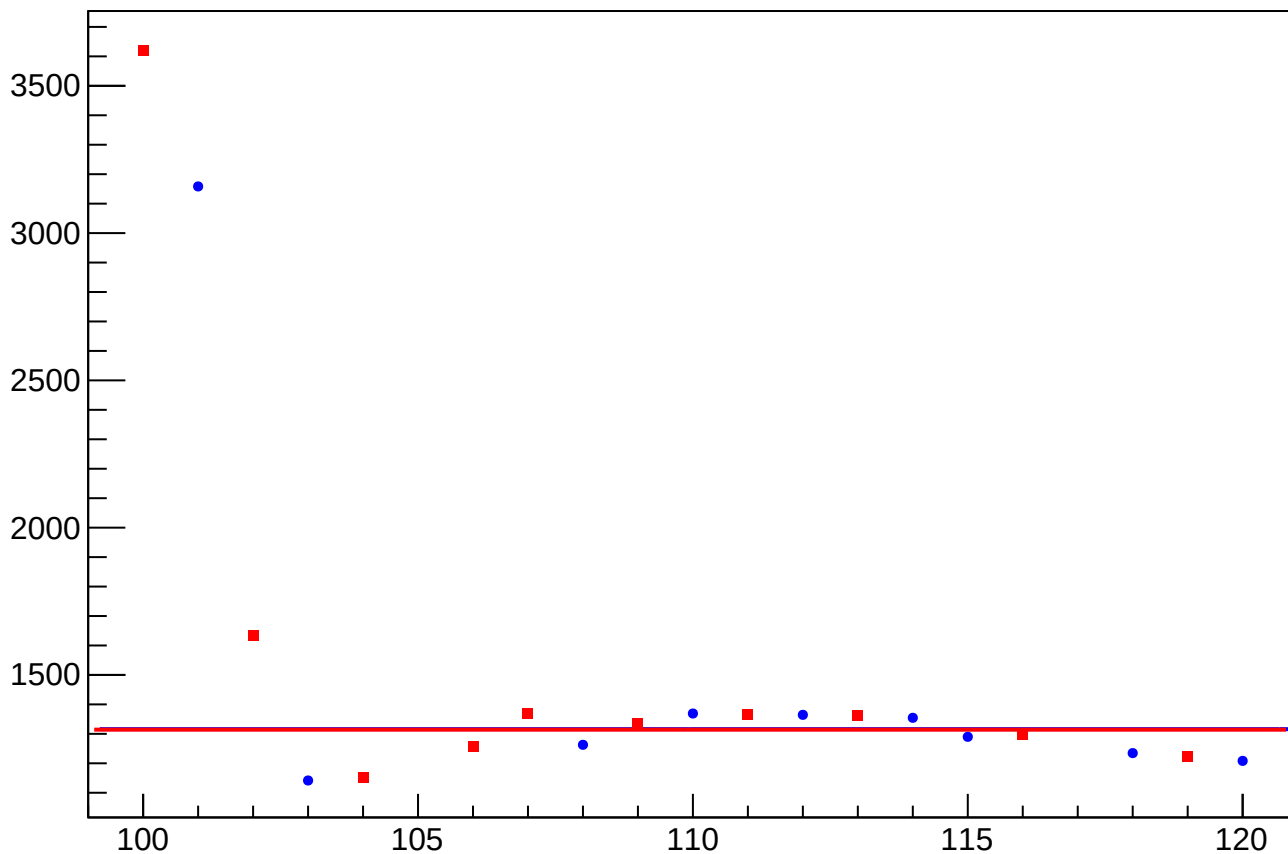
Right: -650.571+/-489.897 χ^2/NDF : 16.6/18

In: -851.359+/-712.546 χ^2/NDF :11.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -650.571+/-489.897 χ^2/NDF : 16.6/18

reg_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1315.927+/-0.504 χ^2/NDF : 487637.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1314.269+/-0.475 χ^2/NDF : 129408.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

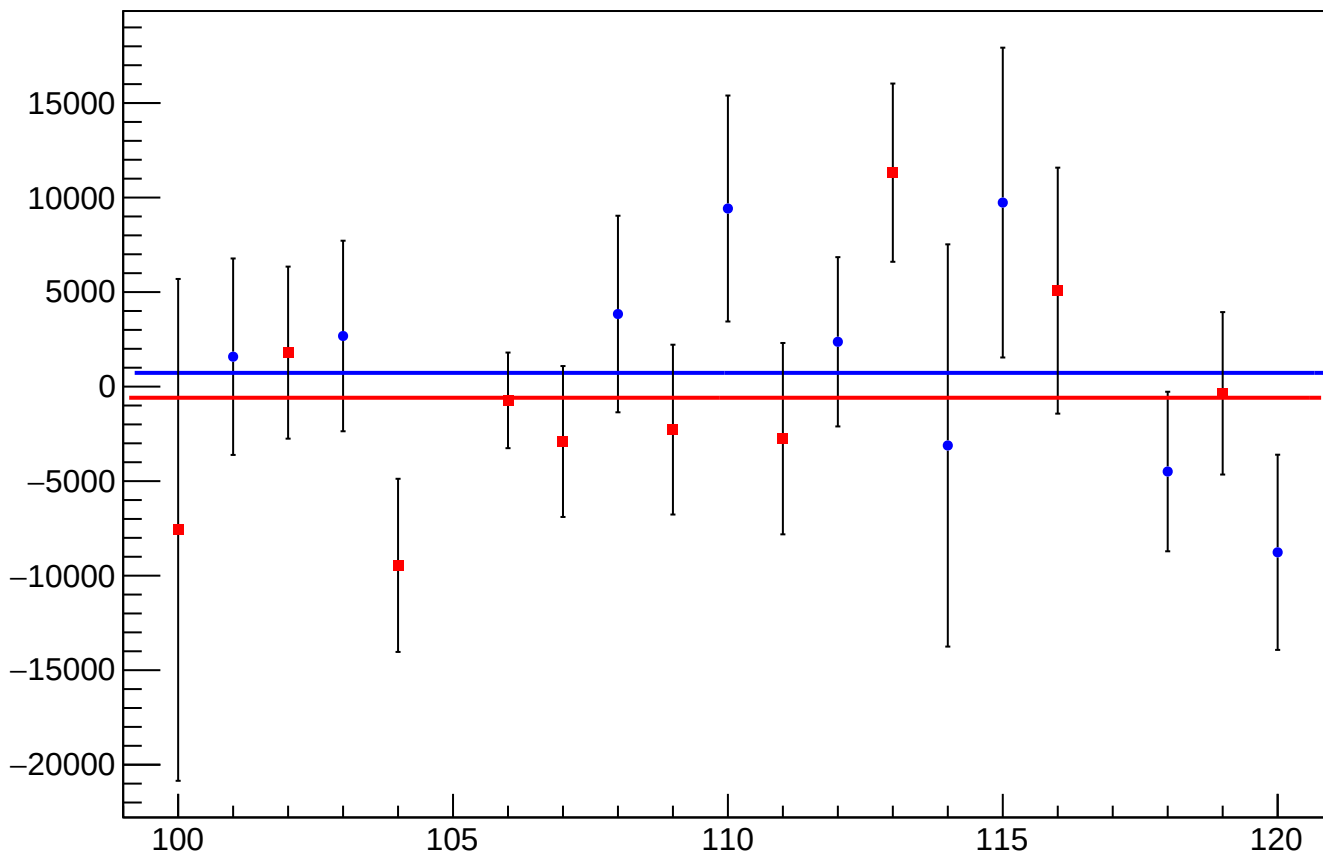
Right: 1315.049+/-0.345 χ^2/NDF : 617052.3/18

In: 1315.927+/-0.504 χ^2/NDF : 487637.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1315.049+/-0.345 χ^2/NDF : 617052.3/18

asym_atl_dd_atr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 727.064 $\pm$ 1799.843 χ^2 /NDF: 9.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -589.123 $\pm$ 1370.763 χ^2 /NDF: 12.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

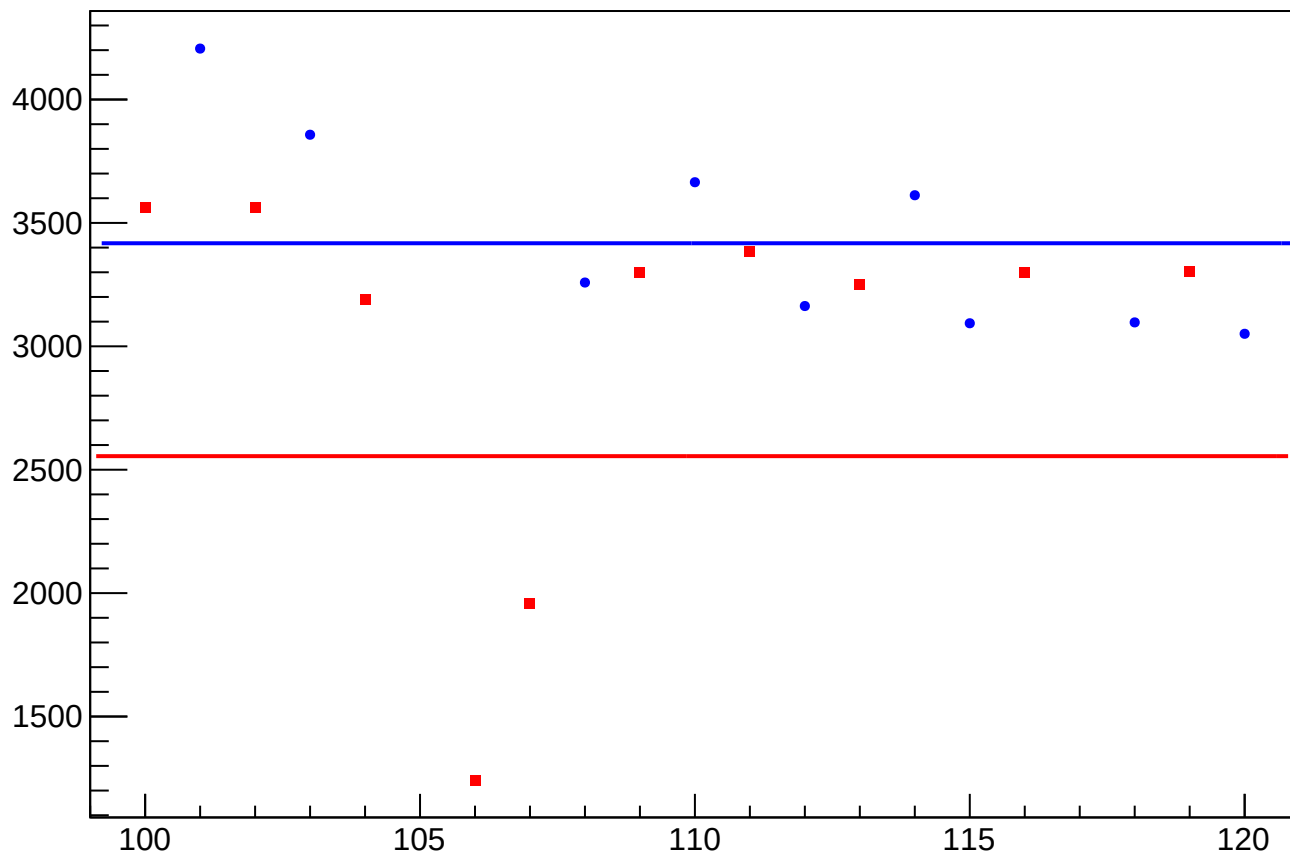
Right: -105.946 $\pm$ 1090.507 χ^2 /NDF: 21.5/18

In: 727.064 $\pm$ 1799.843 χ^2 /NDF:9.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -105.946 $\pm$ 1090.507 χ^2 /NDF: 21.5/18

asym_atl_dd_atr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3417.596+/-1.273 χ^2/NDF : 98514.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2554.988+/-0.969 χ^2/NDF : 970662.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

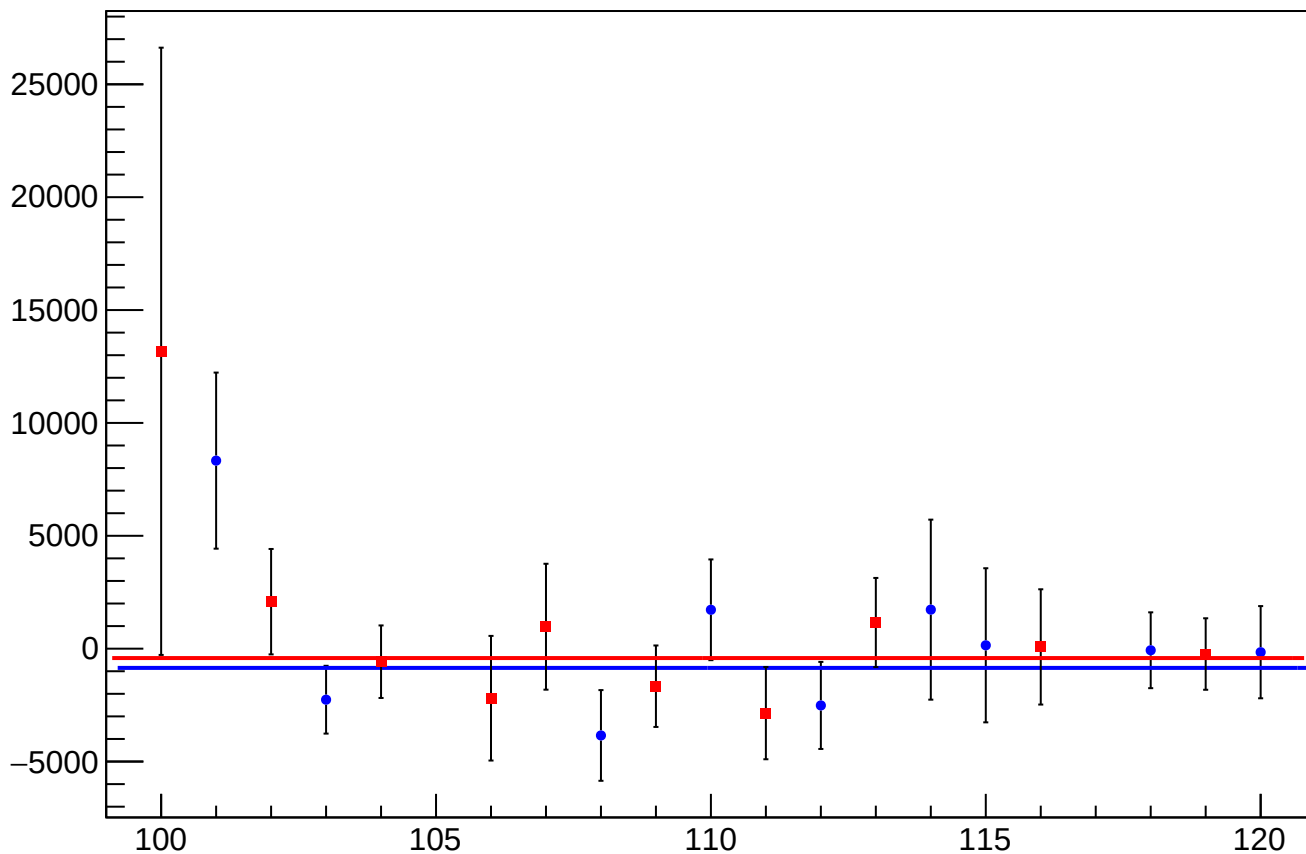
Right: 2871.654+/-0.771 χ^2/NDF : 1359927.0/18

In: 3417.596+/-1.273 χ^2/NDF : 98514.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2871.654+/-0.771 χ^2/NDF : 1359927.0/18

cor_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -852.035+/-712.546 χ^2/NDF : 11.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -415.983+/-675.503 χ^2/NDF : 5.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

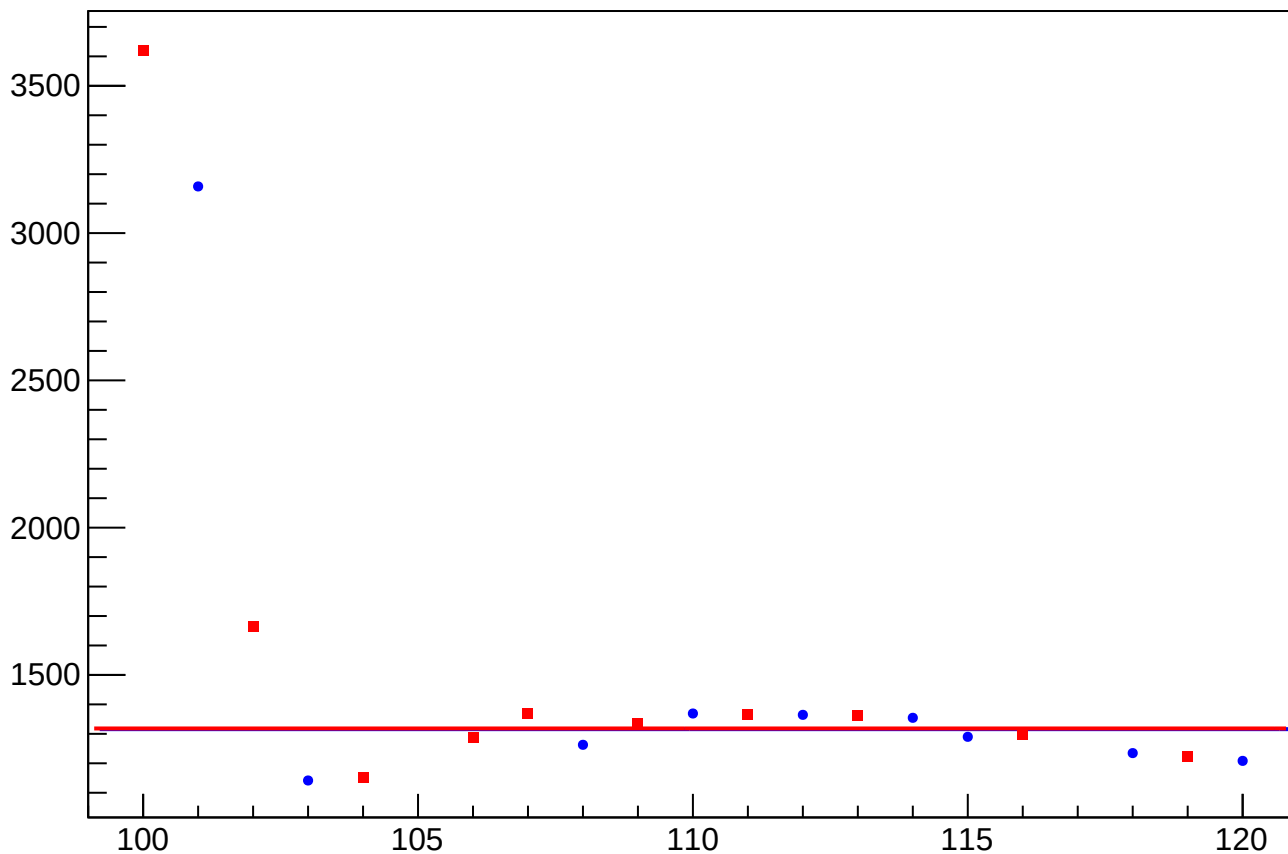
Right: -622.380+/-490.225 χ^2/NDF : 17.2/18

In: -852.035+/-712.546 χ^2/NDF : 11.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -622.380+/-490.225 χ^2/NDF : 17.2/18

cor_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1315.926+/-0.504 χ^2/NDF : 487639.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1318.227+/-0.476 χ^2/NDF : 135367.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

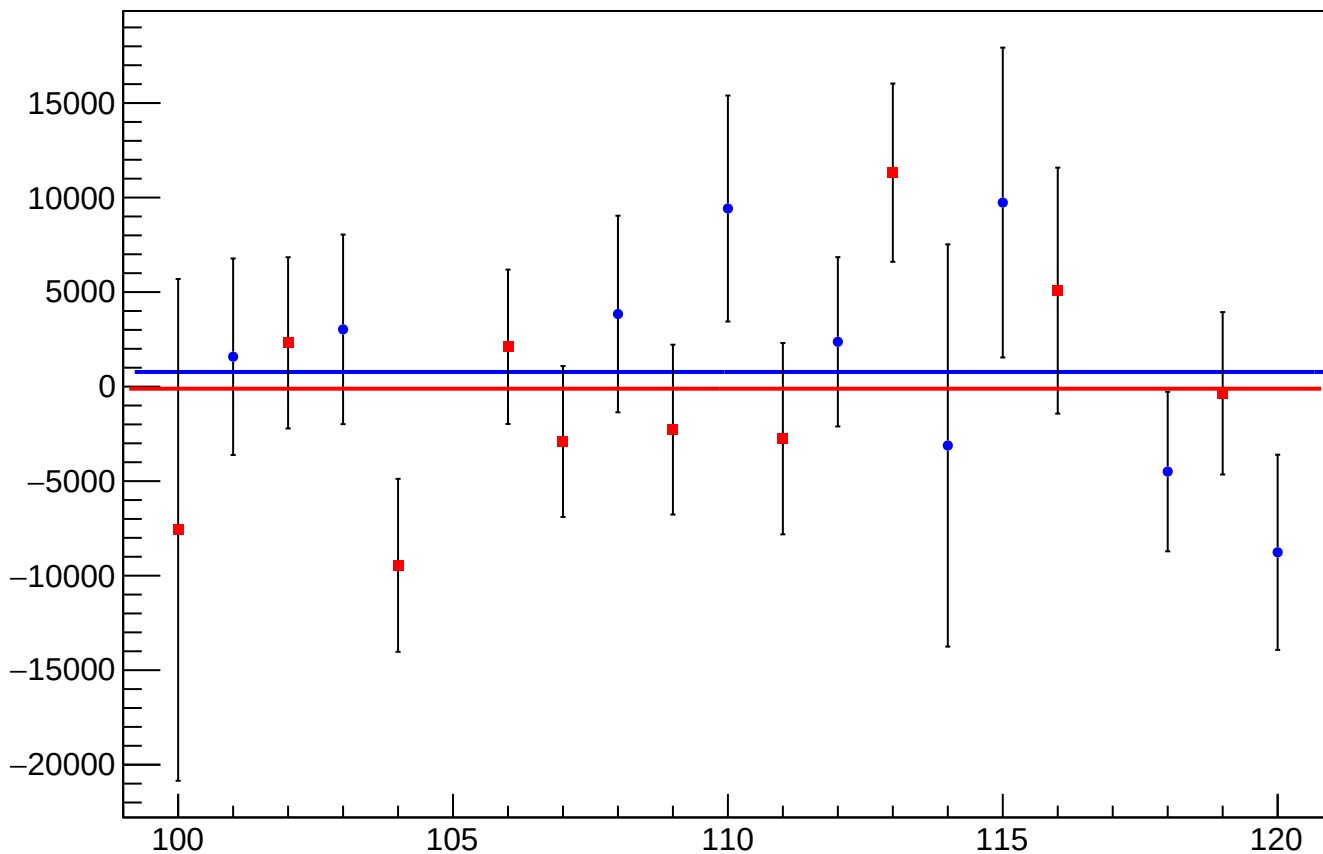
Right: 1317.142+/-0.346 χ^2/NDF : 623017.5/18

In: 1315.926+/-0.504 χ^2/NDF : 487639.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1317.142+/-0.346 χ^2/NDF : 623017.5/18

asym_atl_dd_atr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 774.691+/-1798.703 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -110.453+/-1513.776 χ^2/NDF : 12.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

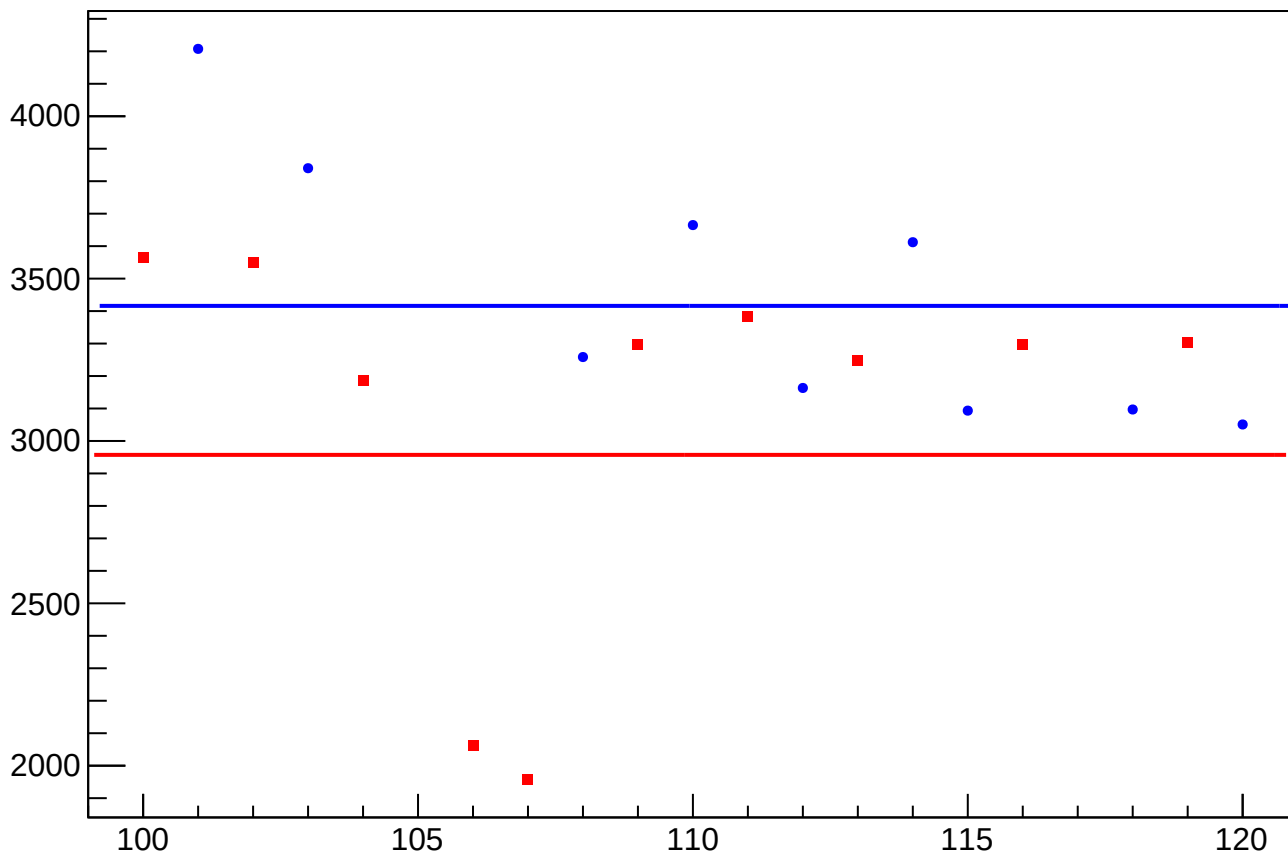
Right: 256.541+/-1158.196 χ^2/NDF : 21.8/18

In: 774.691+/-1798.703 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 256.541+/-1158.196 χ^2/NDF : 21.8/18

asym_atl_dd_atr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3416.026+/-1.272 χ^2/NDF : 97590.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2957.186+/-1.070 χ^2/NDF : 317255.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

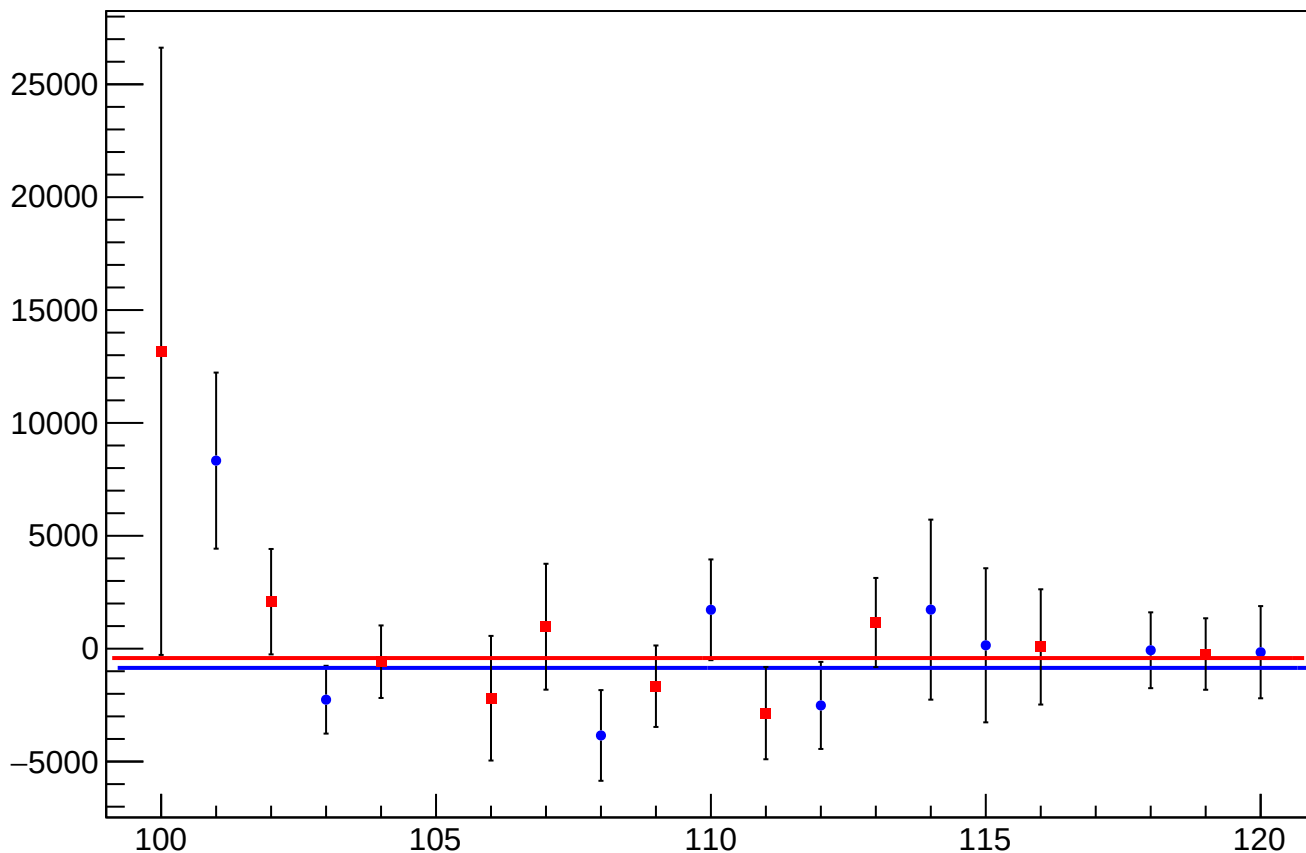
Right: 3147.428+/-0.819 χ^2/NDF : 491031.3/18

In: 3416.026+/-1.272 χ^2/NDF : 97590.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3147.428+/-0.819 χ^2/NDF : 491031.3/18

eigen_cor_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -852.035+/-712.546 χ^2 /NDF: 11.6/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -415.983+/-675.503 χ^2 /NDF: 5.4/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

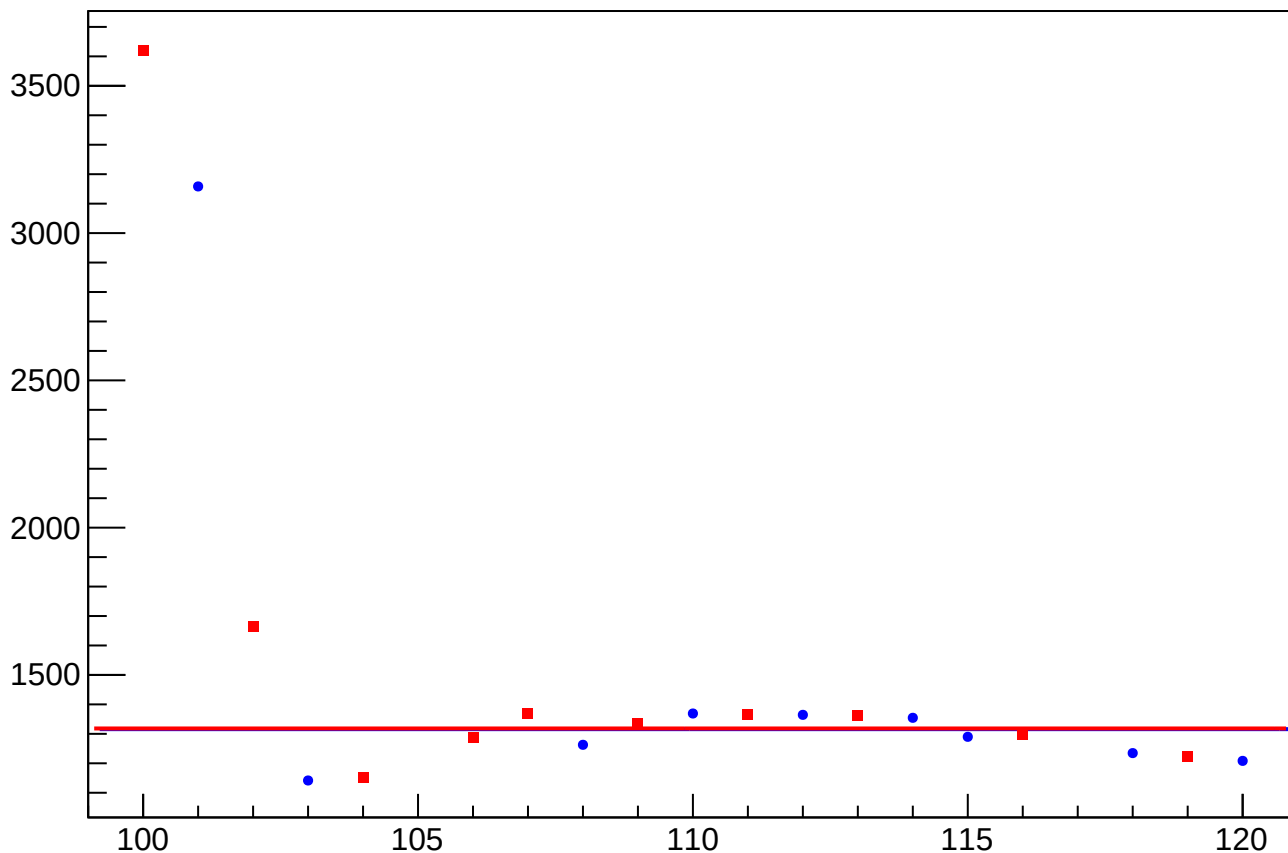
Right: -622.380+/-490.225 χ^2 /NDF: 17.2/18

In: -852.035+/-712.546 χ^2 /NDF:11.6/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -622.380+/-490.225 χ^2 /NDF: 17.2/18

eigen_cor_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1315.926+/-0.504 χ^2/NDF : 487639.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1318.227+/-0.476 χ^2/NDF : 135367.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

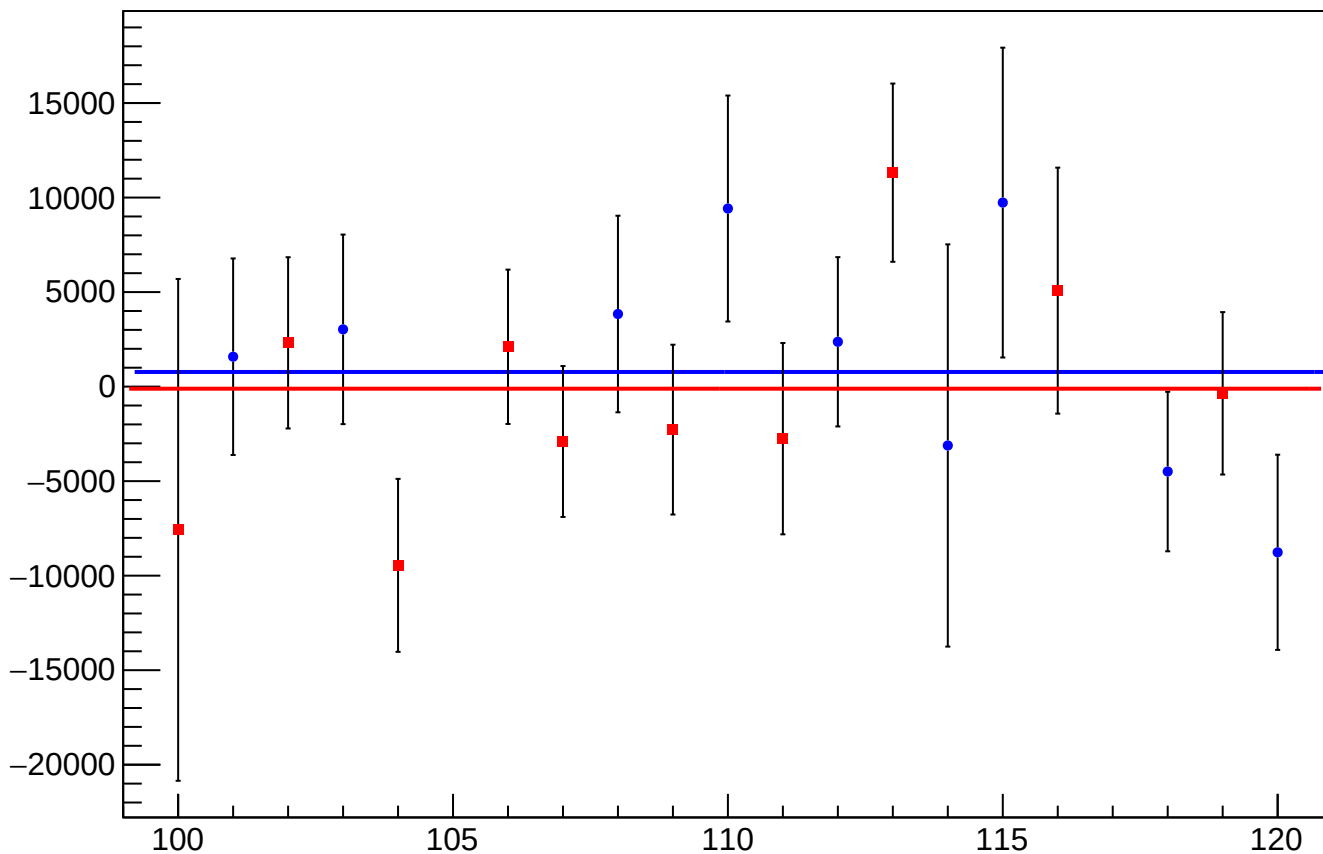
Right: 1317.142+/-0.346 χ^2/NDF : 623017.5/18

In: 1315.926+/-0.504 χ^2/NDF : 487639.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1317.142+/-0.346 χ^2/NDF : 623017.5/18

asym_atl_dd_atr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 774.691+/-1798.703 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -110.453+/-1513.776 χ^2/NDF : 12.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

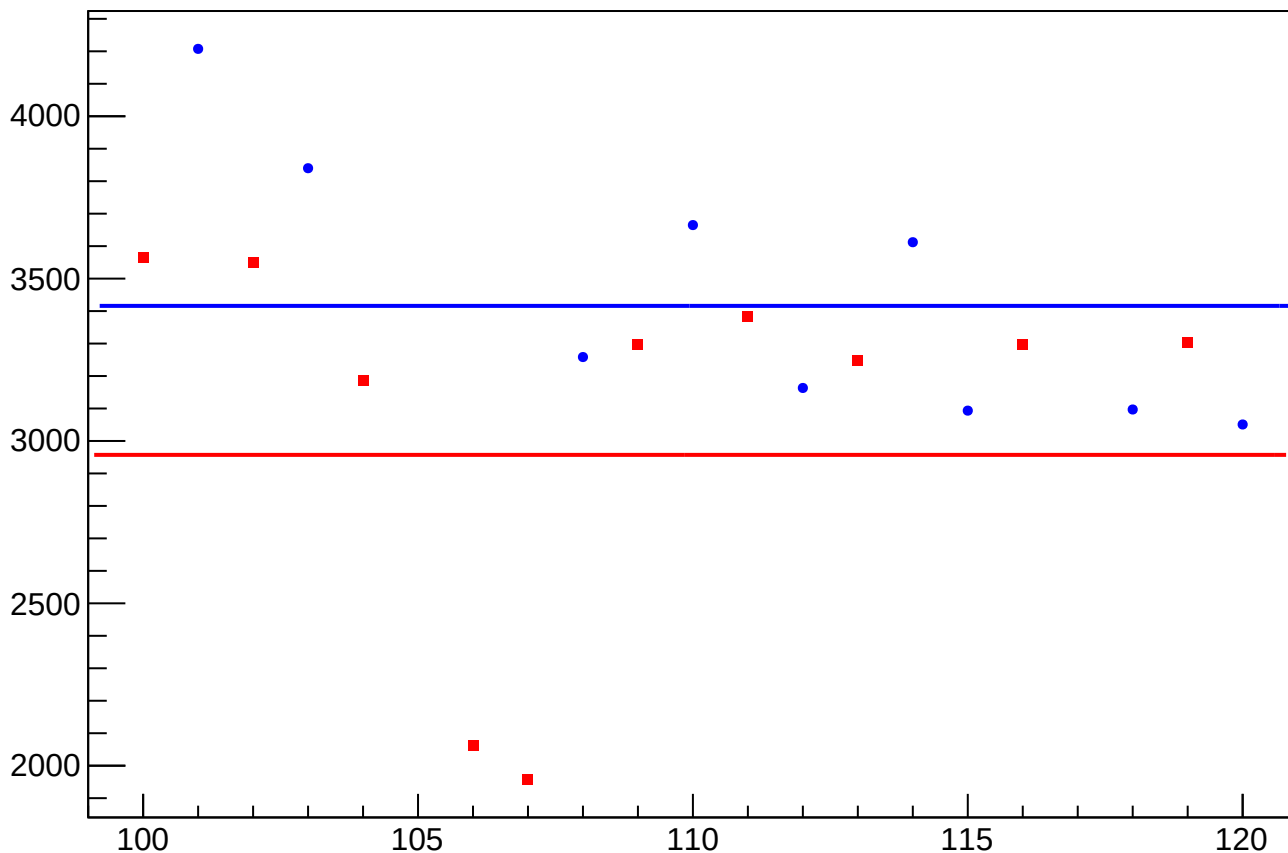
Right: 256.541+/-1158.196 χ^2/NDF : 21.8/18

In: 774.691+/-1798.703 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 256.541+/-1158.196 χ^2/NDF : 21.8/18

asym_atl_dd_atr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3416.026+/-1.272 χ^2/NDF : 97590.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2957.186+/-1.070 χ^2/NDF : 317255.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

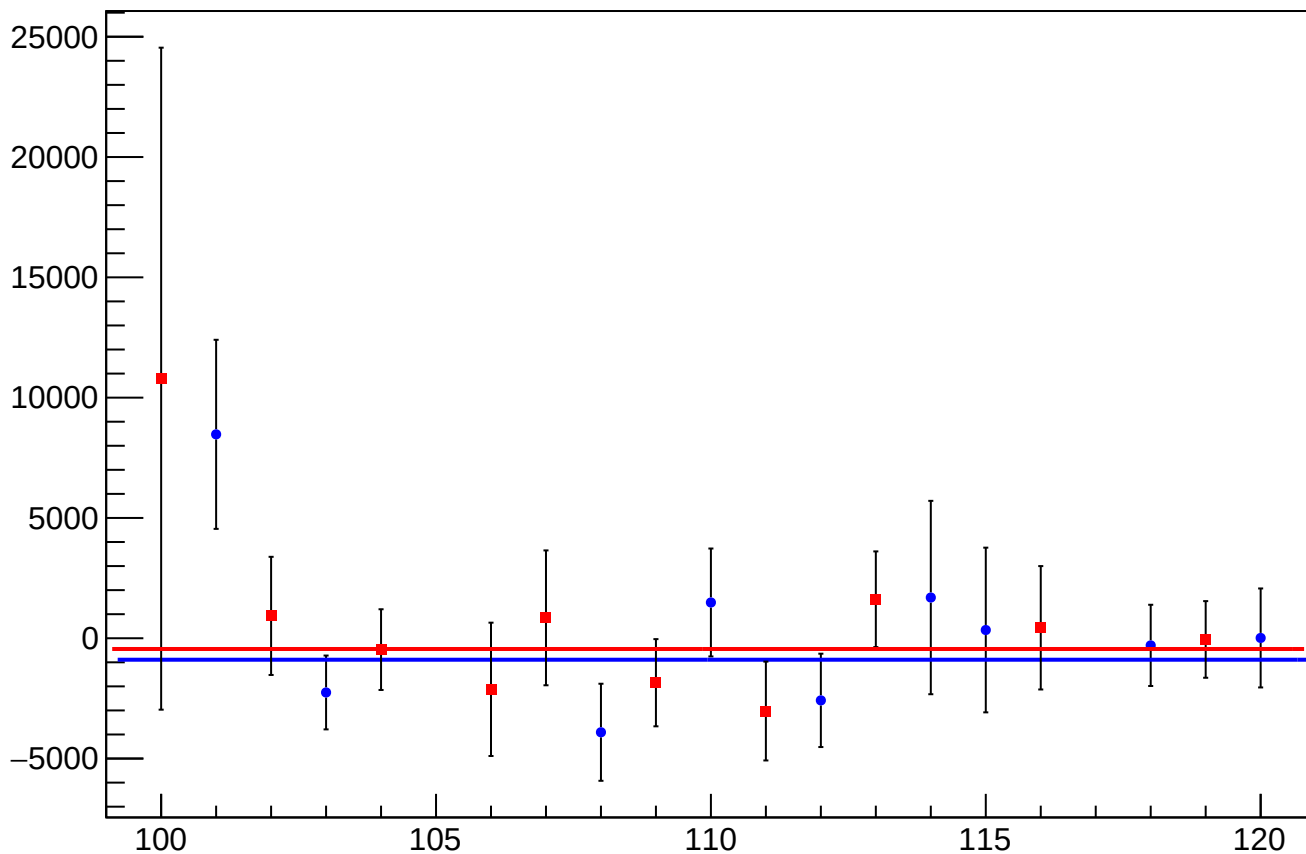
Right: 3147.428+/-0.819 χ^2/NDF : 491031.3/18

In: 3416.026+/-1.272 χ^2/NDF : 97590.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3147.428+/-0.819 χ^2/NDF : 491031.3/18

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -892.330+/-718.956 χ^2/NDF : 11.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -446.283+/-685.988 χ^2/NDF : 5.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

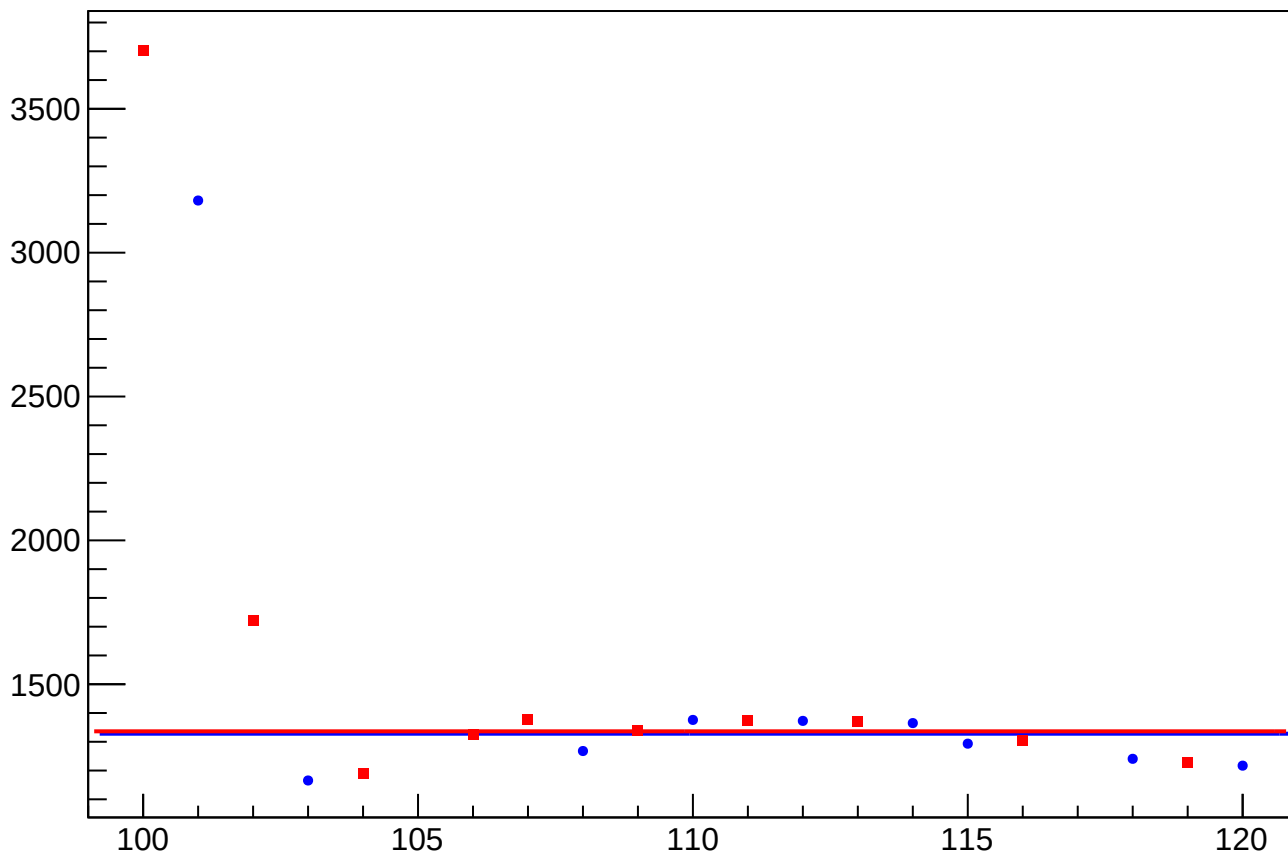
Right: -658.845+/-496.313 χ^2/NDF : 16.7/18

In: -892.330+/-718.956 χ^2/NDF :11.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -658.845+/-496.313 χ^2/NDF : 16.7/18

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1328.042+/-0.508 χ^2/NDF : 482693.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1336.319+/-0.484 χ^2/NDF : 134582.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

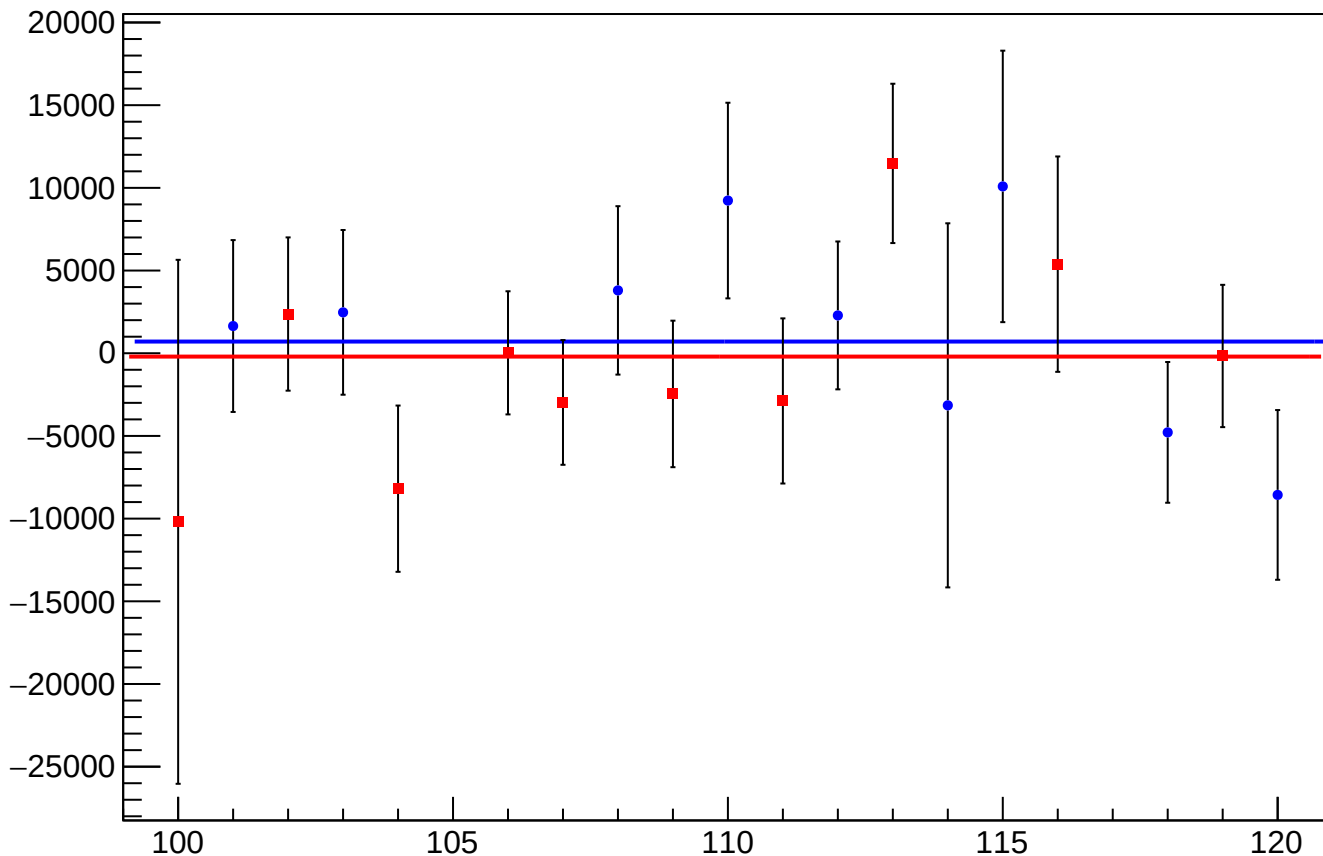
Right: 1332.381+/-0.351 χ^2/NDF : 617414.6/18

In: 1328.042+/-0.508 χ^2/NDF : 482693.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1332.381+/-0.351 χ^2/NDF : 617414.6/18

asym_atl_dd_atr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 706.617+/-1793.660 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -202.496+/-1500.109 χ^2/NDF : 10.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

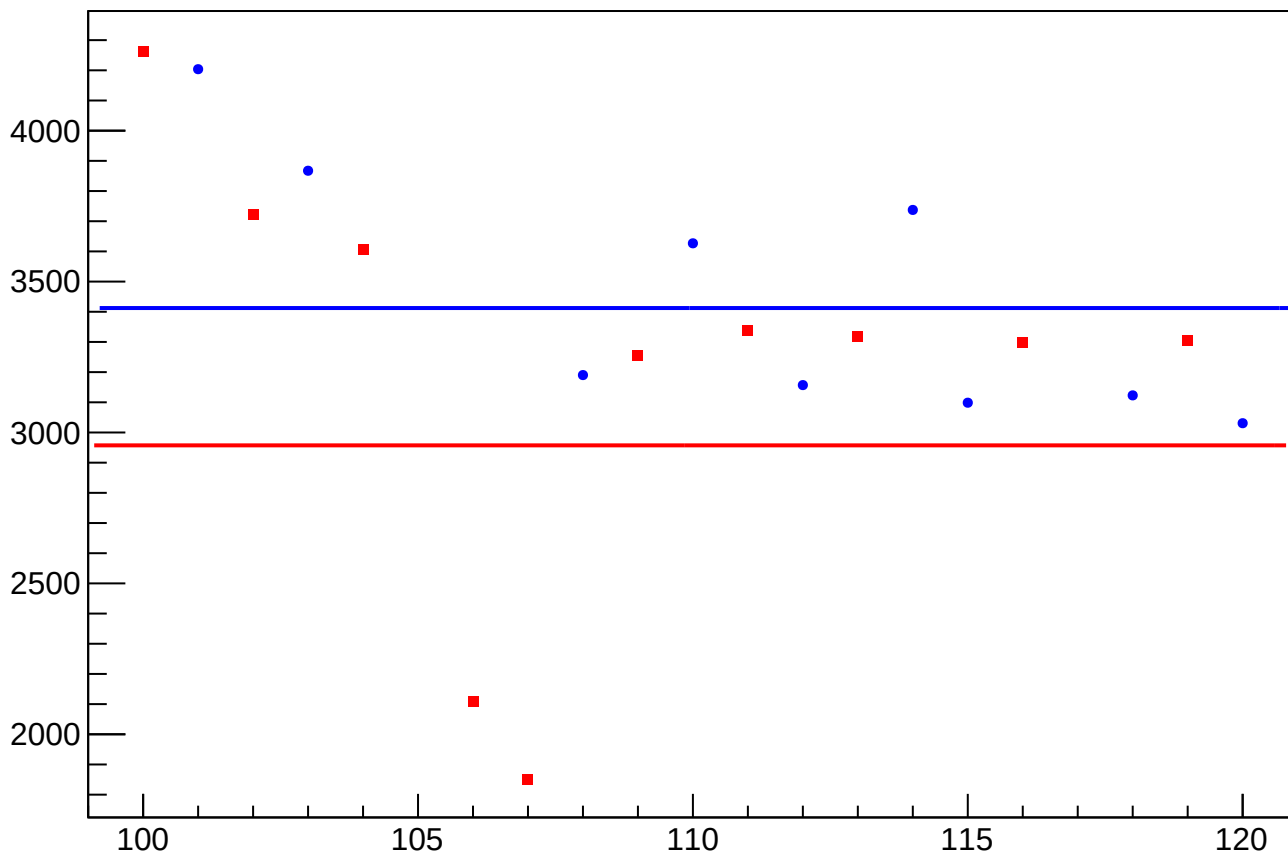
Right: 171.676+/-1150.713 χ^2/NDF : 20.2/18

In: 706.617+/-1793.660 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.676+/-1150.713 χ^2/NDF : 20.2/18

asym_atl_dd_atr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3412.361+/-1.268 χ^2/NDF : 101015.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2957.346+/-1.061 χ^2/NDF : 428864.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

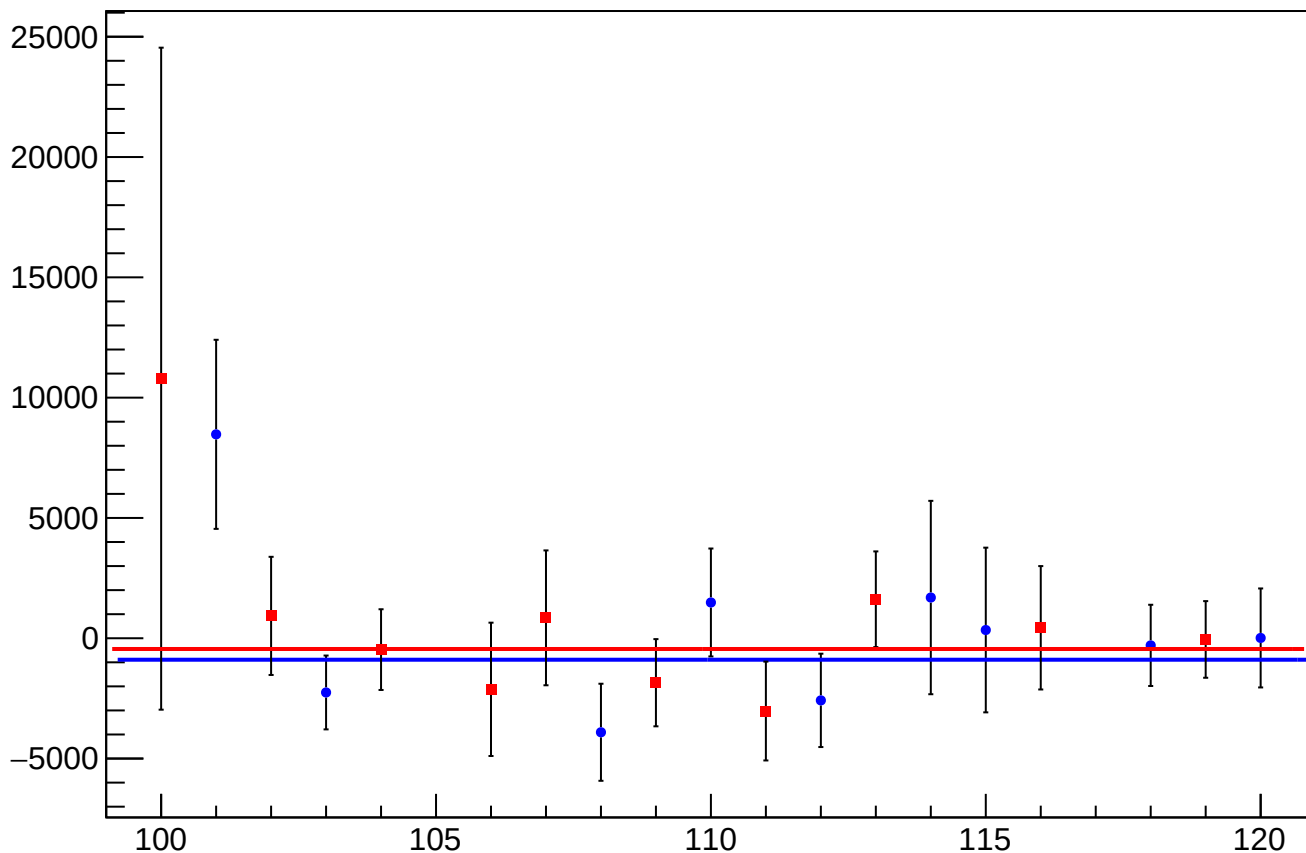
Right: 3144.621+/-0.814 χ^2/NDF : 605613.9/18

In: 3412.361+/-1.268 χ^2/NDF : 101015.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3144.621+/-0.814 χ^2/NDF : 605613.9/18

eigen_dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -892.328+/-718.956 χ^2/NDF : 11.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -446.292+/-685.988 χ^2/NDF : 5.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

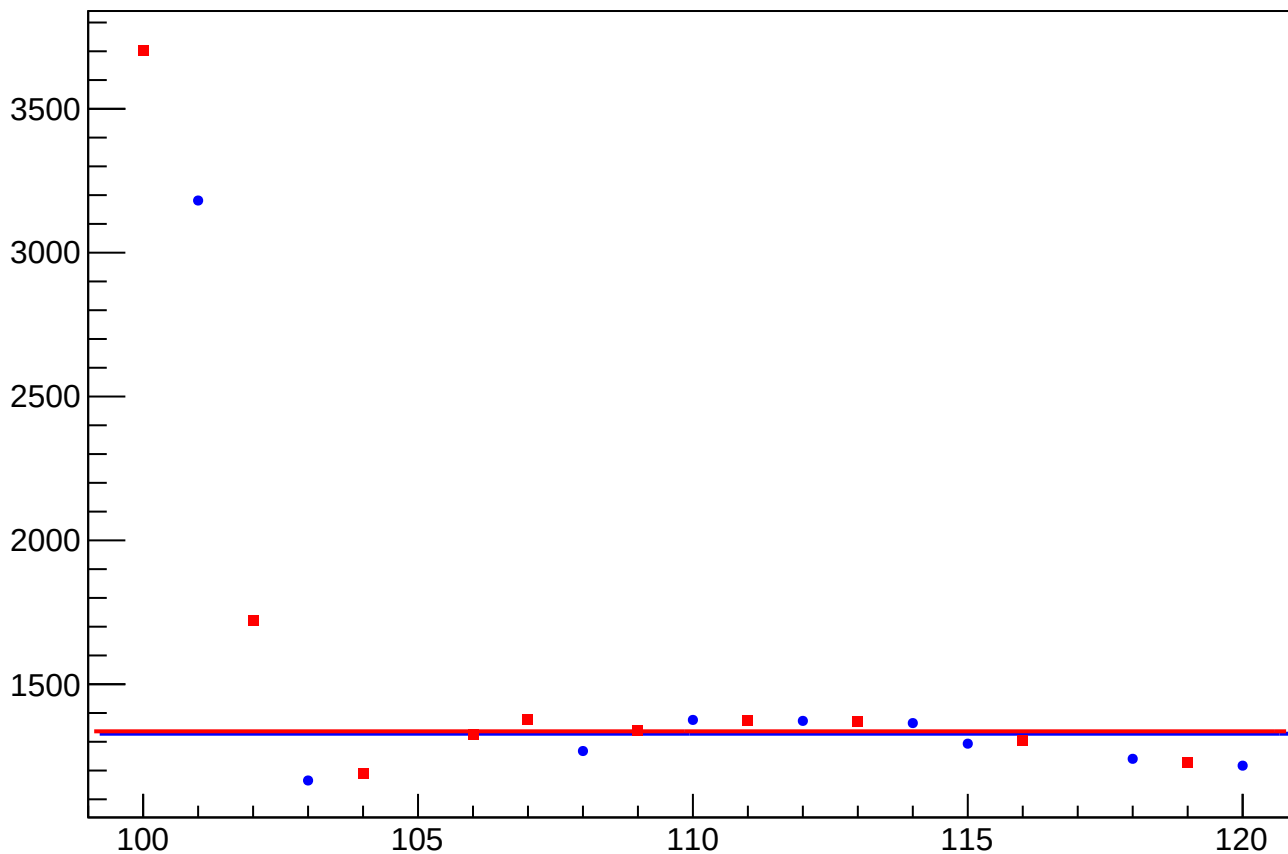
Right: -658.849+/-496.313 χ^2/NDF : 16.7/18

In: -892.328+/-718.956 χ^2/NDF : 11.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -658.849+/-496.313 χ^2/NDF : 16.7/18

eigen_dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1328.042+/-0.508 χ^2/NDF : 482693.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1336.319+/-0.484 χ^2/NDF : 134582.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

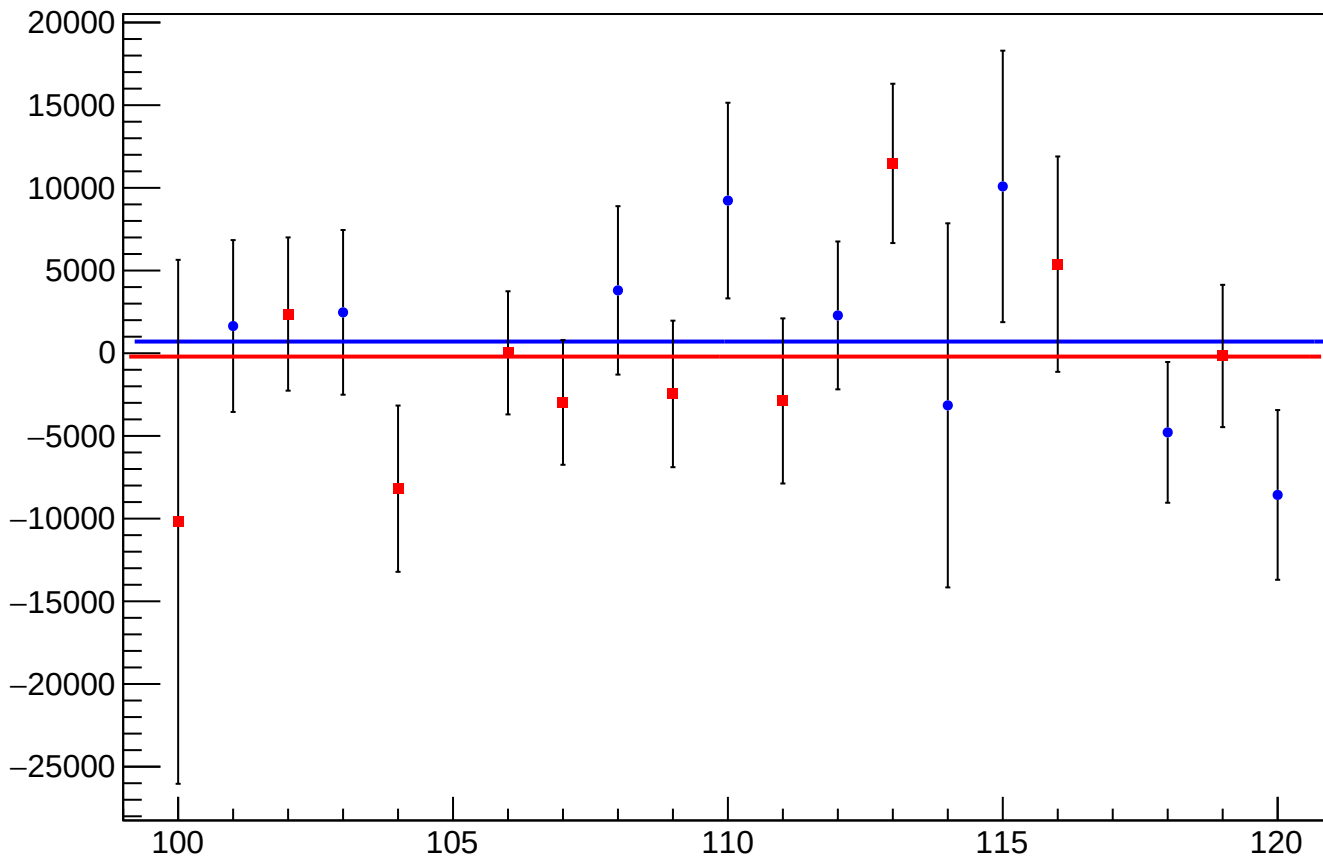
Right: 1332.381+/-0.351 χ^2/NDF : 617414.6/18

In: 1328.042+/-0.508 χ^2/NDF : 482693.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1332.381+/-0.351 χ^2/NDF : 617414.6/18

asym_atl_dd_atr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 706.609+/-1793.656 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -202.501+/-1500.106 χ^2/NDF : 10.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

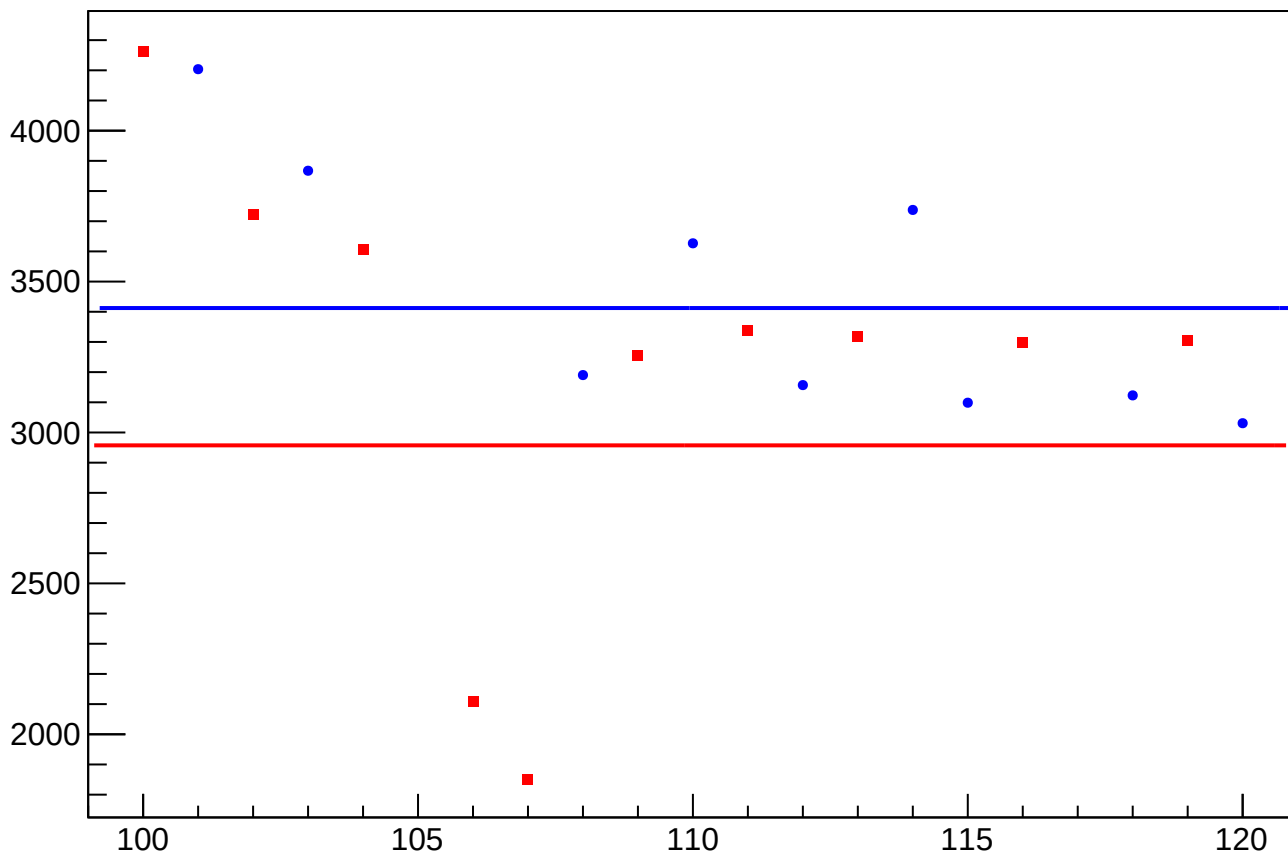
Right: 171.670+/-1150.710 χ^2/NDF : 20.2/18

In: 706.609+/-1793.656 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.670+/-1150.710 χ^2/NDF : 20.2/18

asym_atl_dd_atr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3412.351+/-1.268 χ^2/NDF : 101018.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2957.339+/-1.061 χ^2/NDF : 428866.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

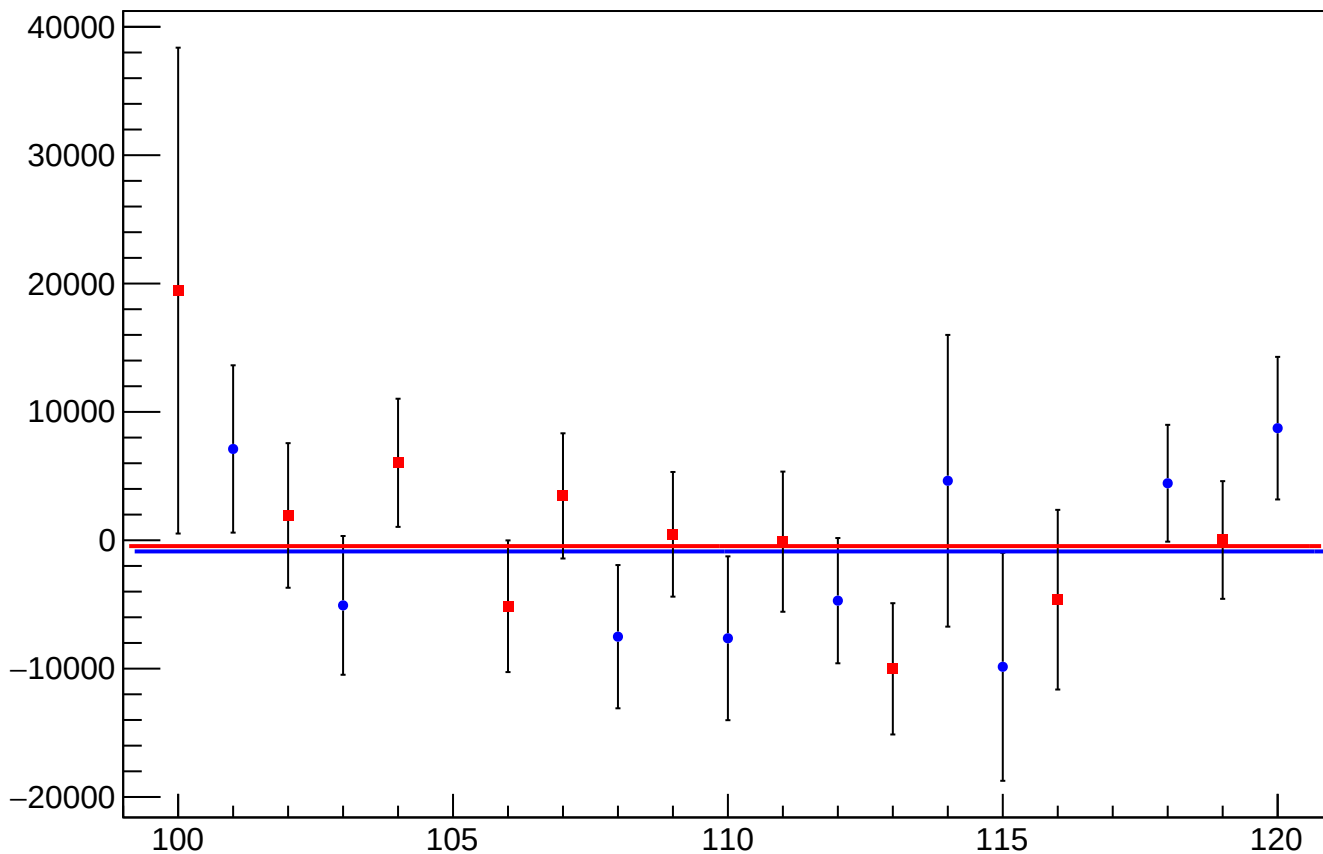
Right: 3144.612+/-0.814 χ^2/NDF : 605617.7/18

In: 3412.351+/-1.268 χ^2/NDF : 101018.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3144.612+/-0.814 χ^2/NDF : 605617.7/18

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -869.265+/-1970.437 χ^2/NDF : 10.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -454.670+/-1723.460 χ^2/NDF : 8.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

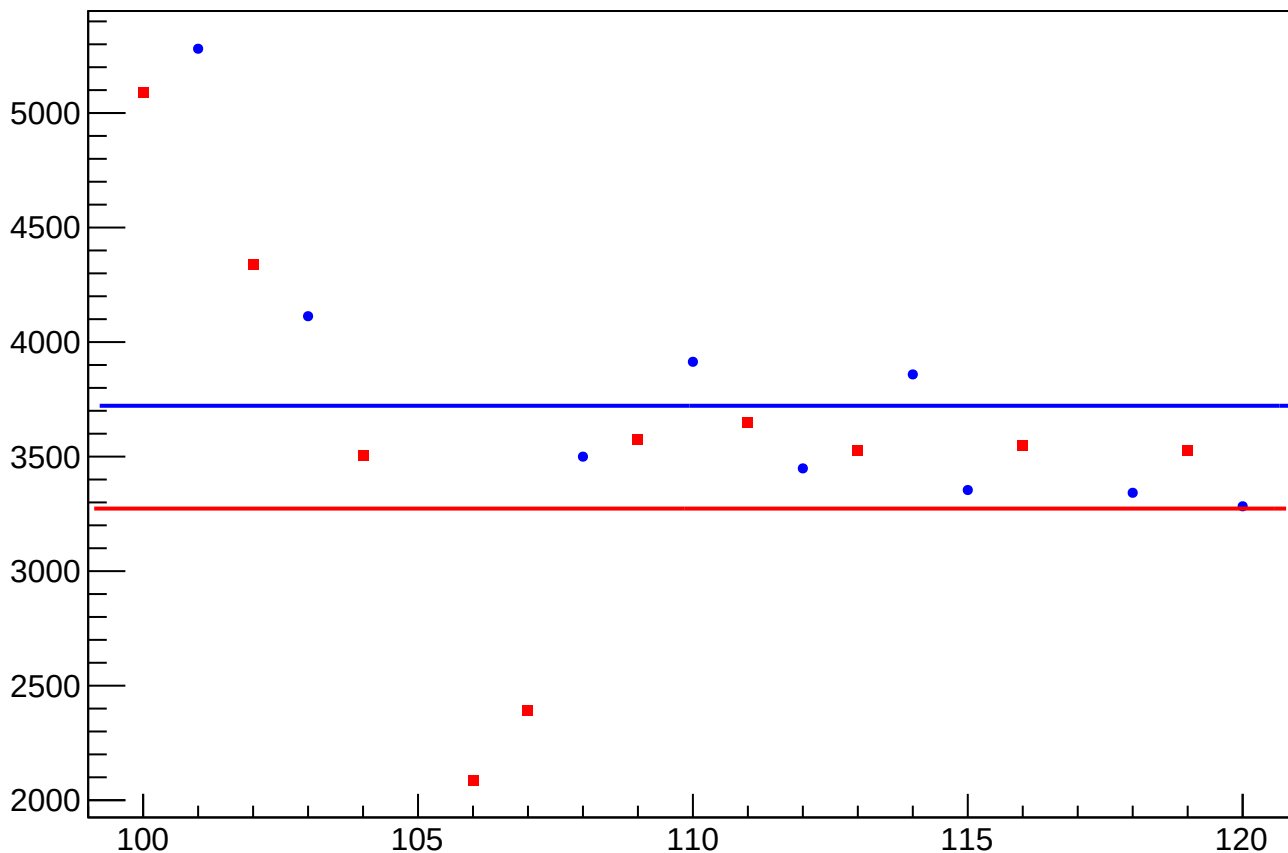
Right: -634.371+/-1297.255 χ^2/NDF : 19.3/18

In: -869.265+/-1970.437 χ^2/NDF : 10.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -634.371+/-1297.255 χ^2/NDF : 19.3/18

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3721.961+/-1.393 χ^2/NDF : 166245.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3273.153+/-1.191 χ^2/NDF : 341083.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

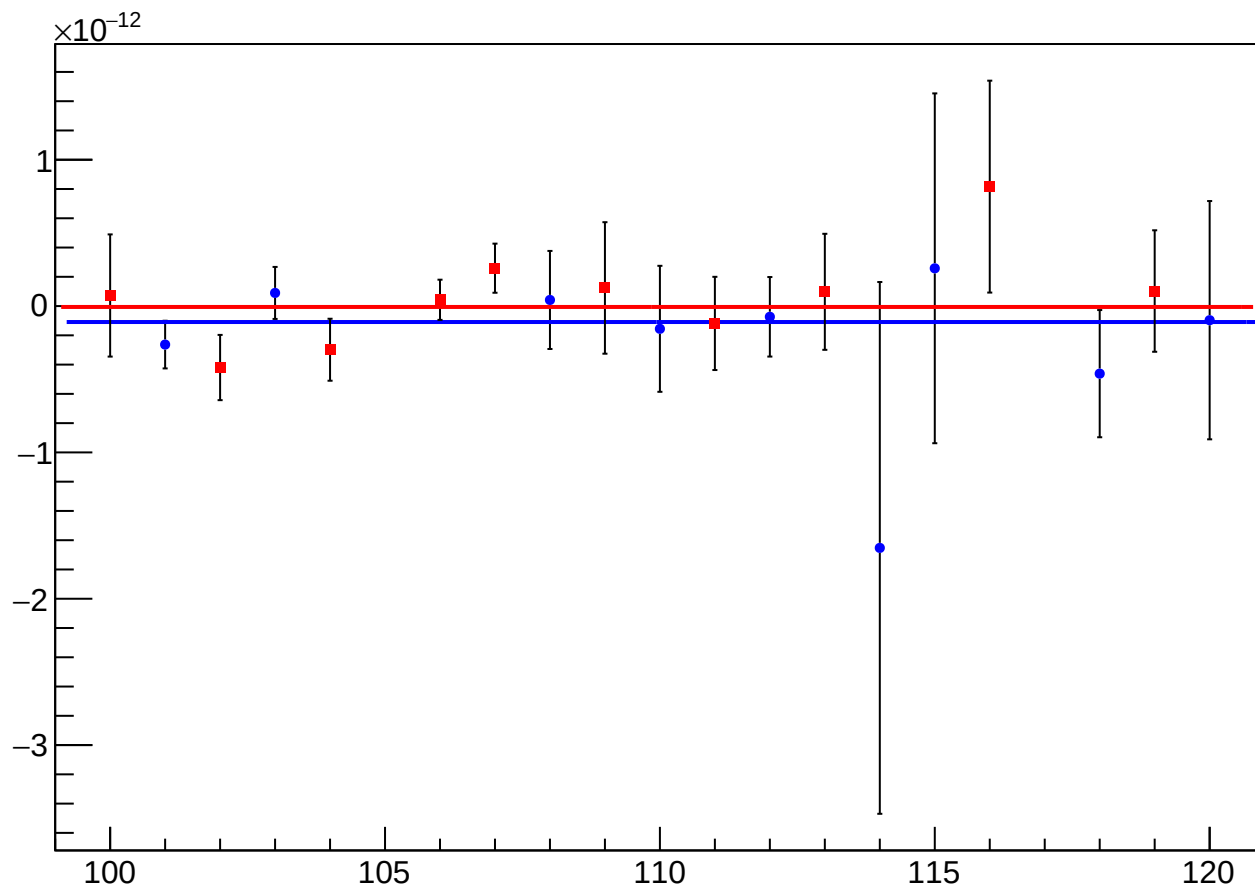
Right: 3462.713+/-0.905 χ^2/NDF : 567266.6/18

In: 3721.961+/-1.393 χ^2/NDF : 166245.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3462.713+/-0.905 χ^2/NDF : 567266.6/18

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

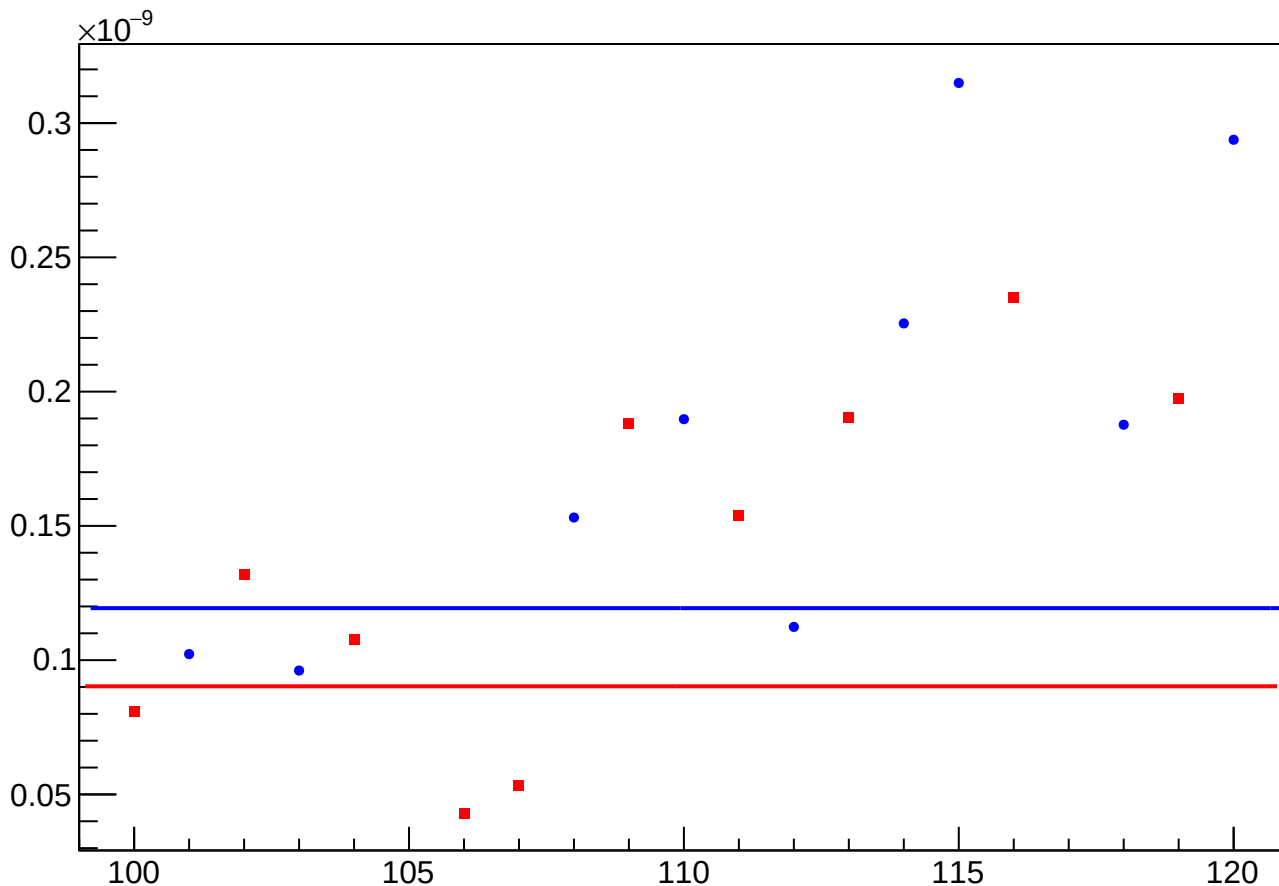
Right: -0.000+/-0.000 χ^2/NDF : 14.2/18

In: -0.000+/-0.000 χ^2/NDF : 3.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.2/18

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 332856.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 934312.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

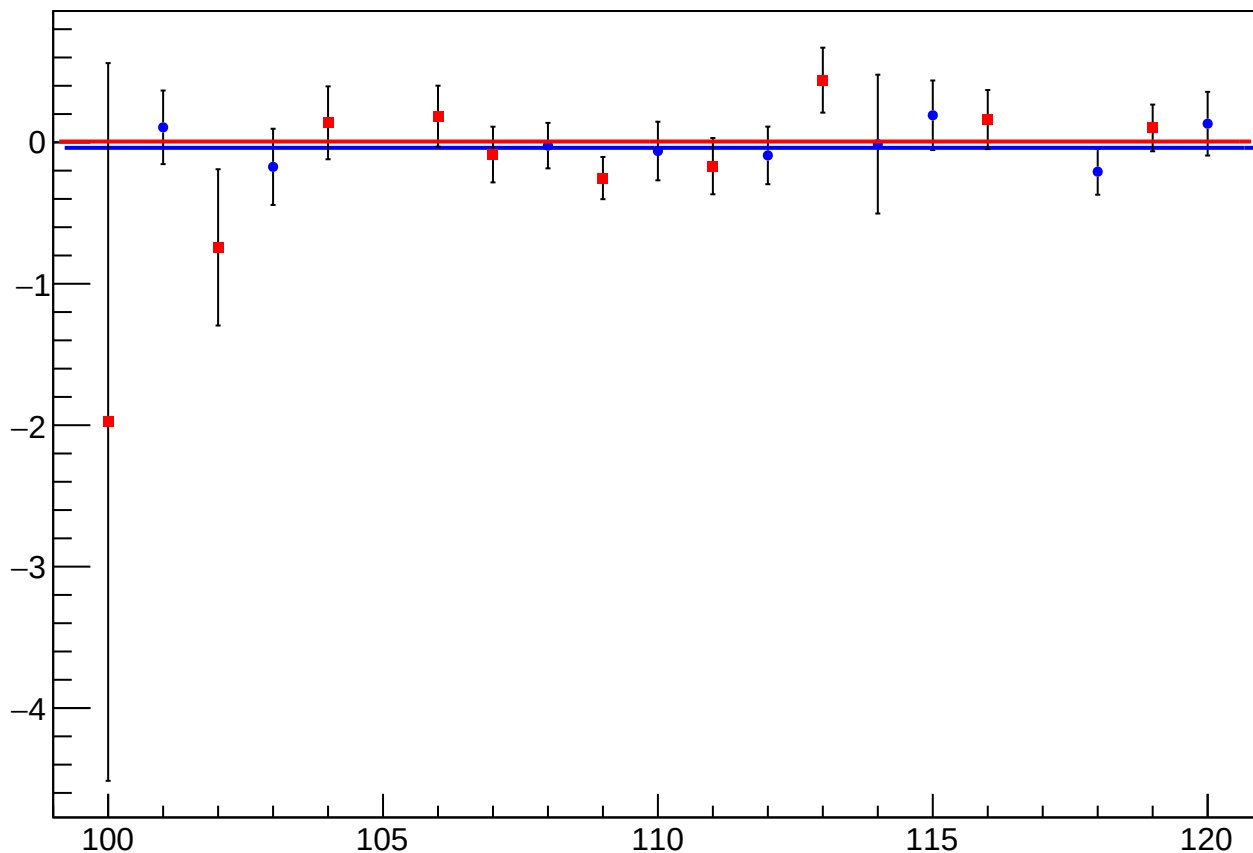
Right: 0.000+/-0.000 χ^2/NDF : 1375985.3/18

In: 0.000+/-0.000 χ^2/NDF : 332856.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1375985.3/18

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.039+/-0.072 χ^2 /NDF: 3.2/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.006+/-0.068 χ^2 /NDF: 11.8/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

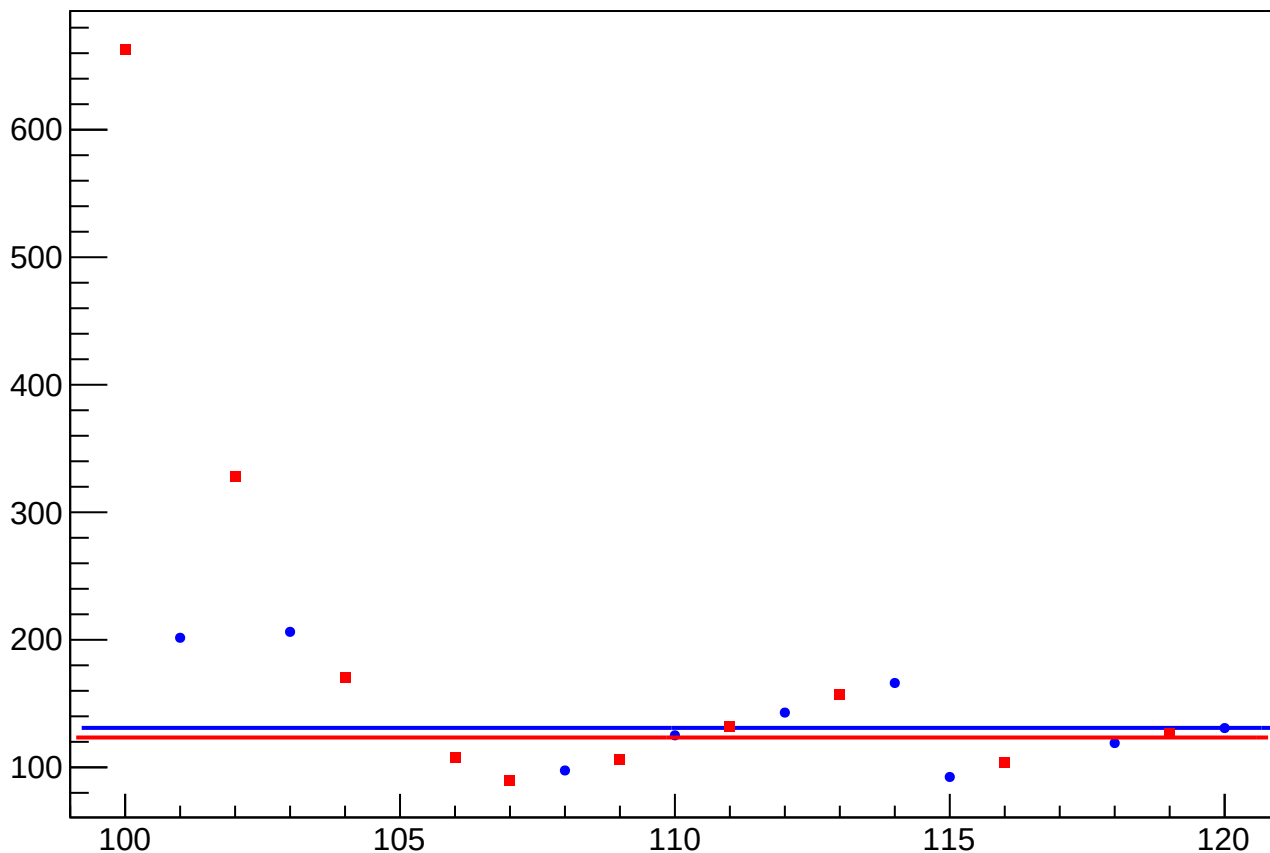
Right: -0.015+/-0.050 χ^2 /NDF: 15.2/18

In: -0.039+/-0.072 χ^2 /NDF:3.2/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.015+/-0.050 χ^2 /NDF: 15.2/18

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.936+/-0.051 χ^2/NDF : 468617.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 123.400+/-0.048 χ^2/NDF : 592734.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

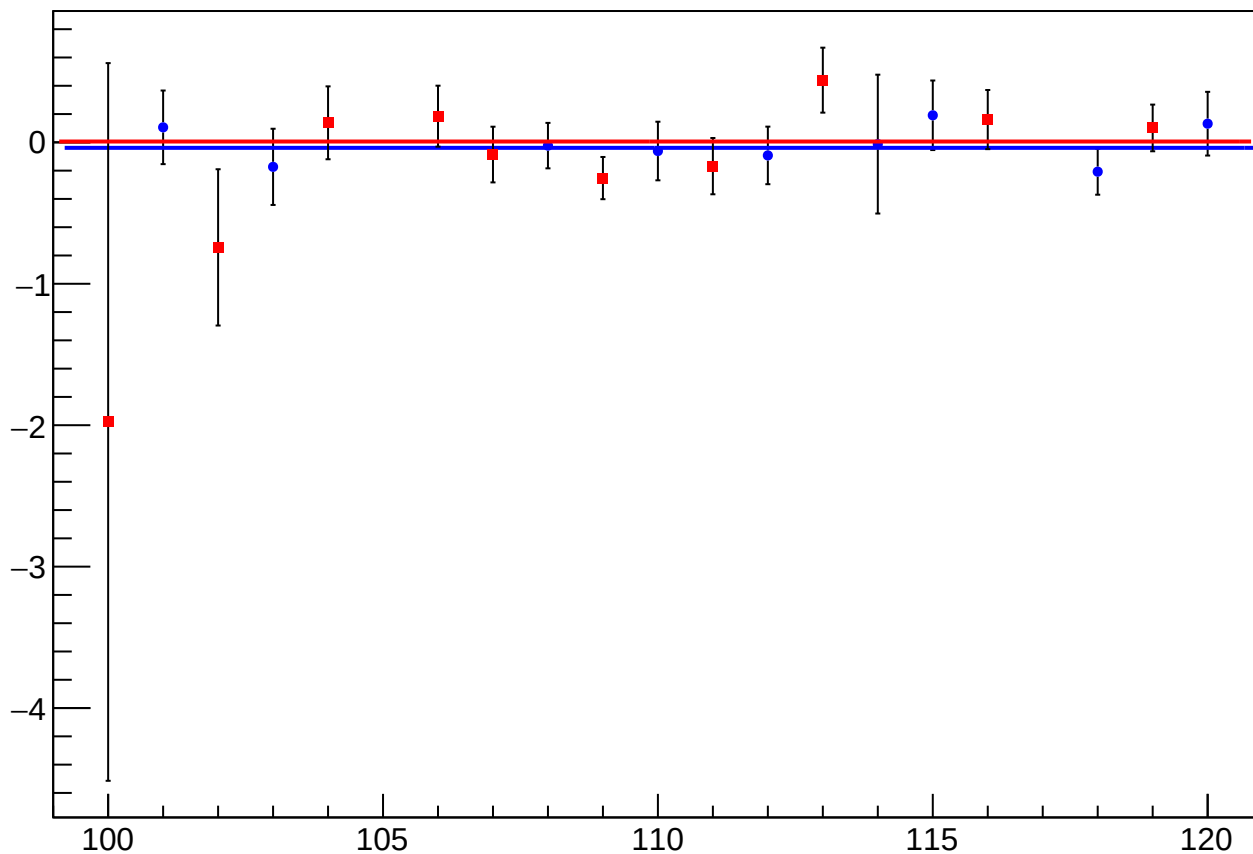
Right: 126.968+/-0.035 χ^2/NDF : 1072884.6/18

In: 130.936+/-0.051 χ^2/NDF :468617.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 126.968+/-0.035 χ^2/NDF : 1072884.6/18

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.039+/-0.072 χ^2 /NDF: 3.2/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.006+/-0.068 χ^2 /NDF: 11.8/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

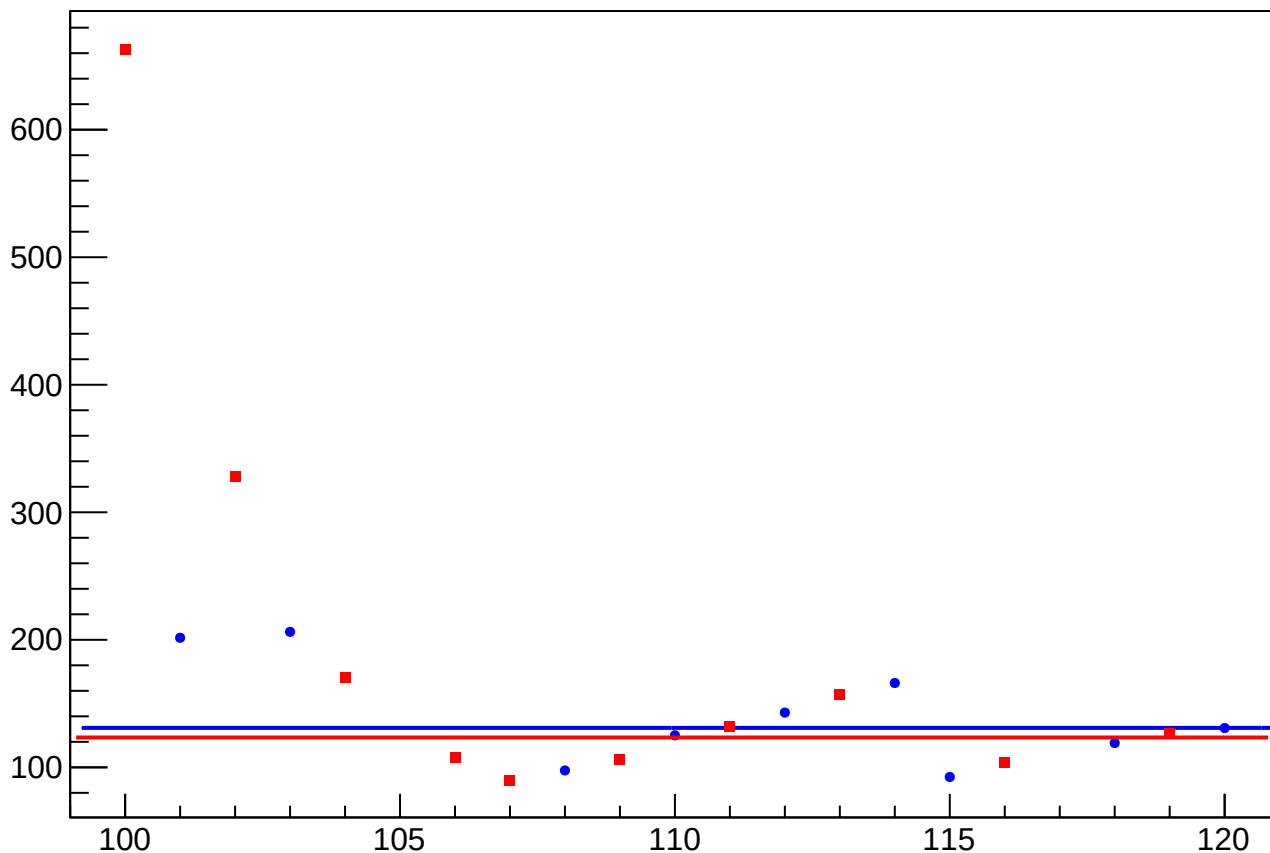
Right: -0.015+/-0.050 χ^2 /NDF: 15.2/18

In: -0.039+/-0.072 χ^2 /NDF:3.2/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.015+/-0.050 χ^2 /NDF: 15.2/18

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.936+/-0.051 χ^2/NDF : 468617.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 123.400+/-0.048 χ^2/NDF : 592734.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

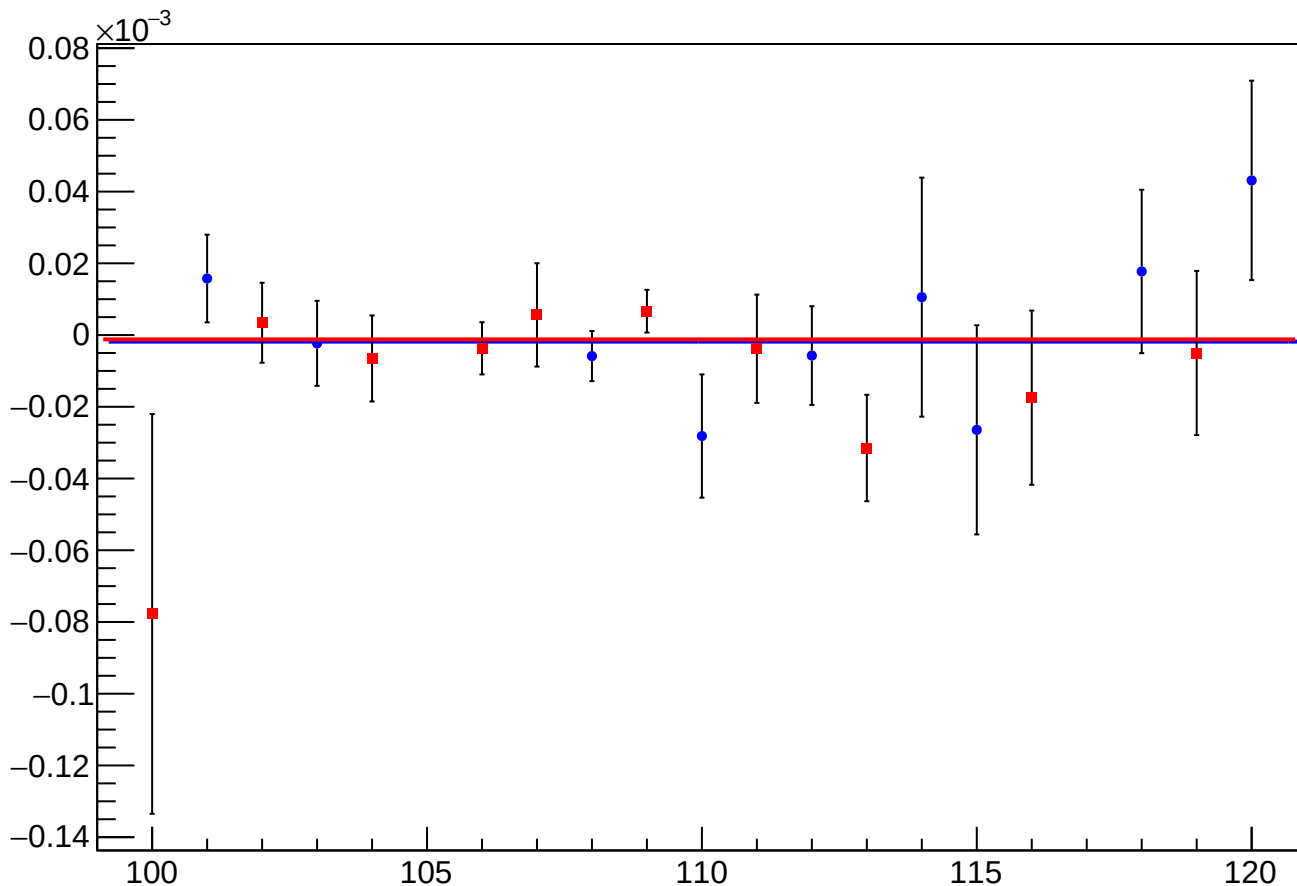
Right: 126.968+/-0.035 χ^2/NDF : 1072884.6/18

In: 130.936+/-0.051 χ^2/NDF :468617.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 126.968+/-0.035 χ^2/NDF : 1072884.6/18

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 : 9.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

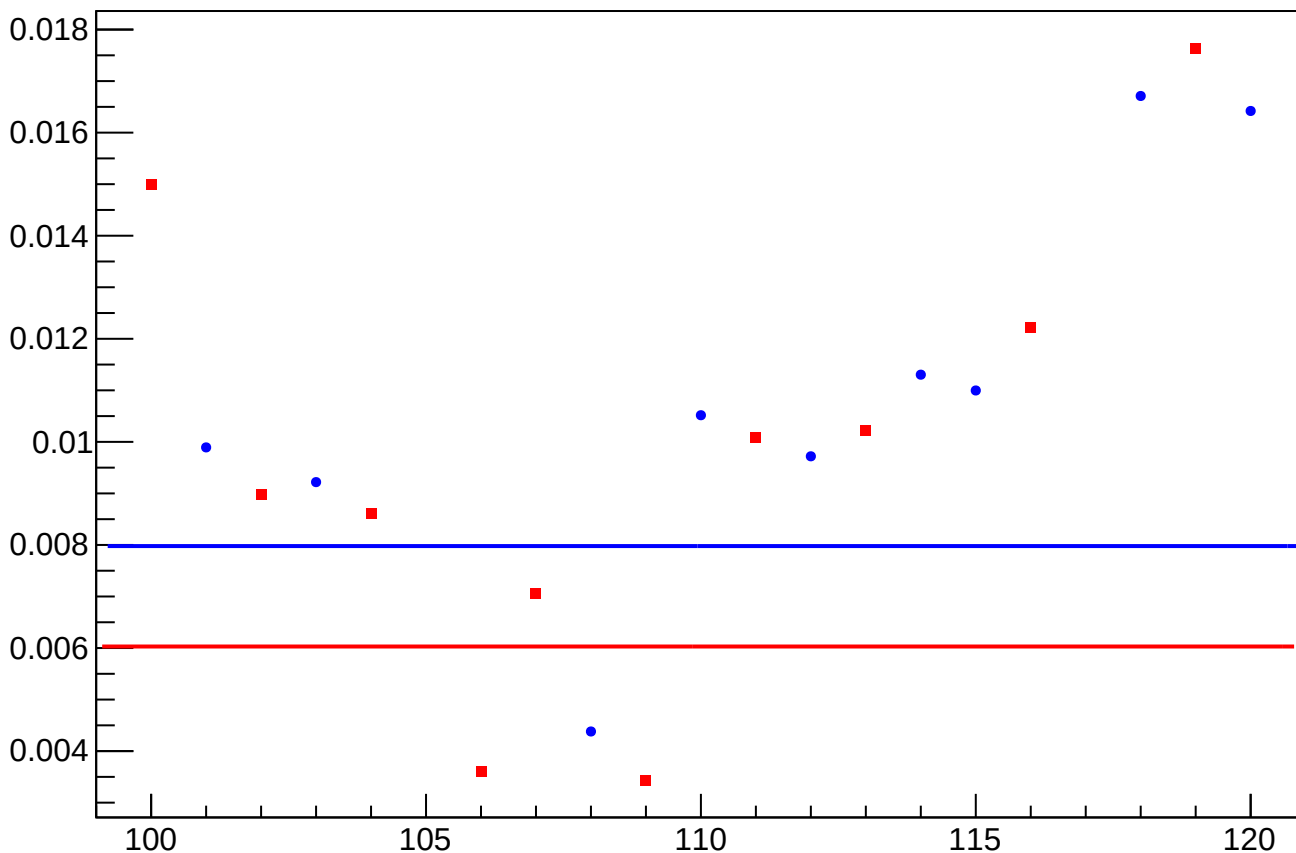
Right: -0.000+/-0.000 χ^2/NDF : 18.1/18

In: -0.000+/-0.000 χ^2/NDF :9.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.1/18

asym_atl_dd_atr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 1197031.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1845685.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

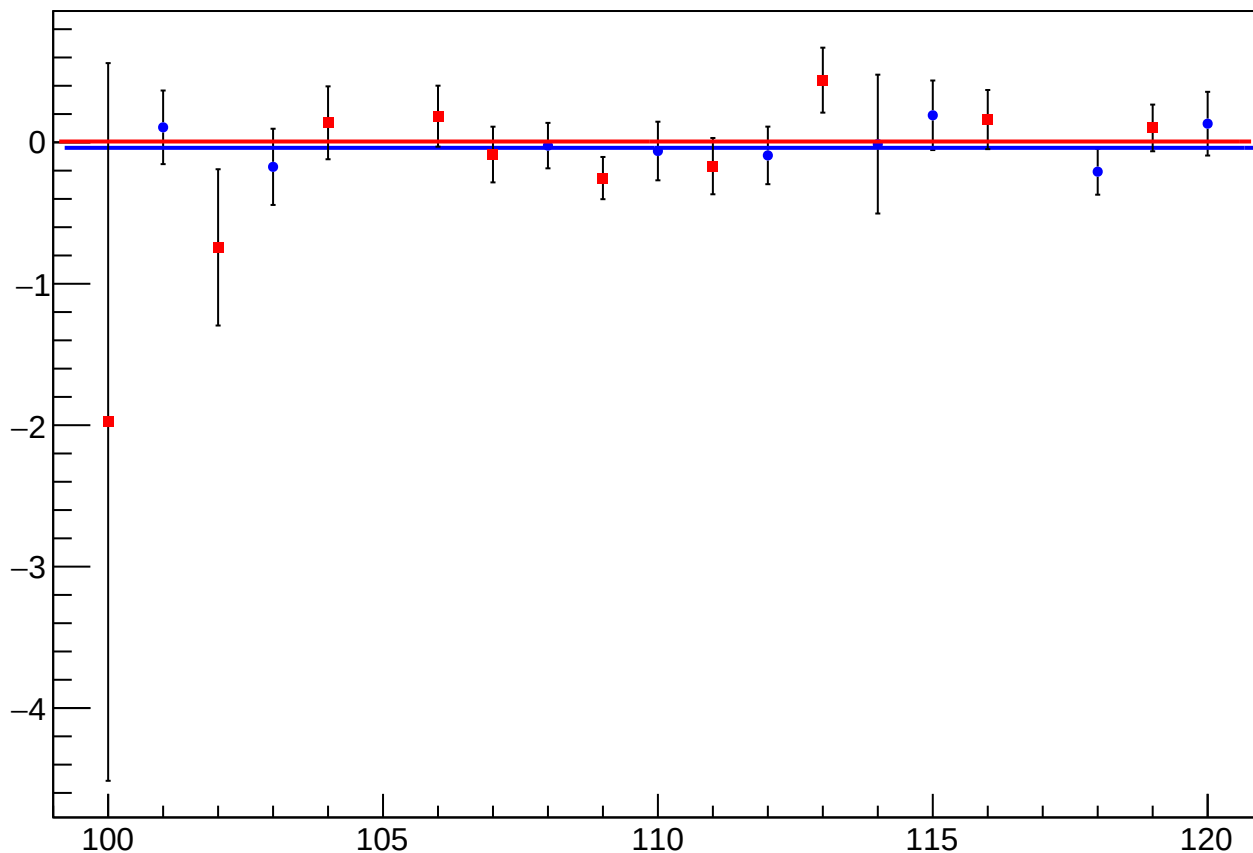
Right: 0.007+/-0.000 χ^2/NDF : 3271119.4/18

In: 0.008+/-0.000 χ^2/NDF : 1197031.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 3271119.4/18

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.039+/-0.072 χ^2/NDF : 3.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.068 χ^2/NDF : 11.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

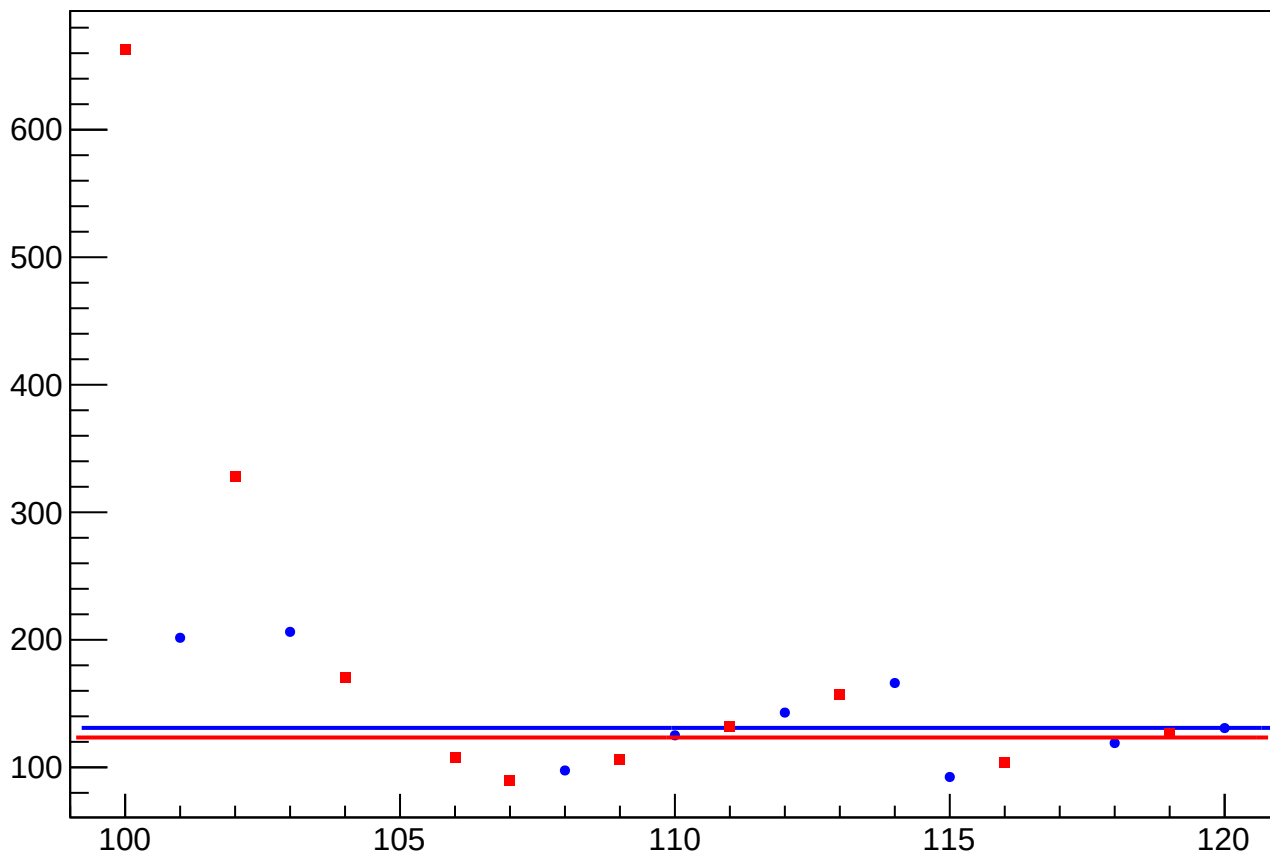
Right: -0.015+/-0.050 χ^2/NDF : 15.2/18

In: -0.039+/-0.072 χ^2/NDF :3.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.015+/-0.050 χ^2/NDF : 15.2/18

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.936+/-0.051 χ^2/NDF : 468585.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 123.403+/-0.048 χ^2/NDF : 592687.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

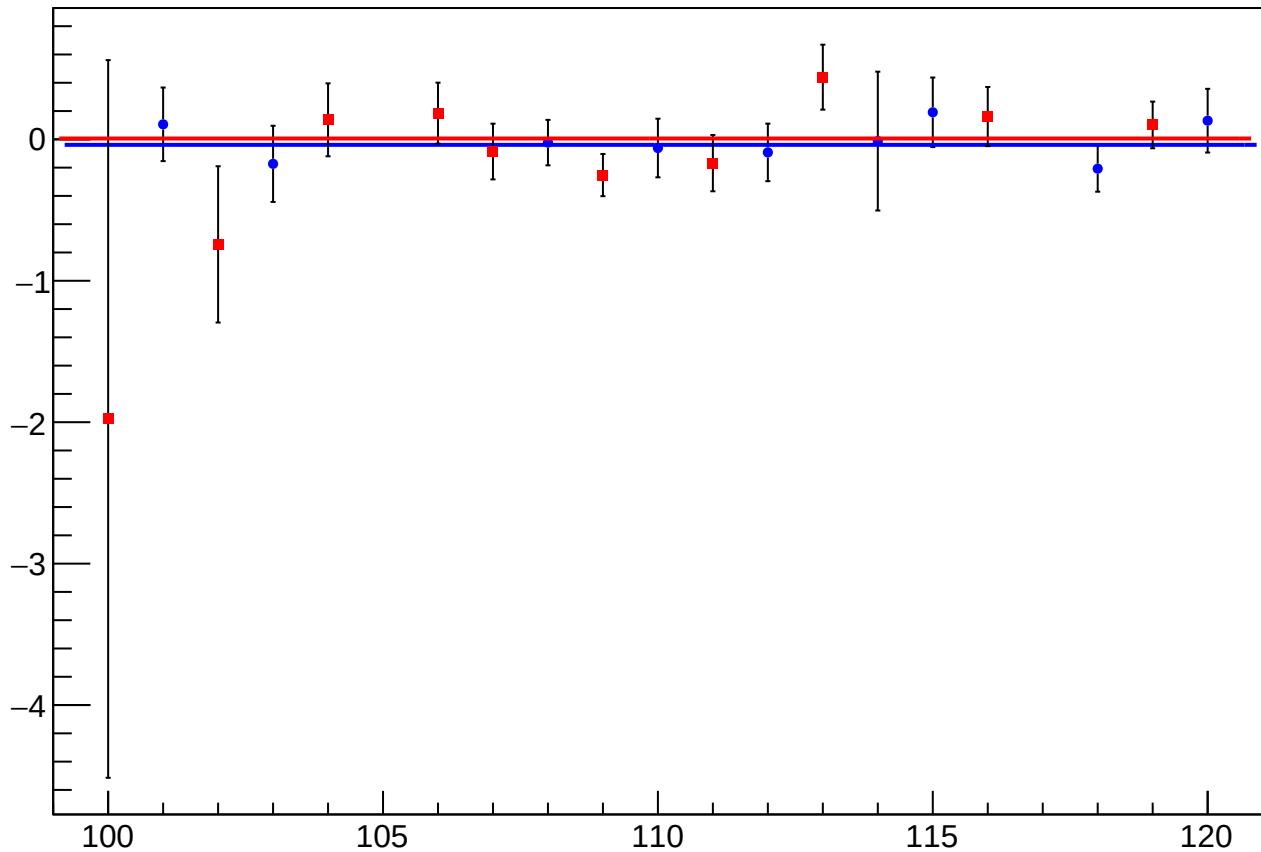
Right: 126.969+/-0.035 χ^2/NDF : 1072799.5/18

In: 130.936+/-0.051 χ^2/NDF :468585.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 126.969+/-0.035 χ^2/NDF : 1072799.5/18

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.039 ± 0.072 χ^2/NDF : 3.2/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.006 ± 0.068 χ^2/NDF : 11.8/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

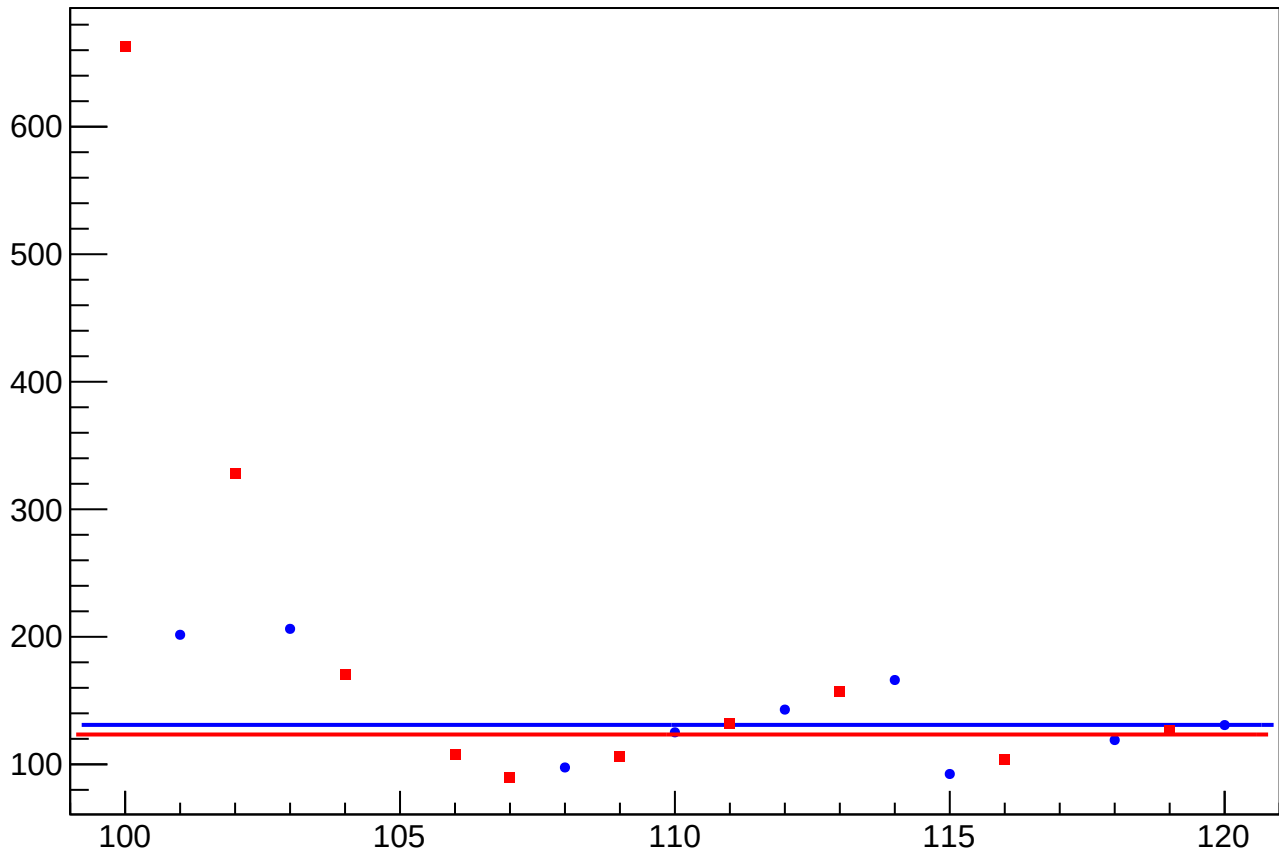
Right: -0.015 ± 0.050 χ^2/NDF : 15.2/18

In: -0.039 ± 0.072 χ^2/NDF : 3.2/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.015 ± 0.050 χ^2/NDF : 15.2/18

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.936+/-0.051 χ^2/NDF : 468585.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 123.403+/-0.048 χ^2/NDF : 592687.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

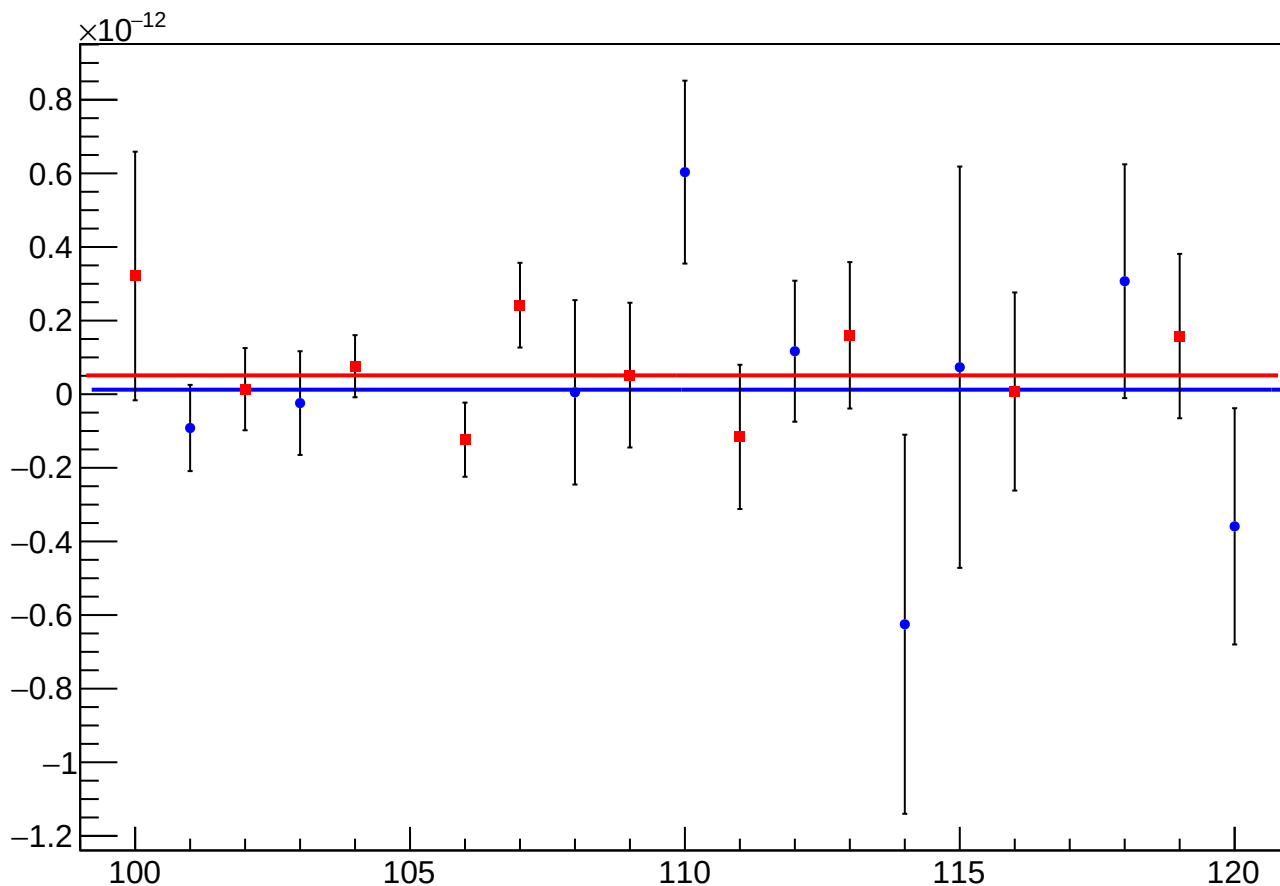
Right: 126.969+/-0.035 χ^2/NDF : 1072799.5/18

In: 130.936+/-0.051 χ^2/NDF :468585.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 126.969+/-0.035 χ^2/NDF : 1072799.5/18

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 : 10.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

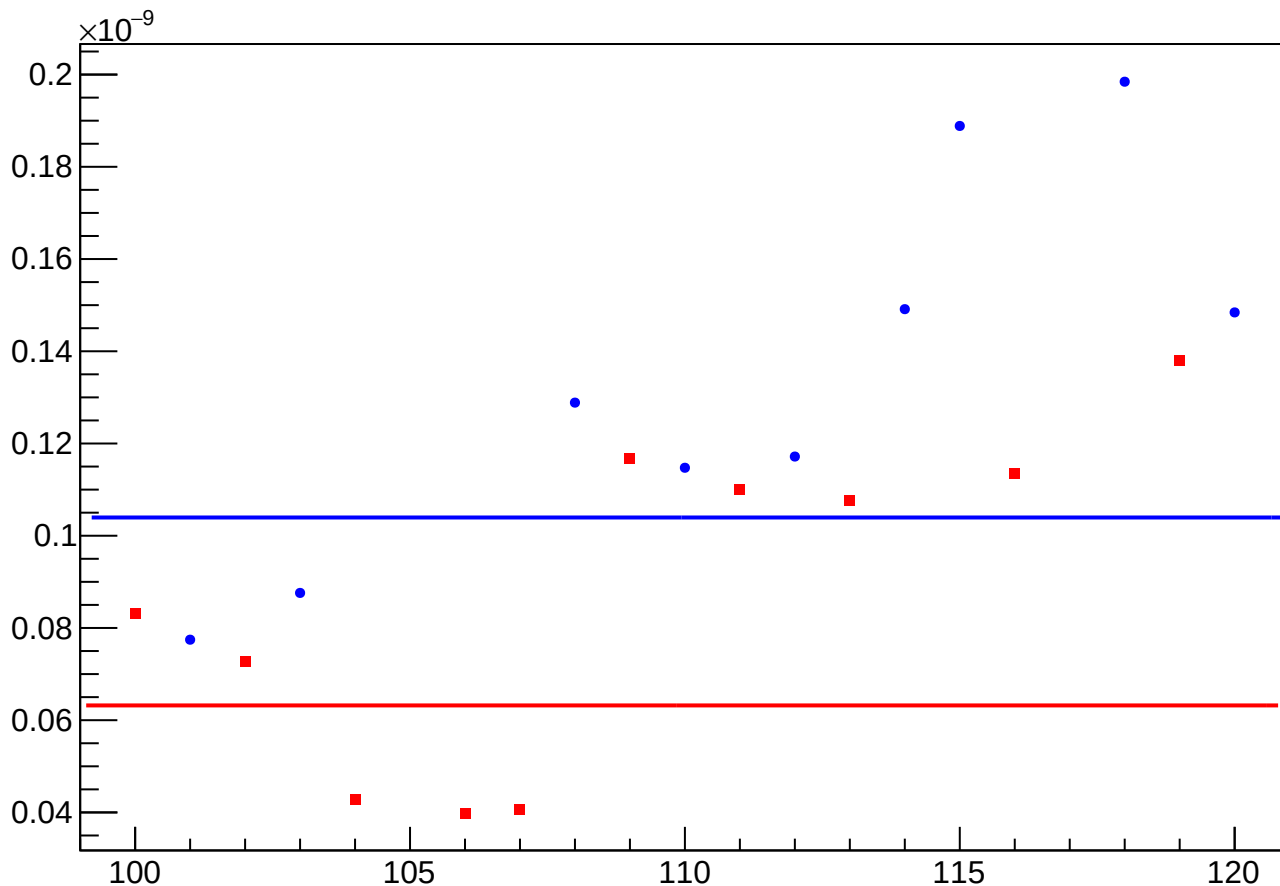
Right: 0.000+/-0.000 χ^2/NDF : 18.7/18

In: 0.000+/-0.000 χ^2/NDF : 10.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.7/18

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 : 441662.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 979192.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

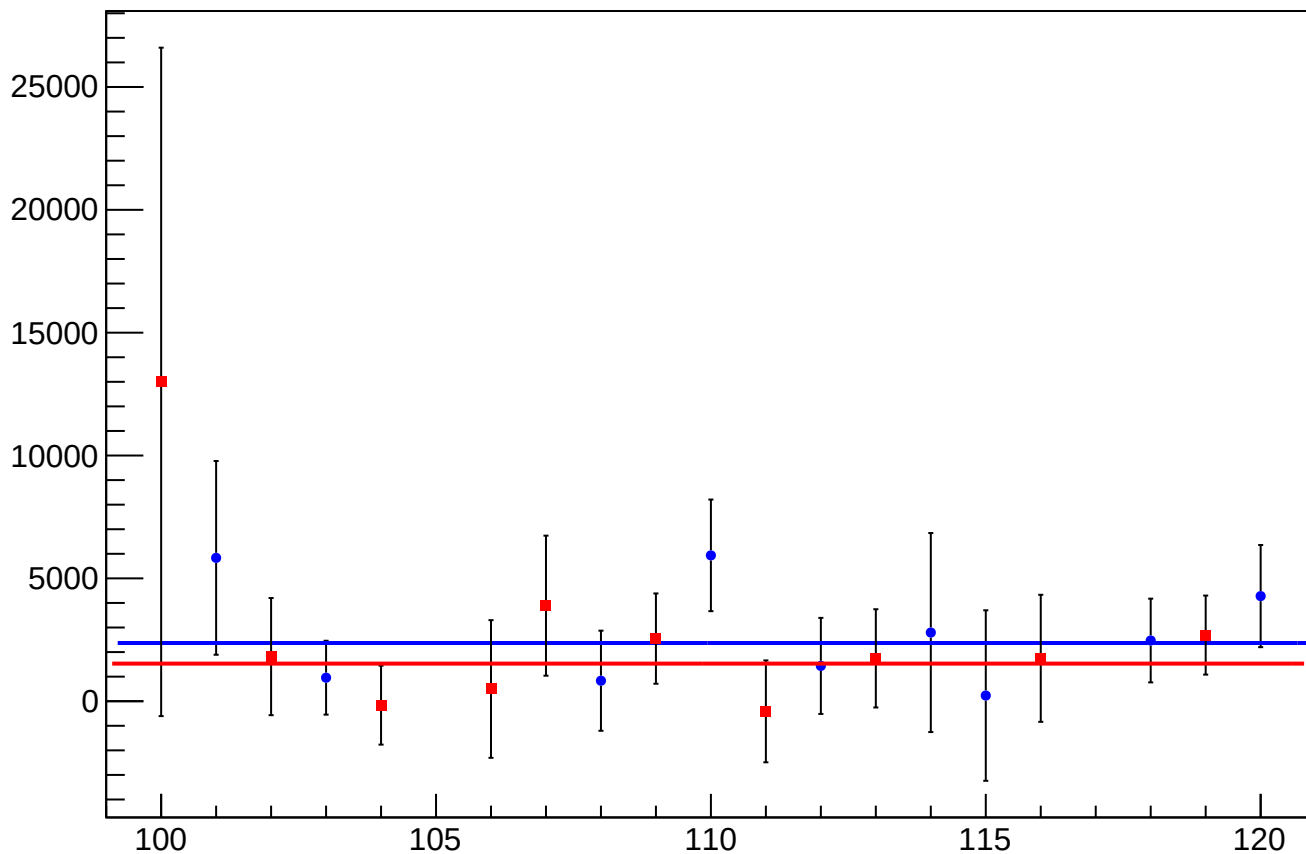
Right: 0.000+/-0.000 χ^2/NDF : 1915202.8/18

In: 0.000+/-0.000 χ^2/NDF : 441662.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1915202.8/18

reg_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2369.742+/-721.158 χ^2/NDF : 6.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1530.967+/-684.559 χ^2/NDF : 4.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

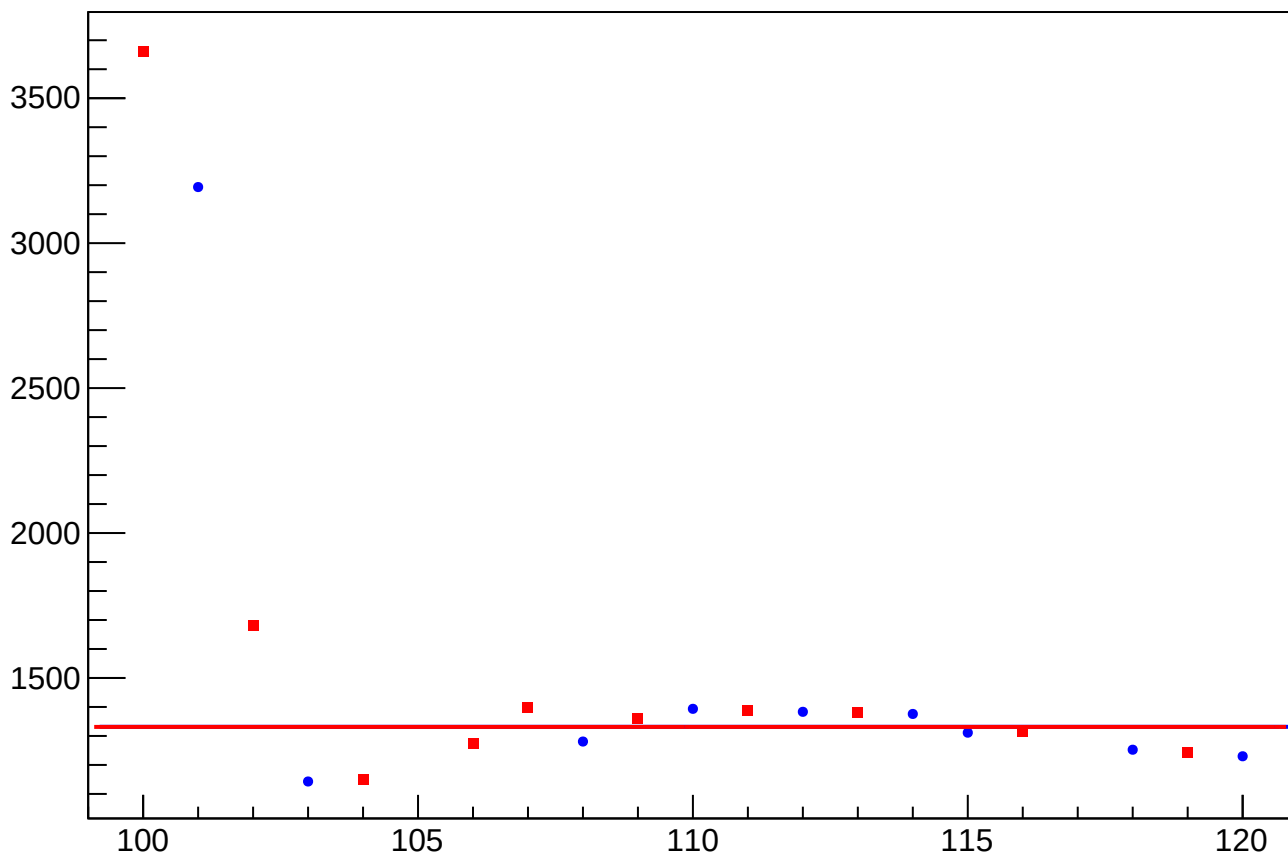
Right: 1928.531+/-496.491 χ^2/NDF : 11.2/18

In: 2369.742+/-721.158 χ^2/NDF : 6.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1928.531+/-496.491 χ^2/NDF : 11.2/18

reg_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1331.499+/-0.510 χ^2/NDF : 490911.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1331.184+/-0.482 χ^2/NDF : 138278.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

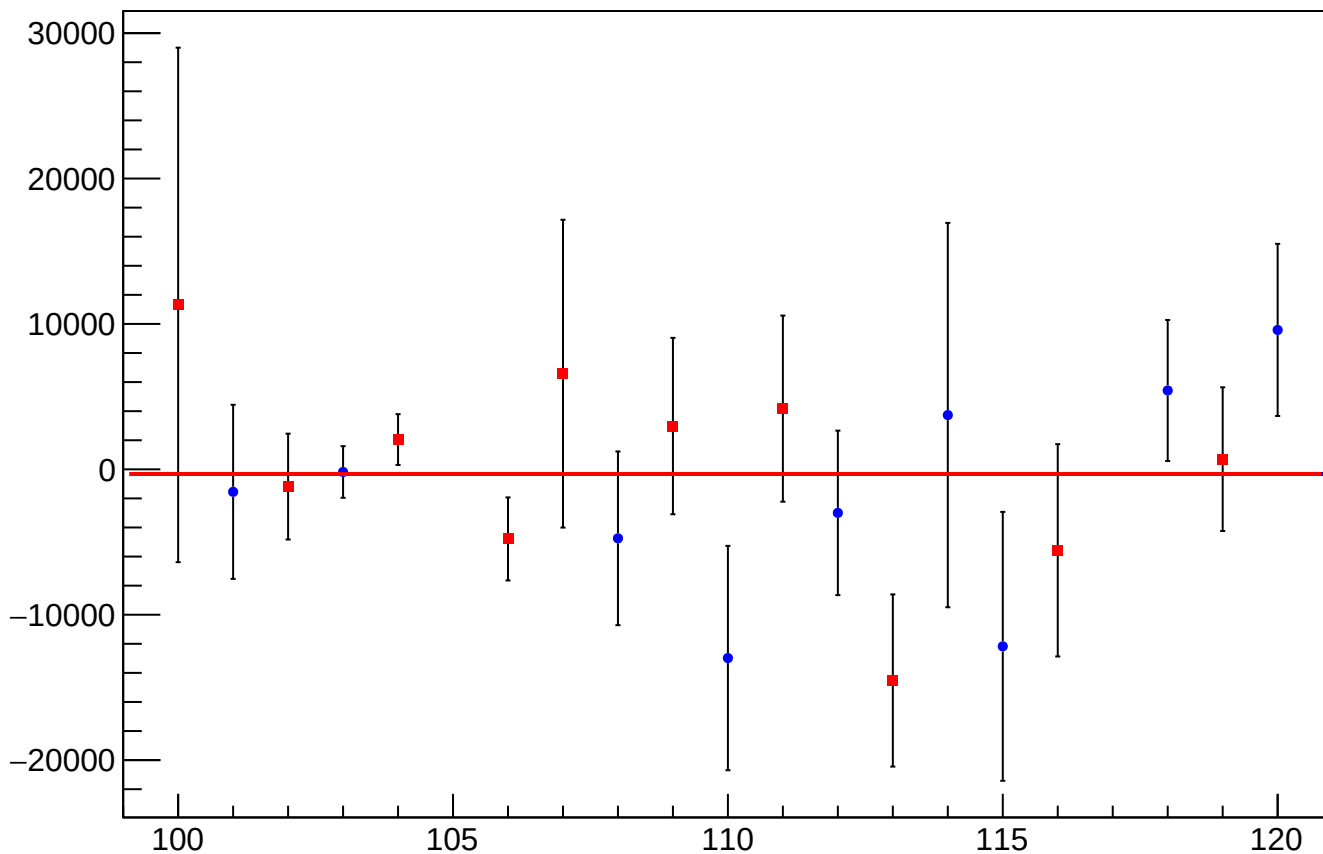
Right: 1331.332+/-0.350 χ^2/NDF : 629189.9/18

In: 1331.499+/-0.510 χ^2/NDF : 490911.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1331.332+/-0.350 χ^2/NDF : 629189.9/18

asym_atl_avg_atr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -318.792+/-1400.680 χ^2/NDF : 9.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -320.440+/-1214.441 χ^2/NDF : 12.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

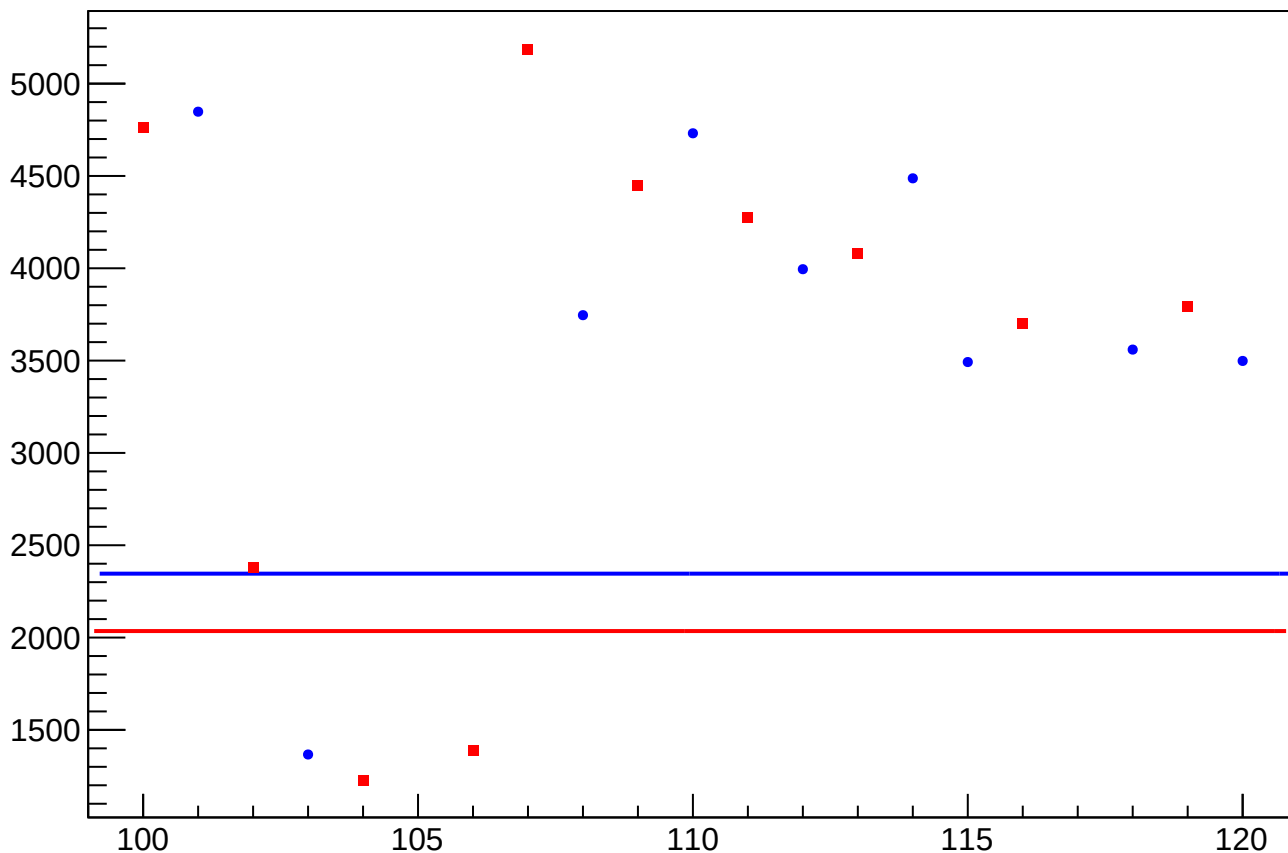
Right: -319.733+/-917.572 χ^2/NDF : 21.8/18

In: -318.792+/-1400.680 χ^2/NDF : 9.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -319.733+/-917.572 χ^2/NDF : 21.8/18

asym_atl_avg_atr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2346.127+/-0.990 χ^2/NDF : 1712947.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2035.248+/-0.859 χ^2/NDF : 1933625.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

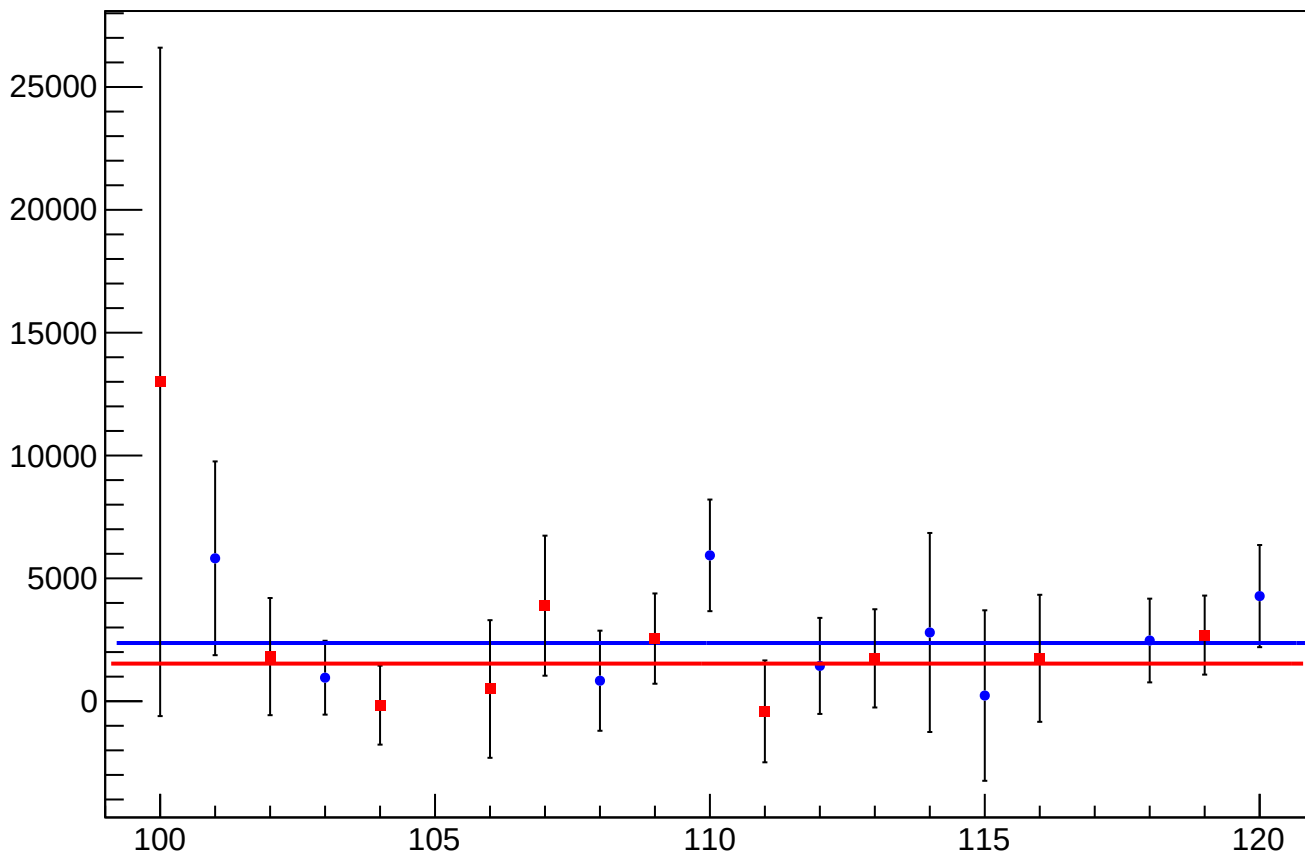
Right: 2168.660+/-0.649 χ^2/NDF : 3702815.0/18

In: 2346.127+/-0.990 χ^2/NDF : 1712947.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2168.660+/-0.649 χ^2/NDF : 3702815.0/18

cor_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2369.294+/-721.159 χ^2/NDF : 6.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1530.623+/-684.559 χ^2/NDF : 4.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

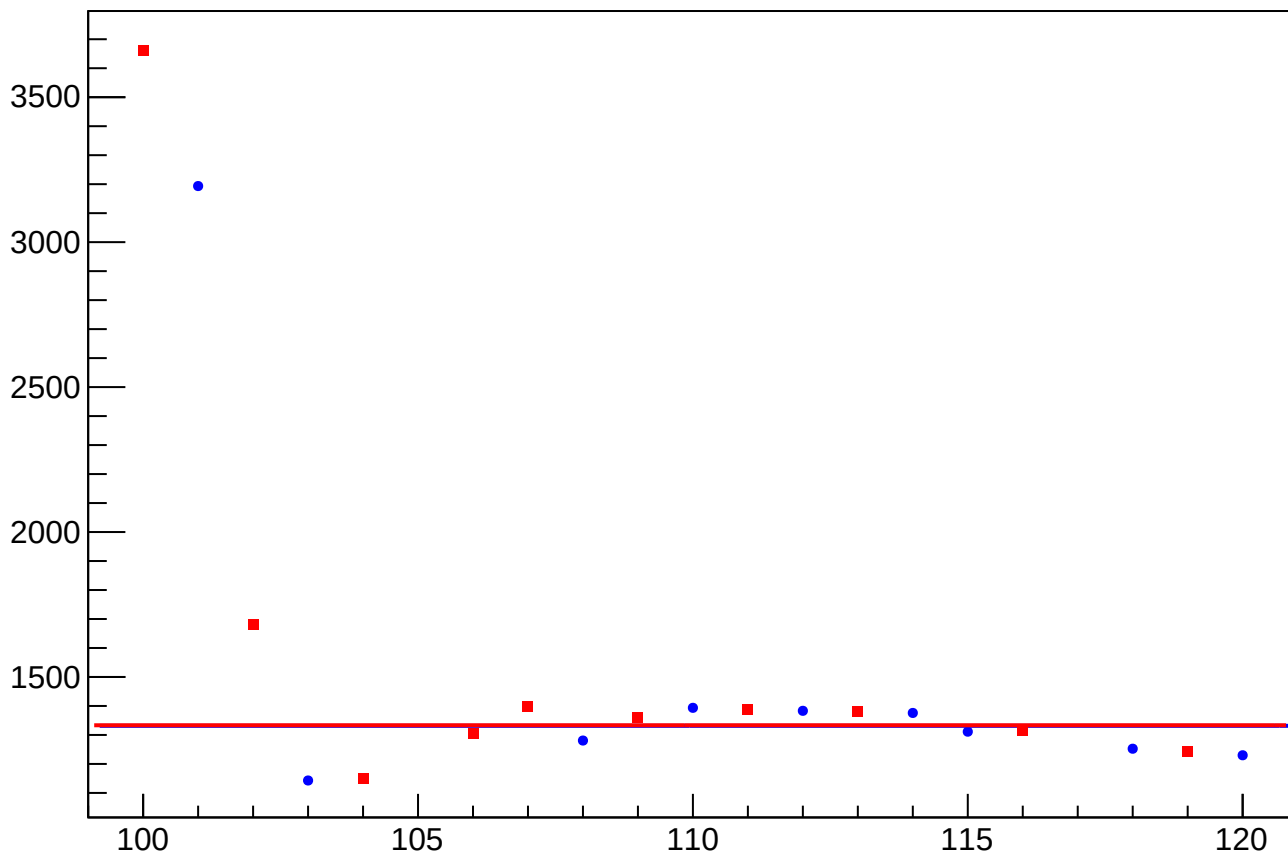
Right: 1928.137+/-496.491 χ^2/NDF : 11.2/18

In: 2369.294+/-721.159 χ^2/NDF : 6.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1928.137+/-496.491 χ^2/NDF : 11.2/18

cor_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1331.498+/-0.510 χ^2/NDF : 490912.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1333.385+/-0.482 χ^2/NDF : 137490.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

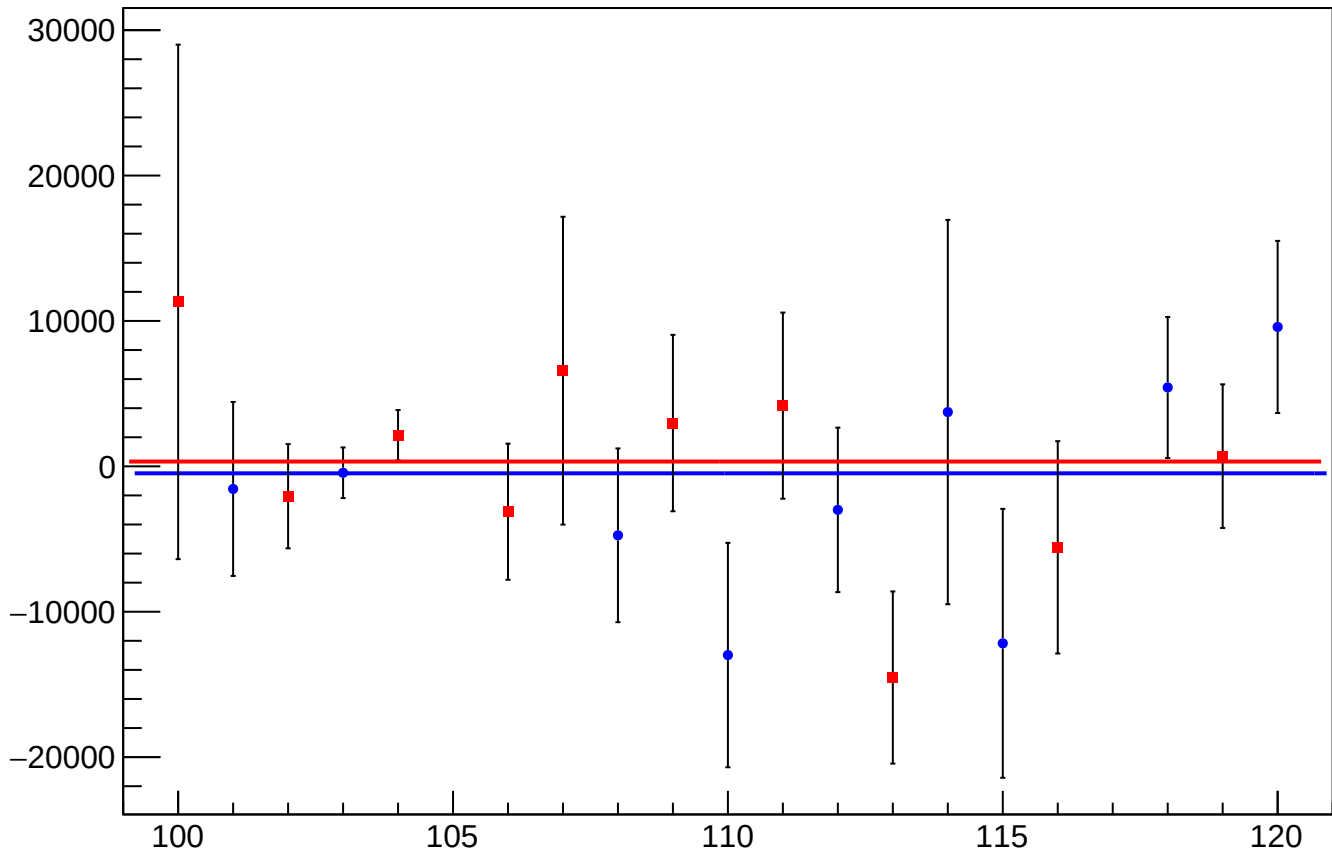
Right: 1332.494+/-0.350 χ^2/NDF : 628410.3/18

In: 1331.498+/-0.510 χ^2/NDF : 490912.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1332.494+/-0.350 χ^2/NDF : 628410.3/18

asym_atl_avg_atr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -480.466+/-1383.879 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 329.990+/-1280.809 χ^2/NDF : 10.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

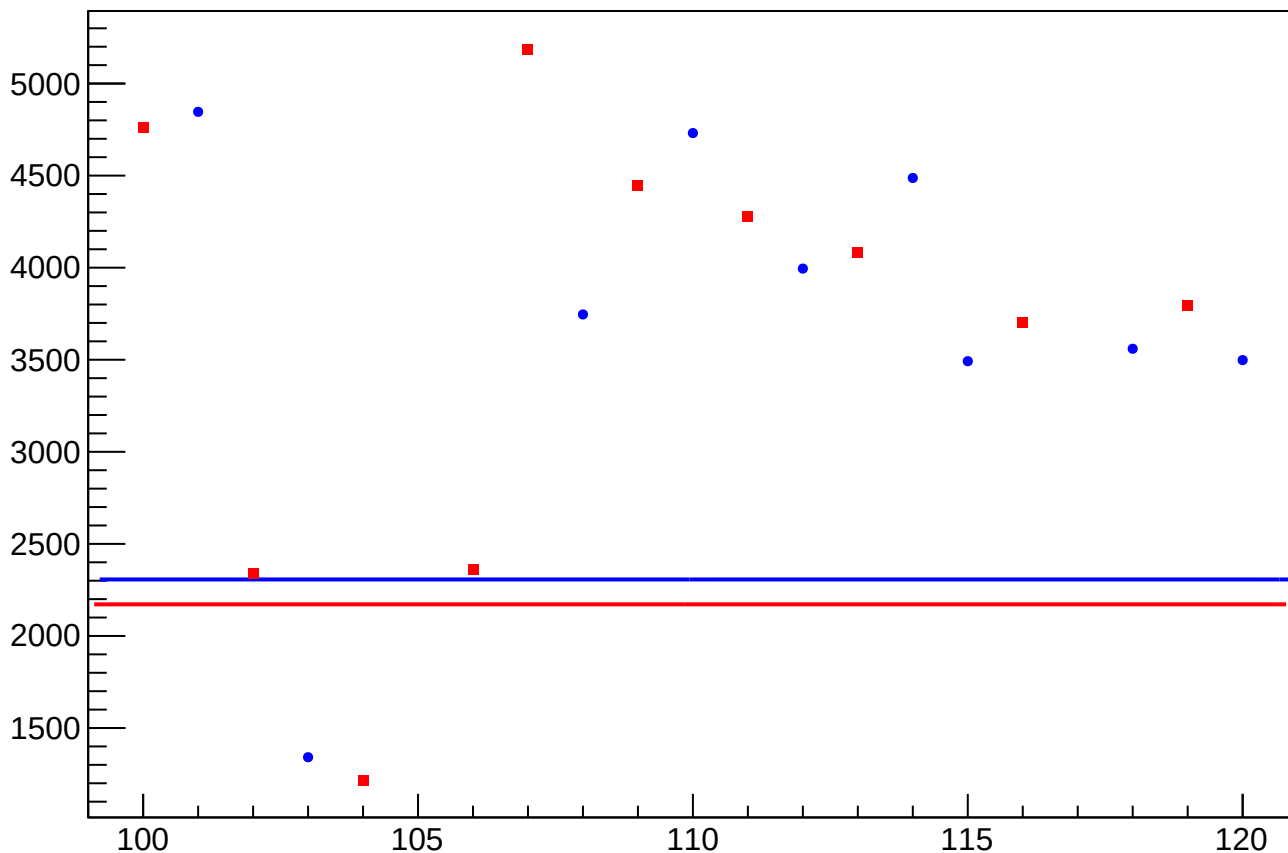
Right: -43.937+/-939.997 χ^2/NDF : 19.9/18

In: -480.466+/-1383.879 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -43.937+/-939.997 χ^2/NDF : 19.9/18

asym_atl_avg_atr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2306.857+/-0.979 χ^2/NDF : 1767986.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2171.656+/-0.906 χ^2/NDF : 1834656.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

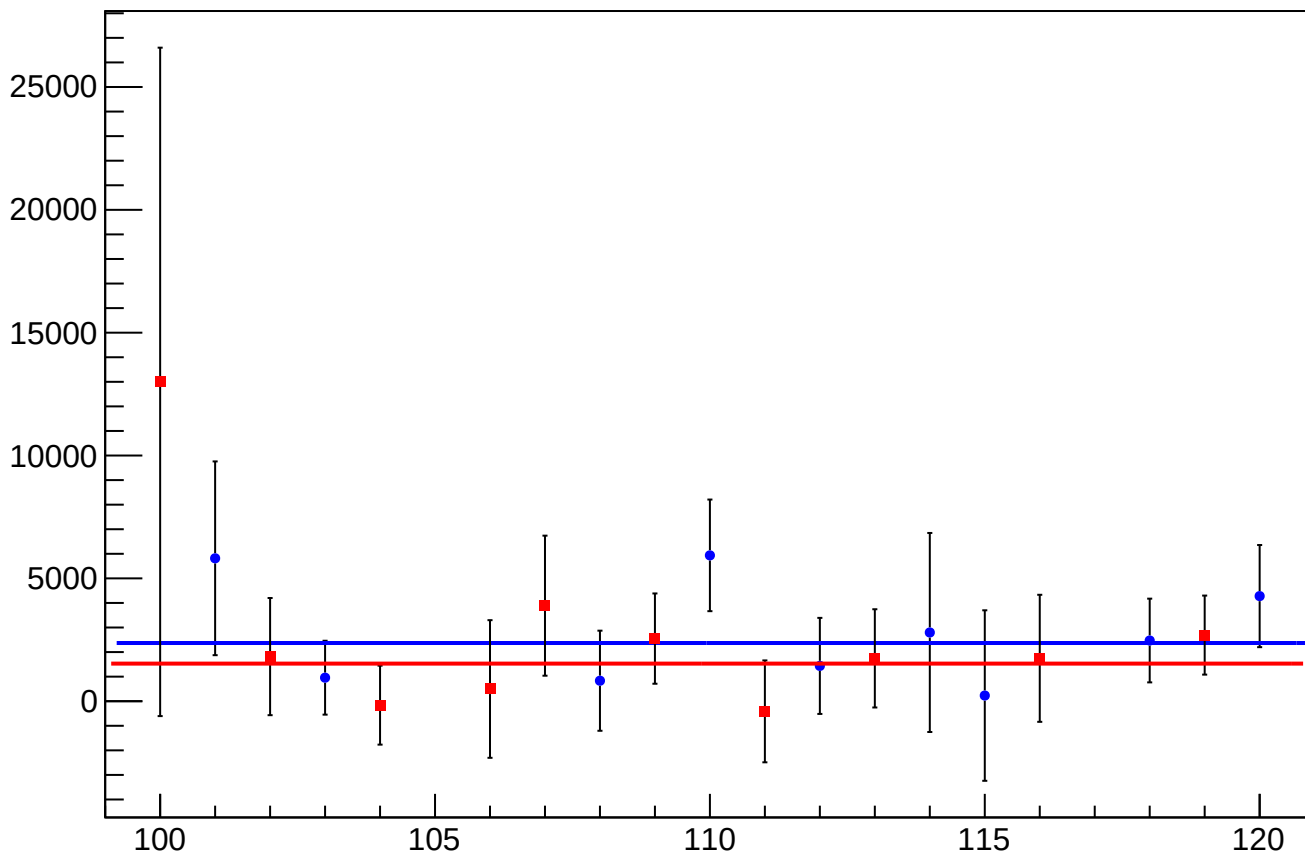
Right: 2234.035+/-0.665 χ^2/NDF : 3612924.4/18

In: 2306.857+/-0.979 χ^2/NDF : 1767986.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2234.035+/-0.665 χ^2/NDF : 3612924.4/18

eigen_cor_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2369.294+/-721.159 χ^2/NDF : 6.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1530.623+/-684.559 χ^2/NDF : 4.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

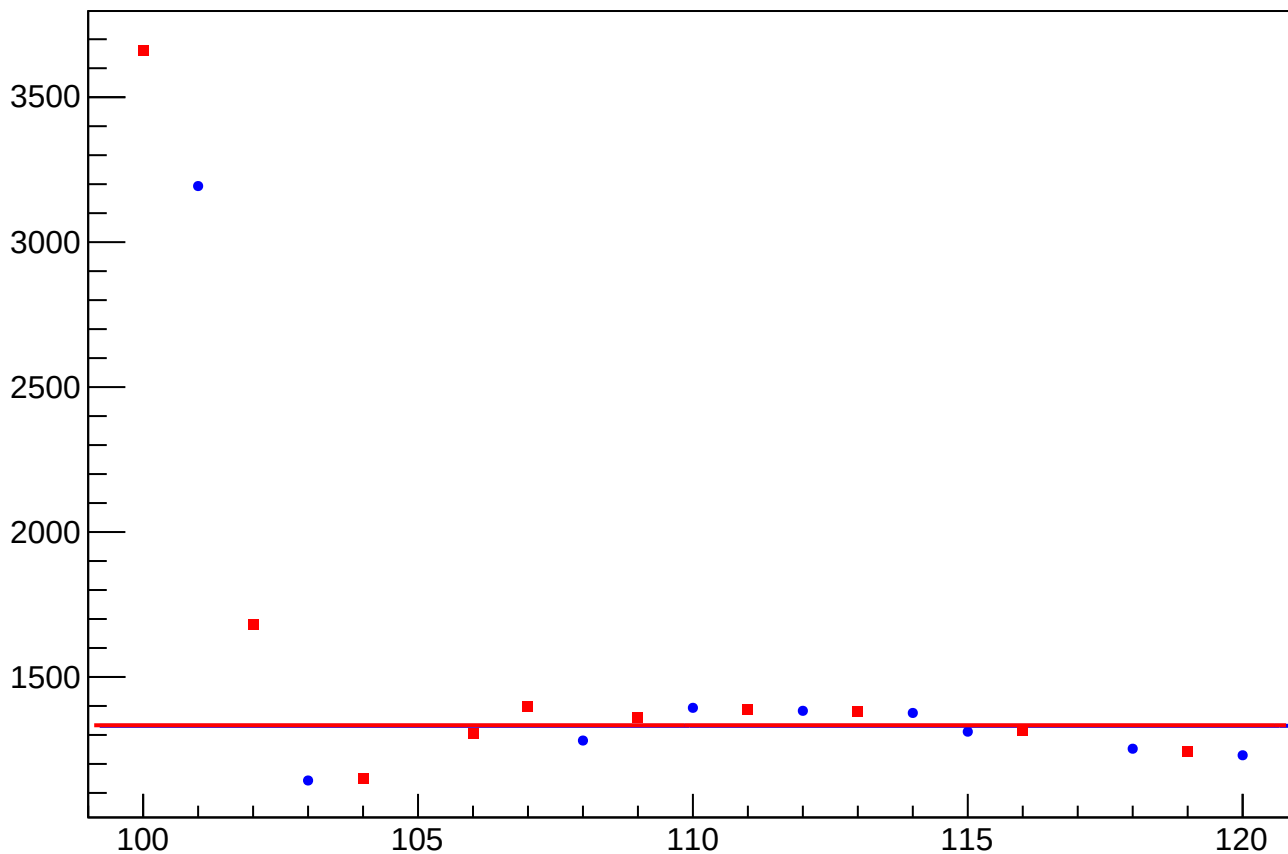
Right: 1928.137+/-496.491 χ^2/NDF : 11.2/18

In: 2369.294+/-721.159 χ^2/NDF : 6.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1928.137+/-496.491 χ^2/NDF : 11.2/18

eigen_cor_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1331.498+/-0.510 χ^2/NDF : 490912.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1333.385+/-0.482 χ^2/NDF : 137490.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

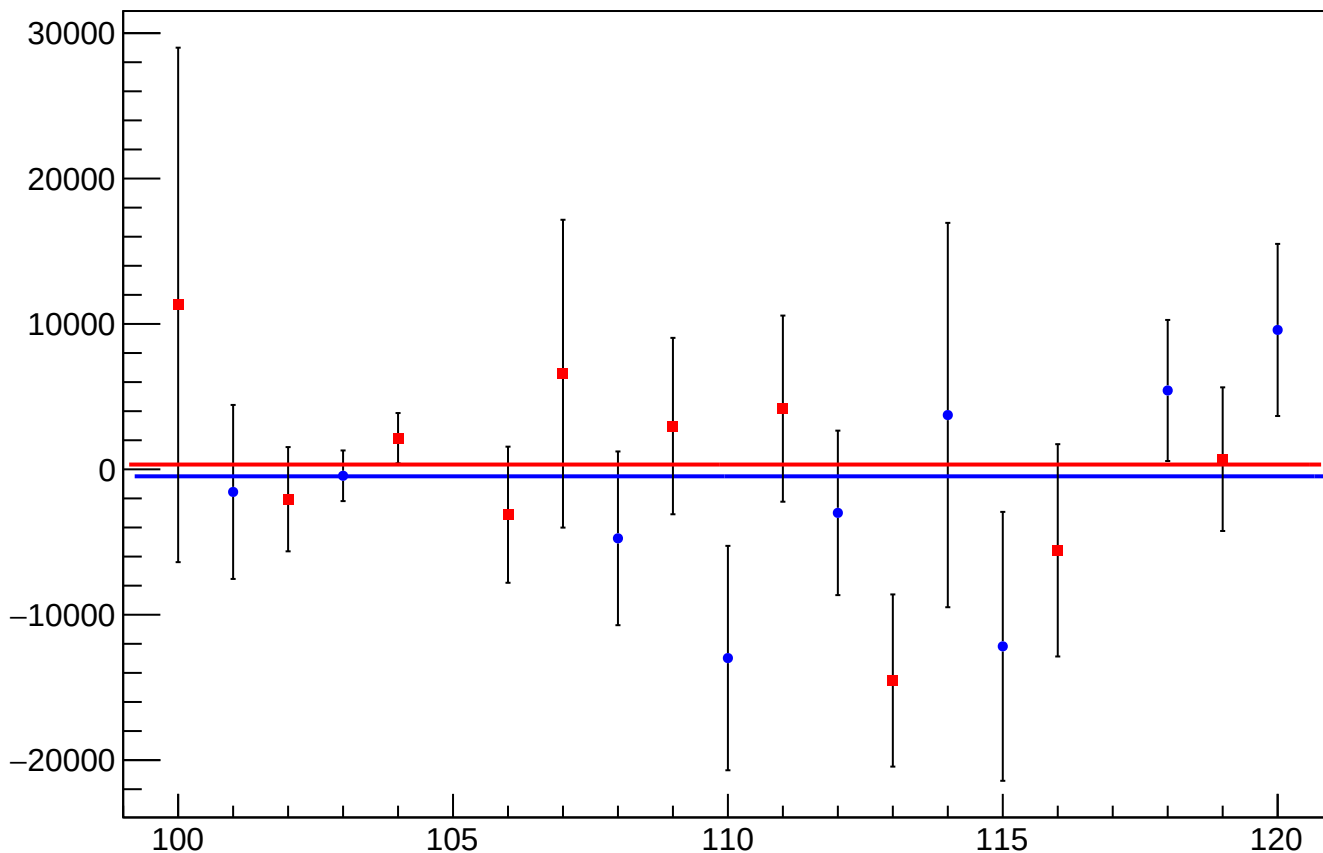
Right: 1332.494+/-0.350 χ^2/NDF : 628410.3/18

In: 1331.498+/-0.510 χ^2/NDF : 490912.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1332.494+/-0.350 χ^2/NDF : 628410.3/18

asym_atl_avg_atr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -480.466+/-1383.879 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 329.990+/-1280.809 χ^2/NDF : 10.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

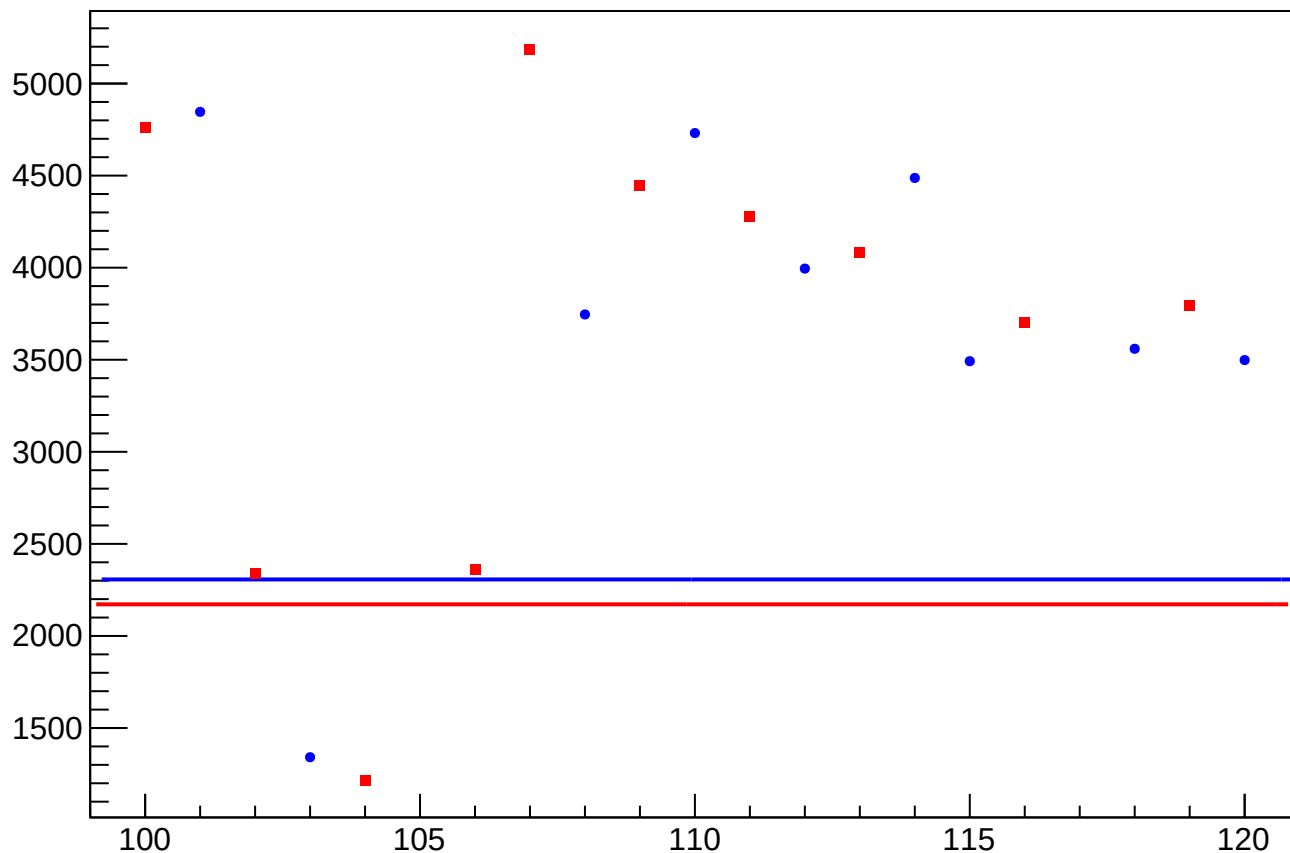
Right: -43.937+/-939.997 χ^2/NDF : 19.9/18

In: -480.466+/-1383.879 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -43.937+/-939.997 χ^2/NDF : 19.9/18

asym_atl_avg_atr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2306.857+/-0.979 χ^2/NDF : 1767986.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2171.656+/-0.906 χ^2/NDF : 1834656.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

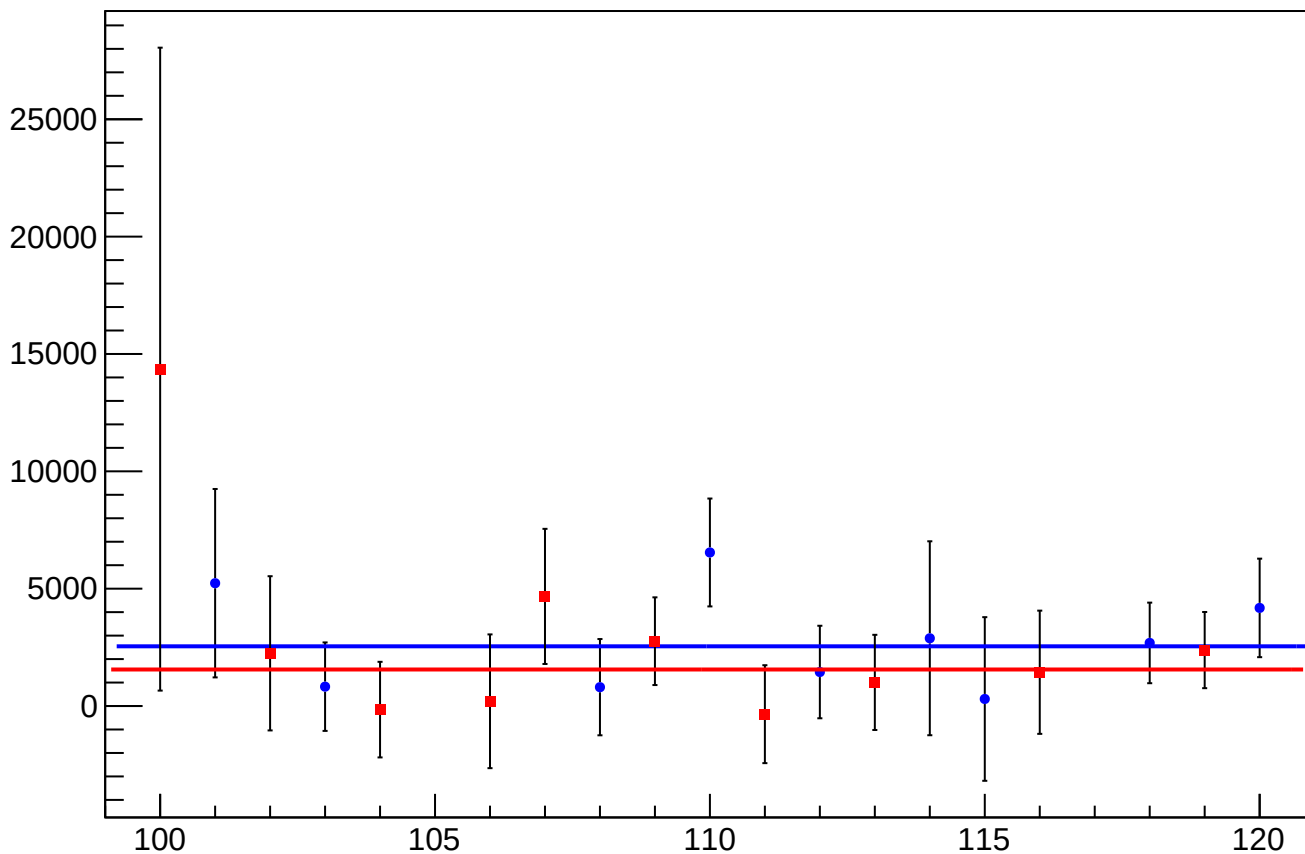
Right: 2234.035+/-0.665 χ^2/NDF : 3612924.4/18

In: 2306.857+/-0.979 χ^2/NDF : 1767986.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2234.035+/-0.665 χ^2/NDF : 3612924.4/18

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2544.219+/-759.135 χ^2/NDF : 6.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1556.378+/-731.823 χ^2/NDF : 4.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

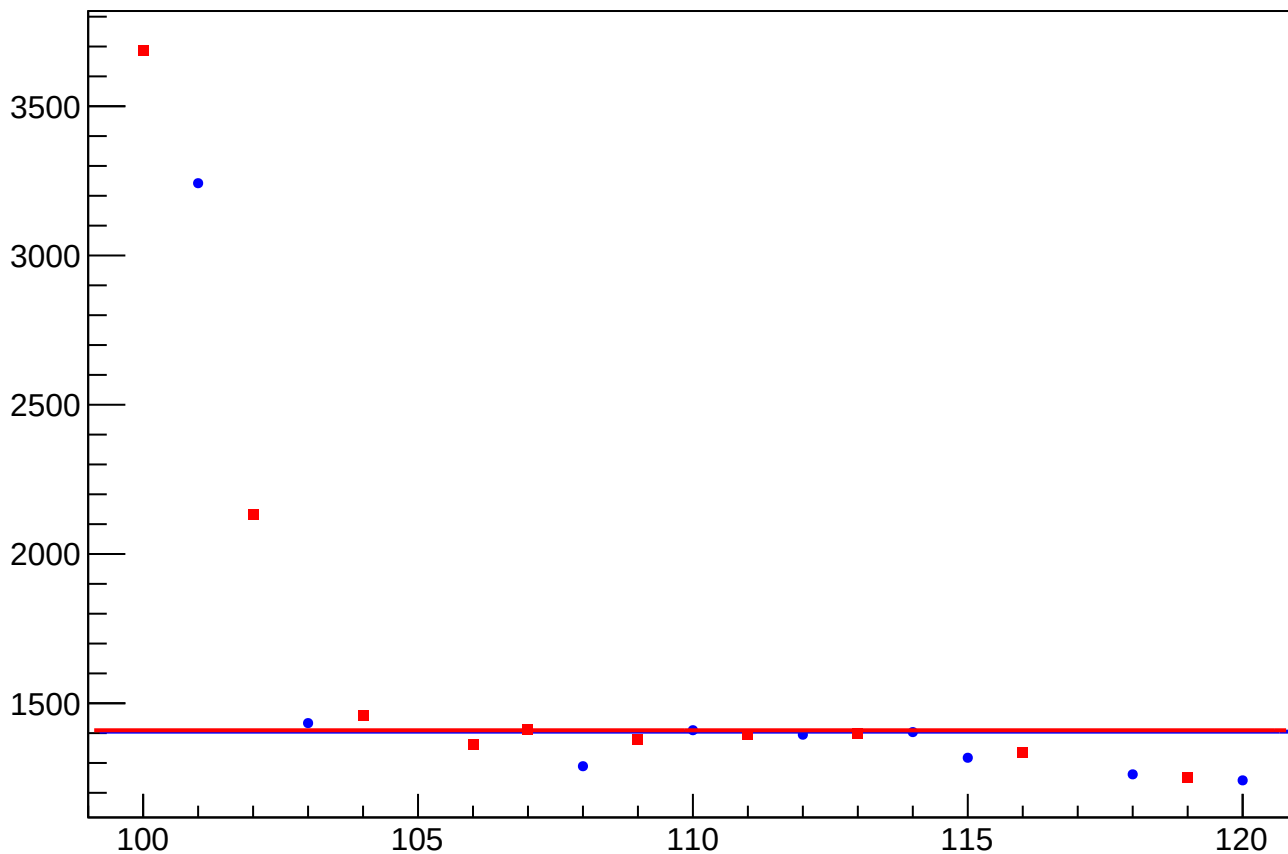
Right: 2032.209+/-526.868 χ^2/NDF : 11.9/18

In: 2544.219+/-759.135 χ^2/NDF : 6.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2032.209+/-526.868 χ^2/NDF : 11.9/18

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1404.926+/-0.537 χ^2/NDF : 453151.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1409.498+/-0.517 χ^2/NDF : 174507.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

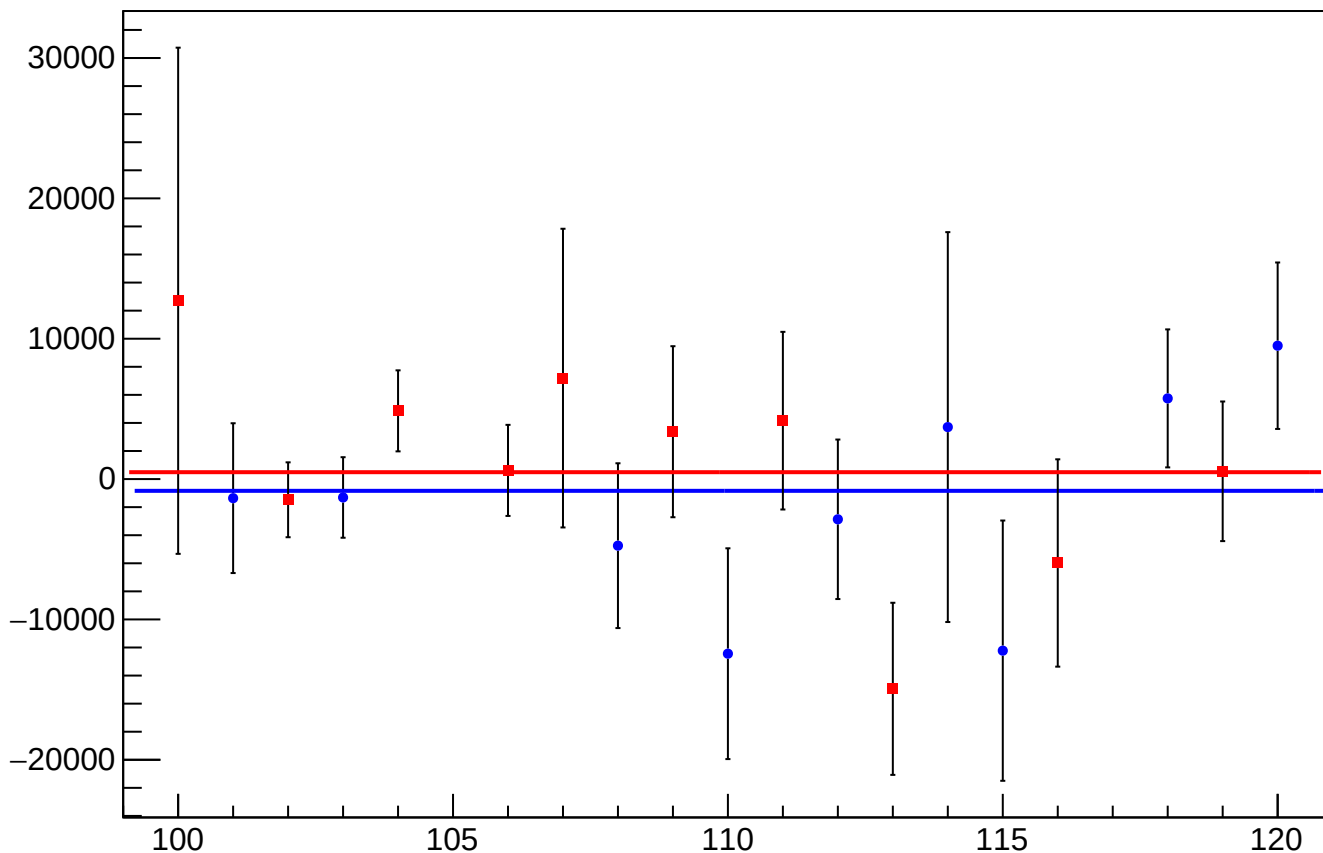
Right: 1407.299+/-0.372 χ^2/NDF : 627696.8/18

In: 1404.926+/-0.537 χ^2/NDF : 453151.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1407.299+/-0.372 χ^2/NDF : 627696.8/18

asym_atl_avg_atr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -837.872+/-1765.211 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 490.561+/-1407.661 χ^2/NDF : 11.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

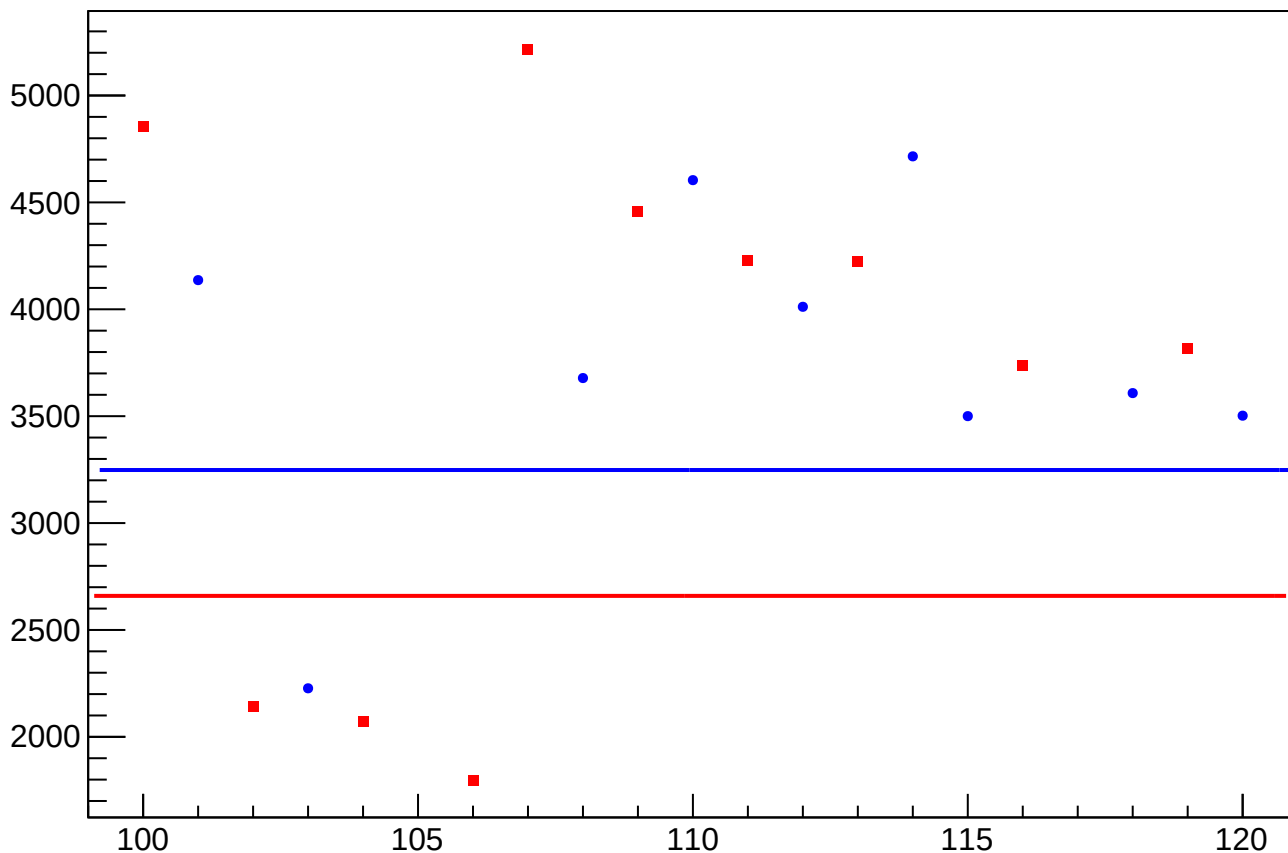
Right: -25.832+/-1100.568 χ^2/NDF : 21.1/18

In: -837.872+/-1765.211 χ^2/NDF :9.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -25.832+/-1100.568 χ^2/NDF : 21.1/18

asym_atl_avg_atr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3248.197+/-1.248 χ^2/NDF : 458927.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2659.433+/-0.995 χ^2/NDF : 1021940.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

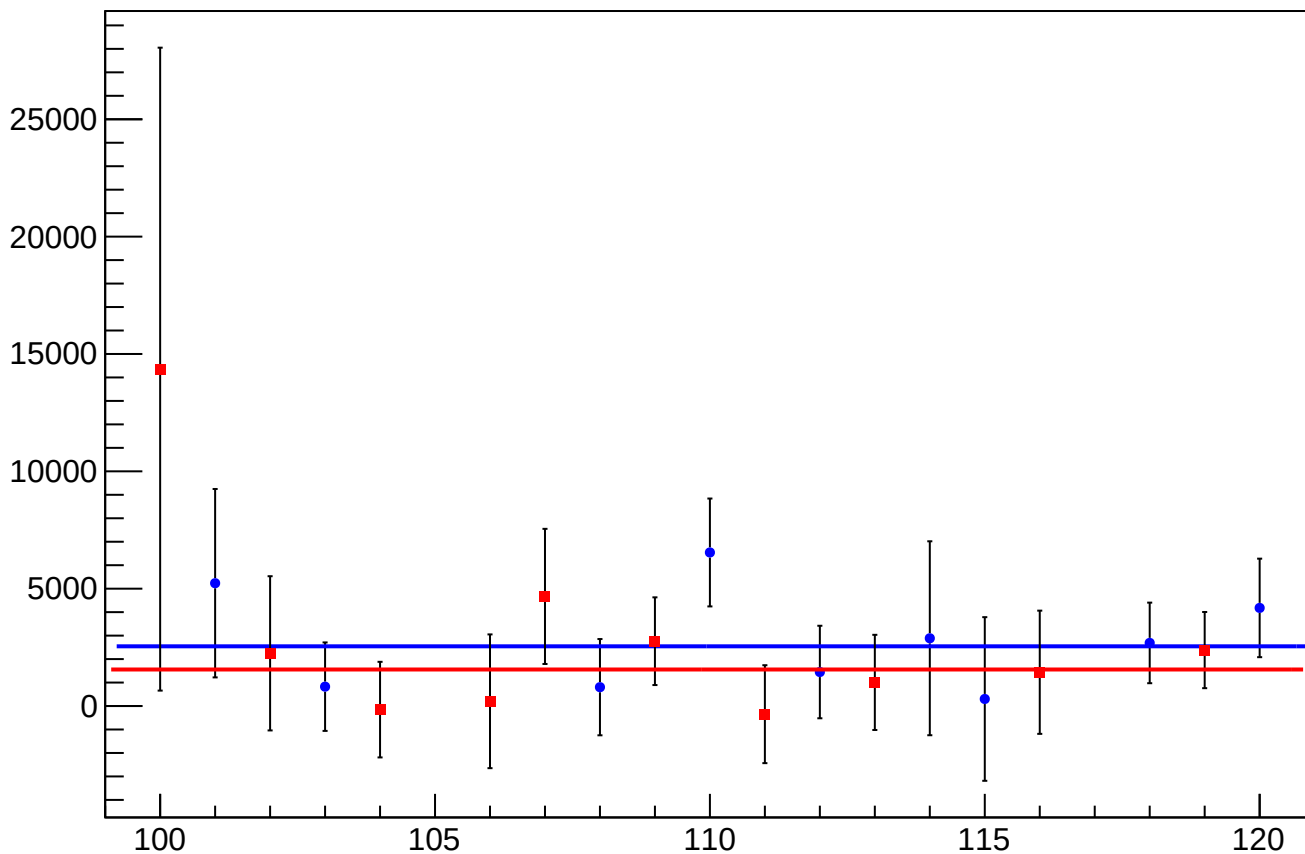
Right: 2888.299+/-0.778 χ^2/NDF : 1616874.0/18

In: 3248.197+/-1.248 χ^2/NDF : 458927.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2888.299+/-0.778 χ^2/NDF : 1616874.0/18

eigen_dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2544.214+/-759.135 χ^2/NDF : 6.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1556.382+/-731.823 χ^2/NDF : 4.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

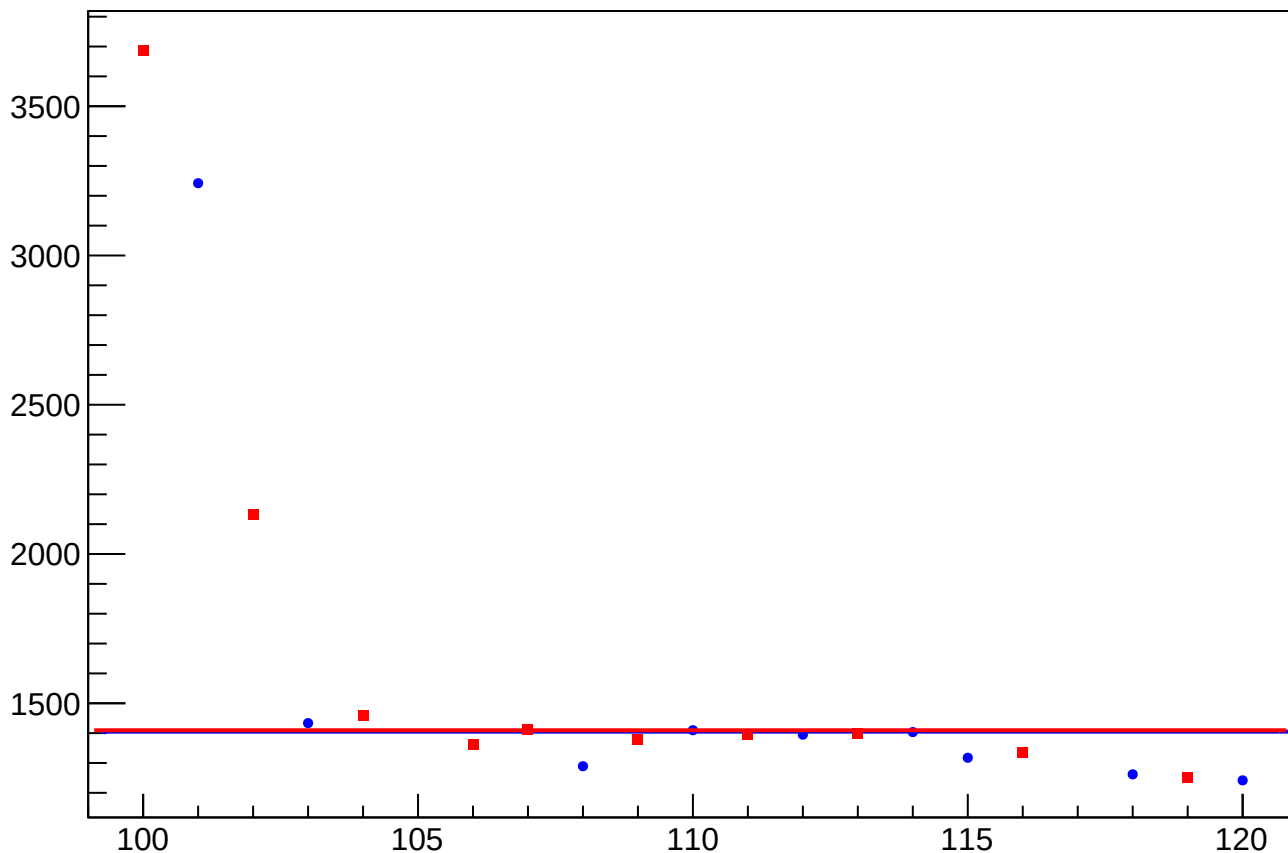
Right: 2032.208+/-526.868 χ^2/NDF : 11.9/18

In: 2544.214+/-759.135 χ^2/NDF : 6.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2032.208+/-526.868 χ^2/NDF : 11.9/18

eigen_dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1404.926+/-0.537 χ^2/NDF : 453151.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1409.497+/-0.517 χ^2/NDF : 174507.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

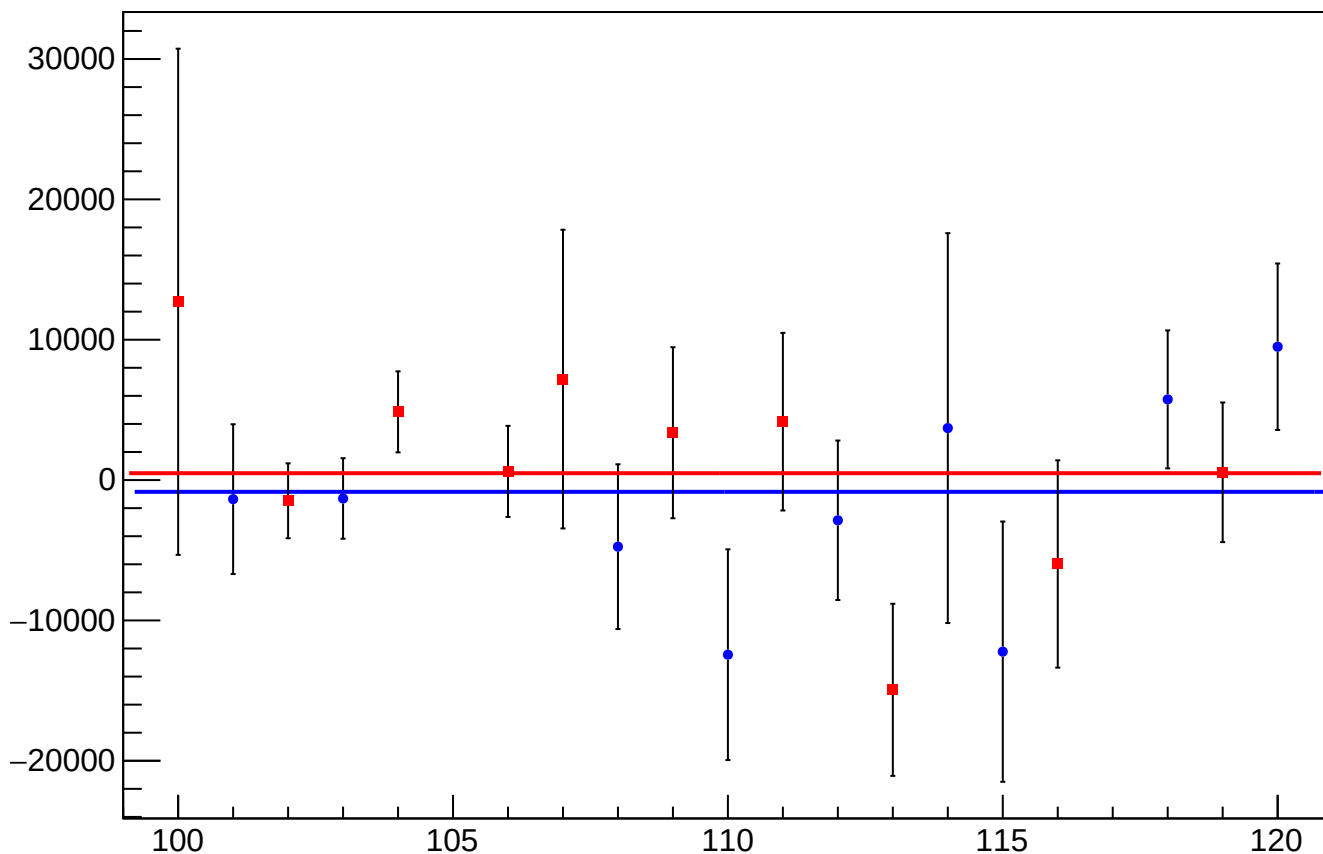
Right: 1407.298+/-0.372 χ^2/NDF : 627696.0/18

In: 1404.926+/-0.537 χ^2/NDF : 453151.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1407.298+/-0.372 χ^2/NDF : 627696.0/18

asym_atl_avg_atr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -837.866+/-1765.206 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 490.562+/-1407.657 χ^2/NDF : 11.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

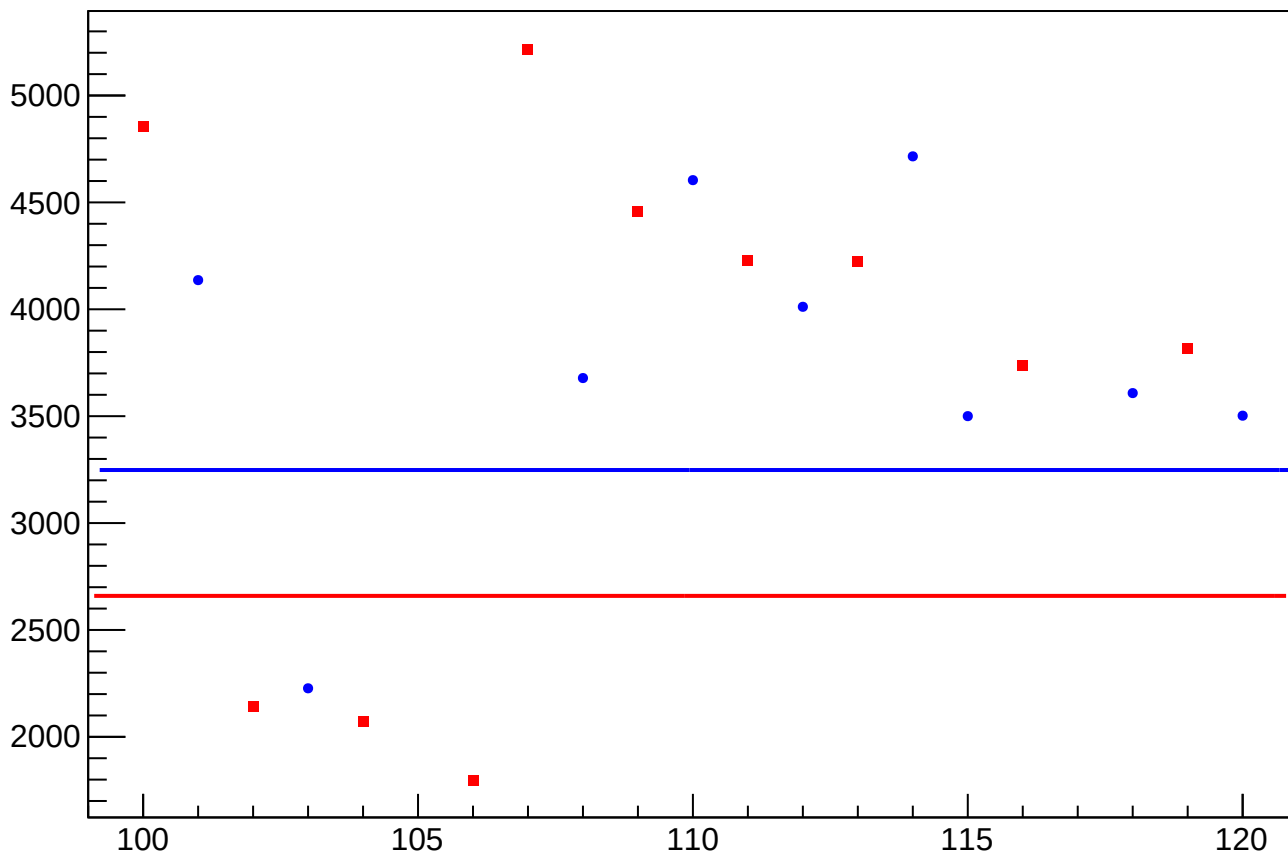
Right: -25.829+/-1100.565 χ^2/NDF : 21.1/18

In: -837.866+/-1765.206 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.829+/-1100.565 χ^2/NDF : 21.1/18

asym_atl_avg_atr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3248.189+/-1.248 χ^2/NDF : 458926.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2659.425+/-0.995 χ^2/NDF : 1021941.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

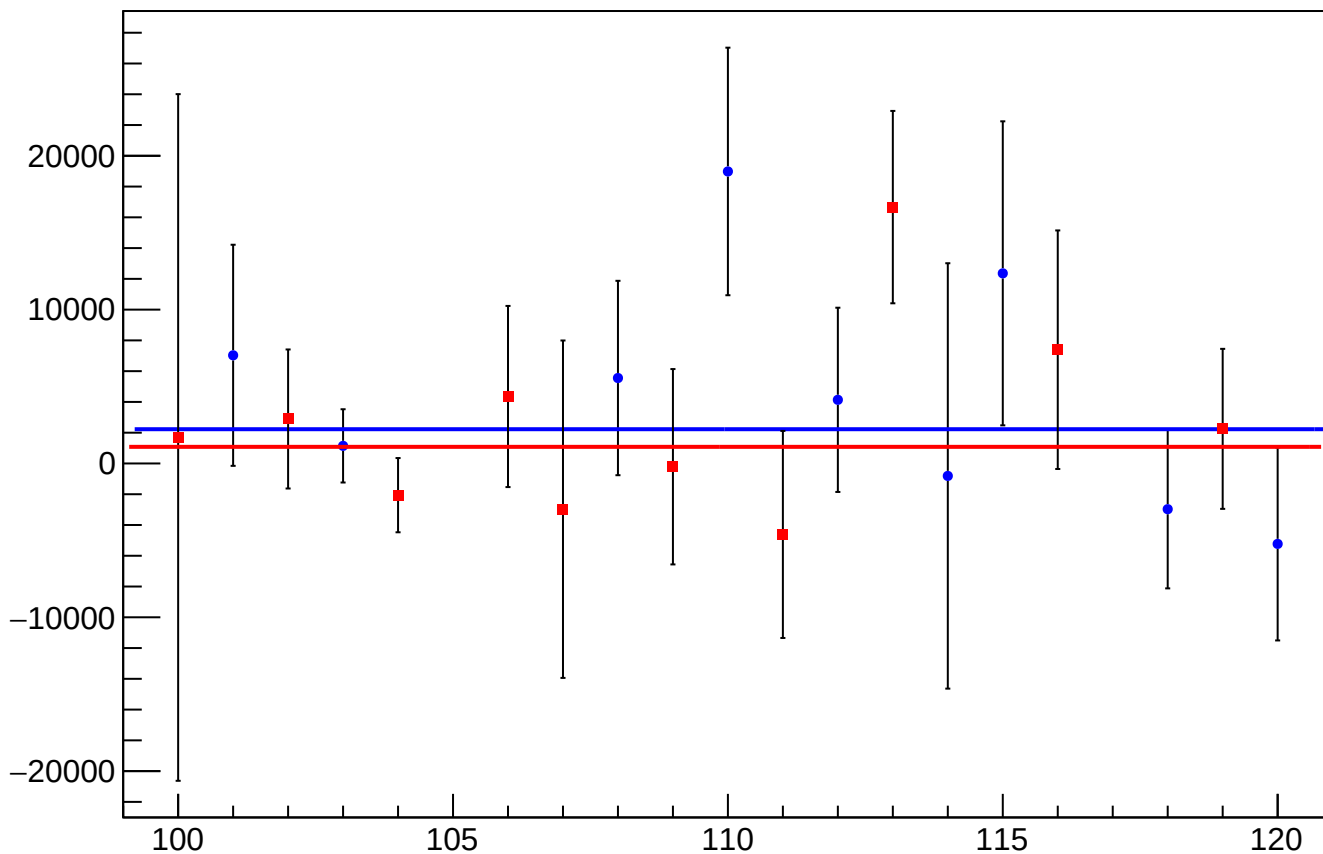
Right: 2888.291+/-0.778 χ^2/NDF : 1616874.0/18

In: 3248.189+/-1.248 χ^2/NDF : 458926.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2888.291+/-0.778 χ^2/NDF : 1616874.0/18

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2226.325+/-1708.286 χ^2/NDF : 8.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1080.137+/-1609.628 χ^2/NDF : 10.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

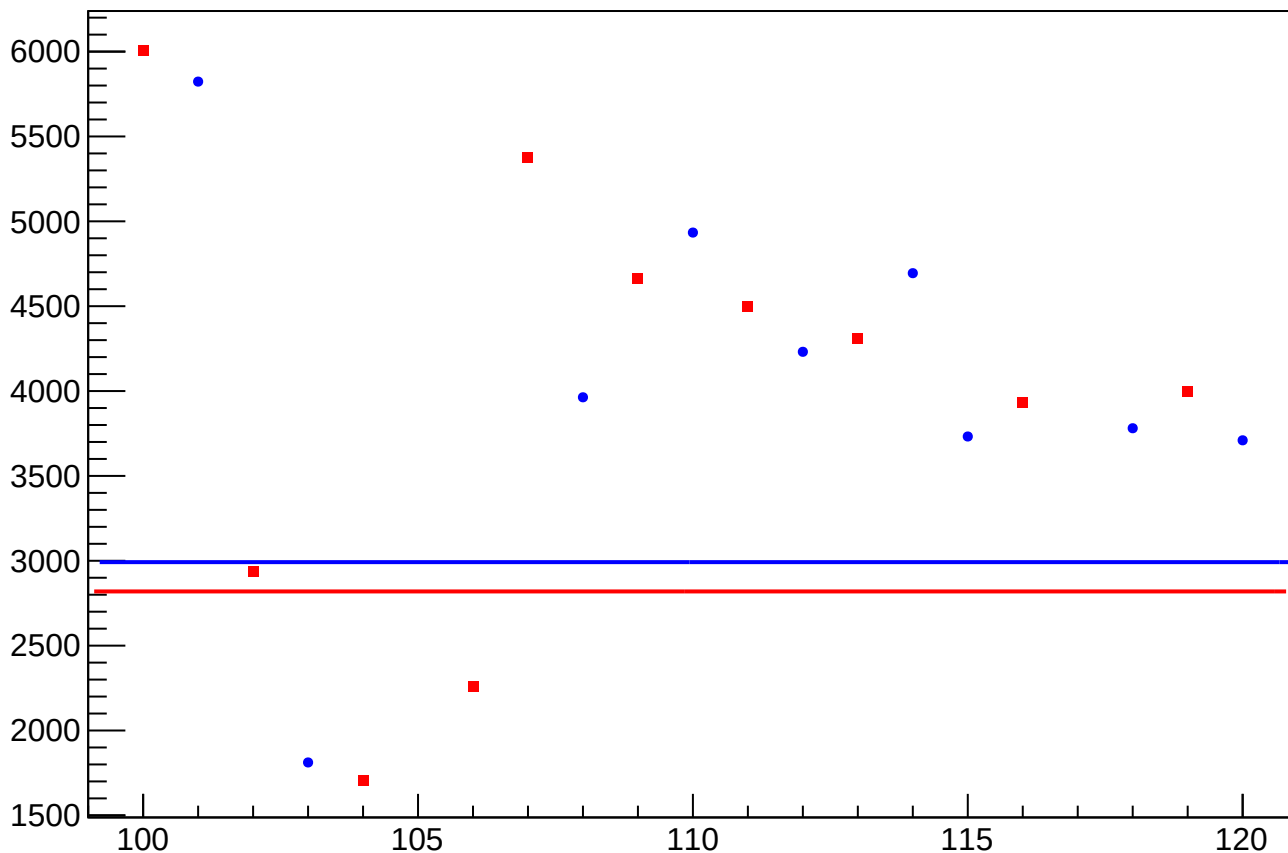
Right: 1619.179+/-1171.505 χ^2/NDF : 19.1/18

In: 2226.325+/-1708.286 χ^2/NDF :8.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1619.179+/-1171.505 χ^2/NDF : 19.1/18

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2991.998+/-1.208 χ^2/NDF : 1165783.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2819.358+/-1.116 χ^2/NDF : 1155455.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

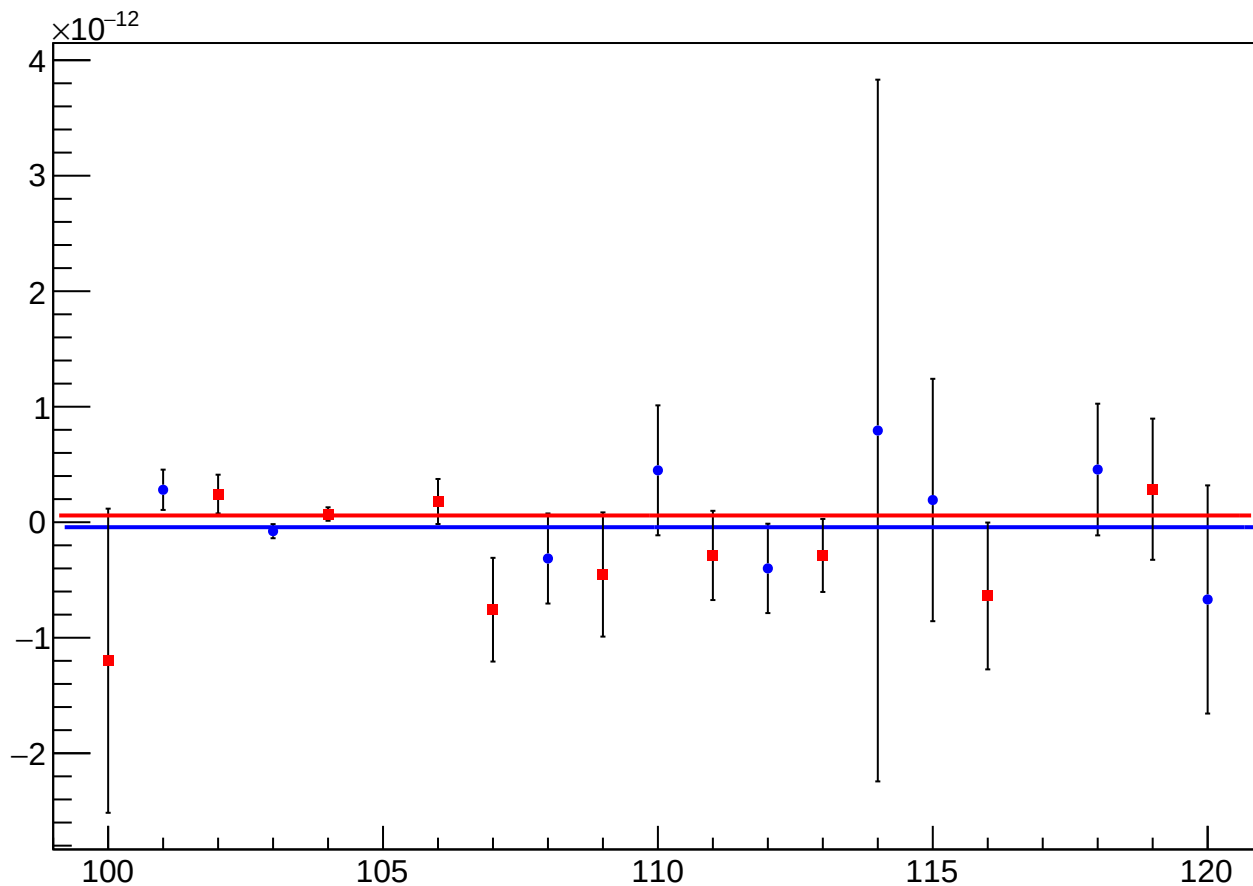
Right: 2898.847+/-0.820 χ^2/NDF : 2332261.5/18

In: 2991.998+/-1.208 χ^2/NDF : 1165783.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2898.847+/-0.820 χ^2/NDF : 2332261.5/18

asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

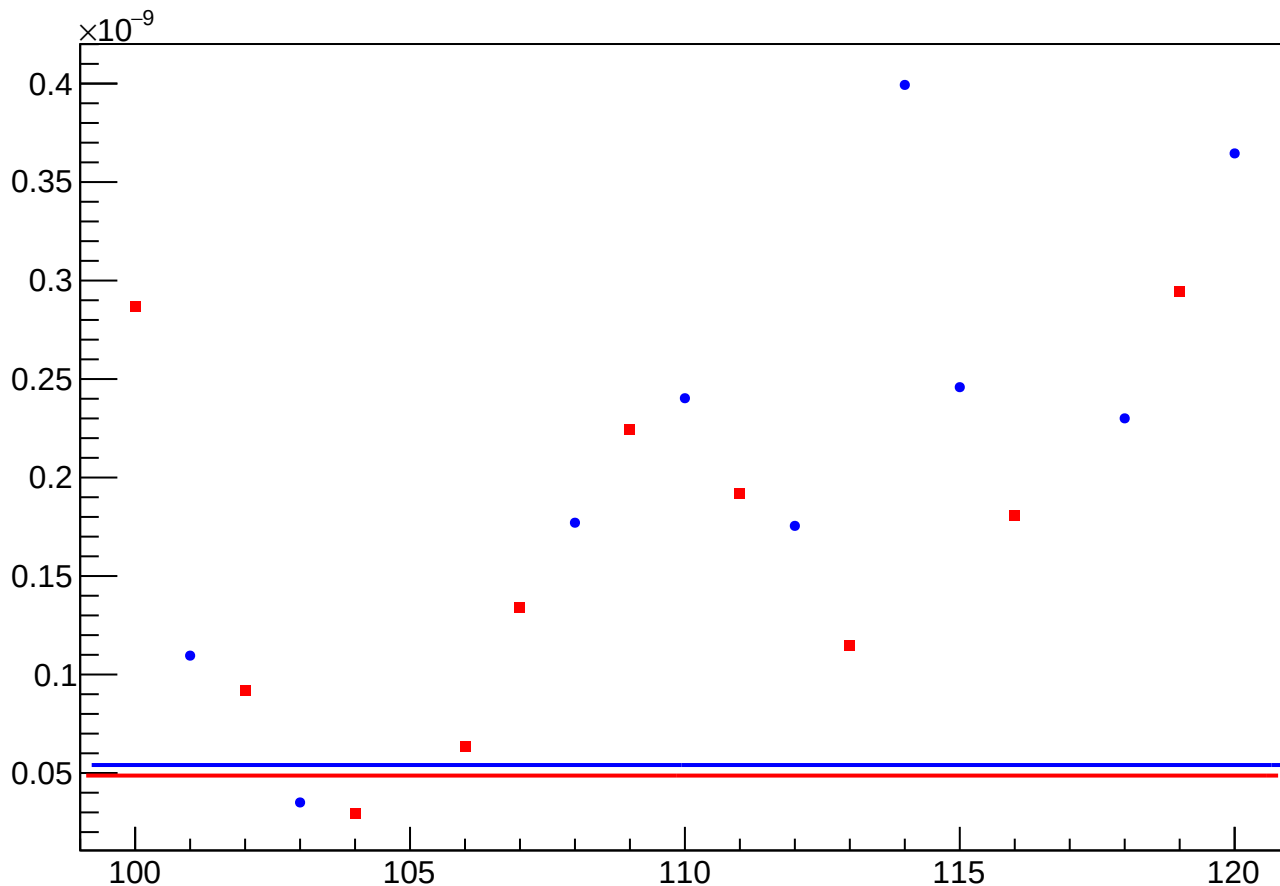
Right: 0.000+/-0.000 χ^2/NDF : 19.1/18

In: -0.000+/-0.000 χ^2/NDF : 7.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.1/18

asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1493340.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1485770.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

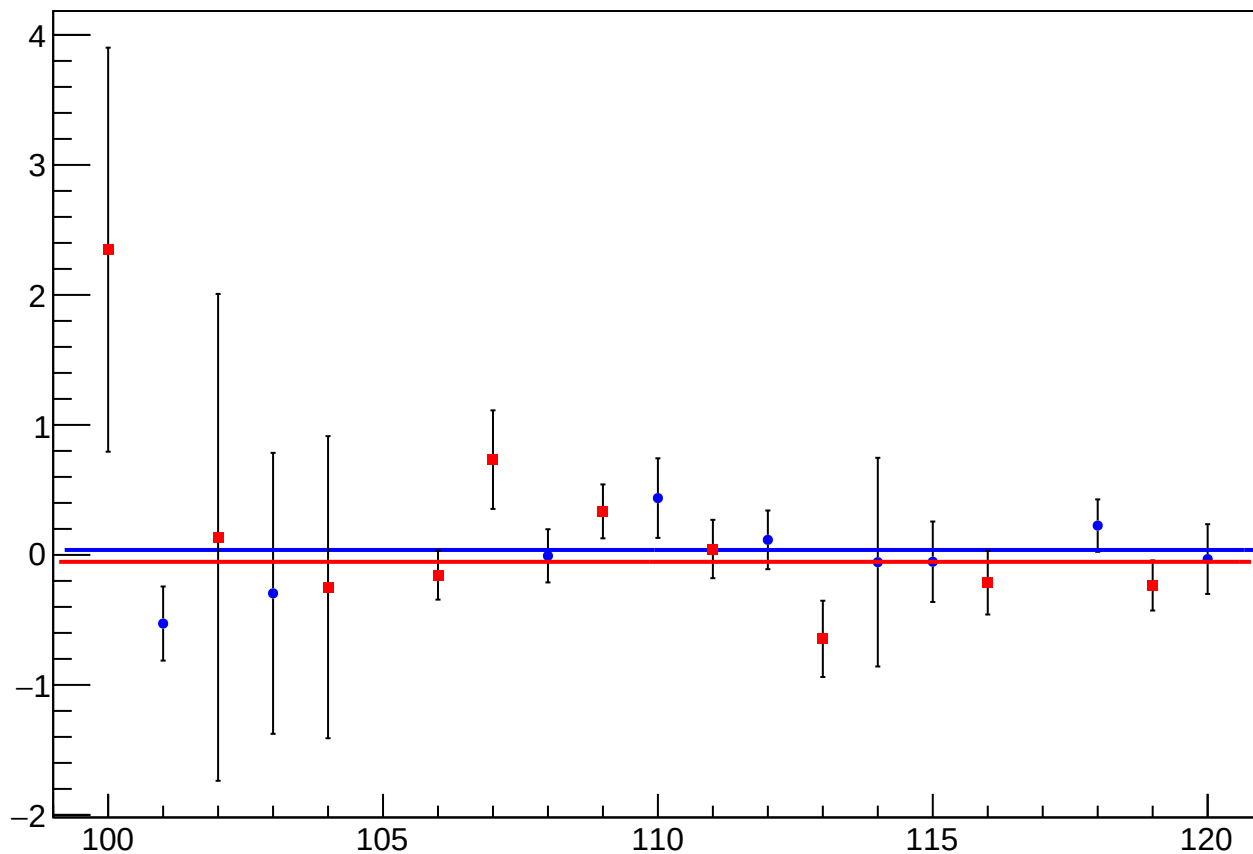
Right: 0.000+/-0.000 χ^2/NDF : 2989226.5/18

In: 0.000+/-0.000 χ^2/NDF : 1493340.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2989226.5/18

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.038+/-0.092 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.053+/-0.086 χ^2/NDF : 16.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

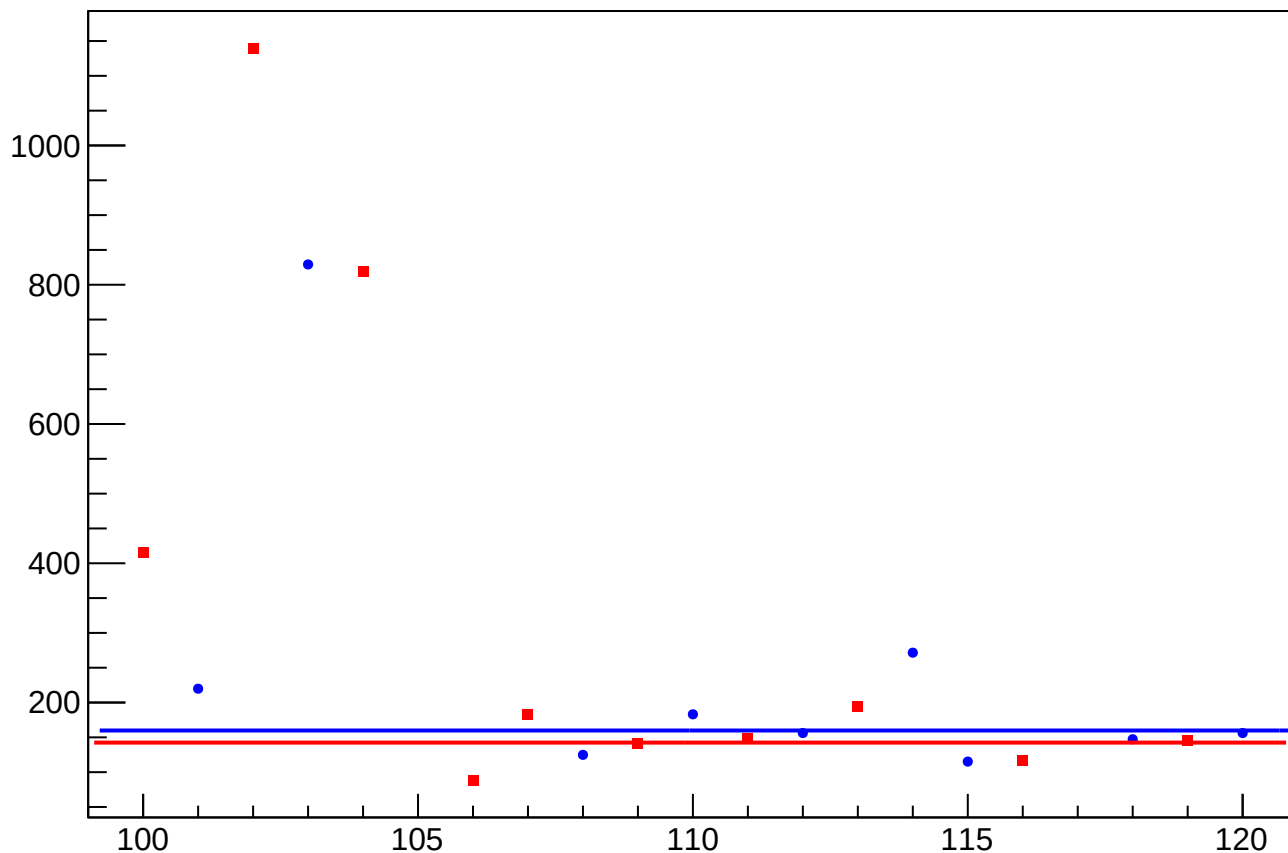
Right: -0.011+/-0.063 χ^2/NDF : 23.6/18

In: 0.038+/-0.092 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.063 χ^2/NDF : 23.6/18

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 159.834+/-0.065 χ^2/NDF : 1014991.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.473+/-0.061 χ^2/NDF : 1582397.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

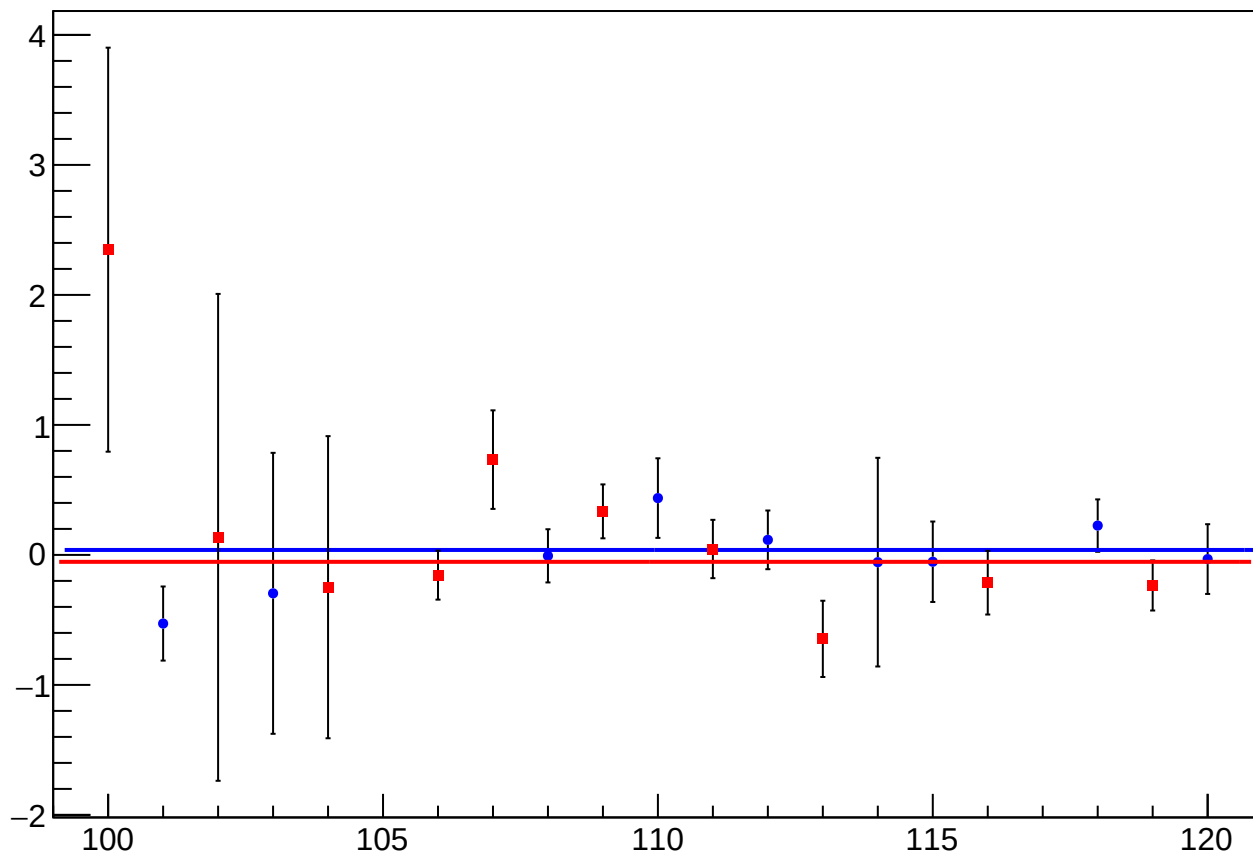
Right: 150.565+/-0.044 χ^2/NDF : 2635319.7/18

In: 159.834+/-0.065 χ^2/NDF : 1014991.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.565+/-0.044 χ^2/NDF : 2635319.7/18

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.038+/-0.092 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.053+/-0.086 χ^2/NDF : 16.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

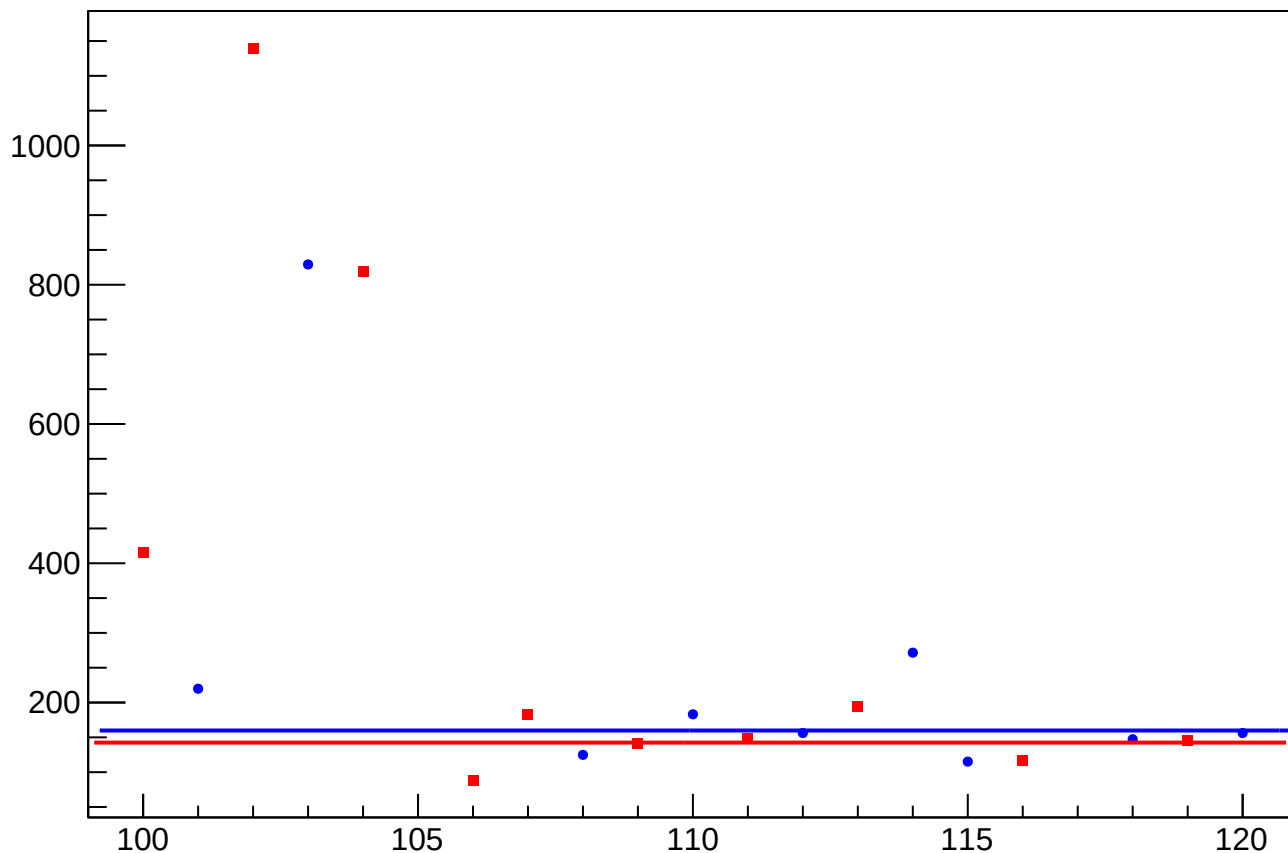
Right: -0.011+/-0.063 χ^2/NDF : 23.6/18

In: 0.038+/-0.092 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.063 χ^2/NDF : 23.6/18

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 159.834+/-0.065 χ^2/NDF : 1014991.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.473+/-0.061 χ^2/NDF : 1582397.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

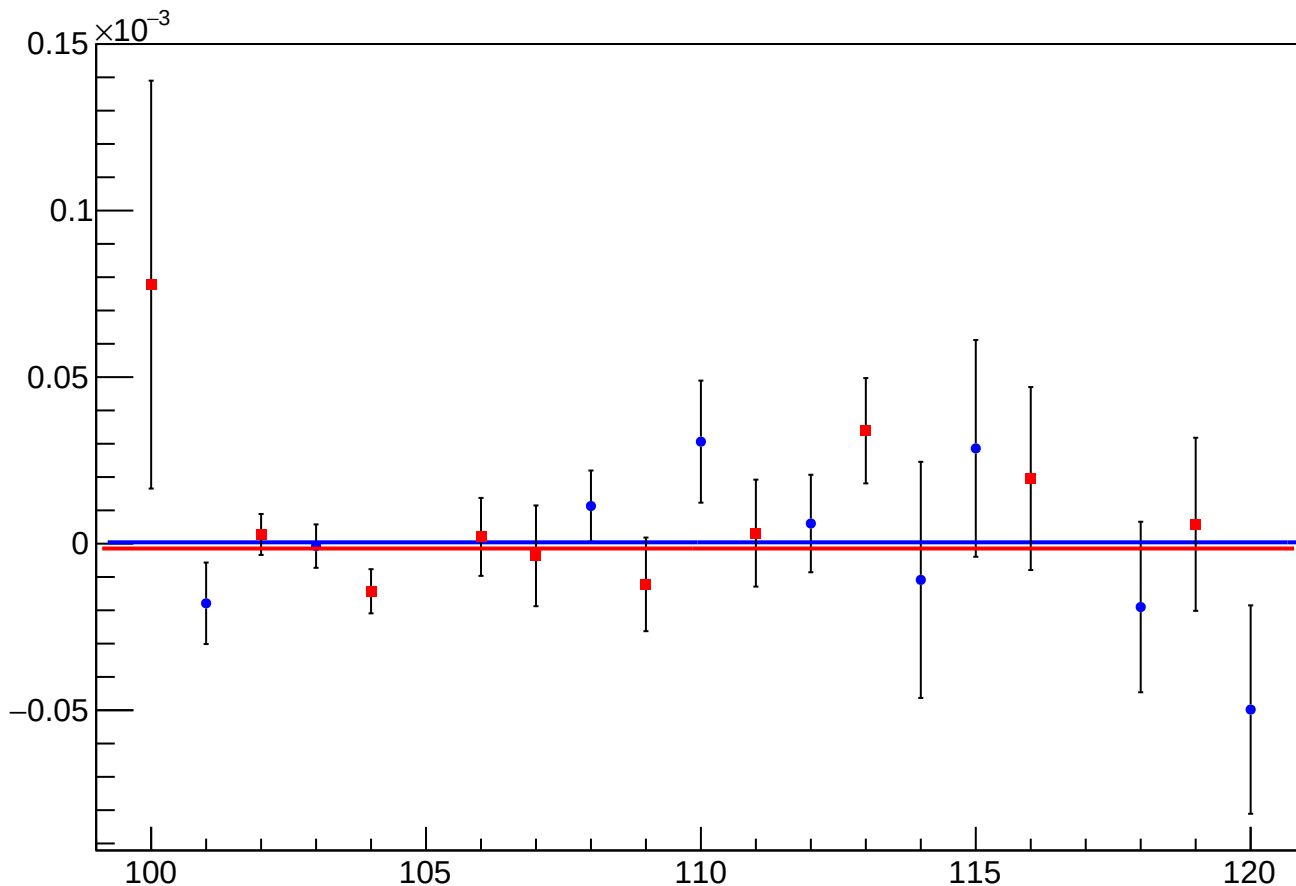
Right: 150.565+/-0.044 χ^2/NDF : 2635319.7/18

In: 159.834+/-0.065 χ^2/NDF : 1014991.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.565+/-0.044 χ^2/NDF : 2635319.7/18

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 : 10.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

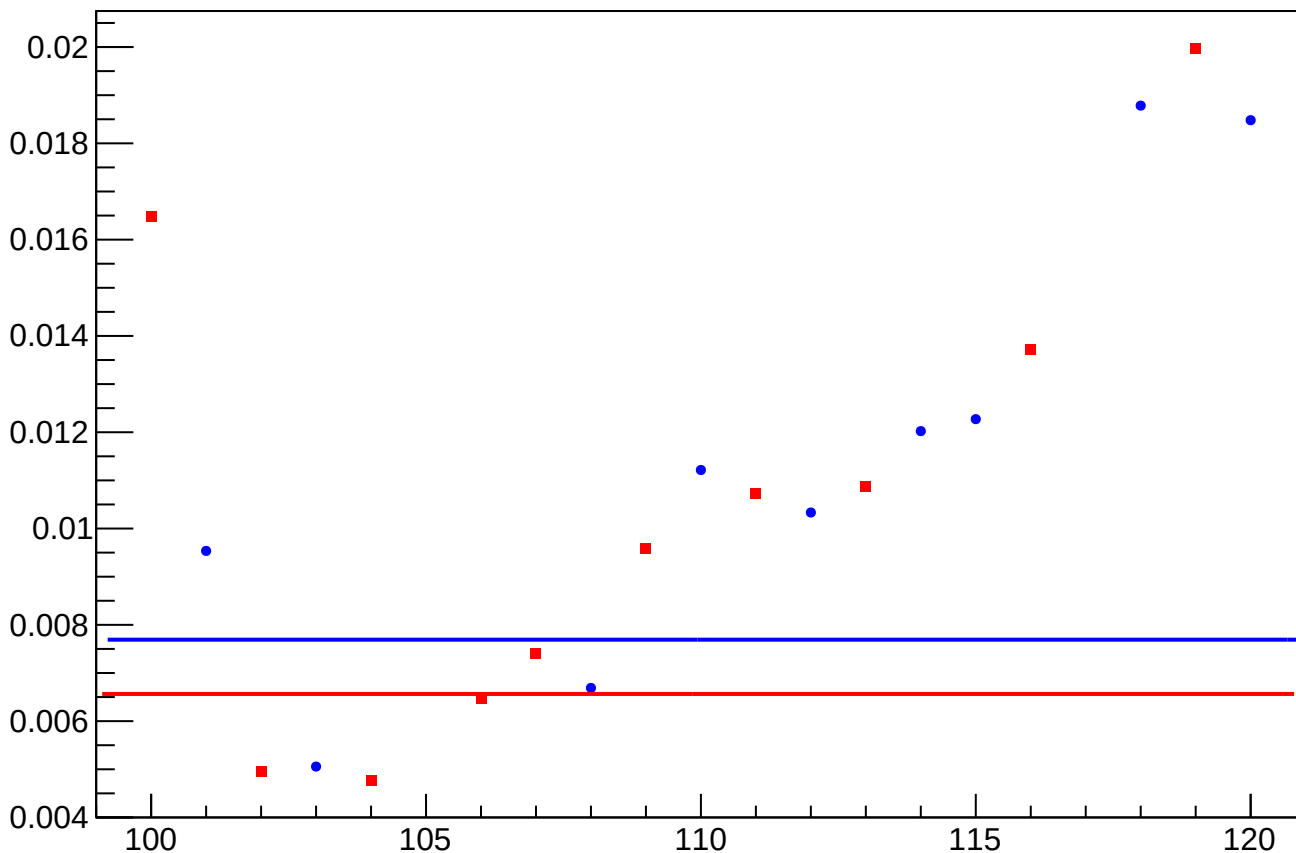
Right: -0.000+/-0.000 χ^2/NDF : 22.6/18

In: 0.000+/-0.000 χ^2/NDF : 10.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.6/18

asym_atl_avg_atr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 1212050.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 1388222.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

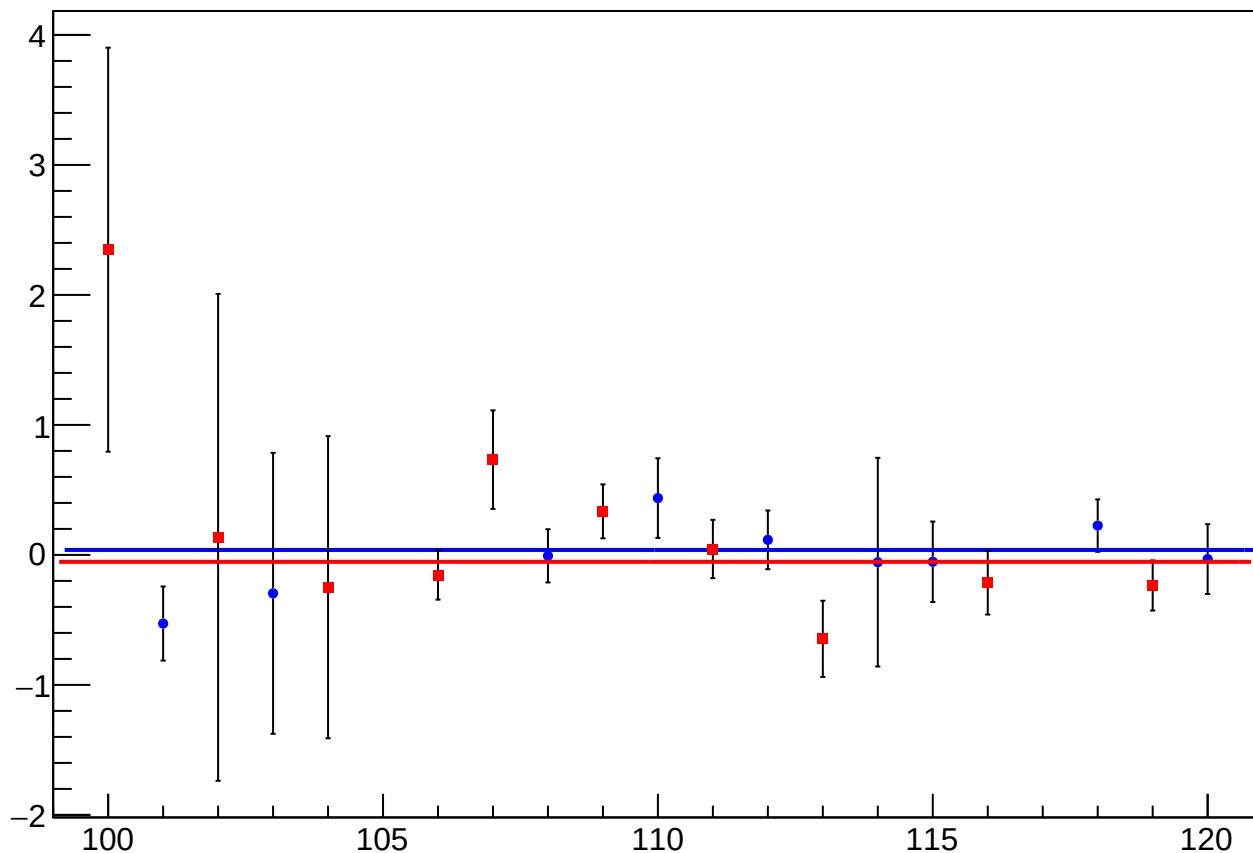
Right: 0.007+/-0.000 χ^2/NDF : 2678158.1/18

In: 0.008+/-0.000 χ^2/NDF :1212050.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 2678158.1/18

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.038+/-0.092 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.053+/-0.086 χ^2/NDF : 16.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

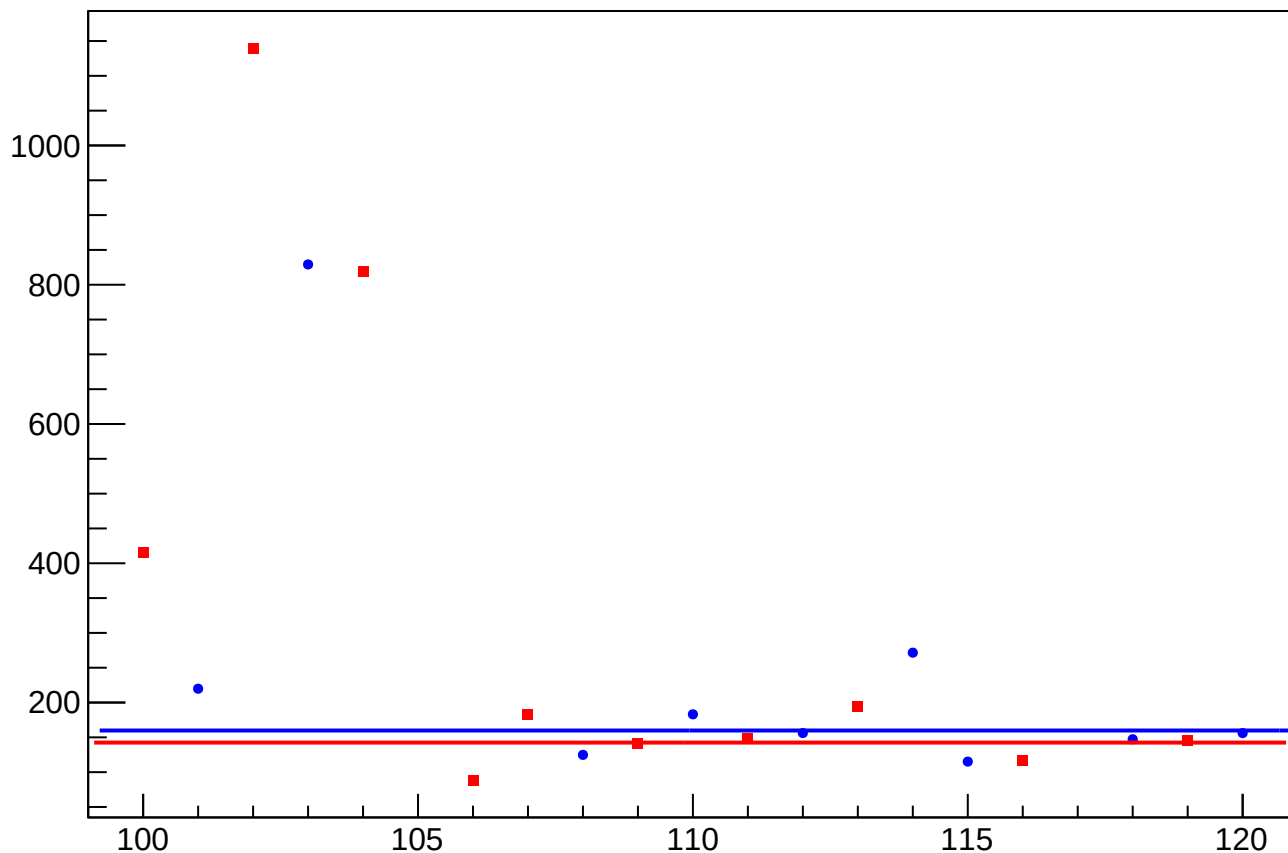
Right: -0.011+/-0.063 χ^2/NDF : 23.6/18

In: 0.038+/-0.092 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.063 χ^2/NDF : 23.6/18

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 159.834+/-0.065 χ^2/NDF : 1014979.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.473+/-0.061 χ^2/NDF : 1582401.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

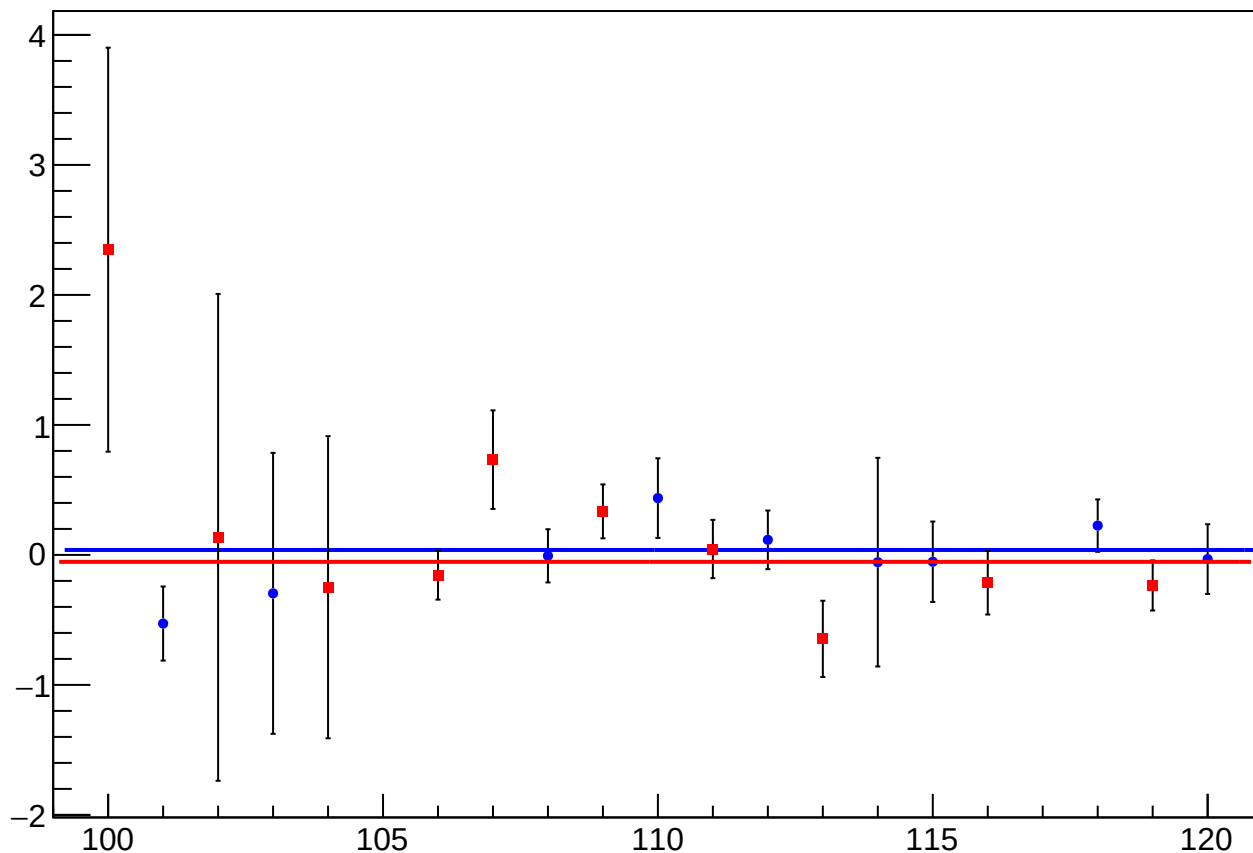
Right: 150.565+/-0.044 χ^2/NDF : 2635311.8/18

In: 159.834+/-0.065 χ^2/NDF : 1014979.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.565+/-0.044 χ^2/NDF : 2635311.8/18

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.038+/-0.092 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.053+/-0.086 χ^2/NDF : 16.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

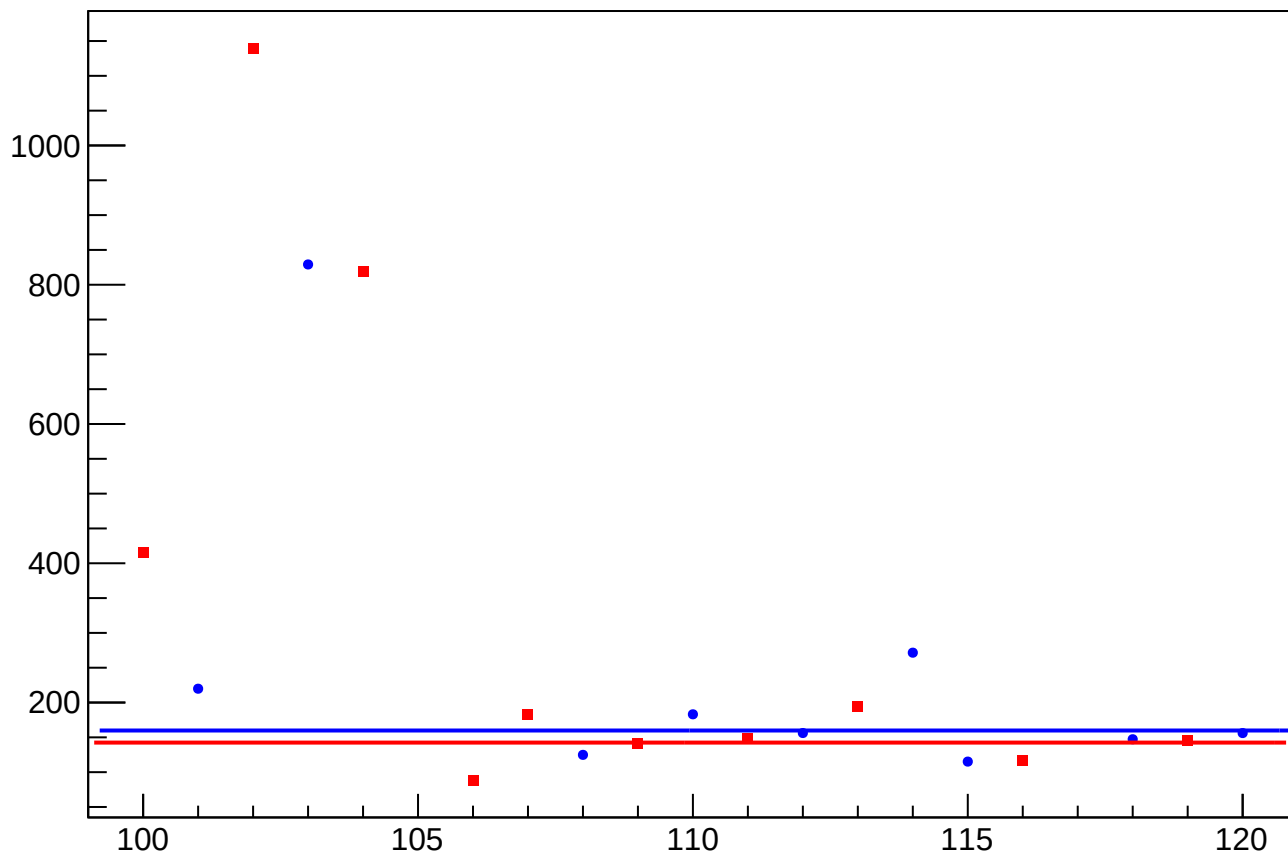
Right: -0.011+/-0.063 χ^2/NDF : 23.6/18

In: 0.038+/-0.092 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.063 χ^2/NDF : 23.6/18

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 159.834+/-0.065 χ^2/NDF : 1014979.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 142.473+/-0.061 χ^2/NDF : 1582401.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

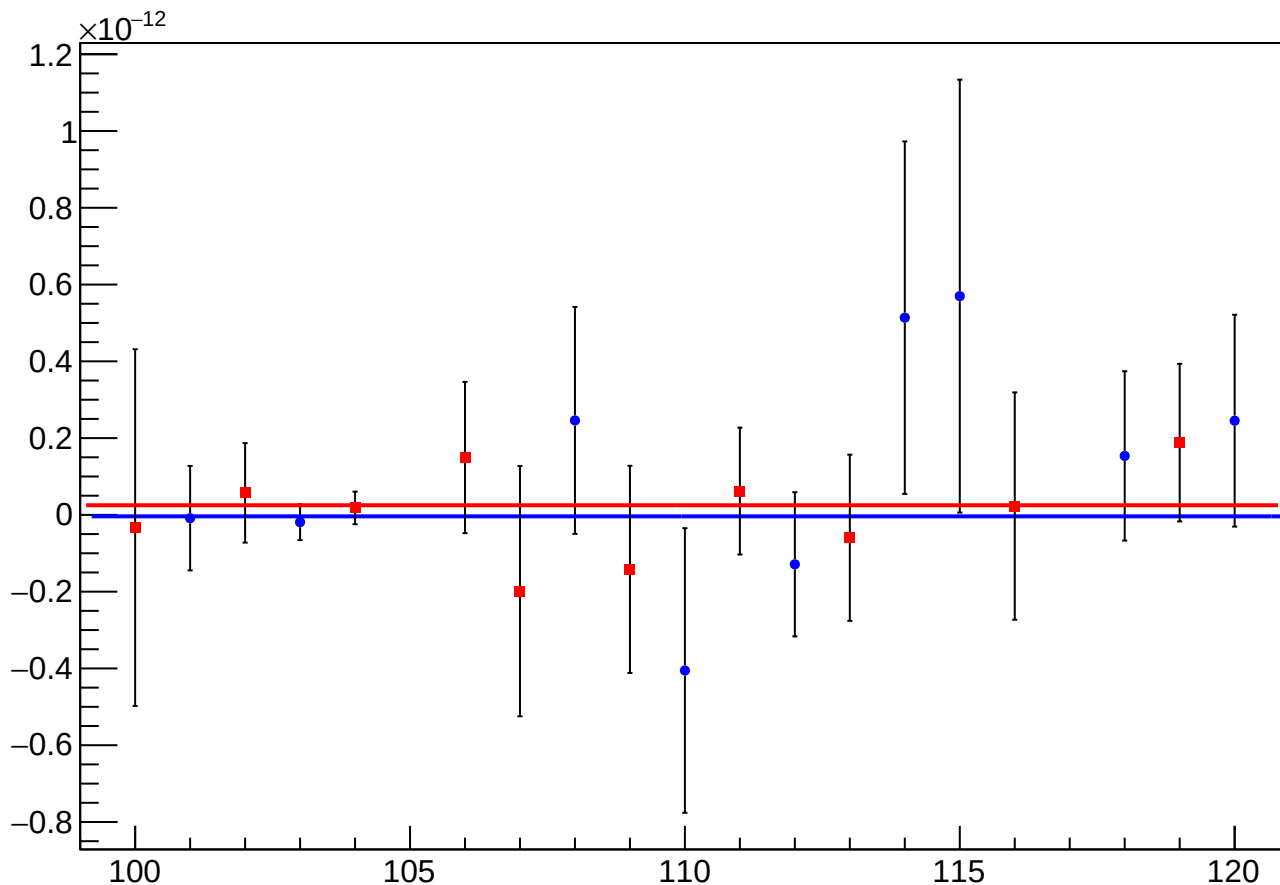
Right: 150.565+/-0.044 χ^2/NDF : 2635311.8/18

In: 159.834+/-0.065 χ^2/NDF :1014979.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 150.565+/-0.044 χ^2/NDF : 2635311.8/18

asym_atl_avg_atr_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

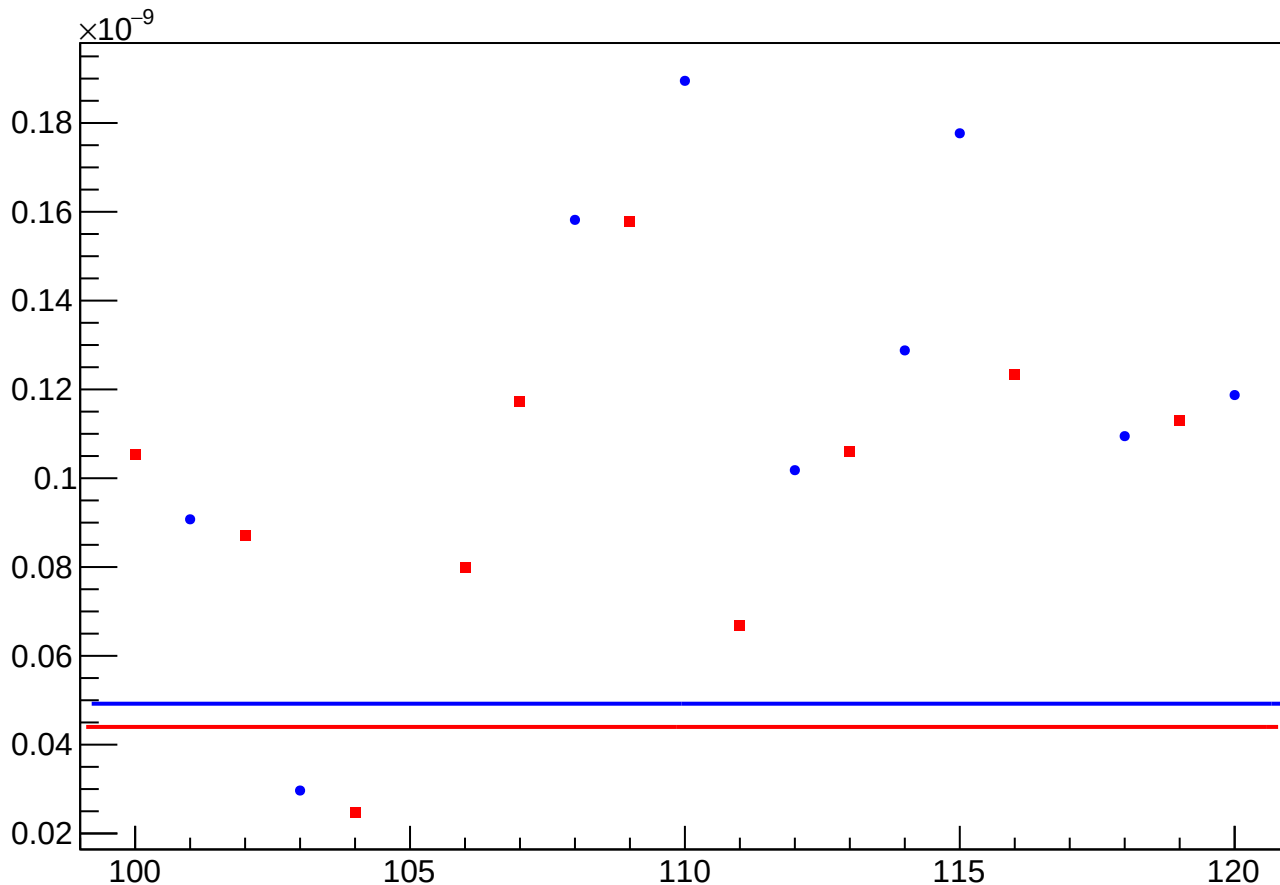
Right: 0.000+/-0.000 χ^2/NDF : 8.5/18

In: -0.000+/-0.000 χ^2/NDF : 6.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.5/18

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 : 1690650.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1768138.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

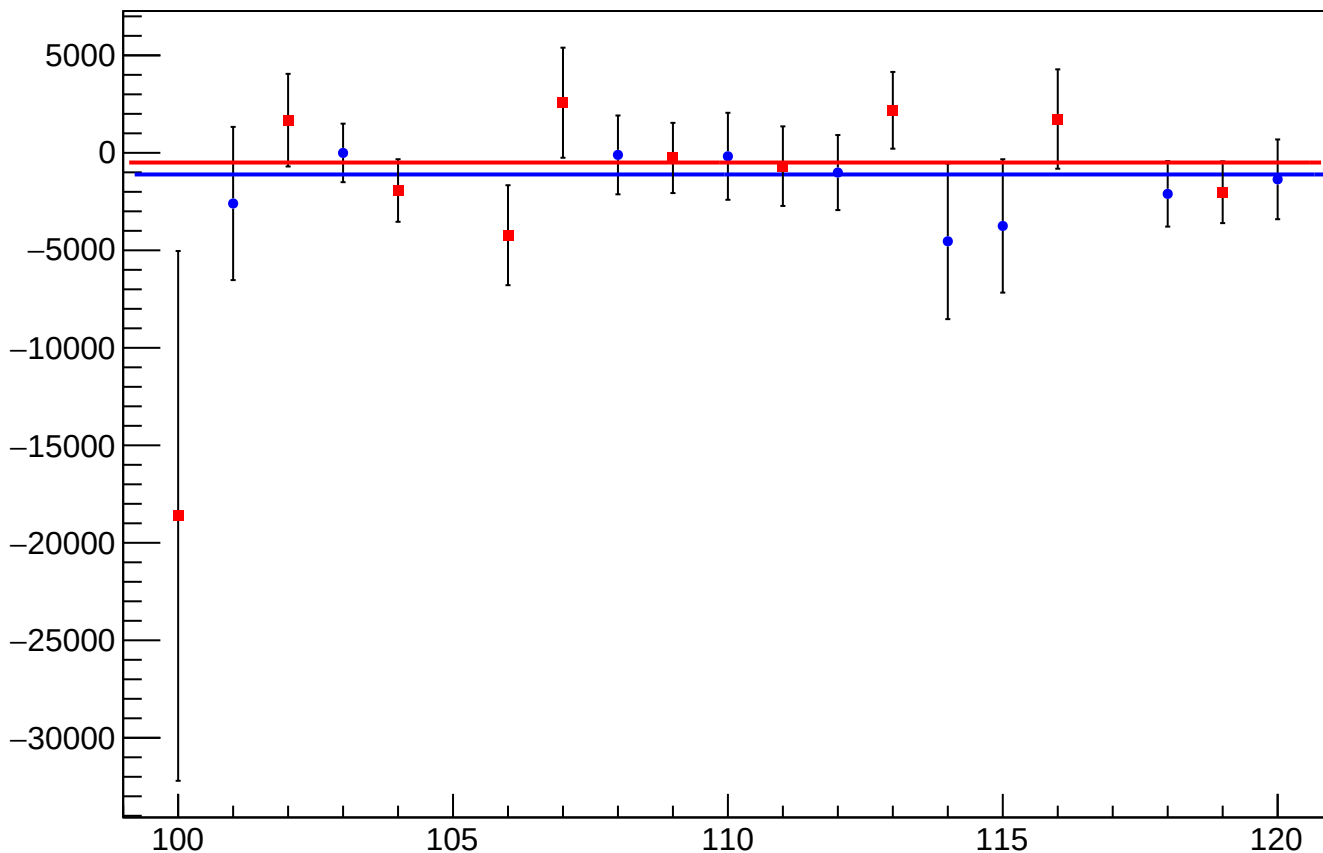
Right: 0.000+/-0.000 χ^2/NDF : 3477155.9/18

In: 0.000+/-0.000 χ^2/NDF : 1690650.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3477155.9/18

reg_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1108.969+/-713.000 χ^2/NDF : 2.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -496.610+/-672.908 χ^2/NDF : 10.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

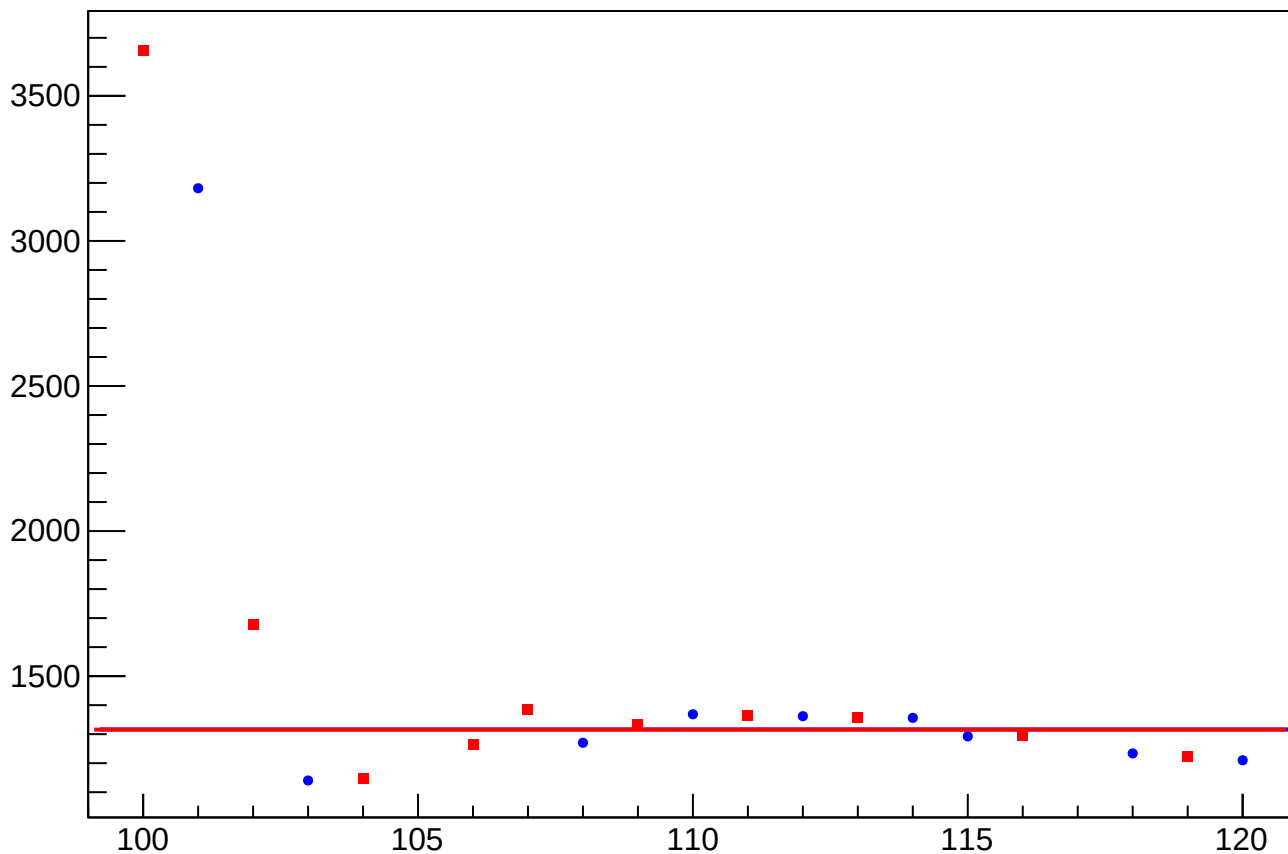
Right: -785.090+/-489.378 χ^2/NDF : 13.5/18

In: -1108.969+/-713.000 χ^2/NDF : 2.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -785.090+/-489.378 χ^2/NDF : 13.5/18

reg_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1316.312+/-0.504 χ^2/NDF : 492154.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1315.611+/-0.476 χ^2/NDF : 138635.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

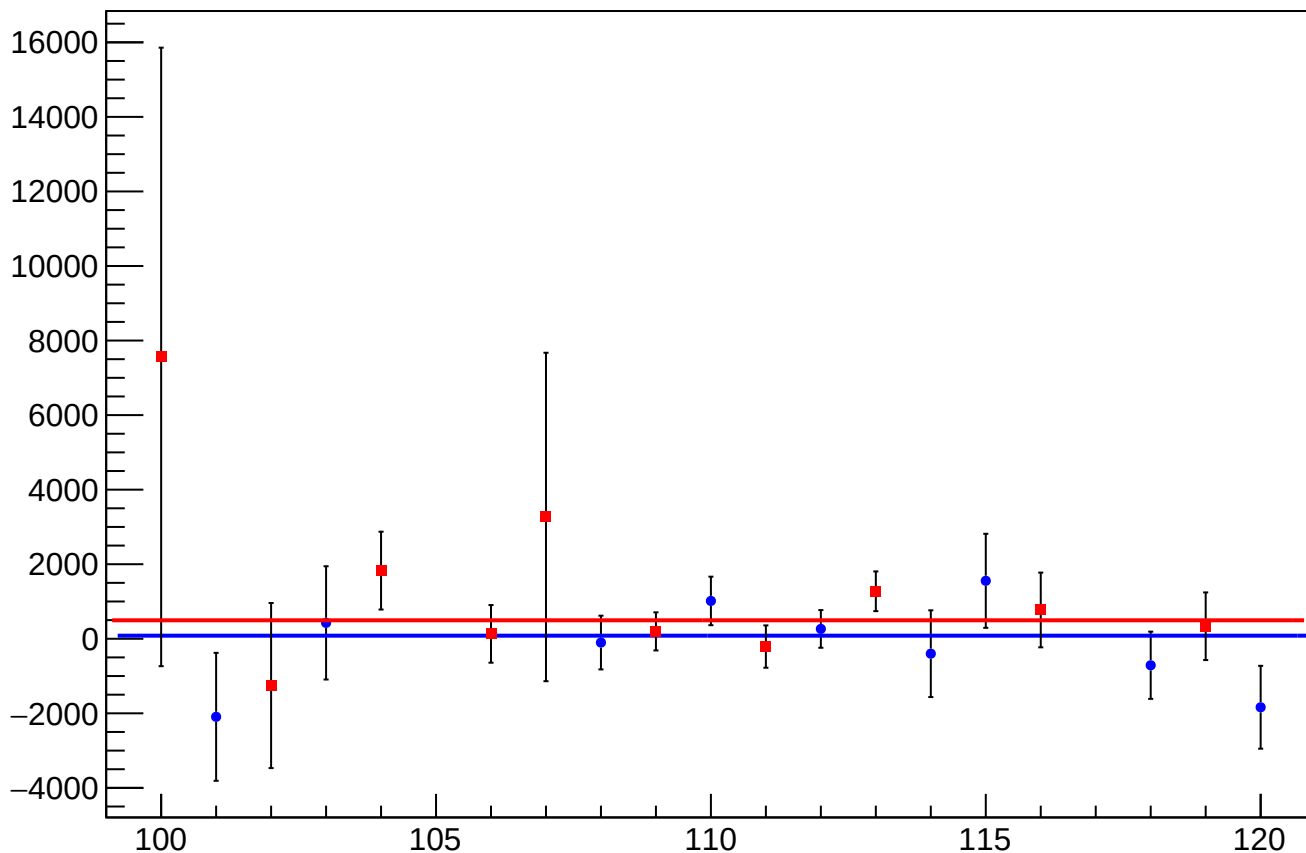
Right: 1315.941+/-0.346 χ^2/NDF : 630791.3/18

In: 1316.312+/-0.504 χ^2/NDF : 492154.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1315.941+/-0.346 χ^2/NDF : 630791.3/18

asym_atl_avg_atr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 83.006+/-284.236 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 495.406+/-253.769 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

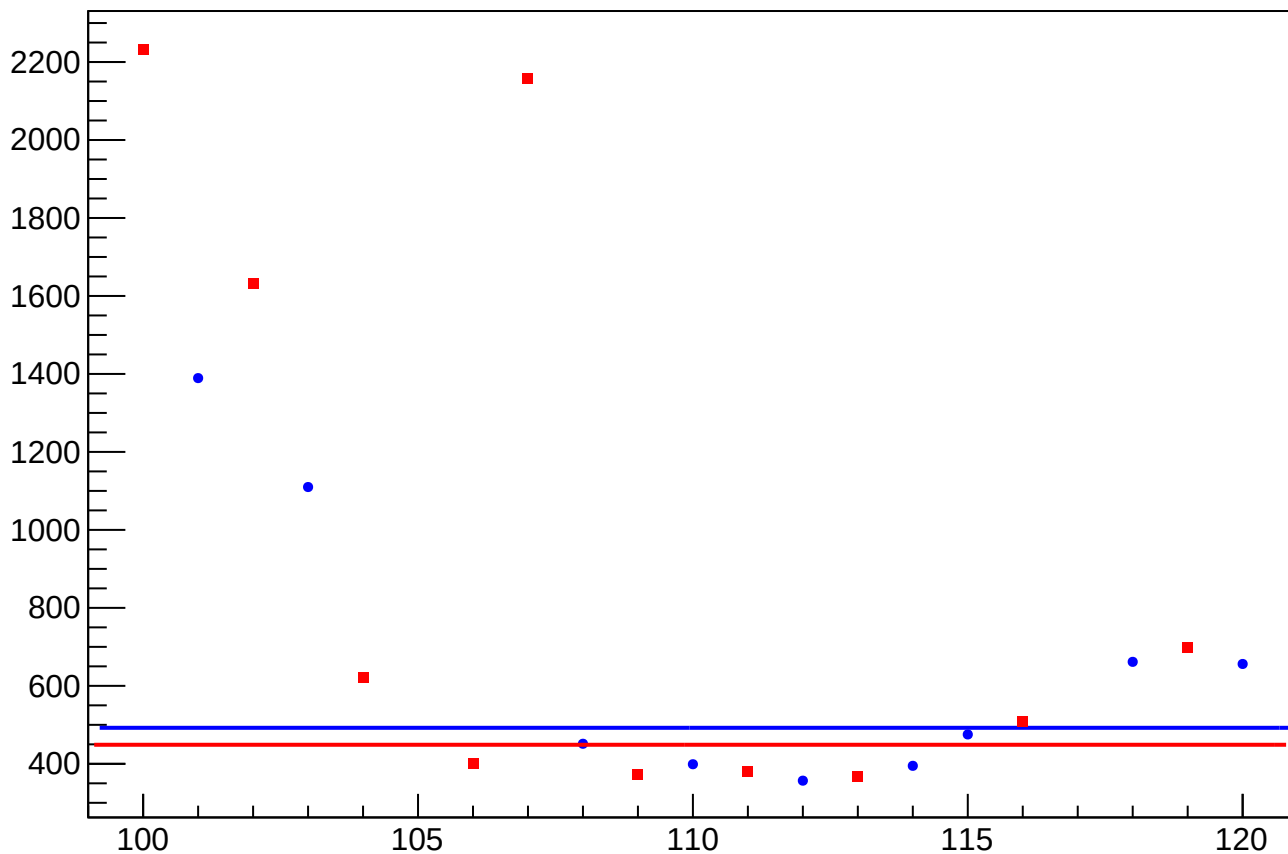
Right: 312.486+/-189.300 χ^2/NDF : 18.1/18

In: 83.006+/-284.236 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 312.486+/-189.300 χ^2/NDF : 18.1/18

asym_atl_avg_atr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 492.405+/-0.201 χ^2/NDF : 1196471.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 448.890+/-0.179 χ^2/NDF : 1307299.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

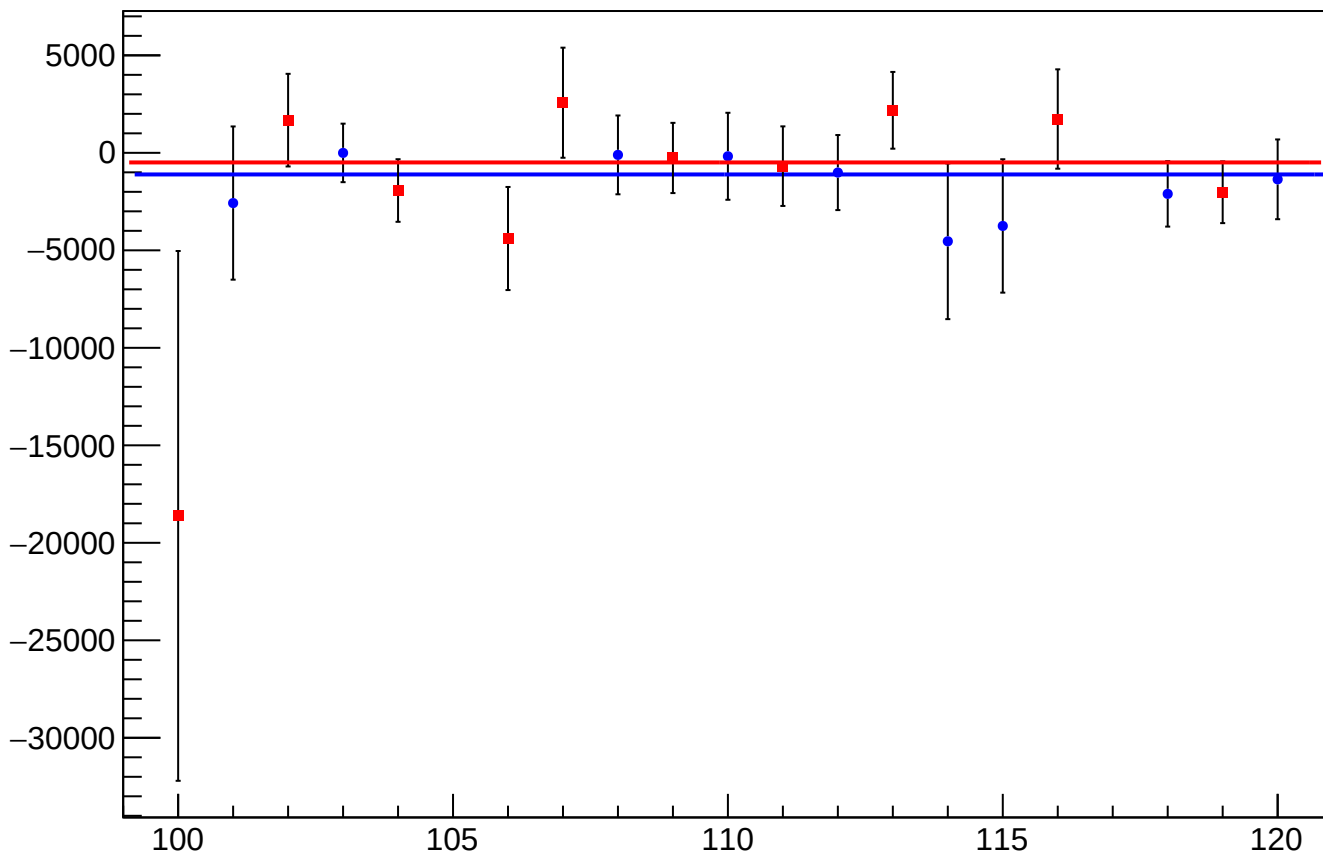
Right: 468.191+/-0.134 χ^2/NDF : 2529855.1/18

In: 492.405+/-0.201 χ^2/NDF :1196471.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 468.191+/-0.134 χ^2/NDF : 2529855.1/18

cor_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1108.183+/-713.000 χ^2/NDF : 2.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -492.259+/-674.299 χ^2/NDF : 10.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

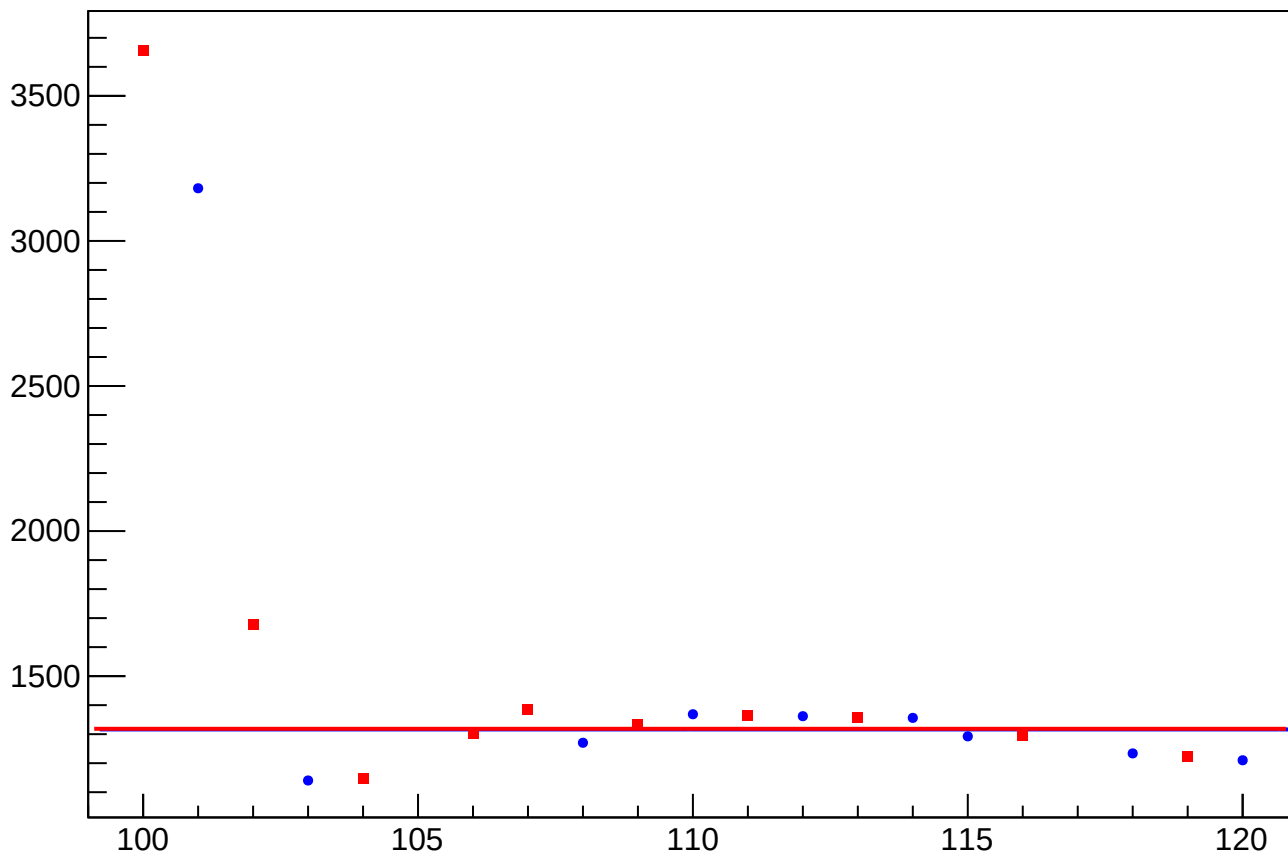
Right: -783.052+/-489.912 χ^2/NDF : 13.5/18

In: -1108.183+/-713.000 χ^2/NDF : 2.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -783.052+/-489.912 χ^2/NDF : 13.5/18

cor_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1316.311+/-0.504 χ^2/NDF : 492156.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1318.481+/-0.477 χ^2/NDF : 137799.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

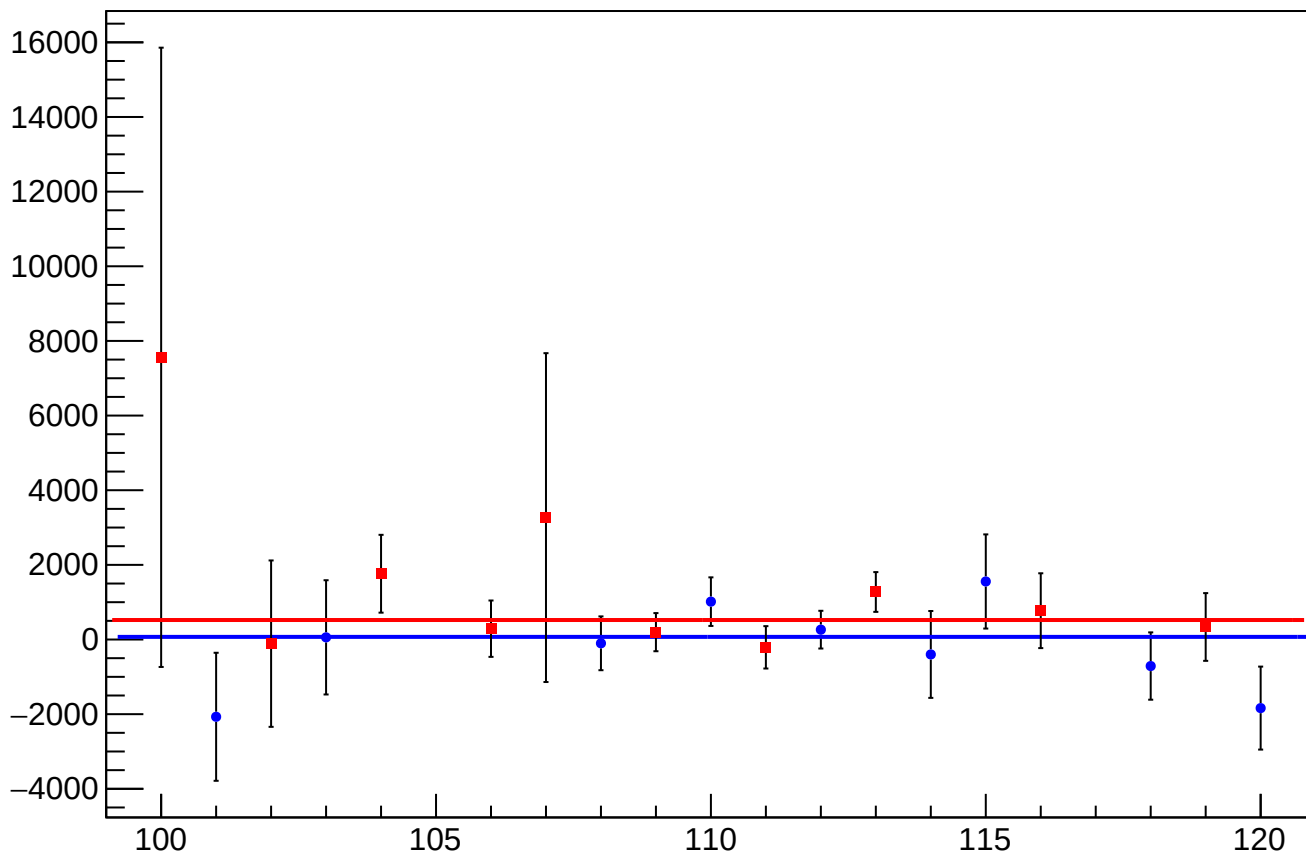
Right: 1317.457+/-0.346 χ^2/NDF : 629965.0/18

In: 1316.311+/-0.504 χ^2/NDF : 492156.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1317.457+/-0.346 χ^2/NDF : 629965.0/18

asym_atl_avg_atr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 70.751 $\pm$ 284.306 χ^2/NDF : 9.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 522.569 $\pm$ 253.099 χ^2/NDF : 6.9/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

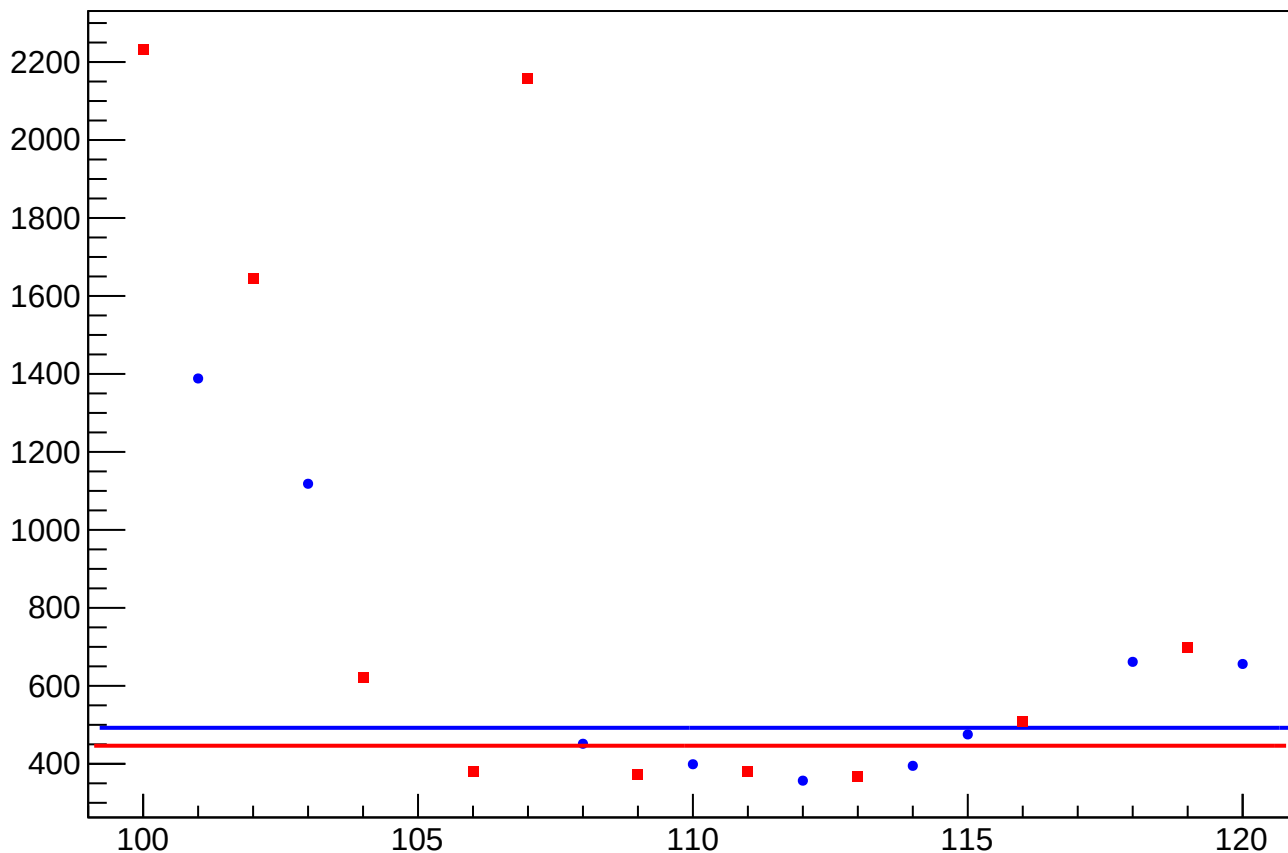
Right: 322.808 $\pm$ 189.042 χ^2/NDF : 17.4/18

In: 70.751 $\pm$ 284.306 χ^2/NDF : 9.1/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 322.808 $\pm$ 189.042 χ^2/NDF : 17.4/18

asym_atl_avg_atr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 492.389+/-0.201 χ^2/NDF : 1200123.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 446.427+/-0.179 χ^2/NDF : 1322258.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

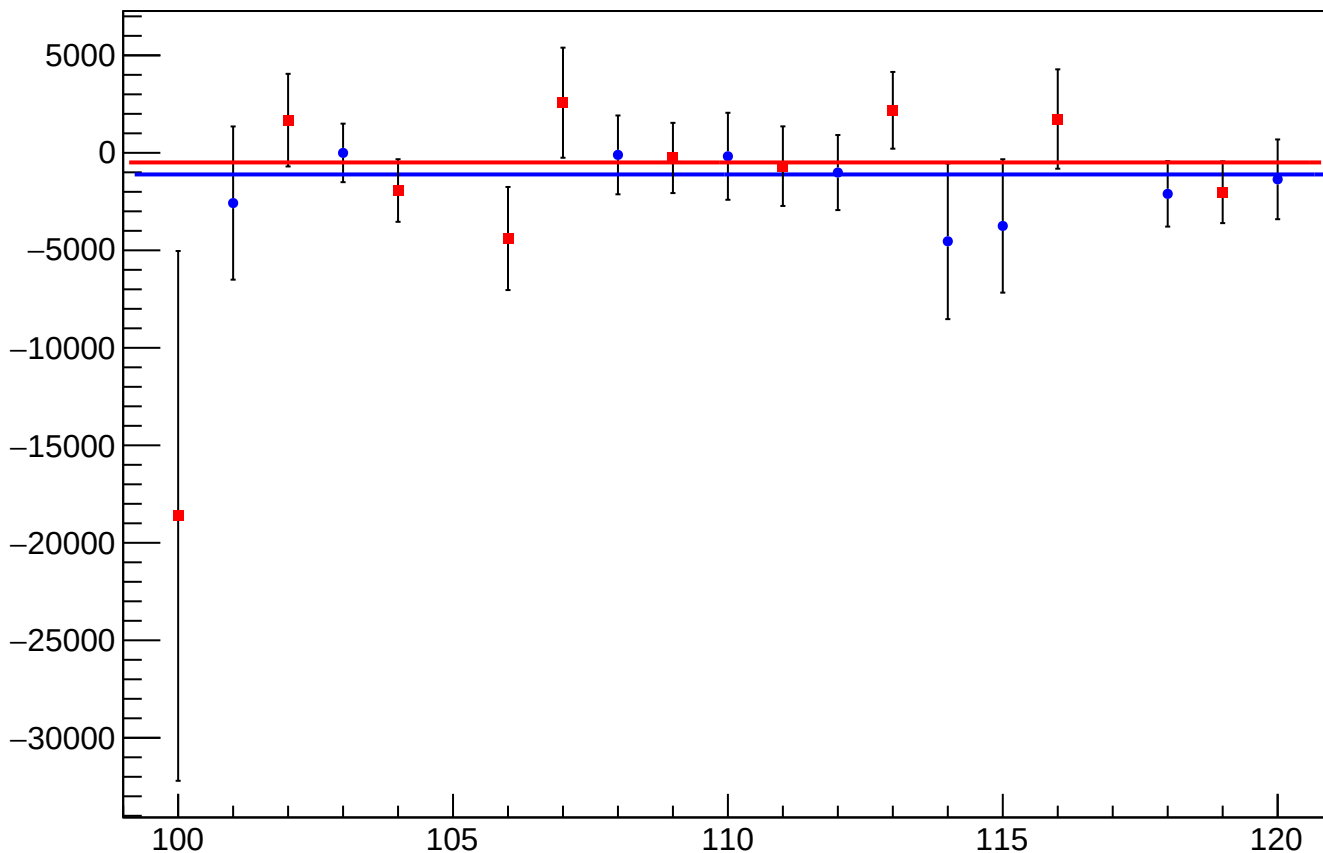
Right: 466.748+/-0.134 χ^2/NDF : 2551542.1/18

In: 492.389+/-0.201 χ^2/NDF : 1200123.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 466.748+/-0.134 χ^2/NDF : 2551542.1/18

eigen_cor_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1108.183+/-713.000 χ^2/NDF : 2.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -492.259+/-674.299 χ^2/NDF : 10.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

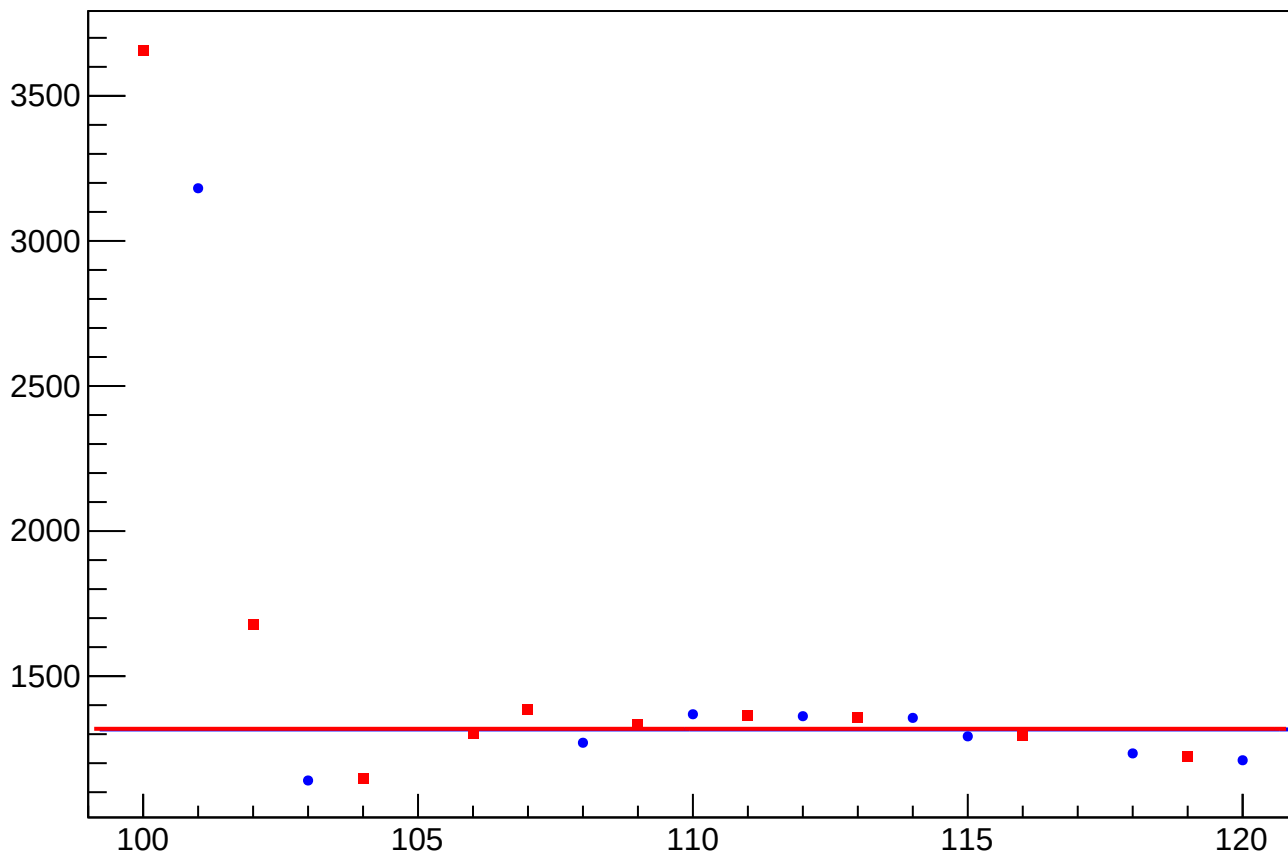
Right: -783.052+/-489.912 χ^2/NDF : 13.5/18

In: -1108.183+/-713.000 χ^2/NDF : 2.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -783.052+/-489.912 χ^2/NDF : 13.5/18

eigen_cor_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1316.311+/-0.504 χ^2/NDF : 492156.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1318.481+/-0.477 χ^2/NDF : 137799.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

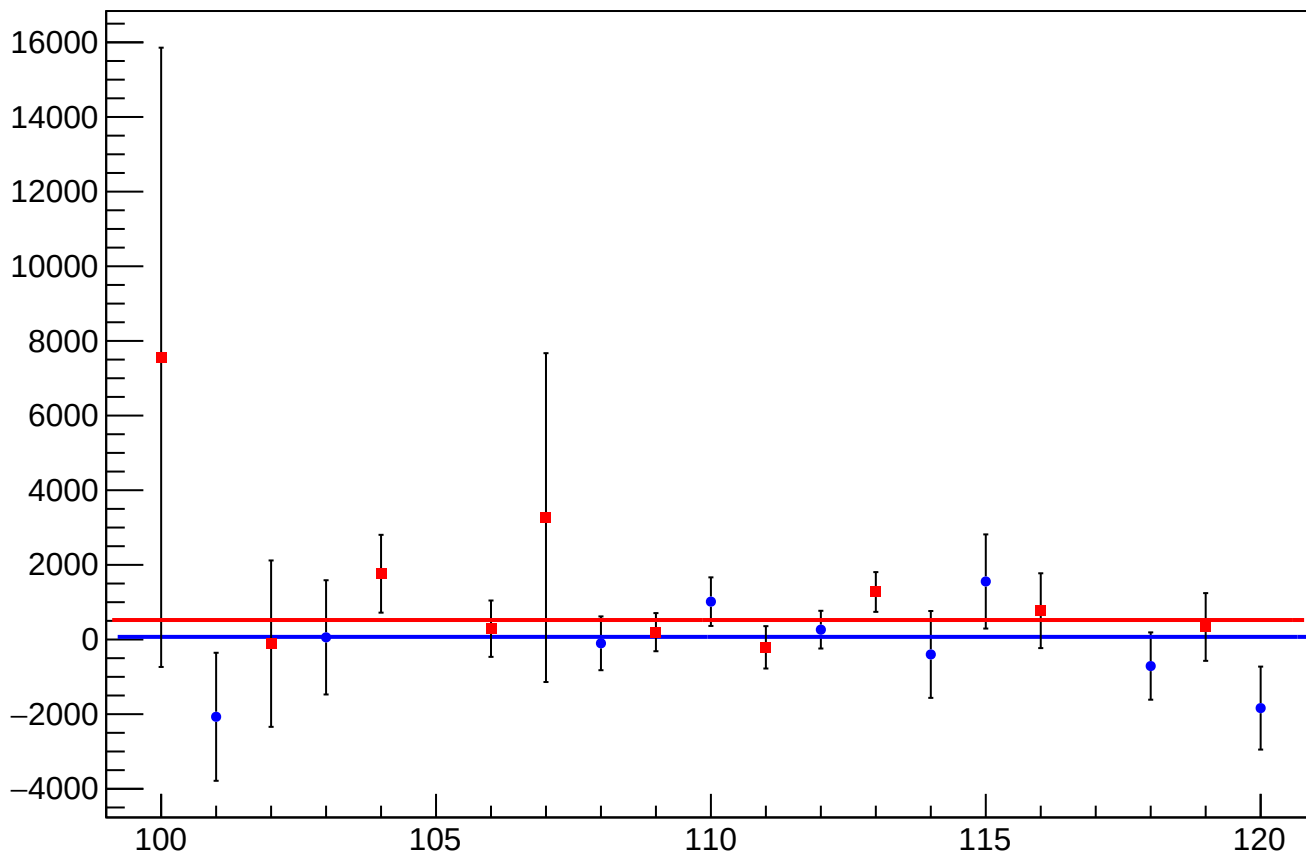
Right: 1317.457+/-0.346 χ^2/NDF : 629965.0/18

In: 1316.311+/-0.504 χ^2/NDF : 492156.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1317.457+/-0.346 χ^2/NDF : 629965.0/18

asym_atl_avg_atr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 70.751+/-284.306 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 522.569+/-253.099 χ^2/NDF : 6.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

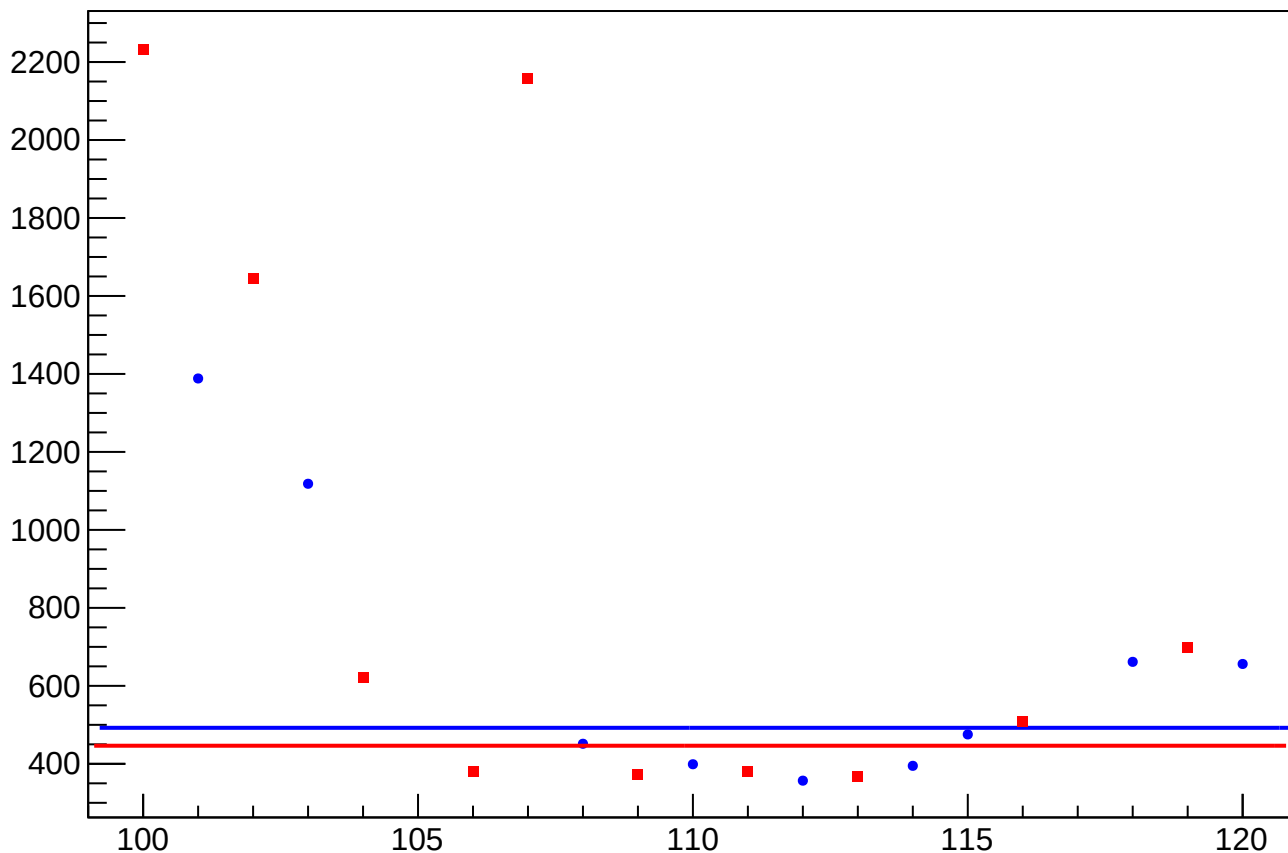
Right: 322.808+/-189.042 χ^2/NDF : 17.4/18

In: 70.751+/-284.306 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 322.808+/-189.042 χ^2/NDF : 17.4/18

asym_atl_avg_atr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 492.389+/-0.201 χ^2/NDF : 1200123.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 446.427+/-0.179 χ^2/NDF : 1322258.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

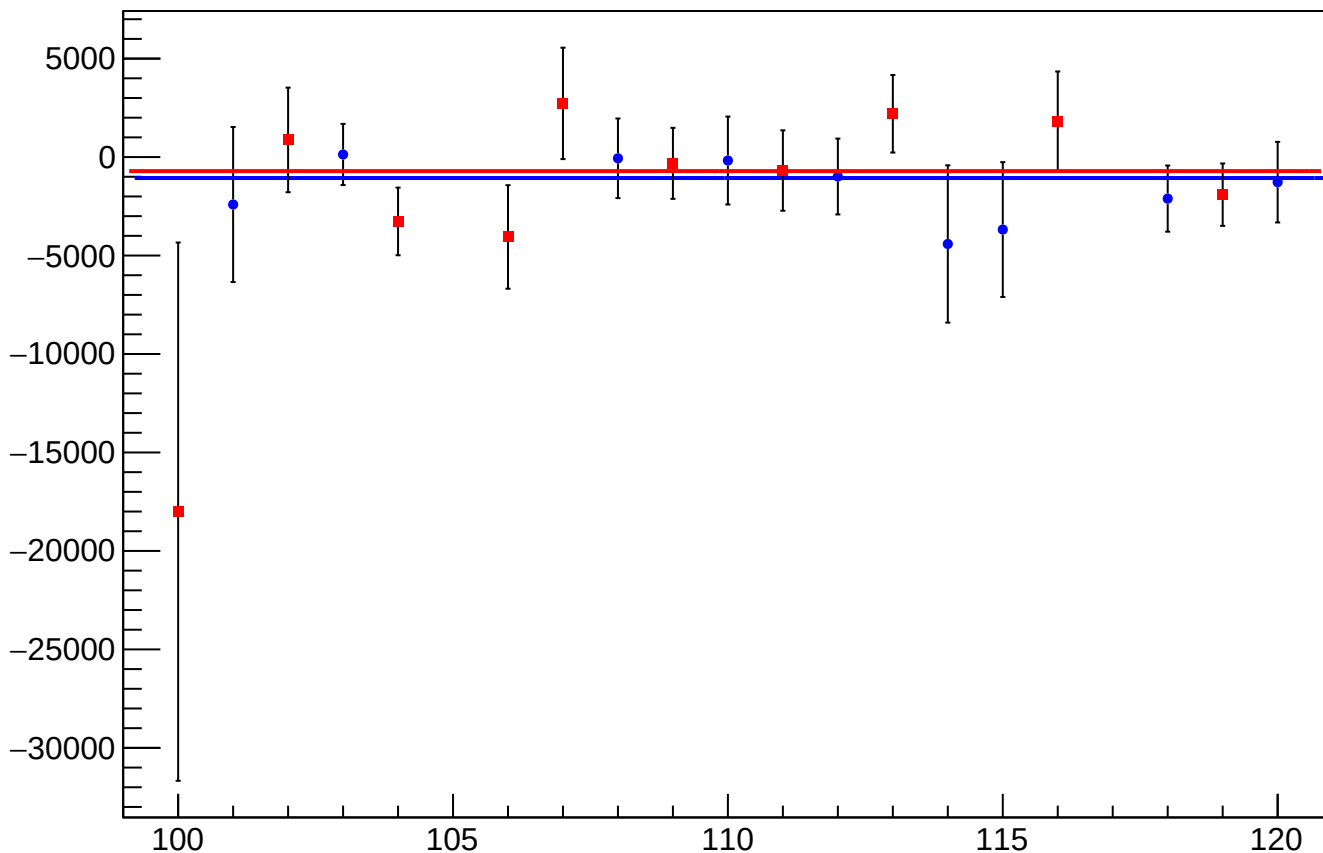
Right: 466.748+/-0.134 χ^2/NDF : 2551542.1/18

In: 492.389+/-0.201 χ^2/NDF : 1200123.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 466.748+/-0.134 χ^2/NDF : 2551542.1/18

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1064.390+/-718.777 χ^2/NDF : 2.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -712.913+/-687.821 χ^2/NDF : 11.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

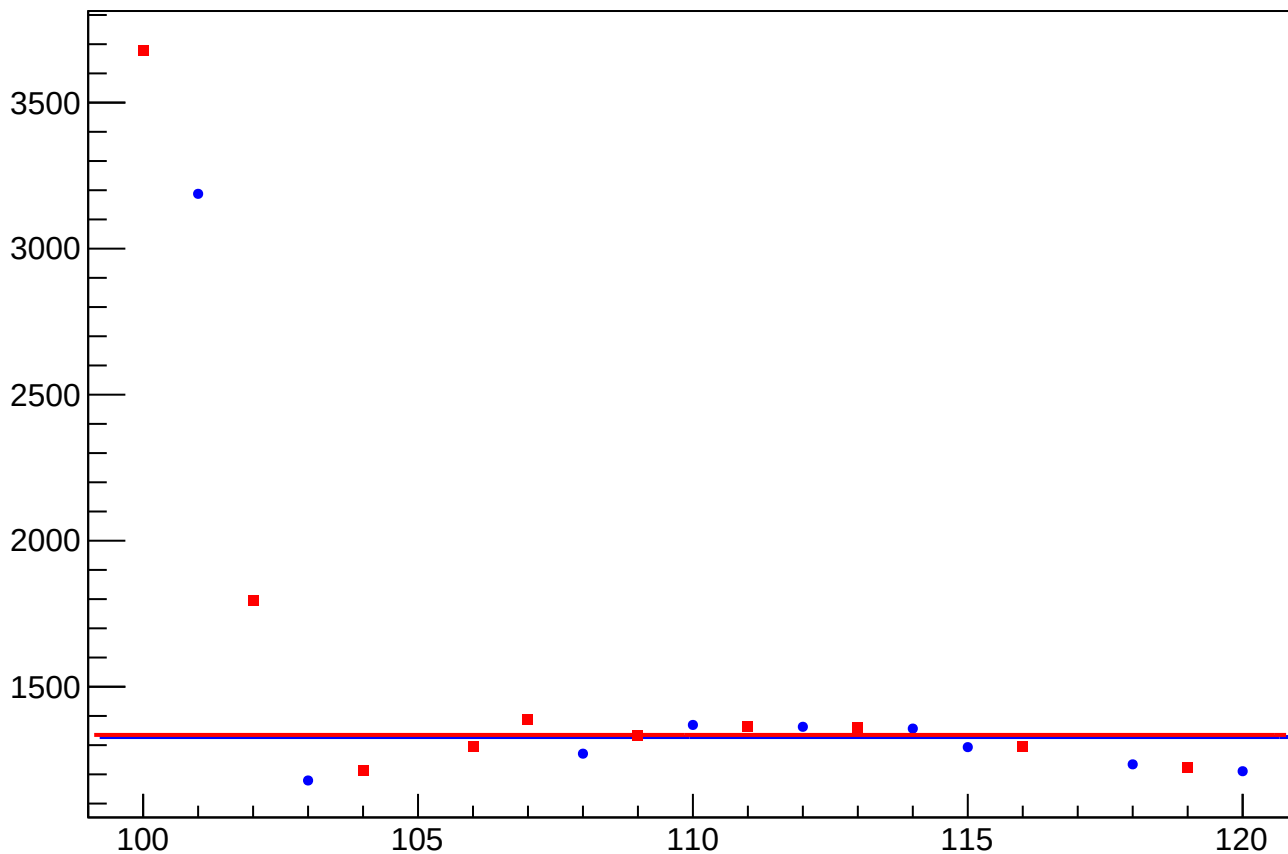
Right: -880.920+/-496.946 χ^2/NDF : 14.0/18

In: -1064.390+/-718.777 χ^2/NDF : 2.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -880.920+/-496.946 χ^2/NDF : 14.0/18

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1327.794+/-0.508 χ^2/NDF : 480850.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1335.059+/-0.486 χ^2/NDF : 141156.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

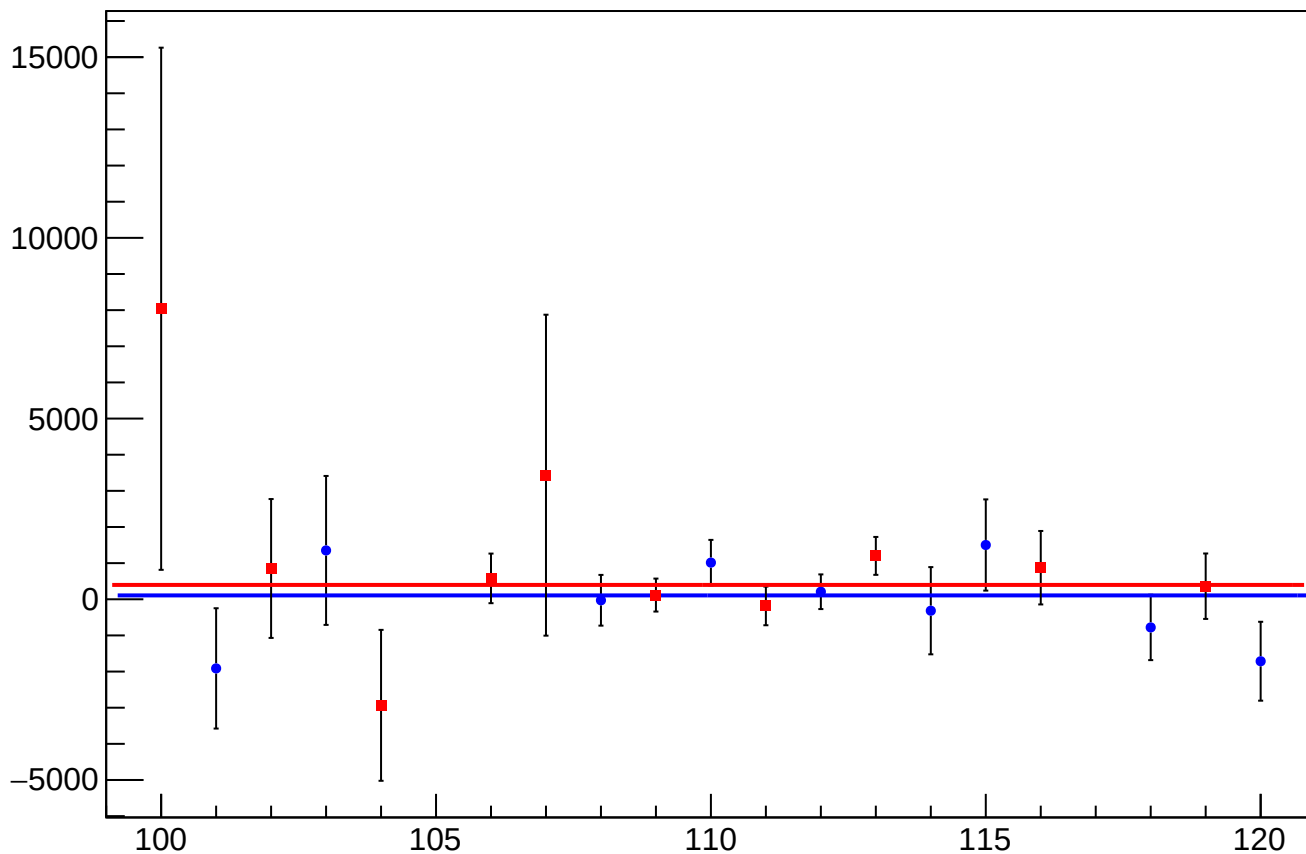
Right: 1331.586+/-0.351 χ^2/NDF : 622113.4/18

In: 1327.794+/-0.508 χ^2/NDF : 480850.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1331.586+/-0.351 χ^2/NDF : 622113.4/18

asym_atl_avg_atr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 107.097+/-278.692 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 397.178+/-243.806 χ^2/NDF : 8.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

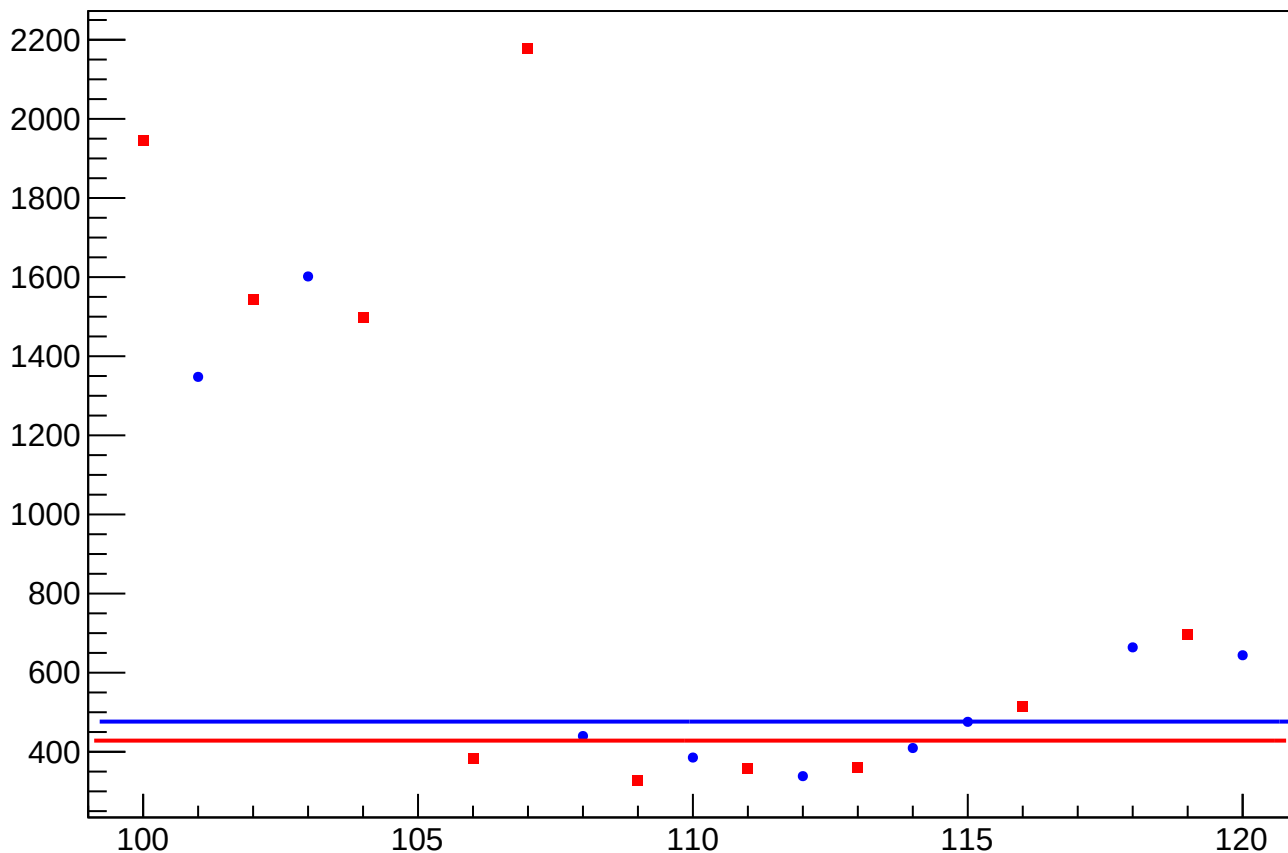
Right: 271.420+/-183.499 χ^2/NDF : 18.1/18

In: 107.097+/-278.692 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 271.420+/-183.499 χ^2/NDF : 18.1/18

asym_atl_avg_atr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 476.378+/-0.197 χ^2/NDF : 1496461.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 428.276+/-0.172 χ^2/NDF : 1964489.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

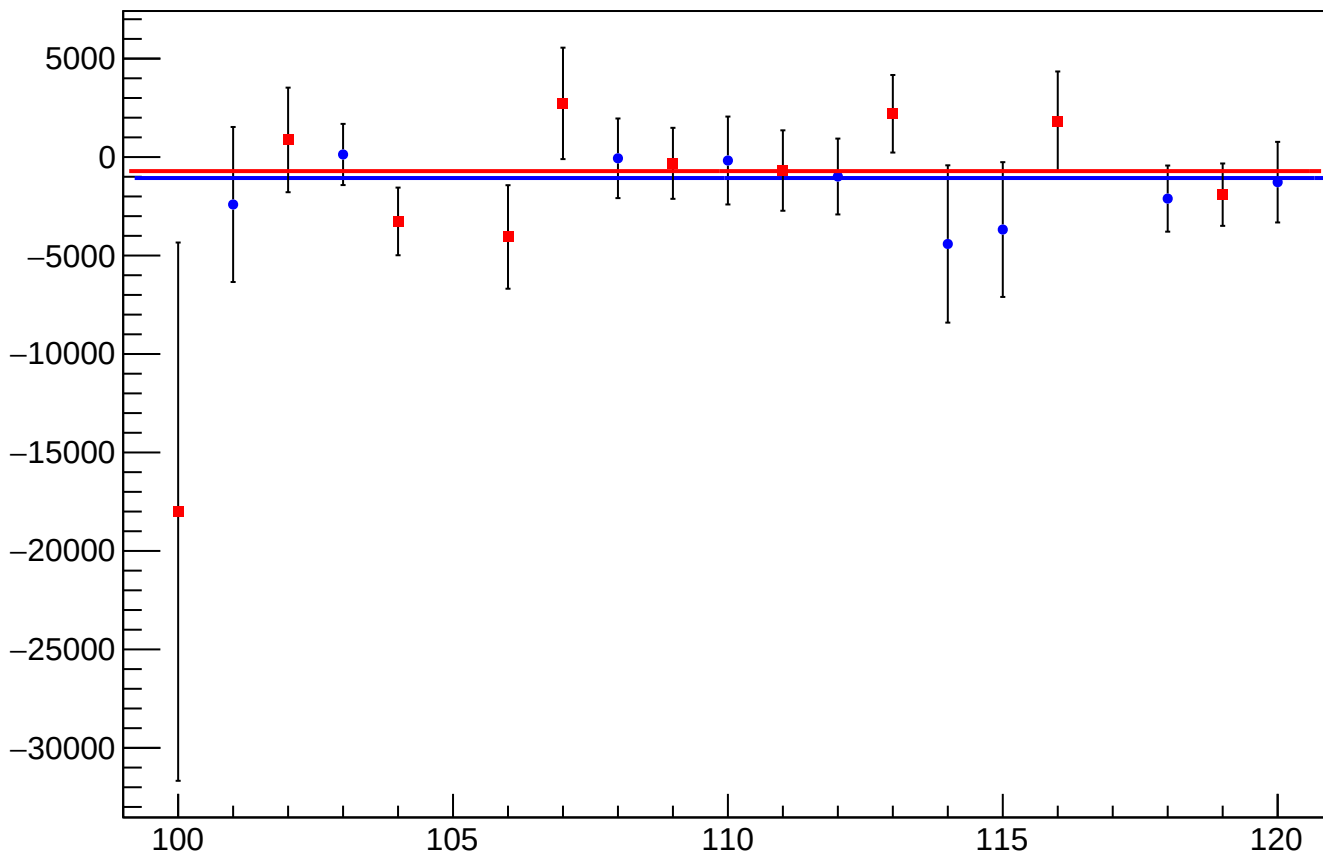
Right: 449.129+/-0.130 χ^2/NDF : 3494702.5/18

In: 476.378+/-0.197 χ^2/NDF : 1496461.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 449.129+/-0.130 χ^2/NDF : 3494702.5/18

eigen_dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1064.388+/-718.777 χ^2/NDF : 2.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -712.914+/-687.821 χ^2/NDF : 11.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

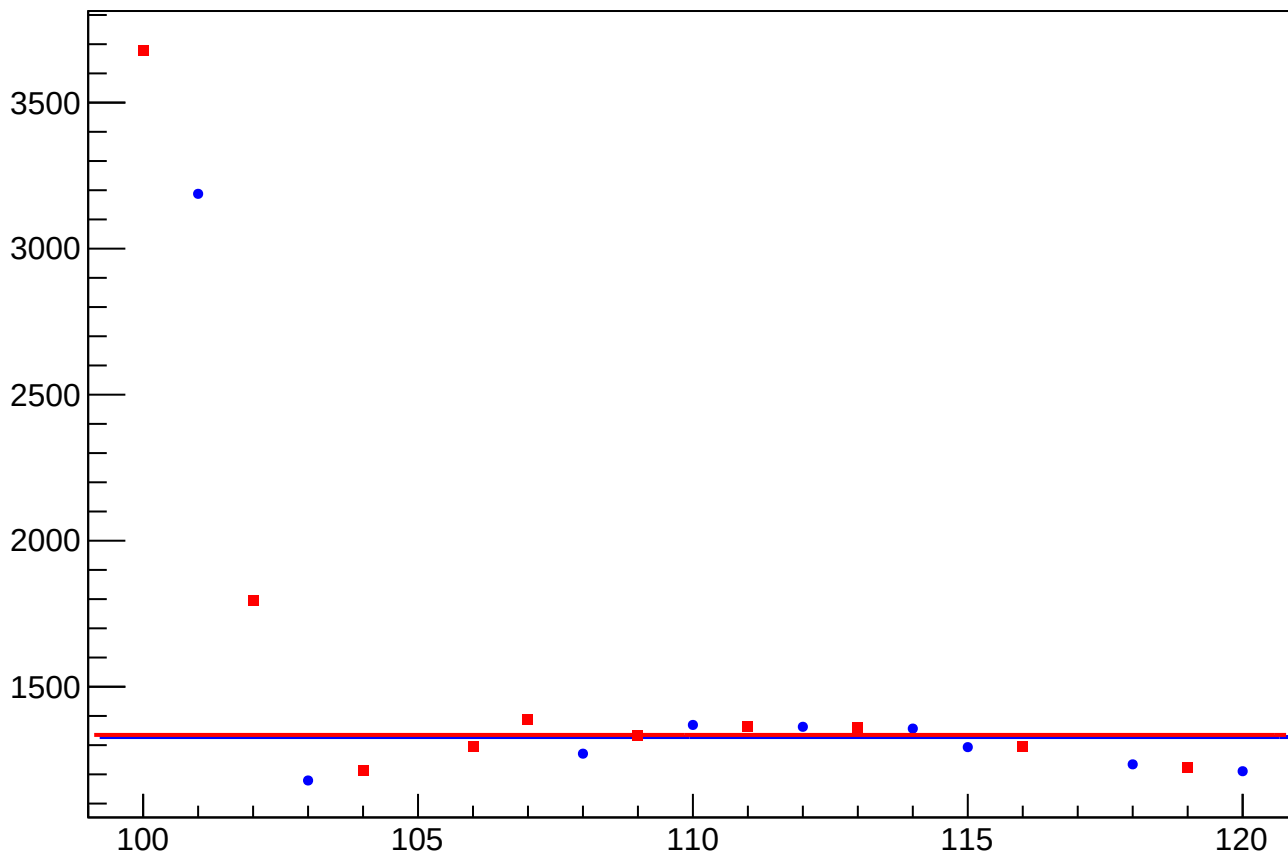
Right: -880.919+/-496.946 χ^2/NDF : 14.0/18

In: -1064.388+/-718.777 χ^2/NDF : 2.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -880.919+/-496.946 χ^2/NDF : 14.0/18

eigen_dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1327.794+/-0.508 χ^2/NDF : 480850.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1335.059+/-0.486 χ^2/NDF : 141156.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

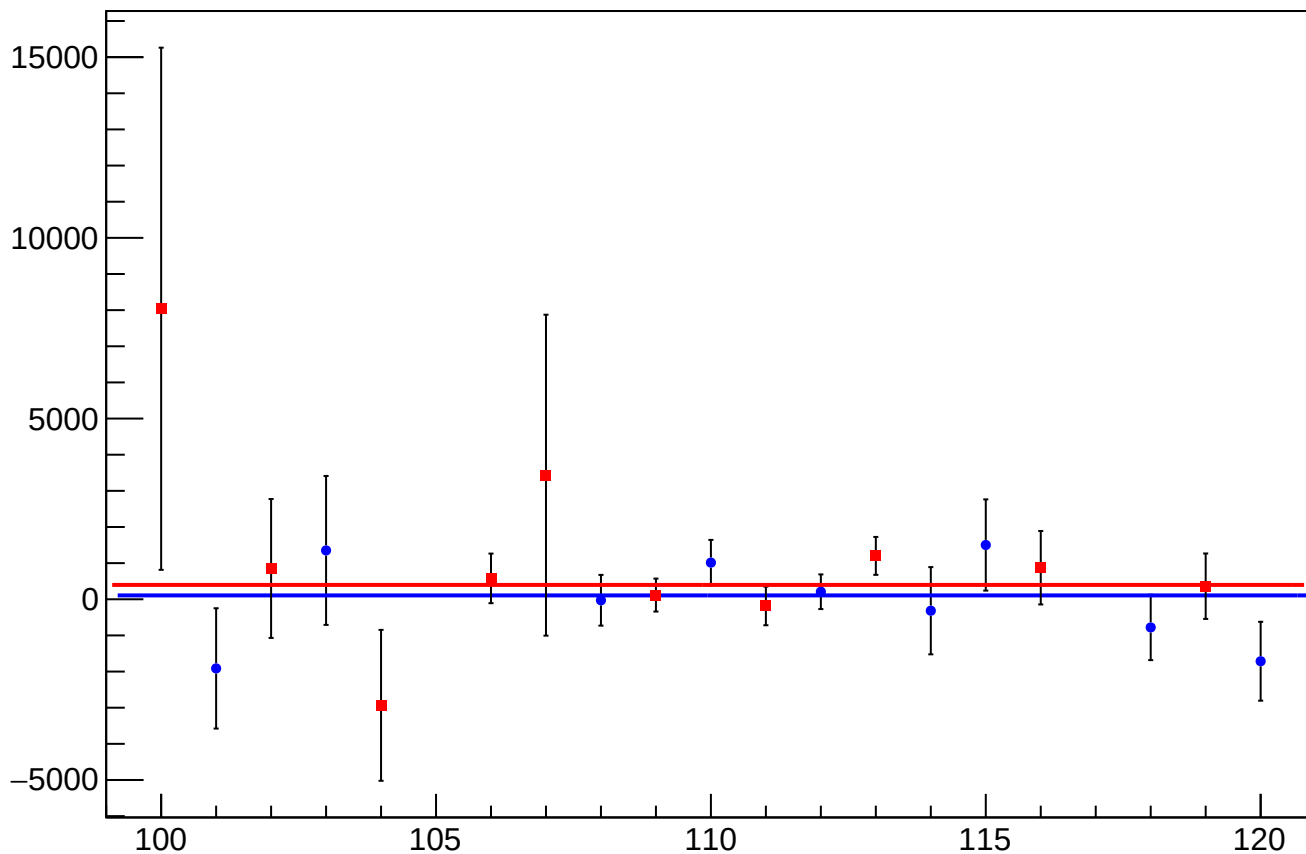
Right: 1331.586+/-0.351 χ^2/NDF : 622113.3/18

In: 1327.794+/-0.508 χ^2/NDF : 480850.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1331.586+/-0.351 χ^2/NDF : 622113.3/18

asym_atl_avg_atr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 107.098+/-278.691 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 397.177+/-243.806 χ^2/NDF : 8.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

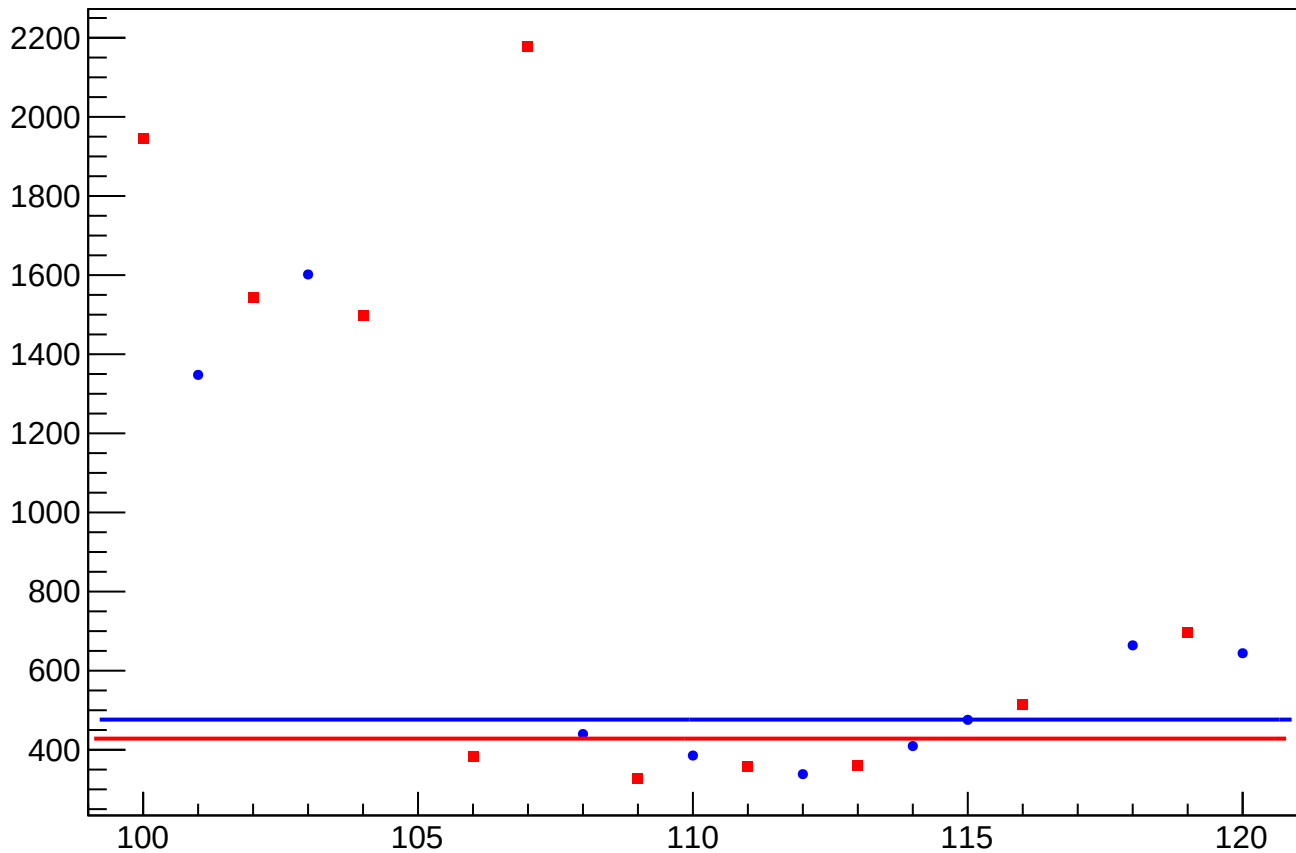
Right: 271.419+/-183.498 χ^2/NDF : 18.1/18

In: 107.098+/-278.691 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 271.419+/-183.498 χ^2/NDF : 18.1/18

asym_atl_avg_atr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 476.376+/-0.197 χ^2/NDF : 1496469.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 428.274+/-0.172 χ^2/NDF : 1964499.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

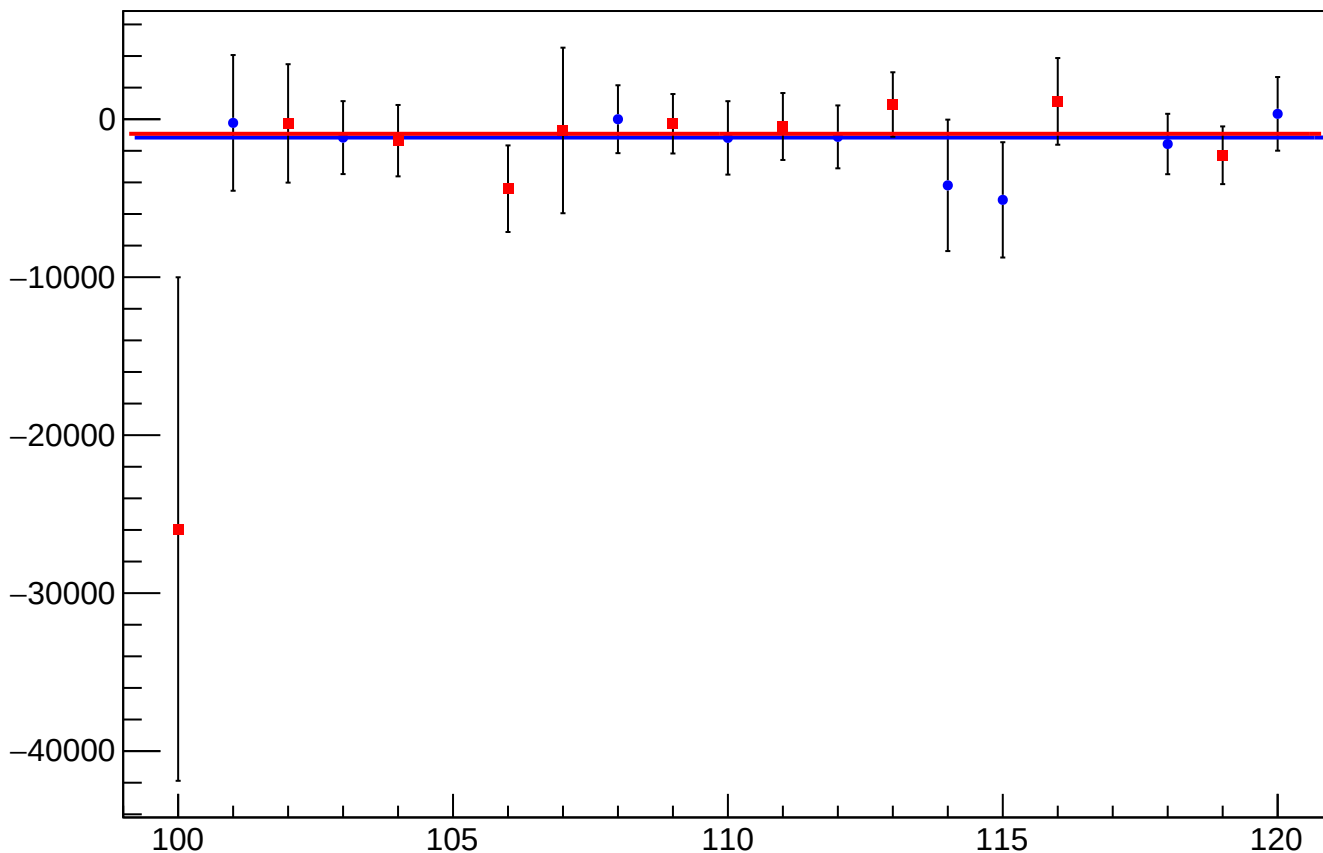
Right: 449.128+/-0.130 χ^2/NDF : 3494719.1/18

In: 476.376+/-0.197 χ^2/NDF : 1496469.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 449.128+/-0.130 χ^2/NDF : 3494719.1/18

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1160.171+/-820.285 χ^2/NDF : 2.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -922.444+/-786.069 χ^2/NDF : 6.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

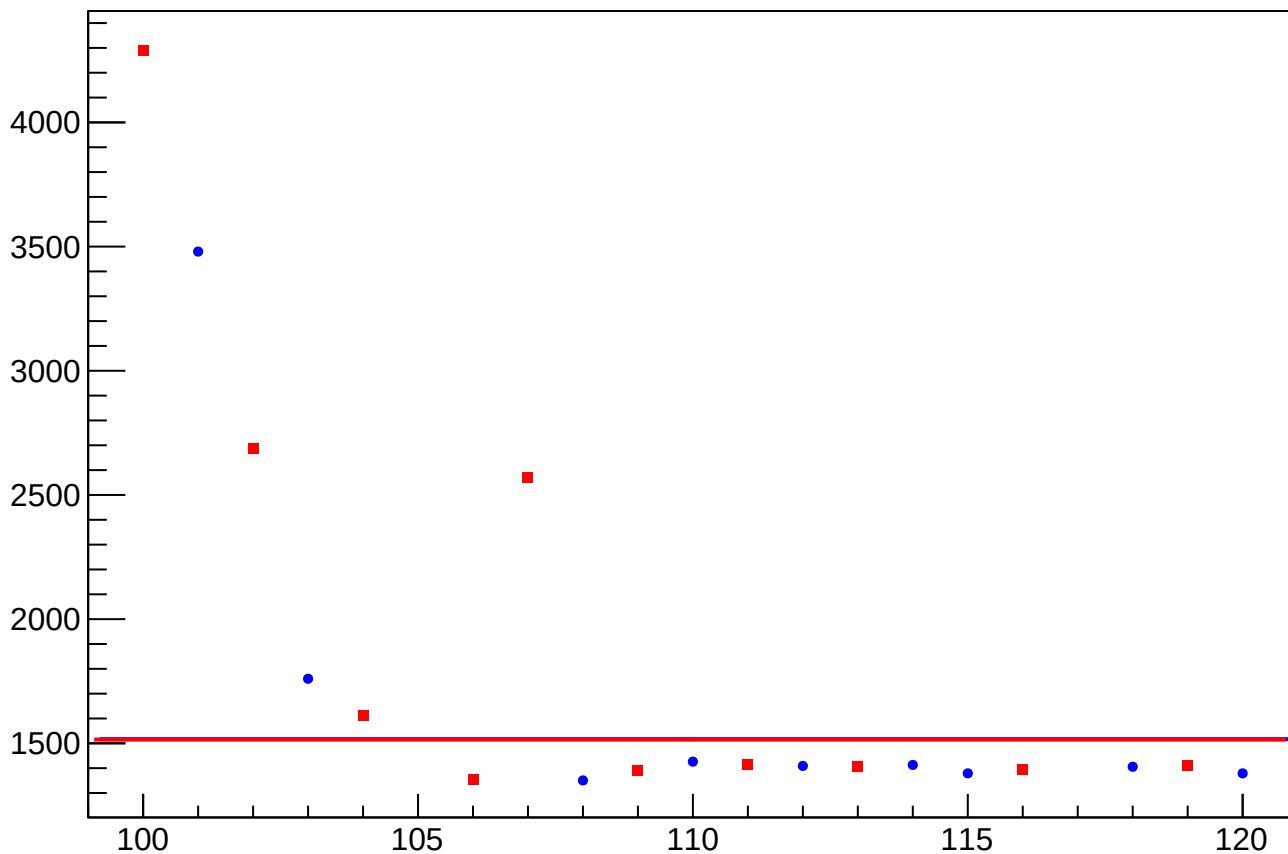
Right: -1036.246+/-567.546 χ^2/NDF : 8.8/18

In: -1160.171+/-820.285 χ^2/NDF : 2.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1036.246+/-567.546 χ^2/NDF : 8.8/18

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1516.769+/-0.580 χ^2/NDF : 478594.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1515.224+/-0.556 χ^2/NDF : 376520.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

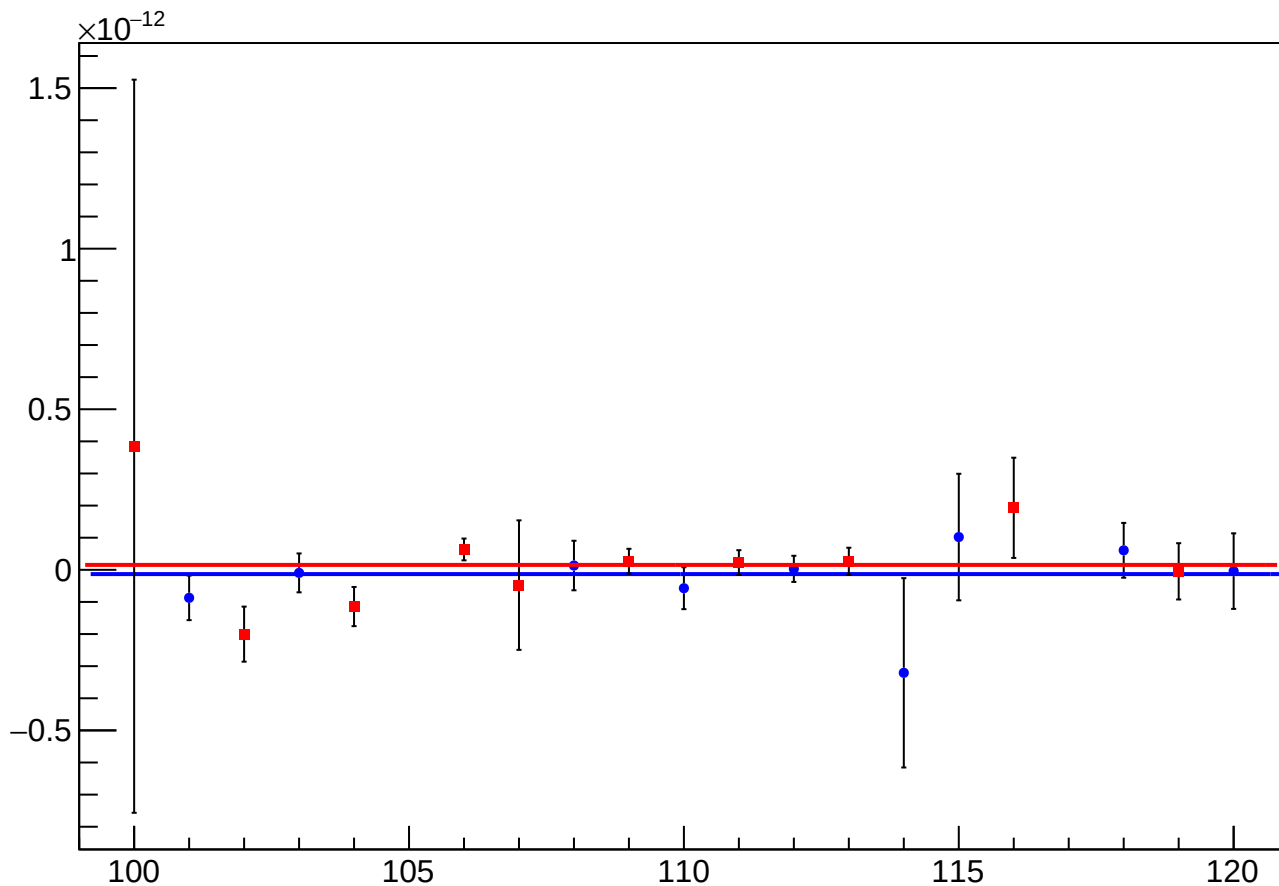
Right: 1515.964+/-0.401 χ^2/NDF : 855118.8/18

In: 1516.769+/-0.580 χ^2/NDF : 478594.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1515.964+/-0.401 χ^2/NDF : 855118.8/18

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

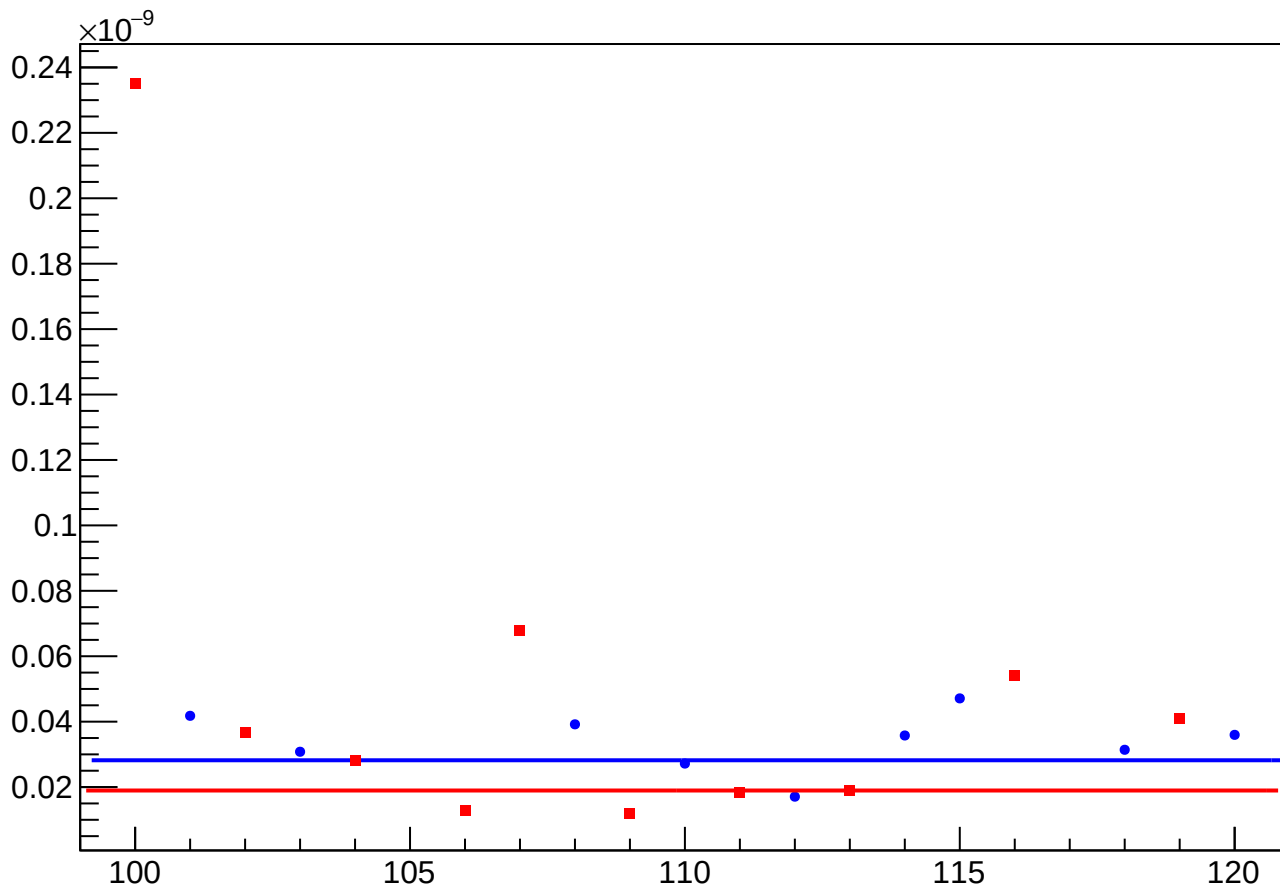
Right: 0.000+/-0.000 χ^2/NDF : 19.6/18

In: -0.000+/-0.000 χ^2/NDF :4.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.6/18

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 302087.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 683711.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

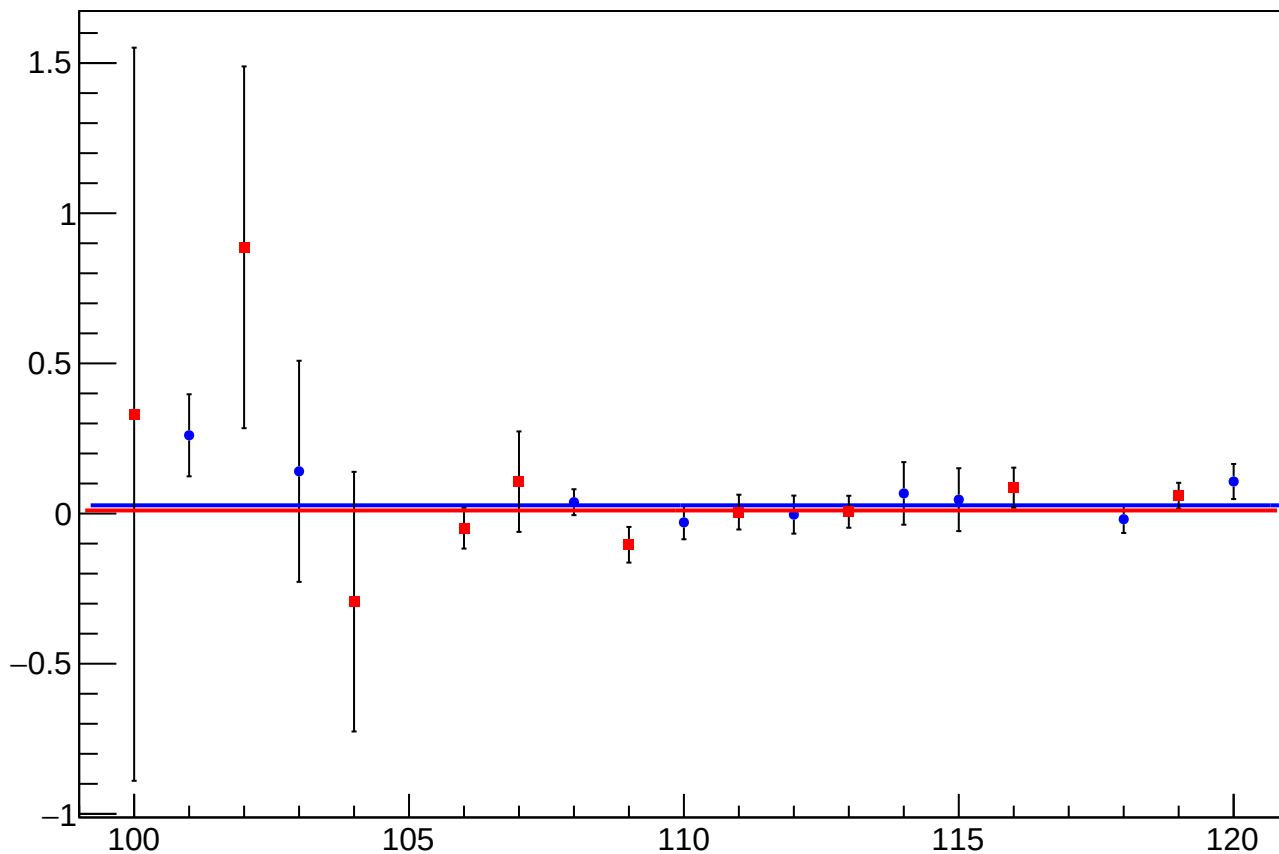
Right: 0.000+/-0.000 χ^2/NDF : 1181403.8/18

In: 0.000+/-0.000 χ^2/NDF : 302087.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1181403.8/18

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.027+/-0.022 χ^2/NDF : 7.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.023 χ^2/NDF : 10.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

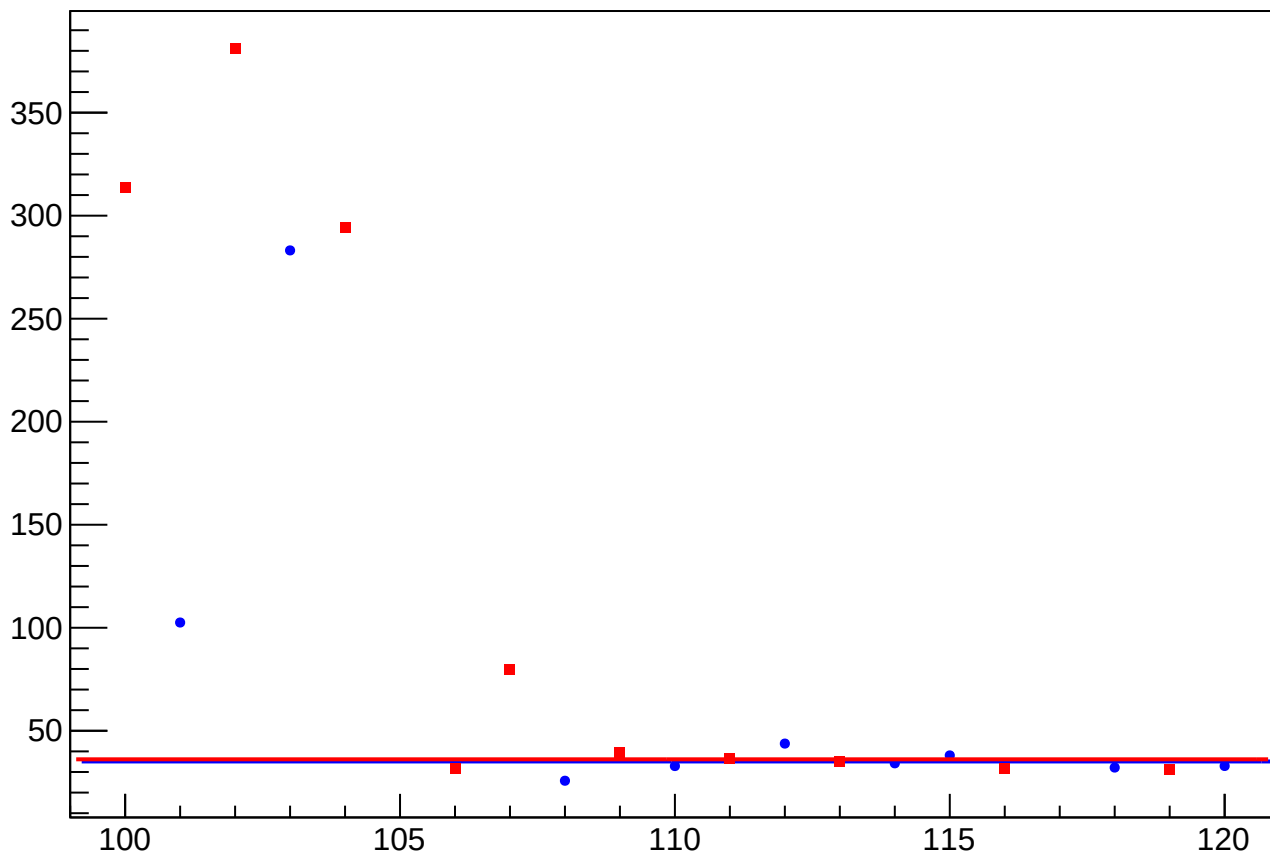
Right: 0.019+/-0.016 χ^2/NDF : 17.7/18

In: 0.027+/-0.022 χ^2/NDF : 7.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.016 χ^2/NDF : 17.7/18

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.116+/-0.015 χ^2/NDF : 1543052.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.153+/-0.016 χ^2/NDF : 1659955.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

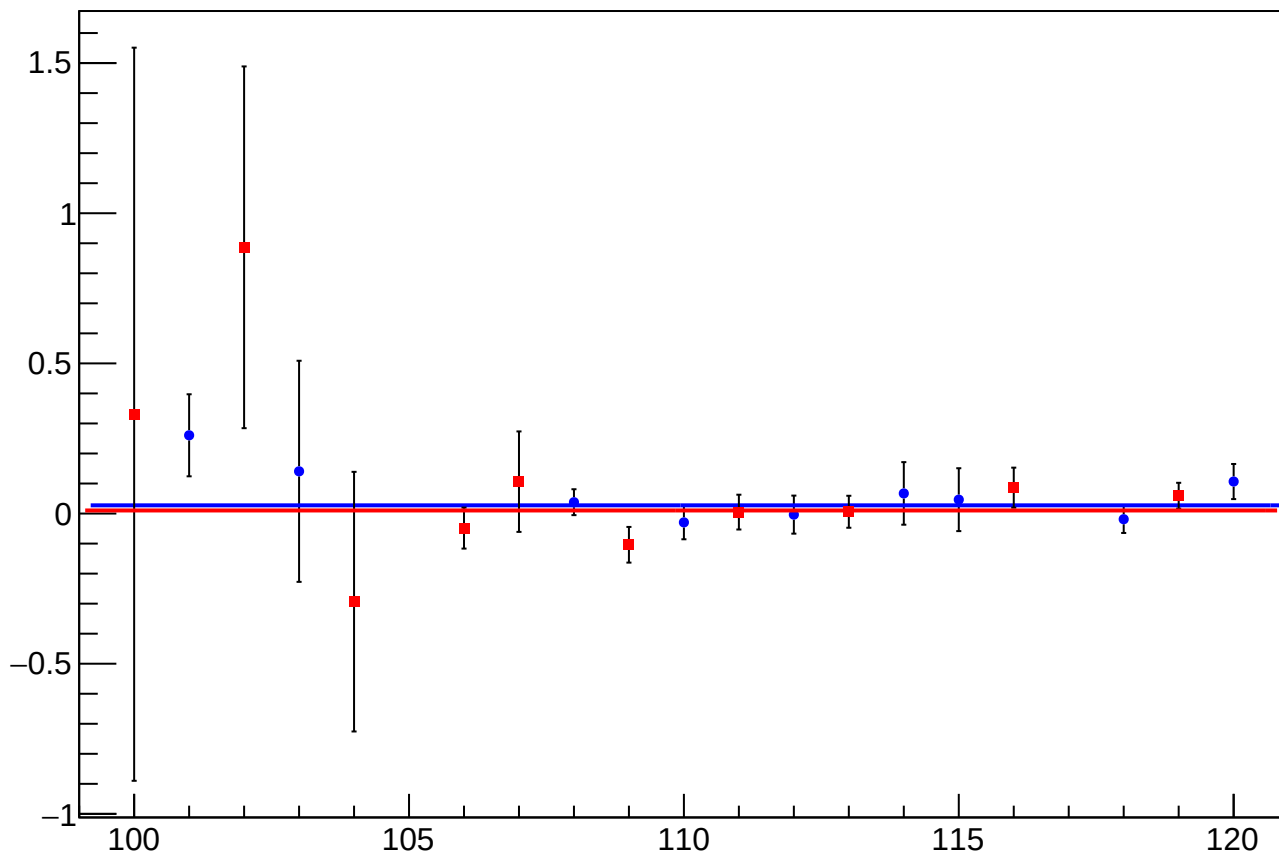
Right: 35.615+/-0.011 χ^2/NDF : 3205198.1/18

In: 35.116+/-0.015 χ^2/NDF : 1543052.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.615+/-0.011 χ^2/NDF : 3205198.1/18

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.027+/-0.022 χ^2/NDF : 7.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.023 χ^2/NDF : 10.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

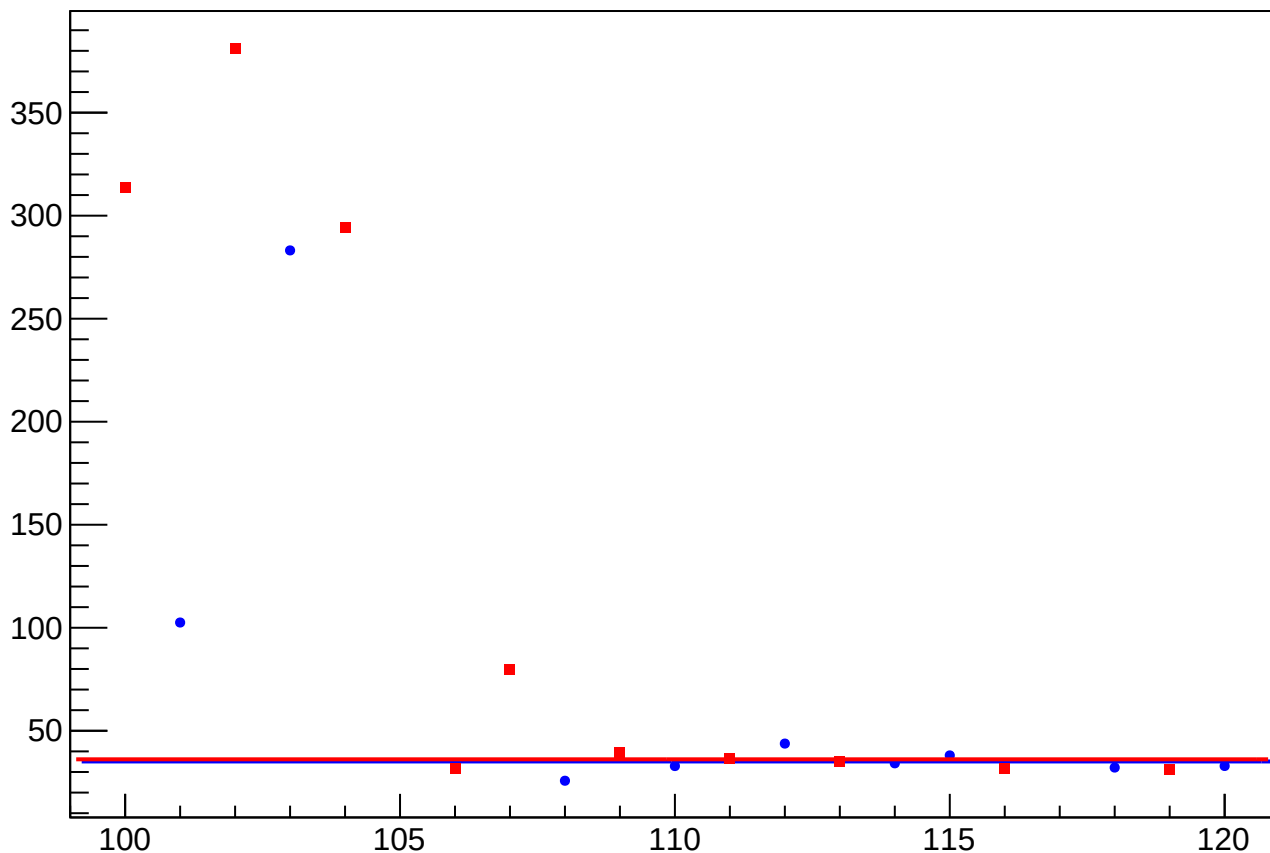
Right: 0.019+/-0.016 χ^2/NDF : 17.7/18

In: 0.027+/-0.022 χ^2/NDF : 7.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.016 χ^2/NDF : 17.7/18

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.116+/-0.015 χ^2/NDF : 1543052.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.153+/-0.016 χ^2/NDF : 1659955.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

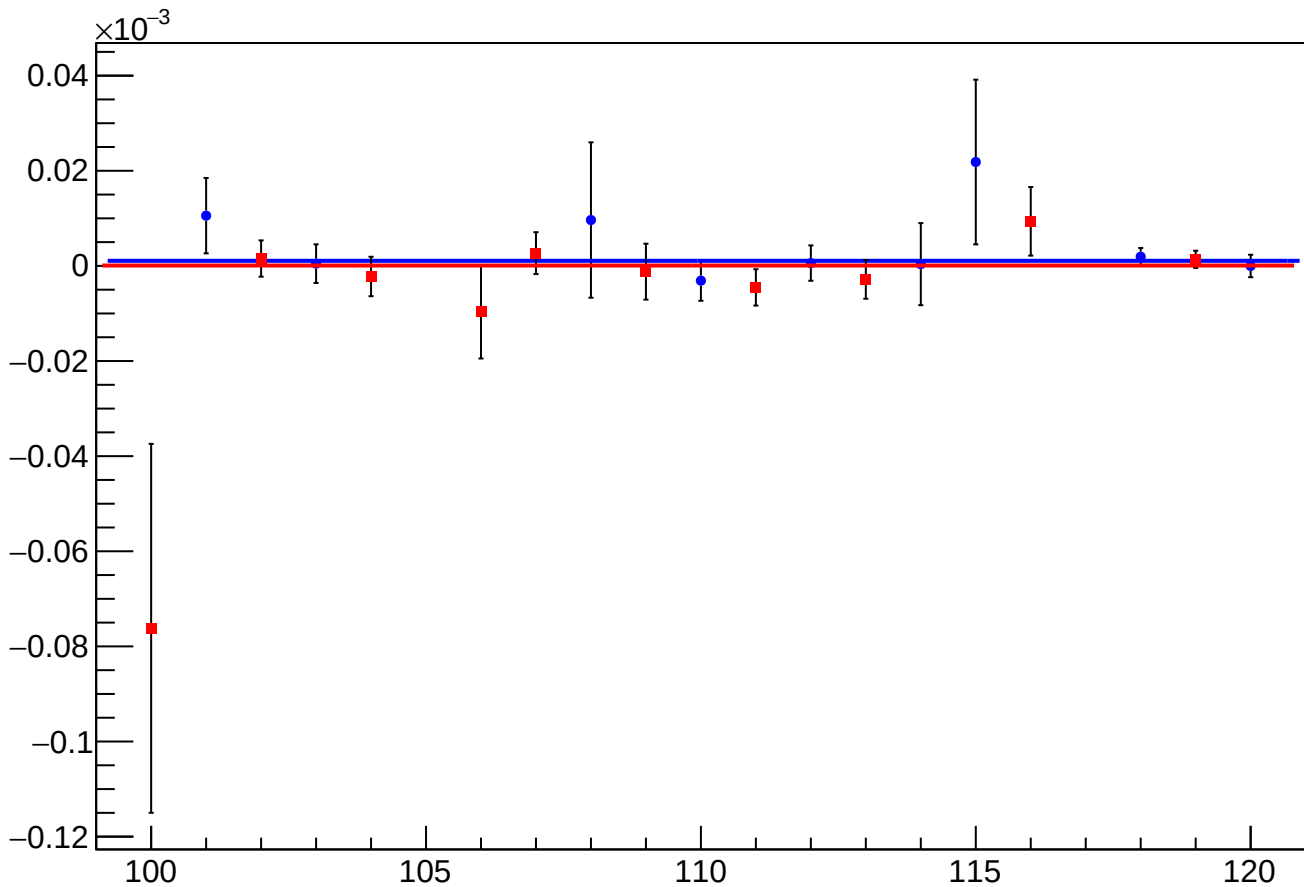
Right: 35.615+/-0.011 χ^2/NDF : 3205198.1/18

In: 35.116+/-0.015 χ^2/NDF : 1543052.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.615+/-0.011 χ^2/NDF : 3205198.1/18

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 : 4.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

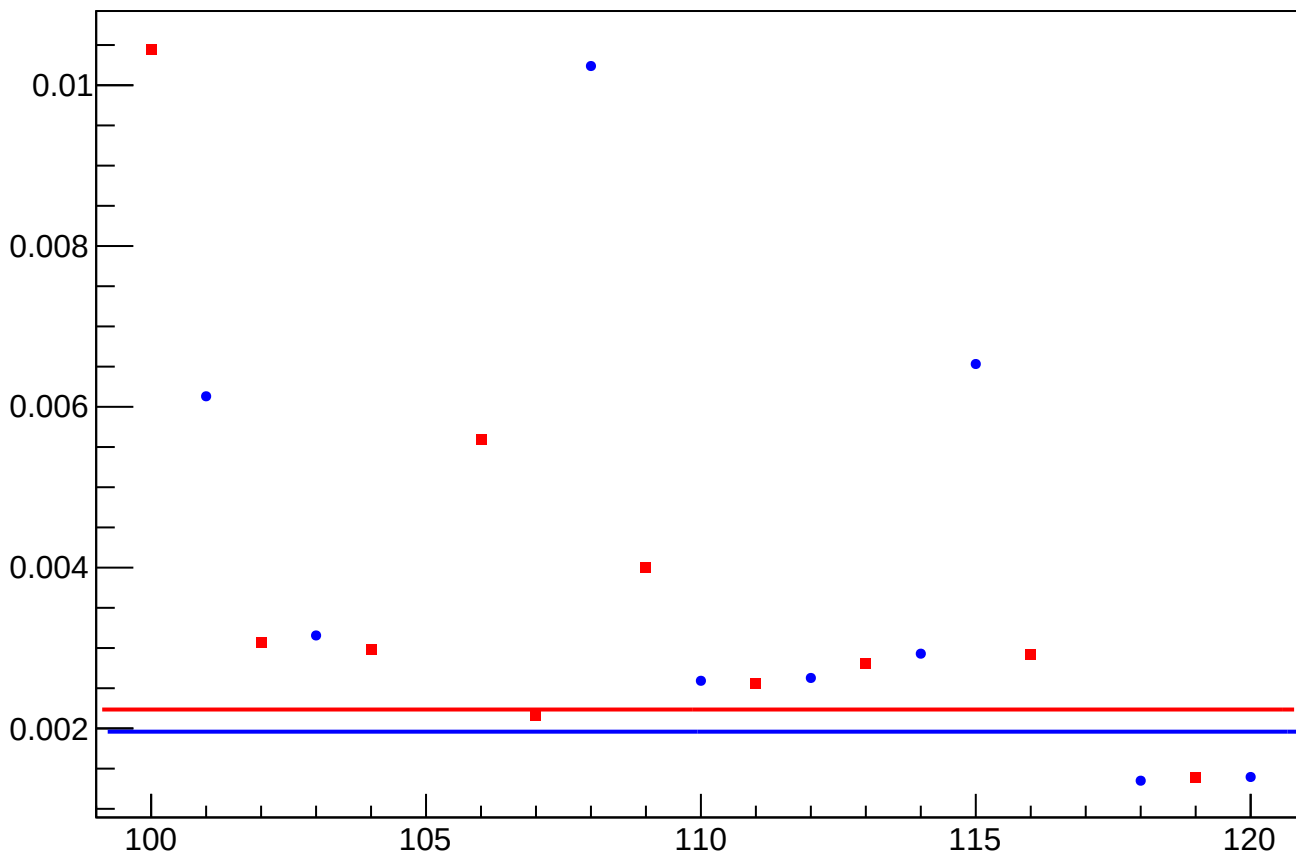
Right: 0.000+/-0.000 χ^2/NDF : 14.8/18

In: 0.000+/-0.000 χ^2/NDF : 4.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.8/18

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 : 1850614.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1172900.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

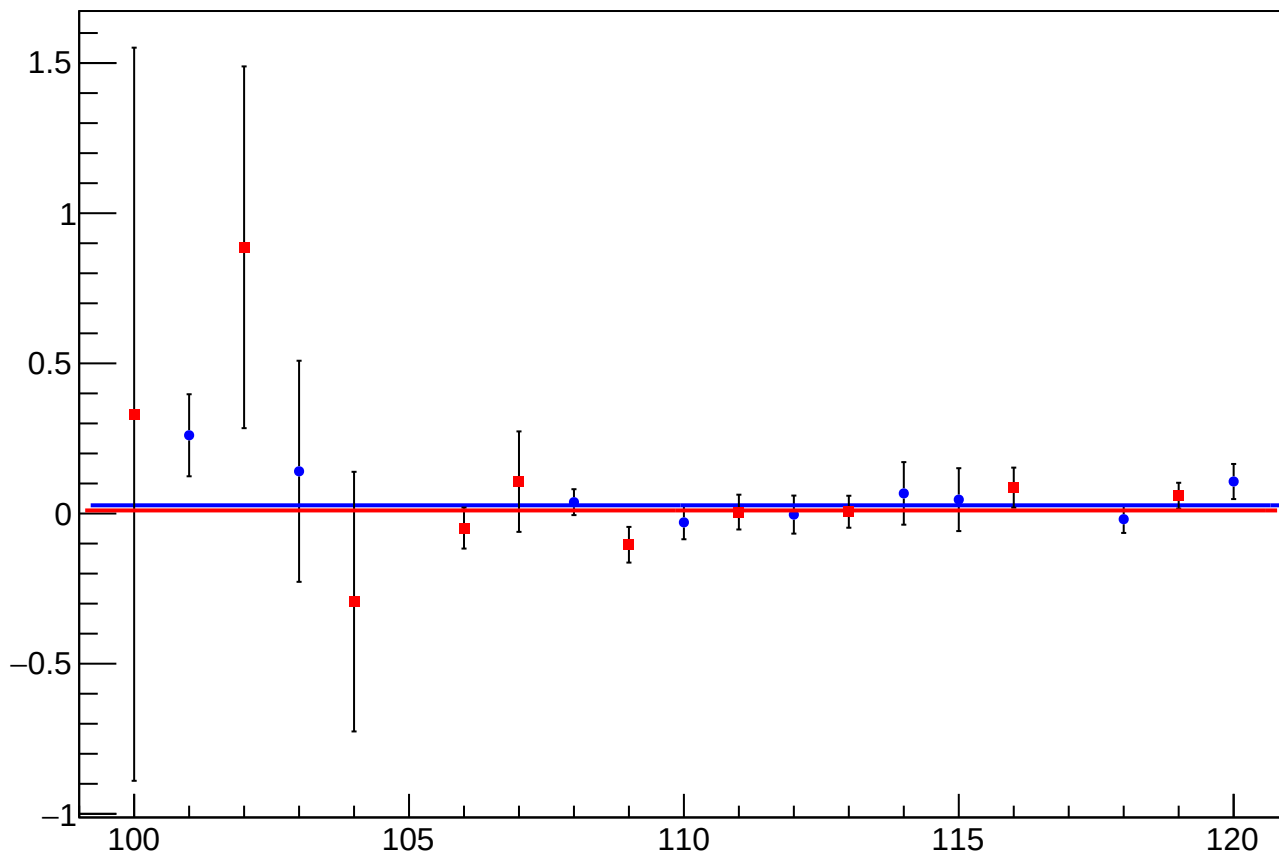
Right: 0.002+/-0.000 χ^2/NDF : 3075636.7/18

In: 0.002+/-0.000 χ^2/NDF : 1850614.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3075636.7/18

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.027+/-0.022 χ^2/NDF : 7.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.023 χ^2/NDF : 10.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

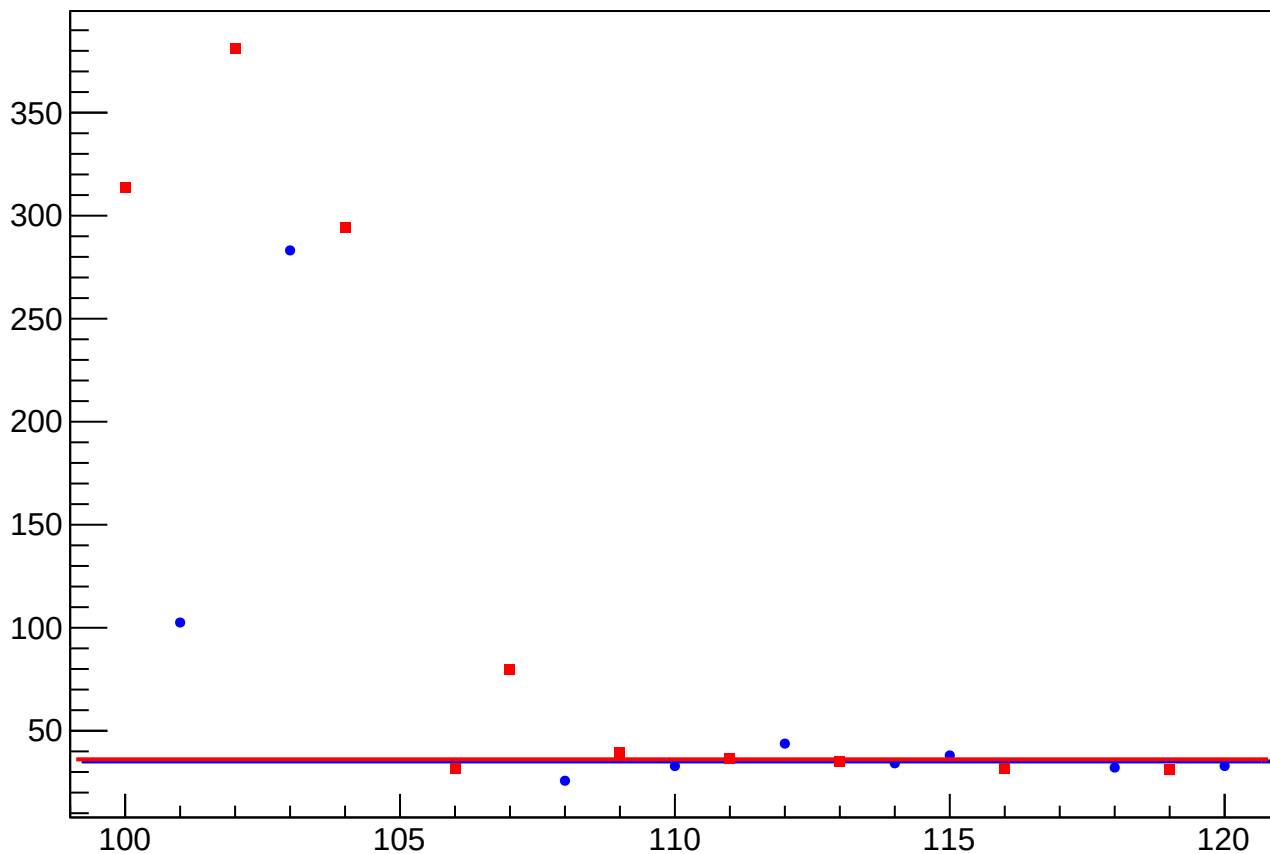
Right: 0.019+/-0.016 χ^2/NDF : 17.7/18

In: 0.027+/-0.022 χ^2/NDF : 7.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.016 χ^2/NDF : 17.7/18

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.117+/-0.015 χ^2/NDF : 1542990.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.153+/-0.016 χ^2/NDF : 1659958.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

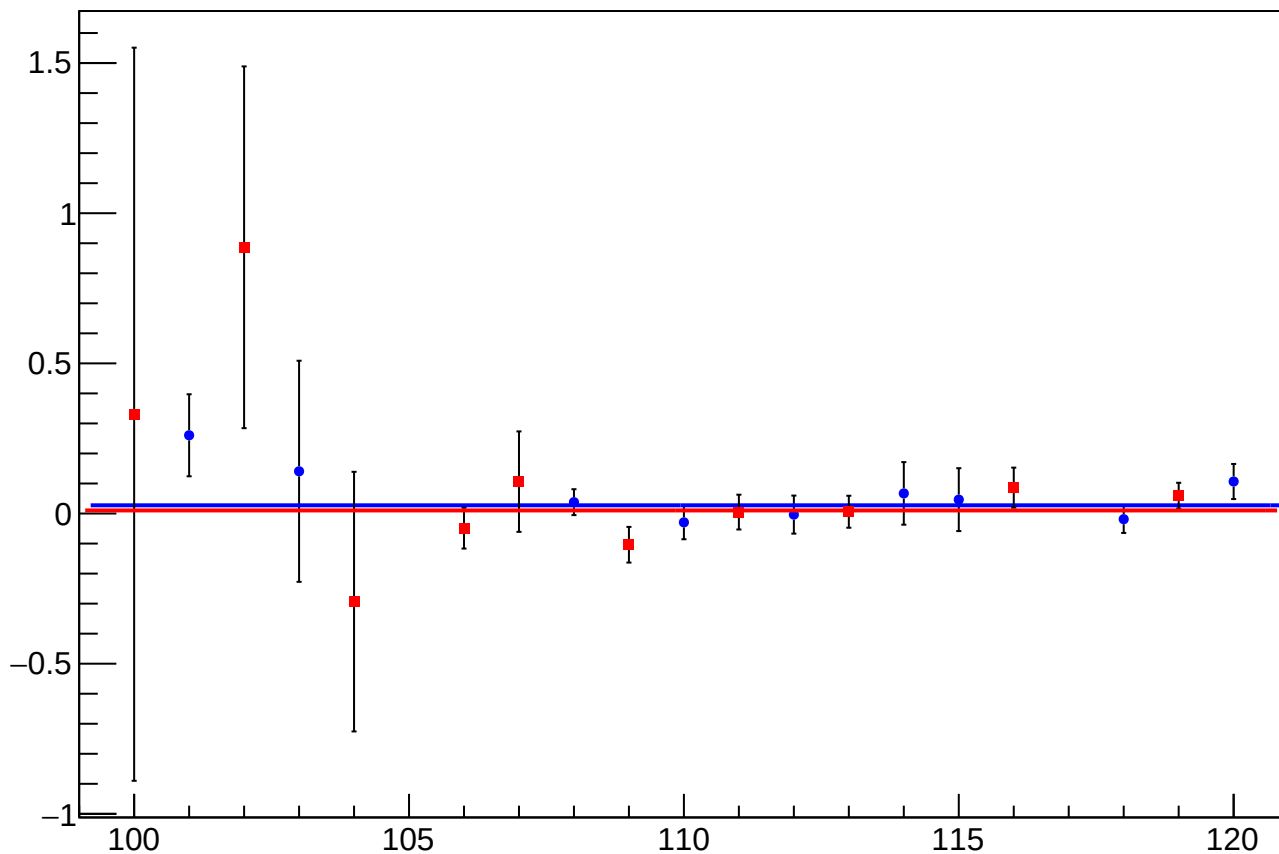
Right: 35.615+/-0.011 χ^2/NDF : 3205134.0/18

In: 35.117+/-0.015 χ^2/NDF : 1542990.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.615+/-0.011 χ^2/NDF : 3205134.0/18

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.027 $\pm$ 0.022 χ^2 /NDF: 7.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.023 χ^2 /NDF: 10.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

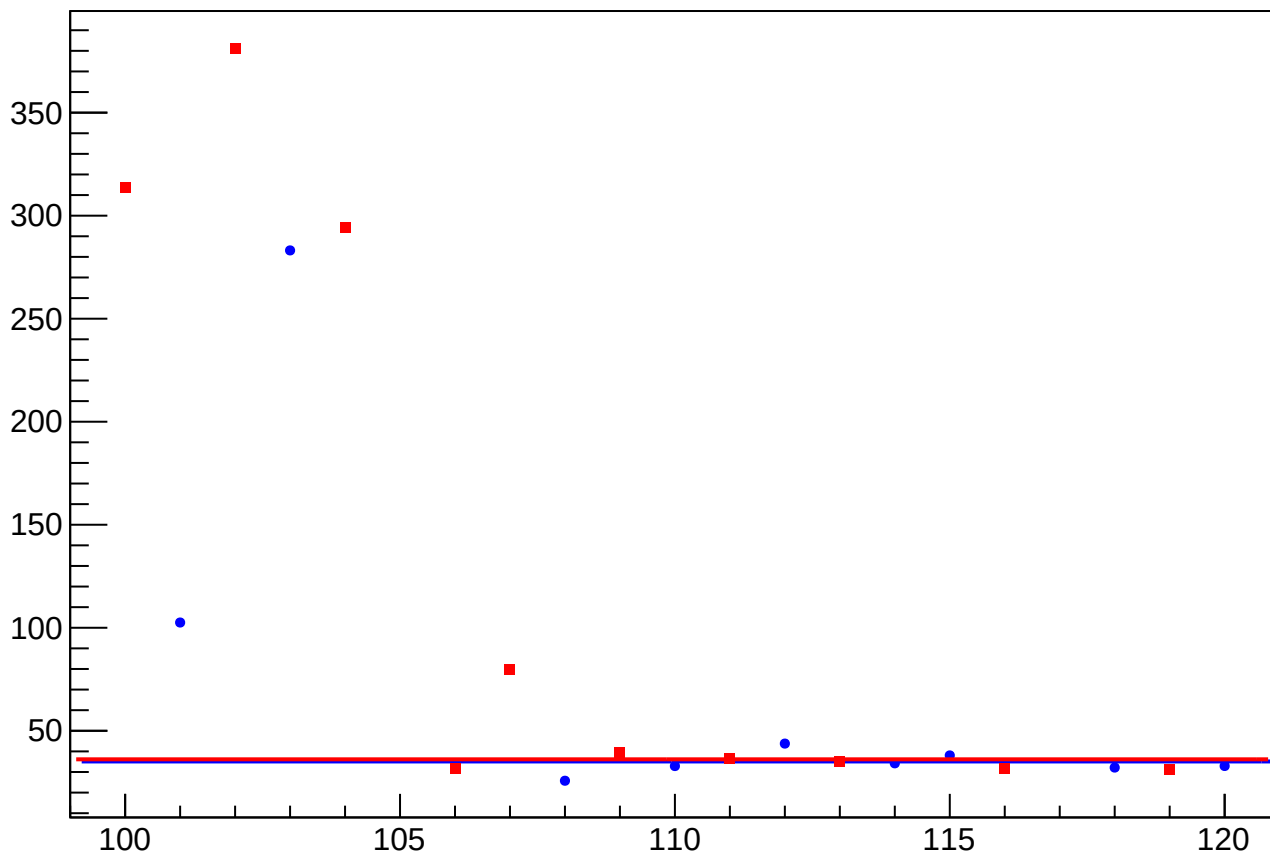
Right: 0.019 $\pm$ 0.016 χ^2 /NDF: 17.7/18

In: 0.027 $\pm$ 0.022 χ^2 /NDF:7.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.019 $\pm$ 0.016 χ^2 /NDF: 17.7/18

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.117+/-0.015 χ^2/NDF : 1542990.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.153+/-0.016 χ^2/NDF : 1659958.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

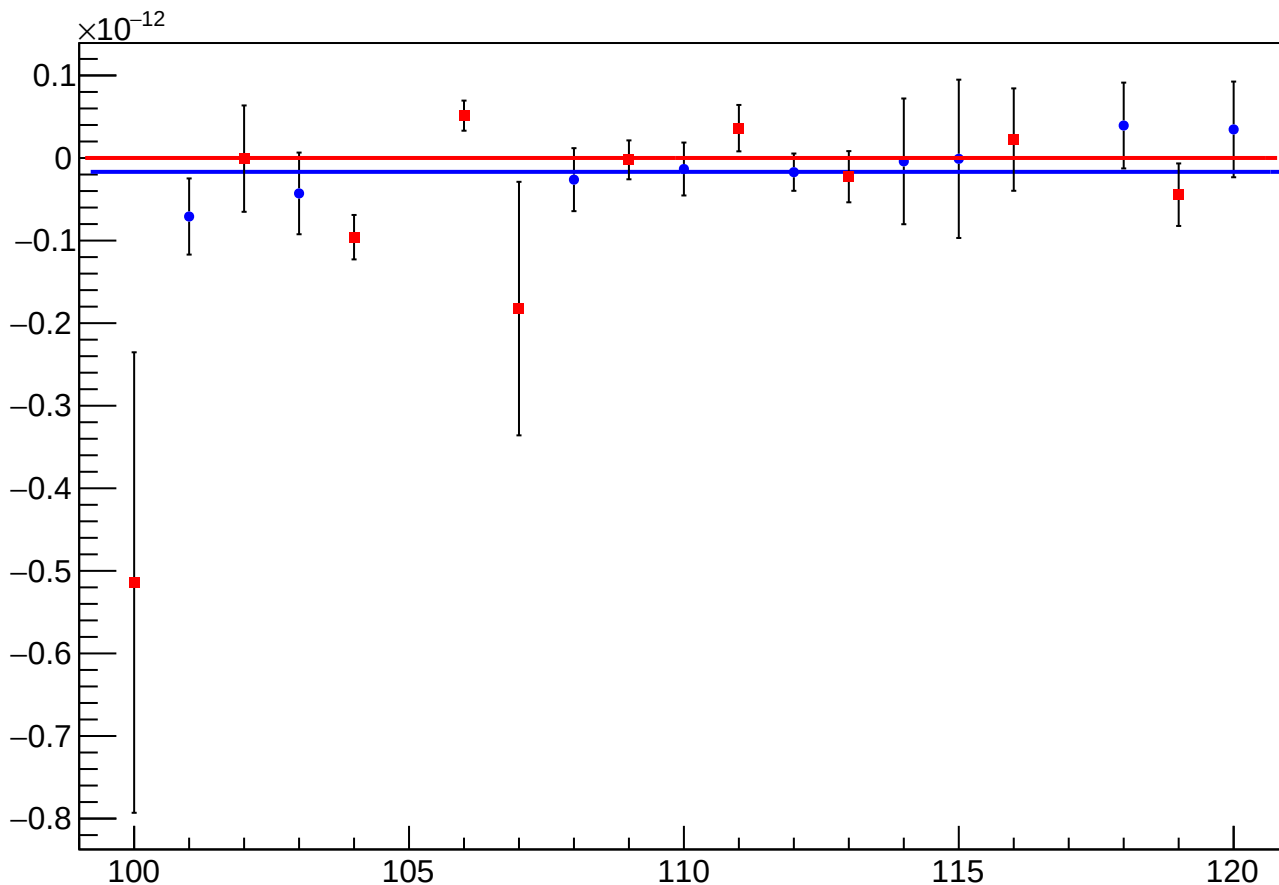
Right: 35.615+/-0.011 χ^2/NDF : 3205134.0/18

In: 35.117+/-0.015 χ^2/NDF : 1542990.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.615+/-0.011 χ^2/NDF : 3205134.0/18

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: 3.7/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 29.1/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

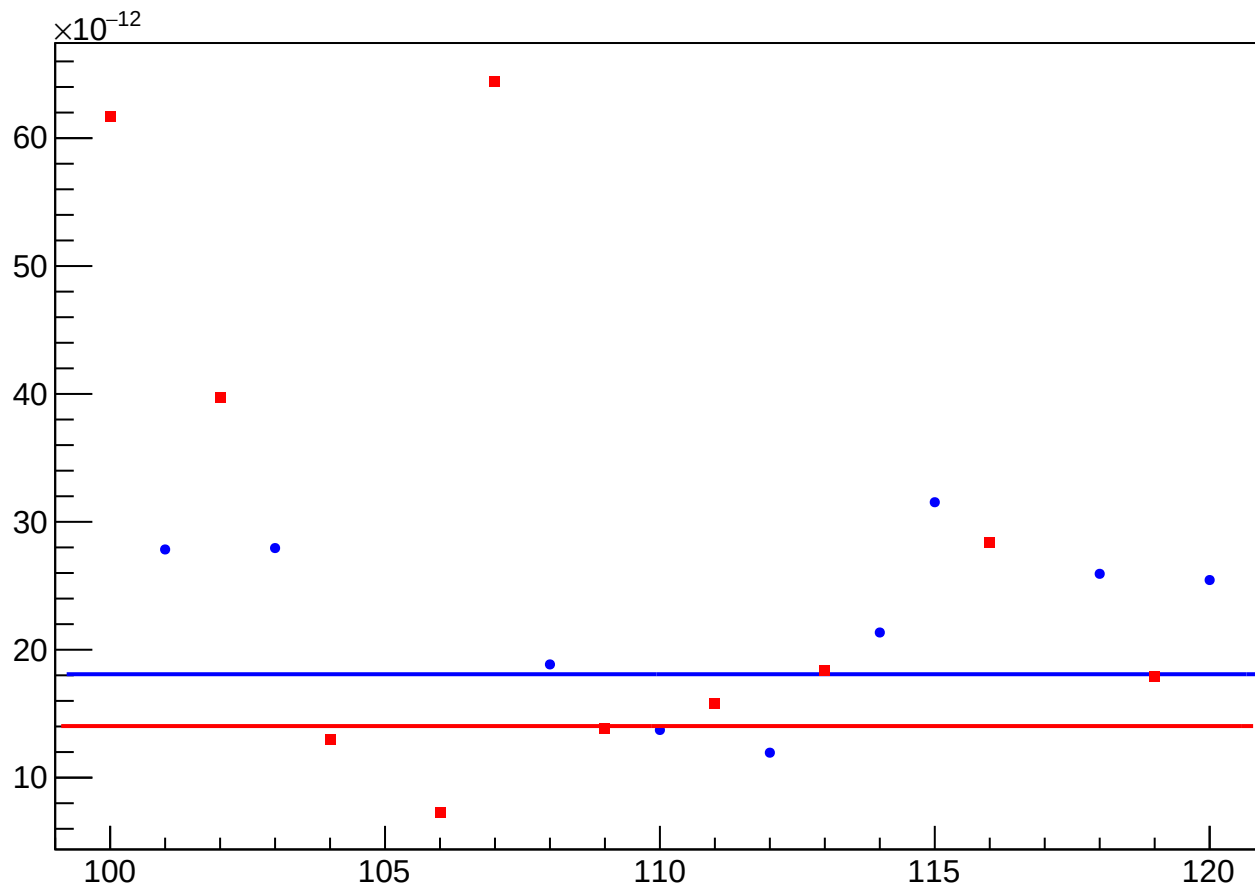
Right: -0.000+/-0.000 χ^2 /NDF: 33.9/18

In: -0.000+/-0.000 χ^2 /NDF:3.7/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 33.9/18

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 : 475450.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1047263.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

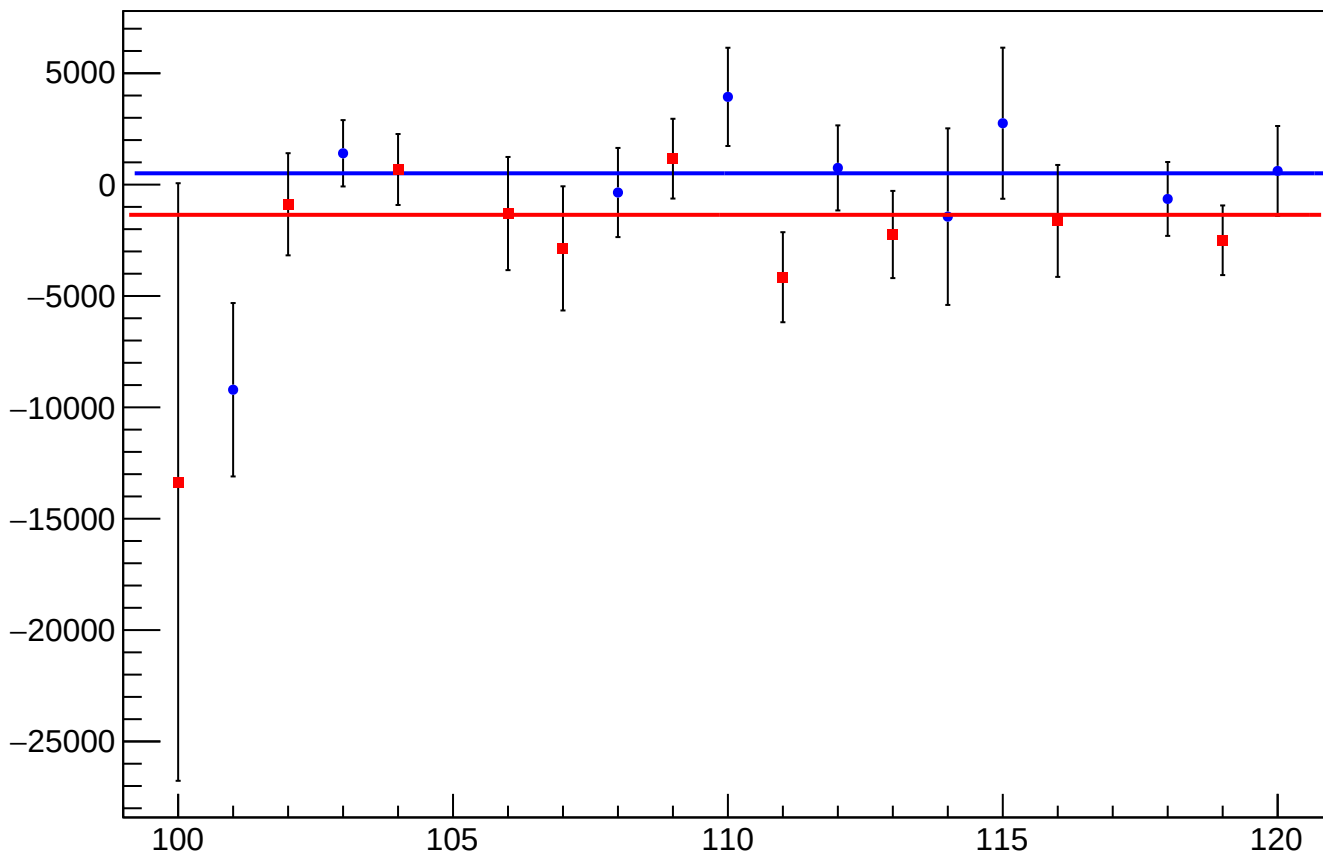
Right: 0.000+/-0.000 χ^2/NDF : 1637599.9/18

In: 0.000+/-0.000 χ^2/NDF : 475450.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1637599.9/18

reg_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 508.145+/-706.061 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1356.214+/-665.429 χ^2/NDF : 7.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

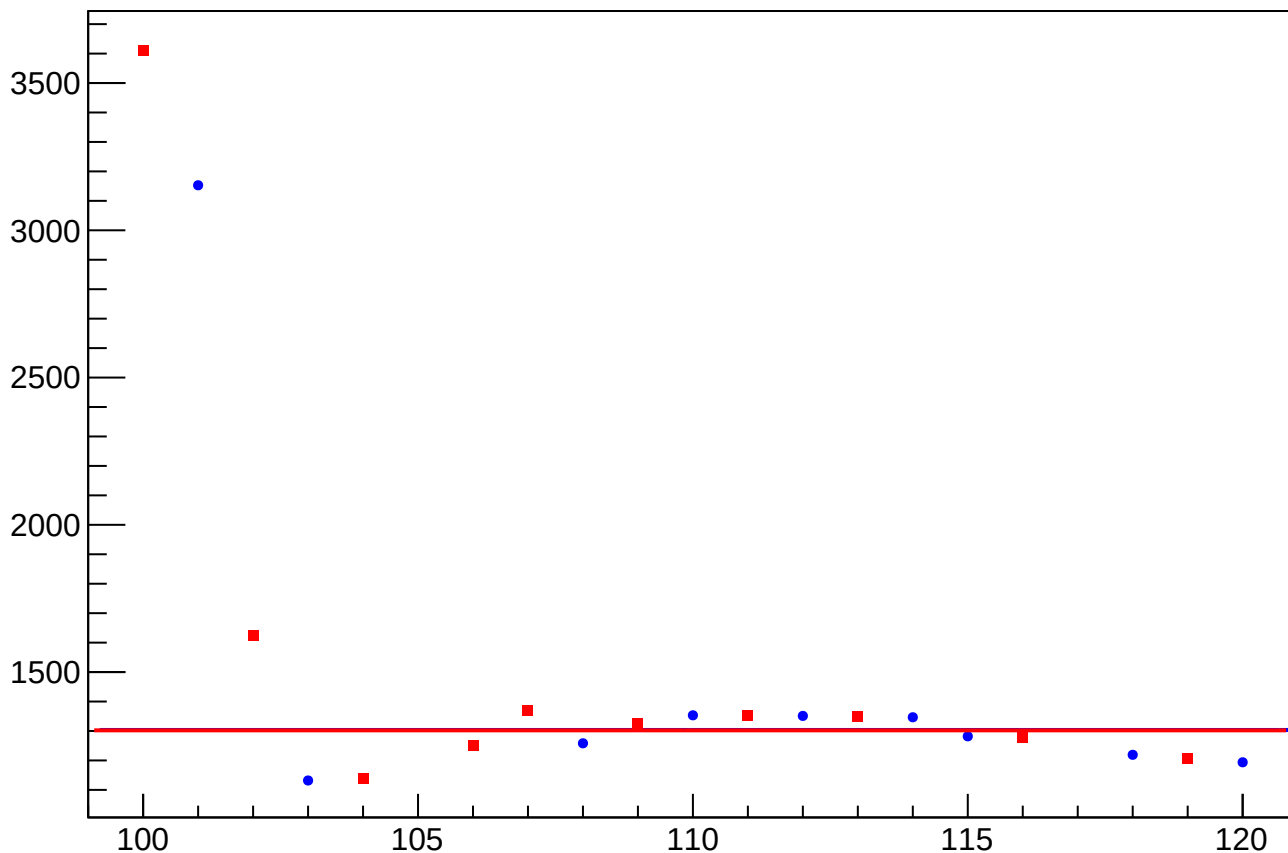
Right: -479.220+/-484.257 χ^2/NDF : 21.5/18

In: 508.145+/-706.061 χ^2/NDF : 10.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -479.220+/-484.257 χ^2/NDF : 21.5/18

reg_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1303.448+/-0.499 χ^2/NDF : 492571.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1302.182+/-0.471 χ^2/NDF : 131574.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

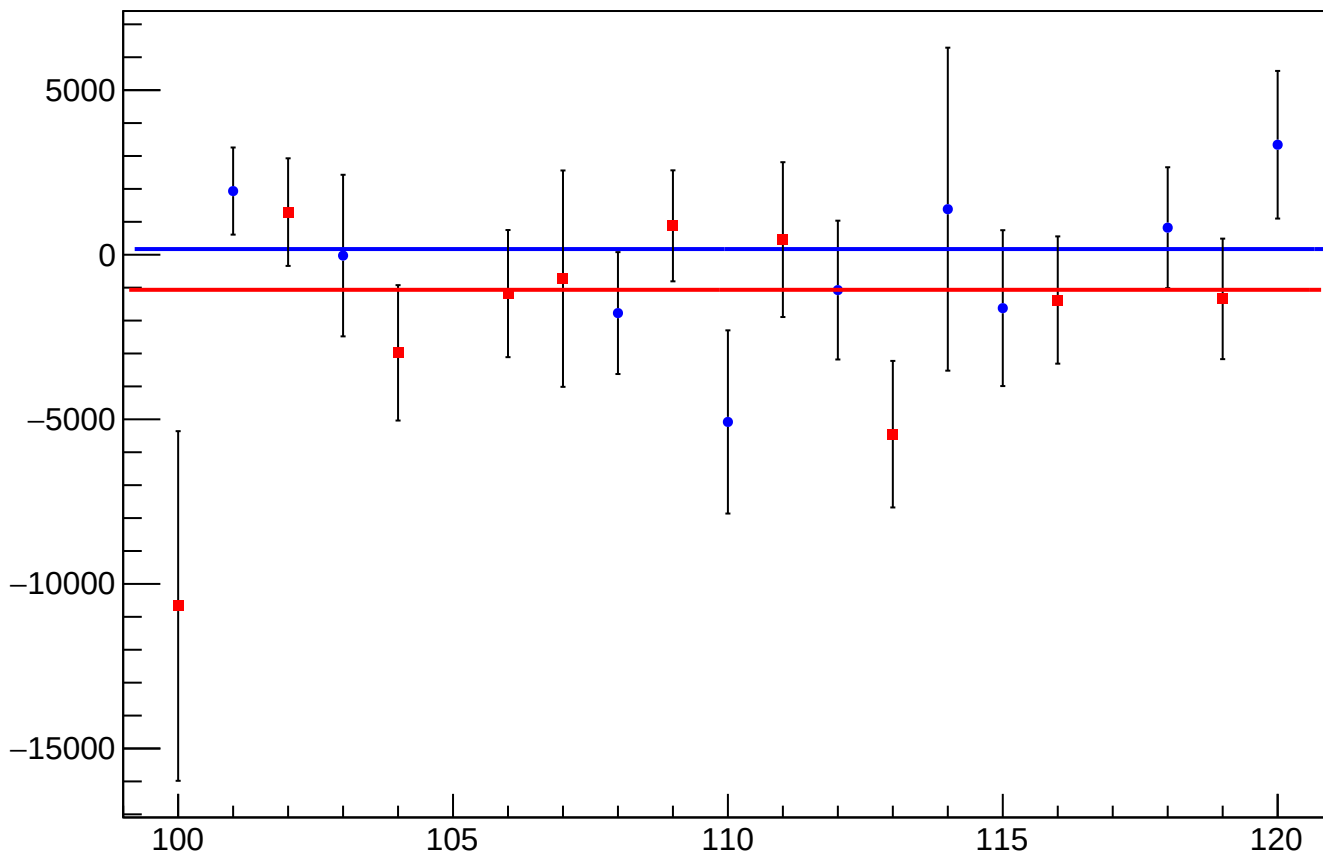
Right: 1302.777+/-0.342 χ^2/NDF : 624149.7/18

In: 1303.448+/-0.499 χ^2/NDF : 492571.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1302.777+/-0.342 χ^2/NDF : 624149.7/18

asym_atl_dd_atr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 172.547+/-690.372 χ^2/NDF : 9.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1065.513+/-658.342 χ^2/NDF : 11.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

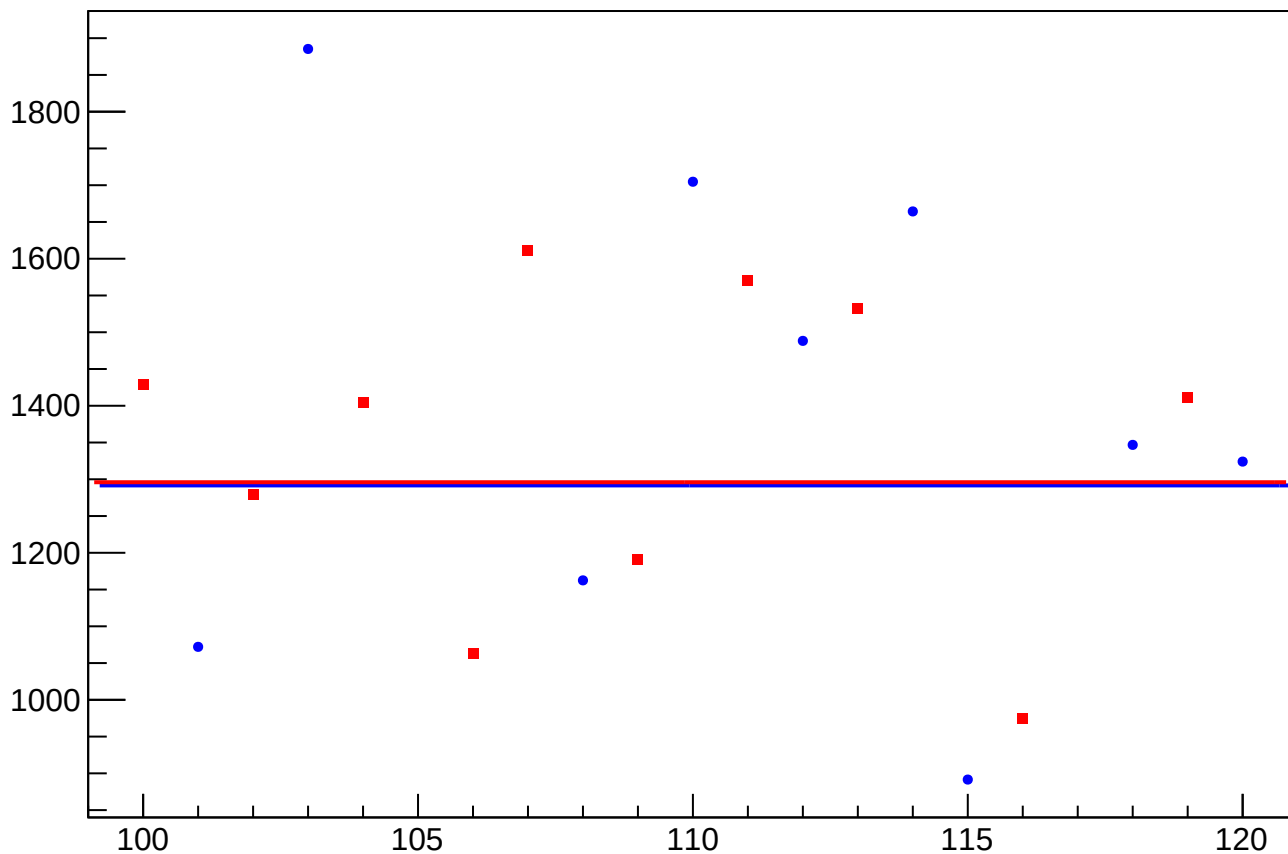
Right: -475.868+/-476.439 χ^2/NDF : 23.2/18

In: 172.547+/-690.372 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -475.868+/-476.439 χ^2/NDF : 23.2/18

asym_atl_dd_atr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1291.652+/-0.488 χ^2/NDF : 314149.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1295.975+/-0.466 χ^2/NDF : 175154.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

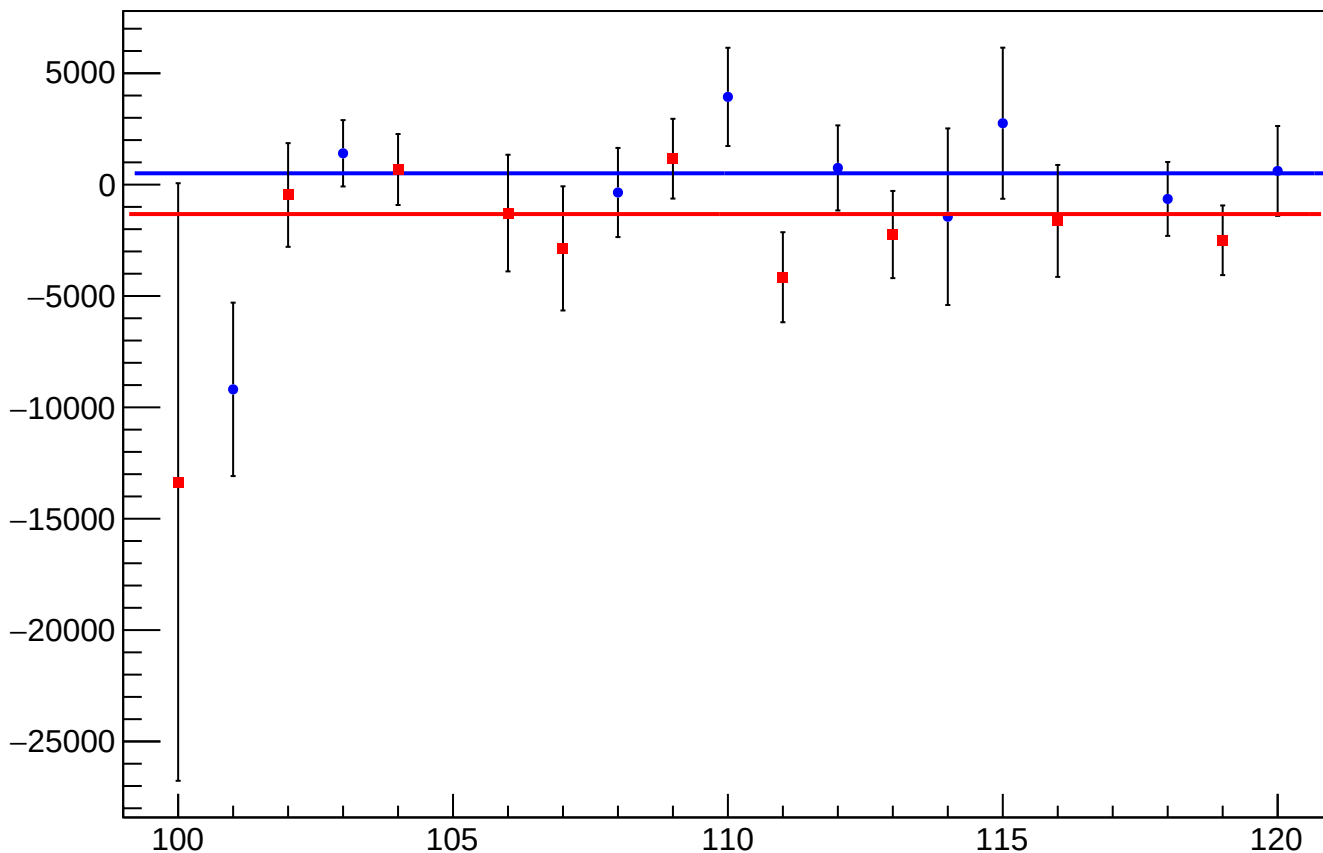
Right: 1293.916+/-0.337 χ^2/NDF : 489345.4/18

In: 1291.652+/-0.488 χ^2/NDF : 314149.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1293.916+/-0.337 χ^2/NDF : 489345.4/18

cor_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 508.733+/-706.061 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1322.171+/-667.605 χ^2/NDF : 7.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

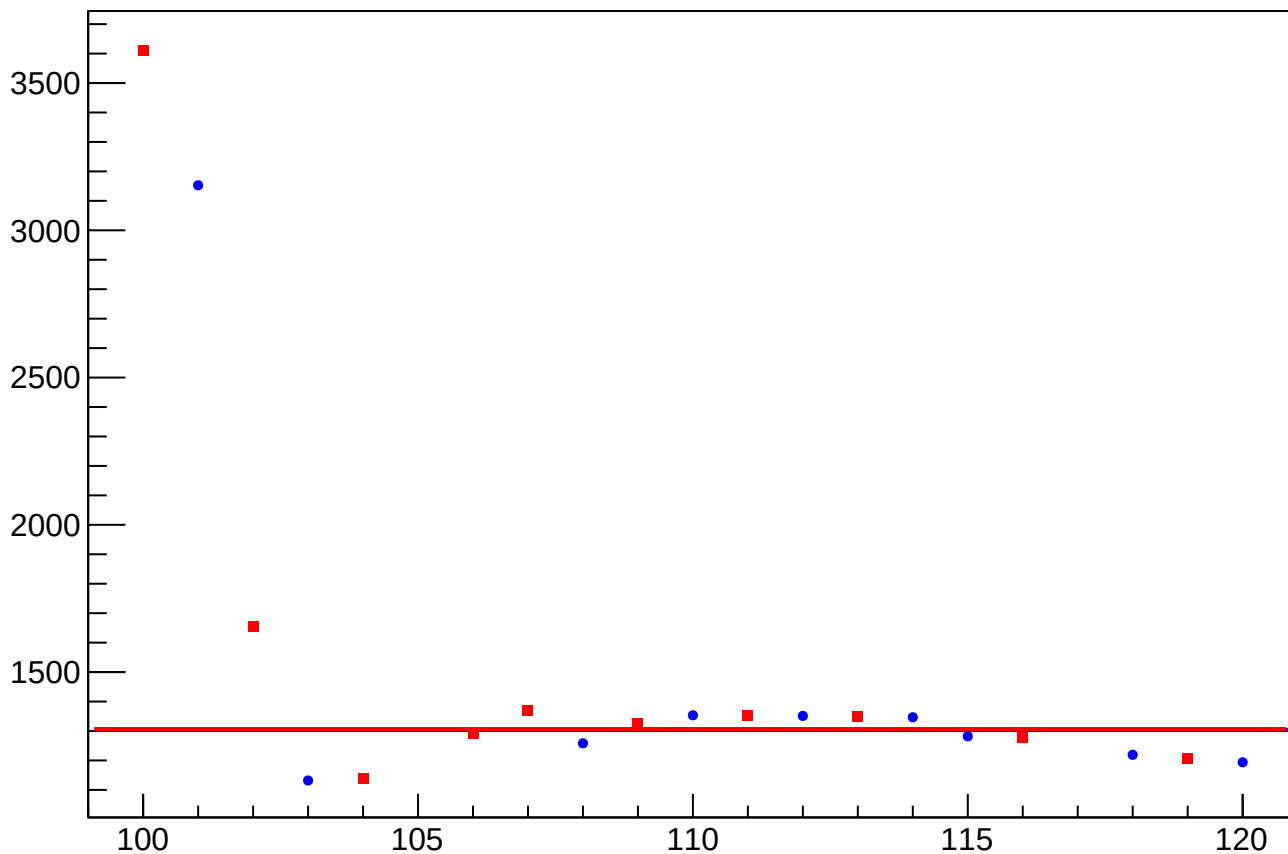
Right: -457.936+/-485.093 χ^2/NDF : 21.4/18

In: 508.733+/-706.061 χ^2/NDF : 10.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -457.936+/-485.093 χ^2/NDF : 21.4/18

cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1303.447+/-0.499 χ^2/NDF : 492573.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1306.716+/-0.472 χ^2/NDF : 137388.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

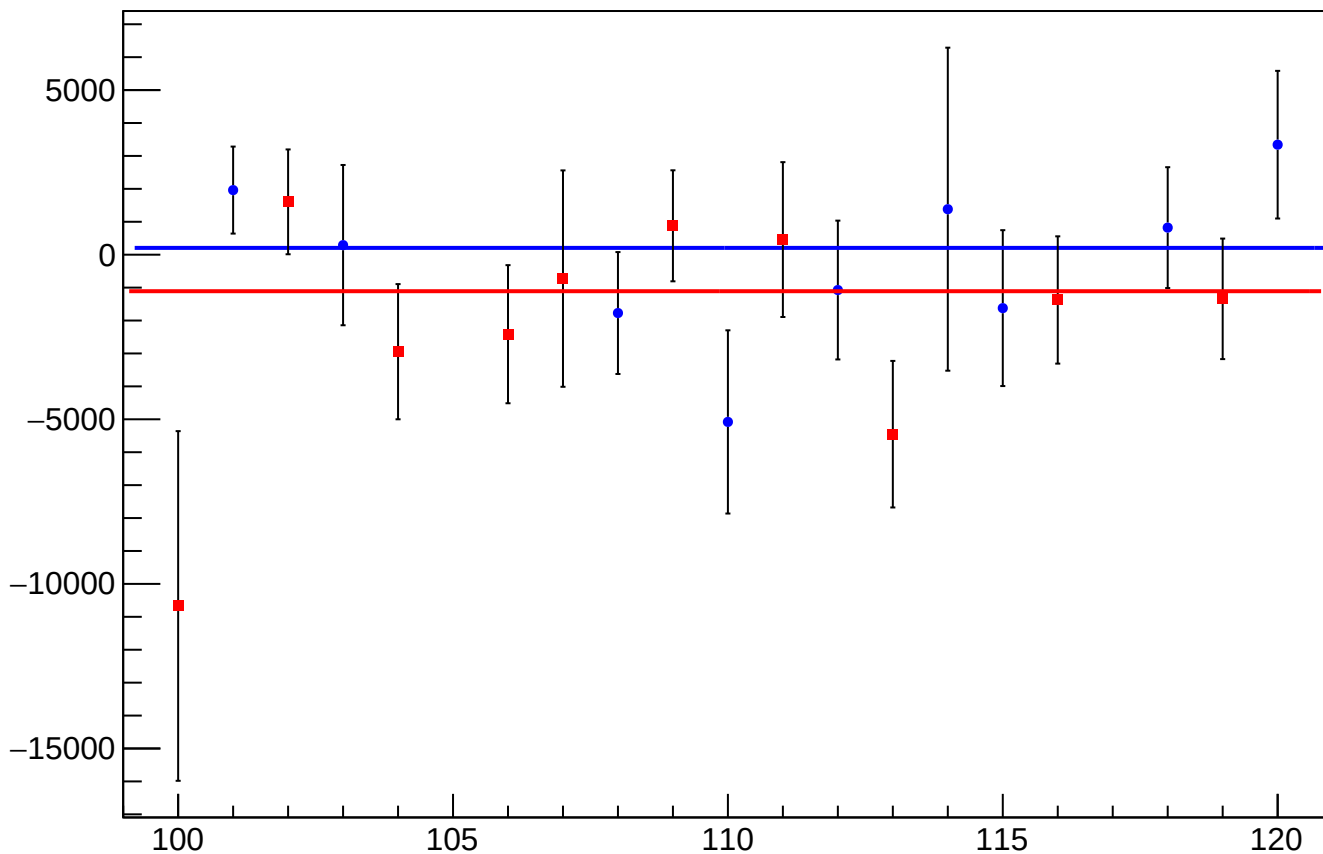
Right: 1305.173+/-0.343 χ^2/NDF : 629984.7/18

In: 1303.447+/-0.499 χ^2/NDF : 492573.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1305.173+/-0.343 χ^2/NDF : 629984.7/18

asym_atl_dd_atr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 206.676+/-689.621 χ^2/NDF : 9.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1109.223+/-661.212 χ^2/NDF : 13.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

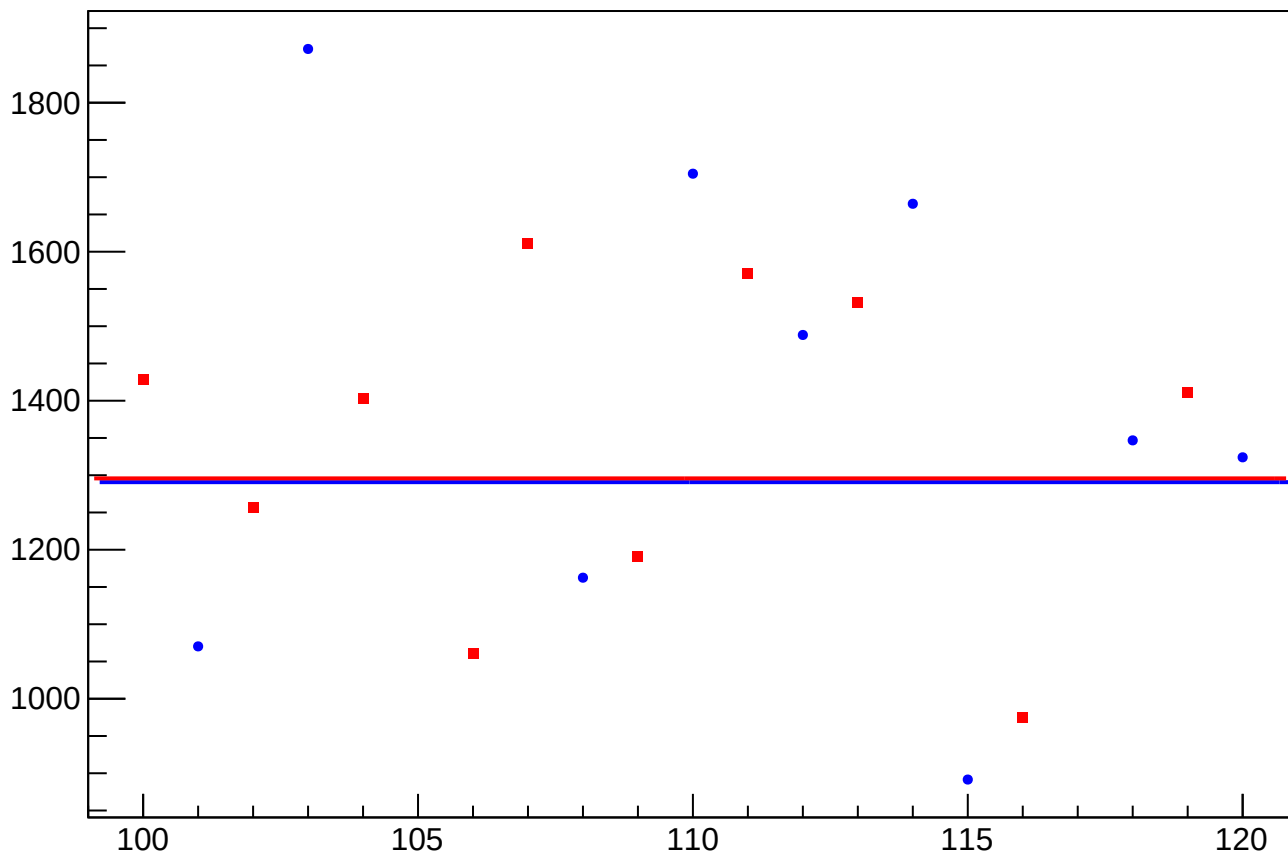
Right: -478.935+/-477.275 χ^2/NDF : 24.5/18

In: 206.676+/-689.621 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -478.935+/-477.275 χ^2/NDF : 24.5/18

asym_atl_dd_atr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1290.697+/-0.488 χ^2/NDF : 311931.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1295.762+/-0.468 χ^2/NDF : 172059.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

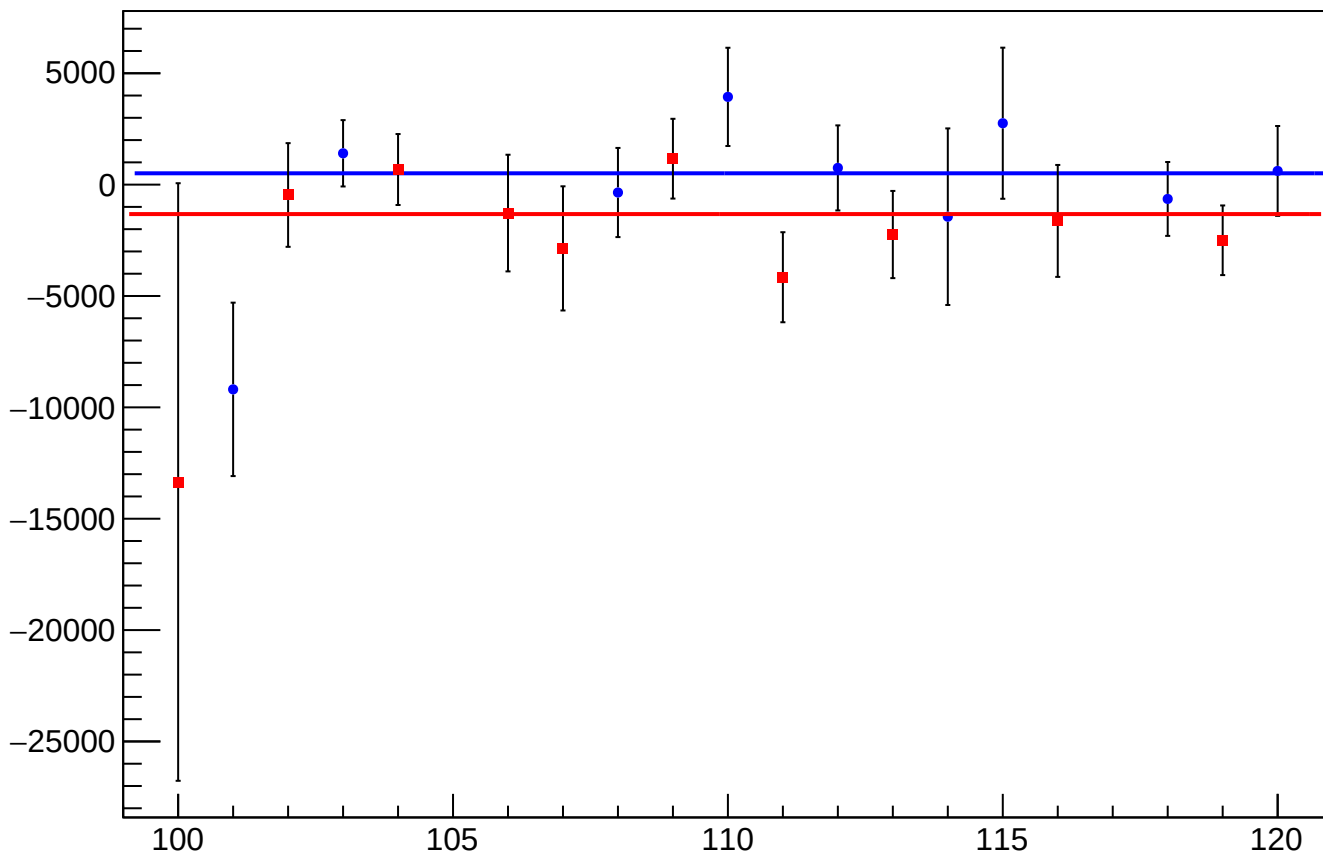
Right: 1293.336+/-0.337 χ^2/NDF : 484046.9/18

In: 1290.697+/-0.488 χ^2/NDF : 311931.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1293.336+/-0.337 χ^2/NDF : 484046.9/18

eigen_cor_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 508.733+/-706.061 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1322.171+/-667.605 χ^2/NDF : 7.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

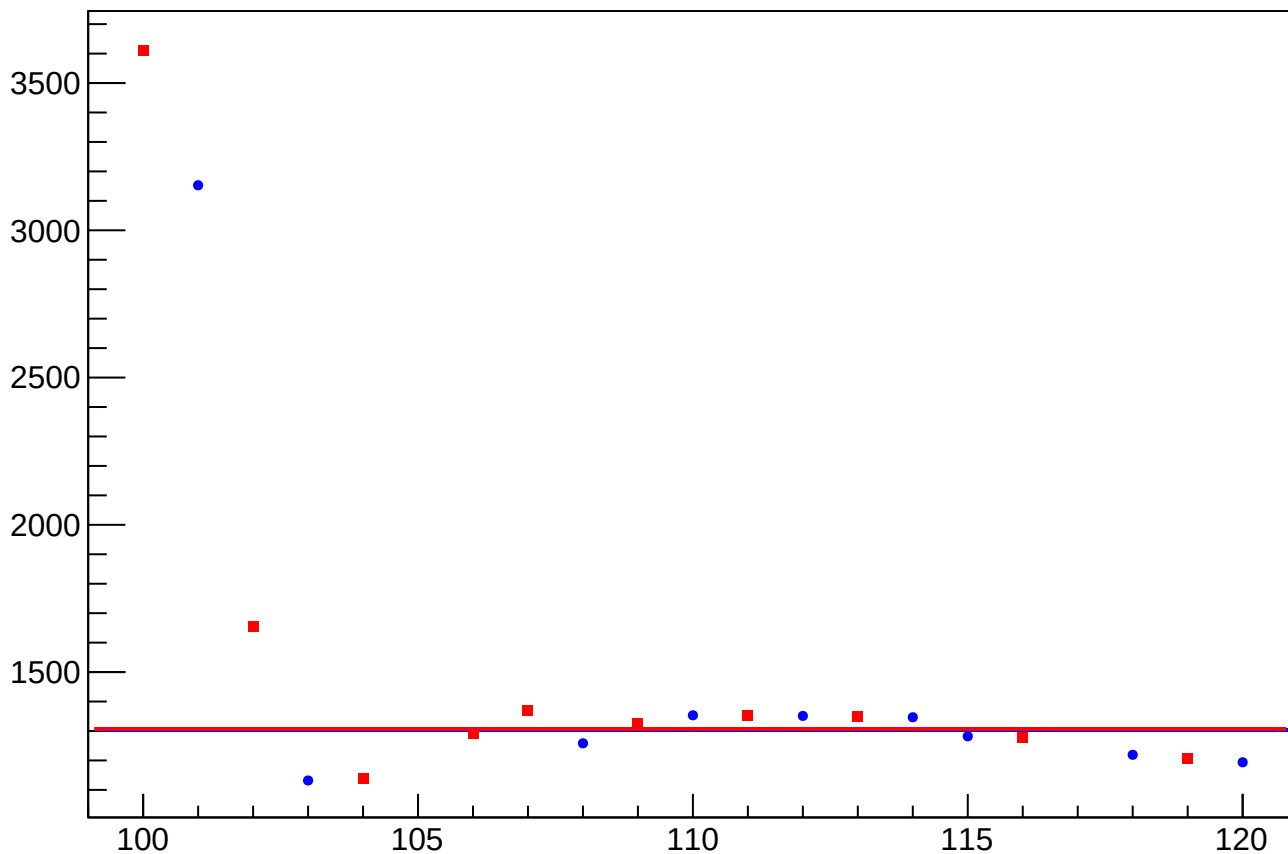
Right: -457.936+/-485.093 χ^2/NDF : 21.4/18

In: 508.733+/-706.061 χ^2/NDF : 10.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -457.936+/-485.093 χ^2/NDF : 21.4/18

eigen_cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1303.447+/-0.499 χ^2/NDF : 492573.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1306.716+/-0.472 χ^2/NDF : 137388.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

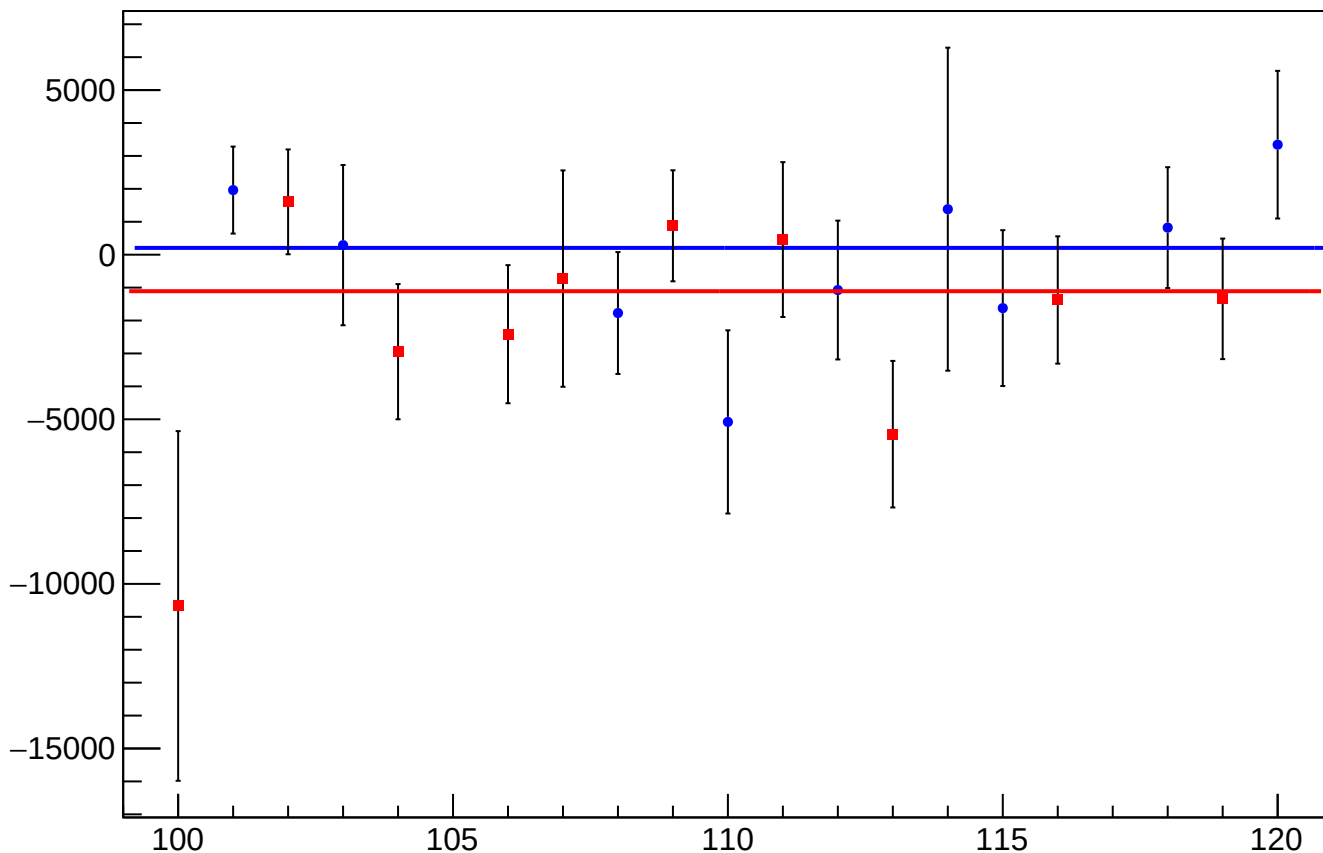
Right: 1305.173+/-0.343 χ^2/NDF : 629984.7/18

In: 1303.447+/-0.499 χ^2/NDF : 492573.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1305.173+/-0.343 χ^2/NDF : 629984.7/18

asym_atl_dd_atr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 206.676+/-689.621 χ^2/NDF : 9.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1109.223+/-661.212 χ^2/NDF : 13.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

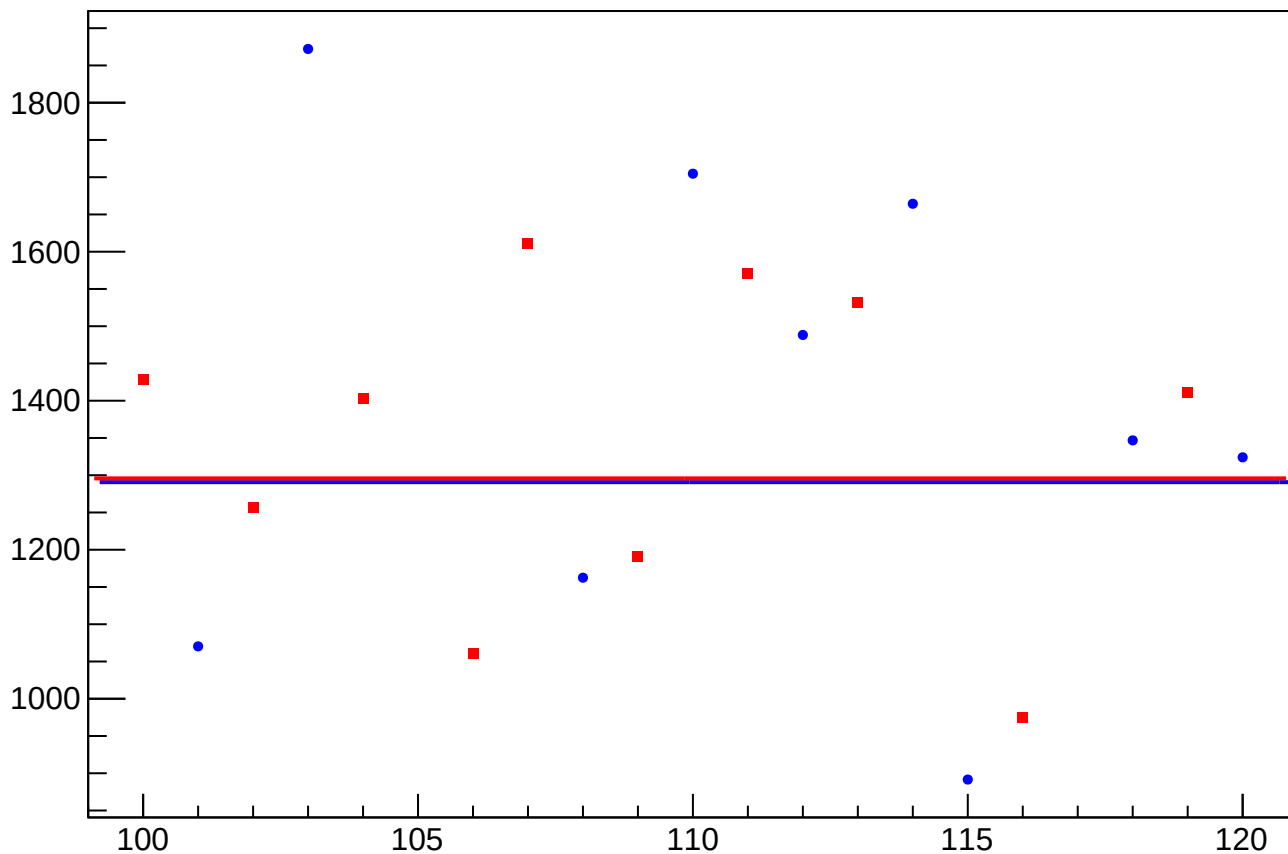
Right: -478.935+/-477.275 χ^2/NDF : 24.5/18

In: 206.676+/-689.621 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -478.935+/-477.275 χ^2/NDF : 24.5/18

asym_atl_dd_atr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1290.697+/-0.488 χ^2/NDF : 311931.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1295.762+/-0.468 χ^2/NDF : 172059.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

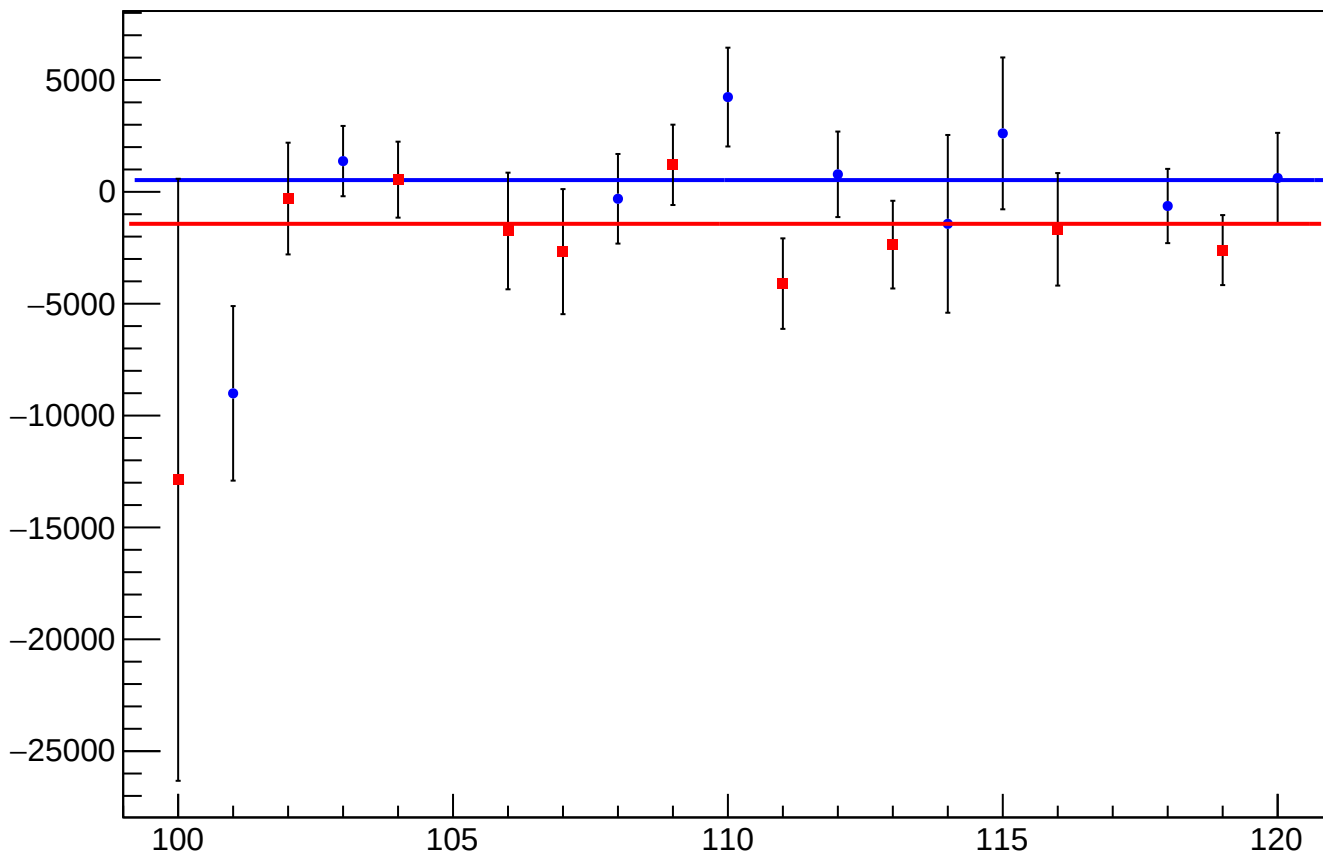
Right: 1293.336+/-0.337 χ^2/NDF : 484046.9/18

In: 1290.697+/-0.488 χ^2/NDF : 311931.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1293.336+/-0.337 χ^2/NDF : 484046.9/18

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 526.025+/-714.769 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1428.714+/-678.969 χ^2/NDF : 7.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

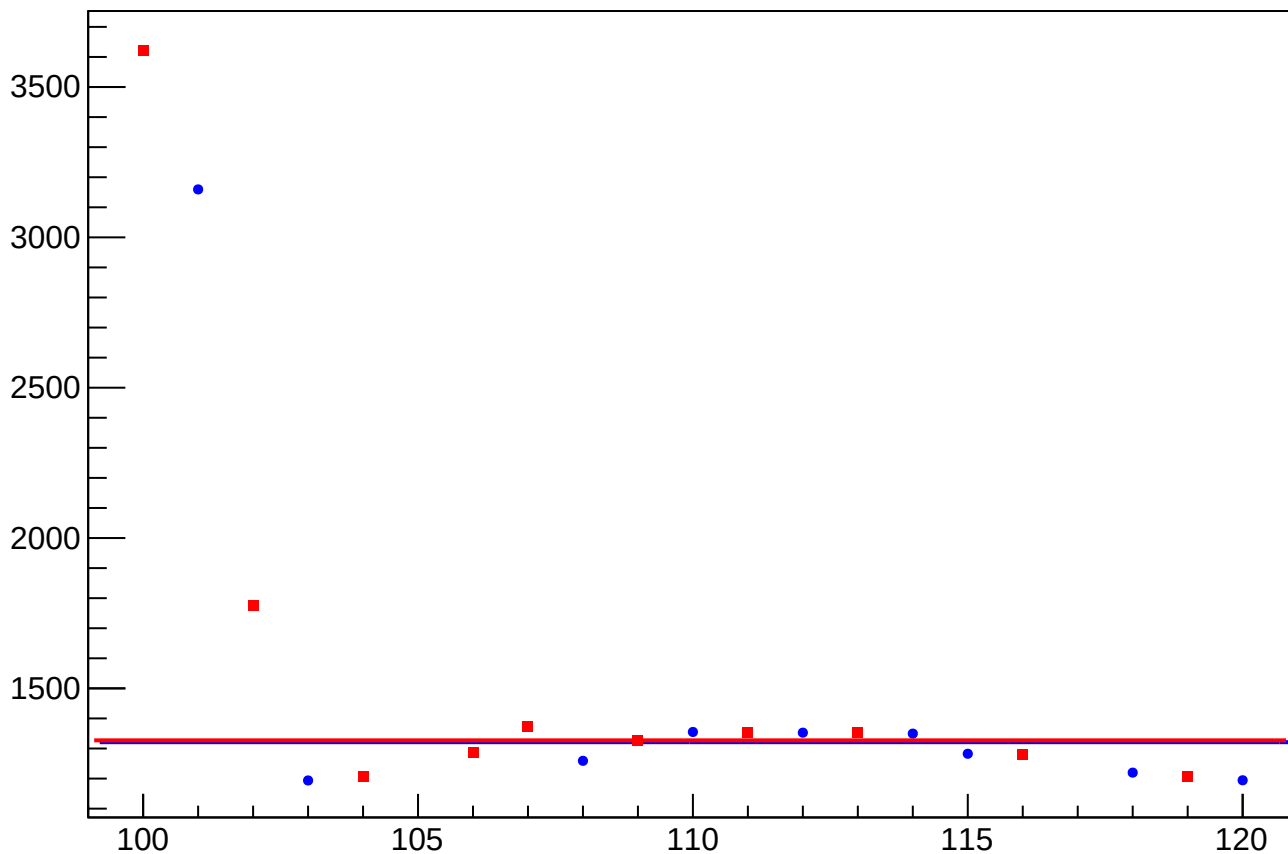
Right: -501.521+/-492.273 χ^2/NDF : 21.5/18

In: 526.025+/-714.769 χ^2/NDF : 10.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -501.521+/-492.273 χ^2/NDF : 21.5/18

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1321.049+/-0.505 χ^2/NDF : 475870.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1327.118+/-0.480 χ^2/NDF : 146713.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

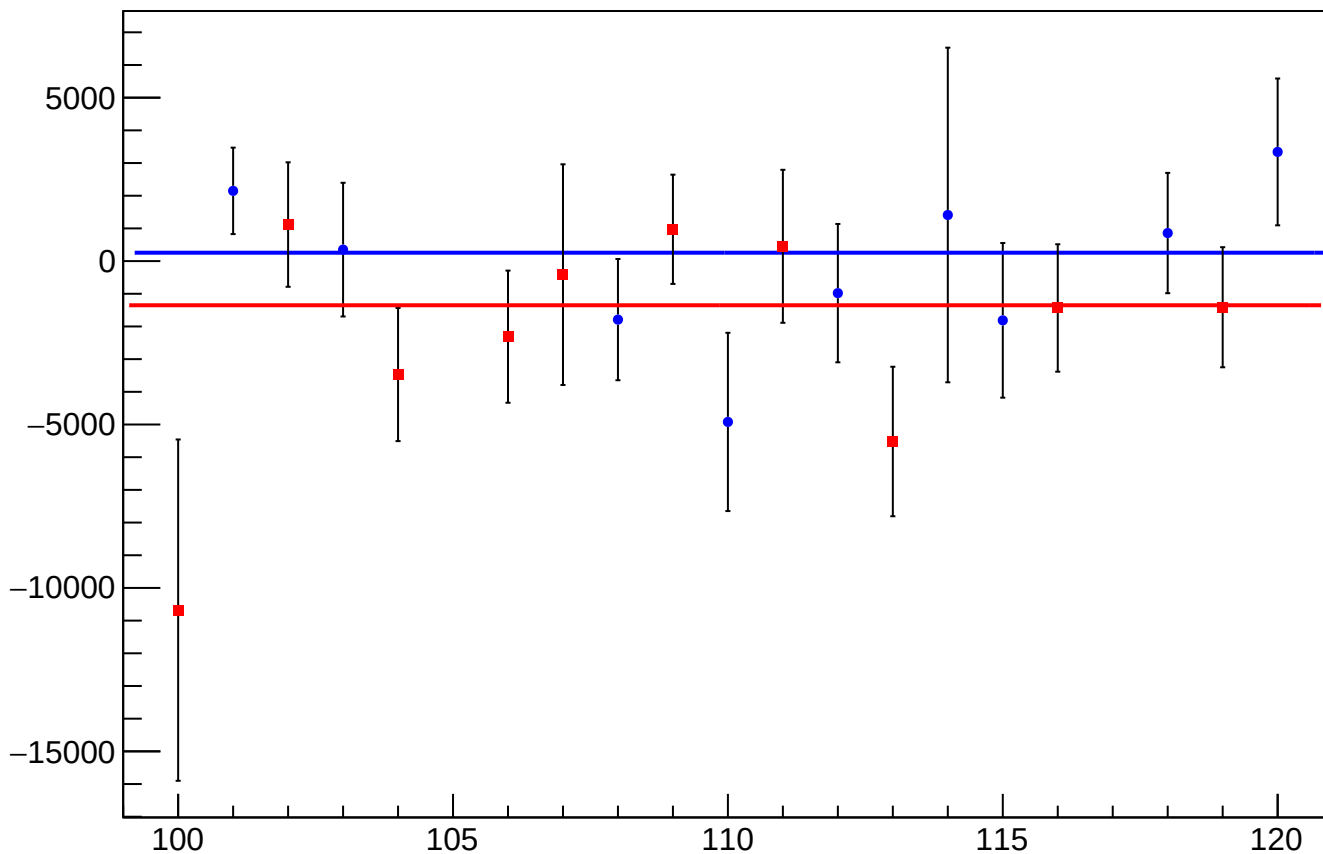
Right: 1324.240+/-0.348 χ^2/NDF : 622660.1/18

In: 1321.049+/-0.505 χ^2/NDF : 475870.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1324.240+/-0.348 χ^2/NDF : 622660.1/18

asym_atl_dd_atr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 256.364 $\pm$ 678.948 χ^2 /NDF: 10.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1351.569 $\pm$ 677.736 χ^2 /NDF: 12.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

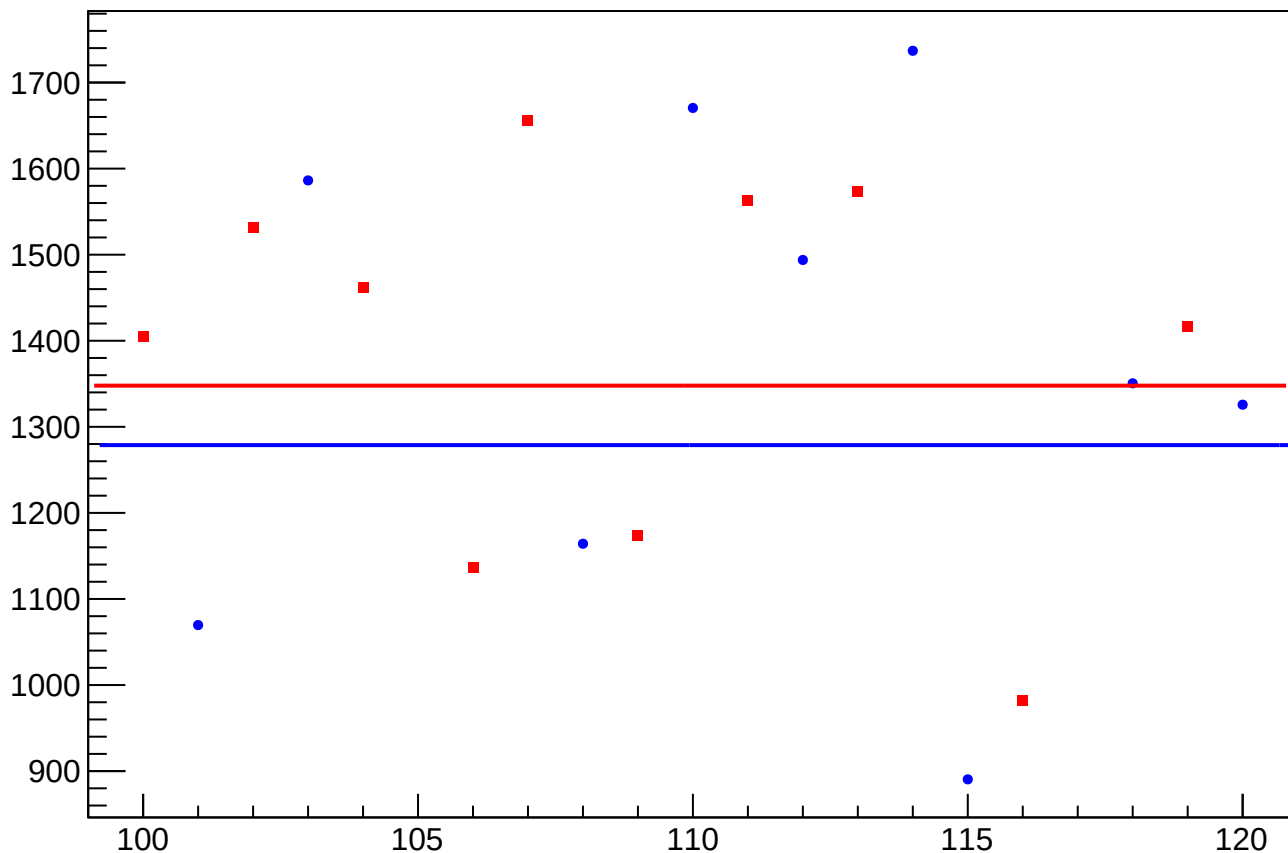
Right: -549.039 $\pm$ 479.660 χ^2 /NDF: 24.9/18

In: 256.364 $\pm$ 678.948 χ^2 /NDF:10.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -549.039 $\pm$ 479.660 χ^2 /NDF: 24.9/18

asym_atl_dd_atr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1278.751+/-0.480 χ^2/NDF : 238566.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1347.839+/-0.479 χ^2/NDF : 194639.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

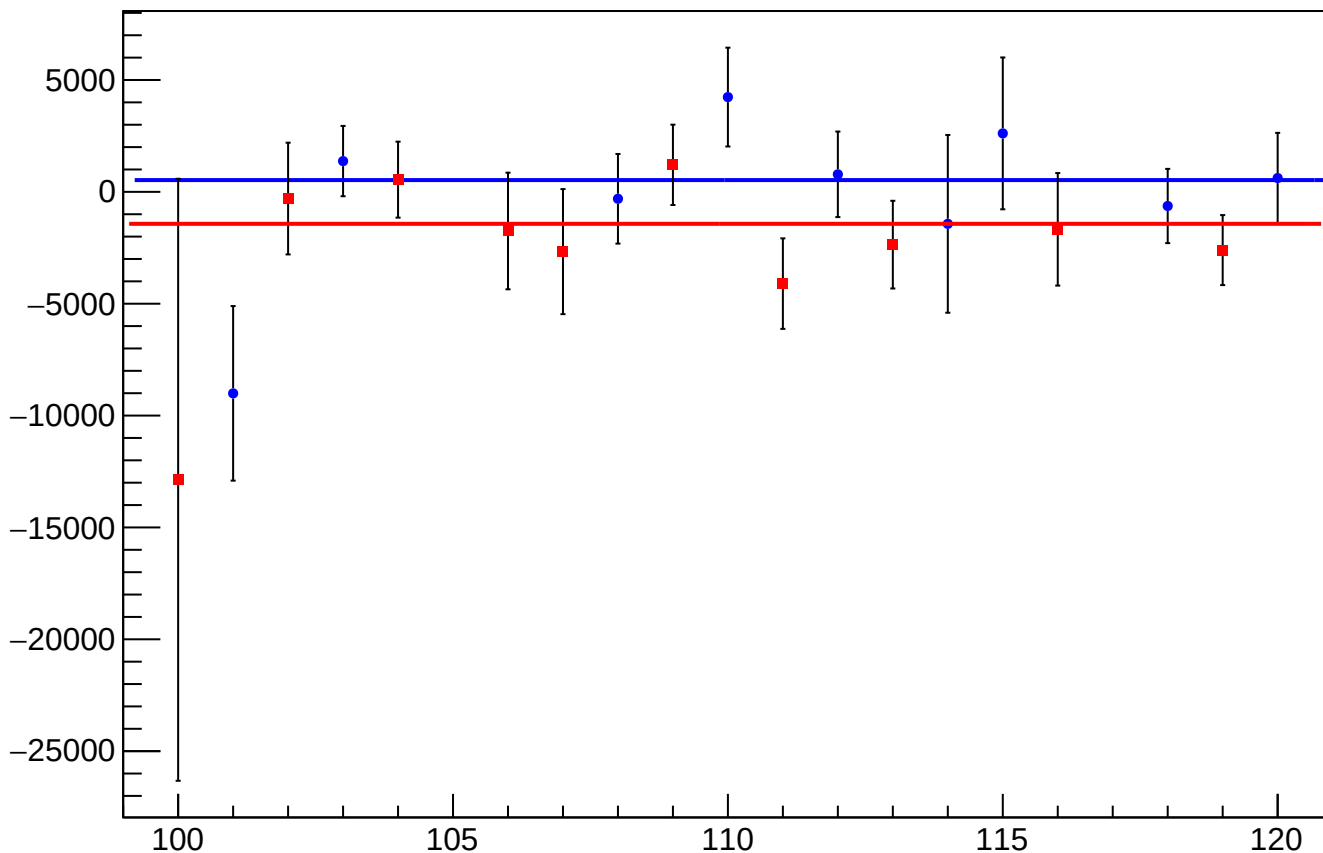
Right: 1313.357+/-0.339 χ^2/NDF : 443579.0/18

In: 1278.751+/-0.480 χ^2/NDF : 238566.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1313.357+/-0.339 χ^2/NDF : 443579.0/18

eigen_dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 526.021+/-714.769 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1428.715+/-678.969 χ^2/NDF : 7.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

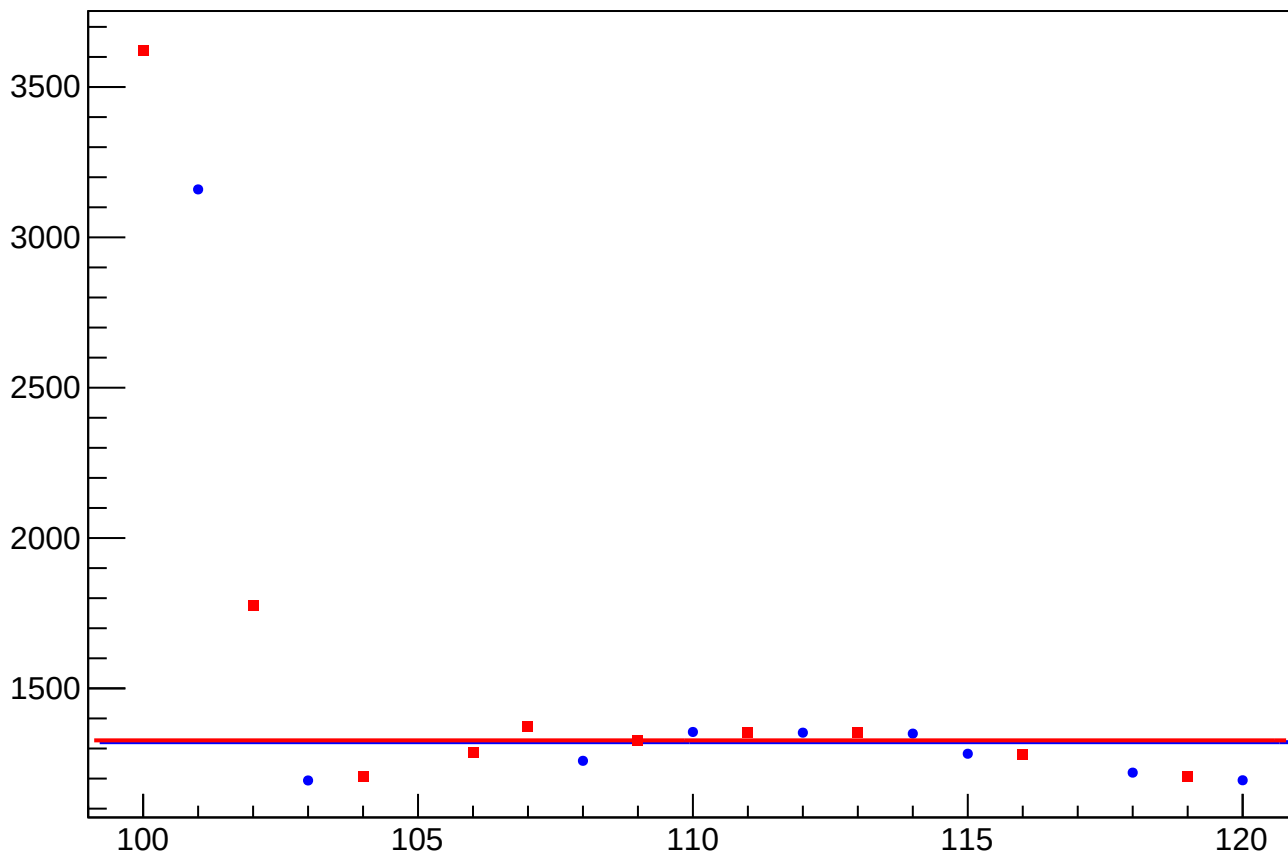
Right: -501.524+/-492.273 χ^2/NDF : 21.5/18

In: 526.021+/-714.769 χ^2/NDF : 10.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -501.524+/-492.273 χ^2/NDF : 21.5/18

eigen_dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1321.049+/-0.505 χ^2/NDF : 475871.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1327.118+/-0.480 χ^2/NDF : 146713.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

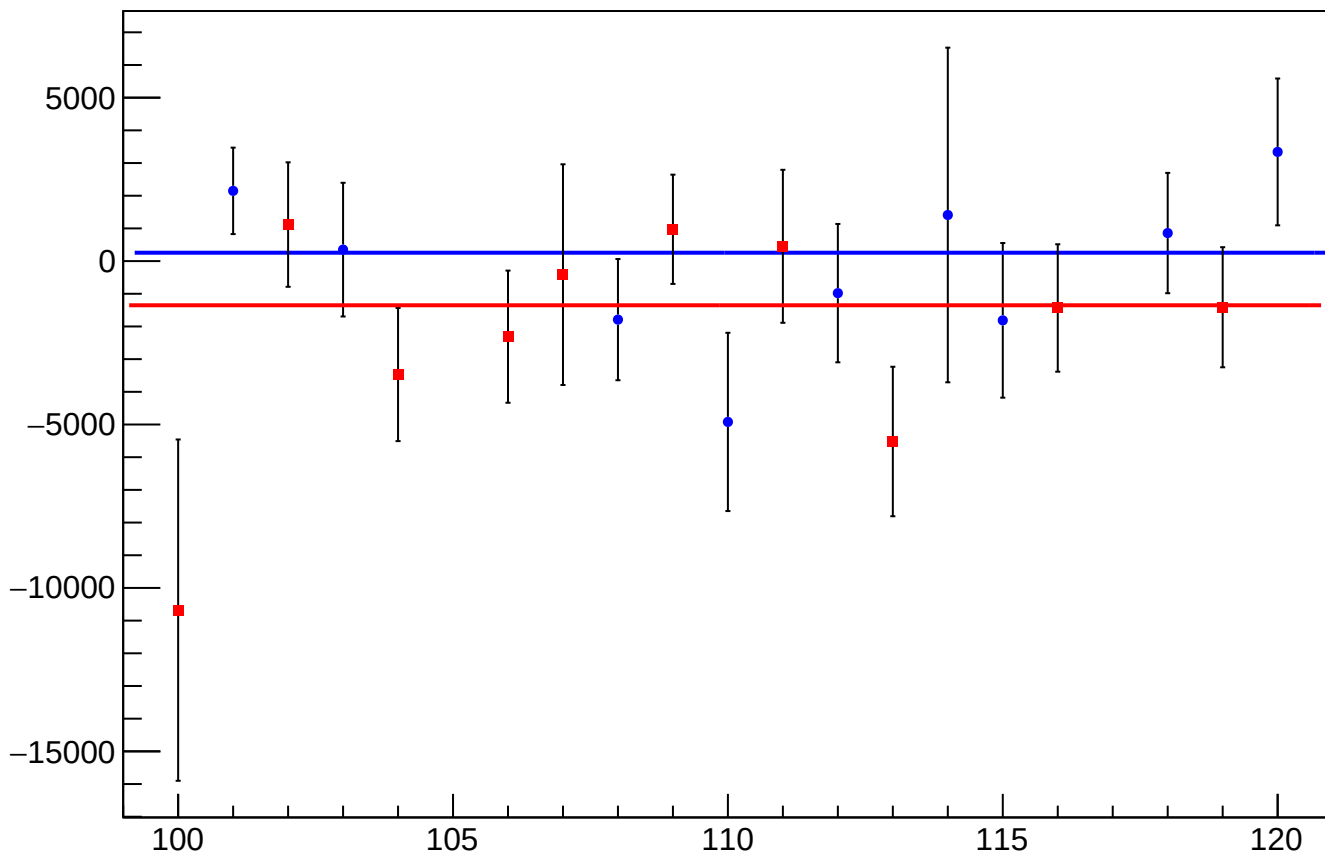
Right: 1324.240+/-0.348 χ^2/NDF : 622660.1/18

In: 1321.049+/-0.505 χ^2/NDF : 475871.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1324.240+/-0.348 χ^2/NDF : 622660.1/18

asym_atl_dd_atr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 256.363+/-678.946 χ^2/NDF : 10.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1351.572+/-677.736 χ^2/NDF : 12.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

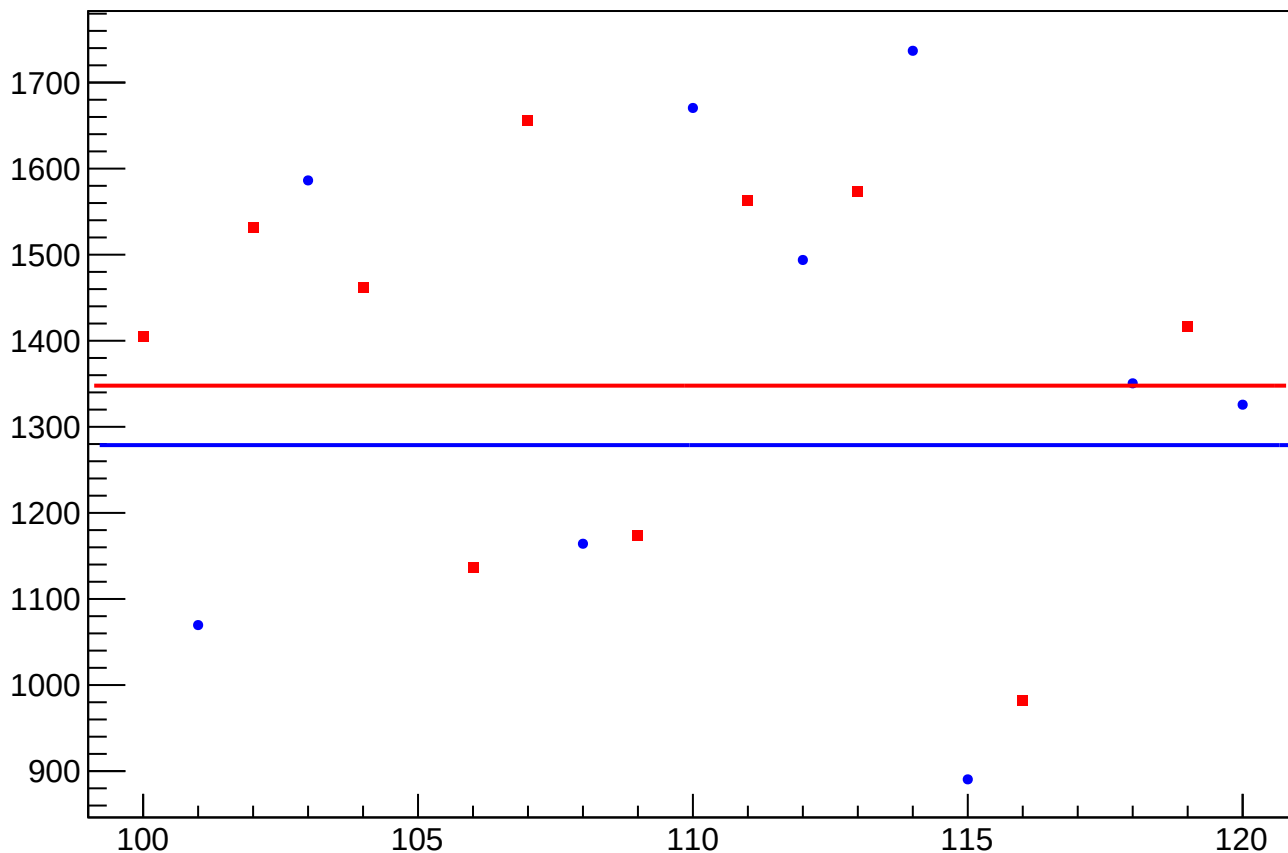
Right: -549.039+/-479.659 χ^2/NDF : 24.9/18

In: 256.363+/-678.946 χ^2/NDF :10.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -549.039+/-479.659 χ^2/NDF : 24.9/18

asym_atl_dd_atr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1278.748+/-0.480 χ^2/NDF : 238571.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1347.840+/-0.479 χ^2/NDF : 194638.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

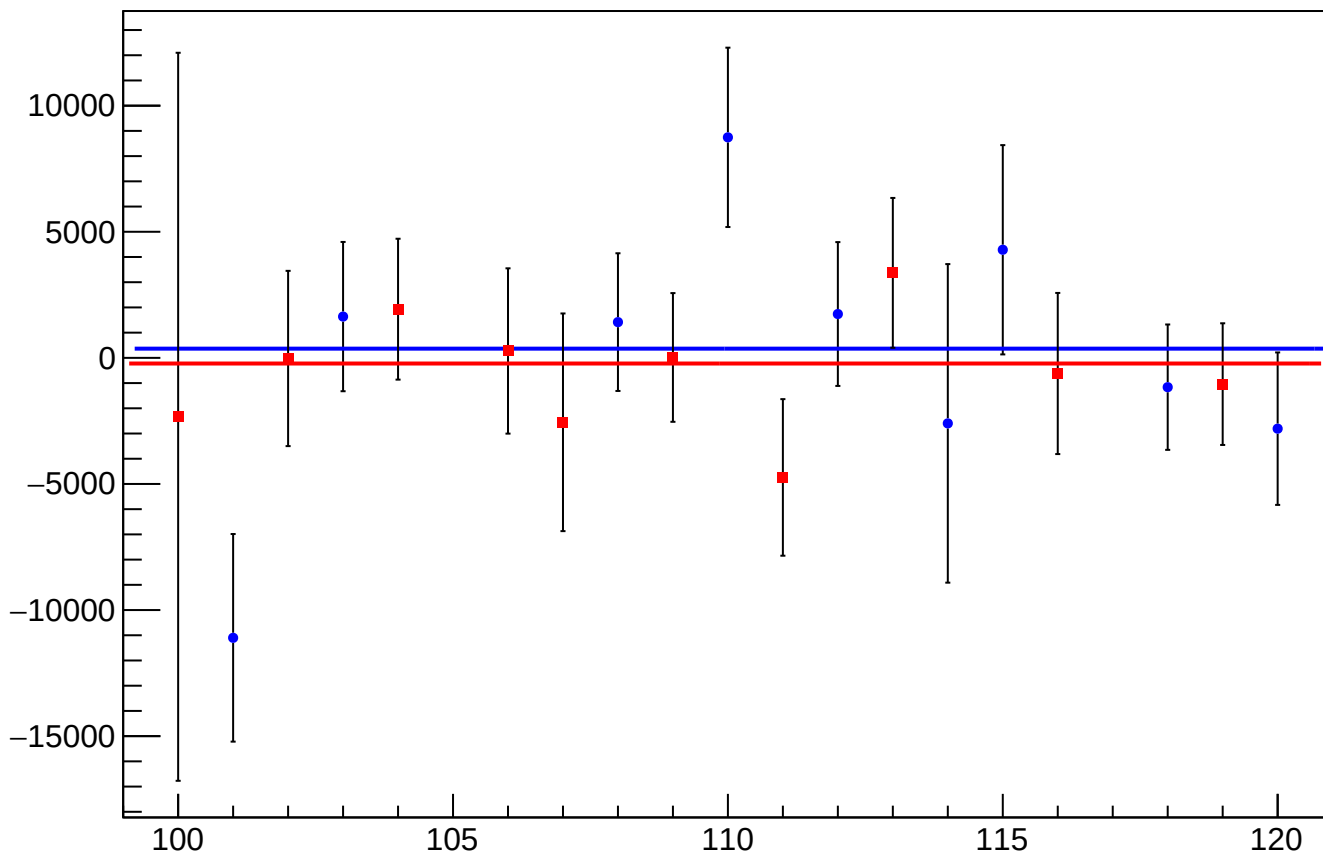
Right: 1313.356+/-0.339 χ^2/NDF : 443583.9/18

In: 1278.748+/-0.480 χ^2/NDF : 238571.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1313.356+/-0.339 χ^2/NDF : 443583.9/18

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 365.416+/-1075.930 χ^2/NDF : 16.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -224.083+/-998.479 χ^2/NDF : 4.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

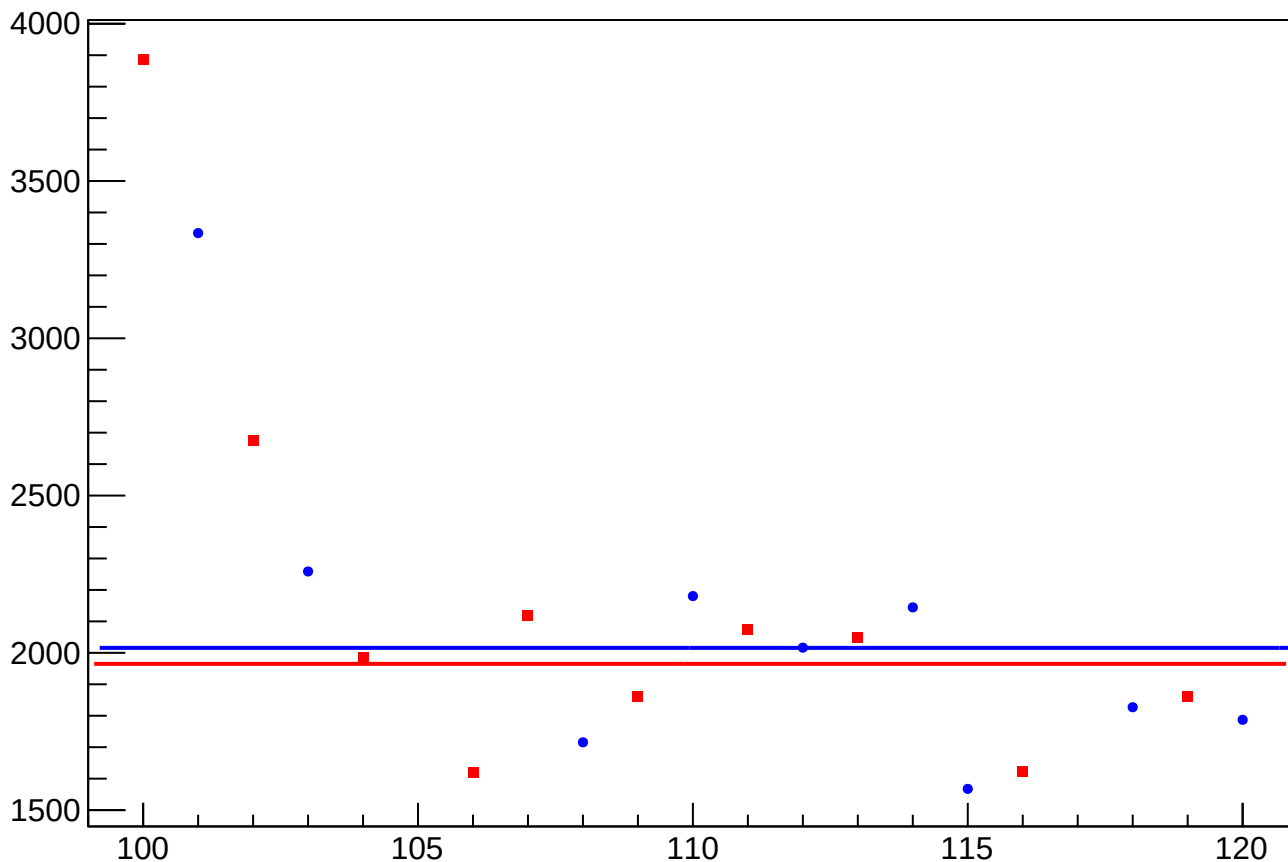
Right: 48.688+/-731.882 χ^2/NDF : 21.3/18

In: 365.416+/-1075.930 χ^2/NDF : 16.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.688+/-731.882 χ^2/NDF : 21.3/18

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2015.798+/-0.761 χ^2/NDF : 294337.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1965.020+/-0.706 χ^2/NDF : 177626.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

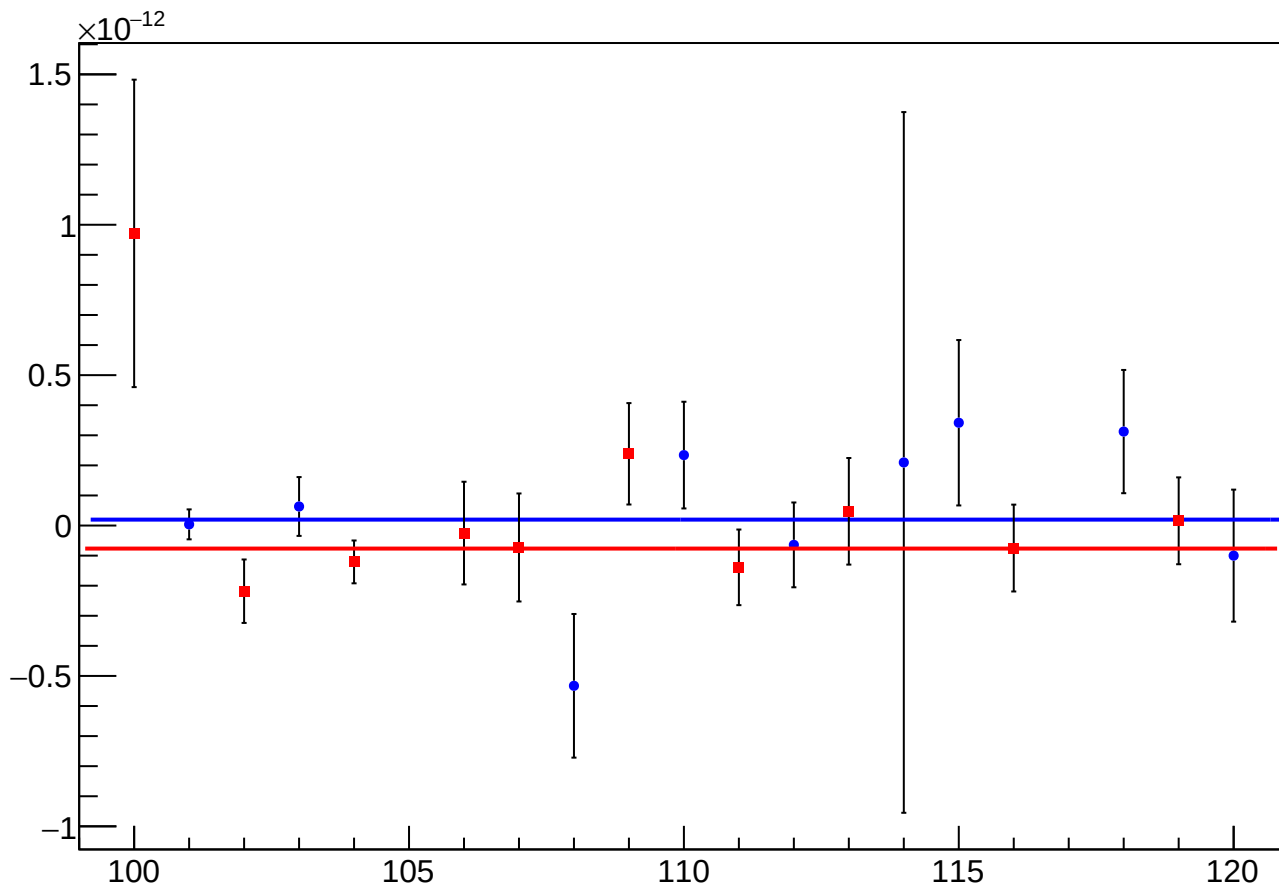
Right: 1988.515+/-0.518 χ^2/NDF : 474357.8/18

In: 2015.798+/-0.761 χ^2/NDF : 294337.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1988.515+/-0.518 χ^2/NDF : 474357.8/18

asym_atl_dd_atr_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

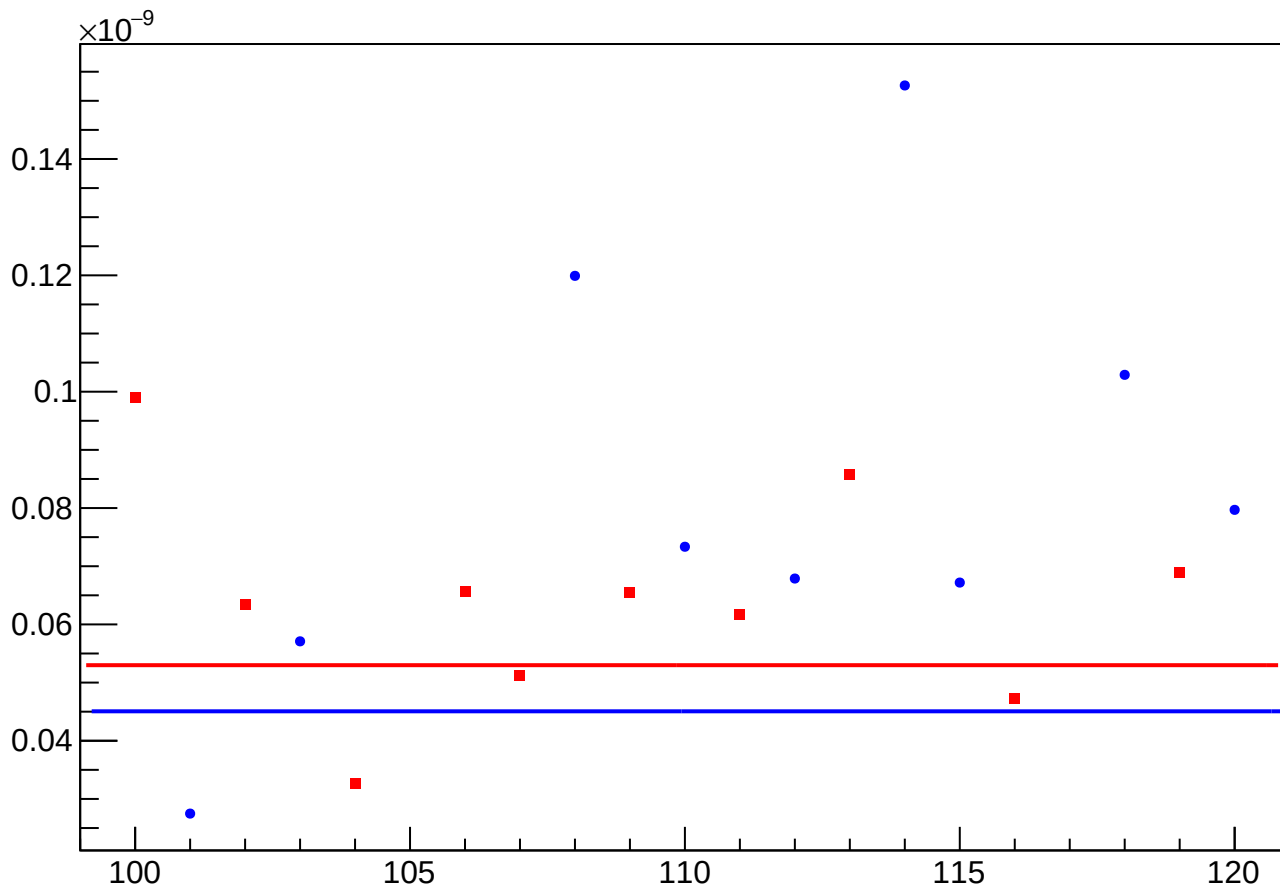
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 25.2/18

In: 0.000 $\pm$ 0.000 χ^2 /NDF:11.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 25.2/18

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 818463.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 327902.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

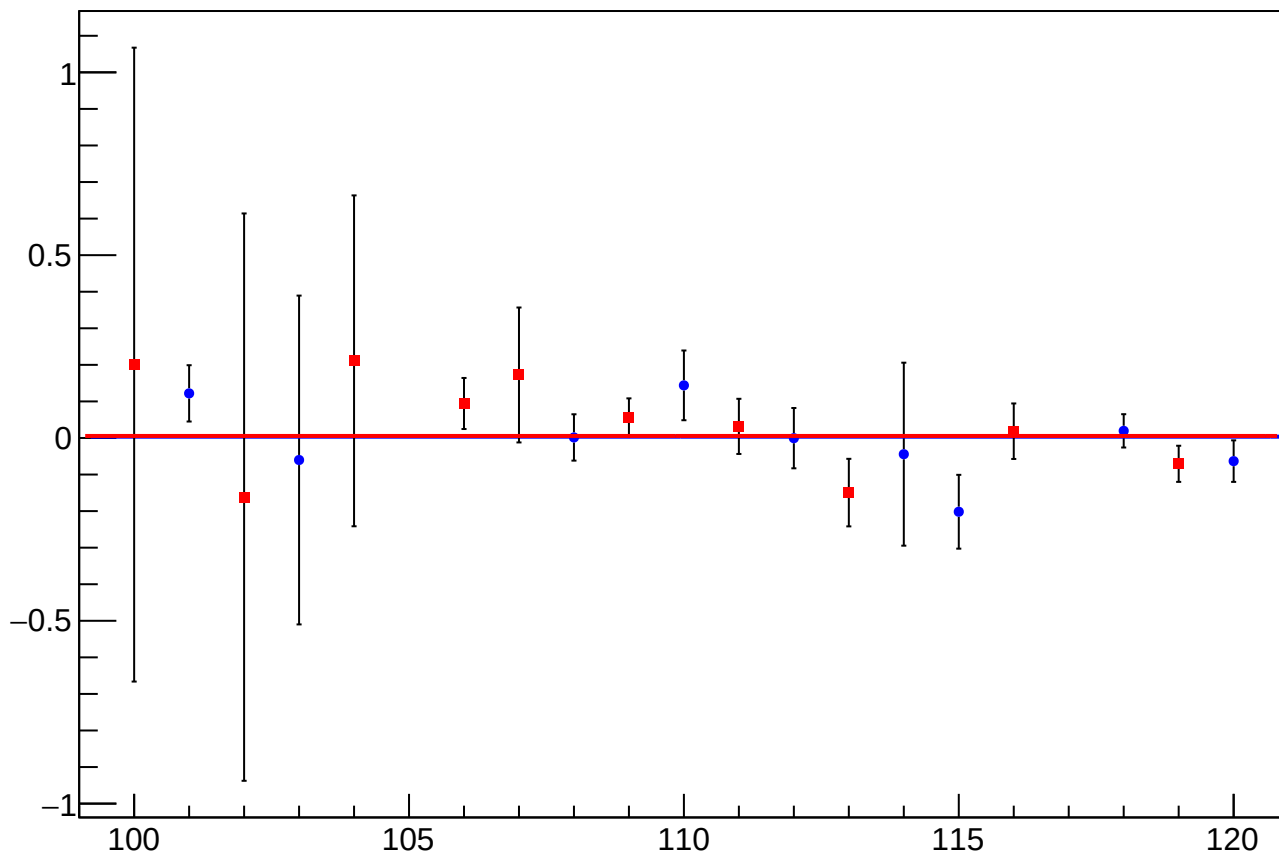
Right: 0.000+/-0.000 χ^2/NDF : 1185431.9/18

In: 0.000+/-0.000 χ^2/NDF : 818463.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1185431.9/18

asym_atl_dd_atr_dd_dd_dit_vs_Slug, Sign Corrected



Right In: 0.004+/-0.025 χ^2/NDF : 10.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.026 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

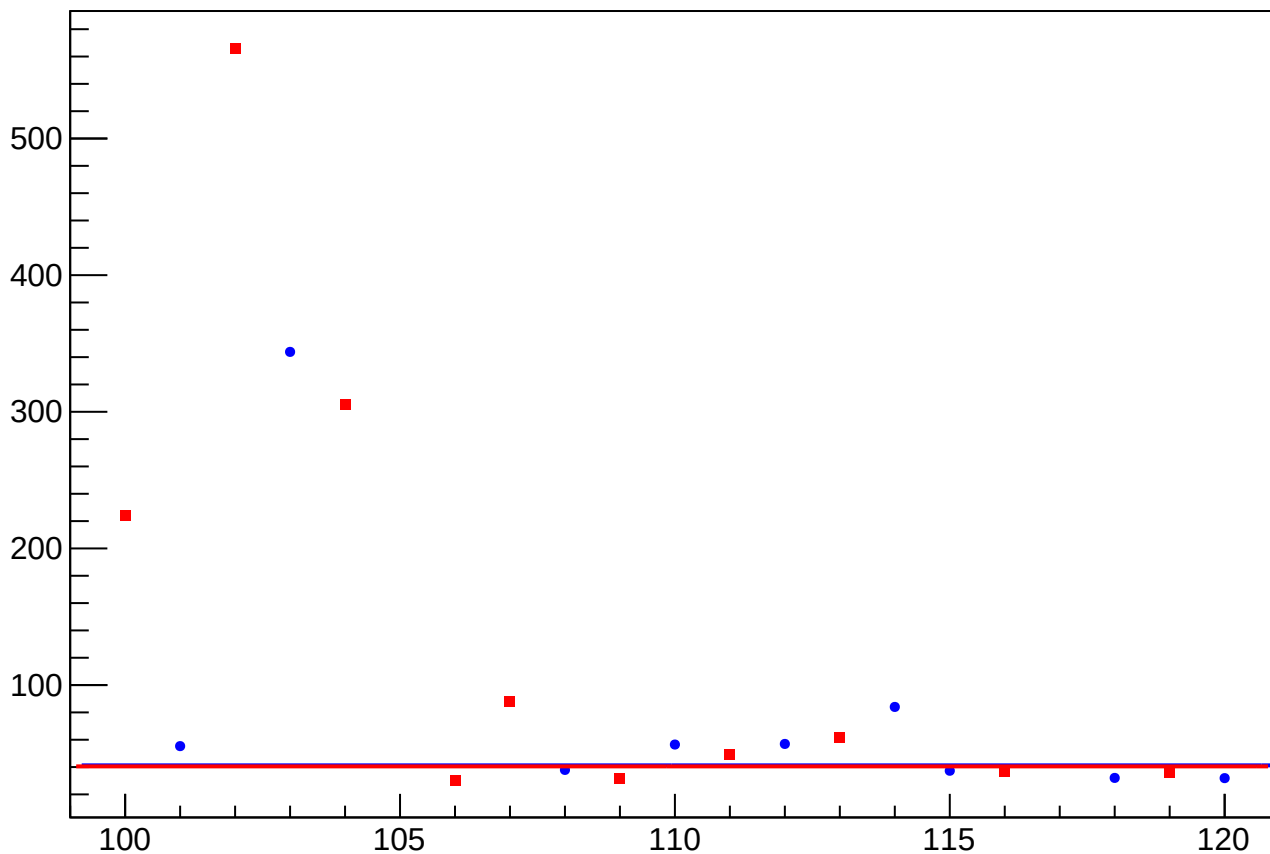
Right: 0.005+/-0.018 χ^2/NDF : 19.2/18

In: 0.004+/-0.025 χ^2/NDF : 10.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.018 χ^2/NDF : 19.2/18

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.247+/-0.018 χ^2/NDF : 1298346.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.496+/-0.018 χ^2/NDF : 2084771.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

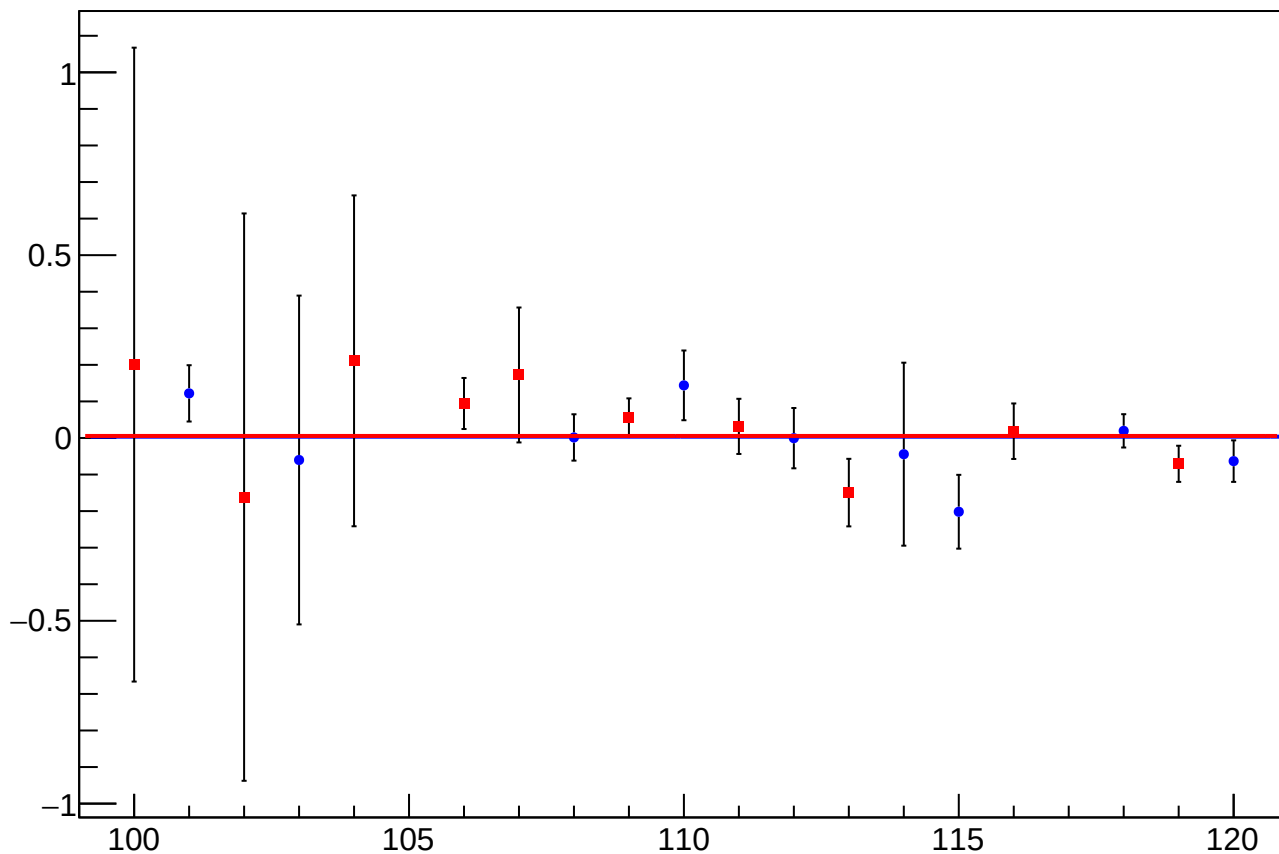
Right: 40.884+/-0.013 χ^2/NDF : 3383985.2/18

In: 41.247+/-0.018 χ^2/NDF : 1298346.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.884+/-0.013 χ^2/NDF : 3383985.2/18

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.025 χ^2/NDF : 10.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.026 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

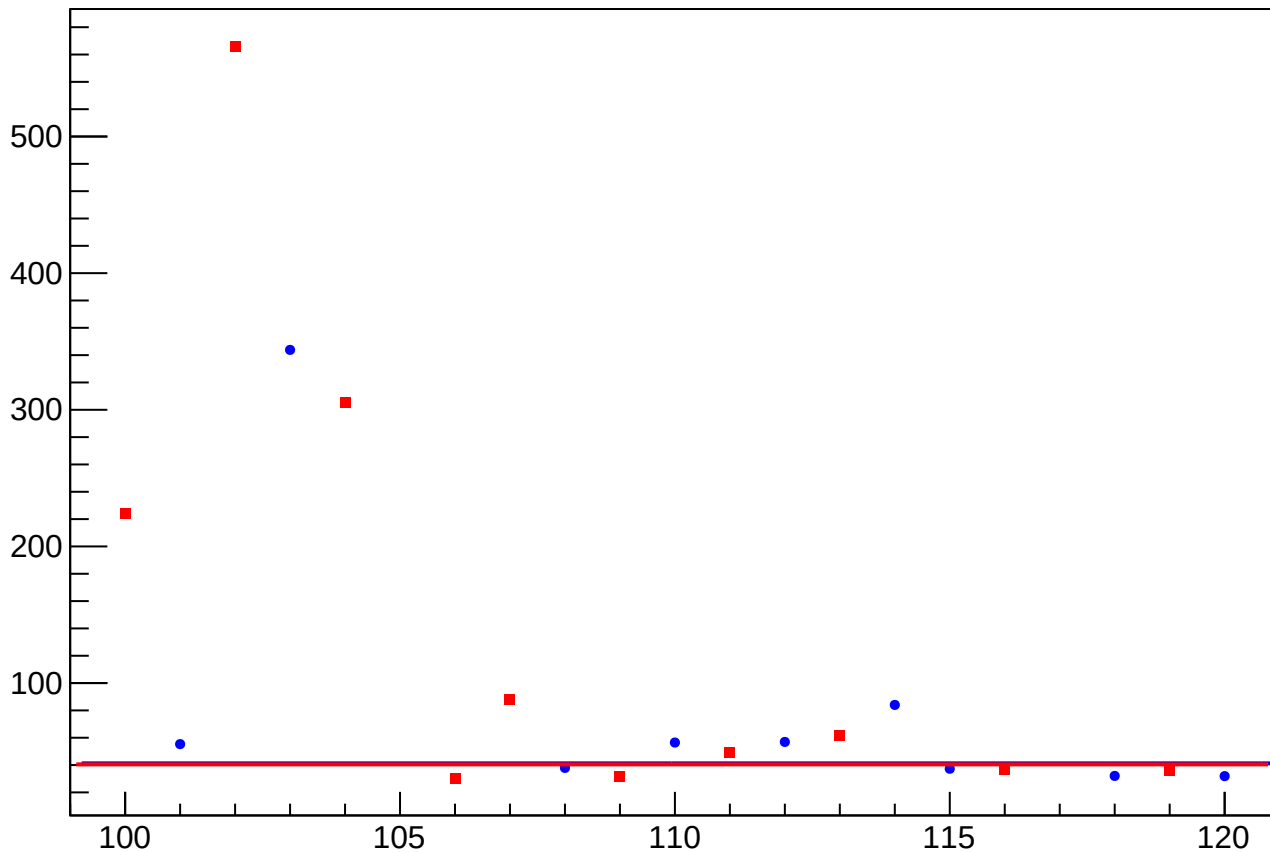
Right: 0.005+/-0.018 χ^2/NDF : 19.2/18

In: 0.004+/-0.025 χ^2/NDF : 10.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.018 χ^2/NDF : 19.2/18

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.247+/-0.018 χ^2/NDF : 1298346.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.496+/-0.018 χ^2/NDF : 2084771.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

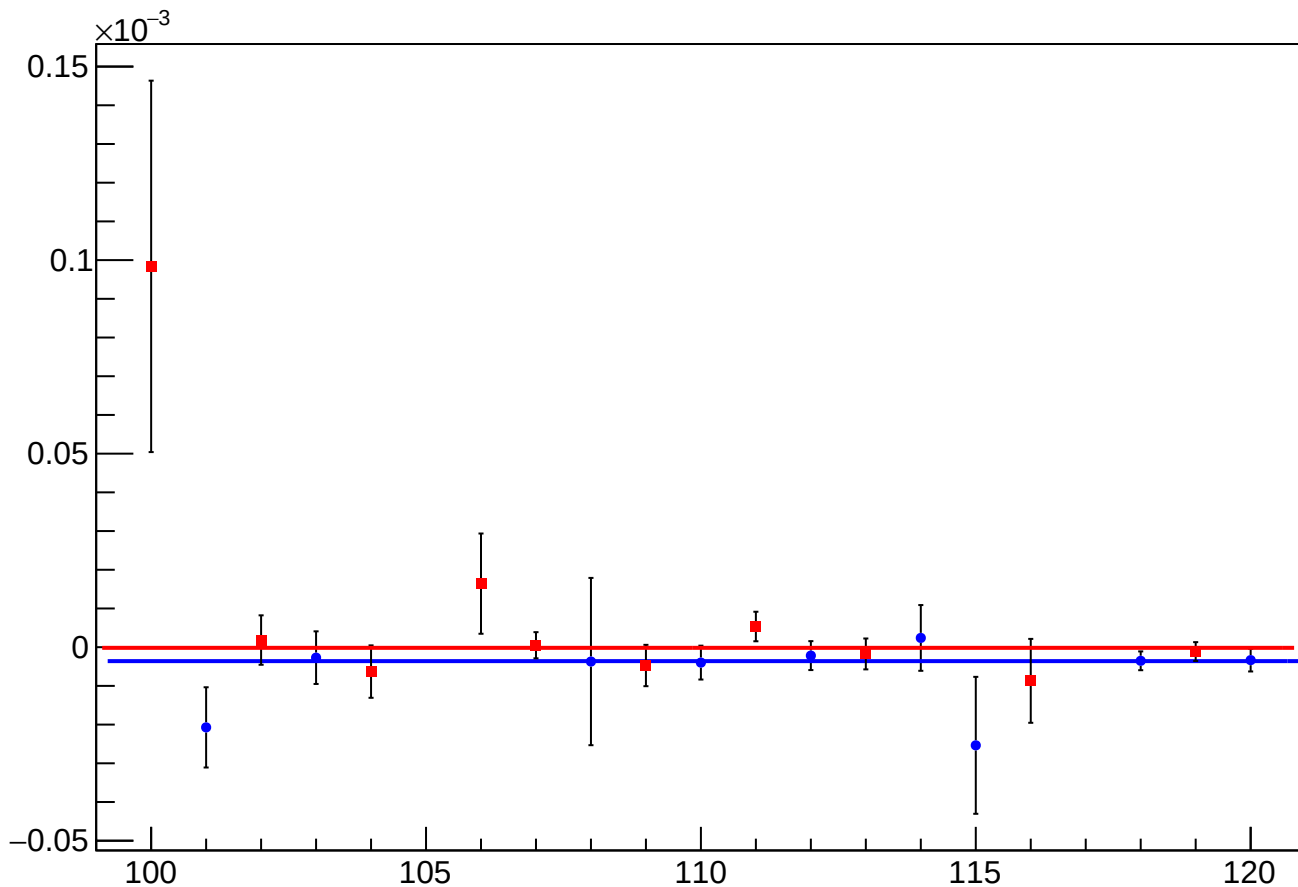
Right: 40.884+/-0.013 χ^2/NDF : 3383985.2/18

In: 41.247+/-0.018 χ^2/NDF : 1298346.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.884+/-0.013 χ^2/NDF : 3383985.2/18

asym_atl_dd_atr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 4.9/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 10.6/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

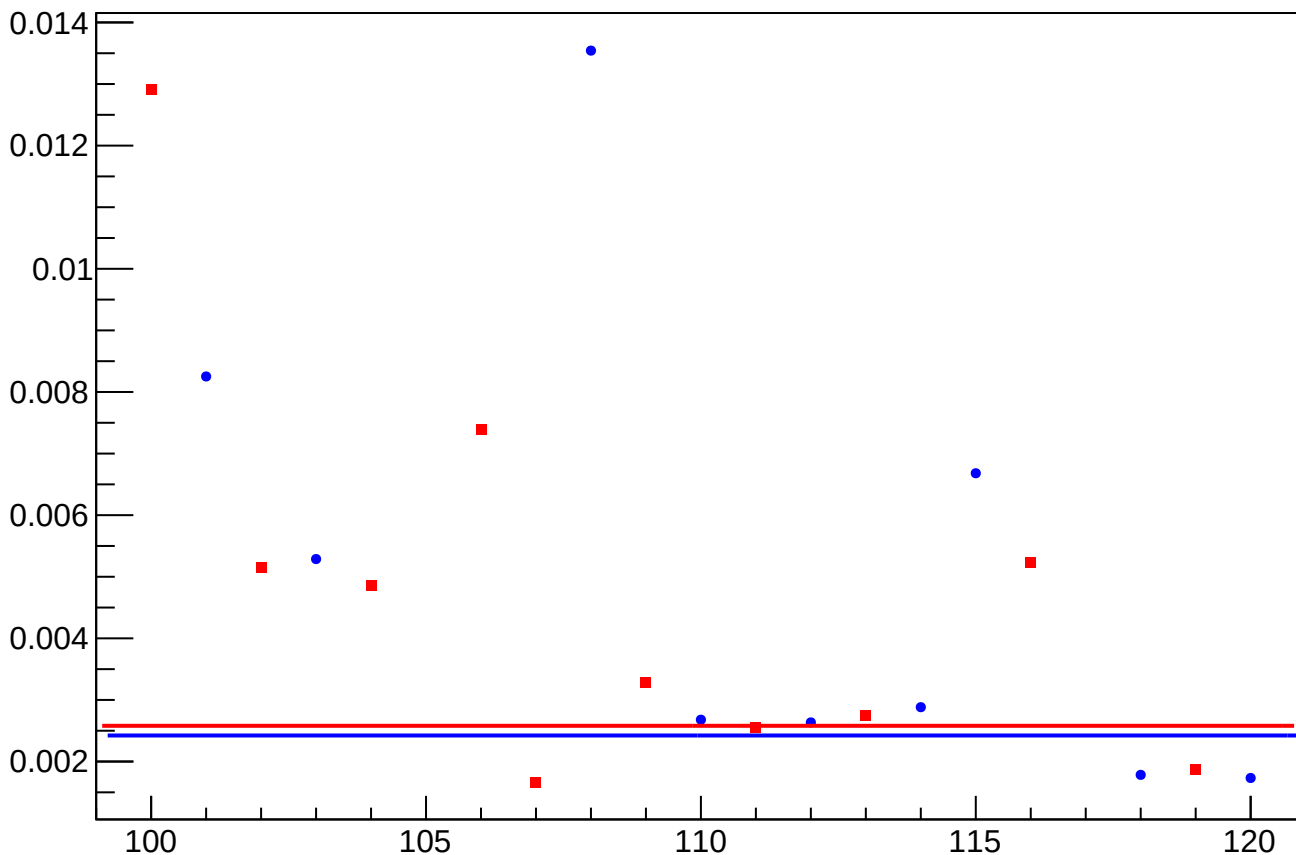
Right: -0.000+/-0.000 χ^2 /NDF: 18.3/18

In: -0.000+/-0.000 χ^2 /NDF:4.9/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 18.3/18

asym_atl_dd_atr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1901622.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1395657.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

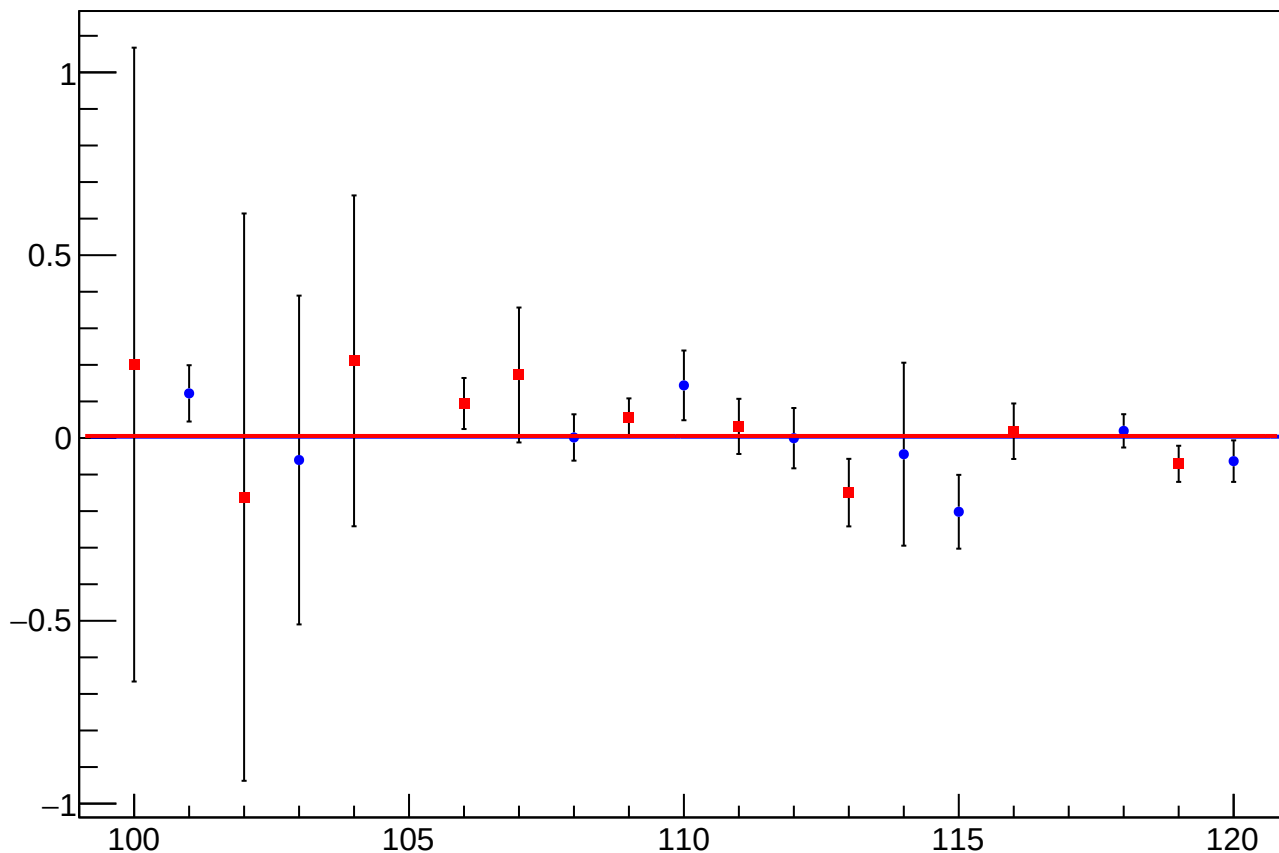
Right: 0.003+/-0.000 χ^2/NDF : 3308951.0/18

In: 0.002+/-0.000 χ^2/NDF : 1901622.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3308951.0/18

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.025 χ^2/NDF : 10.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.026 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

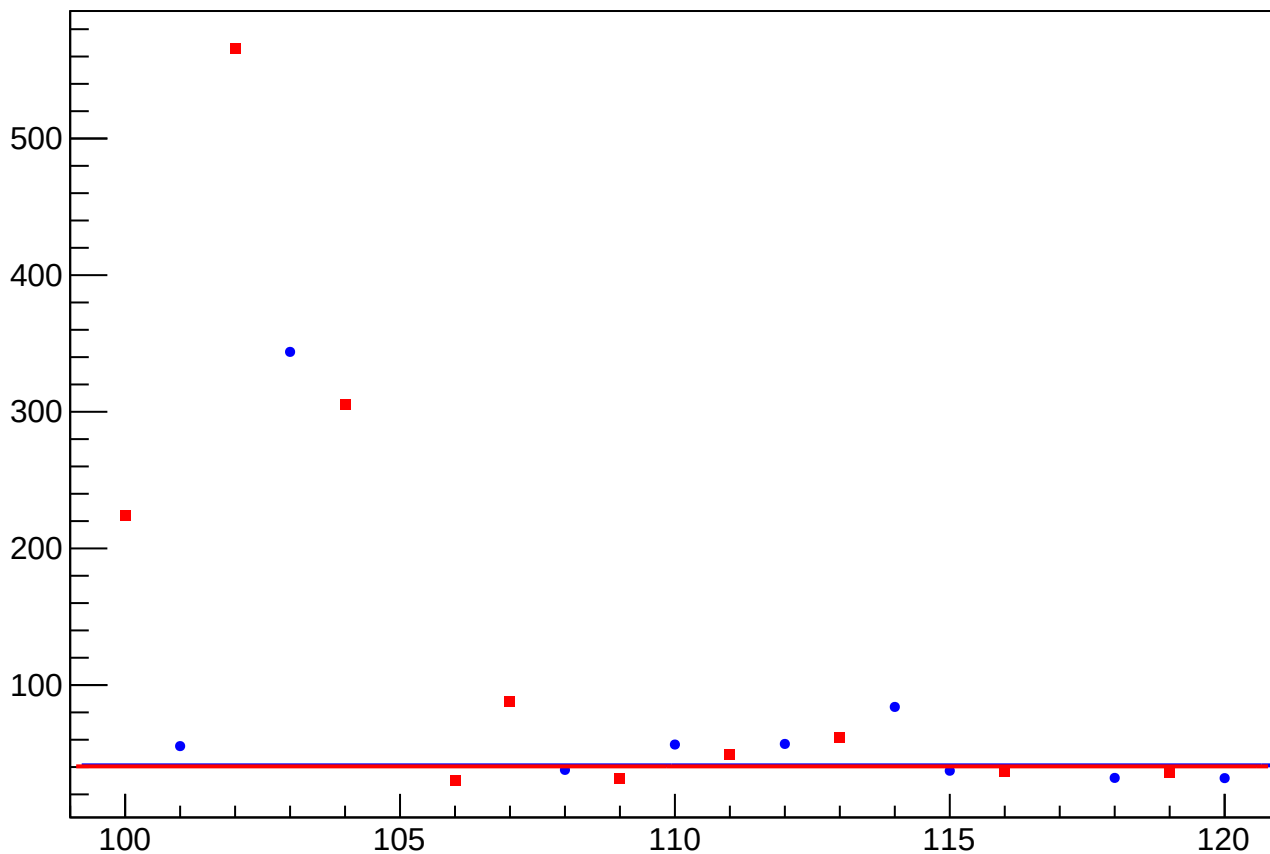
Right: 0.005+/-0.018 χ^2/NDF : 19.2/18

In: 0.004+/-0.025 χ^2/NDF : 10.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.018 χ^2/NDF : 19.2/18

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.249+/-0.018 χ^2/NDF : 1298349.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.494+/-0.018 χ^2/NDF : 2084814.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

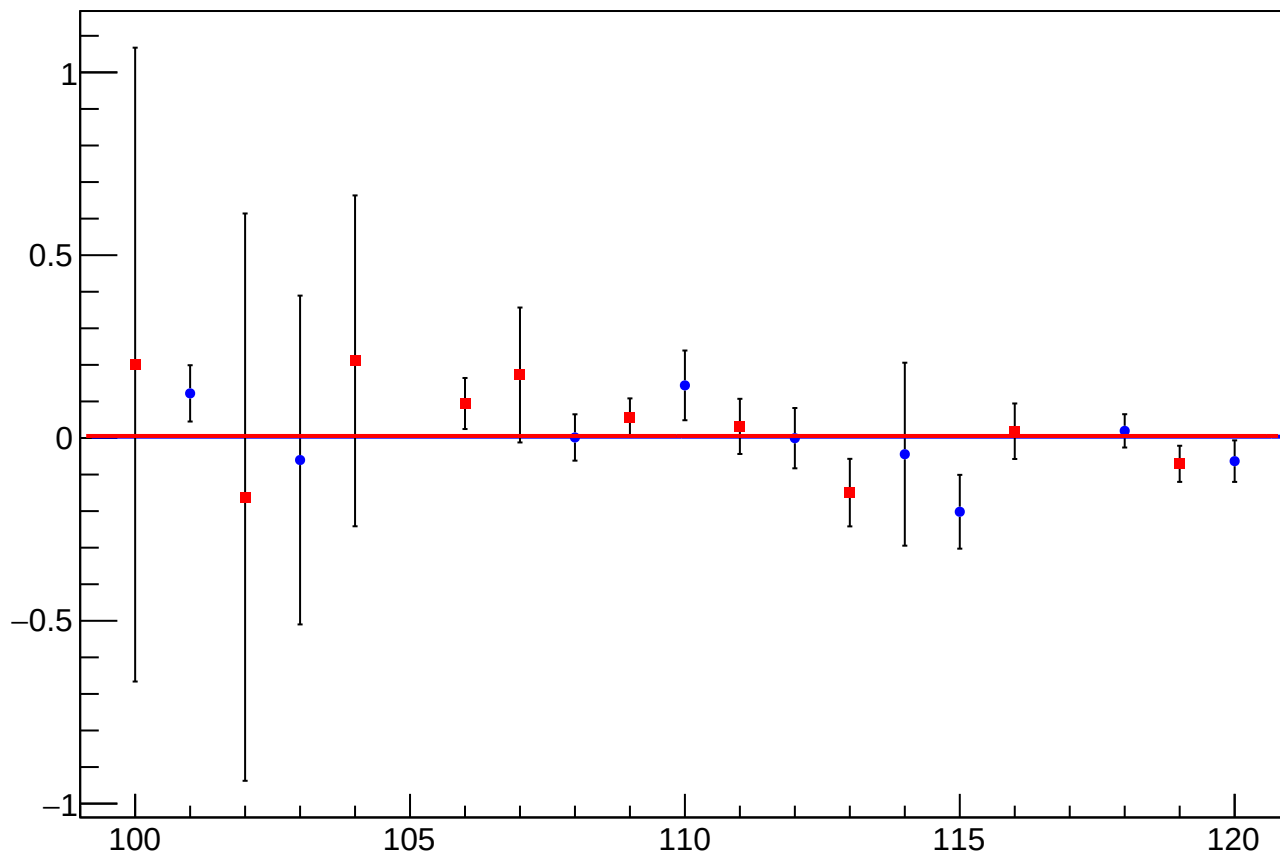
Right: 40.884+/-0.013 χ^2/NDF : 3384036.6/18

In: 41.249+/-0.018 χ^2/NDF : 1298349.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.884+/-0.013 χ^2/NDF : 3384036.6/18

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.025 χ^2/NDF : 10.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.026 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

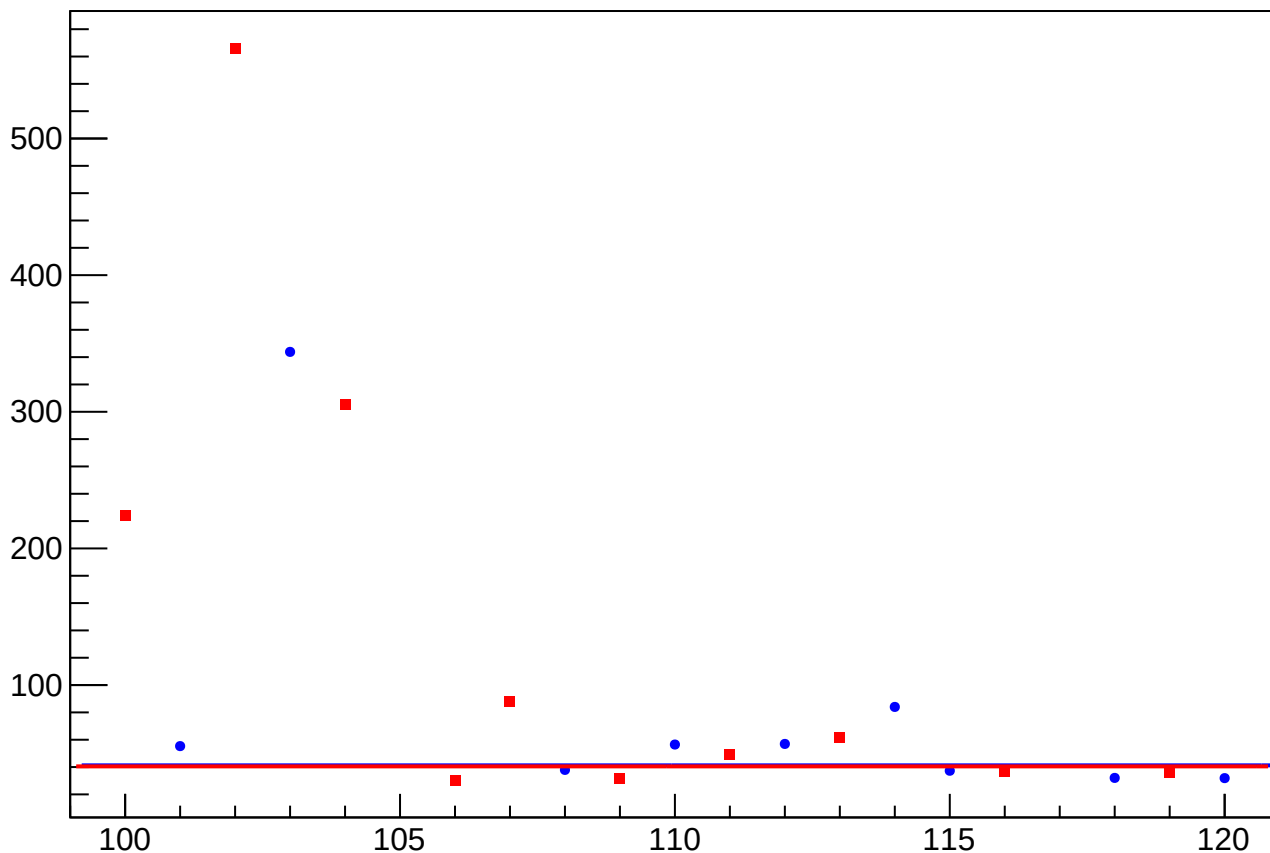
Right: 0.005+/-0.018 χ^2/NDF : 19.2/18

In: 0.004+/-0.025 χ^2/NDF :10.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.018 χ^2/NDF : 19.2/18

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.249+/-0.018 χ^2/NDF : 1298349.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.494+/-0.018 χ^2/NDF : 2084814.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

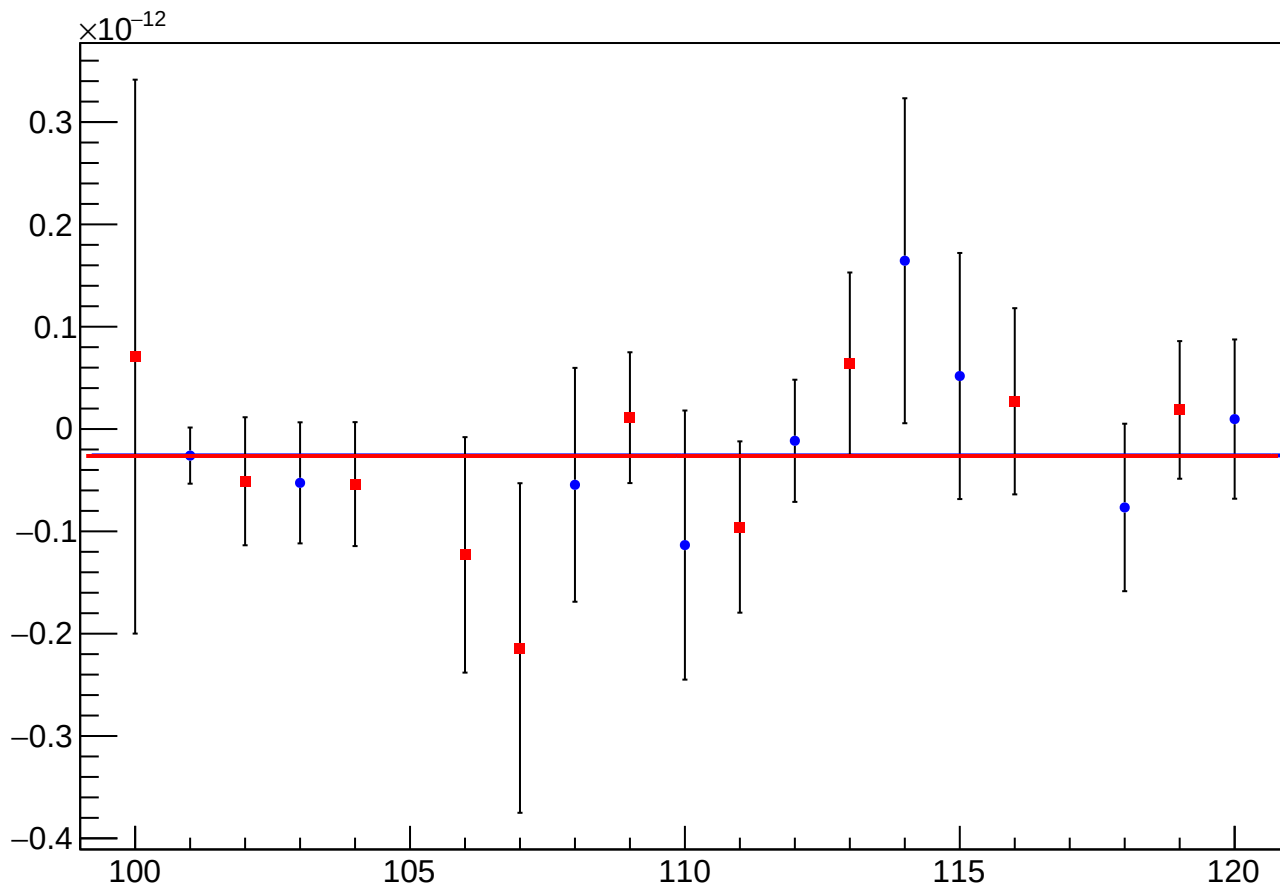
Right: 40.884+/-0.013 χ^2/NDF : 3384036.6/18

In: 41.249+/-0.018 χ^2/NDF : 1298349.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.884+/-0.013 χ^2/NDF : 3384036.6/18

asym_atl_dd_atr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

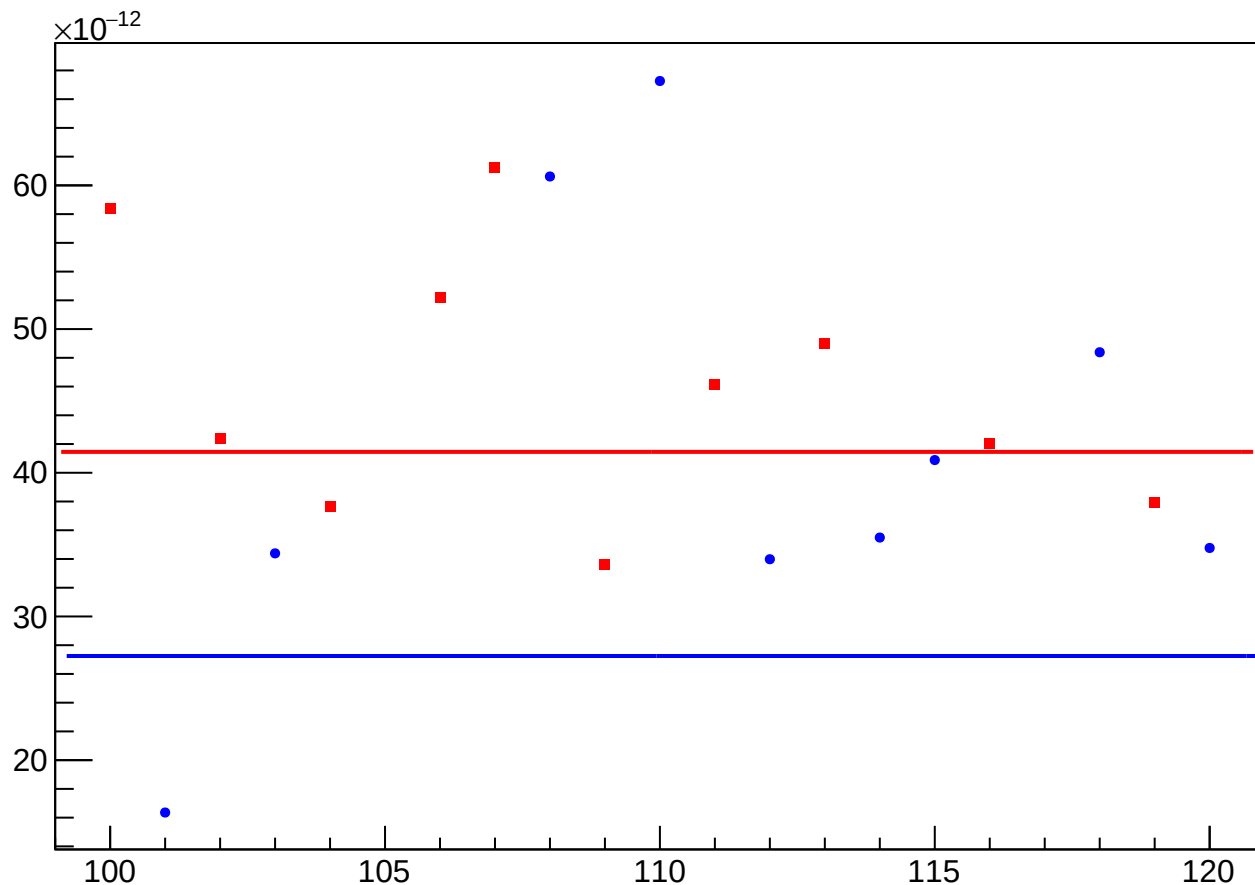
Right: -0.000+/-0.000 χ^2/NDF : 8.6/18

In: -0.000+/-0.000 χ^2/NDF :3.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.6/18

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 : 908767.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 120156.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

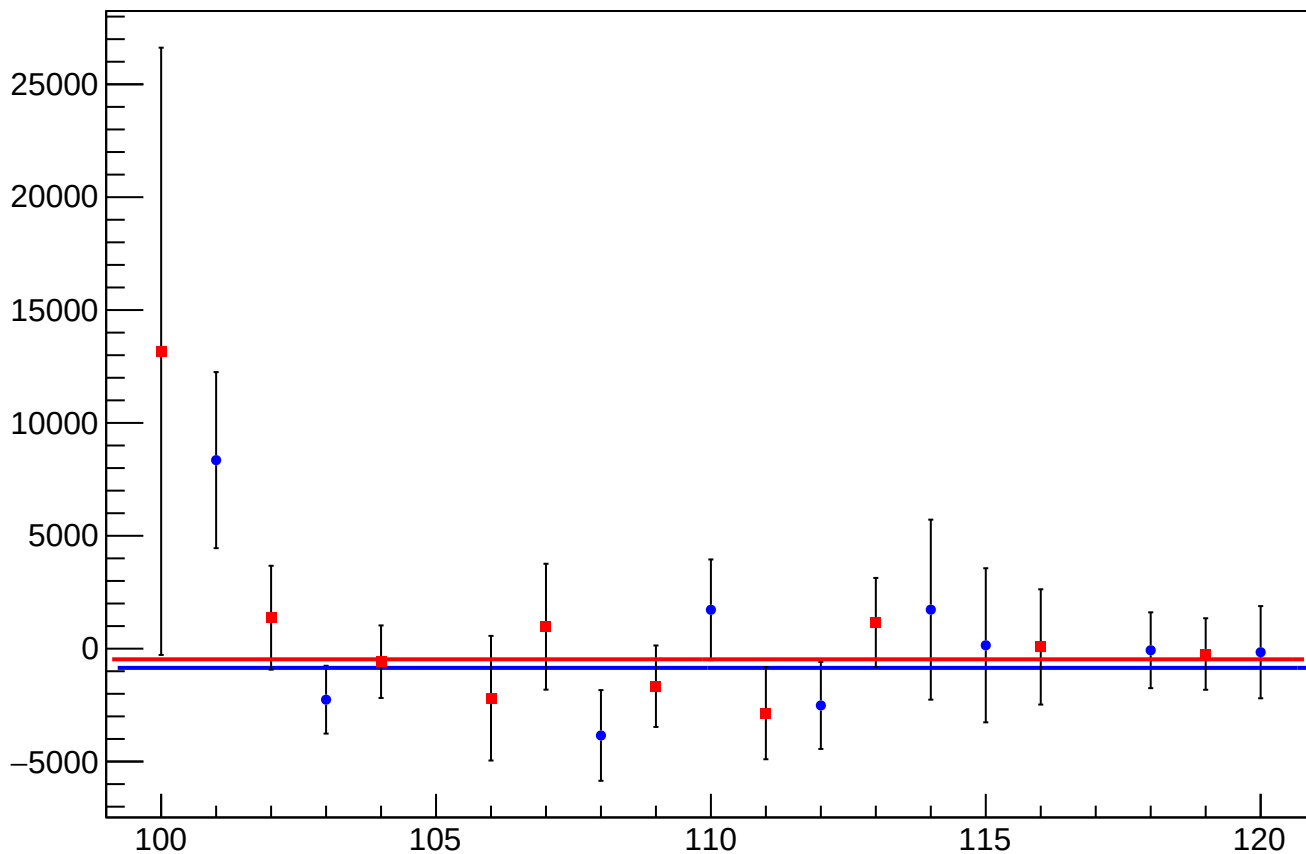
Right: 0.000+/-0.000 χ^2/NDF : 1406260.2/18

In: 0.000+/-0.000 χ^2/NDF : 908767.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1406260.2/18

reg_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -851.359+/-712.546 χ^2/NDF : 11.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -470.574+/-674.645 χ^2/NDF : 4.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

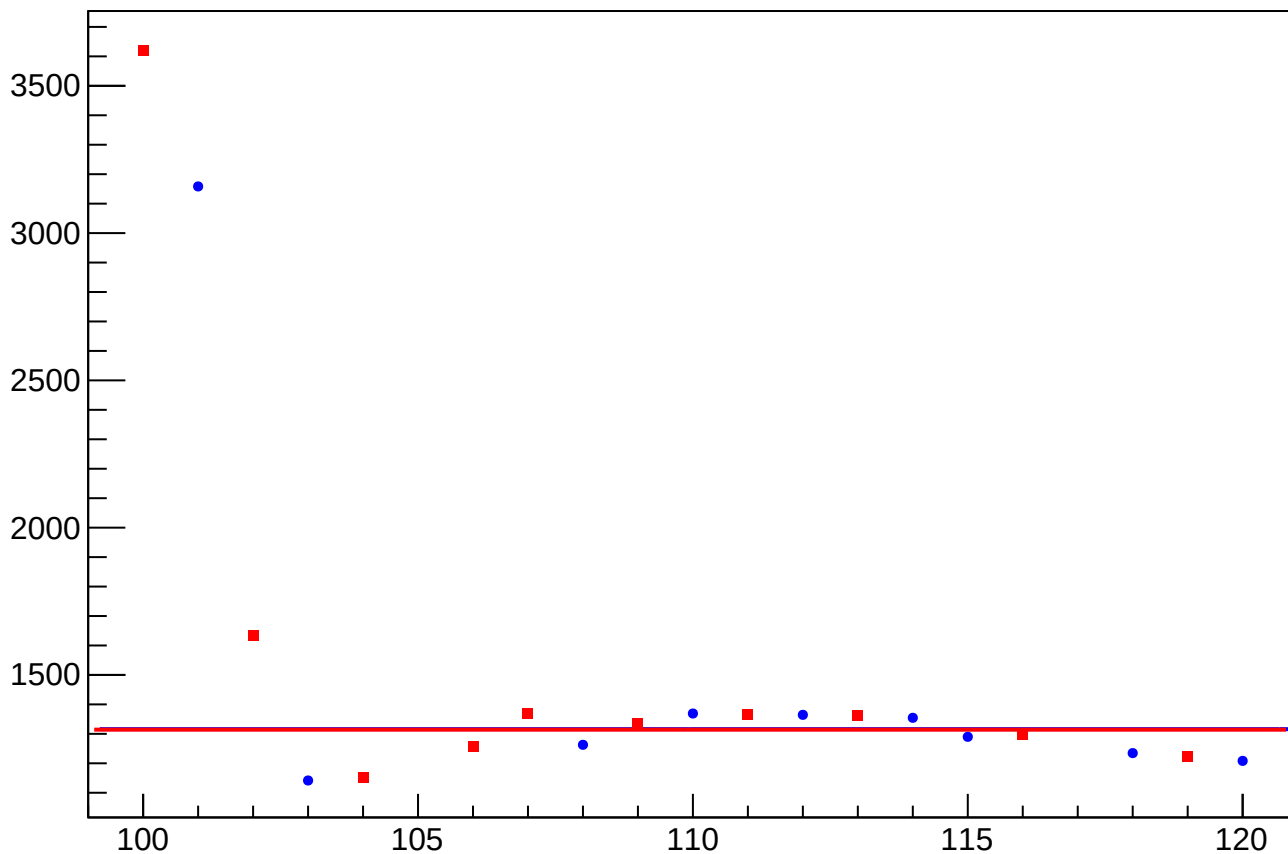
Right: -650.571+/-489.897 χ^2/NDF : 16.6/18

In: -851.359+/-712.546 χ^2/NDF :11.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -650.571+/-489.897 χ^2/NDF : 16.6/18

reg_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1315.927+/-0.504 χ^2/NDF : 487637.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1314.269+/-0.475 χ^2/NDF : 129408.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

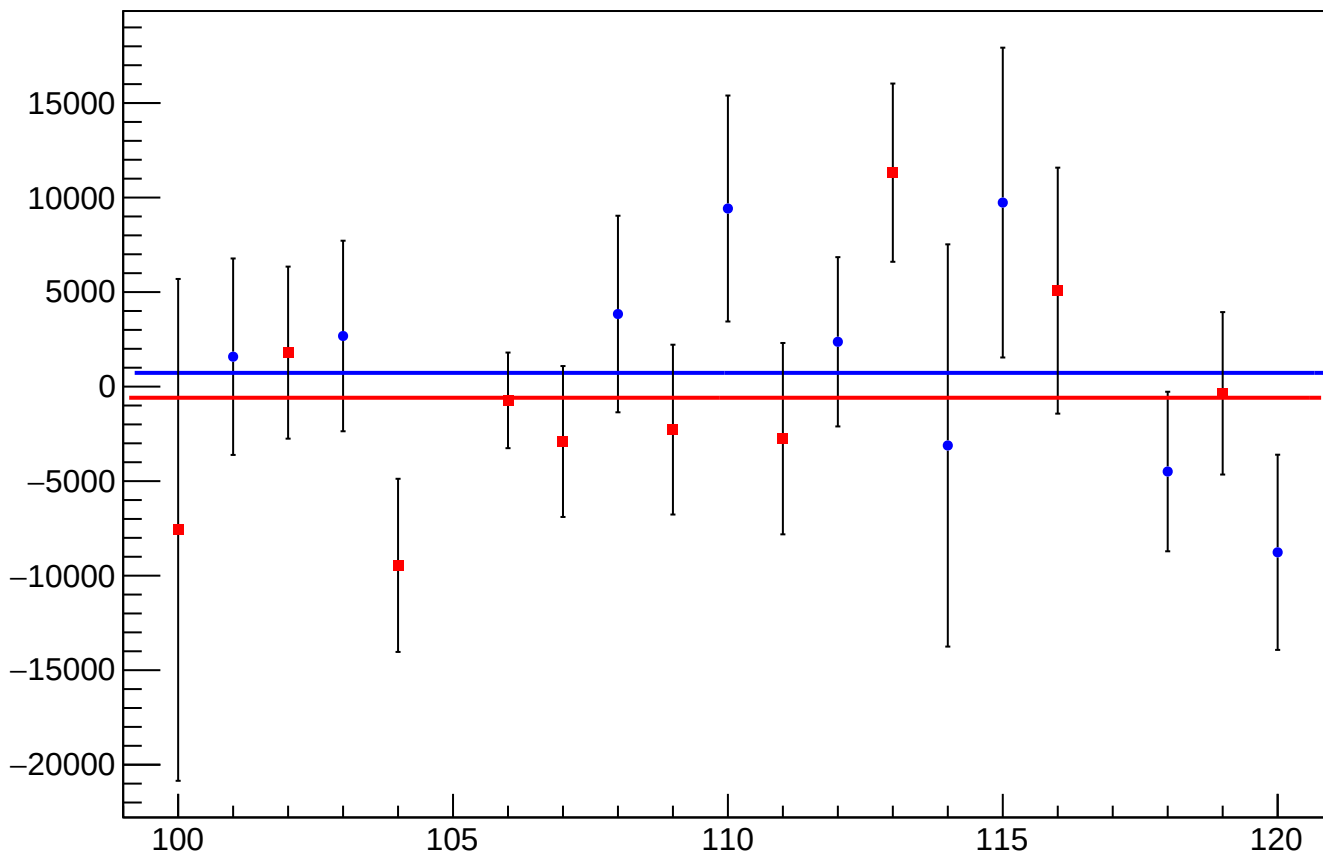
Right: 1315.049+/-0.345 χ^2/NDF : 617052.3/18

In: 1315.927+/-0.504 χ^2/NDF : 487637.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1315.049+/-0.345 χ^2/NDF : 617052.3/18

asym_at1_avg_at2_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 727.064 $\pm$ 1799.843 χ^2 /NDF: 9.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -589.123 $\pm$ 1370.763 χ^2 /NDF: 12.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

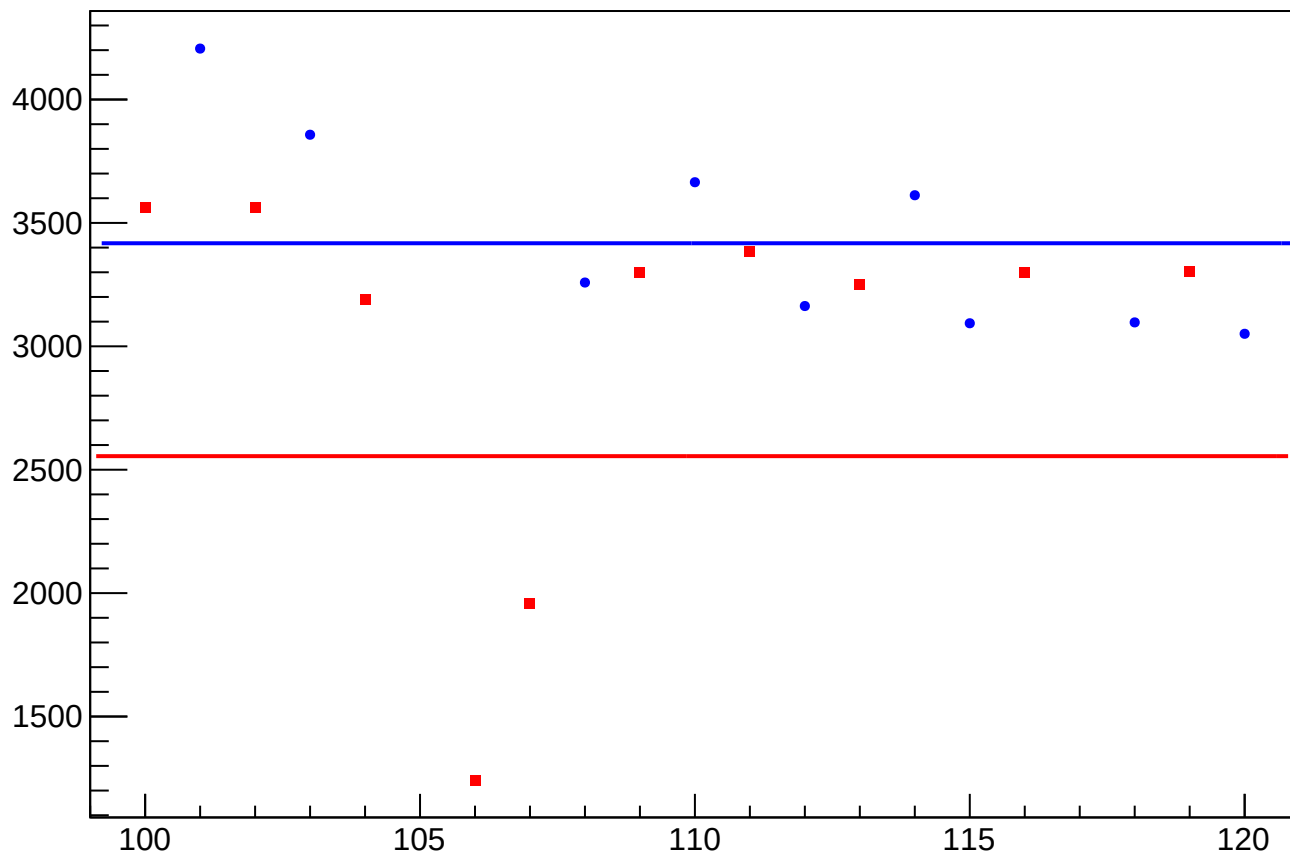
Right: -105.946 $\pm$ 1090.507 χ^2 /NDF: 21.5/18

In: 727.064 $\pm$ 1799.843 χ^2 /NDF:9.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -105.946 $\pm$ 1090.507 χ^2 /NDF: 21.5/18

asym_at1_avg_at2_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3417.596+/-1.273 χ^2/NDF : 98514.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2554.988+/-0.969 χ^2/NDF : 970662.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

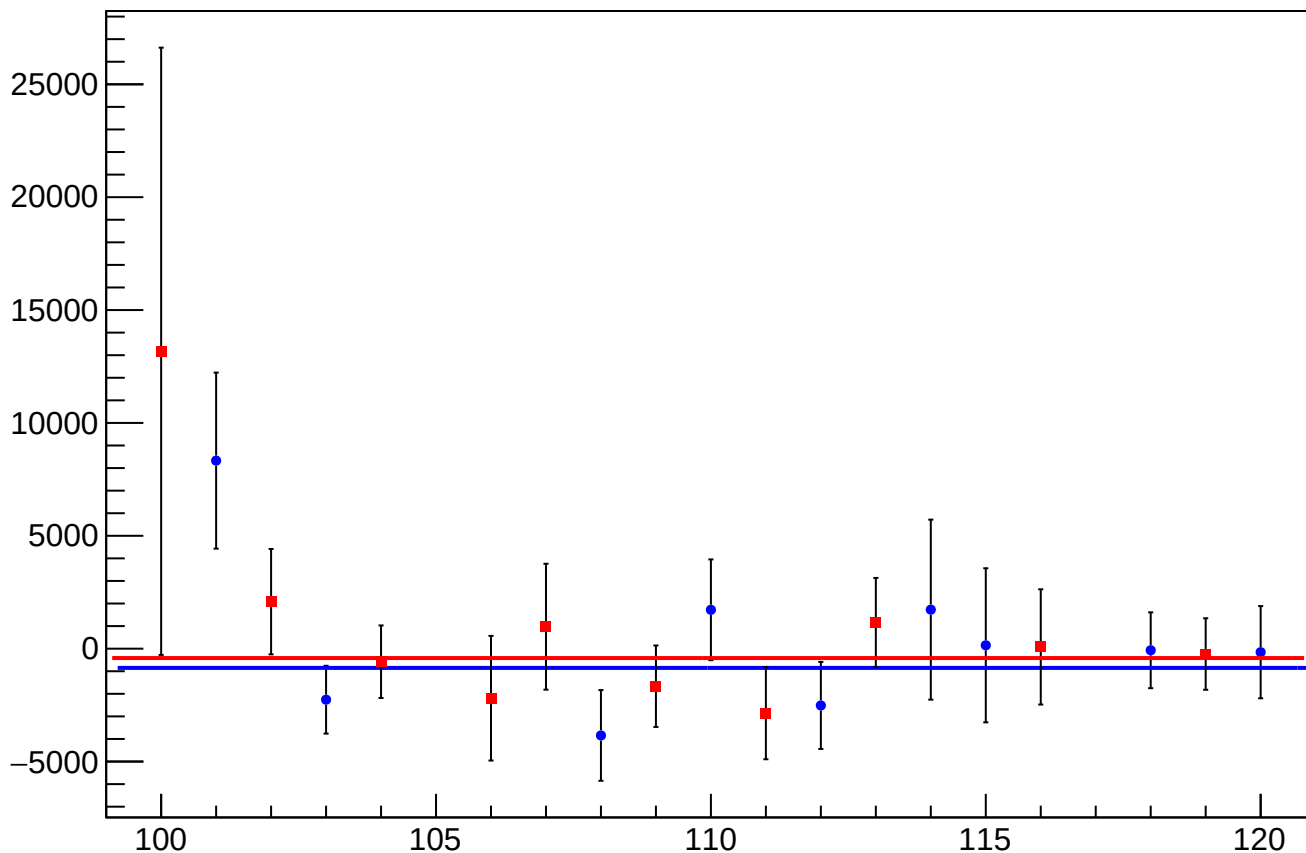
Right: 2871.654+/-0.771 χ^2/NDF : 1359927.0/18

In: 3417.596+/-1.273 χ^2/NDF : 98514.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2871.654+/-0.771 χ^2/NDF : 1359927.0/18

cor_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -852.035+/-712.546 χ^2/NDF : 11.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -415.983+/-675.503 χ^2/NDF : 5.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

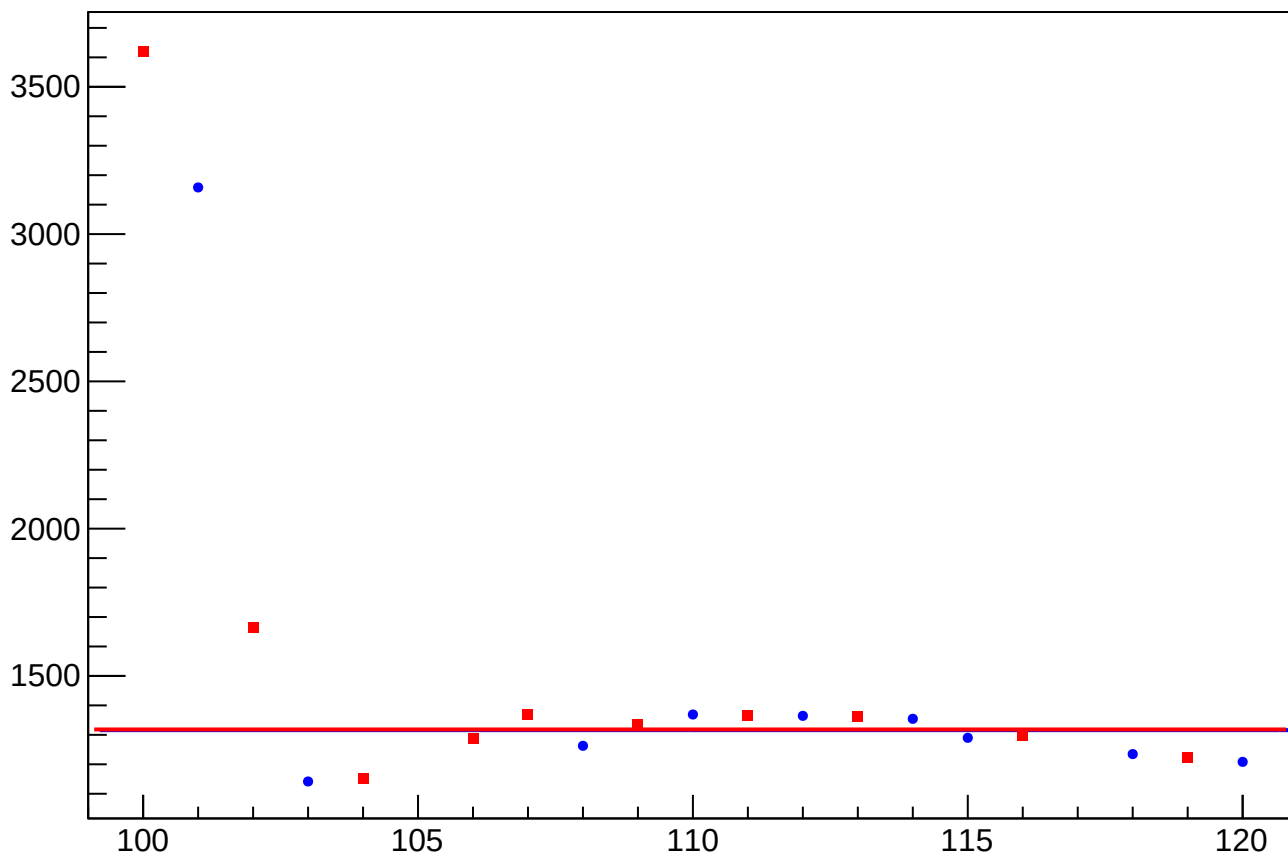
Right: -622.380+/-490.225 χ^2/NDF : 17.2/18

In: -852.035+/-712.546 χ^2/NDF :11.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -622.380+/-490.225 χ^2/NDF : 17.2/18

cor_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1315.926+/-0.504 χ^2/NDF : 487639.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1318.227+/-0.476 χ^2/NDF : 135367.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

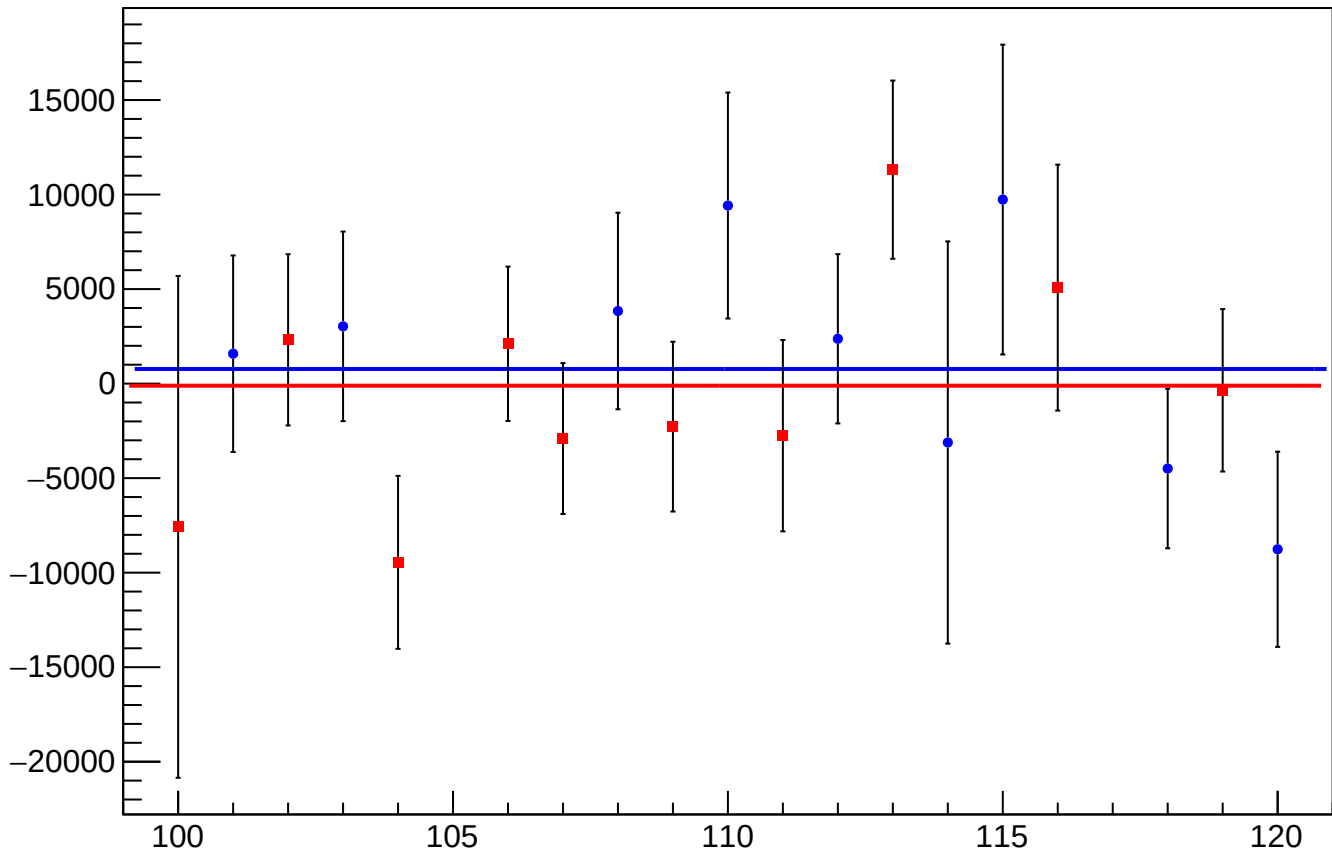
Right: 1317.142+/-0.346 χ^2/NDF : 623017.5/18

In: 1315.926+/-0.504 χ^2/NDF : 487639.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1317.142+/-0.346 χ^2/NDF : 623017.5/18

asym_at1_avg_at2_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 774.691+/-1798.703 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -110.453+/-1513.776 χ^2/NDF : 12.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

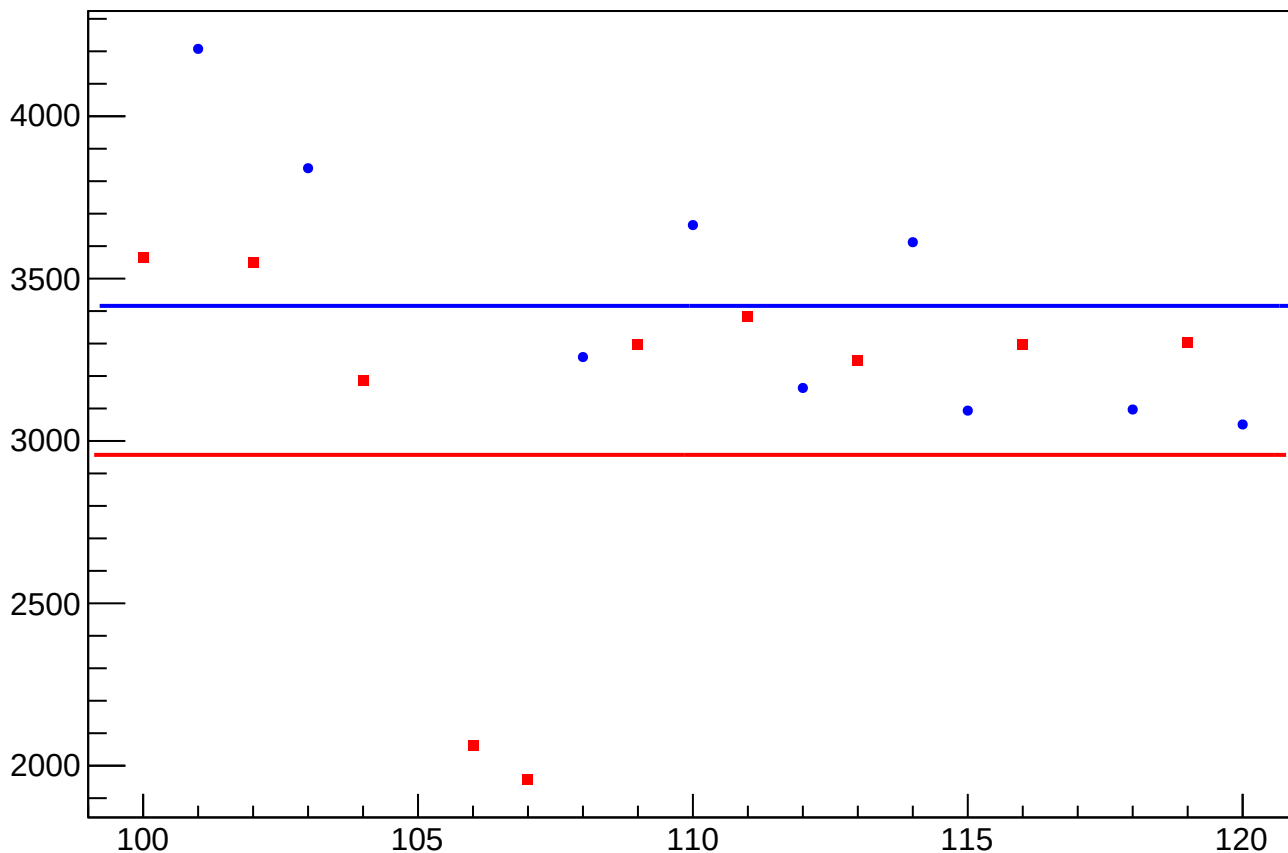
Right: 256.541+/-1158.196 χ^2/NDF : 21.8/18

In: 774.691+/-1798.703 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 256.541+/-1158.196 χ^2/NDF : 21.8/18

asym_at1_avg_at2_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3416.026+/-1.272 χ^2/NDF : 97590.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2957.186+/-1.070 χ^2/NDF : 317255.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

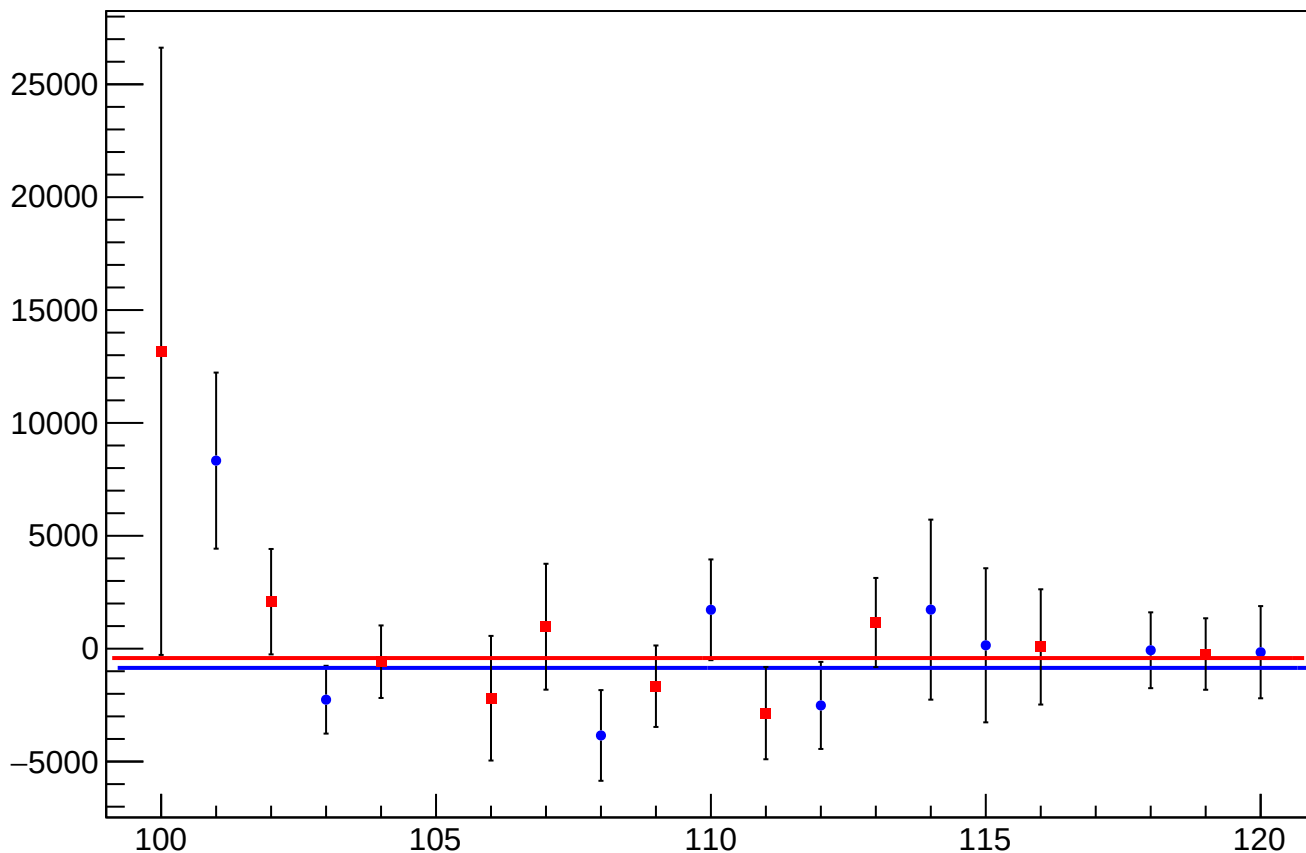
Right: 3147.428+/-0.819 χ^2/NDF : 491031.3/18

In: 3416.026+/-1.272 χ^2/NDF : 97590.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3147.428+/-0.819 χ^2/NDF : 491031.3/18

eigen_cor_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -852.035+/-712.546 χ^2/NDF : 11.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -415.983+/-675.503 χ^2/NDF : 5.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

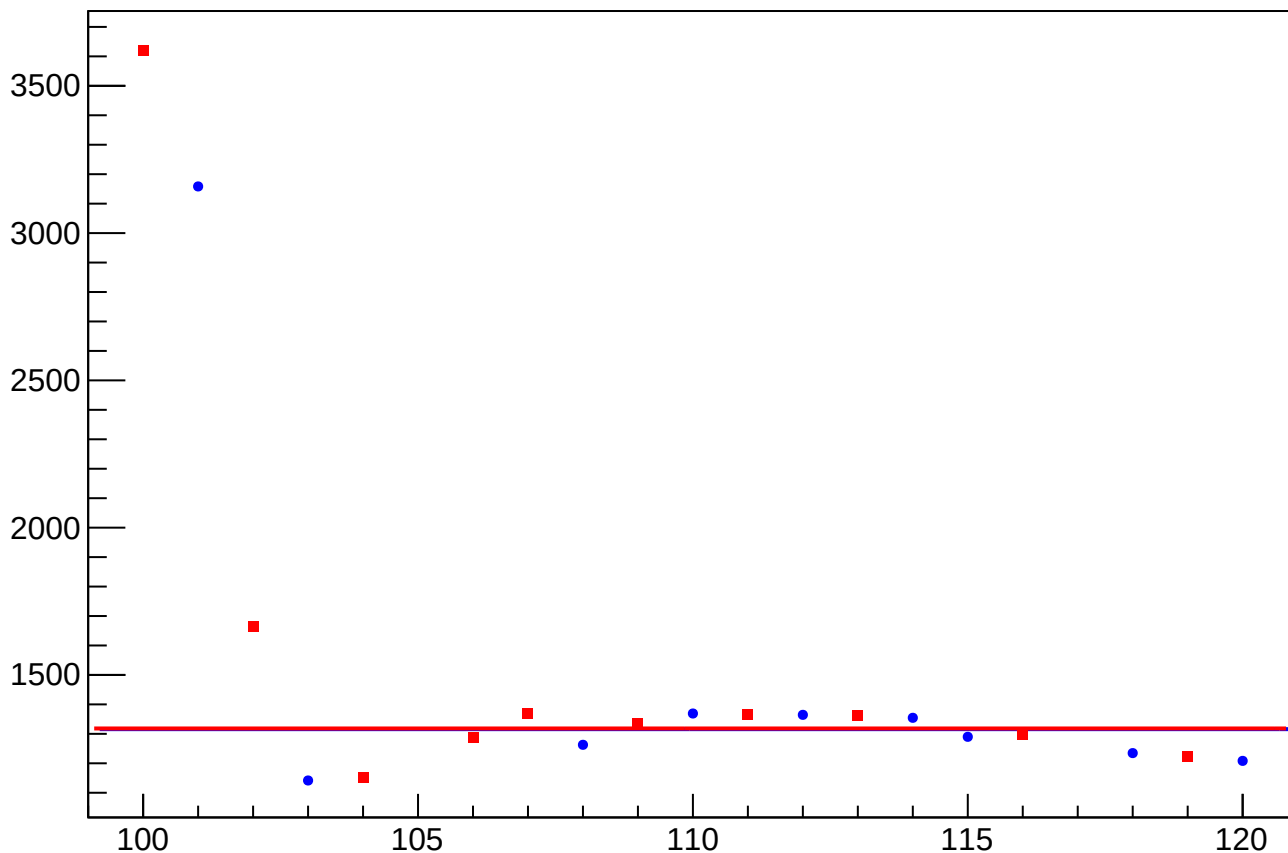
Right: -622.380+/-490.225 χ^2/NDF : 17.2/18

In: -852.035+/-712.546 χ^2/NDF :11.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -622.380+/-490.225 χ^2/NDF : 17.2/18

eigen_cor_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1315.926+/-0.504 χ^2/NDF : 487639.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1318.227+/-0.476 χ^2/NDF : 135367.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

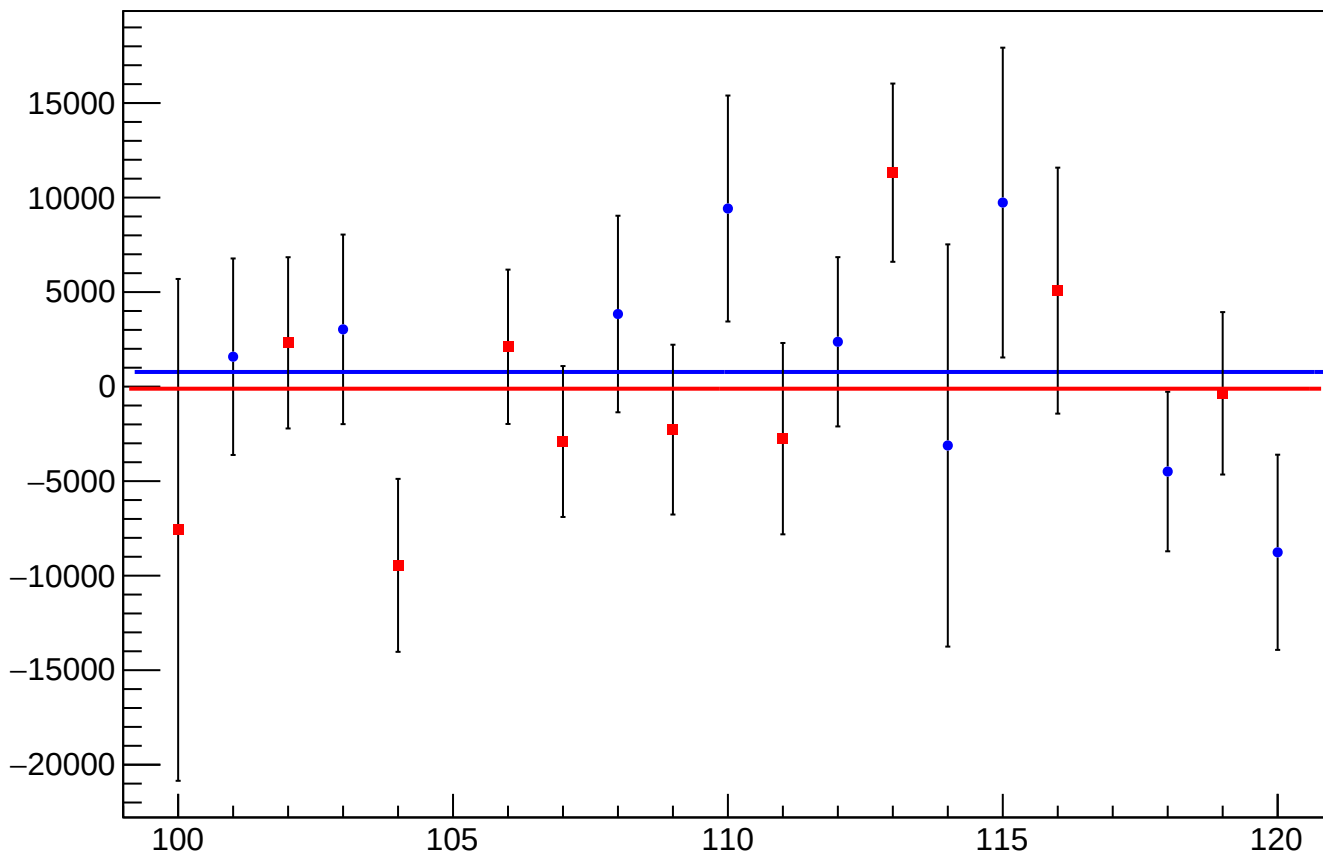
Right: 1317.142+/-0.346 χ^2/NDF : 623017.5/18

In: 1315.926+/-0.504 χ^2/NDF : 487639.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1317.142+/-0.346 χ^2/NDF : 623017.5/18

asym_at1_avg_at2_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 774.691+/-1798.703 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -110.453+/-1513.776 χ^2/NDF : 12.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

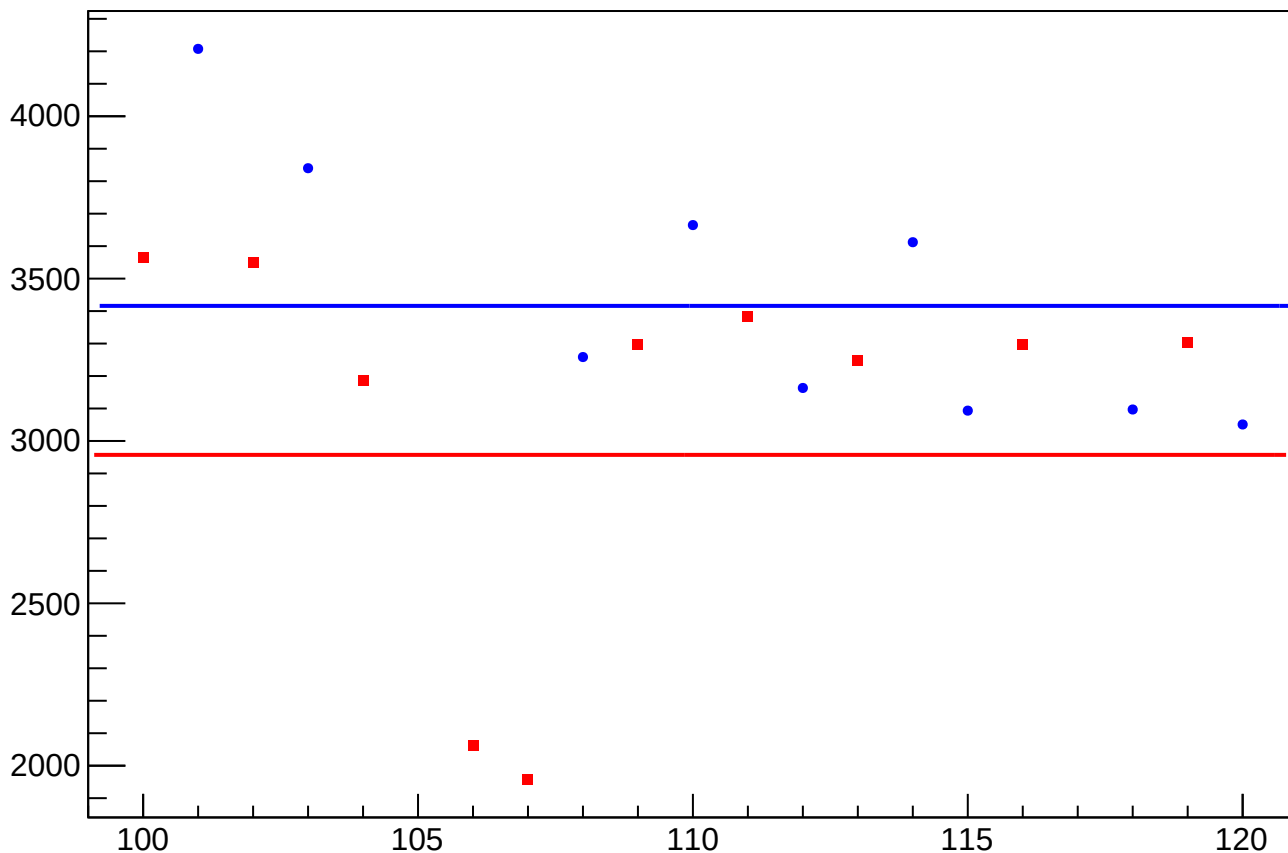
Right: 256.541+/-1158.196 χ^2/NDF : 21.8/18

In: 774.691+/-1798.703 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 256.541+/-1158.196 χ^2/NDF : 21.8/18

asym_at1_avg_at2_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3416.026+/-1.272 χ^2/NDF : 97590.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2957.186+/-1.070 χ^2/NDF : 317255.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

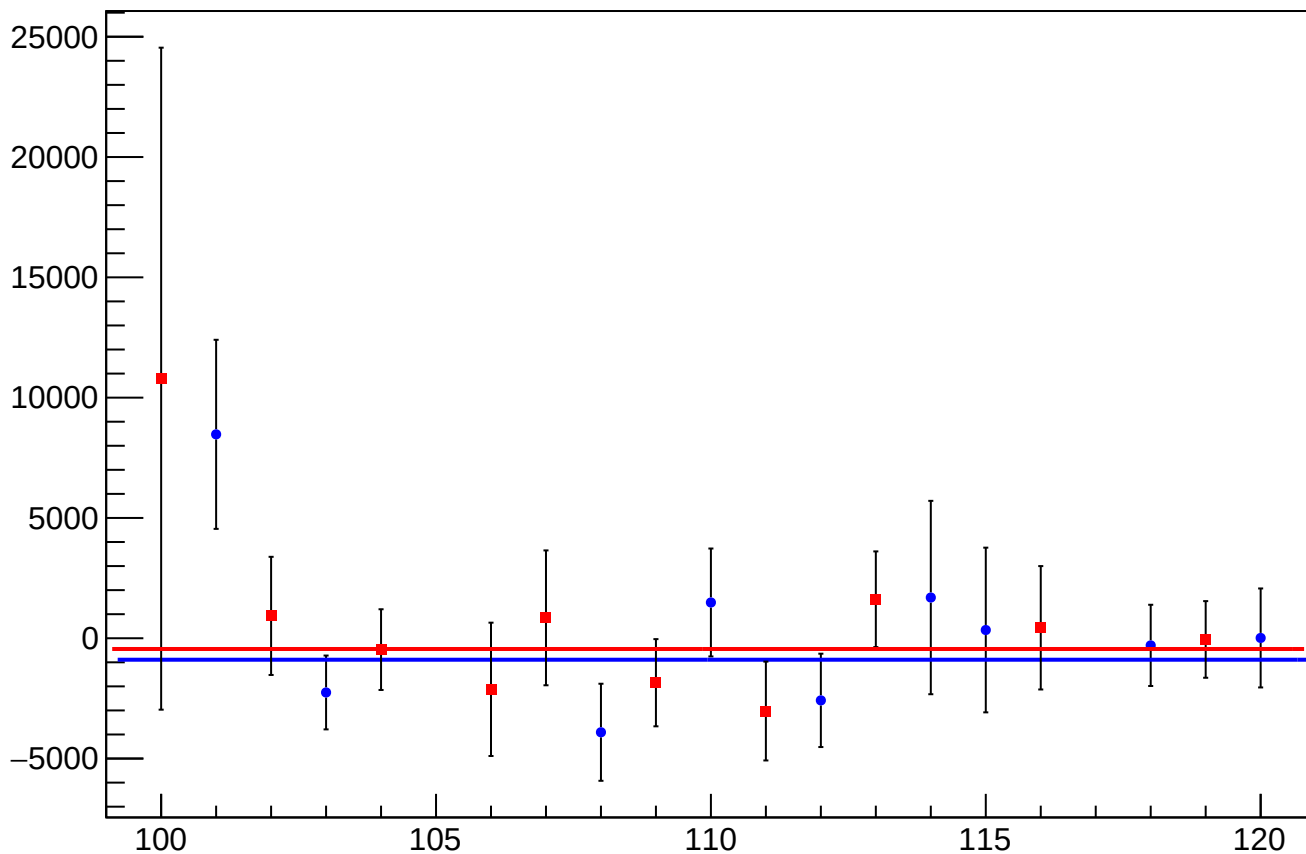
Right: 3147.428+/-0.819 χ^2/NDF : 491031.3/18

In: 3416.026+/-1.272 χ^2/NDF : 97590.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3147.428+/-0.819 χ^2/NDF : 491031.3/18

dit_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -892.330+/-718.956 χ^2/NDF : 11.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -446.283+/-685.988 χ^2/NDF : 5.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

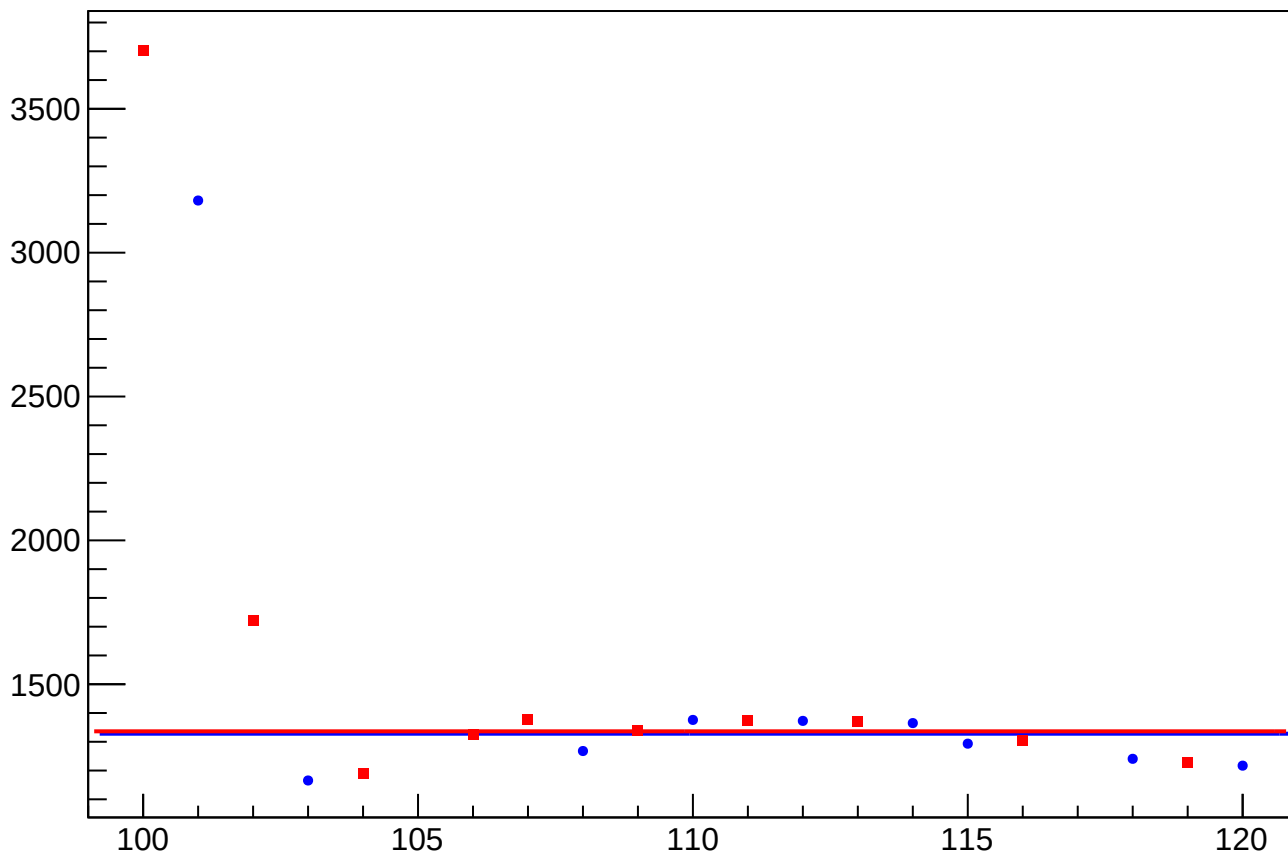
Right: -658.845+/-496.313 χ^2/NDF : 16.7/18

In: -892.330+/-718.956 χ^2/NDF : 11.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -658.845+/-496.313 χ^2/NDF : 16.7/18

dit_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1328.042+/-0.508 χ^2/NDF : 482693.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1336.319+/-0.484 χ^2/NDF : 134582.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

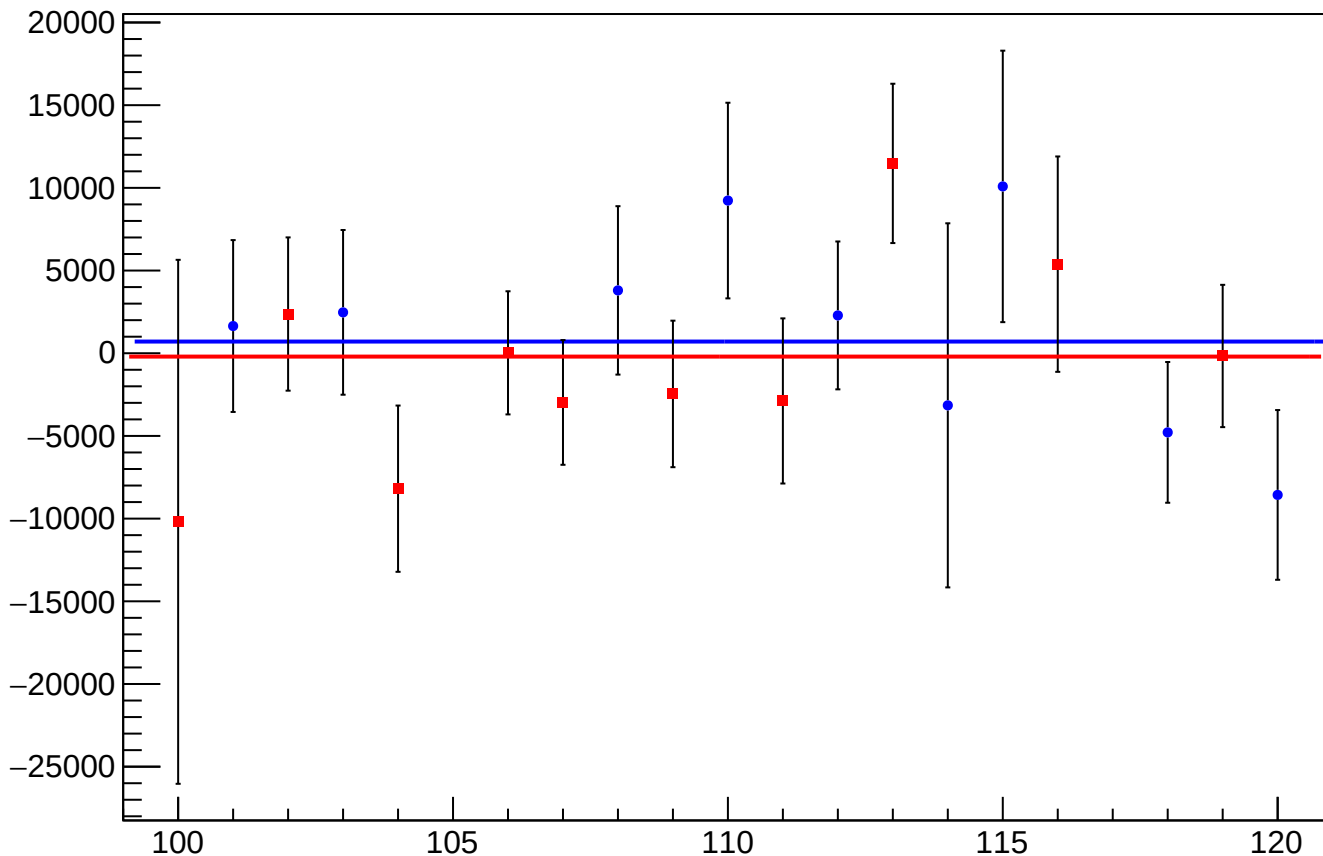
Right: 1332.381+/-0.351 χ^2/NDF : 617414.6/18

In: 1328.042+/-0.508 χ^2/NDF : 482693.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1332.381+/-0.351 χ^2/NDF : 617414.6/18

asym_at1_avg_at2_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 706.617+/-1793.660 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -202.496+/-1500.109 χ^2/NDF : 10.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

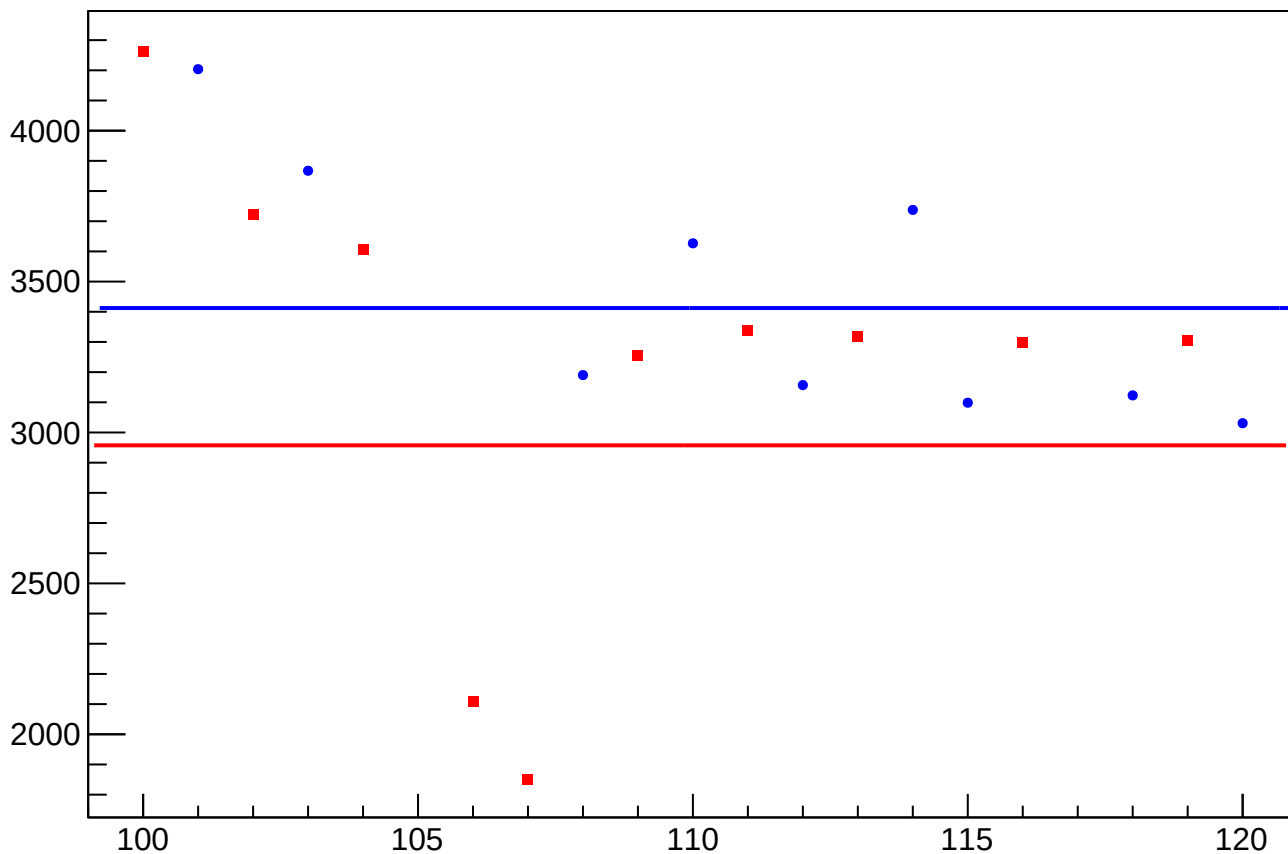
Right: 171.676+/-1150.713 χ^2/NDF : 20.2/18

In: 706.617+/-1793.660 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.676+/-1150.713 χ^2/NDF : 20.2/18

asym_at1_avg_at2_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3412.361+/-1.268 χ^2/NDF : 101015.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2957.346+/-1.061 χ^2/NDF : 428864.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

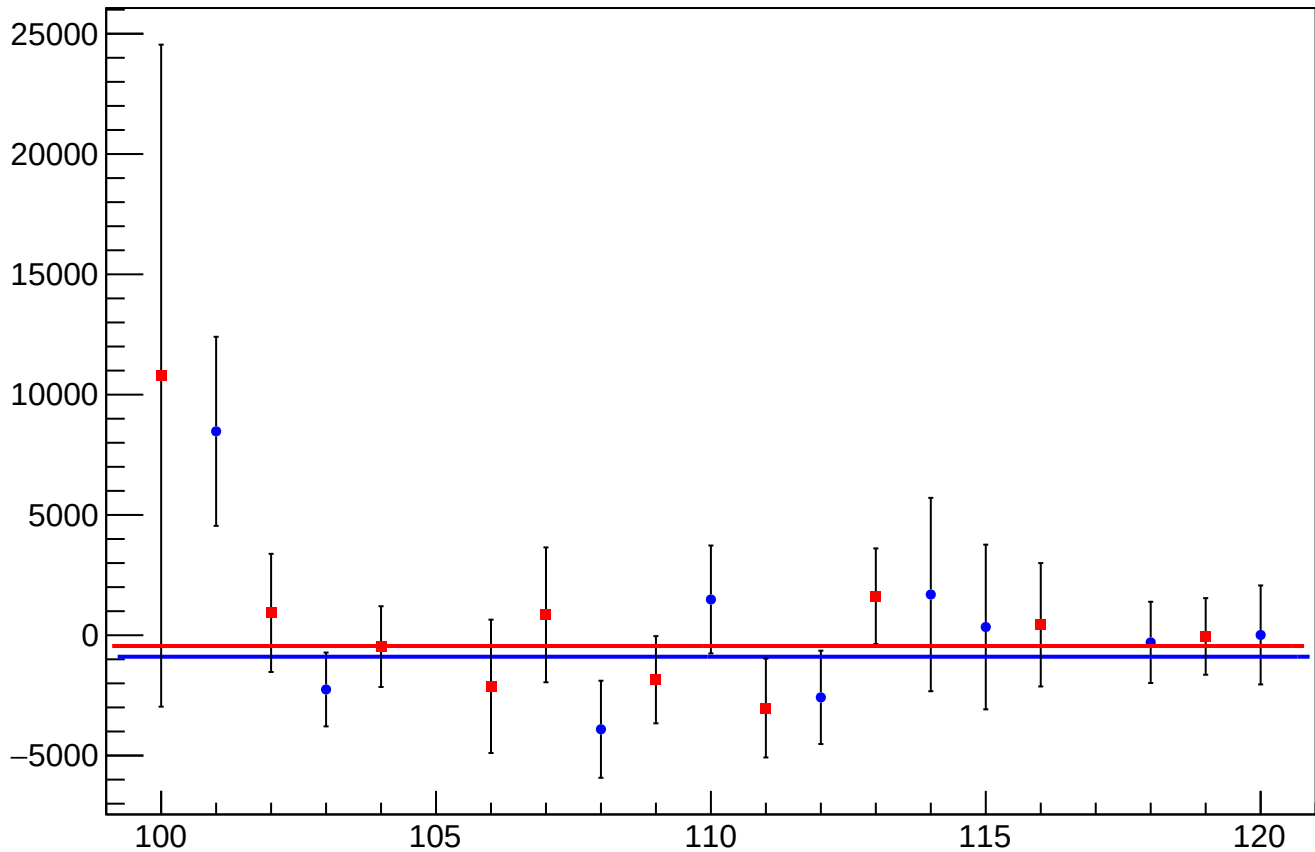
Right: 3144.621+/-0.814 χ^2/NDF : 605613.9/18

In: 3412.361+/-1.268 χ^2/NDF : 101015.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3144.621+/-0.814 χ^2/NDF : 605613.9/18

eigen_dit_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -892.328+/-718.956 χ^2/NDF : 11.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -446.292+/-685.988 χ^2/NDF : 5.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

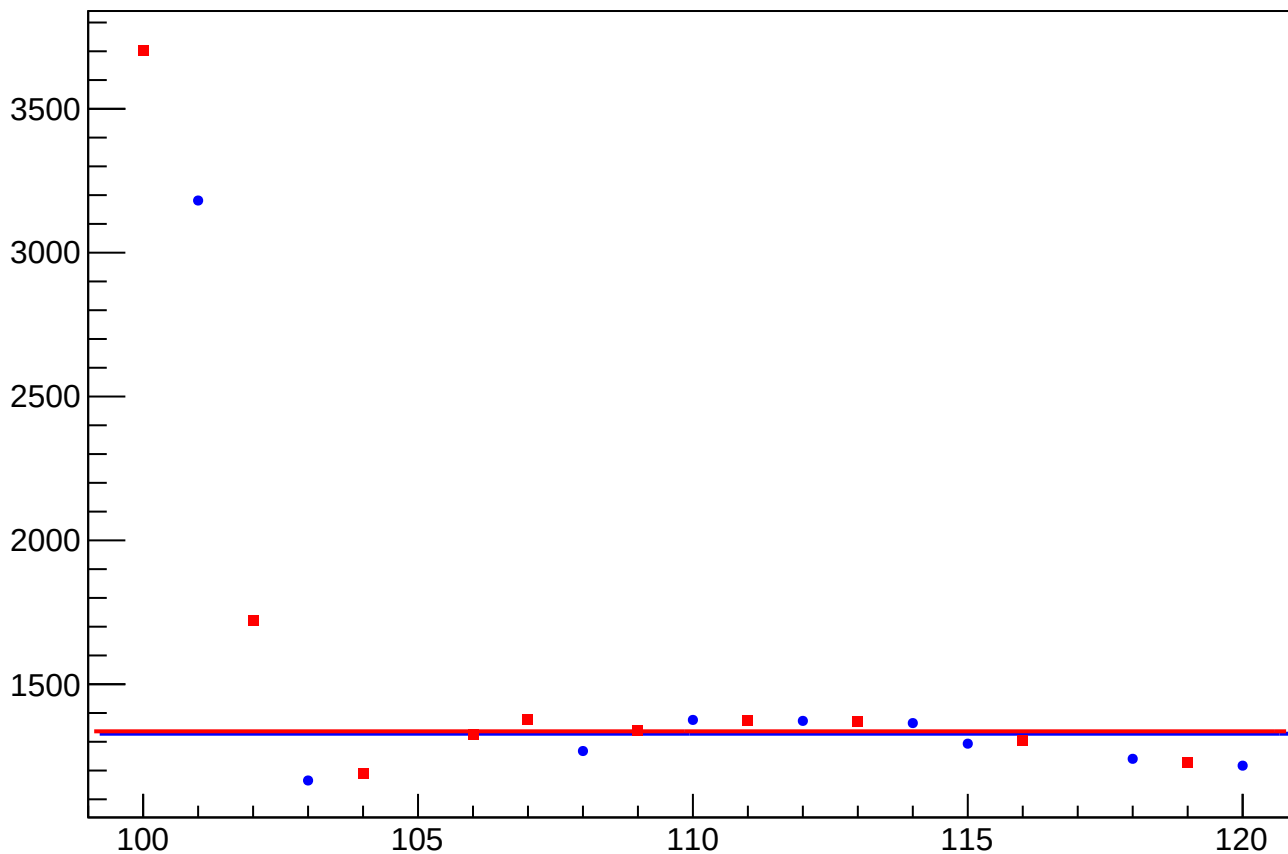
Right: -658.849+/-496.313 χ^2/NDF : 16.7/18

In: -892.328+/-718.956 χ^2/NDF :11.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -658.849+/-496.313 χ^2/NDF : 16.7/18

eigen_dit_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1328.042+/-0.508 χ^2/NDF : 482693.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1336.319+/-0.484 χ^2/NDF : 134582.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

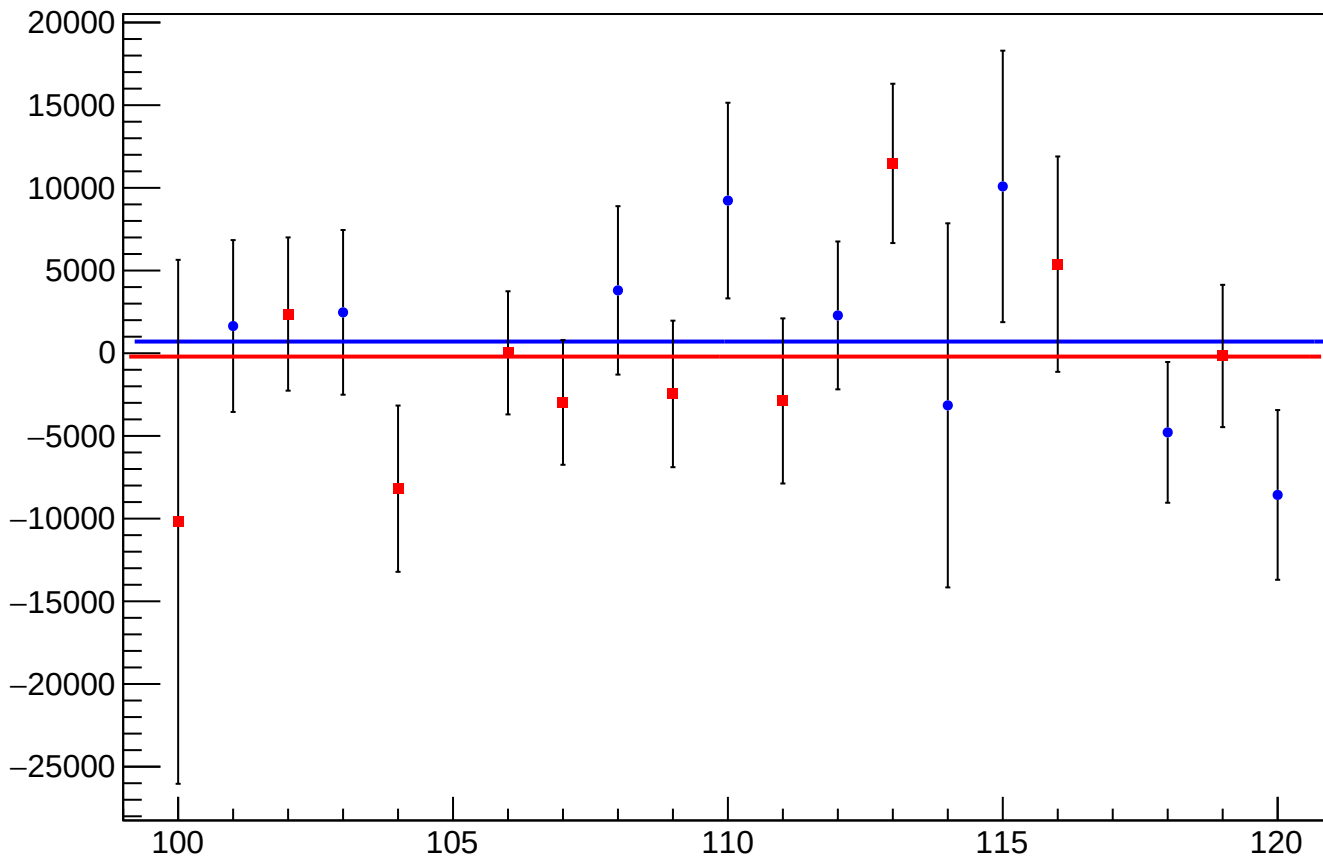
Right: 1332.381+/-0.351 χ^2/NDF : 617414.6/18

In: 1328.042+/-0.508 χ^2/NDF : 482693.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1332.381+/-0.351 χ^2/NDF : 617414.6/18

asym_at1_avg_at2_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 706.609+/-1793.656 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -202.501+/-1500.106 χ^2/NDF : 10.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

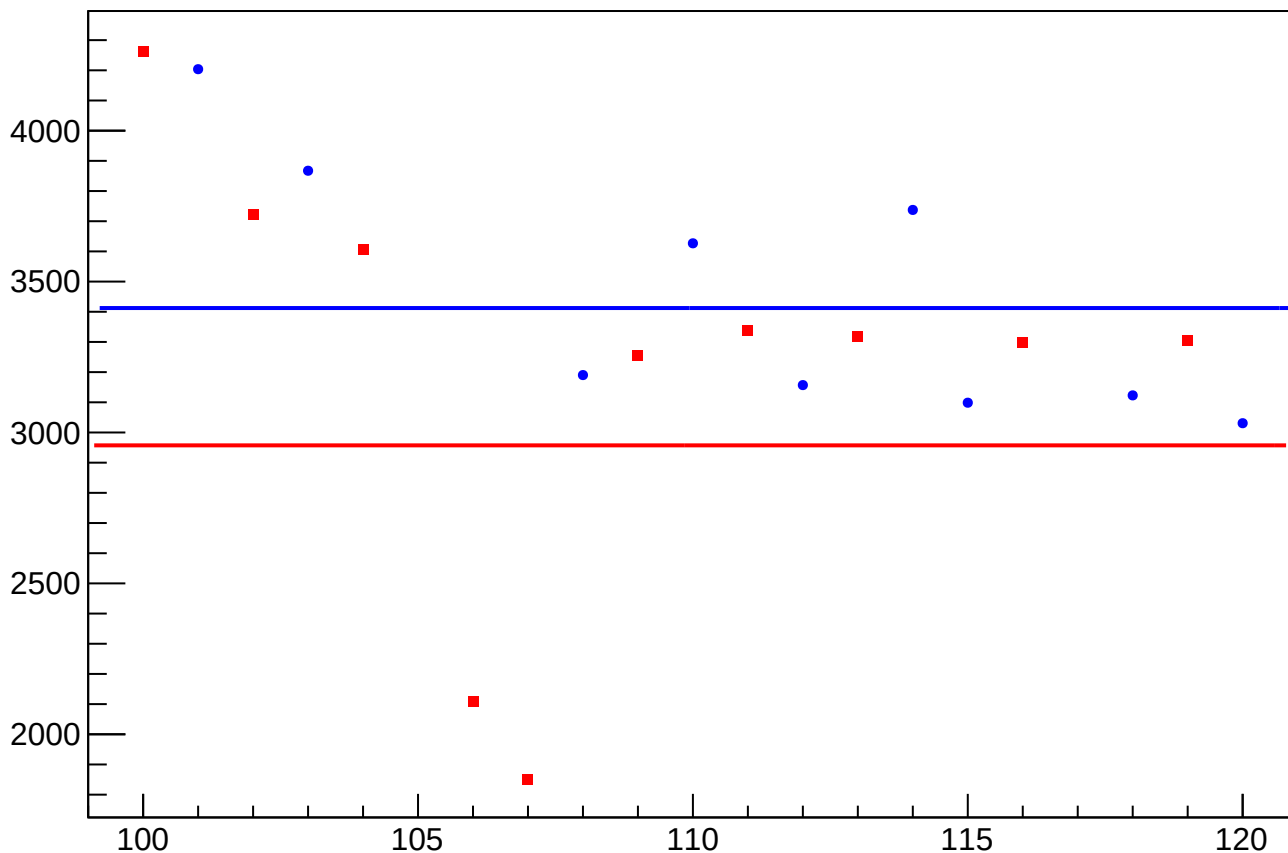
Right: 171.670+/-1150.710 χ^2/NDF : 20.2/18

In: 706.609+/-1793.656 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.670+/-1150.710 χ^2/NDF : 20.2/18

asym_at1_avg_at2_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3412.351+/-1.268 χ^2/NDF : 101018.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2957.339+/-1.061 χ^2/NDF : 428866.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

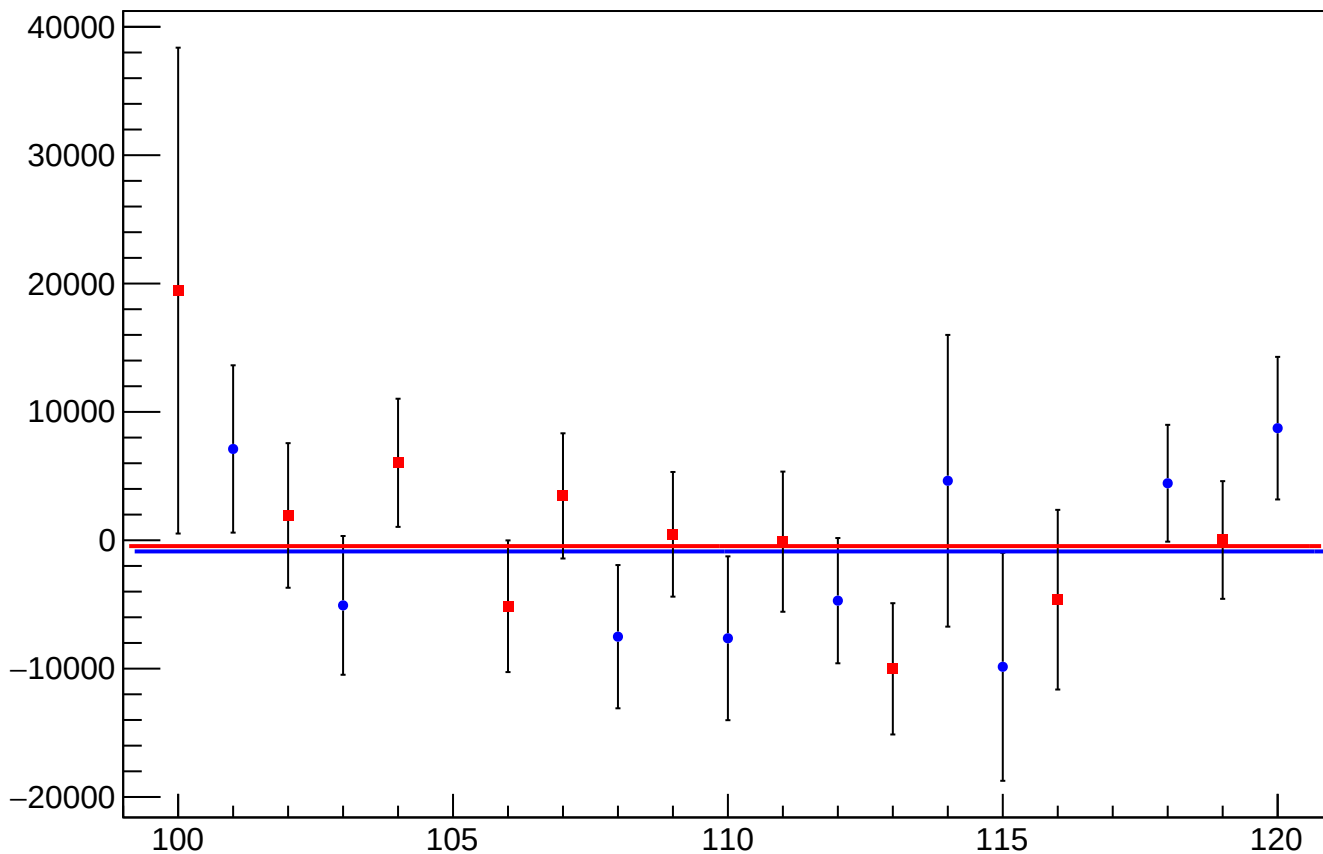
Right: 3144.612+/-0.814 χ^2/NDF : 605617.7/18

In: 3412.351+/-1.268 χ^2/NDF : 101018.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3144.612+/-0.814 χ^2/NDF : 605617.7/18

asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -869.265+/-1970.437 χ^2/NDF : 10.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -454.670+/-1723.460 χ^2/NDF : 8.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

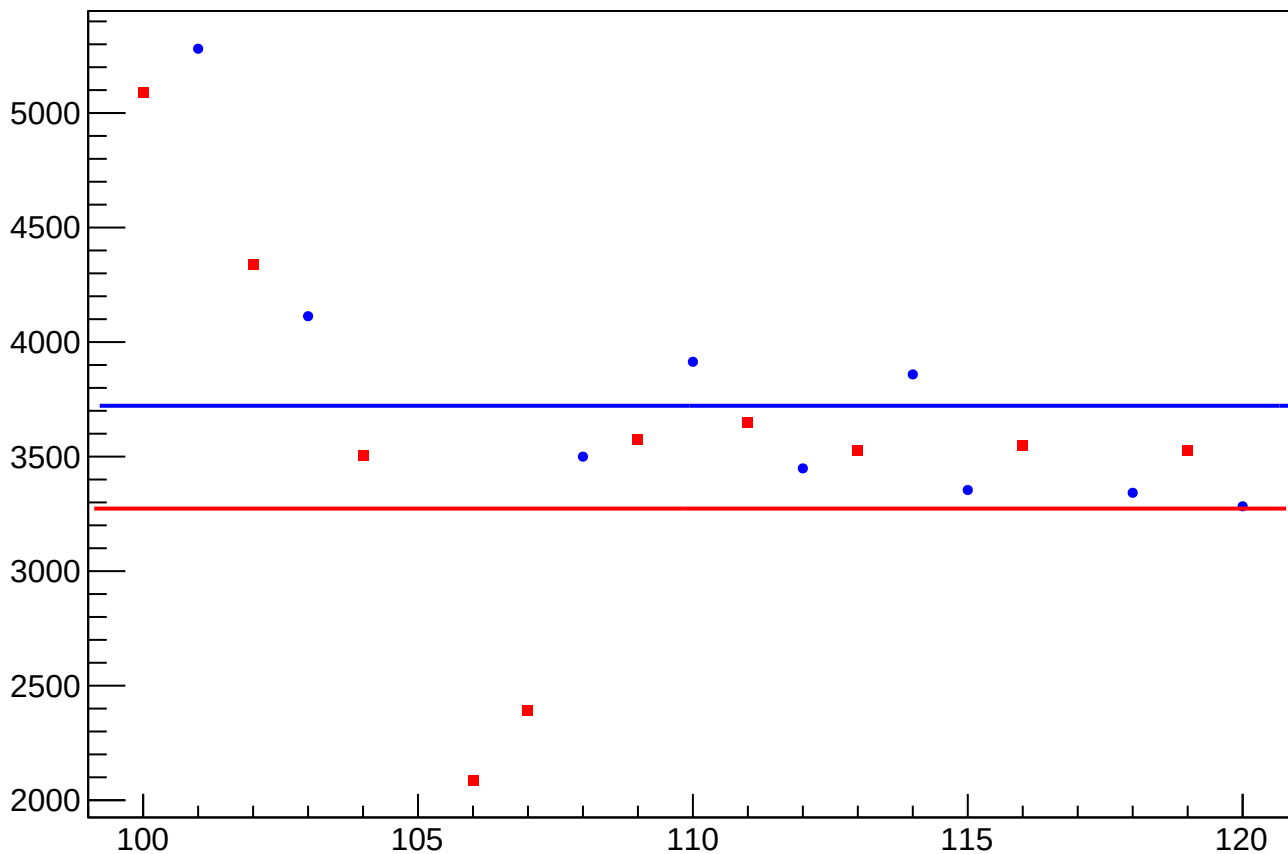
Right: -634.371+/-1297.255 χ^2/NDF : 19.3/18

In: -869.265+/-1970.437 χ^2/NDF : 10.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -634.371+/-1297.255 χ^2/NDF : 19.3/18

asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 3721.961+/-1.393 χ^2/NDF : 166245.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3273.153+/-1.191 χ^2/NDF : 341083.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

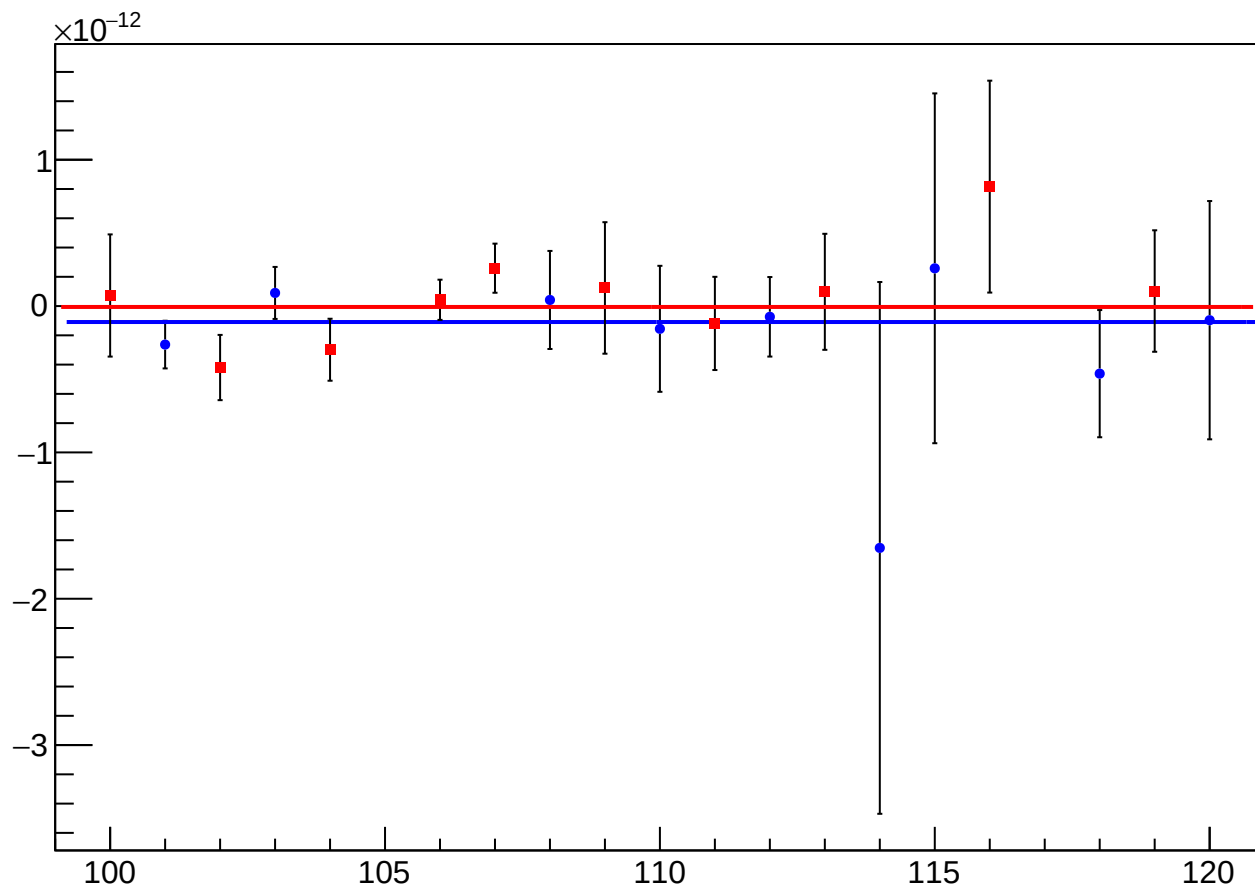
Right: 3462.713+/-0.905 χ^2/NDF : 567266.6/18

In: 3721.961+/-1.393 χ^2/NDF : 166245.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3462.713+/-0.905 χ^2/NDF : 567266.6/18

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

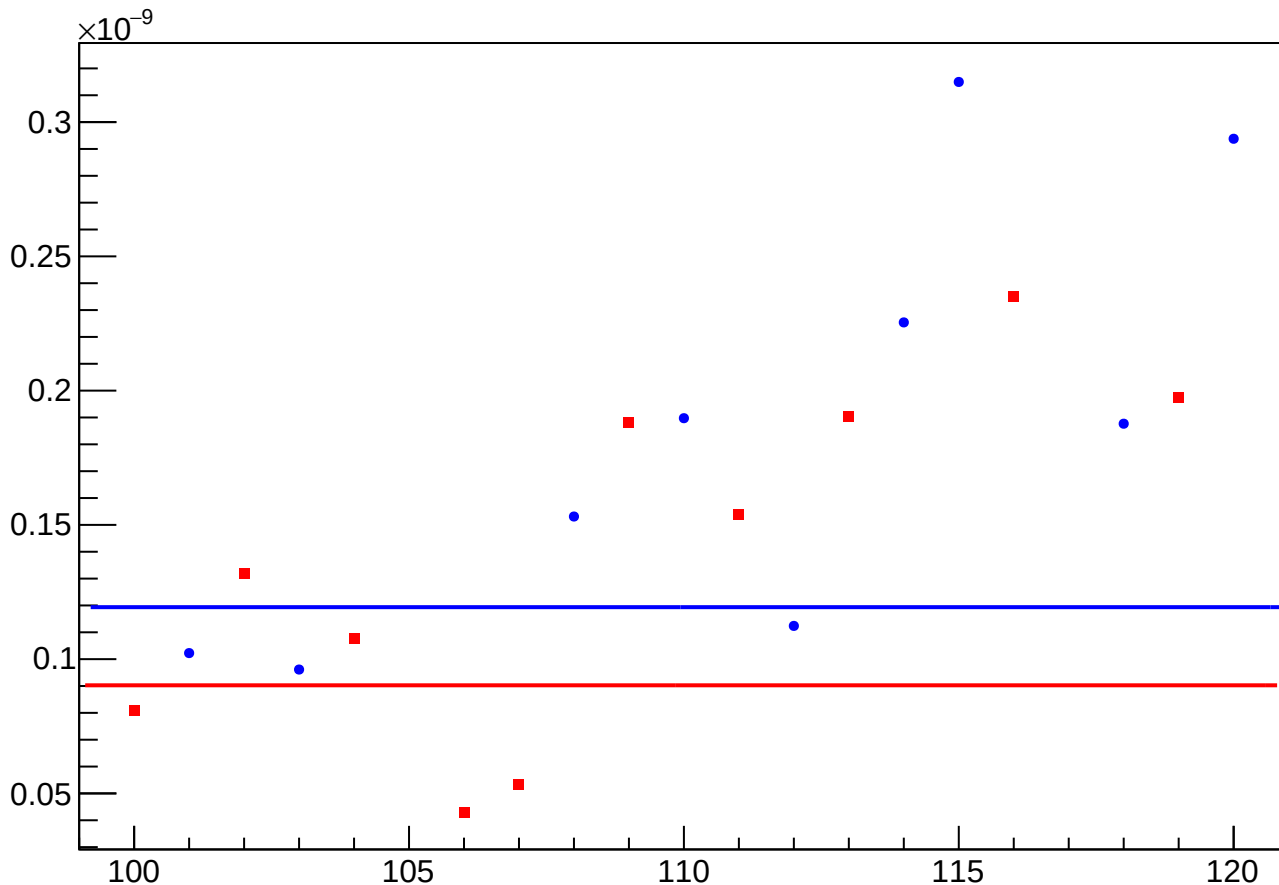
Right: -0.000+/-0.000 χ^2/NDF : 14.2/18

In: -0.000+/-0.000 χ^2/NDF :3.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.2/18

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 332856.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 934312.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

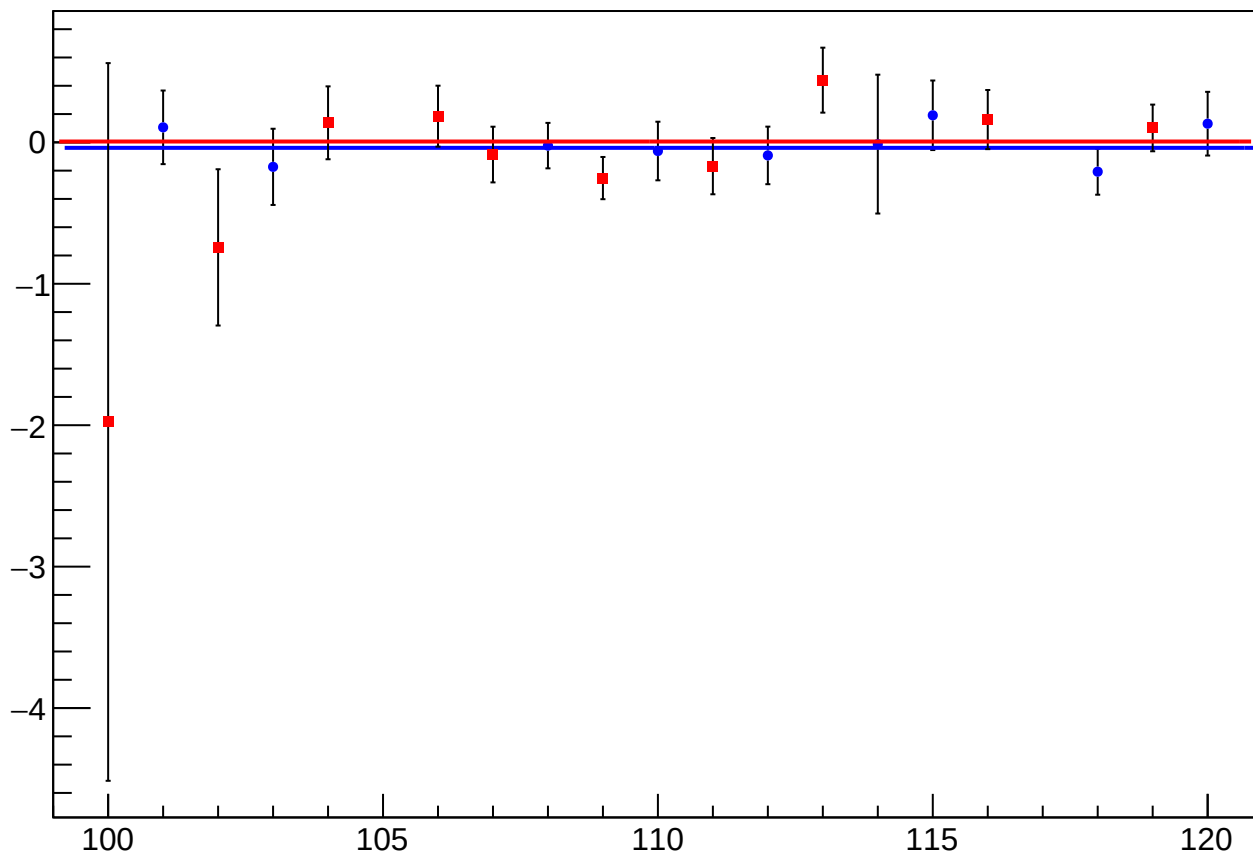
Right: 0.000+/-0.000 χ^2/NDF : 1375985.3/18

In: 0.000+/-0.000 χ^2/NDF : 332856.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1375985.3/18

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.039 ± 0.072 $\chi^2/\text{NDF}: 3.2/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.006 ± 0.068 $\chi^2/\text{NDF}: 11.8/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

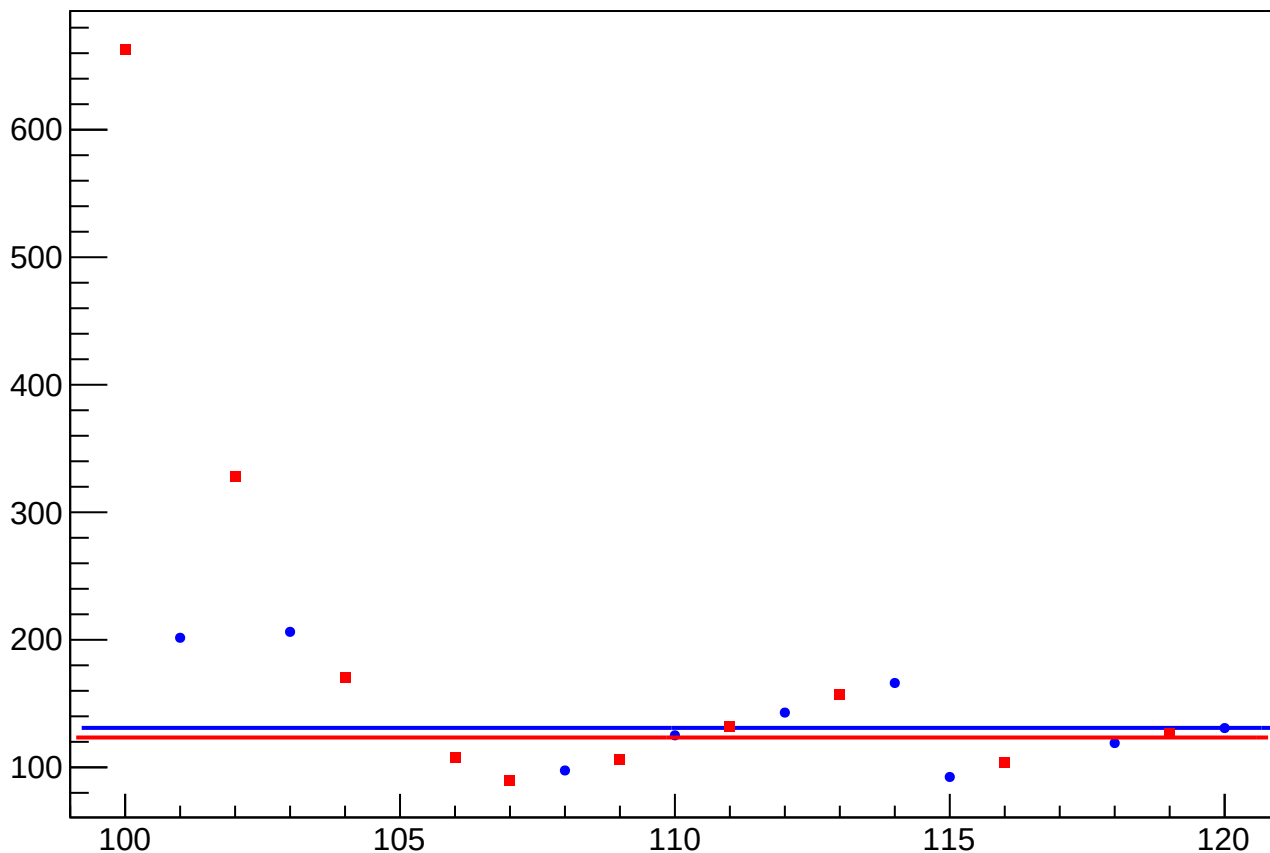
Right: -0.015 ± 0.050 $\chi^2/\text{NDF}: 15.2/18$

In: -0.039 ± 0.072 $\chi^2/\text{NDF}: 3.2/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.015 ± 0.050 $\chi^2/\text{NDF}: 15.2/18$

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.936+/-0.051 χ^2/NDF : 468617.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.400+/-0.048 χ^2/NDF : 592734.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

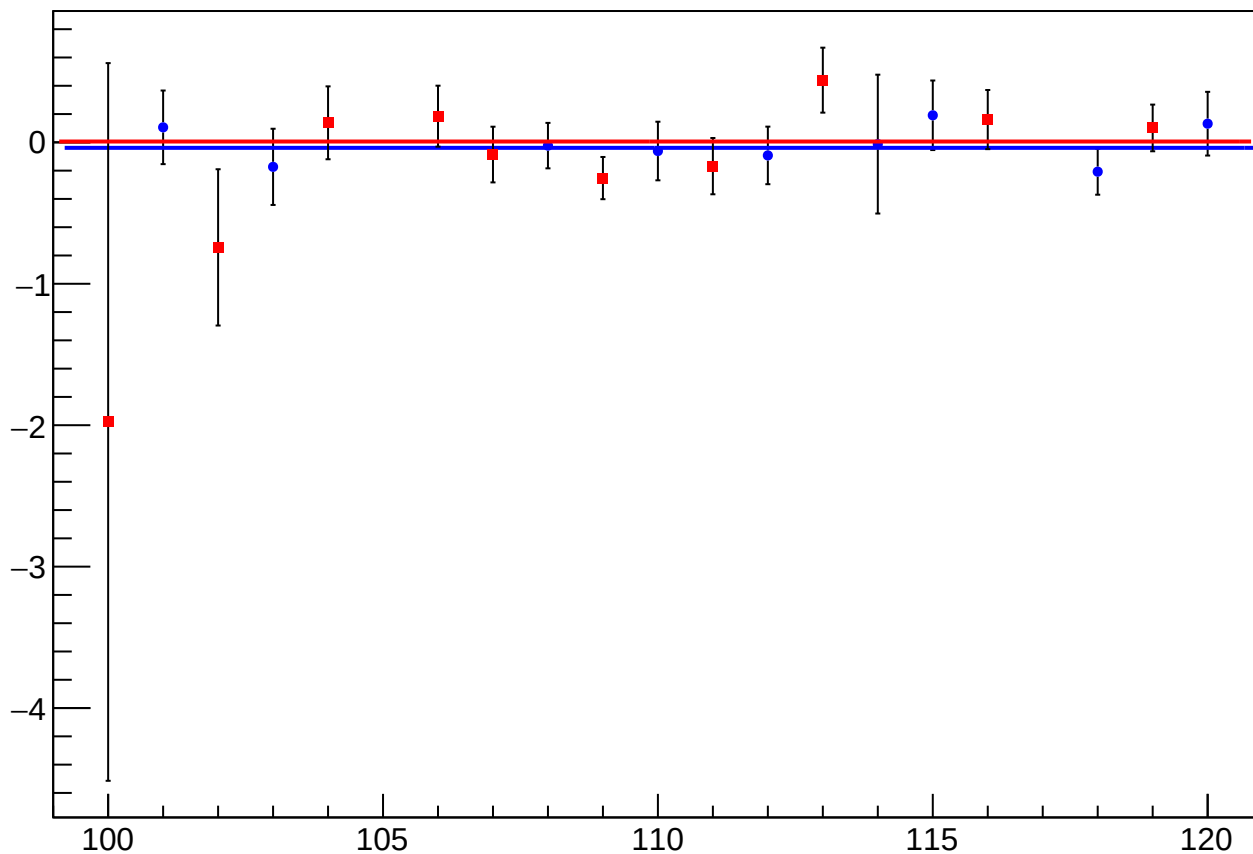
Right: 126.968+/-0.035 χ^2/NDF : 1072884.6/18

In: 130.936+/-0.051 χ^2/NDF : 468617.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.968+/-0.035 χ^2/NDF : 1072884.6/18

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.039+/-0.072 χ^2/NDF : 3.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.068 χ^2/NDF : 11.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

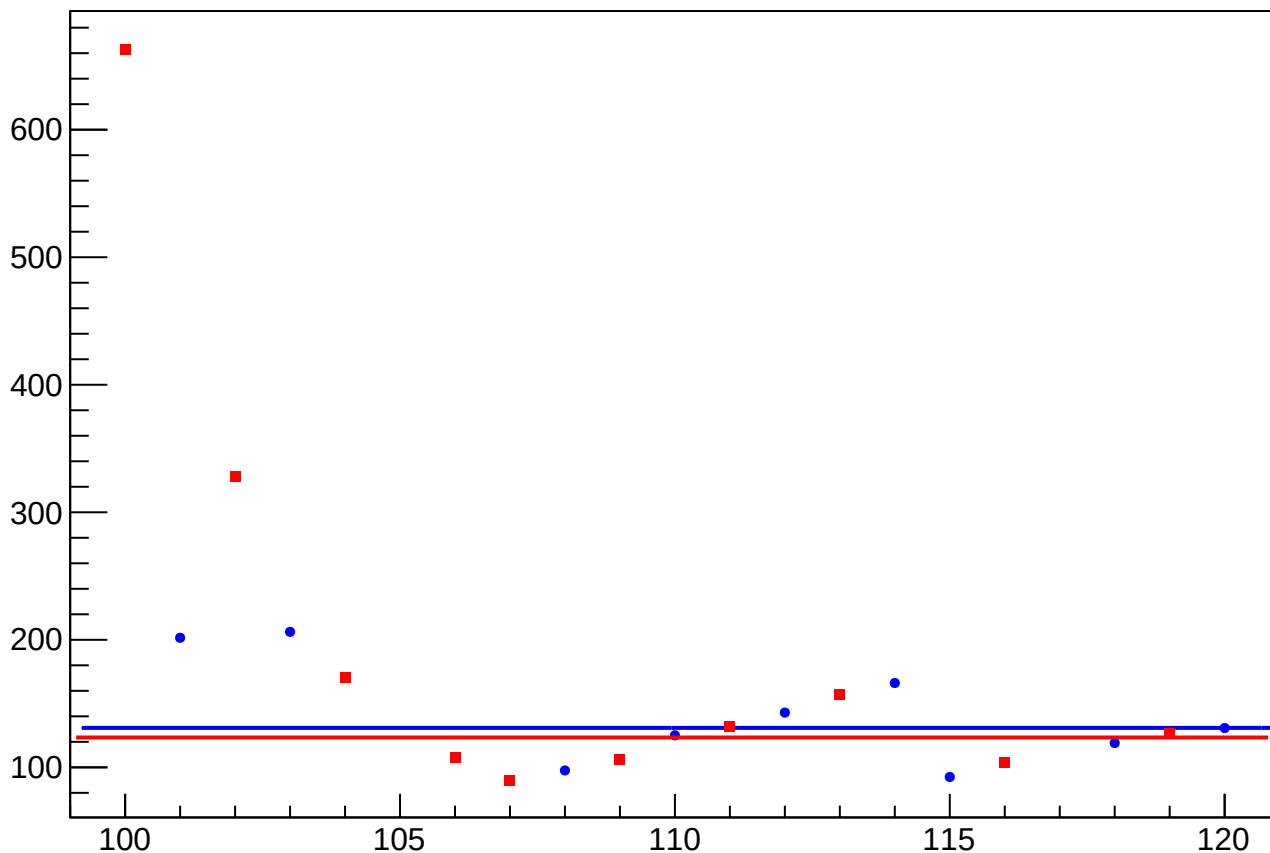
Right: -0.015+/-0.050 χ^2/NDF : 15.2/18

In: -0.039+/-0.072 χ^2/NDF :3.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.015+/-0.050 χ^2/NDF : 15.2/18

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.936+/-0.051 χ^2/NDF : 468617.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.400+/-0.048 χ^2/NDF : 592734.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

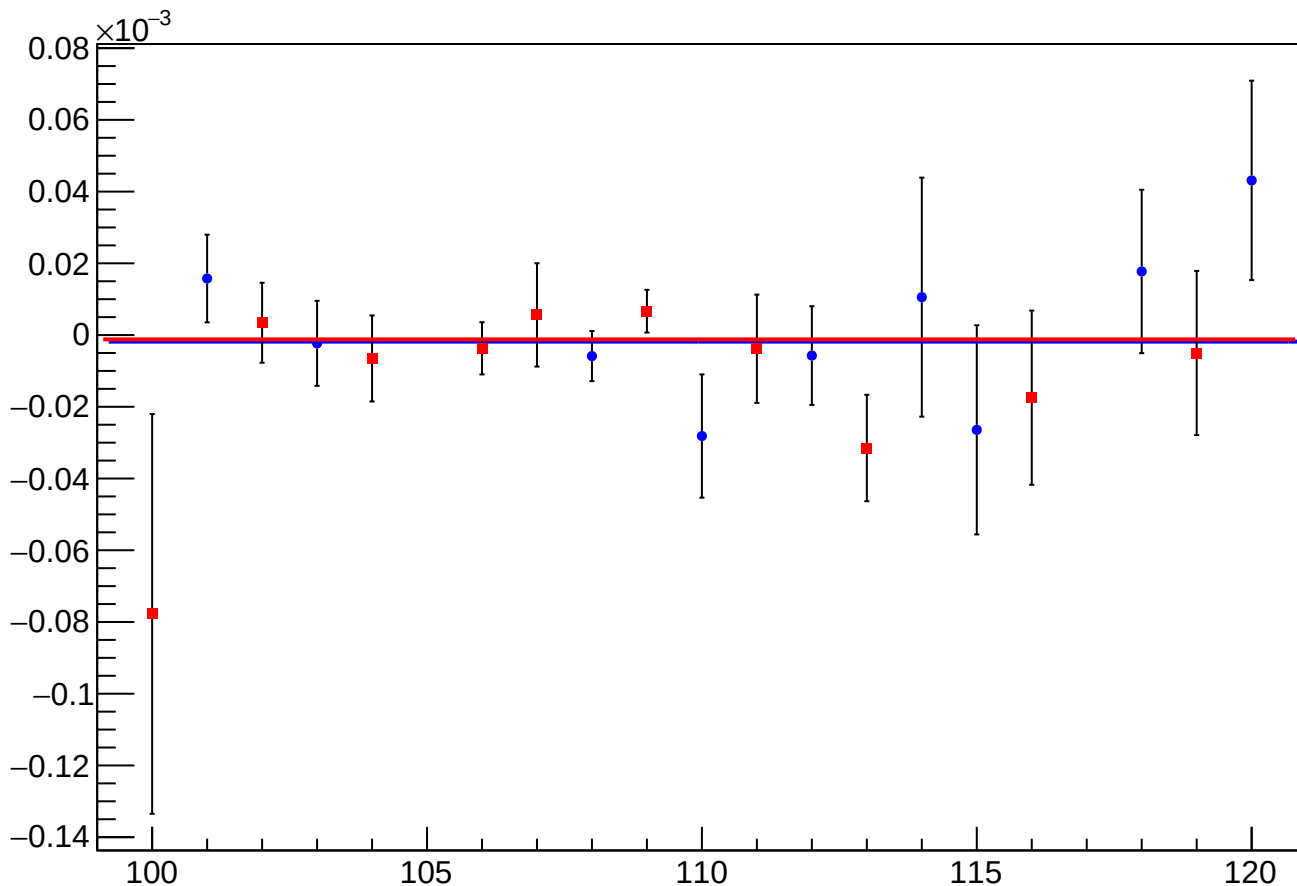
Right: 126.968+/-0.035 χ^2/NDF : 1072884.6/18

In: 130.936+/-0.051 χ^2/NDF : 468617.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.968+/-0.035 χ^2/NDF : 1072884.6/18

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 : 9.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

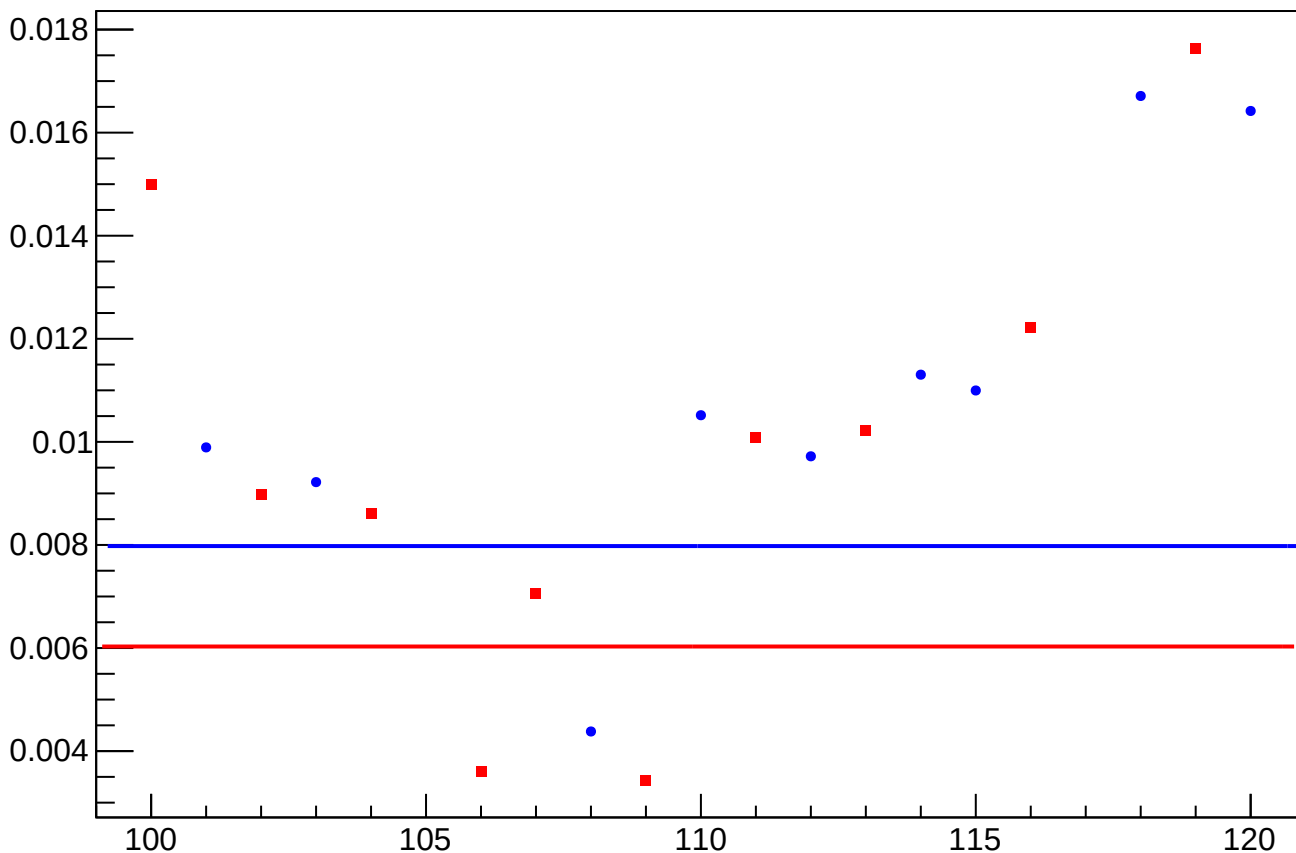
Right: -0.000+/-0.000 χ^2/NDF : 18.1/18

In: -0.000+/-0.000 χ^2/NDF :9.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.1/18

asym_at1_avg_at2_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 1197031.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1845685.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

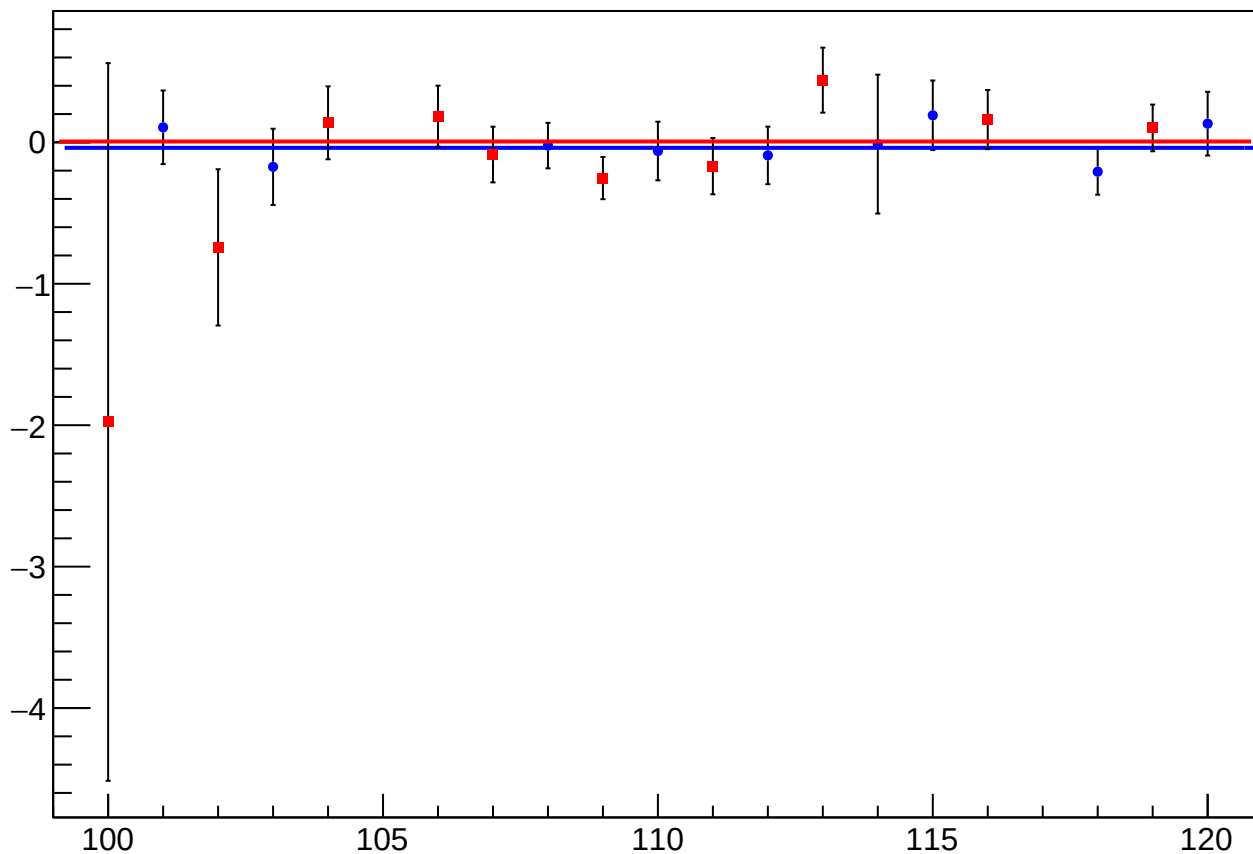
Right: 0.007+/-0.000 χ^2/NDF : 3271119.4/18

In: 0.008+/-0.000 χ^2/NDF :1197031.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 3271119.4/18

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.039 ± 0.072 χ^2/NDF : 3.2/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.006 ± 0.068 χ^2/NDF : 11.8/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

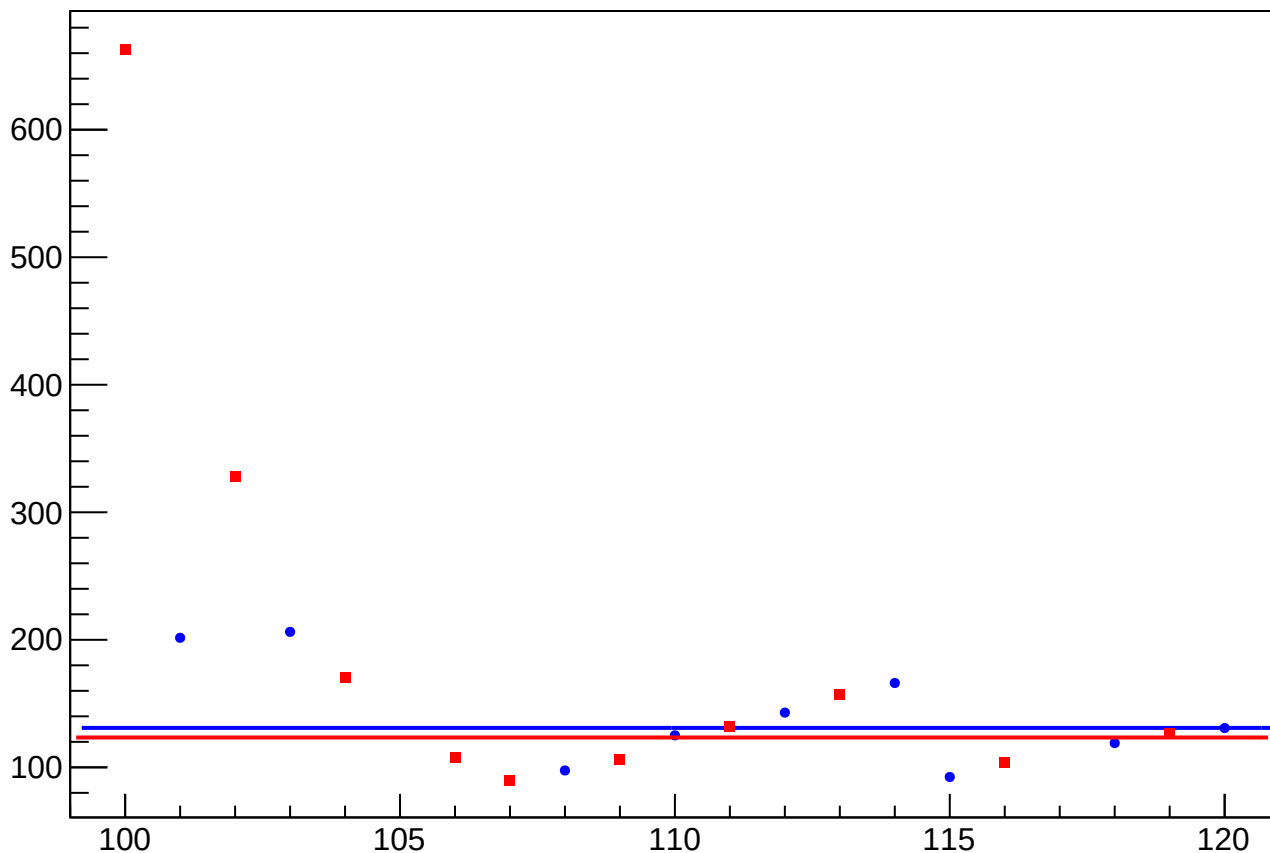
Right: -0.015 ± 0.050 χ^2/NDF : 15.2/18

In: -0.039 ± 0.072 χ^2/NDF : 3.2/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.015 ± 0.050 χ^2/NDF : 15.2/18

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.936+/-0.051 χ^2/NDF : 468585.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.403+/-0.048 χ^2/NDF : 592687.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

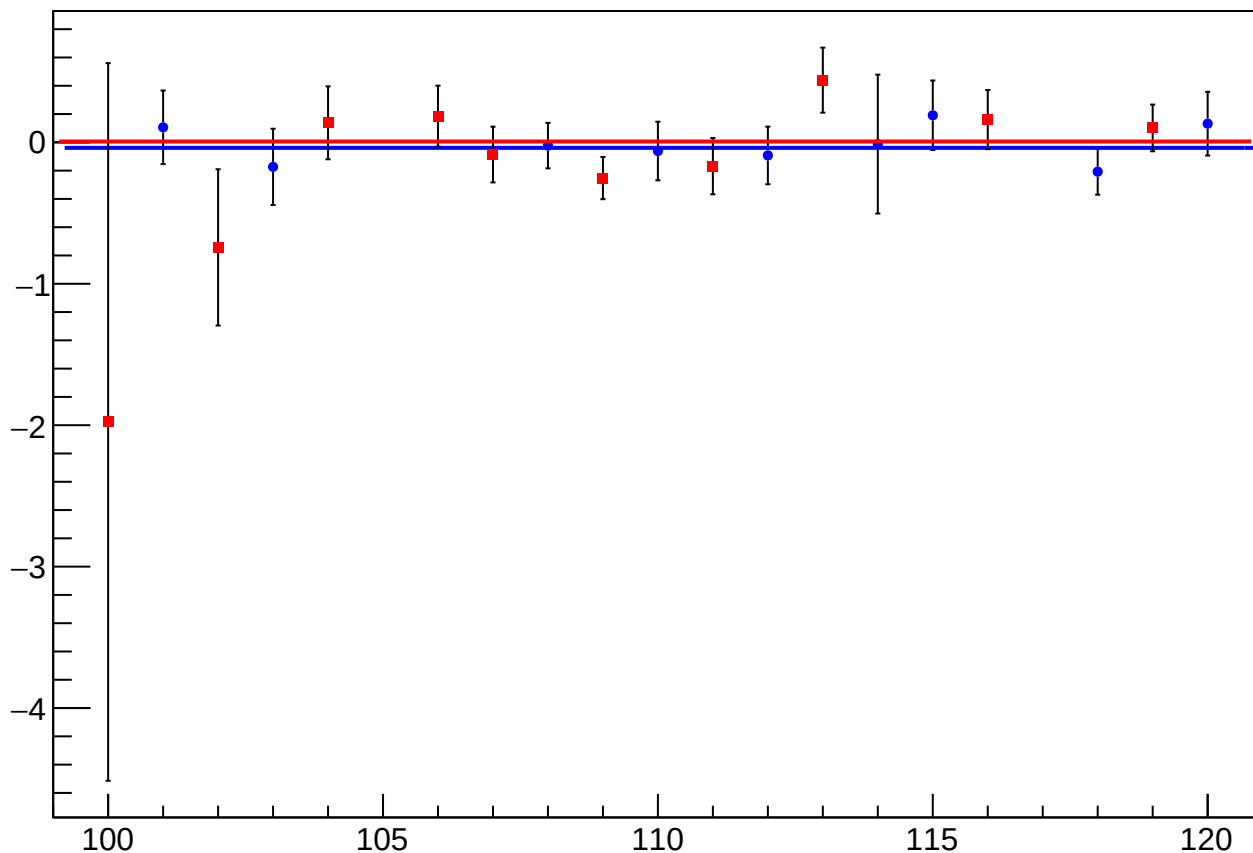
Right: 126.969+/-0.035 χ^2/NDF : 1072799.5/18

In: 130.936+/-0.051 χ^2/NDF : 468585.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.969+/-0.035 χ^2/NDF : 1072799.5/18

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.039 $\pm$ 0.072 χ^2 /NDF: 3.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.006 $\pm$ 0.068 χ^2 /NDF: 11.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

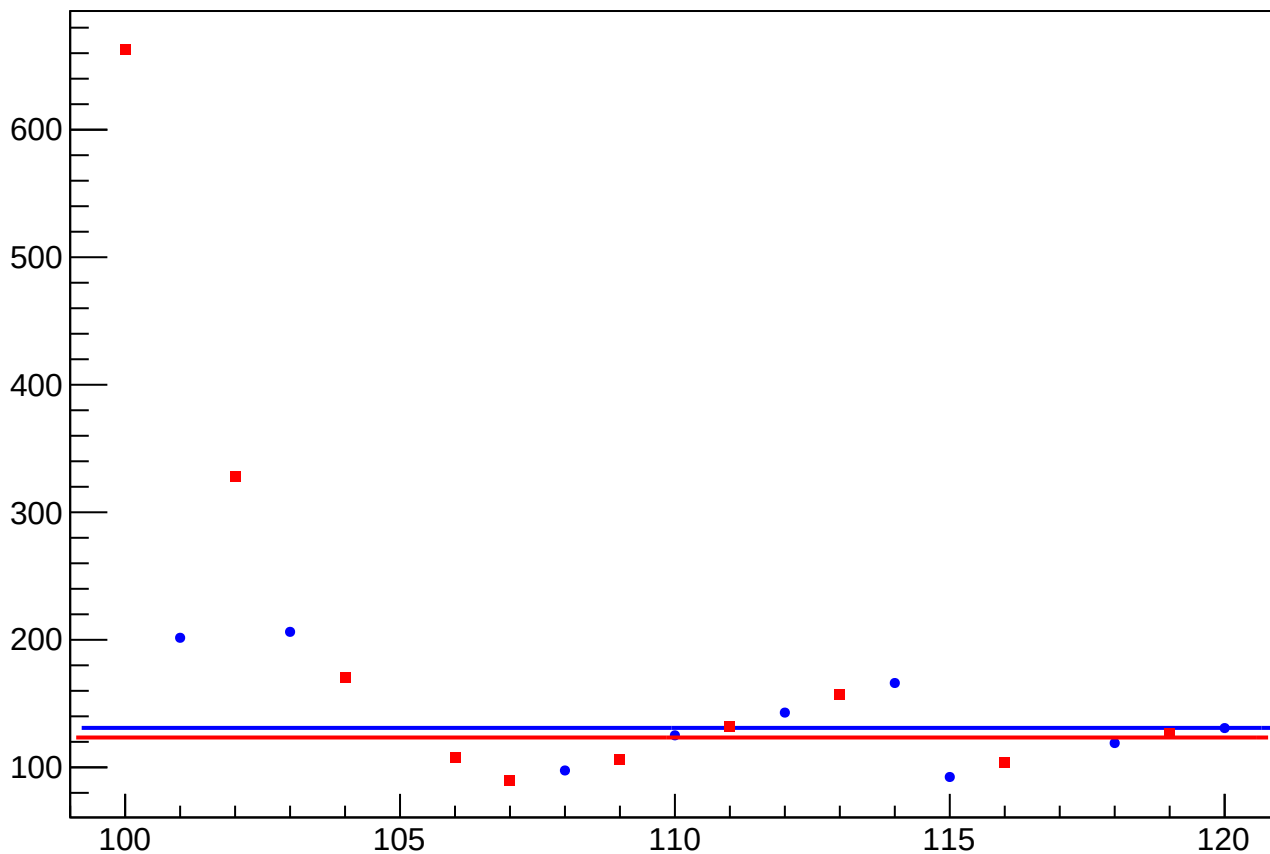
Right: -0.015 $\pm$ 0.050 χ^2 /NDF: 15.2/18

In: -0.039 $\pm$ 0.072 χ^2 /NDF:3.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.015 $\pm$ 0.050 χ^2 /NDF: 15.2/18

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.936+/-0.051 χ^2/NDF : 468585.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 123.403+/-0.048 χ^2/NDF : 592687.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

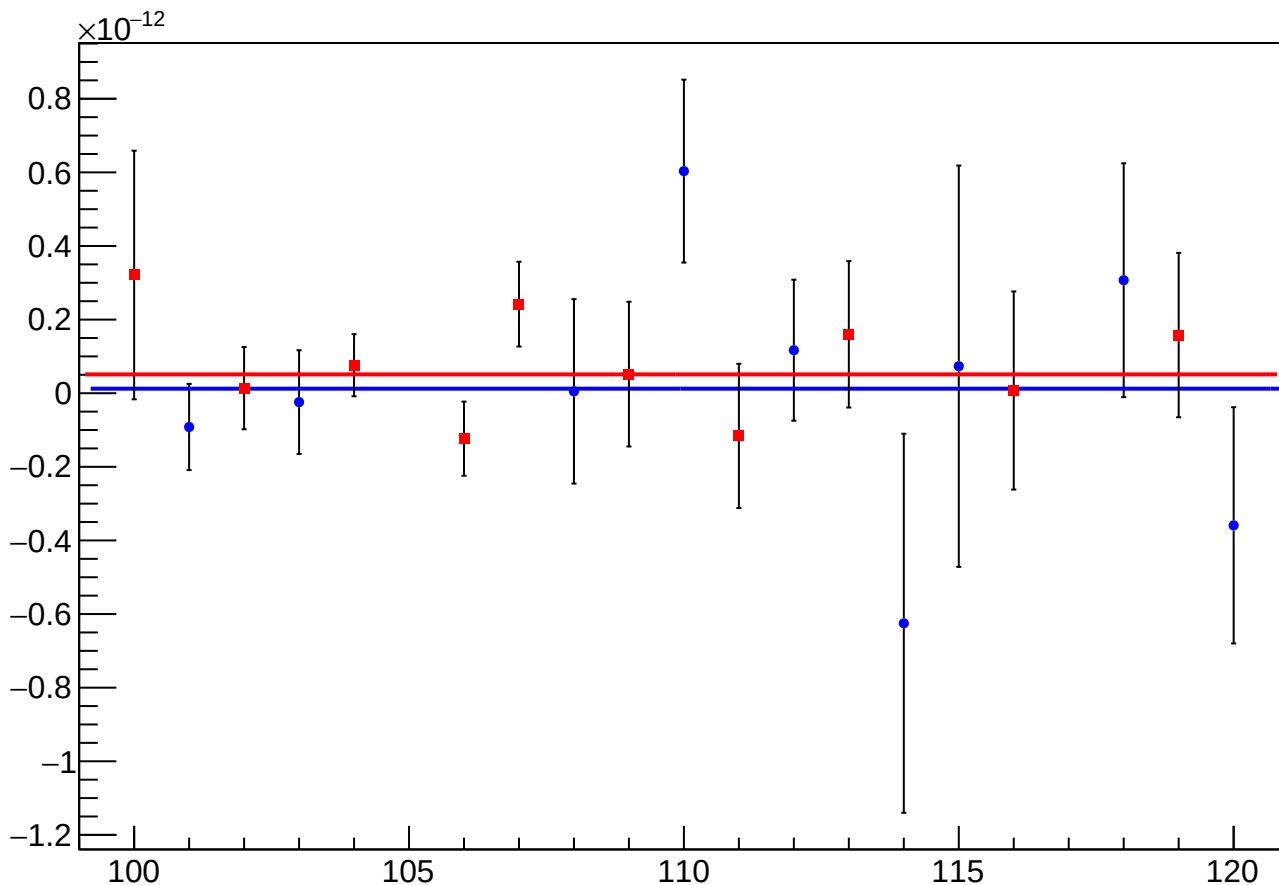
Right: 126.969+/-0.035 χ^2/NDF : 1072799.5/18

In: 130.936+/-0.051 χ^2/NDF :468585.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 126.969+/-0.035 χ^2/NDF : 1072799.5/18

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 : 10.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

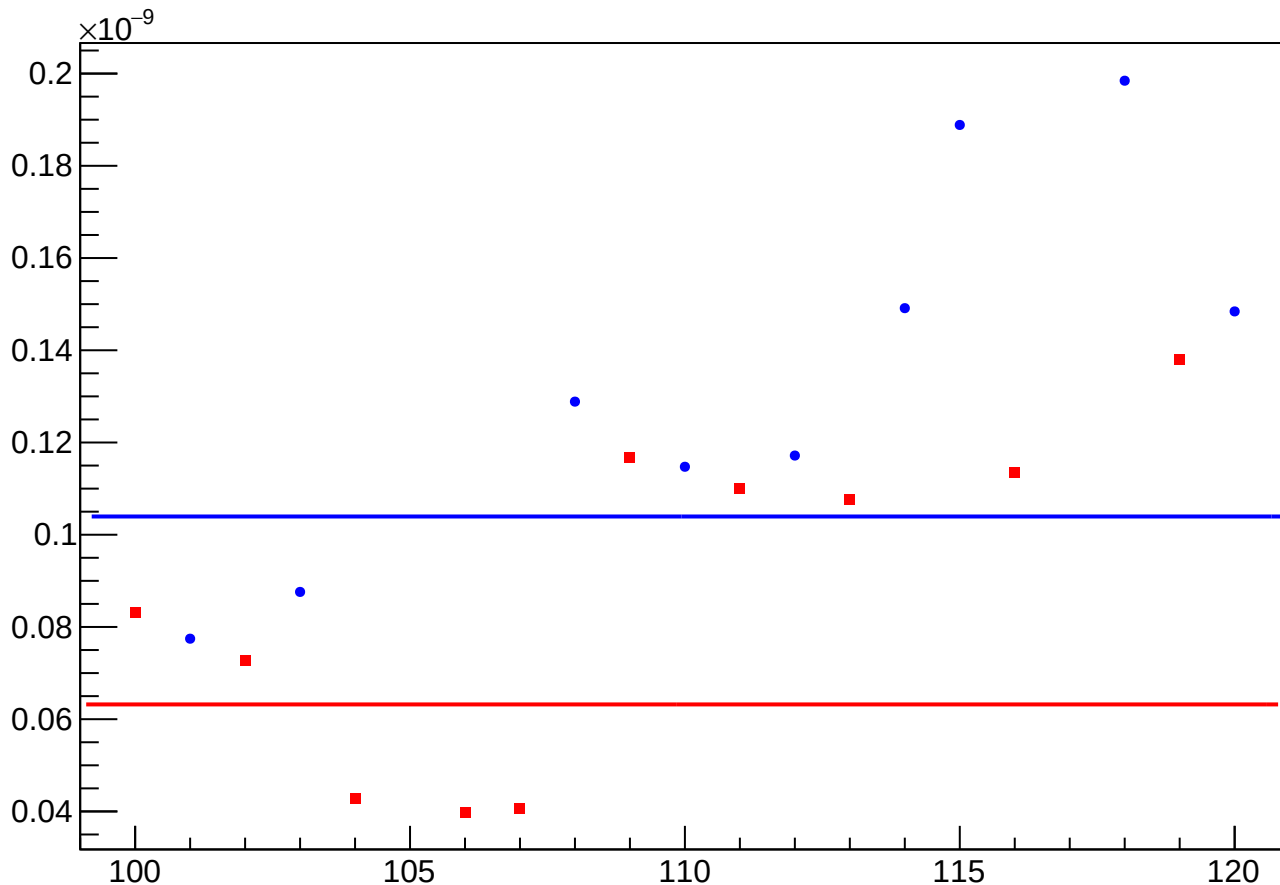
Right: 0.000+/-0.000 χ^2/NDF : 18.7/18

In: 0.000+/-0.000 χ^2/NDF : 10.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.7/18

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 : 441662.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 979192.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

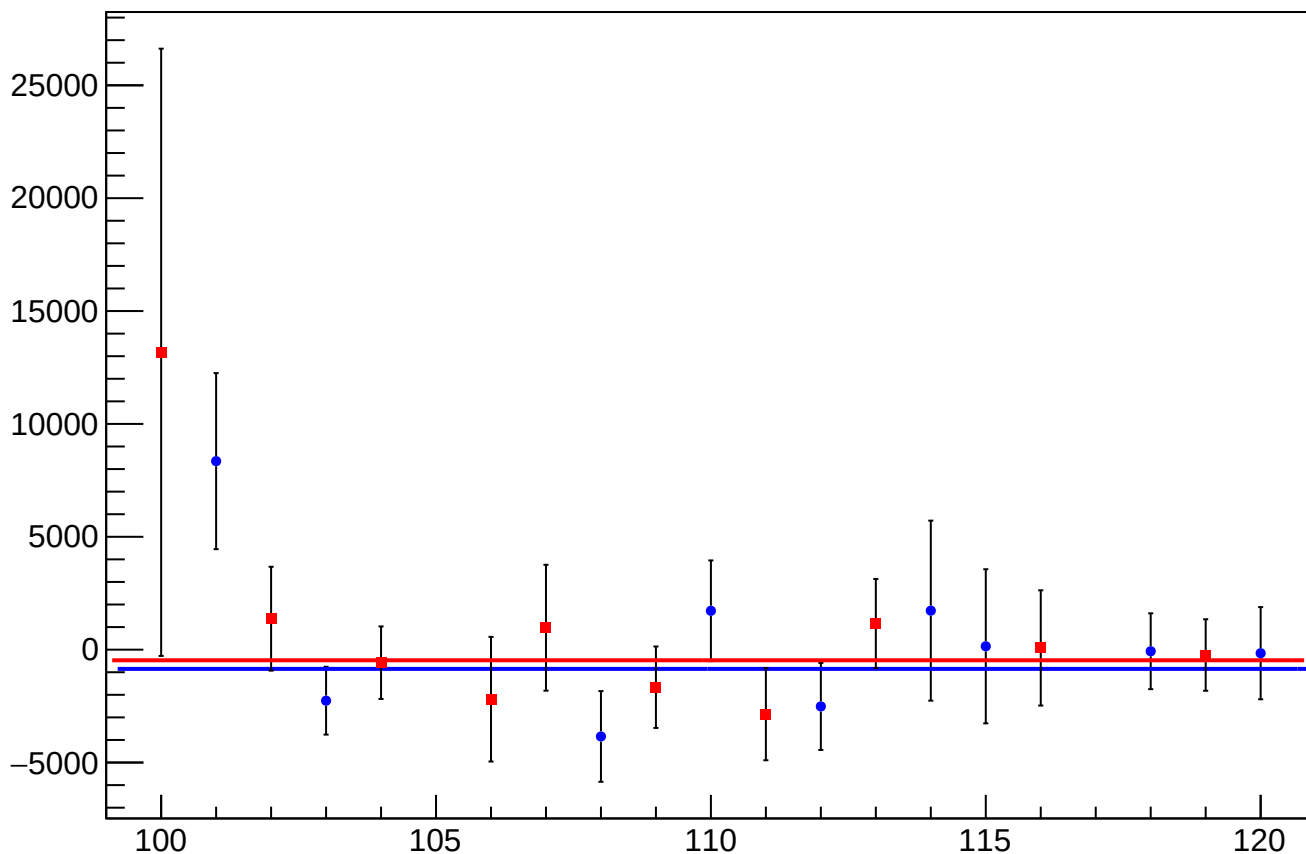
Right: 0.000+/-0.000 χ^2/NDF : 1915202.8/18

In: 0.000+/-0.000 χ^2/NDF : 441662.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1915202.8/18

reg_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -851.359+/-712.546 χ^2/NDF : 11.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -470.574+/-674.645 χ^2/NDF : 4.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

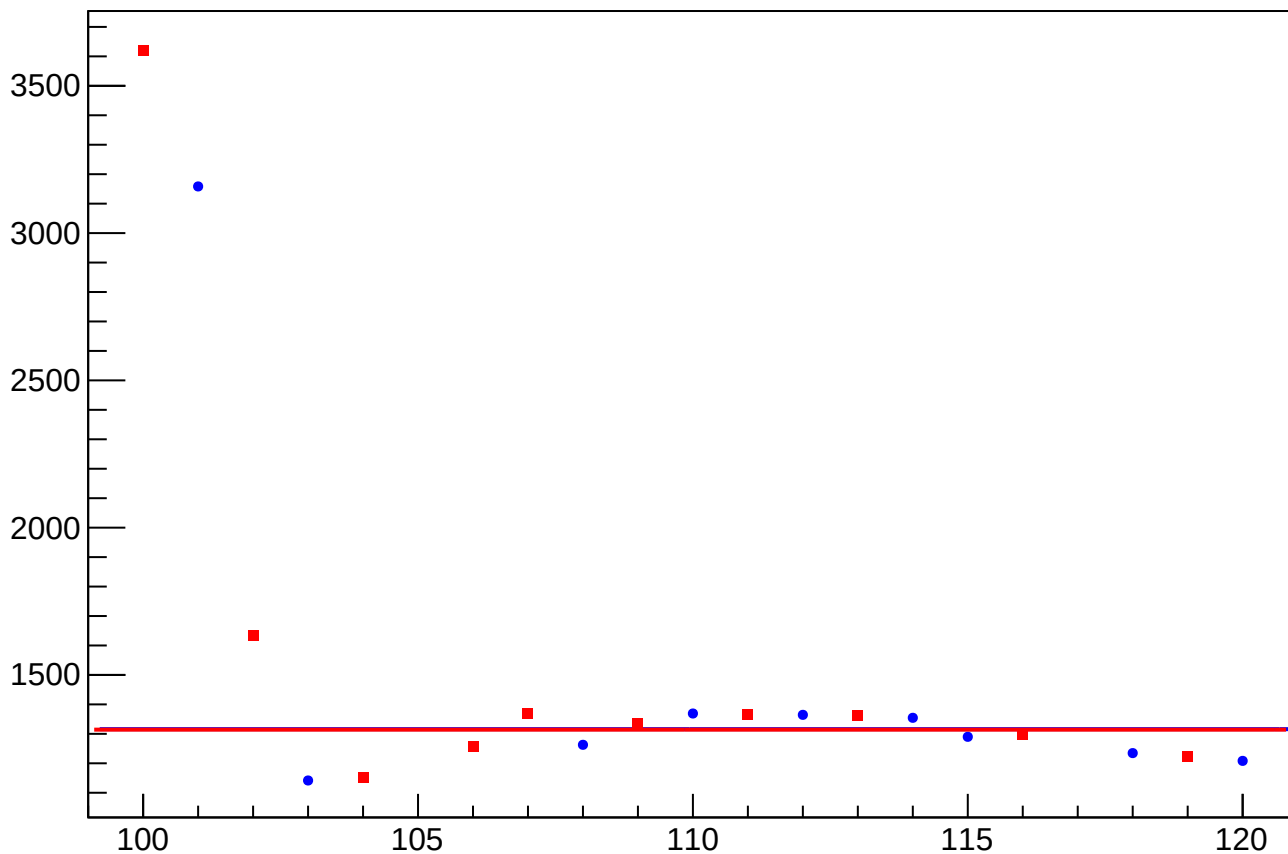
Right: -650.571+/-489.897 χ^2/NDF : 16.6/18

In: -851.359+/-712.546 χ^2/NDF : 11.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -650.571+/-489.897 χ^2/NDF : 16.6/18

reg_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1315.927+/-0.504 χ^2/NDF : 487637.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1314.269+/-0.475 χ^2/NDF : 129408.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

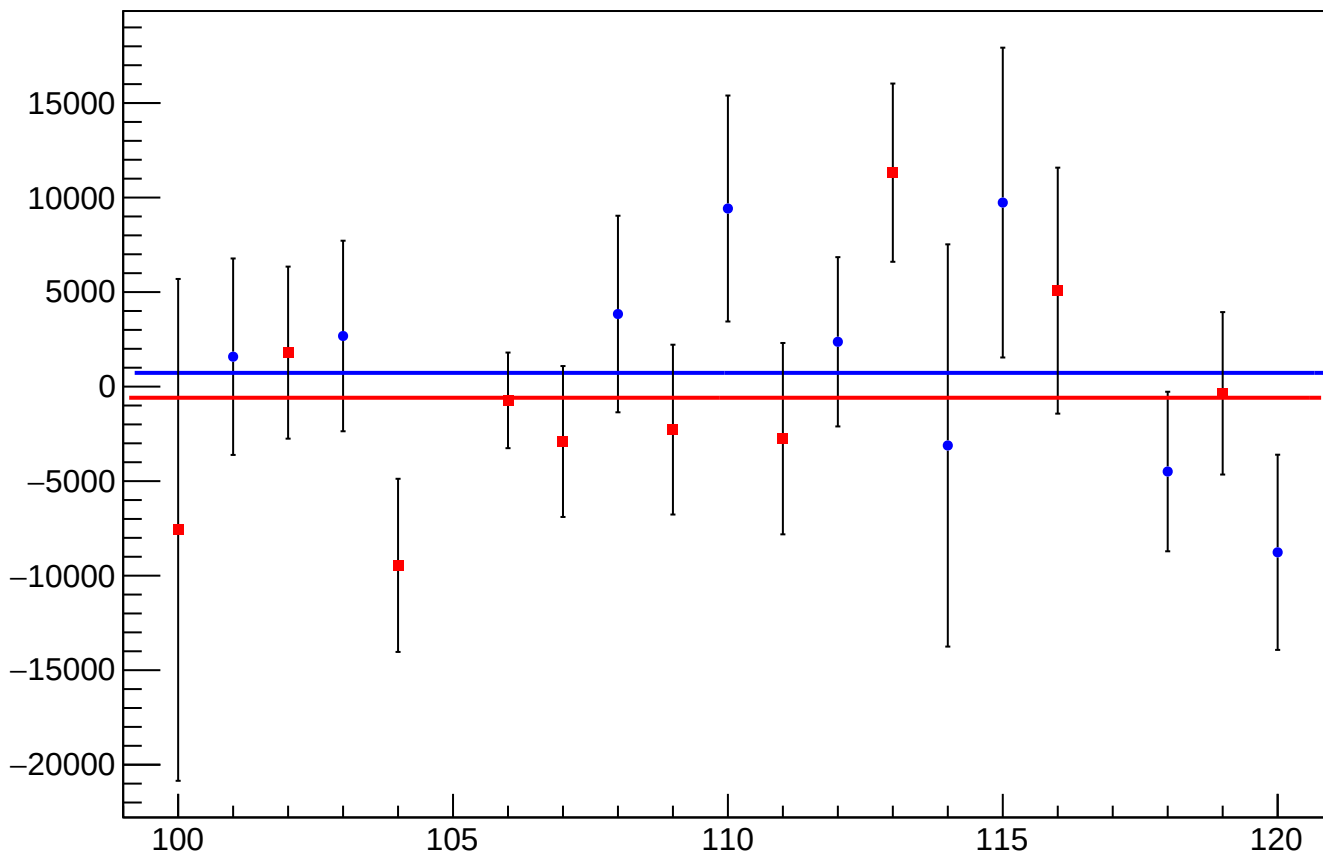
Right: 1315.049+/-0.345 χ^2/NDF : 617052.3/18

In: 1315.927+/-0.504 χ^2/NDF : 487637.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1315.049+/-0.345 χ^2/NDF : 617052.3/18

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 727.064 $\pm$ 1799.843 χ^2 /NDF: 9.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -589.123 $\pm$ 1370.763 χ^2 /NDF: 12.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

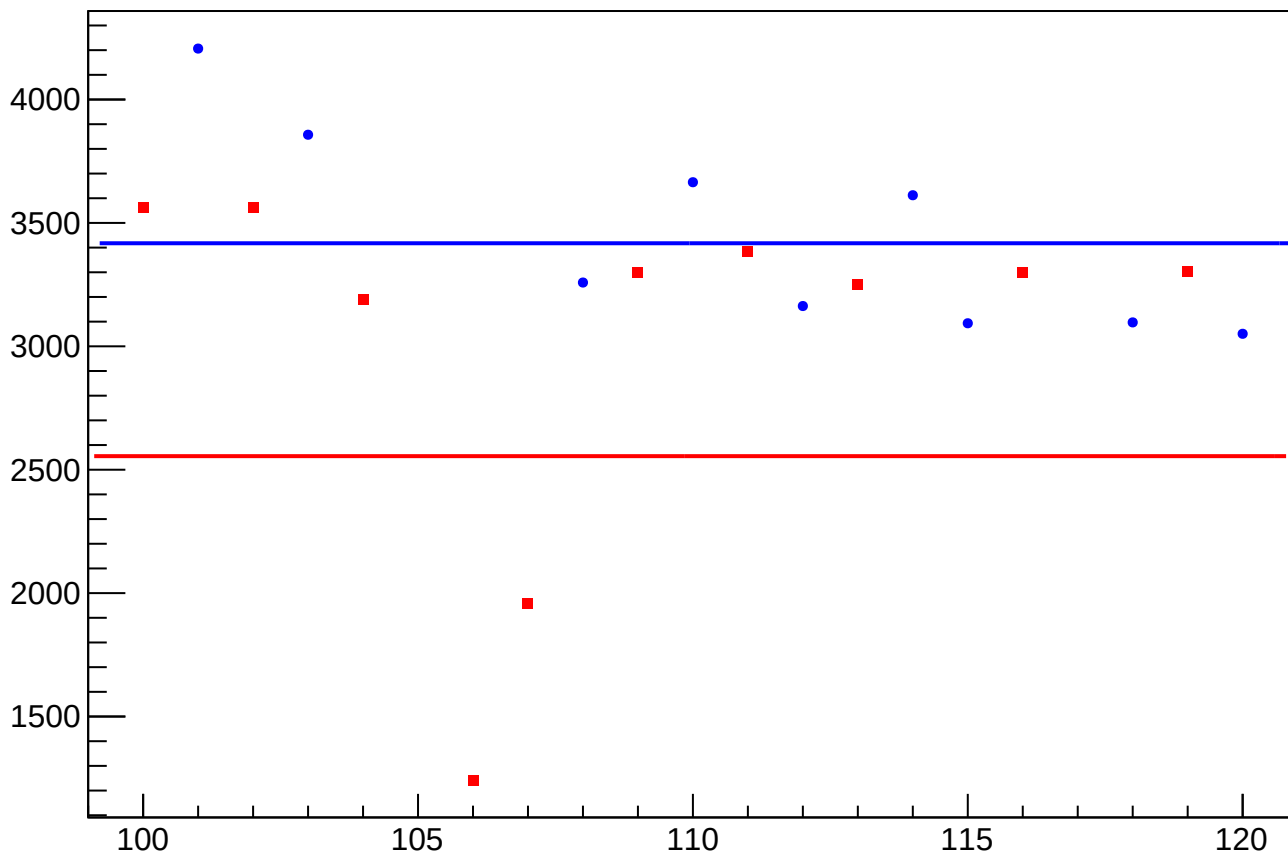
Right: -105.946 $\pm$ 1090.507 χ^2 /NDF: 21.5/18

In: 727.064 $\pm$ 1799.843 χ^2 /NDF:9.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -105.946 $\pm$ 1090.507 χ^2 /NDF: 21.5/18

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3417.596 $\pm$ 1.273 χ^2/NDF : 98514.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 2554.988 $\pm$ 0.969 χ^2/NDF : 970662.4/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

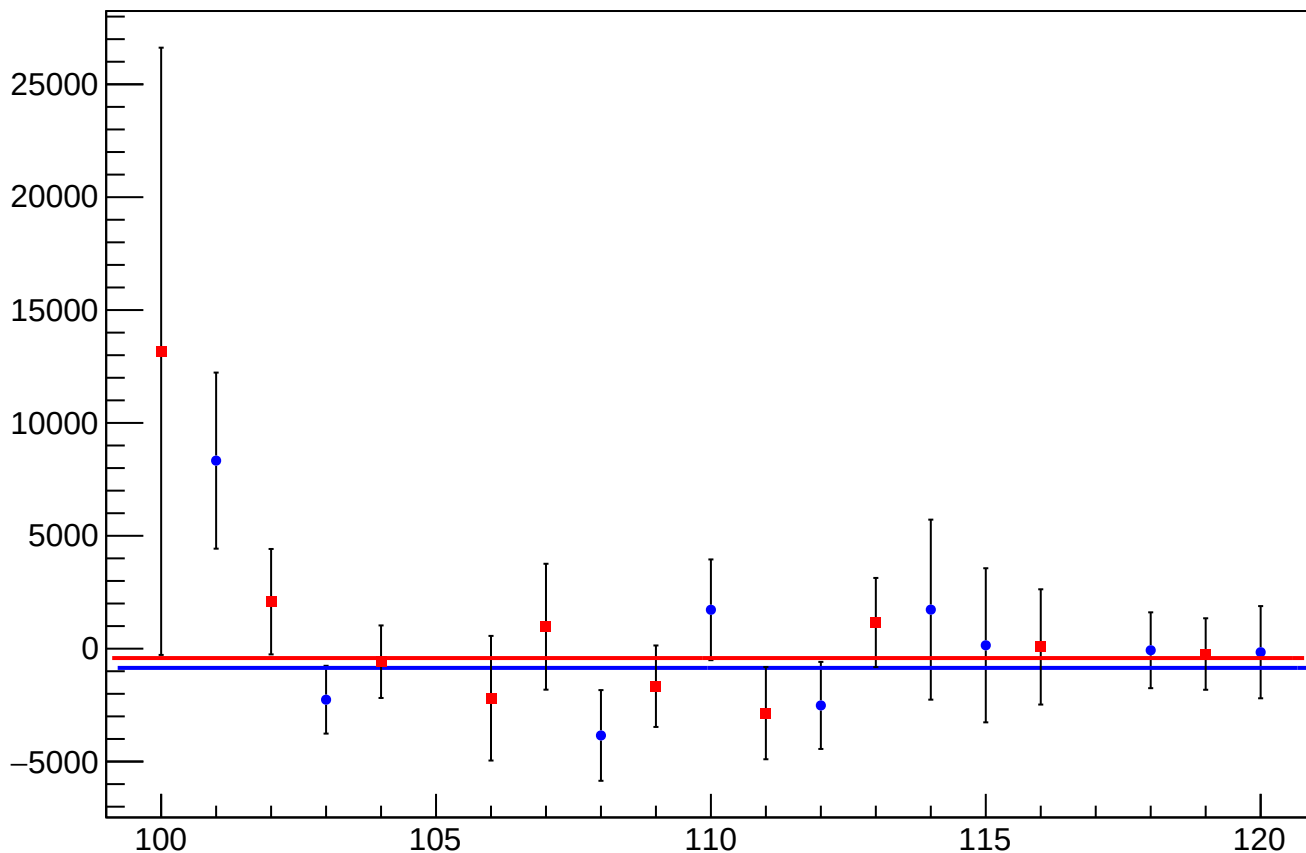
Right: 2871.654 $\pm$ 0.771 χ^2/NDF : 1359927.0/18

In: 3417.596 $\pm$ 1.273 χ^2/NDF : 98514.1/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 2871.654 $\pm$ 0.771 χ^2/NDF : 1359927.0/18

cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -852.035+/-712.546 χ^2/NDF : 11.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -415.983+/-675.503 χ^2/NDF : 5.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

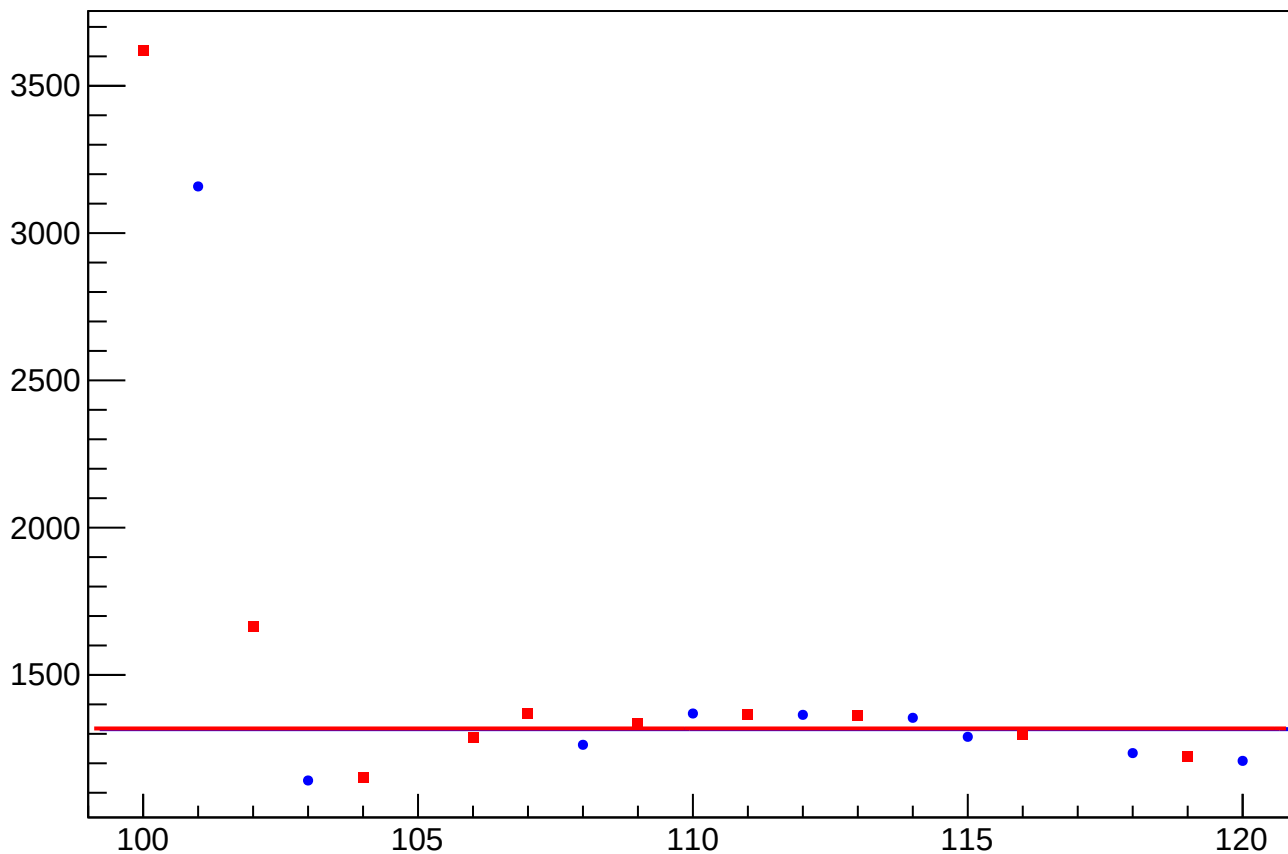
Right: -622.380+/-490.225 χ^2/NDF : 17.2/18

In: -852.035+/-712.546 χ^2/NDF :11.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -622.380+/-490.225 χ^2/NDF : 17.2/18

cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1315.926+/-0.504 χ^2/NDF : 487639.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1318.227+/-0.476 χ^2/NDF : 135367.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

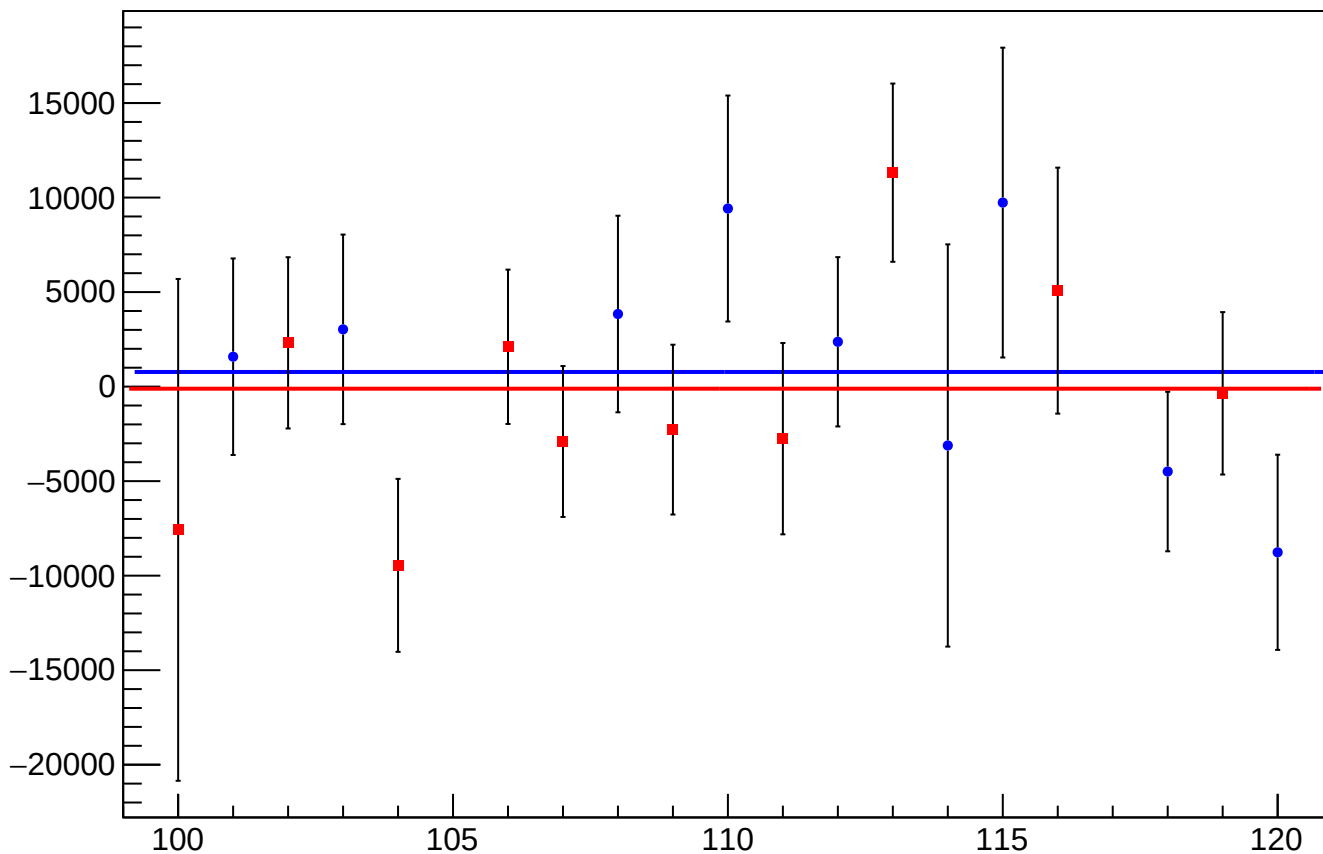
Right: 1317.142+/-0.346 χ^2/NDF : 623017.5/18

In: 1315.926+/-0.504 χ^2/NDF : 487639.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1317.142+/-0.346 χ^2/NDF : 623017.5/18

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 774.691+/-1798.703 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -110.453+/-1513.776 χ^2/NDF : 12.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

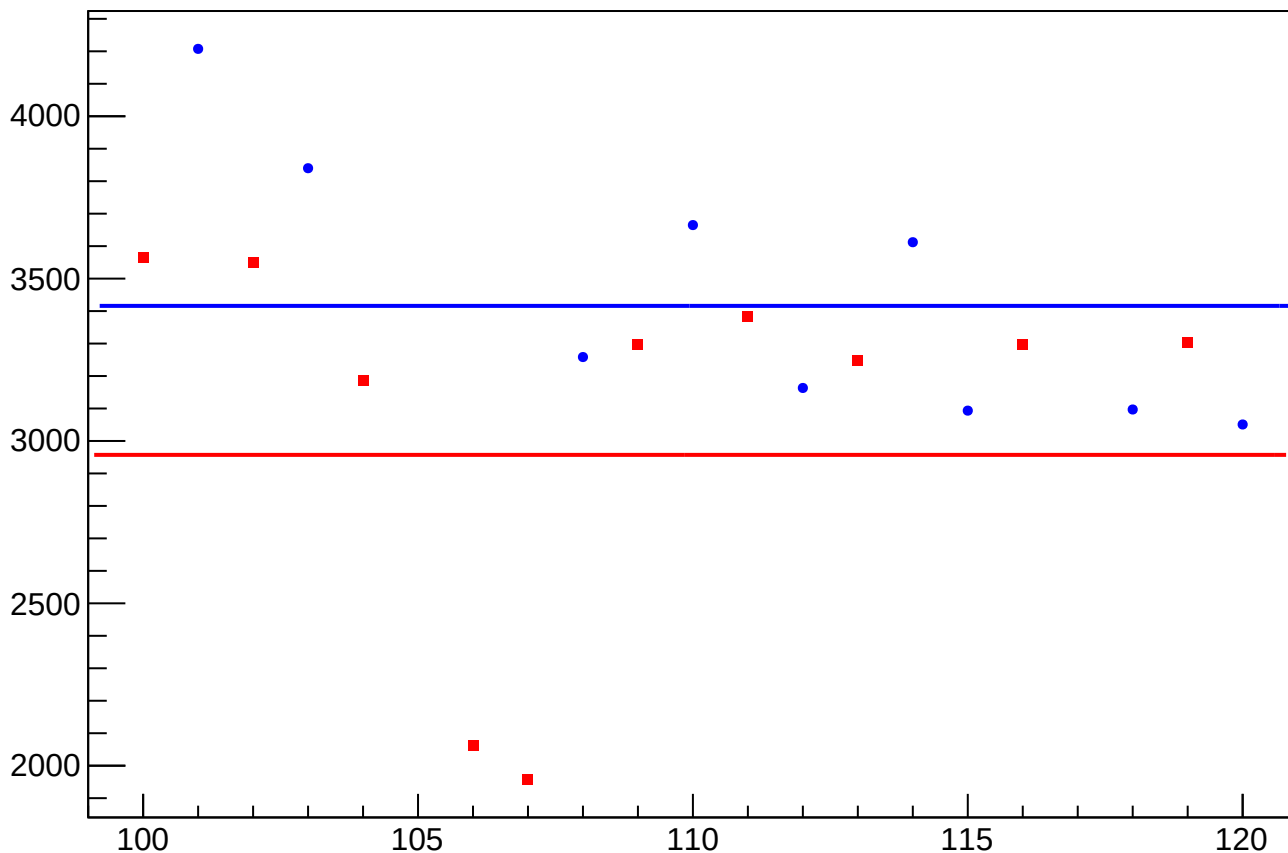
Right: 256.541+/-1158.196 χ^2/NDF : 21.8/18

In: 774.691+/-1798.703 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 256.541+/-1158.196 χ^2/NDF : 21.8/18

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3416.026+/-1.272 χ^2/NDF : 97590.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2957.186+/-1.070 χ^2/NDF : 317255.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

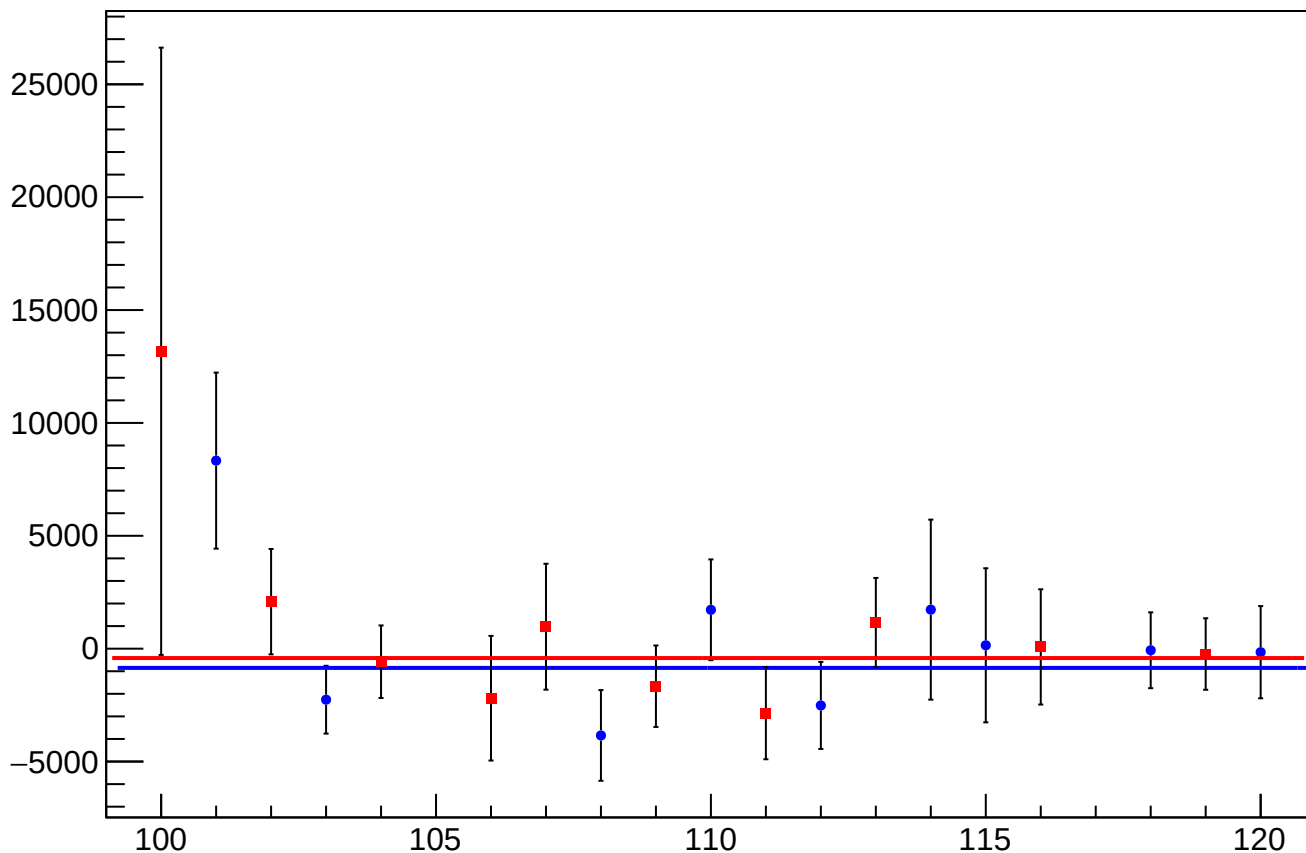
Right: 3147.428+/-0.819 χ^2/NDF : 491031.3/18

In: 3416.026+/-1.272 χ^2/NDF : 97590.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3147.428+/-0.819 χ^2/NDF : 491031.3/18

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -852.035+/-712.546 χ^2/NDF : 11.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -415.983+/-675.503 χ^2/NDF : 5.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

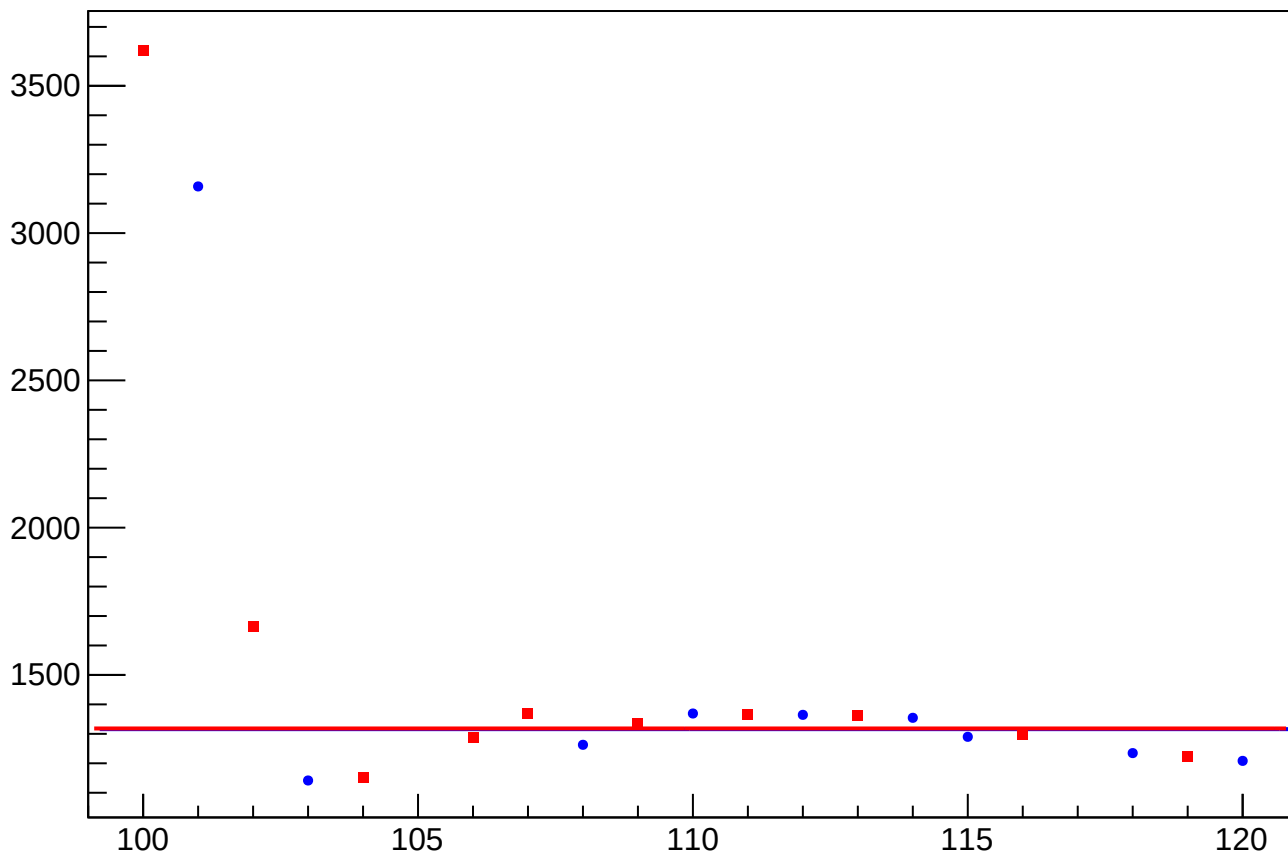
Right: -622.380+/-490.225 χ^2/NDF : 17.2/18

In: -852.035+/-712.546 χ^2/NDF : 11.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -622.380+/-490.225 χ^2/NDF : 17.2/18

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1315.926+/-0.504 χ^2/NDF : 487639.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1318.227+/-0.476 χ^2/NDF : 135367.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

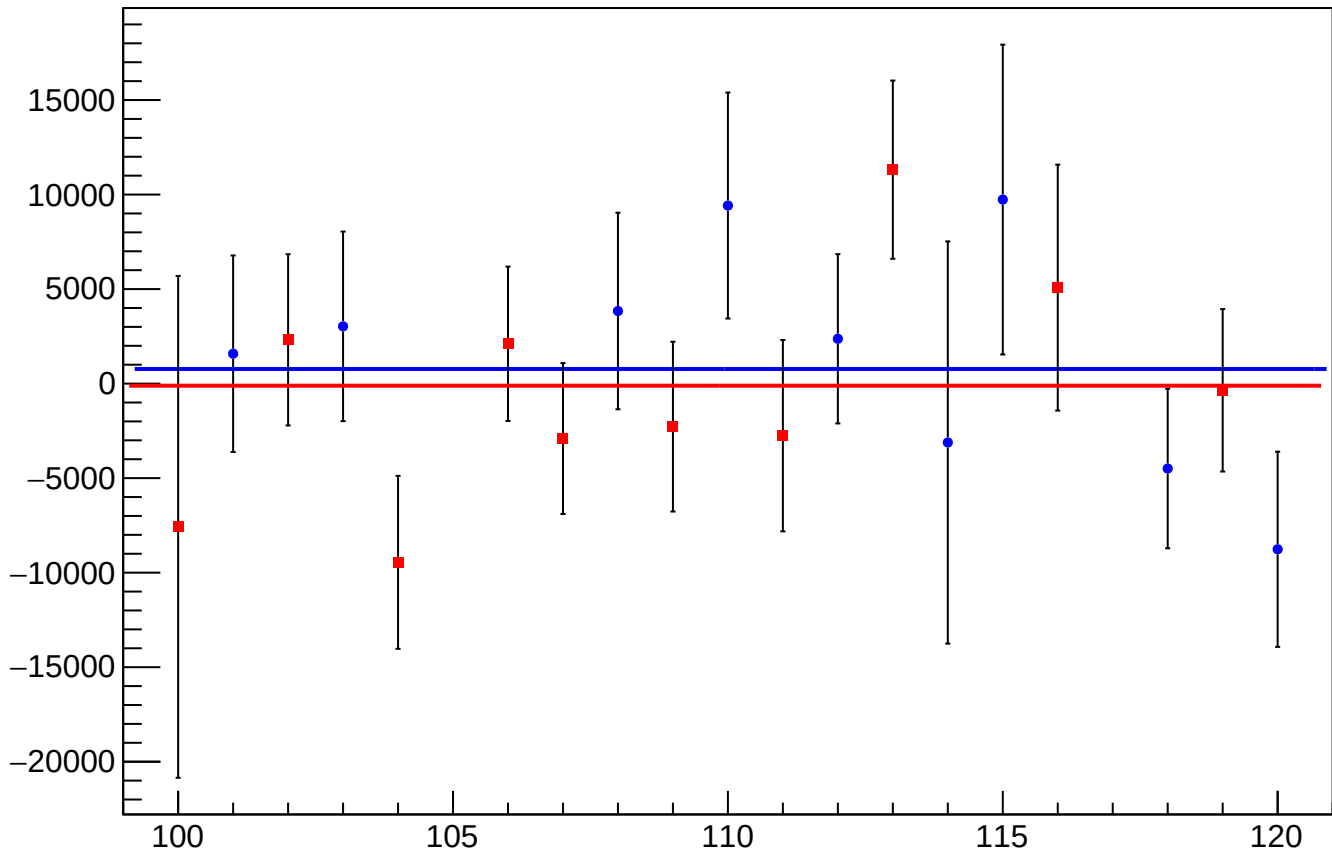
Right: 1317.142+/-0.346 χ^2/NDF : 623017.5/18

In: 1315.926+/-0.504 χ^2/NDF : 487639.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1317.142+/-0.346 χ^2/NDF : 623017.5/18

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 774.691+/-1798.703 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -110.453+/-1513.776 χ^2/NDF : 12.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

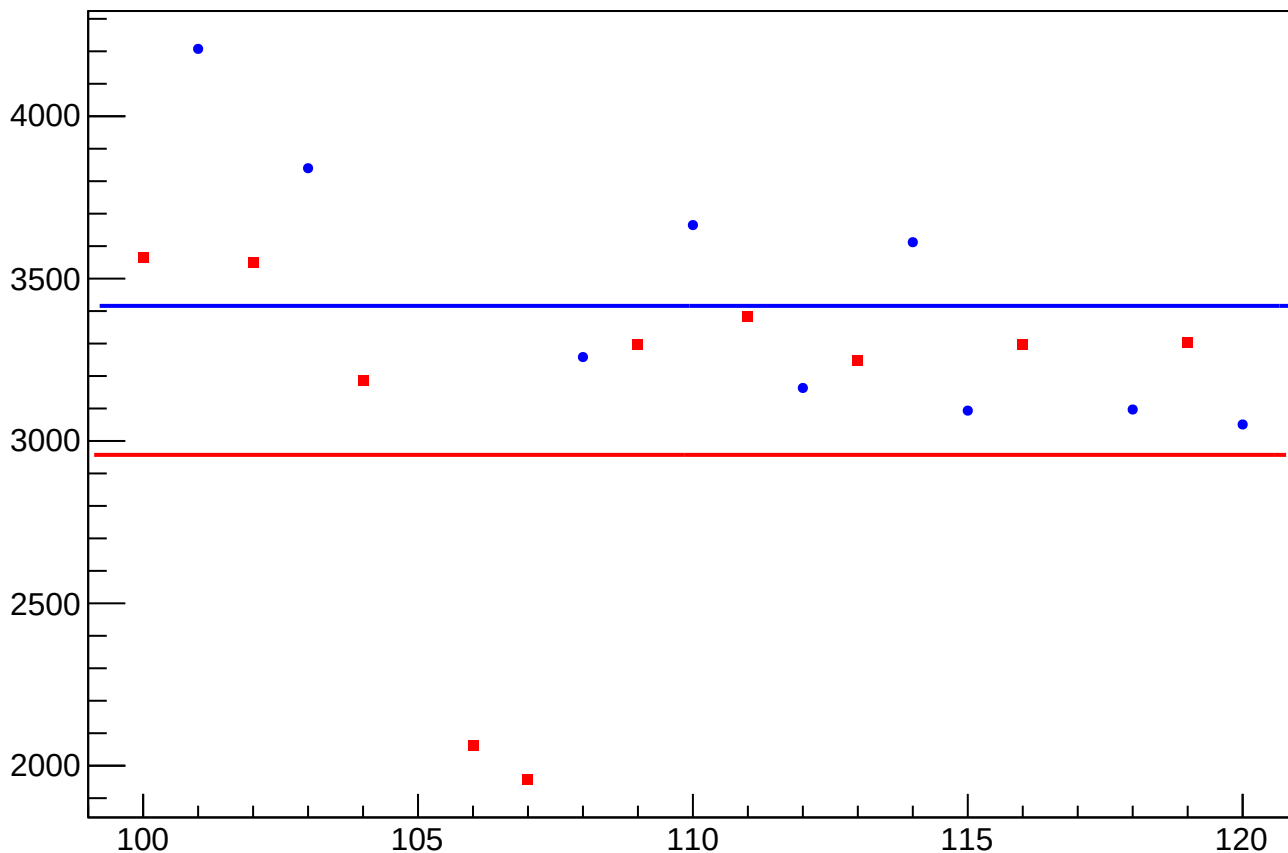
Right: 256.541+/-1158.196 χ^2/NDF : 21.8/18

In: 774.691+/-1798.703 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 256.541+/-1158.196 χ^2/NDF : 21.8/18

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3416.026+/-1.272 χ^2/NDF : 97590.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2957.186+/-1.070 χ^2/NDF : 317255.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

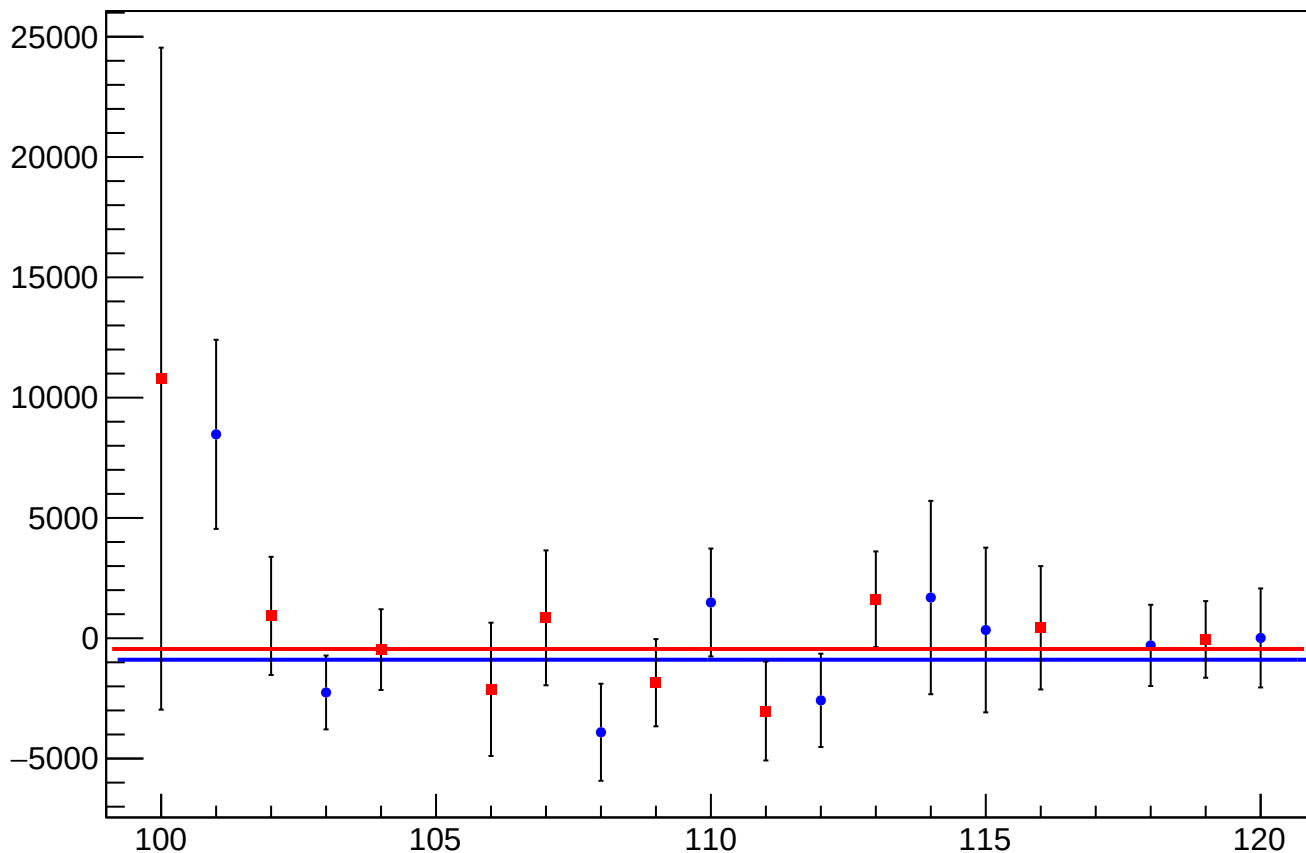
Right: 3147.428+/-0.819 χ^2/NDF : 491031.3/18

In: 3416.026+/-1.272 χ^2/NDF : 97590.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3147.428+/-0.819 χ^2/NDF : 491031.3/18

dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -892.330+/-718.956 χ^2/NDF : 11.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -446.283+/-685.988 χ^2/NDF : 5.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

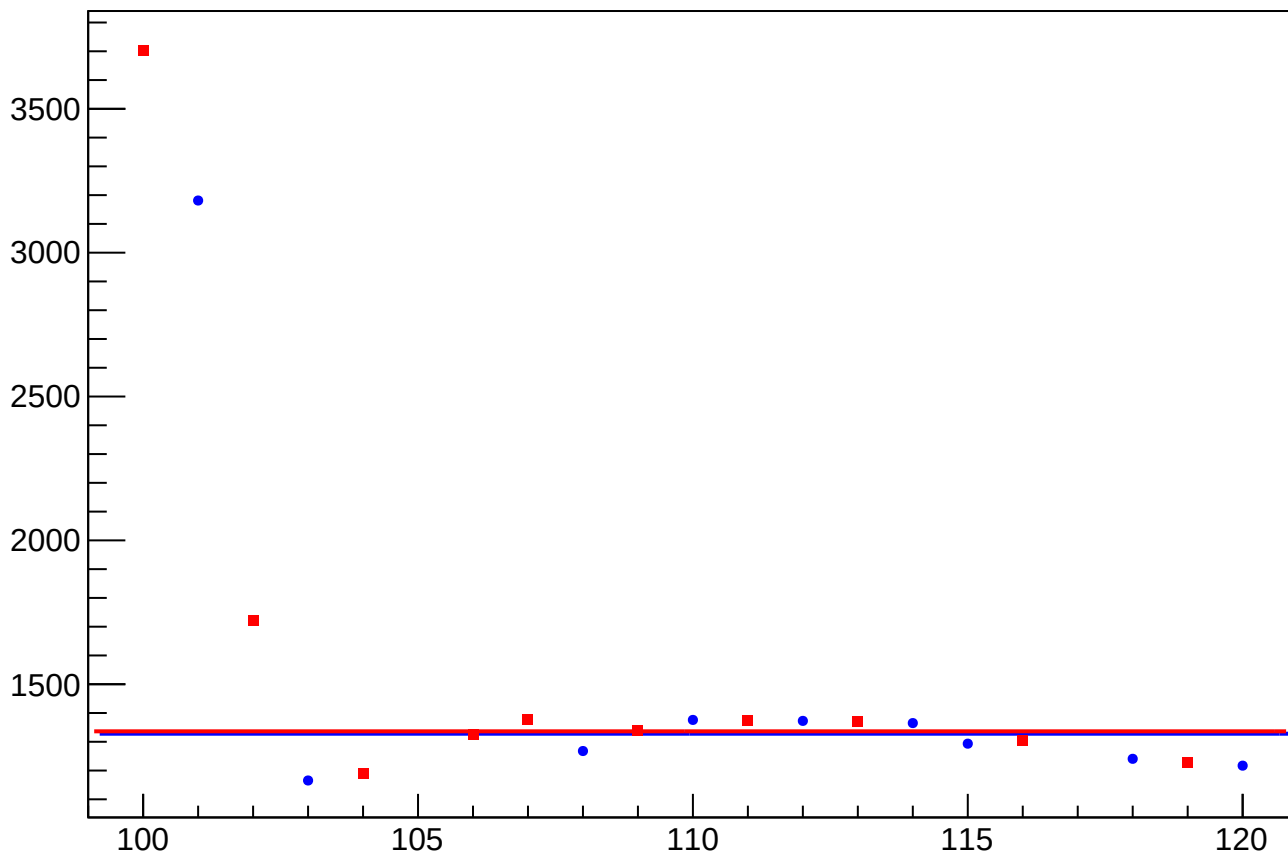
Right: -658.845+/-496.313 χ^2/NDF : 16.7/18

In: -892.330+/-718.956 χ^2/NDF :11.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -658.845+/-496.313 χ^2/NDF : 16.7/18

dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1328.042+/-0.508 χ^2/NDF : 482693.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1336.319+/-0.484 χ^2/NDF : 134582.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

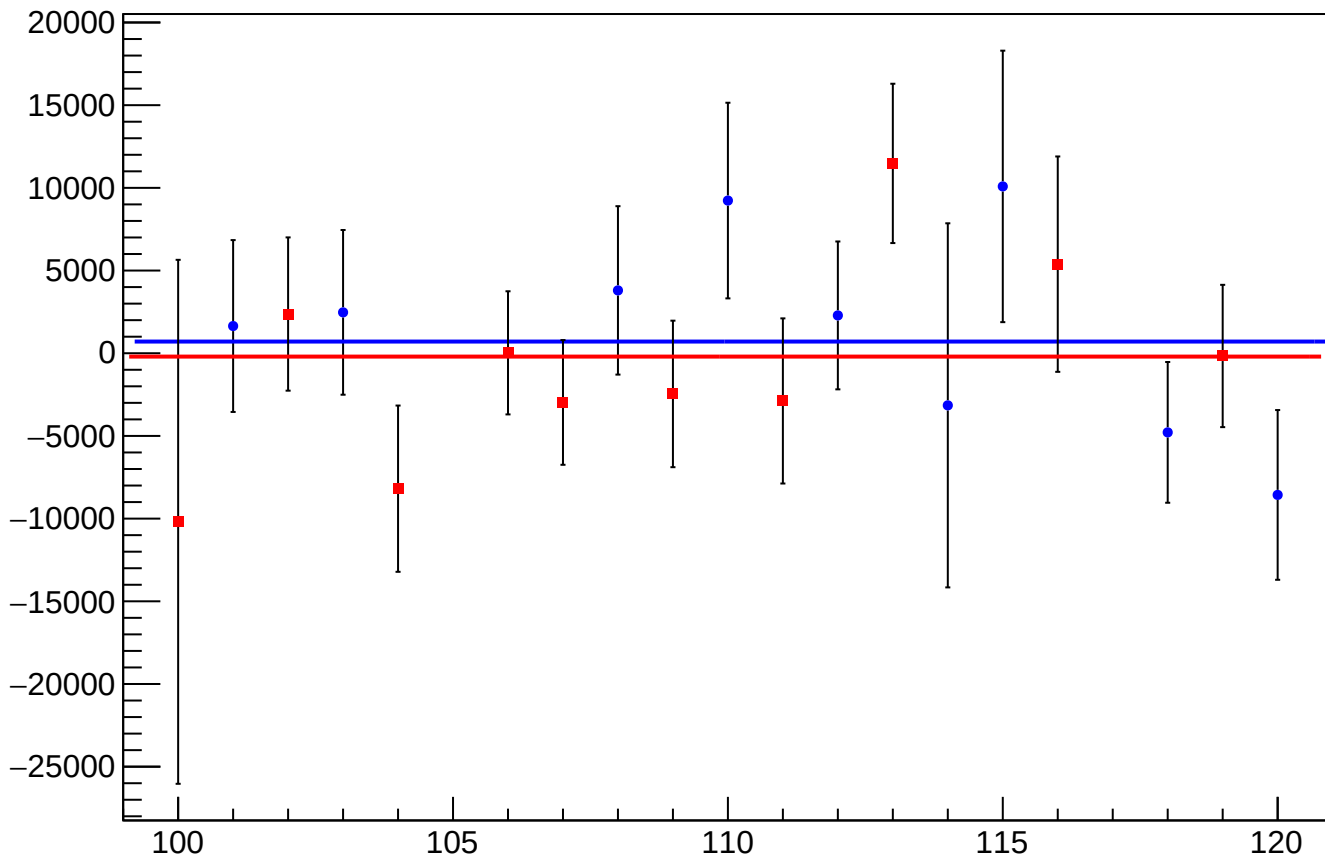
Right: 1332.381+/-0.351 χ^2/NDF : 617414.6/18

In: 1328.042+/-0.508 χ^2/NDF : 482693.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1332.381+/-0.351 χ^2/NDF : 617414.6/18

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 706.617+/-1793.660 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -202.496+/-1500.109 χ^2/NDF : 10.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

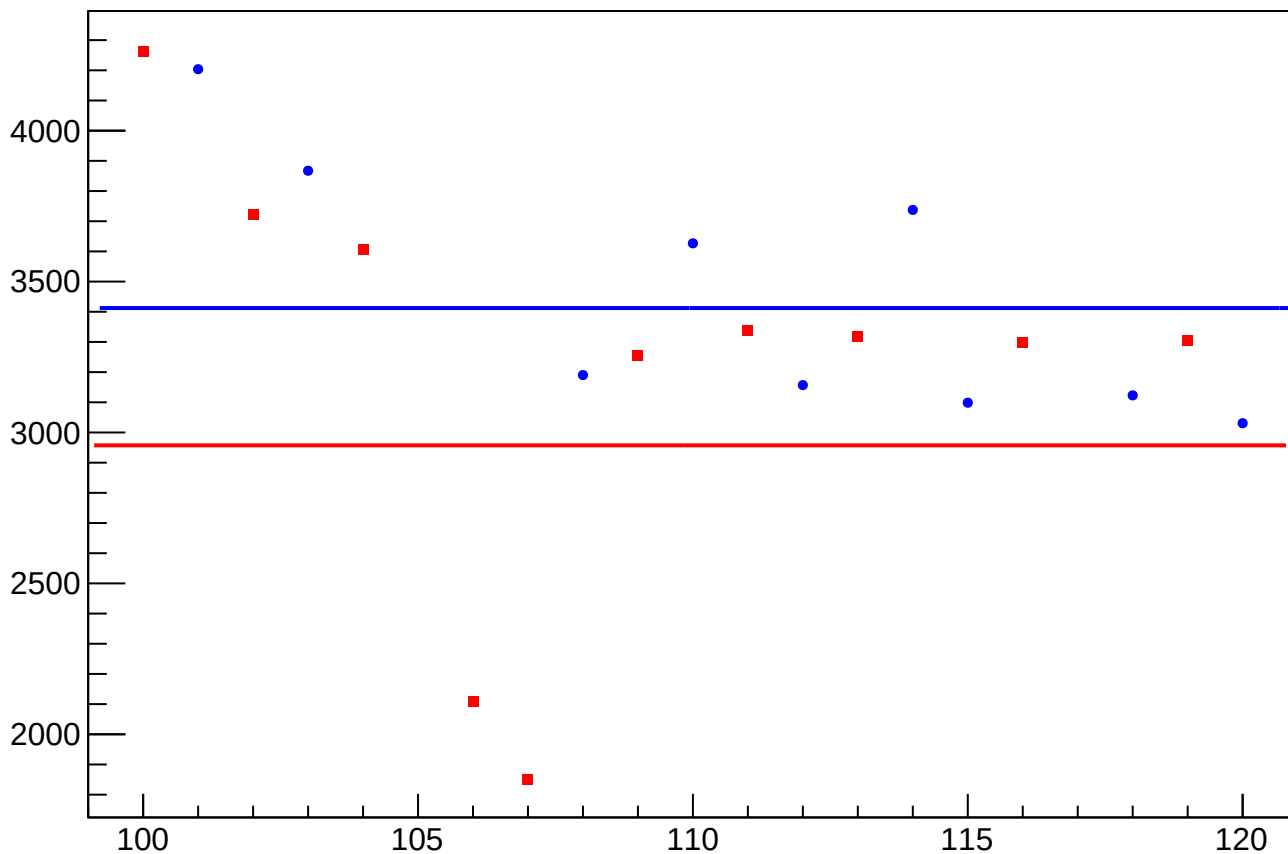
Right: 171.676+/-1150.713 χ^2/NDF : 20.2/18

In: 706.617+/-1793.660 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.676+/-1150.713 χ^2/NDF : 20.2/18

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3412.361+/-1.268 χ^2/NDF : 101015.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2957.346+/-1.061 χ^2/NDF : 428864.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

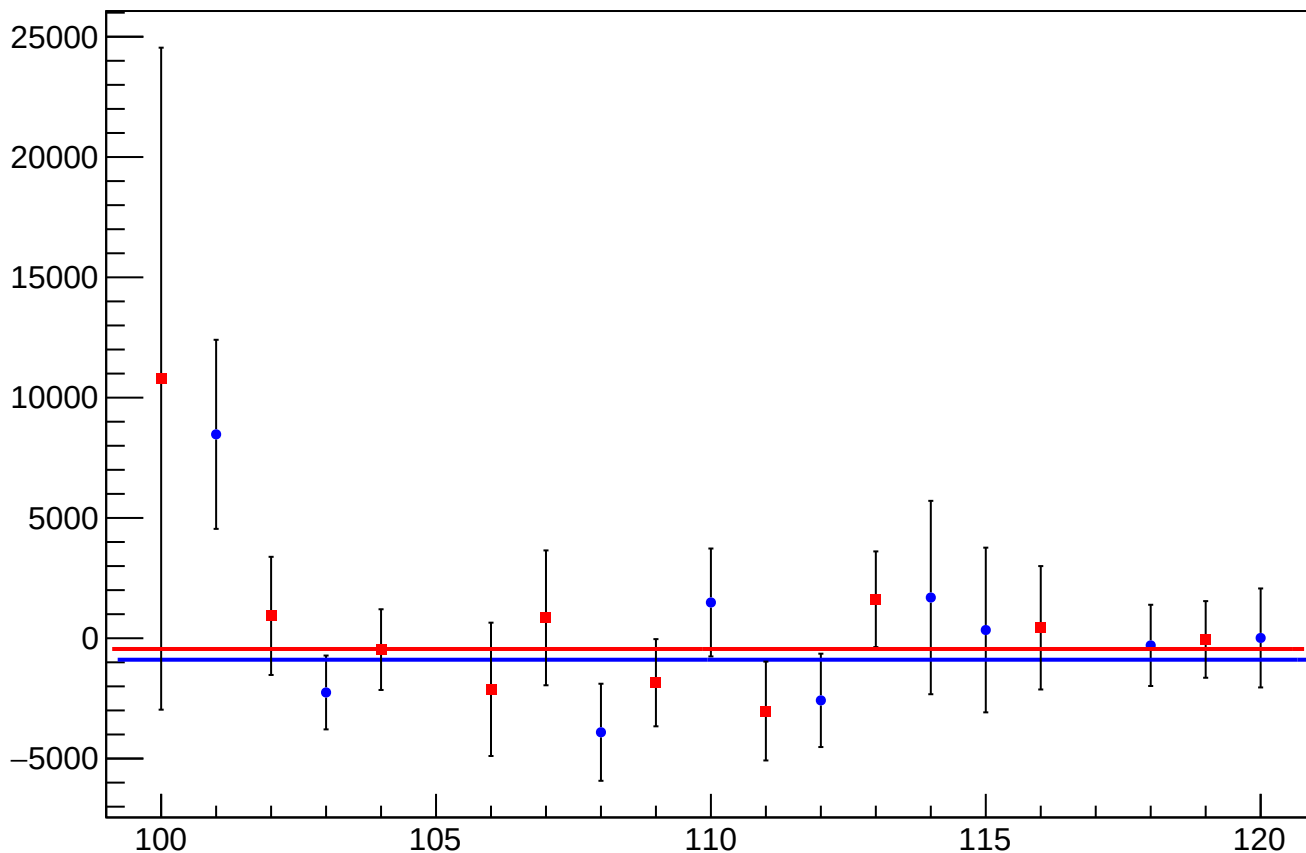
Right: 3144.621+/-0.814 χ^2/NDF : 605613.9/18

In: 3412.361+/-1.268 χ^2/NDF : 101015.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3144.621+/-0.814 χ^2/NDF : 605613.9/18

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -892.328+/-718.956 χ^2 /NDF: 11.5/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -446.292+/-685.988 χ^2 /NDF: 5.0/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

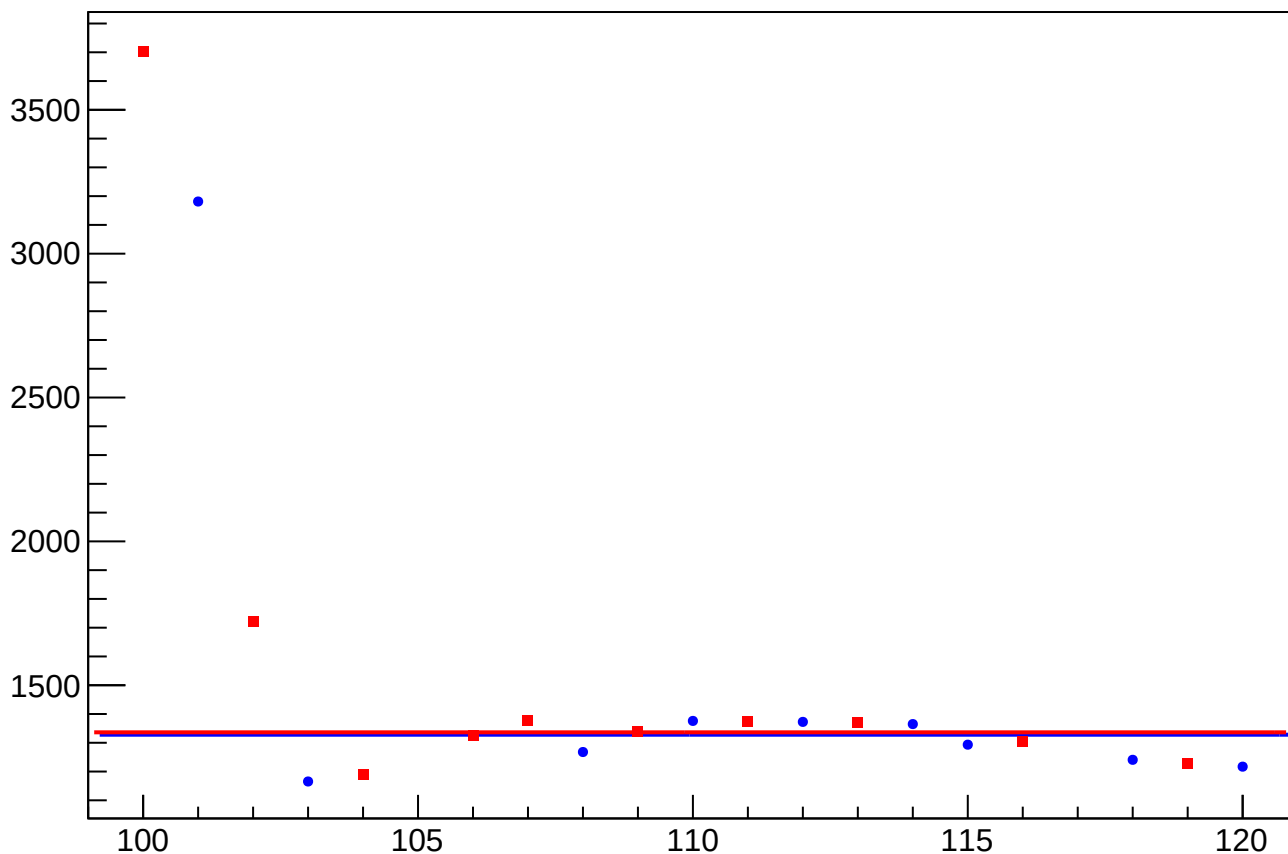
Right: -658.849+/-496.313 χ^2 /NDF: 16.7/18

In: -892.328+/-718.956 χ^2 /NDF:11.5/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -658.849+/-496.313 χ^2 /NDF: 16.7/18

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1328.042+/-0.508 χ^2/NDF : 482693.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1336.319+/-0.484 χ^2/NDF : 134582.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

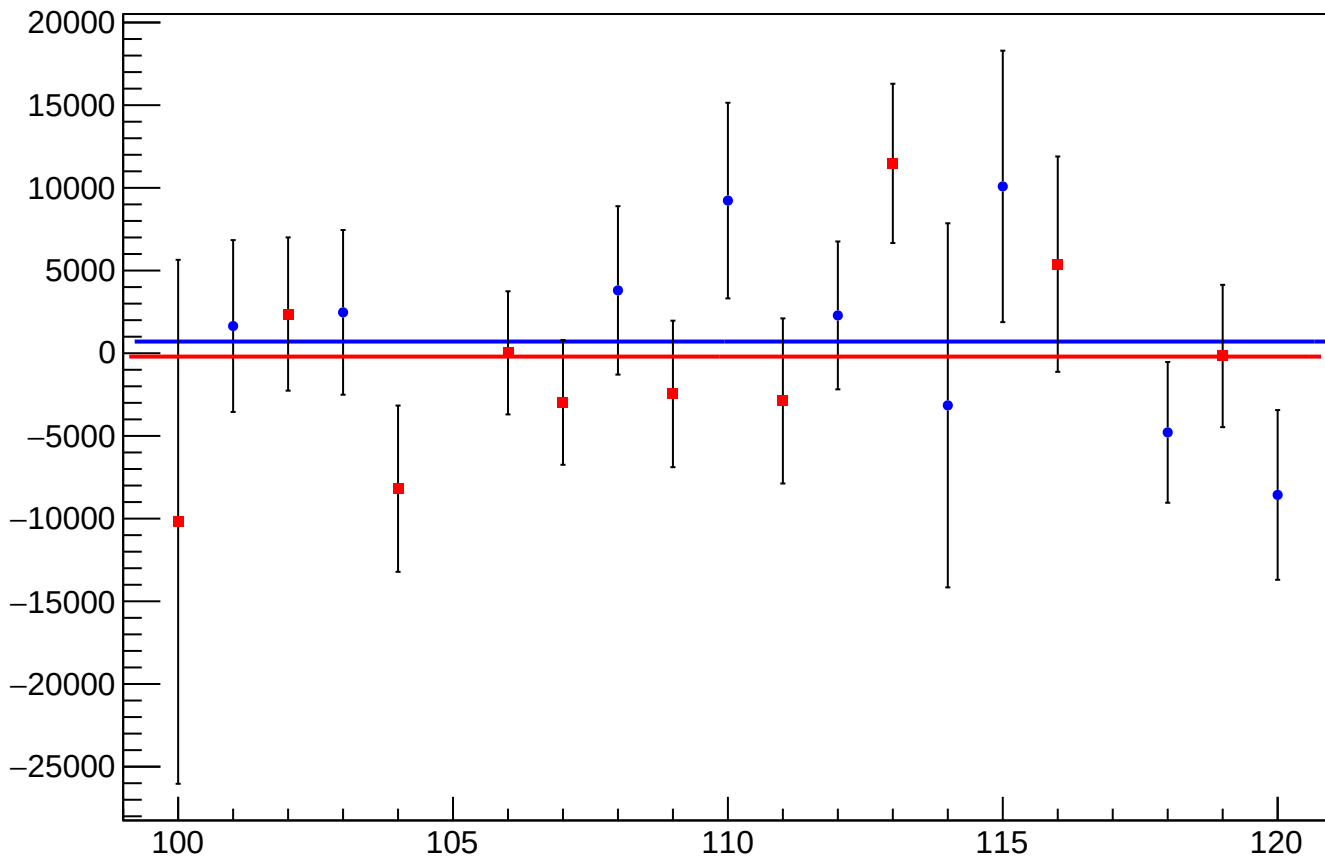
Right: 1332.381+/-0.351 χ^2/NDF : 617414.6/18

In: 1328.042+/-0.508 χ^2/NDF : 482693.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1332.381+/-0.351 χ^2/NDF : 617414.6/18

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 706.609+/-1793.656 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -202.501+/-1500.106 χ^2/NDF : 10.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

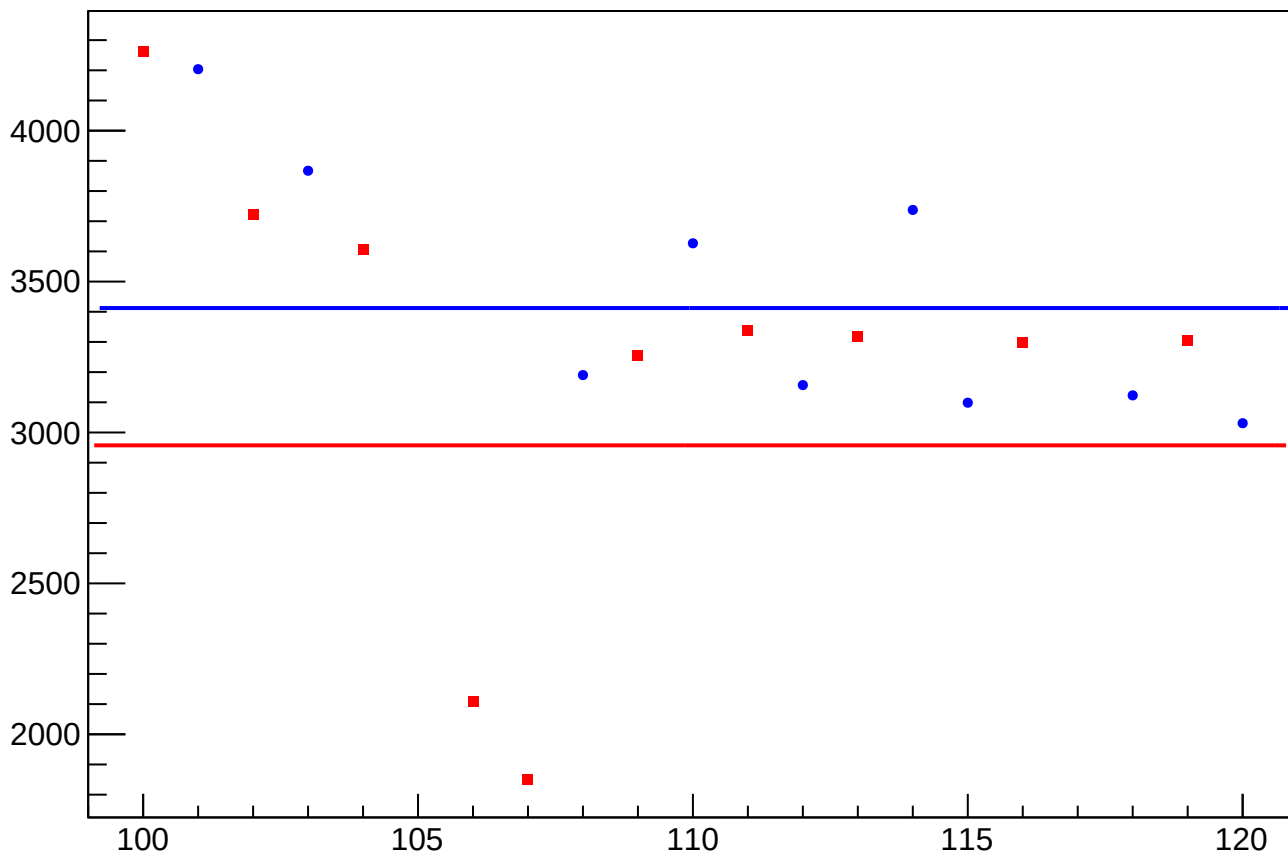
Right: 171.670+/-1150.710 χ^2/NDF : 20.2/18

In: 706.609+/-1793.656 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.670+/-1150.710 χ^2/NDF : 20.2/18

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3412.351+/-1.268 χ^2/NDF : 101018.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2957.339+/-1.061 χ^2/NDF : 428866.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

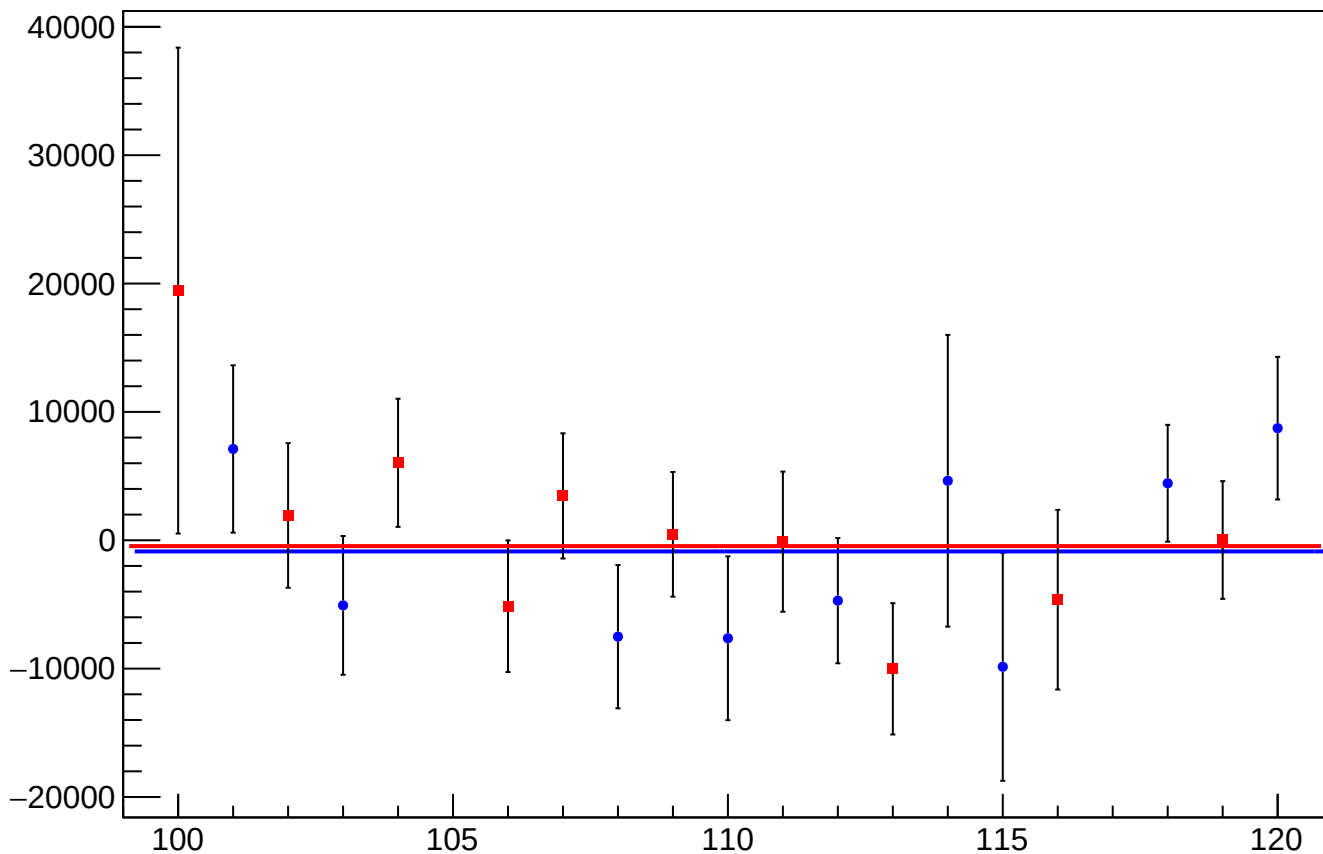
Right: 3144.612+/-0.814 χ^2/NDF : 605617.7/18

In: 3412.351+/-1.268 χ^2/NDF : 101018.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3144.612+/-0.814 χ^2/NDF : 605617.7/18

asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -869.265+/-1970.437 χ^2/NDF : 10.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -454.670+/-1723.460 χ^2/NDF : 8.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

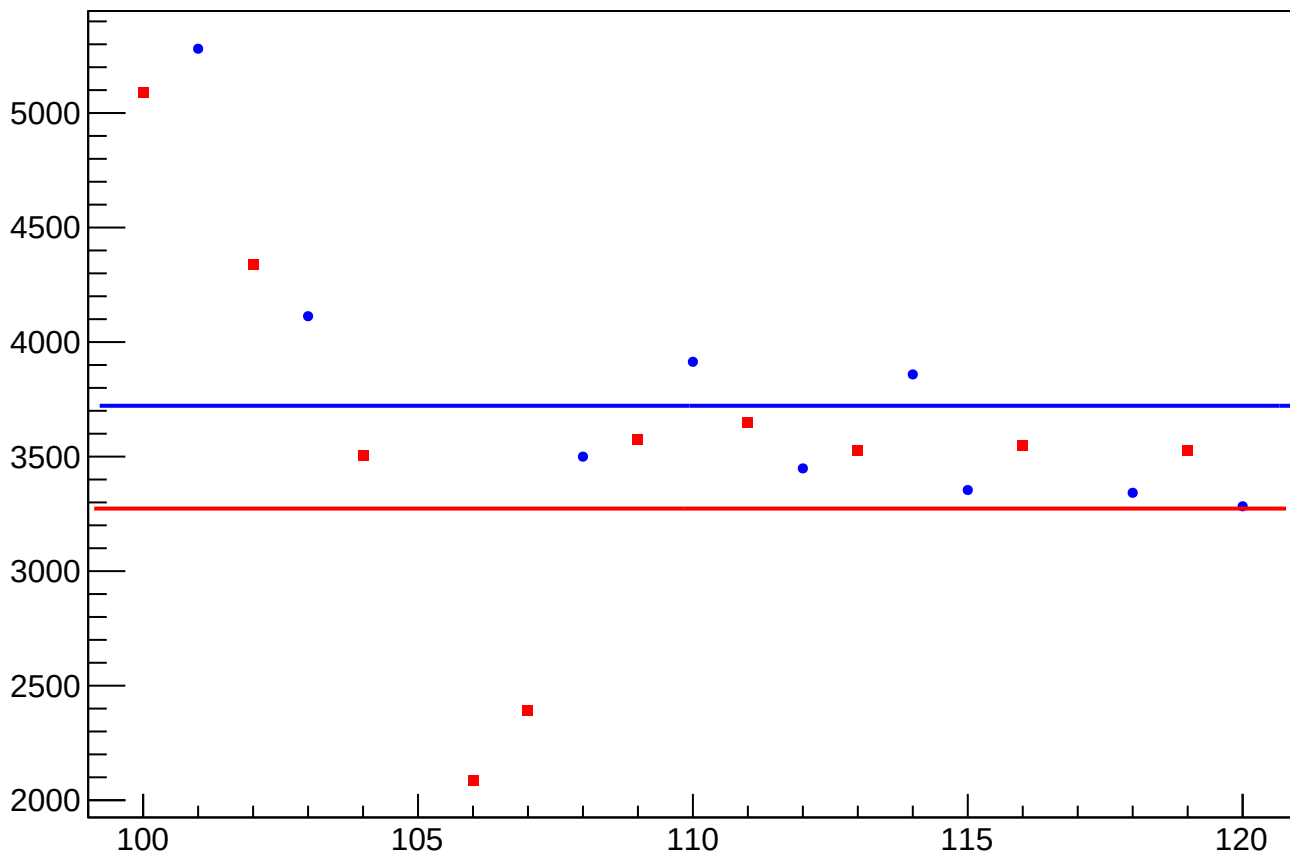
Right: -634.371+/-1297.255 χ^2/NDF : 19.3/18

In: -869.265+/-1970.437 χ^2/NDF : 10.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -634.371+/-1297.255 χ^2/NDF : 19.3/18

asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 3721.961+/-1.393 χ^2/NDF : 166245.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3273.153+/-1.191 χ^2/NDF : 341083.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

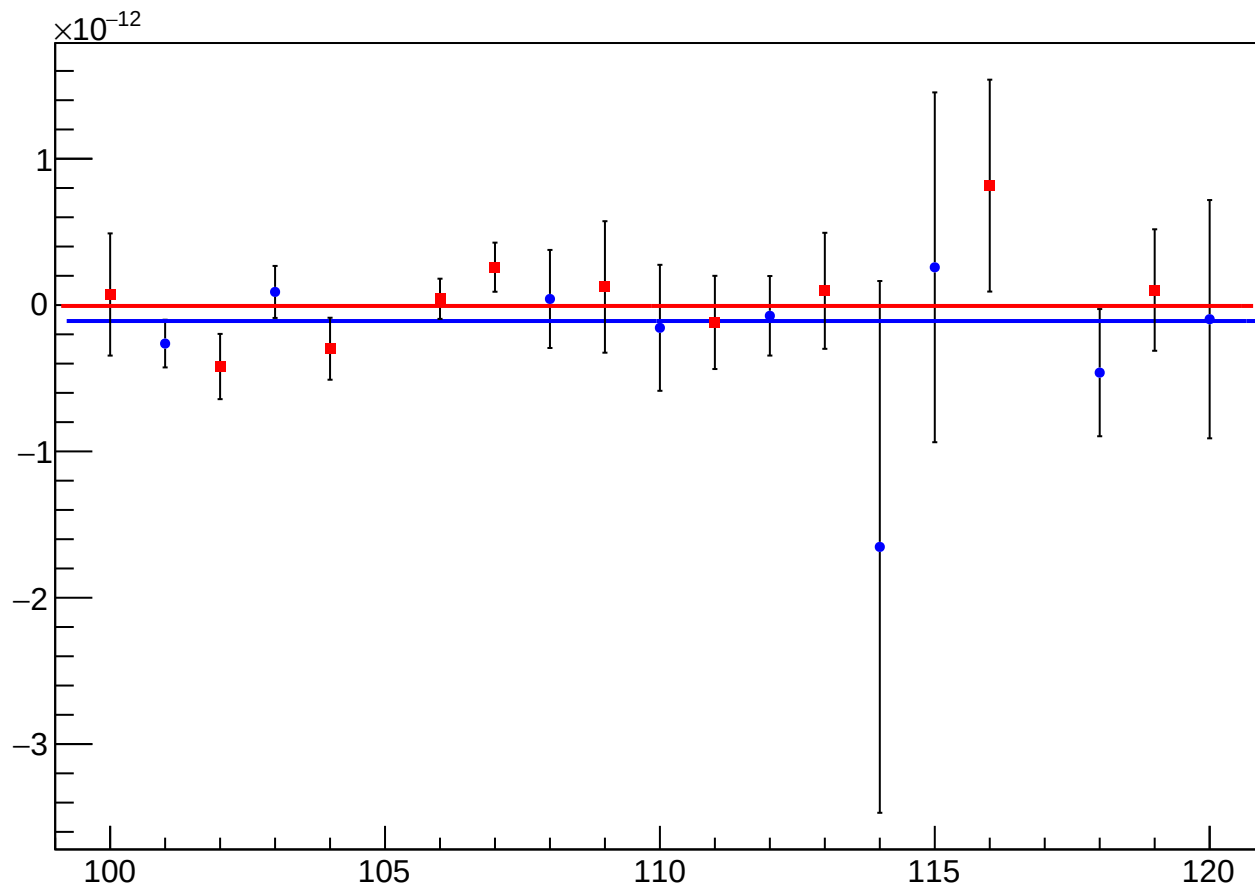
Right: 3462.713+/-0.905 χ^2/NDF : 567266.6/18

In: 3721.961+/-1.393 χ^2/NDF : 166245.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3462.713+/-0.905 χ^2/NDF : 567266.6/18

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 3.9/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 9.6/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

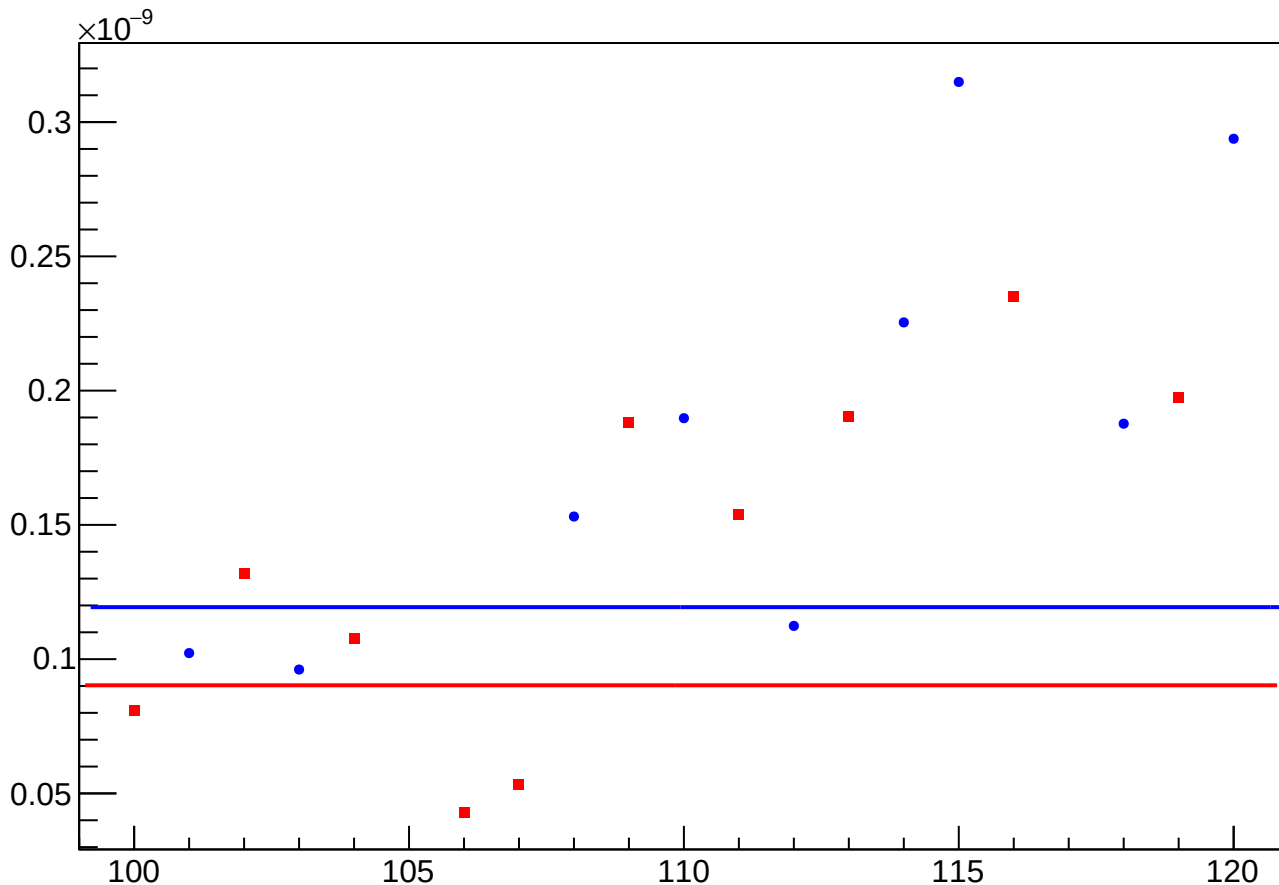
Right: -0.000+/-0.000 χ^2 /NDF: 14.2/18

In: -0.000+/-0.000 χ^2 /NDF:3.9/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 14.2/18

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 332856.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 934312.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

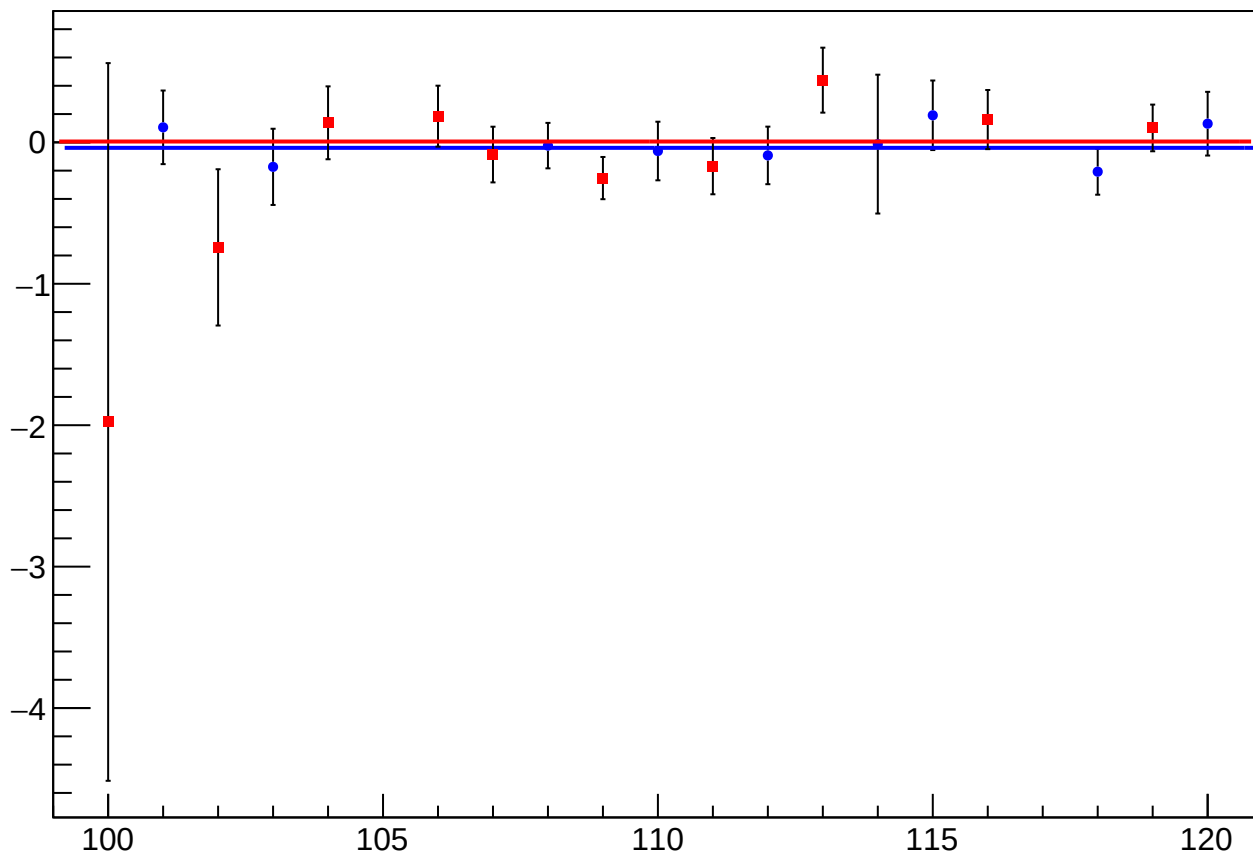
Right: 0.000+/-0.000 χ^2/NDF : 1375985.3/18

In: 0.000+/-0.000 χ^2/NDF : 332856.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1375985.3/18

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.039 ± 0.072 χ^2/NDF : 3.2/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.006 ± 0.068 χ^2/NDF : 11.8/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

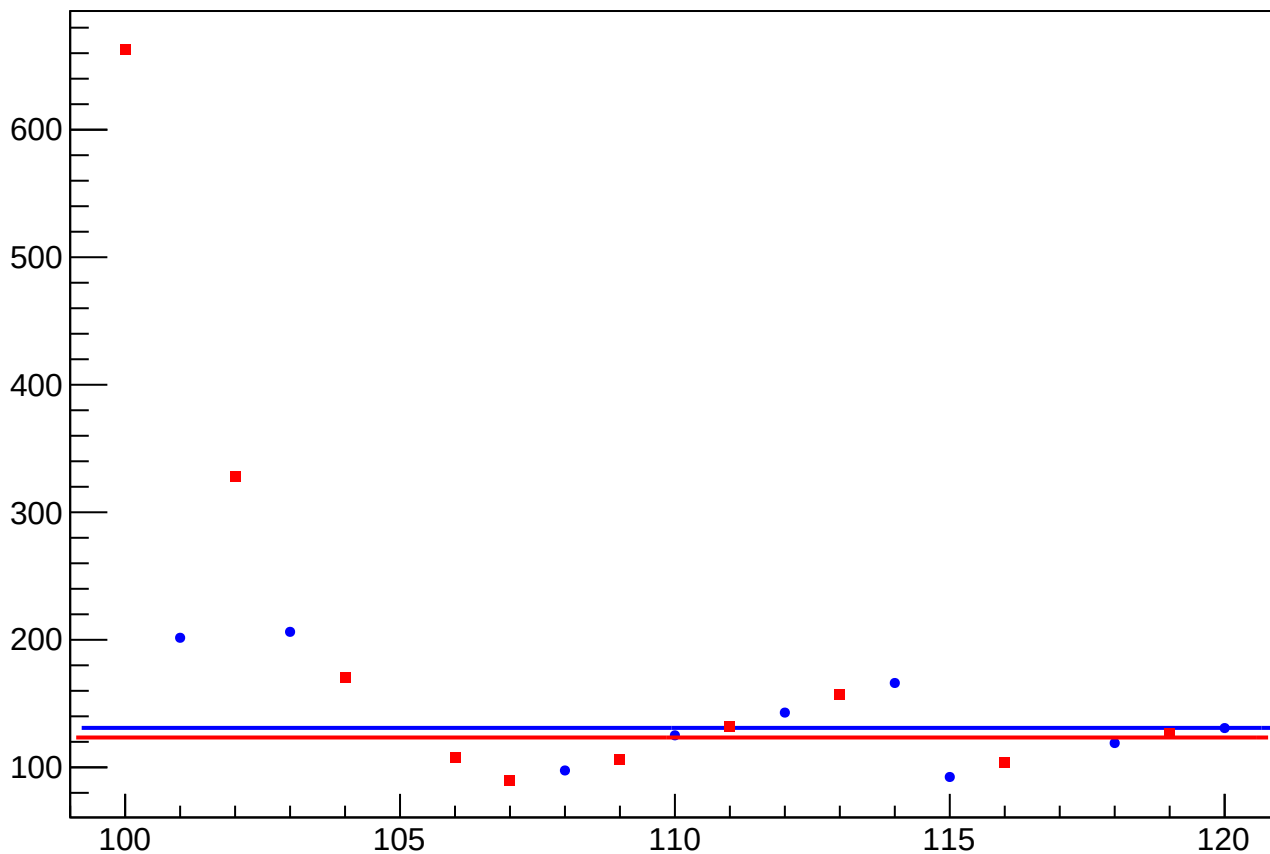
Right: -0.015 ± 0.050 χ^2/NDF : 15.2/18

In: -0.039 ± 0.072 χ^2/NDF : 3.2/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.015 ± 0.050 χ^2/NDF : 15.2/18

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.936+/-0.051 χ^2/NDF : 468617.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.400+/-0.048 χ^2/NDF : 592734.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

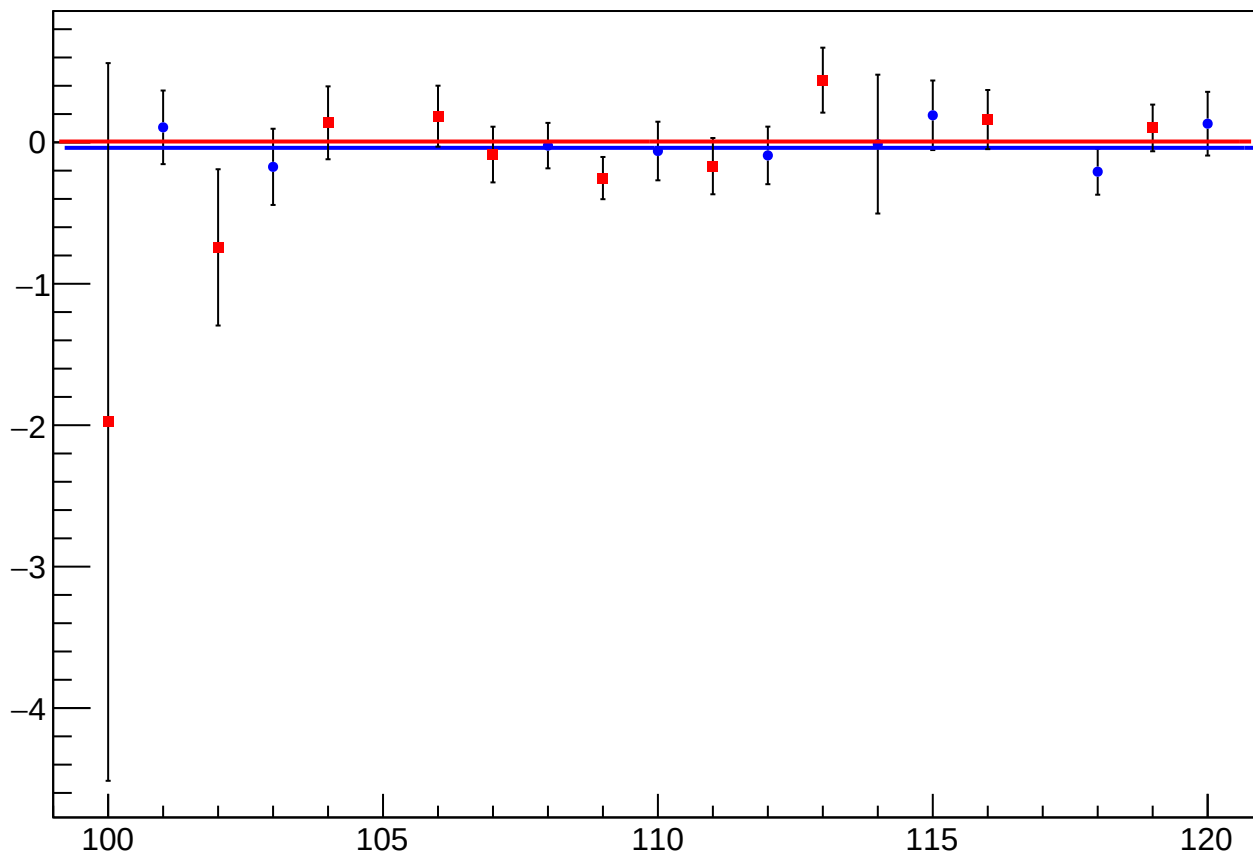
Right: 126.968+/-0.035 χ^2/NDF : 1072884.6/18

In: 130.936+/-0.051 χ^2/NDF : 468617.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.968+/-0.035 χ^2/NDF : 1072884.6/18

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.039 ± 0.072 $\chi^2/\text{NDF}: 3.2/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.006 ± 0.068 $\chi^2/\text{NDF}: 11.8/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

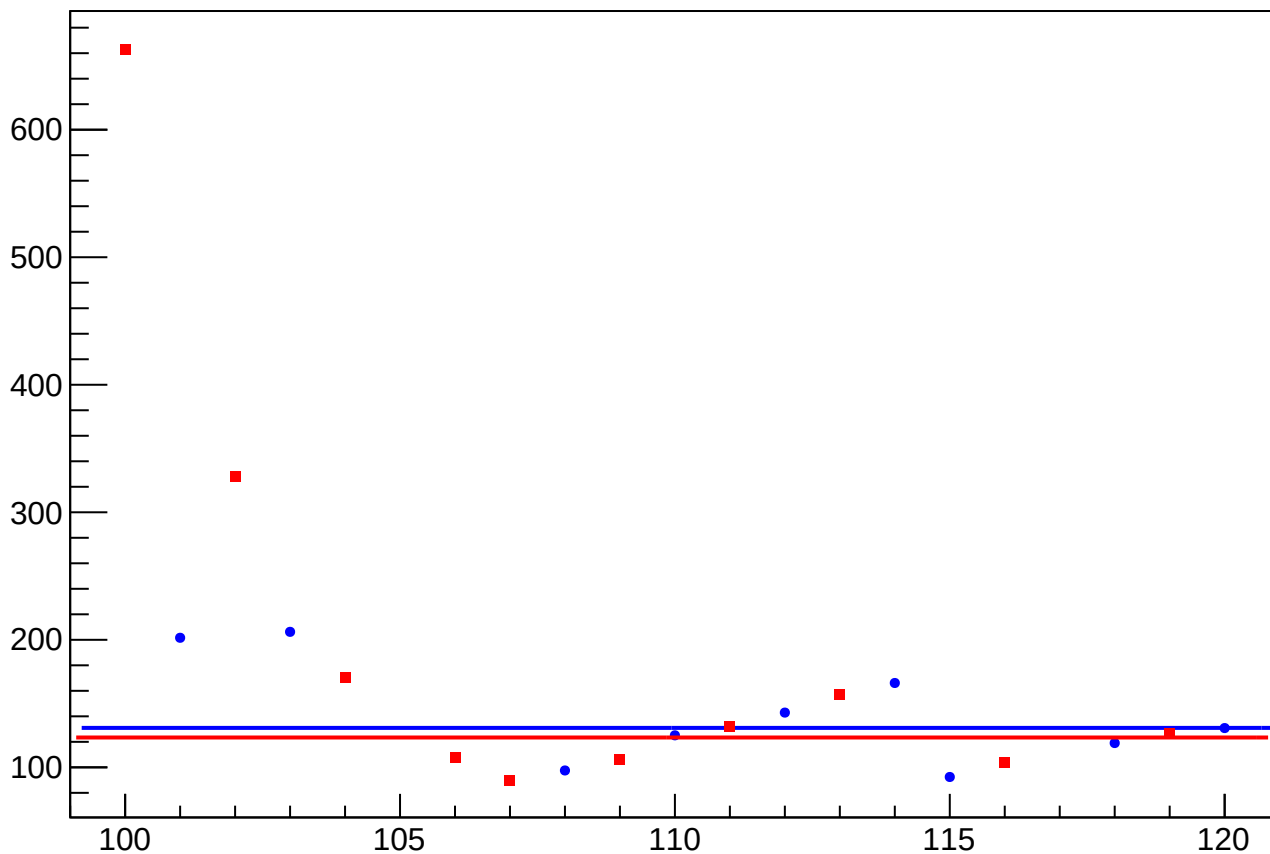
Right: -0.015 ± 0.050 $\chi^2/\text{NDF}: 15.2/18$

In: -0.039 ± 0.072 $\chi^2/\text{NDF}: 3.2/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.015 ± 0.050 $\chi^2/\text{NDF}: 15.2/18$

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.936+/-0.051 χ^2/NDF : 468617.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.400+/-0.048 χ^2/NDF : 592734.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

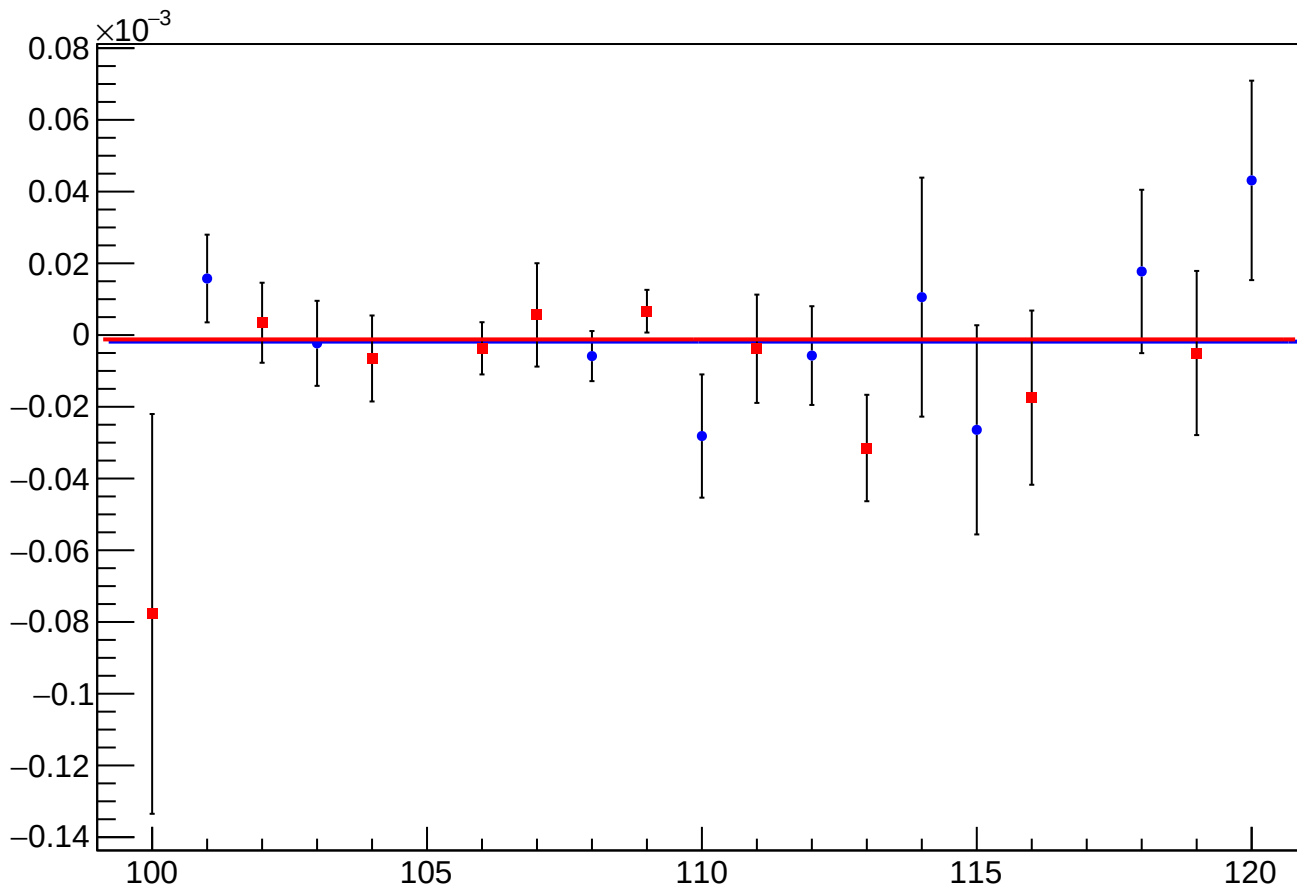
Right: 126.968+/-0.035 χ^2/NDF : 1072884.6/18

In: 130.936+/-0.051 χ^2/NDF : 468617.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.968+/-0.035 χ^2/NDF : 1072884.6/18

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 : 9.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

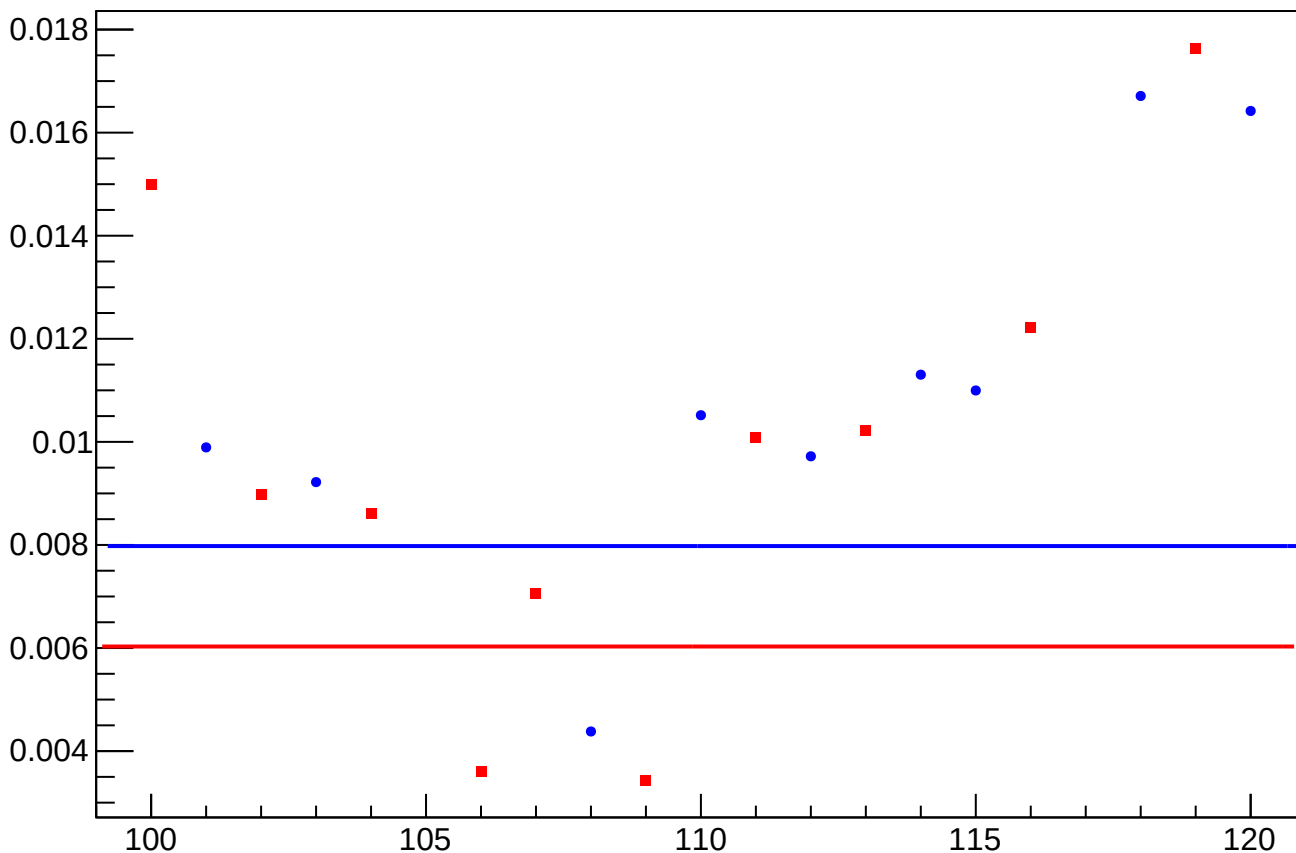
Right: -0.000+/-0.000 χ^2/NDF : 18.1/18

In: -0.000+/-0.000 χ^2/NDF :9.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.1/18

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 1197031.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1845685.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

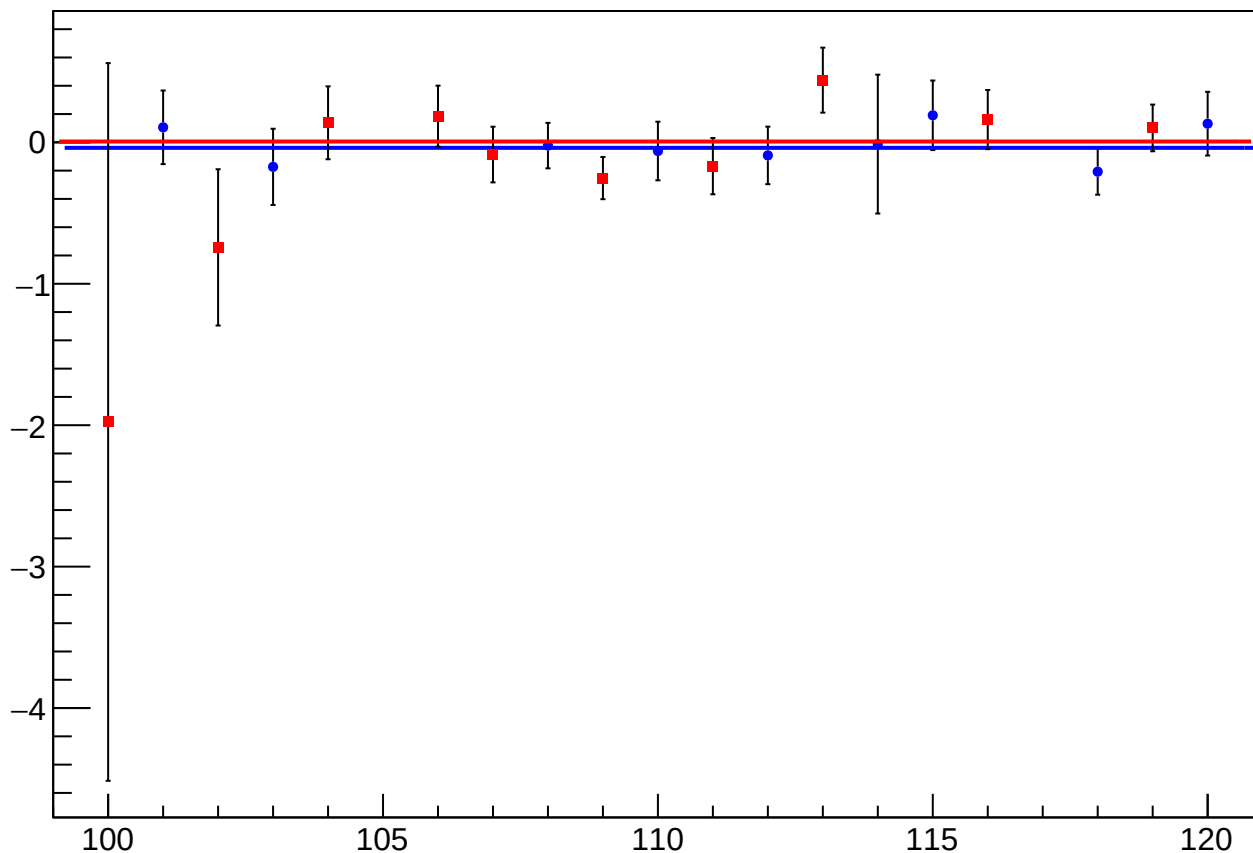
Right: 0.007+/-0.000 χ^2/NDF : 3271119.4/18

In: 0.008+/-0.000 χ^2/NDF :1197031.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 3271119.4/18

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.039+/-0.072 χ^2/NDF : 3.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.068 χ^2/NDF : 11.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

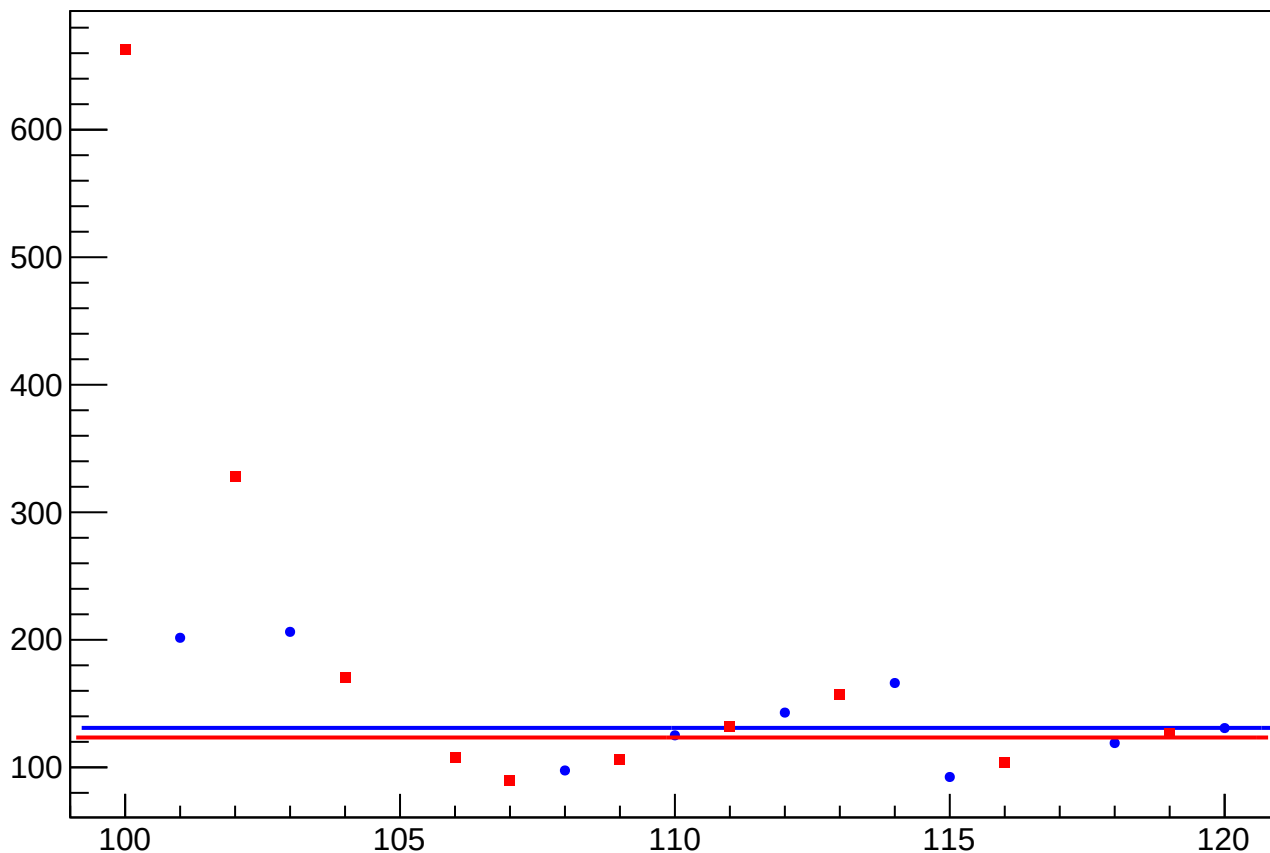
Right: -0.015+/-0.050 χ^2/NDF : 15.2/18

In: -0.039+/-0.072 χ^2/NDF :3.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.015+/-0.050 χ^2/NDF : 15.2/18

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.936+/-0.051 χ^2/NDF : 468585.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.403+/-0.048 χ^2/NDF : 592687.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

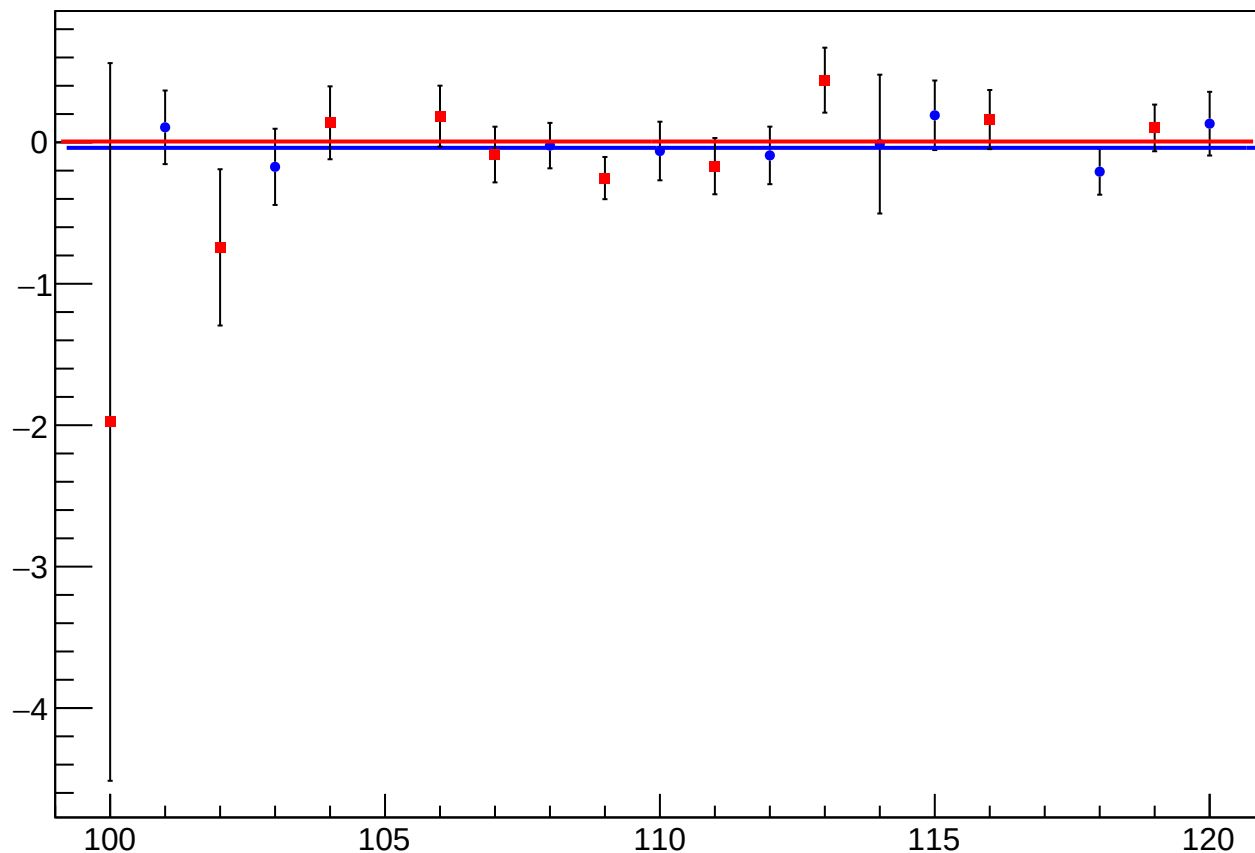
Right: 126.969+/-0.035 χ^2/NDF : 1072799.5/18

In: 130.936+/-0.051 χ^2/NDF : 468585.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.969+/-0.035 χ^2/NDF : 1072799.5/18

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.039+/-0.072 χ^2 /NDF: 3.2/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.006+/-0.068 χ^2 /NDF: 11.8/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

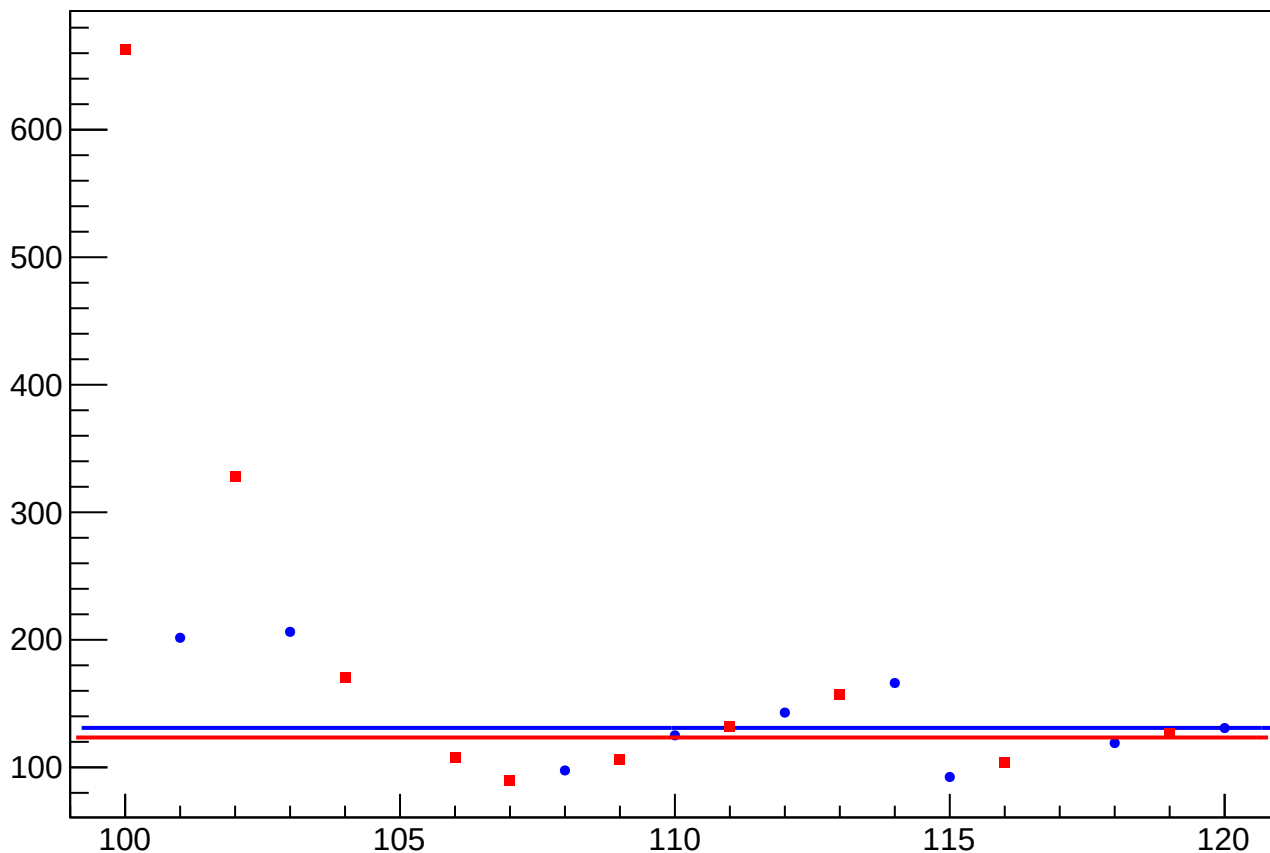
Right: -0.015+/-0.050 χ^2 /NDF: 15.2/18

In: -0.039+/-0.072 χ^2 /NDF:3.2/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.015+/-0.050 χ^2 /NDF: 15.2/18

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.936+/-0.051 χ^2/NDF : 468585.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 123.403+/-0.048 χ^2/NDF : 592687.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

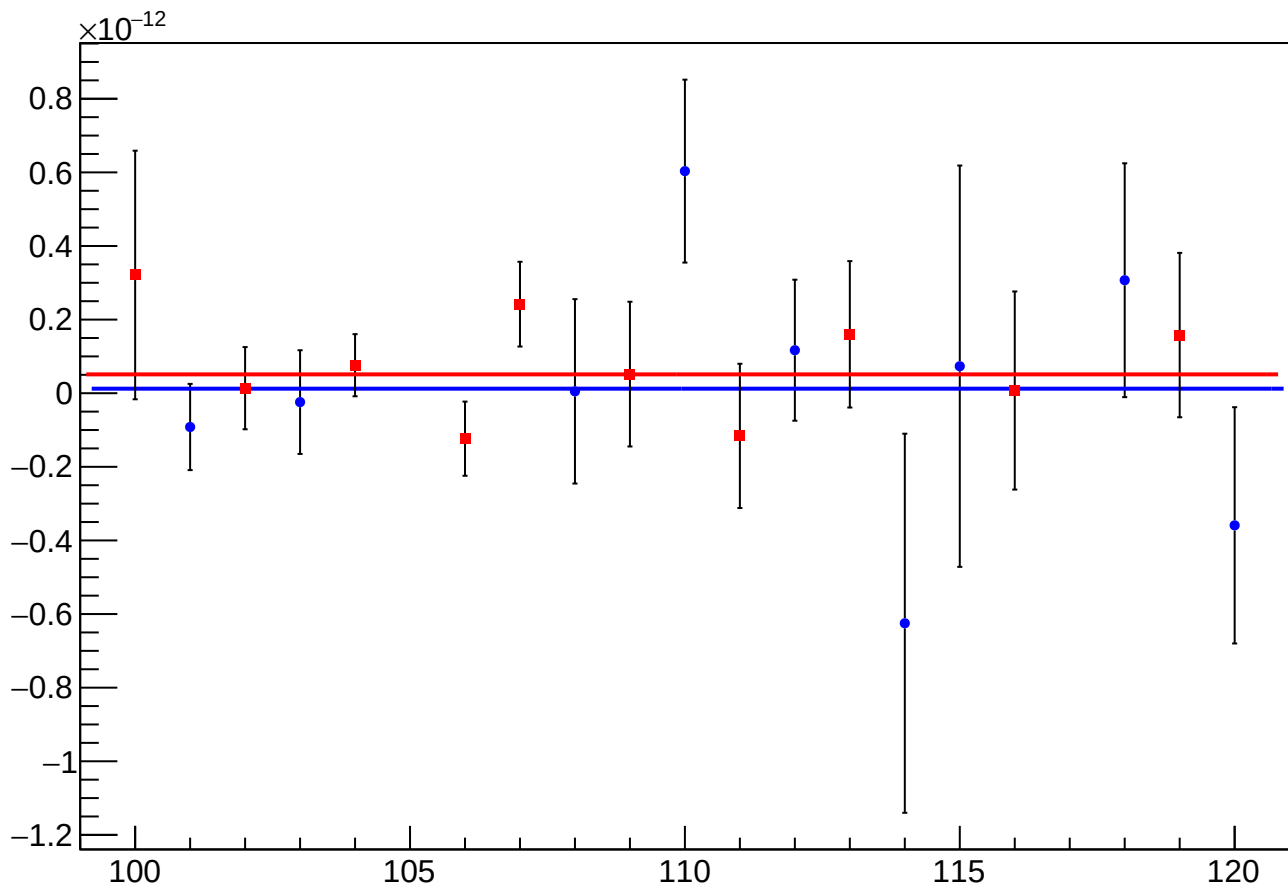
Right: 126.969+/-0.035 χ^2/NDF : 1072799.5/18

In: 130.936+/-0.051 χ^2/NDF :468585.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 126.969+/-0.035 χ^2/NDF : 1072799.5/18

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 : 10.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

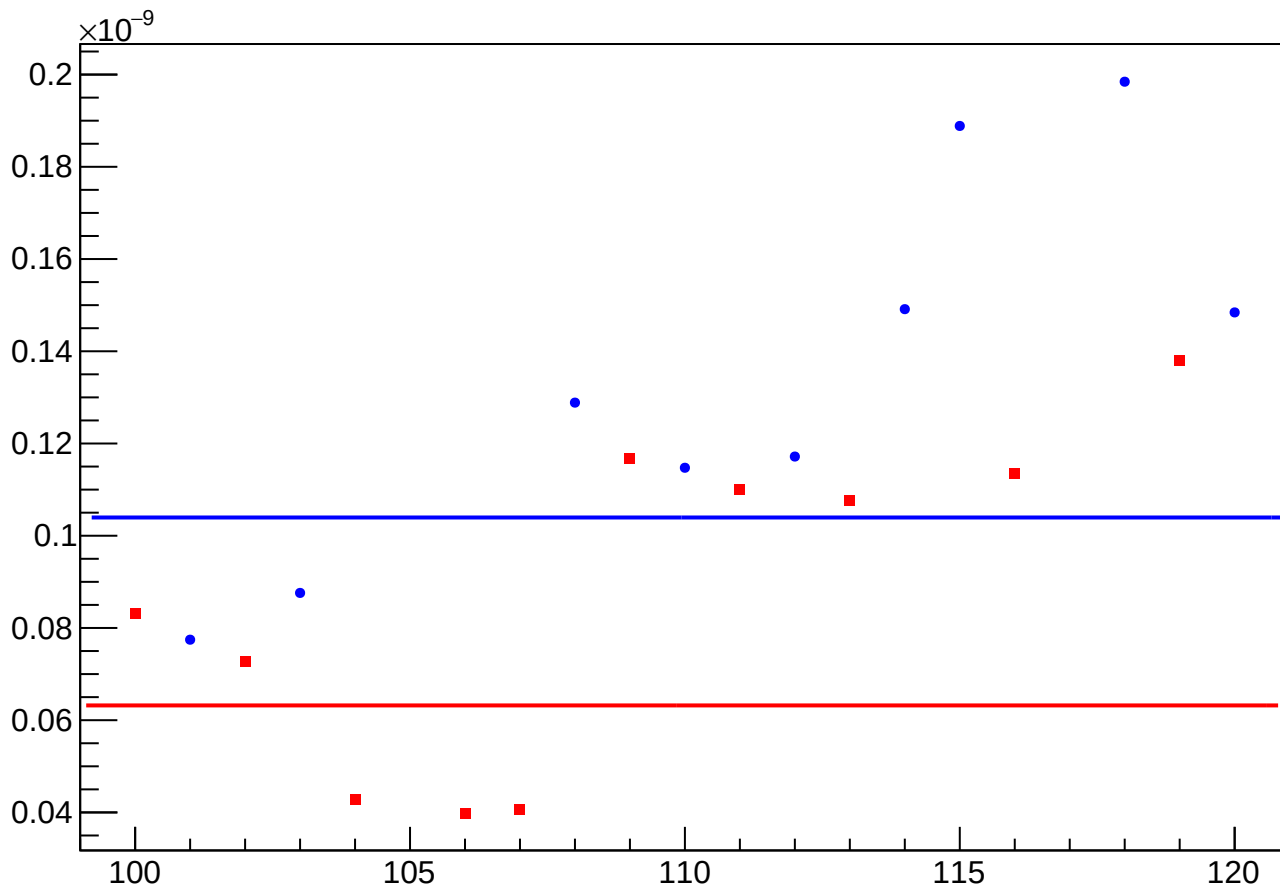
Right: 0.000+/-0.000 χ^2/NDF : 18.7/18

In: 0.000+/-0.000 χ^2/NDF : 10.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.7/18

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 : 441662.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 979192.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

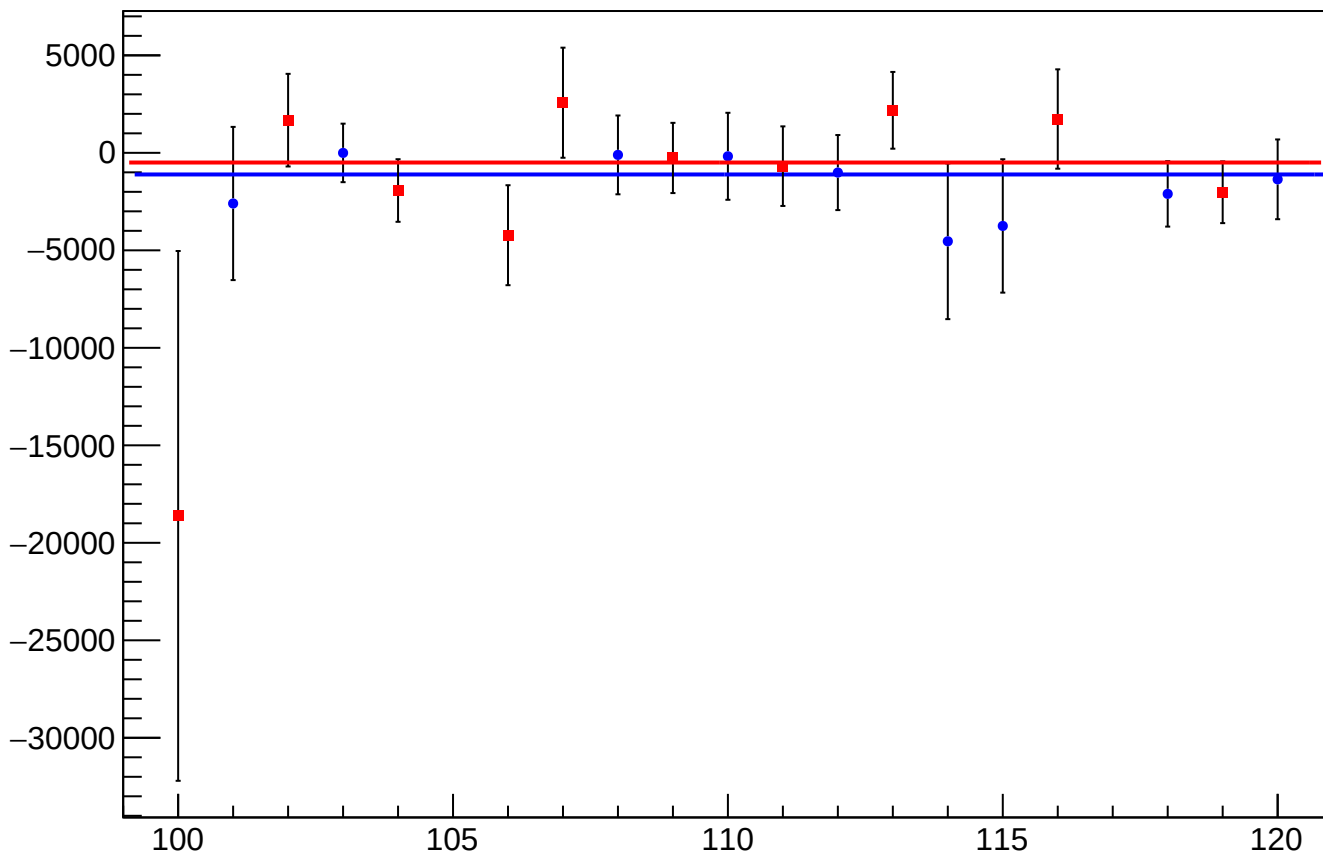
Right: 0.000+/-0.000 χ^2/NDF : 1915202.8/18

In: 0.000+/-0.000 χ^2/NDF :441662.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1915202.8/18

reg_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -1108.969+/-713.000 χ^2/NDF : 2.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -496.610+/-672.908 χ^2/NDF : 10.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

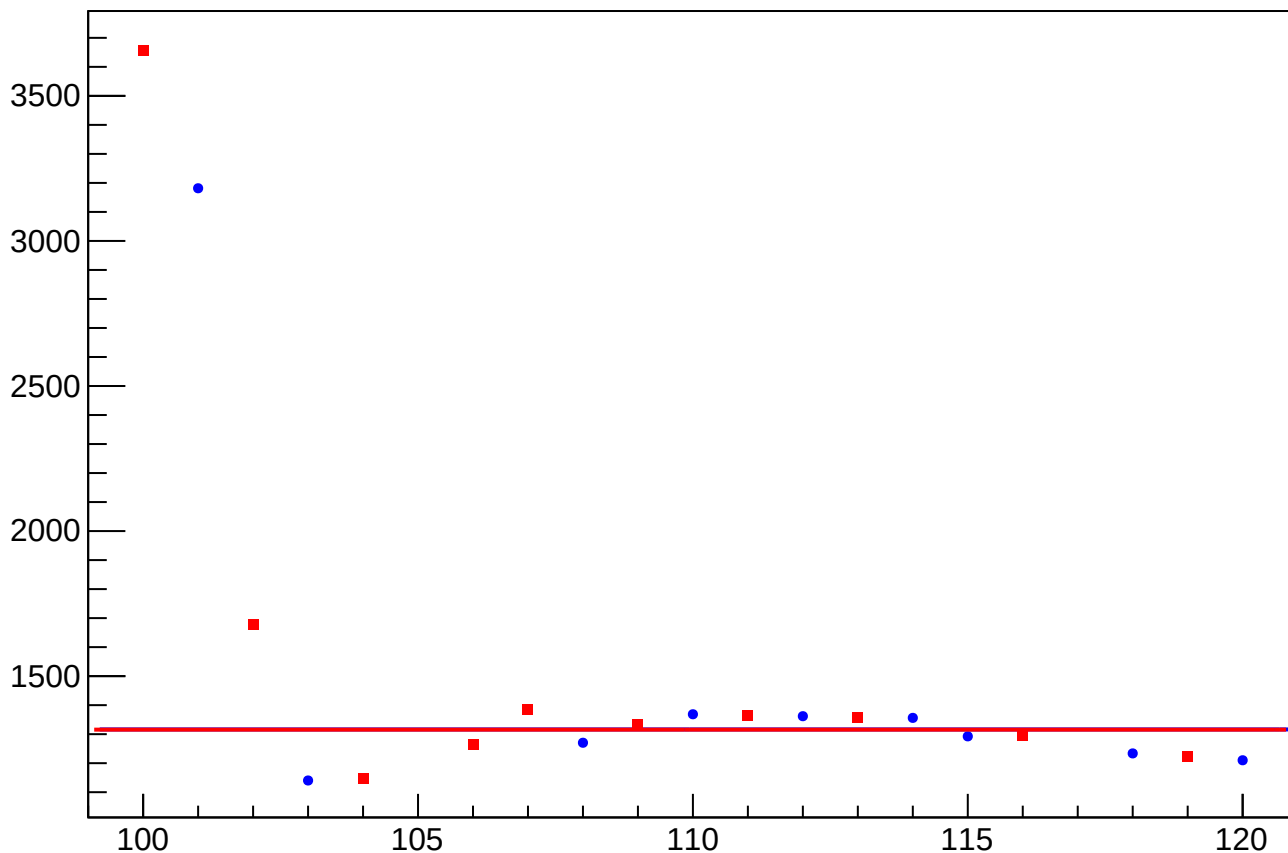
Right: -785.090+/-489.378 χ^2/NDF : 13.5/18

In: -1108.969+/-713.000 χ^2/NDF : 2.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -785.090+/-489.378 χ^2/NDF : 13.5/18

reg_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1316.312+/-0.504 χ^2/NDF : 492154.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1315.611+/-0.476 χ^2/NDF : 138635.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

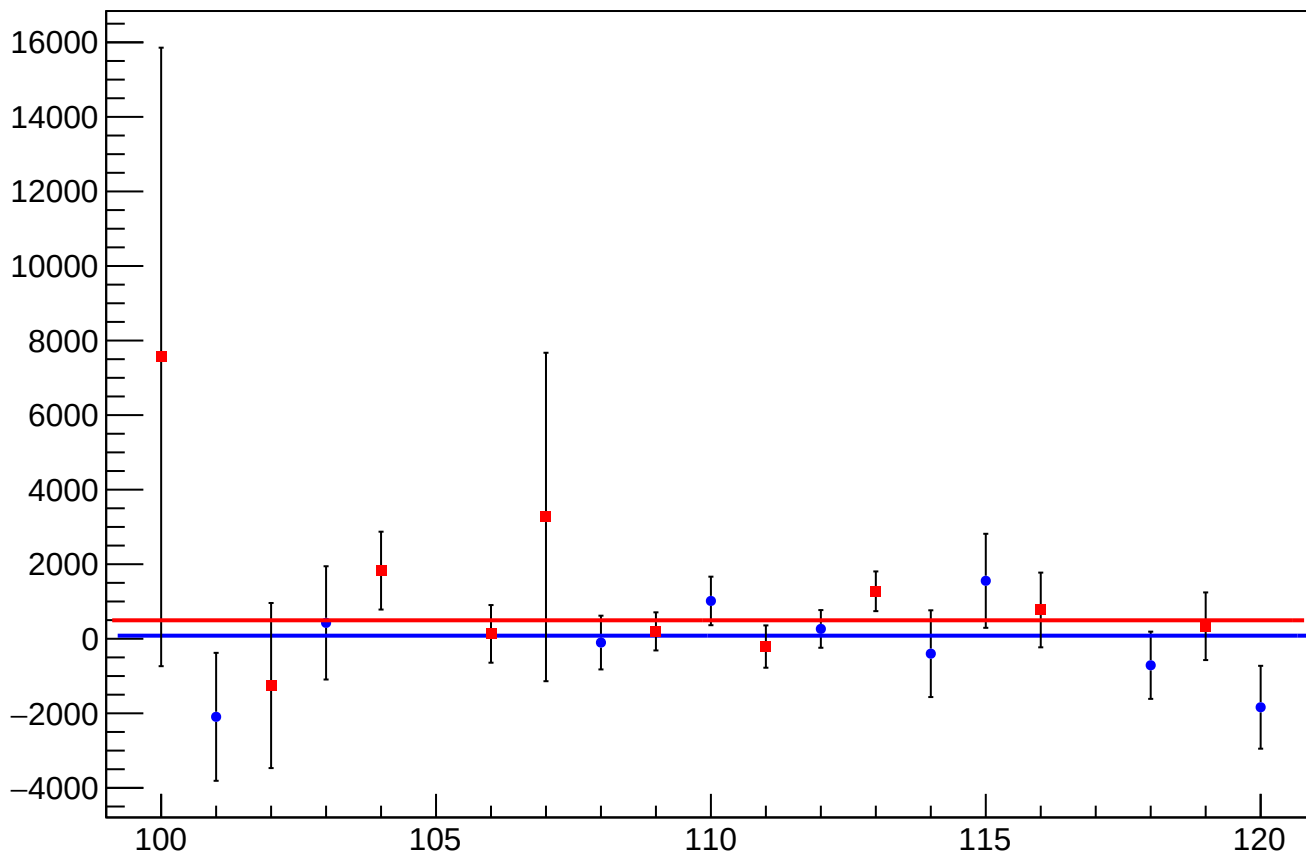
Right: 1315.941+/-0.346 χ^2/NDF : 630791.3/18

In: 1316.312+/-0.504 χ^2/NDF : 492154.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1315.941+/-0.346 χ^2/NDF : 630791.3/18

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 83.006+/-284.236 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 495.406+/-253.769 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

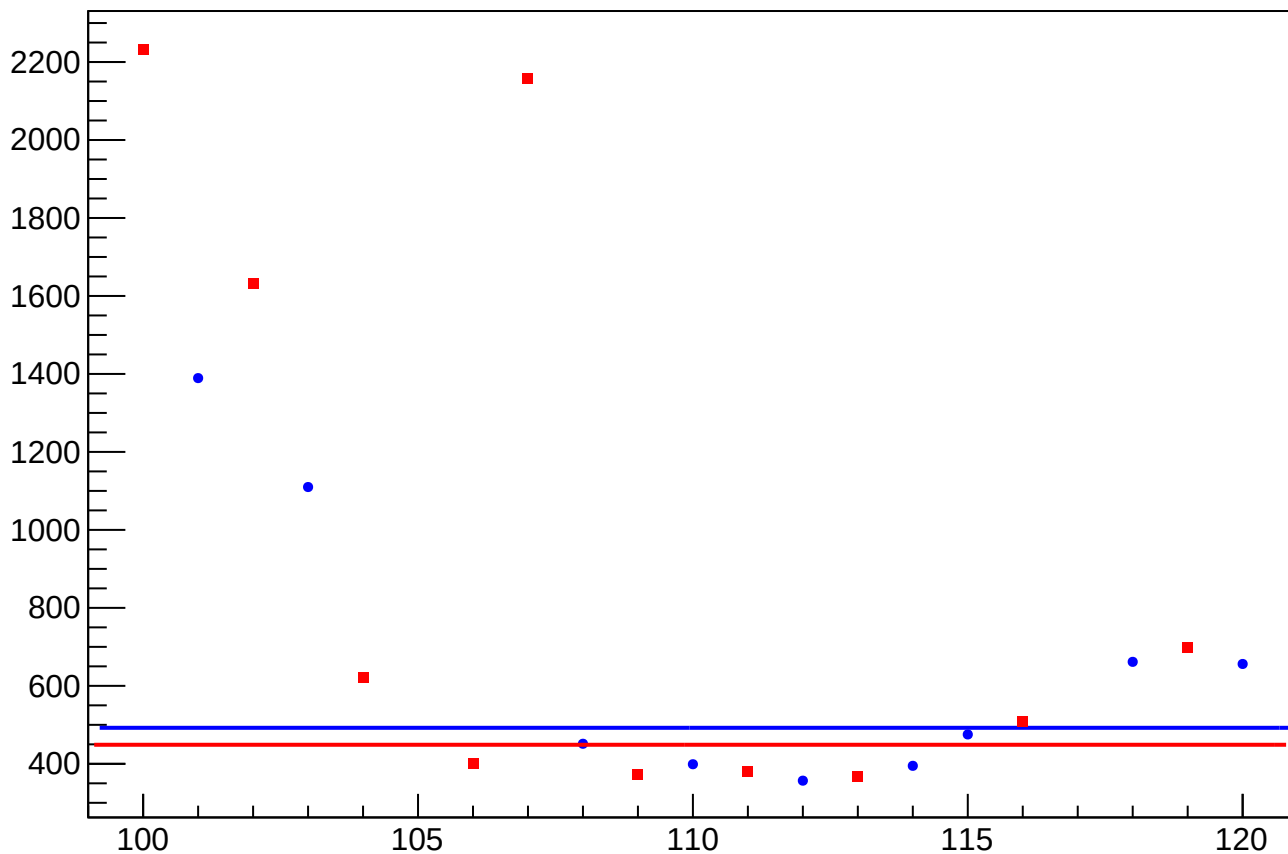
Right: 312.486+/-189.300 χ^2/NDF : 18.1/18

In: 83.006+/-284.236 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 312.486+/-189.300 χ^2/NDF : 18.1/18

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 492.405+/-0.201 χ^2/NDF : 1196471.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 448.890+/-0.179 χ^2/NDF : 1307299.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

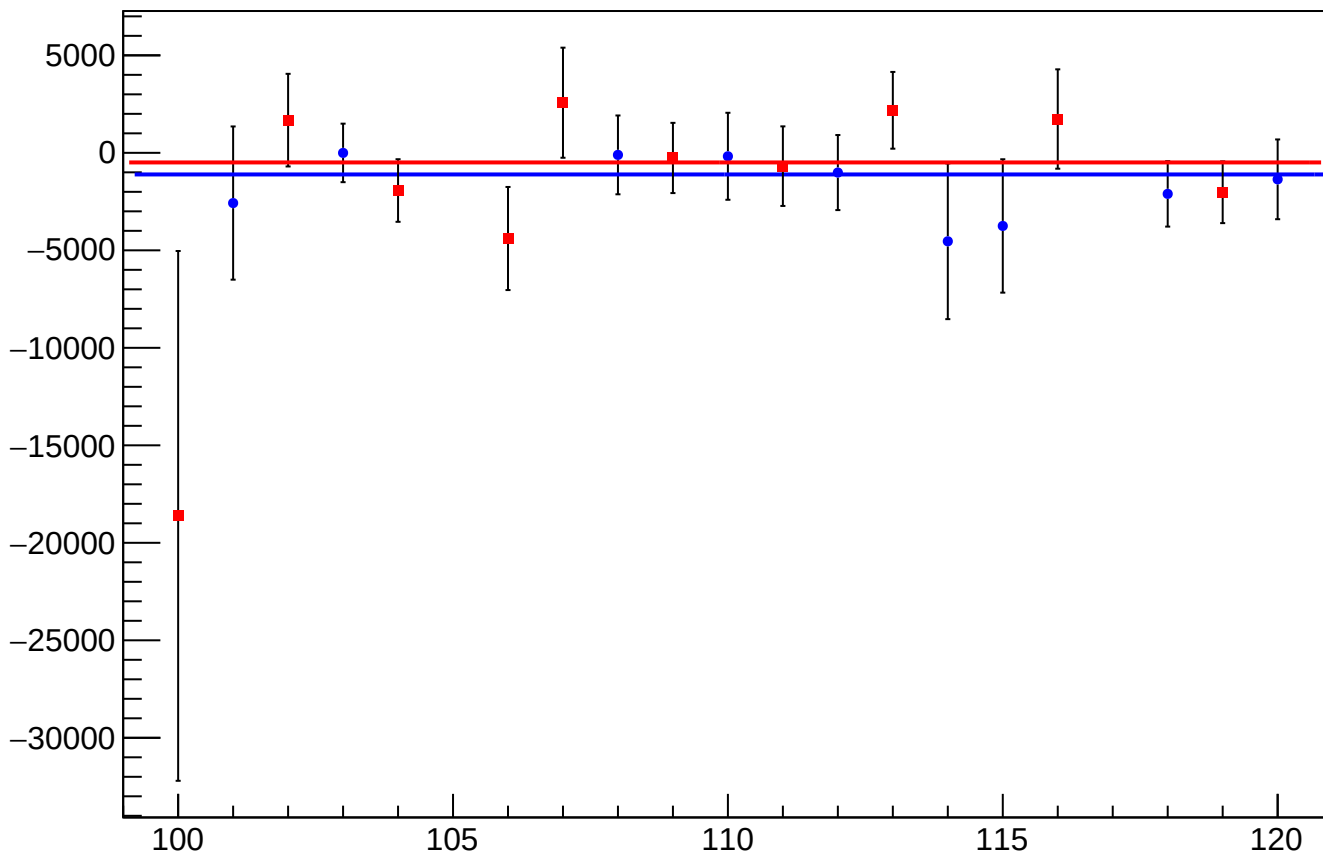
Right: 468.191+/-0.134 χ^2/NDF : 2529855.1/18

In: 492.405+/-0.201 χ^2/NDF : 1196471.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 468.191+/-0.134 χ^2/NDF : 2529855.1/18

cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -1108.183+/-713.000 χ^2/NDF : 2.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -492.259+/-674.299 χ^2/NDF : 10.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

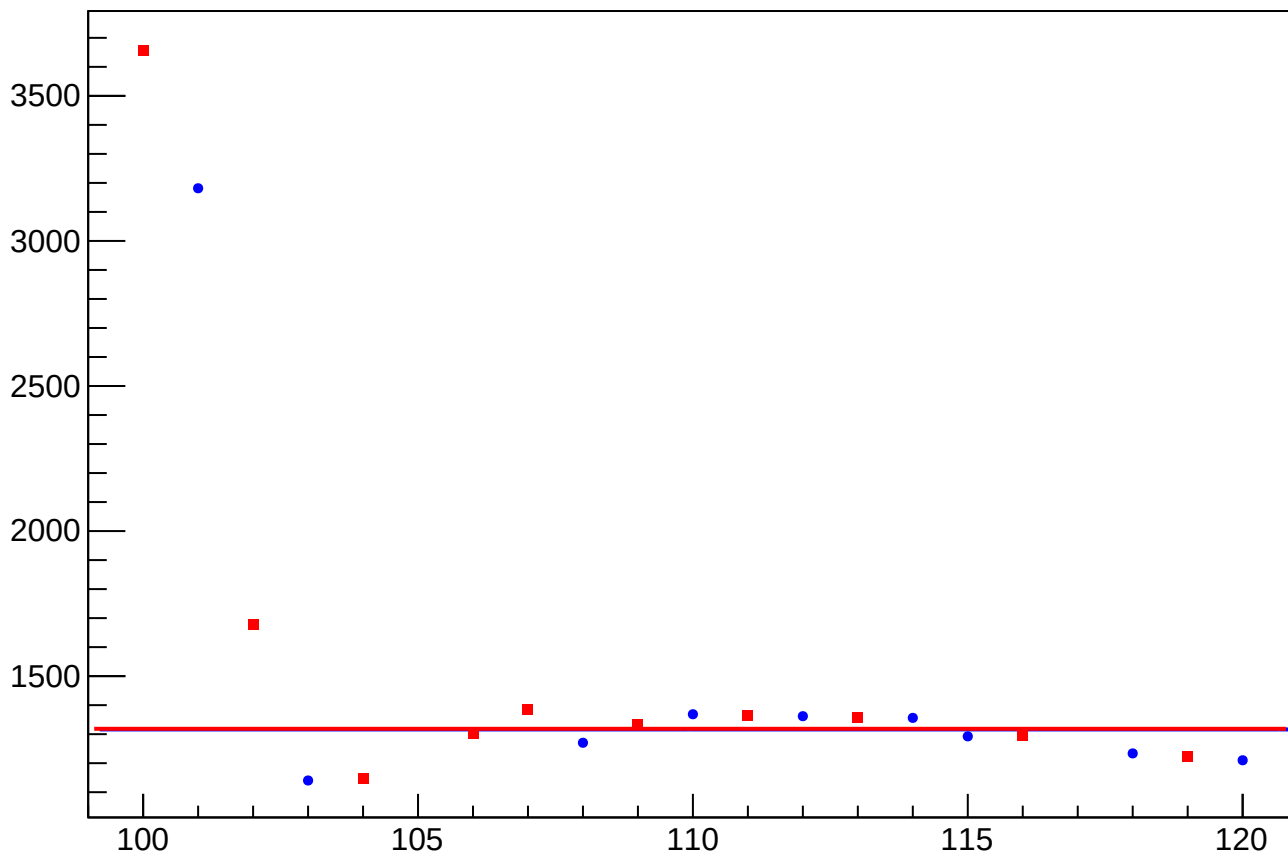
Right: -783.052+/-489.912 χ^2/NDF : 13.5/18

In: -1108.183+/-713.000 χ^2/NDF : 2.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -783.052+/-489.912 χ^2/NDF : 13.5/18

cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1316.311+/-0.504 χ^2/NDF : 492156.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1318.481+/-0.477 χ^2/NDF : 137799.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

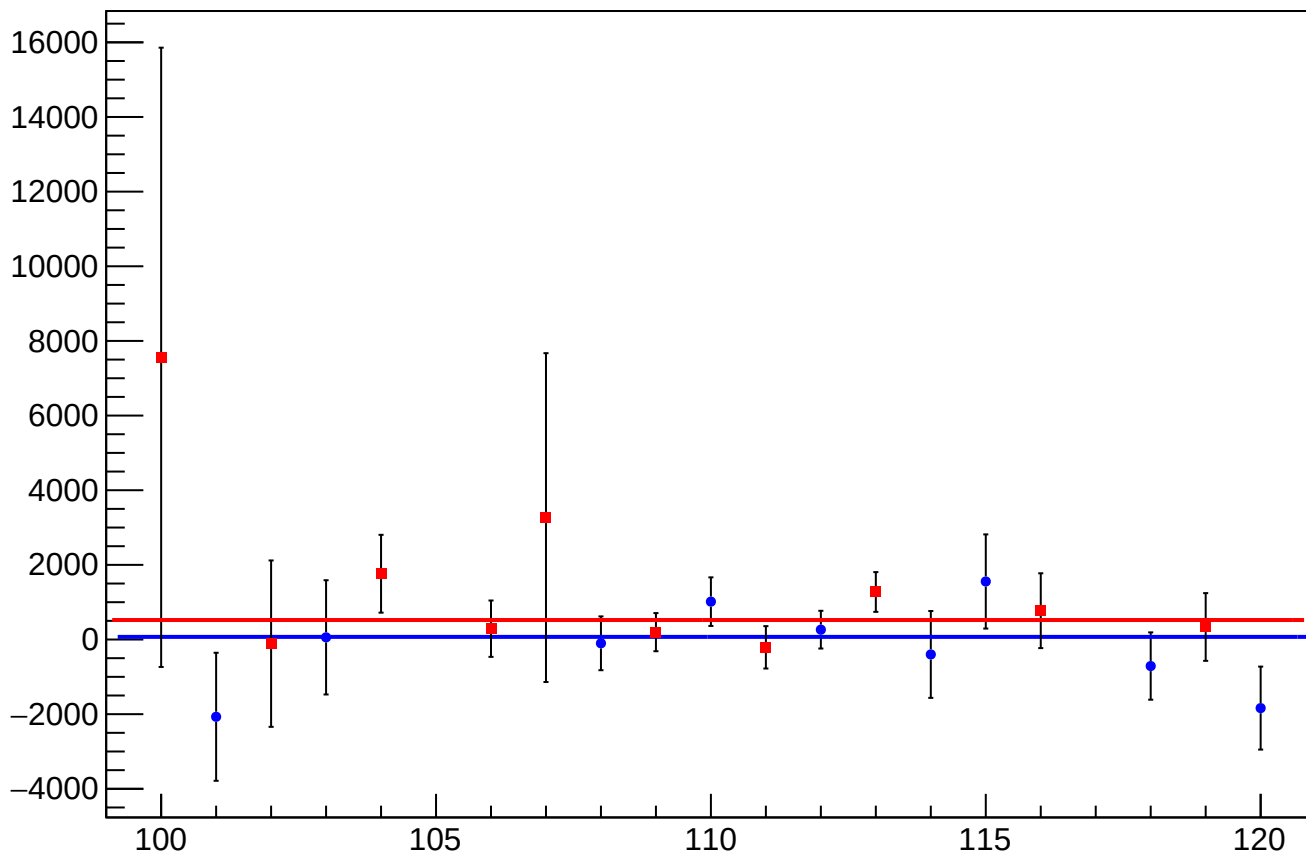
Right: 1317.457+/-0.346 χ^2/NDF : 629965.0/18

In: 1316.311+/-0.504 χ^2/NDF : 492156.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1317.457+/-0.346 χ^2/NDF : 629965.0/18

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 70.751+/-284.306 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 522.569+/-253.099 χ^2/NDF : 6.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

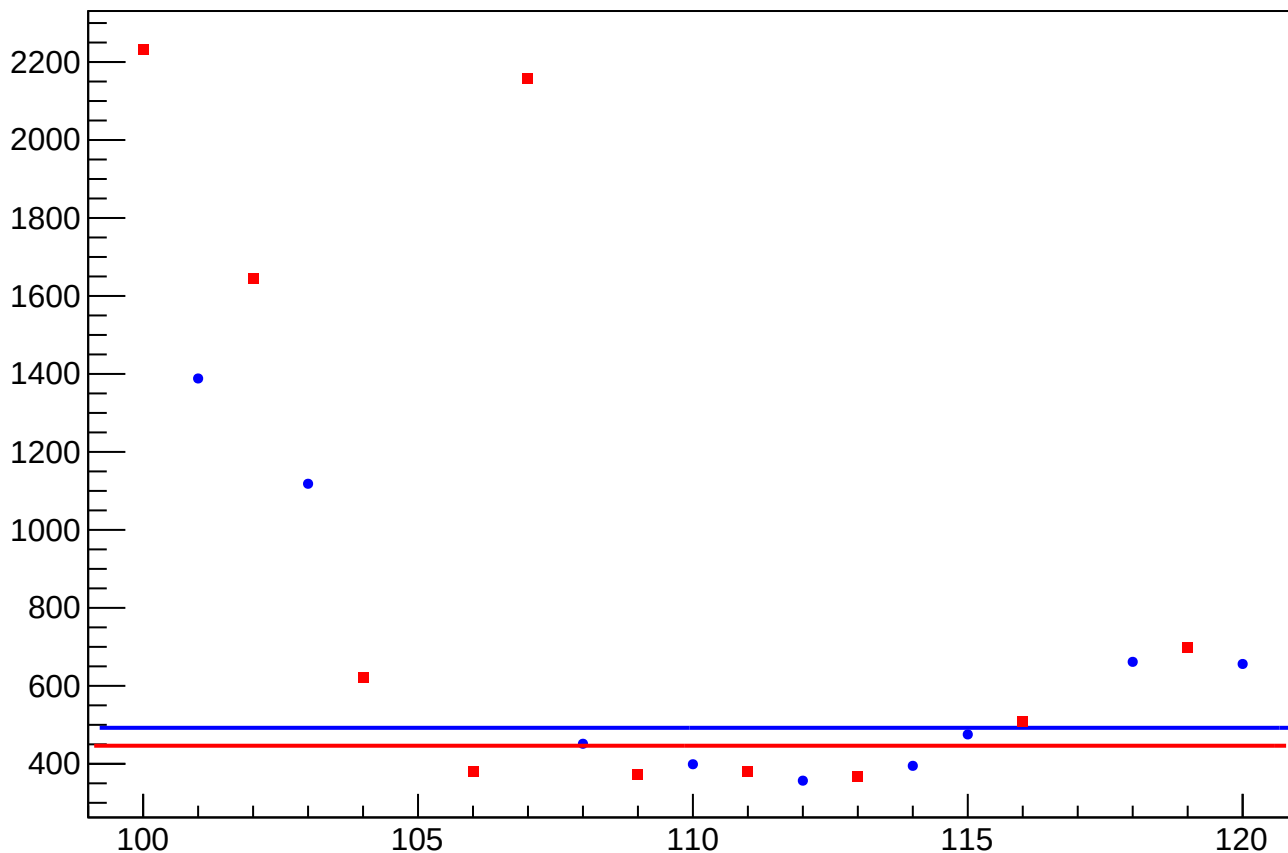
Right: 322.808+/-189.042 χ^2/NDF : 17.4/18

In: 70.751+/-284.306 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 322.808+/-189.042 χ^2/NDF : 17.4/18

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 492.389+/-0.201 χ^2/NDF : 1200123.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 446.427+/-0.179 χ^2/NDF : 1322258.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

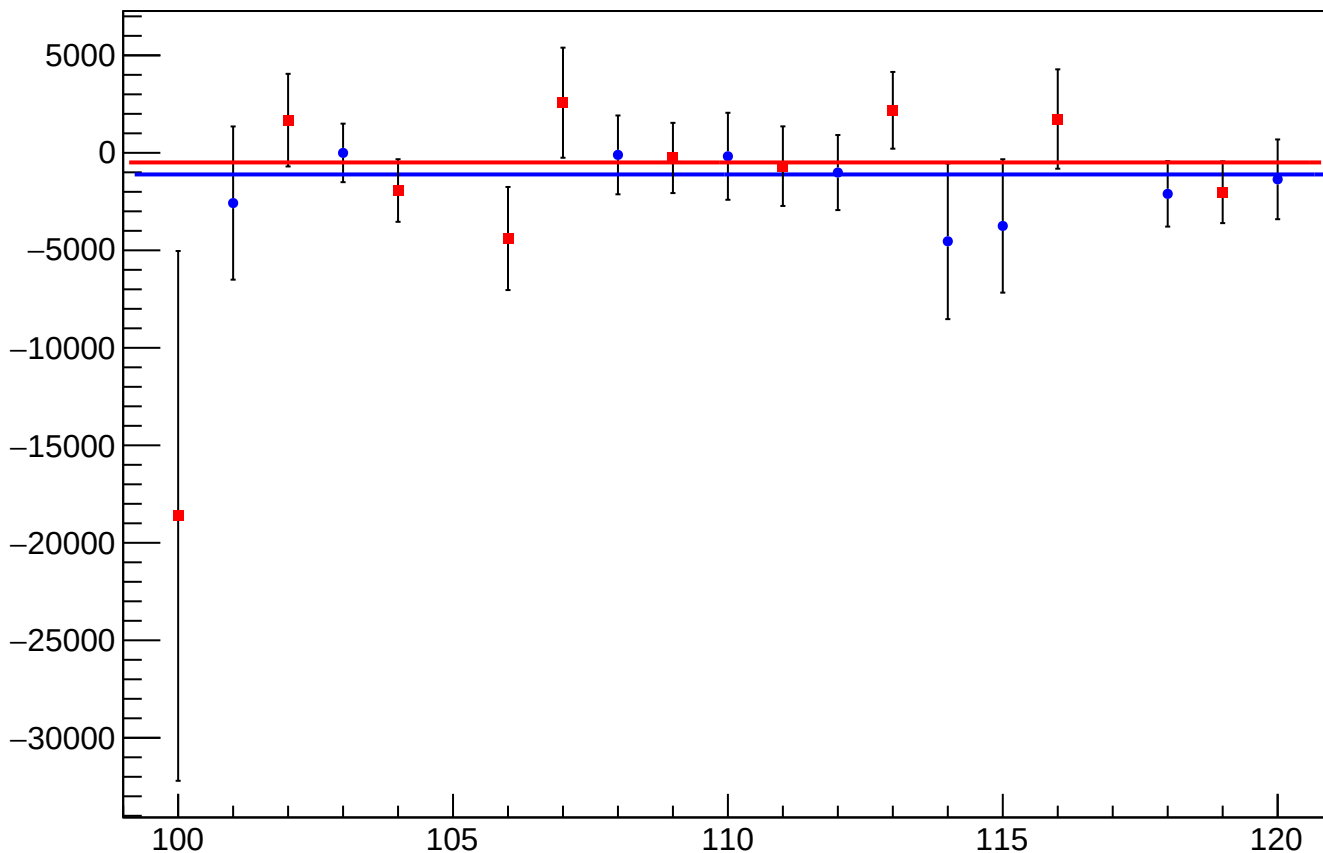
Right: 466.748+/-0.134 χ^2/NDF : 2551542.1/18

In: 492.389+/-0.201 χ^2/NDF : 1200123.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 466.748+/-0.134 χ^2/NDF : 2551542.1/18

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -1108.183+/-713.000 χ^2/NDF : 2.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -492.259+/-674.299 χ^2/NDF : 10.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

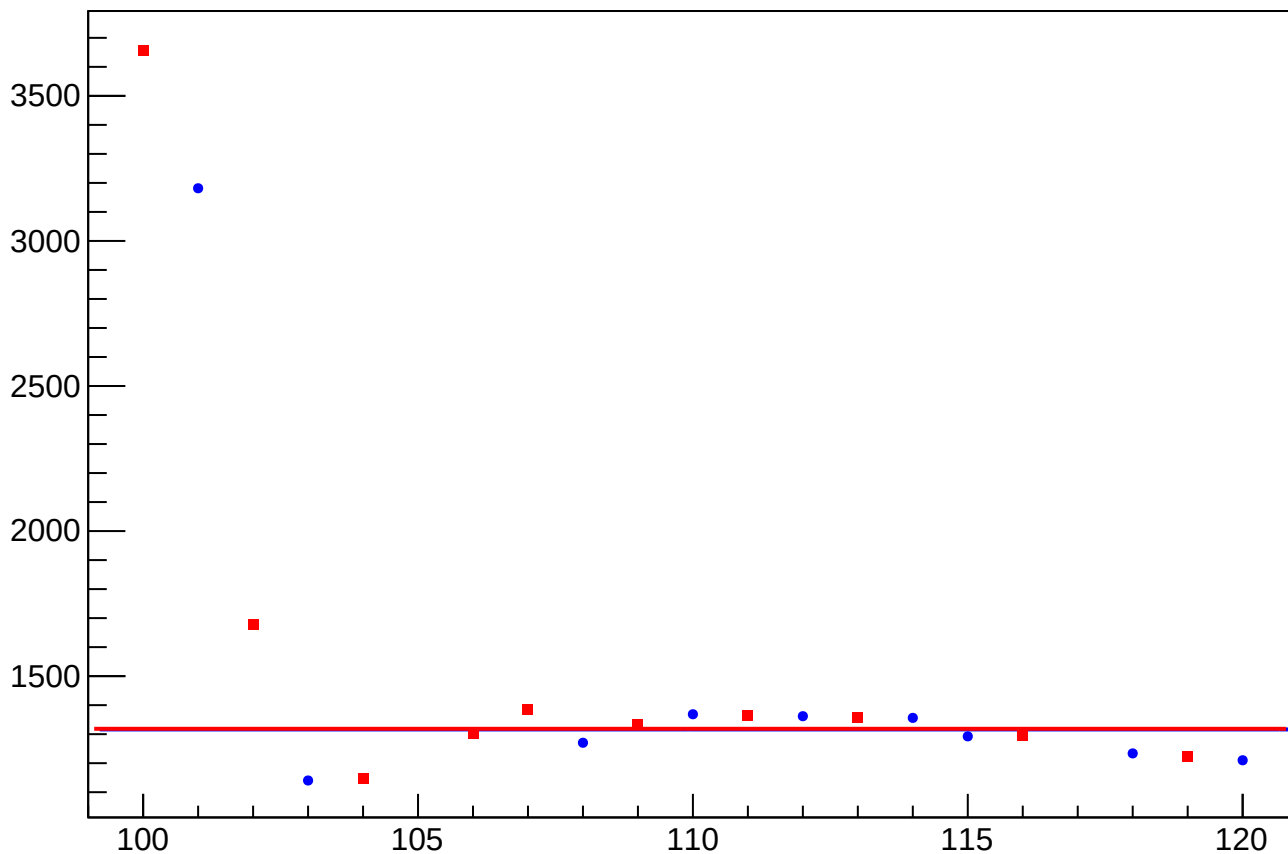
Right: -783.052+/-489.912 χ^2/NDF : 13.5/18

In: -1108.183+/-713.000 χ^2/NDF : 2.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -783.052+/-489.912 χ^2/NDF : 13.5/18

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1316.311+/-0.504 χ^2/NDF : 492156.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1318.481+/-0.477 χ^2/NDF : 137799.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

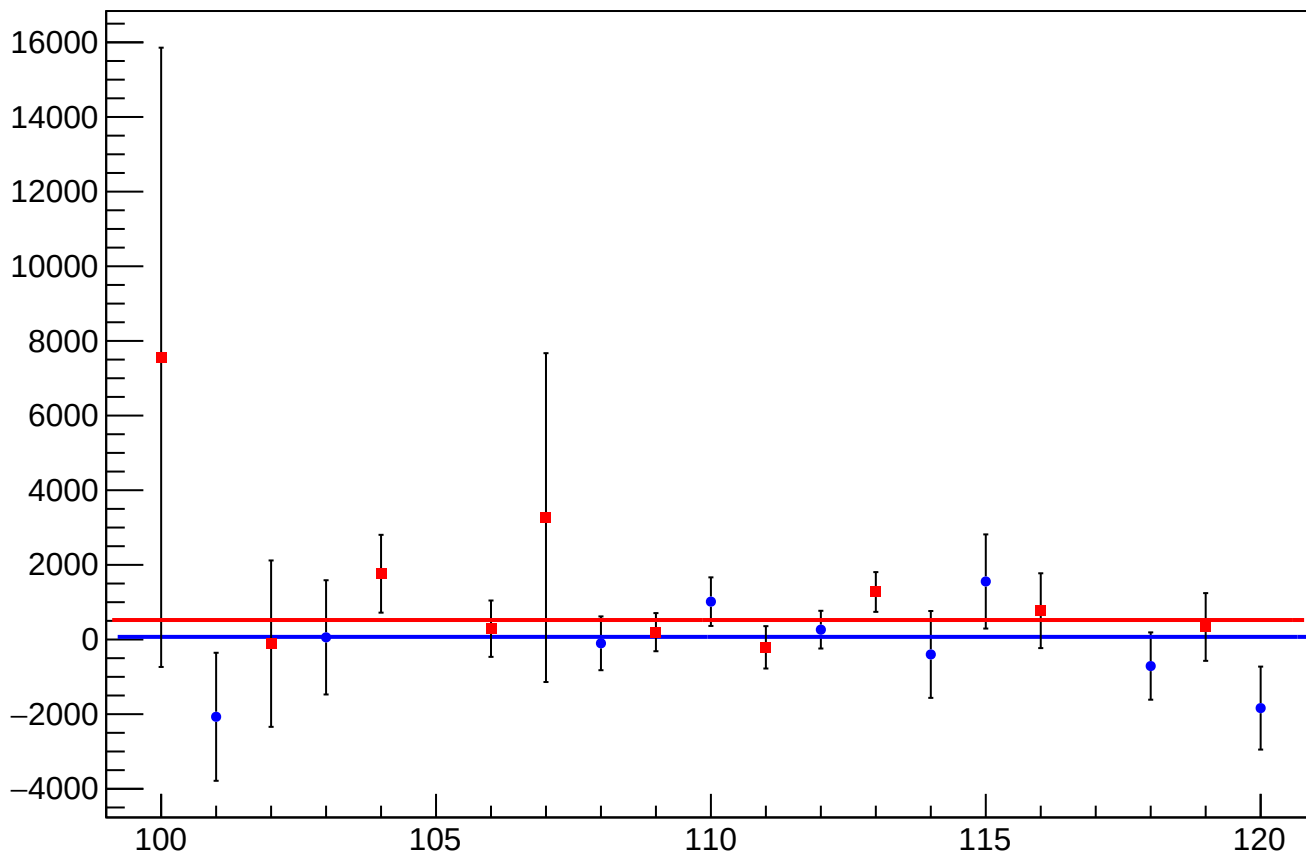
Right: 1317.457+/-0.346 χ^2/NDF : 629965.0/18

In: 1316.311+/-0.504 χ^2/NDF : 492156.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1317.457+/-0.346 χ^2/NDF : 629965.0/18

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 70.751+/-284.306 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 522.569+/-253.099 χ^2/NDF : 6.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

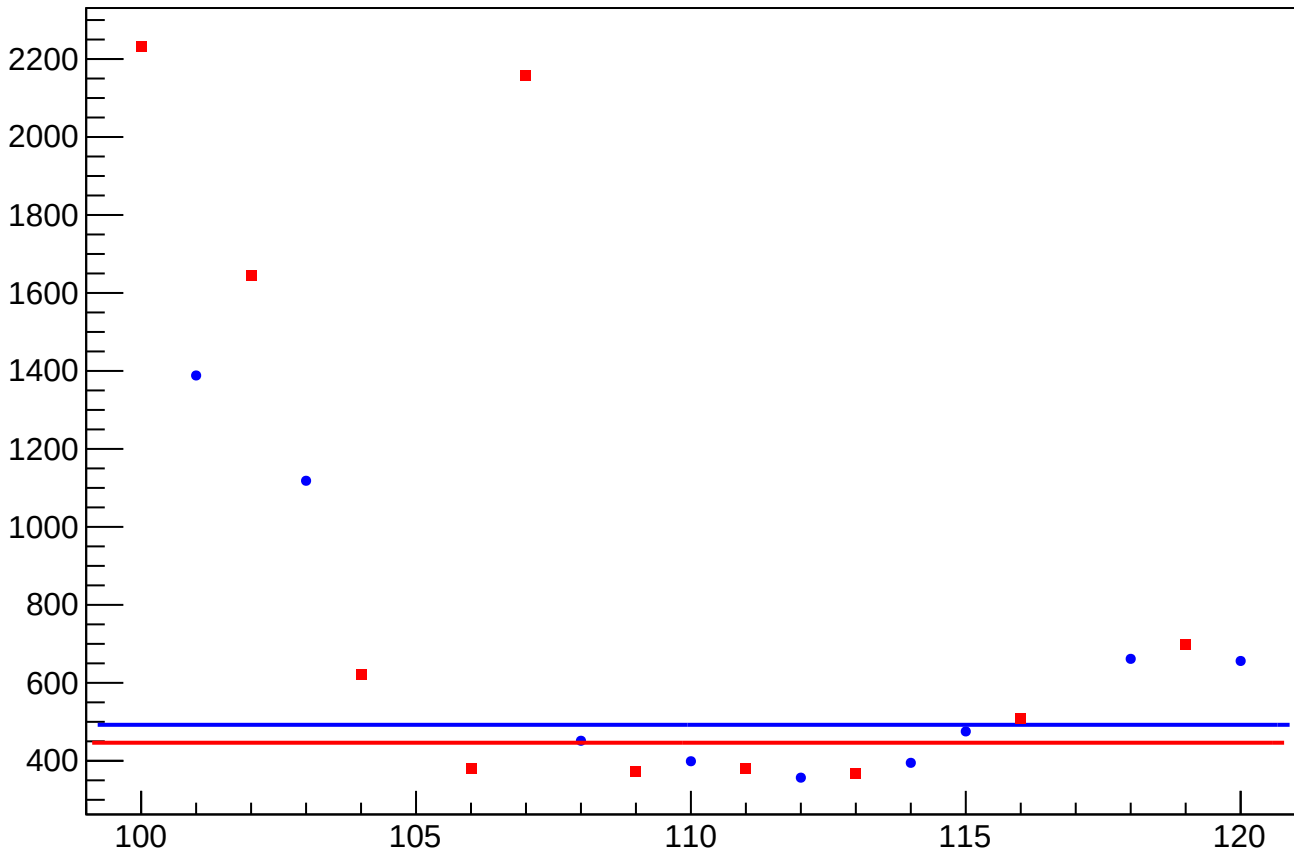
Right: 322.808+/-189.042 χ^2/NDF : 17.4/18

In: 70.751+/-284.306 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 322.808+/-189.042 χ^2/NDF : 17.4/18

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 492.389+/-0.201 χ^2/NDF : 1200123.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 446.427+/-0.179 χ^2/NDF : 1322258.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

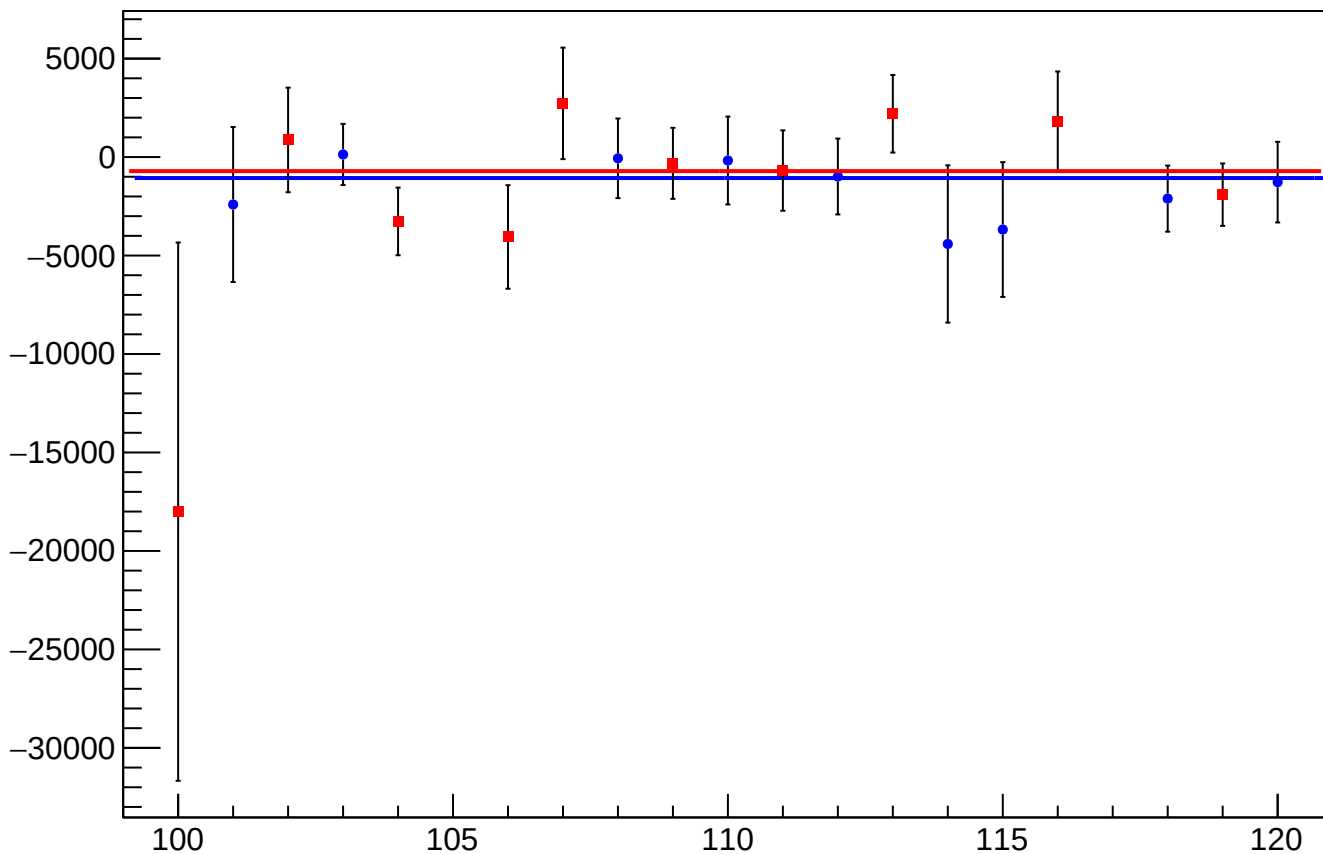
Right: 466.748+/-0.134 χ^2/NDF : 2551542.1/18

In: 492.389+/-0.201 χ^2/NDF : 1200123.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 466.748+/-0.134 χ^2/NDF : 2551542.1/18

dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -1064.390+/-718.777 χ^2/NDF : 2.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -712.913+/-687.821 χ^2/NDF : 11.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

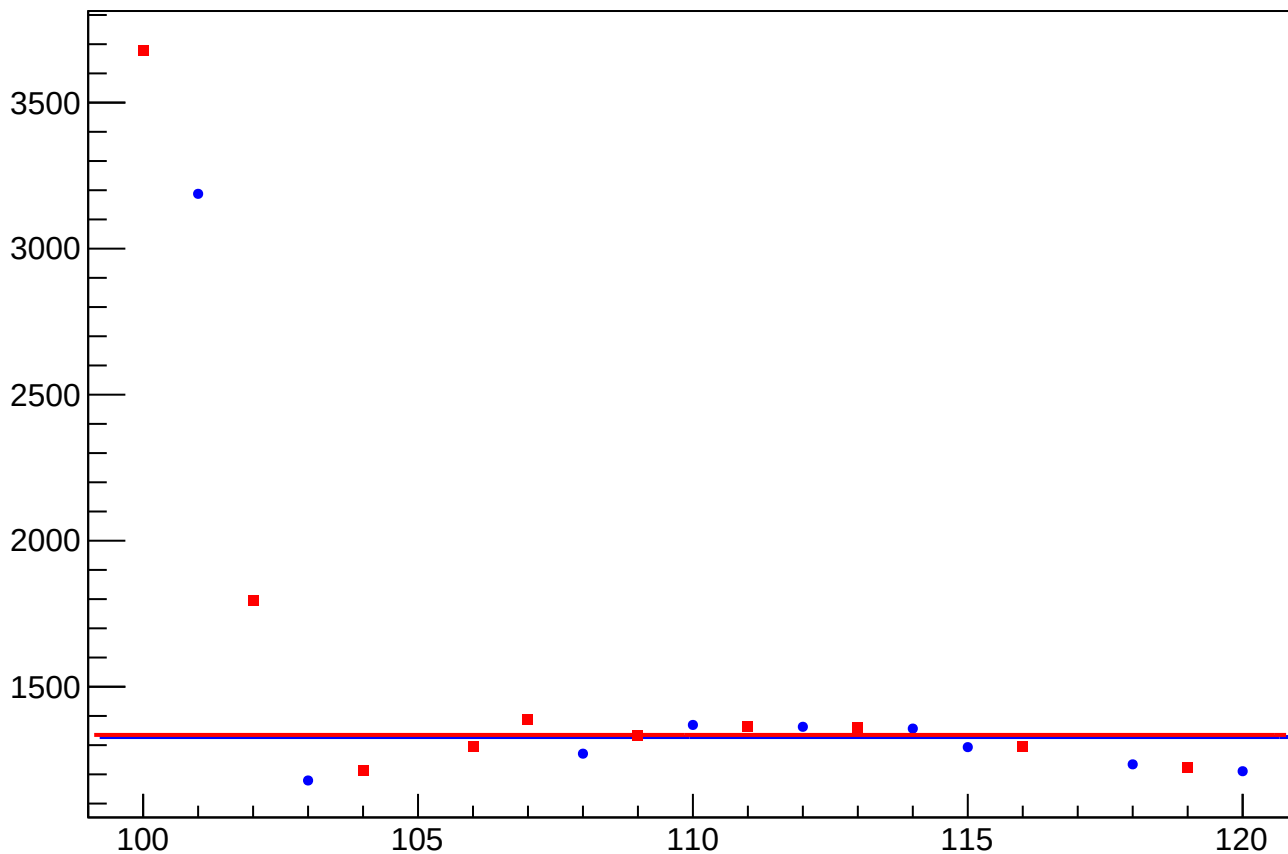
Right: -880.920+/-496.946 χ^2/NDF : 14.0/18

In: -1064.390+/-718.777 χ^2/NDF : 2.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -880.920+/-496.946 χ^2/NDF : 14.0/18

dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1327.794+/-0.508 χ^2/NDF : 480850.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1335.059+/-0.486 χ^2/NDF : 141156.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

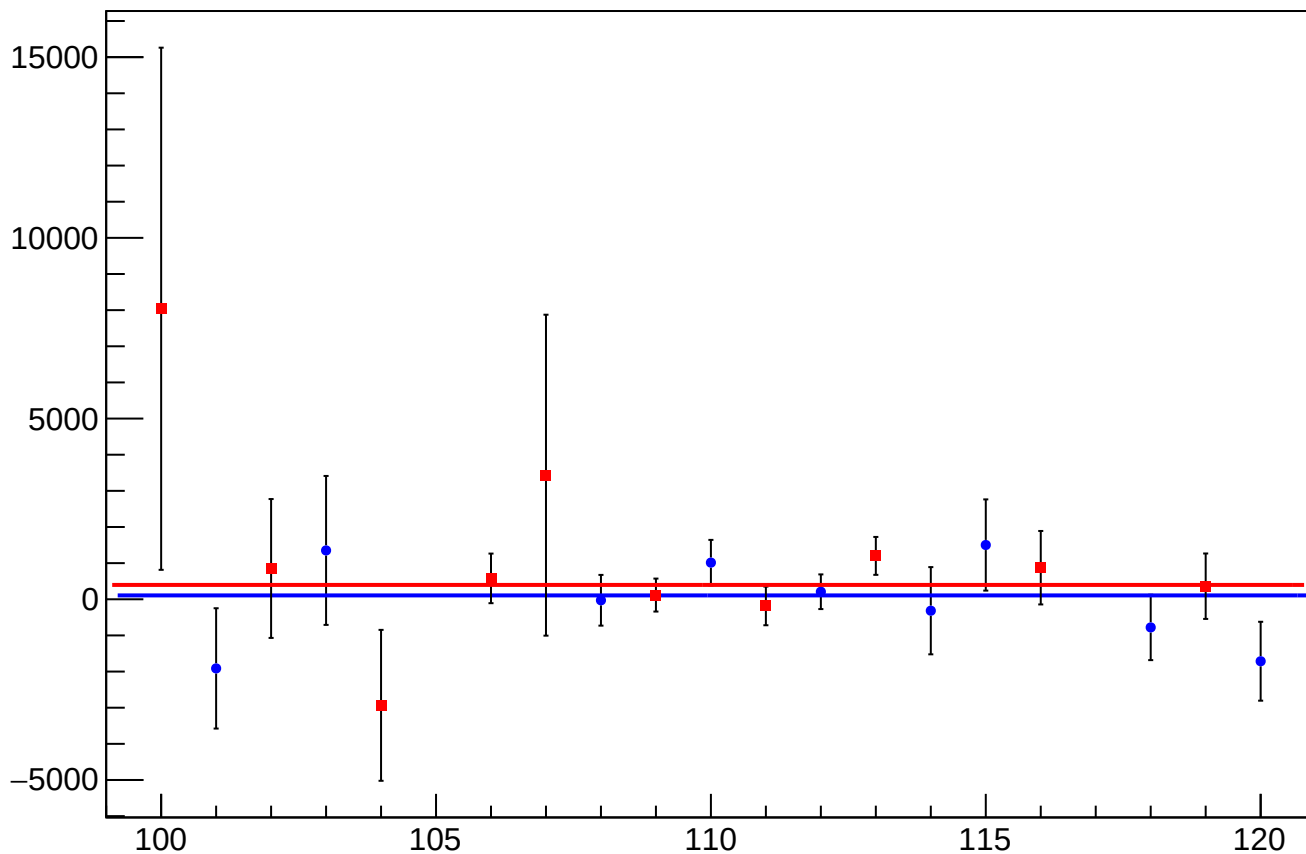
Right: 1331.586+/-0.351 χ^2/NDF : 622113.4/18

In: 1327.794+/-0.508 χ^2/NDF : 480850.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1331.586+/-0.351 χ^2/NDF : 622113.4/18

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 107.097+/-278.692 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 397.178+/-243.806 χ^2/NDF : 8.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

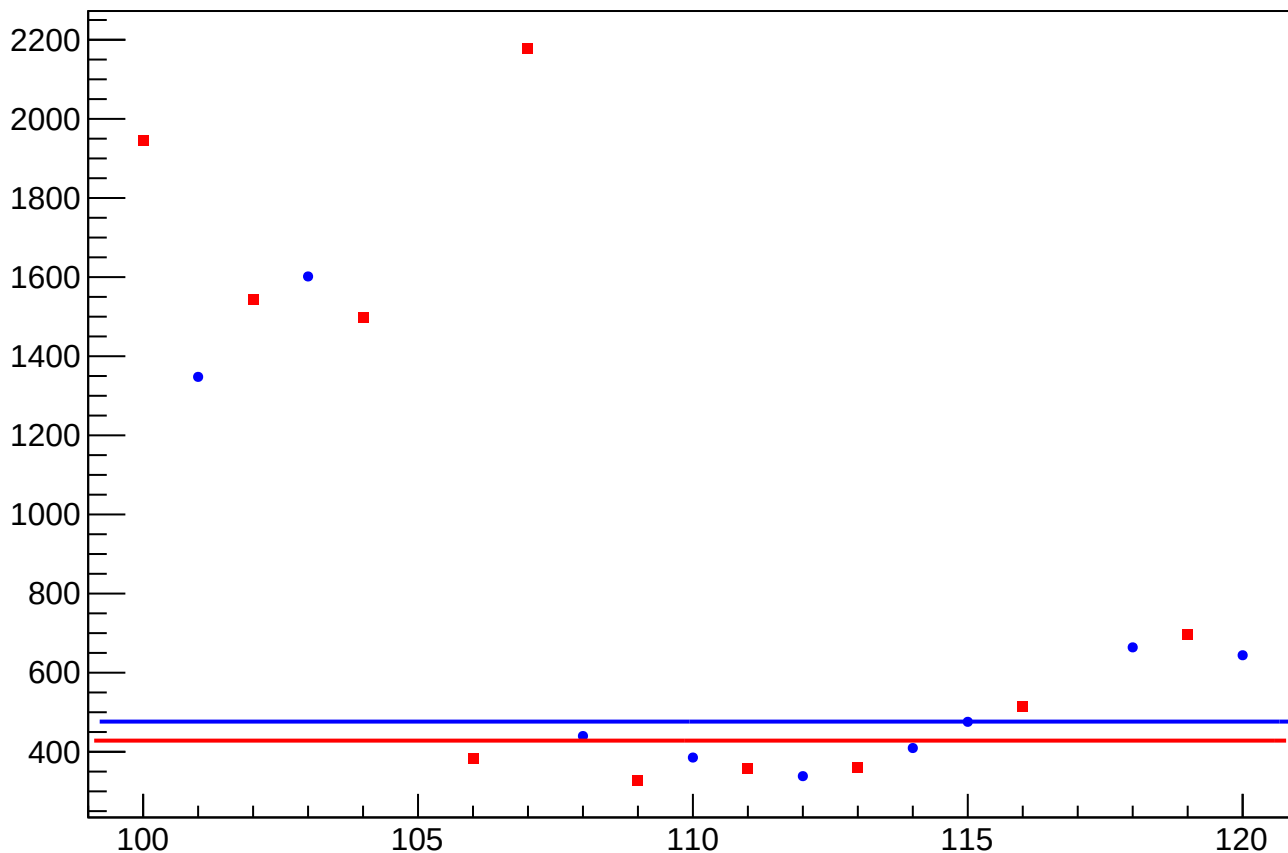
Right: 271.420+/-183.499 χ^2/NDF : 18.1/18

In: 107.097+/-278.692 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 271.420+/-183.499 χ^2/NDF : 18.1/18

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 476.378+/-0.197 χ^2/NDF : 1496461.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 428.276+/-0.172 χ^2/NDF : 1964489.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

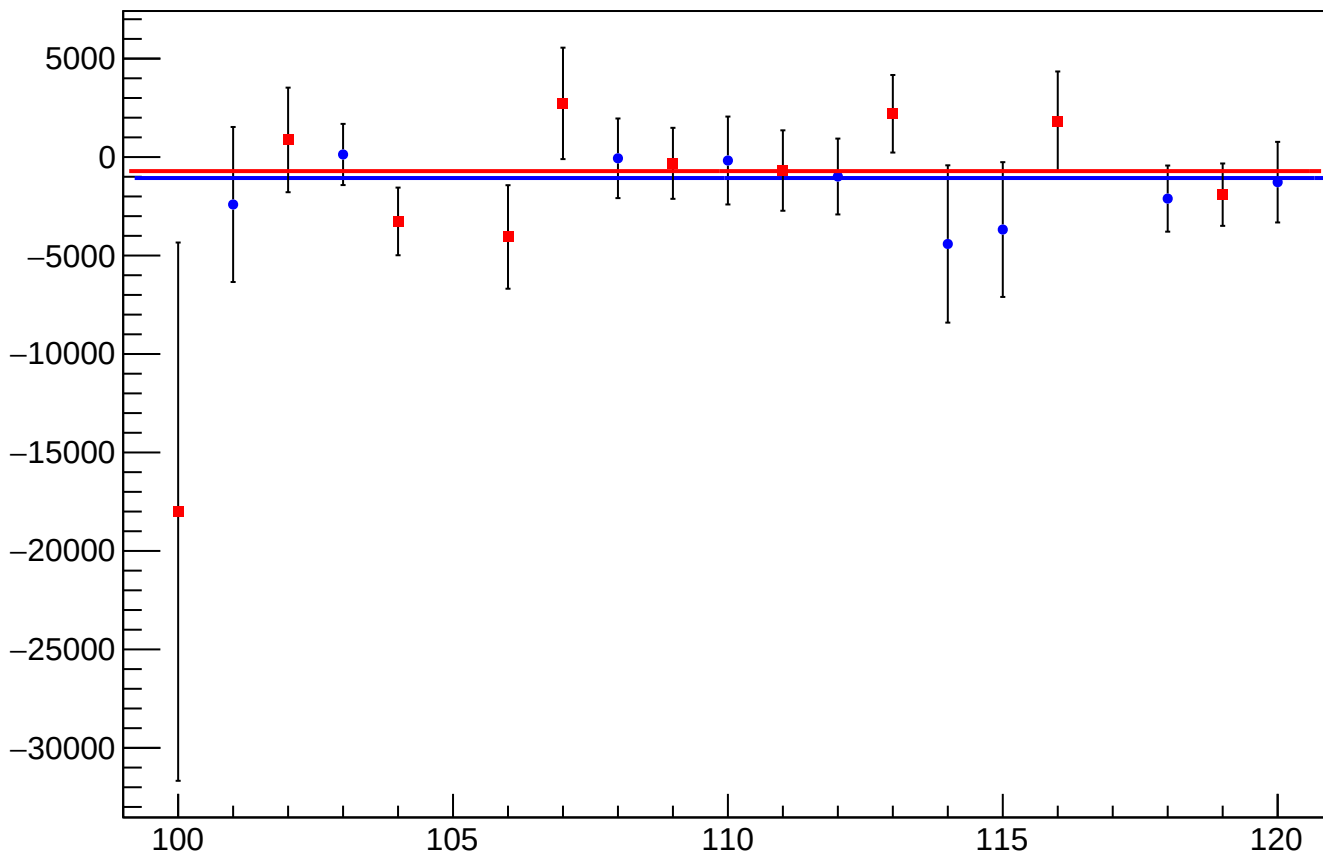
Right: 449.129+/-0.130 χ^2/NDF : 3494702.5/18

In: 476.378+/-0.197 χ^2/NDF : 1496461.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 449.129+/-0.130 χ^2/NDF : 3494702.5/18

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -1064.388+/-718.777 χ^2/NDF : 2.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -712.914+/-687.821 χ^2/NDF : 11.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

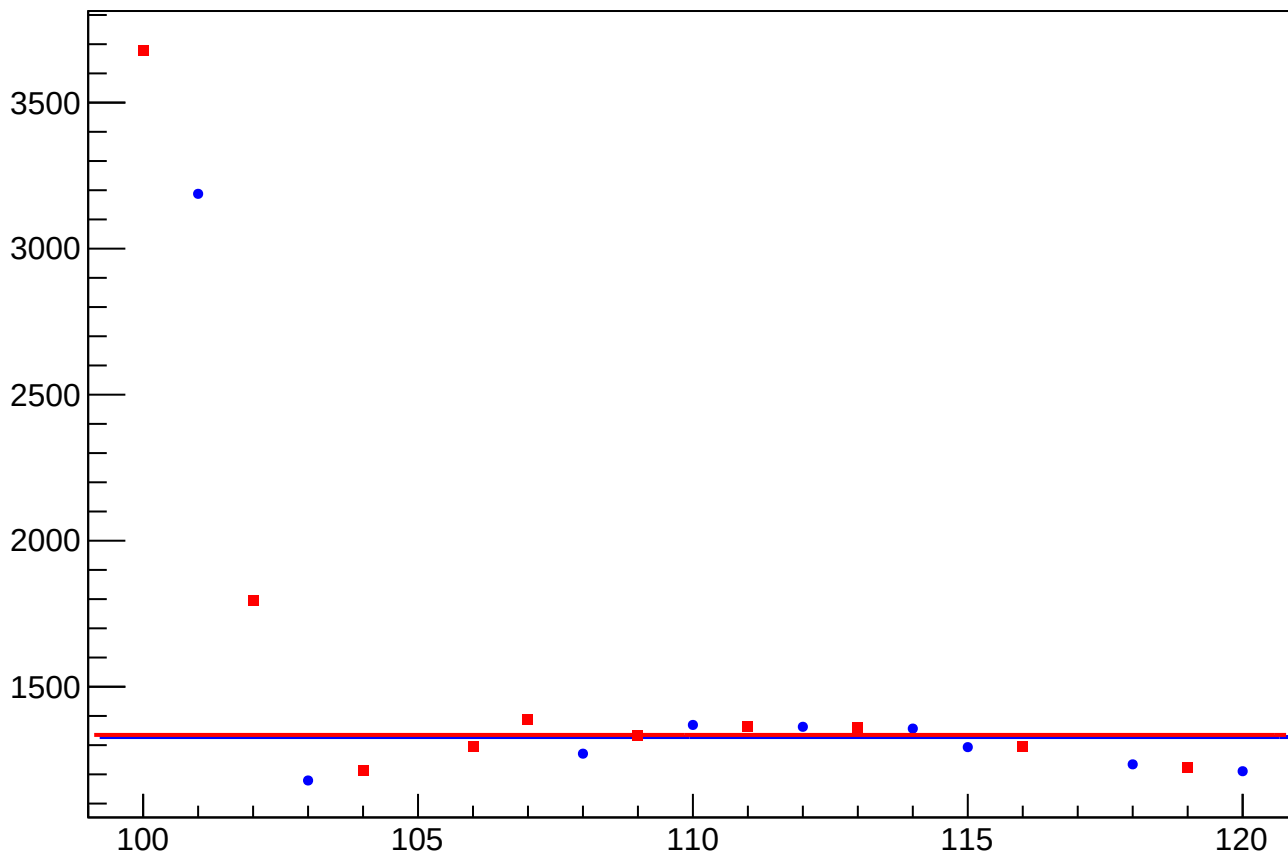
Right: -880.919+/-496.946 χ^2/NDF : 14.0/18

In: -1064.388+/-718.777 χ^2/NDF :2.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -880.919+/-496.946 χ^2/NDF : 14.0/18

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1327.794+/-0.508 χ^2/NDF : 480850.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1335.059+/-0.486 χ^2/NDF : 141156.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

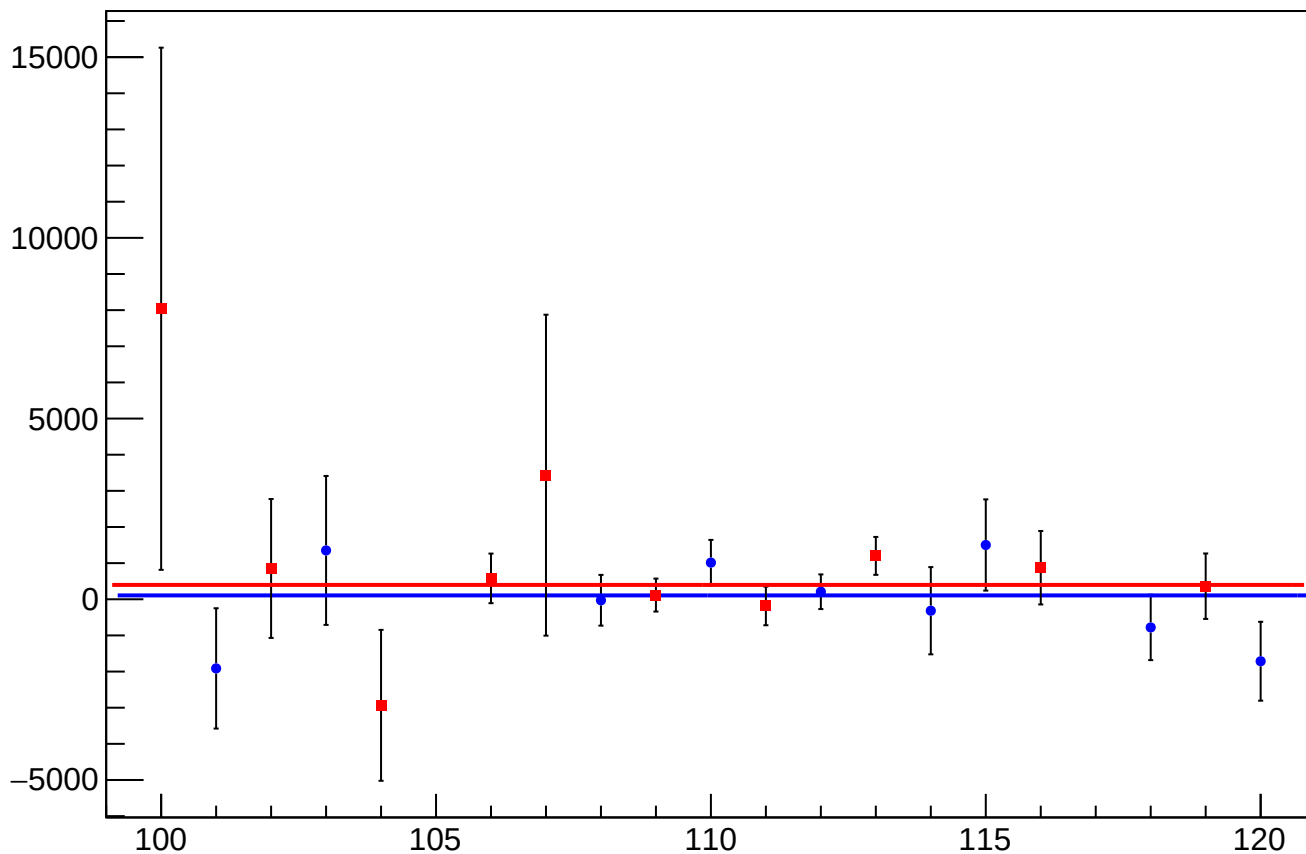
Right: 1331.586+/-0.351 χ^2/NDF : 622113.3/18

In: 1327.794+/-0.508 χ^2/NDF : 480850.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1331.586+/-0.351 χ^2/NDF : 622113.3/18

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 107.098+/-278.691 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 397.177+/-243.806 χ^2/NDF : 8.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

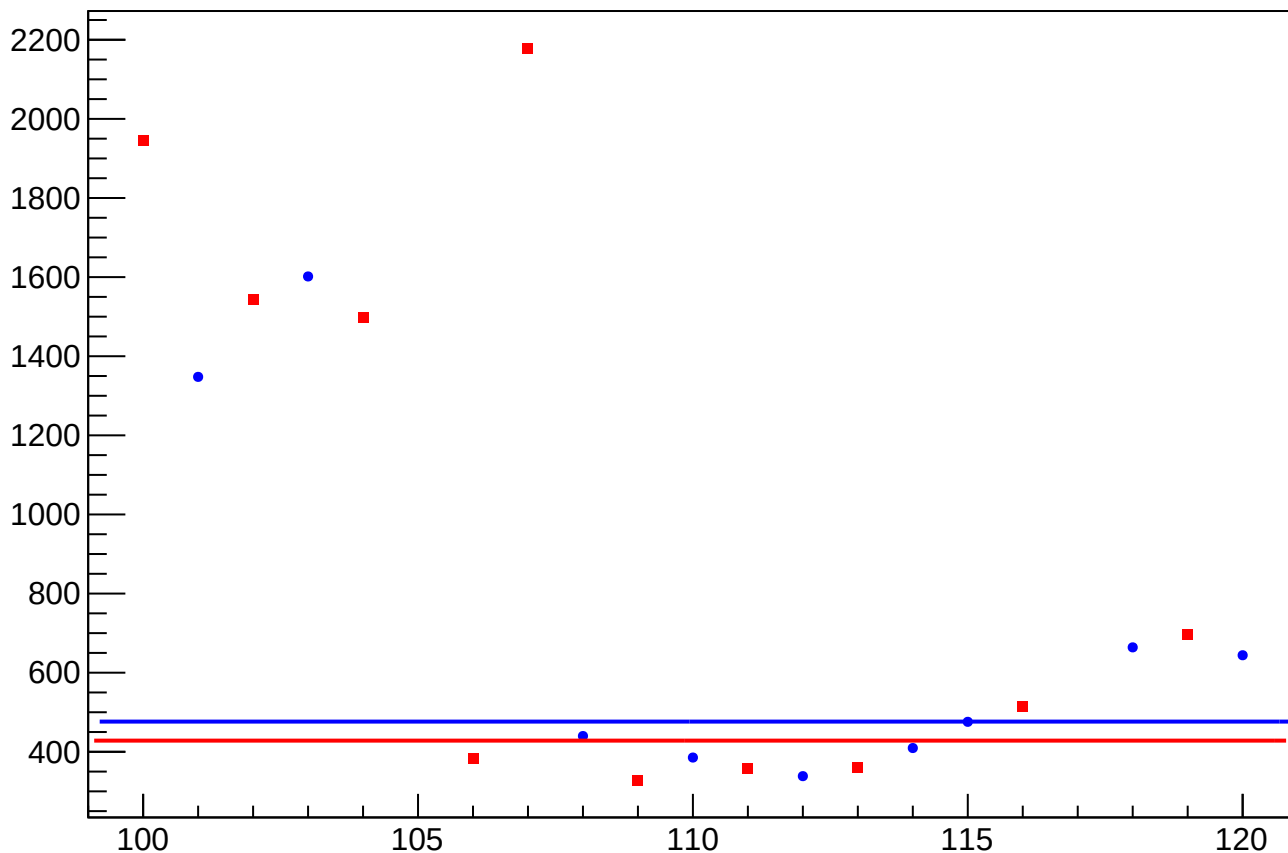
Right: 271.419+/-183.498 χ^2/NDF : 18.1/18

In: 107.098+/-278.691 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 271.419+/-183.498 χ^2/NDF : 18.1/18

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 476.376+/-0.197 χ^2/NDF : 1496469.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 428.274+/-0.172 χ^2/NDF : 1964499.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

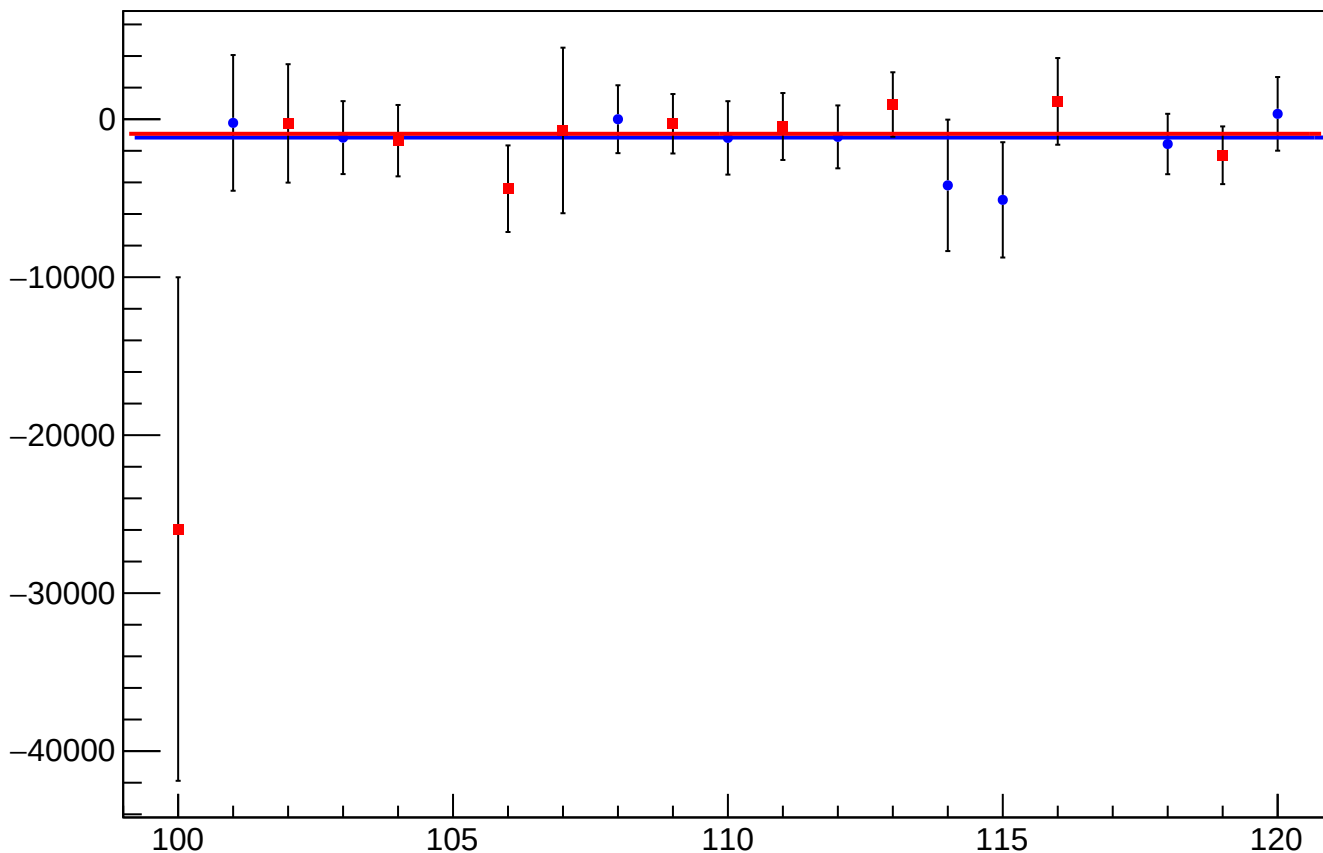
Right: 449.128+/-0.130 χ^2/NDF : 3494719.1/18

In: 476.376+/-0.197 χ^2/NDF : 1496469.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 449.128+/-0.130 χ^2/NDF : 3494719.1/18

asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -1160.171+/-820.285 χ^2/NDF : 2.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -922.444+/-786.069 χ^2/NDF : 6.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

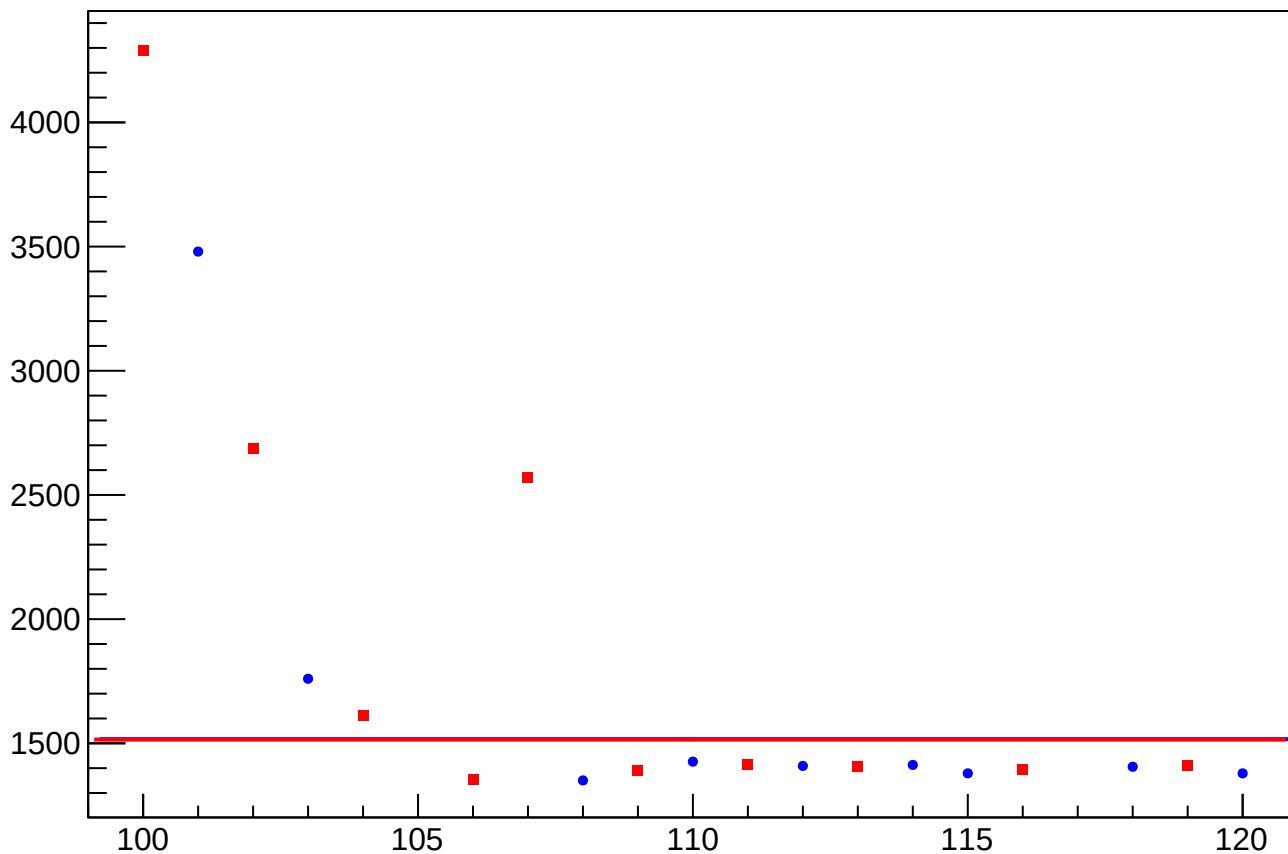
Right: -1036.246+/-567.546 χ^2/NDF : 8.8/18

In: -1160.171+/-820.285 χ^2/NDF : 2.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1036.246+/-567.546 χ^2/NDF : 8.8/18

asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1516.769+/-0.580 χ^2/NDF : 478594.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1515.224+/-0.556 χ^2/NDF : 376520.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

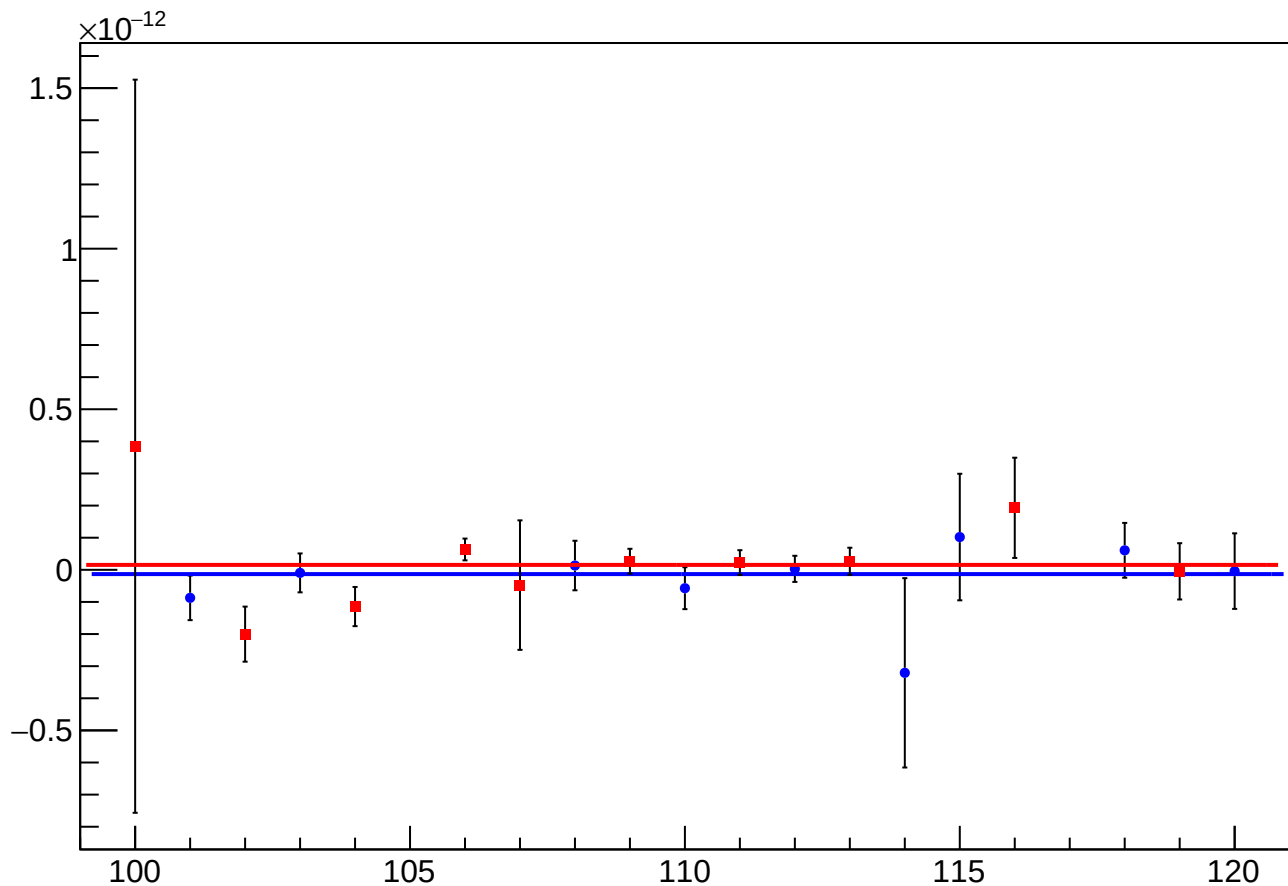
Right: 1515.964+/-0.401 χ^2/NDF : 855118.8/18

In: 1516.769+/-0.580 χ^2/NDF : 478594.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1515.964+/-0.401 χ^2/NDF : 855118.8/18

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

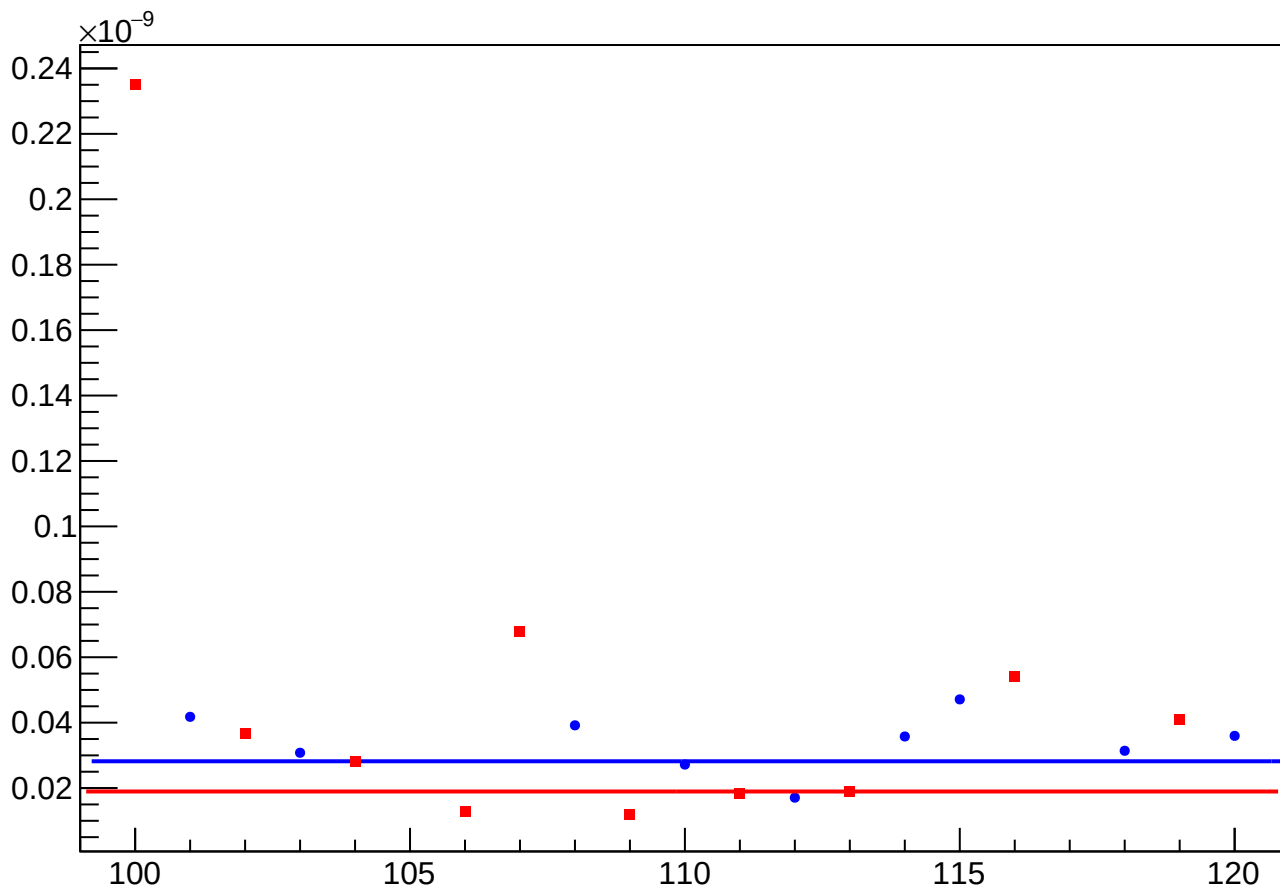
Right: 0.000+/-0.000 χ^2/NDF : 19.6/18

In: -0.000+/-0.000 χ^2/NDF : 4.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.6/18

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 302087.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 683711.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

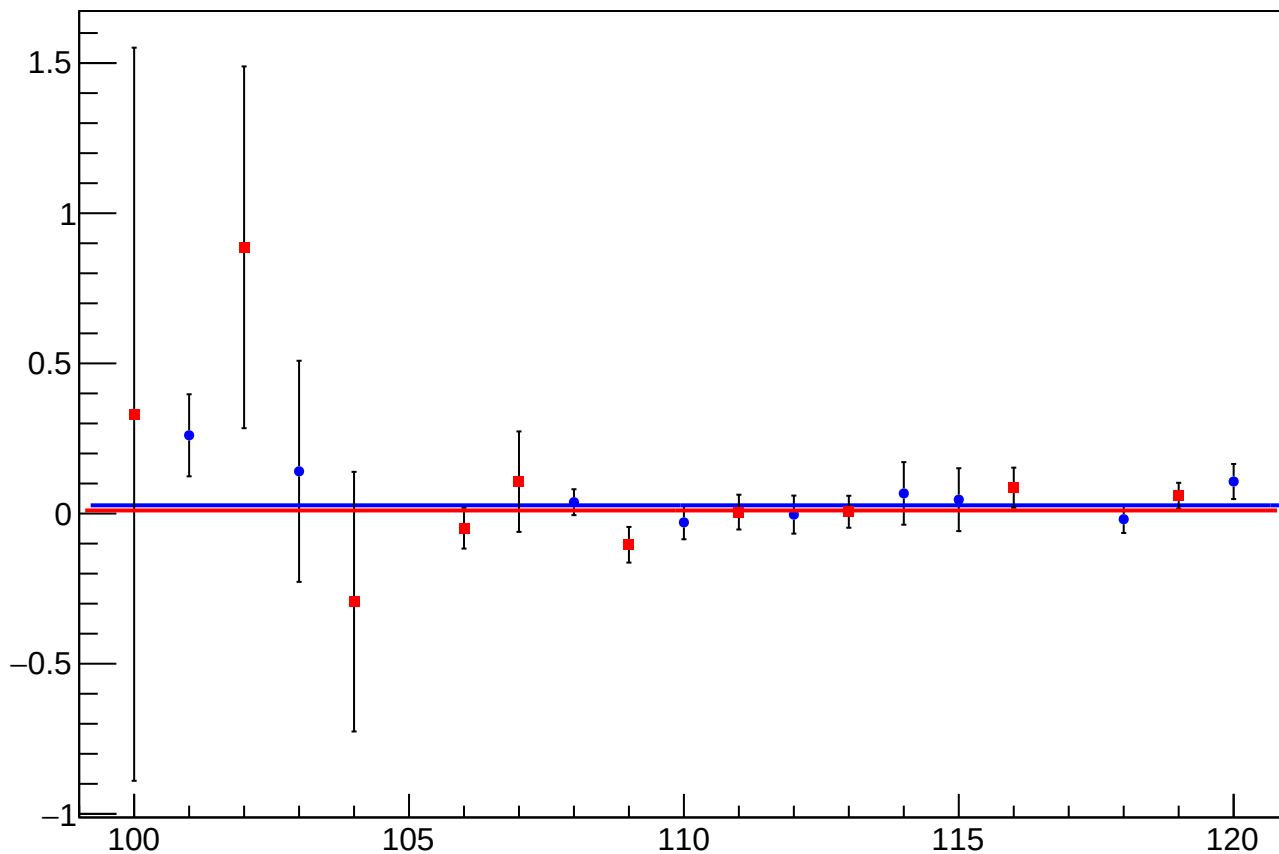
Right: 0.000+/-0.000 χ^2/NDF : 1181403.8/18

In: 0.000+/-0.000 χ^2/NDF : 302087.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1181403.8/18

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.027+/-0.022 χ^2/NDF : 7.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.023 χ^2/NDF : 10.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

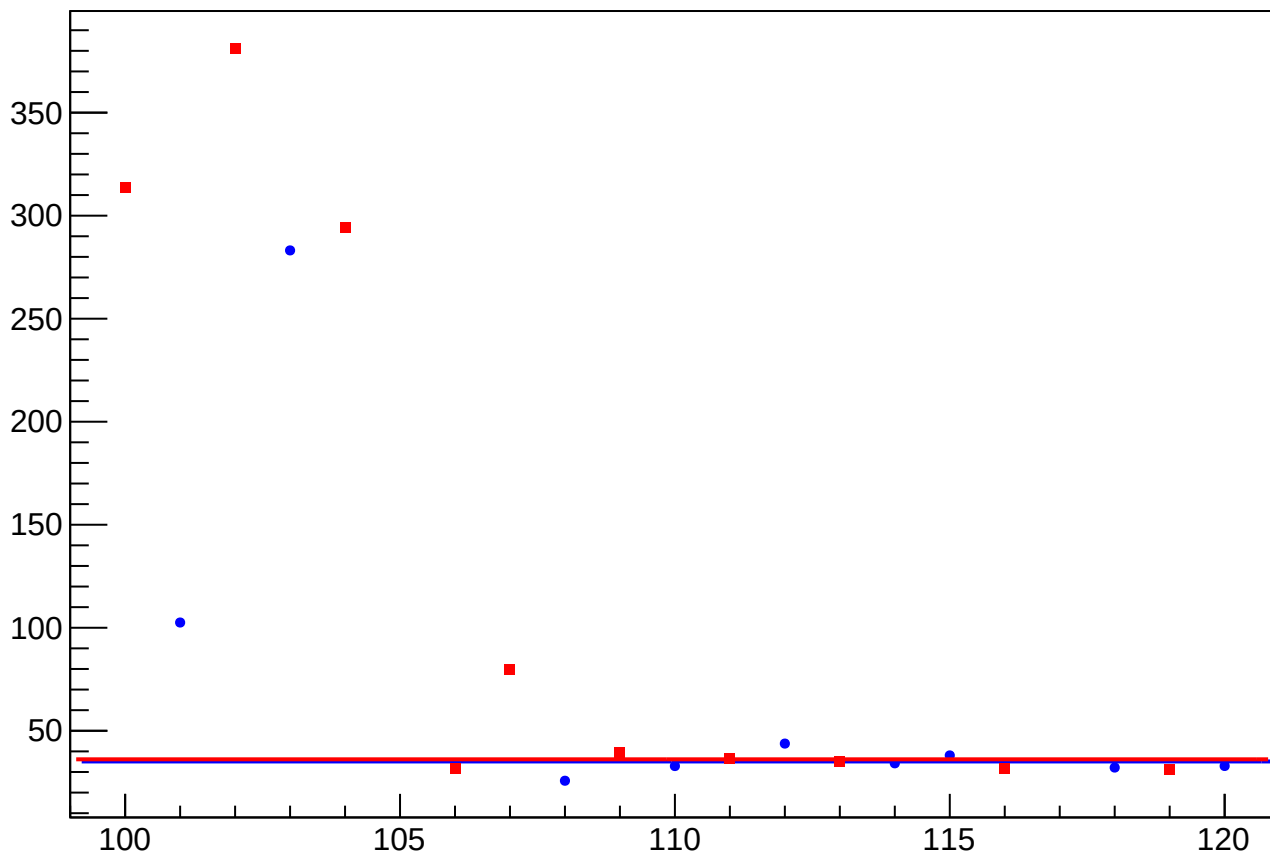
Right: 0.019+/-0.016 χ^2/NDF : 17.7/18

In: 0.027+/-0.022 χ^2/NDF : 7.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.016 χ^2/NDF : 17.7/18

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.116+/-0.015 χ^2/NDF : 1543052.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 36.153+/-0.016 χ^2/NDF : 1659955.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

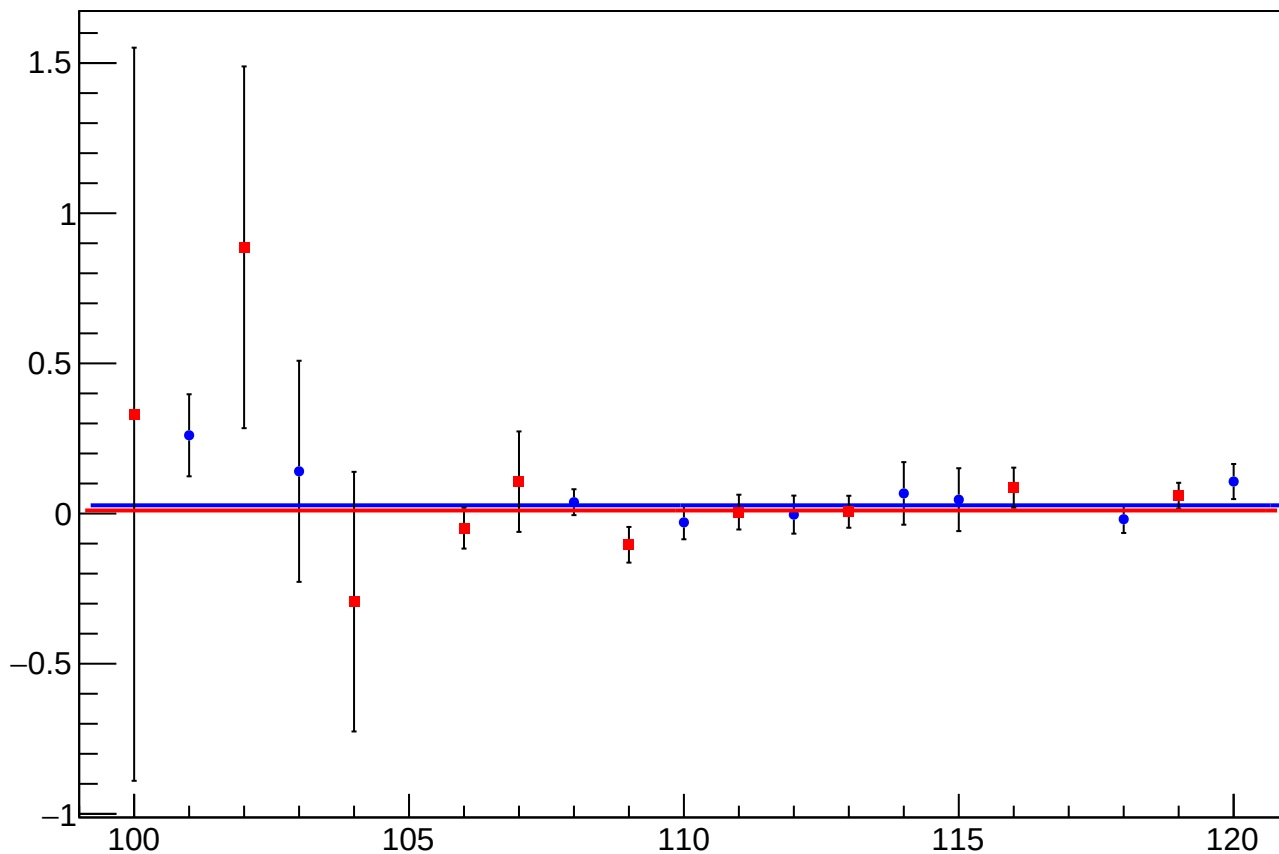
Right: 35.615+/-0.011 χ^2/NDF : 3205198.1/18

In: 35.116+/-0.015 χ^2/NDF :1543052.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 35.615+/-0.011 χ^2/NDF : 3205198.1/18

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.027+/-0.022 χ^2/NDF : 7.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.010+/-0.023 χ^2/NDF : 10.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

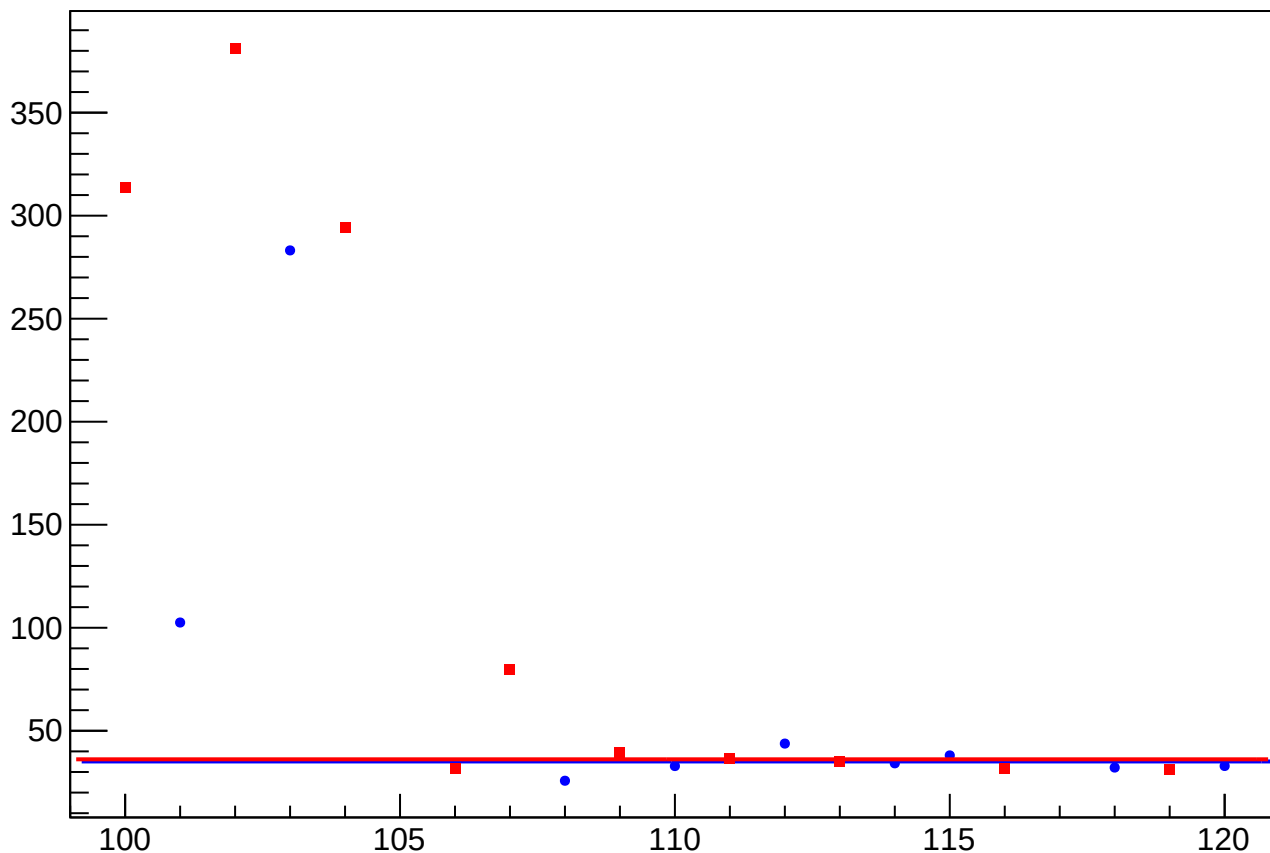
Right: 0.019+/-0.016 χ^2/NDF : 17.7/18

In: 0.027+/-0.022 χ^2/NDF :7.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.019+/-0.016 χ^2/NDF : 17.7/18

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.116+/-0.015 χ^2/NDF : 1543052.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 36.153+/-0.016 χ^2/NDF : 1659955.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

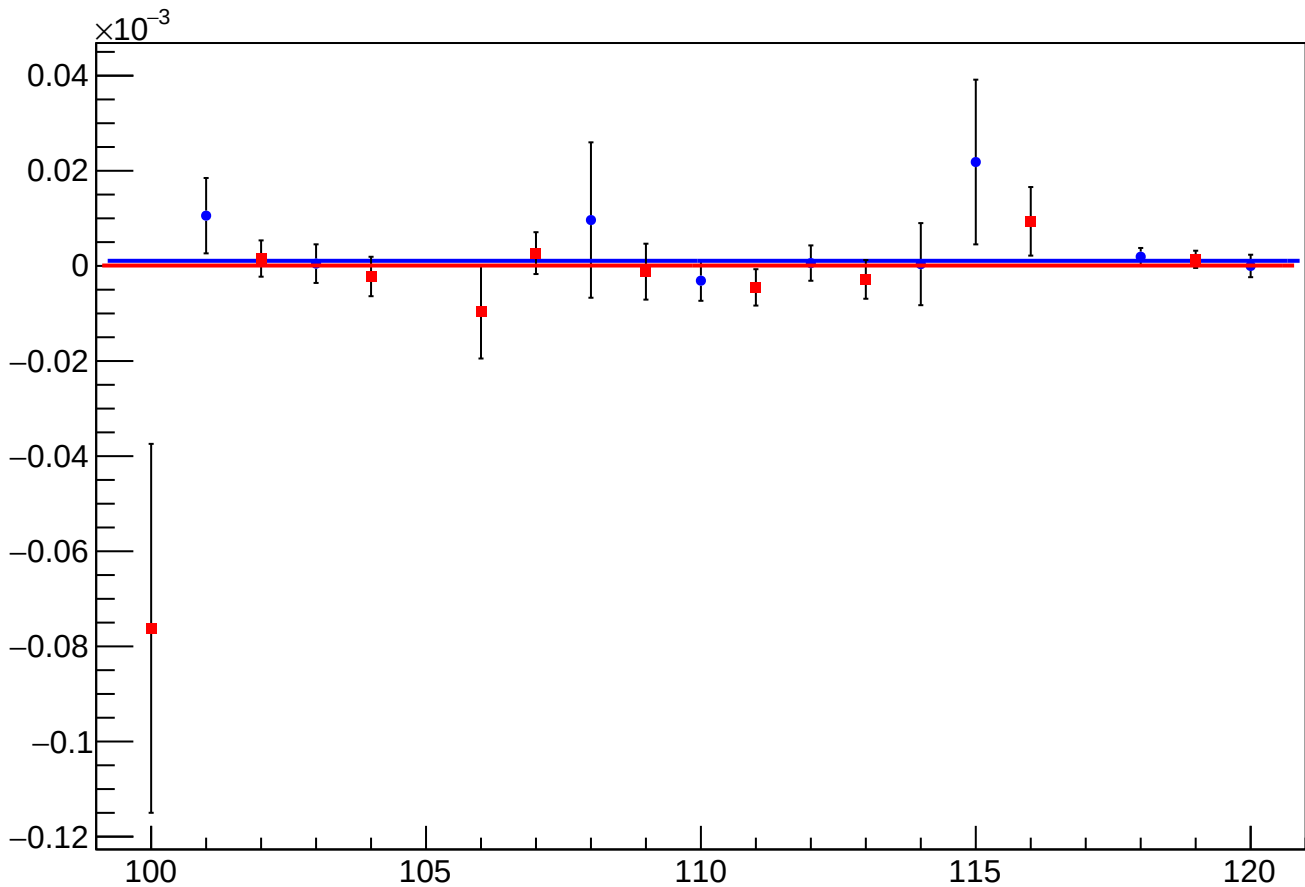
Right: 35.615+/-0.011 χ^2/NDF : 3205198.1/18

In: 35.116+/-0.015 χ^2/NDF :1543052.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 35.615+/-0.011 χ^2/NDF : 3205198.1/18

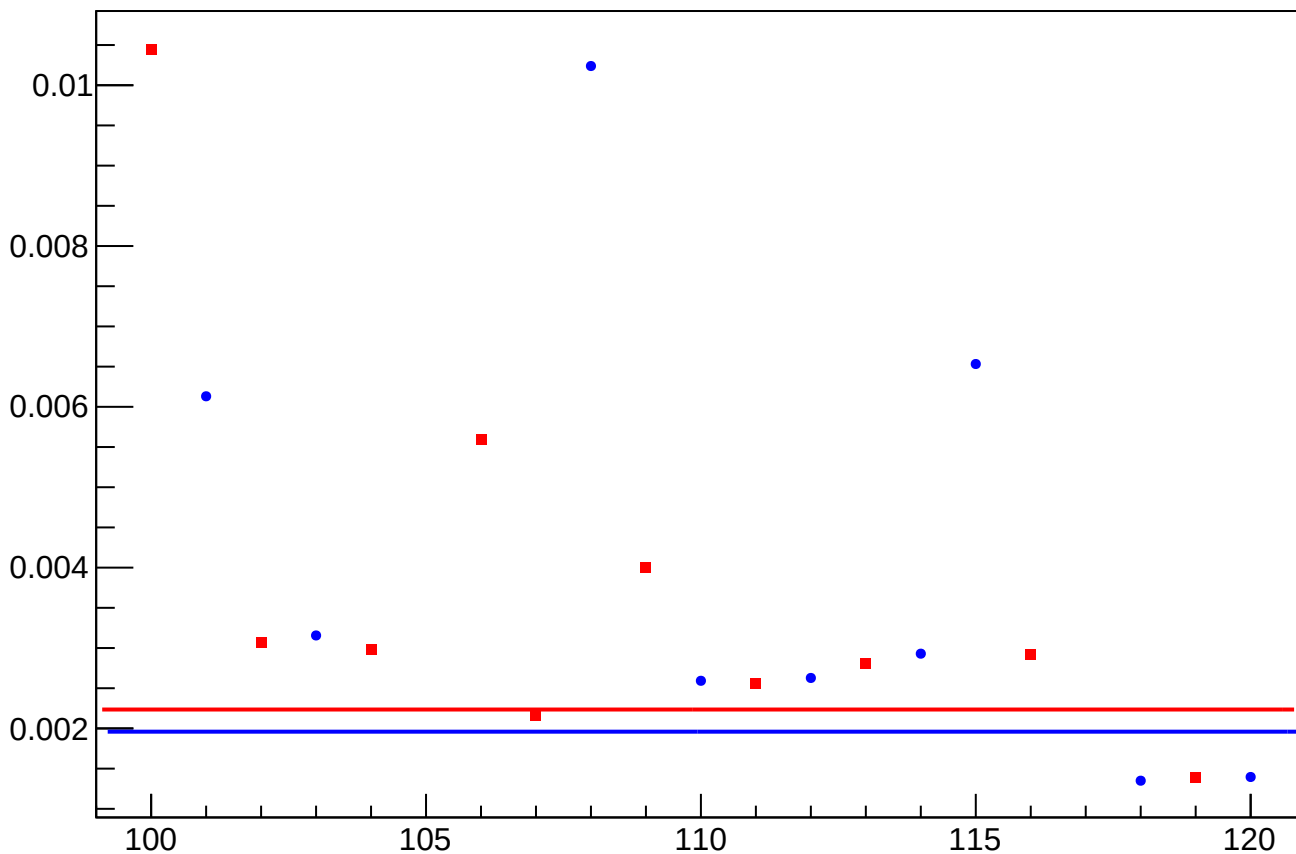
asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.6/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 9.9/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 14.8/18
 In: 0.000+/-0.000 χ^2/NDF : 4.6/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 14.8/18

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 : 1850614.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1172900.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

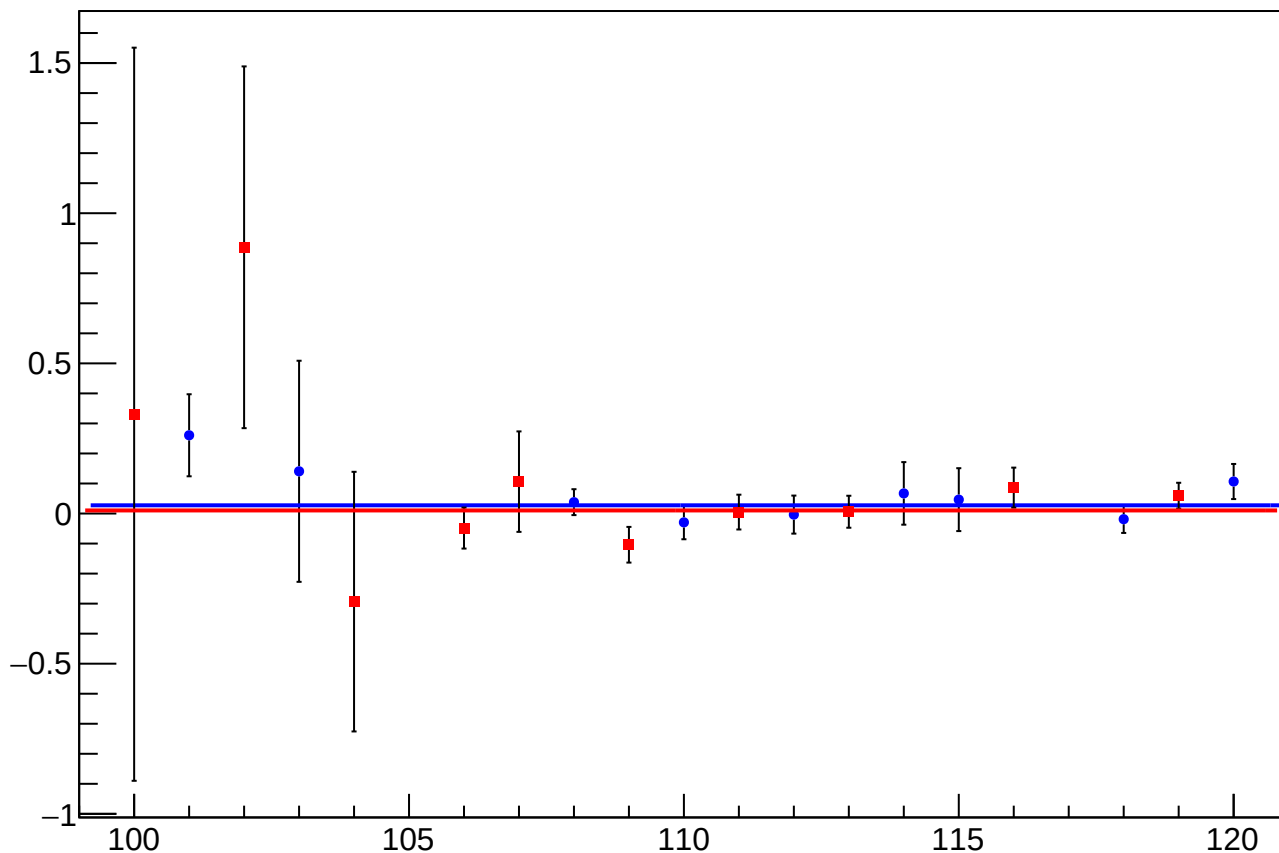
Right: 0.002+/-0.000 χ^2/NDF : 3075636.7/18

In: 0.002+/-0.000 χ^2/NDF :1850614.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3075636.7/18

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.027+/-0.022 χ^2/NDF : 7.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.010+/-0.023 χ^2/NDF : 10.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

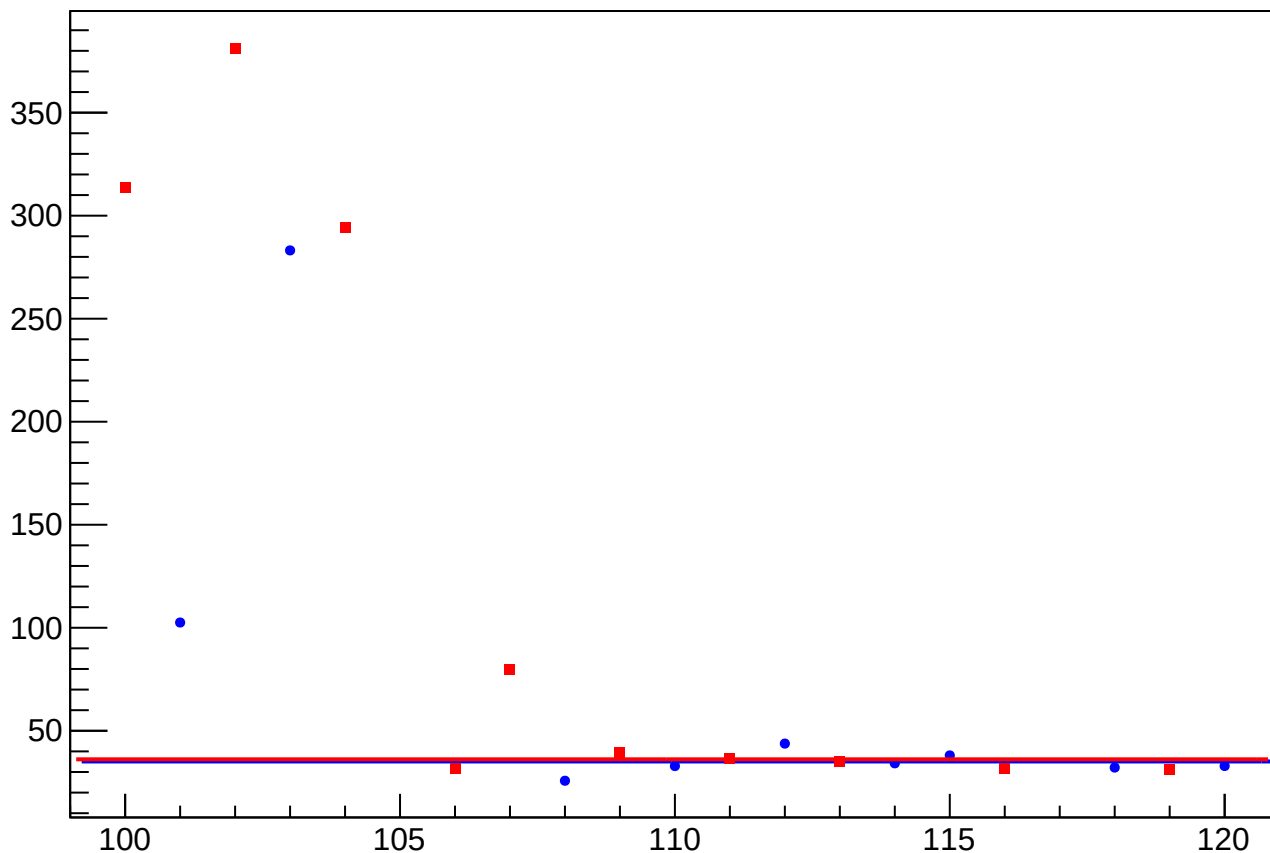
Right: 0.019+/-0.016 χ^2/NDF : 17.7/18

In: 0.027+/-0.022 χ^2/NDF :7.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.019+/-0.016 χ^2/NDF : 17.7/18

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.117+/-0.015 χ^2/NDF : 1542990.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 36.153+/-0.016 χ^2/NDF : 1659958.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

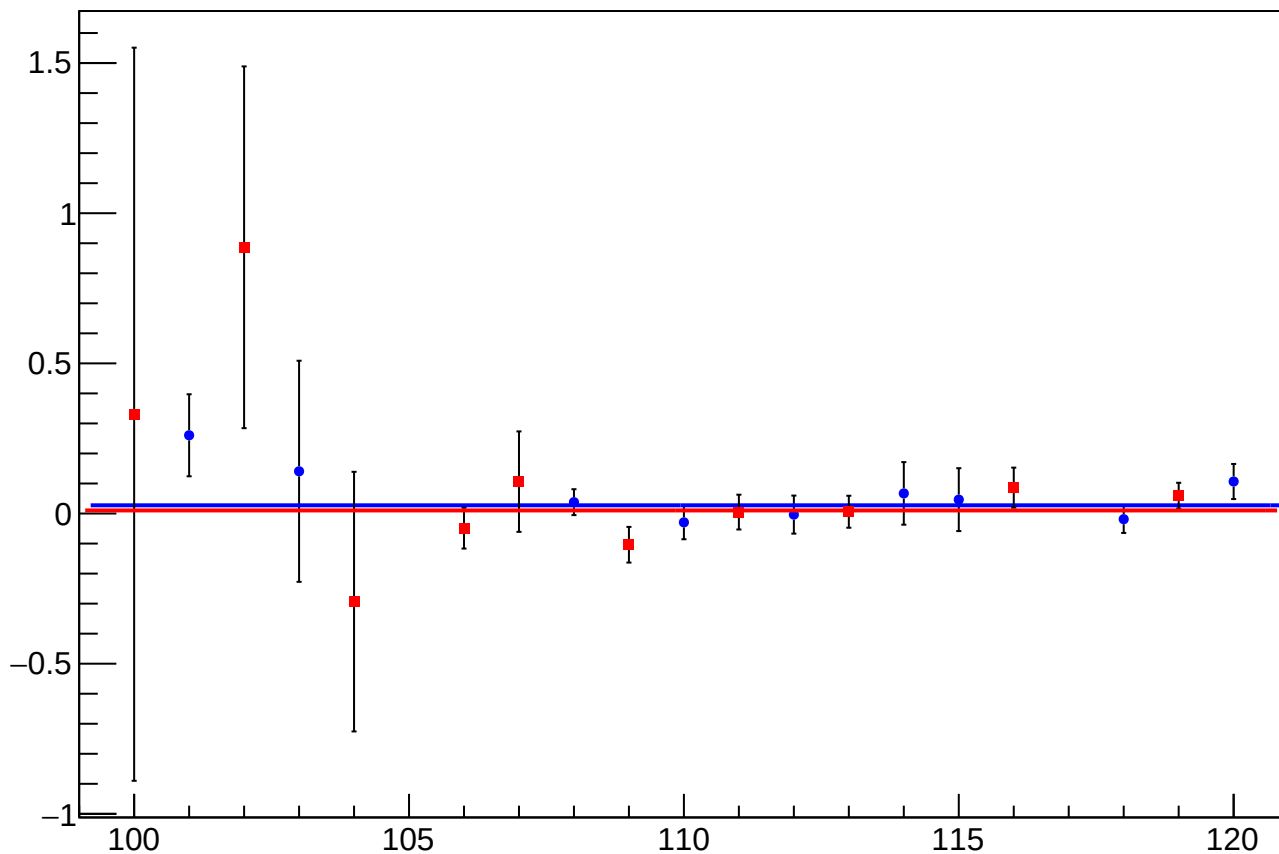
Right: 35.615+/-0.011 χ^2/NDF : 3205134.0/18

In: 35.117+/-0.015 χ^2/NDF :1542990.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 35.615+/-0.011 χ^2/NDF : 3205134.0/18

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.027+/-0.022 χ^2/NDF : 7.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.023 χ^2/NDF : 10.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

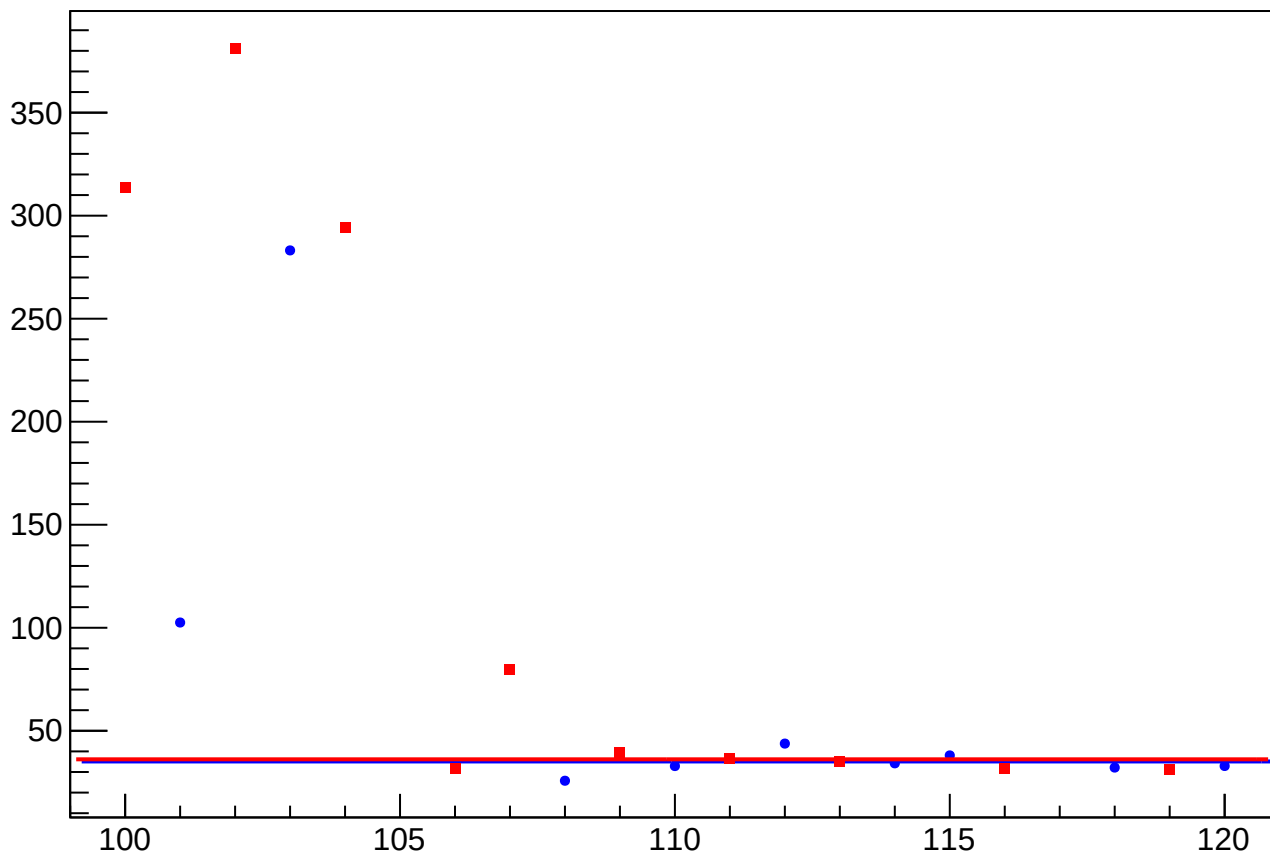
Right: 0.019+/-0.016 χ^2/NDF : 17.7/18

In: 0.027+/-0.022 χ^2/NDF : 7.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.016 χ^2/NDF : 17.7/18

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.117+/-0.015 χ^2/NDF : 1542990.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 36.153+/-0.016 χ^2/NDF : 1659958.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

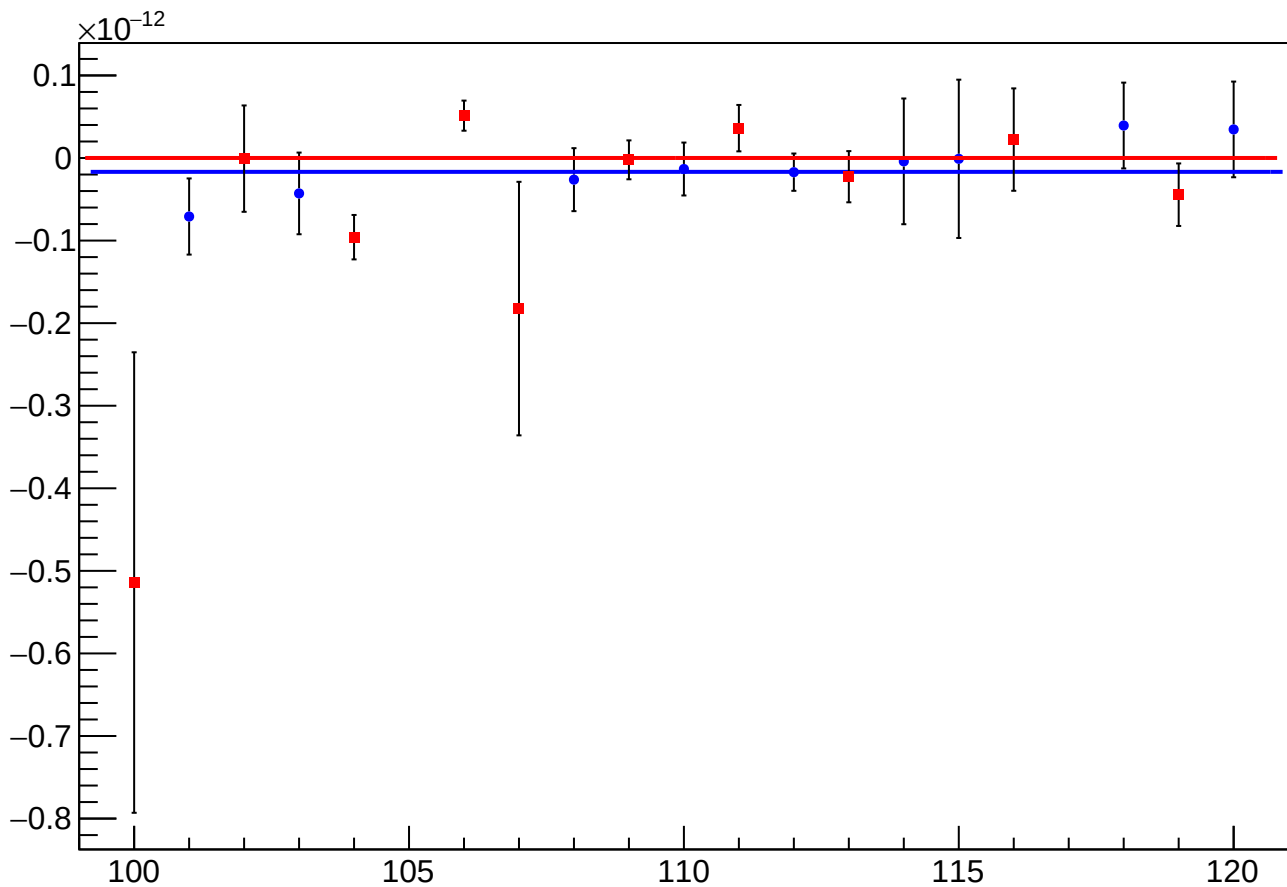
Right: 35.615+/-0.011 χ^2/NDF : 3205134.0/18

In: 35.117+/-0.015 χ^2/NDF :1542990.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 35.615+/-0.011 χ^2/NDF : 3205134.0/18

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 : 3.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 29.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

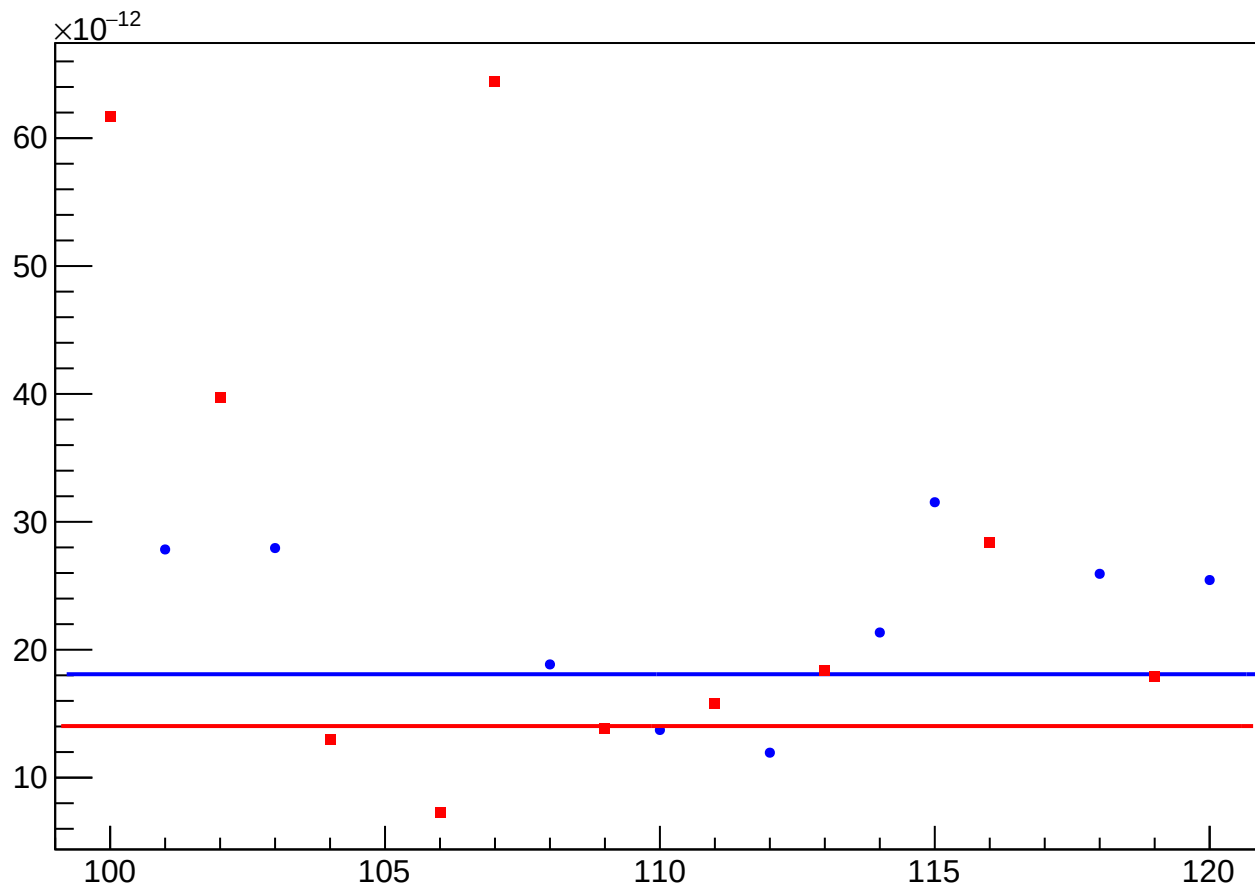
Right: -0.000+/-0.000 χ^2/NDF : 33.9/18

In: -0.000+/-0.000 χ^2/NDF : 3.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.9/18

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 : 475450.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1047263.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

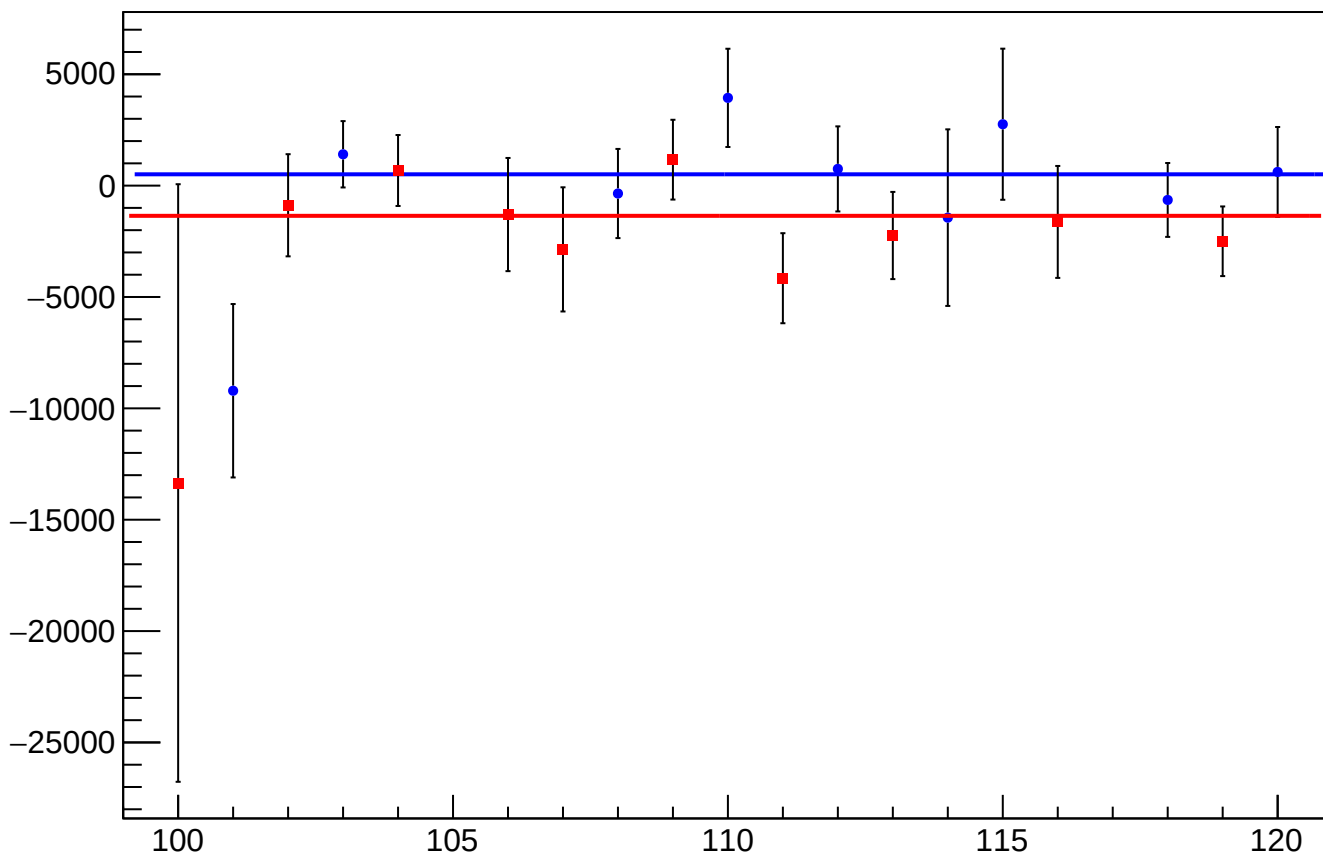
Right: 0.000+/-0.000 χ^2/NDF : 1637599.9/18

In: 0.000+/-0.000 χ^2/NDF : 475450.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1637599.9/18

reg_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 508.145+/-706.061 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1356.214+/-665.429 χ^2/NDF : 7.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

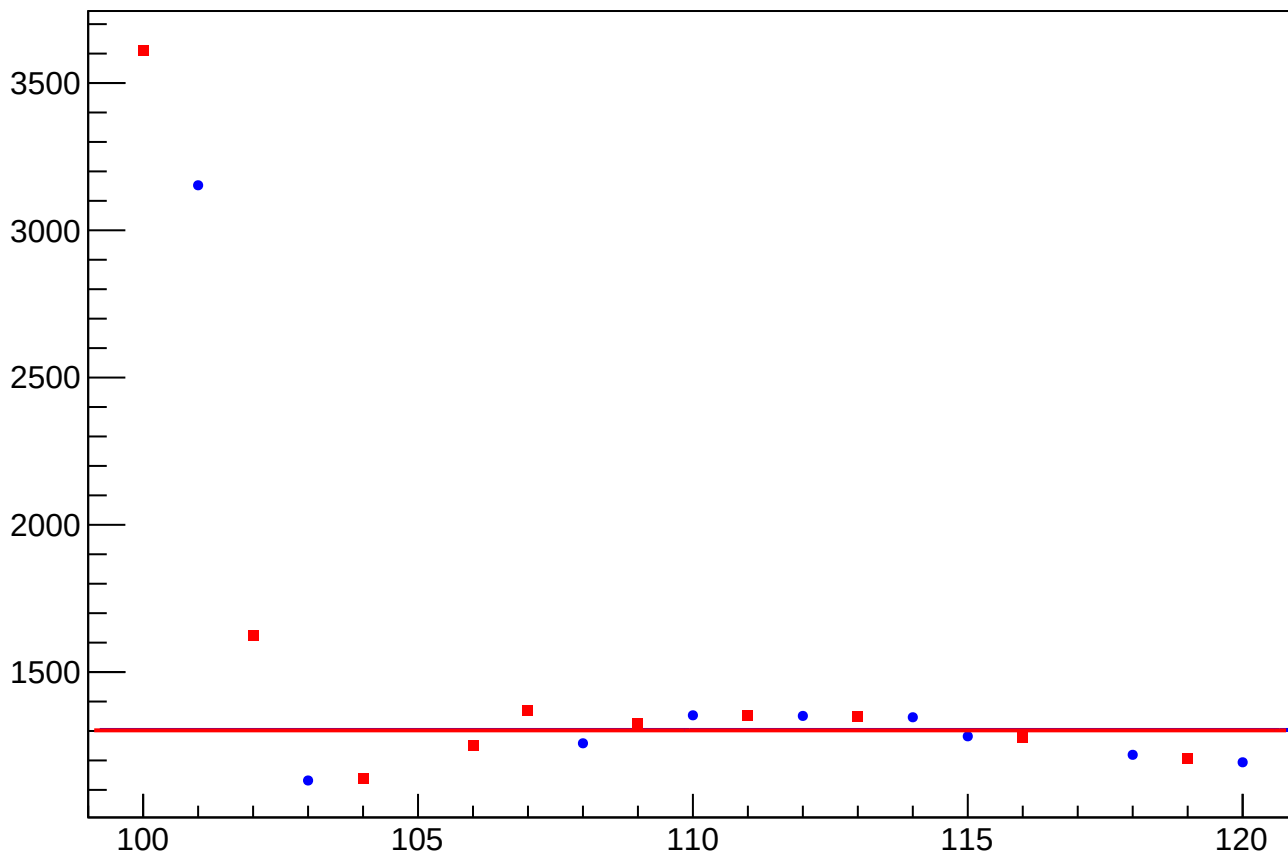
Right: -479.220+/-484.257 χ^2/NDF : 21.5/18

In: 508.145+/-706.061 χ^2/NDF : 10.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -479.220+/-484.257 χ^2/NDF : 21.5/18

reg_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1303.448+/-0.499 χ^2/NDF : 492571.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1302.182+/-0.471 χ^2/NDF : 131574.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

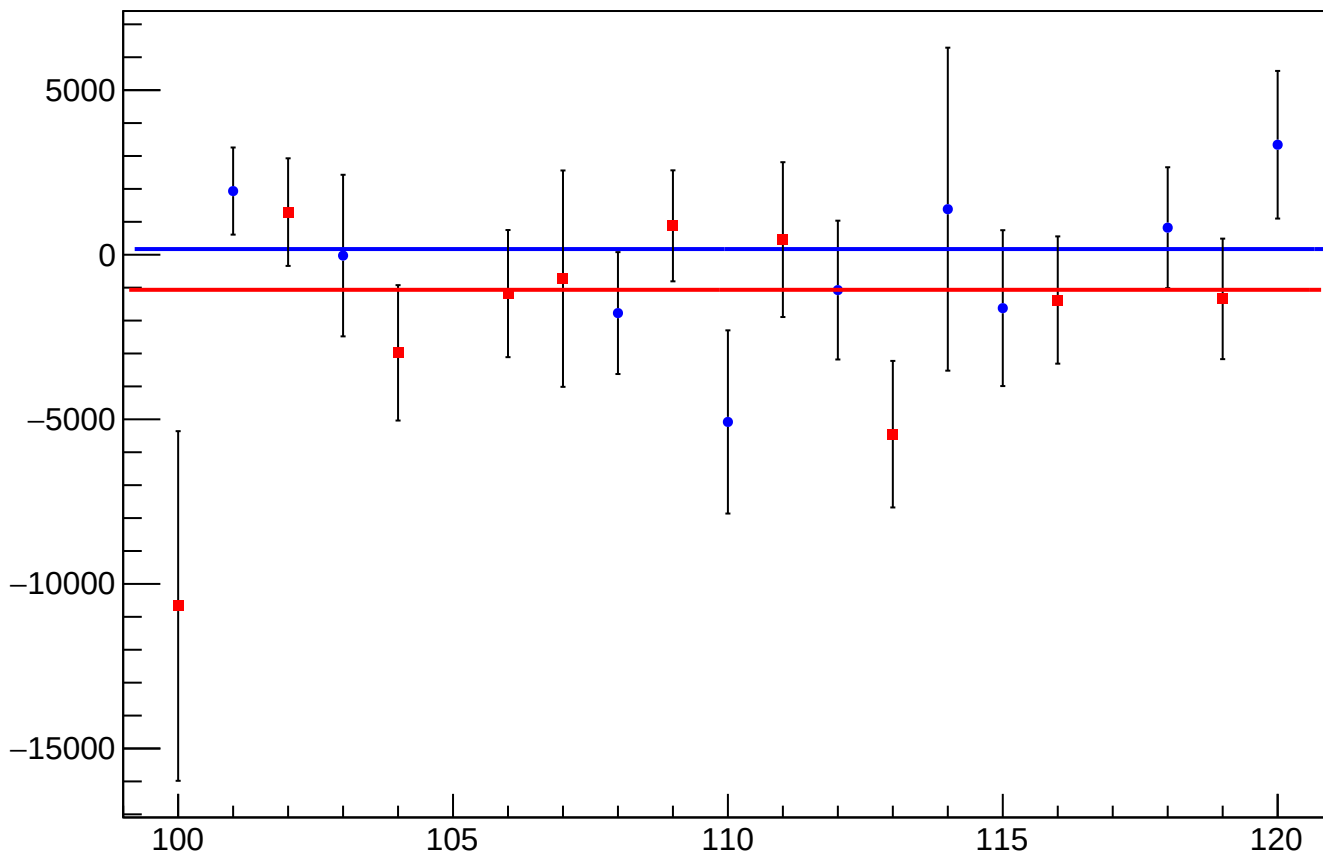
Right: 1302.777+/-0.342 χ^2/NDF : 624149.7/18

In: 1303.448+/-0.499 χ^2/NDF : 492571.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1302.777+/-0.342 χ^2/NDF : 624149.7/18

asym_at1_dd_at2_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 172.547+/-690.372 χ^2/NDF : 9.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1065.513+/-658.342 χ^2/NDF : 11.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

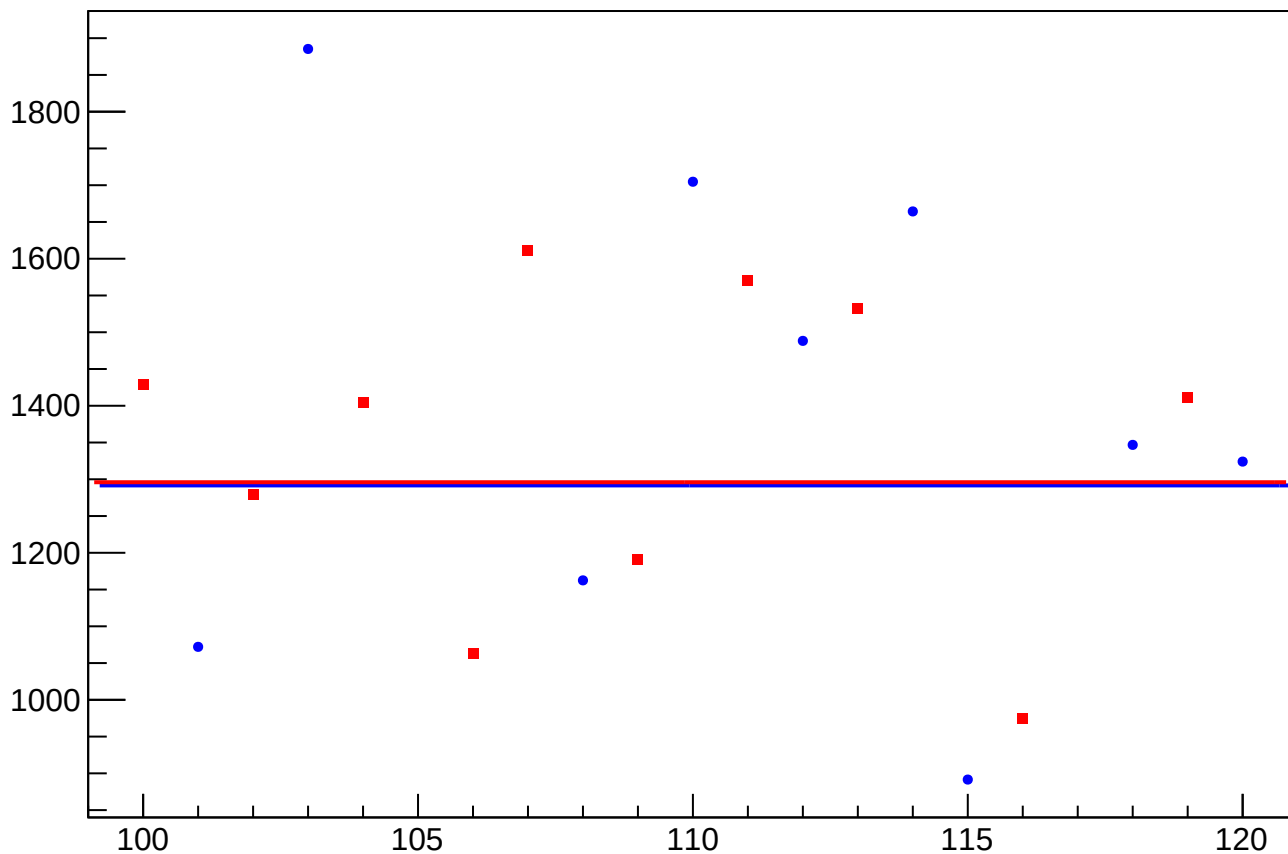
Right: -475.868+/-476.439 χ^2/NDF : 23.2/18

In: 172.547+/-690.372 χ^2/NDF :9.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -475.868+/-476.439 χ^2/NDF : 23.2/18

asym_at1_dd_at2_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1291.652+/-0.488 χ^2/NDF : 314149.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1295.975+/-0.466 χ^2/NDF : 175154.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

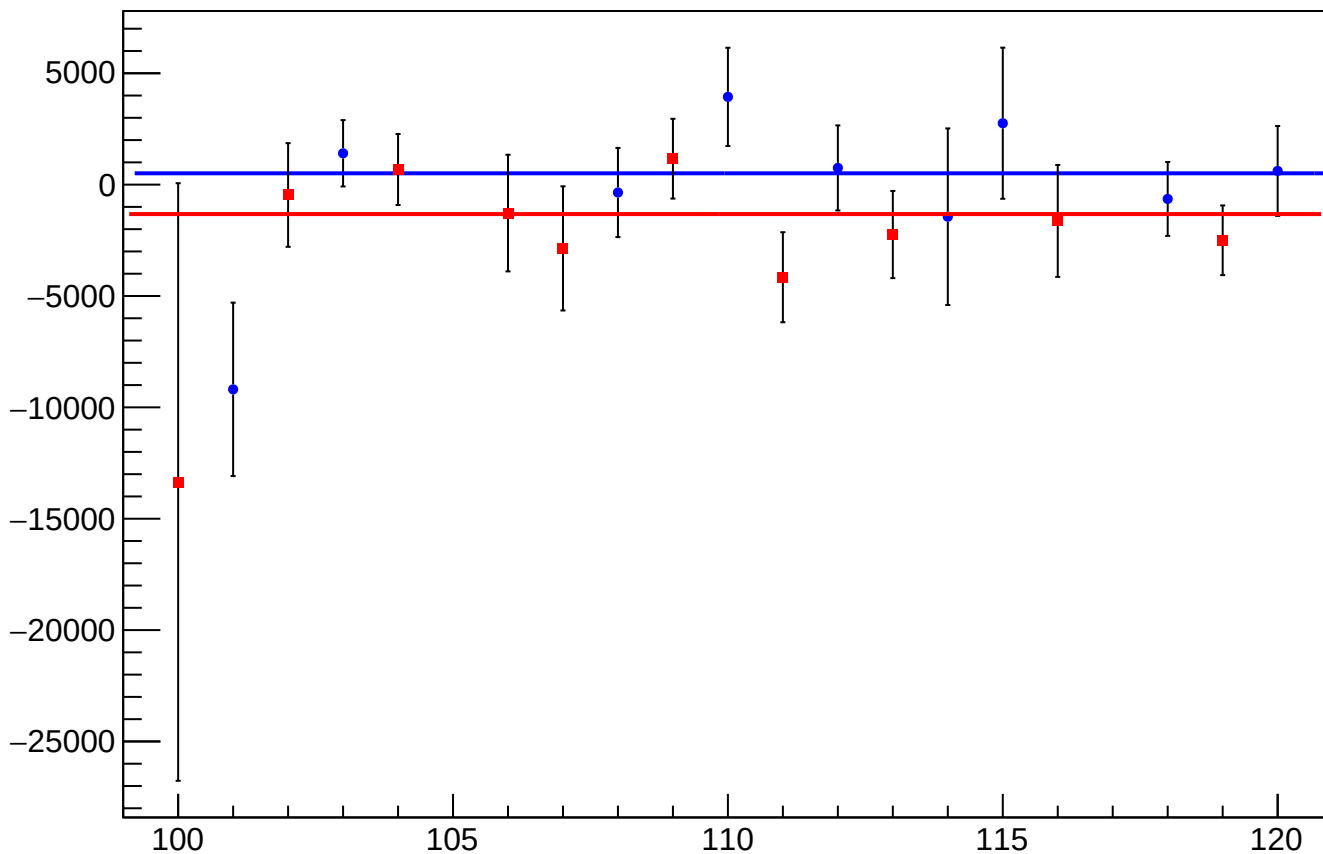
Right: 1293.916+/-0.337 χ^2/NDF : 489345.4/18

In: 1291.652+/-0.488 χ^2/NDF : 314149.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1293.916+/-0.337 χ^2/NDF : 489345.4/18

cor_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 508.733+/-706.061 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1322.171+/-667.605 χ^2/NDF : 7.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

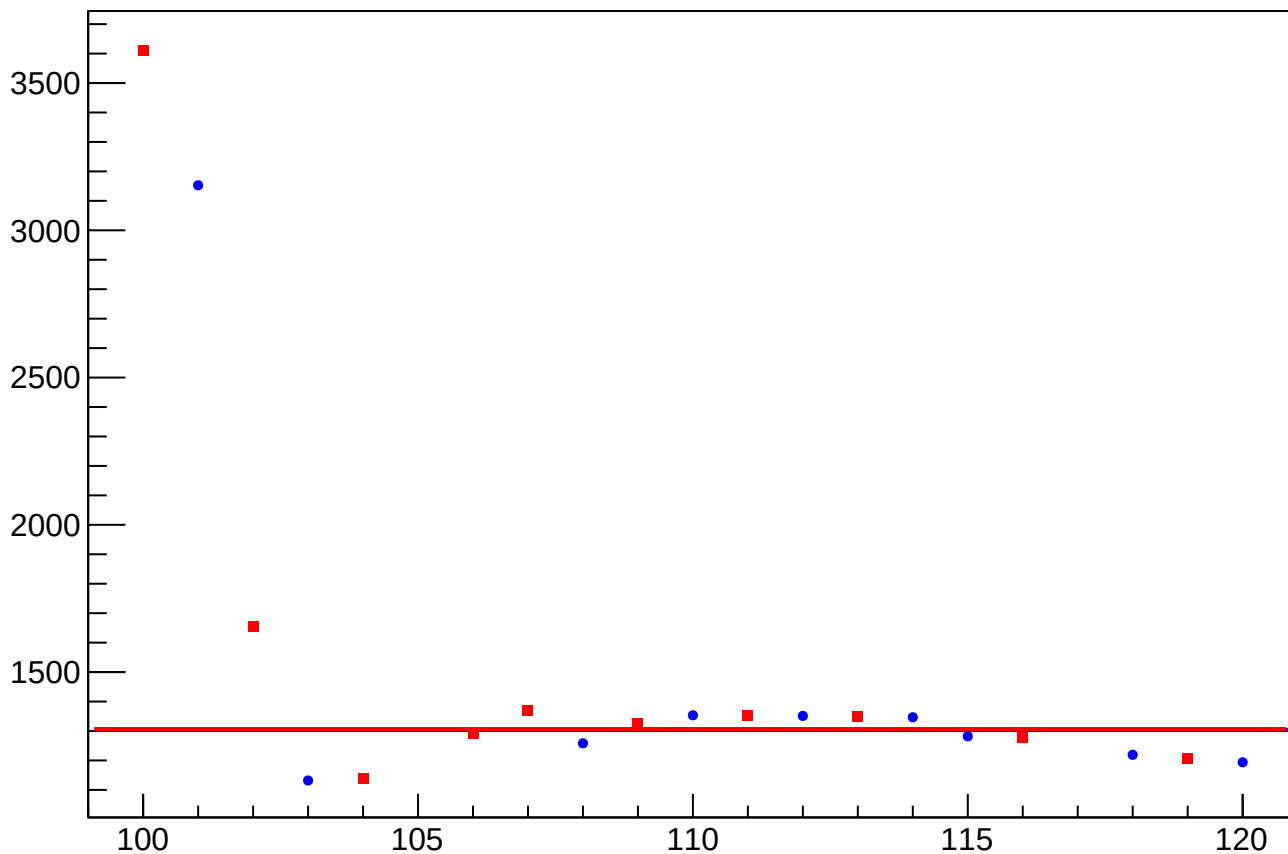
Right: -457.936+/-485.093 χ^2/NDF : 21.4/18

In: 508.733+/-706.061 χ^2/NDF : 10.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -457.936+/-485.093 χ^2/NDF : 21.4/18

cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1303.447+/-0.499 χ^2/NDF : 492573.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1306.716+/-0.472 χ^2/NDF : 137388.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

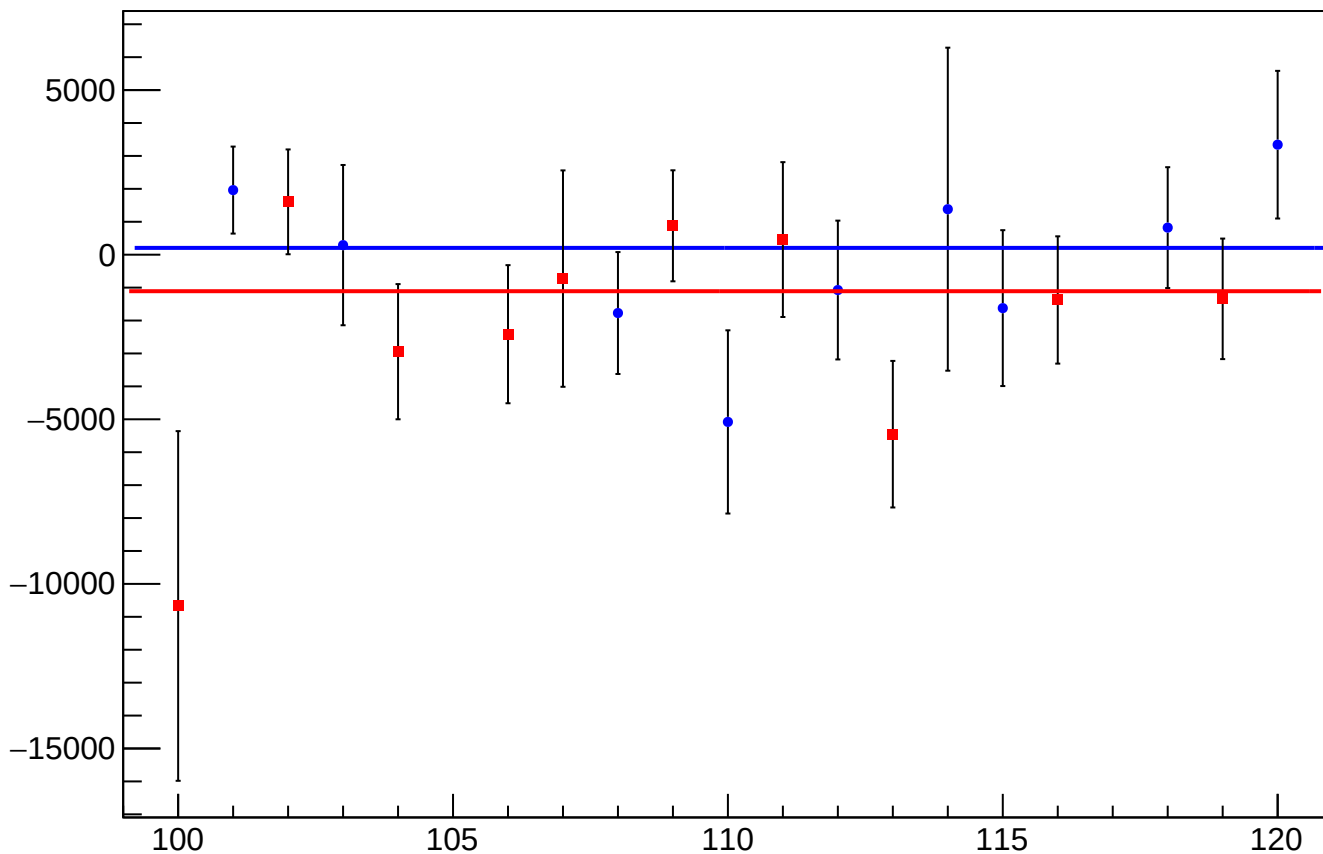
Right: 1305.173+/-0.343 χ^2/NDF : 629984.7/18

In: 1303.447+/-0.499 χ^2/NDF : 492573.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1305.173+/-0.343 χ^2/NDF : 629984.7/18

asym_at1_dd_at2_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 206.676+/-689.621 χ^2/NDF : 9.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1109.223+/-661.212 χ^2/NDF : 13.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

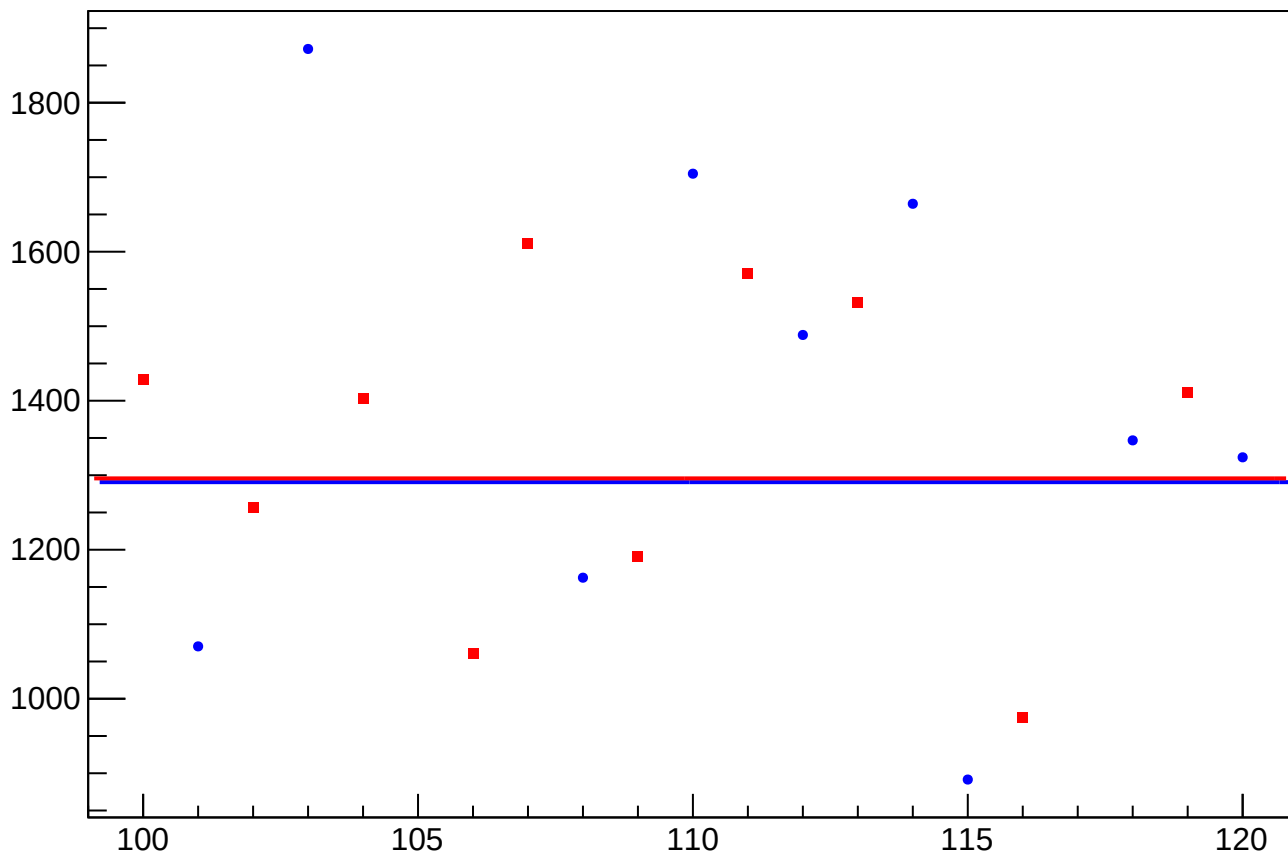
Right: -478.935+/-477.275 χ^2/NDF : 24.5/18

In: 206.676+/-689.621 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -478.935+/-477.275 χ^2/NDF : 24.5/18

asym_at1_dd_at2_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1290.697+/-0.488 χ^2/NDF : 311931.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1295.762+/-0.468 χ^2/NDF : 172059.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

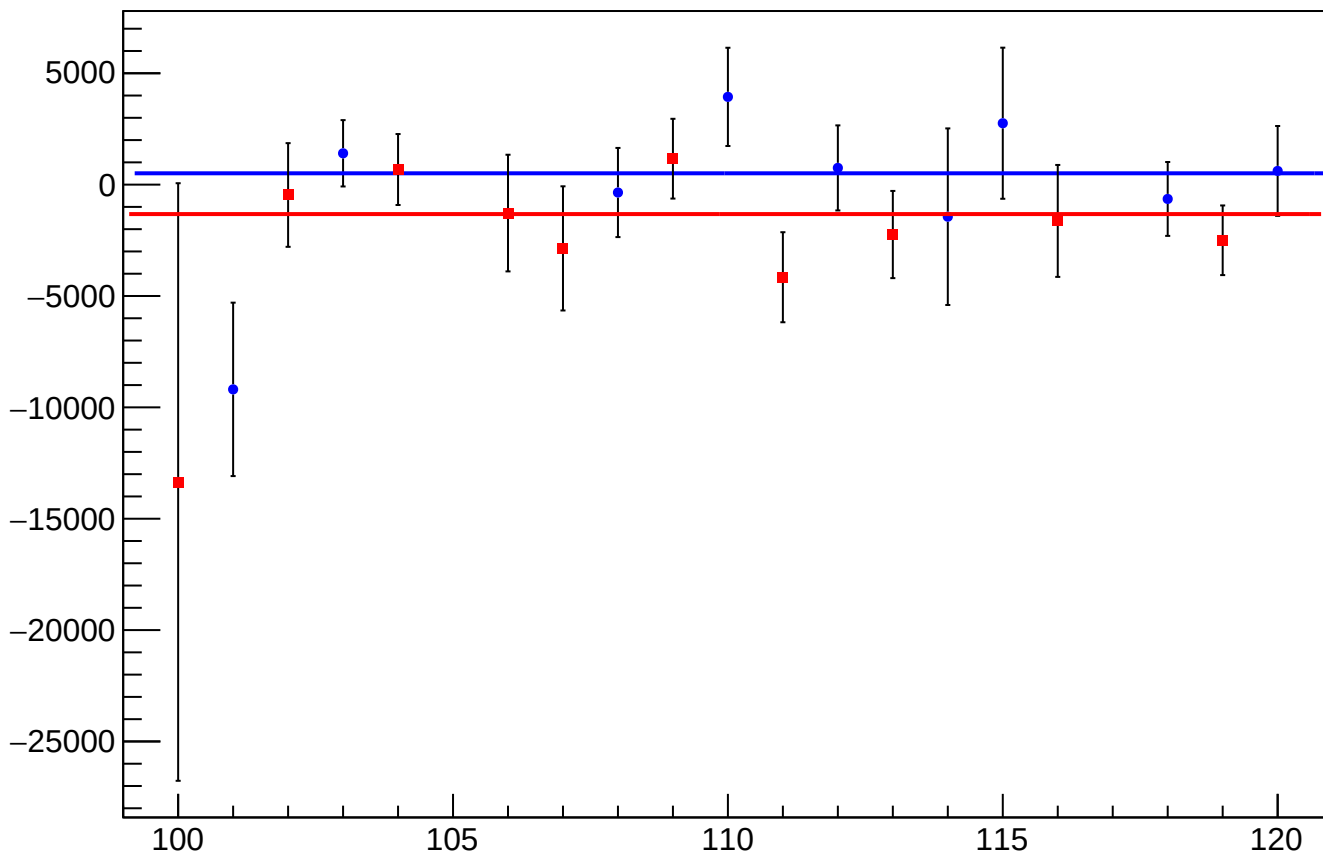
Right: 1293.336+/-0.337 χ^2/NDF : 484046.9/18

In: 1290.697+/-0.488 χ^2/NDF : 311931.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1293.336+/-0.337 χ^2/NDF : 484046.9/18

eigen_cor_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 508.733+/-706.061 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1322.171+/-667.605 χ^2/NDF : 7.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

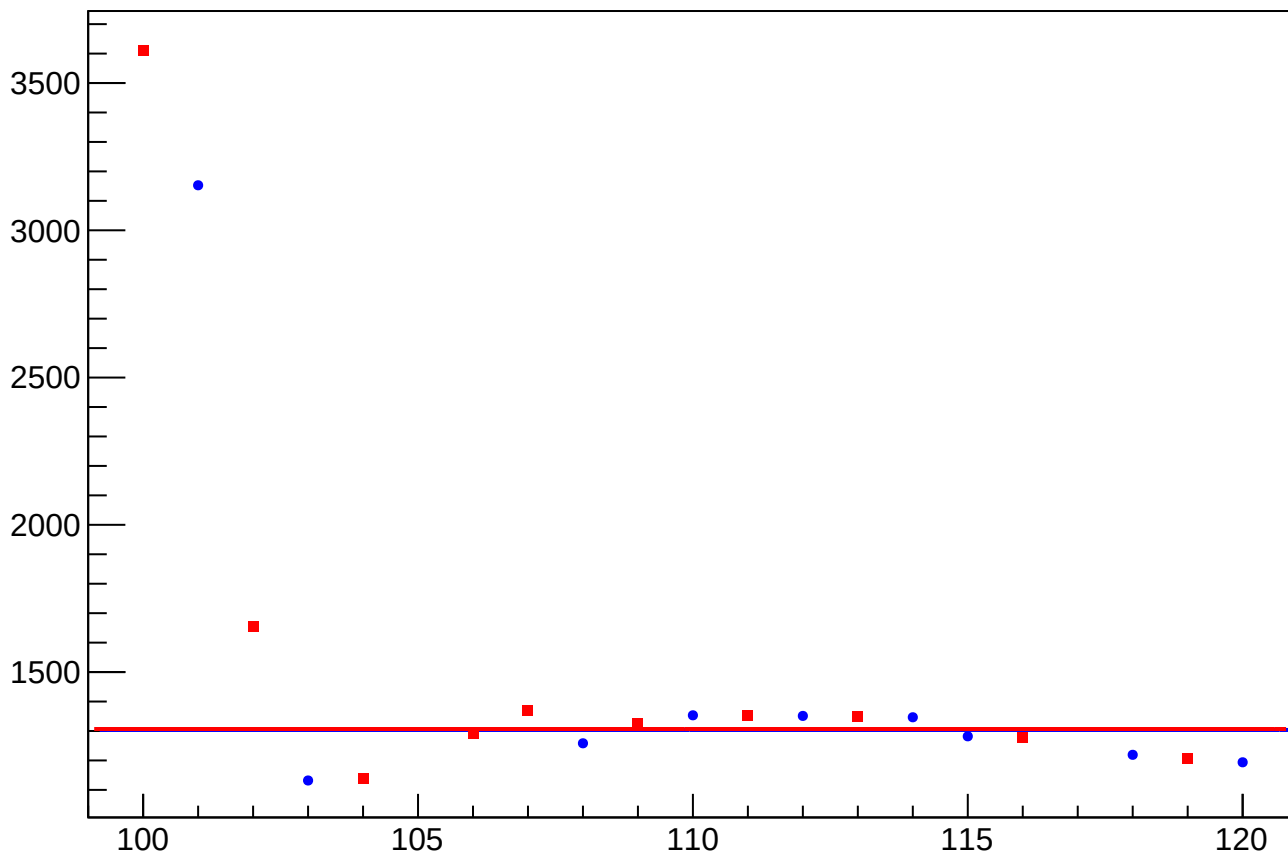
Right: -457.936+/-485.093 χ^2/NDF : 21.4/18

In: 508.733+/-706.061 χ^2/NDF : 10.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -457.936+/-485.093 χ^2/NDF : 21.4/18

eigen_cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1303.447+/-0.499 χ^2/NDF : 492573.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1306.716+/-0.472 χ^2/NDF : 137388.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

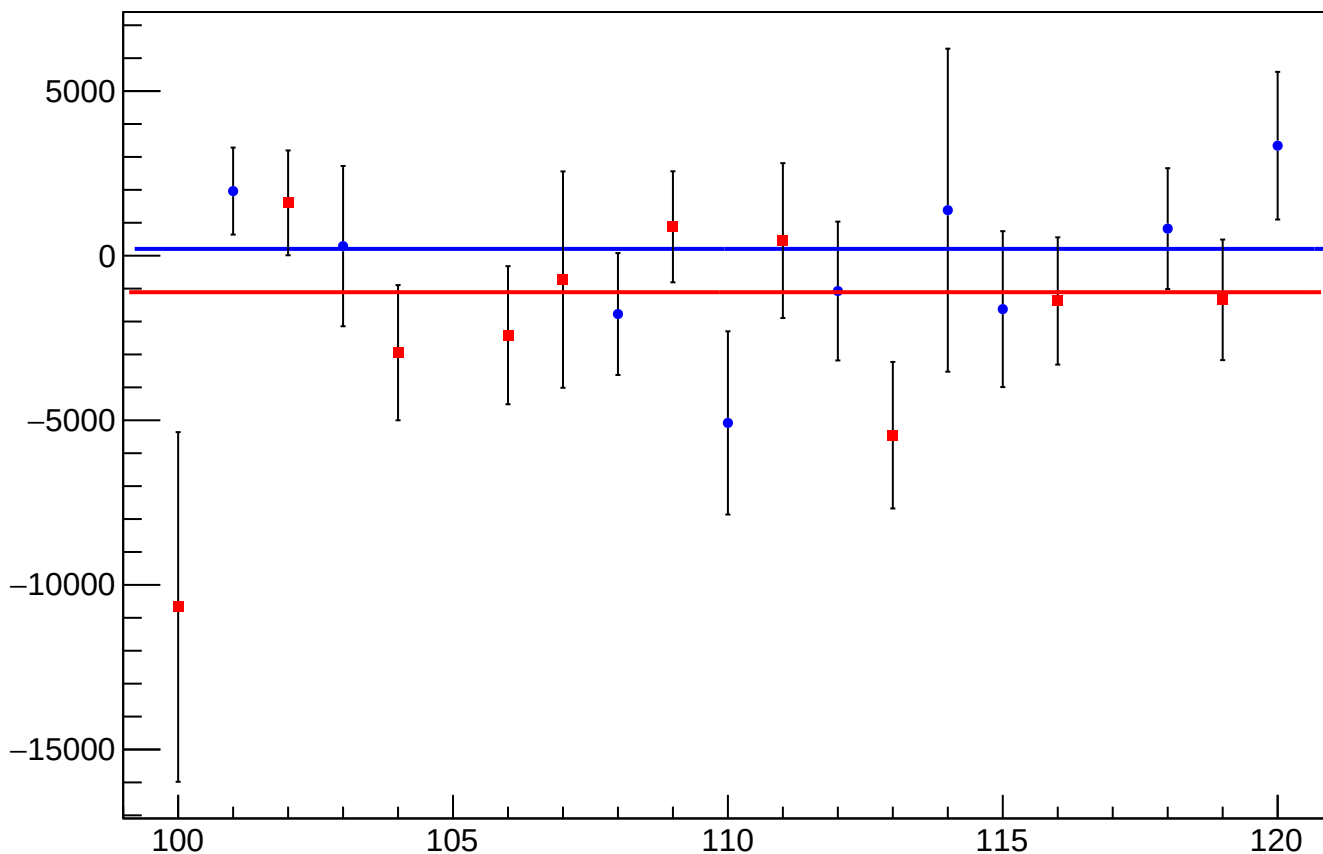
Right: 1305.173+/-0.343 χ^2/NDF : 629984.7/18

In: 1303.447+/-0.499 χ^2/NDF : 492573.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1305.173+/-0.343 χ^2/NDF : 629984.7/18

asym_at1_dd_at2_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 206.676+/-689.621 χ^2/NDF : 9.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1109.223+/-661.212 χ^2/NDF : 13.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

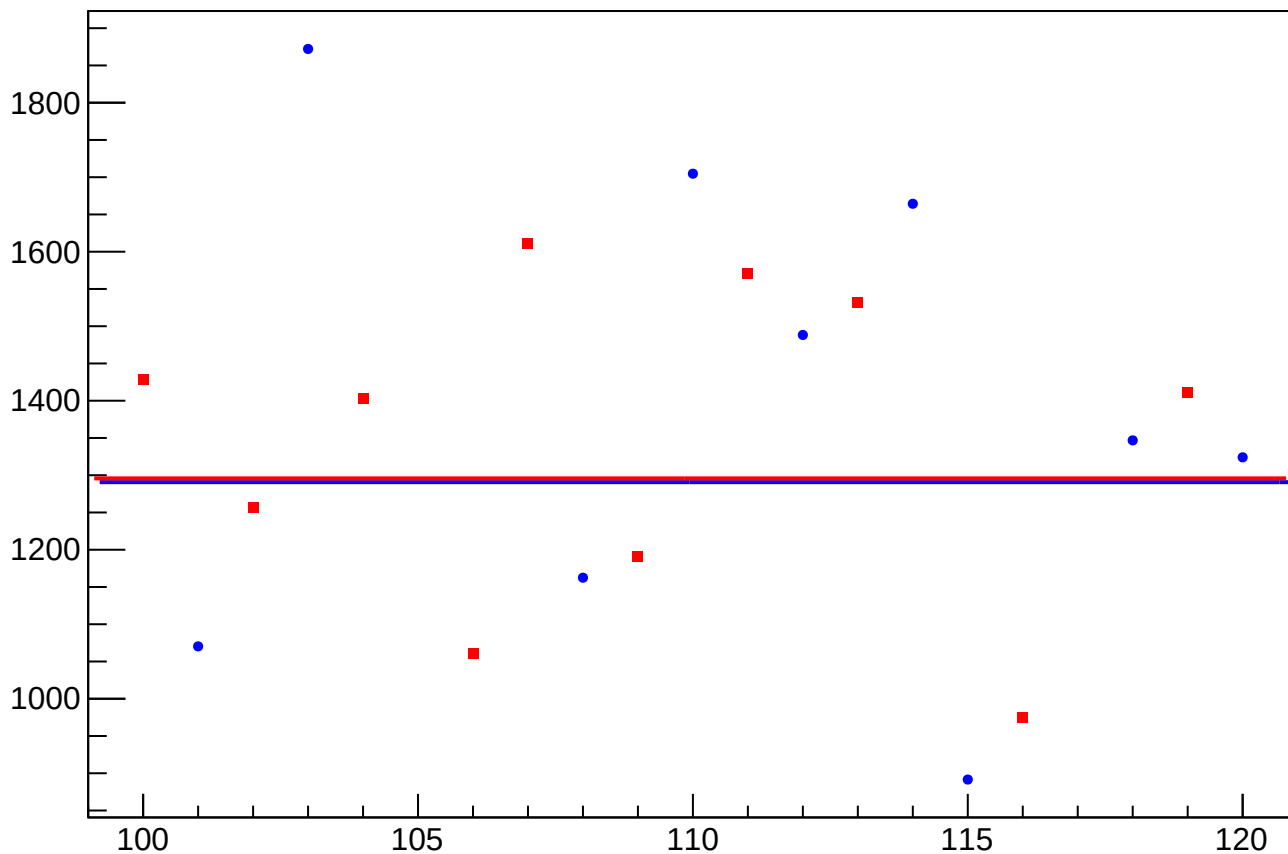
Right: -478.935+/-477.275 χ^2/NDF : 24.5/18

In: 206.676+/-689.621 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -478.935+/-477.275 χ^2/NDF : 24.5/18

asym_at1_dd_at2_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1290.697+/-0.488 χ^2/NDF : 311931.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1295.762+/-0.468 χ^2/NDF : 172059.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

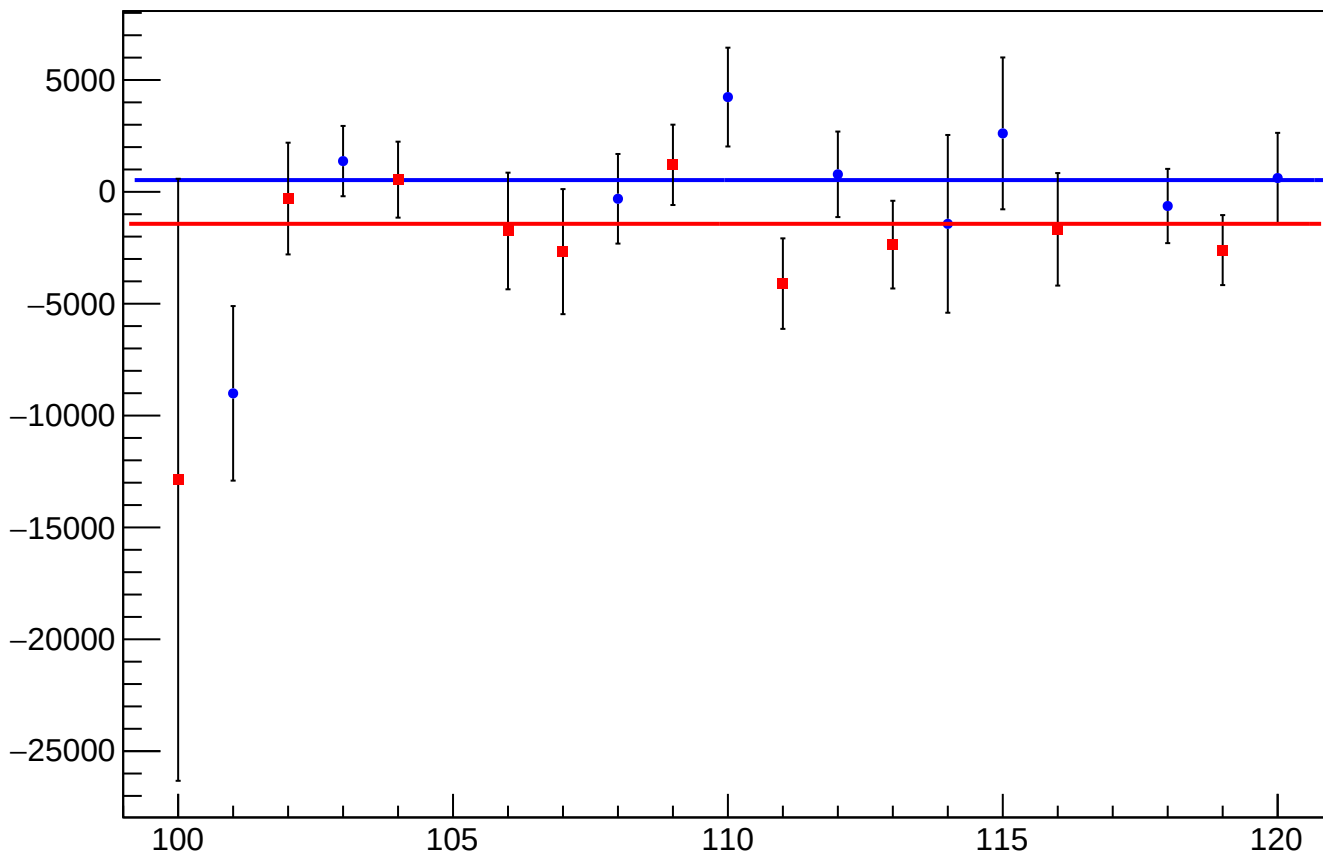
Right: 1293.336+/-0.337 χ^2/NDF : 484046.9/18

In: 1290.697+/-0.488 χ^2/NDF : 311931.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1293.336+/-0.337 χ^2/NDF : 484046.9/18

dit_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 526.025+/-714.769 χ^2 /NDF: 10.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1428.714+/-678.969 χ^2 /NDF: 7.2/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

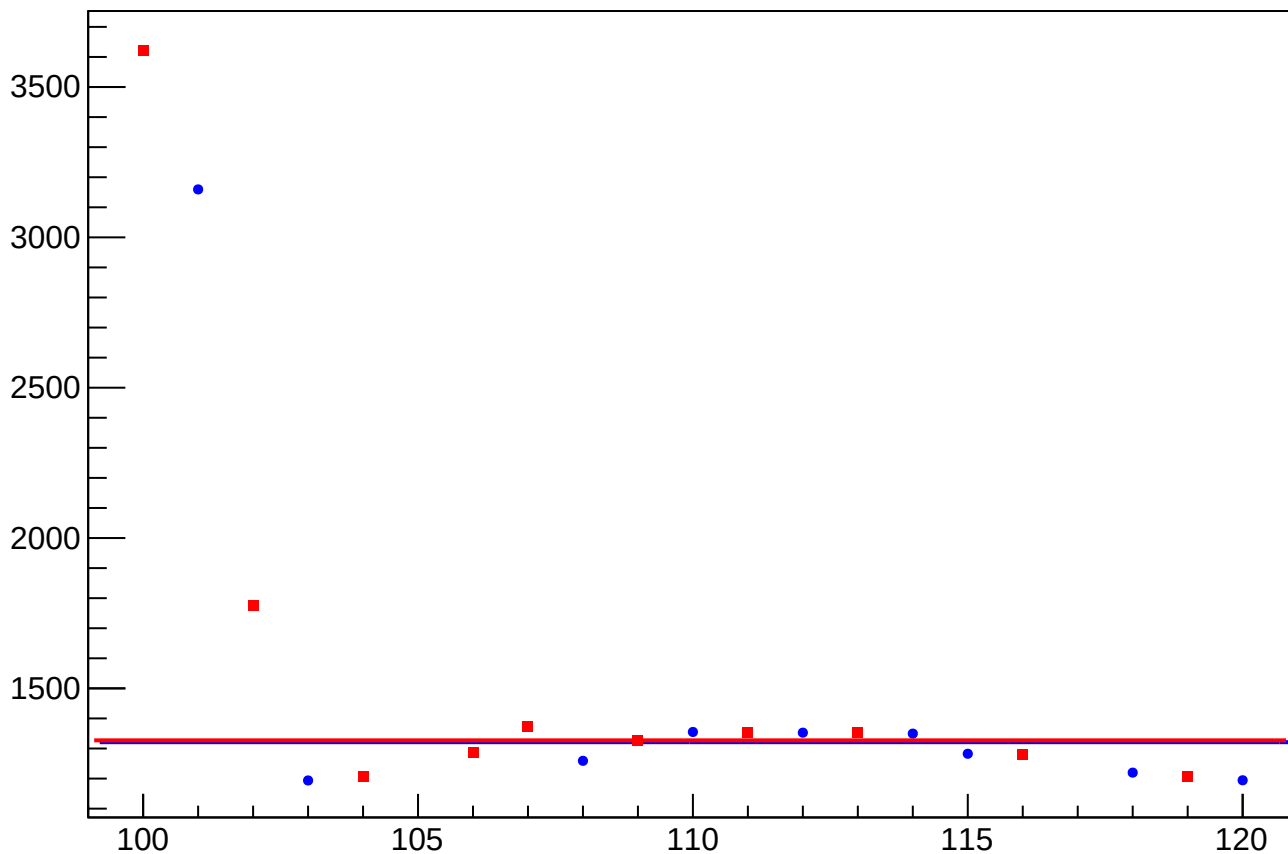
Right: -501.521+/-492.273 χ^2 /NDF: 21.5/18

In: 526.025+/-714.769 χ^2 /NDF:10.4/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -501.521+/-492.273 χ^2 /NDF: 21.5/18

dit_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1321.049+/-0.505 χ^2/NDF : 475870.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1327.118+/-0.480 χ^2/NDF : 146713.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

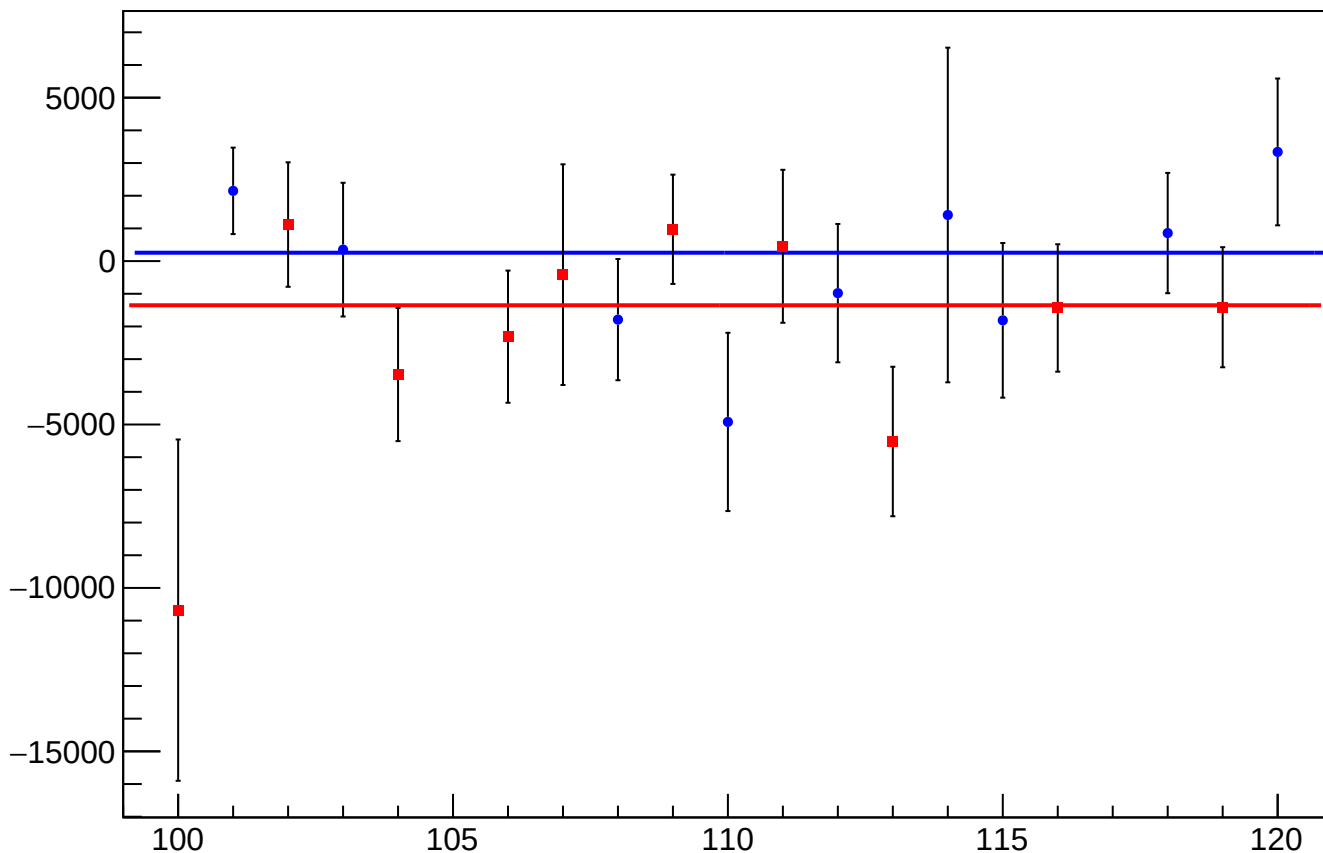
Right: 1324.240+/-0.348 χ^2/NDF : 622660.1/18

In: 1321.049+/-0.505 χ^2/NDF : 475870.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1324.240+/-0.348 χ^2/NDF : 622660.1/18

asym_at1_dd_at2_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 256.364+/-678.948 χ^2/NDF : 10.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1351.569+/-677.736 χ^2/NDF : 12.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

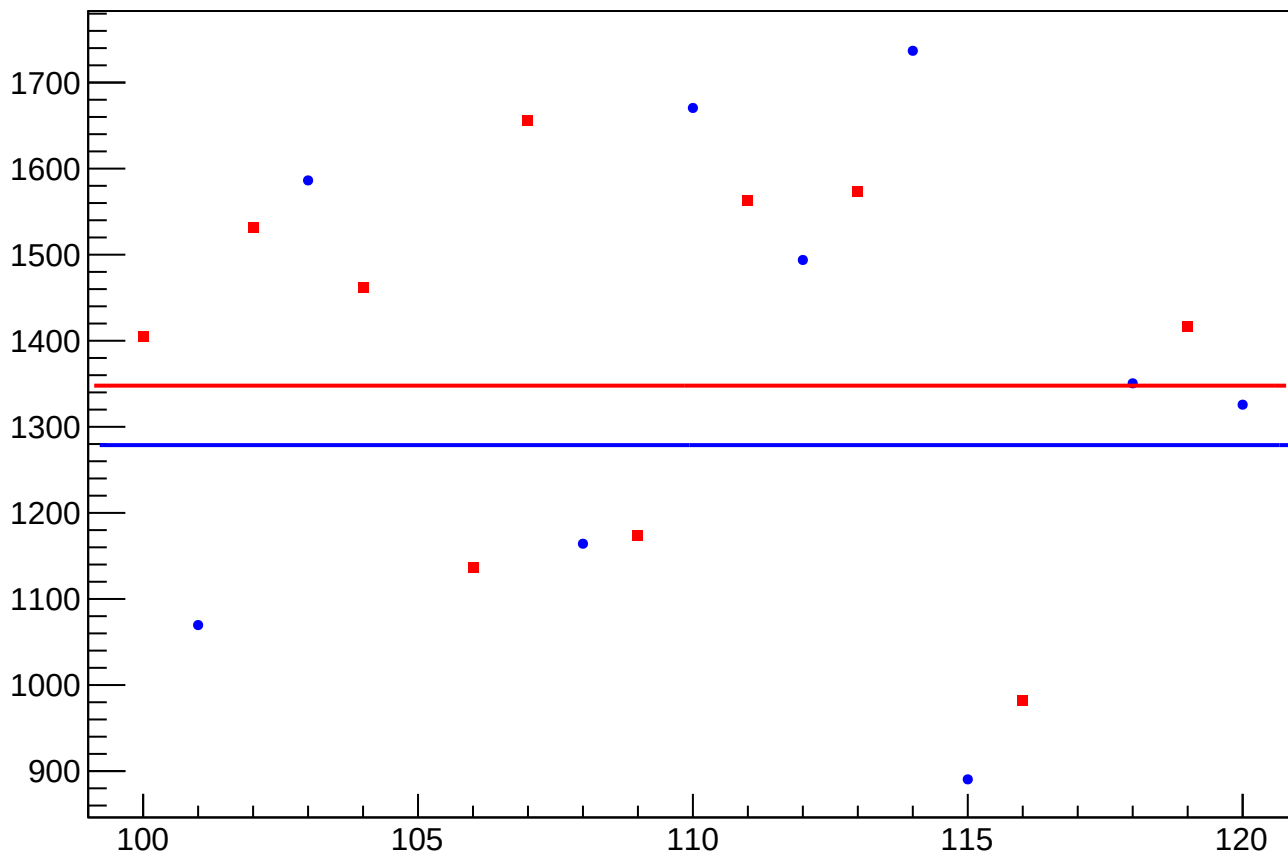
Right: -549.039+/-479.660 χ^2/NDF : 24.9/18

In: 256.364+/-678.948 χ^2/NDF : 10.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -549.039+/-479.660 χ^2/NDF : 24.9/18

asym_at1_dd_at2_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1278.751+/-0.480 χ^2/NDF : 238566.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1347.839+/-0.479 χ^2/NDF : 194639.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

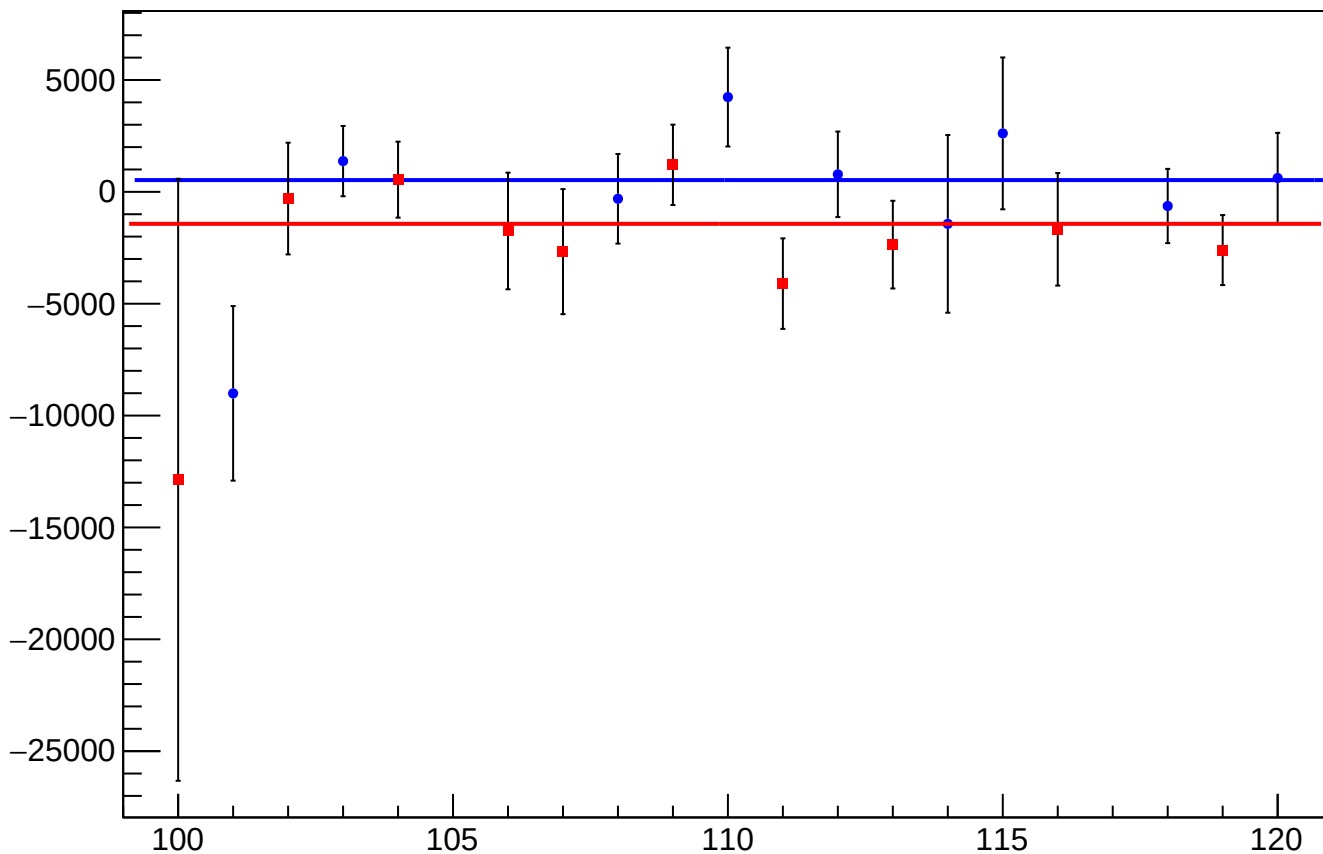
Right: 1313.357+/-0.339 χ^2/NDF : 443579.0/18

In: 1278.751+/-0.480 χ^2/NDF : 238566.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1313.357+/-0.339 χ^2/NDF : 443579.0/18

eigen_dit_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 526.021+/-714.769 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1428.715+/-678.969 χ^2/NDF : 7.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

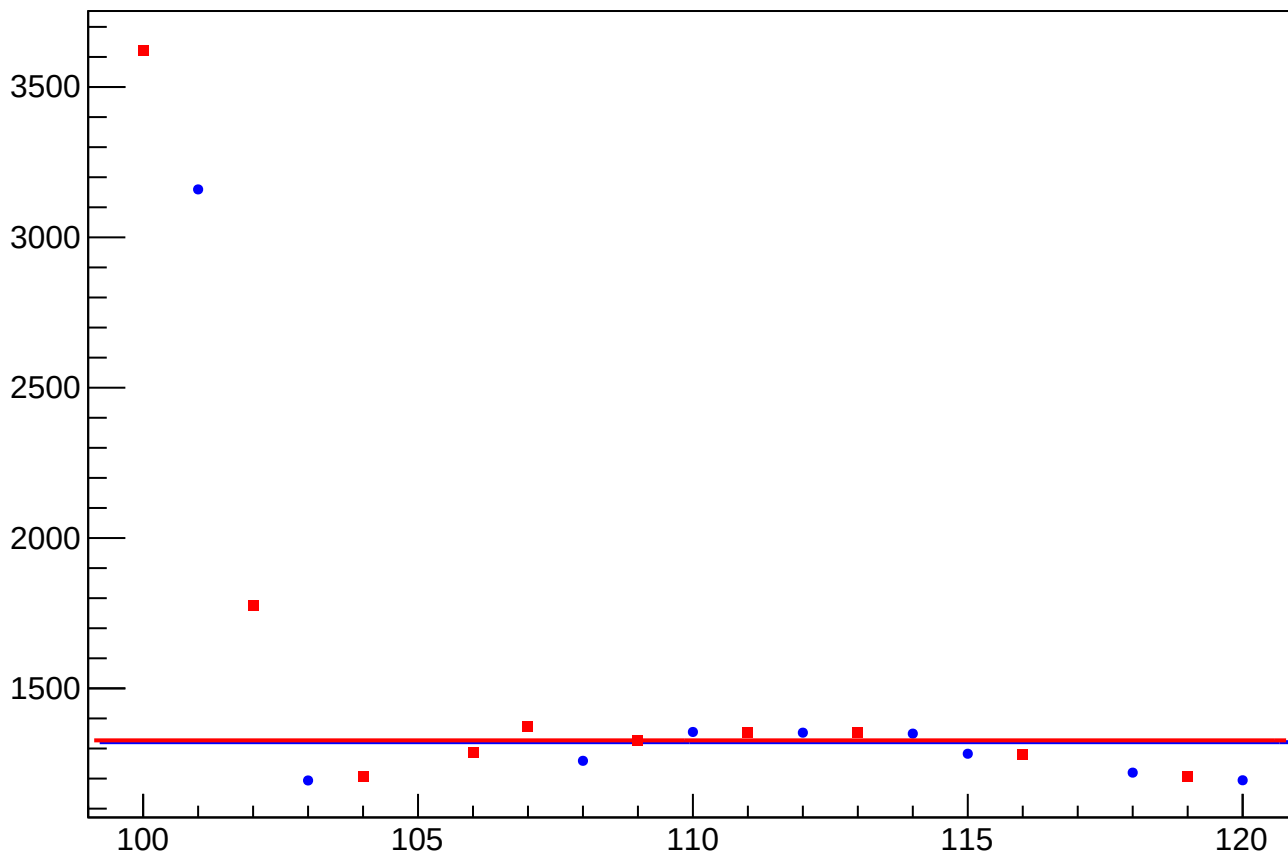
Right: -501.524+/-492.273 χ^2/NDF : 21.5/18

In: 526.021+/-714.769 χ^2/NDF :10.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -501.524+/-492.273 χ^2/NDF : 21.5/18

eigen_dit_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1321.049+/-0.505 χ^2/NDF : 475871.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1327.118+/-0.480 χ^2/NDF : 146713.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

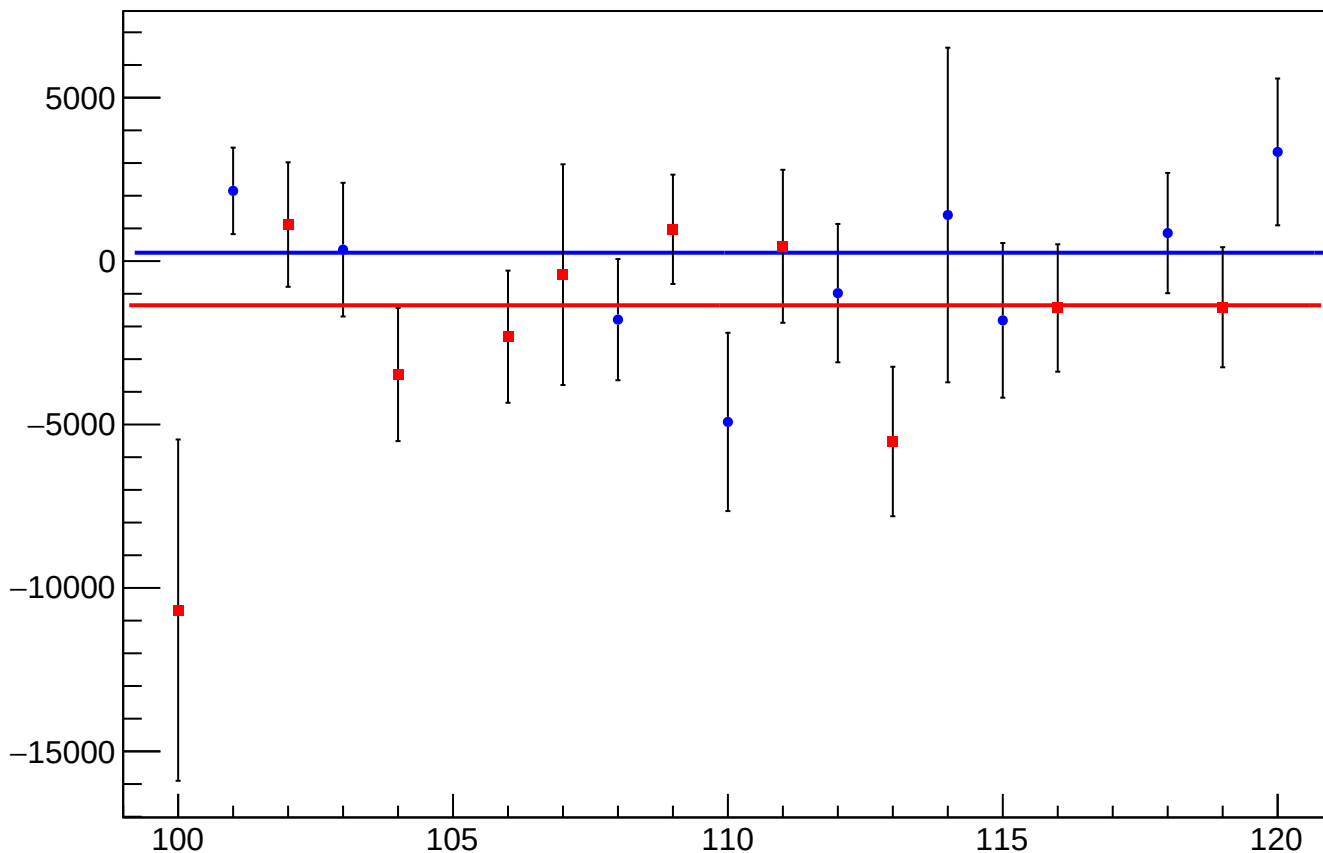
Right: 1324.240+/-0.348 χ^2/NDF : 622660.1/18

In: 1321.049+/-0.505 χ^2/NDF : 475871.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1324.240+/-0.348 χ^2/NDF : 622660.1/18

asym_at1_dd_at2_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 256.363+/-678.946 χ^2/NDF : 10.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1351.572+/-677.736 χ^2/NDF : 12.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

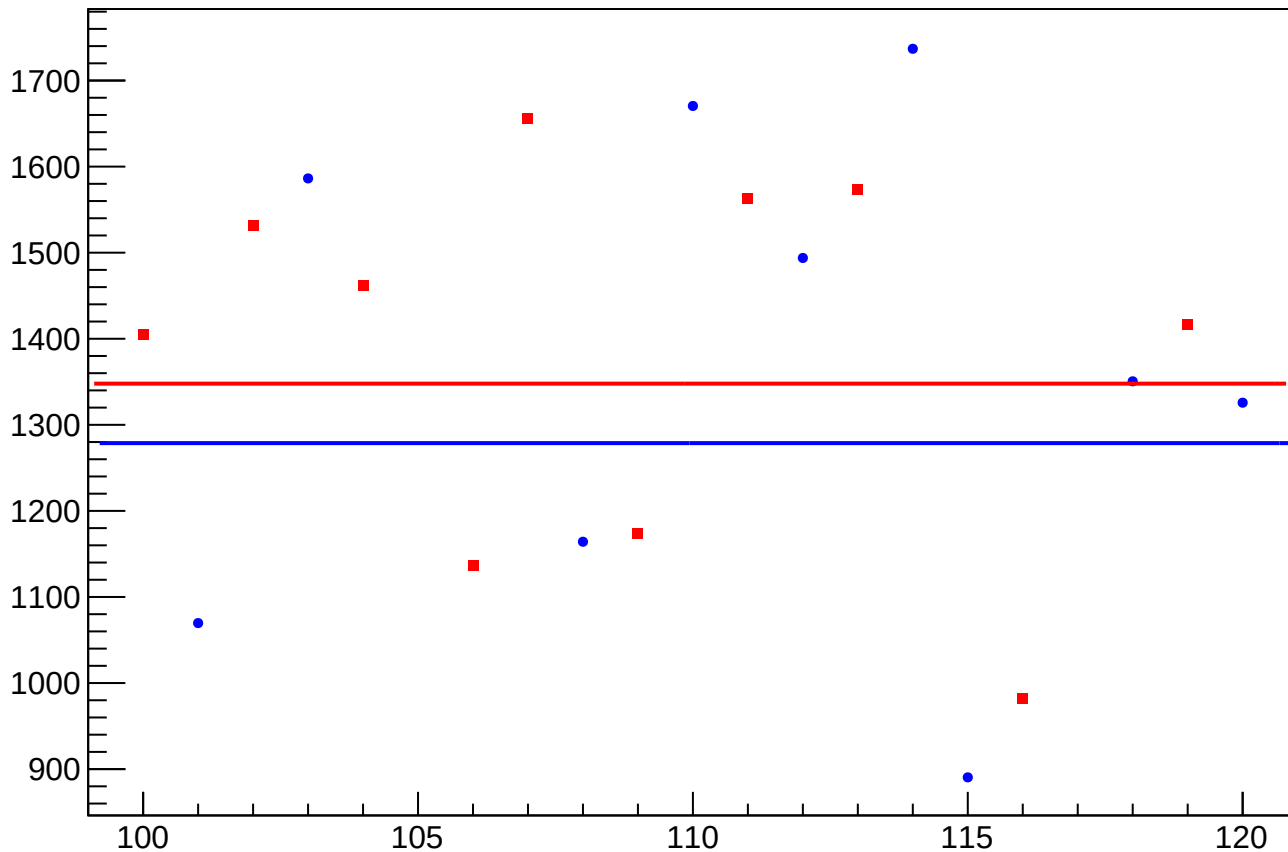
Right: -549.039+/-479.659 χ^2/NDF : 24.9/18

In: 256.363+/-678.946 χ^2/NDF : 10.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -549.039+/-479.659 χ^2/NDF : 24.9/18

asym_at1_dd_at2_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1278.748+/-0.480 χ^2/NDF : 238571.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1347.840+/-0.479 χ^2/NDF : 194638.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

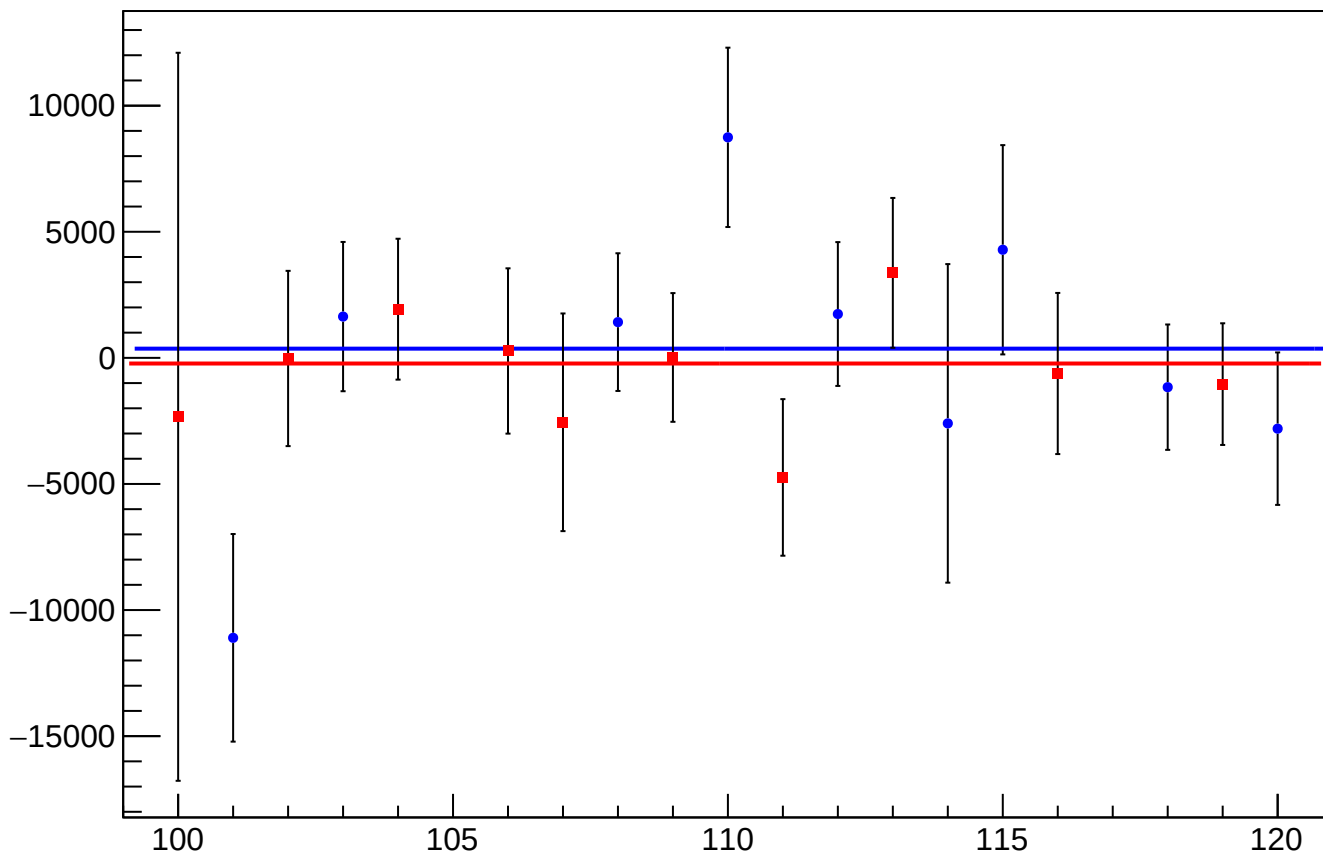
Right: 1313.356+/-0.339 χ^2/NDF : 443583.9/18

In: 1278.748+/-0.480 χ^2/NDF : 238571.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1313.356+/-0.339 χ^2/NDF : 443583.9/18

asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 365.416+/-1075.930 χ^2/NDF : 16.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -224.083+/-998.479 χ^2/NDF : 4.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

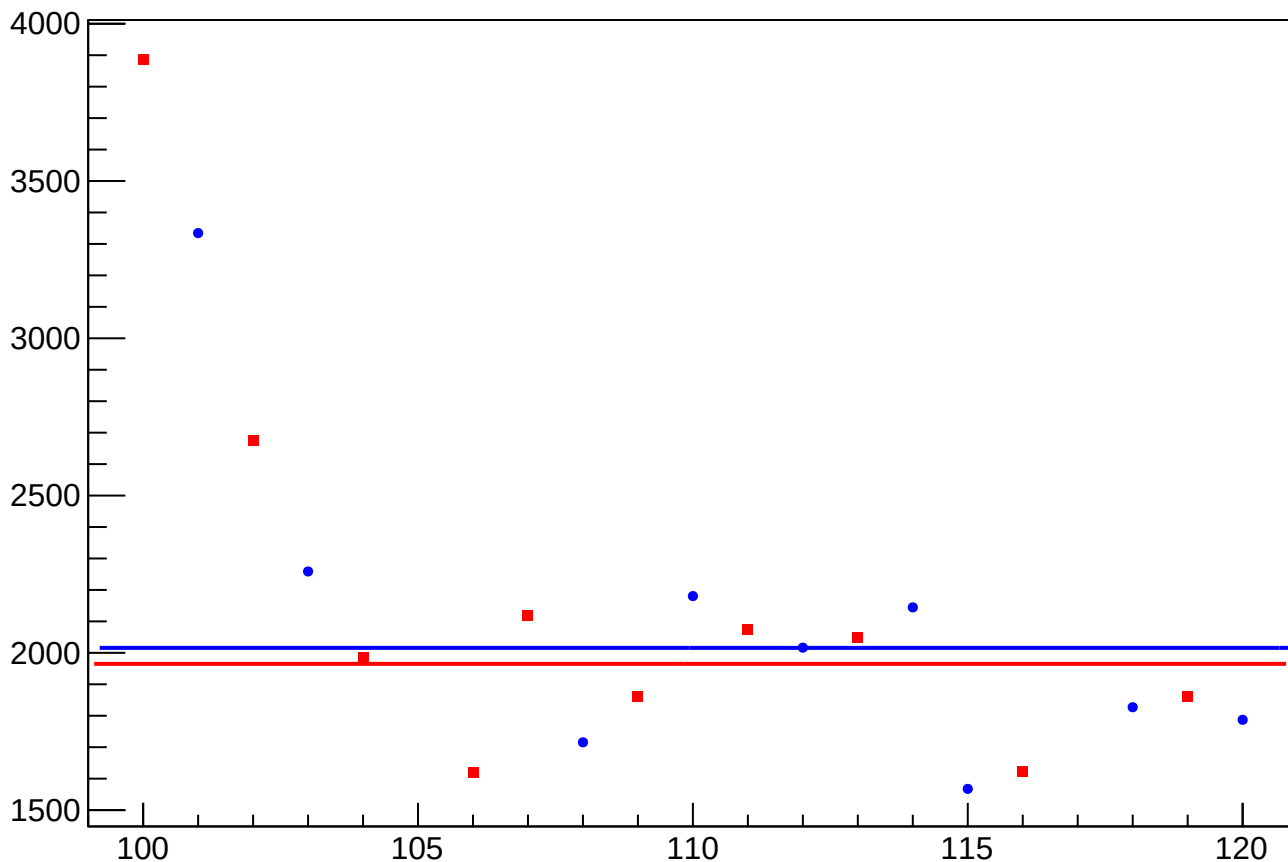
Right: 48.688+/-731.882 χ^2/NDF : 21.3/18

In: 365.416+/-1075.930 χ^2/NDF : 16.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.688+/-731.882 χ^2/NDF : 21.3/18

asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 2015.798+/-0.761 χ^2/NDF : 294337.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1965.020+/-0.706 χ^2/NDF : 177626.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

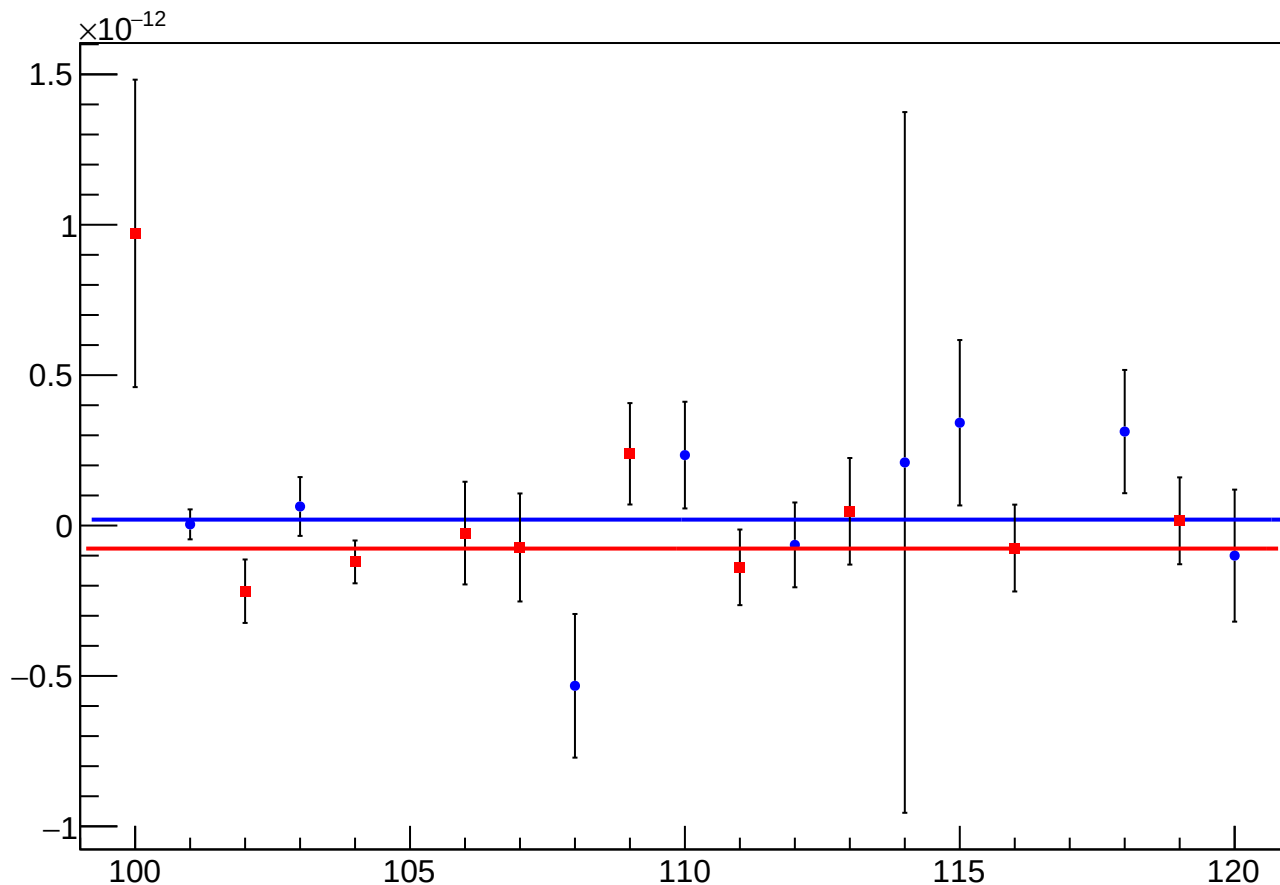
Right: 1988.515+/-0.518 χ^2/NDF : 474357.8/18

In: 2015.798+/-0.761 χ^2/NDF : 294337.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1988.515+/-0.518 χ^2/NDF : 474357.8/18

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

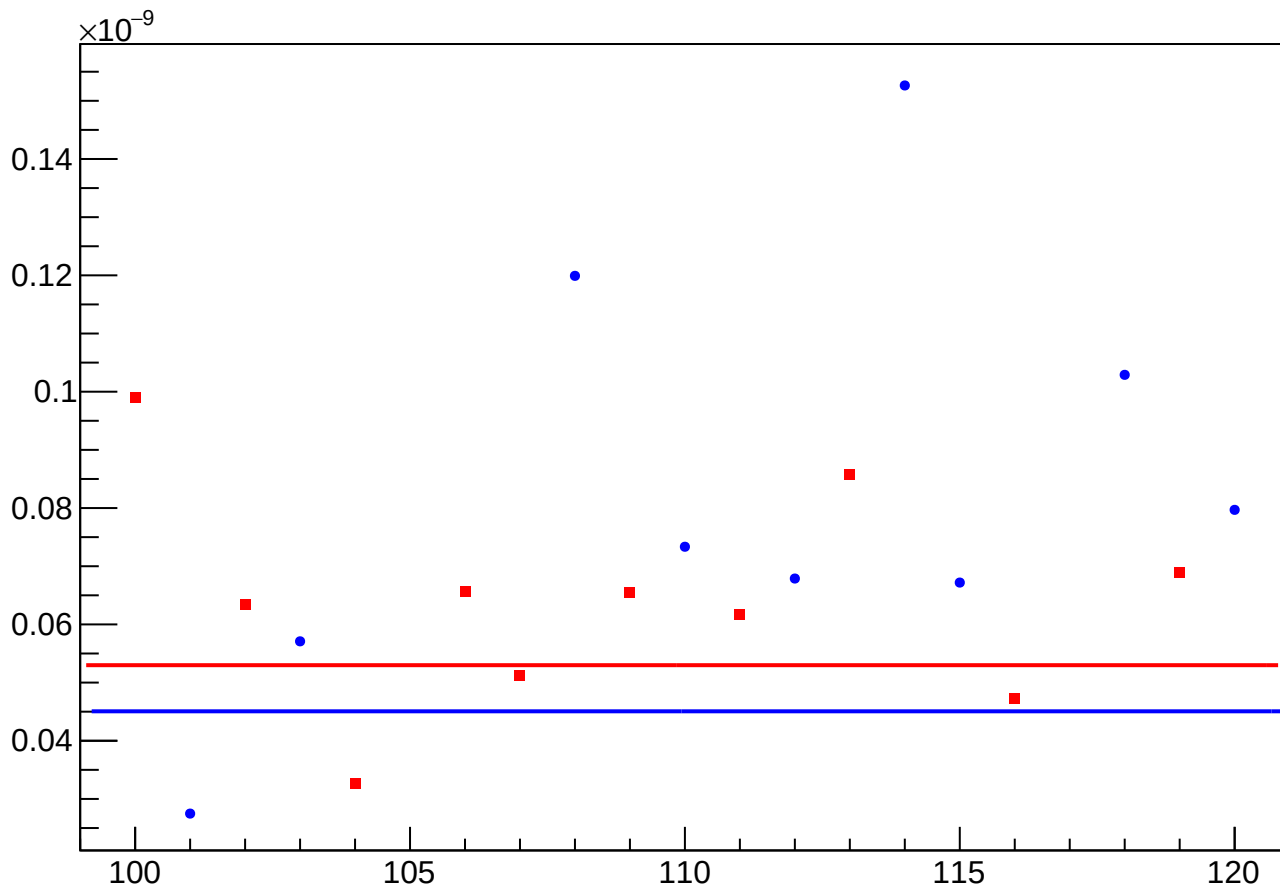
Right: -0.000+/-0.000 χ^2/NDF : 25.2/18

In: 0.000+/-0.000 χ^2/NDF : 11.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.2/18

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 818463.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 327902.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

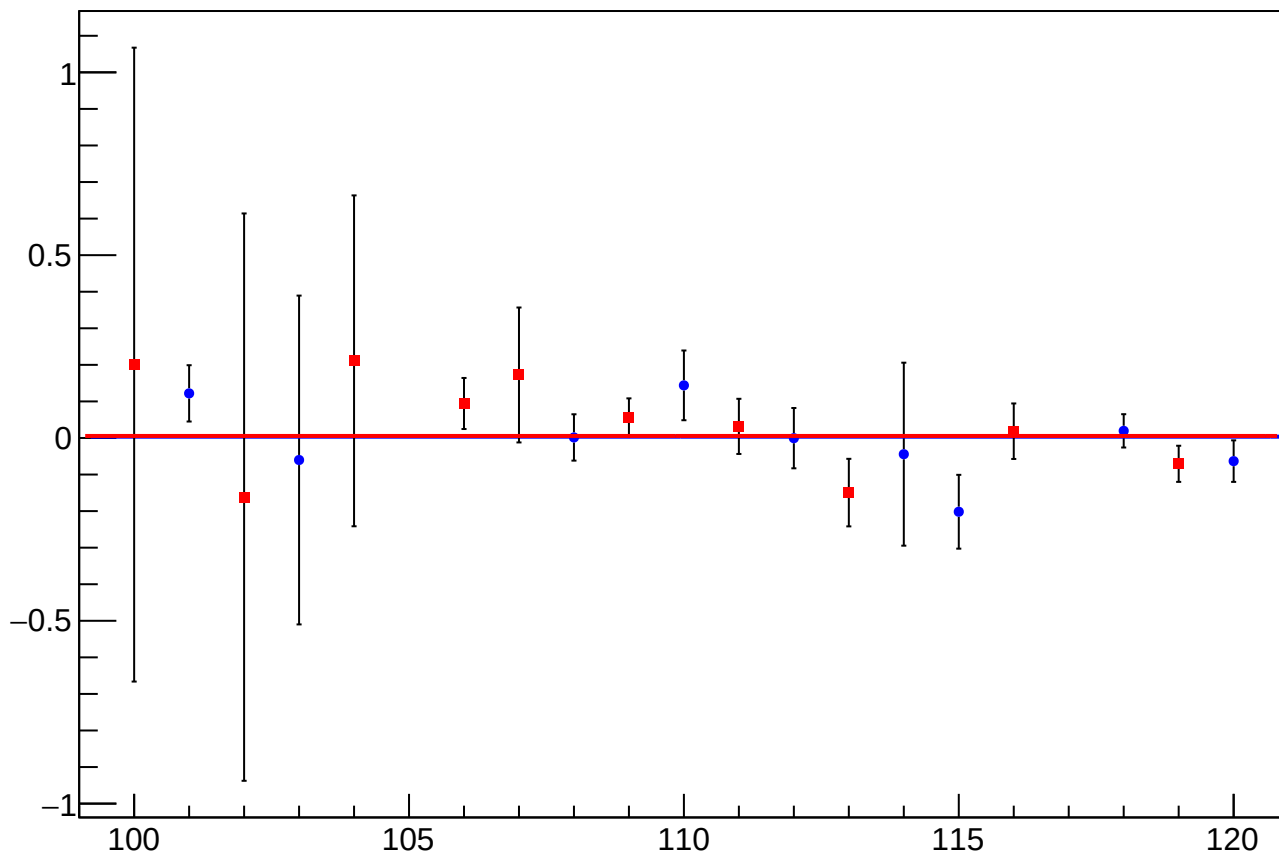
Right: 0.000+/-0.000 χ^2/NDF : 1185431.9/18

In: 0.000+/-0.000 χ^2/NDF : 818463.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1185431.9/18

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.025 χ^2/NDF : 10.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.026 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

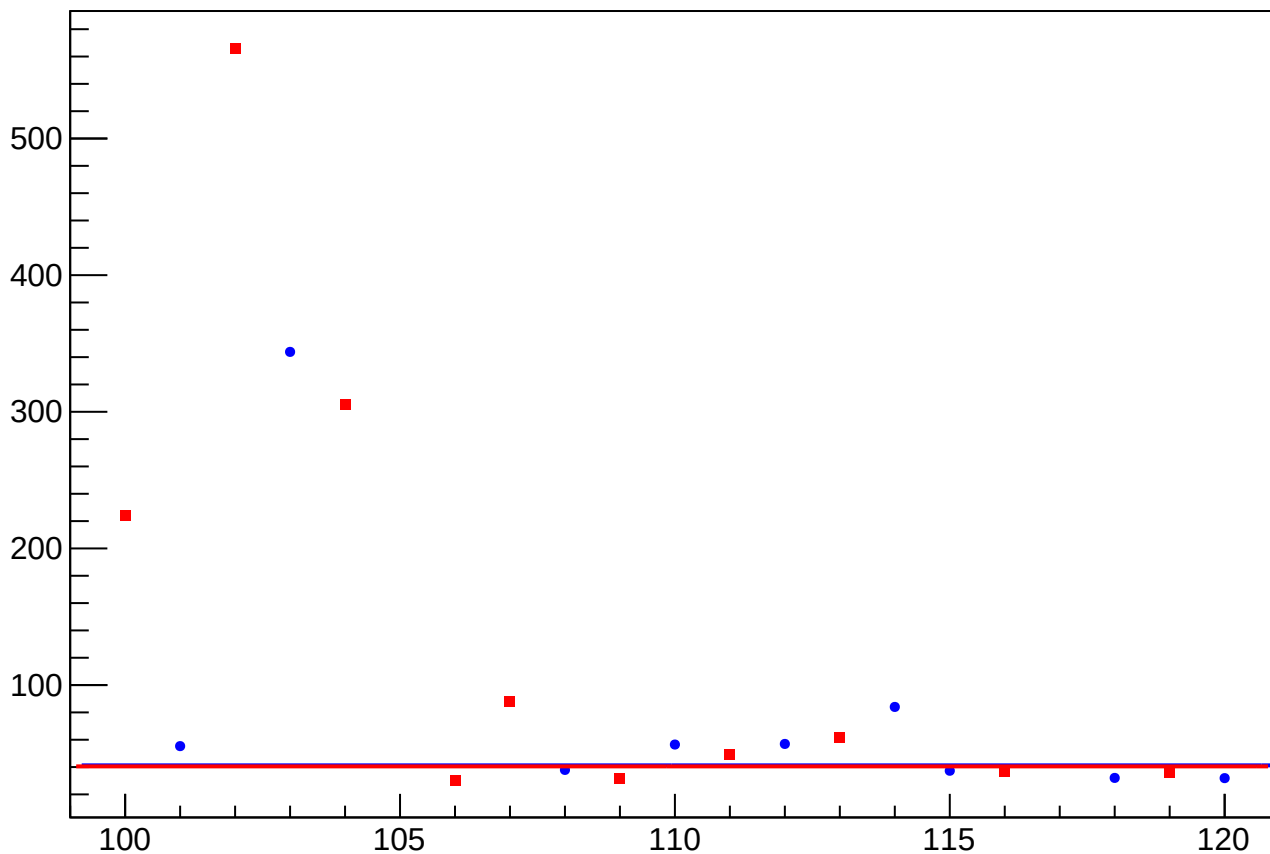
Right: 0.005+/-0.018 χ^2/NDF : 19.2/18

In: 0.004+/-0.025 χ^2/NDF : 10.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.018 χ^2/NDF : 19.2/18

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.247+/-0.018 χ^2/NDF : 1298346.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.496+/-0.018 χ^2/NDF : 2084771.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

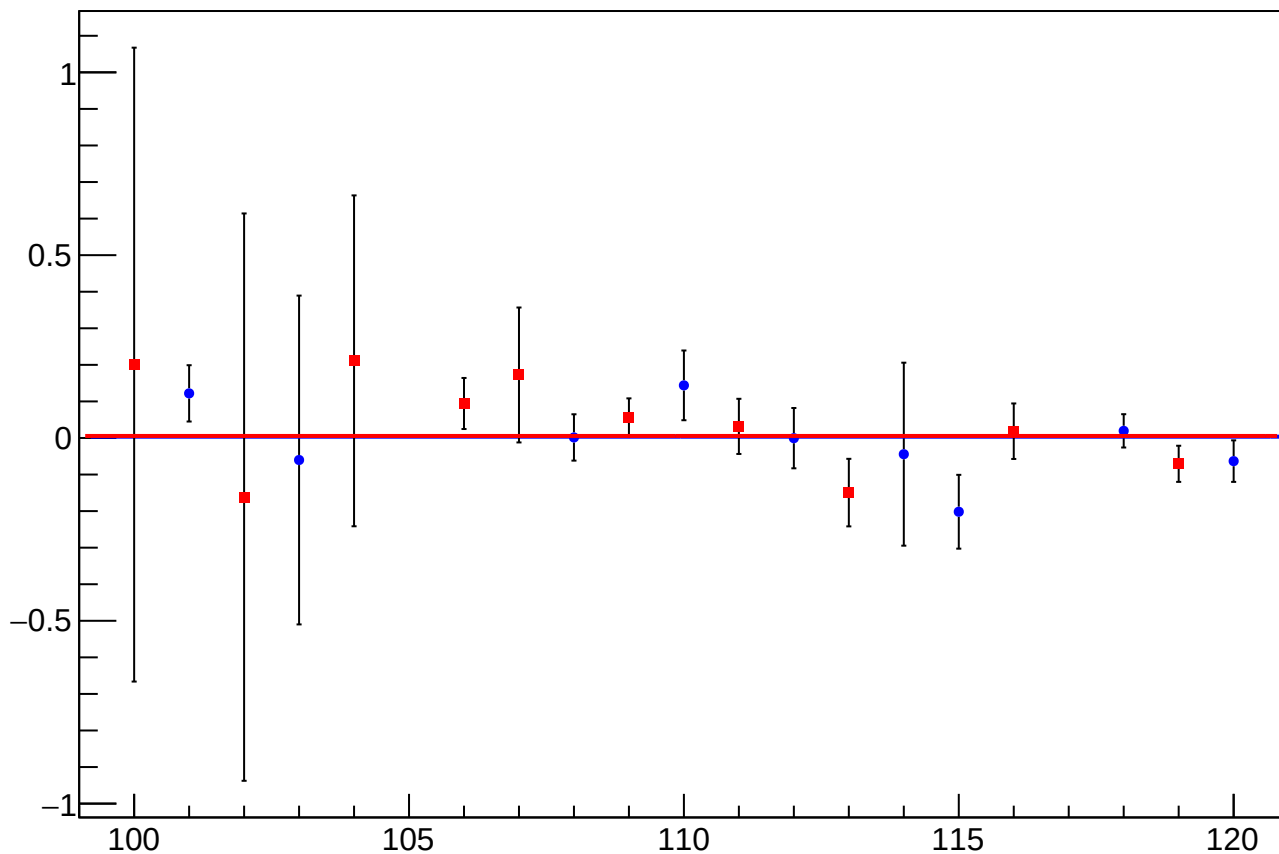
Right: 40.884+/-0.013 χ^2/NDF : 3383985.2/18

In: 41.247+/-0.018 χ^2/NDF : 1298346.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.884+/-0.013 χ^2/NDF : 3383985.2/18

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.025 χ^2/NDF : 10.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.026 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

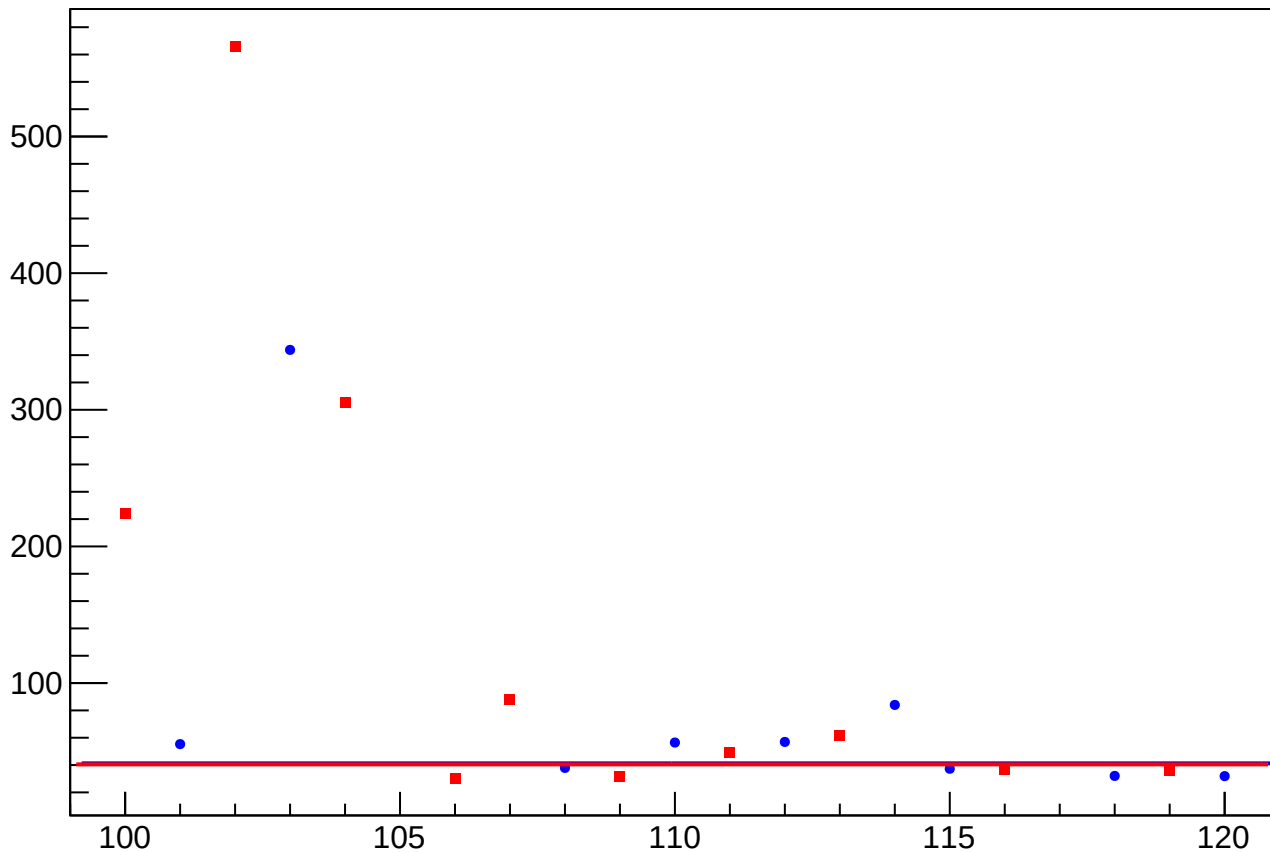
Right: 0.005+/-0.018 χ^2/NDF : 19.2/18

In: 0.004+/-0.025 χ^2/NDF :10.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.018 χ^2/NDF : 19.2/18

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.247+/-0.018 χ^2/NDF : 1298346.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.496+/-0.018 χ^2/NDF : 2084771.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

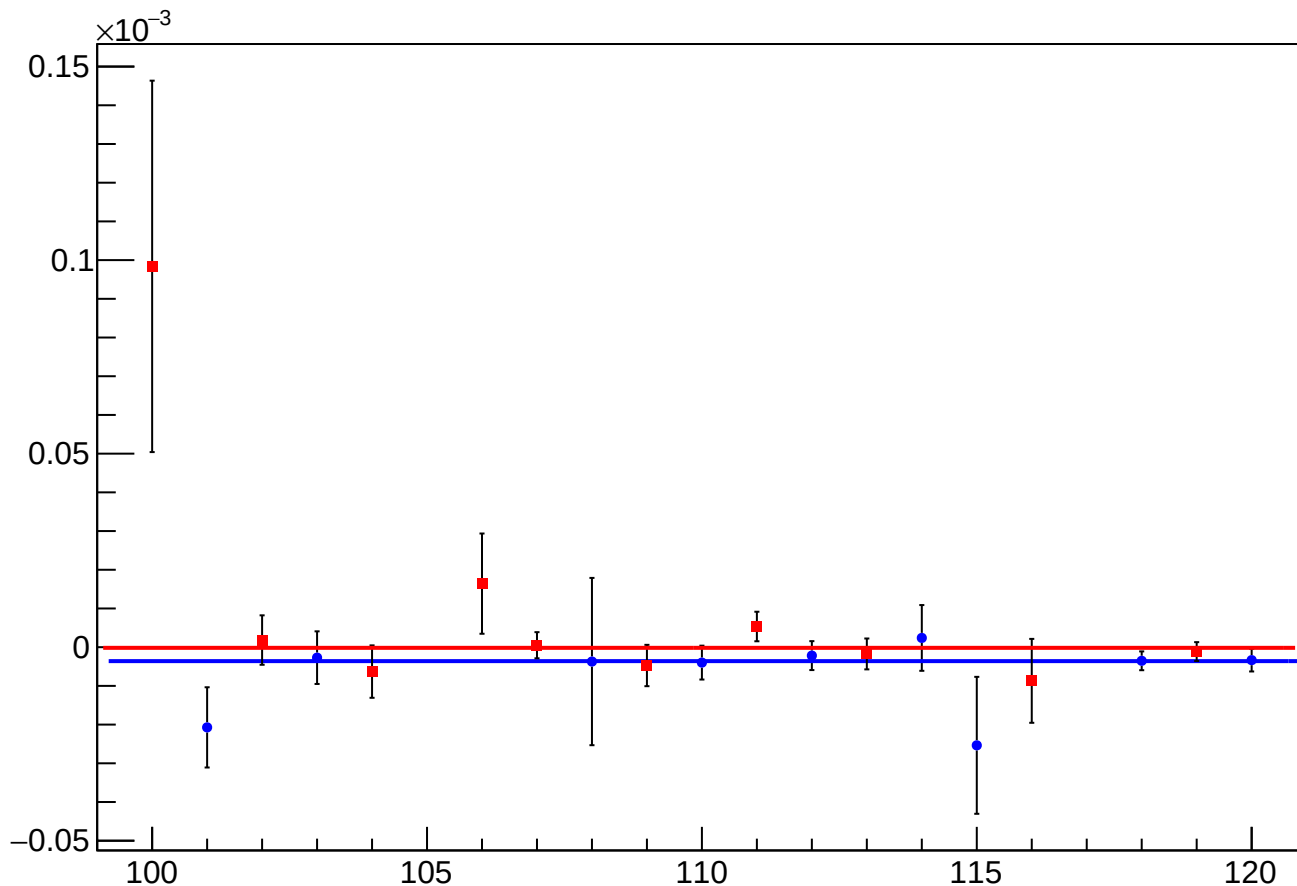
Right: 40.884+/-0.013 χ^2/NDF : 3383985.2/18

In: 41.247+/-0.018 χ^2/NDF : 1298346.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.884+/-0.013 χ^2/NDF : 3383985.2/18

asym_at1_dd_at2_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

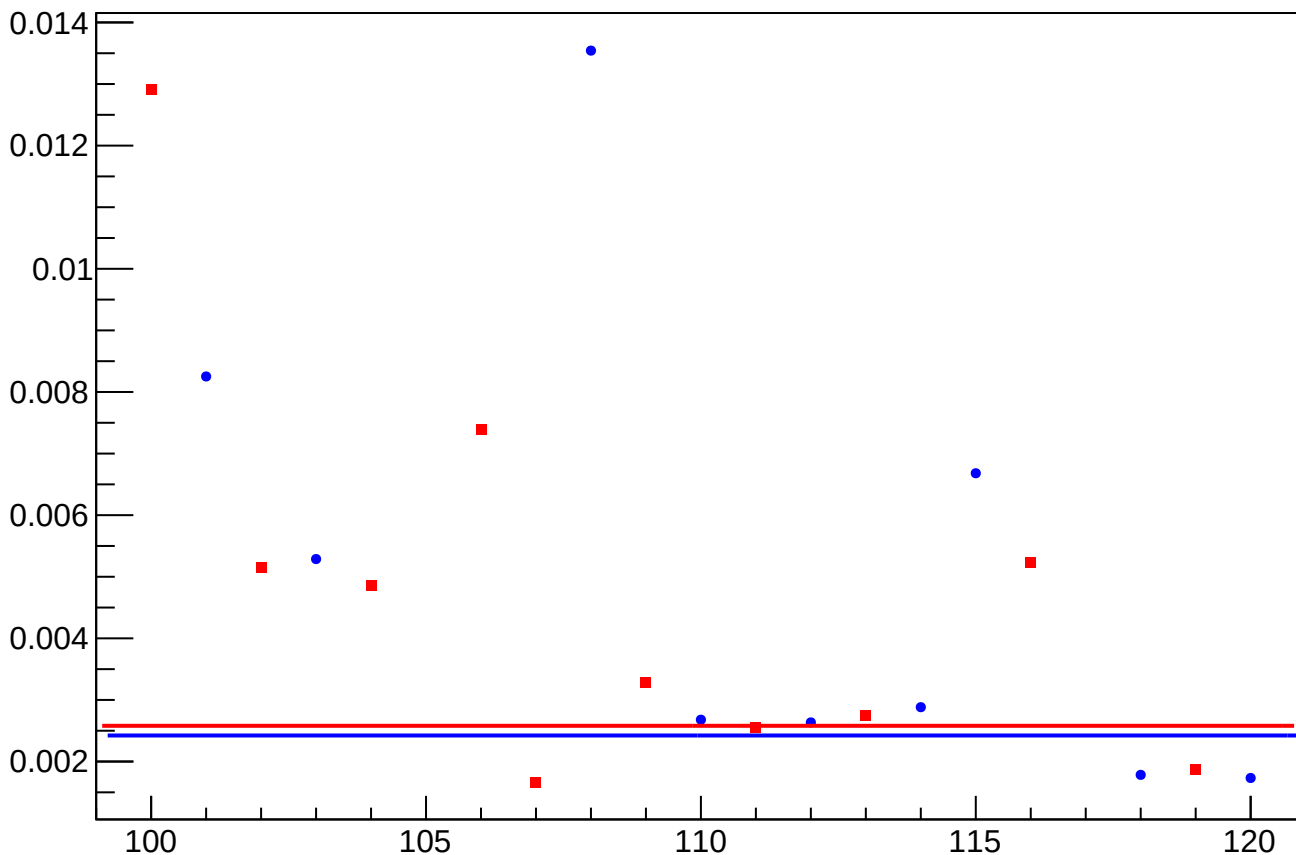
Right: -0.000+/-0.000 χ^2/NDF : 18.3/18

In: -0.000+/-0.000 χ^2/NDF : 4.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.3/18

asym_at1_dd_at2_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1901622.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1395657.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

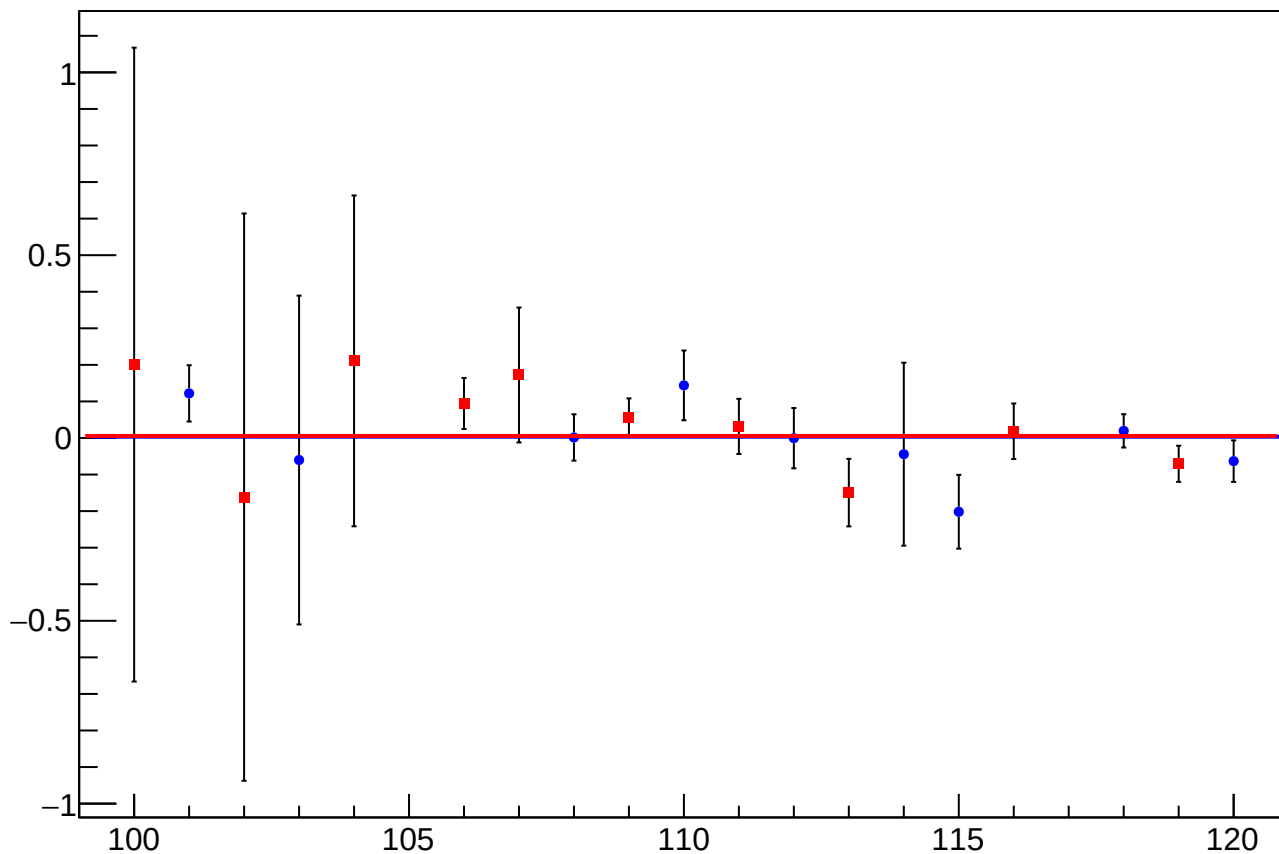
Right: 0.003+/-0.000 χ^2/NDF : 3308951.0/18

In: 0.002+/-0.000 χ^2/NDF : 1901622.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3308951.0/18

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.025 χ^2/NDF : 10.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.026 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

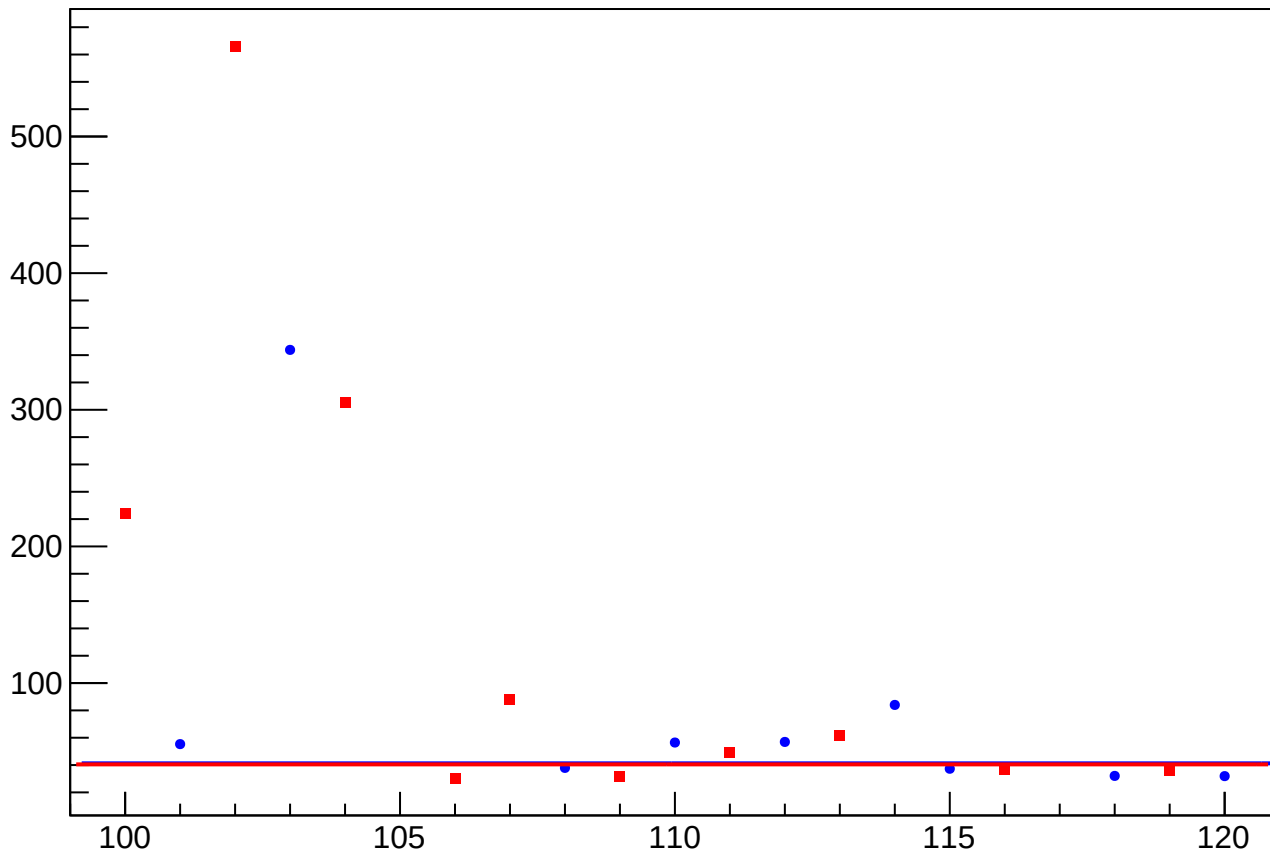
Right: 0.005+/-0.018 χ^2/NDF : 19.2/18

In: 0.004+/-0.025 χ^2/NDF : 10.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.018 χ^2/NDF : 19.2/18

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.249+/-0.018 χ^2/NDF : 1298349.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.494+/-0.018 χ^2/NDF : 2084814.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

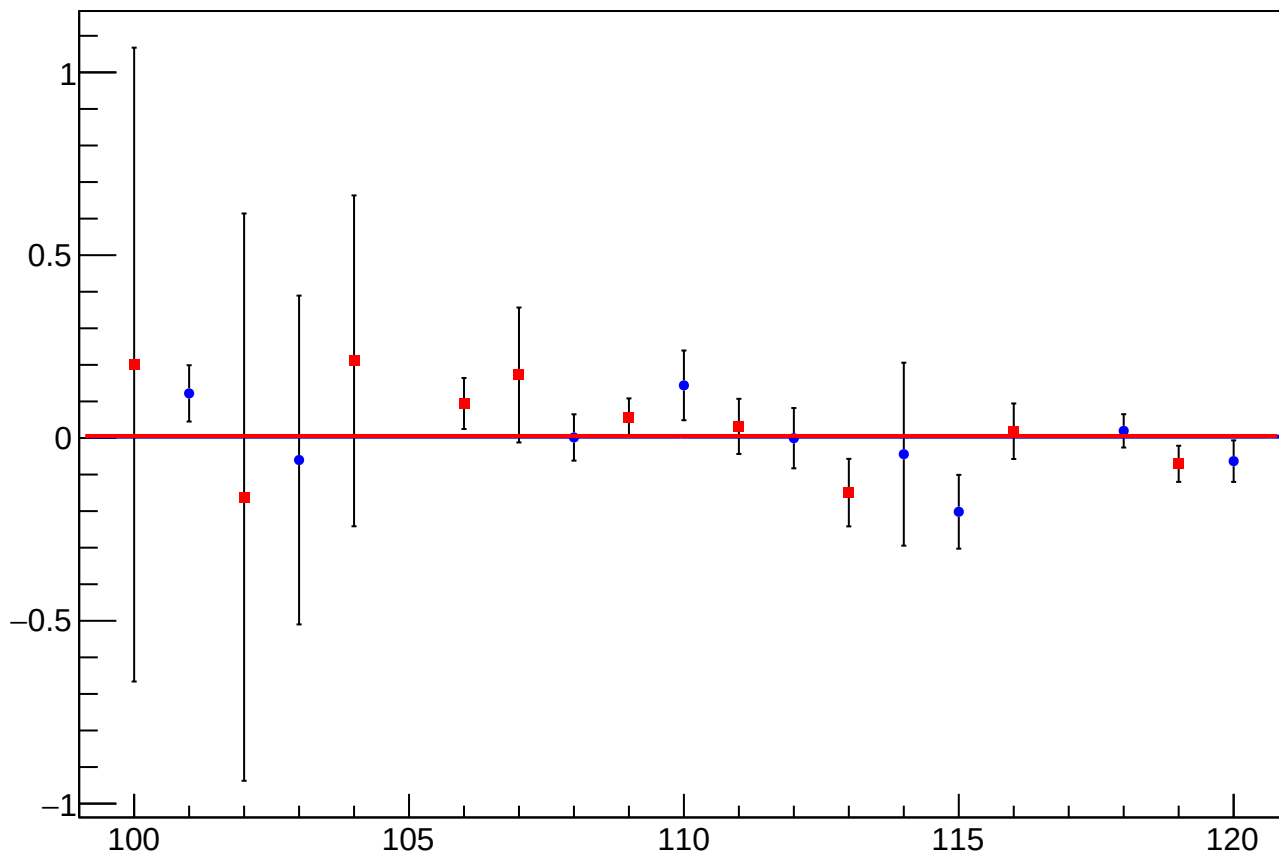
Right: 40.884+/-0.013 χ^2/NDF : 3384036.6/18

In: 41.249+/-0.018 χ^2/NDF : 1298349.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.884+/-0.013 χ^2/NDF : 3384036.6/18

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.025 χ^2/NDF : 10.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.026 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

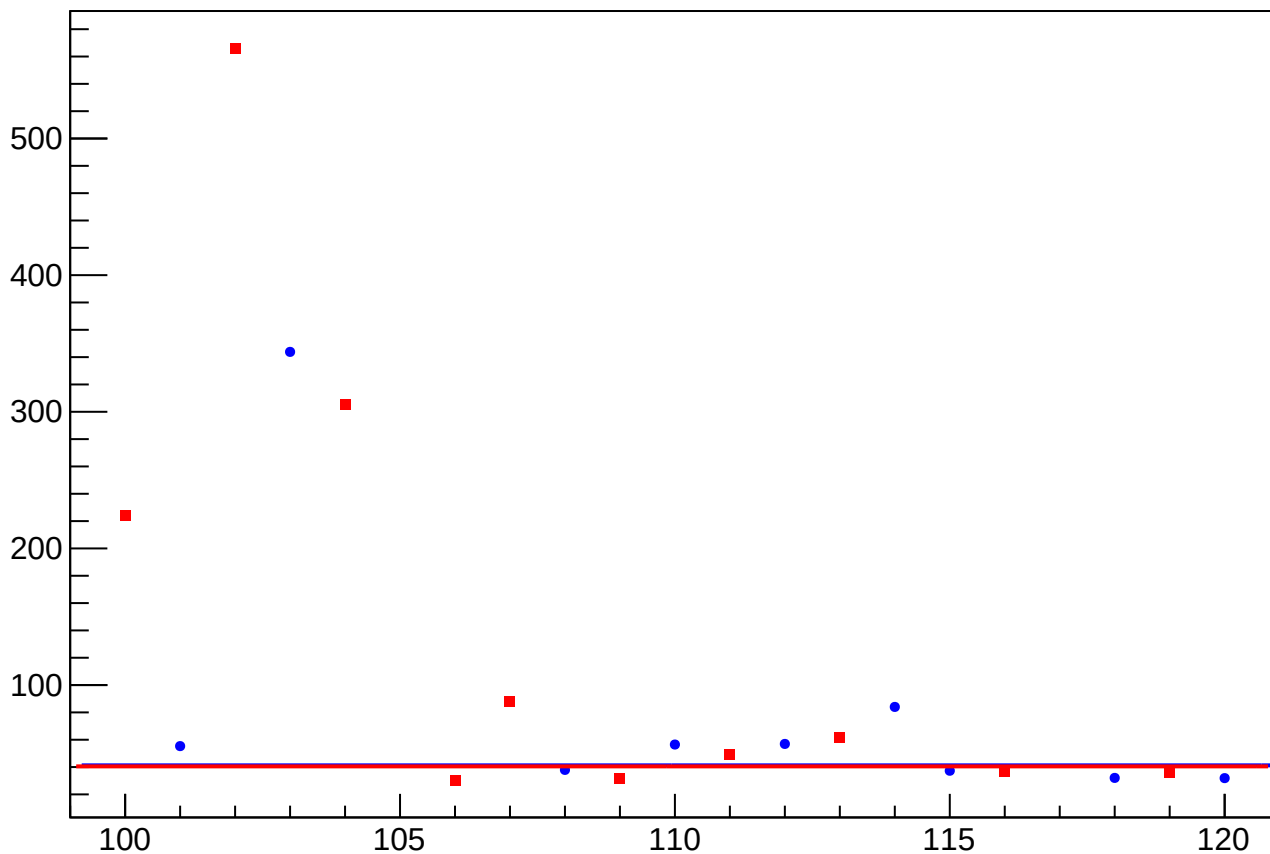
Right: 0.005+/-0.018 χ^2/NDF : 19.2/18

In: 0.004+/-0.025 χ^2/NDF : 10.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.018 χ^2/NDF : 19.2/18

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.249+/-0.018 χ^2/NDF : 1298349.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.494+/-0.018 χ^2/NDF : 2084814.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

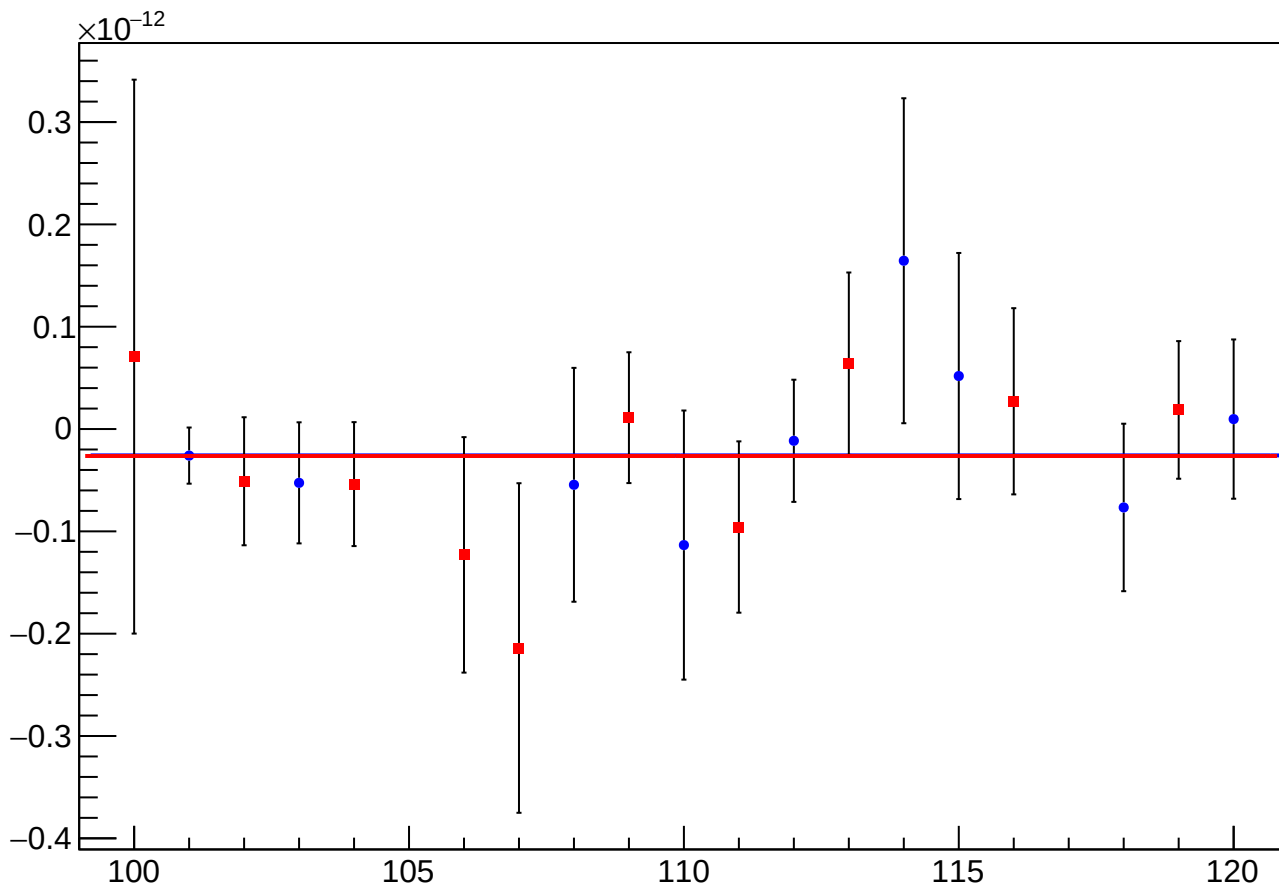
Right: 40.884+/-0.013 χ^2/NDF : 3384036.6/18

In: 41.249+/-0.018 χ^2/NDF : 1298349.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.884+/-0.013 χ^2/NDF : 3384036.6/18

asym_at1_dd_at2_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

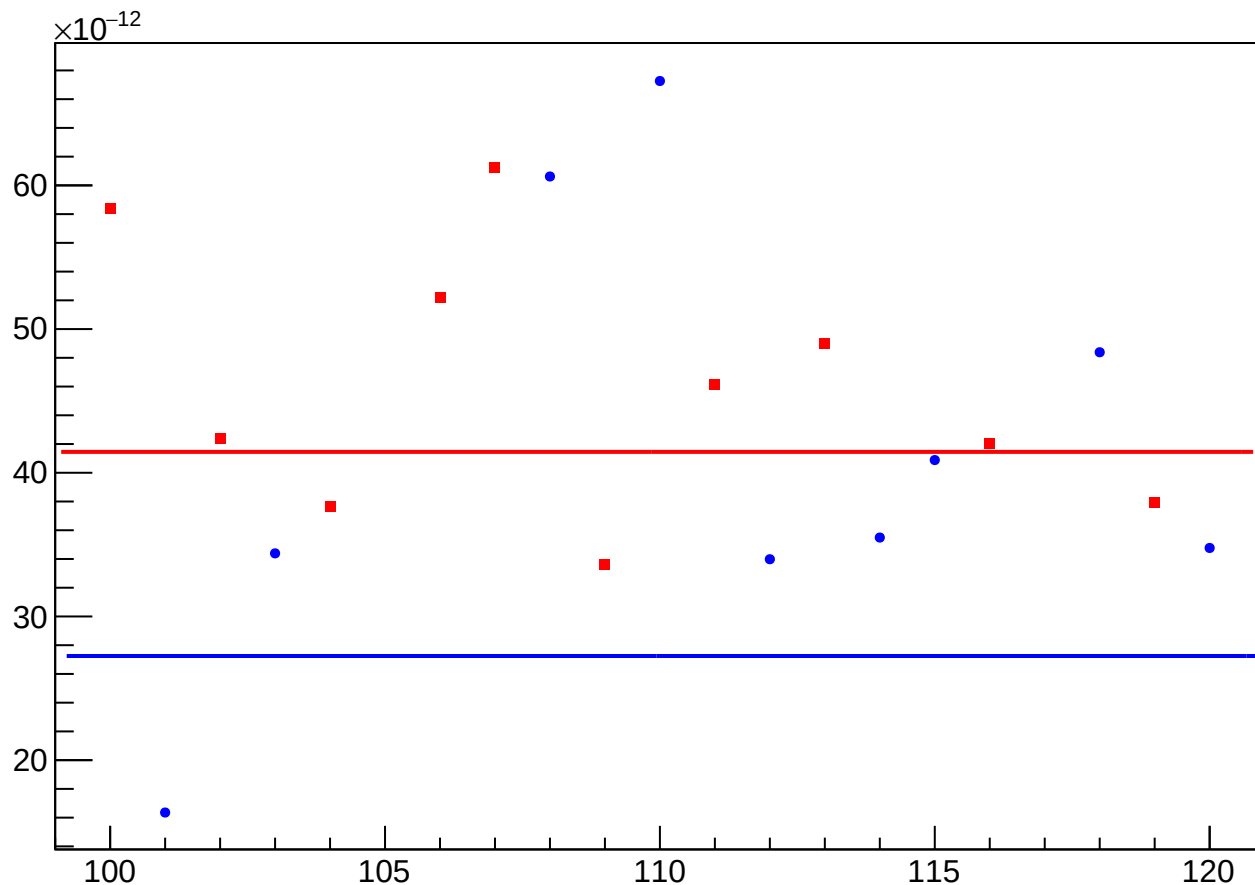
Right: -0.000+/-0.000 χ^2/NDF : 8.6/18

In: -0.000+/-0.000 χ^2/NDF : 3.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.6/18

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 : 908767.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 120156.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

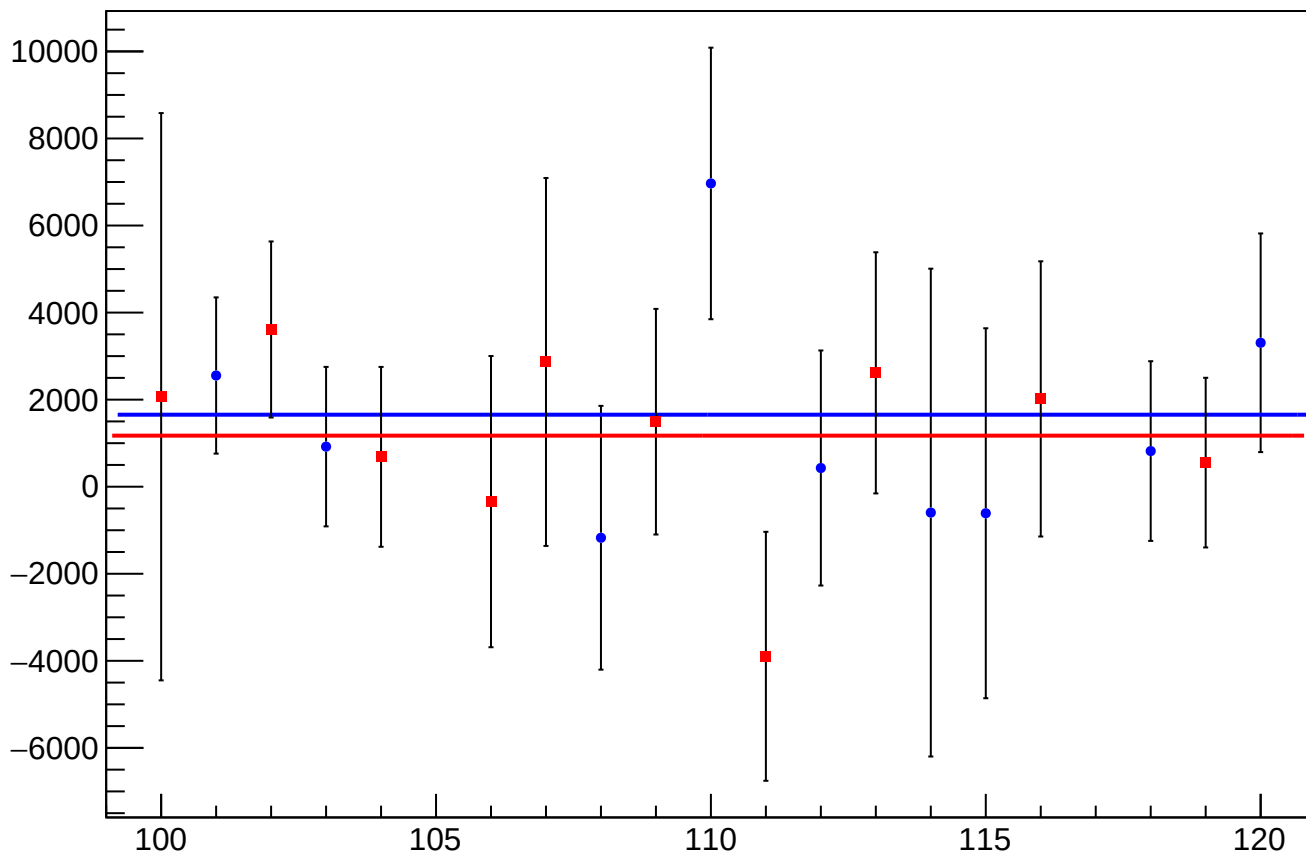
Right: 0.000+/-0.000 χ^2/NDF : 1406260.2/18

In: 0.000+/-0.000 χ^2/NDF : 908767.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1406260.2/18

reg_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1654.218+/-833.951 χ^2/NDF : 5.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1173.088+/-841.362 χ^2/NDF : 5.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

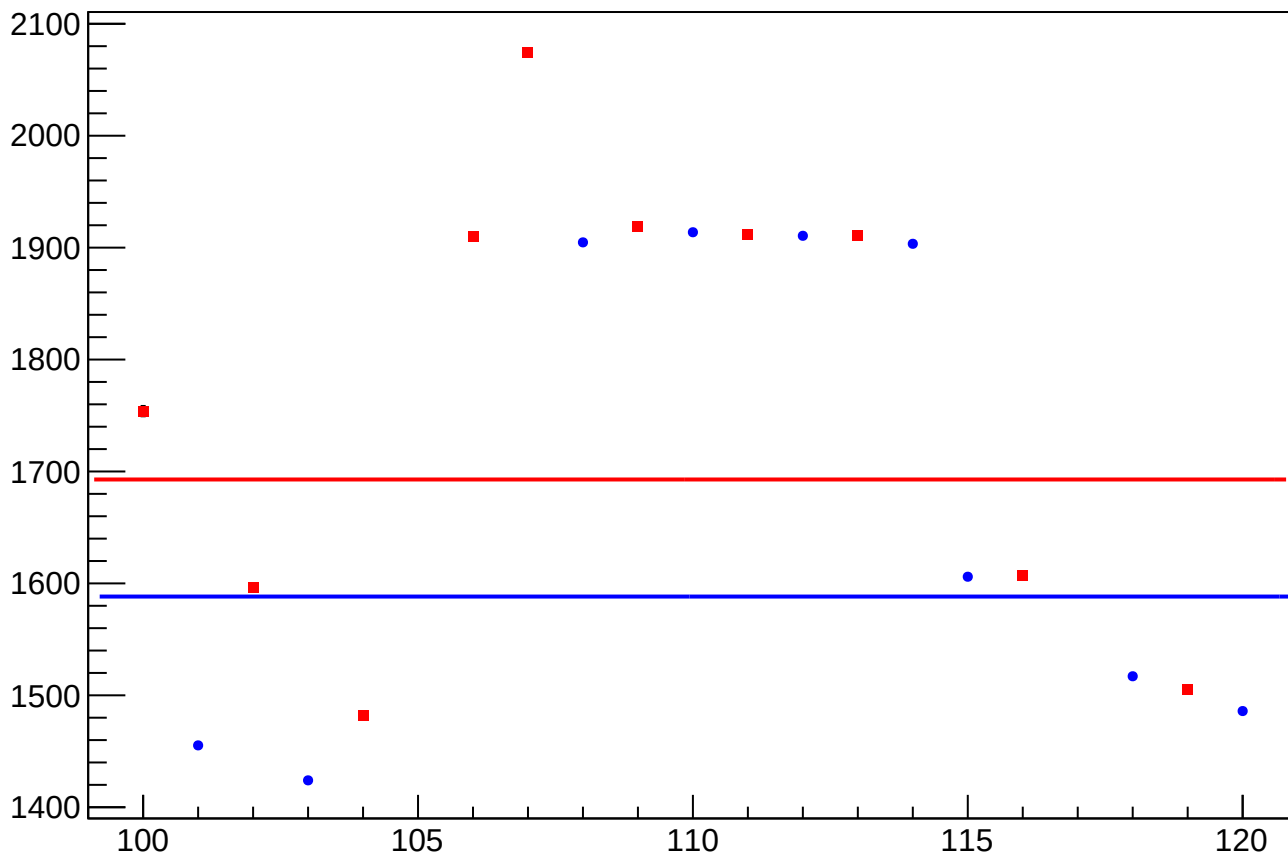
Right: 1415.781+/-592.295 χ^2/NDF : 11.1/18

In: 1654.218+/-833.951 χ^2/NDF : 5.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1415.781+/-592.295 χ^2/NDF : 11.1/18

reg_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1588.246+/-0.590 χ^2/NDF : 111217.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1692.843+/-0.595 χ^2/NDF : 109747.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

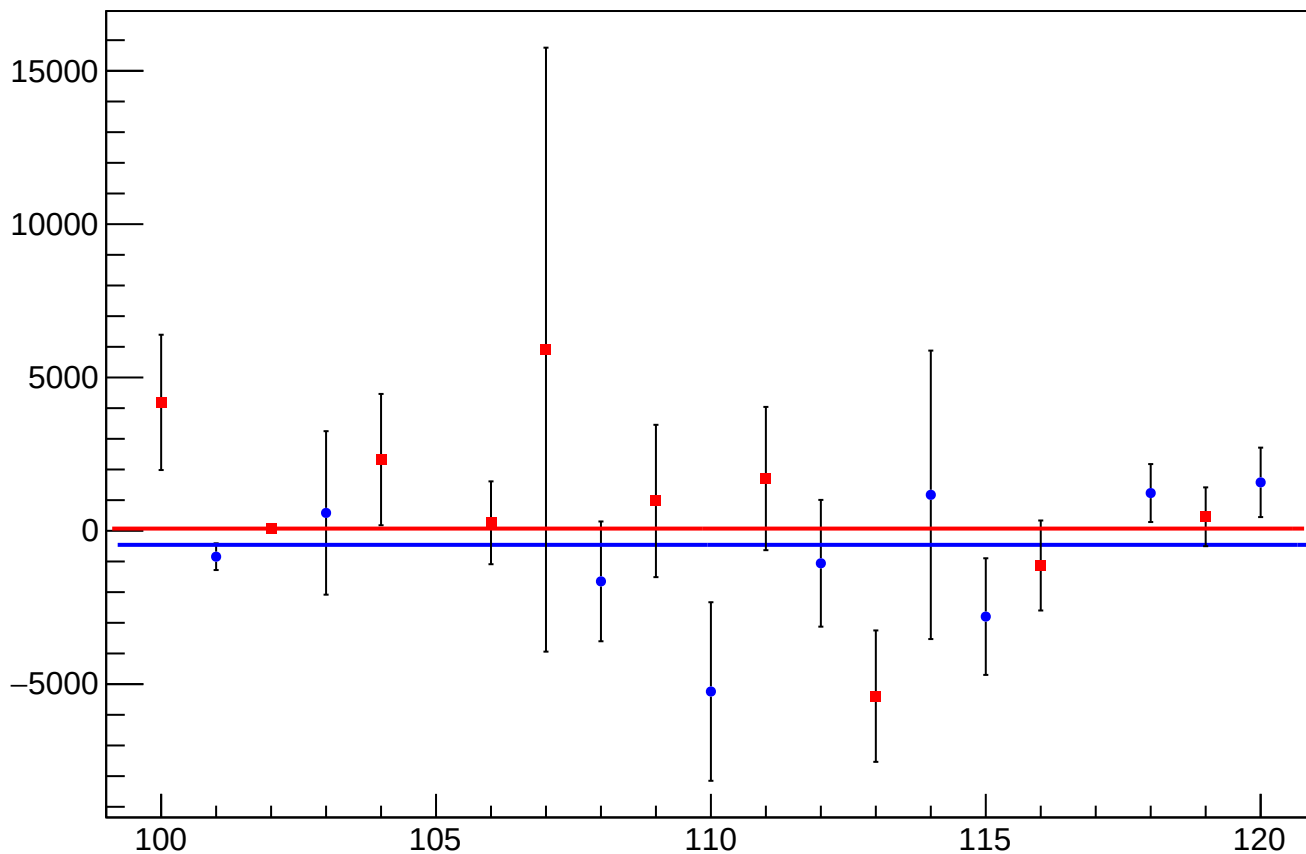
Right: 1640.082+/-0.419 χ^2/NDF : 236557.1/18

In: 1588.246+/-0.590 χ^2/NDF : 111217.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1640.082+/-0.419 χ^2/NDF : 236557.1/18

asym_usl_atl1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -457.595+/-348.135 χ^2/NDF : 12.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.781+/-133.860 χ^2/NDF : 12.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

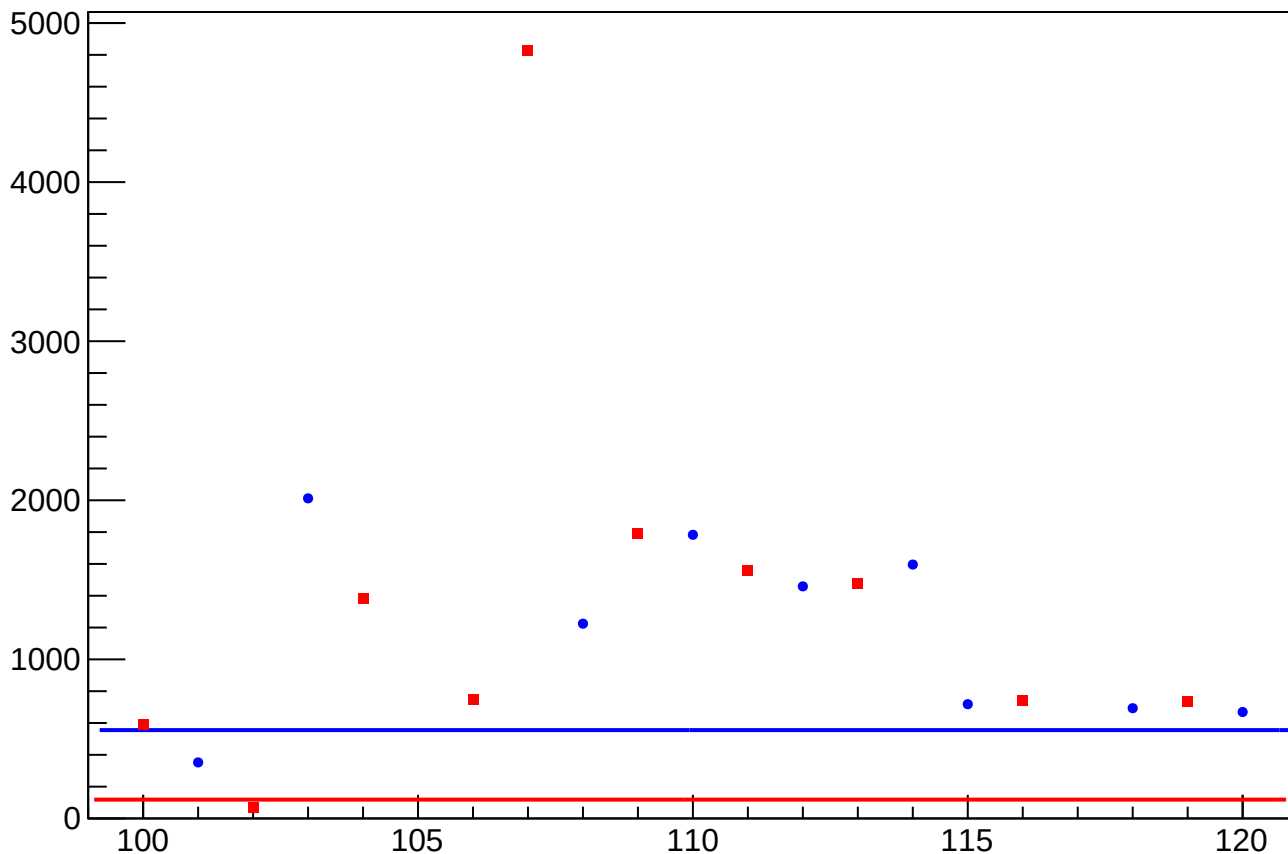
Right: 4.467+/-124.942 χ^2/NDF : 27.1/18

In: -457.595+/-348.135 χ^2/NDF : 12.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.467+/-124.942 χ^2/NDF : 27.1/18

asym_usl_atl1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 555.394+/-0.246 χ^2/NDF : 2180439.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.429+/-0.095 χ^2/NDF : 5589189.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

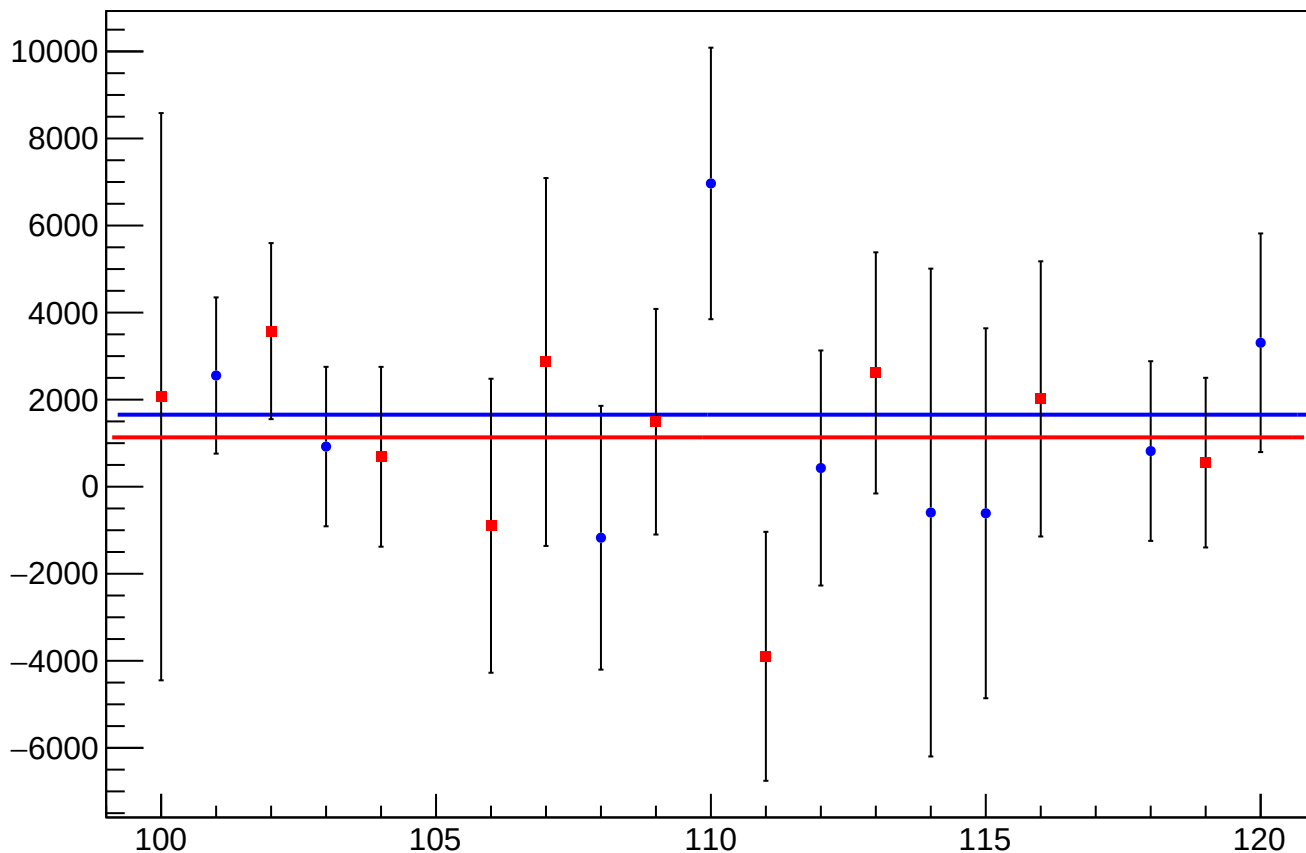
Right: 174.711+/-0.088 χ^2/NDF : 10514649.7/18

In: 555.394+/-0.246 χ^2/NDF : 2180439.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 174.711+/-0.088 χ^2/NDF : 10514649.7/18

cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1654.548 $\pm$ 833.951 χ^2 /NDF: 5.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1133.764 $\pm$ 841.889 χ^2 /NDF: 5.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

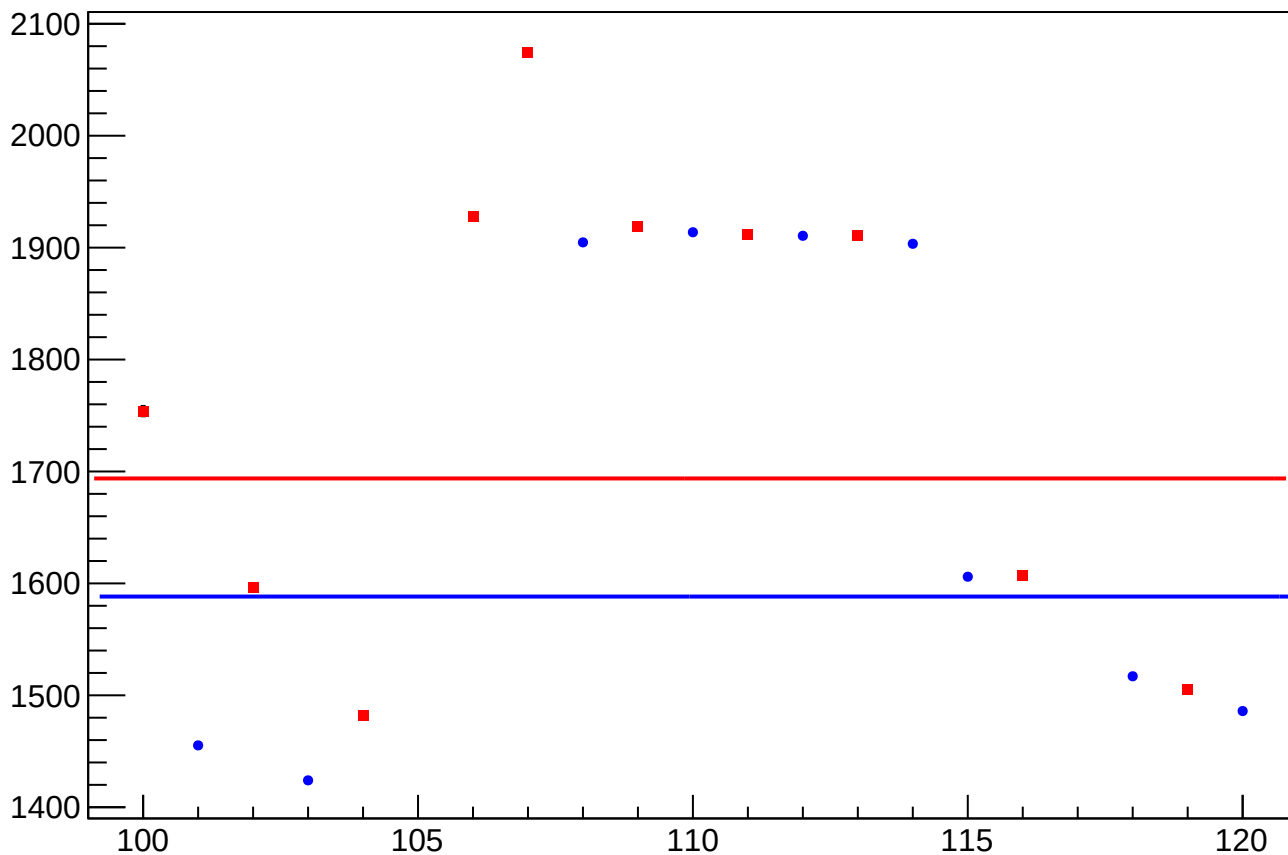
Right: 1396.622 $\pm$ 592.479 χ^2 /NDF: 11.2/18

In: 1654.548 $\pm$ 833.951 χ^2 /NDF:5.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1396.622 $\pm$ 592.479 χ^2 /NDF: 11.2/18

cor_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1588.247+/-0.590 χ^2/NDF : 111217.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1693.759+/-0.595 χ^2/NDF : 111019.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

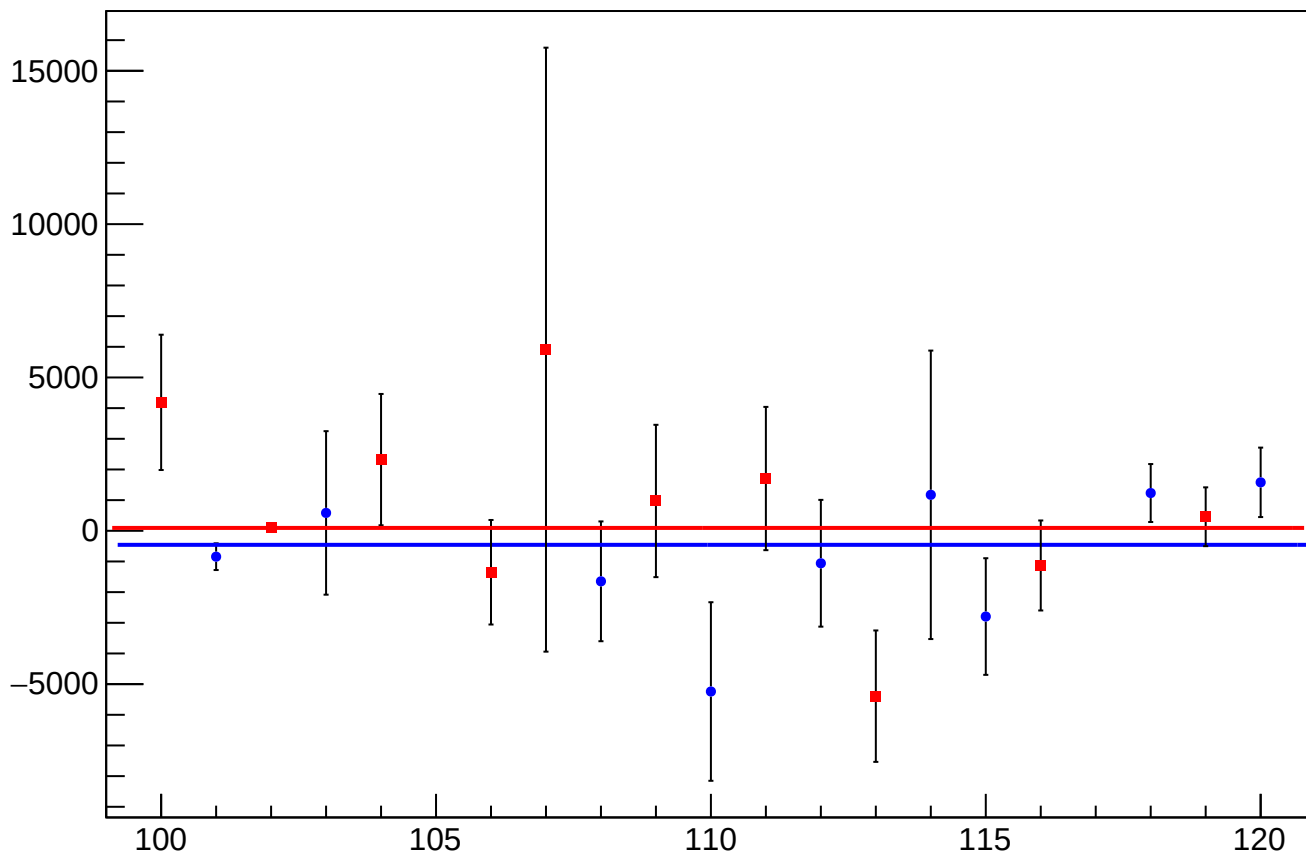
Right: 1640.503+/-0.419 χ^2/NDF : 238092.7/18

In: 1588.247+/-0.590 χ^2/NDF : 111217.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1640.503+/-0.419 χ^2/NDF : 238092.7/18

asym_usl_atl1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -457.593+/-348.133 χ^2/NDF : 12.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.964+/-146.033 χ^2/NDF : 13.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

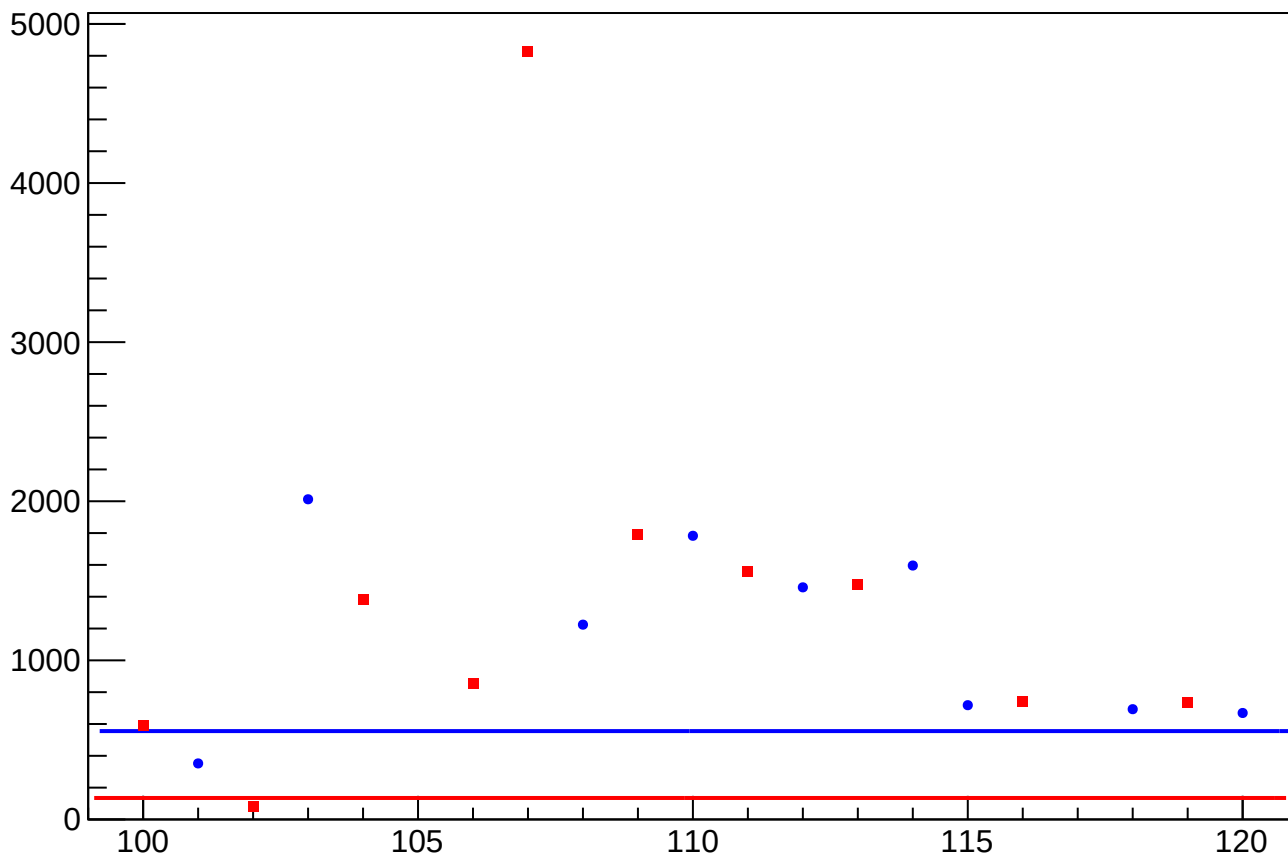
Right: 11.435+/-134.665 χ^2/NDF : 27.9/18

In: -457.593+/-348.133 χ^2/NDF : 12.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.435+/-134.665 χ^2/NDF : 27.9/18

asym_usl_atl1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 555.390+/-0.246 χ^2/NDF : 2180451.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.011+/-0.103 χ^2/NDF : 5382110.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

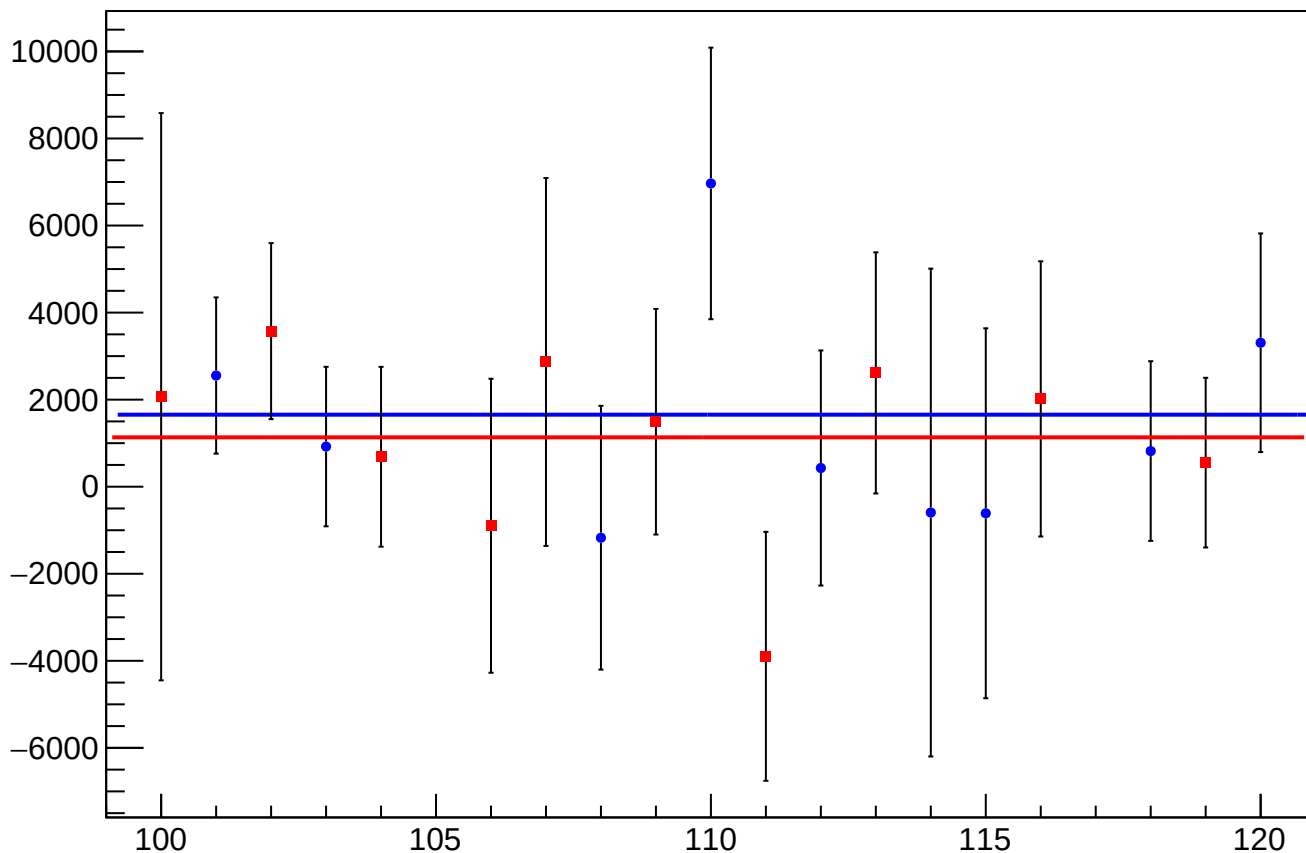
Right: 197.912+/-0.095 χ^2/NDF : 10042424.5/18

In: 555.390+/-0.246 χ^2/NDF : 2180451.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 197.912+/-0.095 χ^2/NDF : 10042424.5/18

eigen_cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1654.548+/-833.951 χ^2/NDF : 5.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1133.764+/-841.889 χ^2/NDF : 5.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

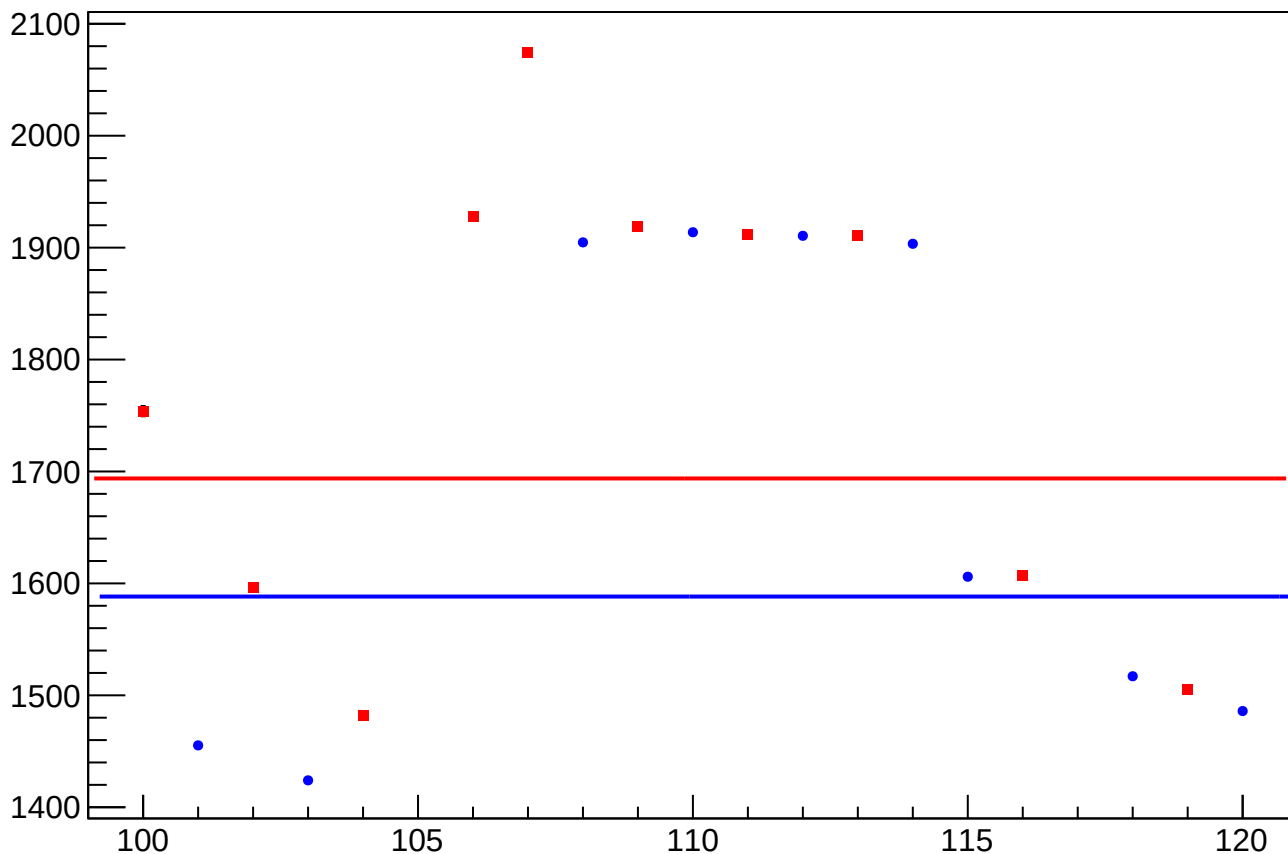
Right: 1396.622+/-592.479 χ^2/NDF : 11.2/18

In: 1654.548+/-833.951 χ^2/NDF : 5.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1396.622+/-592.479 χ^2/NDF : 11.2/18

eigen_cor_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1588.247+/-0.590 χ^2/NDF : 111217.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1693.759+/-0.595 χ^2/NDF : 111019.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

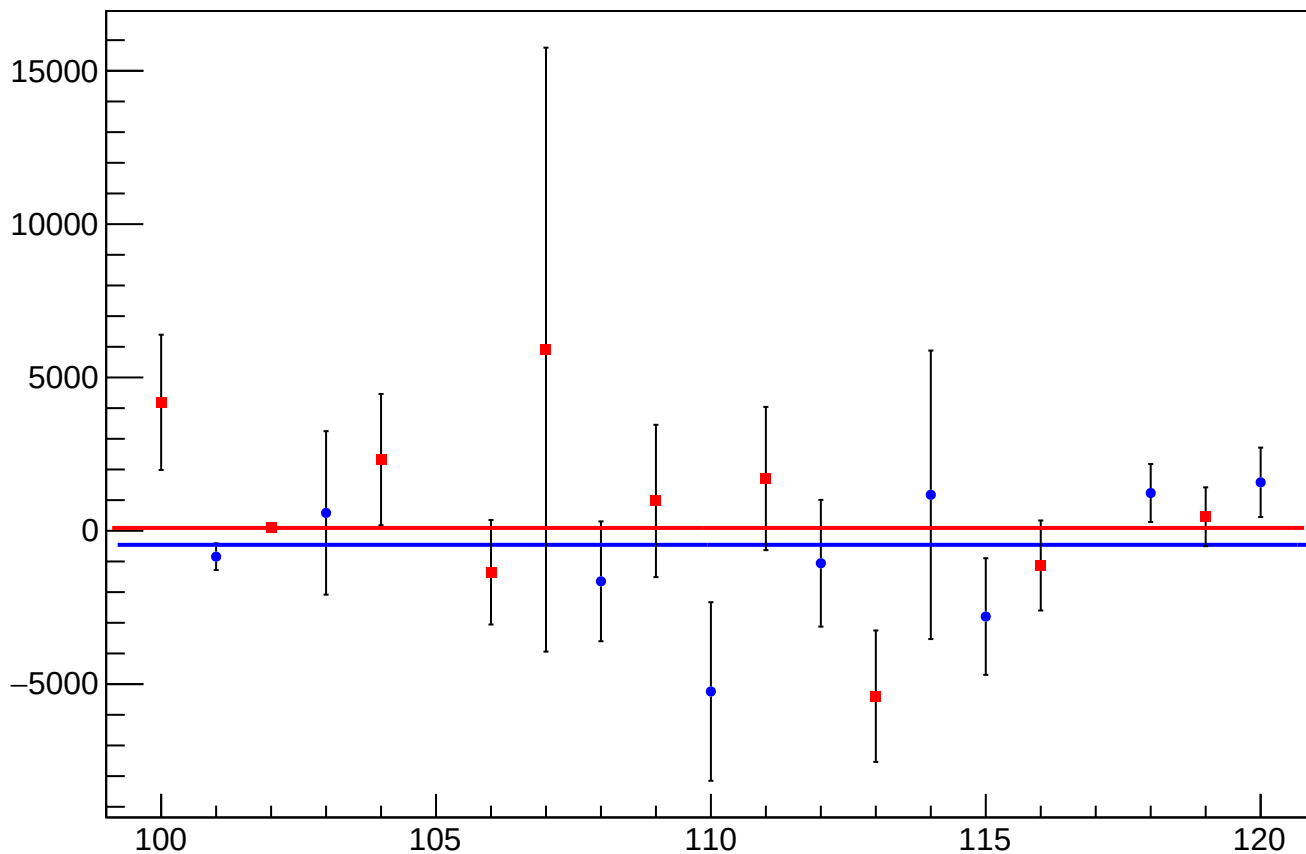
Right: 1640.503+/-0.419 χ^2/NDF : 238092.7/18

In: 1588.247+/-0.590 χ^2/NDF : 111217.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1640.503+/-0.419 χ^2/NDF : 238092.7/18

asym_usl_atl1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -457.593+/-348.133 χ^2/NDF : 12.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.964+/-146.033 χ^2/NDF : 13.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

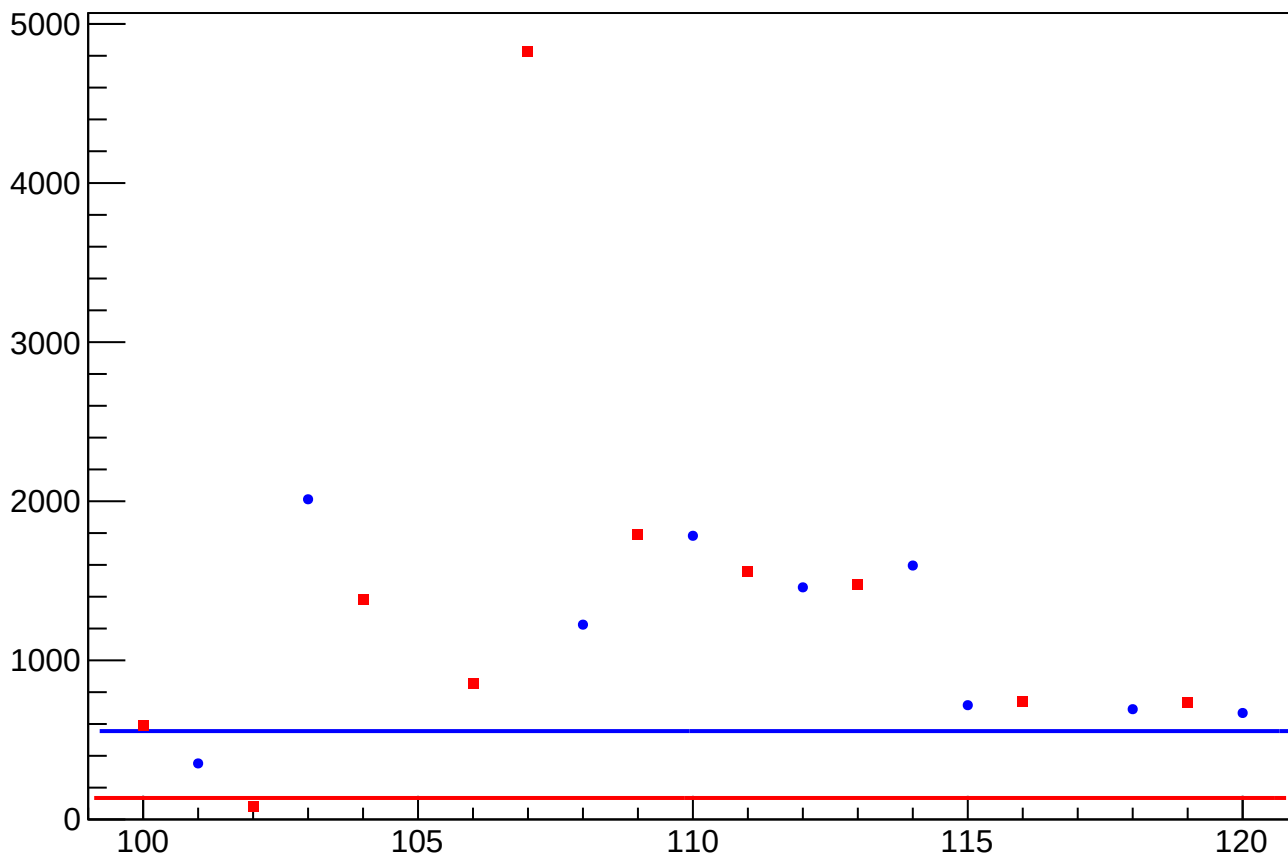
Right: 11.435+/-134.665 χ^2/NDF : 27.9/18

In: -457.593+/-348.133 χ^2/NDF : 12.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.435+/-134.665 χ^2/NDF : 27.9/18

asym_usl_atl1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 555.390+/-0.246 χ^2/NDF : 2180451.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.011+/-0.103 χ^2/NDF : 5382110.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

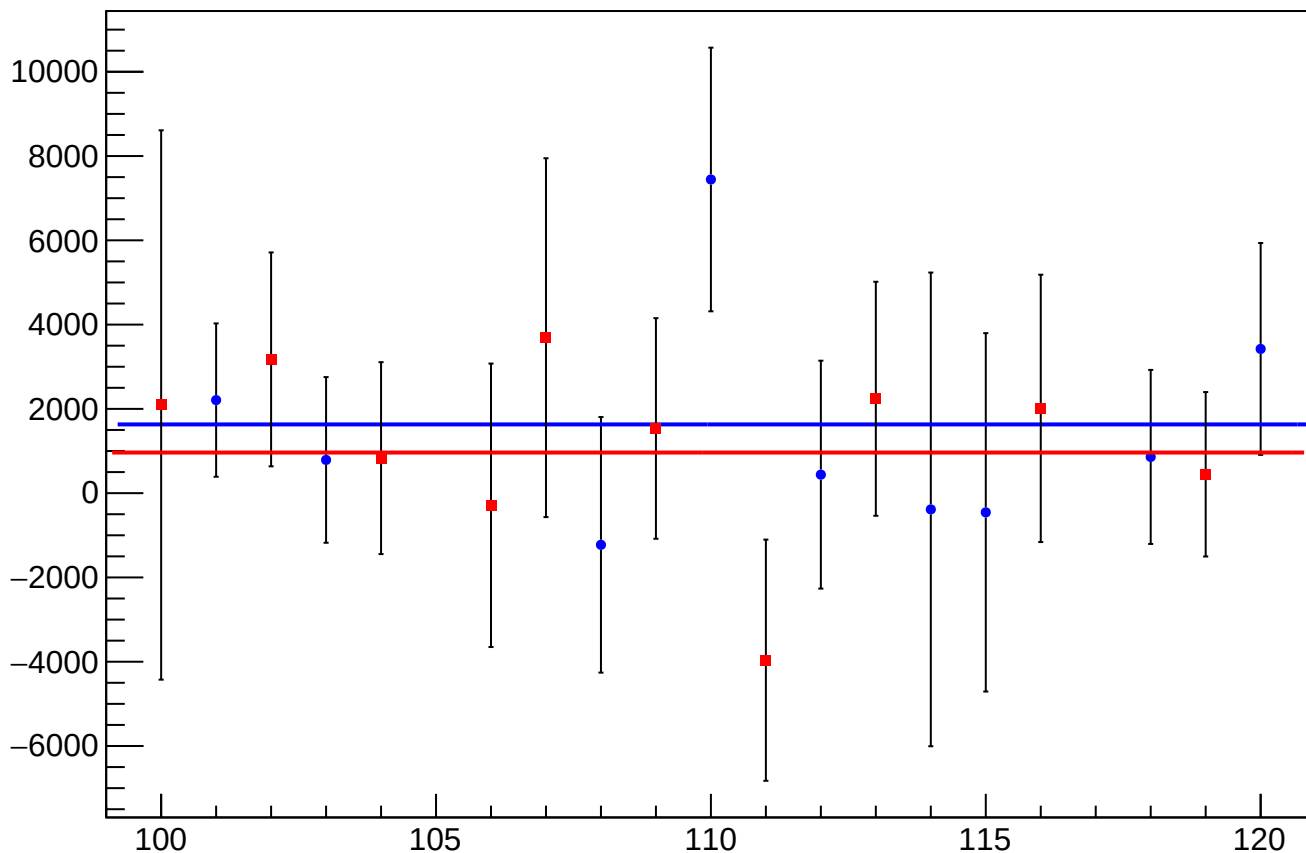
Right: 197.912+/-0.095 χ^2/NDF : 10042424.5/18

In: 555.390+/-0.246 χ^2/NDF : 2180451.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 197.912+/-0.095 χ^2/NDF : 10042424.5/18

dit_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1631.397+/-848.764 χ^2/NDF : 5.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 963.771+/-885.600 χ^2/NDF : 4.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

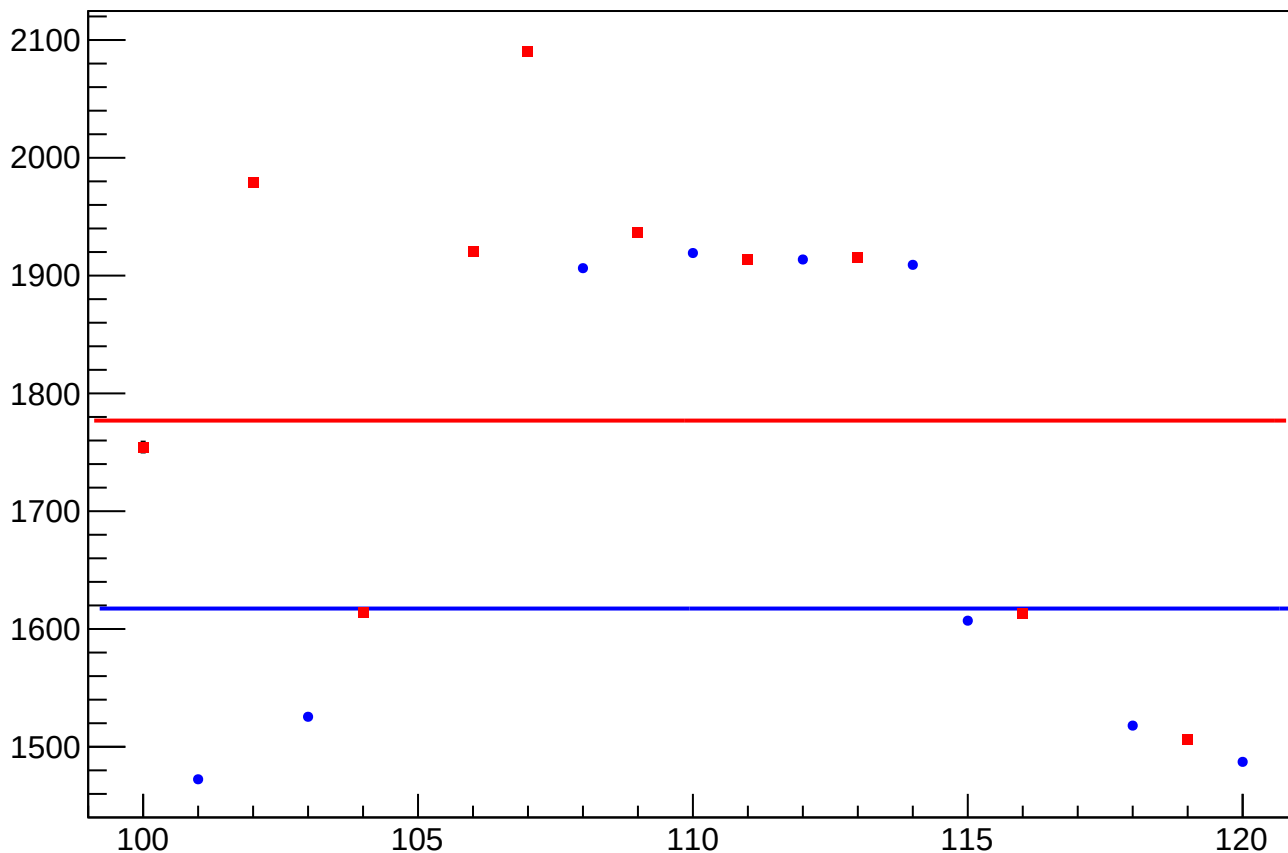
Right: 1311.757+/-612.775 χ^2/NDF : 10.9/18

In: 1631.397+/-848.764 χ^2/NDF :5.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1311.757+/-612.775 χ^2/NDF : 10.9/18

dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1617.362 $\pm$ 0.600 χ^2 /NDF: 93238.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1776.925 $\pm$ 0.626 χ^2 /NDF: 98305.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

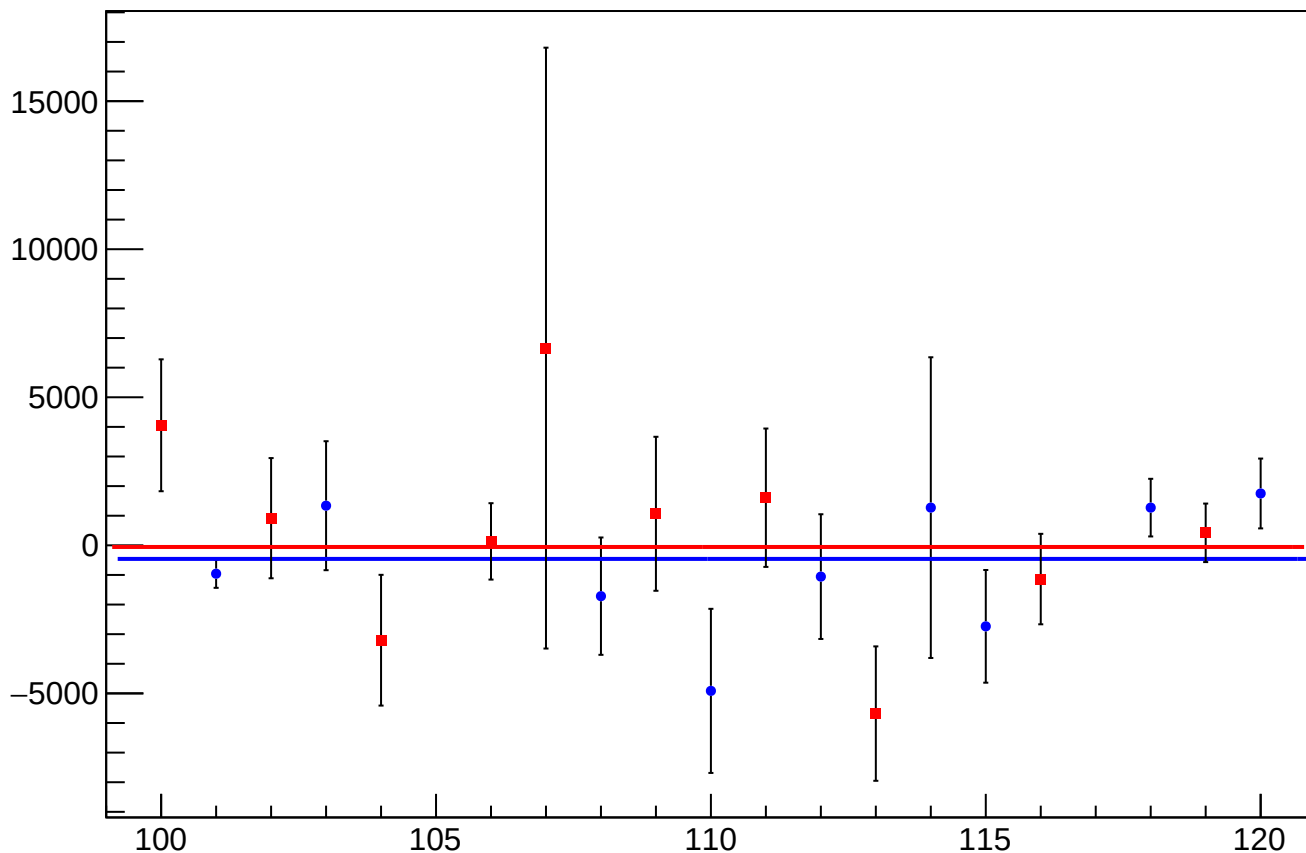
Right: 1693.756 $\pm$ 0.433 χ^2 /NDF: 225384.4/18

In: 1617.362 $\pm$ 0.600 χ^2 /NDF:93238.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1693.756 $\pm$ 0.433 χ^2 /NDF: 225384.4/18

asym_usl_atl1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -458.457+/-369.904 χ^2/NDF : 13.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -55.355+/-555.685 χ^2/NDF : 13.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

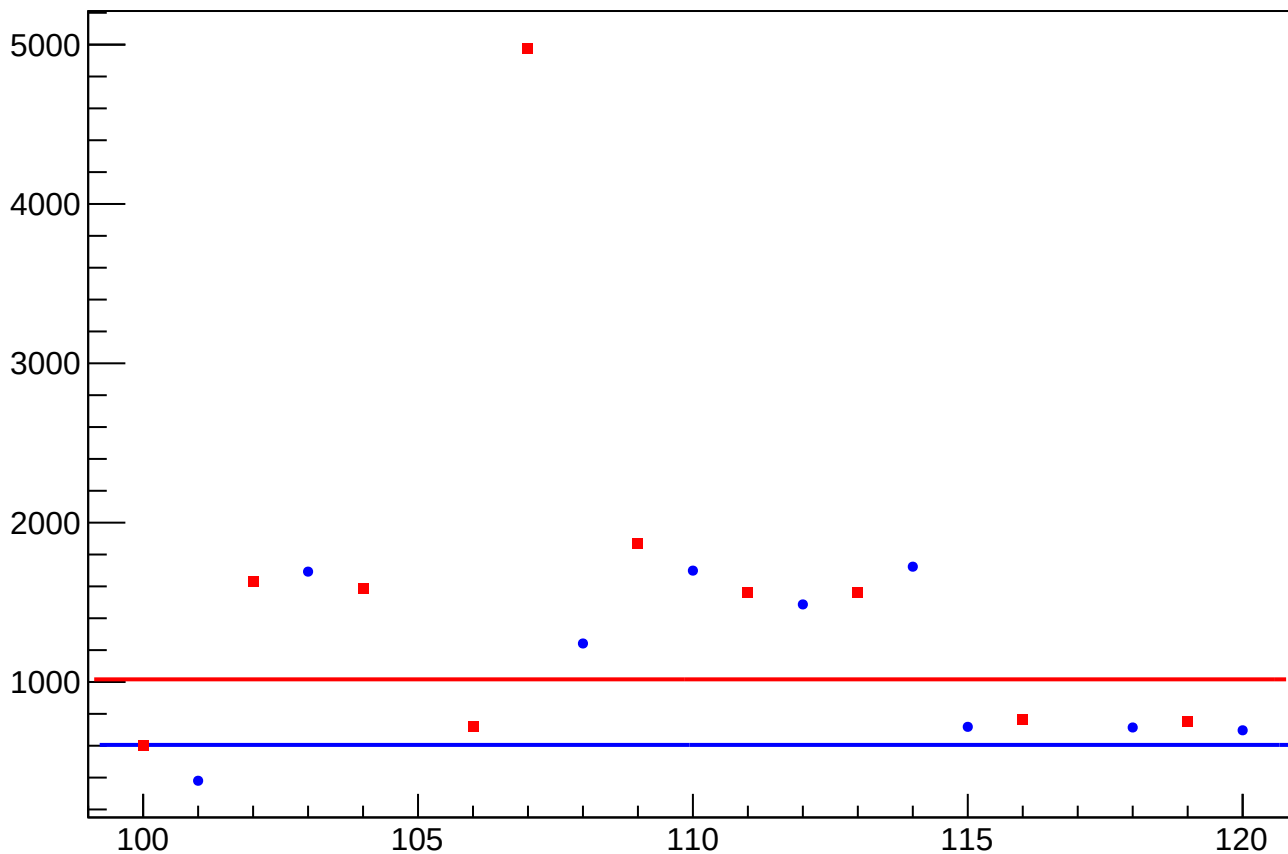
Right: -334.682+/-307.920 χ^2/NDF : 27.1/18

In: -458.457+/-369.904 χ^2/NDF : 13.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -334.682+/-307.920 χ^2/NDF : 27.1/18

asym_usl_atl1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 605.097+/-0.262 χ^2/NDF : 1953666.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1016.572+/-0.393 χ^2/NDF : 1427269.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

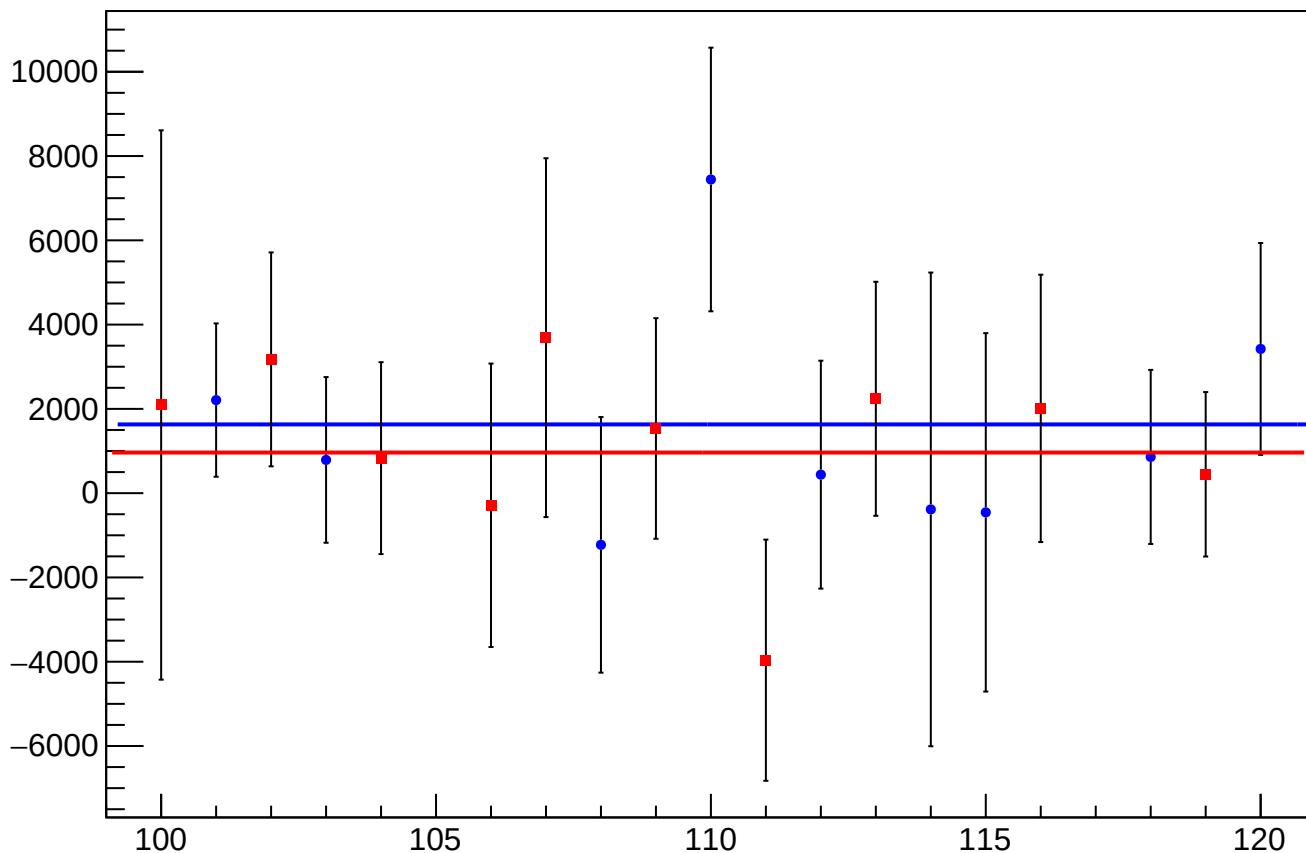
Right: 731.443+/-0.218 χ^2/NDF : 4140835.5/18

In: 605.097+/-0.262 χ^2/NDF : 1953666.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 731.443+/-0.218 χ^2/NDF : 4140835.5/18

eigen_dit_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1631.393+/-848.763 χ^2/NDF : 5.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 963.768+/-885.599 χ^2/NDF : 4.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

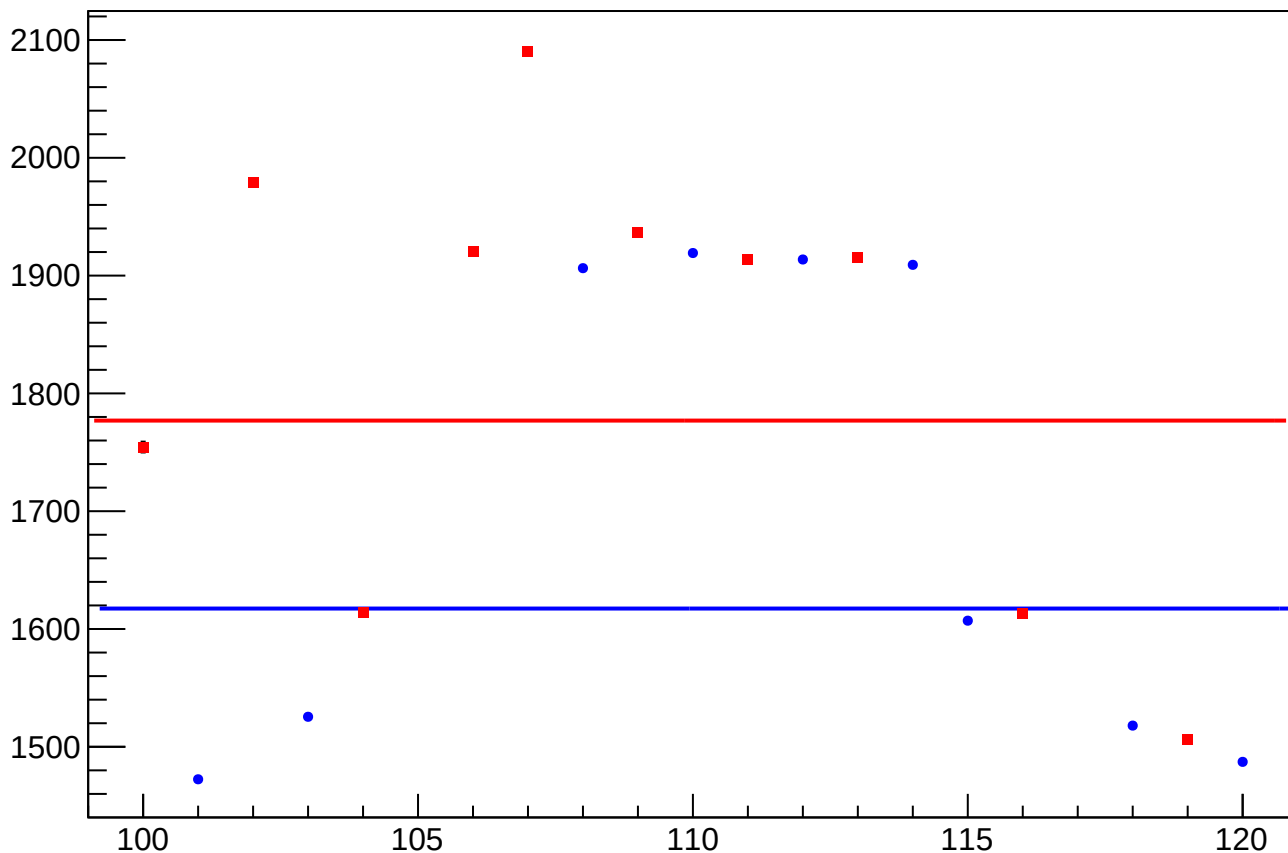
Right: 1311.753+/-612.775 χ^2/NDF : 10.9/18

In: 1631.393+/-848.763 χ^2/NDF : 5.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1311.753+/-612.775 χ^2/NDF : 10.9/18

eigen_dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1617.362+/-0.600 χ^2/NDF : 93238.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1776.924+/-0.626 χ^2/NDF : 98305.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

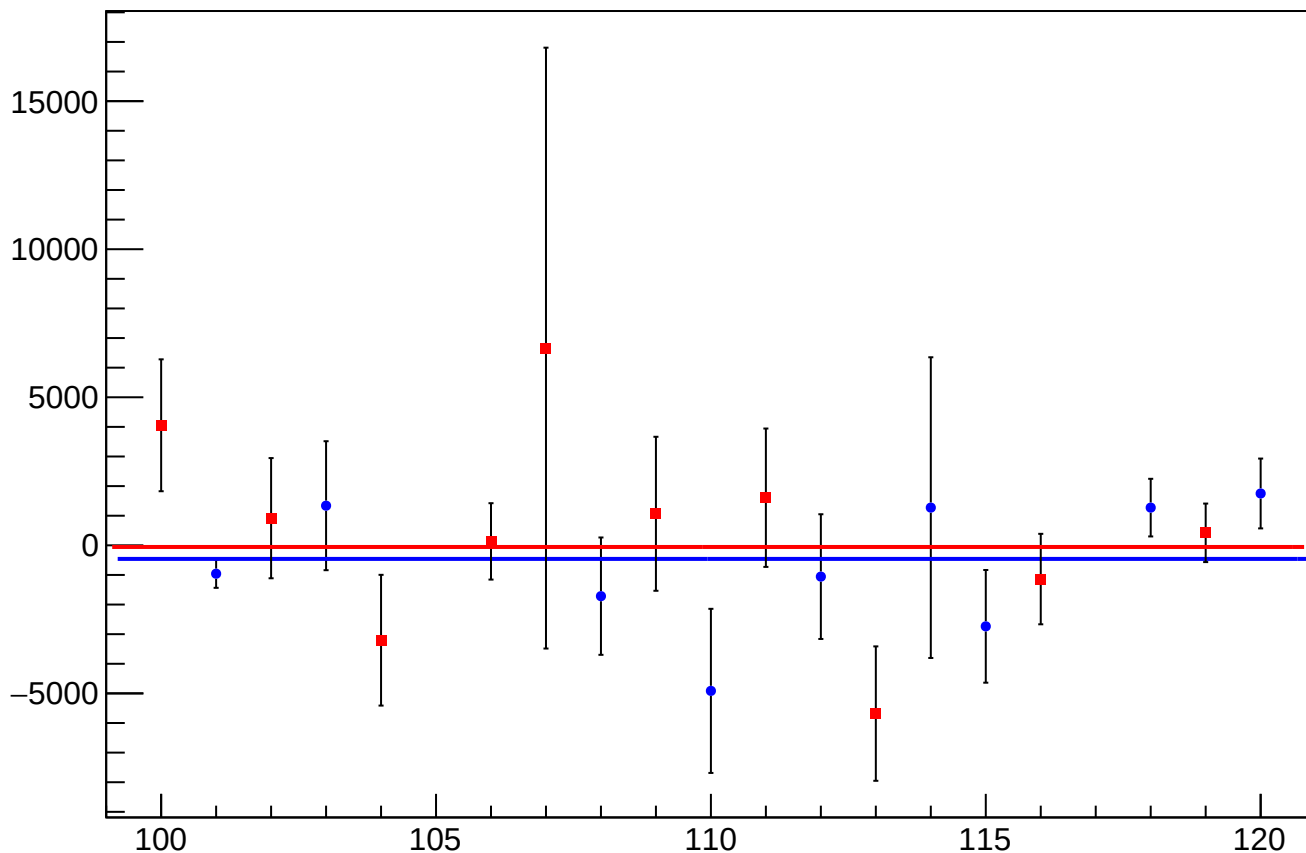
Right: 1693.756+/-0.433 χ^2/NDF : 225385.0/18

In: 1617.362+/-0.600 χ^2/NDF : 93238.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1693.756+/-0.433 χ^2/NDF : 225385.0/18

asym_usl_atl1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -458.456+/-369.904 χ^2/NDF : 13.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -55.354+/-555.685 χ^2/NDF : 13.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

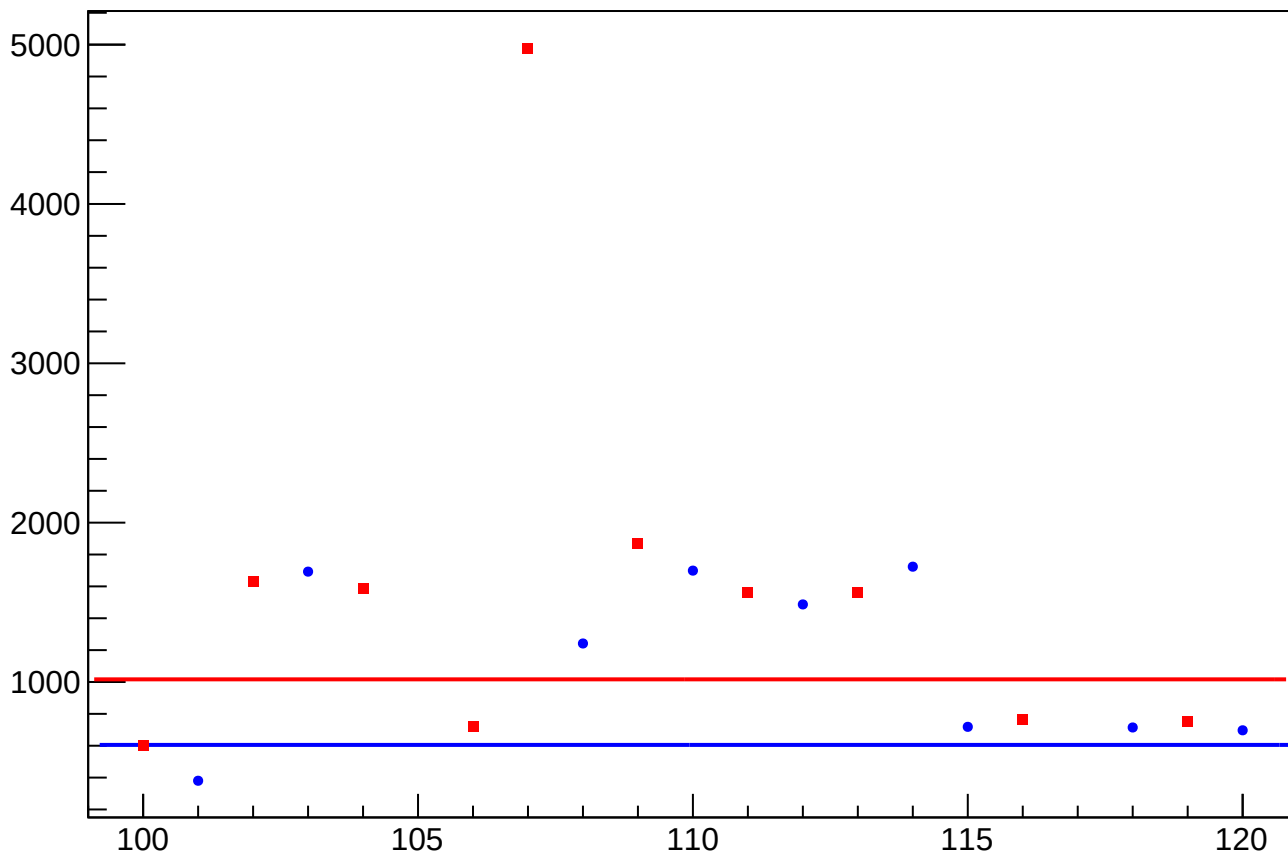
Right: -334.681+/-307.920 χ^2/NDF : 27.1/18

In: -458.456+/-369.904 χ^2/NDF : 13.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -334.681+/-307.920 χ^2/NDF : 27.1/18

asym_usl_atl1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 605.098+/-0.262 χ^2/NDF : 1953660.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1016.570+/-0.393 χ^2/NDF : 1427276.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

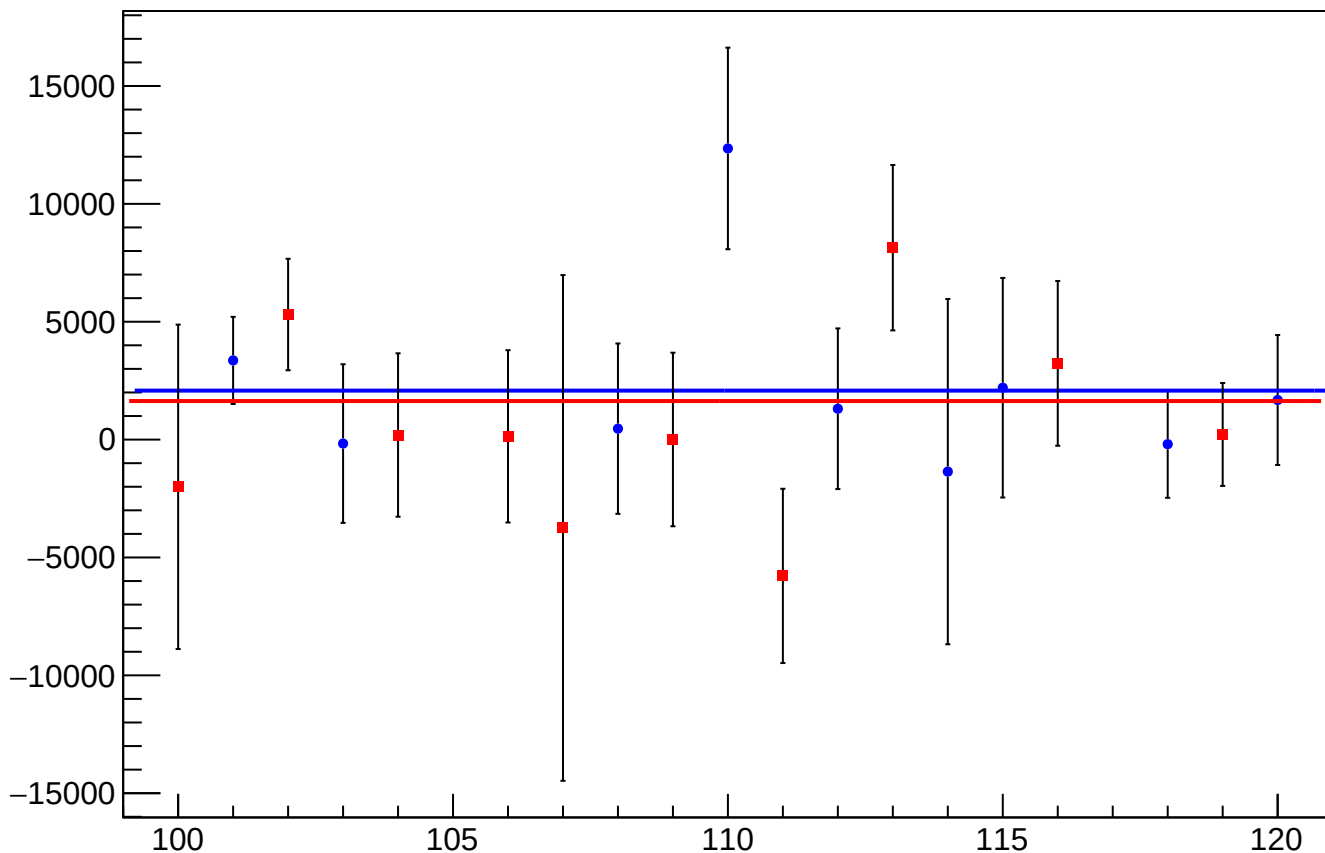
Right: 731.443+/-0.218 χ^2/NDF : 4140830.4/18

In: 605.098+/-0.262 χ^2/NDF : 1953660.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 731.443+/-0.218 χ^2/NDF : 4140830.4/18

asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2077.989+/-1006.093 χ^2/NDF : 8.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1635.852+/-1061.832 χ^2/NDF : 11.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

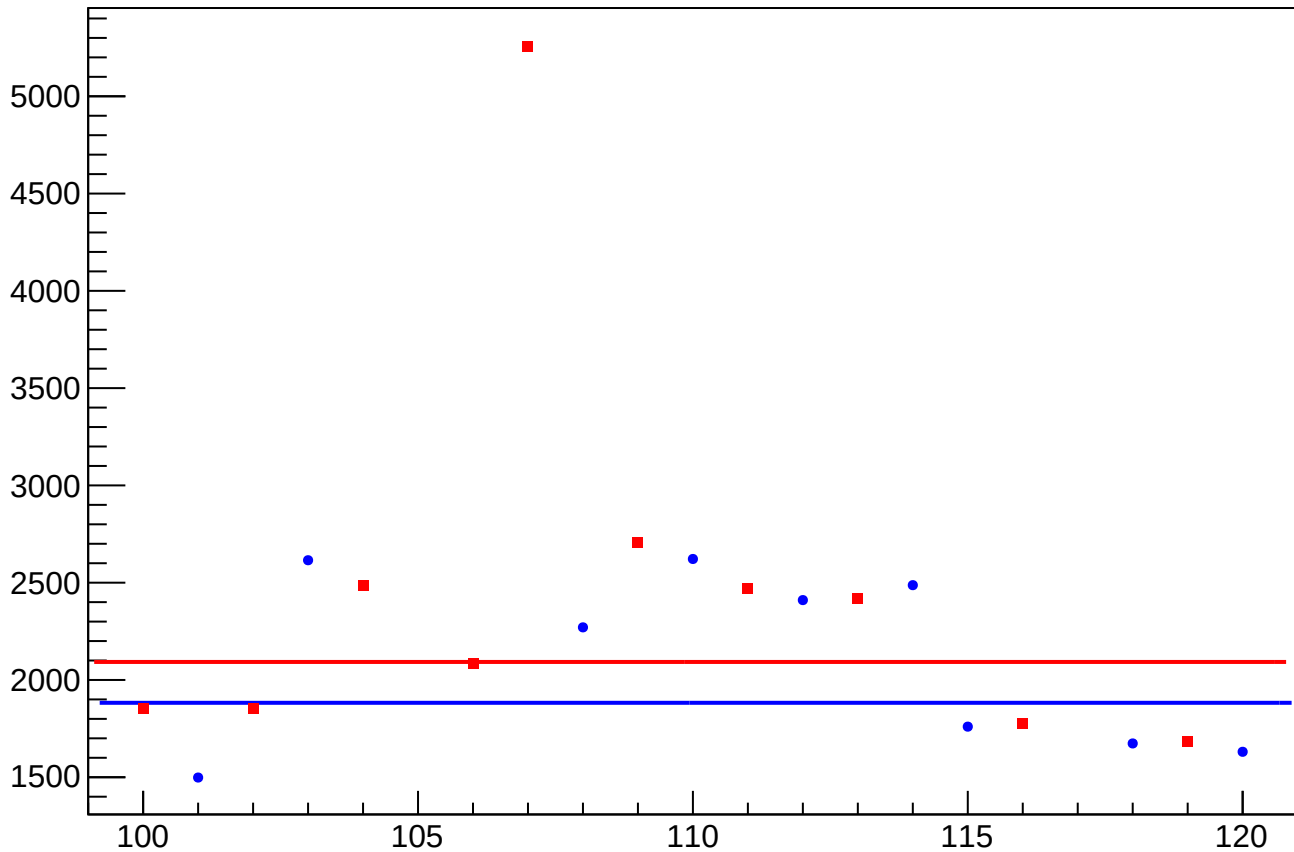
Right: 1868.829+/-730.325 χ^2/NDF : 19.9/18

In: 2077.989+/-1006.093 χ^2/NDF : 8.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1868.829+/-730.325 χ^2/NDF : 19.9/18

asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1882.646+/-0.711 χ^2/NDF : 360705.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2092.607+/-0.751 χ^2/NDF : 403229.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

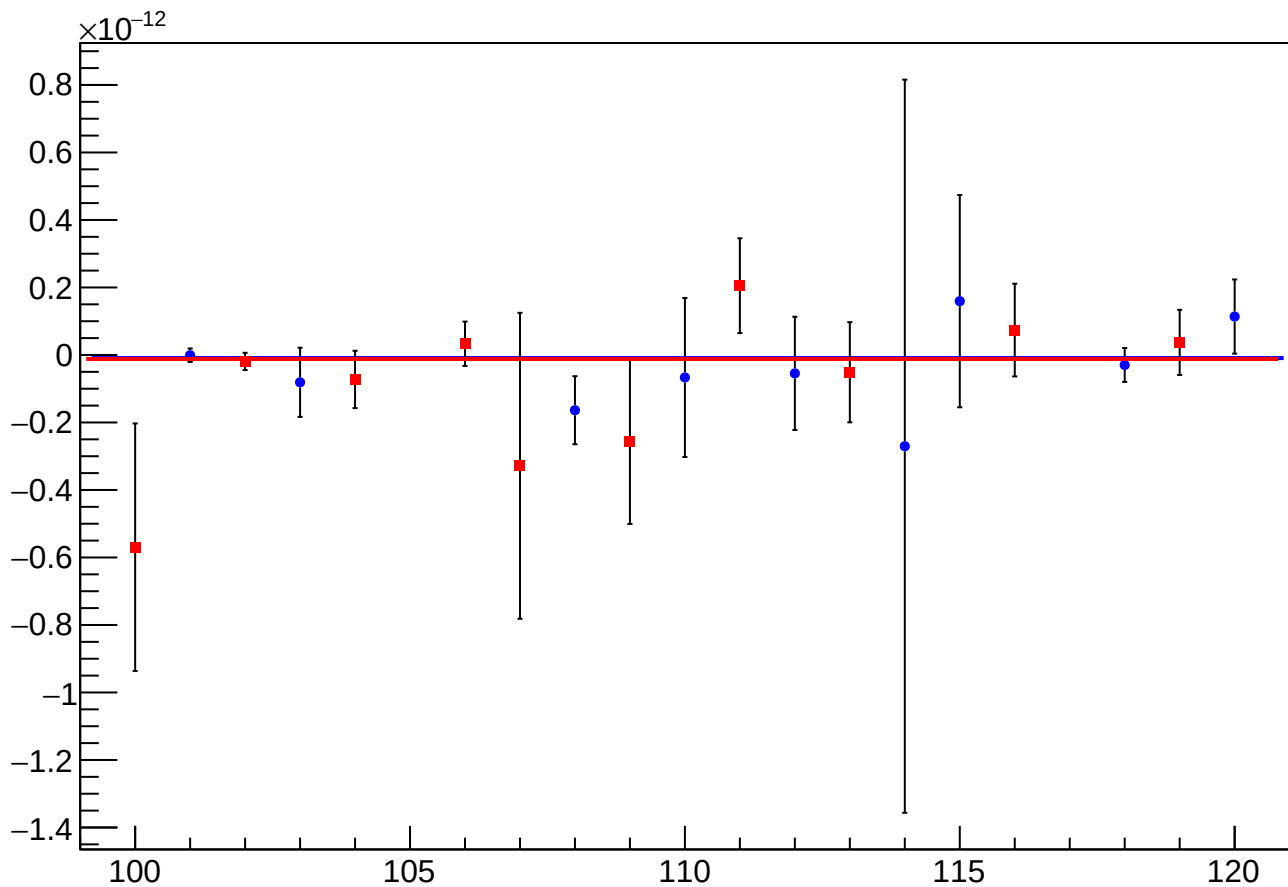
Right: 1981.971+/-0.516 χ^2/NDF : 805140.3/18

In: 1882.646+/-0.711 χ^2/NDF : 360705.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1981.971+/-0.516 χ^2/NDF : 805140.3/18

asym_usl_atl1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

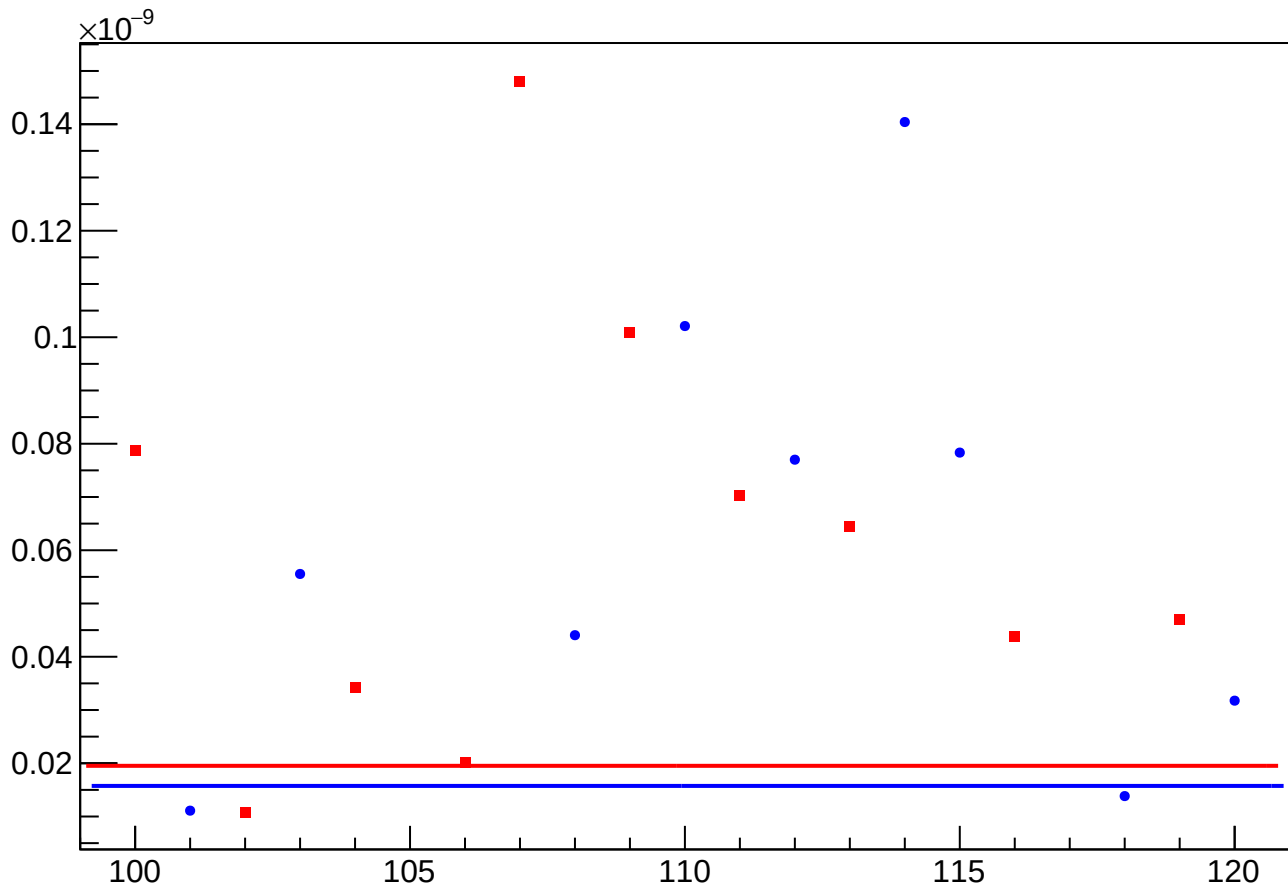
Right: -0.000+/-0.000 χ^2/NDF : 12.9/18

In: -0.000+/-0.000 χ^2/NDF : 4.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.9/18

asym_usl_atl1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1253716.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1403752.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

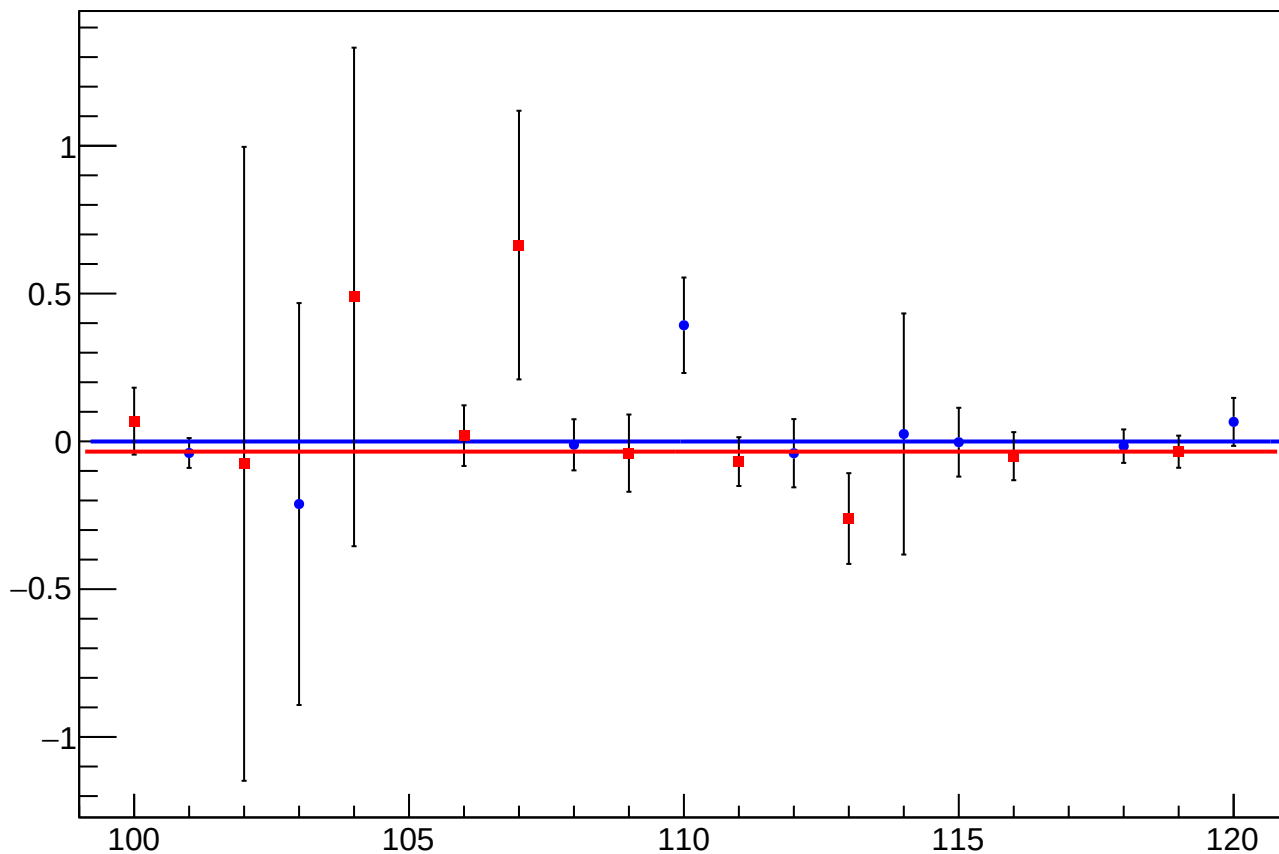
Right: 0.000+/-0.000 χ^2/NDF : 2694616.0/18

In: 0.000+/-0.000 χ^2/NDF : 1253716.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2694616.0/18

asym_usl_atl1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.029 χ^2/NDF : 7.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.035+/-0.033 χ^2/NDF : 6.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

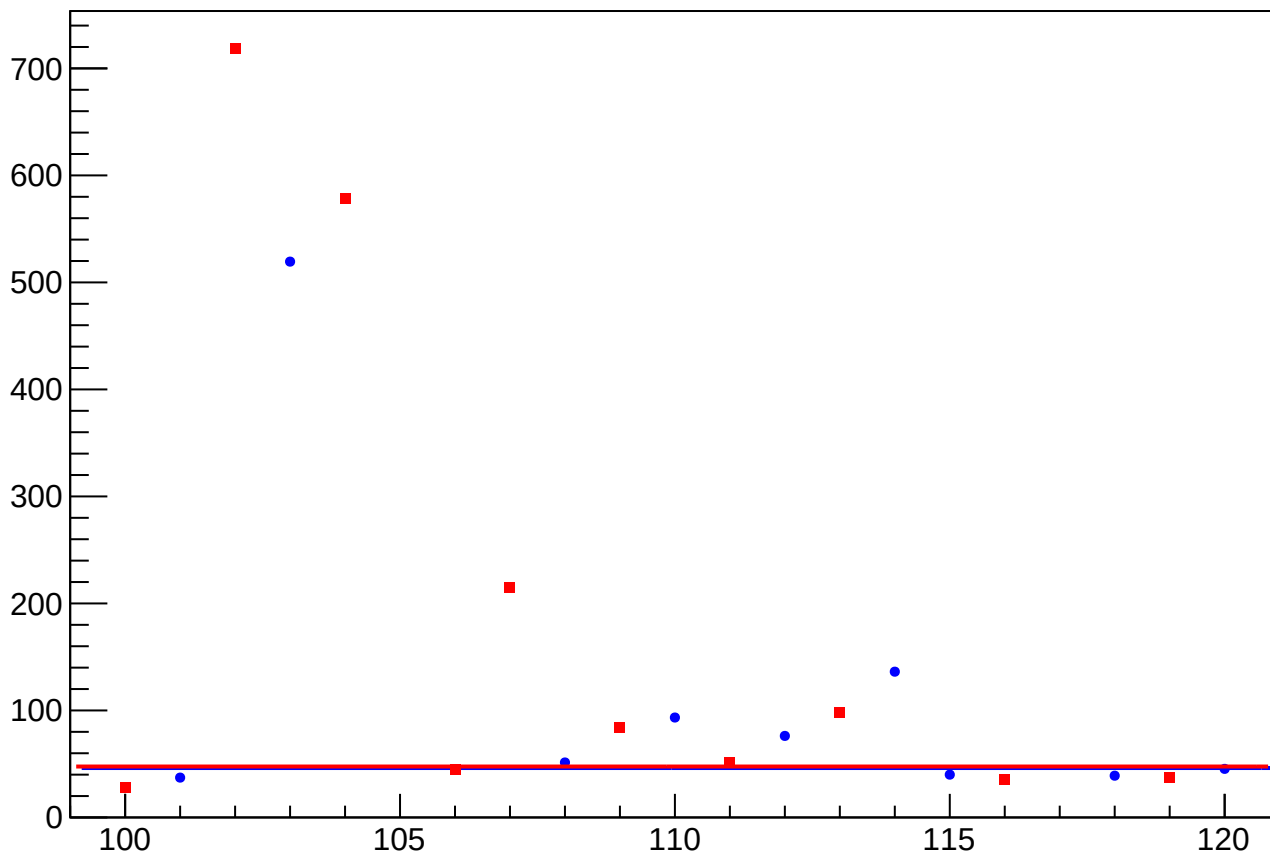
Right: -0.015+/-0.022 χ^2/NDF : 14.4/18

In: -0.000+/-0.029 χ^2/NDF :7.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.015+/-0.022 χ^2/NDF : 14.4/18

asym_usl_atl1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.189+/-0.021 χ^2/NDF : 1480396.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 47.595+/-0.023 χ^2/NDF : 2394730.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

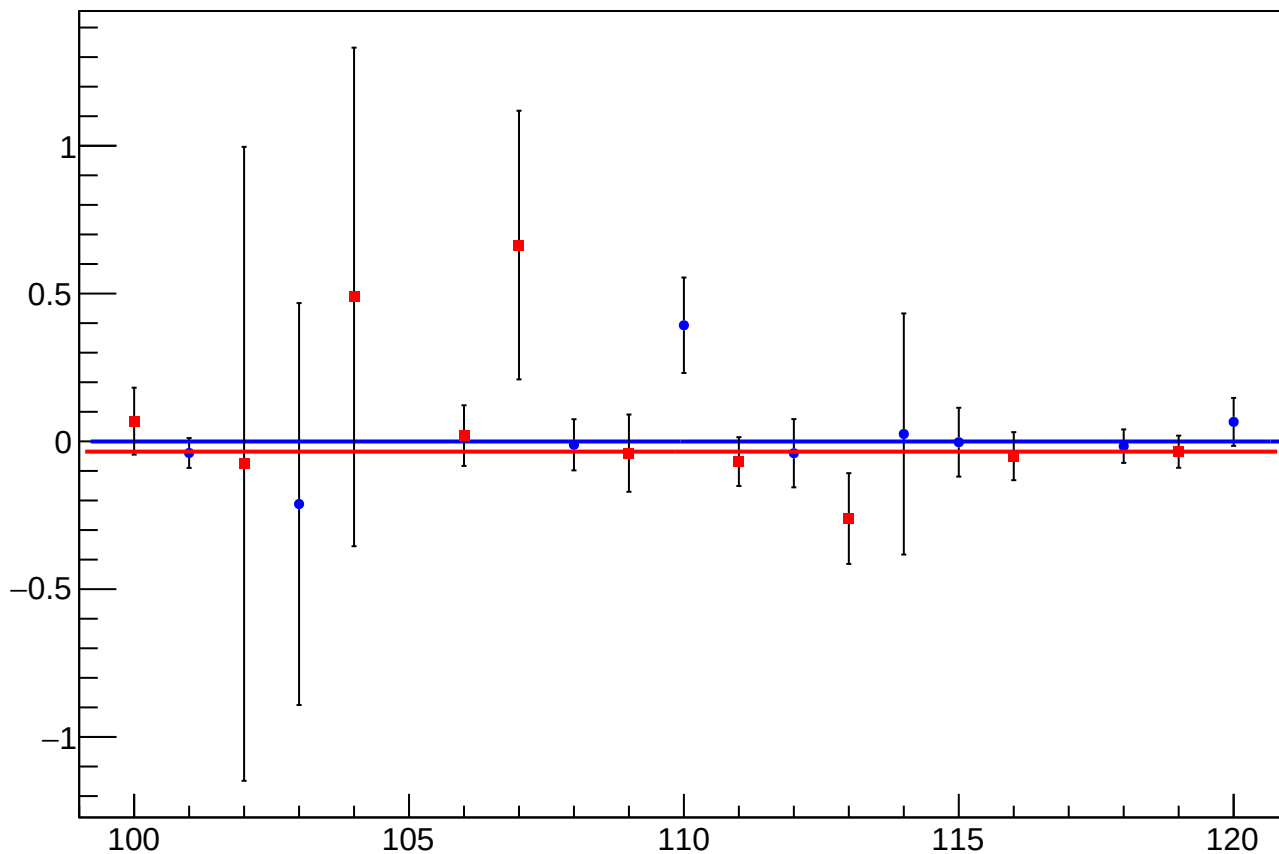
Right: 46.803+/-0.015 χ^2/NDF : 3877170.8/18

In: 46.189+/-0.021 χ^2/NDF :1480396.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 46.803+/-0.015 χ^2/NDF : 3877170.8/18

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.029 χ^2 /NDF: 7.5/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.035+/-0.033 χ^2 /NDF: 6.2/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

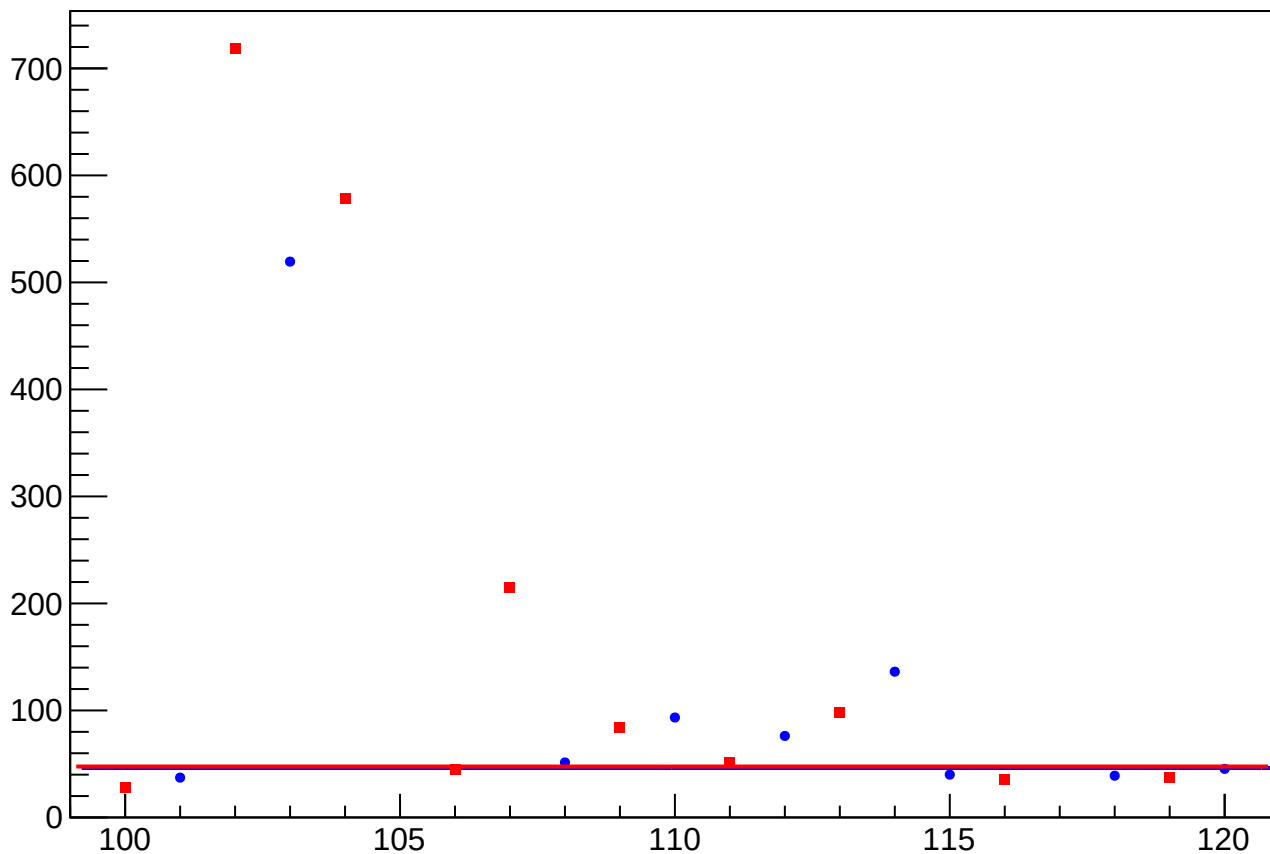
Right: -0.015+/-0.022 χ^2 /NDF: 14.4/18

In: -0.000+/-0.029 χ^2 /NDF:7.5/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.015+/-0.022 χ^2 /NDF: 14.4/18

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.189+/-0.021 χ^2/NDF : 1480396.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.595+/-0.023 χ^2/NDF : 2394730.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

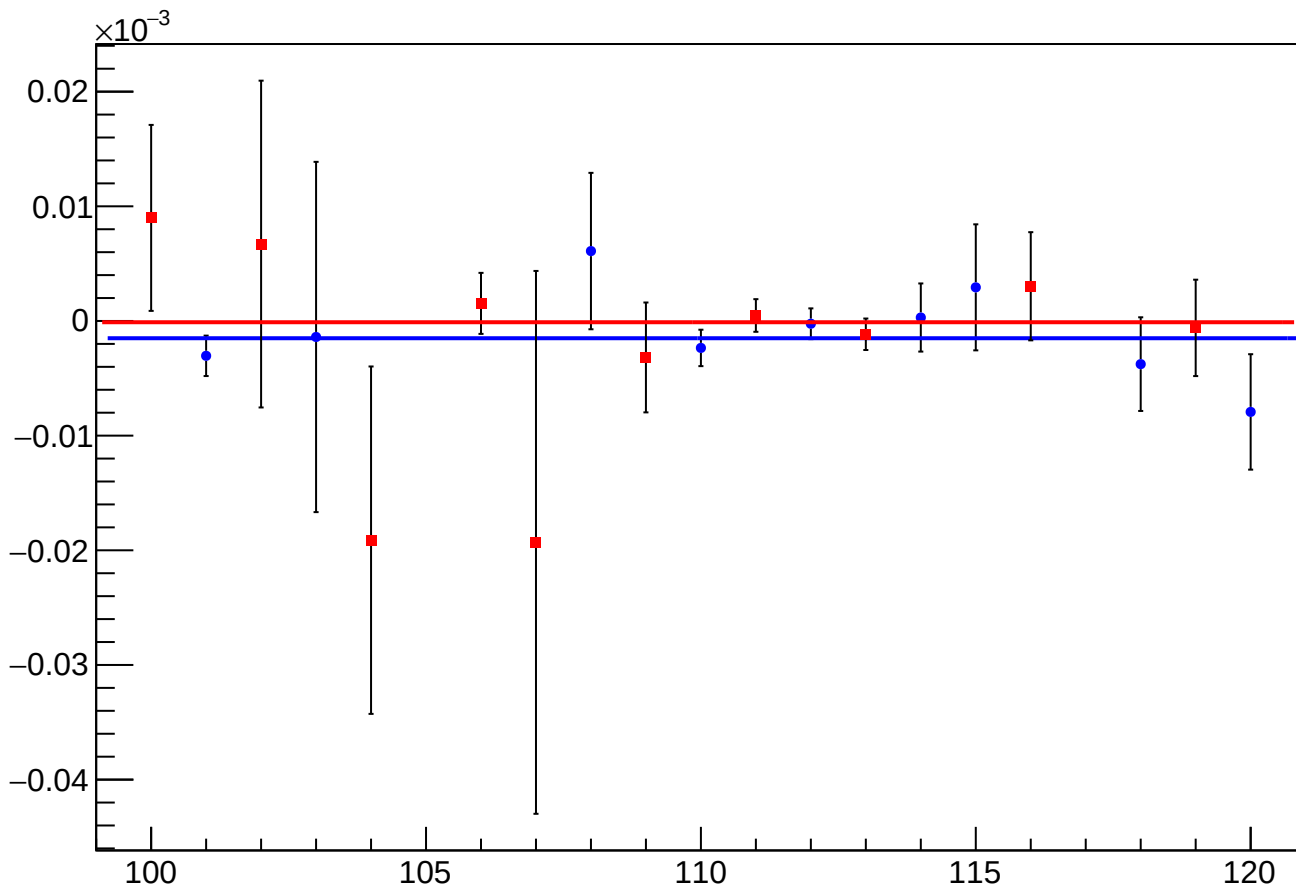
Right: 46.803+/-0.015 χ^2/NDF : 3877170.8/18

In: 46.189+/-0.021 χ^2/NDF : 1480396.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.803+/-0.015 χ^2/NDF : 3877170.8/18

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 6.1/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 5.7/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

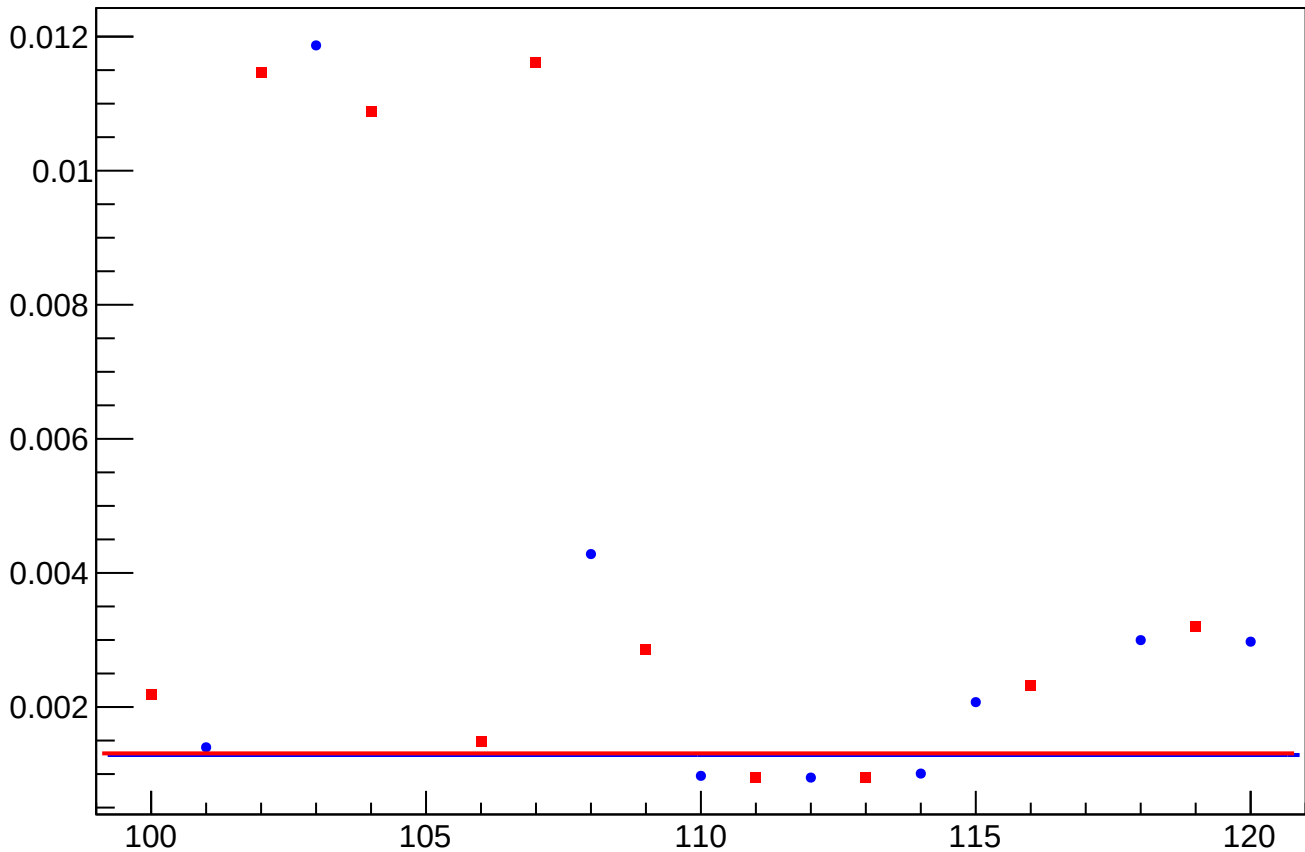
Right: -0.000+/-0.000 χ^2 /NDF: 13.3/18

In: -0.000+/-0.000 χ^2 /NDF:6.1/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 13.3/18

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2194230.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3199137.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

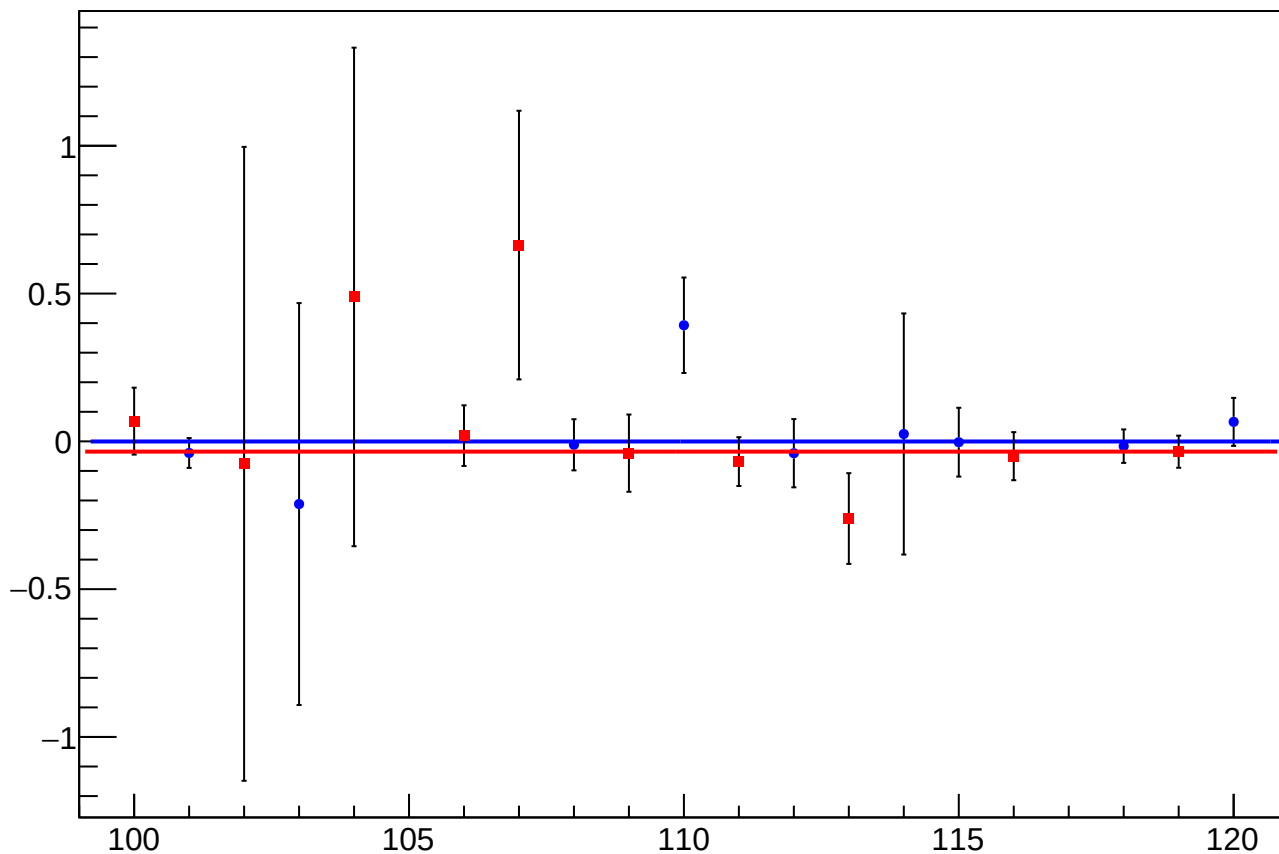
Right: 0.001+/-0.000 χ^2/NDF : 5394203.7/18

In: 0.001+/-0.000 χ^2/NDF :2194230.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5394203.7/18

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.029 χ^2/NDF : 7.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.035+/-0.033 χ^2/NDF : 6.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

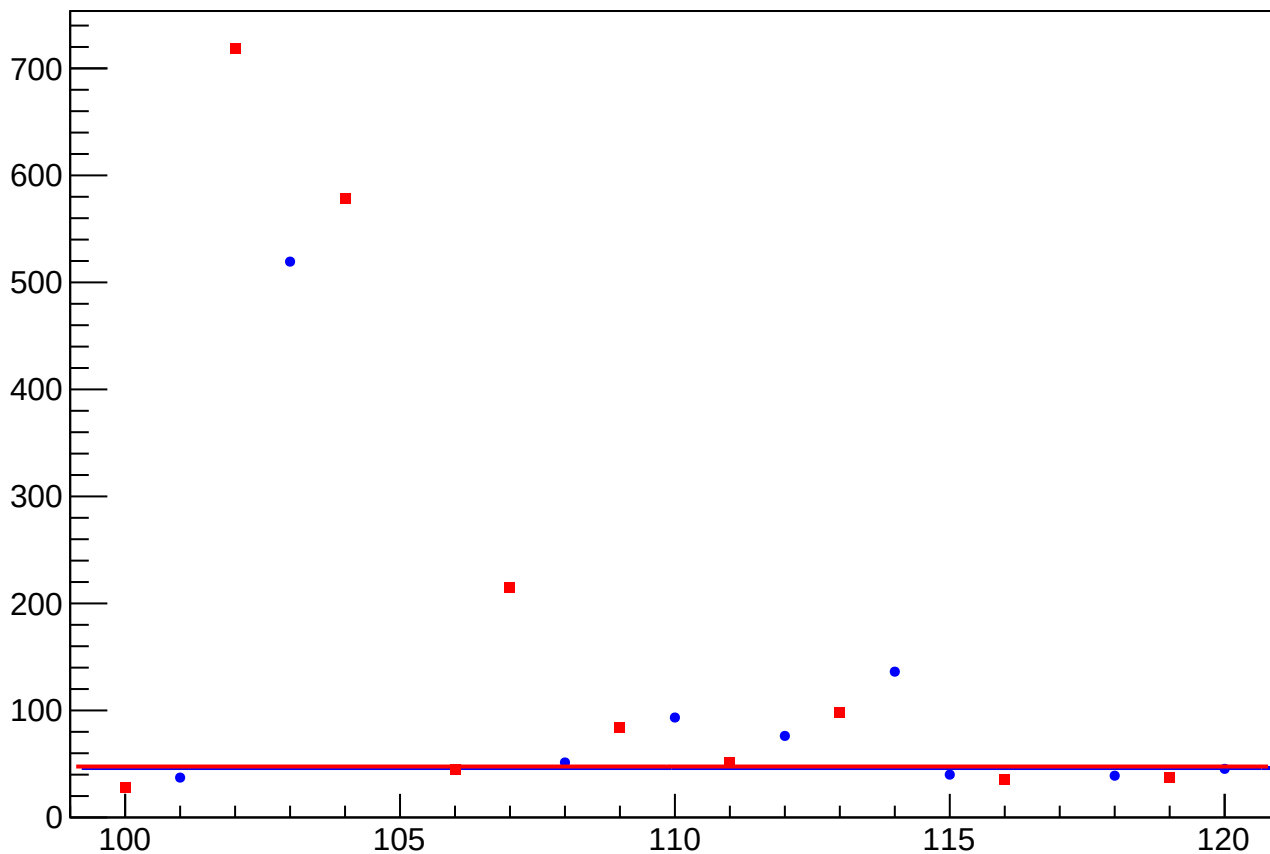
Right: -0.015+/-0.022 χ^2/NDF : 14.4/18

In: -0.000+/-0.029 χ^2/NDF :7.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.015+/-0.022 χ^2/NDF : 14.4/18

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.189+/-0.021 χ^2/NDF : 1480402.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.595+/-0.023 χ^2/NDF : 2394735.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

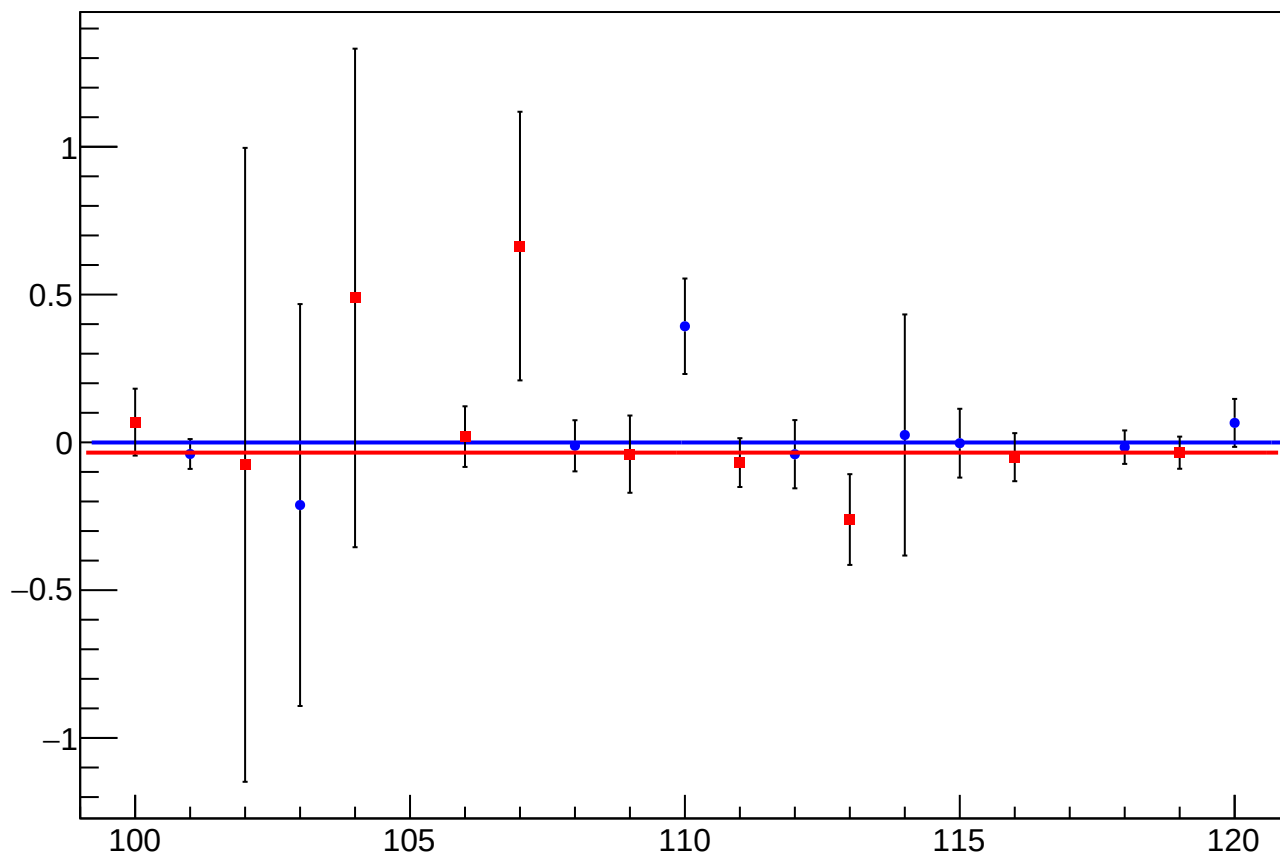
Right: 46.803+/-0.015 χ^2/NDF : 3877181.3/18

In: 46.189+/-0.021 χ^2/NDF : 1480402.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.803+/-0.015 χ^2/NDF : 3877181.3/18

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.029 χ^2 /NDF: 7.5/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.035+/-0.033 χ^2 /NDF: 6.2/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

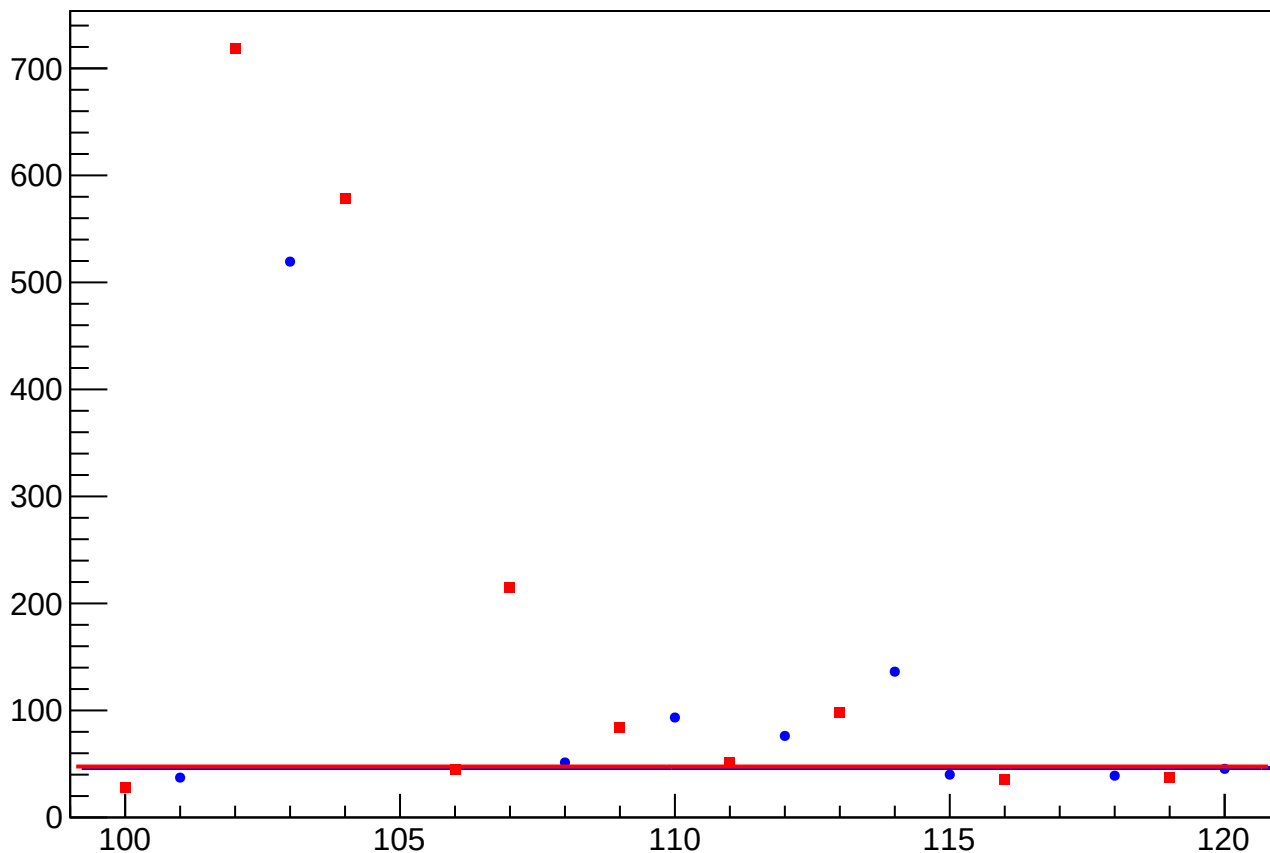
Right: -0.015+/-0.022 χ^2 /NDF: 14.4/18

In: -0.000+/-0.029 χ^2 /NDF:7.5/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.015+/-0.022 χ^2 /NDF: 14.4/18

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.189+/-0.021 χ^2/NDF : 1480402.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 47.595+/-0.023 χ^2/NDF : 2394735.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

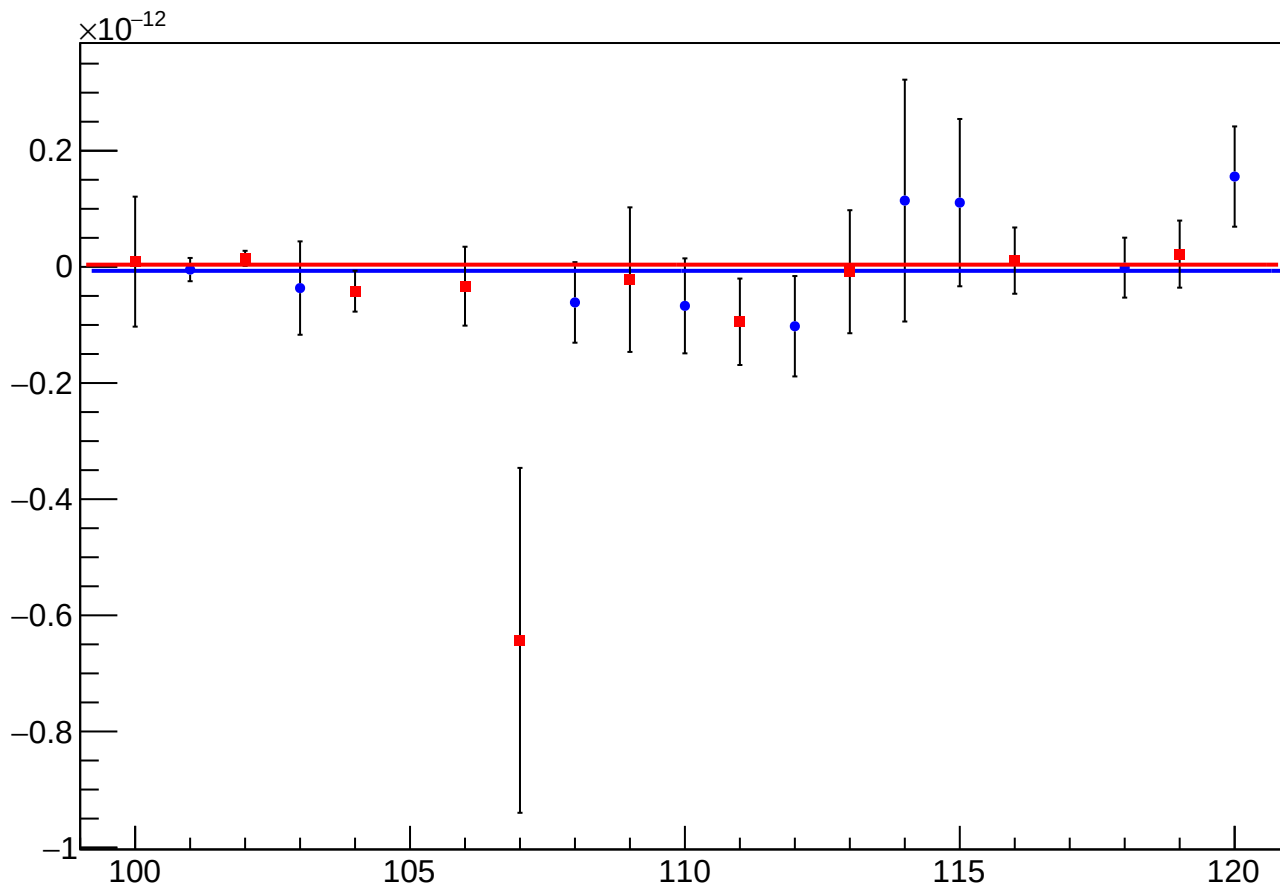
Right: 46.803+/-0.015 χ^2/NDF : 3877181.3/18

In: 46.189+/-0.021 χ^2/NDF :1480402.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 46.803+/-0.015 χ^2/NDF : 3877181.3/18

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

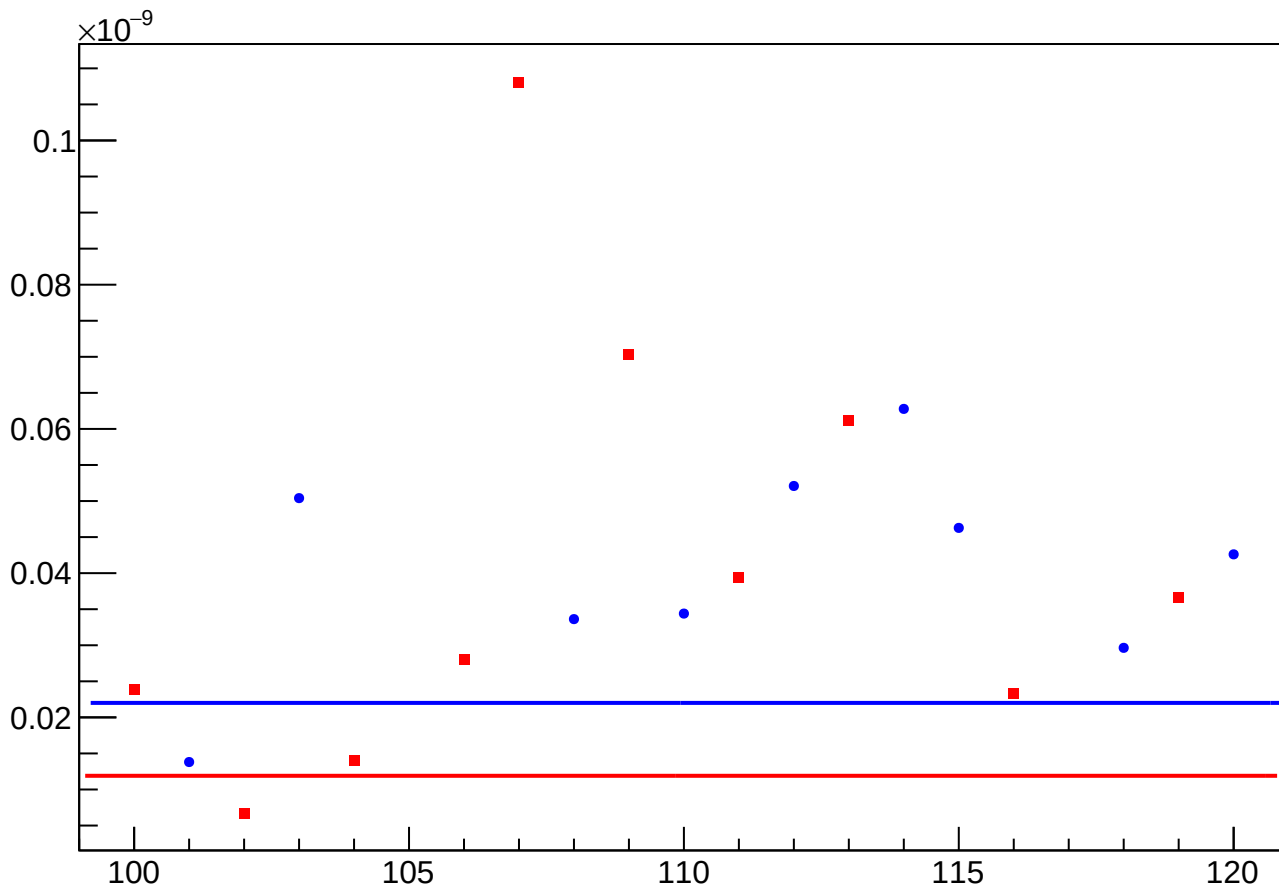
Right: 0.000+/-0.000 χ^2/NDF : 16.7/18

In: -0.000+/-0.000 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.7/18

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1219715.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2272196.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

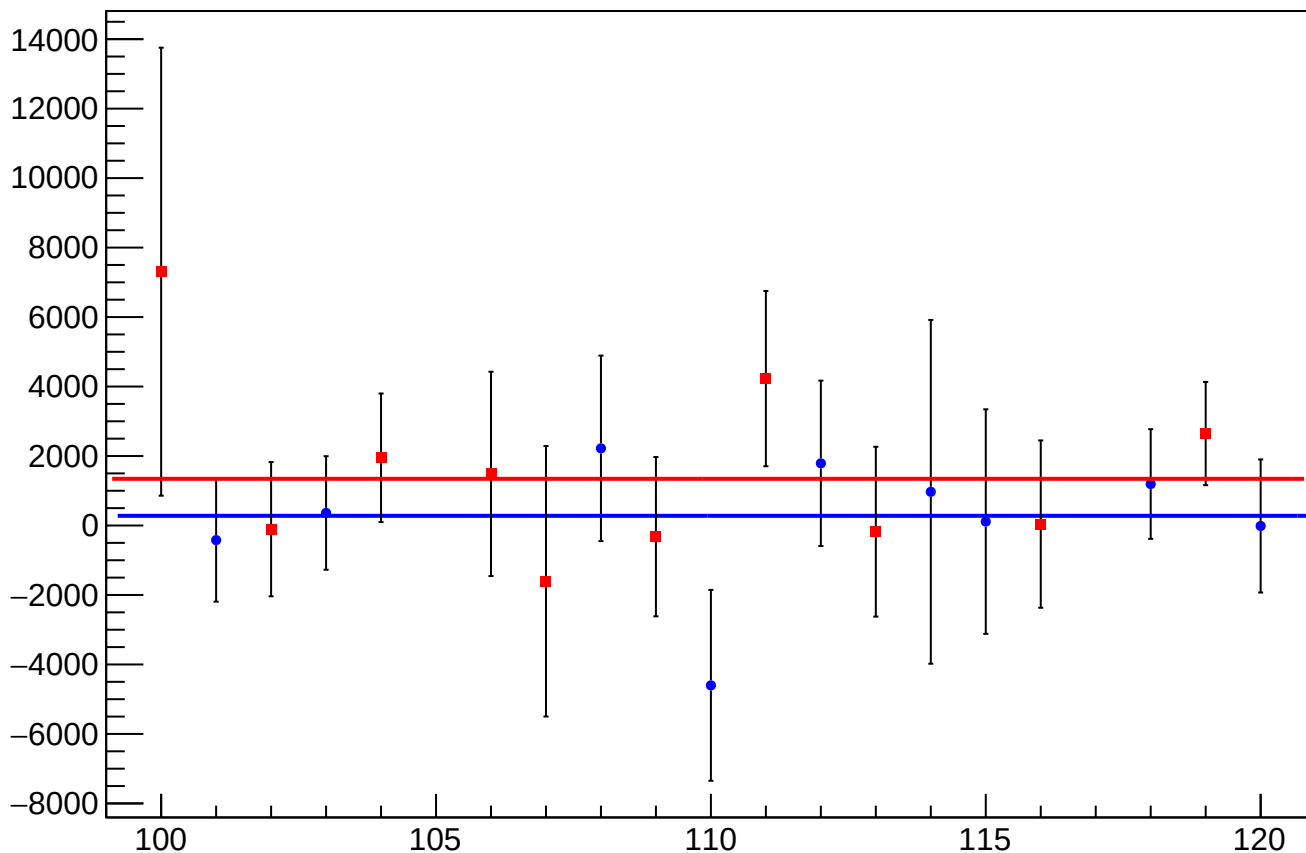
Right: 0.000+/-0.000 χ^2/NDF : 4010536.5/18

In: 0.000+/-0.000 χ^2/NDF : 1219715.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4010536.5/18

reg_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 279.219+/-715.648 χ^2/NDF : 4.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1344.240+/-724.501 χ^2/NDF : 5.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

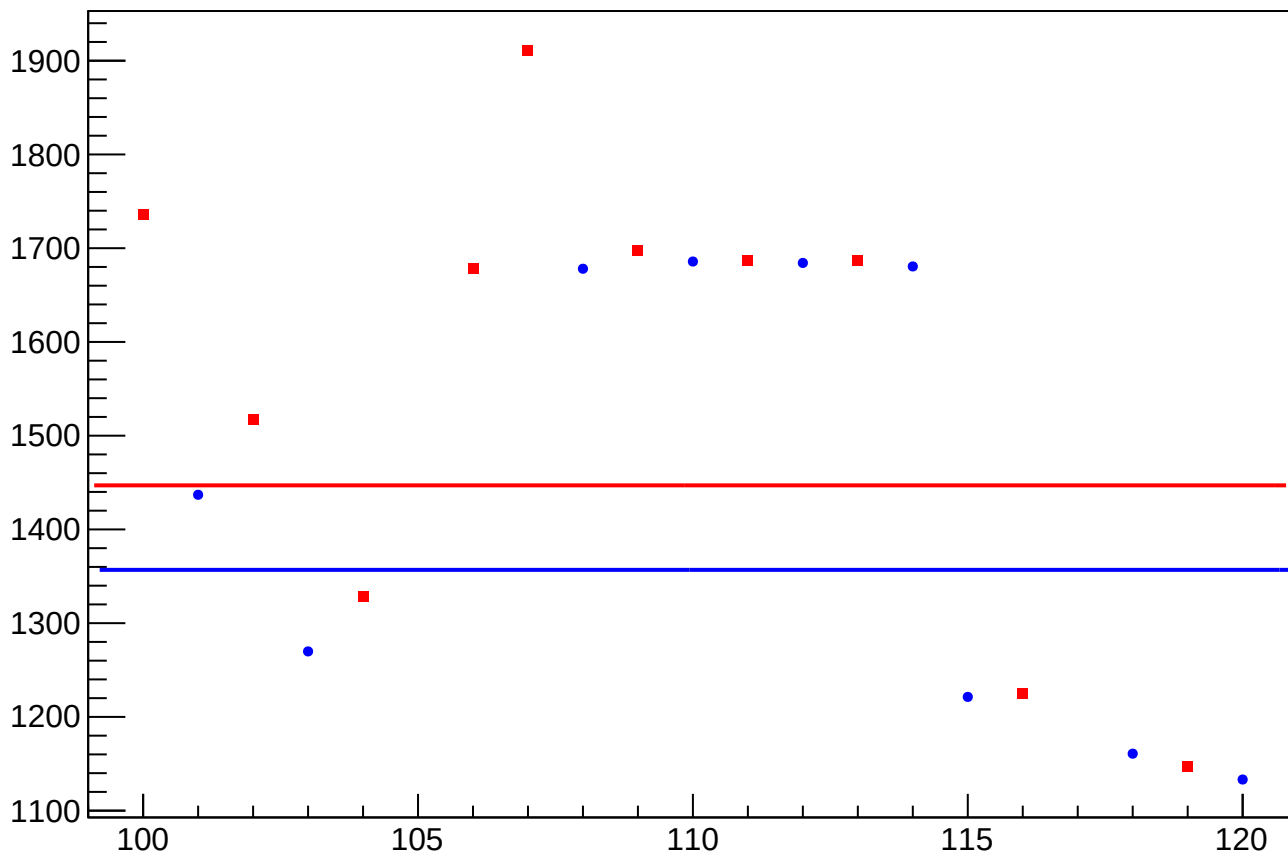
Right: 805.183+/-509.141 χ^2/NDF : 11.1/18

In: 279.219+/-715.648 χ^2/NDF : 4.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 805.183+/-509.141 χ^2/NDF : 11.1/18

reg_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1356.872+/-0.506 χ^2/NDF : 175413.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1447.010+/-0.512 χ^2/NDF : 215099.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

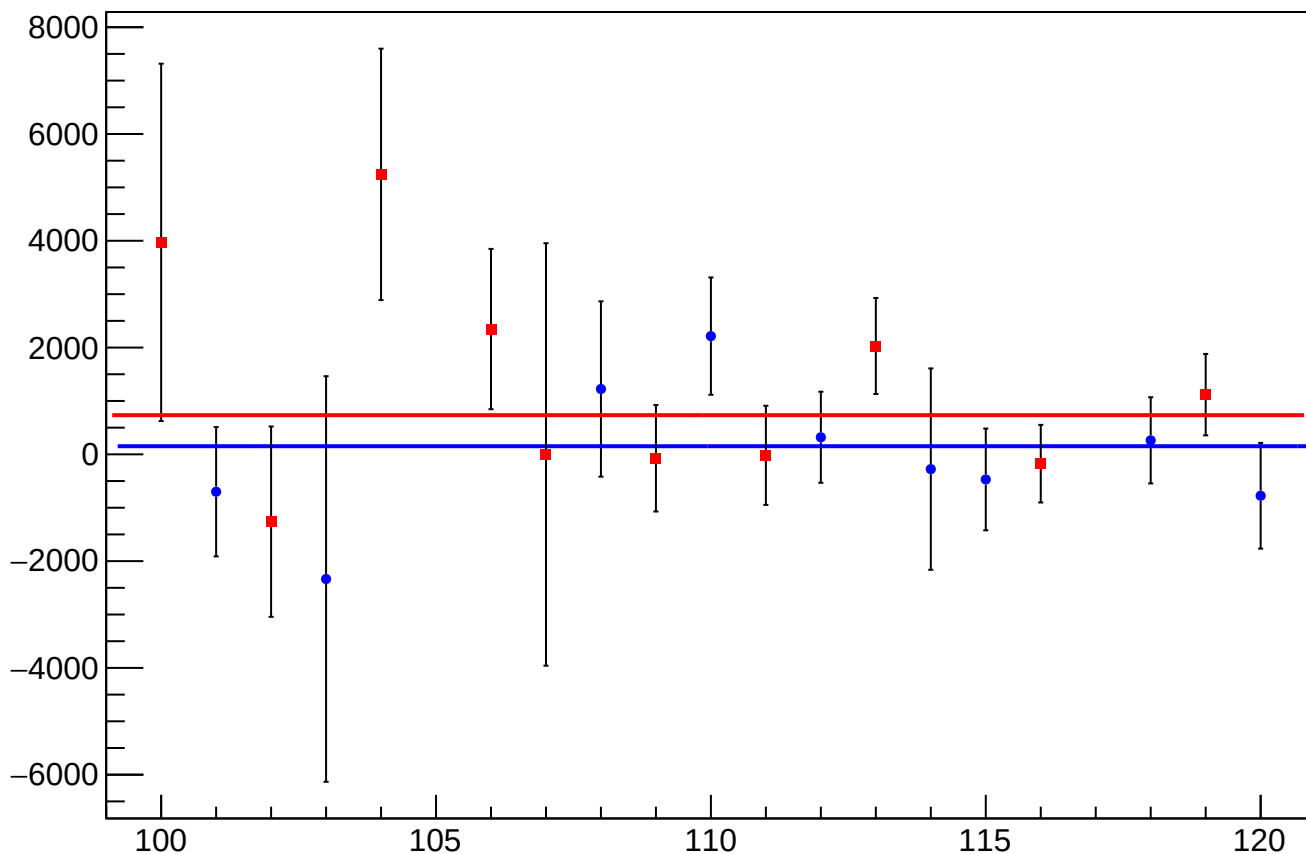
Right: 1401.387+/-0.360 χ^2/NDF : 406181.7/18

In: 1356.872+/-0.506 χ^2/NDF : 175413.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1401.387+/-0.360 χ^2/NDF : 406181.7/18

asym_usl_atl1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 152.258+/-371.047 χ^2/NDF : 6.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 733.864+/-351.150 χ^2/NDF : 12.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

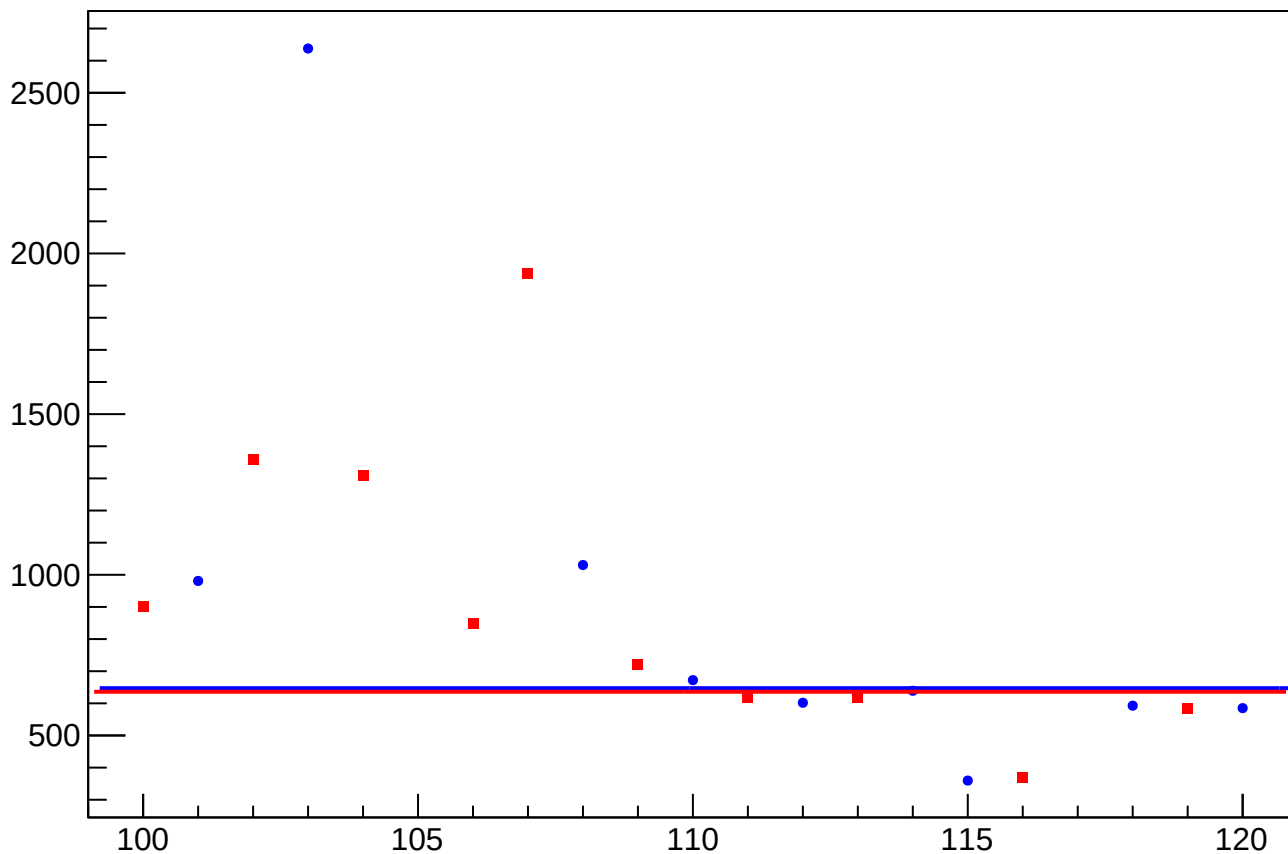
Right: 459.073+/-255.045 χ^2/NDF : 19.8/18

In: 152.258+/-371.047 χ^2/NDF : 6.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 459.073+/-255.045 χ^2/NDF : 19.8/18

asym_usl_atl1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 647.180+/-0.262 χ^2/NDF : 1016179.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 636.090+/-0.248 χ^2/NDF : 1058146.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

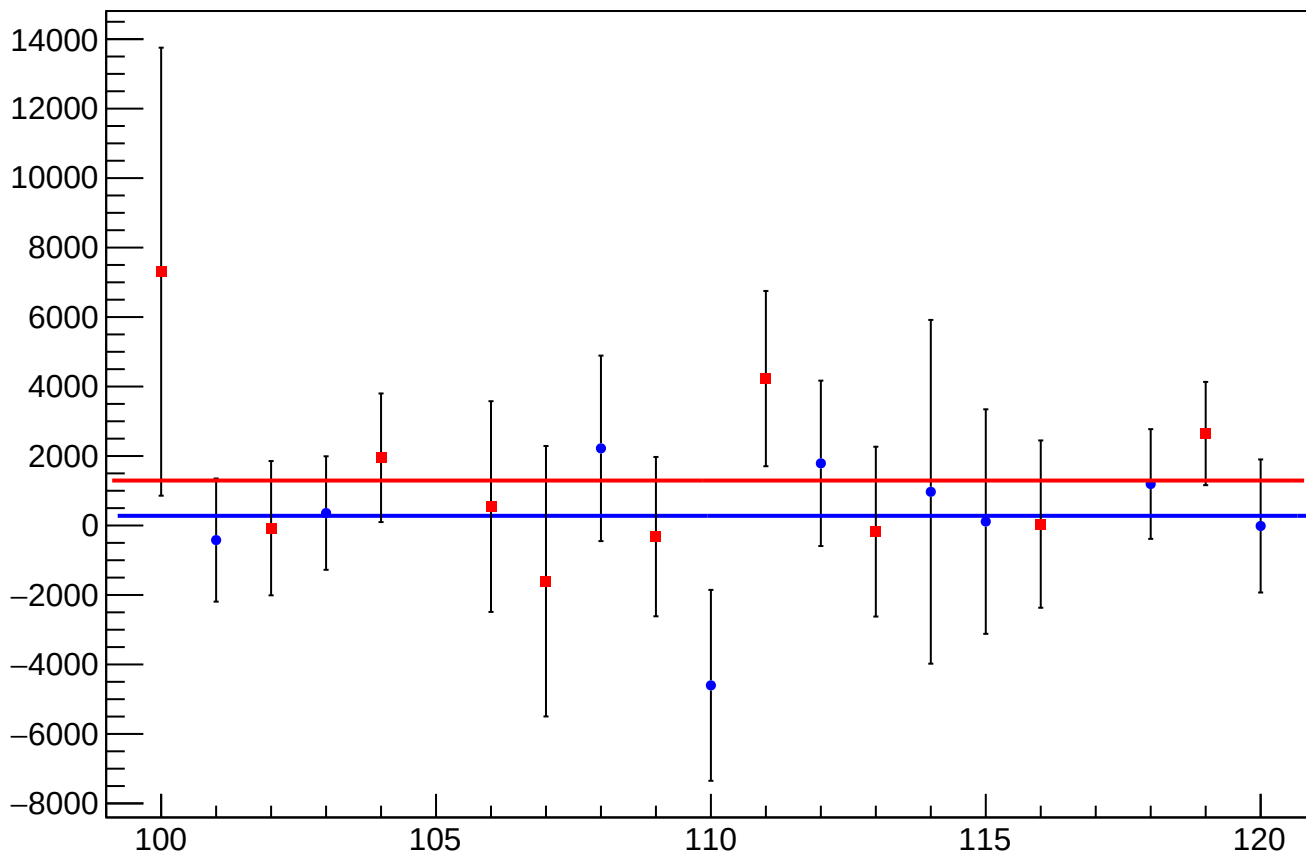
Right: 641.329+/-0.180 χ^2/NDF : 2075268.8/18

In: 647.180+/-0.262 χ^2/NDF : 1016179.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 641.329+/-0.180 χ^2/NDF : 2075268.8/18

cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 278.619+/-715.648 χ^2/NDF : 4.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1294.290+/-725.836 χ^2/NDF : 5.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

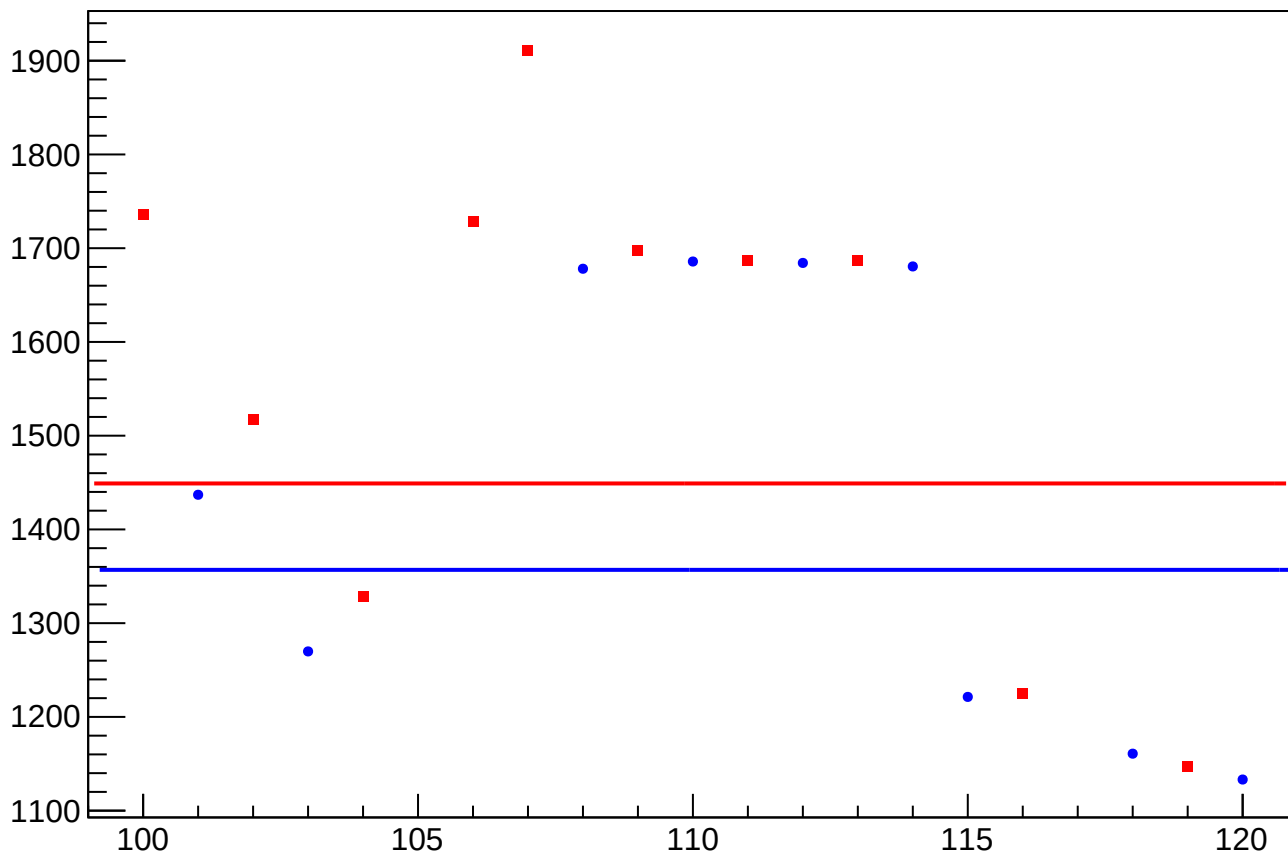
Right: 779.277+/-509.603 χ^2/NDF : 11.0/18

In: 278.619+/-715.648 χ^2/NDF :4.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 779.277+/-509.603 χ^2/NDF : 11.0/18

cor_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1356.872+/-0.506 χ^2/NDF : 175413.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1449.035+/-0.513 χ^2/NDF : 219907.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

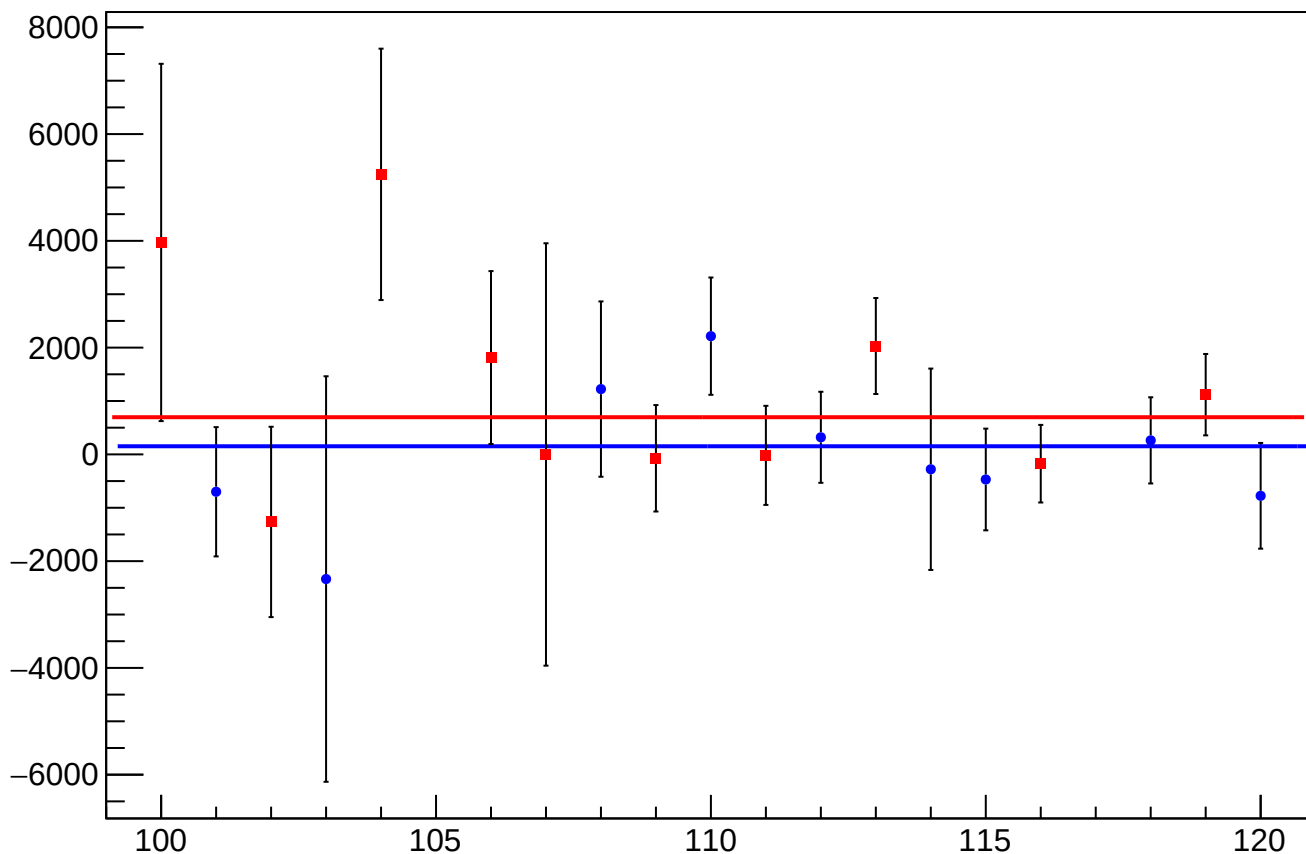
Right: 1402.302+/-0.360 χ^2/NDF : 411671.1/18

In: 1356.872+/-0.506 χ^2/NDF : 175413.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1402.302+/-0.360 χ^2/NDF : 411671.1/18

asym_usl_atl1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 152.063+/-371.045 χ^2/NDF : 6.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 696.387+/-352.503 χ^2/NDF : 11.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

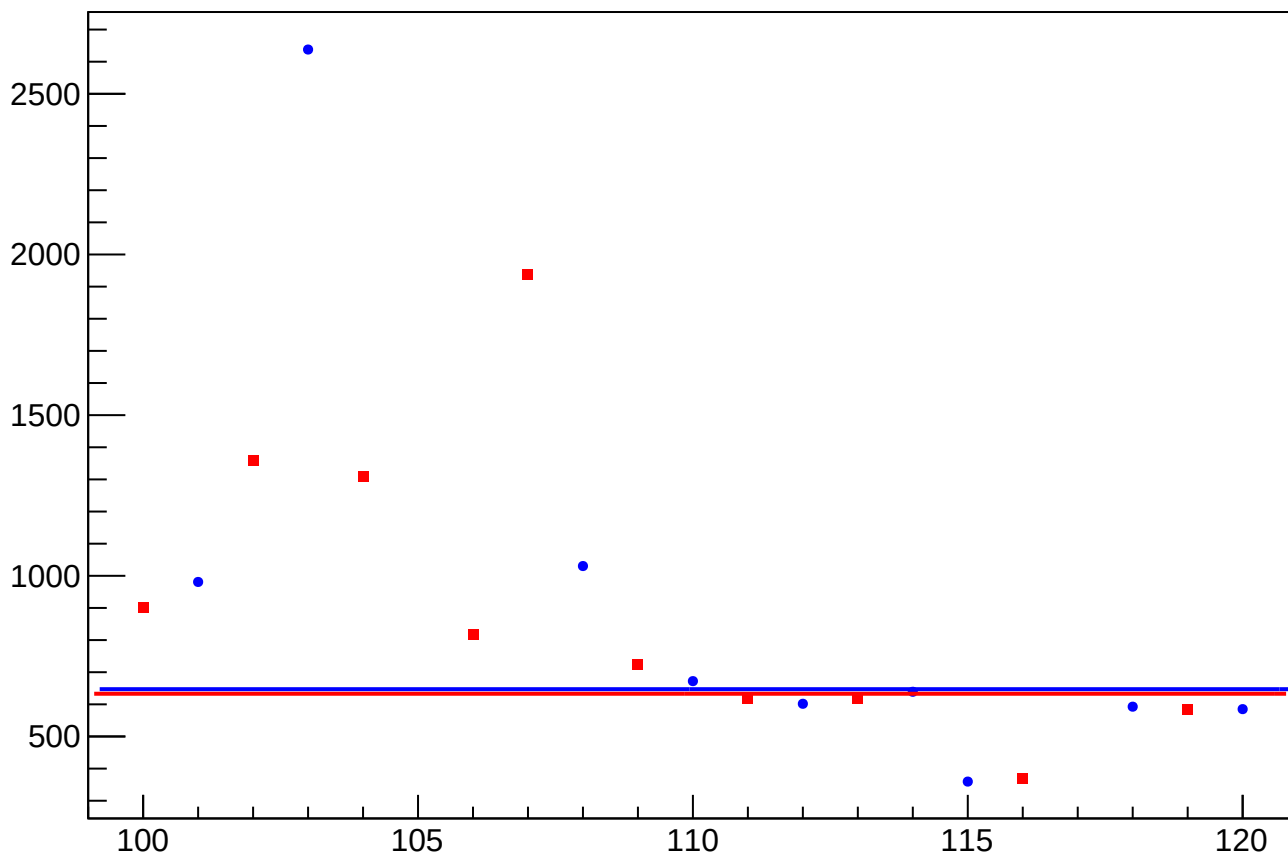
Right: 438.165+/-255.561 χ^2/NDF : 19.0/18

In: 152.063+/-371.045 χ^2/NDF :6.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 438.165+/-255.561 χ^2/NDF : 19.0/18

asym_usl_atl1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 647.173+/-0.262 χ^2/NDF : 1016173.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 632.987+/-0.249 χ^2/NDF : 1043349.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

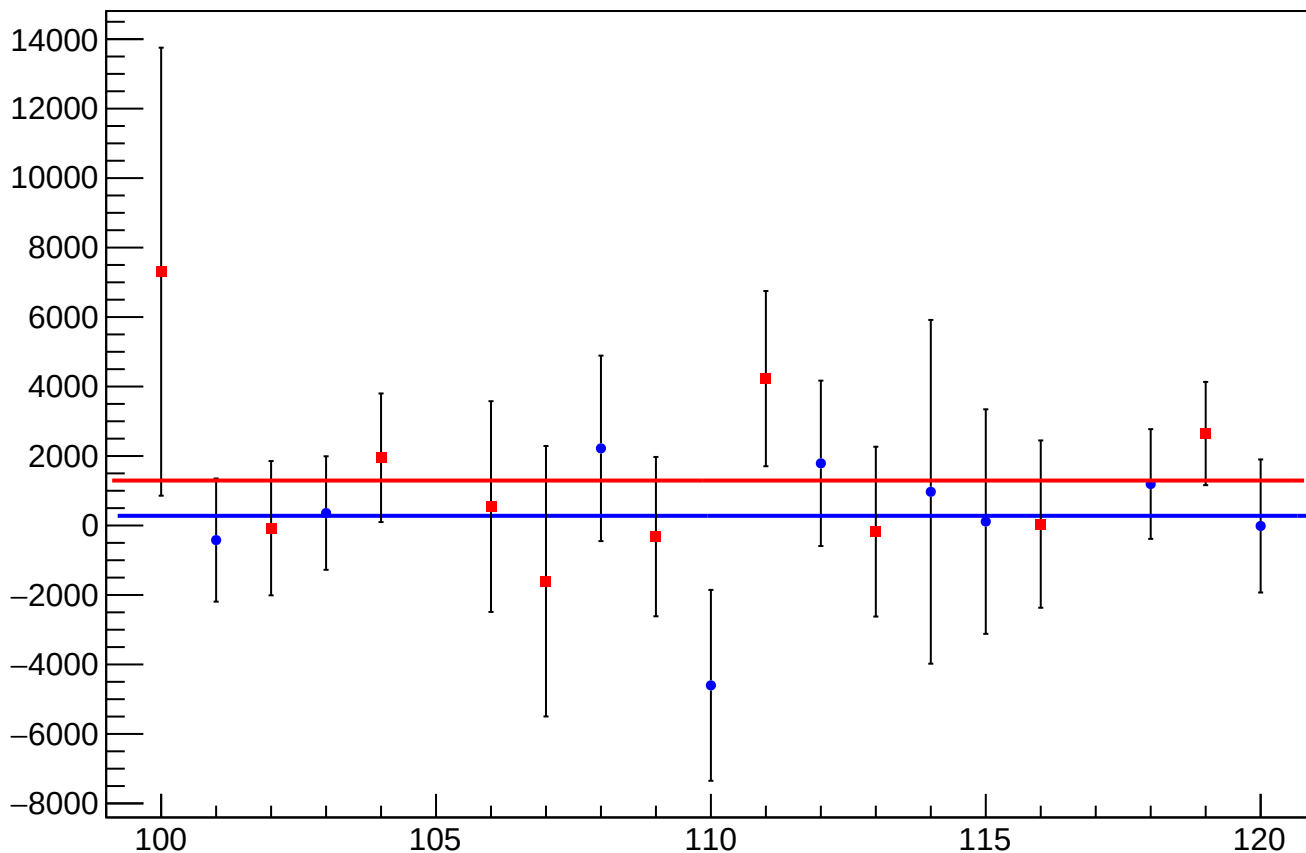
Right: 639.716+/-0.181 χ^2/NDF : 2061060.2/18

In: 647.173+/-0.262 χ^2/NDF :1016173.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 639.716+/-0.181 χ^2/NDF : 2061060.2/18

eigen_cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 278.619+/-715.648 χ^2 /NDF: 4.6/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1294.290+/-725.836 χ^2 /NDF: 5.4/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

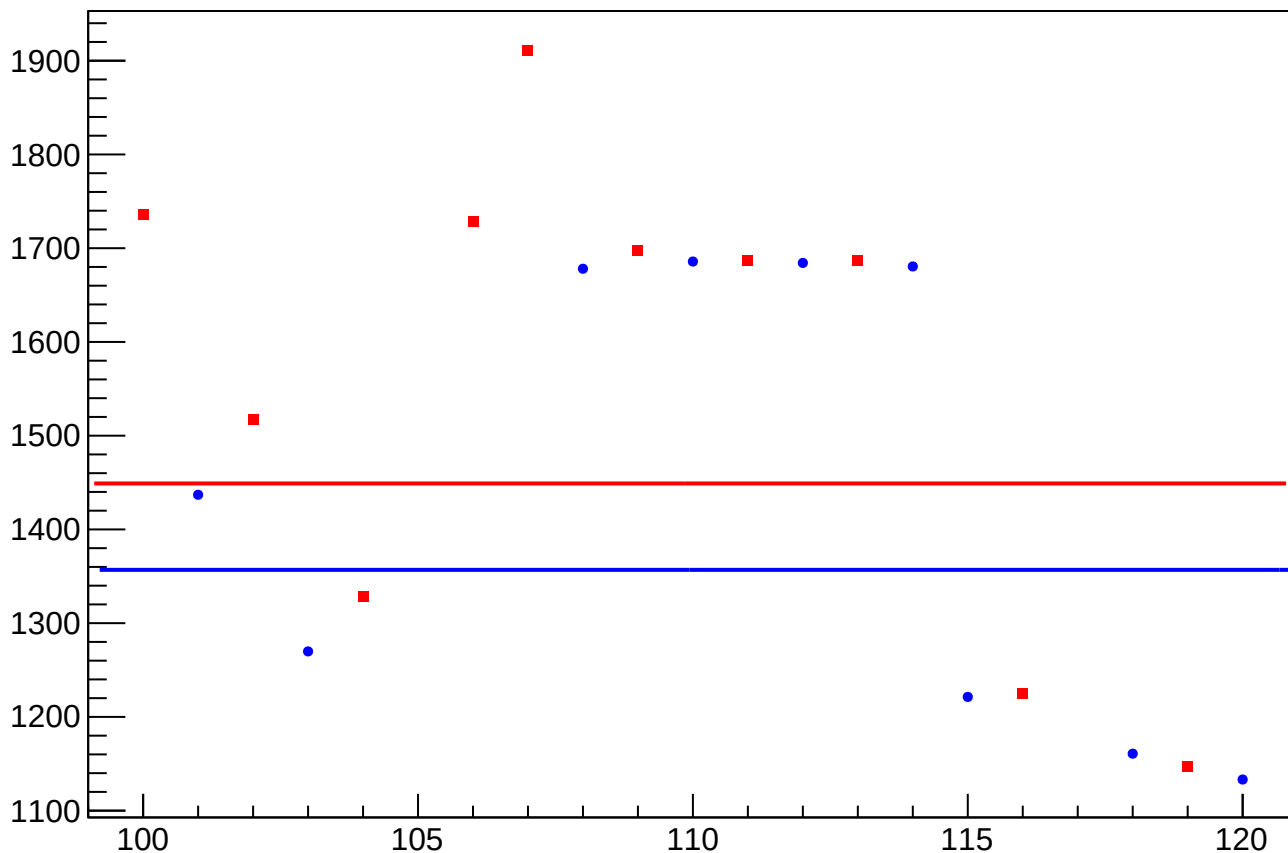
Right: 779.277+/-509.603 χ^2 /NDF: 11.0/18

In: 278.619+/-715.648 χ^2 /NDF:4.6/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 779.277+/-509.603 χ^2 /NDF: 11.0/18

eigen_cor_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1356.872 $\pm$ 0.506 χ^2 /NDF: 175413.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1449.035 $\pm$ 0.513 χ^2 /NDF: 219907.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

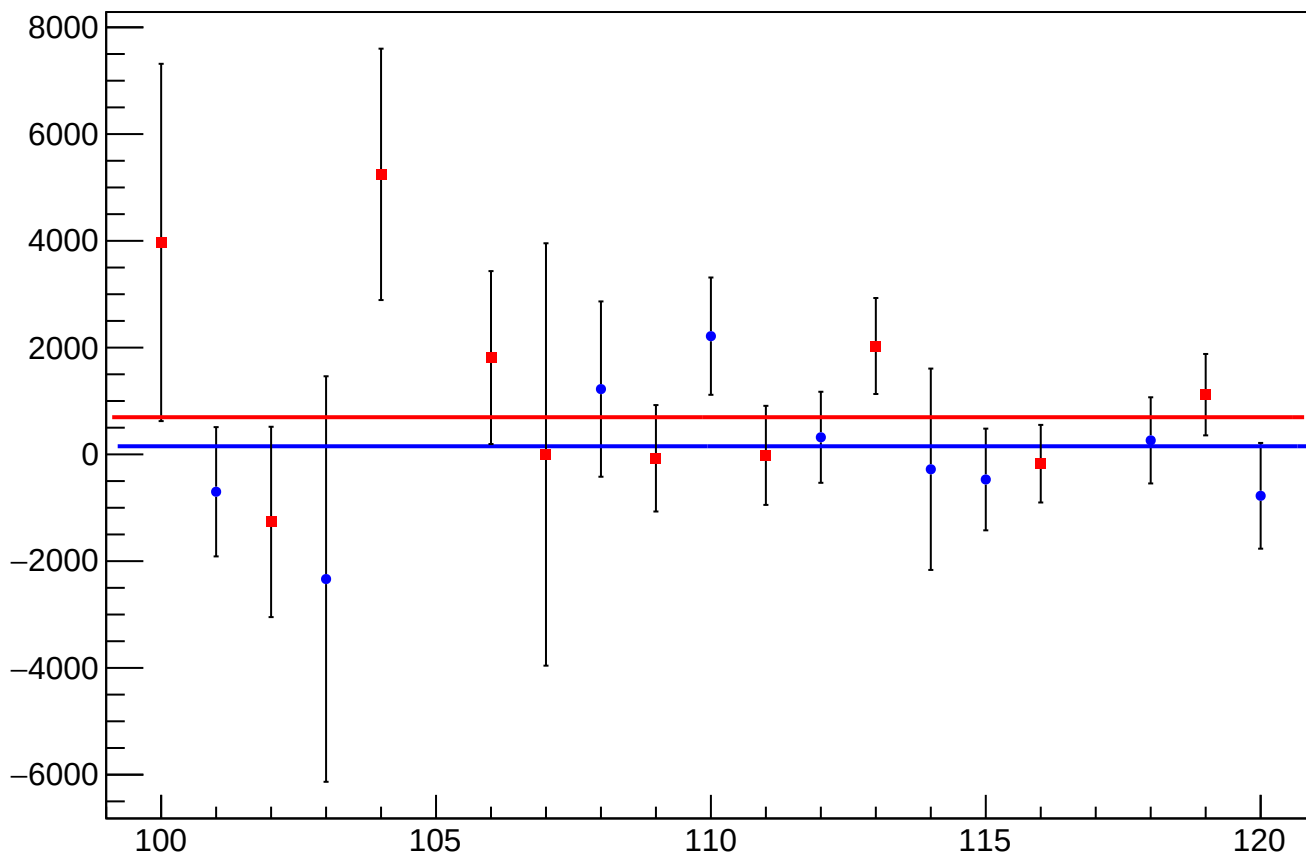
Right: 1402.302 $\pm$ 0.360 χ^2 /NDF: 411671.1/18

In: 1356.872 $\pm$ 0.506 χ^2 /NDF:175413.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1402.302 $\pm$ 0.360 χ^2 /NDF: 411671.1/18

asym_usl_atl1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 152.063+/-371.045 χ^2/NDF : 6.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 696.387+/-352.503 χ^2/NDF : 11.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

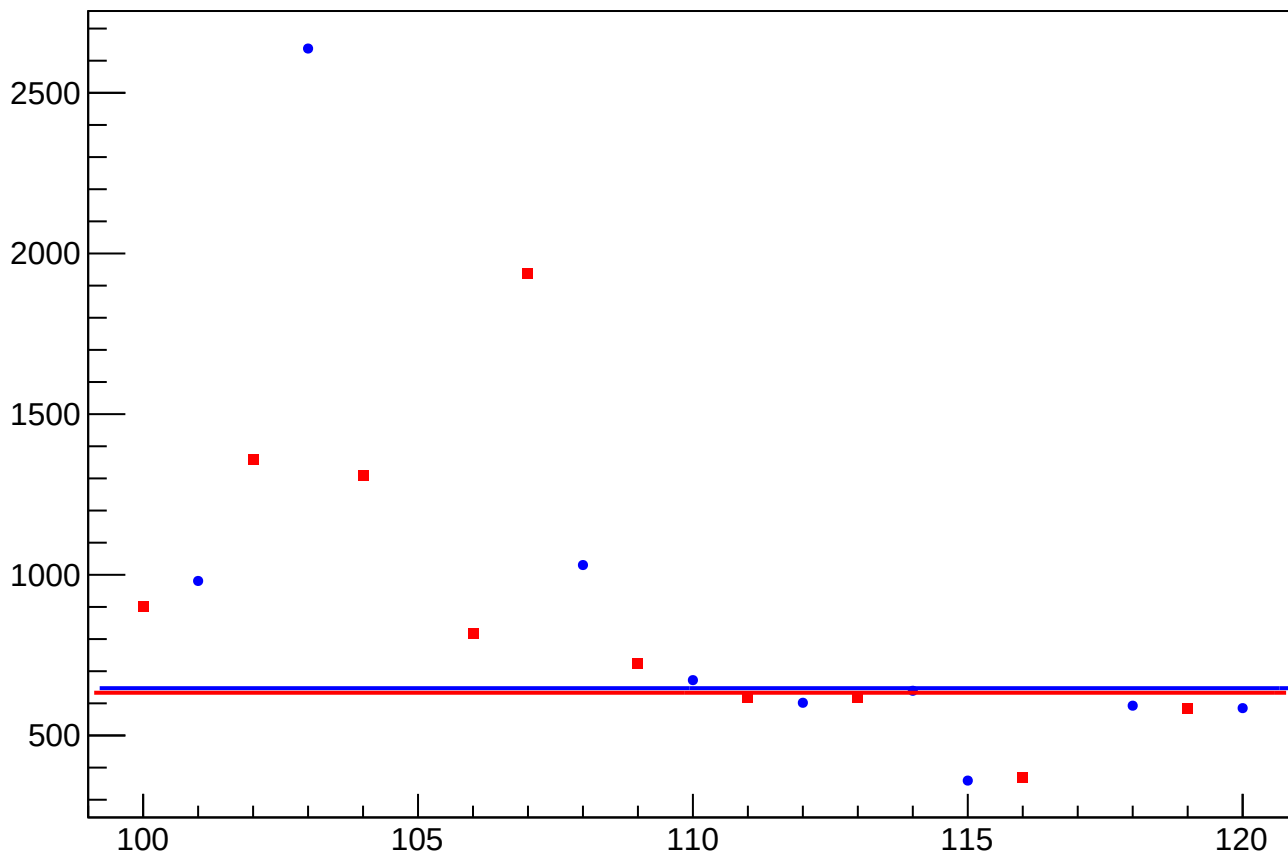
Right: 438.165+/-255.561 χ^2/NDF : 19.0/18

In: 152.063+/-371.045 χ^2/NDF :6.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 438.165+/-255.561 χ^2/NDF : 19.0/18

asym_usl_atl1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 647.173+/-0.262 χ^2/NDF : 1016173.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 632.987+/-0.249 χ^2/NDF : 1043349.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

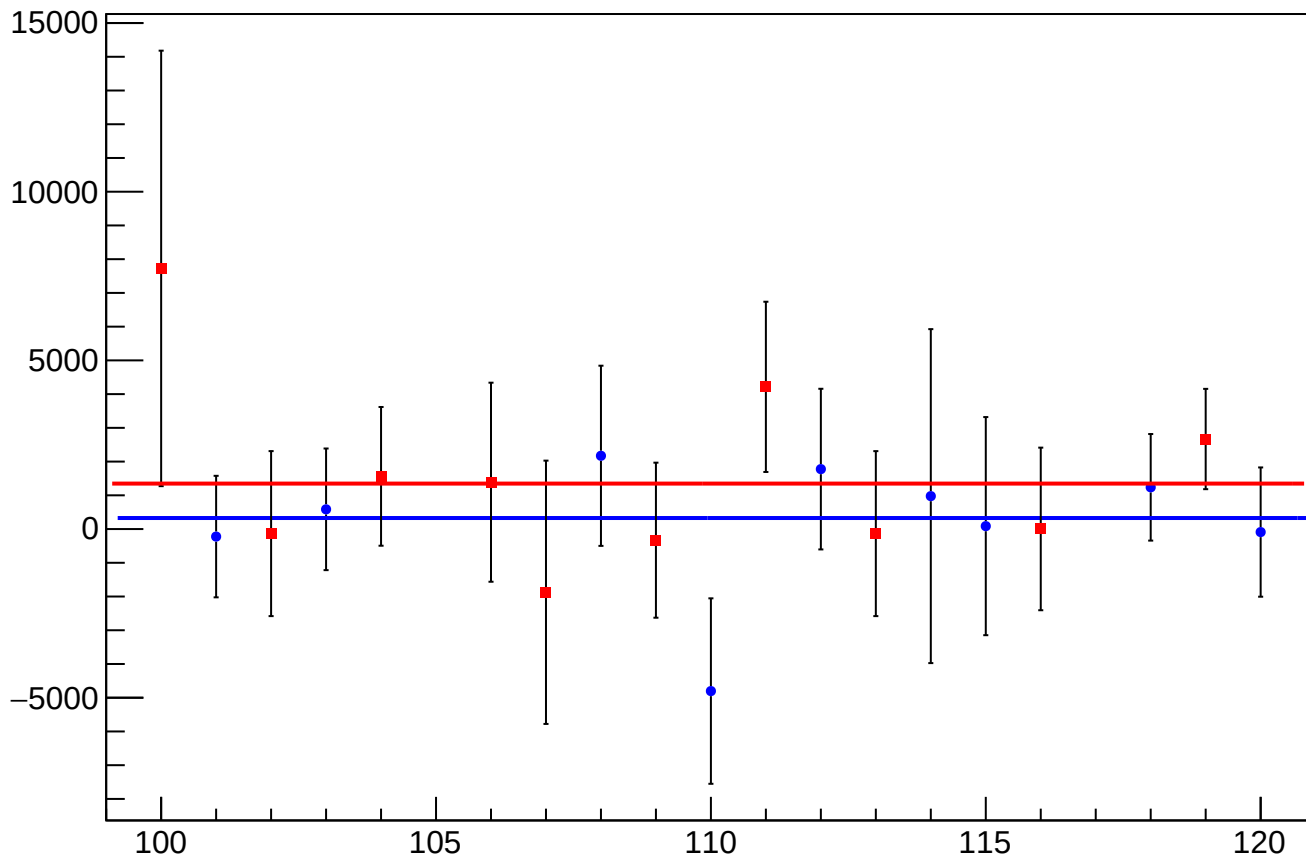
Right: 639.716+/-0.181 χ^2/NDF : 2061060.2/18

In: 647.173+/-0.262 χ^2/NDF :1016173.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 639.716+/-0.181 χ^2/NDF : 2061060.2/18

dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 327.074+/-730.386 χ^2/NDF : 4.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1347.643+/-756.691 χ^2/NDF : 5.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

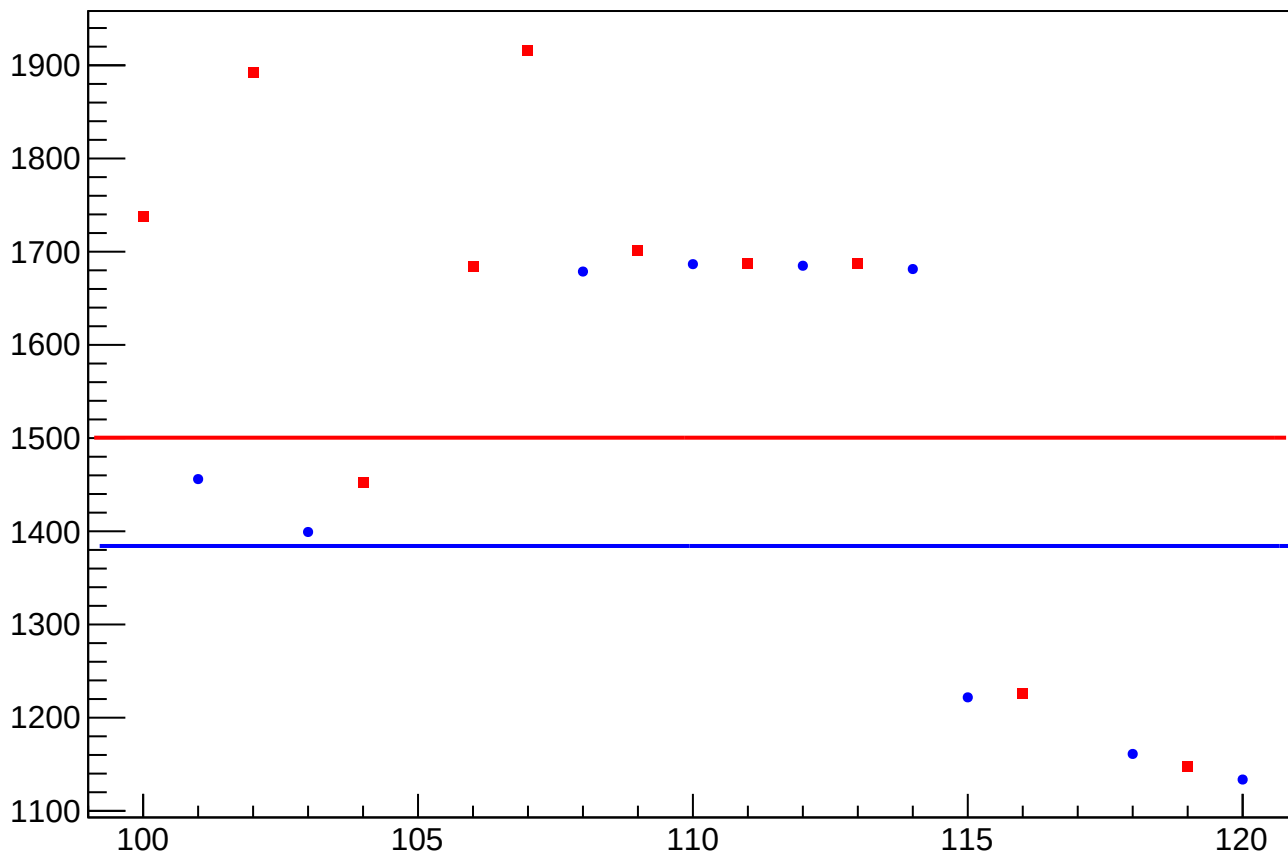
Right: 819.311+/-525.515 χ^2/NDF : 11.1/18

In: 327.074+/-730.386 χ^2/NDF : 4.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 819.311+/-525.515 χ^2/NDF : 11.1/18

dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1384.232+/-0.516 χ^2/NDF : 170103.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1500.431+/-0.535 χ^2/NDF : 261834.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

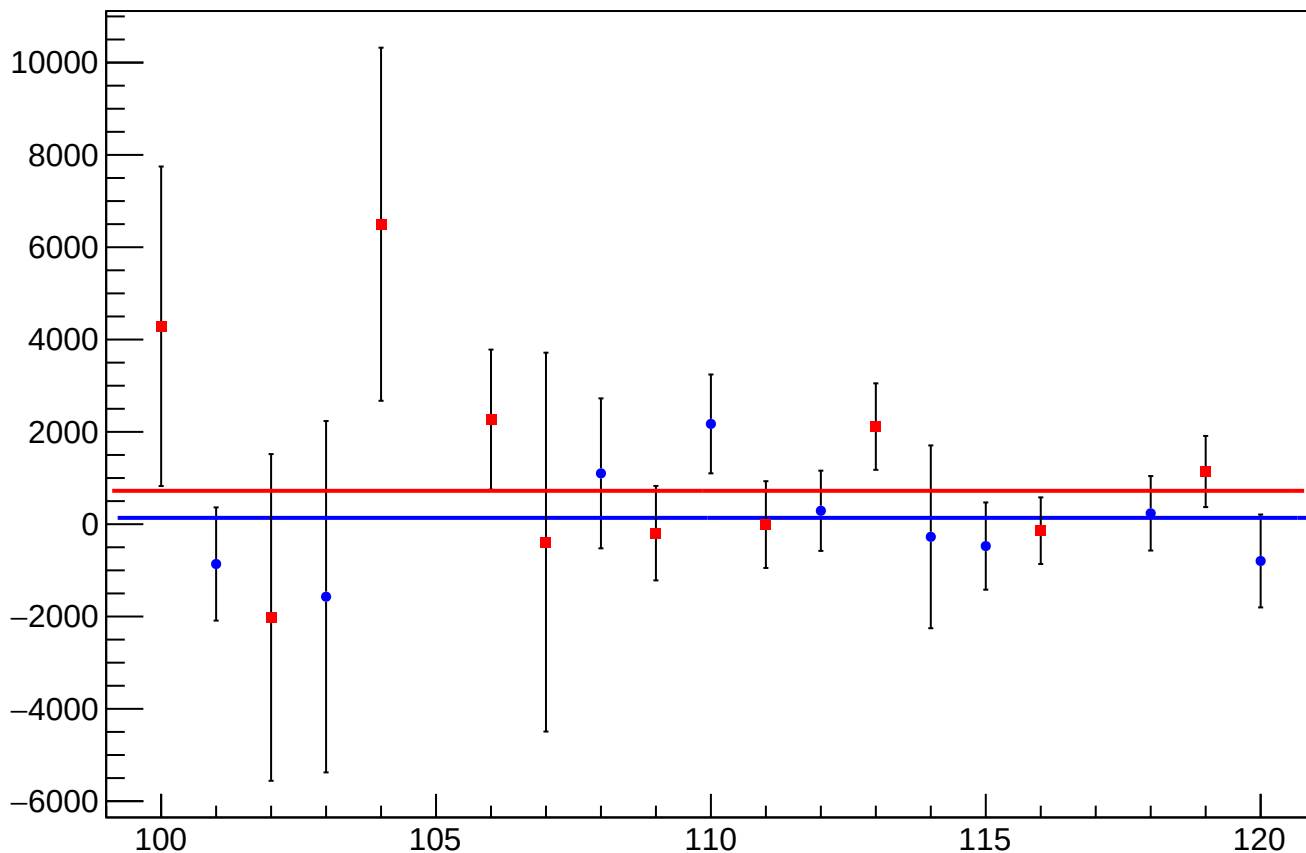
Right: 1440.276+/-0.372 χ^2/NDF : 456353.0/18

In: 1384.232+/-0.516 χ^2/NDF : 170103.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1440.276+/-0.372 χ^2/NDF : 456353.0/18

asym_usl_atl1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 137.273+/-372.466 χ^2/NDF : 6.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 723.551+/-363.849 χ^2/NDF : 10.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

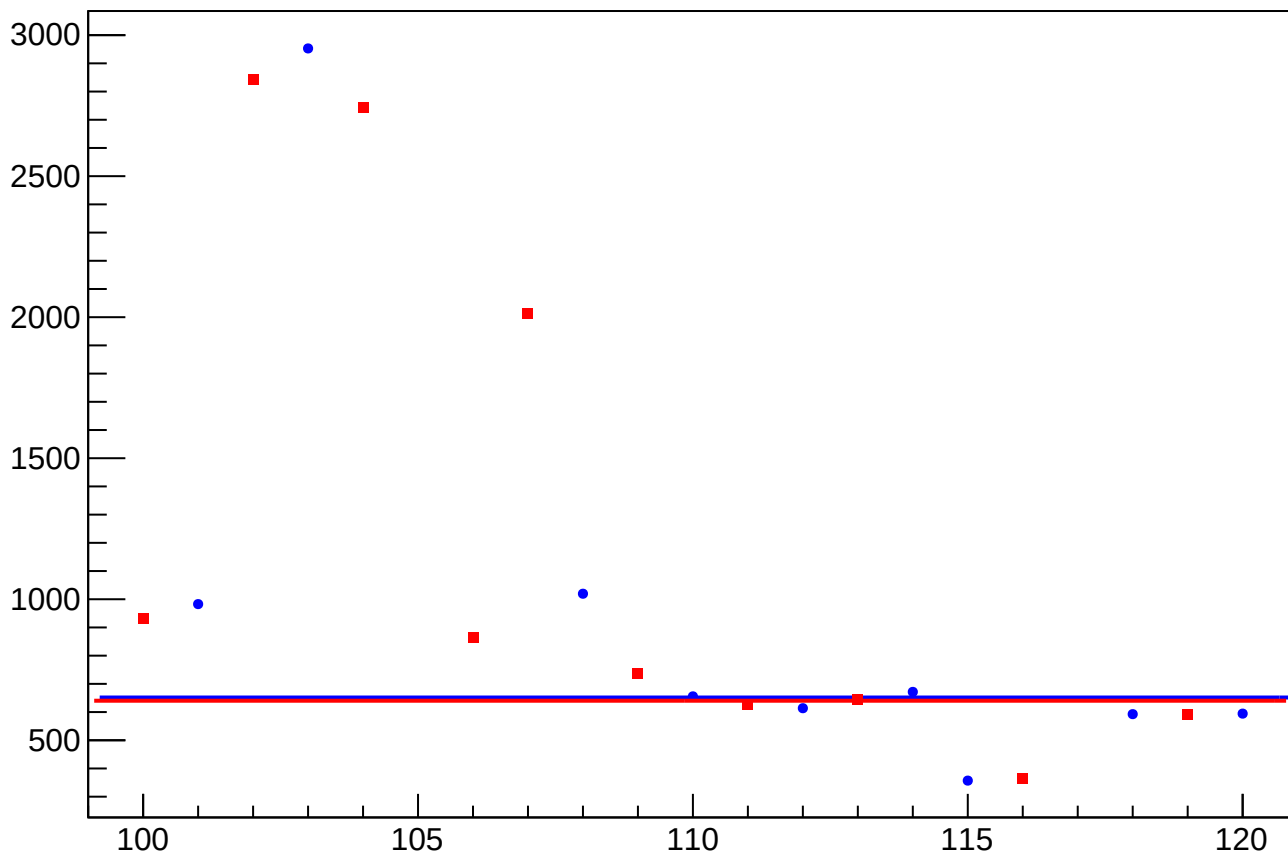
Right: 437.273+/-260.273 χ^2/NDF : 17.9/18

In: 137.273+/-372.466 χ^2/NDF :6.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 437.273+/-260.273 χ^2/NDF : 17.9/18

asym_usl_atl1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 651.598+/-0.263 χ^2/NDF : 1195399.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 640.226+/-0.257 χ^2/NDF : 1976418.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

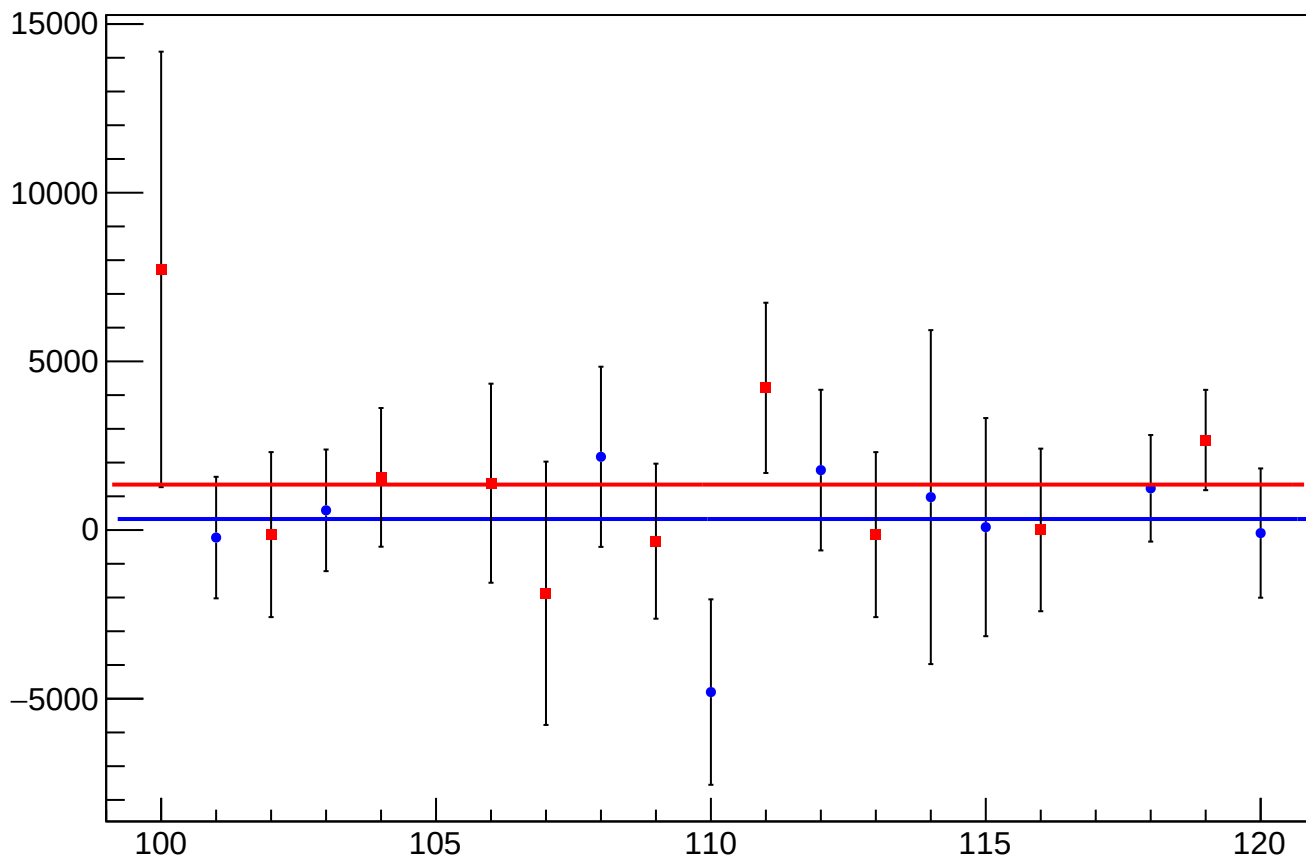
Right: 645.779+/-0.184 χ^2/NDF : 3172772.2/18

In: 651.598+/-0.263 χ^2/NDF : 1195399.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 645.779+/-0.184 χ^2/NDF : 3172772.2/18

eigen_dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 327.076+/-730.386 χ^2/NDF : 4.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1347.642+/-756.691 χ^2/NDF : 5.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

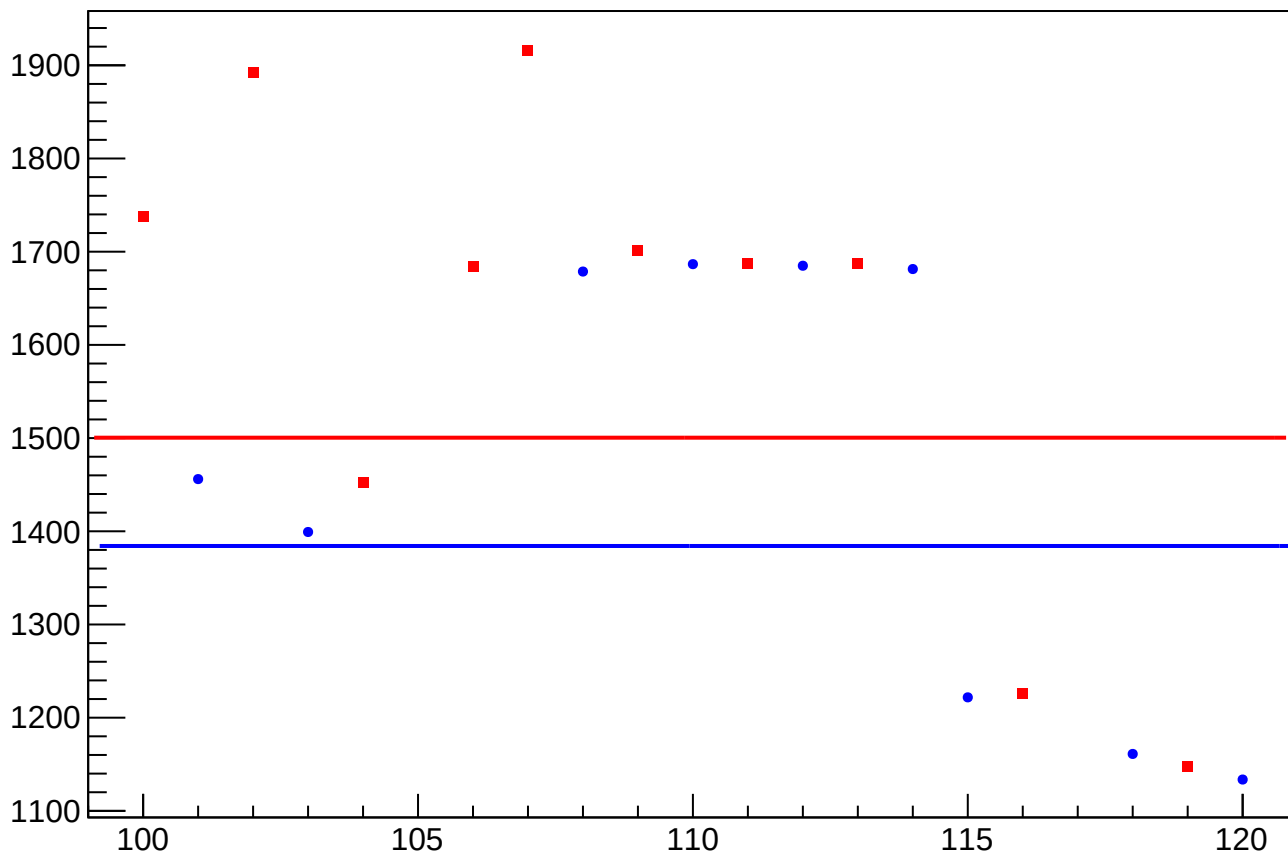
Right: 819.312+/-525.514 χ^2/NDF : 11.1/18

In: 327.076+/-730.386 χ^2/NDF : 4.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 819.312+/-525.514 χ^2/NDF : 11.1/18

eigen_dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1384.231+/-0.516 χ^2/NDF : 170103.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1500.431+/-0.535 χ^2/NDF : 261834.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

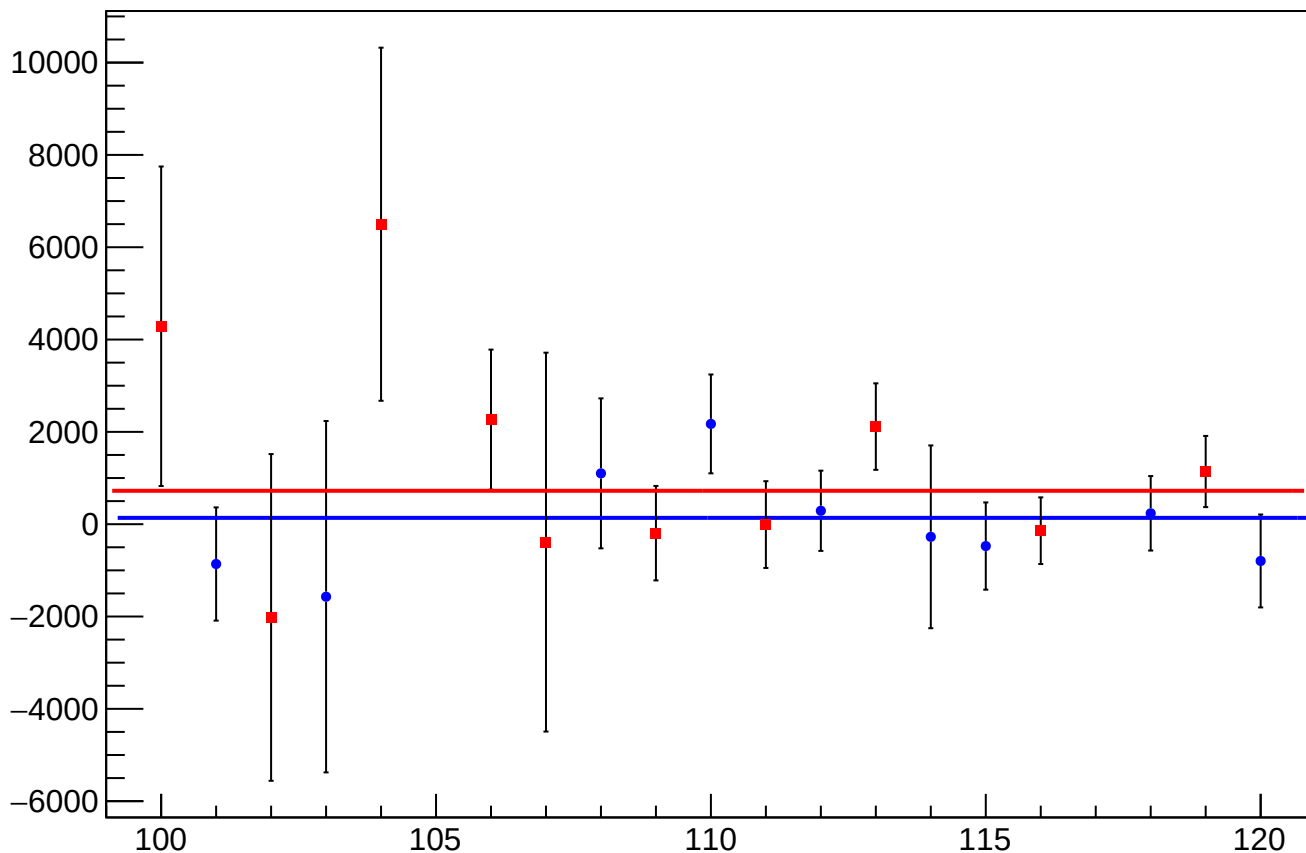
Right: 1440.276+/-0.372 χ^2/NDF : 456352.9/18

In: 1384.231+/-0.516 χ^2/NDF : 170103.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1440.276+/-0.372 χ^2/NDF : 456352.9/18

asym_usl_atl1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 137.274+/-372.465 χ^2/NDF : 6.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 723.550+/-363.848 χ^2/NDF : 10.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

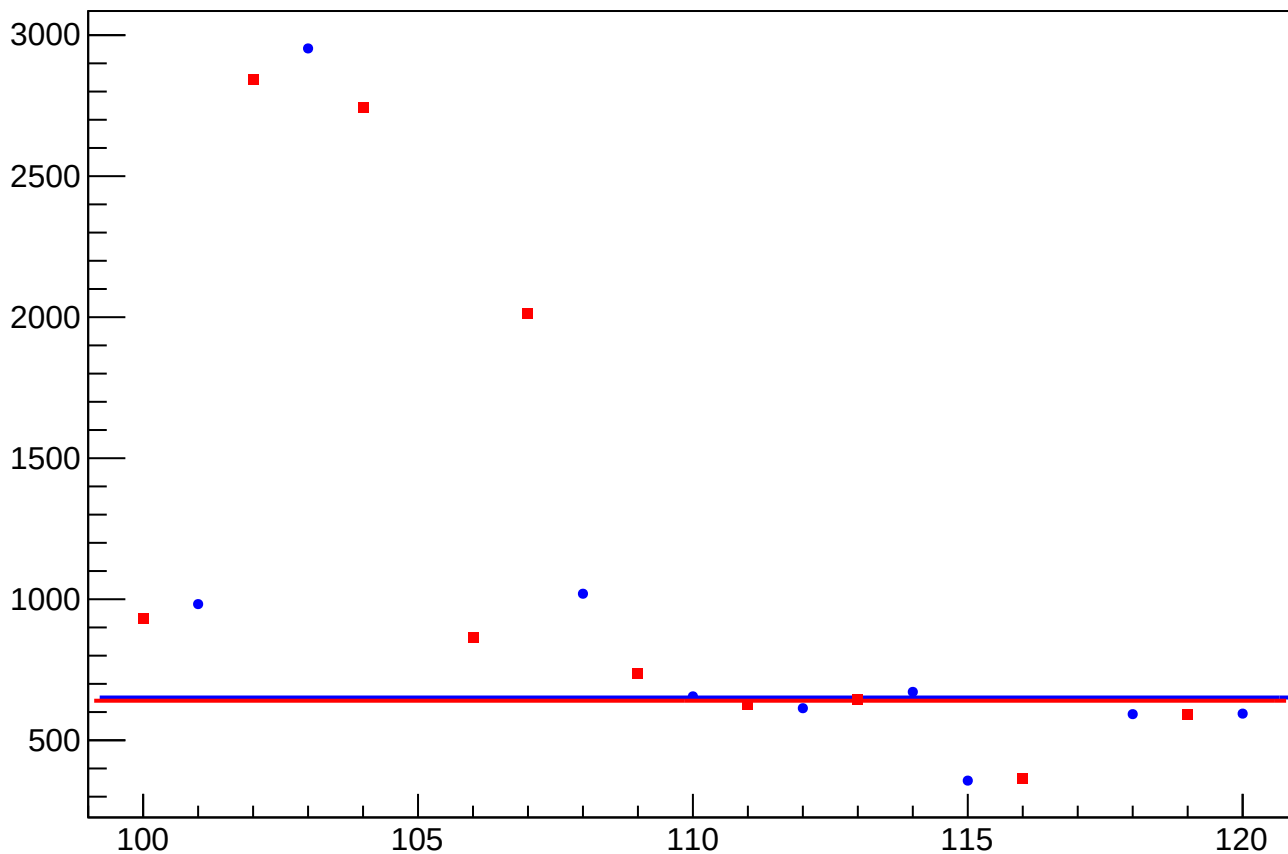
Right: 437.272+/-260.273 χ^2/NDF : 17.9/18

In: 137.274+/-372.465 χ^2/NDF :6.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 437.272+/-260.273 χ^2/NDF : 17.9/18

asym_usl_atl1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 651.597+/-0.263 χ^2/NDF : 1195398.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 640.225+/-0.257 χ^2/NDF : 1976421.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

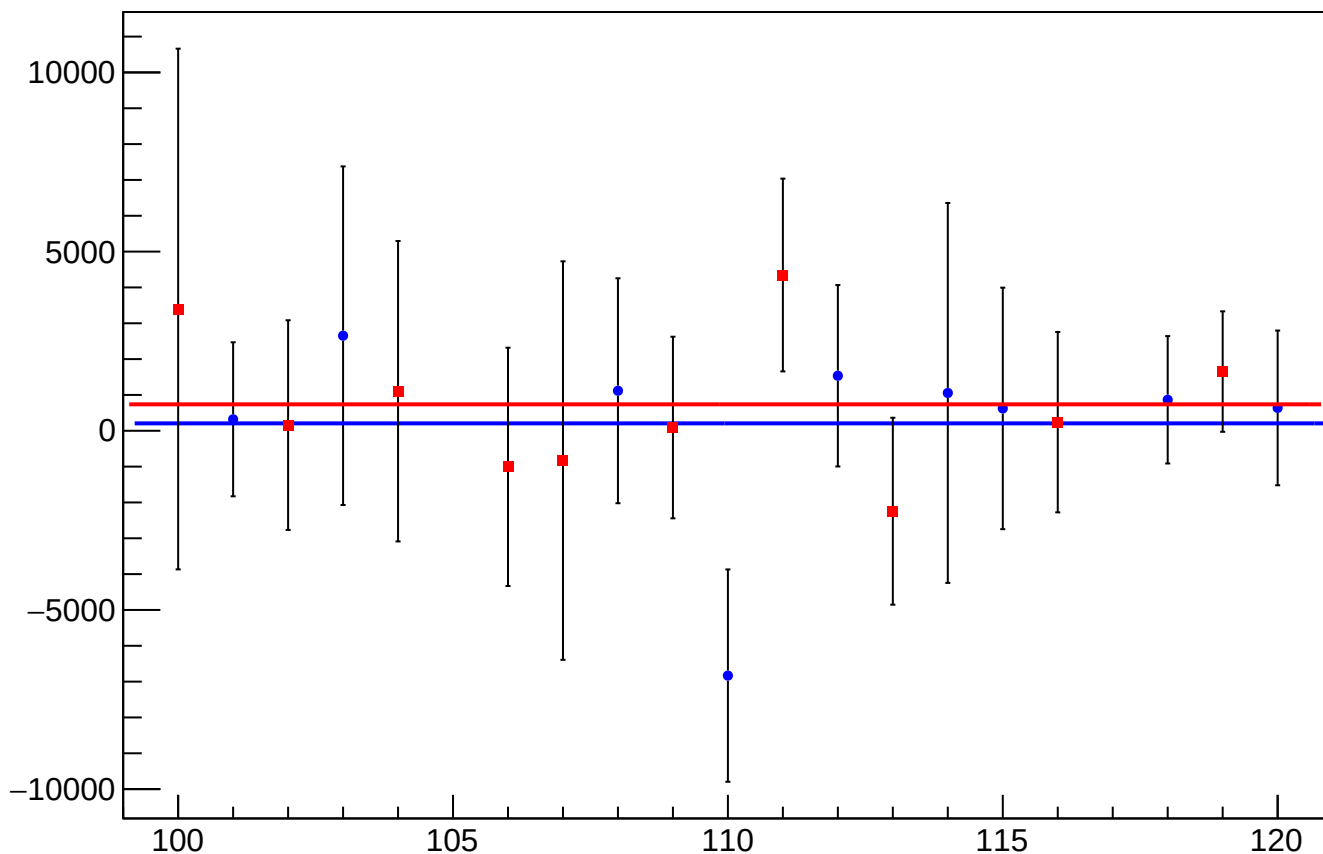
Right: 645.778+/-0.184 χ^2/NDF : 3172774.5/18

In: 651.597+/-0.263 χ^2/NDF : 1195398.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 645.778+/-0.184 χ^2/NDF : 3172774.5/18

asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 206.785+/-881.232 χ^2/NDF : 6.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 737.806+/-887.922 χ^2/NDF : 4.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

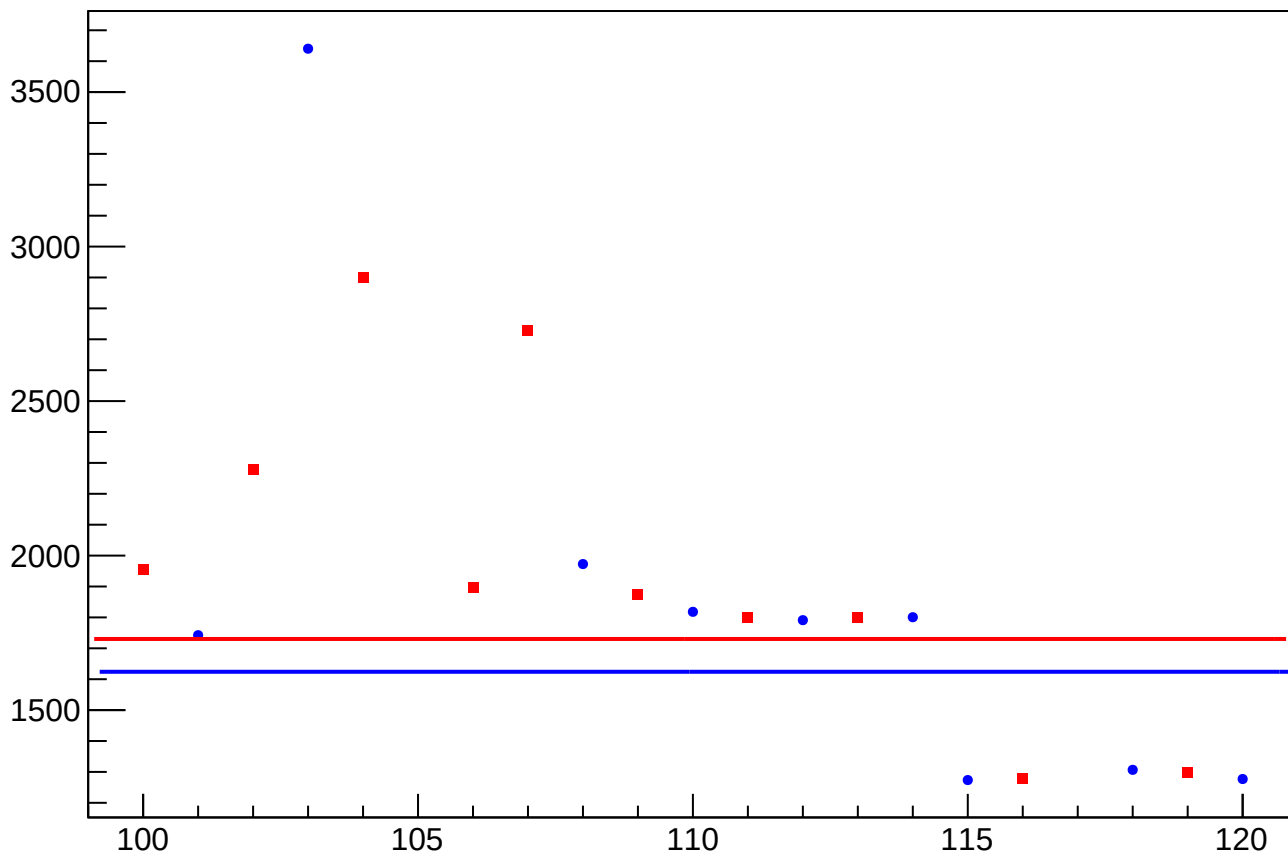
Right: 470.288+/-625.477 χ^2/NDF : 10.7/18

In: 206.785+/-881.232 χ^2/NDF : 6.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 470.288+/-625.477 χ^2/NDF : 10.7/18

asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1624.037+/-0.623 χ^2/NDF : 551555.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1730.233+/-0.628 χ^2/NDF : 503015.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

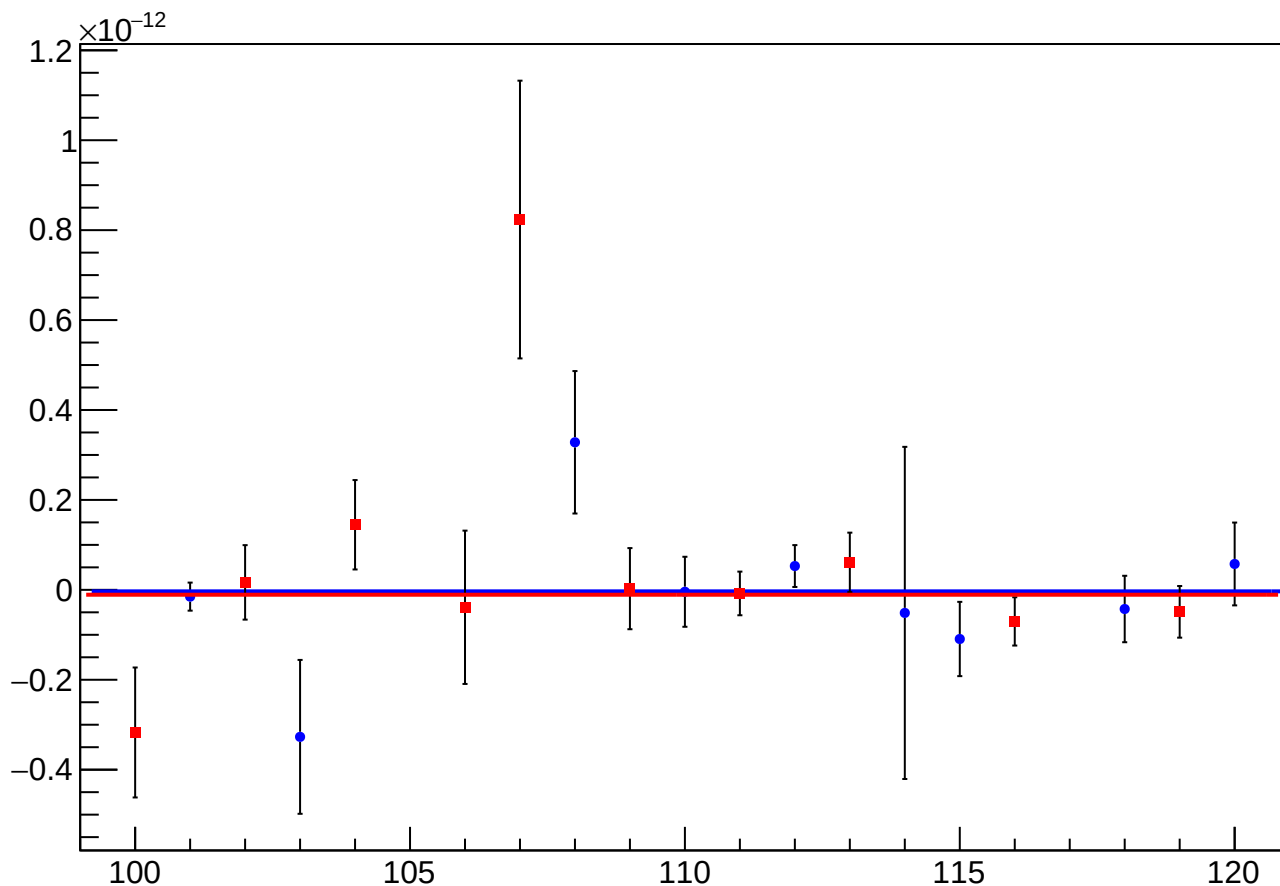
Right: 1676.733+/-0.442 χ^2/NDF : 1068983.2/18

In: 1624.037+/-0.623 χ^2/NDF : 551555.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1676.733+/-0.442 χ^2/NDF : 1068983.2/18

asym_usl_atl1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

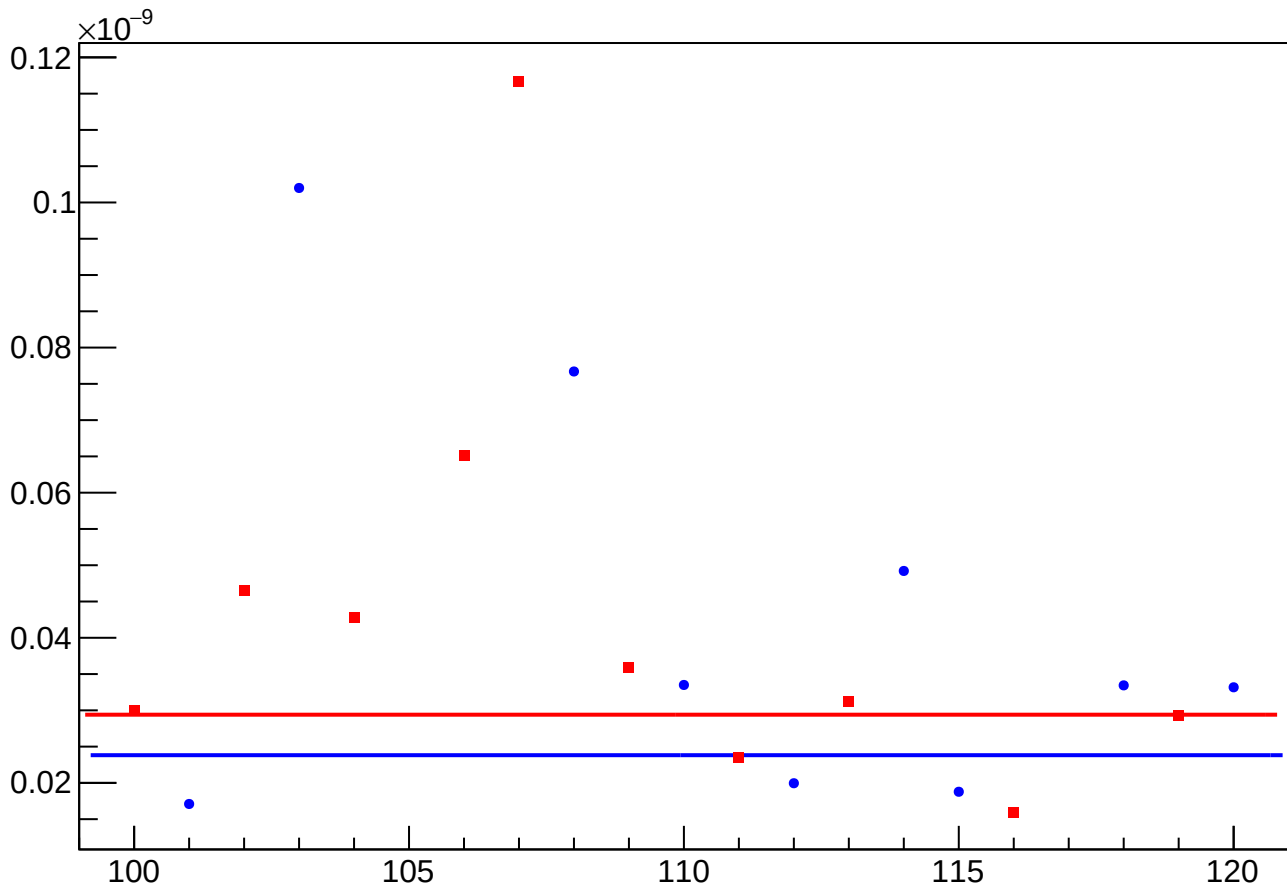
Right: -0.000+/-0.000 χ^2/NDF : 29.2/18

In: -0.000+/-0.000 χ^2/NDF : 11.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.2/18

asym_usl_atl1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 849459.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 536987.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

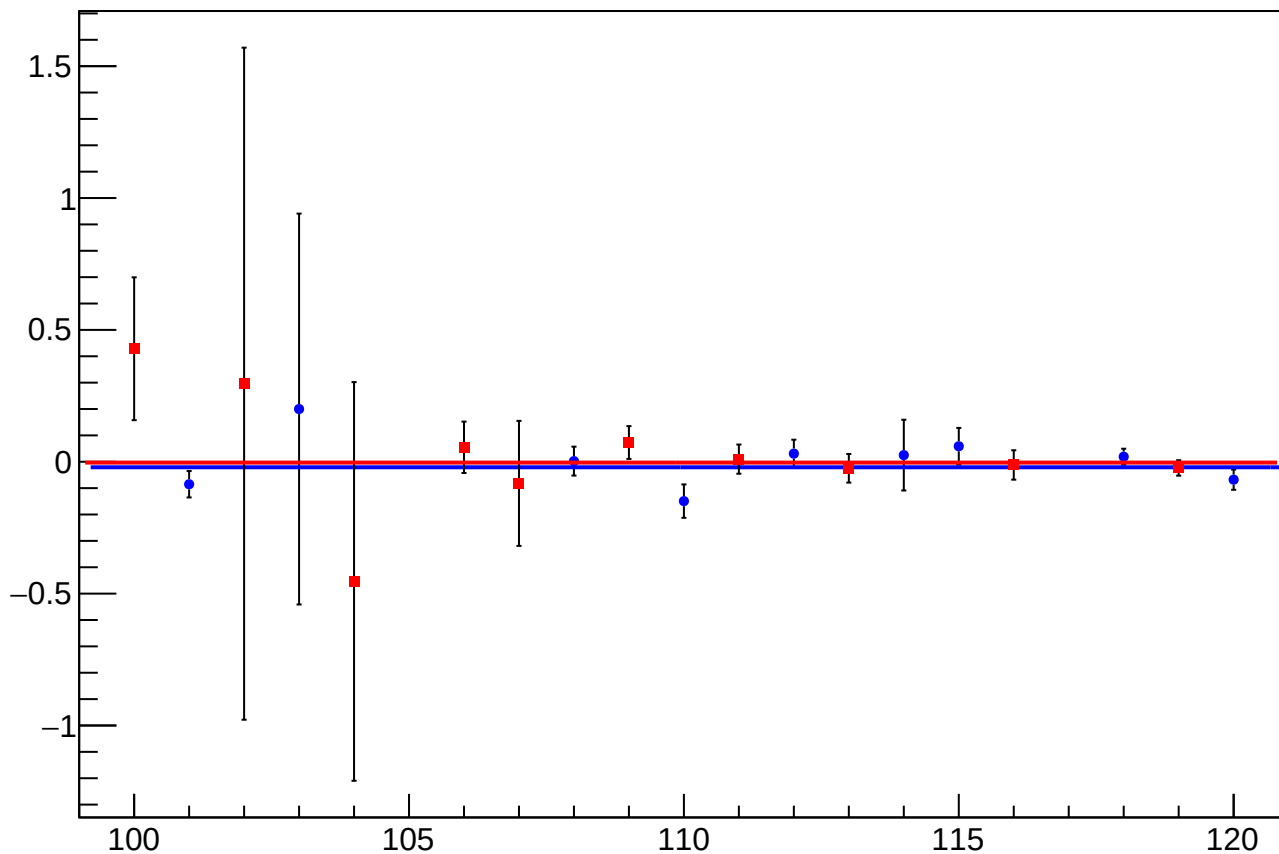
Right: 0.000+/-0.000 χ^2/NDF : 1447251.2/18

In: 0.000+/-0.000 χ^2/NDF :849459.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1447251.2/18

asym_usl_atl1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 ± 0.017 χ^2/NDF : 11.7/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.003 ± 0.020 χ^2/NDF : 5.6/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

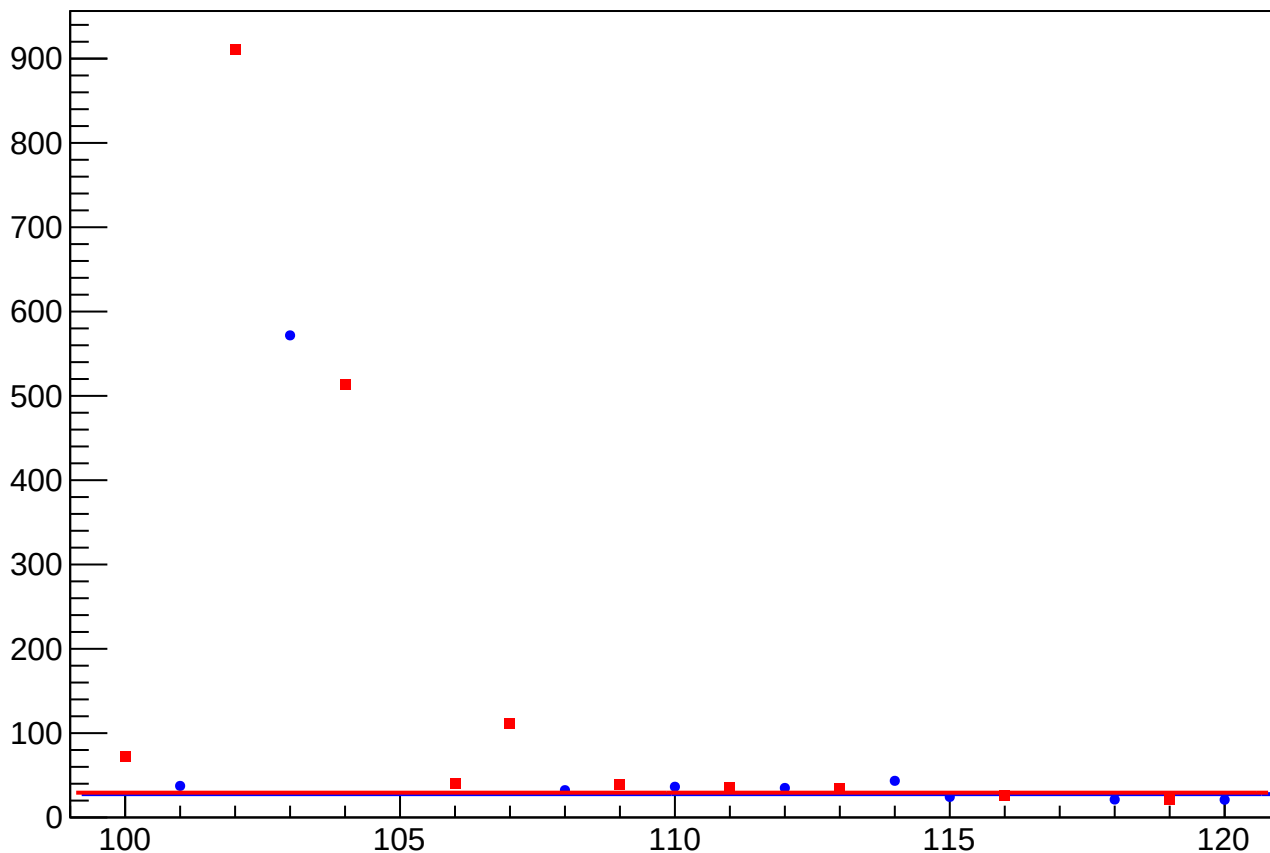
Right: -0.013 ± 0.013 χ^2/NDF : 17.8/18

In: -0.021 ± 0.017 χ^2/NDF : 11.7/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.013 ± 0.013 χ^2/NDF : 17.8/18

asym_usl_atl1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.653+/-0.012 χ^2/NDF : 1427265.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.385+/-0.014 χ^2/NDF : 2357437.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

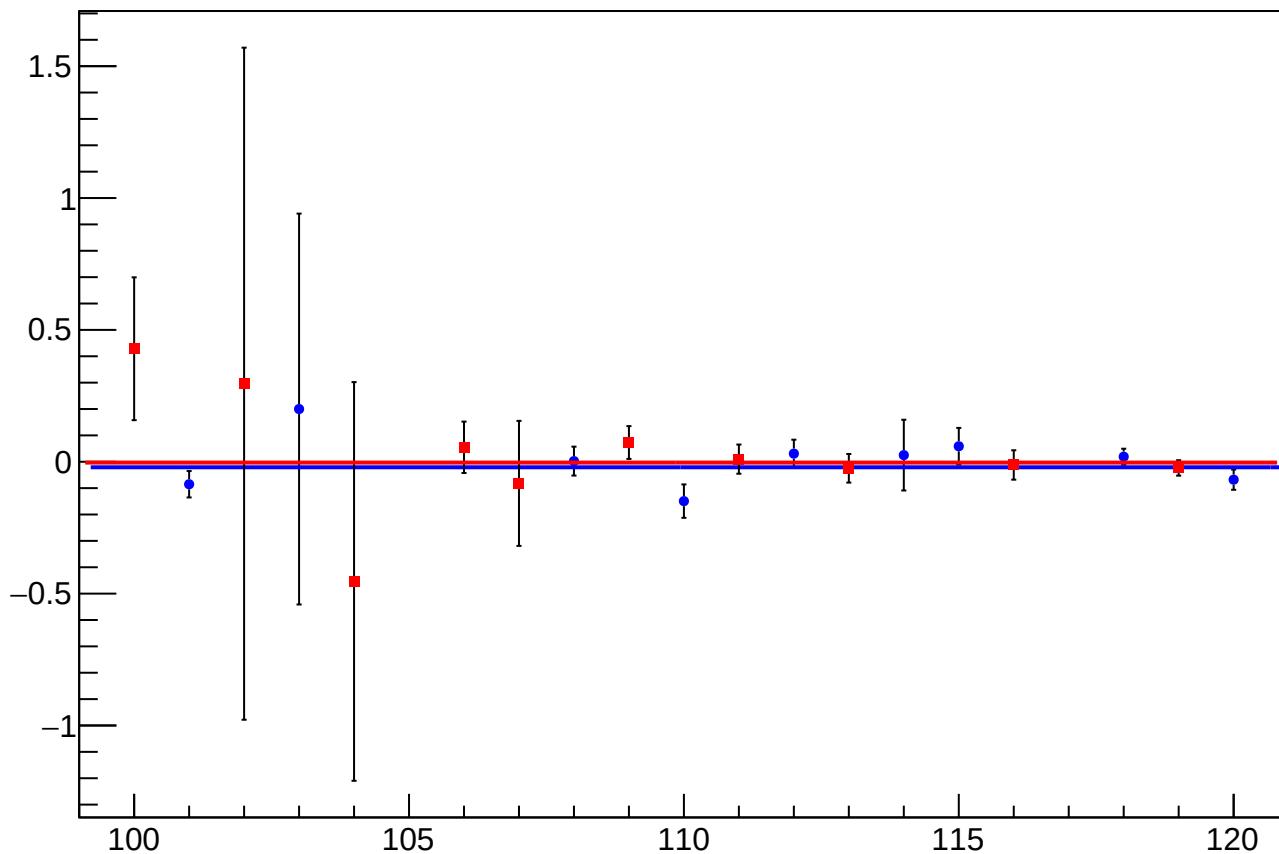
Right: 28.400+/-0.009 χ^2/NDF : 3793430.5/18

In: 27.653+/-0.012 χ^2/NDF : 1427265.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.400+/-0.009 χ^2/NDF : 3793430.5/18

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.017 χ^2/NDF : 11.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.003+/-0.020 χ^2/NDF : 5.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

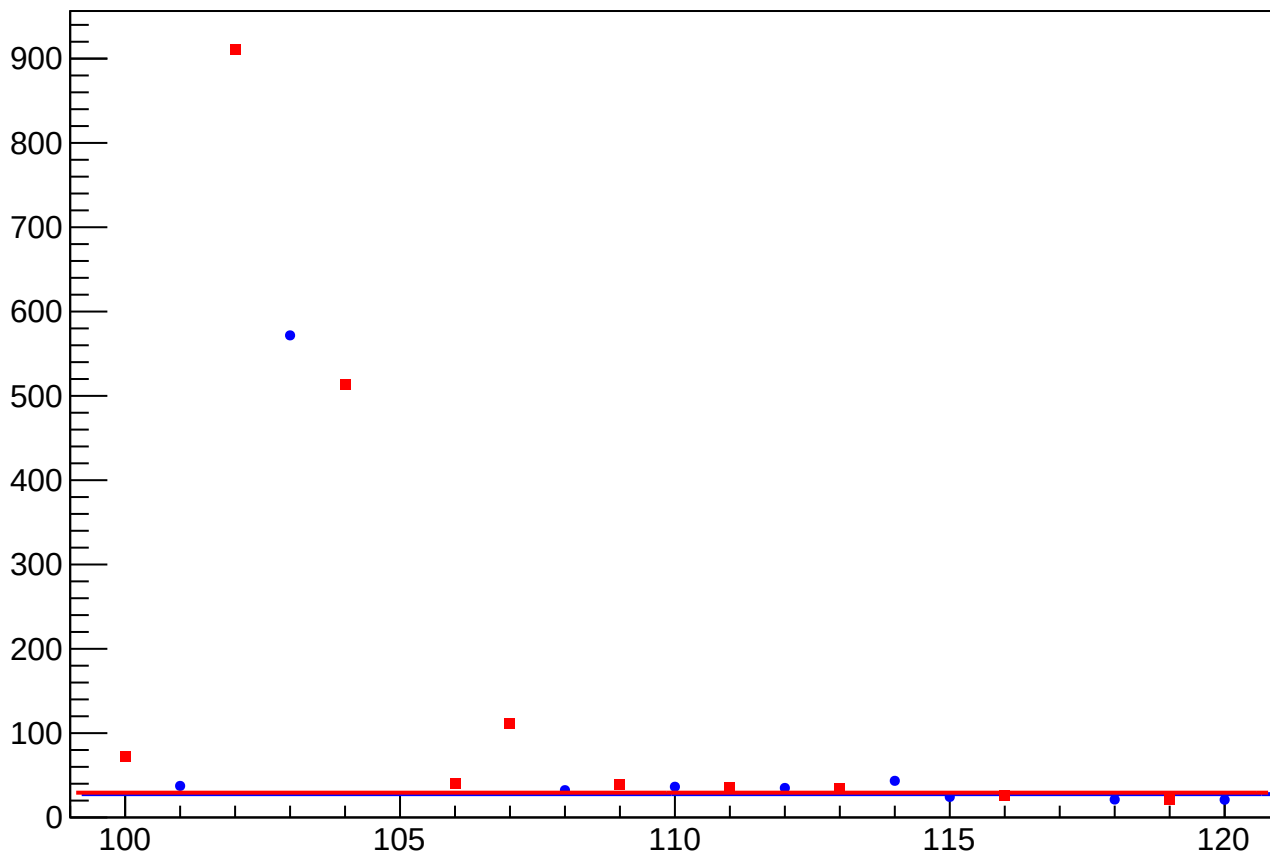
Right: -0.013+/-0.013 χ^2/NDF : 17.8/18

In: -0.021+/-0.017 χ^2/NDF :11.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.013+/-0.013 χ^2/NDF : 17.8/18

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.653+/-0.012 χ^2/NDF : 1427265.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.385+/-0.014 χ^2/NDF : 2357437.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

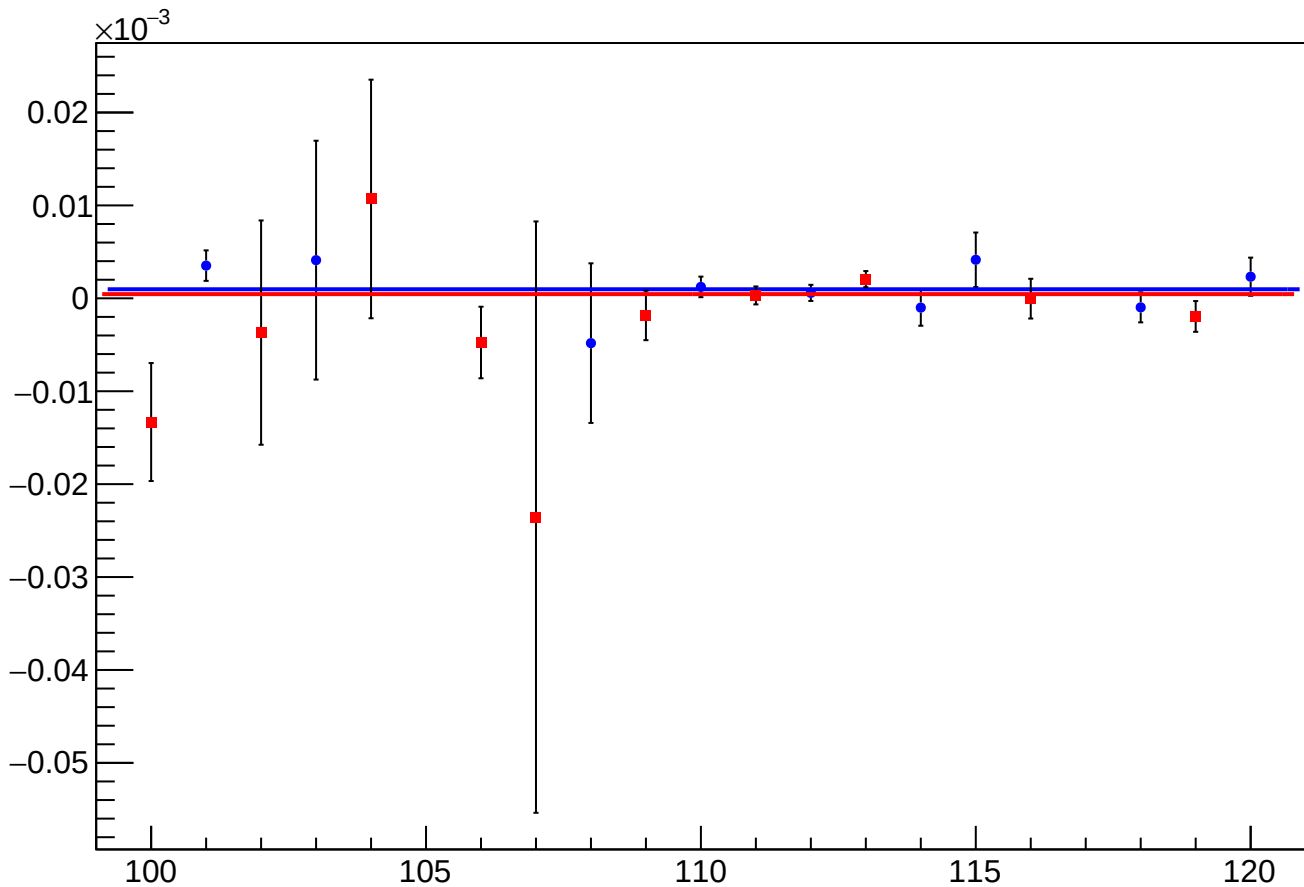
Right: 28.400+/-0.009 χ^2/NDF : 3793430.5/18

In: 27.653+/-0.012 χ^2/NDF : 1427265.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.400+/-0.009 χ^2/NDF : 3793430.5/18

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

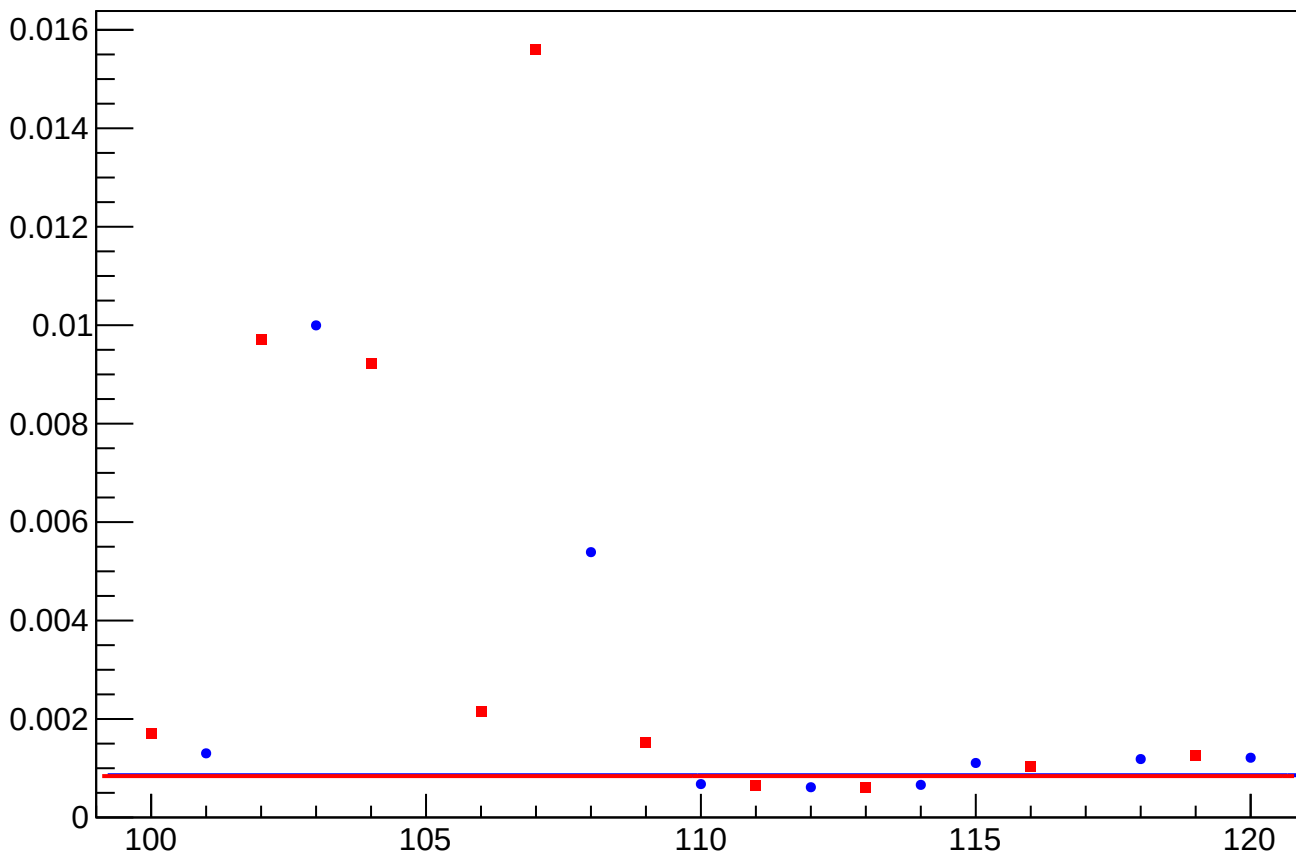
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 22.0/18

In: 0.000 $\pm$ 0.000 χ^2 /NDF:7.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 22.0/18

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2102580.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3146494.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

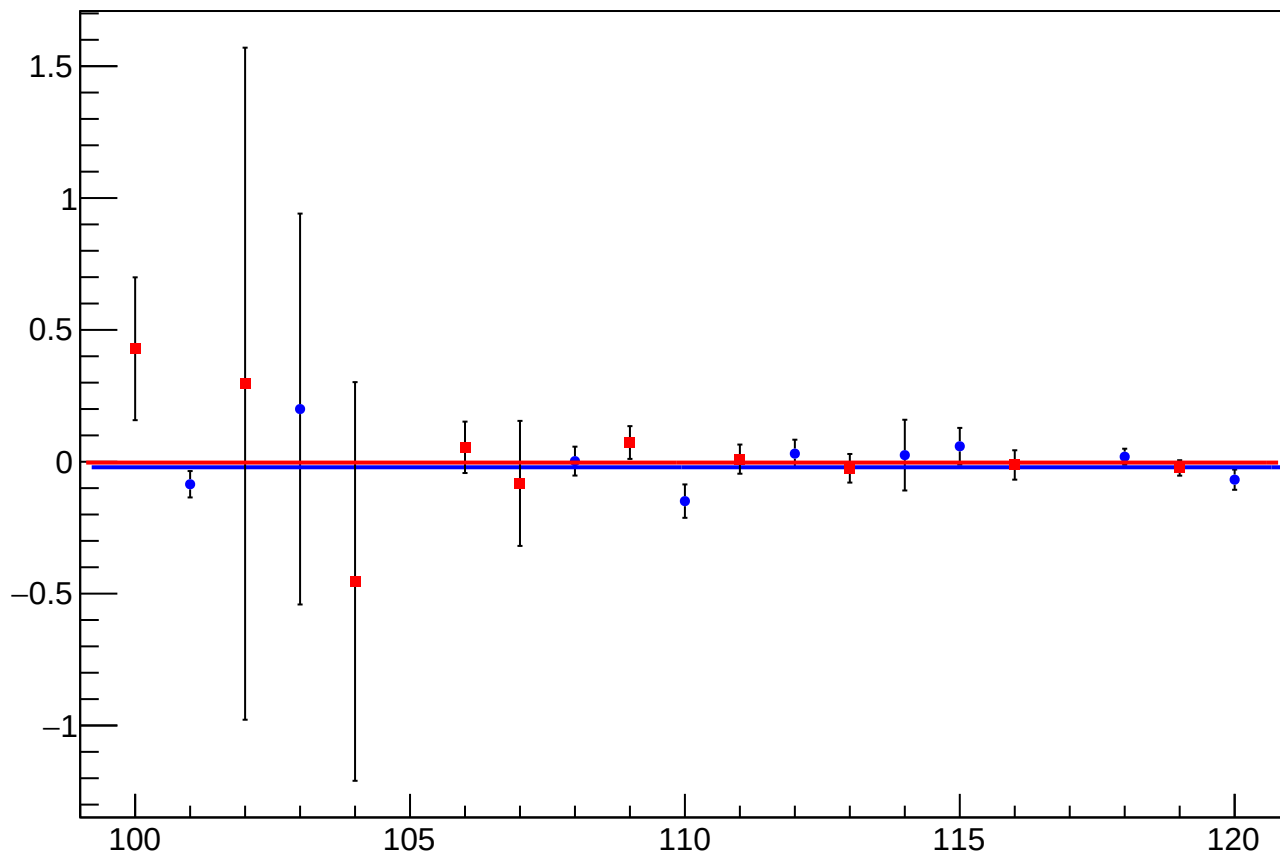
Right: 0.001+/-0.000 χ^2/NDF : 5250132.9/18

In: 0.001+/-0.000 χ^2/NDF : 2102580.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5250132.9/18

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.017 χ^2/NDF : 11.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.003+/-0.020 χ^2/NDF : 5.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

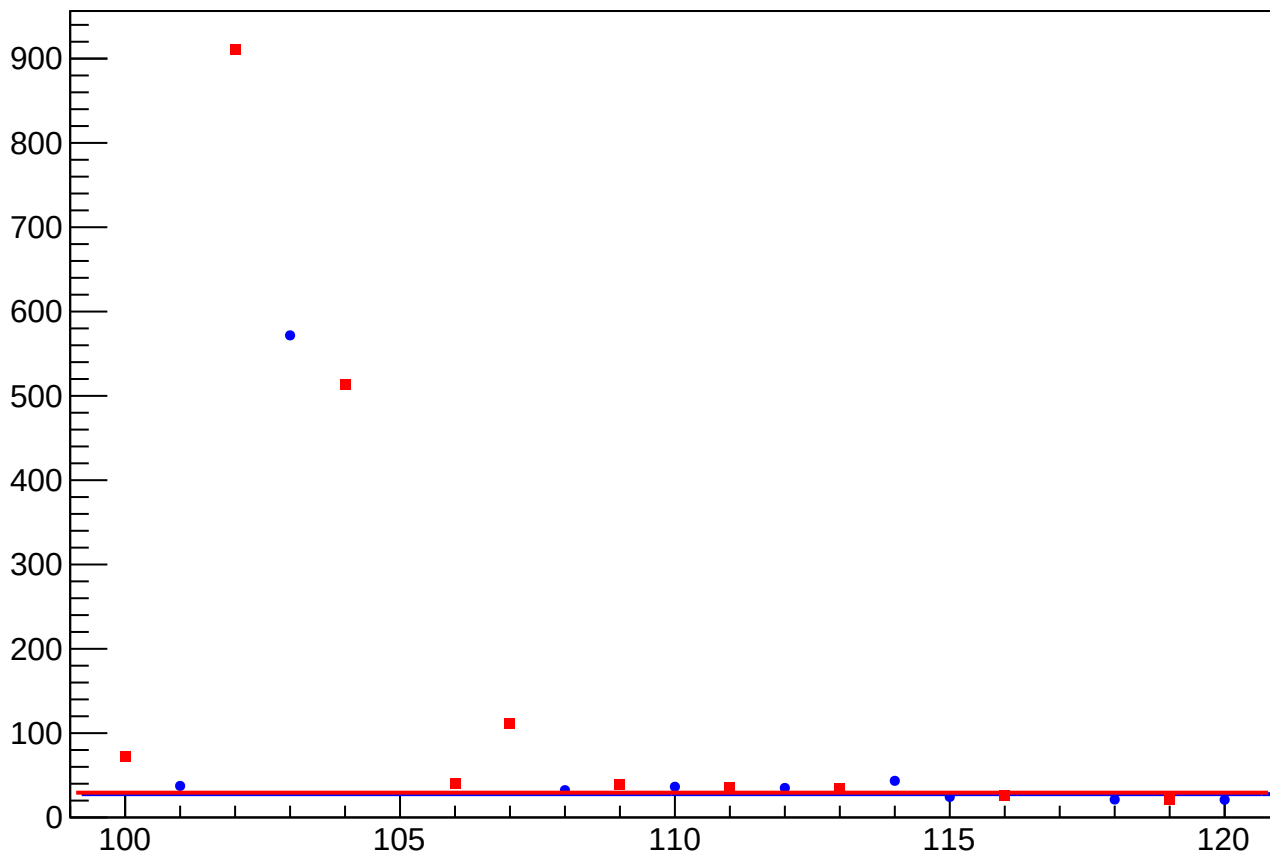
Right: -0.013+/-0.013 χ^2/NDF : 17.8/18

In: -0.021+/-0.017 χ^2/NDF :11.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.013+/-0.013 χ^2/NDF : 17.8/18

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.653+/-0.012 χ^2/NDF : 1427278.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.385+/-0.014 χ^2/NDF : 2357459.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

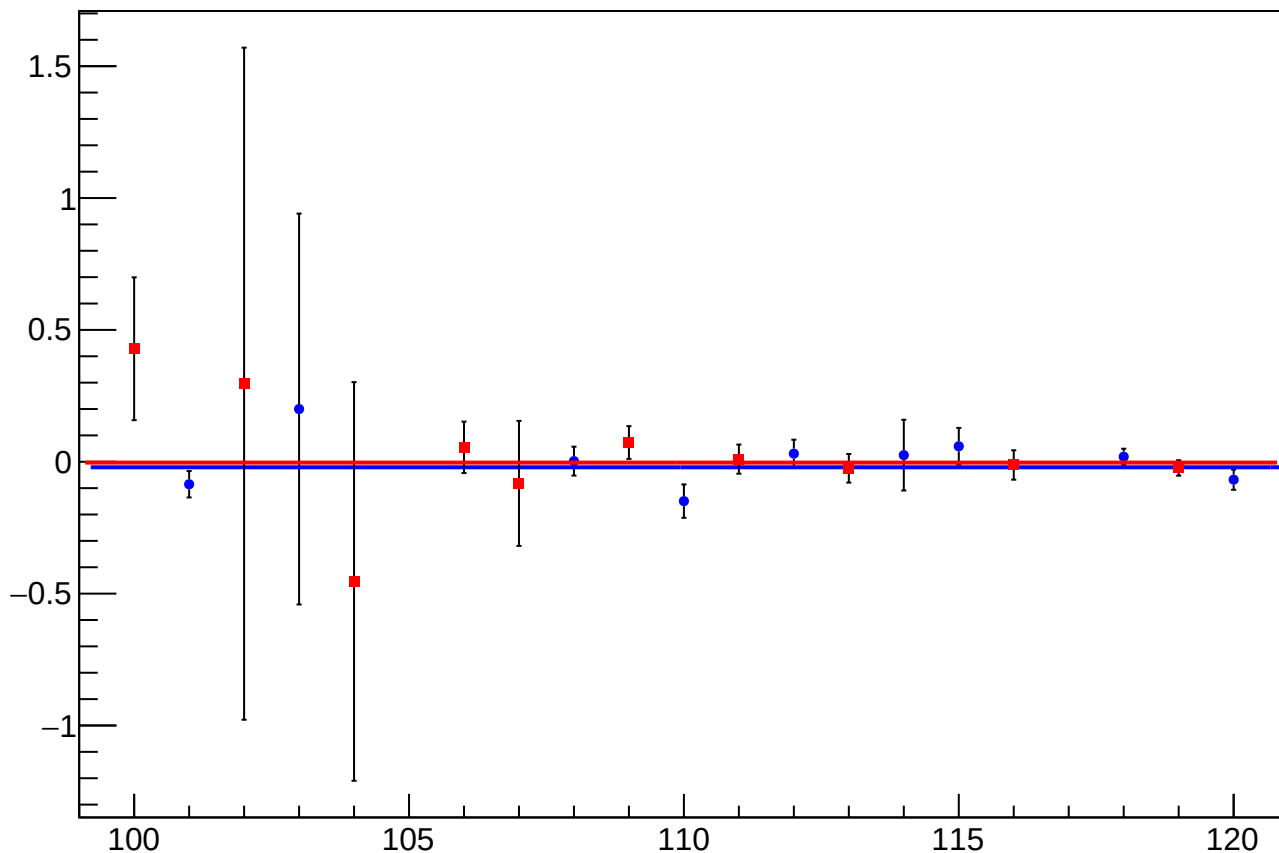
Right: 28.400+/-0.009 χ^2/NDF : 3793466.3/18

In: 27.653+/-0.012 χ^2/NDF : 1427278.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.400+/-0.009 χ^2/NDF : 3793466.3/18

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.017 χ^2/NDF : 11.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.003+/-0.020 χ^2/NDF : 5.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

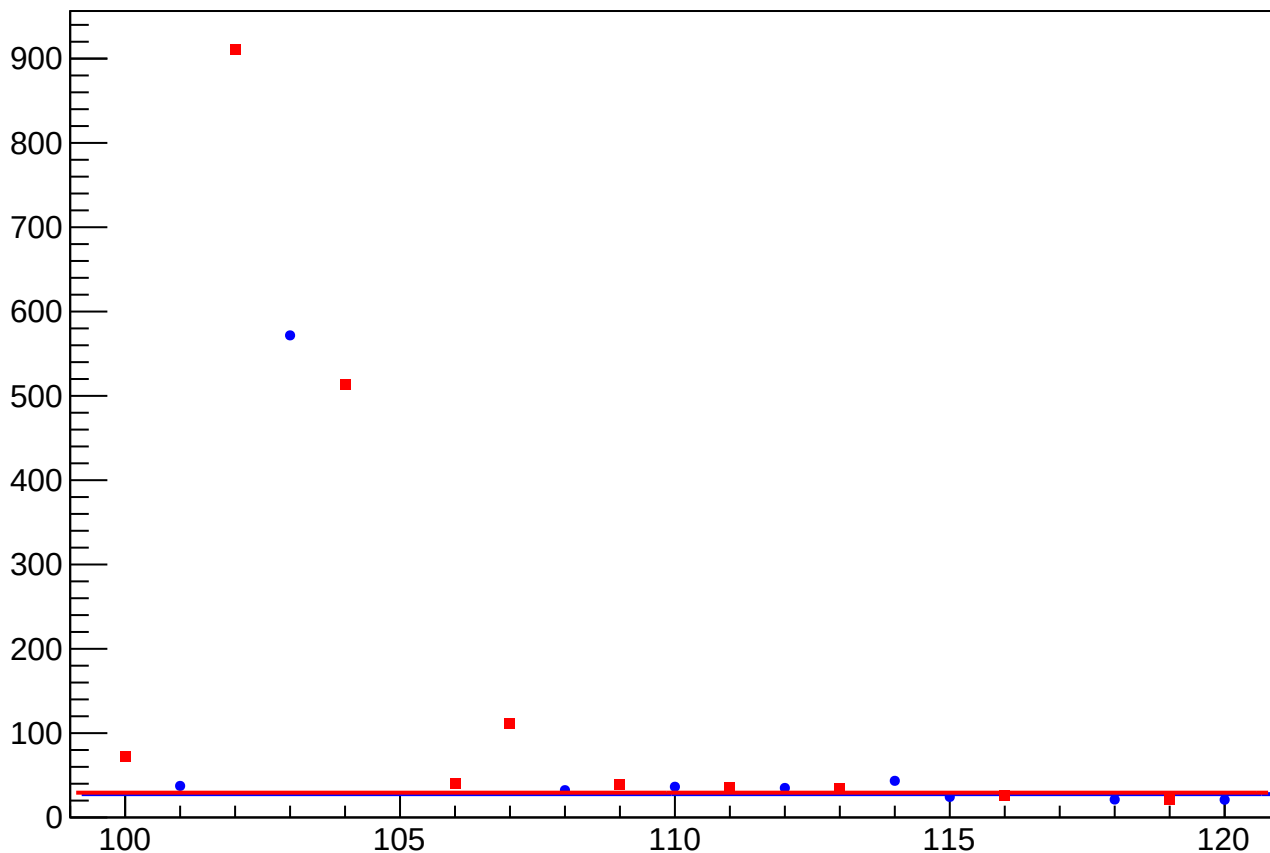
Right: -0.013+/-0.013 χ^2/NDF : 17.8/18

In: -0.021+/-0.017 χ^2/NDF :11.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.013+/-0.013 χ^2/NDF : 17.8/18

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.653+/-0.012 χ^2/NDF : 1427278.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.385+/-0.014 χ^2/NDF : 2357459.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

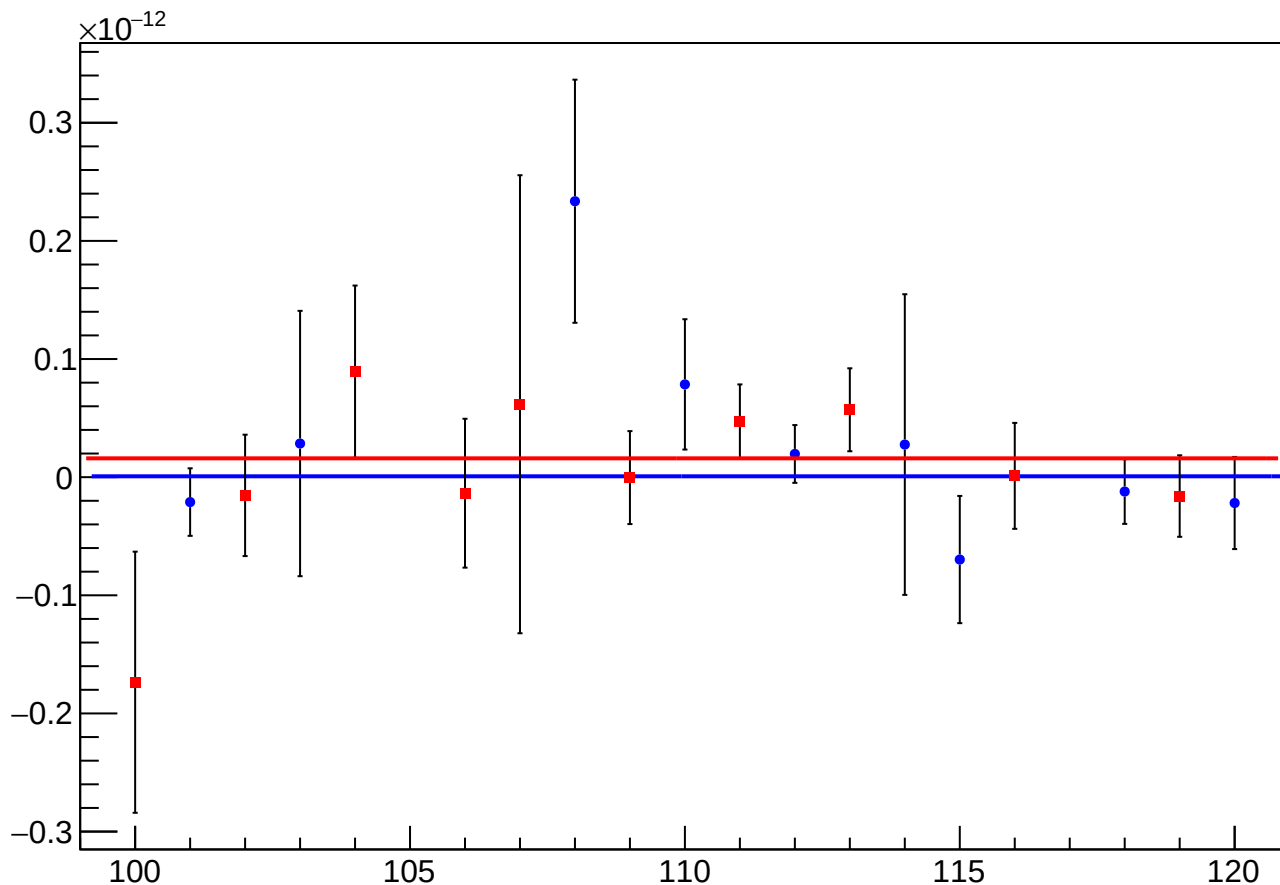
Right: 28.400+/-0.009 χ^2/NDF : 3793466.3/18

In: 27.653+/-0.012 χ^2/NDF : 1427278.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.400+/-0.009 χ^2/NDF : 3793466.3/18

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

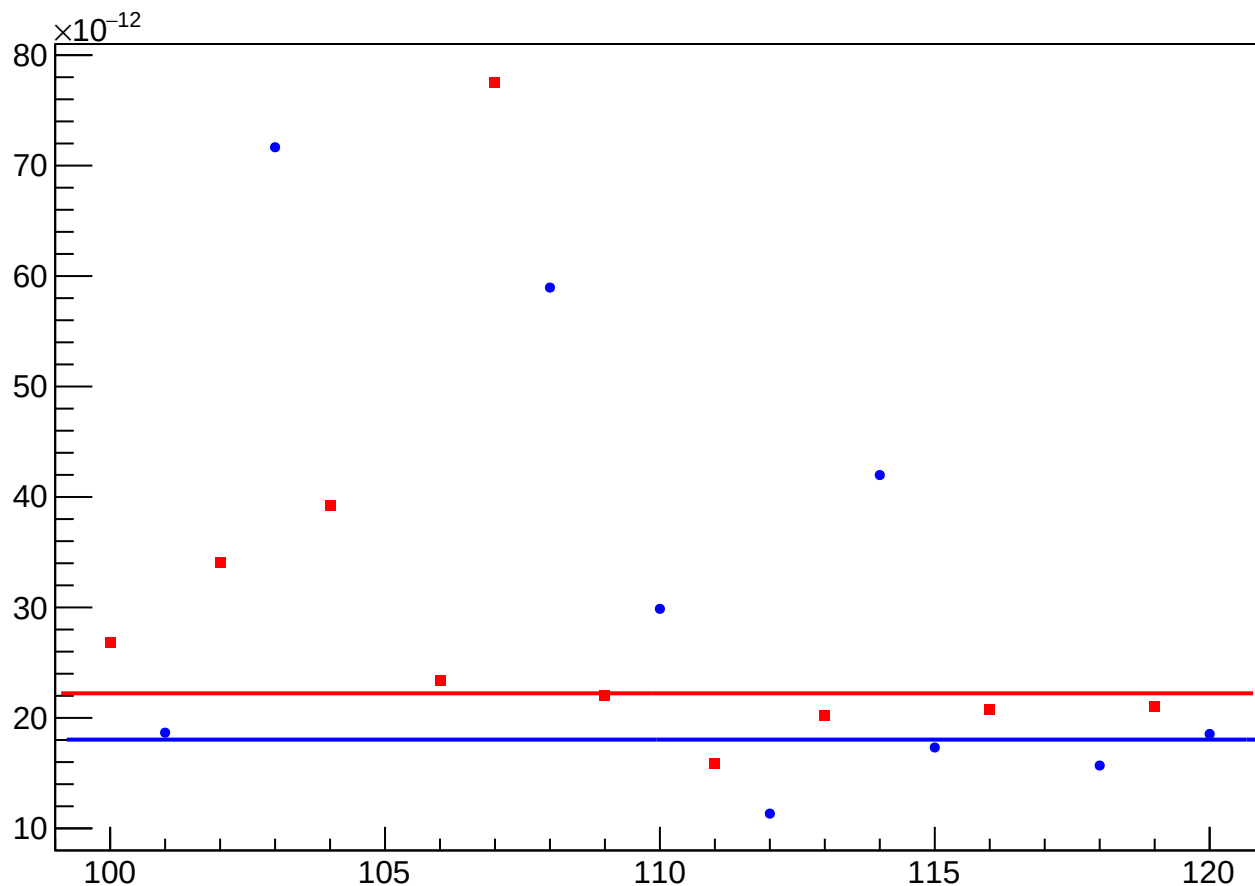
Right: 0.000+/-0.000 χ^2/NDF : 19.3/18

In: 0.000+/-0.000 χ^2/NDF : 10.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.3/18

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1101791.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 474209.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

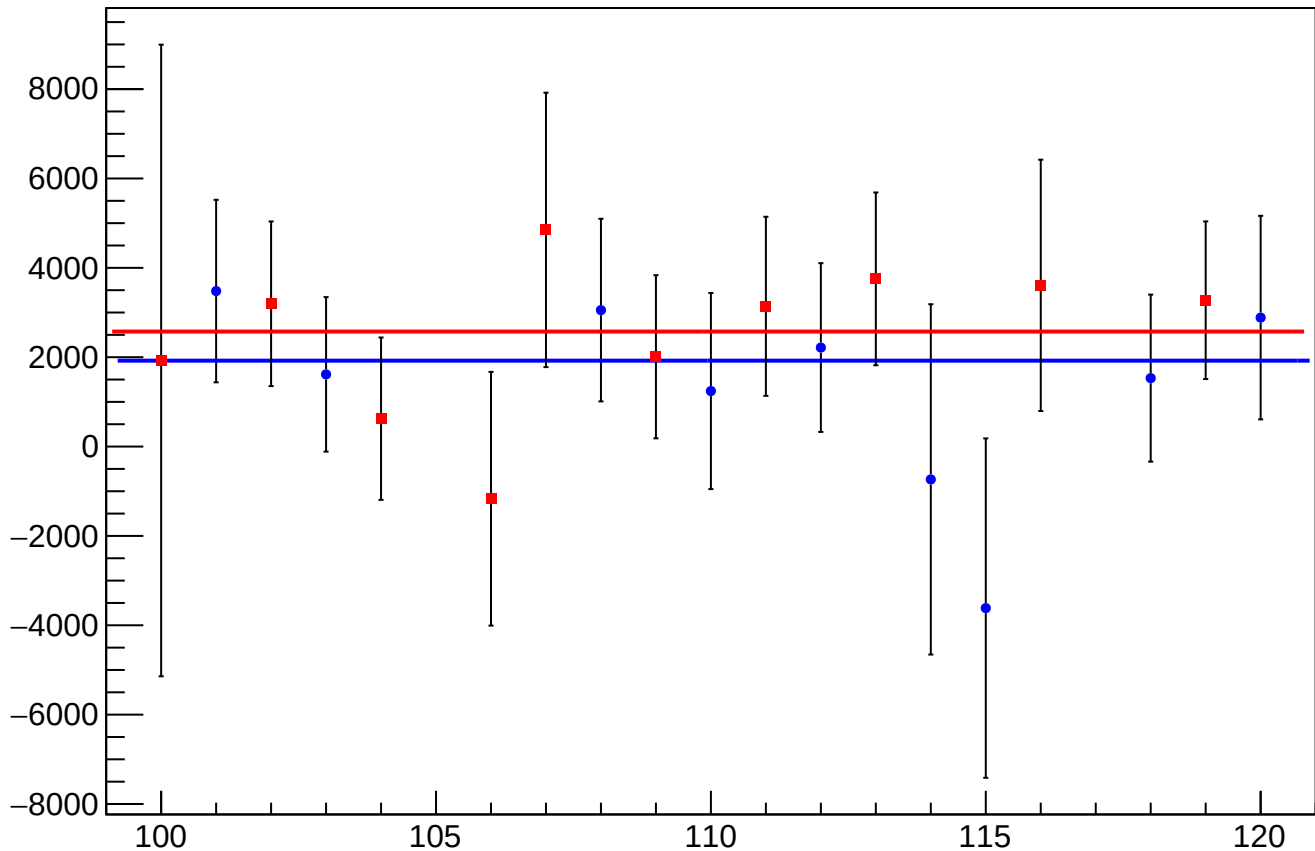
Right: 0.000+/-0.000 χ^2/NDF : 1667461.6/18

In: 0.000+/-0.000 χ^2/NDF : 1101791.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1667461.6/18

reg_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1922.679+/-722.665 χ^2/NDF : 3.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2573.973+/-688.135 χ^2/NDF : 4.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

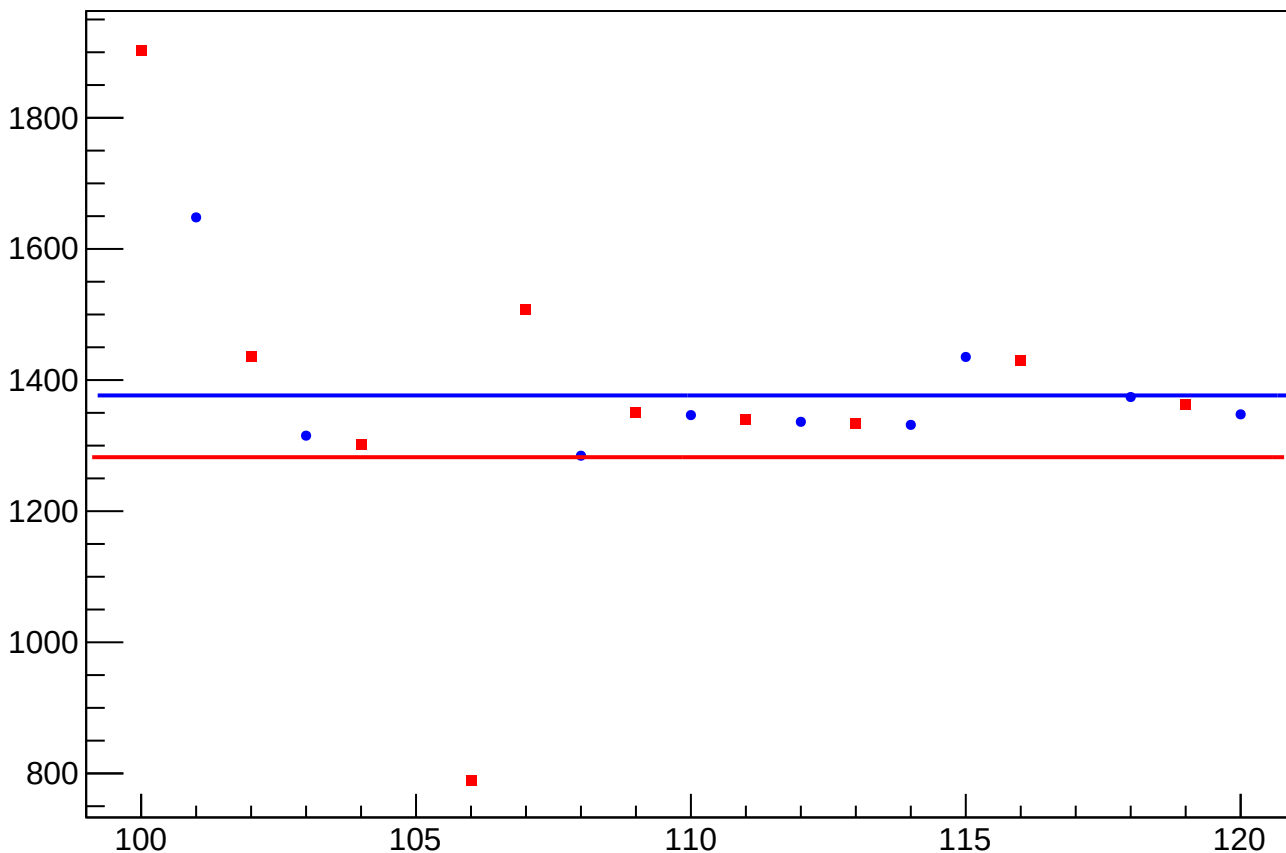
Right: 2264.258+/-498.345 χ^2/NDF : 8.7/18

In: 1922.679+/-722.665 χ^2/NDF : 3.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2264.258+/-498.345 χ^2/NDF : 8.7/18

reg_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1376.547+/-0.511 χ^2/NDF : 44282.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1282.363+/-0.461 χ^2/NDF : 233956.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

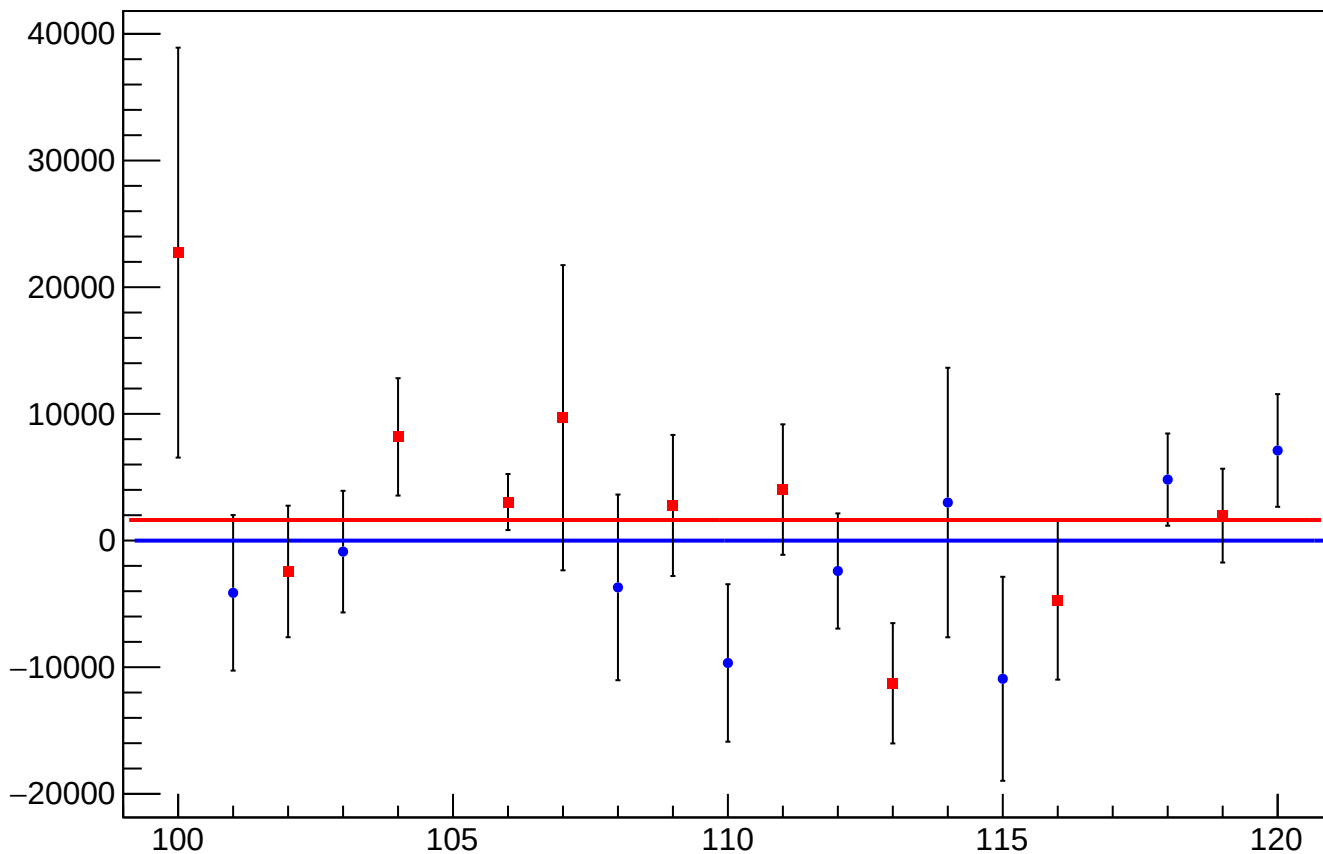
Right: 1324.601+/-0.342 χ^2/NDF : 296974.2/18

In: 1376.547+/-0.511 χ^2/NDF : 44282.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1324.601+/-0.342 χ^2/NDF : 296974.2/18

asym_usl_atl2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -6.145+/-1787.220 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1621.509+/-1398.903 χ^2/NDF : 13.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

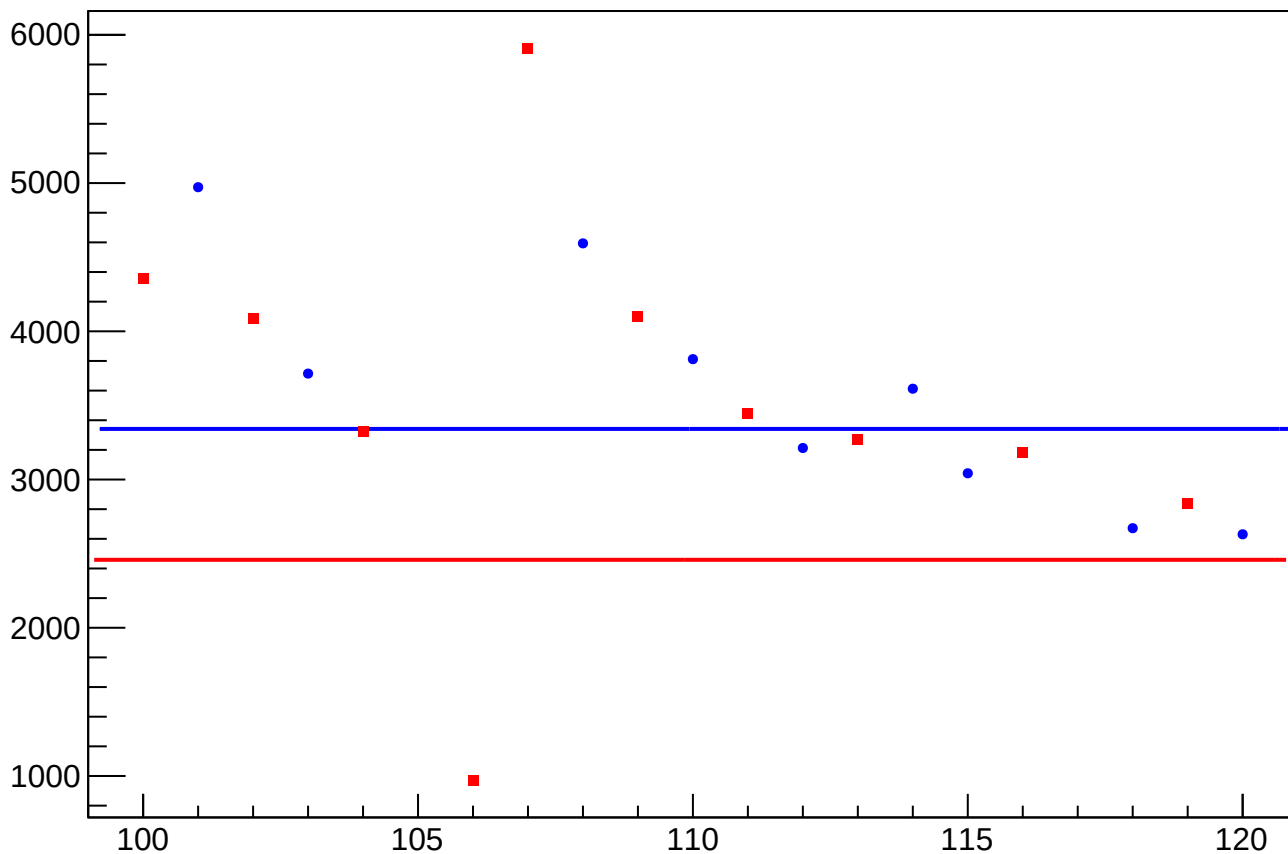
Right: 1003.153+/-1101.580 χ^2/NDF : 24.0/18

In: -6.145+/-1787.220 χ^2/NDF : 9.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1003.153+/-1101.580 χ^2/NDF : 24.0/18

asym_usl_atl2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3341.479+/-1.264 χ^2/NDF : 347476.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2458.429+/-0.989 χ^2/NDF : 1714782.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

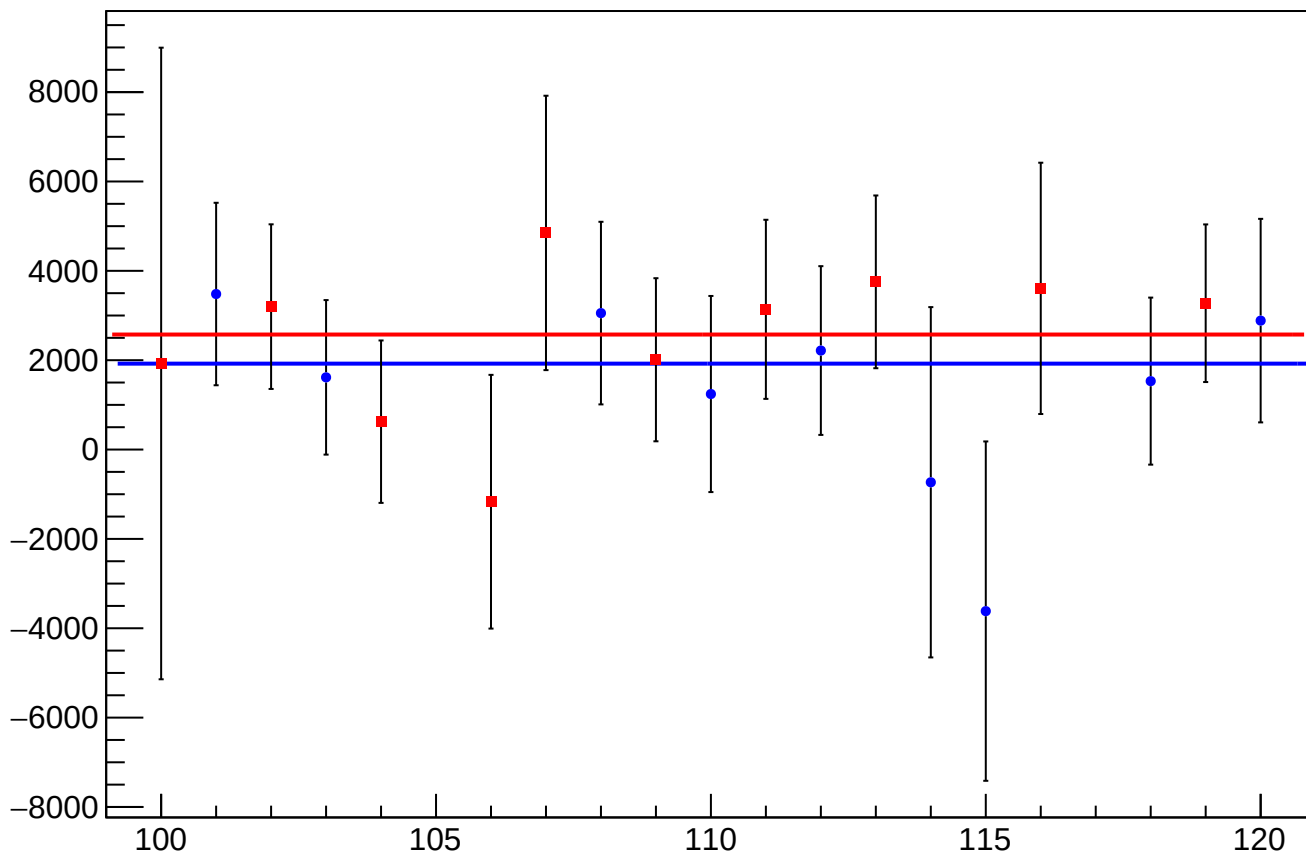
Right: 2793.905+/-0.779 χ^2/NDF : 2365021.4/18

In: 3341.479+/-1.264 χ^2/NDF : 347476.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2793.905+/-0.779 χ^2/NDF : 2365021.4/18

cor_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1922.809+/-722.665 χ^2/NDF : 3.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2574.346+/-688.142 χ^2/NDF : 4.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

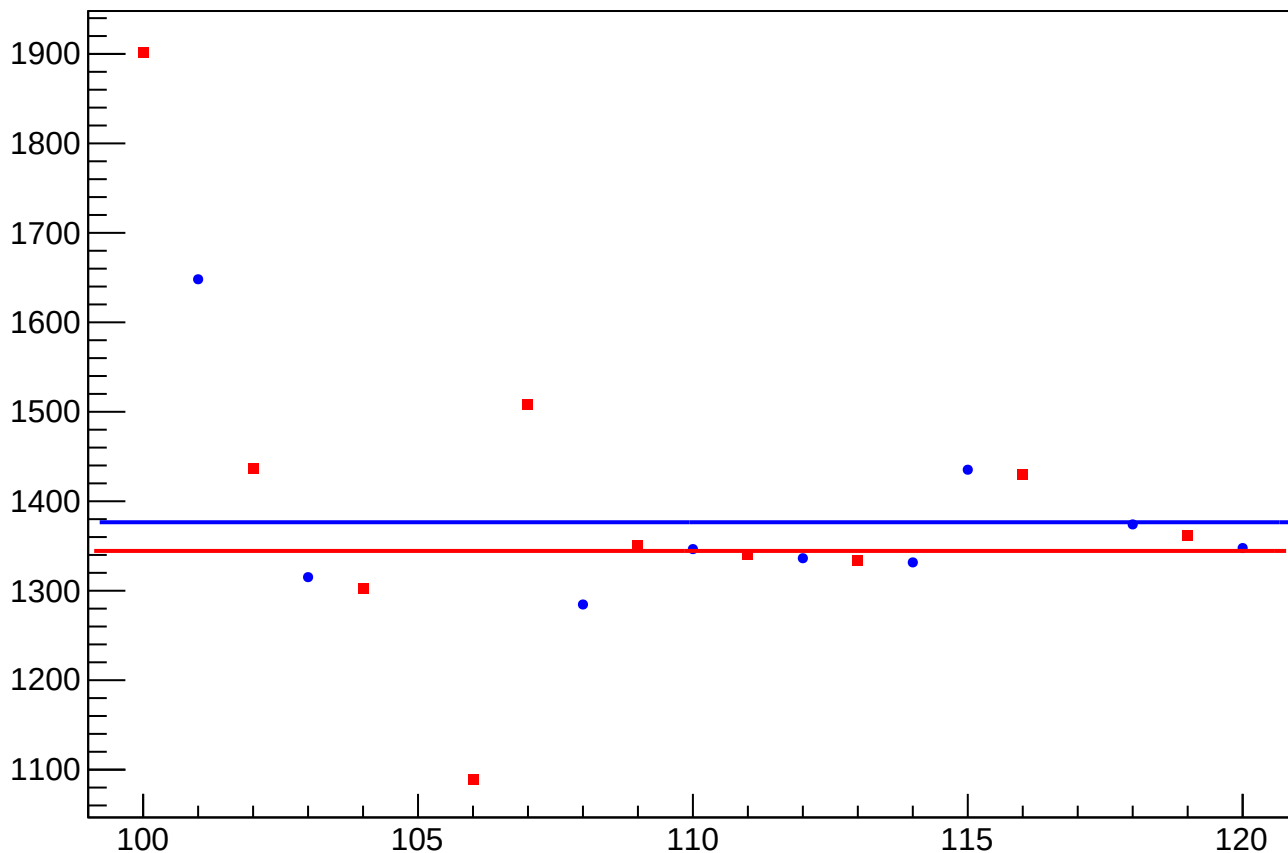
Right: 2264.511+/-498.348 χ^2/NDF : 8.7/18

In: 1922.809+/-722.665 χ^2/NDF : 3.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2264.511+/-498.348 χ^2/NDF : 8.7/18

cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1376.546+/-0.511 χ^2/NDF : 44281.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1344.485+/-0.475 χ^2/NDF : 55618.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

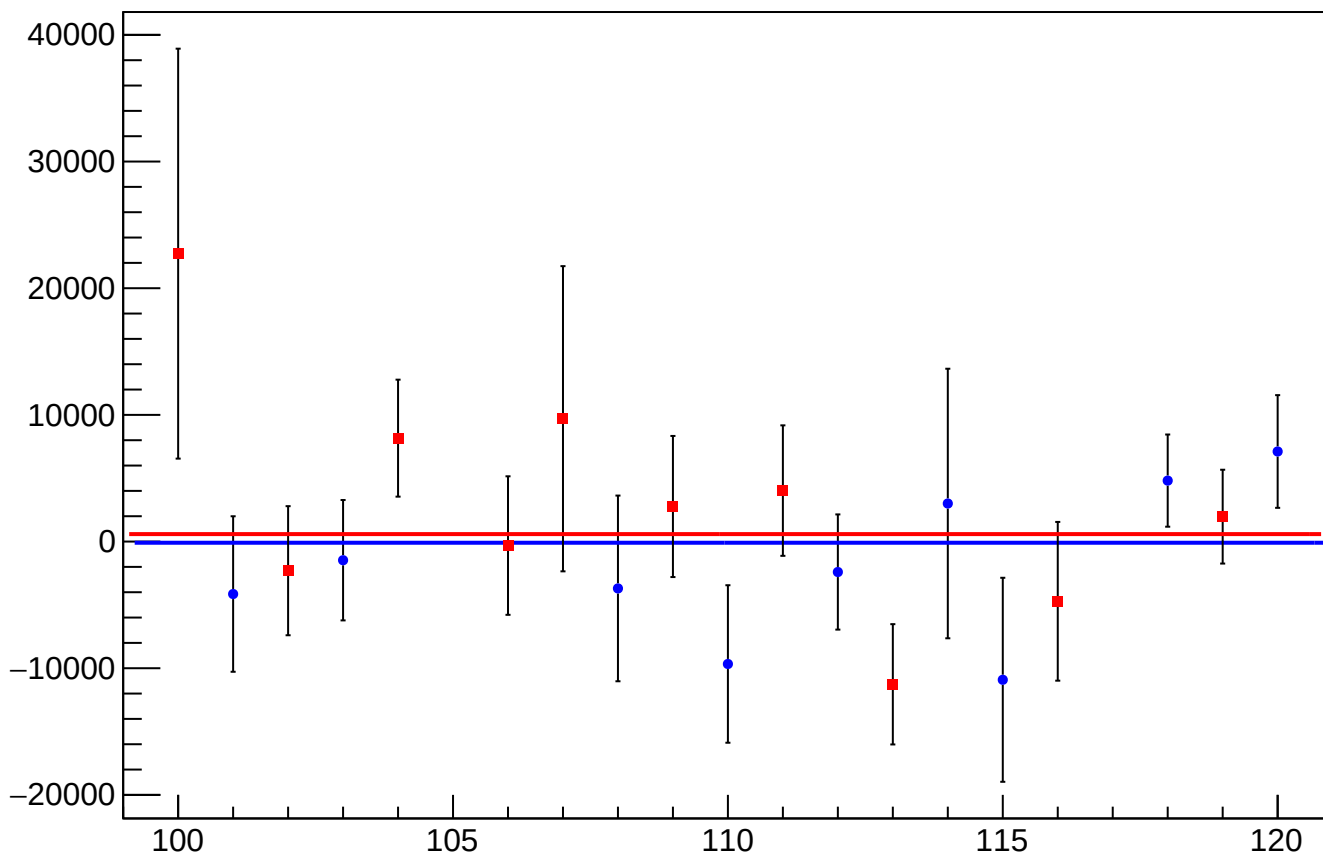
Right: 1359.361+/-0.348 χ^2/NDF : 102010.7/18

In: 1376.546+/-0.511 χ^2/NDF : 44281.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1359.361+/-0.348 χ^2/NDF : 102010.7/18

asym_usl_atl2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -93.716+/-1784.633 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 589.009+/-1709.409 χ^2/NDF : 13.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

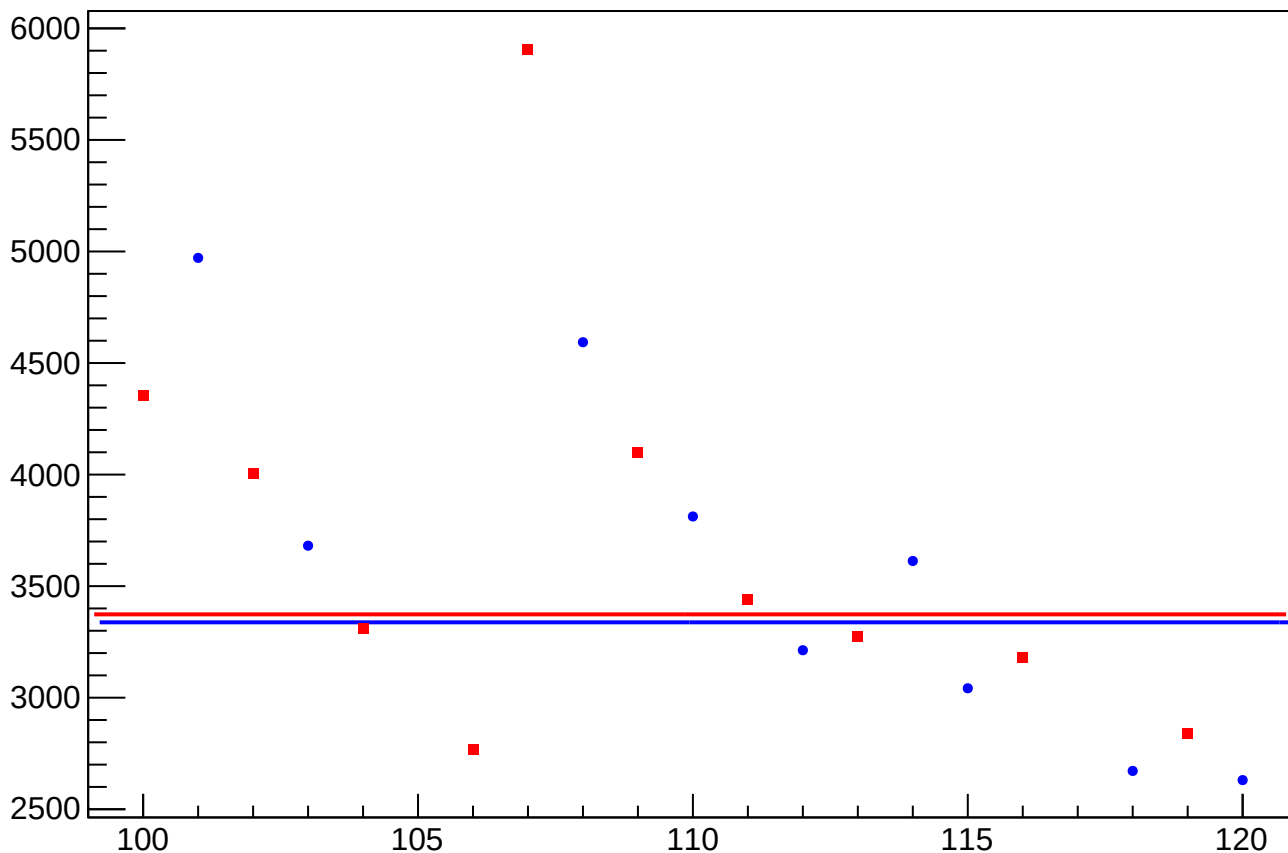
Right: 262.338+/-1234.472 χ^2/NDF : 23.0/18

In: -93.716+/-1784.633 χ^2/NDF :9.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 262.338+/-1234.472 χ^2/NDF : 23.0/18

asym_usl_atl2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3337.777+/-1.262 χ^2/NDF : 345479.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3373.531+/-1.209 χ^2/NDF : 229648.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

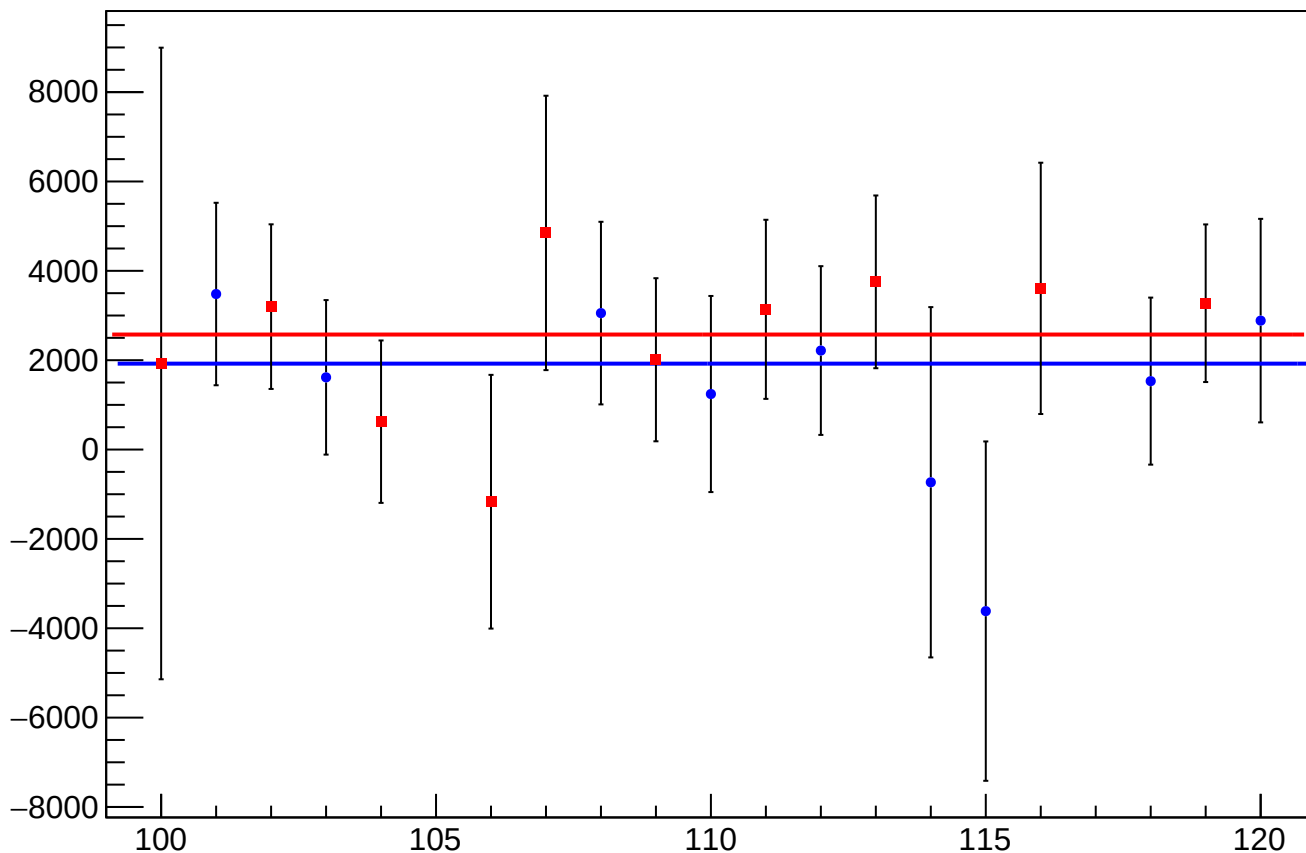
Right: 3356.423+/-0.873 χ^2/NDF : 575545.9/18

In: 3337.777+/-1.262 χ^2/NDF :345479.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3356.423+/-0.873 χ^2/NDF : 575545.9/18

eigen_cor_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1922.809+/-722.665 χ^2/NDF : 3.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2574.346+/-688.142 χ^2/NDF : 4.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

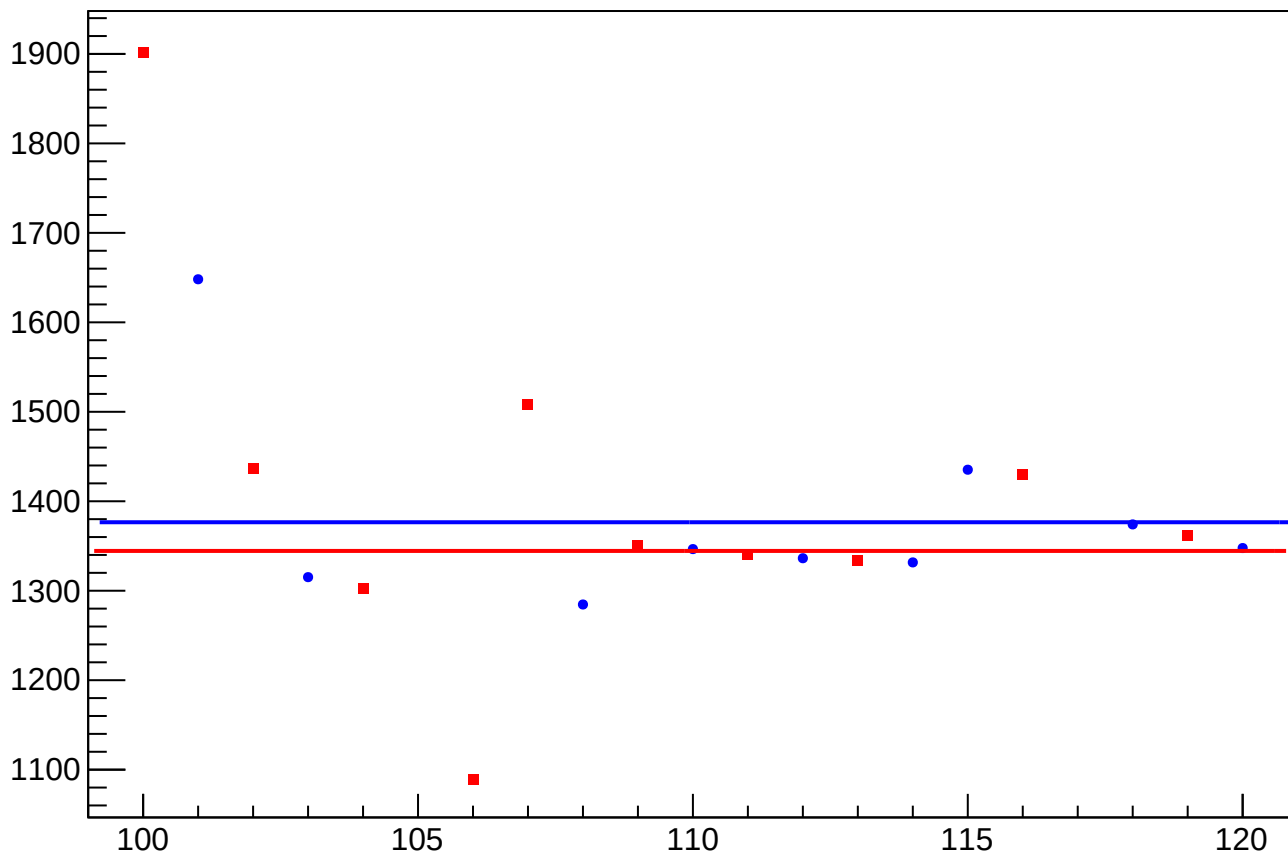
Right: 2264.511+/-498.348 χ^2/NDF : 8.7/18

In: 1922.809+/-722.665 χ^2/NDF : 3.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2264.511+/-498.348 χ^2/NDF : 8.7/18

eigen_cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1376.546+/-0.511 χ^2/NDF : 44281.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1344.485+/-0.475 χ^2/NDF : 55618.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

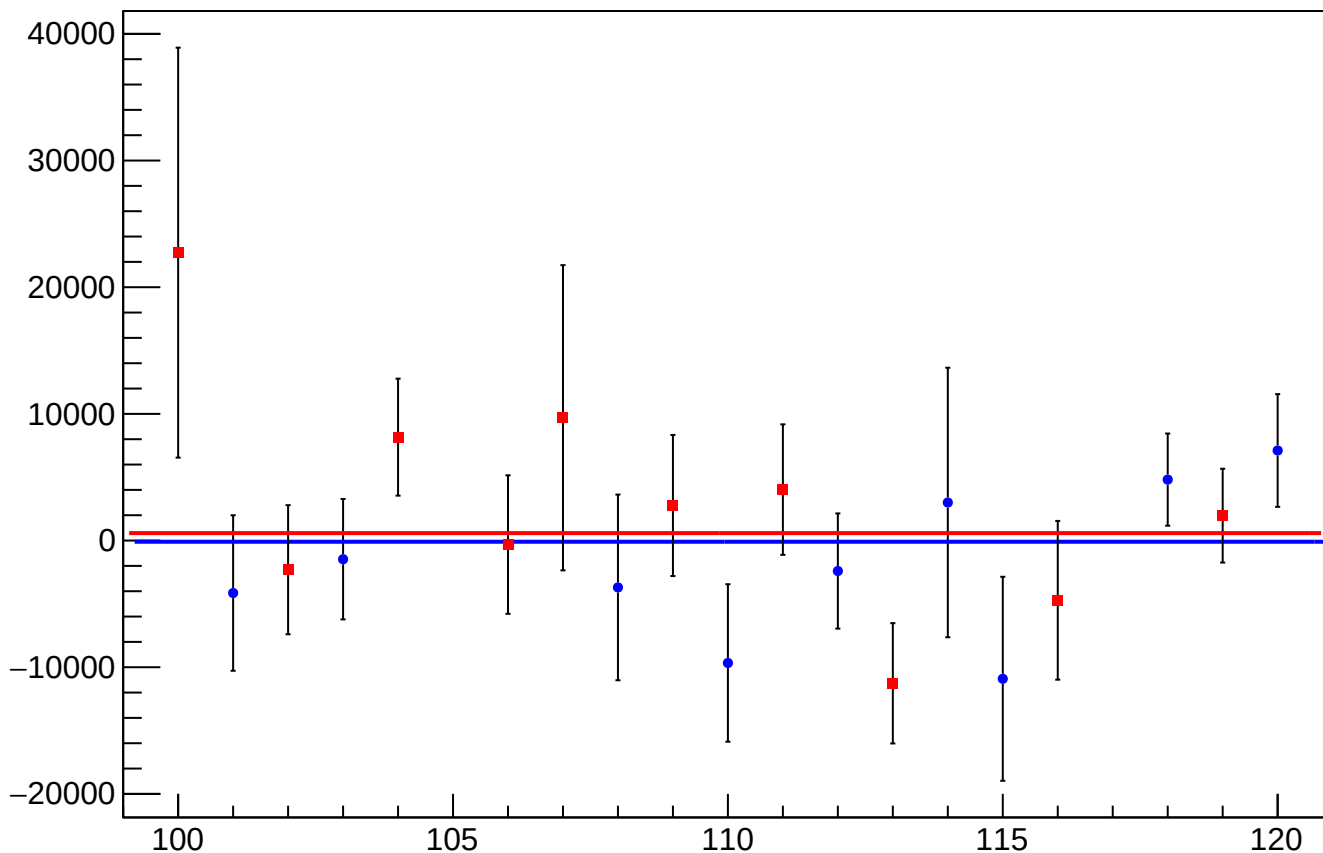
Right: 1359.361+/-0.348 χ^2/NDF : 102010.7/18

In: 1376.546+/-0.511 χ^2/NDF : 44281.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1359.361+/-0.348 χ^2/NDF : 102010.7/18

asym_usl_atl2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -93.716+/-1784.633 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 589.009+/-1709.409 χ^2/NDF : 13.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

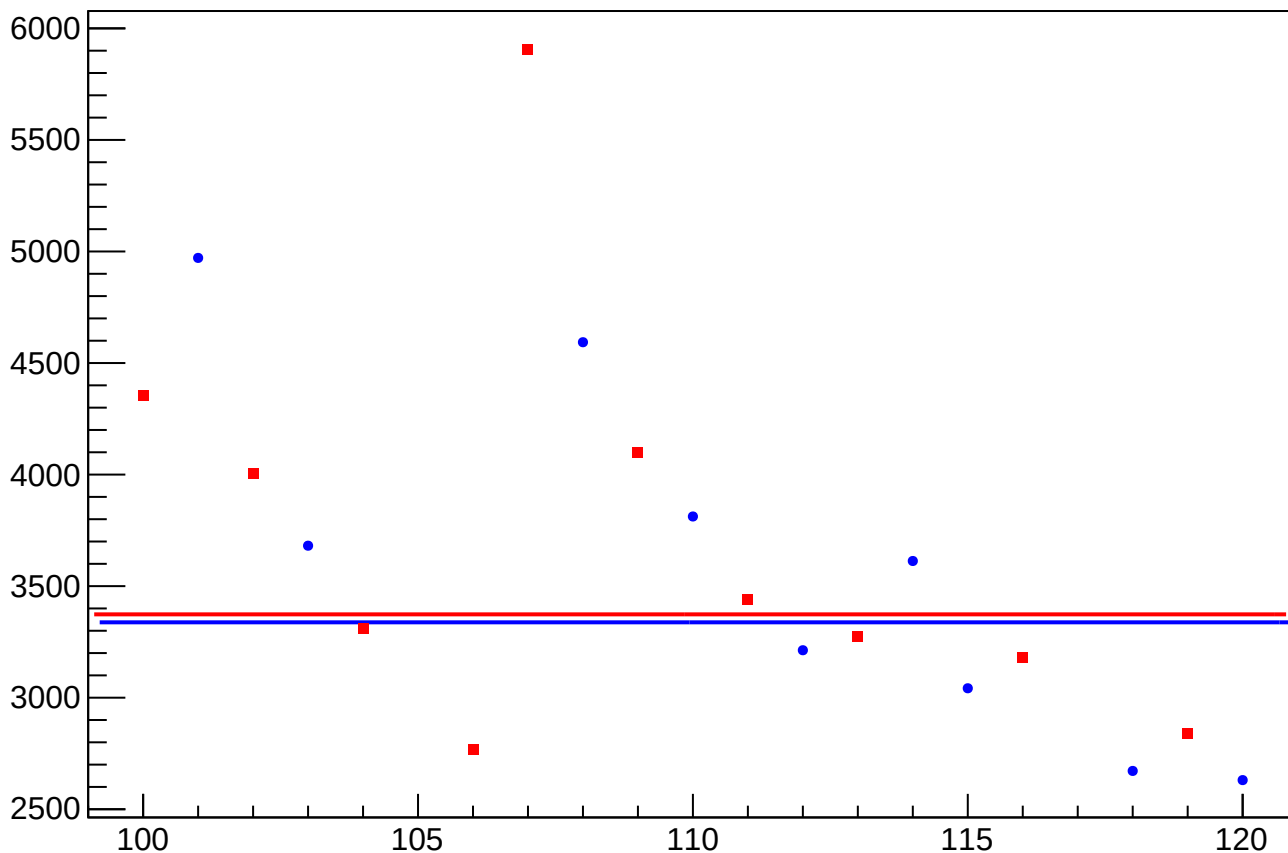
Right: 262.338+/-1234.472 χ^2/NDF : 23.0/18

In: -93.716+/-1784.633 χ^2/NDF :9.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 262.338+/-1234.472 χ^2/NDF : 23.0/18

asym_usl_atl2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3337.777+/-1.262 χ^2/NDF : 345479.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3373.531+/-1.209 χ^2/NDF : 229648.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

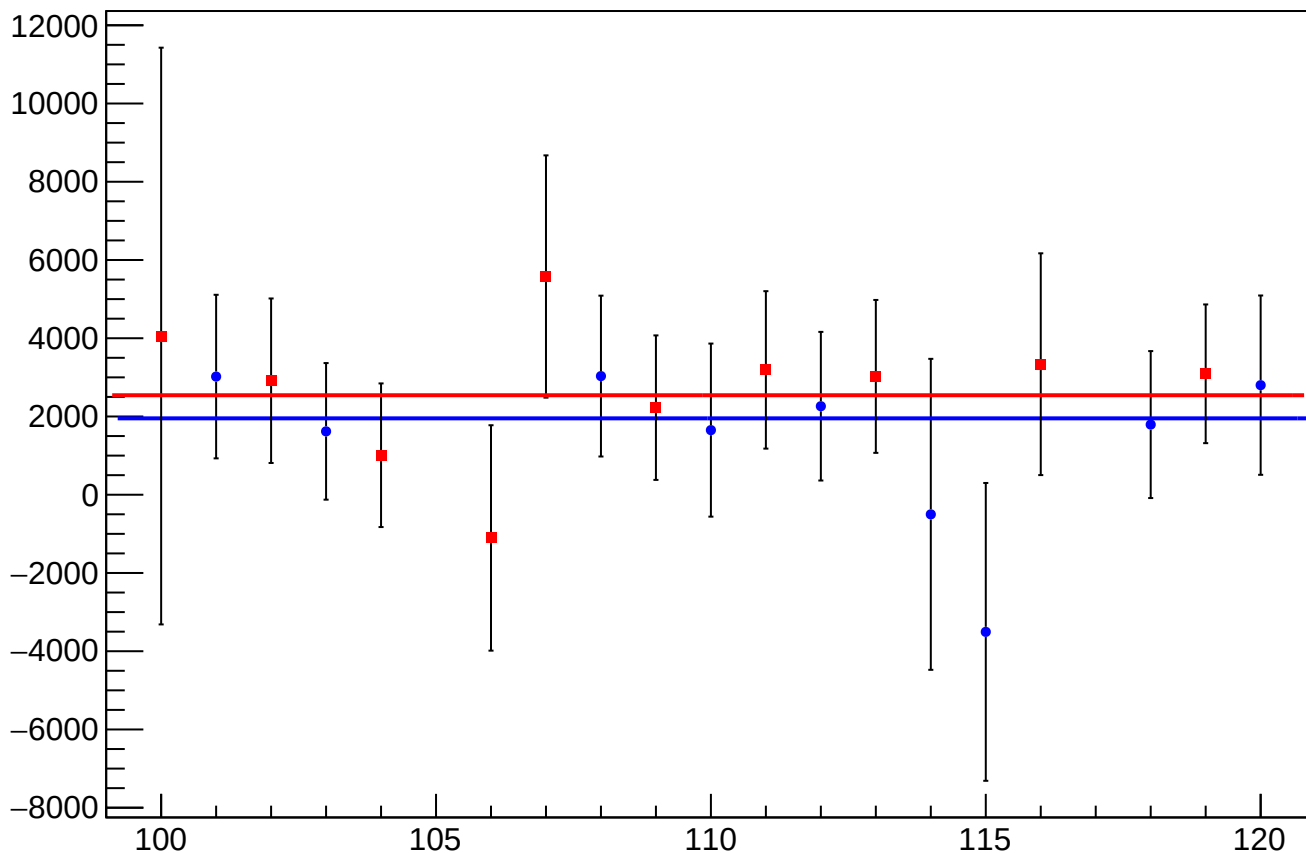
Right: 3356.423+/-0.873 χ^2/NDF : 575545.9/18

In: 3337.777+/-1.262 χ^2/NDF : 345479.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3356.423+/-0.873 χ^2/NDF : 575545.9/18

dit_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1952.291+/-729.085 χ^2/NDF : 3.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2543.047+/-705.203 χ^2/NDF : 3.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

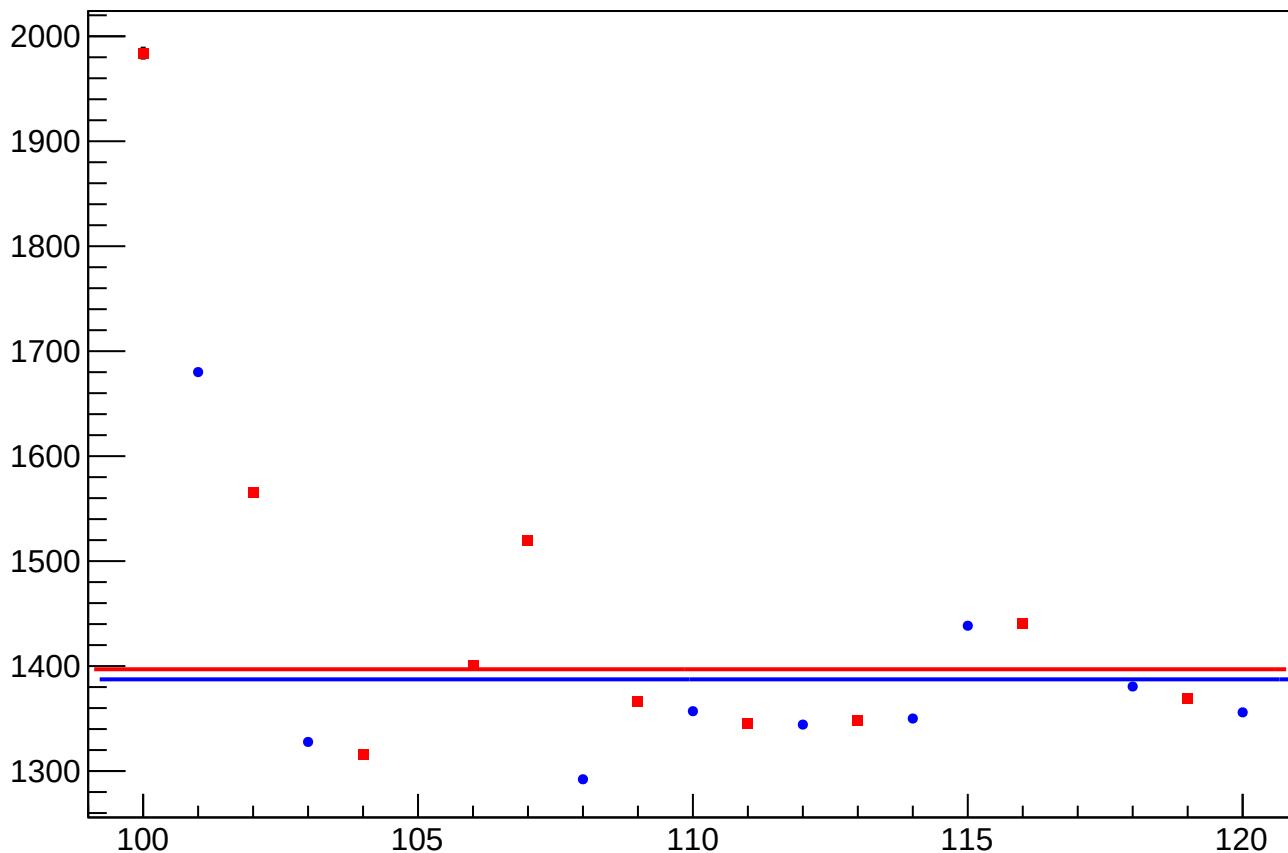
Right: 2257.503+/-506.886 χ^2/NDF : 7.2/18

In: 1952.291+/-729.085 χ^2/NDF : 3.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2257.503+/-506.886 χ^2/NDF : 7.2/18

dit_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1387.358+/-0.516 χ^2/NDF : 48182.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1396.975+/-0.496 χ^2/NDF : 36683.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

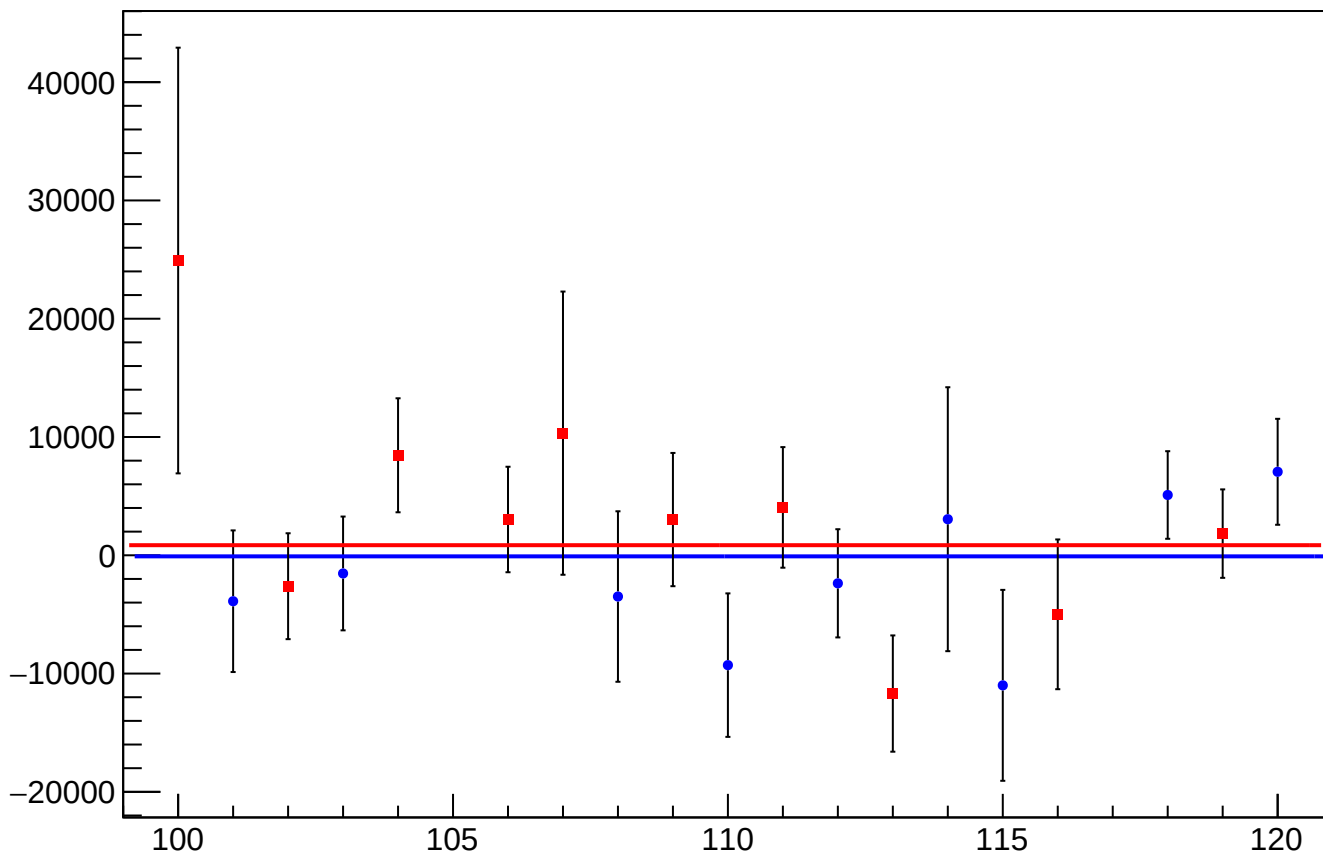
Right: 1392.349+/-0.358 χ^2/NDF : 85046.3/18

In: 1387.358+/-0.516 χ^2/NDF : 48182.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1392.349+/-0.358 χ^2/NDF : 85046.3/18

asym_usl_atl2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -90.441+/-1791.631 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 853.585+/-1663.888 χ^2/NDF : 13.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

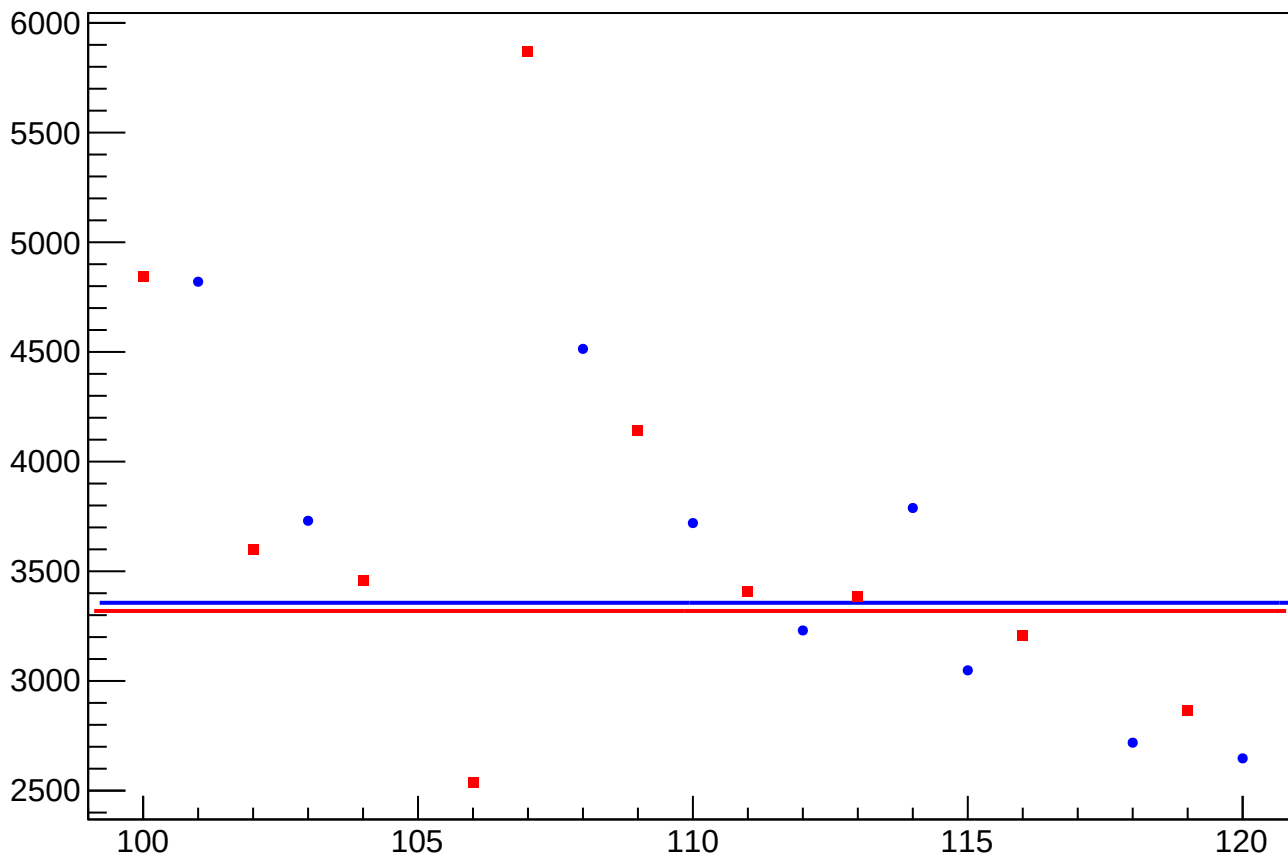
Right: 416.423+/-1219.208 χ^2/NDF : 23.5/18

In: -90.441+/-1791.631 χ^2/NDF : 9.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 416.423+/-1219.208 χ^2/NDF : 23.5/18

asym_usl_atl2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3356.411+/-1.267 χ^2/NDF : 307340.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3319.128+/-1.177 χ^2/NDF : 249634.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

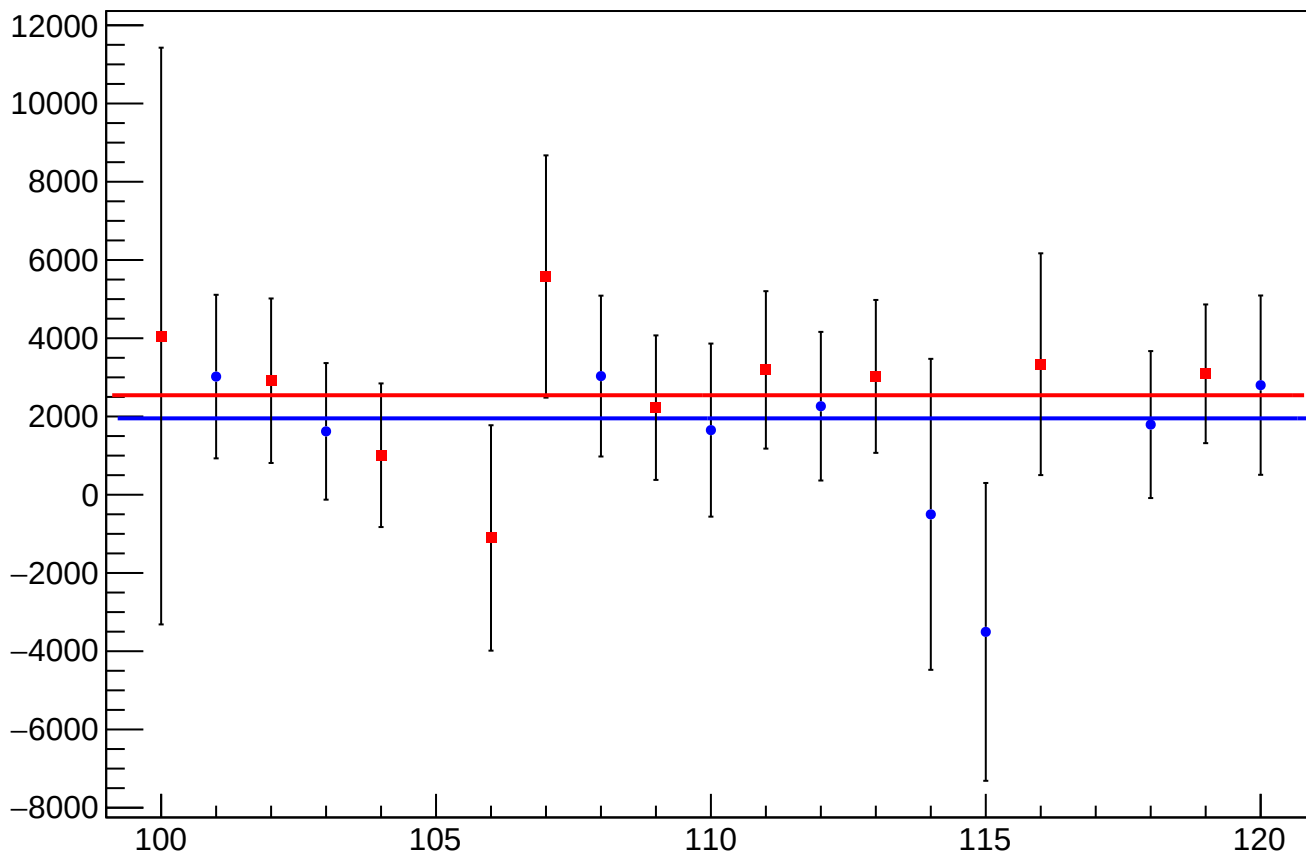
Right: 3336.393+/-0.862 χ^2/NDF : 557440.2/18

In: 3356.411+/-1.267 χ^2/NDF : 307340.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3336.393+/-0.862 χ^2/NDF : 557440.2/18

eigen_dit_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1952.292+/-729.085 χ^2/NDF : 3.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2543.054+/-705.203 χ^2/NDF : 3.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

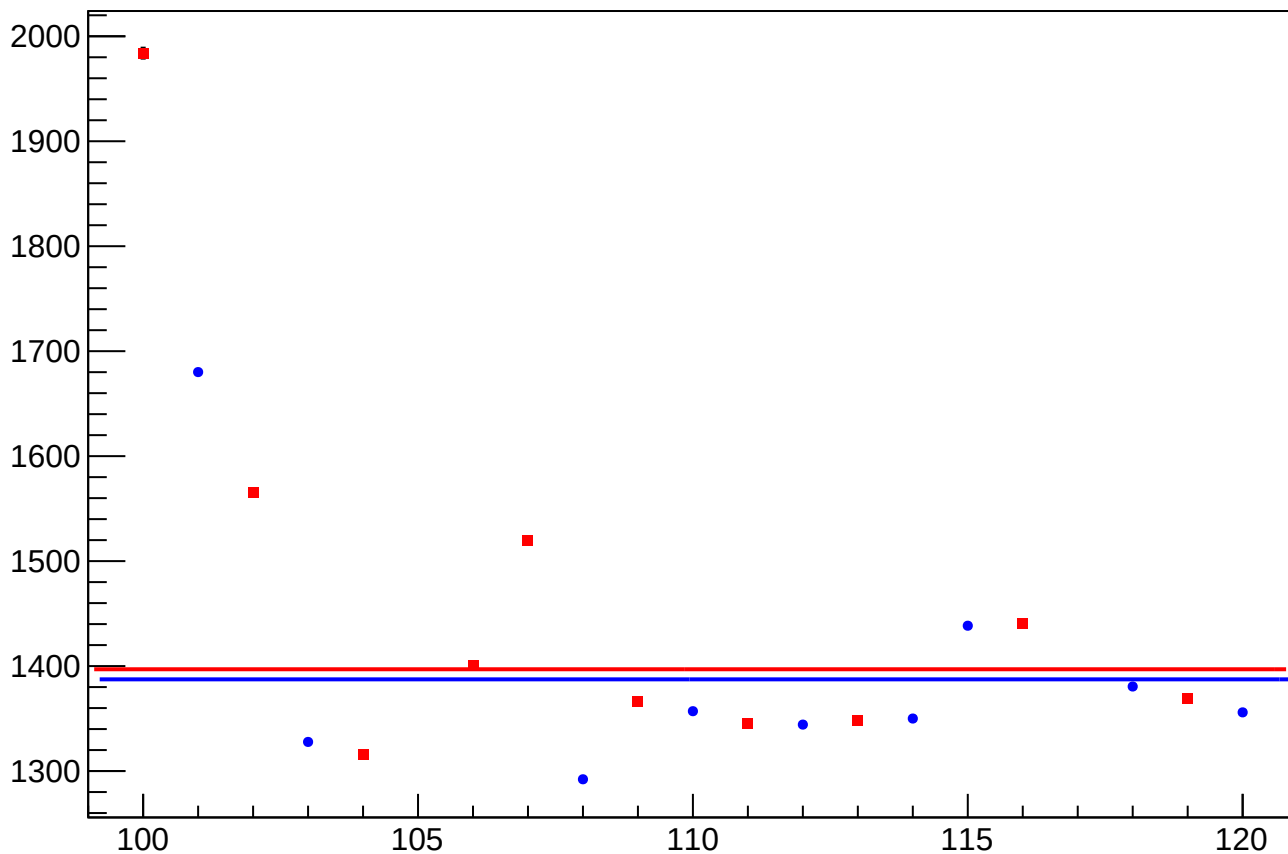
Right: 2257.507+/-506.886 χ^2/NDF : 7.2/18

In: 1952.292+/-729.085 χ^2/NDF : 3.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2257.507+/-506.886 χ^2/NDF : 7.2/18

eigen_dit_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1387.358+/-0.516 χ^2/NDF : 48182.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1396.974+/-0.496 χ^2/NDF : 36683.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

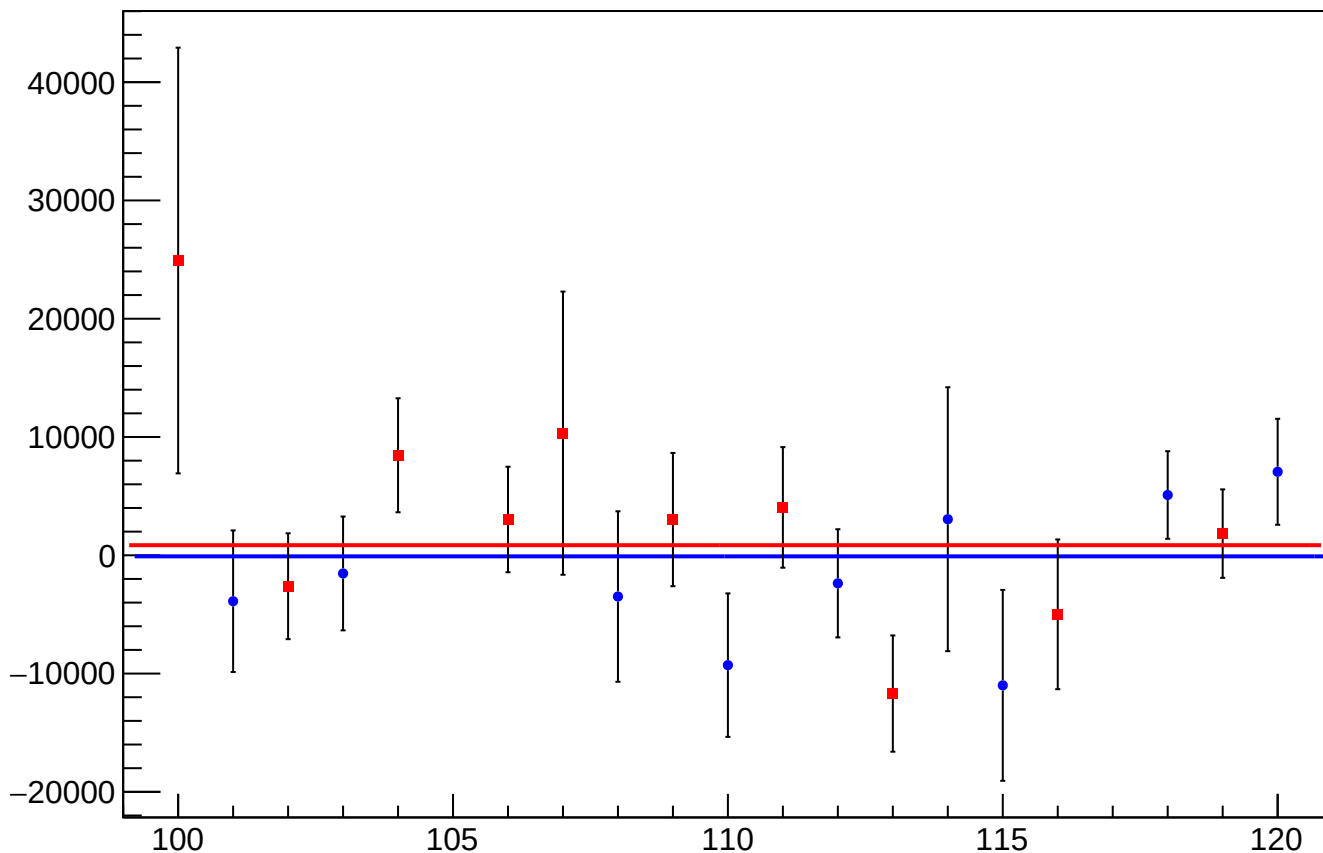
Right: 1392.349+/-0.358 χ^2/NDF : 85046.1/18

In: 1387.358+/-0.516 χ^2/NDF : 48182.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1392.349+/-0.358 χ^2/NDF : 85046.1/18

asym_usl_atl2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -90.432 ± 1791.624 χ^2/NDF : 9.7/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 853.586 ± 1663.883 χ^2/NDF : 13.7/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

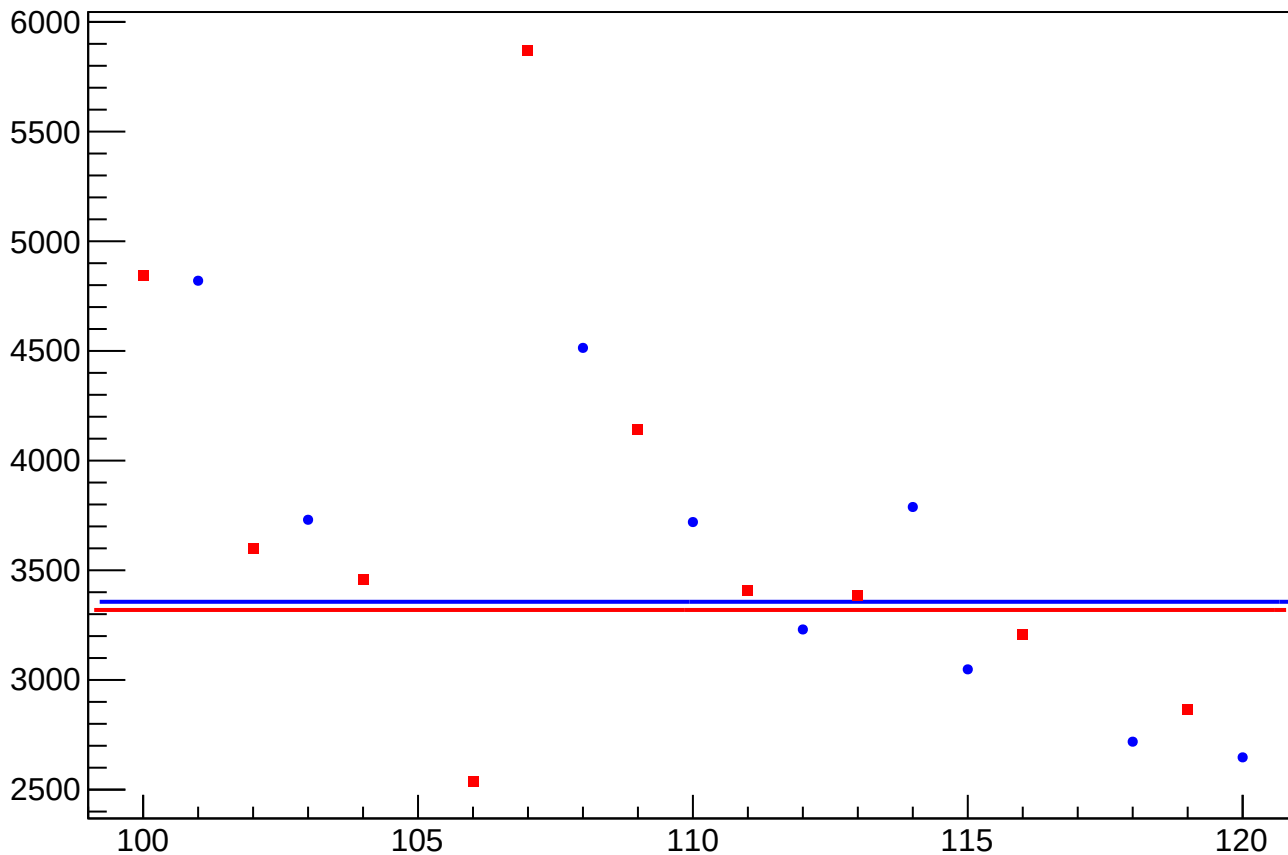
Right: 416.427 ± 1219.204 χ^2/NDF : 23.5/18

In: -90.432 ± 1791.624 χ^2/NDF : 9.7/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 416.427 ± 1219.204 χ^2/NDF : 23.5/18

asym_usl_atl2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3356.397+/-1.267 χ^2/NDF : 307345.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3319.117+/-1.177 χ^2/NDF : 249636.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

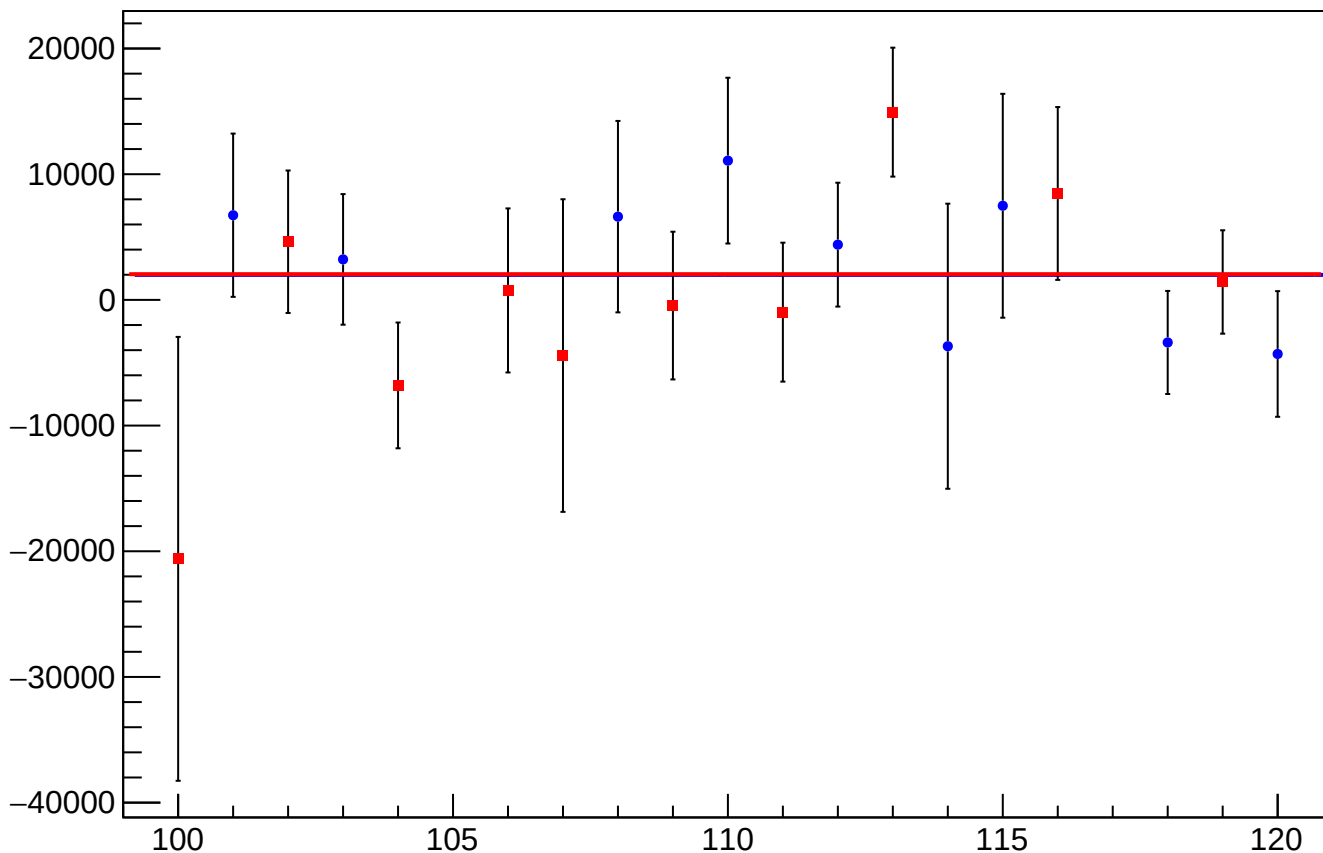
Right: 3336.381+/-0.862 χ^2/NDF : 557446.6/18

In: 3356.397+/-1.267 χ^2/NDF :307345.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3336.381+/-0.862 χ^2/NDF : 557446.6/18

asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1988.575+/-1953.510 χ^2/NDF : 7.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2045.096+/-1875.824 χ^2/NDF : 13.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

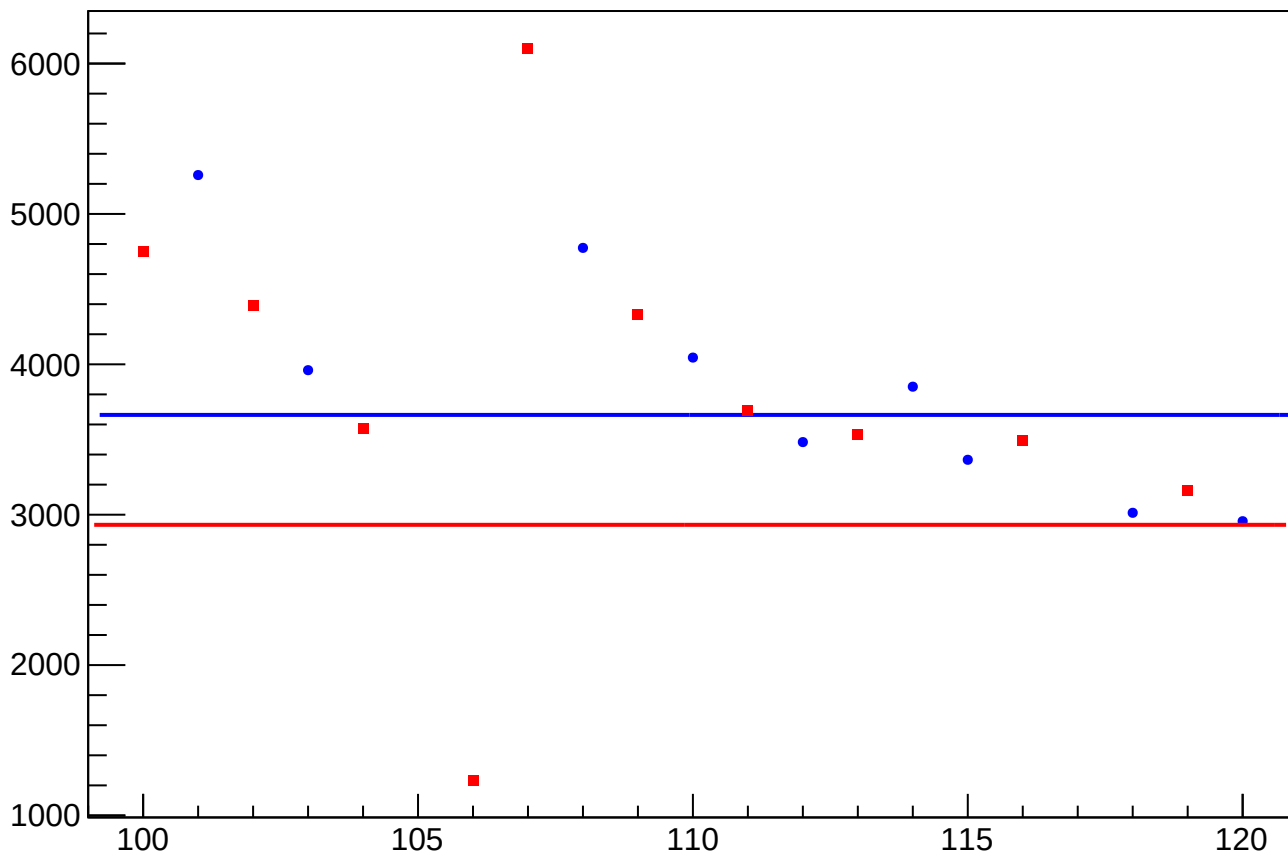
Right: 2017.982+/-1353.039 χ^2/NDF : 20.0/18

In: 1988.575+/-1953.510 χ^2/NDF : 7.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2017.982+/-1353.039 χ^2/NDF : 20.0/18

asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 3663.616+/-1.381 χ^2/NDF : 272260.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2932.751+/-1.140 χ^2/NDF : 1229753.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

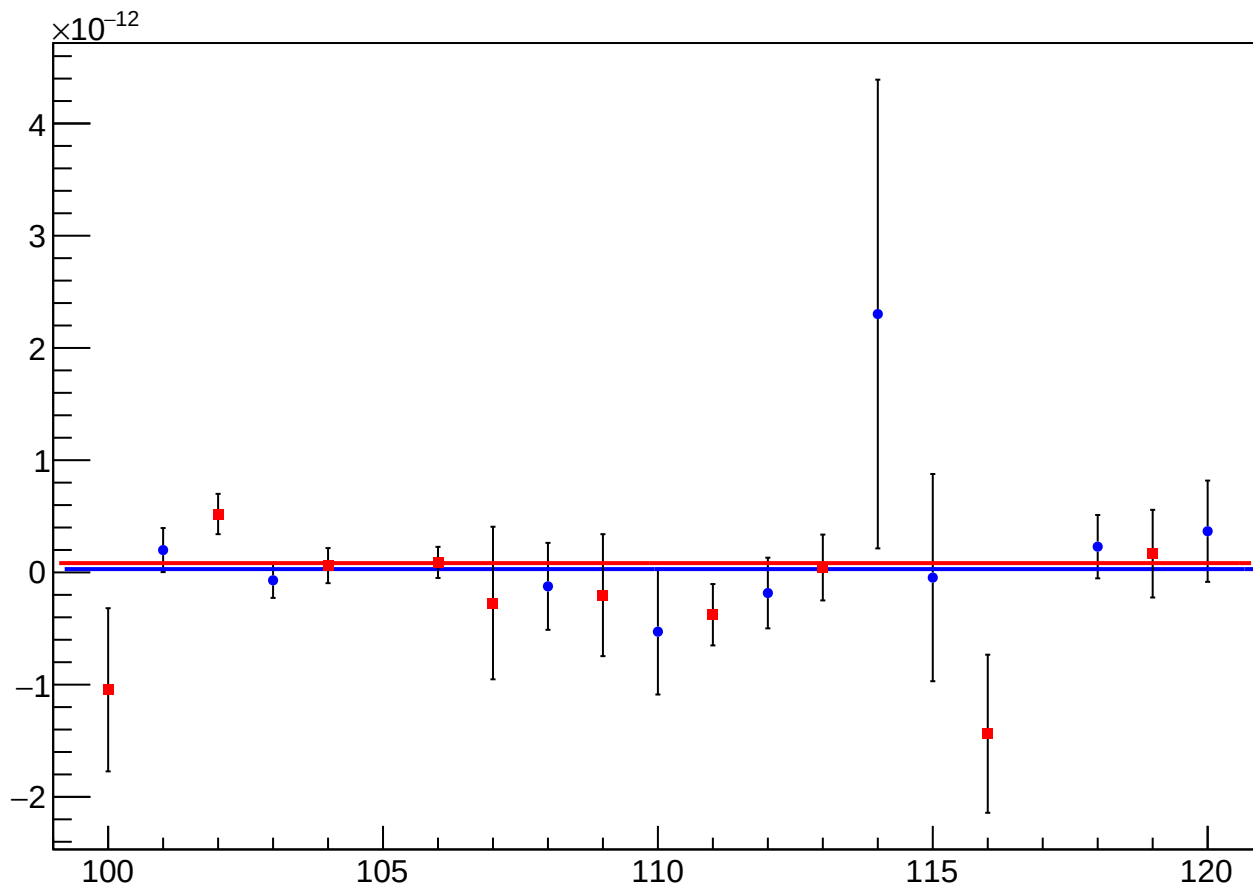
Right: 3228.903+/-0.879 χ^2/NDF : 1668524.5/18

In: 3663.616+/-1.381 χ^2/NDF : 272260.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3228.903+/-0.879 χ^2/NDF : 1668524.5/18

asym_usl_atl2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

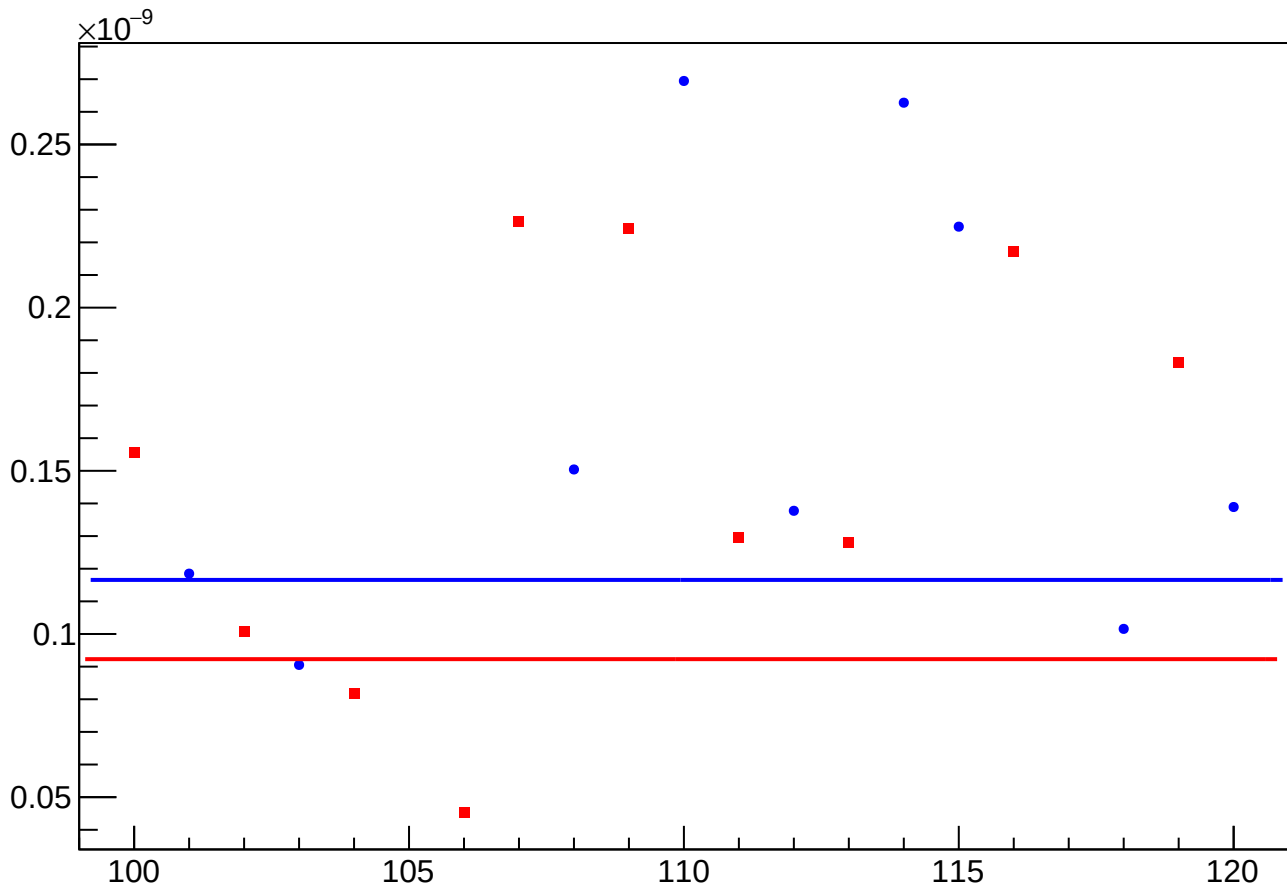
Right: 0.000+/-0.000 χ^2/NDF : 21.7/18

In: 0.000+/-0.000 χ^2/NDF : 5.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.7/18

asym_usl_atl2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 276588.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 692903.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

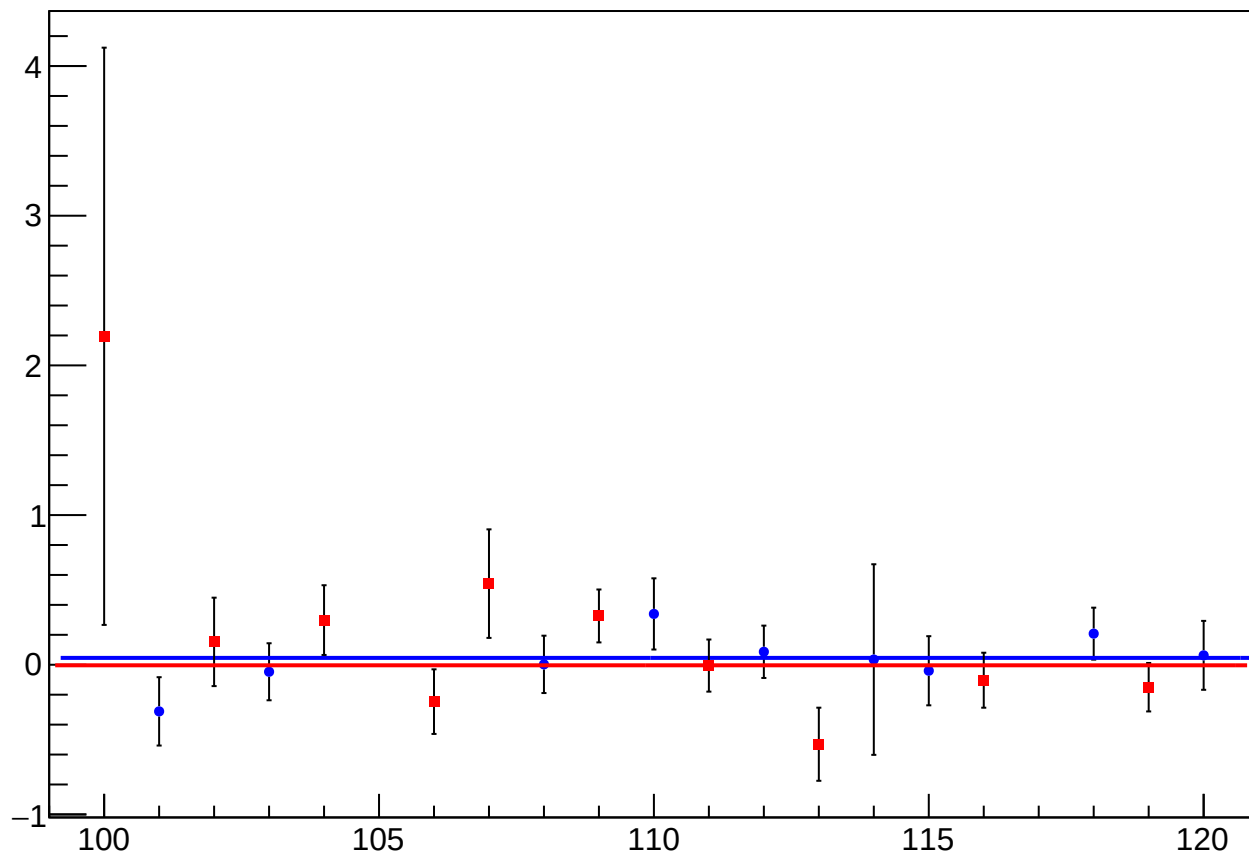
Right: 0.000+/-0.000 χ^2/NDF : 1045360.4/18

In: 0.000+/-0.000 χ^2/NDF : 276588.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1045360.4/18

asym_usl_atl2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.046+/-0.071 χ^2/NDF : 5.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.004+/-0.069 χ^2/NDF : 16.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

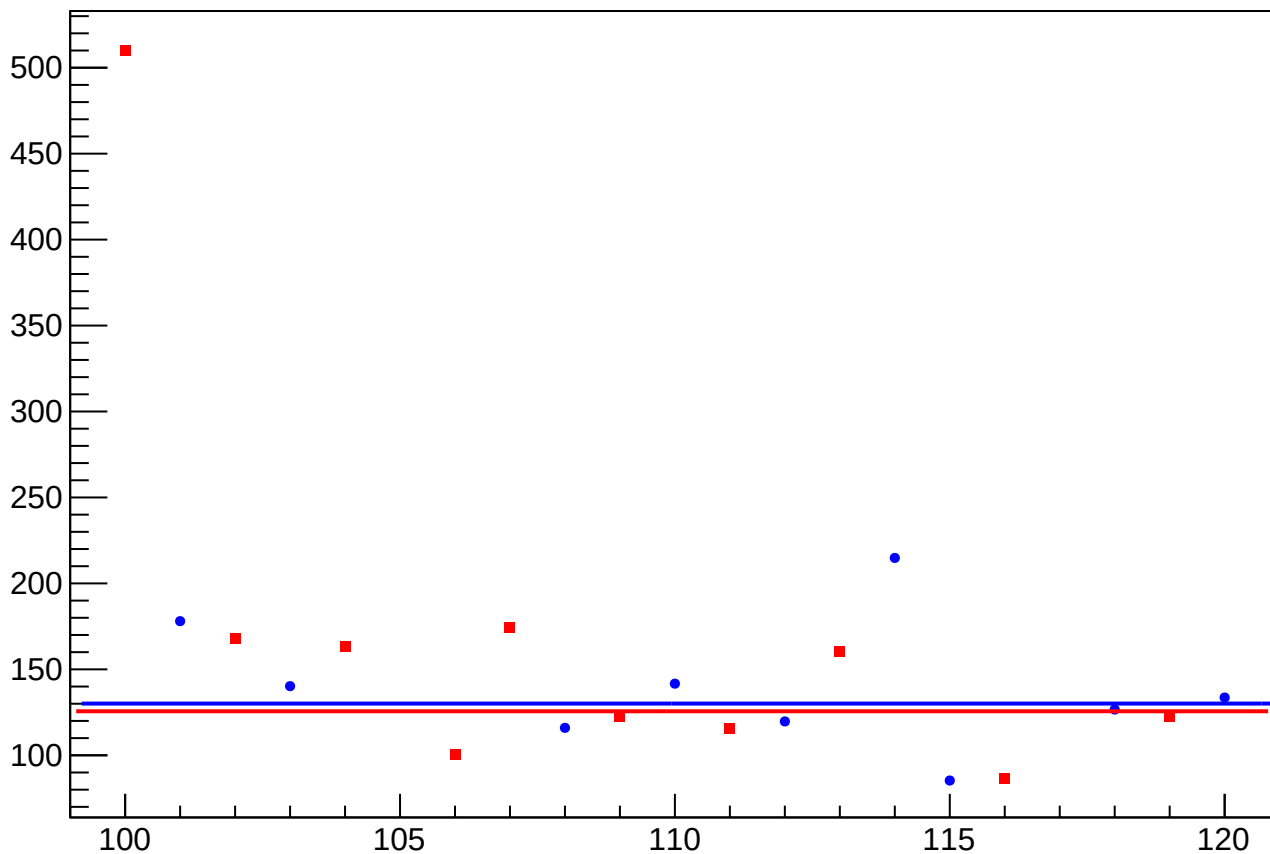
Right: 0.020+/-0.050 χ^2/NDF : 21.6/18

In: 0.046+/-0.071 χ^2/NDF : 5.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.050 χ^2/NDF : 21.6/18

asym_usl_atl2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.098+/-0.050 χ^2/NDF : 228324.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.617+/-0.049 χ^2/NDF : 374114.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

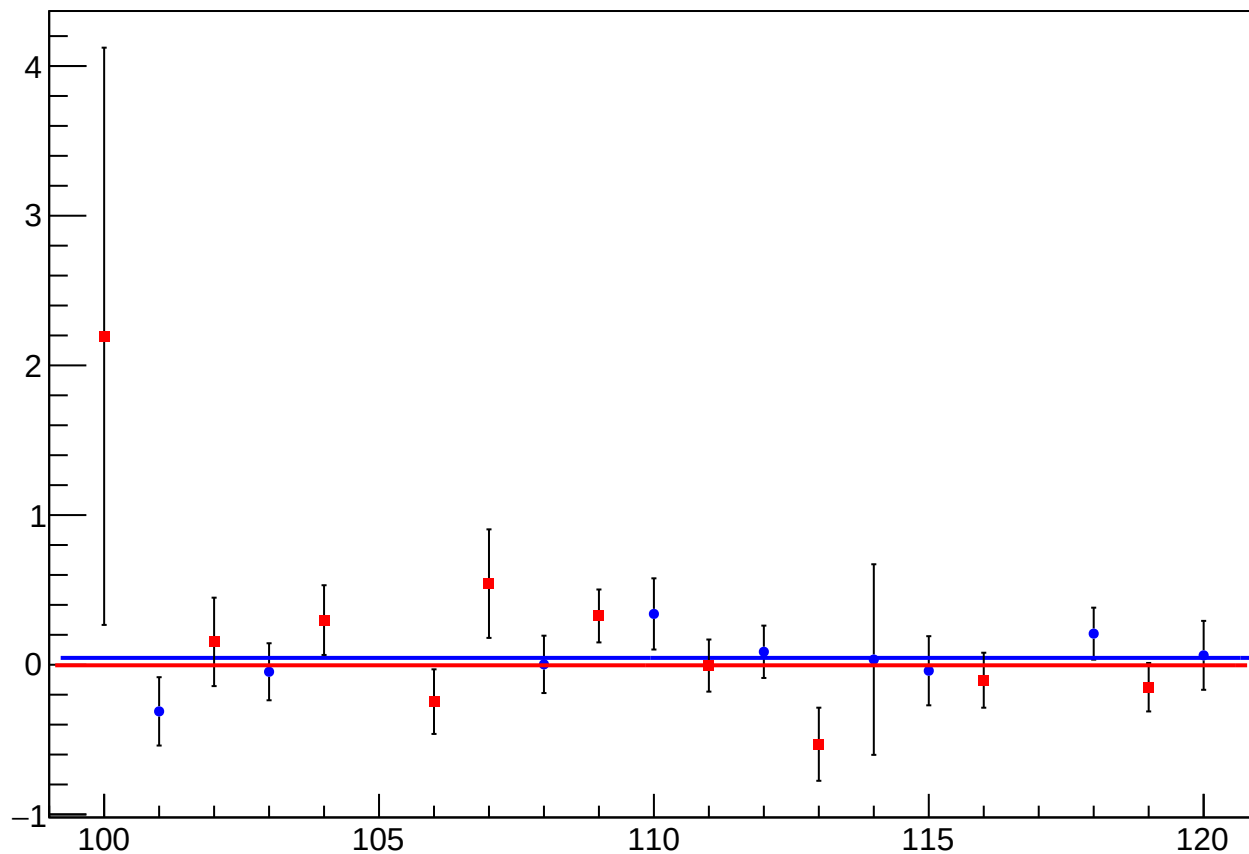
Right: 127.796+/-0.035 χ^2/NDF : 606517.1/18

In: 130.098+/-0.050 χ^2/NDF : 228324.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.796+/-0.035 χ^2/NDF : 606517.1/18

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.046 $\pm$ 0.071 χ^2 /NDF: 5.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.069 χ^2 /NDF: 16.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

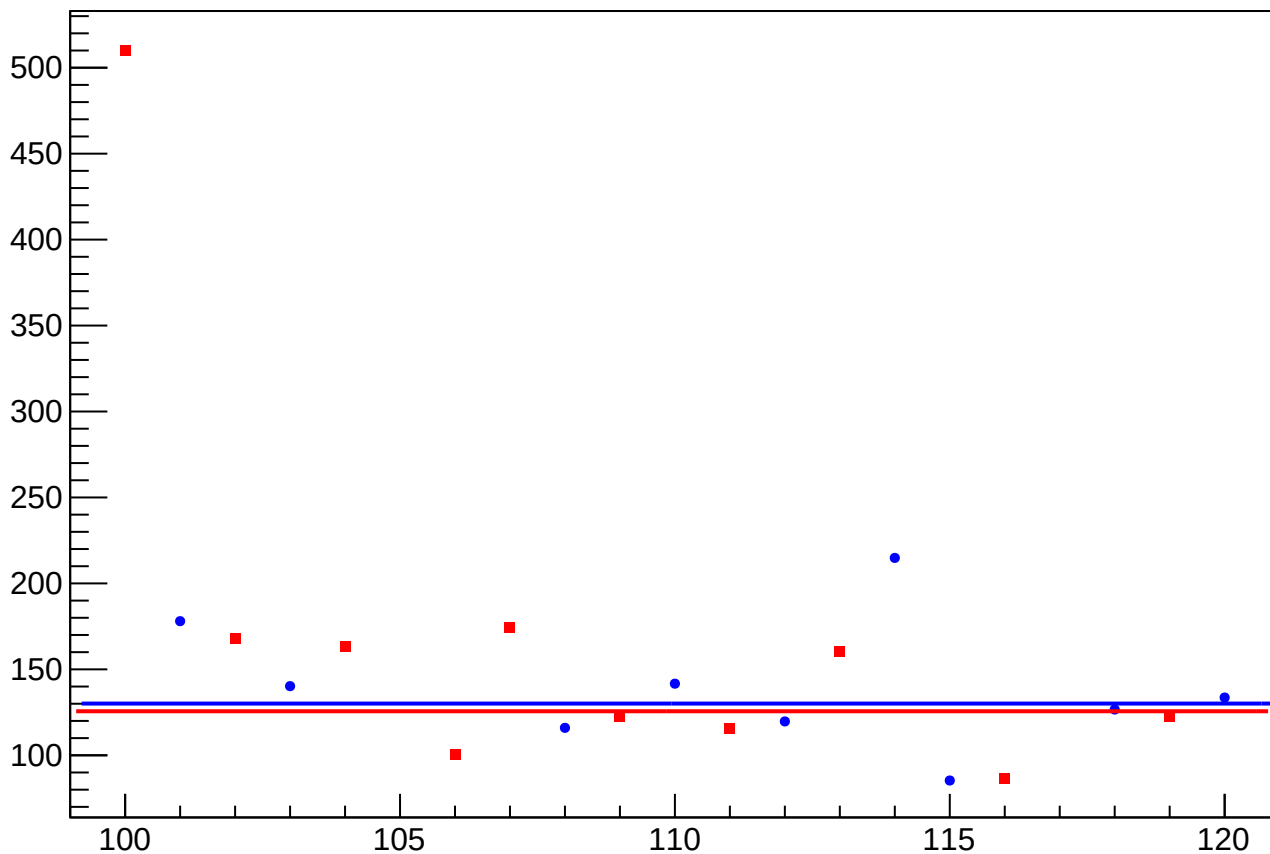
Right: 0.020 $\pm$ 0.050 χ^2 /NDF: 21.6/18

In: 0.046 $\pm$ 0.071 χ^2 /NDF:5.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.020 $\pm$ 0.050 χ^2 /NDF: 21.6/18

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.098+/-0.050 χ^2/NDF : 228324.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.617+/-0.049 χ^2/NDF : 374114.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

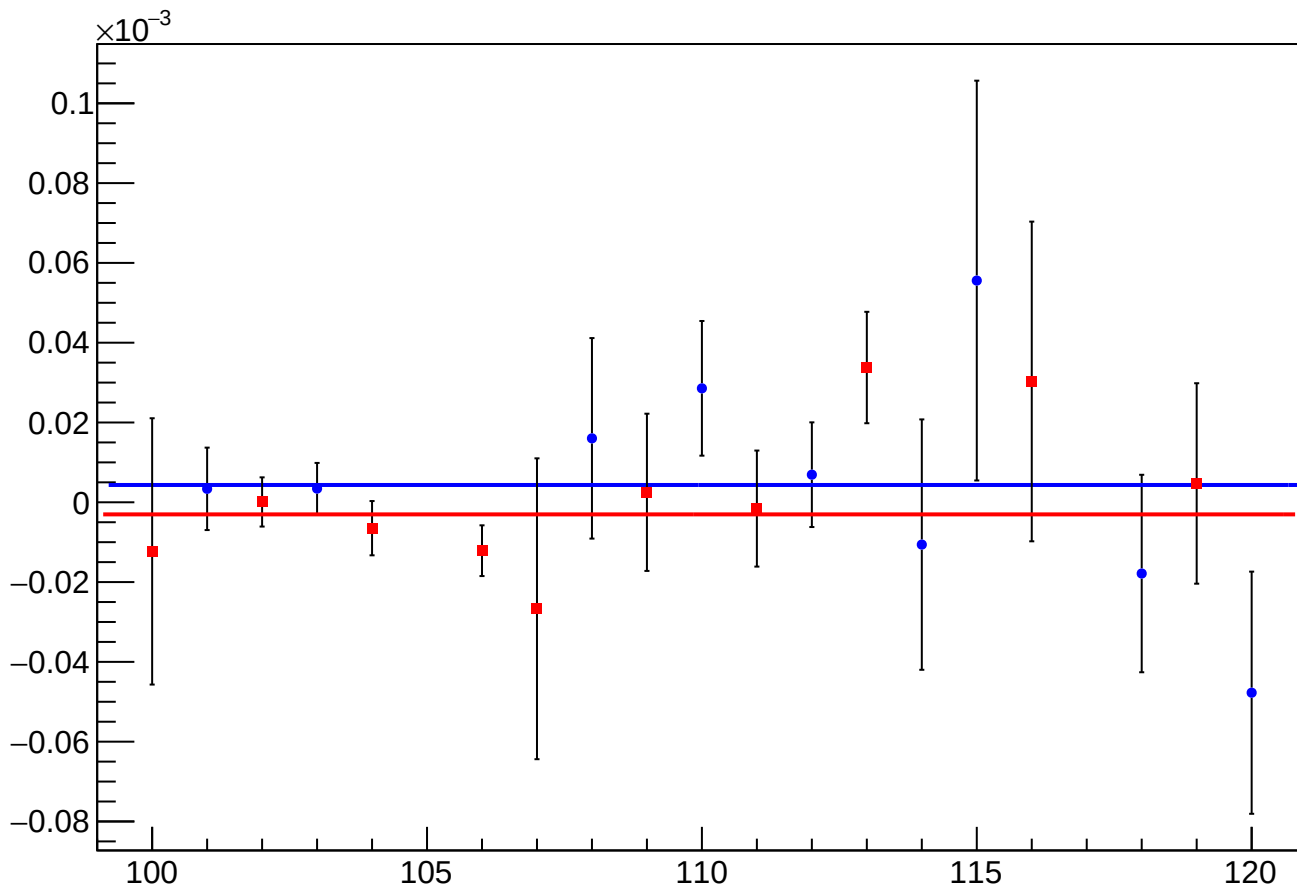
Right: 127.796+/-0.035 χ^2/NDF : 606517.1/18

In: 130.098+/-0.050 χ^2/NDF : 228324.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.796+/-0.035 χ^2/NDF : 606517.1/18

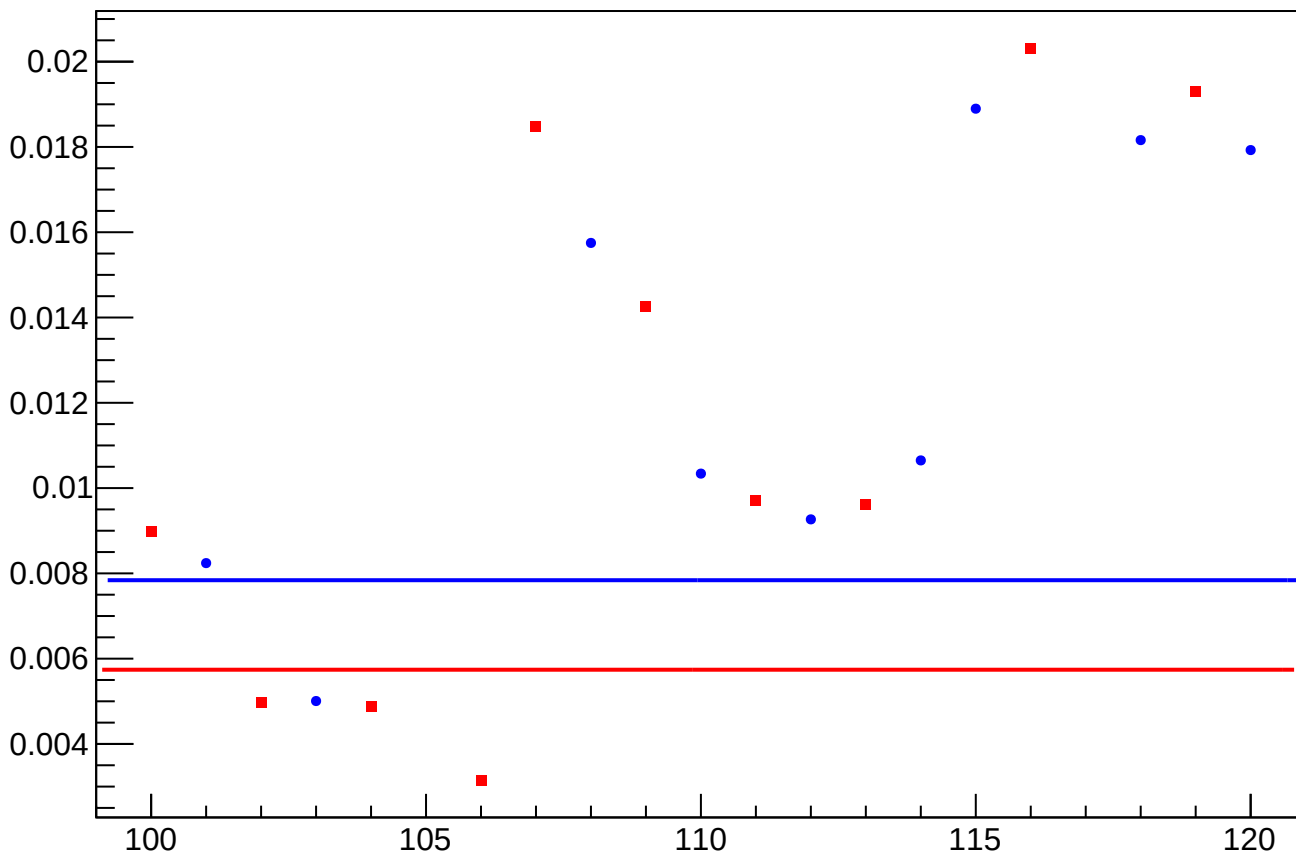
asym_usl_atl2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.4/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 10.9/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 19.9/18
 In: 0.000+/-0.000 χ^2/NDF : 7.4/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 19.9/18

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 1338488.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 2170097.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

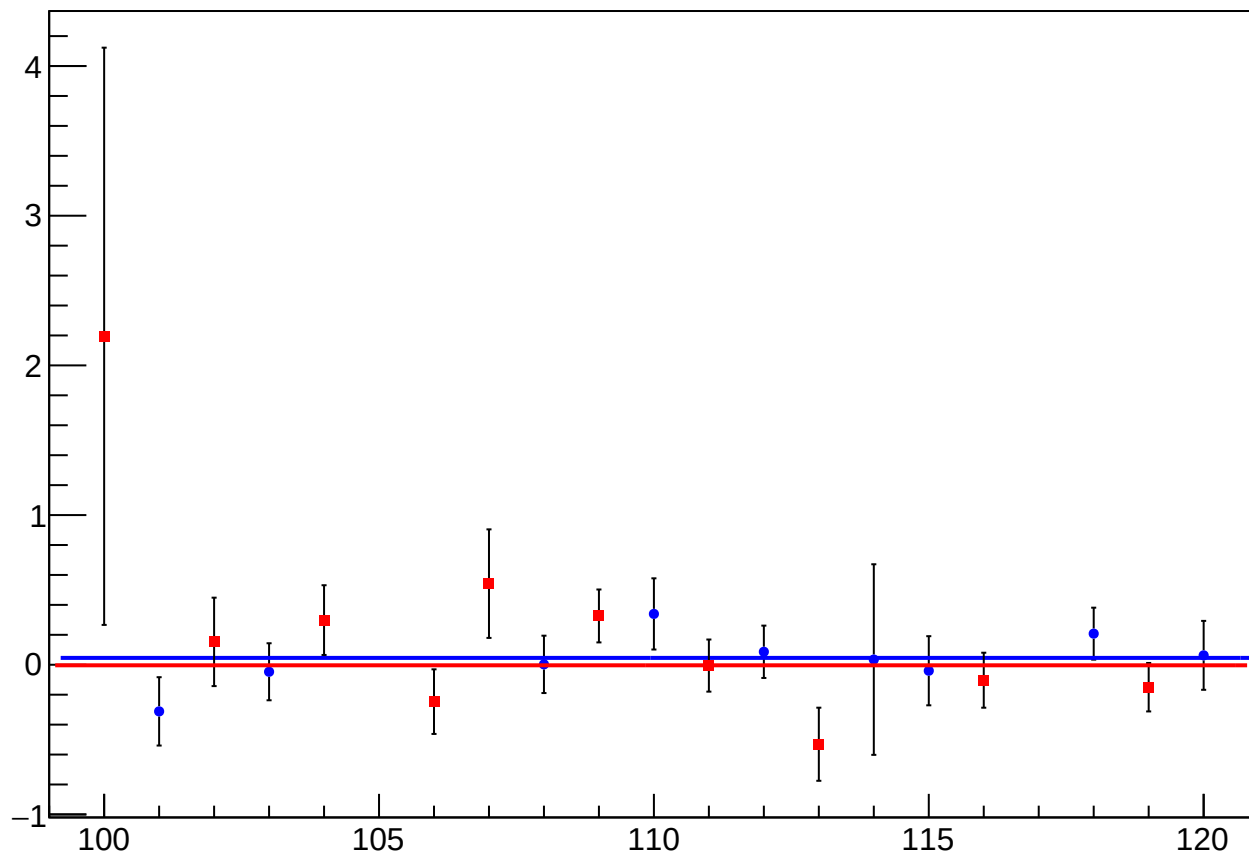
Right: 0.006+/-0.000 χ^2/NDF : 3785262.7/18

In: 0.008+/-0.000 χ^2/NDF :1338488.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 3785262.7/18

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.046 $\pm$ 0.071 χ^2 /NDF: 5.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.069 χ^2 /NDF: 16.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

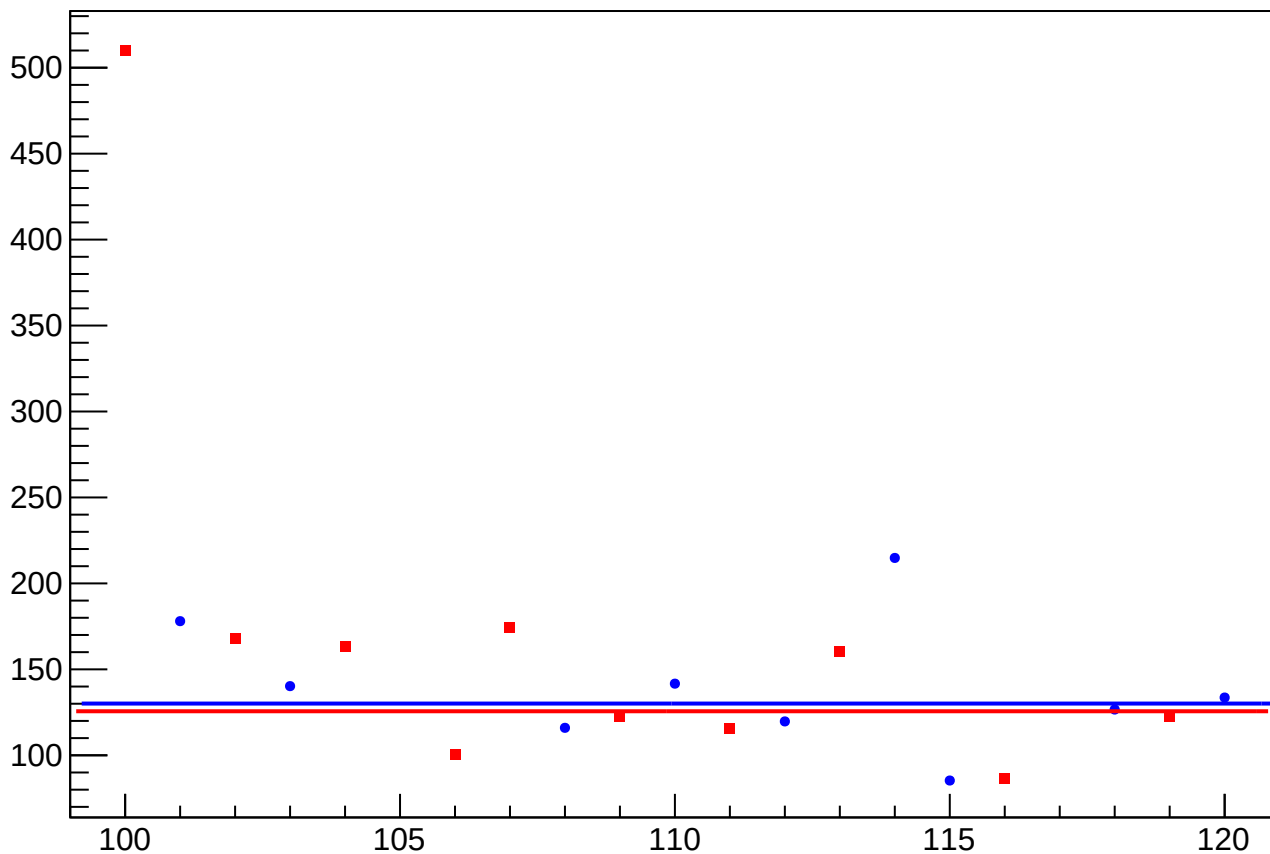
Right: 0.020 $\pm$ 0.050 χ^2 /NDF: 21.6/18

In: 0.046 $\pm$ 0.071 χ^2 /NDF:5.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.020 $\pm$ 0.050 χ^2 /NDF: 21.6/18

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.099+/-0.050 χ^2/NDF : 228304.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.619+/-0.049 χ^2/NDF : 374081.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

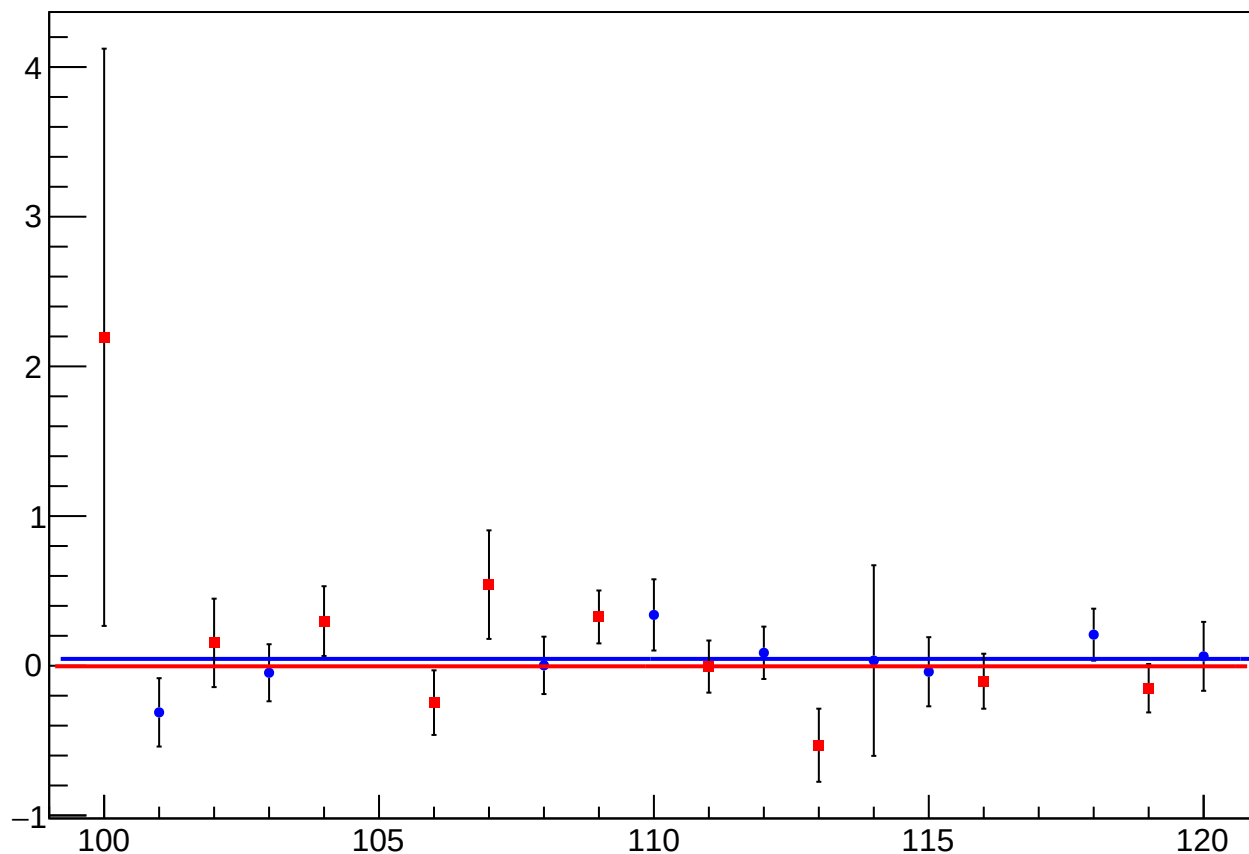
Right: 127.798+/-0.035 χ^2/NDF : 606462.6/18

In: 130.099+/-0.050 χ^2/NDF : 228304.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.798+/-0.035 χ^2/NDF : 606462.6/18

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.046 $\pm$ 0.071 χ^2 /NDF: 5.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.069 χ^2 /NDF: 16.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

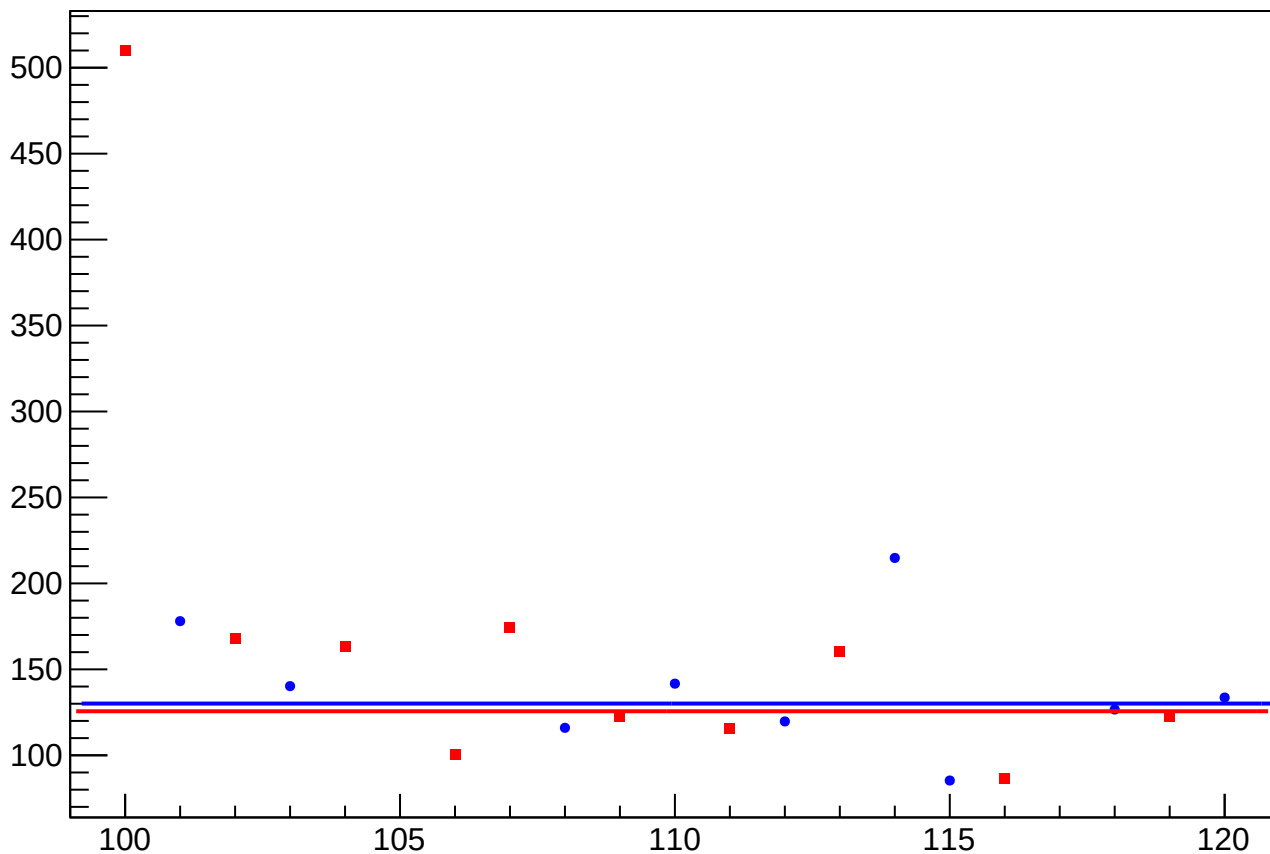
Right: 0.020 $\pm$ 0.050 χ^2 /NDF: 21.6/18

In: 0.046 $\pm$ 0.071 χ^2 /NDF:5.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.020 $\pm$ 0.050 χ^2 /NDF: 21.6/18

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.099+/-0.050 χ^2/NDF : 228304.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.619+/-0.049 χ^2/NDF : 374081.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

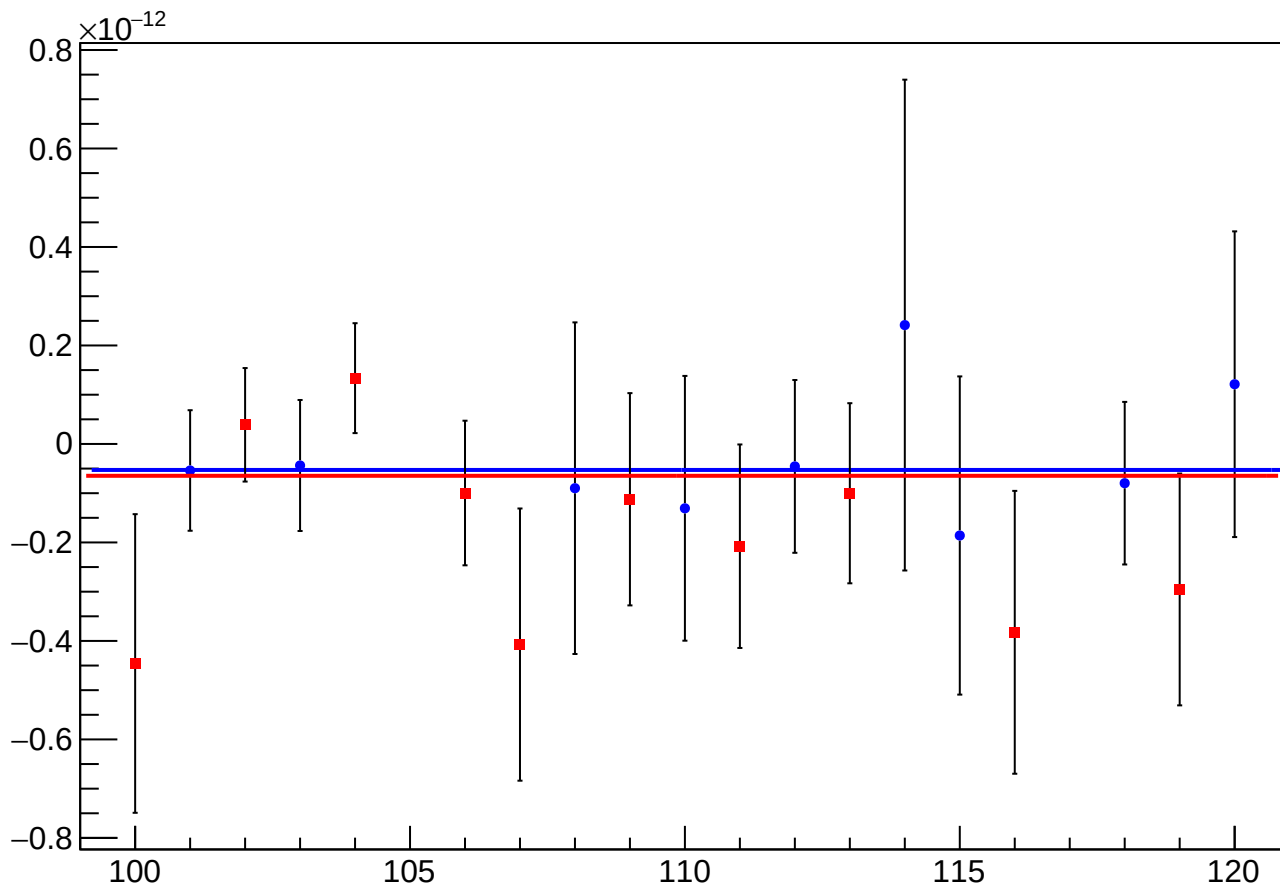
Right: 127.798+/-0.035 χ^2/NDF : 606462.6/18

In: 130.099+/-0.050 χ^2/NDF : 228304.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.798+/-0.035 χ^2/NDF : 606462.6/18

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

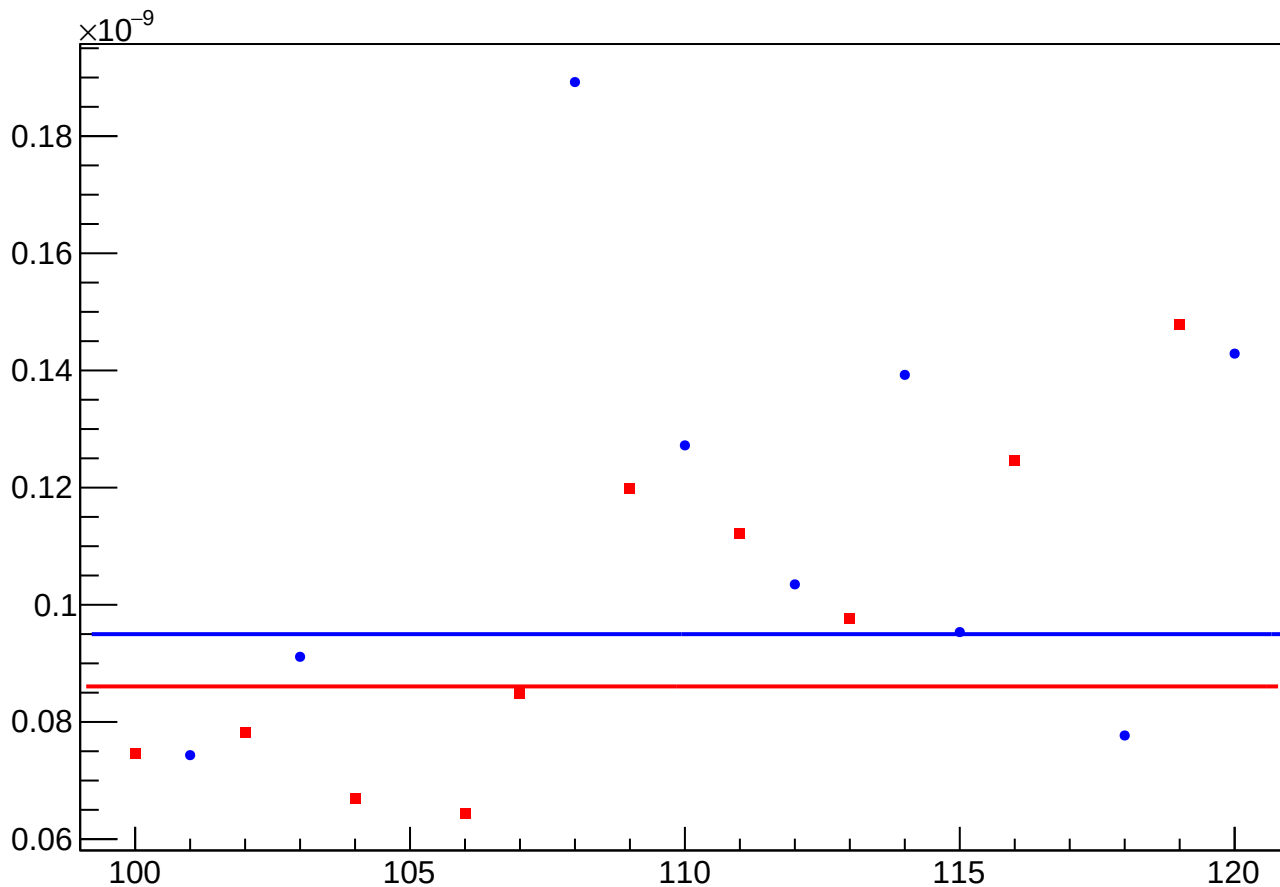
Right: -0.000+/-0.000 χ^2/NDF : 10.9/18

In: -0.000+/-0.000 χ^2/NDF :1.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.9/18

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 334057.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 377540.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

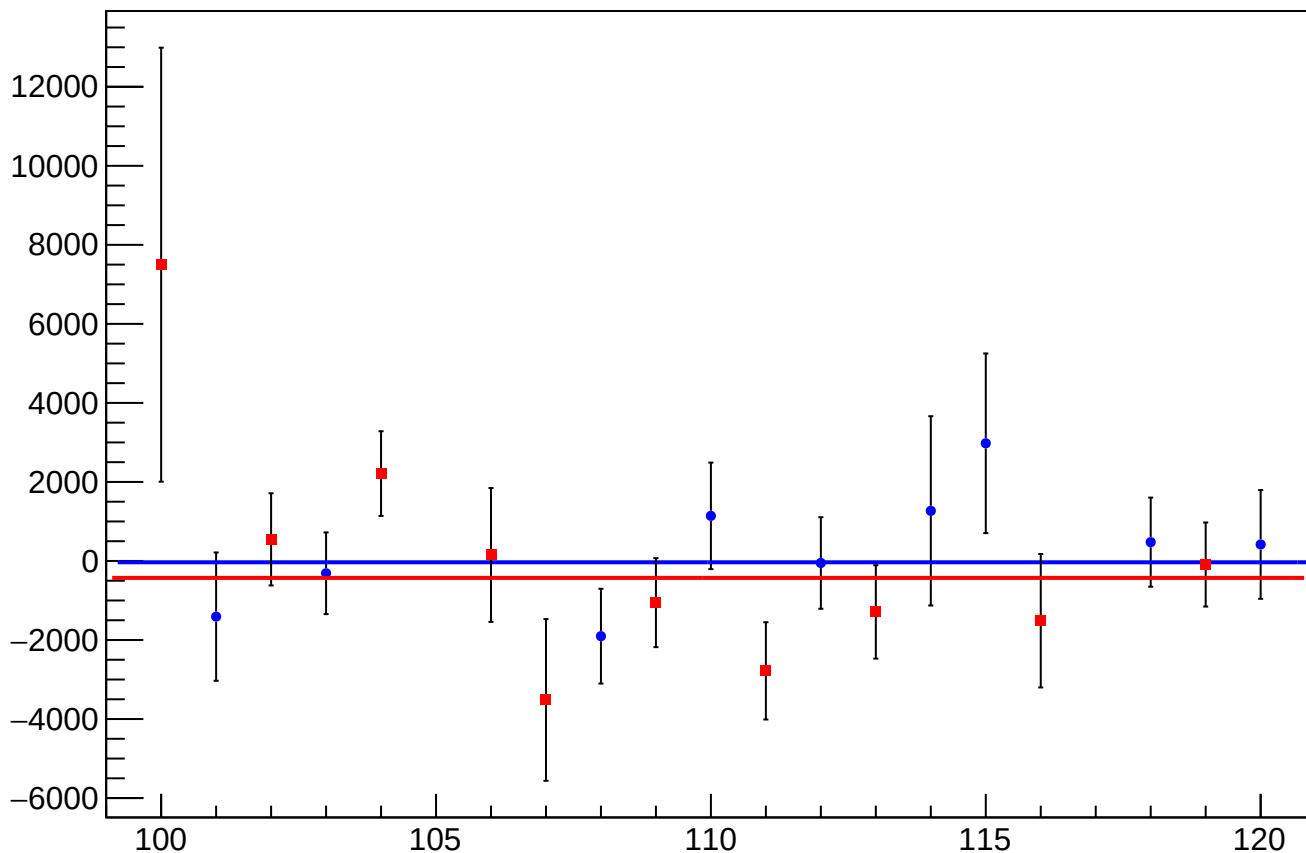
Right: 0.000+/-0.000 χ^2/NDF : 733703.6/18

In: 0.000+/-0.000 χ^2/NDF : 334057.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 733703.6/18

reg_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -33.129+/-447.764 χ^2/NDF : 6.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -428.095+/-421.605 χ^2/NDF : 16.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

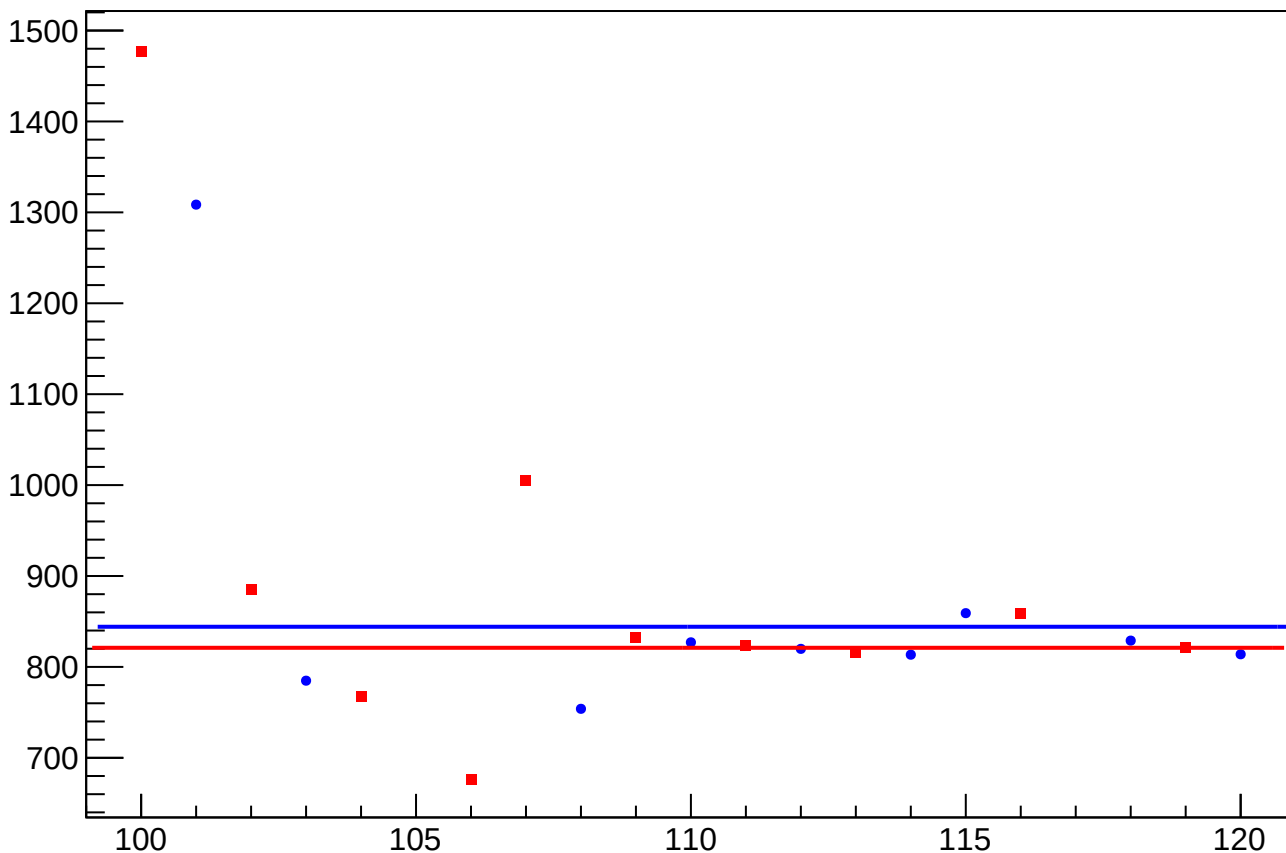
Right: -242.486+/-306.951 χ^2/NDF : 23.0/18

In: -33.129+/-447.764 χ^2/NDF : 6.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -242.486+/-306.951 χ^2/NDF : 23.0/18

reg_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 844.176+/-0.317 χ^2/NDF : 184504.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 821.036+/-0.292 χ^2/NDF : 81908.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

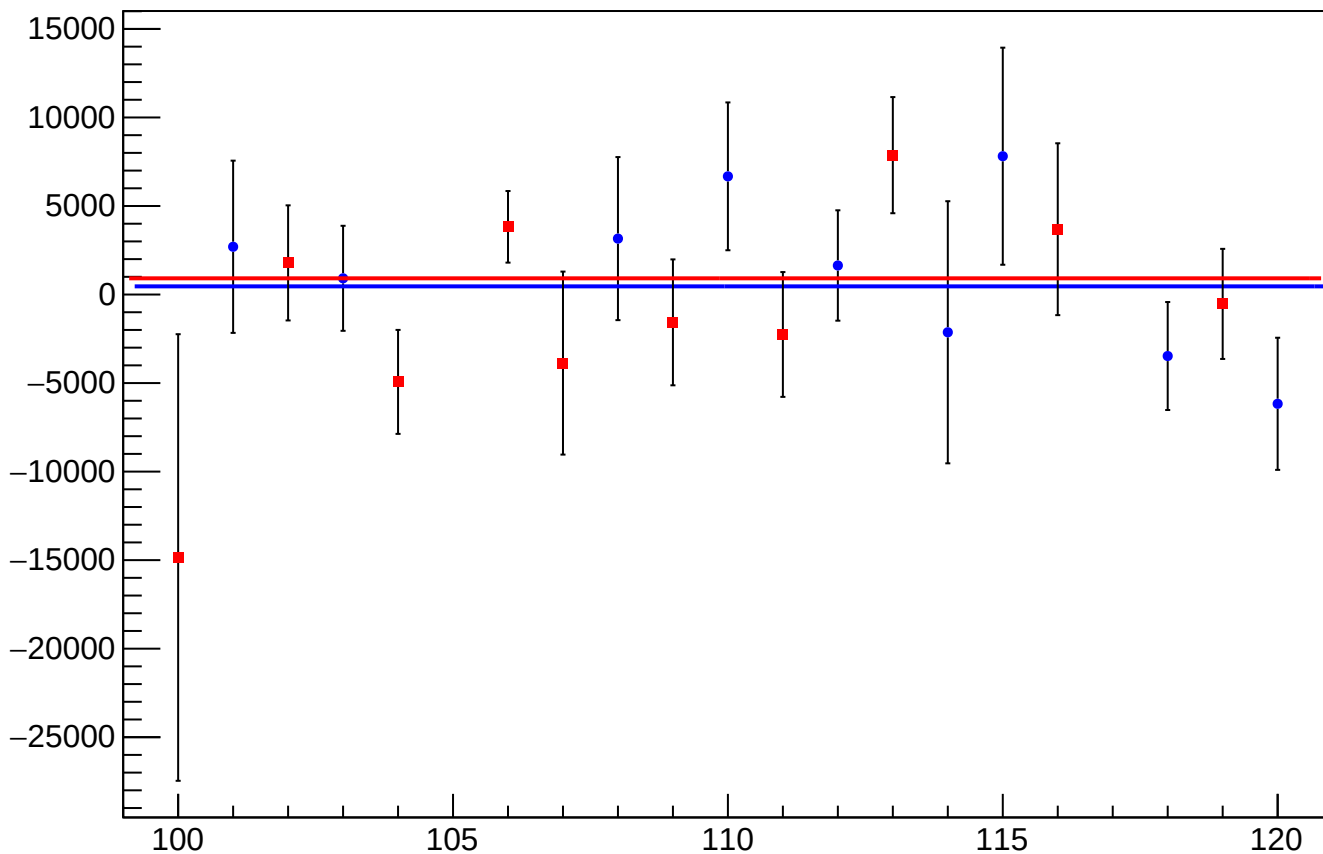
Right: 831.667+/-0.215 χ^2/NDF : 269299.9/18

In: 844.176+/-0.317 χ^2/NDF : 184504.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 831.667+/-0.215 χ^2/NDF : 269299.9/18

asym_usl_atl2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 461.754+/-1304.425 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 915.601+/-1055.529 χ^2/NDF : 14.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

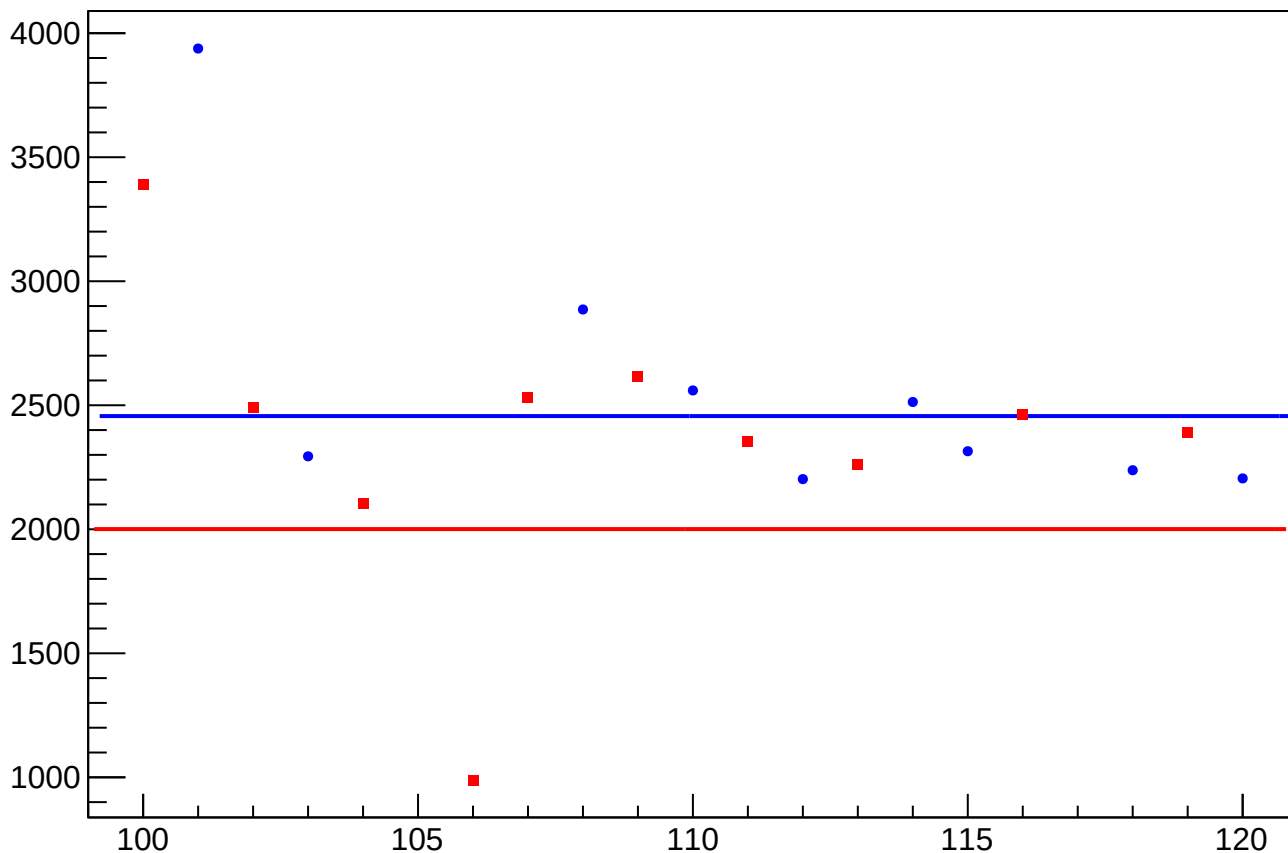
Right: 736.016+/-820.538 χ^2/NDF : 24.3/18

In: 461.754+/-1304.425 χ^2/NDF :9.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 736.016+/-820.538 χ^2/NDF : 24.3/18

asym_usl_atl2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2456.358+/-0.922 χ^2/NDF : 244090.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2000.770+/-0.746 χ^2/NDF : 737815.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

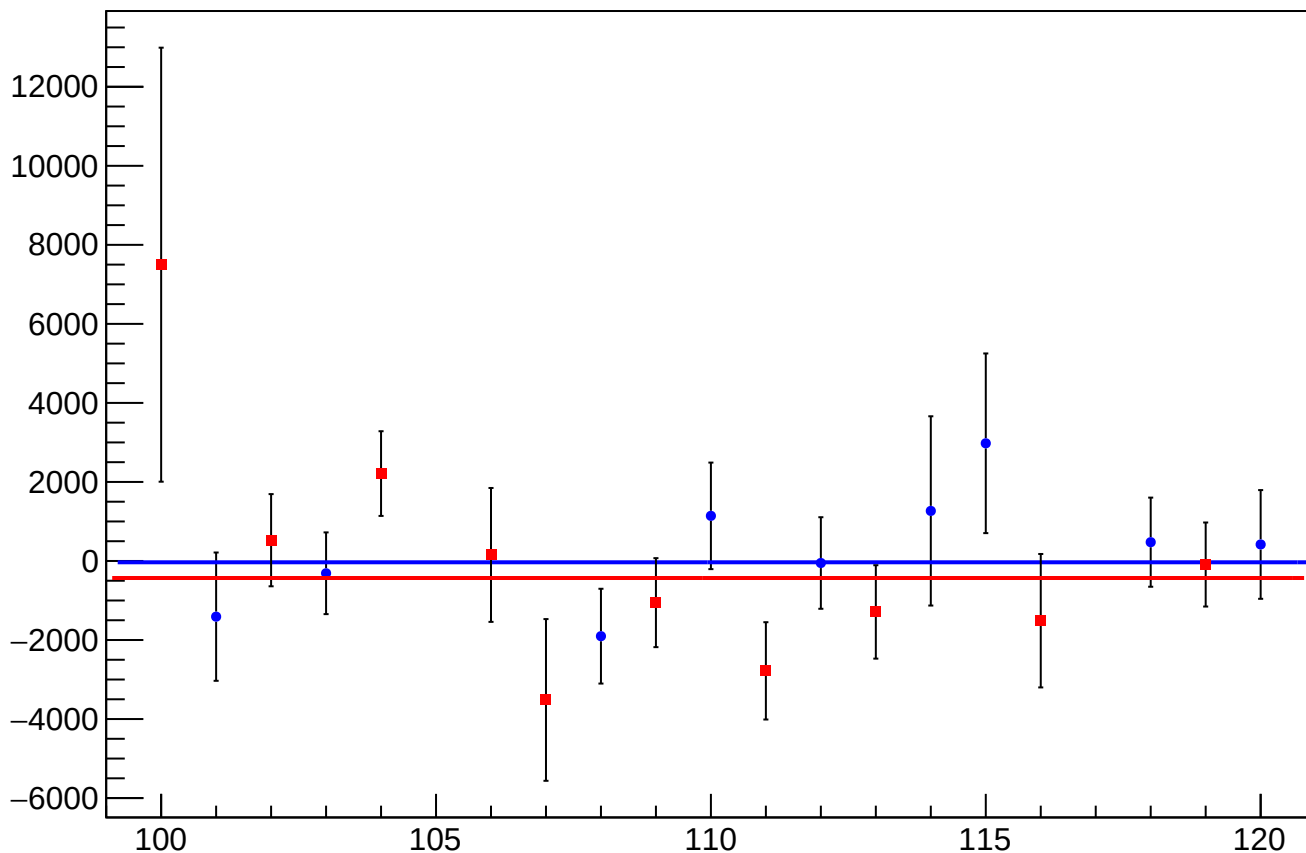
Right: 2181.044+/-0.580 χ^2/NDF : 1129339.1/18

In: 2456.358+/-0.922 χ^2/NDF : 244090.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2181.044+/-0.580 χ^2/NDF : 1129339.1/18

cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -33.231+/-447.764 χ^2/NDF : 6.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -430.920+/-421.616 χ^2/NDF : 16.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

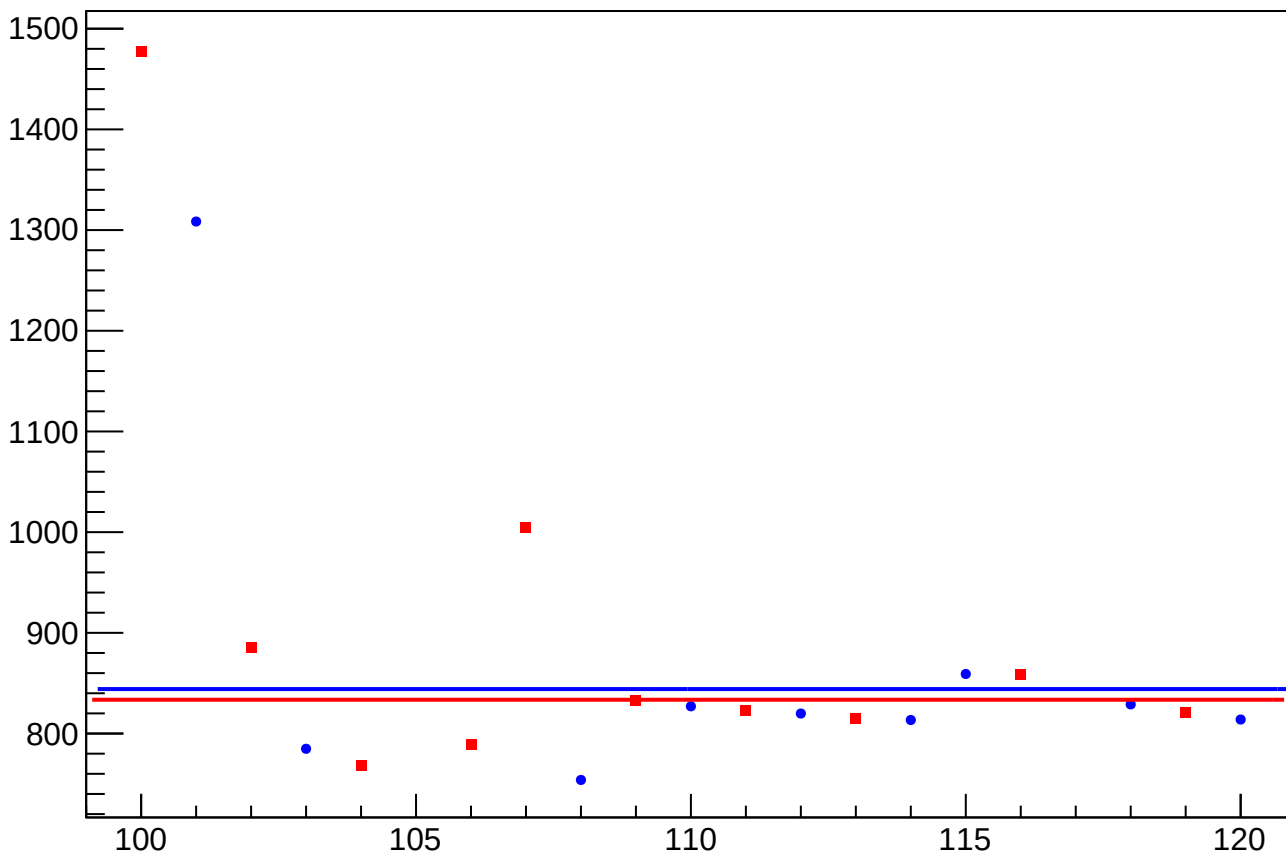
Right: -244.026+/-306.955 χ^2/NDF : 23.0/18

In: -33.231+/-447.764 χ^2/NDF : 6.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -244.026+/-306.955 χ^2/NDF : 23.0/18

cor_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 844.175+/-0.317 χ^2/NDF : 184503.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 833.560+/-0.296 χ^2/NDF : 56066.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

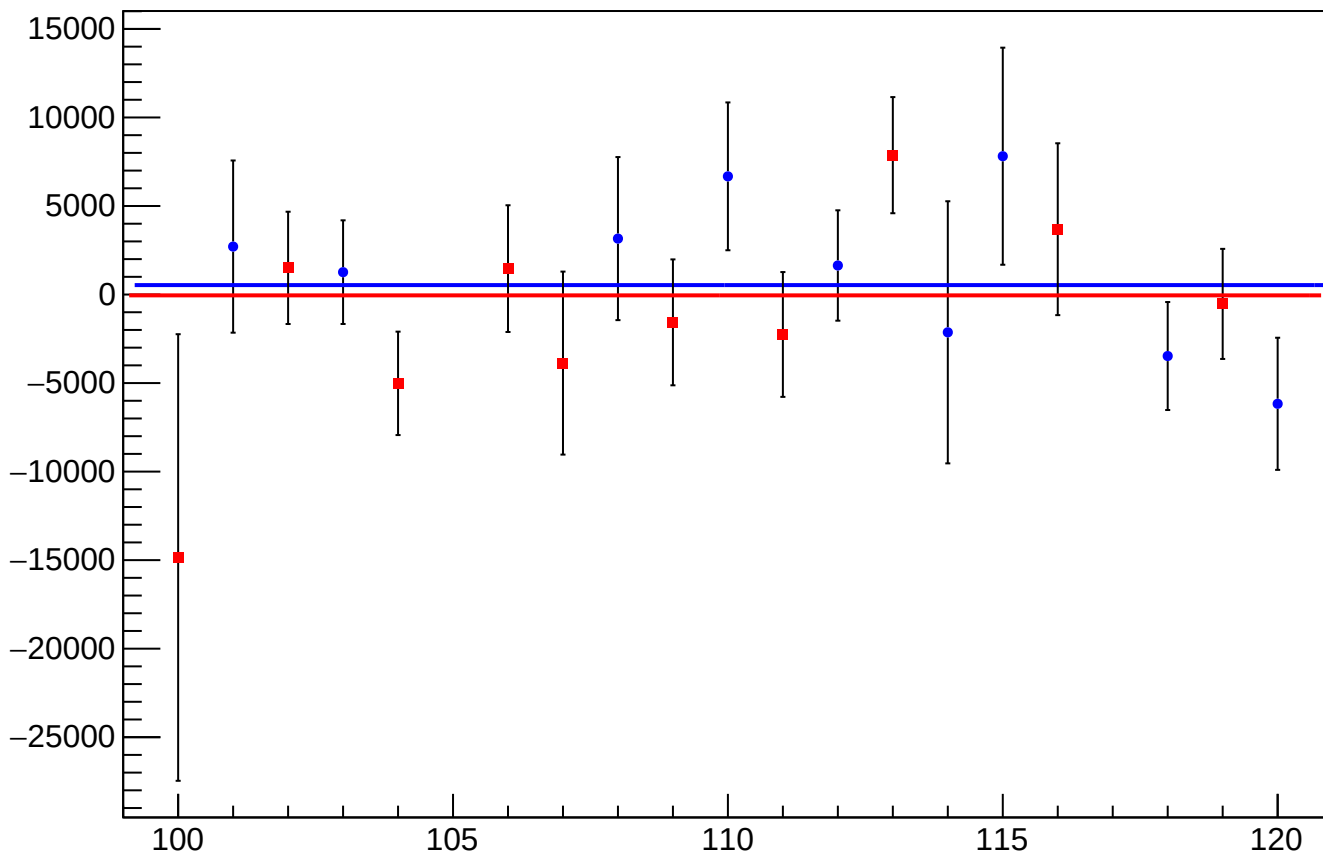
Right: 838.502+/-0.216 χ^2/NDF : 241171.3/18

In: 844.175+/-0.317 χ^2/NDF : 184503.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 838.502+/-0.216 χ^2/NDF : 241171.3/18

asym_usl_atl2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 533.462+/-1301.061 χ^2 /NDF: 9.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -46.878+/-1164.822 χ^2 /NDF: 12.3/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

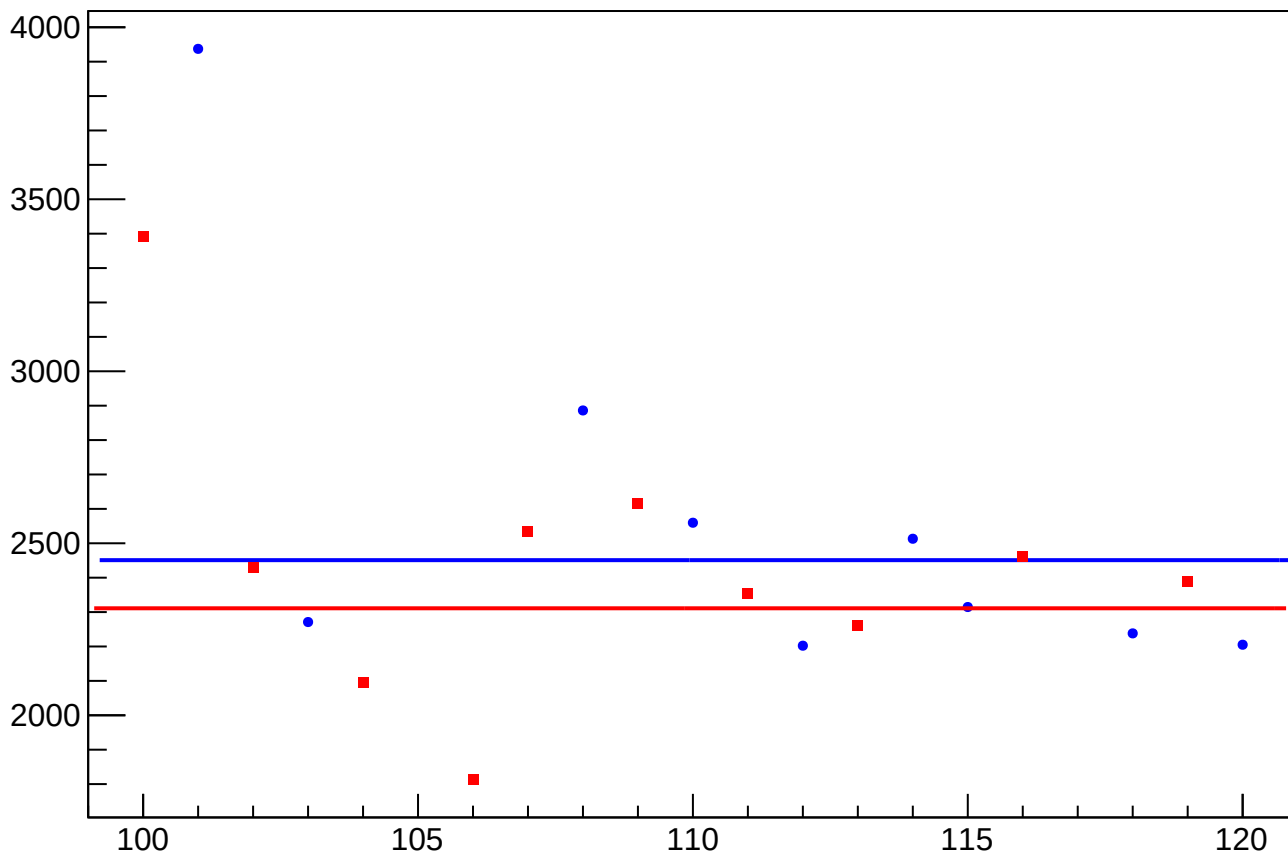
Right: 211.326+/-867.836 χ^2 /NDF: 21.7/18

In: 533.462+/-1301.061 χ^2 /NDF:9.4/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 211.326+/-867.836 χ^2 /NDF: 21.7/18

asym_usl_atl2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2450.945+/-0.920 χ^2/NDF : 245938.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2311.019+/-0.824 χ^2/NDF : 89817.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

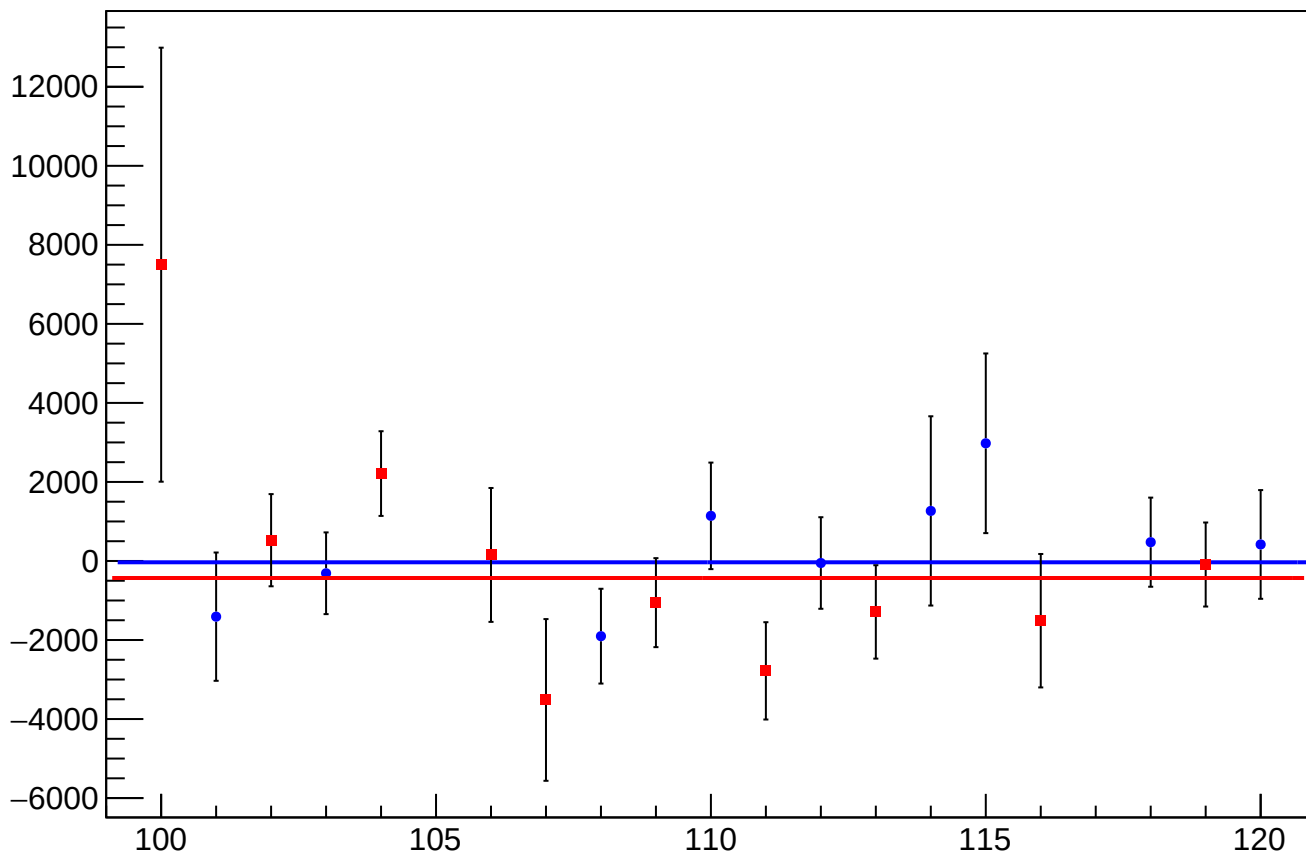
Right: 2373.275+/-0.614 χ^2/NDF : 348596.6/18

In: 2450.945+/-0.920 χ^2/NDF : 245938.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2373.275+/-0.614 χ^2/NDF : 348596.6/18

eigen_cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -33.231+/-447.764 χ^2/NDF : 6.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -430.920+/-421.616 χ^2/NDF : 16.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

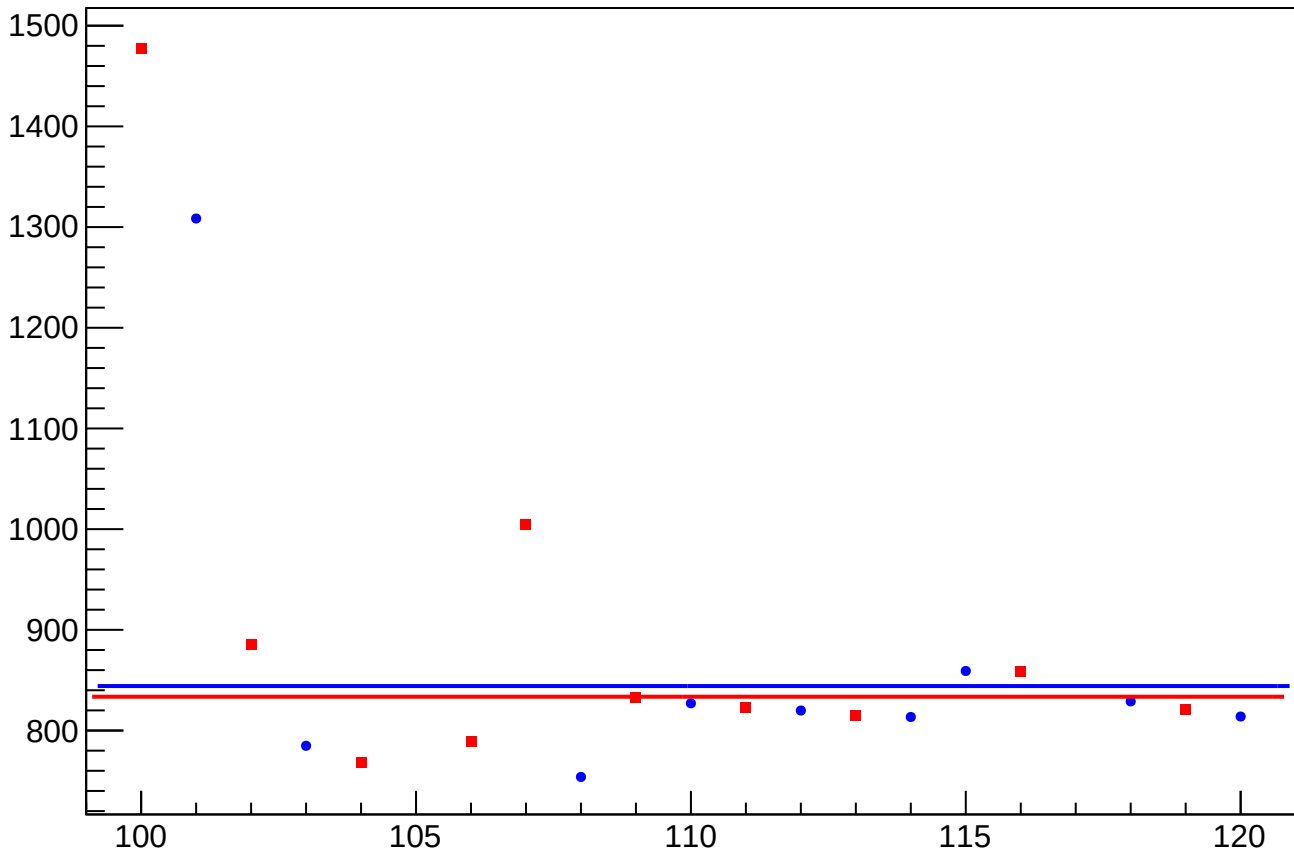
Right: -244.026+/-306.955 χ^2/NDF : 23.0/18

In: -33.231+/-447.764 χ^2/NDF : 6.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -244.026+/-306.955 χ^2/NDF : 23.0/18

eigen_cor_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 844.175+/-0.317 χ^2/NDF : 184503.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 833.560+/-0.296 χ^2/NDF : 56066.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

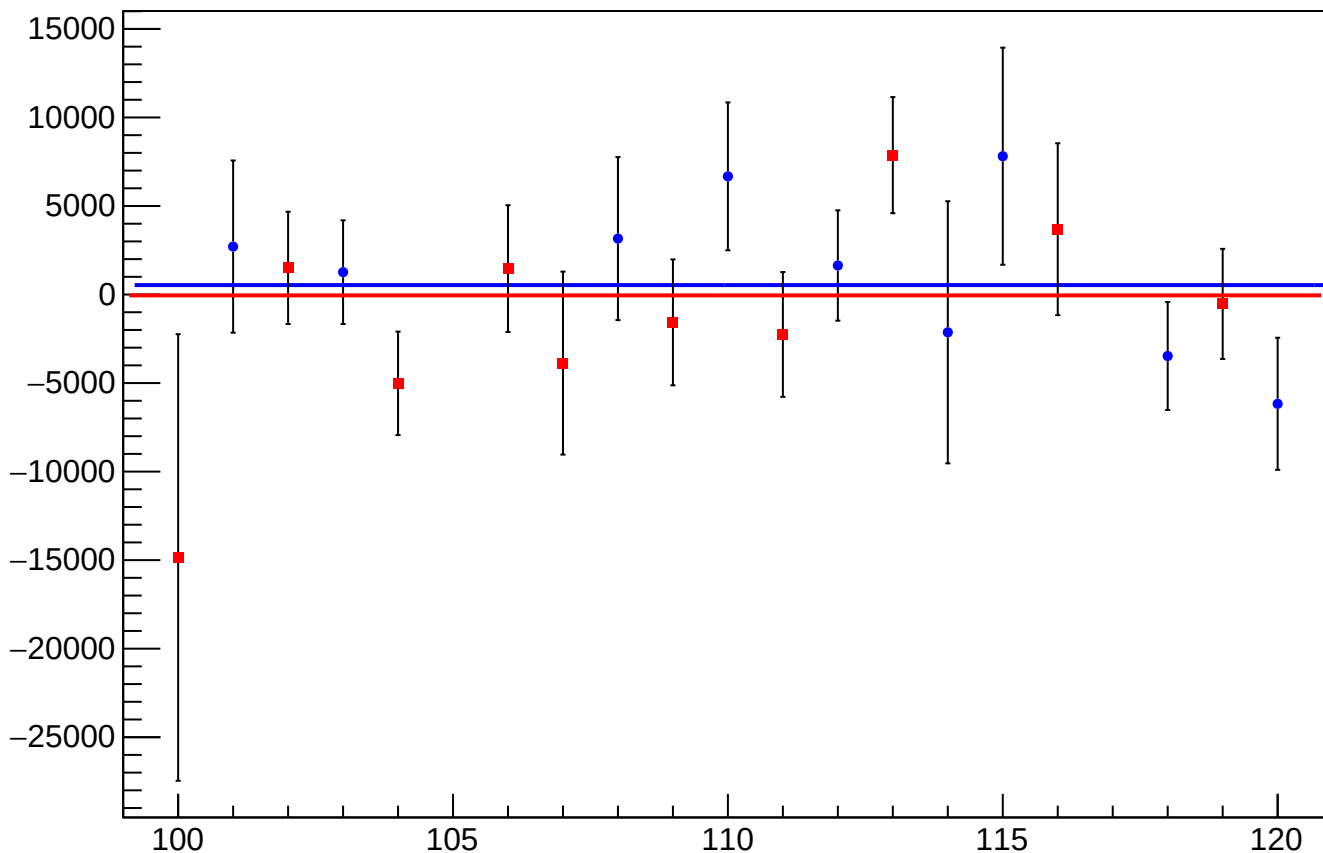
Right: 838.502+/-0.216 χ^2/NDF : 241171.3/18

In: 844.175+/-0.317 χ^2/NDF : 184503.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 838.502+/-0.216 χ^2/NDF : 241171.3/18

asym_usl_atl2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 533.462+/-1301.061 χ^2 /NDF: 9.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -46.878+/-1164.822 χ^2 /NDF: 12.3/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

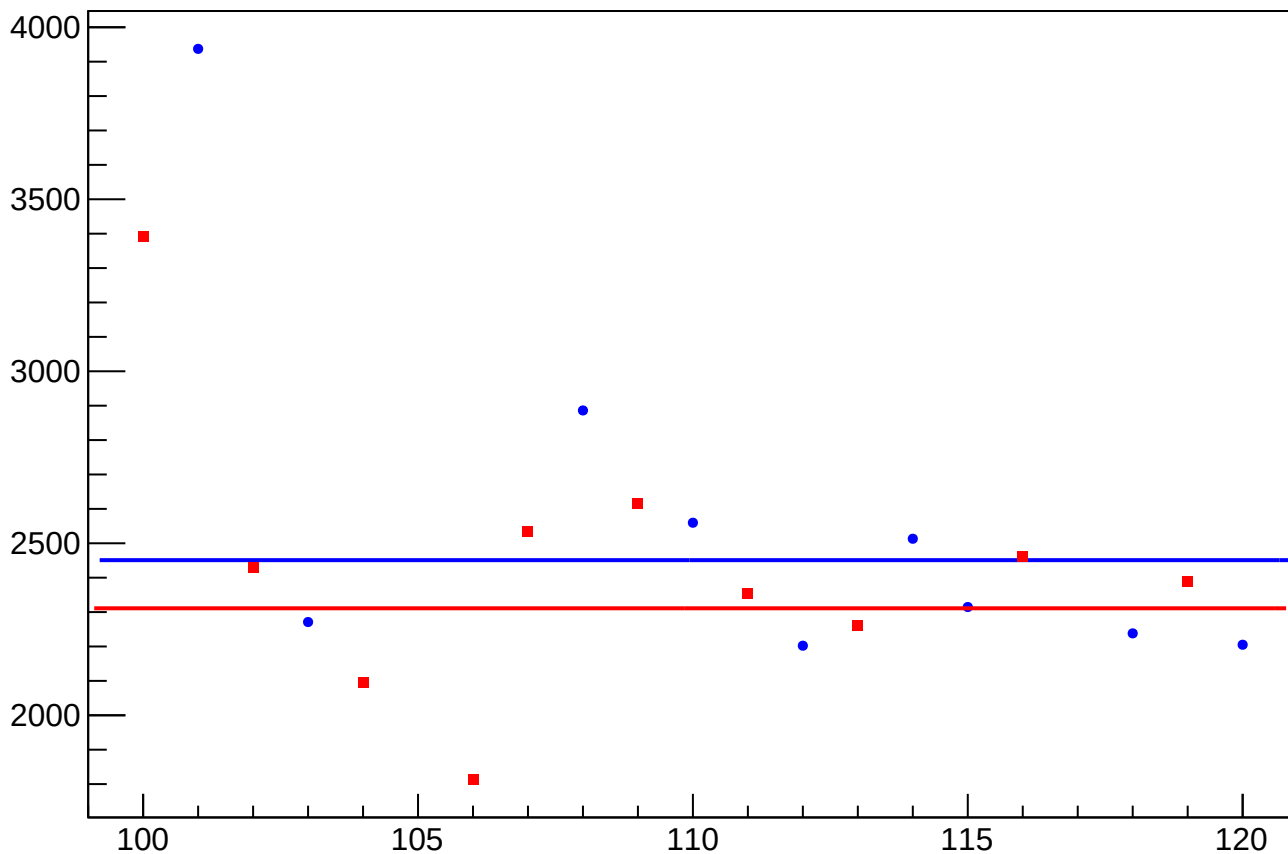
Right: 211.326+/-867.836 χ^2 /NDF: 21.7/18

In: 533.462+/-1301.061 χ^2 /NDF:9.4/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 211.326+/-867.836 χ^2 /NDF: 21.7/18

asym_usl_atl2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2450.945+/-0.920 χ^2/NDF : 245938.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2311.019+/-0.824 χ^2/NDF : 89817.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

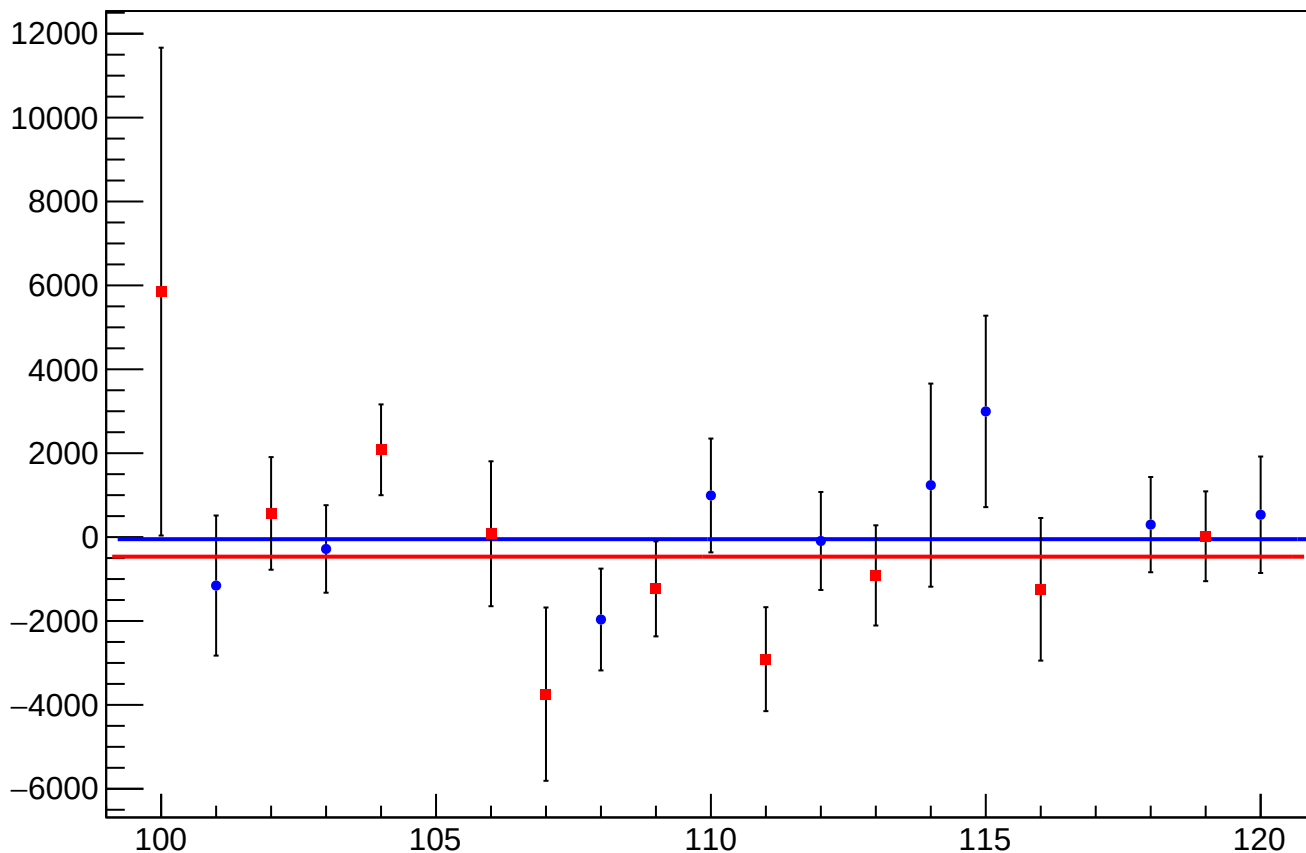
Right: 2373.275+/-0.614 χ^2/NDF : 348596.6/18

In: 2450.945+/-0.920 χ^2/NDF : 245938.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2373.275+/-0.614 χ^2/NDF : 348596.6/18

dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -49.776+/-452.180 χ^2/NDF : 5.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -466.303+/-432.036 χ^2/NDF : 14.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

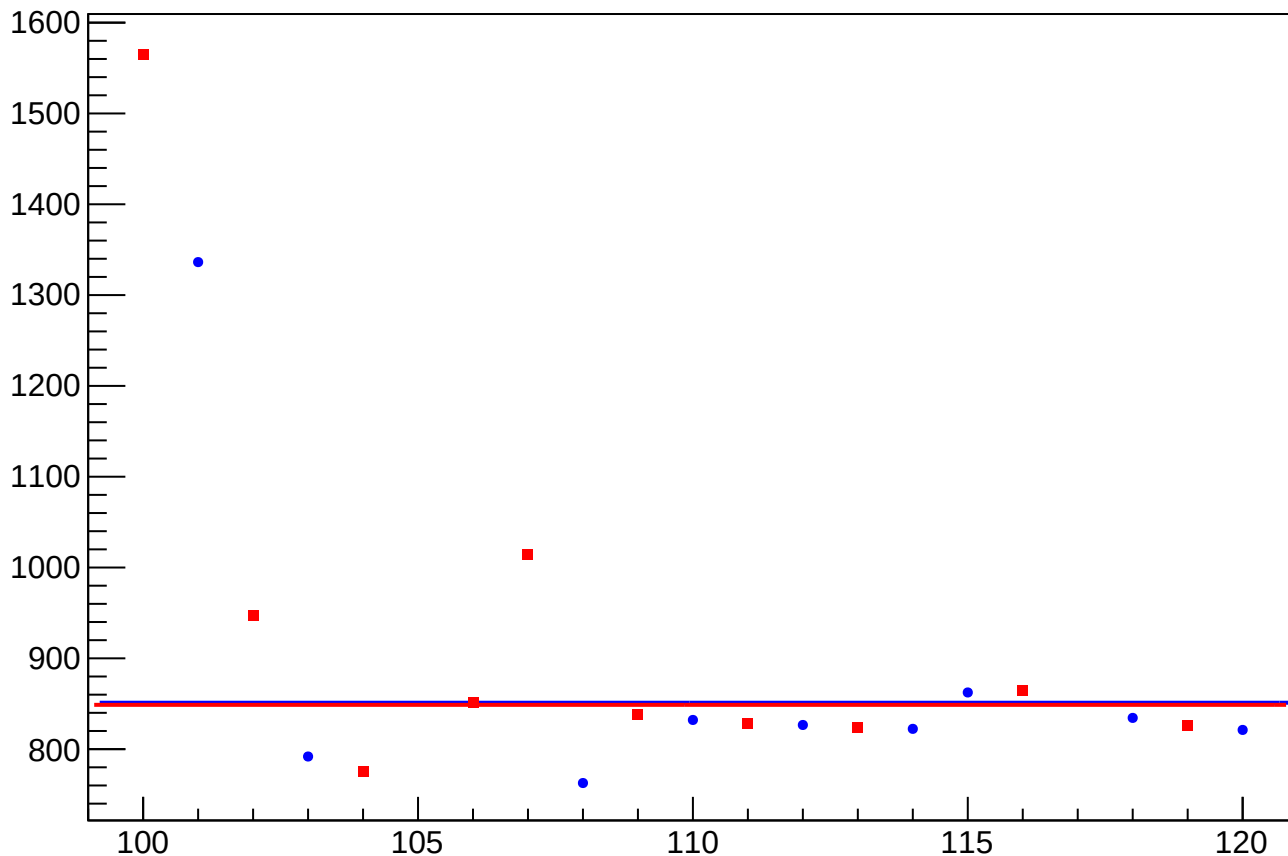
Right: -267.523+/-312.374 χ^2/NDF : 21.2/18

In: -49.776+/-452.180 χ^2/NDF :5.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -267.523+/-312.374 χ^2/NDF : 21.2/18

dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 851.126+/-0.320 χ^2/NDF : 188868.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 848.796+/-0.305 χ^2/NDF : 65829.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

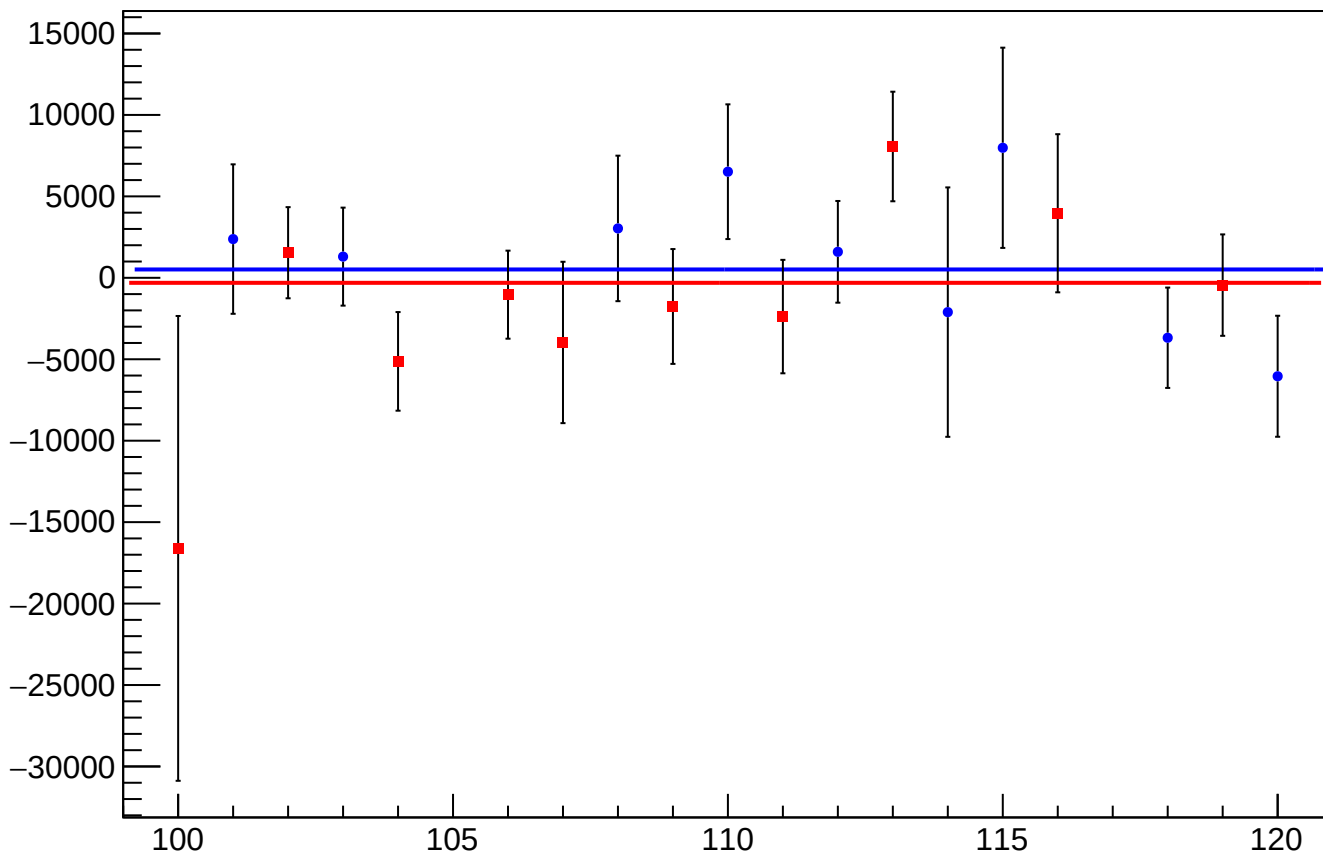
Right: 849.906+/-0.221 χ^2/NDF : 254726.1/18

In: 851.126+/-0.320 χ^2/NDF : 188868.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 849.906+/-0.221 χ^2/NDF : 254726.1/18

asym_usl_atl2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 512.889+/-1301.253 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -307.588+/-1106.775 χ^2/NDF : 12.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

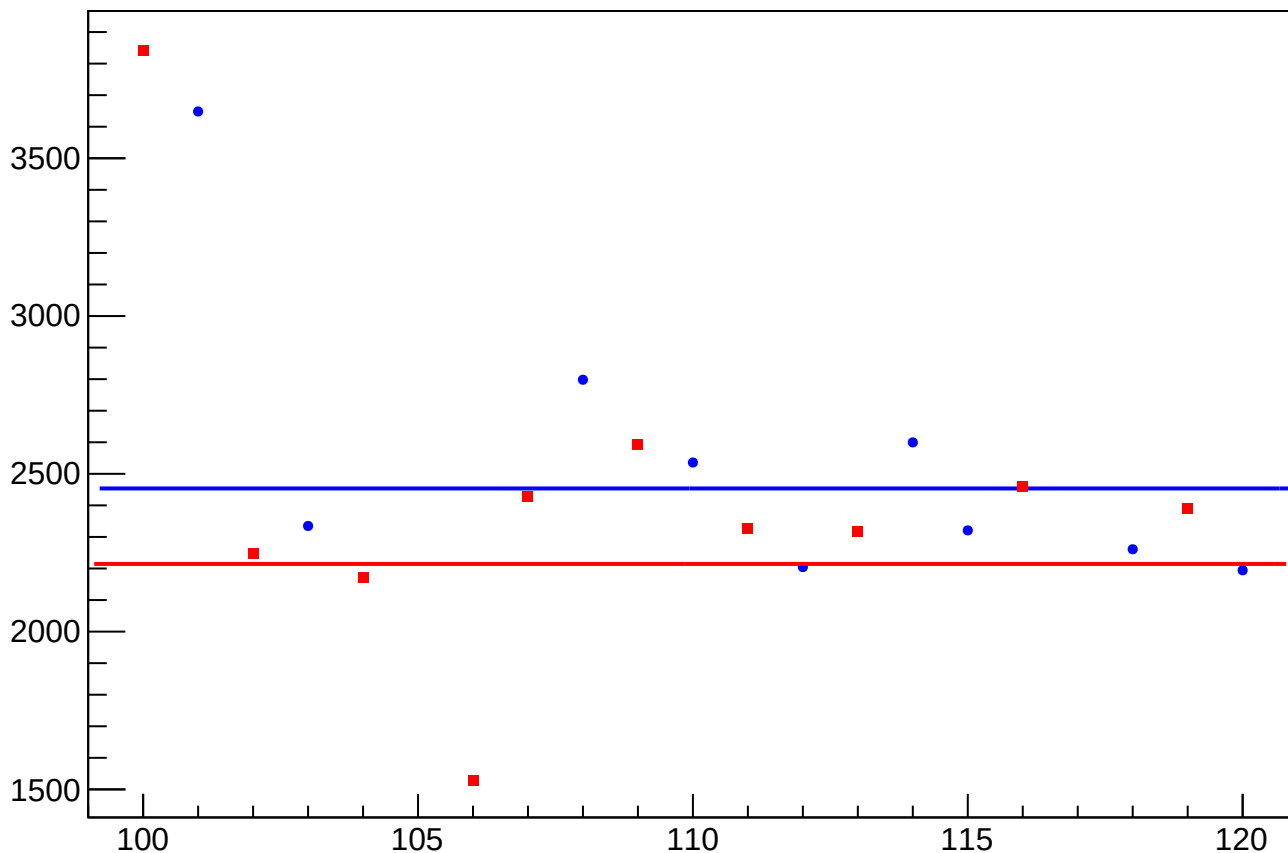
Right: 36.816+/-843.068 χ^2/NDF : 22.0/18

In: 512.889+/-1301.253 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.816+/-843.068 χ^2/NDF : 22.0/18

asym_usl_atl2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2453.627+/-0.920 χ^2/NDF : 183402.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2214.485+/-0.783 χ^2/NDF : 197592.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

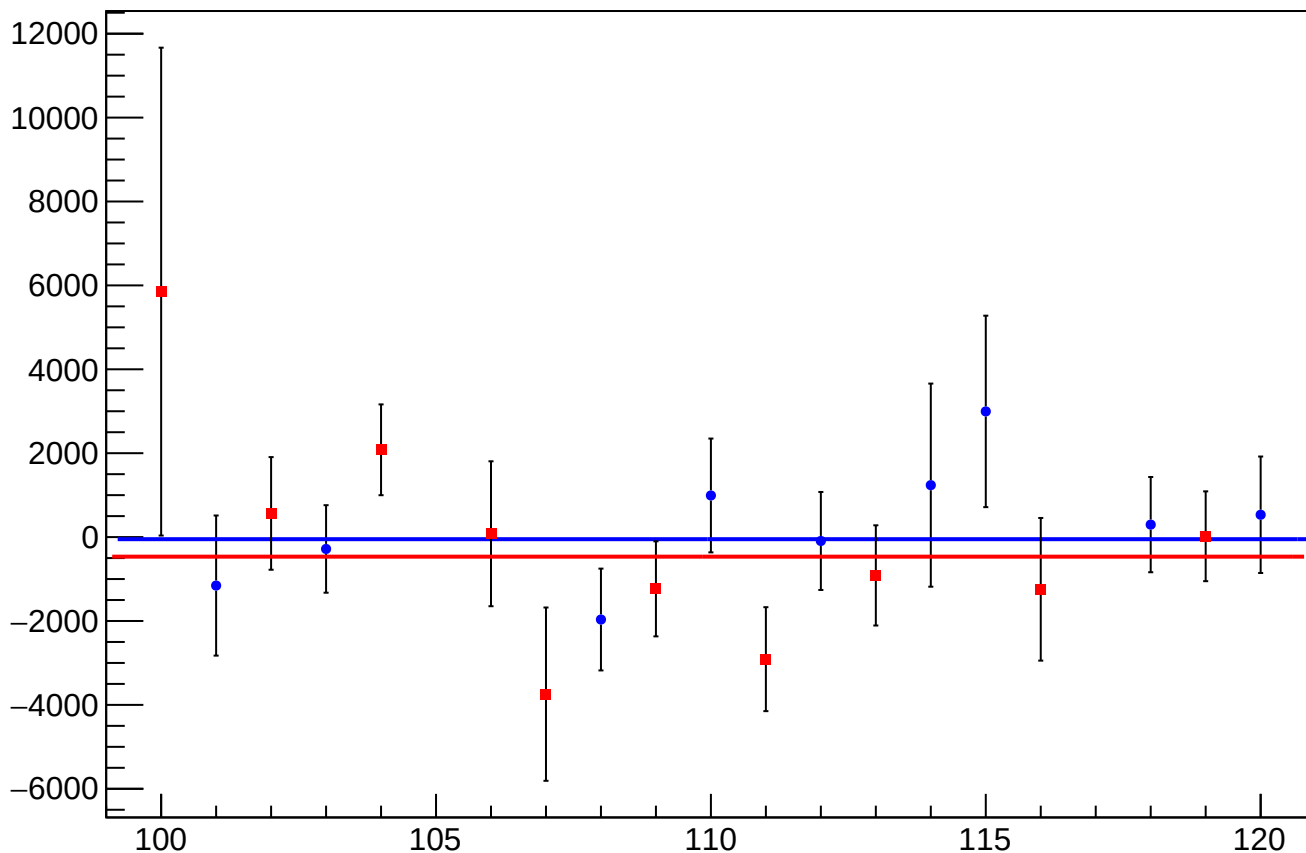
Right: 2314.868+/-0.596 χ^2/NDF : 420189.9/18

In: 2453.627+/-0.920 χ^2/NDF : 183402.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2314.868+/-0.596 χ^2/NDF : 420189.9/18

eigen_dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -49.777+/-452.180 χ^2/NDF : 5.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -466.312+/-432.036 χ^2/NDF : 14.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

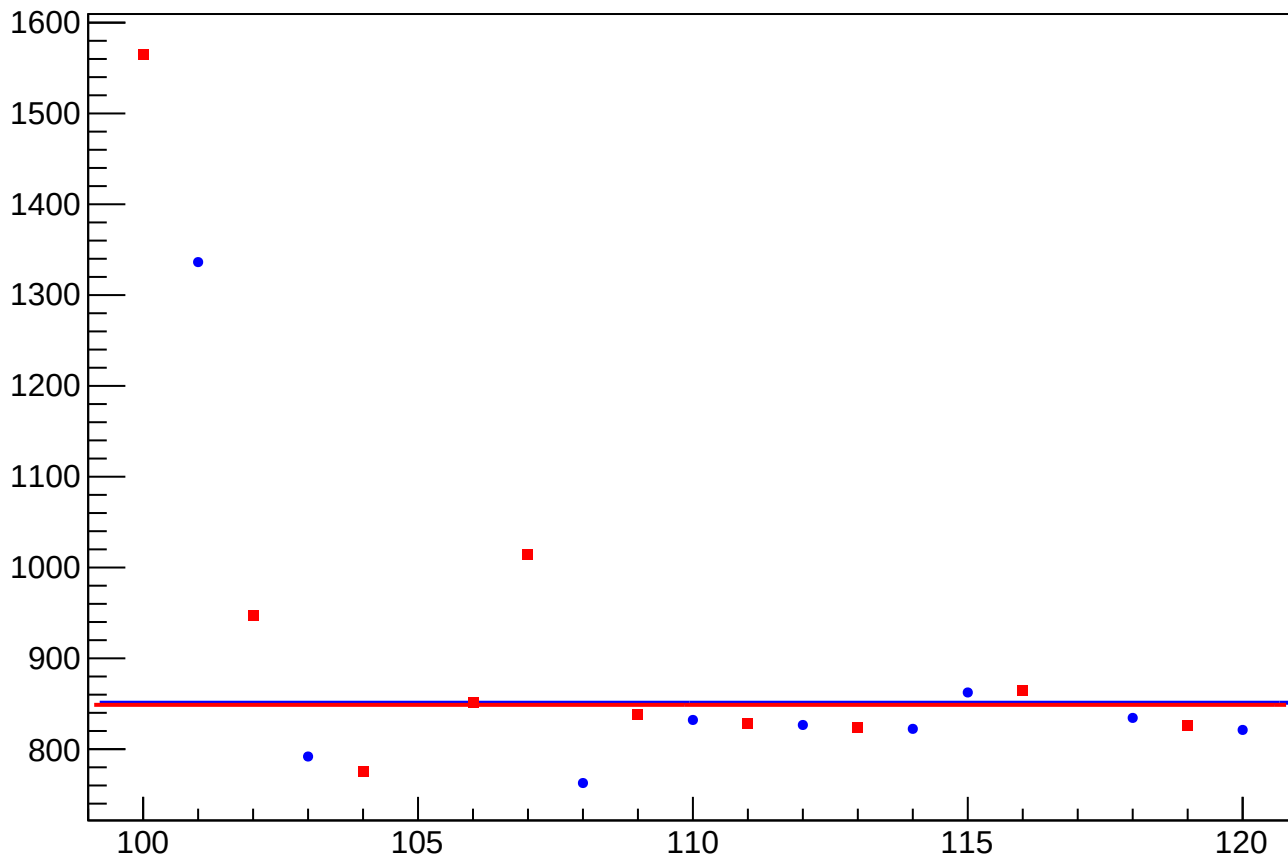
Right: -267.529+/-312.374 χ^2/NDF : 21.2/18

In: -49.777+/-452.180 χ^2/NDF : 5.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -267.529+/-312.374 χ^2/NDF : 21.2/18

eigen_dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 851.126+/-0.320 χ^2/NDF : 188868.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 848.797+/-0.305 χ^2/NDF : 65829.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

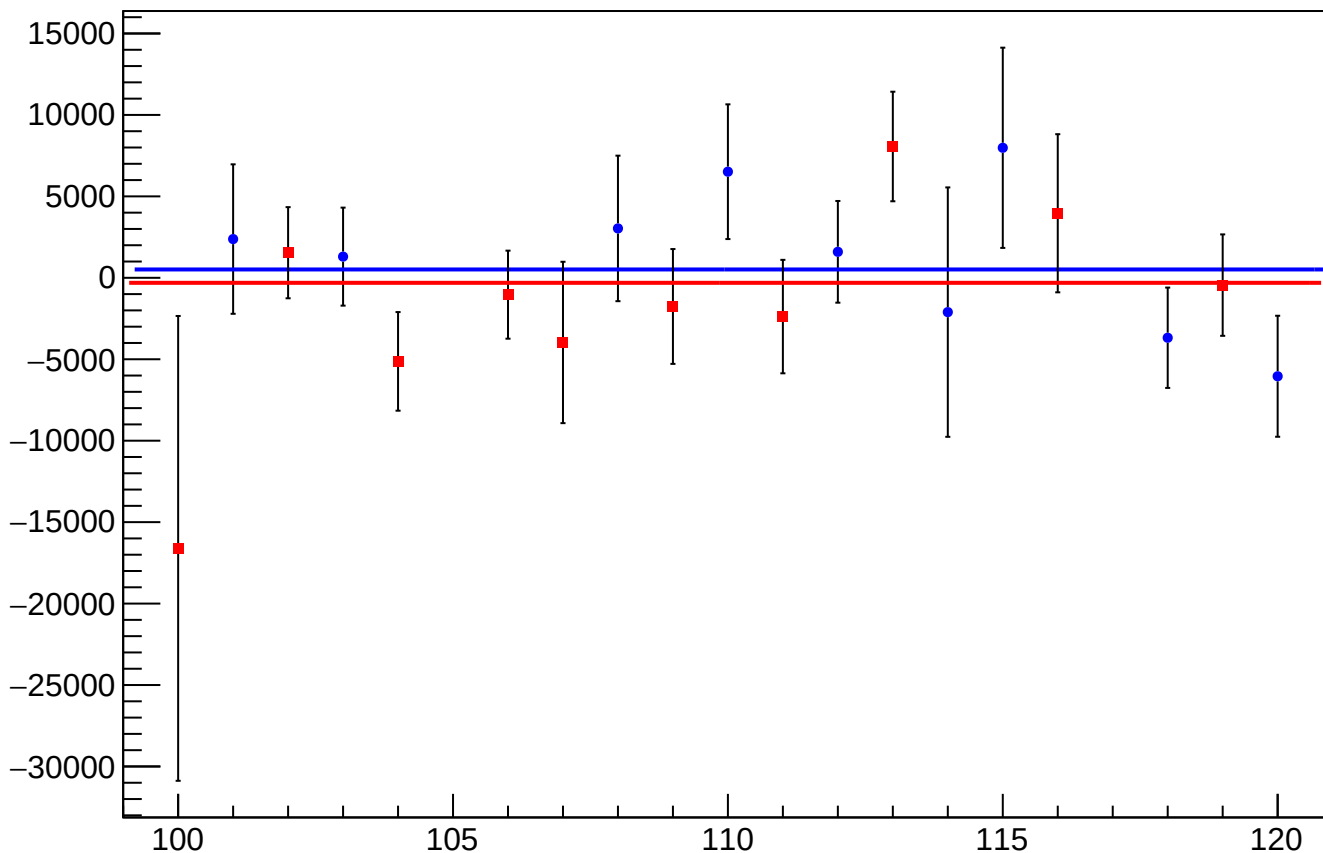
Right: 849.906+/-0.221 χ^2/NDF : 254725.5/18

In: 851.126+/-0.320 χ^2/NDF : 188868.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 849.906+/-0.221 χ^2/NDF : 254725.5/18

asym_usl_atl2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 512.881+/-1301.248 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -307.590+/-1106.771 χ^2/NDF : 12.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

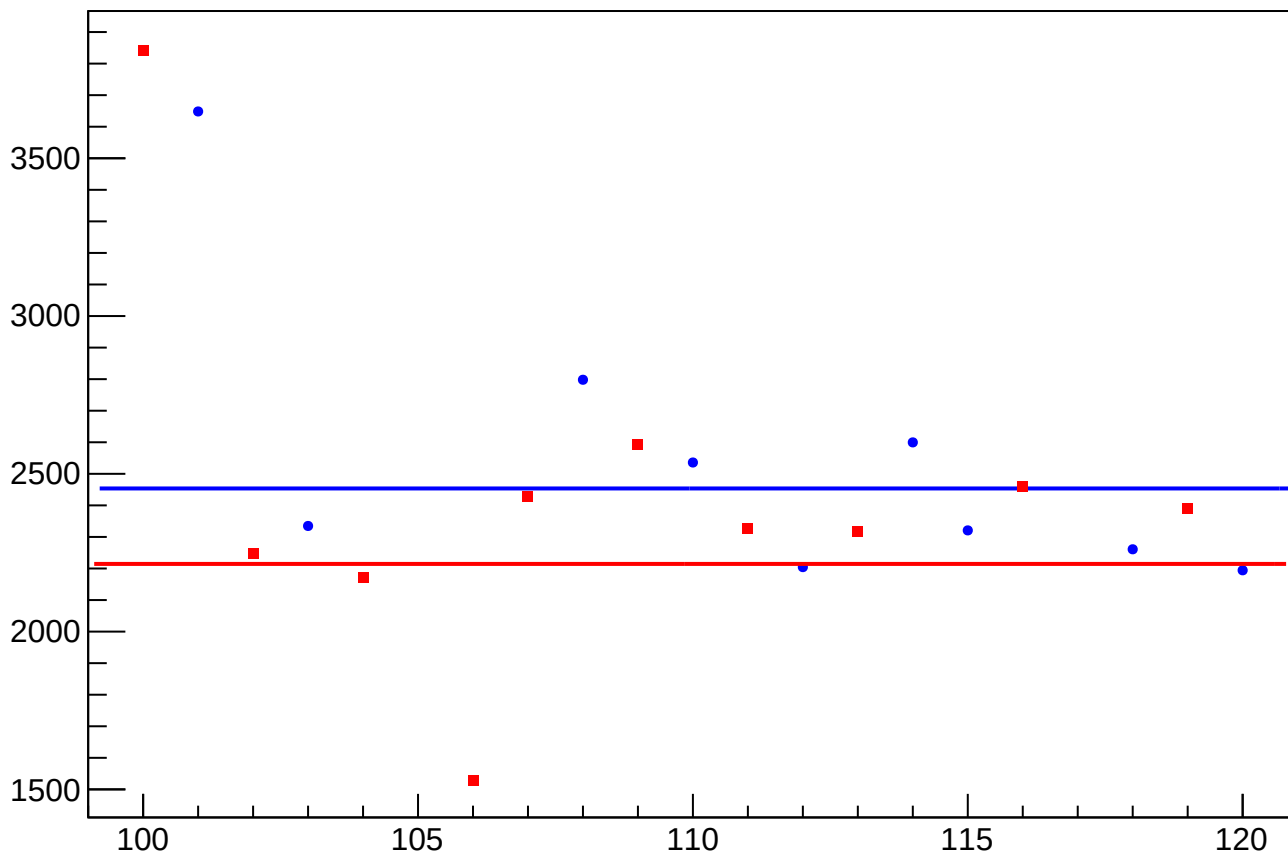
Right: 36.812+/-843.065 χ^2/NDF : 22.0/18

In: 512.881+/-1301.248 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.812+/-843.065 χ^2/NDF : 22.0/18

asym_usl_atl2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2453.617+/-0.920 χ^2/NDF : 183404.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2214.479+/-0.783 χ^2/NDF : 197593.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

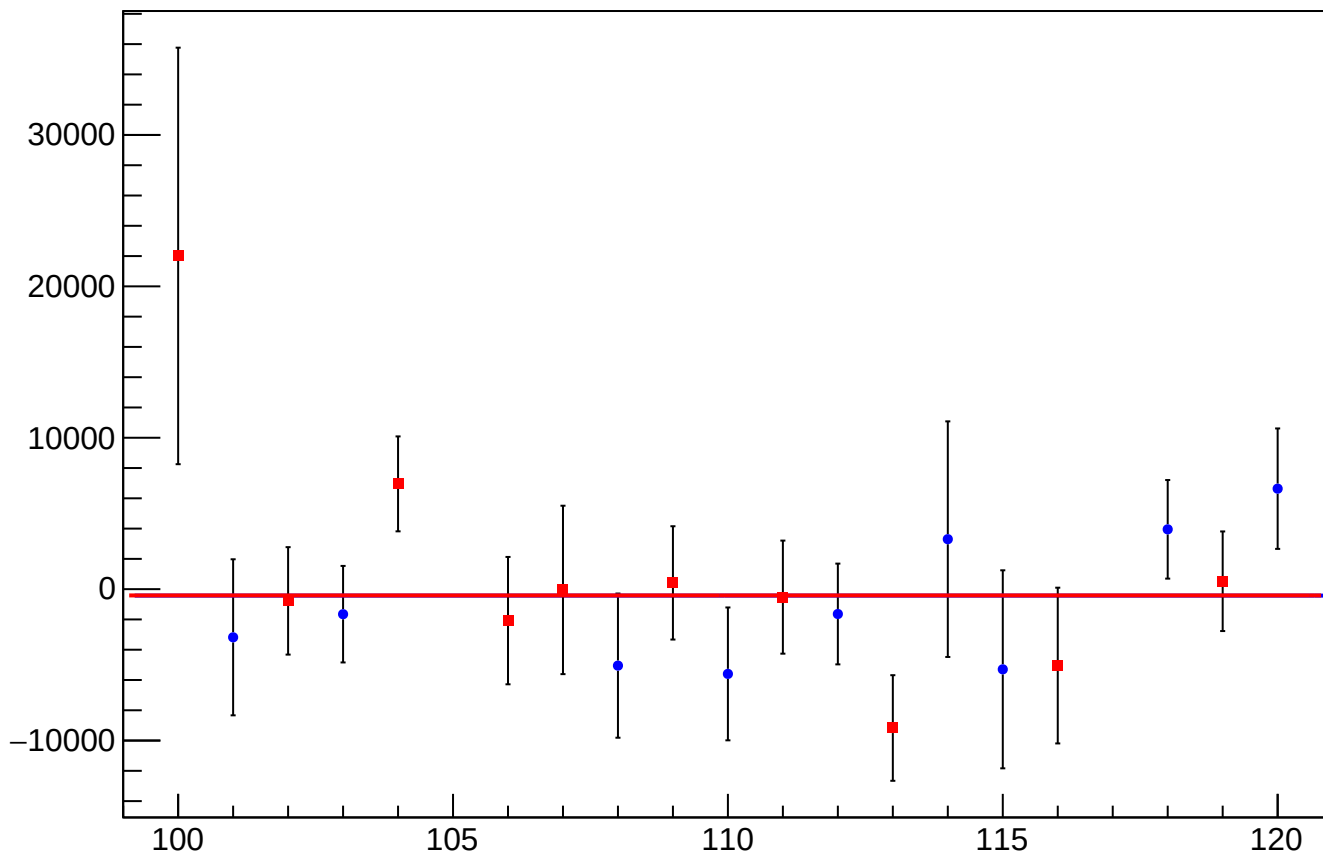
Right: 2314.860+/-0.596 χ^2/NDF : 420192.5/18

In: 2453.617+/-0.920 χ^2/NDF : 183404.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2314.860+/-0.596 χ^2/NDF : 420192.5/18

asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -425.601+/-1386.999 χ^2/NDF : 8.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -414.255+/-1259.041 χ^2/NDF : 15.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

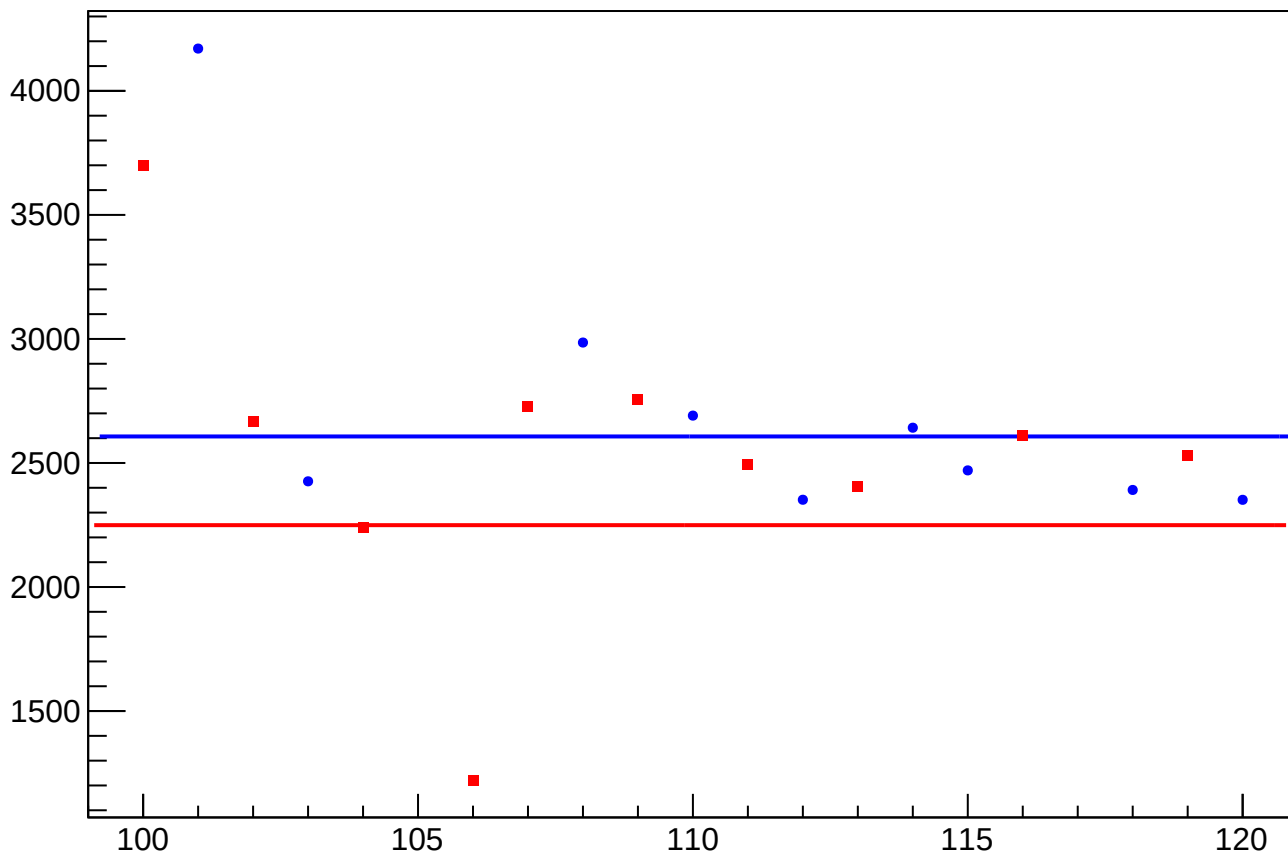
Right: -419.381+/-932.239 χ^2/NDF : 24.2/18

In: -425.601+/-1386.999 χ^2/NDF : 8.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -419.381+/-932.239 χ^2/NDF : 24.2/18

asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 2606.922+/-0.981 χ^2/NDF : 233590.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2249.333+/-0.827 χ^2/NDF : 471027.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

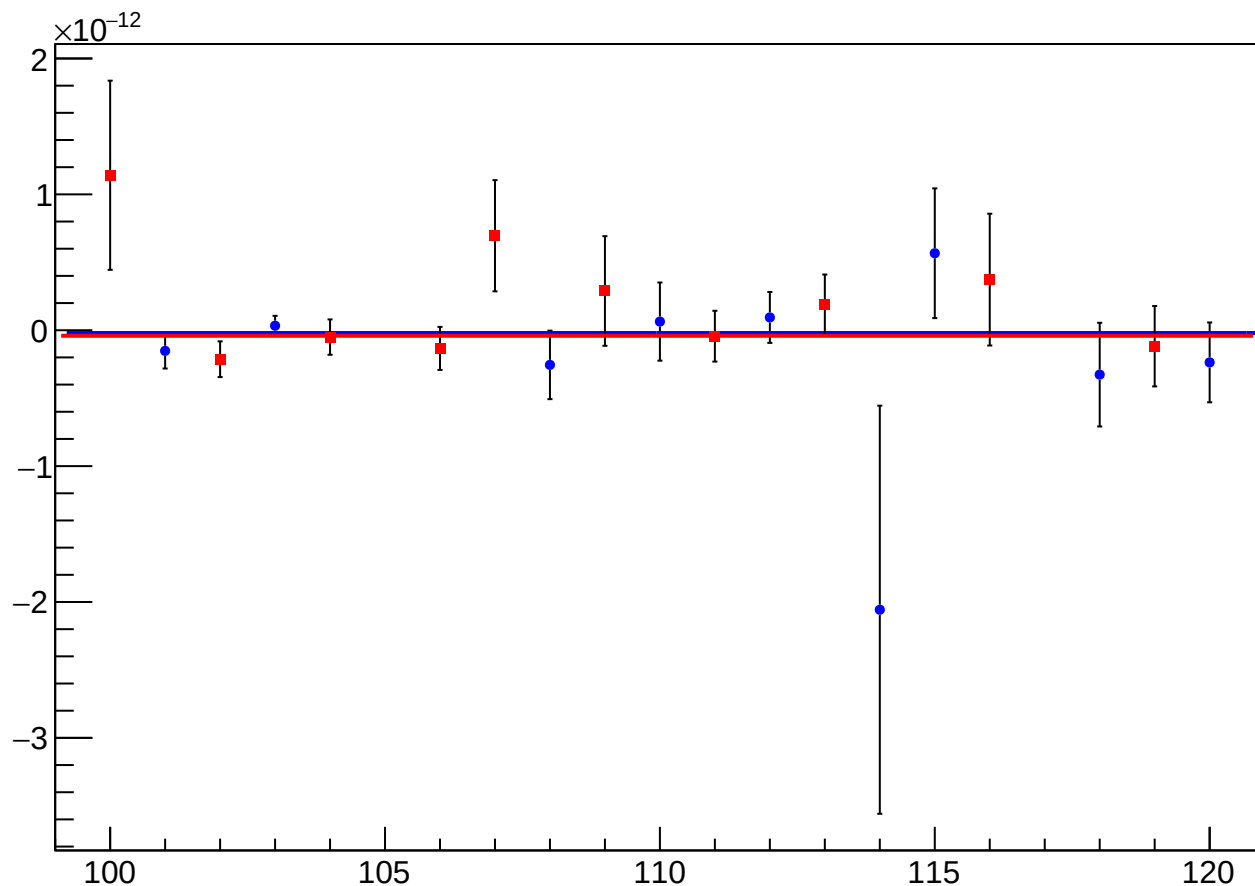
Right: 2397.906+/-0.632 χ^2/NDF : 782321.3/18

In: 2606.922+/-0.981 χ^2/NDF : 233590.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2397.906+/-0.632 χ^2/NDF : 782321.3/18

asym_usl_atl2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

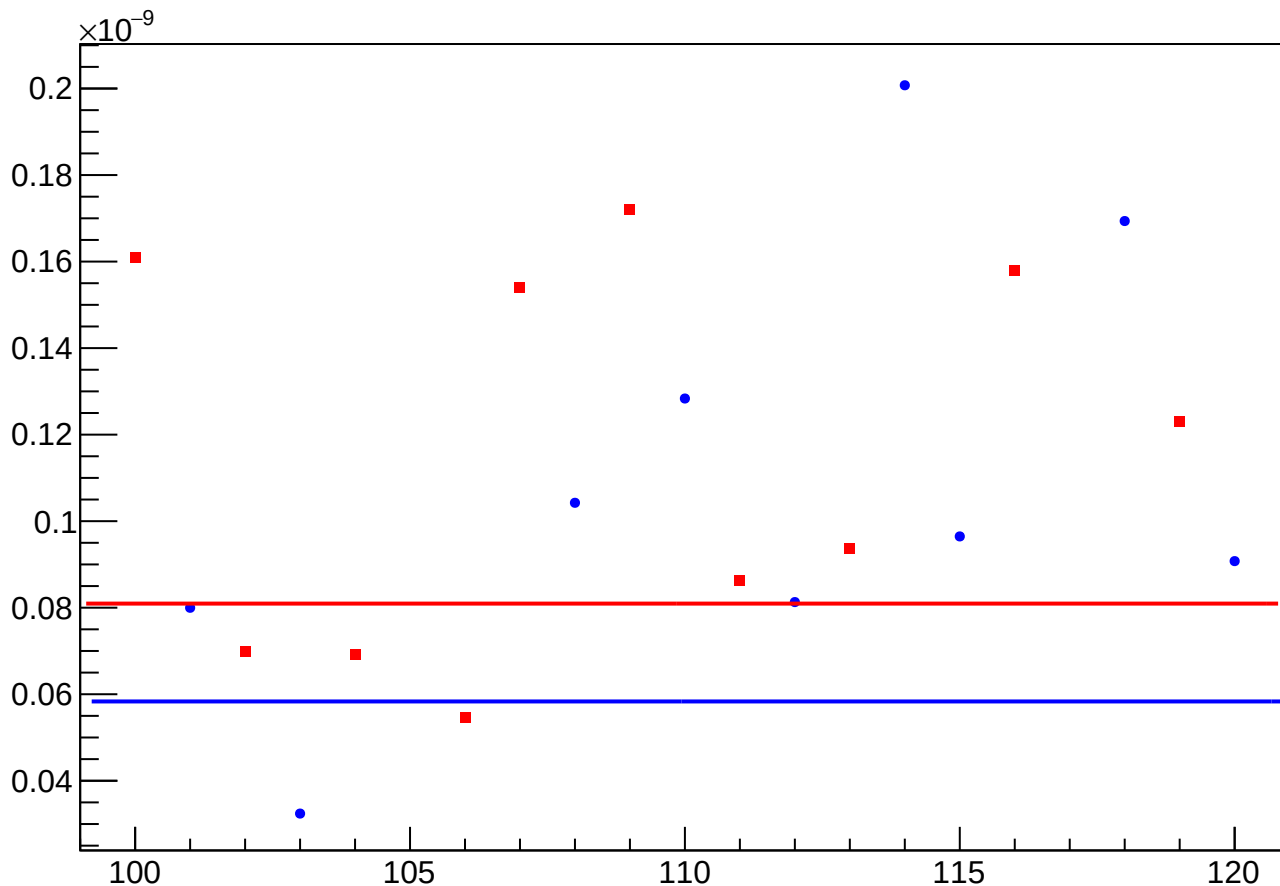
Right: -0.000+/-0.000 χ^2/NDF : 18.2/18

In: -0.000+/-0.000 χ^2/NDF : 7.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.2/18

asym_usl_atl2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 747780.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 377315.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

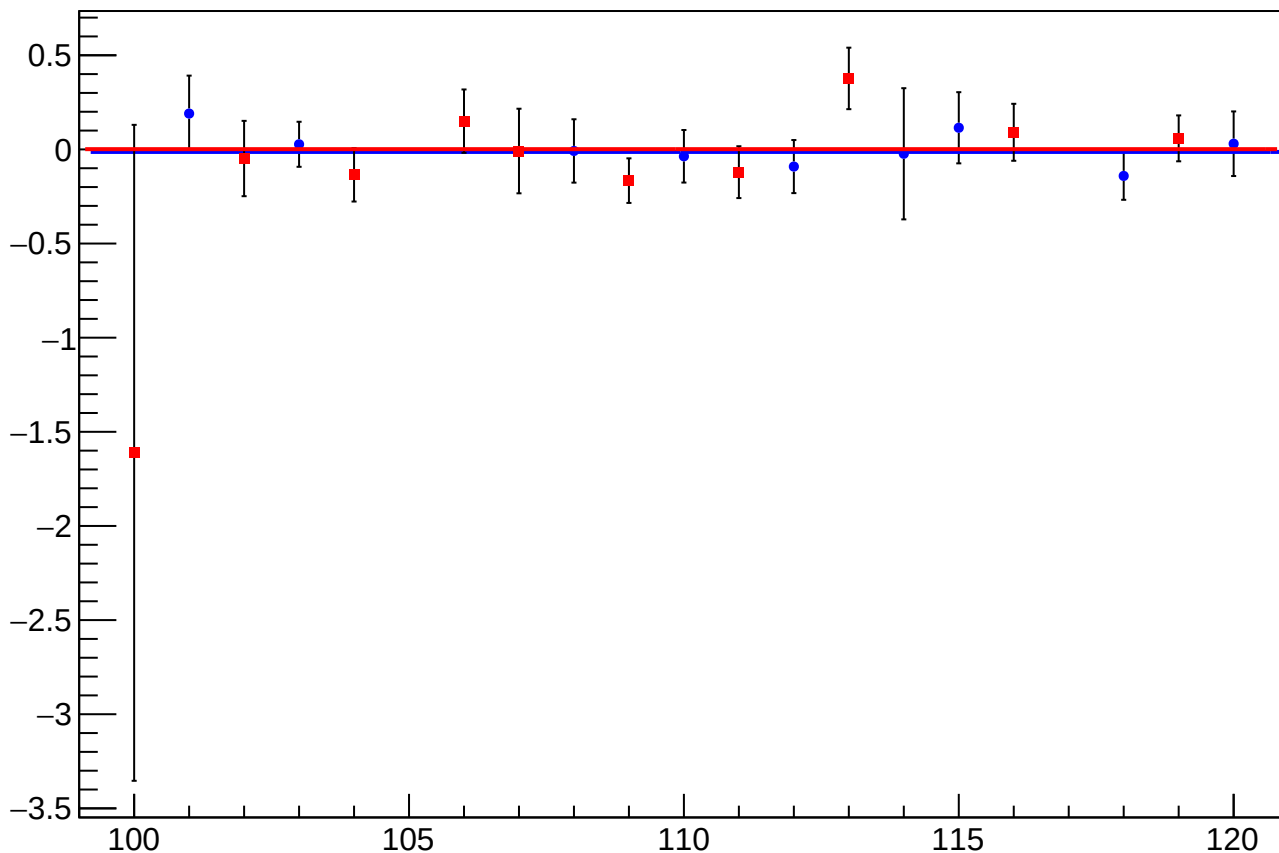
Right: 0.000+/-0.000 χ^2/NDF : 1265238.2/18

In: 0.000+/-0.000 χ^2/NDF : 747780.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1265238.2/18

asym_usl_atl2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 $\pm$ 0.052 χ^2 /NDF: 3.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.050 χ^2 /NDF: 11.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

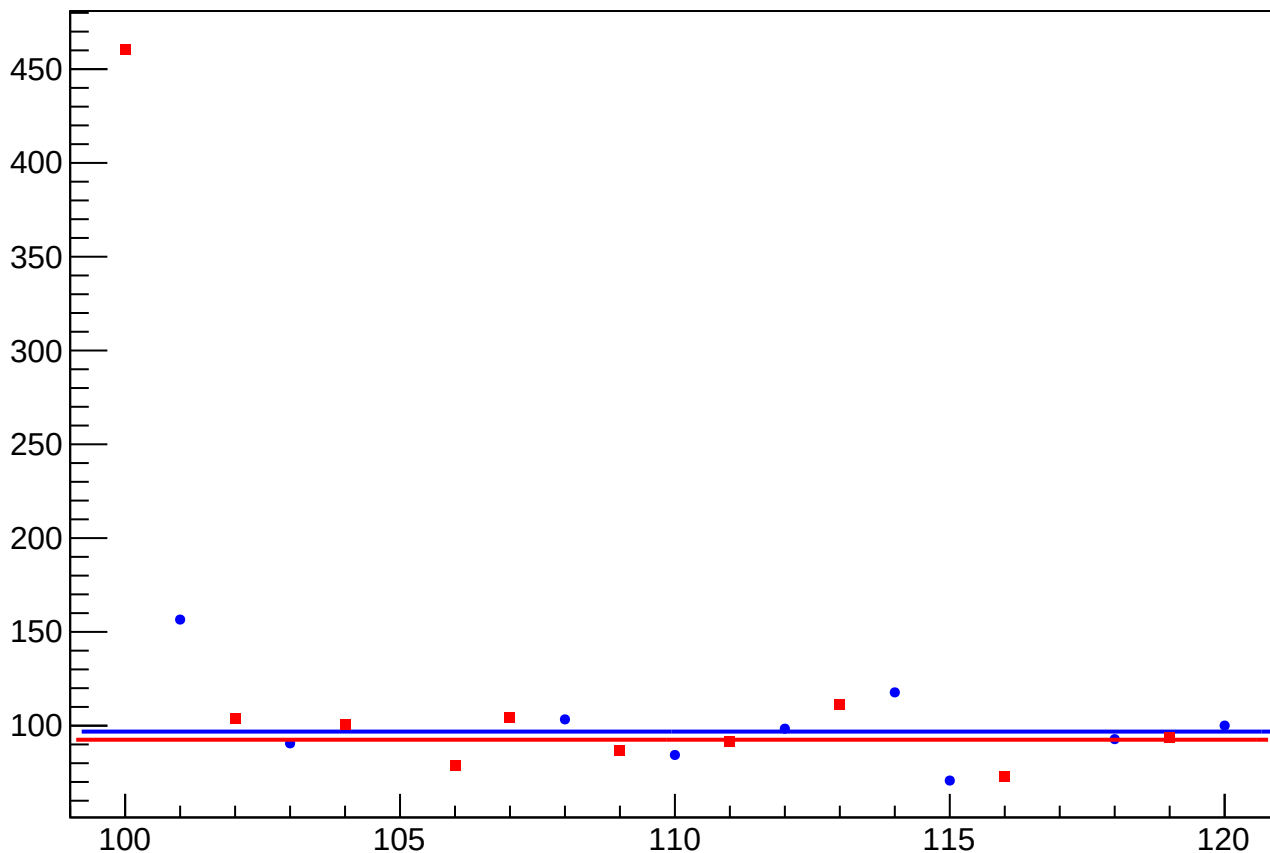
Right: -0.006 $\pm$ 0.036 χ^2 /NDF: 14.3/18

In: -0.013 $\pm$ 0.052 χ^2 /NDF:3.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.006 $\pm$ 0.036 χ^2 /NDF: 14.3/18

asym_usl_atl2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 96.855+/-0.037 χ^2/NDF : 248266.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.512+/-0.035 χ^2/NDF : 184744.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

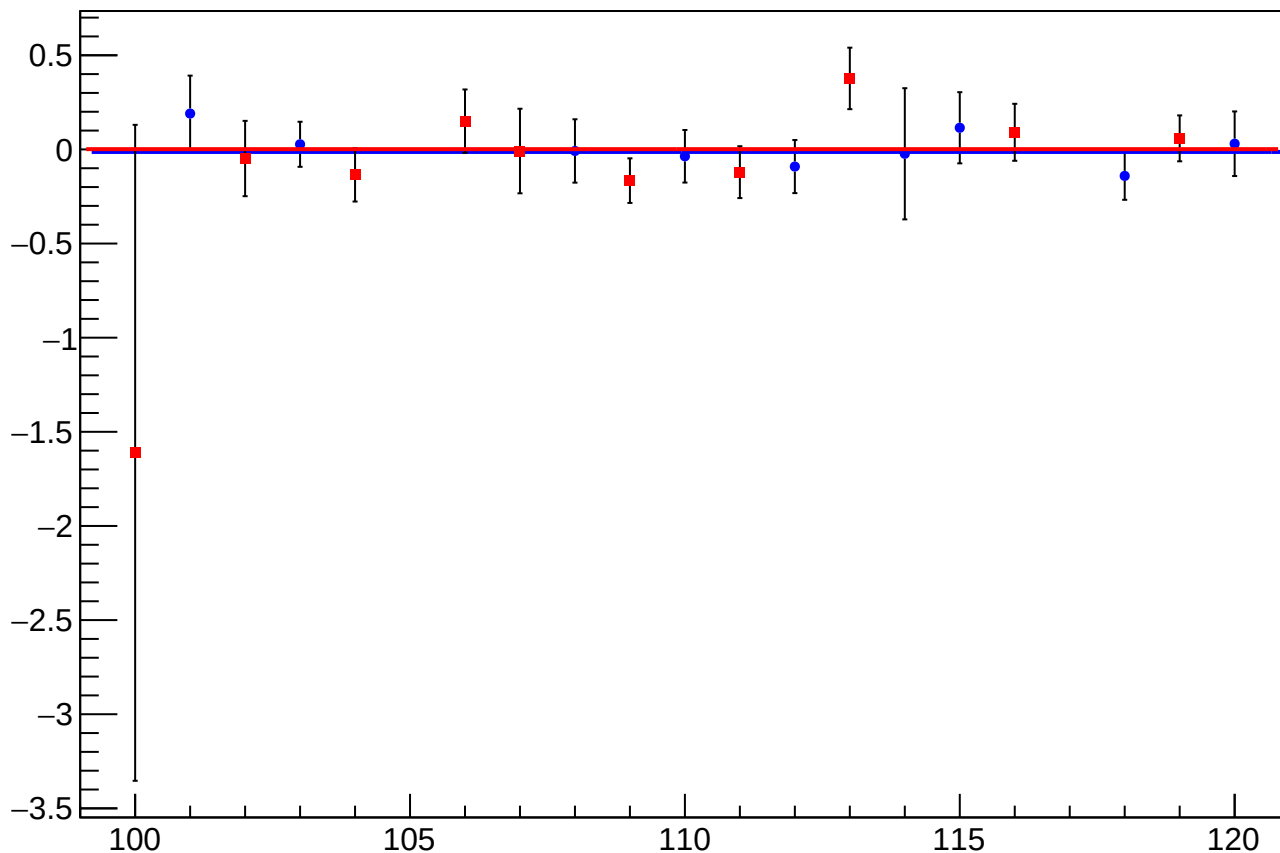
Right: 94.573+/-0.026 χ^2/NDF : 440221.3/18

In: 96.855+/-0.037 χ^2/NDF : 248266.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.573+/-0.026 χ^2/NDF : 440221.3/18

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 $\pm$ 0.052 χ^2 /NDF: 3.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.050 χ^2 /NDF: 11.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

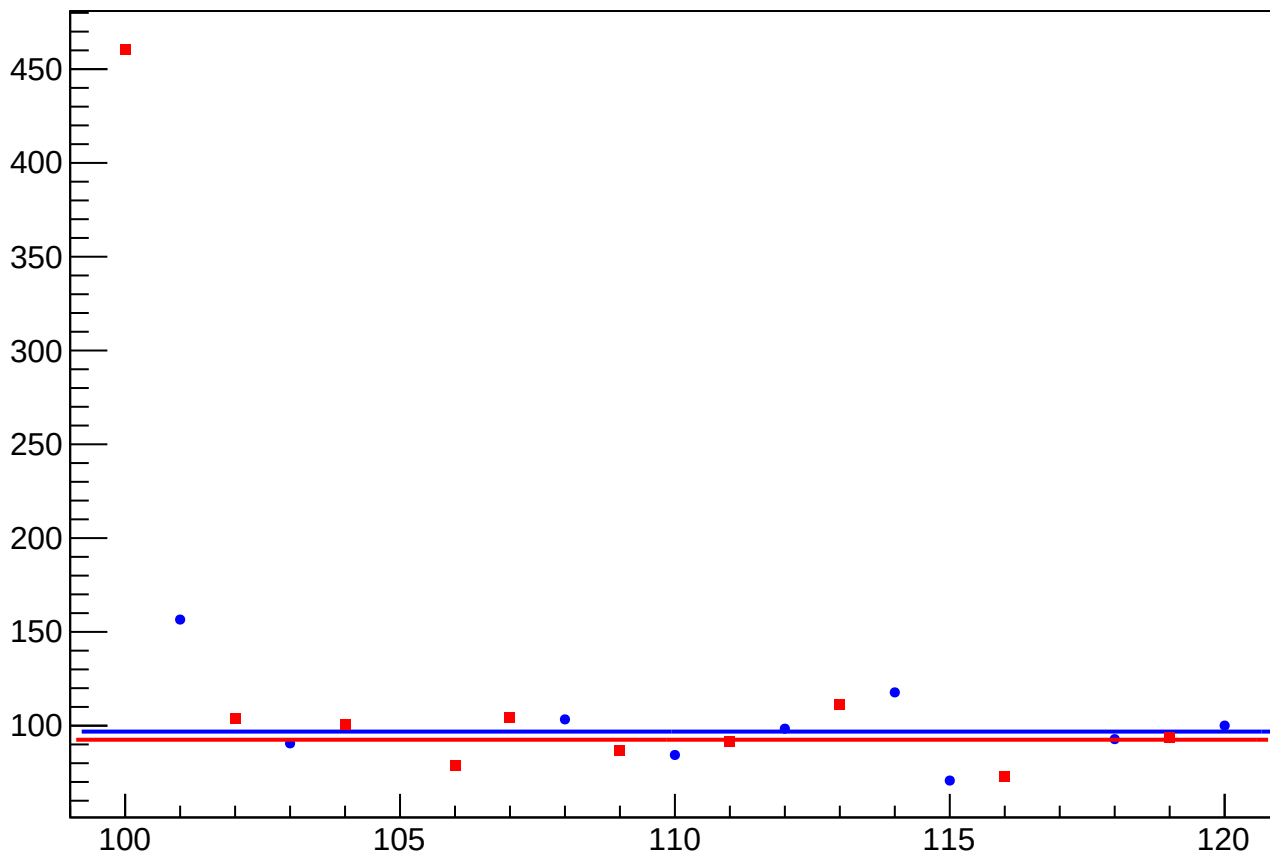
Right: -0.006 $\pm$ 0.036 χ^2 /NDF: 14.3/18

In: -0.013 $\pm$ 0.052 χ^2 /NDF:3.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.006 $\pm$ 0.036 χ^2 /NDF: 14.3/18

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 96.855+/-0.037 χ^2/NDF : 248266.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.512+/-0.035 χ^2/NDF : 184744.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

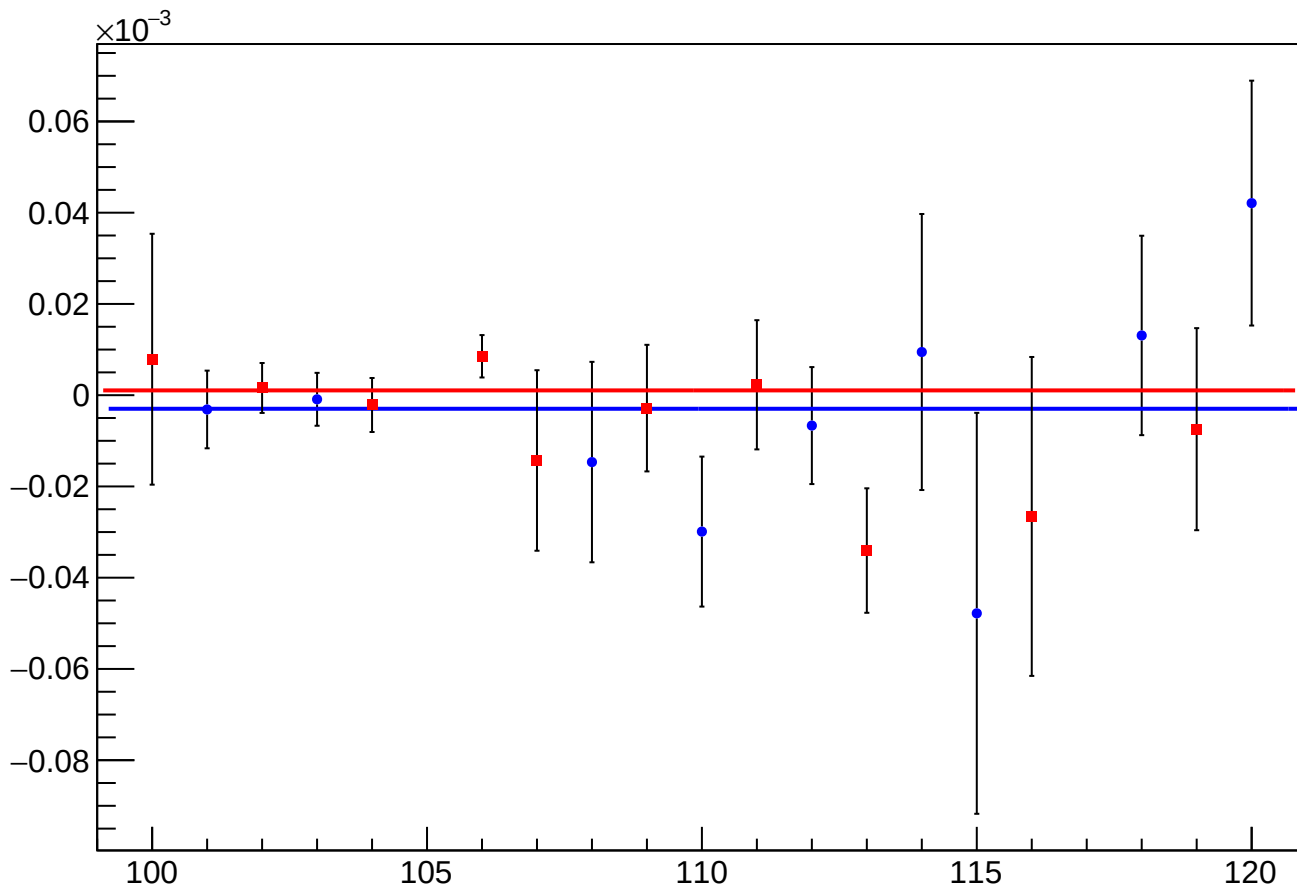
Right: 94.573+/-0.026 χ^2/NDF : 440221.3/18

In: 96.855+/-0.037 χ^2/NDF : 248266.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.573+/-0.026 χ^2/NDF : 440221.3/18

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

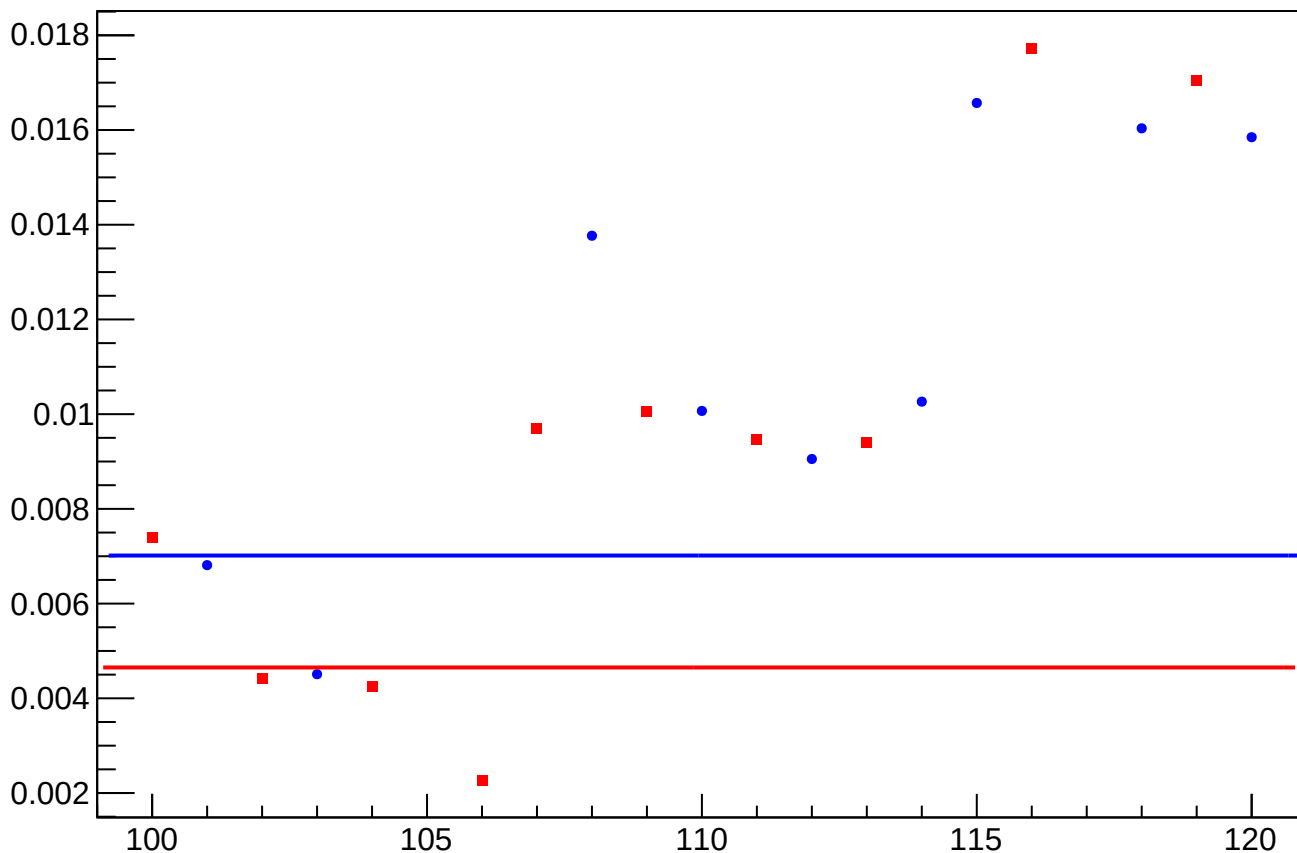
Right: -0.000+/-0.000 χ^2/NDF : 19.5/18

In: -0.000+/-0.000 χ^2/NDF : 7.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.5/18

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 1358639.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 2373136.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

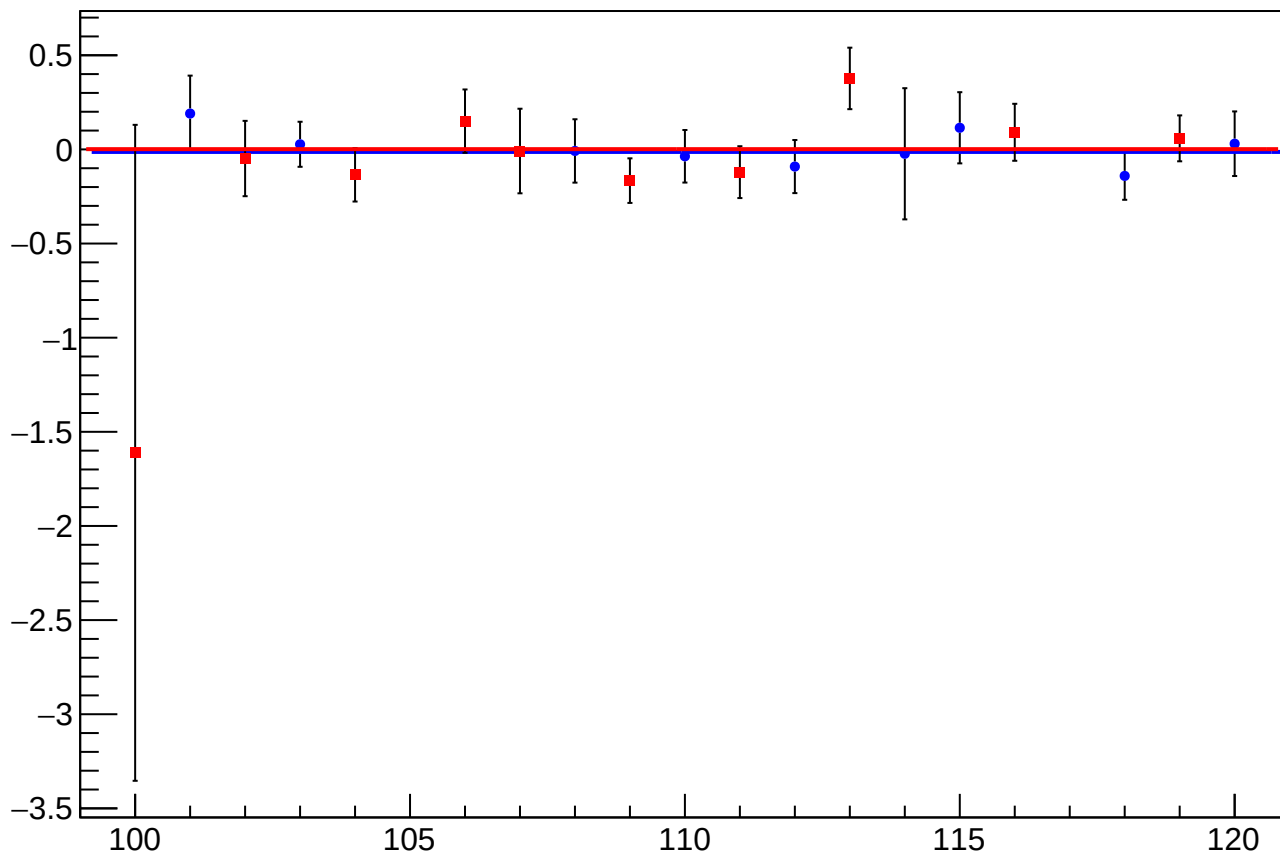
Right: 0.005+/-0.000 χ^2/NDF : 4193717.1/18

In: 0.007+/-0.000 χ^2/NDF :1358639.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 4193717.1/18

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 $\pm$ 0.052 χ^2 /NDF: 3.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.050 χ^2 /NDF: 11.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

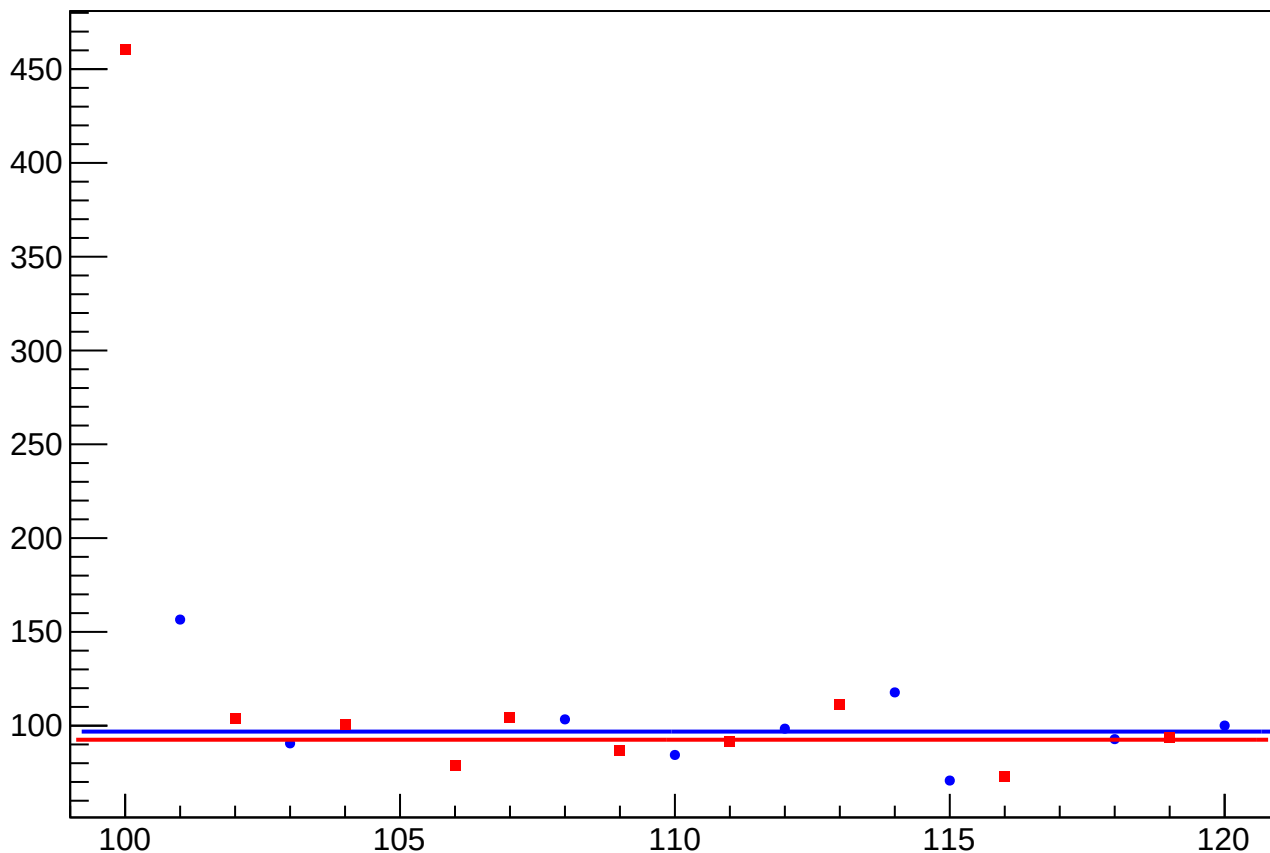
Right: -0.006 $\pm$ 0.036 χ^2 /NDF: 14.3/18

In: -0.013 $\pm$ 0.052 χ^2 /NDF:3.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.006 $\pm$ 0.036 χ^2 /NDF: 14.3/18

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 96.857+/-0.037 χ^2/NDF : 248241.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.514+/-0.035 χ^2/NDF : 184698.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

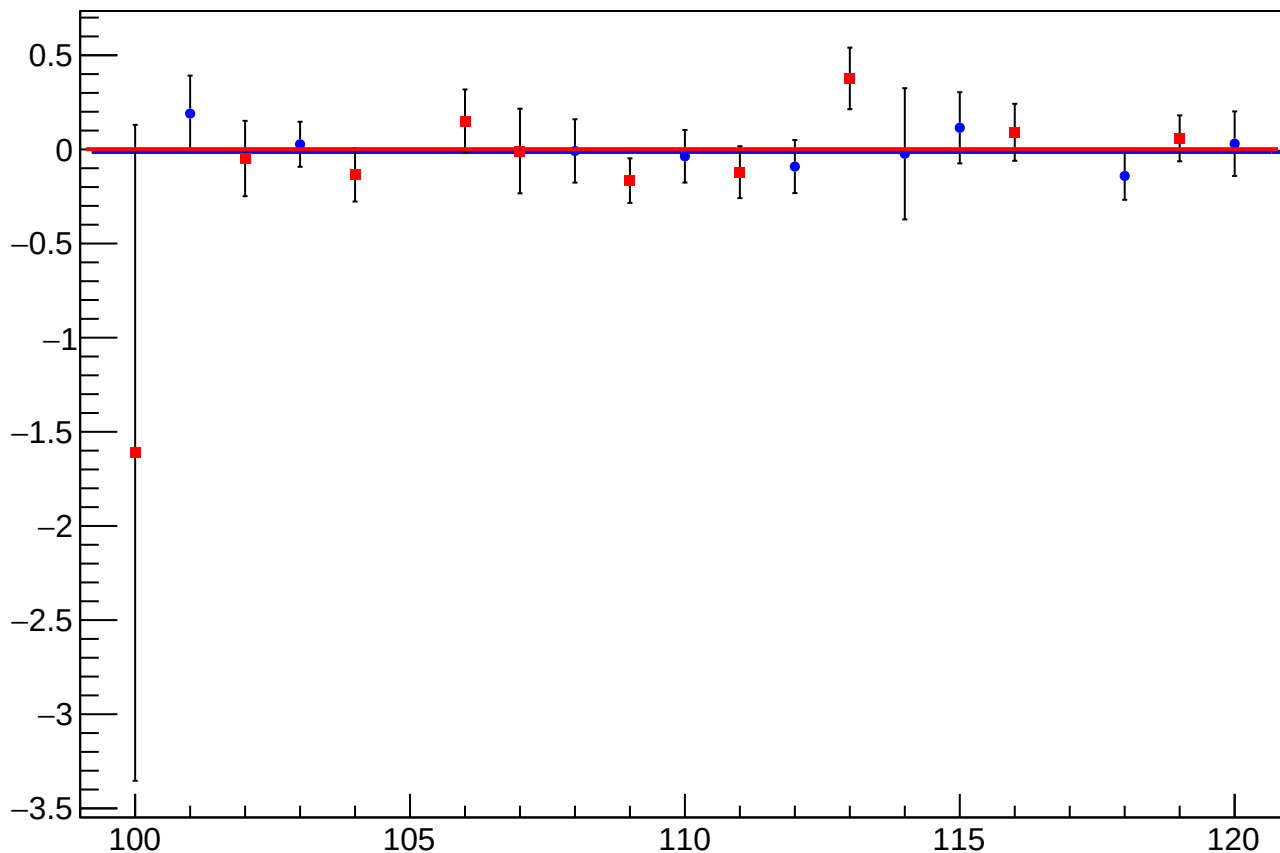
Right: 94.575+/-0.026 χ^2/NDF : 440147.9/18

In: 96.857+/-0.037 χ^2/NDF : 248241.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.575+/-0.026 χ^2/NDF : 440147.9/18

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013+/-0.052 χ^2/NDF : 3.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.050 χ^2/NDF : 11.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

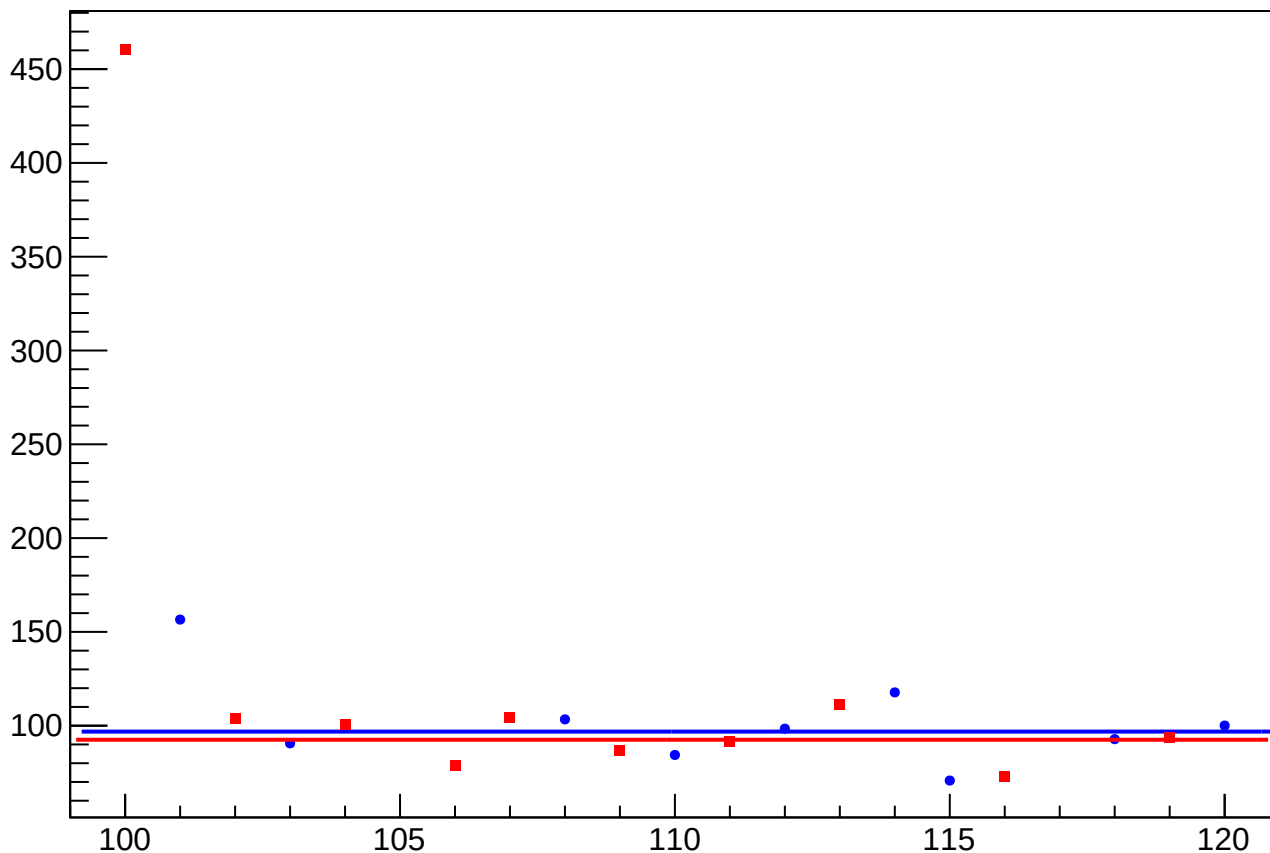
Right: -0.006+/-0.036 χ^2/NDF : 14.3/18

In: -0.013+/-0.052 χ^2/NDF :3.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.006+/-0.036 χ^2/NDF : 14.3/18

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 96.857+/-0.037 χ^2/NDF : 248241.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.514+/-0.035 χ^2/NDF : 184698.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

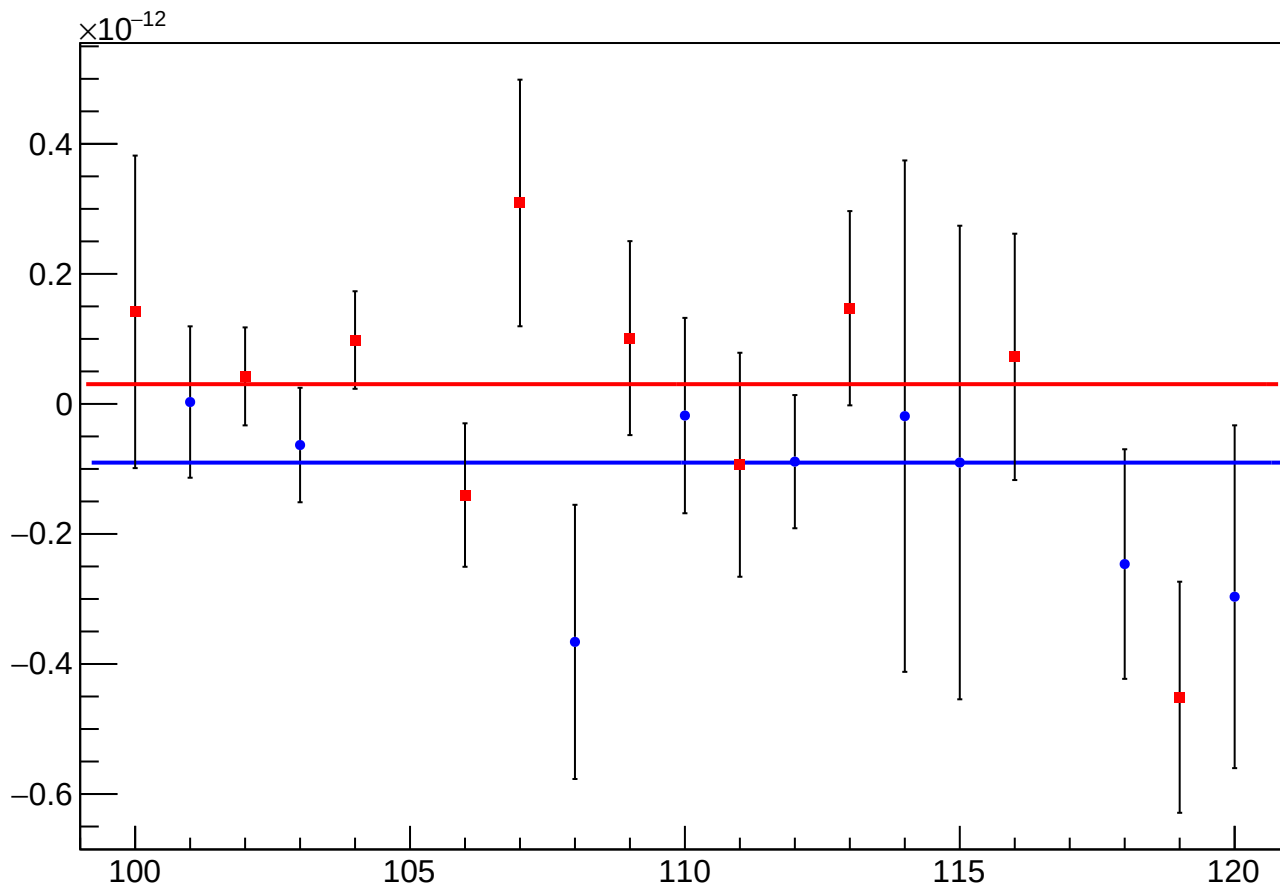
Right: 94.575+/-0.026 χ^2/NDF : 440147.9/18

In: 96.857+/-0.037 χ^2/NDF : 248241.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.575+/-0.026 χ^2/NDF : 440147.9/18

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

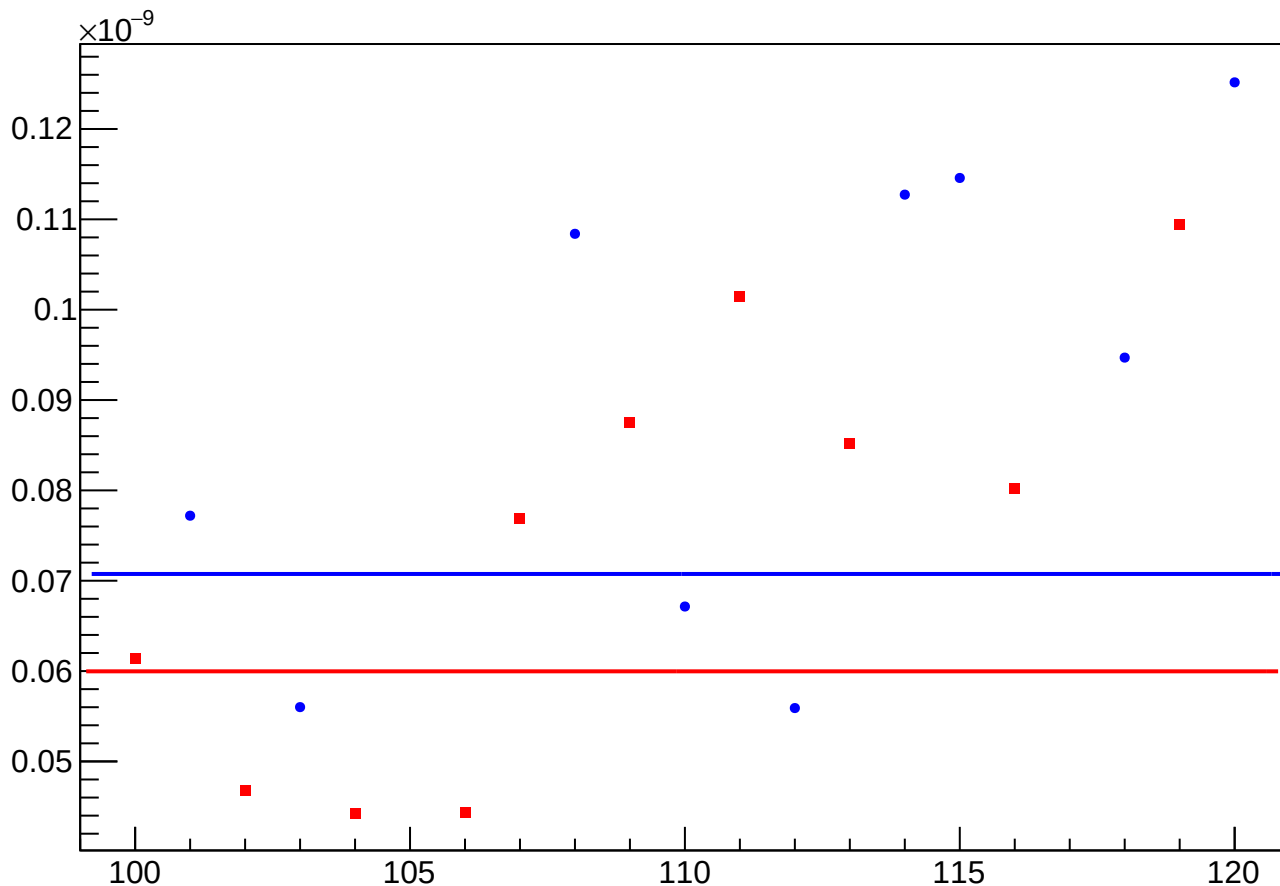
Right: -0.000+/-0.000 χ^2/NDF : 22.2/18

In: -0.000+/-0.000 χ^2/NDF : 4.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.2/18

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 342827.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 623862.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

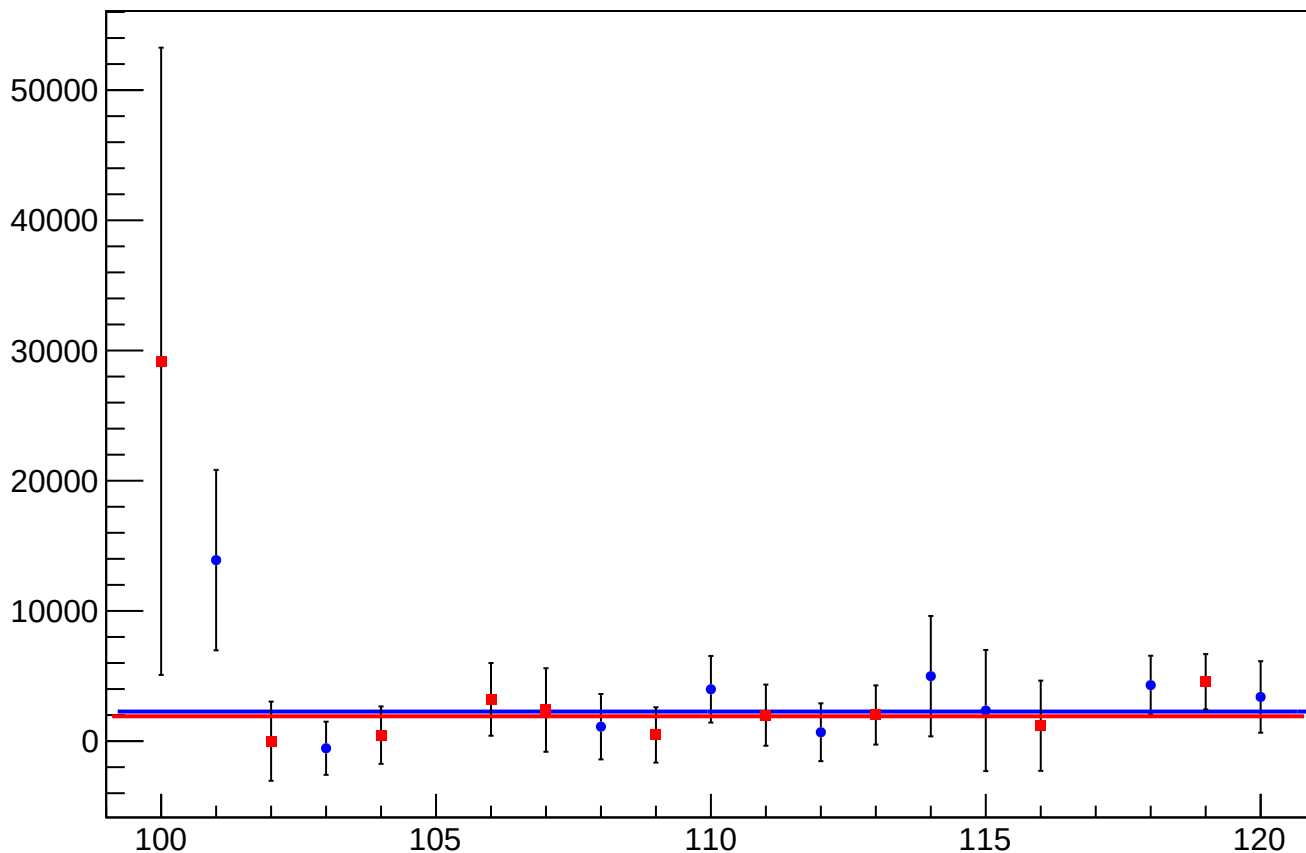
Right: 0.000+/-0.000 χ^2/NDF : 1026909.0/18

In: 0.000+/-0.000 χ^2/NDF : 342827.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1026909.0/18

reg_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2271.150+/-913.844 χ^2/NDF : 7.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1907.108+/-832.720 χ^2/NDF : 4.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

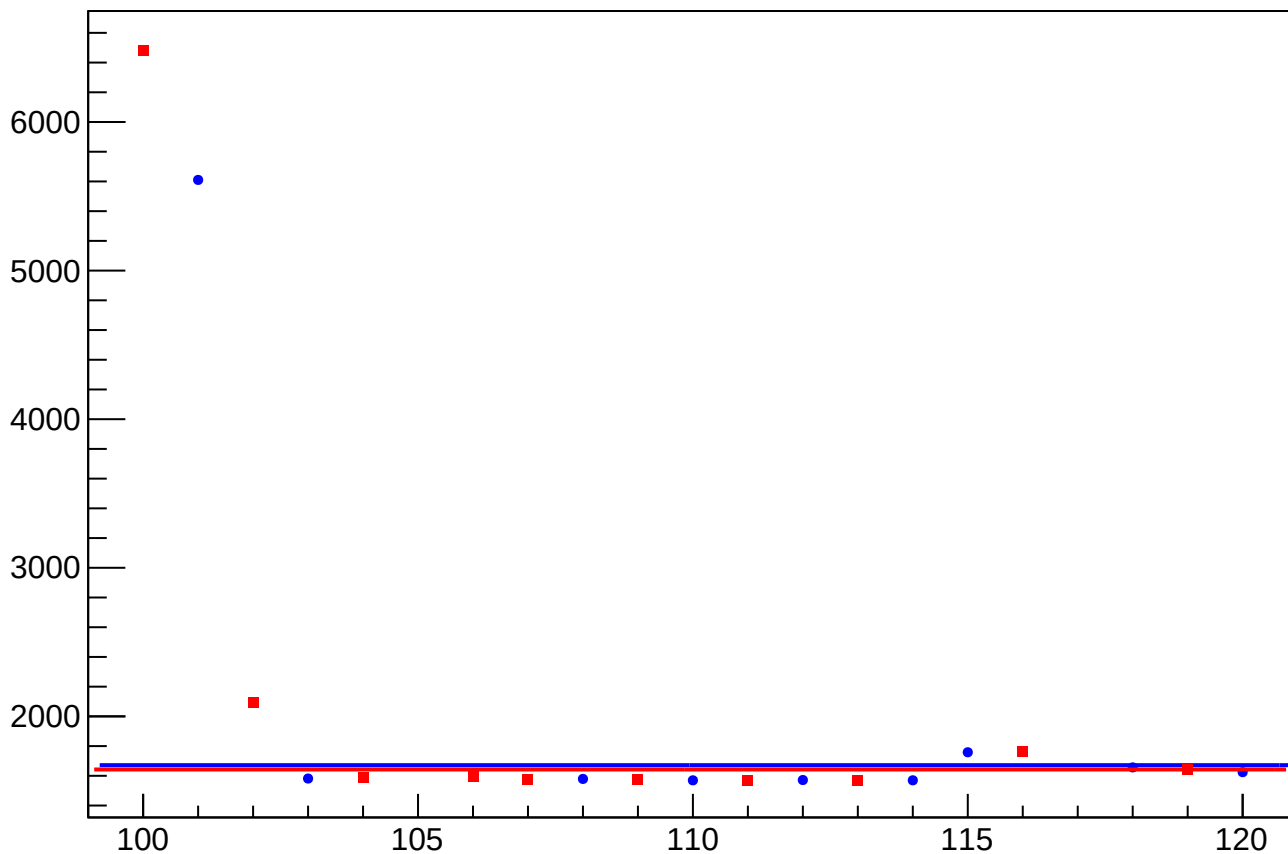
Right: 2072.257+/-615.508 χ^2/NDF : 11.7/18

In: 2271.150+/-913.844 χ^2/NDF : 7.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2072.257+/-615.508 χ^2/NDF : 11.7/18

reg_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1671.607+/-0.646 χ^2/NDF : 662444.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1642.549+/-0.589 χ^2/NDF : 136337.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

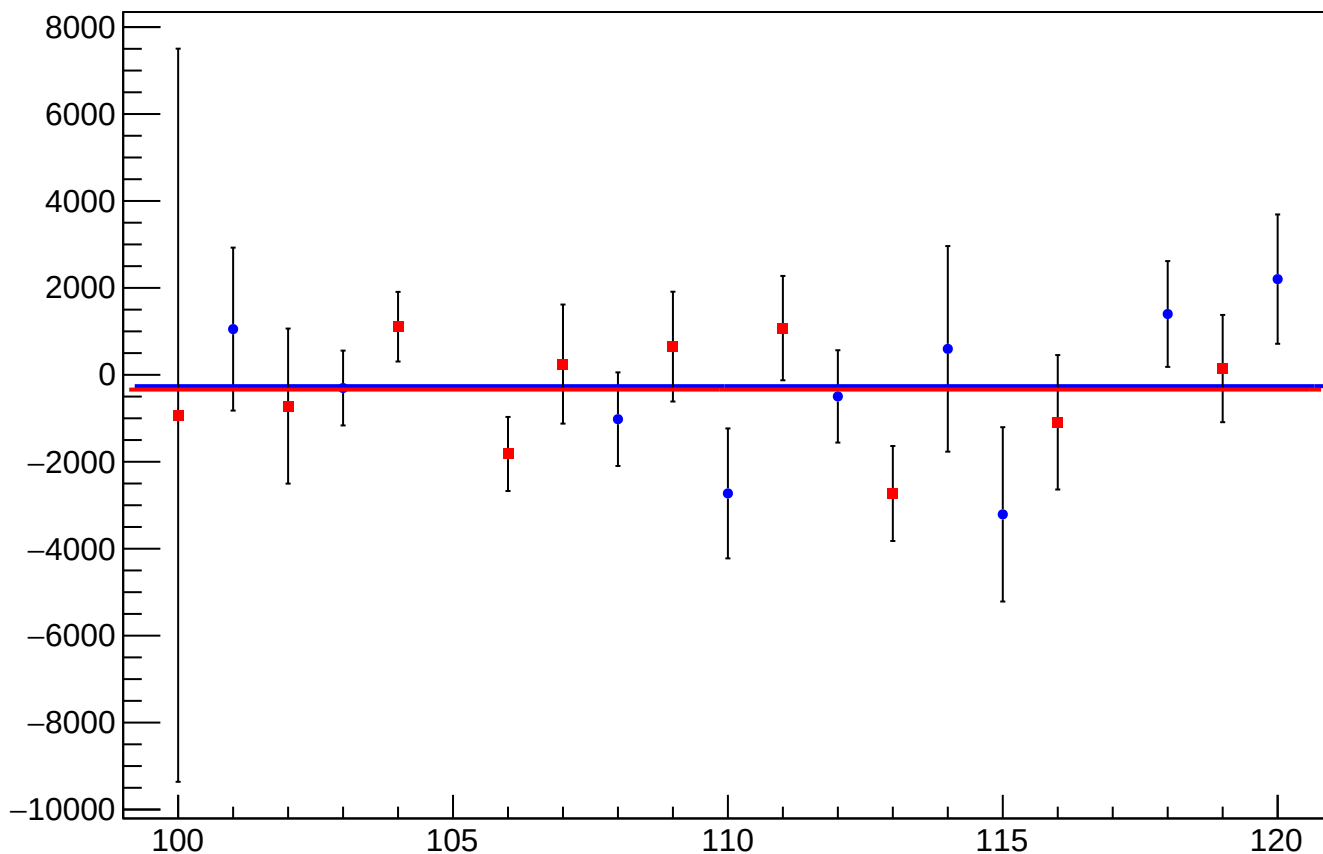
Right: 1655.732+/-0.435 χ^2/NDF : 799886.5/18

In: 1671.607+/-0.646 χ^2/NDF : 662444.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1655.732+/-0.435 χ^2/NDF : 799886.5/18

asym_usr_atr1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -260.292+/-430.895 χ^2/NDF : 10.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -339.390+/-377.109 χ^2/NDF : 13.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

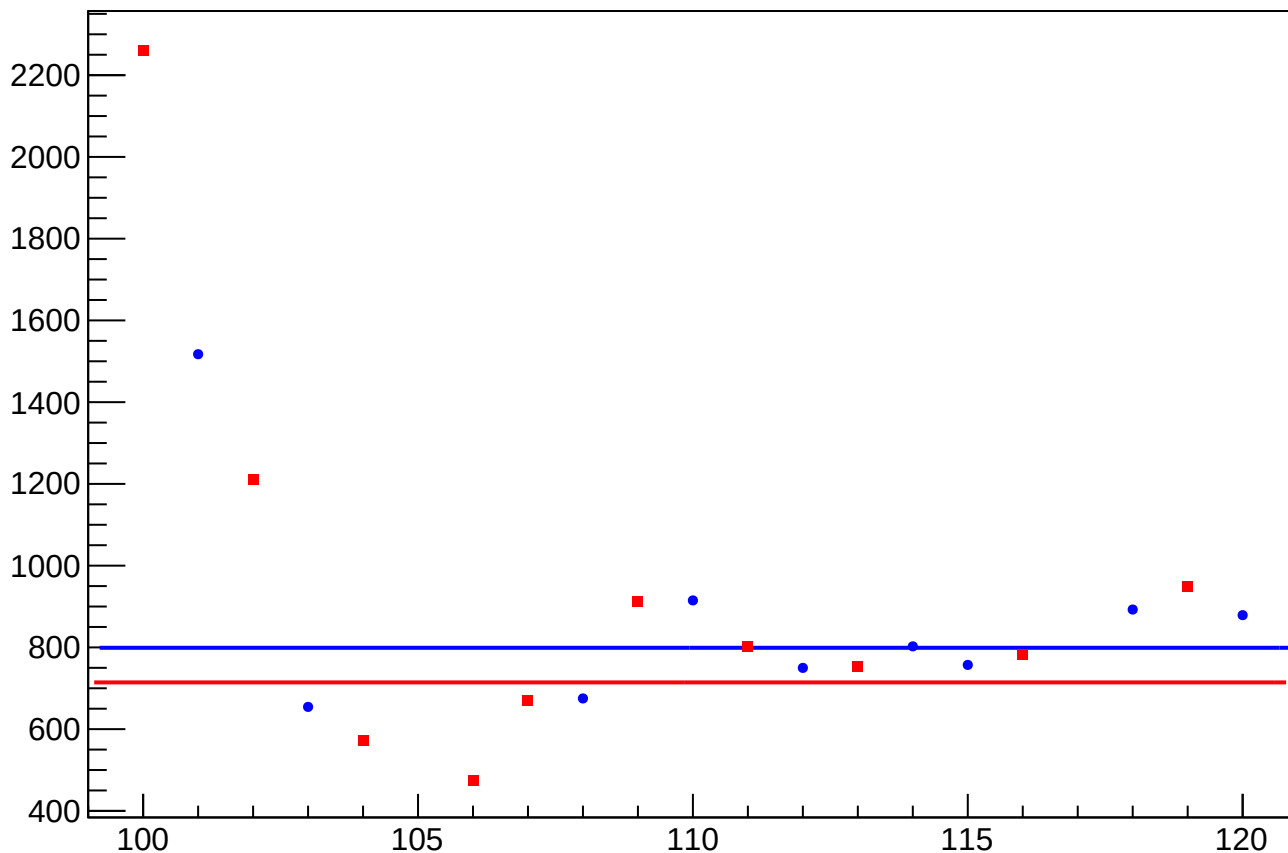
Right: -305.083+/-283.779 χ^2/NDF : 24.4/18

In: -260.292+/-430.895 χ^2/NDF :10.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -305.083+/-283.779 χ^2/NDF : 24.4/18

asym_usr_atr1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 799.056+/-0.305 χ^2/NDF : 411436.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 714.360+/-0.267 χ^2/NDF : 584178.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

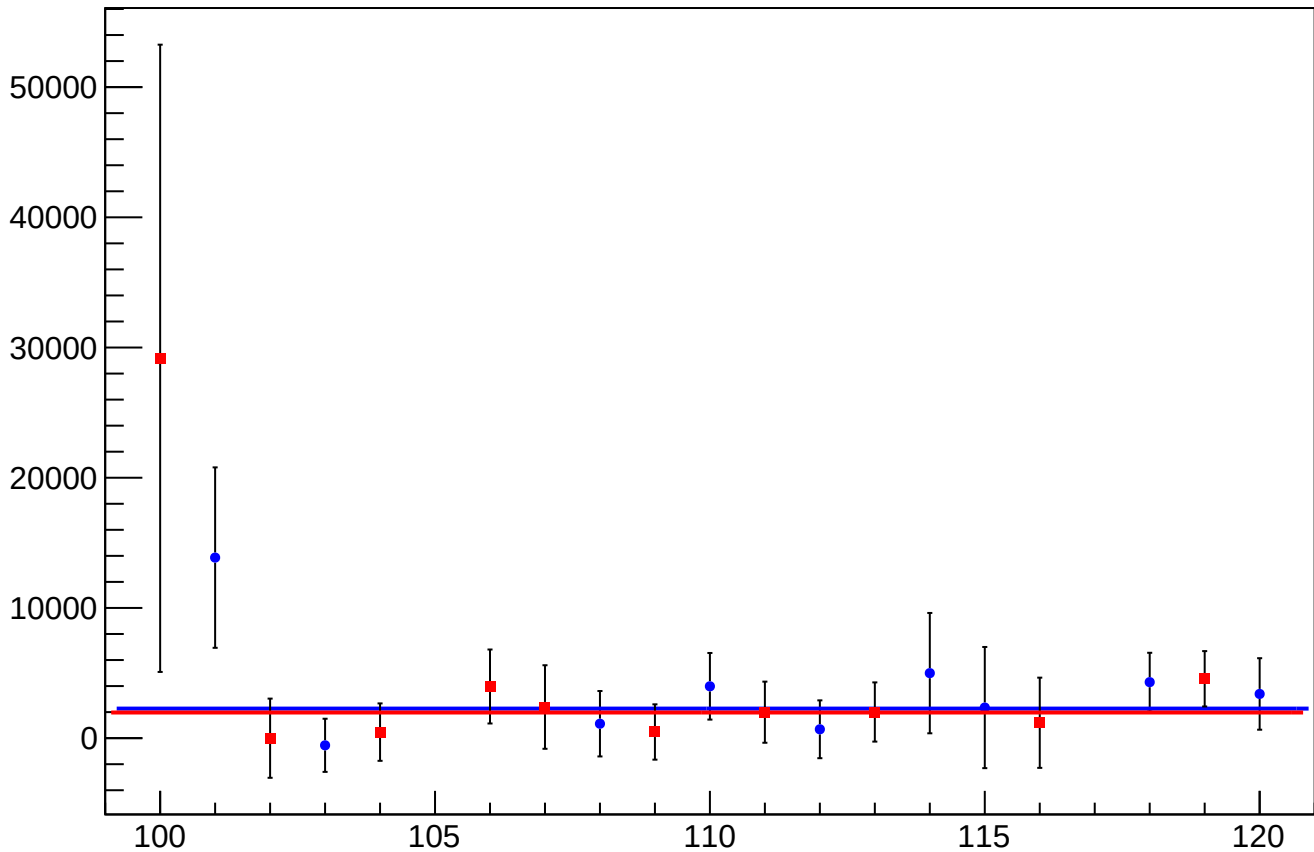
Right: 751.095+/-0.201 χ^2/NDF : 1039370.4/18

In: 799.056+/-0.305 χ^2/NDF :411436.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 751.095+/-0.201 χ^2/NDF : 1039370.4/18

cor_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2270.197+/-913.845 χ^2/NDF : 7.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1969.610+/-833.998 χ^2/NDF : 4.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

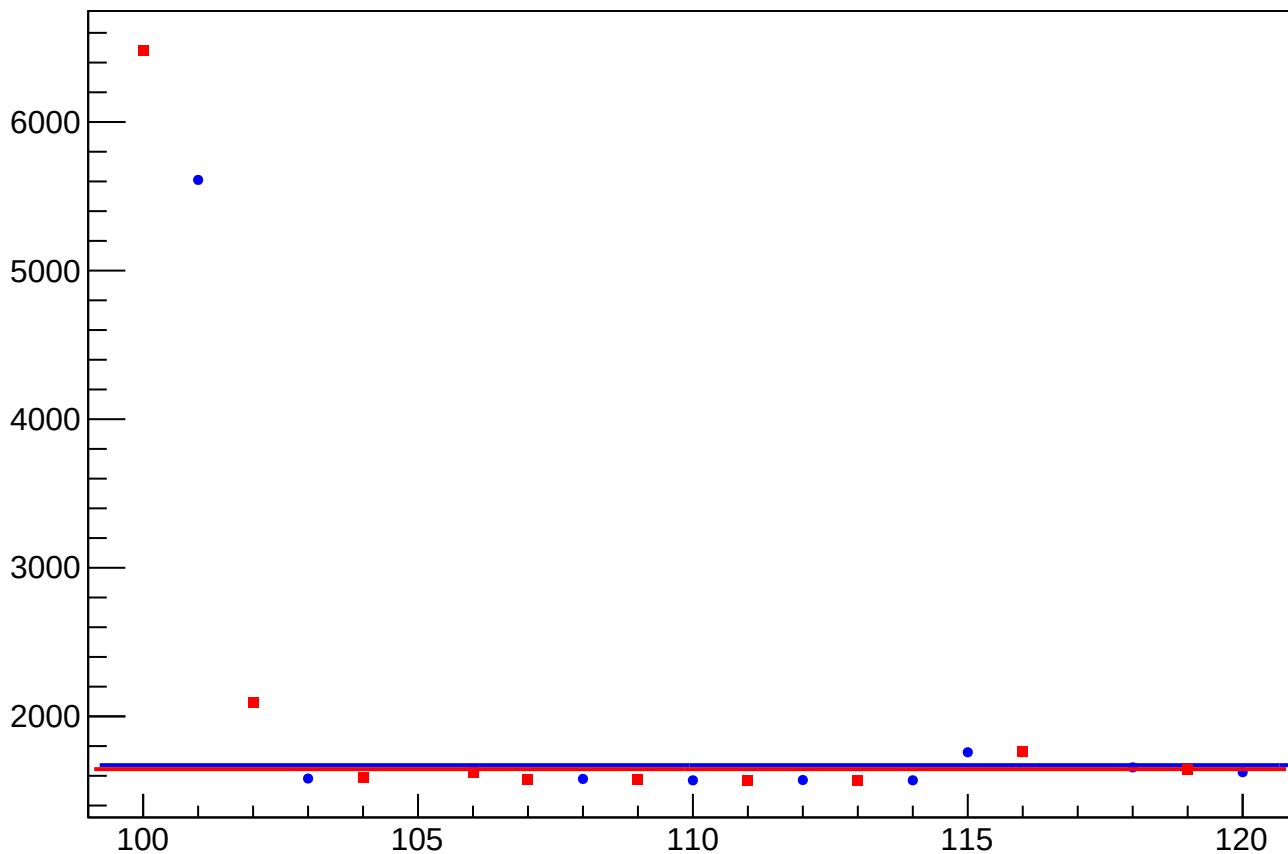
Right: 2106.201+/-616.024 χ^2/NDF : 12.0/18

In: 2270.197+/-913.845 χ^2/NDF : 7.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2106.201+/-616.024 χ^2/NDF : 12.0/18

cor_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1671.607+/-0.646 χ^2/NDF : 662444.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1644.984+/-0.590 χ^2/NDF : 135826.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

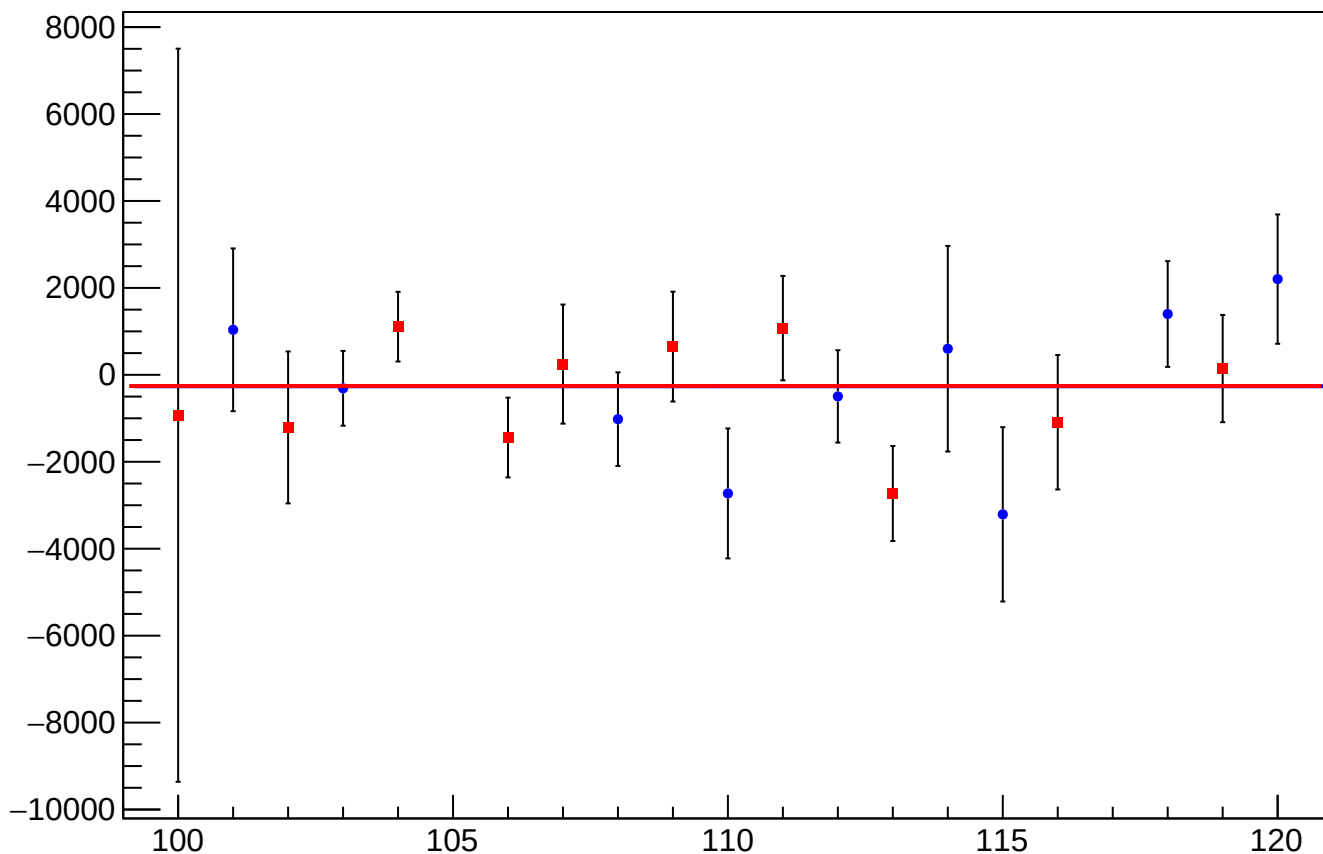
Right: 1657.082+/-0.436 χ^2/NDF : 799197.1/18

In: 1671.607+/-0.646 χ^2/NDF : 662444.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1657.082+/-0.436 χ^2/NDF : 799197.1/18

asym_usr_atr1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -262.416+/-430.806 χ^2/NDF : 10.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -257.735+/-381.989 χ^2/NDF : 12.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

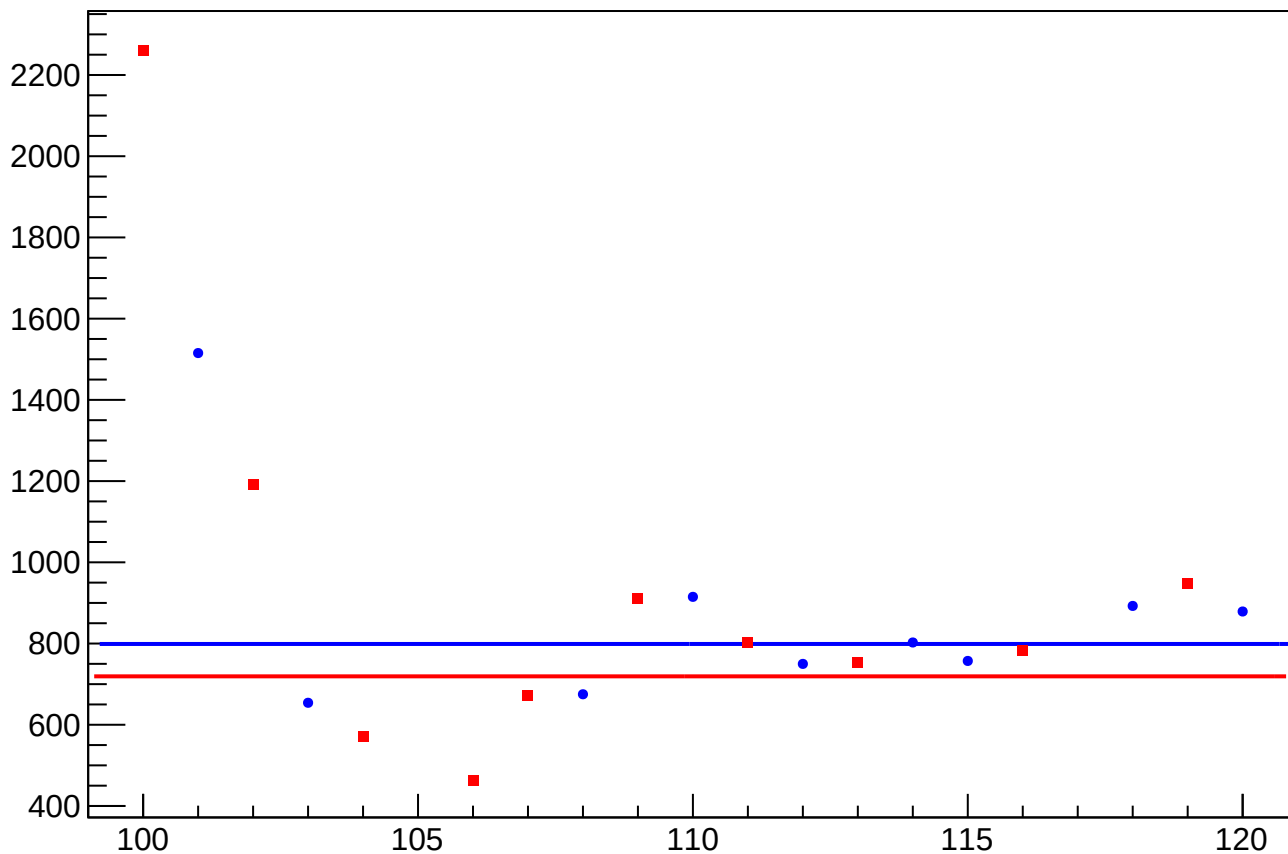
Right: -259.796+/-285.815 χ^2/NDF : 22.9/18

In: -262.416+/-430.806 χ^2/NDF : 10.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -259.796+/-285.815 χ^2/NDF : 22.9/18

asym_usr_atr1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 798.938+/-0.305 χ^2/NDF : 410917.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 719.214+/-0.270 χ^2/NDF : 569259.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

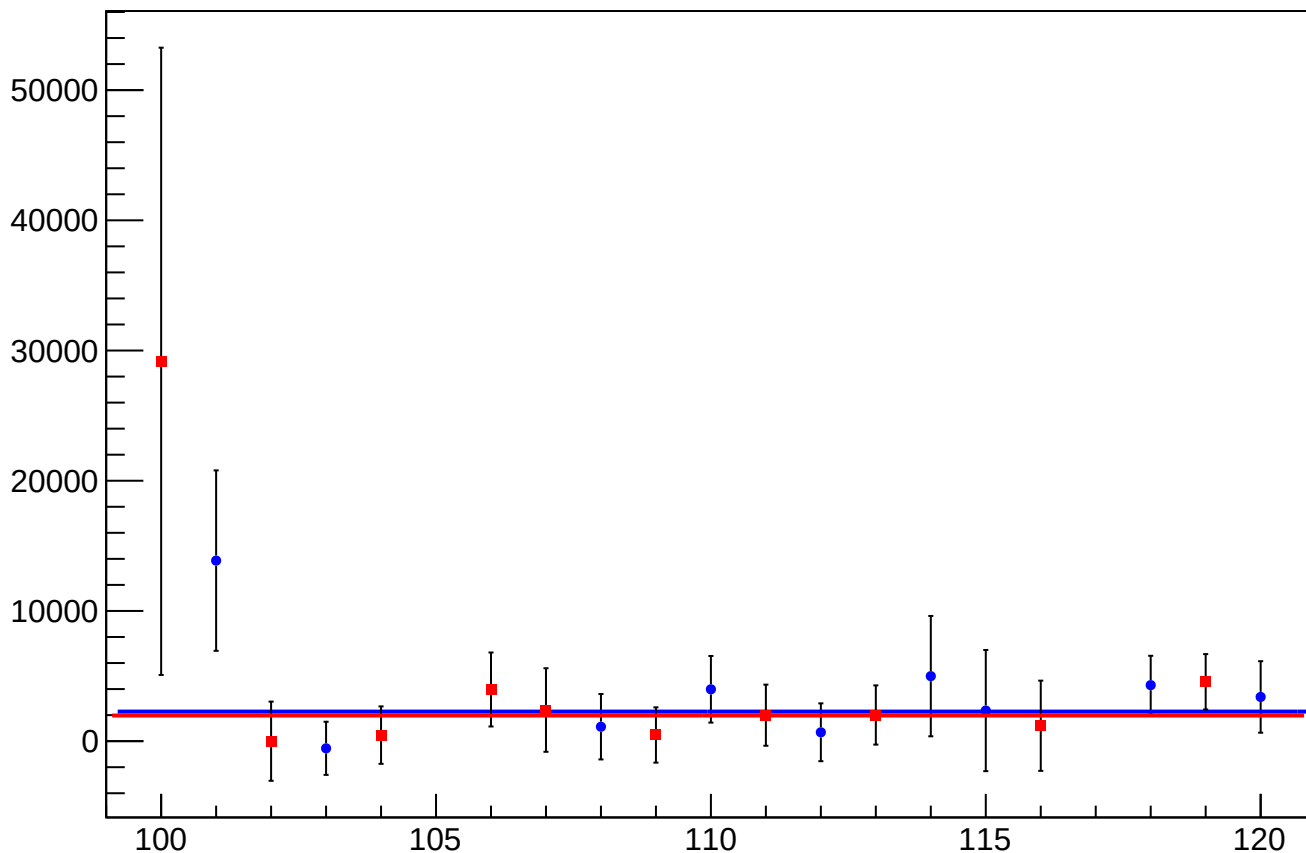
Right: 754.305+/-0.202 χ^2/NDF : 1018520.9/18

In: 798.938+/-0.305 χ^2/NDF : 410917.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 754.305+/-0.202 χ^2/NDF : 1018520.9/18

eigen_cor_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2270.197+/-913.845 χ^2/NDF : 7.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1969.610+/-833.998 χ^2/NDF : 4.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

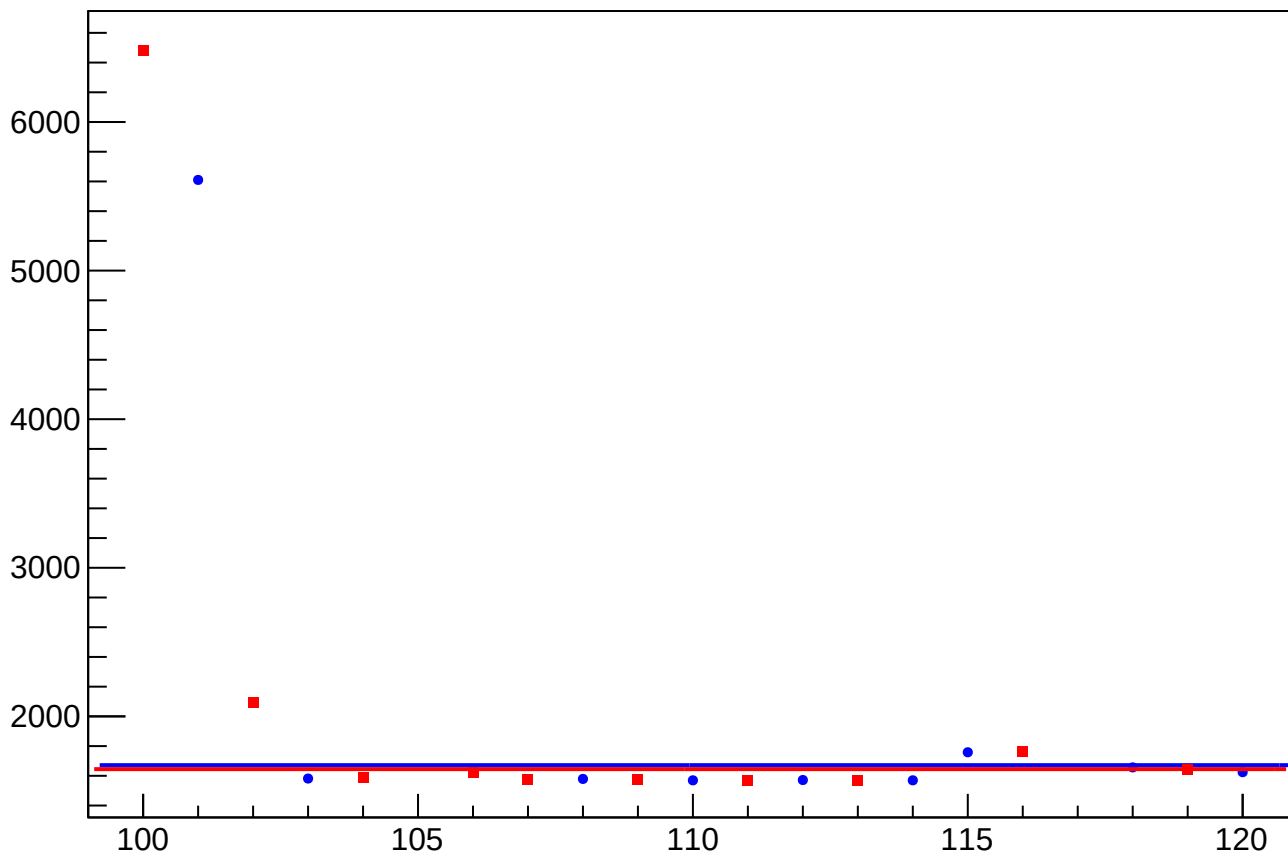
Right: 2106.201+/-616.024 χ^2/NDF : 12.0/18

In: 2270.197+/-913.845 χ^2/NDF : 7.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2106.201+/-616.024 χ^2/NDF : 12.0/18

eigen_cor_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1671.607+/-0.646 χ^2/NDF : 662444.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1644.984+/-0.590 χ^2/NDF : 135826.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

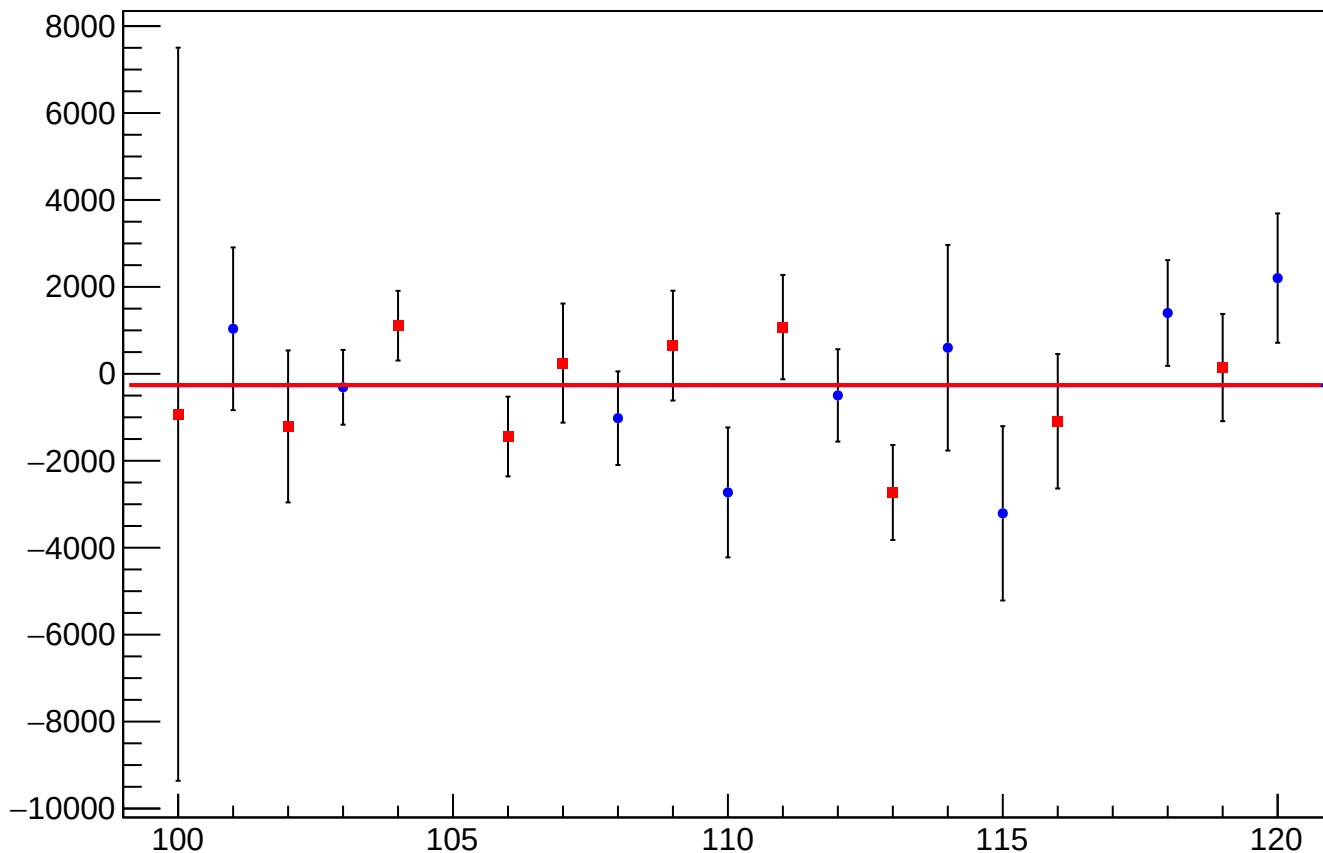
Right: 1657.082+/-0.436 χ^2/NDF : 799197.1/18

In: 1671.607+/-0.646 χ^2/NDF : 662444.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1657.082+/-0.436 χ^2/NDF : 799197.1/18

asym_usr_atr1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -262.416+/-430.806 χ^2/NDF : 10.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -257.735+/-381.989 χ^2/NDF : 12.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

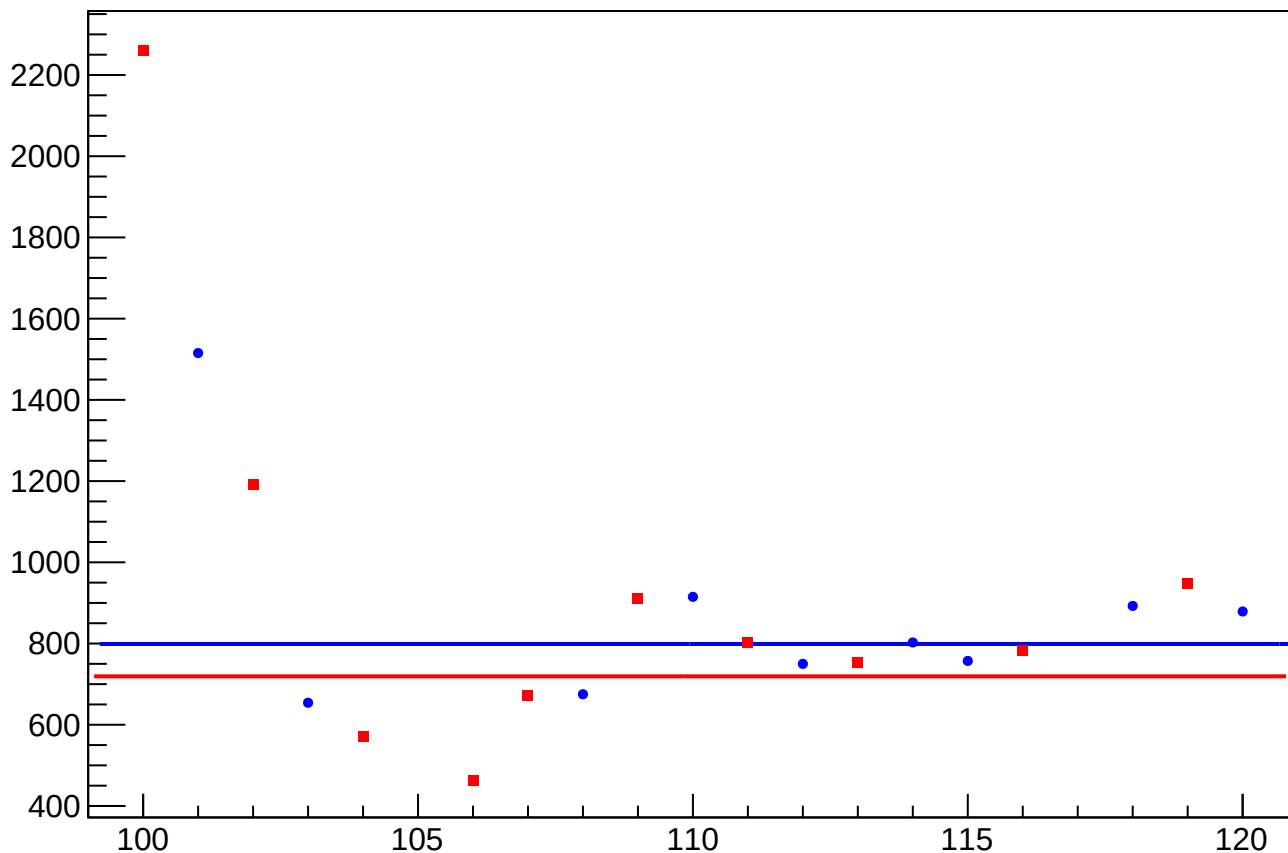
Right: -259.796+/-285.815 χ^2/NDF : 22.9/18

In: -262.416+/-430.806 χ^2/NDF :10.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -259.796+/-285.815 χ^2/NDF : 22.9/18

asym_usr_atr1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 798.938+/-0.305 χ^2/NDF : 410917.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 719.214+/-0.270 χ^2/NDF : 569259.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

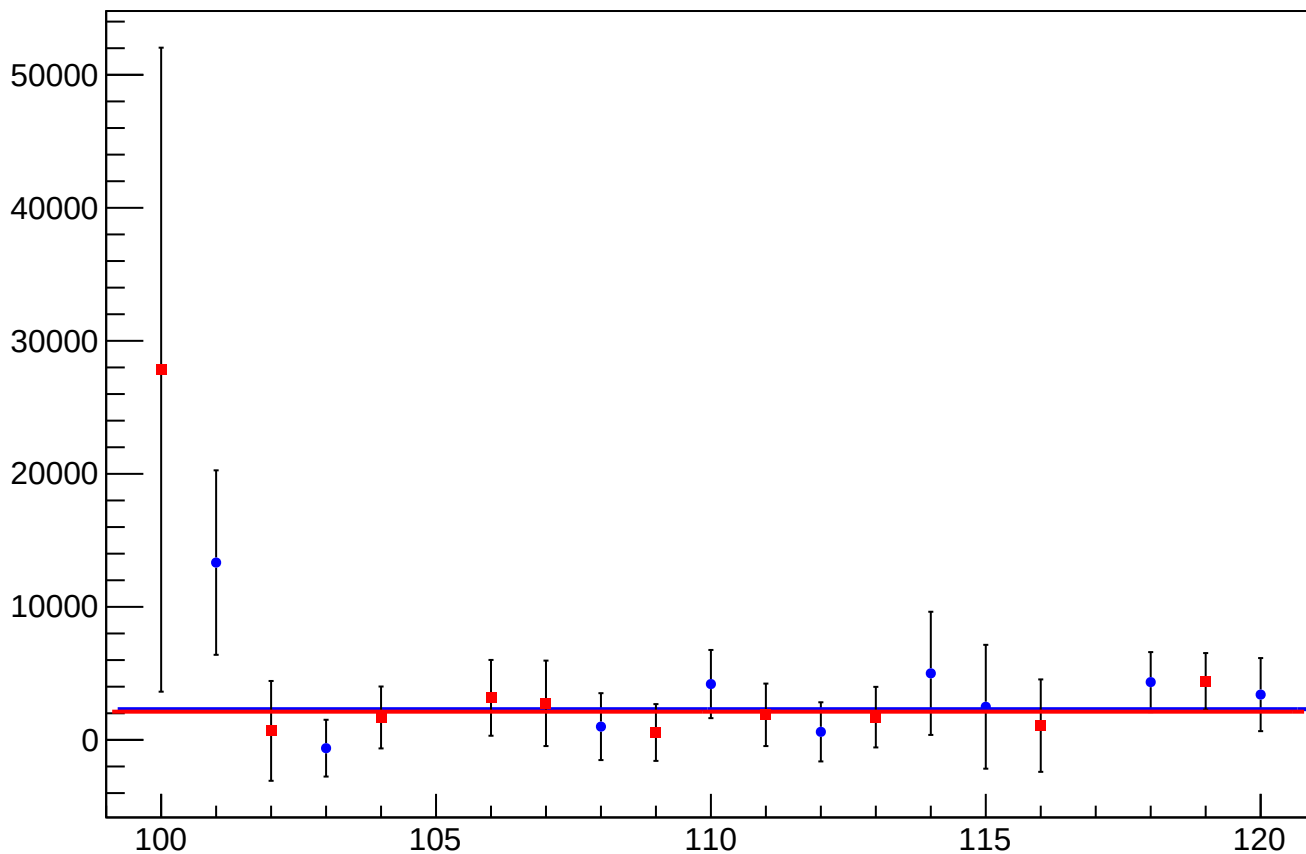
Right: 754.305+/-0.202 χ^2/NDF : 1018520.9/18

In: 798.938+/-0.305 χ^2/NDF : 410917.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 754.305+/-0.202 χ^2/NDF : 1018520.9/18

dit_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2308.460+/-922.637 χ^2/NDF : 7.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2120.867+/-852.867 χ^2/NDF : 3.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

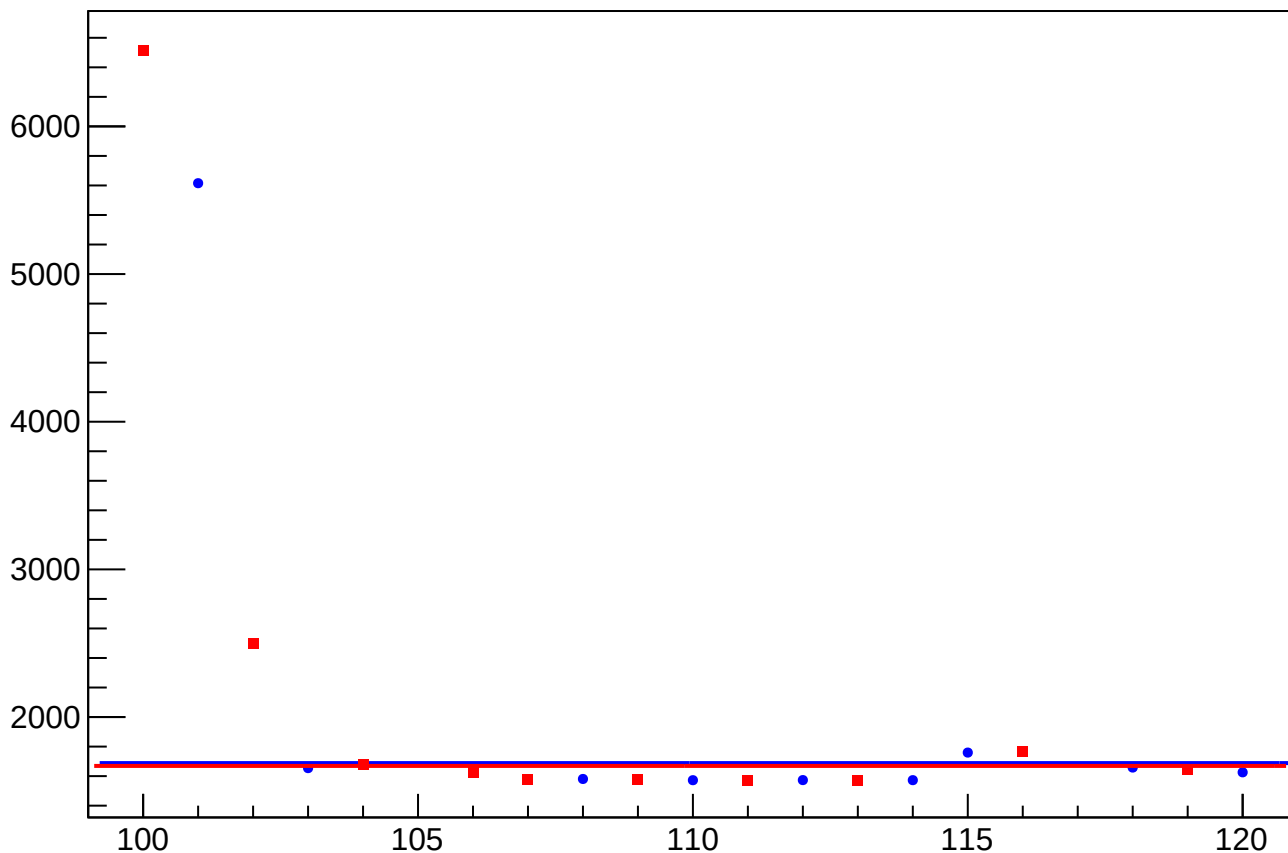
Right: 2207.303+/-626.283 χ^2/NDF : 10.5/18

In: 2308.460+/-922.637 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2207.303+/-626.283 χ^2/NDF : 10.5/18

dit_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1688.209+/-0.652 χ^2/NDF : 658033.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1669.053+/-0.603 χ^2/NDF : 192130.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

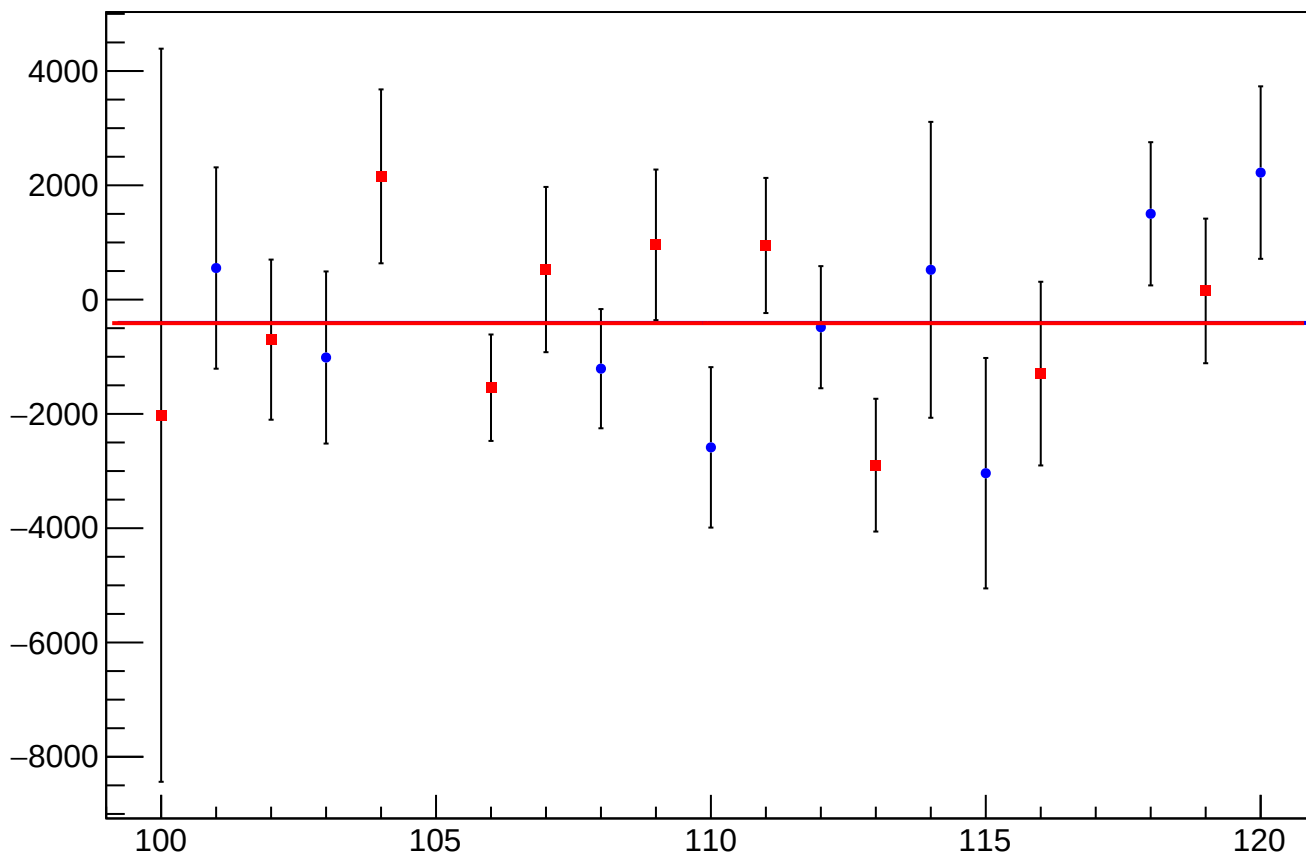
Right: 1677.879+/-0.443 χ^2/NDF : 850628.5/18

In: 1688.209+/-0.652 χ^2/NDF : 658033.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1677.879+/-0.443 χ^2/NDF : 850628.5/18

asym_usr_atr1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -408.008+/-469.492 χ^2/NDF : 10.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -411.841+/-421.022 χ^2/NDF : 12.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

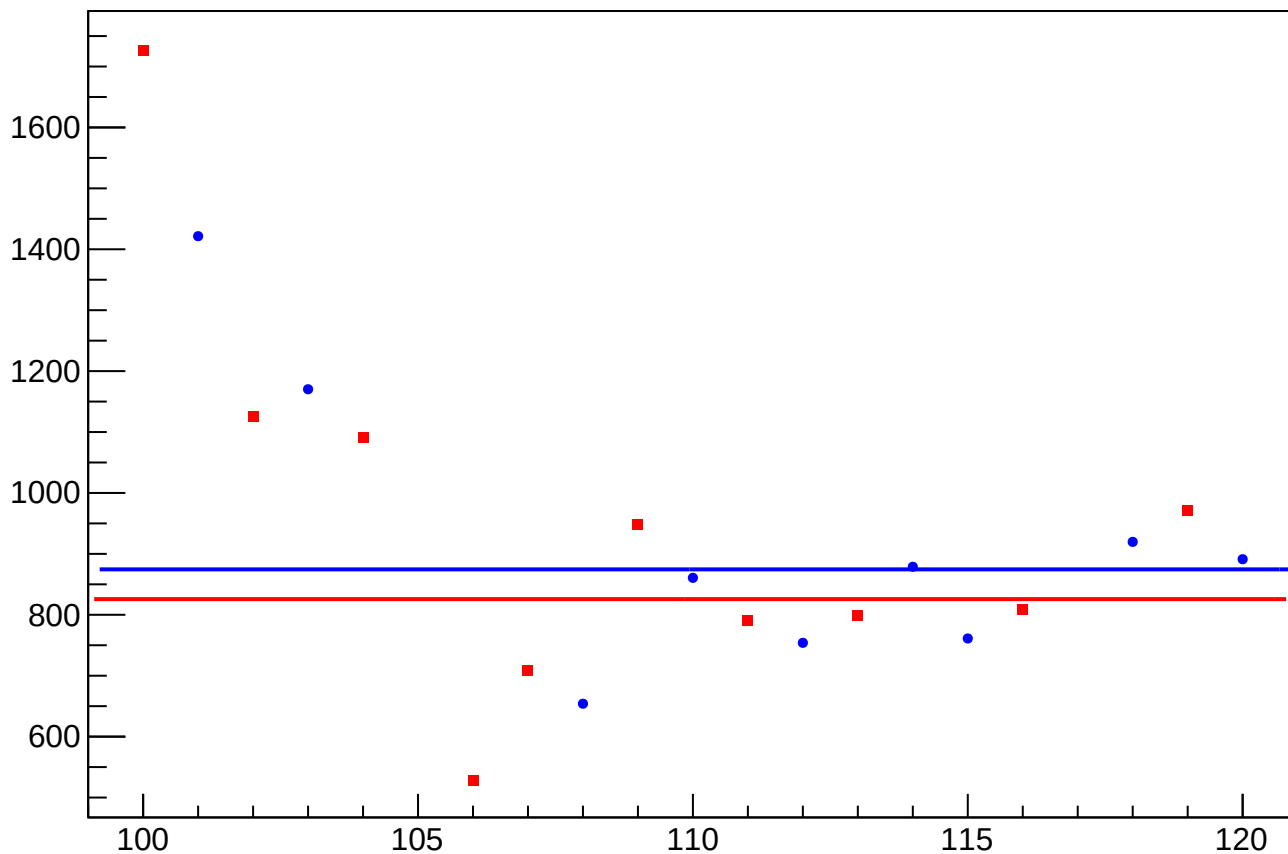
Right: -410.133+/-313.448 χ^2/NDF : 23.0/18

In: -408.008+/-469.492 χ^2/NDF :10.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -410.133+/-313.448 χ^2/NDF : 23.0/18

asym_usr_atr1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 874.577+/-0.332 χ^2/NDF : 394129.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 825.702+/-0.298 χ^2/NDF : 456230.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

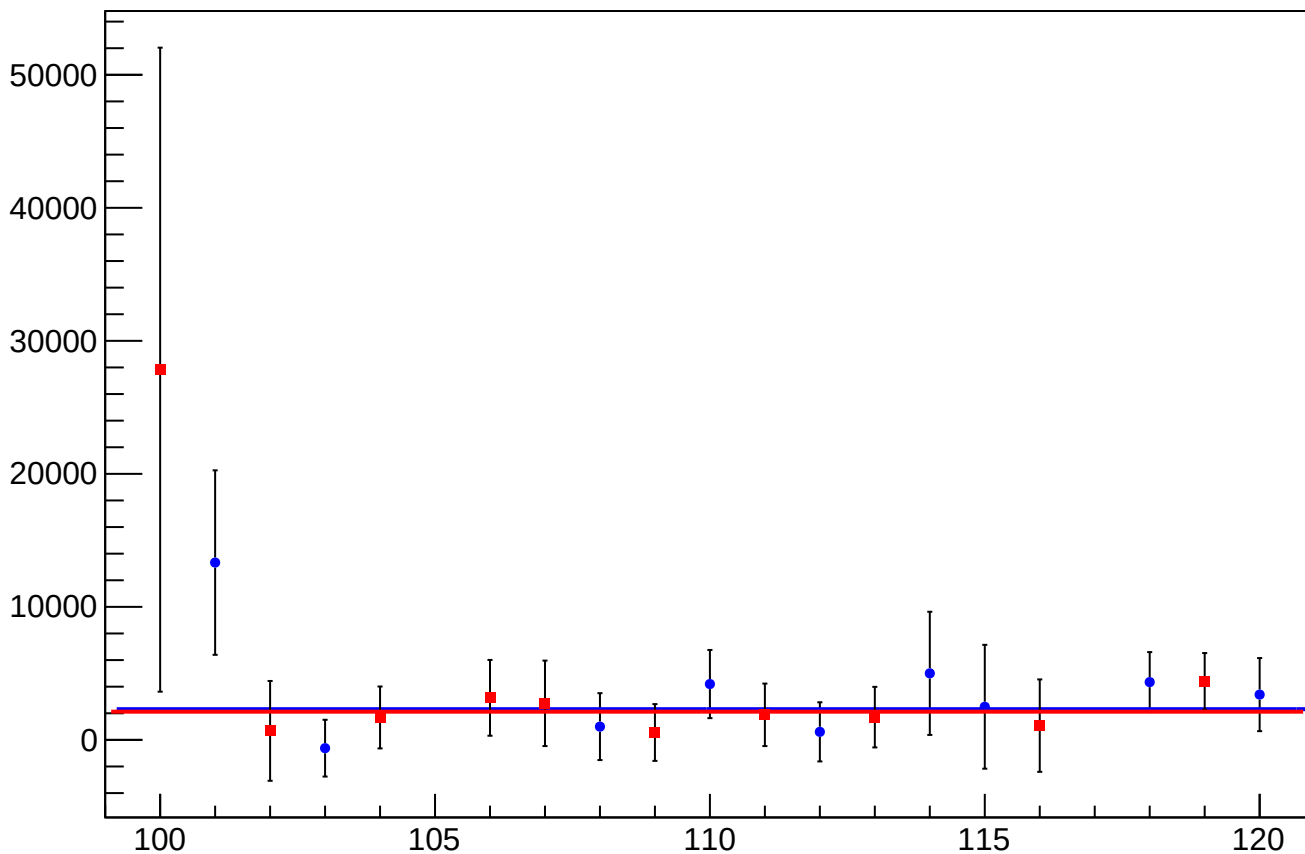
Right: 847.487+/-0.222 χ^2/NDF : 862373.5/18

In: 874.577+/-0.332 χ^2/NDF : 394129.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 847.487+/-0.222 χ^2/NDF : 862373.5/18

eigen_dit_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2308.460+/-922.637 χ^2/NDF : 7.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2120.867+/-852.867 χ^2/NDF : 3.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

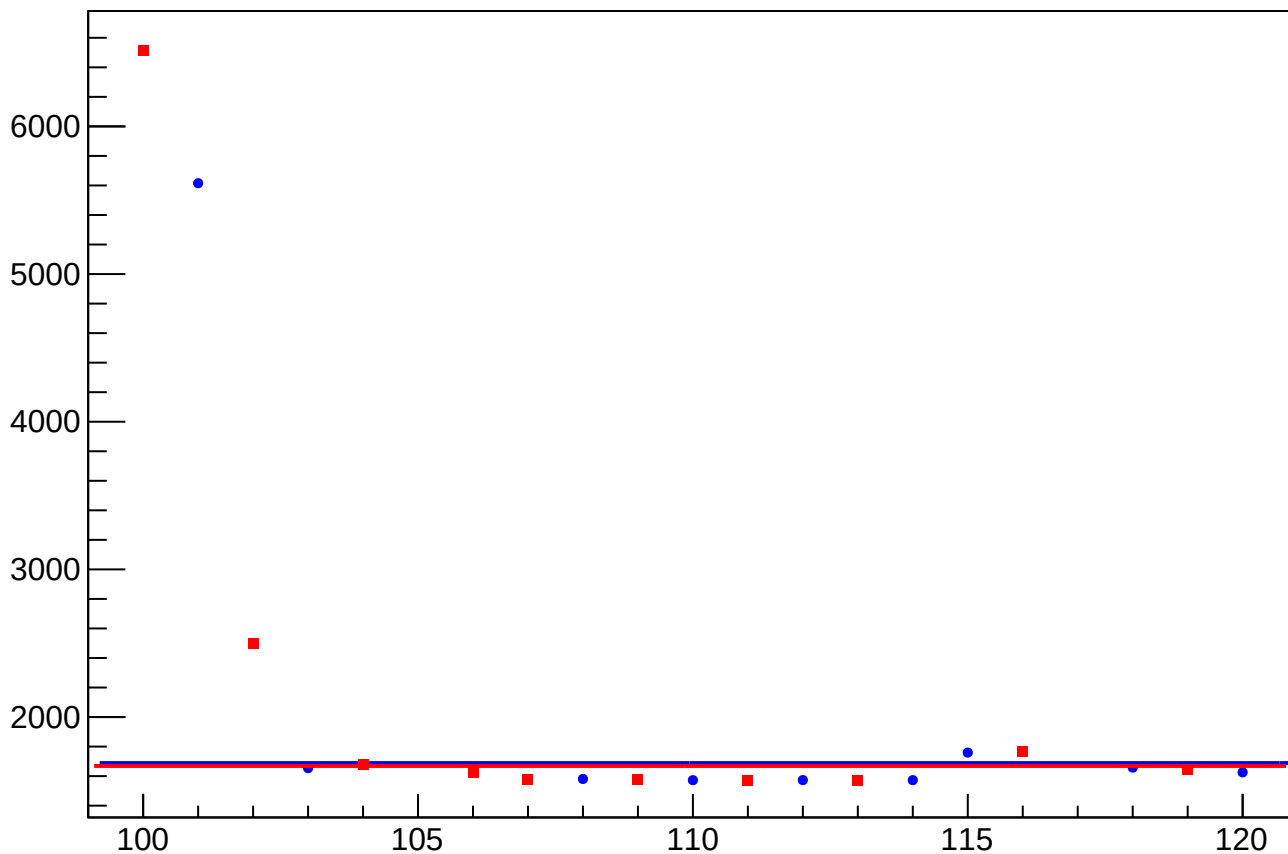
Right: 2207.303+/-626.283 χ^2/NDF : 10.5/18

In: 2308.460+/-922.637 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2207.303+/-626.283 χ^2/NDF : 10.5/18

eigen_dit_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1688.209+/-0.652 χ^2/NDF : 658033.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1669.052+/-0.603 χ^2/NDF : 192130.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

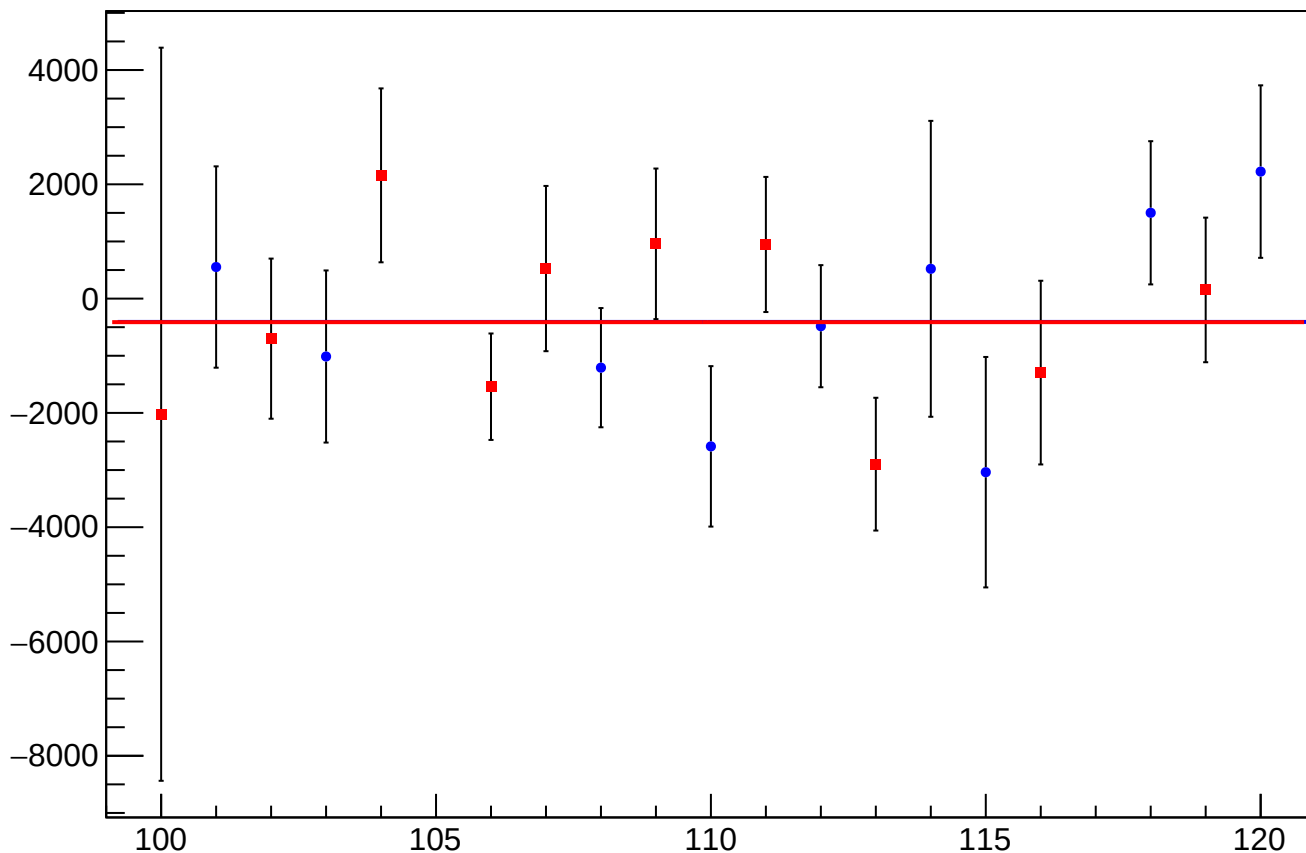
Right: 1677.879+/-0.443 χ^2/NDF : 850628.4/18

In: 1688.209+/-0.652 χ^2/NDF : 658033.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1677.879+/-0.443 χ^2/NDF : 850628.4/18

asym_usr_atr1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -408.006+/-469.490 χ^2/NDF : 10.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -411.840+/-421.021 χ^2/NDF : 12.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

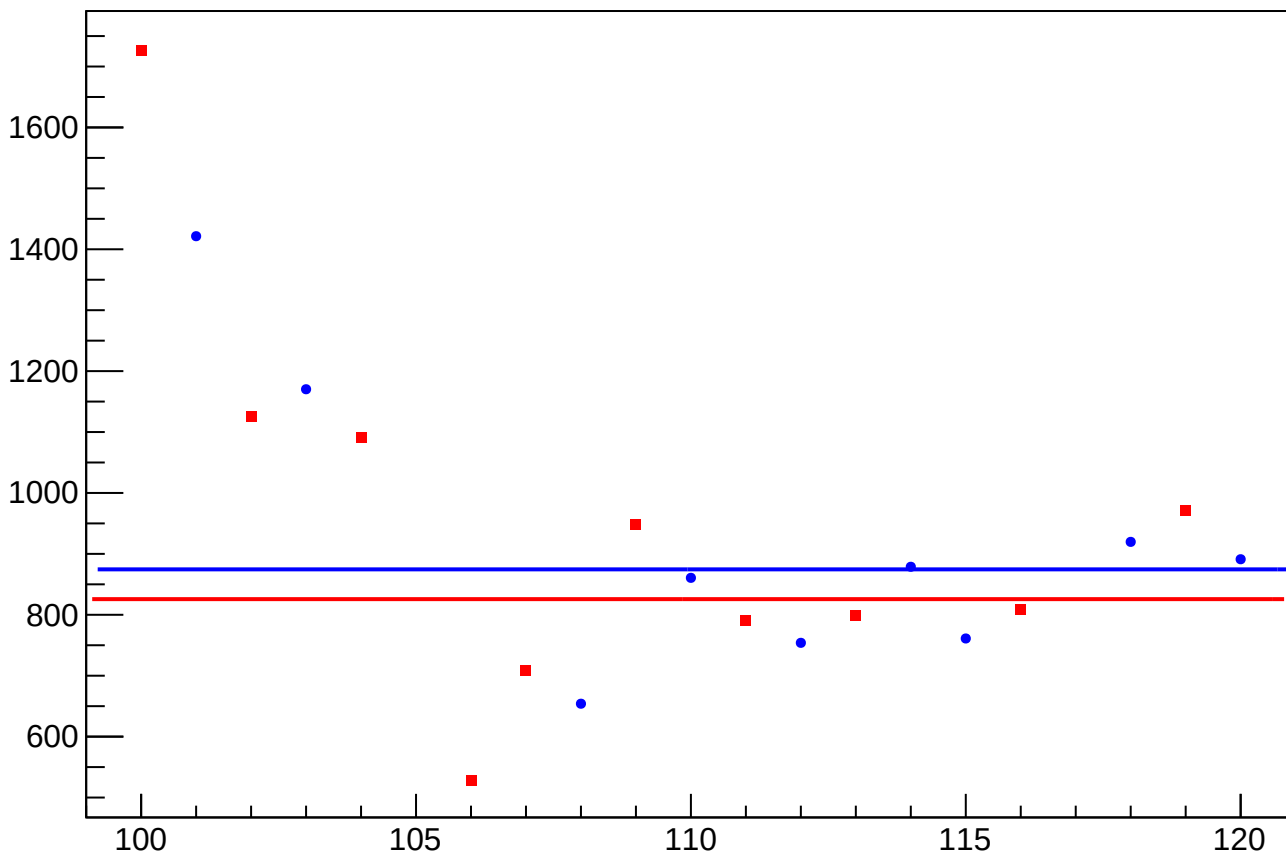
Right: -410.131+/-313.447 χ^2/NDF : 23.0/18

In: -408.006+/-469.490 χ^2/NDF :10.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -410.131+/-313.447 χ^2/NDF : 23.0/18

asym_usr_atr1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 874.572+/-0.332 χ^2/NDF : 394132.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 825.700+/-0.298 χ^2/NDF : 456226.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

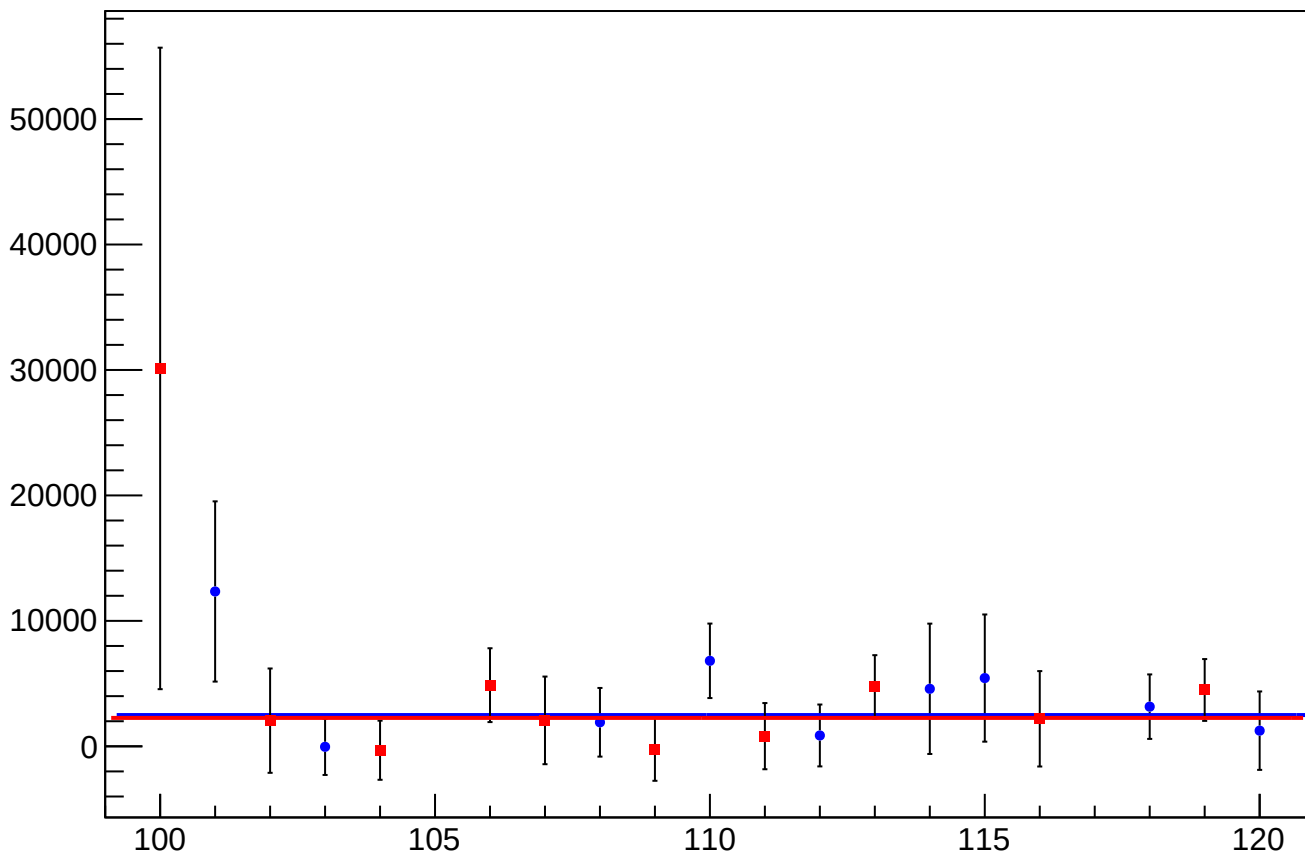
Right: 847.484+/-0.222 χ^2/NDF : 862371.5/18

In: 874.572+/-0.332 χ^2/NDF : 394132.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 847.484+/-0.222 χ^2/NDF : 862371.5/18

asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2492.830+/-1021.027 χ^2/NDF : 6.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2265.083+/-941.275 χ^2/NDF : 6.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

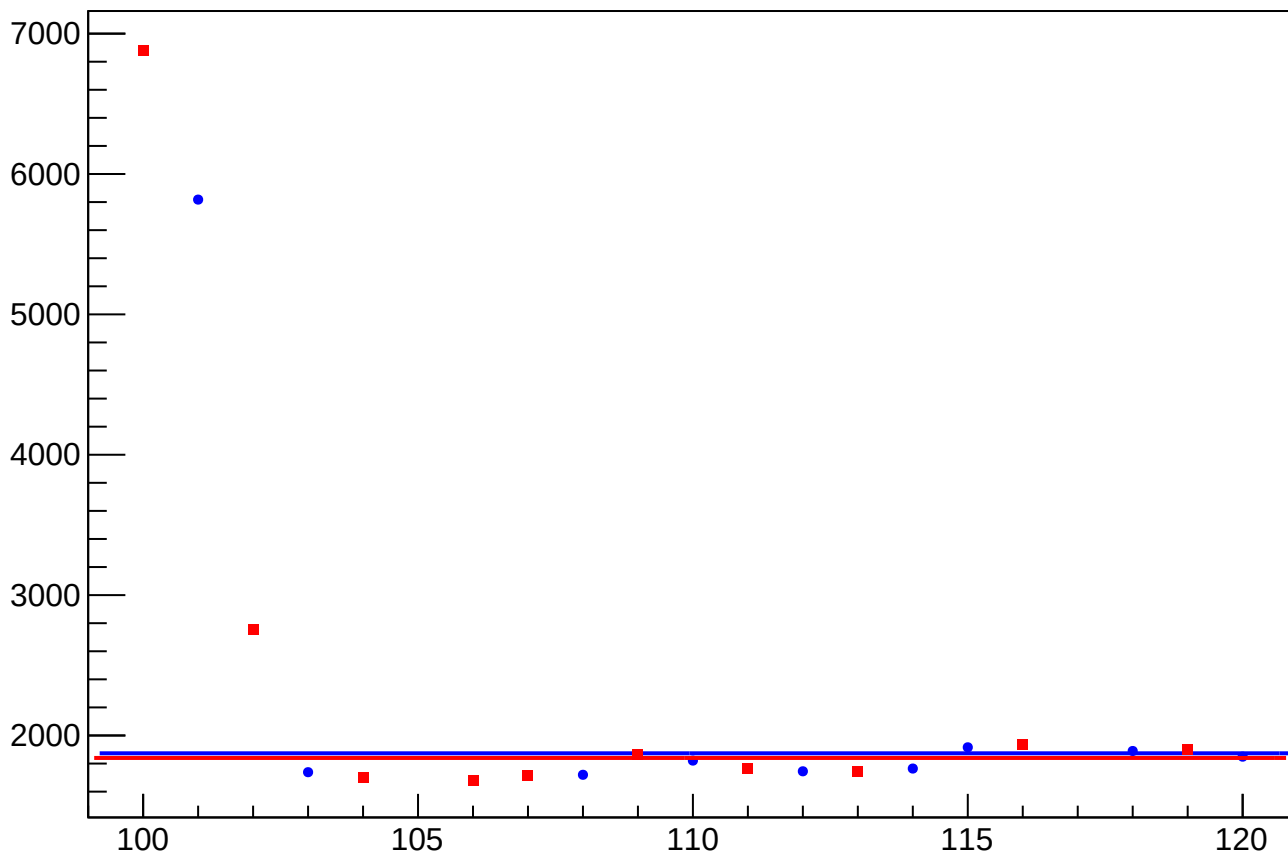
Right: 2369.716+/-692.061 χ^2/NDF : 12.7/18

In: 2492.830+/-1021.027 χ^2/NDF : 6.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2369.716+/-692.061 χ^2/NDF : 12.7/18

asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1873.057+/-0.722 χ^2/NDF : 623689.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1839.958+/-0.666 χ^2/NDF : 197928.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

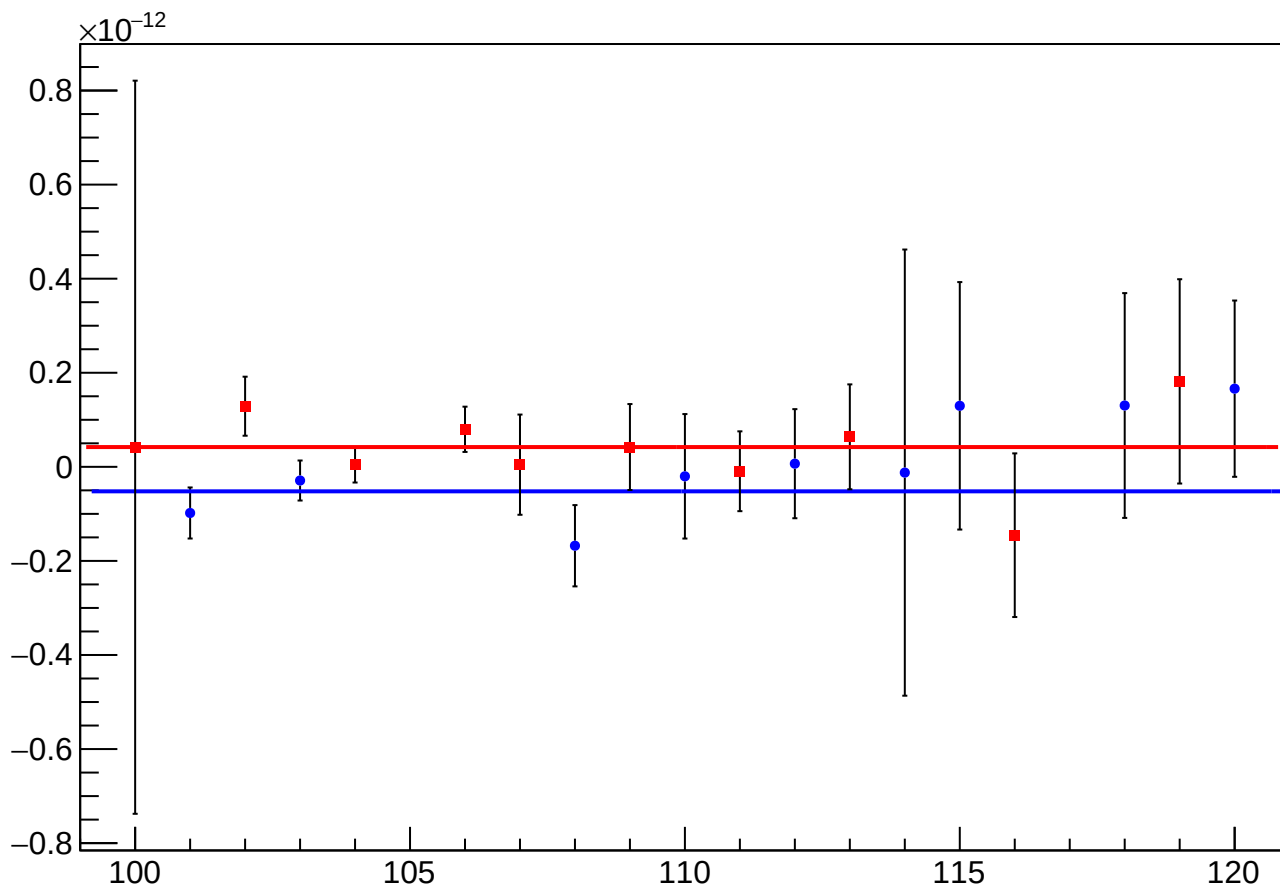
Right: 1855.165+/-0.489 χ^2/NDF : 822754.1/18

In: 1873.057+/-0.722 χ^2/NDF : 623689.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1855.165+/-0.489 χ^2/NDF : 822754.1/18

asym_usr_atr1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 5.5/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 5.6/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

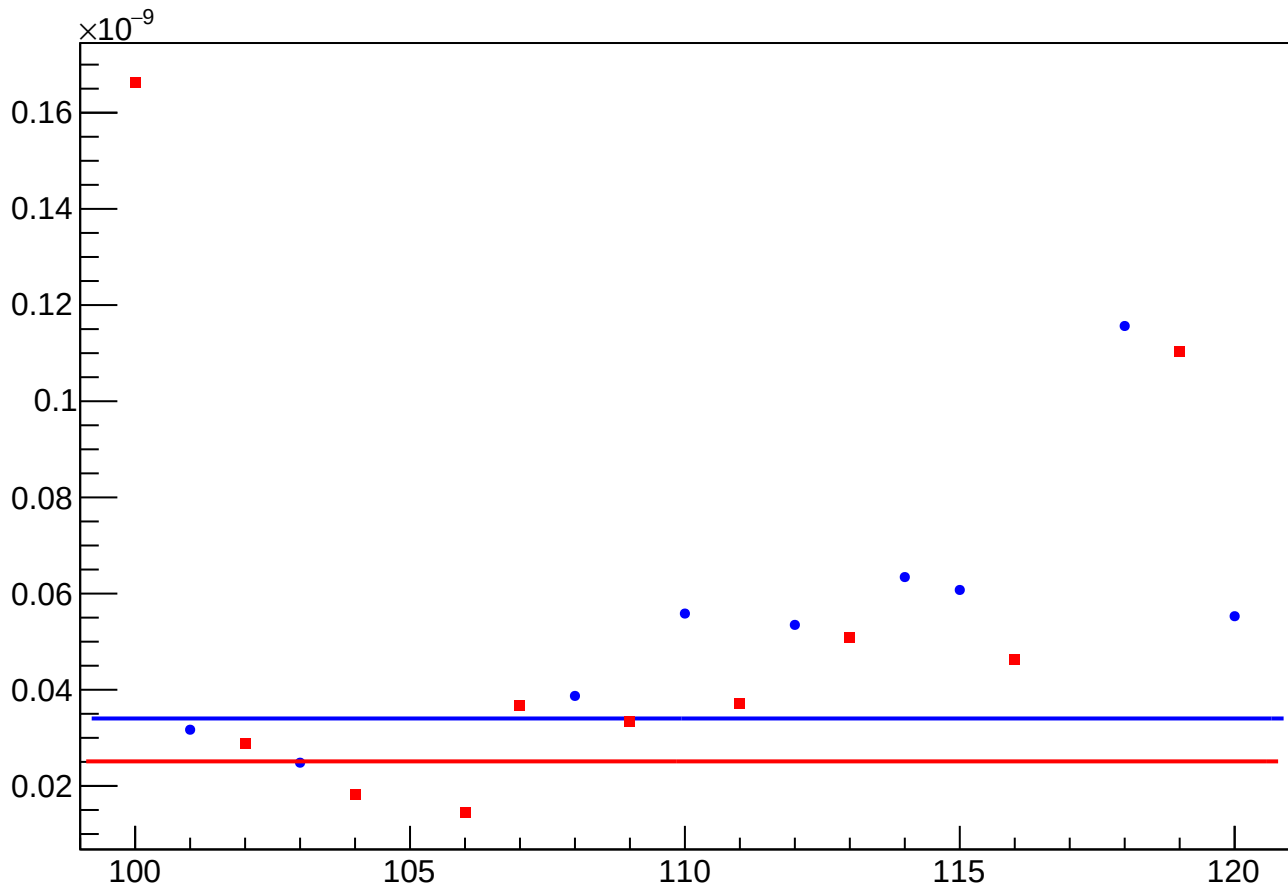
Right: 0.000+/-0.000 χ^2 /NDF: 17.7/18

In: -0.000+/-0.000 χ^2 /NDF:5.5/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 17.7/18

asym_usr_atr1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 501223.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 763571.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

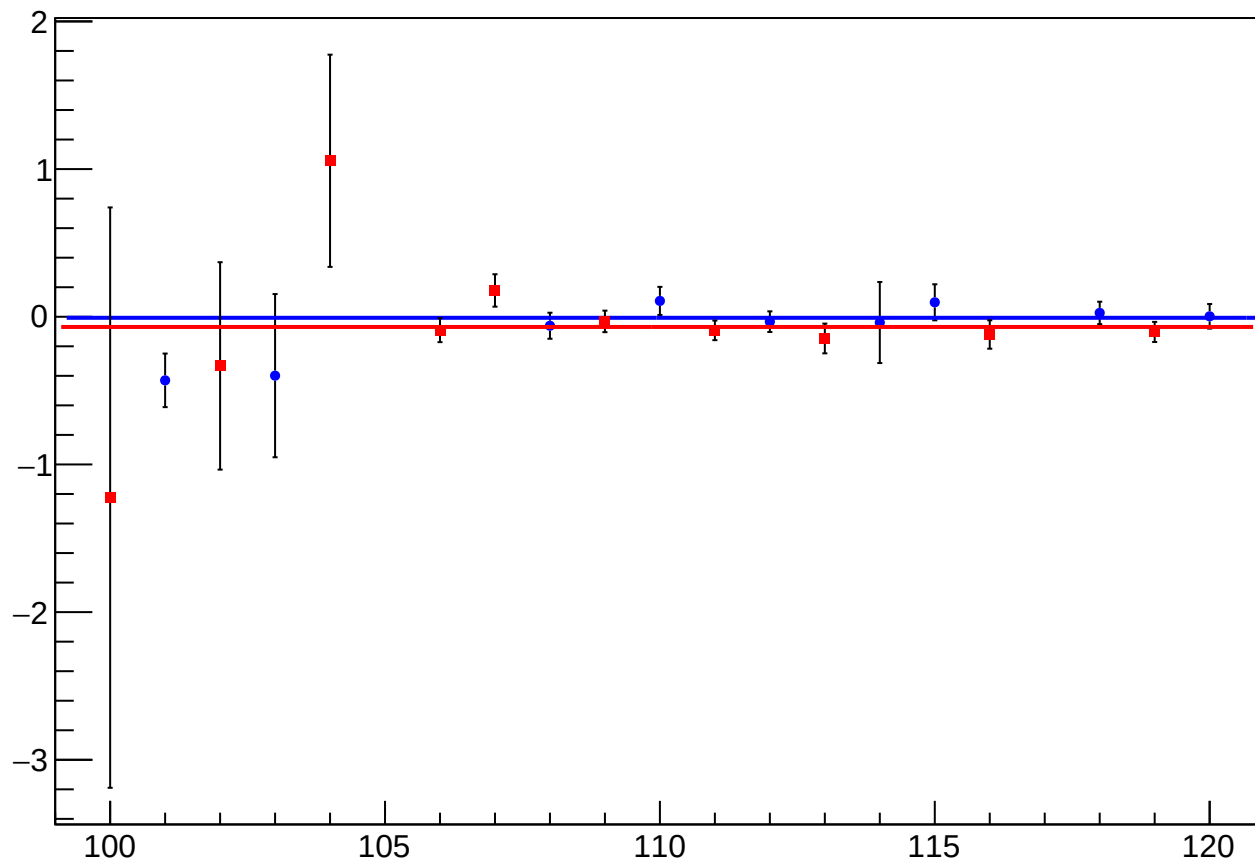
Right: 0.000+/-0.000 χ^2/NDF : 1382533.1/18

In: 0.000+/-0.000 χ^2/NDF : 501223.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1382533.1/18

asym_usr_atr1_avg_dit_vs_Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.034 χ^2 /NDF: 8.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.069 $\pm$ 0.030 χ^2 /NDF: 9.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

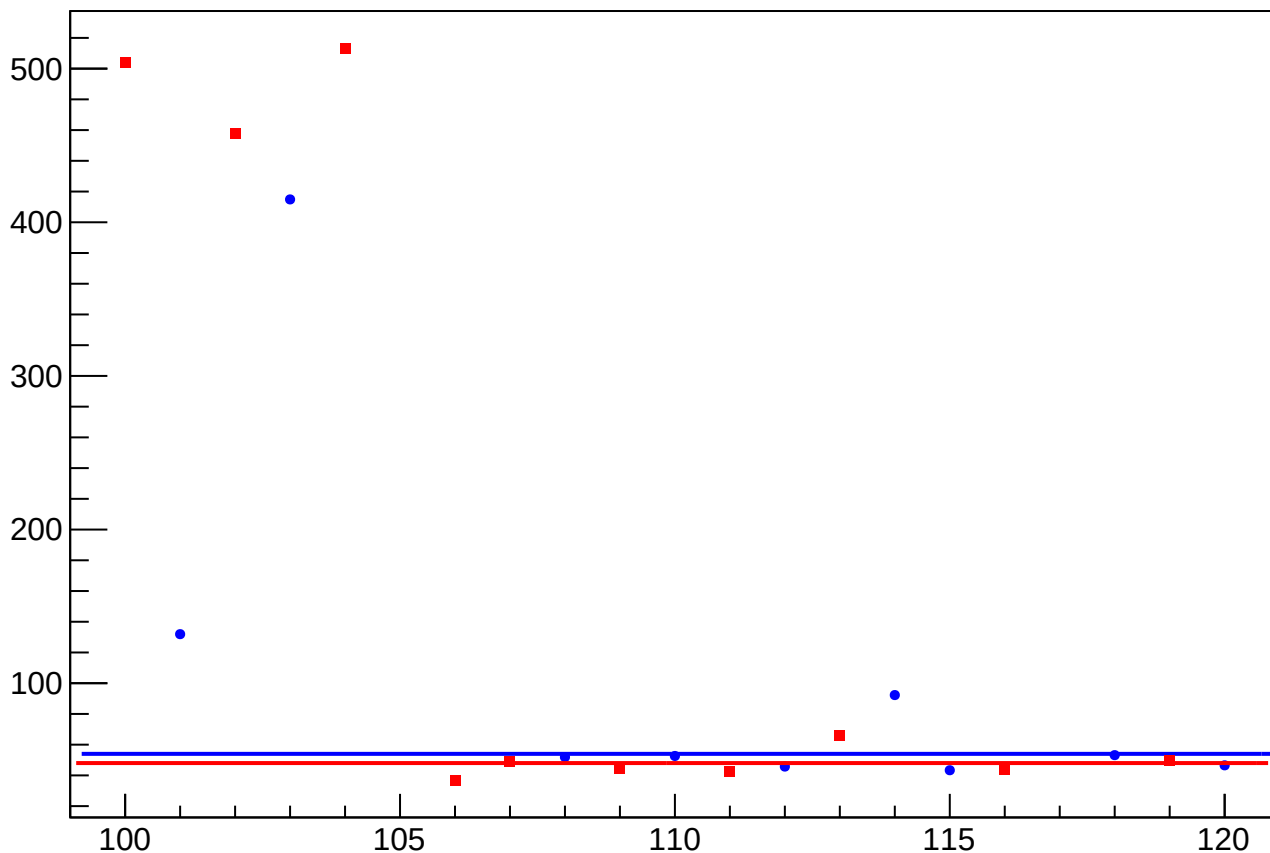
Right: -0.041 $\pm$ 0.023 χ^2 /NDF: 20.3/18

In: -0.007 $\pm$ 0.034 χ^2 /NDF:8.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.041 $\pm$ 0.023 χ^2 /NDF: 20.3/18

asym_usr_atr1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.022+/-0.024 χ^2/NDF : 1322341.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.027+/-0.022 χ^2/NDF : 1754781.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

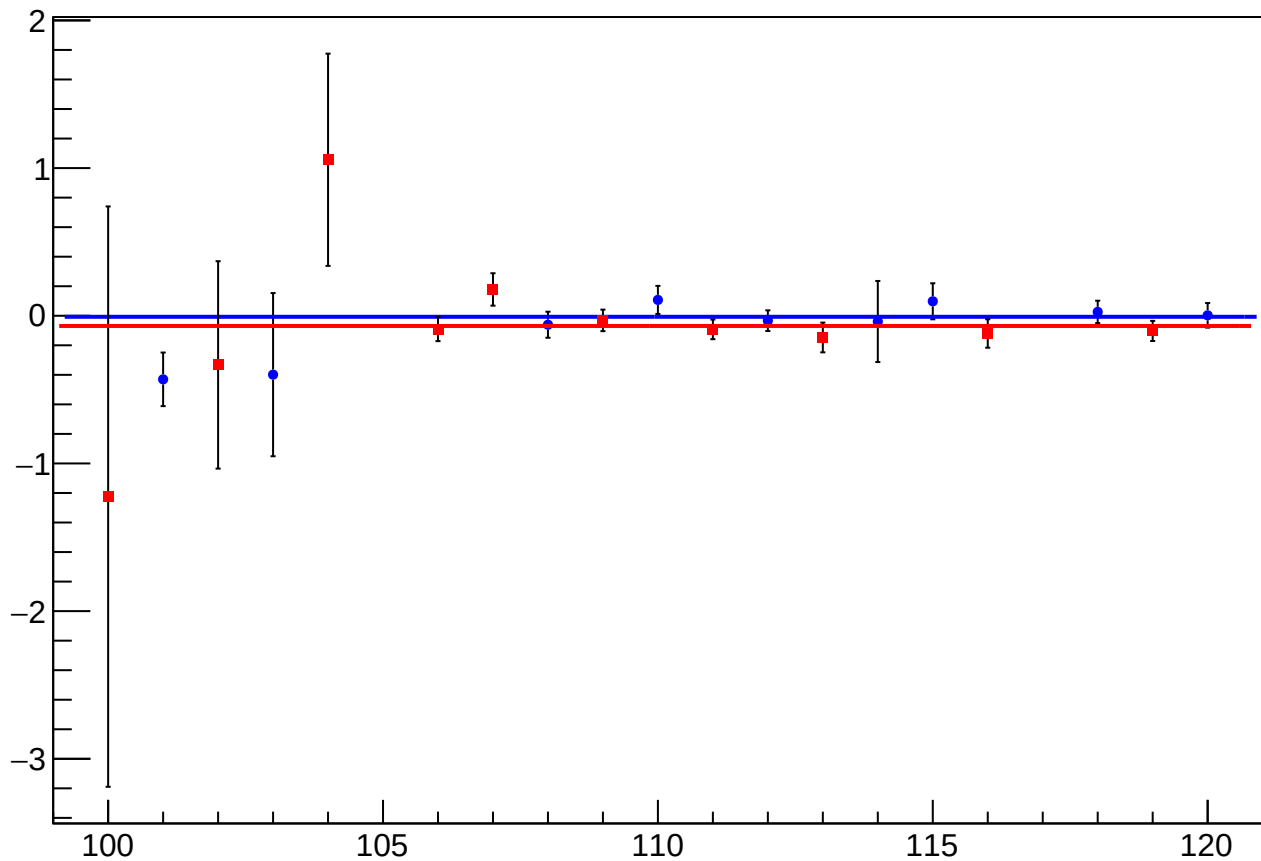
Right: 50.718+/-0.016 χ^2/NDF : 3111837.5/18

In: 54.022+/-0.024 χ^2/NDF : 1322341.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.718+/-0.016 χ^2/NDF : 3111837.5/18

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.034 χ^2/NDF : 8.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.069 $\pm$ 0.030 χ^2/NDF : 9.6/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

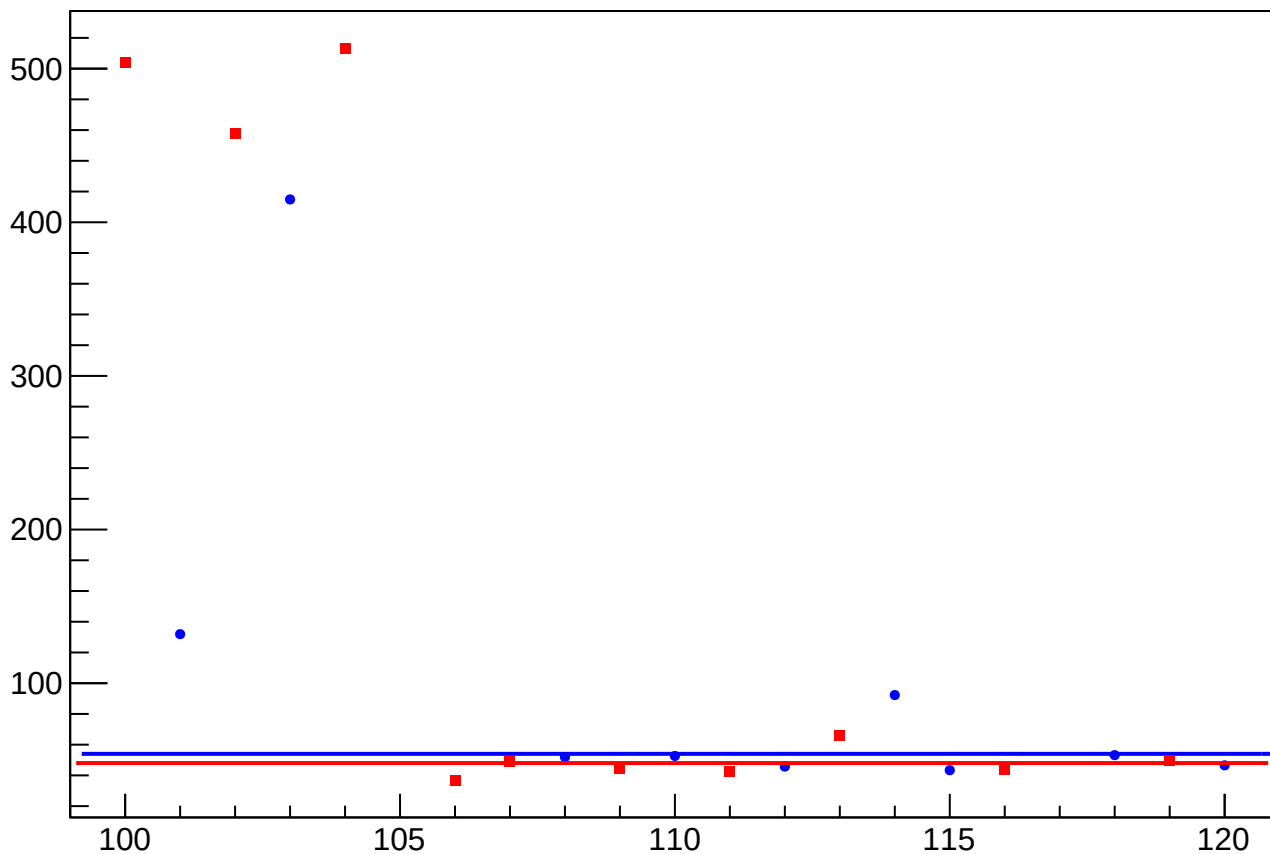
Right: -0.041 $\pm$ 0.023 χ^2/NDF : 20.3/18

In: -0.007 $\pm$ 0.034 χ^2/NDF : 8.9/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.041 $\pm$ 0.023 χ^2/NDF : 20.3/18

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.022+/-0.024 χ^2/NDF : 1322341.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.027+/-0.022 χ^2/NDF : 1754781.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

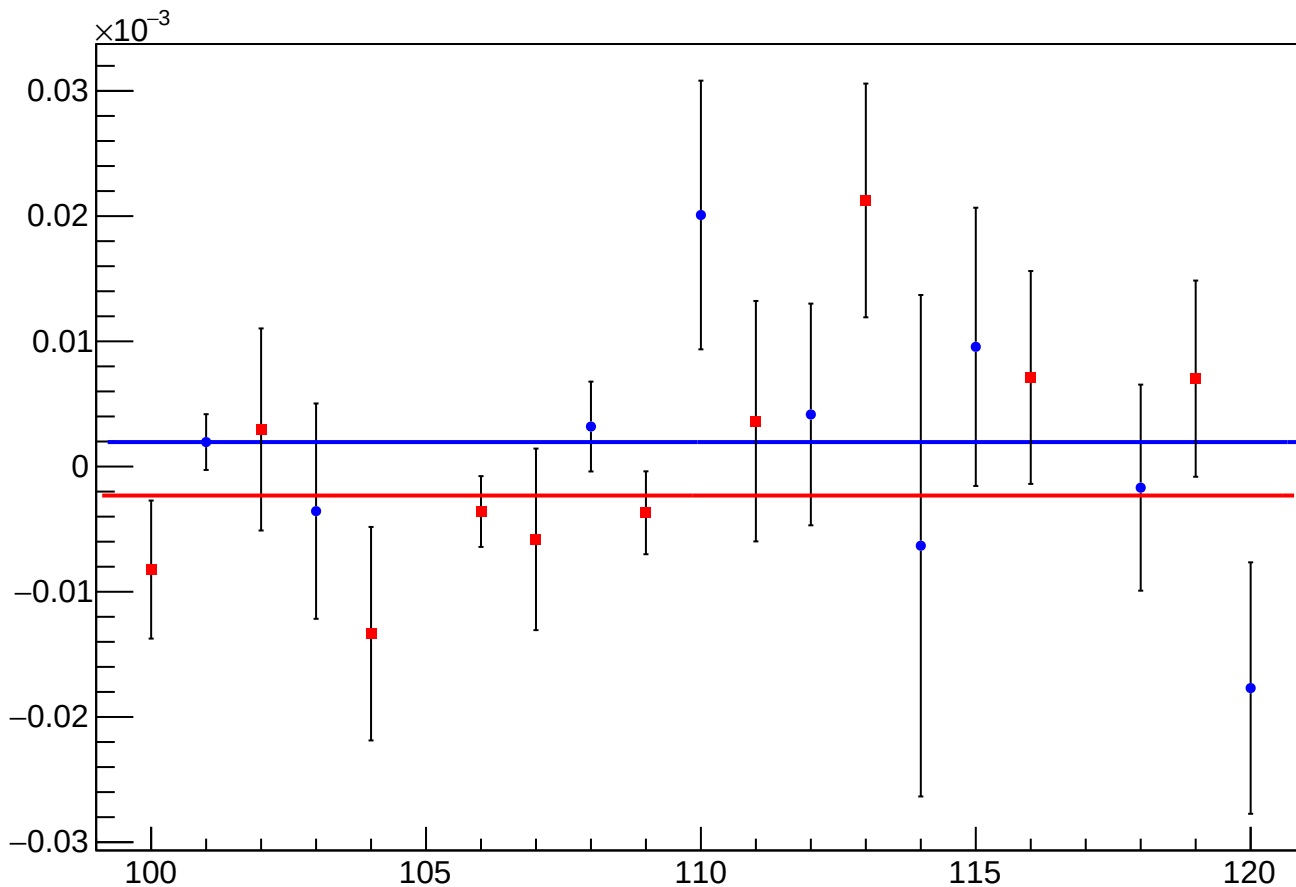
Right: 50.718+/-0.016 χ^2/NDF : 3111837.5/18

In: 54.022+/-0.024 χ^2/NDF : 1322341.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.718+/-0.016 χ^2/NDF : 3111837.5/18

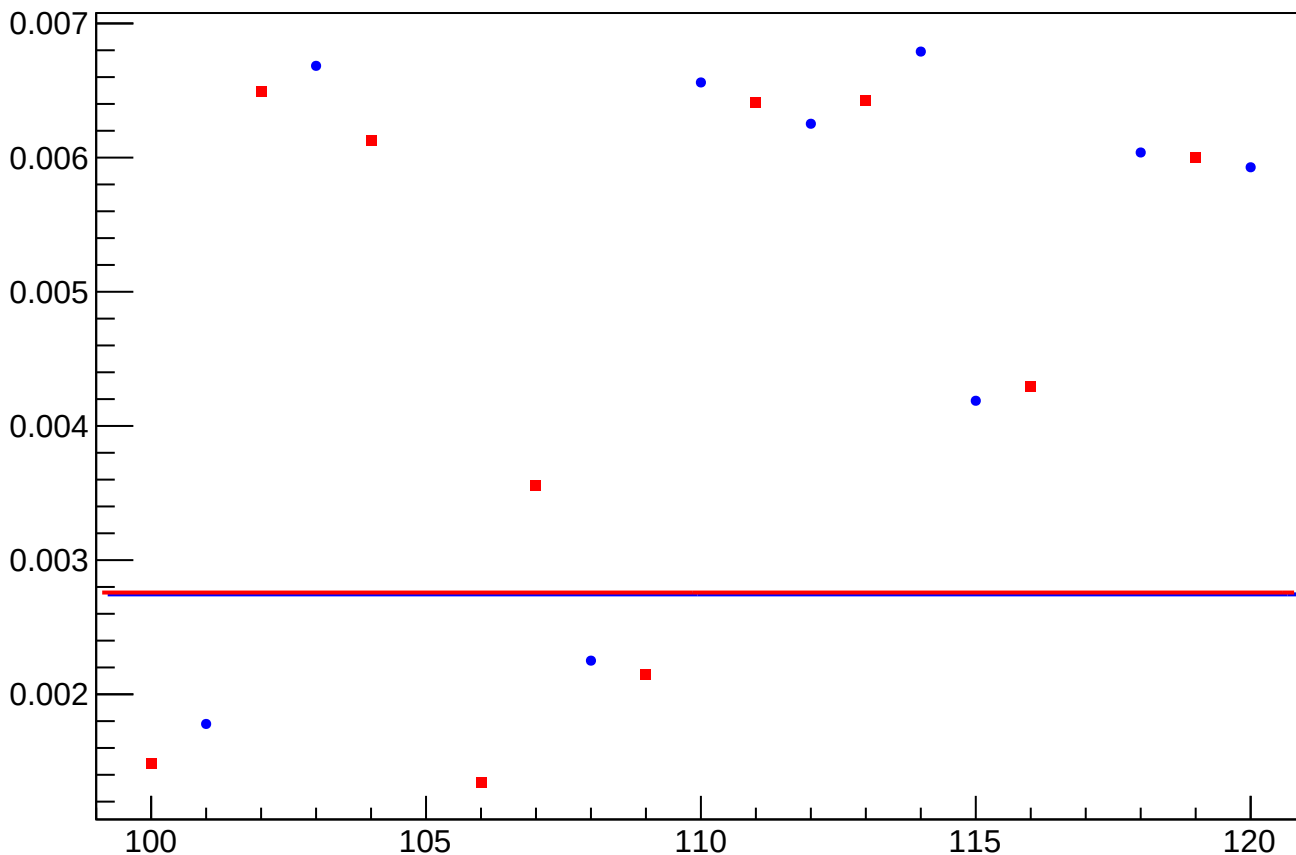
asym_usr_atr1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.1/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 13.3/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 24.6/18
 In: 0.000+/-0.000 χ^2/NDF : 8.1/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 24.6/18

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 2037677.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2447383.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

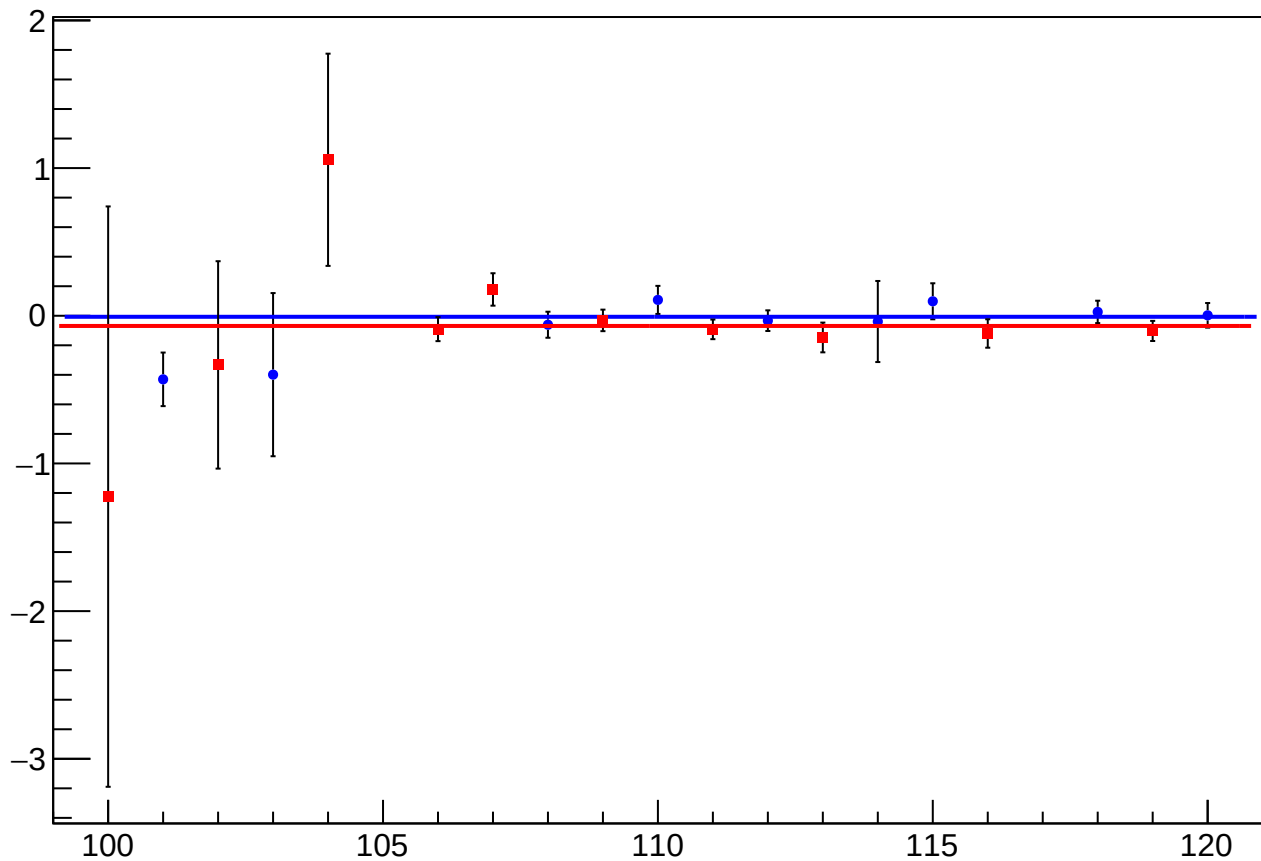
Right: 0.003+/-0.000 χ^2/NDF : 4485126.8/18

In: 0.003+/-0.000 χ^2/NDF : 2037677.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 4485126.8/18

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007+/-0.034 χ^2/NDF : 8.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.069+/-0.030 χ^2/NDF : 9.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

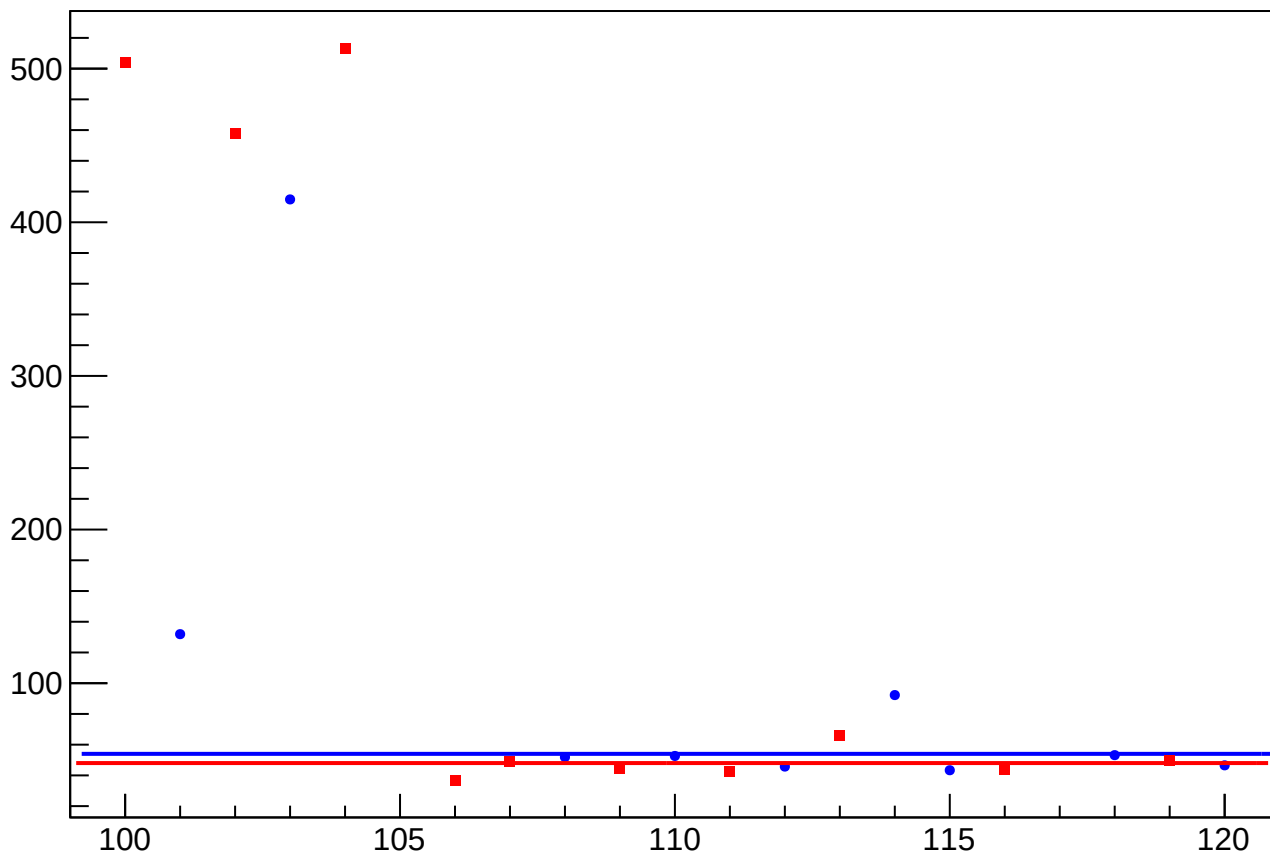
Right: -0.041+/-0.023 χ^2/NDF : 20.3/18

In: -0.007+/-0.034 χ^2/NDF : 8.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.041+/-0.023 χ^2/NDF : 20.3/18

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.023+/-0.024 χ^2/NDF : 1322330.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.026+/-0.022 χ^2/NDF : 1754748.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

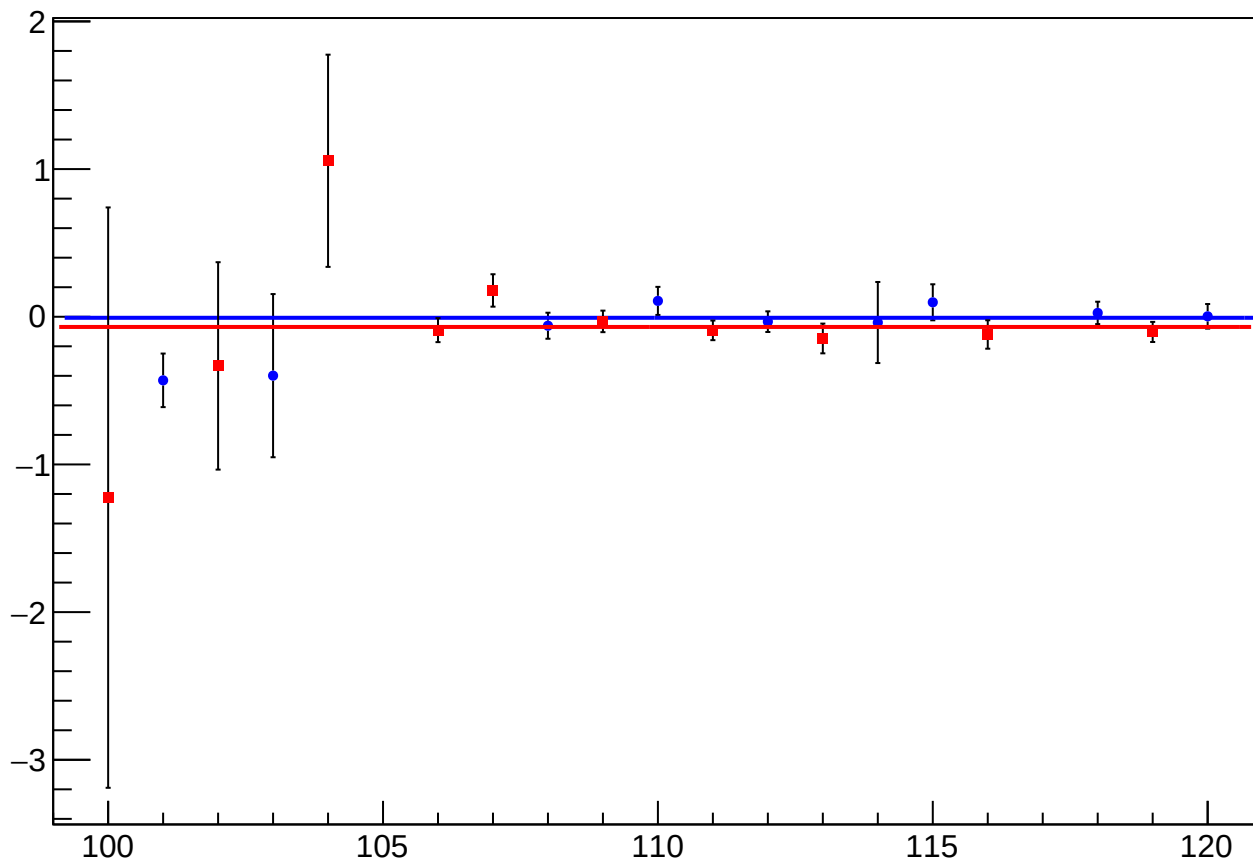
Right: 50.718+/-0.016 χ^2/NDF : 3111806.1/18

In: 54.023+/-0.024 χ^2/NDF : 1322330.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.718+/-0.016 χ^2/NDF : 3111806.1/18

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.034 χ^2 /NDF: 8.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.069 $\pm$ 0.030 χ^2 /NDF: 9.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

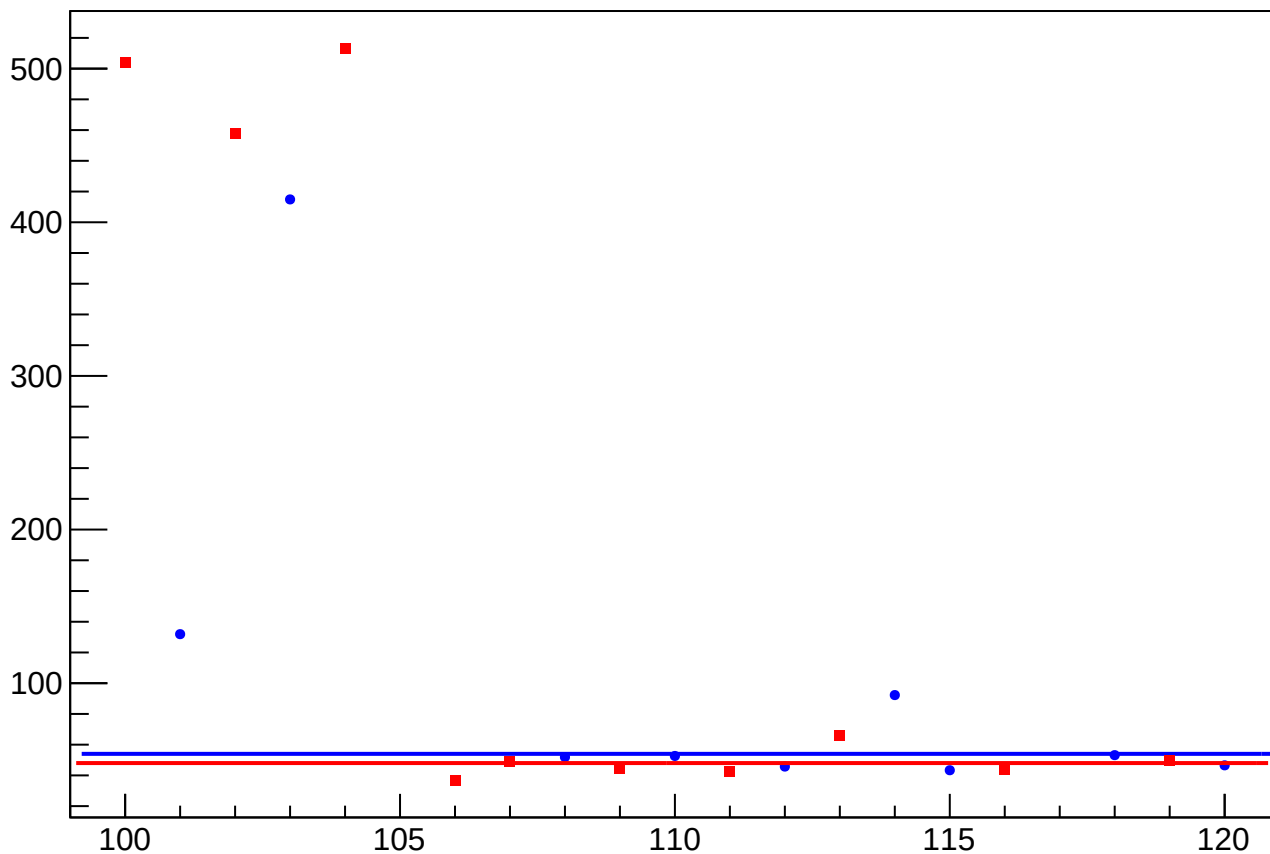
Right: -0.041 $\pm$ 0.023 χ^2 /NDF: 20.3/18

In: -0.007 $\pm$ 0.034 χ^2 /NDF:8.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.041 $\pm$ 0.023 χ^2 /NDF: 20.3/18

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.023+/-0.024 χ^2/NDF : 1322330.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.026+/-0.022 χ^2/NDF : 1754748.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

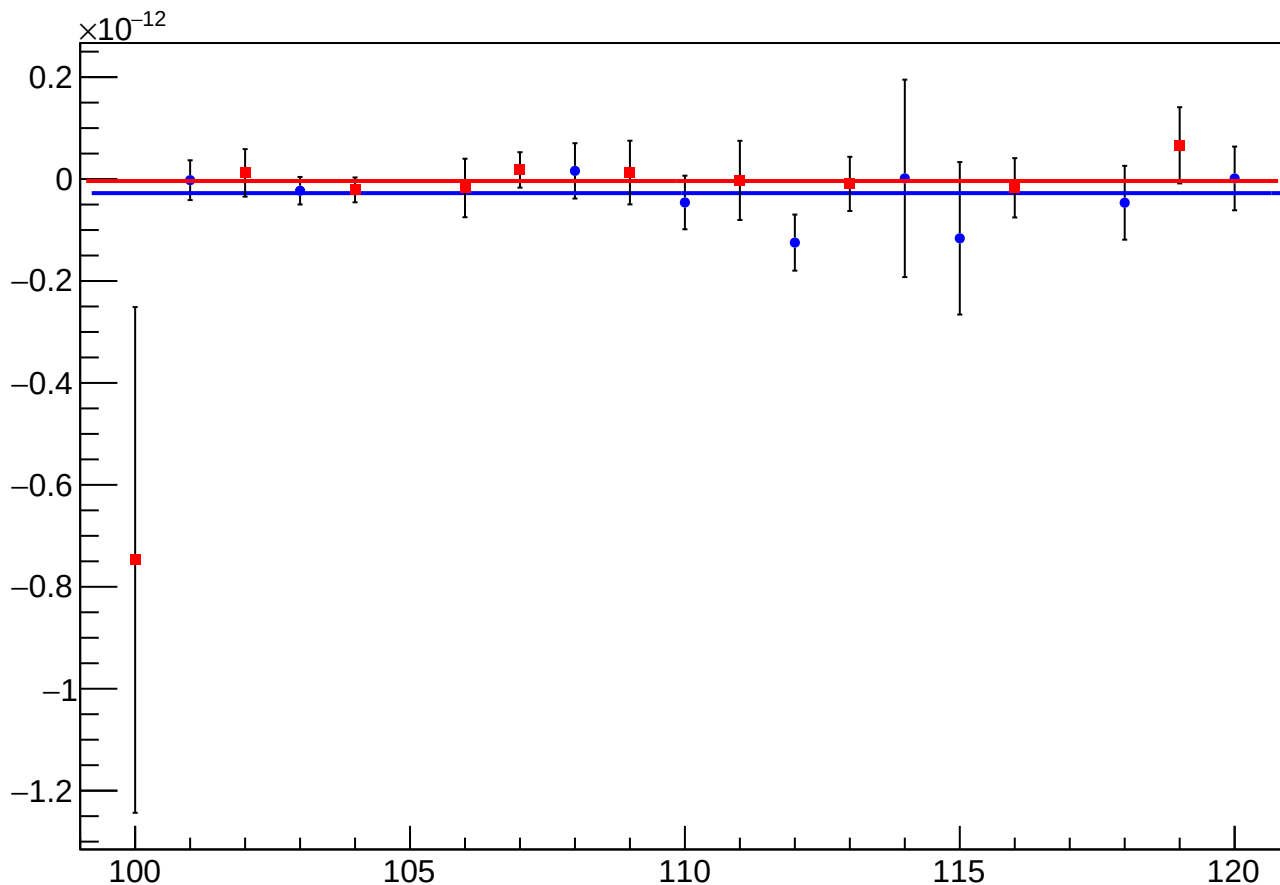
Right: 50.718+/-0.016 χ^2/NDF : 3111806.1/18

In: 54.023+/-0.024 χ^2/NDF : 1322330.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.718+/-0.016 χ^2/NDF : 3111806.1/18

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

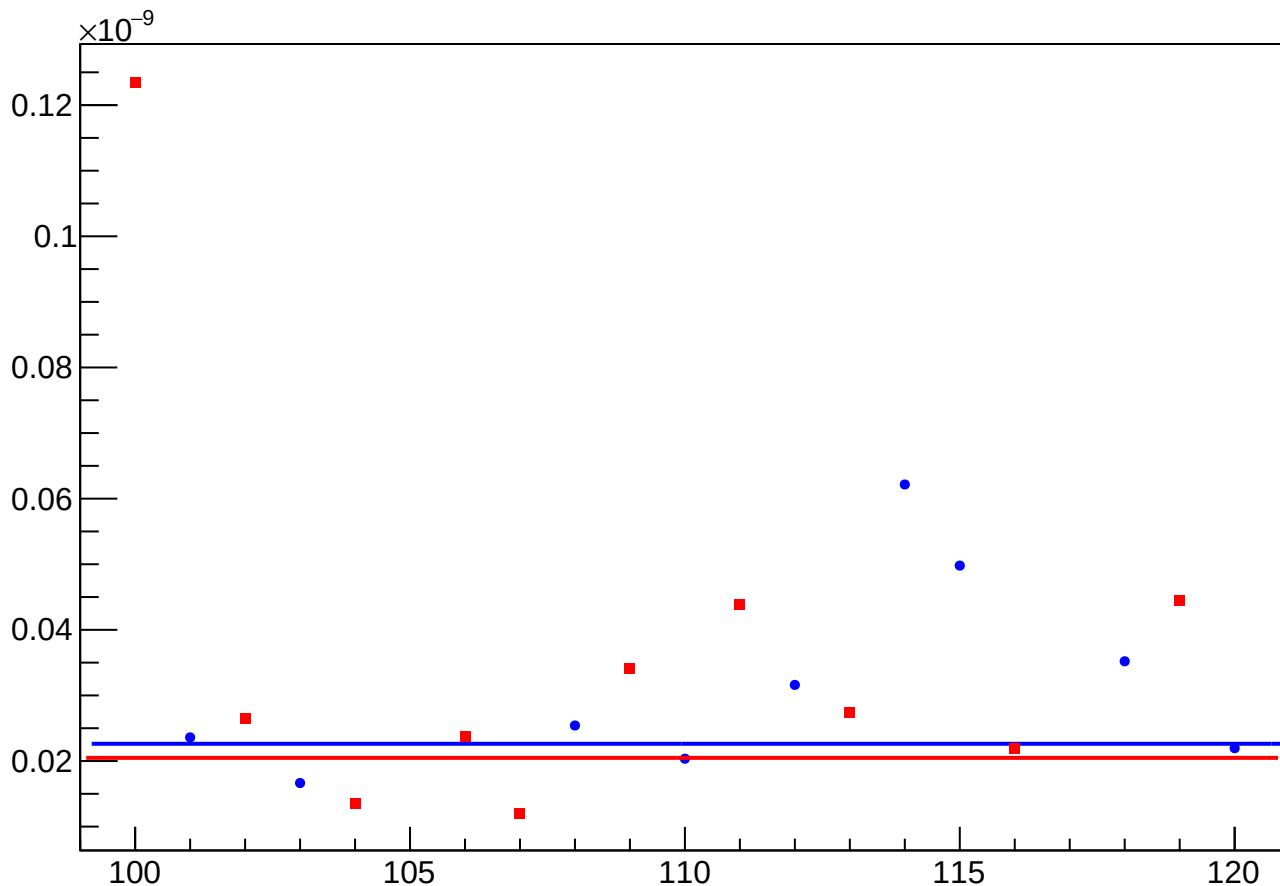
Right: -0.000+/-0.000 χ^2/NDF : 10.5/18

In: -0.000+/-0.000 χ^2/NDF : 5.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.5/18

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 371606.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 922904.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

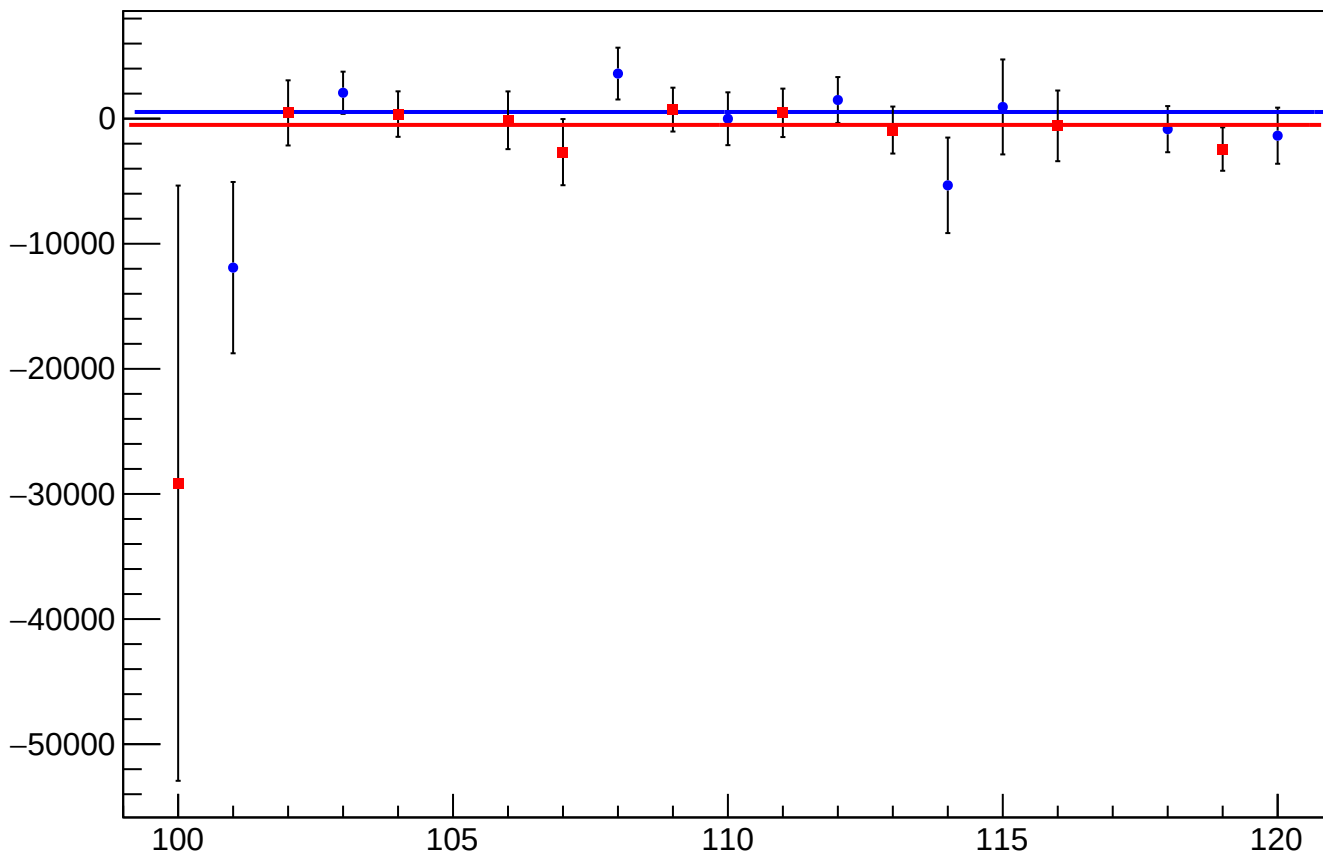
Right: 0.000+/-0.000 χ^2/NDF : 1312928.7/18

In: 0.000+/-0.000 χ^2/NDF : 371606.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1312928.7/18

reg_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 532.596+/-754.076 χ^2 /NDF: 10.3/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -500.453+/-687.608 χ^2 /NDF: 4.5/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

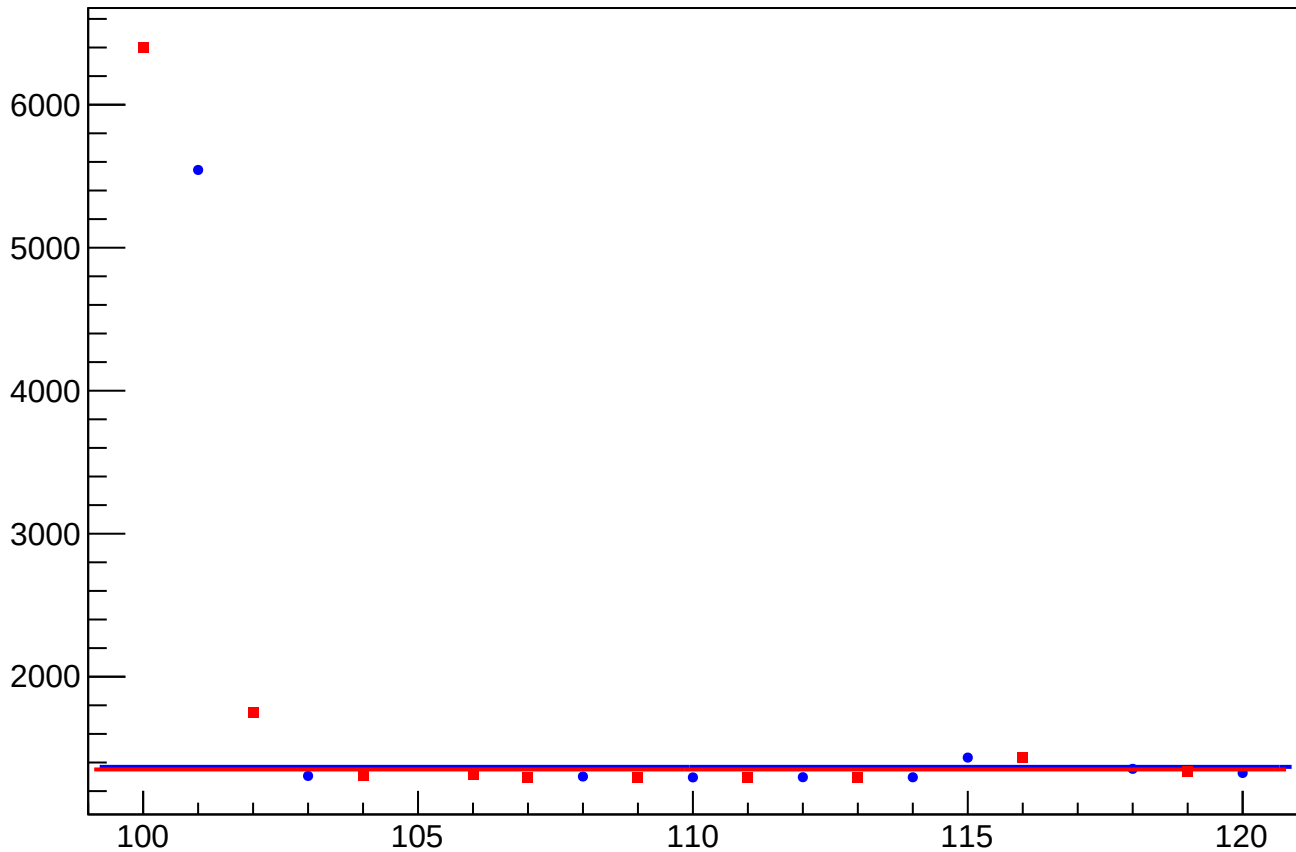
Right: -31.455+/-508.089 χ^2 /NDF: 15.9/18

In: 532.596+/-754.076 χ^2 /NDF:10.3/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -31.455+/-508.089 χ^2 /NDF: 15.9/18

reg_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1369.553+/-0.533 χ^2/NDF : 755965.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1351.384+/-0.486 χ^2/NDF : 146476.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

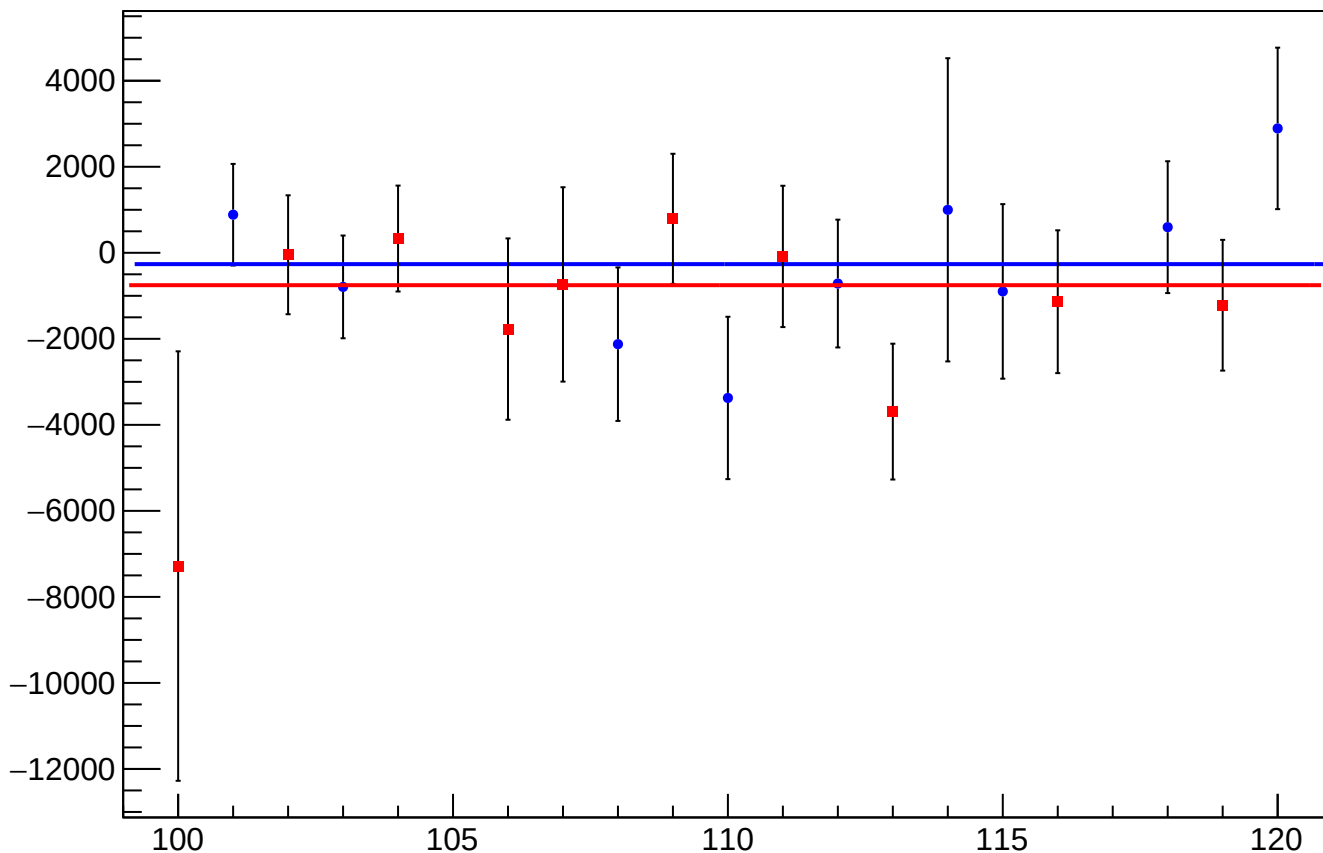
Right: 1359.632+/-0.359 χ^2/NDF : 903075.8/18

In: 1369.553+/-0.533 χ^2/NDF : 755965.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1359.632+/-0.359 χ^2/NDF : 903075.8/18

asym_usr_atr1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -263.412+/-534.586 χ^2/NDF : 8.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -752.948+/-523.527 χ^2/NDF : 7.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

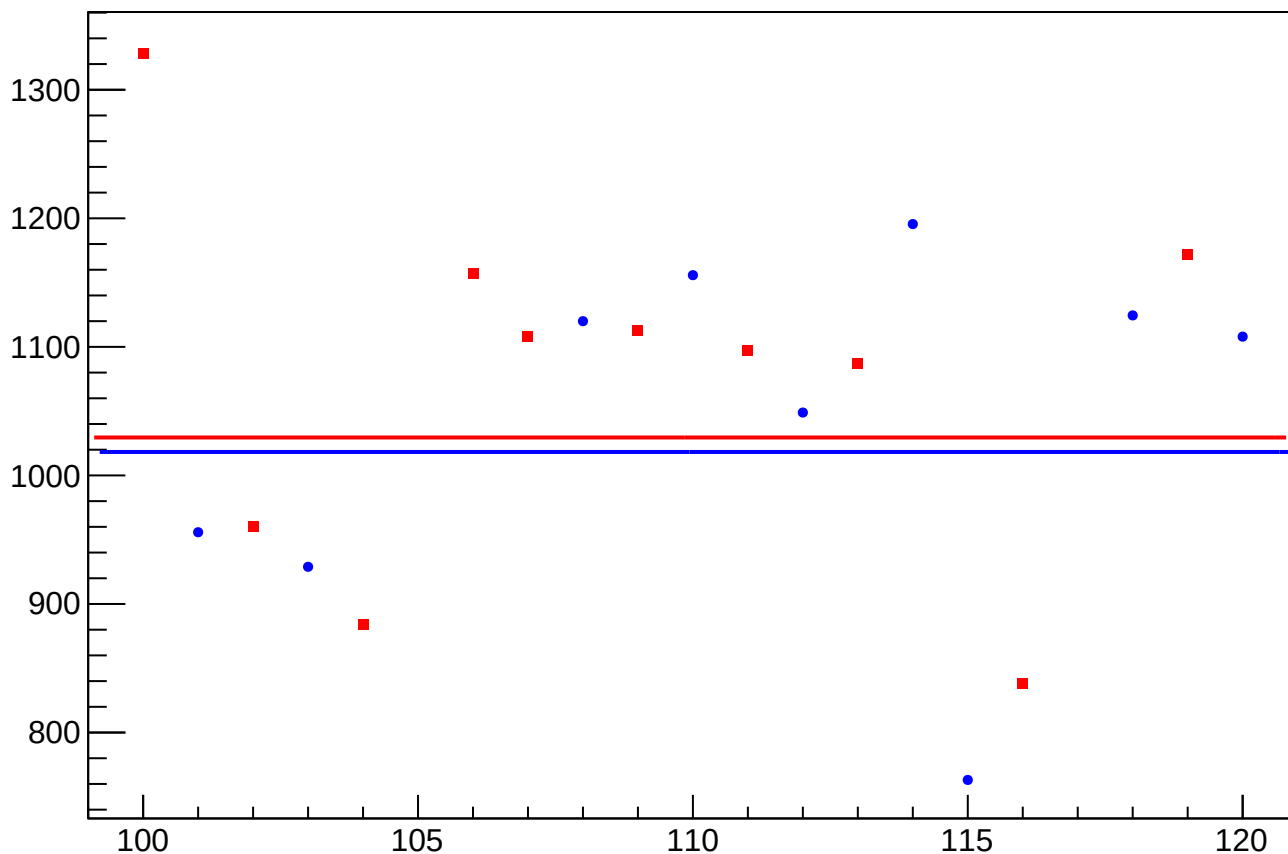
Right: -513.296+/-374.038 χ^2/NDF : 16.6/18

In: -263.412+/-534.586 χ^2/NDF : 8.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -513.296+/-374.038 χ^2/NDF : 16.6/18

asym_usr_atr1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1018.248+/-0.378 χ^2/NDF : 85620.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1029.520+/-0.370 χ^2/NDF : 106340.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

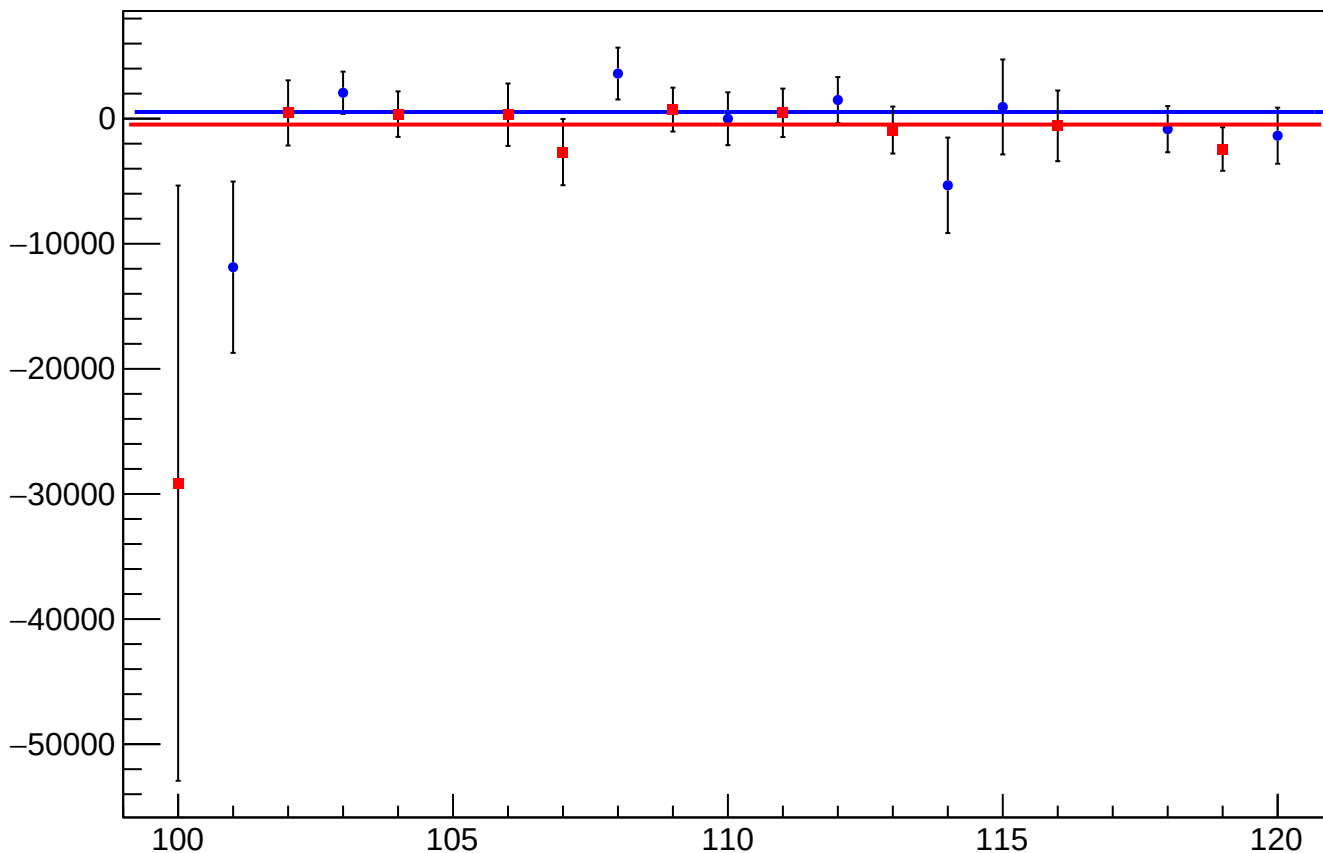
Right: 1024.002+/-0.264 χ^2/NDF : 192415.1/18

In: 1018.248+/-0.378 χ^2/NDF : 85620.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1024.002+/-0.264 χ^2/NDF : 192415.1/18

cor_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 533.018+/-754.076 χ^2/NDF : 10.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -471.754+/-692.049 χ^2/NDF : 4.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

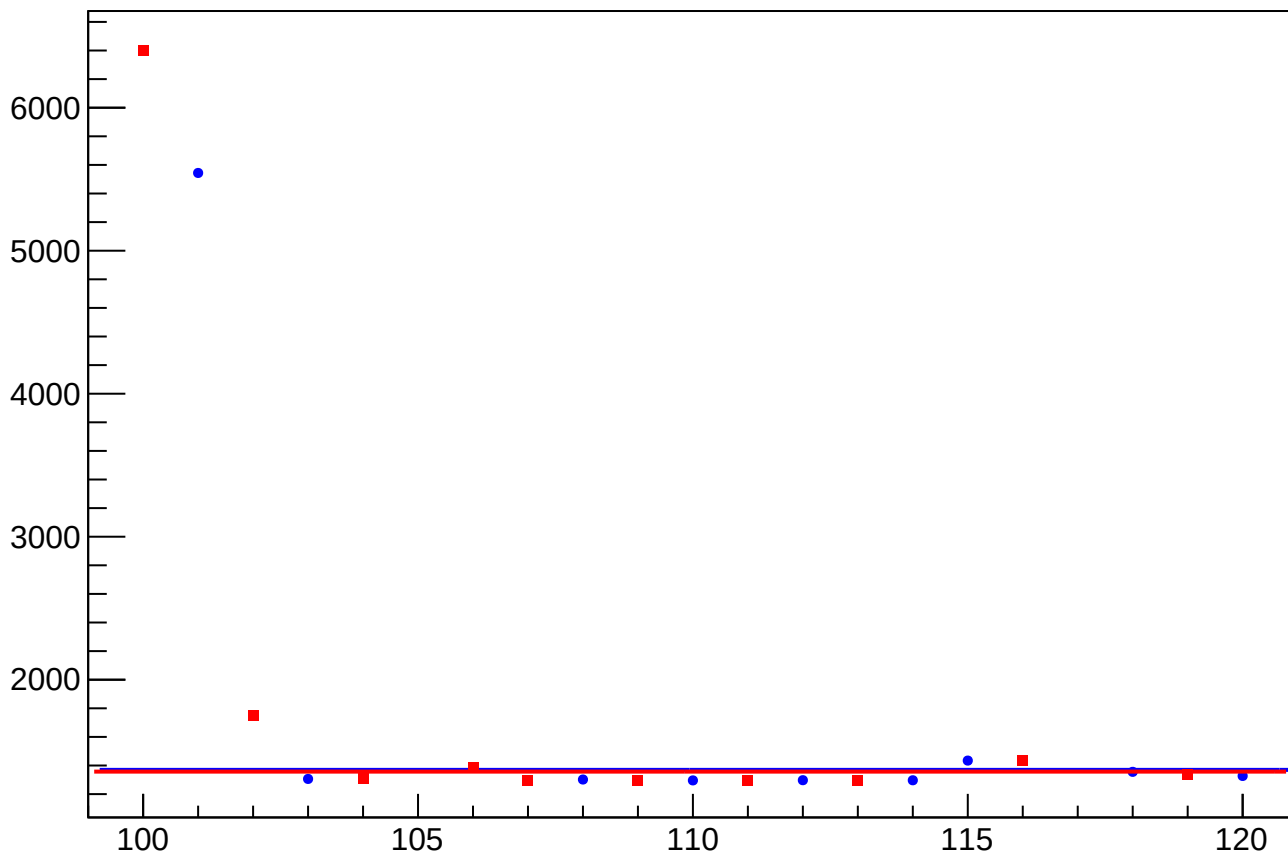
Right: -12.385+/-509.873 χ^2/NDF : 15.9/18

In: 533.018+/-754.076 χ^2/NDF :10.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -12.385+/-509.873 χ^2/NDF : 15.9/18

cor_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1369.552+/-0.533 χ^2/NDF : 755964.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1357.306+/-0.489 χ^2/NDF : 146348.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

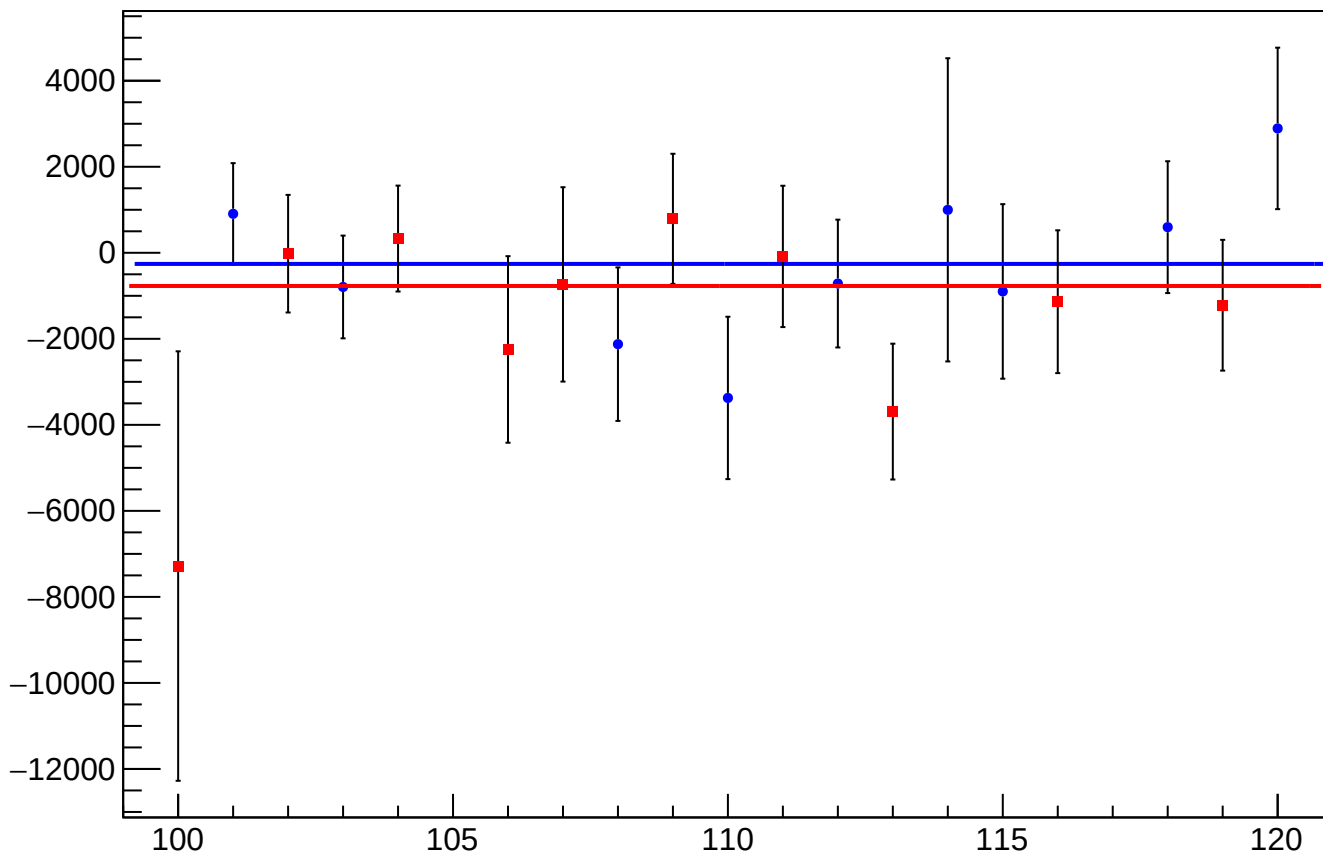
Right: 1362.905+/-0.361 χ^2/NDF : 902599.3/18

In: 1369.552+/-0.533 χ^2/NDF : 755964.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1362.905+/-0.361 χ^2/NDF : 902599.3/18

asym_usr_atr1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -258.485+/-534.361 χ^2/NDF : 8.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -771.221+/-523.557 χ^2/NDF : 8.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

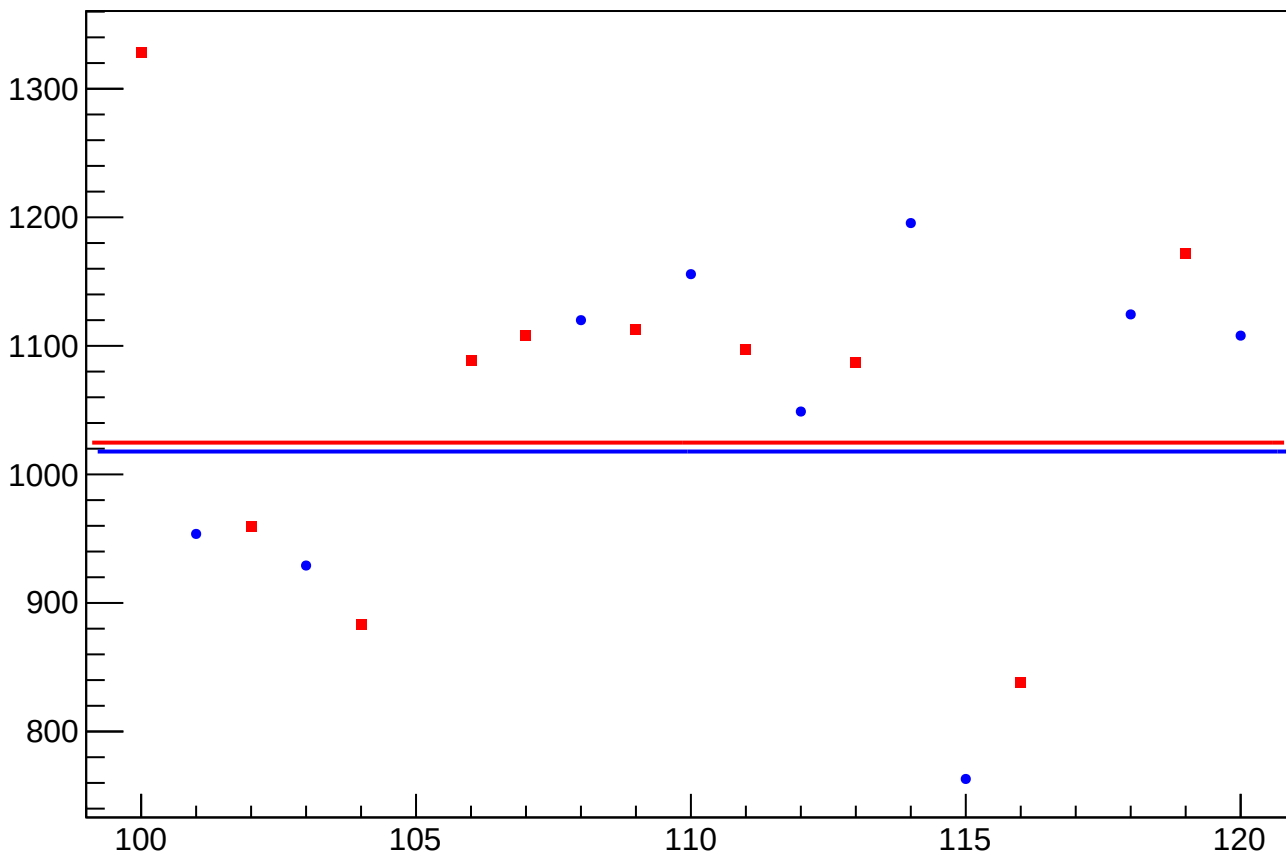
Right: -520.089+/-373.972 χ^2/NDF : 17.0/18

In: -258.485+/-534.361 χ^2/NDF : 8.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -520.089+/-373.972 χ^2/NDF : 17.0/18

asym_usr_atr1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1017.805+/-0.378 χ^2/NDF : 85975.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1024.734+/-0.370 χ^2/NDF : 100582.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

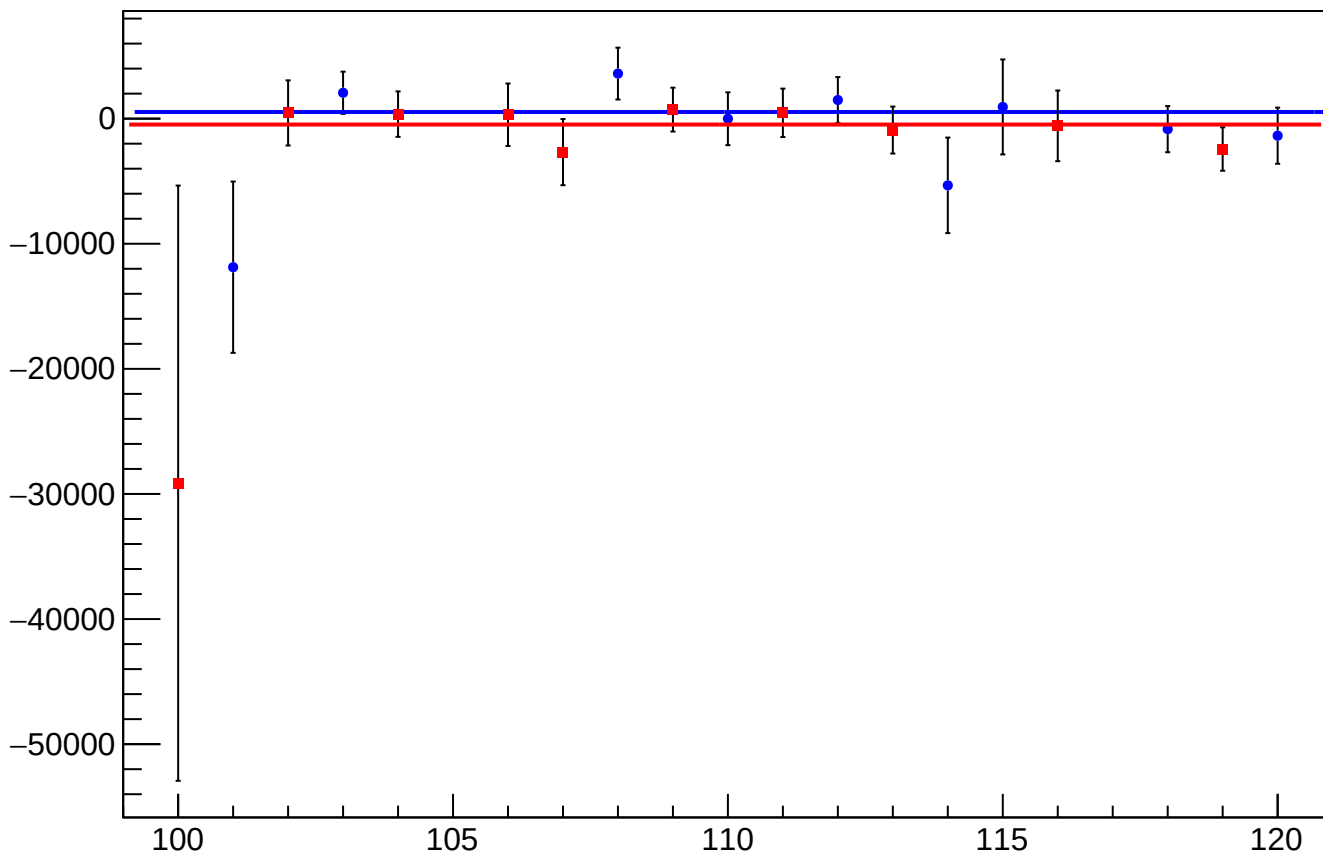
Right: 1021.340+/-0.264 χ^2/NDF : 186730.2/18

In: 1017.805+/-0.378 χ^2/NDF : 85975.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1021.340+/-0.264 χ^2/NDF : 186730.2/18

eigen_cor_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 533.018+/-754.076 χ^2/NDF : 10.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -471.754+/-692.049 χ^2/NDF : 4.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

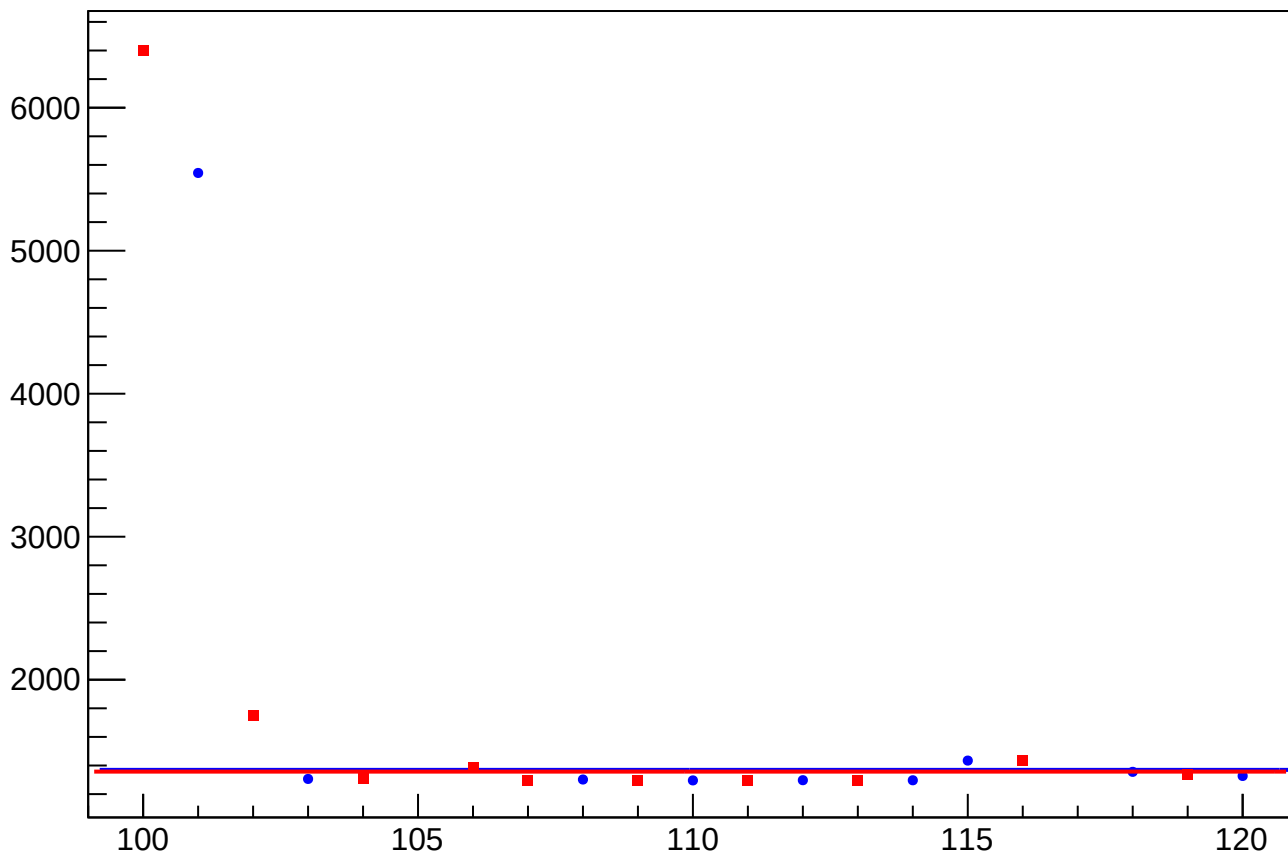
Right: -12.385+/-509.873 χ^2/NDF : 15.9/18

In: 533.018+/-754.076 χ^2/NDF :10.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -12.385+/-509.873 χ^2/NDF : 15.9/18

eigen_cor_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1369.552+/-0.533 χ^2/NDF : 755964.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1357.306+/-0.489 χ^2/NDF : 146348.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

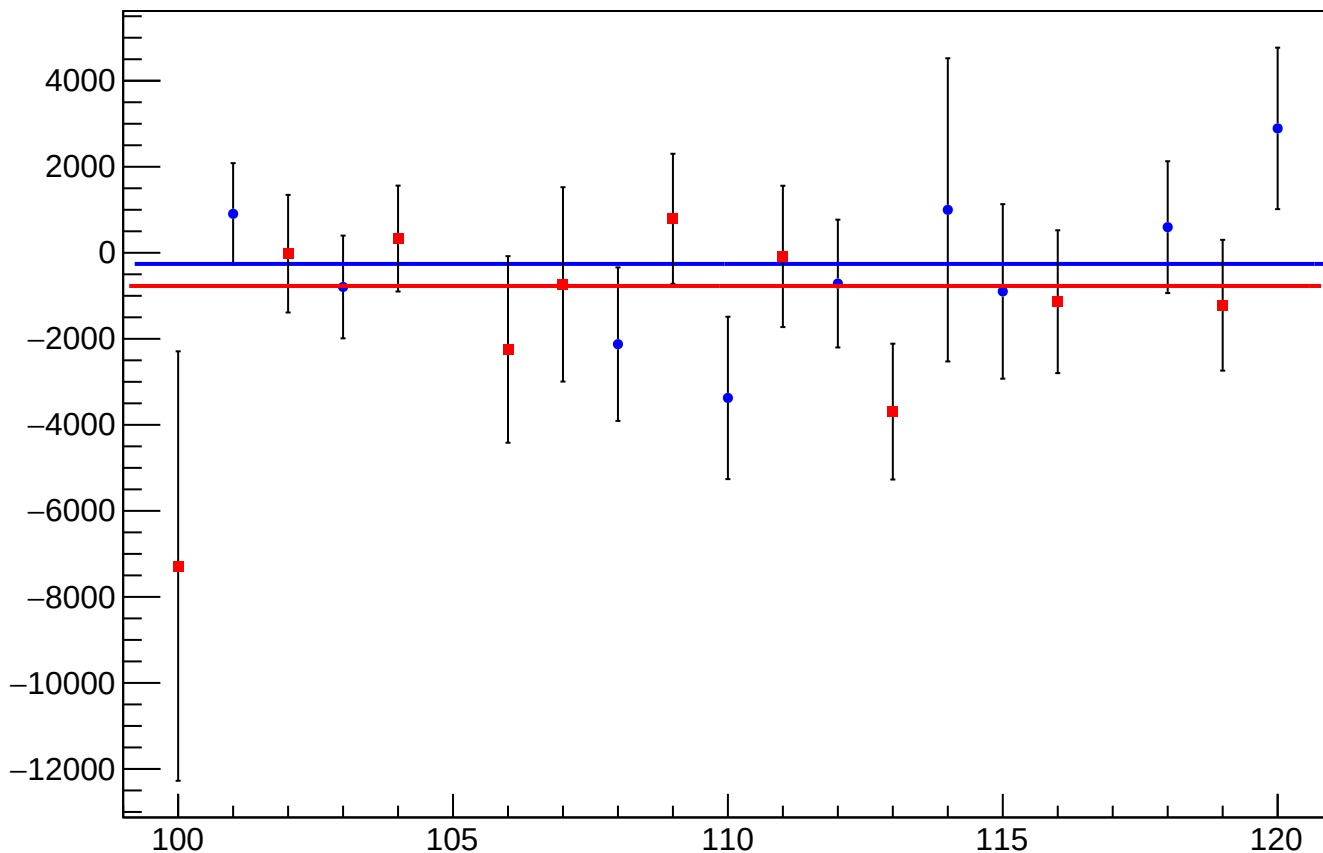
Right: 1362.905+/-0.361 χ^2/NDF : 902599.3/18

In: 1369.552+/-0.533 χ^2/NDF : 755964.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1362.905+/-0.361 χ^2/NDF : 902599.3/18

asym_usr_atr1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -258.485+/-534.361 χ^2/NDF : 8.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -771.221+/-523.557 χ^2/NDF : 8.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

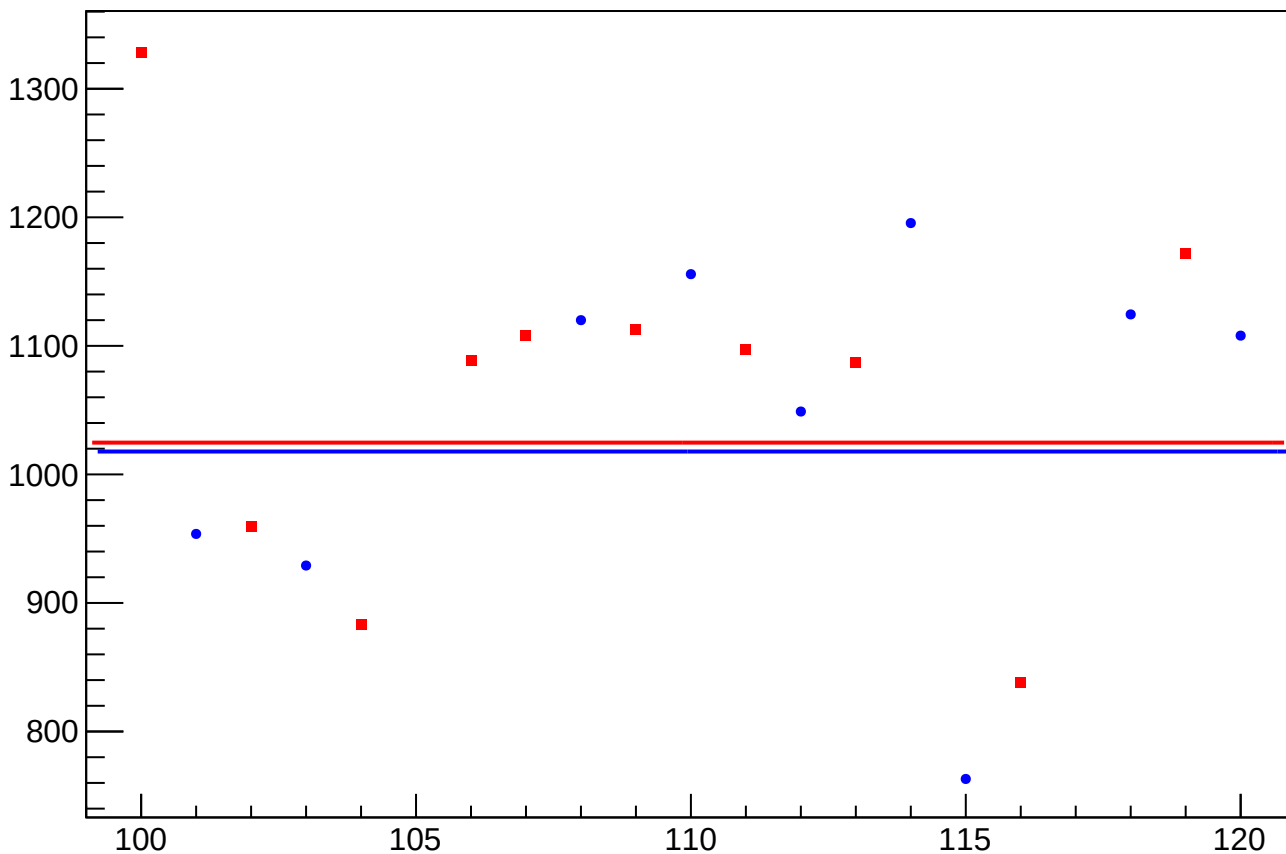
Right: -520.089+/-373.972 χ^2/NDF : 17.0/18

In: -258.485+/-534.361 χ^2/NDF : 8.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -520.089+/-373.972 χ^2/NDF : 17.0/18

asym_usr_atr1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1017.805+/-0.378 χ^2/NDF : 85975.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1024.734+/-0.370 χ^2/NDF : 100582.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

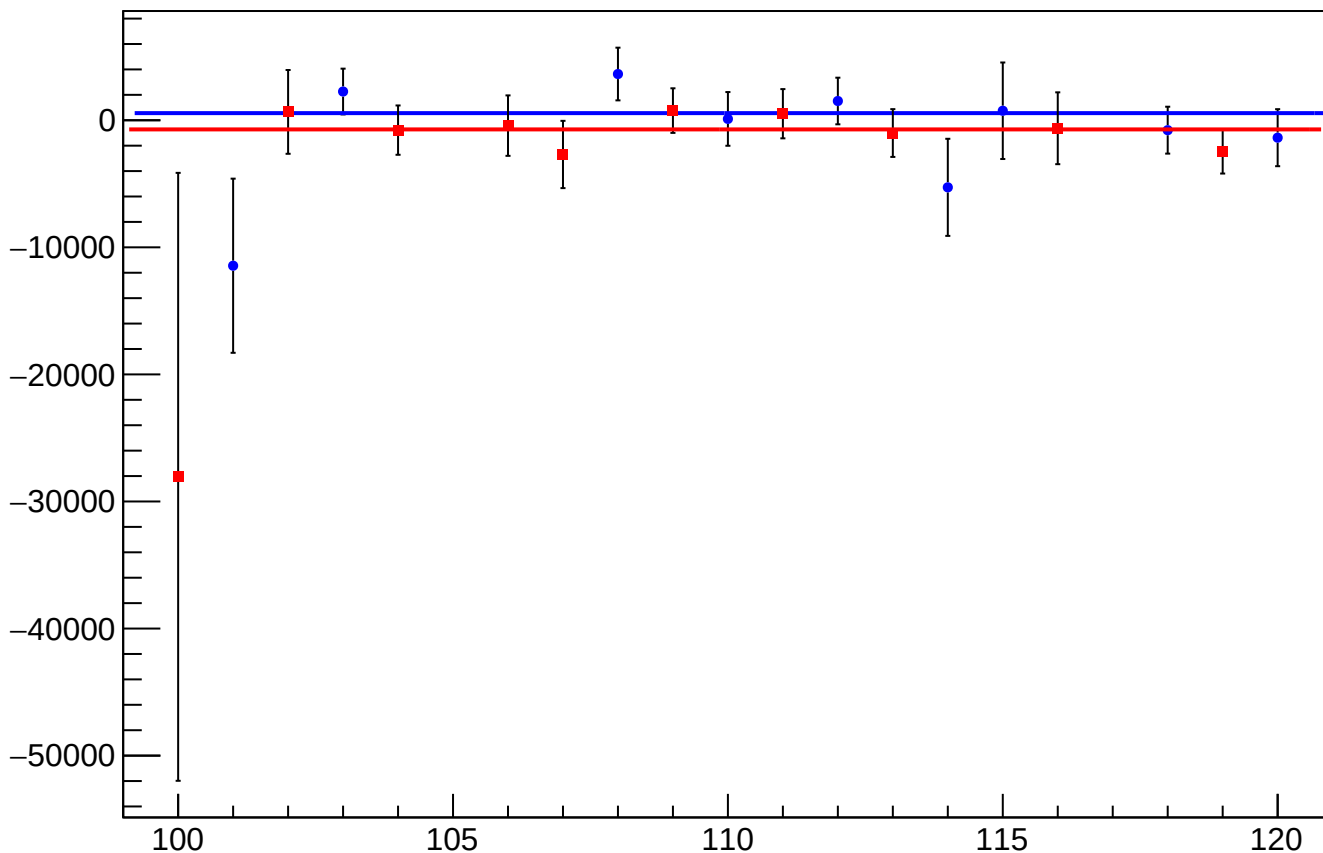
Right: 1021.340+/-0.264 χ^2/NDF : 186730.2/18

In: 1017.805+/-0.378 χ^2/NDF : 85975.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1021.340+/-0.264 χ^2/NDF : 186730.2/18

dit_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 560.916+/-763.976 χ^2/NDF : 10.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -720.612+/-705.381 χ^2/NDF : 4.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

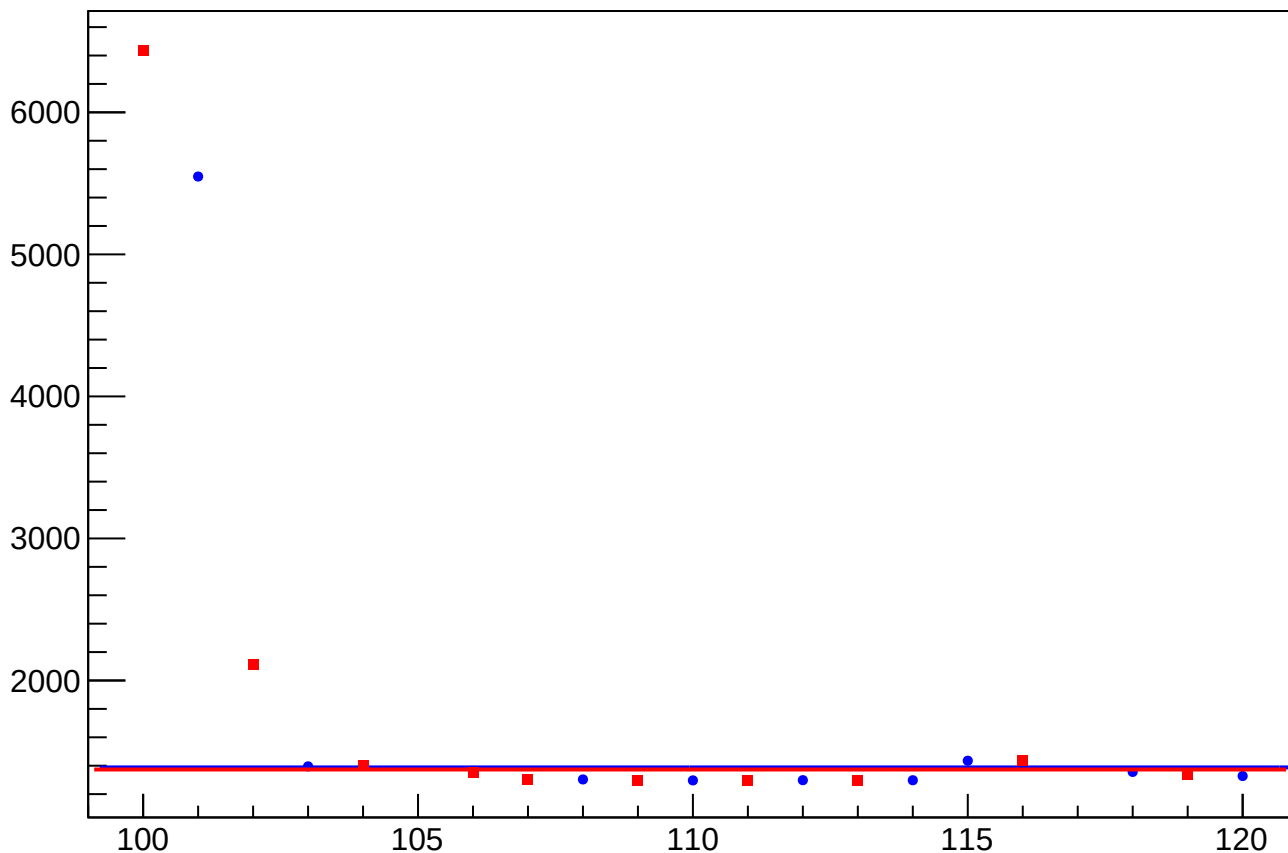
Right: -130.872+/-518.258 χ^2/NDF : 15.8/18

In: 560.916+/-763.976 χ^2/NDF :10.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -130.872+/-518.258 χ^2/NDF : 15.8/18

dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1387.918+/-0.540 χ^2/NDF : 752529.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1373.289+/-0.499 χ^2/NDF : 203295.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

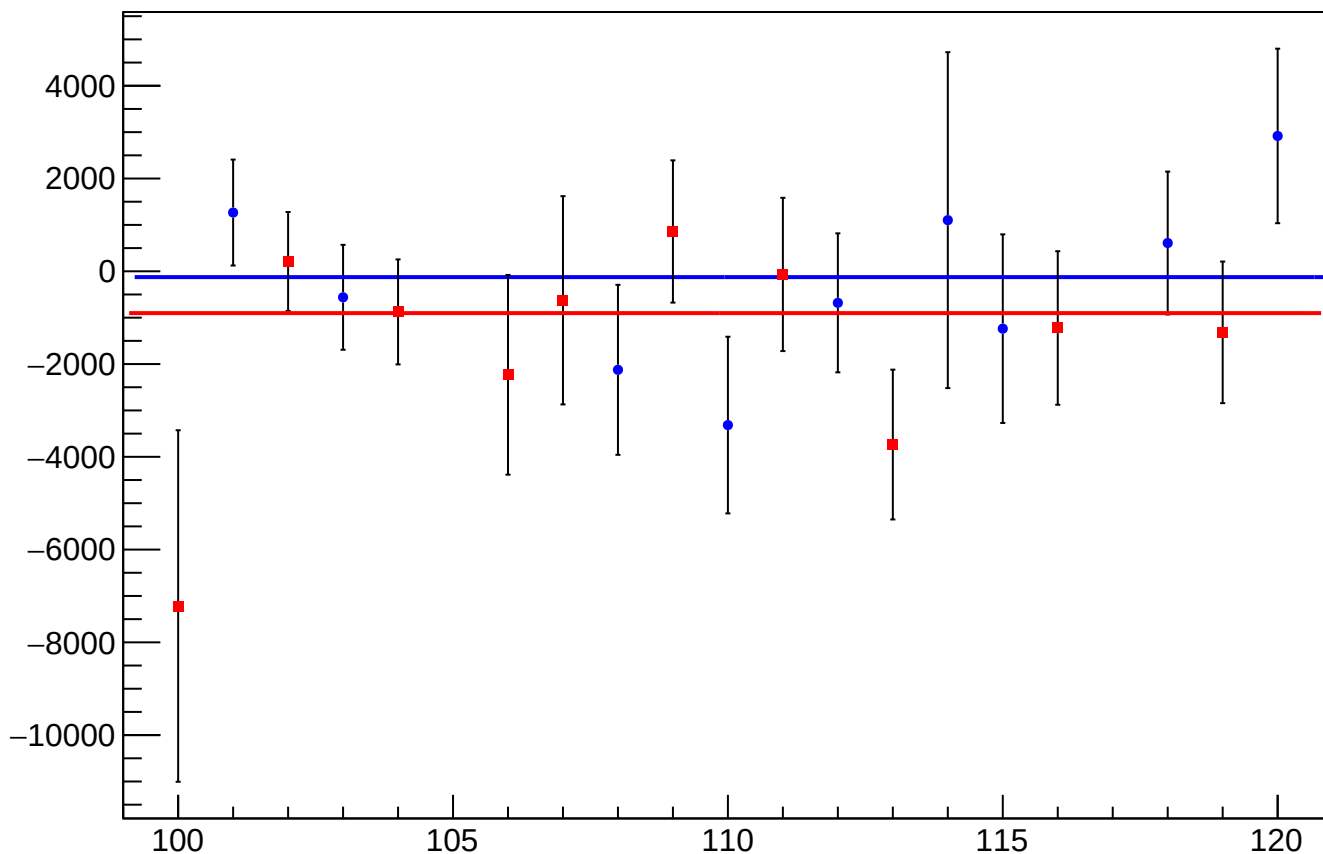
Right: 1380.021+/-0.366 χ^2/NDF : 956221.4/18

In: 1387.918+/-0.540 χ^2/NDF : 752529.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1380.021+/-0.366 χ^2/NDF : 956221.4/18

asym_usr_atr1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -125.454+/-527.787 χ^2/NDF : 9.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -901.778+/-493.080 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

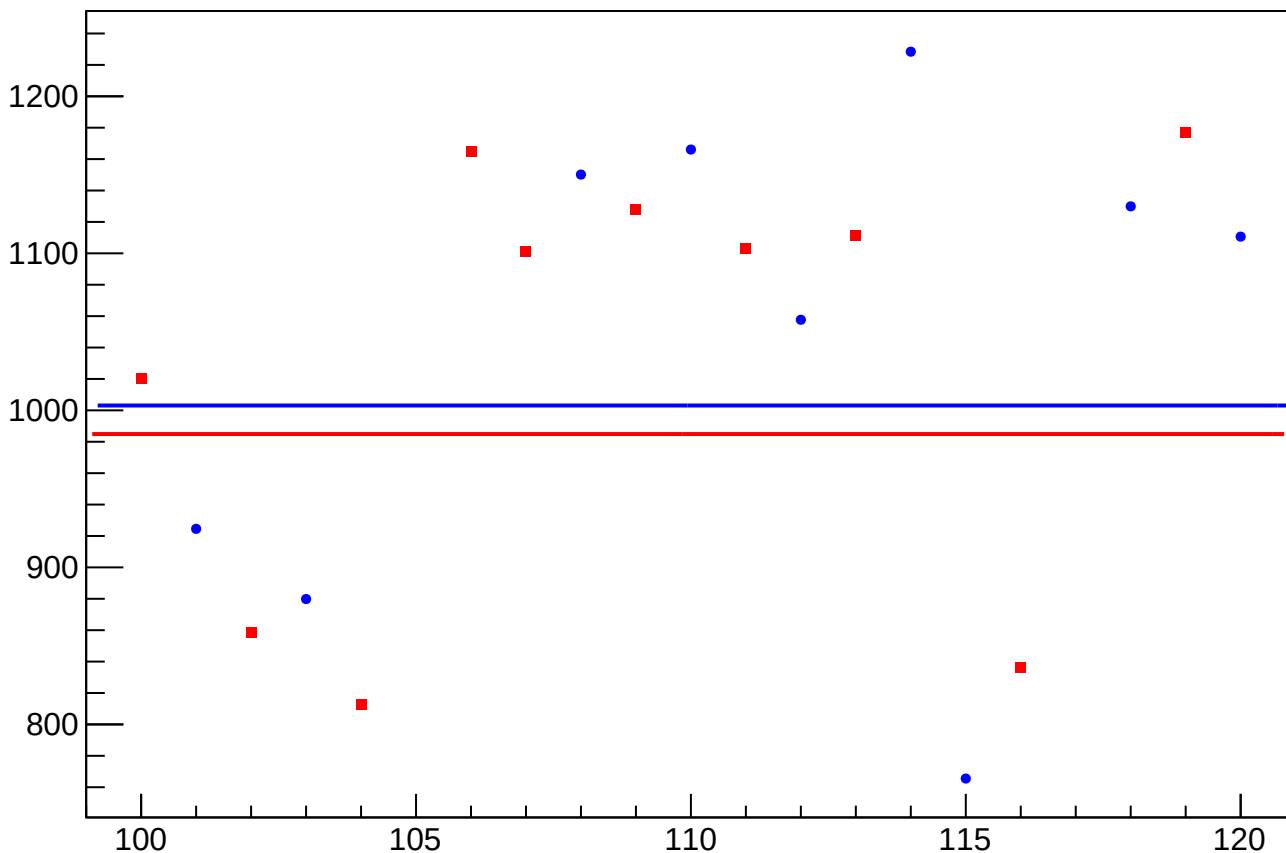
Right: -539.978+/-360.305 χ^2/NDF : 19.2/18

In: -125.454+/-527.787 χ^2/NDF : 9.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -539.978+/-360.305 χ^2/NDF : 19.2/18

asym_usr_atr1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1003.097 $\pm$ 0.373 χ^2 /NDF: 118546.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 984.910 $\pm$ 0.349 χ^2 /NDF: 181447.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

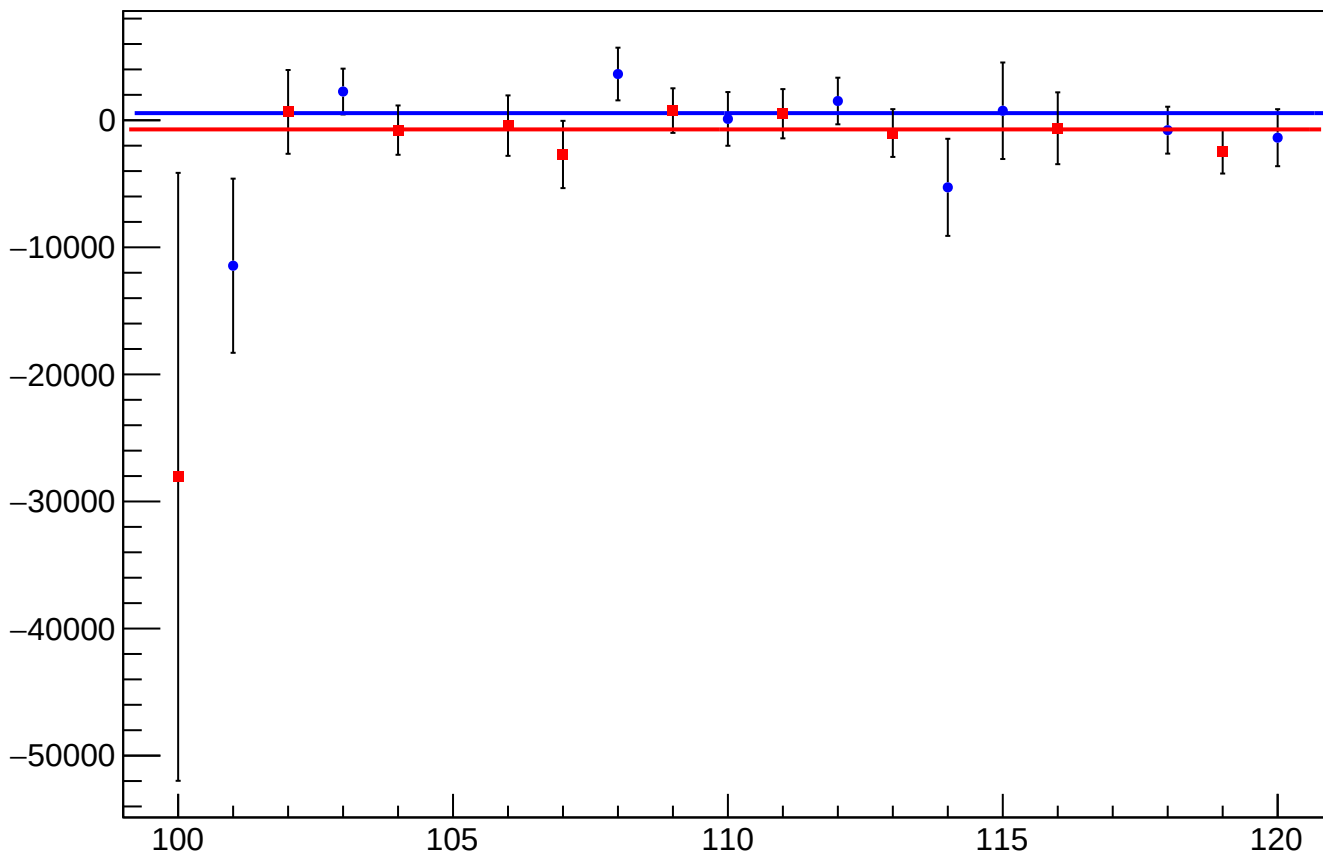
Right: 993.386 $\pm$ 0.255 χ^2 /NDF: 301262.6/18

In: 1003.097 $\pm$ 0.373 χ^2 /NDF:118546.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 993.386 $\pm$ 0.255 χ^2 /NDF: 301262.6/18

eigen_dit_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 560.916 $\pm$ 763.976 χ^2 /NDF: 10.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -720.609 $\pm$ 705.381 χ^2 /NDF: 4.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

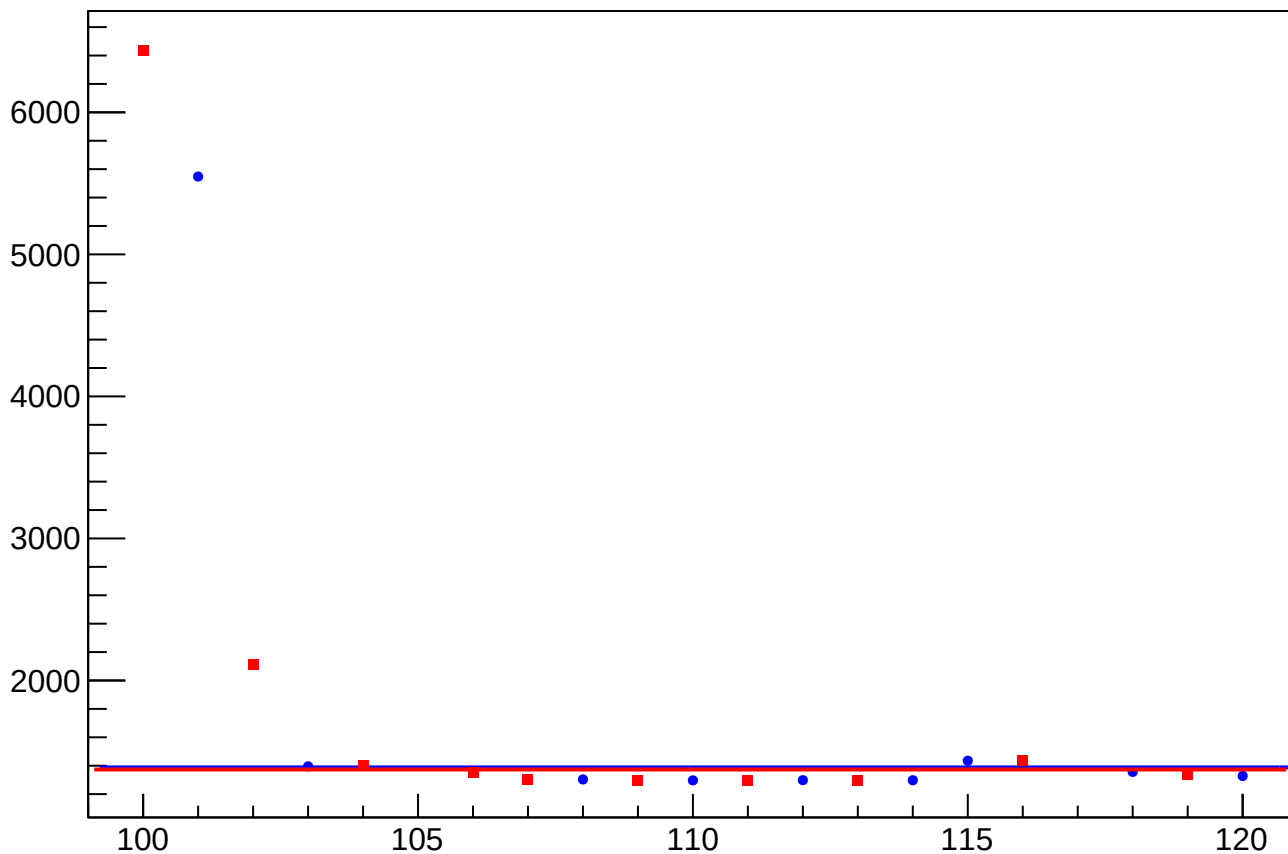
Right: -130.870 $\pm$ 518.258 χ^2 /NDF: 15.8/18

In: 560.916 $\pm$ 763.976 χ^2 /NDF:10.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -130.870 $\pm$ 518.258 χ^2 /NDF: 15.8/18

eigen_dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1387.918+/-0.540 χ^2/NDF : 752529.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1373.289+/-0.499 χ^2/NDF : 203295.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

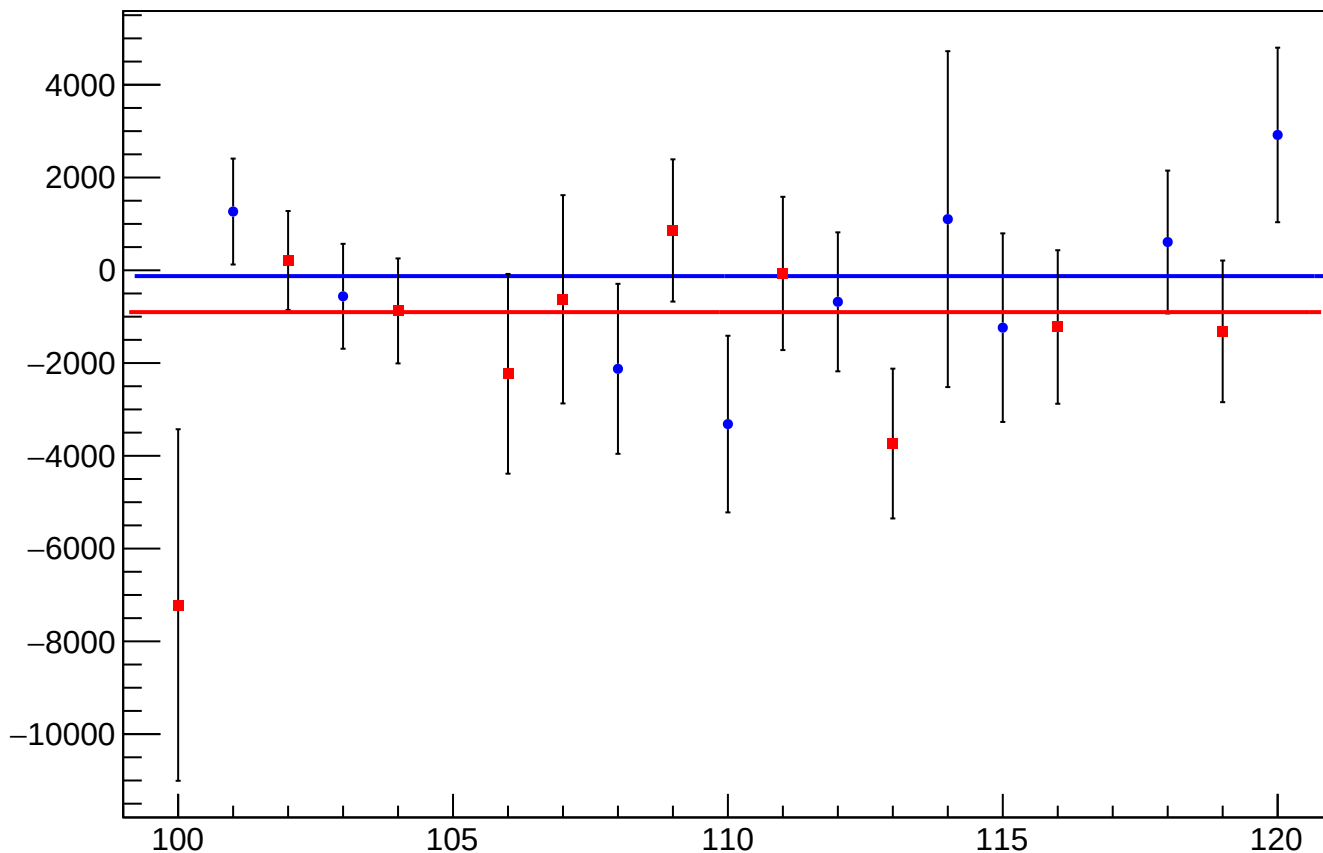
Right: 1380.021+/-0.366 χ^2/NDF : 956221.4/18

In: 1387.918+/-0.540 χ^2/NDF : 752529.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1380.021+/-0.366 χ^2/NDF : 956221.4/18

asym_usr_atr1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -125.453+/-527.786 χ^2/NDF : 9.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -901.778+/-493.079 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

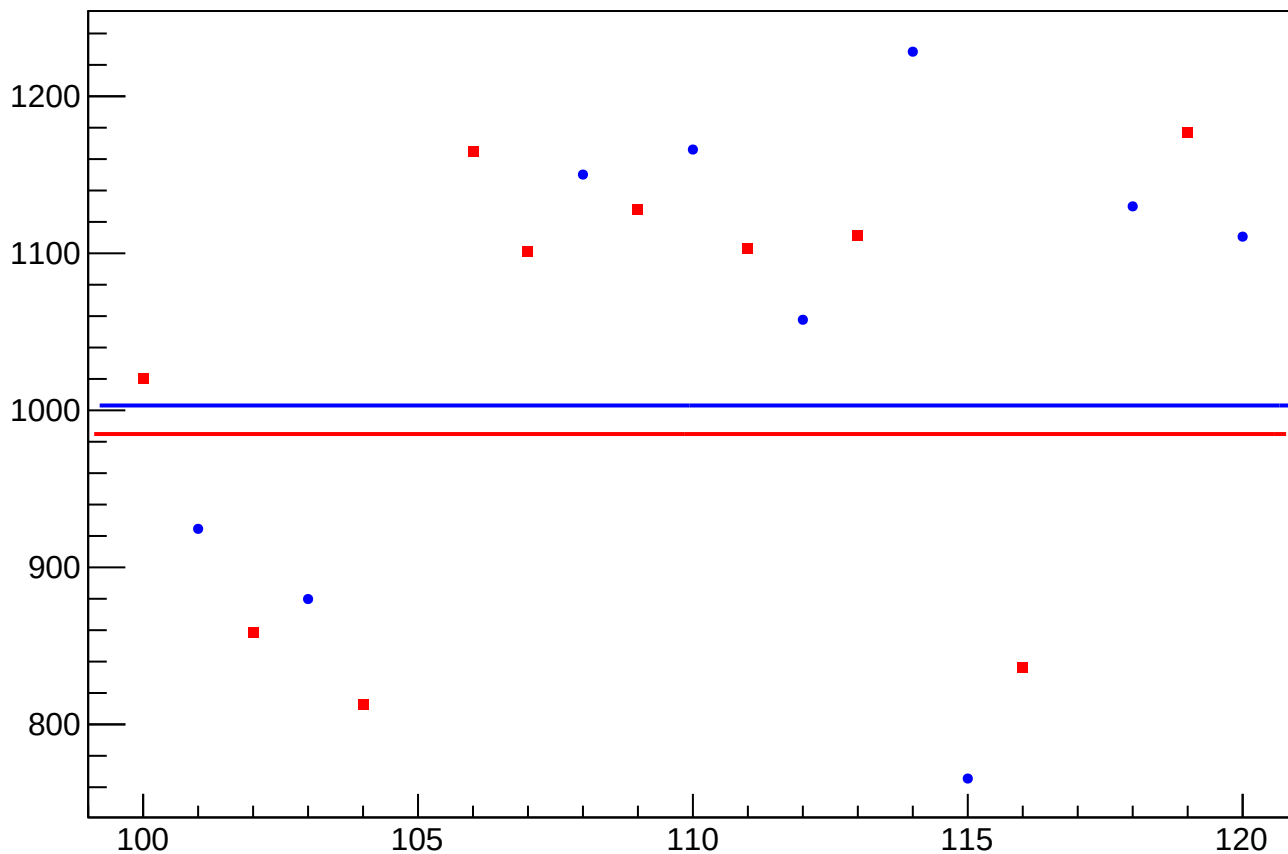
Right: -539.978+/-360.305 χ^2/NDF : 19.2/18

In: -125.453+/-527.786 χ^2/NDF : 9.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -539.978+/-360.305 χ^2/NDF : 19.2/18

asym_usr_atr1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1003.095+/-0.373 χ^2/NDF : 118544.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 984.910+/-0.349 χ^2/NDF : 181443.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

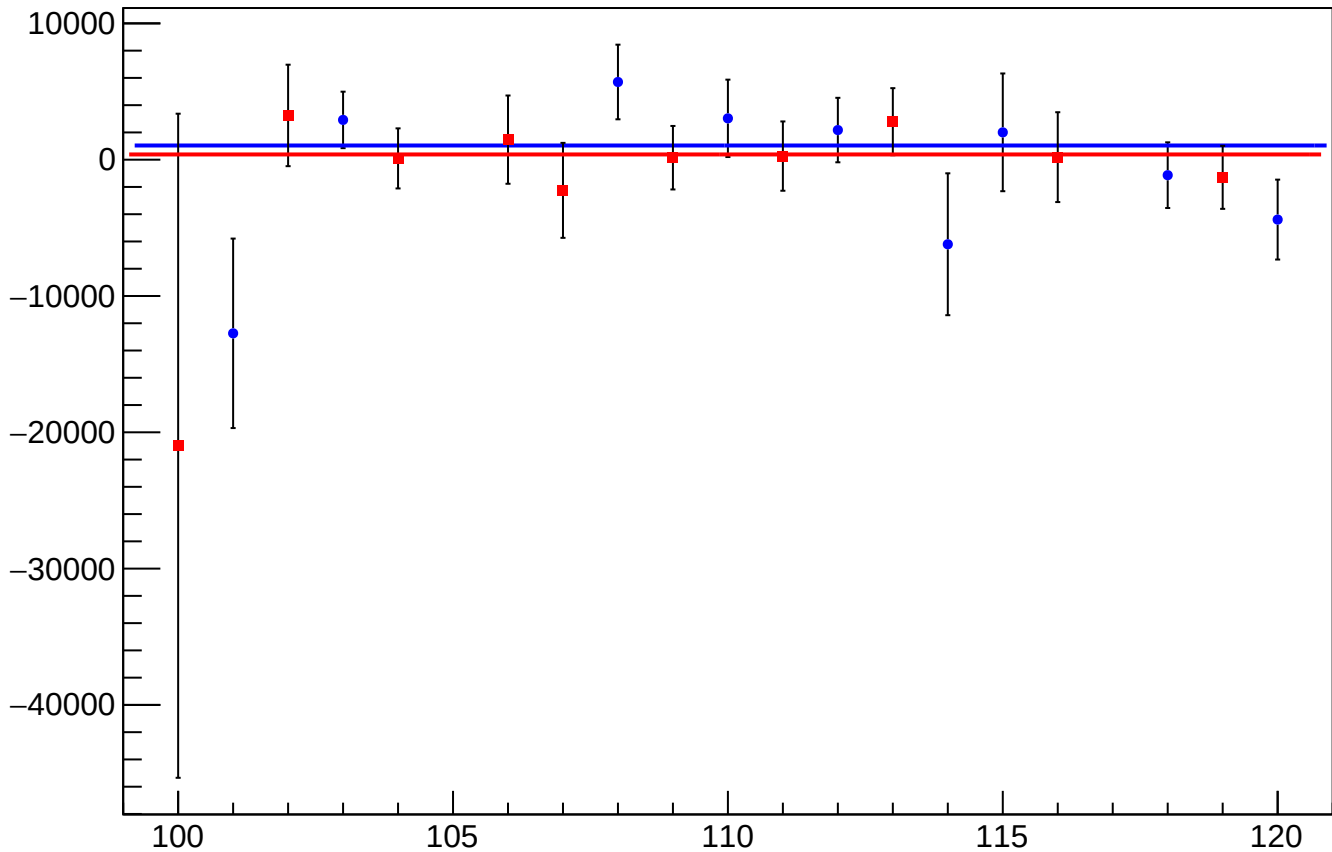
Right: 993.385+/-0.255 χ^2/NDF : 301255.4/18

In: 1003.095+/-0.373 χ^2/NDF : 118544.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 993.385+/-0.255 χ^2/NDF : 301255.4/18

asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1041.425+/-967.020 χ^2/NDF : 14.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 384.492+/-897.615 χ^2/NDF : 3.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

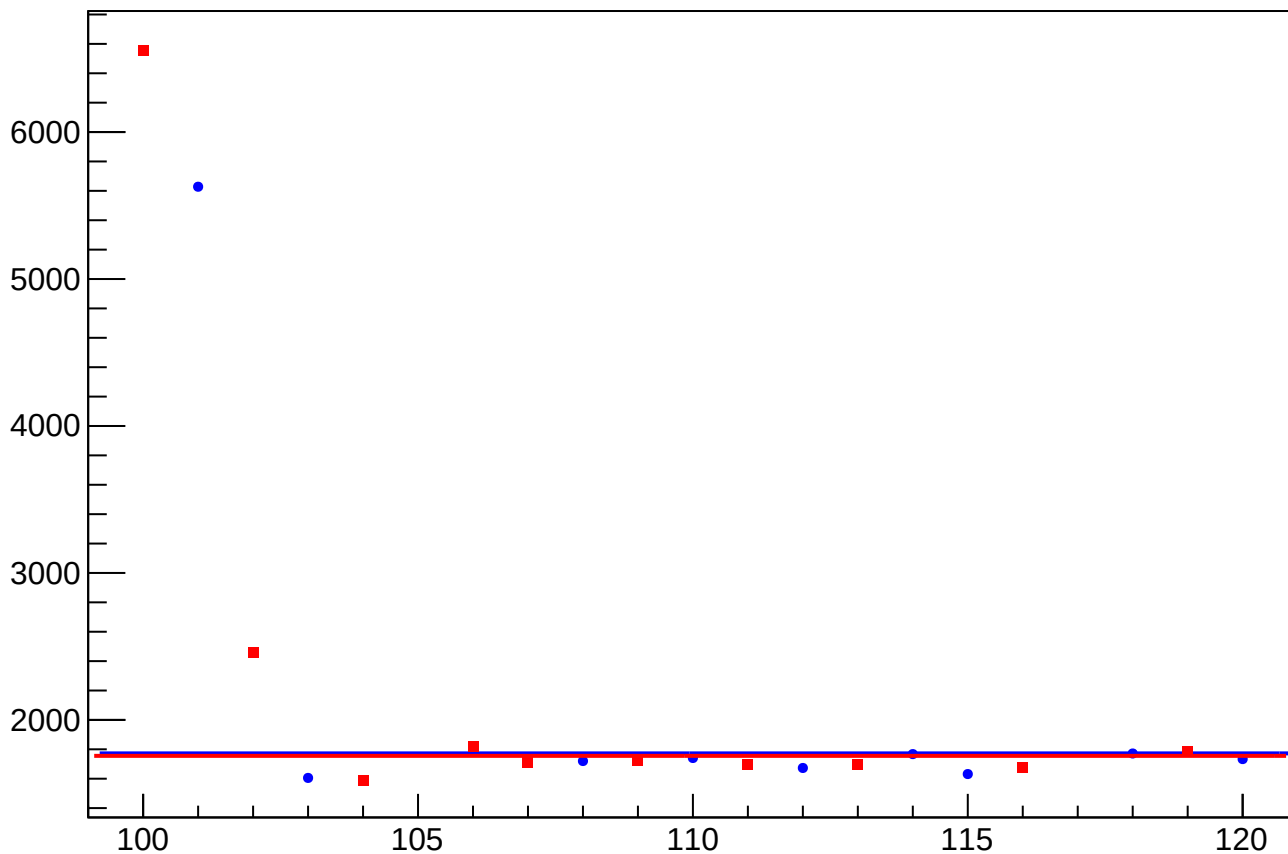
Right: 688.540+/-657.879 χ^2/NDF : 18.4/18

In: 1041.425+/-967.020 χ^2/NDF : 14.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 688.540+/-657.879 χ^2/NDF : 18.4/18

asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1772.221+/-0.684 χ^2/NDF : 635423.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1755.461+/-0.635 χ^2/NDF : 165577.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

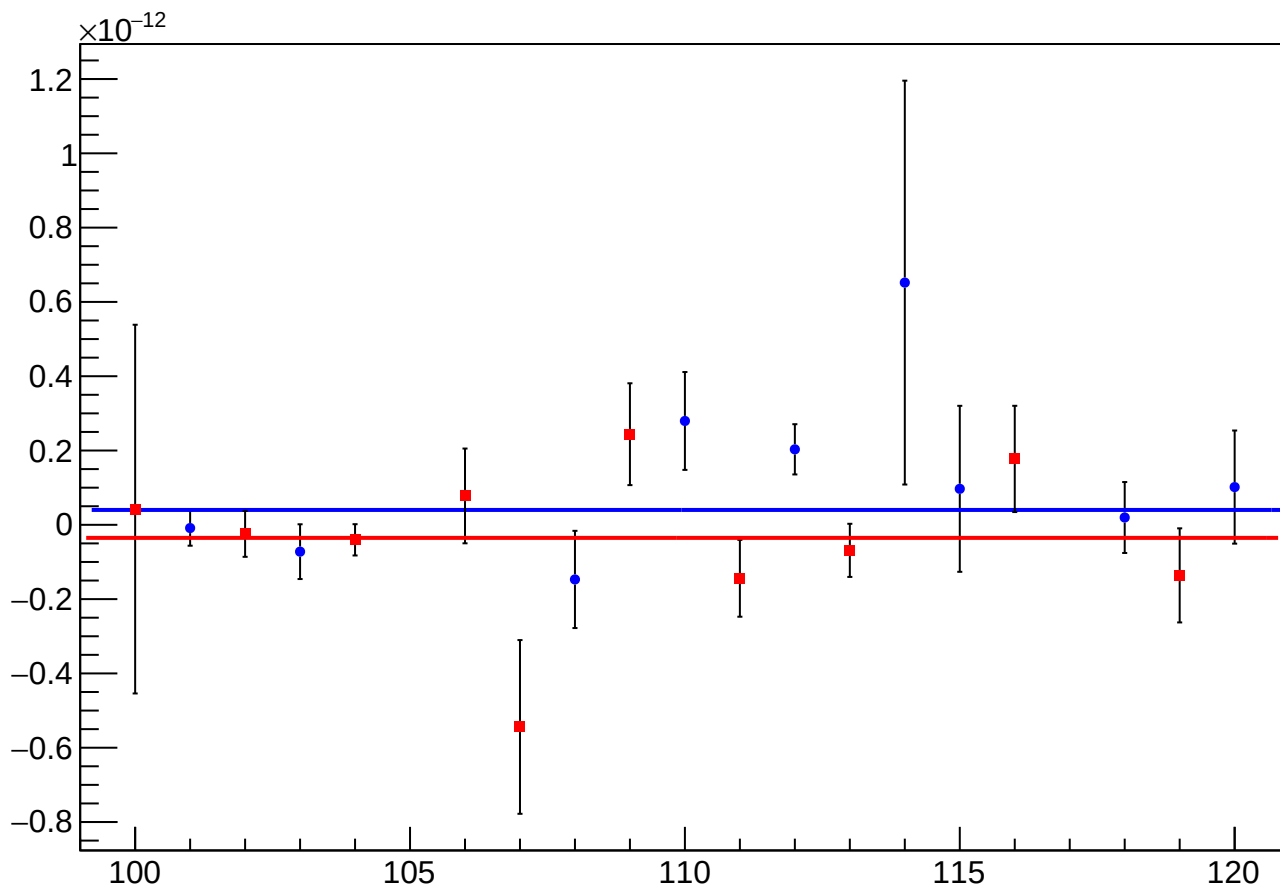
Right: 1763.218+/-0.465 χ^2/NDF : 801323.4/18

In: 1772.221+/-0.684 χ^2/NDF : 635423.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1763.218+/-0.465 χ^2/NDF : 801323.4/18

asym_usr_atr1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

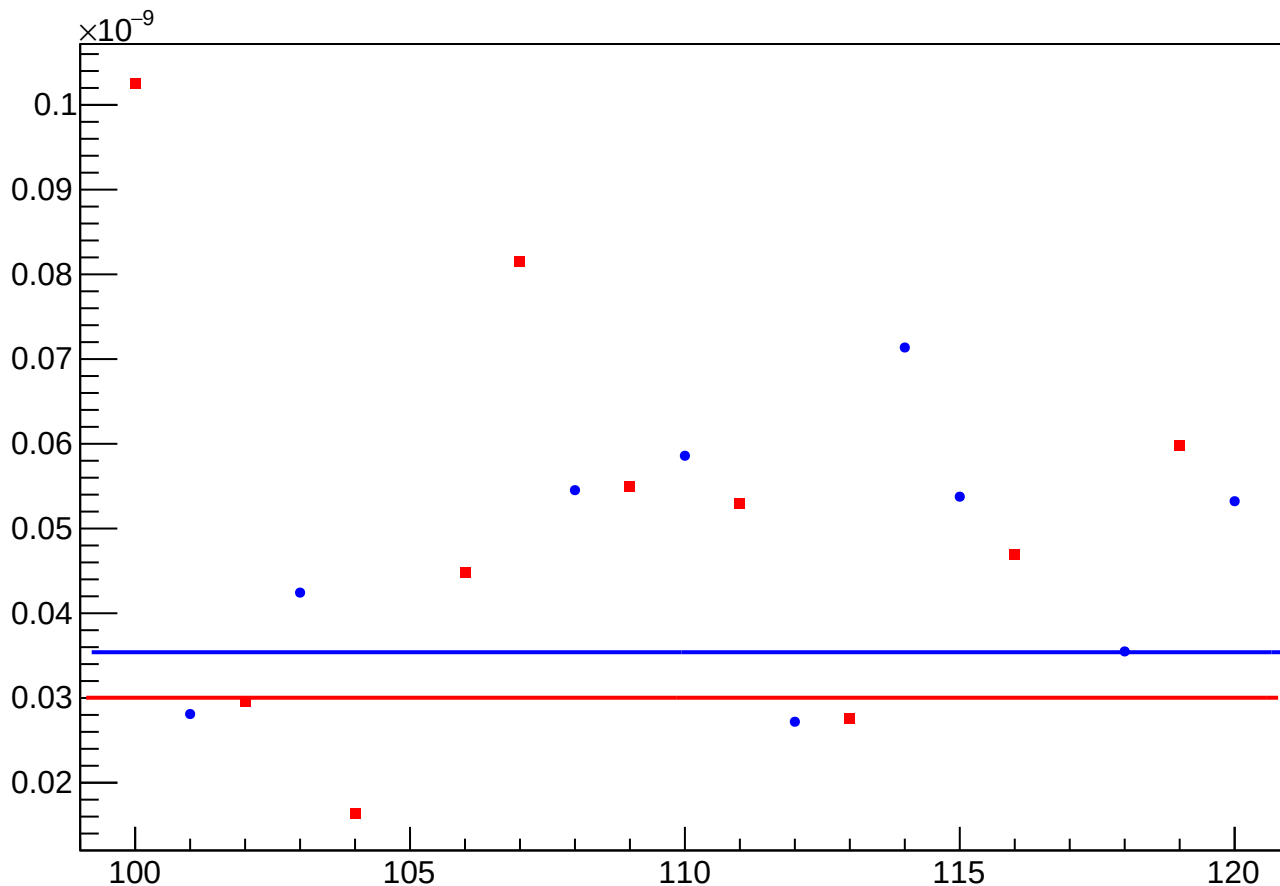
Right: -0.000+/-0.000 χ^2/NDF : 33.5/18

In: 0.000+/-0.000 χ^2/NDF : 16.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.5/18

asym_usr_atr1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 249110.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 683175.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

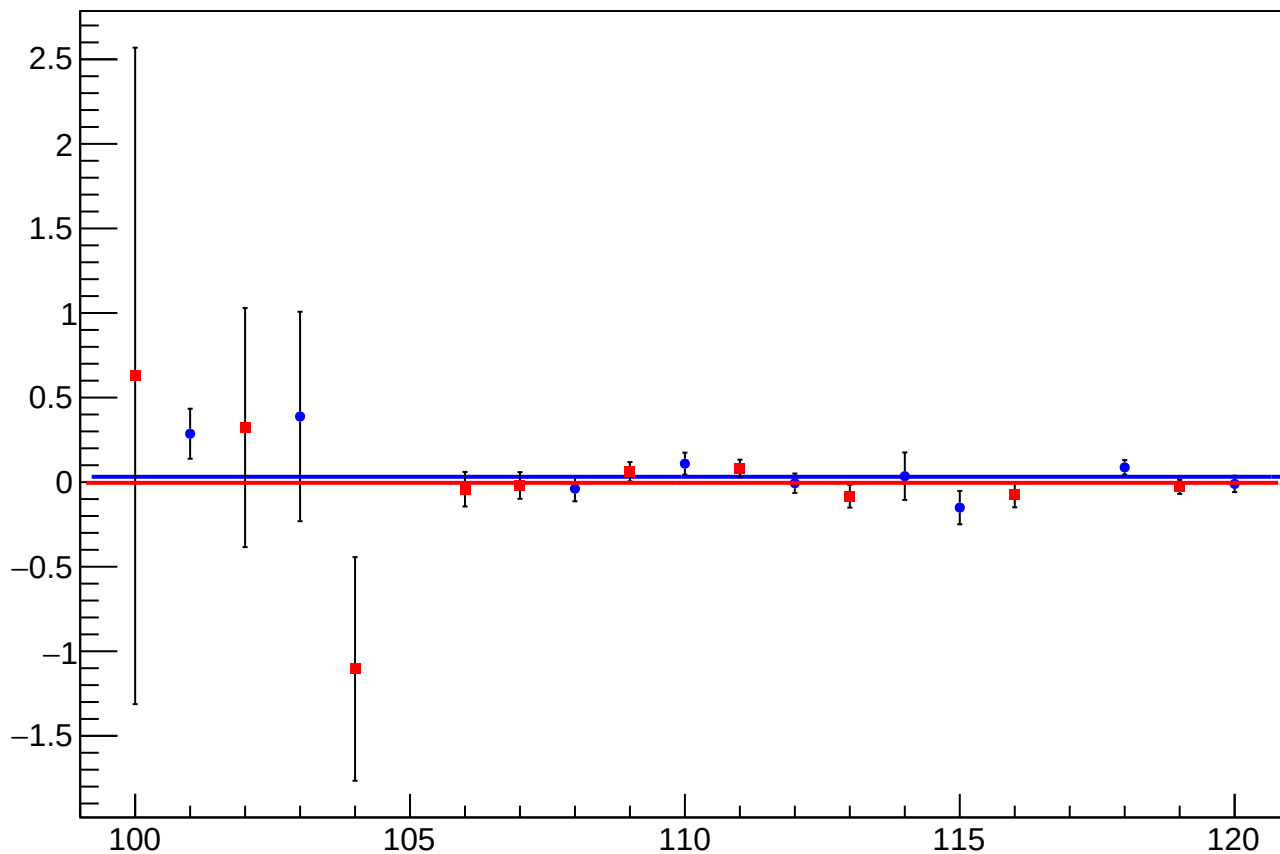
Right: 0.000+/-0.000 χ^2/NDF : 968061.3/18

In: 0.000+/-0.000 χ^2/NDF : 249110.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 968061.3/18

asym_usr_atr1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.032+/-0.023 χ^2/NDF : 11.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.004+/-0.023 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

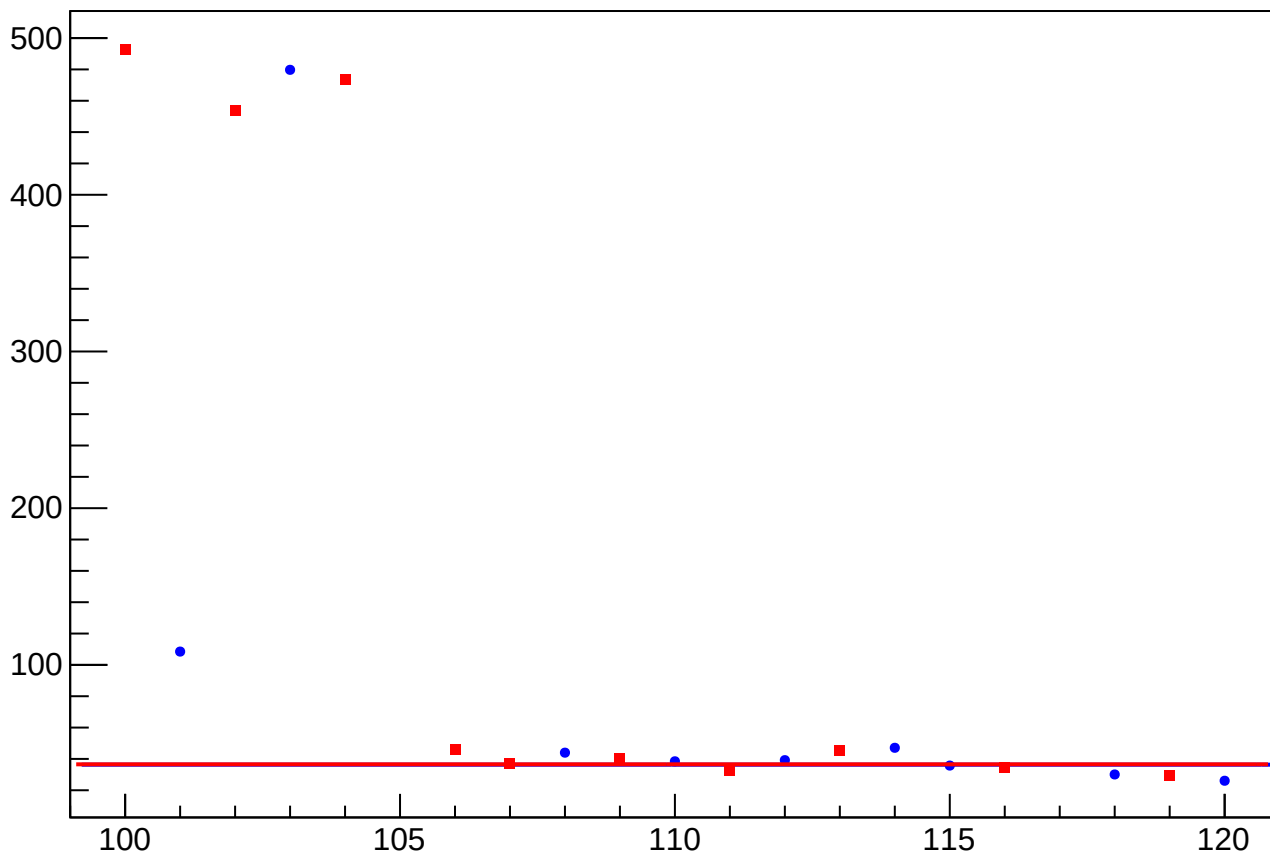
Right: 0.014+/-0.016 χ^2/NDF : 22.9/18

In: 0.032+/-0.023 χ^2/NDF : 11.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.016 χ^2/NDF : 22.9/18

asym_usr_atr1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.312+/-0.016 χ^2/NDF : 1672921.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.547+/-0.016 χ^2/NDF : 1807142.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

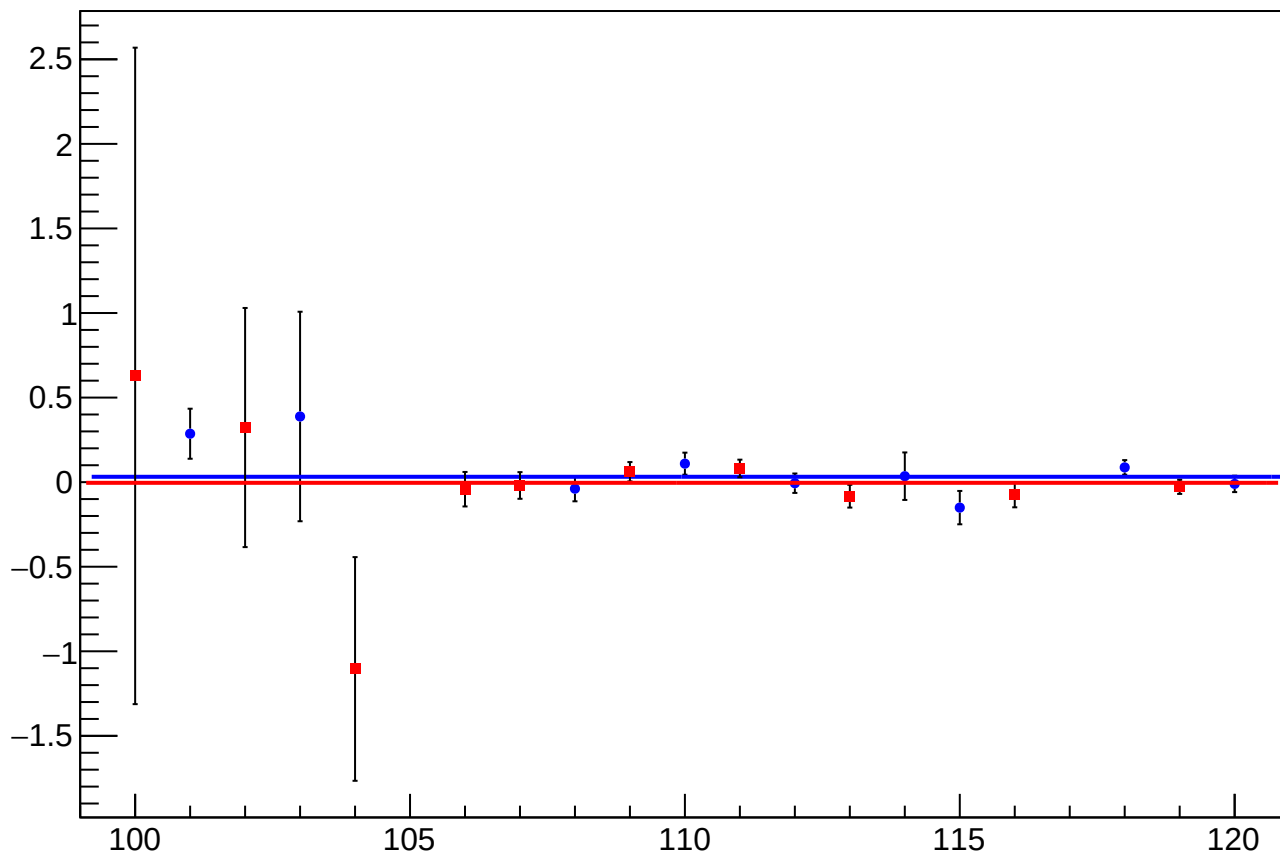
Right: 36.430+/-0.011 χ^2/NDF : 3480168.4/18

In: 36.312+/-0.016 χ^2/NDF : 1672921.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.430+/-0.011 χ^2/NDF : 3480168.4/18

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.032+/-0.023 χ^2/NDF : 11.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.004+/-0.023 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

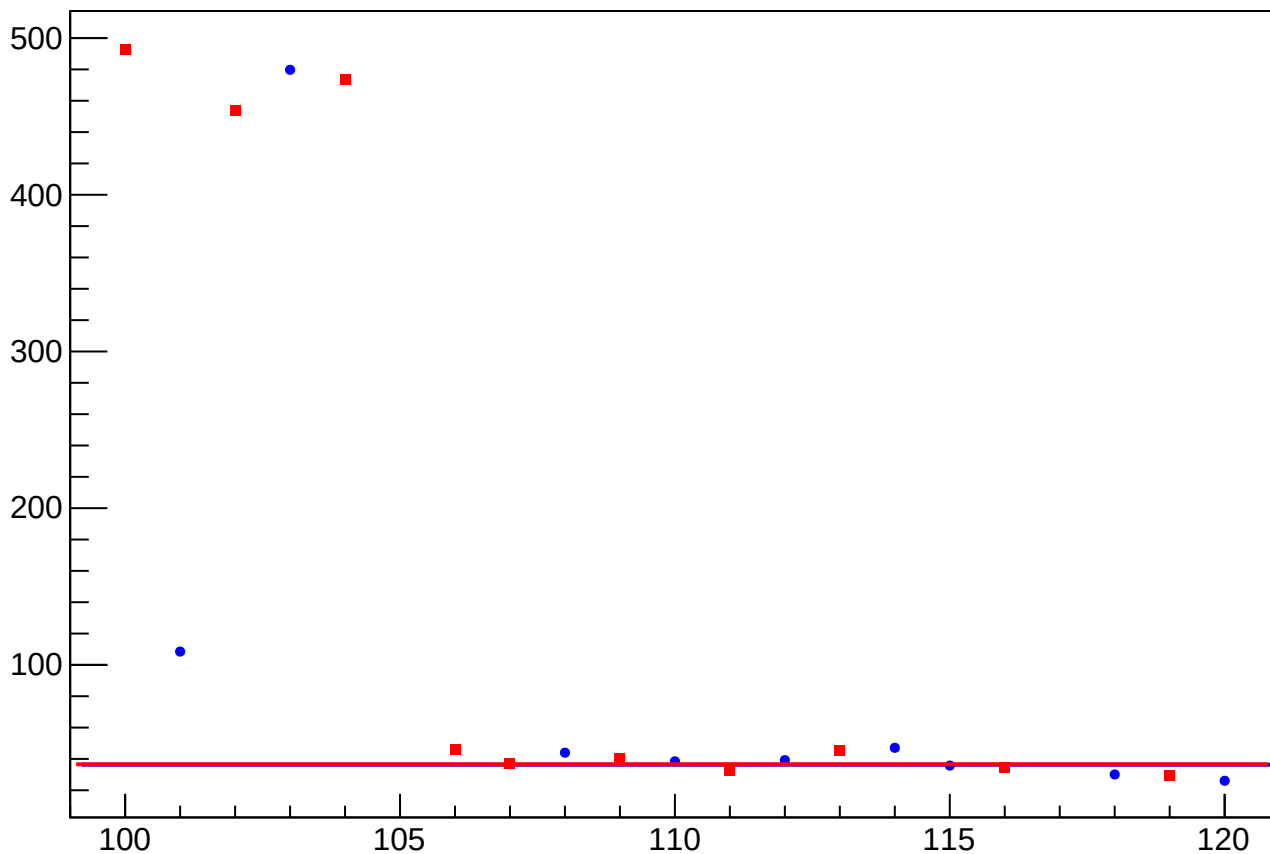
Right: 0.014+/-0.016 χ^2/NDF : 22.9/18

In: 0.032+/-0.023 χ^2/NDF : 11.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.016 χ^2/NDF : 22.9/18

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.312+/-0.016 χ^2/NDF : 1672921.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.547+/-0.016 χ^2/NDF : 1807142.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

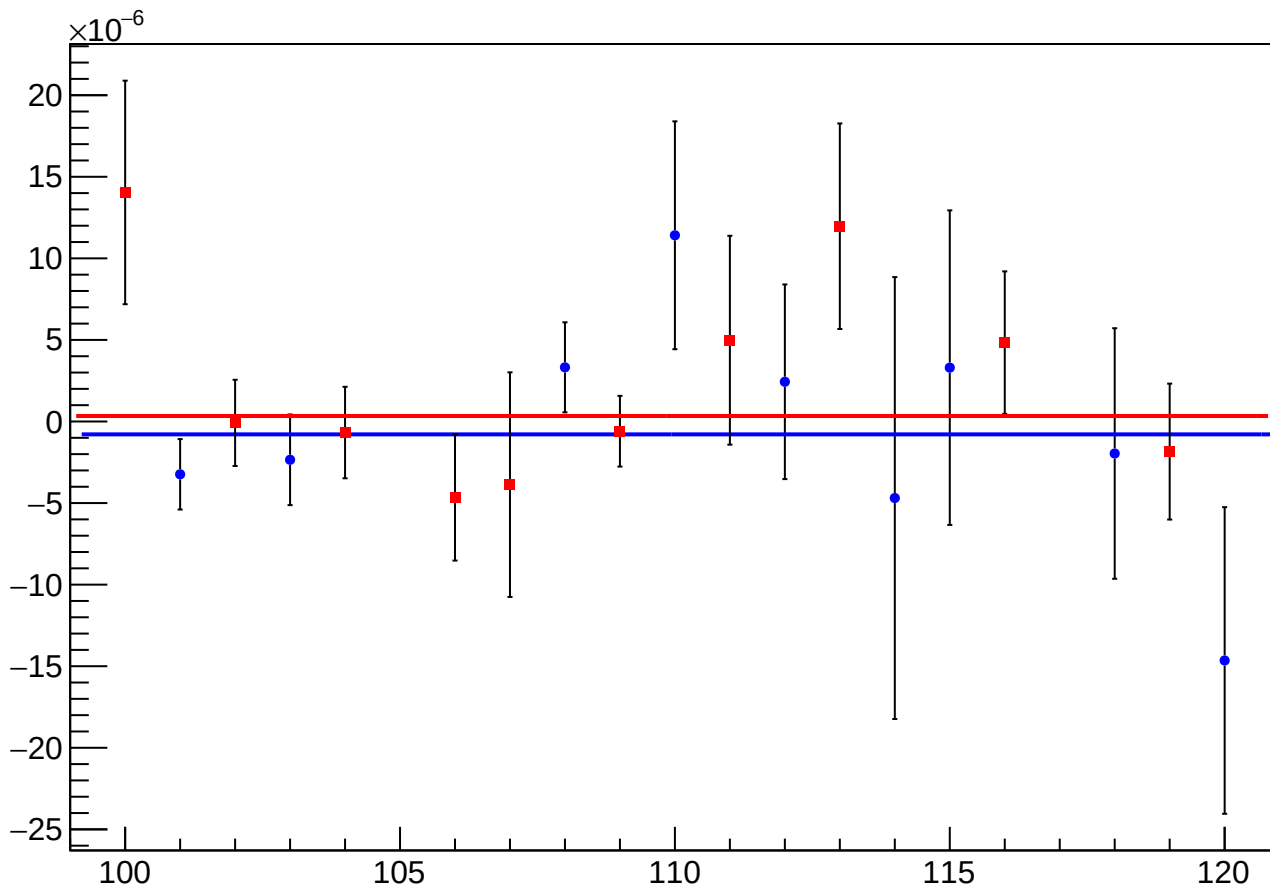
Right: 36.430+/-0.011 χ^2/NDF : 3480168.4/18

In: 36.312+/-0.016 χ^2/NDF : 1672921.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.430+/-0.011 χ^2/NDF : 3480168.4/18

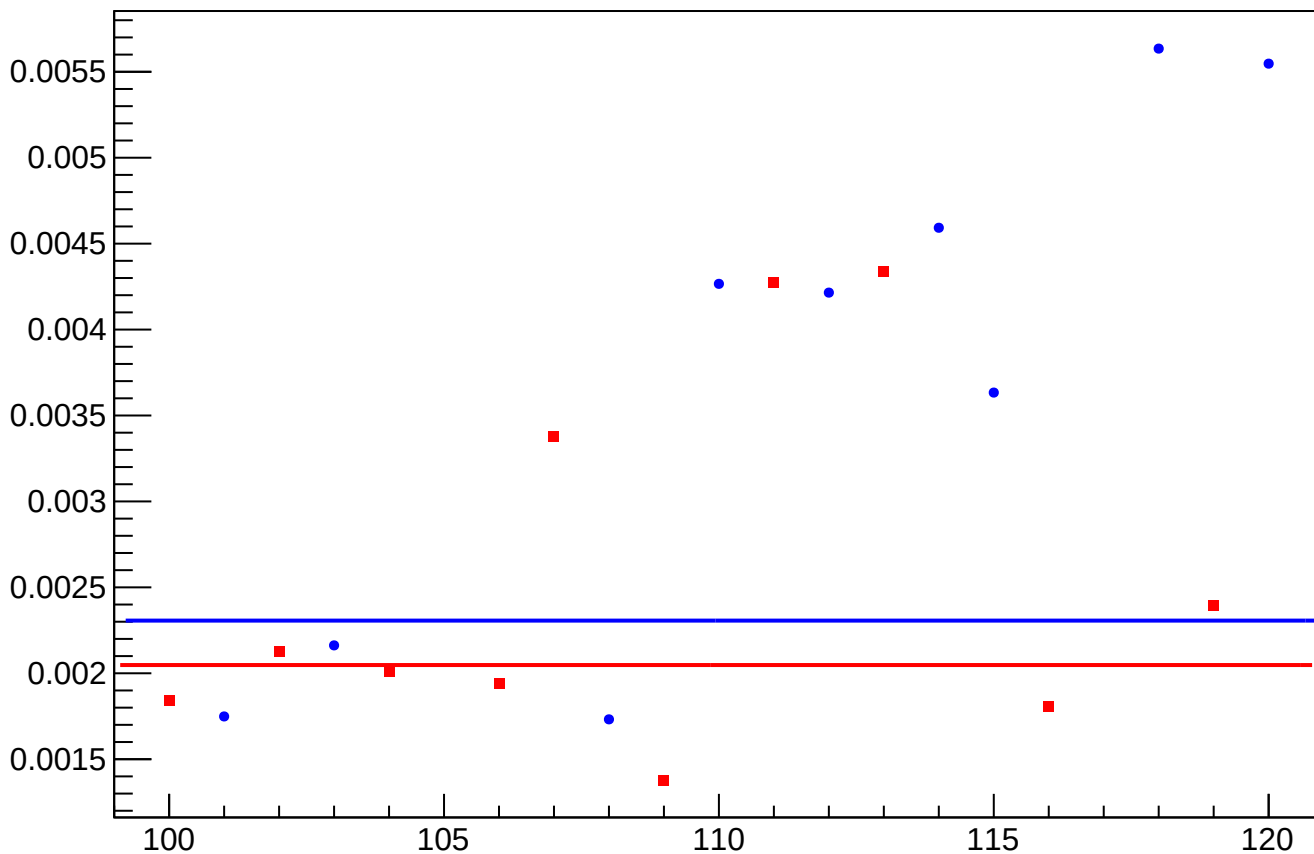
asym_usr_atr1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 9.6/8
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000 ± 0.000 χ^2/NDF : 11.6/9
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -0.000 ± 0.000 χ^2/NDF : 21.7/18
 In: -0.000 ± 0.000 χ^2/NDF : 9.6/8
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -0.000 ± 0.000 χ^2/NDF : 21.7/18

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1296088.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 798699.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

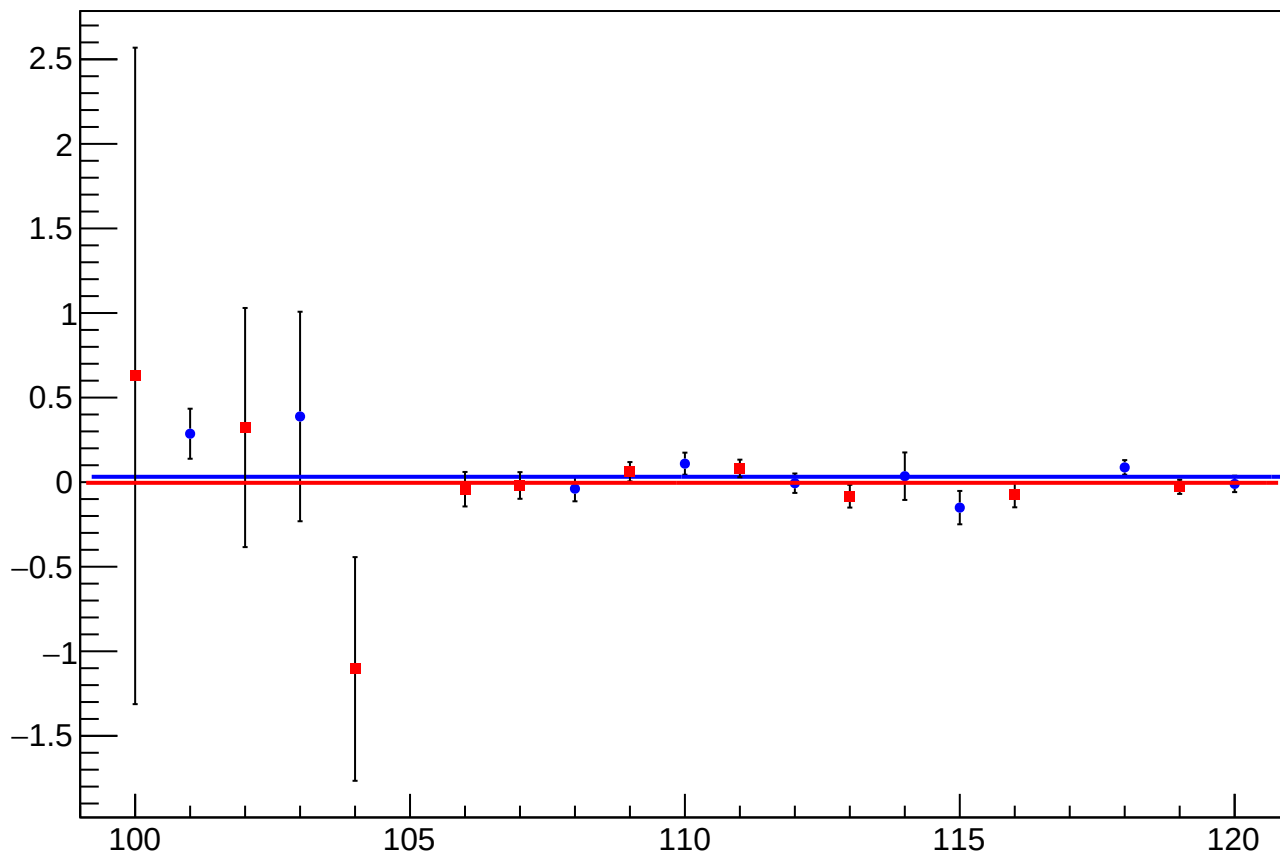
Right: 0.002+/-0.000 χ^2/NDF : 2138067.8/18

In: 0.002+/-0.000 χ^2/NDF :1296088.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2138067.8/18

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.032+/-0.023 χ^2/NDF : 11.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.004+/-0.023 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

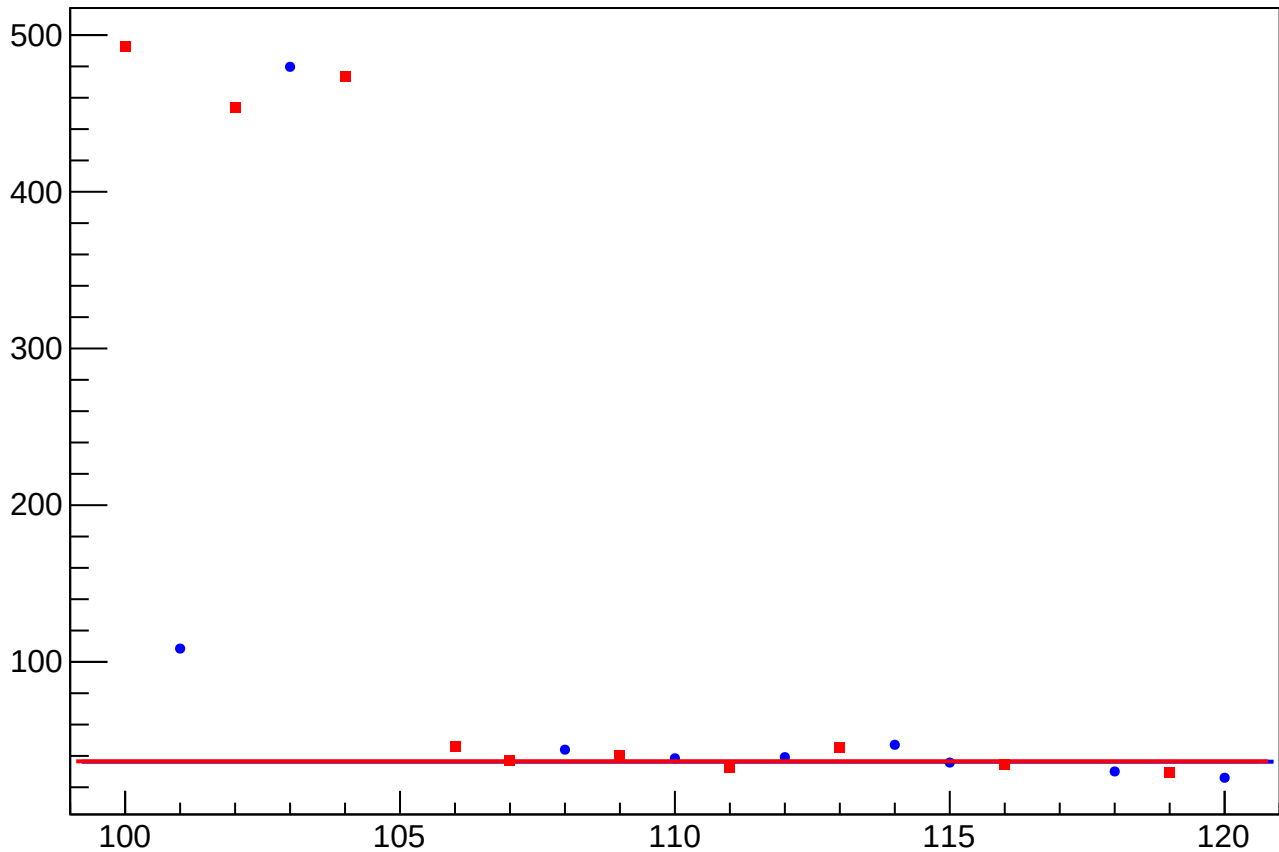
Right: 0.014+/-0.016 χ^2/NDF : 22.9/18

In: 0.032+/-0.023 χ^2/NDF : 11.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.016 χ^2/NDF : 22.9/18

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.311+/-0.016 χ^2/NDF : 1672932.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.545+/-0.016 χ^2/NDF : 1807208.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

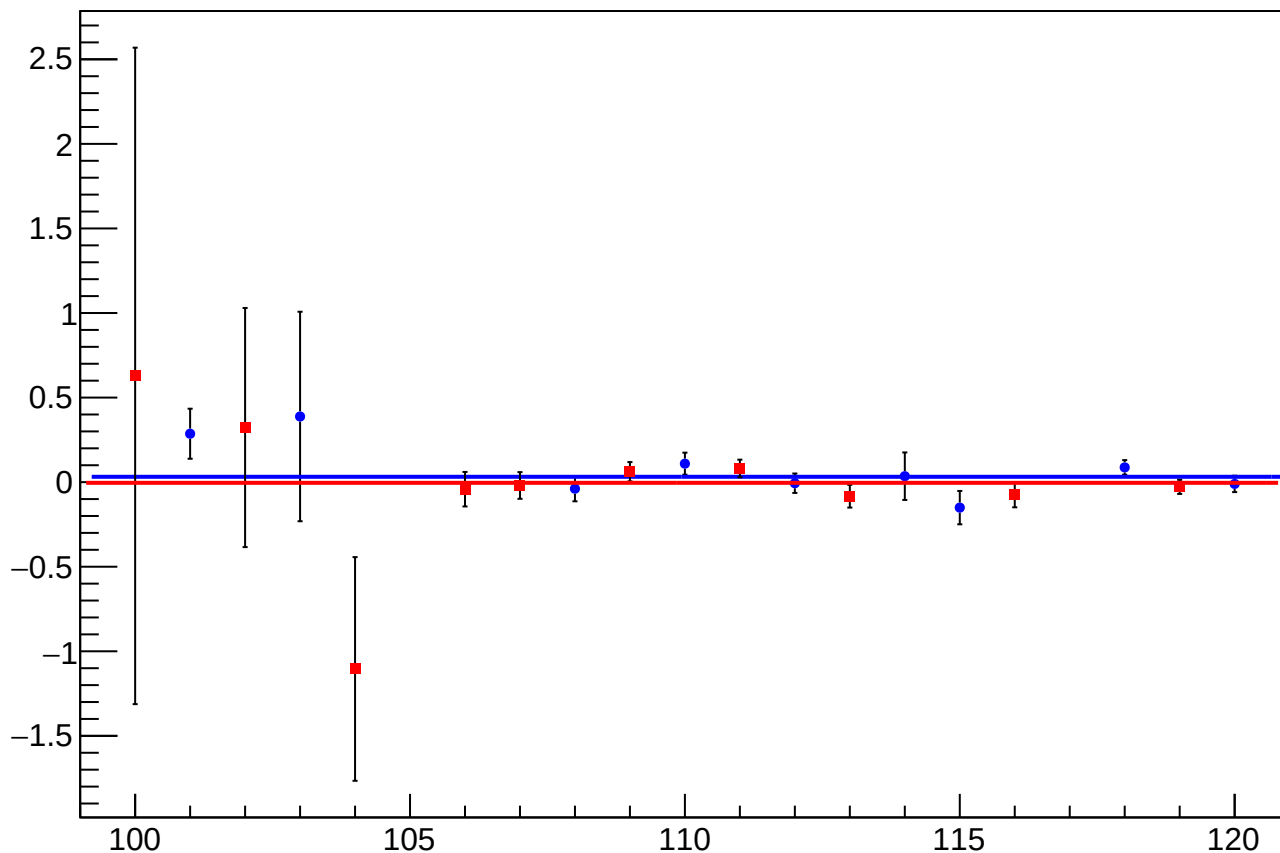
Right: 36.429+/-0.011 χ^2/NDF : 3480244.5/18

In: 36.311+/-0.016 χ^2/NDF : 1672932.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.429+/-0.011 χ^2/NDF : 3480244.5/18

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.032 $\pm$ 0.023 χ^2/NDF : 11.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.004 $\pm$ 0.023 χ^2/NDF : 9.9/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

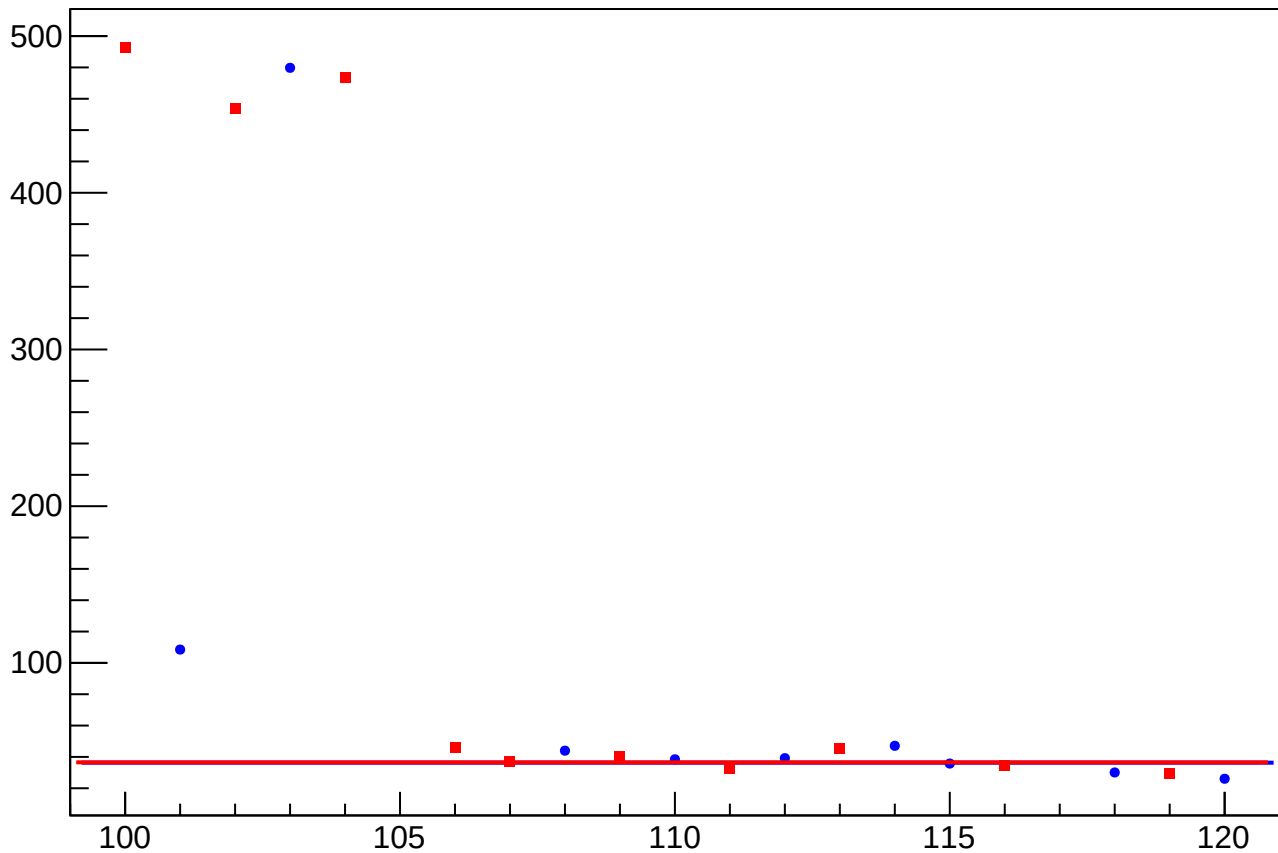
Right: 0.014 $\pm$ 0.016 χ^2/NDF : 22.9/18

In: 0.032 $\pm$ 0.023 χ^2/NDF : 11.9/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.014 $\pm$ 0.016 χ^2/NDF : 22.9/18

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.311+/-0.016 χ^2/NDF : 1672932.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.545+/-0.016 χ^2/NDF : 1807208.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

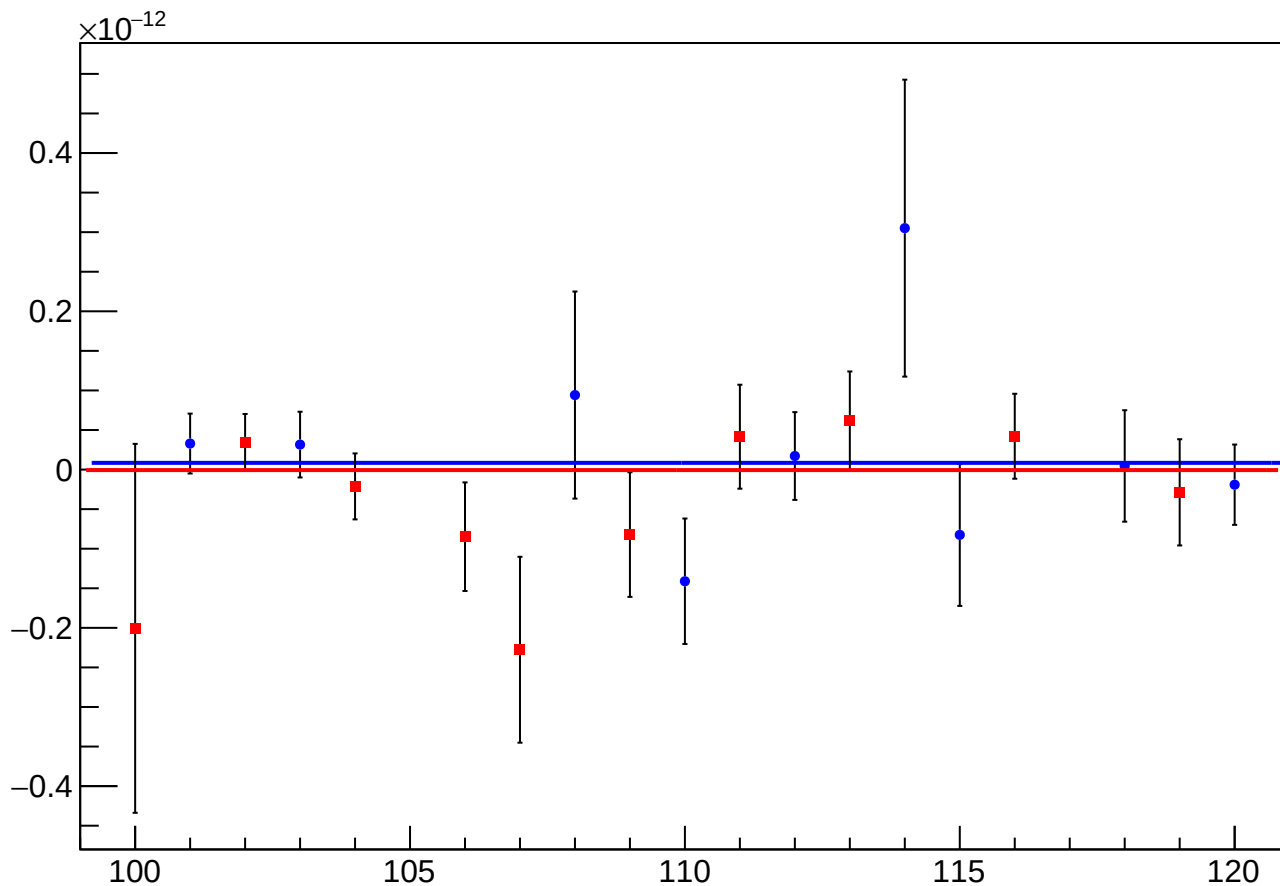
Right: 36.429+/-0.011 χ^2/NDF : 3480244.5/18

In: 36.311+/-0.016 χ^2/NDF : 1672932.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.429+/-0.011 χ^2/NDF : 3480244.5/18

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

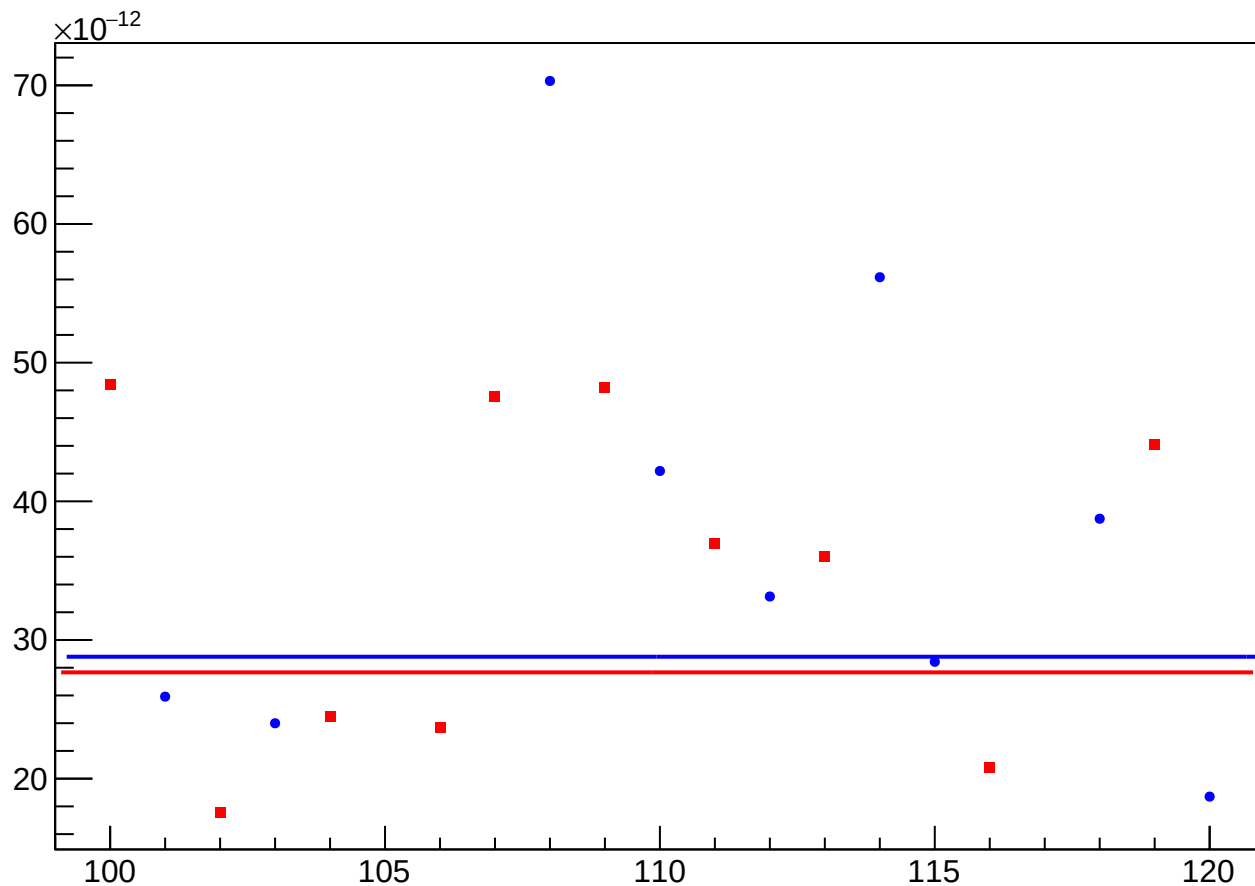
Right: 0.000+/-0.000 χ^2/NDF : 19.2/18

In: 0.000+/-0.000 χ^2/NDF : 8.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.2/18

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 470609.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 620137.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

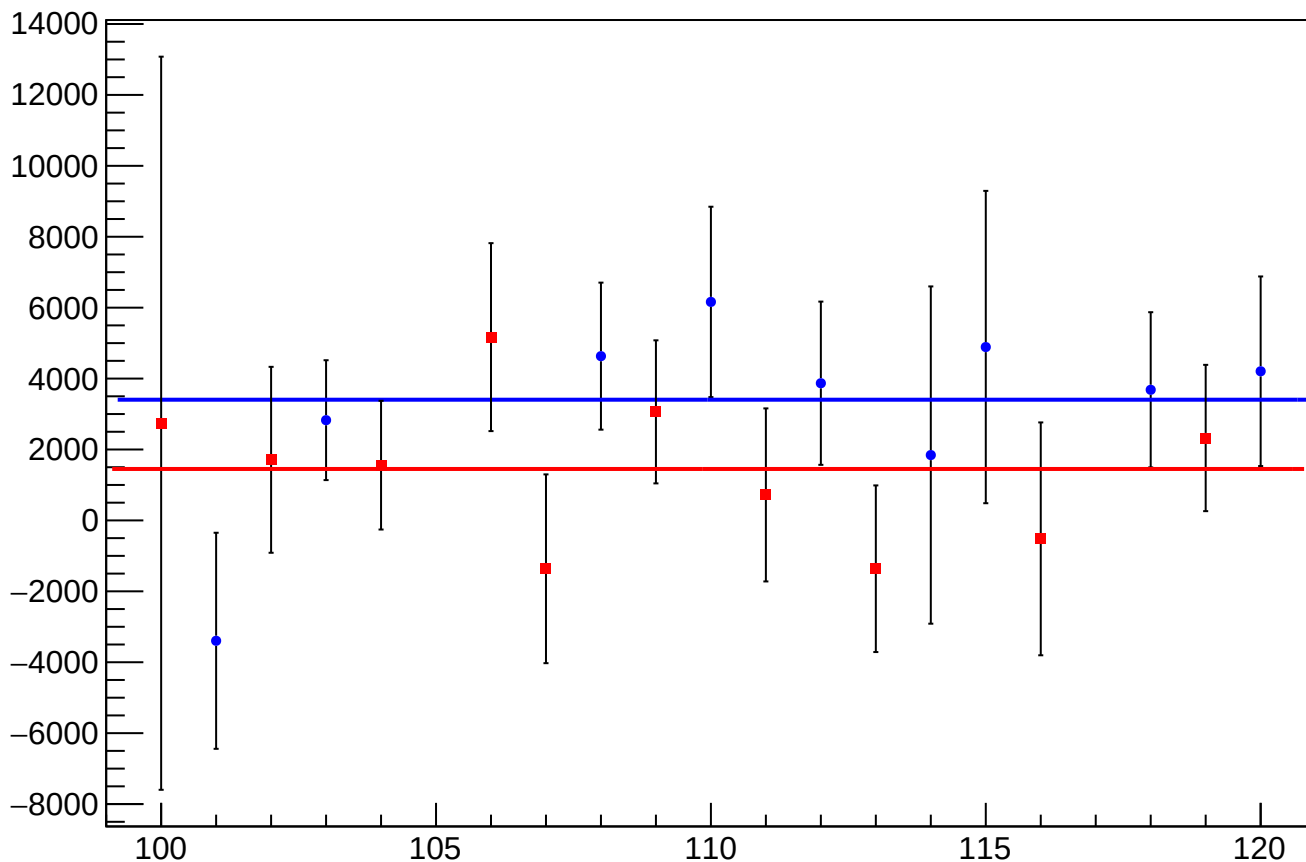
Right: 0.000+/-0.000 χ^2/NDF : 1094196.9/18

In: 0.000+/-0.000 χ^2/NDF : 470609.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1094196.9/18

reg_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3404.054+/-826.969 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1450.754+/-775.152 χ^2/NDF : 5.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

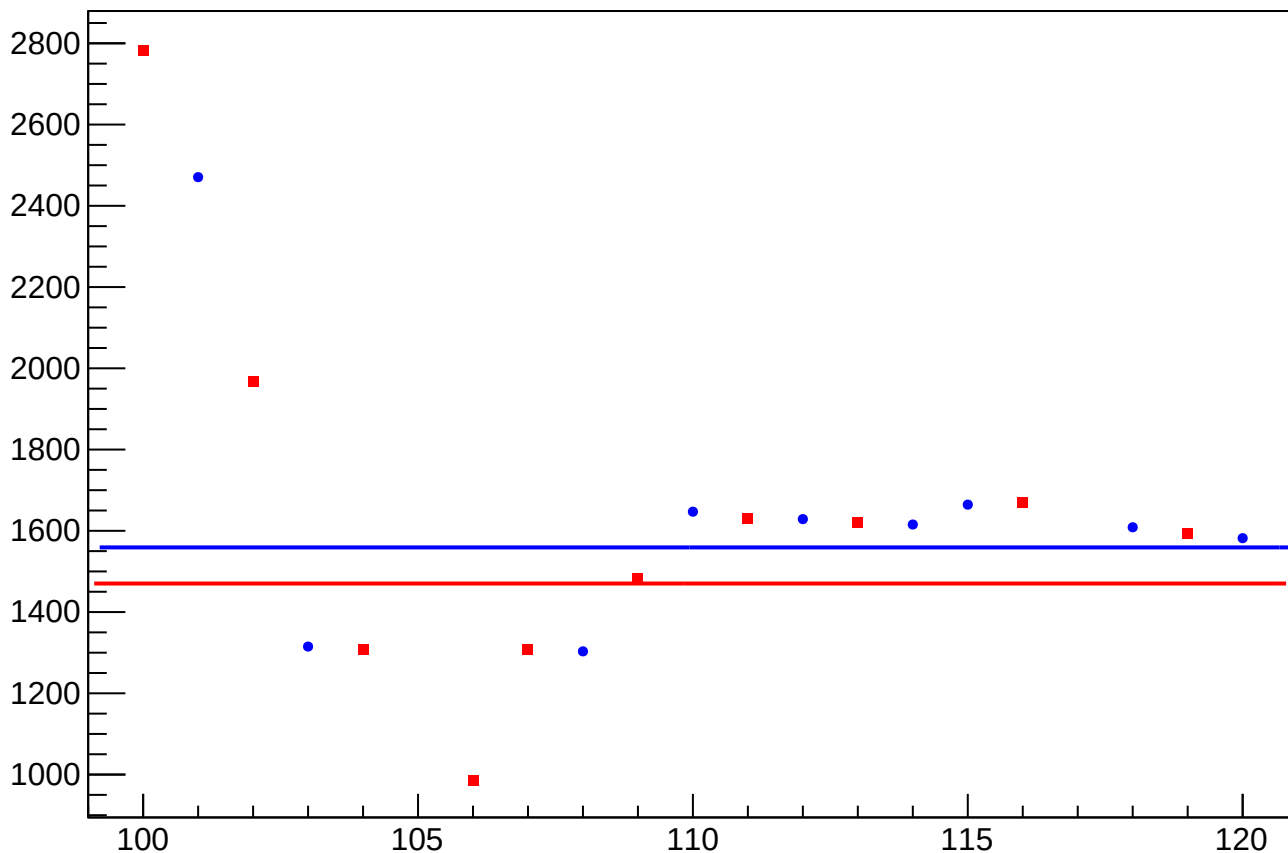
Right: 2364.295+/-565.547 χ^2/NDF : 15.7/18

In: 3404.054+/-826.969 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2364.295+/-565.547 χ^2/NDF : 15.7/18

reg_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1559.168+/-0.585 χ^2/NDF : 257681.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1470.262+/-0.533 χ^2/NDF : 272019.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

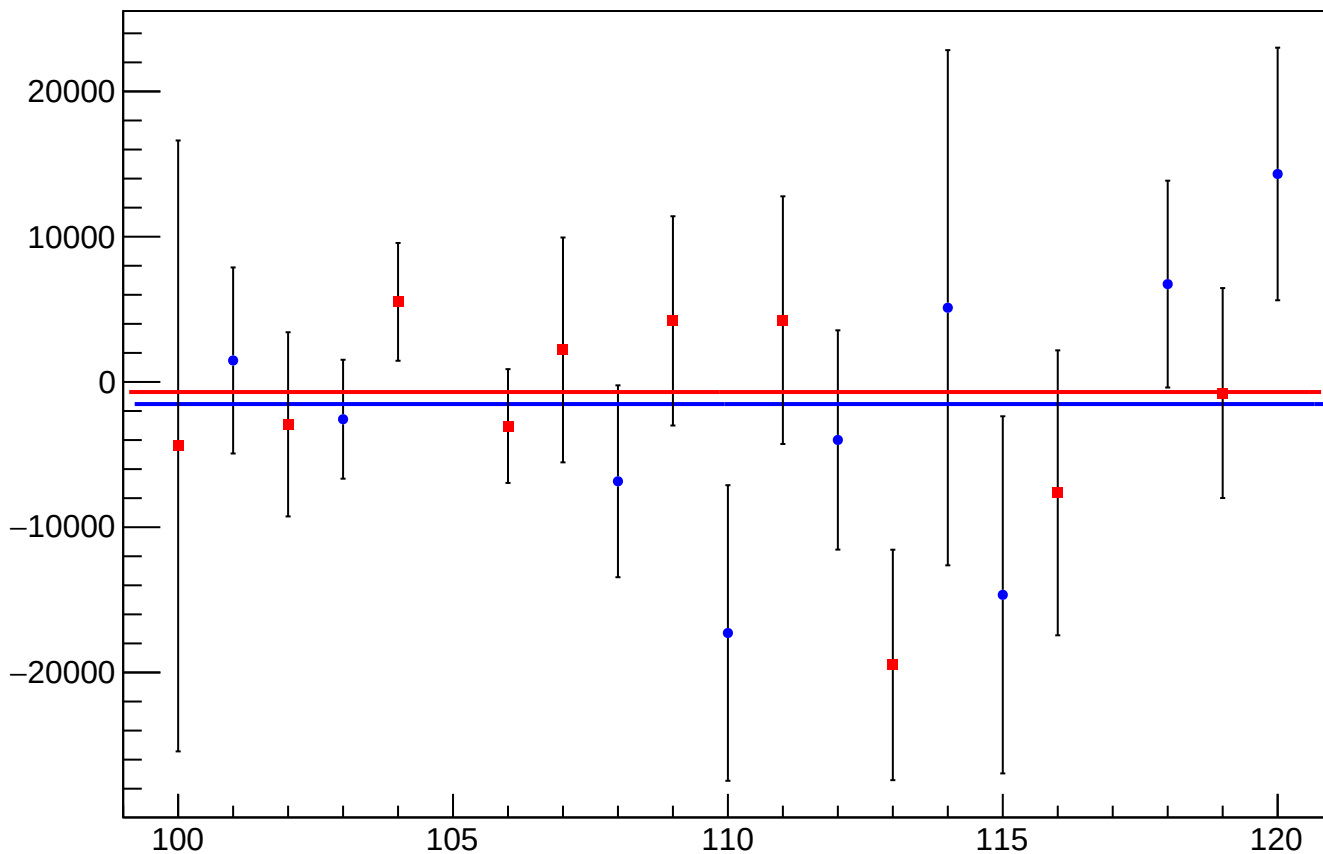
Right: 1510.566+/-0.394 χ^2/NDF : 542337.6/18

In: 1559.168+/-0.585 χ^2/NDF : 257681.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1510.566+/-0.394 χ^2/NDF : 542337.6/18

asym_usr_atr2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1521.740+/-2377.221 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -693.182+/-2006.737 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

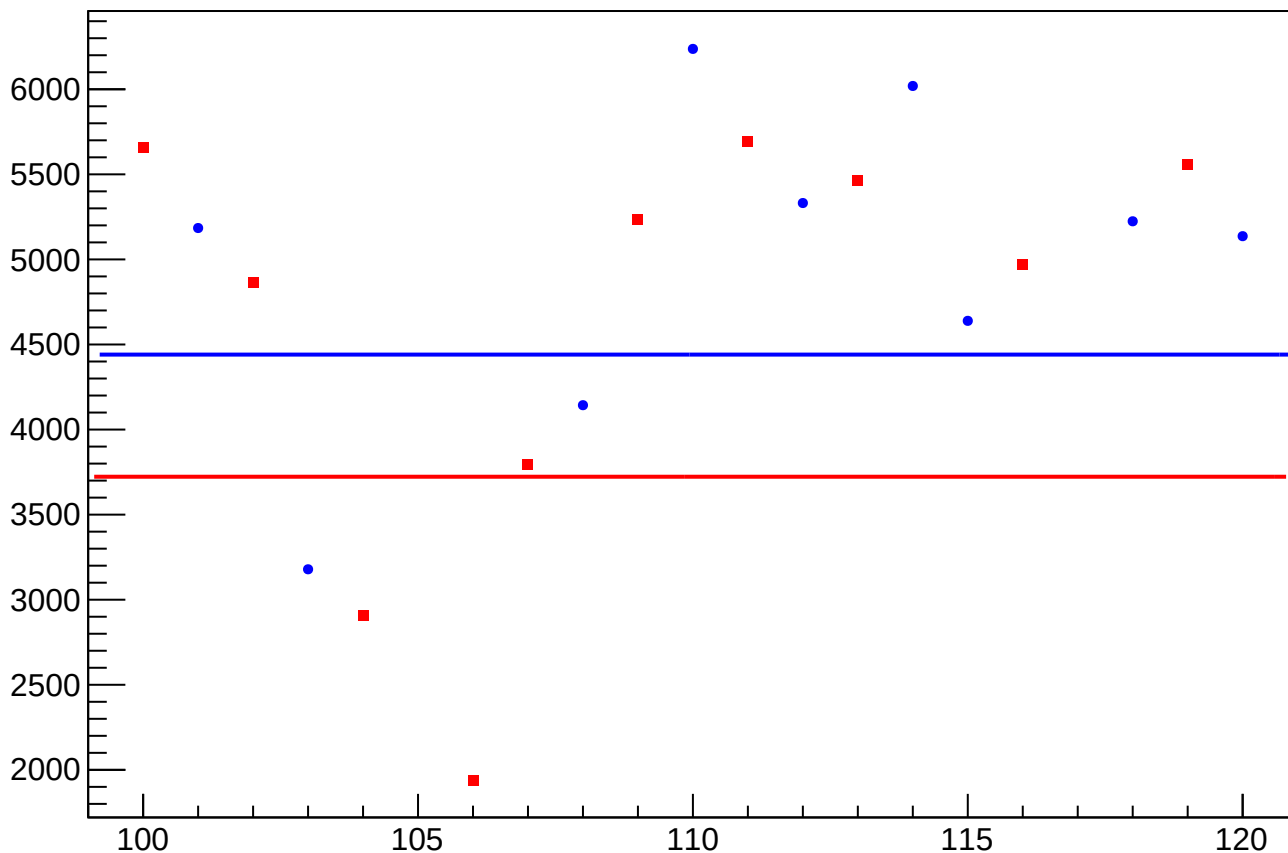
Right: -1037.937+/-1533.428 χ^2/NDF : 19.4/18

In: -1521.740+/-2377.221 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1037.937+/-1533.428 χ^2/NDF : 19.4/18

asym_usr_atr2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 4440.613+/-1.681 χ^2/NDF : 364718.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3722.804+/-1.419 χ^2/NDF : 1030732.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

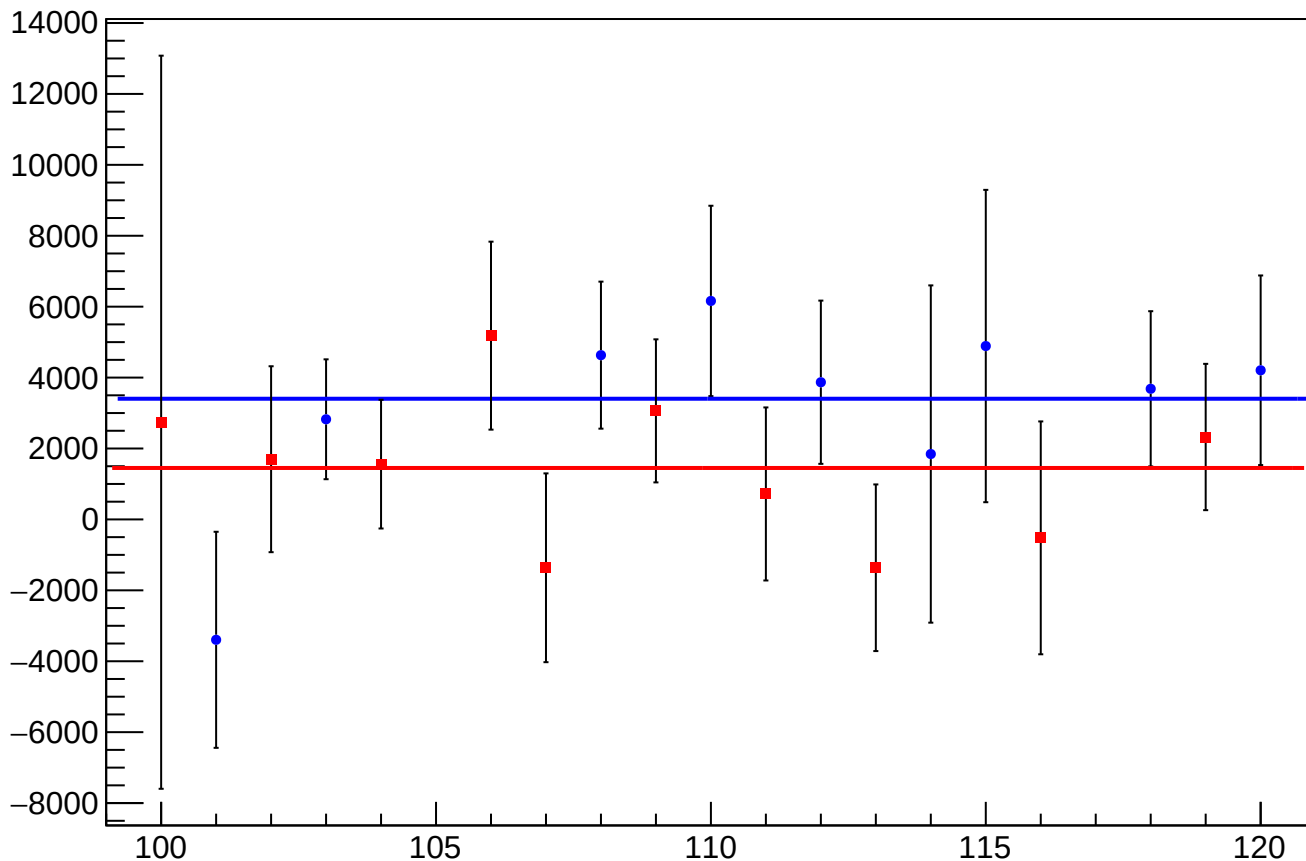
Right: 4021.477+/-1.084 χ^2/NDF : 1501928.4/18

In: 4440.613+/-1.681 χ^2/NDF : 364718.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4021.477+/-1.084 χ^2/NDF : 1501928.4/18

cor_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3403.416+/-826.969 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1450.916+/-775.159 χ^2/NDF : 5.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

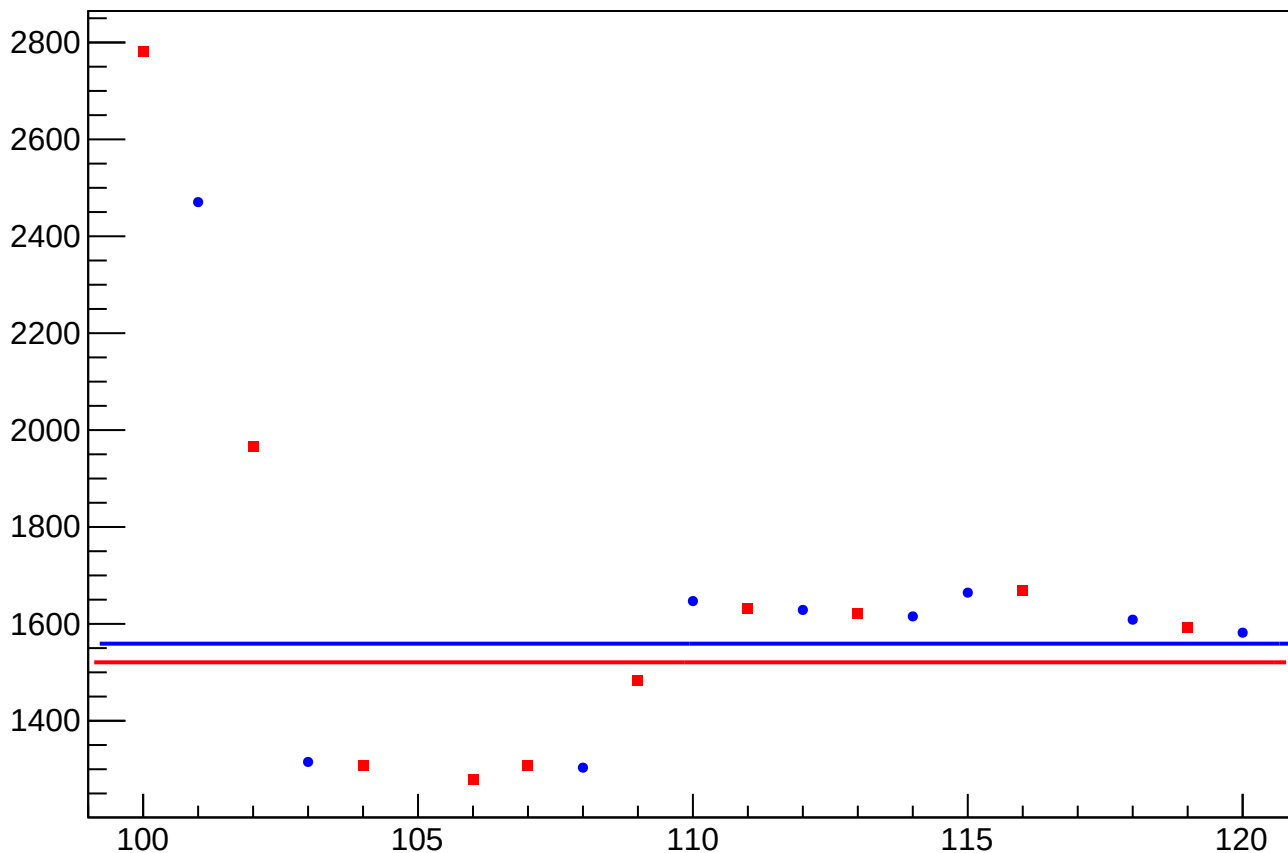
Right: 2364.091+/-565.550 χ^2/NDF : 15.7/18

In: 3403.416+/-826.969 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2364.091+/-565.550 χ^2/NDF : 15.7/18

cor_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1559.168+/-0.585 χ^2/NDF : 257680.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1520.690+/-0.544 χ^2/NDF : 162503.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

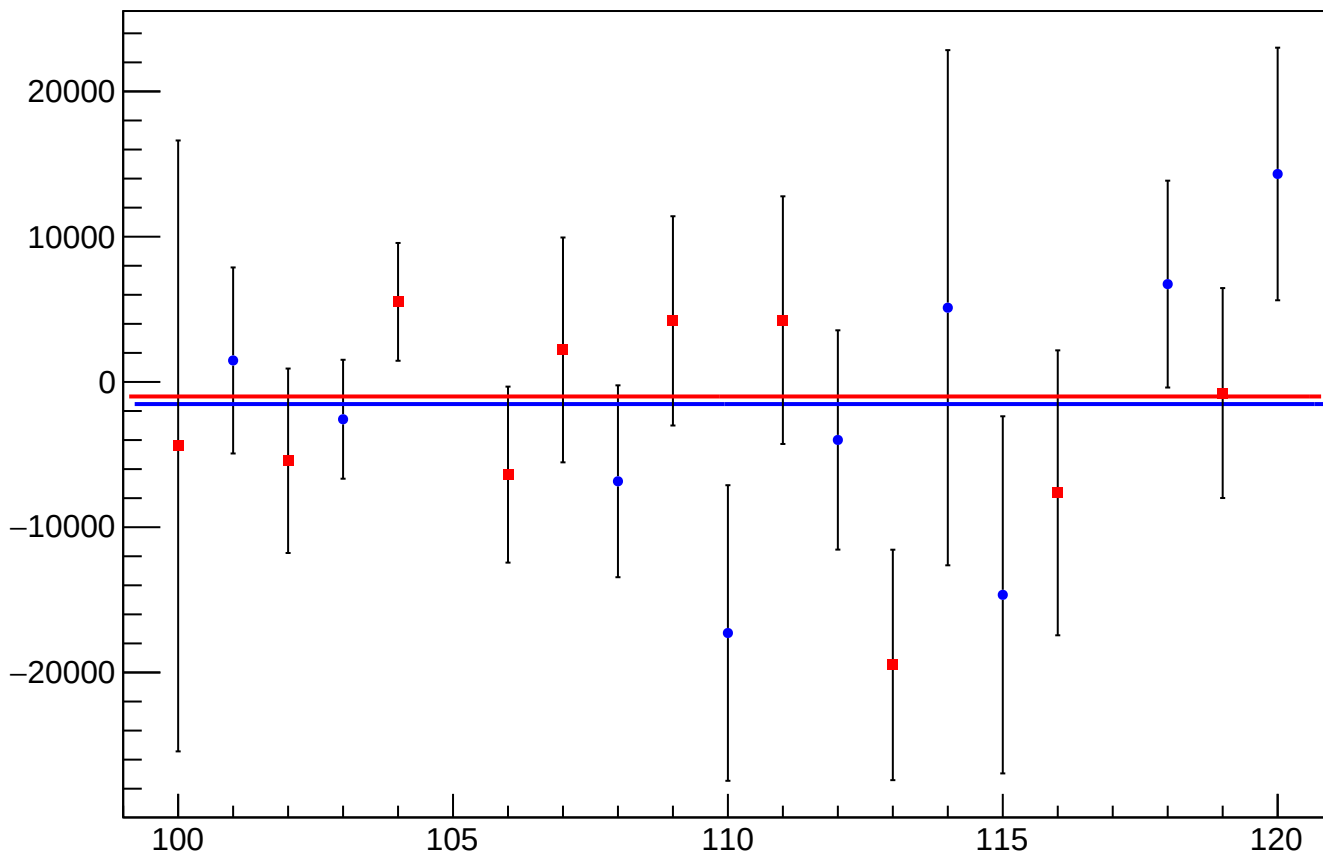
Right: 1538.555+/-0.398 χ^2/NDF : 422503.0/18

In: 1559.168+/-0.585 χ^2/NDF : 257680.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1538.555+/-0.398 χ^2/NDF : 422503.0/18

asym_usr_atr2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1522.203+/-2377.303 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -999.659+/-2180.547 χ^2/NDF : 10.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

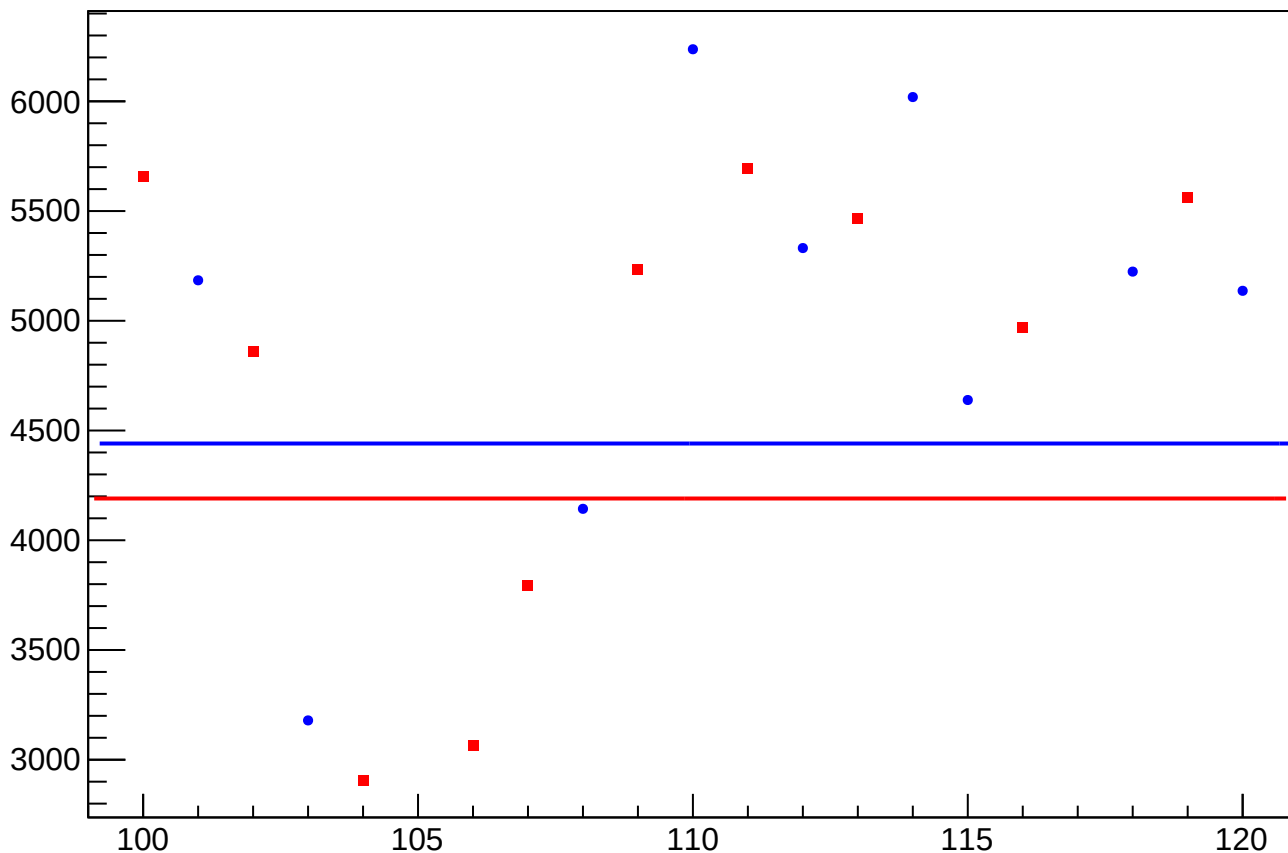
Right: -1238.415+/-1606.944 χ^2/NDF : 20.3/18

In: -1522.203+/-2377.303 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1238.415+/-1606.944 χ^2/NDF : 20.3/18

asym_usr_atr2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 4440.817+/-1.681 χ^2/NDF : 364574.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4190.250+/-1.542 χ^2/NDF : 547008.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

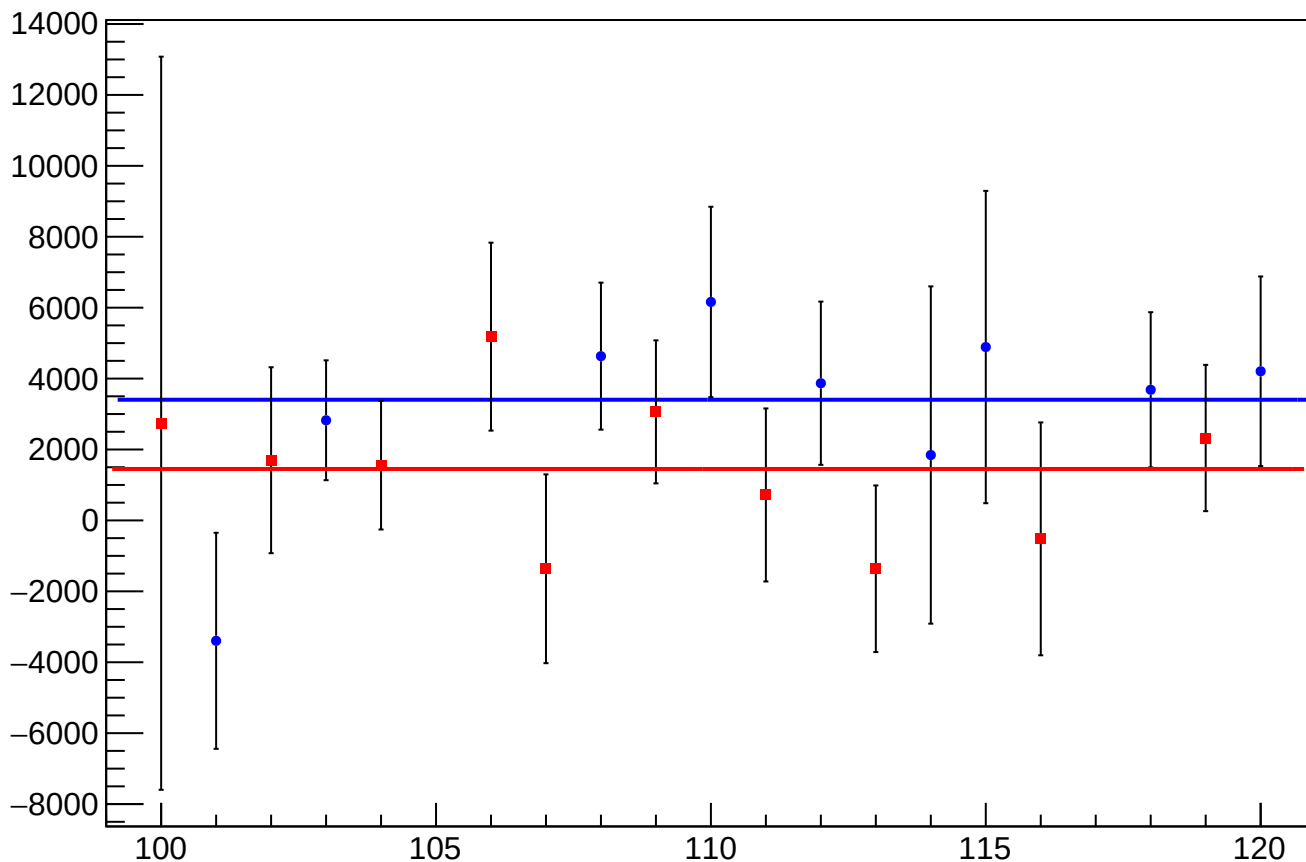
Right: 4304.737+/-1.136 χ^2/NDF : 923649.7/18

In: 4440.817+/-1.681 χ^2/NDF : 364574.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4304.737+/-1.136 χ^2/NDF : 923649.7/18

eigen_cor_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3403.416+/-826.969 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1450.916+/-775.159 χ^2/NDF : 5.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

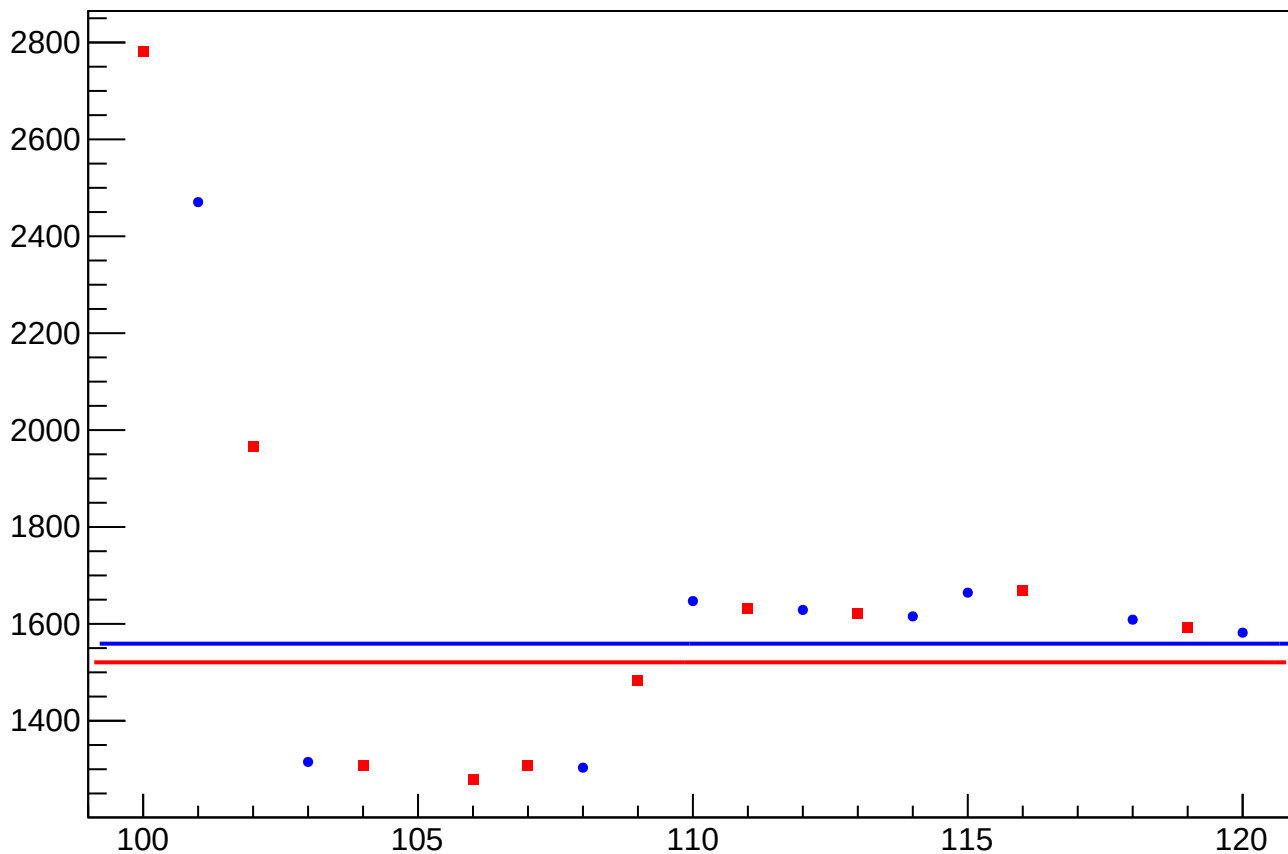
Right: 2364.091+/-565.550 χ^2/NDF : 15.7/18

In: 3403.416+/-826.969 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2364.091+/-565.550 χ^2/NDF : 15.7/18

eigen_cor_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1559.168+/-0.585 χ^2/NDF : 257680.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1520.690+/-0.544 χ^2/NDF : 162503.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

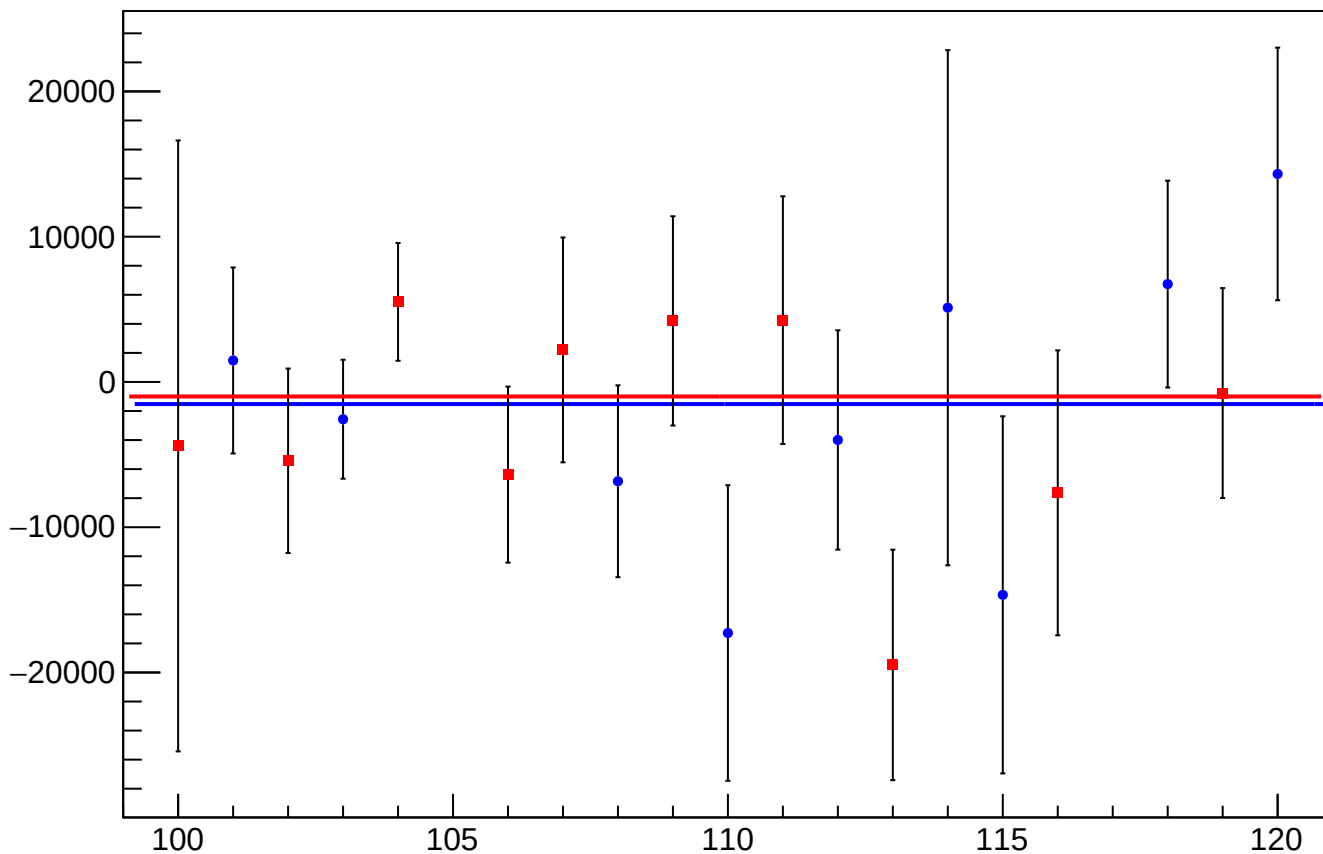
Right: 1538.555+/-0.398 χ^2/NDF : 422503.0/18

In: 1559.168+/-0.585 χ^2/NDF : 257680.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1538.555+/-0.398 χ^2/NDF : 422503.0/18

asym_usr_atr2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1522.203+/-2377.303 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -999.659+/-2180.547 χ^2/NDF : 10.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

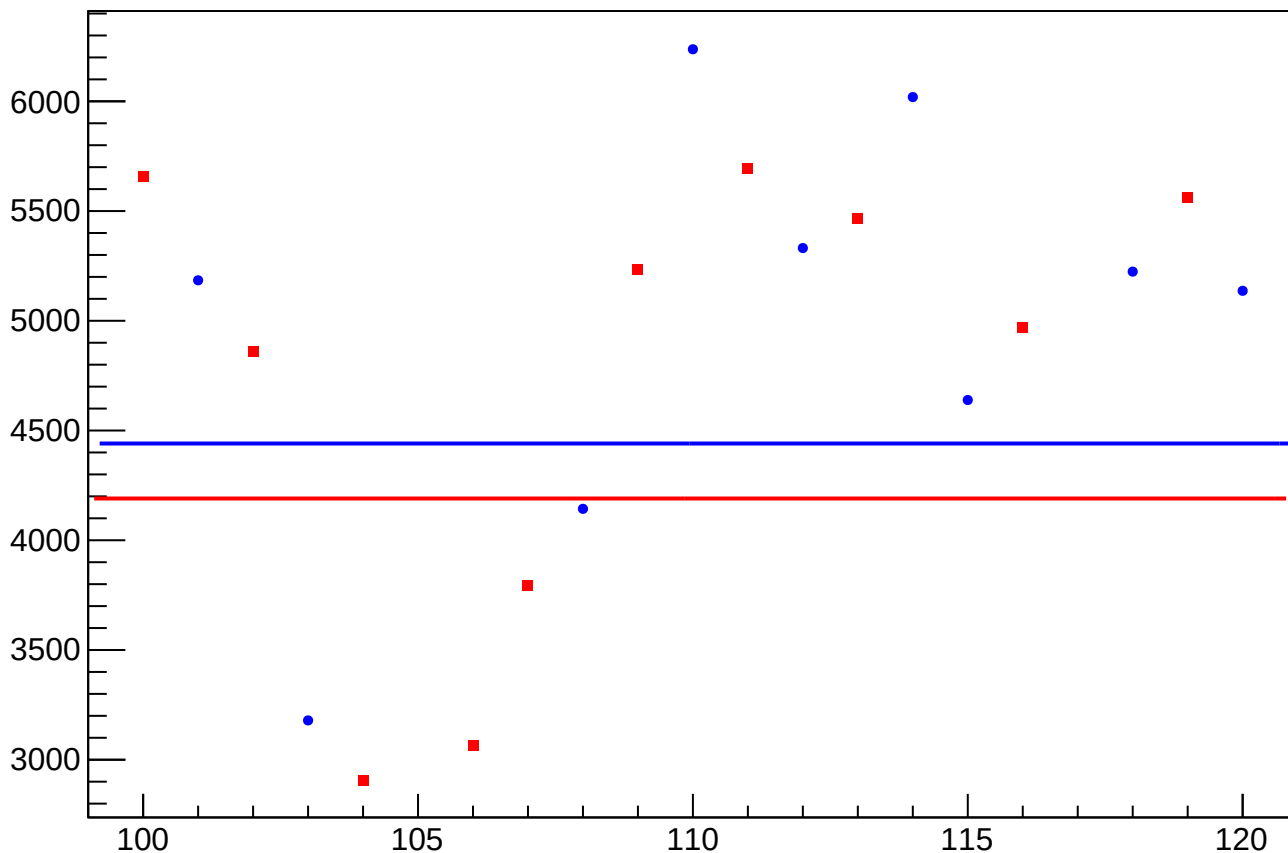
Right: -1238.415+/-1606.944 χ^2/NDF : 20.3/18

In: -1522.203+/-2377.303 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1238.415+/-1606.944 χ^2/NDF : 20.3/18

asym_usr_atr2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4440.817+/-1.681 χ^2/NDF : 364574.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4190.250+/-1.542 χ^2/NDF : 547008.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

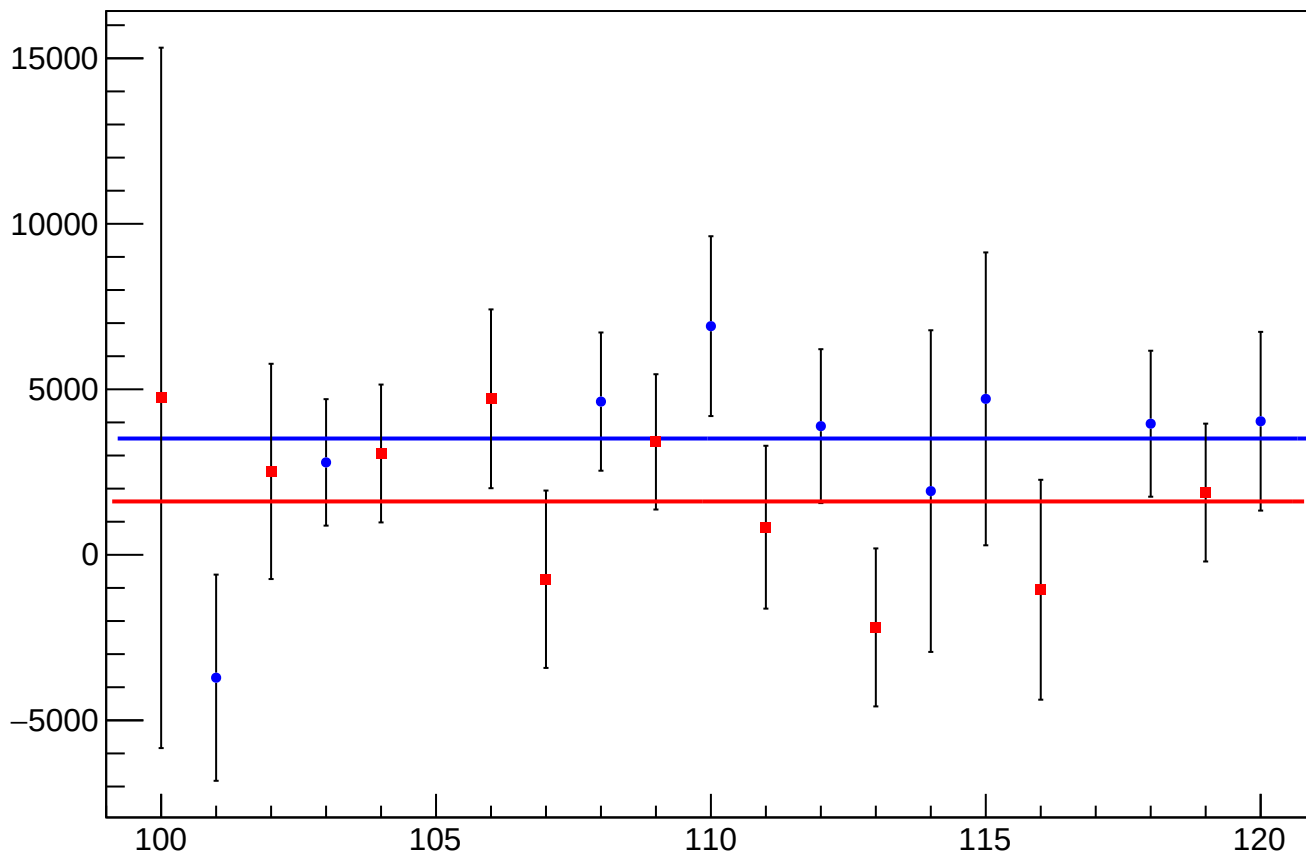
Right: 4304.737+/-1.136 χ^2/NDF : 923649.7/18

In: 4440.817+/-1.681 χ^2/NDF : 364574.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4304.737+/-1.136 χ^2/NDF : 923649.7/18

dit_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3513.719+/-856.427 χ^2/NDF : 7.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1612.416+/-813.238 χ^2/NDF : 6.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

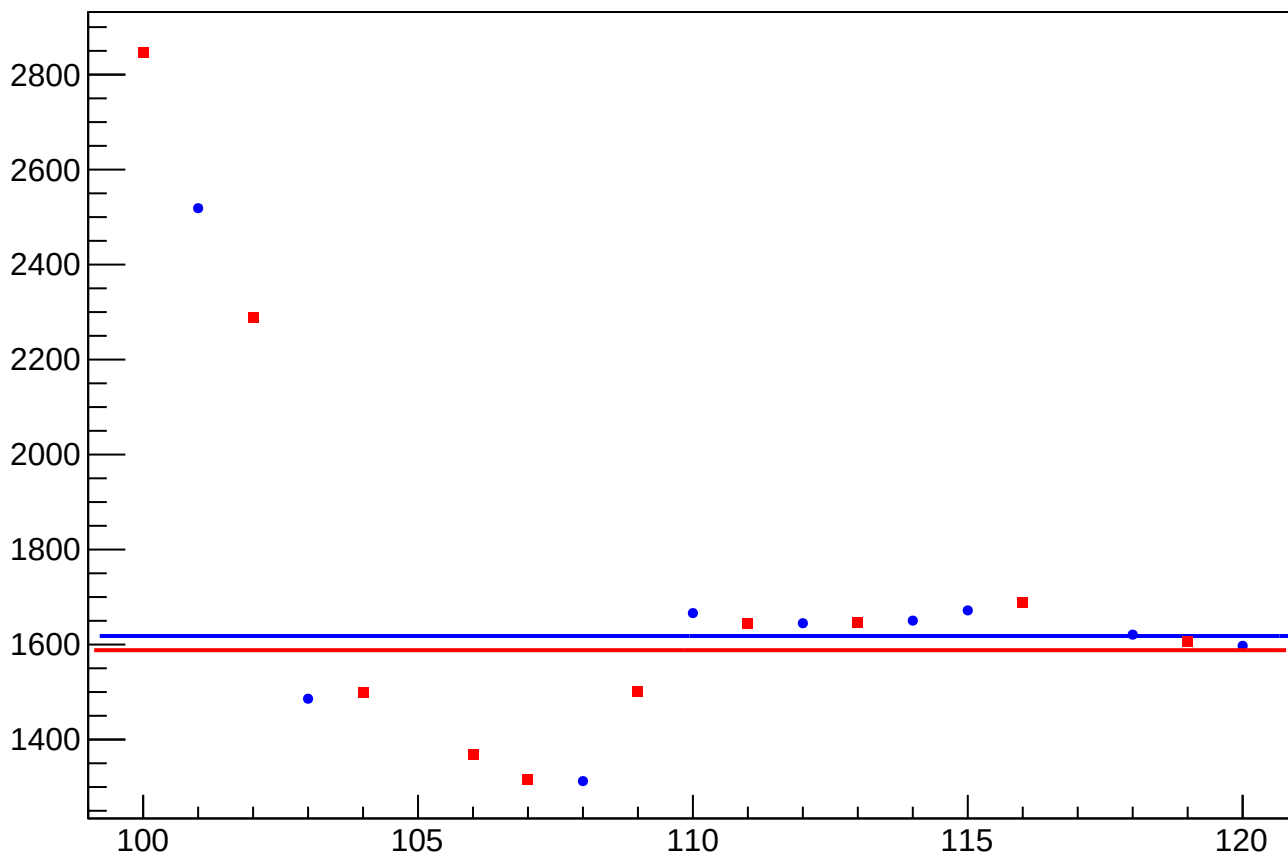
Right: 2513.919+/-589.723 χ^2/NDF : 17.1/18

In: 3513.719+/-856.427 χ^2/NDF : 7.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2513.919+/-589.723 χ^2/NDF : 17.1/18

dit_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1617.996 $\pm$ 0.606 χ^2 /NDF: 221079.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1588.145 $\pm$ 0.574 χ^2 /NDF: 166826.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

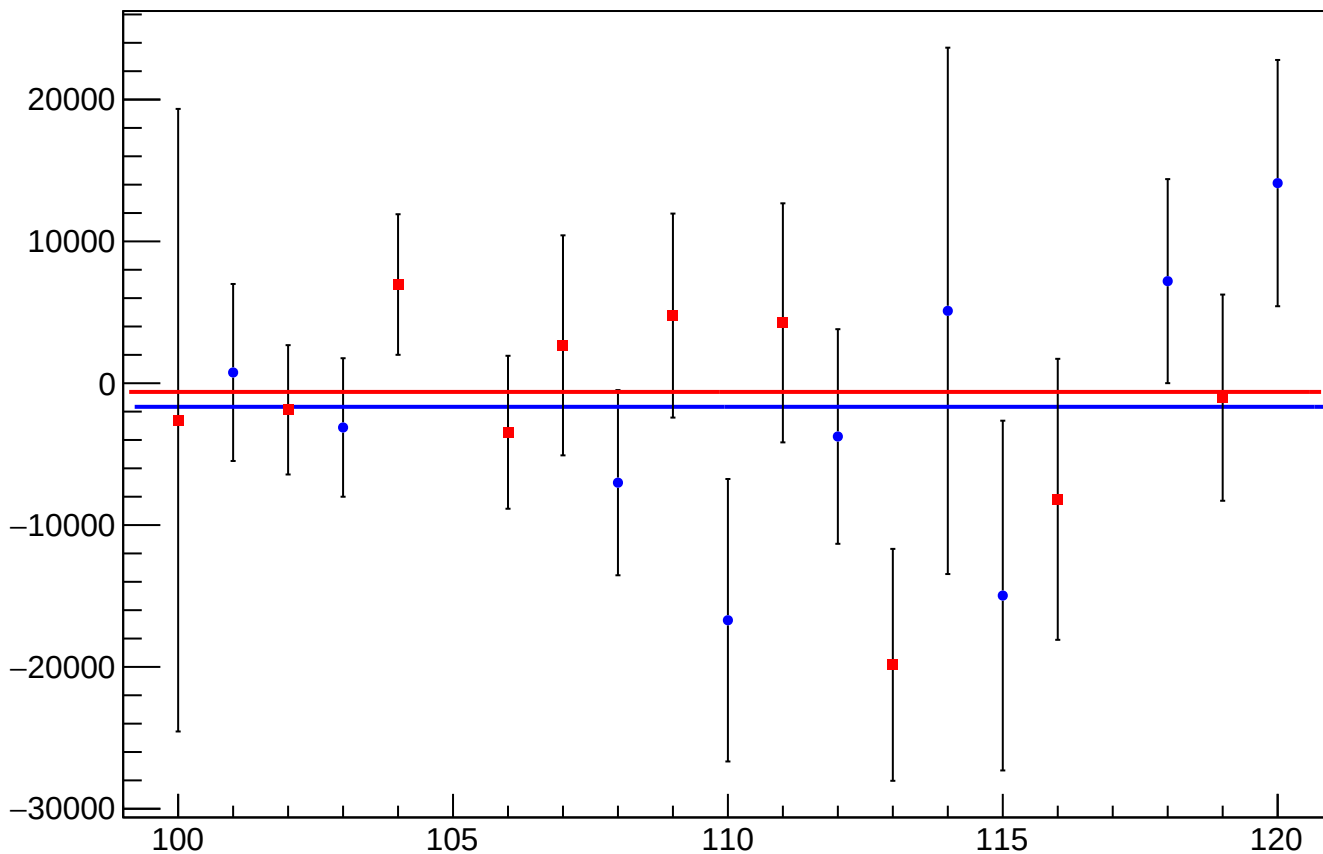
Right: 1602.276 $\pm$ 0.417 χ^2 /NDF: 389185.7/18

In: 1617.996 $\pm$ 0.606 χ^2 /NDF:221079.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1602.276 $\pm$ 0.417 χ^2 /NDF: 389185.7/18

asym_usr_atr2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1662.893+/-2494.382 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -612.007+/-2134.864 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

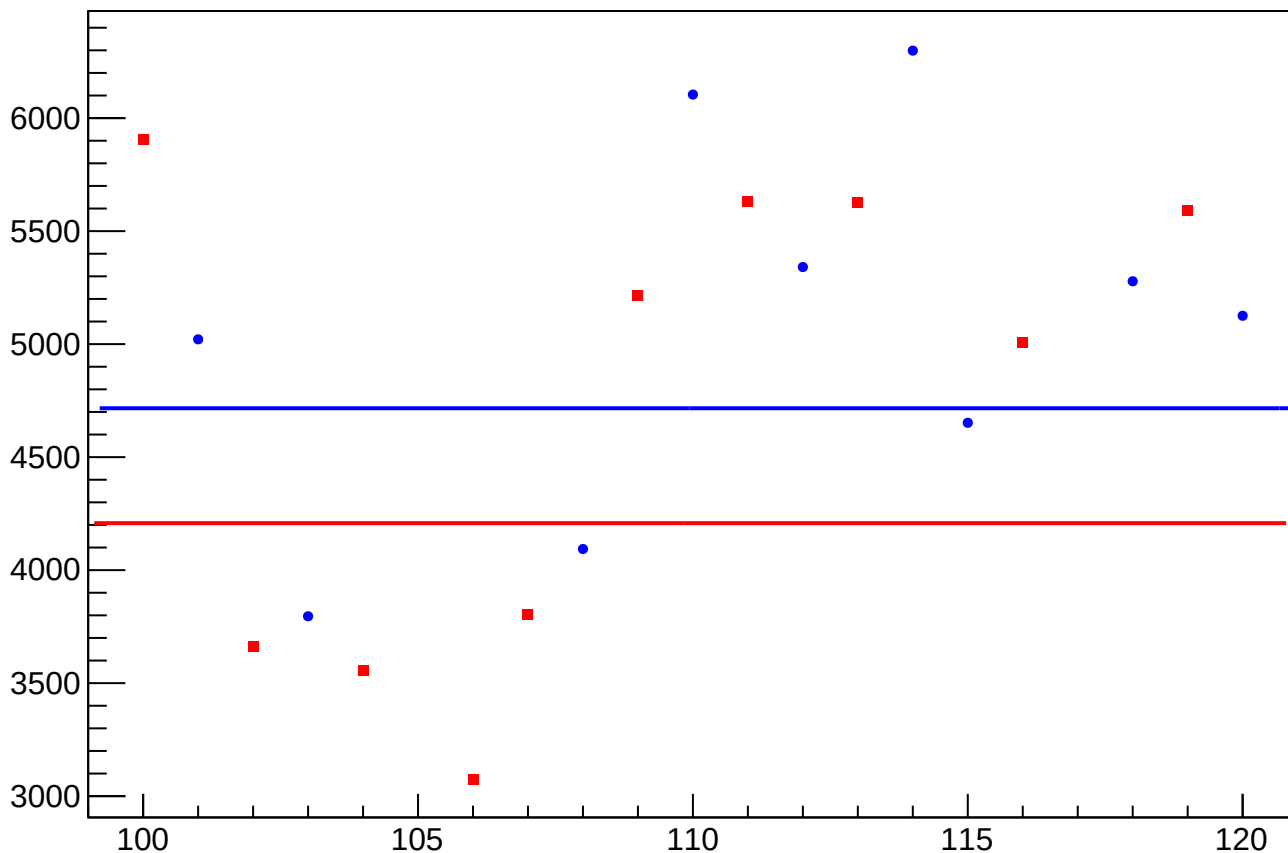
Right: -1056.325+/-1621.930 χ^2/NDF : 19.4/18

In: -1662.893+/-2494.382 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1056.325+/-1621.930 χ^2/NDF : 19.4/18

asym_usr_atr2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4716.243+/-1.764 χ^2/NDF : 177781.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4207.866+/-1.510 χ^2/NDF : 411034.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

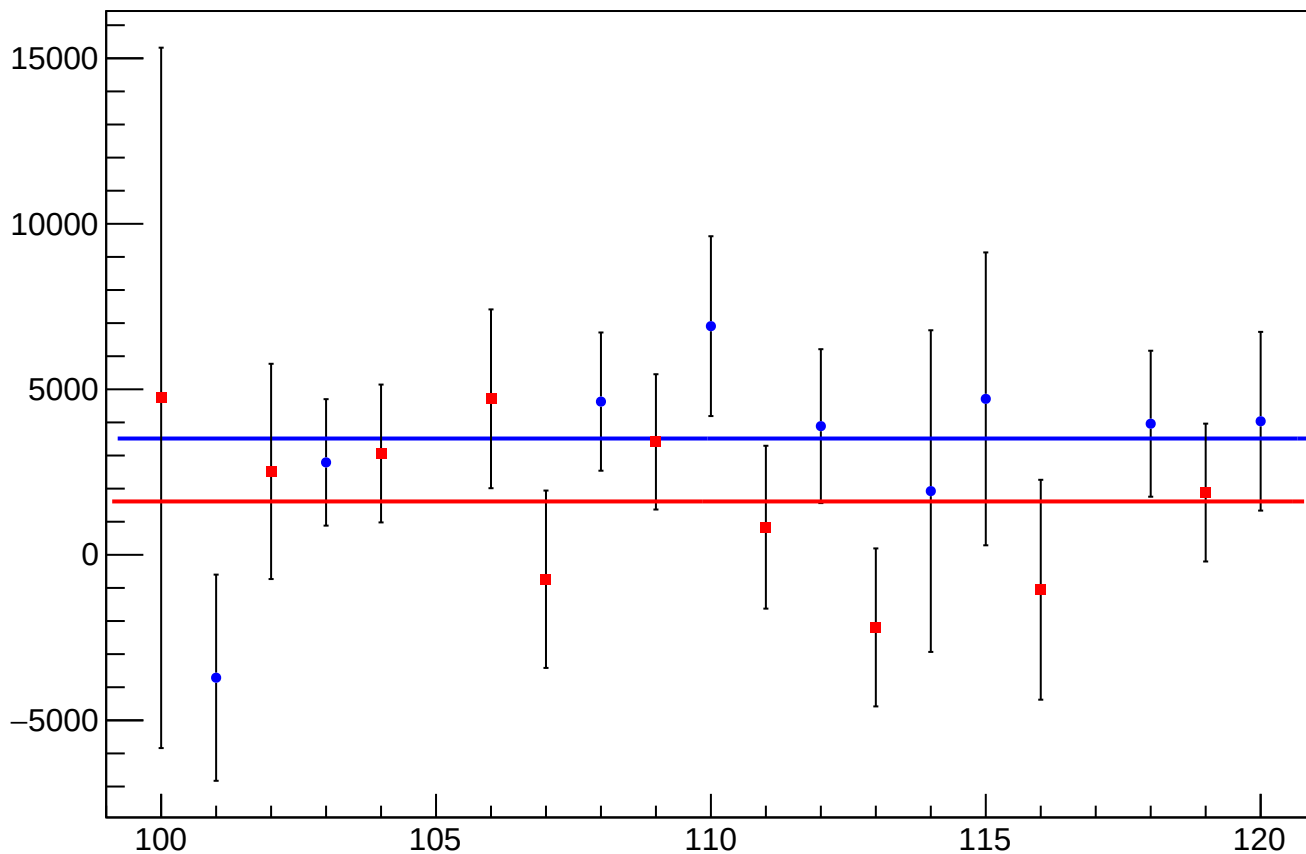
Right: 4422.809+/-1.147 χ^2/NDF : 636767.0/18

In: 4716.243+/-1.764 χ^2/NDF : 177781.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4422.809+/-1.147 χ^2/NDF : 636767.0/18

eigen_dit_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3513.712+/-856.427 χ^2/NDF : 7.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1612.419+/-813.237 χ^2/NDF : 6.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

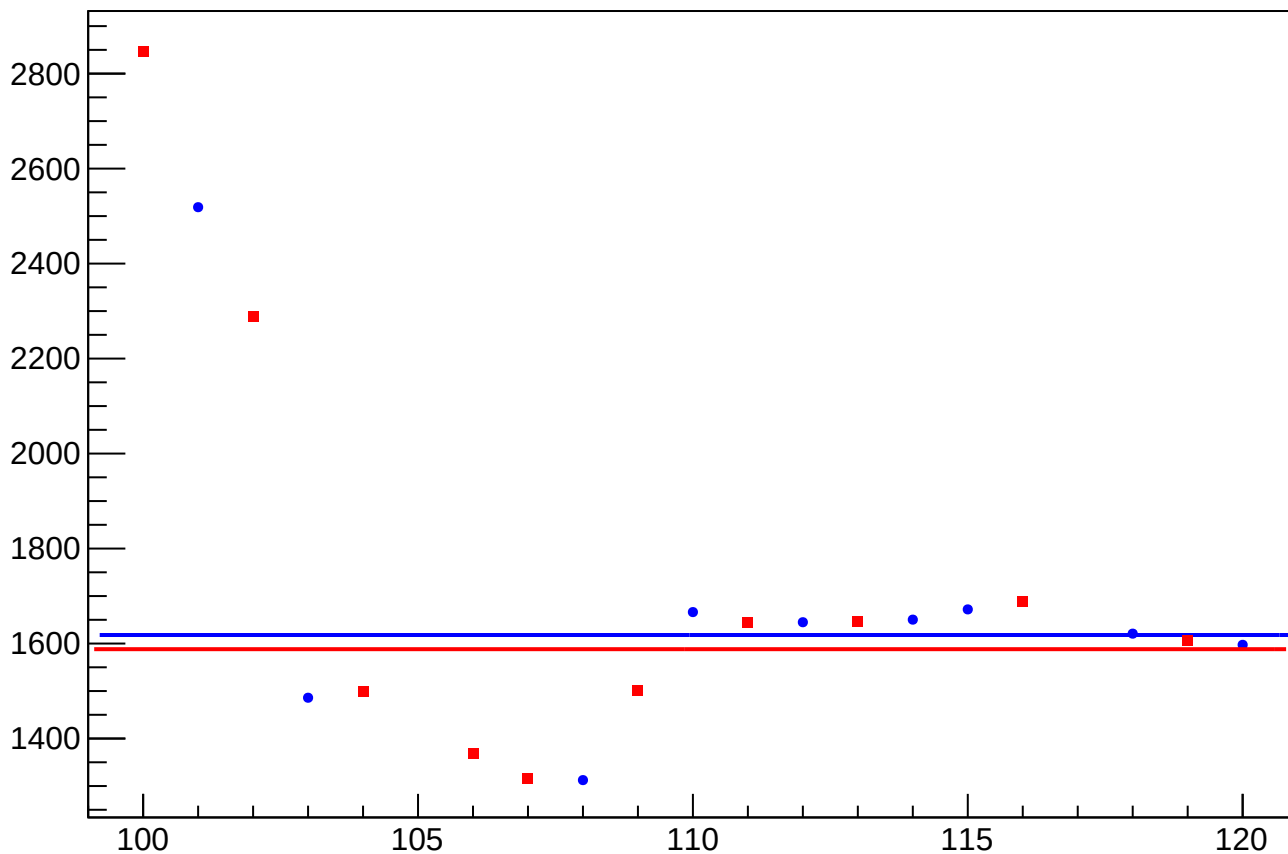
Right: 2513.917+/-589.723 χ^2/NDF : 17.1/18

In: 3513.712+/-856.427 χ^2/NDF : 7.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2513.917+/-589.723 χ^2/NDF : 17.1/18

eigen_dit_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1617.996+/-0.606 χ^2/NDF : 221079.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1588.145+/-0.574 χ^2/NDF : 166826.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

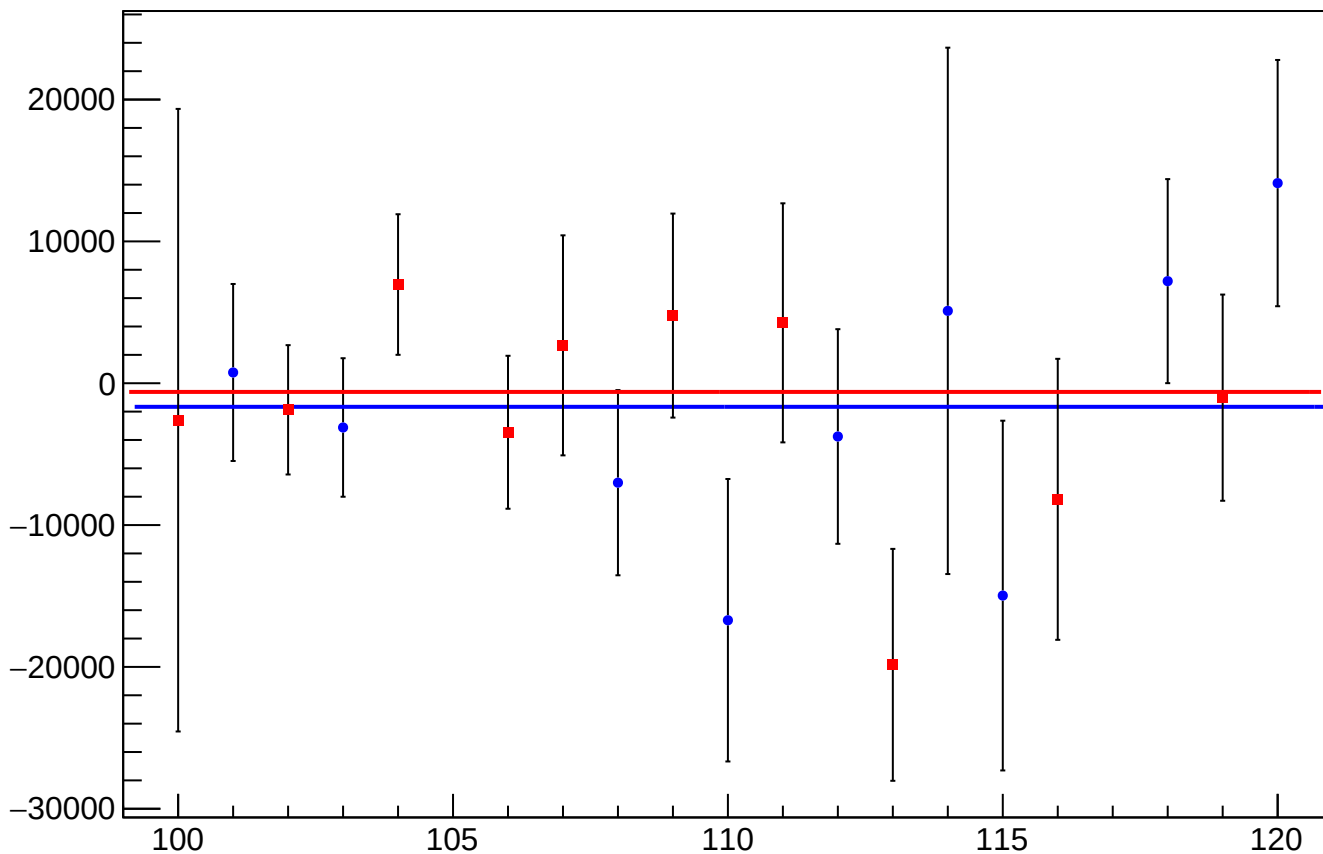
Right: 1602.275+/-0.417 χ^2/NDF : 389185.6/18

In: 1617.996+/-0.606 χ^2/NDF : 221079.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1602.275+/-0.417 χ^2/NDF : 389185.6/18

asym_usr_atr2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1662.888+/-2494.377 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -612.009+/-2134.861 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

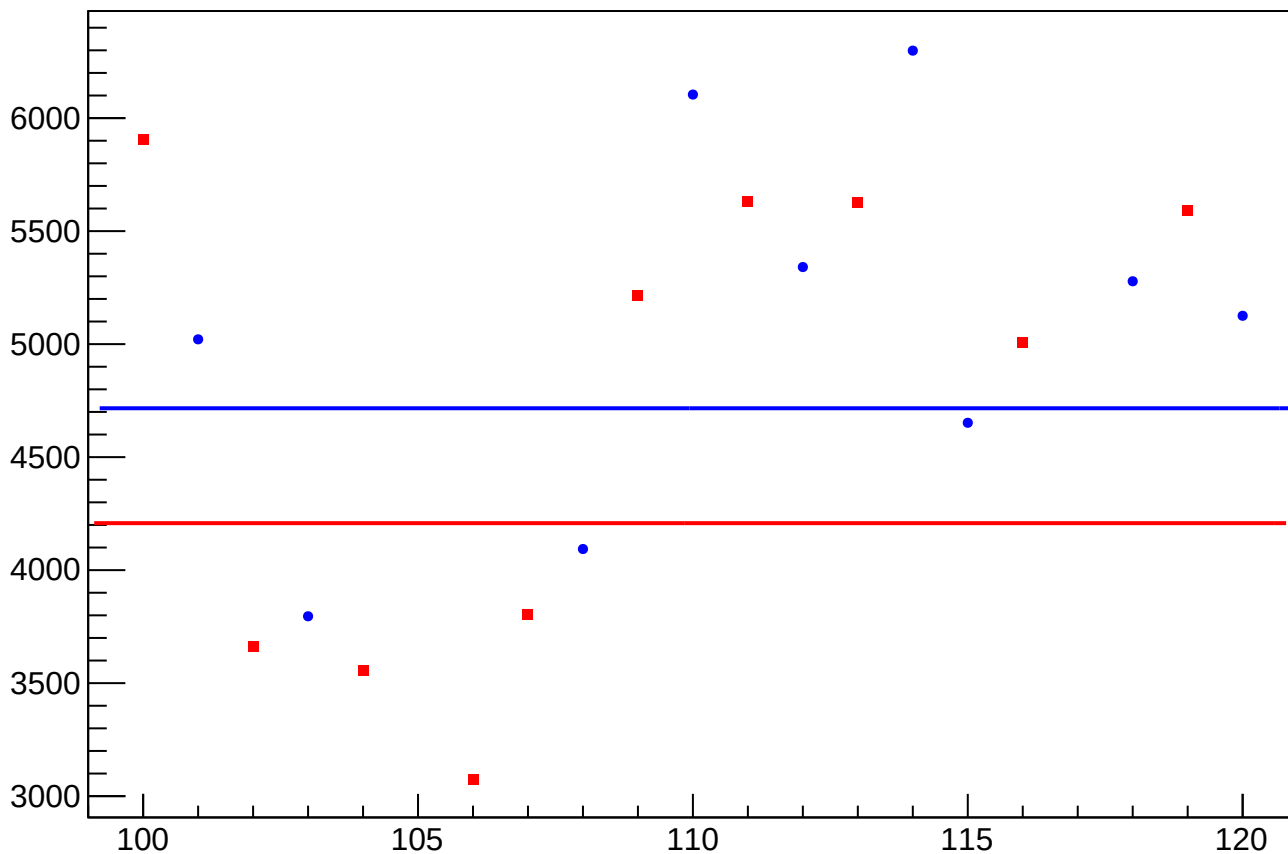
Right: -1056.324+/-1621.927 χ^2/NDF : 19.4/18

In: -1662.888+/-2494.377 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1056.324+/-1621.927 χ^2/NDF : 19.4/18

asym_usr_atr2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4716.235+/-1.764 χ^2/NDF : 177778.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4207.860+/-1.510 χ^2/NDF : 411031.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

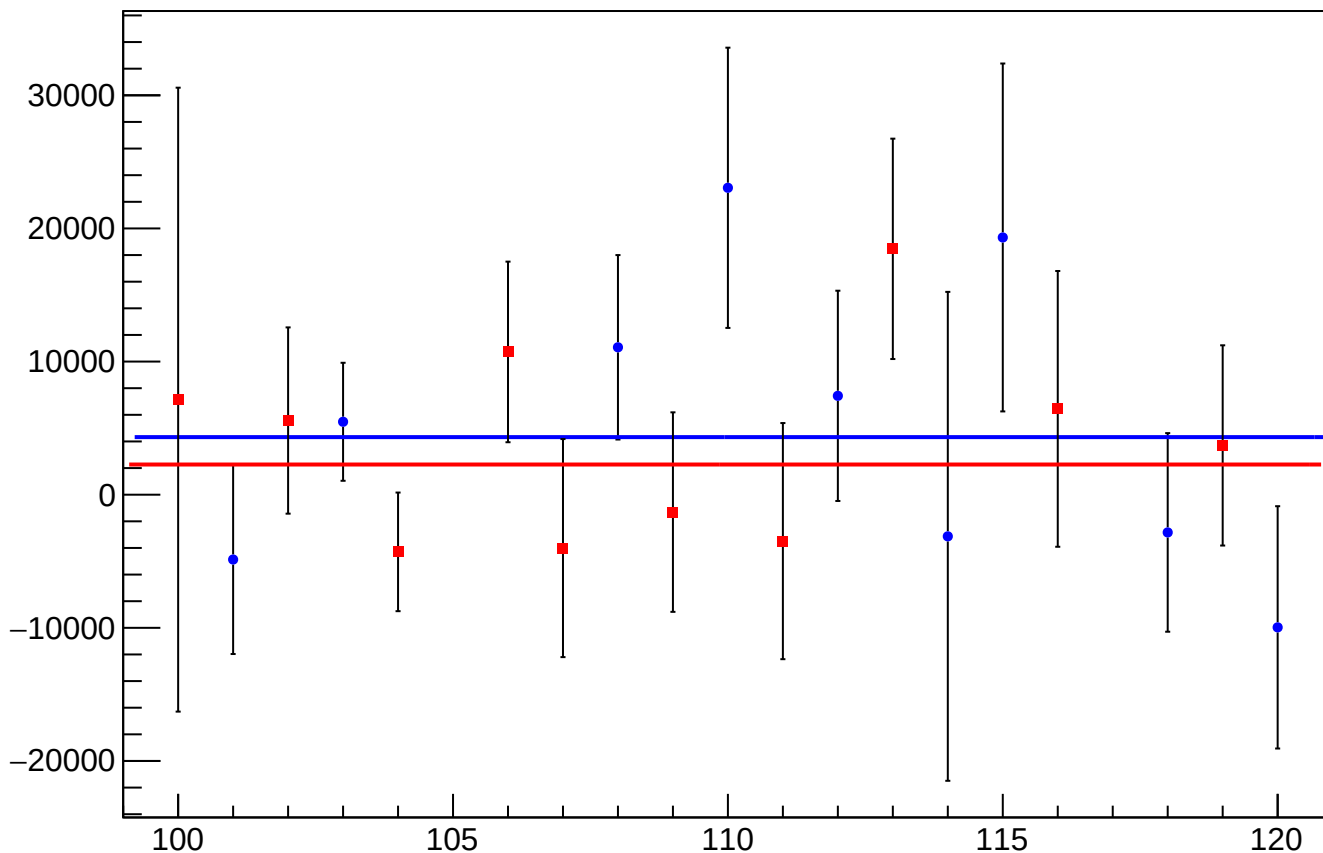
Right: 4422.803+/-1.147 χ^2/NDF : 636761.4/18

In: 4716.235+/-1.764 χ^2/NDF : 177778.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4422.803+/-1.147 χ^2/NDF : 636761.4/18

asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 4325.291+/-2535.595 χ^2/NDF : 10.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2267.208+/-2347.781 χ^2/NDF : 9.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

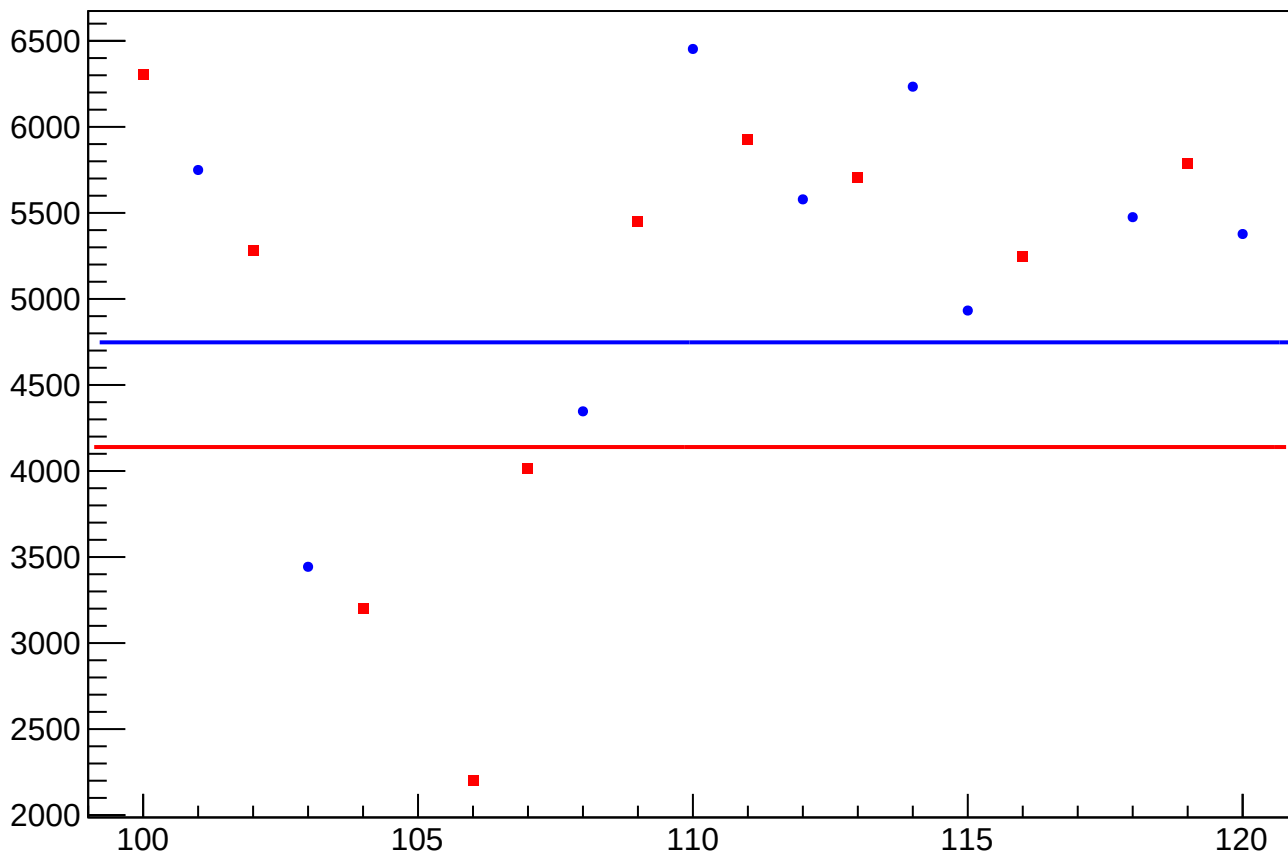
Right: 3217.213+/-1722.707 χ^2/NDF : 20.5/18

In: 4325.291+/-2535.595 χ^2/NDF : 10.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3217.213+/-1722.707 χ^2/NDF : 20.5/18

asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 4747.773+/-1.793 χ^2/NDF : 336567.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4139.297+/-1.564 χ^2/NDF : 828203.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

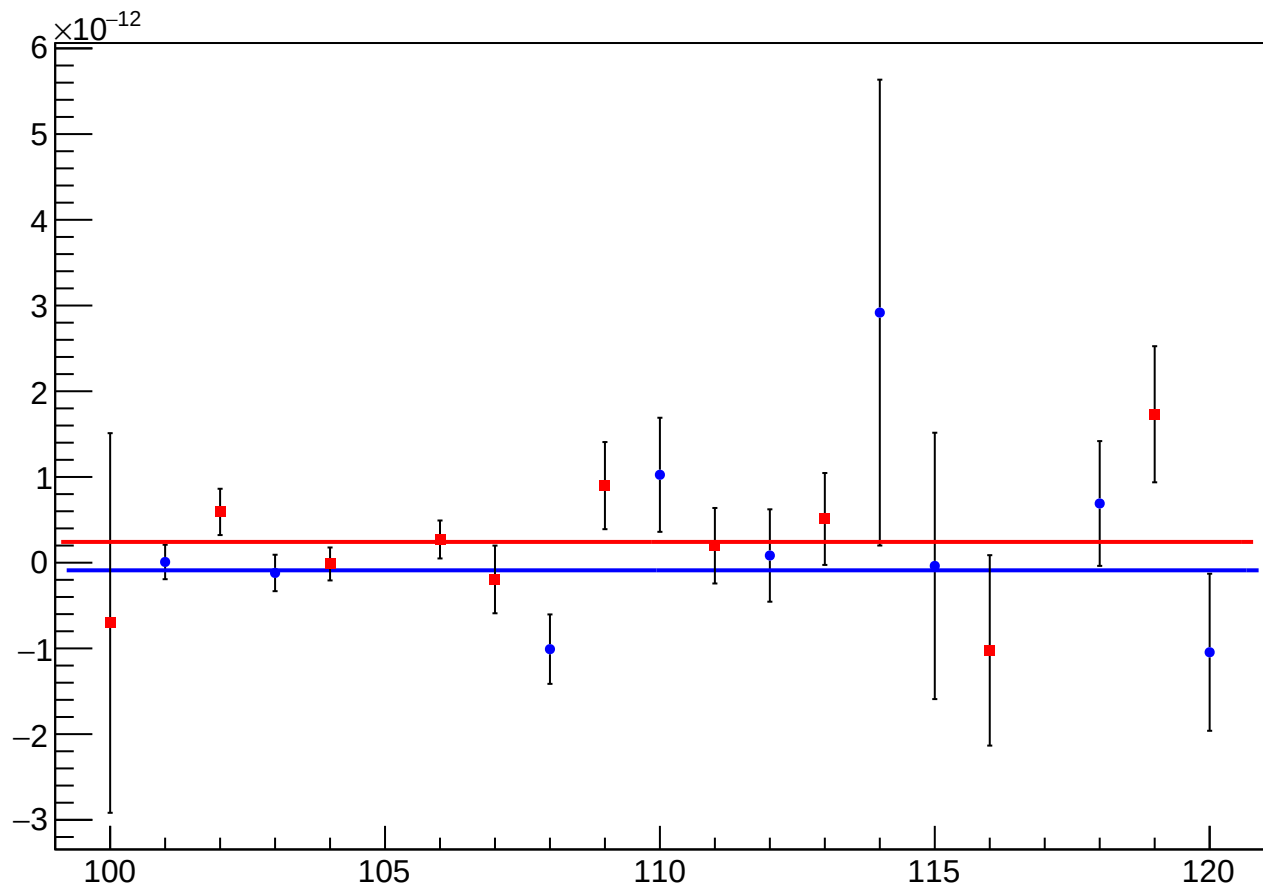
Right: 4402.278+/-1.179 χ^2/NDF : 1230168.0/18

In: 4747.773+/-1.793 χ^2/NDF : 336567.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4402.278+/-1.179 χ^2/NDF : 1230168.0/18

asym_usr_atr2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

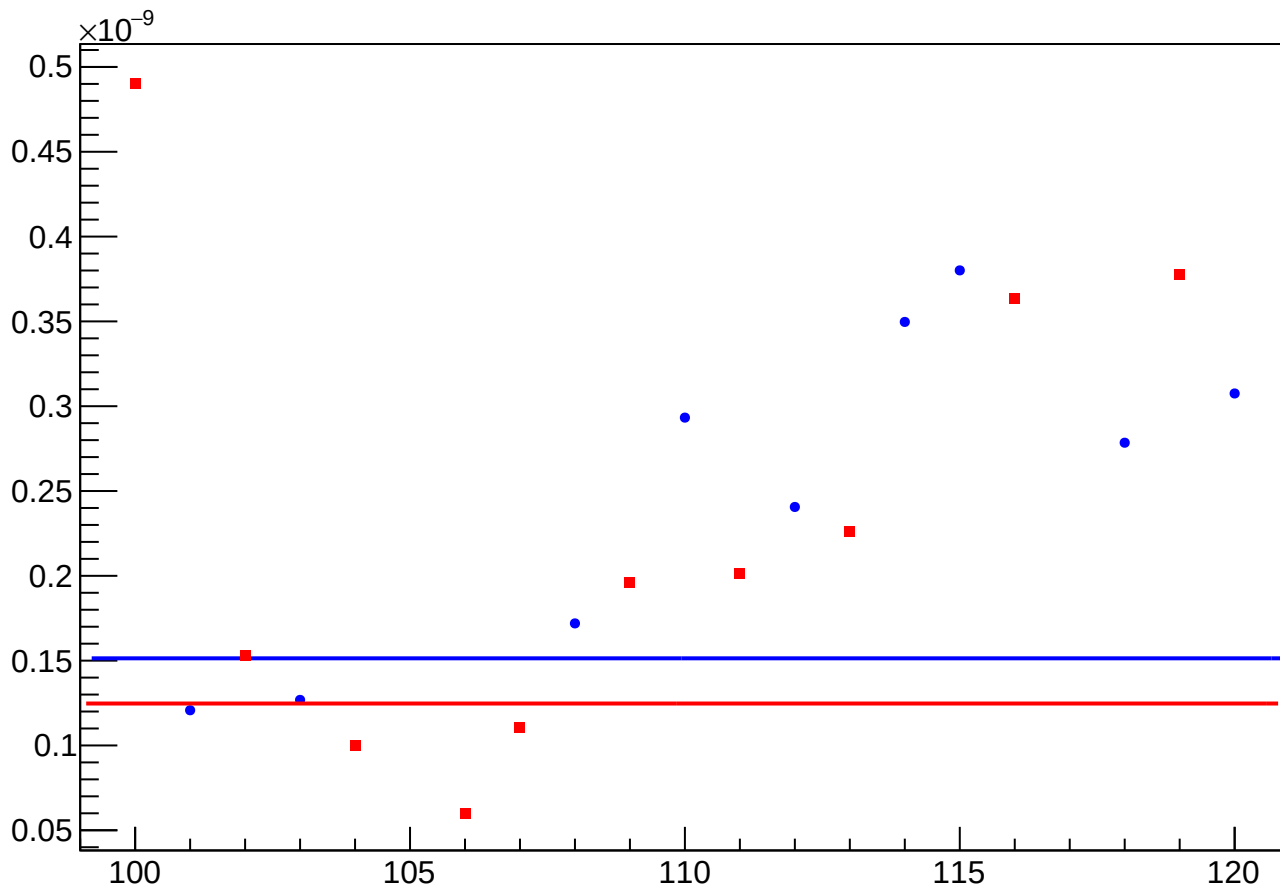
Right: 0.000+/-0.000 χ^2/NDF : 27.3/18

In: -0.000+/-0.000 χ^2/NDF : 11.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.3/18

asym_usr_atr2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 397068.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 751600.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

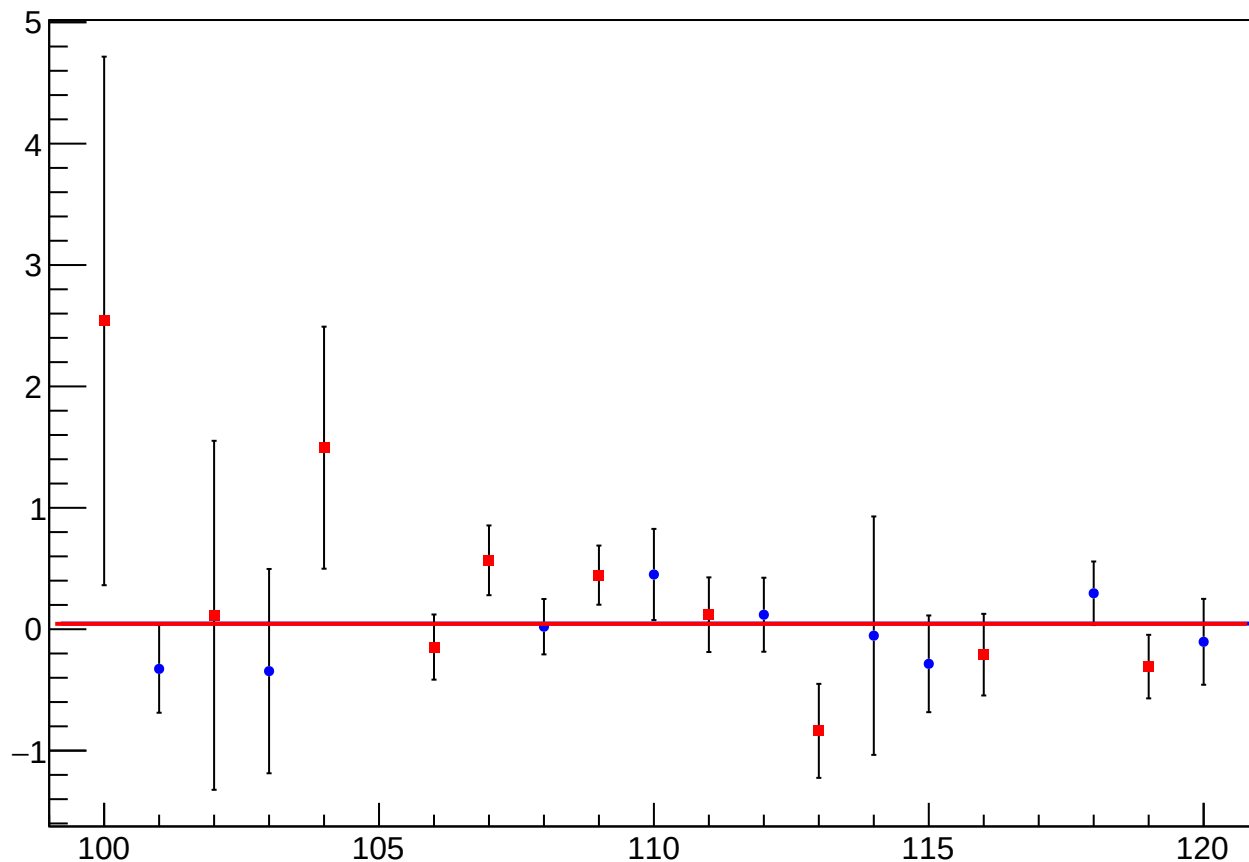
Right: 0.000+/-0.000 χ^2/NDF : 1199129.8/18

In: 0.000+/-0.000 χ^2/NDF : 397068.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1199129.8/18

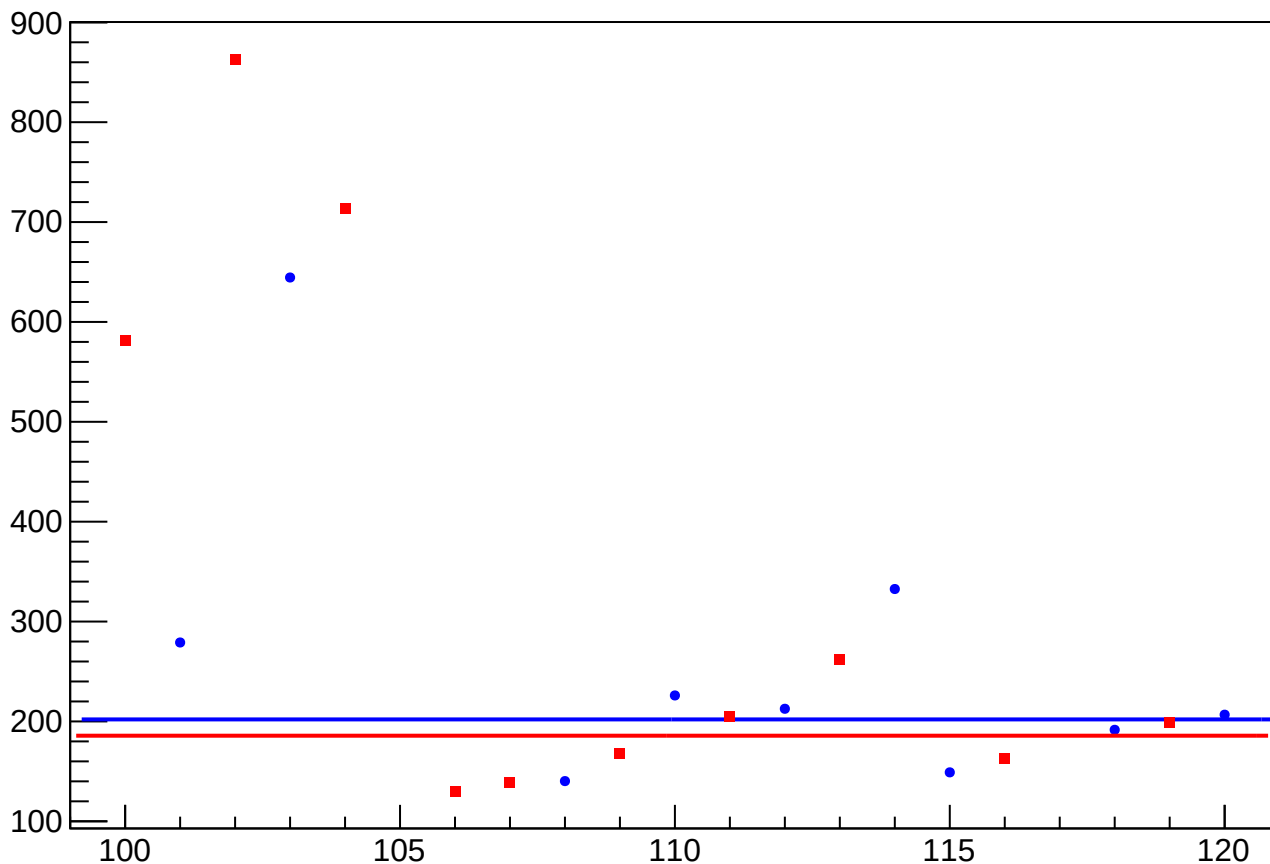
asym_usr_atr2_avg_dit_vs_Slug, Sign Corrected



Right In: 0.046+/-0.115 χ^2/NDF : 4.3/8
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 0.044+/-0.108 χ^2/NDF : 17.6/9
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.045+/-0.079 χ^2/NDF : 21.9/18
 In: 0.046+/-0.115 χ^2/NDF :4.3/8
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.045+/-0.079 χ^2/NDF : 21.9/18

asym_usr_atr2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 202.018+/-0.081 χ^2/NDF : 875331.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 185.708+/-0.077 χ^2/NDF : 1318497.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

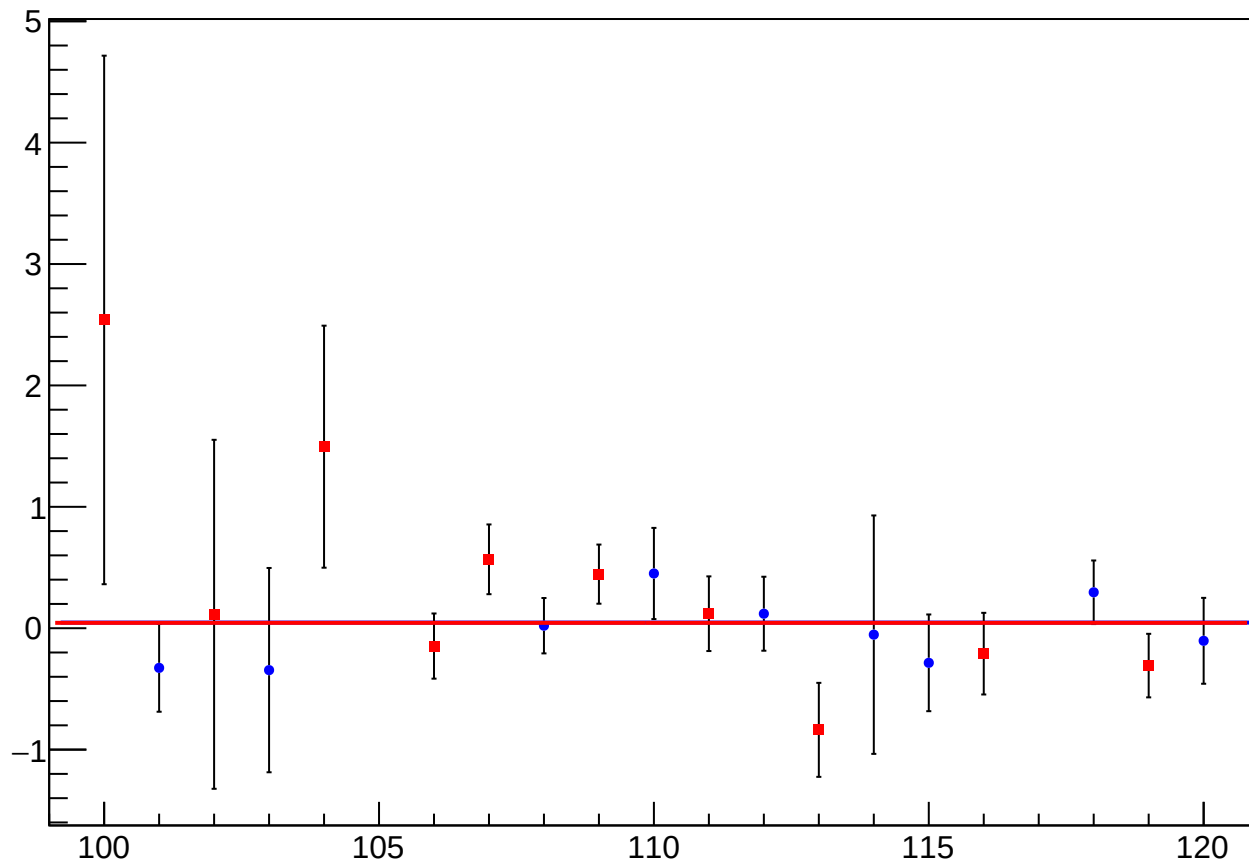
Right: 193.400+/-0.056 χ^2/NDF : 2215212.2/18

In: 202.018+/-0.081 χ^2/NDF : 875331.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 193.400+/-0.056 χ^2/NDF : 2215212.2/18

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.046 $\pm$ 0.115 χ^2 /NDF: 4.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.044 $\pm$ 0.108 χ^2 /NDF: 17.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

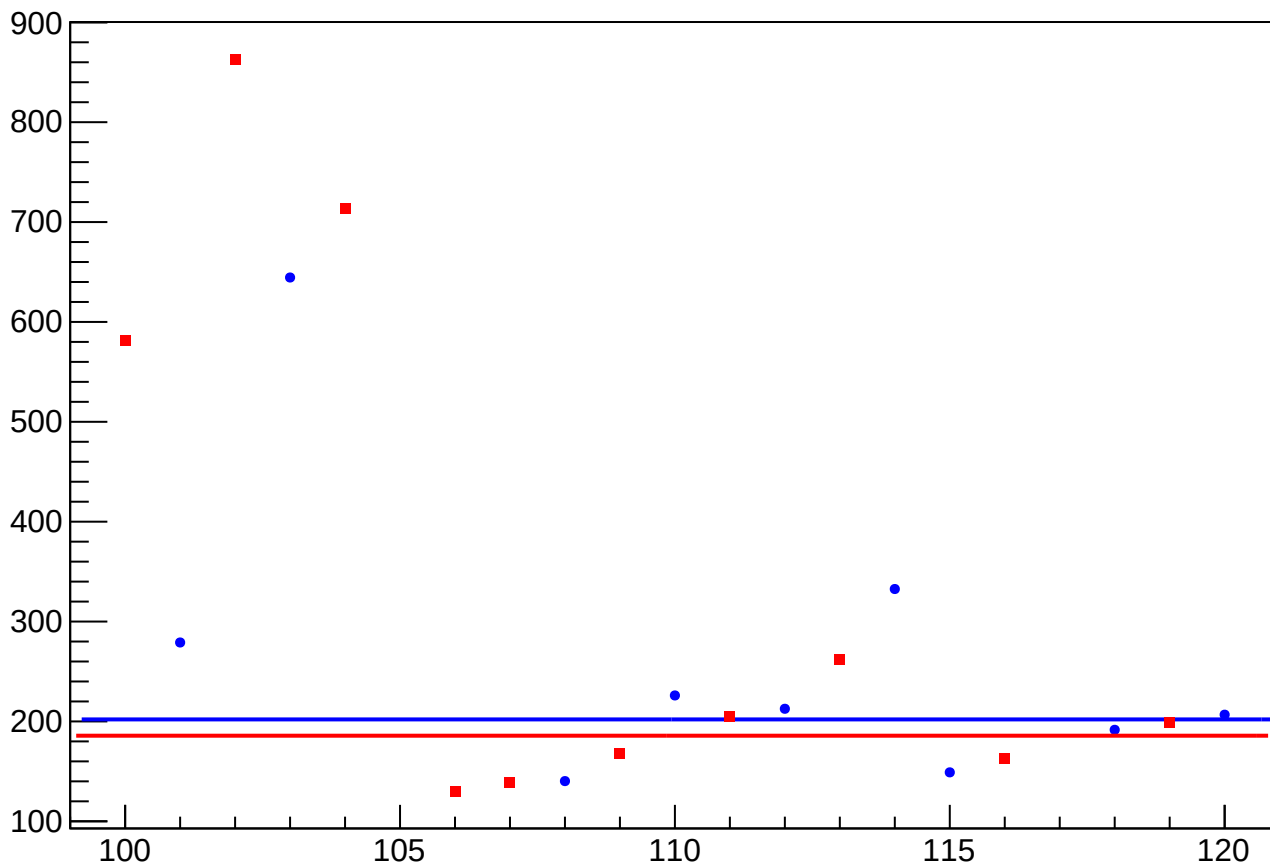
Right: 0.045 $\pm$ 0.079 χ^2 /NDF: 21.9/18

In: 0.046 $\pm$ 0.115 χ^2 /NDF:4.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.045 $\pm$ 0.079 χ^2 /NDF: 21.9/18

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 202.018+/-0.081 χ^2/NDF : 875331.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 185.708+/-0.077 χ^2/NDF : 1318497.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

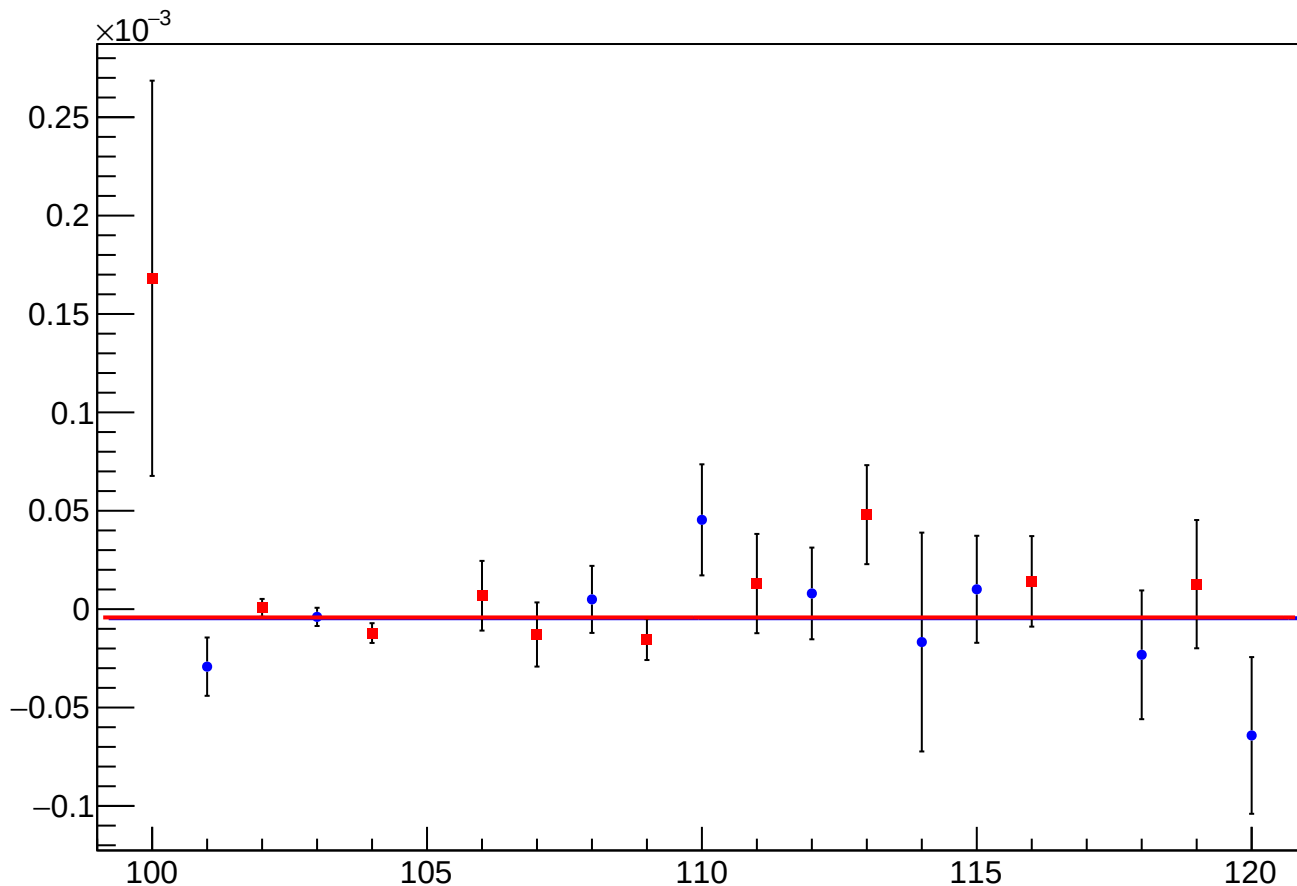
Right: 193.400+/-0.056 χ^2/NDF : 2215212.2/18

In: 202.018+/-0.081 χ^2/NDF : 875331.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 193.400+/-0.056 χ^2/NDF : 2215212.2/18

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

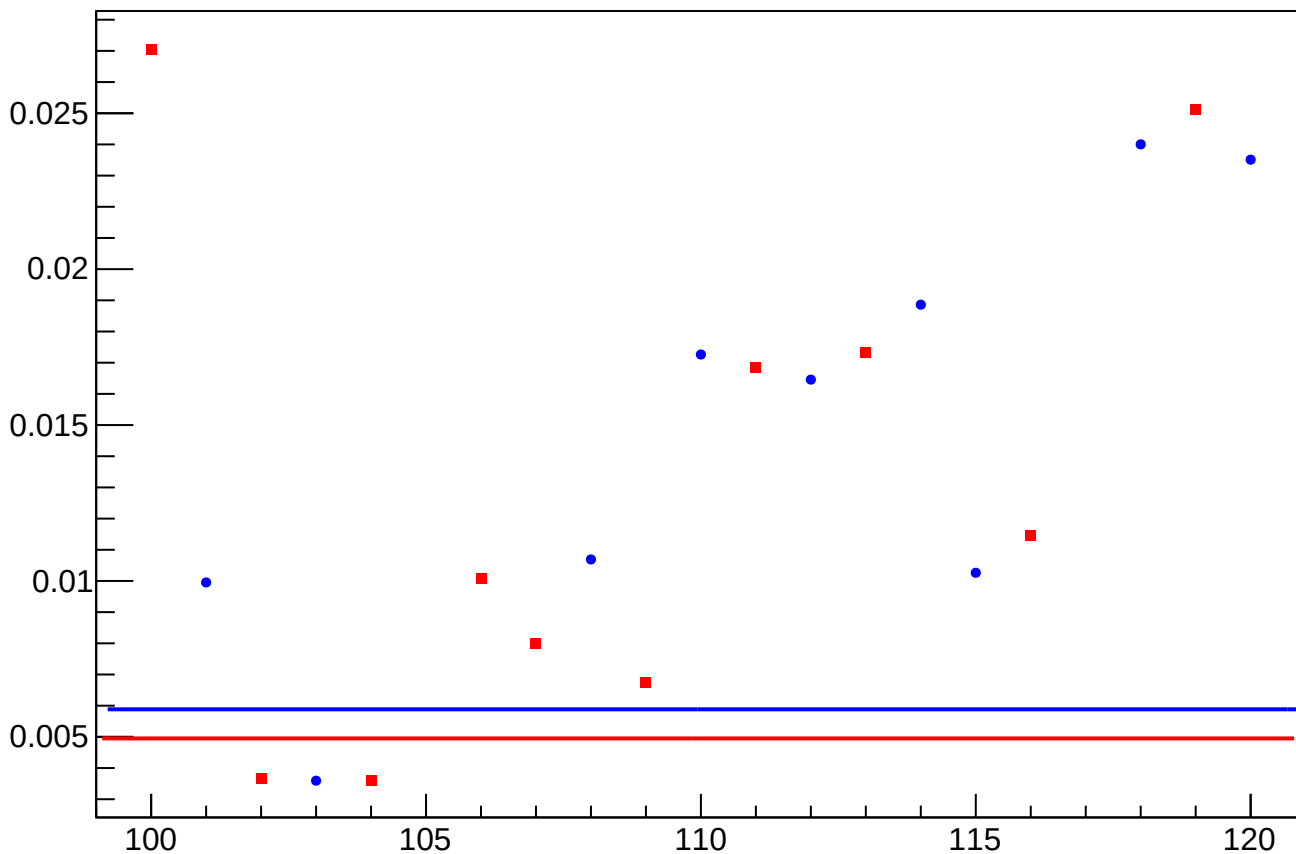
Right: -0.000+/-0.000 χ^2/NDF : 23.5/18

In: -0.000+/-0.000 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.5/18

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 2703356.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 2547598.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

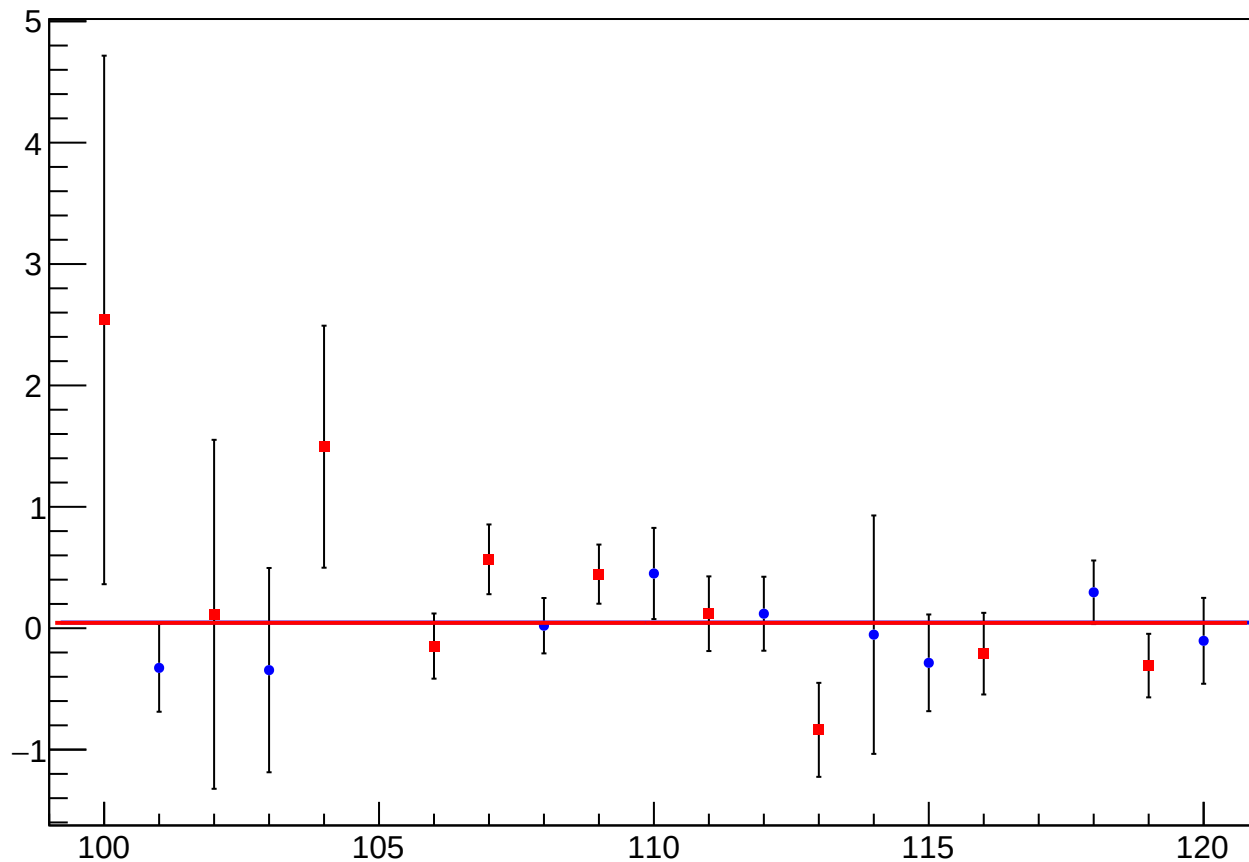
Right: 0.005+/-0.000 χ^2/NDF : 5319422.4/18

In: 0.006+/-0.000 χ^2/NDF : 2703356.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 5319422.4/18

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.046+/-0.115 χ^2/NDF : 4.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.044+/-0.108 χ^2/NDF : 17.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

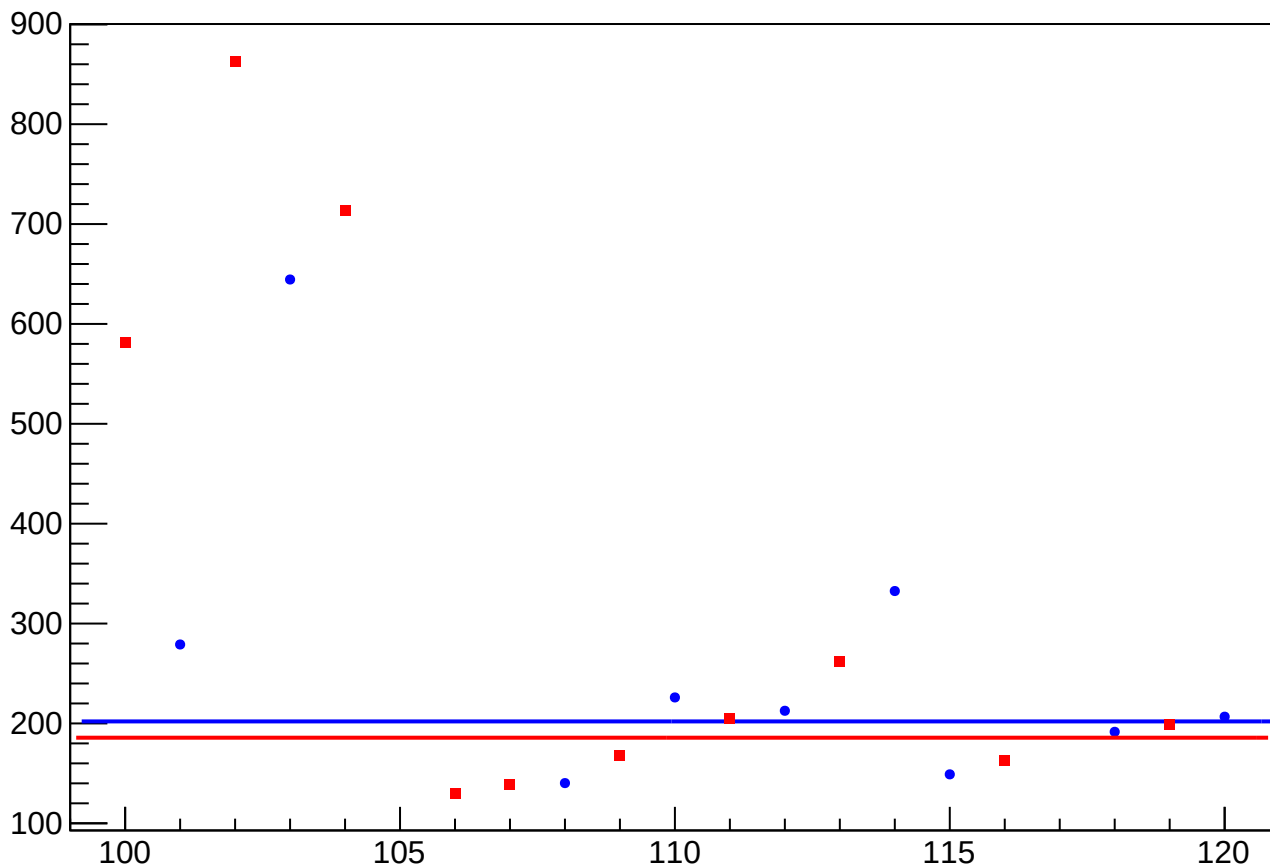
Right: 0.045+/-0.079 χ^2/NDF : 21.9/18

In: 0.046+/-0.115 χ^2/NDF : 4.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.045+/-0.079 χ^2/NDF : 21.9/18

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 202.017+/-0.081 χ^2/NDF : 875338.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 185.709+/-0.077 χ^2/NDF : 1318493.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

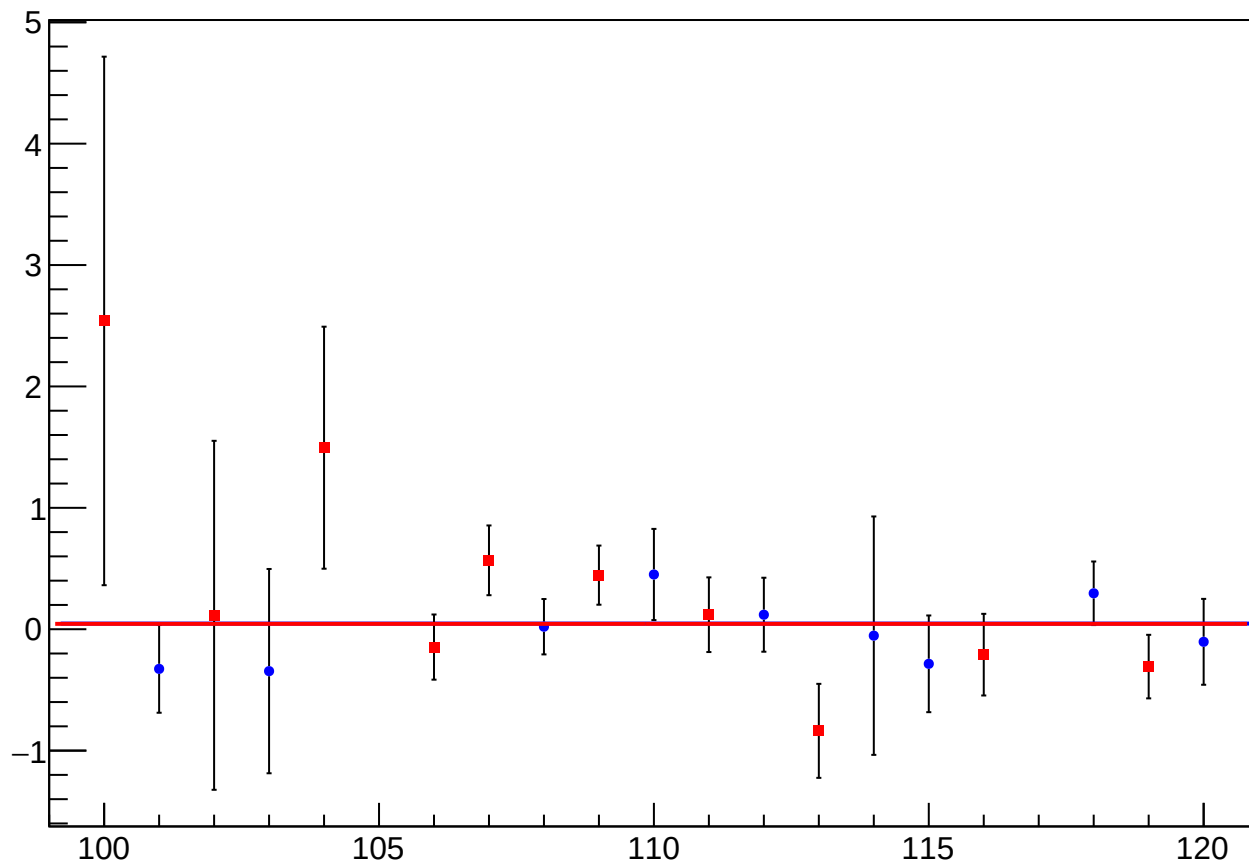
Right: 193.399+/-0.056 χ^2/NDF : 2215212.1/18

In: 202.017+/-0.081 χ^2/NDF : 875338.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 193.399+/-0.056 χ^2/NDF : 2215212.1/18

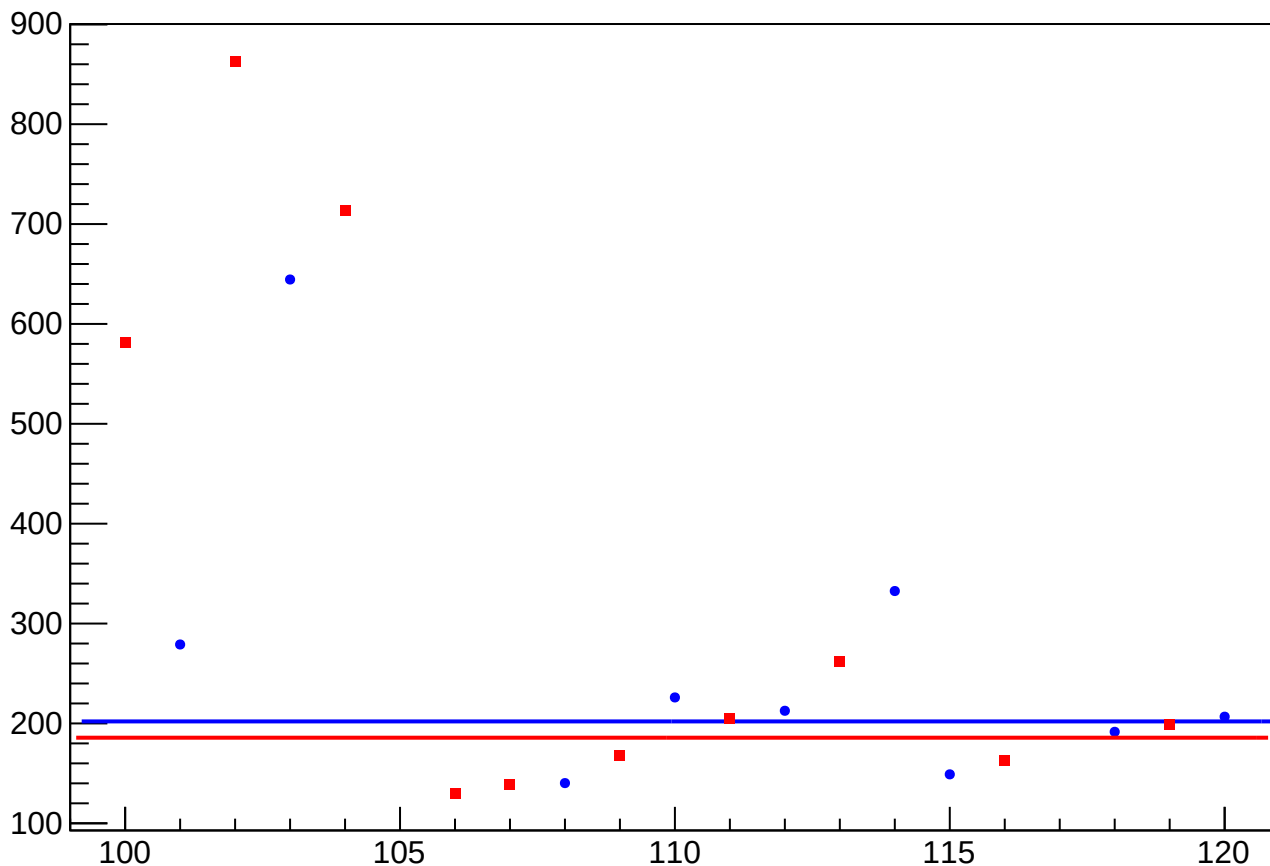
asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.046+/-0.115 χ^2/NDF : 4.3/8
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 0.044+/-0.108 χ^2/NDF : 17.6/9
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.045+/-0.079 χ^2/NDF : 21.9/18
 In: 0.046+/-0.115 χ^2/NDF :4.3/8
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.045+/-0.079 χ^2/NDF : 21.9/18

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 202.017+/-0.081 χ^2/NDF : 875338.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 185.709+/-0.077 χ^2/NDF : 1318493.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

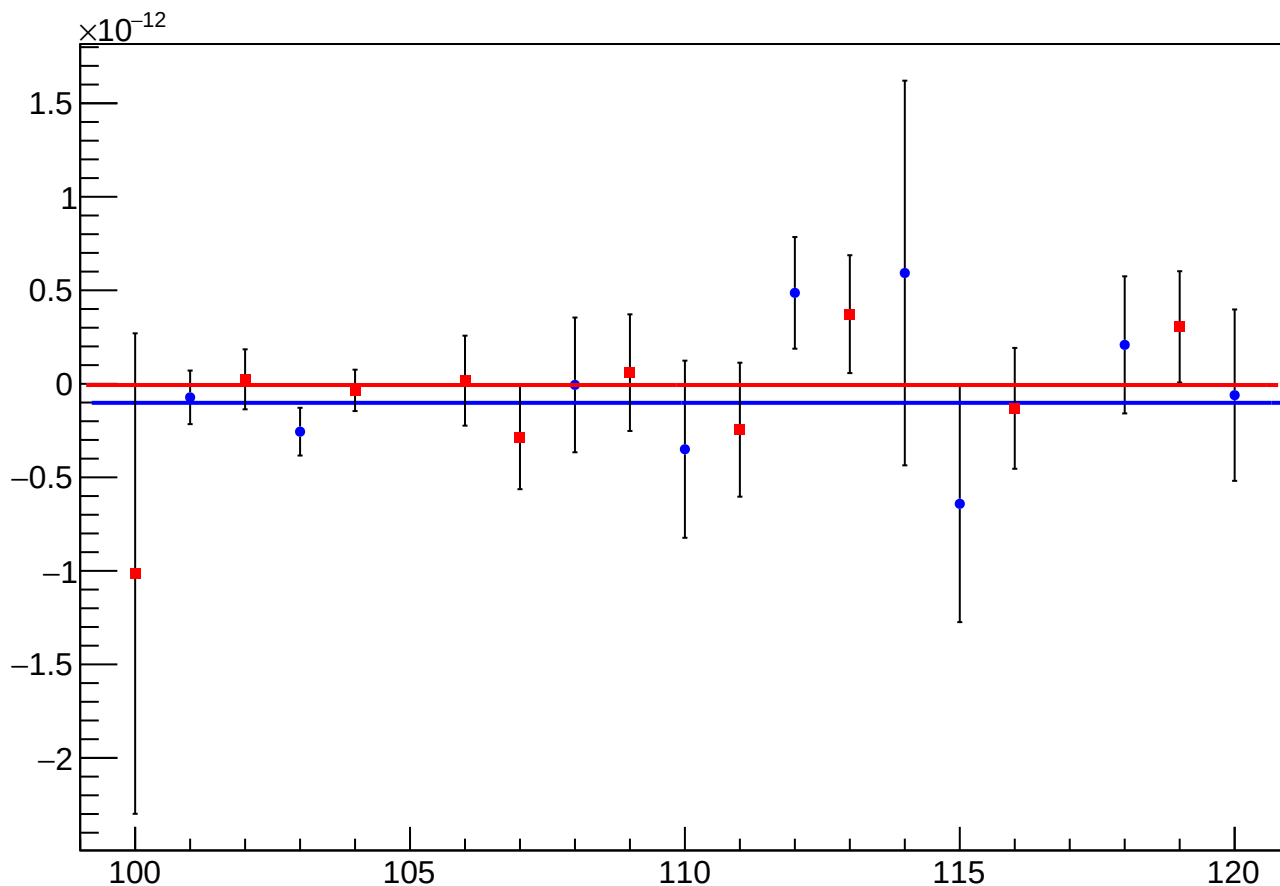
Right: 193.399+/-0.056 χ^2/NDF : 2215212.1/18

In: 202.017+/-0.081 χ^2/NDF : 875338.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 193.399+/-0.056 χ^2/NDF : 2215212.1/18

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

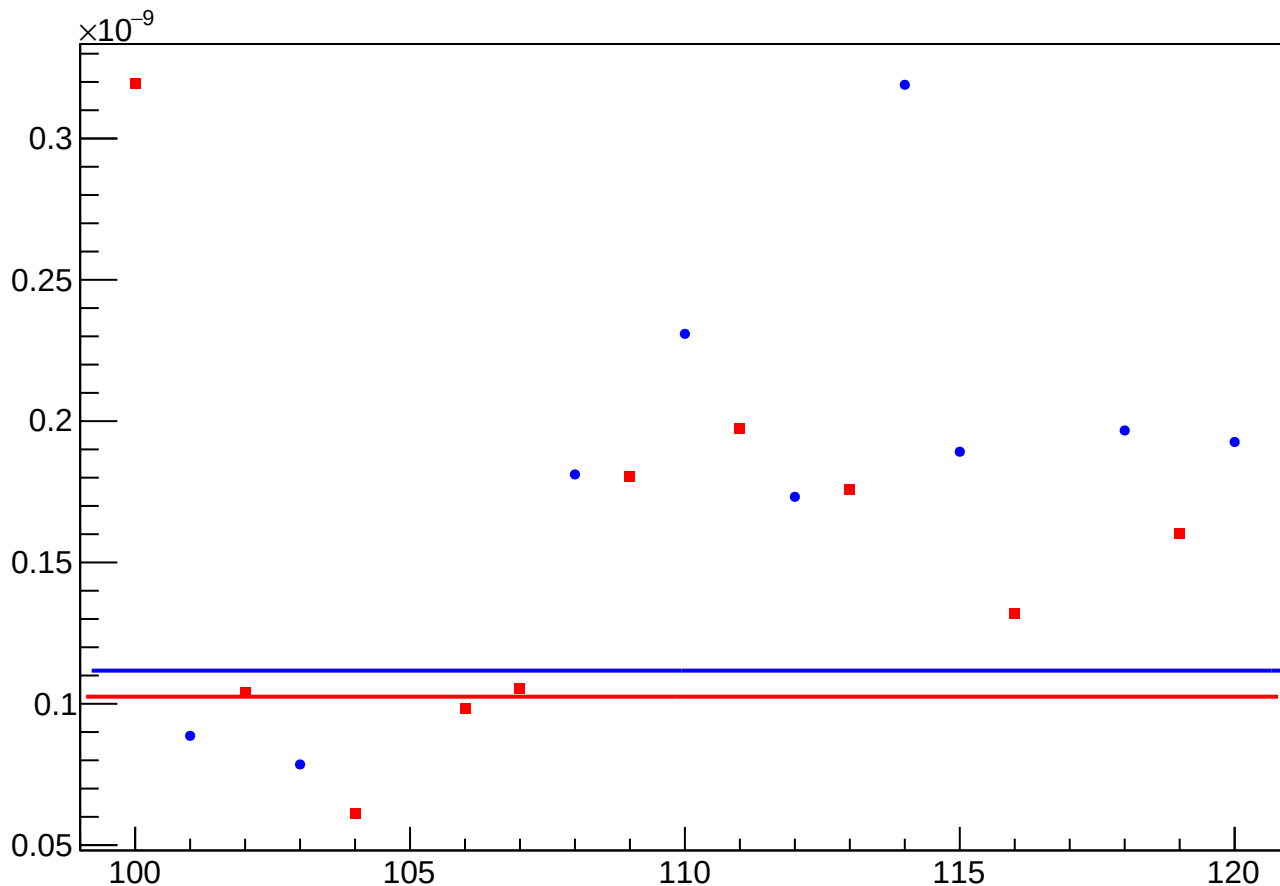
Right: -0.000+/-0.000 χ^2/NDF : 13.3/18

In: -0.000+/-0.000 χ^2/NDF : 7.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.3/18

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 754113.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 804481.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

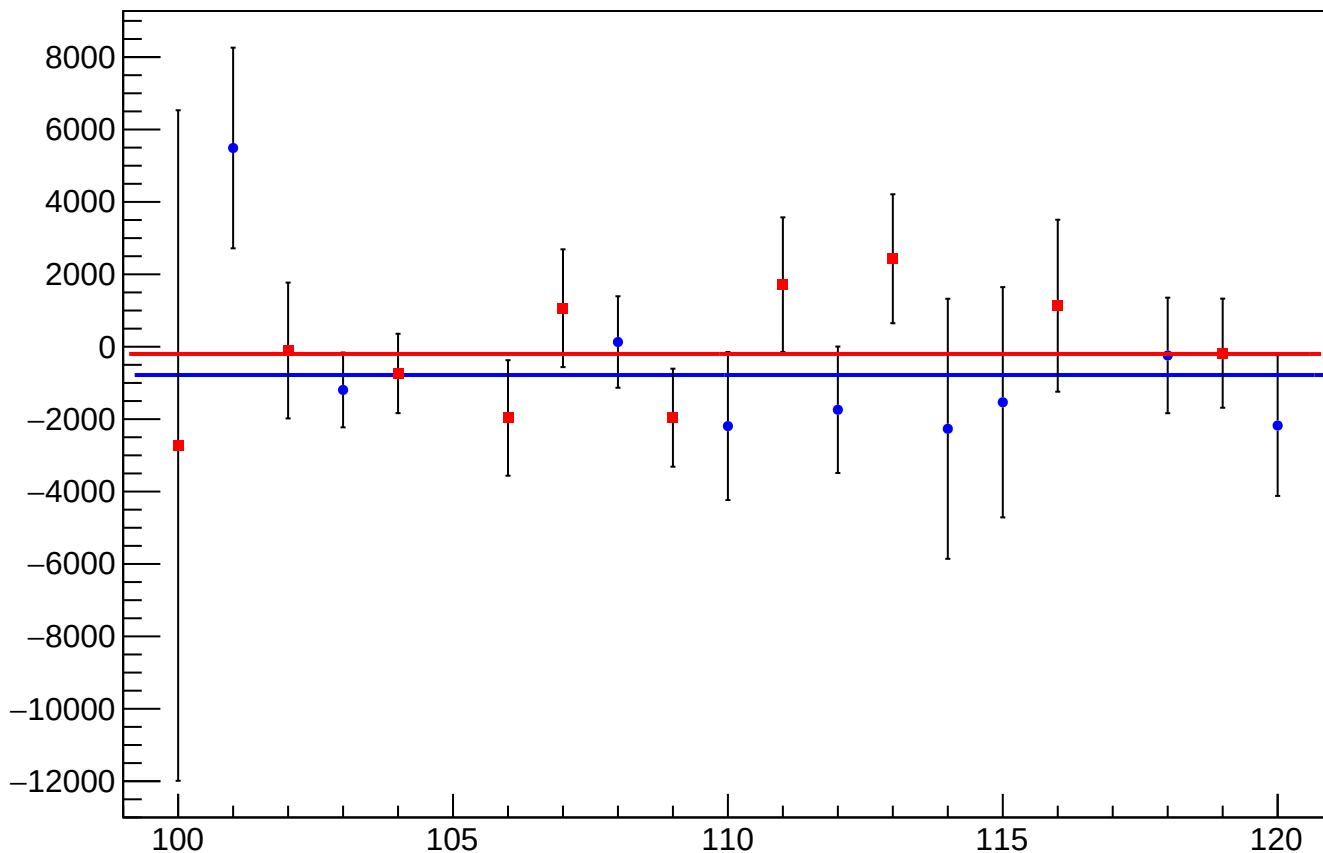
Right: 0.000+/-0.000 χ^2/NDF : 1573126.4/18

In: 0.000+/-0.000 χ^2/NDF : 754113.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1573126.4/18

reg_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -780.441+/-568.398 χ^2/NDF : 7.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -199.104+/-522.192 χ^2/NDF : 7.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

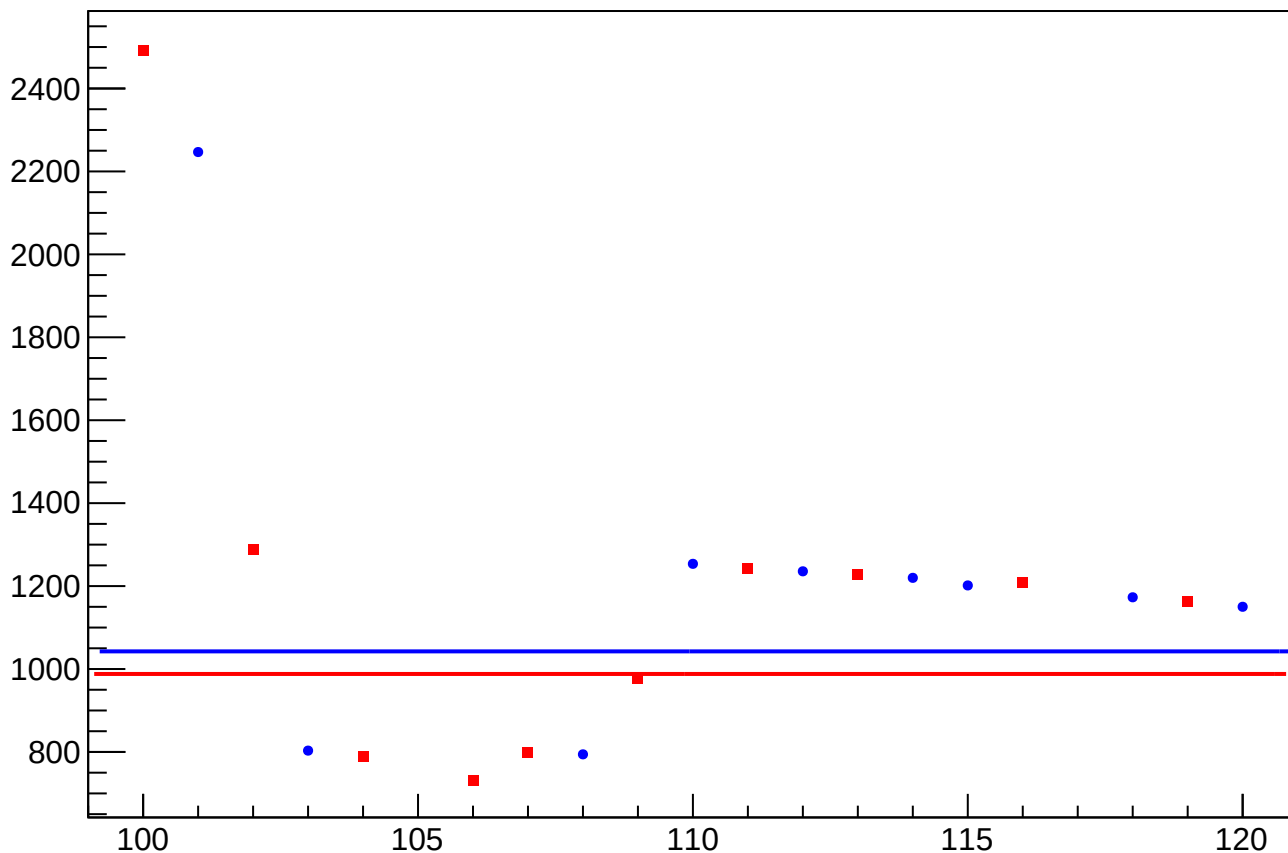
Right: -465.187+/-384.545 χ^2/NDF : 15.4/18

In: -780.441+/-568.398 χ^2/NDF : 7.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -465.187+/-384.545 χ^2/NDF : 15.4/18

reg_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1042.551+/-0.402 χ^2/NDF : 637543.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 988.086+/-0.364 χ^2/NDF : 379820.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

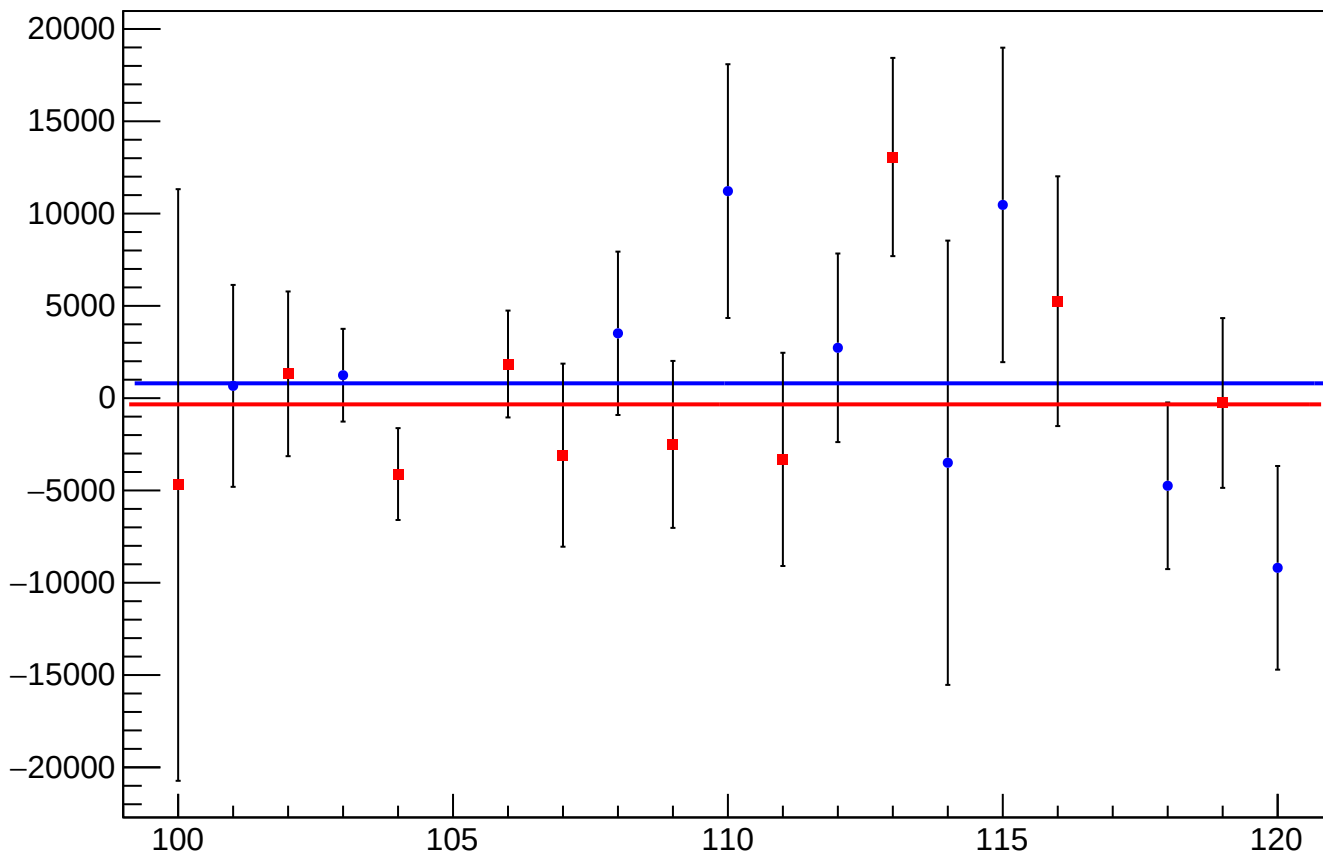
Right: 1012.656+/-0.270 χ^2/NDF : 1027443.4/18

In: 1042.551+/-0.402 χ^2/NDF : 637543.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1012.656+/-0.270 χ^2/NDF : 1027443.4/18

asym_usr_atr2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 804.002+/-1571.253 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -335.733+/-1338.252 χ^2/NDF : 10.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

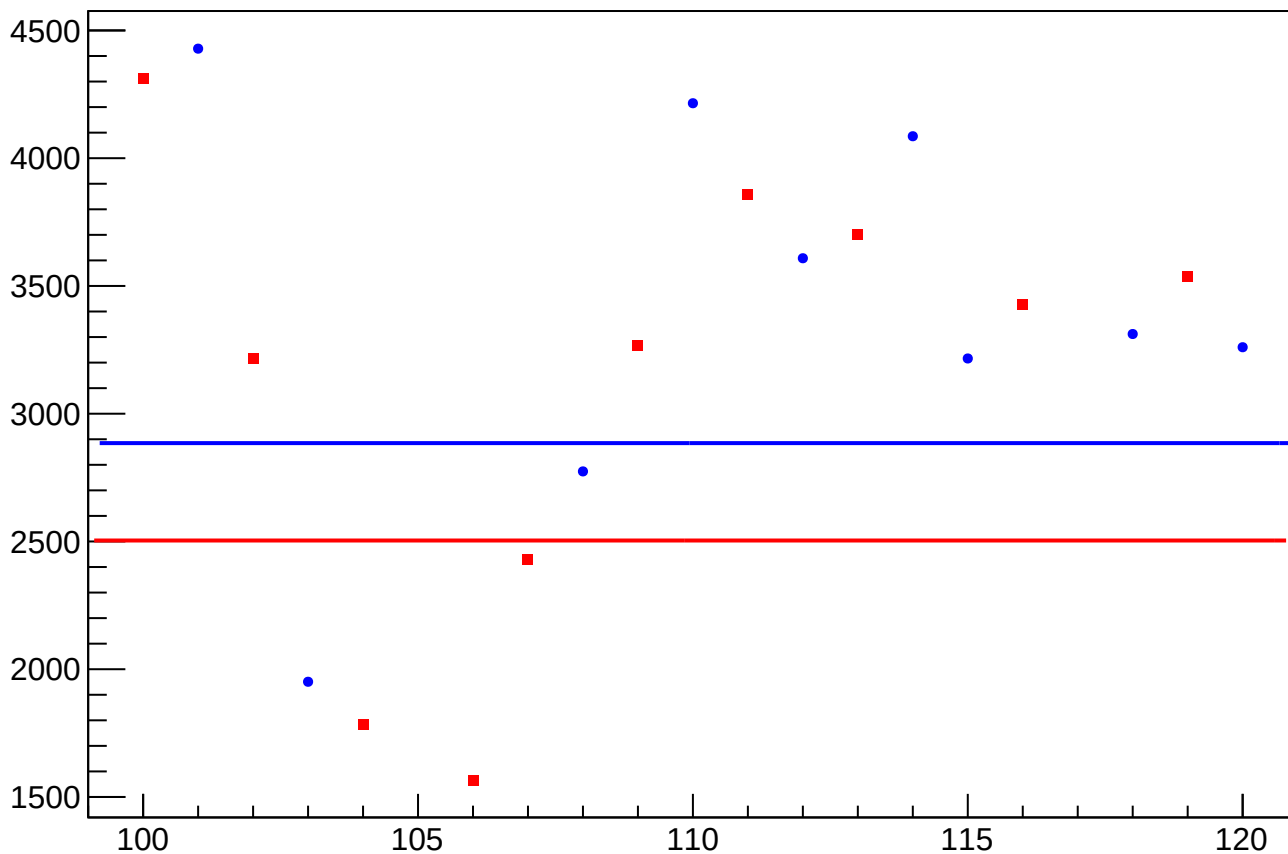
Right: 143.443+/-1018.807 χ^2/NDF : 20.2/18

In: 804.002+/-1571.253 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.443+/-1018.807 χ^2/NDF : 20.2/18

asym_usr_atr2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2884.914+/-1.111 χ^2/NDF : 602128.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2503.763+/-0.946 χ^2/NDF : 859090.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

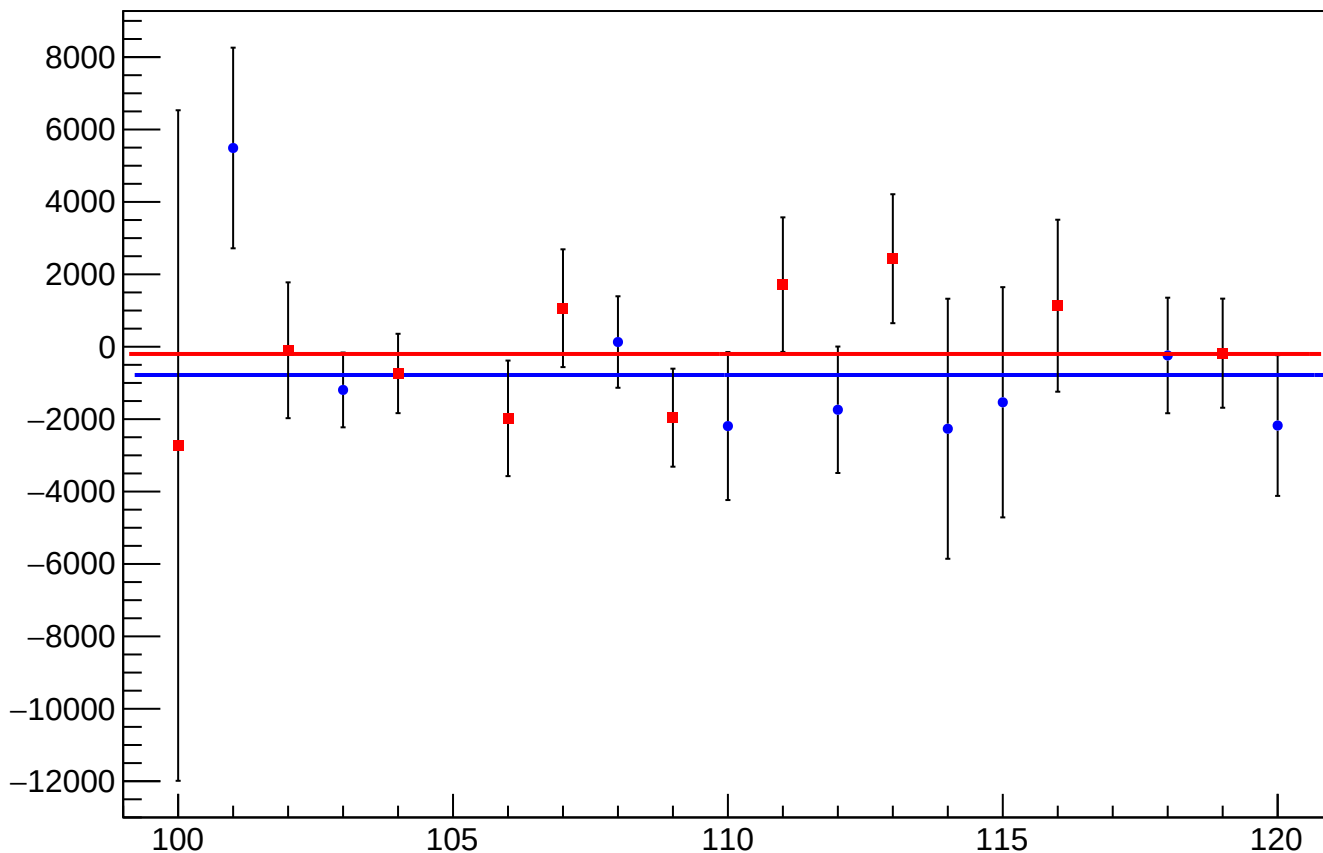
Right: 2664.010+/-0.720 χ^2/NDF : 1529427.3/18

In: 2884.914+/-1.111 χ^2/NDF : 602128.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2664.010+/-0.720 χ^2/NDF : 1529427.3/18

cor_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -780.328+/-568.398 χ^2/NDF : 7.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -199.606+/-522.201 χ^2/NDF : 7.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

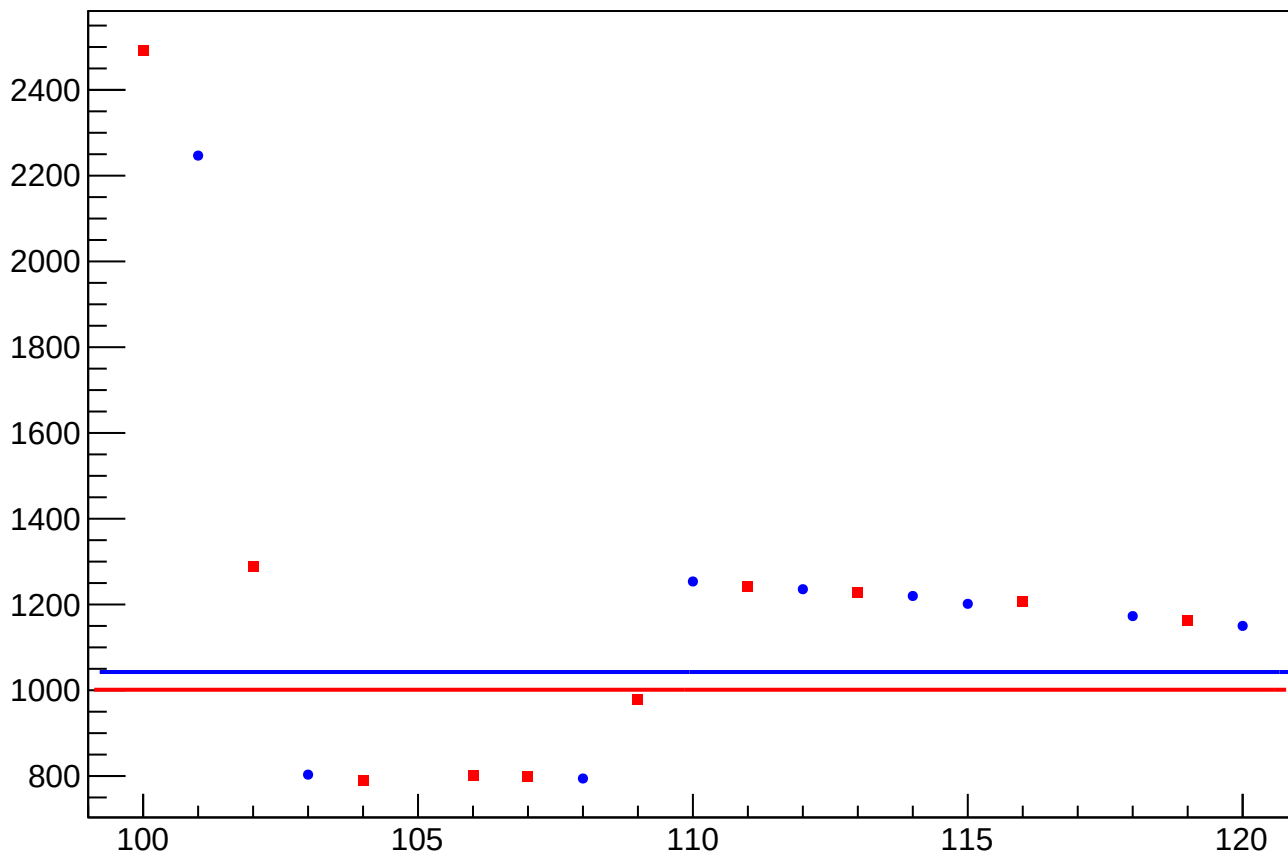
Right: -465.412+/-384.548 χ^2/NDF : 15.4/18

In: -780.328+/-568.398 χ^2/NDF : 7.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -465.412+/-384.548 χ^2/NDF : 15.4/18

cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1042.552+/-0.402 χ^2/NDF : 637540.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1001.212+/-0.368 χ^2/NDF : 342879.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

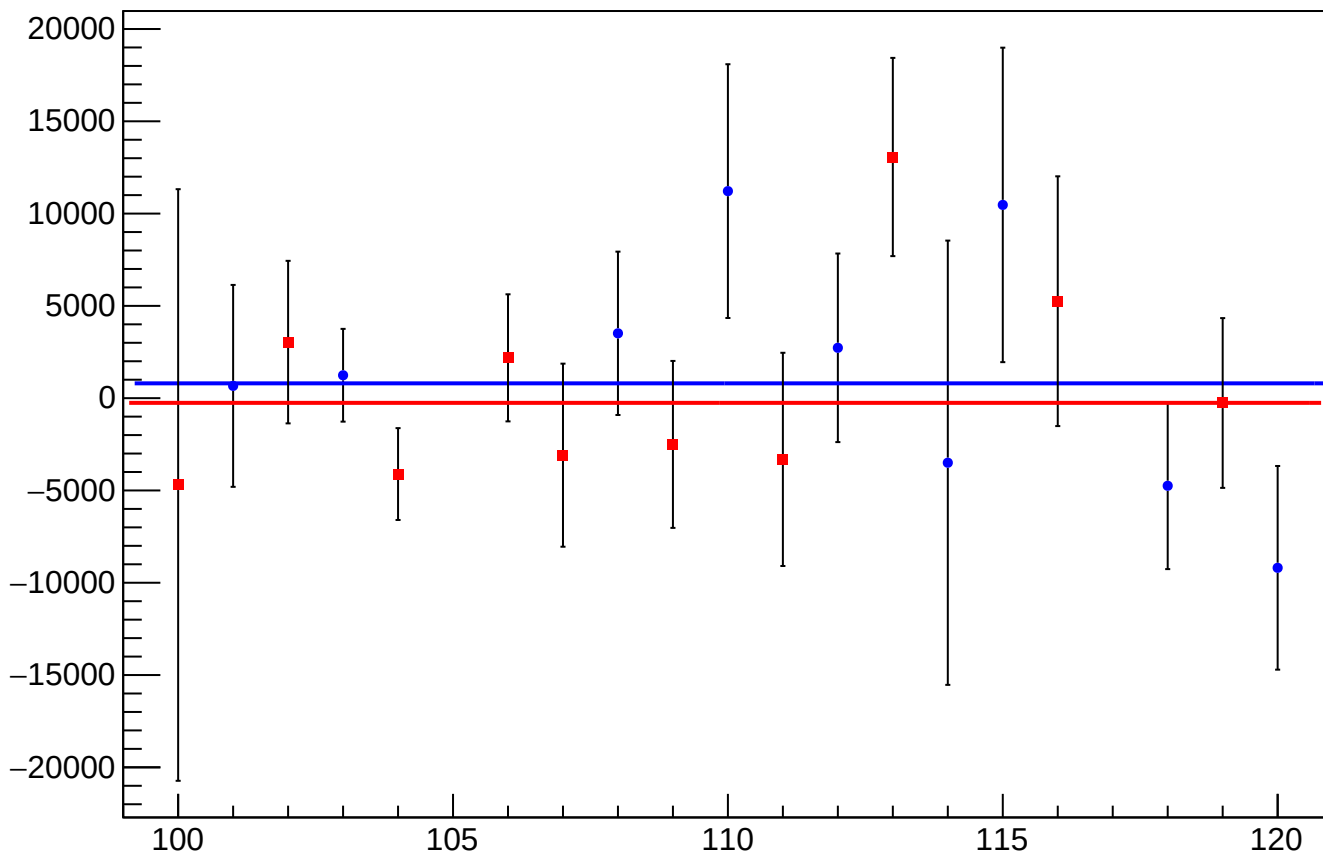
Right: 1020.070+/-0.271 χ^2/NDF : 986174.0/18

In: 1042.552+/-0.402 χ^2/NDF : 637540.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1020.070+/-0.271 χ^2/NDF : 986174.0/18

asym_usr_atr2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 803.141+/-1571.357 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -254.166+/-1380.473 χ^2/NDF : 11.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

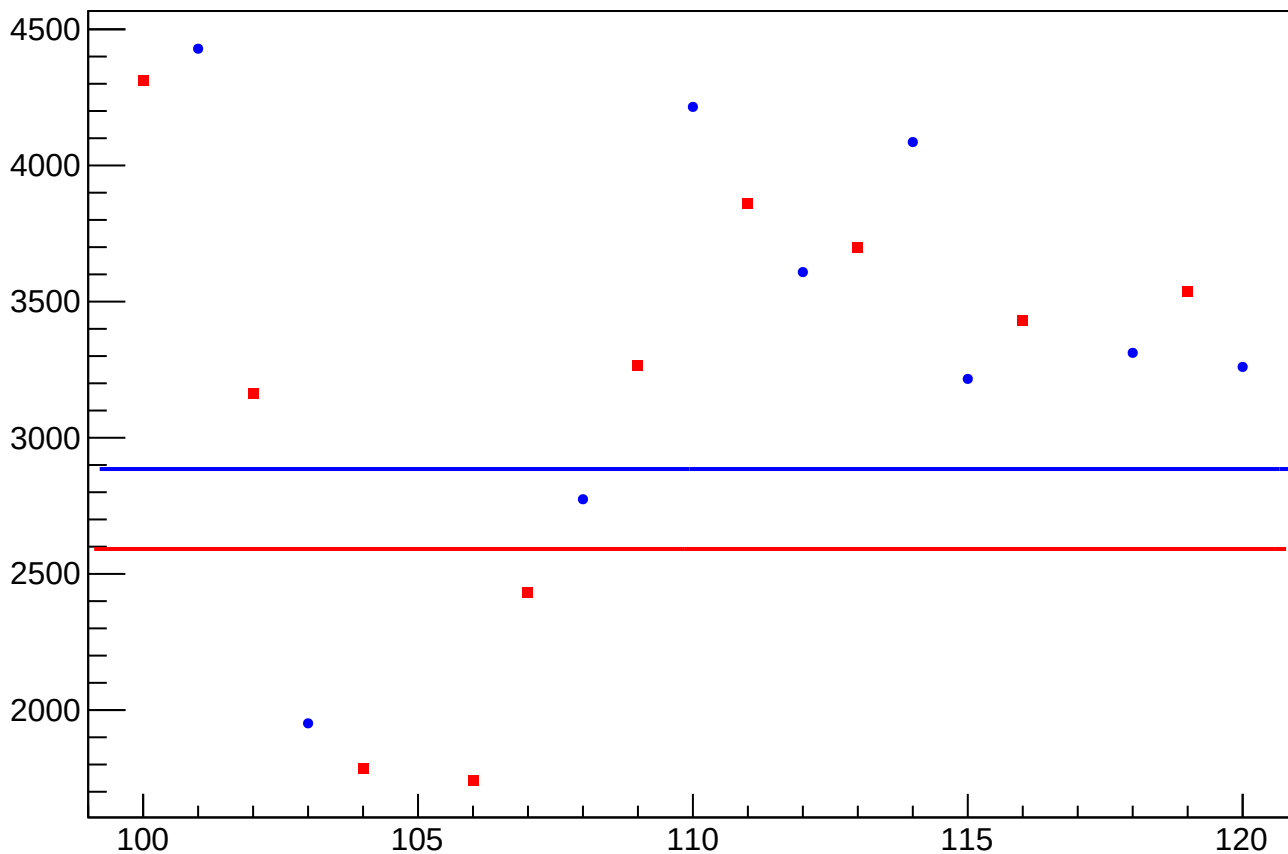
Right: 206.400+/-1037.099 χ^2/NDF : 20.5/18

In: 803.141+/-1571.357 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 206.400+/-1037.099 χ^2/NDF : 20.5/18

asym_usr_atr2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2885.177+/-1.111 χ^2/NDF : 601821.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2591.597+/-0.976 χ^2/NDF : 732531.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

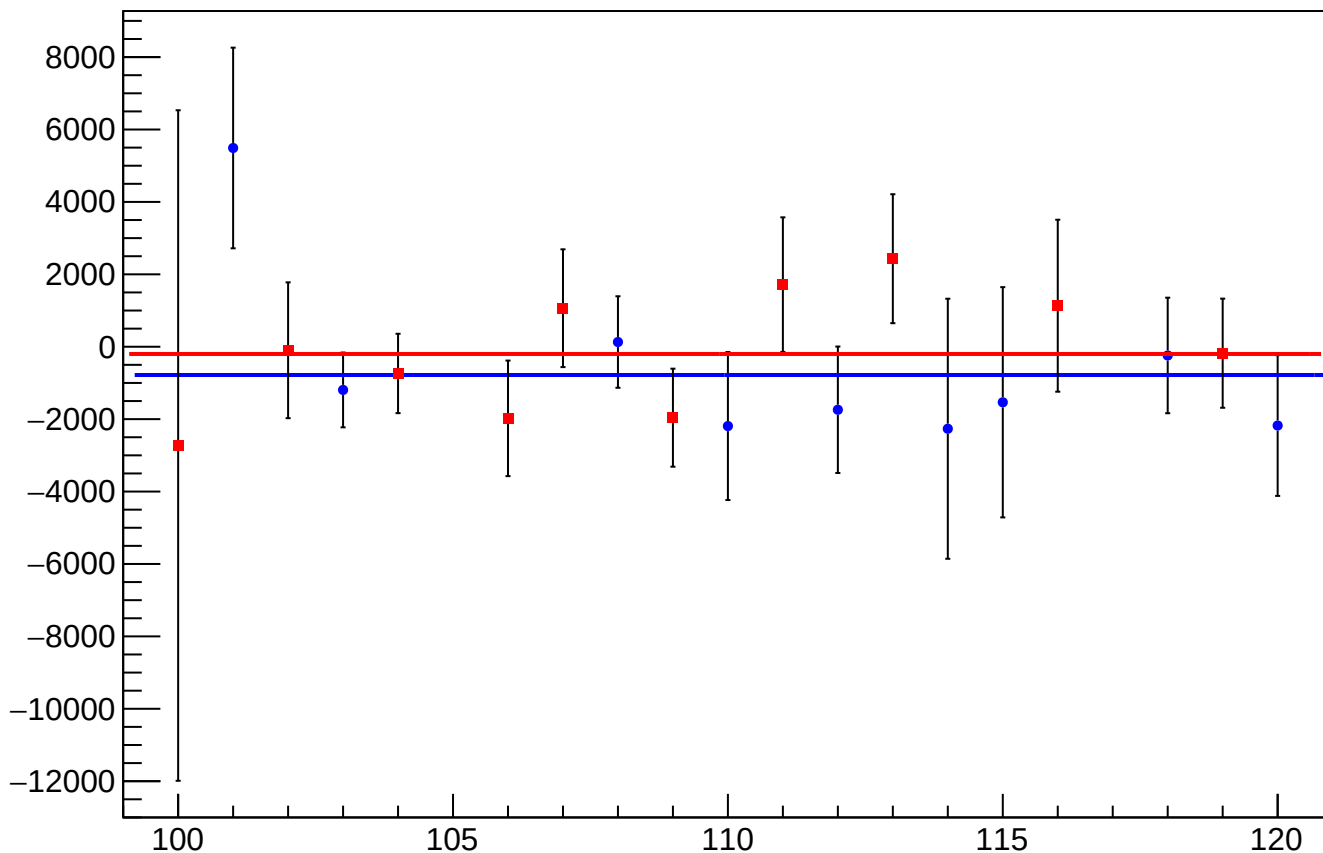
Right: 2719.481+/-0.733 χ^2/NDF : 1373755.1/18

In: 2885.177+/-1.111 χ^2/NDF : 601821.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2719.481+/-0.733 χ^2/NDF : 1373755.1/18

eigen_cor_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -780.328+/-568.398 χ^2/NDF : 7.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -199.606+/-522.201 χ^2/NDF : 7.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

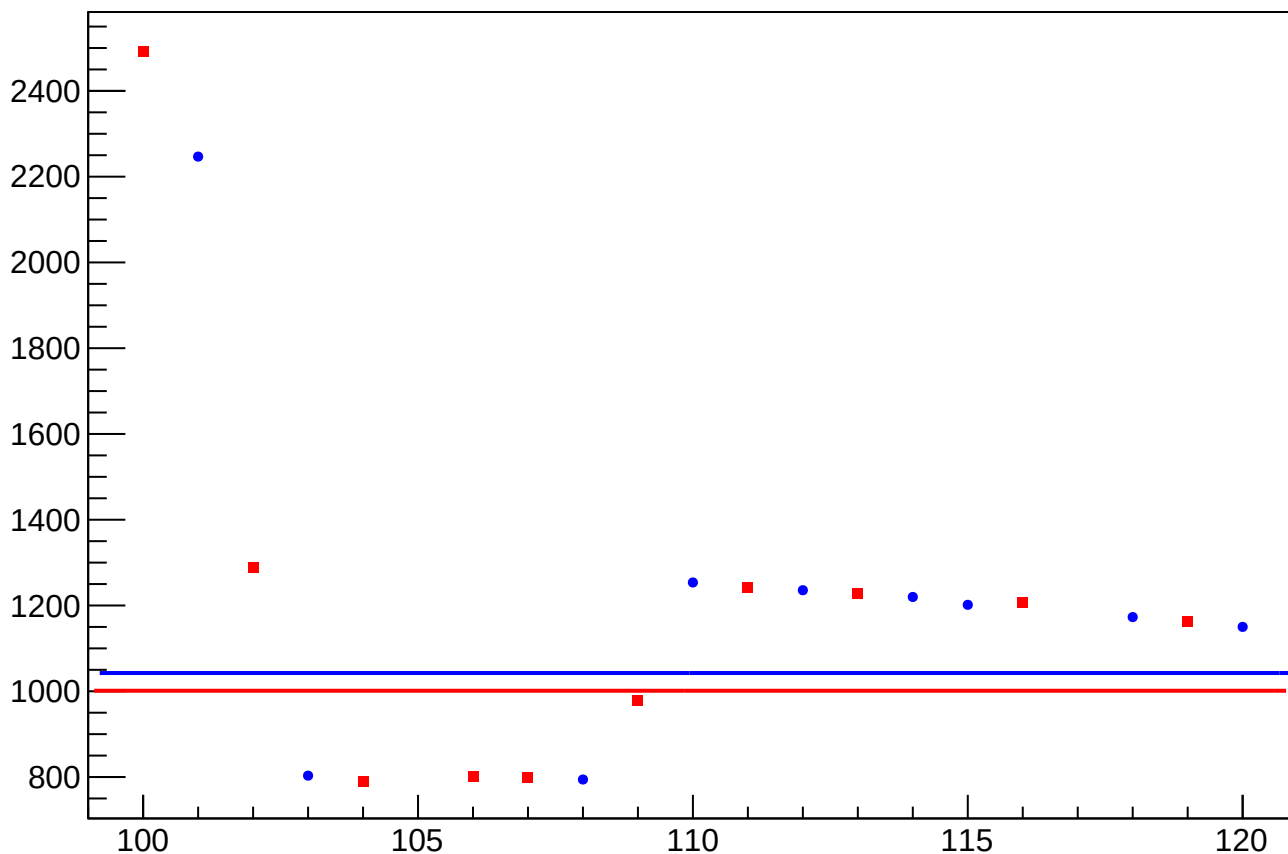
Right: -465.412+/-384.548 χ^2/NDF : 15.4/18

In: -780.328+/-568.398 χ^2/NDF : 7.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -465.412+/-384.548 χ^2/NDF : 15.4/18

eigen_cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1042.552+/-0.402 χ^2/NDF : 637540.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1001.212+/-0.368 χ^2/NDF : 342879.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

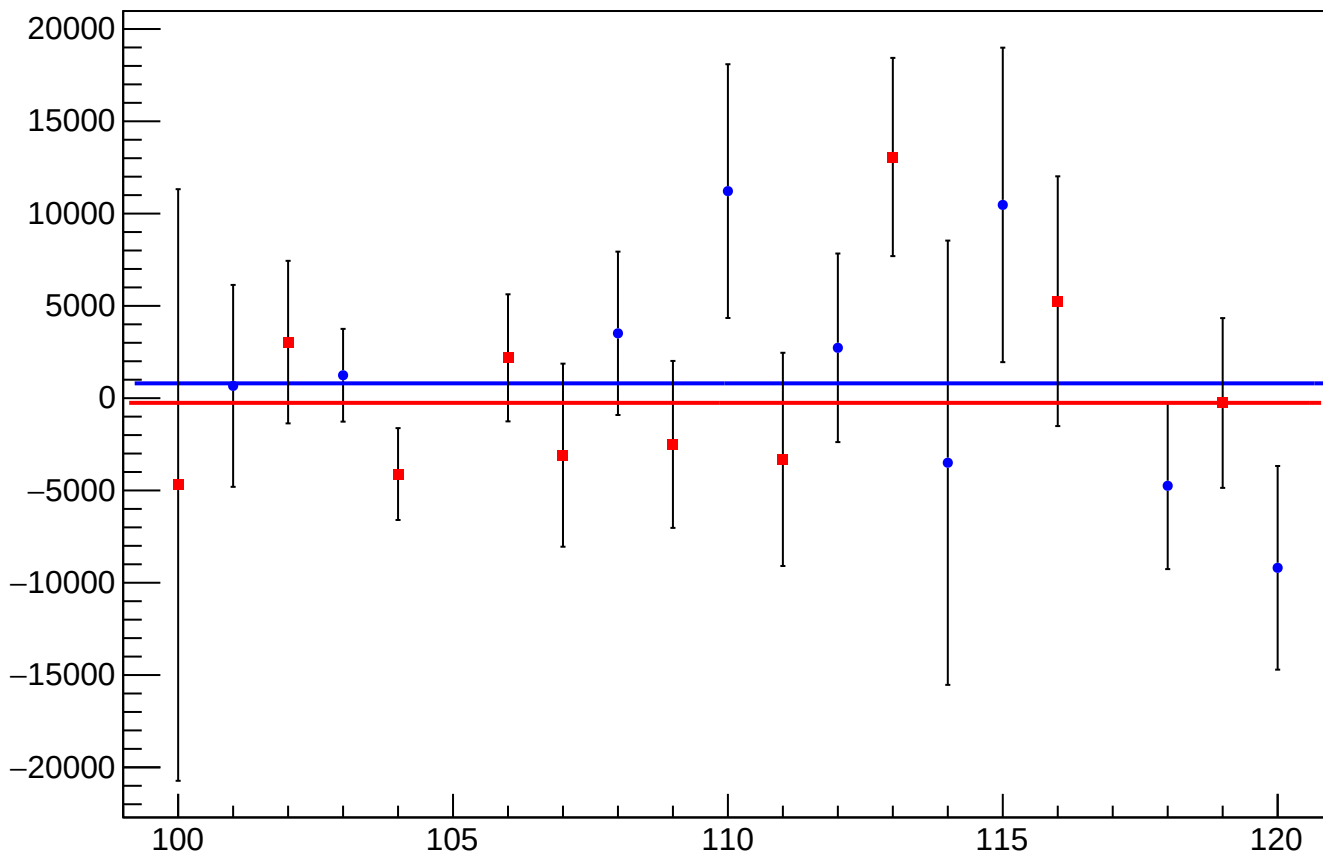
Right: 1020.070+/-0.271 χ^2/NDF : 986174.0/18

In: 1042.552+/-0.402 χ^2/NDF : 637540.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1020.070+/-0.271 χ^2/NDF : 986174.0/18

asym_usr_atr2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 803.141+/-1571.357 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -254.166+/-1380.473 χ^2/NDF : 11.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

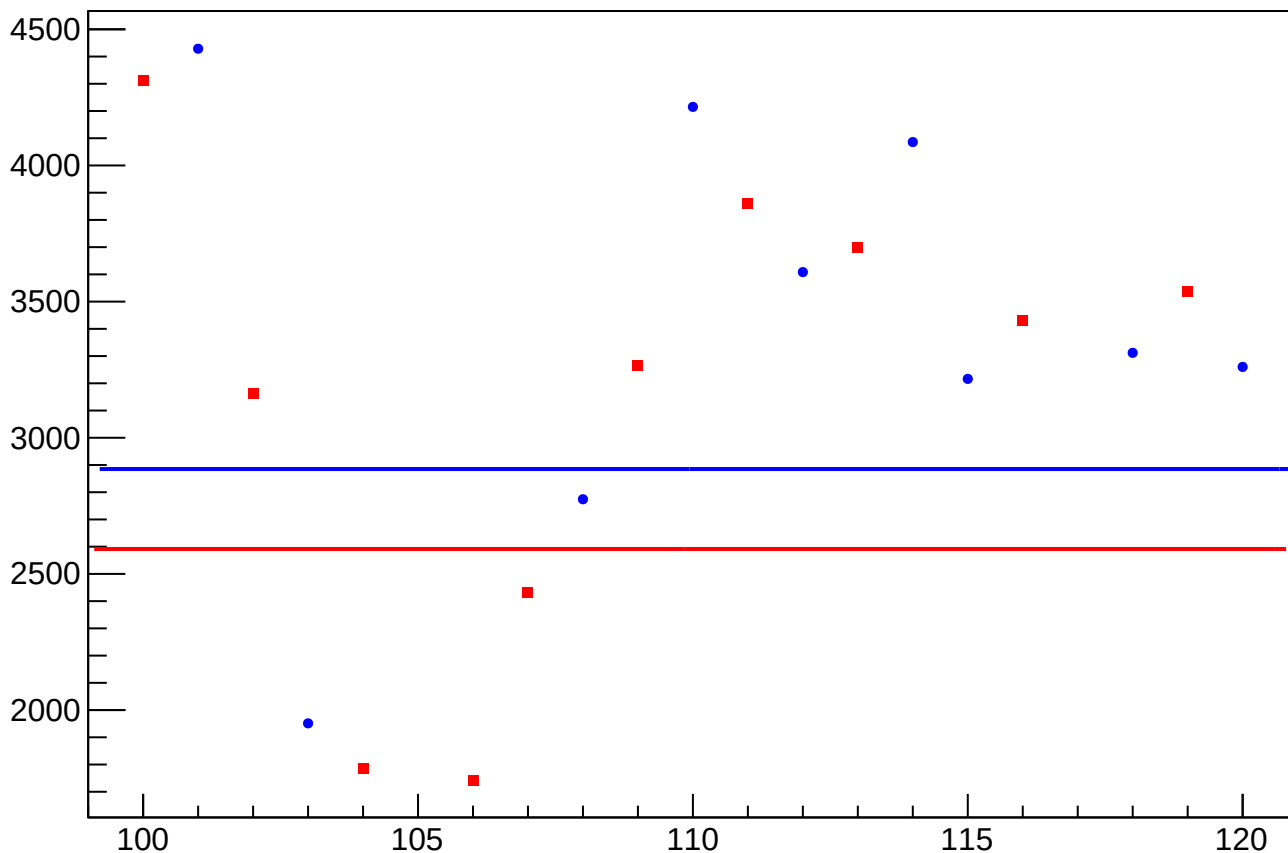
Right: 206.400+/-1037.099 χ^2/NDF : 20.5/18

In: 803.141+/-1571.357 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 206.400+/-1037.099 χ^2/NDF : 20.5/18

asym_usr_atr2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2885.177+/-1.111 χ^2/NDF : 601821.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2591.597+/-0.976 χ^2/NDF : 732531.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

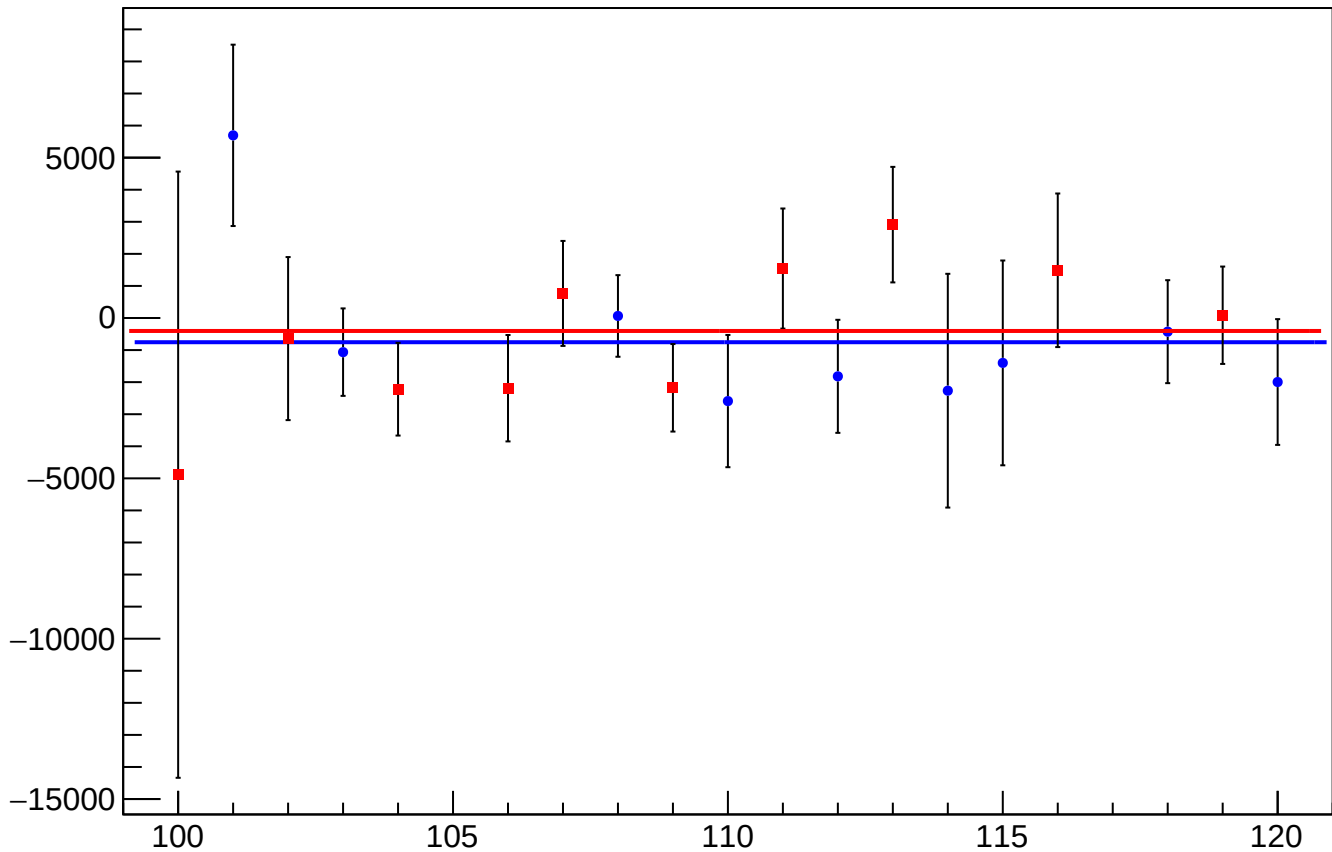
Right: 2719.481+/-0.733 χ^2/NDF : 1373755.1/18

In: 2885.177+/-1.111 χ^2/NDF : 601821.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2719.481+/-0.733 χ^2/NDF : 1373755.1/18

dit_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -755.158+/-613.268 χ^2/NDF : 7.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -404.289+/-566.150 χ^2/NDF : 10.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

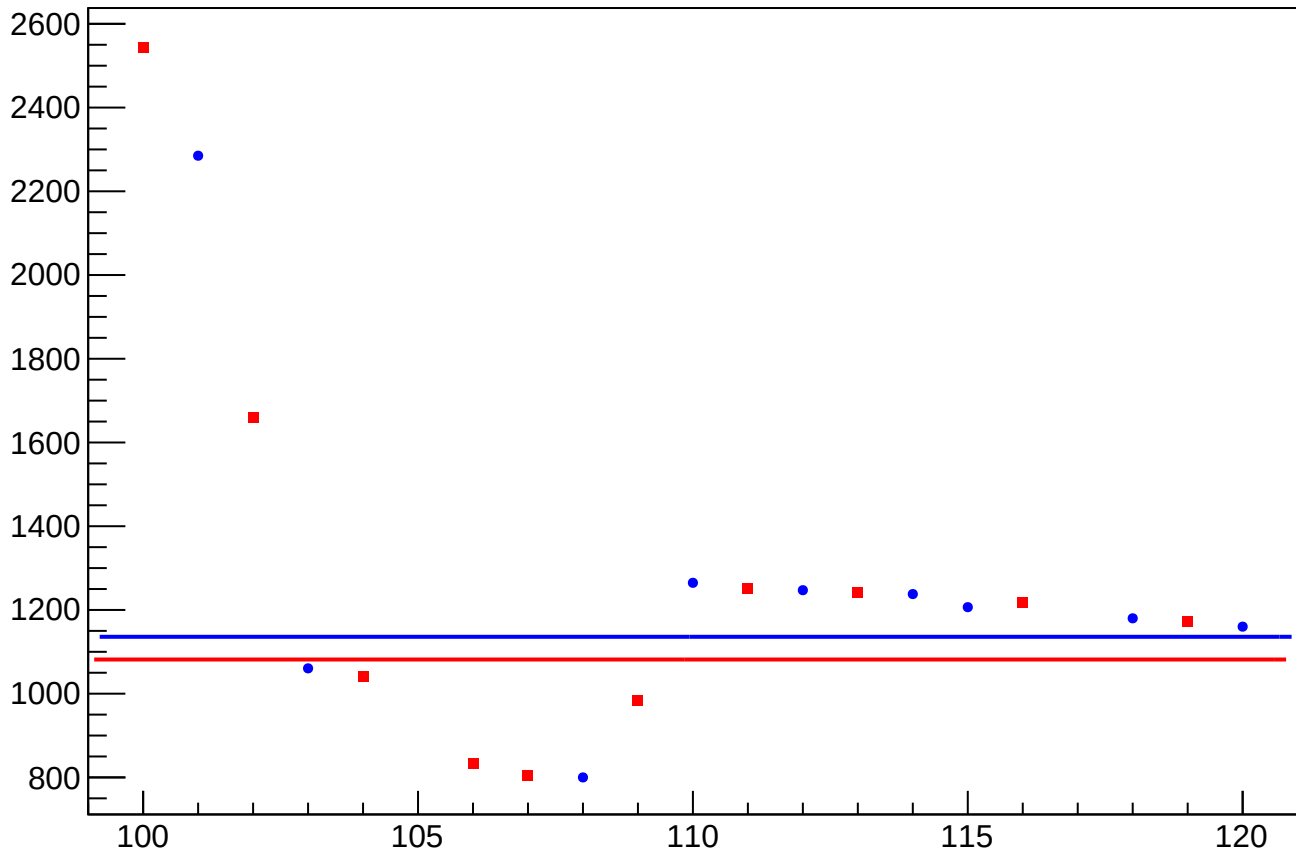
Right: -565.728+/-415.990 χ^2/NDF : 18.0/18

In: -755.158+/-613.268 χ^2/NDF : 7.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -565.728+/-415.990 χ^2/NDF : 18.0/18

dit_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1135.893+/-0.434 χ^2/NDF : 495933.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1081.640+/-0.400 χ^2/NDF : 311648.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

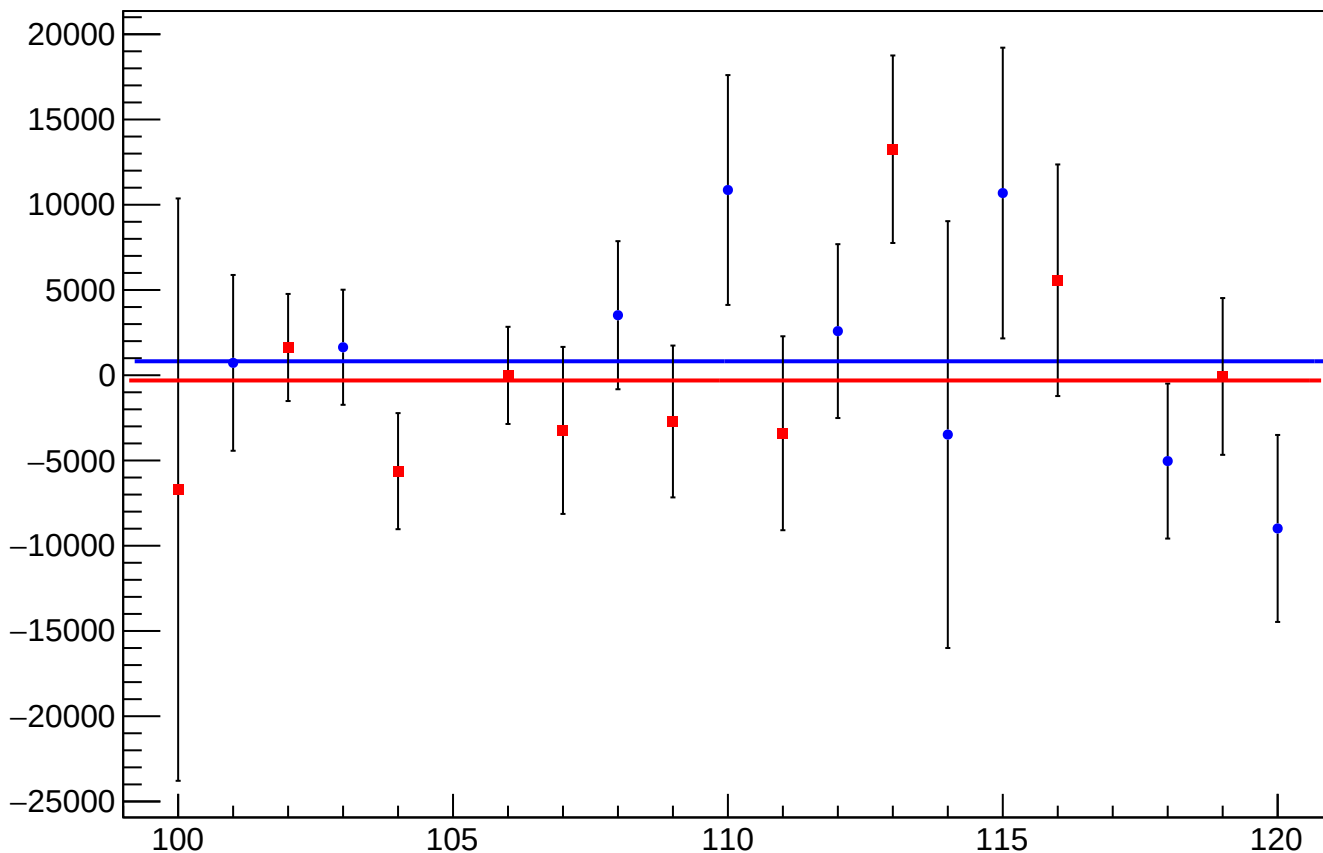
Right: 1106.582+/-0.294 χ^2/NDF : 816037.7/18

In: 1135.893+/-0.434 χ^2/NDF : 495933.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1106.582+/-0.294 χ^2/NDF : 816037.7/18

asym_usr_atr2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 819.234+/-1713.419 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -307.121+/-1361.699 χ^2/NDF : 10.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

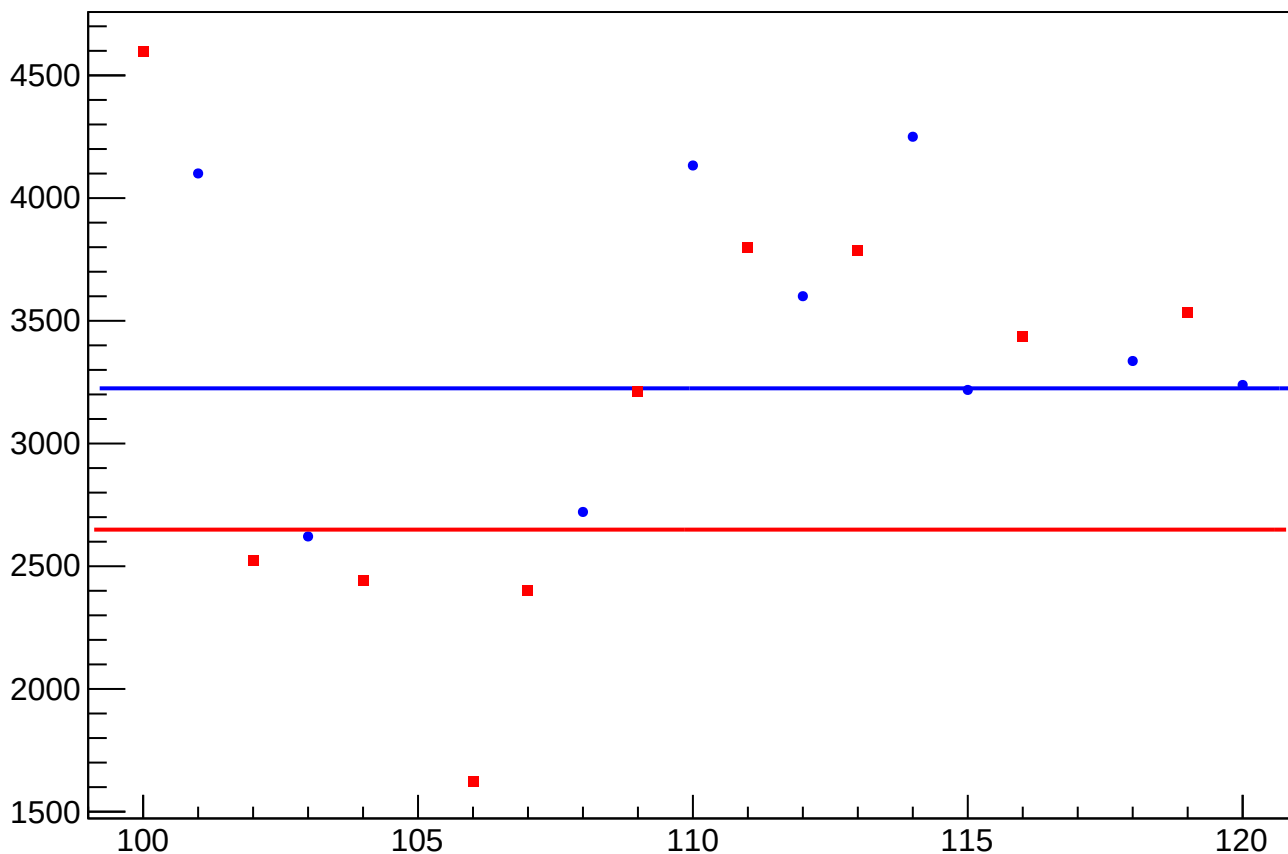
Right: 128.892+/-1066.045 χ^2/NDF : 20.1/18

In: 819.234+/-1713.419 χ^2/NDF :9.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 128.892+/-1066.045 χ^2/NDF : 20.1/18

asym_usr_atr2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3224.895+/-1.212 χ^2/NDF : 210253.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2649.219+/-0.963 χ^2/NDF : 601112.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

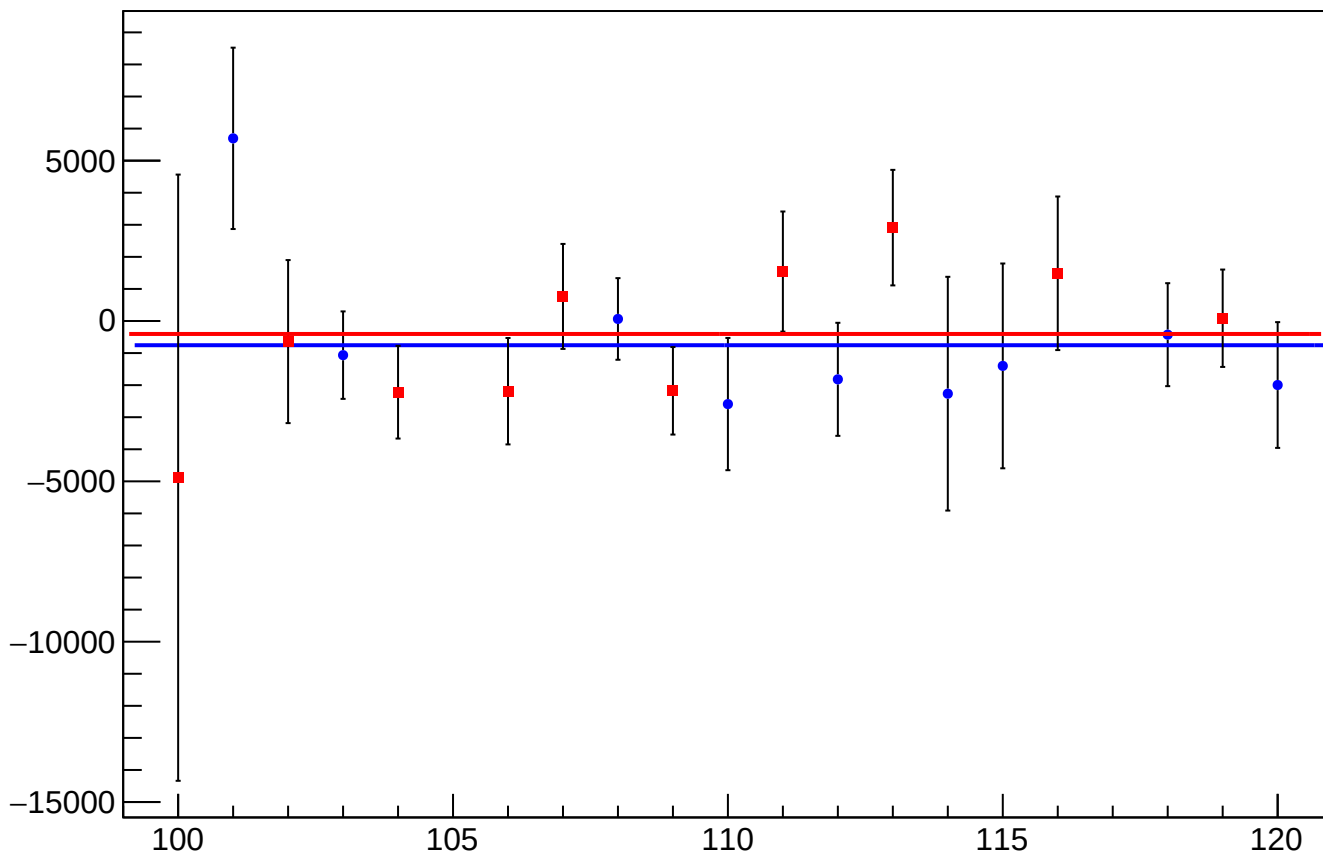
Right: 2872.064+/-0.754 χ^2/NDF : 949738.3/18

In: 3224.895+/-1.212 χ^2/NDF : 210253.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2872.064+/-0.754 χ^2/NDF : 949738.3/18

eigen_dit_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -755.152+/-613.268 χ^2/NDF : 7.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -404.292+/-566.150 χ^2/NDF : 10.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

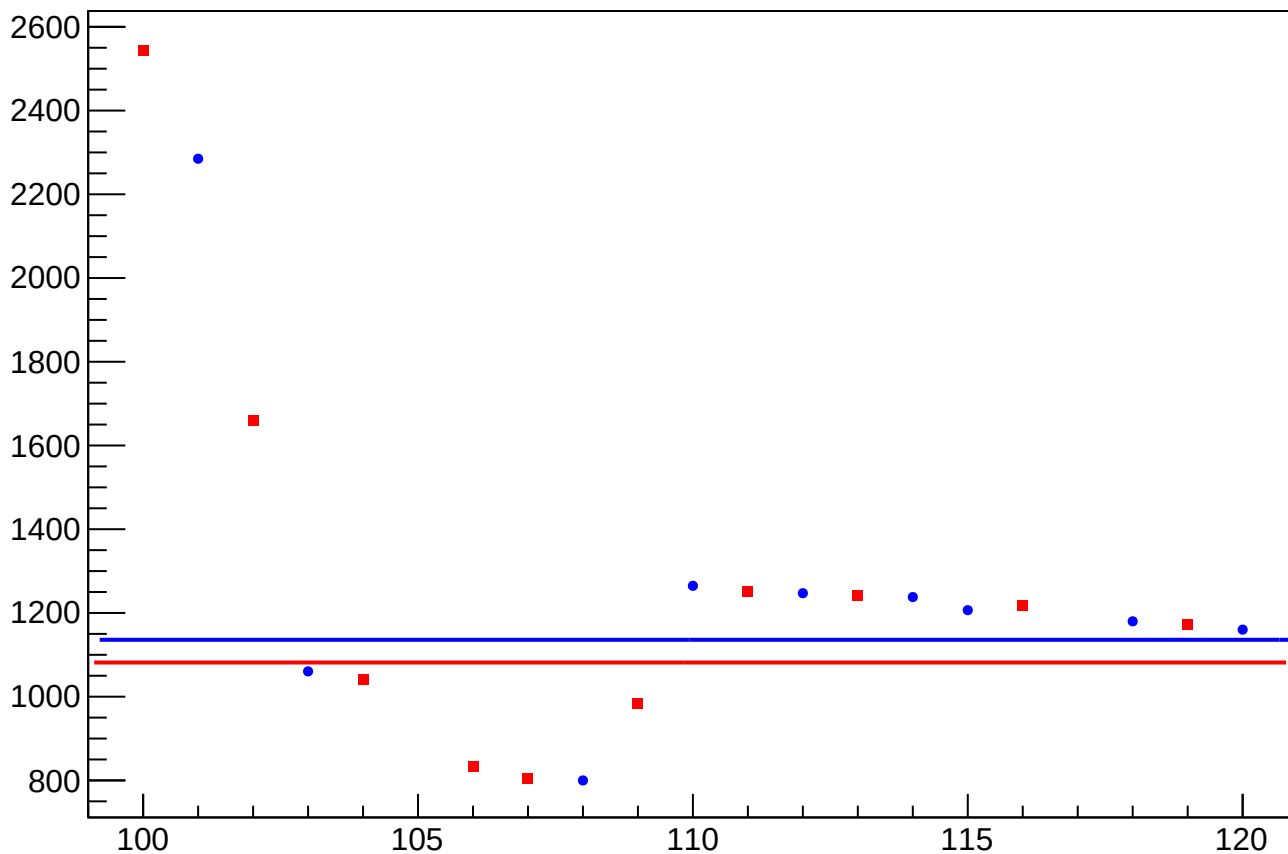
Right: -565.727+/-415.990 χ^2/NDF : 18.0/18

In: -755.152+/-613.268 χ^2/NDF : 7.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -565.727+/-415.990 χ^2/NDF : 18.0/18

eigen_dit_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1135.893+/-0.434 χ^2/NDF : 495933.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1081.640+/-0.400 χ^2/NDF : 311648.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

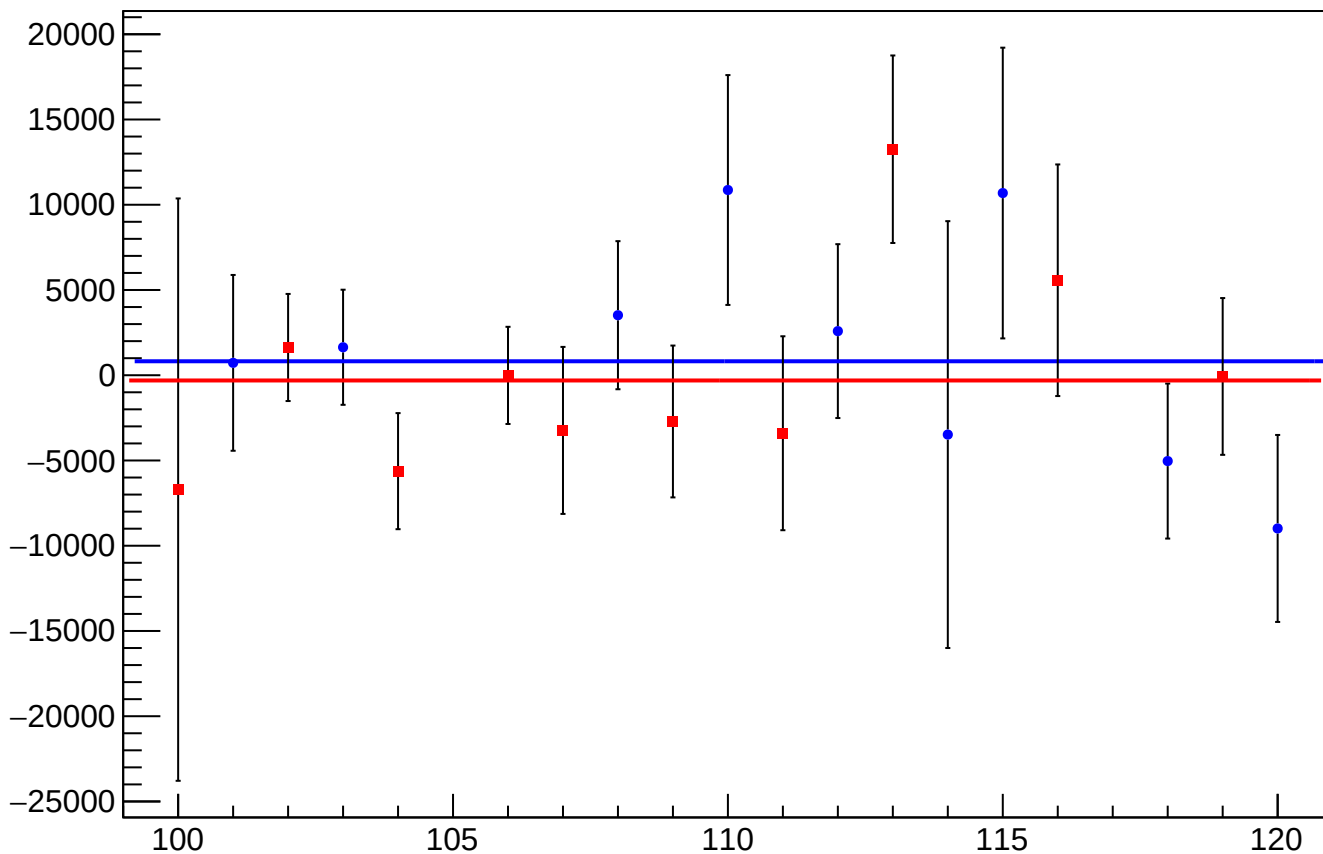
Right: 1106.582+/-0.294 χ^2/NDF : 816037.9/18

In: 1135.893+/-0.434 χ^2/NDF : 495933.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1106.582+/-0.294 χ^2/NDF : 816037.9/18

asym_usr_atr2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 819.227+/-1713.418 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -307.129+/-1361.697 χ^2/NDF : 10.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

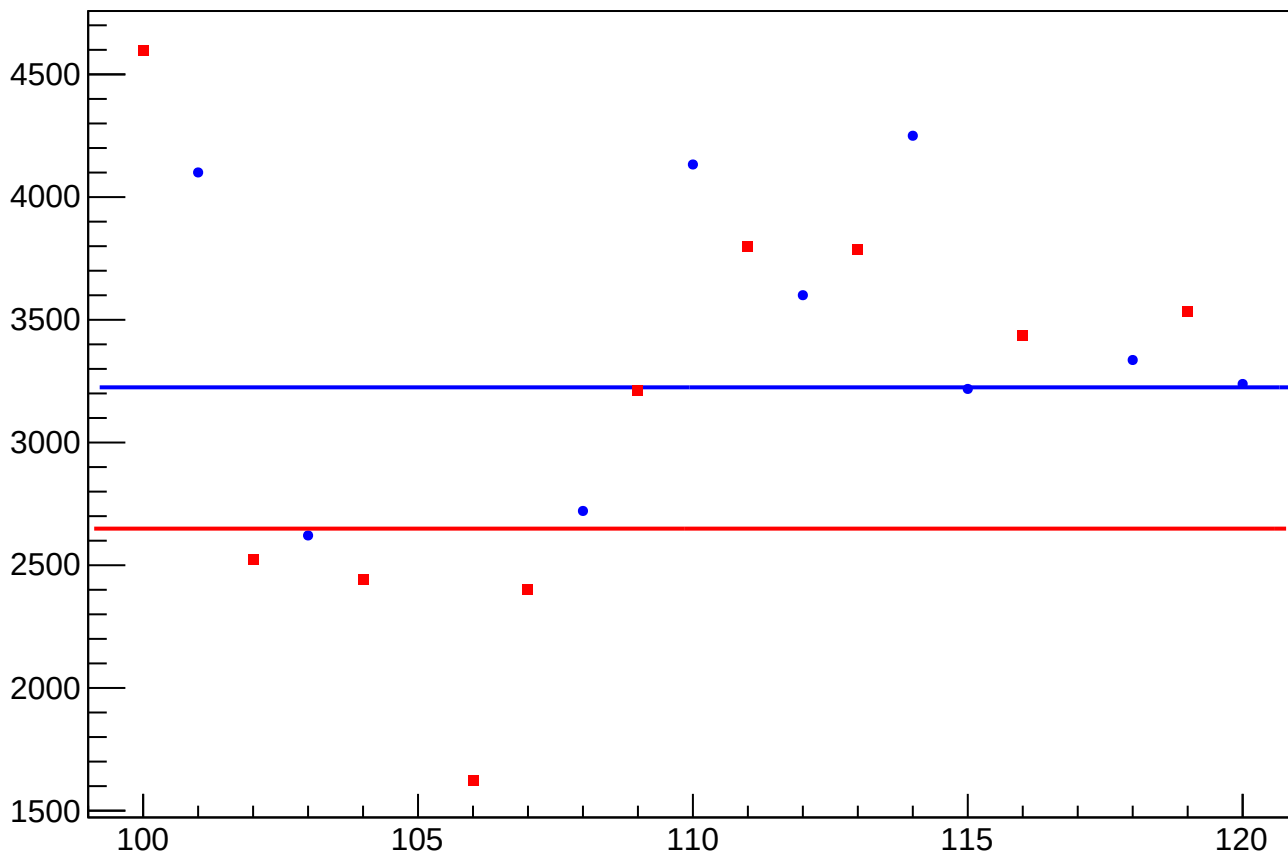
Right: 128.884+/-1066.044 χ^2/NDF : 20.1/18

In: 819.227+/-1713.418 χ^2/NDF :9.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 128.884+/-1066.044 χ^2/NDF : 20.1/18

asym_usr_atr2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3224.893+/-1.212 χ^2/NDF : 210250.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2649.214+/-0.963 χ^2/NDF : 601114.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

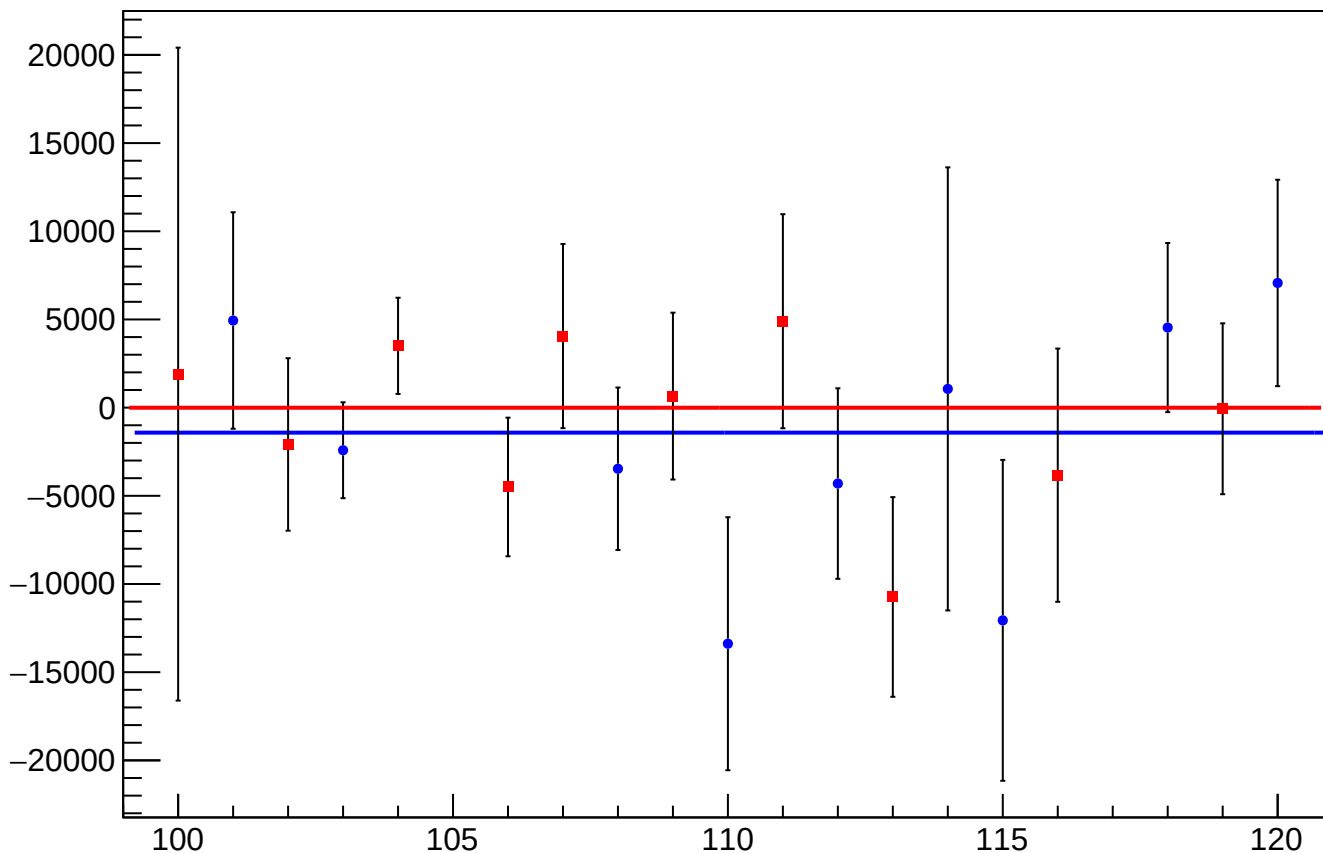
Right: 2872.060+/-0.754 χ^2/NDF : 949738.9/18

In: 3224.893+/-1.212 χ^2/NDF : 210250.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2872.060+/-0.754 χ^2/NDF : 949738.9/18

asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -1418.196+/-1681.027 χ^2/NDF : 9.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.461+/-1497.735 χ^2/NDF : 8.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

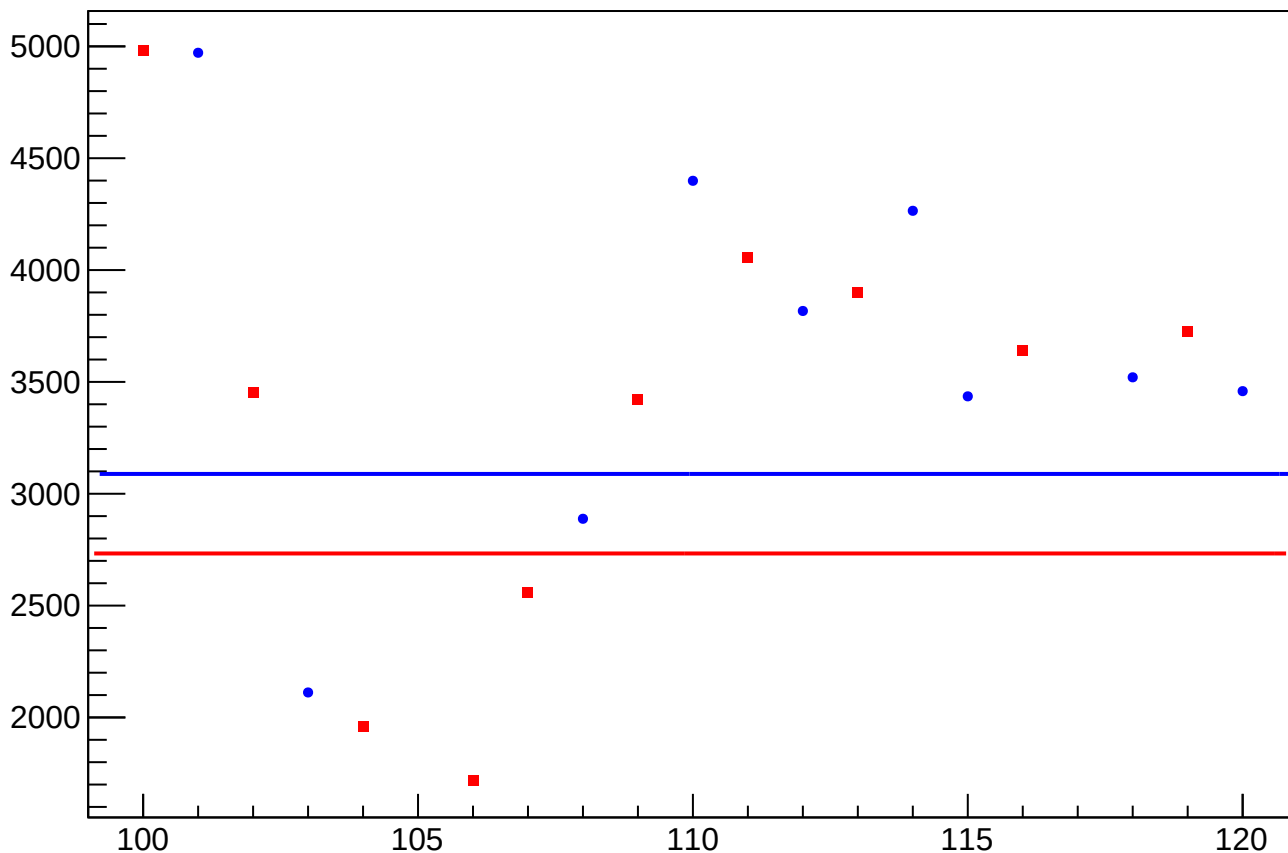
Right: -630.638+/-1118.268 χ^2/NDF : 18.2/18

In: -1418.196+/-1681.027 χ^2/NDF : 9.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -630.638+/-1118.268 χ^2/NDF : 18.2/18

asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 3088.606+/-1.189 χ^2/NDF : 598190.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2733.055+/-1.033 χ^2/NDF : 75517.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

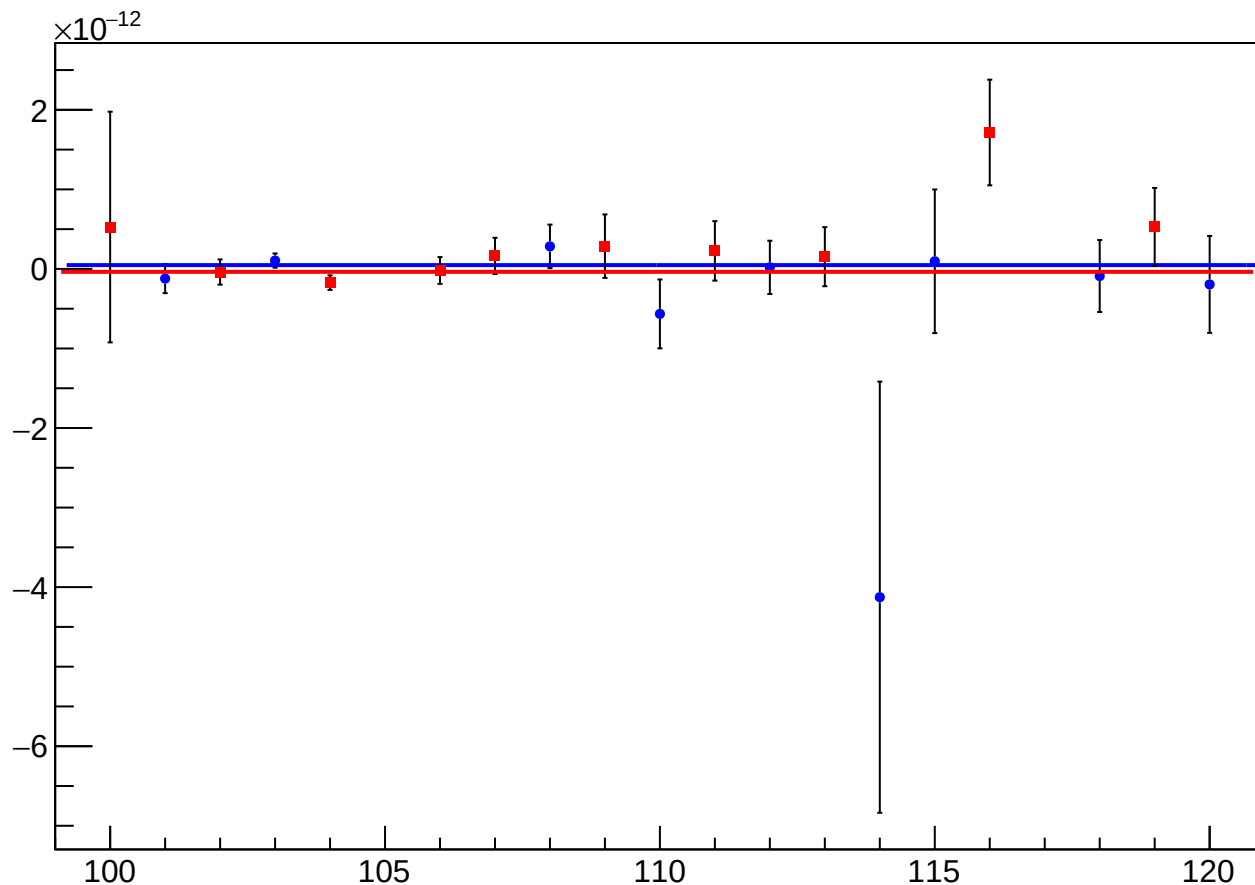
Right: 2886.012+/-0.780 χ^2/NDF : 1404689.0/18

In: 3088.606+/-1.189 χ^2/NDF : 598190.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2886.012+/-0.780 χ^2/NDF : 1404689.0/18

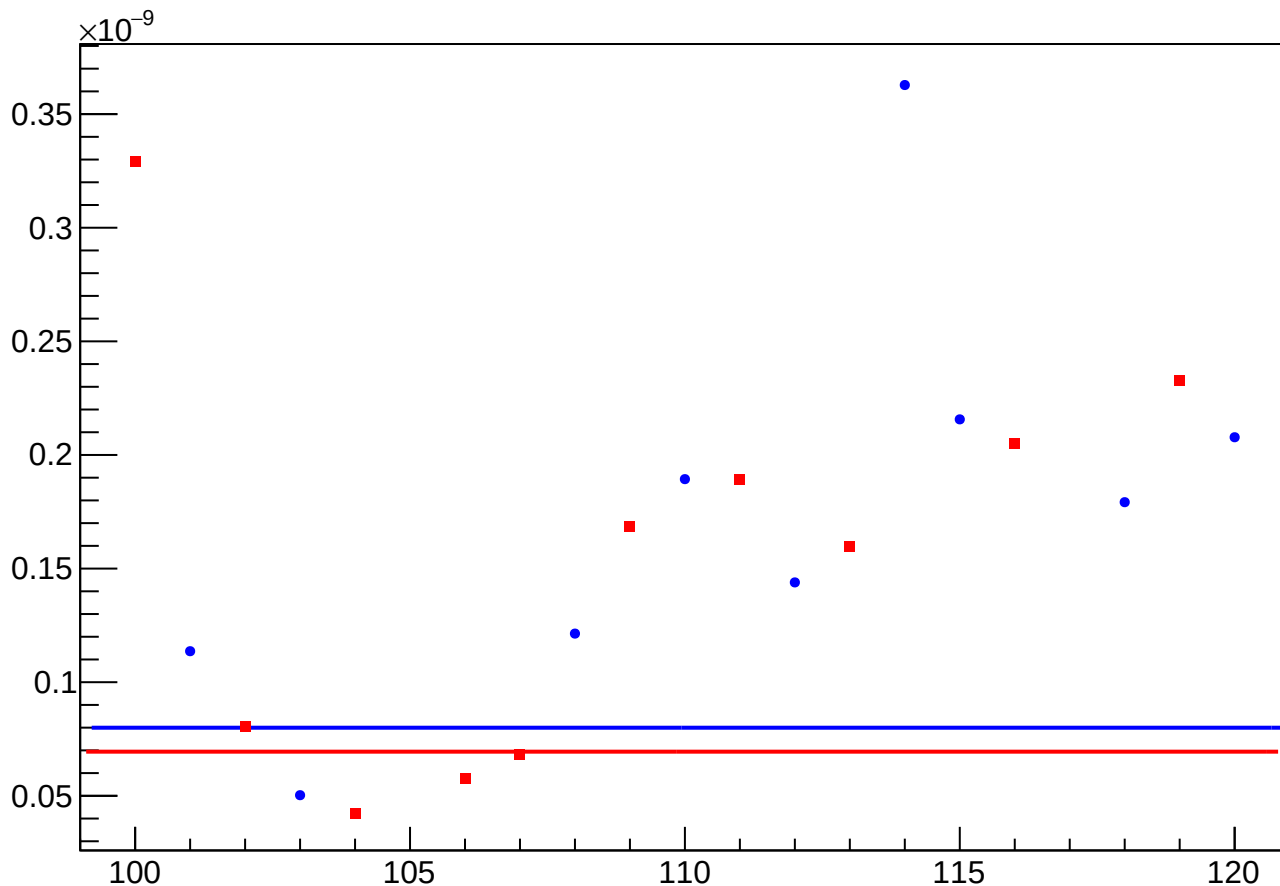
asym_usr_atr2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.7/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 12.8/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 20.2/18
 In: 0.000+/-0.000 χ^2/NDF : 6.7/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 20.2/18

asym_usr_atr2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 788177.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1013908.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

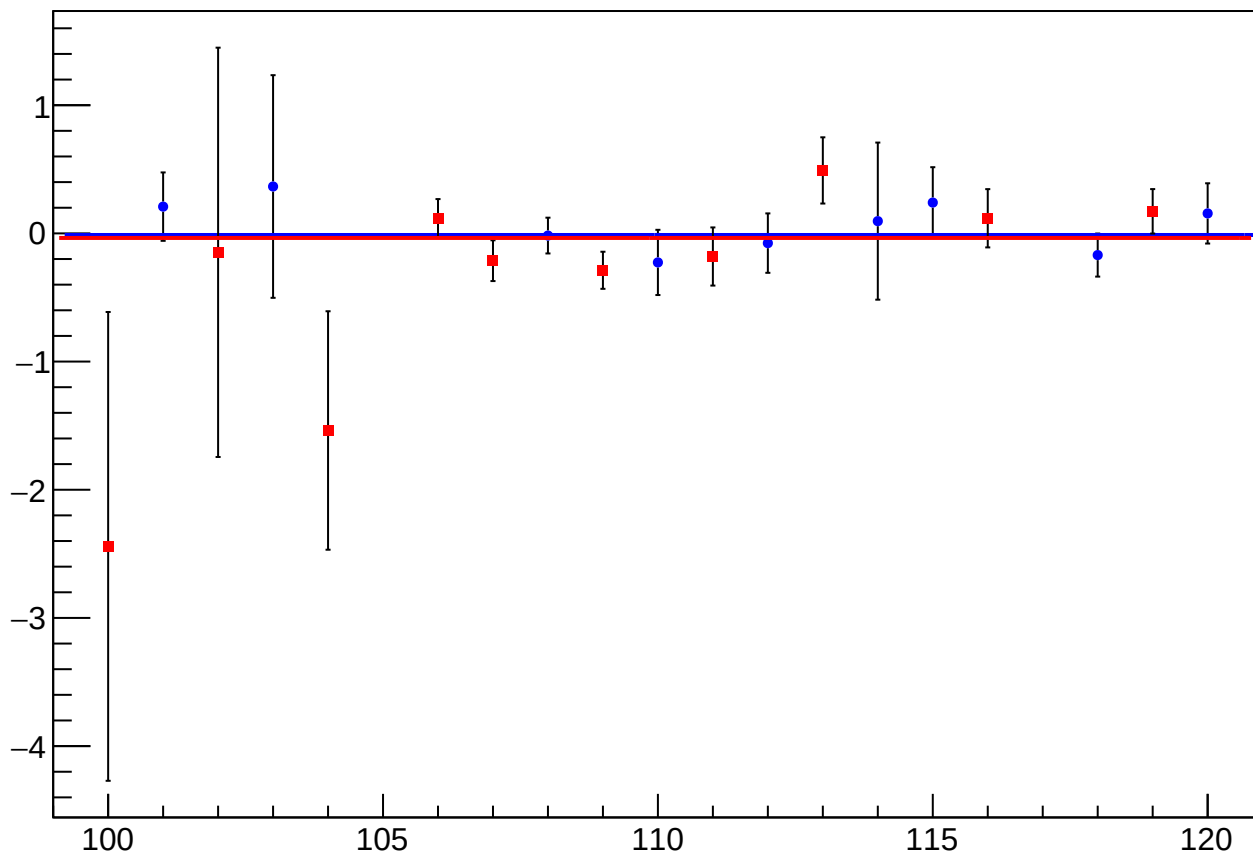
Right: 0.000+/-0.000 χ^2/NDF : 1825884.8/18

In: 0.000+/-0.000 χ^2/NDF : 788177.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1825884.8/18

asym_usr_atr2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 $\pm$ 0.077 χ^2 /NDF: 3.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.036 $\pm$ 0.067 χ^2 /NDF: 16.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

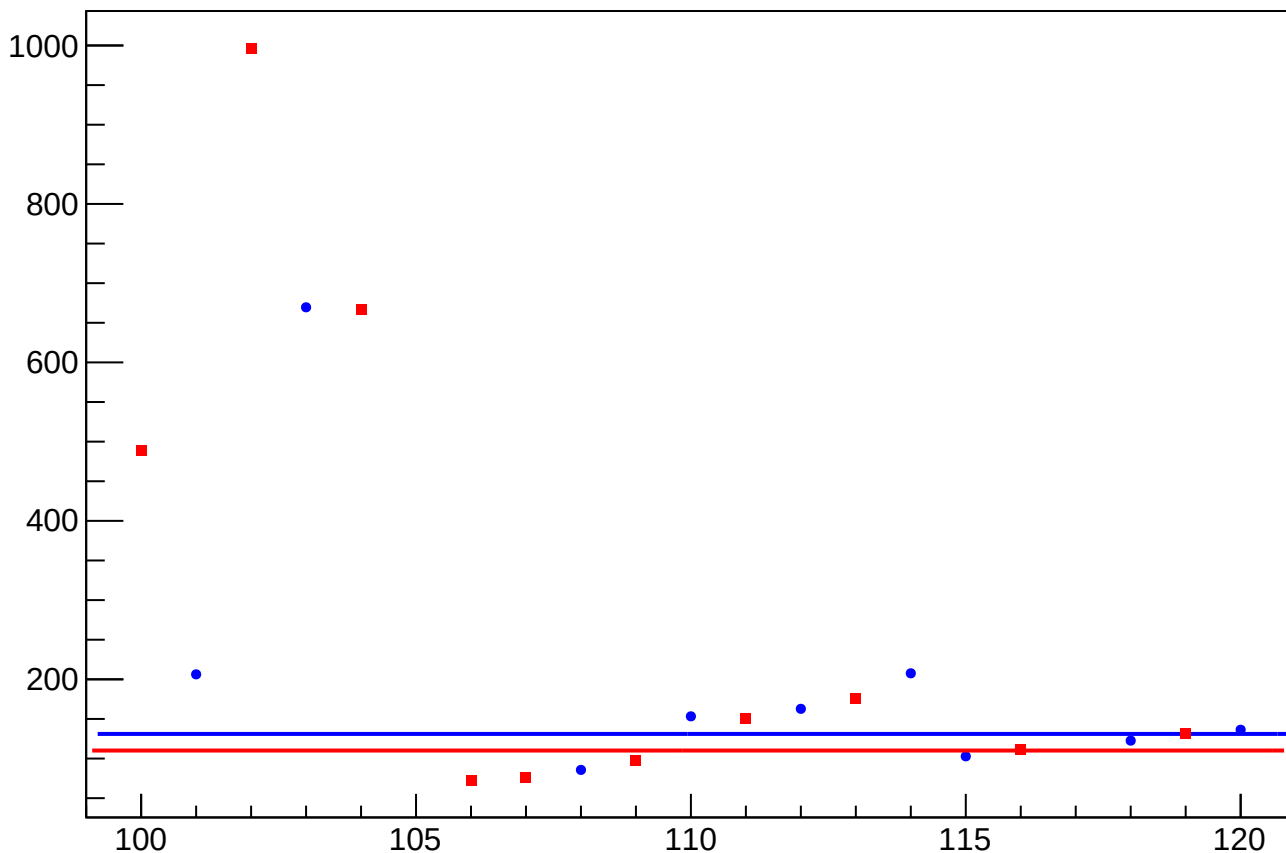
Right: -0.026 $\pm$ 0.051 χ^2 /NDF: 20.1/18

In: -0.013 $\pm$ 0.077 χ^2 /NDF:3.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.026 $\pm$ 0.051 χ^2 /NDF: 20.1/18

asym_usr_atr2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 131.085+/-0.054 χ^2/NDF : 1250289.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 110.122+/-0.048 χ^2/NDF : 1882689.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

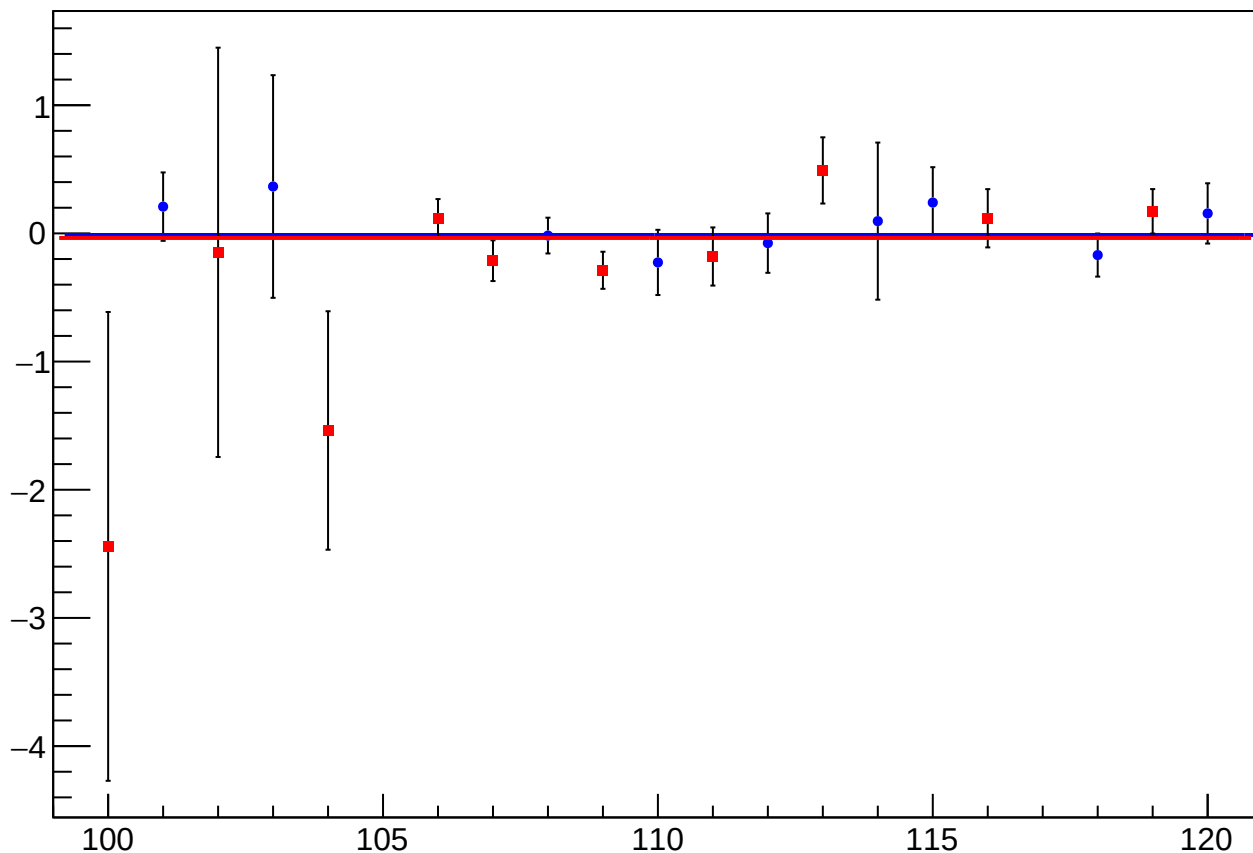
Right: 119.270+/-0.036 χ^2/NDF : 3217245.5/18

In: 131.085+/-0.054 χ^2/NDF :1250289.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 119.270+/-0.036 χ^2/NDF : 3217245.5/18

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 $\pm$ 0.077 χ^2 /NDF: 3.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.036 $\pm$ 0.067 χ^2 /NDF: 16.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

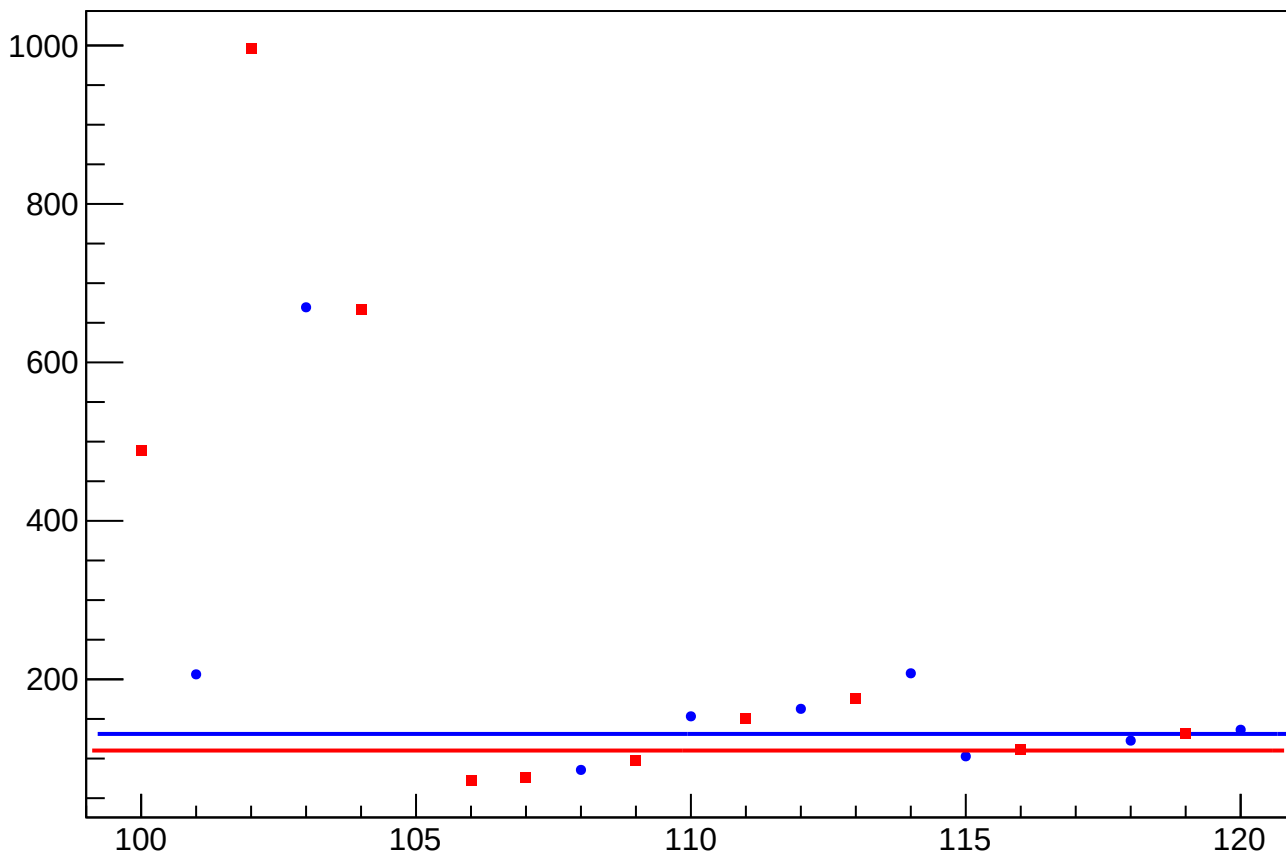
Right: -0.026 $\pm$ 0.051 χ^2 /NDF: 20.1/18

In: -0.013 $\pm$ 0.077 χ^2 /NDF:3.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.026 $\pm$ 0.051 χ^2 /NDF: 20.1/18

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 131.085+/-0.054 χ^2/NDF : 1250289.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.122+/-0.048 χ^2/NDF : 1882689.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

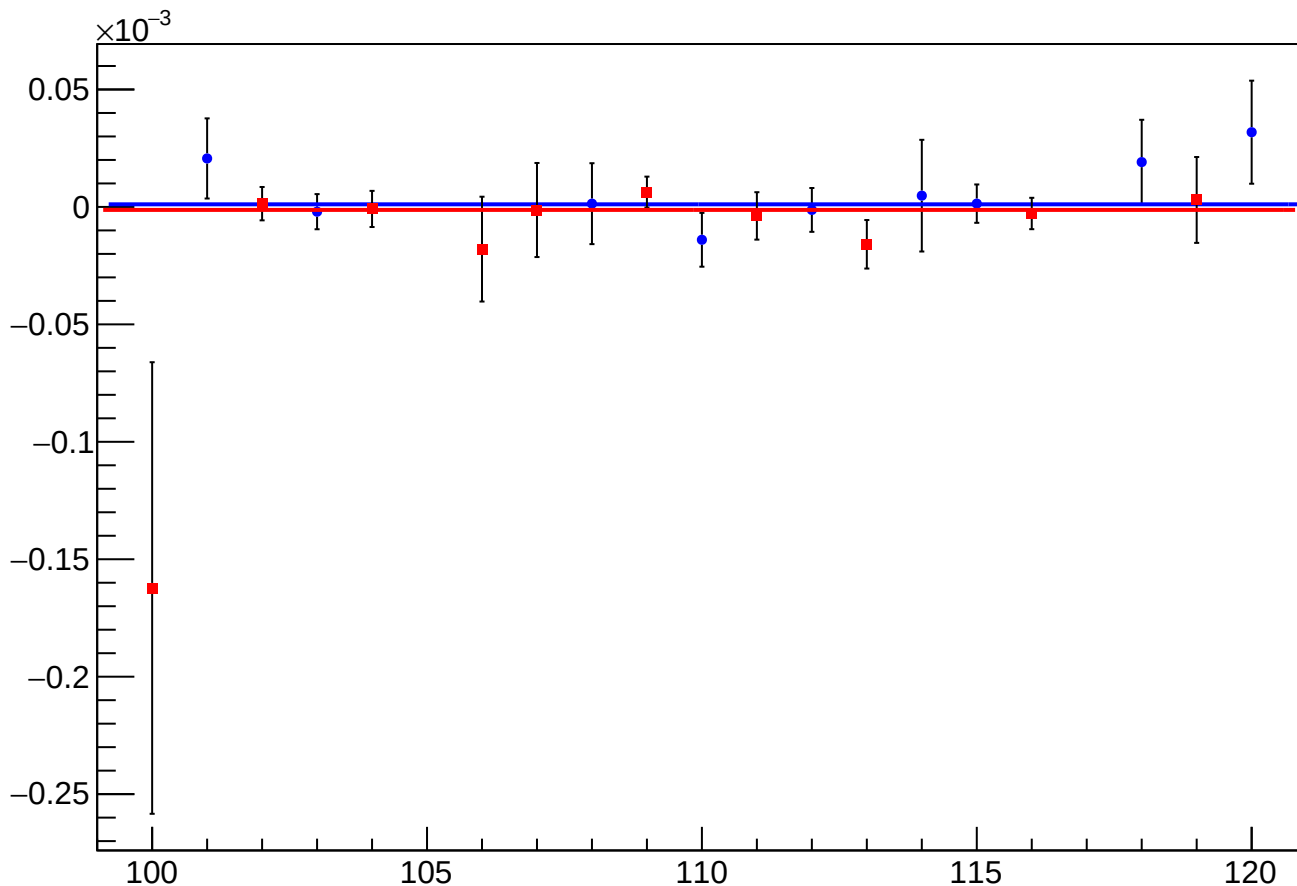
Right: 119.270+/-0.036 χ^2/NDF : 3217245.5/18

In: 131.085+/-0.054 χ^2/NDF : 1250289.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.270+/-0.036 χ^2/NDF : 3217245.5/18

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

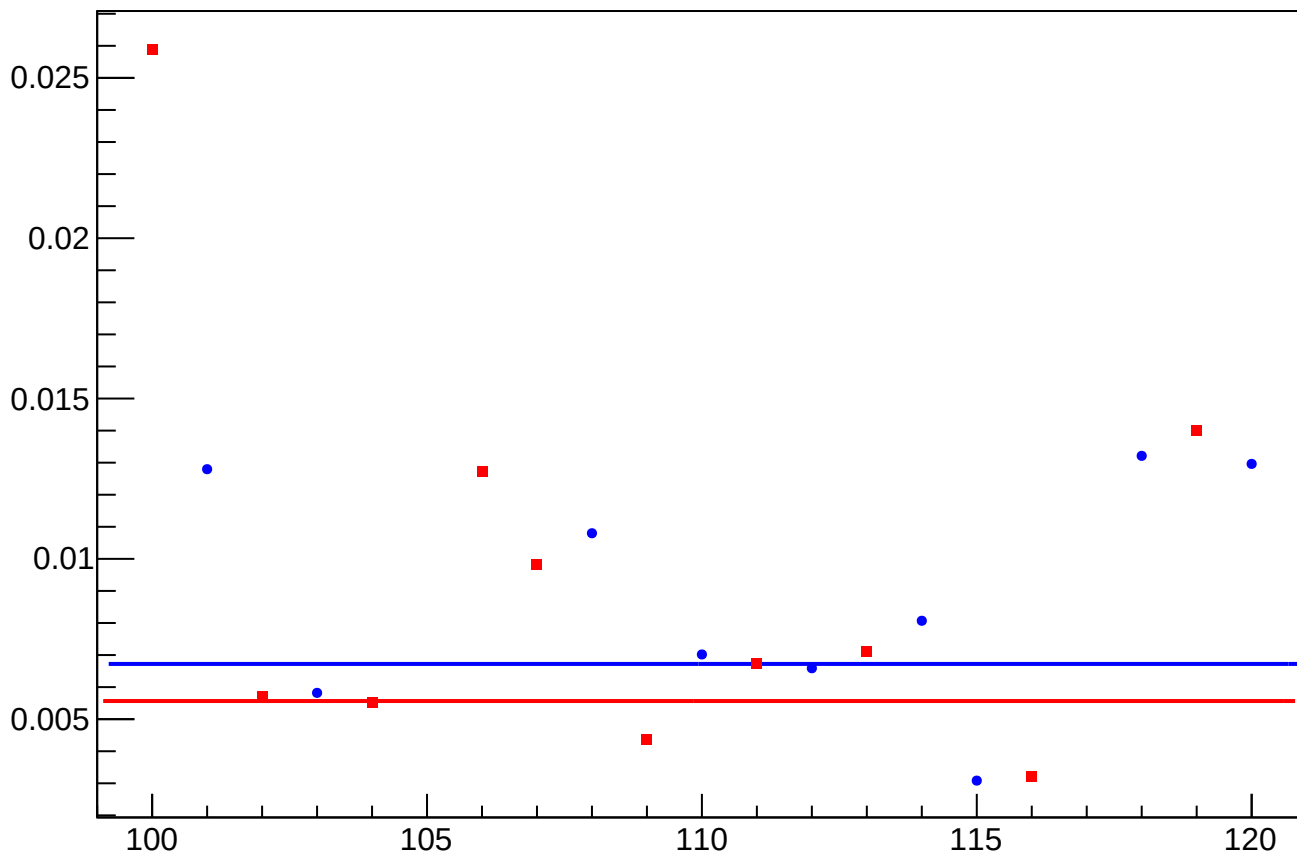
Right: -0.000+/-0.000 χ^2/NDF : 13.5/18

In: 0.000+/-0.000 χ^2/NDF : 6.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.5/18

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 1221620.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1203514.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

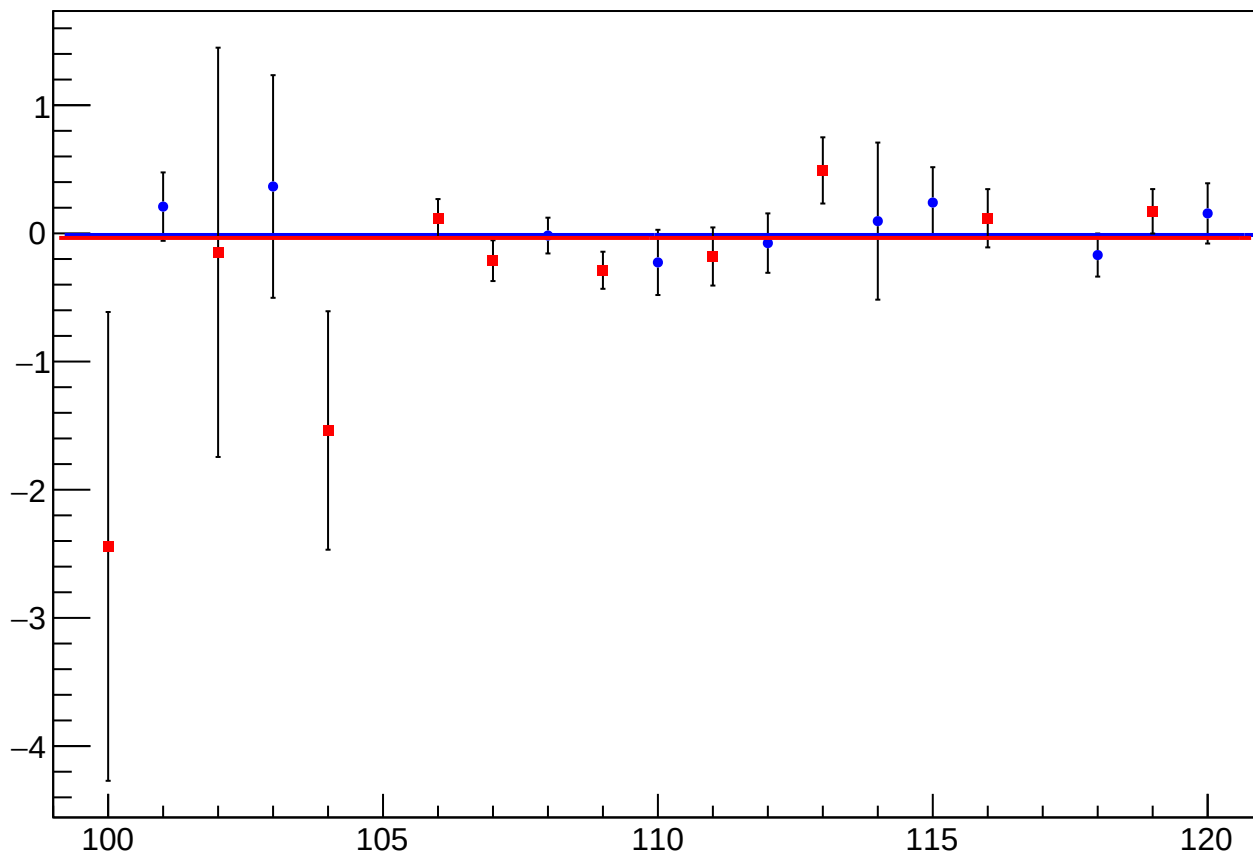
Right: 0.006+/-0.000 χ^2/NDF : 2534876.5/18

In: 0.007+/-0.000 χ^2/NDF : 1221620.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 2534876.5/18

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 $\pm$ 0.077 χ^2 /NDF: 3.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.036 $\pm$ 0.067 χ^2 /NDF: 16.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

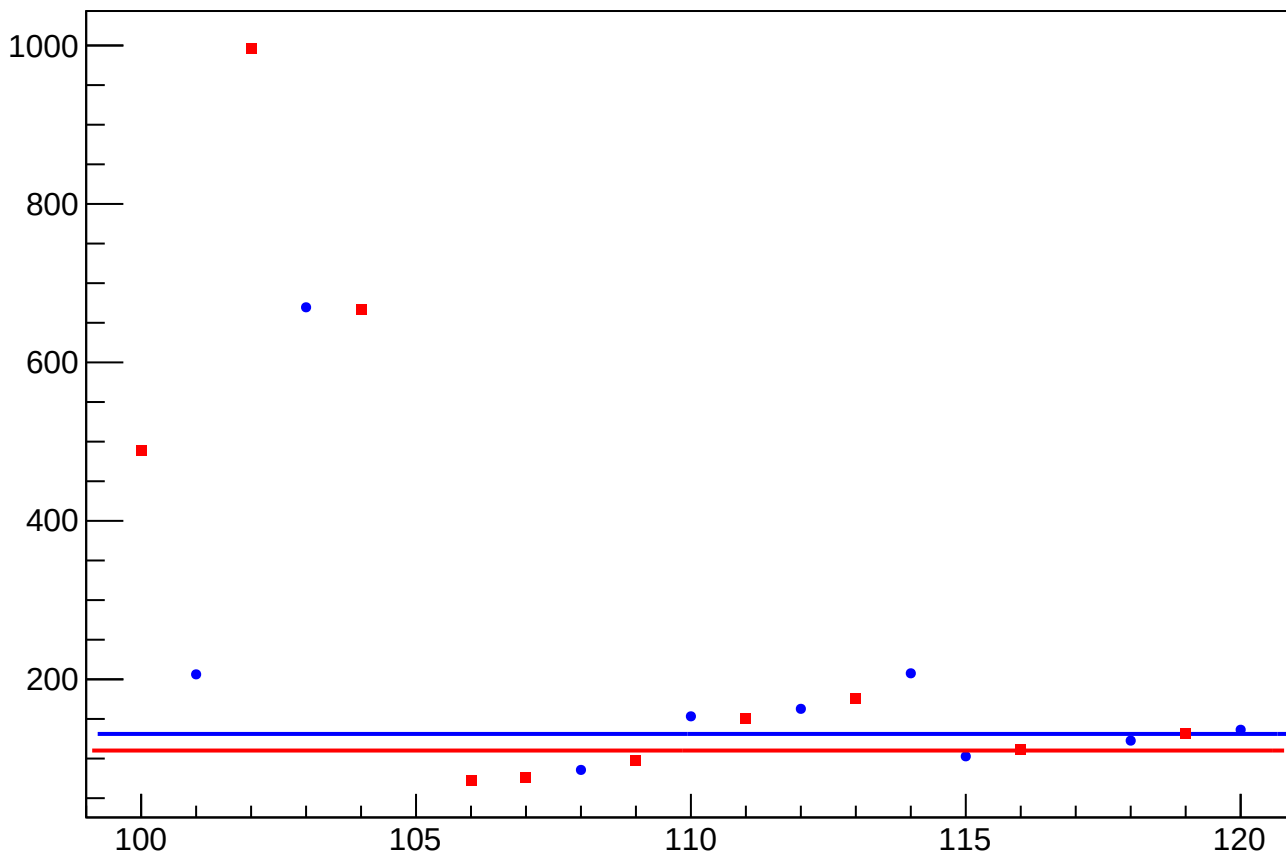
Right: -0.026 $\pm$ 0.051 χ^2 /NDF: 20.1/18

In: -0.013 $\pm$ 0.077 χ^2 /NDF:3.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.026 $\pm$ 0.051 χ^2 /NDF: 20.1/18

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 131.082+/-0.054 χ^2/NDF : 1250351.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.122+/-0.048 χ^2/NDF : 1882689.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

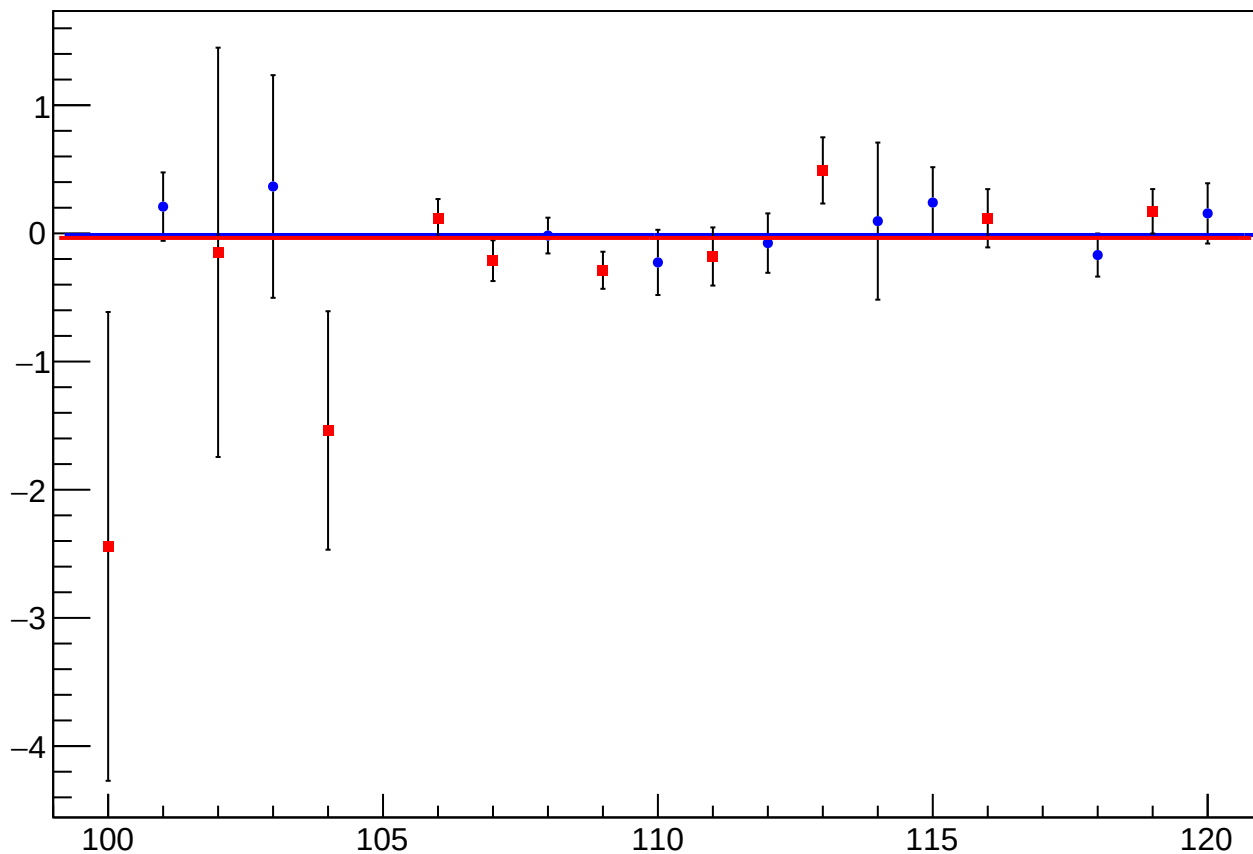
Right: 119.269+/-0.036 χ^2/NDF : 3217279.6/18

In: 131.082+/-0.054 χ^2/NDF : 1250351.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.269+/-0.036 χ^2/NDF : 3217279.6/18

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 $\pm$ 0.077 χ^2 /NDF: 3.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.036 $\pm$ 0.067 χ^2 /NDF: 16.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

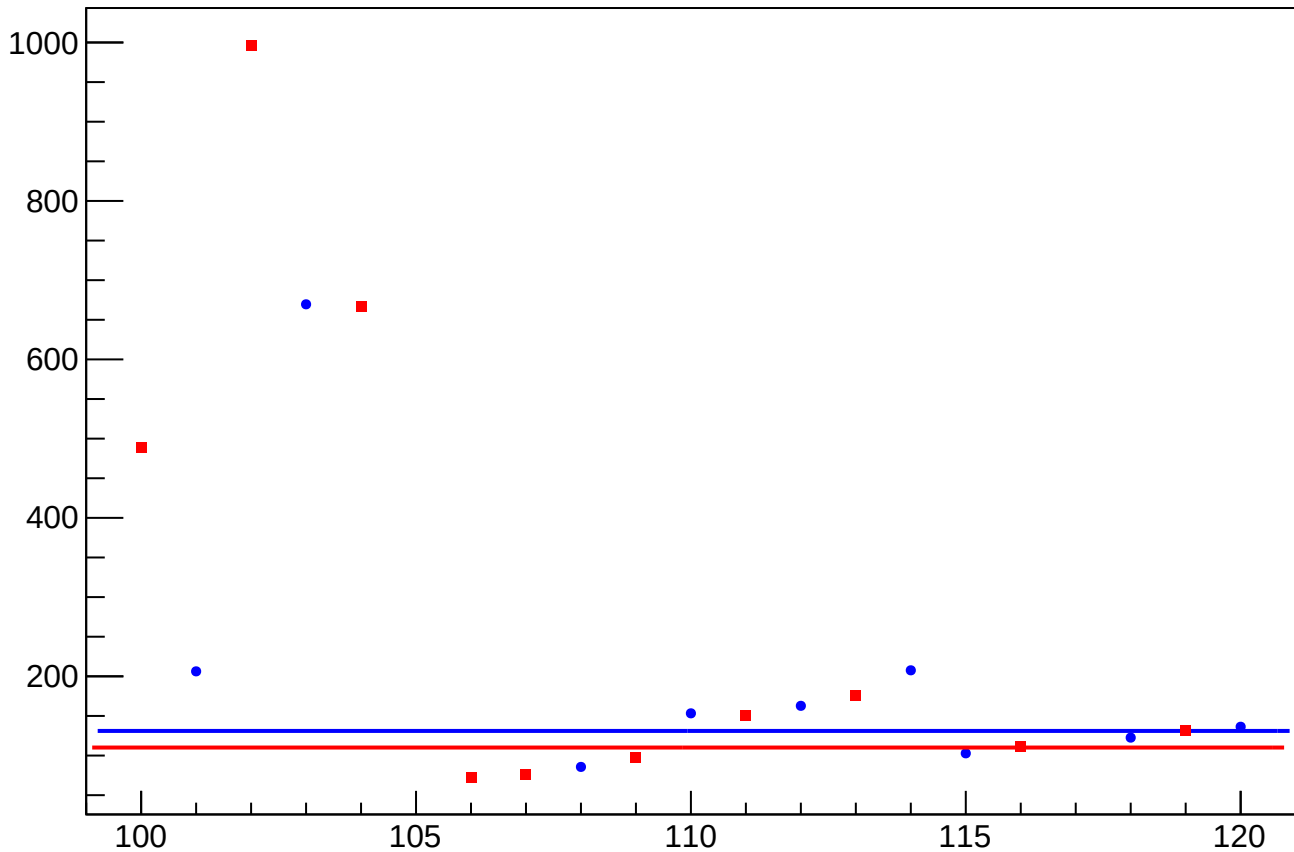
Right: -0.026 $\pm$ 0.051 χ^2 /NDF: 20.1/18

In: -0.013 $\pm$ 0.077 χ^2 /NDF:3.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.026 $\pm$ 0.051 χ^2 /NDF: 20.1/18

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 131.082+/-0.054 χ^2/NDF : 1250351.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.122+/-0.048 χ^2/NDF : 1882689.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

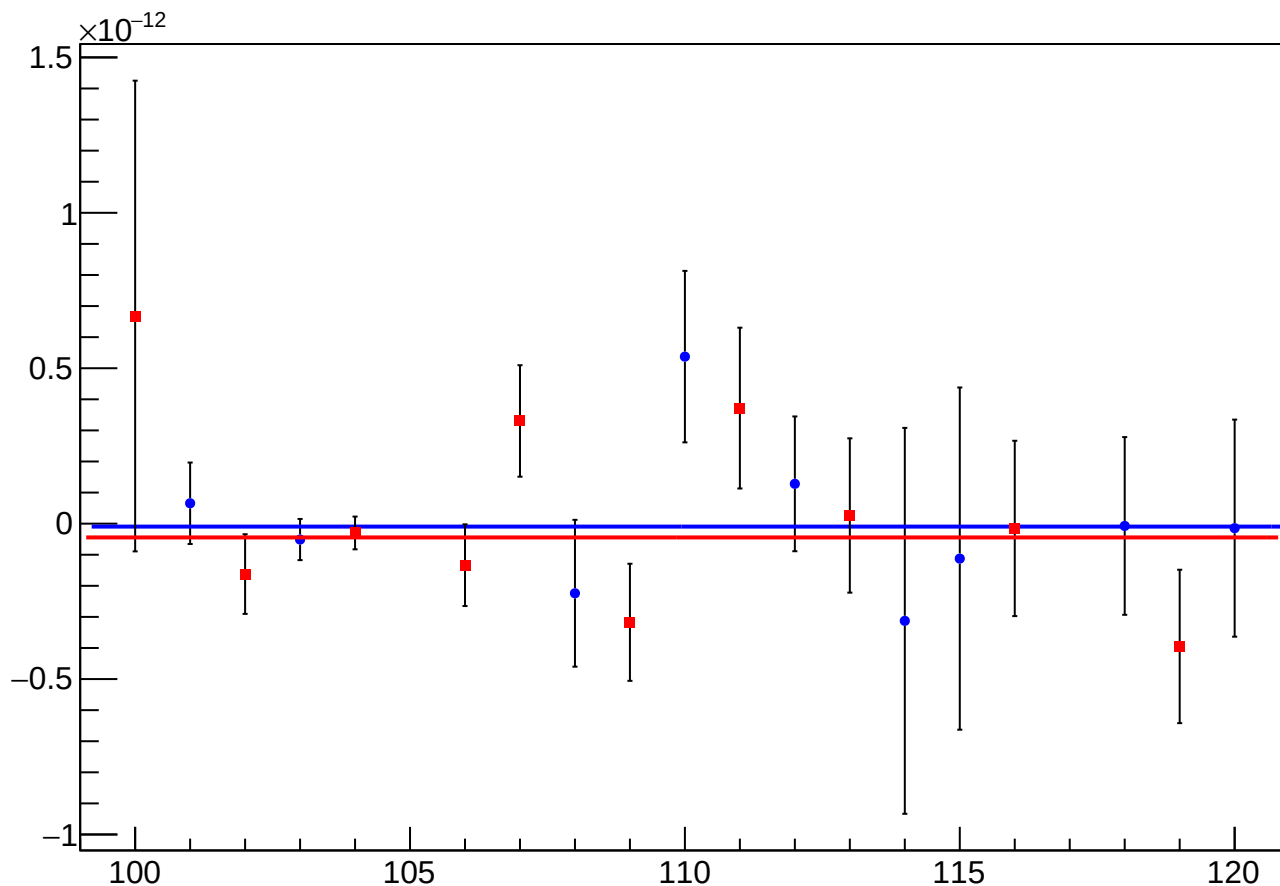
Right: 119.269+/-0.036 χ^2/NDF : 3217279.6/18

In: 131.082+/-0.054 χ^2/NDF : 1250351.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.269+/-0.036 χ^2/NDF : 3217279.6/18

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

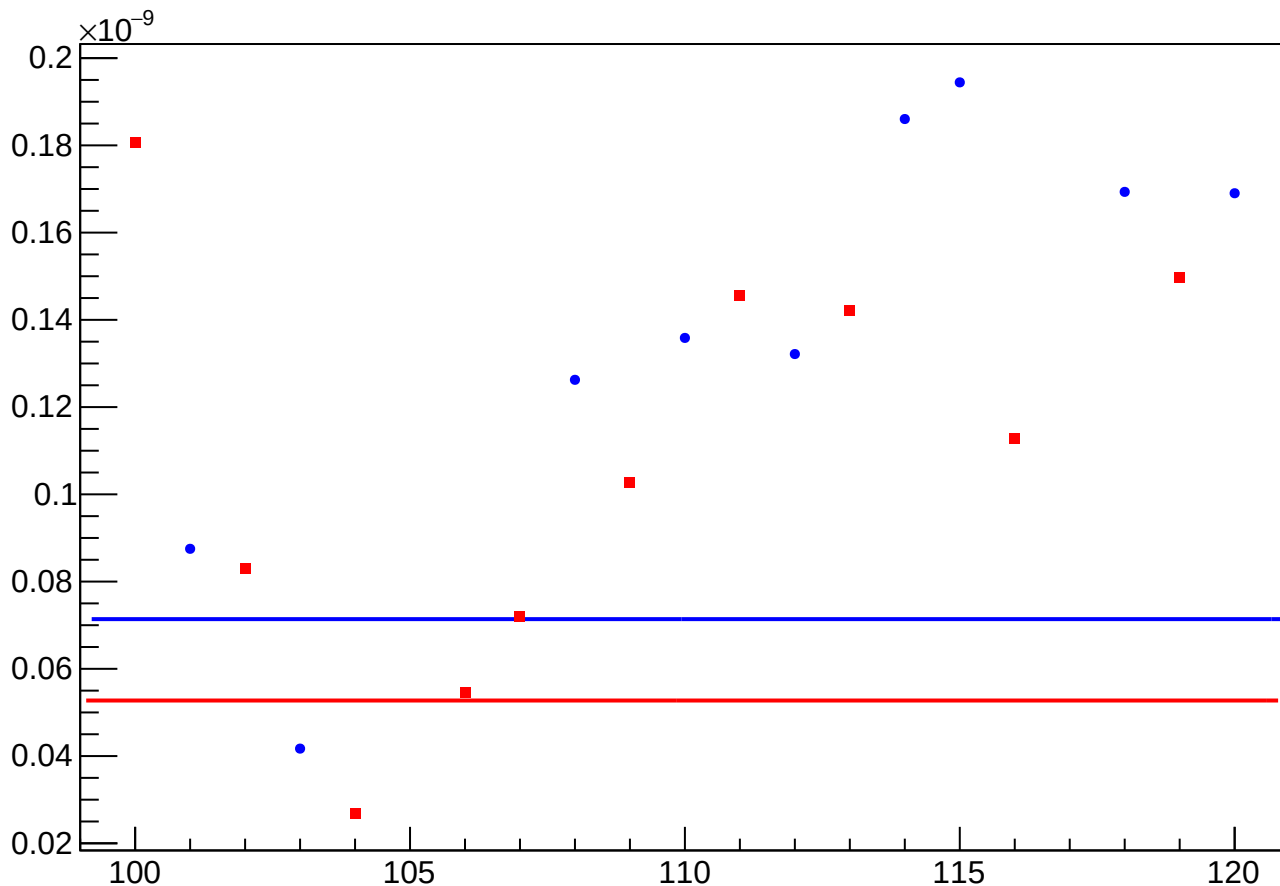
Right: -0.000+/-0.000 χ^2/NDF : 19.9/18

In: -0.000+/-0.000 χ^2/NDF :6.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.9/18

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1365638.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1734438.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

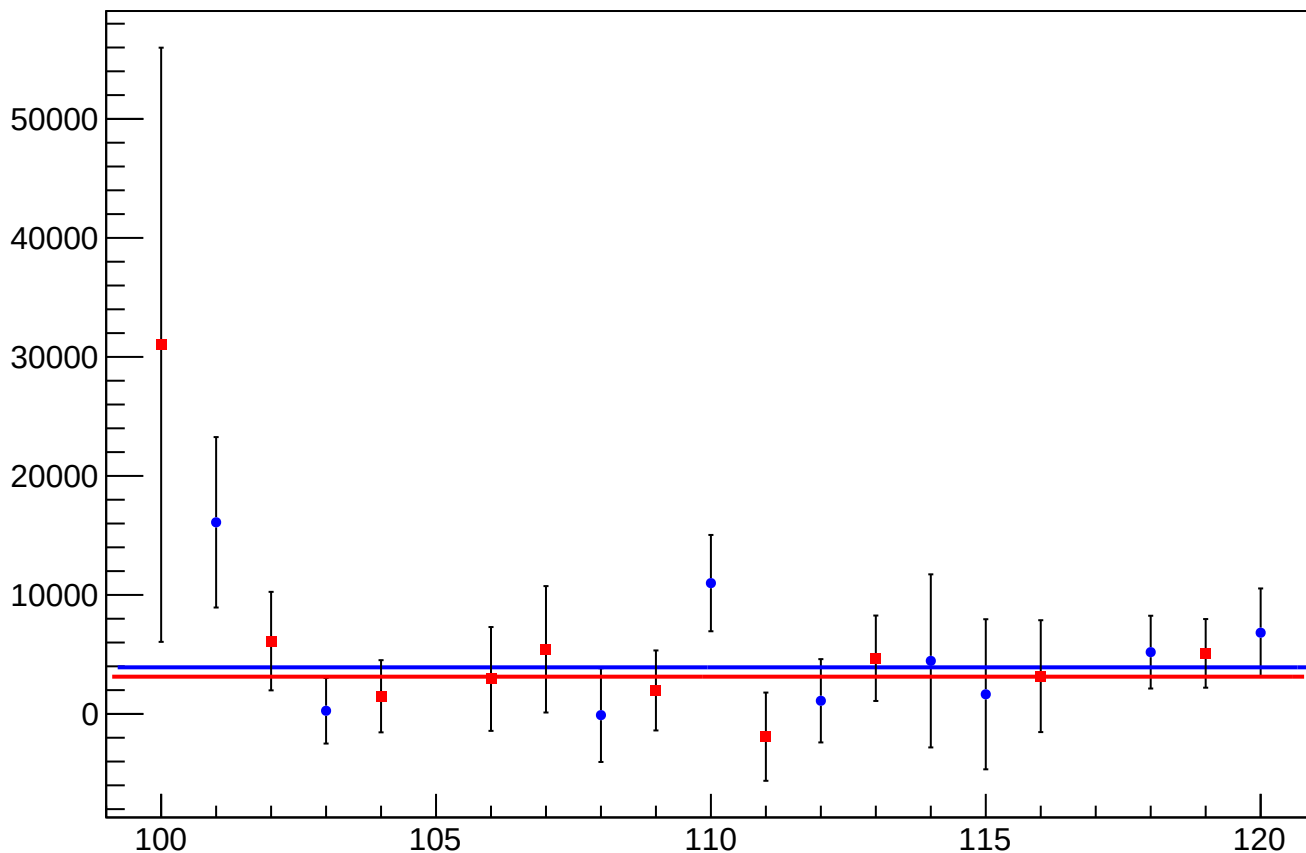
Right: 0.000+/-0.000 χ^2/NDF : 3258125.4/18

In: 0.000+/-0.000 χ^2/NDF : 1365638.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3258125.4/18

reg_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3916.582+/-1310.993 χ^2/NDF : 10.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3130.634+/-1229.885 χ^2/NDF : 4.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

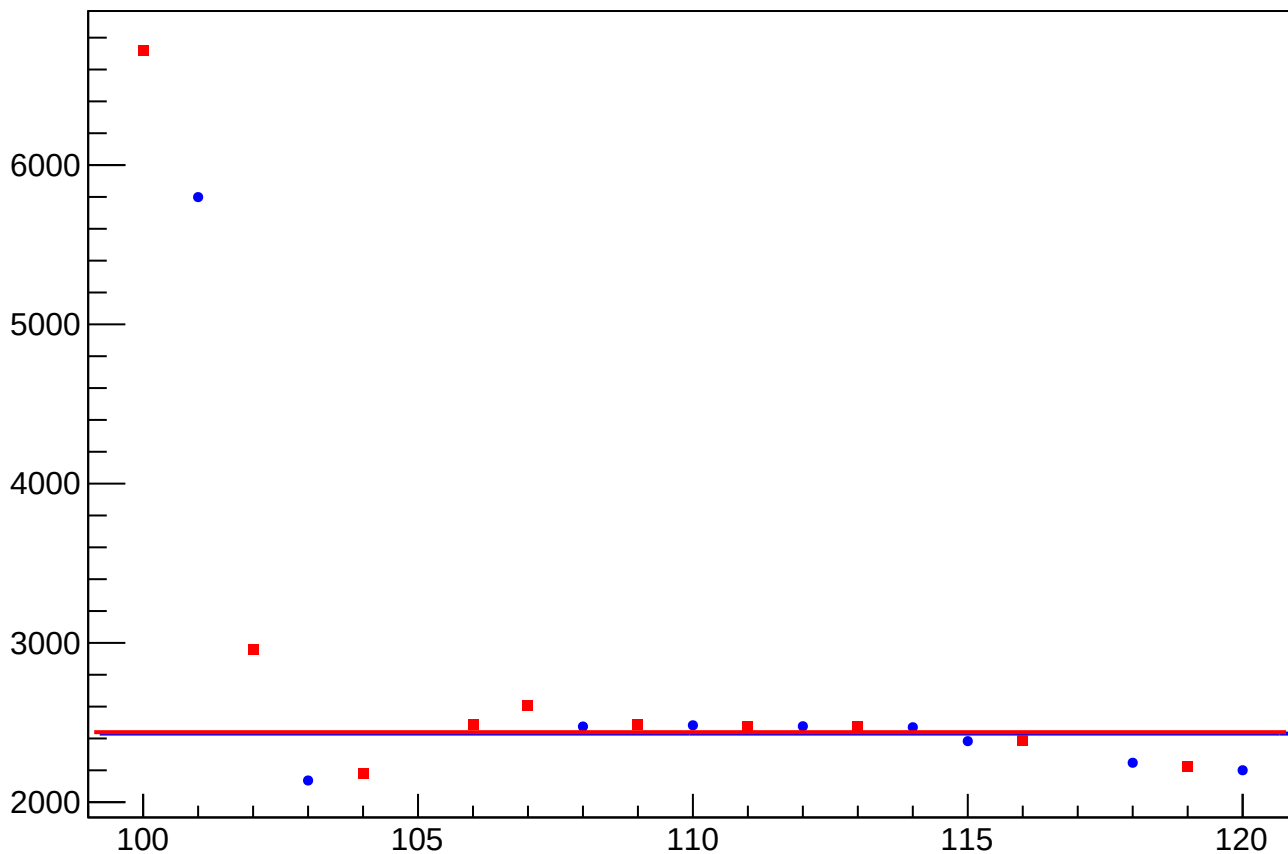
Right: 3498.545+/-896.964 χ^2/NDF : 15.4/18

In: 3916.582+/-1310.993 χ^2/NDF : 10.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3498.545+/-896.964 χ^2/NDF : 15.4/18

reg_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2430.614+/-0.927 χ^2/NDF : 481297.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2439.481+/-0.870 χ^2/NDF : 119031.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

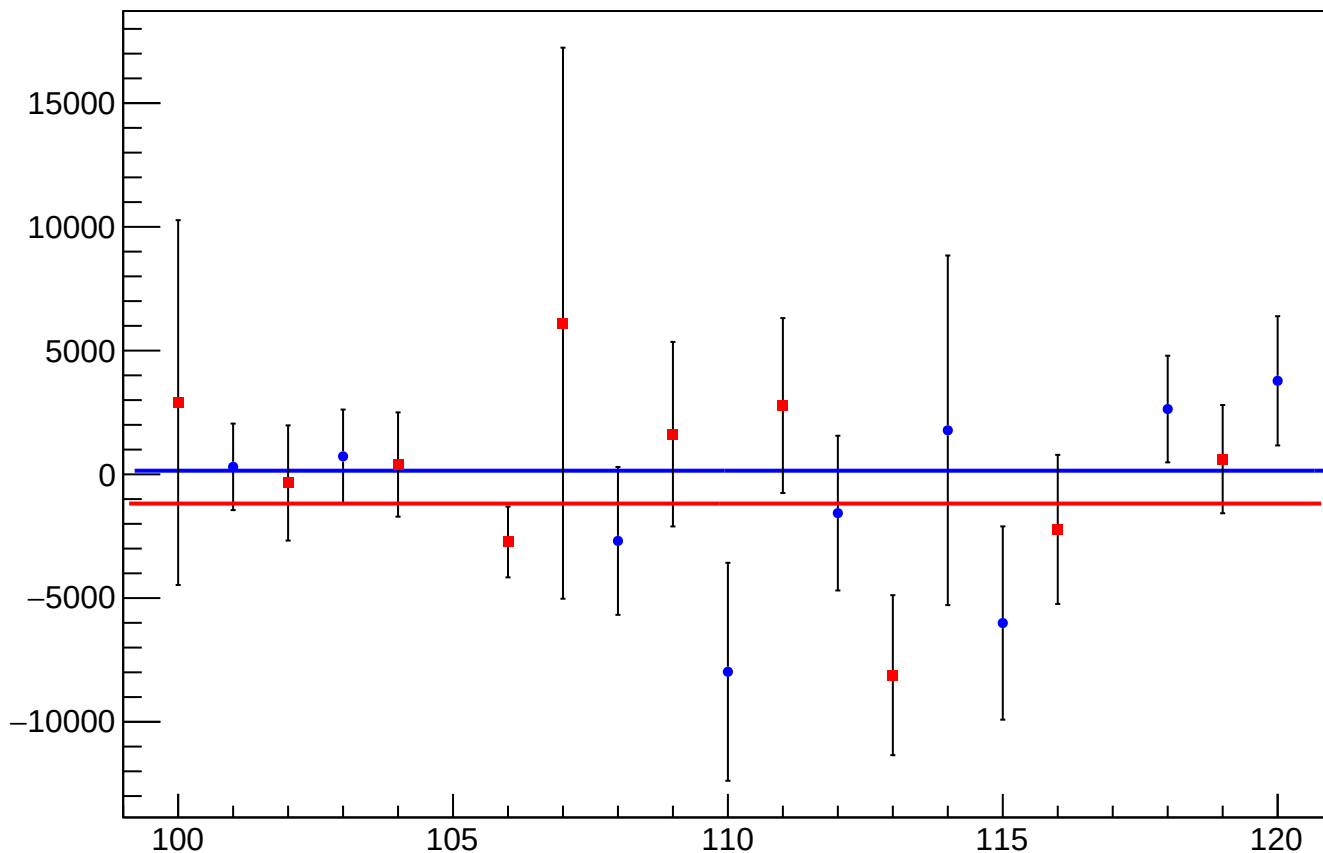
Right: 2435.330+/-0.634 χ^2/NDF : 600377.9/18

In: 2430.614+/-0.927 χ^2/NDF : 481297.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2435.330+/-0.634 χ^2/NDF : 600377.9/18

asym_us_avg_at1lr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 147.312+/-870.099 χ^2/NDF : 10.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1181.667+/-818.535 χ^2/NDF : 9.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

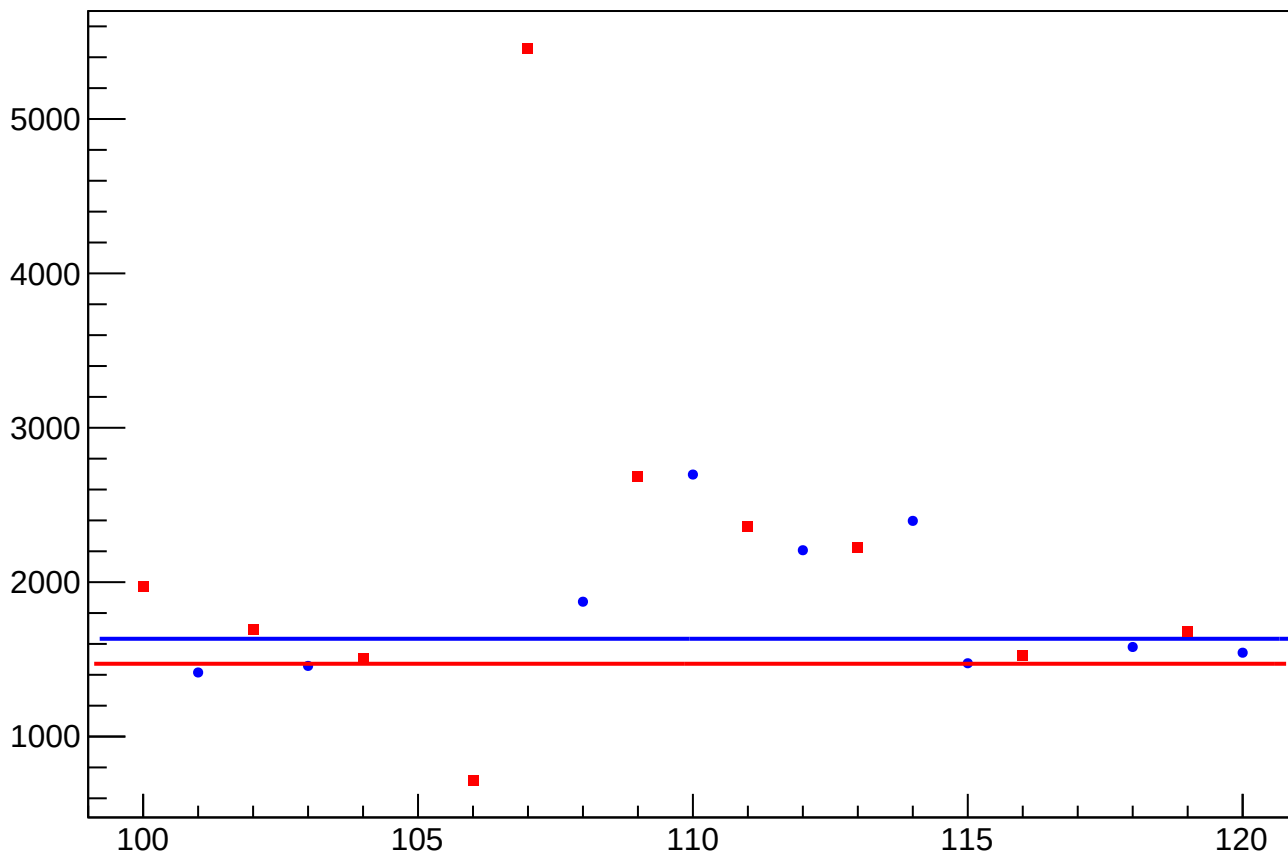
Right: -557.721+/-596.188 χ^2/NDF : 21.6/18

In: 147.312+/-870.099 χ^2/NDF :10.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -557.721+/-596.188 χ^2/NDF : 21.6/18

asym_us_avg_at1lr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1633.321+/-0.615 χ^2/NDF : 275646.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1471.454+/-0.579 χ^2/NDF : 1311796.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

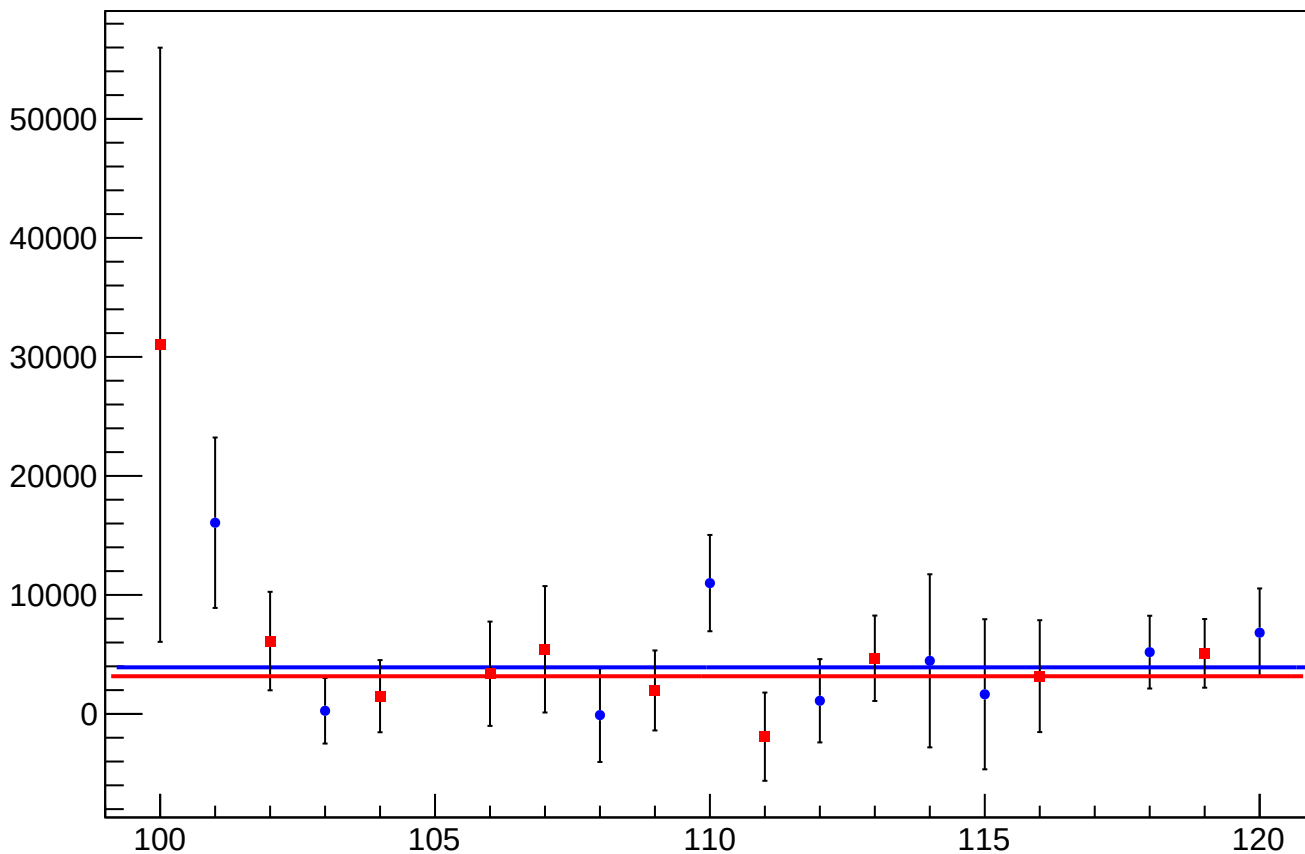
Right: 1547.449+/-0.422 χ^2/NDF : 1624162.7/18

In: 1633.321+/-0.615 χ^2/NDF : 275646.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1547.449+/-0.422 χ^2/NDF : 1624162.7/18

cor_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3915.424+/-1310.994 χ^2/NDF : 10.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3166.307+/-1230.308 χ^2/NDF : 4.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

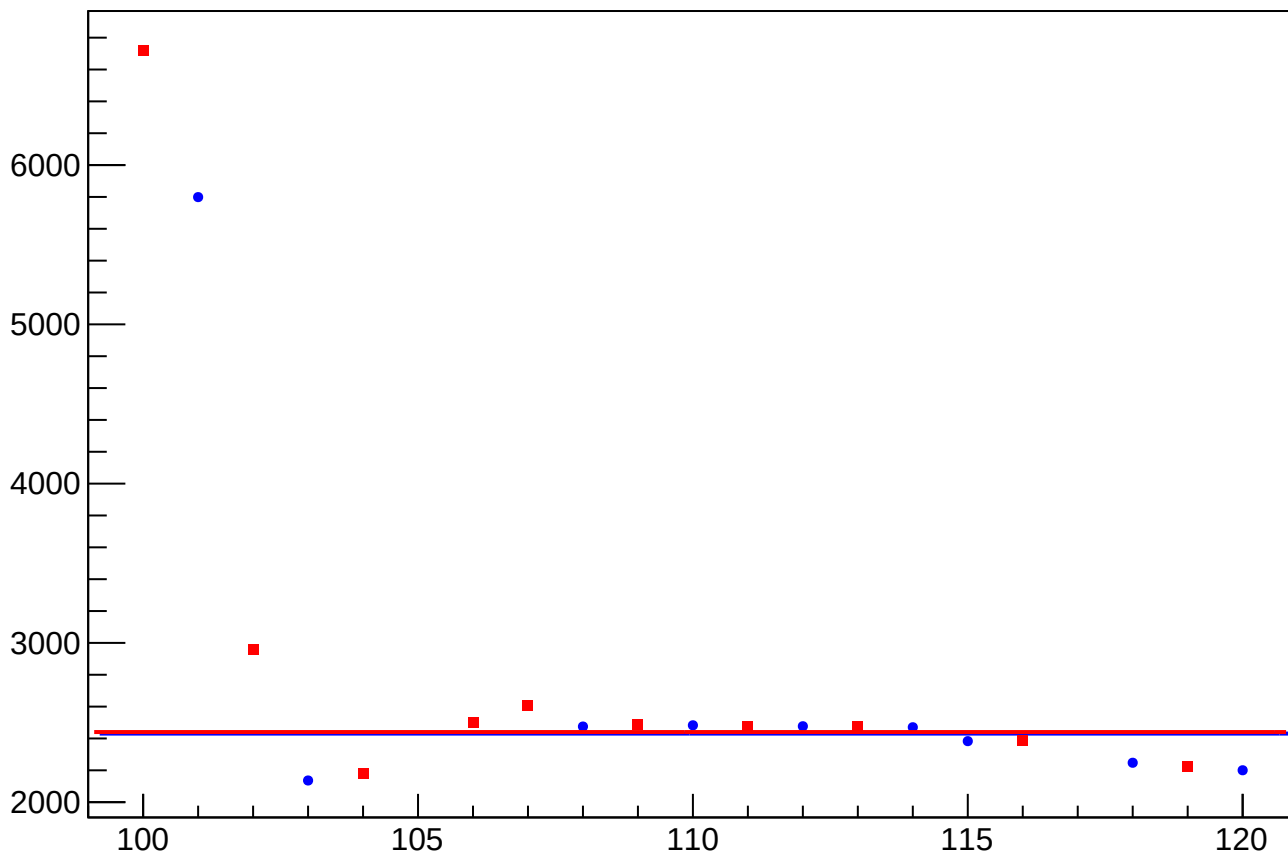
Right: 3517.105+/-897.128 χ^2/NDF : 15.3/18

In: 3915.424+/-1310.994 χ^2/NDF : 10.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3517.105+/-897.128 χ^2/NDF : 15.3/18

cor_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2430.614+/-0.927 χ^2/NDF : 481298.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2440.293+/-0.870 χ^2/NDF : 119153.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

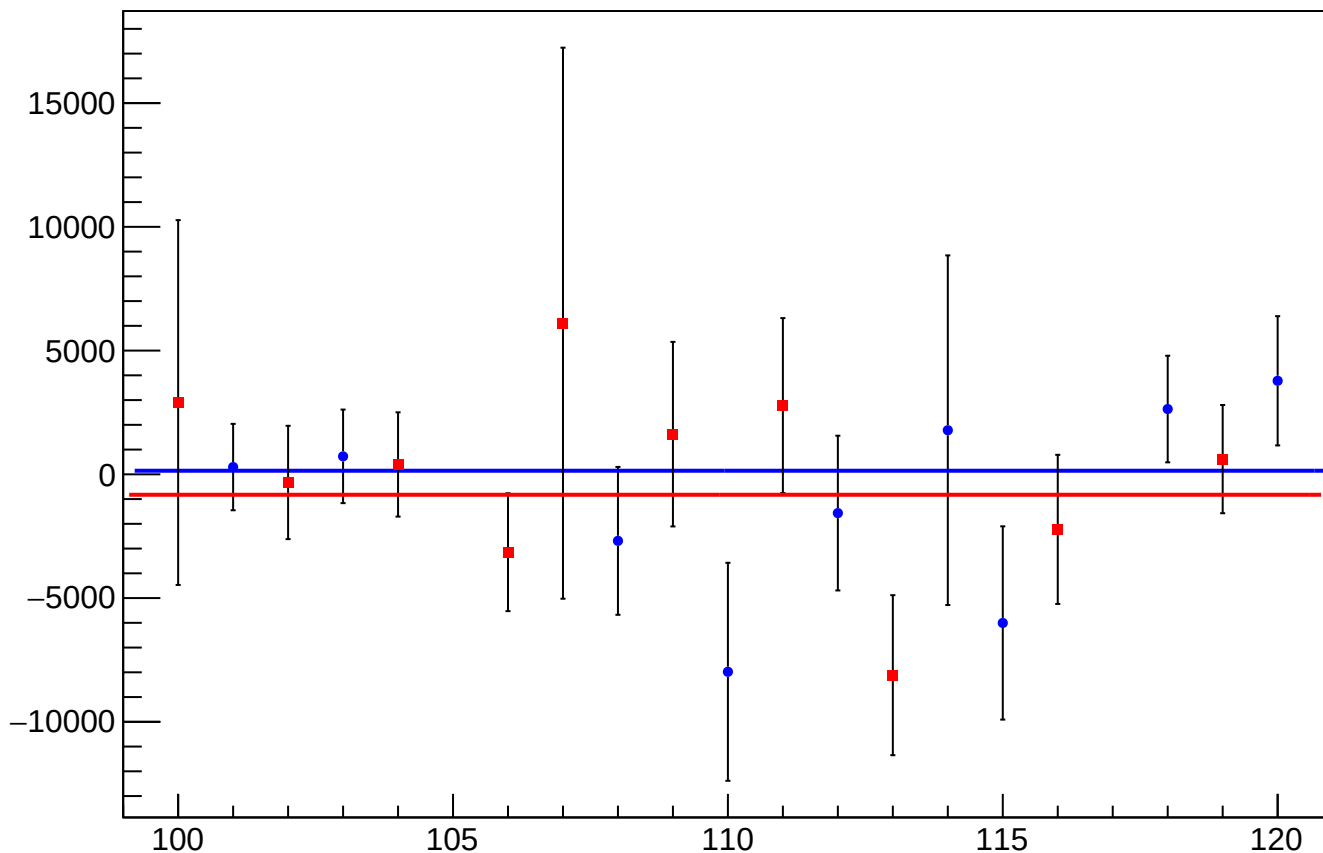
Right: 2435.760+/-0.634 χ^2/NDF : 600509.8/18

In: 2430.614+/-0.927 χ^2/NDF : 481298.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2435.760+/-0.634 χ^2/NDF : 600509.8/18

asym_us_avg_at1lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 145.139+/-869.800 χ^2/NDF : 10.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -825.518+/-918.329 χ^2/NDF : 9.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

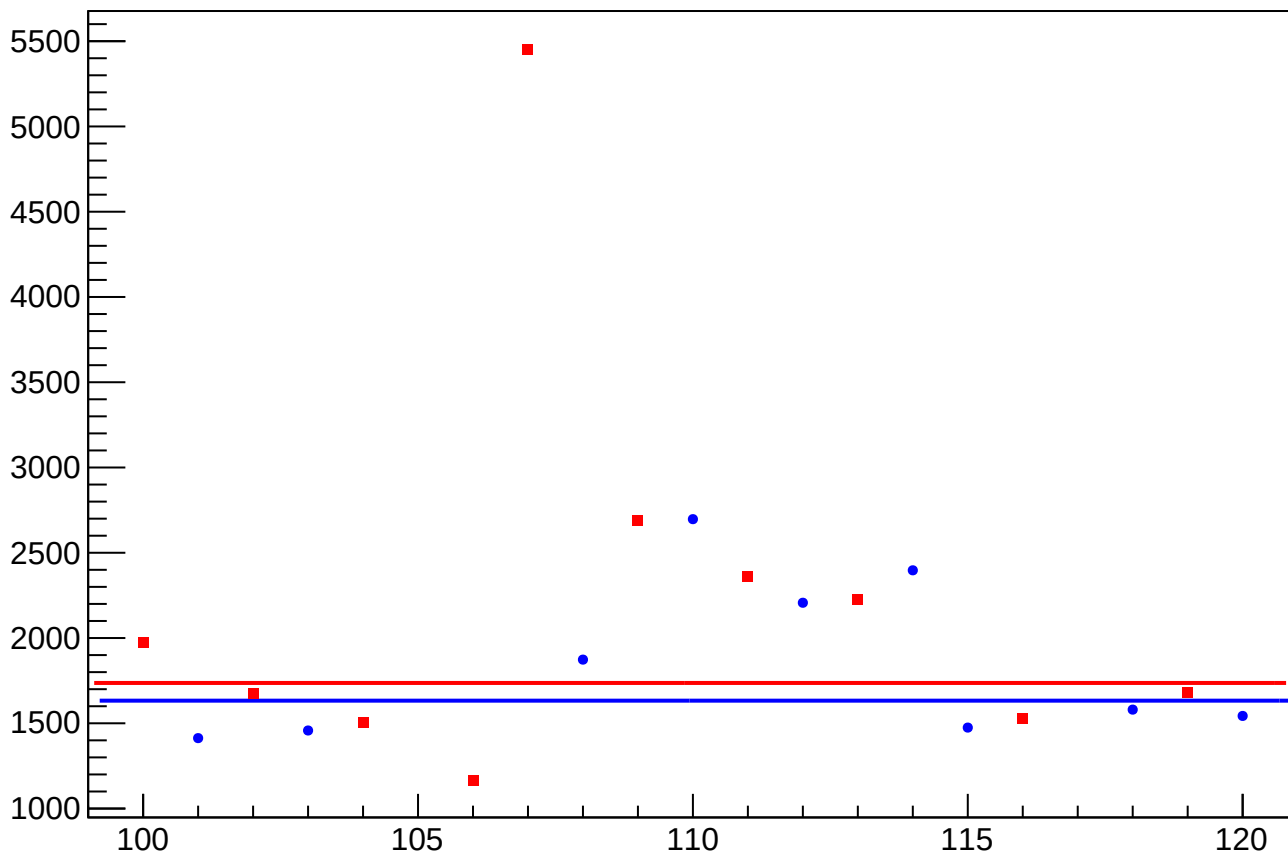
Right: -313.866+/-631.501 χ^2/NDF : 20.3/18

In: 145.139+/-869.800 χ^2/NDF :10.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -313.866+/-631.501 χ^2/NDF : 20.3/18

asym_us_avg_at1lr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1632.705+/-0.615 χ^2/NDF : 276281.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1736.529+/-0.649 χ^2/NDF : 615288.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

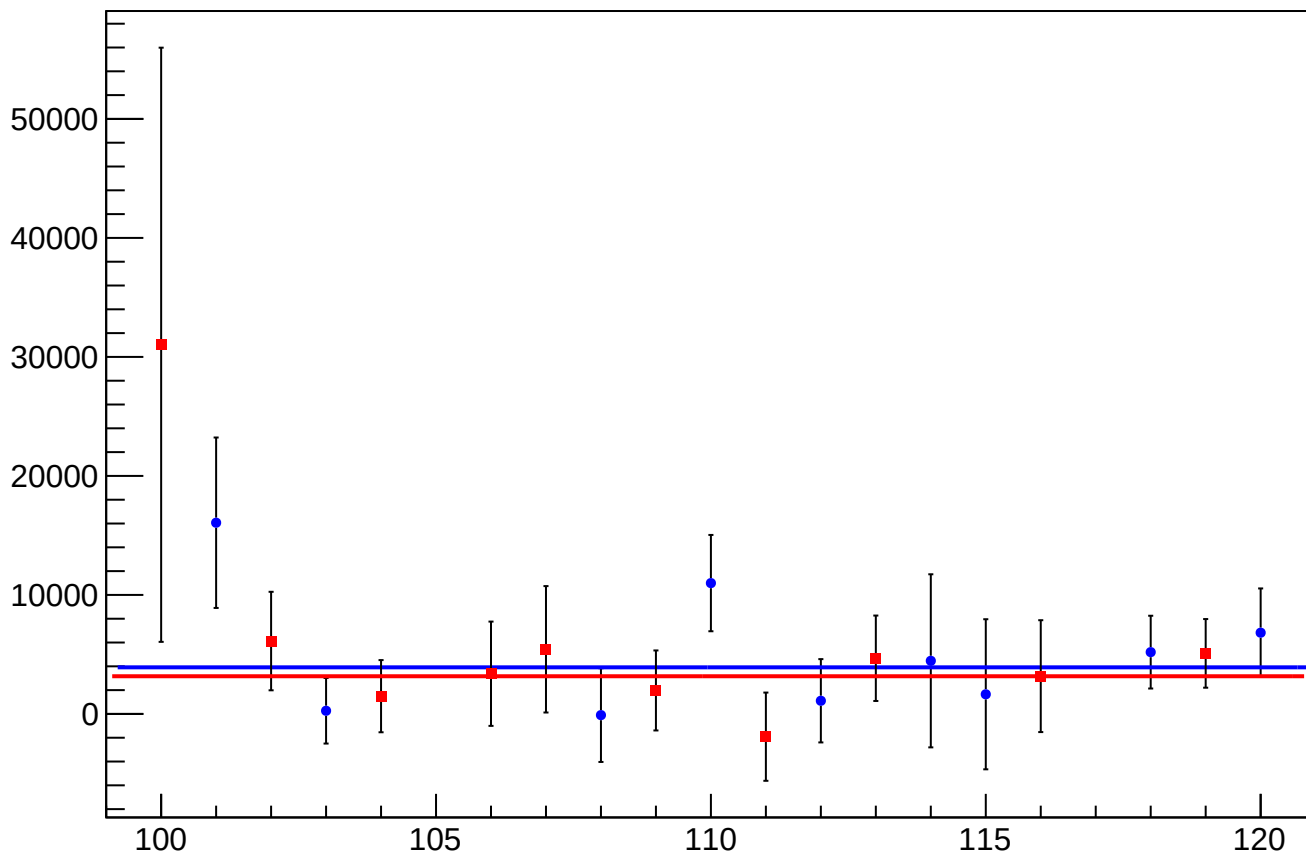
Right: 1681.801+/-0.447 χ^2/NDF : 905044.9/18

In: 1632.705+/-0.615 χ^2/NDF : 276281.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1681.801+/-0.447 χ^2/NDF : 905044.9/18

eigen_cor_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3915.424+/-1310.994 χ^2/NDF : 10.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3166.307+/-1230.308 χ^2/NDF : 4.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

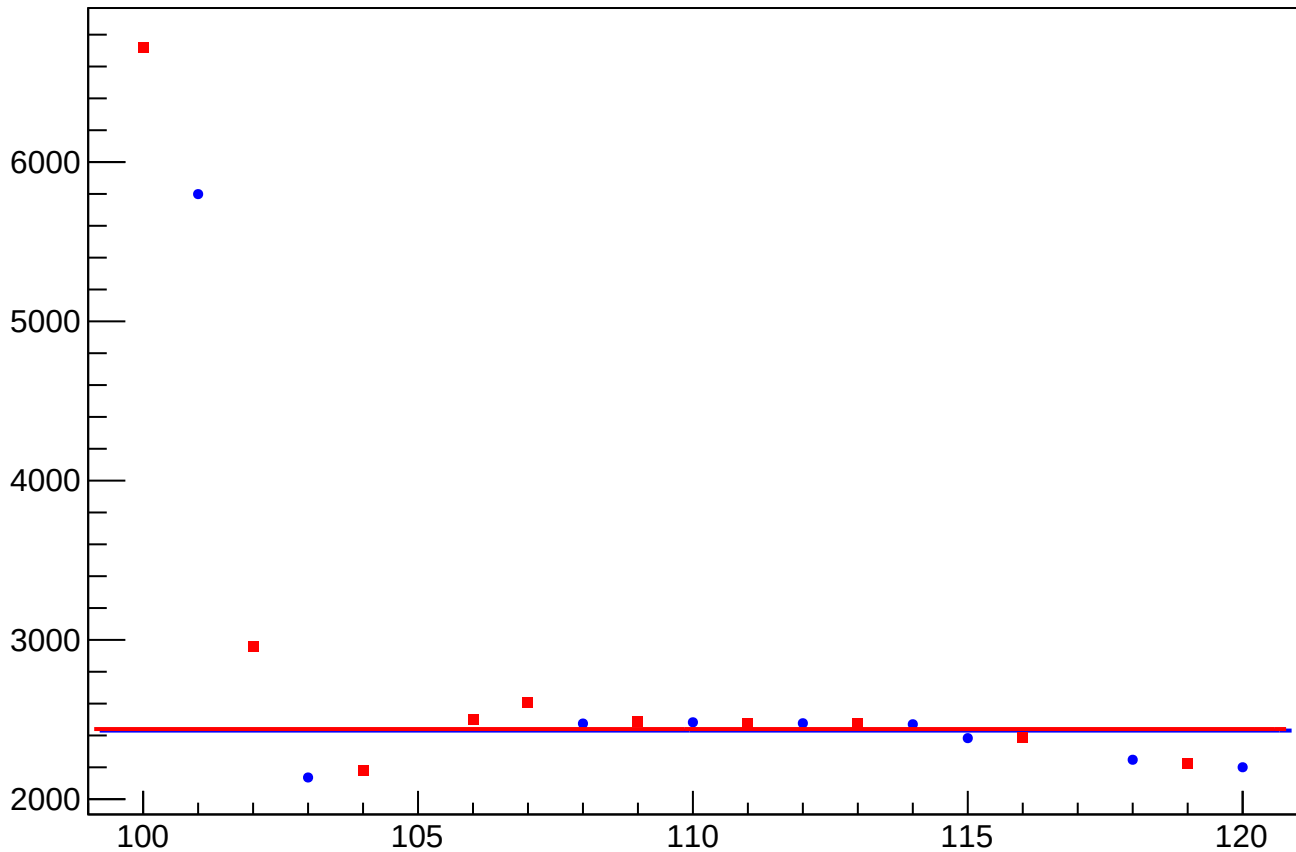
Right: 3517.105+/-897.128 χ^2/NDF : 15.3/18

In: 3915.424+/-1310.994 χ^2/NDF : 10.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3517.105+/-897.128 χ^2/NDF : 15.3/18

eigen_cor_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2430.614+/-0.927 χ^2/NDF : 481298.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2440.293+/-0.870 χ^2/NDF : 119153.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

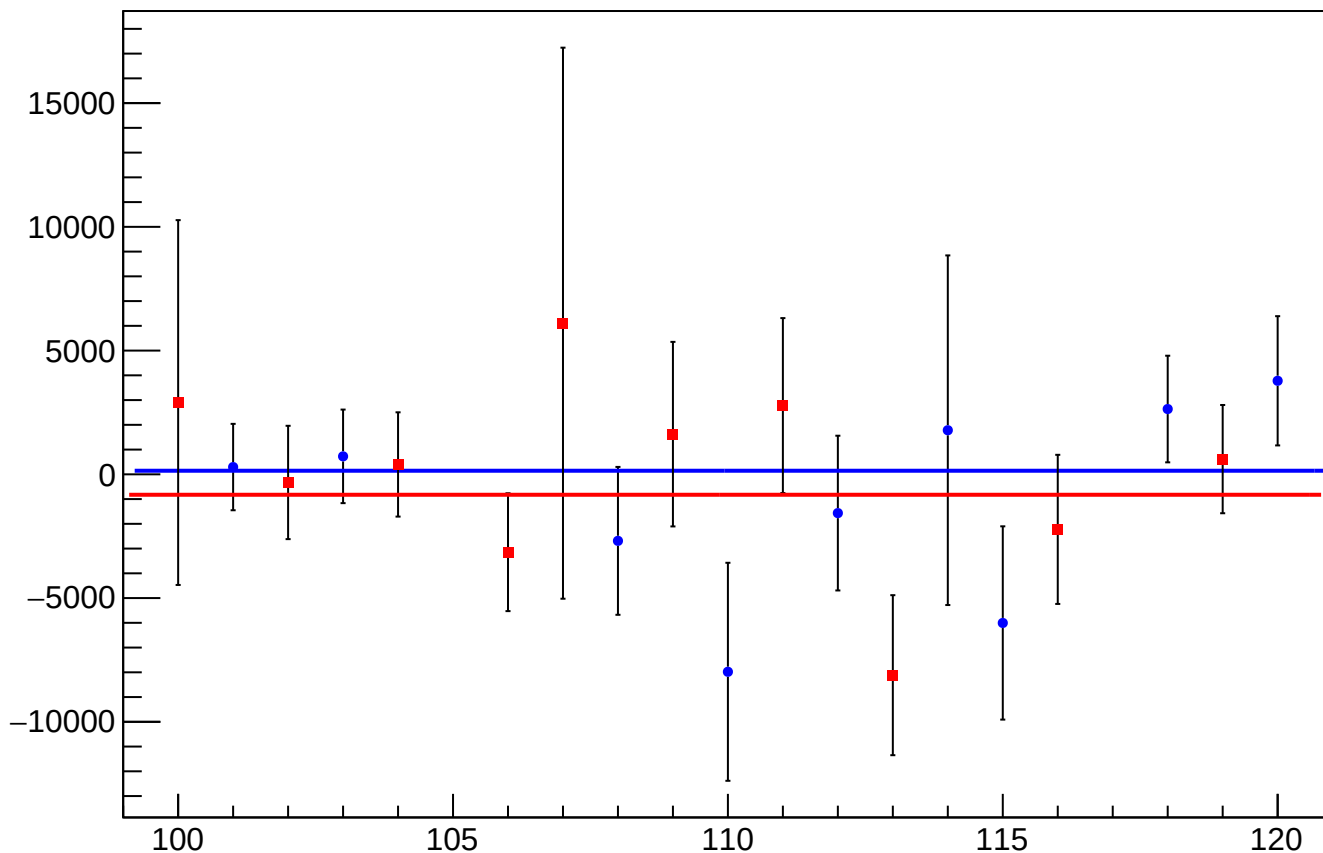
Right: 2435.760+/-0.634 χ^2/NDF : 600509.8/18

In: 2430.614+/-0.927 χ^2/NDF : 481298.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2435.760+/-0.634 χ^2/NDF : 600509.8/18

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 145.139+/-869.800 χ^2/NDF : 10.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -825.518+/-918.329 χ^2/NDF : 9.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

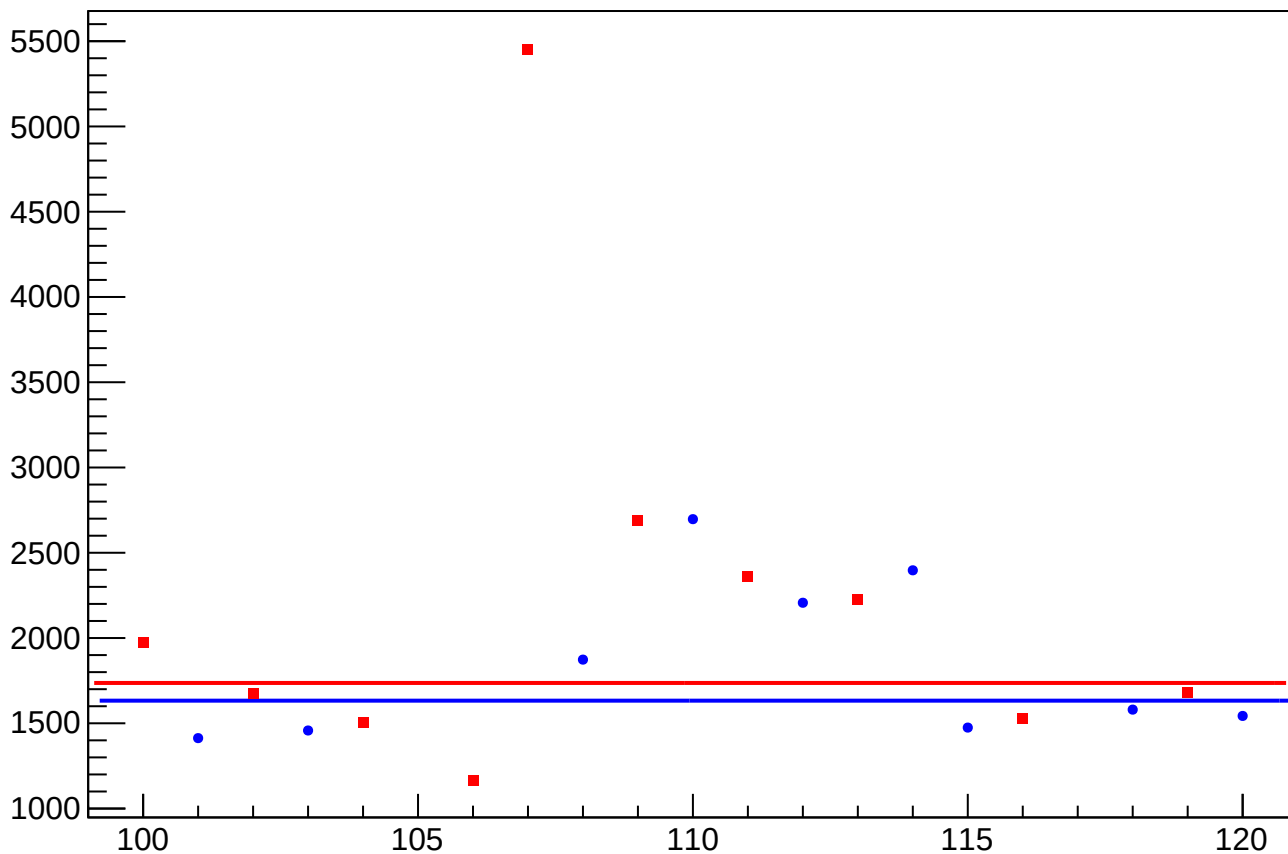
Right: -313.866+/-631.501 χ^2/NDF : 20.3/18

In: 145.139+/-869.800 χ^2/NDF :10.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -313.866+/-631.501 χ^2/NDF : 20.3/18

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1632.705+/-0.615 χ^2/NDF : 276281.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1736.529+/-0.649 χ^2/NDF : 615288.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

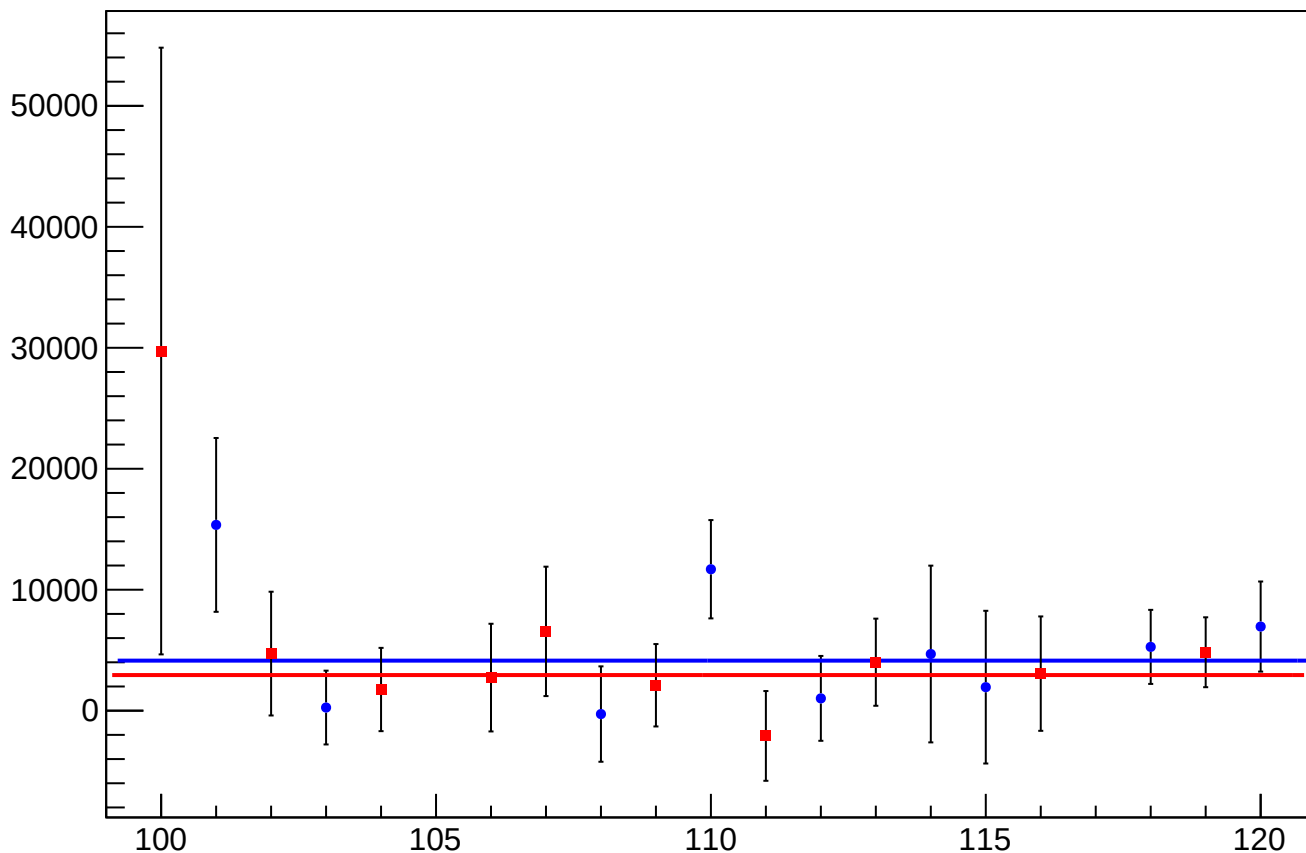
Right: 1681.801+/-0.447 χ^2/NDF : 905044.9/18

In: 1632.705+/-0.615 χ^2/NDF : 276281.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1681.801+/-0.447 χ^2/NDF : 905044.9/18

dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4137.648+/-1341.556 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2945.212+/-1280.258 χ^2/NDF : 4.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

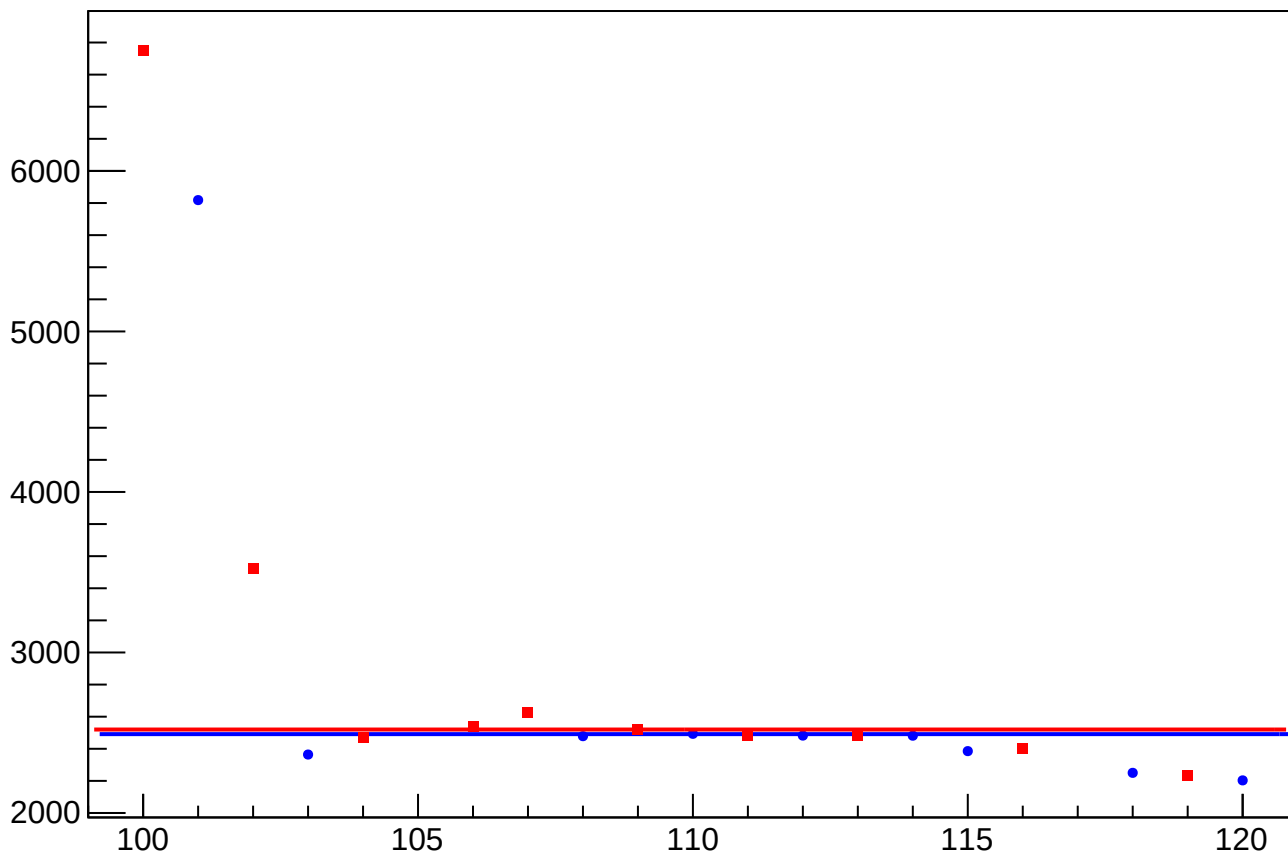
Right: 3513.566+/-926.192 χ^2/NDF : 15.1/18

In: 4137.648+/-1341.556 χ^2/NDF : 10.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3513.566+/-926.192 χ^2/NDF : 15.1/18

dit_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2491.280+/-0.949 χ^2/NDF : 457242.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2519.992+/-0.905 χ^2/NDF : 156406.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

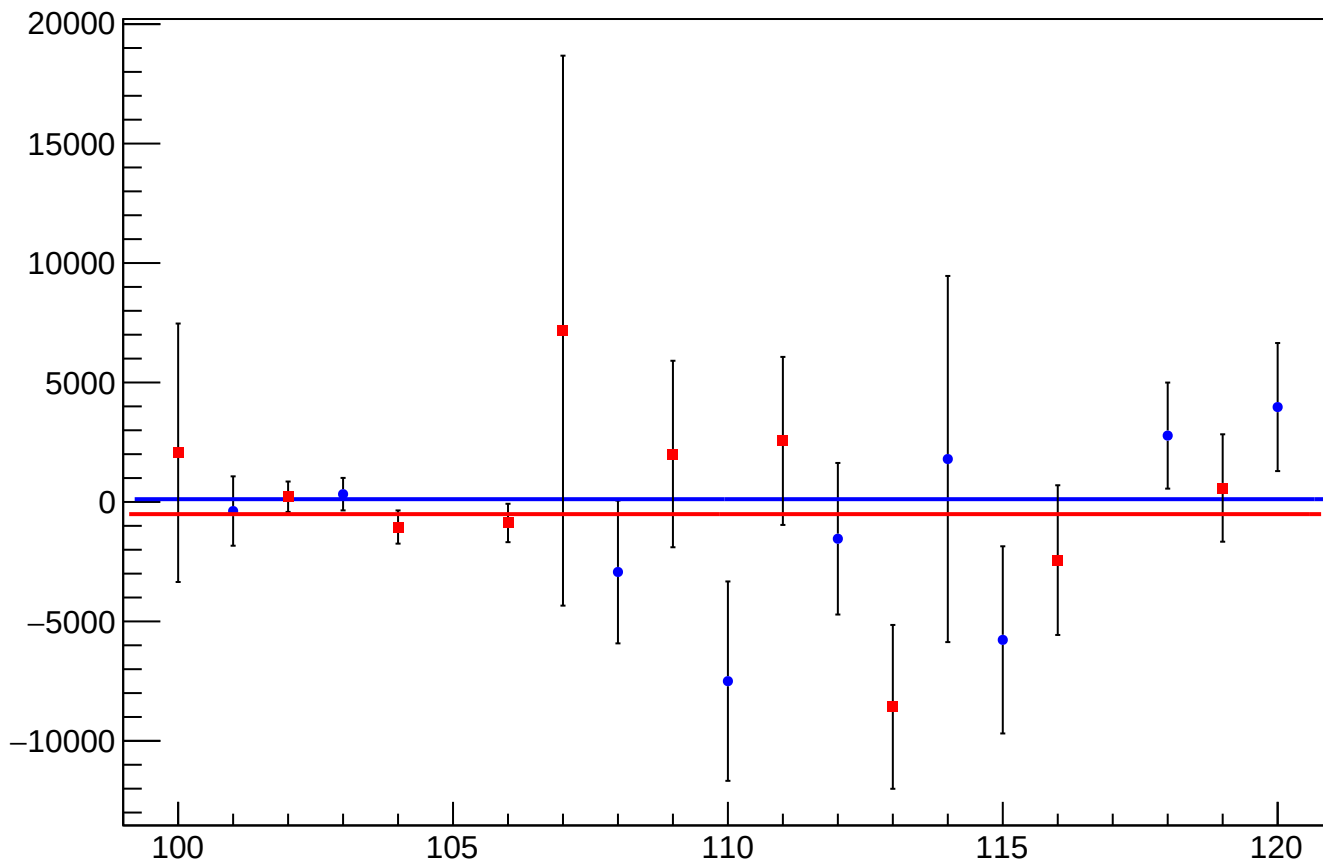
Right: 2506.307+/-0.655 χ^2/NDF : 614127.7/18

In: 2491.280+/-0.949 χ^2/NDF : 457242.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2506.307+/-0.655 χ^2/NDF : 614127.7/18

asym_us_avg_at1lr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 115.914+/-547.662 χ^2/NDF : 10.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -509.542+/-387.349 χ^2/NDF : 10.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

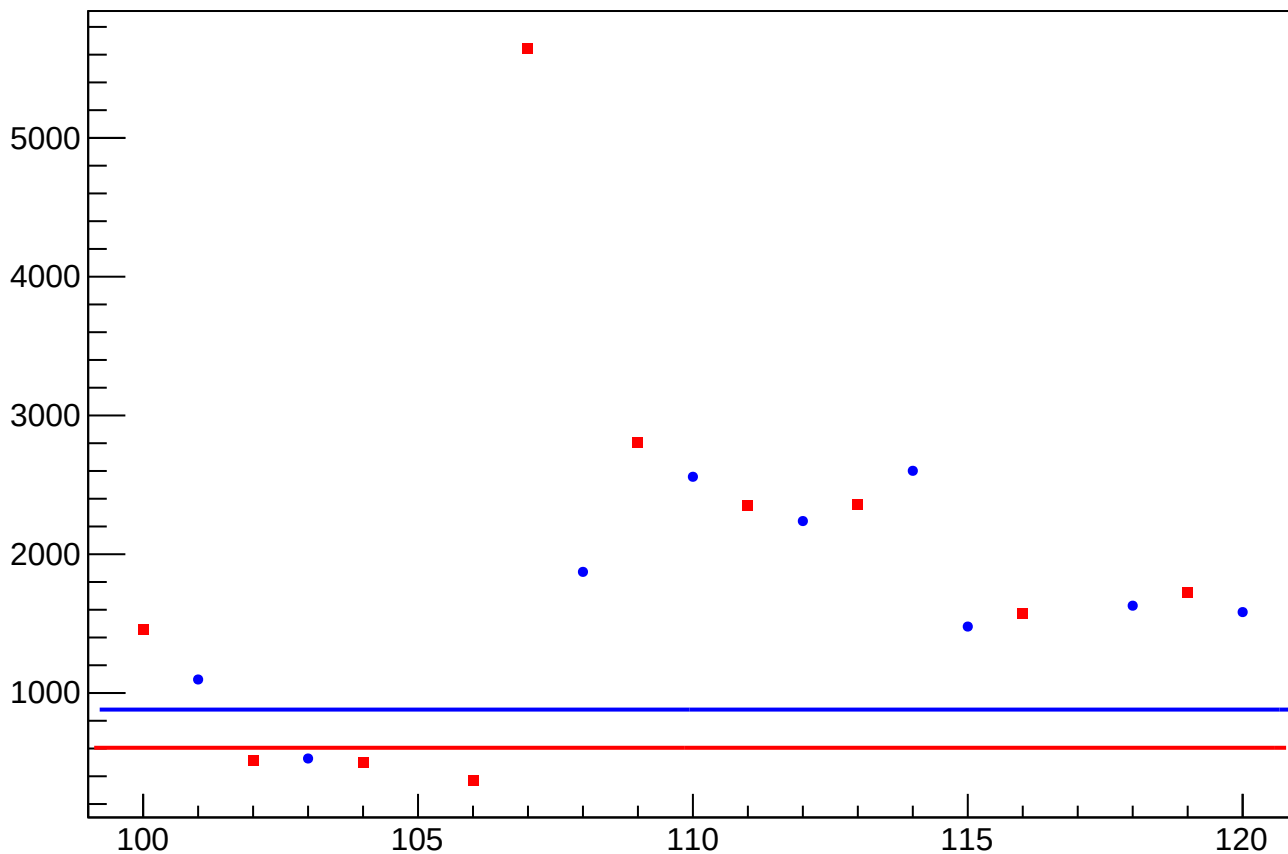
Right: -300.989+/-316.244 χ^2/NDF : 21.7/18

In: 115.914+/-547.662 χ^2/NDF :10.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -300.989+/-316.244 χ^2/NDF : 21.7/18

asym_us_avg_at1lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 880.567+/-0.387 χ^2/NDF : 2006127.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 605.375+/-0.274 χ^2/NDF : 3033610.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

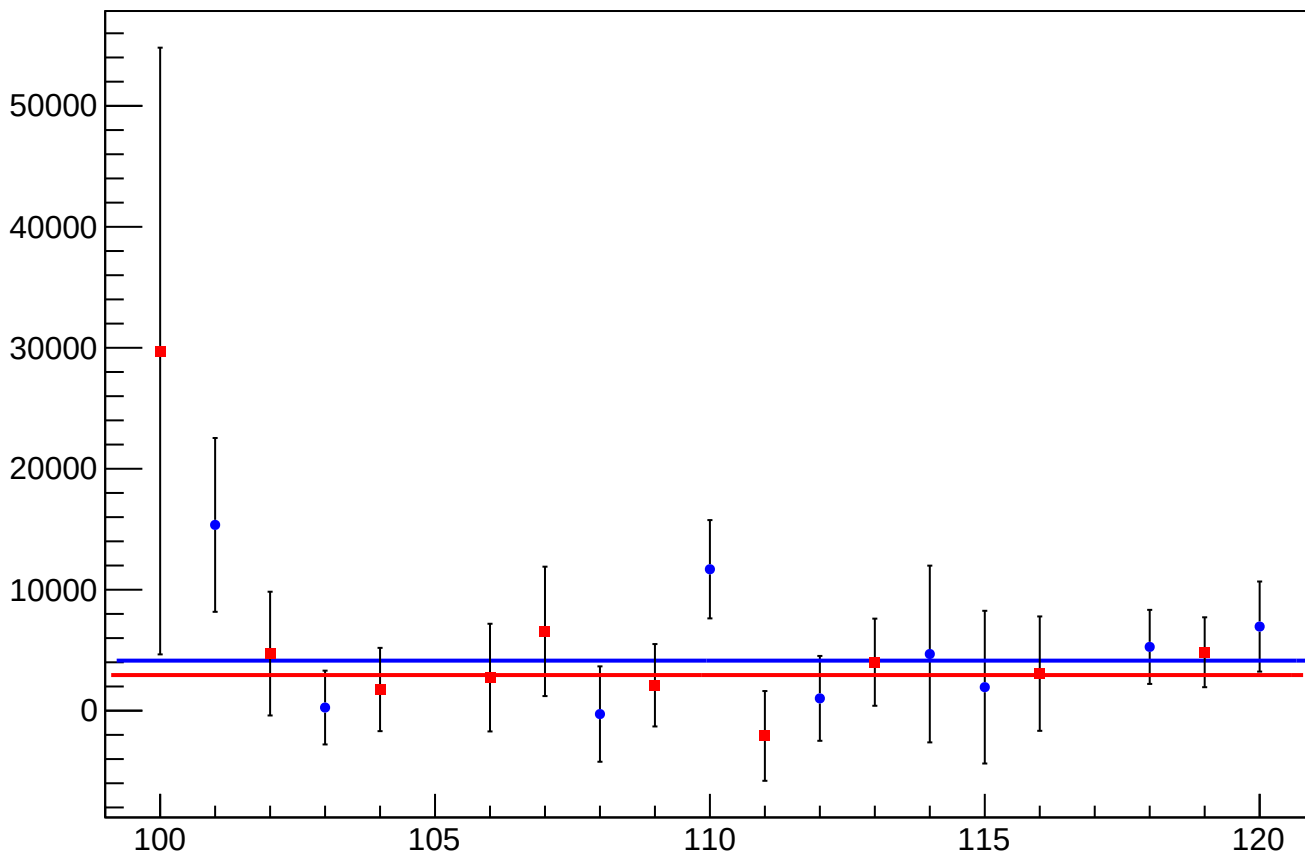
Right: 697.135+/-0.224 χ^2/NDF : 5376337.8/18

In: 880.567+/-0.387 χ^2/NDF : 2006127.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 697.135+/-0.224 χ^2/NDF : 5376337.8/18

eigen_dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4137.642+/-1341.556 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2945.209+/-1280.258 χ^2/NDF : 4.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

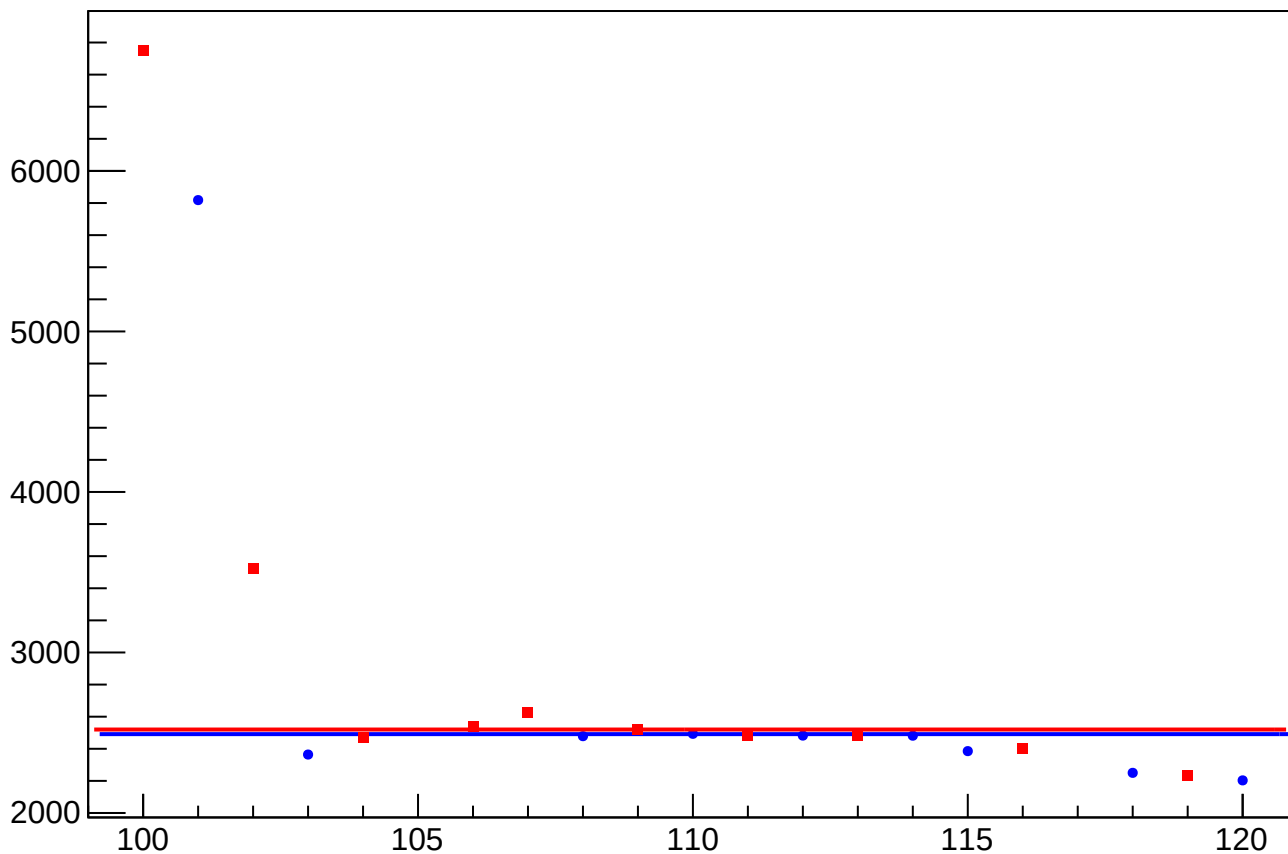
Right: 3513.562+/-926.191 χ^2/NDF : 15.1/18

In: 4137.642+/-1341.556 χ^2/NDF :10.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3513.562+/-926.191 χ^2/NDF : 15.1/18

eigen_dit_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2491.279+/-0.949 χ^2/NDF : 457242.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2519.991+/-0.905 χ^2/NDF : 156405.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

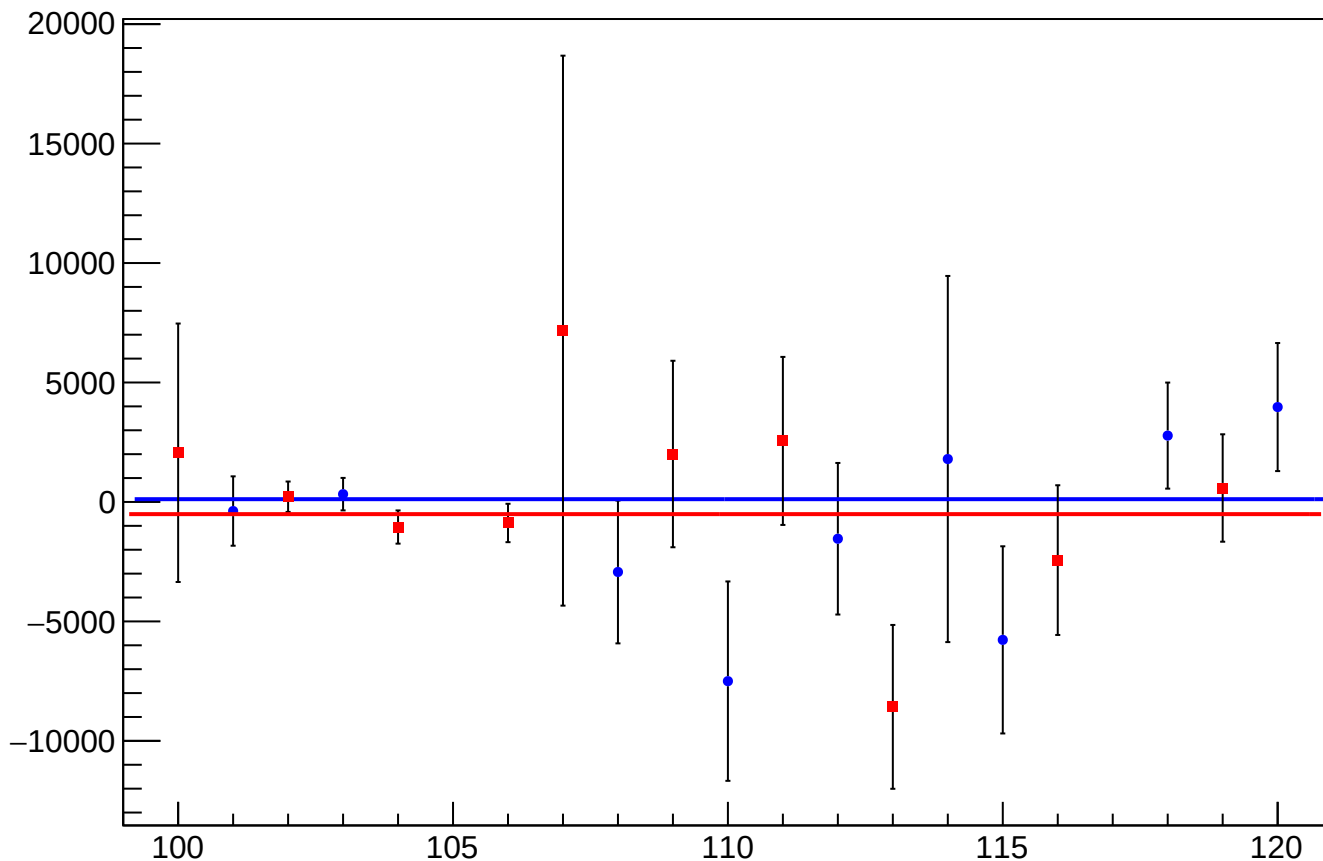
Right: 2506.306+/-0.655 χ^2/NDF : 614127.3/18

In: 2491.279+/-0.949 χ^2/NDF : 457242.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2506.306+/-0.655 χ^2/NDF : 614127.3/18

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 115.908+/-547.666 χ^2/NDF : 10.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -509.548+/-387.355 χ^2/NDF : 10.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

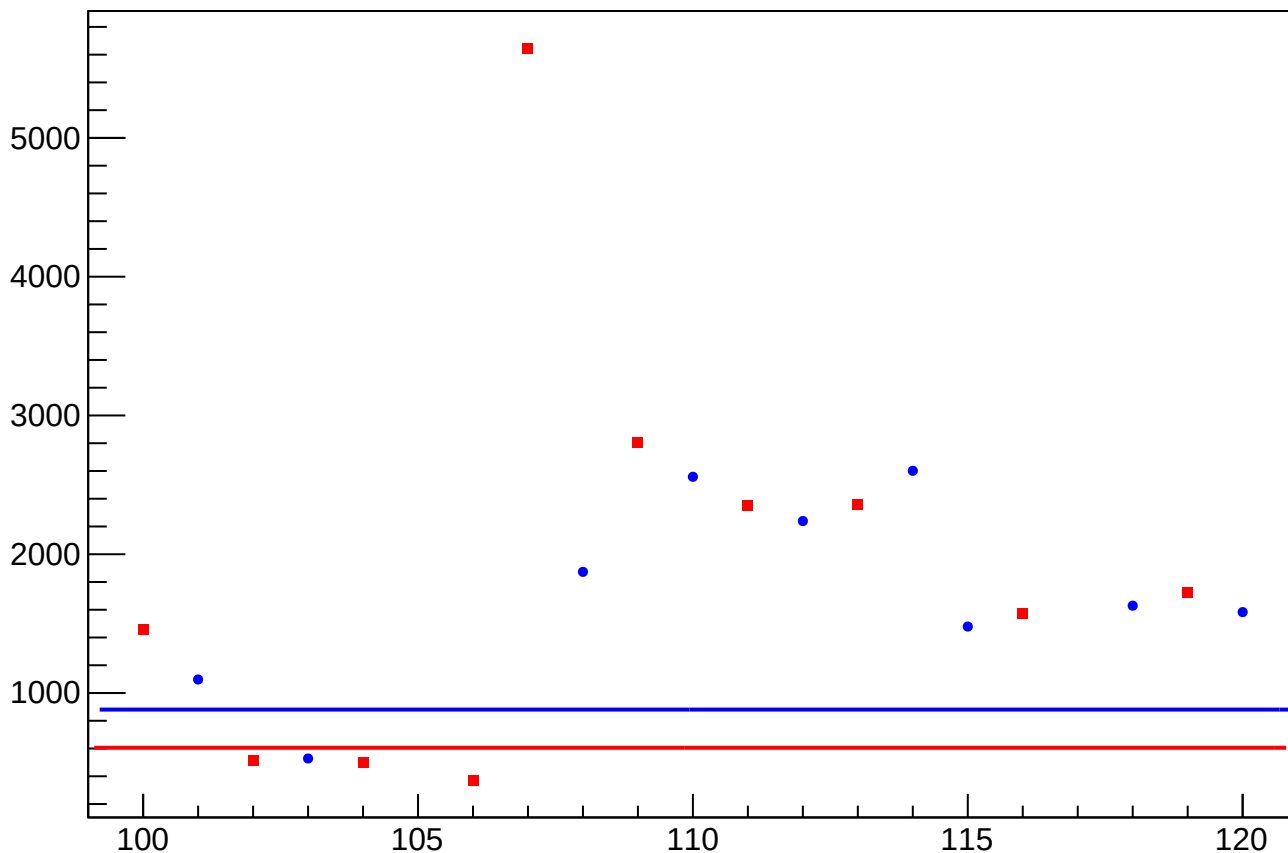
Right: -300.994+/-316.248 χ^2/NDF : 21.7/18

In: 115.908+/-547.666 χ^2/NDF :10.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -300.994+/-316.248 χ^2/NDF : 21.7/18

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 880.576+/-0.387 χ^2/NDF : 2006090.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 605.388+/-0.274 χ^2/NDF : 3033558.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

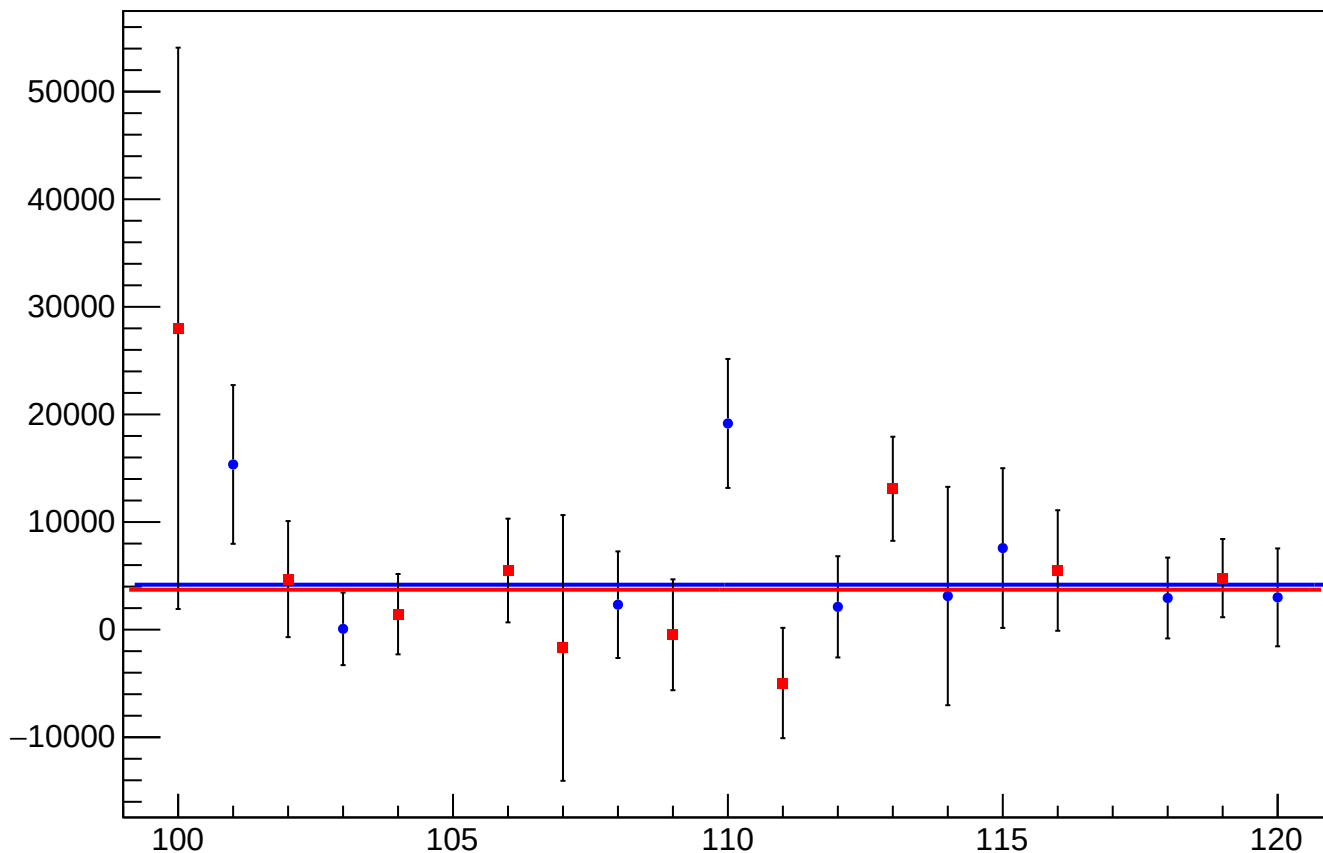
Right: 697.148+/-0.224 χ^2/NDF : 5376235.1/18

In: 880.576+/-0.387 χ^2/NDF : 2006090.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 697.148+/-0.224 χ^2/NDF : 5376235.1/18

asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4176.805+/-1650.088 χ^2/NDF : 10.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3709.600+/-1615.438 χ^2/NDF : 9.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

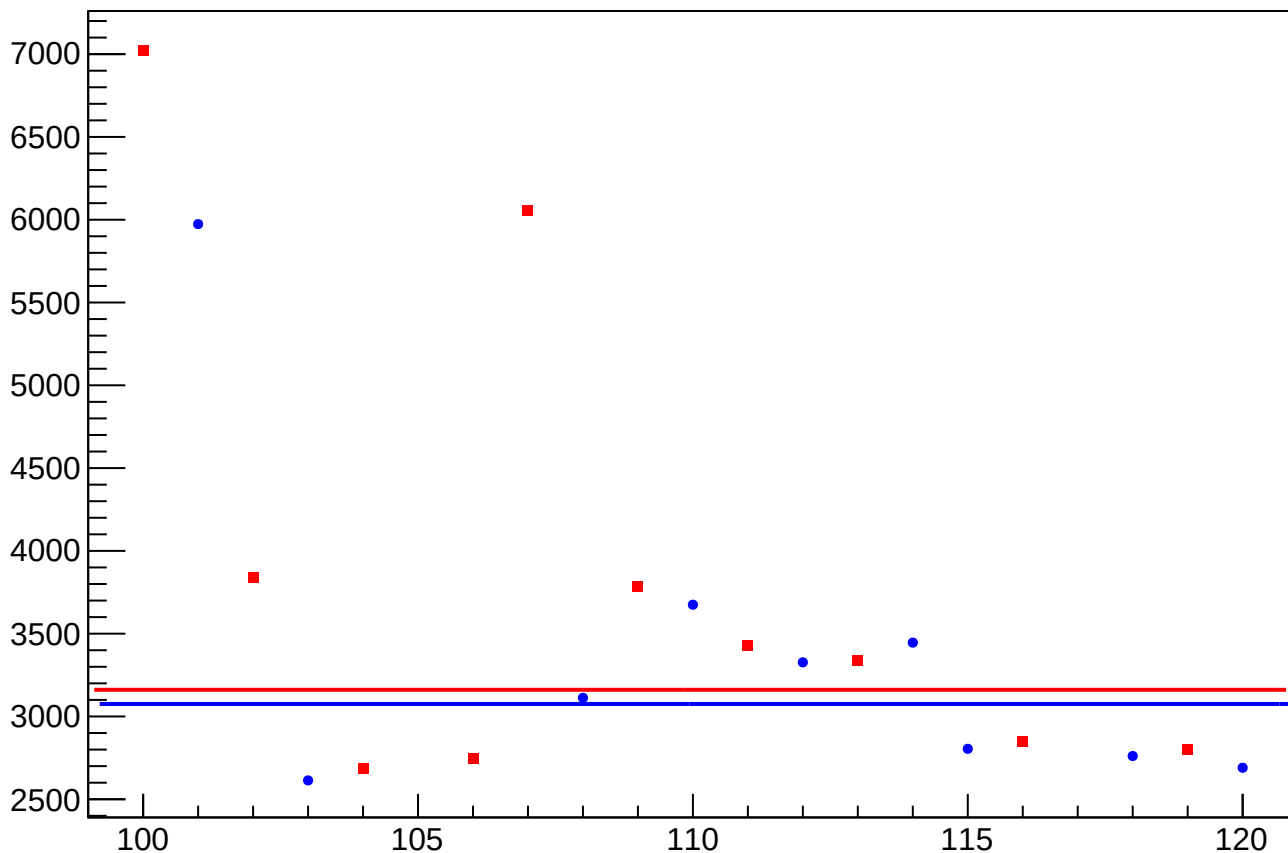
Right: 3938.245+/-1154.343 χ^2/NDF : 19.9/18

In: 4176.805+/-1650.088 χ^2/NDF :10.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3938.245+/-1154.343 χ^2/NDF : 19.9/18

asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3075.456+/-1.167 χ^2/NDF : 405774.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3161.123+/-1.142 χ^2/NDF : 294999.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

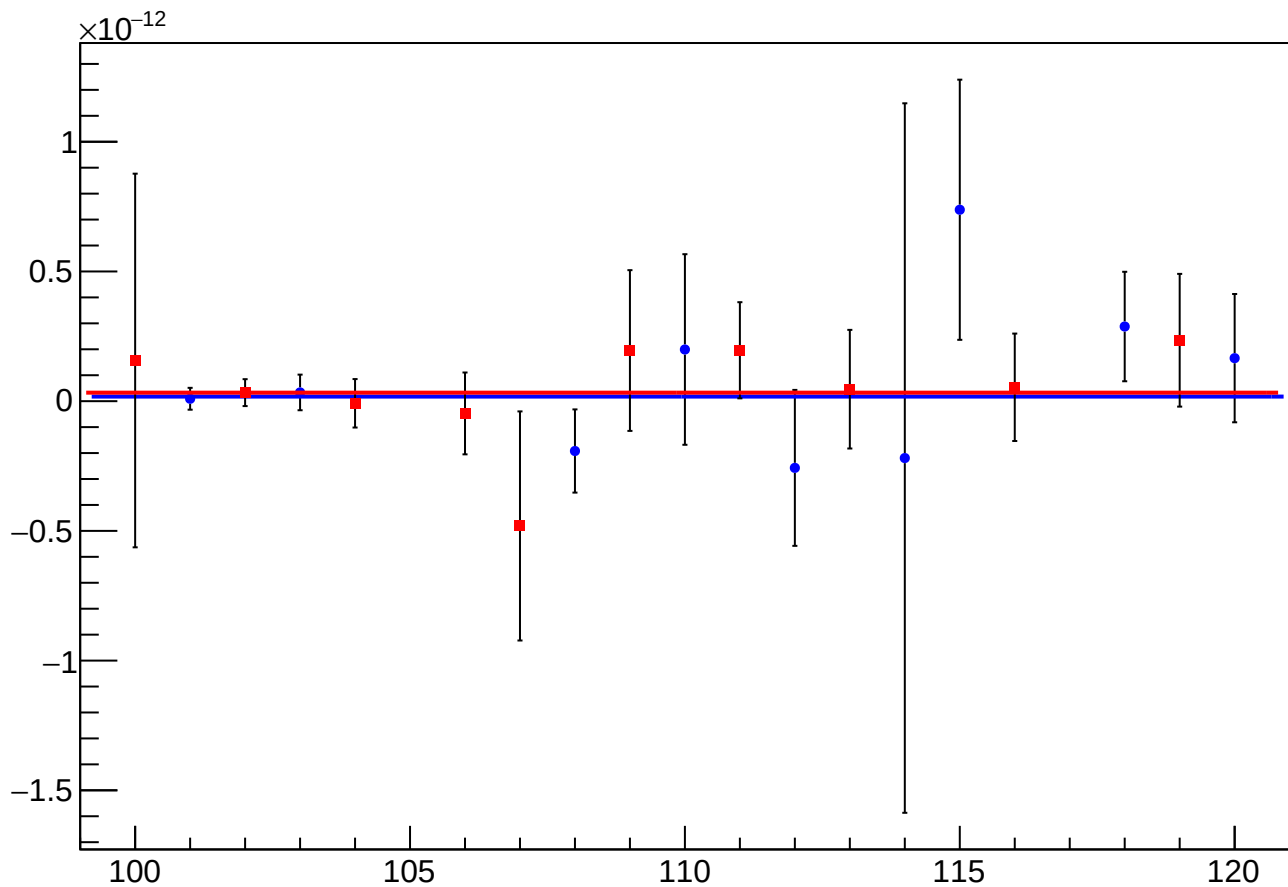
Right: 3119.199+/-0.816 χ^2/NDF : 703526.3/18

In: 3075.456+/-1.167 χ^2/NDF : 405774.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3119.199+/-0.816 χ^2/NDF : 703526.3/18

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

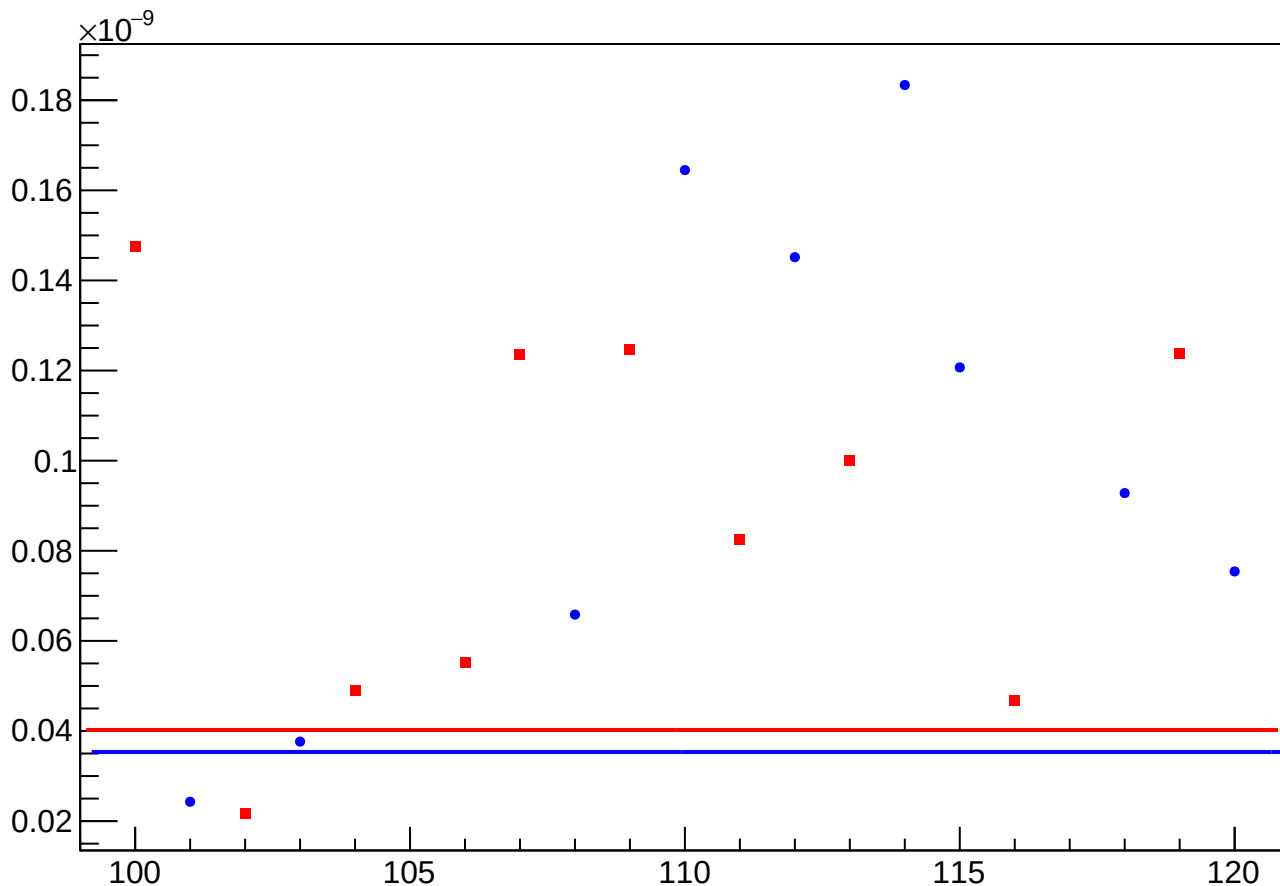
Right: 0.000+/-0.000 χ^2/NDF : 10.6/18

In: 0.000+/-0.000 χ^2/NDF : 7.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.6/18

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1008550.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1012170.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

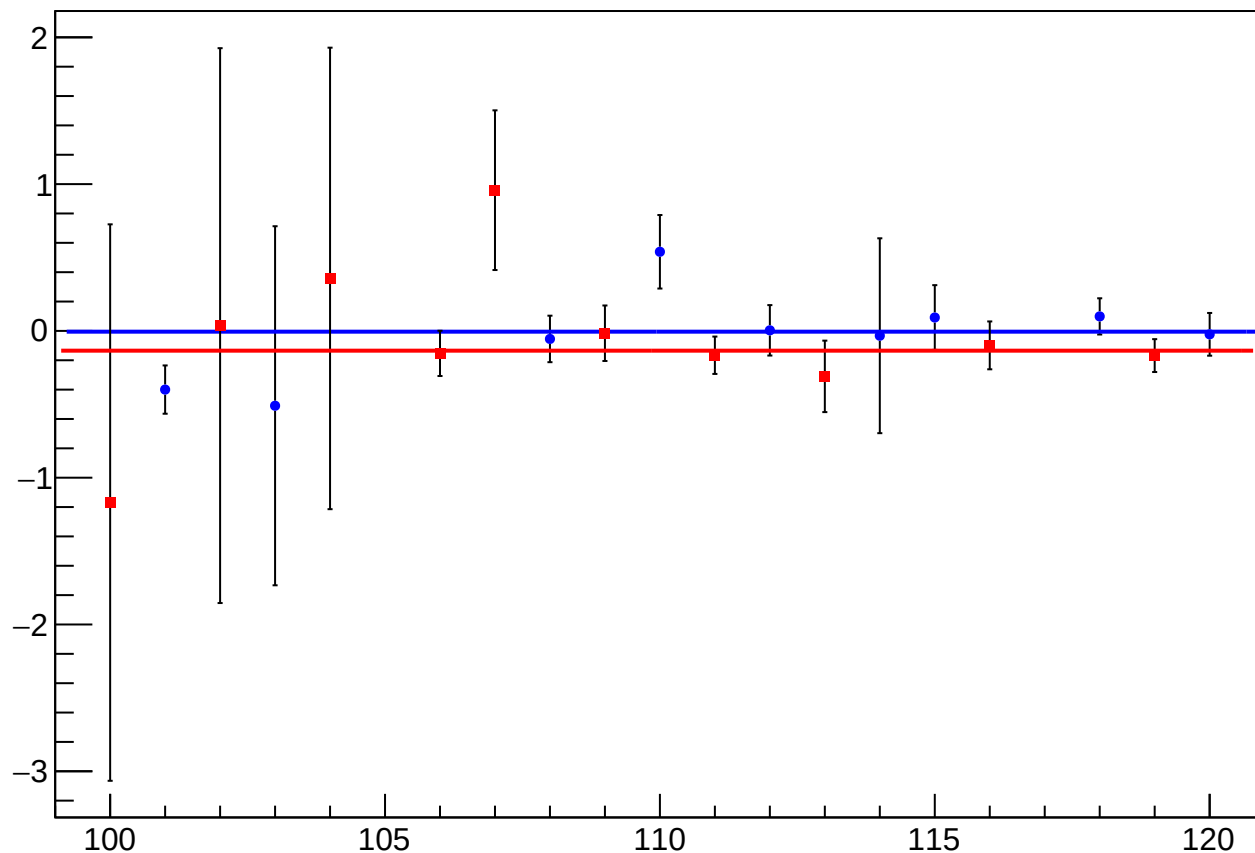
Right: 0.000+/-0.000 χ^2/NDF : 2038305.6/18

In: 0.000+/-0.000 χ^2/NDF : 1008550.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2038305.6/18

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005+/-0.062 χ^2/NDF : 11.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.135+/-0.061 χ^2/NDF : 5.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

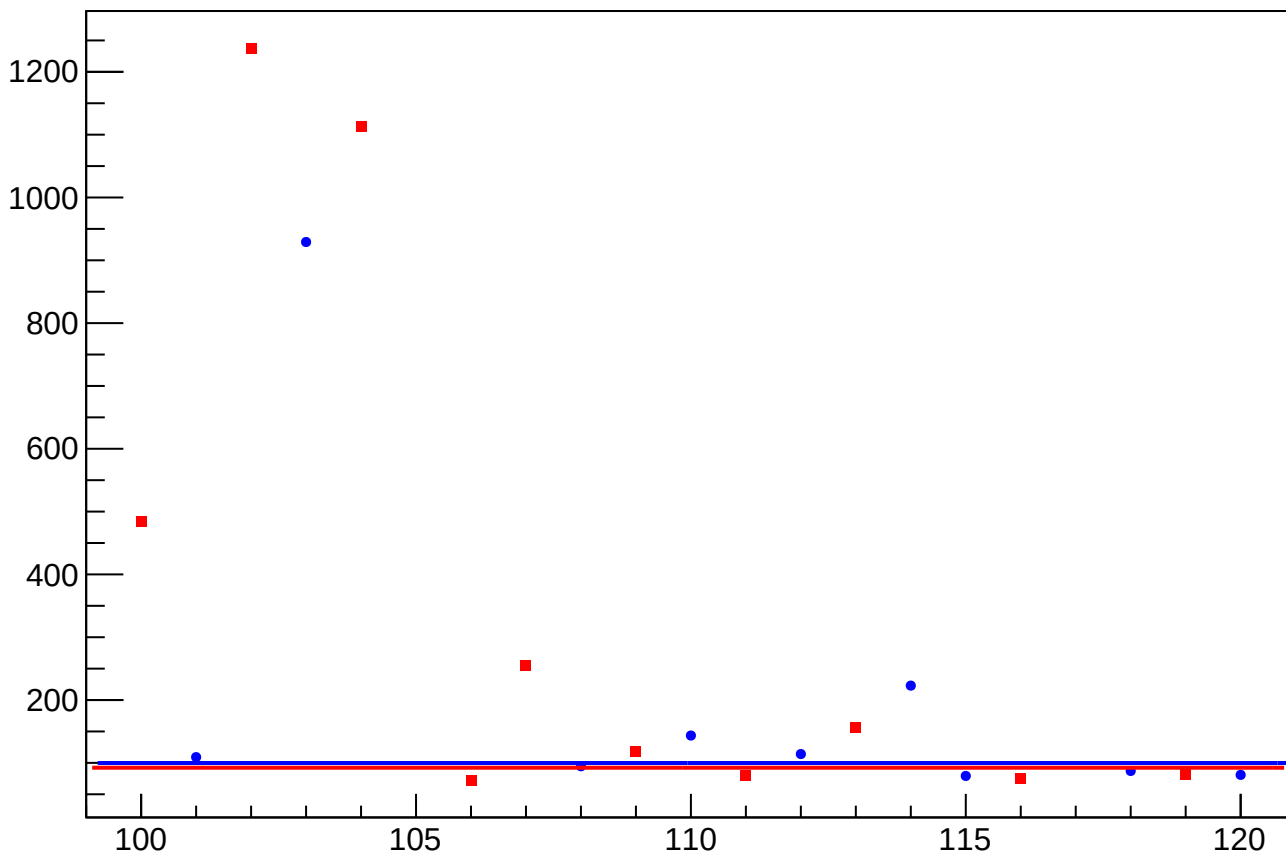
Right: -0.071+/-0.043 χ^2/NDF : 19.5/18

In: -0.005+/-0.062 χ^2/NDF :11.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.071+/-0.043 χ^2/NDF : 19.5/18

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 99.789+/-0.044 χ^2/NDF : 1144171.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.288+/-0.043 χ^2/NDF : 2119267.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

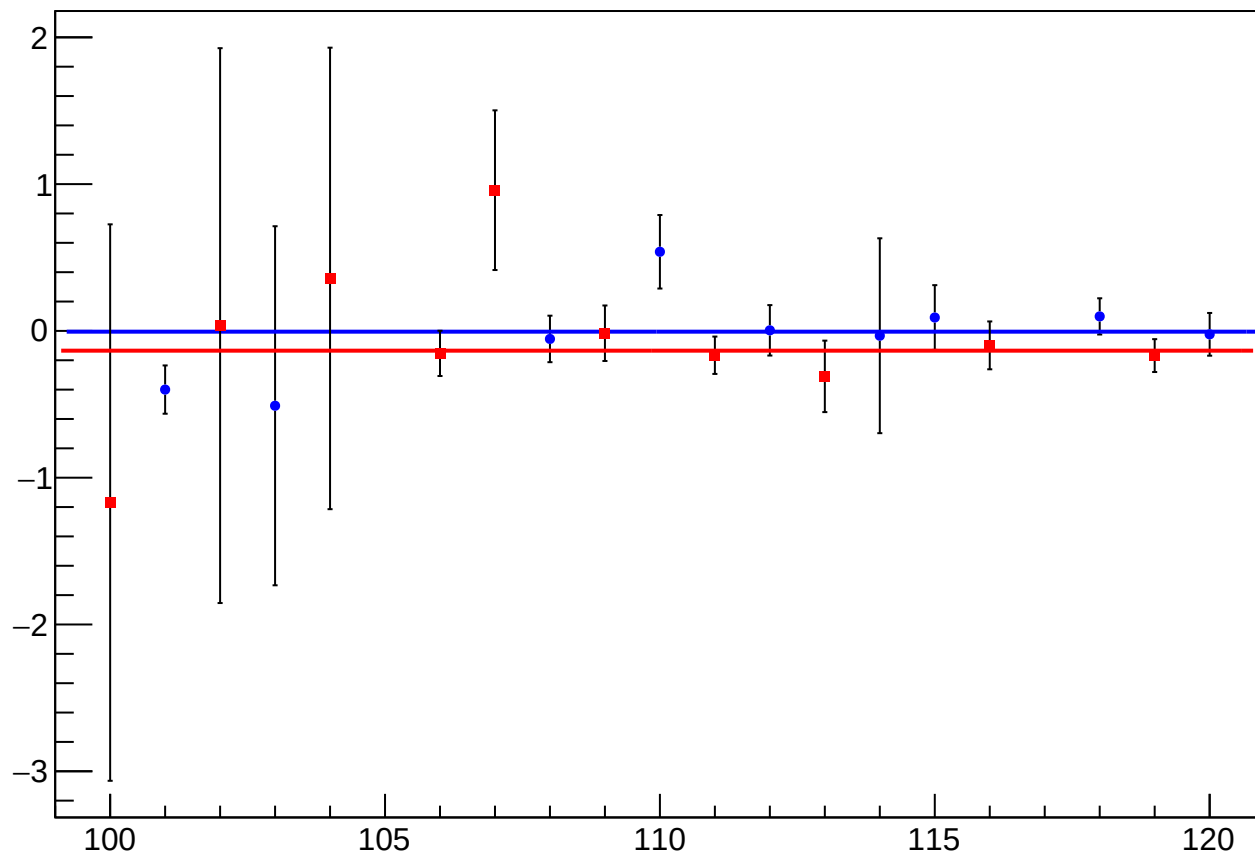
Right: 95.987+/-0.031 χ^2/NDF : 3278444.7/18

In: 99.789+/-0.044 χ^2/NDF : 1144171.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.987+/-0.031 χ^2/NDF : 3278444.7/18

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005+/-0.062 χ^2/NDF : 11.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.135+/-0.061 χ^2/NDF : 5.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

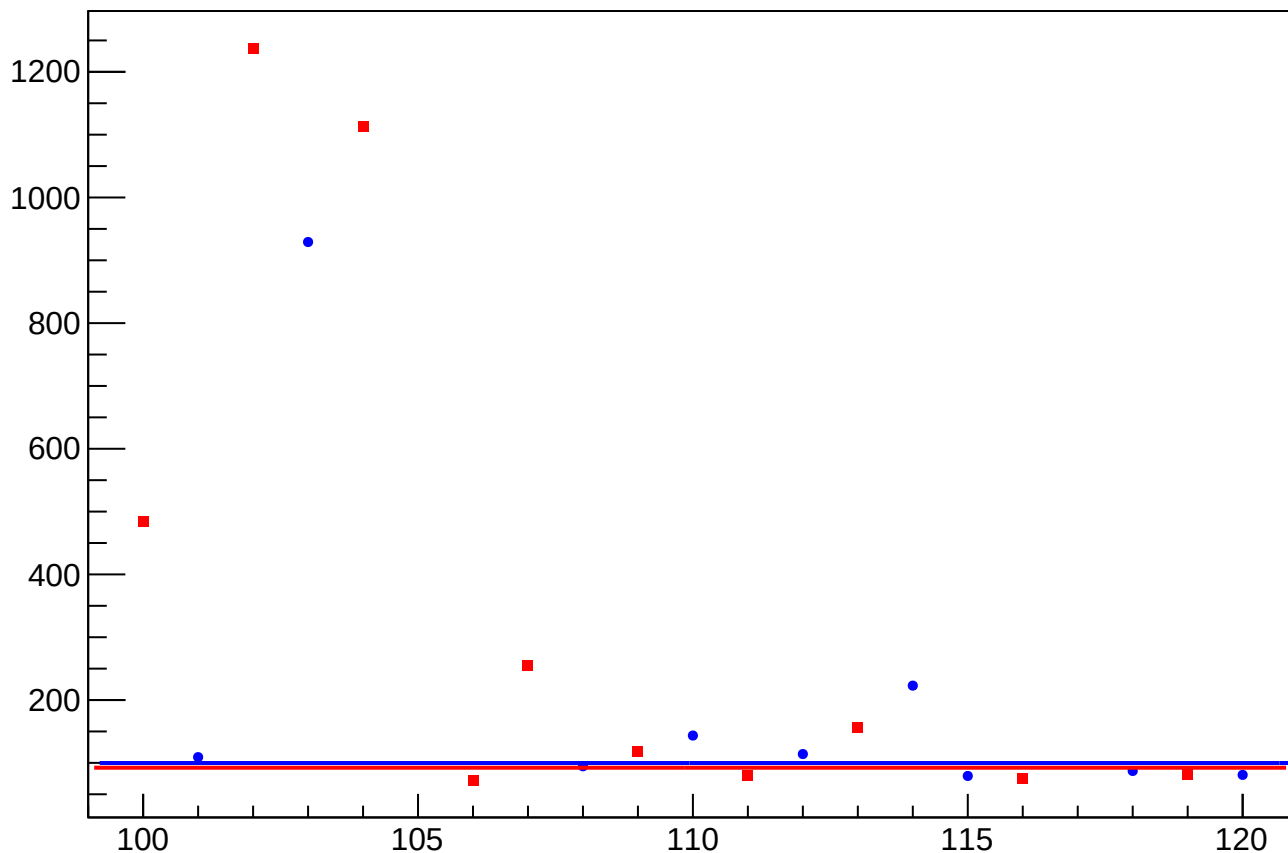
Right: -0.071+/-0.043 χ^2/NDF : 19.5/18

In: -0.005+/-0.062 χ^2/NDF :11.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.071+/-0.043 χ^2/NDF : 19.5/18

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 99.789+/-0.044 χ^2/NDF : 1144171.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.288+/-0.043 χ^2/NDF : 2119267.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

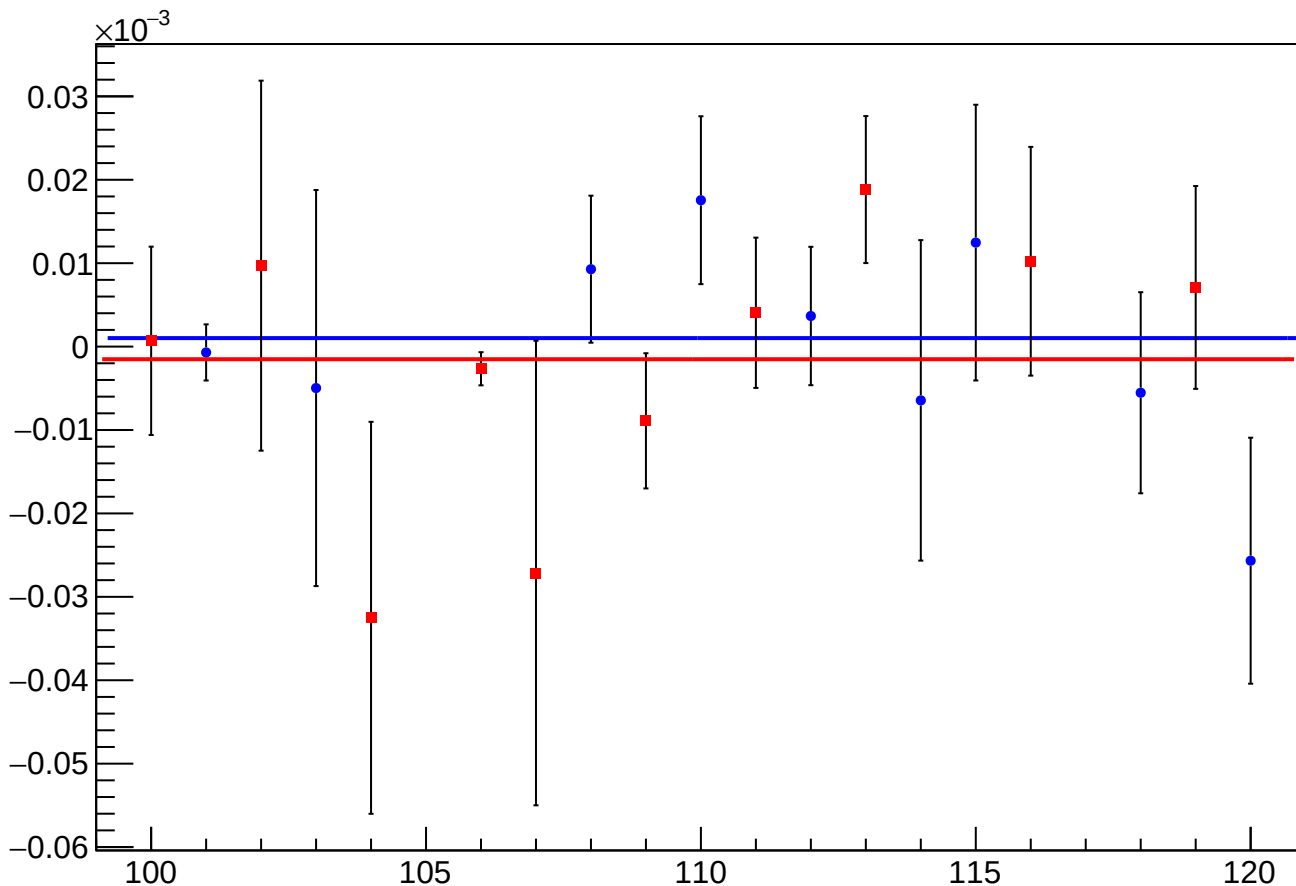
Right: 95.987+/-0.031 χ^2/NDF : 3278444.7/18

In: 99.789+/-0.044 χ^2/NDF : 1144171.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.987+/-0.031 χ^2/NDF : 3278444.7/18

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 : 8.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

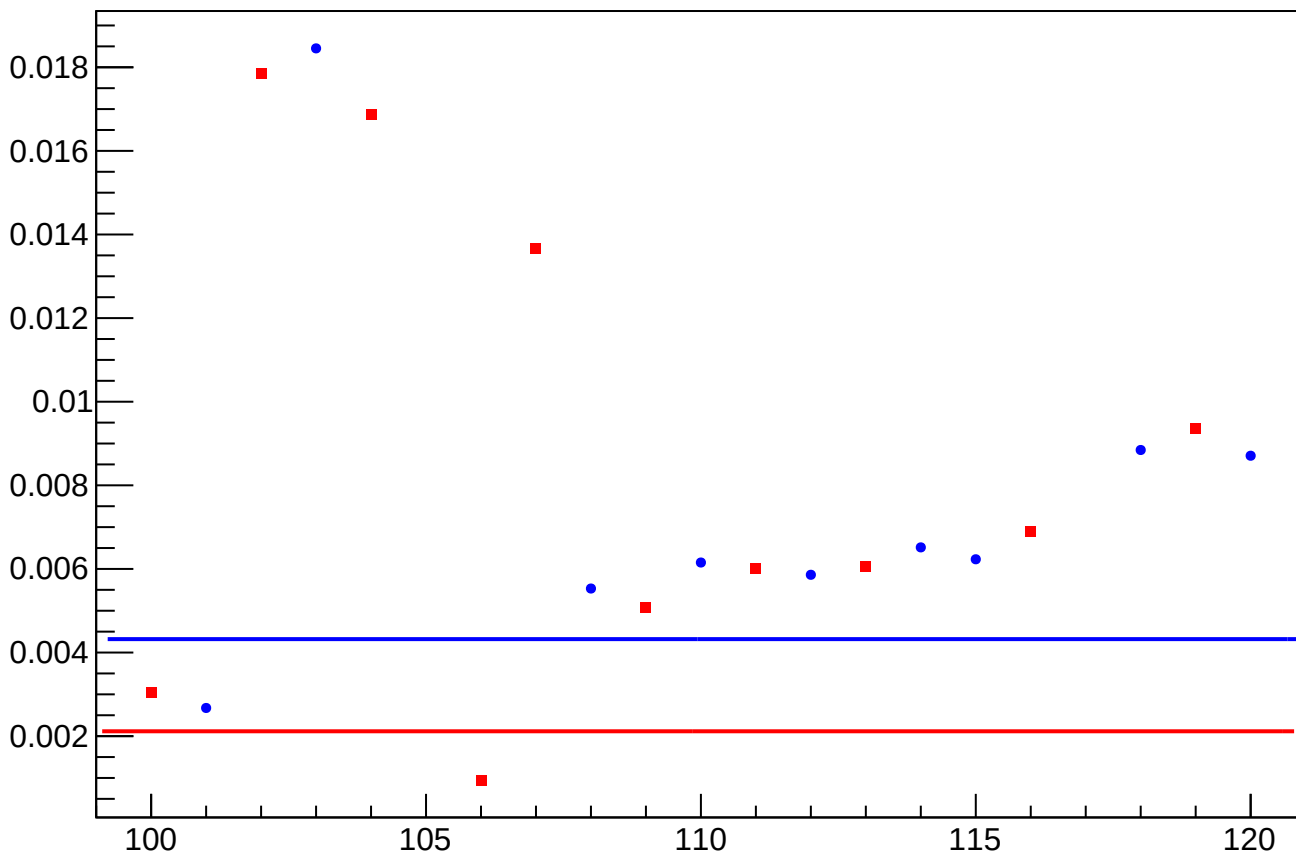
Right: -0.000+/-0.000 χ^2/NDF : 19.8/18

In: 0.000+/-0.000 χ^2/NDF : 8.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.8/18

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 : 1871486.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 4861585.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

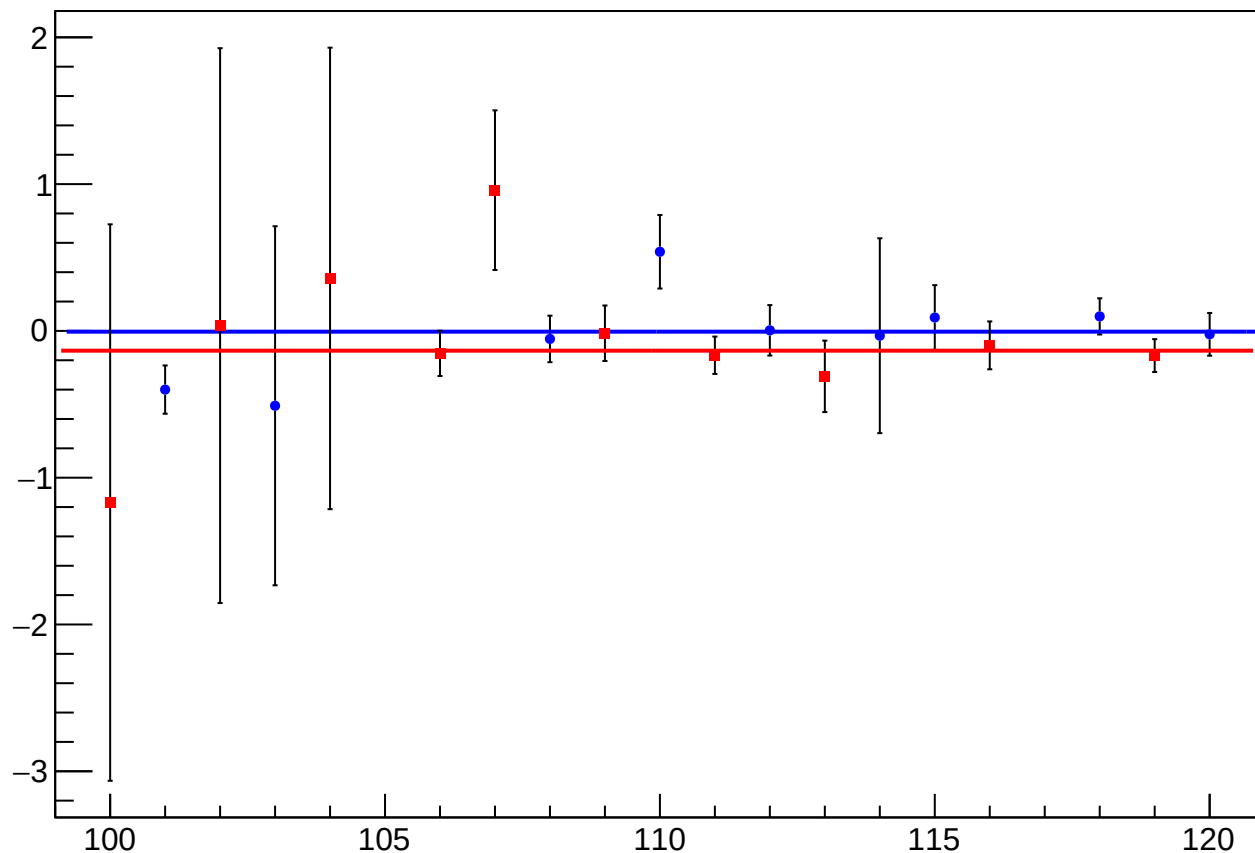
Right: 0.003+/-0.000 χ^2/NDF : 7702534.4/18

In: 0.004+/-0.000 χ^2/NDF :1871486.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 7702534.4/18

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005+/-0.062 χ^2/NDF : 11.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.135+/-0.061 χ^2/NDF : 5.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

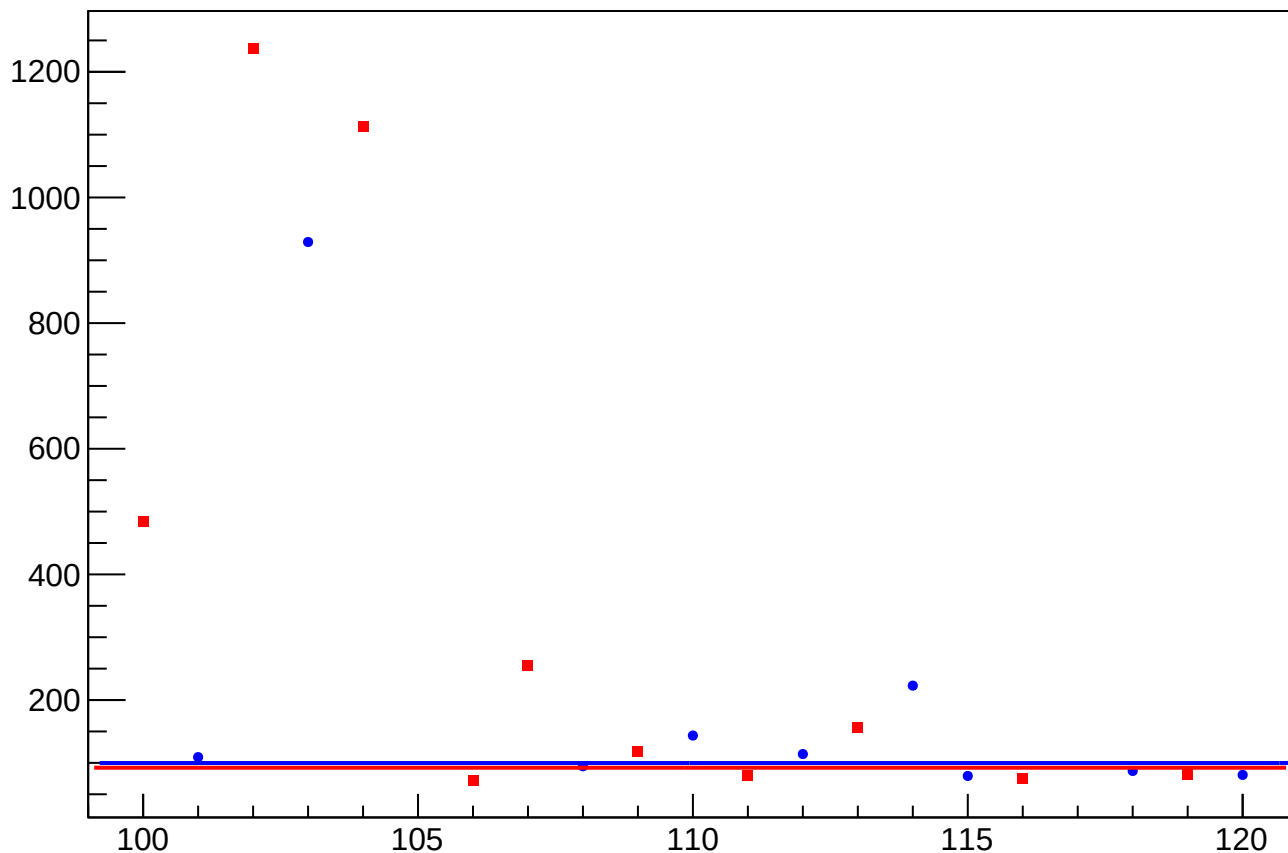
Right: -0.071+/-0.043 χ^2/NDF : 19.5/18

In: -0.005+/-0.062 χ^2/NDF :11.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.071+/-0.043 χ^2/NDF : 19.5/18

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 99.788+/-0.044 χ^2/NDF : 1144183.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.286+/-0.043 χ^2/NDF : 2119258.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

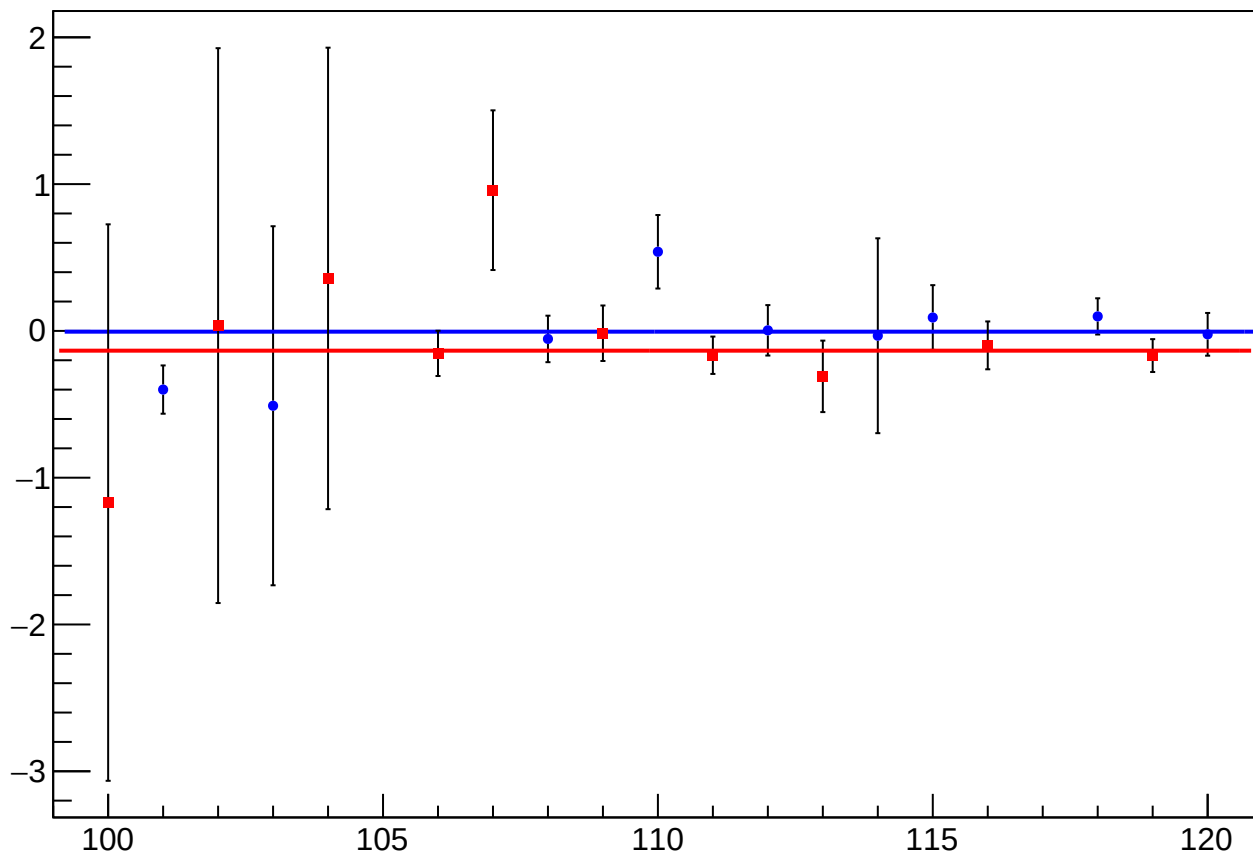
Right: 95.985+/-0.031 χ^2/NDF : 3278451.9/18

In: 99.788+/-0.044 χ^2/NDF : 1144183.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.985+/-0.031 χ^2/NDF : 3278451.9/18

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005+/-0.062 χ^2/NDF : 11.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.135+/-0.061 χ^2/NDF : 5.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

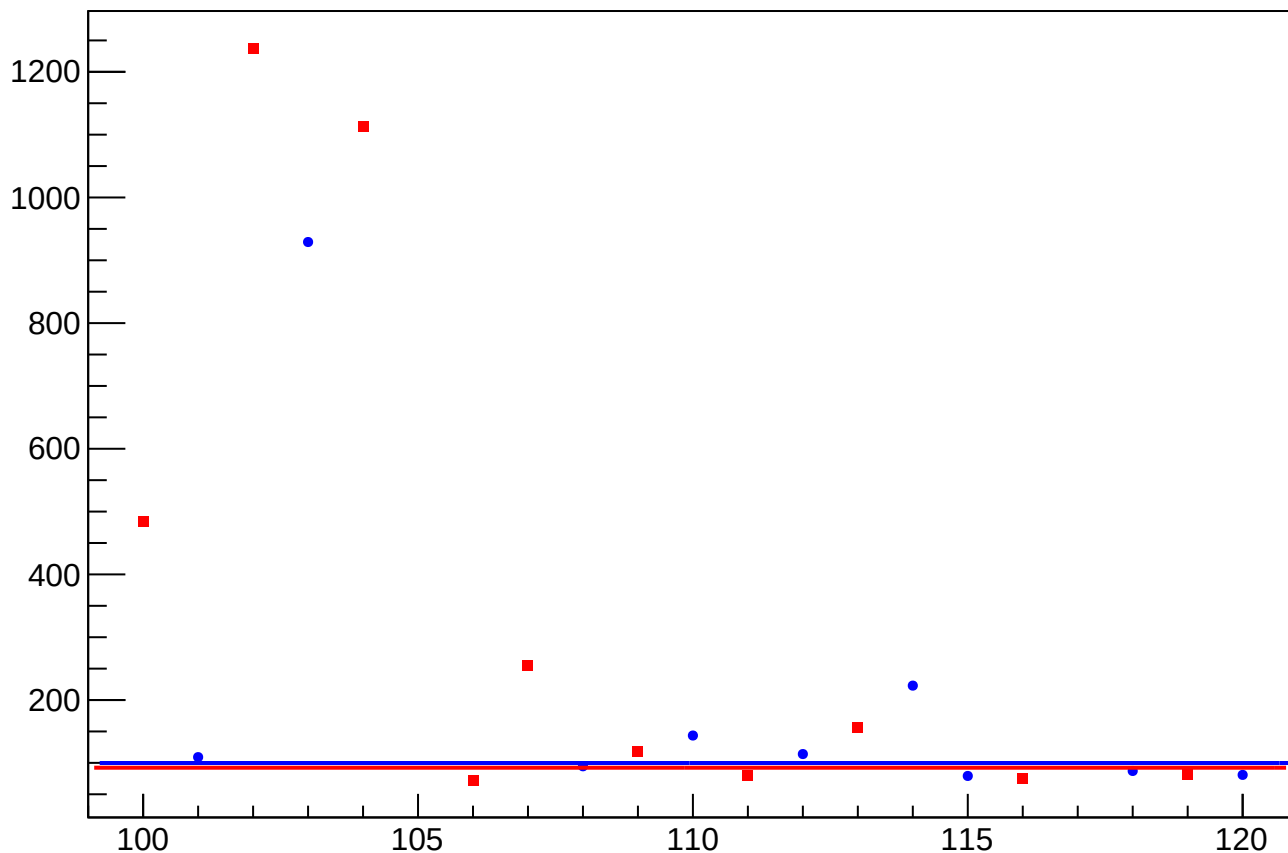
Right: -0.071+/-0.043 χ^2/NDF : 19.5/18

In: -0.005+/-0.062 χ^2/NDF :11.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.071+/-0.043 χ^2/NDF : 19.5/18

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 99.788+/-0.044 χ^2/NDF : 1144183.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.286+/-0.043 χ^2/NDF : 2119258.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

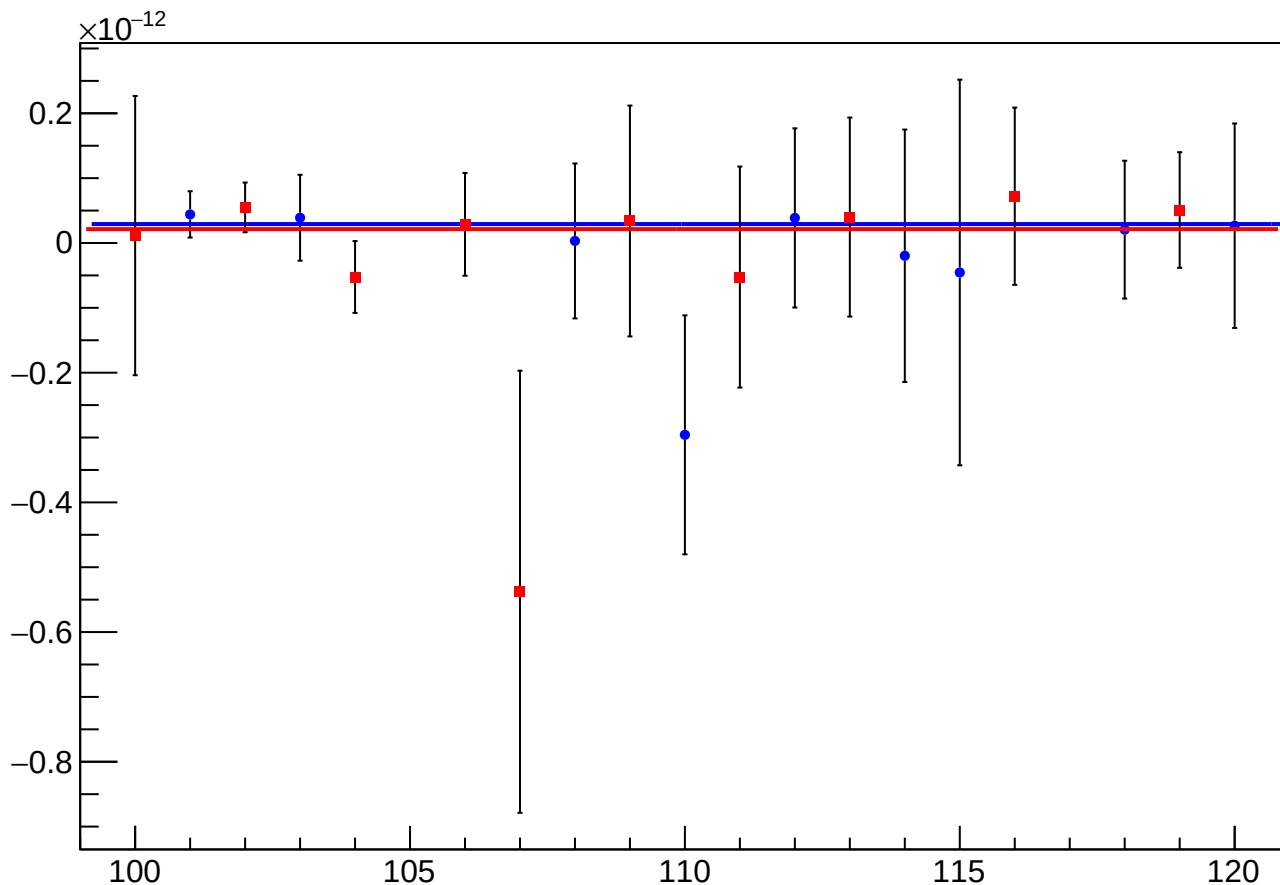
Right: 95.985+/-0.031 χ^2/NDF : 3278451.9/18

In: 99.788+/-0.044 χ^2/NDF : 1144183.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.985+/-0.031 χ^2/NDF : 3278451.9/18

asym_us_avg_at1lr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

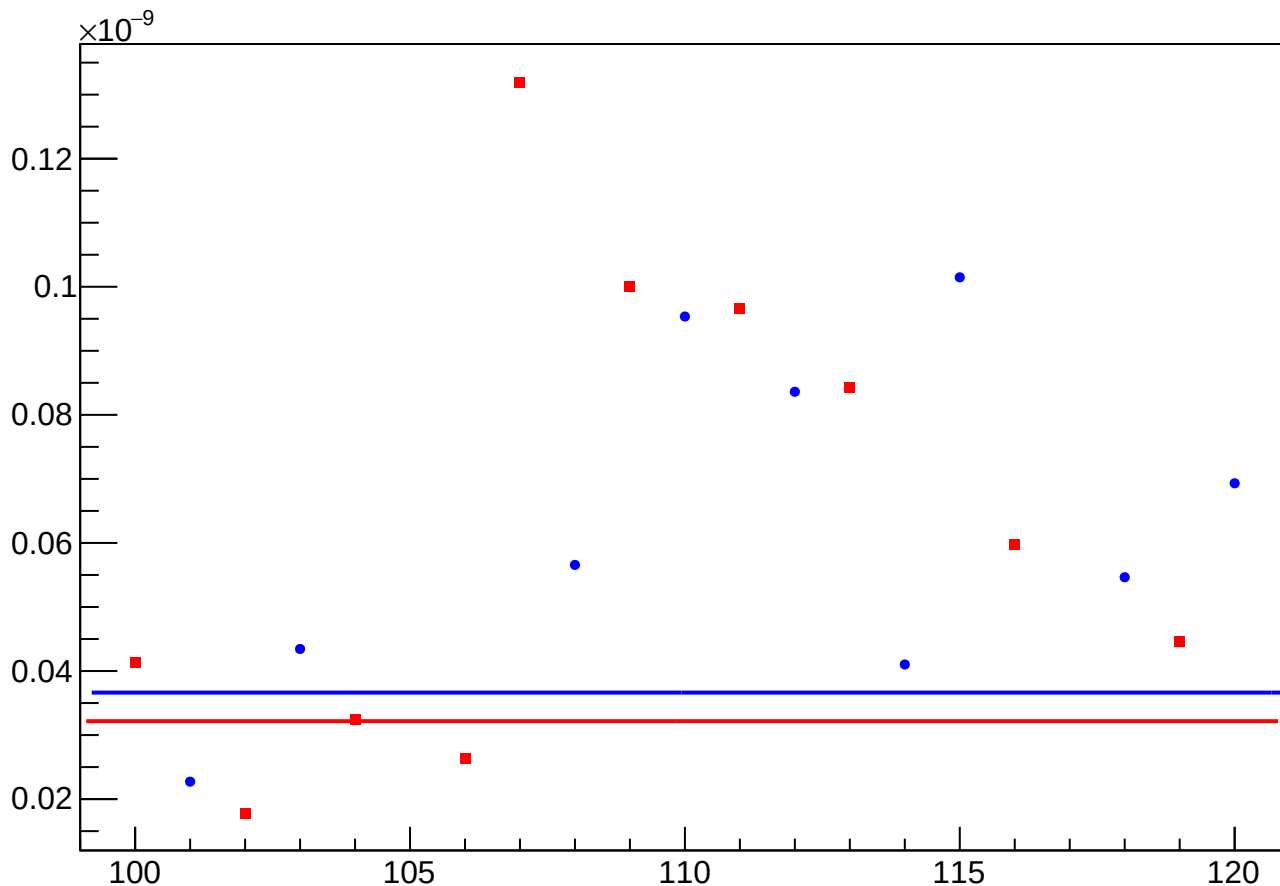
Right: 0.000+/-0.000 χ^2/NDF : 9.2/18

In: 0.000+/-0.000 χ^2/NDF : 3.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.2/18

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 : 1053821.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1396155.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

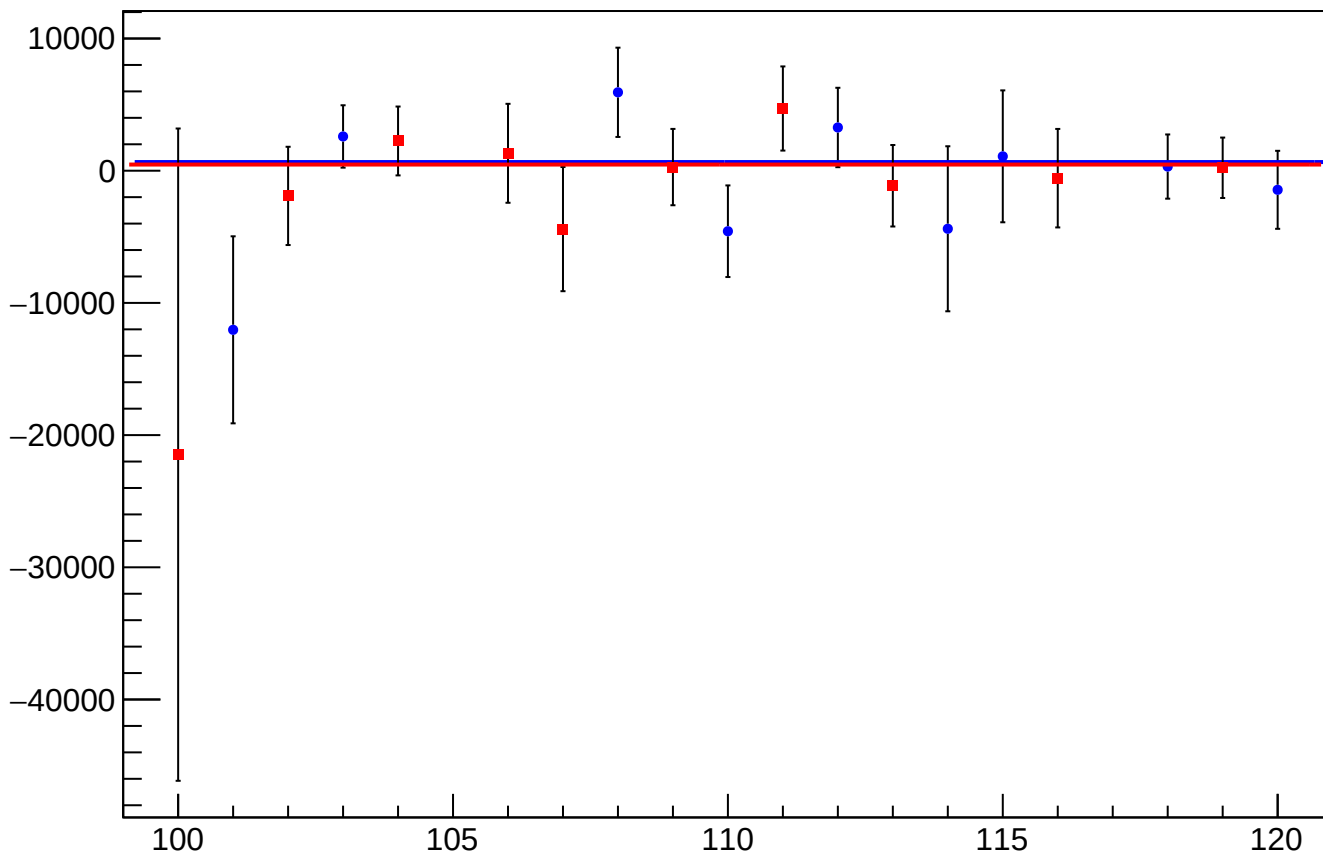
Right: 0.000+/-0.000 χ^2/NDF : 2477920.7/18

In: 0.000+/-0.000 χ^2/NDF : 1053821.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2477920.7/18

reg_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 654.774+/-1096.516 χ^2/NDF : 10.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 466.793+/-1039.342 χ^2/NDF : 4.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

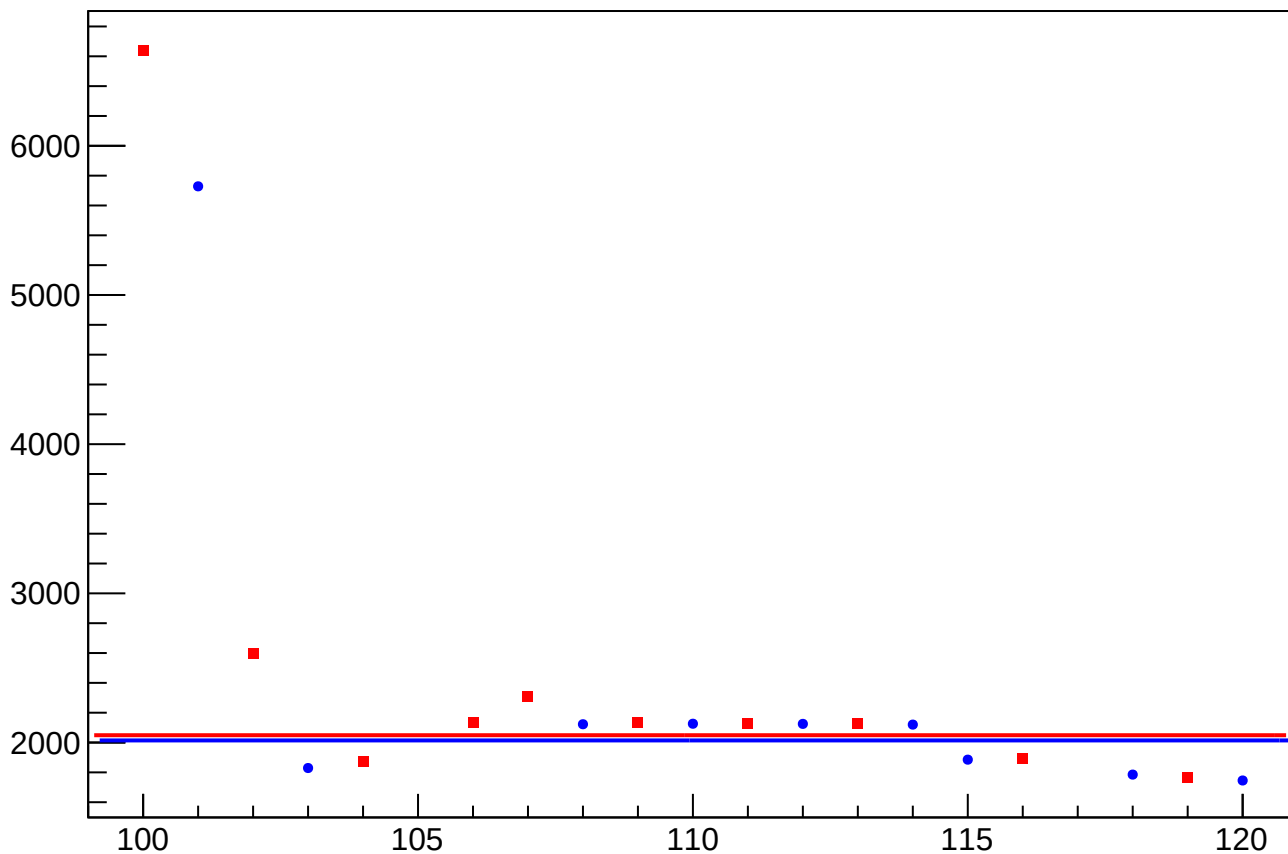
Right: 555.755+/-754.328 χ^2/NDF : 15.5/18

In: 654.774+/-1096.516 χ^2/NDF : 10.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 555.755+/-754.328 χ^2/NDF : 15.5/18

reg_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2014.171+/-0.775 χ^2/NDF : 606775.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2049.055+/-0.735 χ^2/NDF : 167652.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

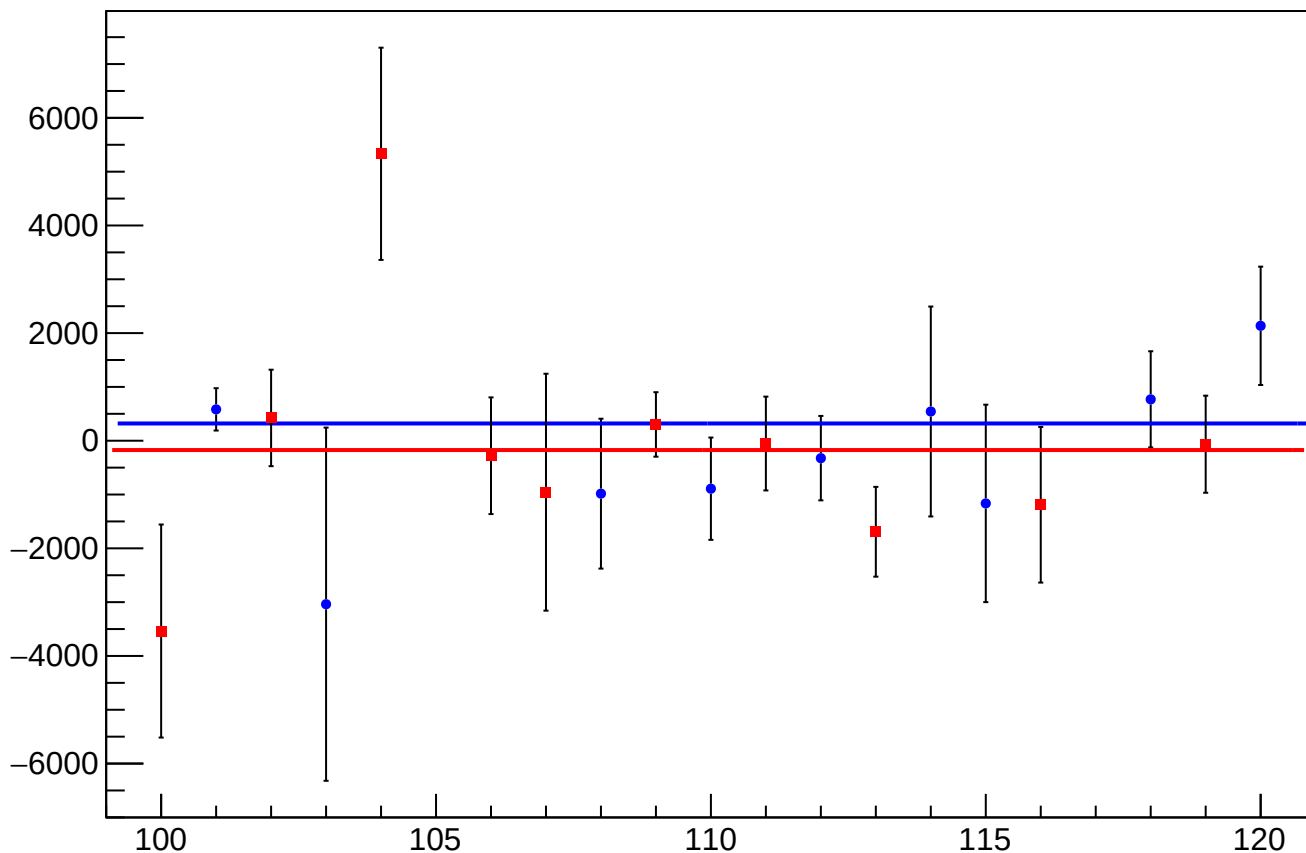
Right: 2032.546+/-0.533 χ^2/NDF : 775493.6/18

In: 2014.171+/-0.775 χ^2/NDF : 606775.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2032.546+/-0.533 χ^2/NDF : 775493.6/18

asym_us_avg_at1lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 320.475+/-283.549 χ^2/NDF : 8.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -173.435+/-315.302 χ^2/NDF : 15.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

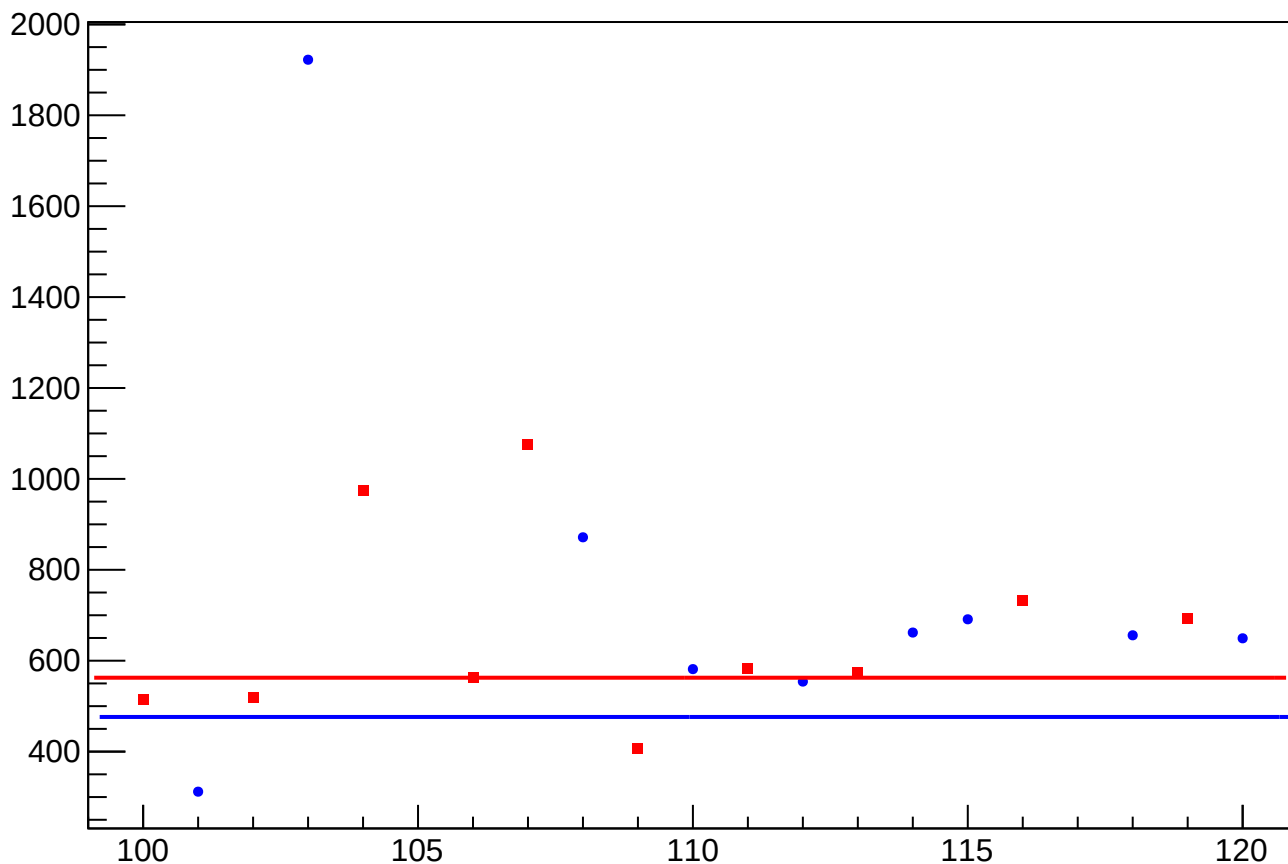
Right: 99.636+/-210.834 χ^2/NDF : 25.4/18

In: 320.475+/-283.549 χ^2/NDF : 8.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.636+/-210.834 χ^2/NDF : 25.4/18

asym_us_avg_at1lr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 476.229+/-0.200 χ^2/NDF : 1118534.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 562.570+/-0.223 χ^2/NDF : 407602.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

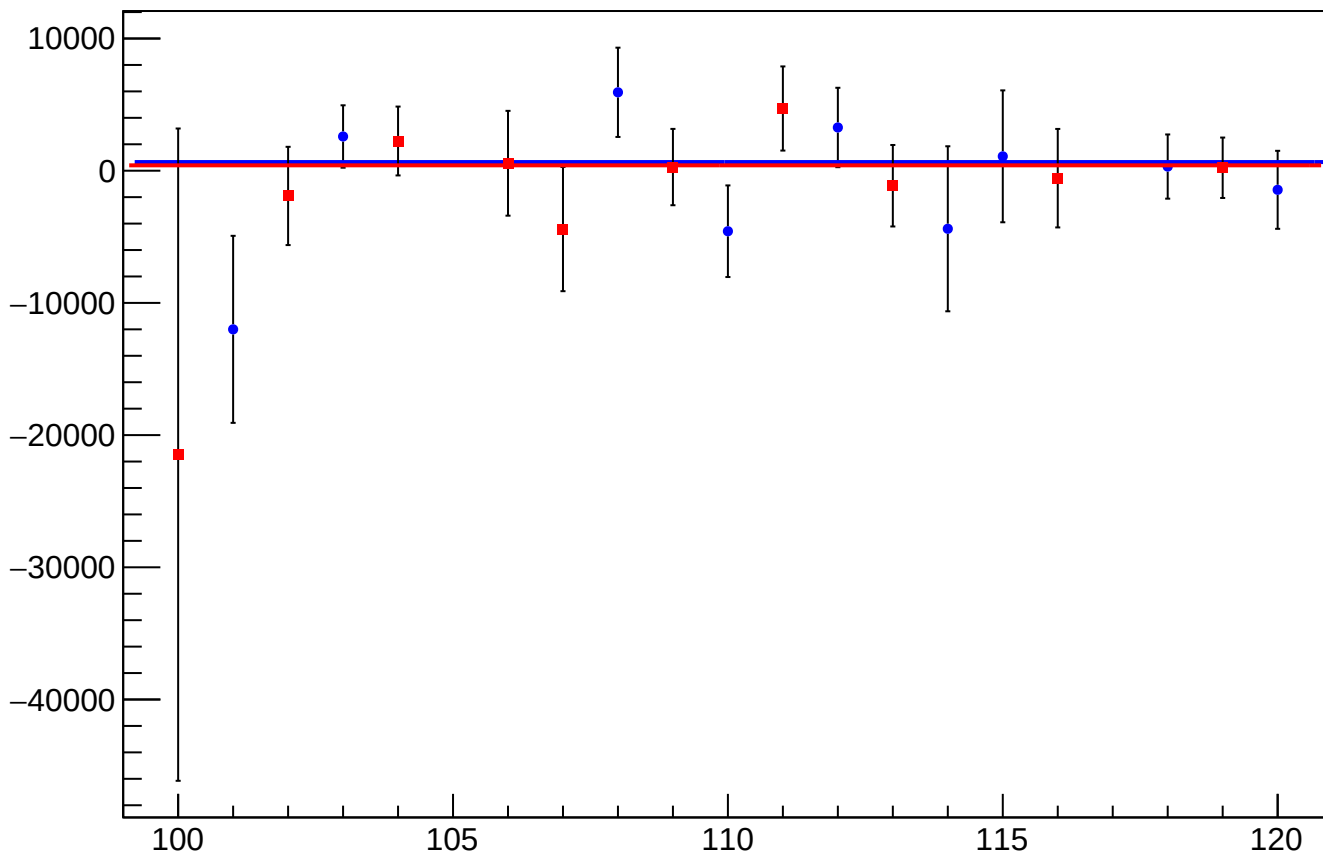
Right: 514.834+/-0.149 χ^2/NDF : 1609054.2/18

In: 476.229+/-0.200 χ^2/NDF : 1118534.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 514.834+/-0.149 χ^2/NDF : 1609054.2/18

cor_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 654.916+/-1096.516 χ^2/NDF : 10.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 406.928+/-1043.735 χ^2/NDF : 4.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

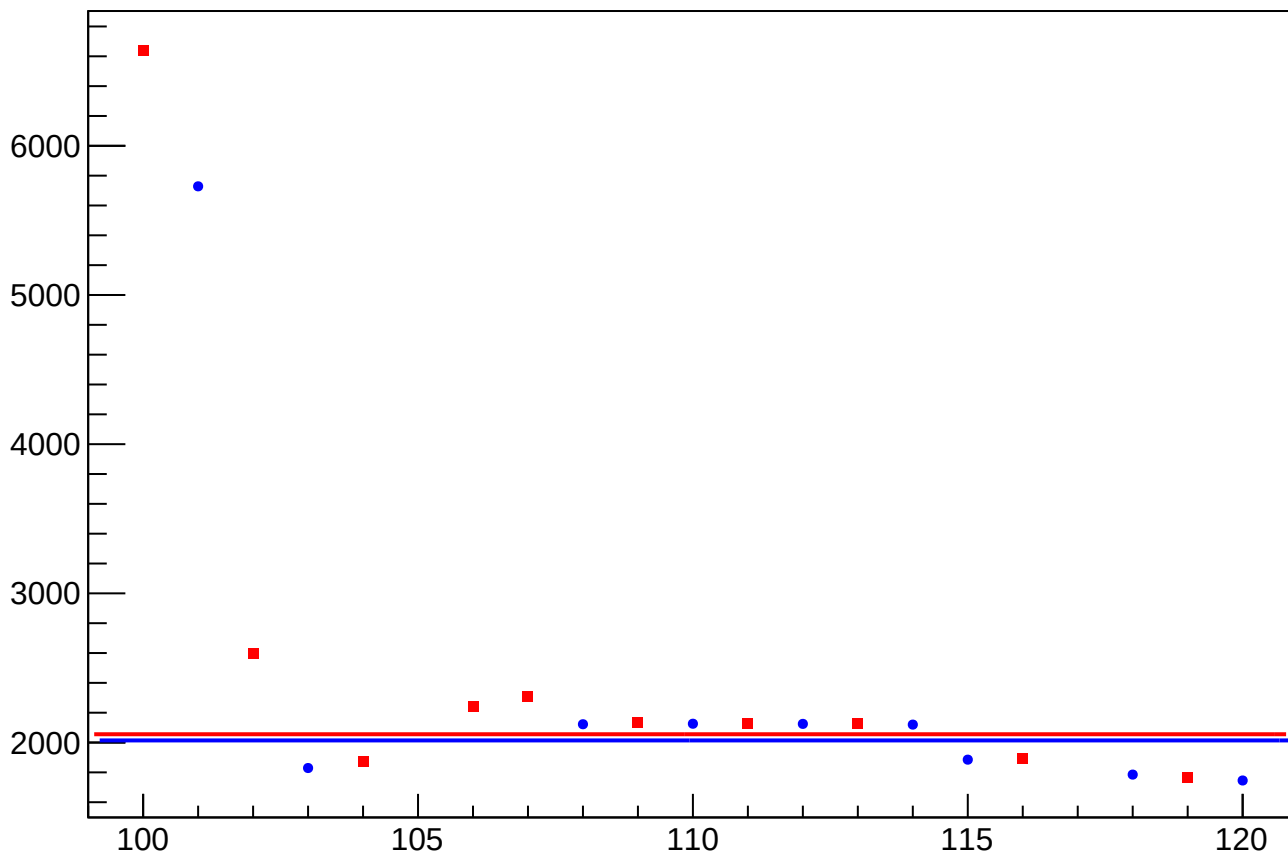
Right: 524.810+/-756.003 χ^2/NDF : 15.4/18

In: 654.916+/-1096.516 χ^2/NDF : 10.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 524.810+/-756.003 χ^2/NDF : 15.4/18

cor_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2014.171+/-0.775 χ^2/NDF : 606775.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2055.599+/-0.738 χ^2/NDF : 171198.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

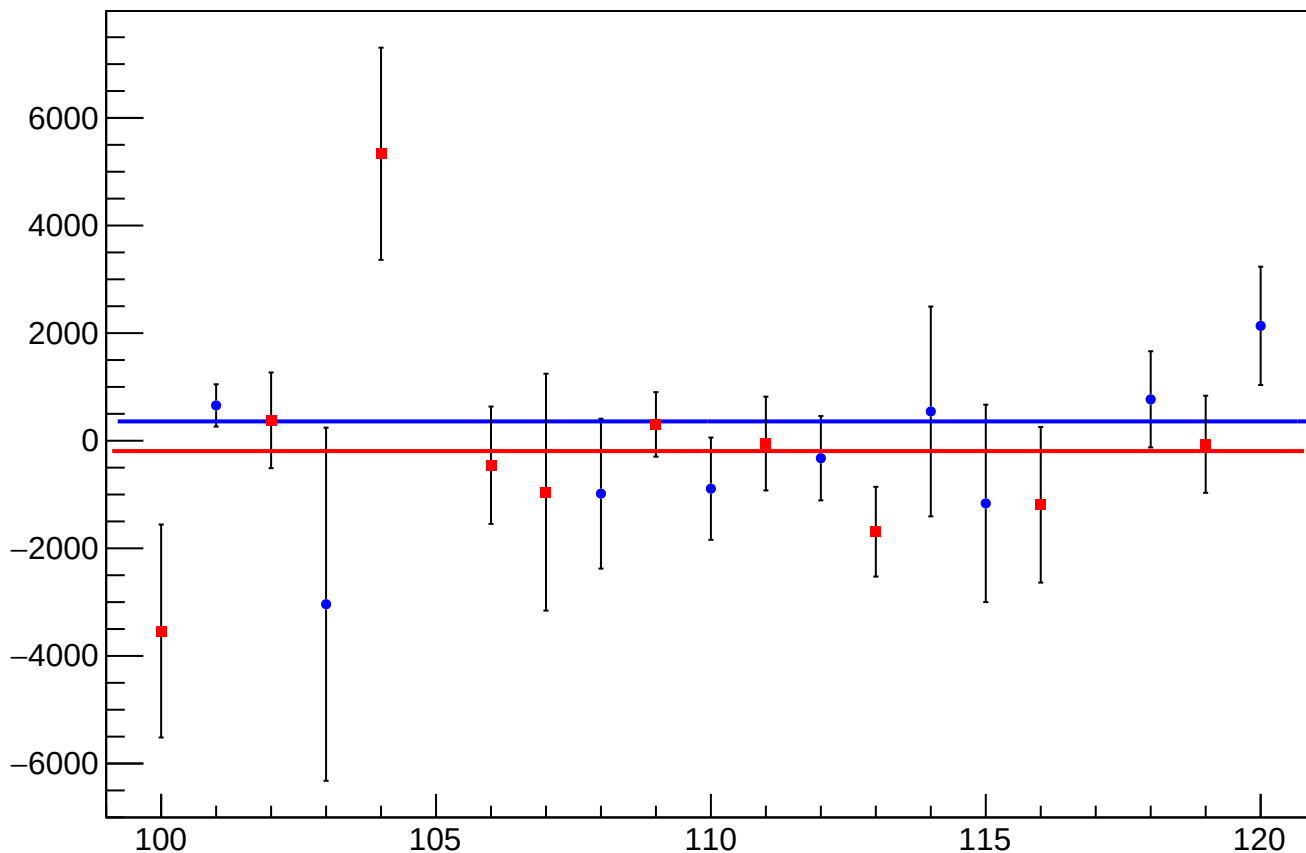
Right: 2035.906+/-0.535 χ^2/NDF : 779471.2/18

In: 2014.171+/-0.775 χ^2/NDF : 606775.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2035.906+/-0.535 χ^2/NDF : 779471.2/18

asym_us_avg_at1lr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 358.986+/-283.383 χ^2/NDF : 8.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -192.318+/-315.170 χ^2/NDF : 15.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

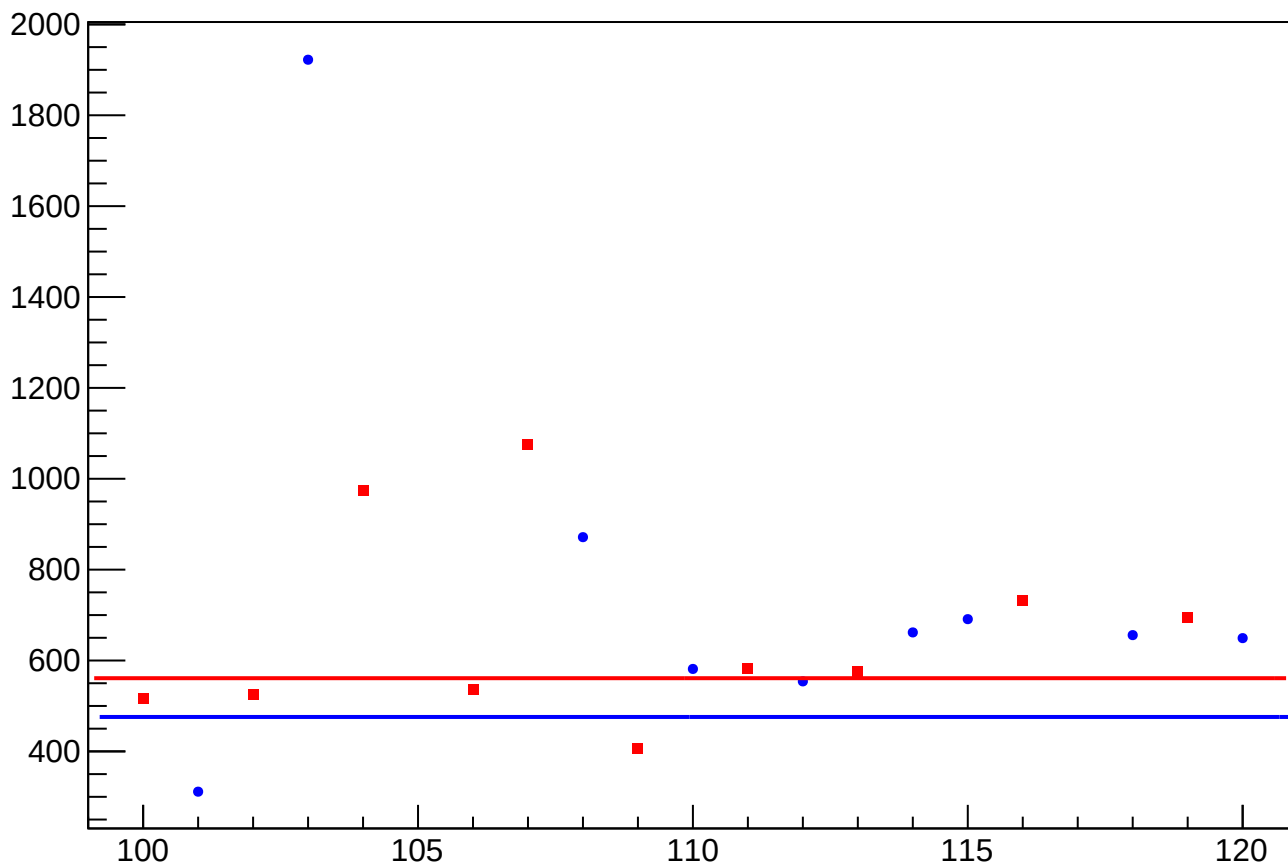
Right: 112.530+/-210.727 χ^2/NDF : 26.0/18

In: 358.986+/-283.383 χ^2/NDF : 8.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.530+/-210.727 χ^2/NDF : 26.0/18

asym_us_avg_at1lr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 475.776+/-0.200 χ^2/NDF : 1121344.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 561.084+/-0.223 χ^2/NDF : 407300.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

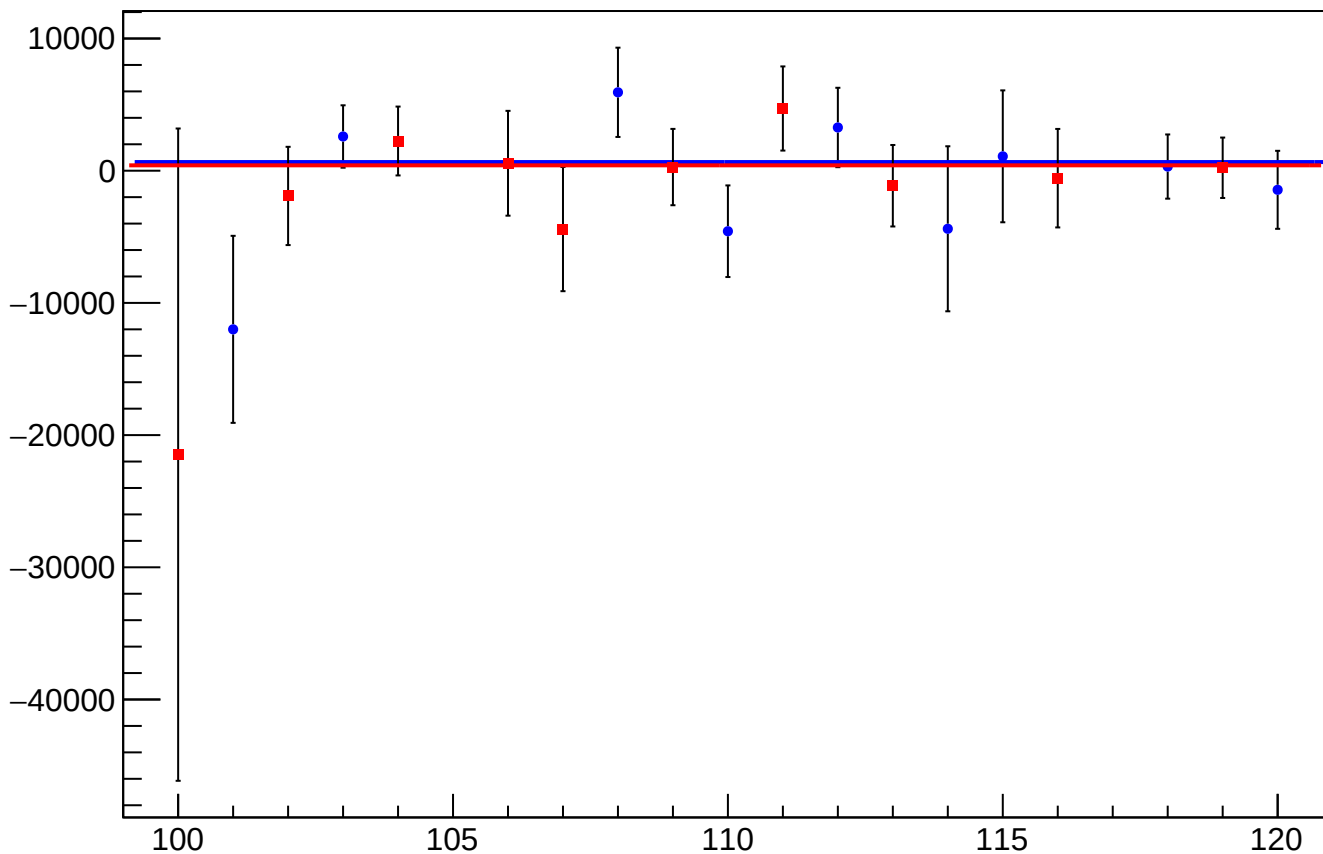
Right: 513.912+/-0.149 χ^2/NDF : 1609666.9/18

In: 475.776+/-0.200 χ^2/NDF : 1121344.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 513.912+/-0.149 χ^2/NDF : 1609666.9/18

eigen_cor_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 654.916+/-1096.516 χ^2/NDF : 10.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 406.928+/-1043.735 χ^2/NDF : 4.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

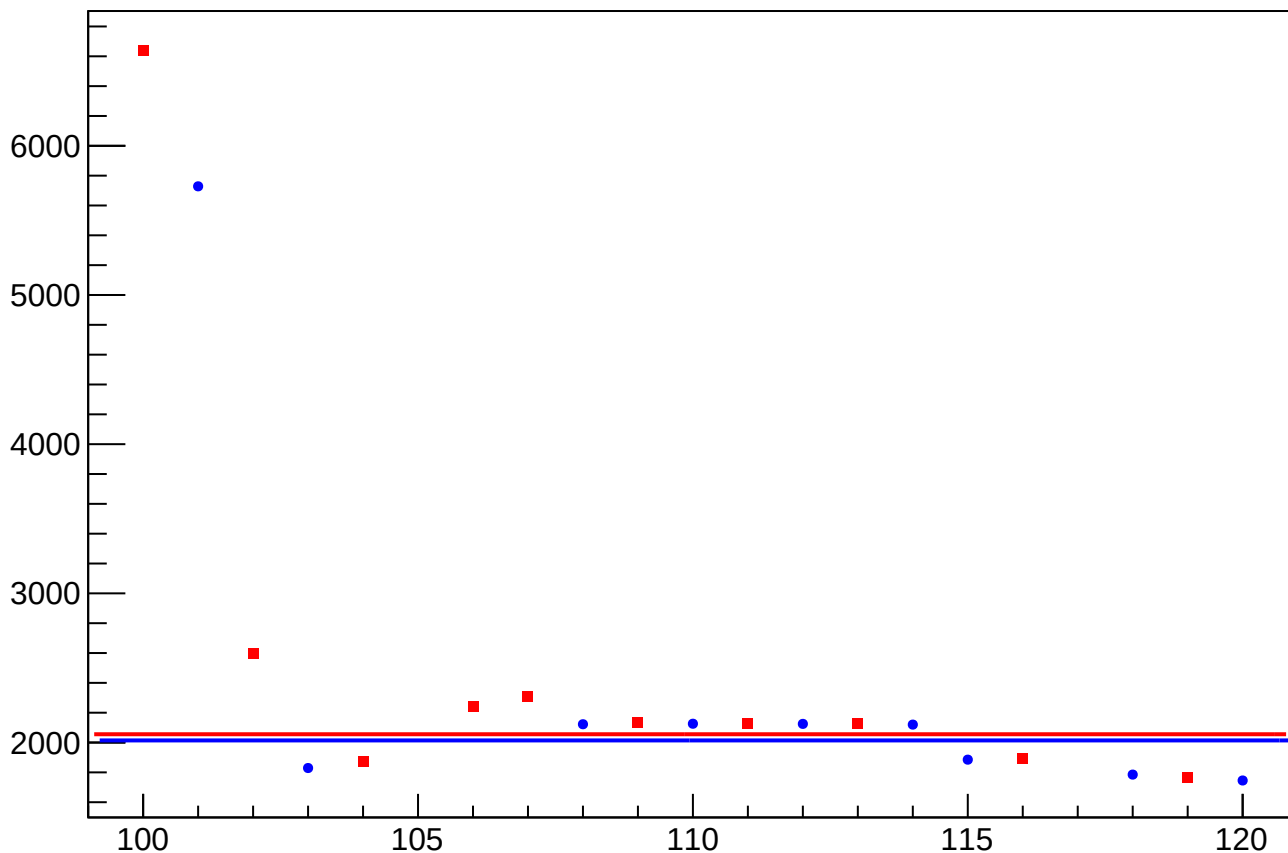
Right: 524.810+/-756.003 χ^2/NDF : 15.4/18

In: 654.916+/-1096.516 χ^2/NDF : 10.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 524.810+/-756.003 χ^2/NDF : 15.4/18

eigen_cor_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2014.171+/-0.775 χ^2/NDF : 606775.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2055.599+/-0.738 χ^2/NDF : 171198.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

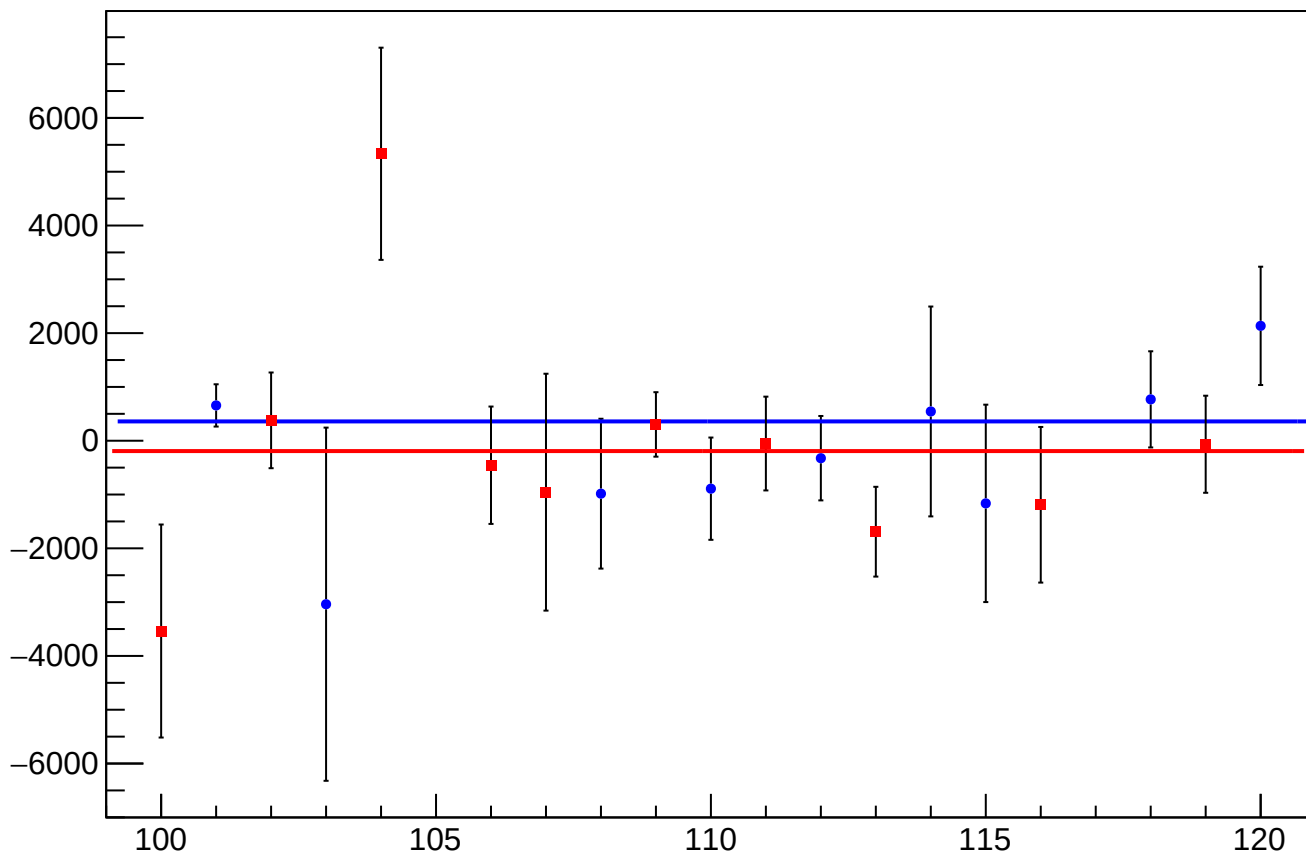
Right: 2035.906+/-0.535 χ^2/NDF : 779471.2/18

In: 2014.171+/-0.775 χ^2/NDF : 606775.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2035.906+/-0.535 χ^2/NDF : 779471.2/18

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 358.986+/-283.383 χ^2/NDF : 8.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -192.318+/-315.170 χ^2/NDF : 15.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

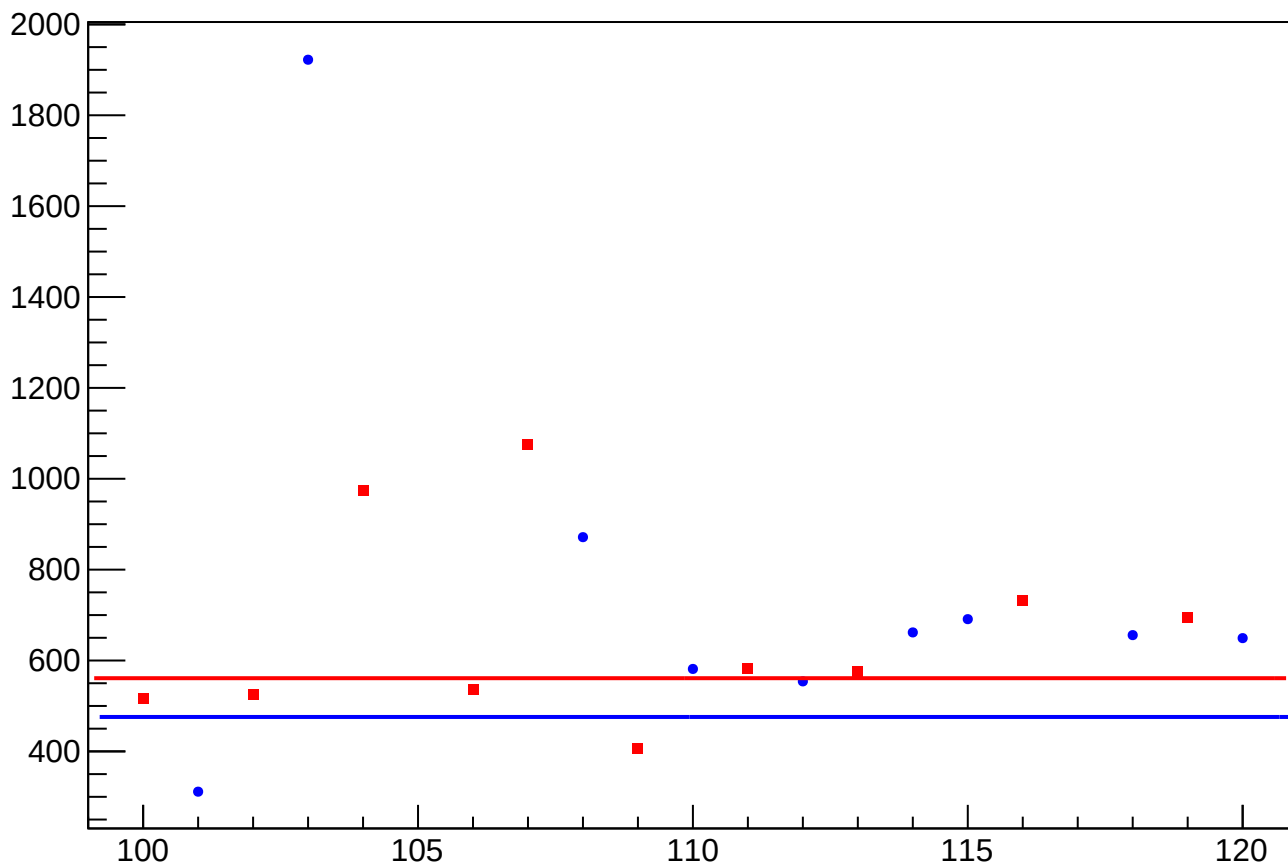
Right: 112.530+/-210.727 χ^2/NDF : 26.0/18

In: 358.986+/-283.383 χ^2/NDF : 8.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.530+/-210.727 χ^2/NDF : 26.0/18

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 475.776+/-0.200 χ^2/NDF : 1121344.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 561.084+/-0.223 χ^2/NDF : 407300.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

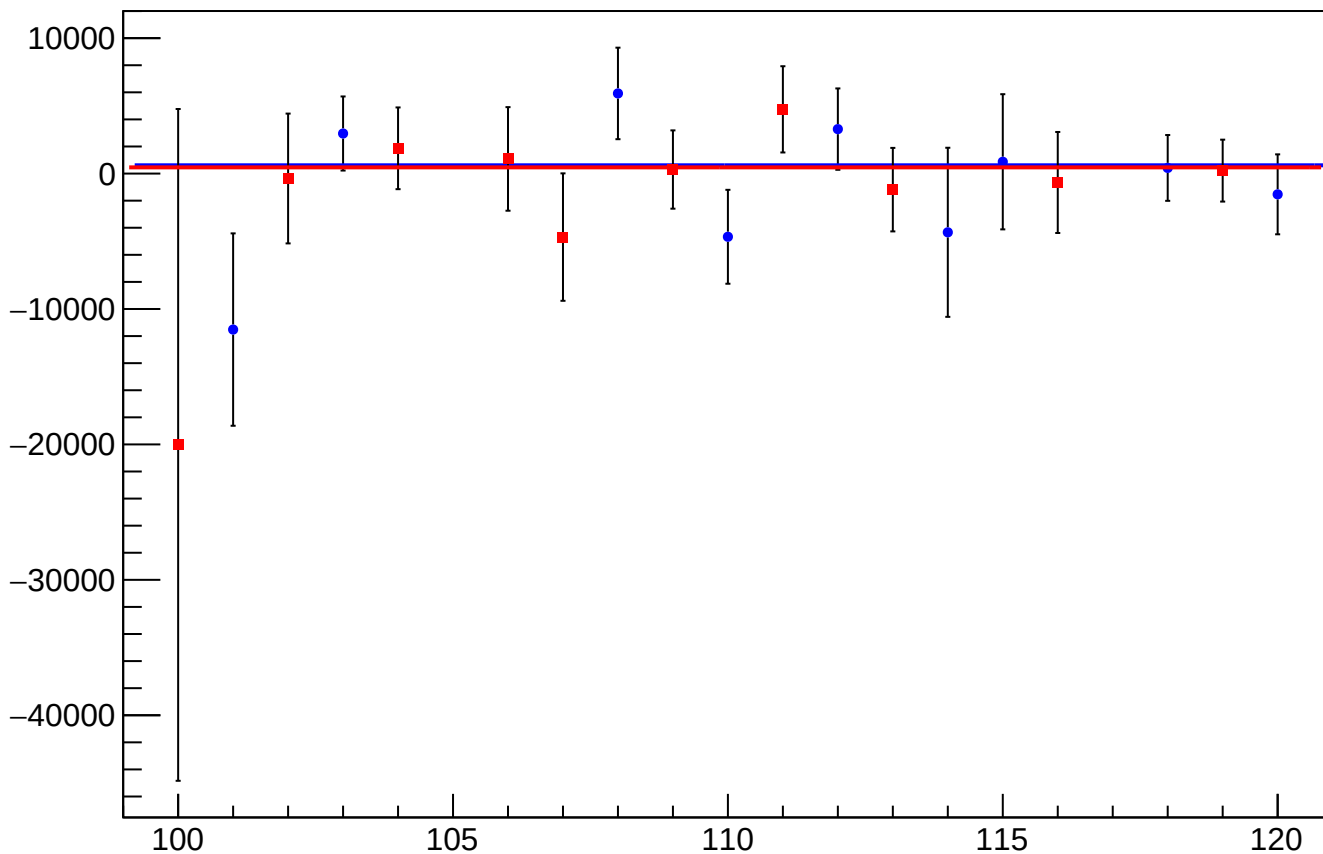
Right: 513.912+/-0.149 χ^2/NDF : 1609666.9/18

In: 475.776+/-0.200 χ^2/NDF : 1121344.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 513.912+/-0.149 χ^2/NDF : 1609666.9/18

dit_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 610.700+/-1128.661 χ^2 /NDF: 10.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 458.016+/-1081.341 χ^2 /NDF: 4.4/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

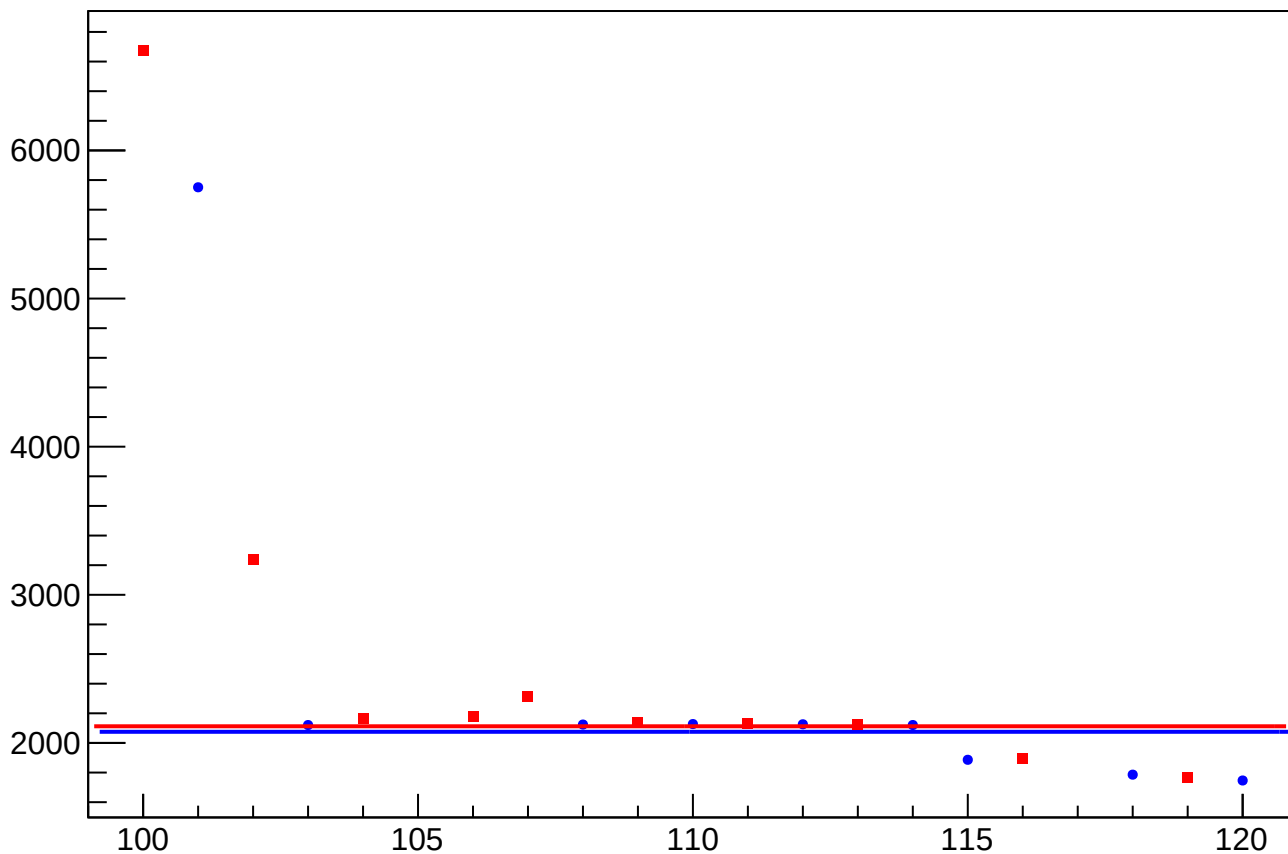
Right: 531.090+/-780.817 χ^2 /NDF: 14.8/18

In: 610.700+/-1128.661 χ^2 /NDF:10.4/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 531.090+/-780.817 χ^2 /NDF: 14.8/18

dit_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2075.224+/-0.798 χ^2/NDF : 593798.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2112.400+/-0.765 χ^2/NDF : 235804.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

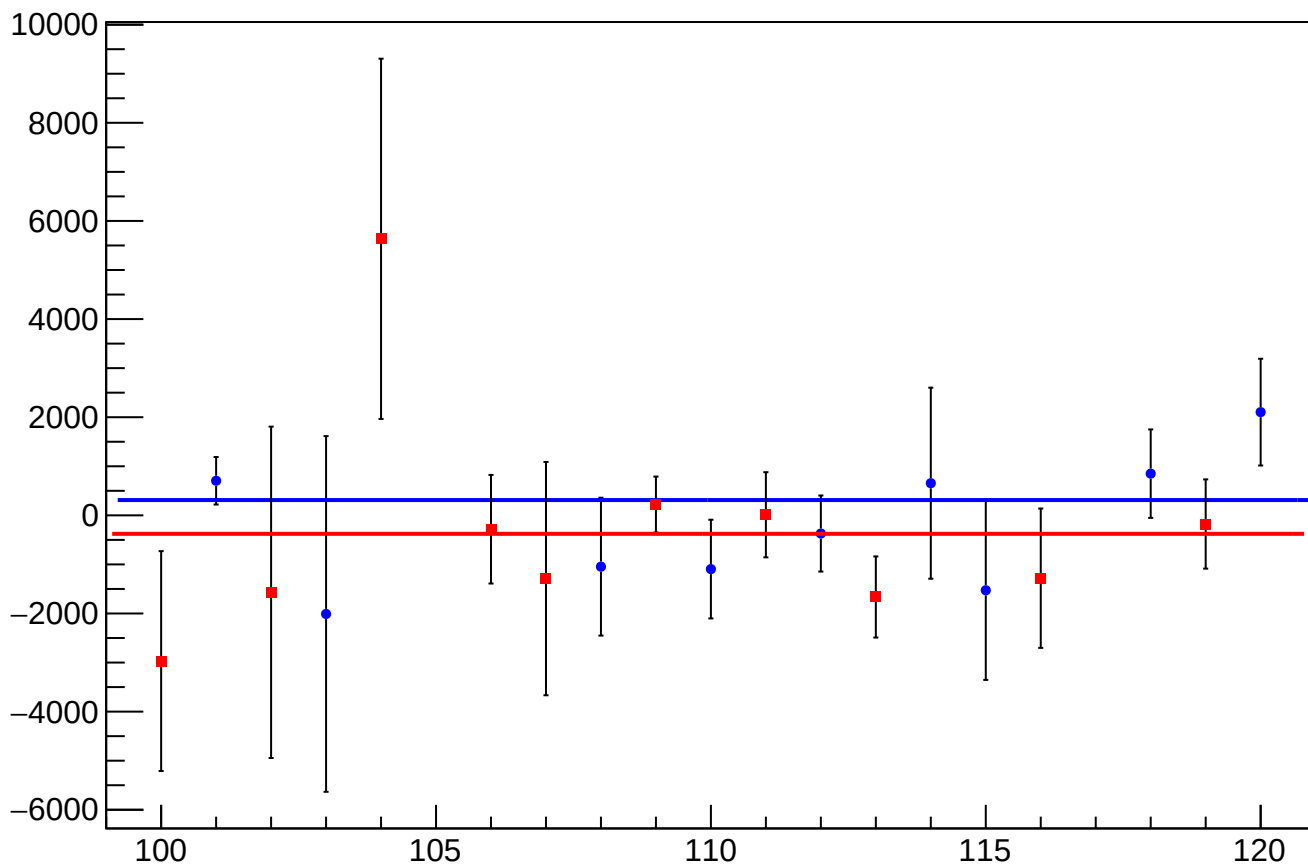
Right: 2094.608+/-0.552 χ^2/NDF : 830734.1/18

In: 2075.224+/-0.798 χ^2/NDF : 593798.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2094.608+/-0.552 χ^2/NDF : 830734.1/18

asym_us_avg_at1lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 311.622+/-314.057 χ^2/NDF : 8.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -376.547+/-334.649 χ^2/NDF : 8.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

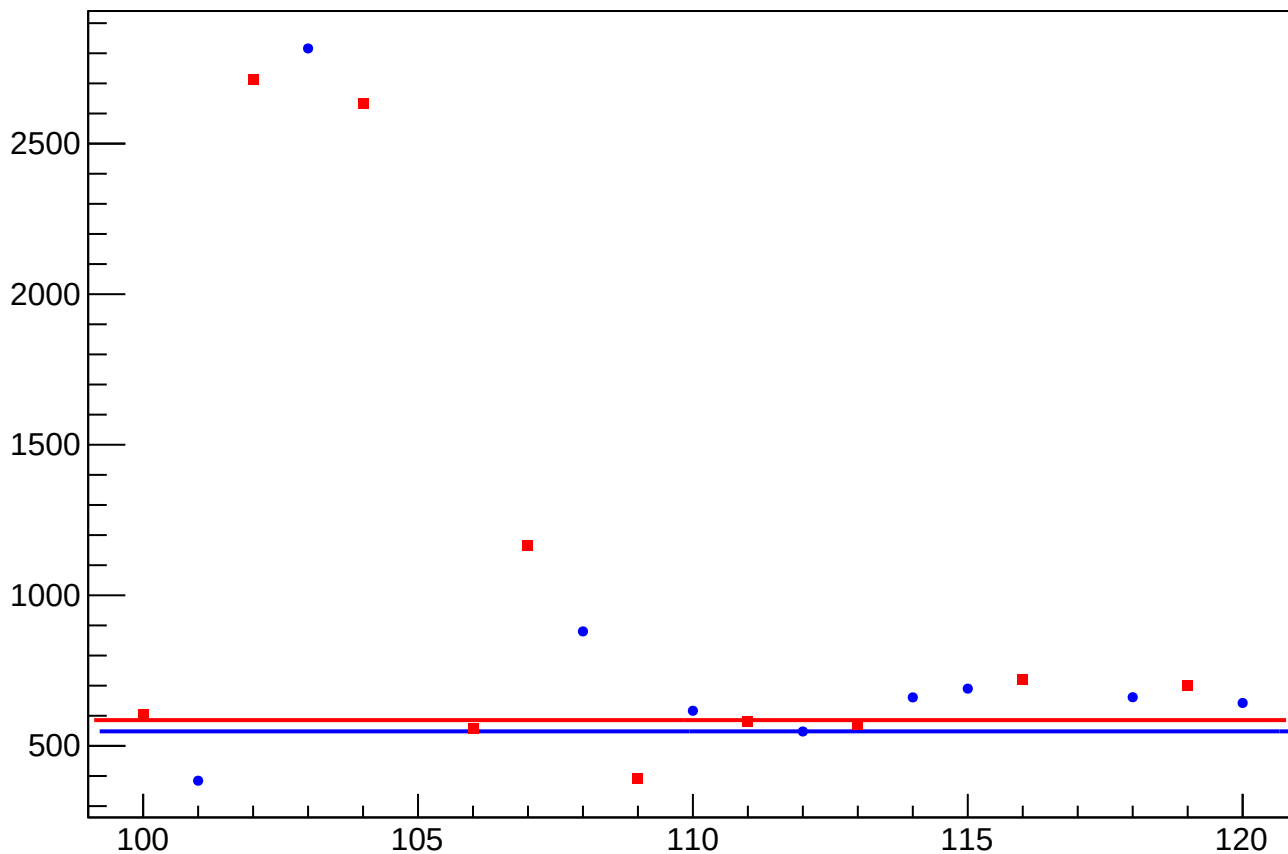
Right: -10.639+/-229.006 χ^2/NDF : 19.6/18

In: 311.622+/-314.057 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.639+/-229.006 χ^2/NDF : 19.6/18

asym_us_avg_at1lr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 548.270+/-0.222 χ^2/NDF : 1198399.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 585.547+/-0.237 χ^2/NDF : 1819619.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

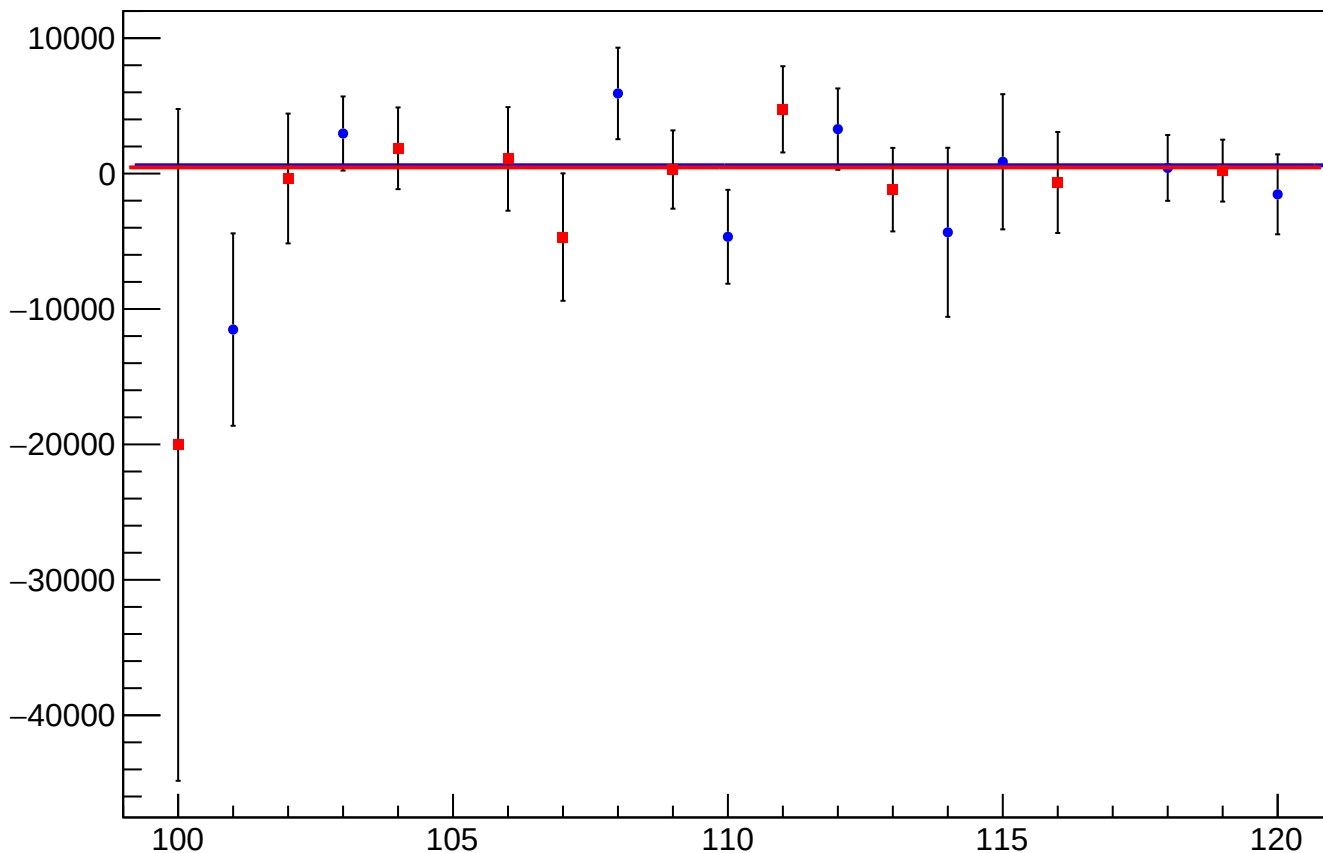
Right: 565.727+/-0.162 χ^2/NDF : 3031214.4/18

In: 548.270+/-0.222 χ^2/NDF :1198399.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 565.727+/-0.162 χ^2/NDF : 3031214.4/18

eigen_dit_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 610.701+/-1128.661 χ^2 /NDF: 10.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 458.019+/-1081.341 χ^2 /NDF: 4.4/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

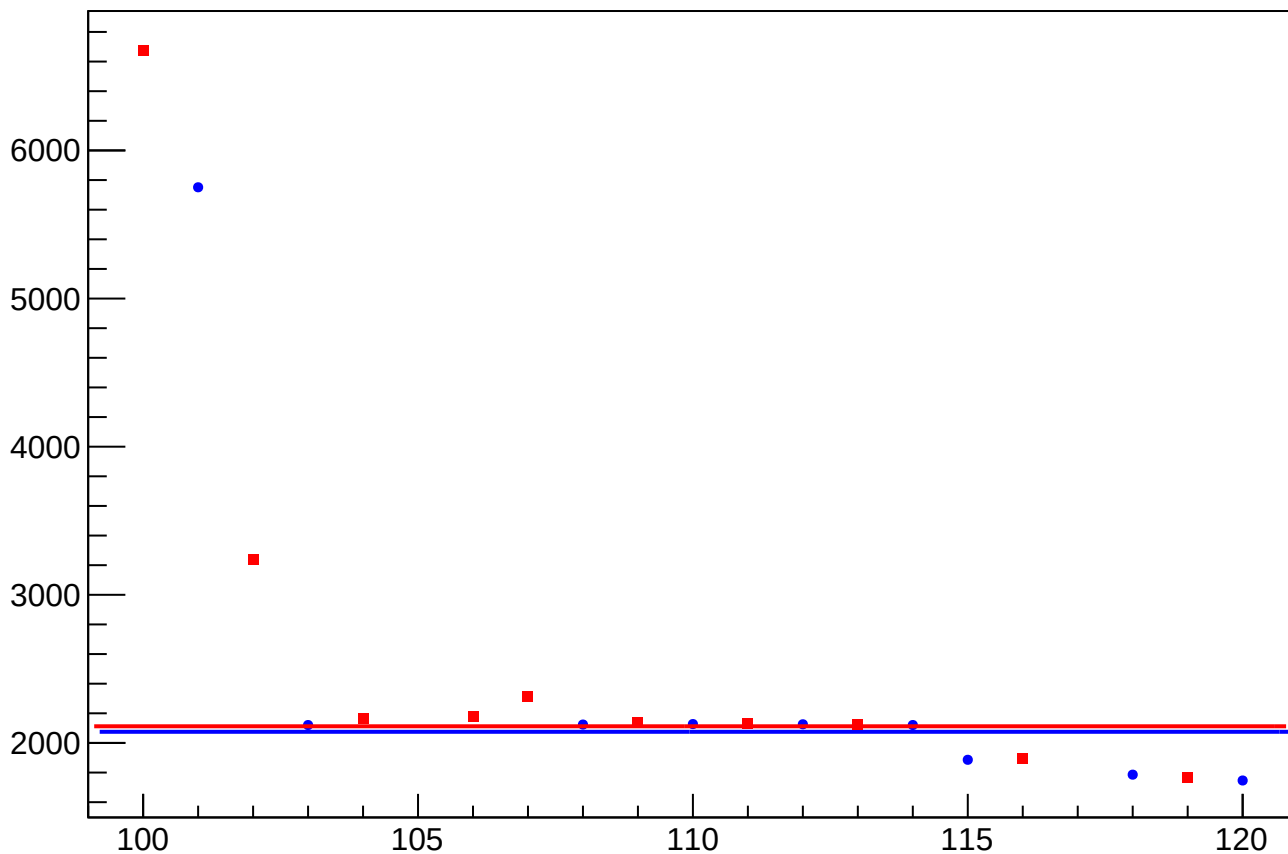
Right: 531.093+/-780.817 χ^2 /NDF: 14.8/18

In: 610.701+/-1128.661 χ^2 /NDF:10.4/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 531.093+/-780.817 χ^2 /NDF: 14.8/18

eigen_dit_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2075.224+/-0.798 χ^2/NDF : 593798.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2112.400+/-0.765 χ^2/NDF : 235803.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

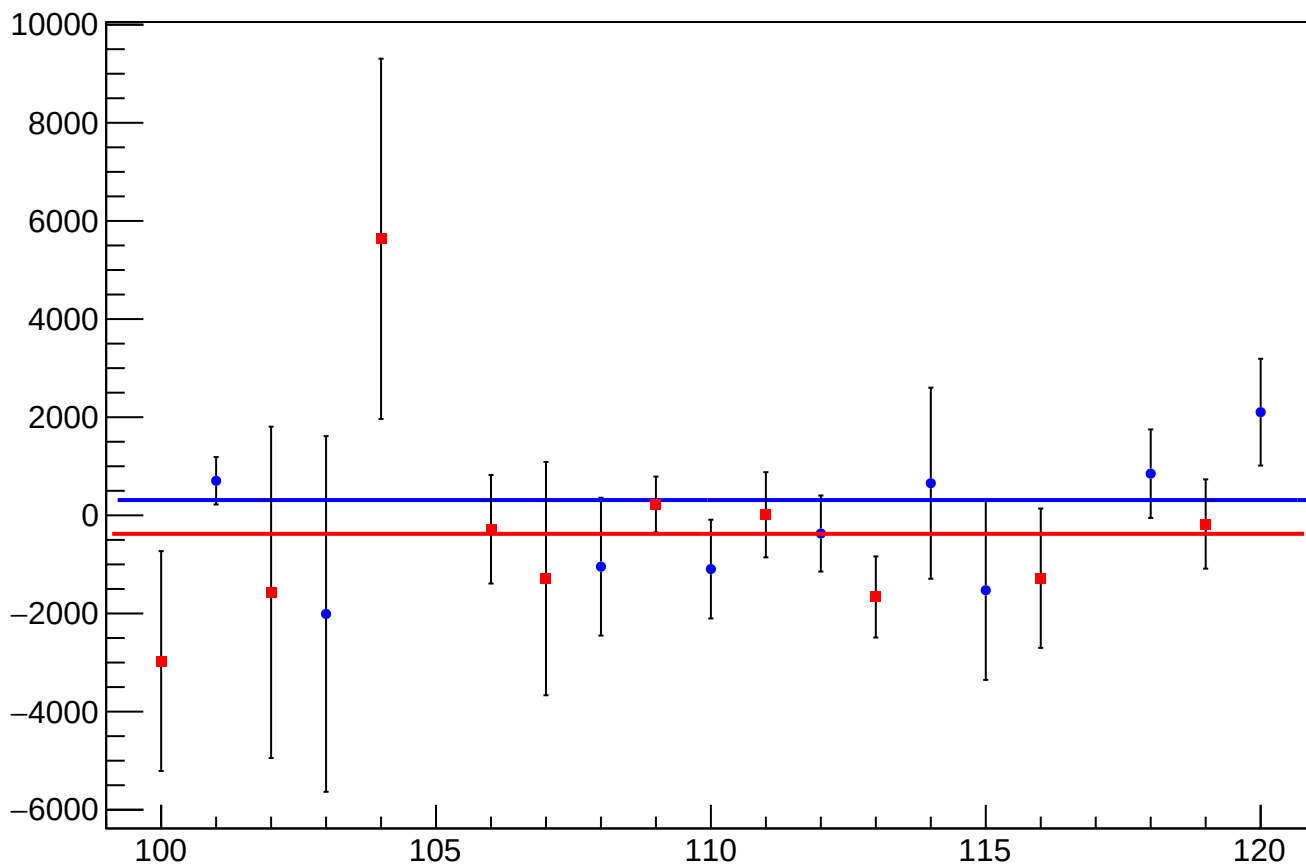
Right: 2094.607+/-0.552 χ^2/NDF : 830733.5/18

In: 2075.224+/-0.798 χ^2/NDF : 593798.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2094.607+/-0.552 χ^2/NDF : 830733.5/18

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 311.621+/-314.056 χ^2/NDF : 8.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -376.544+/-334.647 χ^2/NDF : 8.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

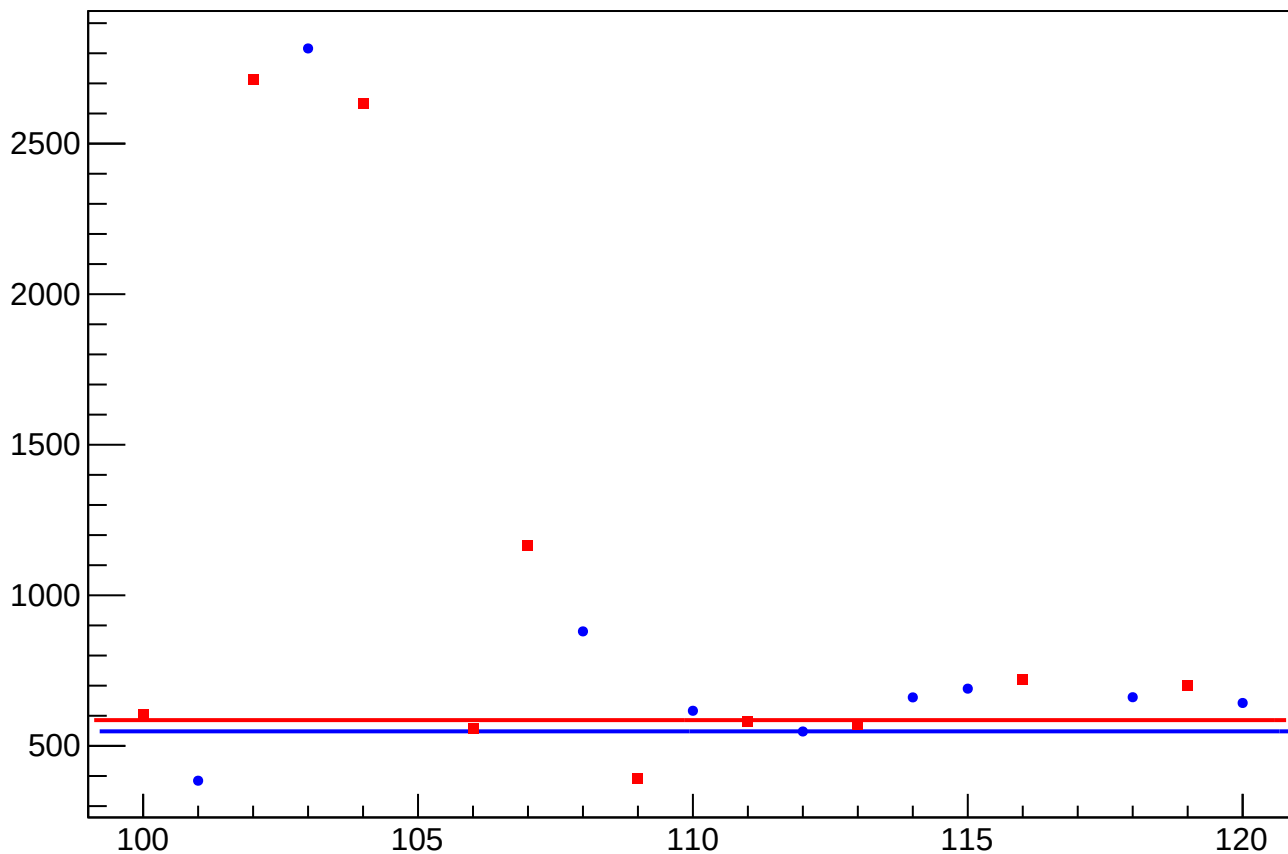
Right: -10.639+/-229.005 χ^2/NDF : 19.6/18

In: 311.621+/-314.056 χ^2/NDF :8.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -10.639+/-229.005 χ^2/NDF : 19.6/18

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 548.269+/-0.222 χ^2/NDF : 1198393.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 585.543+/-0.237 χ^2/NDF : 1819635.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

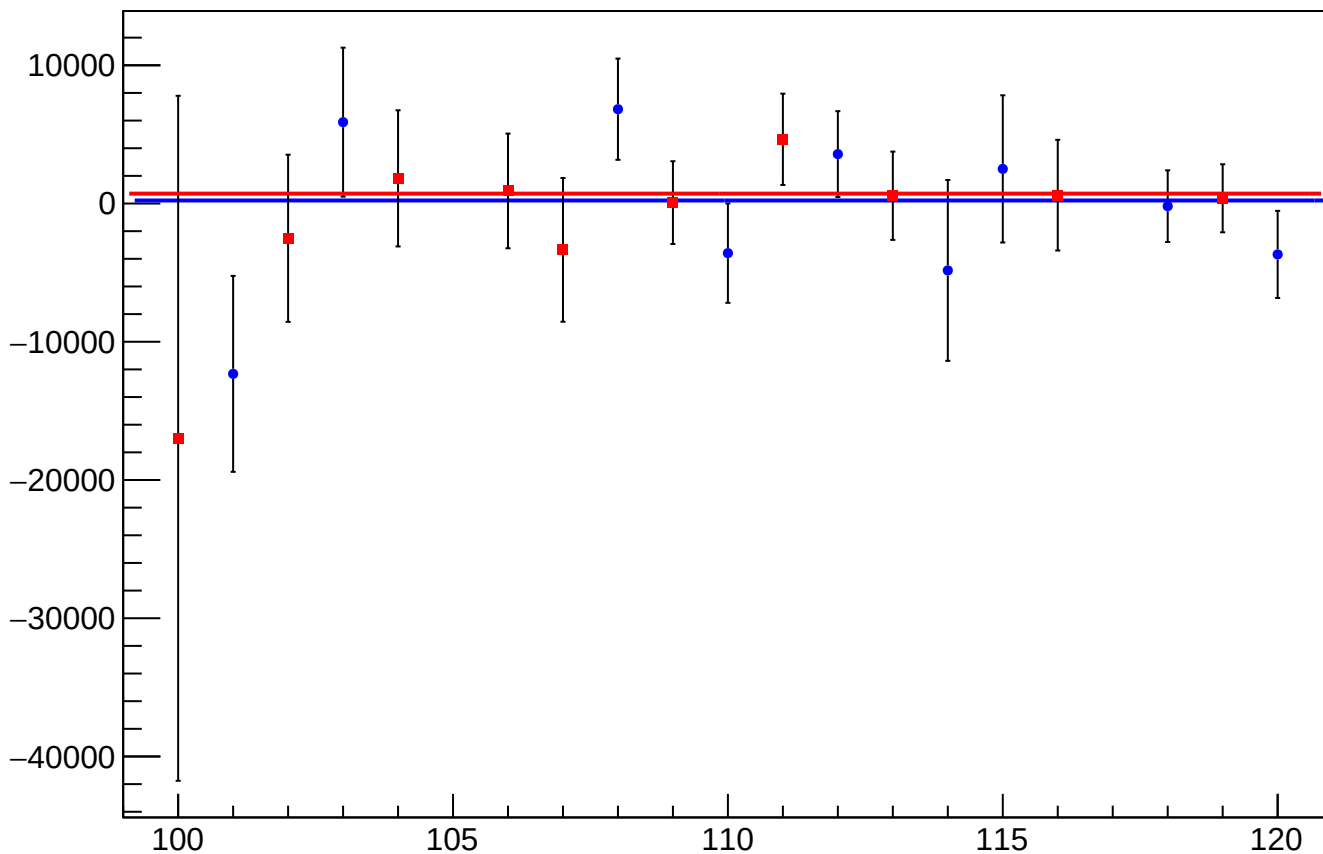
Right: 565.724+/-0.162 χ^2/NDF : 3031221.6/18

In: 548.269+/-0.222 χ^2/NDF : 1198393.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 565.724+/-0.162 χ^2/NDF : 3031221.6/18

asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 220.252+/-1271.922 χ^2/NDF : 12.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 715.414+/-1200.317 χ^2/NDF : 2.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

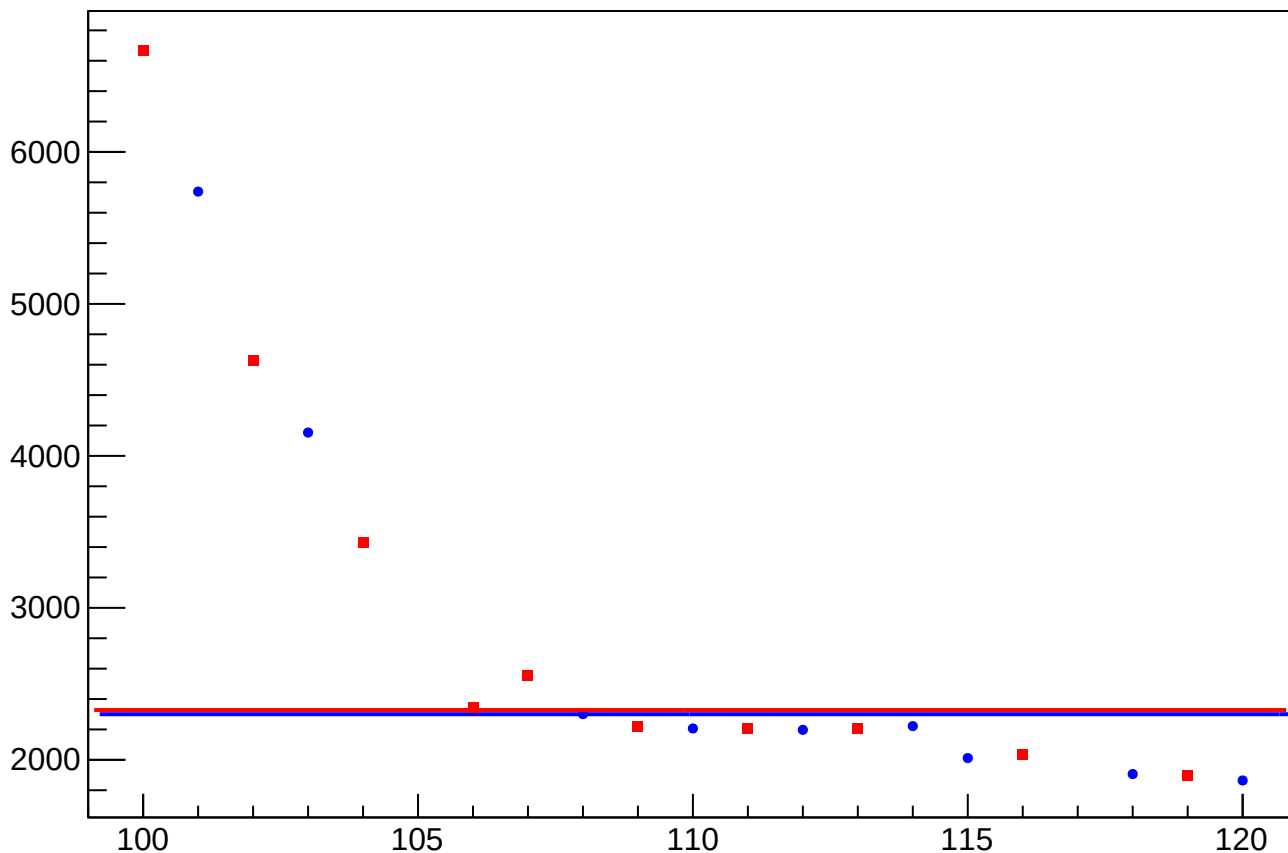
Right: 482.163+/-872.969 χ^2/NDF : 15.1/18

In: 220.252+/-1271.922 χ^2/NDF : 12.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 482.163+/-872.969 χ^2/NDF : 15.1/18

asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2300.171+/-0.899 χ^2/NDF : 801715.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2328.220+/-0.849 χ^2/NDF : 534392.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

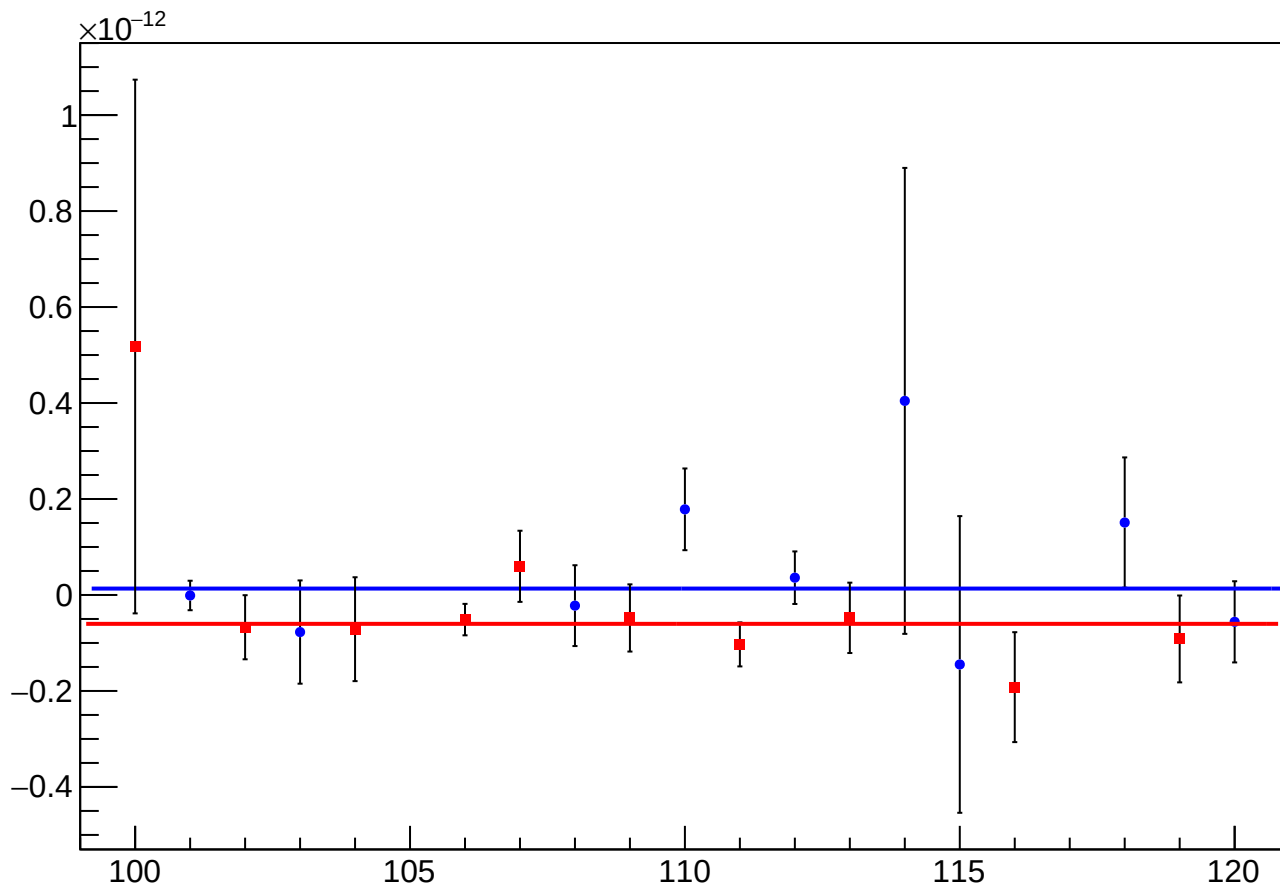
Right: 2315.007+/-0.617 χ^2/NDF : 1336621.7/18

In: 2300.171+/-0.899 χ^2/NDF : 801715.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2315.007+/-0.617 χ^2/NDF : 1336621.7/18

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

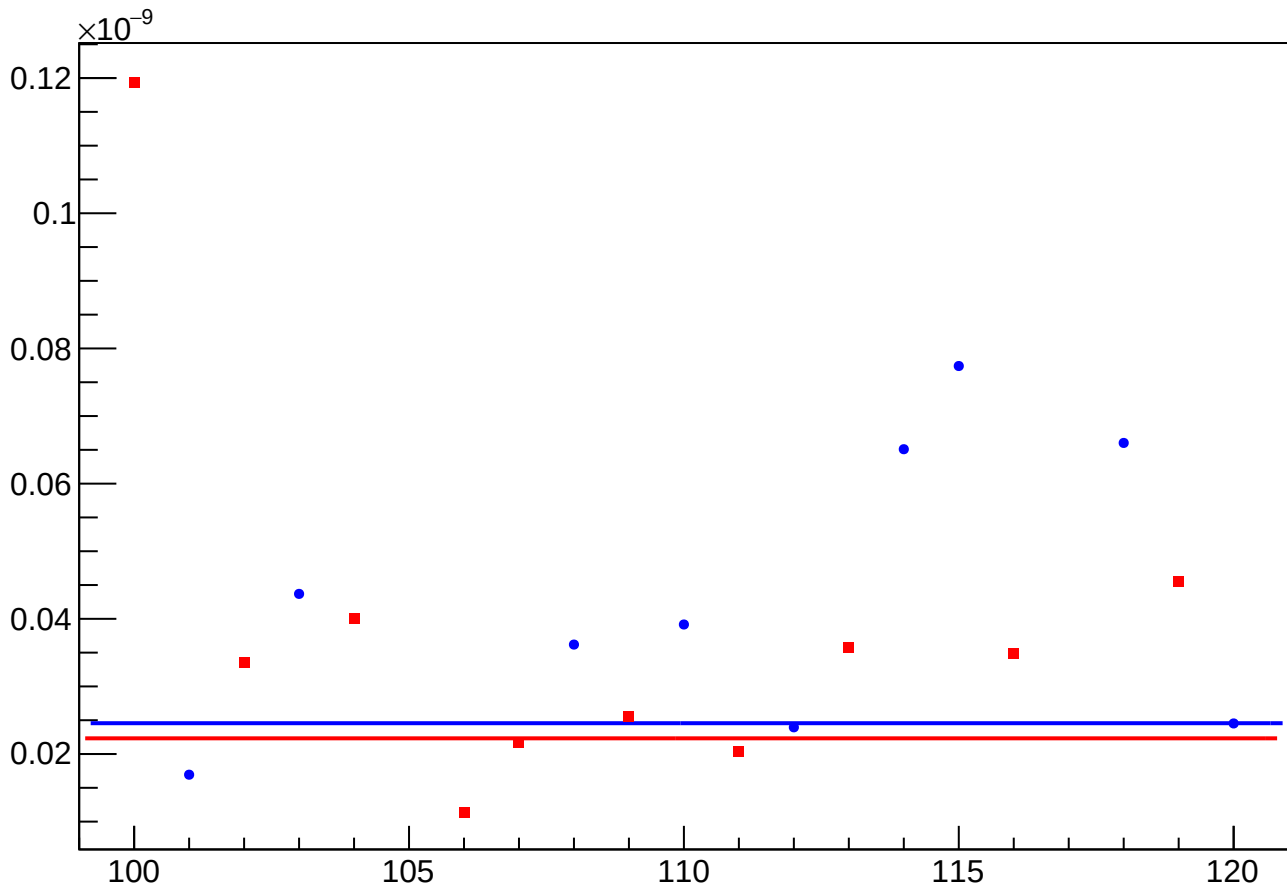
Right: -0.000+/-0.000 χ^2/NDF : 19.8/18

In: 0.000+/-0.000 χ^2/NDF : 7.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.8/18

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 542664.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 626246.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

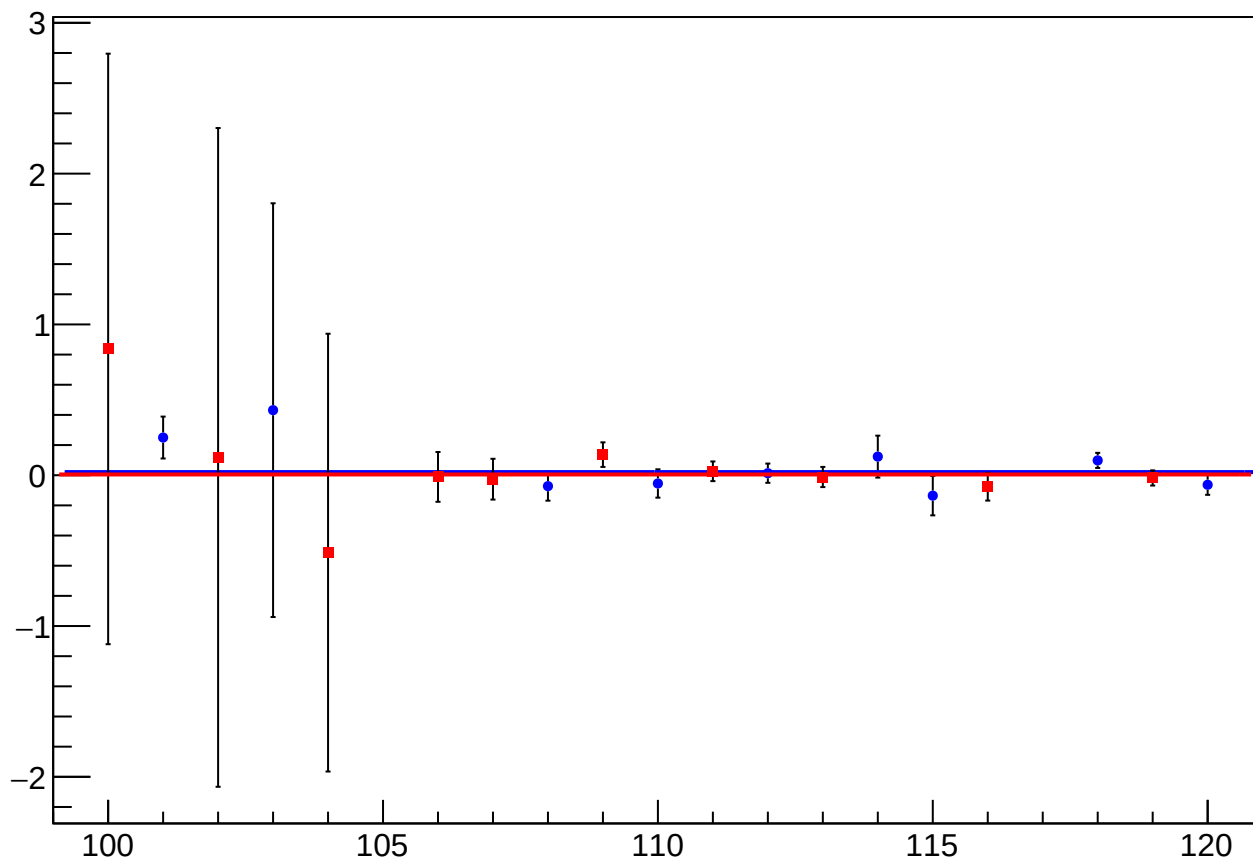
Right: 0.000+/-0.000 χ^2/NDF : 1179921.5/18

In: 0.000+/-0.000 χ^2/NDF : 542664.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1179921.5/18

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.028 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.029 χ^2/NDF : 4.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

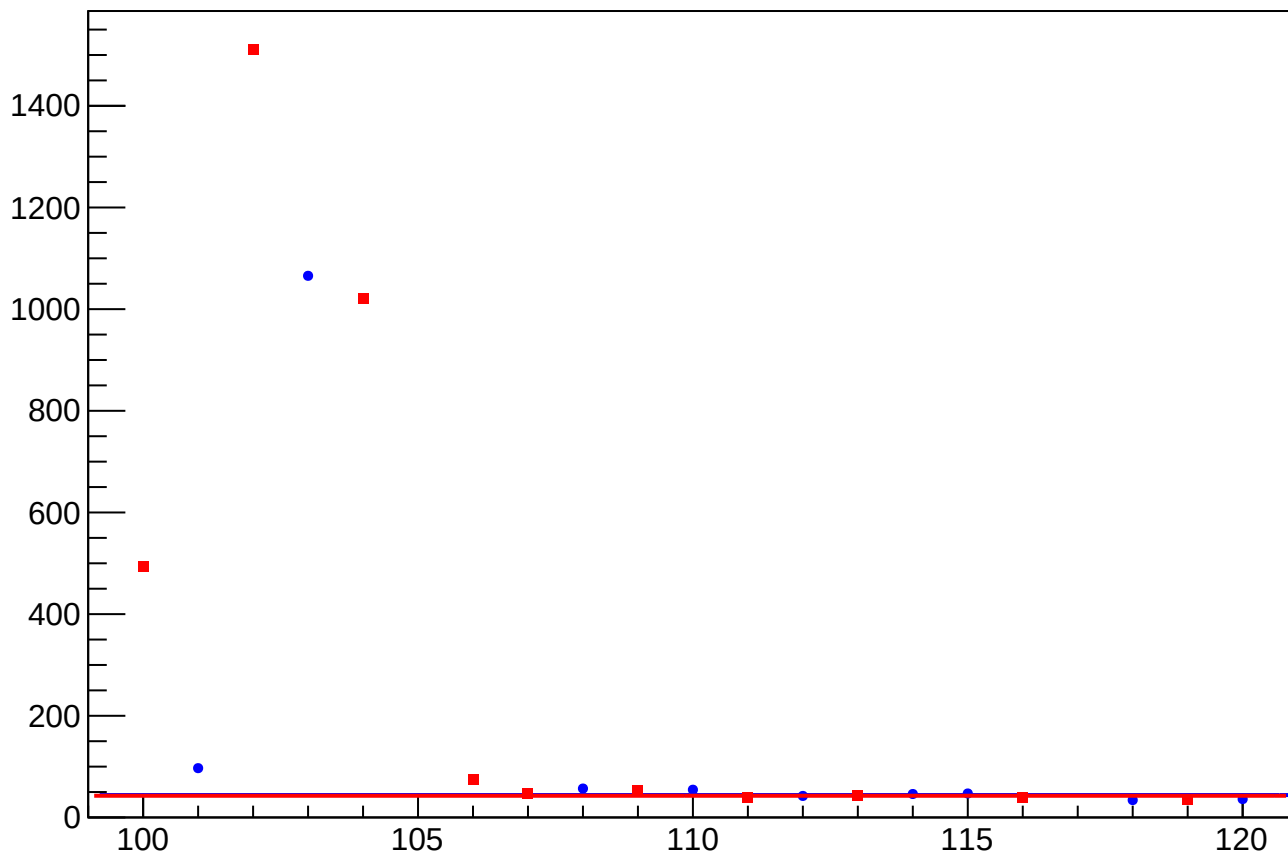
Right: 0.013+/-0.020 χ^2/NDF : 14.6/18

In: 0.021+/-0.028 χ^2/NDF : 10.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.020 χ^2/NDF : 14.6/18

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.078+/-0.020 χ^2/NDF : 1567898.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.701+/-0.020 χ^2/NDF : 2079381.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

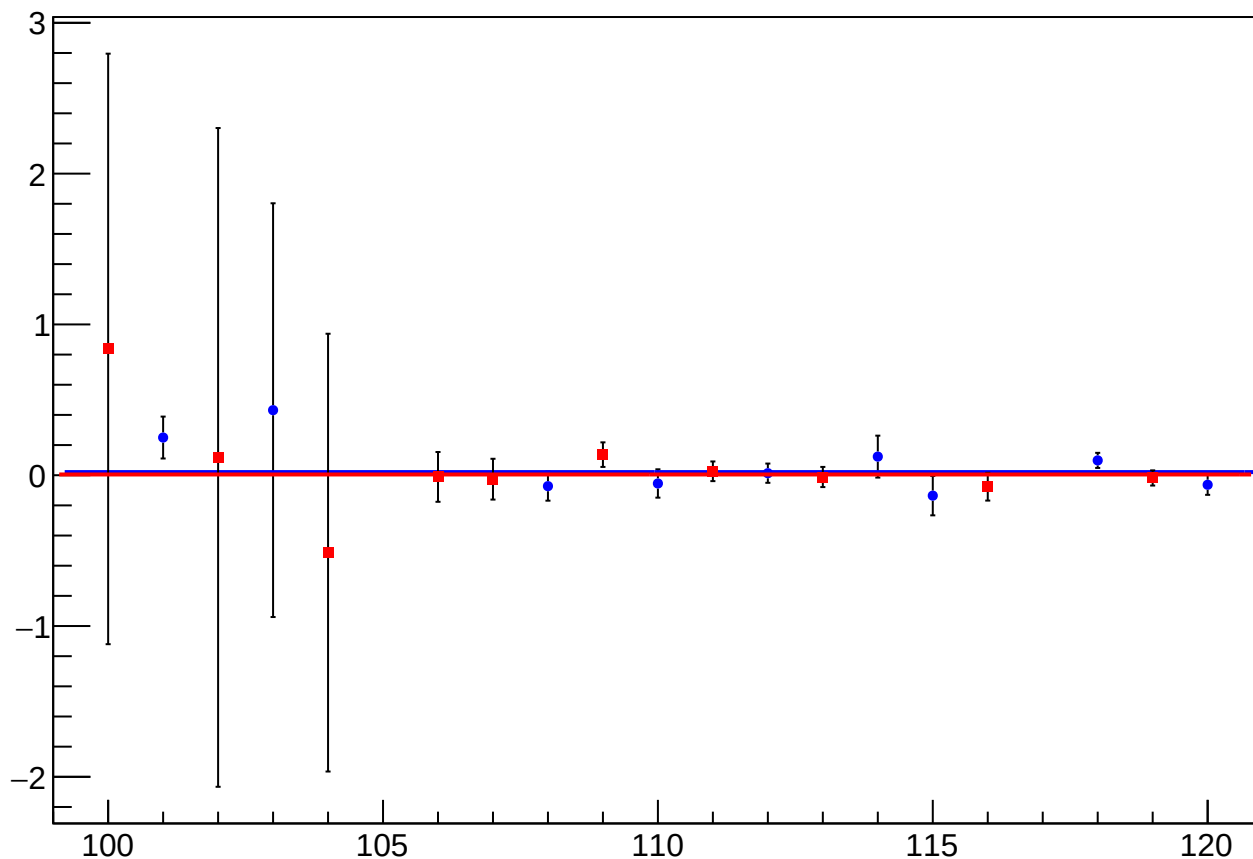
Right: 43.400+/-0.014 χ^2/NDF : 3649619.0/18

In: 44.078+/-0.020 χ^2/NDF : 1567898.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.400+/-0.014 χ^2/NDF : 3649619.0/18

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.028 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.029 χ^2/NDF : 4.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

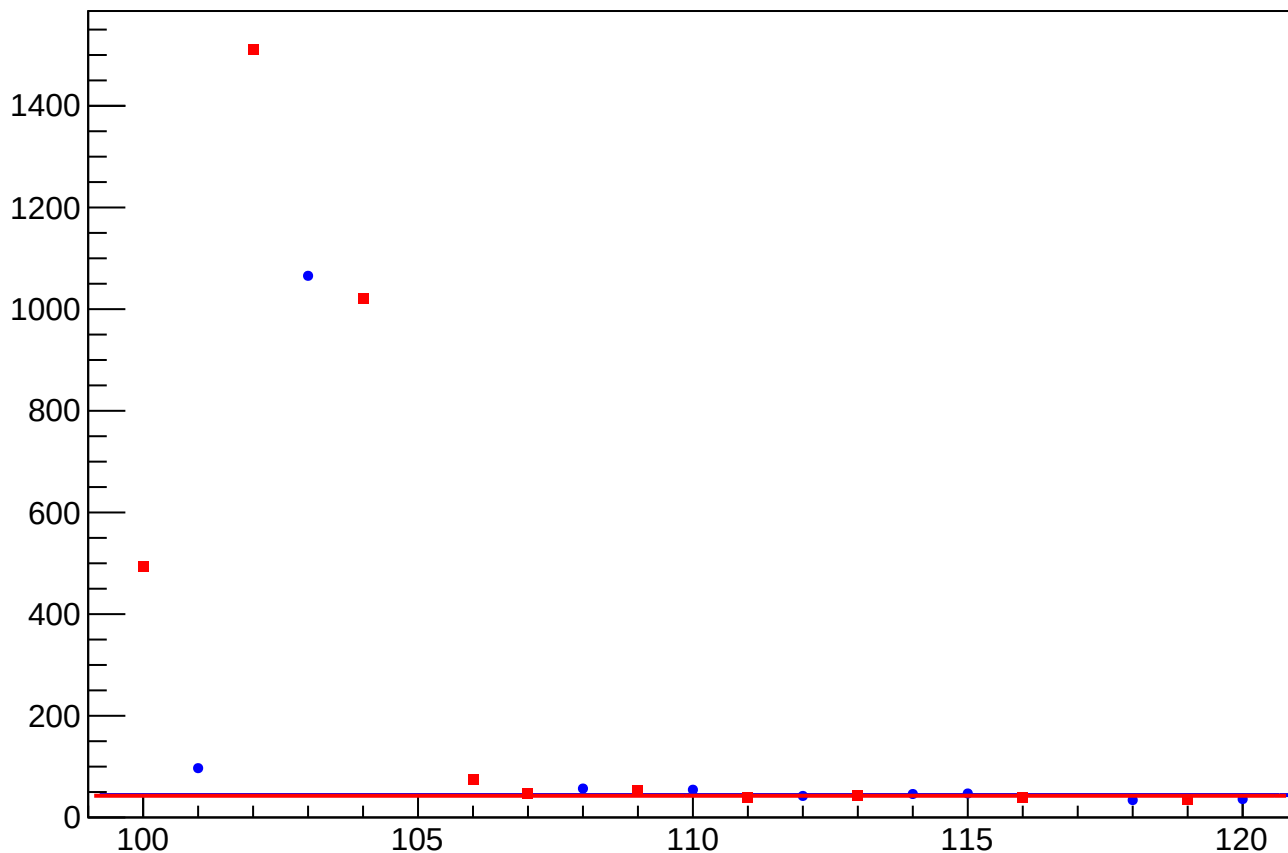
Right: 0.013+/-0.020 χ^2/NDF : 14.6/18

In: 0.021+/-0.028 χ^2/NDF : 10.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.020 χ^2/NDF : 14.6/18

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.078+/-0.020 χ^2/NDF : 1567898.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.701+/-0.020 χ^2/NDF : 2079381.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

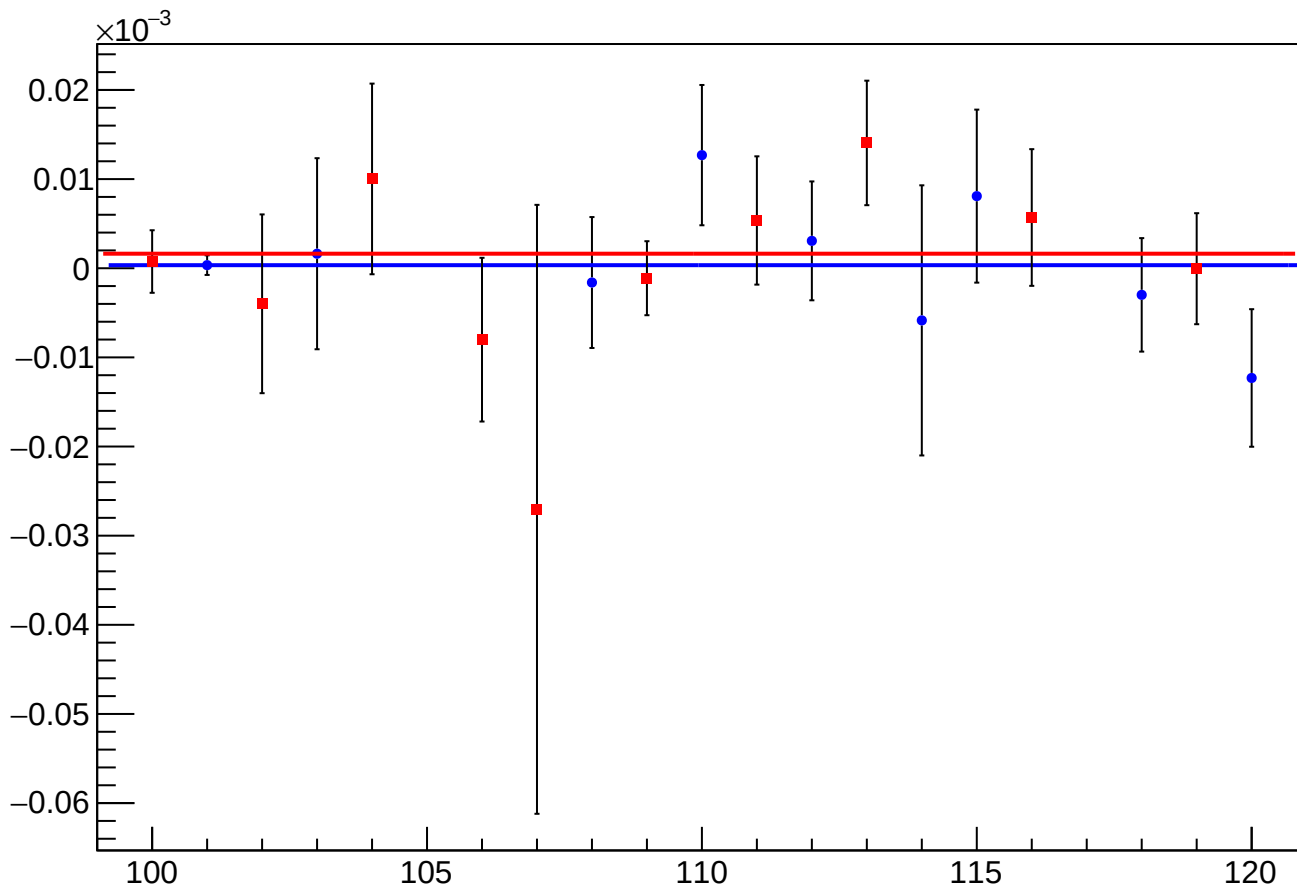
Right: 43.400+/-0.014 χ^2/NDF : 3649619.0/18

In: 44.078+/-0.020 χ^2/NDF : 1567898.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.400+/-0.014 χ^2/NDF : 3649619.0/18

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 : 6.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

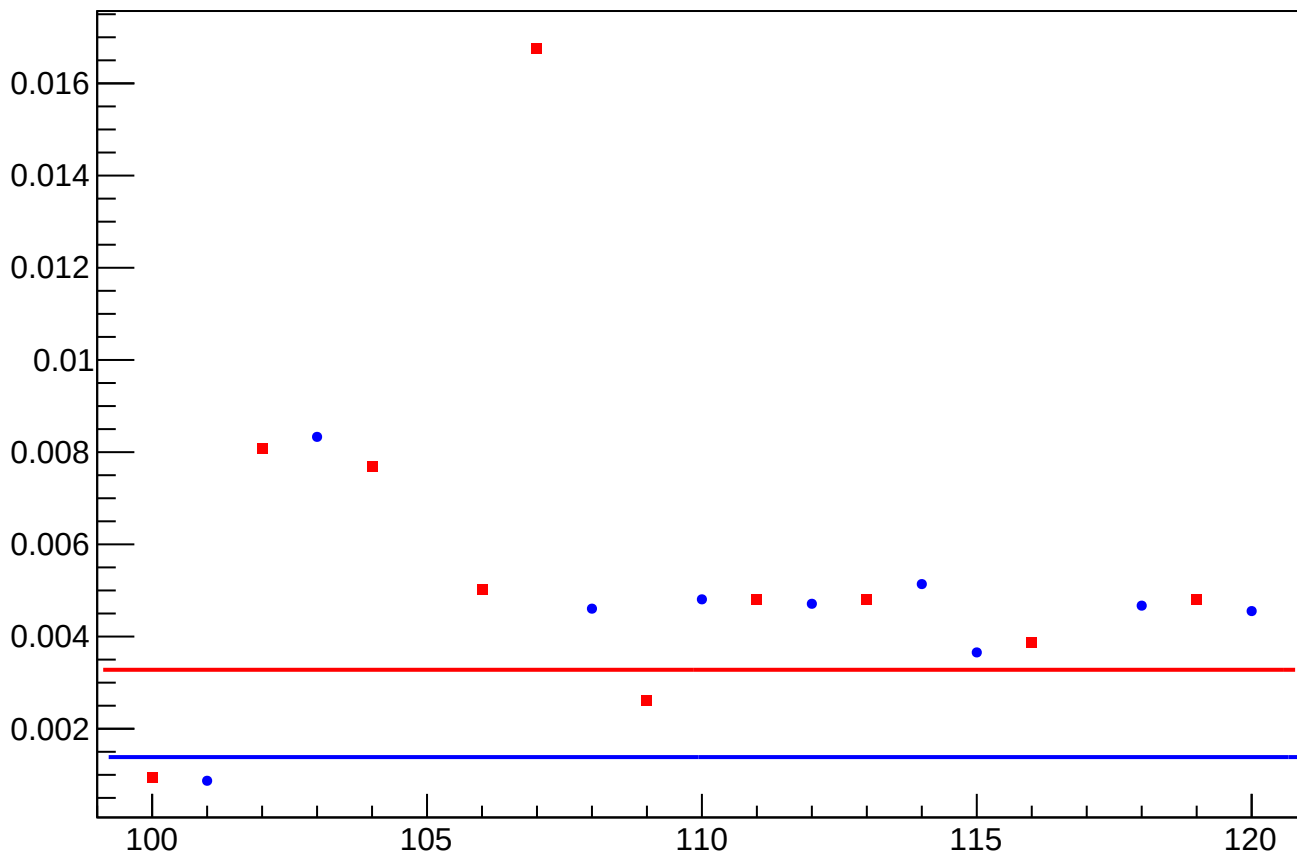
Right: 0.000+/-0.000 χ^2/NDF : 13.8/18

In: 0.000+/-0.000 χ^2/NDF : 6.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.8/18

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 3639187.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2434961.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

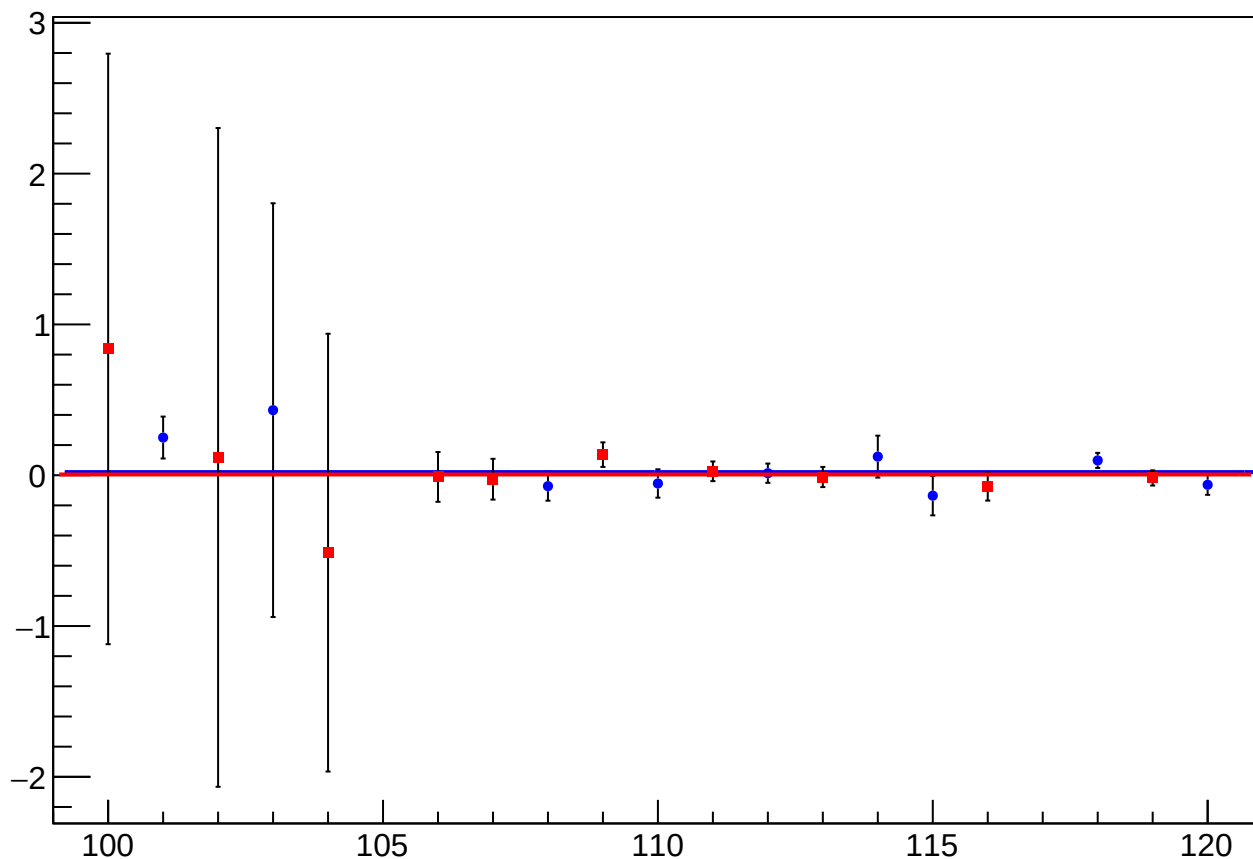
Right: 0.002+/-0.000 χ^2/NDF : 7508572.6/18

In: 0.001+/-0.000 χ^2/NDF :3639187.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 7508572.6/18

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.028 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.029 χ^2/NDF : 4.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

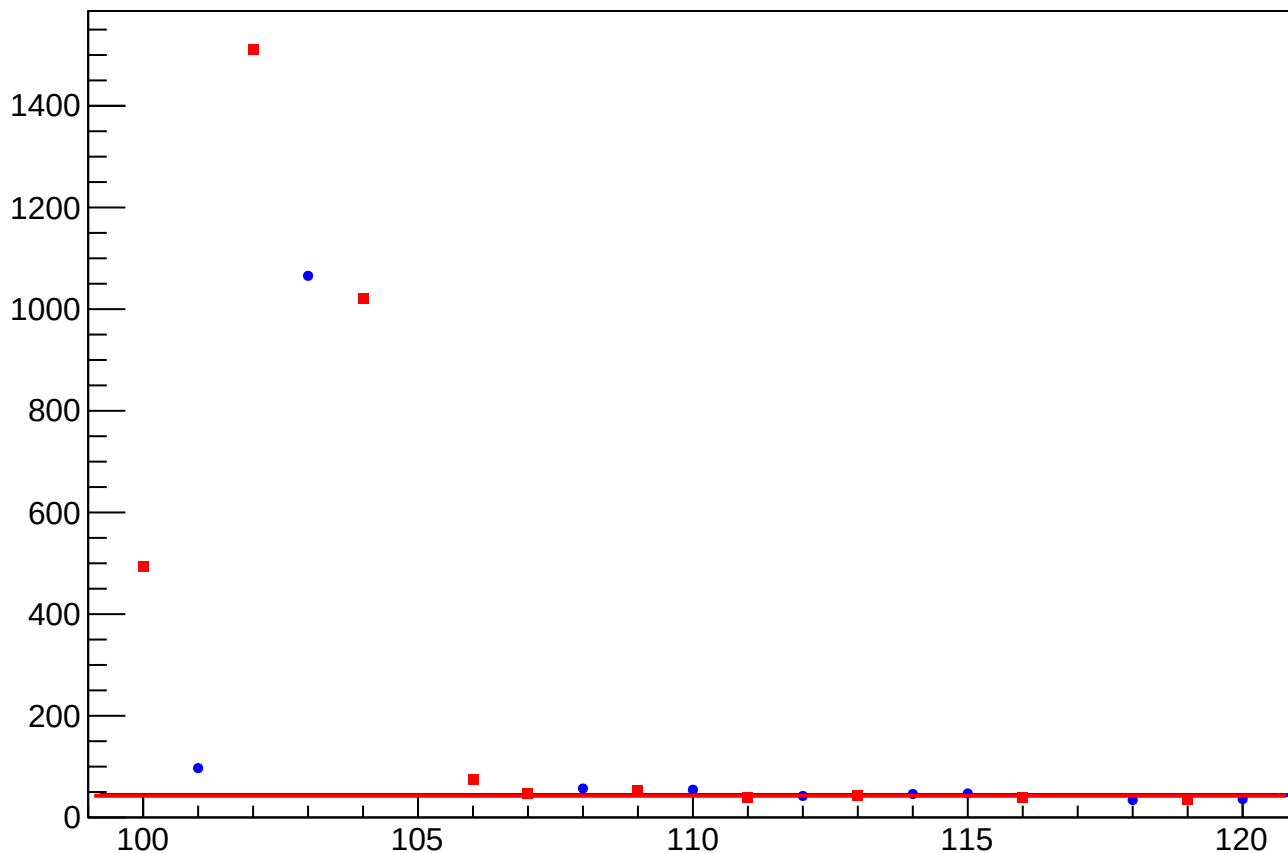
Right: 0.013+/-0.020 χ^2/NDF : 14.6/18

In: 0.021+/-0.028 χ^2/NDF : 10.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.020 χ^2/NDF : 14.6/18

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.079+/-0.020 χ^2/NDF : 1567872.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 42.700+/-0.020 χ^2/NDF : 2079416.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

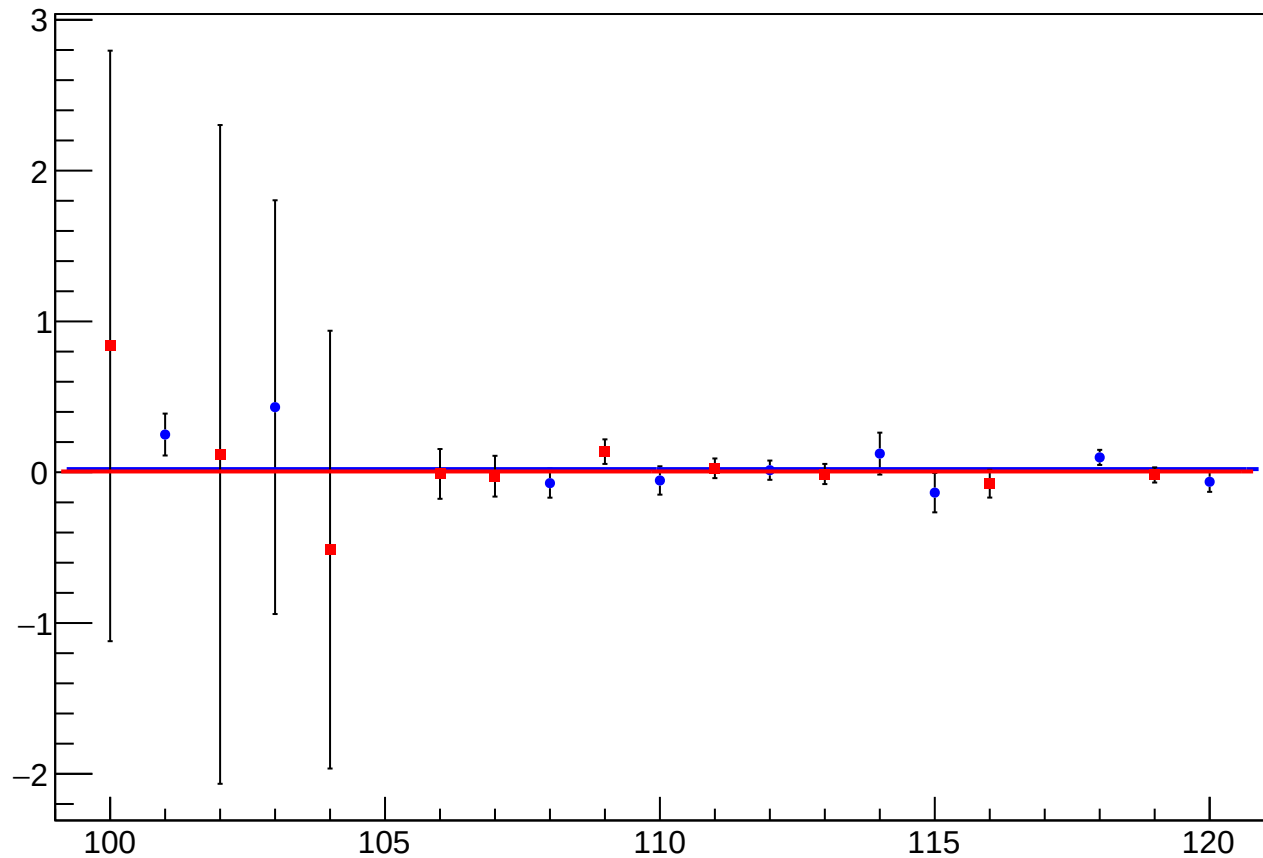
Right: 43.400+/-0.014 χ^2/NDF : 3649635.5/18

In: 44.079+/-0.020 χ^2/NDF :1567872.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 43.400+/-0.014 χ^2/NDF : 3649635.5/18

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.028 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.029 χ^2/NDF : 4.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

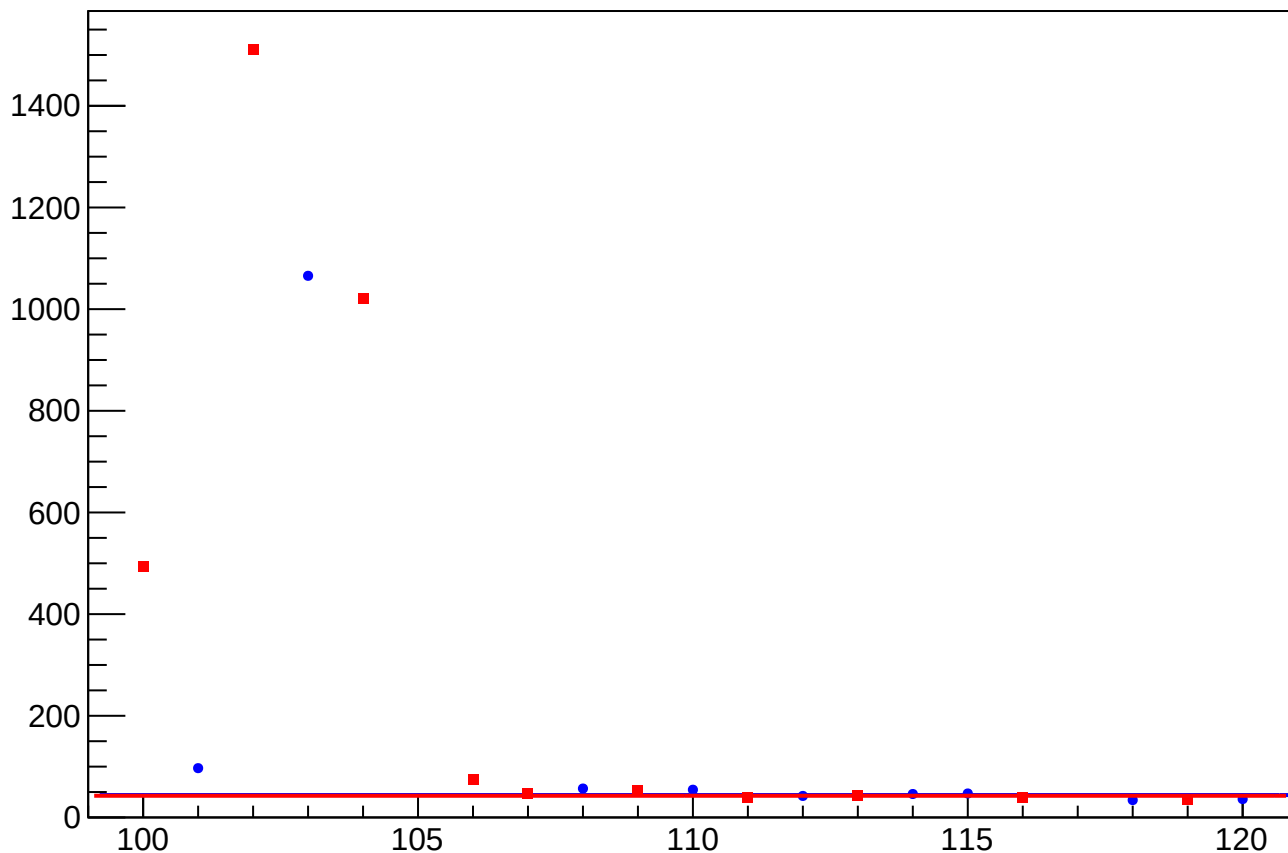
Right: 0.013+/-0.020 χ^2/NDF : 14.6/18

In: 0.021+/-0.028 χ^2/NDF : 10.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.020 χ^2/NDF : 14.6/18

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.079+/-0.020 χ^2/NDF : 1567872.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.700+/-0.020 χ^2/NDF : 2079416.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

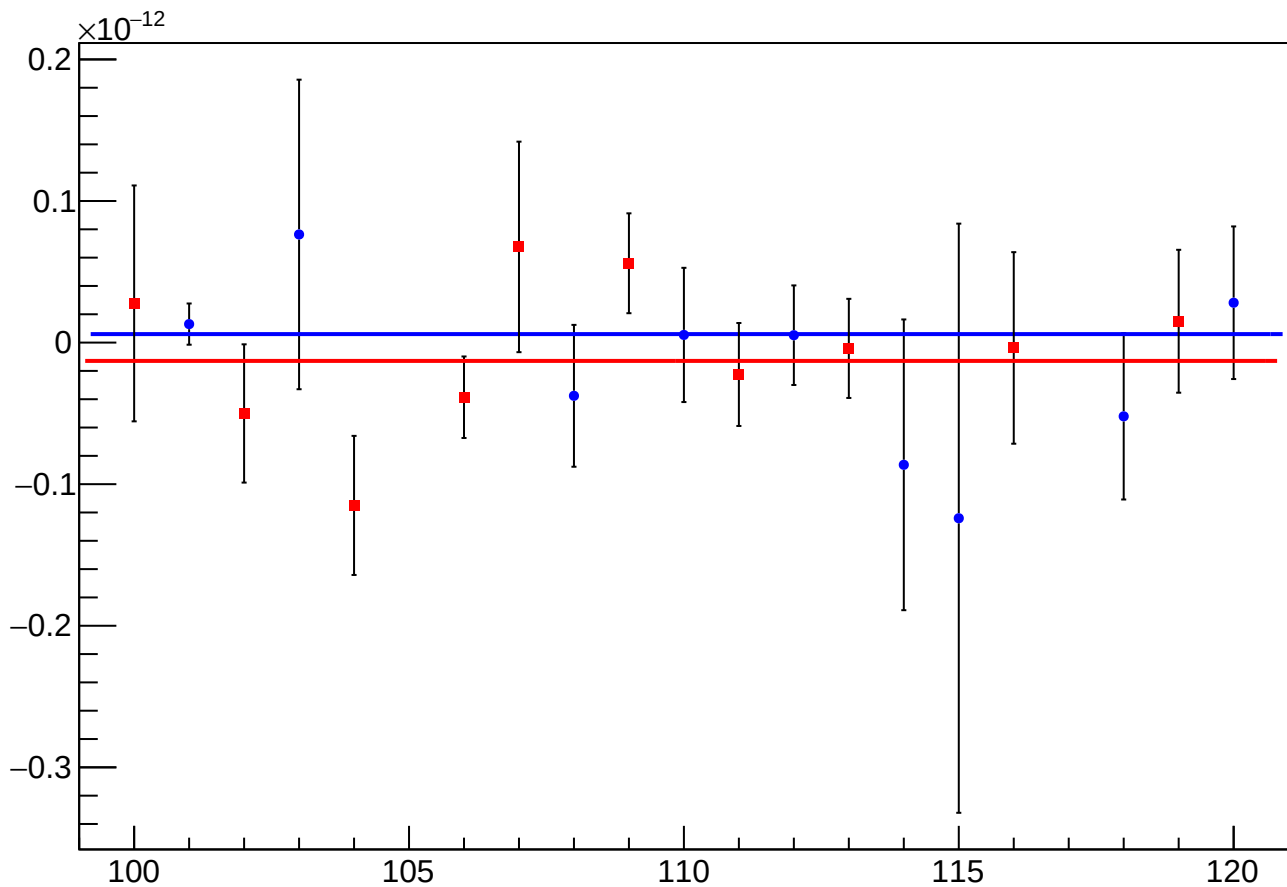
Right: 43.400+/-0.014 χ^2/NDF : 3649635.5/18

In: 44.079+/-0.020 χ^2/NDF : 1567872.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.400+/-0.014 χ^2/NDF : 3649635.5/18

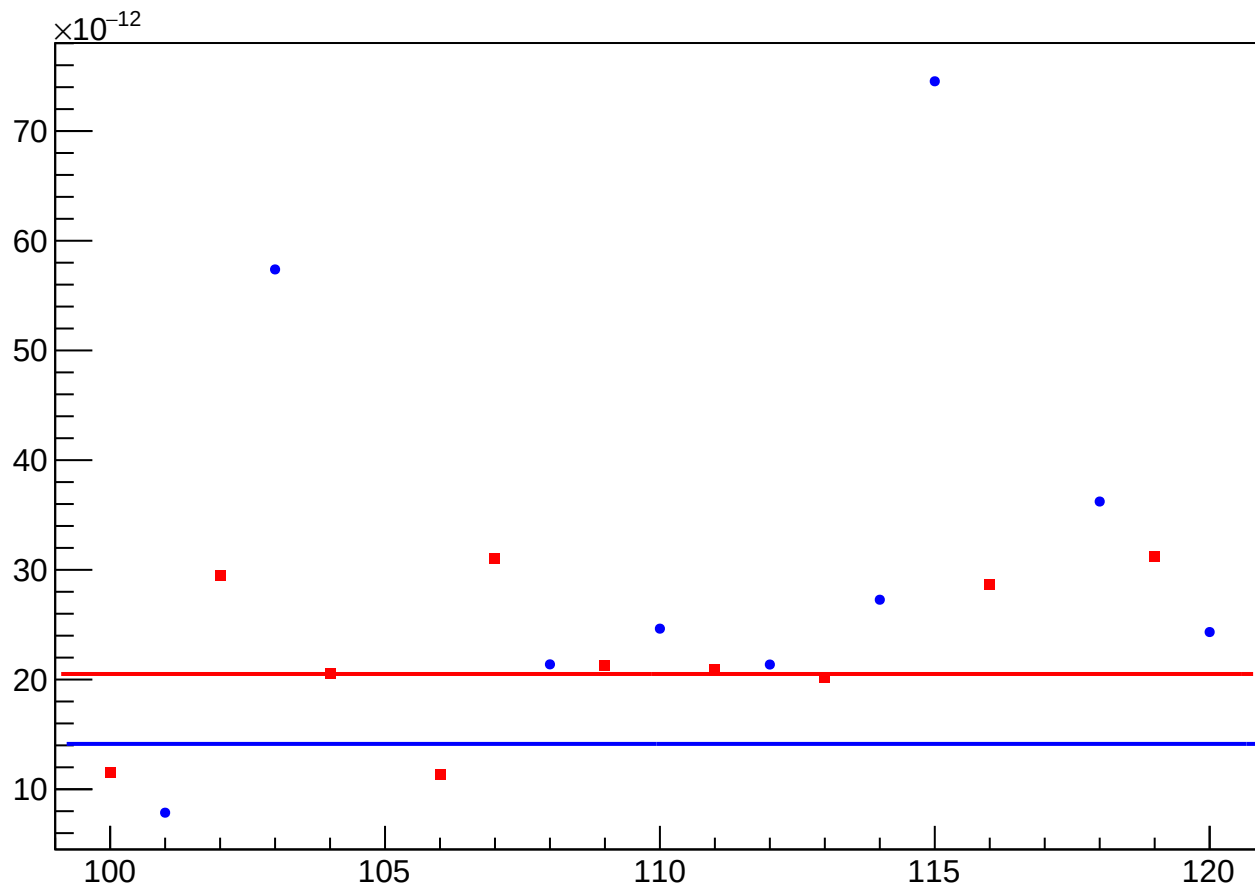
asym_us_avg_at1lr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.8/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 11.4/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 16.2/18
 In: 0.000+/-0.000 χ^2/NDF : 3.8/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 16.2/18

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 : 1464938.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 453522.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

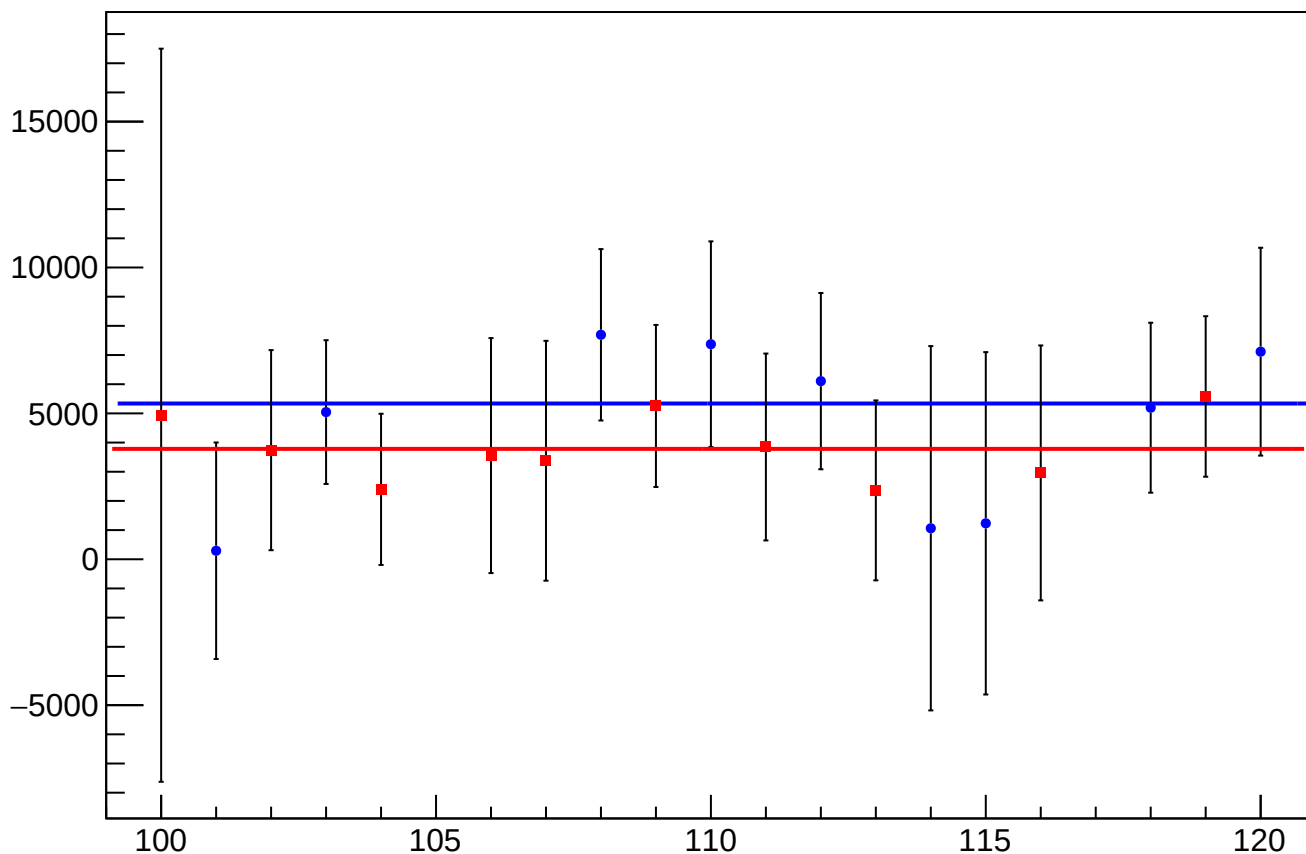
Right: 0.000+/-0.000 χ^2/NDF : 2168044.4/18

In: 0.000+/-0.000 χ^2/NDF : 1464938.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2168044.4/18

reg_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5338.383+/-1121.700 χ^2/NDF : 4.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3783.723+/-1067.138 χ^2/NDF : 1.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

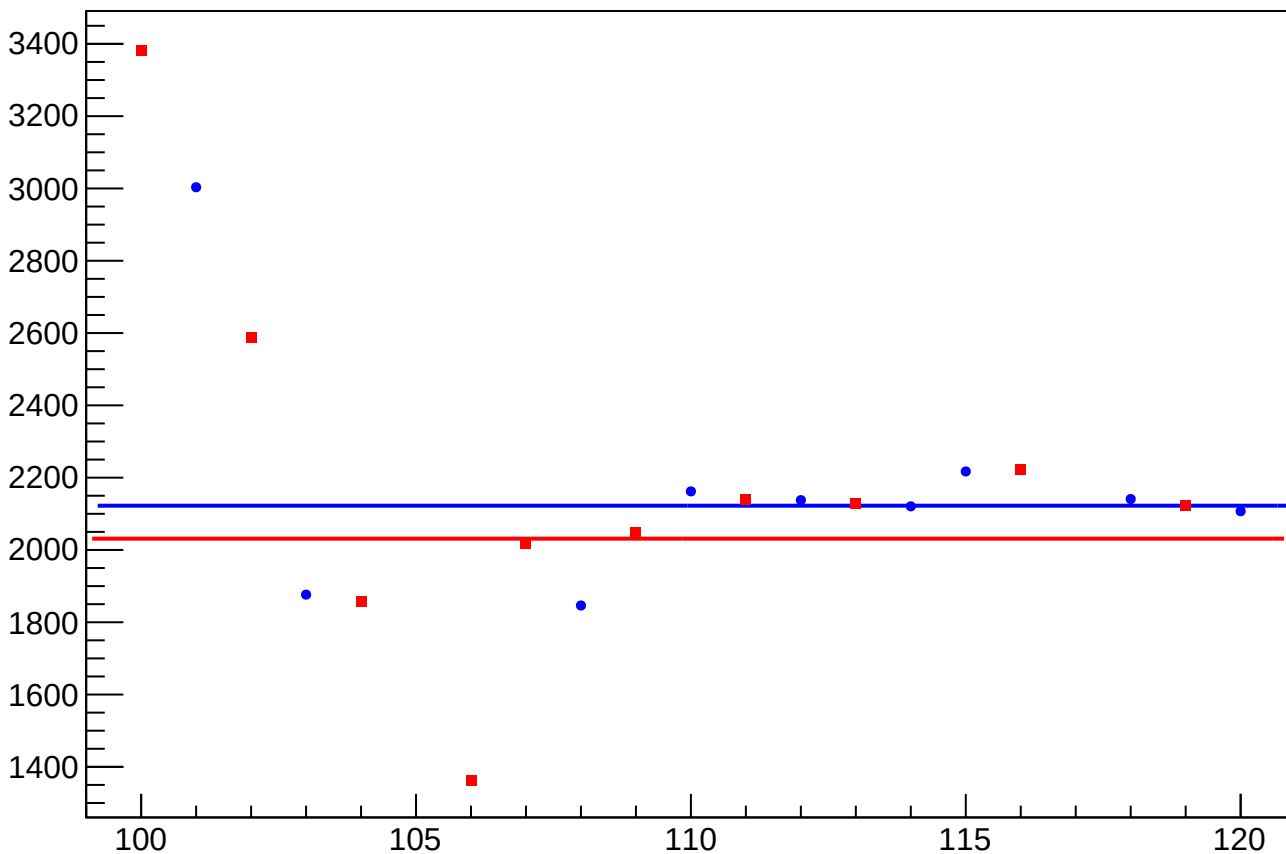
Right: 4522.323+/-773.150 χ^2/NDF : 6.4/18

In: 5338.383+/-1121.700 χ^2/NDF : 4.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4522.323+/-773.150 χ^2/NDF : 6.4/18

reg_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2122.407 $\pm$ 0.793 χ^2 /NDF: 151279.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2031.267 $\pm$ 0.734 χ^2 /NDF: 194587.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

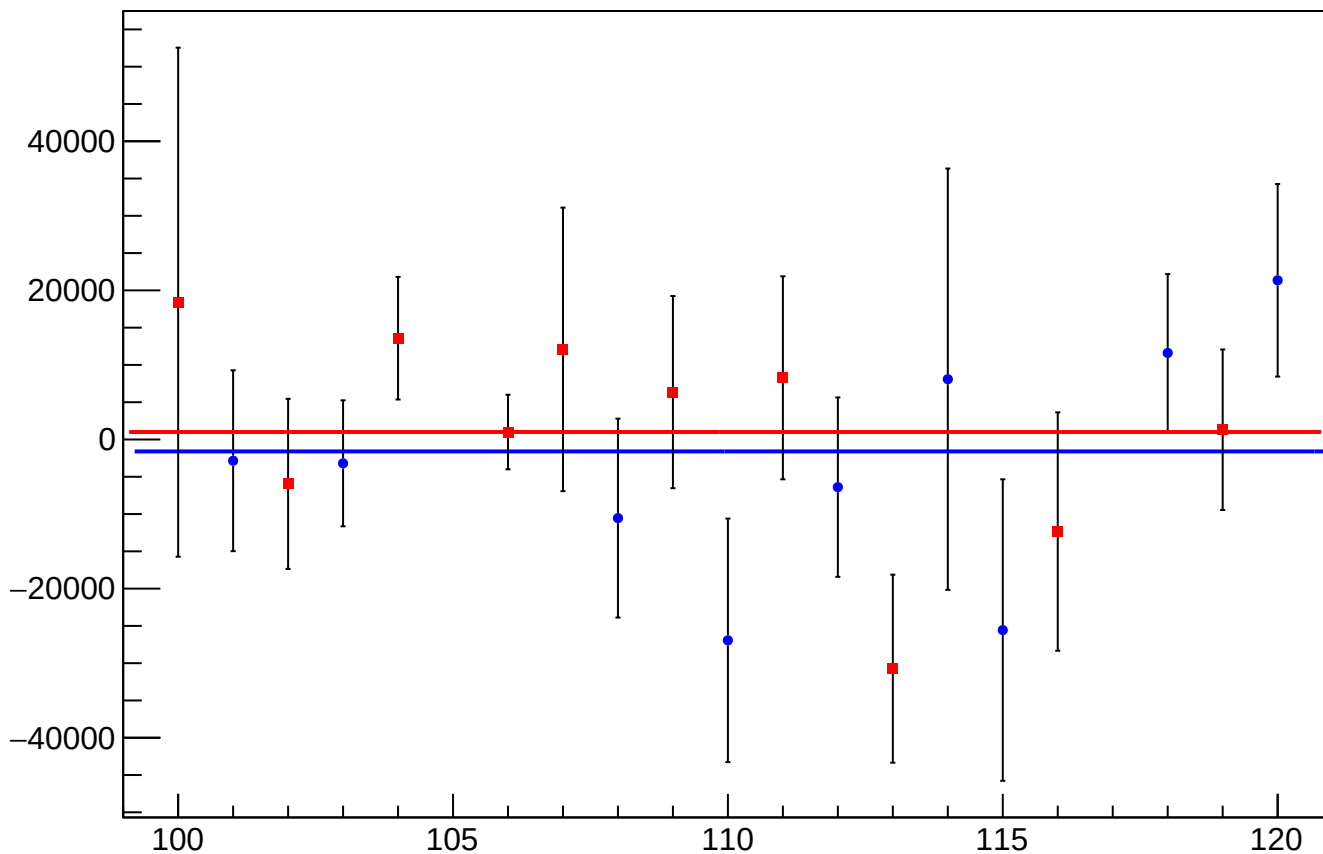
Right: 2073.317 $\pm$ 0.539 χ^2 /NDF: 352979.4/18

In: 2122.407 $\pm$ 0.793 χ^2 /NDF:151279.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2073.317 $\pm$ 0.539 χ^2 /NDF: 352979.4/18

asym_us_avg_at2lr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1600.977+/-4236.559 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1007.405+/-3221.667 χ^2/NDF : 10.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

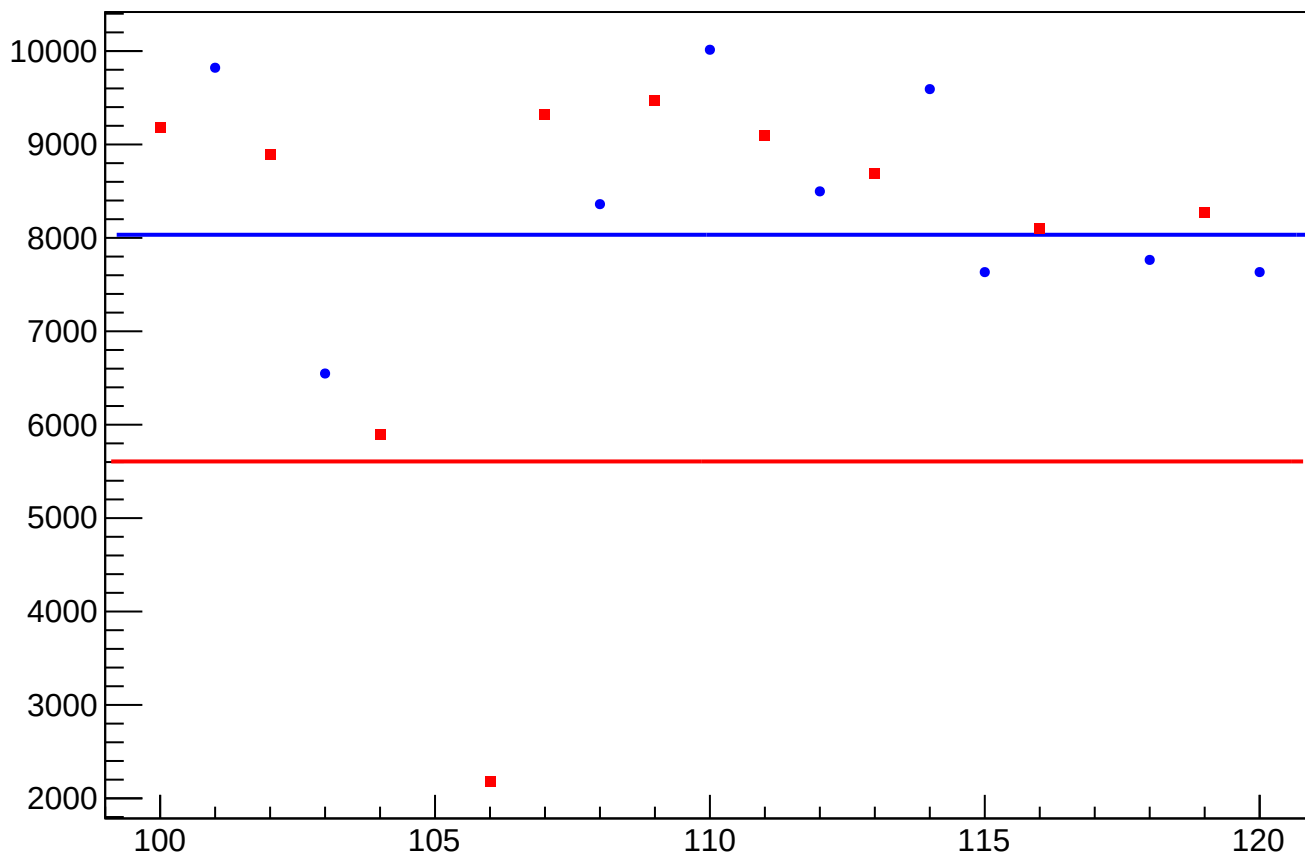
Right: 51.702+/-2564.421 χ^2/NDF : 20.3/18

In: -1600.977+/-4236.559 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.702+/-2564.421 χ^2/NDF : 20.3/18

asym_us_avg_at2lr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 8033.348+/-2.996 χ^2/NDF : 148982.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5606.663+/-2.278 χ^2/NDF : 1807317.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

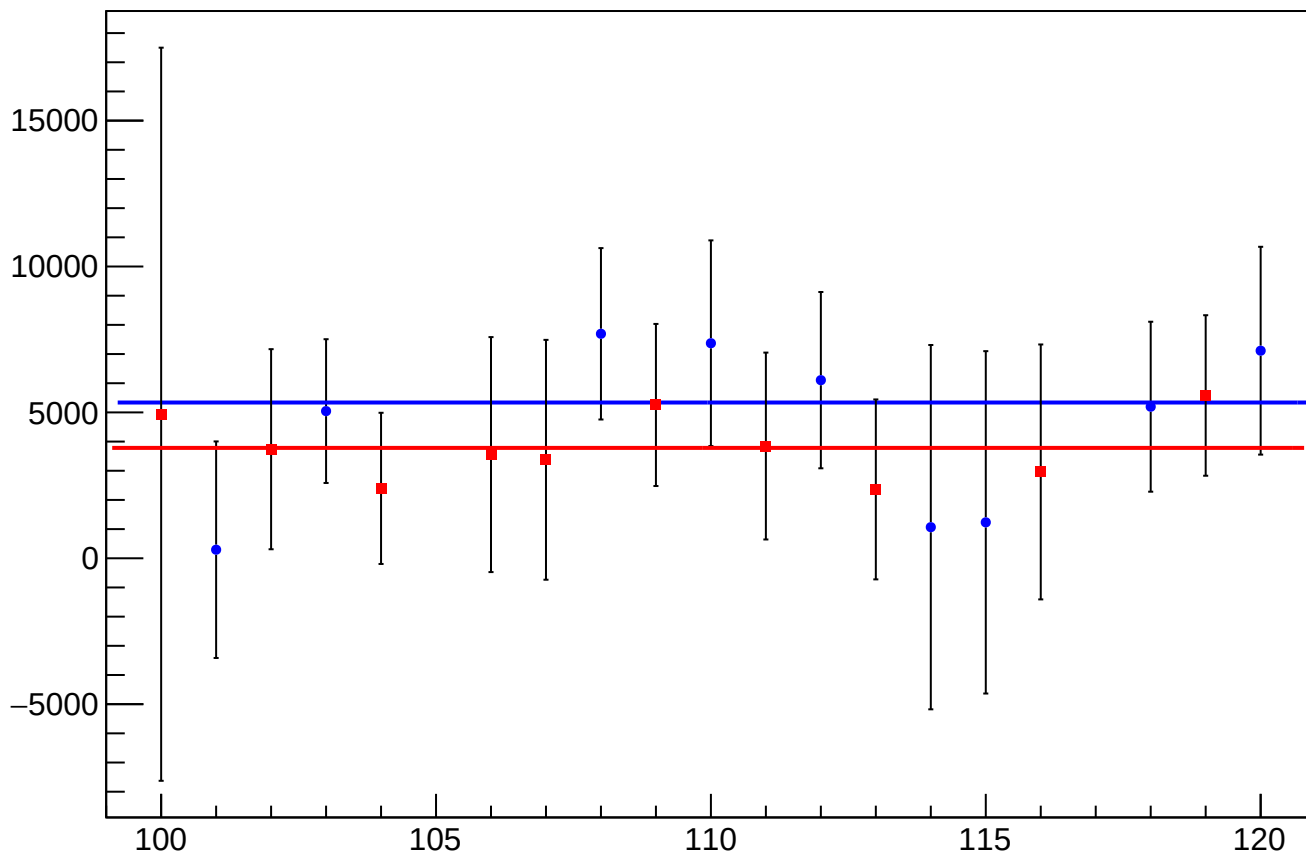
Right: 6495.793+/-1.813 χ^2/NDF : 2372064.8/18

In: 8033.348+/-2.996 χ^2/NDF : 148982.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6495.793+/-1.813 χ^2/NDF : 2372064.8/18

cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5338.672+/-1121.700 χ^2/NDF : 4.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3783.399+/-1067.138 χ^2/NDF : 1.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

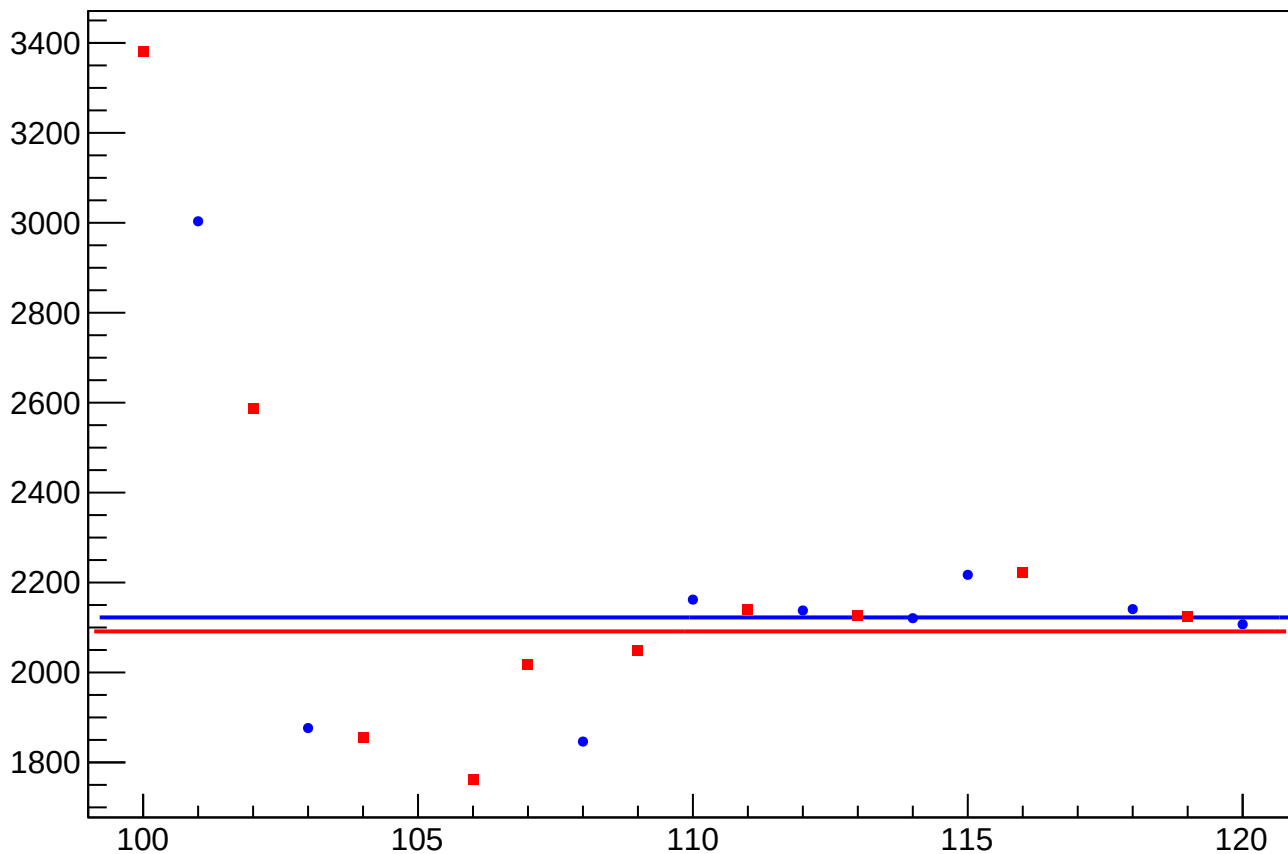
Right: 4522.291+/-773.150 χ^2/NDF : 6.4/18

In: 5338.672+/-1121.700 χ^2/NDF : 4.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4522.291+/-773.150 χ^2/NDF : 6.4/18

cor_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2122.407+/-0.793 χ^2/NDF : 151280.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2091.300+/-0.748 χ^2/NDF : 100002.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

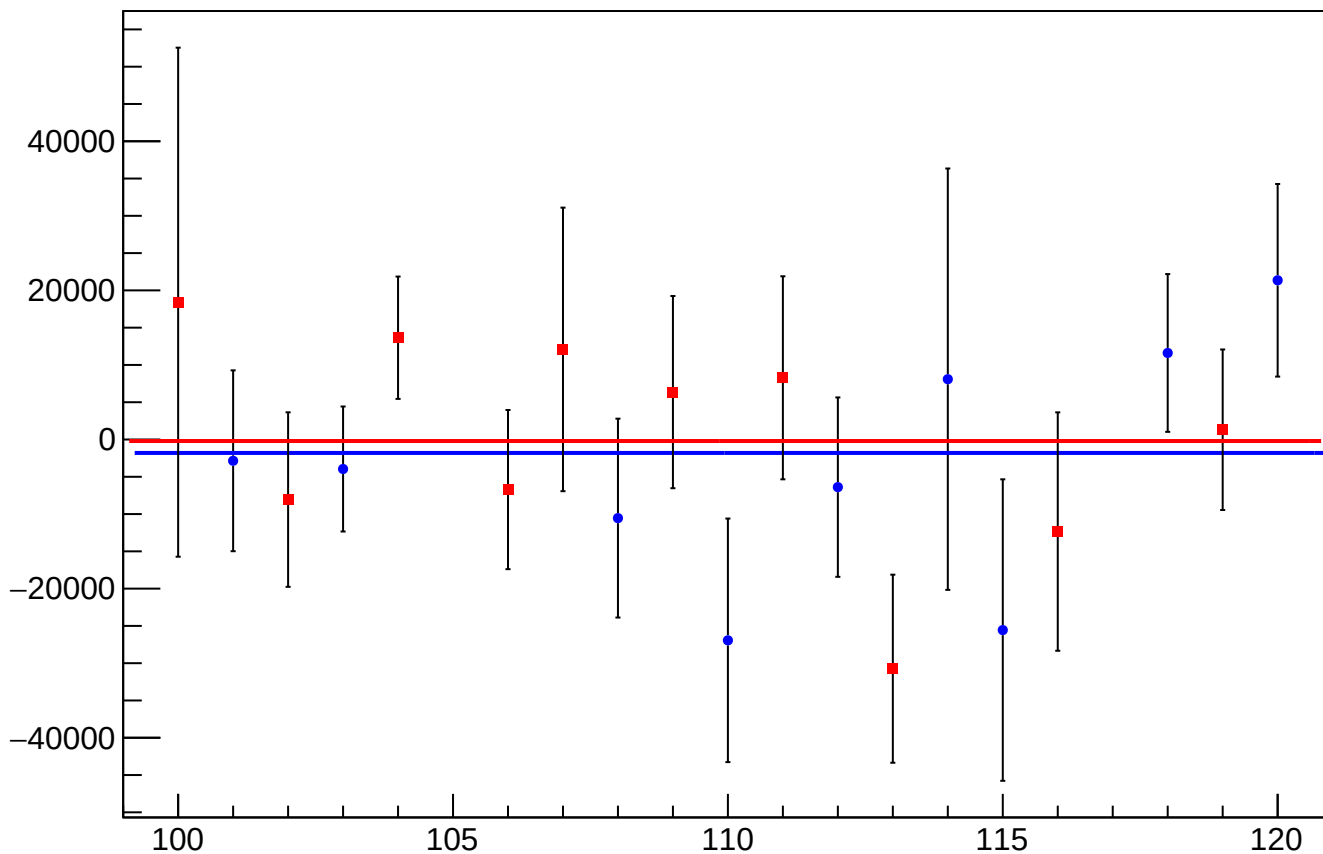
Right: 2105.945+/-0.544 χ^2/NDF : 252096.6/18

In: 2122.407+/-0.793 χ^2/NDF : 151280.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2105.945+/-0.544 χ^2/NDF : 252096.6/18

asym_us_avg_at2lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1801.576+/-4228.381 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -202.367+/-3928.236 χ^2/NDF : 11.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

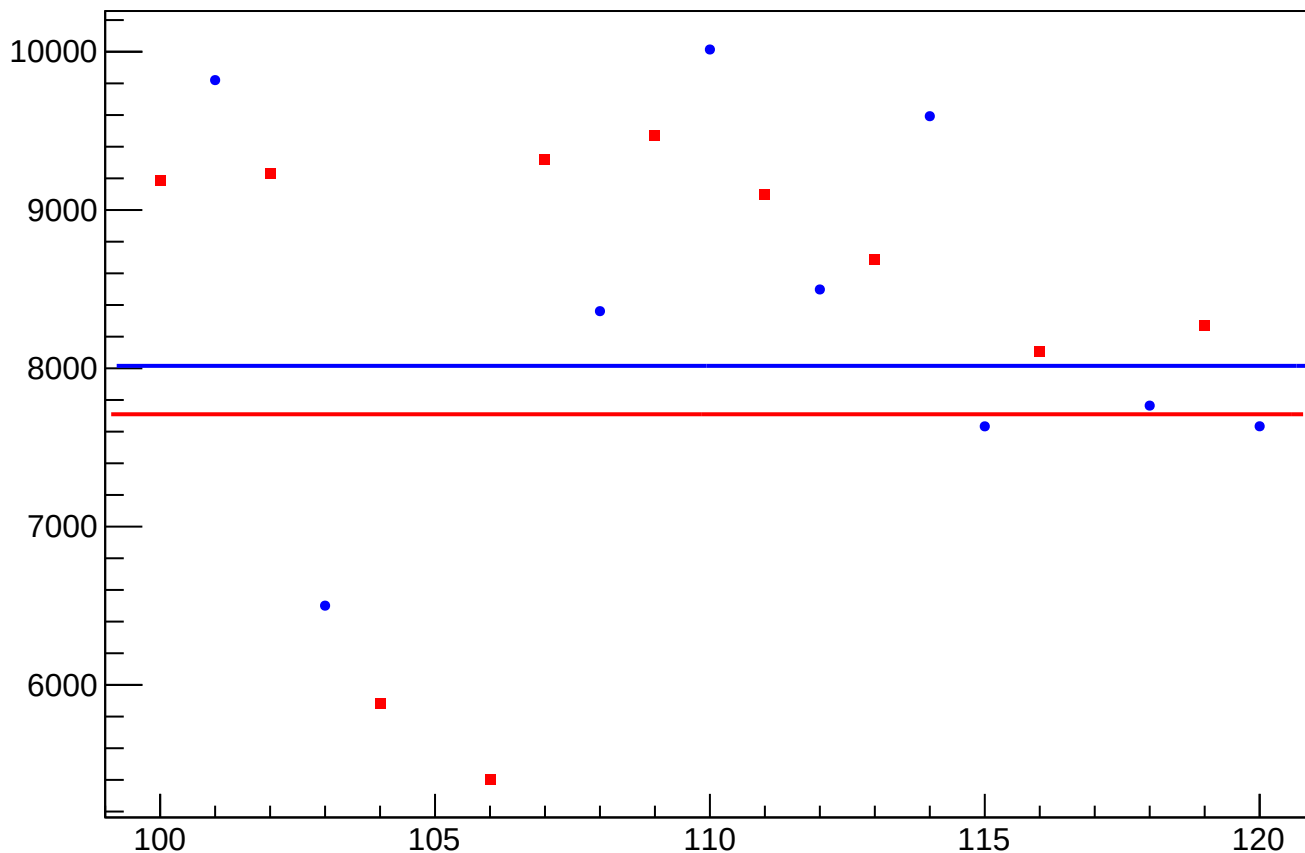
Right: -943.204+/-2877.947 χ^2/NDF : 20.9/18

In: -1801.576+/-4228.381 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -943.204+/-2877.947 χ^2/NDF : 20.9/18

asym_us_avg_at2lr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 8015.539+/-2.990 χ^2/NDF : 153924.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7709.757+/-2.778 χ^2/NDF : 321623.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

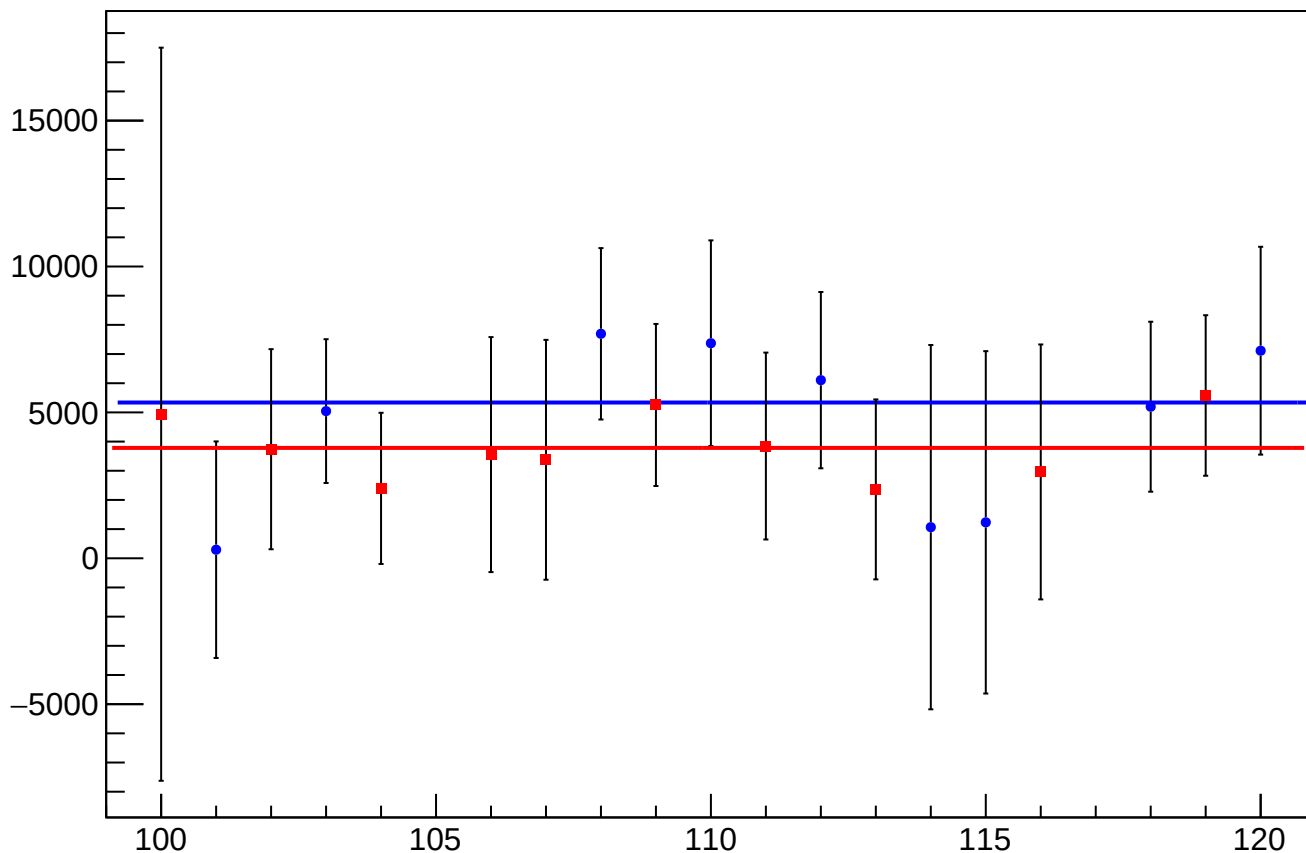
Right: 7851.411+/-2.035 χ^2/NDF : 481161.4/18

In: 8015.539+/-2.990 χ^2/NDF : 153924.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7851.411+/-2.035 χ^2/NDF : 481161.4/18

eigen_cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5338.672+/-1121.700 χ^2/NDF : 4.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3783.399+/-1067.138 χ^2/NDF : 1.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

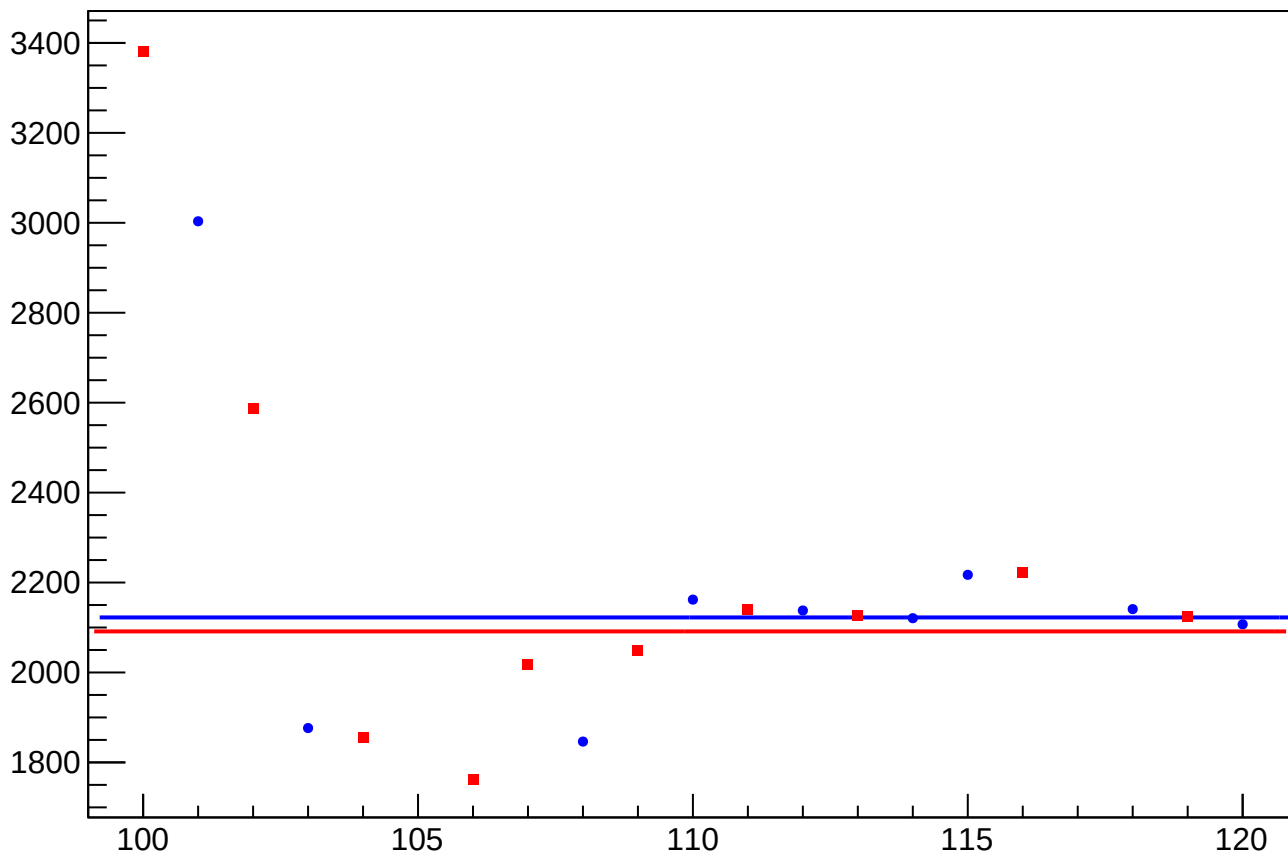
Right: 4522.291+/-773.150 χ^2/NDF : 6.4/18

In: 5338.672+/-1121.700 χ^2/NDF : 4.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4522.291+/-773.150 χ^2/NDF : 6.4/18

eigen_cor_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2122.407+/-0.793 χ^2/NDF : 151280.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2091.300+/-0.748 χ^2/NDF : 100002.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

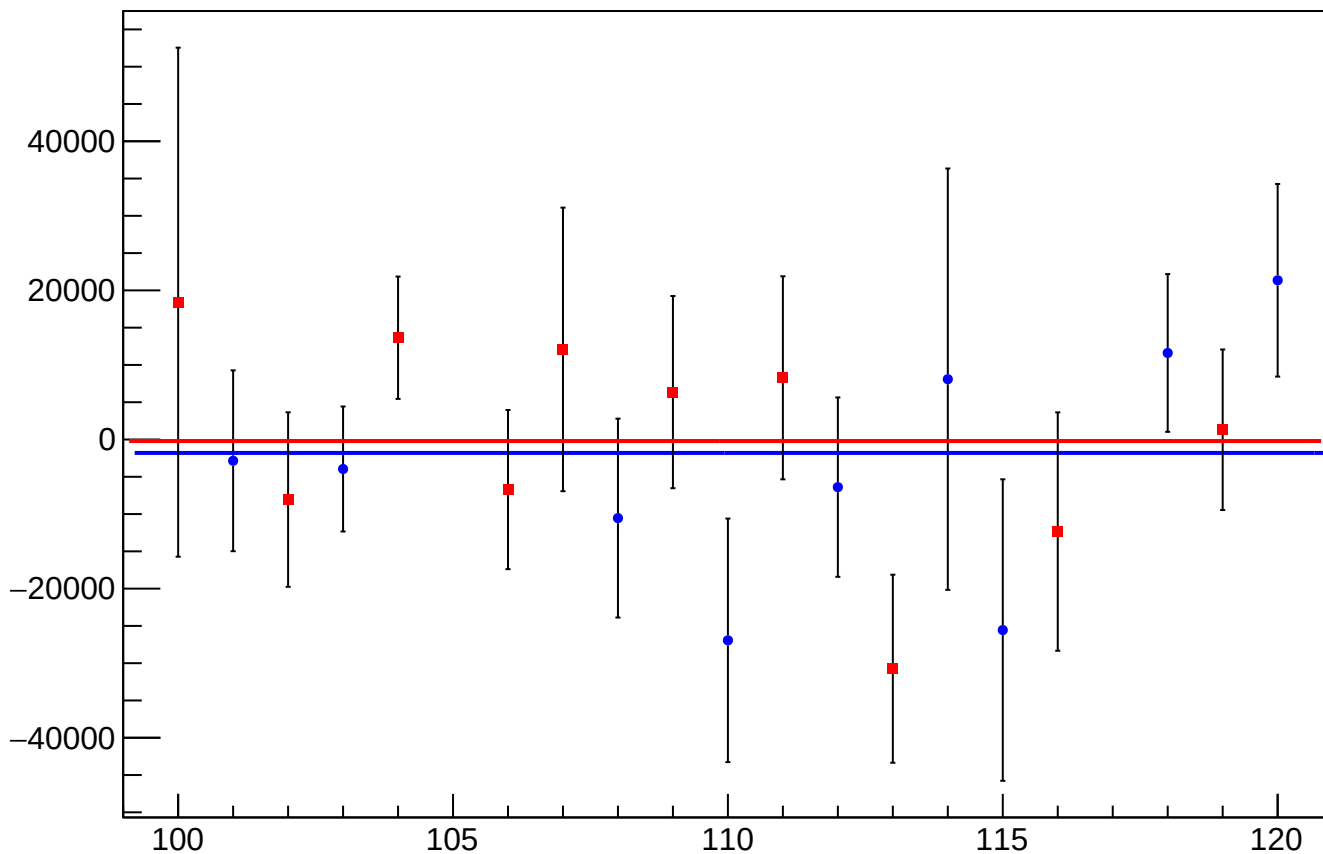
Right: 2105.945+/-0.544 χ^2/NDF : 252096.6/18

In: 2122.407+/-0.793 χ^2/NDF : 151280.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2105.945+/-0.544 χ^2/NDF : 252096.6/18

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1801.576+/-4228.381 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -202.367+/-3928.236 χ^2/NDF : 11.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

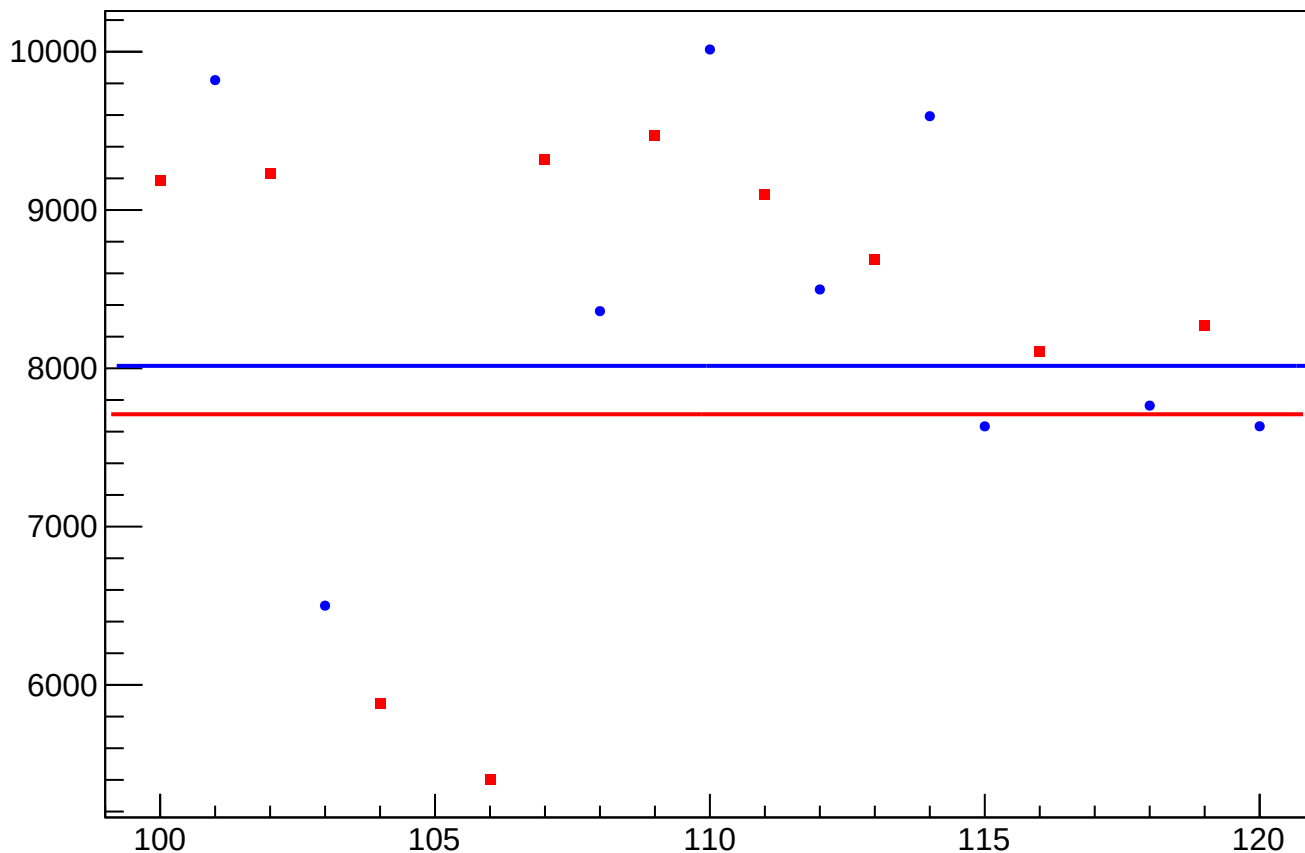
Right: -943.204+/-2877.947 χ^2/NDF : 20.9/18

In: -1801.576+/-4228.381 χ^2/NDF :9.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -943.204+/-2877.947 χ^2/NDF : 20.9/18

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 8015.539+/-2.990 χ^2/NDF : 153924.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7709.757+/-2.778 χ^2/NDF : 321623.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

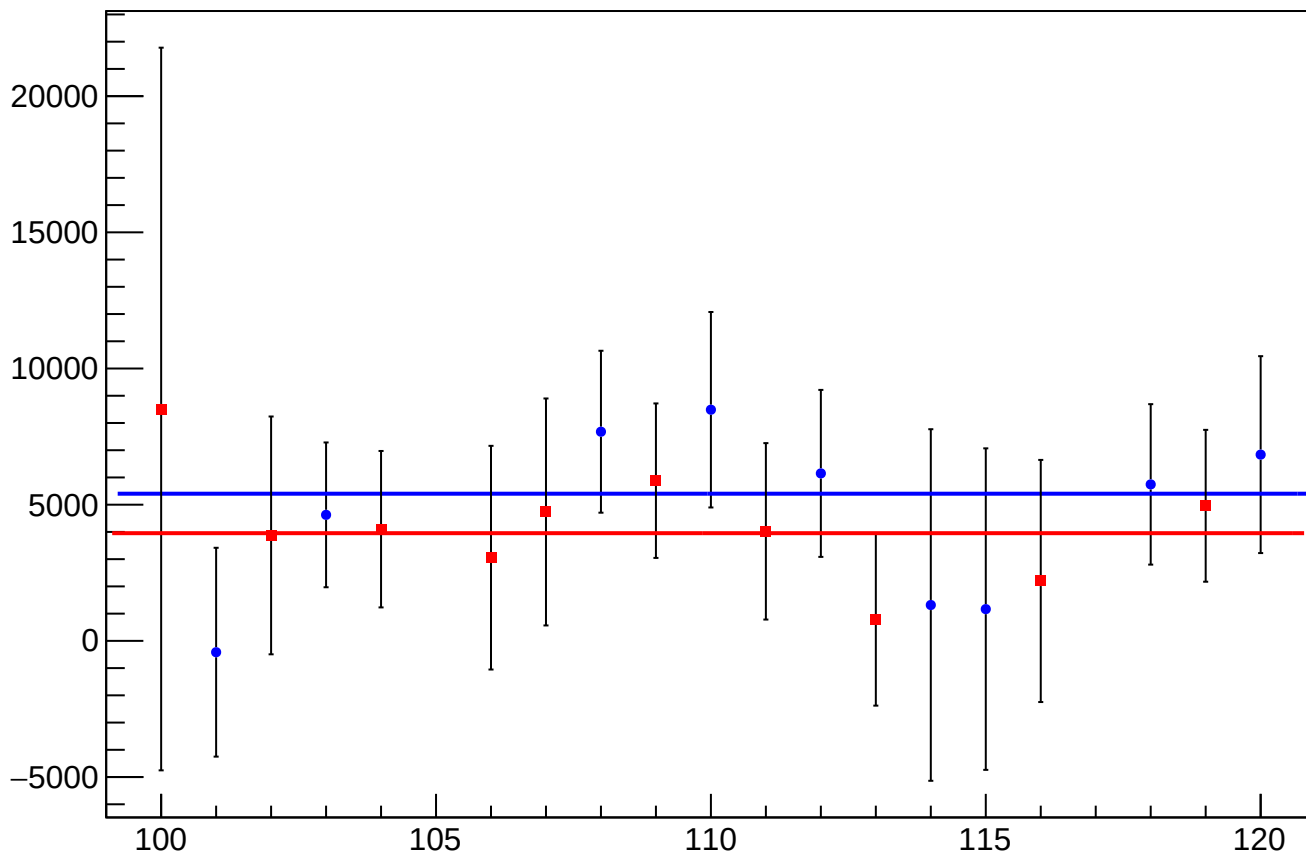
Right: 7851.411+/-2.035 χ^2/NDF : 481161.4/18

In: 8015.539+/-2.990 χ^2/NDF : 153924.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7851.411+/-2.035 χ^2/NDF : 481161.4/18

dit_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5403.326+/-1153.707 χ^2/NDF : 4.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3954.027+/-1121.319 χ^2/NDF : 2.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

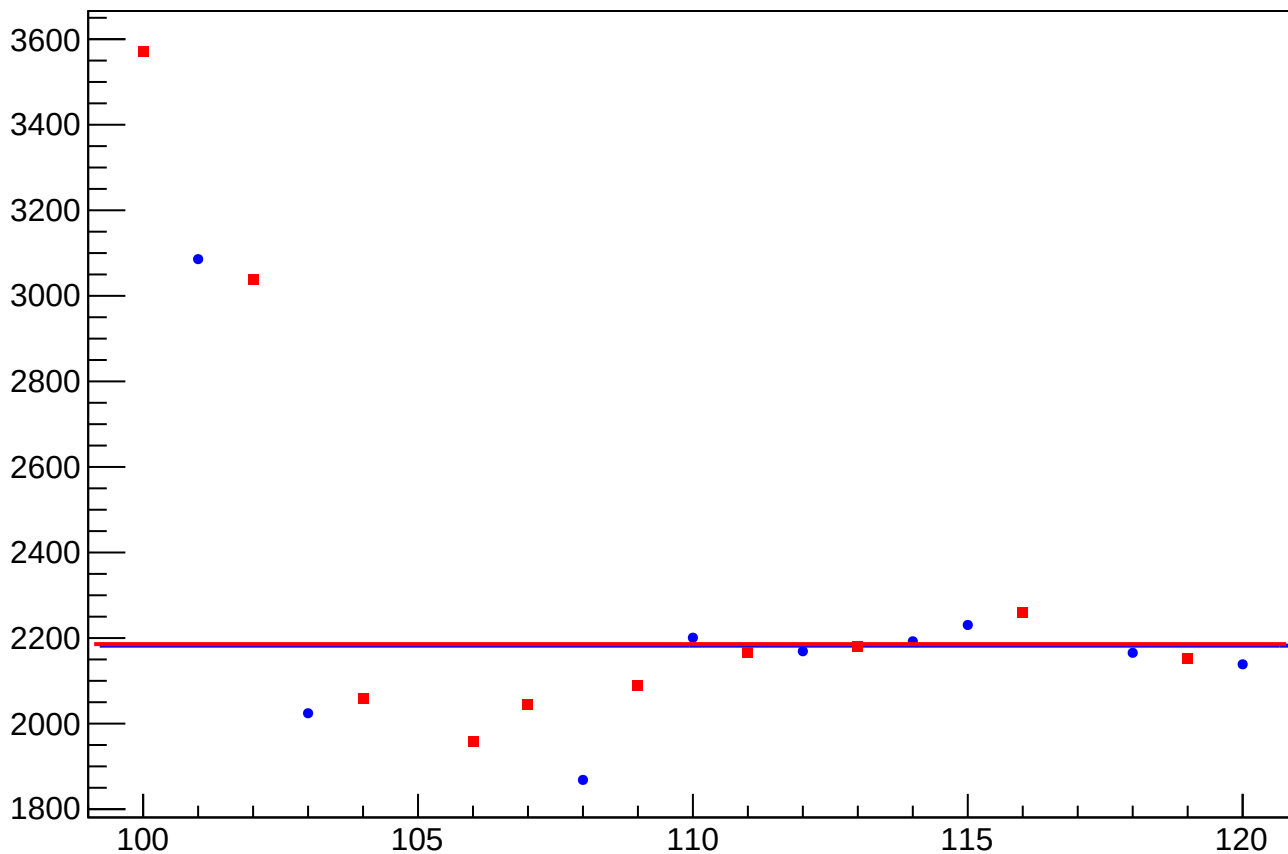
Right: 4658.048+/-804.098 χ^2/NDF : 7.6/18

In: 5403.326+/-1153.707 χ^2/NDF : 4.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4658.048+/-804.098 χ^2/NDF : 7.6/18

dit_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2182.265+/-0.816 χ^2/NDF : 141038.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2185.856+/-0.792 χ^2/NDF : 114026.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

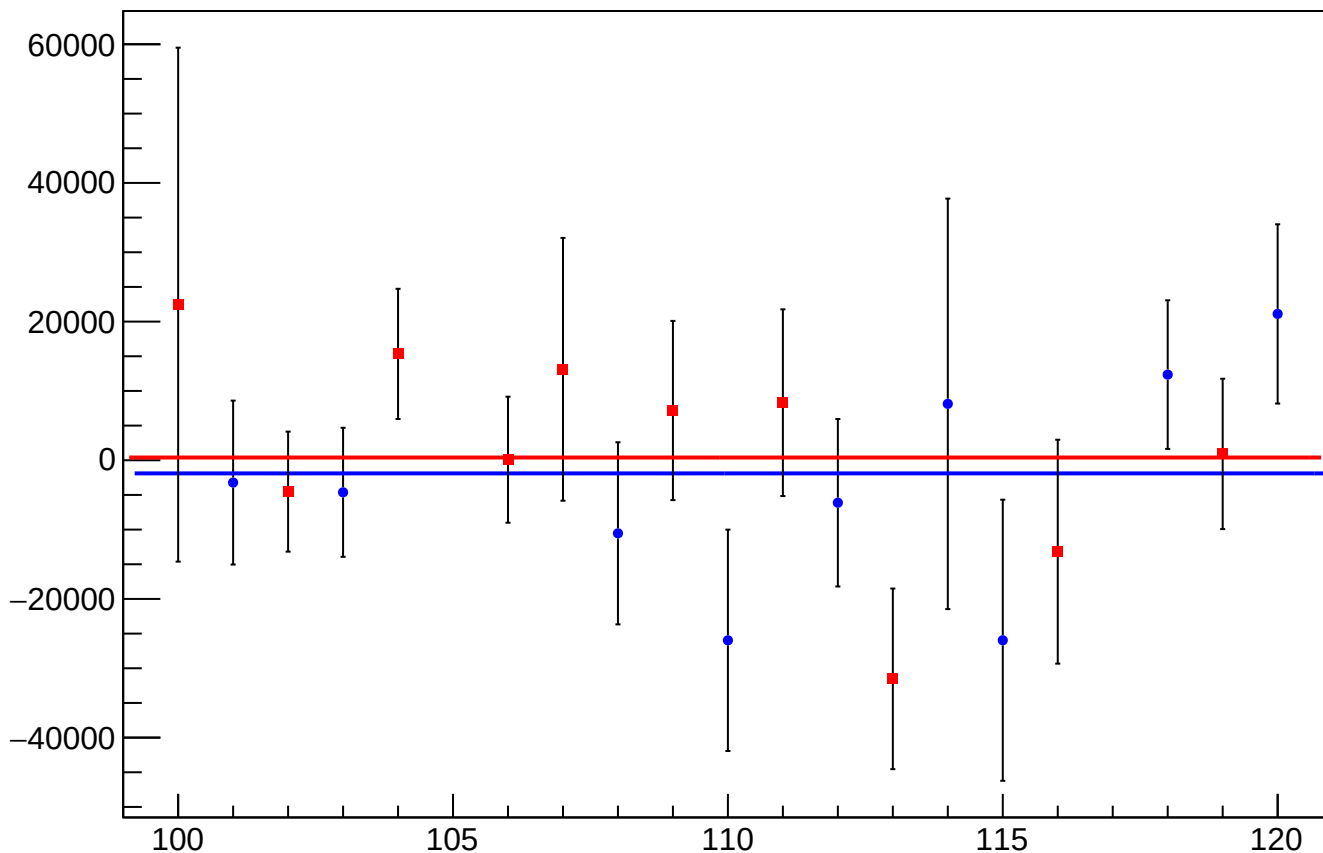
Right: 2184.113+/-0.568 χ^2/NDF : 255074.0/18

In: 2182.265+/-0.816 χ^2/NDF : 141038.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2184.113+/-0.568 χ^2/NDF : 255074.0/18

asym_us_avg_at2lr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1893.896+/-4321.609 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 396.110+/-3778.307 χ^2/NDF : 11.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

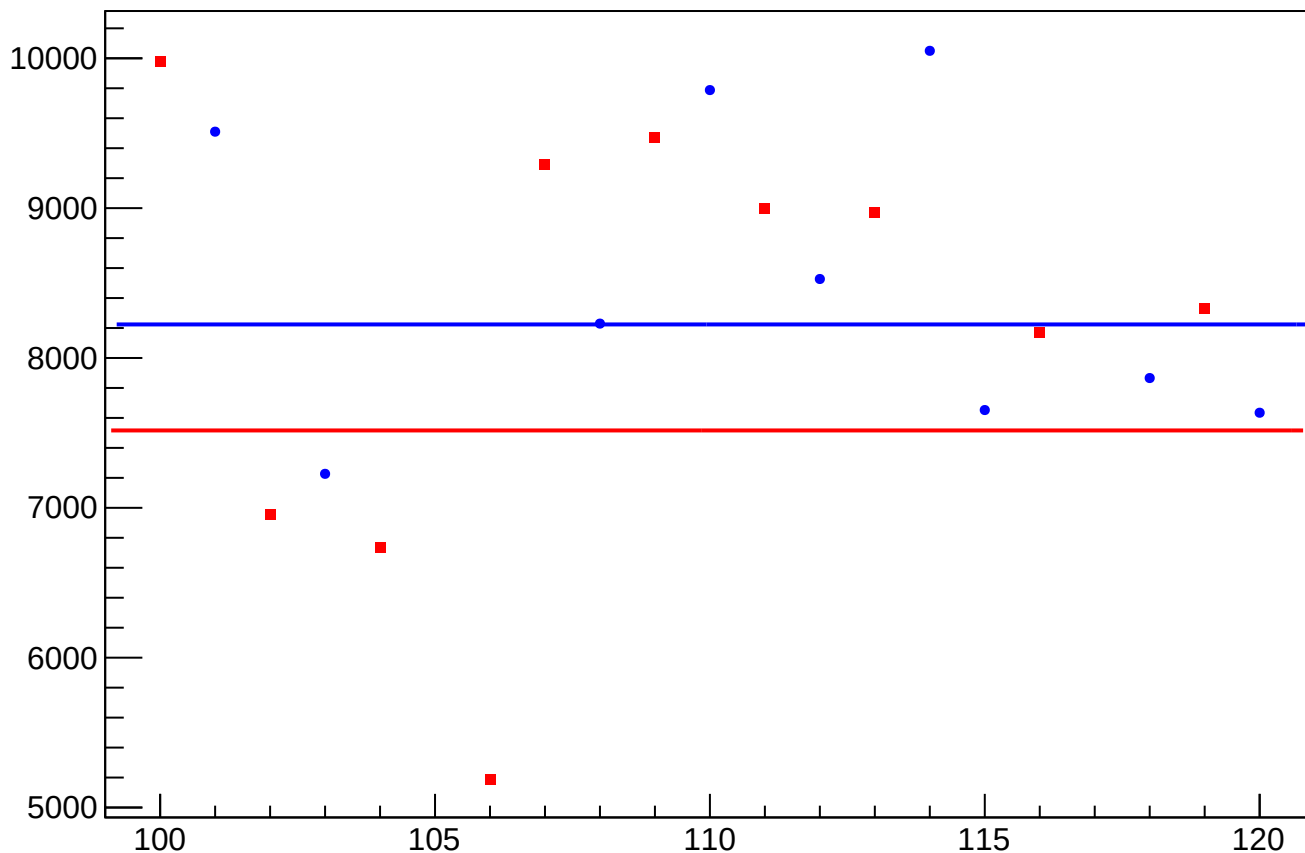
Right: -595.979+/-2844.477 χ^2/NDF : 20.5/18

In: -1893.896+/-4321.609 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -595.979+/-2844.477 χ^2/NDF : 20.5/18

asym_us_avg_at2lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 8223.875+/-3.056 χ^2/NDF : 82682.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7516.436+/-2.672 χ^2/NDF : 289569.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

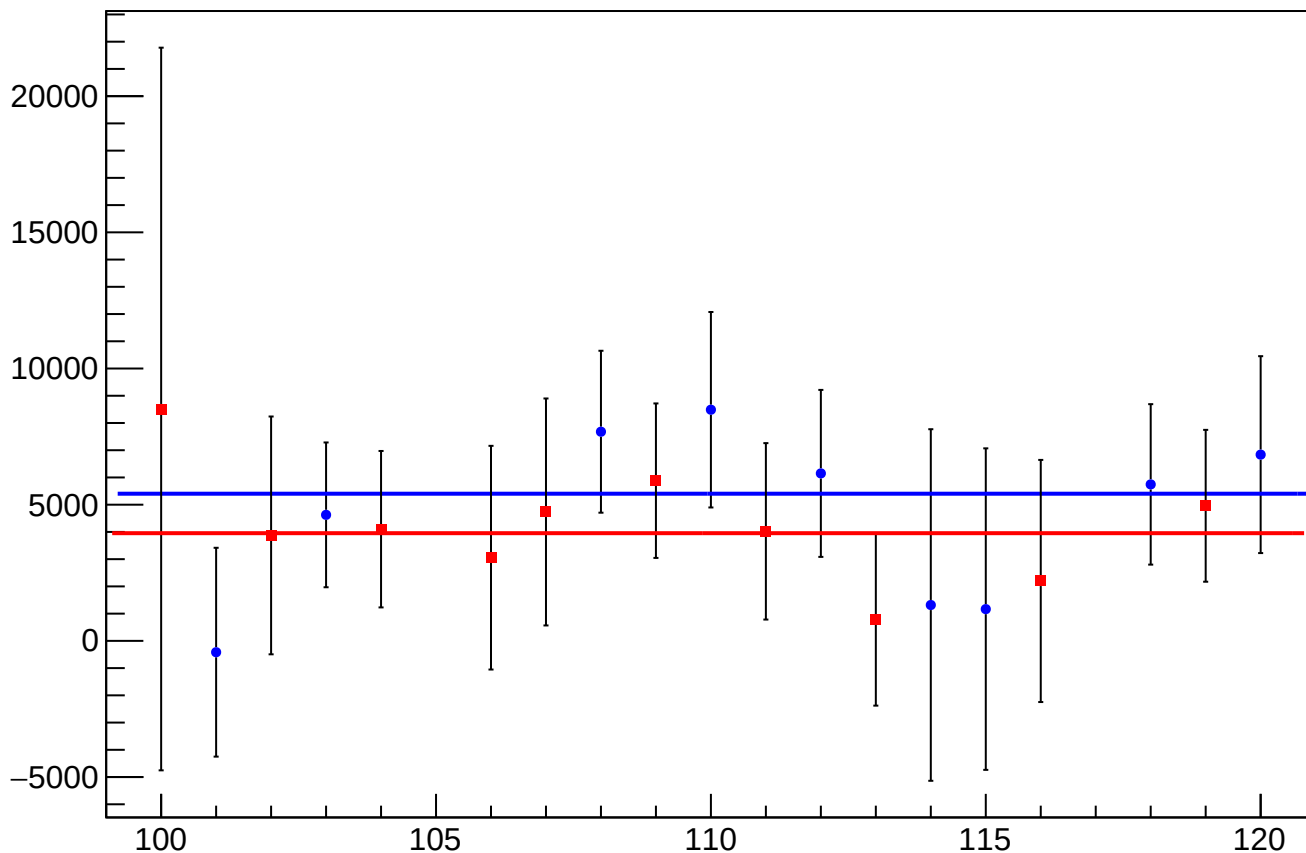
Right: 7822.916+/-2.011 χ^2/NDF : 402627.4/18

In: 8223.875+/-3.056 χ^2/NDF : 82682.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7822.916+/-2.011 χ^2/NDF : 402627.4/18

eigen_dit_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5403.320+/-1153.706 χ^2/NDF : 4.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3954.035+/-1121.318 χ^2/NDF : 2.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

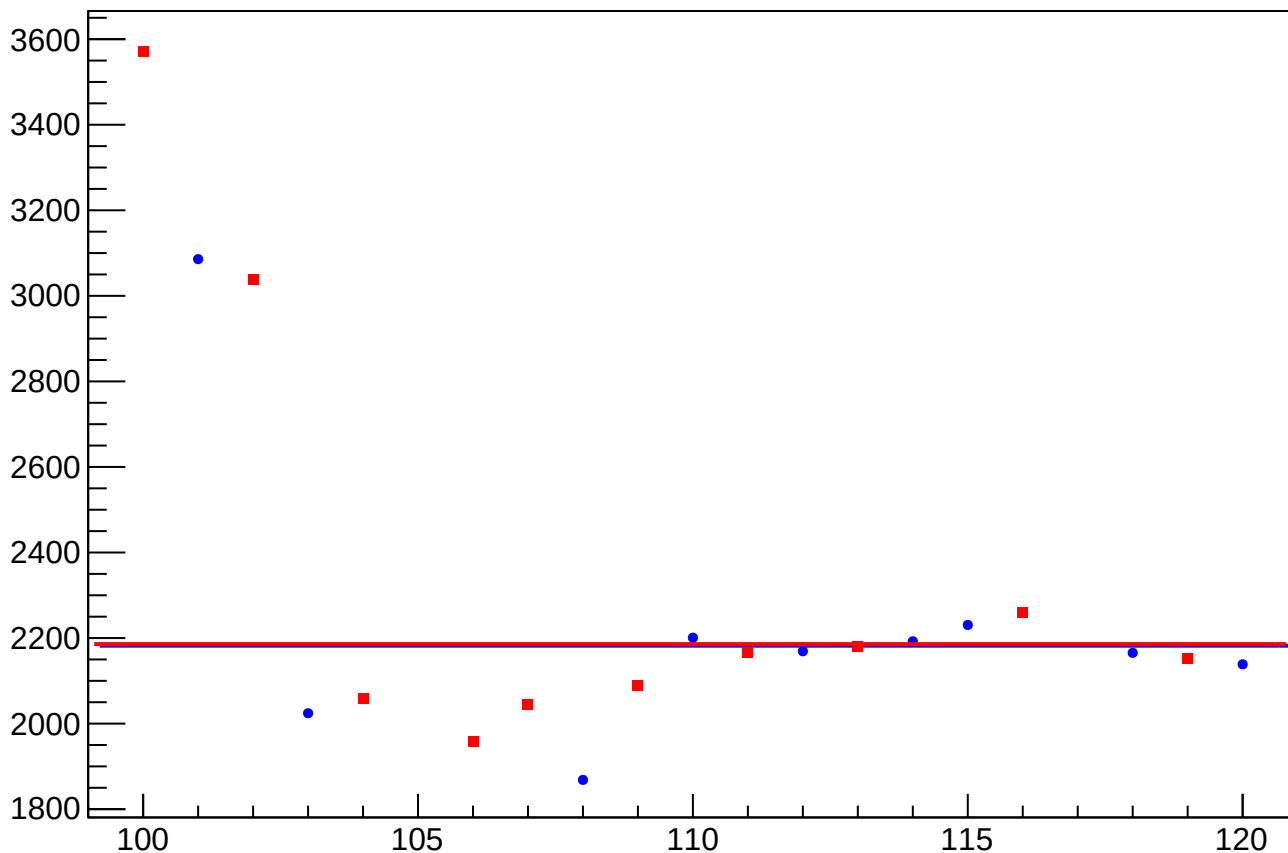
Right: 4658.049+/-804.098 χ^2/NDF : 7.6/18

In: 5403.320+/-1153.706 χ^2/NDF : 4.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4658.049+/-804.098 χ^2/NDF : 7.6/18

eigen_dit_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2182.265+/-0.816 χ^2/NDF : 141038.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2185.855+/-0.792 χ^2/NDF : 114025.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

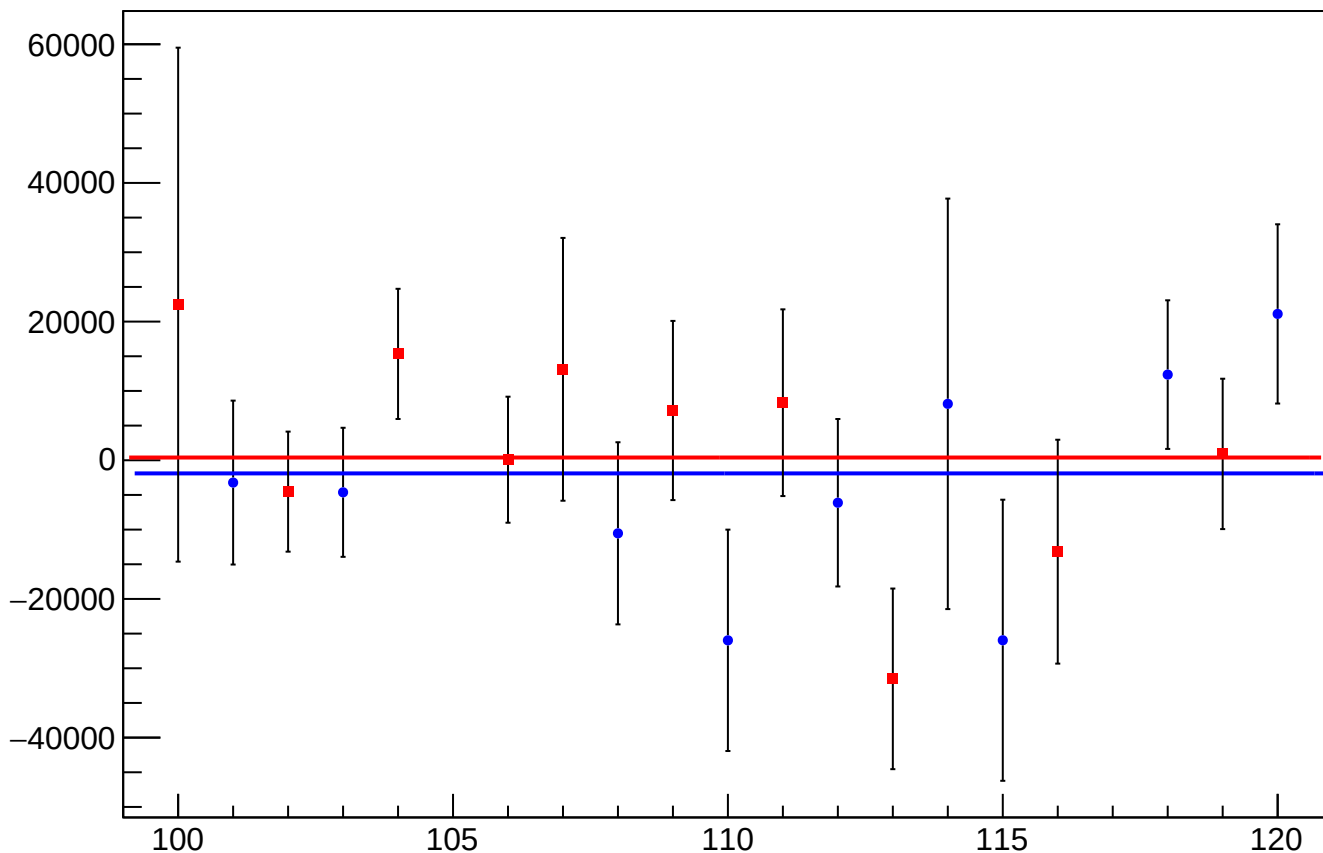
Right: 2184.113+/-0.568 χ^2/NDF : 255073.9/18

In: 2182.265+/-0.816 χ^2/NDF : 141038.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2184.113+/-0.568 χ^2/NDF : 255073.9/18

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1893.878+/-4321.598 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 396.116+/-3778.298 χ^2/NDF : 11.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

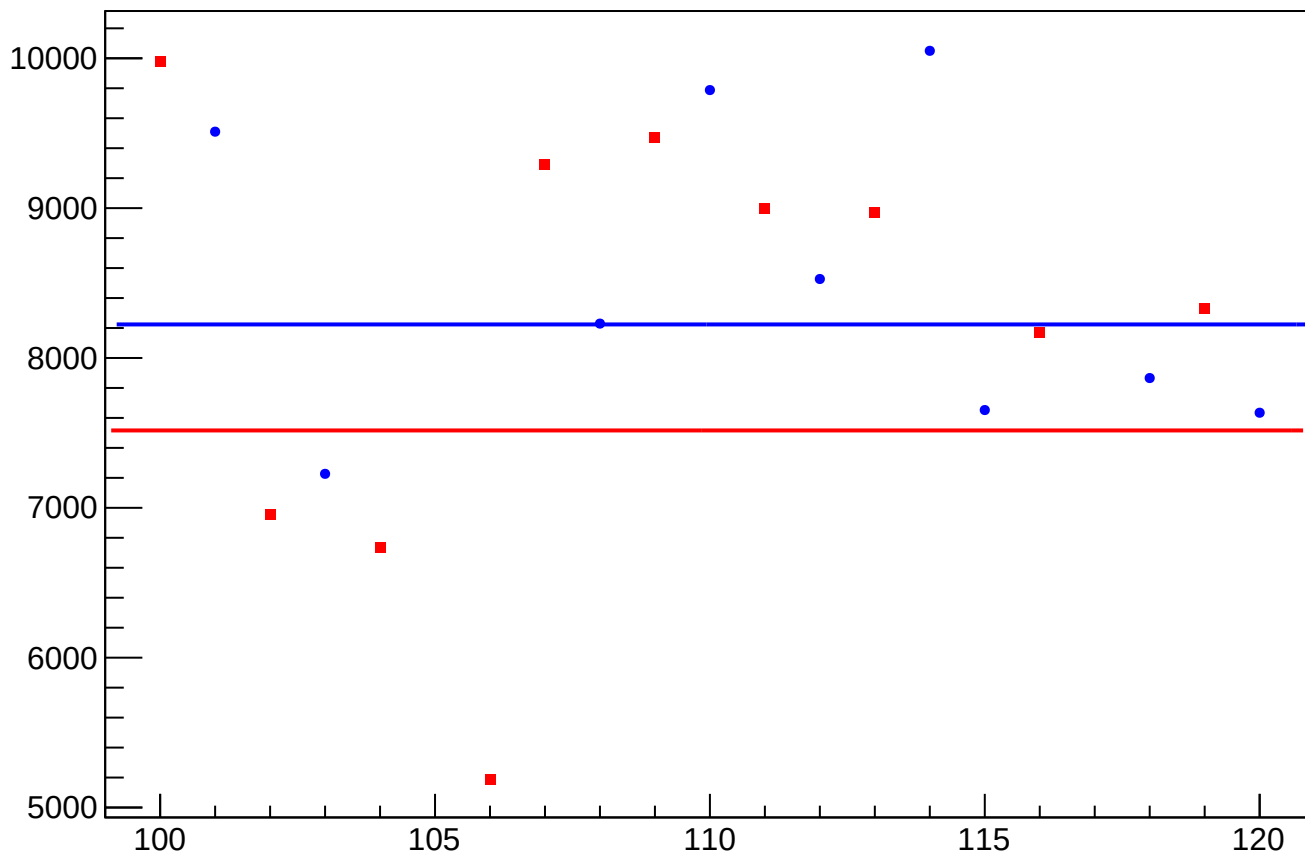
Right: -595.968+/-2844.470 χ^2/NDF : 20.5/18

In: -1893.878+/-4321.598 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -595.968+/-2844.470 χ^2/NDF : 20.5/18

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 8223.854+/-3.056 χ^2/NDF : 82682.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7516.420+/-2.672 χ^2/NDF : 289567.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

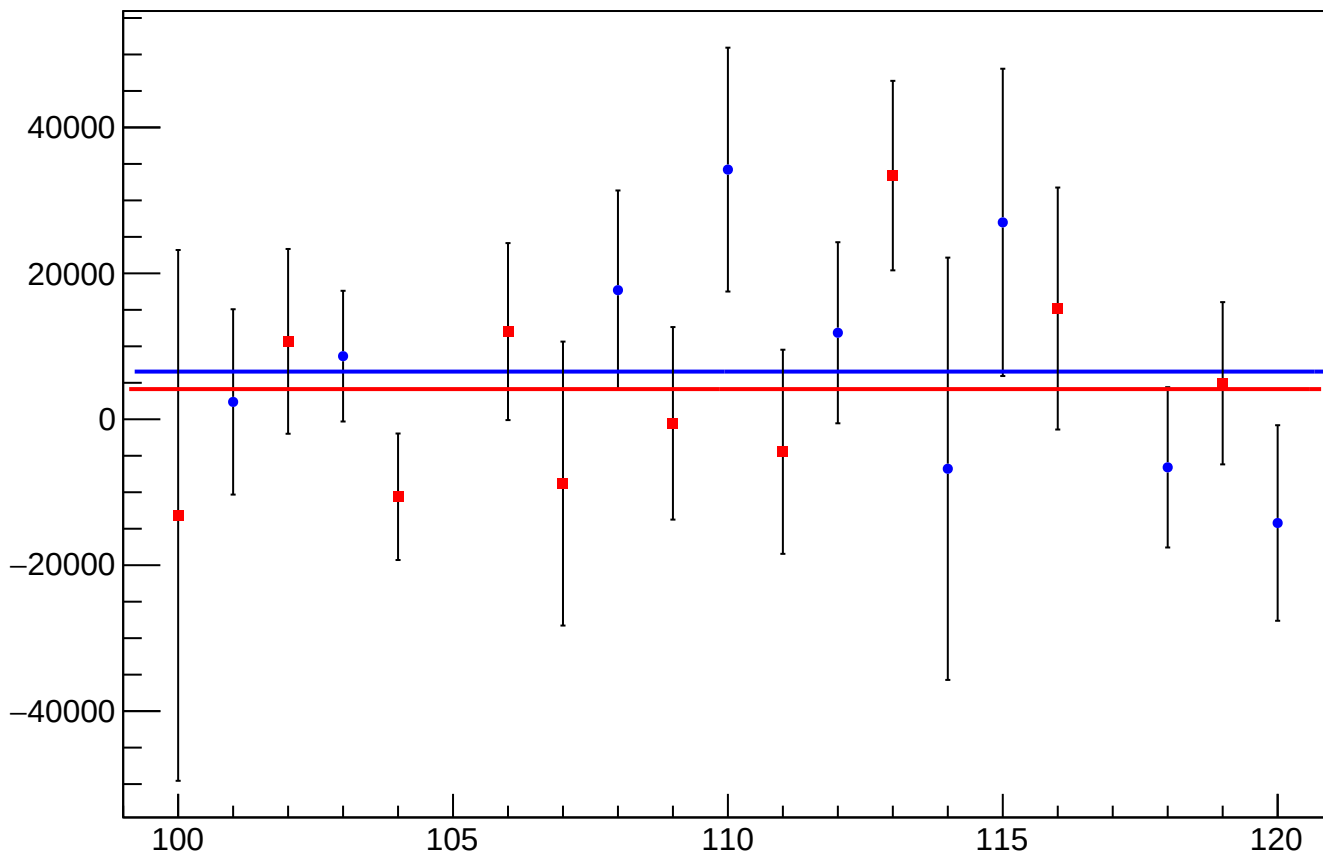
Right: 7822.899+/-2.011 χ^2/NDF : 402625.5/18

In: 8223.854+/-3.056 χ^2/NDF : 82682.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7822.899+/-2.011 χ^2/NDF : 402625.5/18

asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 6537.214+/-4410.837 χ^2/NDF : 8.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 4137.474+/-4143.535 χ^2/NDF : 10.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

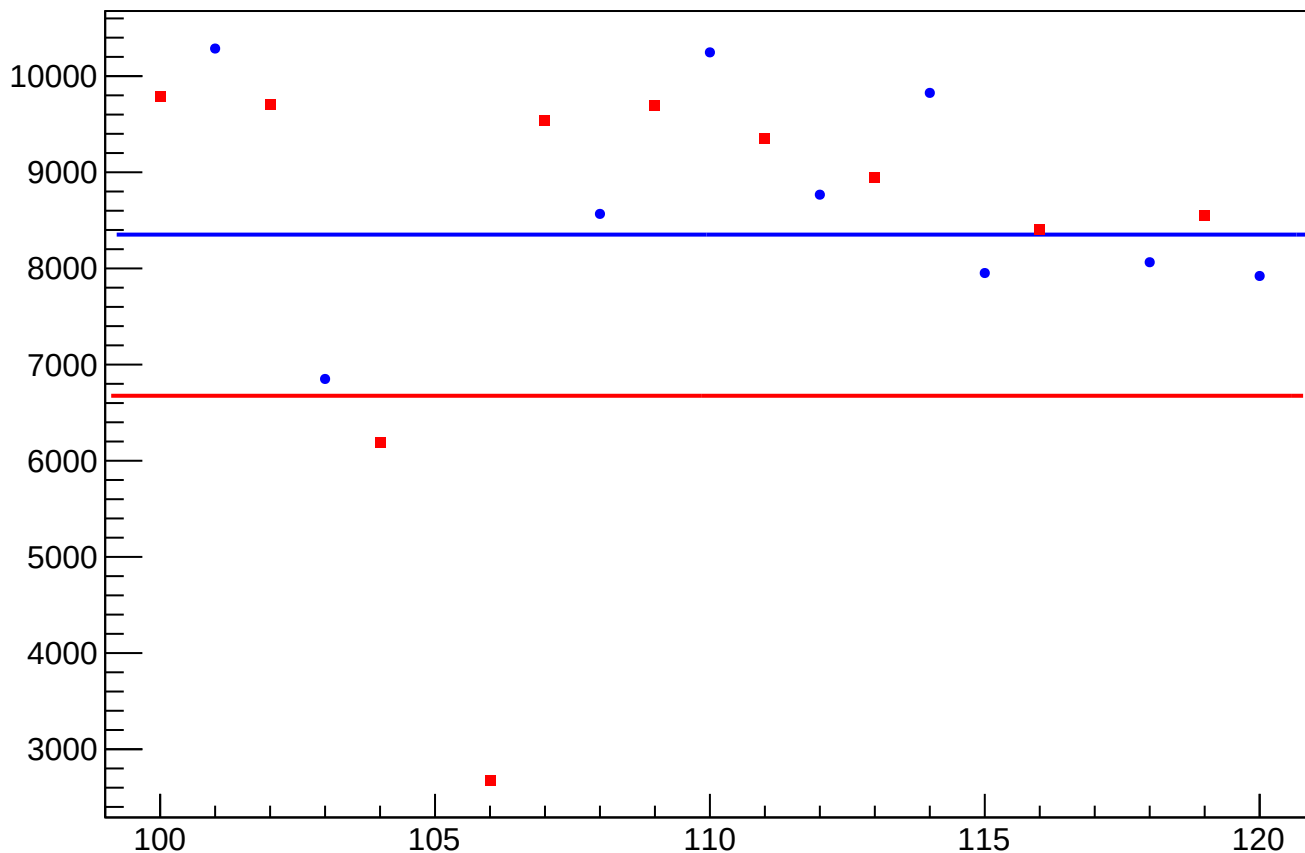
Right: 5262.431+/-3020.000 χ^2/NDF : 19.2/18

In: 6537.214+/-4410.837 χ^2/NDF :8.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 5262.431+/-3020.000 χ^2/NDF : 19.2/18

asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 8351.783+/-3.119 χ^2/NDF : 140403.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6675.811+/-2.608 χ^2/NDF : 1202795.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

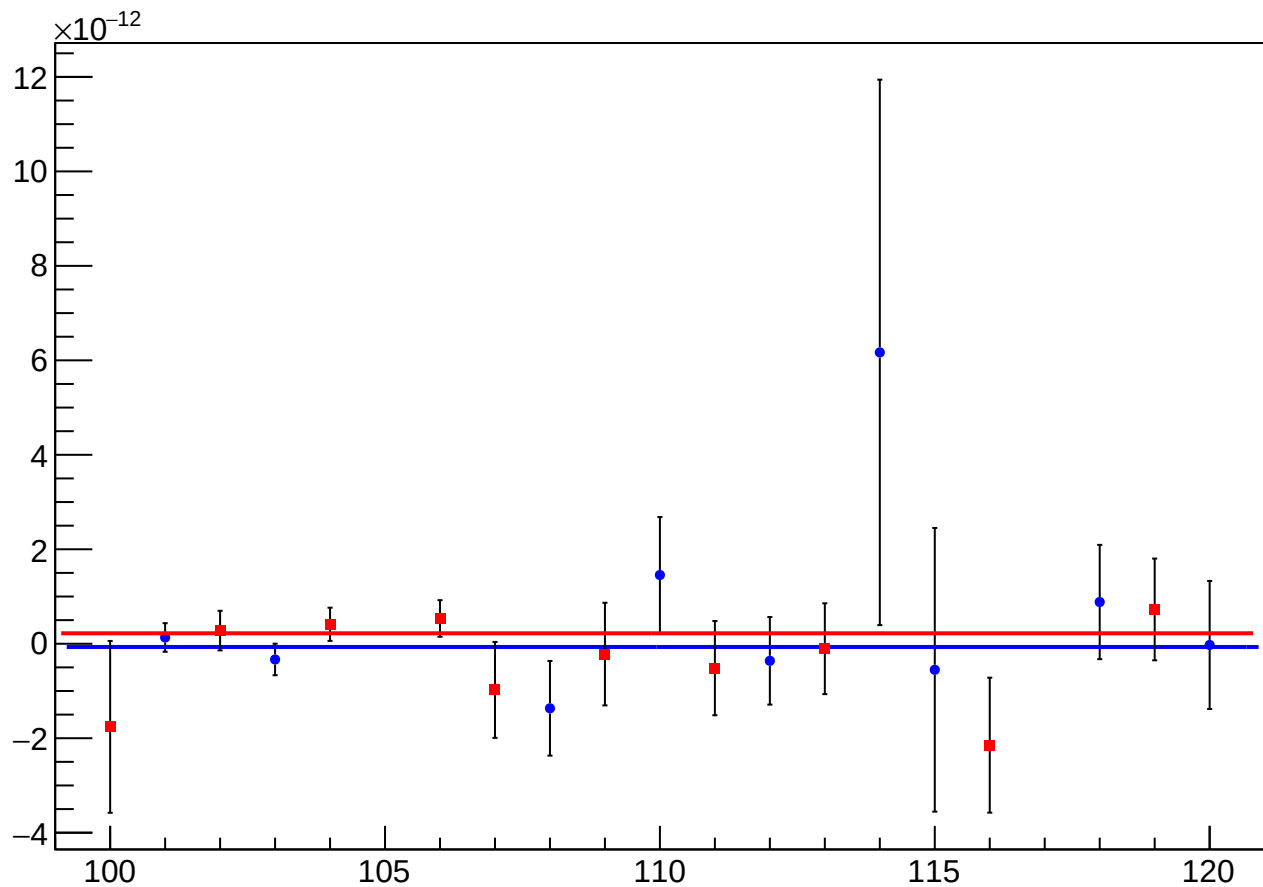
Right: 7365.424+/-2.001 χ^2/NDF : 1513143.4/18

In: 8351.783+/-3.119 χ^2/NDF : 140403.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7365.424+/-2.001 χ^2/NDF : 1513143.4/18

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

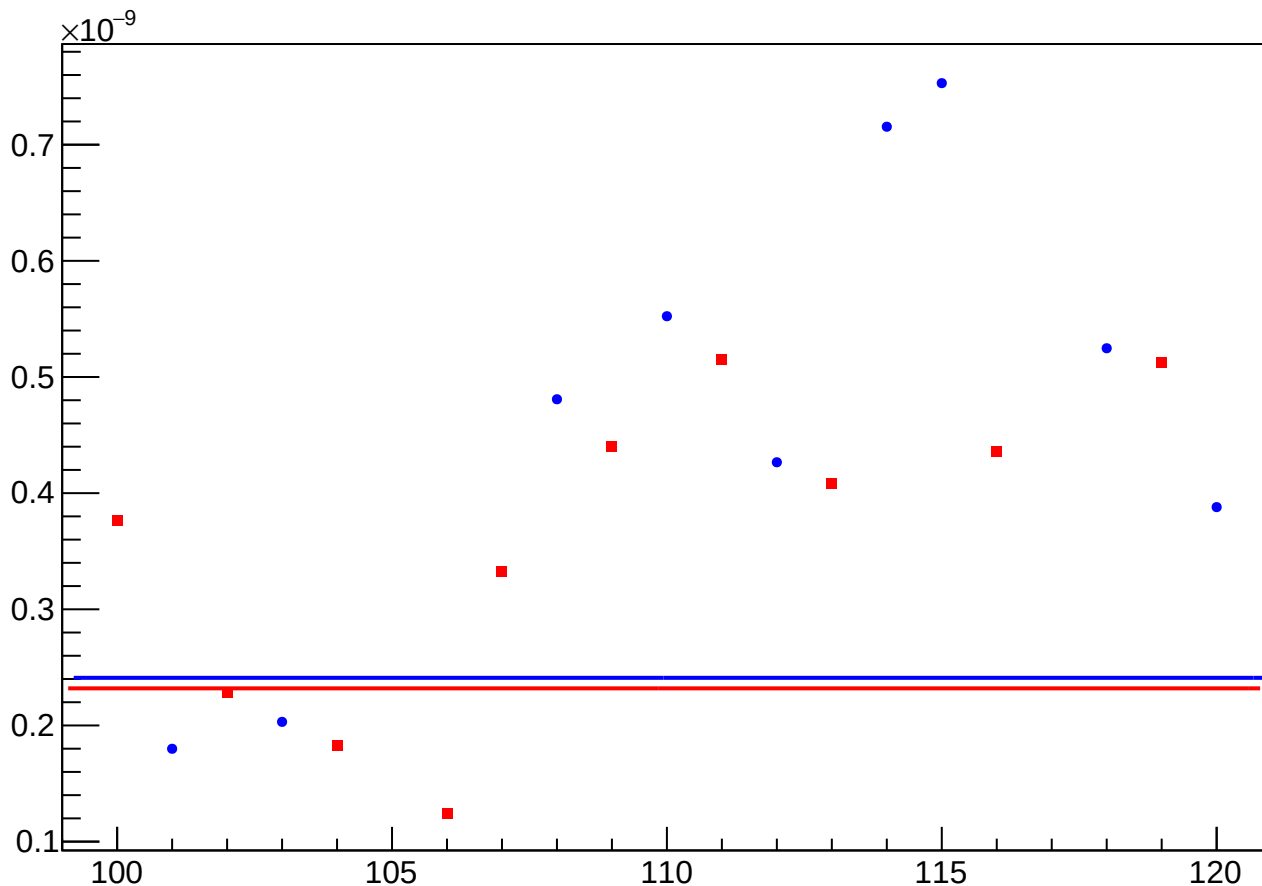
Right: 0.000+/-0.000 χ^2/NDF : 14.6/18

In: -0.000+/-0.000 χ^2/NDF : 6.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.6/18

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 635550.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 704371.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

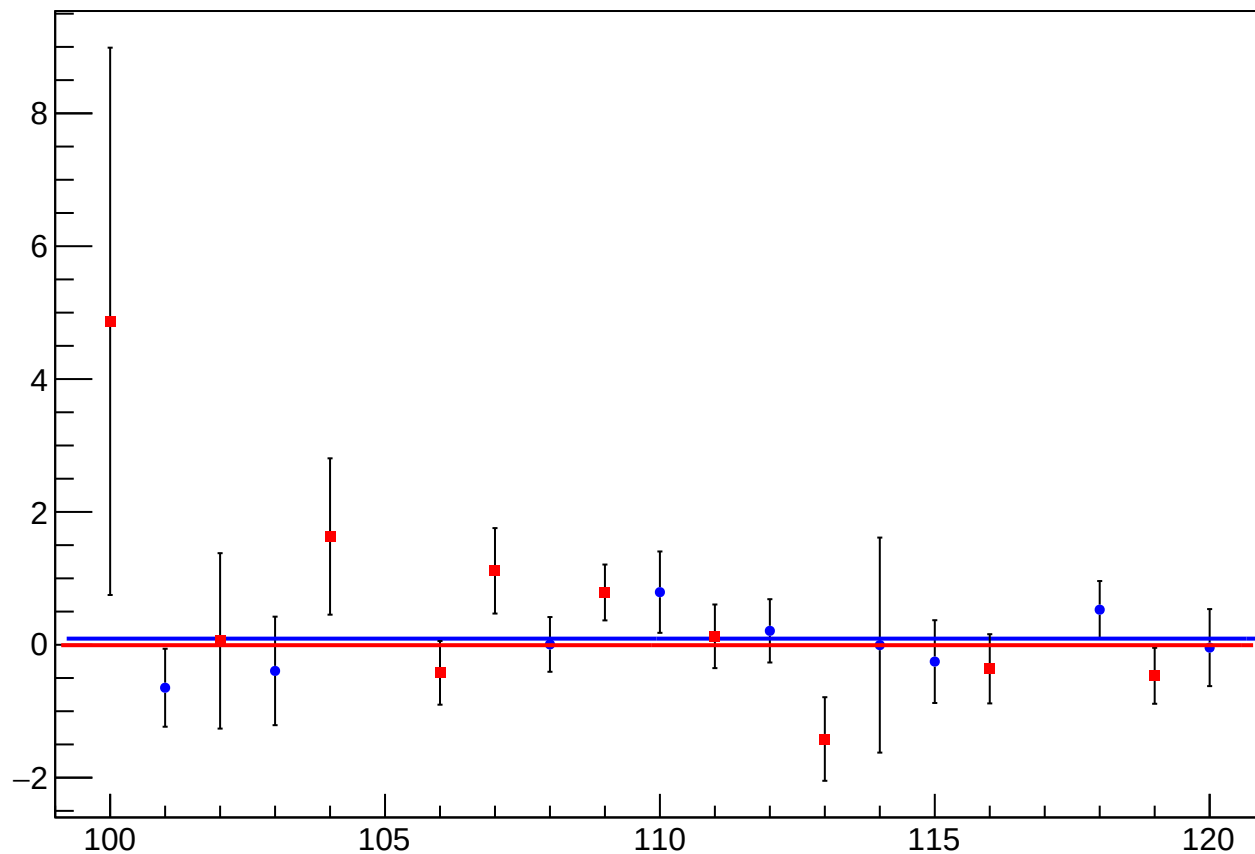
Right: 0.000+/-0.000 χ^2/NDF : 1341977.3/18

In: 0.000+/-0.000 χ^2/NDF : 635550.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1341977.3/18

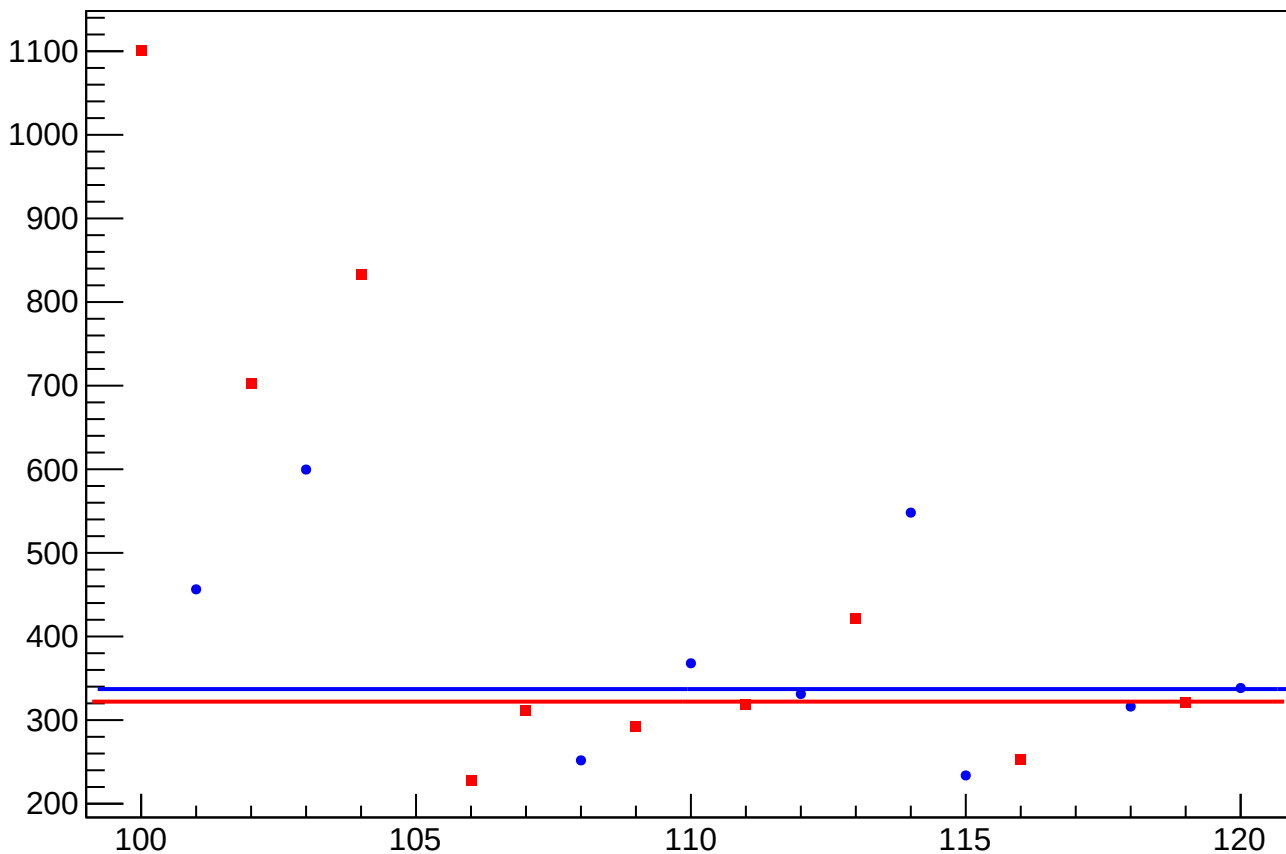
asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.093+/-0.187 χ^2/NDF : 4.7/8
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -0.006+/-0.183 χ^2/NDF : 17.5/9
 Left 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+/-0.131 χ^2/NDF : 22.3/18
 In: 0.093+/-0.187 χ^2/NDF :4.7/8
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.042+/-0.131 χ^2/NDF : 22.3/18

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 337.095+/-0.132 χ^2/NDF : 474072.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 322.085+/-0.129 χ^2/NDF : 788328.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

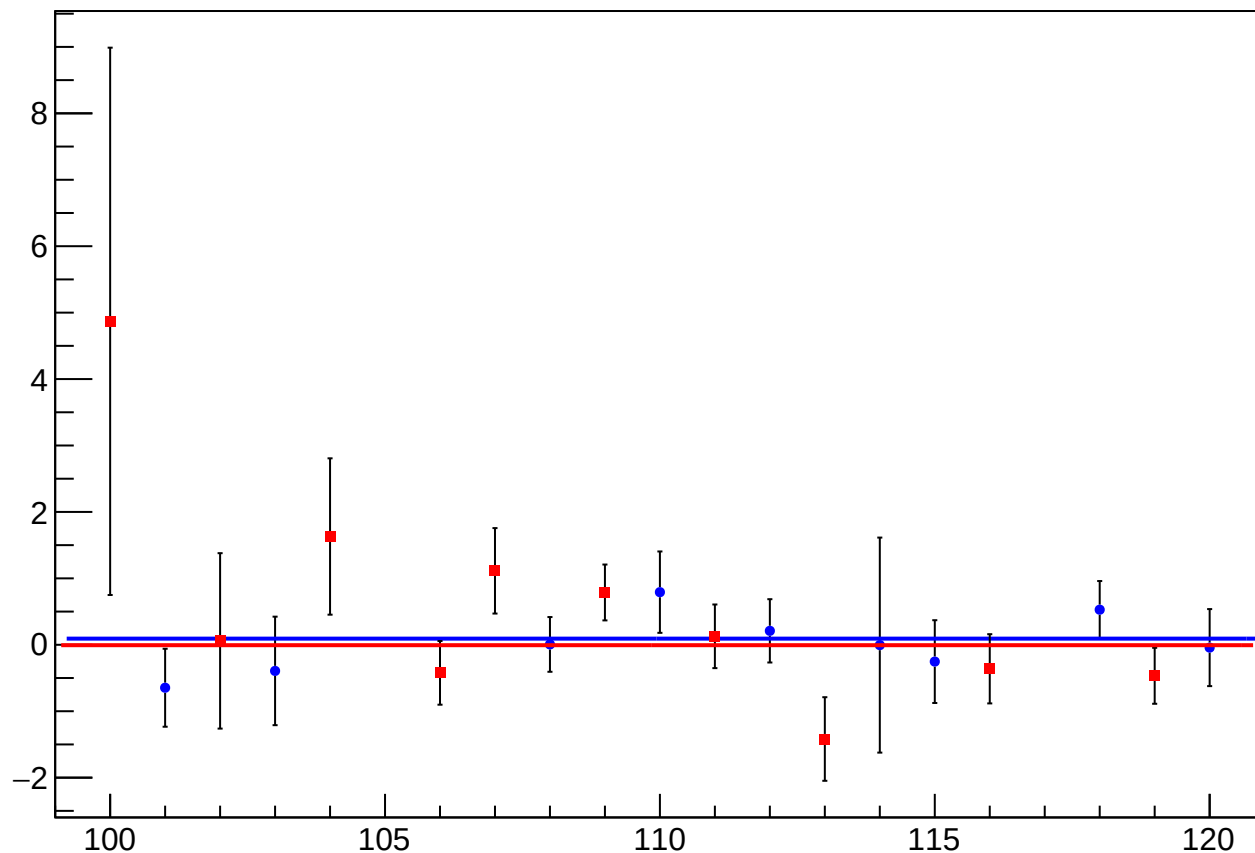
Right: 329.421+/-0.092 χ^2/NDF : 1269004.8/18

In: 337.095+/-0.132 χ^2/NDF : 474072.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 329.421+/-0.092 χ^2/NDF : 1269004.8/18

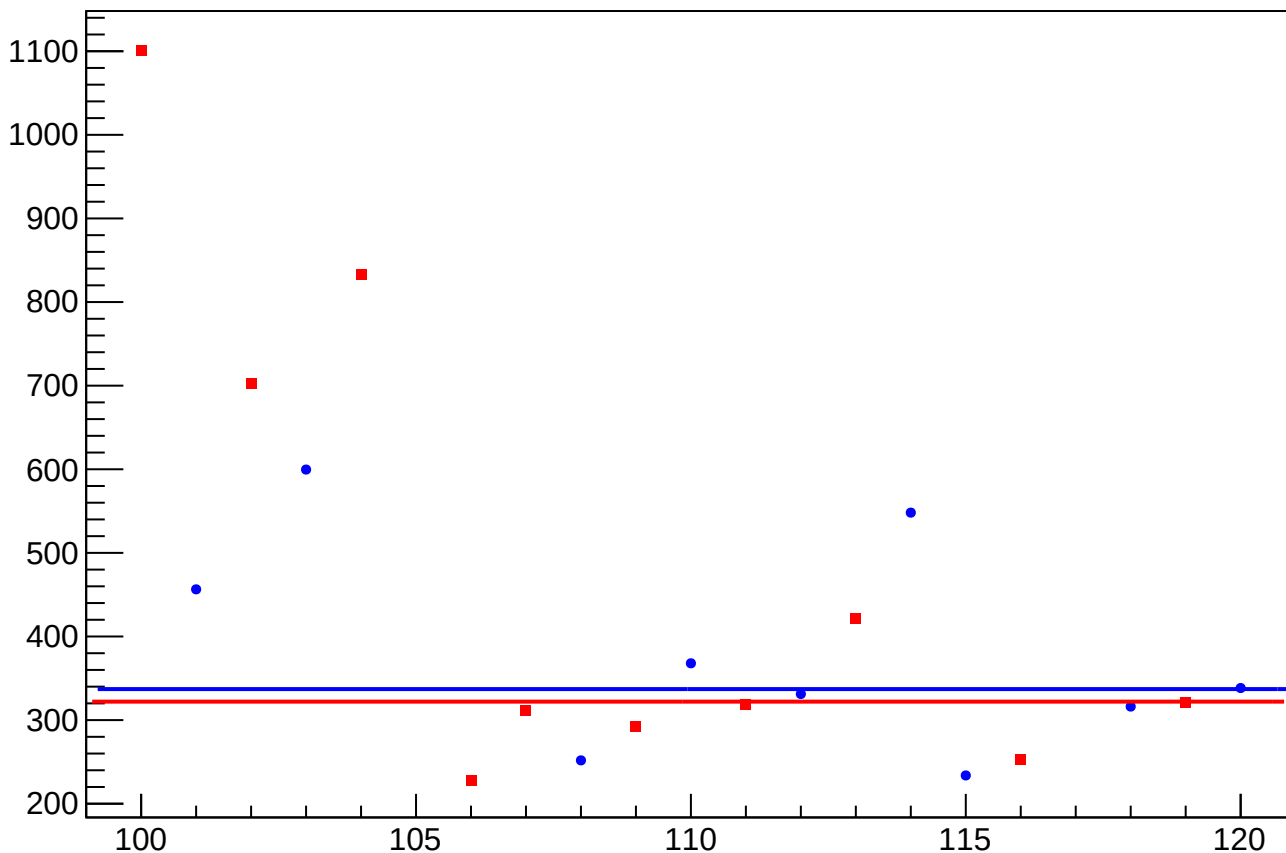
asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.093+/-0.187 χ^2/NDF : 4.7/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.006+/-0.183 χ^2/NDF : 17.5/9
 Left 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+/-0.131 χ^2/NDF : 22.3/18
 In: 0.093+/-0.187 χ^2/NDF : 4.7/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.042+/-0.131 χ^2/NDF : 22.3/18

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 337.095+/-0.132 χ^2/NDF : 474072.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 322.085+/-0.129 χ^2/NDF : 788328.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

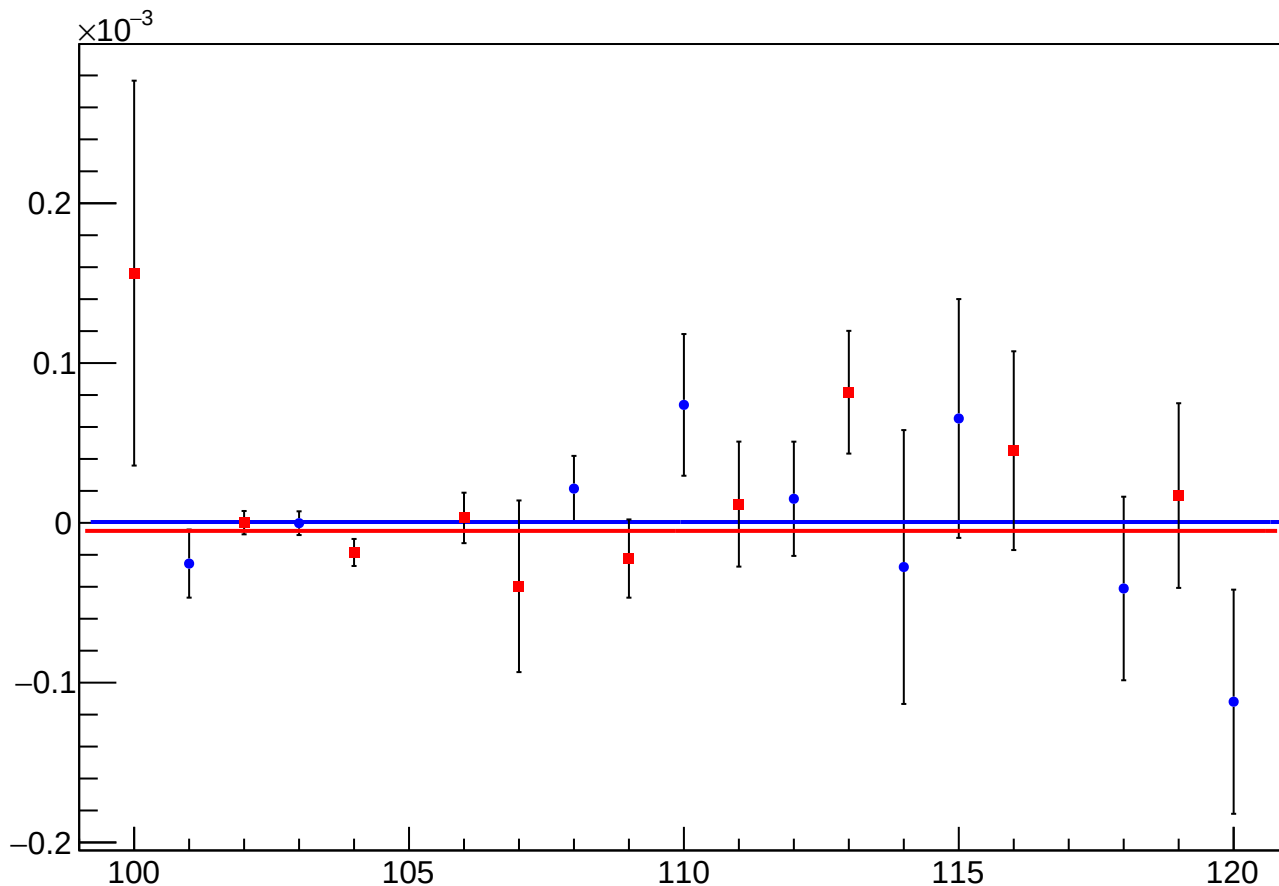
Right: 329.421+/-0.092 χ^2/NDF : 1269004.8/18

In: 337.095+/-0.132 χ^2/NDF : 474072.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 329.421+/-0.092 χ^2/NDF : 1269004.8/18

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 : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

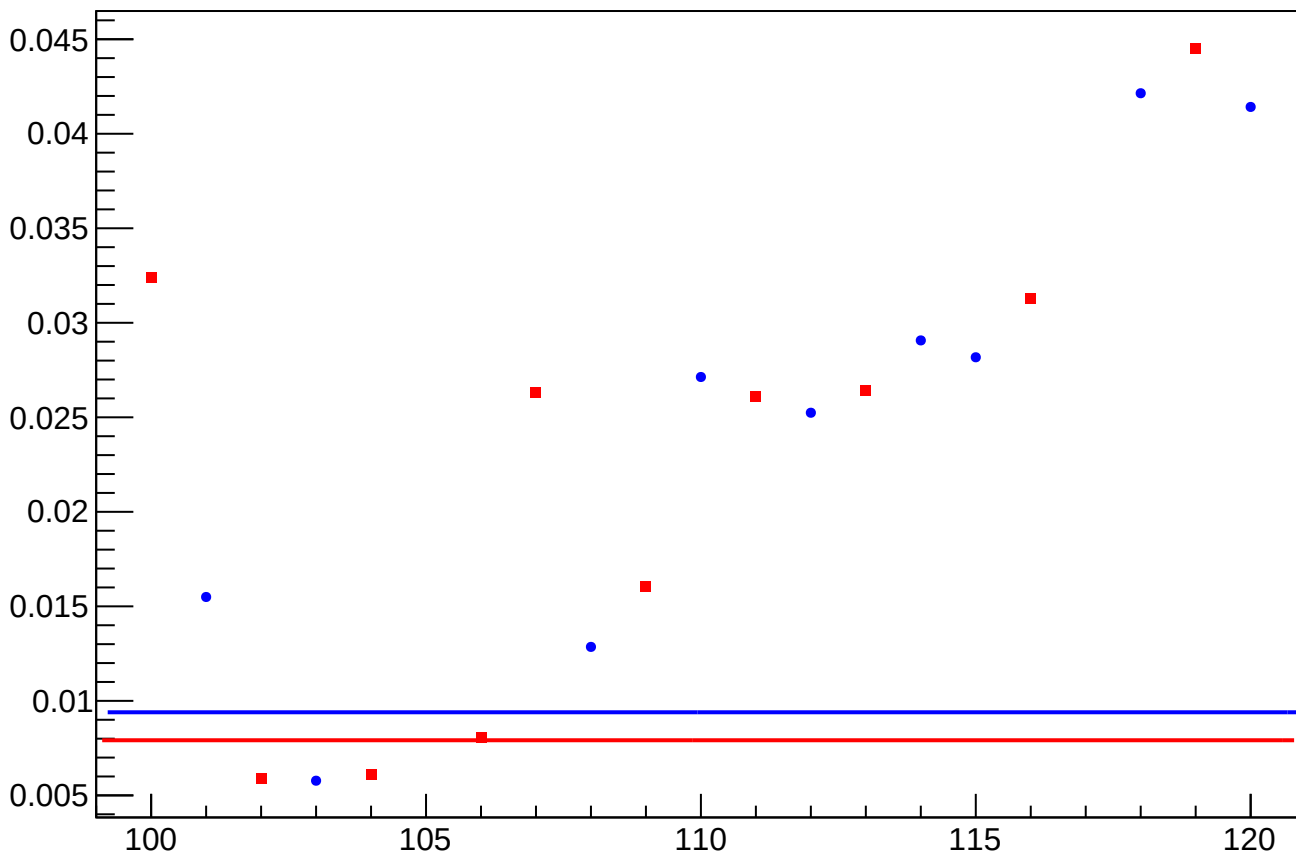
Right: -0.000+/-0.000 χ^2/NDF : 22.0/18

In: 0.000+/-0.000 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.0/18

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 2707660.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 2771684.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

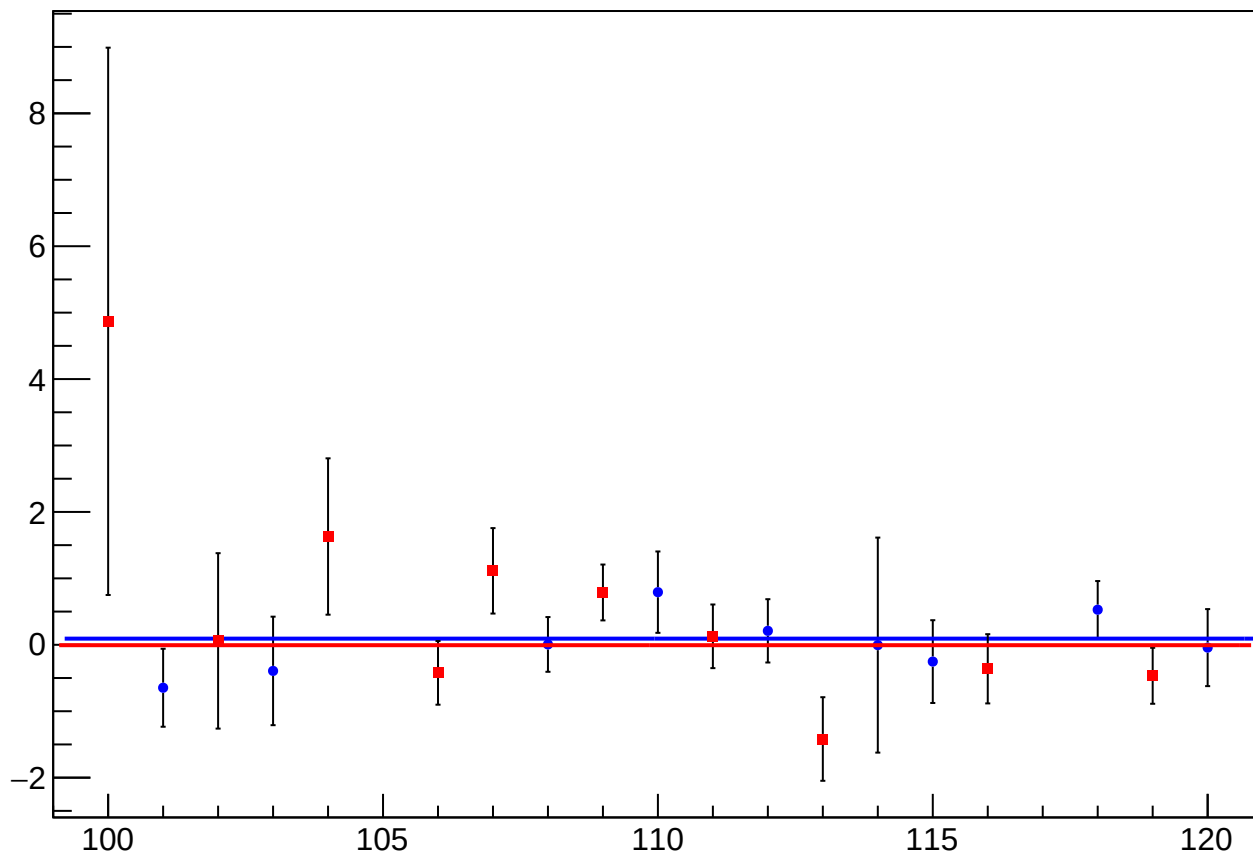
Right: 0.008+/-0.000 χ^2/NDF : 5546871.4/18

In: 0.009+/-0.000 χ^2/NDF : 2707660.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 5546871.4/18

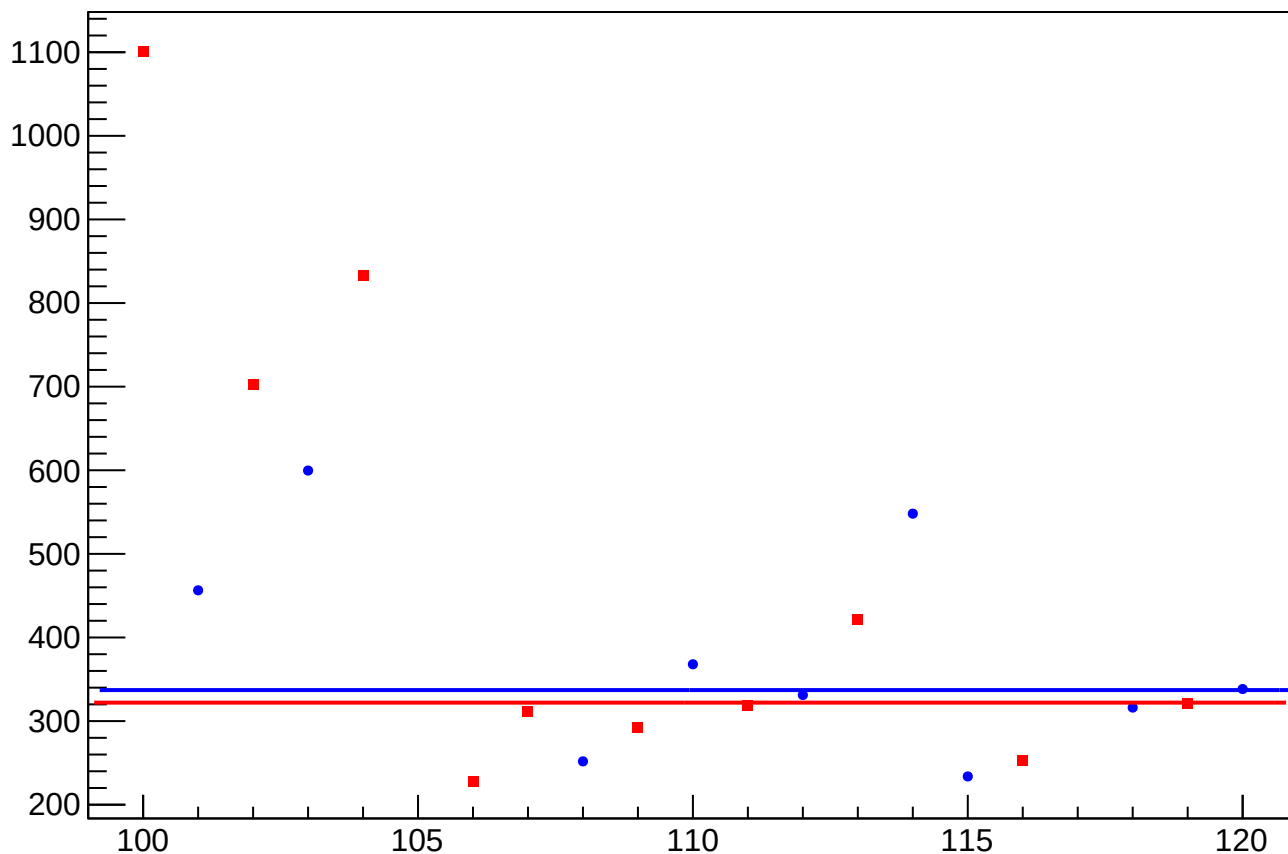
asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.093+/-0.187 χ^2/NDF : 4.7/8
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -0.006+/-0.183 χ^2/NDF : 17.5/9
 Left 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+/-0.131 χ^2/NDF : 22.3/18
 In: 0.093+/-0.187 χ^2/NDF :4.7/8
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.042+/-0.131 χ^2/NDF : 22.3/18

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 337.095+/-0.132 χ^2/NDF : 474053.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 322.087+/-0.129 χ^2/NDF : 788310.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

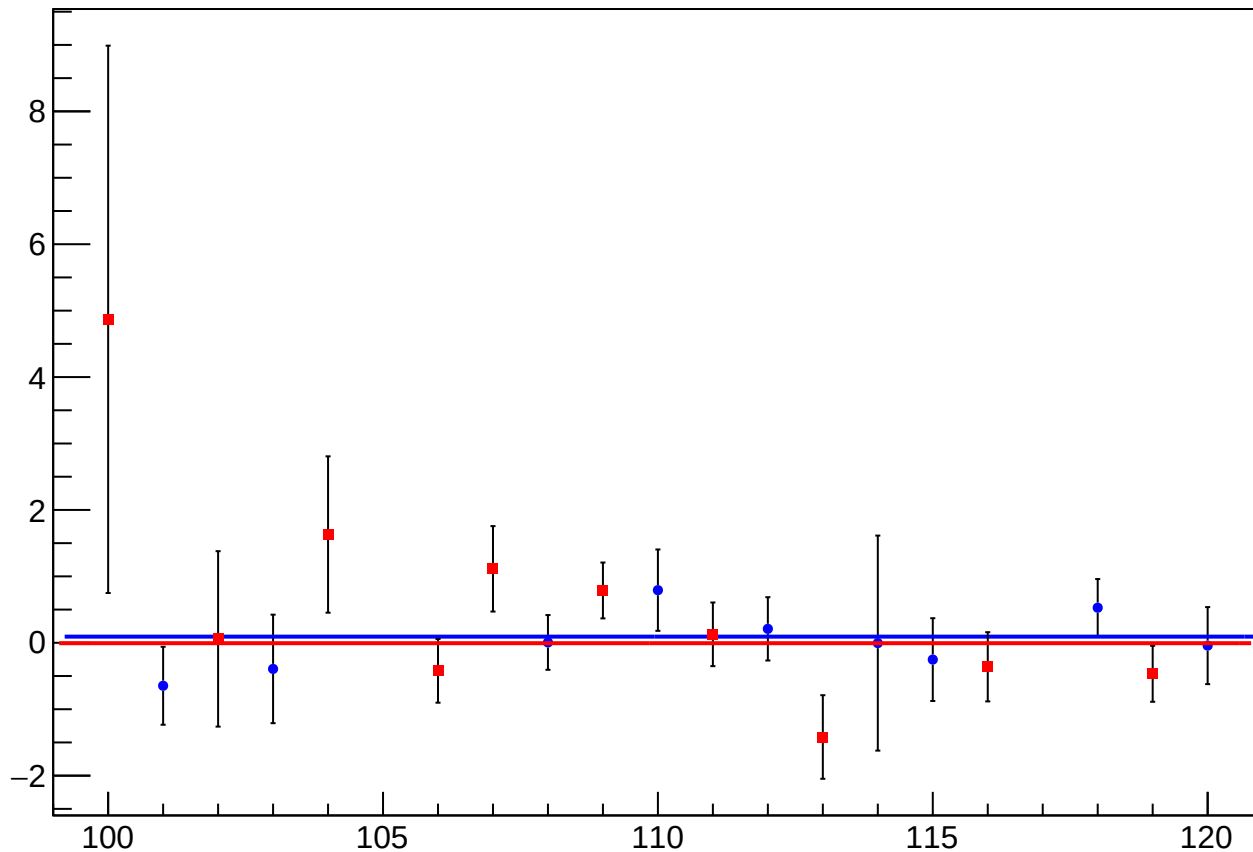
Right: 329.422+/-0.092 χ^2/NDF : 1268966.3/18

In: 337.095+/-0.132 χ^2/NDF : 474053.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 329.422+/-0.092 χ^2/NDF : 1268966.3/18

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.093 $\pm$ 0.187 χ^2 /NDF: 4.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.006 $\pm$ 0.183 χ^2 /NDF: 17.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

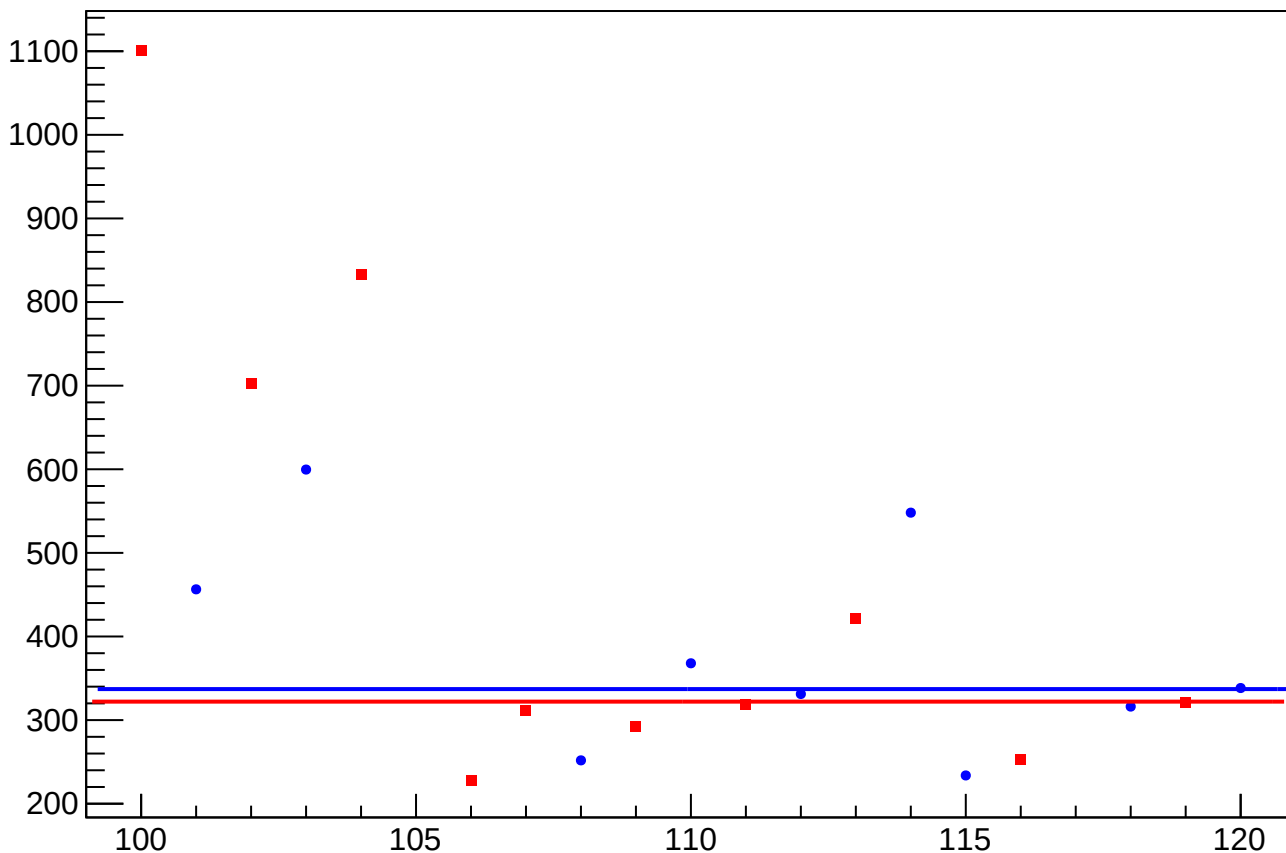
Right: 0.042 $\pm$ 0.131 χ^2 /NDF: 22.3/18

In: 0.093 $\pm$ 0.187 χ^2 /NDF:4.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.042 $\pm$ 0.131 χ^2 /NDF: 22.3/18

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 337.095+/-0.132 χ^2/NDF : 474053.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 322.087+/-0.129 χ^2/NDF : 788310.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

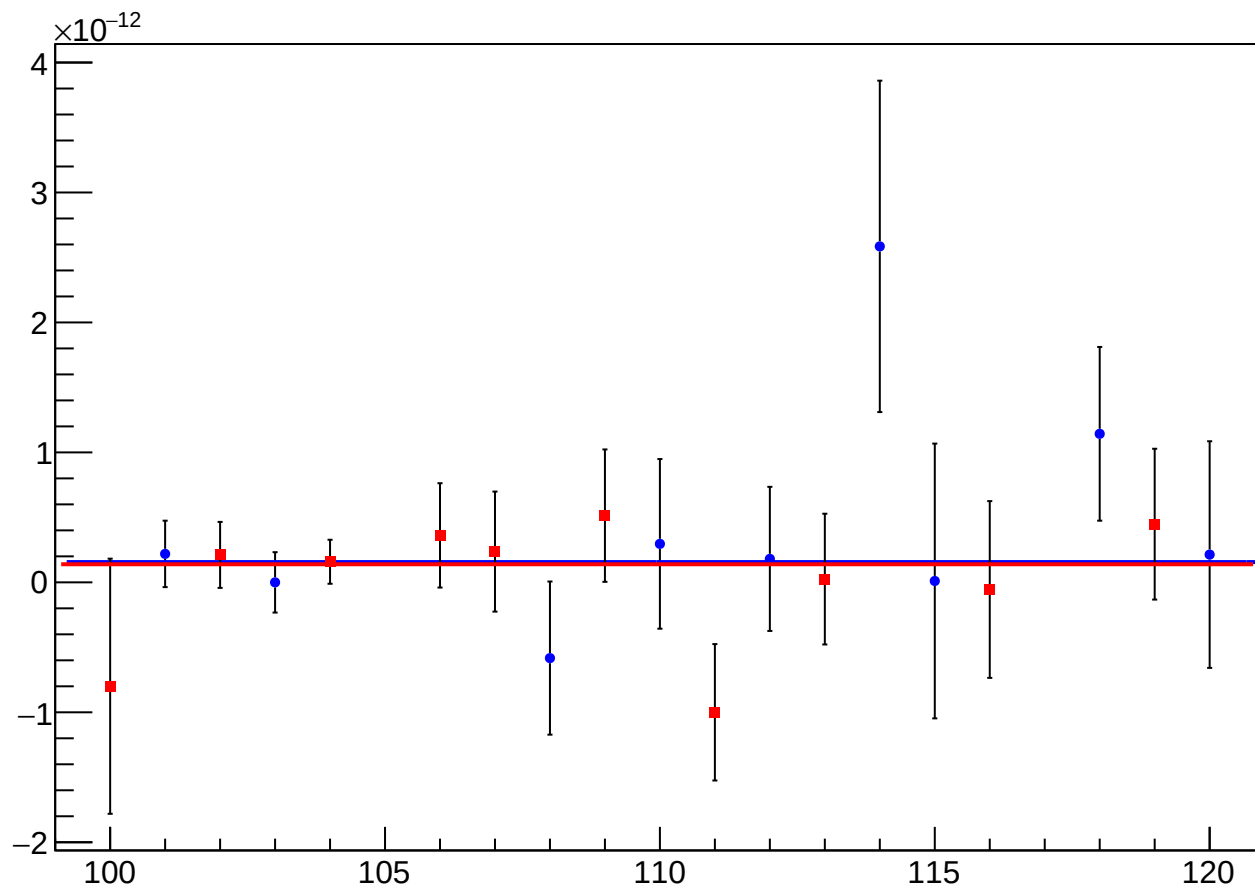
Right: 329.422+/-0.092 χ^2/NDF : 1268966.3/18

In: 337.095+/-0.132 χ^2/NDF : 474053.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 329.422+/-0.092 χ^2/NDF : 1268966.3/18

asym_us_avg_at2lr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

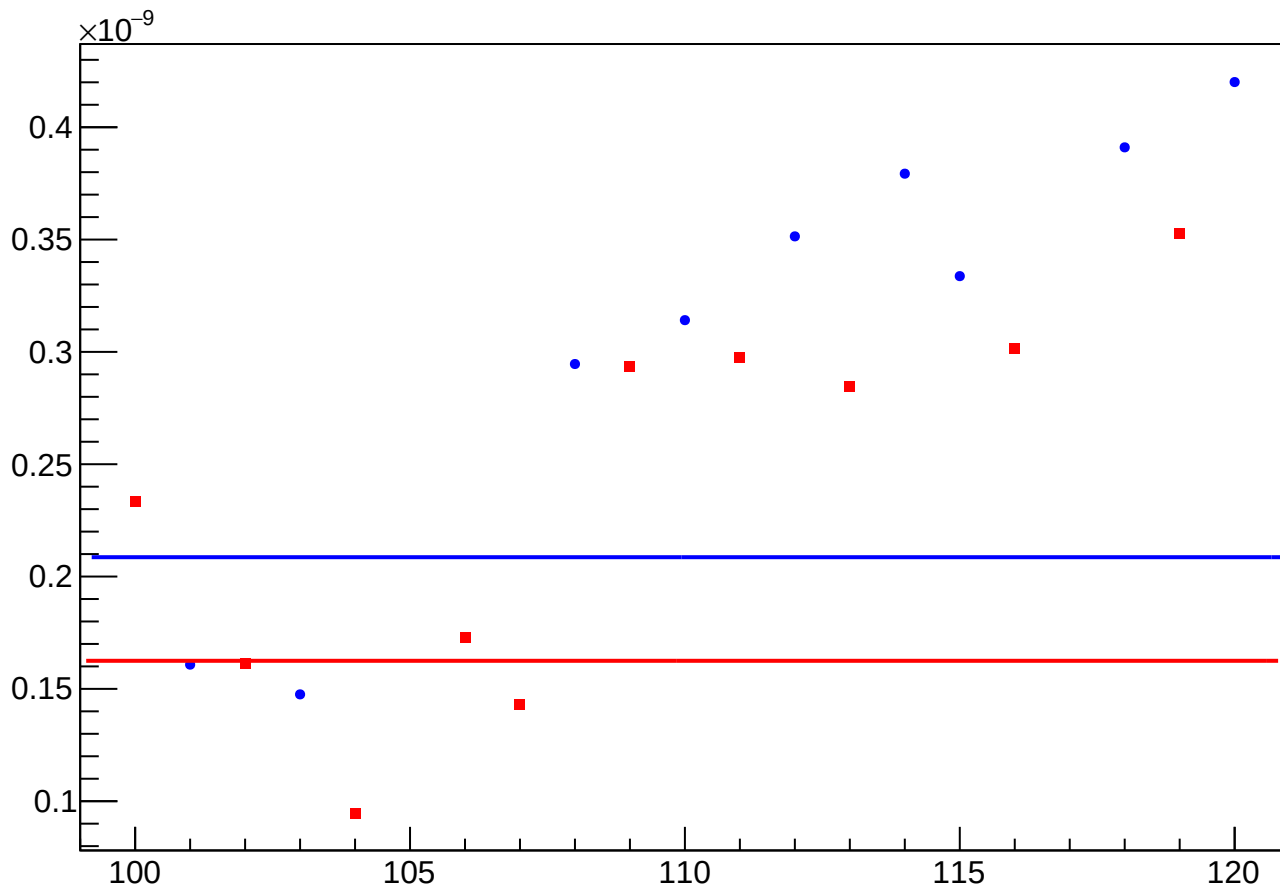
Right: 0.000+/-0.000 χ^2/NDF : 15.0/18

In: 0.000+/-0.000 χ^2/NDF : 8.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.0/18

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 : 766187.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1018781.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

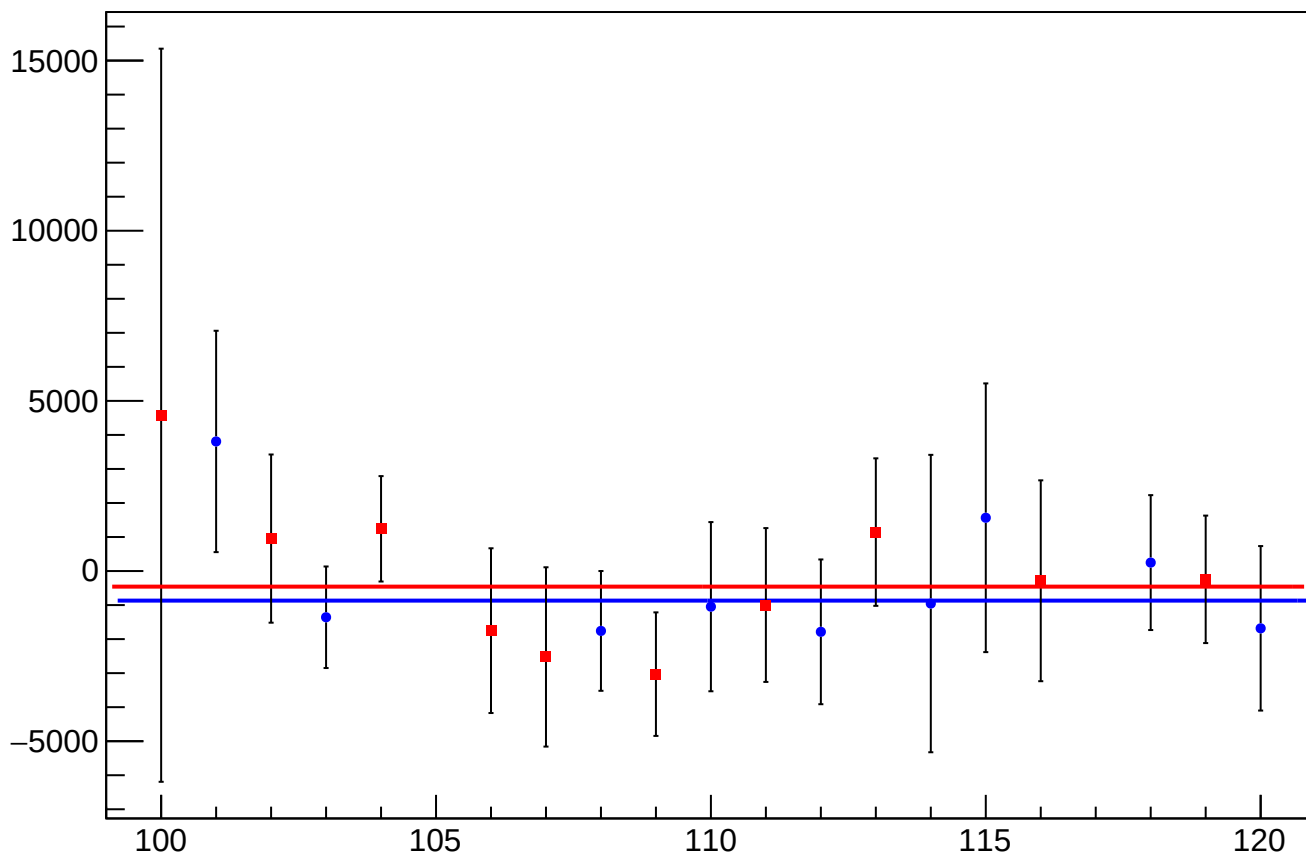
Right: 0.000+/-0.000 χ^2/NDF : 1910879.3/18

In: 0.000+/-0.000 χ^2/NDF : 766187.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1910879.3/18

reg_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -868.855+/-747.038 χ^2/NDF : 3.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -457.807+/-704.280 χ^2/NDF : 5.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

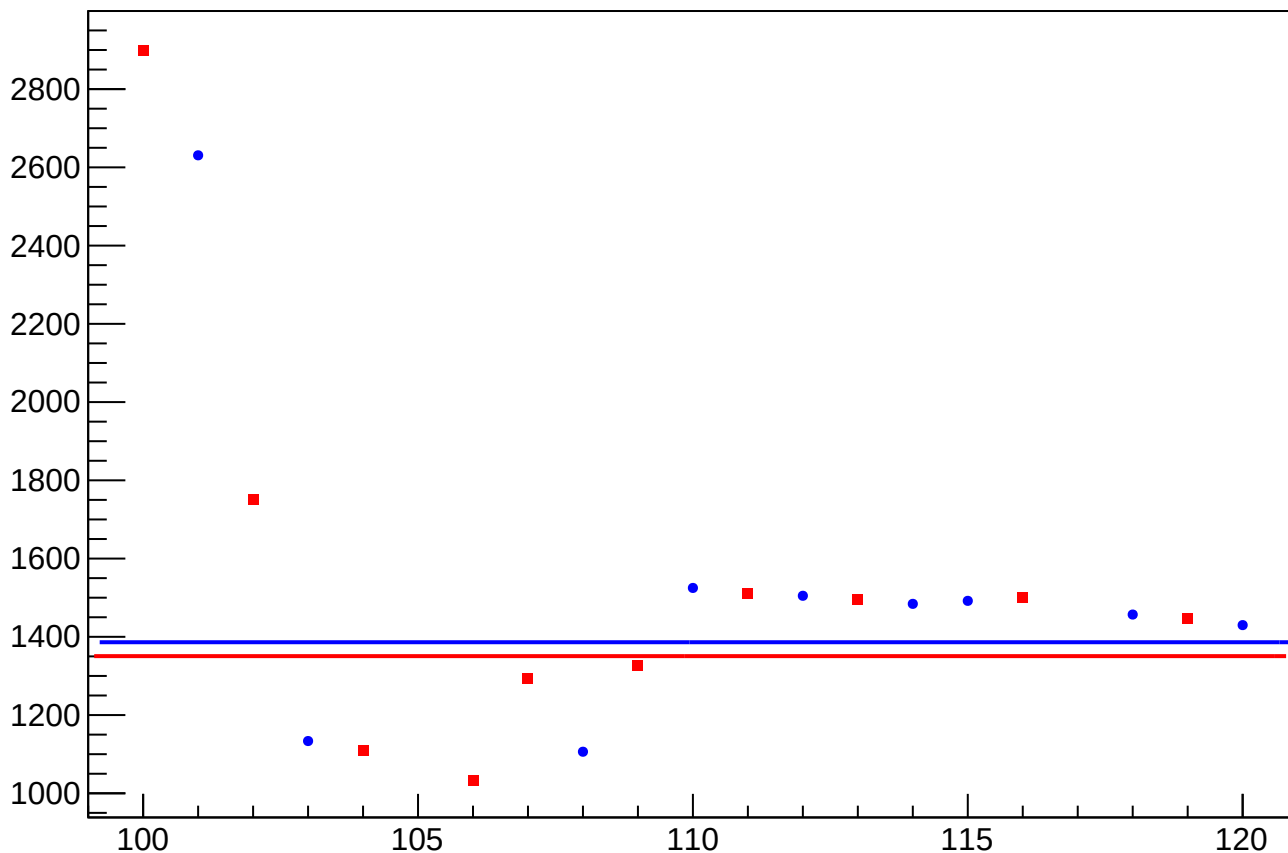
Right: -651.231+/-512.451 χ^2/NDF : 8.9/18

In: -868.855+/-747.038 χ^2/NDF : 3.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -651.231+/-512.451 χ^2/NDF : 8.9/18

reg_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1386.155+/-0.528 χ^2/NDF : 418920.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1350.635+/-0.492 χ^2/NDF : 217105.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

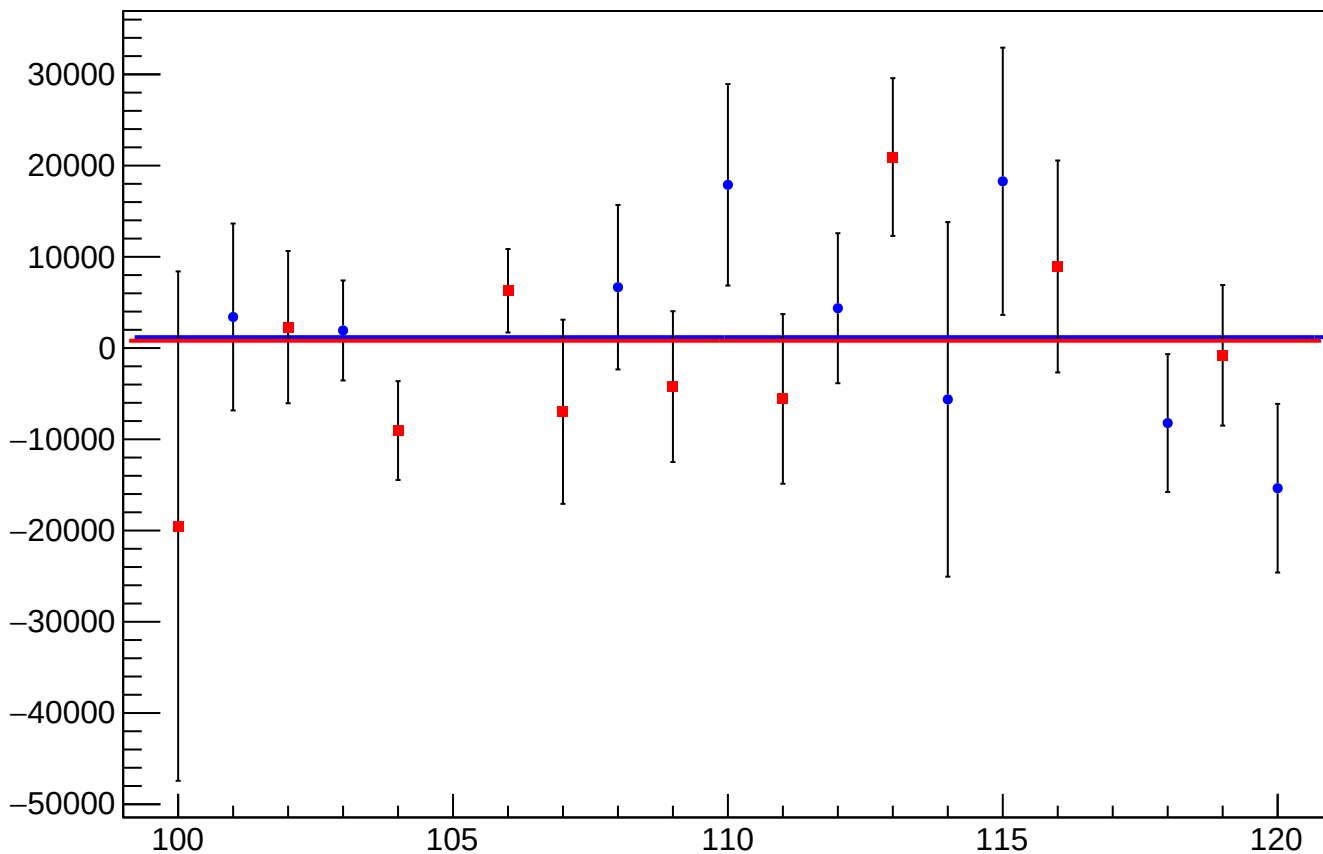
Right: 1367.134+/-0.360 χ^2/NDF : 638447.2/18

In: 1386.155+/-0.528 χ^2/NDF : 418920.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1367.134+/-0.360 χ^2/NDF : 638447.2/18

asym_us_avg_at2lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 1192.990+/-2952.893 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 805.539+/-2415.993 χ^2/NDF : 12.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

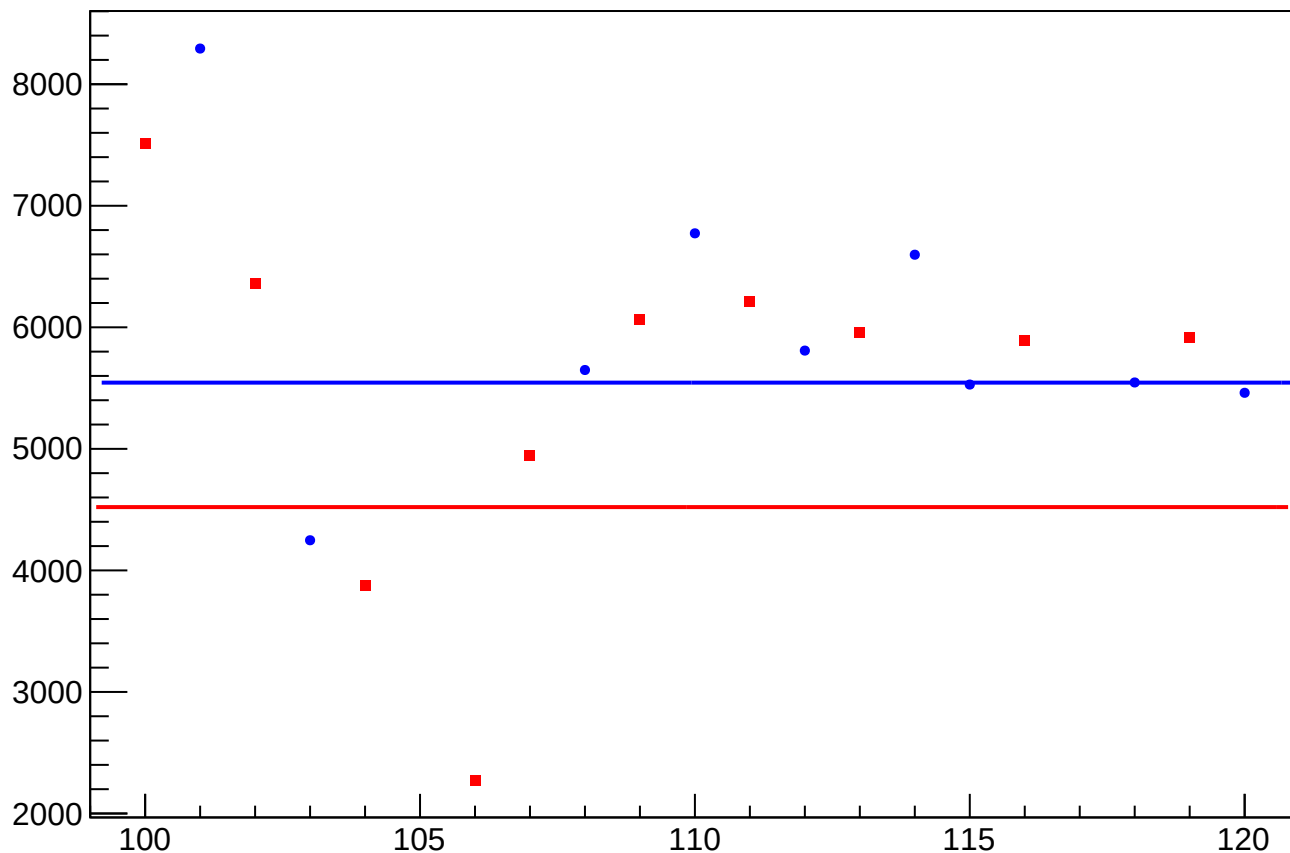
Right: 960.902+/-1869.878 χ^2/NDF : 21.8/18

In: 1192.990+/-2952.893 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 960.902+/-1869.878 χ^2/NDF : 21.8/18

asym_us_avg_at2lr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 5544.859+/-2.088 χ^2/NDF : 289186.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 4520.879+/-1.708 χ^2/NDF : 920120.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

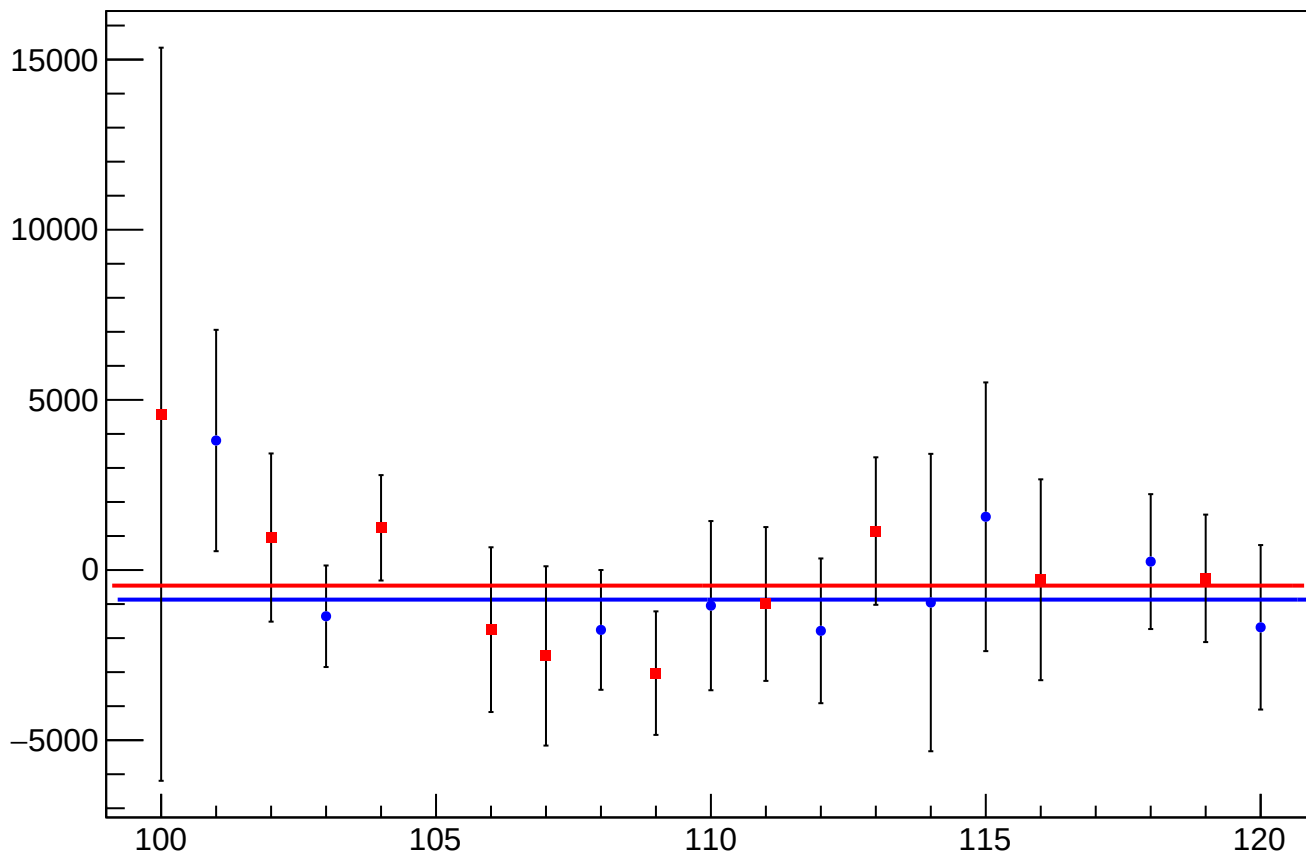
Right: 4931.483+/-1.322 χ^2/NDF : 1353369.7/18

In: 5544.859+/-2.088 χ^2/NDF :289186.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4931.483+/-1.322 χ^2/NDF : 1353369.7/18

cor_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -868.950+/-747.038 χ^2/NDF : 3.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -457.589+/-704.280 χ^2/NDF : 5.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

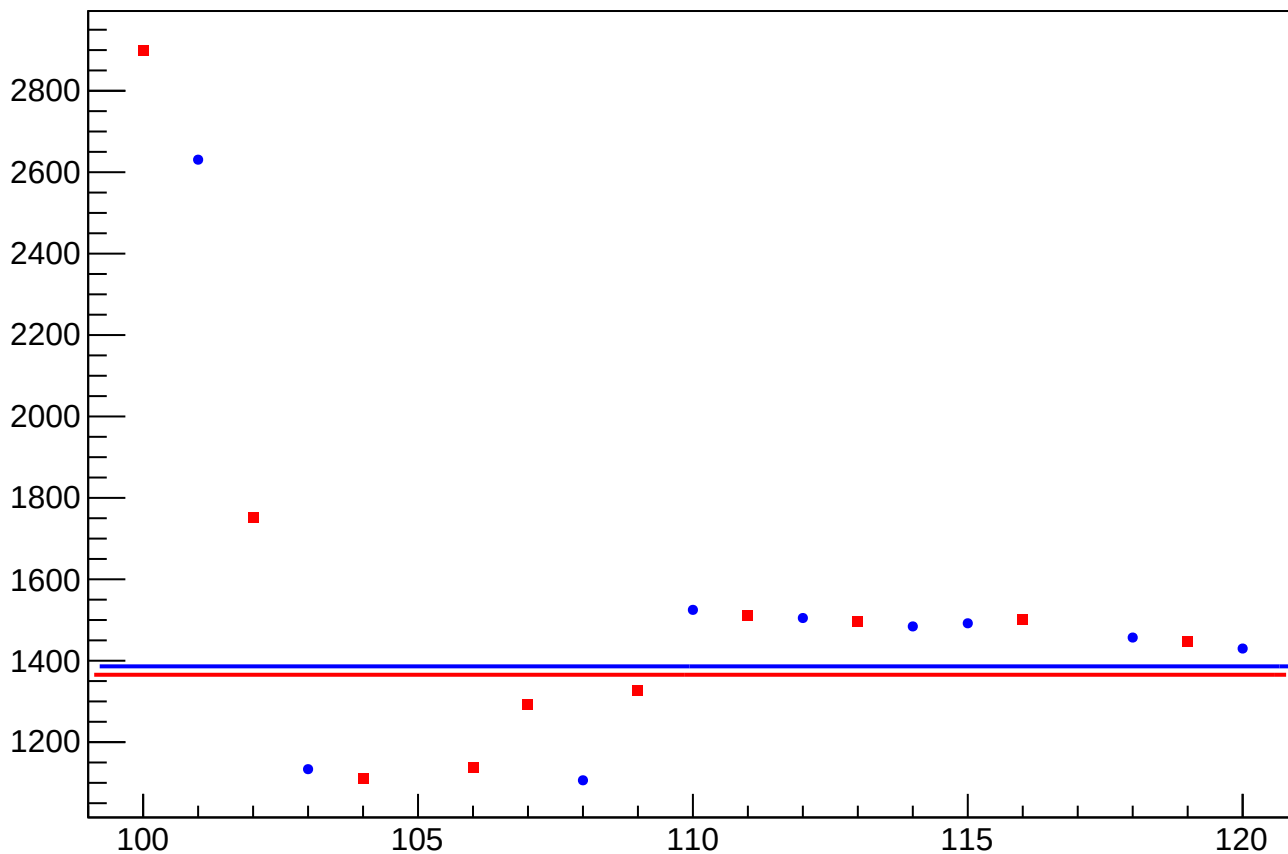
Right: -651.161+/-512.451 χ^2/NDF : 8.9/18

In: -868.950+/-747.038 χ^2/NDF : 3.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -651.161+/-512.451 χ^2/NDF : 8.9/18

cor_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1386.155+/-0.528 χ^2/NDF : 418920.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1365.496+/-0.496 χ^2/NDF : 188832.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

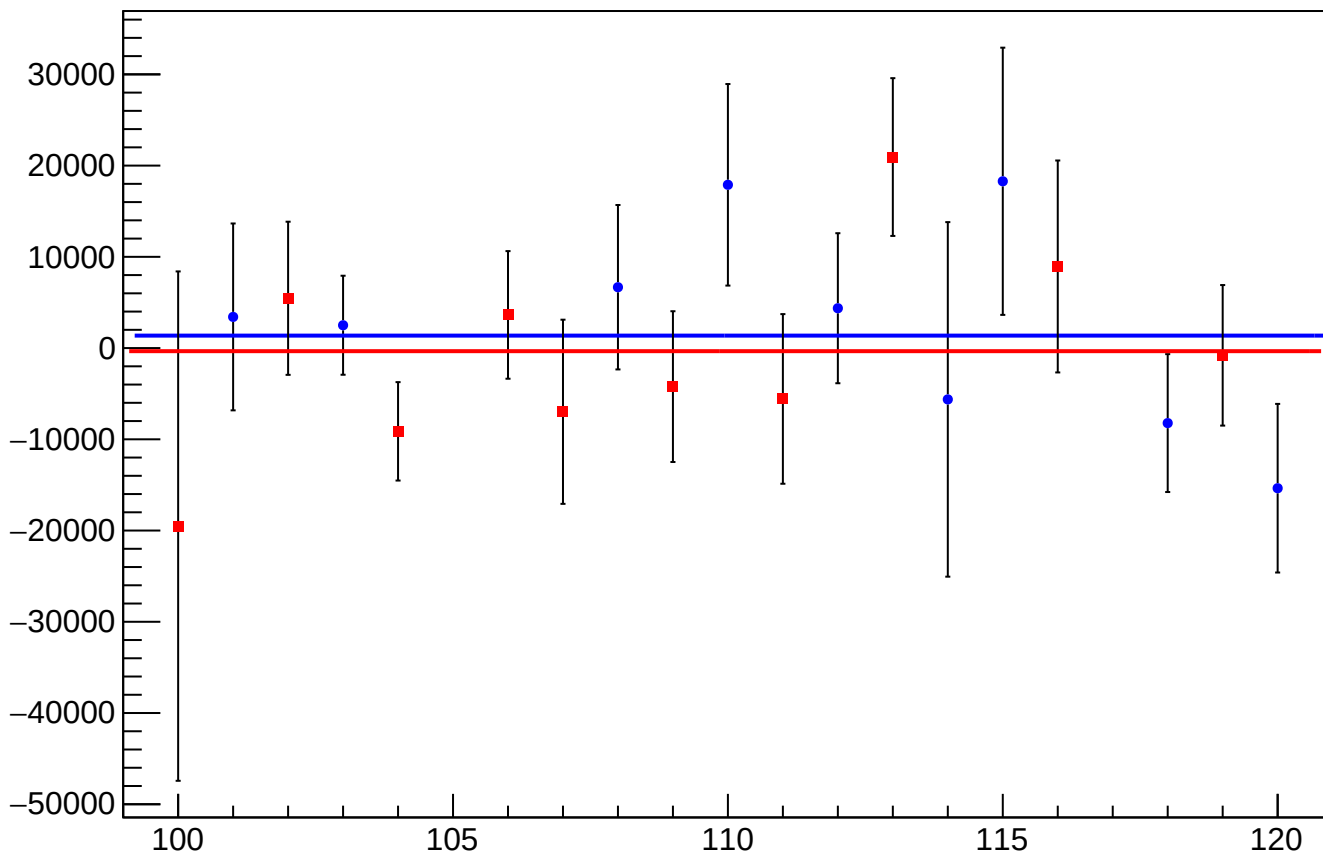
Right: 1375.178+/-0.362 χ^2/NDF : 608565.0/18

In: 1386.155+/-0.528 χ^2/NDF : 418920.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1375.178+/-0.362 χ^2/NDF : 608565.0/18

asym_us_avg_at2lr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1365.782+/-2944.592 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -339.791+/-2635.485 χ^2/NDF : 11.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

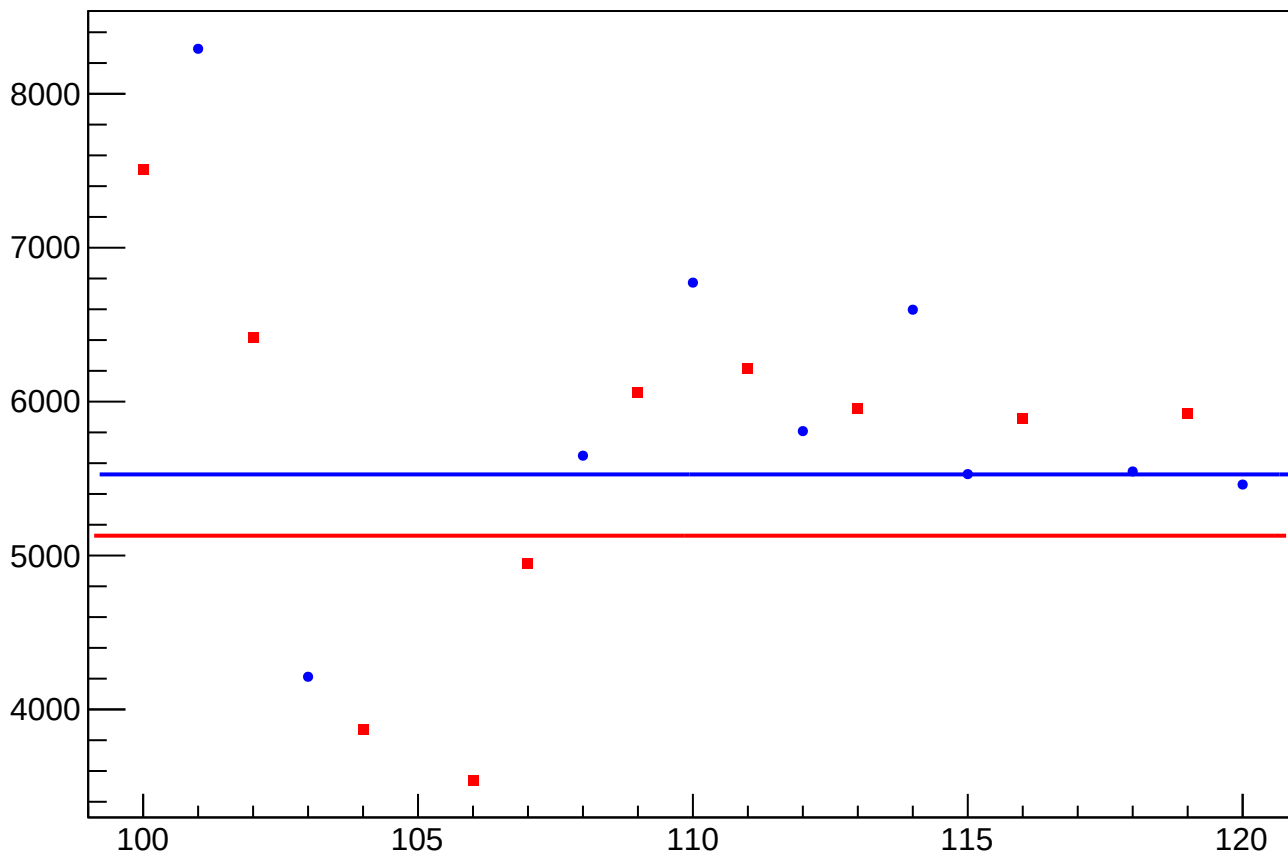
Right: 418.805+/-1963.791 χ^2/NDF : 20.9/18

In: 1365.782+/-2944.592 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 418.805+/-1963.791 χ^2/NDF : 20.9/18

asym_us_avg_at2lr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 5527.037+/-2.082 χ^2/NDF : 297611.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5128.846+/-1.864 χ^2/NDF : 375416.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

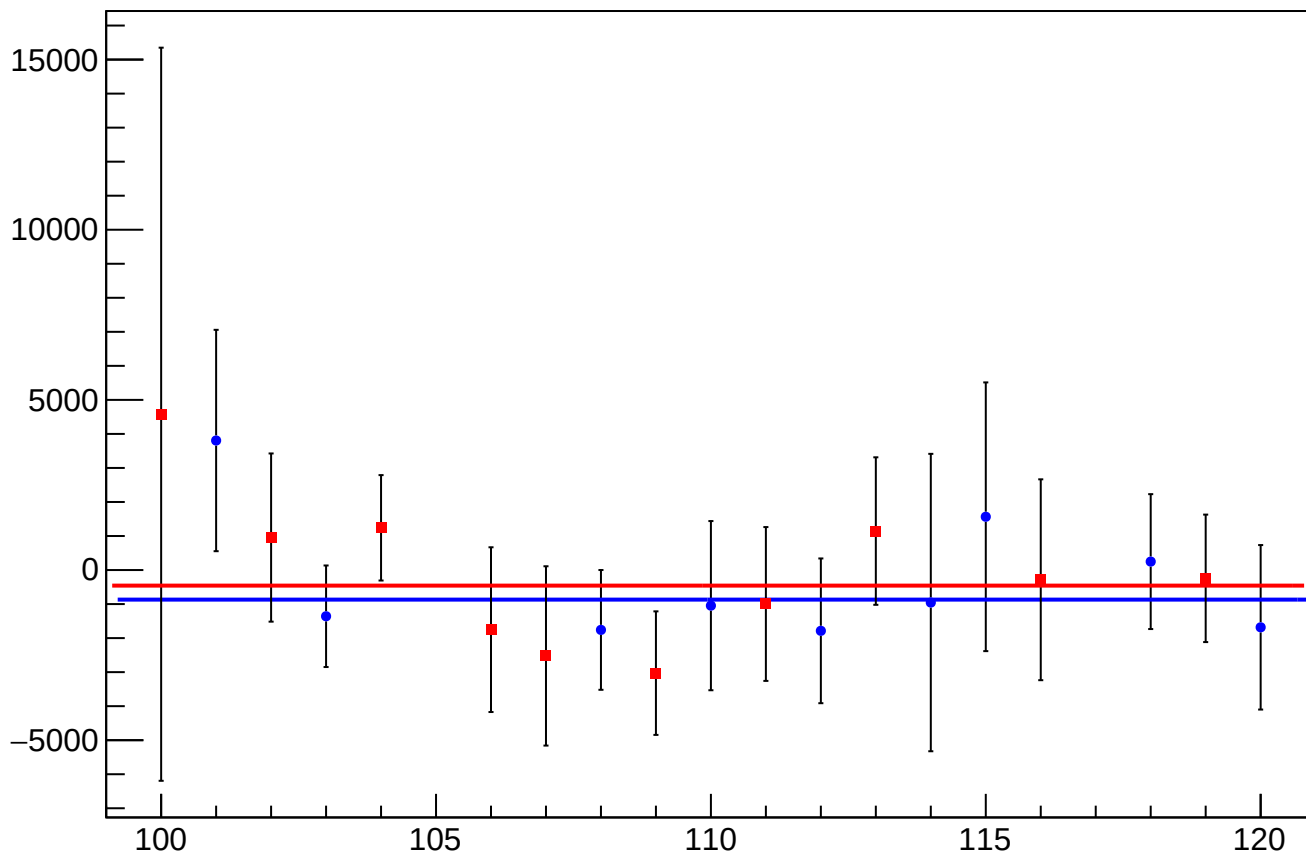
Right: 5305.951+/-1.389 χ^2/NDF : 693334.8/18

In: 5527.037+/-2.082 χ^2/NDF : 297611.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5305.951+/-1.389 χ^2/NDF : 693334.8/18

eigen_cor_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -868.950+/-747.038 χ^2/NDF : 3.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -457.589+/-704.280 χ^2/NDF : 5.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

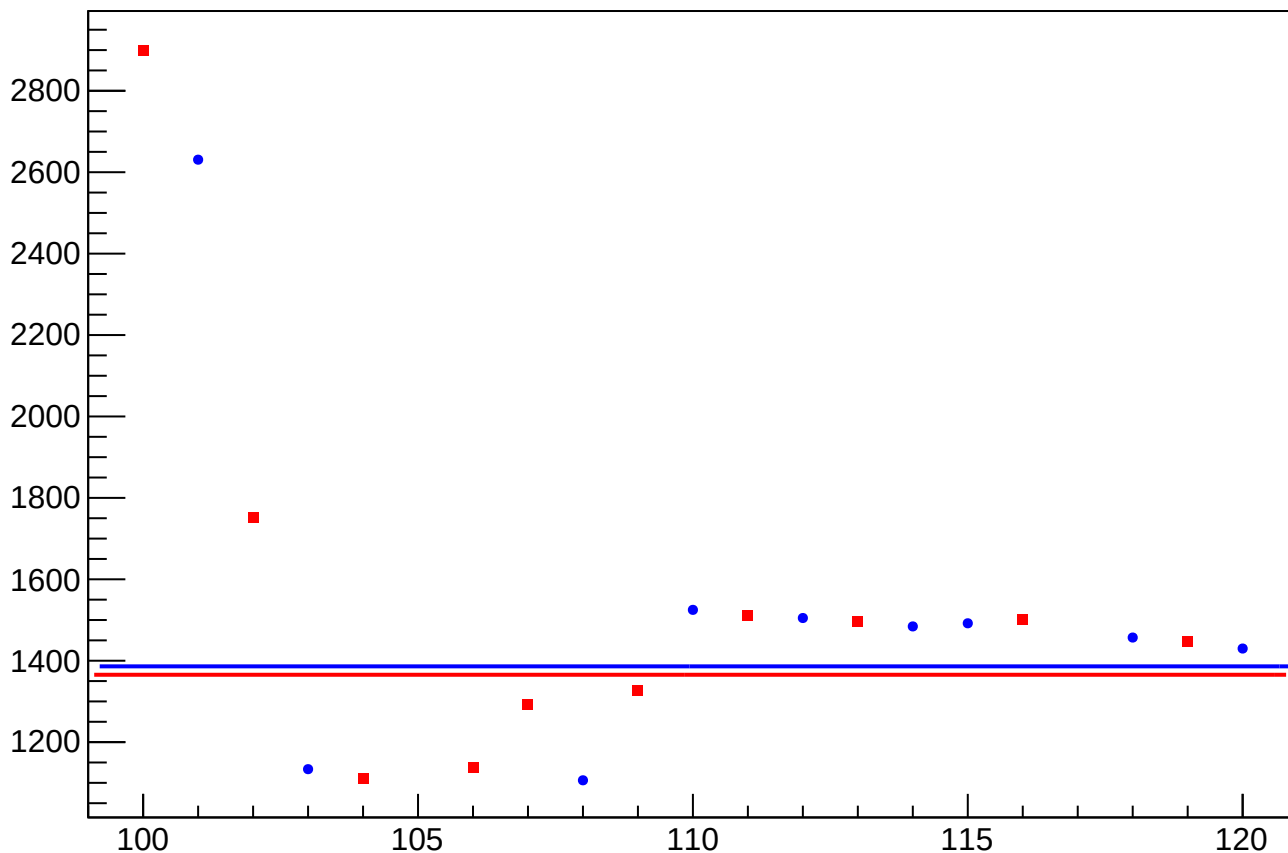
Right: -651.161+/-512.451 χ^2/NDF : 8.9/18

In: -868.950+/-747.038 χ^2/NDF : 3.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -651.161+/-512.451 χ^2/NDF : 8.9/18

eigen_cor_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1386.155+/-0.528 χ^2/NDF : 418920.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1365.496+/-0.496 χ^2/NDF : 188832.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

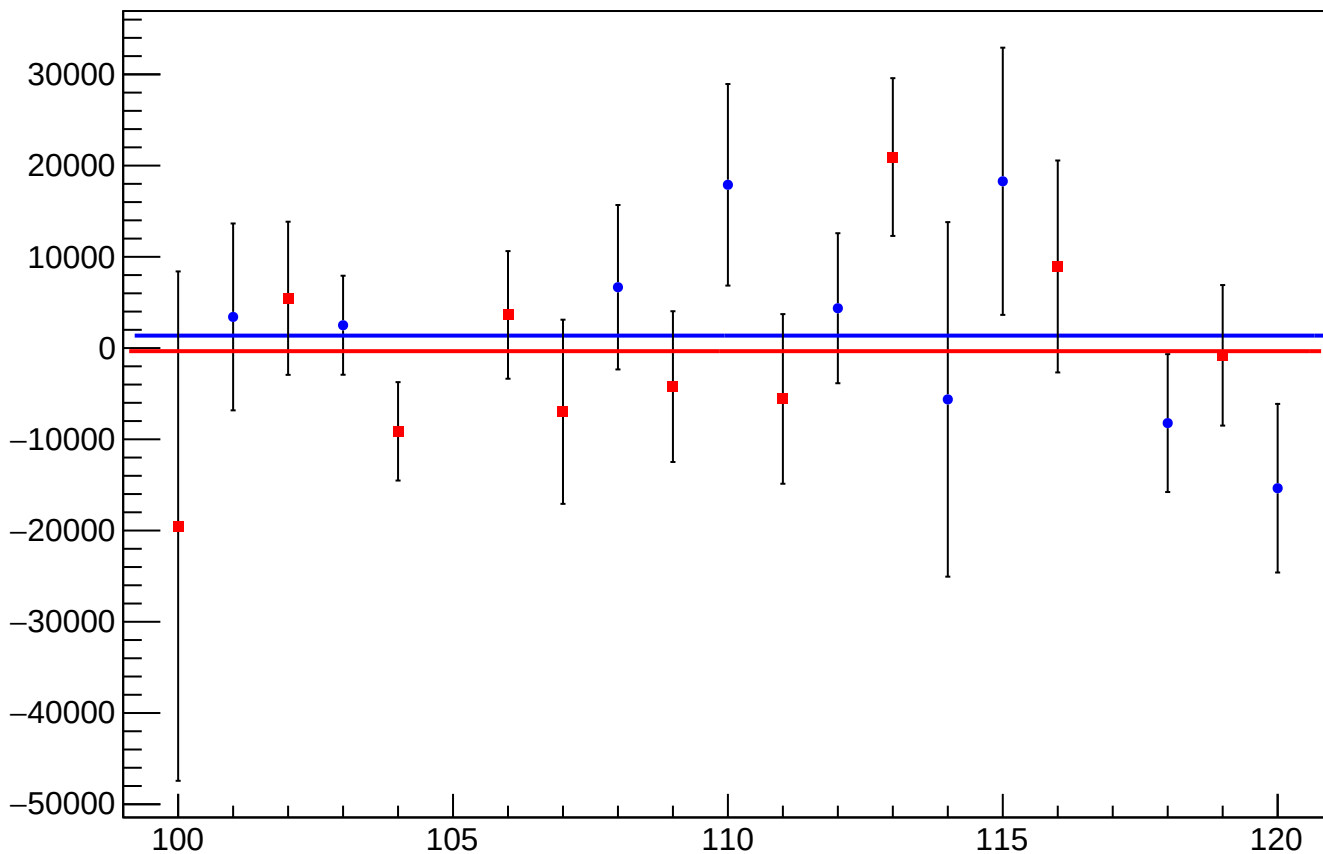
Right: 1375.178+/-0.362 χ^2/NDF : 608565.0/18

In: 1386.155+/-0.528 χ^2/NDF : 418920.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1375.178+/-0.362 χ^2/NDF : 608565.0/18

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1365.782+/-2944.592 χ^2 /NDF: 9.2/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -339.791+/-2635.485 χ^2 /NDF: 11.6/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

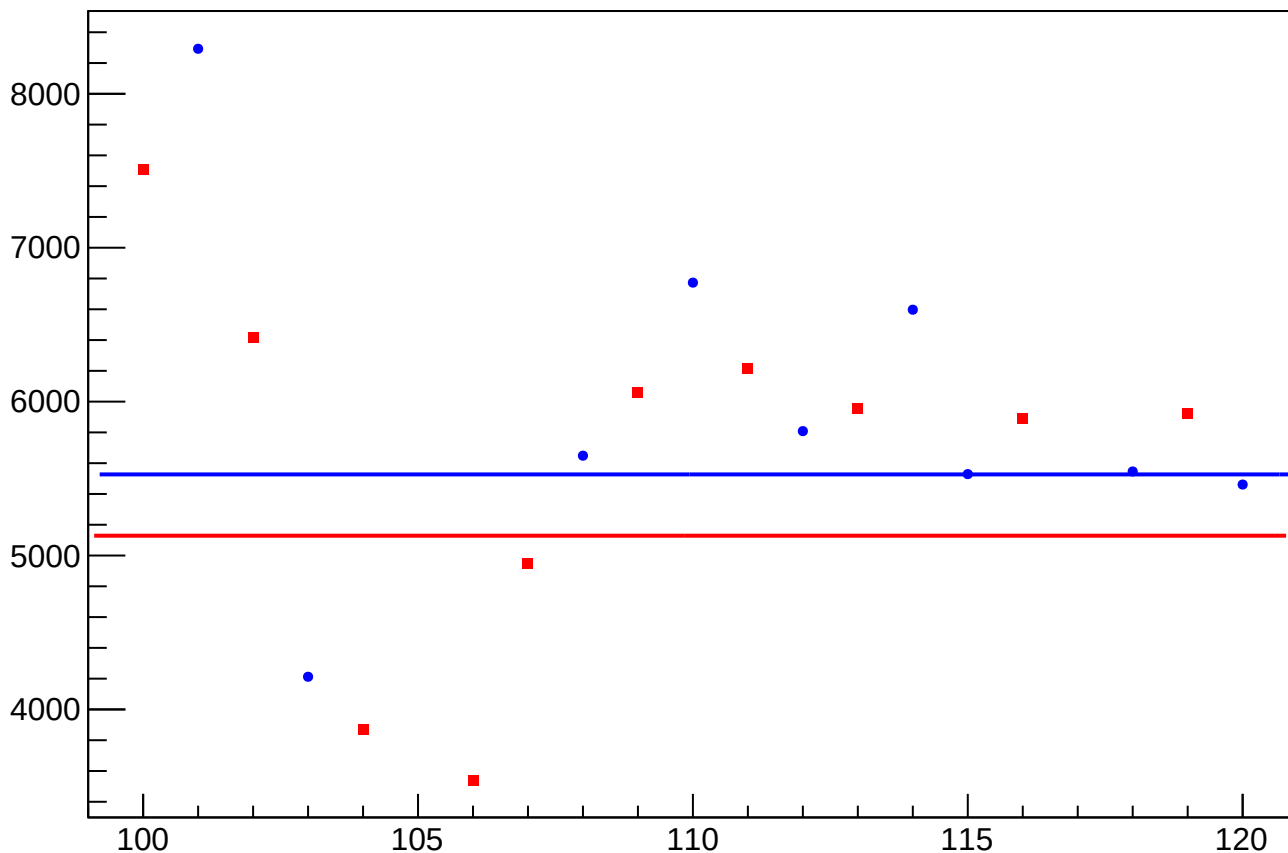
Right: 418.805+/-1963.791 χ^2 /NDF: 20.9/18

In: 1365.782+/-2944.592 χ^2 /NDF:9.2/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 418.805+/-1963.791 χ^2 /NDF: 20.9/18

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 5527.037+/-2.082 χ^2/NDF : 297611.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5128.846+/-1.864 χ^2/NDF : 375416.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

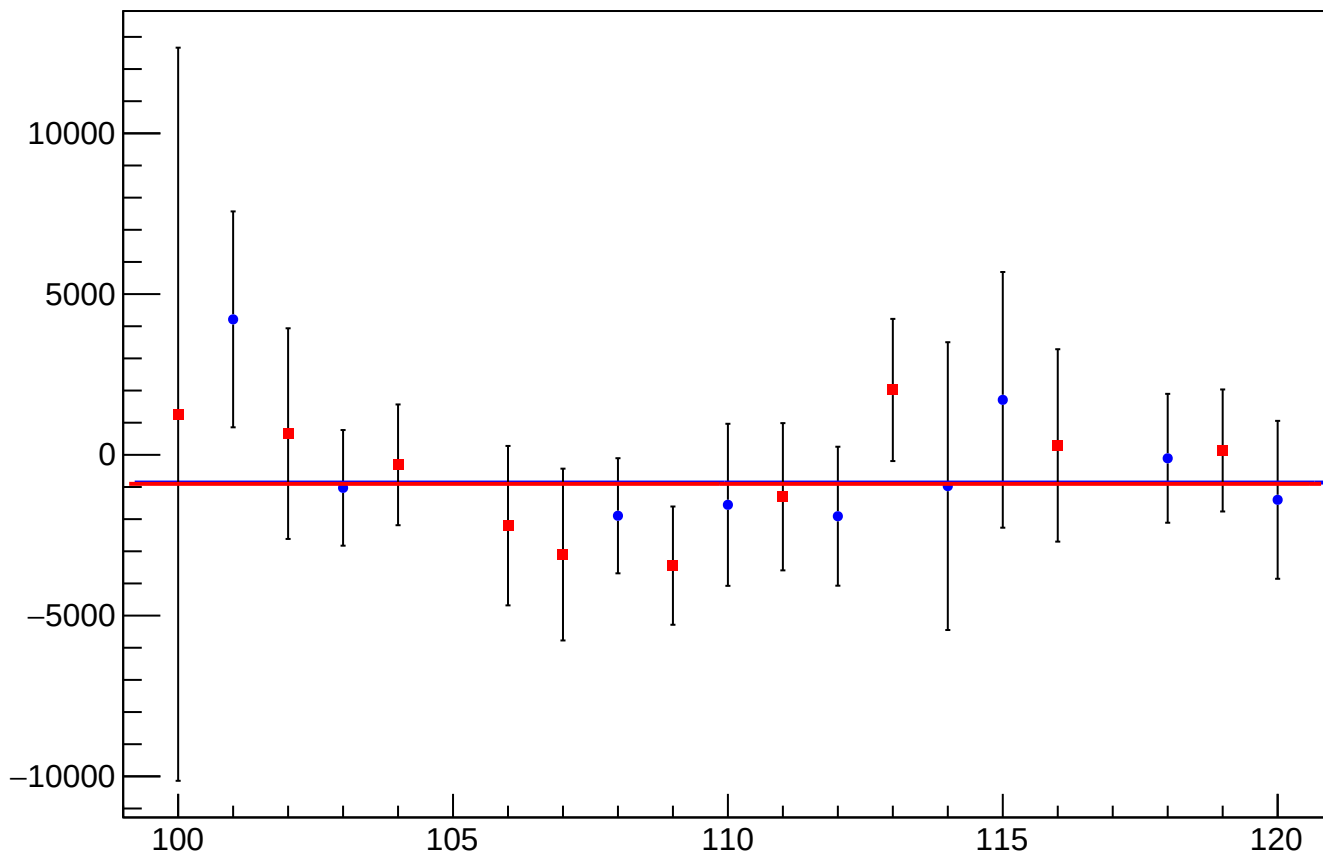
Right: 5305.951+/-1.389 χ^2/NDF : 693334.8/18

In: 5527.037+/-2.082 χ^2/NDF : 297611.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5305.951+/-1.389 χ^2/NDF : 693334.8/18

dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -861.924+/-788.323 χ^2/NDF : 3.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -901.729+/-752.220 χ^2/NDF : 5.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

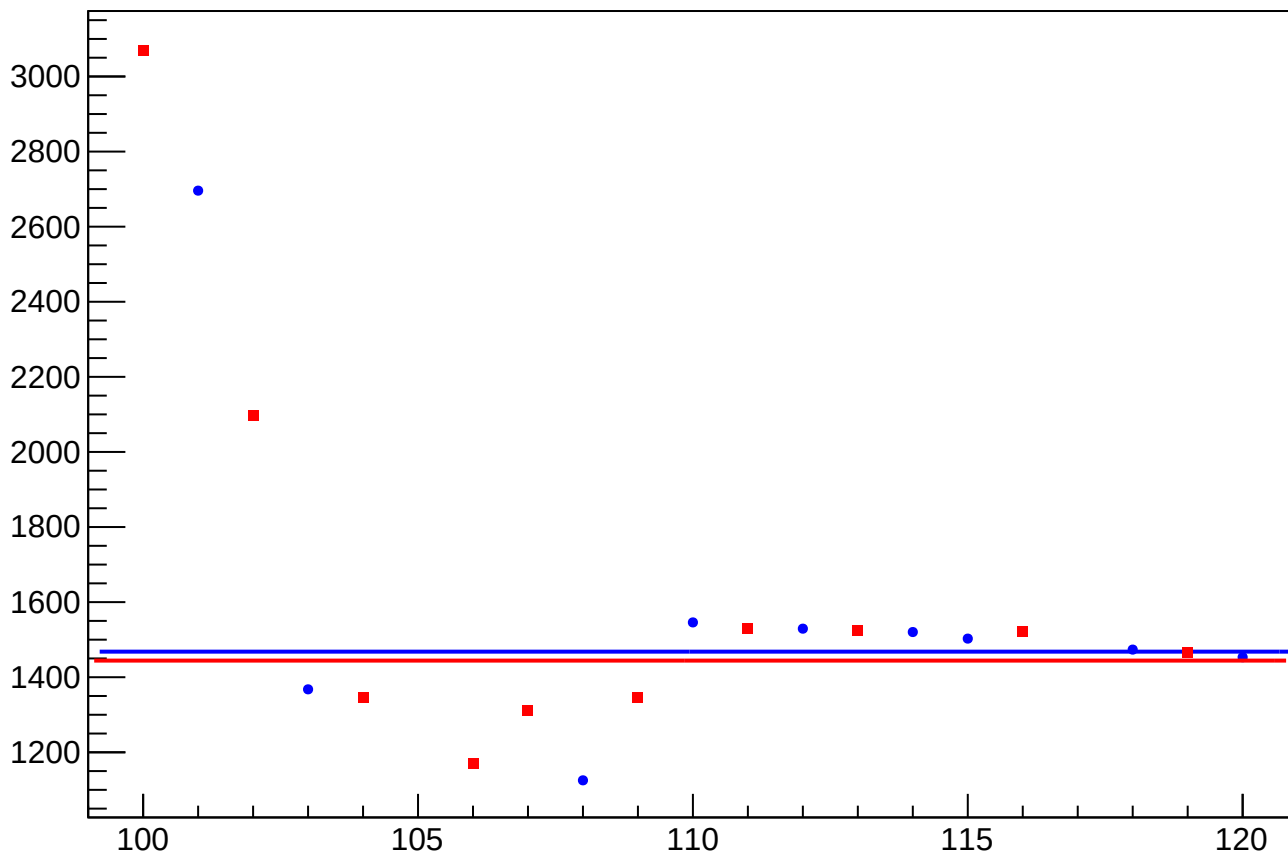
Right: -882.759+/-544.216 χ^2/NDF : 9.0/18

In: -861.924+/-788.323 χ^2/NDF :3.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -882.759+/-544.216 χ^2/NDF : 9.0/18

dit_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1468.111+/-0.557 χ^2/NDF : 350975.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1444.264+/-0.532 χ^2/NDF : 167813.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

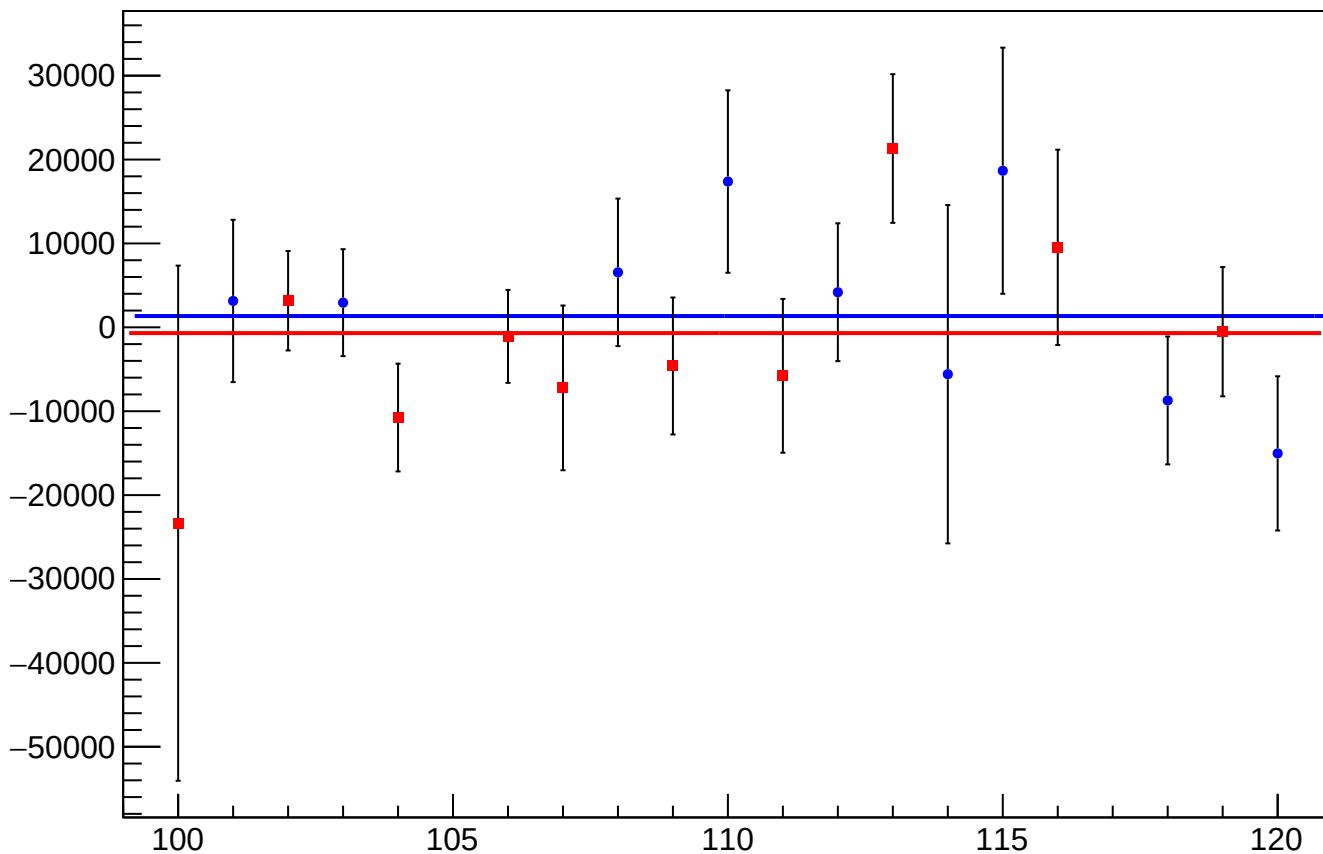
Right: 1455.623+/-0.385 χ^2/NDF : 519748.2/18

In: 1468.111+/-0.557 χ^2/NDF : 350975.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1455.623+/-0.385 χ^2/NDF : 519748.2/18

asym_us_avg_at2lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1344.703+/-3047.970 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -685.826+/-2495.700 χ^2/NDF : 11.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

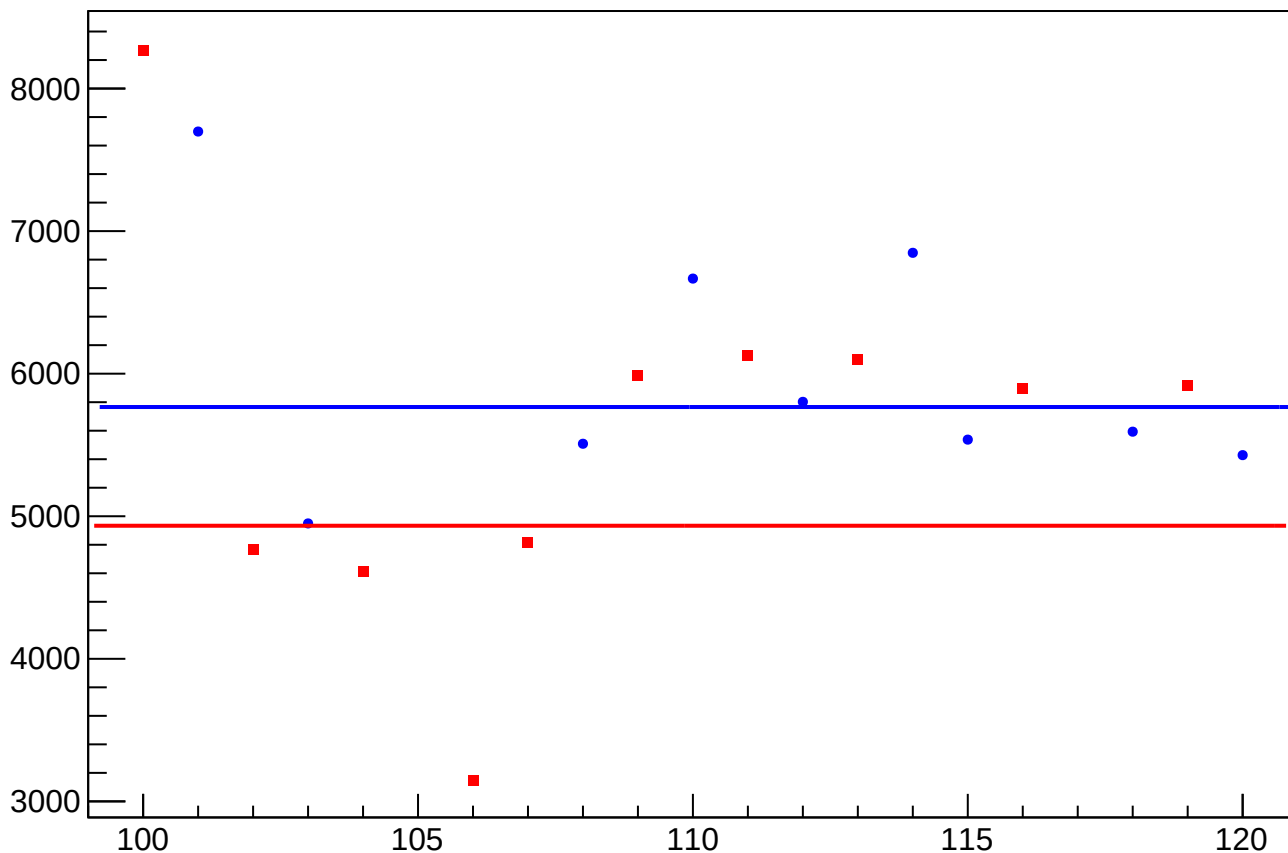
Right: 129.142+/-1930.973 χ^2/NDF : 20.8/18

In: 1344.703+/-3047.970 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.142+/-1930.973 χ^2/NDF : 20.8/18

asym_us_avg_at2lr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 5766.162+/-2.155 χ^2/NDF : 138014.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4933.407+/-1.765 χ^2/NDF : 386313.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

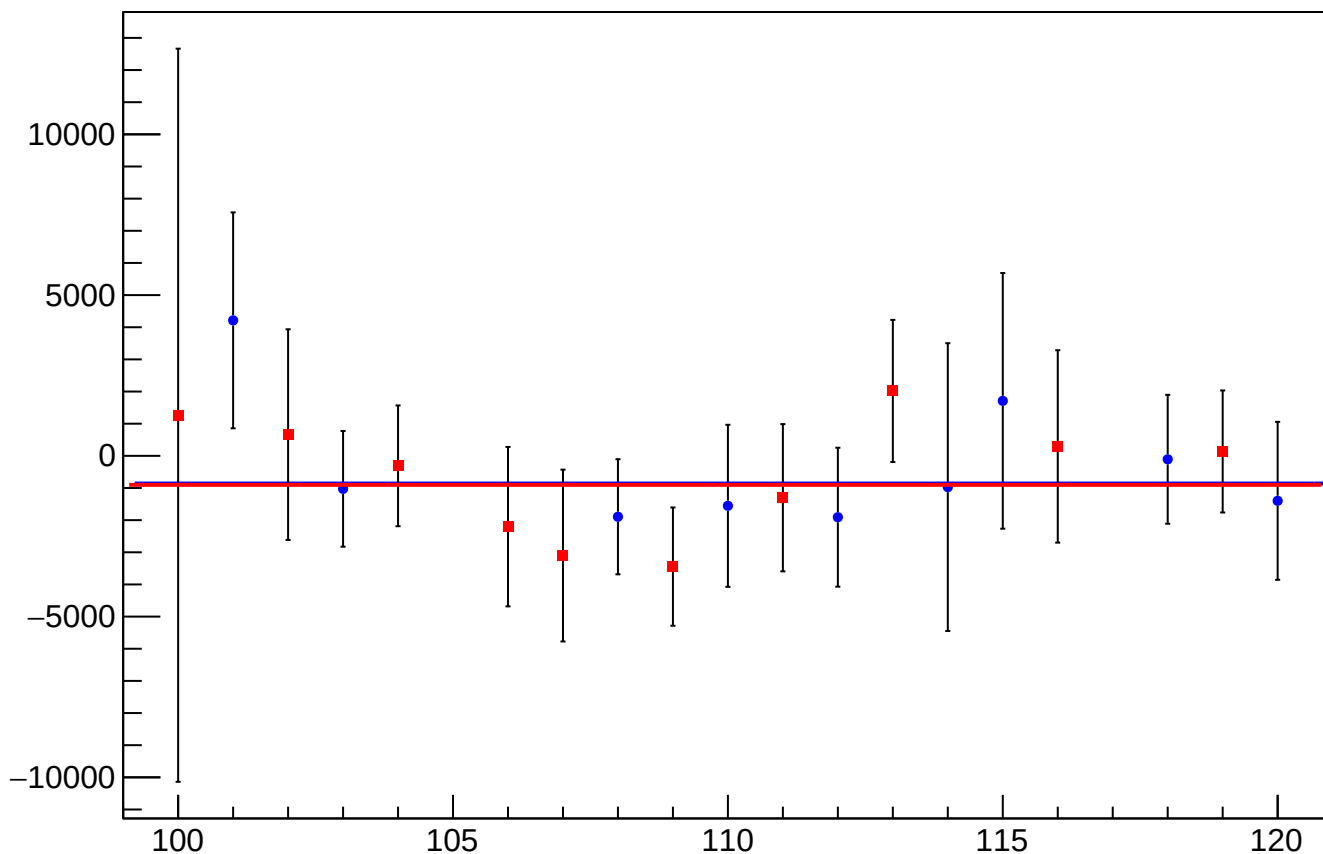
Right: 5267.639+/-1.365 χ^2/NDF : 613701.2/18

In: 5766.162+/-2.155 χ^2/NDF : 138014.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5267.639+/-1.365 χ^2/NDF : 613701.2/18

eigen_dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -861.920+/-788.324 χ^2/NDF : 3.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -901.743+/-752.220 χ^2/NDF : 5.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

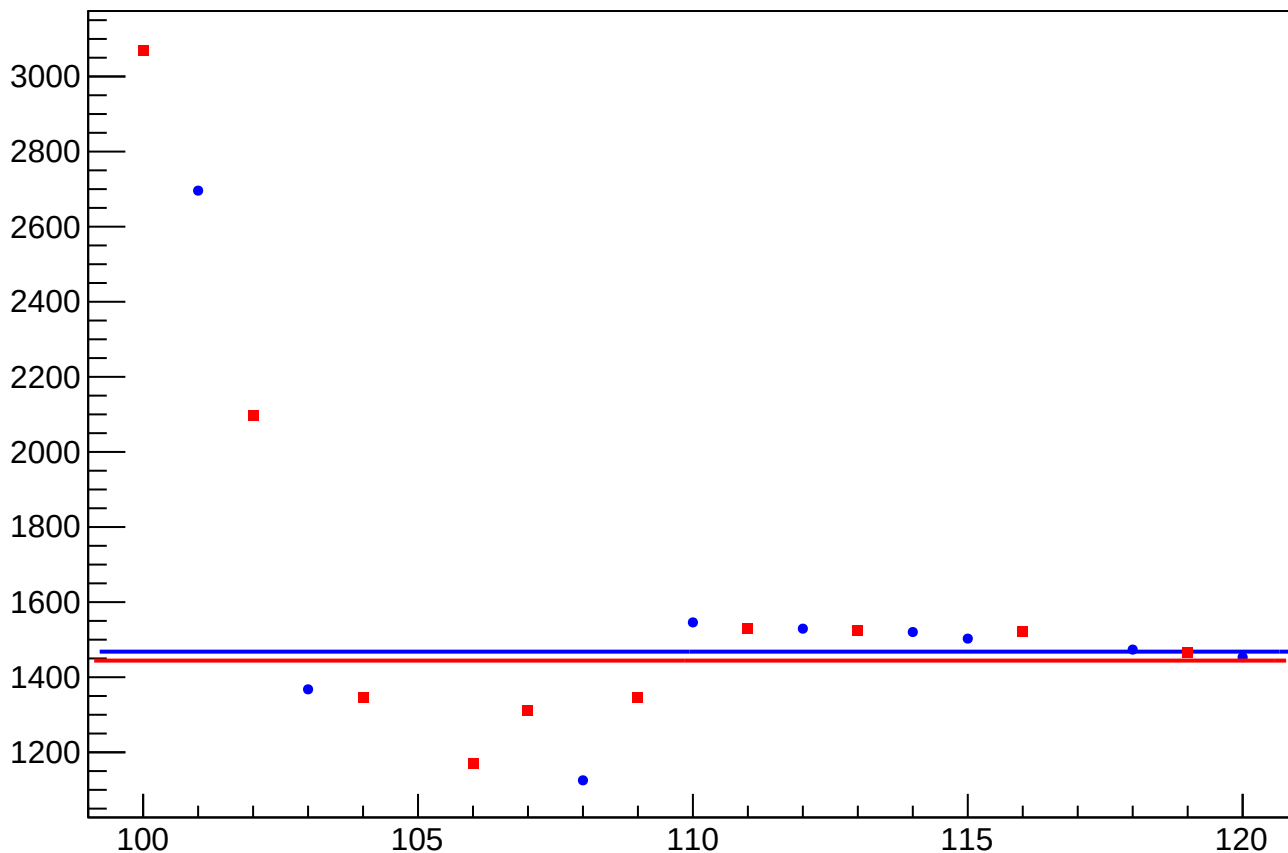
Right: -882.764+/-544.216 χ^2/NDF : 9.0/18

In: -861.920+/-788.324 χ^2/NDF :3.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -882.764+/-544.216 χ^2/NDF : 9.0/18

eigen_dit_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1468.112+/-0.557 χ^2/NDF : 350975.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1444.265+/-0.532 χ^2/NDF : 167814.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

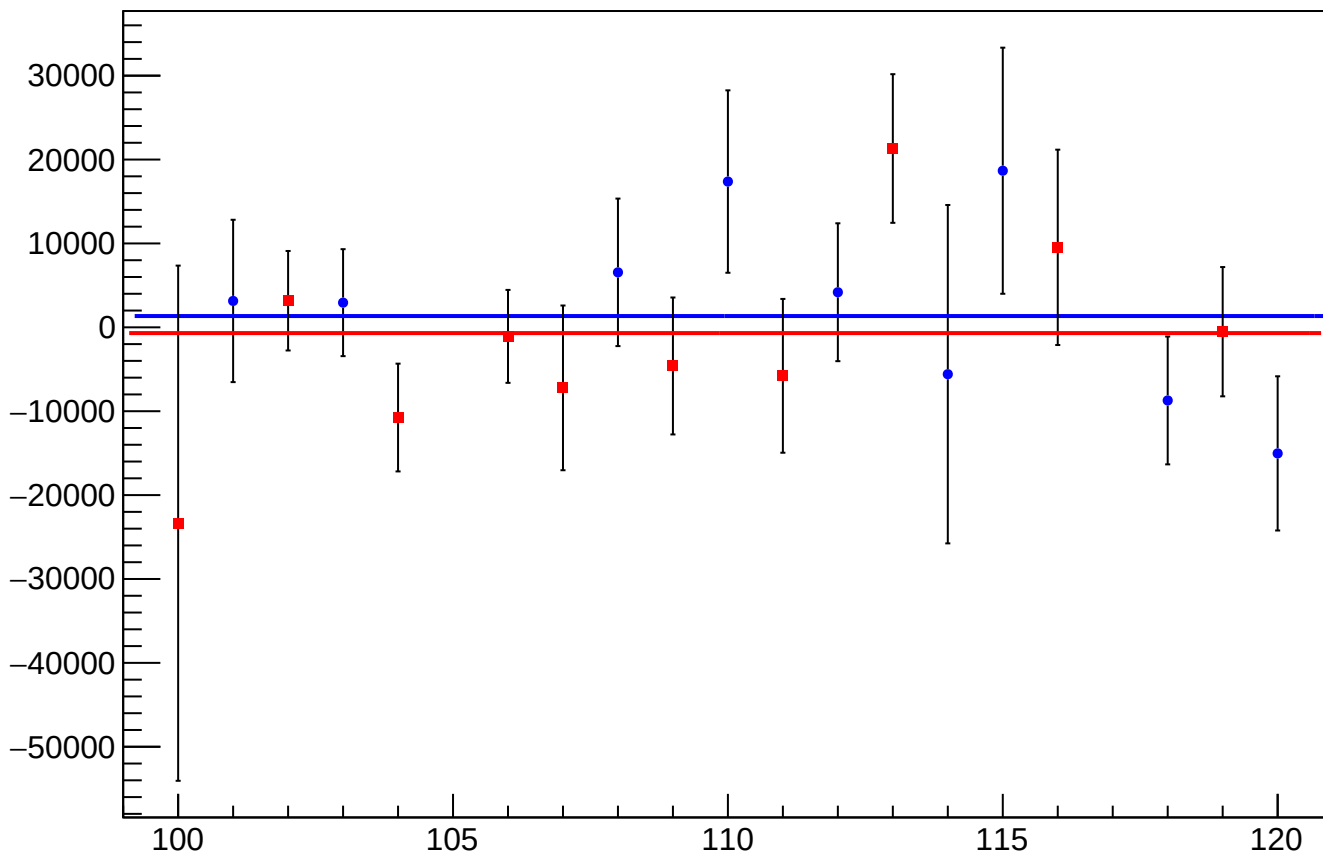
Right: 1455.624+/-0.385 χ^2/NDF : 519747.8/18

In: 1468.112+/-0.557 χ^2/NDF : 350975.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1455.624+/-0.385 χ^2/NDF : 519747.8/18

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1344.689+/-3047.963 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -685.835+/-2495.695 χ^2/NDF : 11.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

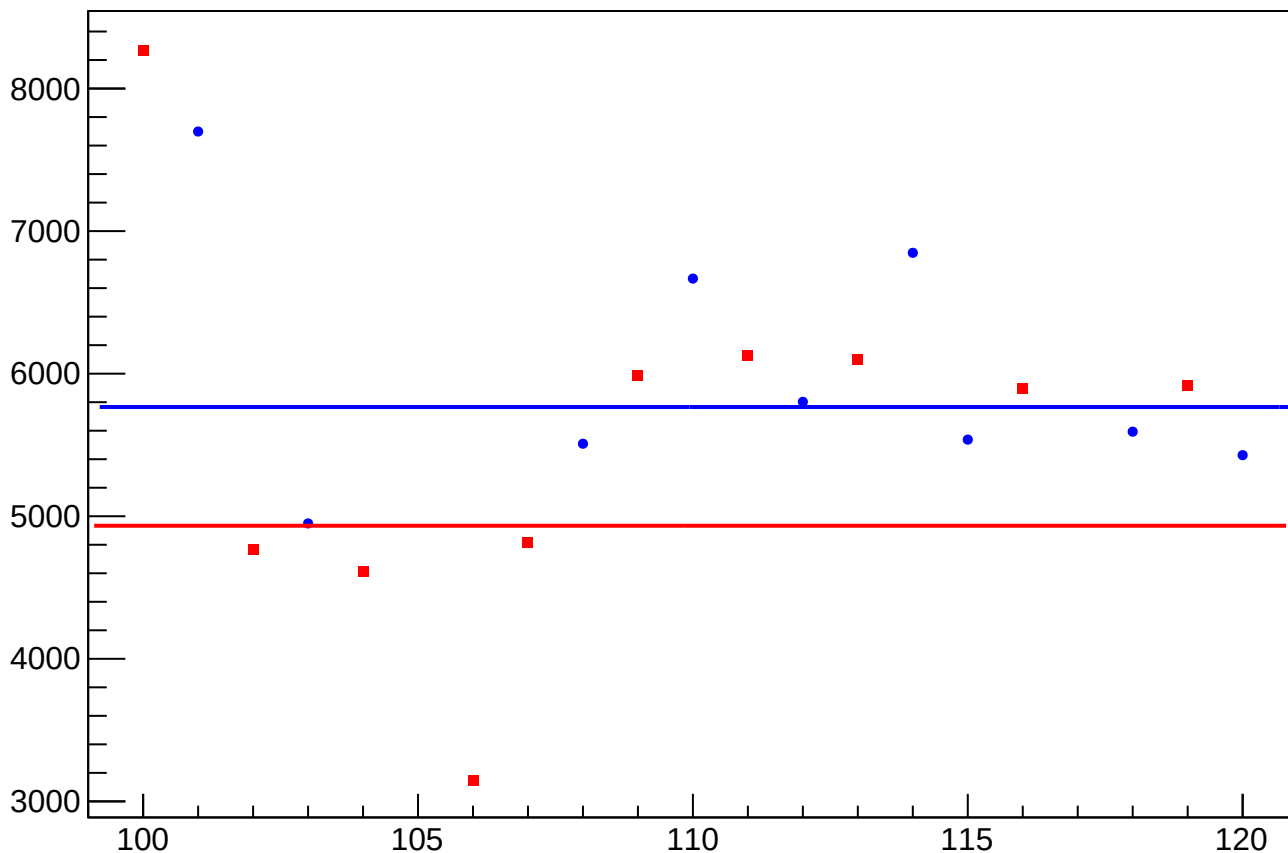
Right: 129.131+/-1930.969 χ^2/NDF : 20.8/18

In: 1344.689+/-3047.963 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.131+/-1930.969 χ^2/NDF : 20.8/18

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 5766.150+/-2.155 χ^2/NDF : 138014.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4933.398+/-1.765 χ^2/NDF : 386313.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

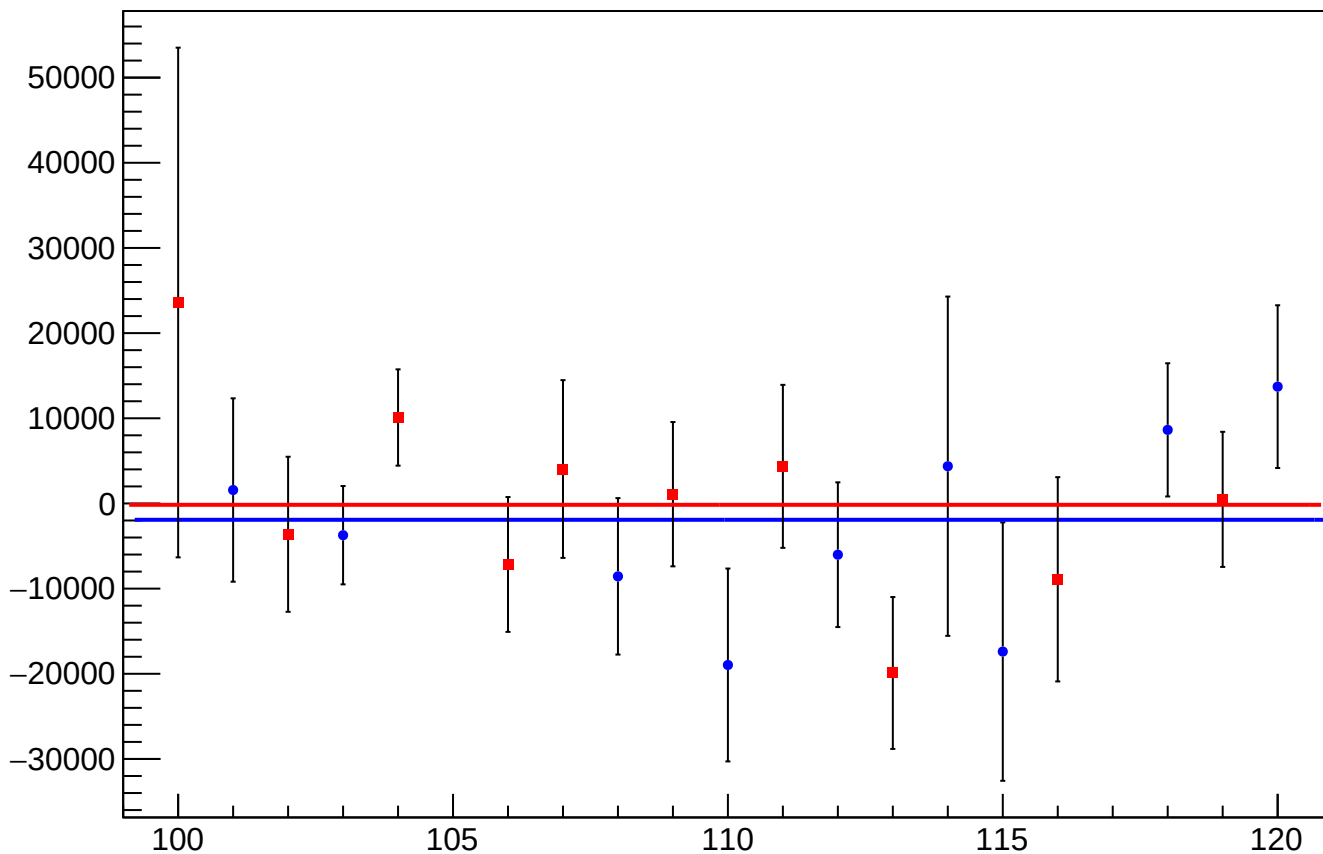
Right: 5267.629+/-1.365 χ^2/NDF : 613700.9/18

In: 5766.150+/-2.155 χ^2/NDF : 138014.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5267.629+/-1.365 χ^2/NDF : 613700.9/18

asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1918.211+/-3067.054 χ^2/NDF : 8.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -159.509+/-2774.593 χ^2/NDF : 10.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

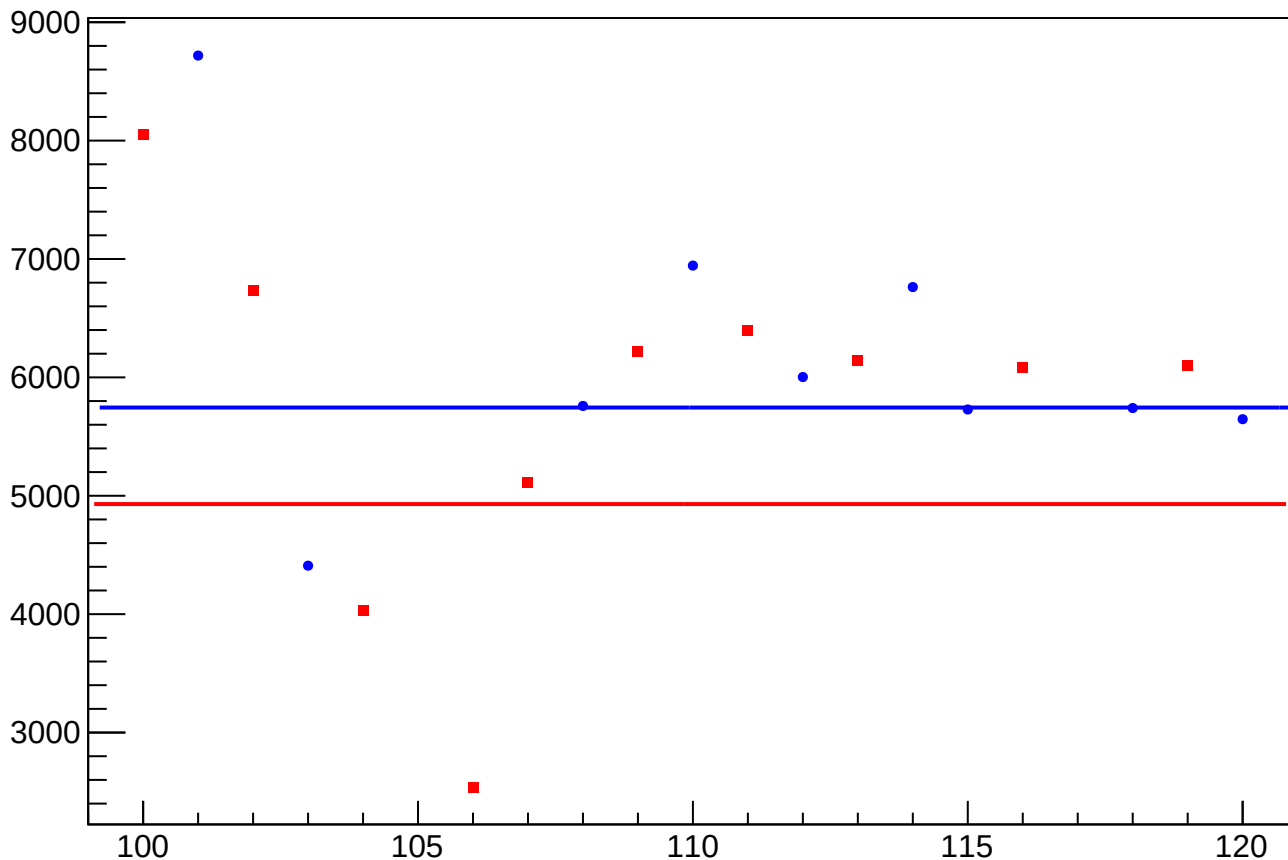
Right: -951.031+/-2057.580 χ^2/NDF : 19.7/18

In: -1918.211+/-3067.054 χ^2/NDF : 8.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -951.031+/-2057.580 χ^2/NDF : 19.7/18

asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 5745.326+/-2.169 χ^2/NDF : 289307.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4929.902+/-1.856 χ^2/NDF : 700458.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

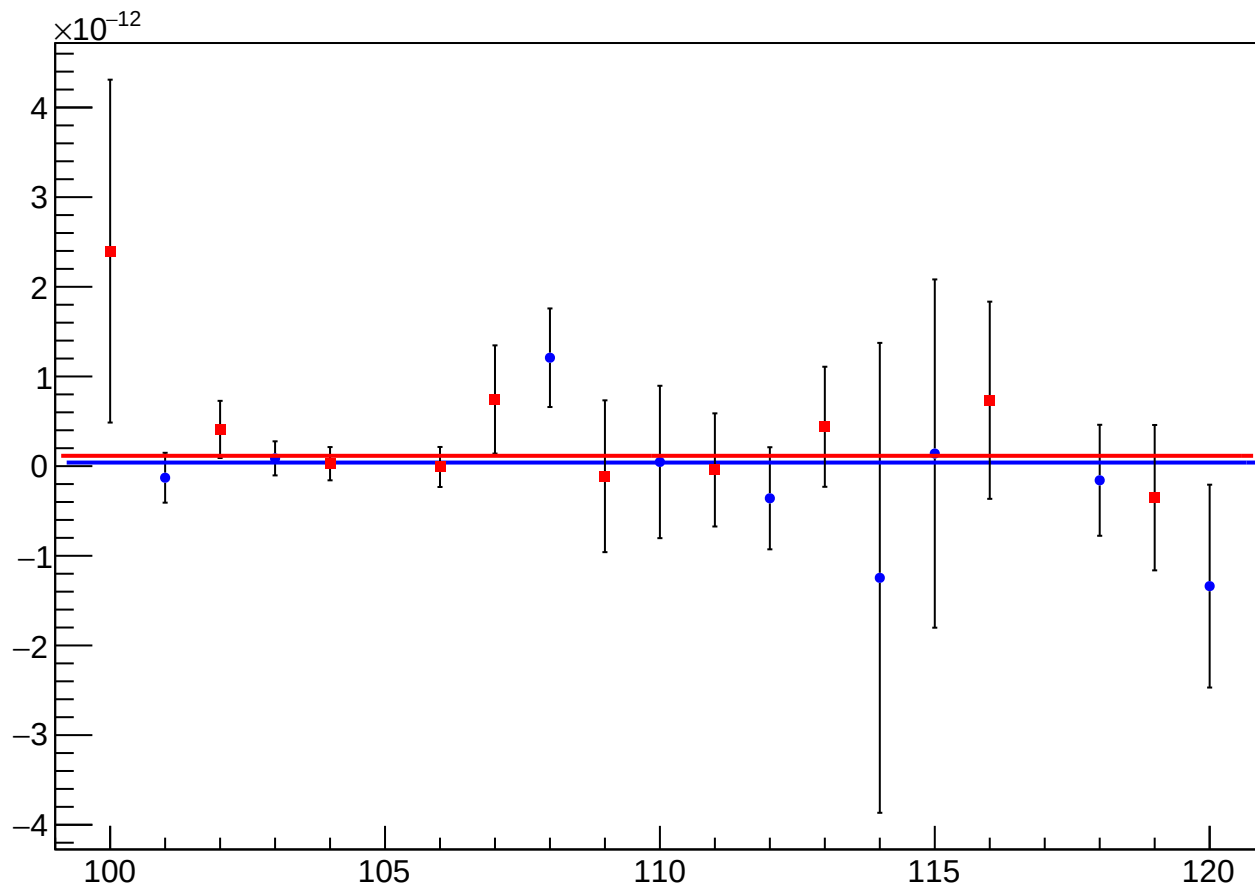
Right: 5274.604+/-1.410 χ^2/NDF : 1071376.0/18

In: 5745.326+/-2.169 χ^2/NDF : 289307.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5274.604+/-1.410 χ^2/NDF : 1071376.0/18

asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

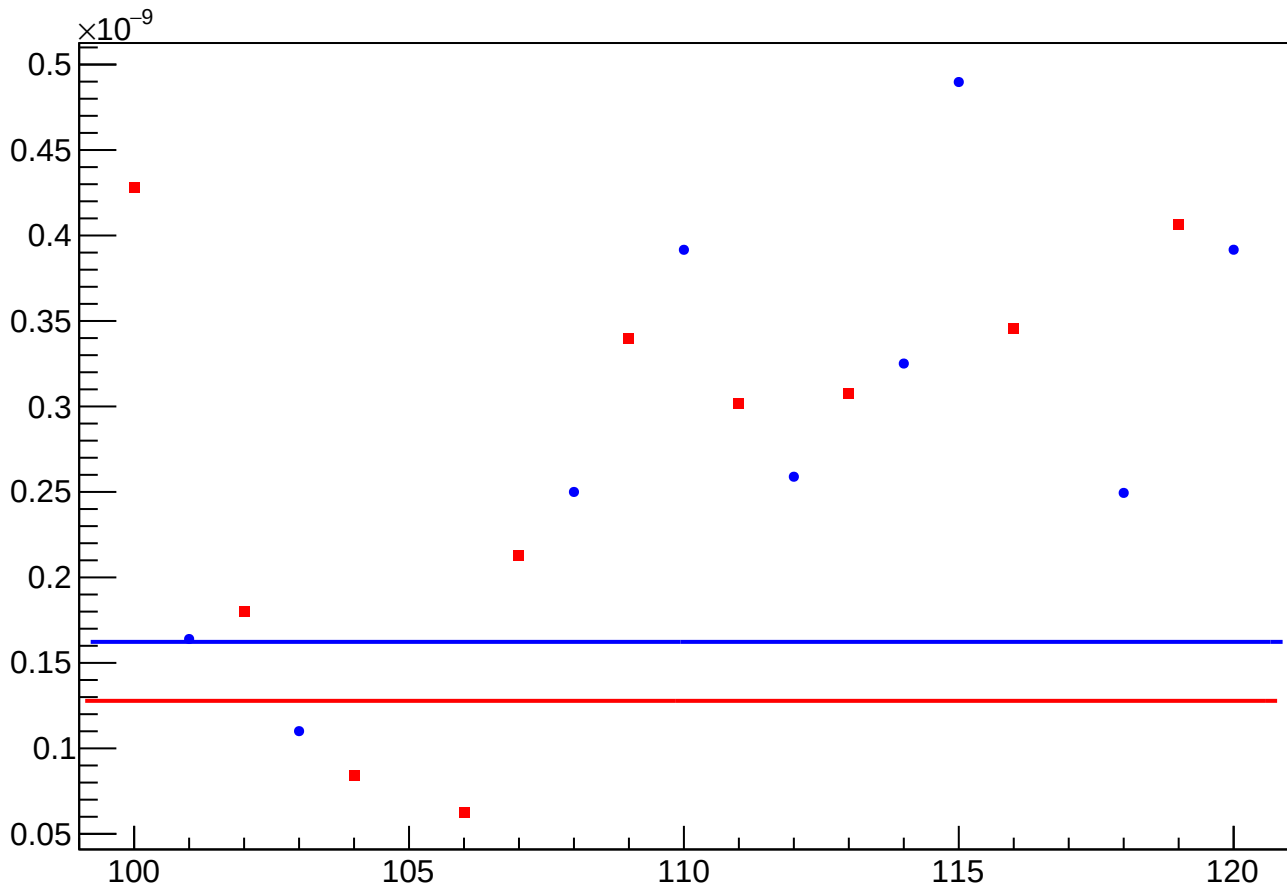
Right: 0.000+/-0.000 χ^2/NDF : 12.4/18

In: 0.000+/-0.000 χ^2/NDF : 7.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.4/18

asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 591564.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1161054.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

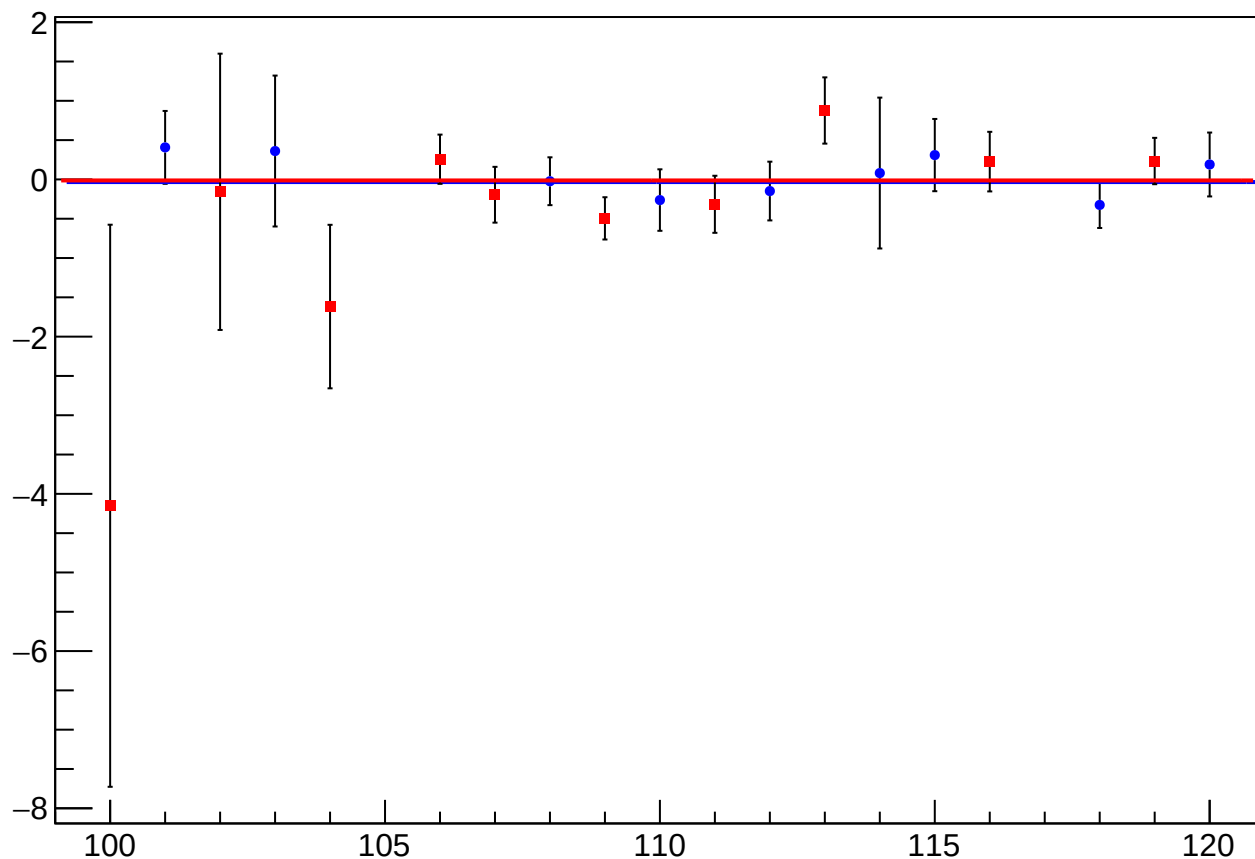
Right: 0.000+/-0.000 χ^2/NDF : 1823982.6/18

In: 0.000+/-0.000 χ^2/NDF : 591564.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1823982.6/18

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.034 ± 0.136 χ^2/NDF : 3.4/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.013 ± 0.124 χ^2/NDF : 14.2/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

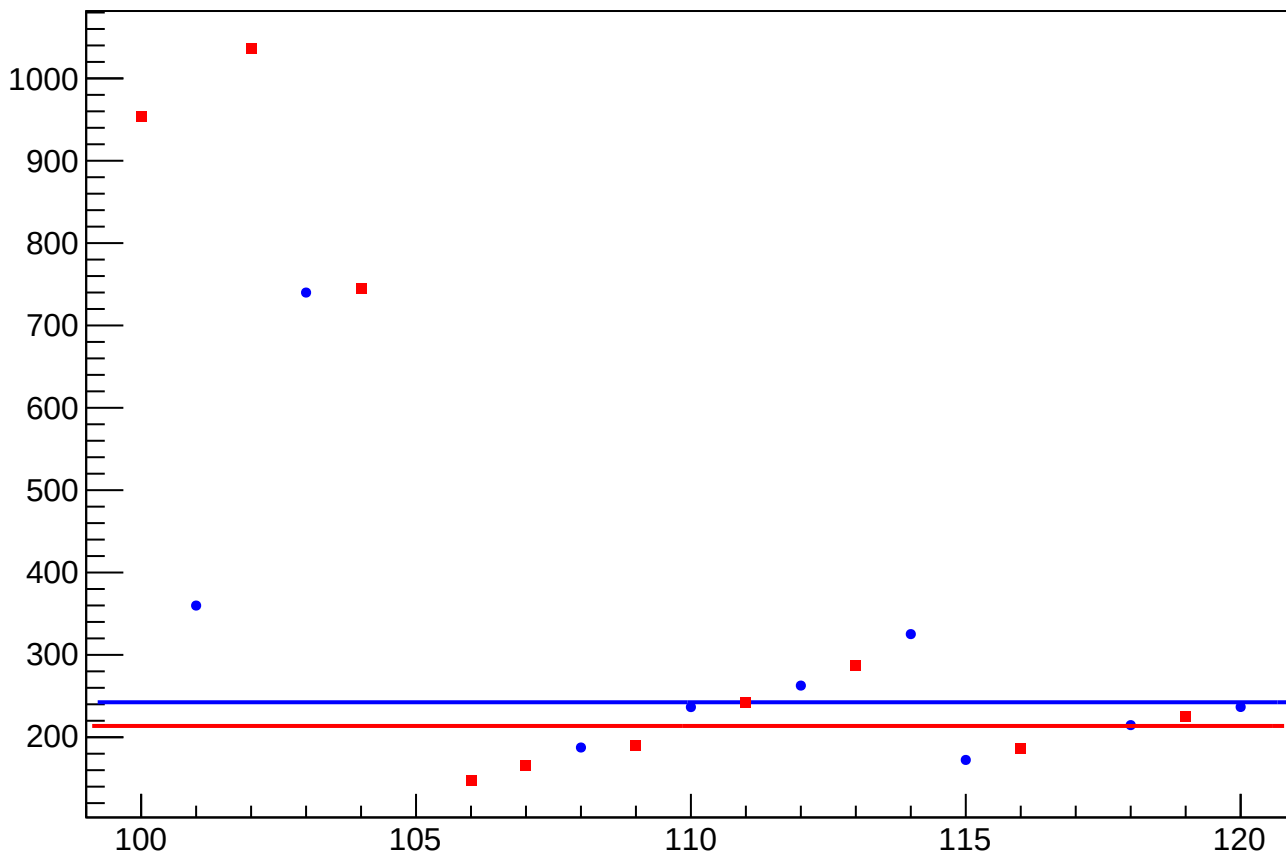
Right: -0.022 ± 0.092 χ^2/NDF : 17.6/18

In: -0.034 ± 0.136 χ^2/NDF : 3.4/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.022 ± 0.092 χ^2/NDF : 17.6/18

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 242.469+/-0.096 χ^2/NDF : 816775.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 213.695+/-0.088 χ^2/NDF : 1274186.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

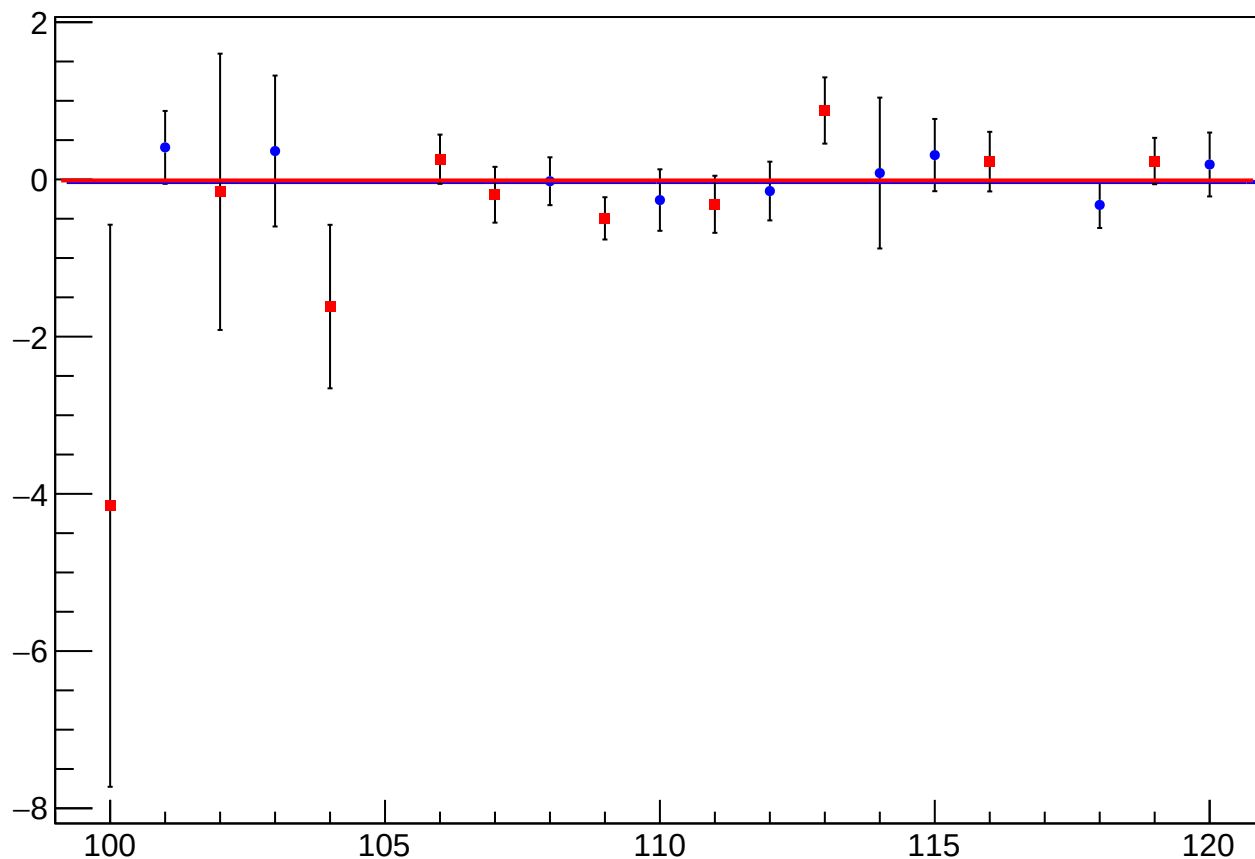
Right: 226.721+/-0.065 χ^2/NDF : 2139680.5/18

In: 242.469+/-0.096 χ^2/NDF : 816775.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 226.721+/-0.065 χ^2/NDF : 2139680.5/18

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.034+/-0.136 χ^2/NDF : 3.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.013+/-0.124 χ^2/NDF : 14.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

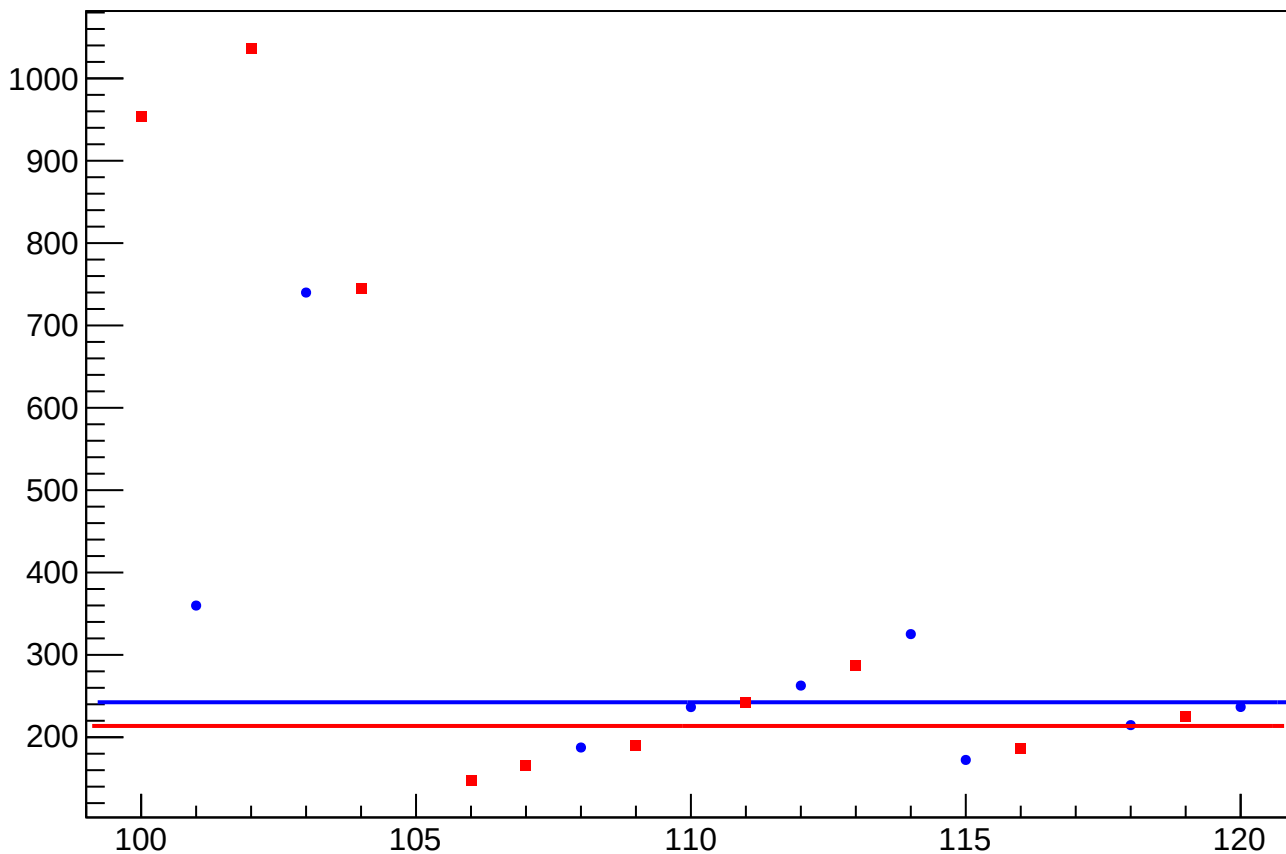
Right: -0.022+/-0.092 χ^2/NDF : 17.6/18

In: -0.034+/-0.136 χ^2/NDF : 3.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.022+/-0.092 χ^2/NDF : 17.6/18

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 242.469+/-0.096 χ^2/NDF : 816775.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 213.695+/-0.088 χ^2/NDF : 1274186.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

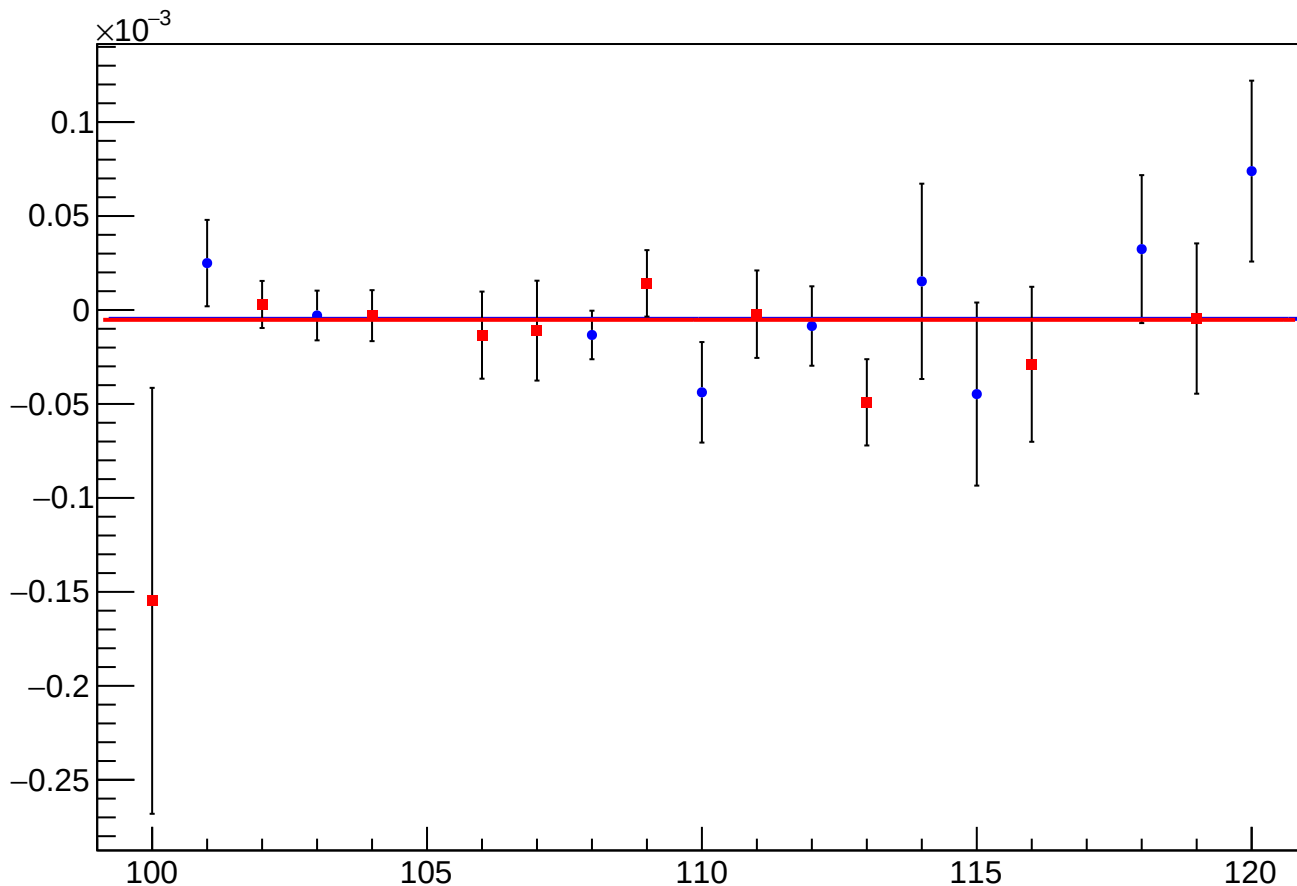
Right: 226.721+/-0.065 χ^2/NDF : 2139680.5/18

In: 242.469+/-0.096 χ^2/NDF : 816775.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 226.721+/-0.065 χ^2/NDF : 2139680.5/18

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 : 8.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

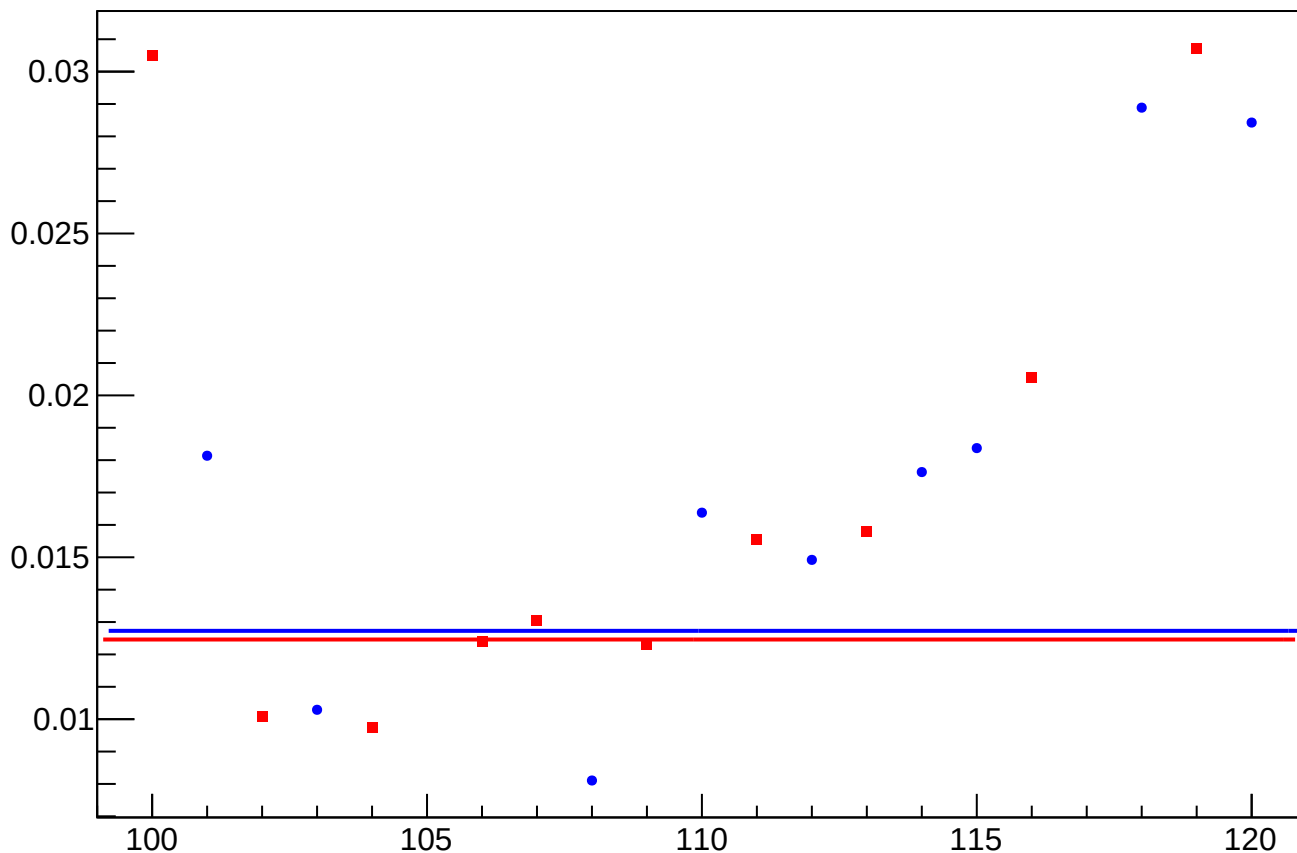
Right: -0.000+/-0.000 χ^2/NDF : 16.2/18

In: -0.000+/-0.000 χ^2/NDF : 8.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.2/18

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 1088022.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 774101.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

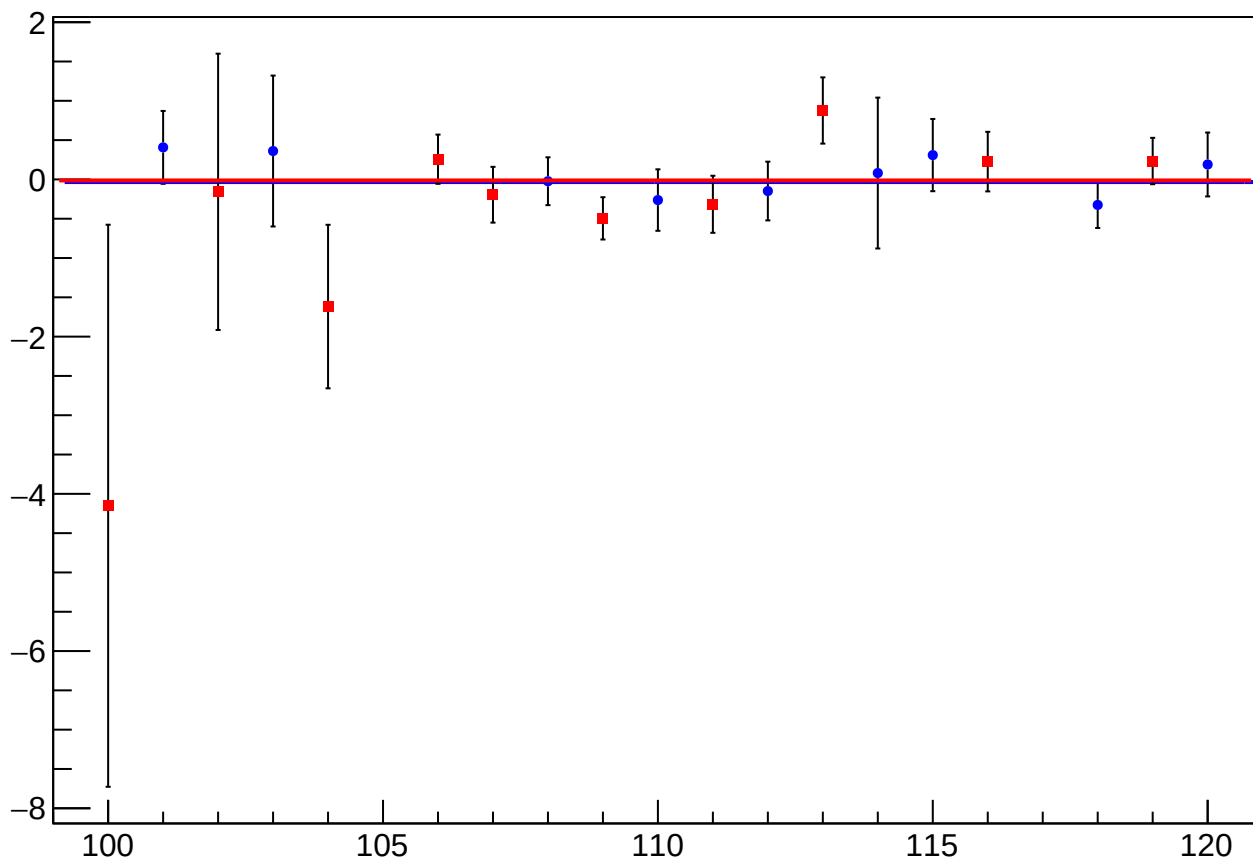
Right: 0.013+/-0.000 χ^2/NDF : 1863627.7/18

In: 0.013+/-0.000 χ^2/NDF : 1088022.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 1863627.7/18

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.034+/-0.136 χ^2/NDF : 3.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.013+/-0.124 χ^2/NDF : 14.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

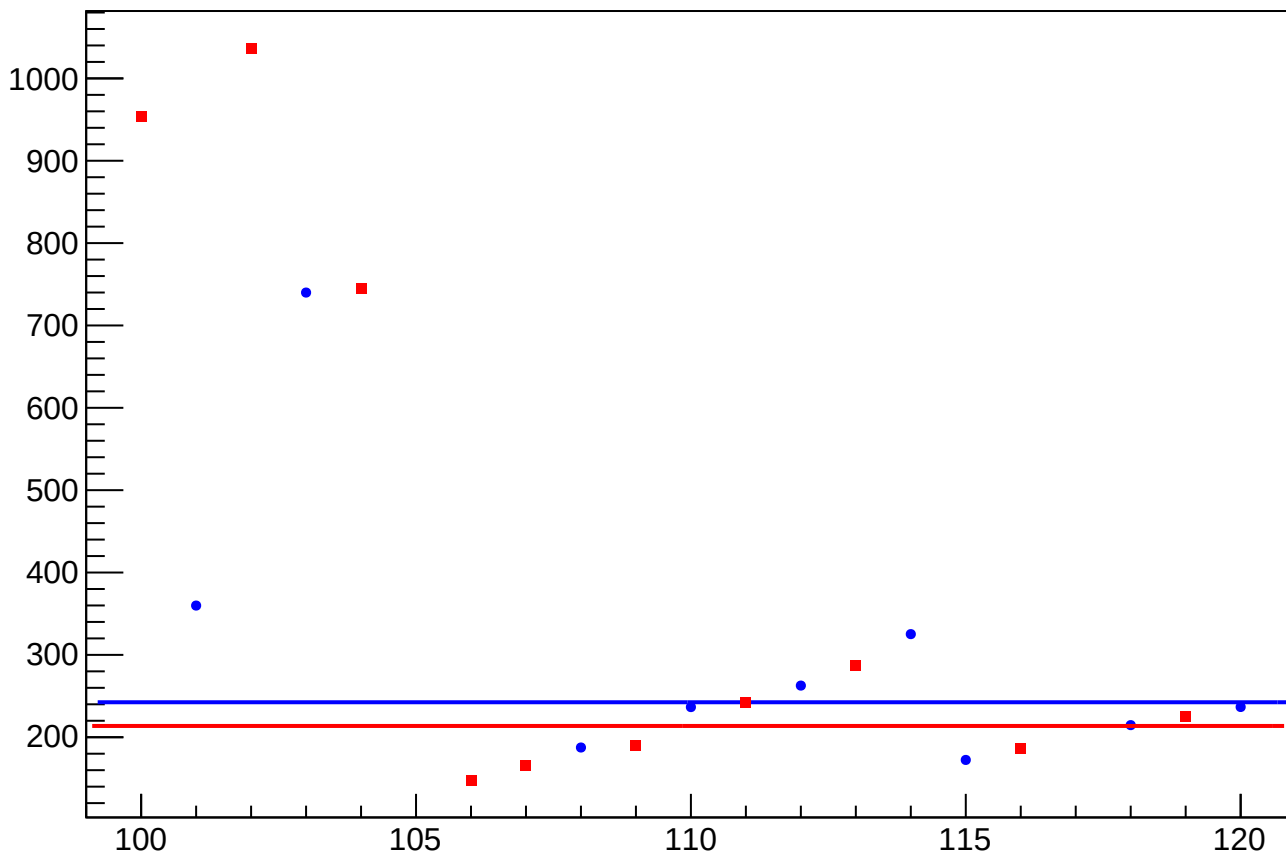
Right: -0.022+/-0.092 χ^2/NDF : 17.6/18

In: -0.034+/-0.136 χ^2/NDF : 3.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.022+/-0.092 χ^2/NDF : 17.6/18

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 242.470+/-0.096 χ^2/NDF : 816758.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 213.697+/-0.088 χ^2/NDF : 1274186.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

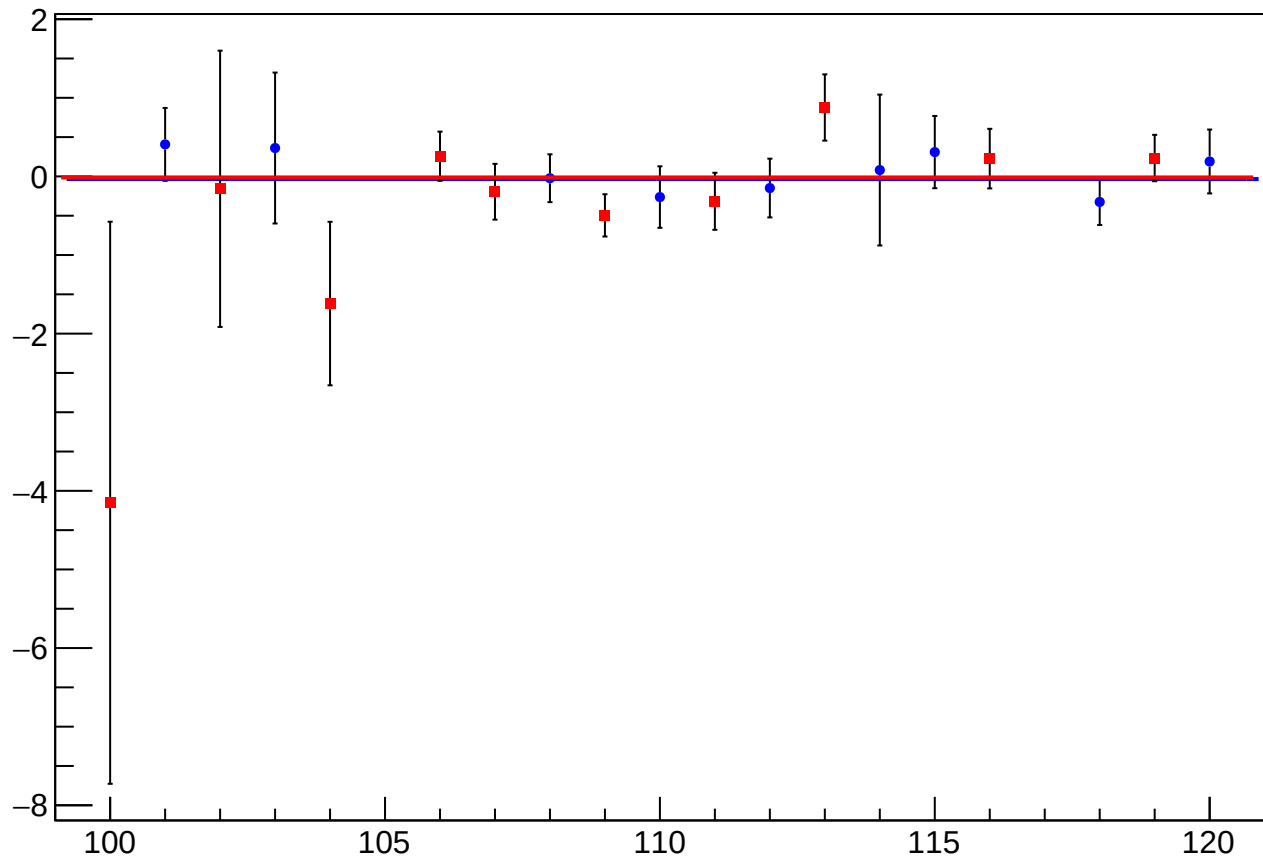
Right: 226.722+/-0.065 χ^2/NDF : 2139660.2/18

In: 242.470+/-0.096 χ^2/NDF : 816758.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 226.722+/-0.065 χ^2/NDF : 2139660.2/18

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.034 $\pm$ 0.136 χ^2 /NDF: 3.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.013 $\pm$ 0.124 χ^2 /NDF: 14.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

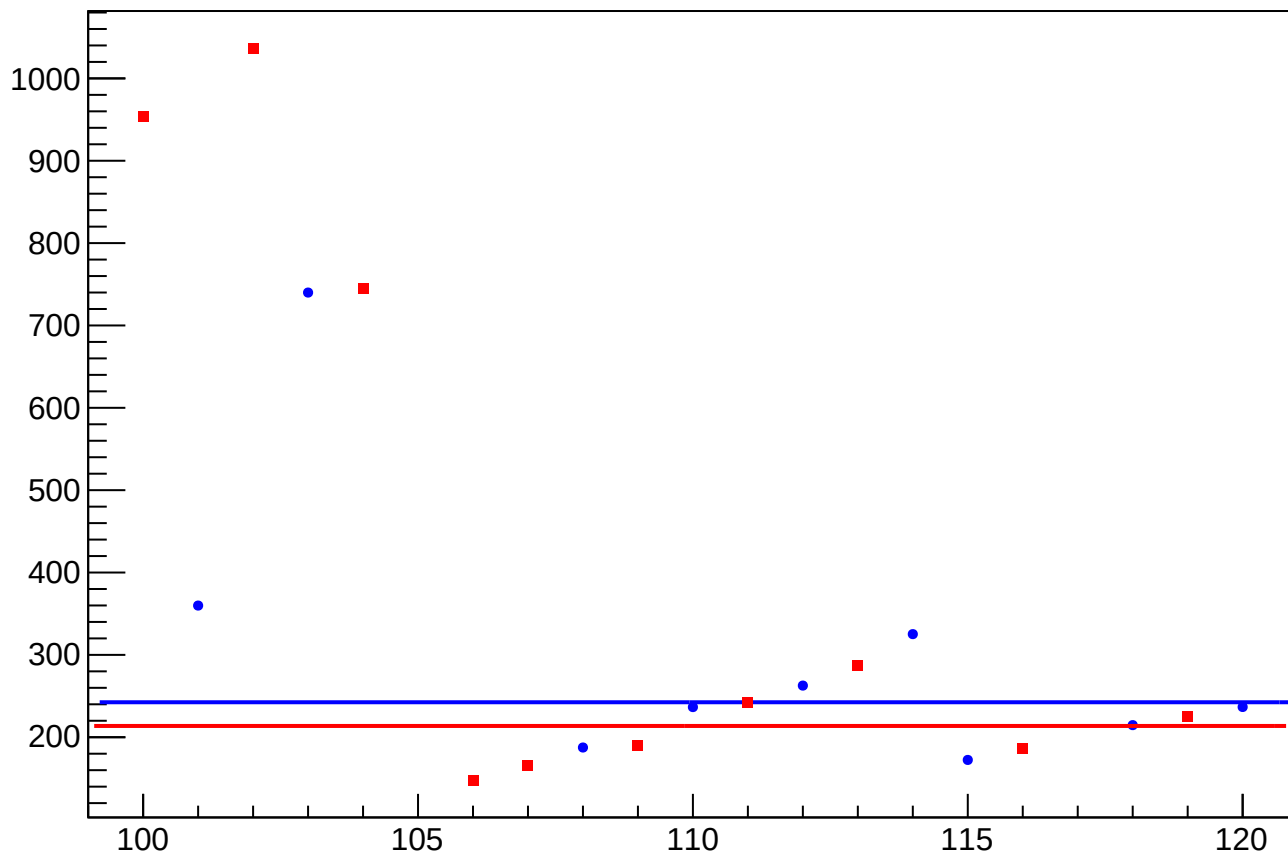
Right: -0.022 $\pm$ 0.092 χ^2 /NDF: 17.6/18

In: -0.034 $\pm$ 0.136 χ^2 /NDF:3.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.022 $\pm$ 0.092 χ^2 /NDF: 17.6/18

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 242.470+/-0.096 χ^2/NDF : 816758.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 213.697+/-0.088 χ^2/NDF : 1274186.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

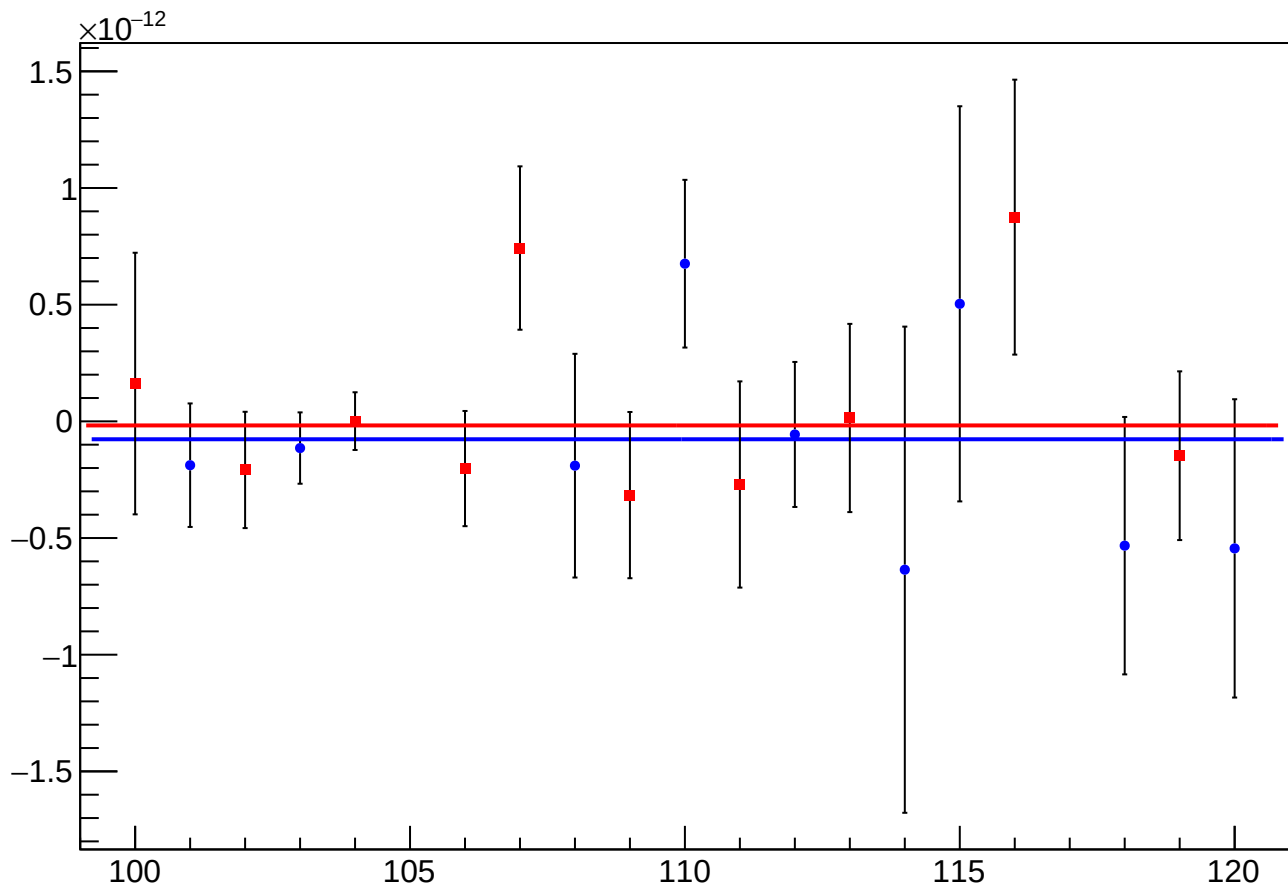
Right: 226.722+/-0.065 χ^2/NDF : 2139660.2/18

In: 242.470+/-0.096 χ^2/NDF : 816758.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 226.722+/-0.065 χ^2/NDF : 2139660.2/18

asym_us_avg_at2lr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

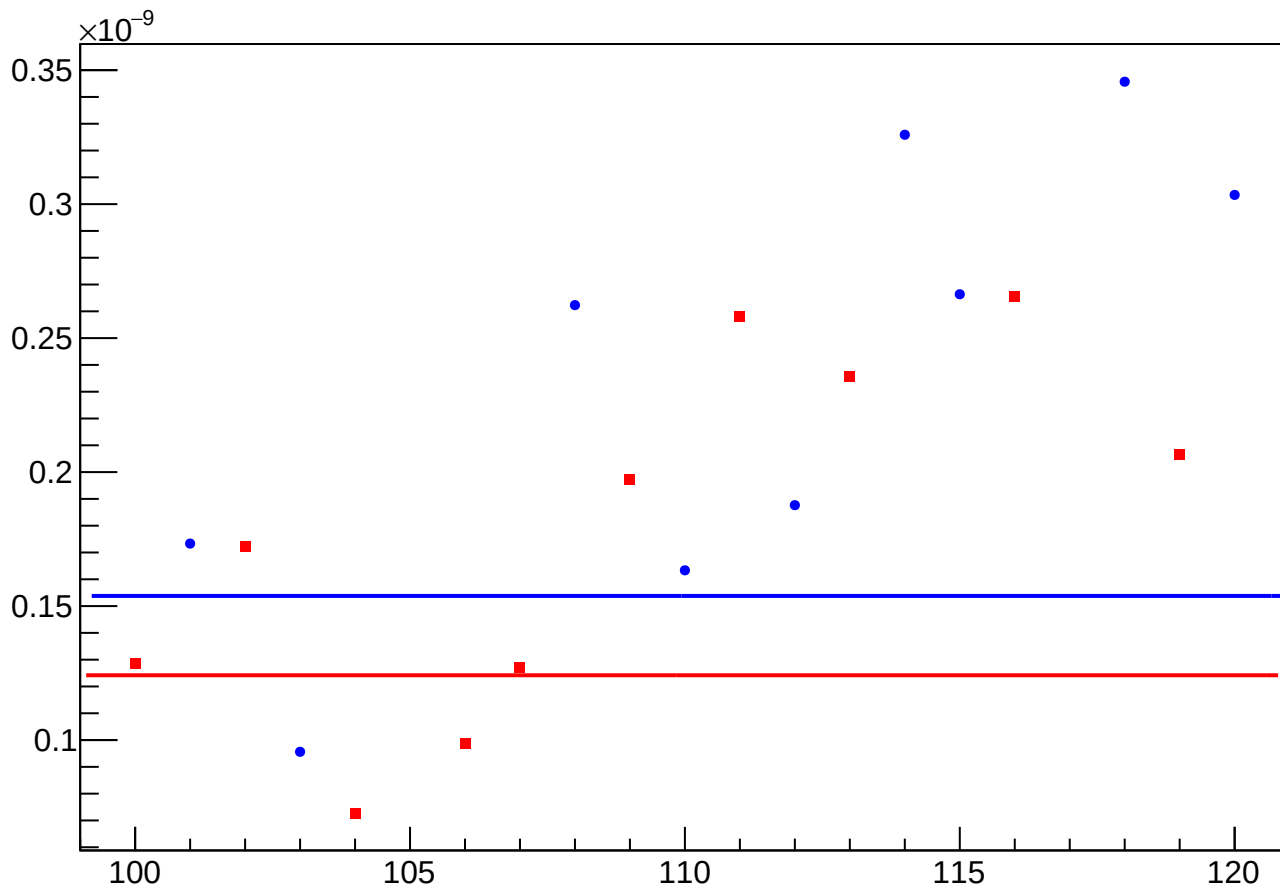
Right: -0.000+/-0.000 χ^2/NDF : 16.3/18

In: -0.000+/-0.000 χ^2/NDF : 6.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.3/18

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 : 869739.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1083711.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

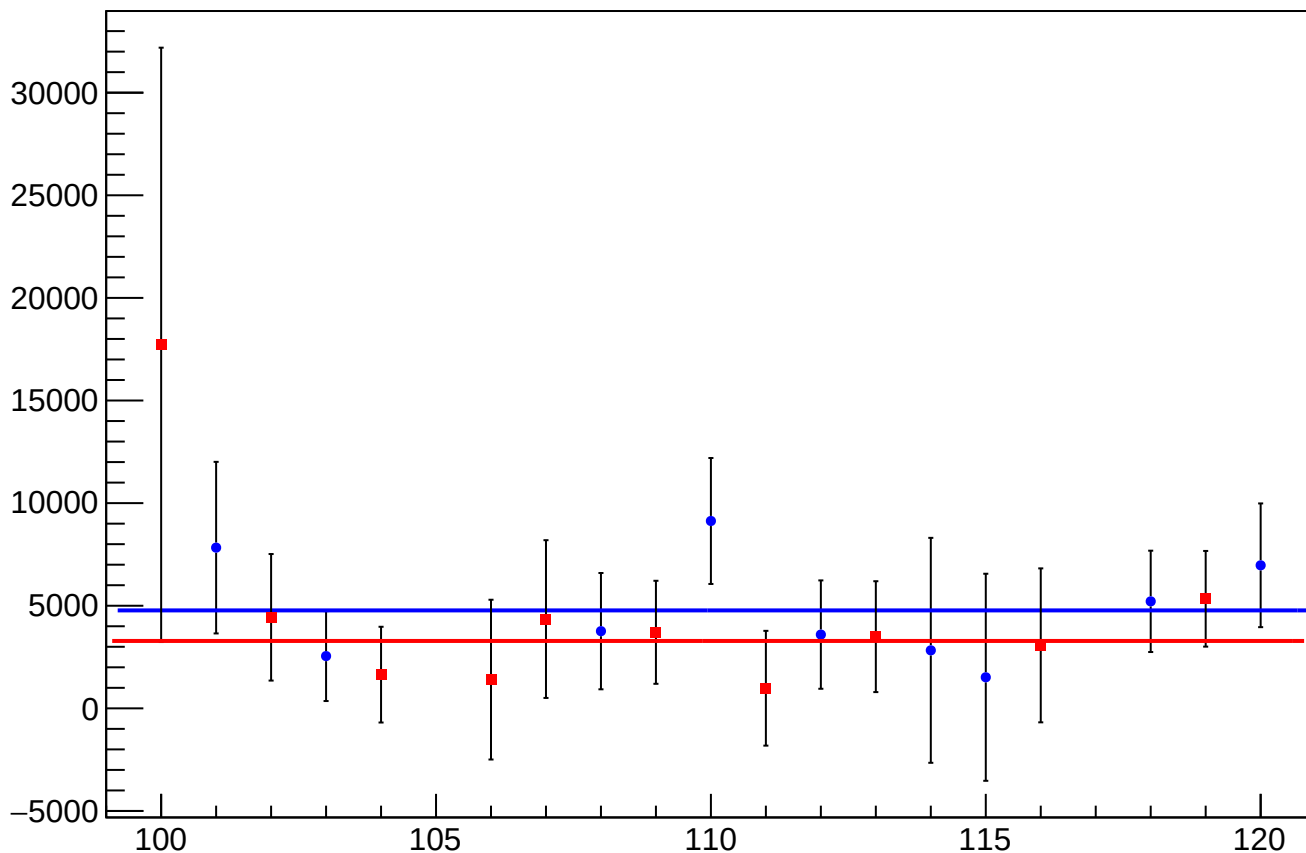
Right: 0.000+/-0.000 χ^2/NDF : 2047586.5/18

In: 0.000+/-0.000 χ^2/NDF :869739.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2047586.5/18

reg_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4772.839+/-1006.802 χ^2/NDF : 5.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3284.149+/-950.815 χ^2/NDF : 3.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

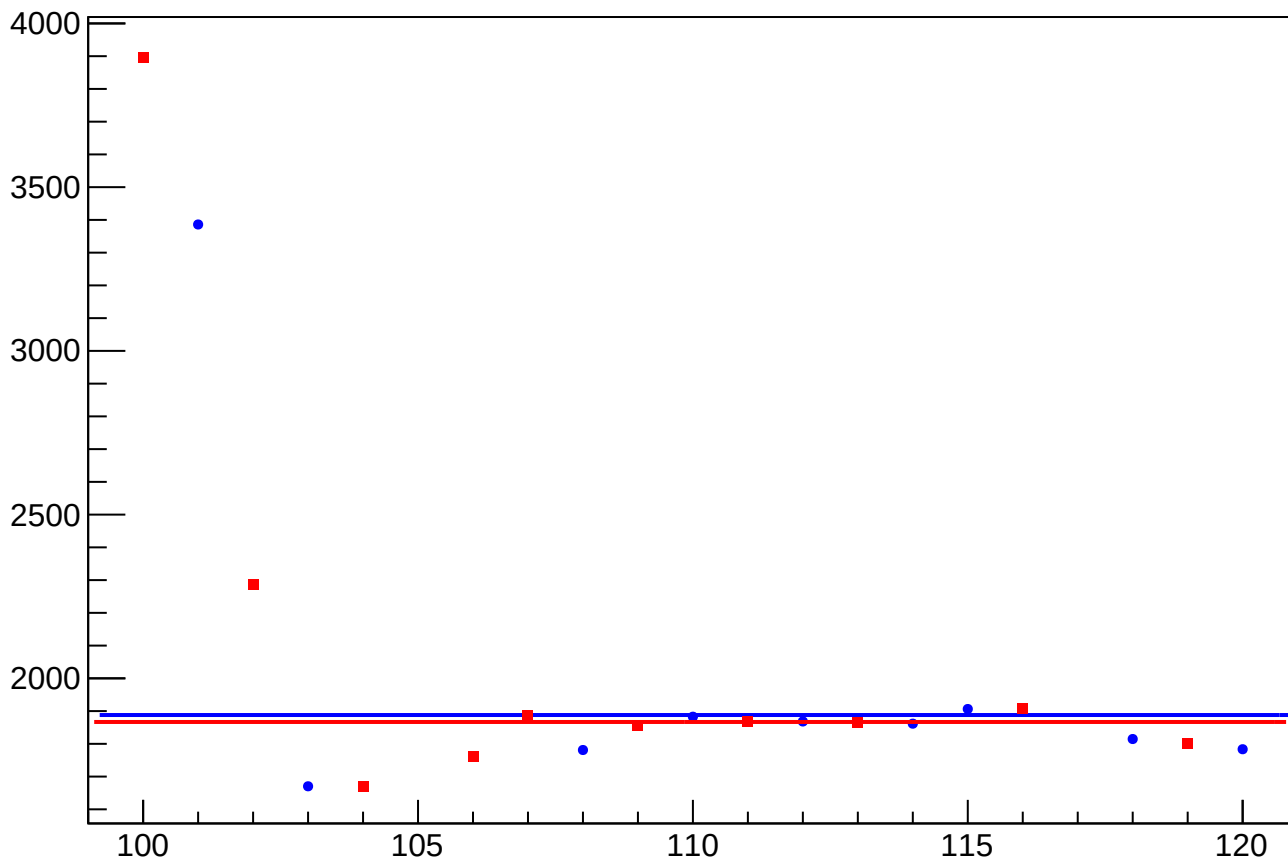
Right: 3985.953+/-691.273 χ^2/NDF : 9.6/18

In: 4772.839+/-1006.802 χ^2/NDF : 5.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3985.953+/-691.273 χ^2/NDF : 9.6/18

reg_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1887.991+/-0.712 χ^2/NDF : 283787.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1866.763+/-0.669 χ^2/NDF : 94248.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

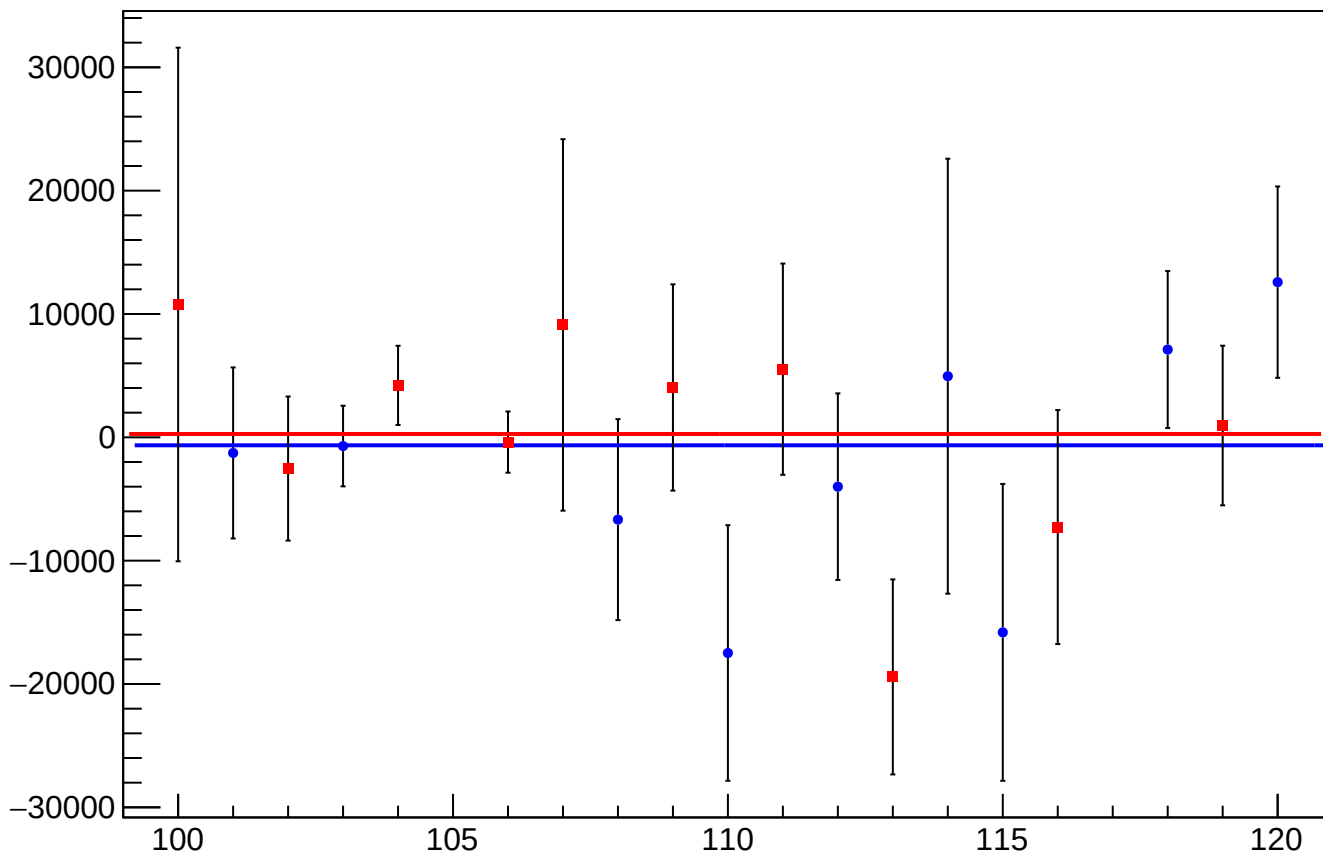
Right: 1876.711+/-0.487 χ^2/NDF : 378508.1/18

In: 1887.991+/-0.712 χ^2/NDF : 283787.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1876.711+/-0.487 χ^2/NDF : 378508.1/18

asym_us_avg_atlr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -646.065+/-2193.967 χ^2/NDF : 9.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 271.427+/-1634.210 χ^2/NDF : 9.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

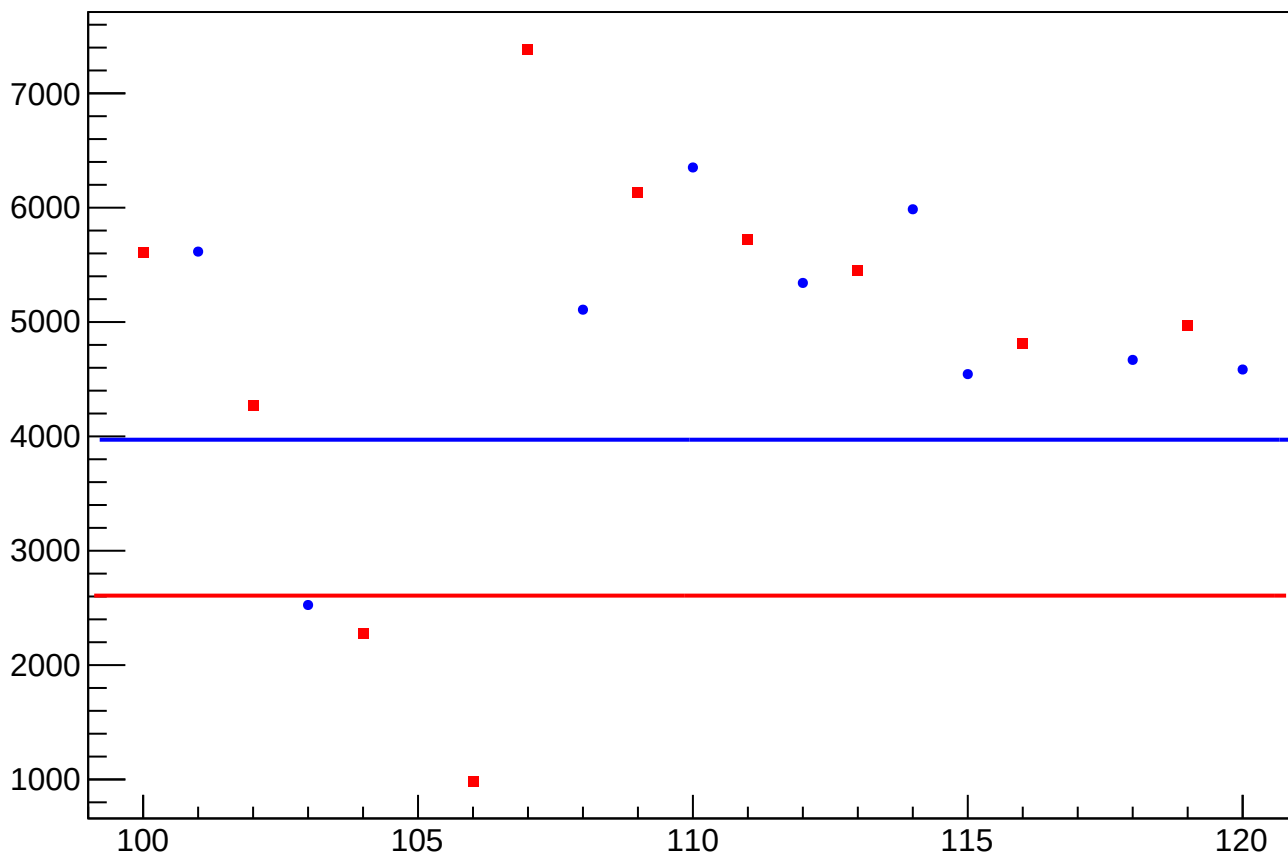
Right: -55.971+/-1310.591 χ^2/NDF : 19.4/18

In: -646.065+/-2193.967 χ^2/NDF : 9.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.971+/-1310.591 χ^2/NDF : 19.4/18

asym_us_avg_atlr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3970.989+/-1.551 χ^2/NDF : 781376.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2607.631+/-1.156 χ^2/NDF : 2537289.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

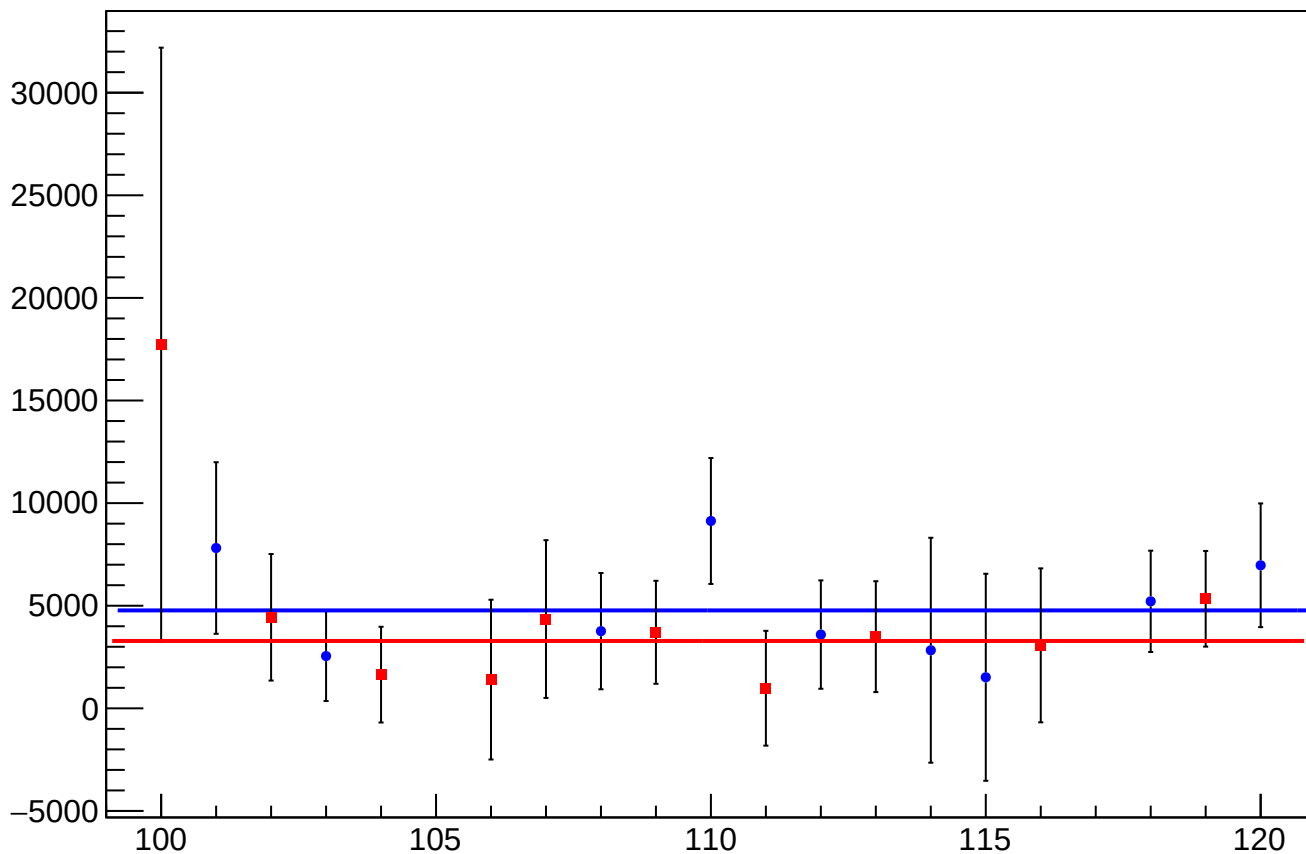
Right: 3094.132+/-0.927 χ^2/NDF : 3815381.7/18

In: 3970.989+/-1.551 χ^2/NDF : 781376.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3094.132+/-0.927 χ^2/NDF : 3815381.7/18

cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4772.010+/-1006.802 χ^2/NDF : 5.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3283.802+/-950.816 χ^2/NDF : 3.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

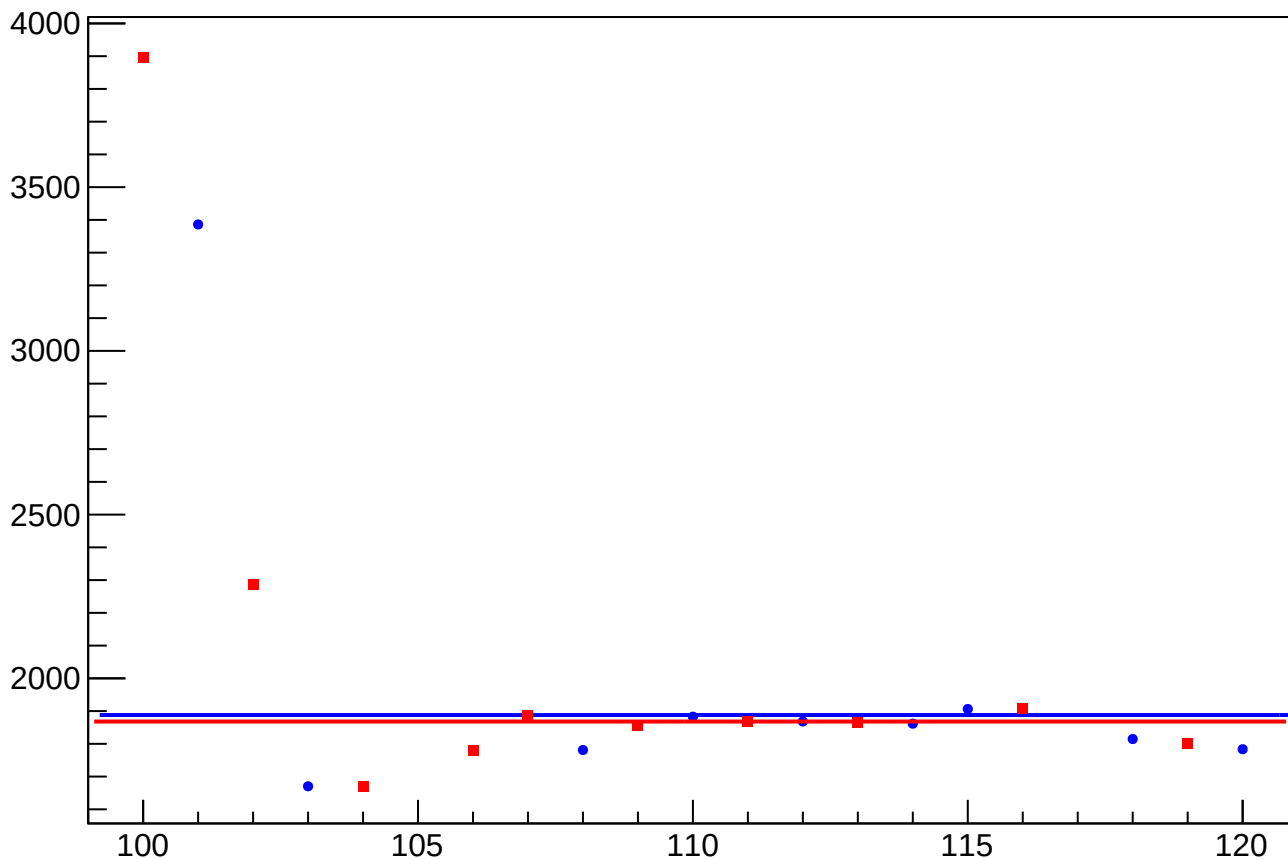
Right: 3985.379+/-691.274 χ^2/NDF : 9.6/18

In: 4772.010+/-1006.802 χ^2/NDF : 5.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3985.379+/-691.274 χ^2/NDF : 9.6/18

cor_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1887.991+/-0.712 χ^2/NDF : 283789.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1868.092+/-0.669 χ^2/NDF : 93697.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

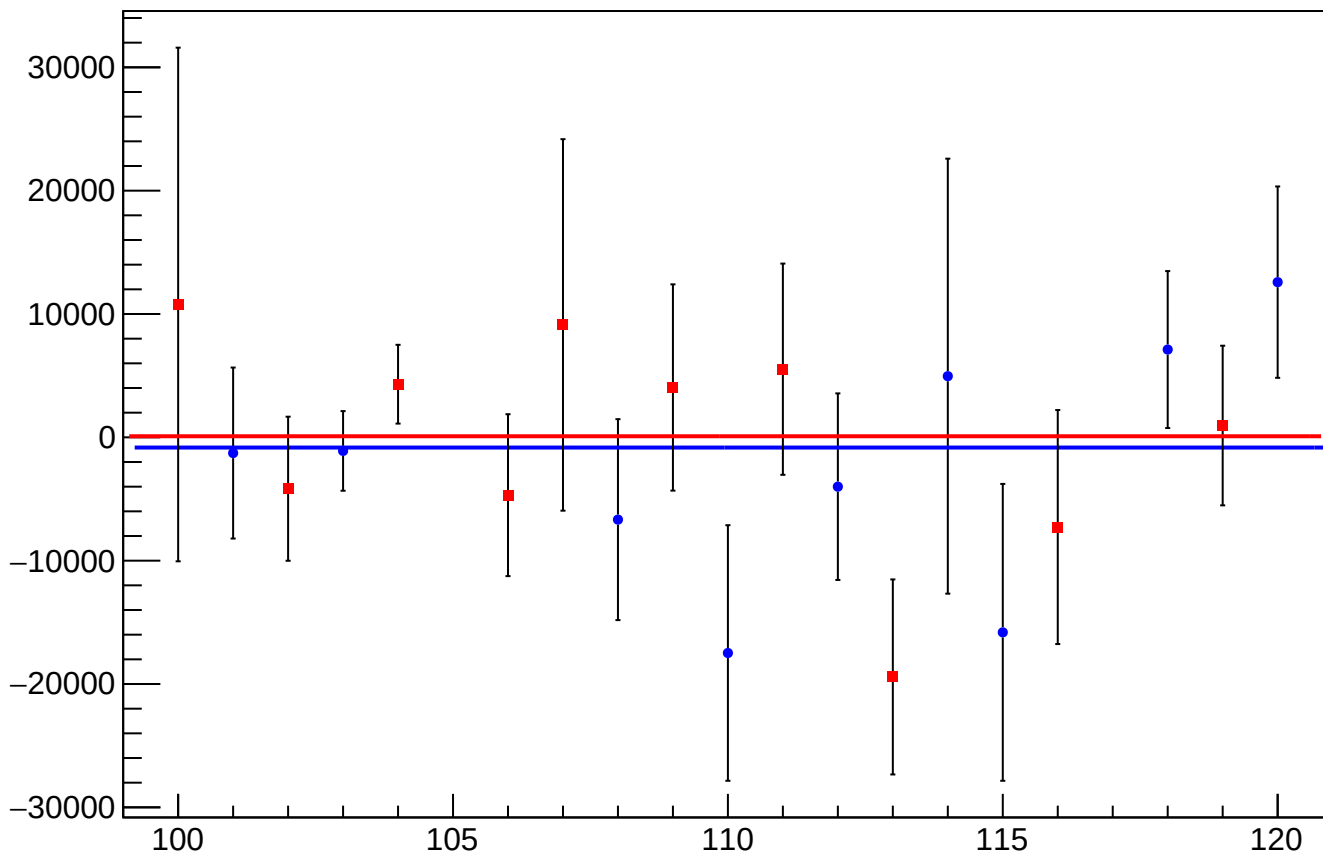
Right: 1877.423+/-0.487 χ^2/NDF : 377901.9/18

In: 1887.991+/-0.712 χ^2/NDF : 283789.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1877.423+/-0.487 χ^2/NDF : 377901.9/18

asym_us_avg_atlr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -827.693+/-2181.877 χ^2/NDF : 9.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.208+/-2057.508 χ^2/NDF : 10.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

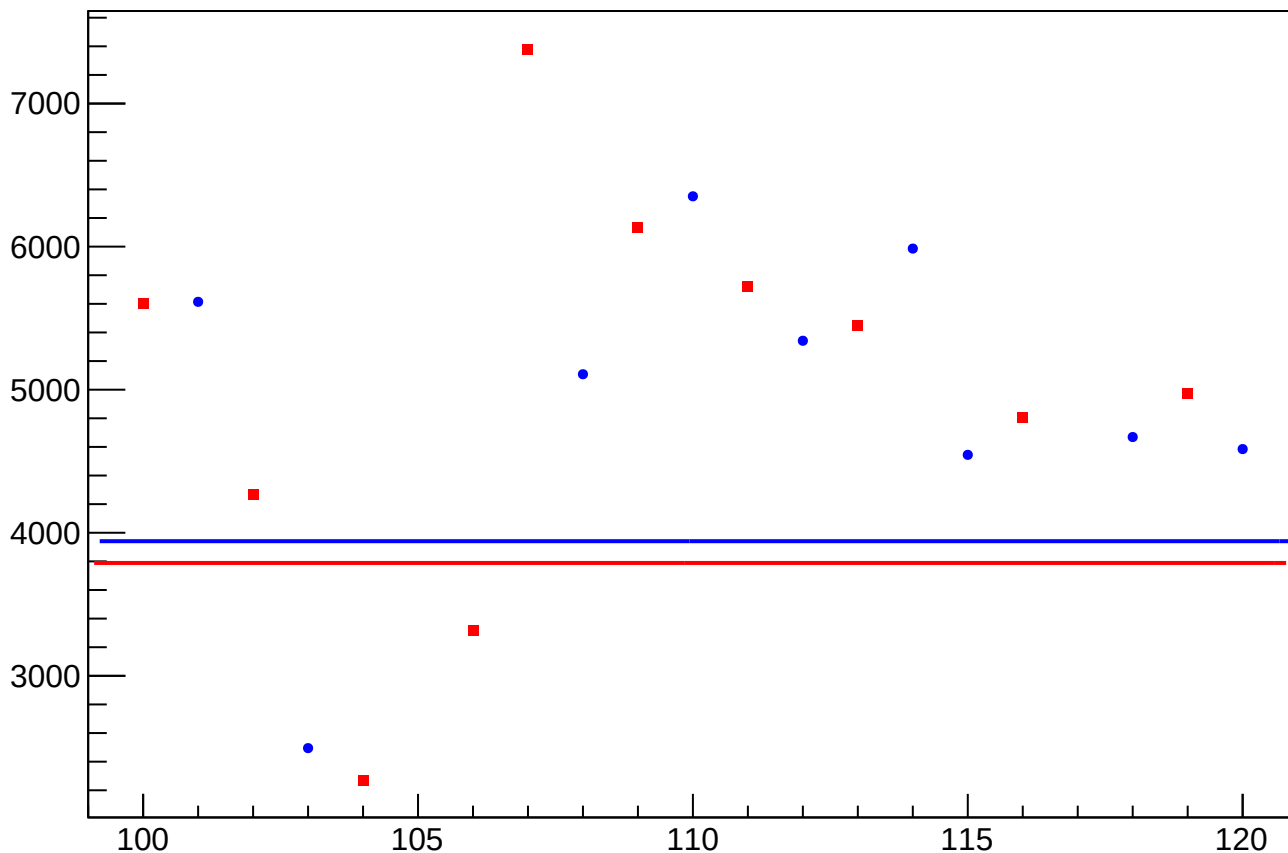
Right: -342.896+/-1496.915 χ^2/NDF : 20.4/18

In: -827.693+/-2181.877 χ^2/NDF : 9.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -342.896+/-1496.915 χ^2/NDF : 20.4/18

asym_us_avg_atlr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3941.006+/-1.543 χ^2/NDF : 807734.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3788.911+/-1.455 χ^2/NDF : 1042924.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

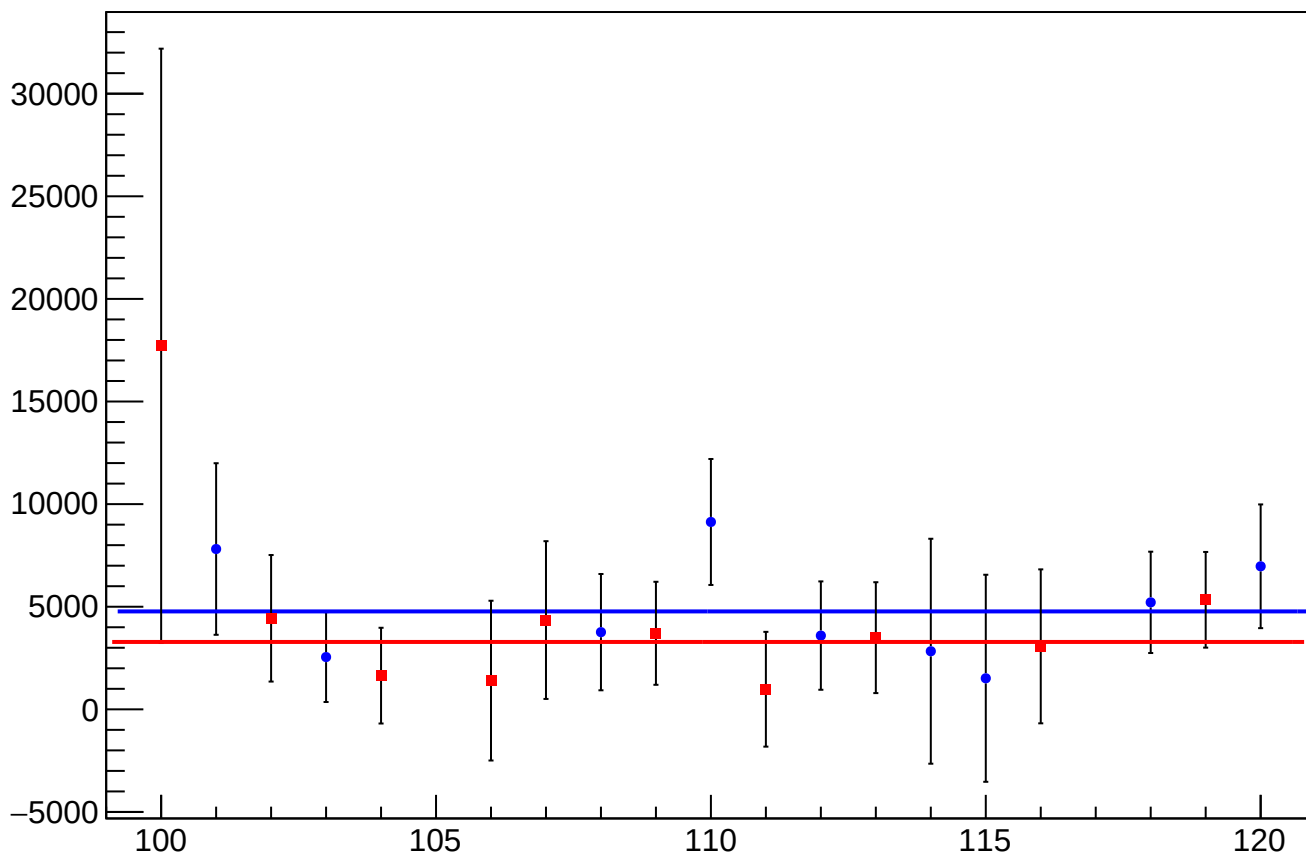
Right: 3860.500+/-1.058 χ^2/NDF : 1855803.0/18

In: 3941.006+/-1.543 χ^2/NDF : 807734.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3860.500+/-1.058 χ^2/NDF : 1855803.0/18

eigen_cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4772.010+/-1006.802 χ^2/NDF : 5.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3283.802+/-950.816 χ^2/NDF : 3.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

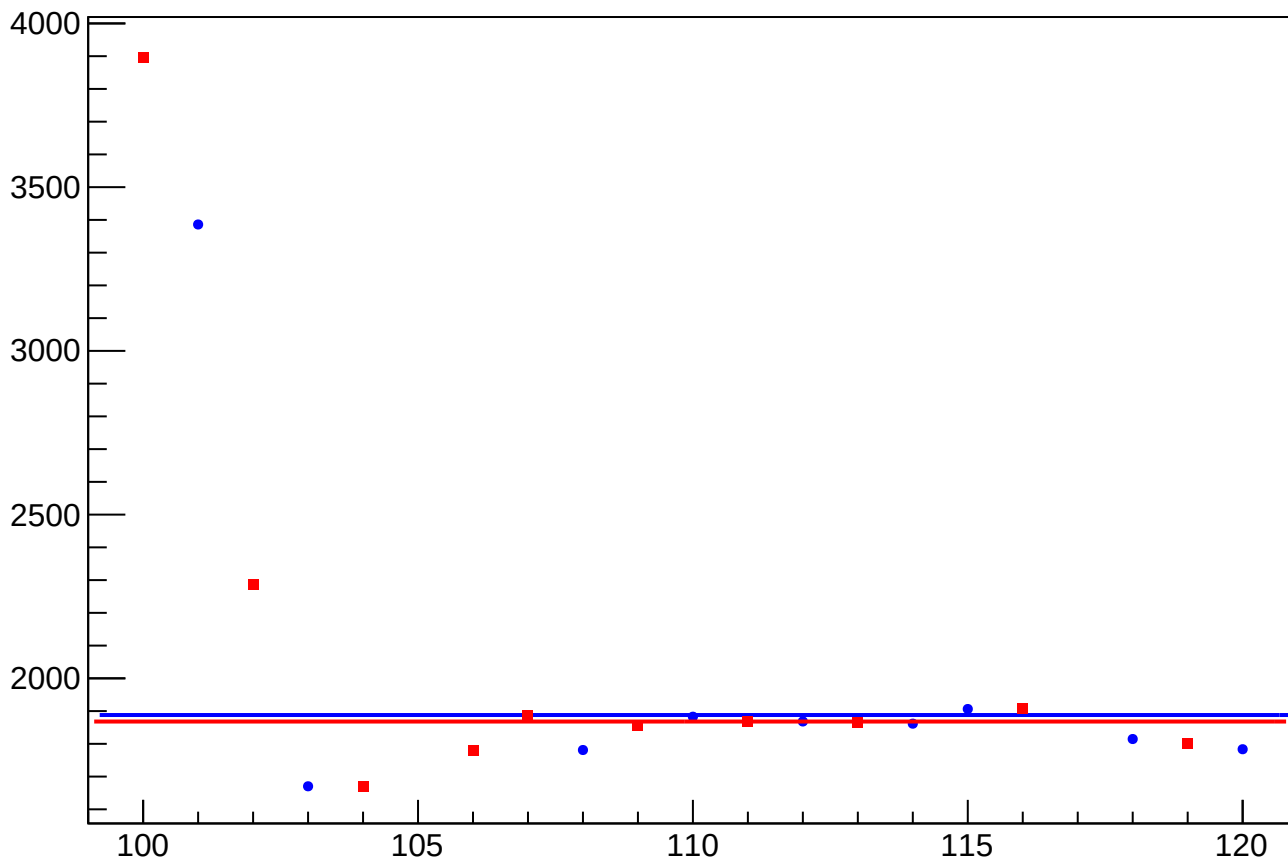
Right: 3985.379+/-691.274 χ^2/NDF : 9.6/18

In: 4772.010+/-1006.802 χ^2/NDF : 5.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3985.379+/-691.274 χ^2/NDF : 9.6/18

eigen_cor_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1887.991+/-0.712 χ^2/NDF : 283789.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1868.092+/-0.669 χ^2/NDF : 93697.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

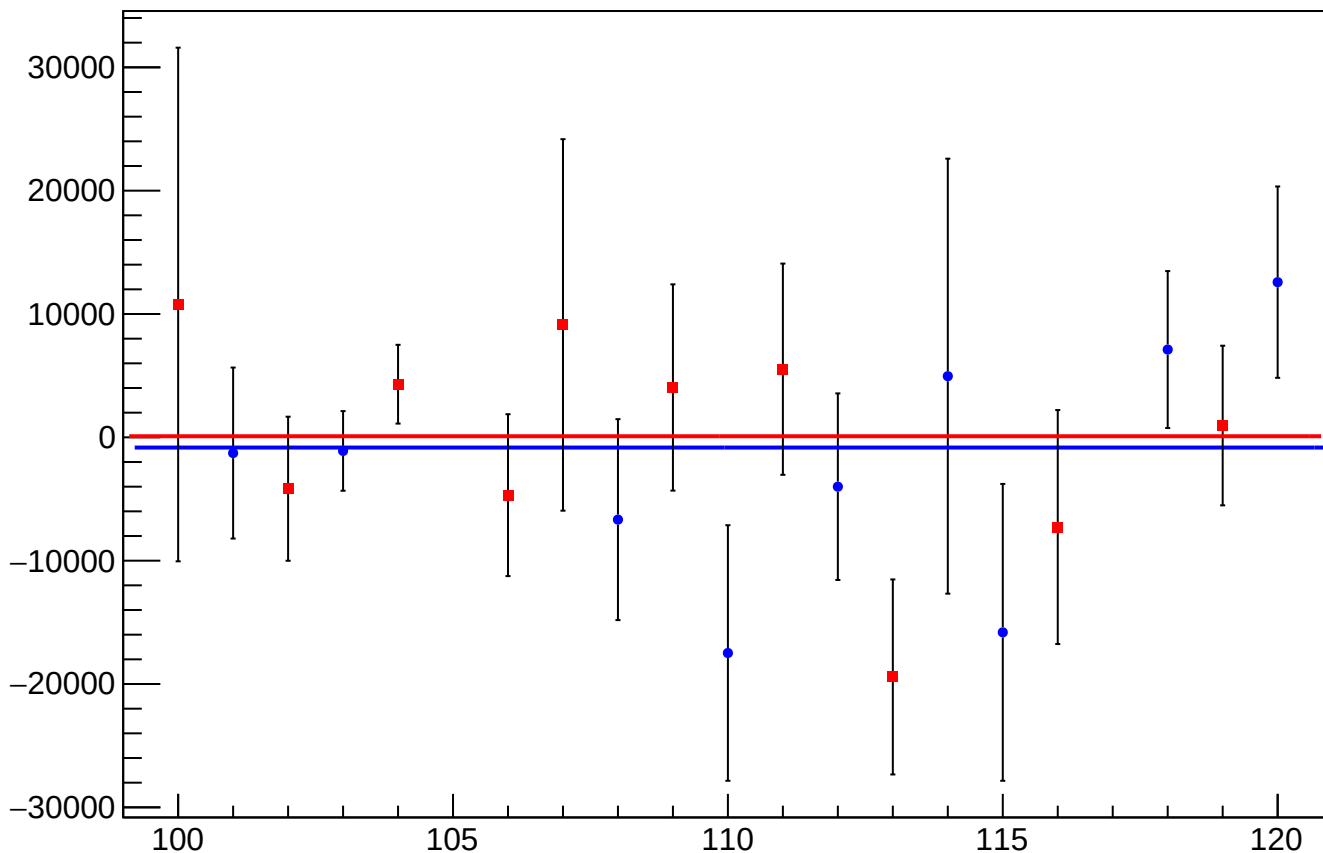
Right: 1877.423+/-0.487 χ^2/NDF : 377901.9/18

In: 1887.991+/-0.712 χ^2/NDF : 283789.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1877.423+/-0.487 χ^2/NDF : 377901.9/18

asym_us_avg_atlr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -827.693+/-2181.877 χ^2/NDF : 9.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 88.208+/-2057.508 χ^2/NDF : 10.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

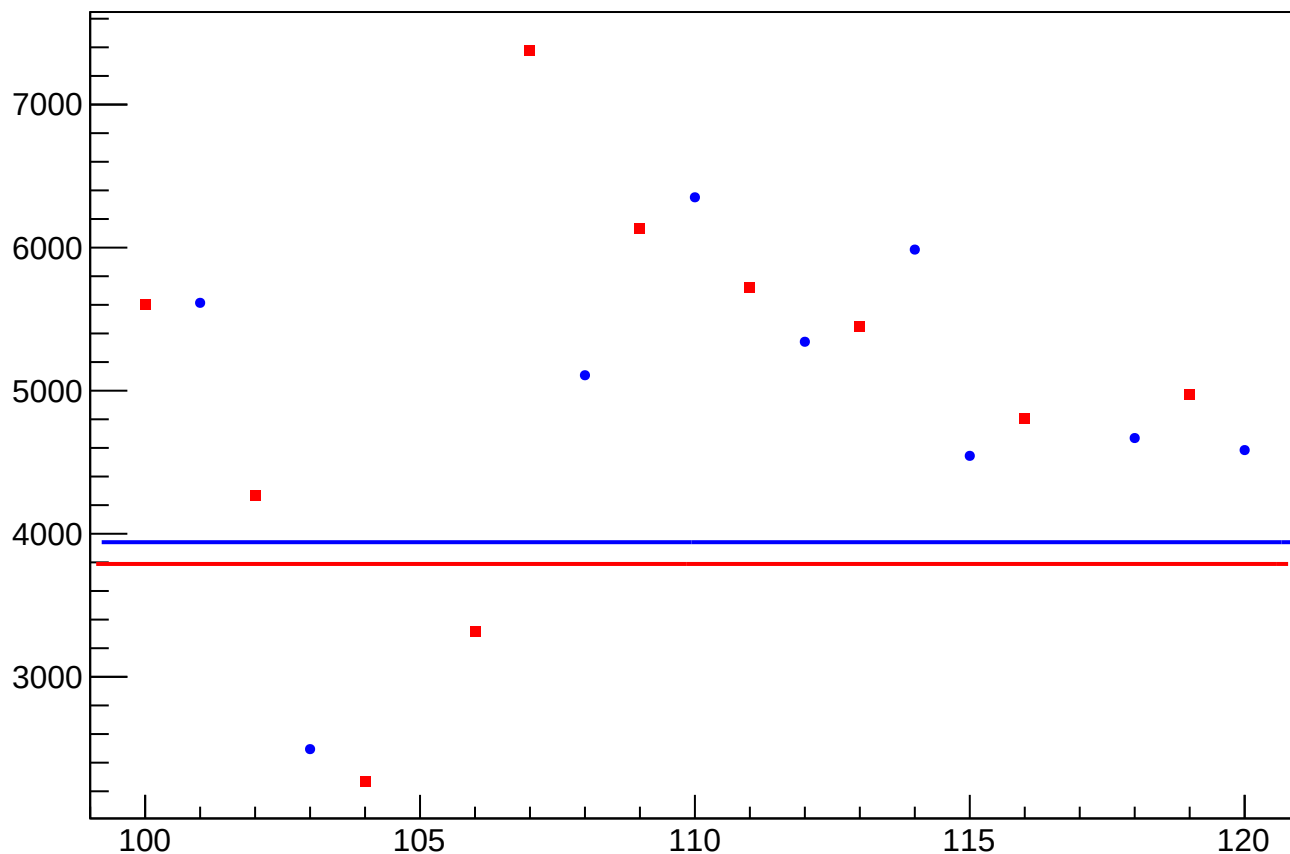
Right: -342.896+/-1496.915 χ^2/NDF : 20.4/18

In: -827.693+/-2181.877 χ^2/NDF :9.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -342.896+/-1496.915 χ^2/NDF : 20.4/18

asym_us_avg_atlr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3941.006+/-1.543 χ^2/NDF : 807734.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3788.911+/-1.455 χ^2/NDF : 1042924.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

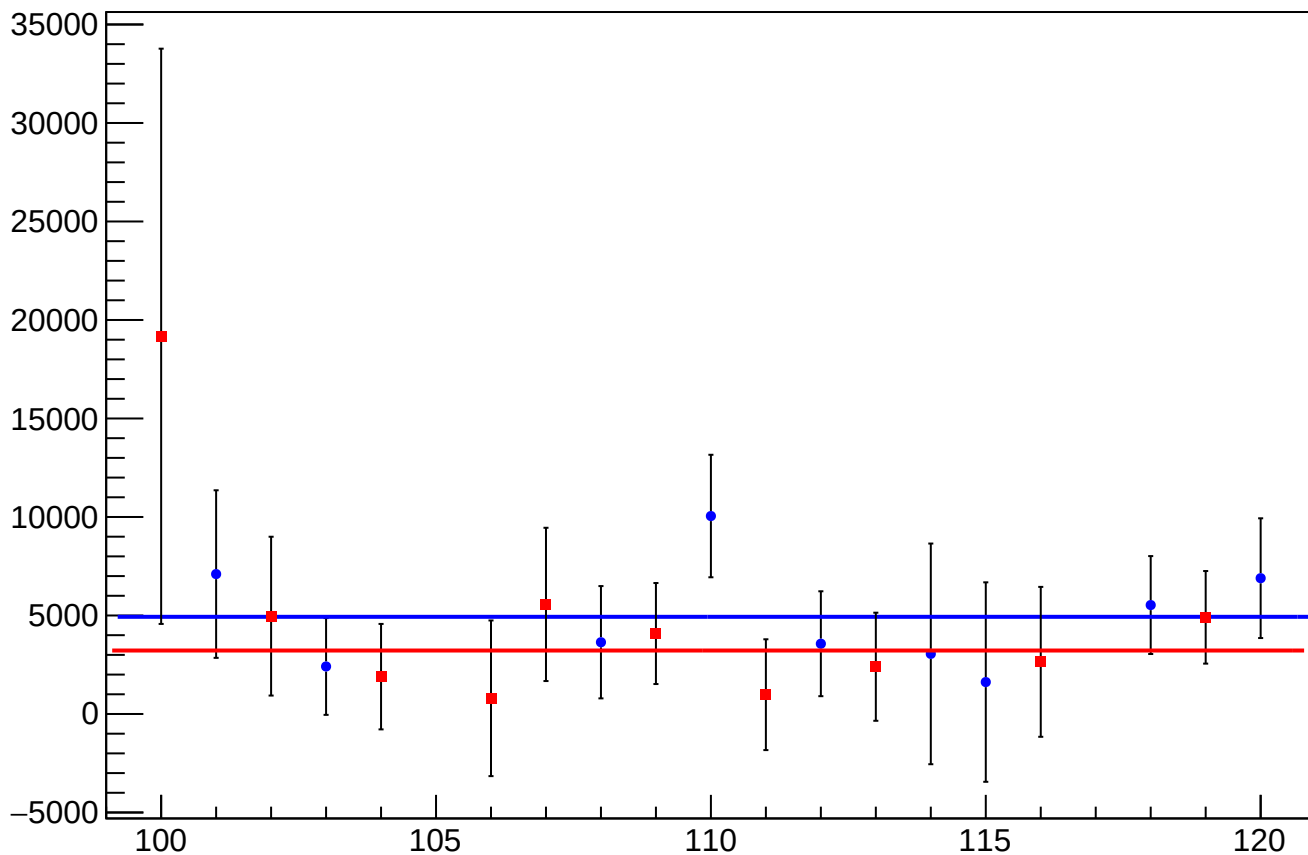
Right: 3860.500+/-1.058 χ^2/NDF : 1855803.0/18

In: 3941.006+/-1.543 χ^2/NDF : 807734.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3860.500+/-1.058 χ^2/NDF : 1855803.0/18

dit_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4932.300+/-1037.129 χ^2/NDF : 5.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3221.604+/-1001.251 χ^2/NDF : 3.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

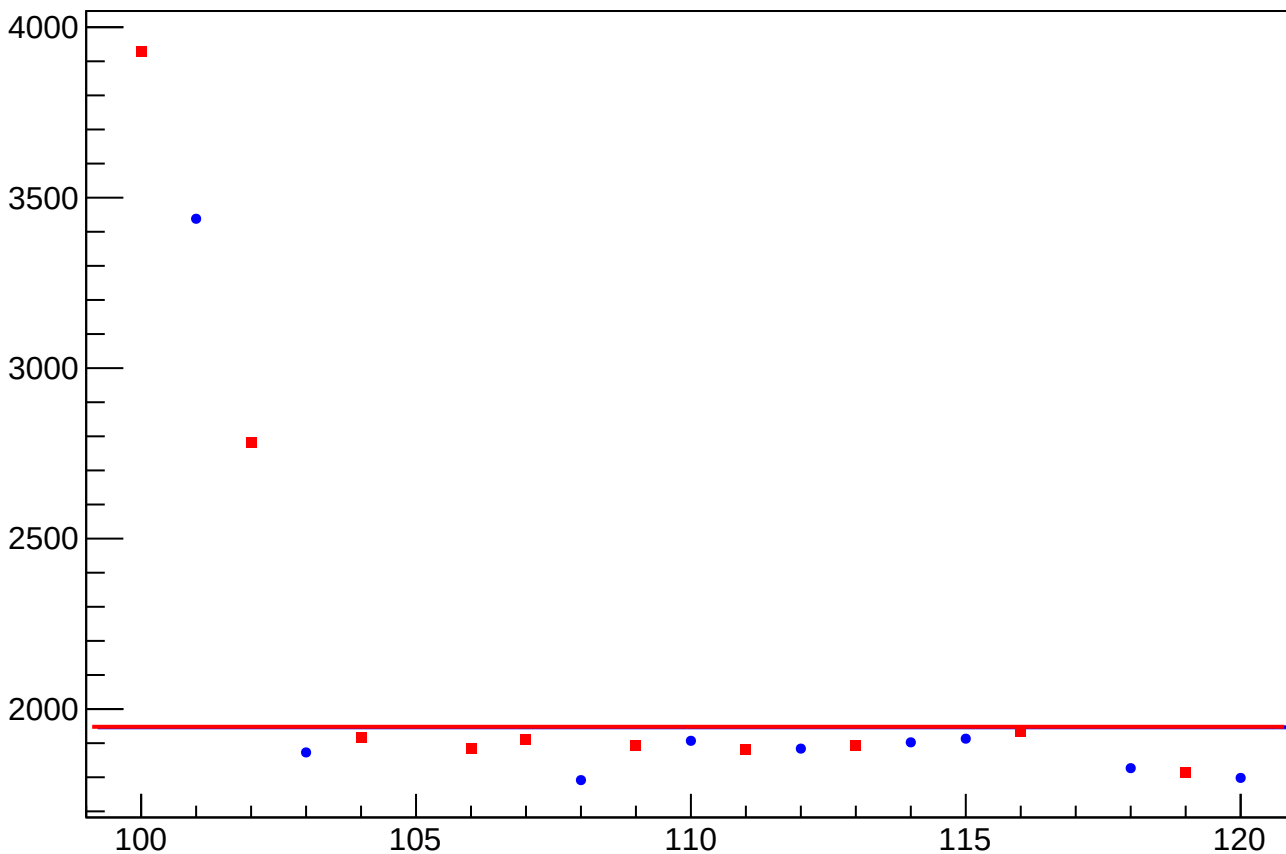
Right: 4046.851+/-720.341 χ^2/NDF : 10.7/18

In: 4932.300+/-1037.129 χ^2/NDF : 5.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4046.851+/-720.341 χ^2/NDF : 10.7/18

dit_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1946.622+/-0.733 χ^2/NDF : 264740.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1948.046+/-0.707 χ^2/NDF : 132626.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

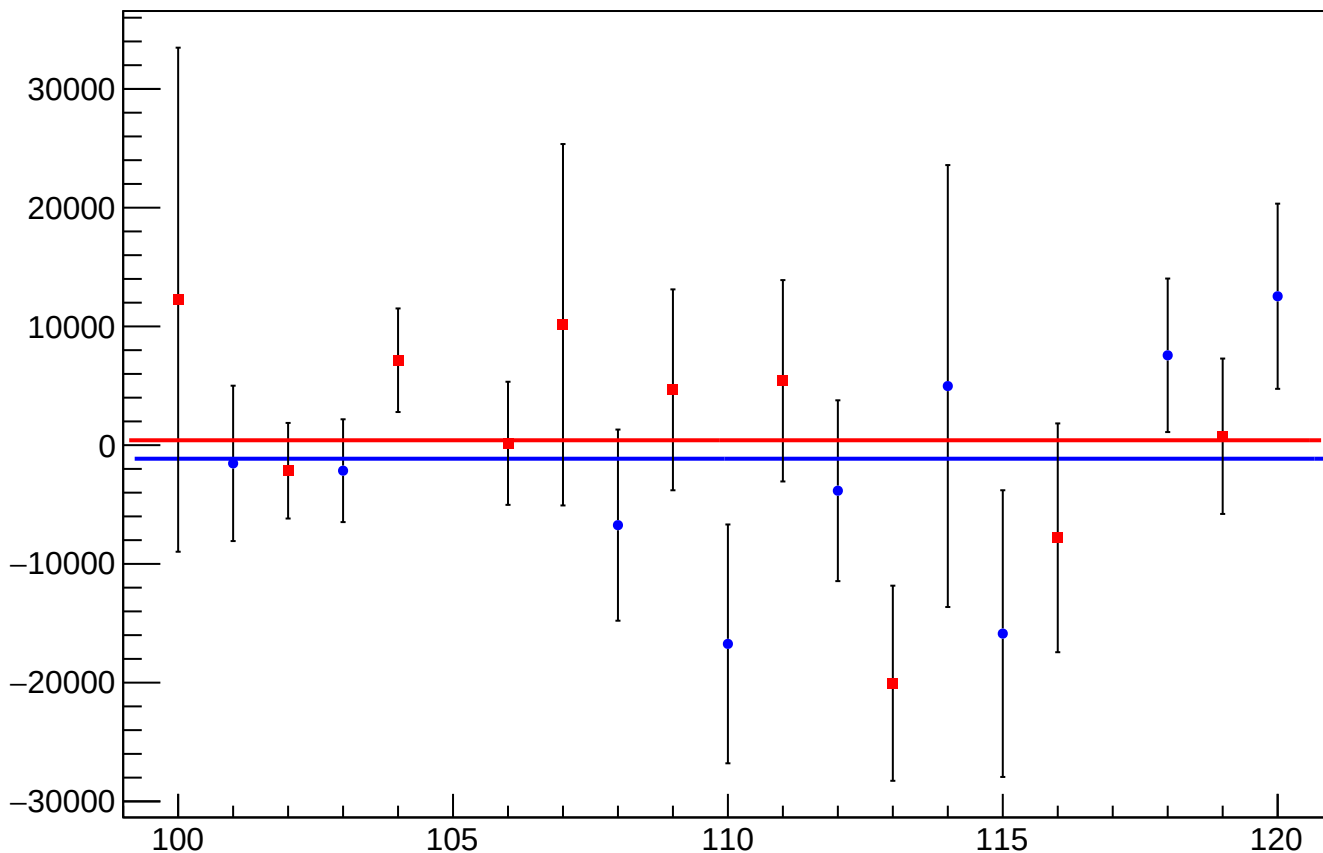
Right: 1947.361+/-0.509 χ^2/NDF : 397368.9/18

In: 1946.622+/-0.733 χ^2/NDF : 264740.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1947.361+/-0.509 χ^2/NDF : 397368.9/18

asym_us_avg_atlr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1141.616+/-2429.524 χ^2 /NDF: 9.6/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 412.058+/-2063.566 χ^2 /NDF: 11.0/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

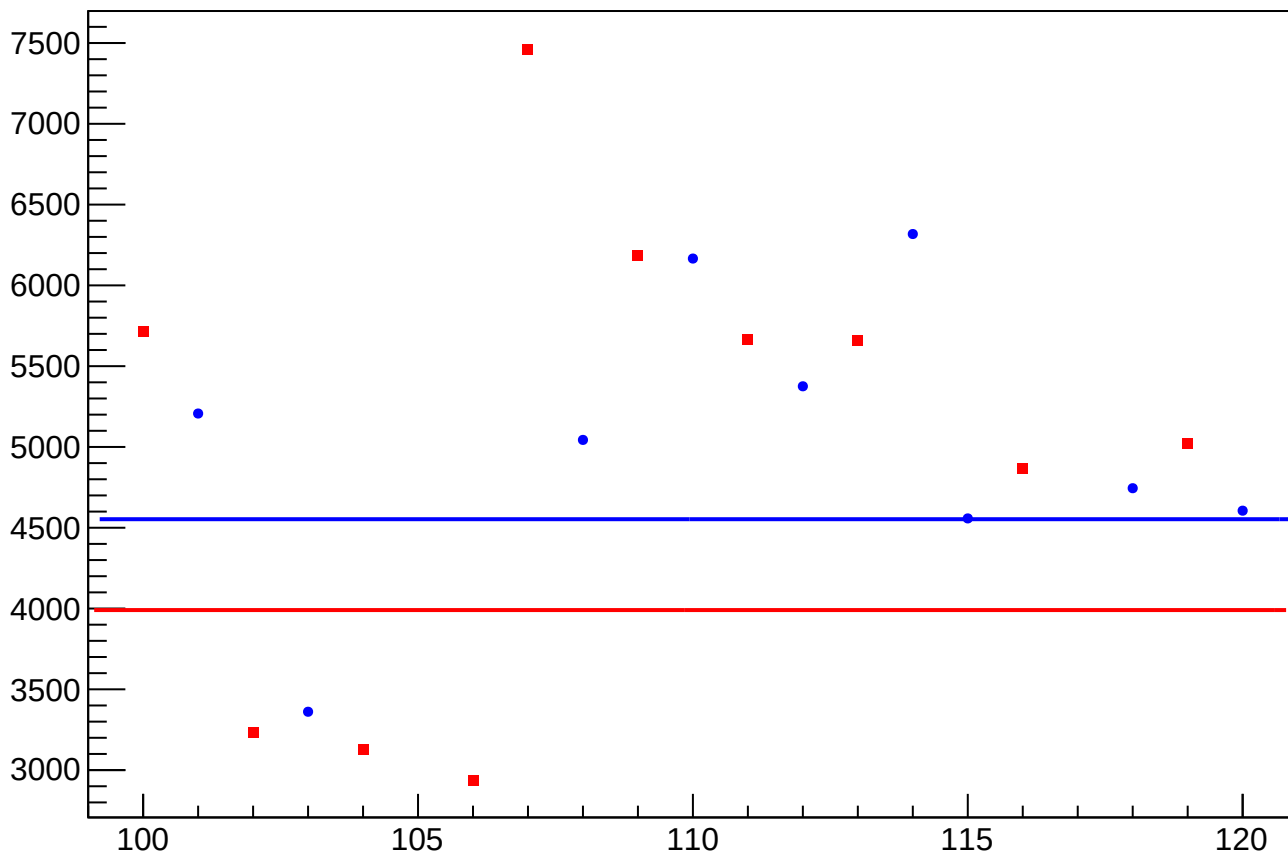
Right: -239.068+/-1572.801 χ^2 /NDF: 20.8/18

In: -1141.616+/-2429.524 χ^2 /NDF:9.6/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -239.068+/-1572.801 χ^2 /NDF: 20.8/18

asym_us_avg_atlr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4552.838+/-1.718 χ^2/NDF : 273632.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3990.495+/-1.459 χ^2/NDF : 709749.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

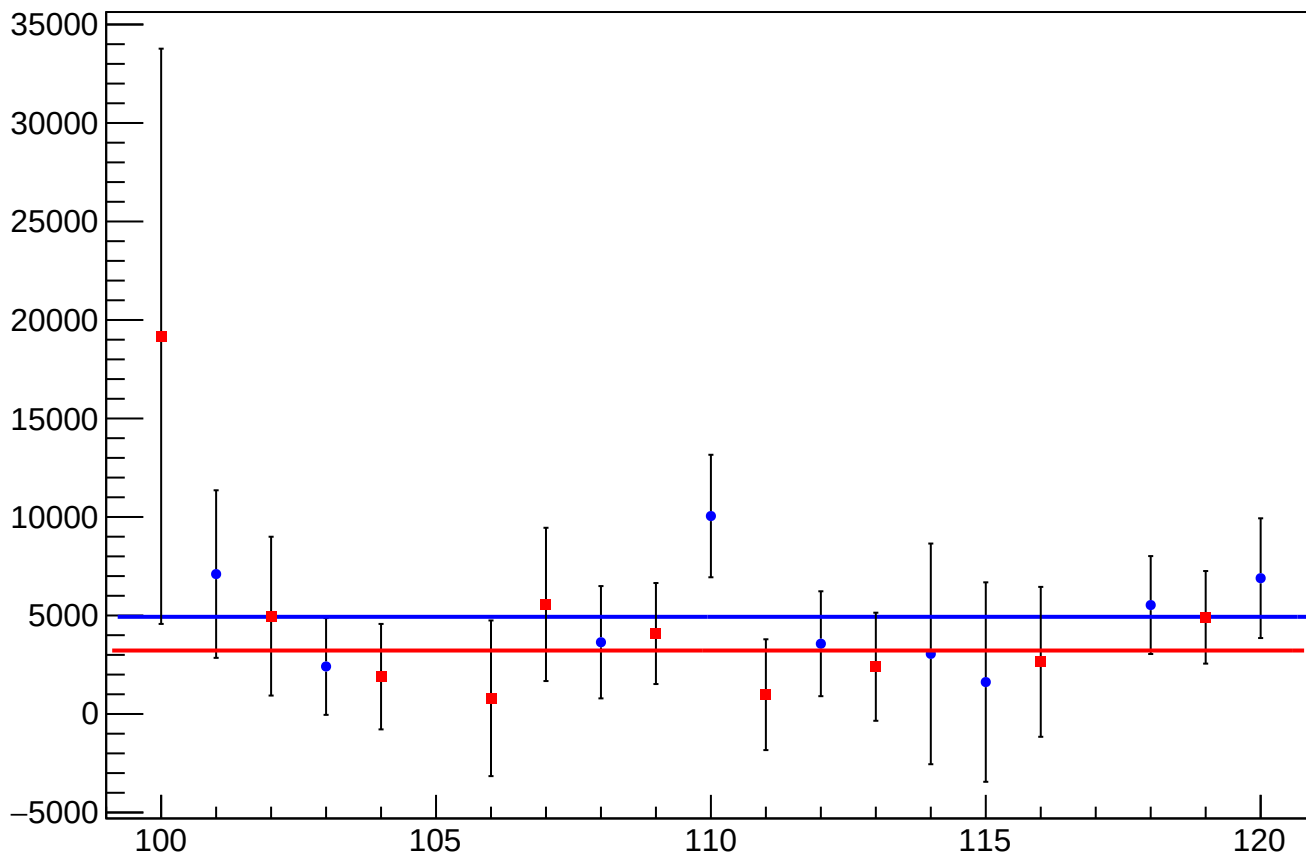
Right: 4226.166+/-1.112 χ^2/NDF : 1045625.6/18

In: 4552.838+/-1.718 χ^2/NDF : 273632.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4226.166+/-1.112 χ^2/NDF : 1045625.6/18

eigen_dit_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4932.294+/-1037.129 χ^2/NDF : 5.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3221.606+/-1001.250 χ^2/NDF : 3.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

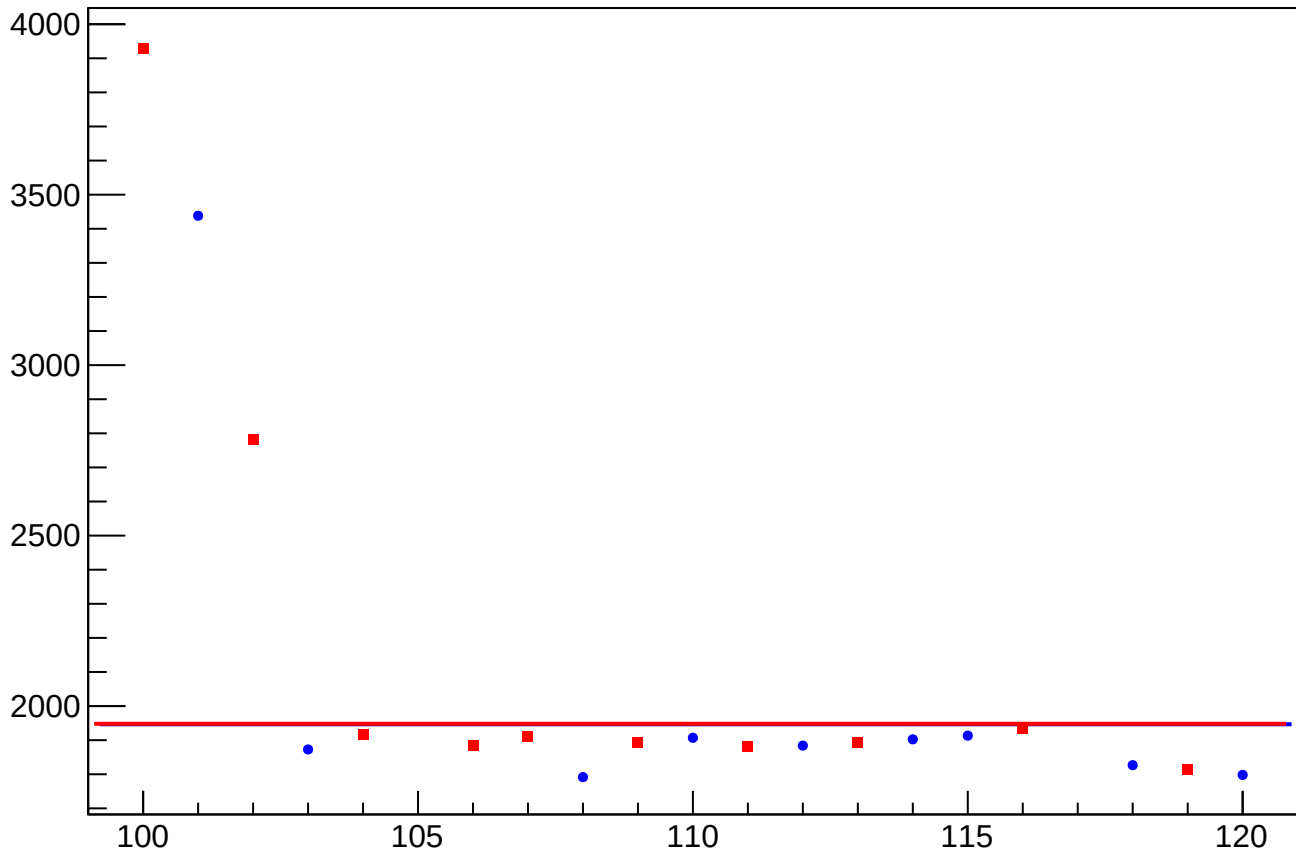
Right: 4046.849+/-720.341 χ^2/NDF : 10.7/18

In: 4932.294+/-1037.129 χ^2/NDF : 5.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4046.849+/-720.341 χ^2/NDF : 10.7/18

eigen_dit_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1946.621+/-0.733 χ^2/NDF : 264740.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1948.045+/-0.707 χ^2/NDF : 132626.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

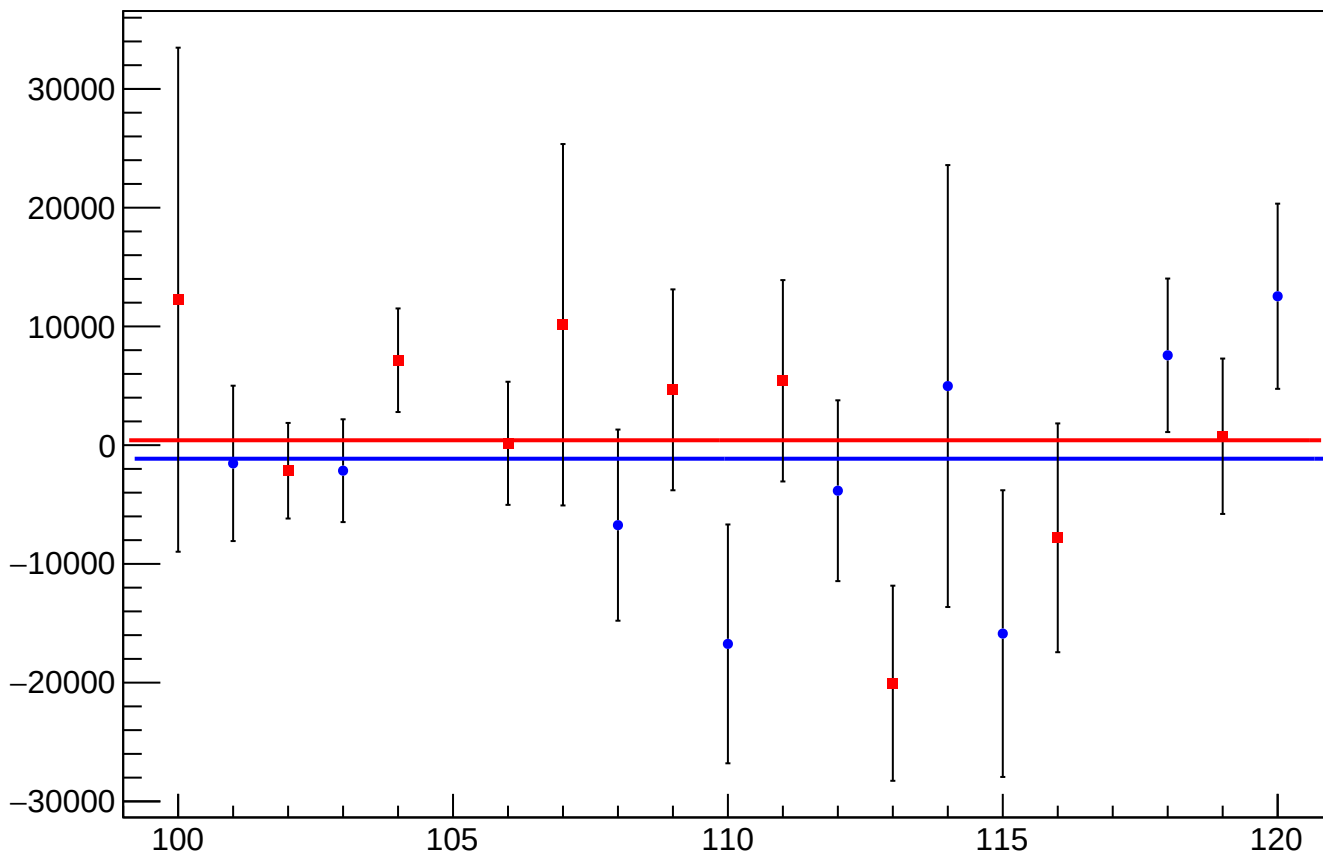
Right: 1947.360+/-0.509 χ^2/NDF : 397368.7/18

In: 1946.621+/-0.733 χ^2/NDF : 264740.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1947.360+/-0.509 χ^2/NDF : 397368.7/18

asym_us_avg_atlr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1141.609+/-2429.517 χ^2/NDF : 9.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 412.058+/-2063.560 χ^2/NDF : 11.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

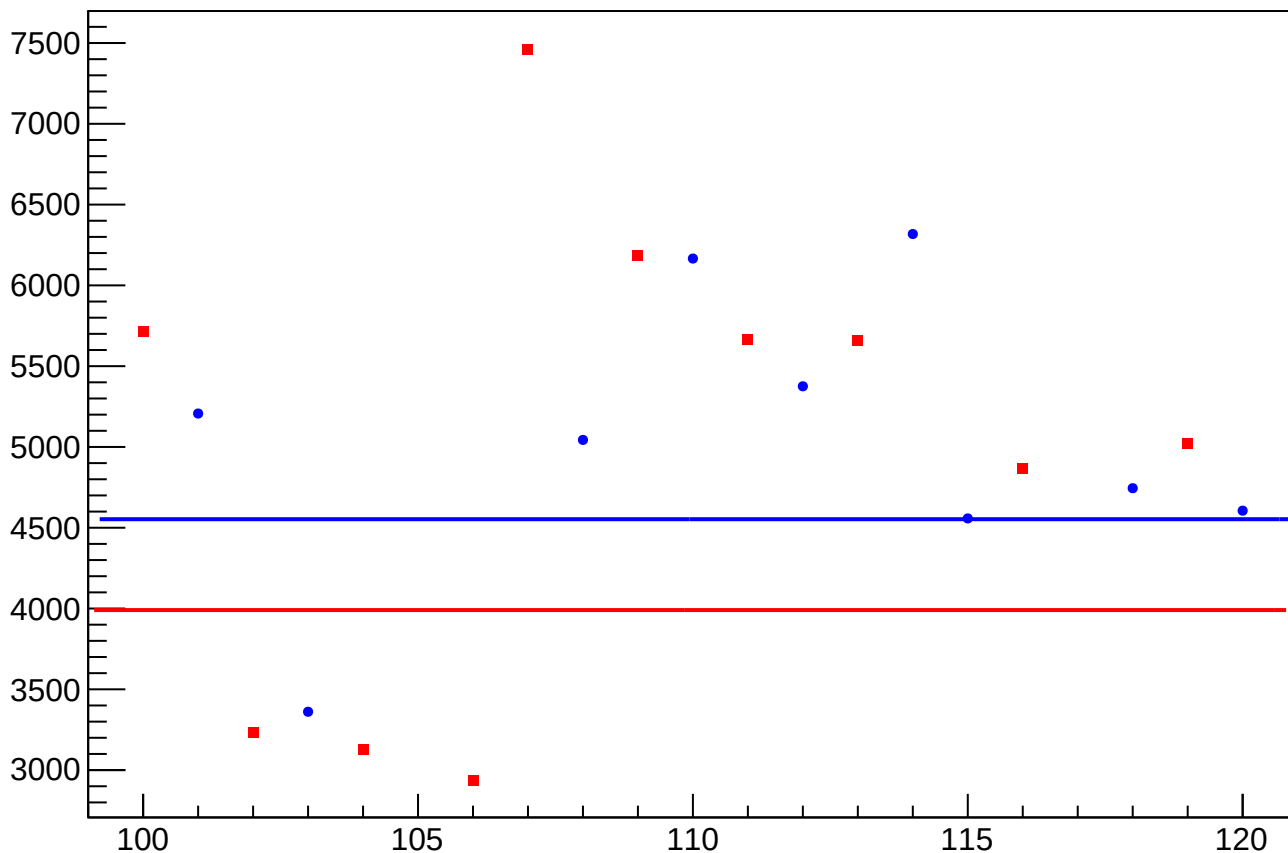
Right: -239.064+/-1572.796 χ^2/NDF : 20.8/18

In: -1141.609+/-2429.517 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -239.064+/-1572.796 χ^2/NDF : 20.8/18

asym_us_avg_atlr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4552.825+/-1.718 χ^2/NDF : 273632.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3990.485+/-1.459 χ^2/NDF : 709747.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

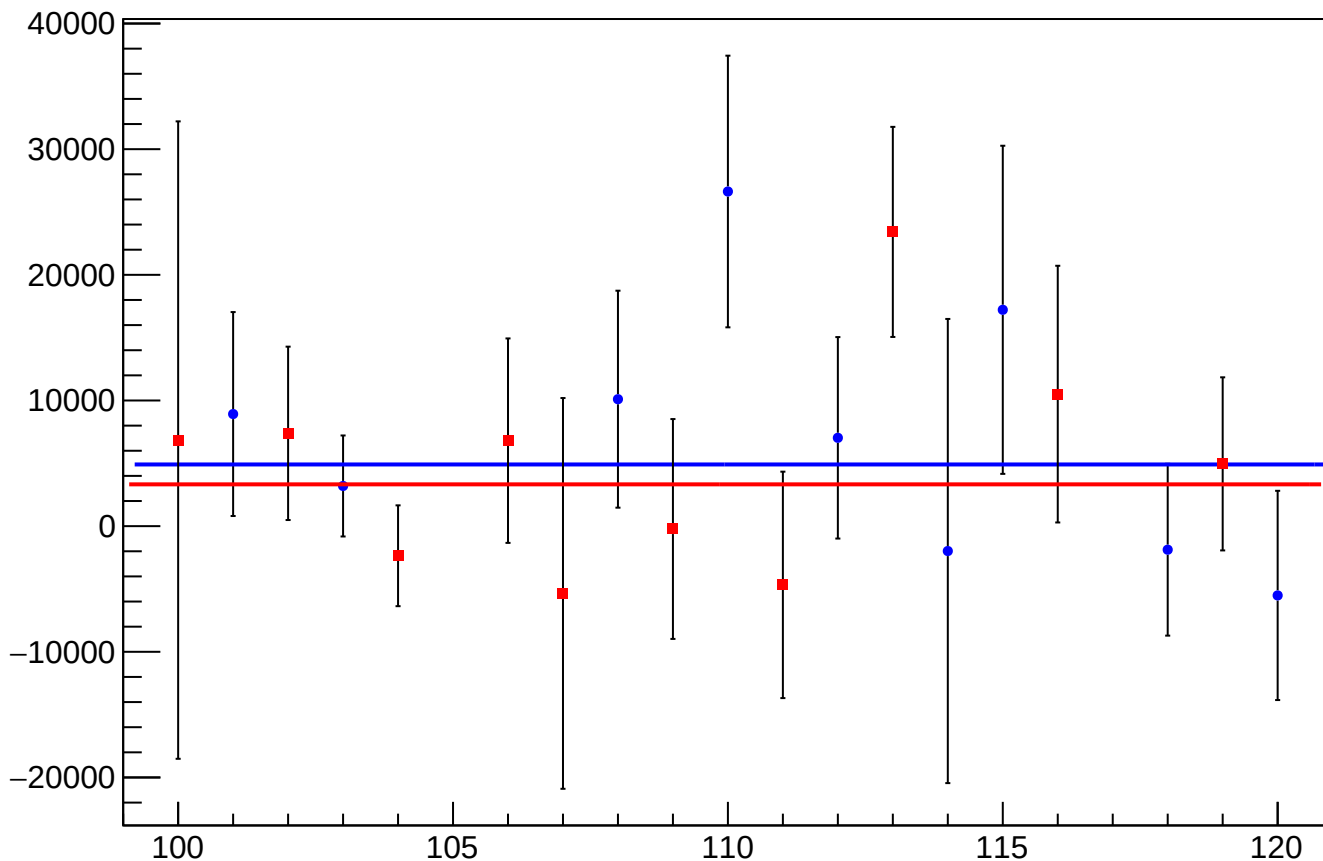
Right: 4226.155+/-1.112 χ^2/NDF : 1045623.7/18

In: 4552.825+/-1.718 χ^2/NDF : 273632.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4226.155+/-1.112 χ^2/NDF : 1045623.7/18

asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4909.472+/-2505.942 χ^2/NDF : 8.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3326.536+/-2395.303 χ^2/NDF : 10.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

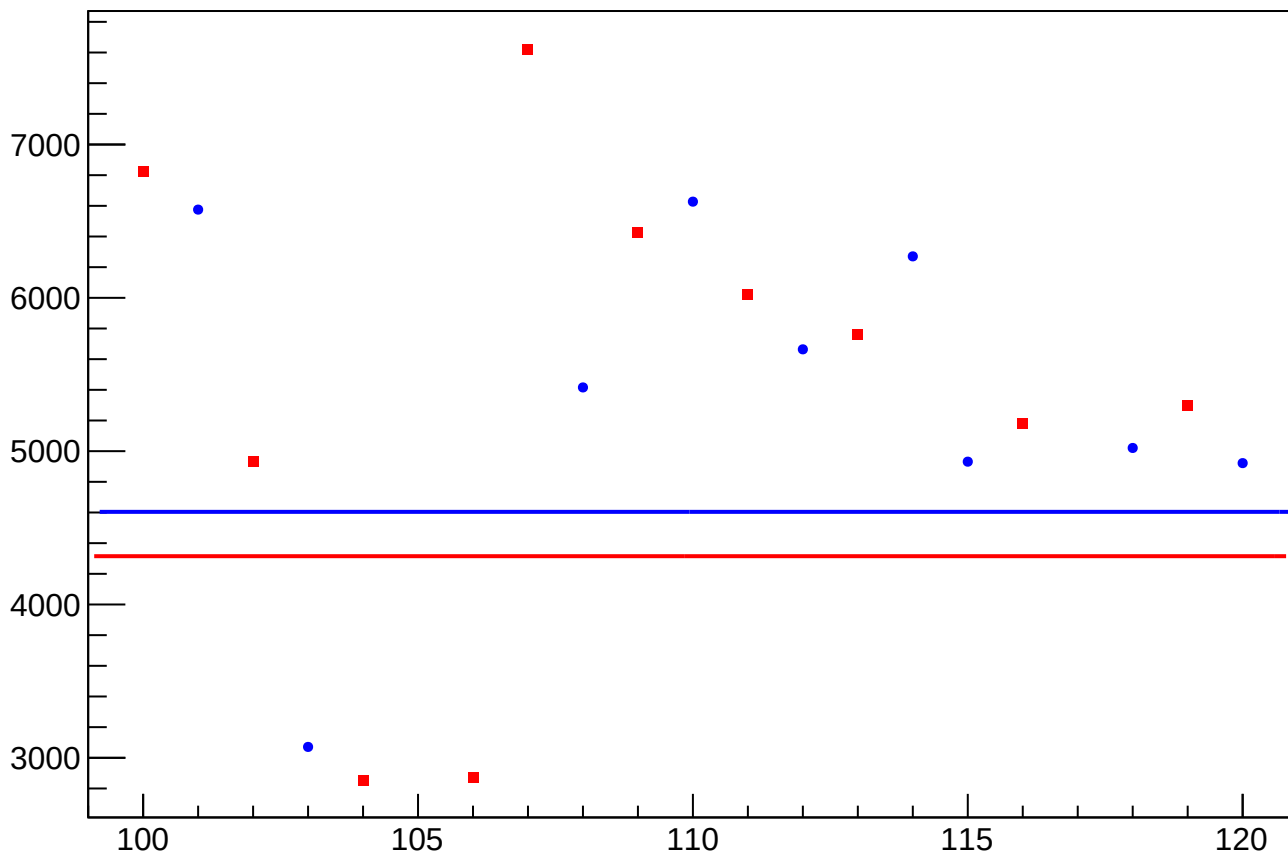
Right: 4082.289+/-1731.527 χ^2/NDF : 18.8/18

In: 4909.472+/-2505.942 χ^2/NDF : 8.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4082.289+/-1731.527 χ^2/NDF : 18.8/18

asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 4604.198+/-1.772 χ^2/NDF : 559649.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4315.002+/-1.642 χ^2/NDF : 804540.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

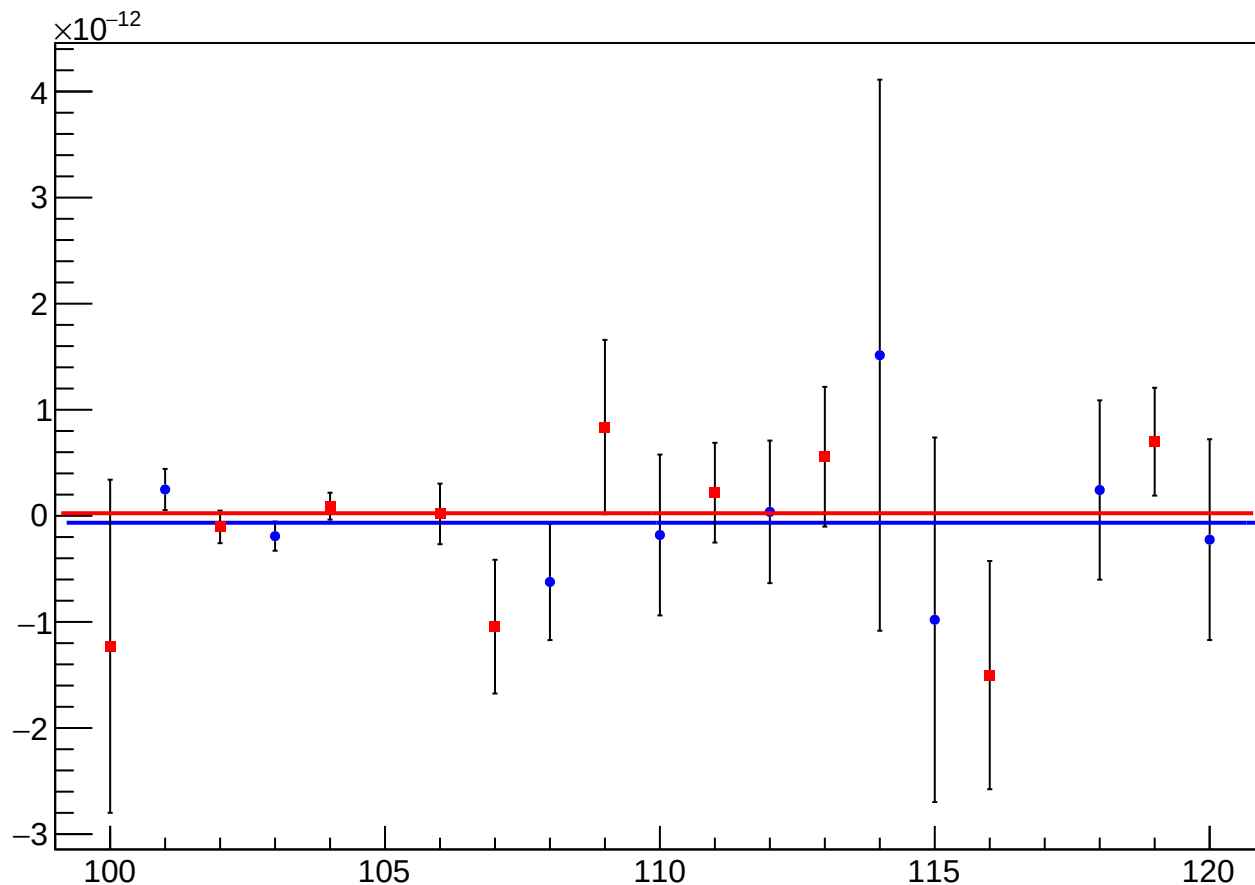
Right: 4448.570+/-1.204 χ^2/NDF : 1378524.7/18

In: 4604.198+/-1.772 χ^2/NDF : 559649.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4448.570+/-1.204 χ^2/NDF : 1378524.7/18

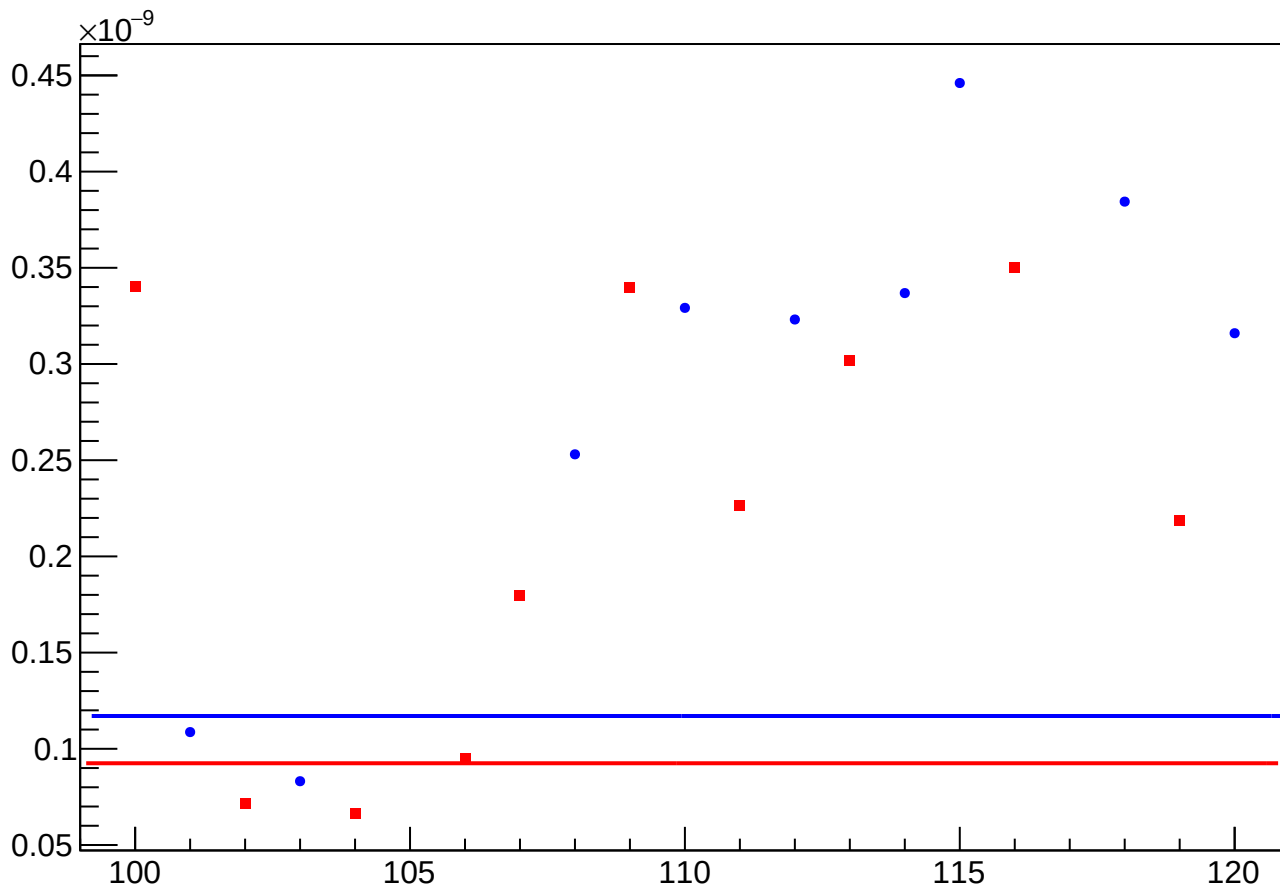
asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 5.4/8
 Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 Right Out: 0.000+/-0.000 χ^2 /NDF: 10.1/9
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: -0.000+/-0.000 χ^2 /NDF: 15.9/18
 In: -0.000+/-0.000 χ^2 /NDF:5.4/8
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: -0.000+/-0.000 χ^2 /NDF: 15.9/18

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 969431.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 995174.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

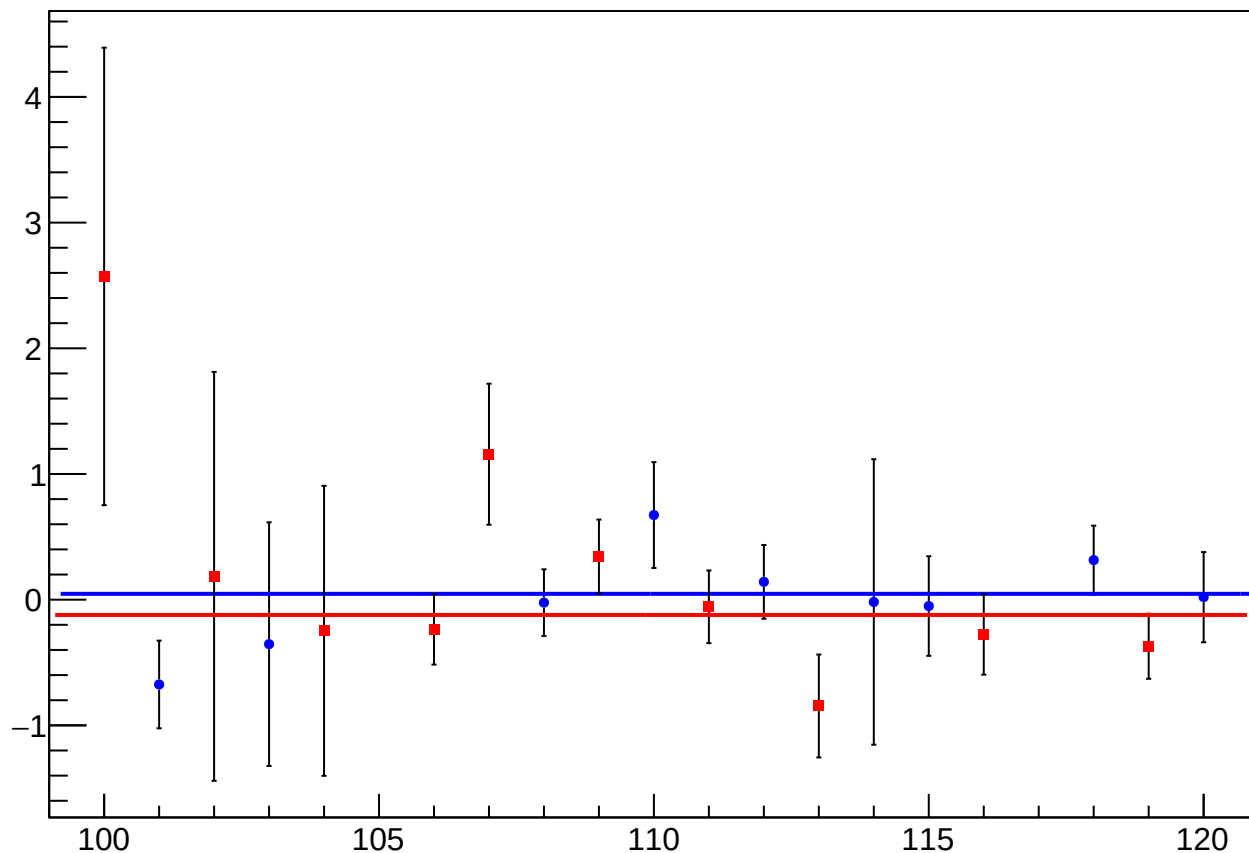
Right: 0.000+/-0.000 χ^2/NDF : 2029271.4/18

In: 0.000+/-0.000 χ^2/NDF : 969431.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2029271.4/18

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.046 $\pm$ 0.120 χ^2 /NDF: 7.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.122 $\pm$ 0.118 χ^2 /NDF: 14.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

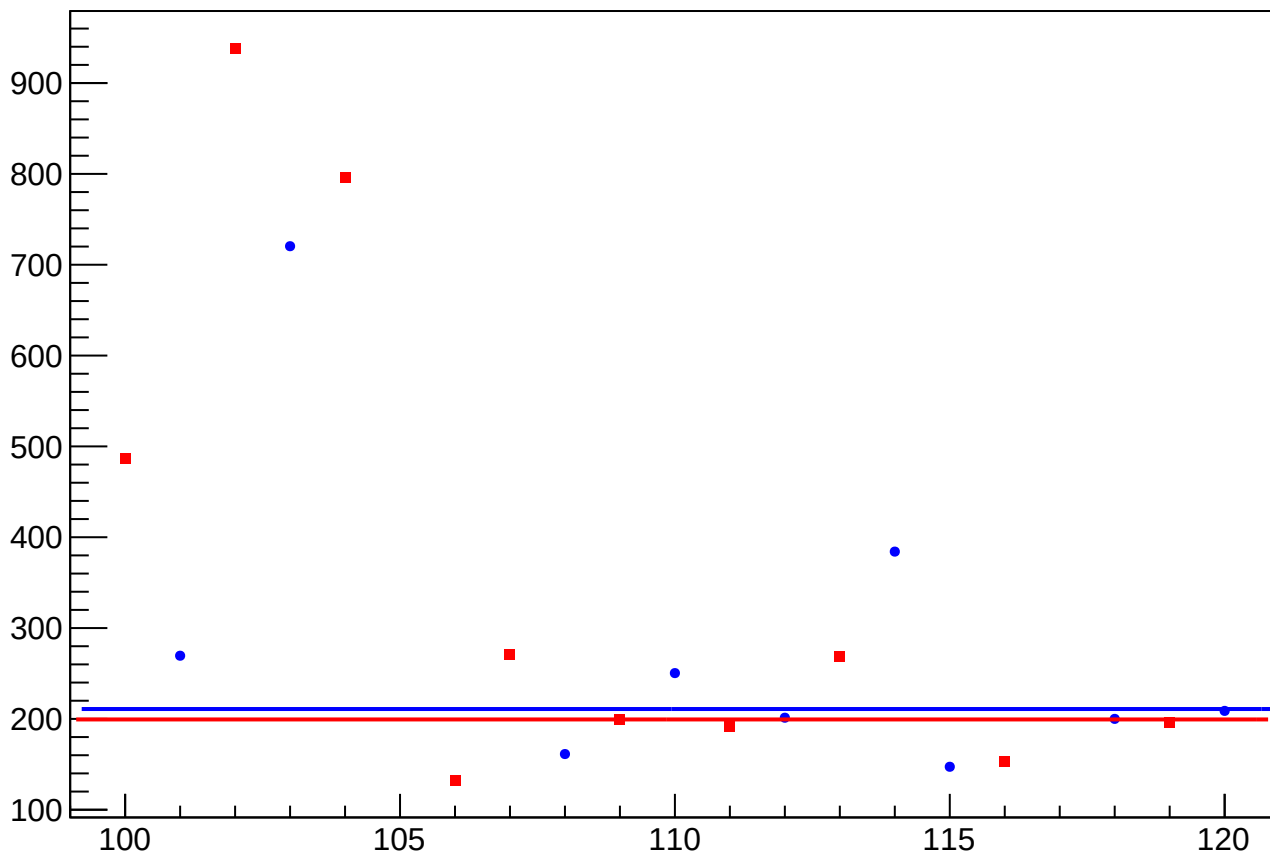
Right: -0.039 $\pm$ 0.084 χ^2 /NDF: 23.3/18

In: 0.046 $\pm$ 0.120 χ^2 /NDF: 7.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.039 $\pm$ 0.084 χ^2 /NDF: 23.3/18

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 210.882 $\pm$ 0.085 χ^2 /NDF: 799958.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 199.397 $\pm$ 0.084 χ^2 /NDF: 1245883.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

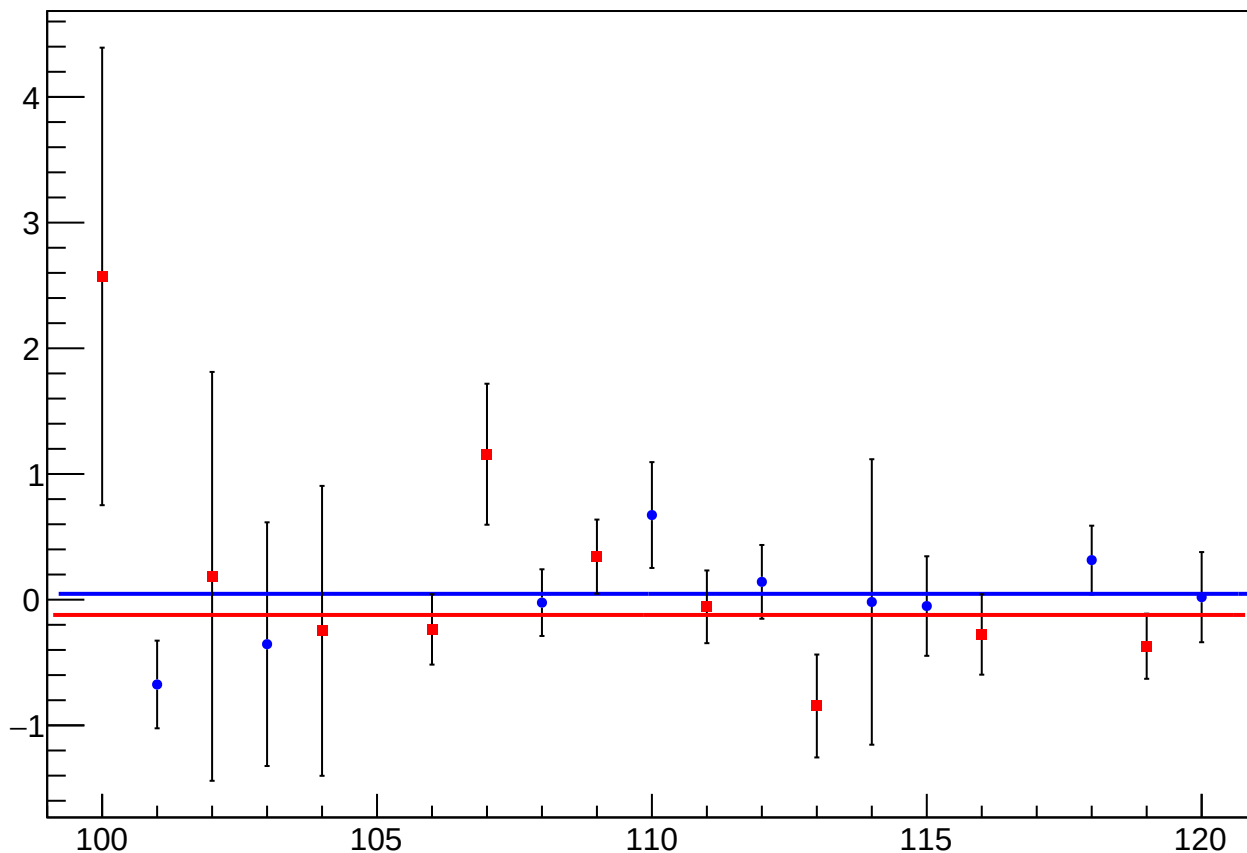
Right: 205.042 $\pm$ 0.060 χ^2 /NDF: 2055101.5/18

In: 210.882 $\pm$ 0.085 χ^2 /NDF:799958.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 205.042 $\pm$ 0.060 χ^2 /NDF: 2055101.5/18

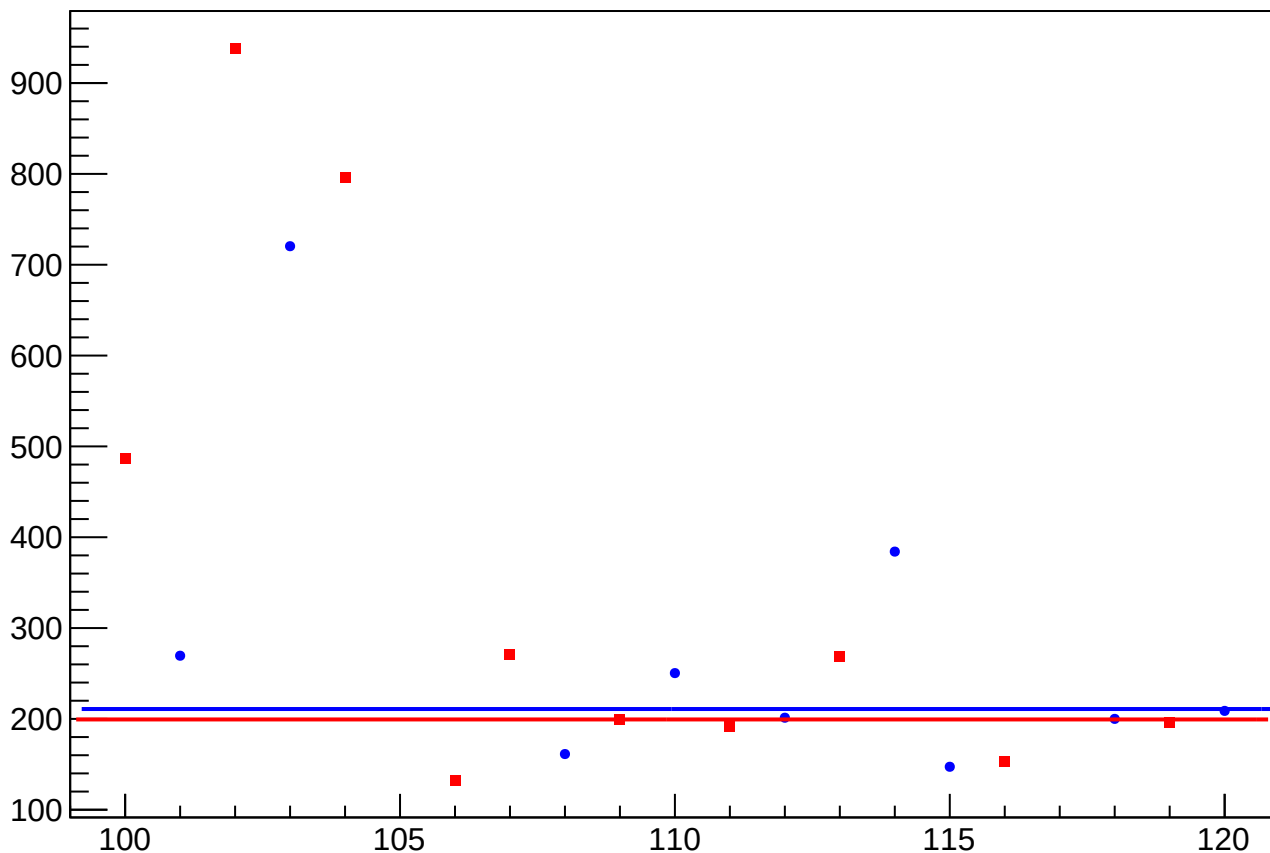
asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.046+/-0.120 χ^2/NDF : 7.9/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.122+/-0.118 χ^2/NDF : 14.4/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.039+/-0.084 χ^2/NDF : 23.3/18
 In: 0.046+/-0.120 χ^2/NDF : 7.9/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.039+/-0.084 χ^2/NDF : 23.3/18

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 210.882 $\pm$ 0.085 χ^2 /NDF: 799958.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 199.397 $\pm$ 0.084 χ^2 /NDF: 1245883.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

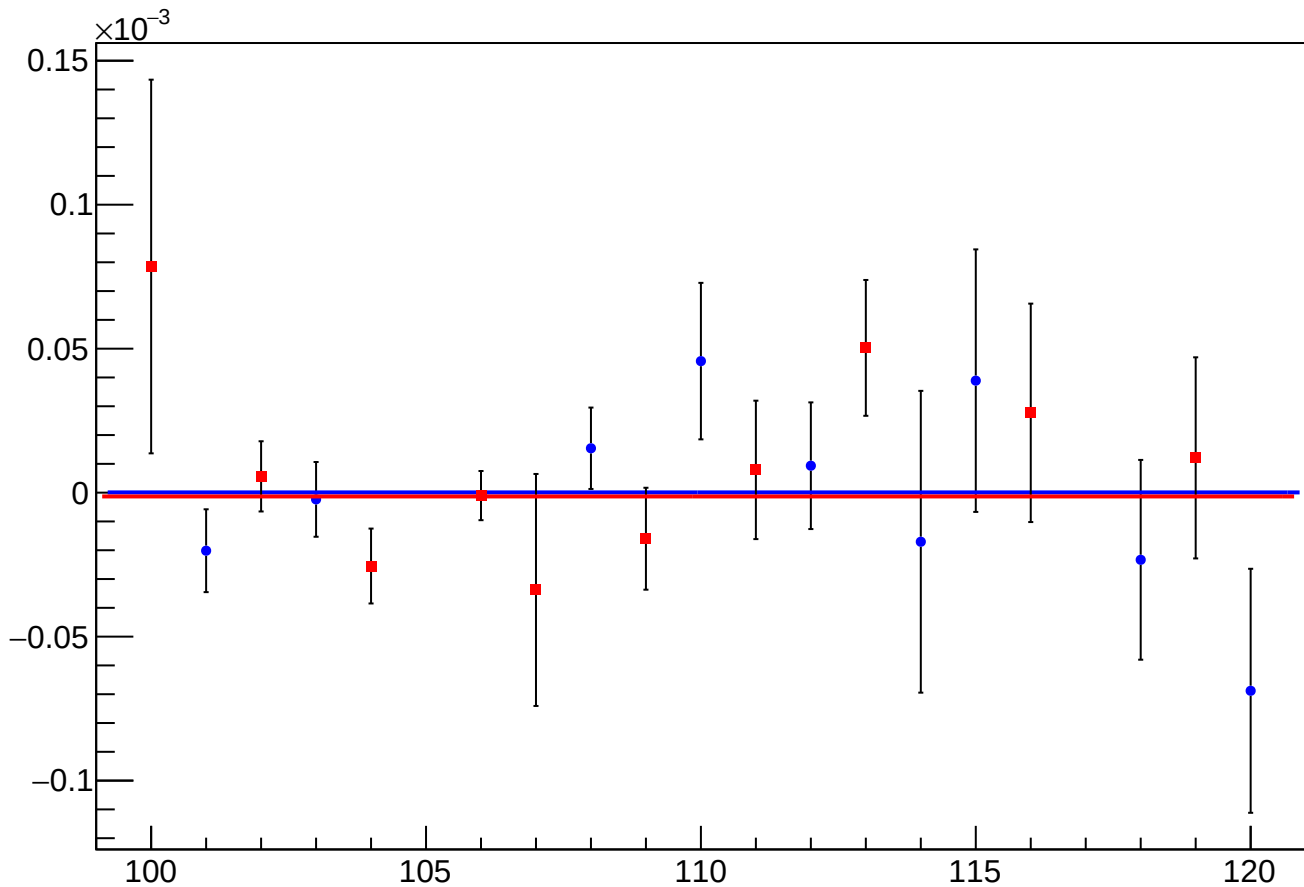
Right: 205.042 $\pm$ 0.060 χ^2 /NDF: 2055101.5/18

In: 210.882 $\pm$ 0.085 χ^2 /NDF:799958.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 205.042 $\pm$ 0.060 χ^2 /NDF: 2055101.5/18

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 : 10.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

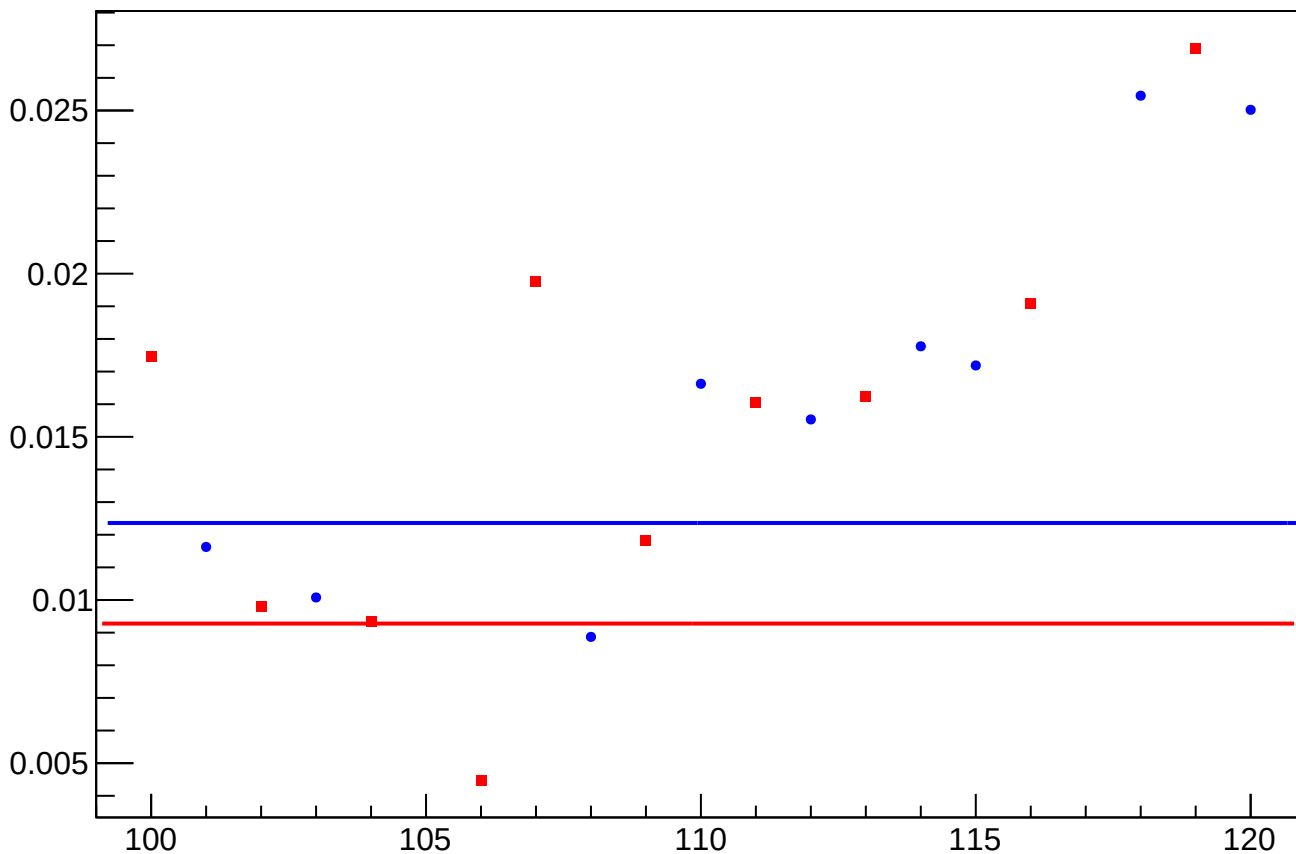
Right: -0.000+/-0.000 χ^2/NDF : 22.4/18

In: 0.000+/-0.000 χ^2/NDF : 10.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.4/18

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 : 787208.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 1823838.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

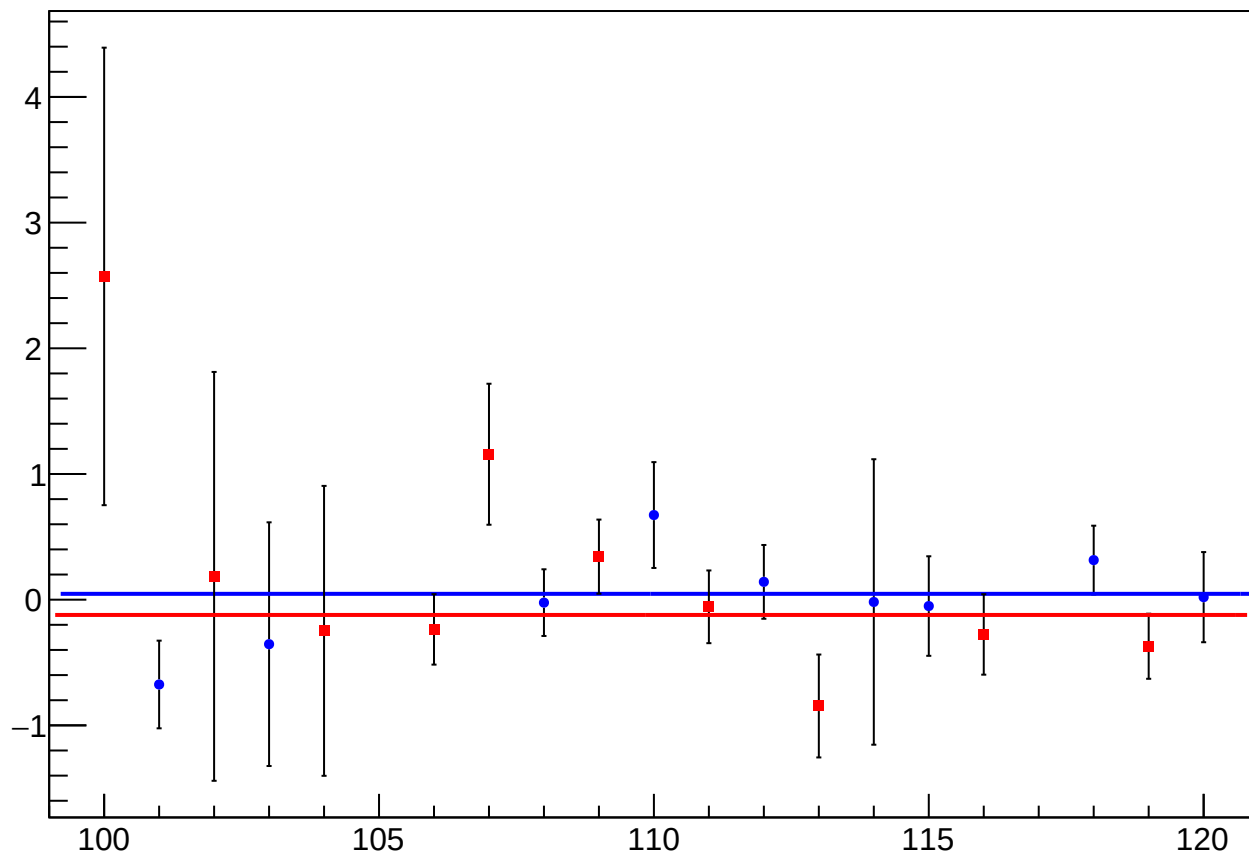
Right: 0.010+/-0.000 χ^2/NDF : 2864843.3/18

In: 0.012+/-0.000 χ^2/NDF : 787208.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 2864843.3/18

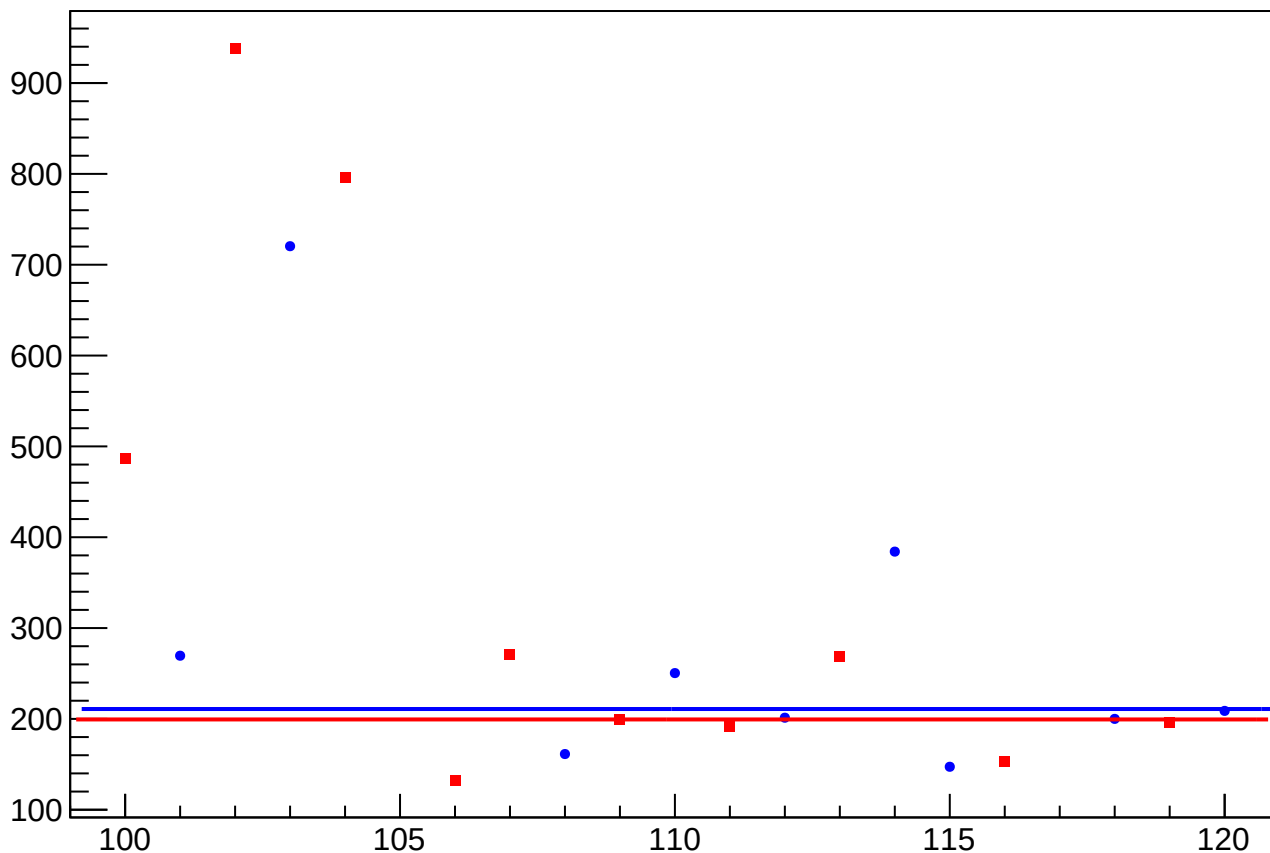
asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.046+/-0.120 χ^2/NDF : 7.9/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.122+/-0.118 χ^2/NDF : 14.4/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.039+/-0.084 χ^2/NDF : 23.3/18
 In: 0.046+/-0.120 χ^2/NDF : 7.9/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.039+/-0.084 χ^2/NDF : 23.3/18

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 210.882+/-0.085 χ^2/NDF : 799944.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 199.397+/-0.084 χ^2/NDF : 1245868.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

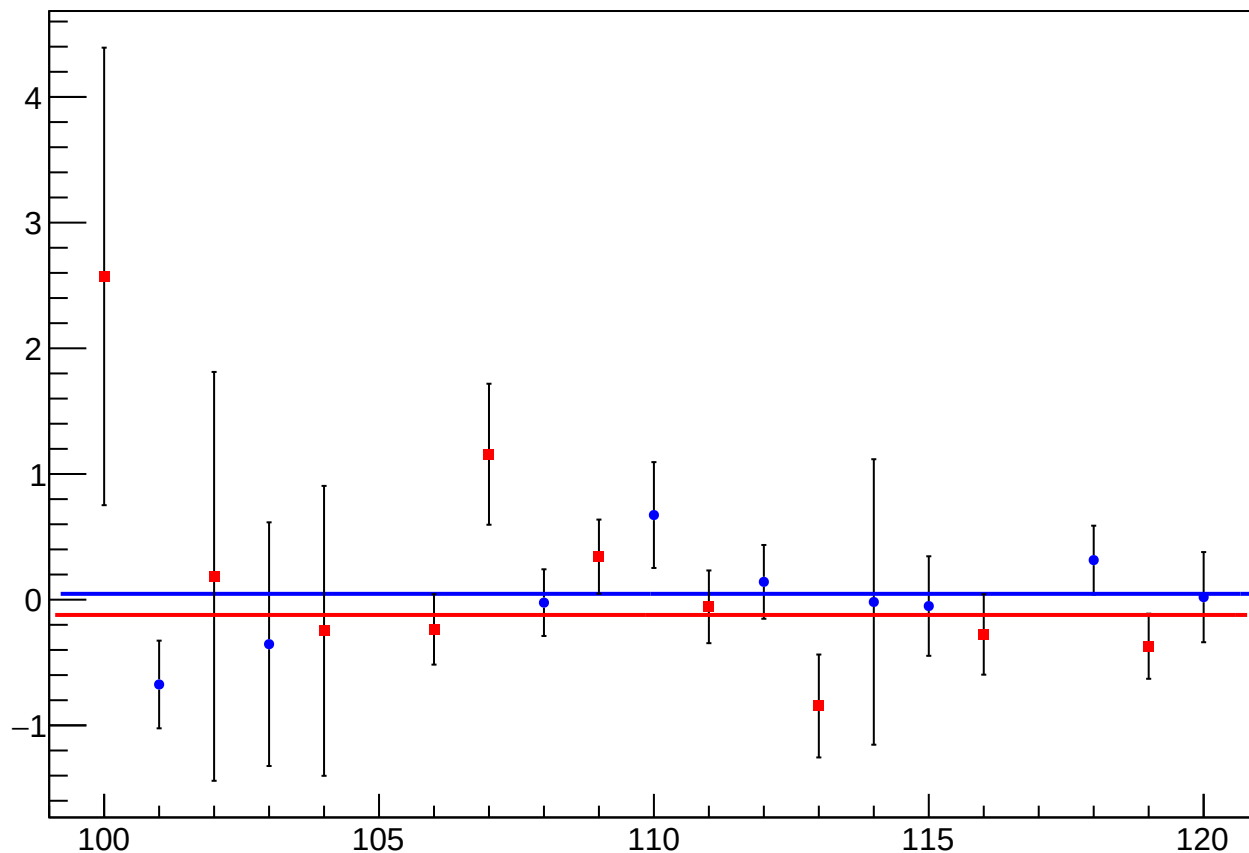
Right: 205.042+/-0.060 χ^2/NDF : 2055071.8/18

In: 210.882+/-0.085 χ^2/NDF : 799944.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 205.042+/-0.060 χ^2/NDF : 2055071.8/18

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.046+/-0.120 χ^2/NDF : 7.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.122+/-0.118 χ^2/NDF : 14.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

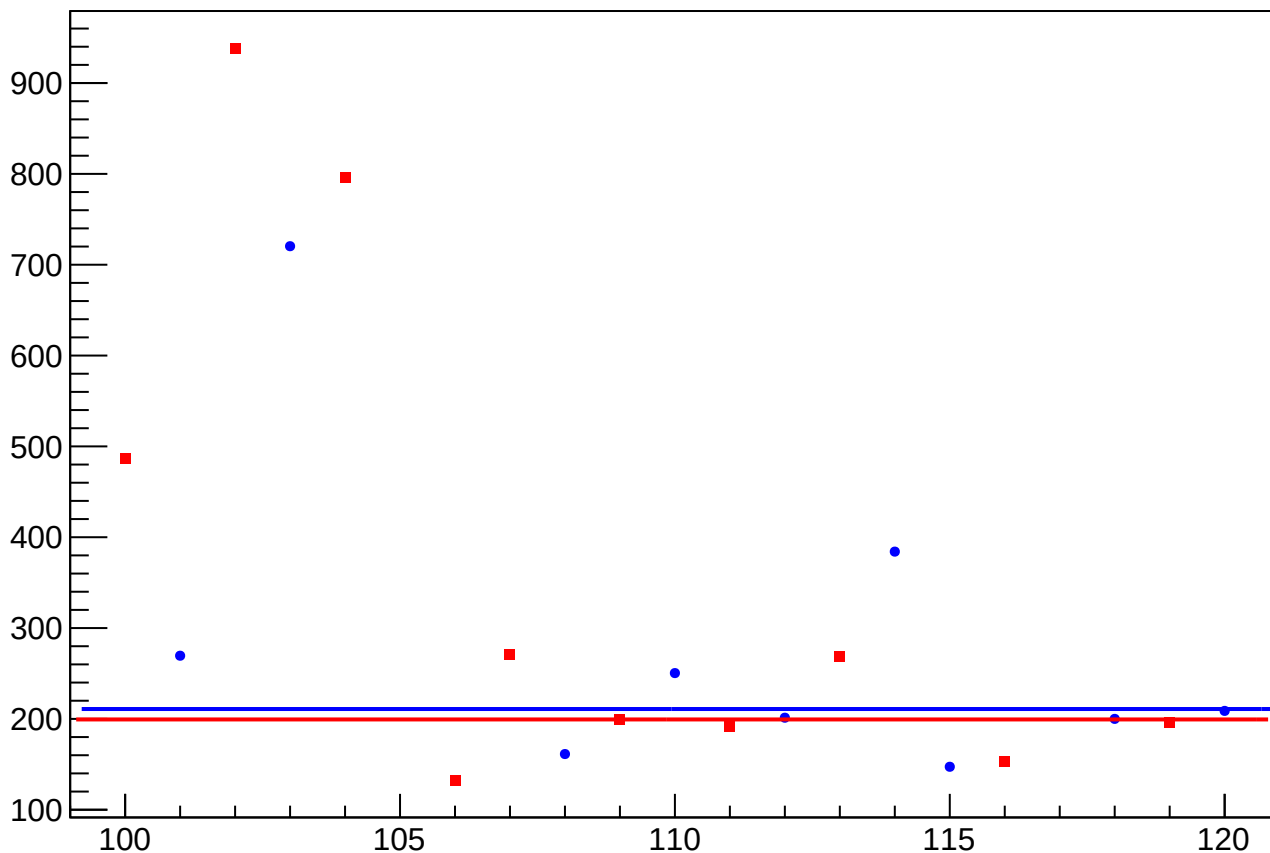
Right: -0.039+/-0.084 χ^2/NDF : 23.3/18

In: 0.046+/-0.120 χ^2/NDF : 7.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.039+/-0.084 χ^2/NDF : 23.3/18

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 210.882+/-0.085 χ^2/NDF : 799944.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 199.397+/-0.084 χ^2/NDF : 1245868.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

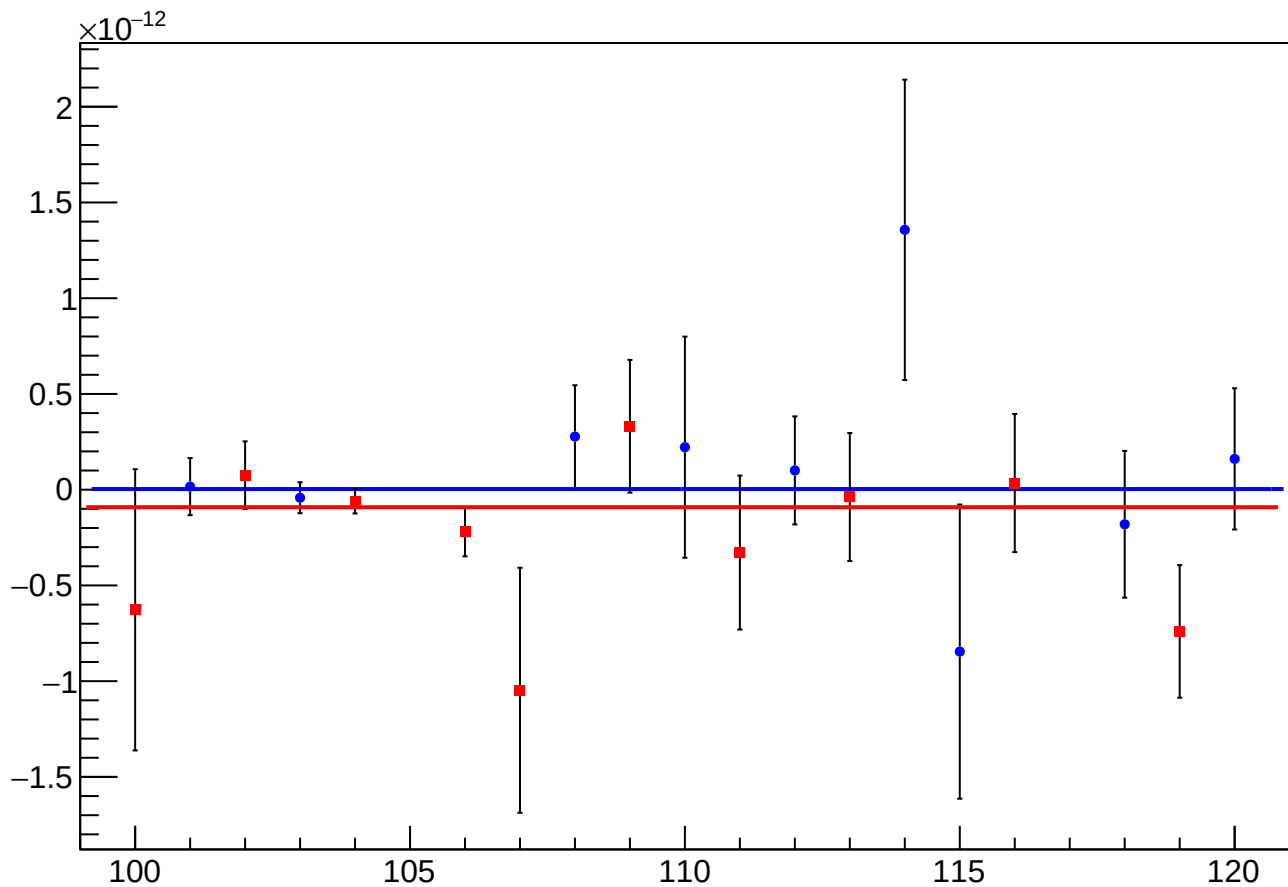
Right: 205.042+/-0.060 χ^2/NDF : 2055071.8/18

In: 210.882+/-0.085 χ^2/NDF : 799944.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 205.042+/-0.060 χ^2/NDF : 2055071.8/18

asym_us_avg_atlr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

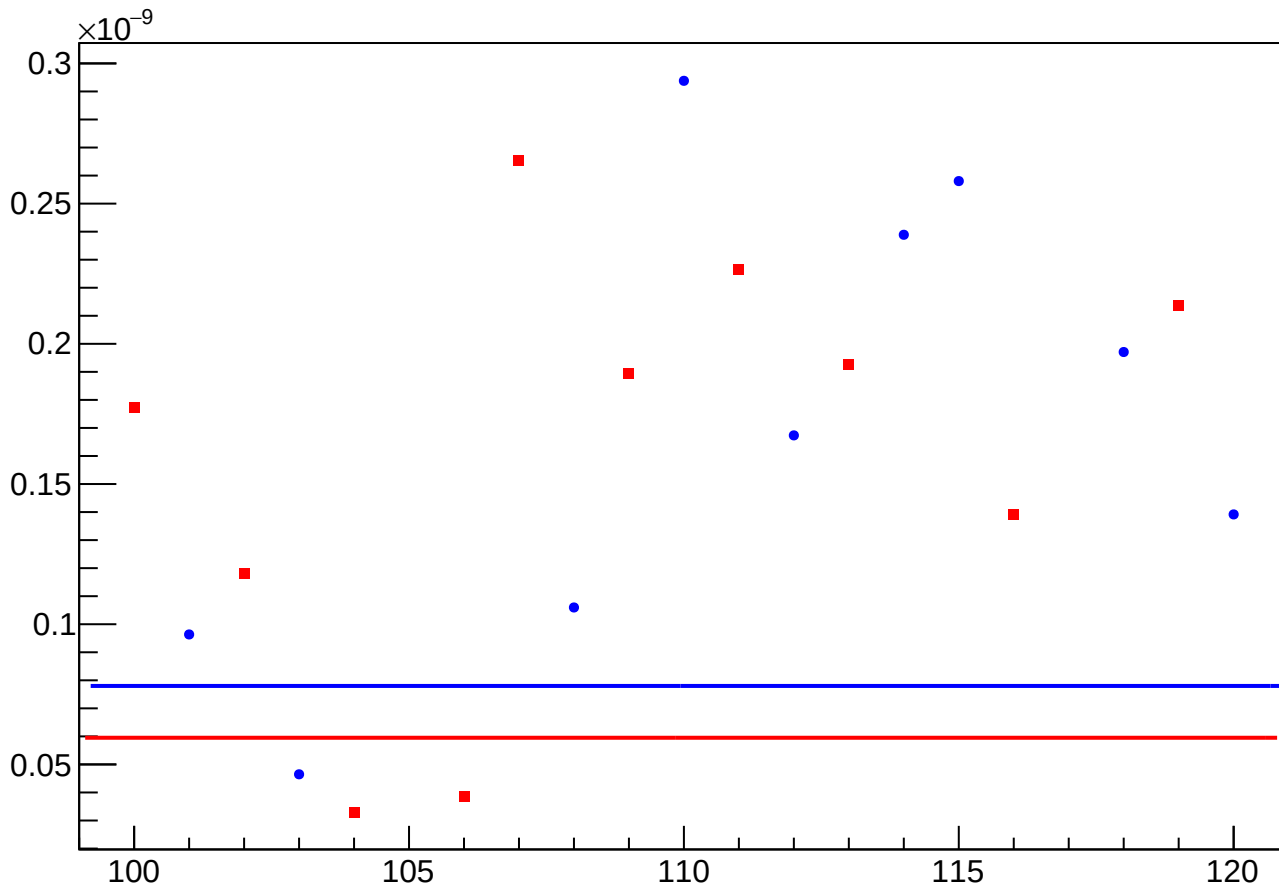
Right: -0.000+/-0.000 χ^2/NDF : 18.0/18

In: 0.000+/-0.000 χ^2/NDF : 6.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.0/18

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 : 1277315.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2318991.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

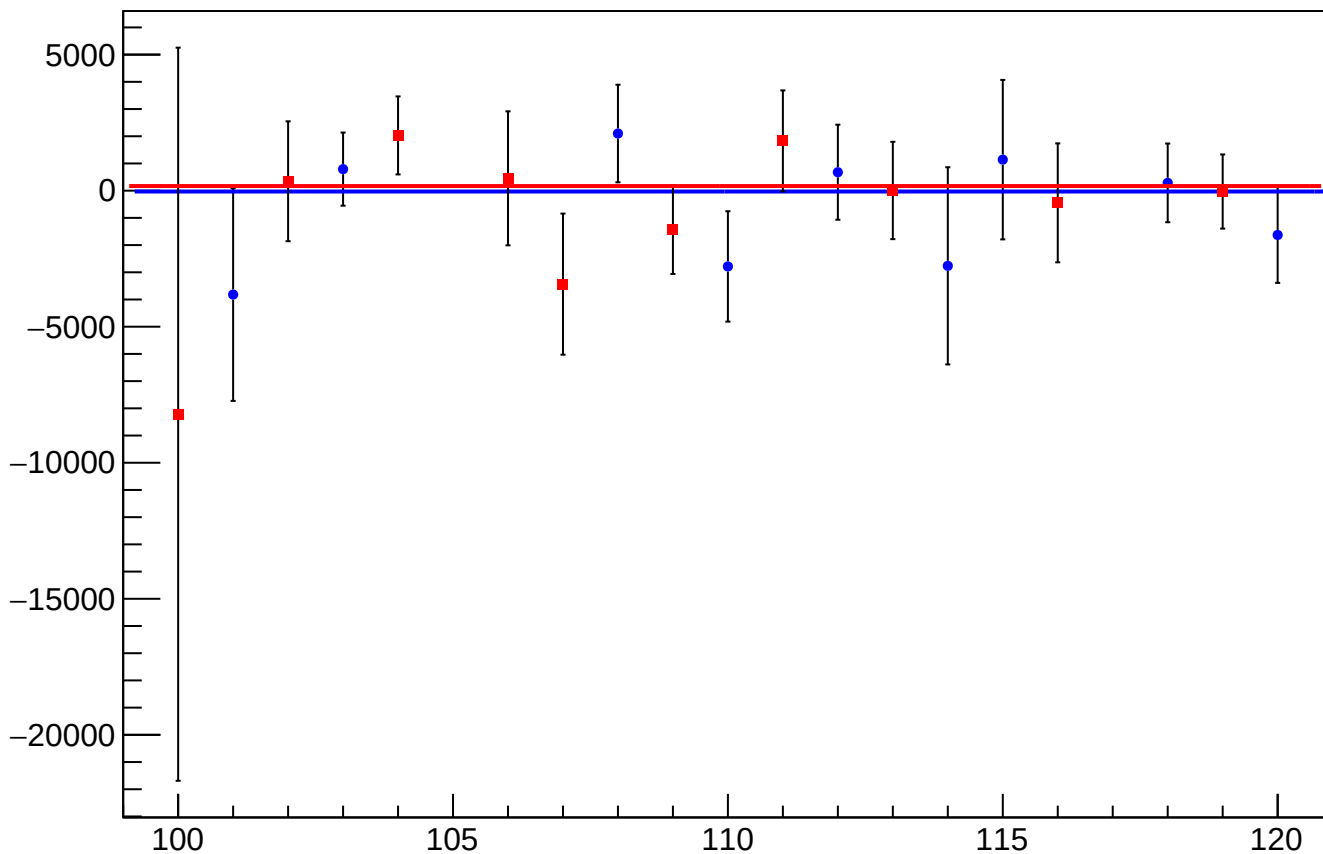
Right: 0.000+/-0.000 χ^2/NDF : 3697965.4/18

In: 0.000+/-0.000 χ^2/NDF : 1277315.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3697965.4/18

reg_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -31.368+/-633.220 χ^2/NDF : 6.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.752+/-604.391 χ^2/NDF : 5.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

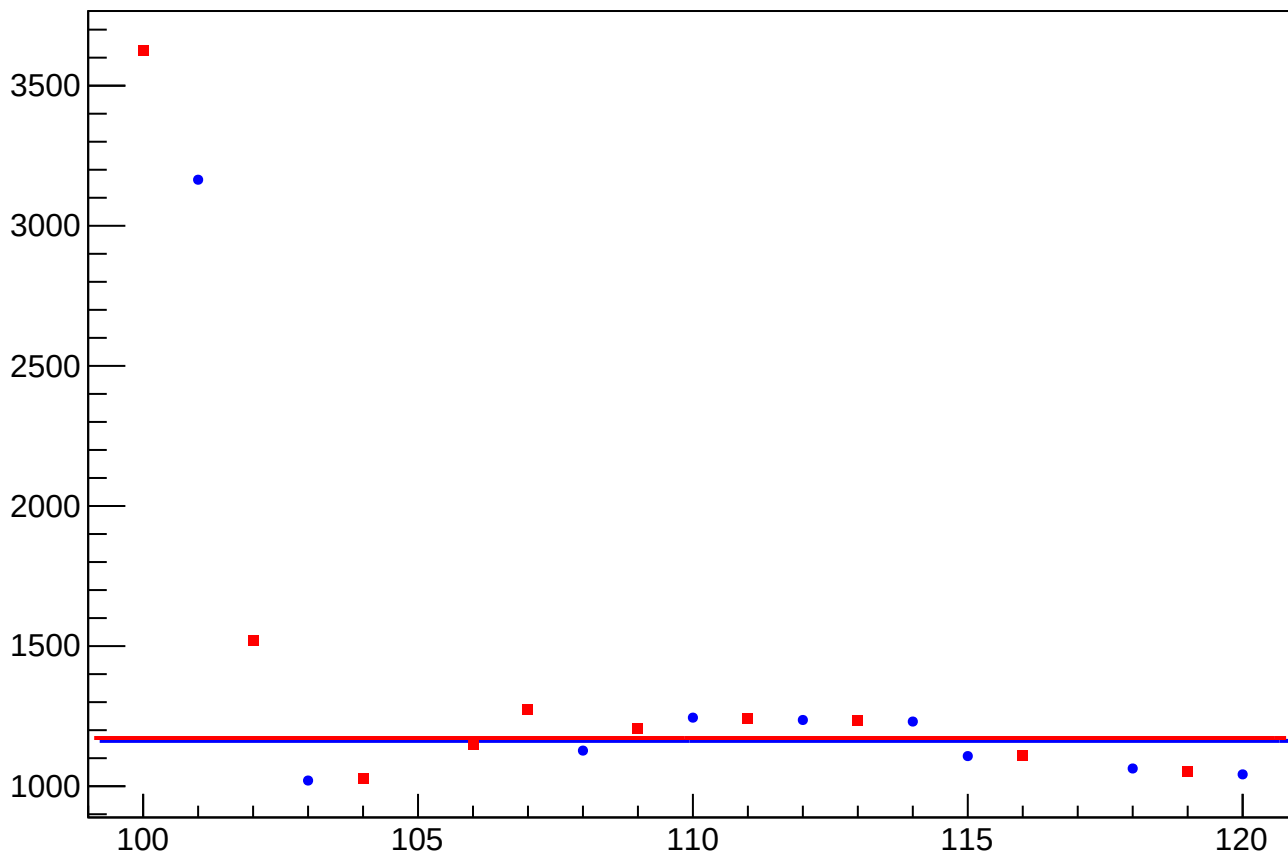
Right: 73.875+/-437.206 χ^2/NDF : 12.3/18

In: -31.368+/-633.220 χ^2/NDF : 6.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.875+/-437.206 χ^2/NDF : 12.3/18

reg_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1161.727+/-0.448 χ^2/NDF : 575168.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1172.015+/-0.426 χ^2/NDF : 163415.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

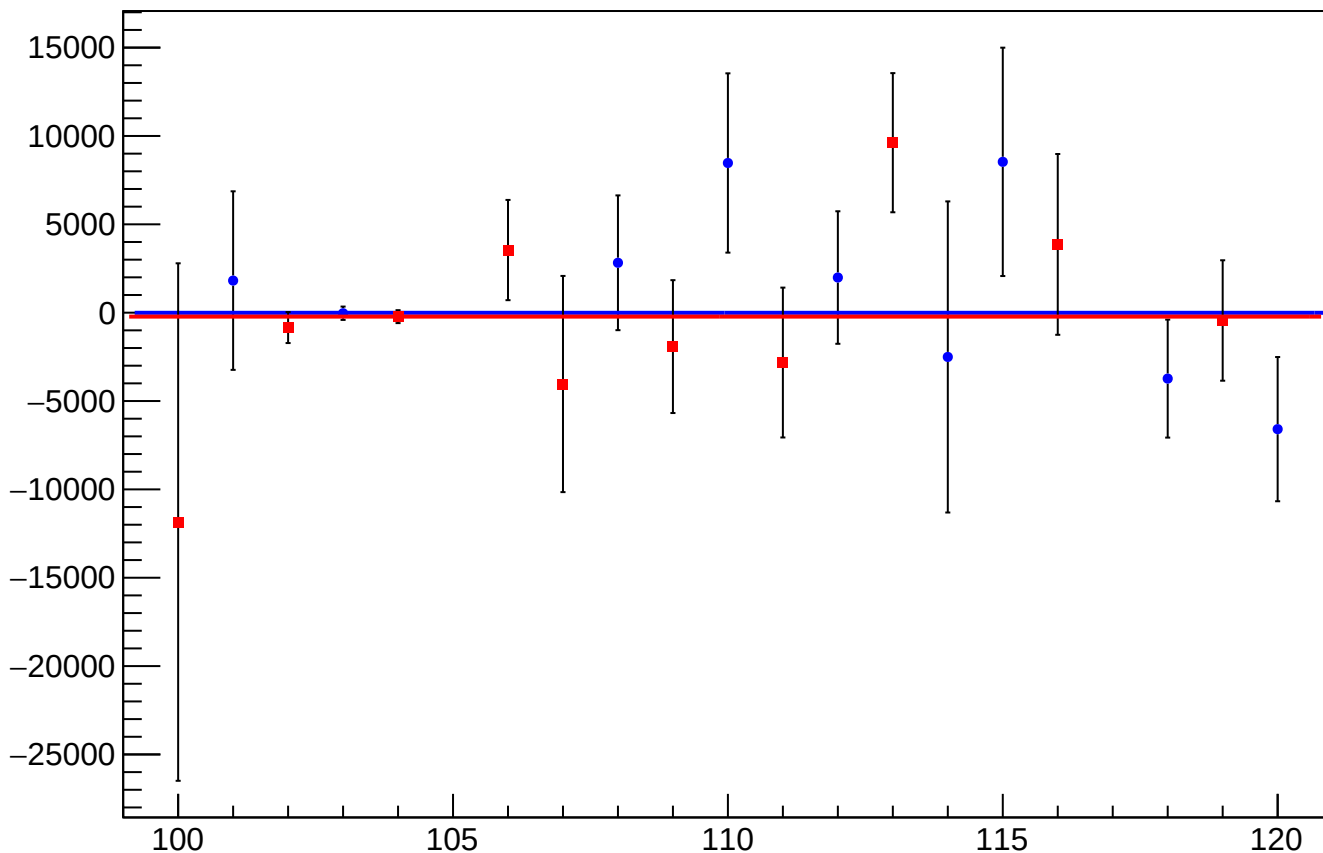
Right: 1167.129+/-0.309 χ^2/NDF : 738861.3/18

In: 1161.727+/-0.448 χ^2/NDF : 575168.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1167.129+/-0.309 χ^2/NDF : 738861.3/18

asym_us_avg_atlr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -6.687+/-367.171 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -222.256+/-329.169 χ^2/NDF : 10.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

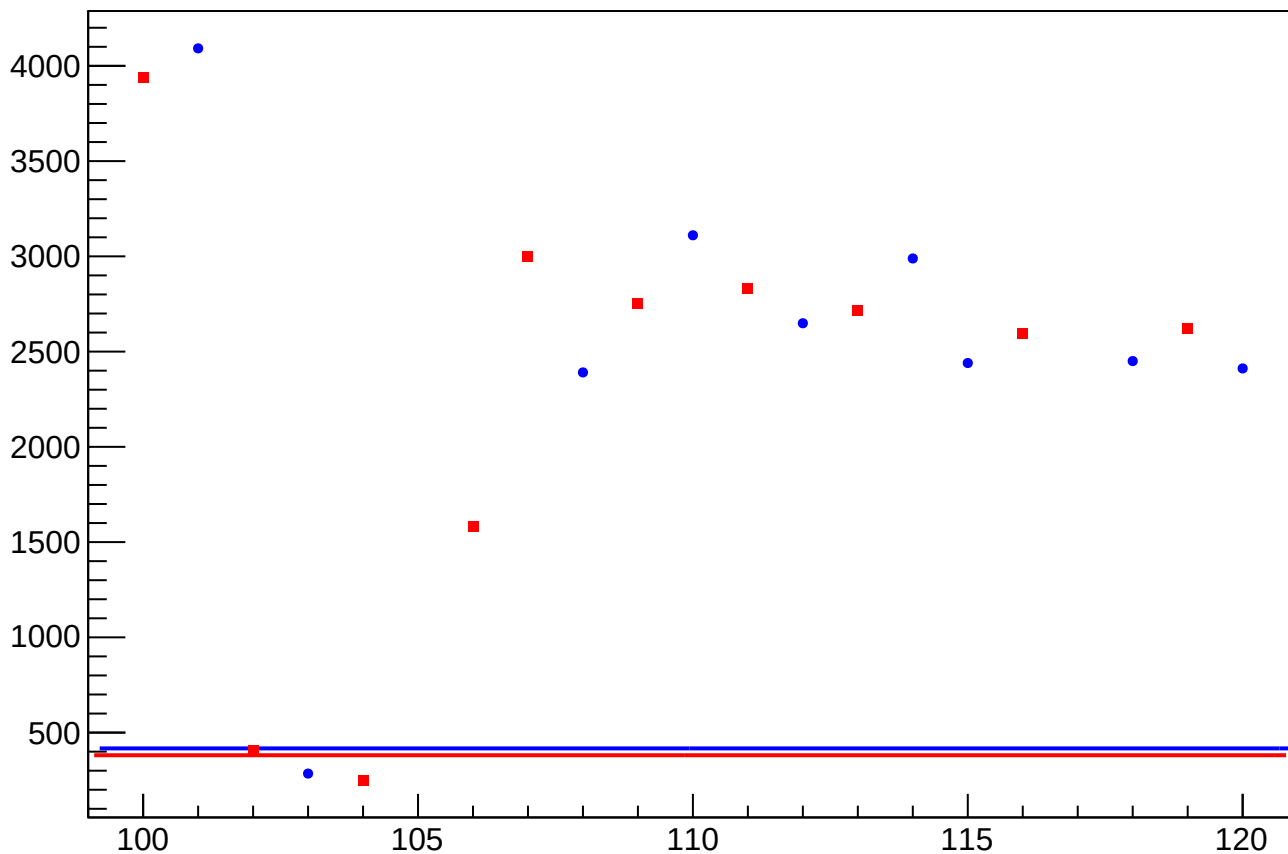
Right: -126.201+/-245.095 χ^2/NDF : 20.4/18

In: -6.687+/-367.171 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -126.201+/-245.095 χ^2/NDF : 20.4/18

asym_us_avg_atlr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 417.055+/-0.260 χ^2/NDF : 4697153.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 381.228+/-0.233 χ^2/NDF : 4514014.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

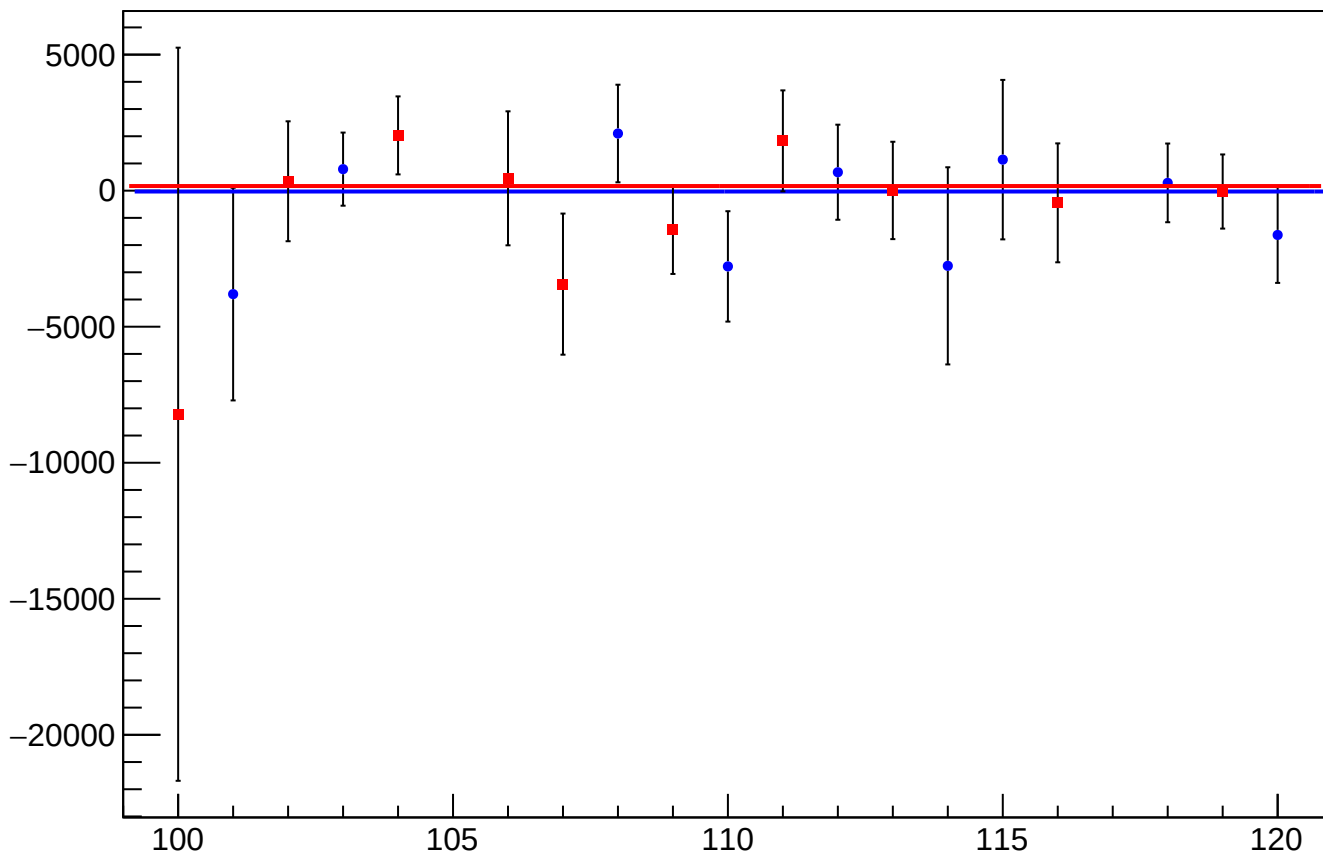
Right: 397.192+/-0.173 χ^2/NDF : 9221725.9/18

In: 417.055+/-0.260 χ^2/NDF : 4697153.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 397.192+/-0.173 χ^2/NDF : 9221725.9/18

cor_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -30.998 ± 633.220 χ^2/NDF : 6.3/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 170.076 ± 604.391 χ^2/NDF : 5.9/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

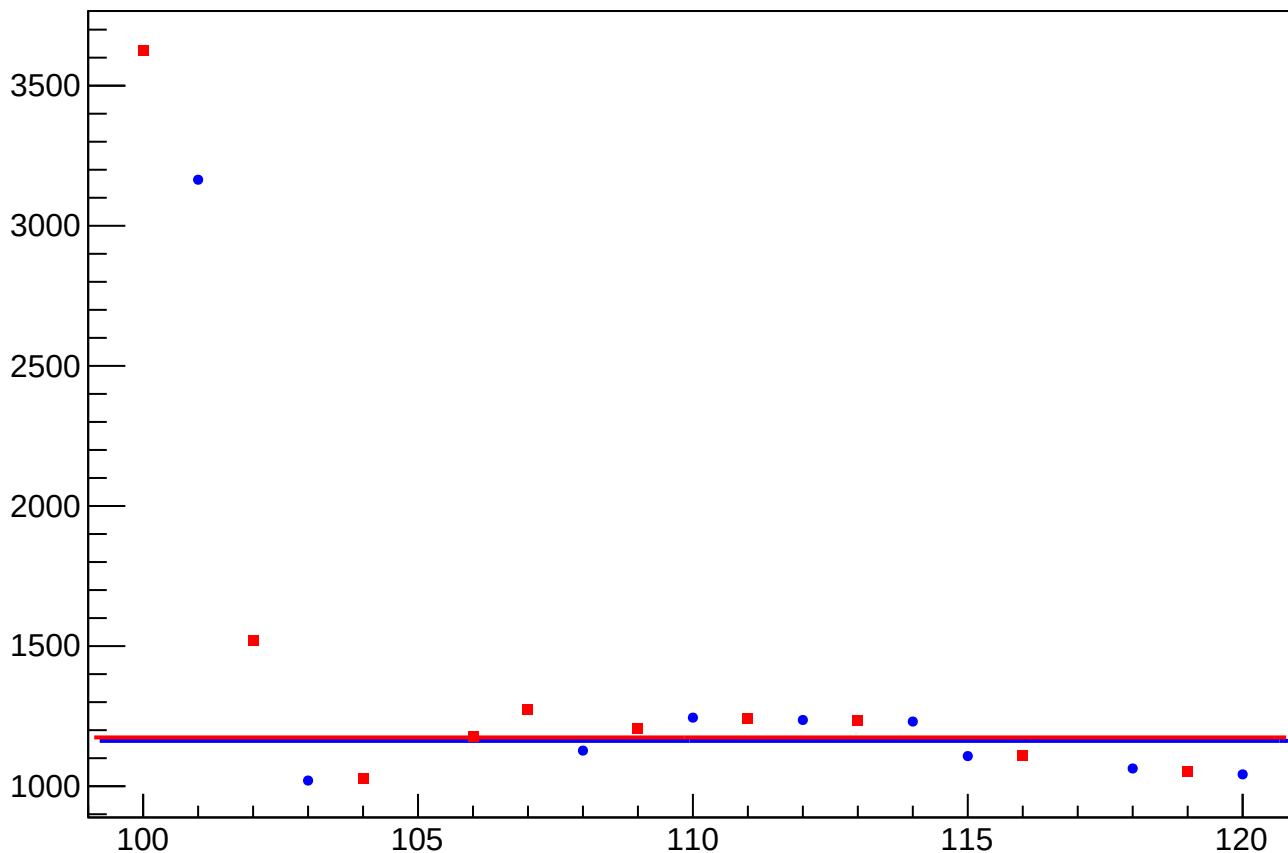
Right: 74.220 ± 437.206 χ^2/NDF : 12.3/18

In: -30.998 ± 633.220 χ^2/NDF : 6.3/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 74.220 ± 437.206 χ^2/NDF : 12.3/18

cor_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1161.726+/-0.448 χ^2/NDF : 575170.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1174.074+/-0.427 χ^2/NDF : 163183.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

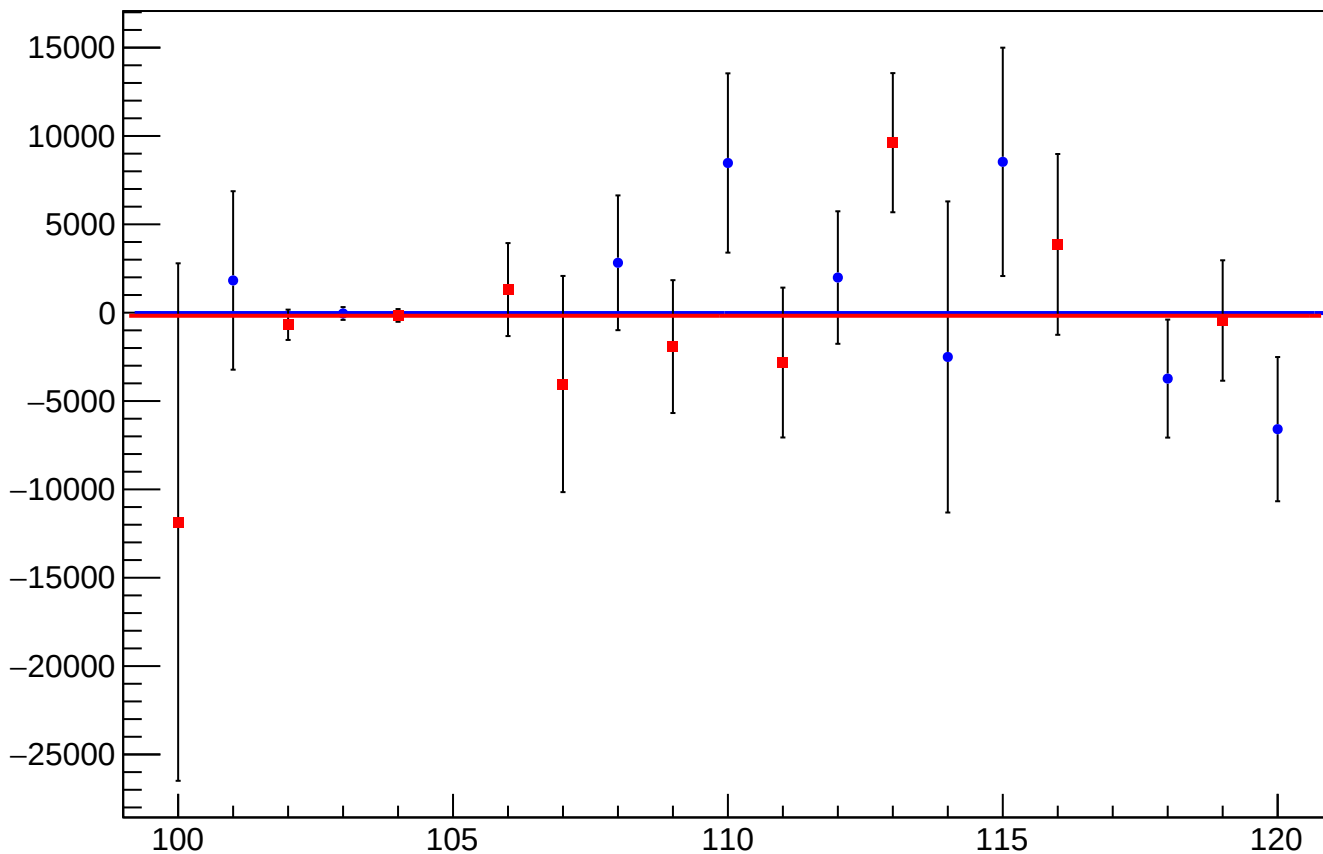
Right: 1168.195+/-0.309 χ^2/NDF : 738751.7/18

In: 1161.726+/-0.448 χ^2/NDF : 575170.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1168.195+/-0.309 χ^2/NDF : 738751.7/18

asym_us_avg_atlr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -20.775+/-353.010 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -174.338+/-323.671 χ^2/NDF : 9.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

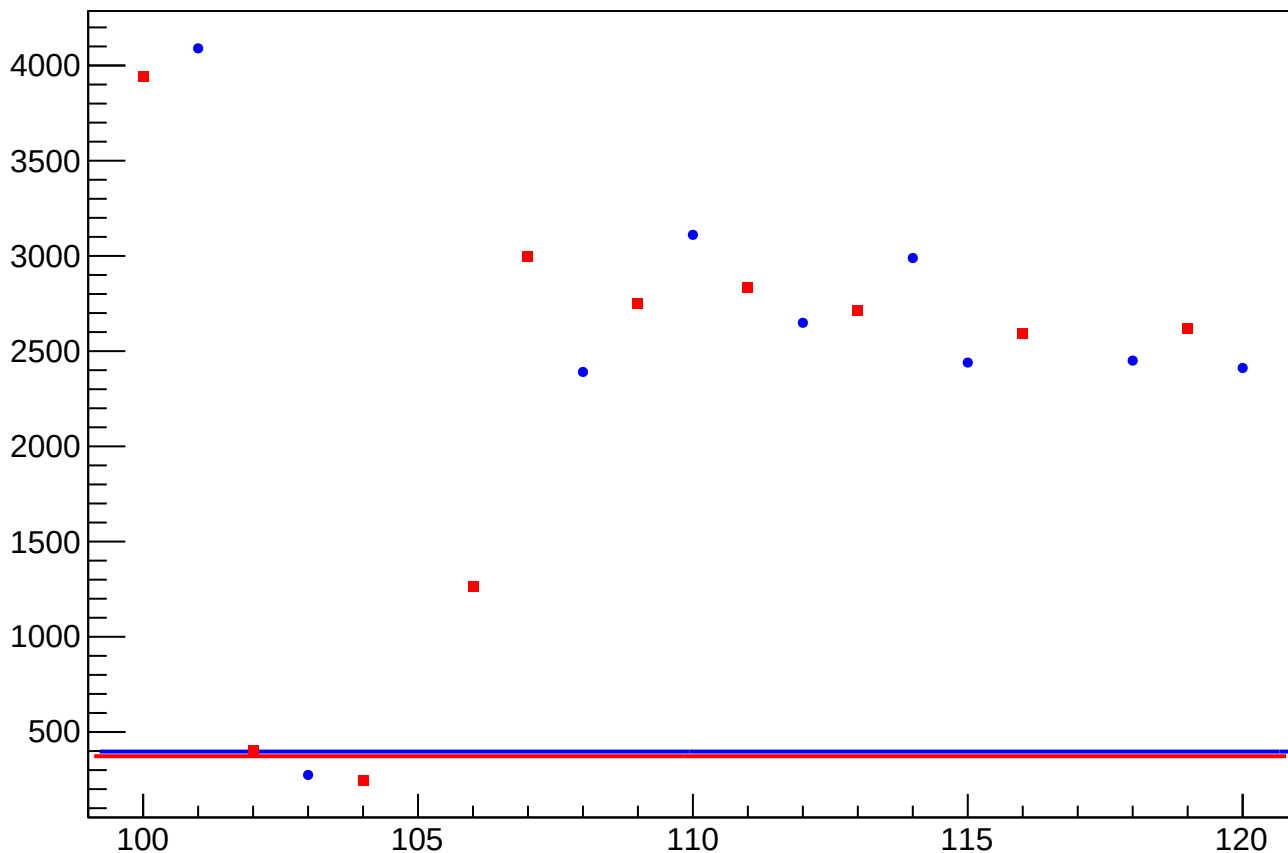
Right: -104.202+/-238.569 χ^2/NDF : 18.7/18

In: -20.775+/-353.010 χ^2/NDF :9.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -104.202+/-238.569 χ^2/NDF : 18.7/18

asym_us_avg_atlr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 397.246+/-0.250 χ^2/NDF : 4755207.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 372.833+/-0.229 χ^2/NDF : 4400897.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

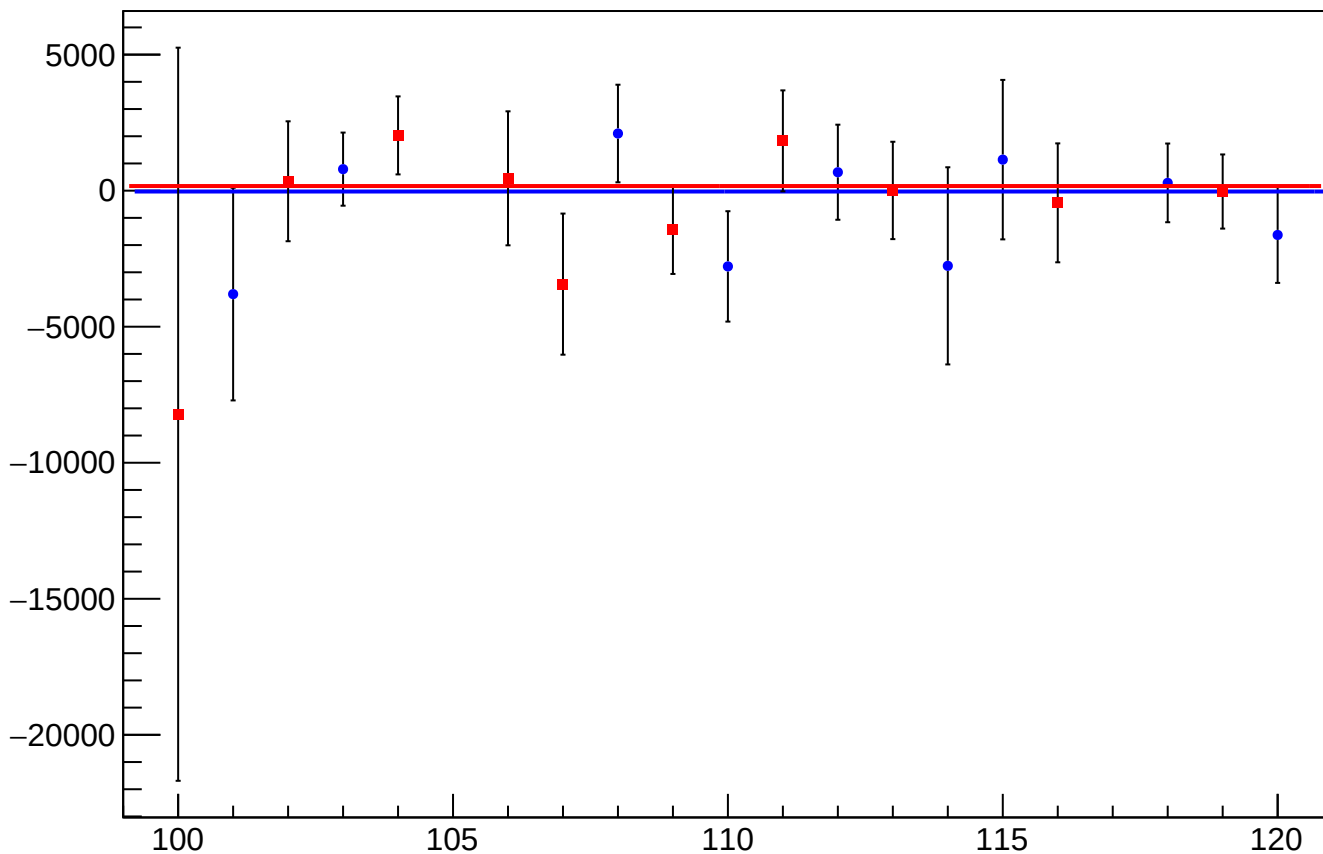
Right: 383.983+/-0.169 χ^2/NDF : 9161301.4/18

In: 397.246+/-0.250 χ^2/NDF :4755207.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 383.983+/-0.169 χ^2/NDF : 9161301.4/18

eigen_cor_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -30.998 ± 633.220 χ^2/NDF : 6.3/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 170.076 ± 604.391 χ^2/NDF : 5.9/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

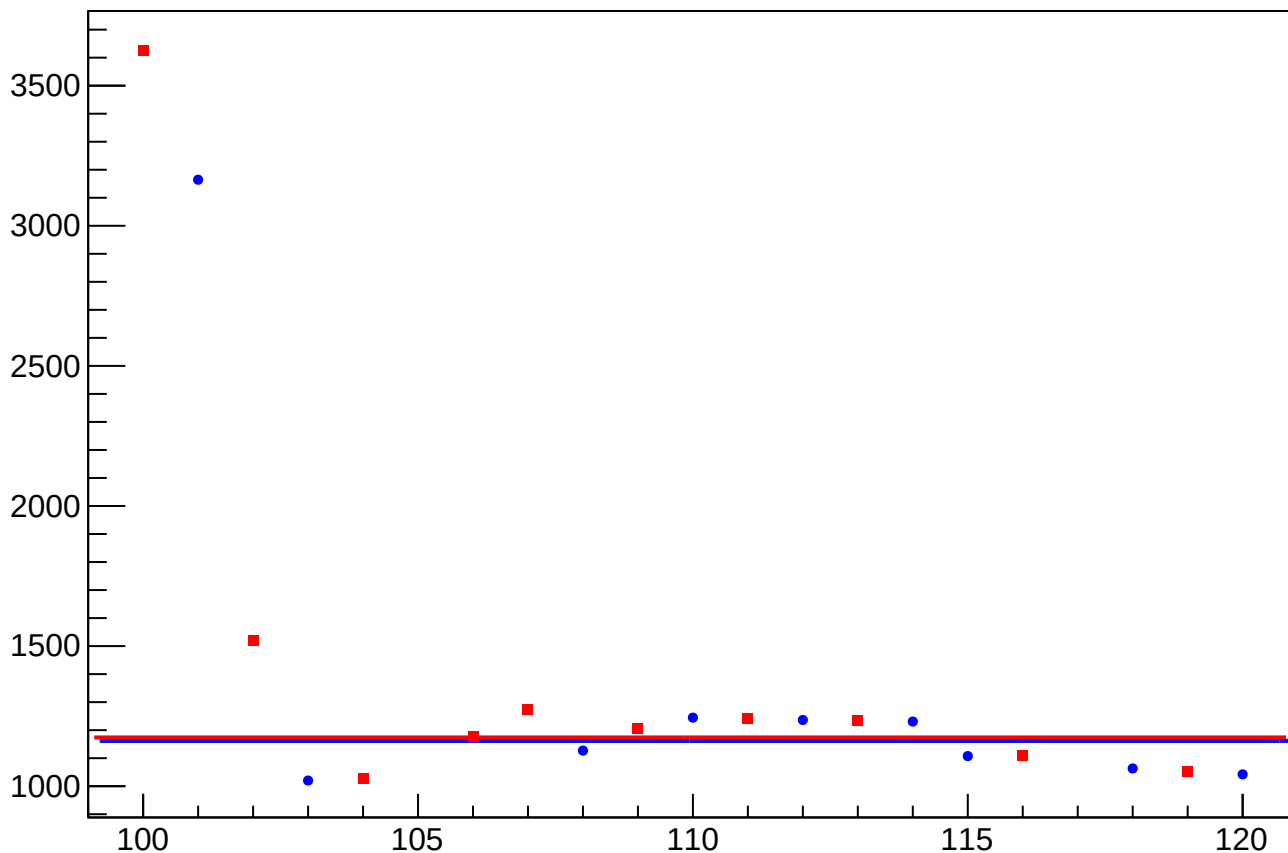
Right: 74.220 ± 437.206 χ^2/NDF : 12.3/18

In: -30.998 ± 633.220 χ^2/NDF : 6.3/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 74.220 ± 437.206 χ^2/NDF : 12.3/18

eigen_cor_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1161.726+/-0.448 χ^2/NDF : 575170.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1174.074+/-0.427 χ^2/NDF : 163183.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

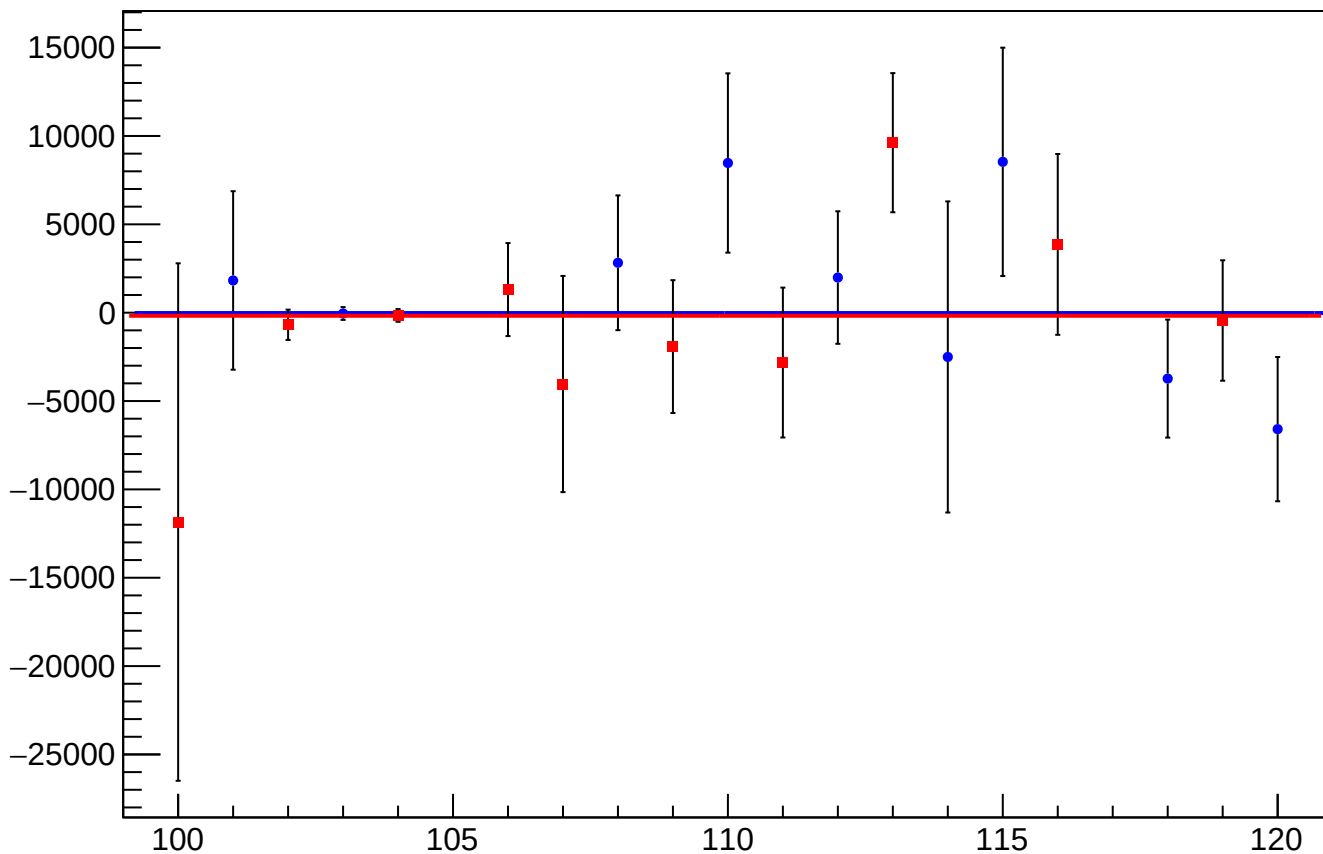
Right: 1168.195+/-0.309 χ^2/NDF : 738751.7/18

In: 1161.726+/-0.448 χ^2/NDF : 575170.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1168.195+/-0.309 χ^2/NDF : 738751.7/18

asym_us_avg_atlr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -20.775+/-353.010 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -174.338+/-323.671 χ^2/NDF : 9.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

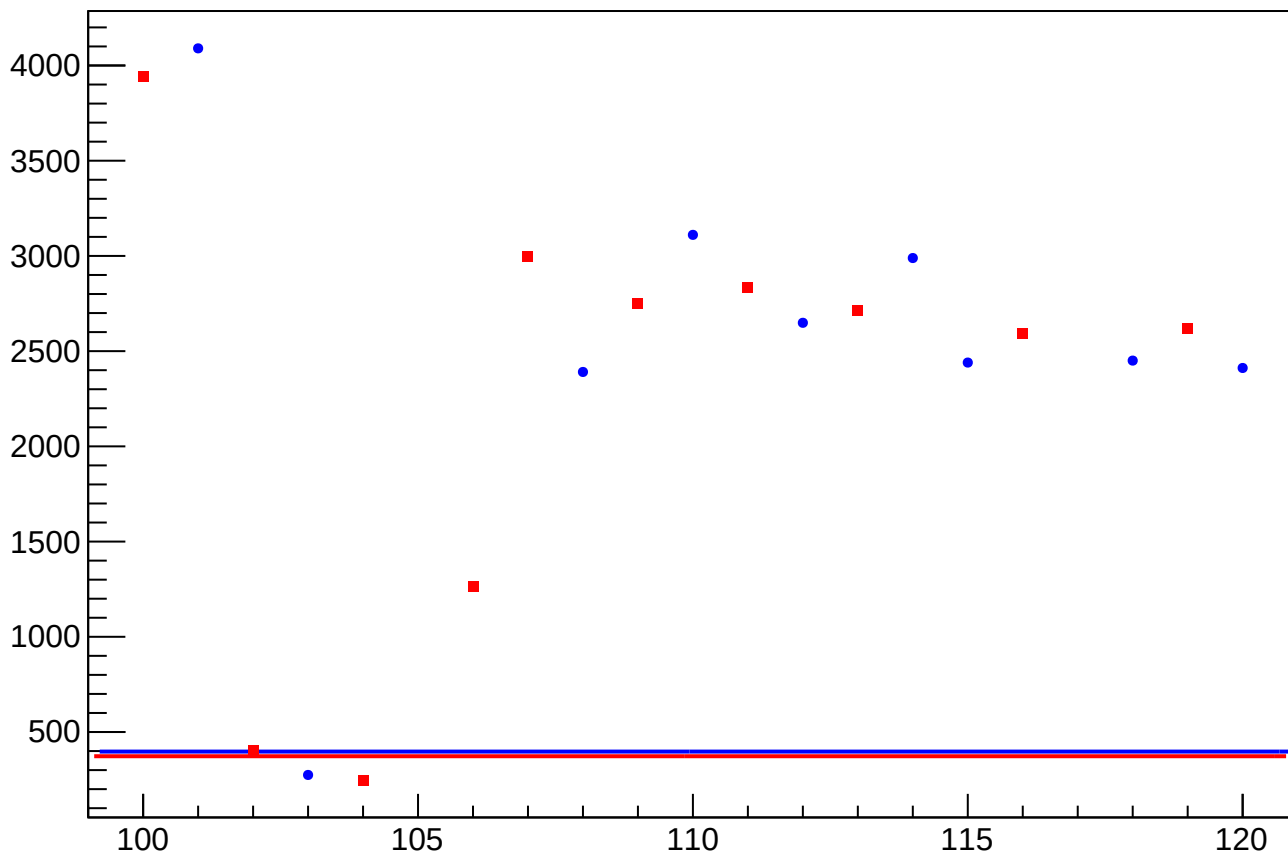
Right: -104.202+/-238.569 χ^2/NDF : 18.7/18

In: -20.775+/-353.010 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -104.202+/-238.569 χ^2/NDF : 18.7/18

asym_us_avg_atlr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 397.246+/-0.250 χ^2/NDF : 4755207.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 372.833+/-0.229 χ^2/NDF : 4400897.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

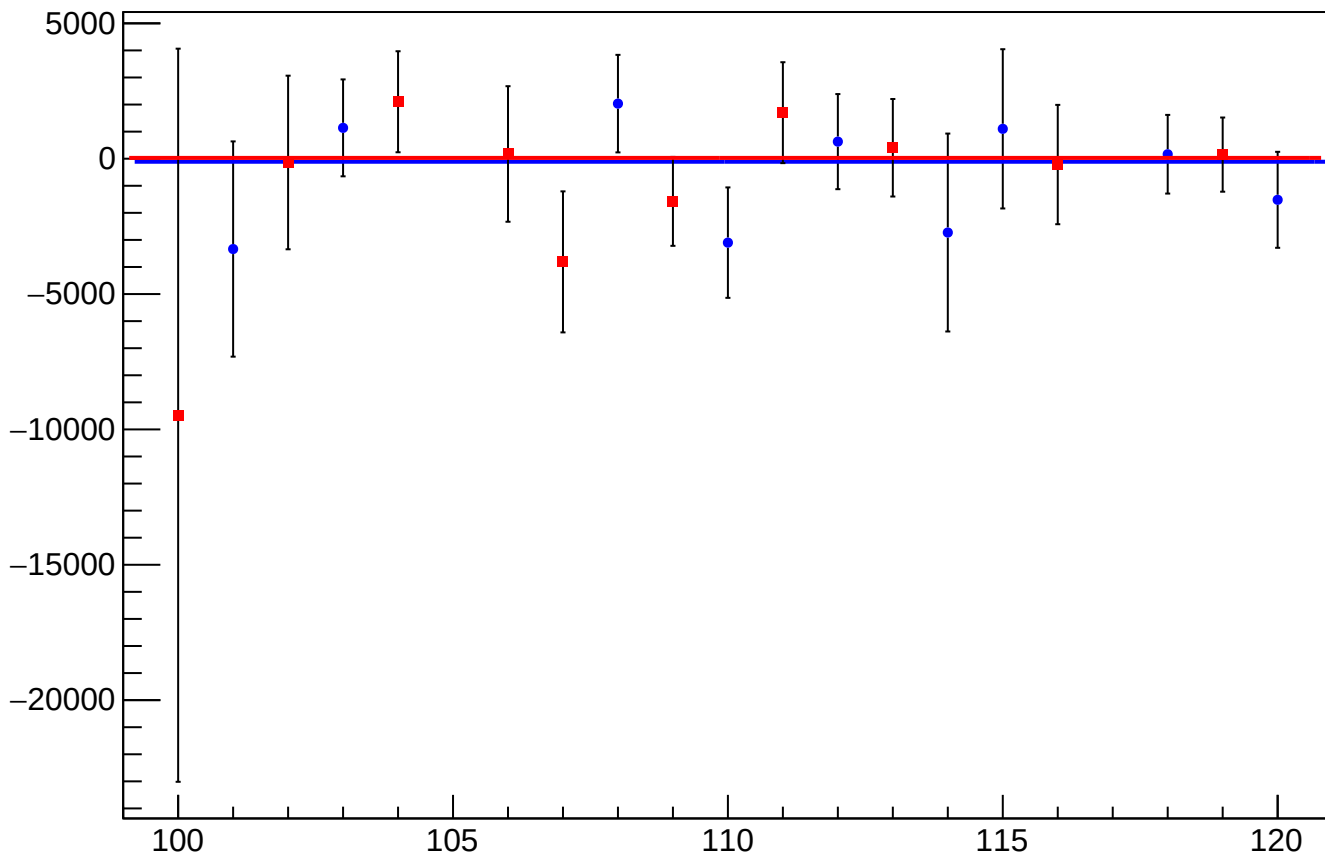
Right: 383.983+/-0.169 χ^2/NDF : 9161301.4/18

In: 397.246+/-0.250 χ^2/NDF :4755207.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 383.983+/-0.169 χ^2/NDF : 9161301.4/18

dit_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -112.580+/-669.597 χ^2/NDF : 6.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.530+/-645.174 χ^2/NDF : 5.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

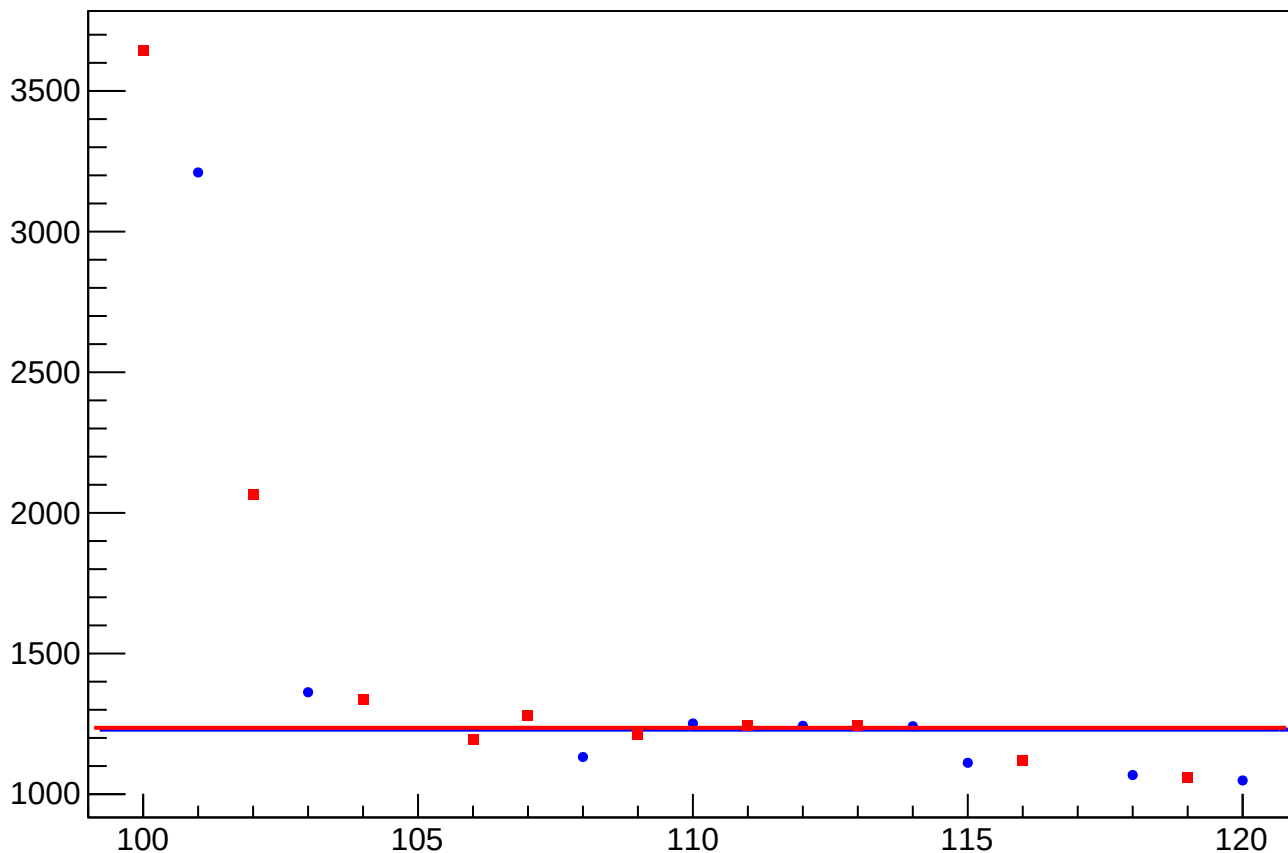
Right: -38.886+/-464.601 χ^2/NDF : 12.0/18

In: -112.580+/-669.597 χ^2/NDF : 6.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.886+/-464.601 χ^2/NDF : 12.0/18

dit_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1229.430+/-0.473 χ^2/NDF : 562326.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1236.030+/-0.456 χ^2/NDF : 244207.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

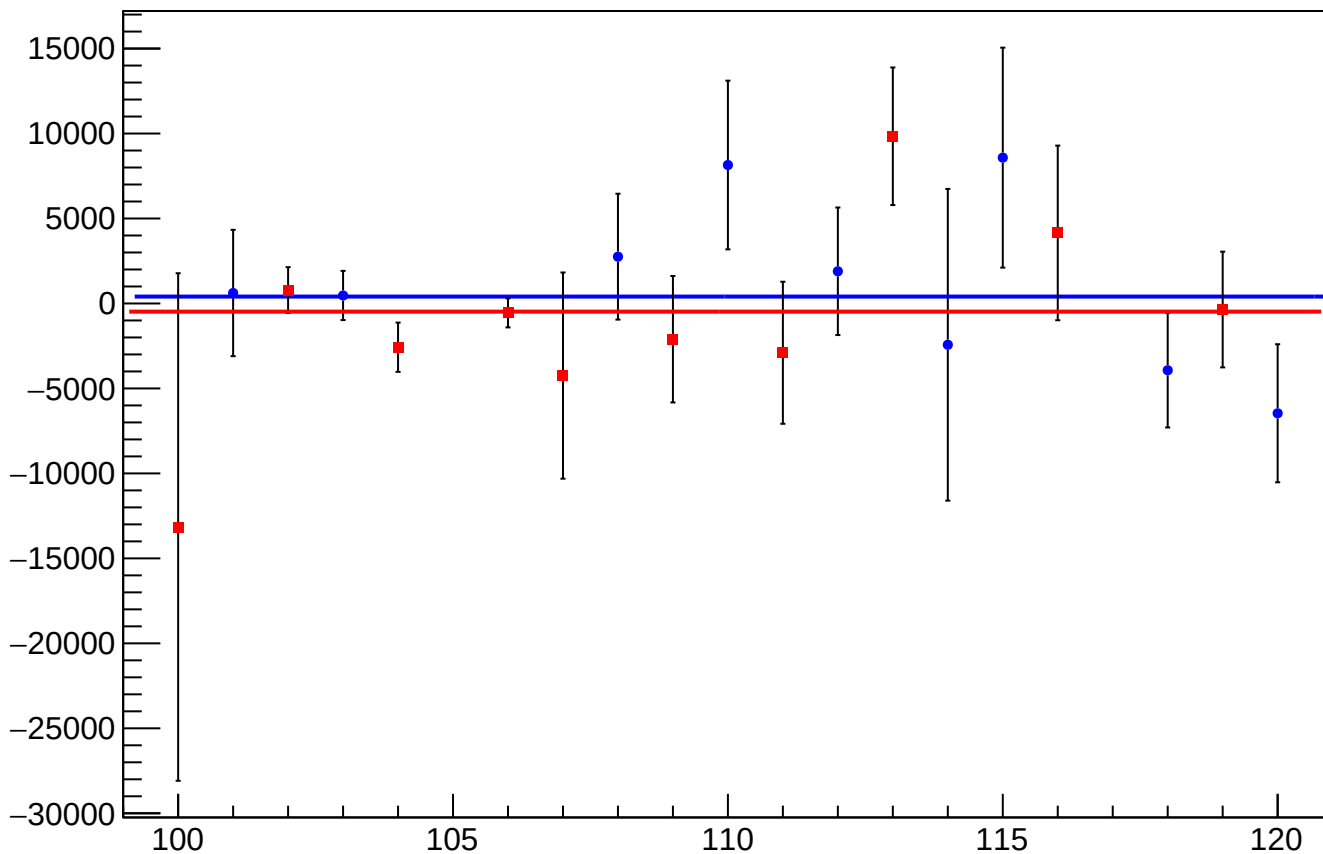
Right: 1232.856+/-0.328 χ^2/NDF : 806634.6/18

In: 1229.430+/-0.473 χ^2/NDF : 562326.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1232.856+/-0.328 χ^2/NDF : 806634.6/18

asym_us_avg_atlr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 406.053+/-1043.305 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -479.807+/-603.545 χ^2/NDF : 11.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

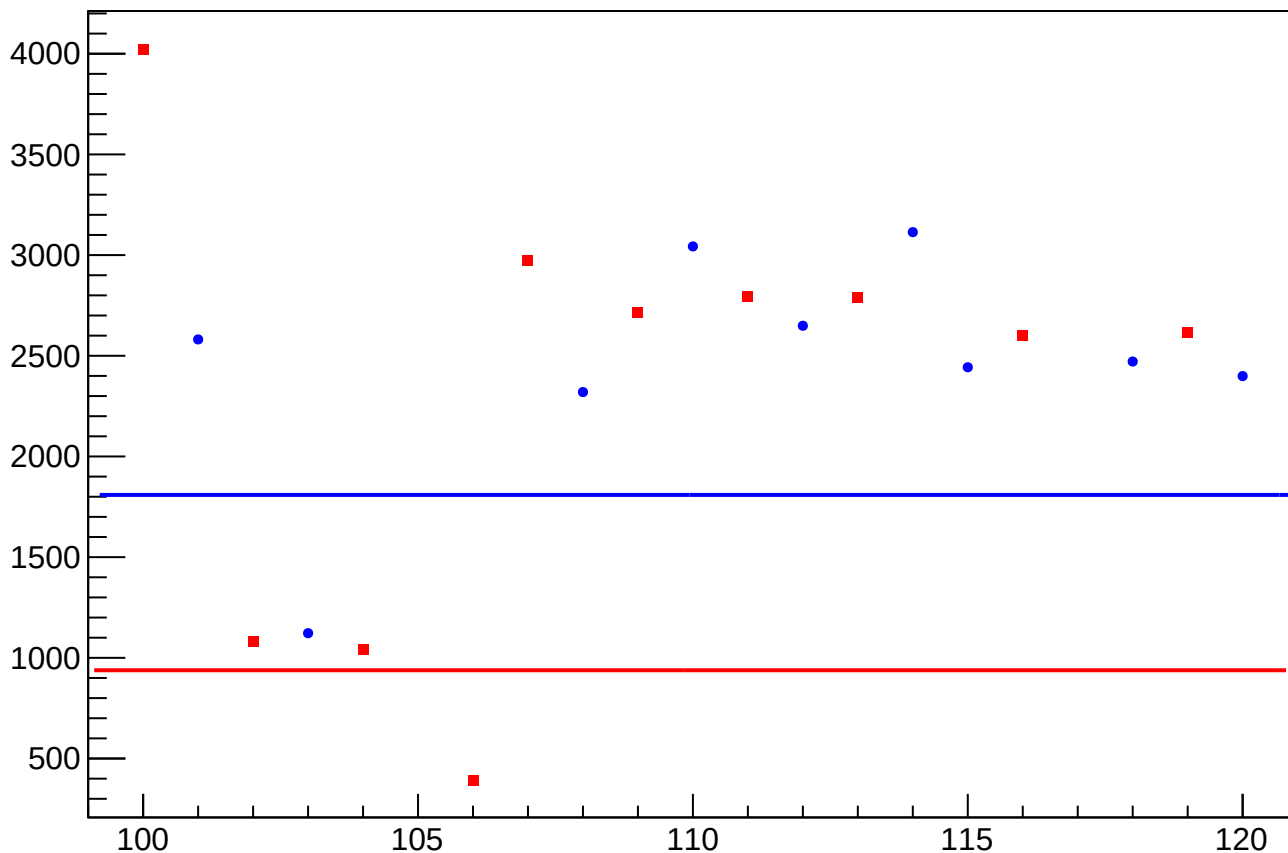
Right: -257.684+/-522.426 χ^2/NDF : 21.7/18

In: 406.053+/-1043.305 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -257.684+/-522.426 χ^2/NDF : 21.7/18

asym_us_avg_atlr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1809.127+/-0.738 χ^2/NDF : 977438.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 938.308+/-0.427 χ^2/NDF : 3130354.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

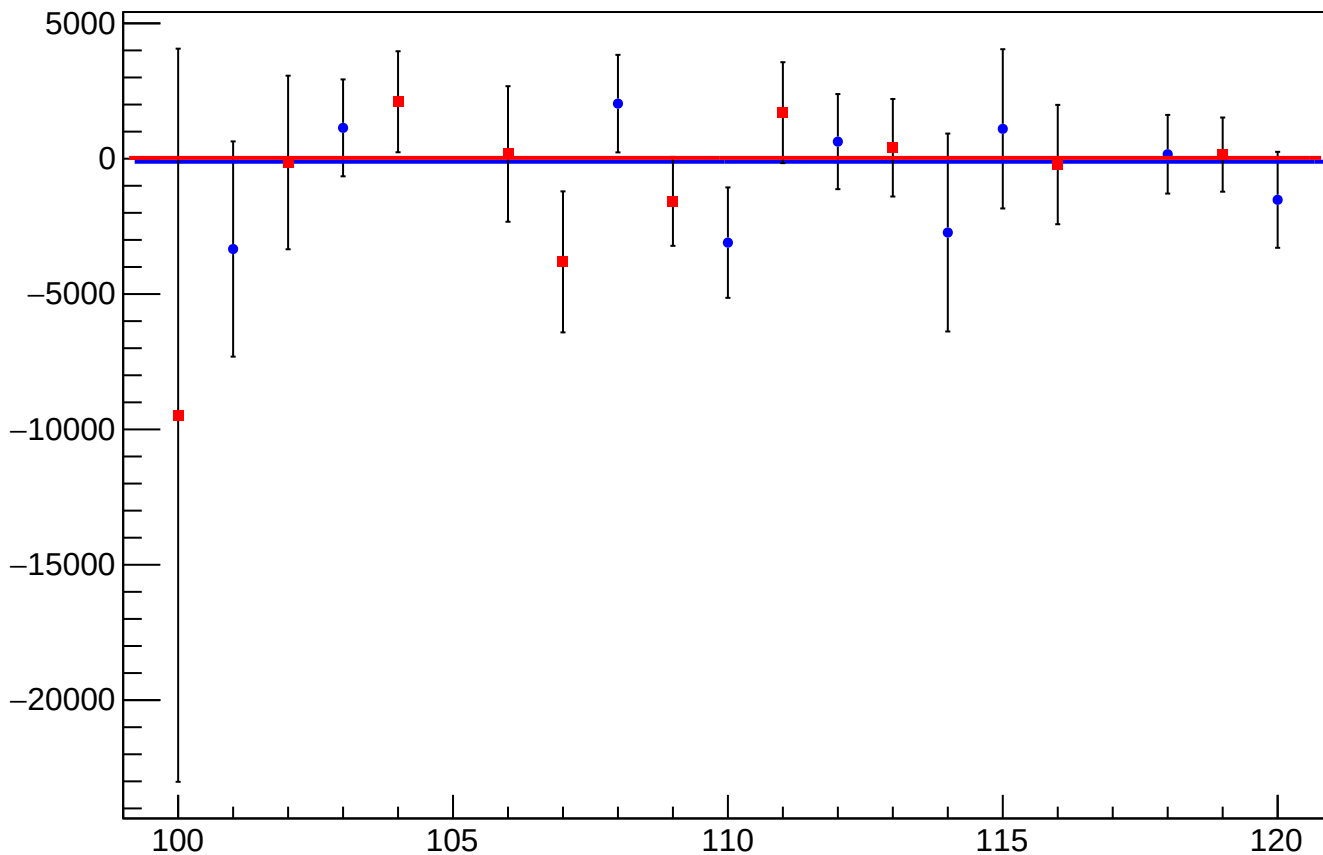
Right: 1156.659+/-0.369 χ^2/NDF : 5151780.2/18

In: 1809.127+/-0.738 χ^2/NDF : 977438.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1156.659+/-0.369 χ^2/NDF : 5151780.2/18

eigen_dit_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -112.577+/-669.597 χ^2/NDF : 6.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.525+/-645.174 χ^2/NDF : 5.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

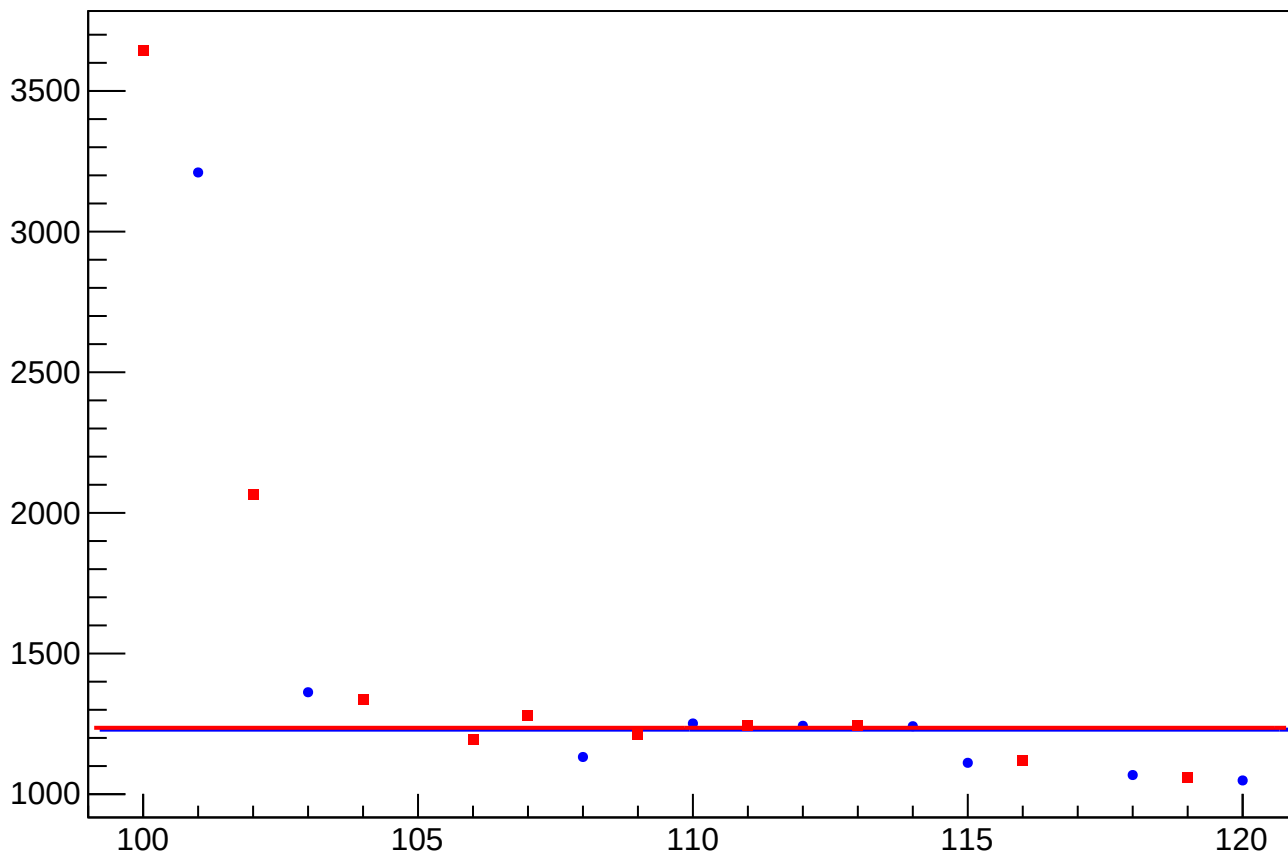
Right: -38.887+/-464.601 χ^2/NDF : 12.0/18

In: -112.577+/-669.597 χ^2/NDF : 6.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.887+/-464.601 χ^2/NDF : 12.0/18

eigen_dit_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1229.430+/-0.473 χ^2/NDF : 562326.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1236.030+/-0.456 χ^2/NDF : 244207.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

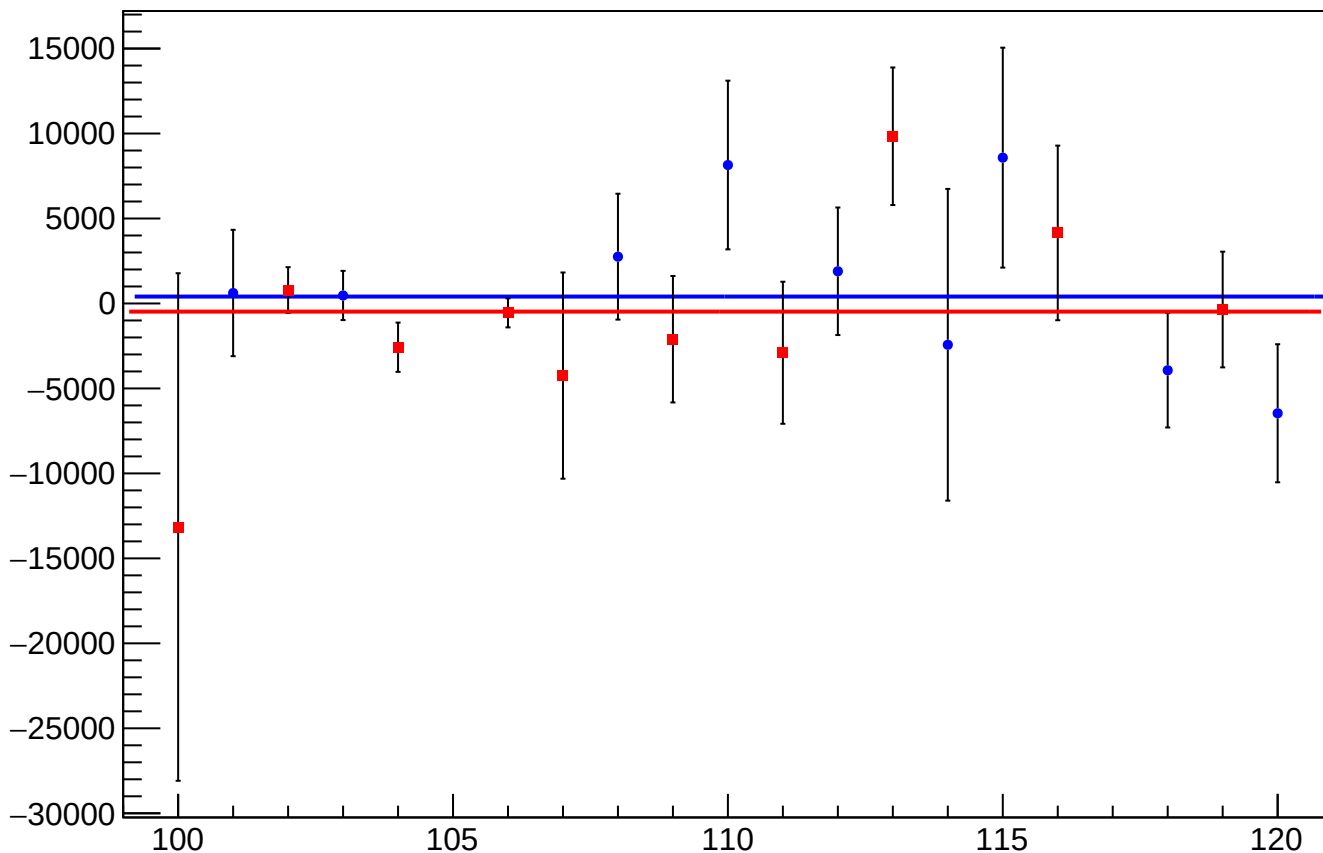
Right: 1232.856+/-0.328 χ^2/NDF : 806634.3/18

In: 1229.430+/-0.473 χ^2/NDF : 562326.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1232.856+/-0.328 χ^2/NDF : 806634.3/18

asym_us_avg_atlr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 406.049+/-1043.304 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -479.806+/-603.537 χ^2/NDF : 11.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

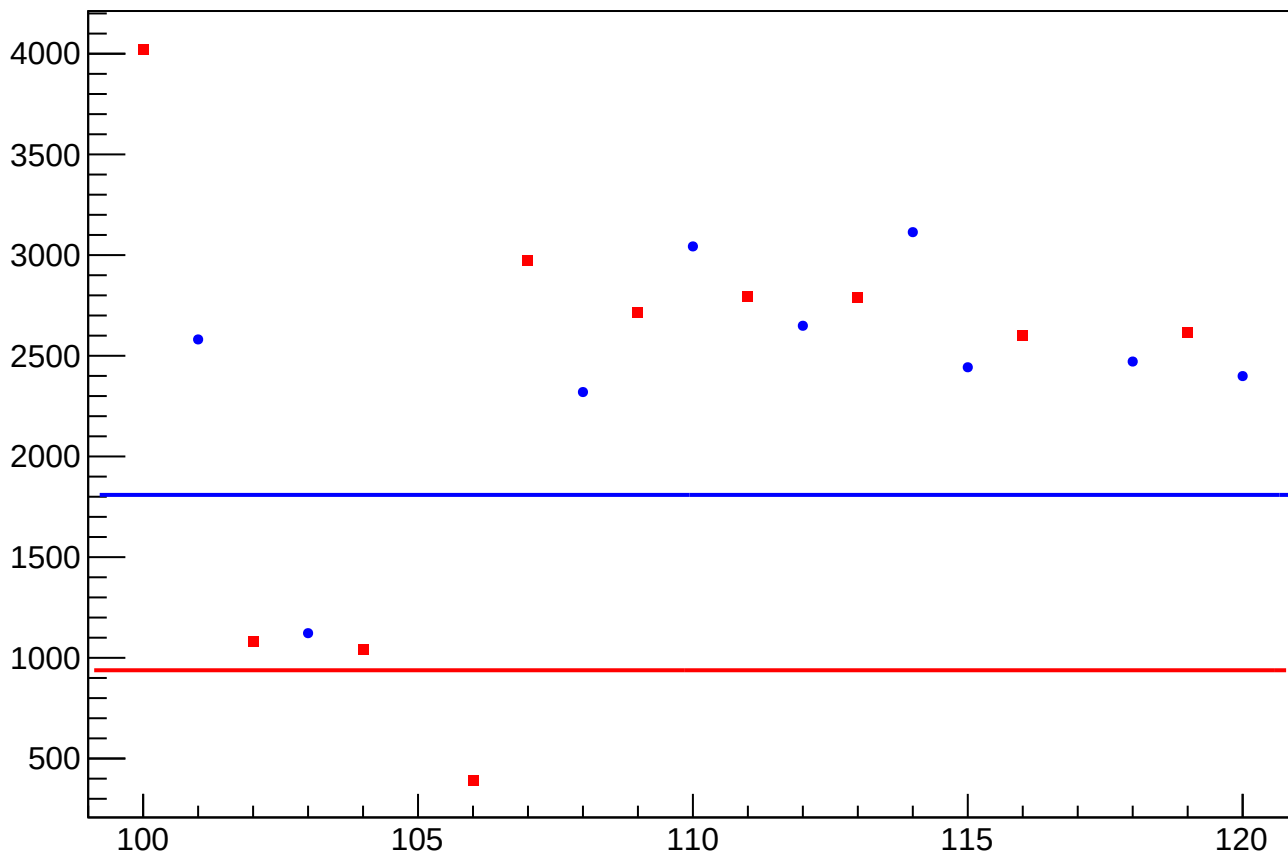
Right: -257.689+/-522.421 χ^2/NDF : 21.7/18

In: 406.049+/-1043.304 χ^2/NDF :9.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -257.689+/-522.421 χ^2/NDF : 21.7/18

asym_us_avg_atlr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1809.125+/-0.738 χ^2/NDF : 977434.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 938.288+/-0.427 χ^2/NDF : 3130428.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

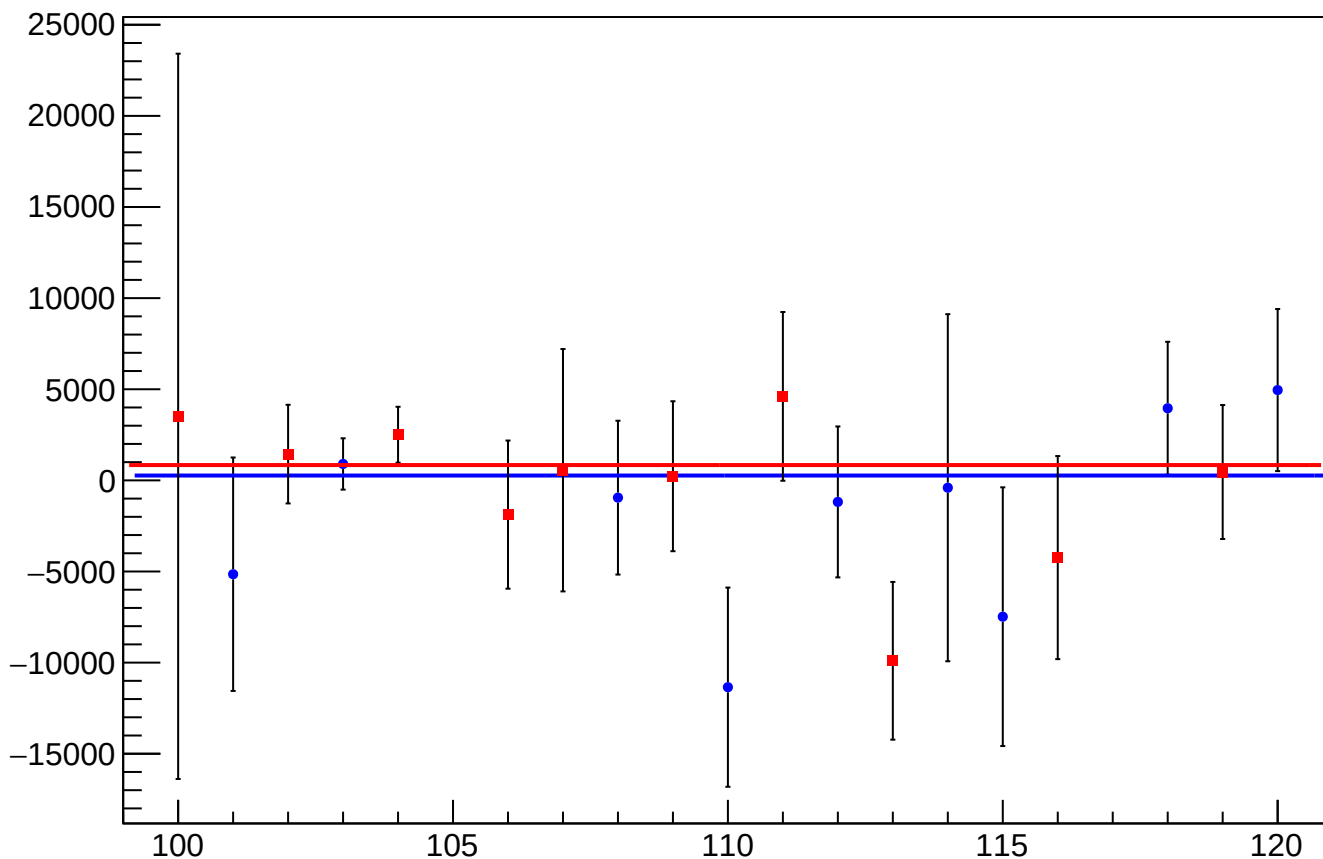
Right: 1156.640+/-0.369 χ^2/NDF : 5151902.2/18

In: 1809.125+/-0.738 χ^2/NDF : 977434.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1156.640+/-0.369 χ^2/NDF : 5151902.2/18

asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 266.071+/-1095.716 χ^2/NDF : 9.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 840.349+/-1046.688 χ^2/NDF : 9.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

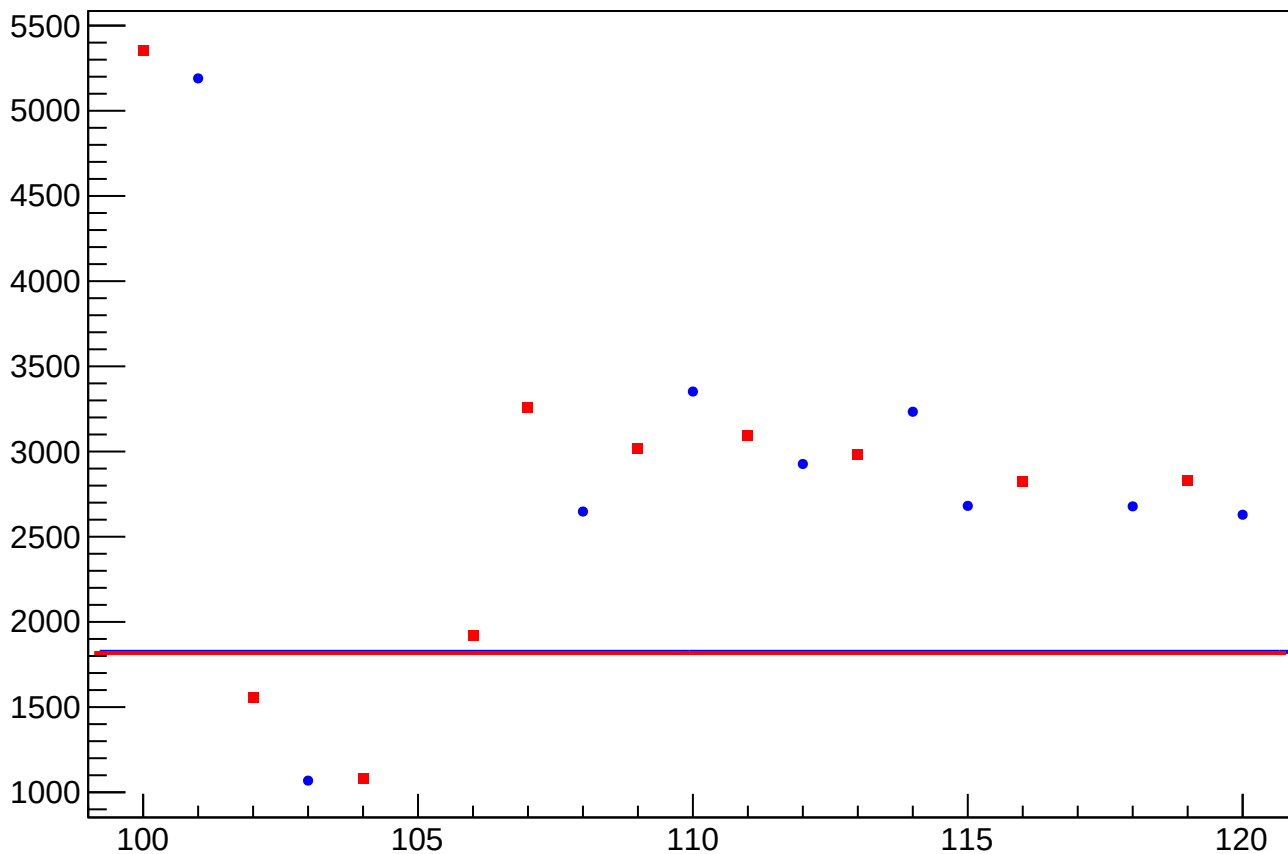
Right: 566.345+/-756.859 χ^2/NDF : 18.5/18

In: 266.071+/-1095.716 χ^2/NDF : 9.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 566.345+/-756.859 χ^2/NDF : 18.5/18

asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1824.565+/-0.775 χ^2/NDF : 1750432.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1817.672+/-0.738 χ^2/NDF : 1321230.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

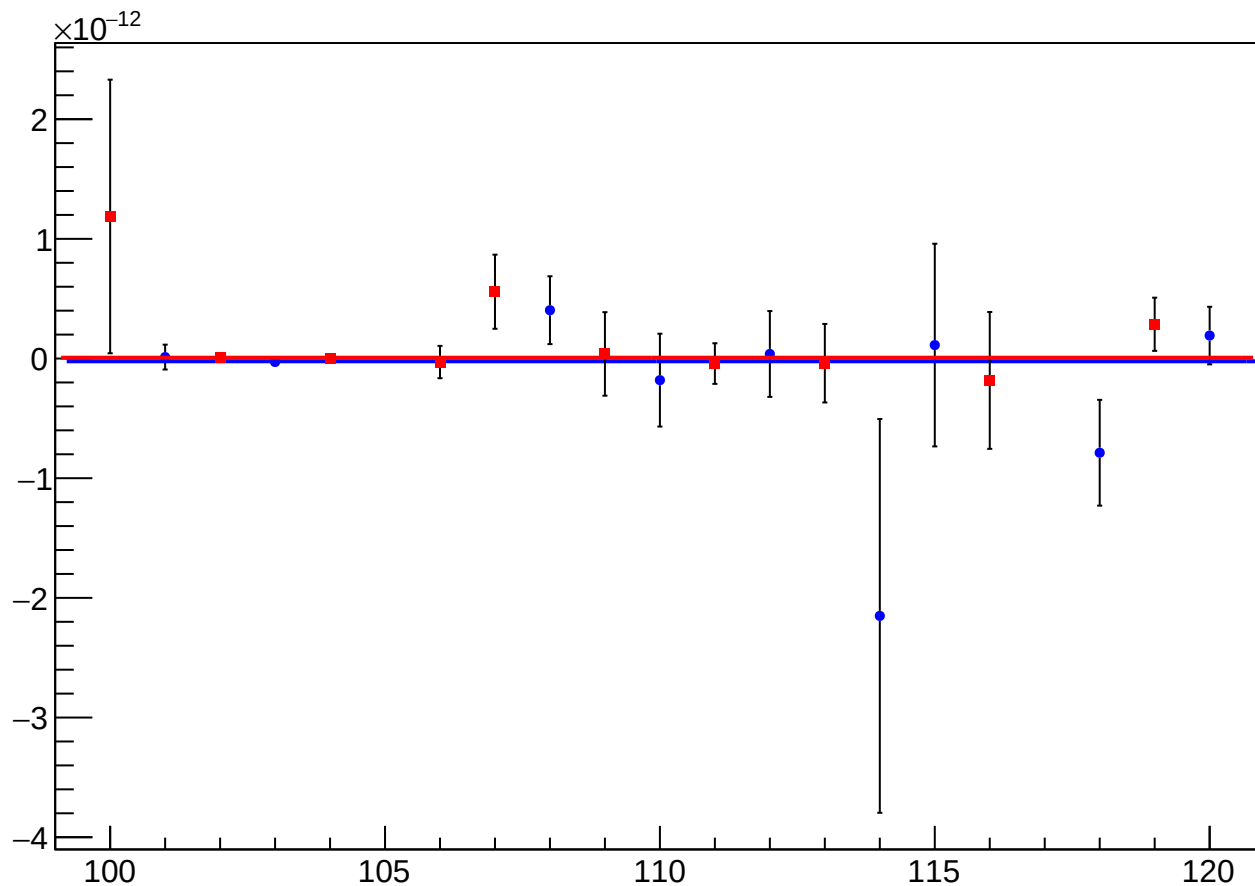
Right: 1820.950+/-0.534 χ^2/NDF : 3071704.8/18

In: 1824.565+/-0.775 χ^2/NDF : 1750432.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1820.950+/-0.534 χ^2/NDF : 3071704.8/18

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

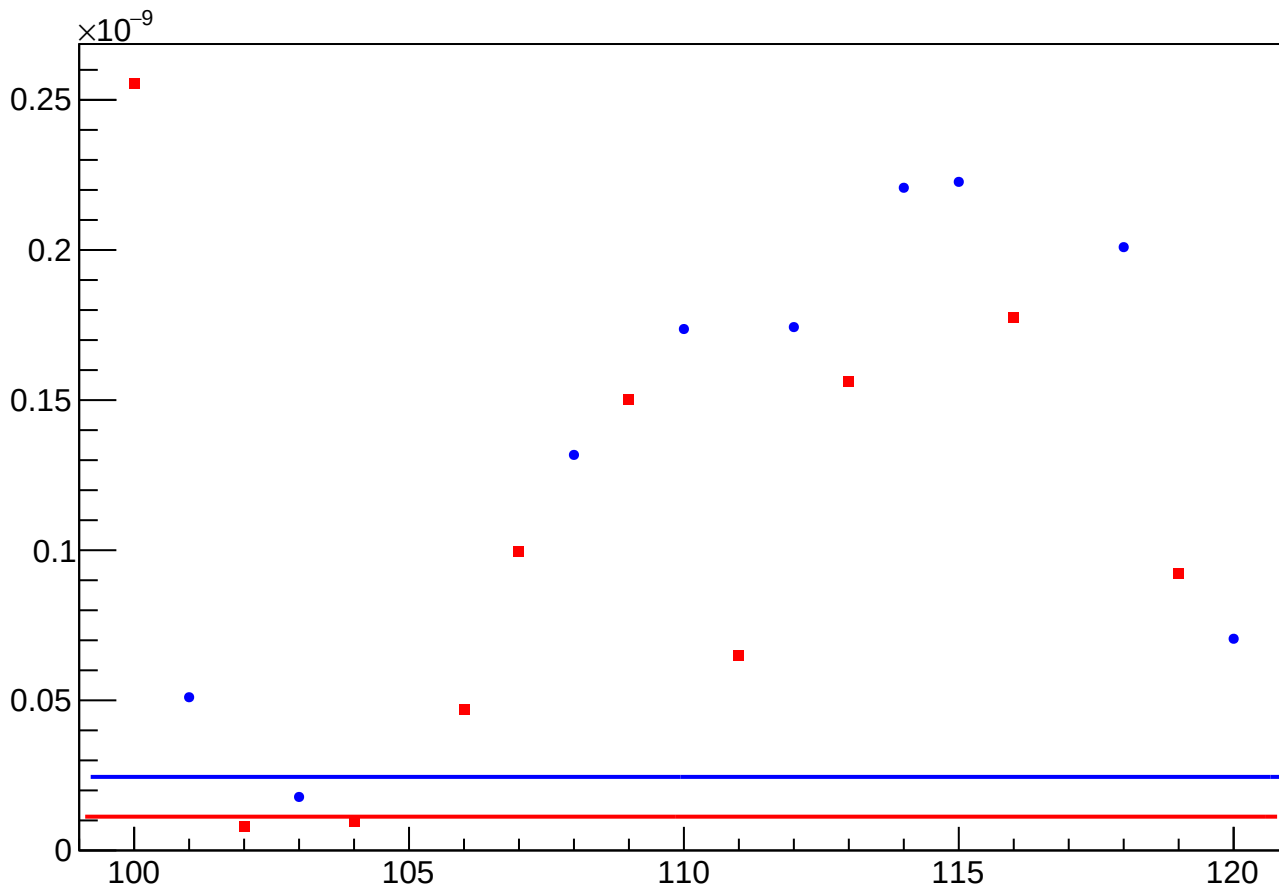
Right: -0.000+/-0.000 χ^2/NDF : 15.2/18

In: -0.000+/-0.000 χ^2/NDF : 8.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.2/18

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1698352.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1781671.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

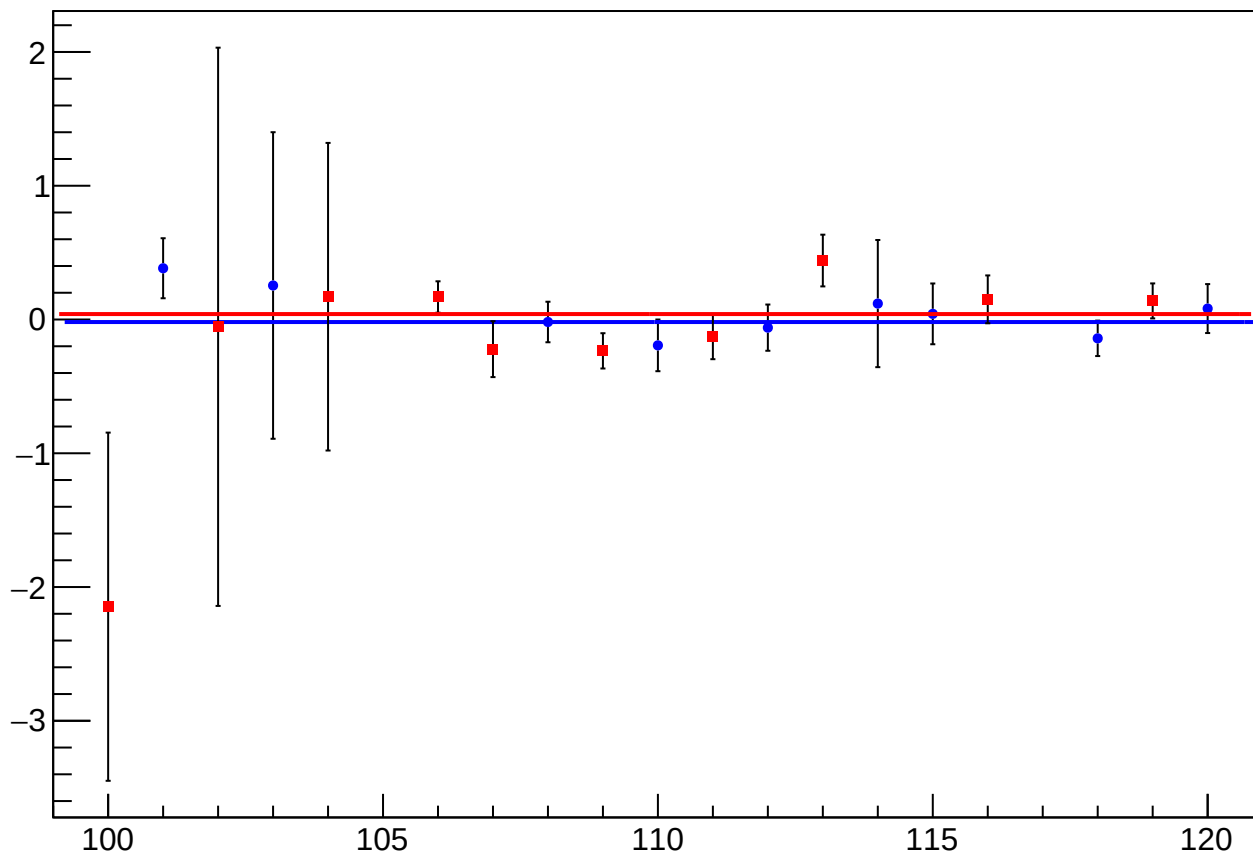
Right: 0.000+/-0.000 χ^2/NDF : 3840599.5/18

In: 0.000+/-0.000 χ^2/NDF : 1698352.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3840599.5/18

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.019+/-0.065 χ^2/NDF : 5.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.041+/-0.057 χ^2/NDF : 16.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

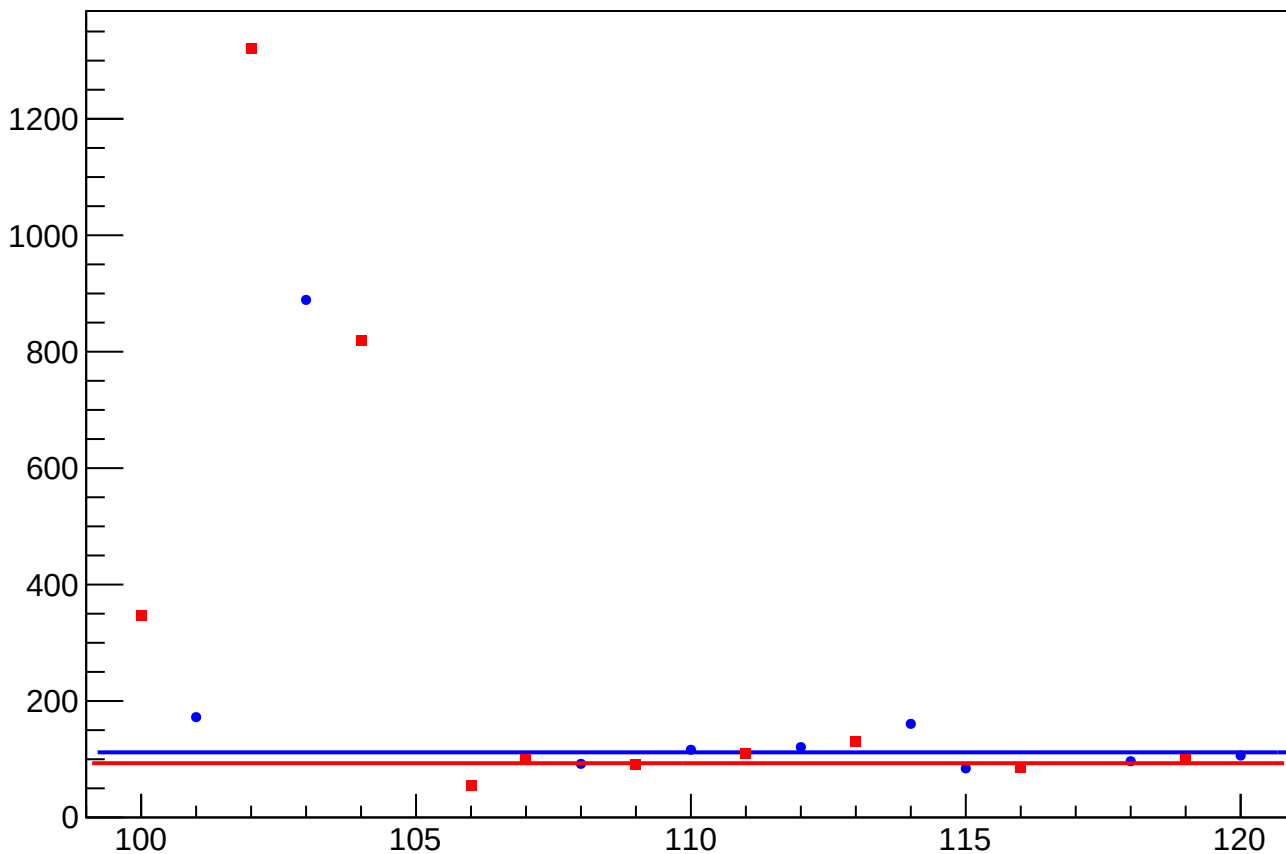
Right: 0.015+/-0.043 χ^2/NDF : 22.1/18

In: -0.019+/-0.065 χ^2/NDF :5.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.043 χ^2/NDF : 22.1/18

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 111.845+/-0.046 χ^2/NDF : 1184599.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.186+/-0.040 χ^2/NDF : 1881938.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

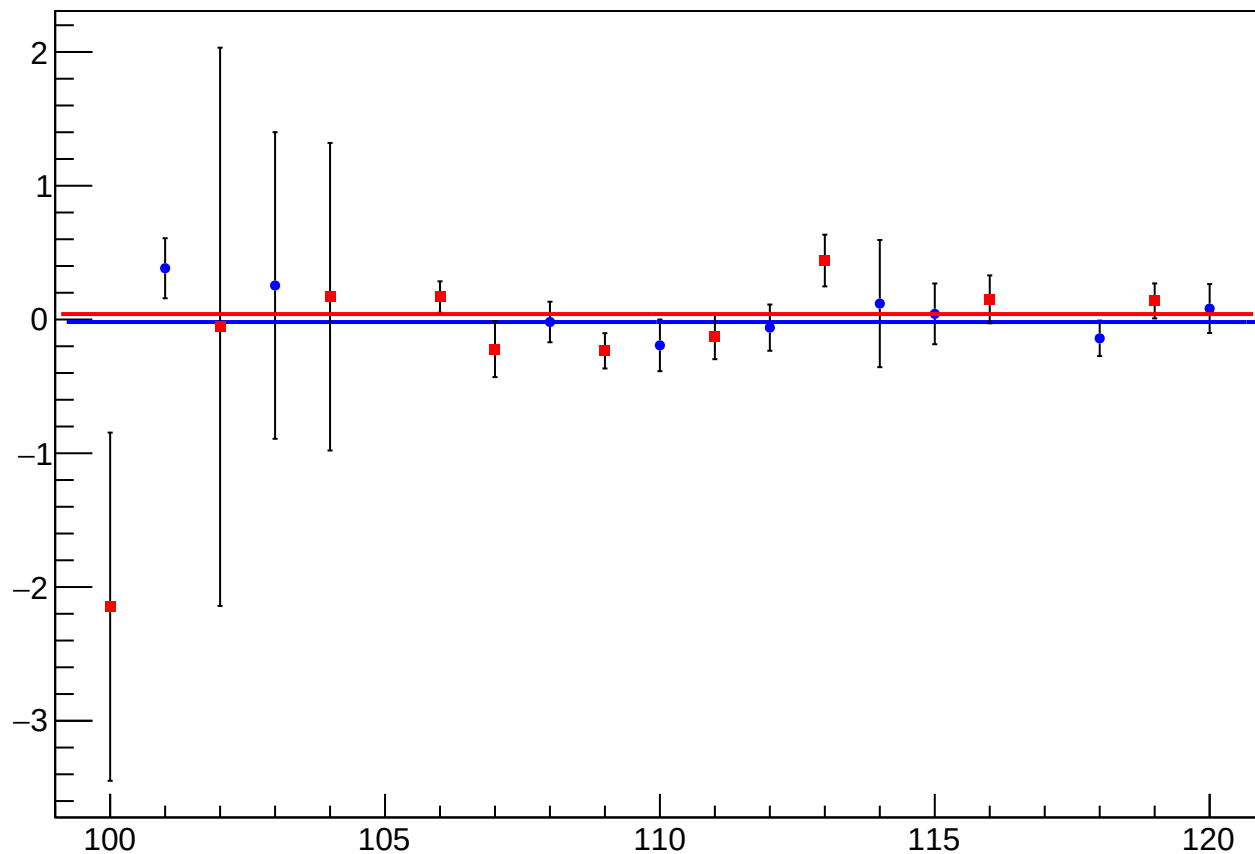
Right: 101.278+/-0.030 χ^2/NDF : 3159262.4/18

In: 111.845+/-0.046 χ^2/NDF : 1184599.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.278+/-0.030 χ^2/NDF : 3159262.4/18

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.019 ± 0.065 χ^2/NDF : 5.4/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.041 ± 0.057 χ^2/NDF : 16.2/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

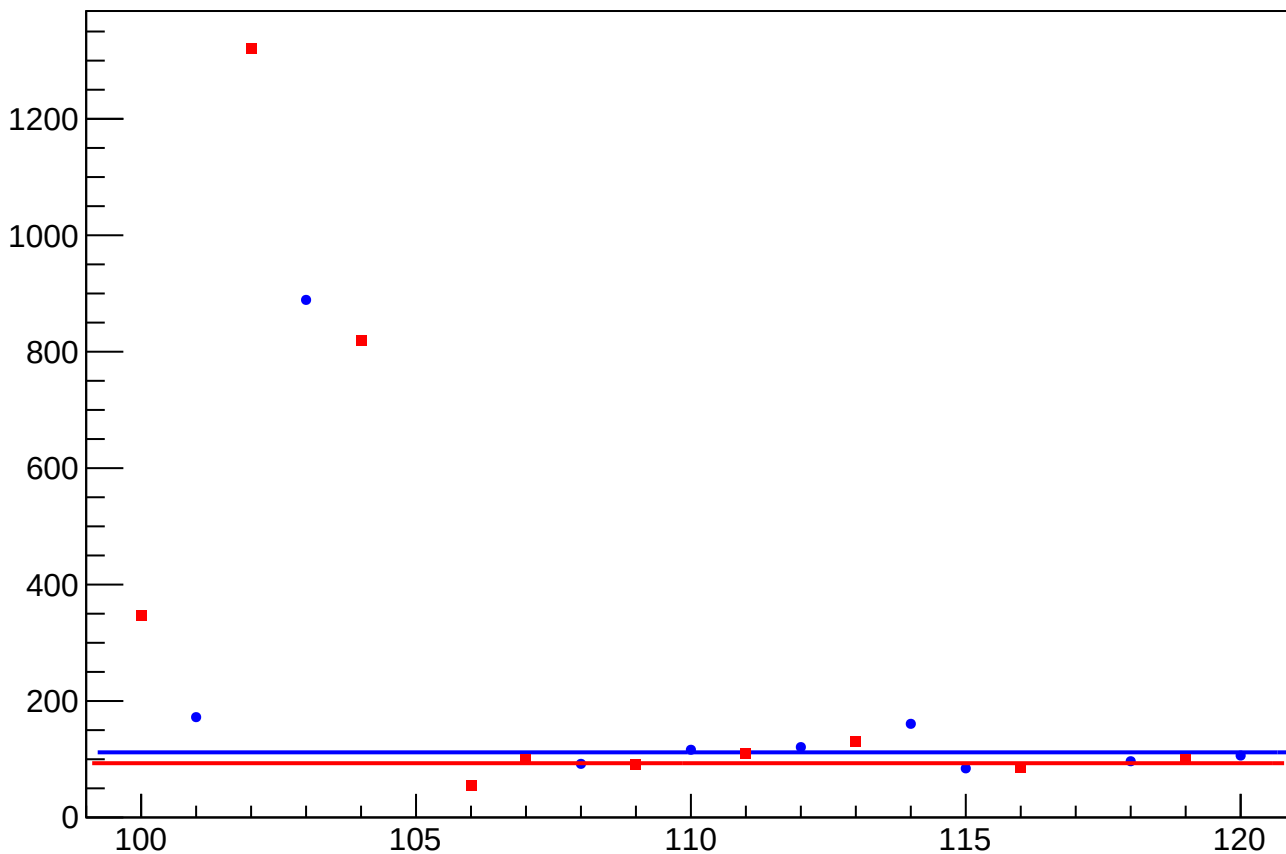
Right: 0.015 ± 0.043 χ^2/NDF : 22.1/18

In: -0.019 ± 0.065 χ^2/NDF : 5.4/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.015 ± 0.043 χ^2/NDF : 22.1/18

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 111.845+/-0.046 χ^2/NDF : 1184599.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.186+/-0.040 χ^2/NDF : 1881938.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

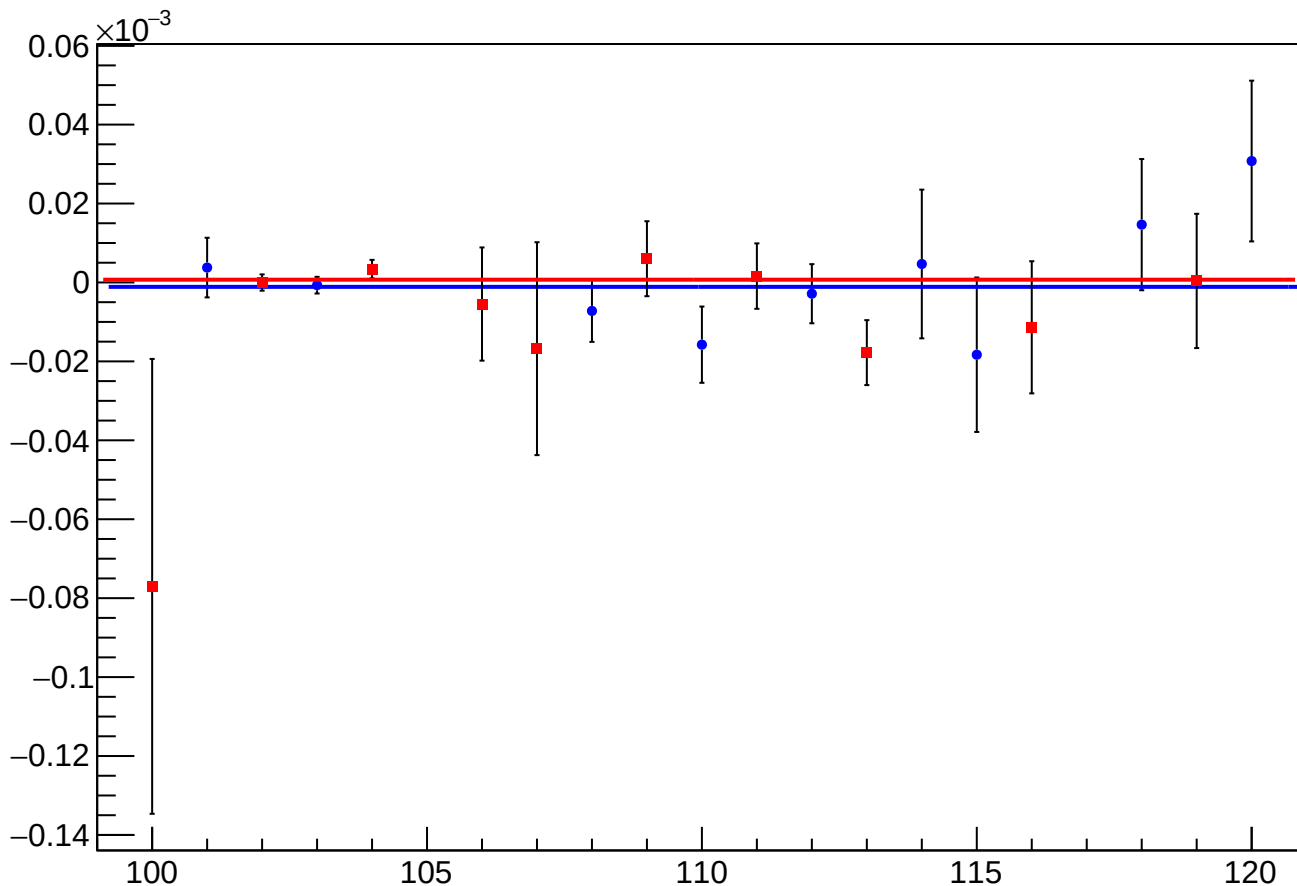
Right: 101.278+/-0.030 χ^2/NDF : 3159262.4/18

In: 111.845+/-0.046 χ^2/NDF : 1184599.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.278+/-0.030 χ^2/NDF : 3159262.4/18

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 : 7.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

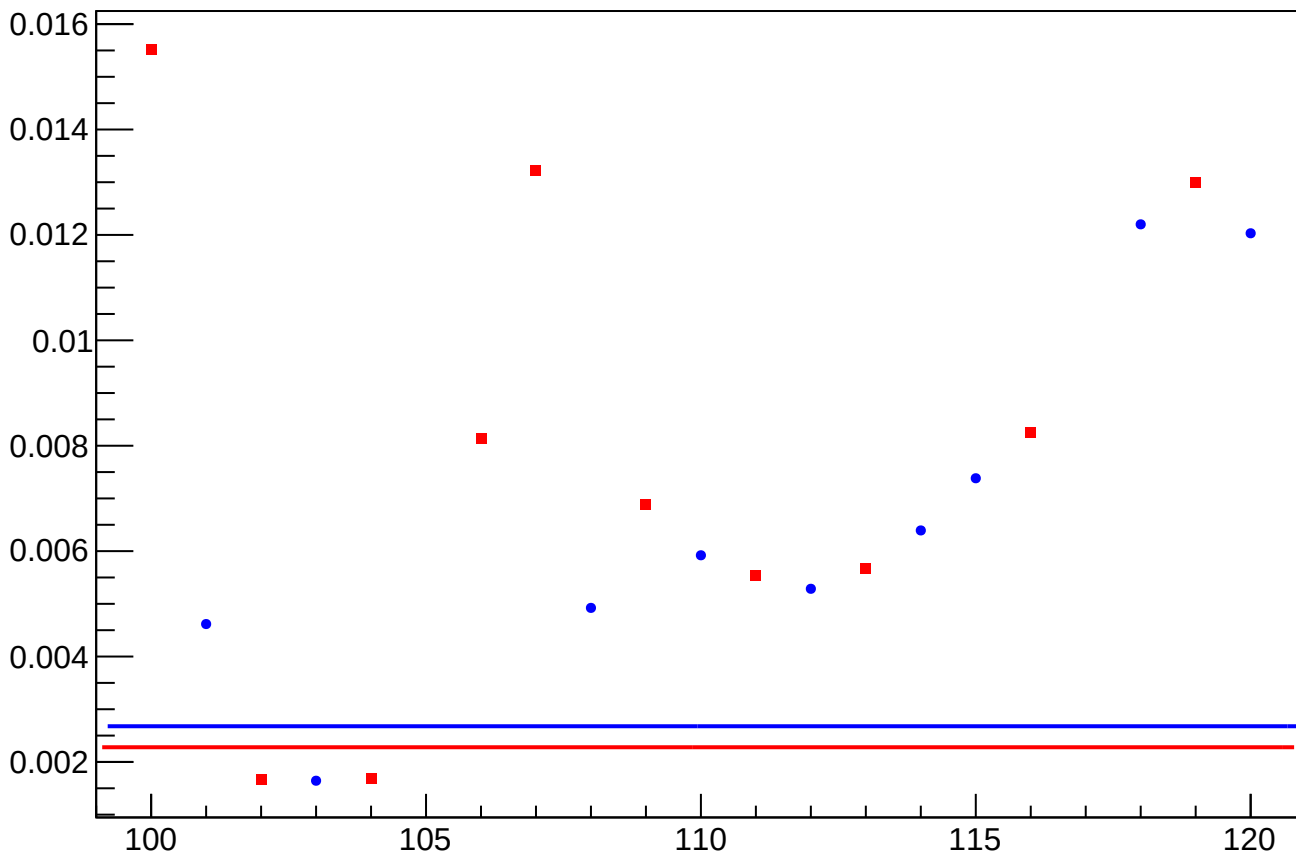
Right: -0.000+/-0.000 χ^2/NDF : 18.0/18

In: -0.000+/-0.000 χ^2/NDF : 7.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.0/18

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 : 2513765.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3244904.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

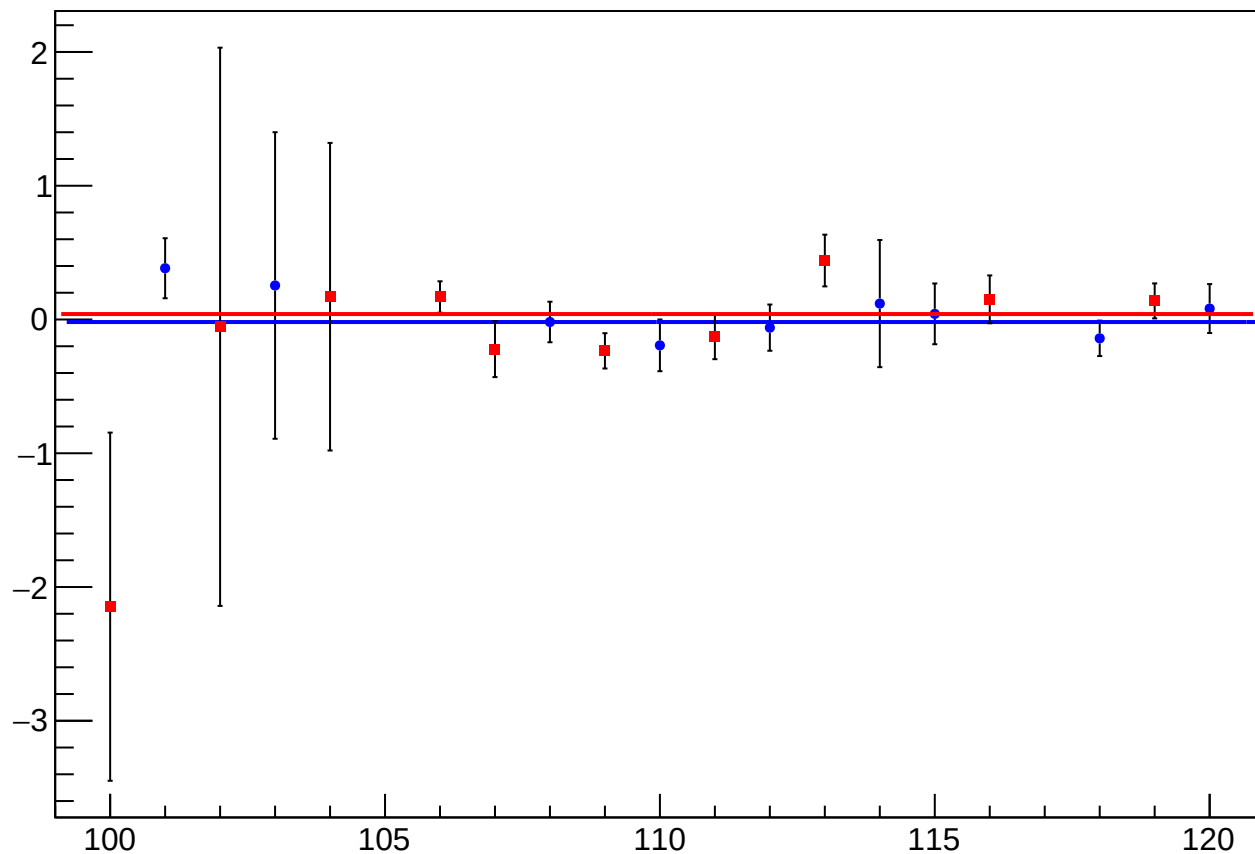
Right: 0.002+/-0.000 χ^2/NDF : 5816664.3/18

In: 0.003+/-0.000 χ^2/NDF : 2513765.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5816664.3/18

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.019±/0.065 χ^2/NDF : 5.4/8

Left Out: 0.000±/0.000 χ^2/NDF :0.0/0

Right Out: 0.041±/0.057 χ^2/NDF : 16.2/9

Left In: 0.000±/0.000 χ^2/NDF :0.0/0

Left: 0.000±/0.000 χ^2/NDF : 0.0/0

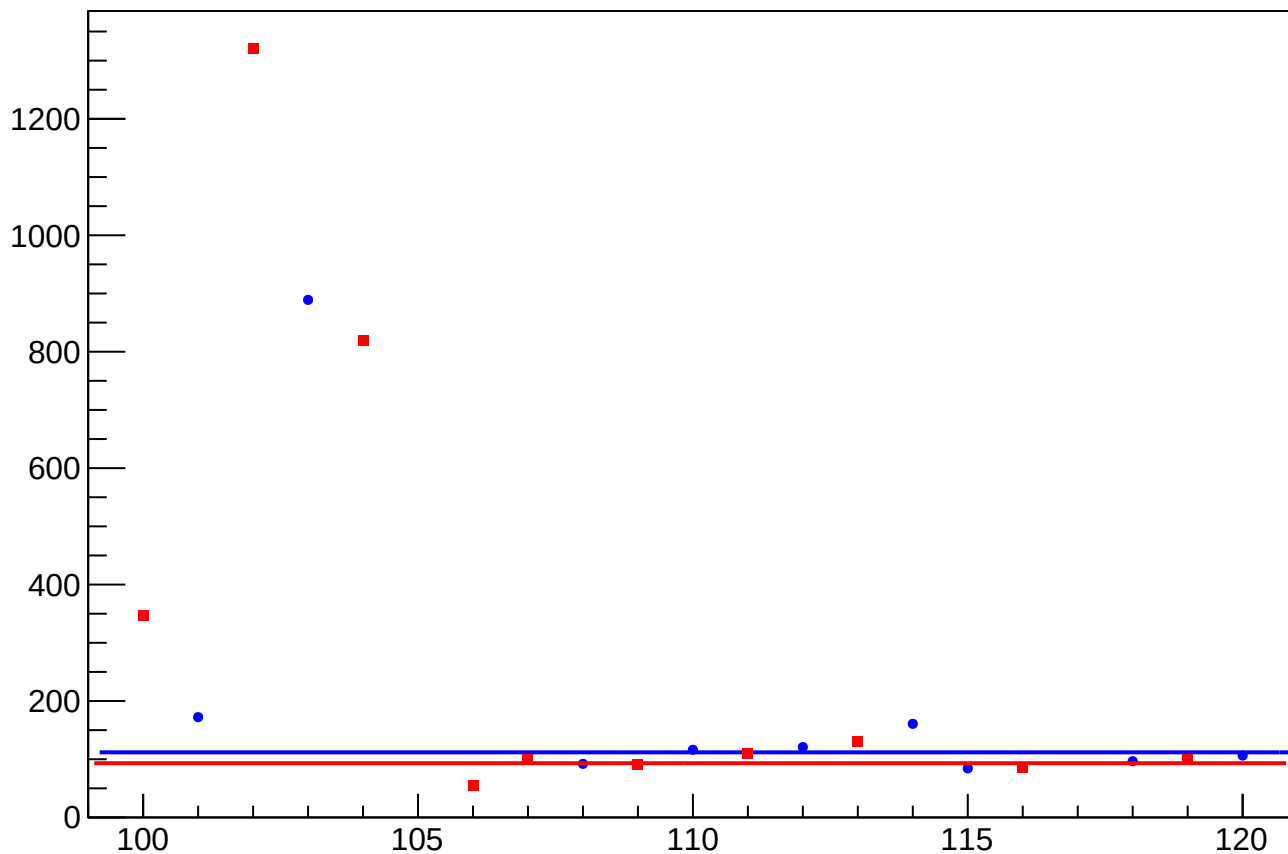
Right: 0.015±/0.043 χ^2/NDF : 22.1/18

In: -0.019±/0.065 χ^2/NDF :5.4/8

Out: 0.000±/0.000 χ^2/NDF :0.0/0

All: 0.015±/0.043 χ^2/NDF : 22.1/18

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 111.846+/-0.046 χ^2/NDF : 1184585.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.185+/-0.040 χ^2/NDF : 1882006.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

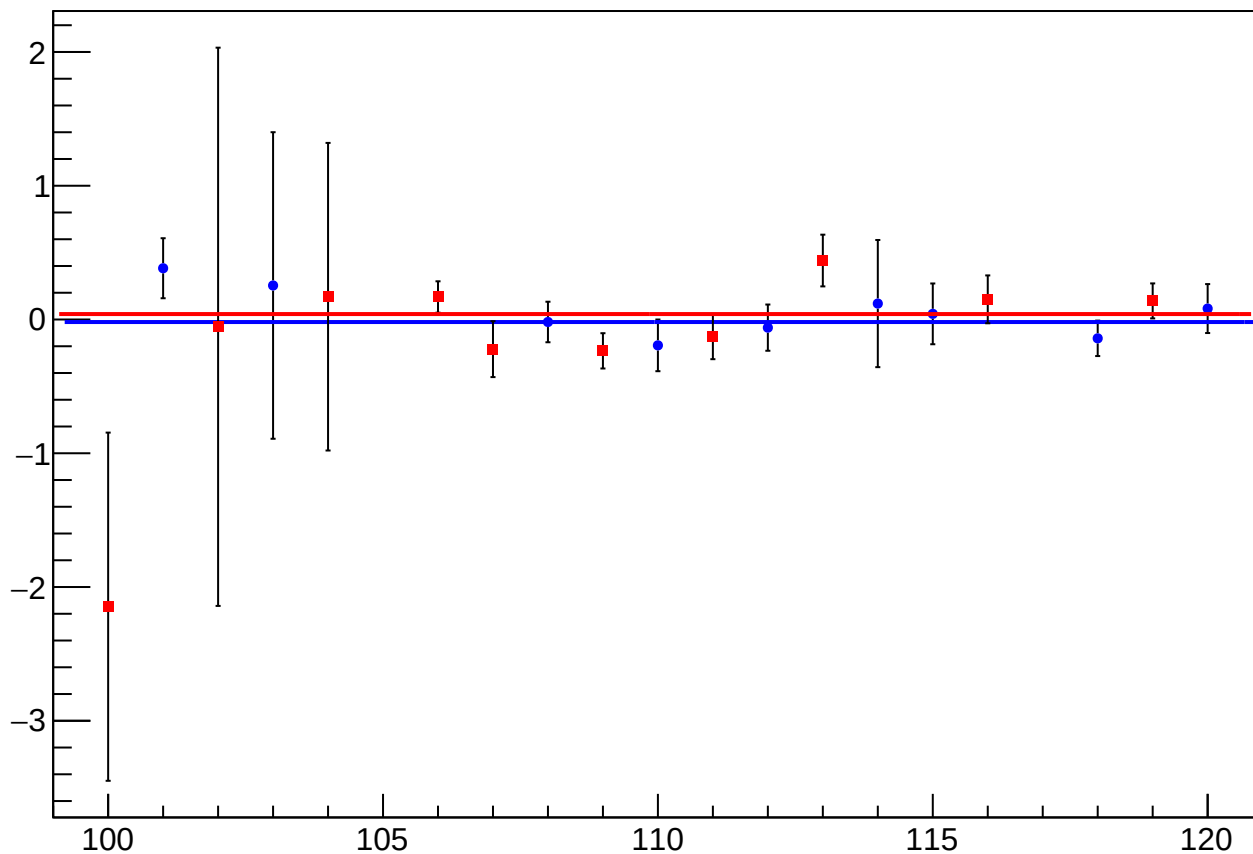
Right: 101.277+/-0.030 χ^2/NDF : 3159335.5/18

In: 111.846+/-0.046 χ^2/NDF : 1184585.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.277+/-0.030 χ^2/NDF : 3159335.5/18

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.019 ± 0.065 χ^2/NDF : 5.4/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.041 ± 0.057 χ^2/NDF : 16.2/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

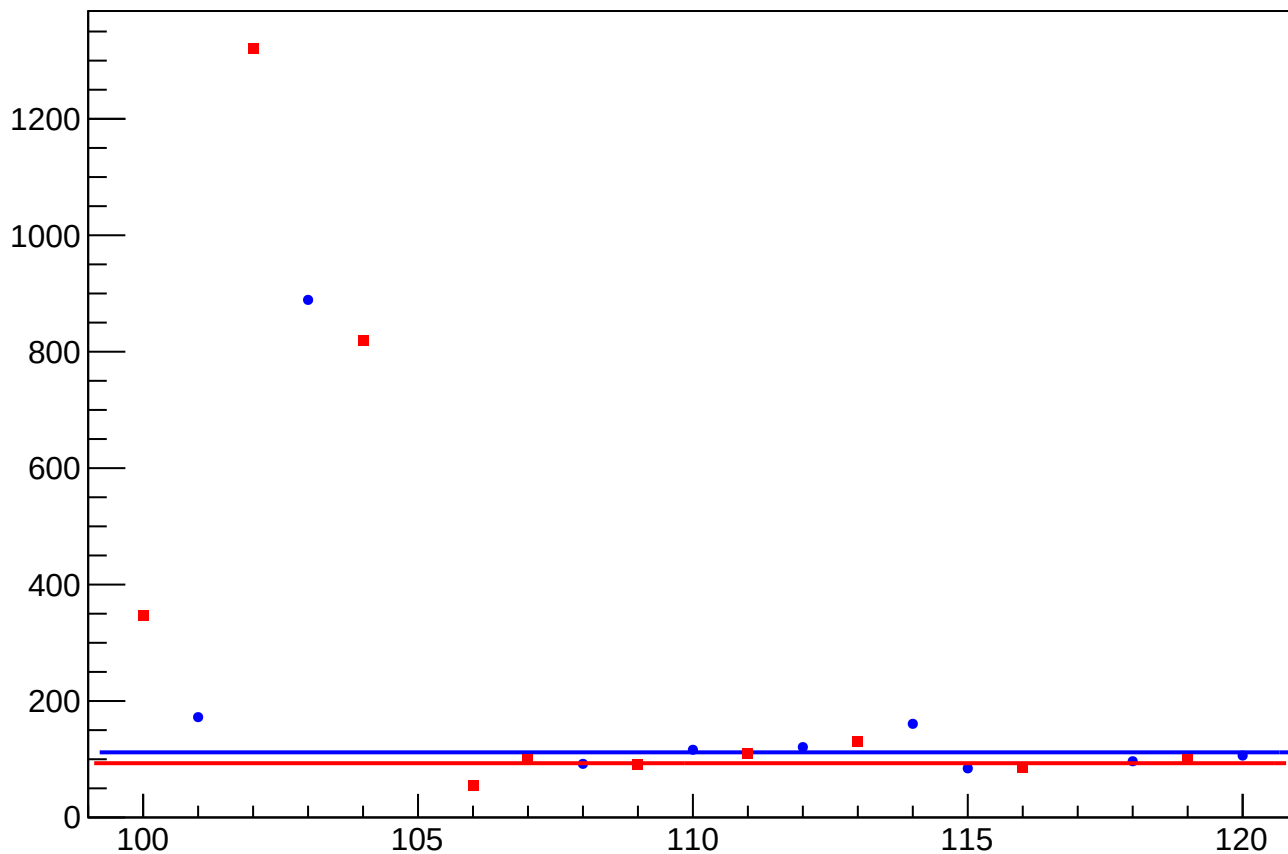
Right: 0.015 ± 0.043 χ^2/NDF : 22.1/18

In: -0.019 ± 0.065 χ^2/NDF : 5.4/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.015 ± 0.043 χ^2/NDF : 22.1/18

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 111.846+/-0.046 χ^2/NDF : 1184585.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.185+/-0.040 χ^2/NDF : 1882006.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

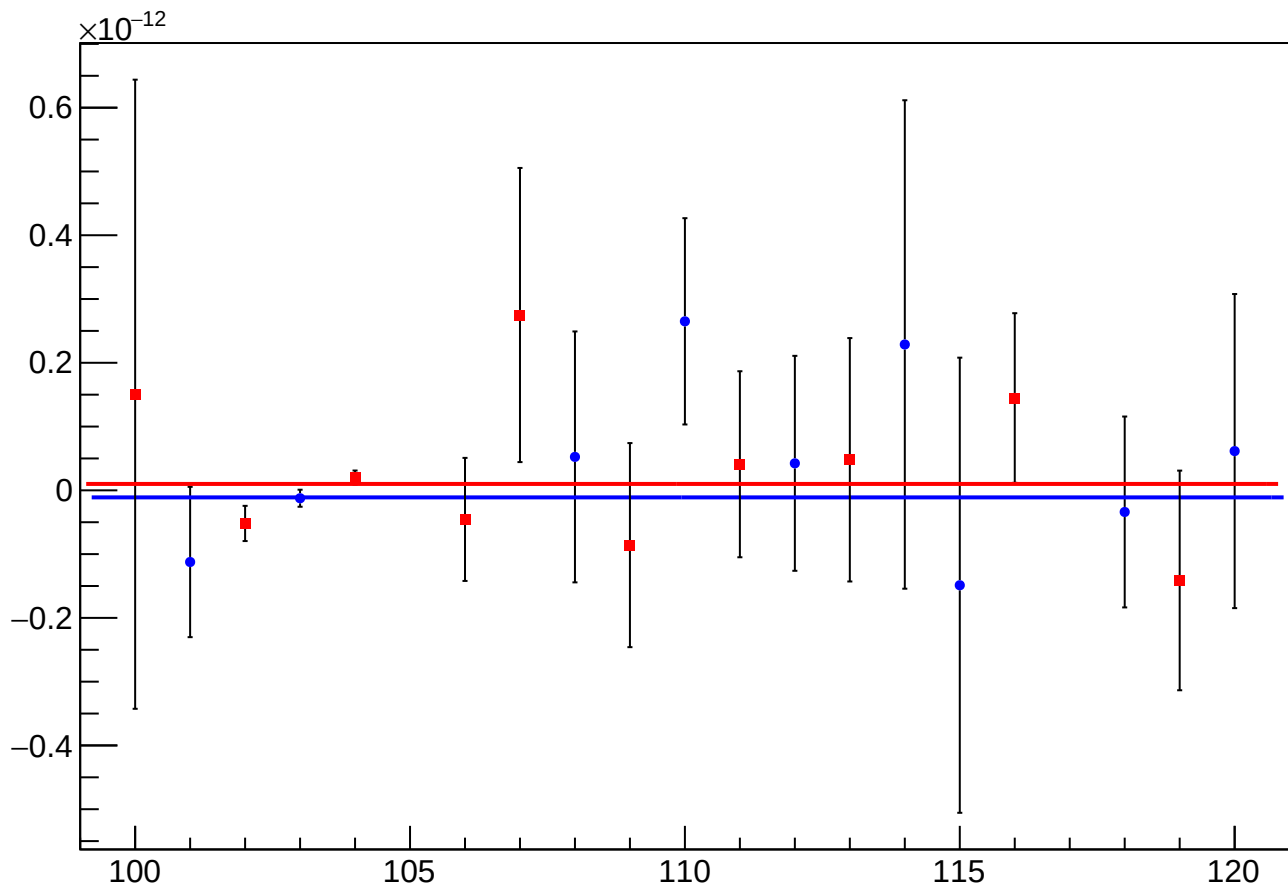
Right: 101.277+/-0.030 χ^2/NDF : 3159335.5/18

In: 111.846+/-0.046 χ^2/NDF : 1184585.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.277+/-0.030 χ^2/NDF : 3159335.5/18

asym_us_avg_atlr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

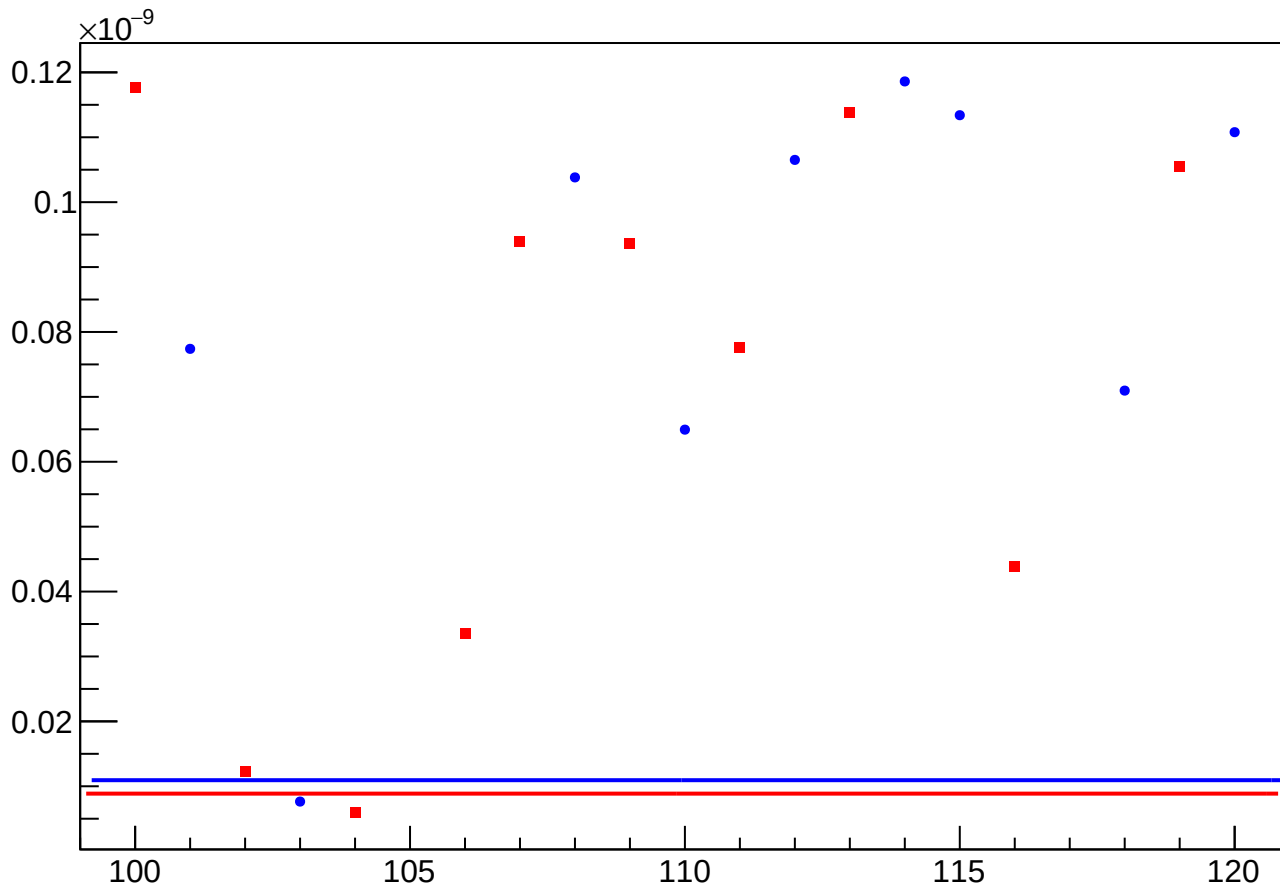
Right: 0.000+/-0.000 χ^2/NDF : 16.0/18

In: -0.000+/-0.000 χ^2/NDF :4.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.0/18

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 : 3043744.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3052739.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

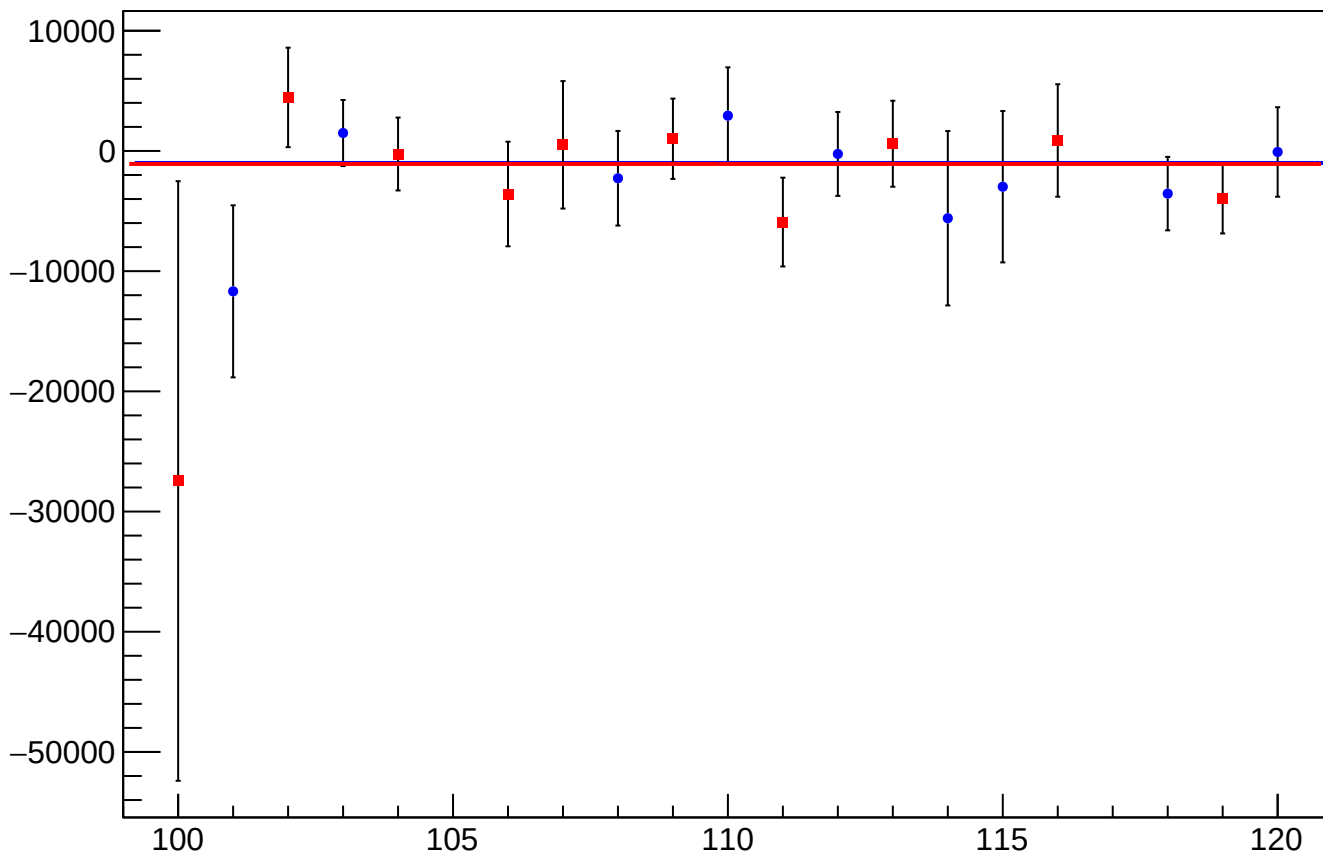
Right: 0.000+/-0.000 χ^2/NDF : 6127838.2/18

In: 0.000+/-0.000 χ^2/NDF : 3043744.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6127838.2/18

reg_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1000.241+/-1308.717 χ^2 /NDF: 5.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1080.454+/-1227.058 χ^2 /NDF: 6.9/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

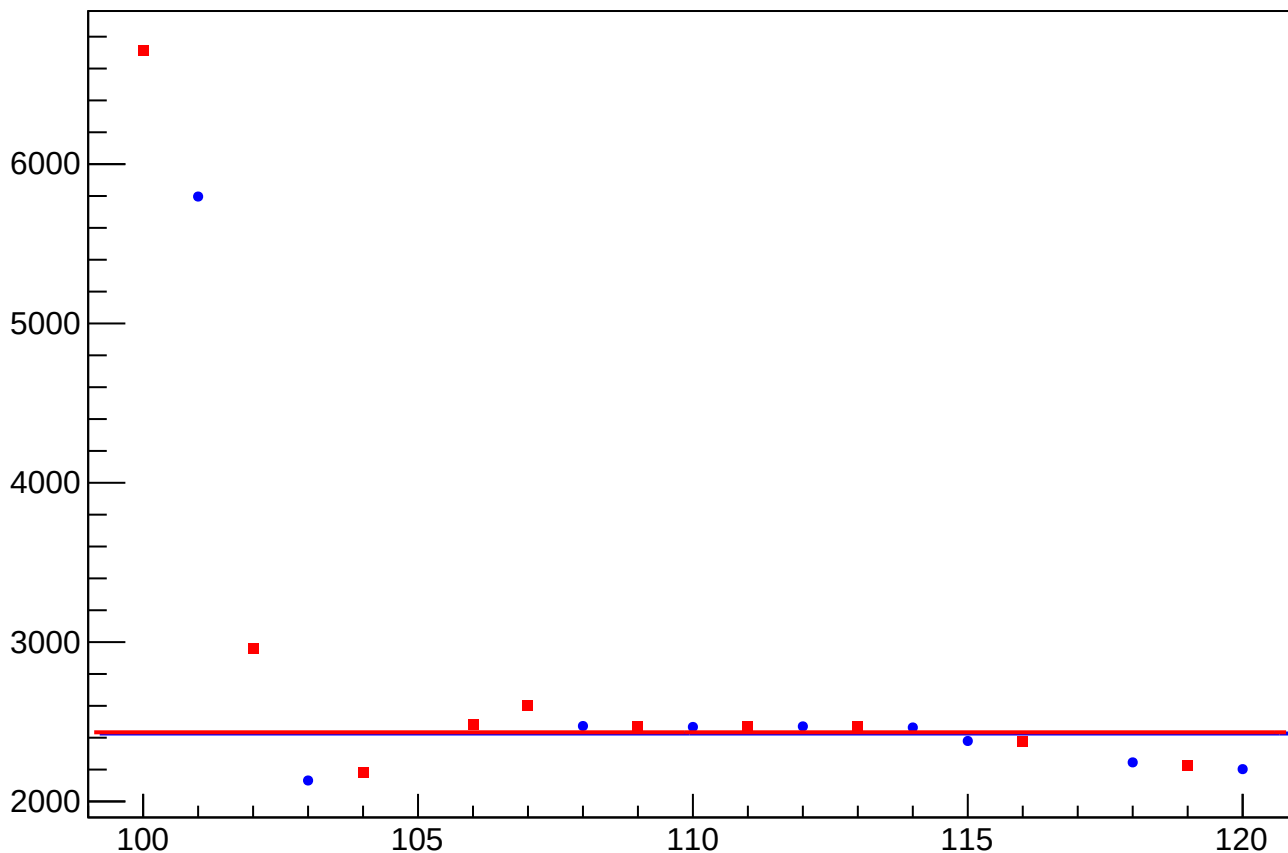
Right: -1042.928+/-895.138 χ^2 /NDF: 12.3/18

In: -1000.241+/-1308.717 χ^2 /NDF:5.4/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1042.928+/-895.138 χ^2 /NDF: 12.3/18

reg_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2426.336+/-0.925 χ^2/NDF : 481644.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2433.941+/-0.868 χ^2/NDF : 118357.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

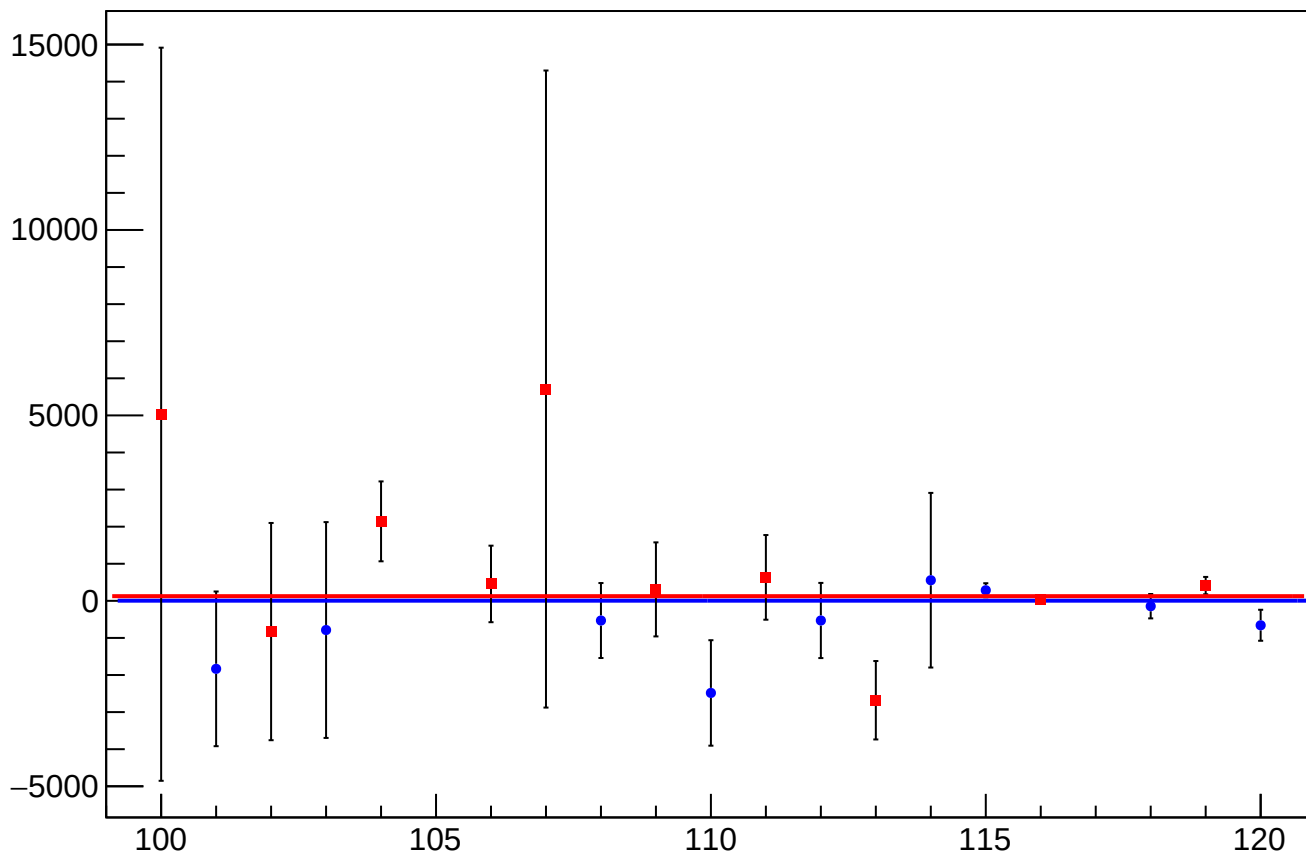
Right: 2430.383+/-0.633 χ^2/NDF : 600038.2/18

In: 2426.336+/-0.925 χ^2/NDF : 481644.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2430.383+/-0.633 χ^2/NDF : 600038.2/18

asym_us_dd_at1lr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 4.554+/-147.508 χ^2/NDF : 9.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.965+/-107.832 χ^2/NDF : 13.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

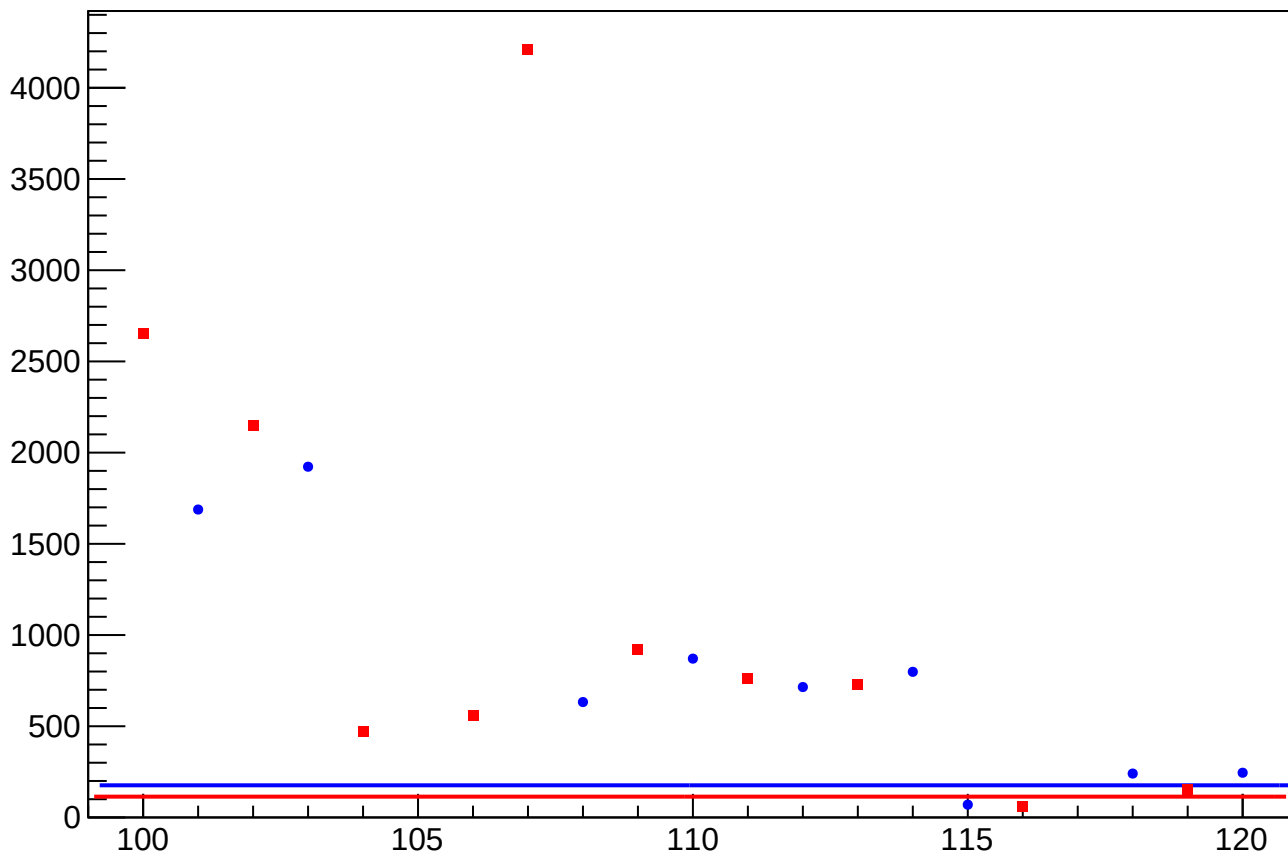
Right: 83.680+/-87.052 χ^2/NDF : 23.5/18

In: 4.554+/-147.508 χ^2/NDF : 9.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.680+/-87.052 χ^2/NDF : 23.5/18

asym_us_dd_at1lr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 176.252 $\pm$ 0.104 χ^2 /NDF: 4123540.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 114.054 $\pm$ 0.076 χ^2 /NDF: 4682360.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

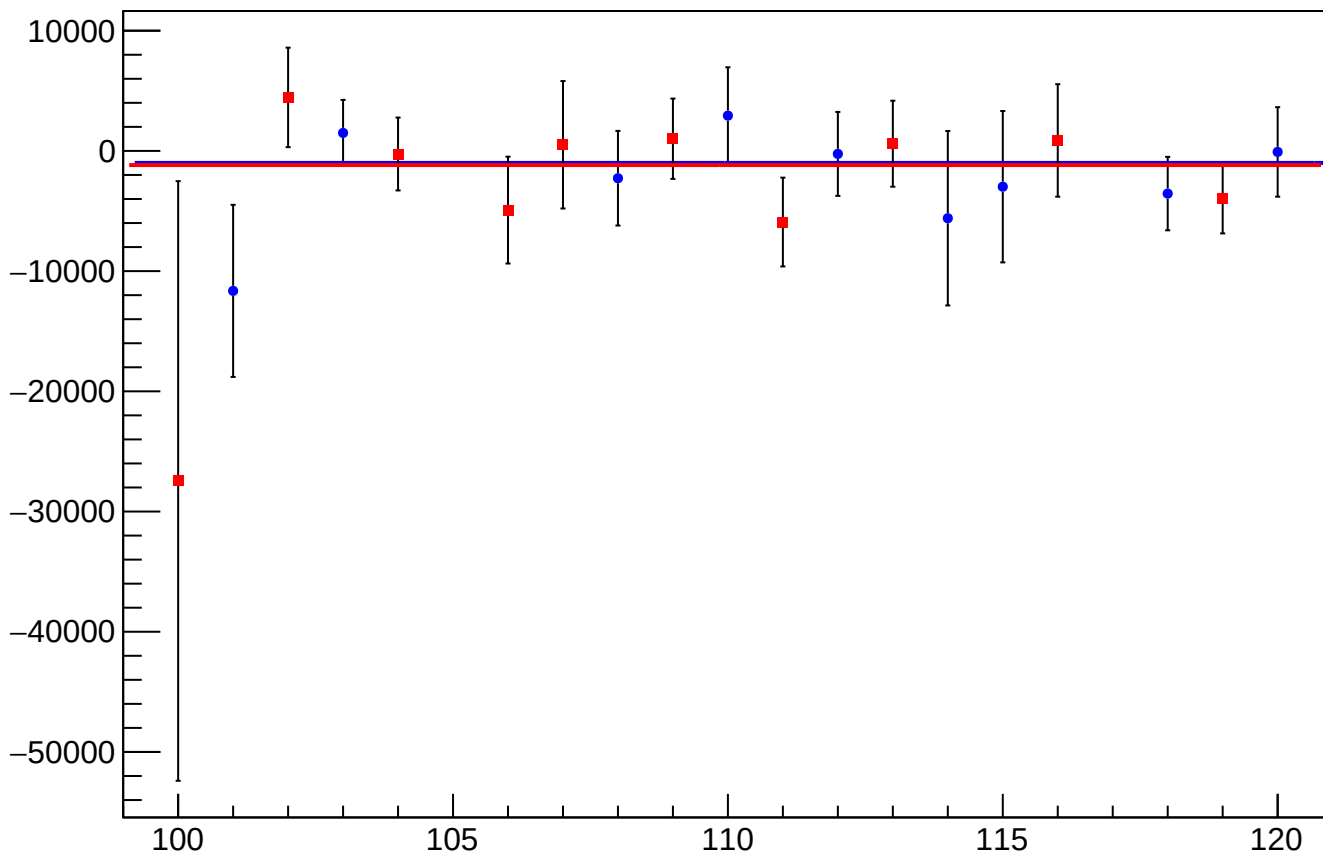
Right: 135.716 $\pm$ 0.062 χ^2 /NDF: 9037644.2/18

In: 176.252 $\pm$ 0.104 χ^2 /NDF:4123540.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 135.716 $\pm$ 0.062 χ^2 /NDF: 9037644.2/18

cor_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -998.196+/-1308.718 χ^2/NDF : 5.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1176.006+/-1229.088 χ^2/NDF : 7.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

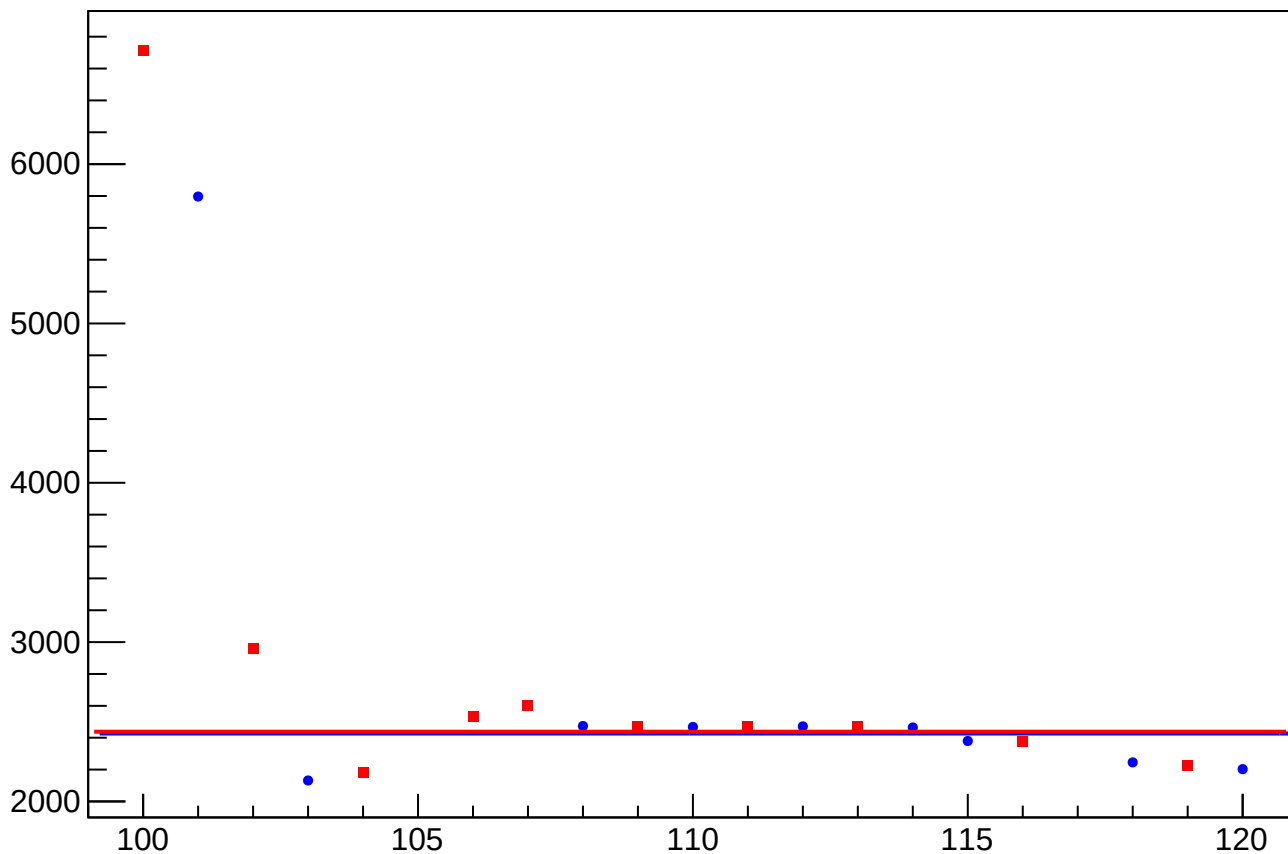
Right: -1092.674+/-895.926 χ^2/NDF : 12.7/18

In: -998.196+/-1308.718 χ^2/NDF : 5.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1092.674+/-895.926 χ^2/NDF : 12.7/18

cor_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2426.336+/-0.925 χ^2/NDF : 481644.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2437.655+/-0.869 χ^2/NDF : 119101.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

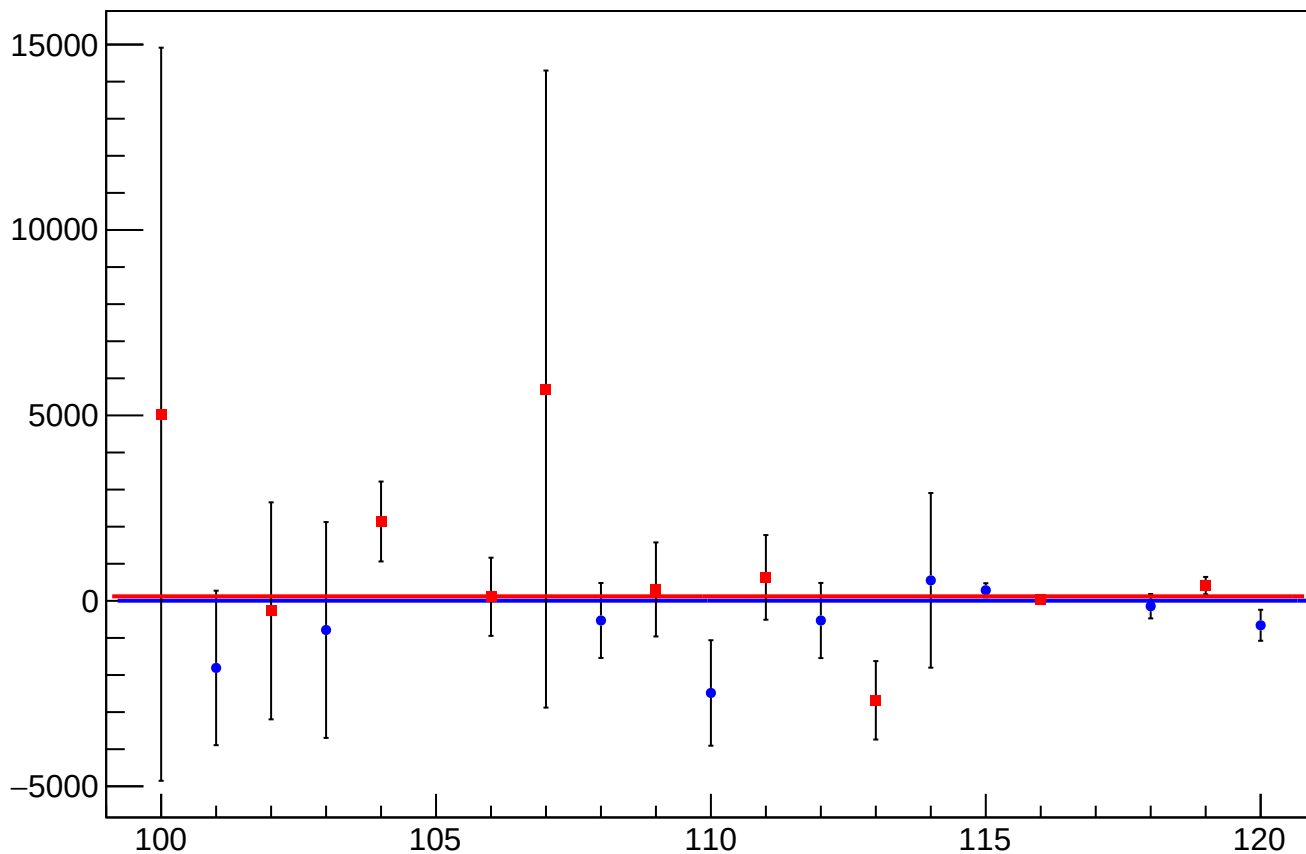
Right: 2432.351+/-0.634 χ^2/NDF : 600825.6/18

In: 2426.336+/-0.925 χ^2/NDF : 481644.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2432.351+/-0.634 χ^2/NDF : 600825.6/18

asym_us_dd_at1lr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 4.663+/-147.545 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.123+/-107.687 χ^2/NDF : 13.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

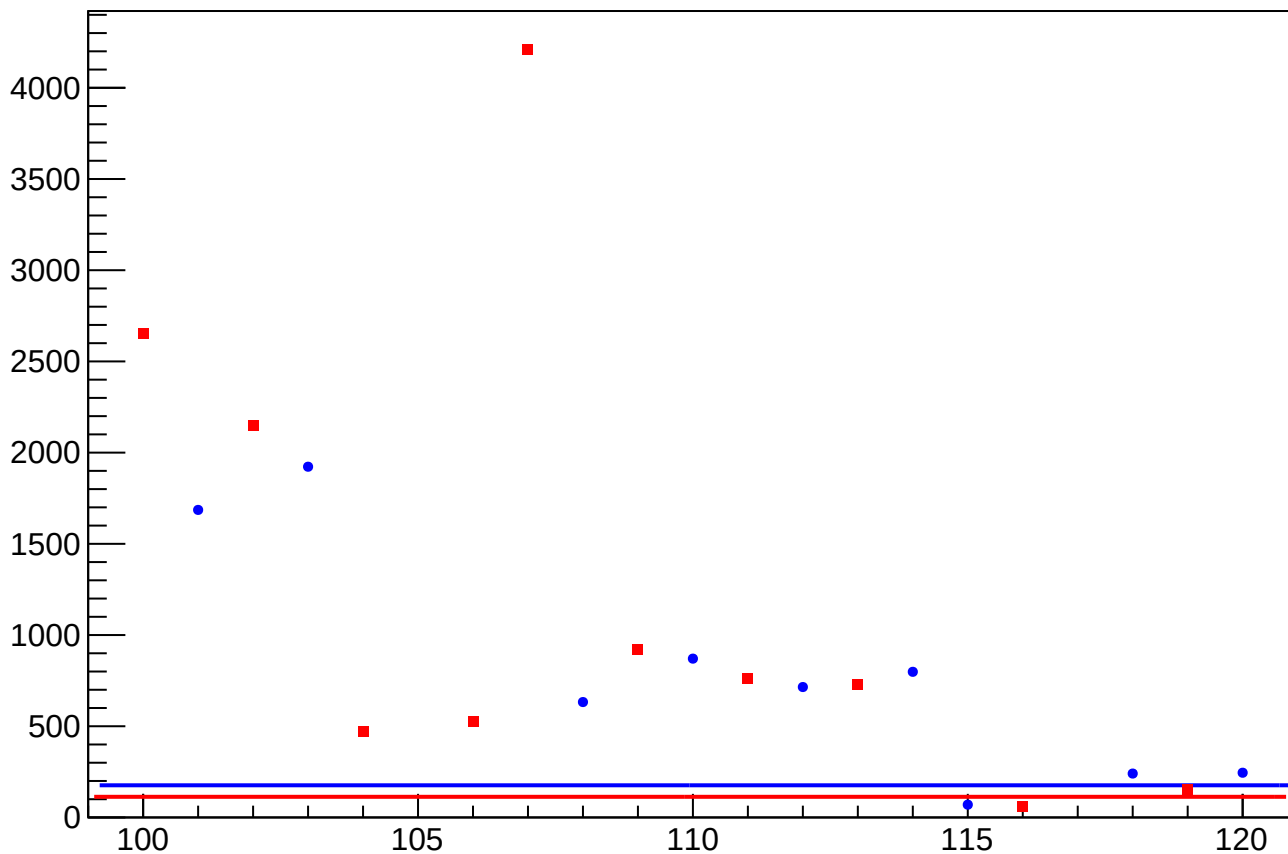
Right: 81.299+/-86.983 χ^2/NDF : 23.2/18

In: 4.663+/-147.545 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.299+/-86.983 χ^2/NDF : 23.2/18

asym_us_dd_at1lr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 176.330+/-0.104 χ^2/NDF : 4122429.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.203+/-0.076 χ^2/NDF : 4623927.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

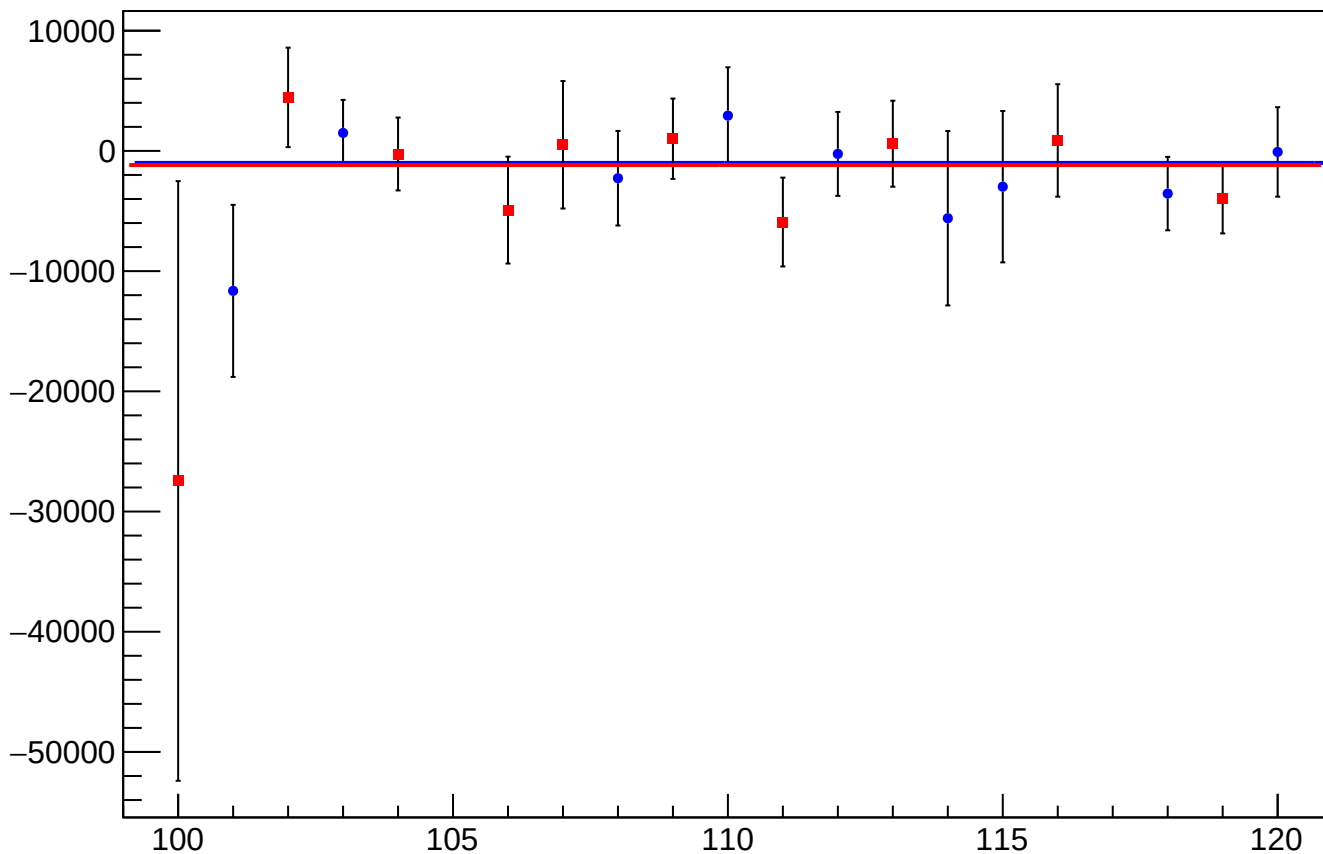
Right: 135.143+/-0.062 χ^2/NDF : 8985224.5/18

In: 176.330+/-0.104 χ^2/NDF : 4122429.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.143+/-0.062 χ^2/NDF : 8985224.5/18

eigen_cor_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -998.196+/-1308.718 χ^2/NDF : 5.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1176.006+/-1229.088 χ^2/NDF : 7.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

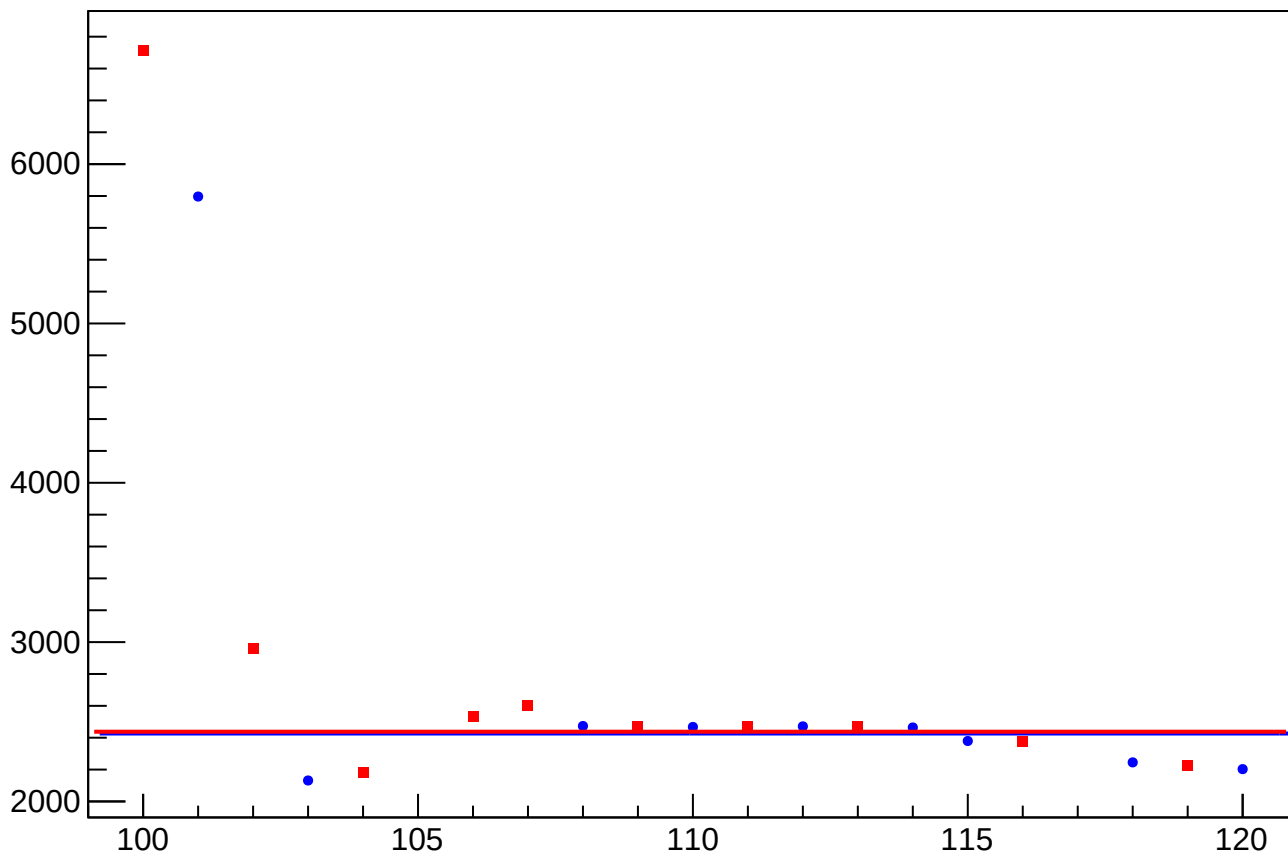
Right: -1092.674+/-895.926 χ^2/NDF : 12.7/18

In: -998.196+/-1308.718 χ^2/NDF :5.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1092.674+/-895.926 χ^2/NDF : 12.7/18

eigen_cor_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2426.336+/-0.925 χ^2/NDF : 481644.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2437.655+/-0.869 χ^2/NDF : 119101.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

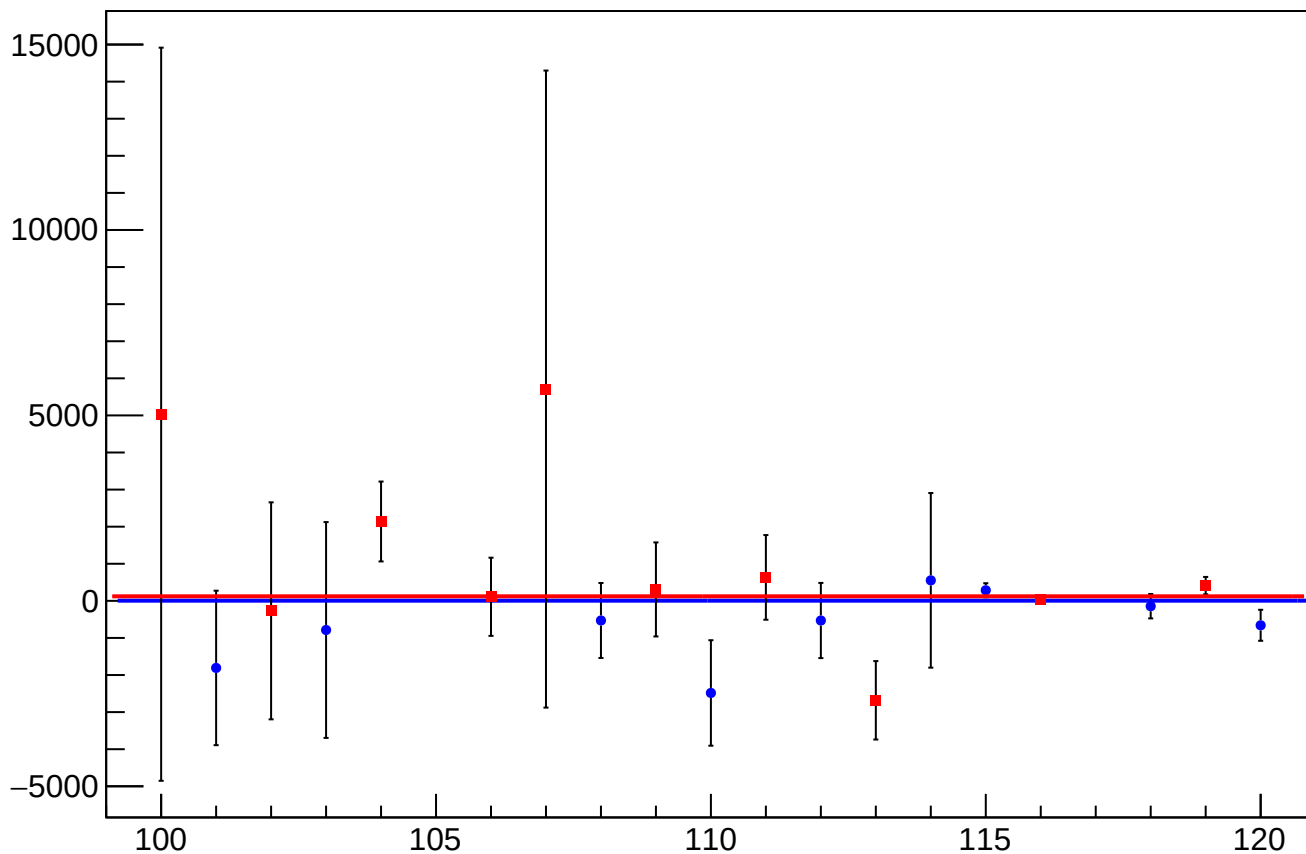
Right: 2432.351+/-0.634 χ^2/NDF : 600825.6/18

In: 2426.336+/-0.925 χ^2/NDF : 481644.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2432.351+/-0.634 χ^2/NDF : 600825.6/18

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 4.663+/-147.545 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.123+/-107.687 χ^2/NDF : 13.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

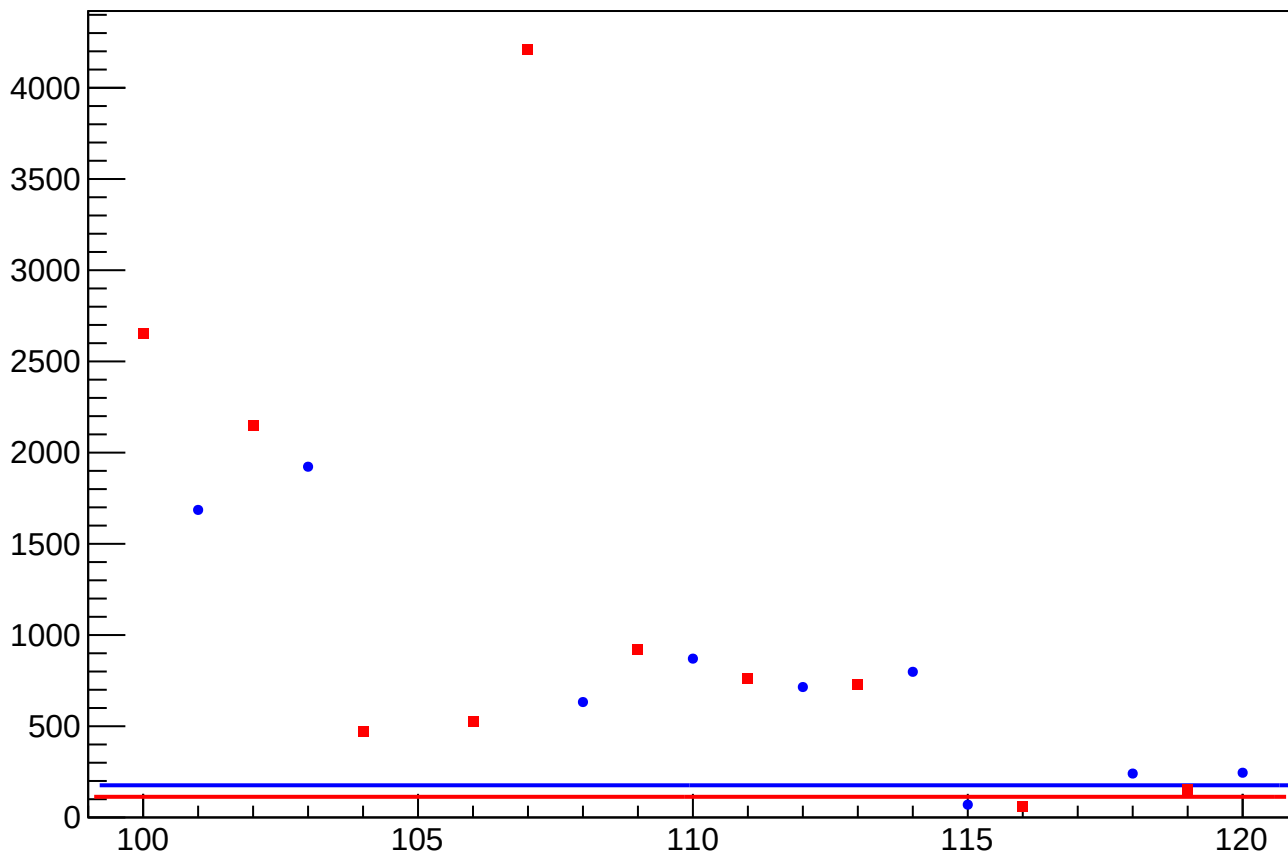
Right: 81.299+/-86.983 χ^2/NDF : 23.2/18

In: 4.663+/-147.545 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.299+/-86.983 χ^2/NDF : 23.2/18

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 176.330+/-0.104 χ^2/NDF : 4122429.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.203+/-0.076 χ^2/NDF : 4623927.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

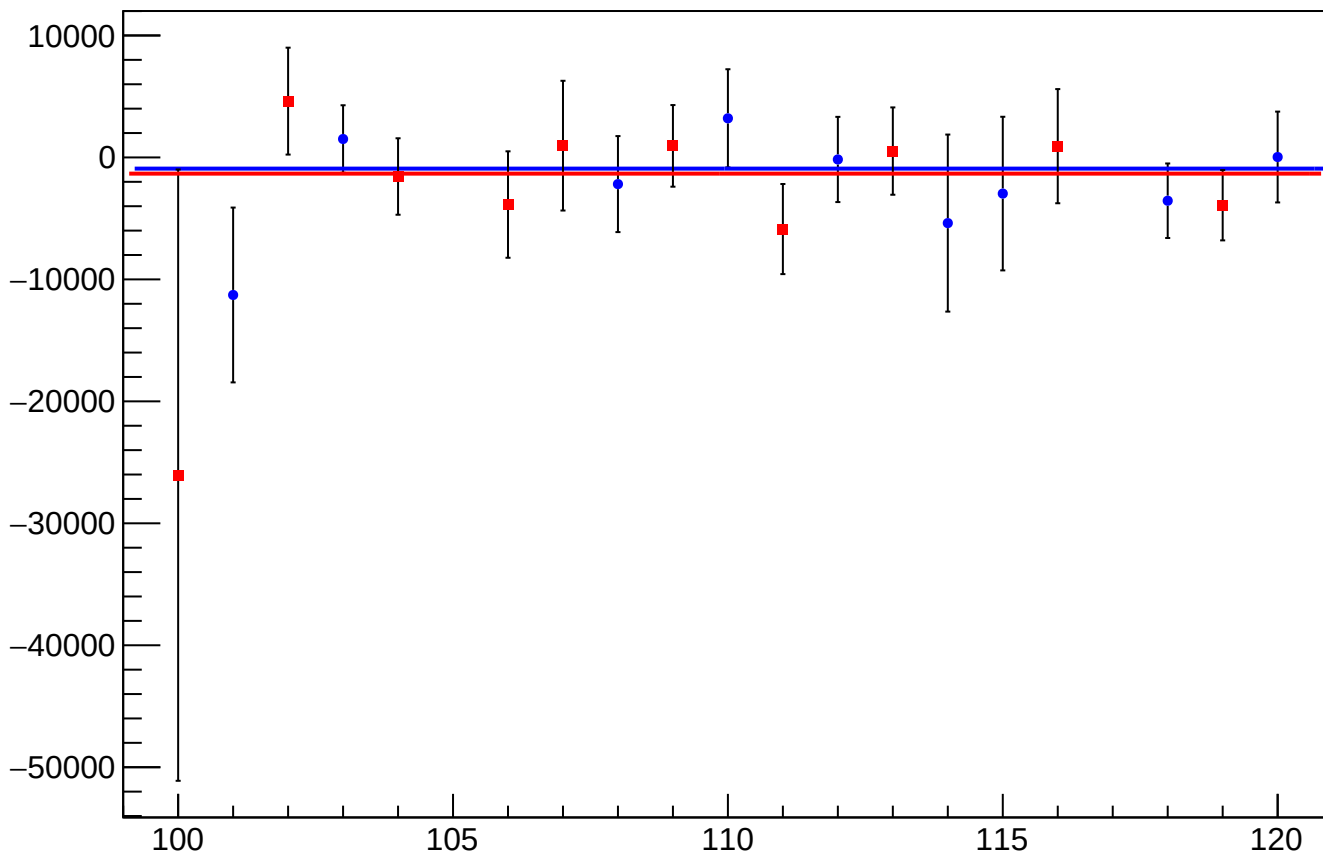
Right: 135.143+/-0.062 χ^2/NDF : 8985224.5/18

In: 176.330+/-0.104 χ^2/NDF : 4122429.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.143+/-0.062 χ^2/NDF : 8985224.5/18

dit_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -917.076+/-1311.086 χ^2/NDF : 5.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1327.952+/-1240.664 χ^2/NDF : 6.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

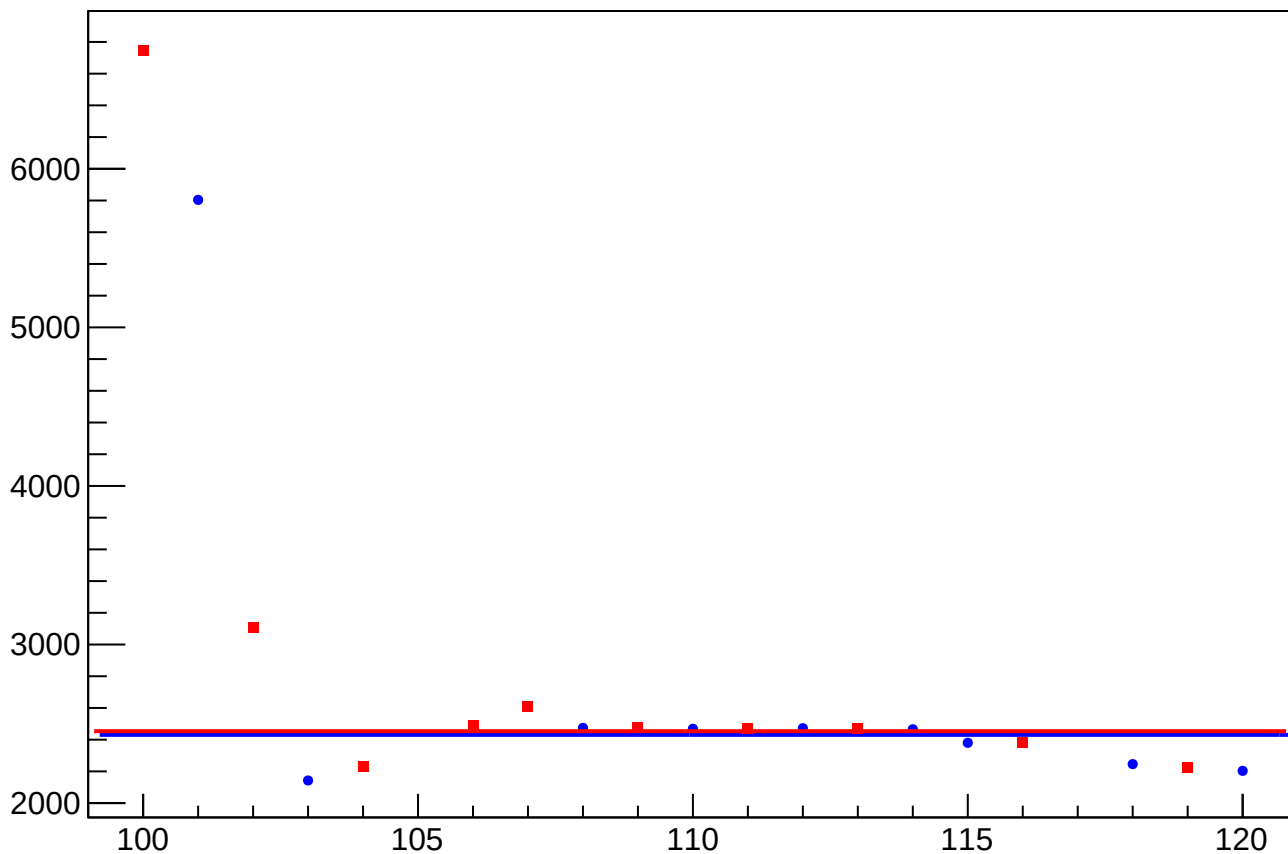
Right: -1133.845+/-901.150 χ^2/NDF : 12.0/18

In: -917.076+/-1311.086 χ^2/NDF : 5.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1133.845+/-901.150 χ^2/NDF : 12.0/18

dit_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2430.344+/-0.927 χ^2/NDF : 480414.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2453.383+/-0.877 χ^2/NDF : 128594.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

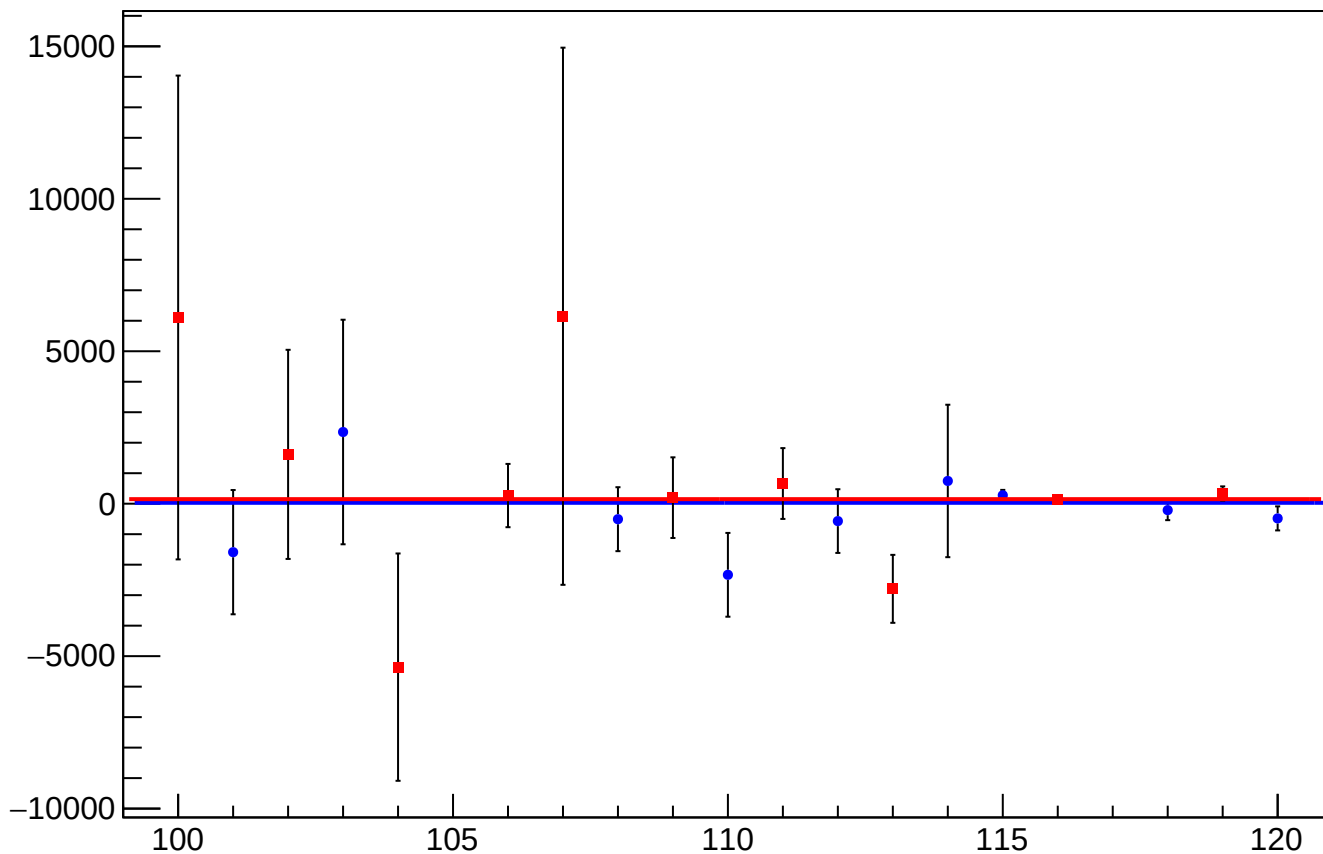
Right: 2442.499+/-0.637 χ^2/NDF : 609334.1/18

In: 2430.344+/-0.927 χ^2/NDF : 480414.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2442.499+/-0.637 χ^2/NDF : 609334.1/18

asym_us_dd_at1lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 29.578+/-140.653 χ^2/NDF : 8.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.176+/-111.905 χ^2/NDF : 11.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

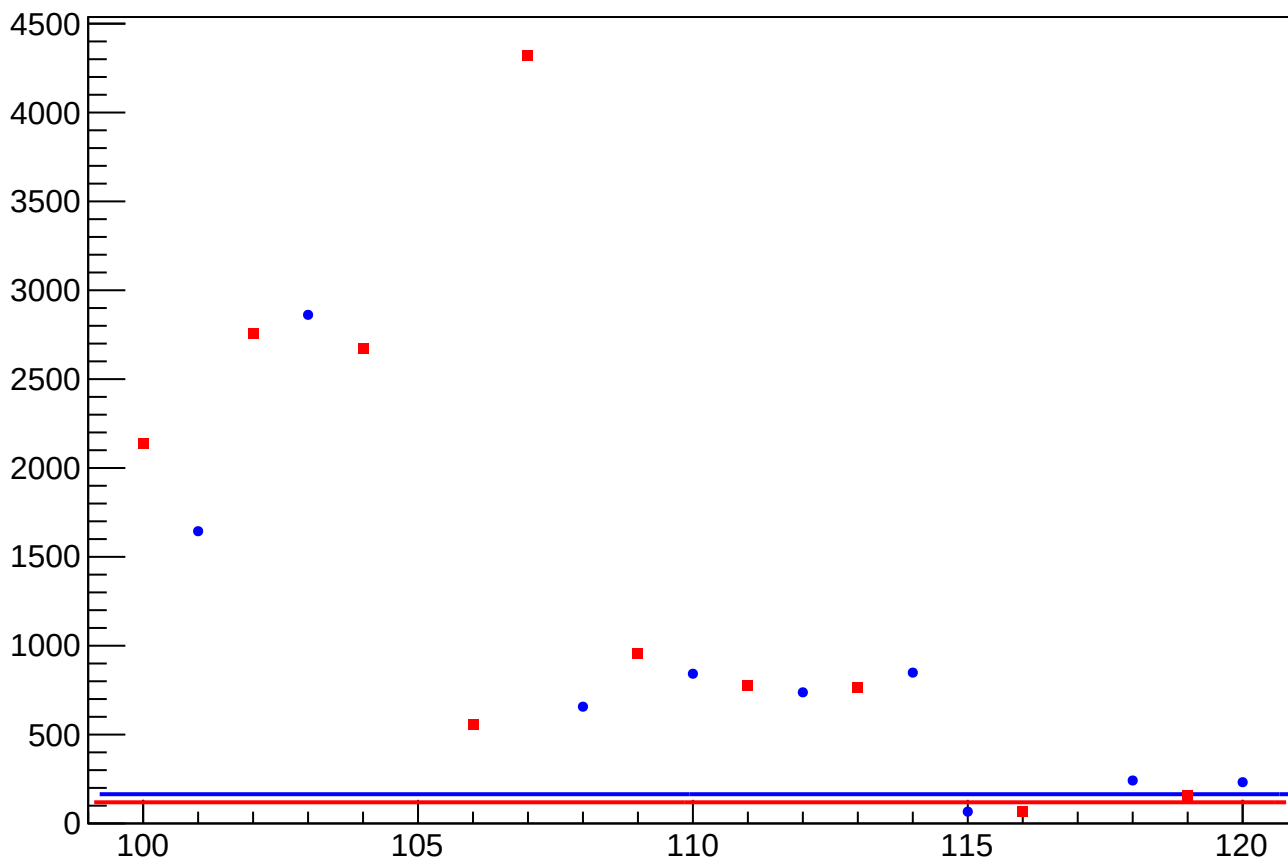
Right: 102.816+/-87.570 χ^2/NDF : 20.5/18

In: 29.578+/-140.653 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.816+/-87.570 χ^2/NDF : 20.5/18

asym_us_dd_at1lr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 164.558+/-0.099 χ^2/NDF : 4592740.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.999+/-0.079 χ^2/NDF : 5554016.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

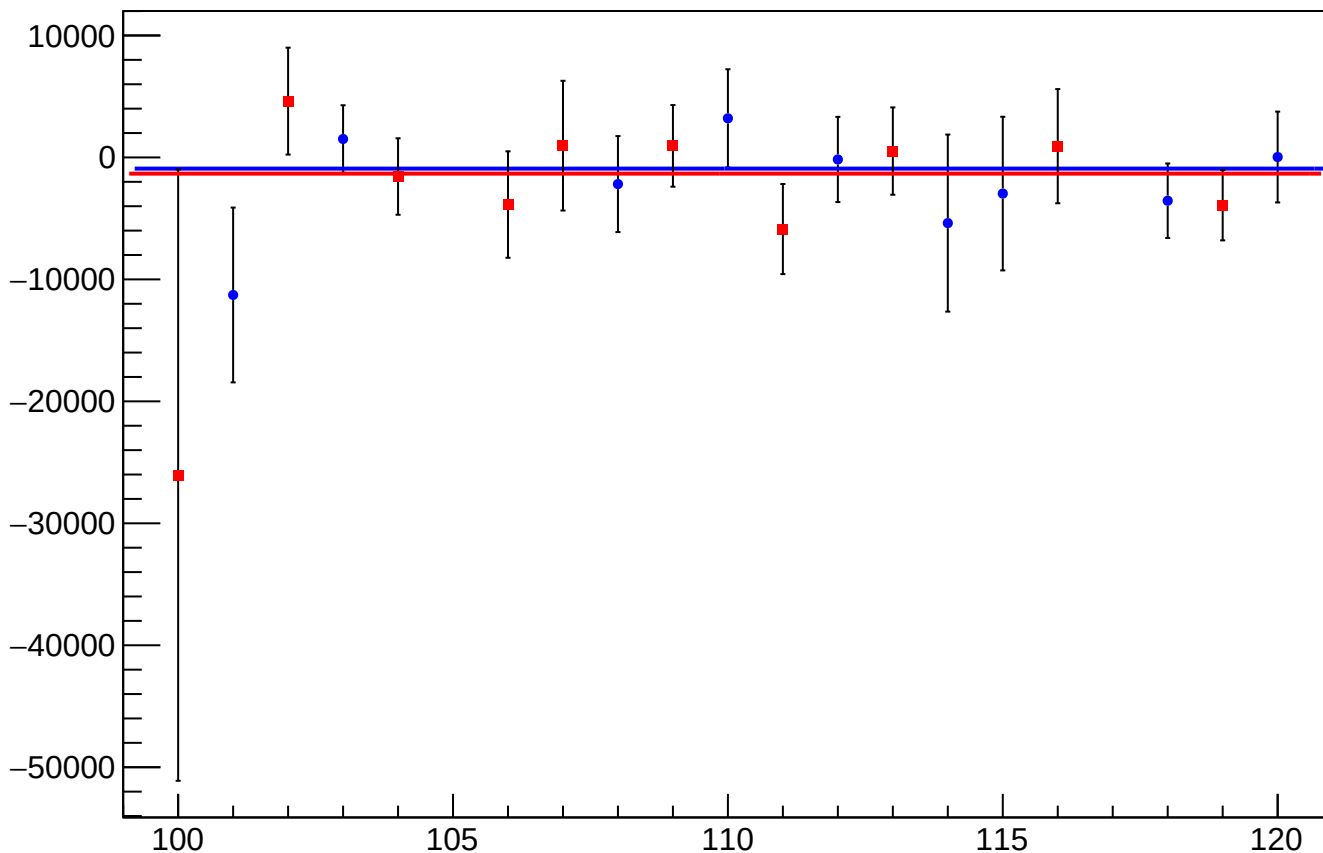
Right: 136.659+/-0.062 χ^2/NDF : 10275253.6/18

In: 164.558+/-0.099 χ^2/NDF : 4592740.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.659+/-0.062 χ^2/NDF : 10275253.6/18

eigen_dit_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -917.077+/-1311.086 χ^2/NDF : 5.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1327.956+/-1240.663 χ^2/NDF : 6.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

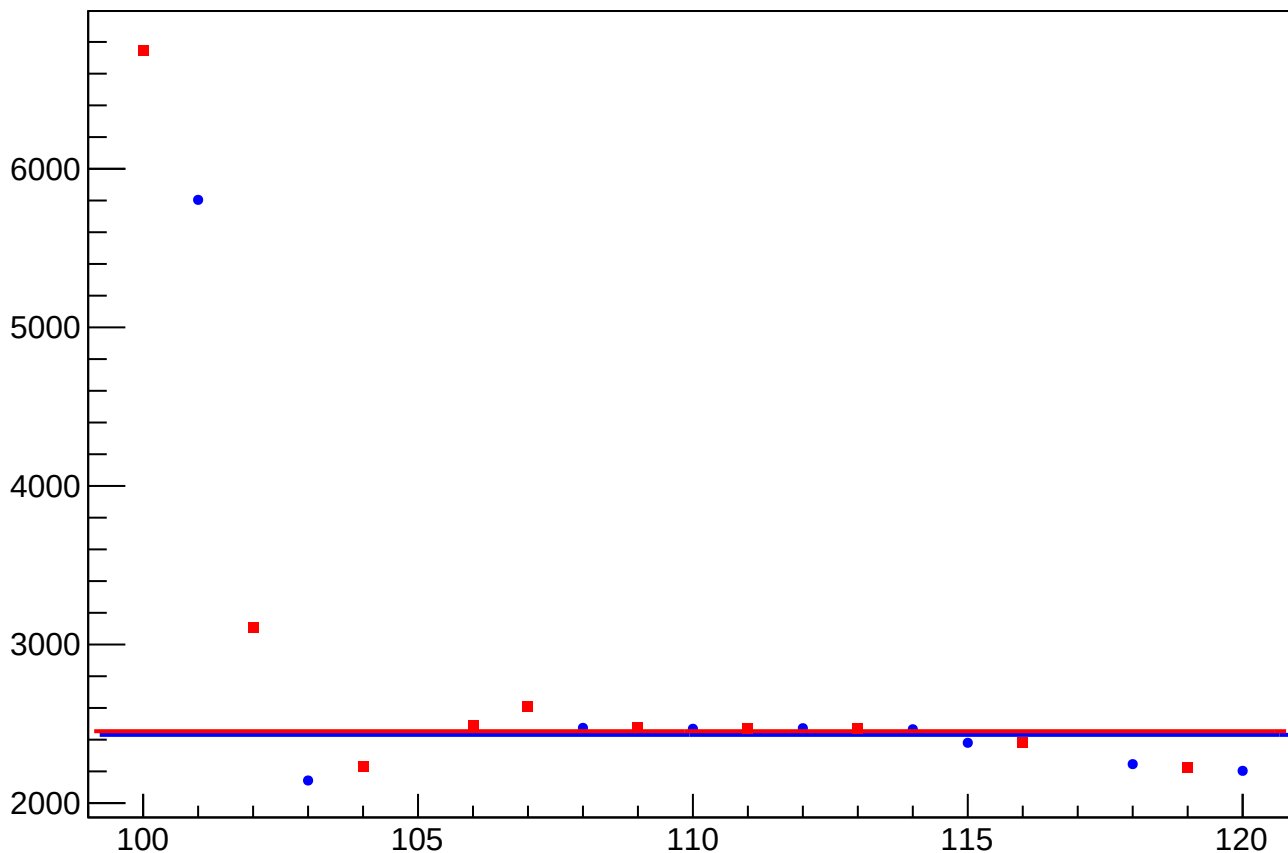
Right: -1133.848+/-901.150 χ^2/NDF : 12.0/18

In: -917.077+/-1311.086 χ^2/NDF : 5.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1133.848+/-901.150 χ^2/NDF : 12.0/18

eigen_dit_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2430.344+/-0.927 χ^2/NDF : 480414.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2453.383+/-0.877 χ^2/NDF : 128594.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

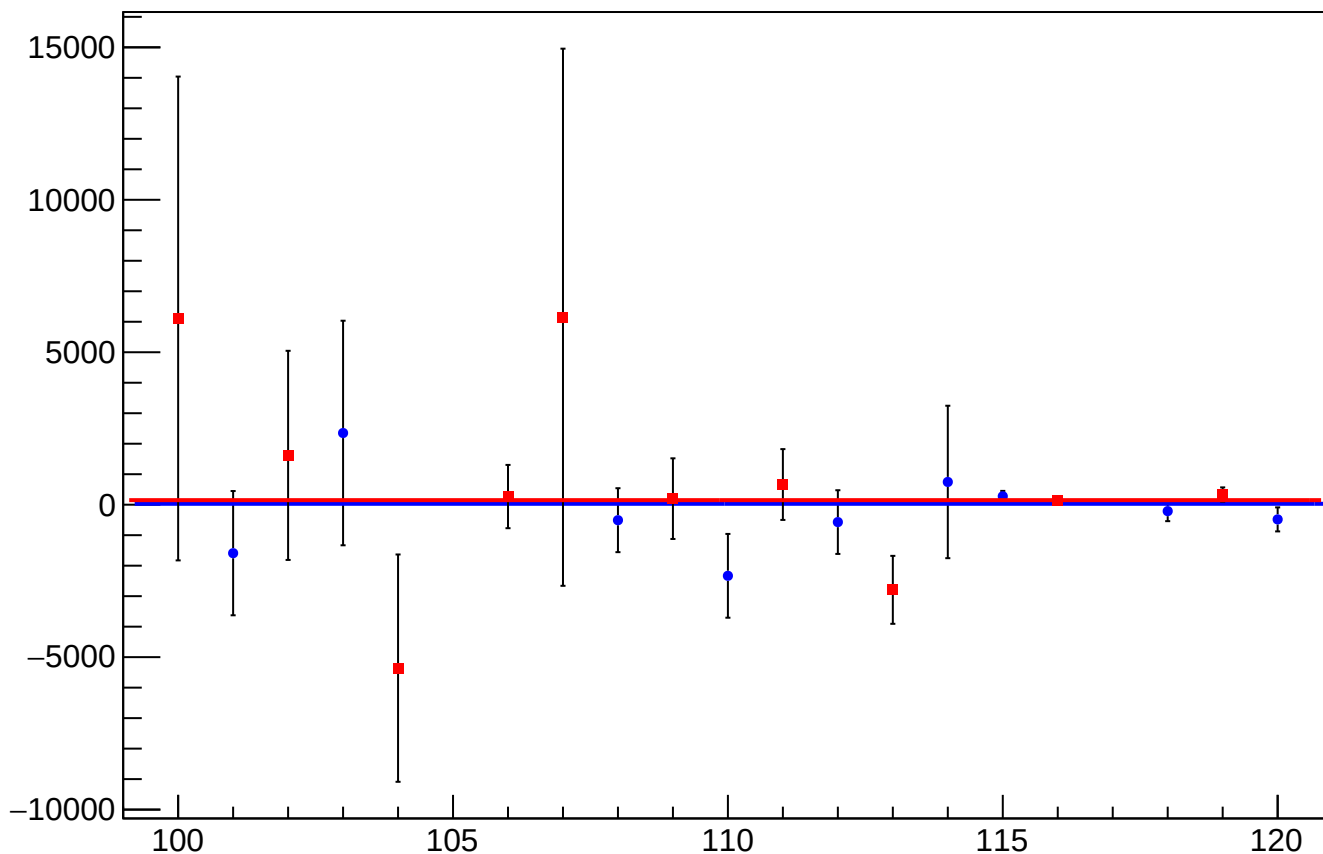
Right: 2442.499+/-0.637 χ^2/NDF : 609334.1/18

In: 2430.344+/-0.927 χ^2/NDF : 480414.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2442.499+/-0.637 χ^2/NDF : 609334.1/18

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 29.578+/-140.650 χ^2/NDF : 8.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.175+/-111.903 χ^2/NDF : 11.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

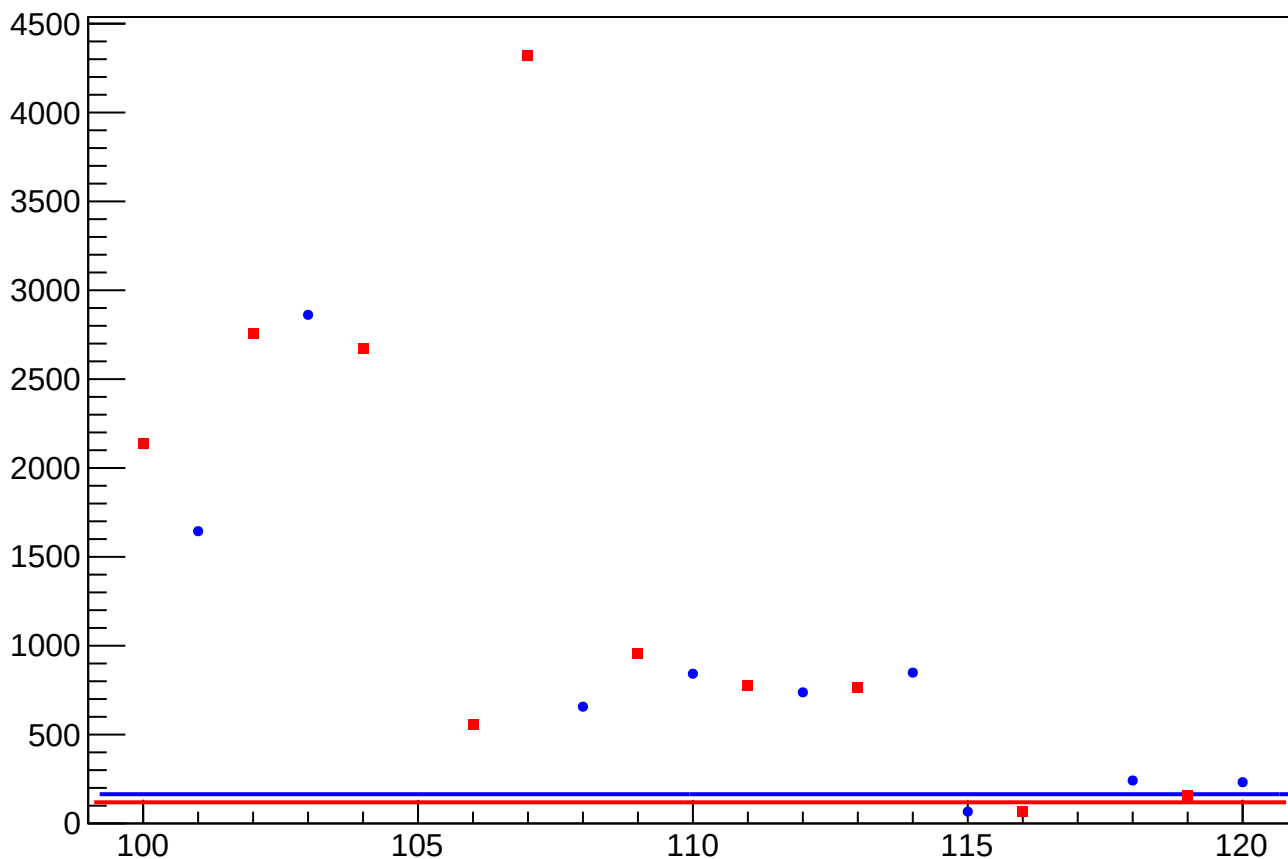
Right: 102.816+/-87.569 χ^2/NDF : 20.5/18

In: 29.578+/-140.650 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.816+/-87.569 χ^2/NDF : 20.5/18

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 164.554+/-0.099 χ^2/NDF : 4592781.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.996+/-0.079 χ^2/NDF : 5554049.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

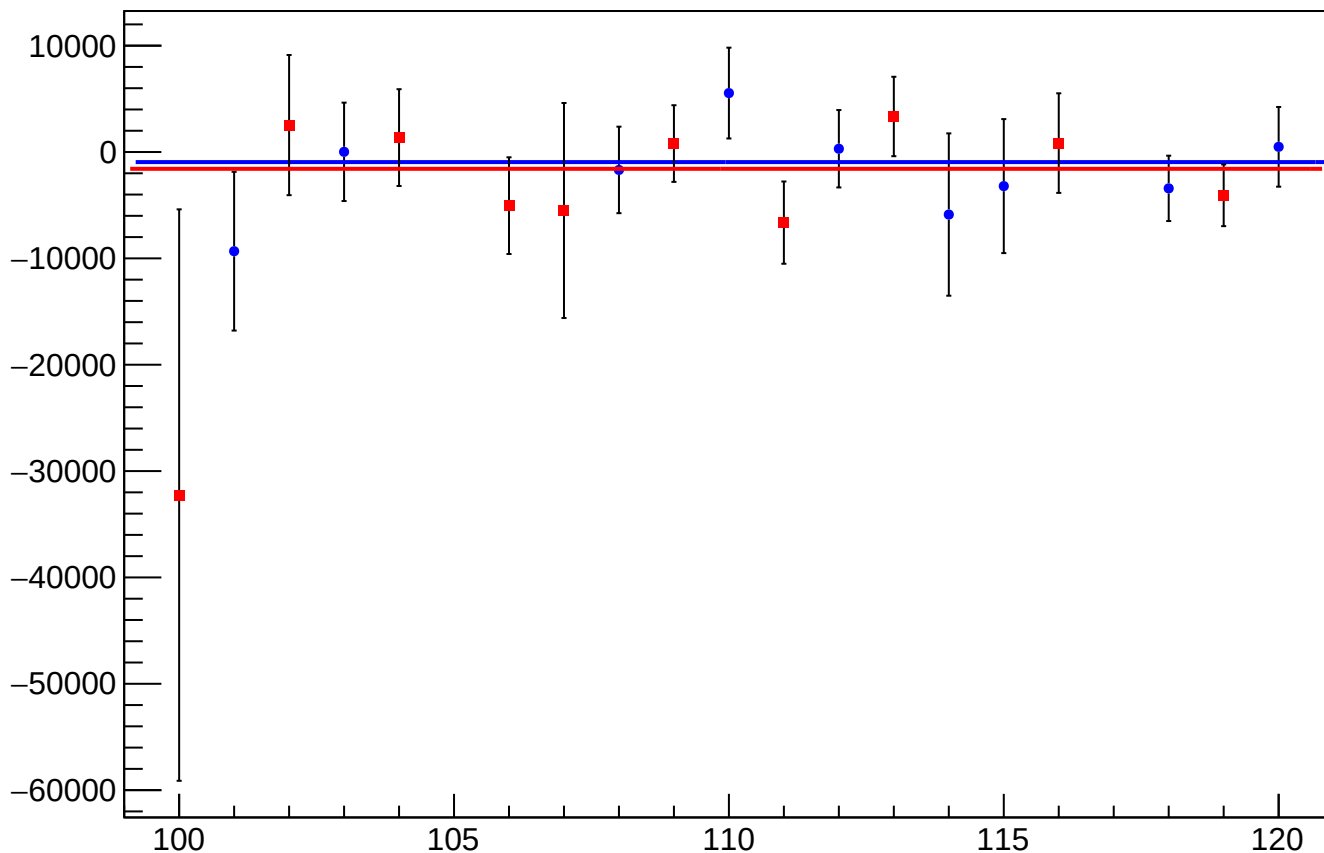
Right: 136.656+/-0.062 χ^2/NDF : 10275323.3/18

In: 164.554+/-0.099 χ^2/NDF : 4592781.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.656+/-0.062 χ^2/NDF : 10275323.3/18

asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -947.564+/-1451.015 χ^2/NDF : 5.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1578.561+/-1399.139 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

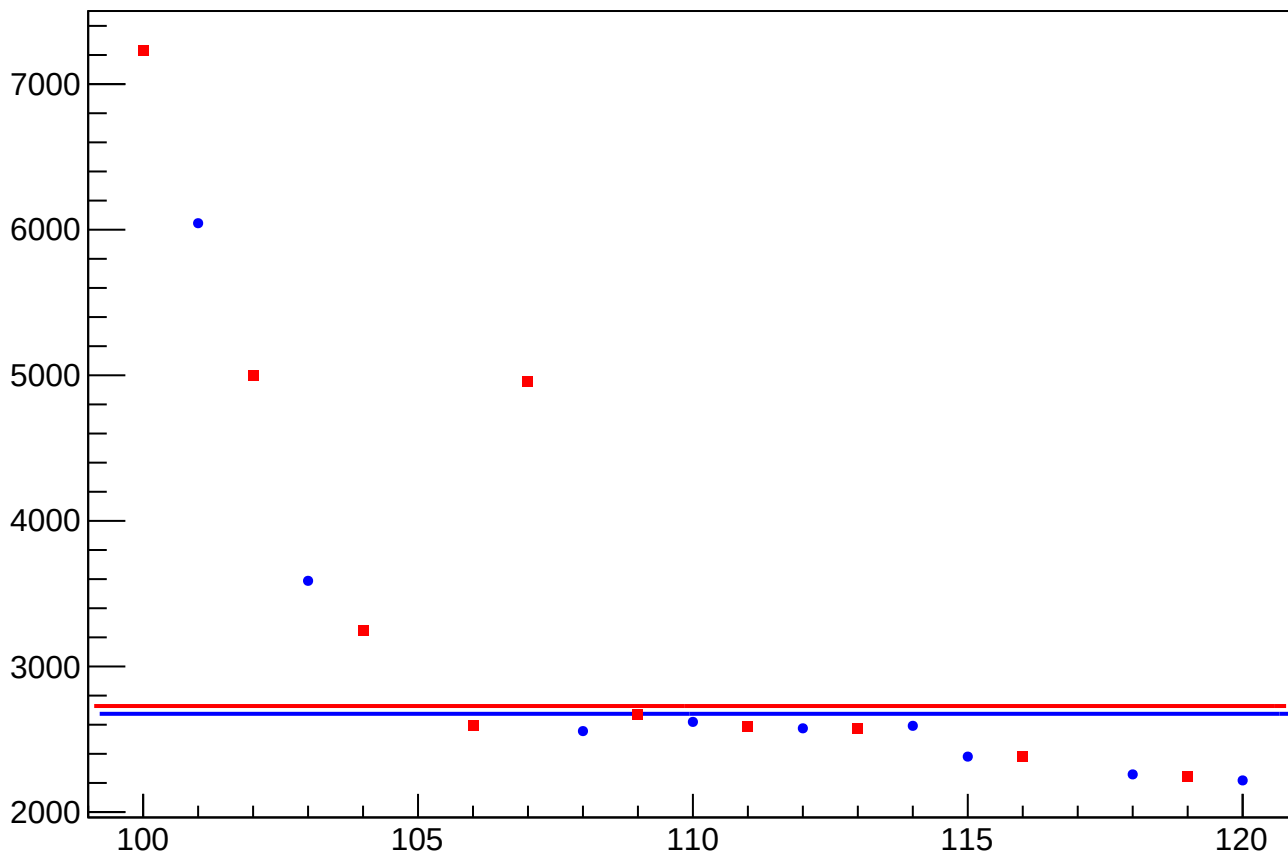
Right: -1274.544+/-1007.181 χ^2/NDF : 12.9/18

In: -947.564+/-1451.015 χ^2/NDF : 5.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1274.544+/-1007.181 χ^2/NDF : 12.9/18

asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2674.869+/-1.026 χ^2/NDF : 560345.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2728.380+/-0.989 χ^2/NDF : 492684.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

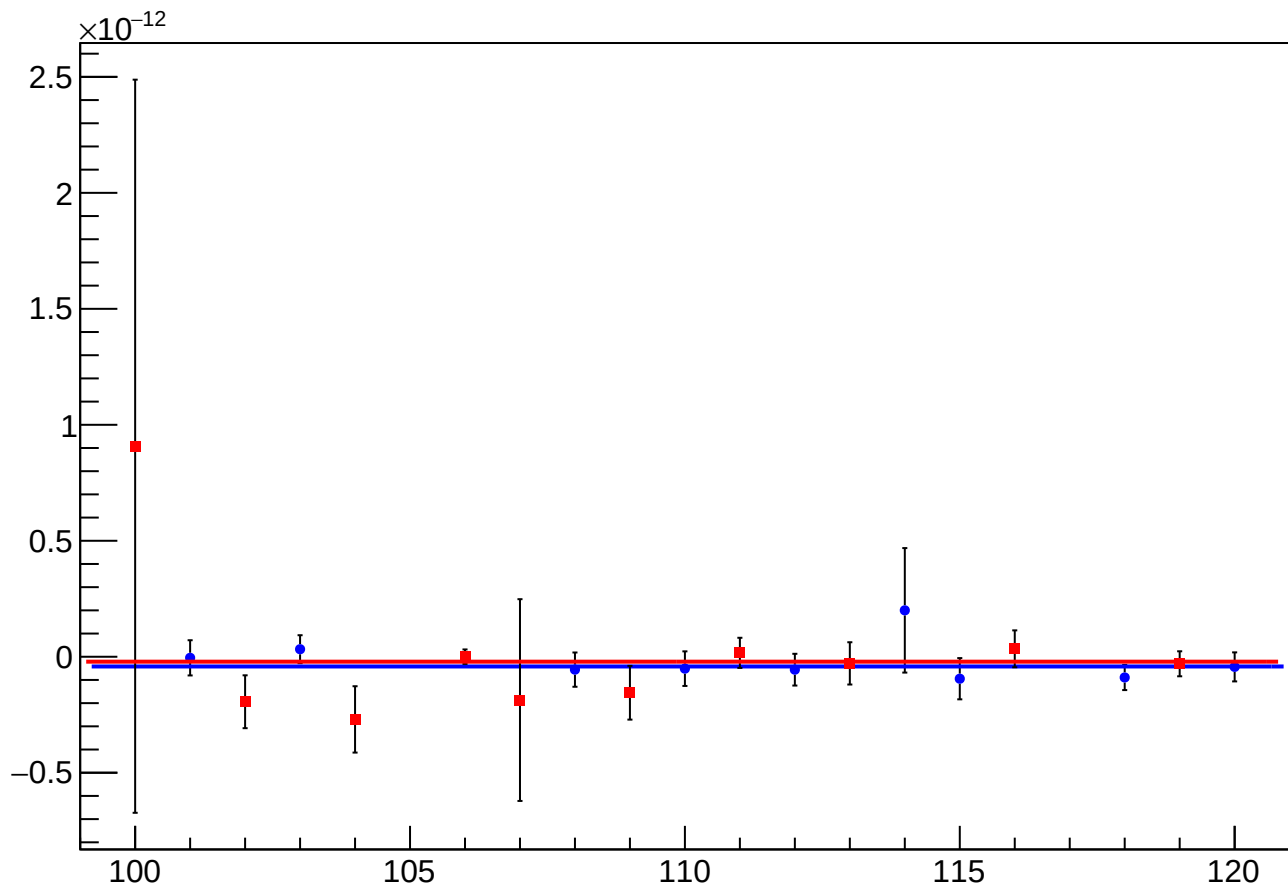
Right: 2702.598+/-0.712 χ^2/NDF : 1054439.5/18

In: 2674.869+/-1.026 χ^2/NDF : 560345.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2702.598+/-0.712 χ^2/NDF : 1054439.5/18

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

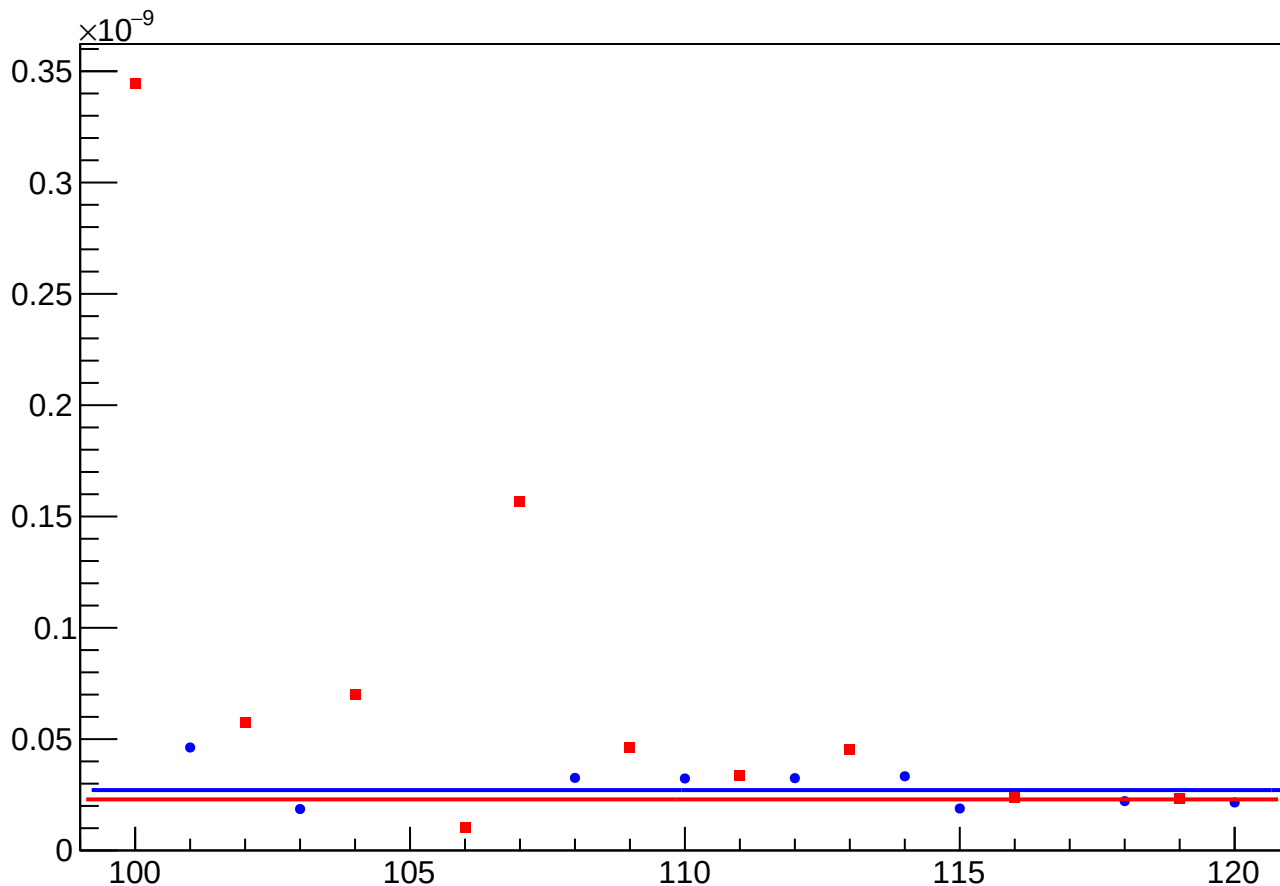
Right: -0.000+/-0.000 χ^2/NDF : 12.7/18

In: -0.000+/-0.000 χ^2/NDF :3.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.7/18

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 250620.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1252227.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

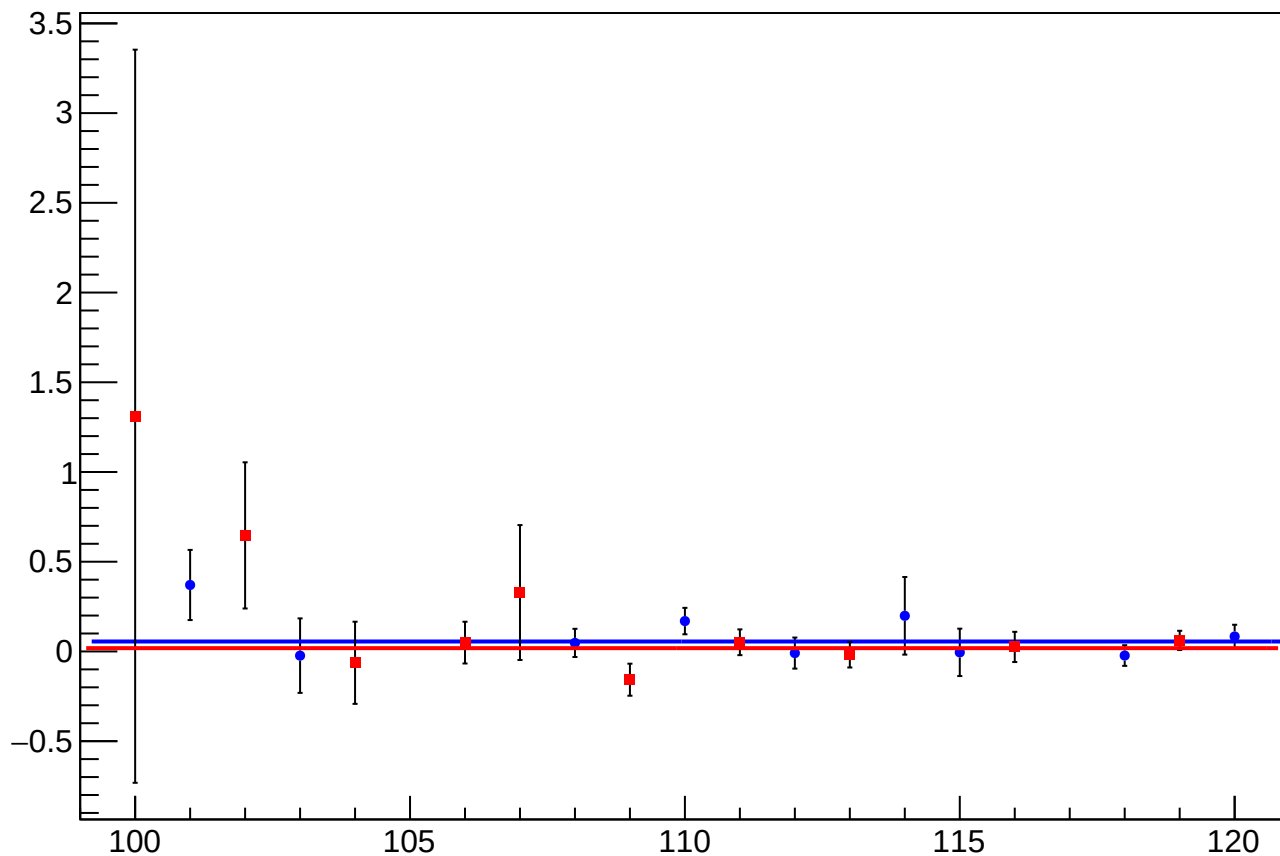
Right: 0.000+/-0.000 χ^2/NDF : 1536418.7/18

In: 0.000+/-0.000 χ^2/NDF : 250620.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1536418.7/18

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.055+/-0.030 χ^2/NDF : 8.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.018+/-0.030 χ^2/NDF : 8.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

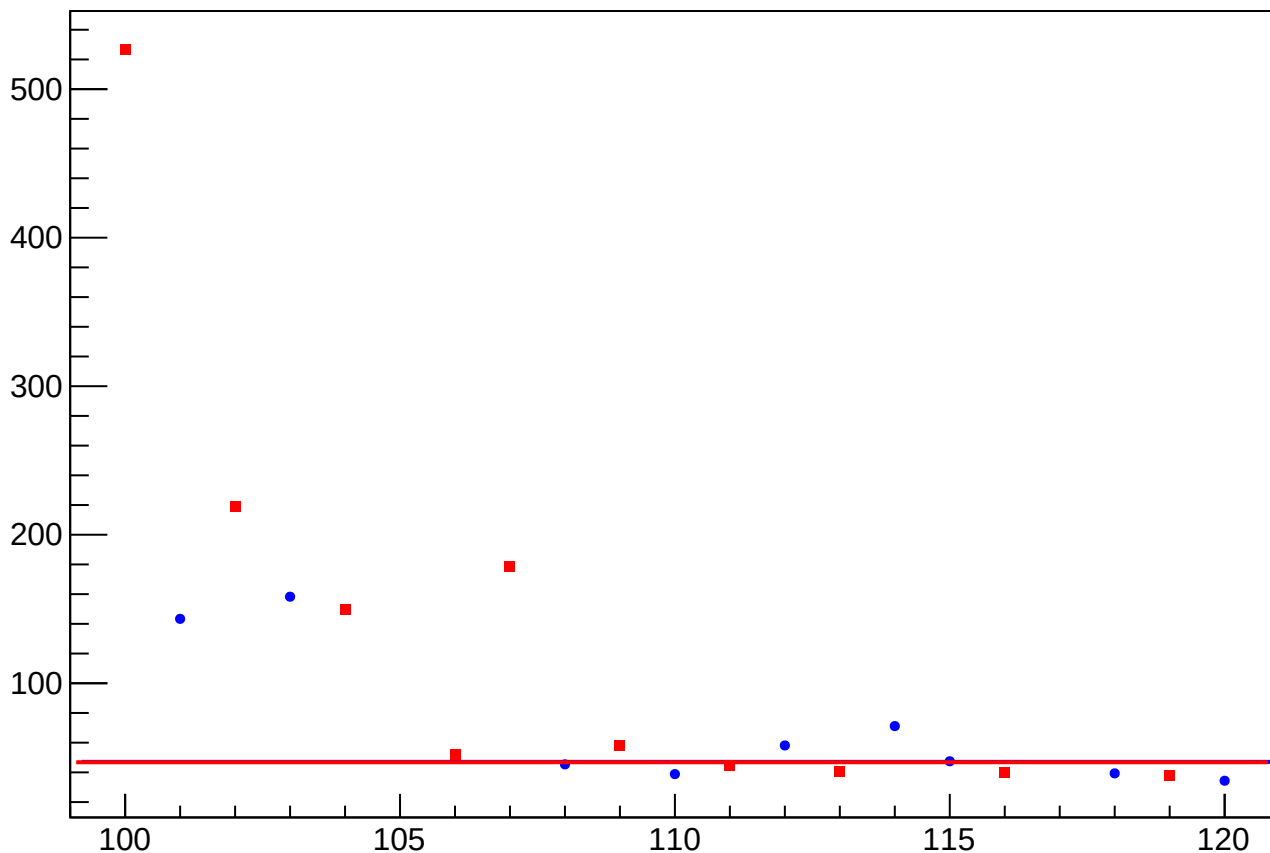
Right: 0.037+/-0.021 χ^2/NDF : 17.8/18

In: 0.055+/-0.030 χ^2/NDF : 8.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.037+/-0.021 χ^2/NDF : 17.8/18

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.079+/-0.021 χ^2/NDF : 1254354.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.822+/-0.021 χ^2/NDF : 1240661.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

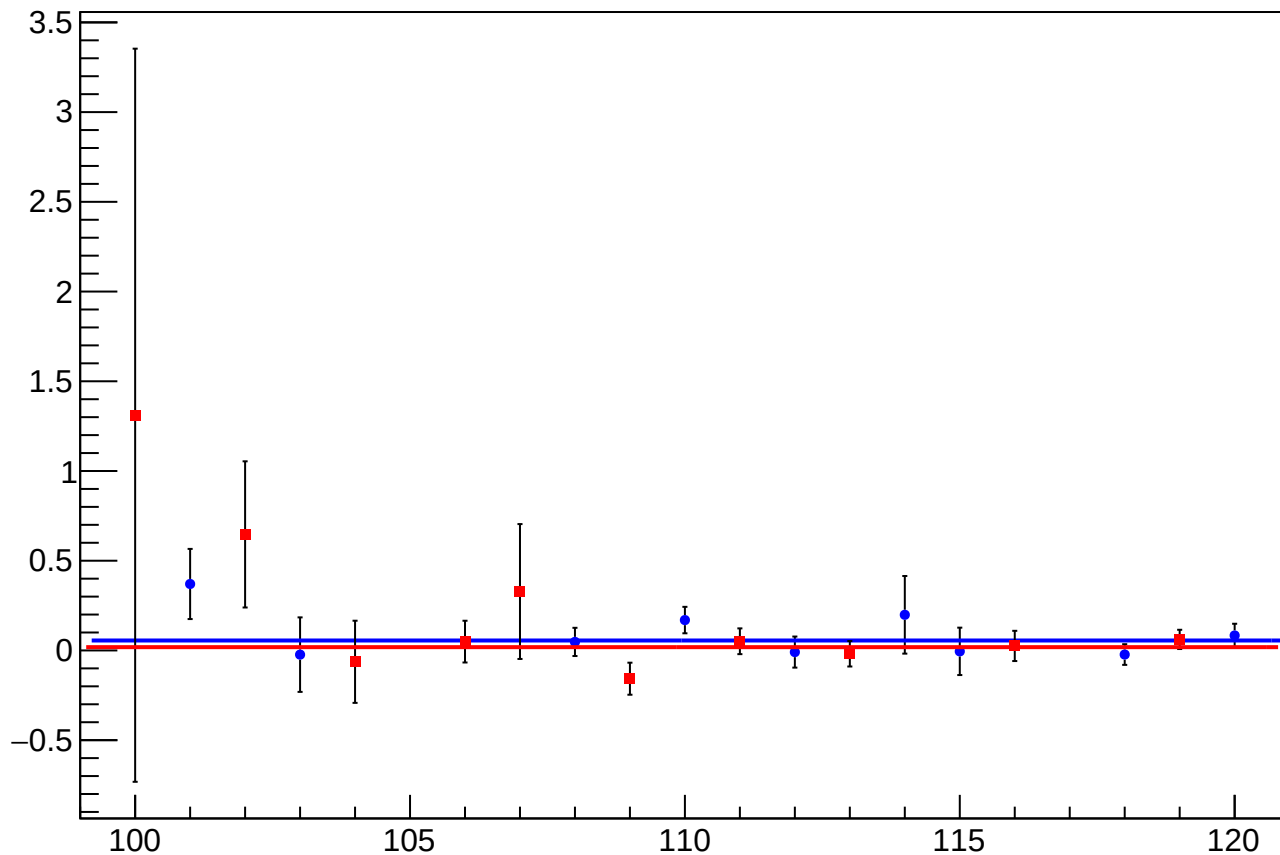
Right: 46.952+/-0.015 χ^2/NDF : 2495090.8/18

In: 47.079+/-0.021 χ^2/NDF : 1254354.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.952+/-0.015 χ^2/NDF : 2495090.8/18

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.055+/-0.030 χ^2/NDF : 8.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.018+/-0.030 χ^2/NDF : 8.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

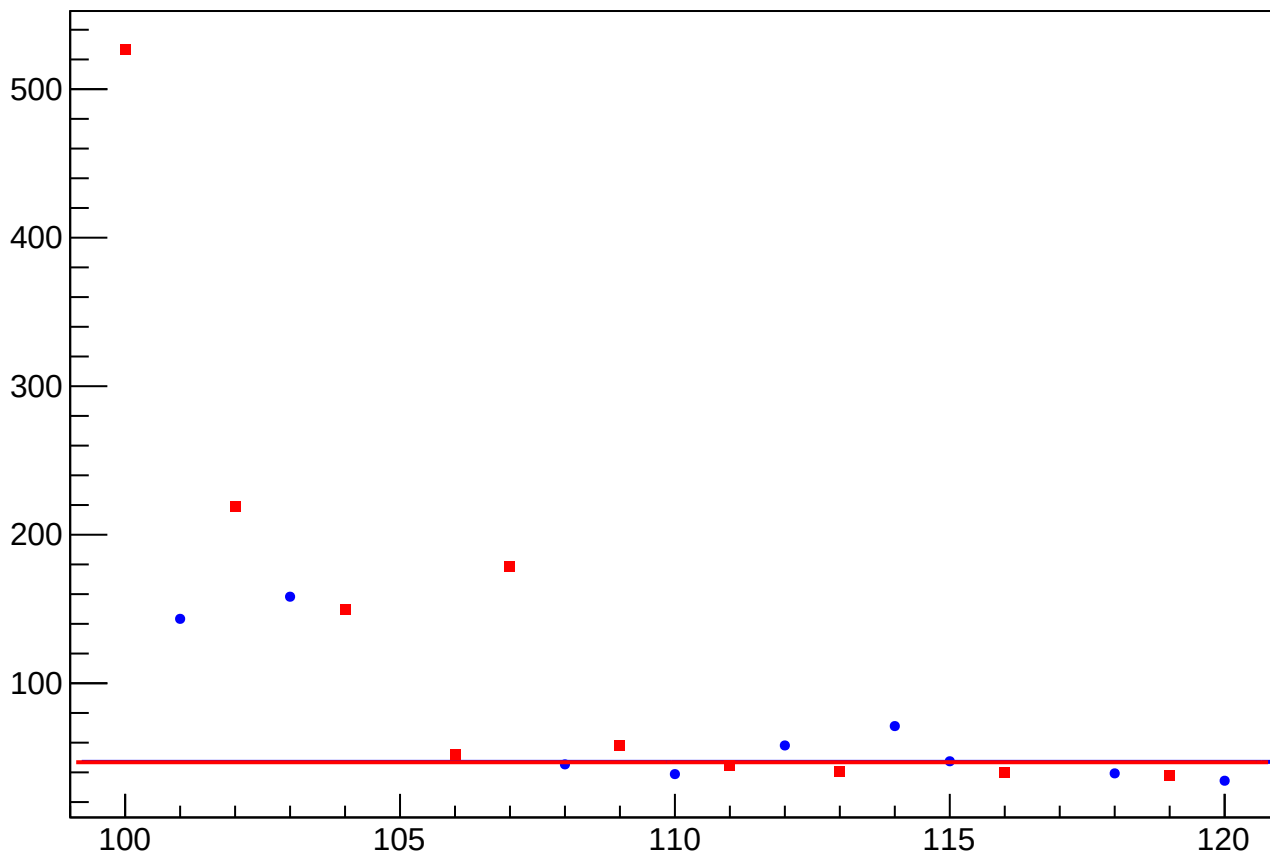
Right: 0.037+/-0.021 χ^2/NDF : 17.8/18

In: 0.055+/-0.030 χ^2/NDF : 8.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.037+/-0.021 χ^2/NDF : 17.8/18

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.079+/-0.021 χ^2/NDF : 1254354.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.822+/-0.021 χ^2/NDF : 1240661.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

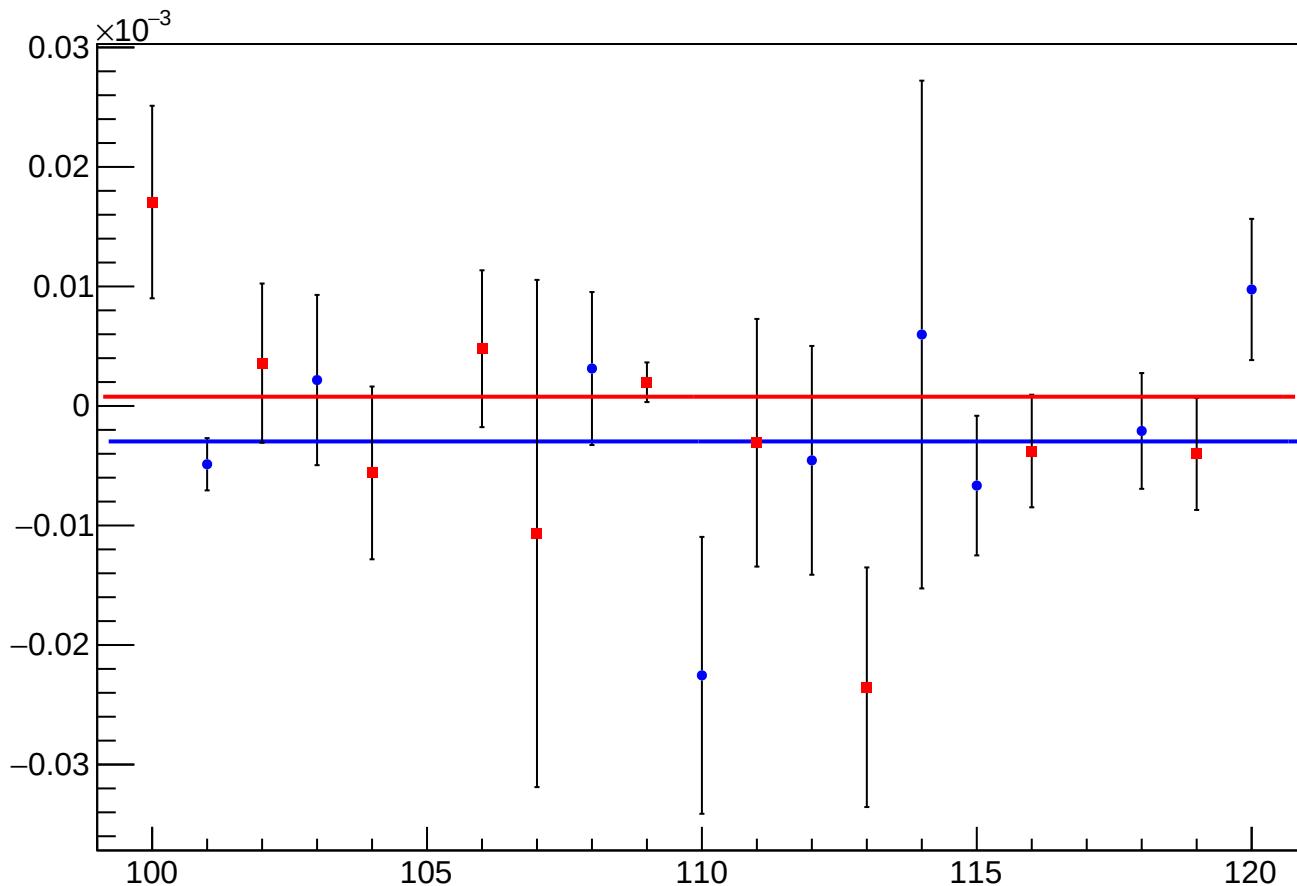
Right: 46.952+/-0.015 χ^2/NDF : 2495090.8/18

In: 47.079+/-0.021 χ^2/NDF : 1254354.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.952+/-0.015 χ^2/NDF : 2495090.8/18

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 : 10.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

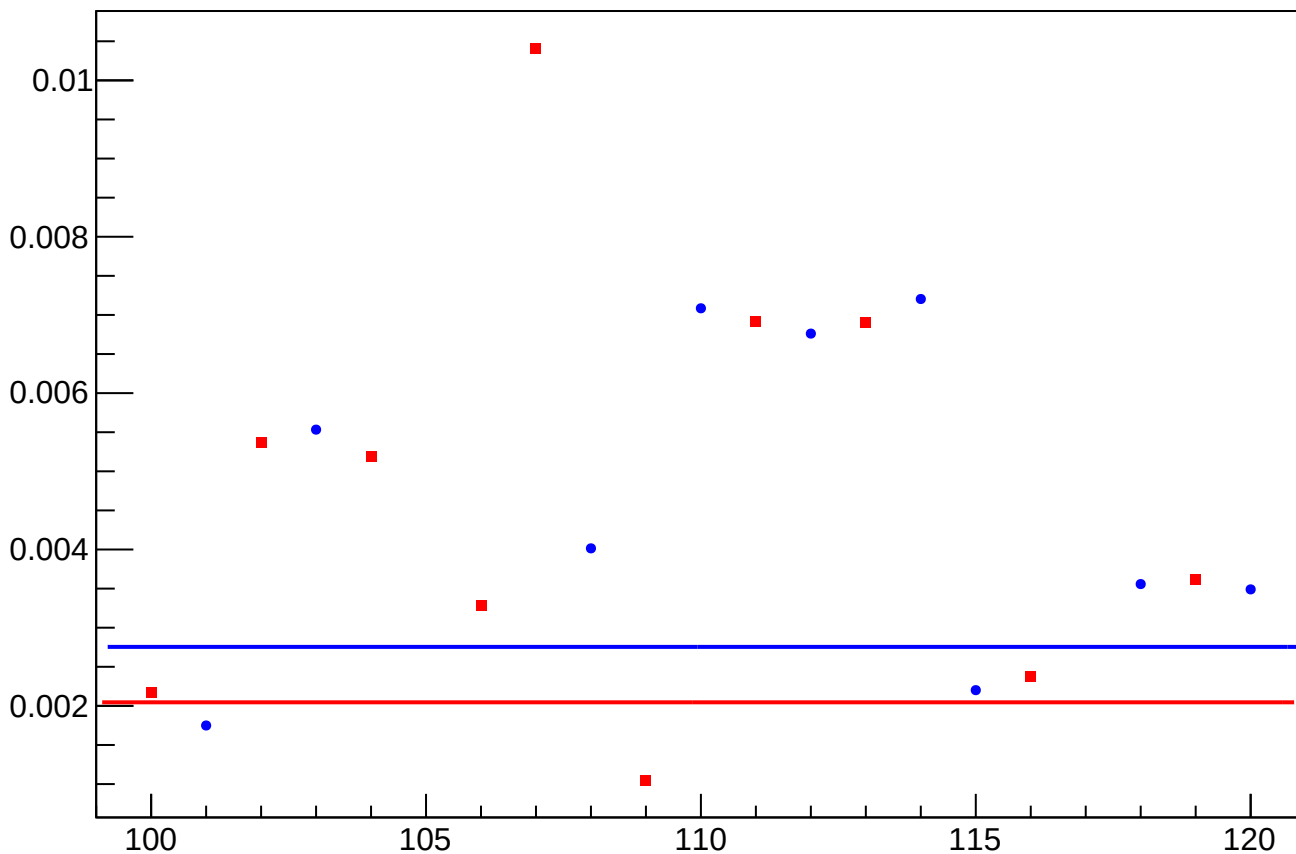
Right: -0.000+/-0.000 χ^2/NDF : 27.7/18

In: -0.000+/-0.000 χ^2/NDF : 10.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.7/18

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 : 1626674.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3134868.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

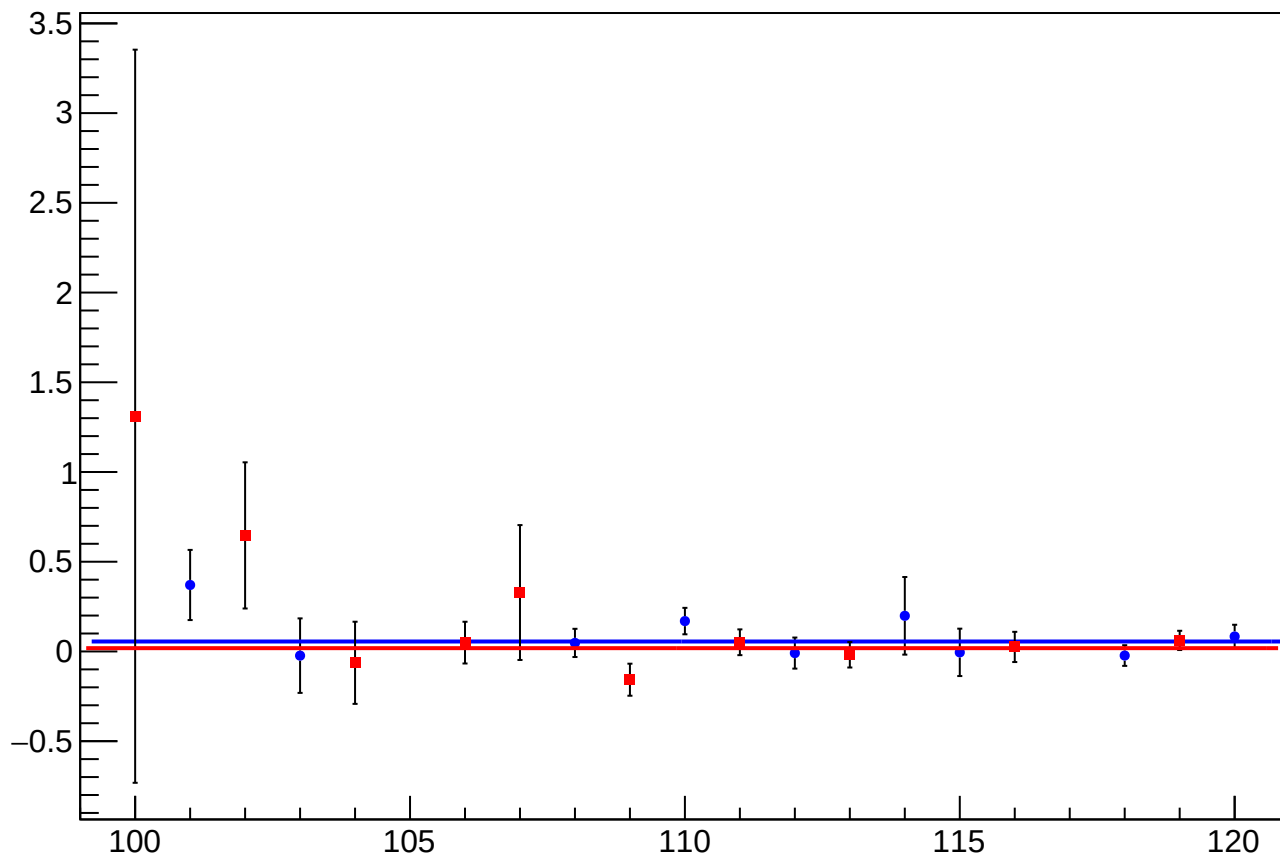
Right: 0.002+/-0.000 χ^2/NDF : 4986514.1/18

In: 0.003+/-0.000 χ^2/NDF :1626674.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4986514.1/18

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.055+/-0.030 χ^2/NDF : 8.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.018+/-0.030 χ^2/NDF : 8.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

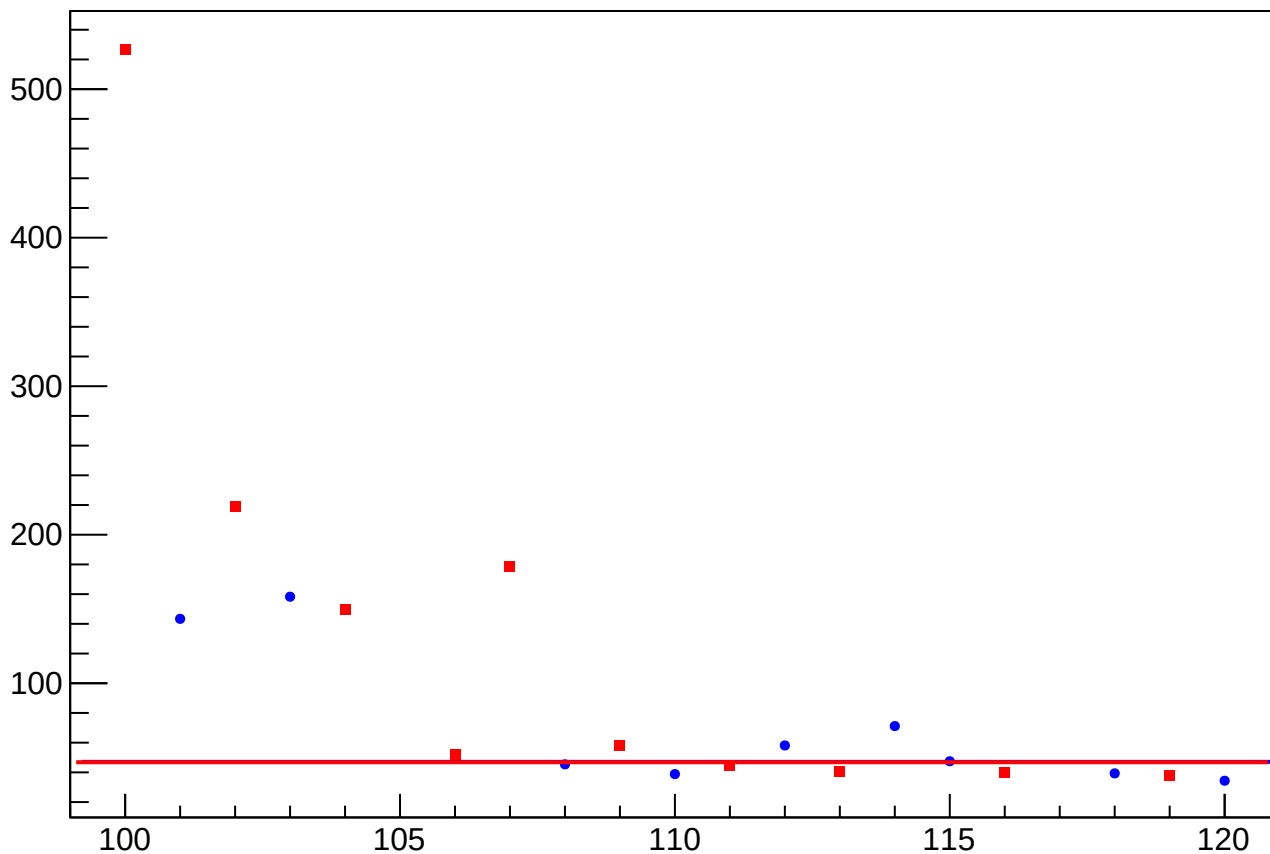
Right: 0.037+/-0.021 χ^2/NDF : 17.8/18

In: 0.055+/-0.030 χ^2/NDF : 8.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.037+/-0.021 χ^2/NDF : 17.8/18

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.078+/-0.021 χ^2/NDF : 1254421.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.824+/-0.021 χ^2/NDF : 1240599.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

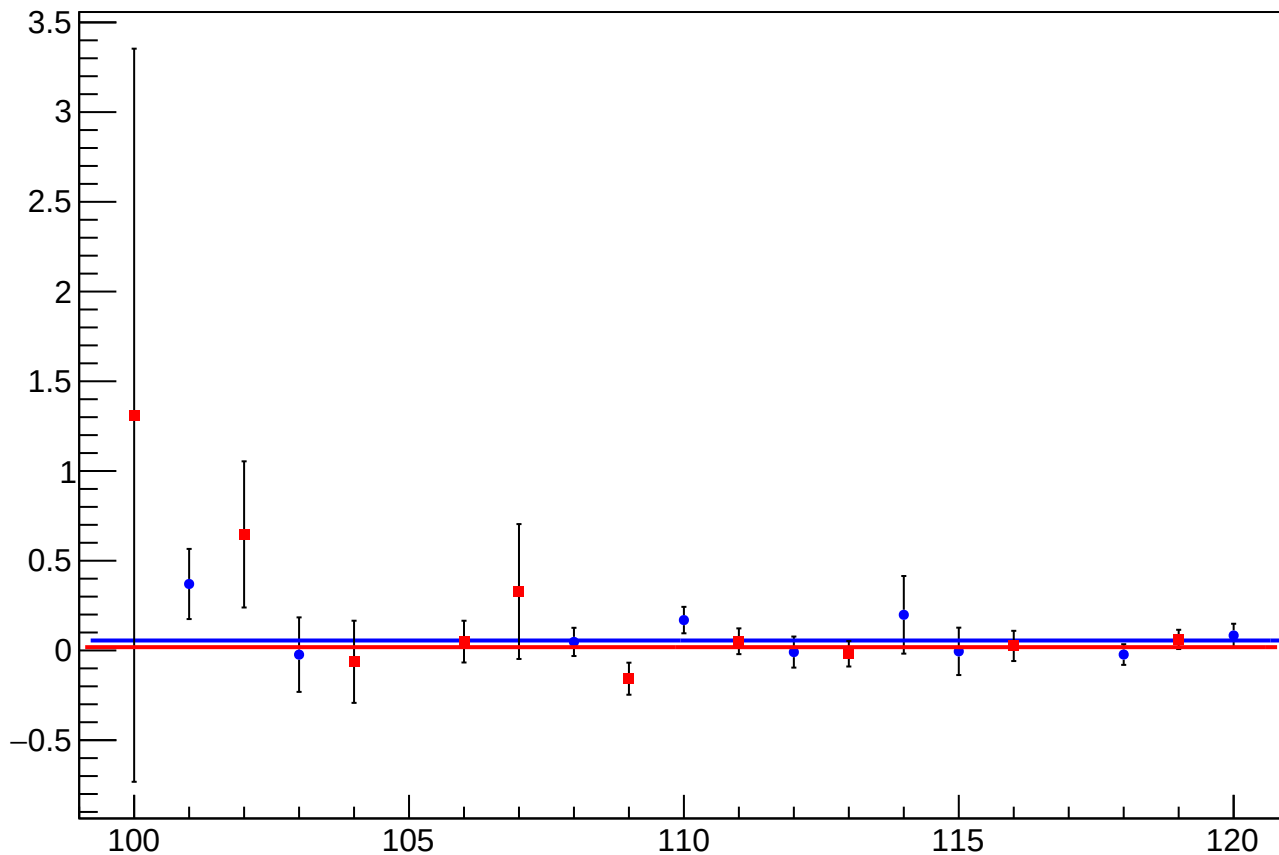
Right: 46.952+/-0.015 χ^2/NDF : 2495094.3/18

In: 47.078+/-0.021 χ^2/NDF : 1254421.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.952+/-0.015 χ^2/NDF : 2495094.3/18

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.055+/-0.030 χ^2/NDF : 8.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.018+/-0.030 χ^2/NDF : 8.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

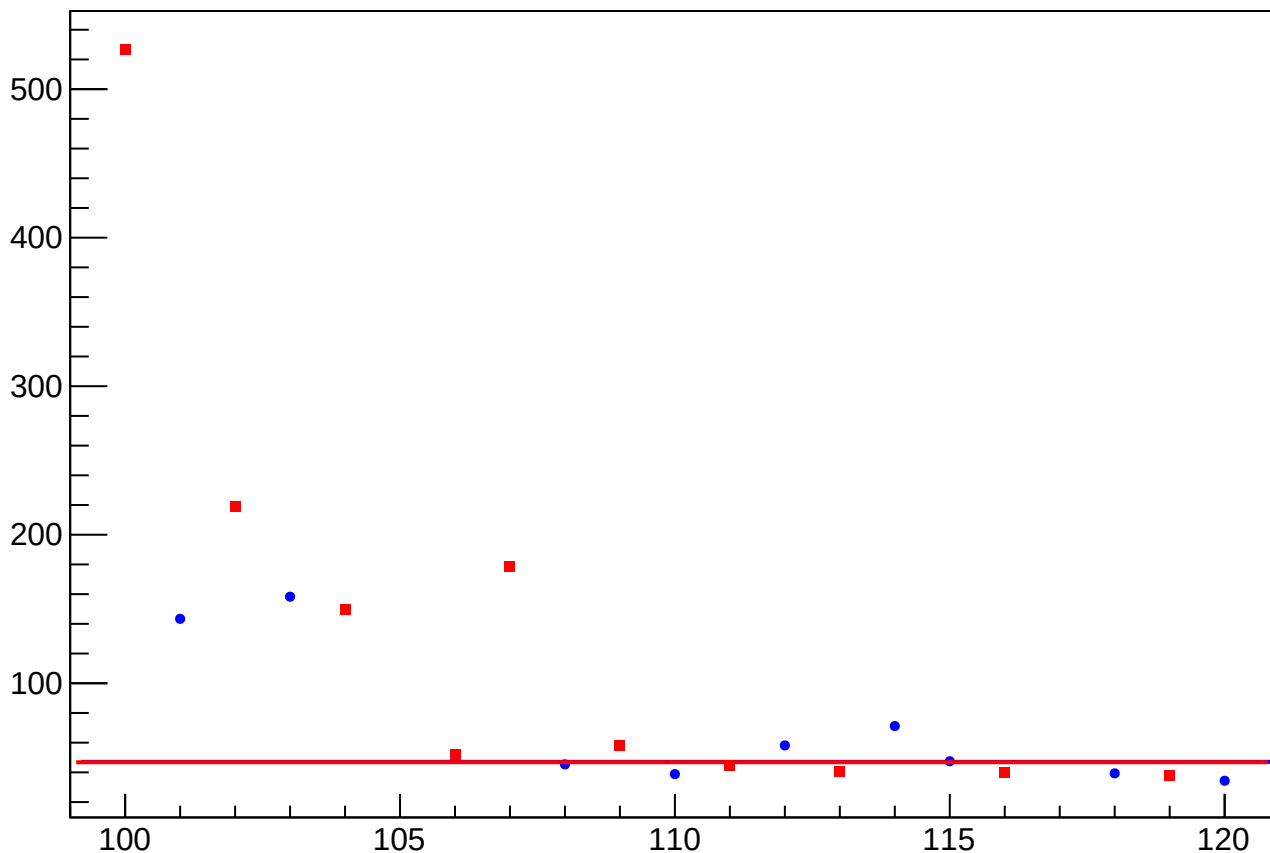
Right: 0.037+/-0.021 χ^2/NDF : 17.8/18

In: 0.055+/-0.030 χ^2/NDF : 8.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.037+/-0.021 χ^2/NDF : 17.8/18

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.078+/-0.021 χ^2/NDF : 1254421.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.824+/-0.021 χ^2/NDF : 1240599.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

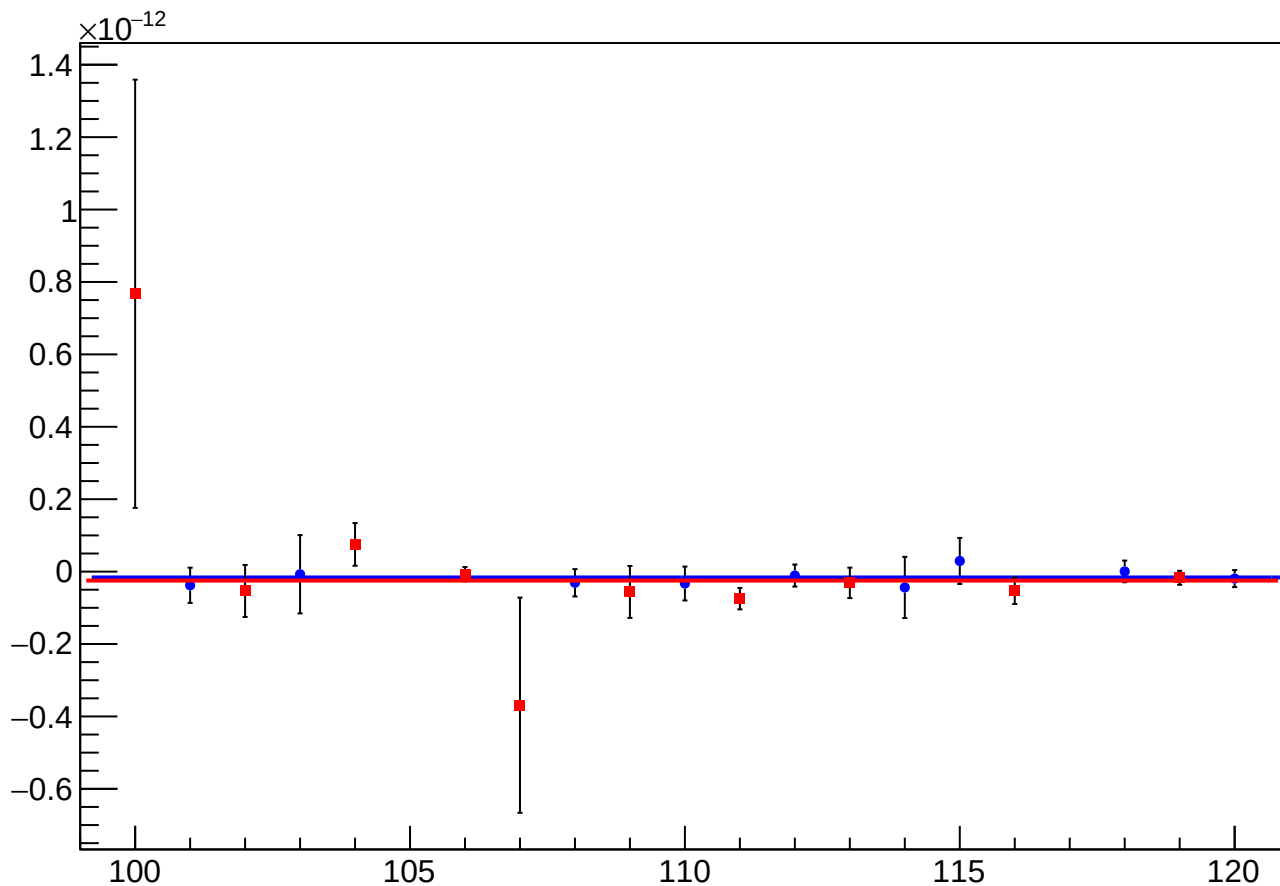
Right: 46.952+/-0.015 χ^2/NDF : 2495094.3/18

In: 47.078+/-0.021 χ^2/NDF : 1254421.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.952+/-0.015 χ^2/NDF : 2495094.3/18

asym_us_dd_at1lr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

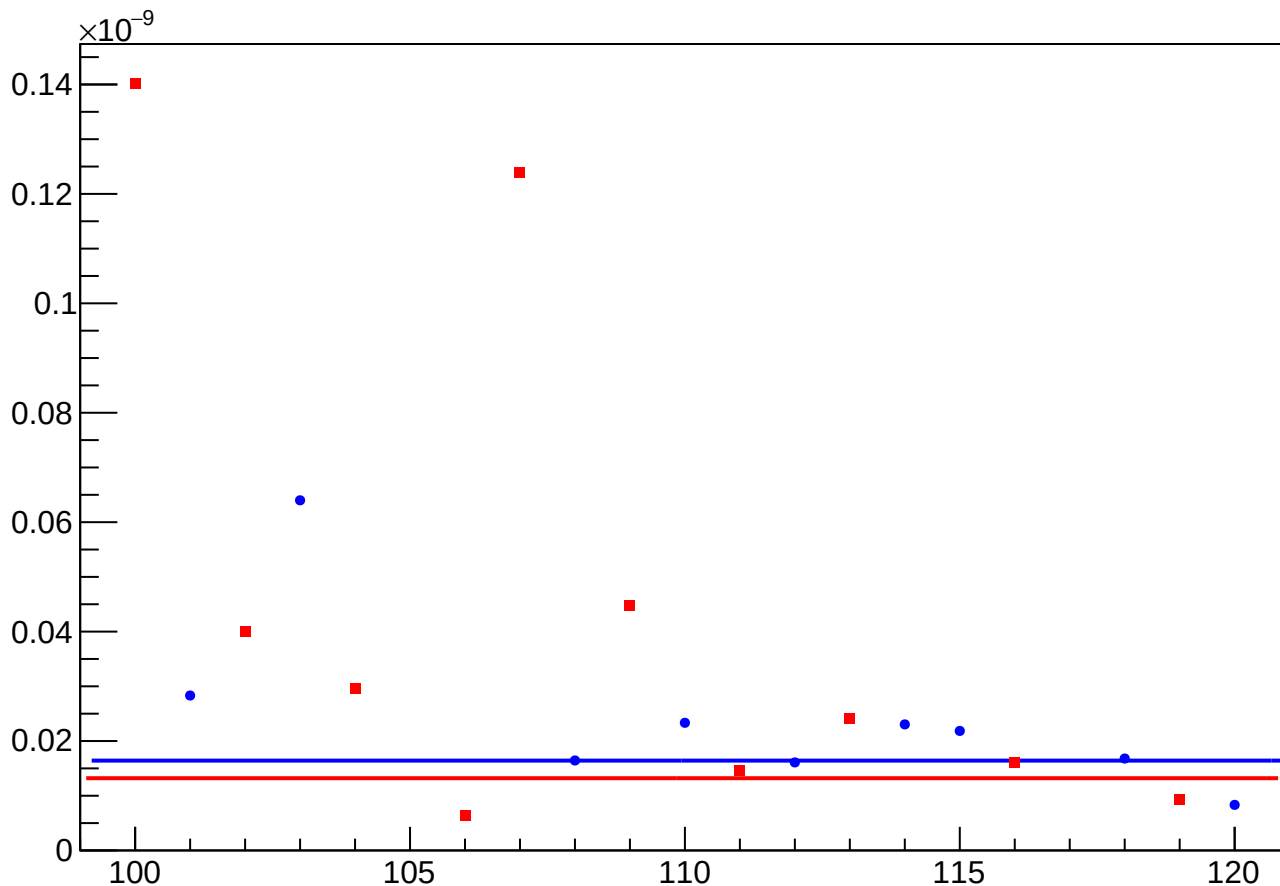
Right: -0.000+/-0.000 χ^2/NDF : 12.5/18

In: -0.000+/-0.000 χ^2/NDF : 1.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.5/18

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 : 813775.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1659769.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

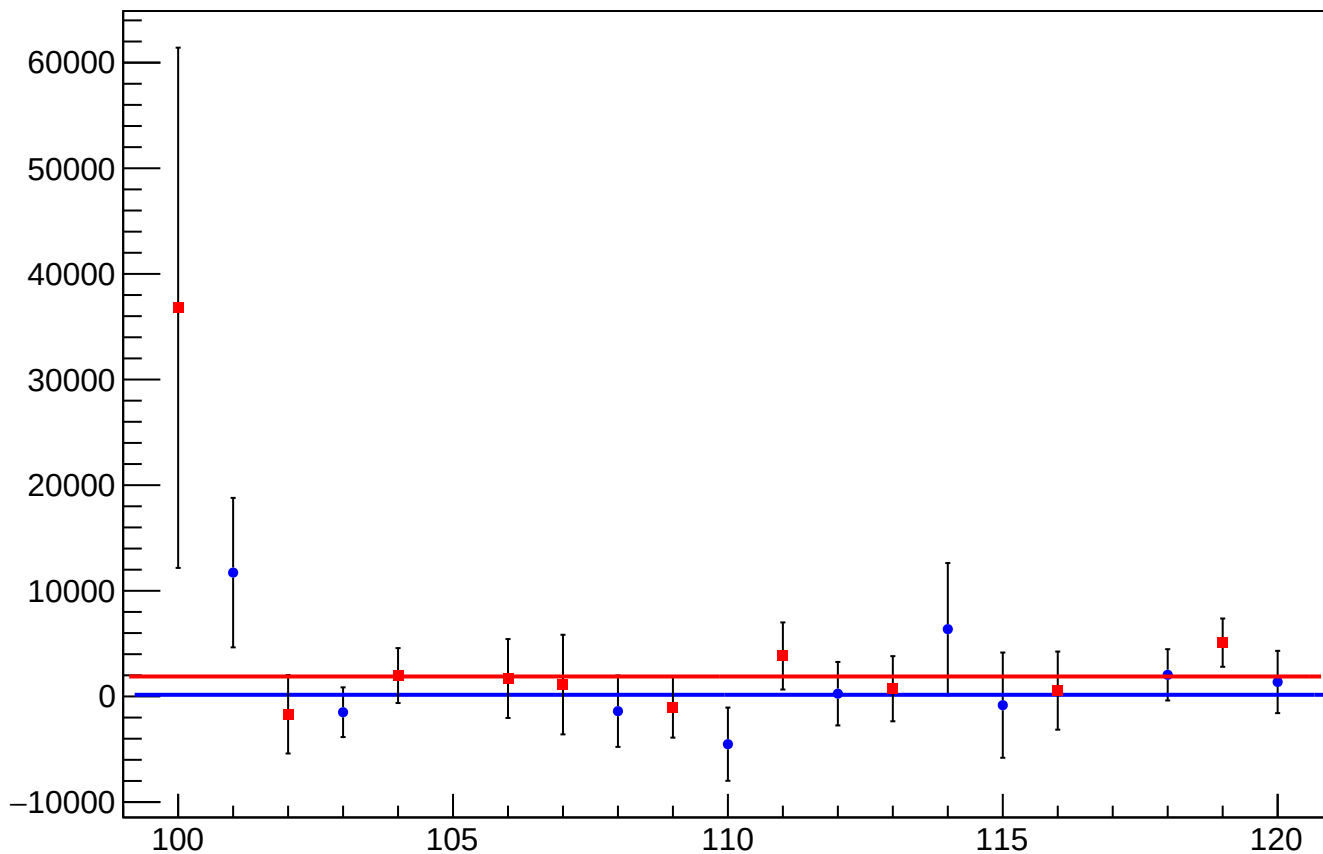
Right: 0.000+/-0.000 χ^2/NDF : 2546252.0/18

In: 0.000+/-0.000 χ^2/NDF : 813775.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2546252.0/18

reg_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 155.256+/-1096.066 χ^2/NDF : 7.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1889.743+/-1038.301 χ^2/NDF : 6.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

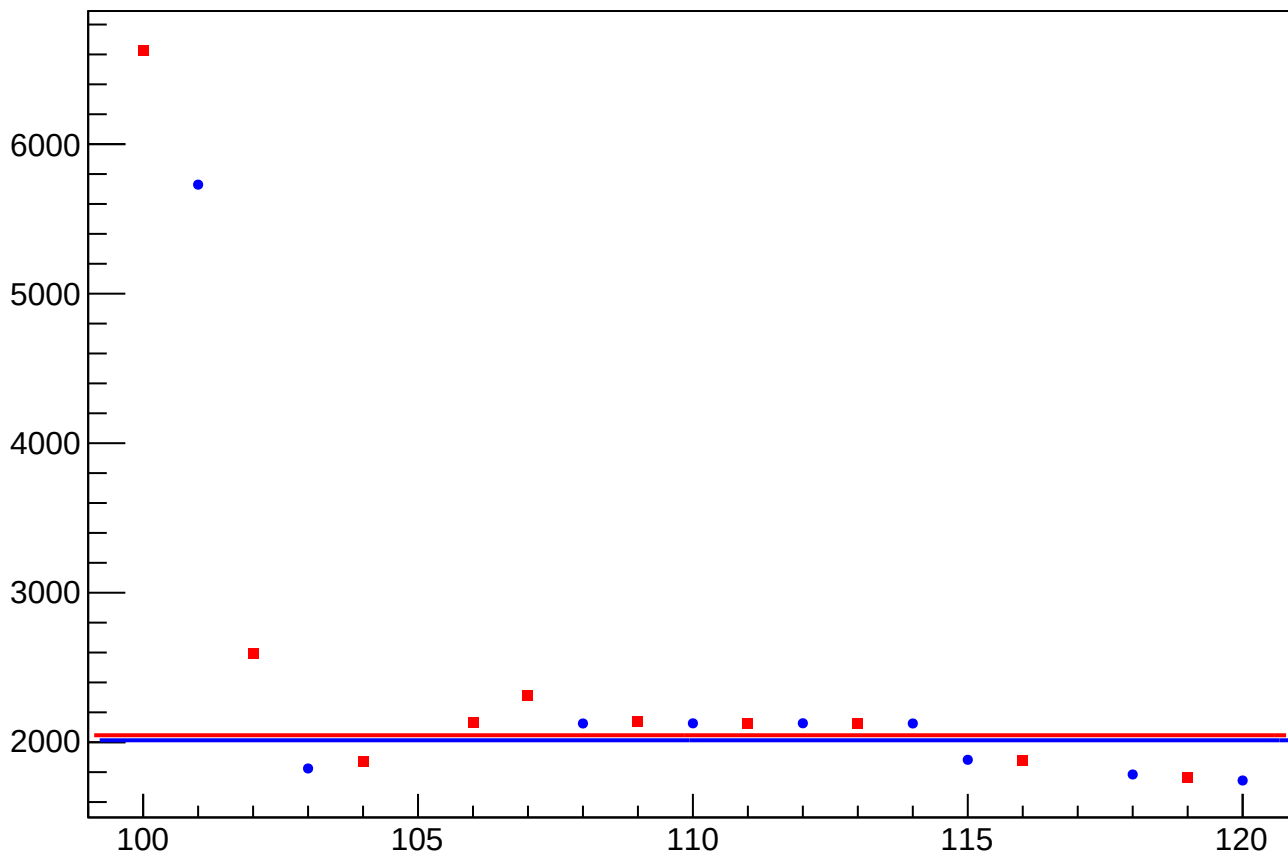
Right: 1069.408+/-753.784 χ^2/NDF : 14.9/18

In: 155.256+/-1096.066 χ^2/NDF : 7.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1069.408+/-753.784 χ^2/NDF : 14.9/18

reg_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2013.097+/-0.775 χ^2/NDF : 608180.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2046.752+/-0.734 χ^2/NDF : 168118.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

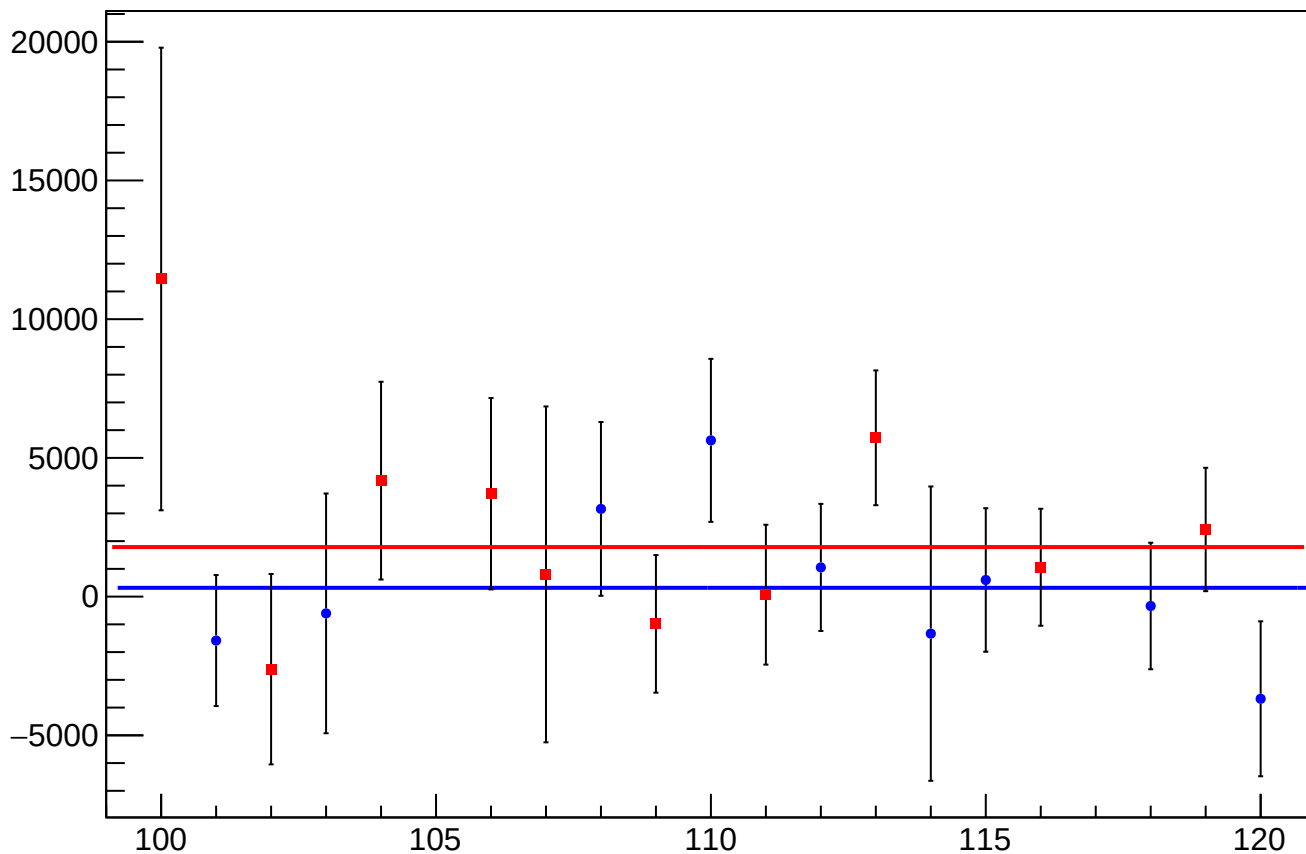
Right: 2030.835+/-0.533 χ^2/NDF : 777293.0/18

In: 2013.097+/-0.775 χ^2/NDF : 608180.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2030.835+/-0.533 χ^2/NDF : 777293.0/18

asym_us_dd_at1lr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 317.244+/-933.764 χ^2/NDF : 7.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1786.007+/-910.606 χ^2/NDF : 8.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

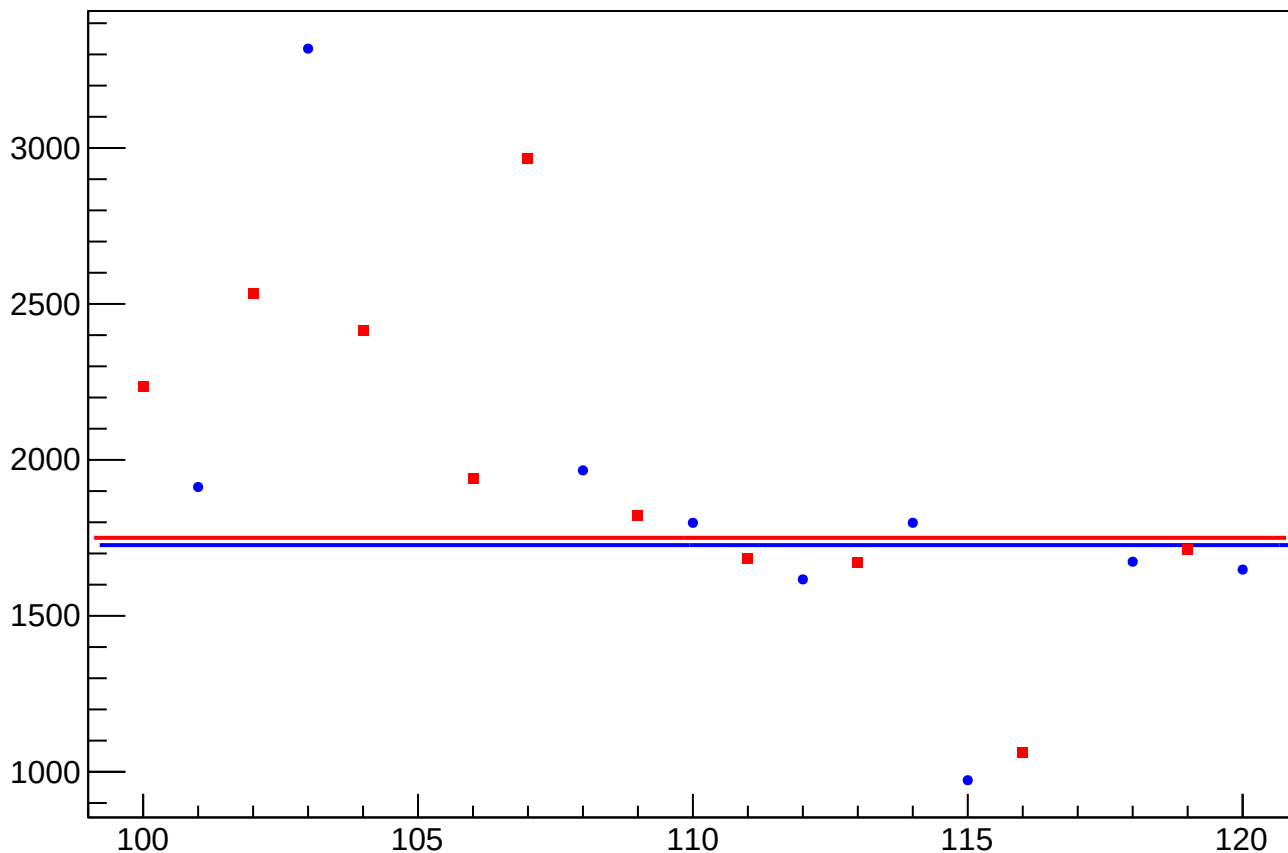
Right: 1070.065+/-651.929 χ^2/NDF : 16.7/18

In: 317.244+/-933.764 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1070.065+/-651.929 χ^2/NDF : 16.7/18

asym_us_dd_at1lr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1726.811+/-0.660 χ^2/NDF : 474228.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1750.210+/-0.644 χ^2/NDF : 485913.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

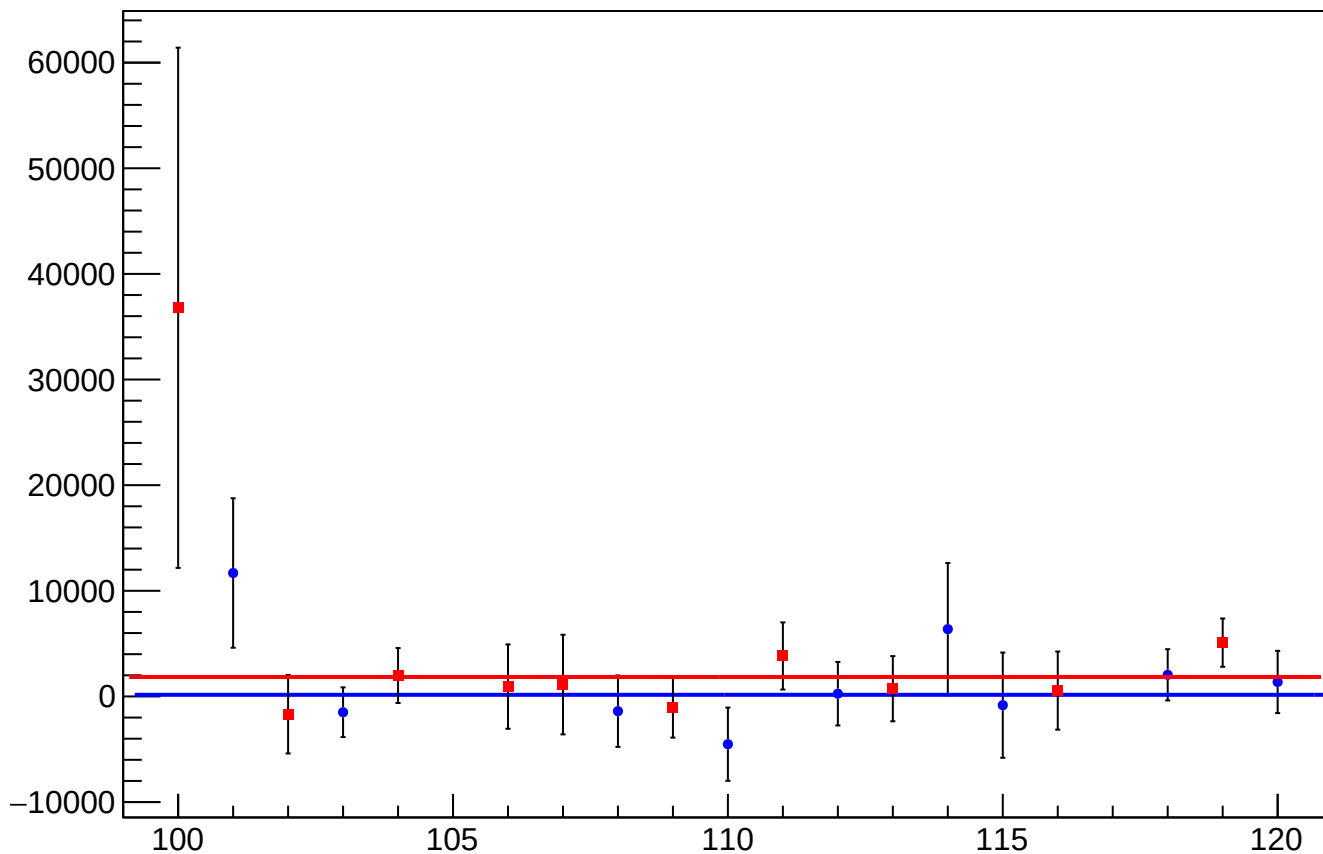
Right: 1738.805+/-0.461 χ^2/NDF : 960786.1/18

In: 1726.811+/-0.660 χ^2/NDF : 474228.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1738.805+/-0.461 χ^2/NDF : 960786.1/18

cor_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 153.688+/-1096.067 χ^2/NDF : 7.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1840.629+/-1043.365 χ^2/NDF : 6.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

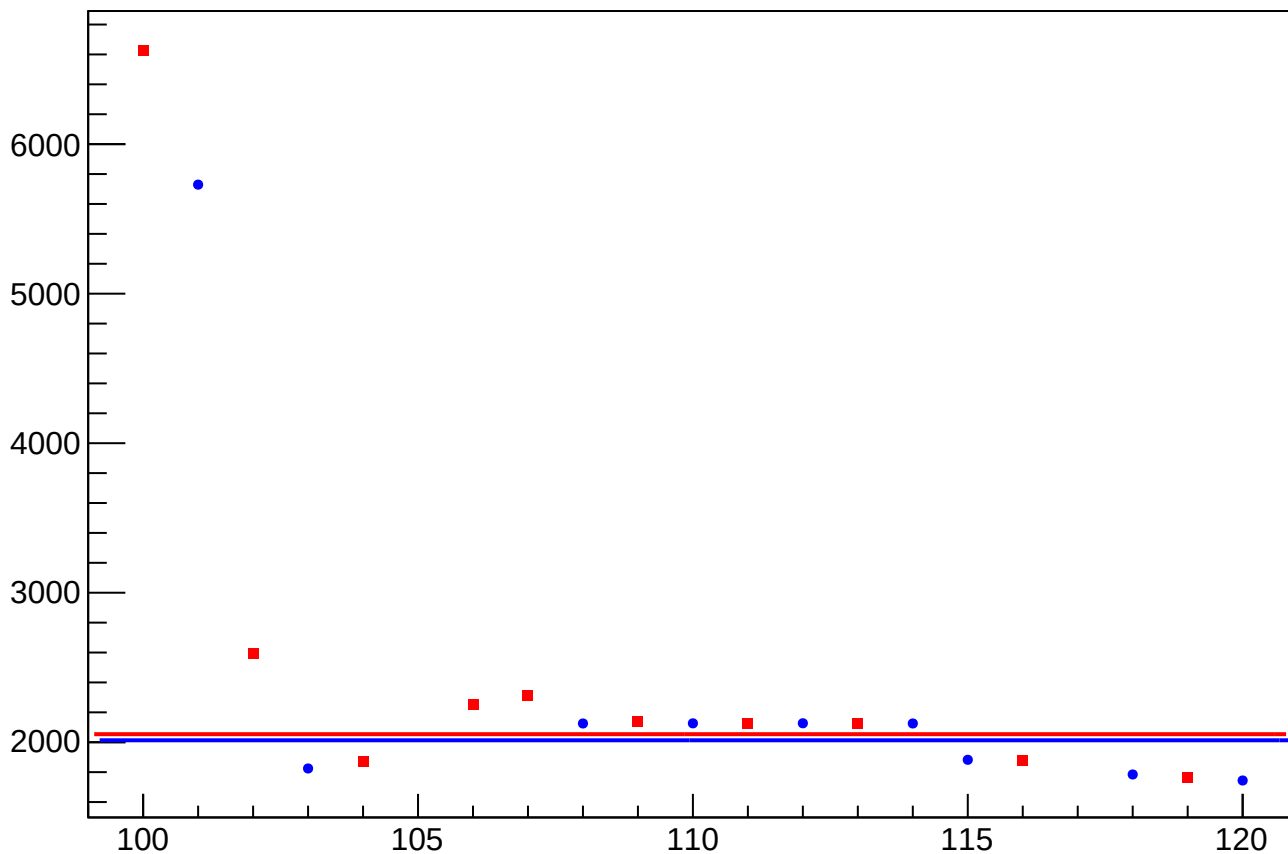
Right: 1038.689+/-755.715 χ^2/NDF : 14.9/18

In: 153.688+/-1096.067 χ^2/NDF : 7.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1038.689+/-755.715 χ^2/NDF : 14.9/18

cor_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2013.097+/-0.775 χ^2/NDF : 608180.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2053.878+/-0.738 χ^2/NDF : 172107.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

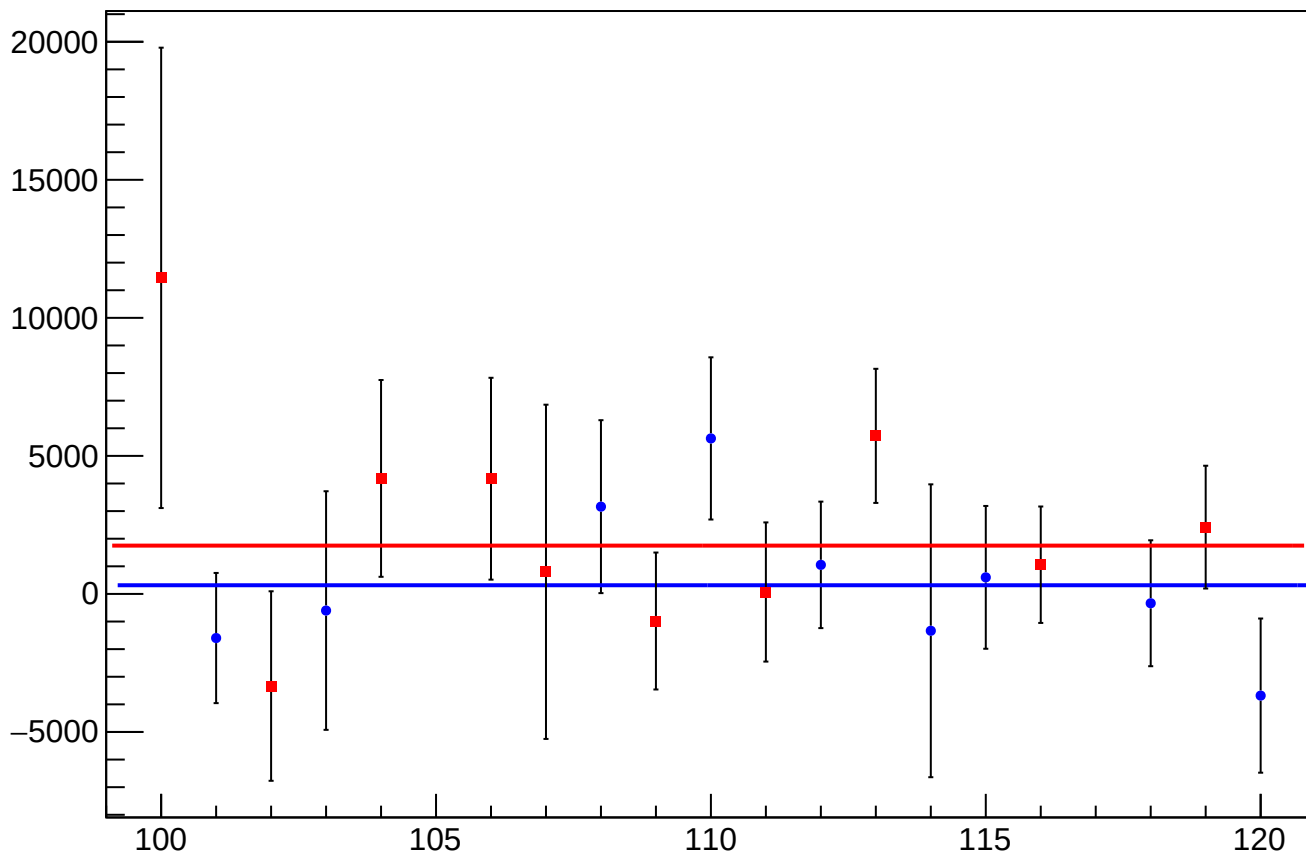
Right: 2034.492+/-0.534 χ^2/NDF : 781740.6/18

In: 2013.097+/-0.775 χ^2/NDF : 608180.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2034.492+/-0.534 χ^2/NDF : 781740.6/18

asym_us_dd_at1lr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 314.416+/-933.568 χ^2/NDF : 7.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1750.023+/-914.132 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

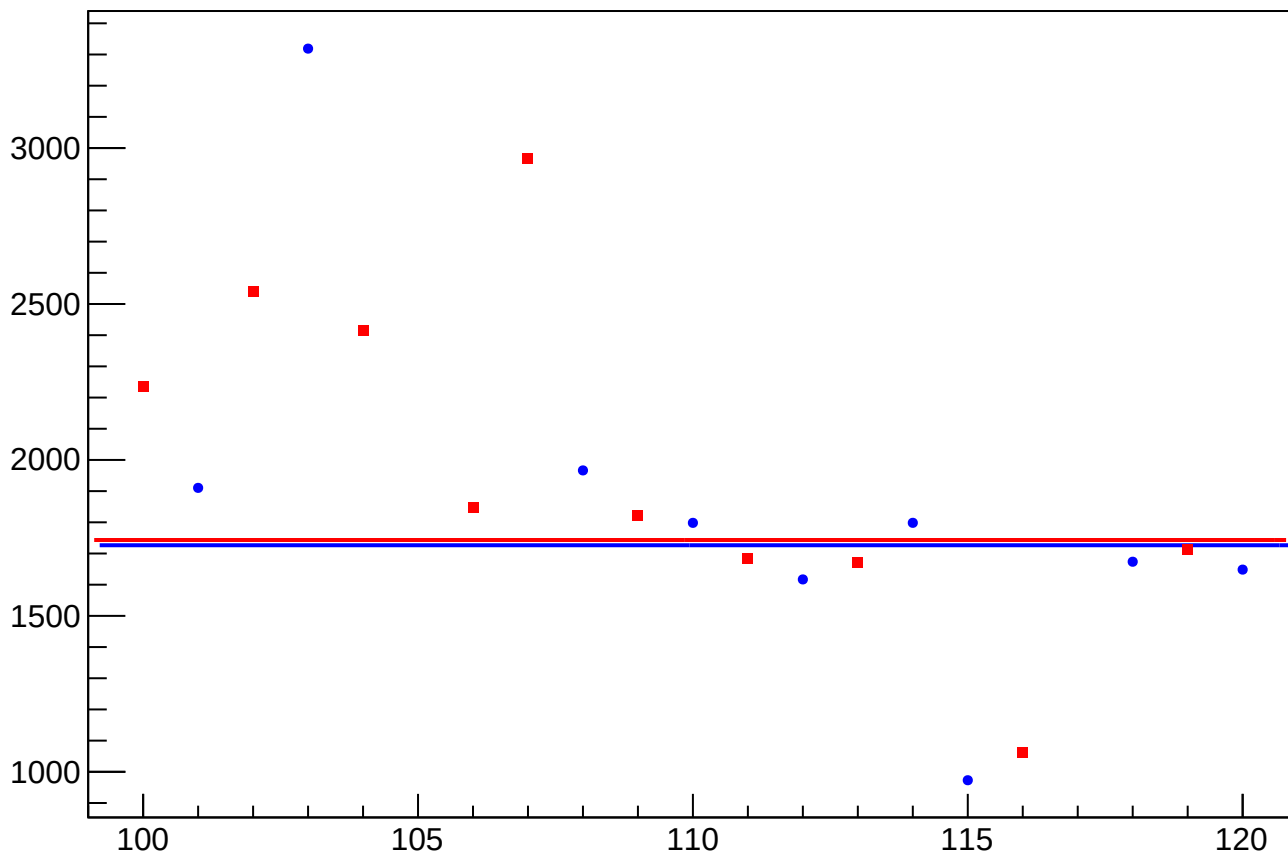
Right: 1047.318+/-653.152 χ^2/NDF : 17.4/18

In: 314.416+/-933.568 χ^2/NDF : 7.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1047.318+/-653.152 χ^2/NDF : 17.4/18

asym_us_dd_at1lr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1726.477+/-0.660 χ^2/NDF : 473965.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1743.286+/-0.646 χ^2/NDF : 482575.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

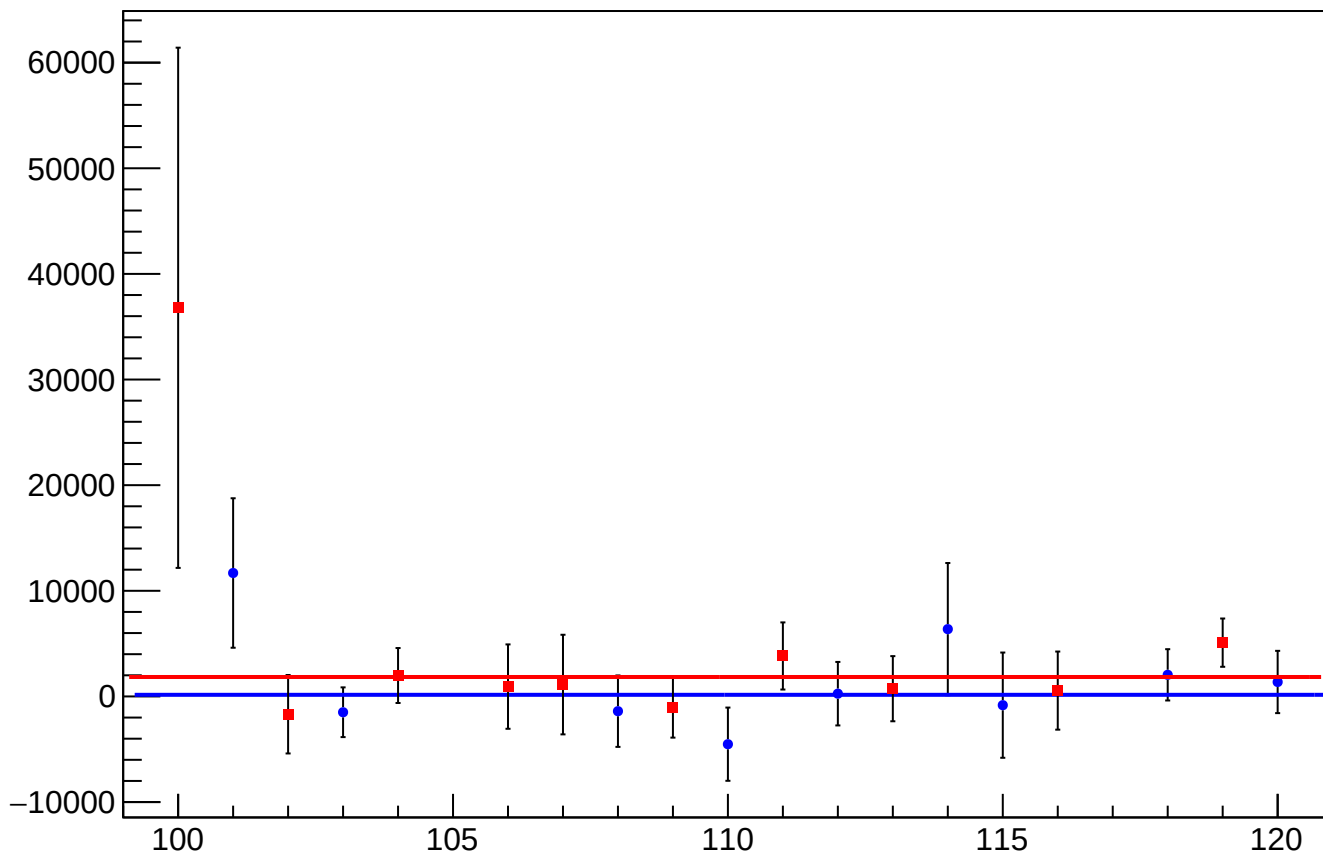
Right: 1735.058+/-0.462 χ^2/NDF : 956871.8/18

In: 1726.477+/-0.660 χ^2/NDF : 473965.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1735.058+/-0.462 χ^2/NDF : 956871.8/18

eigen_cor_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 153.688+/-1096.067 χ^2/NDF : 7.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1840.629+/-1043.365 χ^2/NDF : 6.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

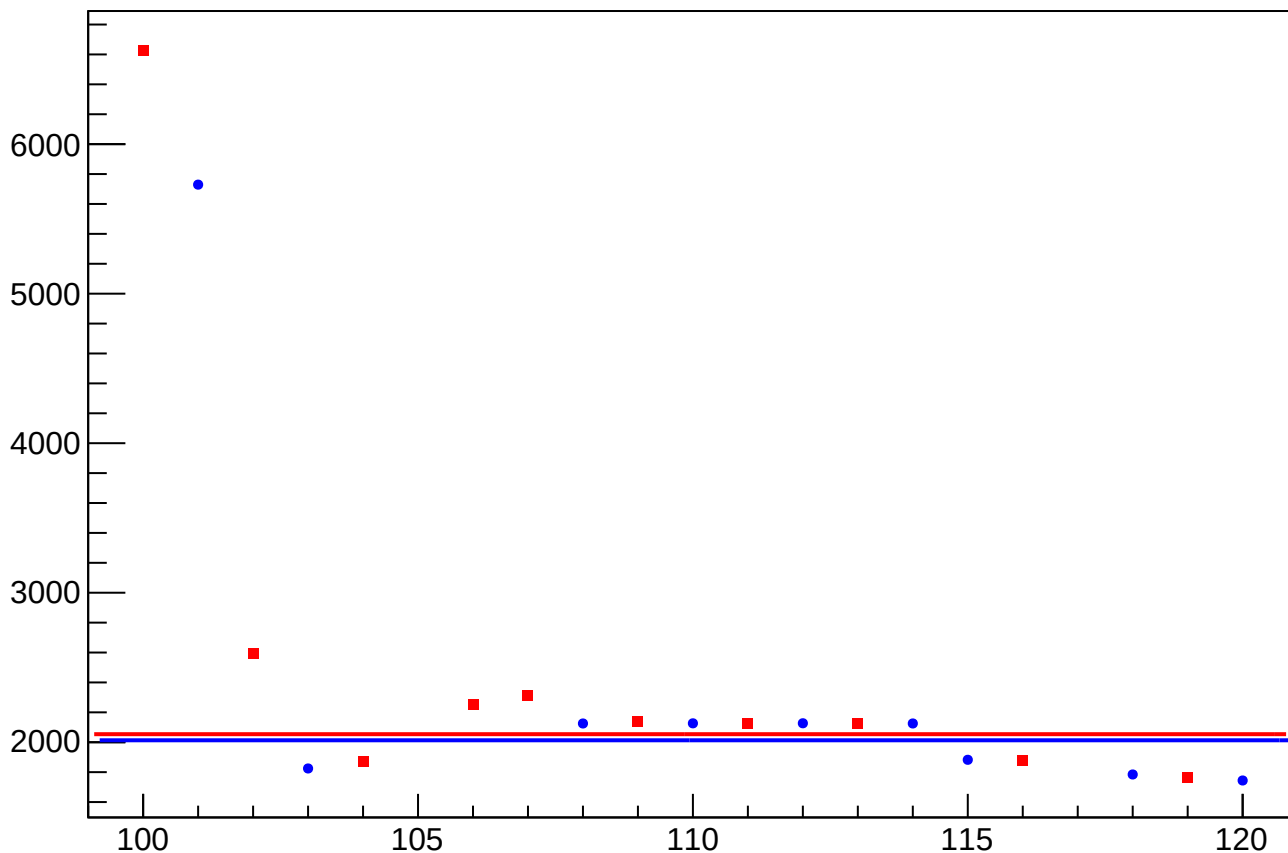
Right: 1038.689+/-755.715 χ^2/NDF : 14.9/18

In: 153.688+/-1096.067 χ^2/NDF : 7.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1038.689+/-755.715 χ^2/NDF : 14.9/18

eigen_cor_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2013.097+/-0.775 χ^2/NDF : 608180.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2053.878+/-0.738 χ^2/NDF : 172107.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

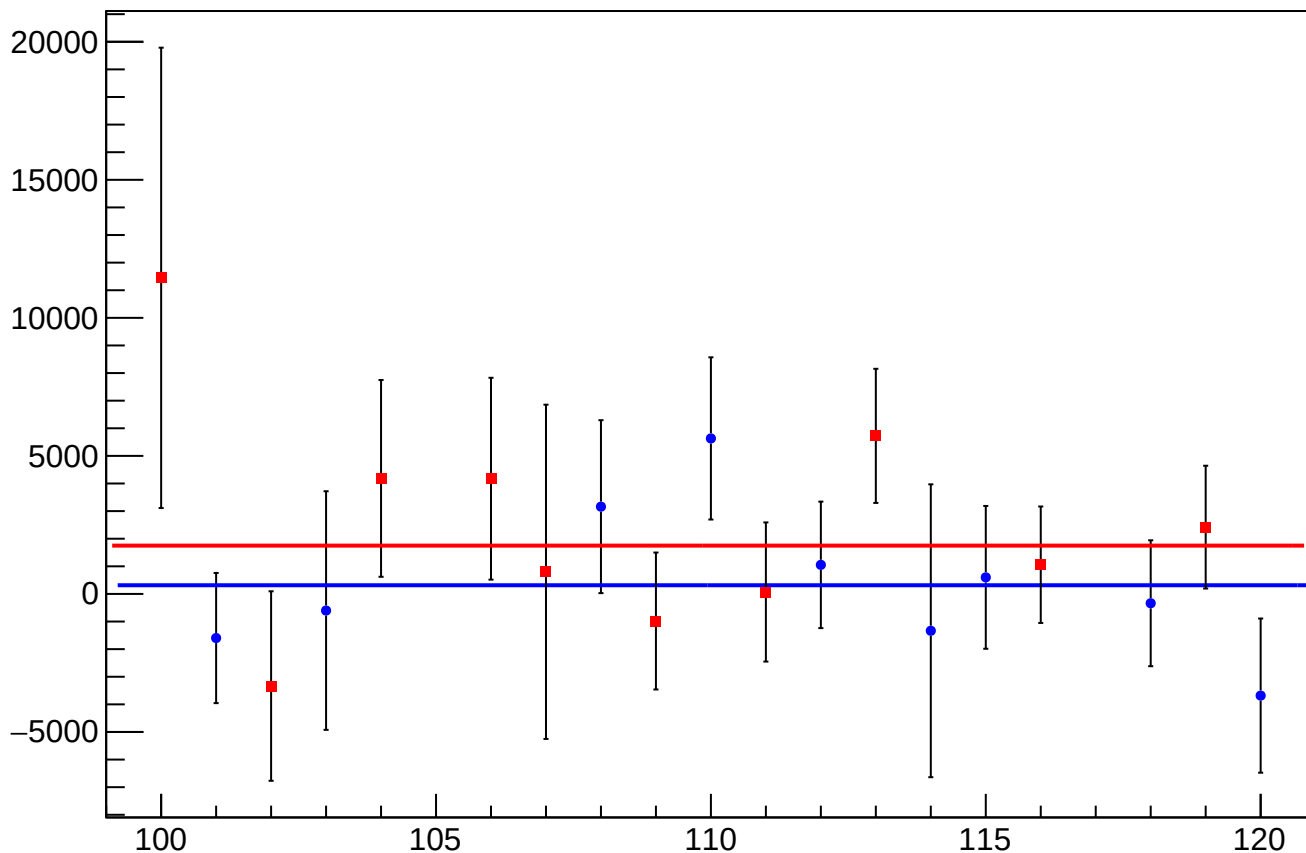
Right: 2034.492+/-0.534 χ^2/NDF : 781740.6/18

In: 2013.097+/-0.775 χ^2/NDF : 608180.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2034.492+/-0.534 χ^2/NDF : 781740.6/18

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 314.416+/-933.568 χ^2/NDF : 7.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1750.023+/-914.132 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

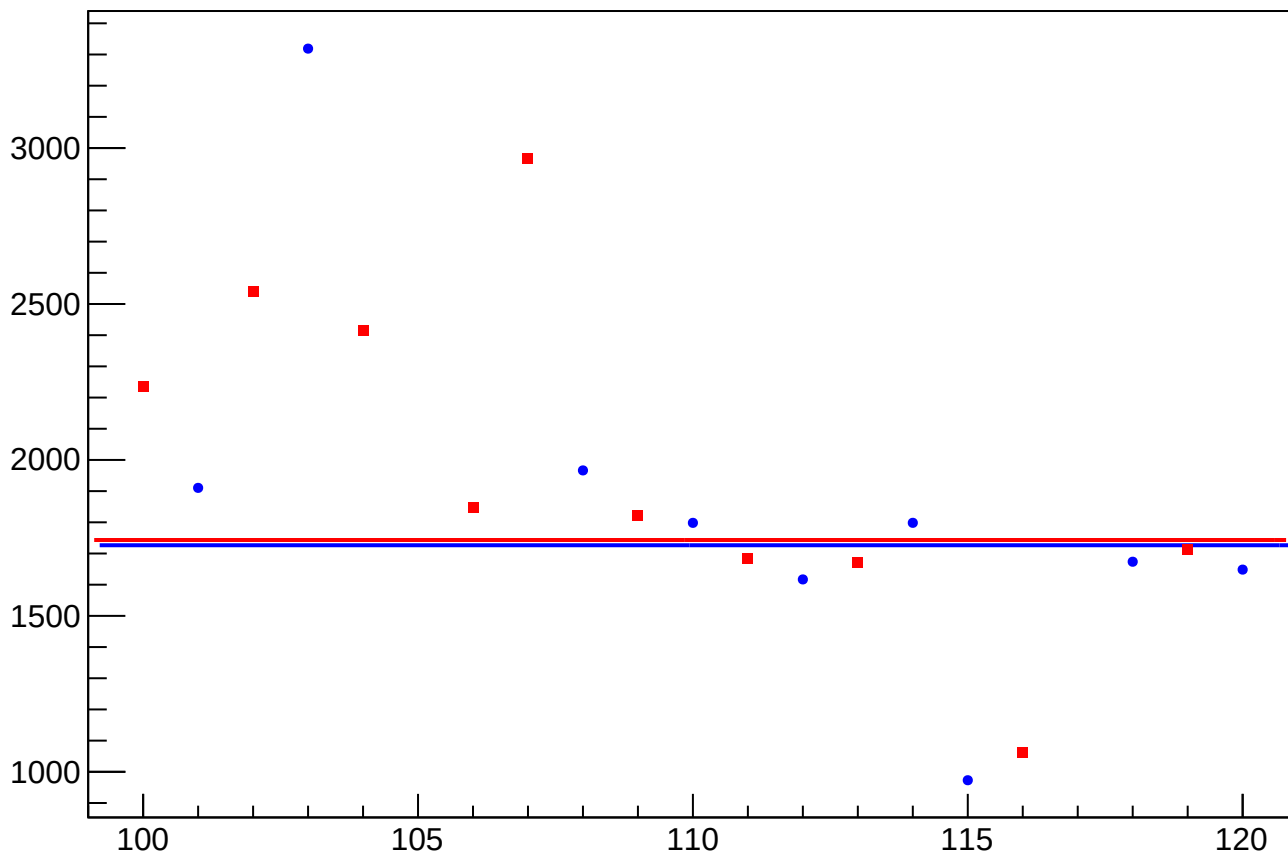
Right: 1047.318+/-653.152 χ^2/NDF : 17.4/18

In: 314.416+/-933.568 χ^2/NDF : 7.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1047.318+/-653.152 χ^2/NDF : 17.4/18

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1726.477+/-0.660 χ^2/NDF : 473965.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1743.286+/-0.646 χ^2/NDF : 482575.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

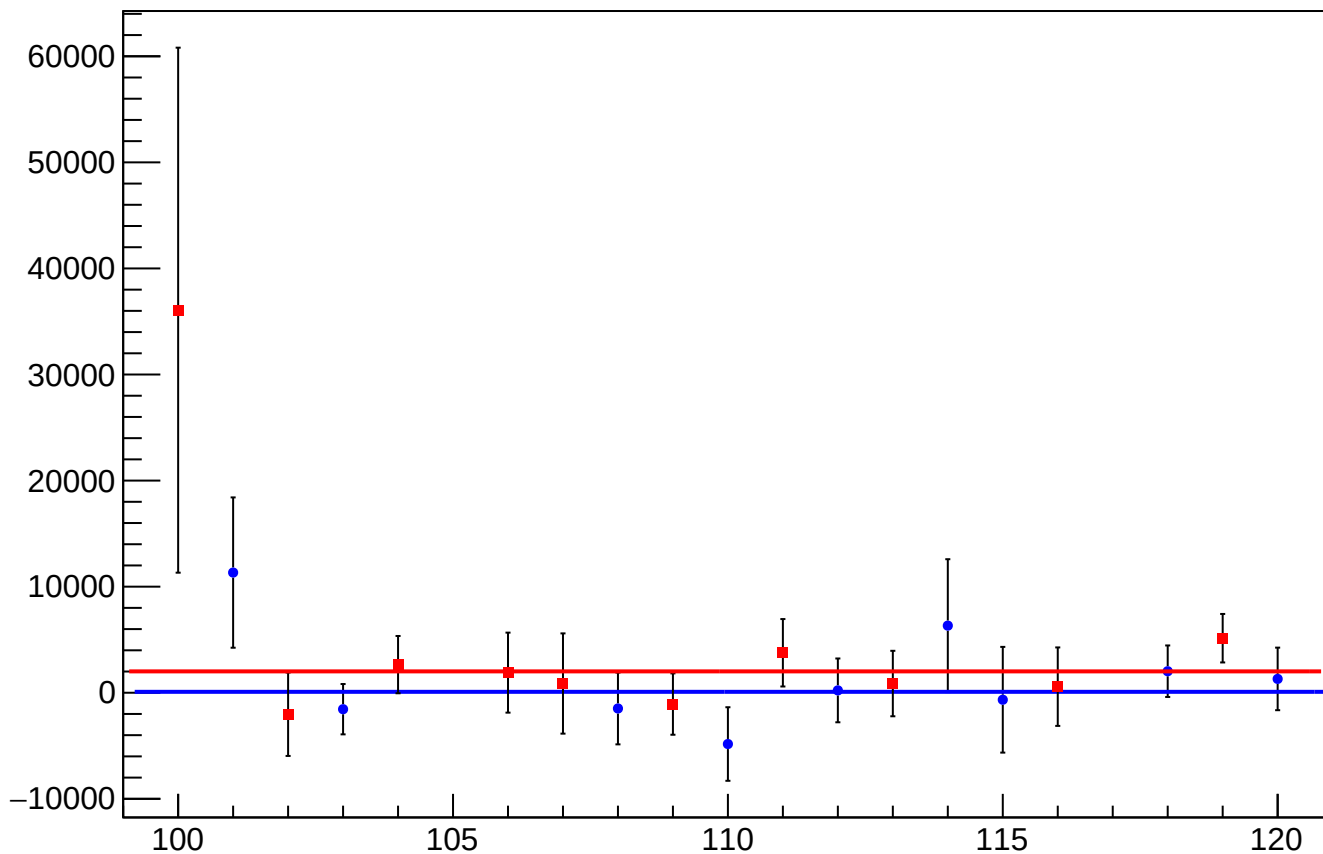
Right: 1735.058+/-0.462 χ^2/NDF : 956871.8/18

In: 1726.477+/-0.660 χ^2/NDF : 473965.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1735.058+/-0.462 χ^2/NDF : 956871.8/18

dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 86.417 $\pm$ 1098.348 χ^2/NDF : 7.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 2013.554 $\pm$ 1050.244 χ^2/NDF : 6.7/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

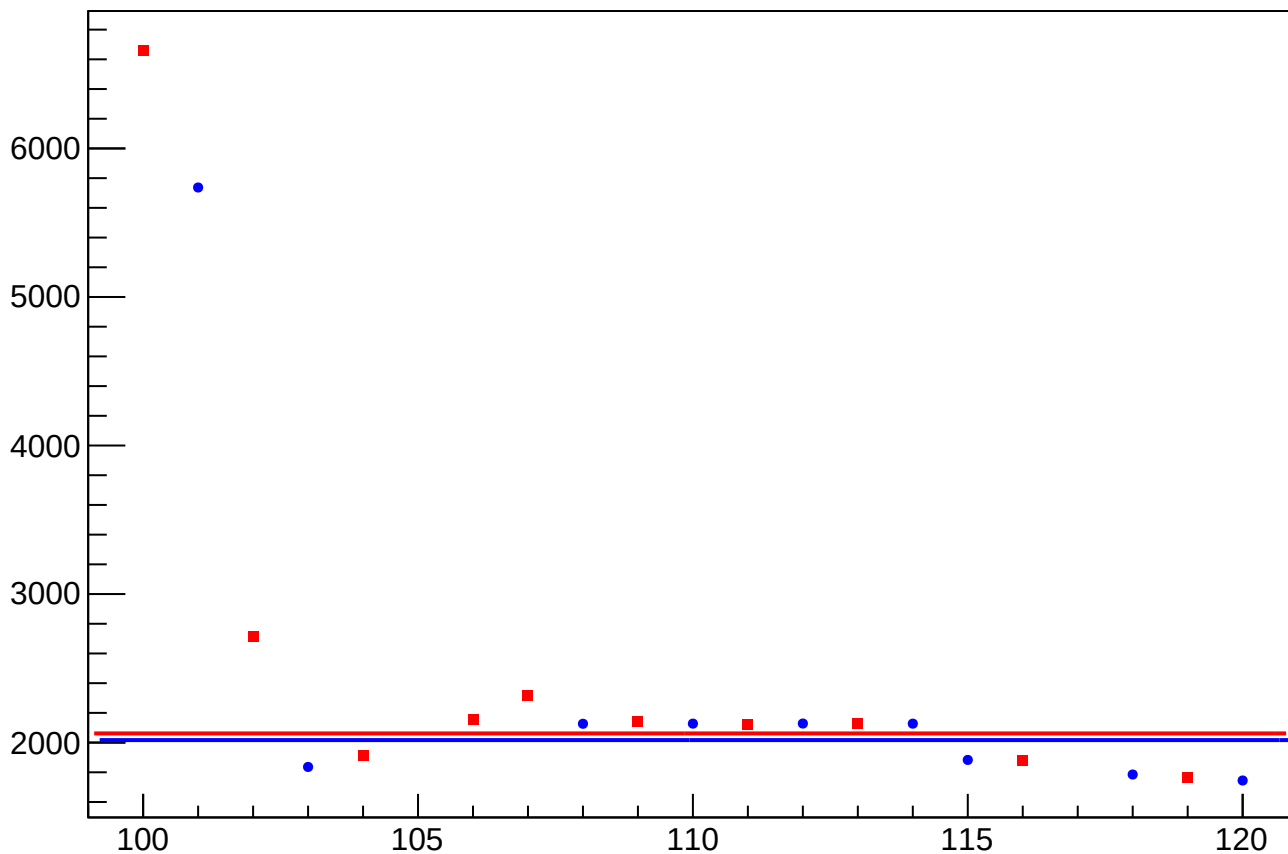
Right: 1093.109 $\pm$ 759.071 χ^2/NDF : 15.3/18

In: 86.417 $\pm$ 1098.348 χ^2/NDF : 7.0/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1093.109 $\pm$ 759.071 χ^2/NDF : 15.3/18

dit_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2016.805+/-0.777 χ^2/NDF : 607266.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2061.707+/-0.743 χ^2/NDF : 178528.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

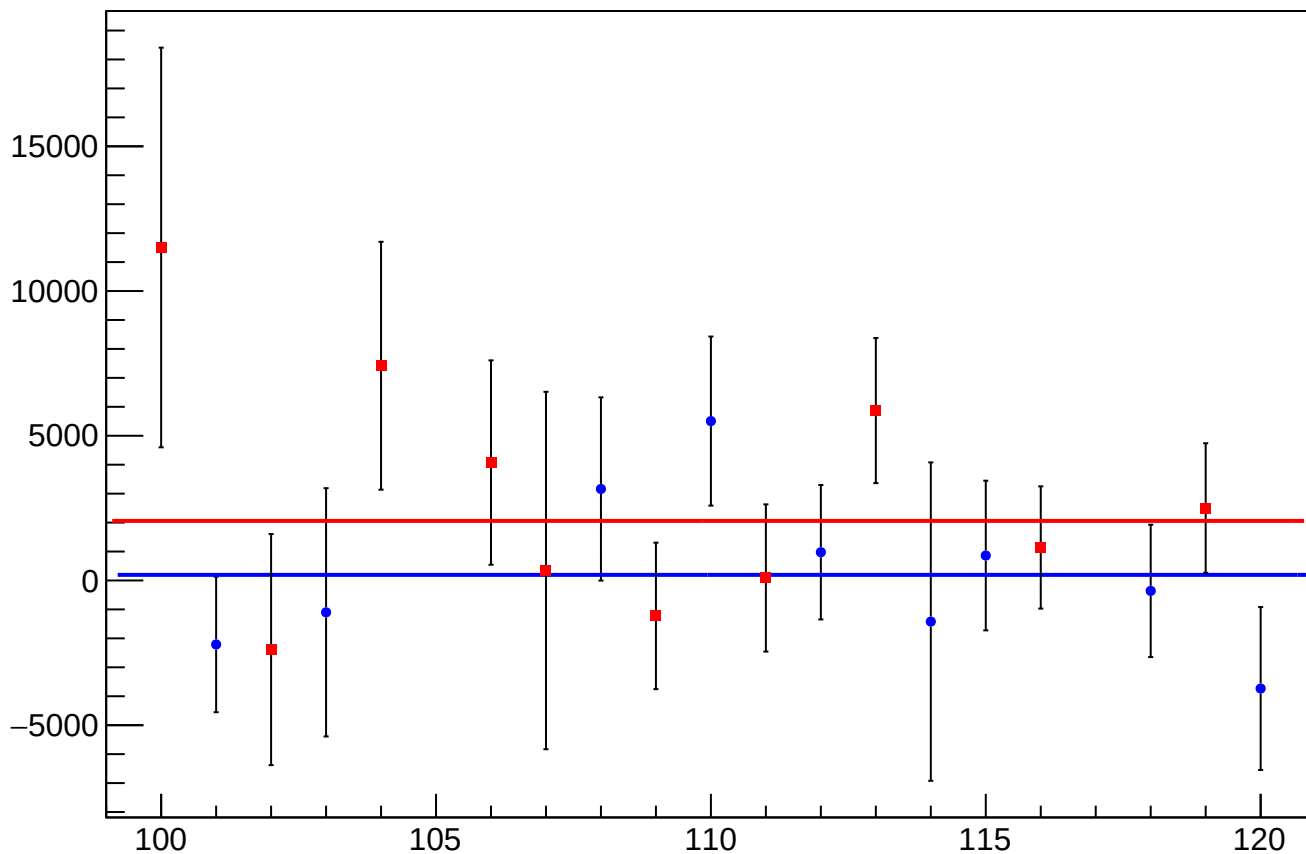
Right: 2040.261+/-0.537 χ^2/NDF : 787540.6/18

In: 2016.805+/-0.777 χ^2/NDF : 607266.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2040.261+/-0.537 χ^2/NDF : 787540.6/18

asym_us_dd_at1lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 193.899+/-936.935 χ^2/NDF : 7.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2058.379+/-937.153 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

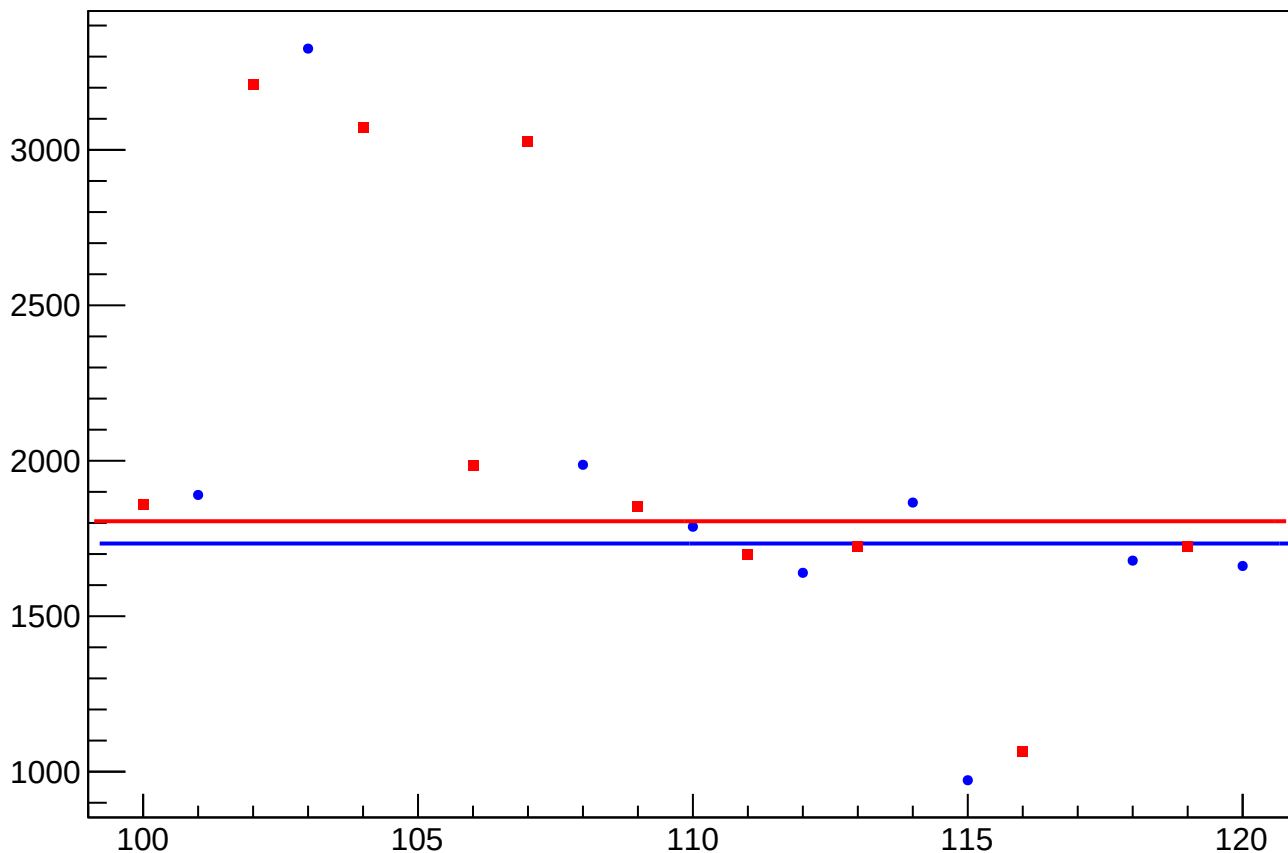
Right: 1125.922+/-662.590 χ^2/NDF : 19.5/18

In: 193.899+/-936.935 χ^2/NDF : 7.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1125.922+/-662.590 χ^2/NDF : 19.5/18

asym_us_dd_at1lr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1733.856+/-0.663 χ^2/NDF : 478262.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1805.512+/-0.663 χ^2/NDF : 761216.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

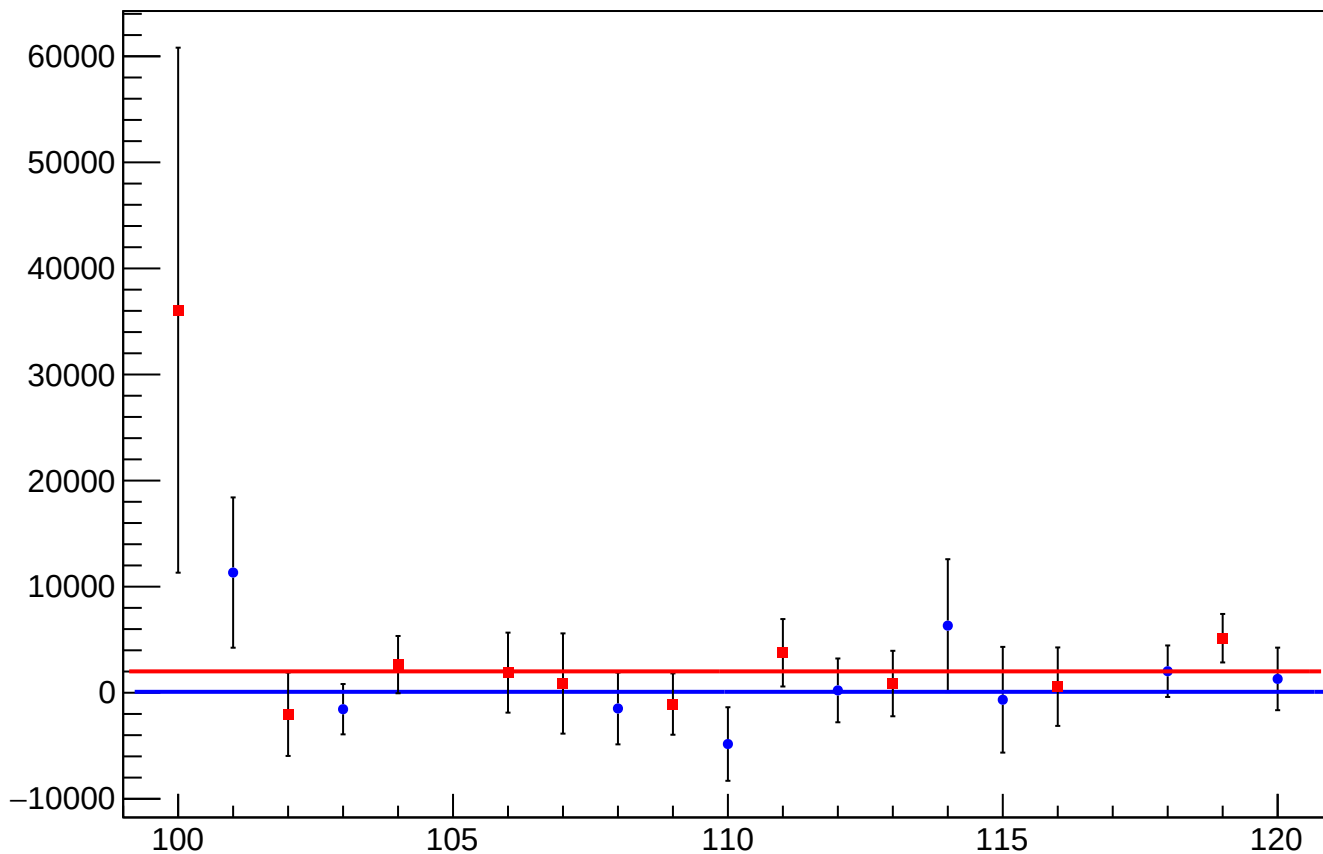
Right: 1769.676+/-0.469 χ^2/NDF : 1245326.9/18

In: 1733.856+/-0.663 χ^2/NDF : 478262.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1769.676+/-0.469 χ^2/NDF : 1245326.9/18

eigen_dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 86.419+/-1098.348 χ^2/NDF : 7.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2013.551+/-1050.244 χ^2/NDF : 6.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

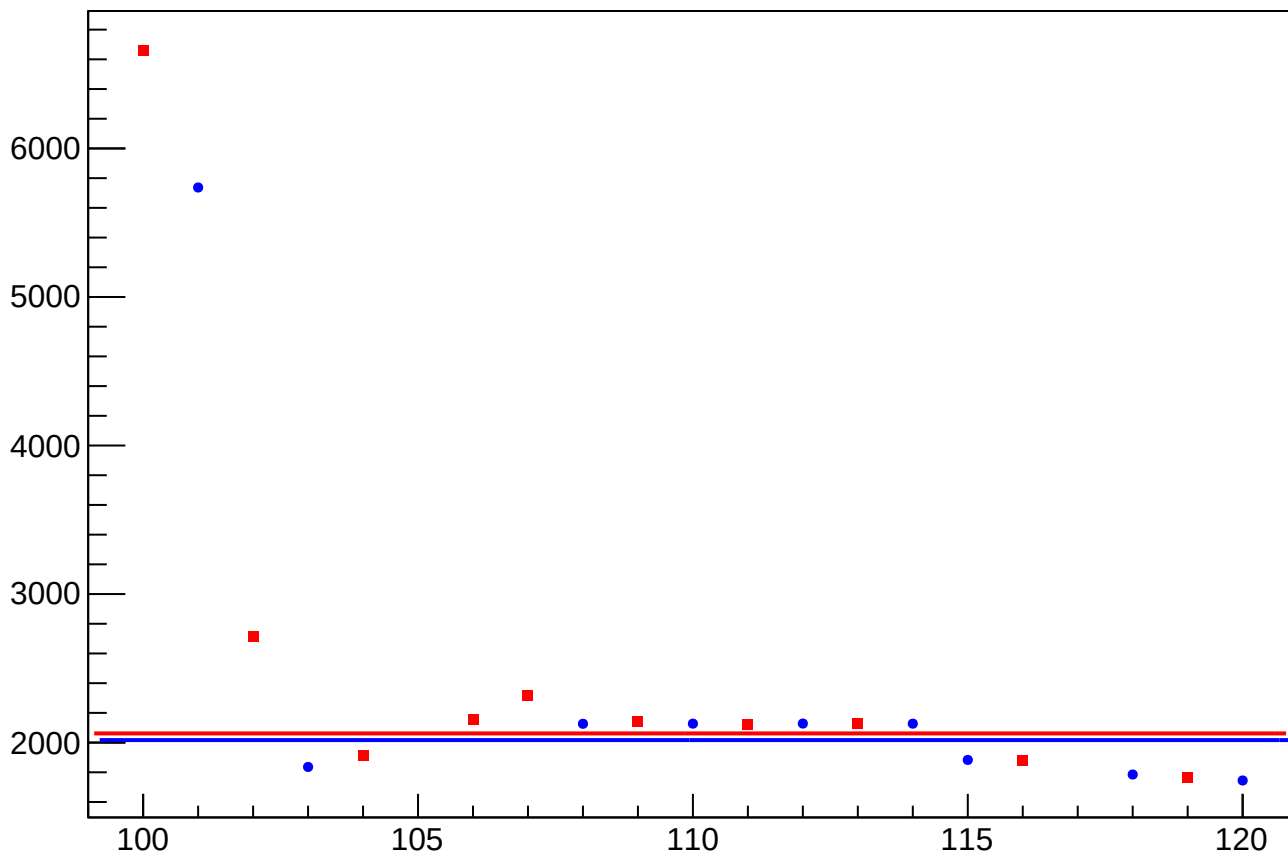
Right: 1093.109+/-759.071 χ^2/NDF : 15.3/18

In: 86.419+/-1098.348 χ^2/NDF : 7.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1093.109+/-759.071 χ^2/NDF : 15.3/18

eigen_dit_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2016.805+/-0.777 χ^2/NDF : 607266.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2061.707+/-0.743 χ^2/NDF : 178528.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

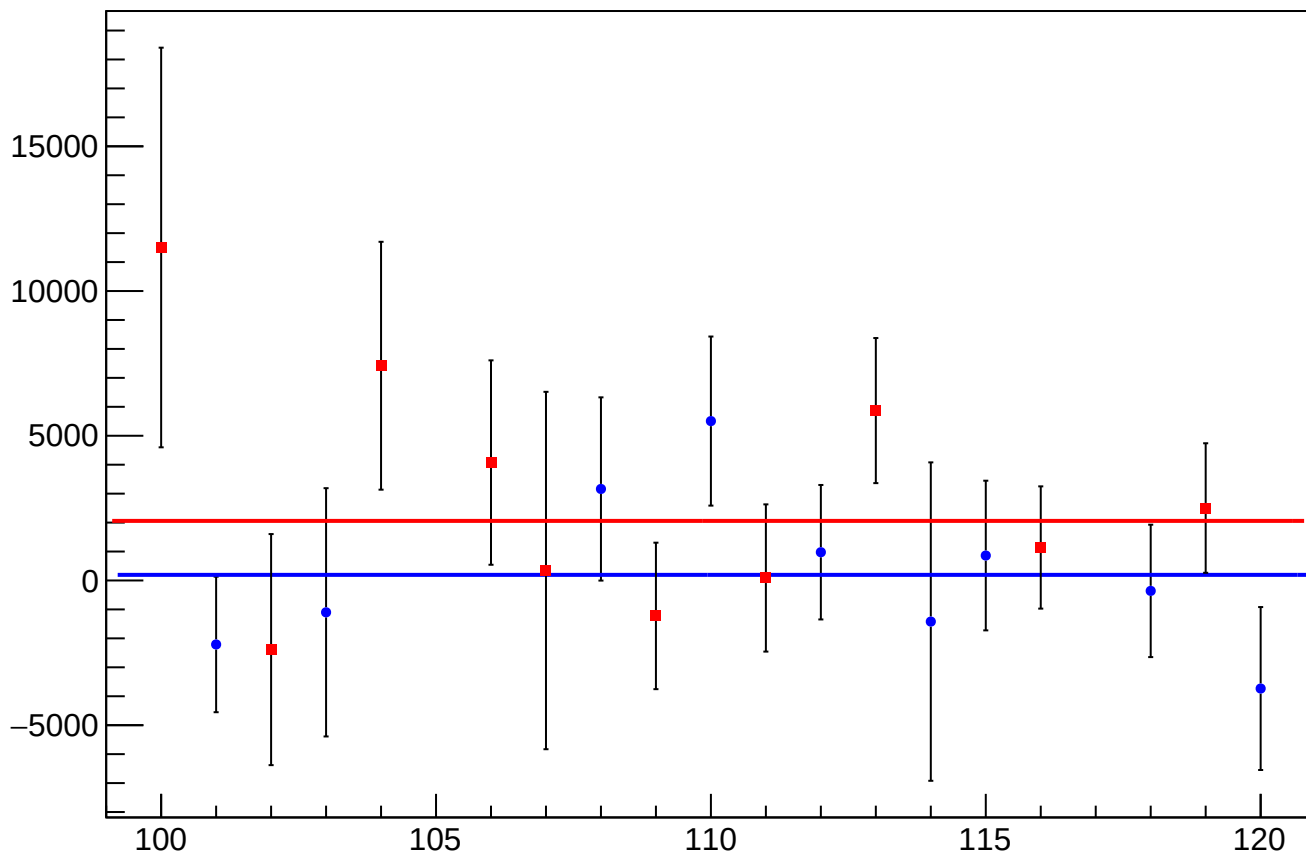
Right: 2040.261+/-0.537 χ^2/NDF : 787540.6/18

In: 2016.805+/-0.777 χ^2/NDF : 607266.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2040.261+/-0.537 χ^2/NDF : 787540.6/18

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 193.900+/-936.933 χ^2/NDF : 7.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2058.373+/-937.151 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

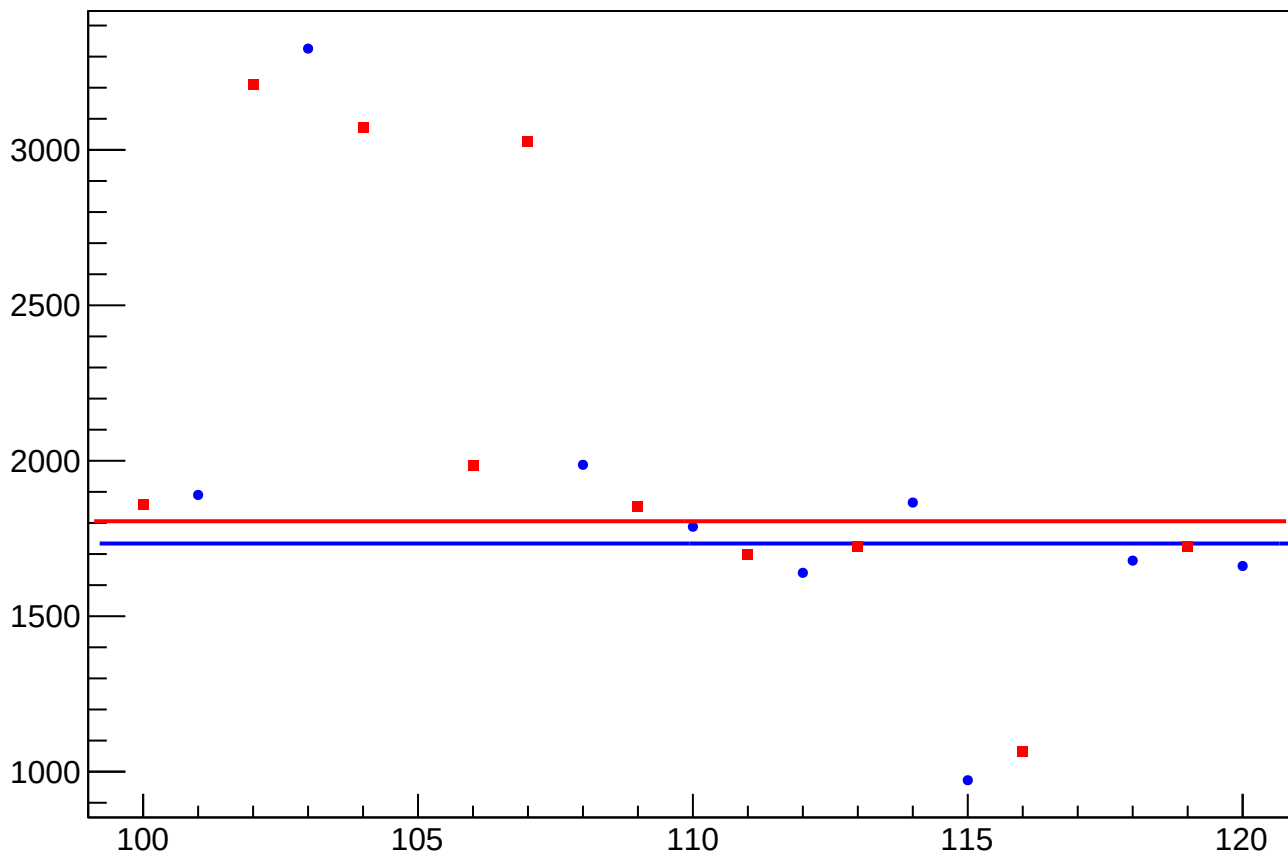
Right: 1125.919+/-662.589 χ^2/NDF : 19.5/18

In: 193.900+/-936.933 χ^2/NDF : 7.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1125.919+/-662.589 χ^2/NDF : 19.5/18

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1733.851+/-0.663 χ^2/NDF : 478266.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1805.507+/-0.663 χ^2/NDF : 761224.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

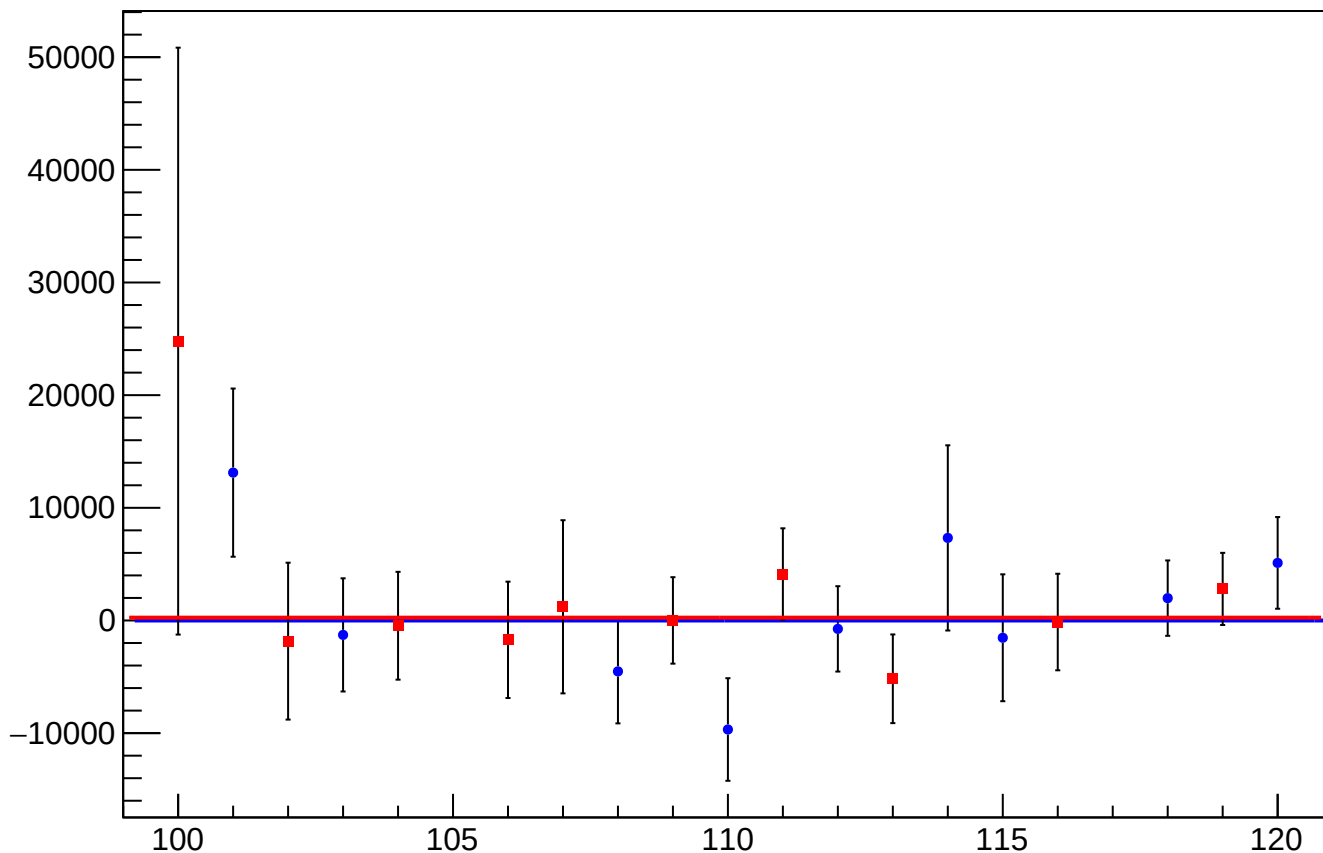
Right: 1769.671+/-0.469 χ^2/NDF : 1245338.6/18

In: 1733.851+/-0.663 χ^2/NDF : 478266.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1769.671+/-0.469 χ^2/NDF : 1245338.6/18

asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -0.796+/-1545.773 χ^2/NDF : 11.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 248.947+/-1466.020 χ^2/NDF : 4.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

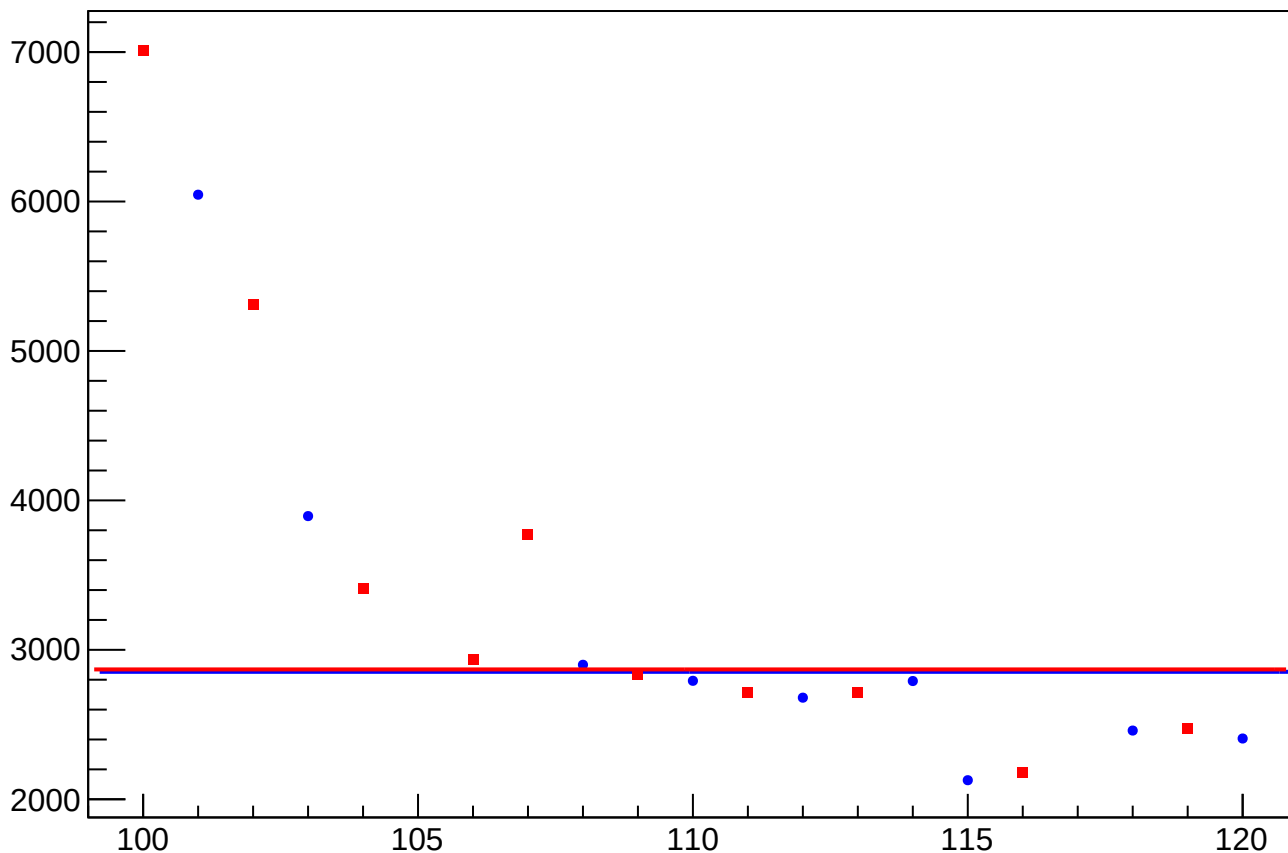
Right: 130.684+/-1063.710 χ^2/NDF : 16.1/18

In: -0.796+/-1545.773 χ^2/NDF : 11.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.684+/-1063.710 χ^2/NDF : 16.1/18

asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2852.870+/-1.093 χ^2/NDF : 541687.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2868.909+/-1.037 χ^2/NDF : 438950.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

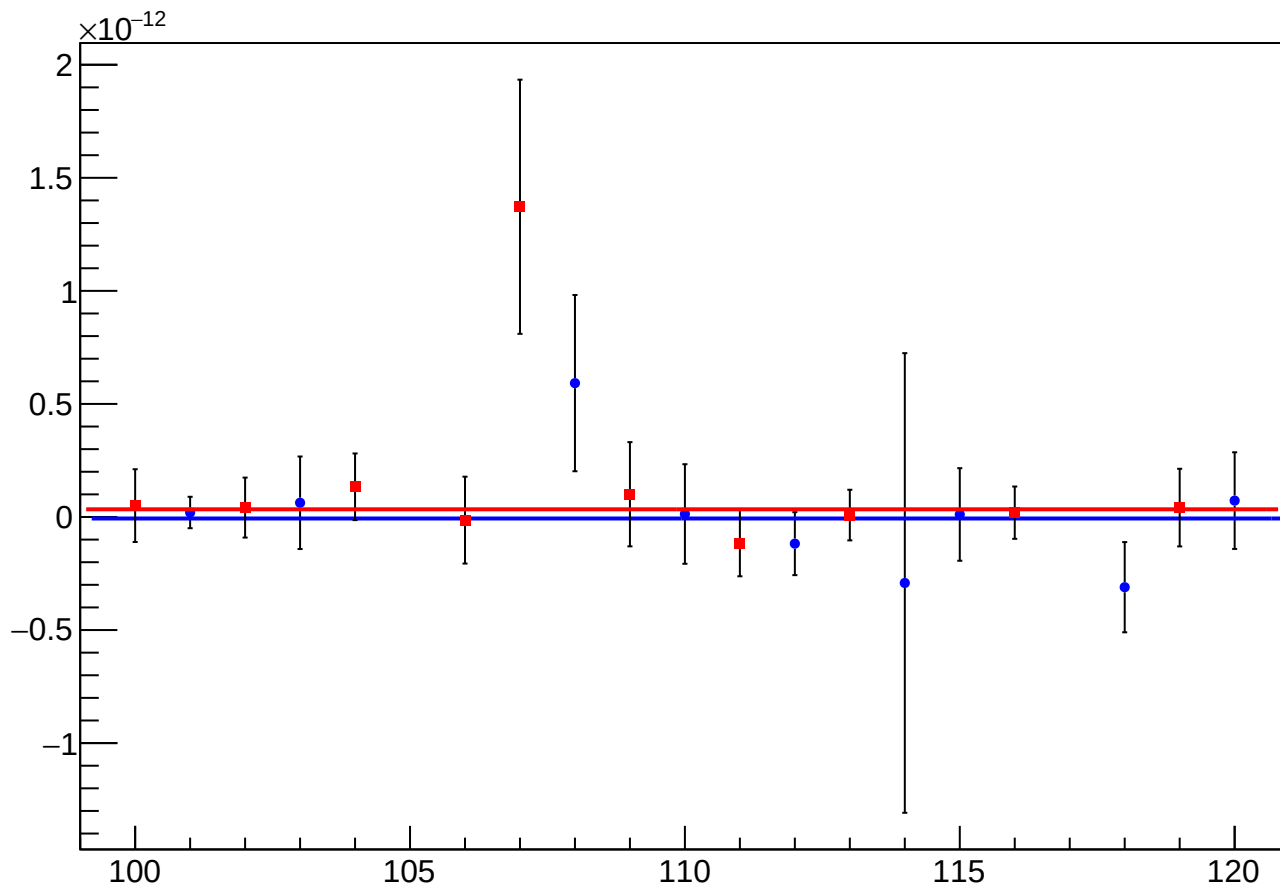
Right: 2861.314+/-0.752 χ^2/NDF : 980751.2/18

In: 2852.870+/-1.093 χ^2/NDF : 541687.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2861.314+/-0.752 χ^2/NDF : 980751.2/18

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

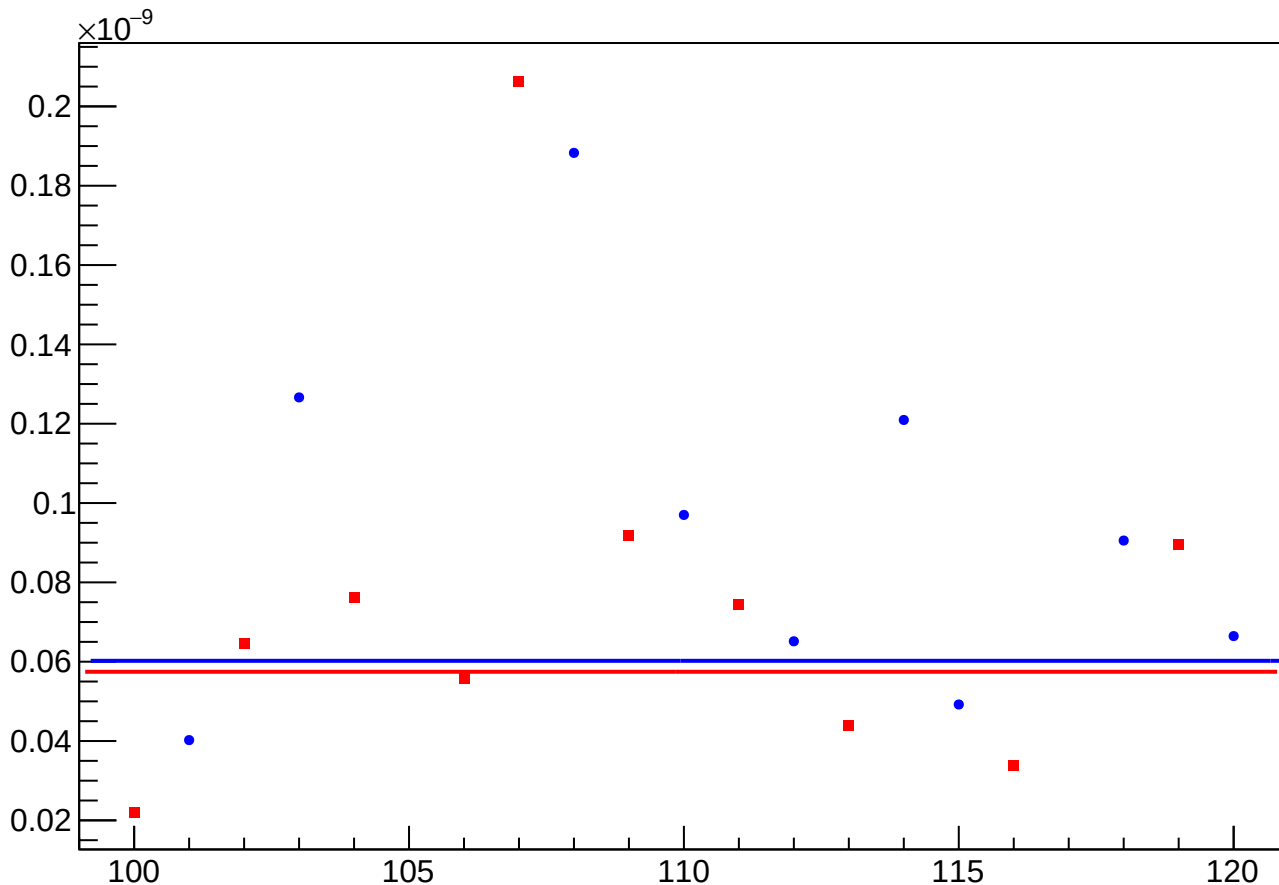
Right: 0.000+/-0.000 χ^2/NDF : 13.5/18

In: -0.000+/-0.000 χ^2/NDF : 5.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.5/18

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 711285.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 528658.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

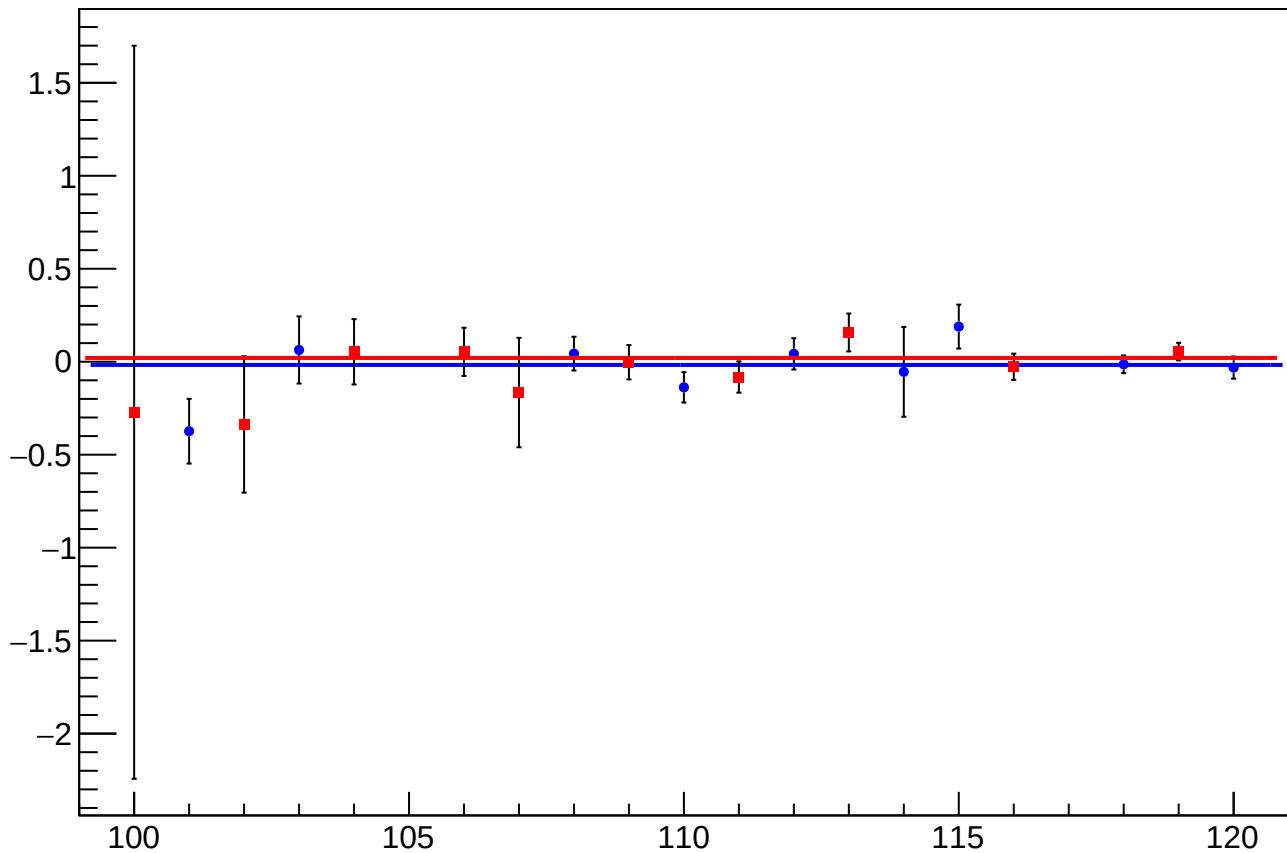
Right: 0.000+/-0.000 χ^2/NDF : 1243007.4/18

In: 0.000+/-0.000 χ^2/NDF : 711285.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1243007.4/18

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017+/-0.028 χ^2/NDF : 10.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.020+/-0.030 χ^2/NDF : 5.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

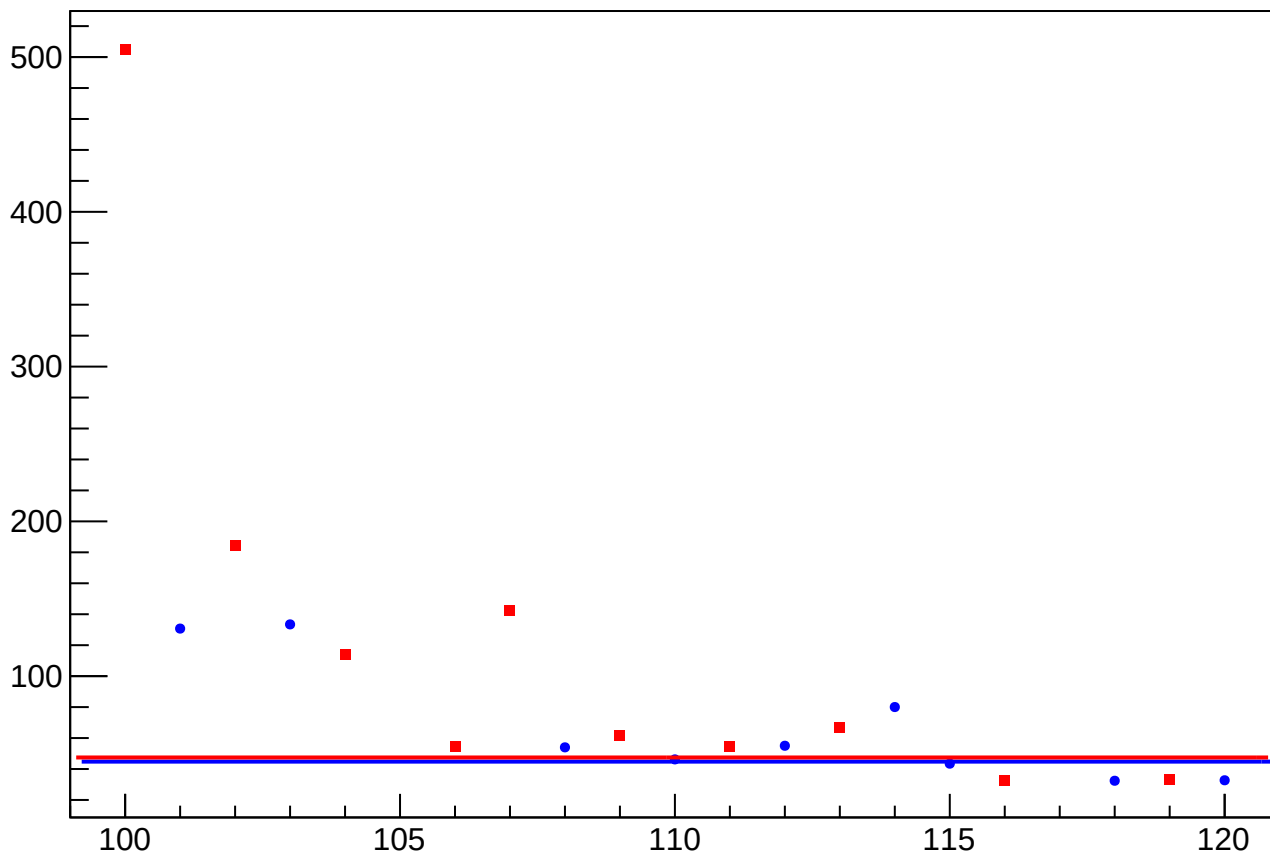
Right: 0.000+/-0.020 χ^2/NDF : 17.3/18

In: -0.017+/-0.028 χ^2/NDF : 10.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.020 χ^2/NDF : 17.3/18

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.772+/-0.020 χ^2/NDF : 1280244.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.449+/-0.021 χ^2/NDF : 1288520.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

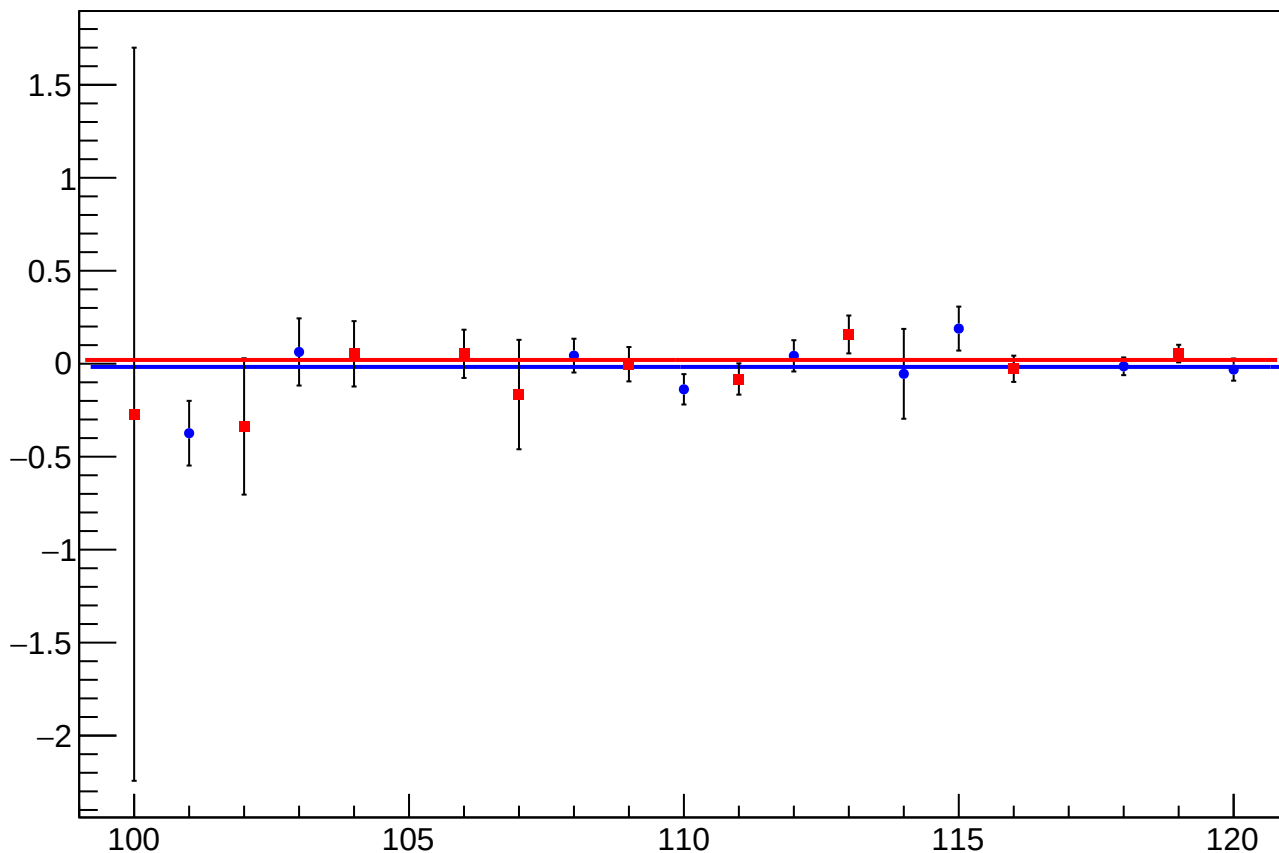
Right: 46.014+/-0.014 χ^2/NDF : 2577329.8/18

In: 44.772+/-0.020 χ^2/NDF : 1280244.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.014+/-0.014 χ^2/NDF : 2577329.8/18

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017+/-0.028 χ^2 /NDF: 10.6/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.020+/-0.030 χ^2 /NDF: 5.8/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

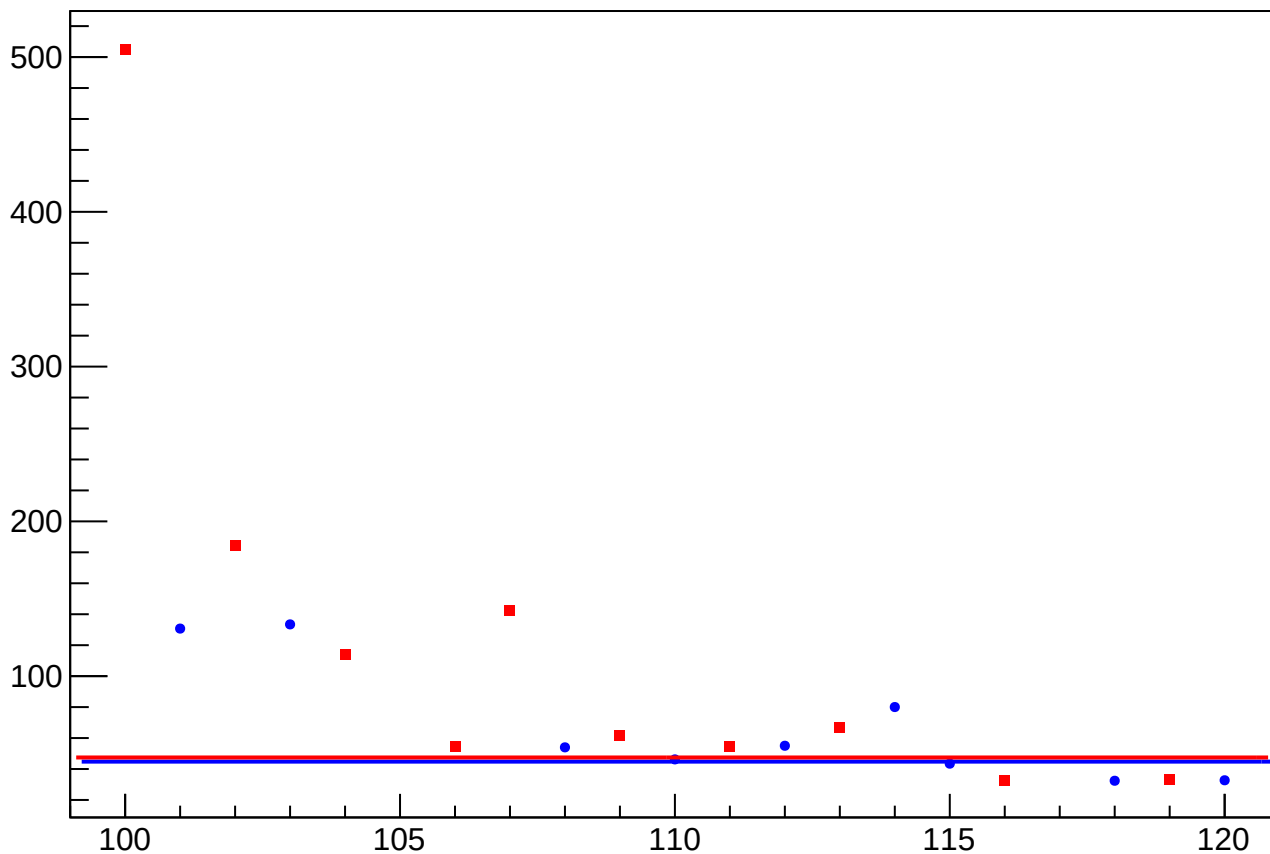
Right: 0.000+/-0.020 χ^2 /NDF: 17.3/18

In: -0.017+/-0.028 χ^2 /NDF:10.6/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.020 χ^2 /NDF: 17.3/18

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.772+/-0.020 χ^2/NDF : 1280244.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.449+/-0.021 χ^2/NDF : 1288520.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

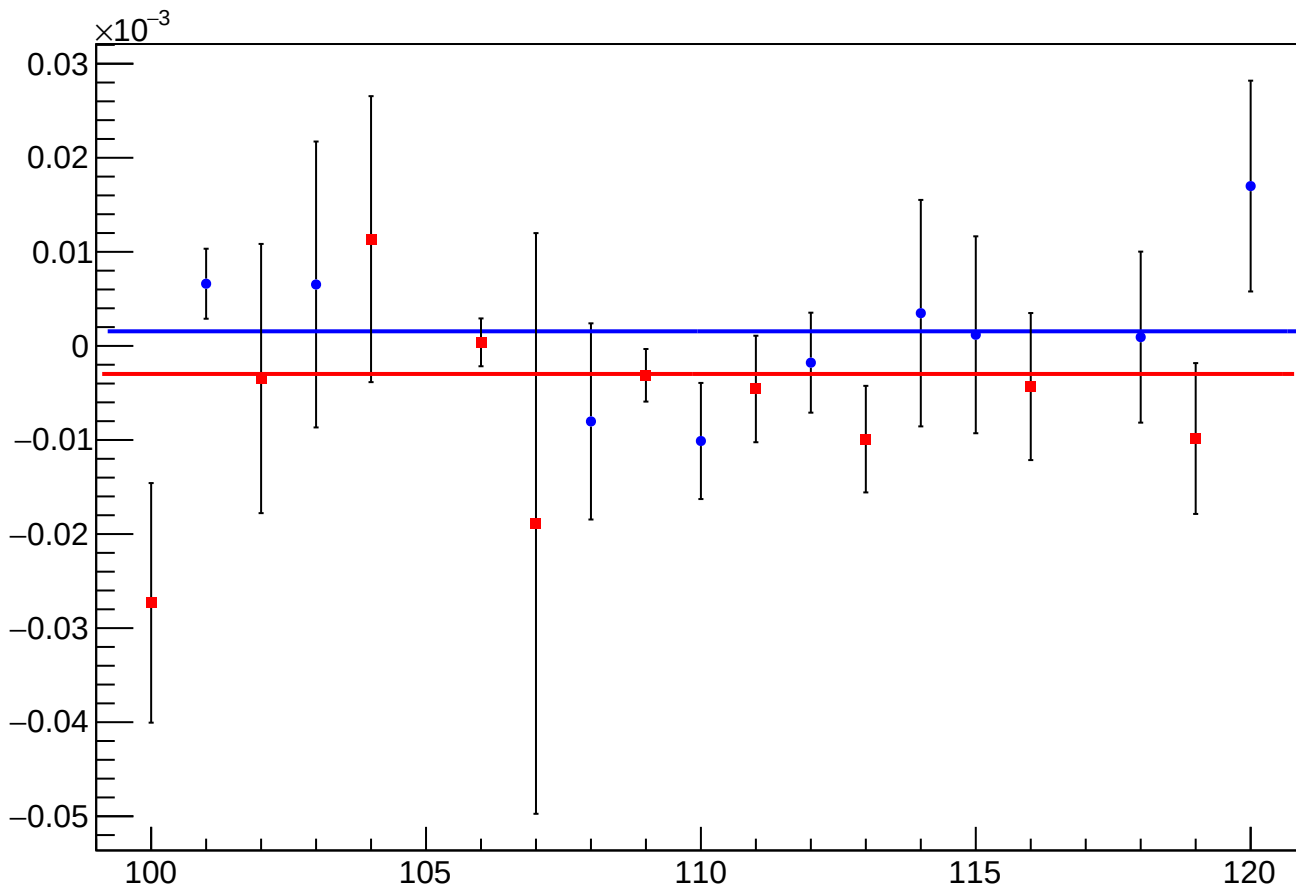
Right: 46.014+/-0.014 χ^2/NDF : 2577329.8/18

In: 44.772+/-0.020 χ^2/NDF : 1280244.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.014+/-0.014 χ^2/NDF : 2577329.8/18

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

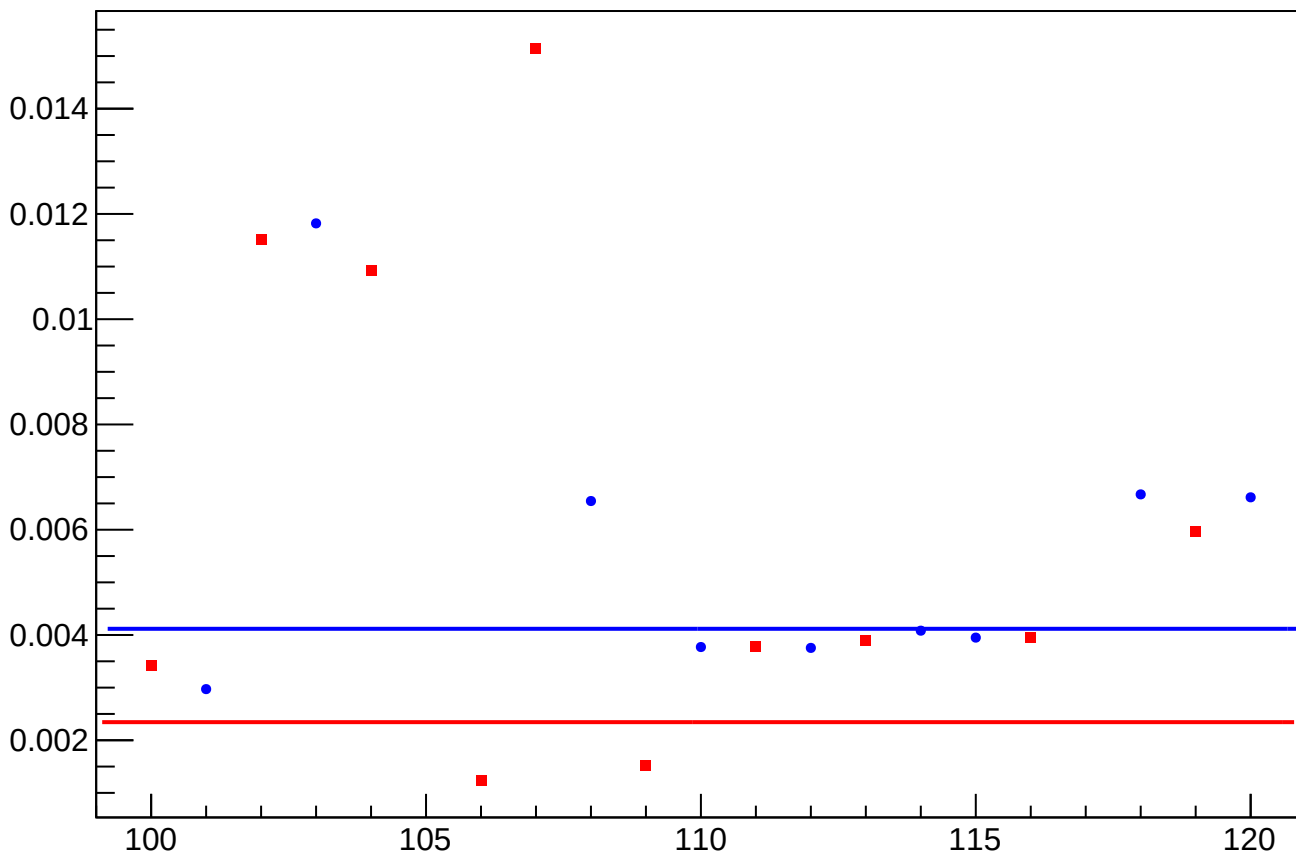
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 20.2/18

In: 0.000 $\pm$ 0.000 χ^2 /NDF:8.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 20.2/18

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 1085423.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3148866.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

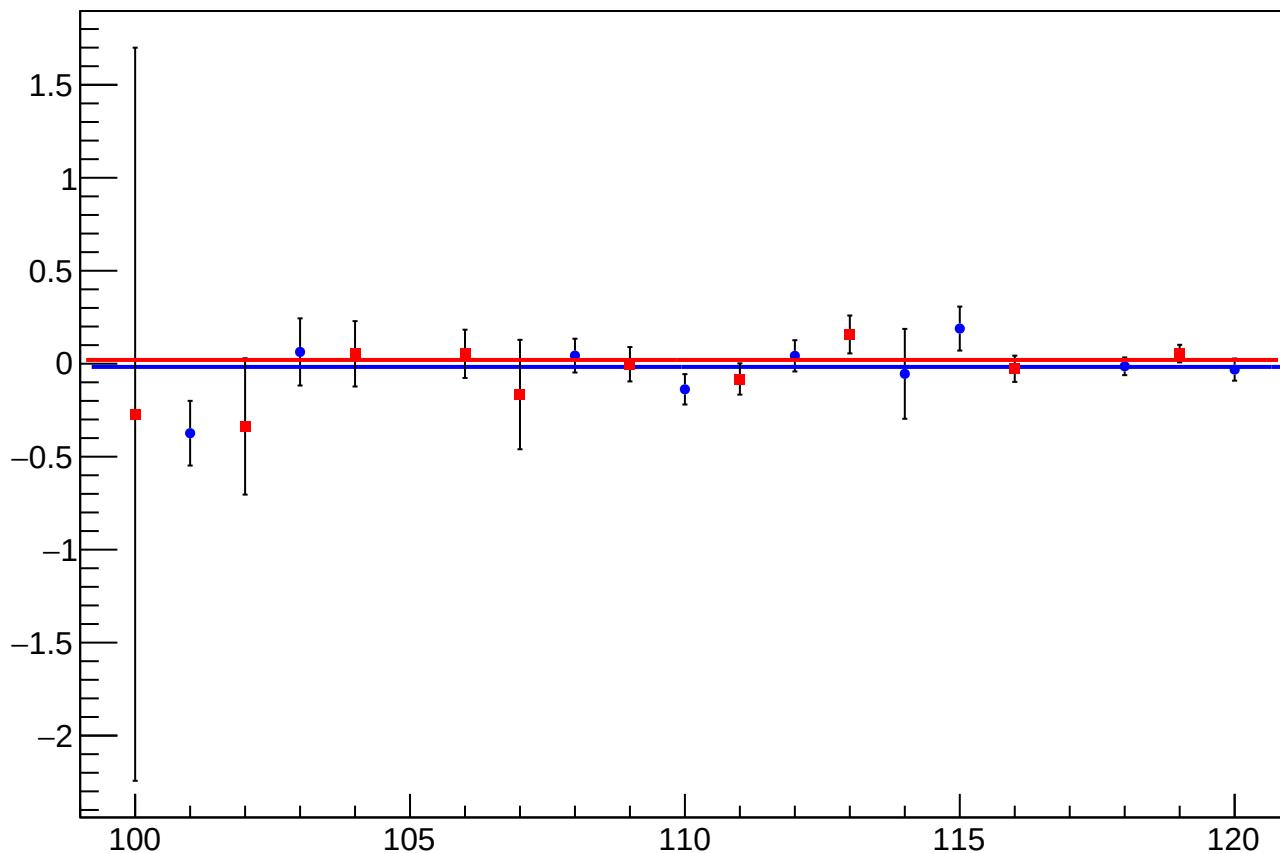
Right: 0.003+/-0.000 χ^2/NDF : 5021684.7/18

In: 0.004+/-0.000 χ^2/NDF :1085423.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 5021684.7/18

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017+/-0.028 χ^2/NDF : 10.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.020+/-0.030 χ^2/NDF : 5.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

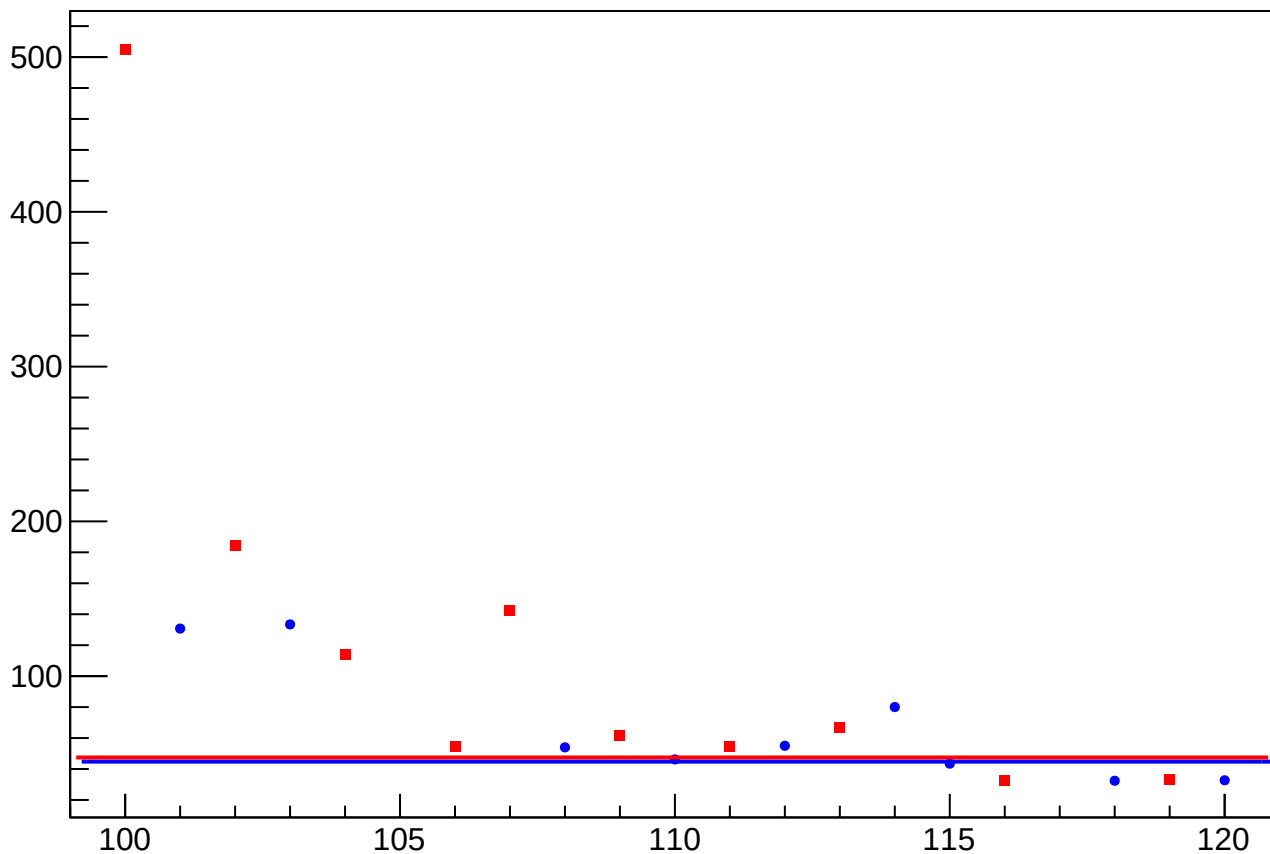
Right: 0.000+/-0.020 χ^2/NDF : 17.3/18

In: -0.017+/-0.028 χ^2/NDF : 10.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.020 χ^2/NDF : 17.3/18

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.773+/-0.020 χ^2/NDF : 1280143.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.449+/-0.021 χ^2/NDF : 1288454.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

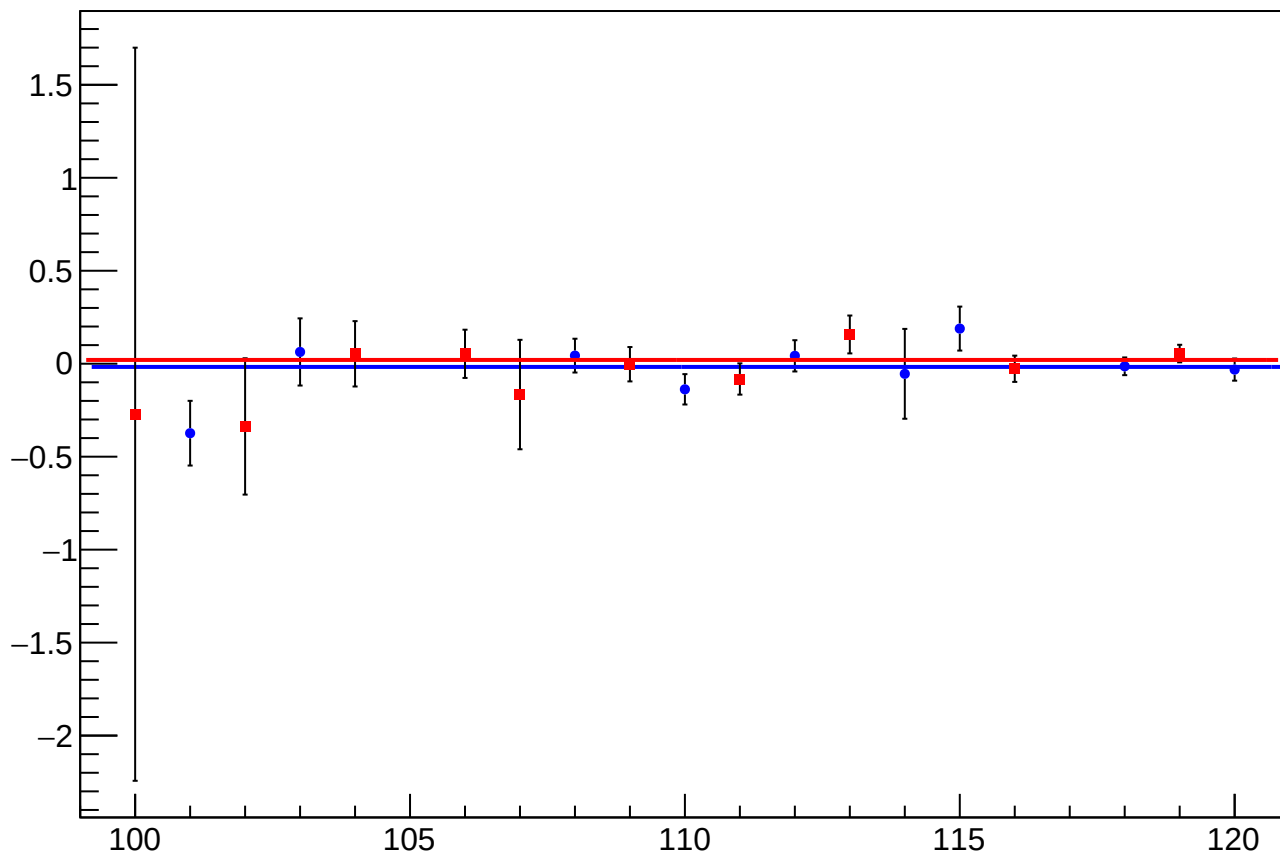
Right: 46.014+/-0.014 χ^2/NDF : 2577156.7/18

In: 44.773+/-0.020 χ^2/NDF : 1280143.7/8

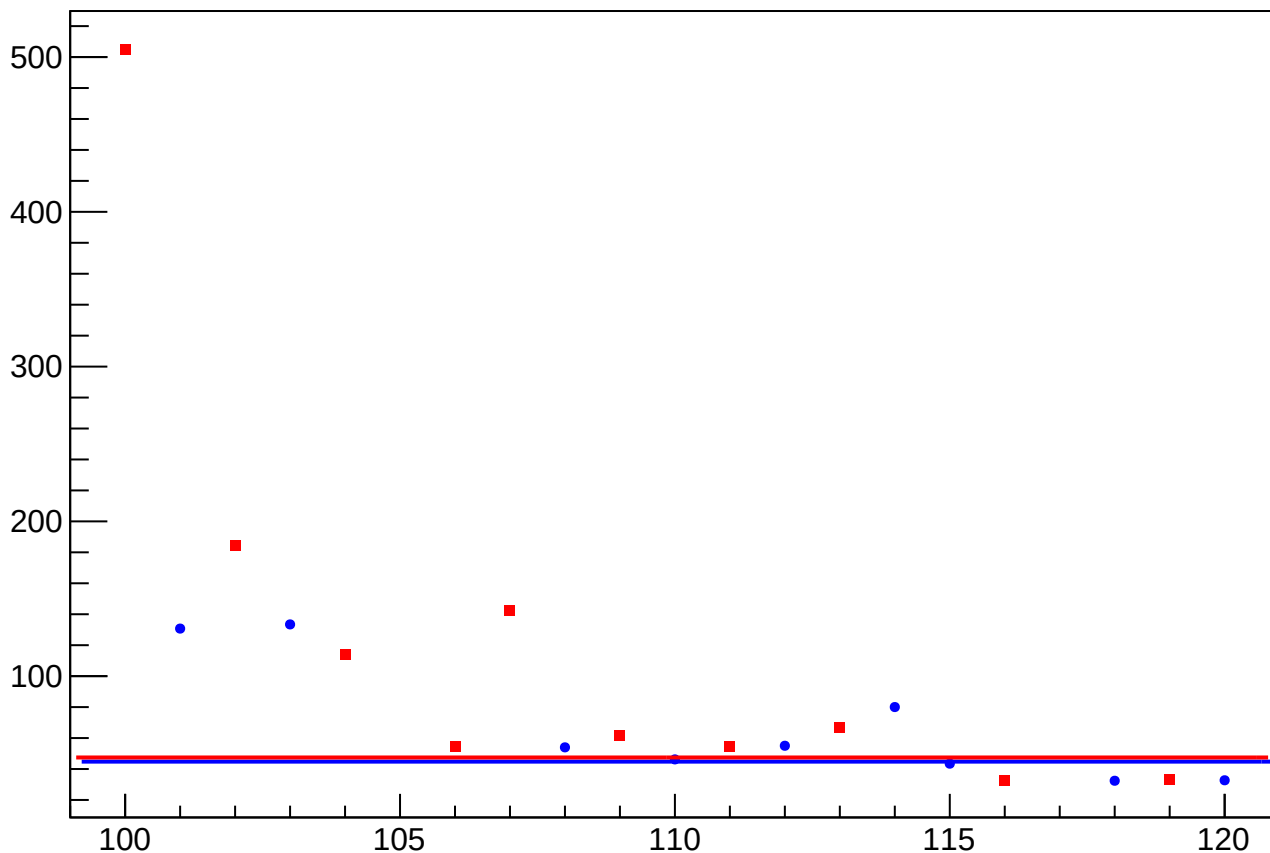
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.014+/-0.014 χ^2/NDF : 2577156.7/18

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.773+/-0.020 χ^2/NDF : 1280143.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.449+/-0.021 χ^2/NDF : 1288454.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

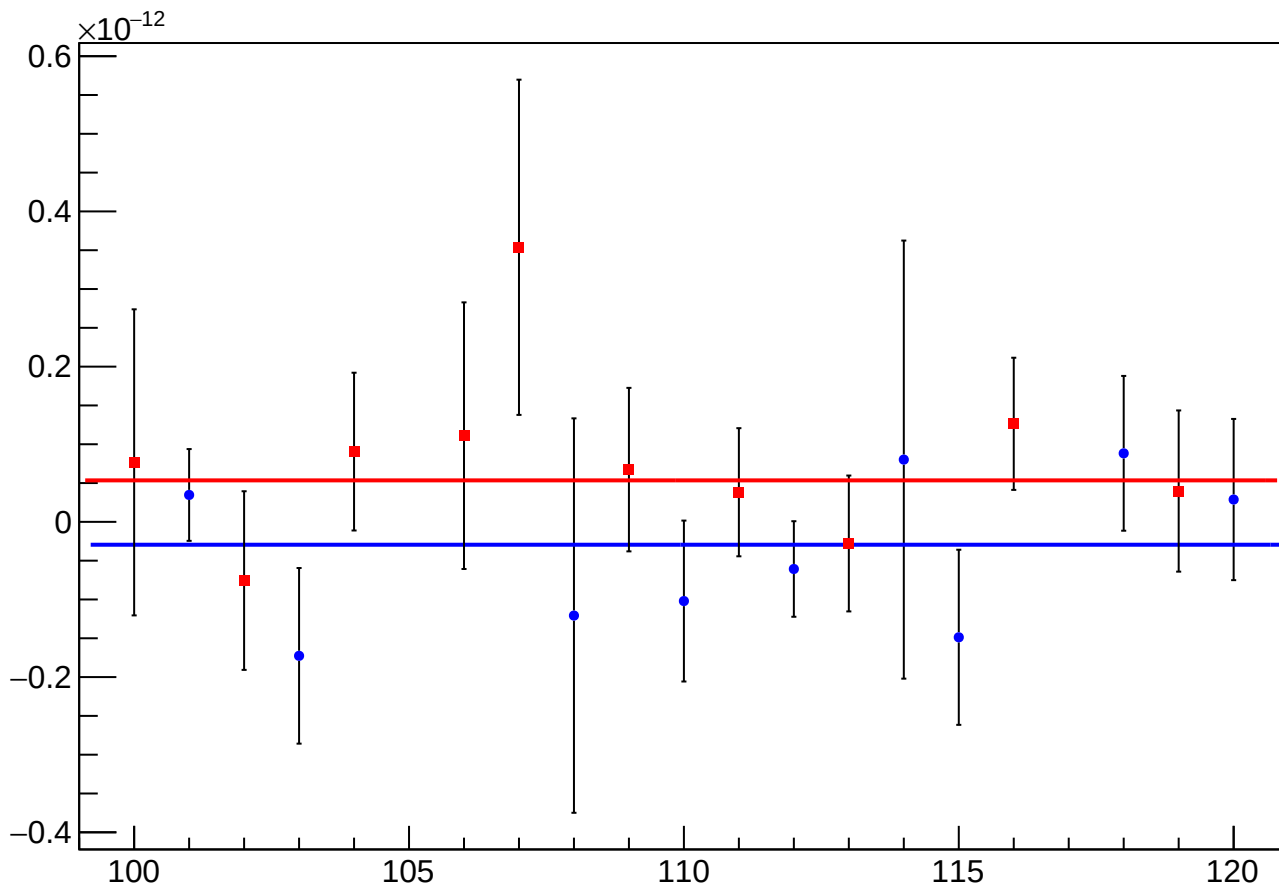
Right: 46.014+/-0.014 χ^2/NDF : 2577156.7/18

In: 44.773+/-0.020 χ^2/NDF : 1280143.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.014+/-0.014 χ^2/NDF : 2577156.7/18

asym_us_dd_at1lr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

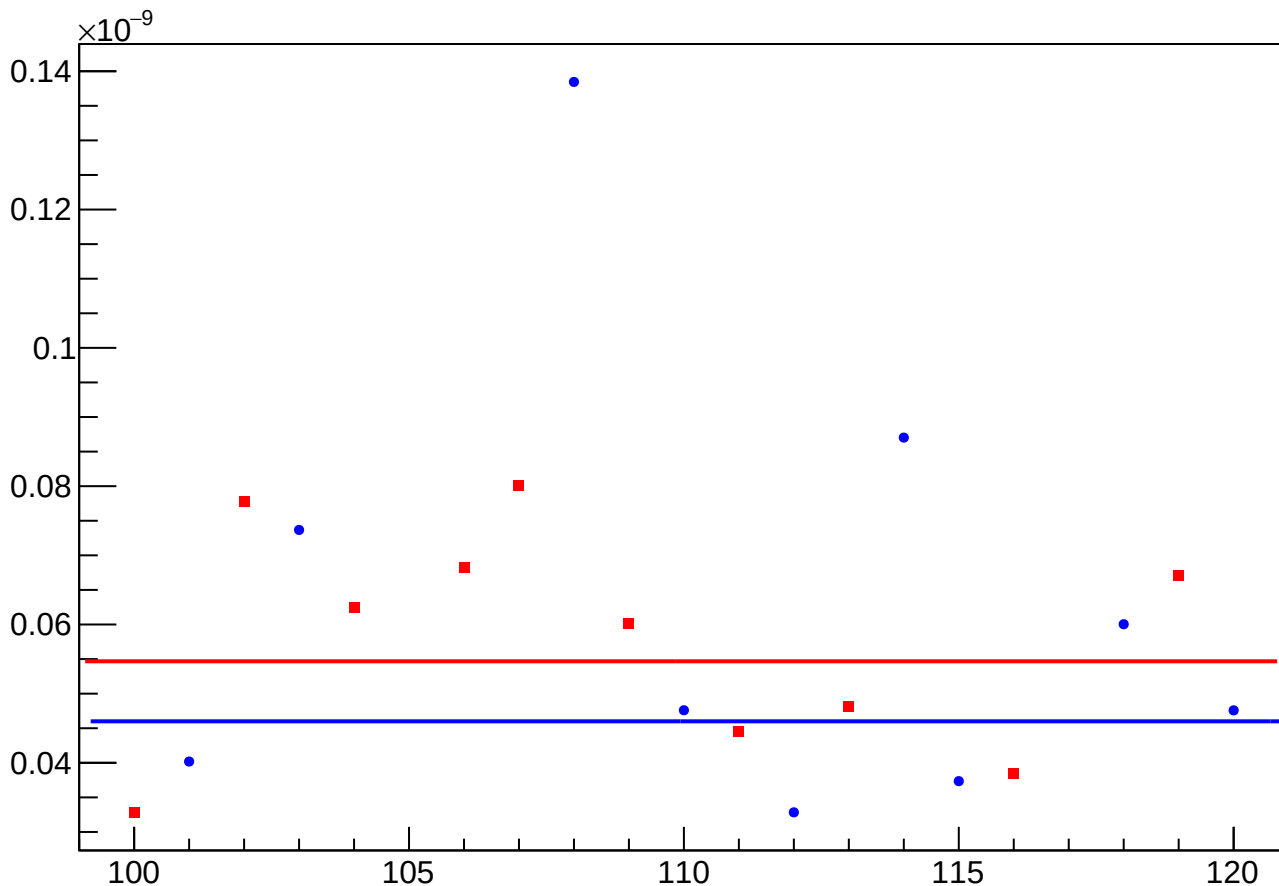
Right: 0.000+/-0.000 χ^2/NDF : 14.9/18

In: -0.000+/-0.000 χ^2/NDF : 6.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.9/18

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 : 589742.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 305669.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

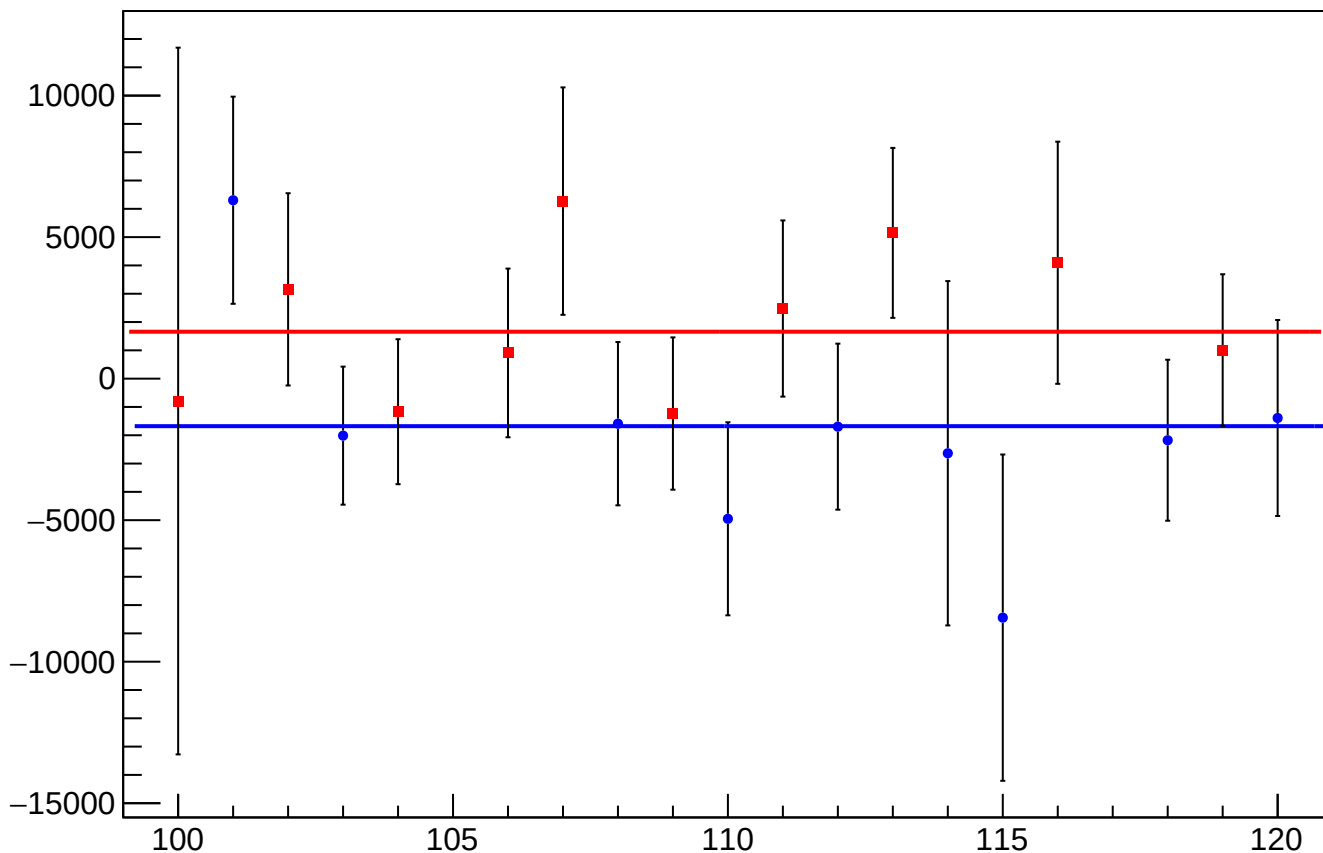
Right: 0.000+/-0.000 χ^2/NDF : 965349.1/18

In: 0.000+/-0.000 χ^2/NDF : 589742.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 965349.1/18

reg_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1679.042 $\pm$ 1098.003 χ^2 /NDF: 7.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1658.452 $\pm$ 1017.133 χ^2 /NDF: 5.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

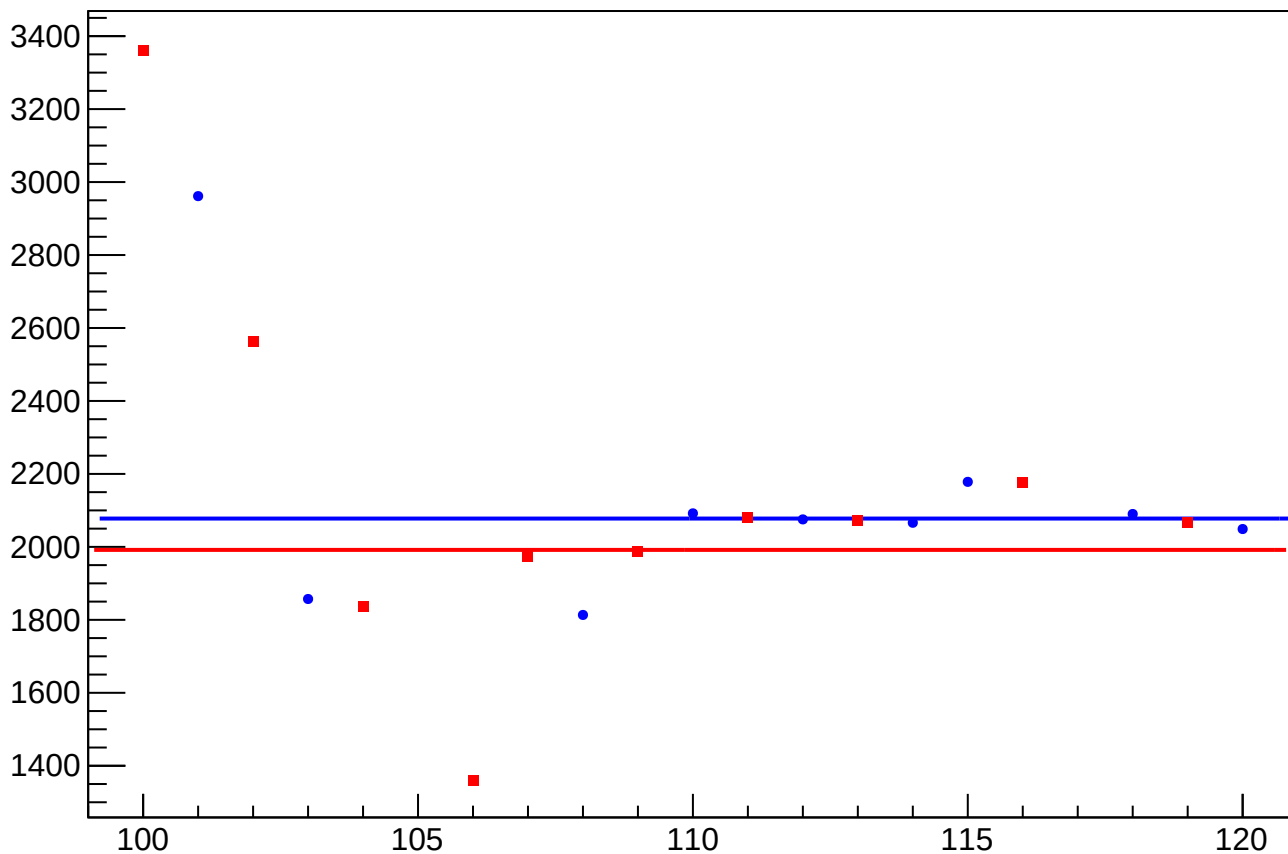
Right: 117.125 $\pm$ 746.175 χ^2 /NDF: 17.9/18

In: -1679.042 $\pm$ 1098.003 χ^2 /NDF:7.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 117.125 $\pm$ 746.175 χ^2 /NDF: 17.9/18

reg_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2077.651+/-0.776 χ^2/NDF : 150619.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1991.726+/-0.719 χ^2/NDF : 185797.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

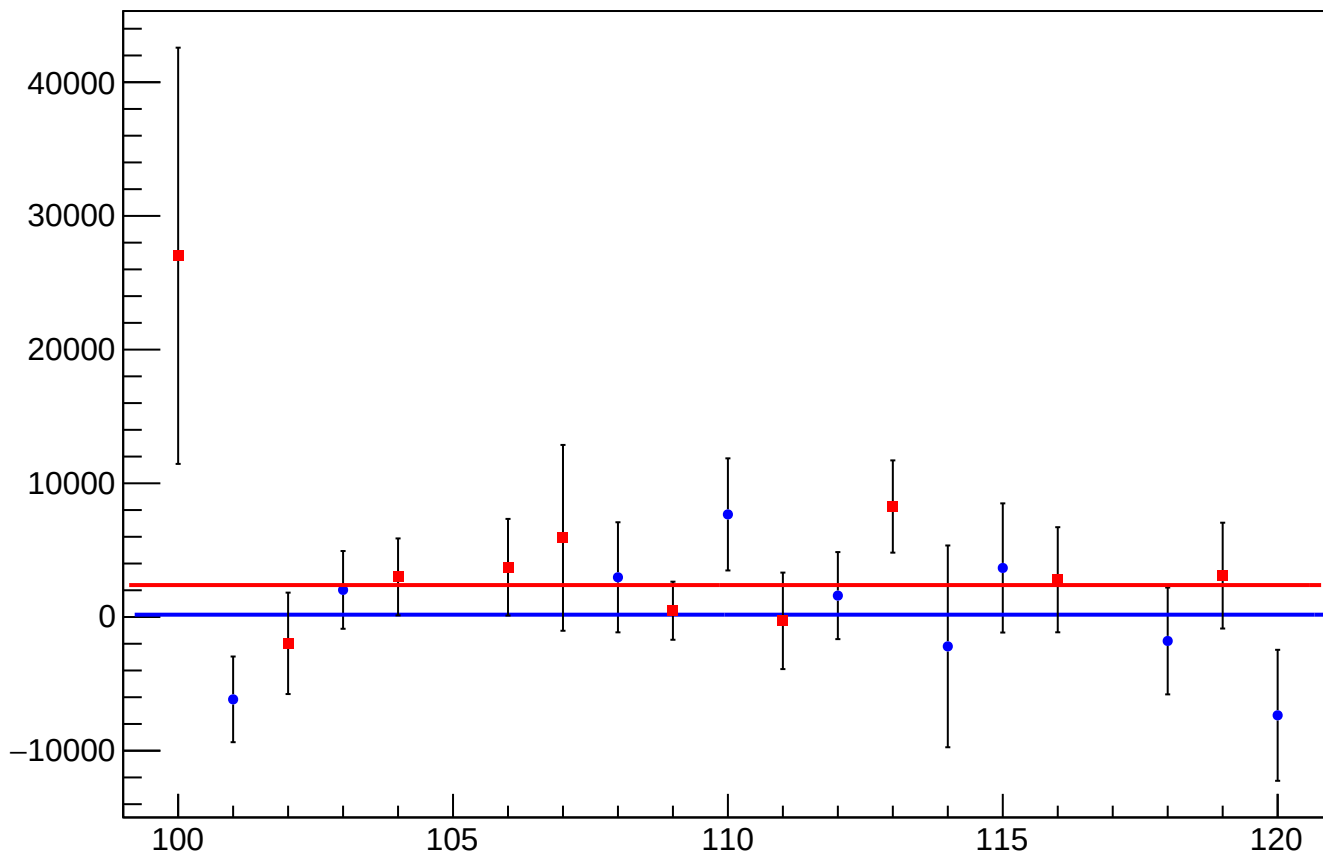
Right: 2031.408+/-0.528 χ^2/NDF : 343008.9/18

In: 2077.651+/-0.776 χ^2/NDF : 150619.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2031.408+/-0.528 χ^2/NDF : 343008.9/18

asym_us_dd_at2lr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 173.462+/-1301.143 χ^2/NDF : 11.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2388.689+/-1122.840 χ^2/NDF : 8.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

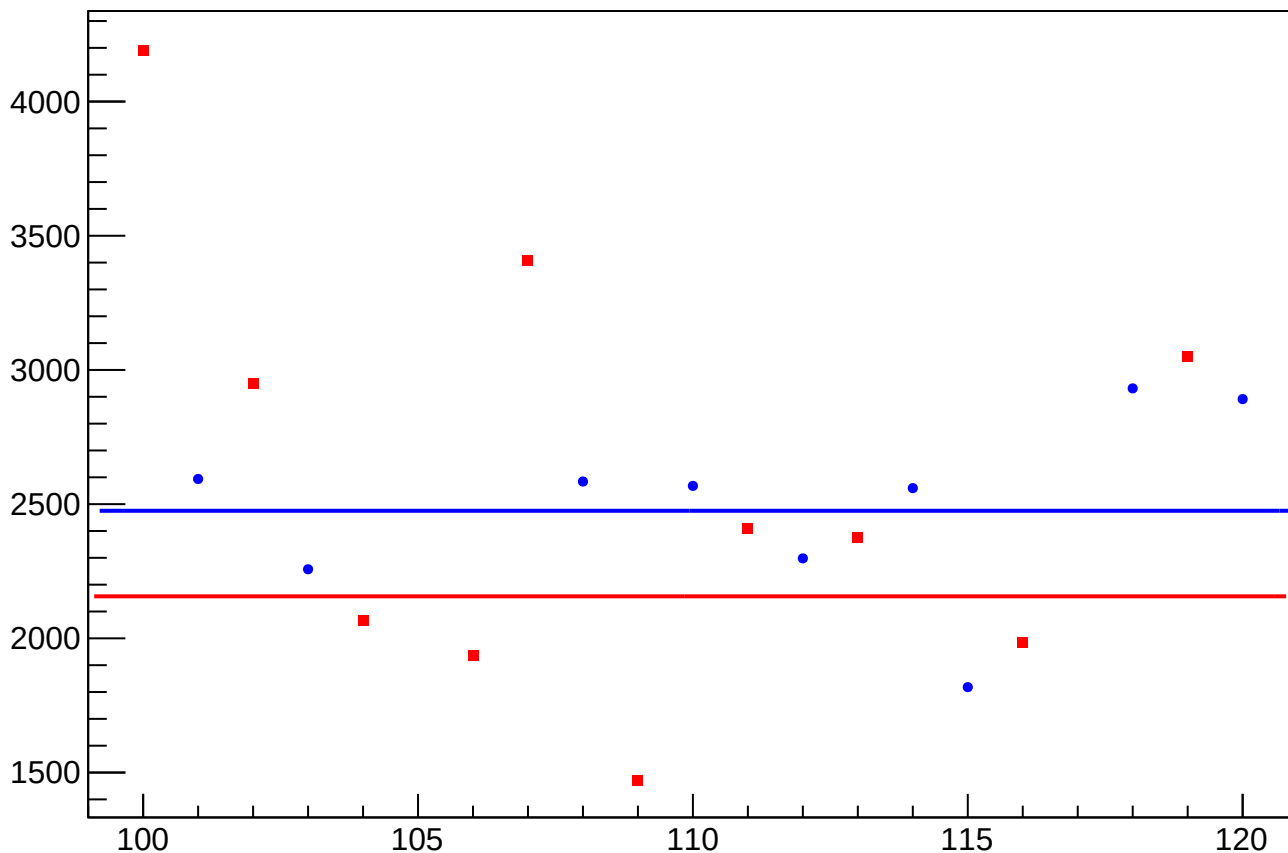
Right: 1443.146+/-850.074 χ^2/NDF : 21.6/18

In: 173.462+/-1301.143 χ^2/NDF : 11.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1443.146+/-850.074 χ^2/NDF : 21.6/18

asym_us_dd_at2lr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2475.292+/-0.920 χ^2/NDF : 100013.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2156.527+/-0.794 χ^2/NDF : 519072.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

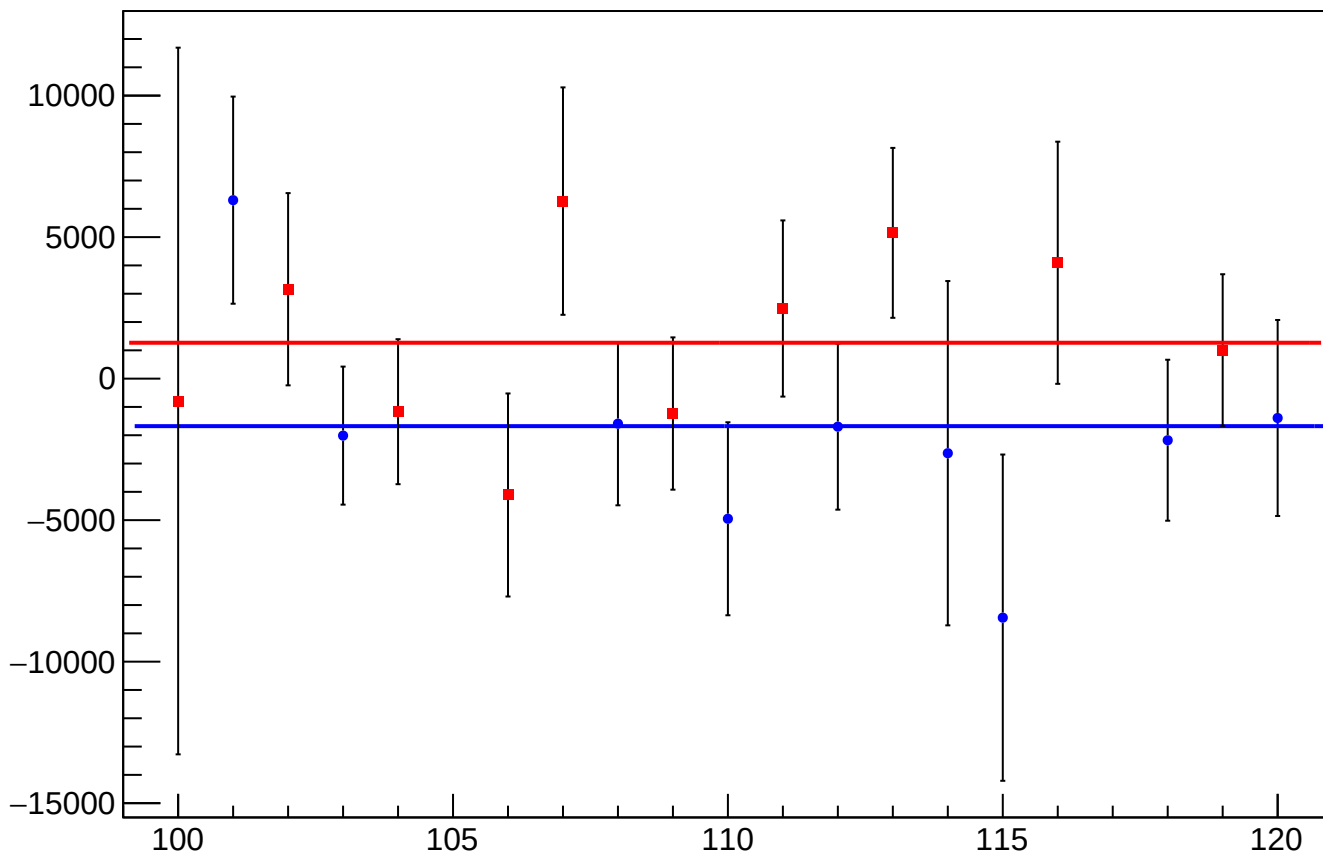
Right: 2292.588+/-0.601 χ^2/NDF : 687887.1/18

In: 2475.292+/-0.920 χ^2/NDF : 100013.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2292.588+/-0.601 χ^2/NDF : 687887.1/18

cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1678.866 $\pm$ 1098.003 χ^2 /NDF: 7.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1268.338 $\pm$ 1036.010 χ^2 /NDF: 8.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

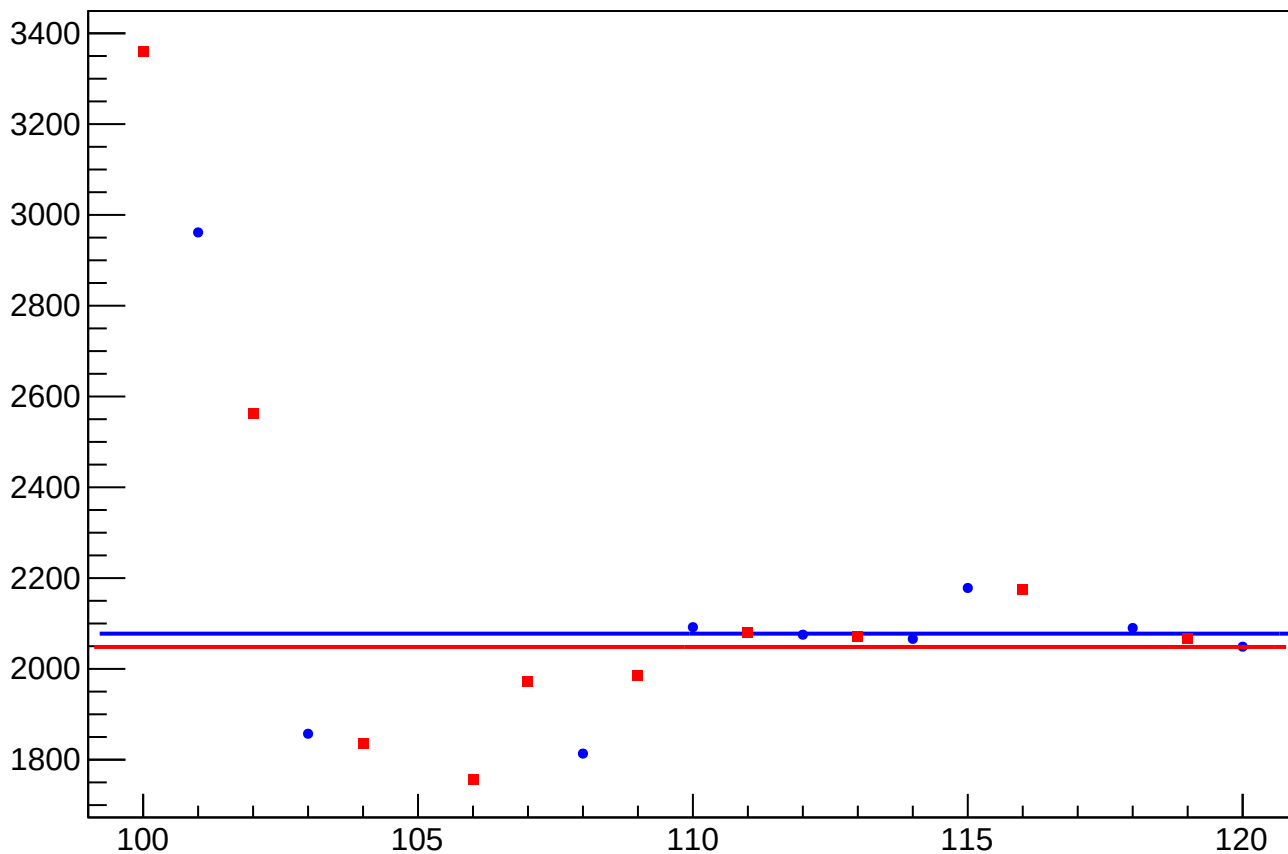
Right: -119.719 $\pm$ 753.533 χ^2 /NDF: 19.1/18

In: -1678.866 $\pm$ 1098.003 χ^2 /NDF: 7.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -119.719 $\pm$ 753.533 χ^2 /NDF: 19.1/18

cor_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2077.651+/-0.776 χ^2/NDF : 150620.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2048.321+/-0.733 χ^2/NDF : 98828.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

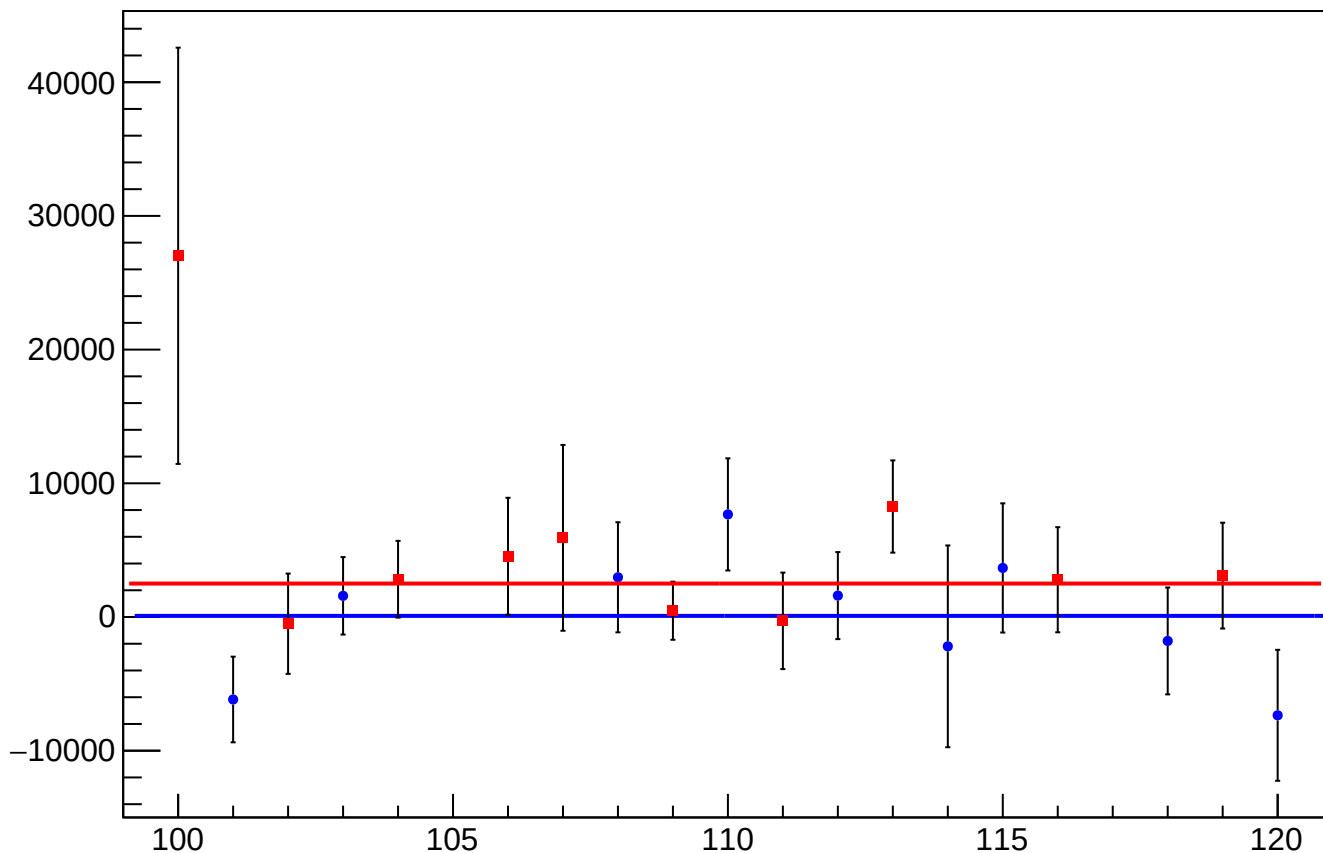
Right: 2062.135+/-0.533 χ^2/NDF : 250203.1/18

In: 2077.651+/-0.776 χ^2/NDF : 150620.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2062.135+/-0.533 χ^2/NDF : 250203.1/18

asym_us_dd_at2lr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 84.279+/-1300.136 χ^2/NDF : 11.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2501.480+/-1138.855 χ^2/NDF : 7.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

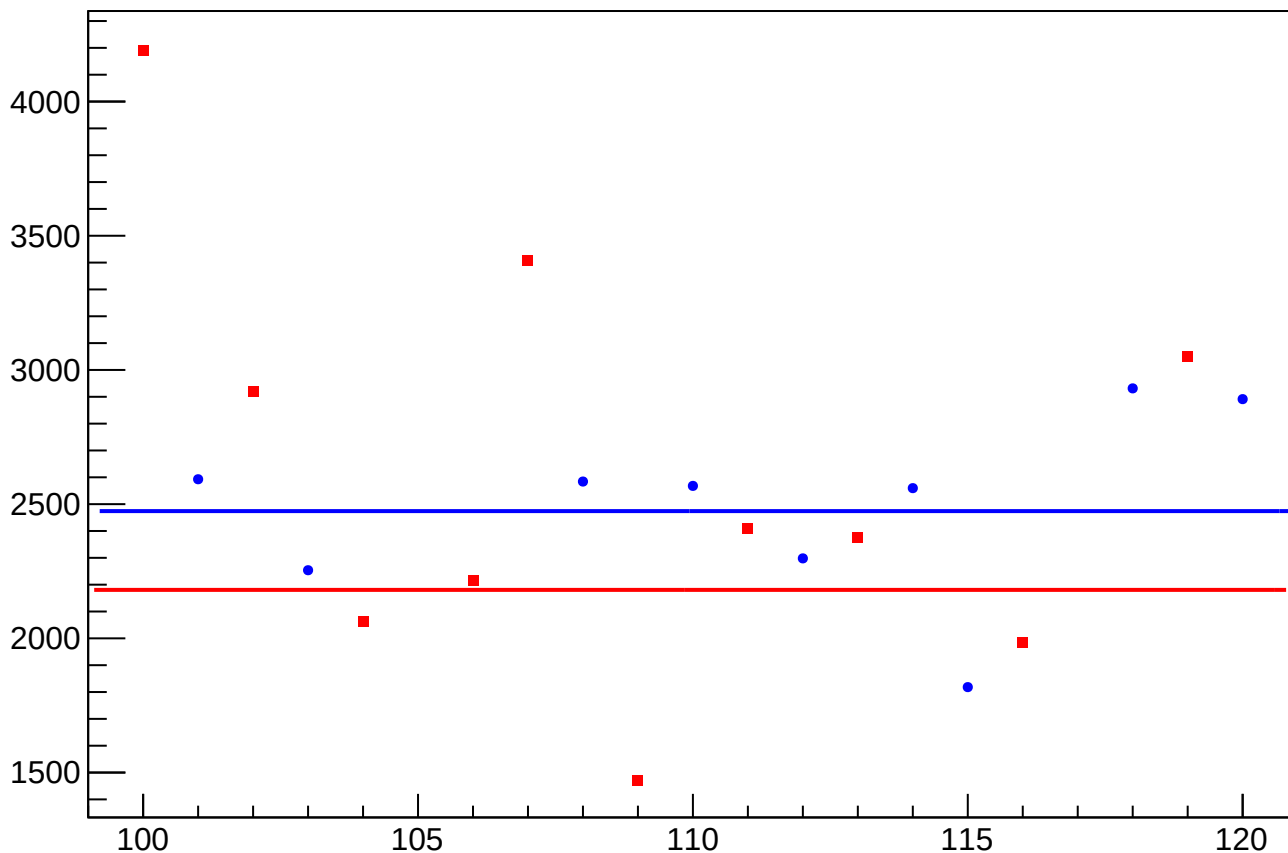
Right: 1452.023+/-856.672 χ^2/NDF : 21.1/18

In: 84.279+/-1300.136 χ^2/NDF : 11.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1452.023+/-856.672 χ^2/NDF : 21.1/18

asym_us_dd_at2lr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2474.096+/-0.919 χ^2/NDF : 100413.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2180.577+/-0.805 χ^2/NDF : 506820.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

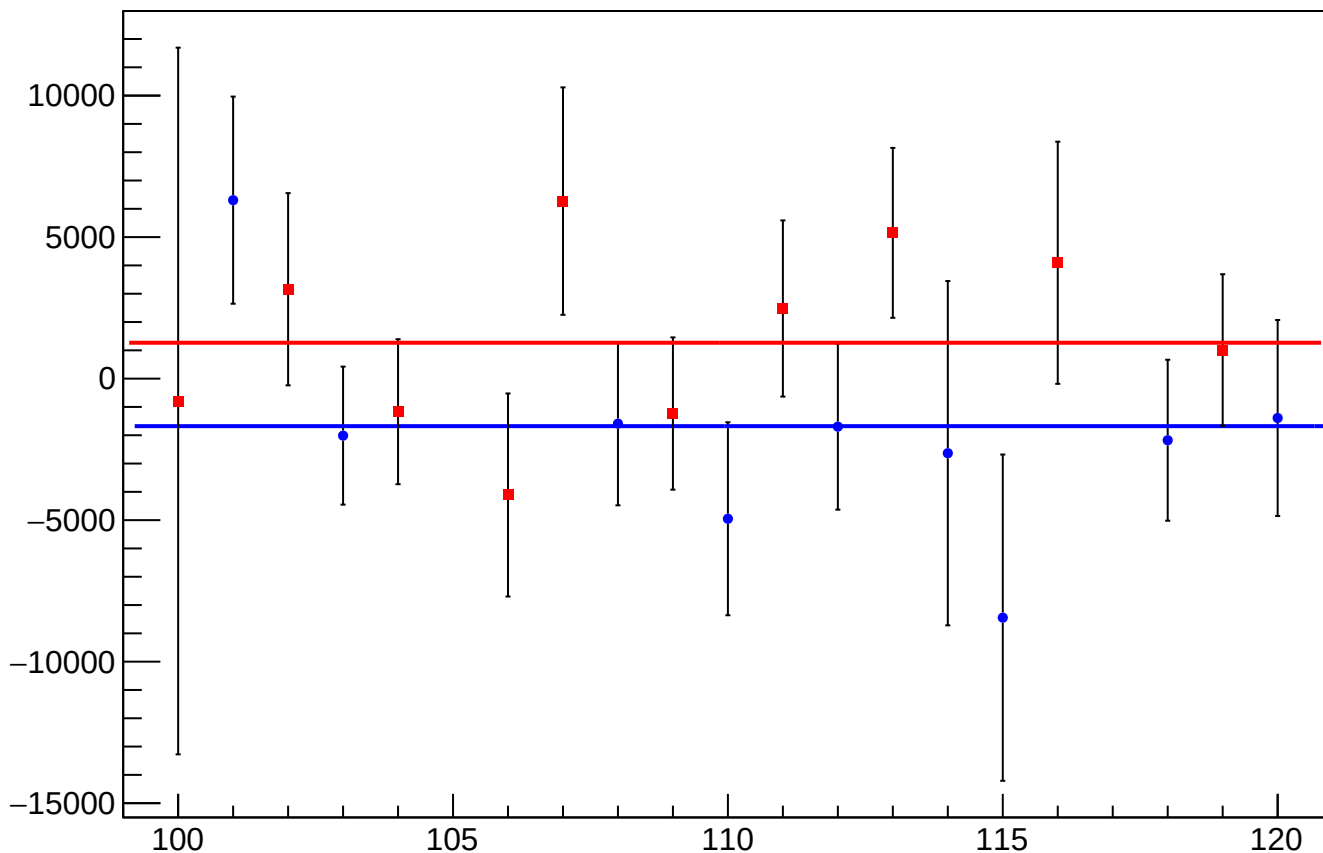
Right: 2308.012+/-0.606 χ^2/NDF : 664912.7/18

In: 2474.096+/-0.919 χ^2/NDF : 100413.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2308.012+/-0.606 χ^2/NDF : 664912.7/18

eigen_cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1678.866 $\pm$ 1098.003 χ^2 /NDF: 7.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1268.338 $\pm$ 1036.010 χ^2 /NDF: 8.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

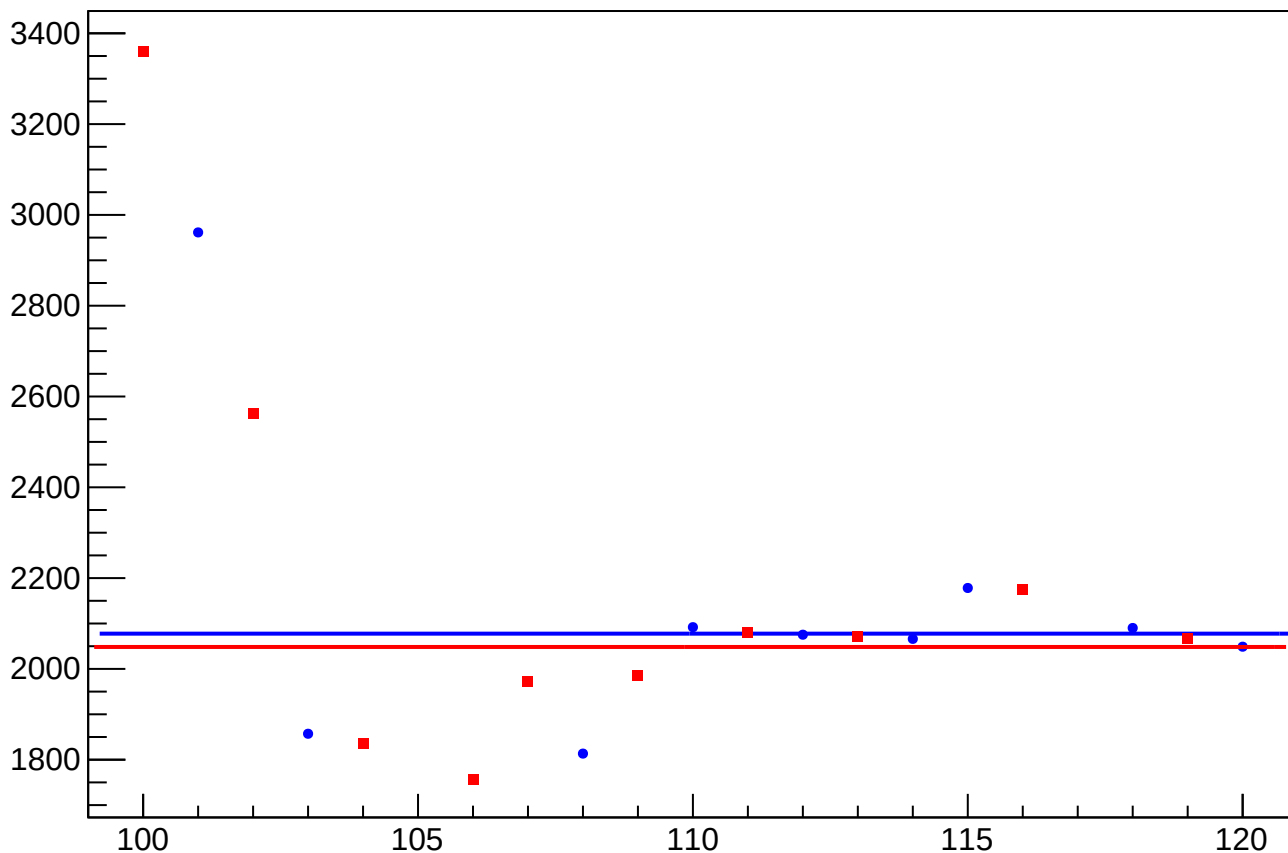
Right: -119.719 $\pm$ 753.533 χ^2 /NDF: 19.1/18

In: -1678.866 $\pm$ 1098.003 χ^2 /NDF:7.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -119.719 $\pm$ 753.533 χ^2 /NDF: 19.1/18

eigen_cor_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2077.651+/-0.776 χ^2/NDF : 150620.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2048.321+/-0.733 χ^2/NDF : 98828.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

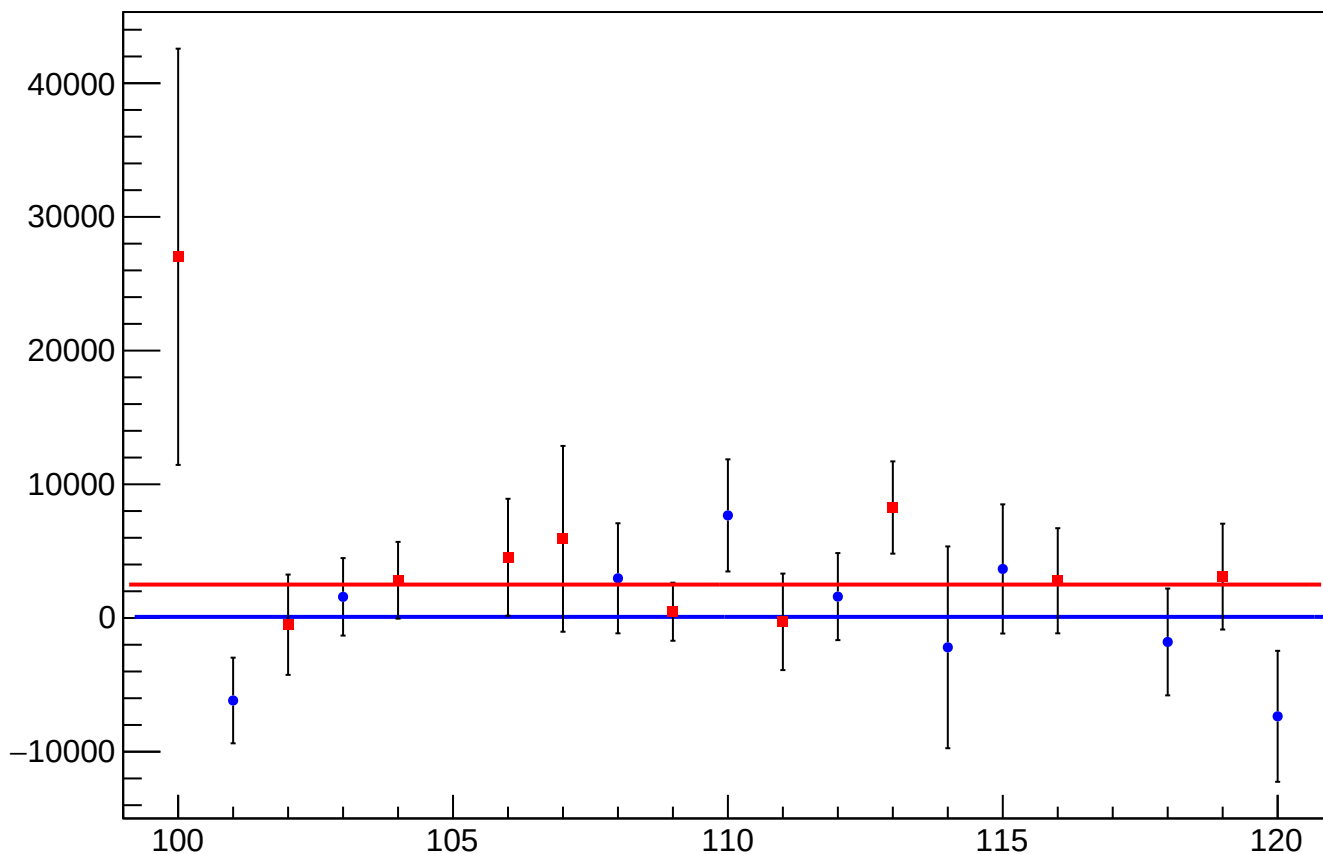
Right: 2062.135+/-0.533 χ^2/NDF : 250203.1/18

In: 2077.651+/-0.776 χ^2/NDF : 150620.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2062.135+/-0.533 χ^2/NDF : 250203.1/18

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 84.279+/-1300.136 χ^2/NDF : 11.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2501.480+/-1138.855 χ^2/NDF : 7.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

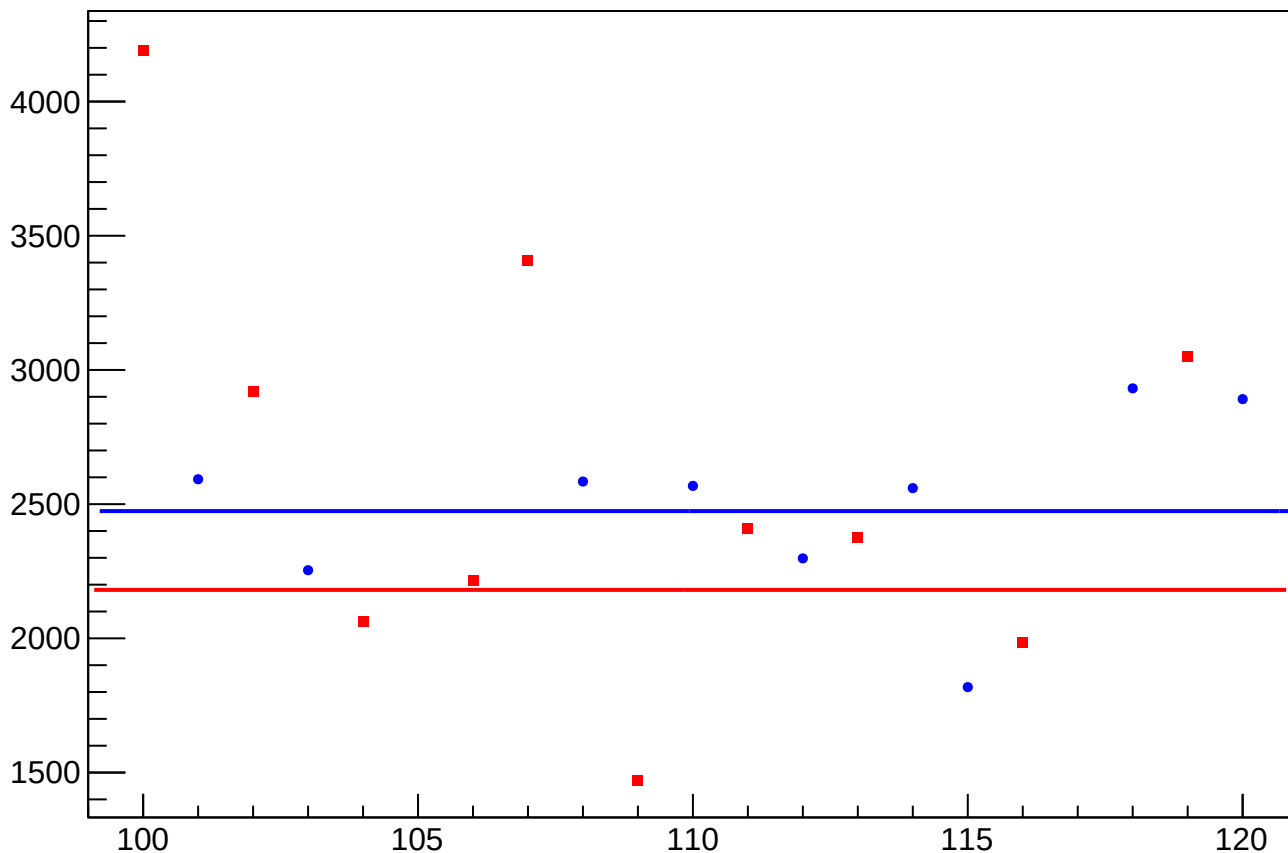
Right: 1452.023+/-856.672 χ^2/NDF : 21.1/18

In: 84.279+/-1300.136 χ^2/NDF : 11.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1452.023+/-856.672 χ^2/NDF : 21.1/18

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2474.096+/-0.919 χ^2/NDF : 100413.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2180.577+/-0.805 χ^2/NDF : 506820.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

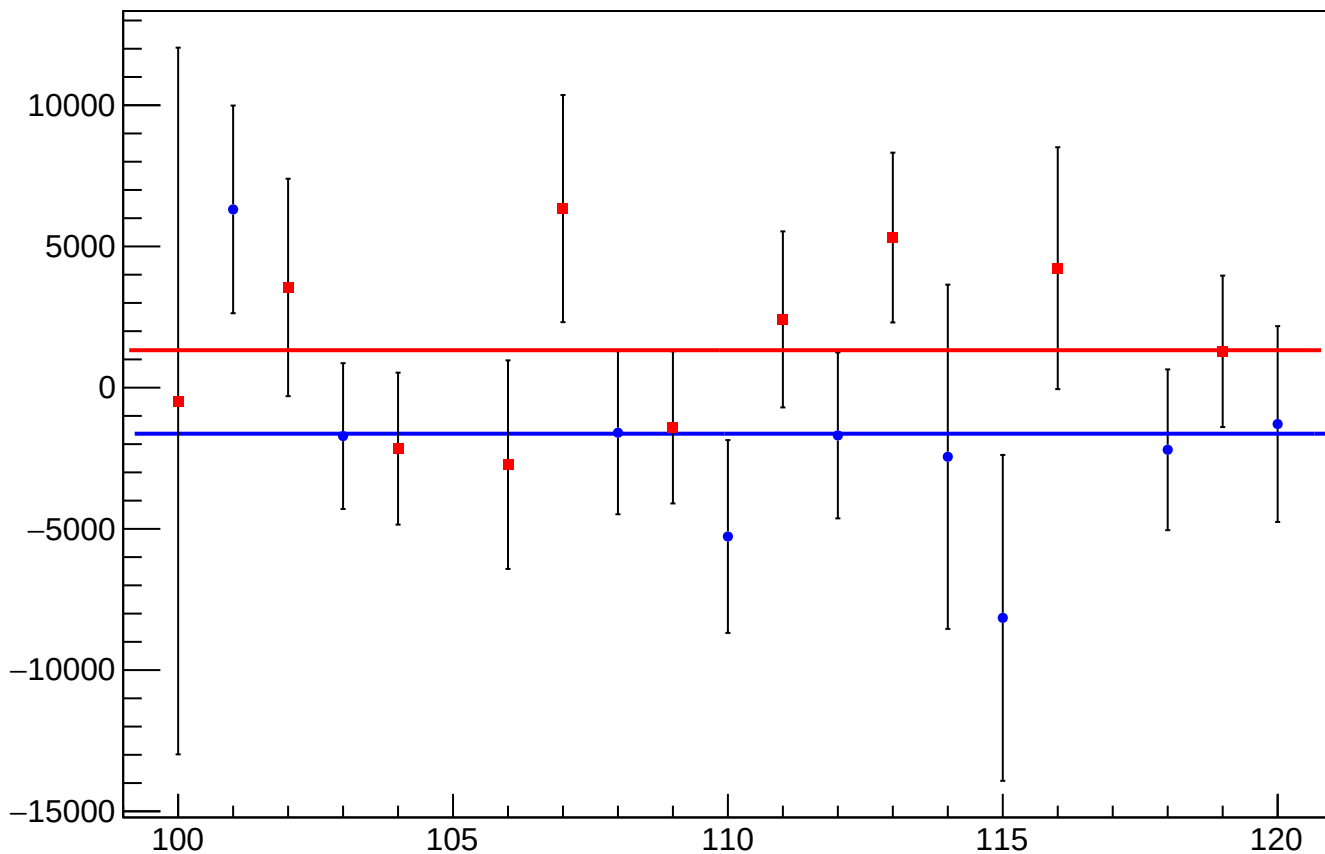
Right: 2308.012+/-0.606 χ^2/NDF : 664912.7/18

In: 2474.096+/-0.919 χ^2/NDF : 100413.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2308.012+/-0.606 χ^2/NDF : 664912.7/18

dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1630.409+/-1111.467 χ^2/NDF : 7.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1325.618+/-1058.602 χ^2/NDF : 8.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

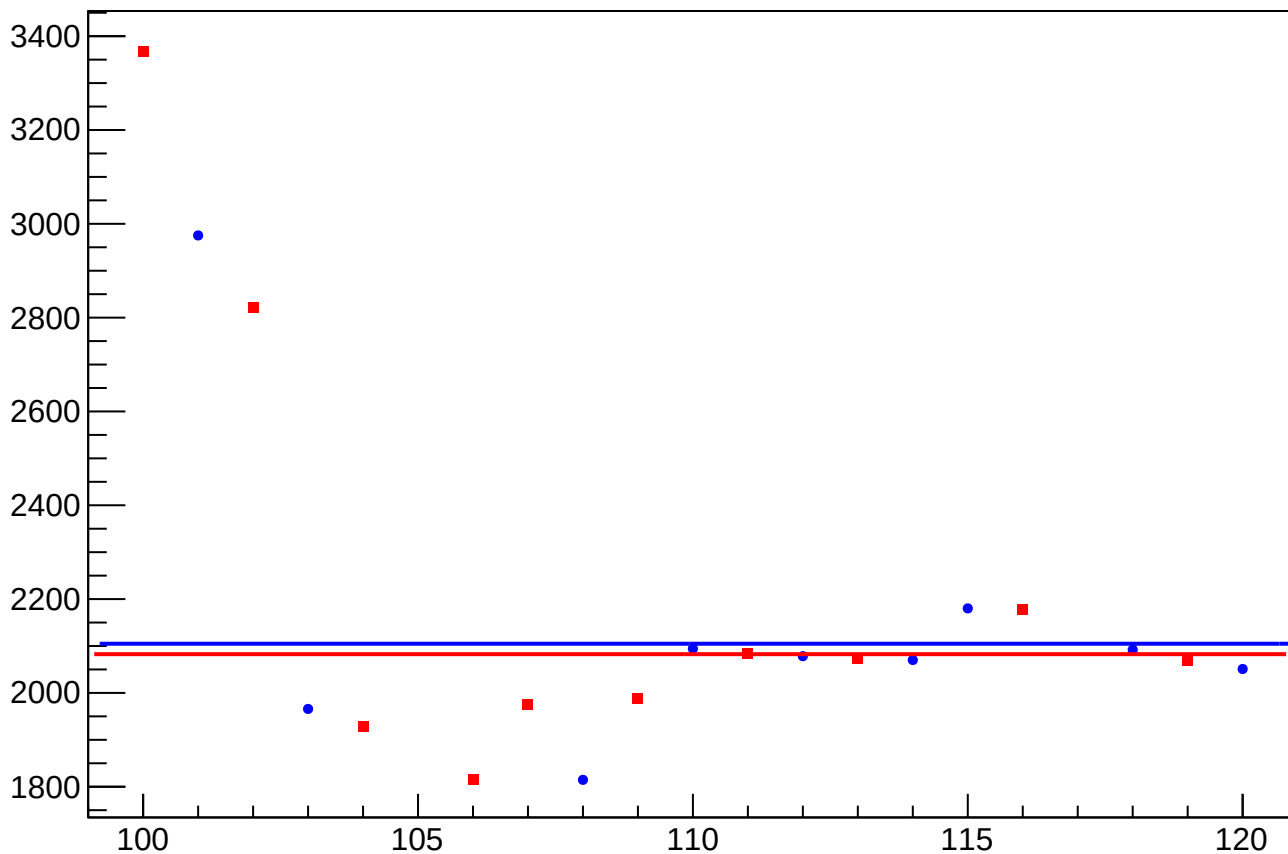
Right: -80.427+/-766.553 χ^2/NDF : 19.0/18

In: -1630.409+/-1111.467 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -80.427+/-766.553 χ^2/NDF : 19.0/18

dit_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2104.818+/-0.786 χ^2/NDF : 139196.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2082.578+/-0.749 χ^2/NDF : 116697.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

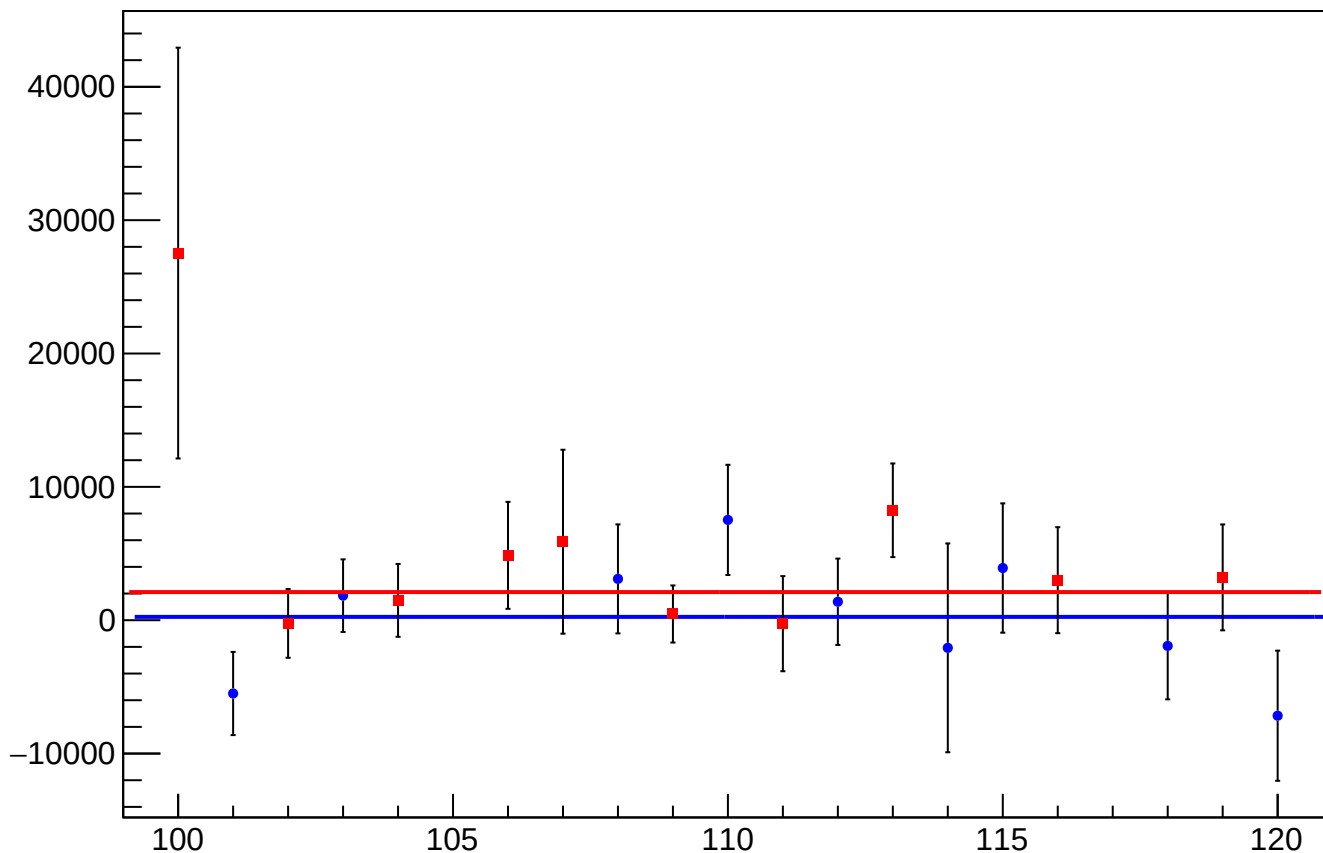
Right: 2093.156+/-0.542 χ^2/NDF : 256314.3/18

In: 2104.818+/-0.786 χ^2/NDF : 139196.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2093.156+/-0.542 χ^2/NDF : 256314.3/18

asym_us_dd_at2lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 249.758+/-1275.364 χ^2/NDF : 10.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2110.041+/-1068.324 χ^2/NDF : 8.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

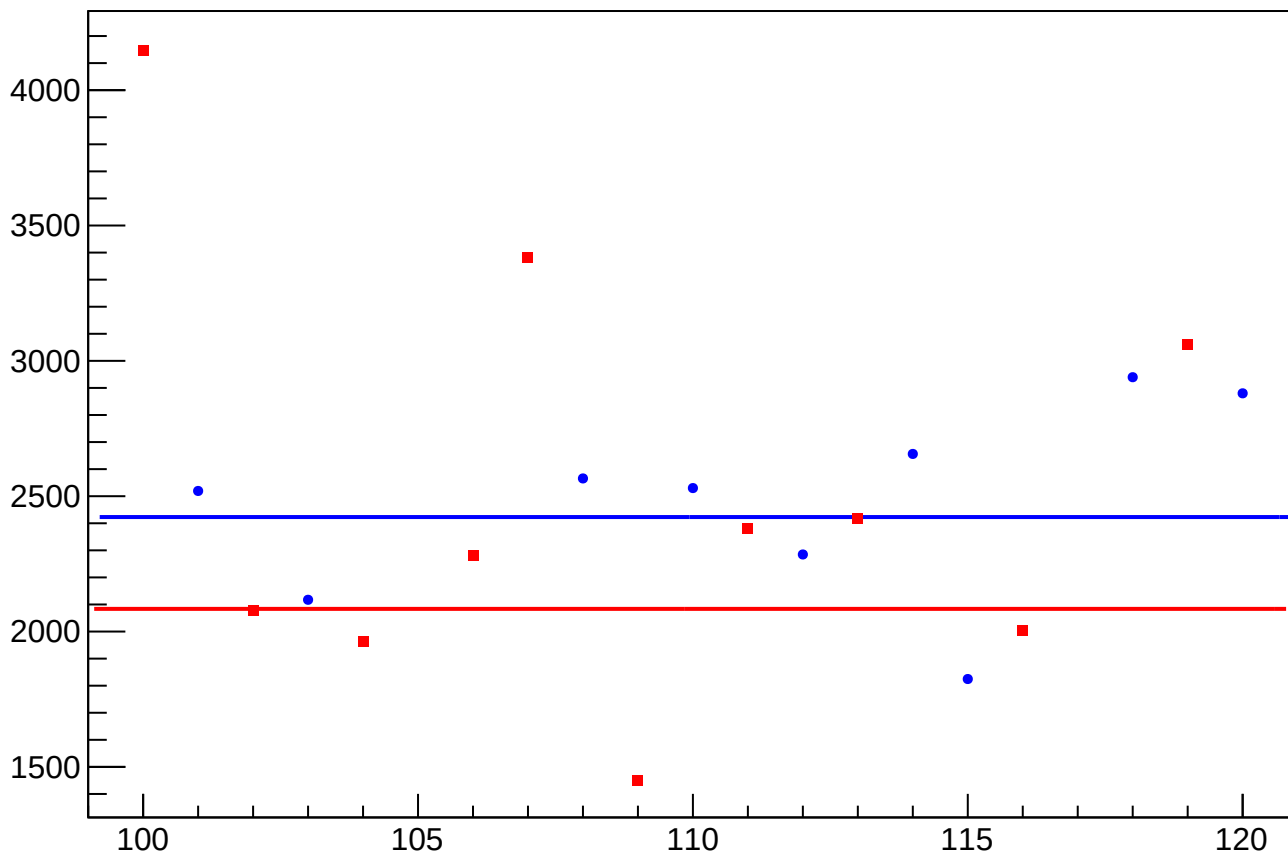
Right: 1342.963+/-818.963 χ^2/NDF : 20.5/18

In: 249.758+/-1275.364 χ^2/NDF : 10.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1342.963+/-818.963 χ^2/NDF : 20.5/18

asym_us_dd_at2lr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2423.009+/-0.902 χ^2/NDF : 117587.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2083.772+/-0.755 χ^2/NDF : 444318.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

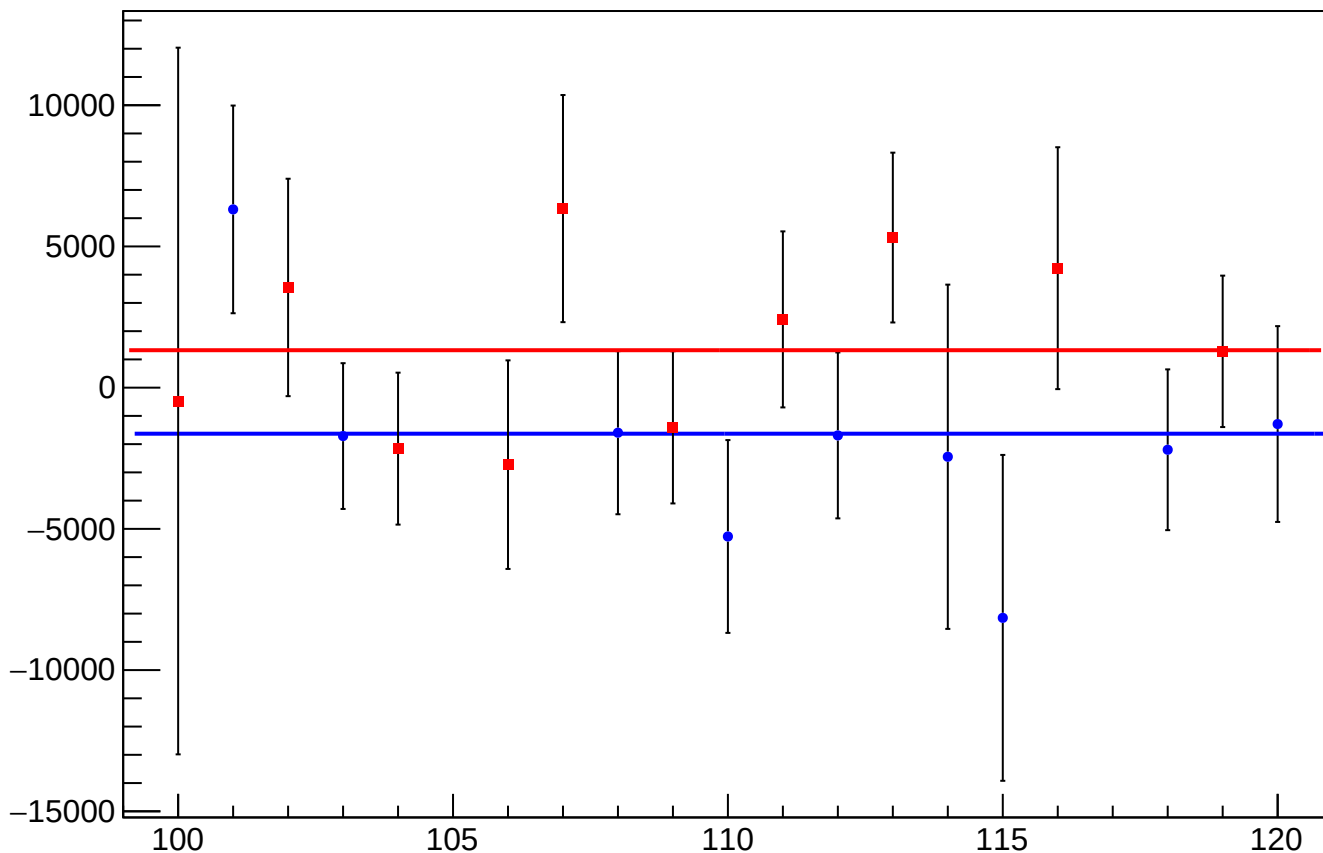
Right: 2223.655+/-0.579 χ^2/NDF : 645062.1/18

In: 2423.009+/-0.902 χ^2/NDF : 117587.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2223.655+/-0.579 χ^2/NDF : 645062.1/18

eigen_dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1630.401+/-1111.467 χ^2/NDF : 7.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1325.615+/-1058.602 χ^2/NDF : 8.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

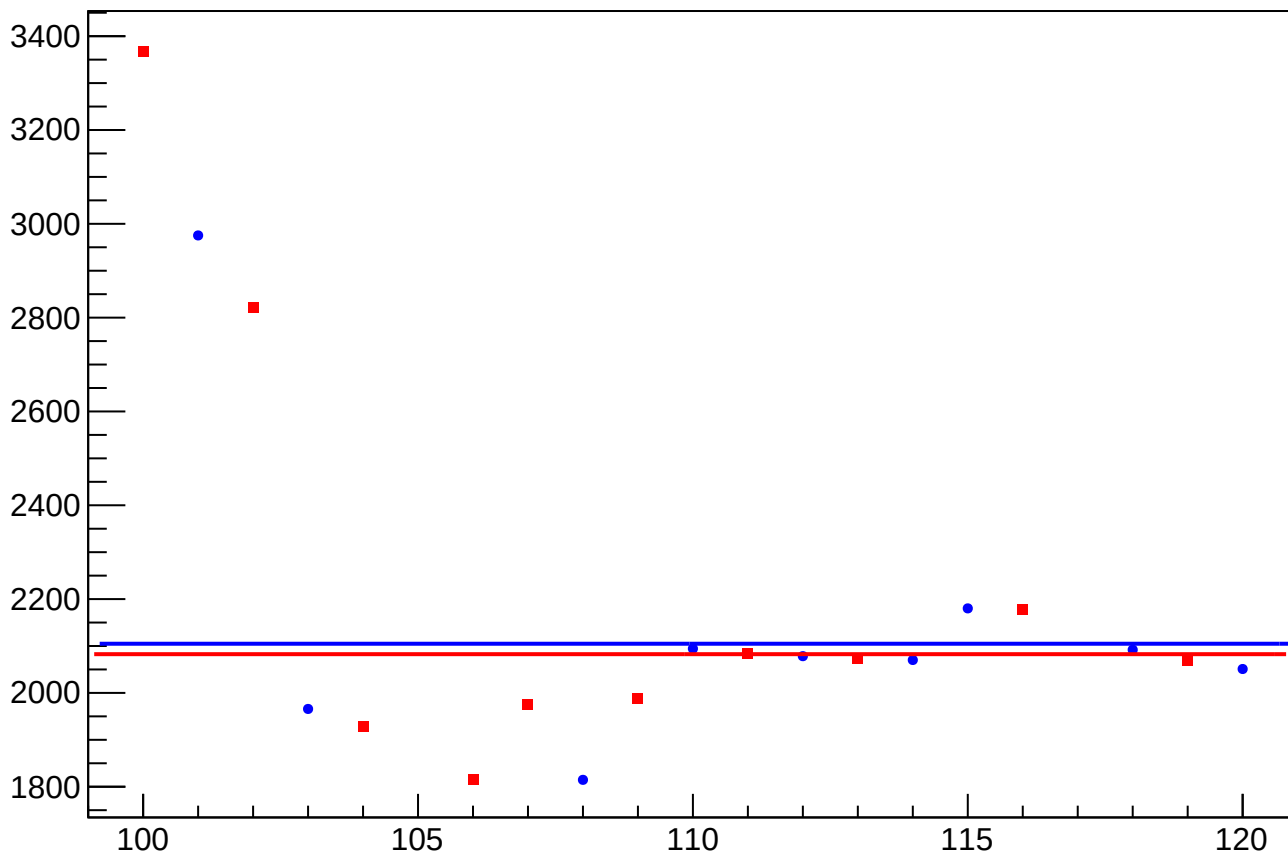
Right: -80.425+/-766.553 χ^2/NDF : 19.0/18

In: -1630.401+/-1111.467 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -80.425+/-766.553 χ^2/NDF : 19.0/18

eigen_dit_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2104.818+/-0.786 χ^2/NDF : 139196.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2082.578+/-0.749 χ^2/NDF : 116697.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

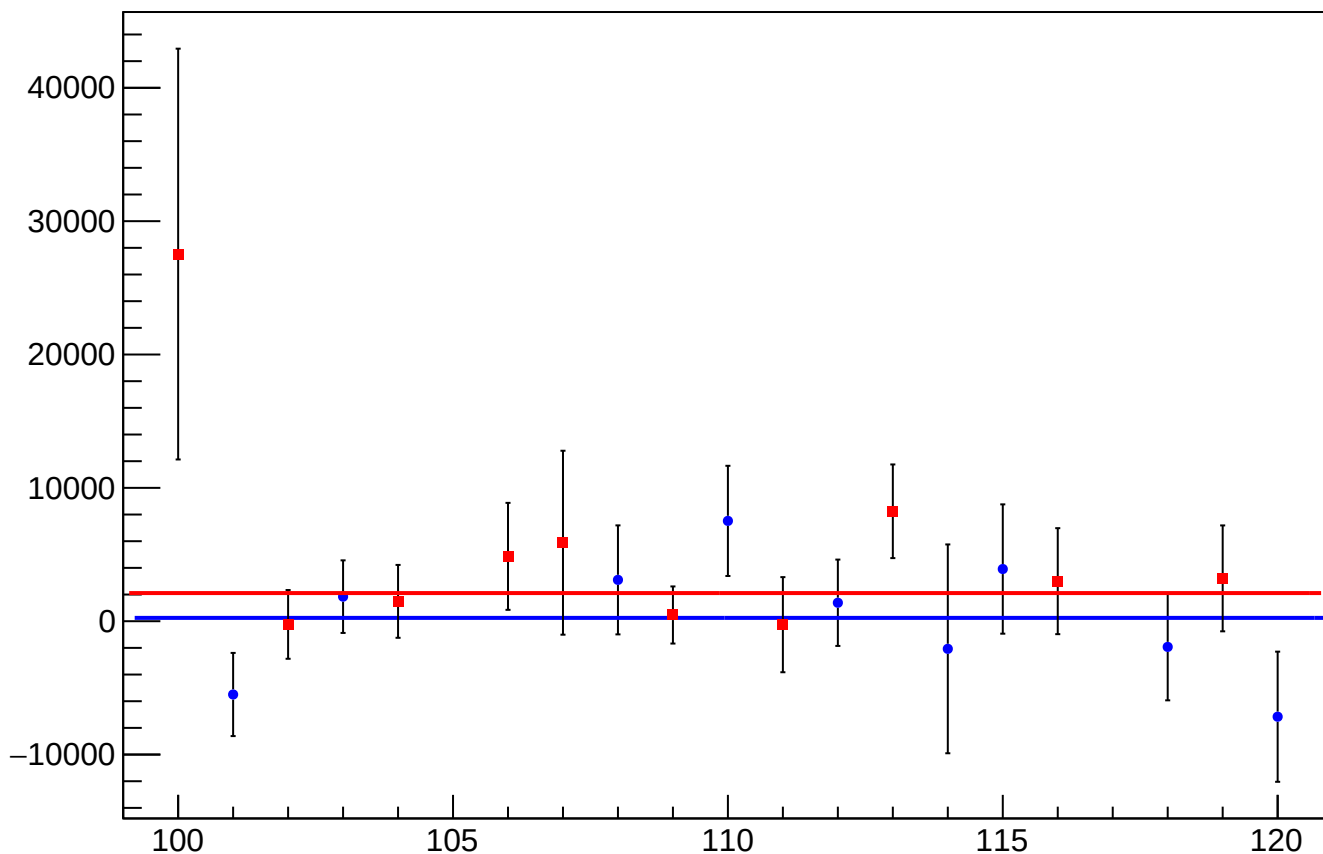
Right: 2093.156+/-0.542 χ^2/NDF : 256314.2/18

In: 2104.818+/-0.786 χ^2/NDF : 139196.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2093.156+/-0.542 χ^2/NDF : 256314.2/18

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 249.758+/-1275.362 χ^2/NDF : 10.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2110.047+/-1068.326 χ^2/NDF : 8.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

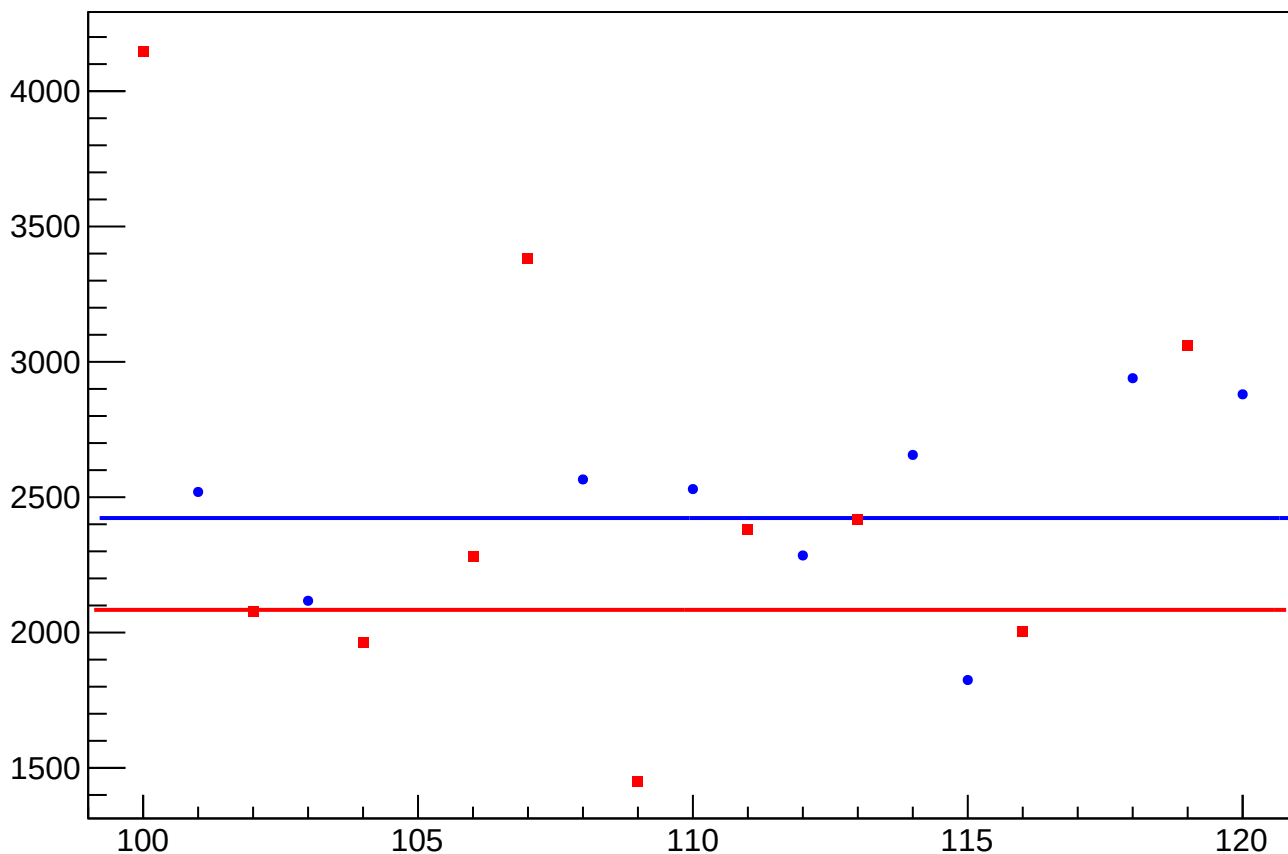
Right: 1342.964+/-818.963 χ^2/NDF : 20.5/18

In: 249.758+/-1275.362 χ^2/NDF : 10.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1342.964+/-818.963 χ^2/NDF : 20.5/18

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2423.006+/-0.902 χ^2/NDF : 117583.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2083.777+/-0.755 χ^2/NDF : 444307.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

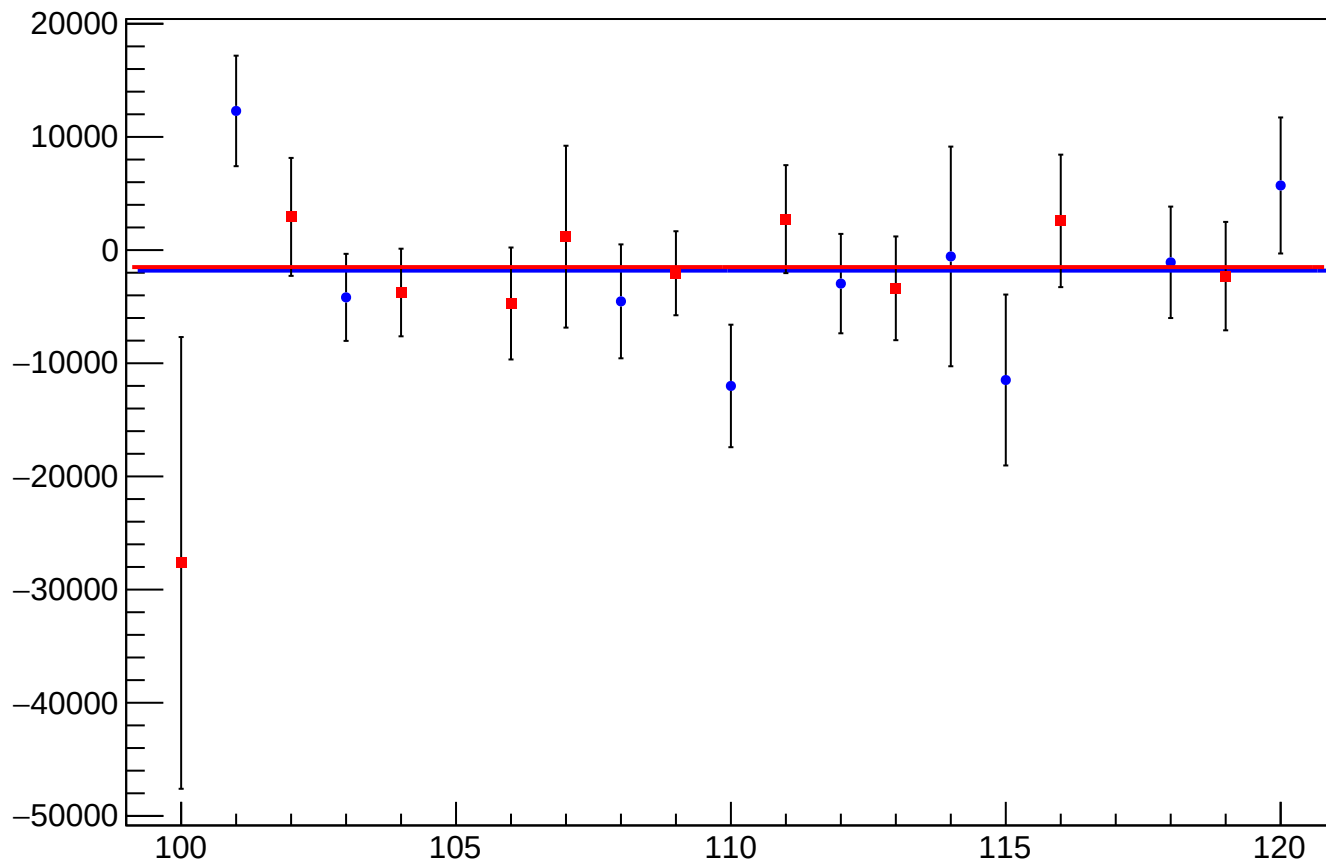
Right: 2223.657+/-0.579 χ^2/NDF : 645042.1/18

In: 2423.006+/-0.902 χ^2/NDF : 117583.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2223.657+/-0.579 χ^2/NDF : 645042.1/18

asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1813.925+/-1735.315 χ^2/NDF : 15.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1502.160+/-1582.562 χ^2/NDF : 4.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

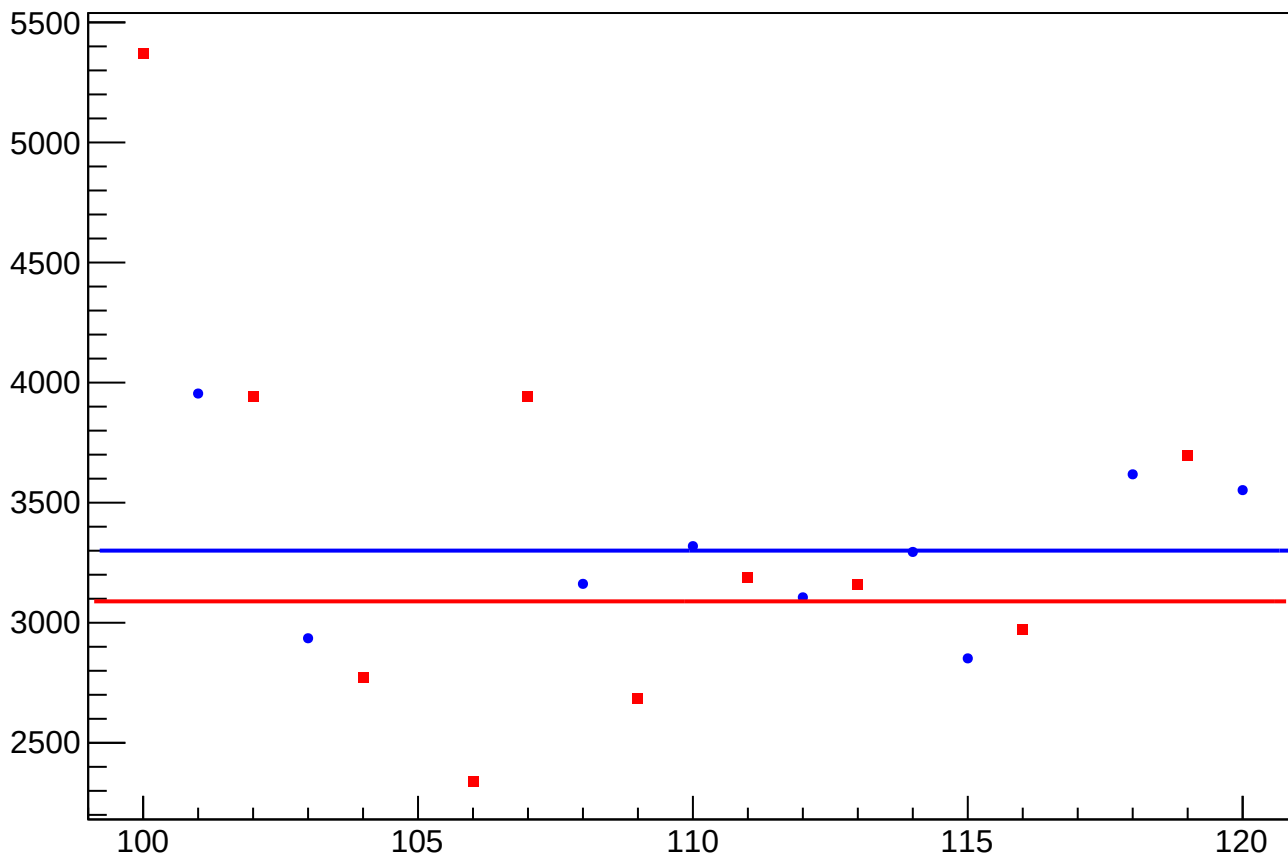
Right: -1643.719+/-1169.322 χ^2/NDF : 20.7/18

In: -1813.925+/-1735.315 χ^2/NDF : 15.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1643.719+/-1169.322 χ^2/NDF : 20.7/18

asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3300.390+/-1.227 χ^2/NDF : 78265.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3089.087+/-1.119 χ^2/NDF : 219952.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

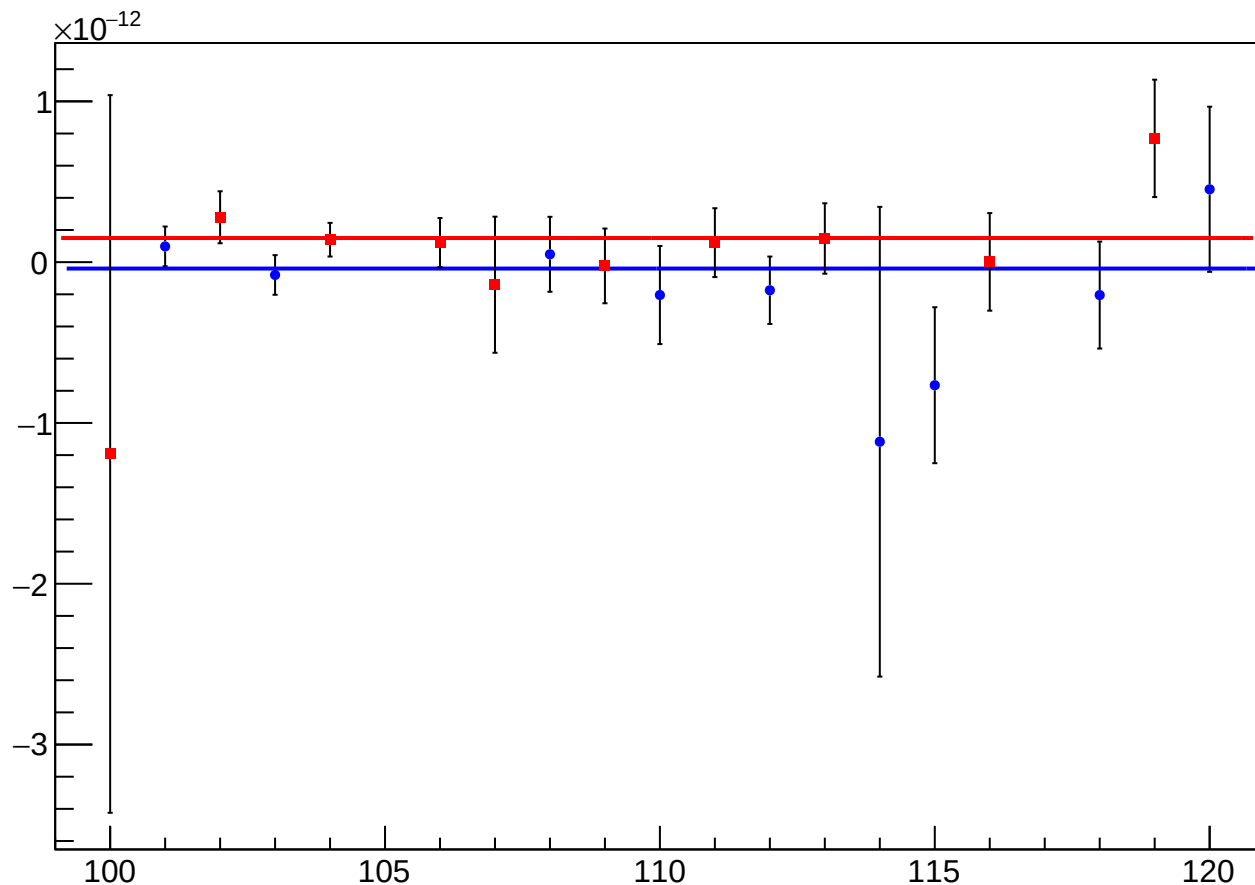
Right: 3185.028+/-0.827 χ^2/NDF : 314407.7/18

In: 3300.390+/-1.227 χ^2/NDF : 78265.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3185.028+/-0.827 χ^2/NDF : 314407.7/18

asym_us_dd_at2lr_dd_avg_reg_vs_slug_sign_corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

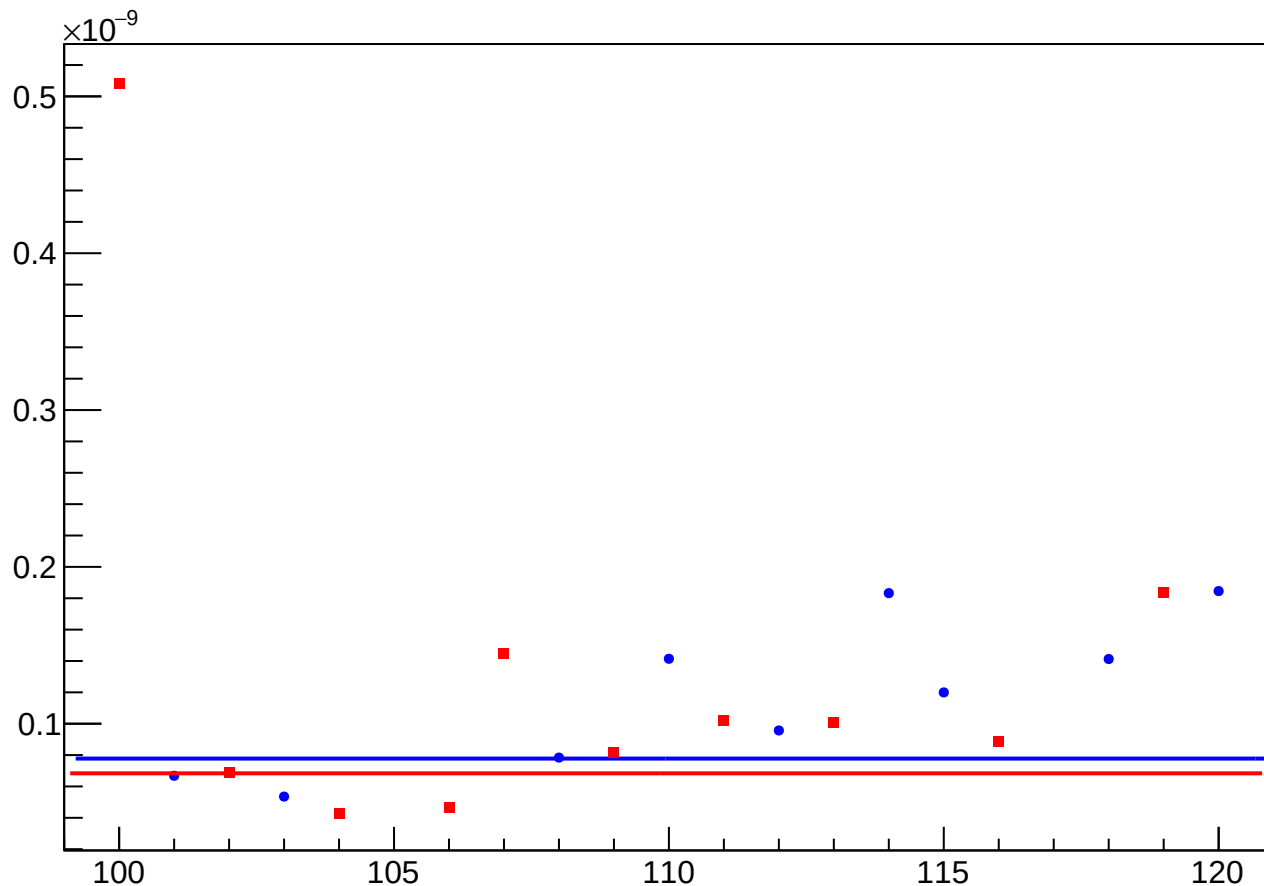
Right: 0.000+/-0.000 χ^2/NDF : 15.4/18

In: -0.000+/-0.000 χ^2/NDF : 6.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.4/18

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 379429.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 613304.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

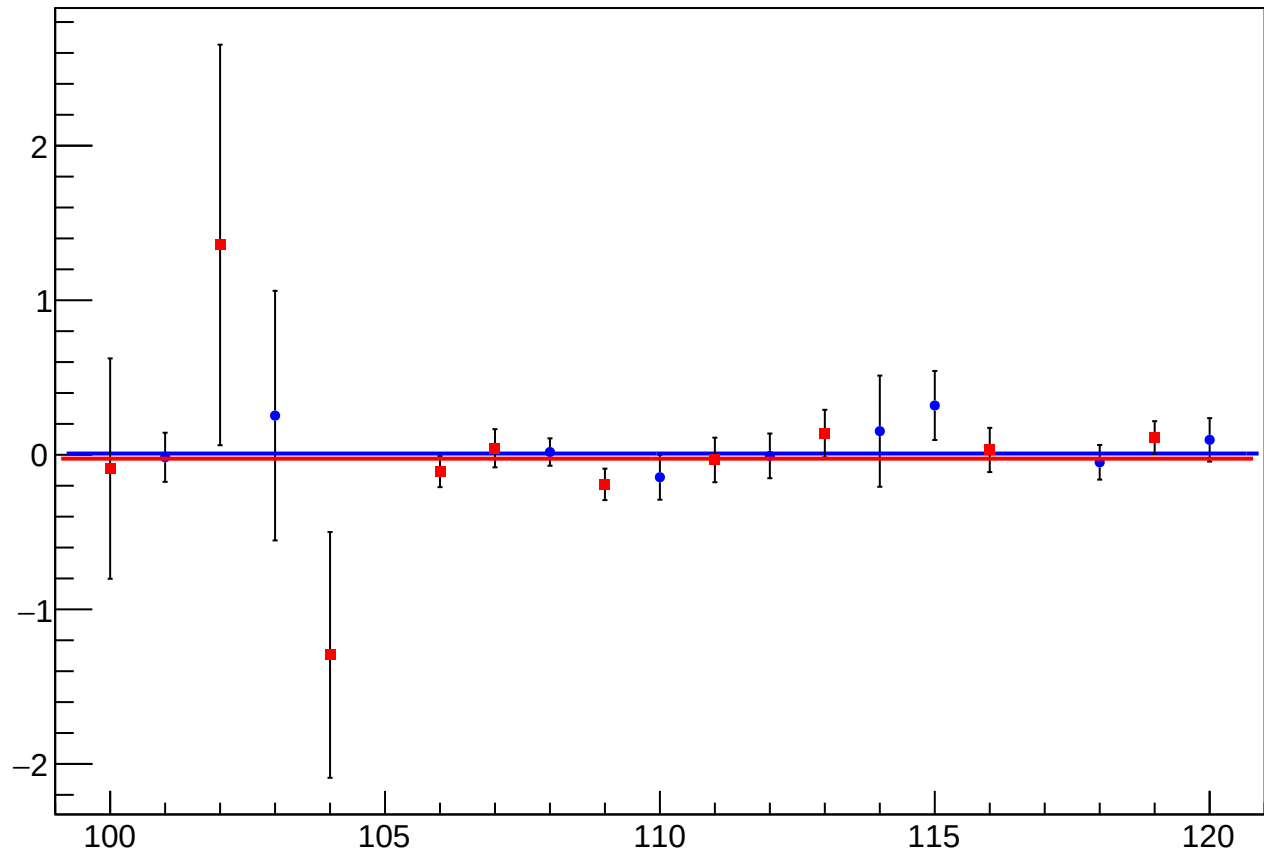
Right: 0.000+/-0.000 χ^2/NDF : 1012737.7/18

In: 0.000+/-0.000 χ^2/NDF : 379429.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1012737.7/18

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008+/-0.049 χ^2/NDF : 4.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.025+/-0.045 χ^2/NDF : 10.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

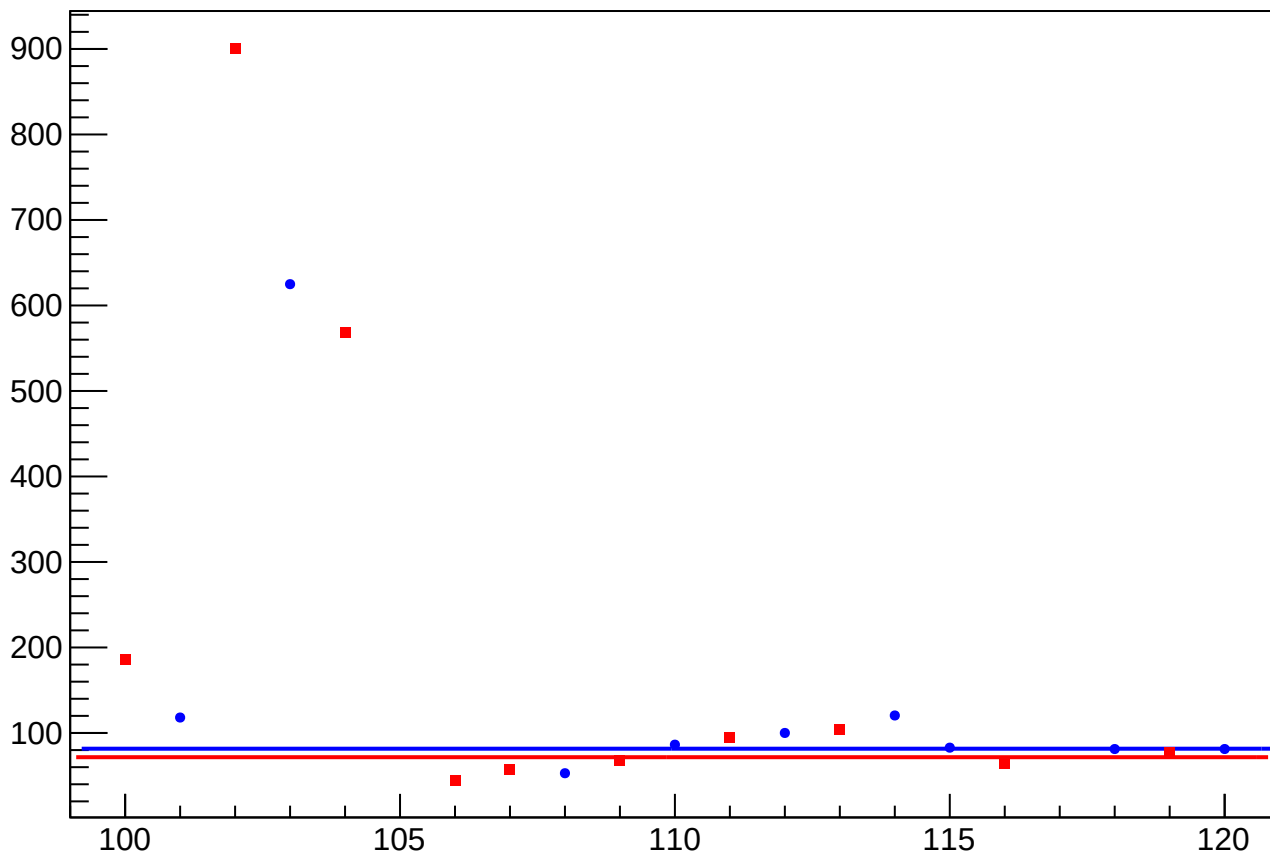
Right: -0.010+/-0.033 χ^2/NDF : 14.6/18

In: 0.008+/-0.049 χ^2/NDF : 4.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.033 χ^2/NDF : 14.6/18

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 81.604+/-0.034 χ^2/NDF : 1278373.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.666+/-0.032 χ^2/NDF : 1986428.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

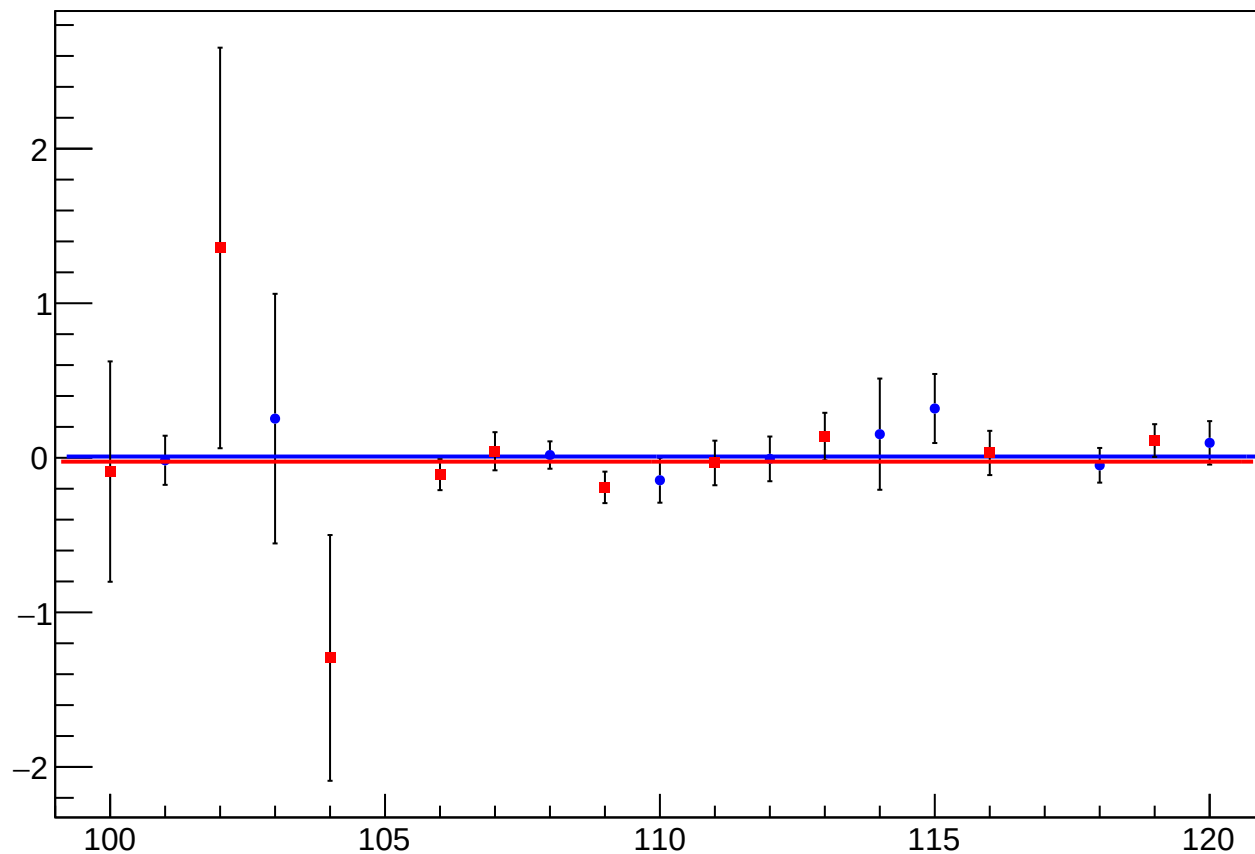
Right: 76.239+/-0.023 χ^2/NDF : 3309751.1/18

In: 81.604+/-0.034 χ^2/NDF : 1278373.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.239+/-0.023 χ^2/NDF : 3309751.1/18

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008+/-0.049 χ^2/NDF : 4.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.025+/-0.045 χ^2/NDF : 10.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

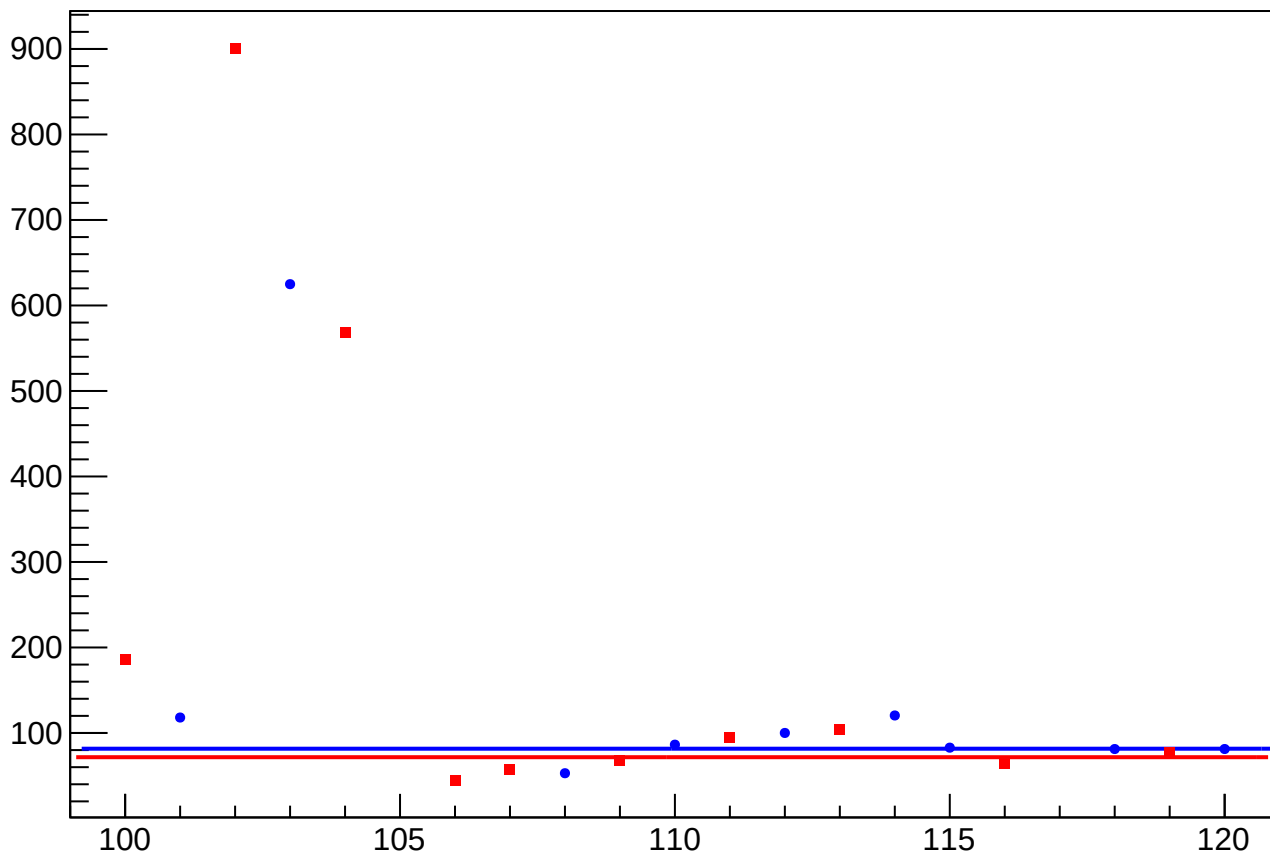
Right: -0.010+/-0.033 χ^2/NDF : 14.6/18

In: 0.008+/-0.049 χ^2/NDF :4.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.010+/-0.033 χ^2/NDF : 14.6/18

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 81.604+/-0.034 χ^2/NDF : 1278373.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.666+/-0.032 χ^2/NDF : 1986428.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

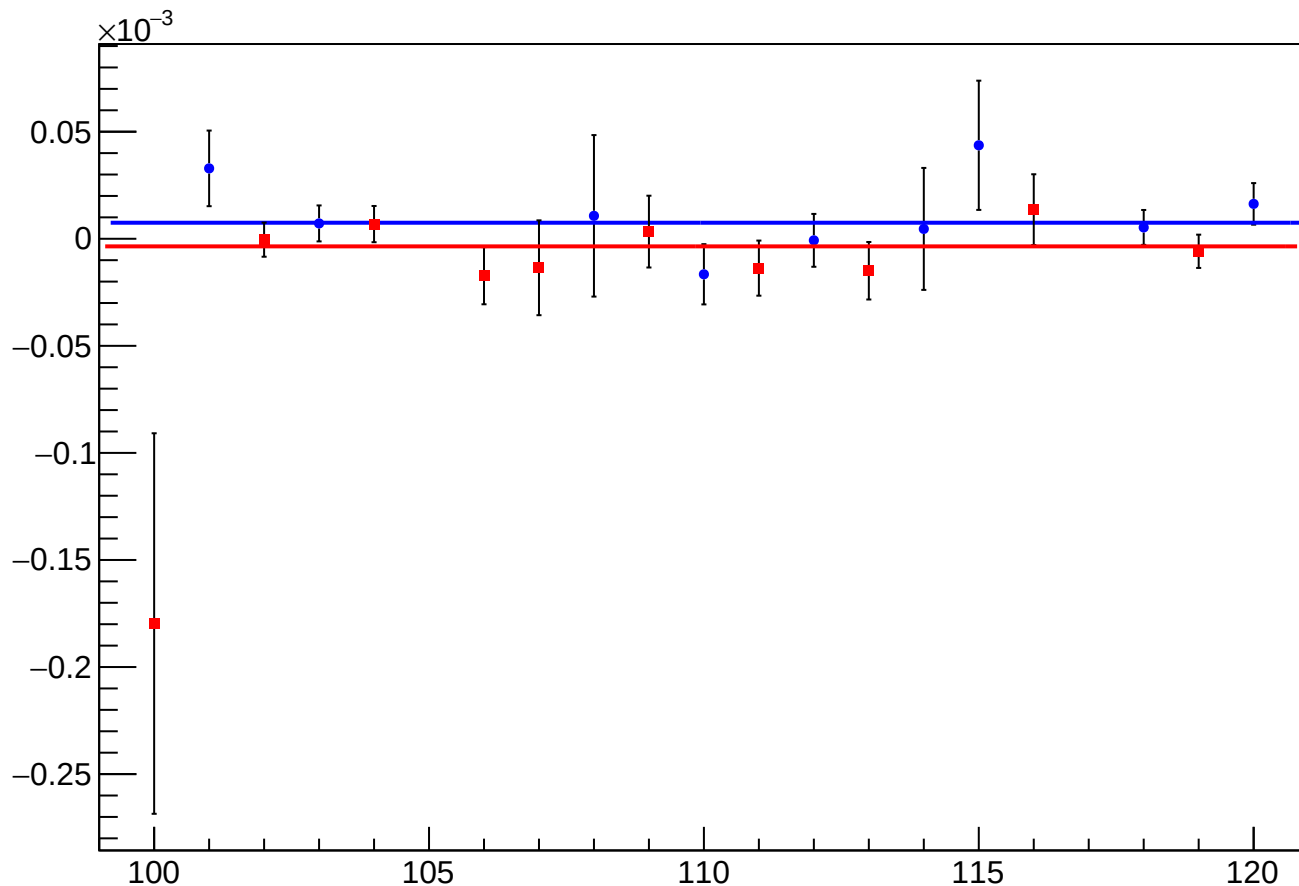
Right: 76.239+/-0.023 χ^2/NDF : 3309751.1/18

In: 81.604+/-0.034 χ^2/NDF : 1278373.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.239+/-0.023 χ^2/NDF : 3309751.1/18

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 : 7.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

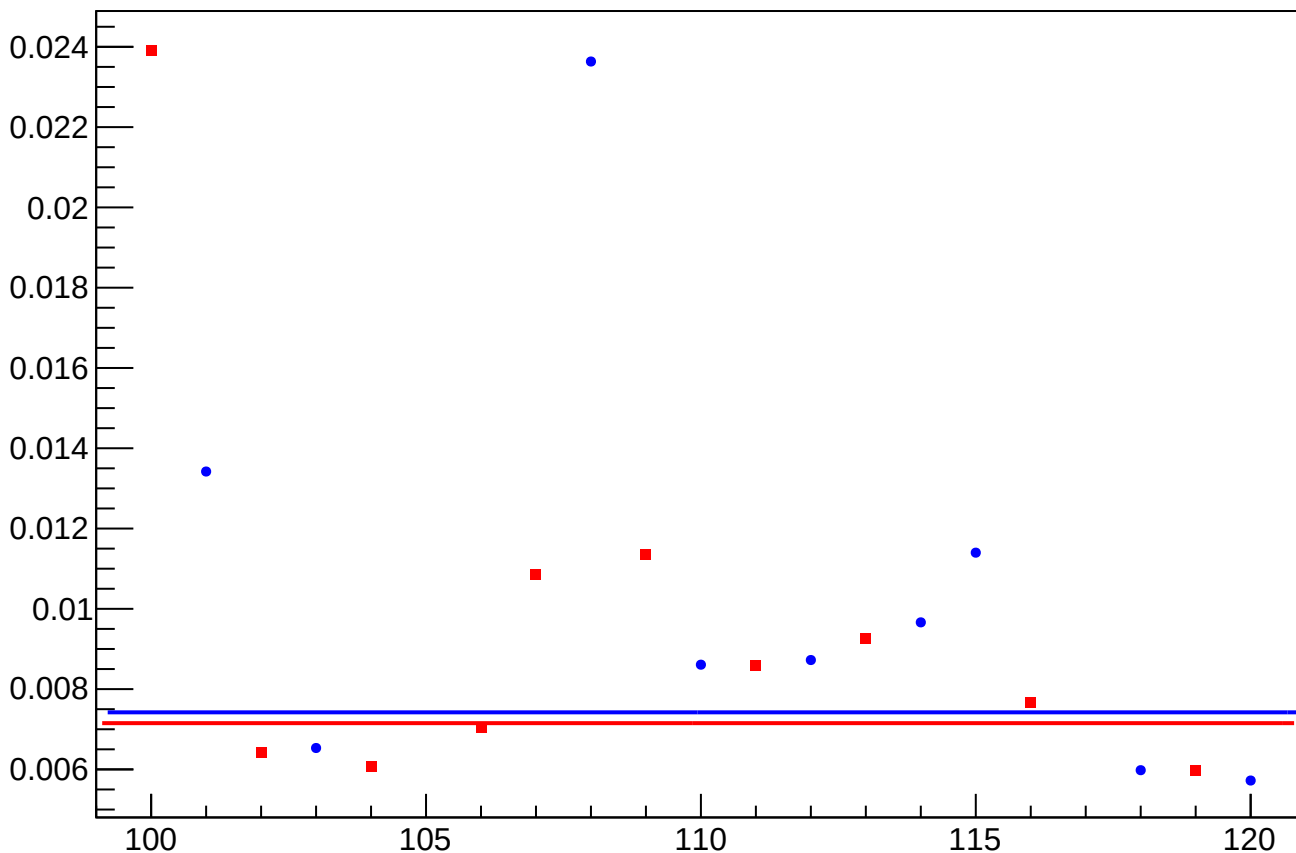
Right: 0.000+/-0.000 χ^2/NDF : 21.2/18

In: 0.000+/-0.000 χ^2/NDF : 7.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.2/18

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 830346.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 425433.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

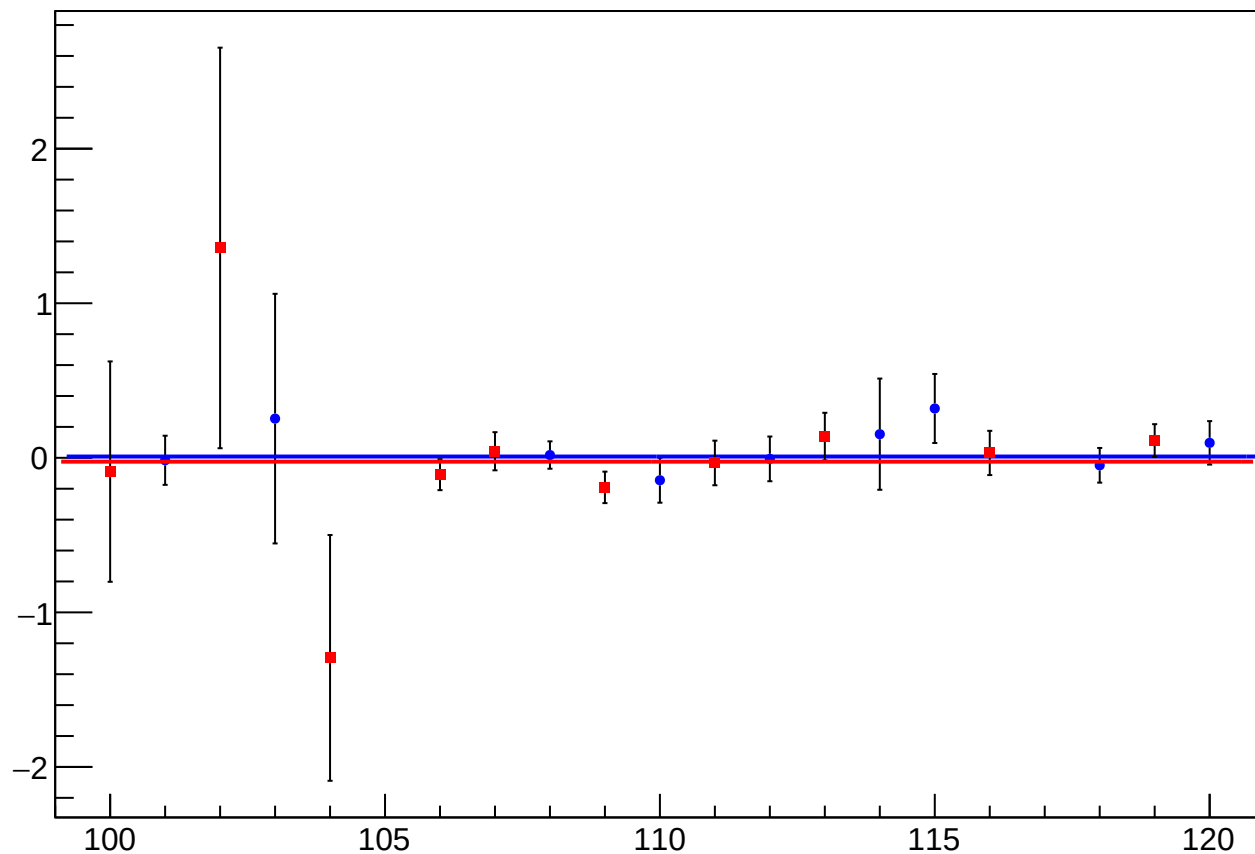
Right: 0.007+/-0.000 χ^2/NDF : 1260452.5/18

In: 0.007+/-0.000 χ^2/NDF :830346.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 1260452.5/18

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_slug, Sign Corrected



Right In: 0.008+/-0.049 χ^2/NDF : 4.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.025+/-0.045 χ^2/NDF : 10.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

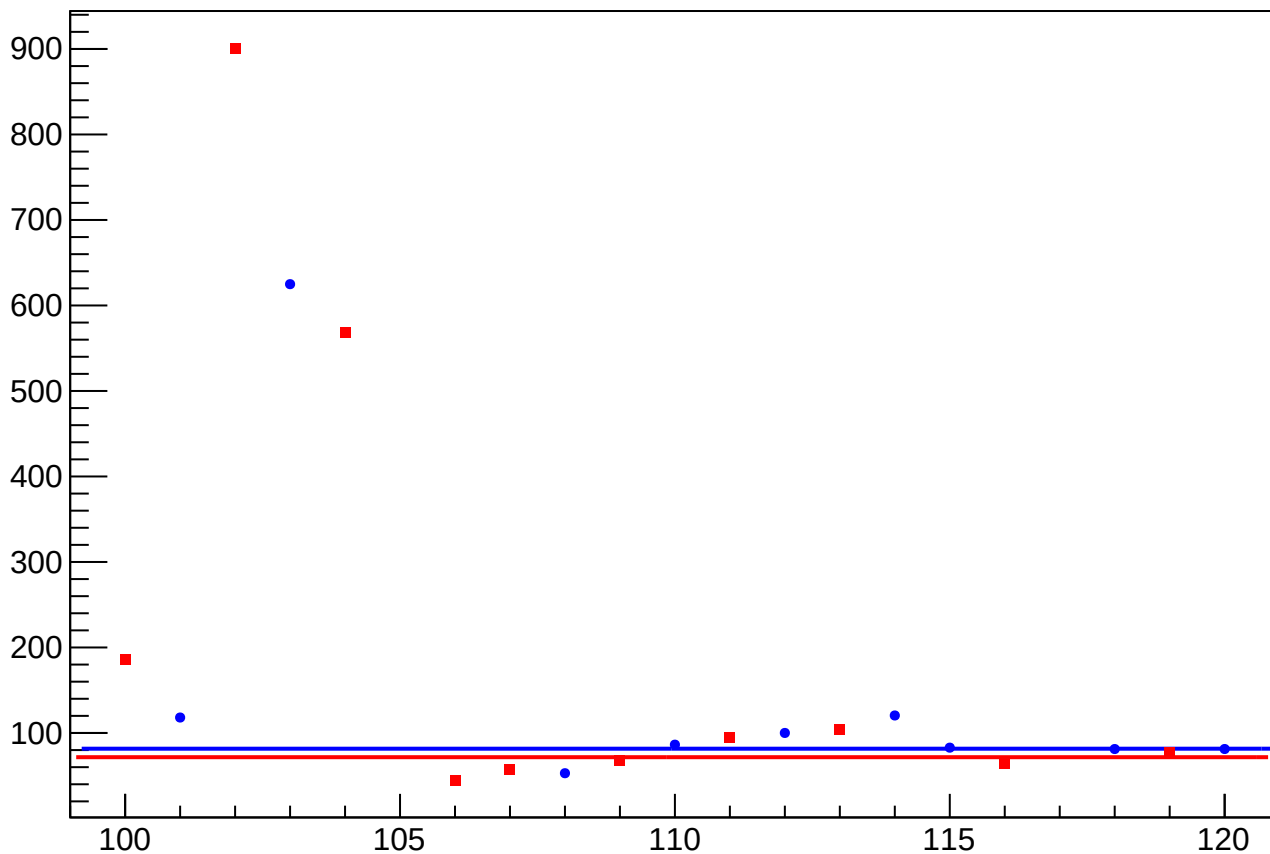
Right: -0.010+/-0.033 χ^2/NDF : 14.6/18

In: 0.008+/-0.049 χ^2/NDF : 4.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.033 χ^2/NDF : 14.6/18

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 81.609+/-0.034 χ^2/NDF : 1278208.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.666+/-0.032 χ^2/NDF : 1986427.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

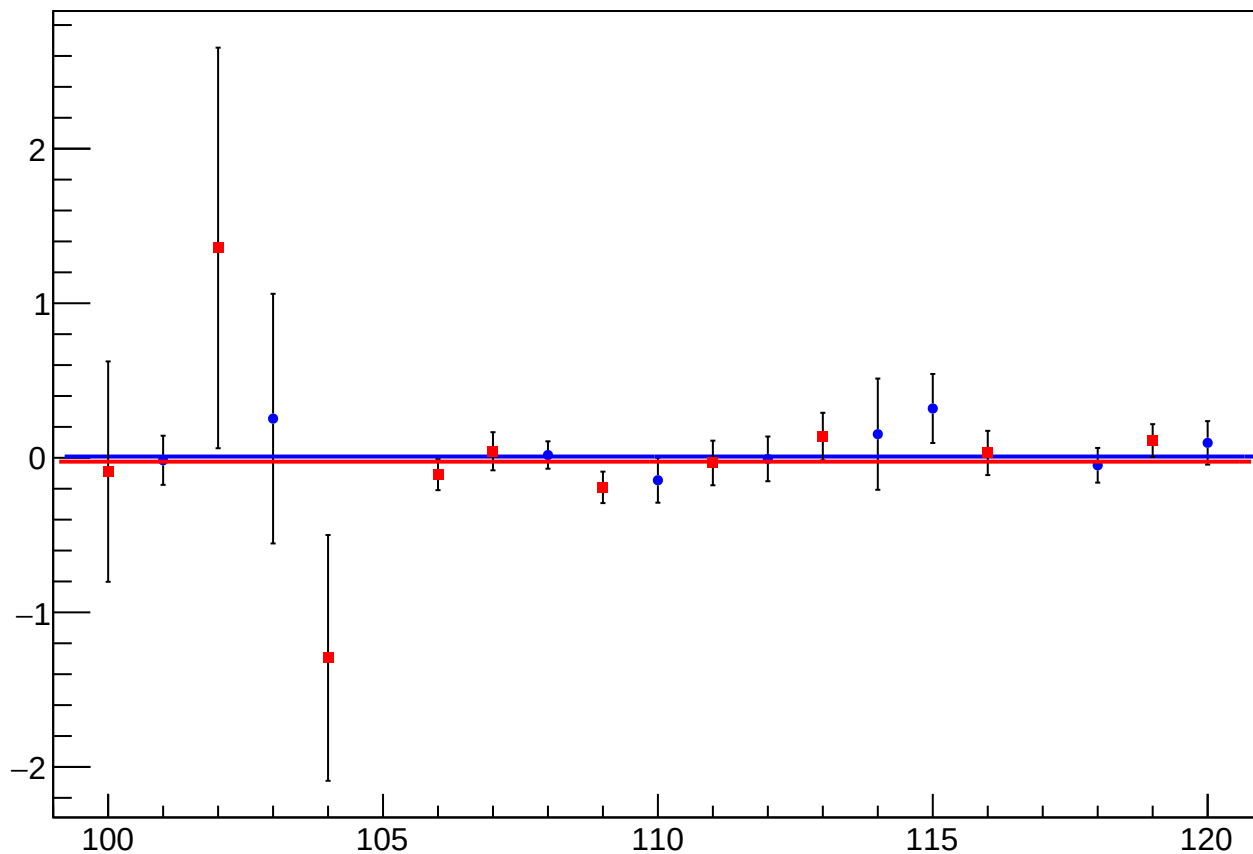
Right: 76.241+/-0.023 χ^2/NDF : 3309628.2/18

In: 81.609+/-0.034 χ^2/NDF : 1278208.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.241+/-0.023 χ^2/NDF : 3309628.2/18

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008+/-0.049 χ^2/NDF : 4.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.025+/-0.045 χ^2/NDF : 10.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

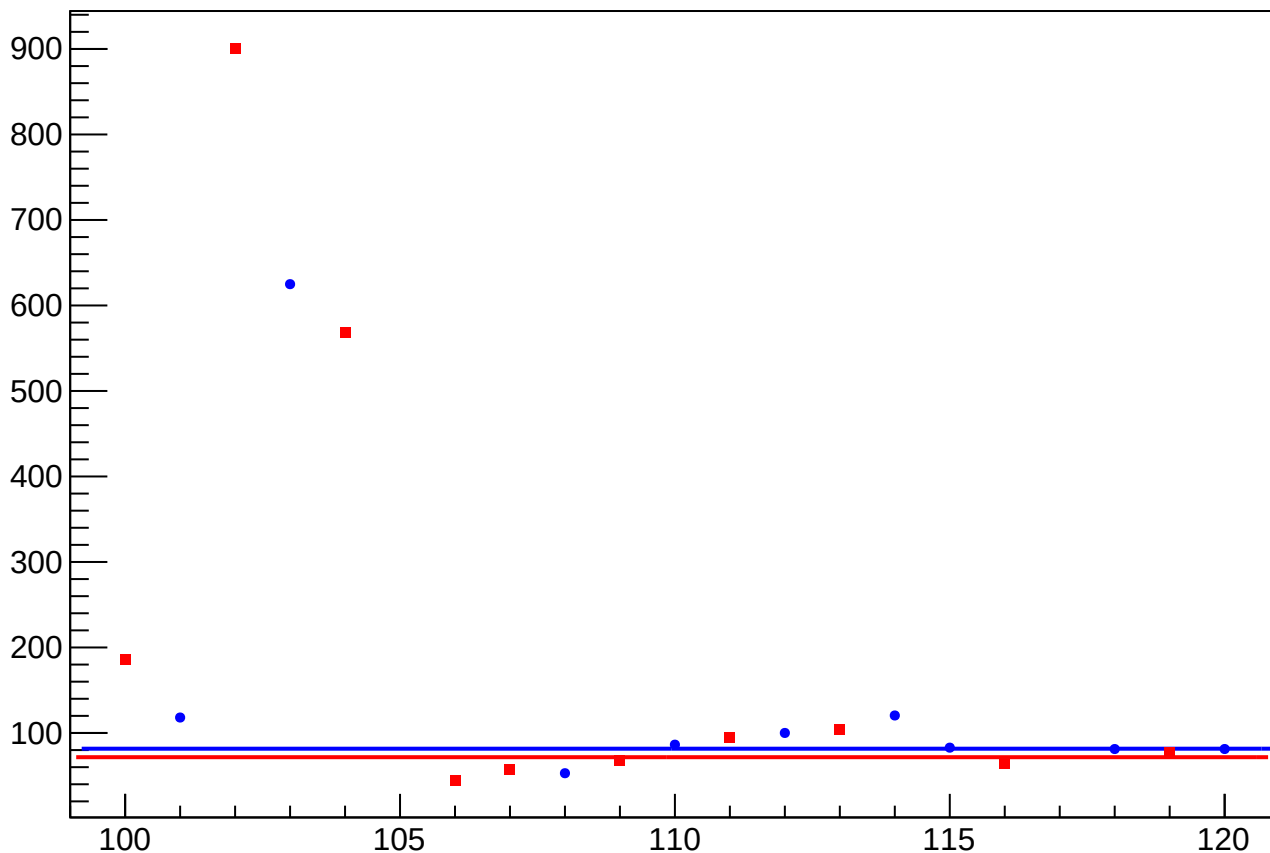
Right: -0.010+/-0.033 χ^2/NDF : 14.6/18

In: 0.008+/-0.049 χ^2/NDF :4.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.010+/-0.033 χ^2/NDF : 14.6/18

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 81.609+/-0.034 χ^2/NDF : 1278208.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.666+/-0.032 χ^2/NDF : 1986427.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

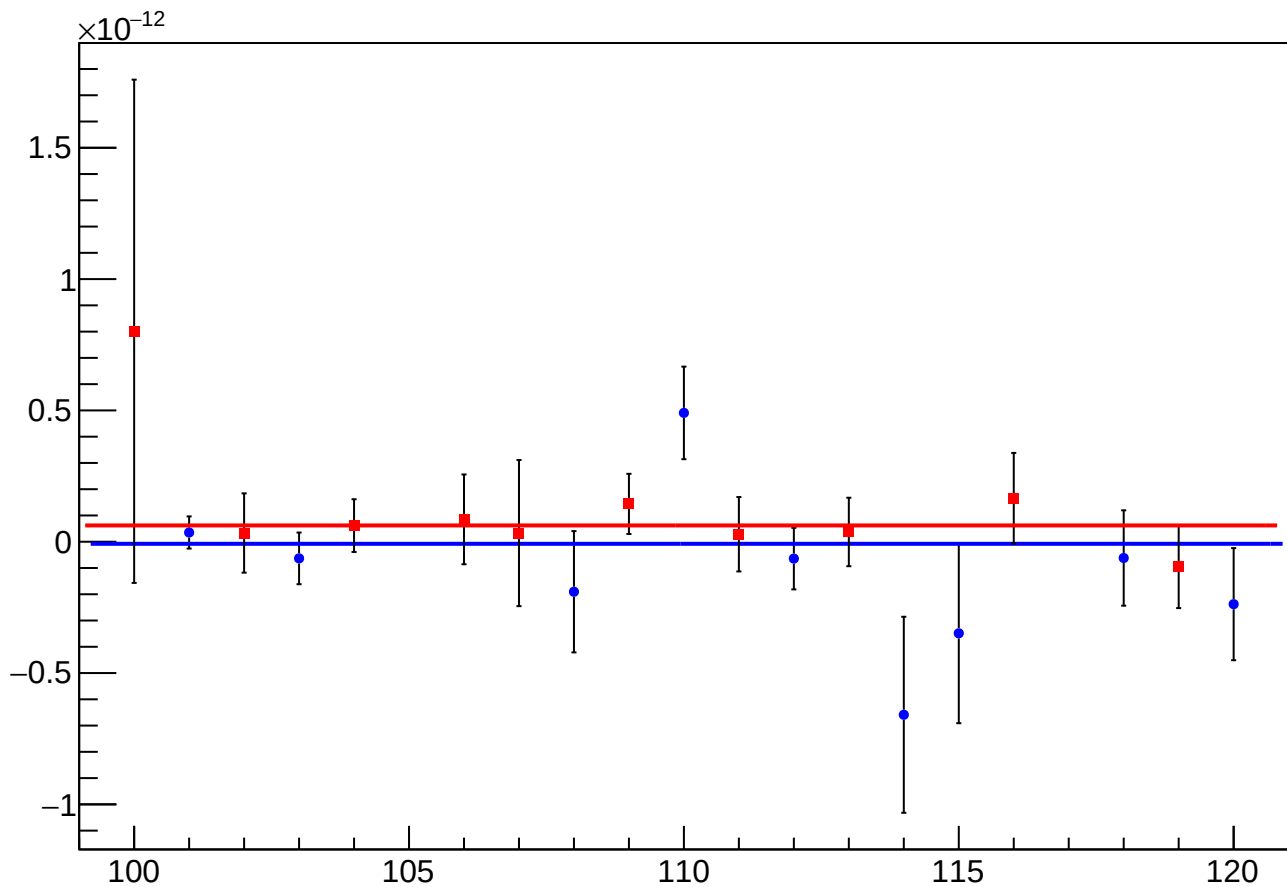
Right: 76.241+/-0.023 χ^2/NDF : 3309628.2/18

In: 81.609+/-0.034 χ^2/NDF : 1278208.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.241+/-0.023 χ^2/NDF : 3309628.2/18

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 : 14.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

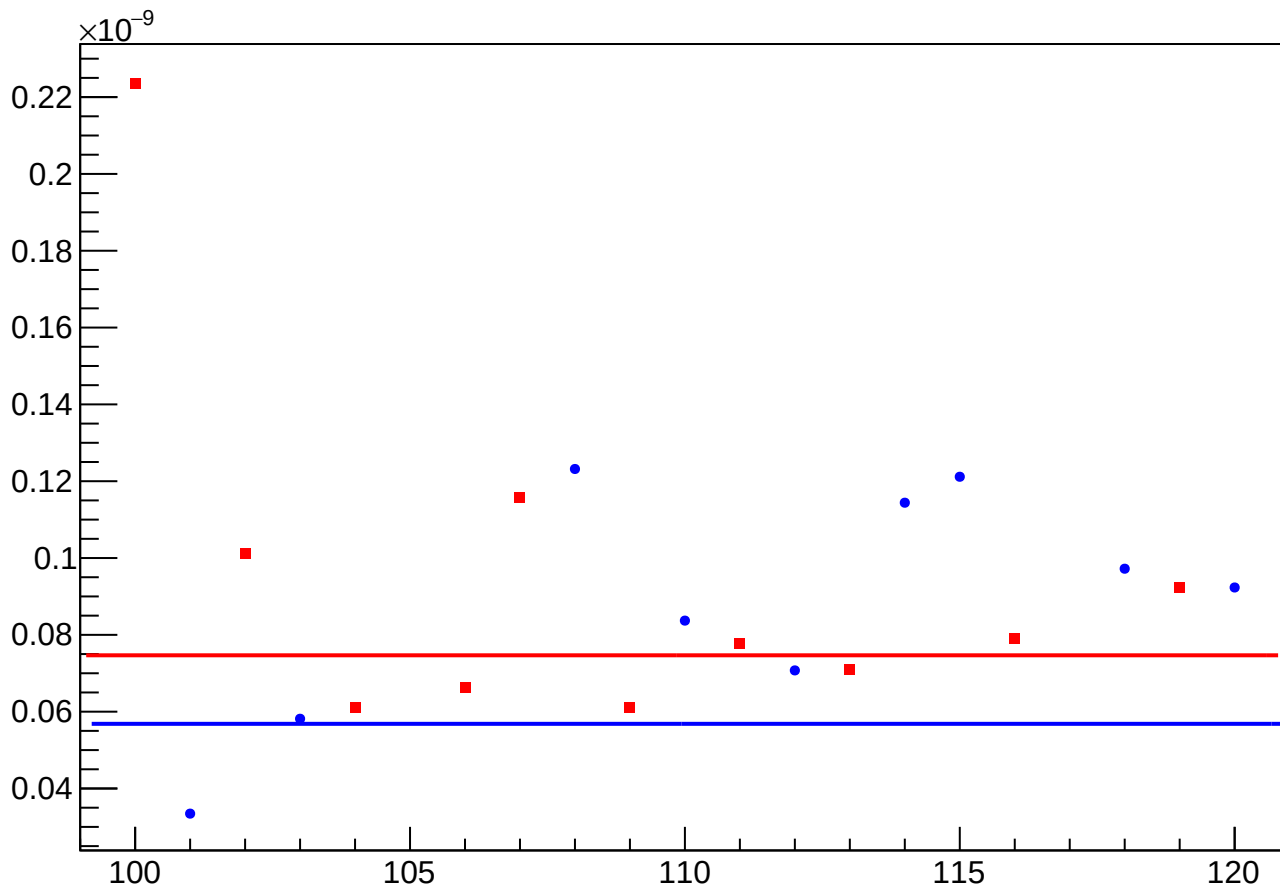
Right: 0.000+/-0.000 χ^2/NDF : 18.8/18

In: -0.000+/-0.000 χ^2/NDF : 14.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.8/18

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 : 803610.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 252062.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

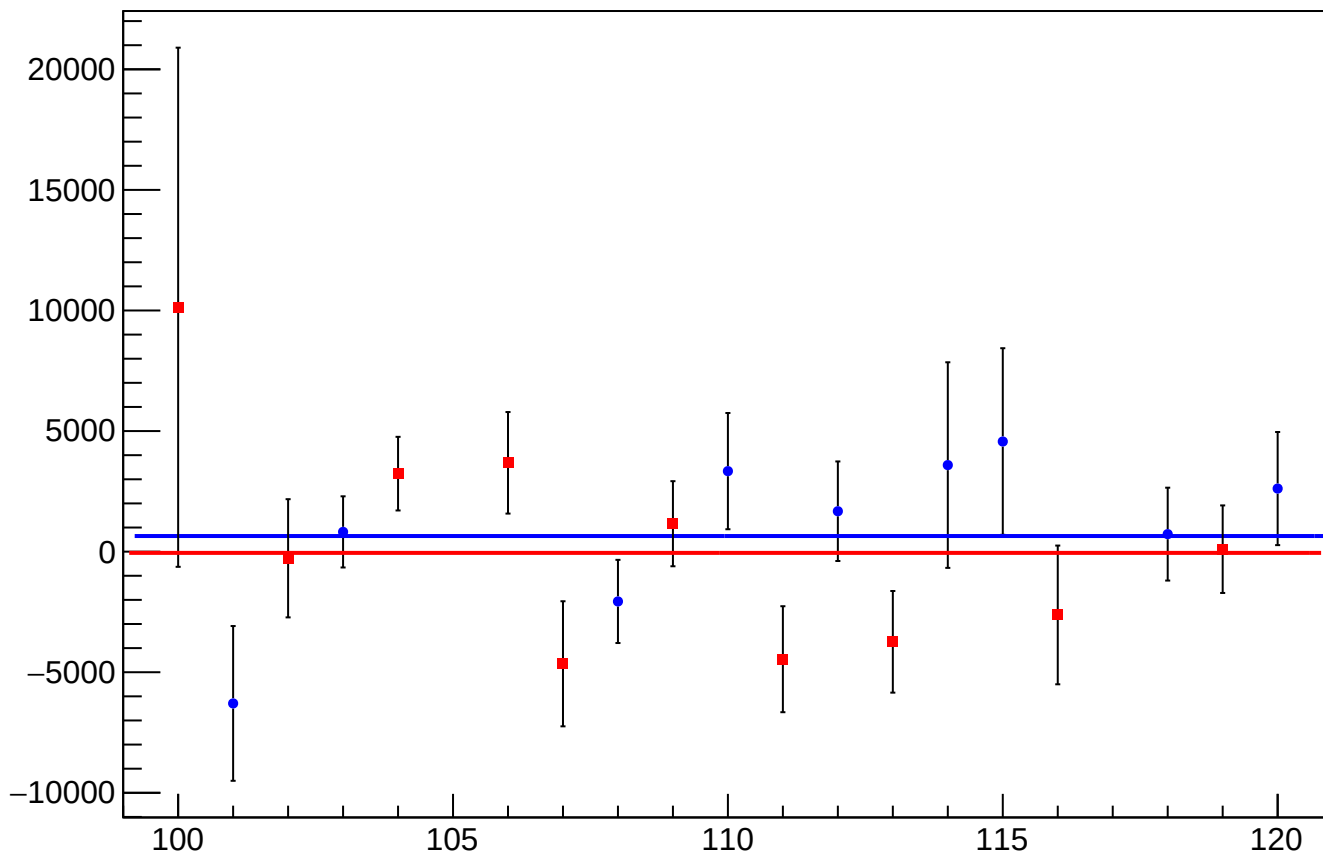
Right: 0.000+/-0.000 χ^2/NDF : 1214754.5/18

In: 0.000+/-0.000 χ^2/NDF :803610.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1214754.5/18

reg_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 647.540+/-730.666 χ^2/NDF : 10.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -51.482+/-680.970 χ^2/NDF : 20.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

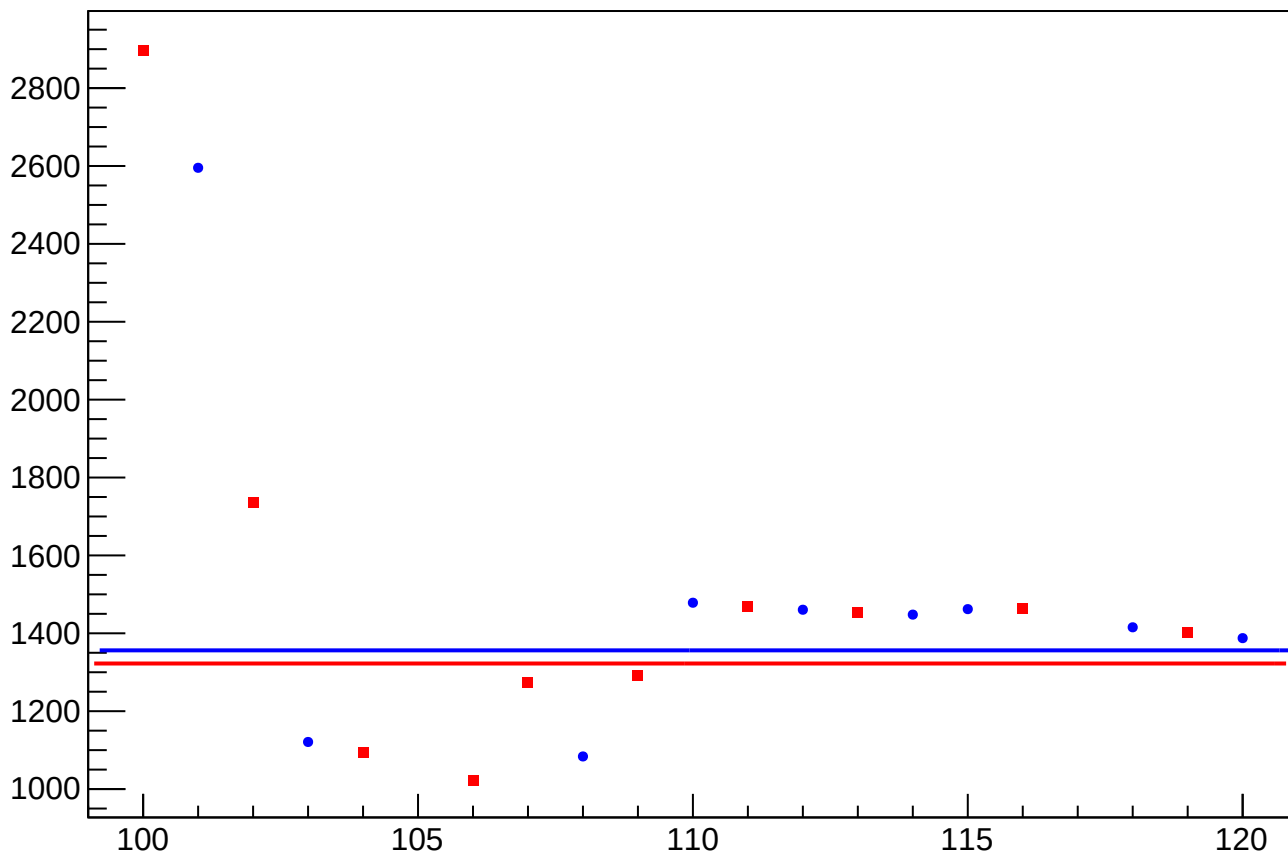
Right: 273.451+/-498.162 χ^2/NDF : 31.6/18

In: 647.540+/-730.666 χ^2/NDF : 10.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 273.451+/-498.162 χ^2/NDF : 31.6/18

reg_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1356.216+/-0.517 χ^2/NDF : 413986.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1322.441+/-0.482 χ^2/NDF : 211617.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

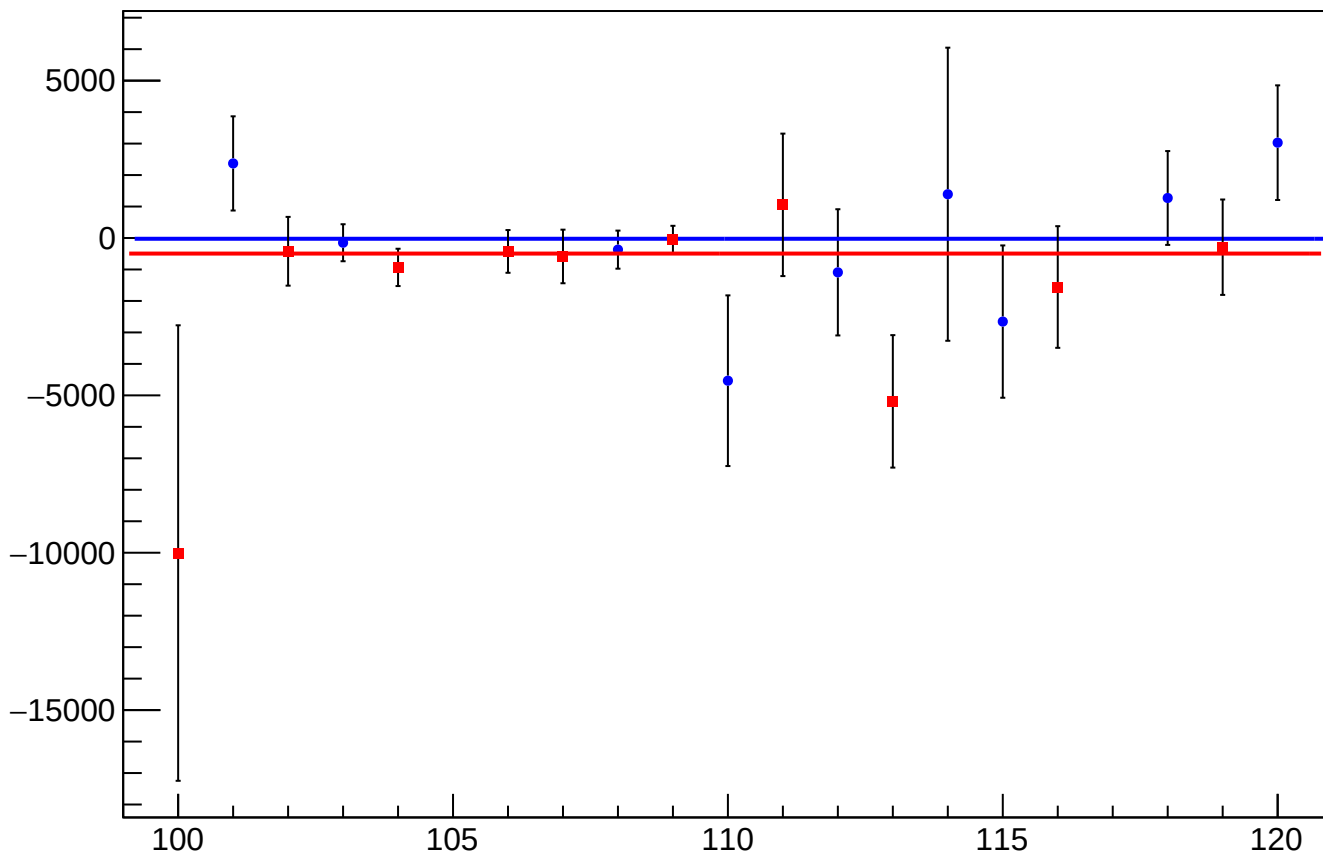
Right: 1338.141+/-0.352 χ^2/NDF : 627891.0/18

In: 1356.216+/-0.517 χ^2/NDF : 413986.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1338.141+/-0.352 χ^2/NDF : 627891.0/18

asym_us_dd_at2lr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -24.260 ± 366.959 $\chi^2/\text{NDF}: 10.8/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -494.610 ± 271.444 $\chi^2/\text{NDF}: 9.1/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

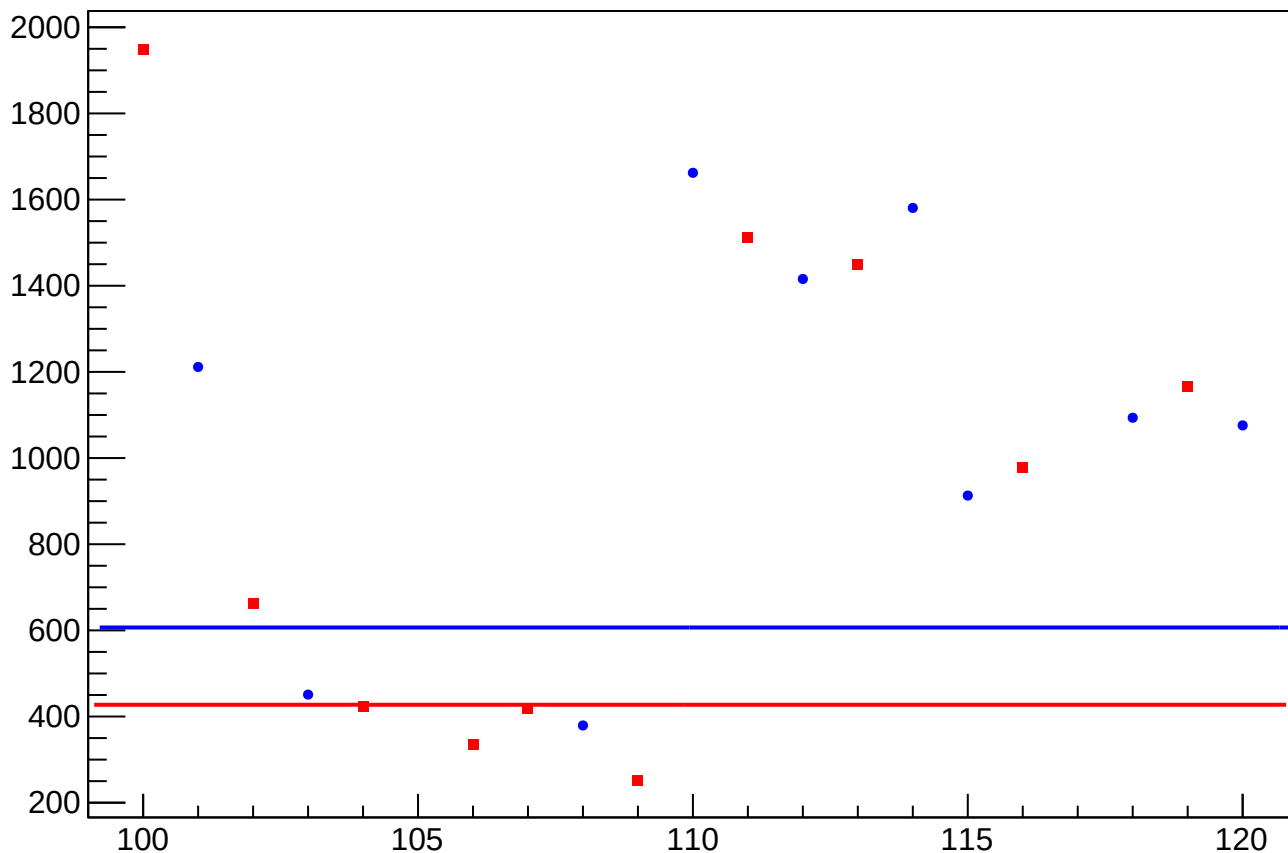
Right: -328.266 ± 218.228 $\chi^2/\text{NDF}: 21.0/18$

In: -24.260 ± 366.959 $\chi^2/\text{NDF}: 10.8/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -328.266 ± 218.228 $\chi^2/\text{NDF}: 21.0/18$

asym_us_dd_at2lr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 606.702 $\pm$ 0.259 χ^2 /NDF: 1844022.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 427.342 $\pm$ 0.192 χ^2 /NDF: 2110945.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

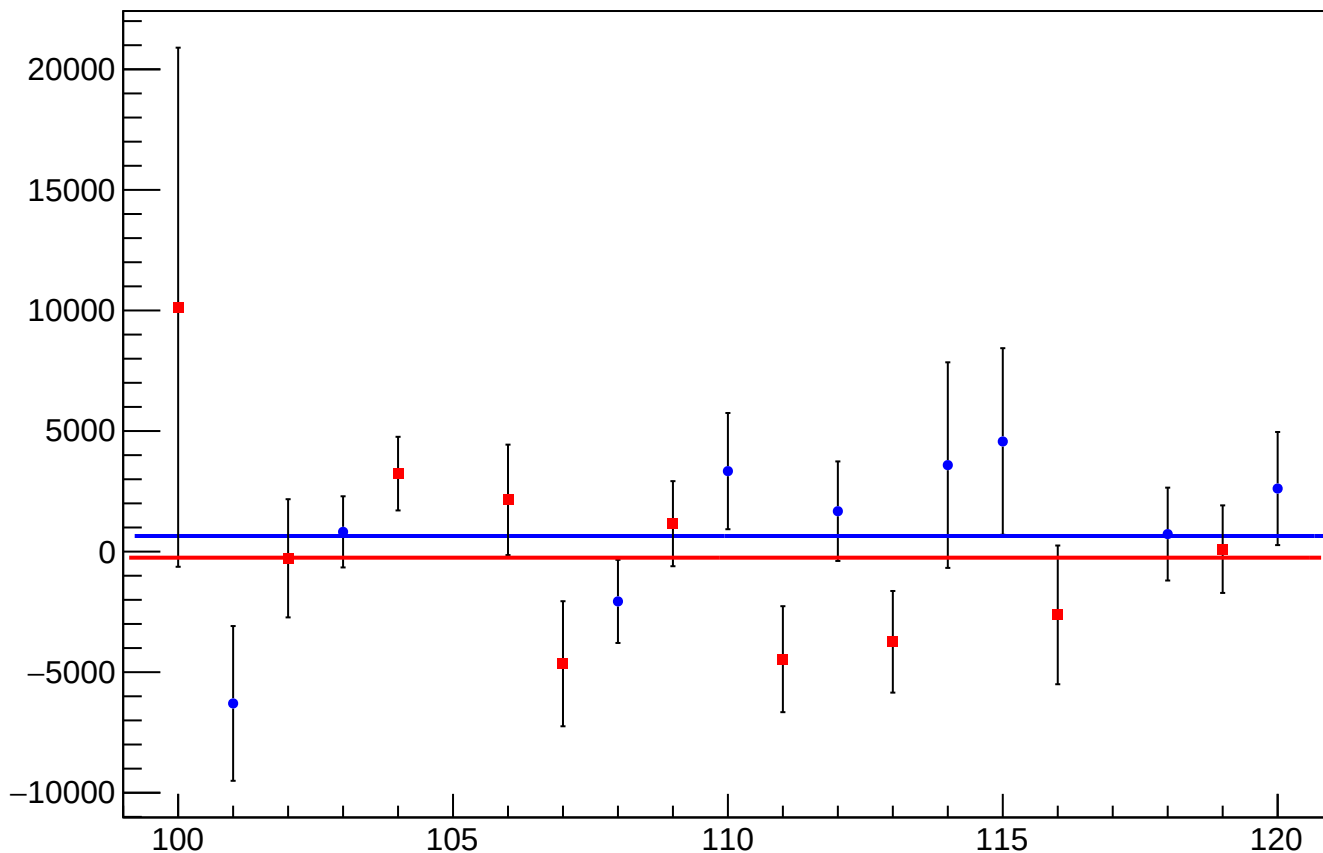
Right: 490.774 $\pm$ 0.154 χ^2 /NDF: 4263787.6/18

In: 606.702 $\pm$ 0.259 χ^2 /NDF:1844022.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 490.774 $\pm$ 0.154 χ^2 /NDF: 4263787.6/18

cor_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 647.346+/-730.667 χ^2/NDF : 10.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -251.527+/-686.549 χ^2/NDF : 17.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

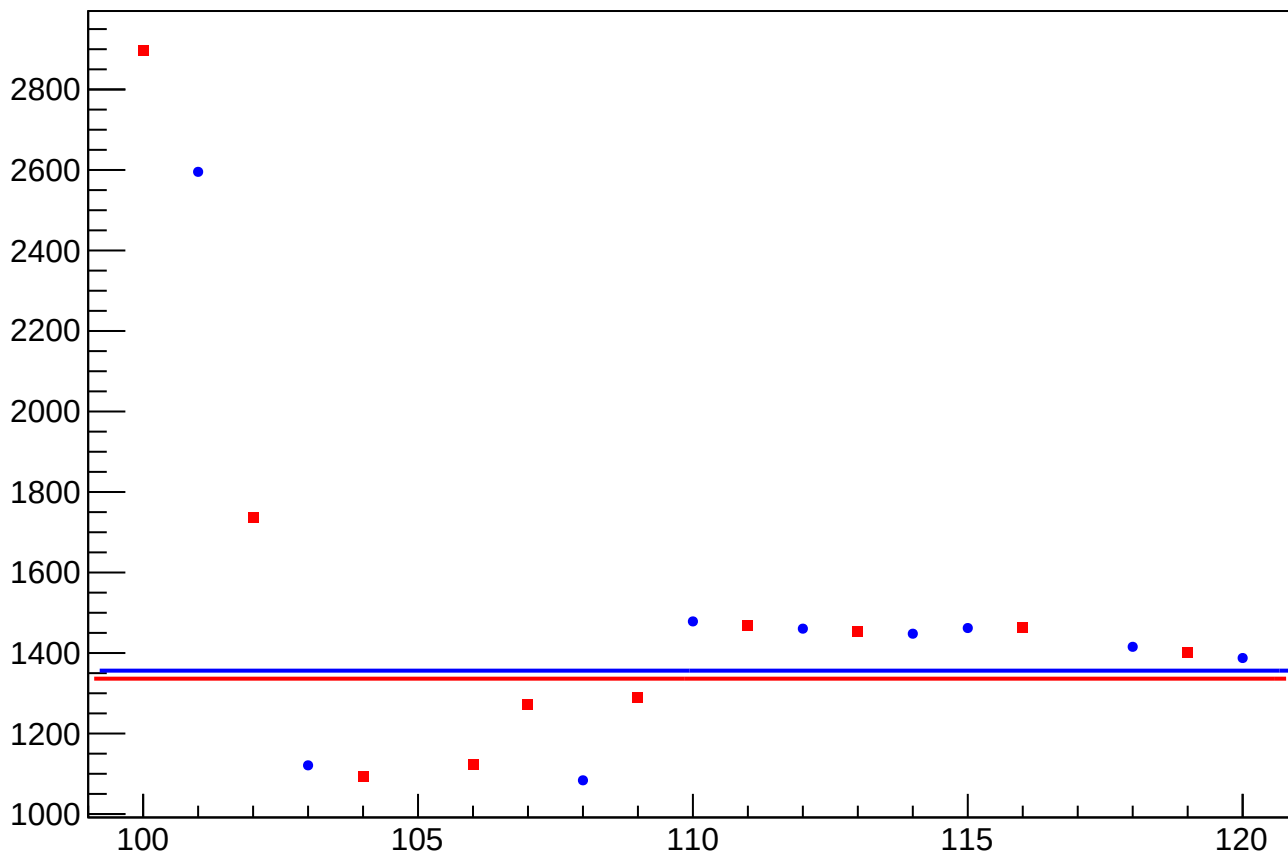
Right: 169.955+/-500.333 χ^2/NDF : 29.6/18

In: 647.346+/-730.667 χ^2/NDF : 10.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.955+/-500.333 χ^2/NDF : 29.6/18

cor_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1356.215+/-0.517 χ^2/NDF : 413986.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1336.284+/-0.485 χ^2/NDF : 185615.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

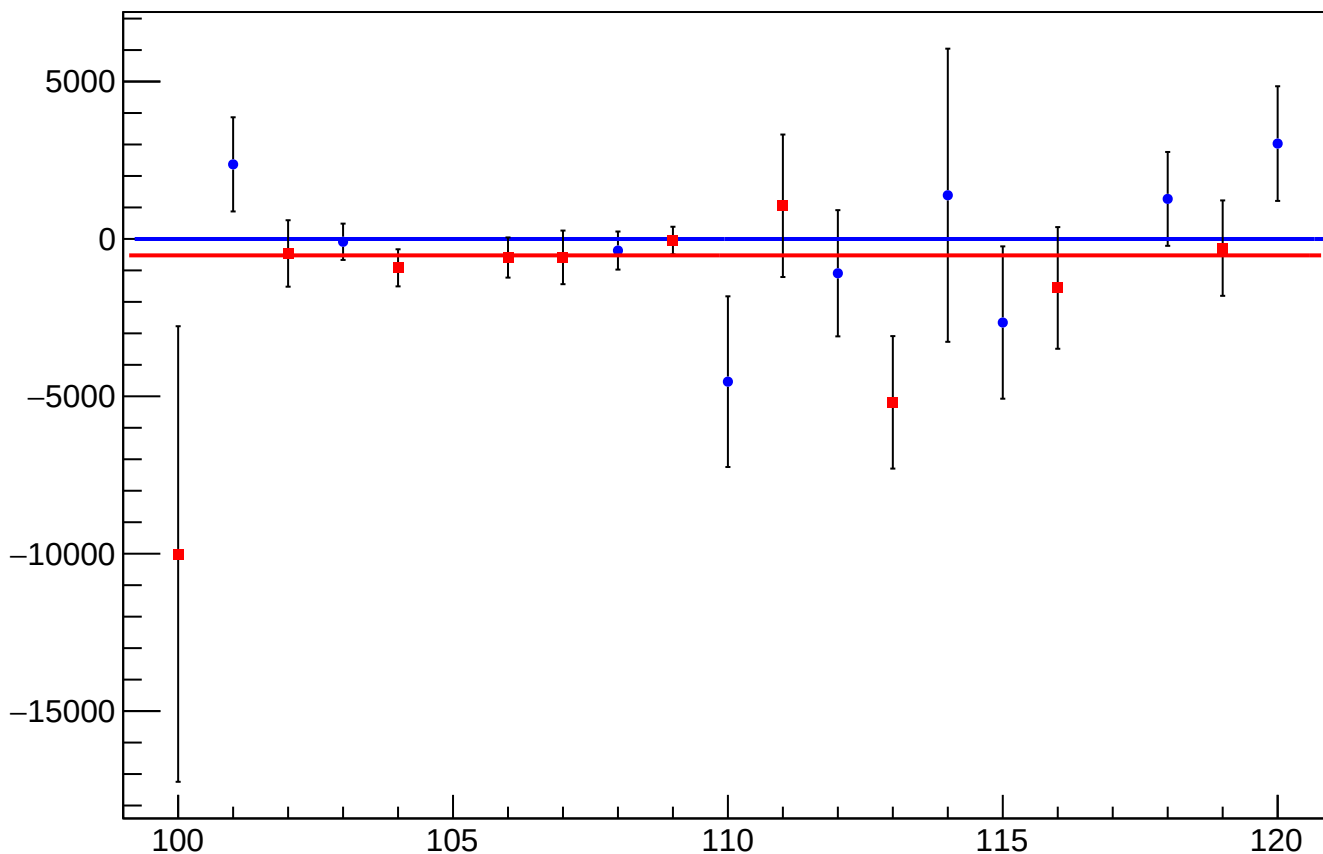
Right: 1345.630+/-0.354 χ^2/NDF : 600391.6/18

In: 1356.215+/-0.517 χ^2/NDF : 413986.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1345.630+/-0.354 χ^2/NDF : 600391.6/18

asym_us_dd_at2lr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -2.348+/-364.194 χ^2/NDF : 10.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -522.586+/-267.719 χ^2/NDF : 9.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

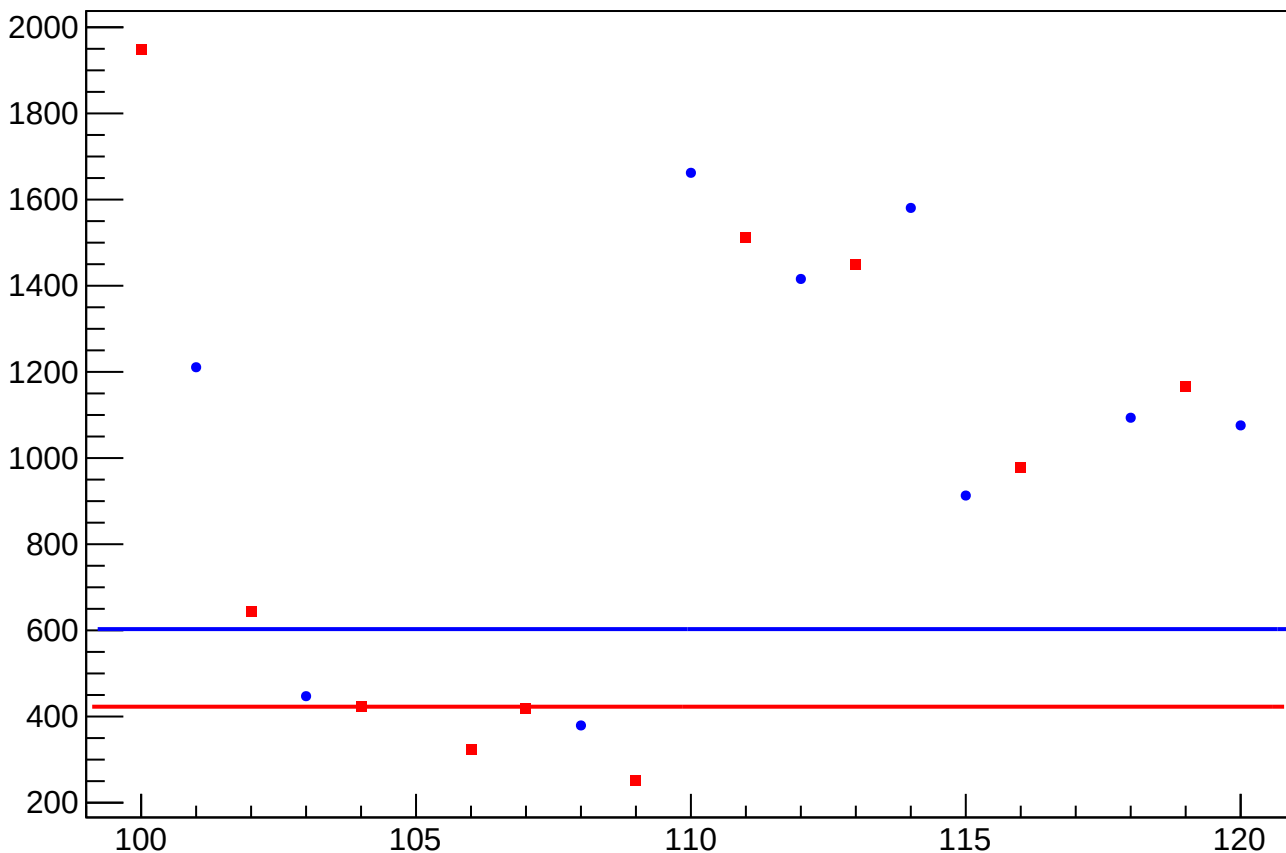
Right: -340.083+/-215.708 χ^2/NDF : 21.2/18

In: -2.348+/-364.194 χ^2/NDF : 10.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -340.083+/-215.708 χ^2/NDF : 21.2/18

asym_us_dd_at2lr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 602.934+/-0.258 χ^2/NDF : 1855731.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 422.834+/-0.189 χ^2/NDF : 2117269.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

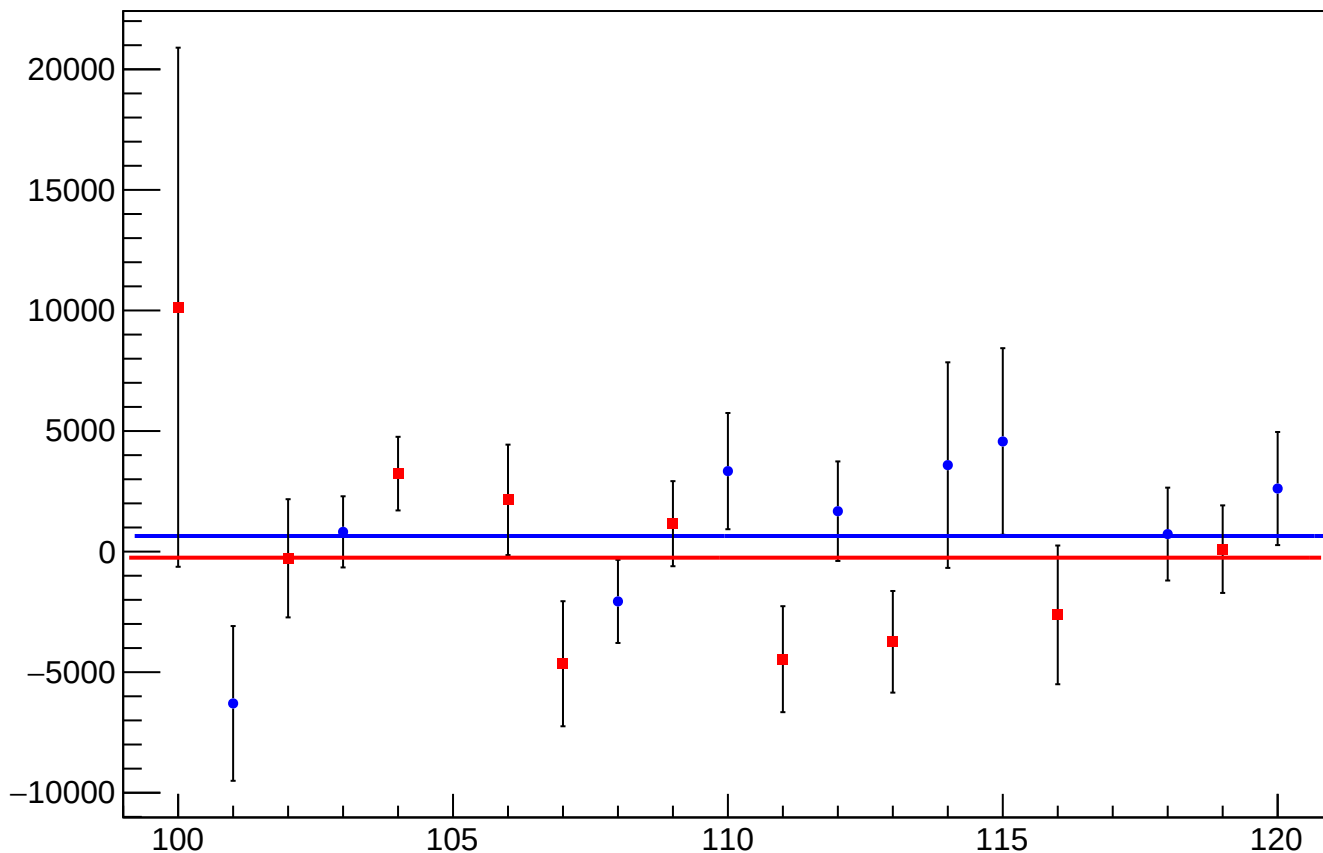
Right: 486.014+/-0.153 χ^2/NDF : 4290517.4/18

In: 602.934+/-0.258 χ^2/NDF : 1855731.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 486.014+/-0.153 χ^2/NDF : 4290517.4/18

eigen_cor_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 647.346+/-730.667 χ^2/NDF : 10.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -251.527+/-686.549 χ^2/NDF : 17.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

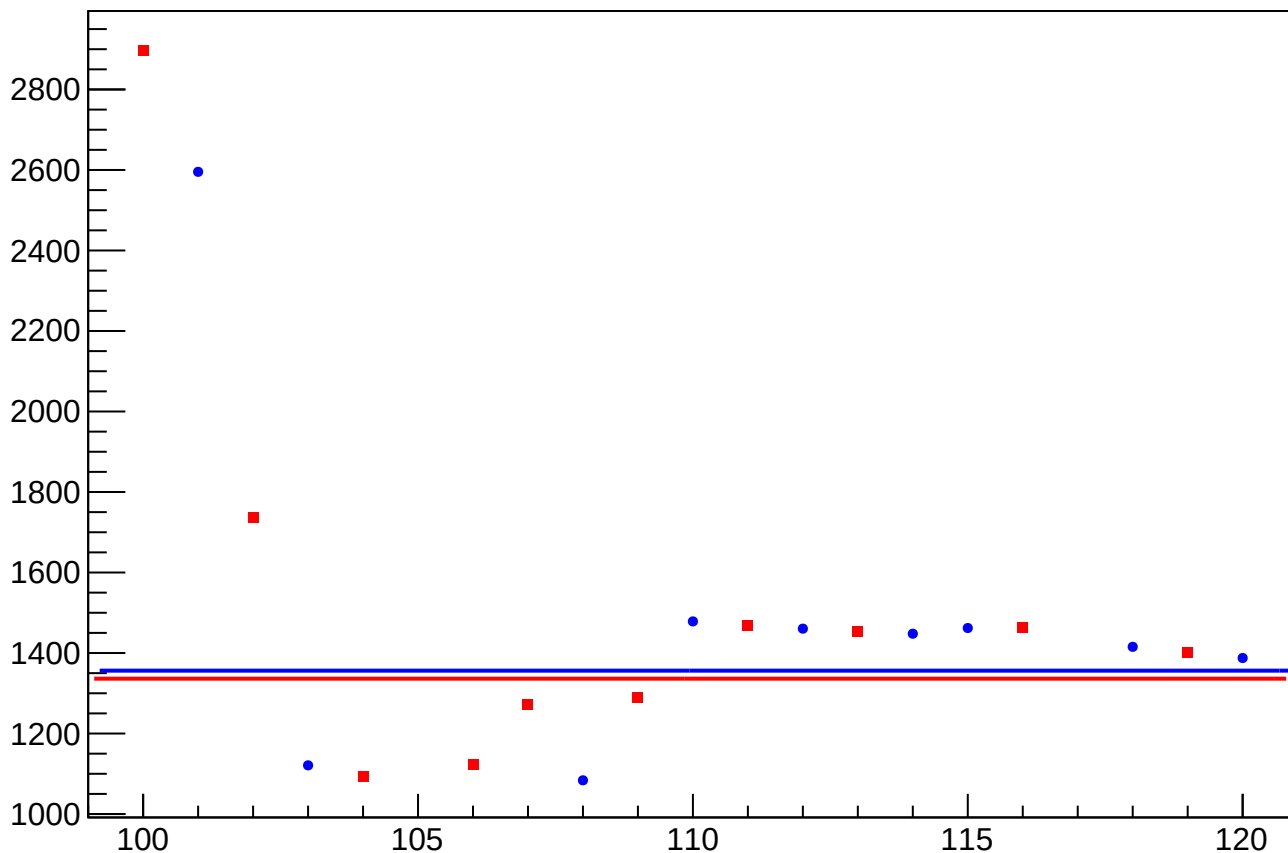
Right: 169.955+/-500.333 χ^2/NDF : 29.6/18

In: 647.346+/-730.667 χ^2/NDF : 10.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.955+/-500.333 χ^2/NDF : 29.6/18

eigen_cor_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1356.215+/-0.517 χ^2/NDF : 413986.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1336.284+/-0.485 χ^2/NDF : 185615.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

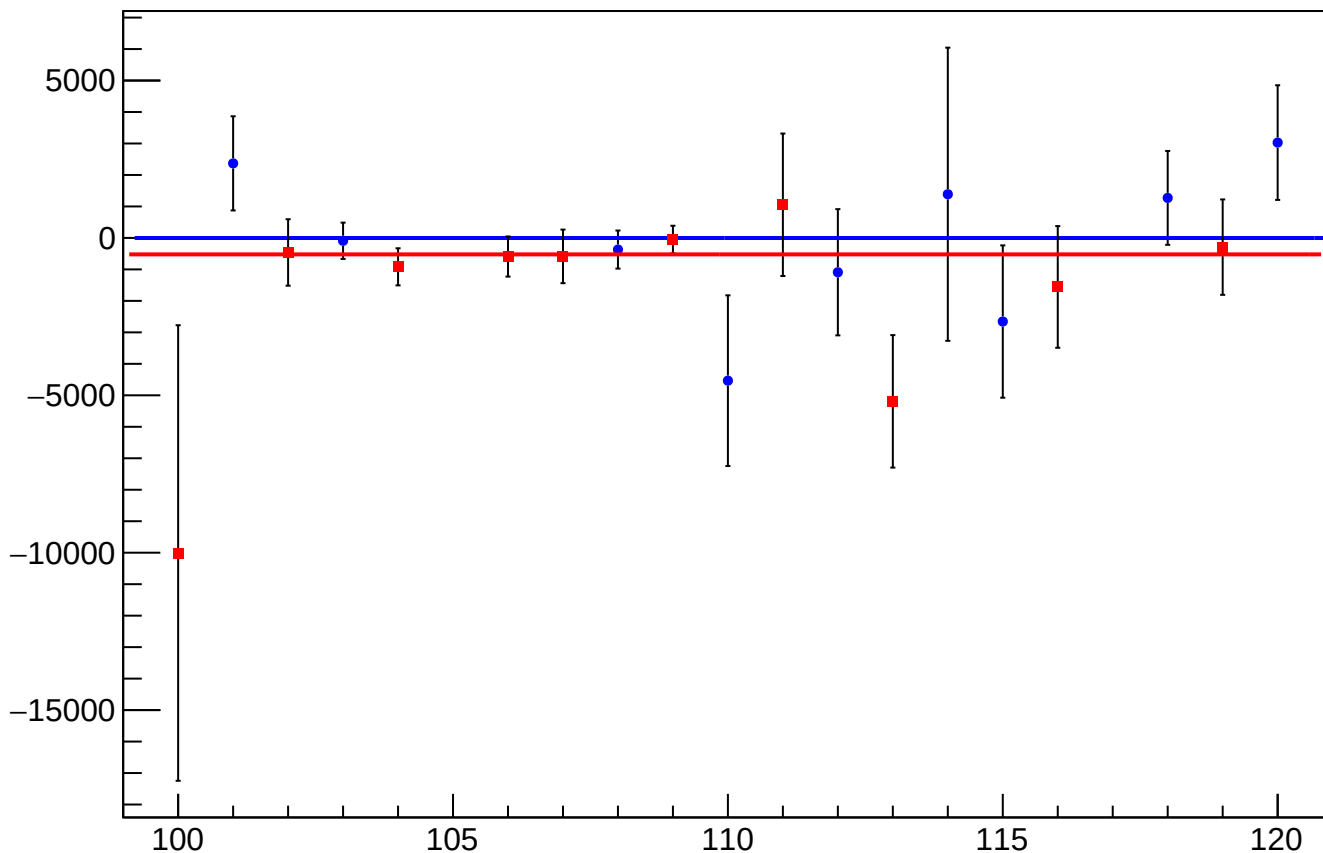
Right: 1345.630+/-0.354 χ^2/NDF : 600391.6/18

In: 1356.215+/-0.517 χ^2/NDF : 413986.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1345.630+/-0.354 χ^2/NDF : 600391.6/18

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -2.348+/-364.194 χ^2/NDF : 10.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -522.586+/-267.719 χ^2/NDF : 9.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

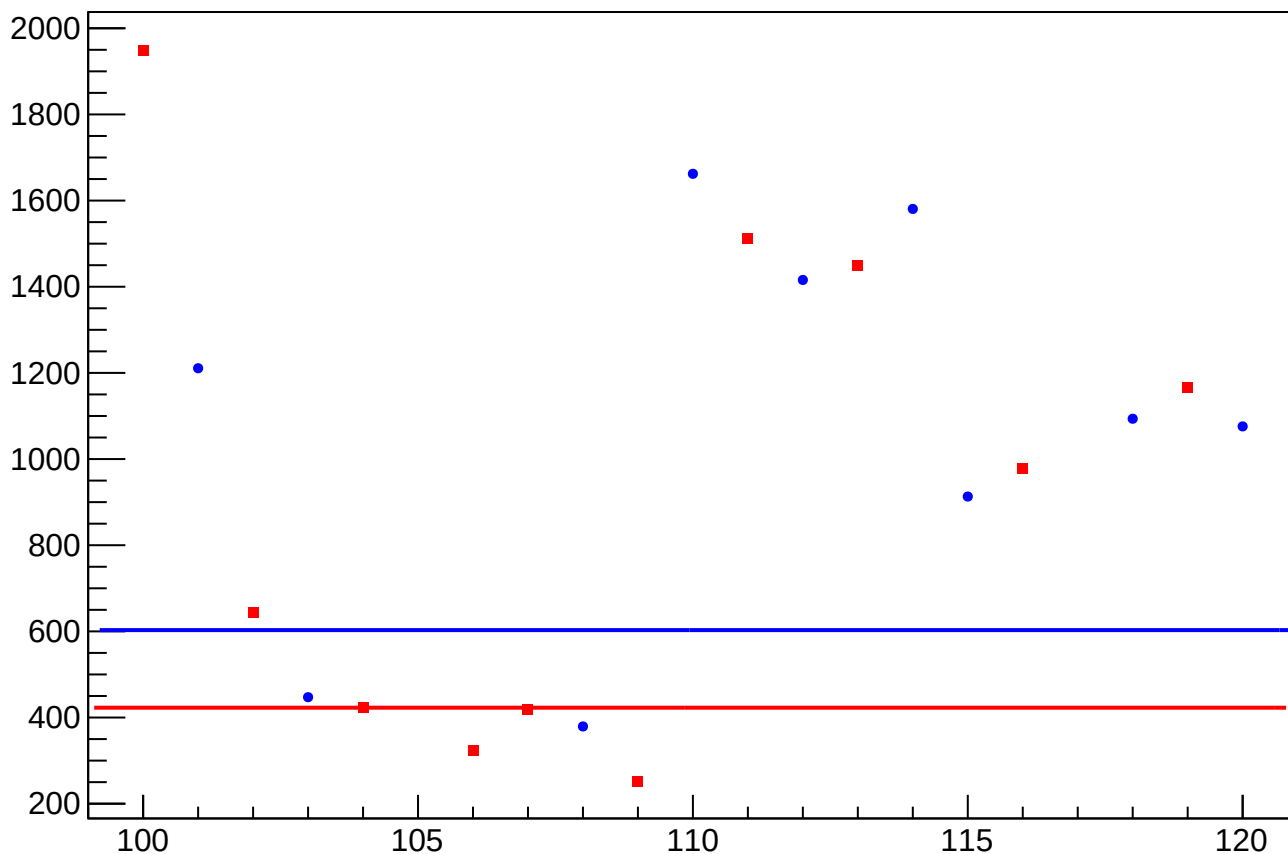
Right: -340.083+/-215.708 χ^2/NDF : 21.2/18

In: -2.348+/-364.194 χ^2/NDF : 10.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -340.083+/-215.708 χ^2/NDF : 21.2/18

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 602.934+/-0.258 χ^2/NDF : 1855731.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 422.834+/-0.189 χ^2/NDF : 2117269.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

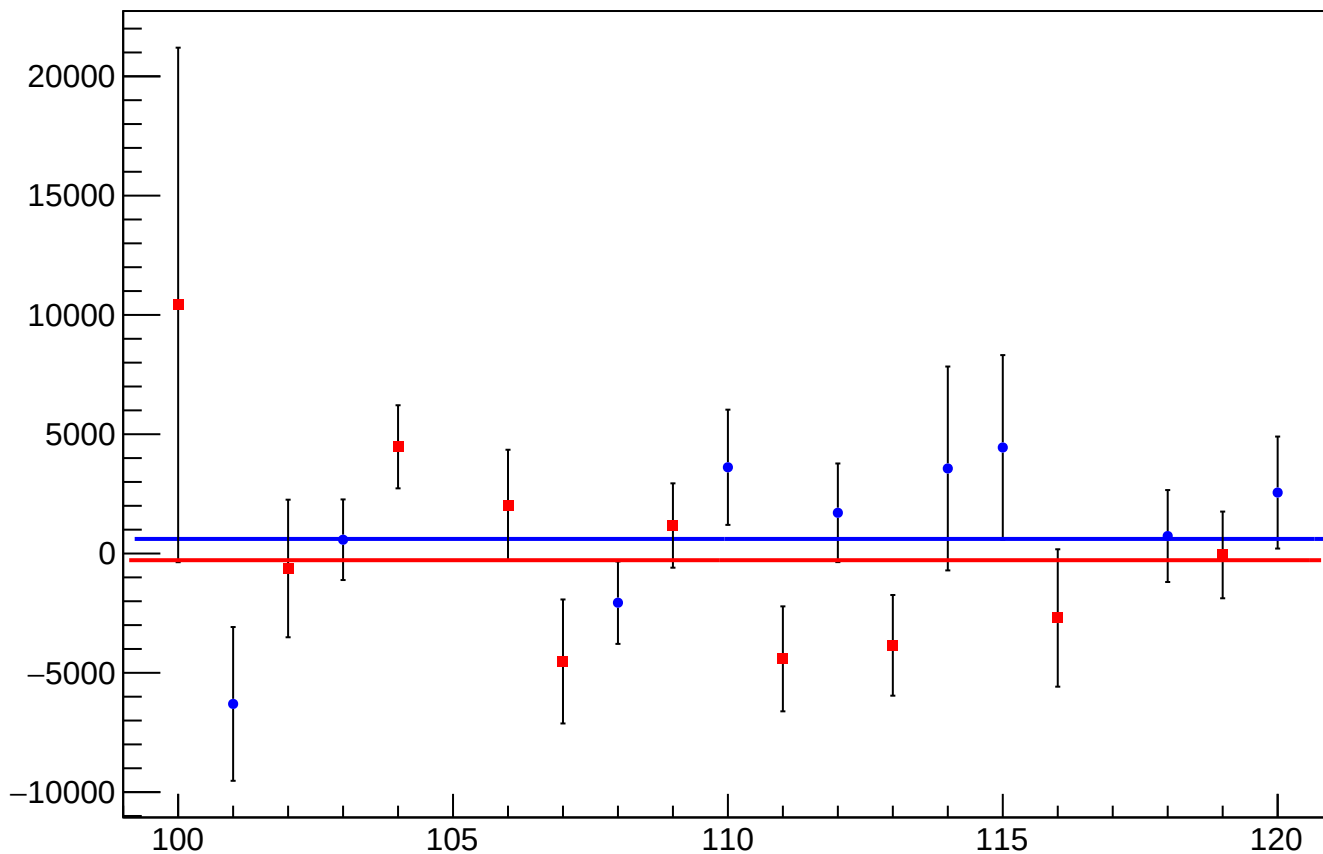
Right: 486.014+/-0.153 χ^2/NDF : 4290517.4/18

In: 602.934+/-0.258 χ^2/NDF : 1855731.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 486.014+/-0.153 χ^2/NDF : 4290517.4/18

dit_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 611.613+/-753.673 χ^2 /NDF: 11.0/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -279.754+/-713.053 χ^2 /NDF: 19.9/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

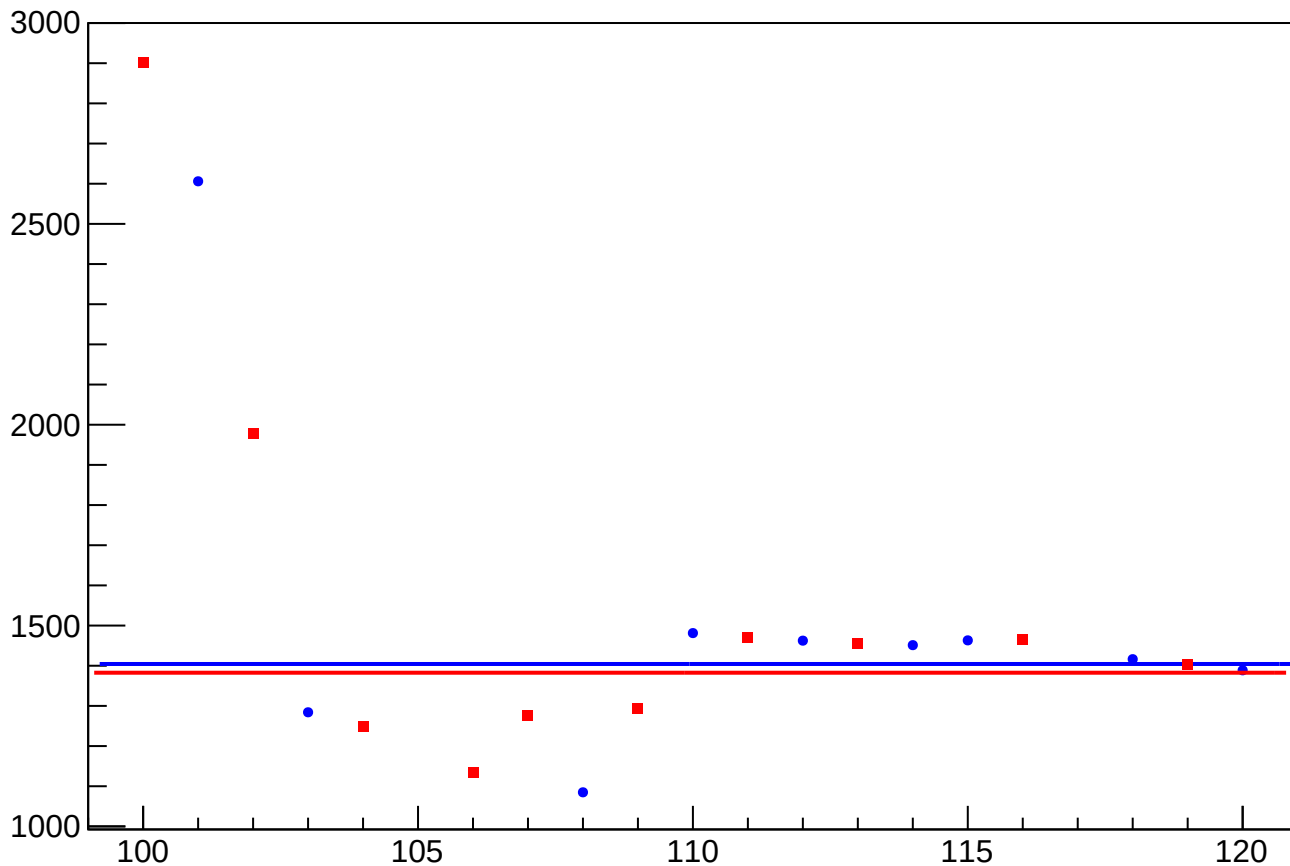
Right: 141.262+/-517.969 χ^2 /NDF: 31.6/18

In: 611.613+/-753.673 χ^2 /NDF:11.0/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 141.262+/-517.969 χ^2 /NDF: 31.6/18

dit_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1404.345+/-0.533 χ^2/NDF : 361245.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1382.615+/-0.504 χ^2/NDF : 175943.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

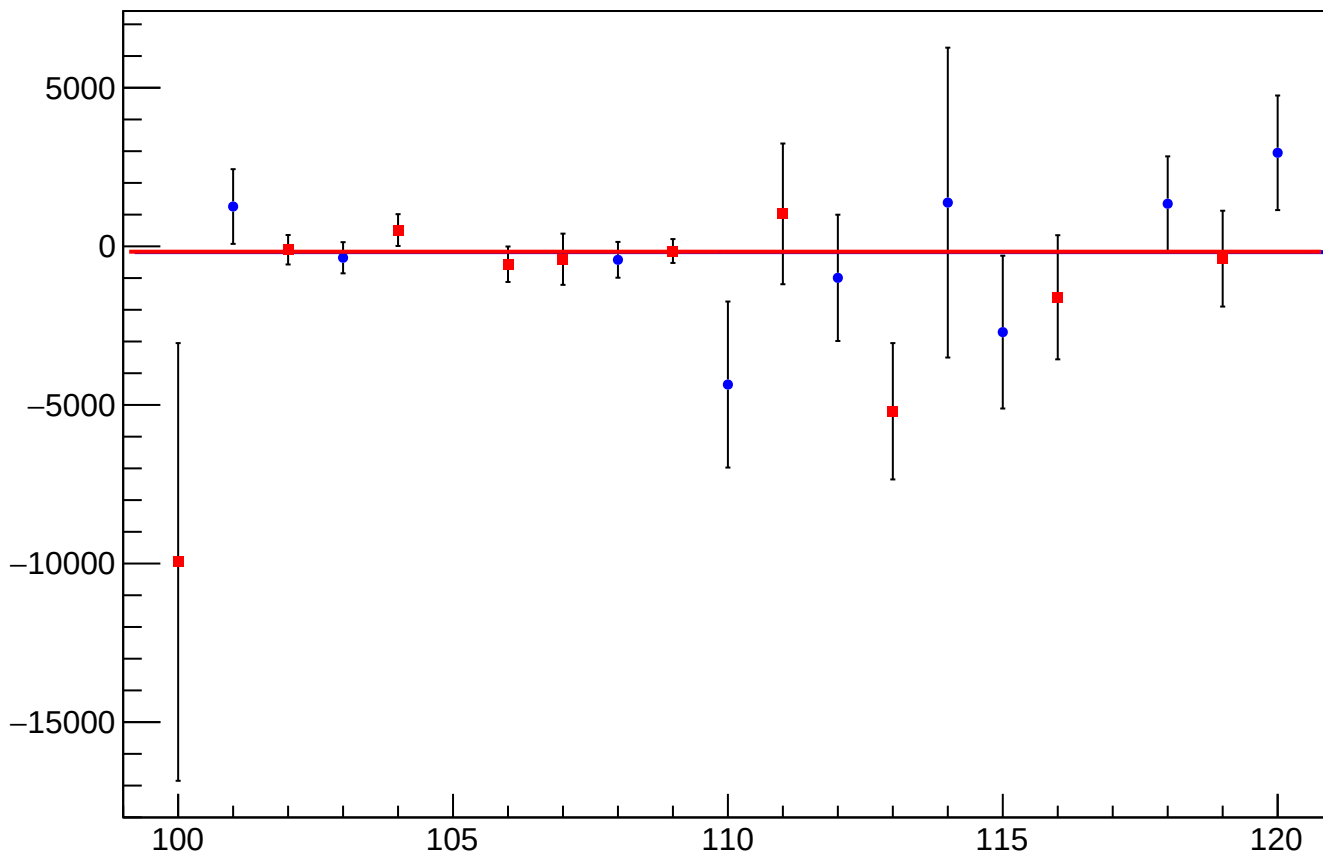
Right: 1392.878+/-0.366 χ^2/NDF : 538065.8/18

In: 1404.345+/-0.533 χ^2/NDF : 361245.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1392.878+/-0.366 χ^2/NDF : 538065.8/18

asym_us_dd_at2lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -182.066+/-326.683 χ^2/NDF : 9.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -168.839+/-215.409 χ^2/NDF : 10.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

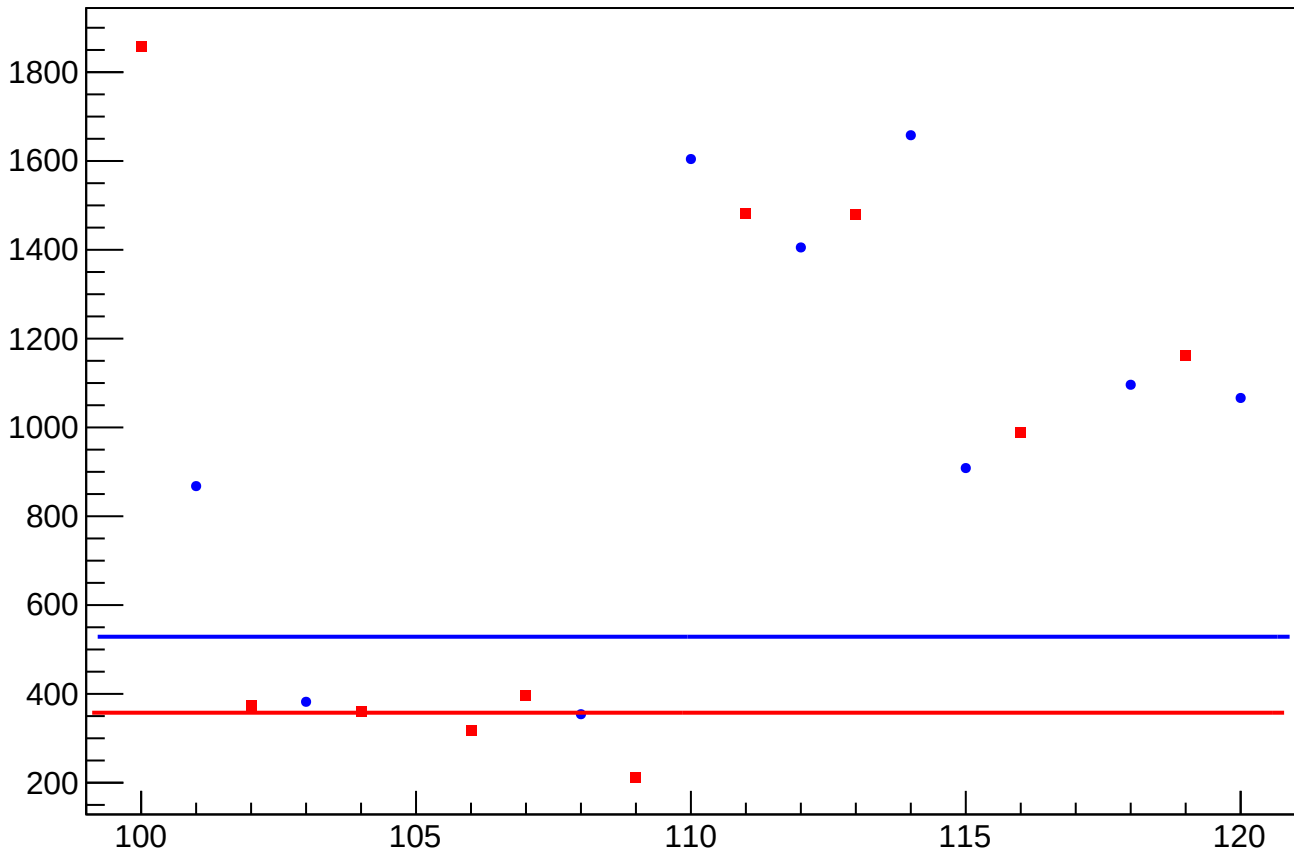
Right: -172.848+/-179.833 χ^2/NDF : 20.6/18

In: -182.066+/-326.683 χ^2/NDF : 9.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -172.848+/-179.833 χ^2/NDF : 20.6/18

asym_us_dd_at2lr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 528.721+/-0.231 χ^2/NDF : 1882883.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 357.613+/-0.152 χ^2/NDF : 2247077.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

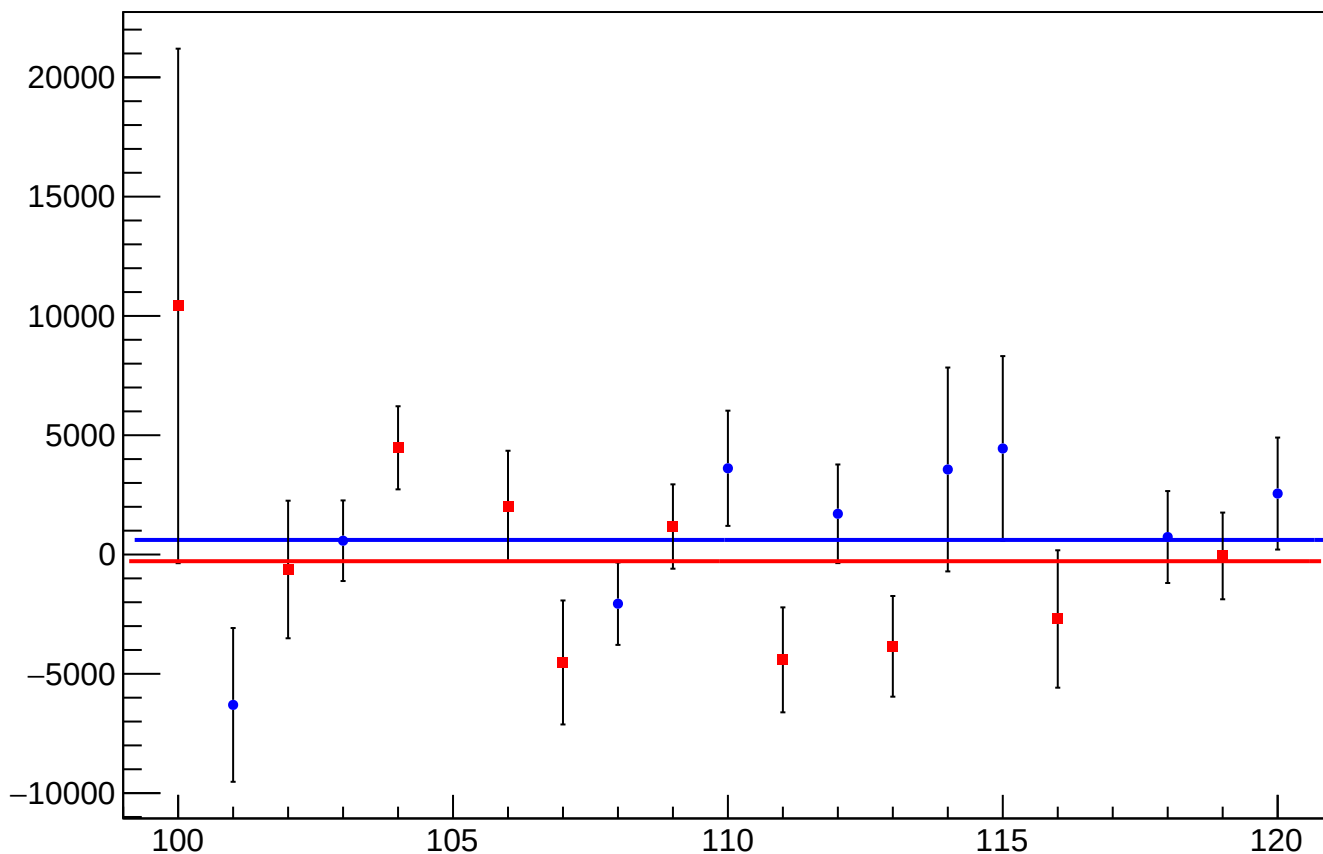
Right: 409.464+/-0.127 χ^2/NDF : 4512371.4/18

In: 528.721+/-0.231 χ^2/NDF : 1882883.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 409.464+/-0.127 χ^2/NDF : 4512371.4/18

eigen_dit_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 611.606+/-753.673 χ^2/NDF : 11.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -279.758+/-713.053 χ^2/NDF : 19.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

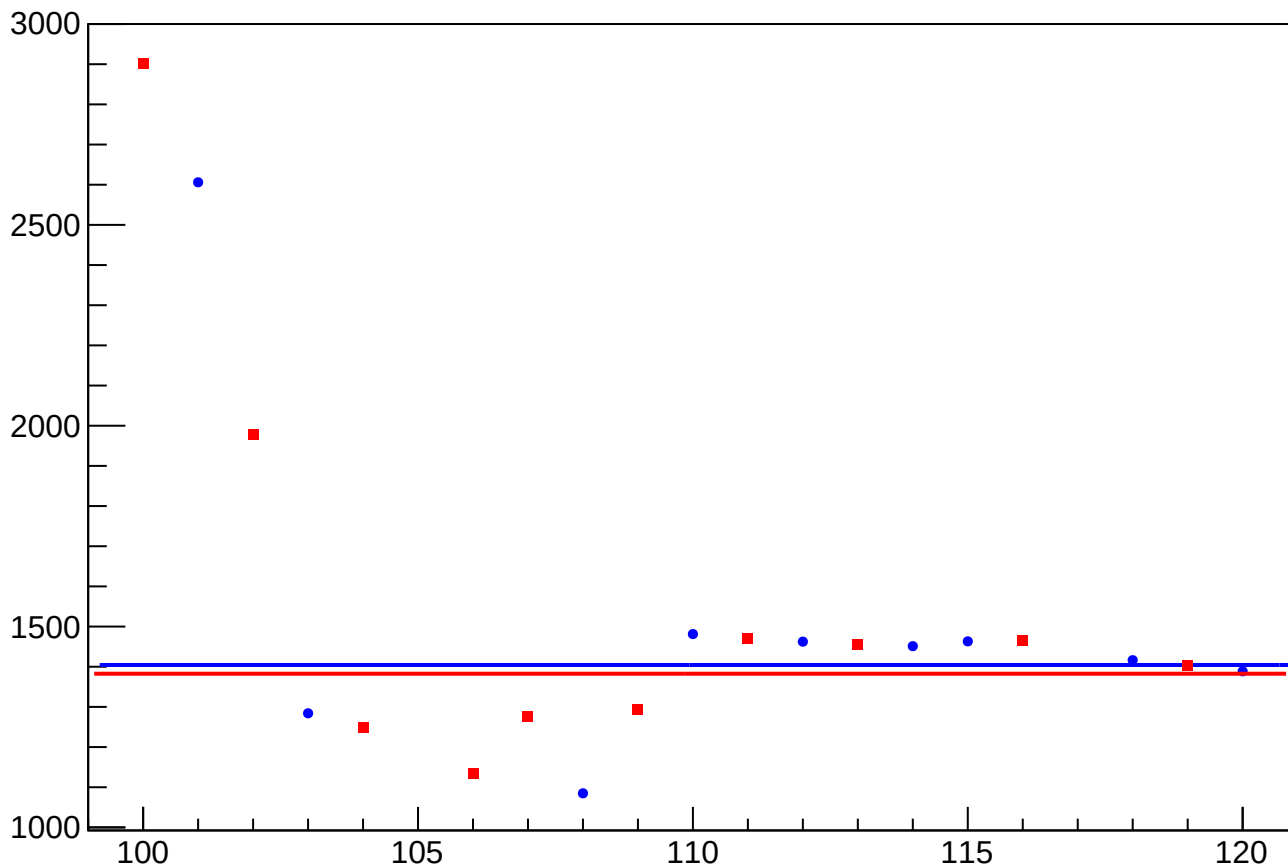
Right: 141.257+/-517.969 χ^2/NDF : 31.6/18

In: 611.606+/-753.673 χ^2/NDF : 11.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.257+/-517.969 χ^2/NDF : 31.6/18

eigen_dit_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1404.345+/-0.533 χ^2/NDF : 361244.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1382.615+/-0.504 χ^2/NDF : 175943.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

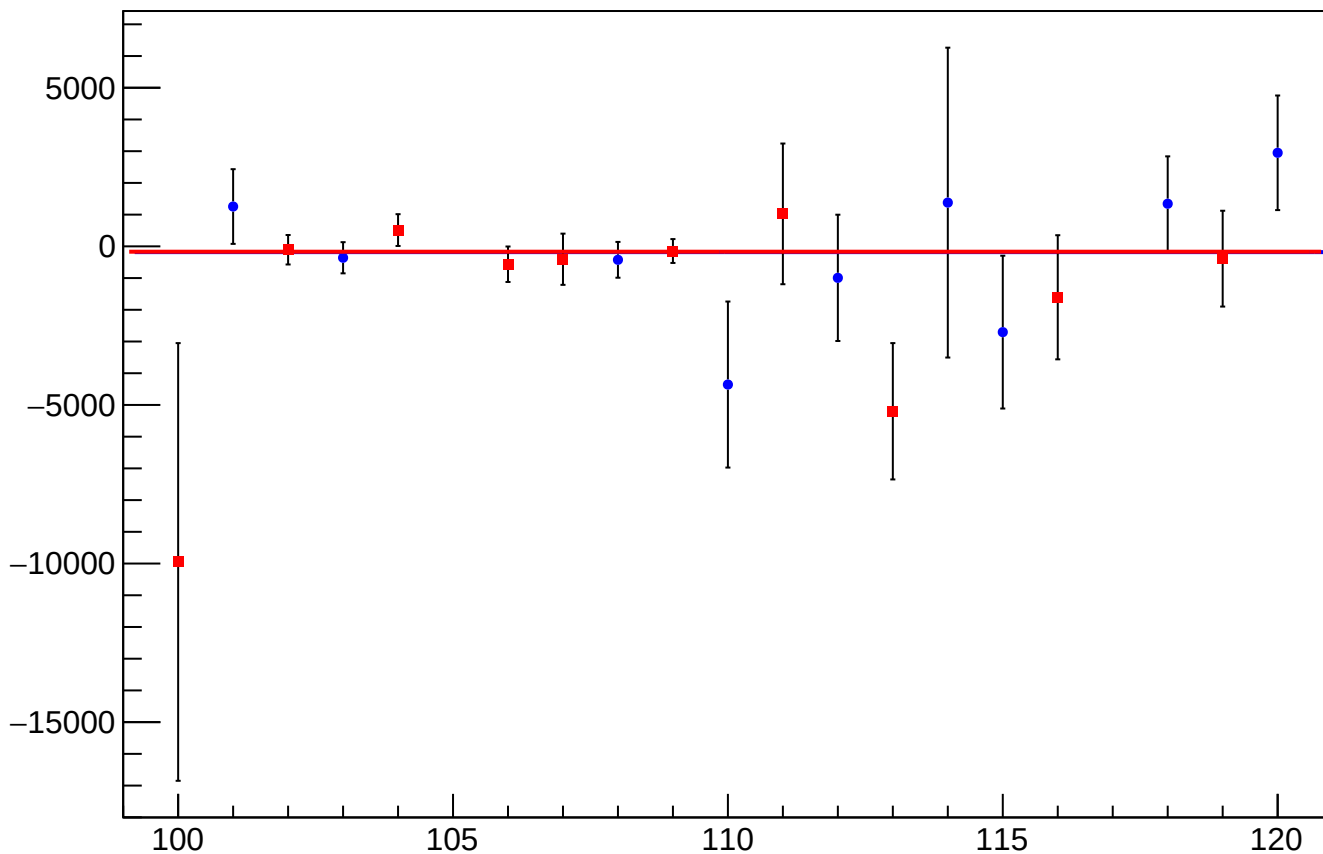
Right: 1392.879+/-0.366 χ^2/NDF : 538065.4/18

In: 1404.345+/-0.533 χ^2/NDF : 361244.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1392.879+/-0.366 χ^2/NDF : 538065.4/18

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -182.077+/-326.679 χ^2/NDF : 9.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -168.834+/-215.410 χ^2/NDF : 10.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

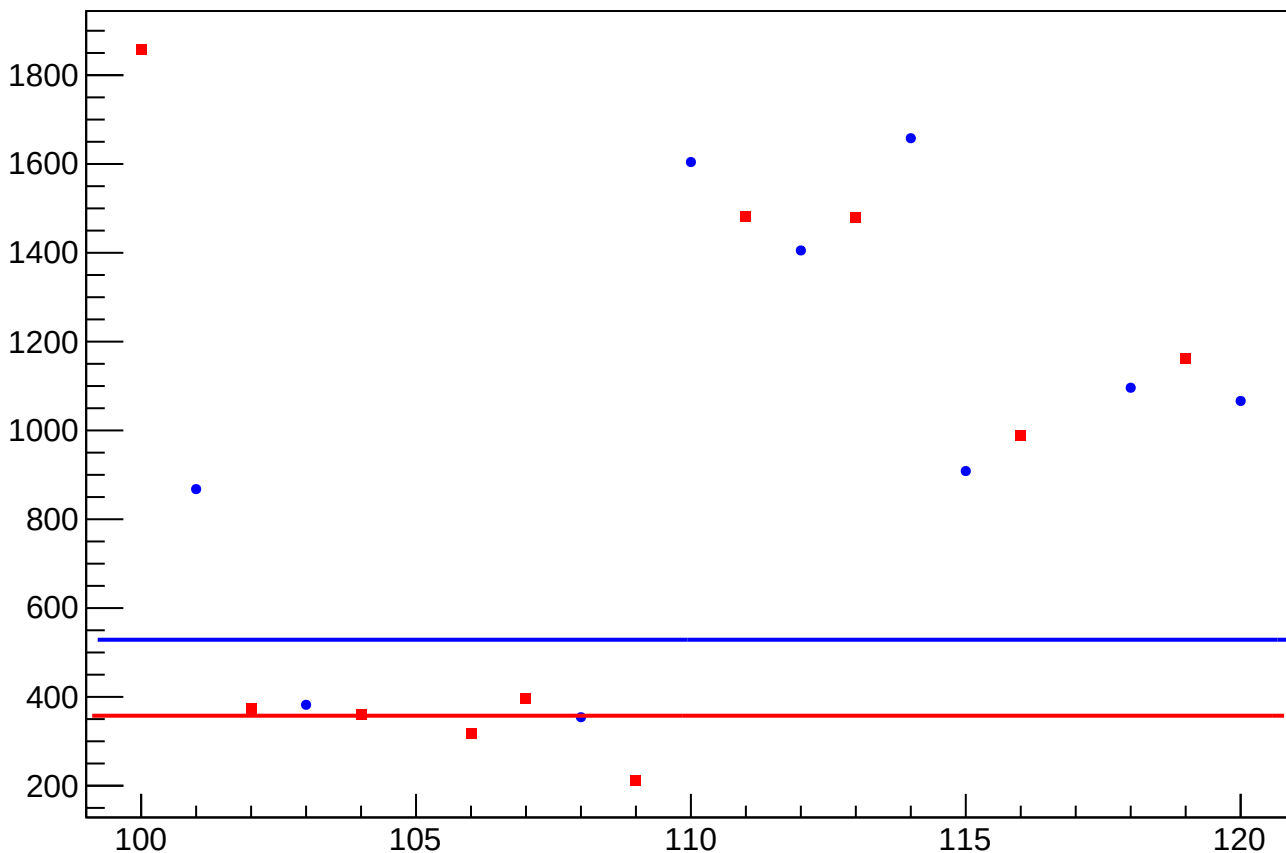
Right: -172.847+/-179.833 χ^2/NDF : 20.6/18

In: -182.077+/-326.679 χ^2/NDF :9.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -172.847+/-179.833 χ^2/NDF : 20.6/18

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 528.712+/-0.231 χ^2/NDF : 1882931.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 357.618+/-0.152 χ^2/NDF : 2247024.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

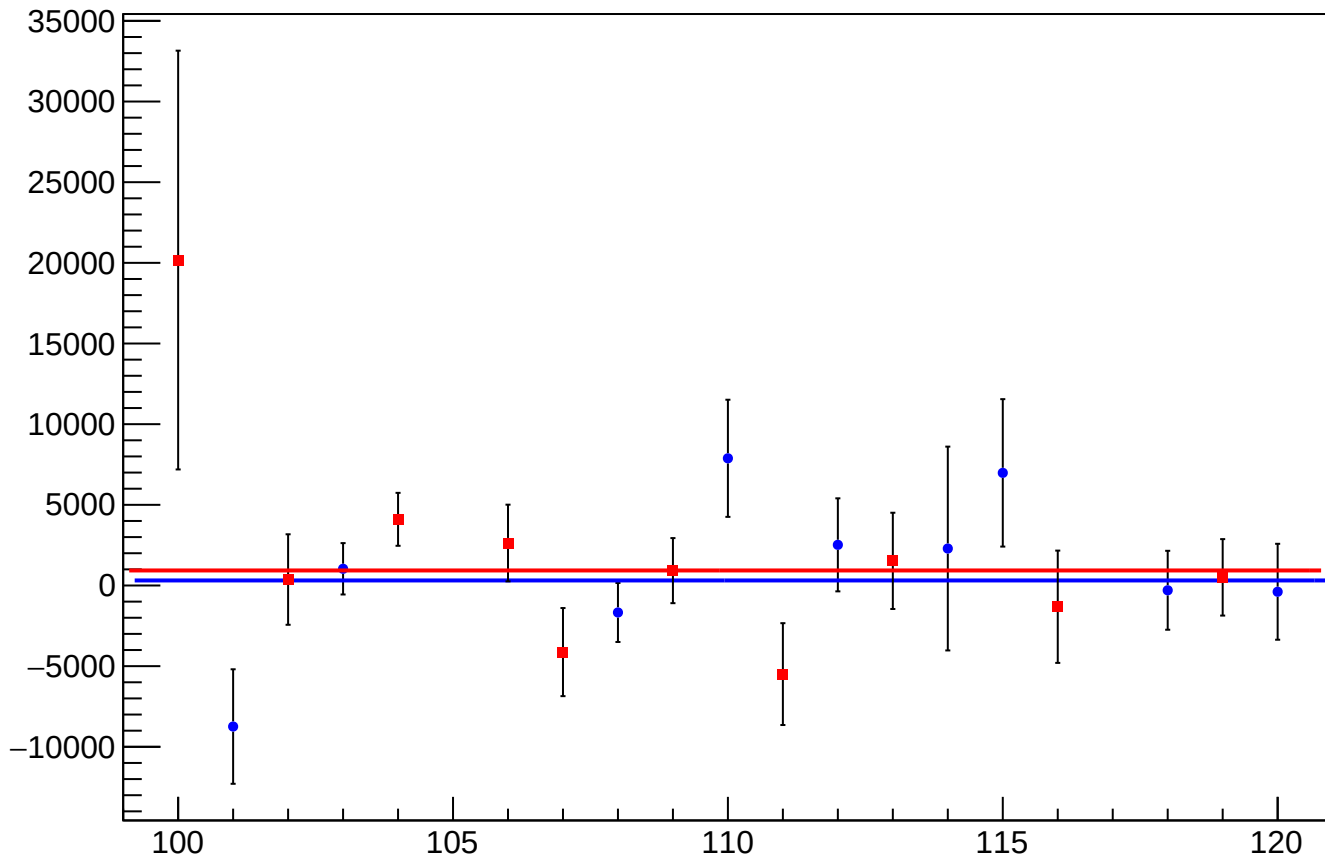
Right: 409.466+/-0.127 χ^2/NDF : 4512311.4/18

In: 528.712+/-0.231 χ^2/NDF : 1882931.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 409.466+/-0.127 χ^2/NDF : 4512311.4/18

asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 312.794+/-869.720 χ^2/NDF : 15.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 932.303+/-807.196 χ^2/NDF : 14.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

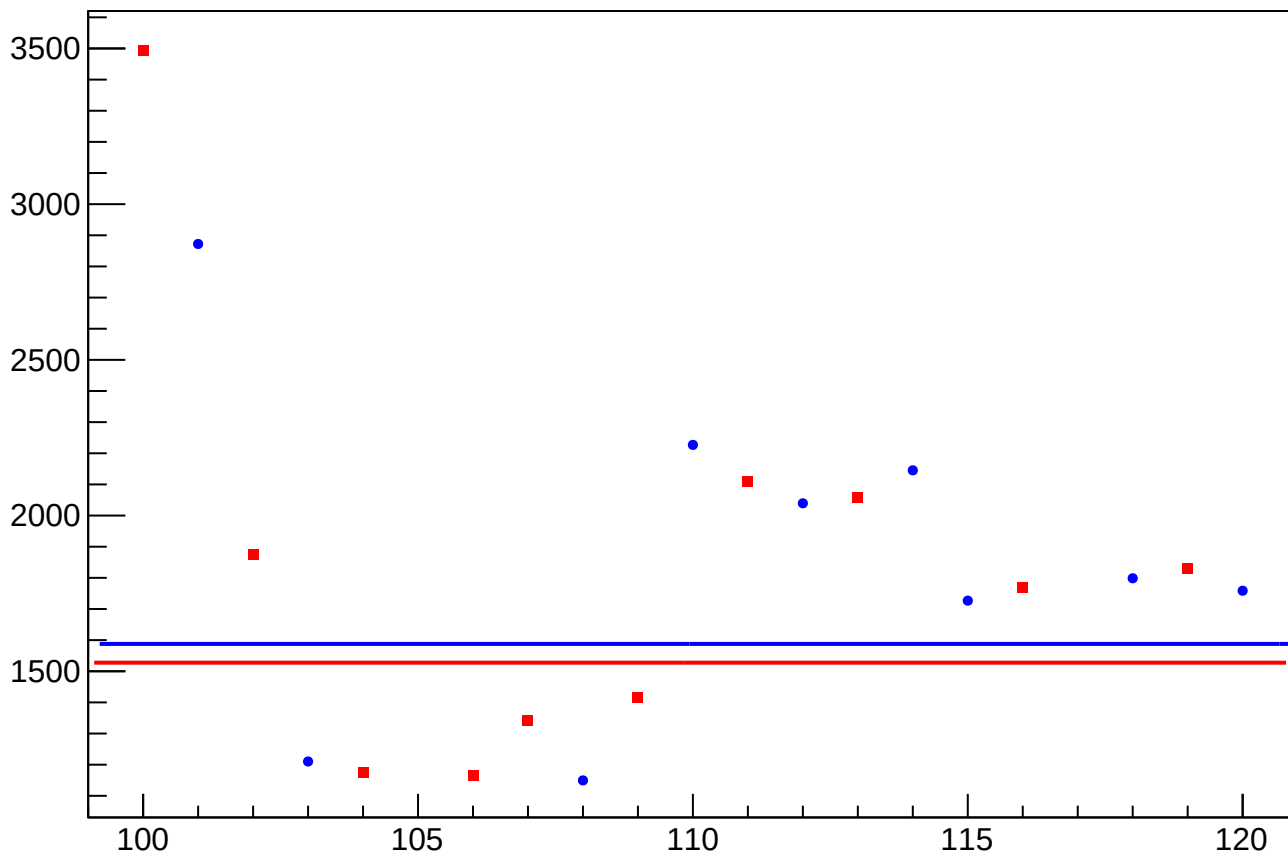
Right: 645.615+/-591.644 χ^2/NDF : 30.0/18

In: 312.794+/-869.720 χ^2/NDF : 15.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 645.615+/-591.644 χ^2/NDF : 30.0/18

asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1587.791+/-0.615 χ^2/NDF : 639067.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1527.605+/-0.571 χ^2/NDF : 403466.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

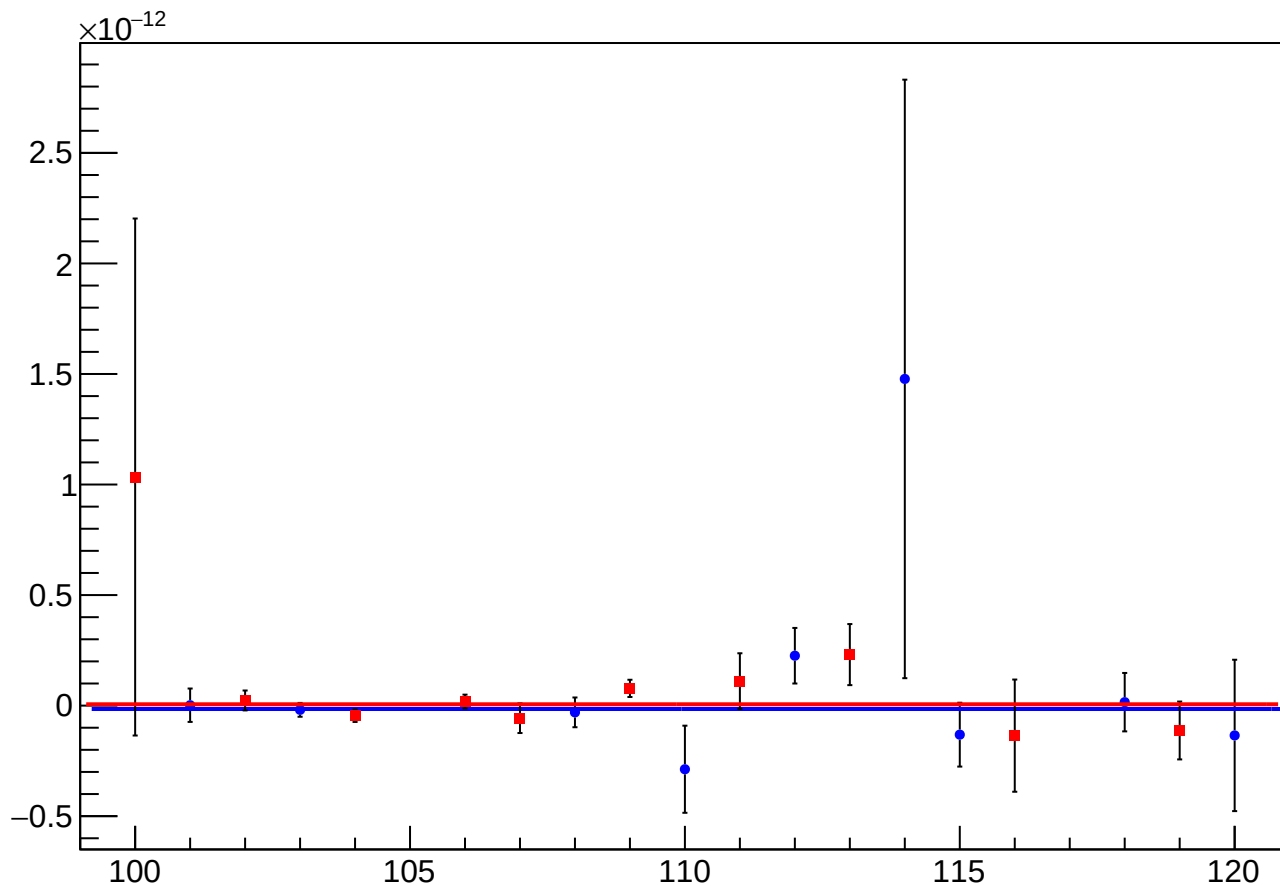
Right: 1555.457+/-0.418 χ^2/NDF : 1047679.2/18

In: 1587.791+/-0.615 χ^2/NDF : 639067.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1555.457+/-0.418 χ^2/NDF : 1047679.2/18

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 7.7/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 13.2/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

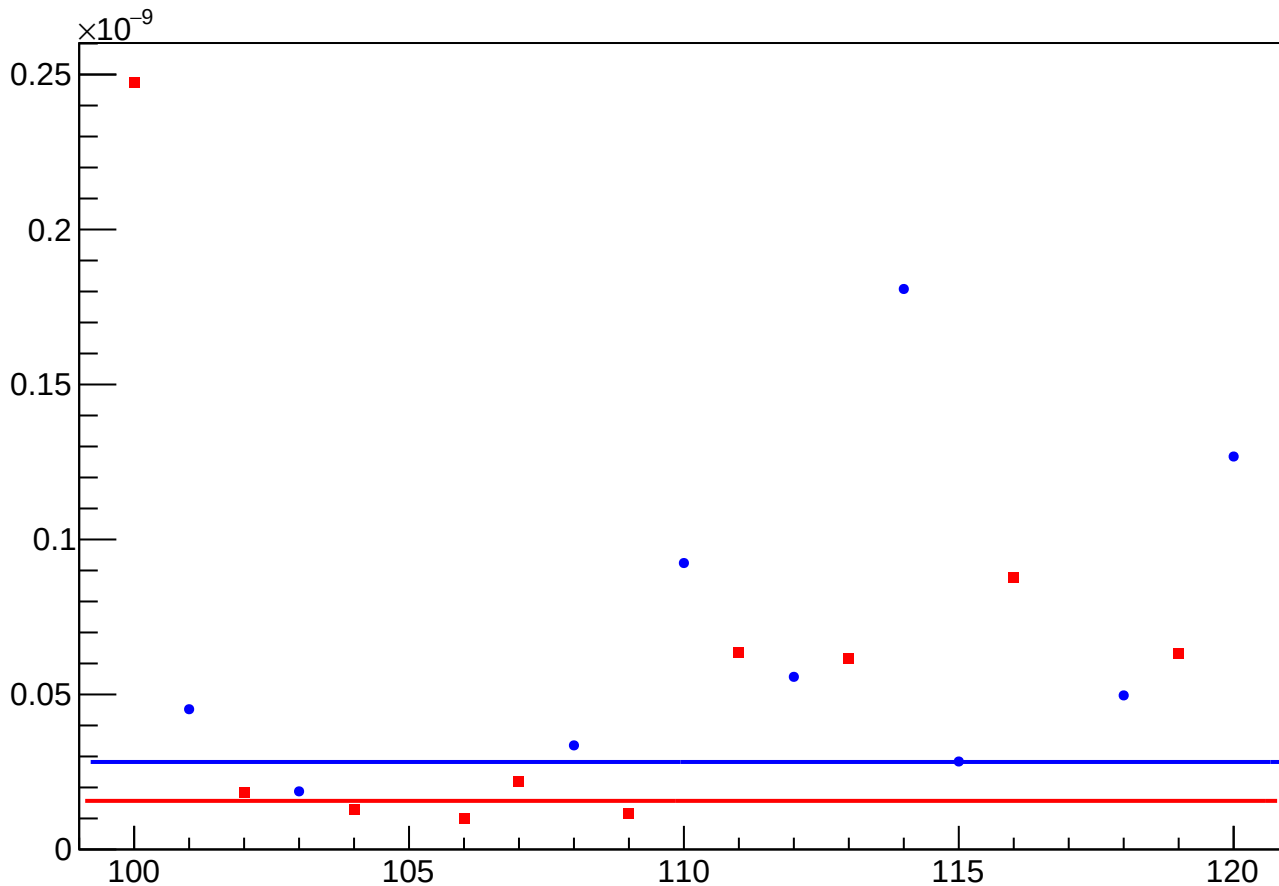
Right: -0.000+/-0.000 χ^2 /NDF: 21.5/18

In: -0.000+/-0.000 χ^2 /NDF:7.7/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 21.5/18

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 850334.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1153683.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

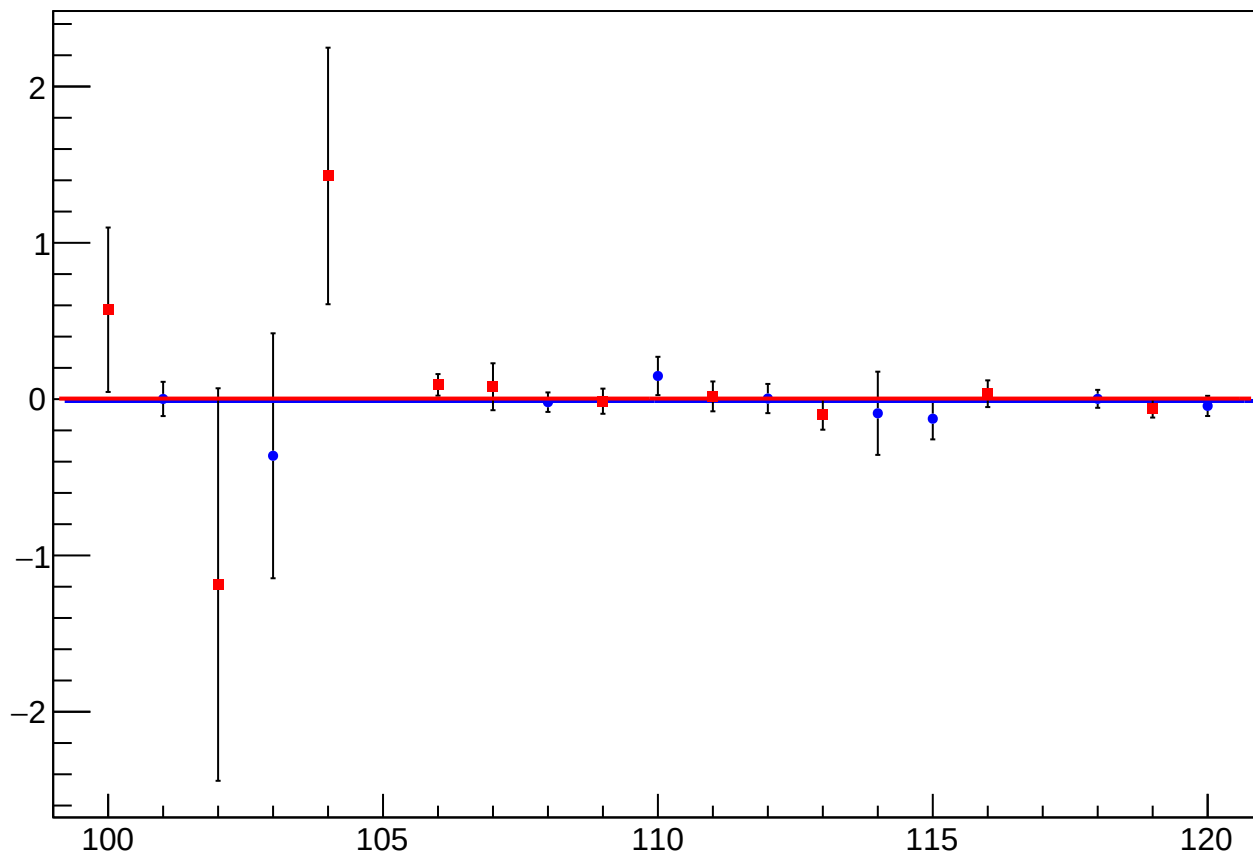
Right: 0.000+/-0.000 χ^2/NDF : 2364565.8/18

In: 0.000+/-0.000 χ^2/NDF : 850334.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2364565.8/18

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.012+/-0.030 χ^2/NDF : 3.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.031 χ^2/NDF : 9.3/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

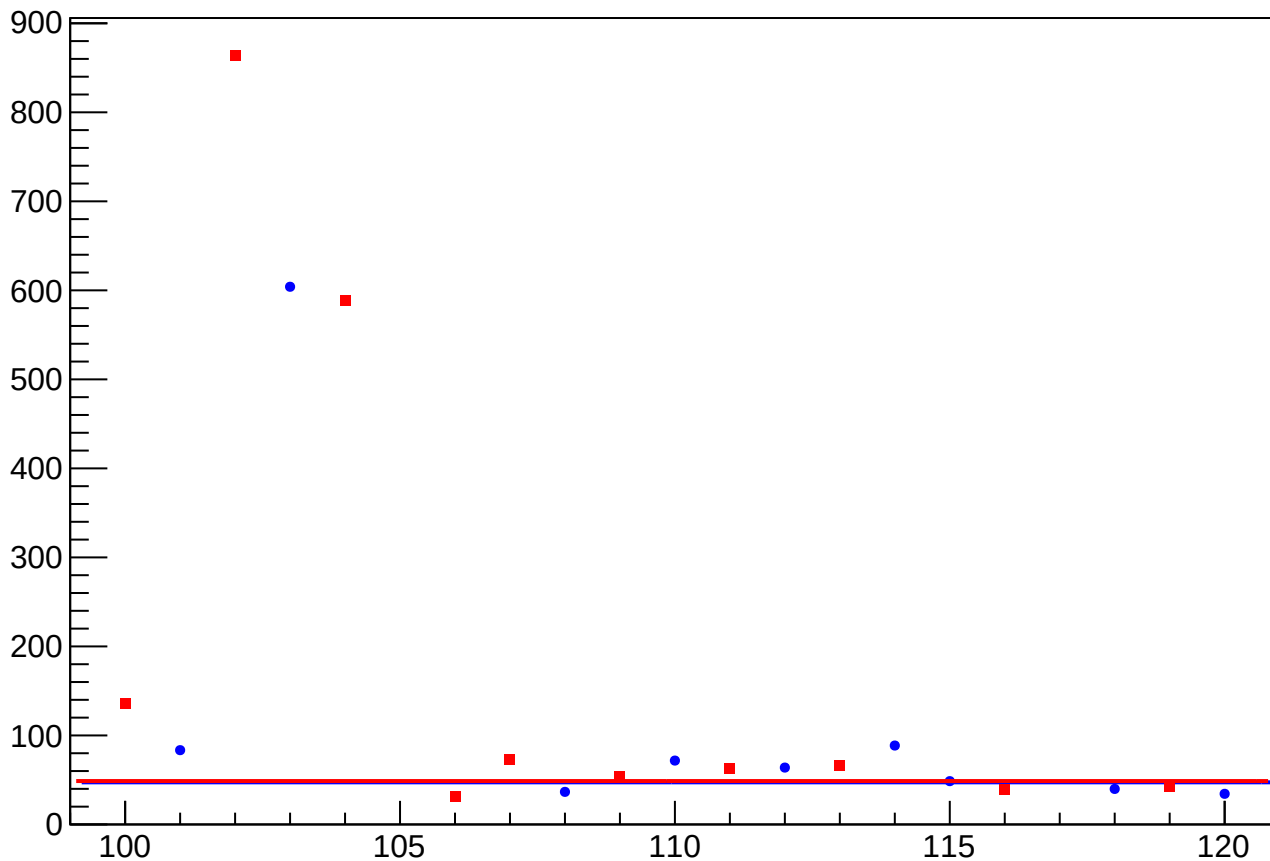
Right: -0.004+/-0.021 χ^2/NDF : 12.5/18

In: -0.012+/-0.030 χ^2/NDF :3.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.004+/-0.021 χ^2/NDF : 12.5/18

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.317+/-0.021 χ^2/NDF : 1590758.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.761+/-0.022 χ^2/NDF : 2101725.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

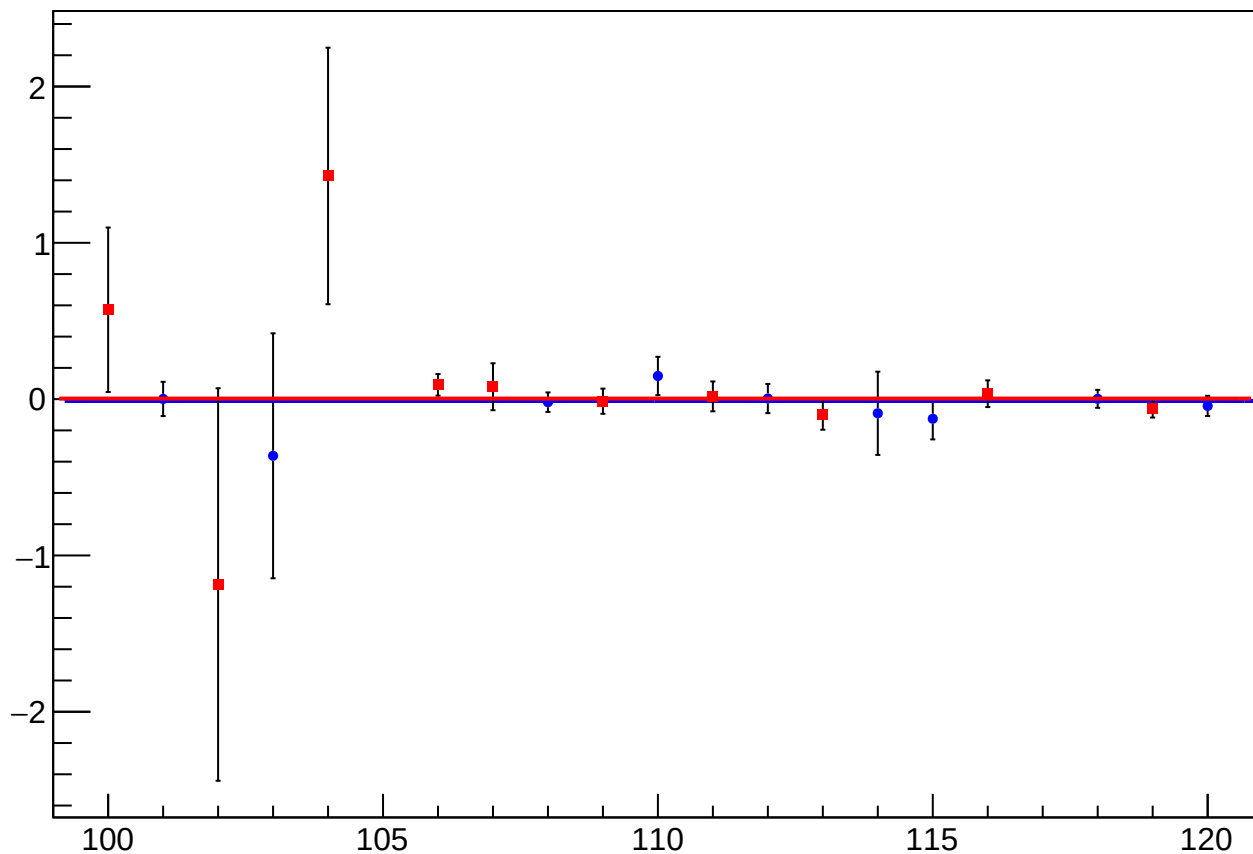
Right: 48.010+/-0.015 χ^2/NDF : 3694760.9/18

In: 47.317+/-0.021 χ^2/NDF : 1590758.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.010+/-0.015 χ^2/NDF : 3694760.9/18

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.030 χ^2 /NDF: 3.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.031 χ^2 /NDF: 9.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

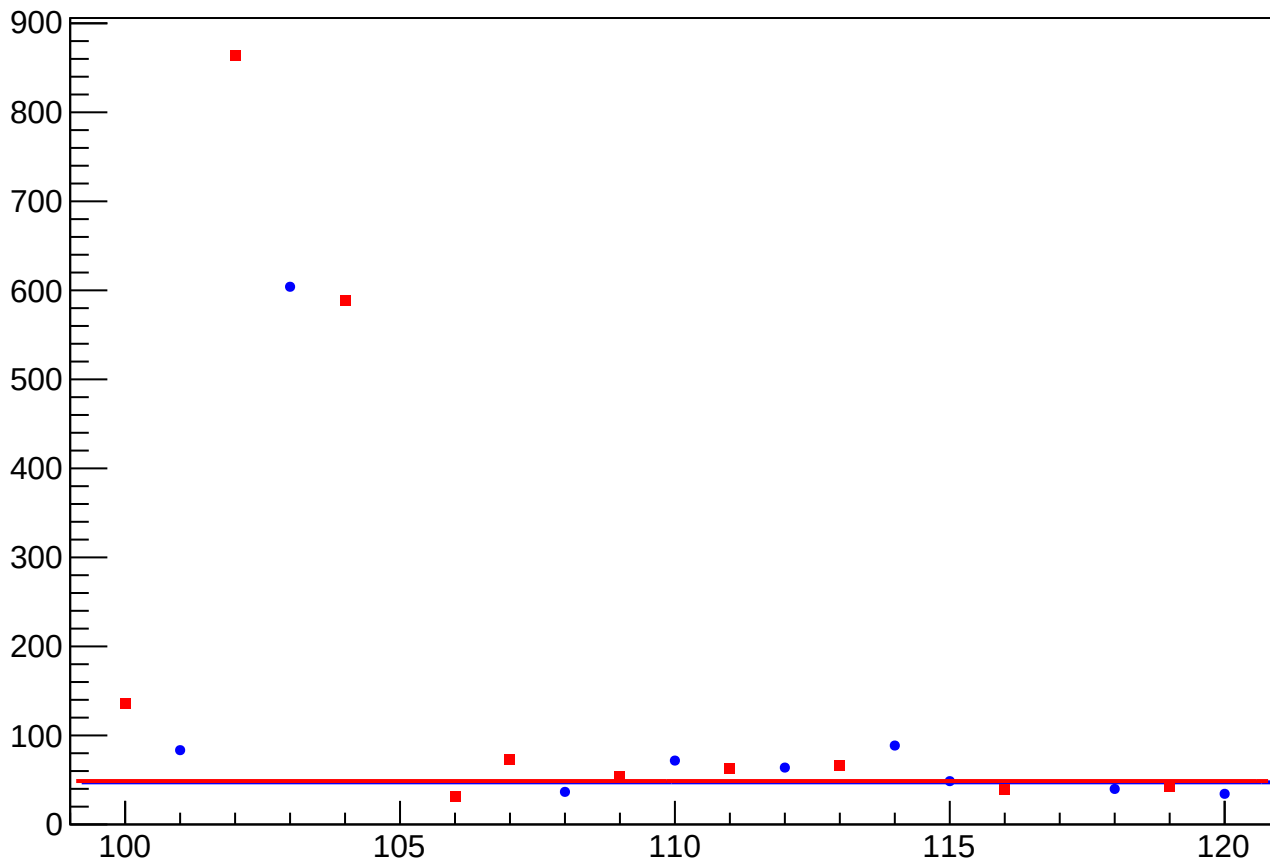
Right: -0.004 $\pm$ 0.021 χ^2 /NDF: 12.5/18

In: -0.012 $\pm$ 0.030 χ^2 /NDF:3.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.021 χ^2 /NDF: 12.5/18

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.317+/-0.021 χ^2/NDF : 1590758.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.761+/-0.022 χ^2/NDF : 2101725.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

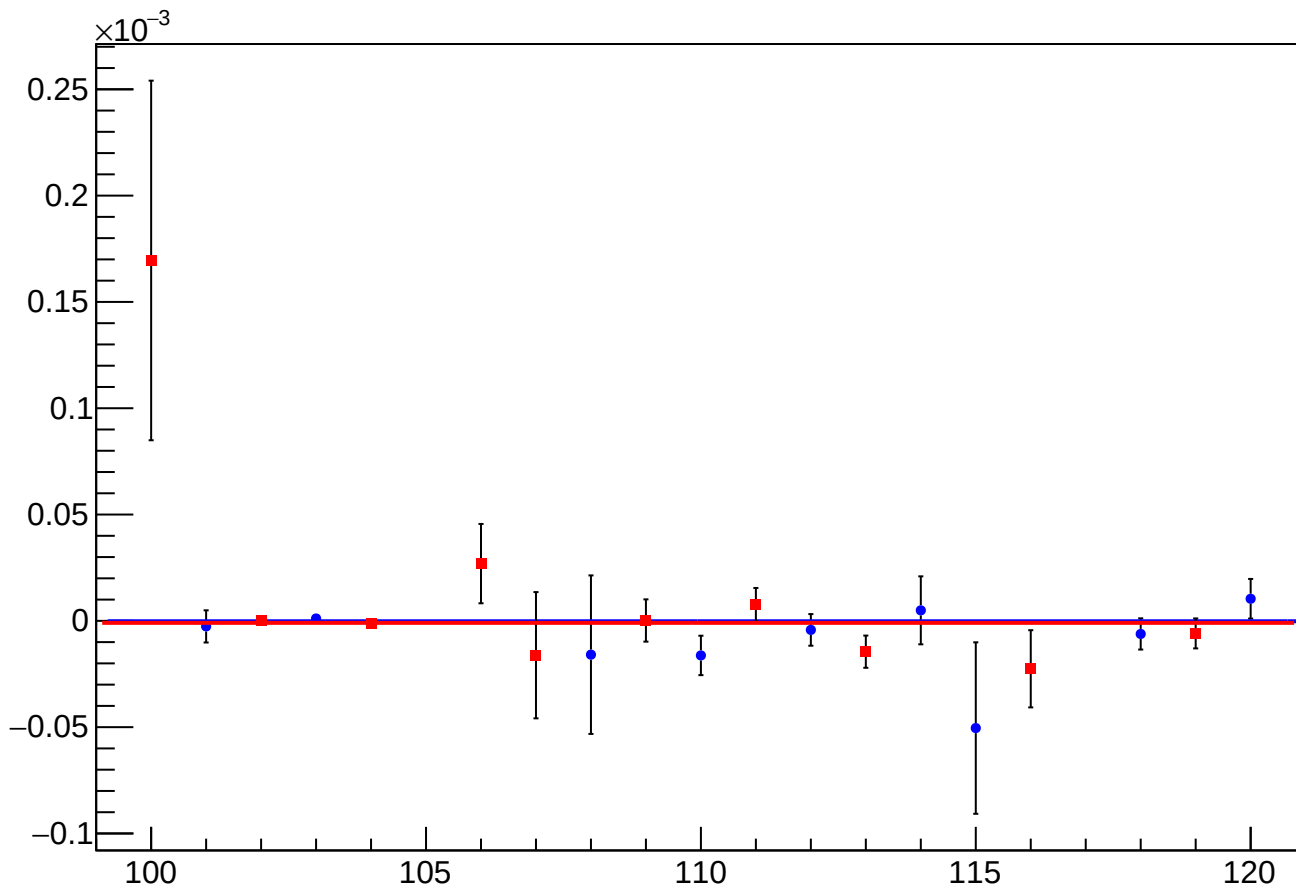
Right: 48.010+/-0.015 χ^2/NDF : 3694760.9/18

In: 47.317+/-0.021 χ^2/NDF : 1590758.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.010+/-0.015 χ^2/NDF : 3694760.9/18

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 : 7.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

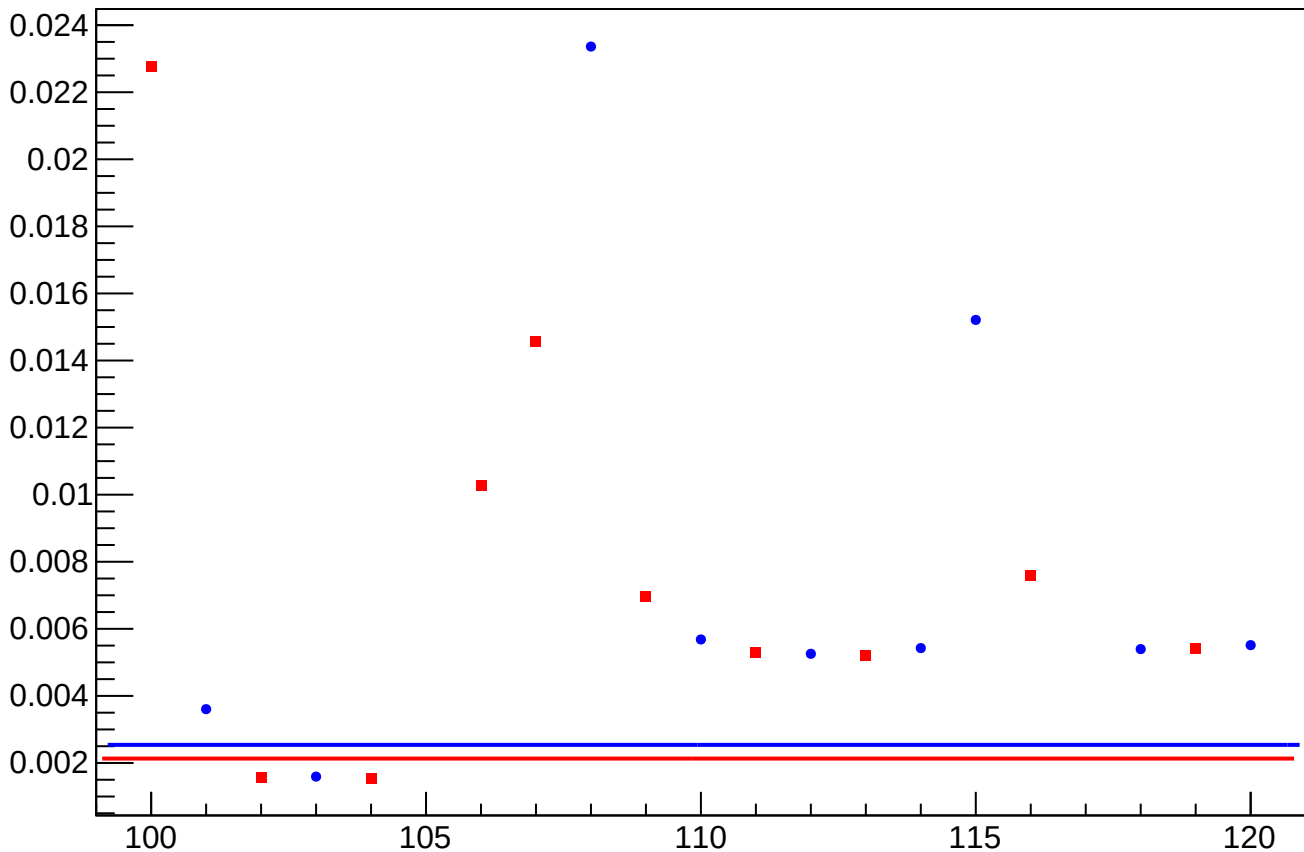
Right: -0.000+/-0.000 χ^2/NDF : 20.8/18

In: -0.000+/-0.000 χ^2/NDF : 7.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.8/18

asym_us_dd_at2lr_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 2355272.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2910714.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

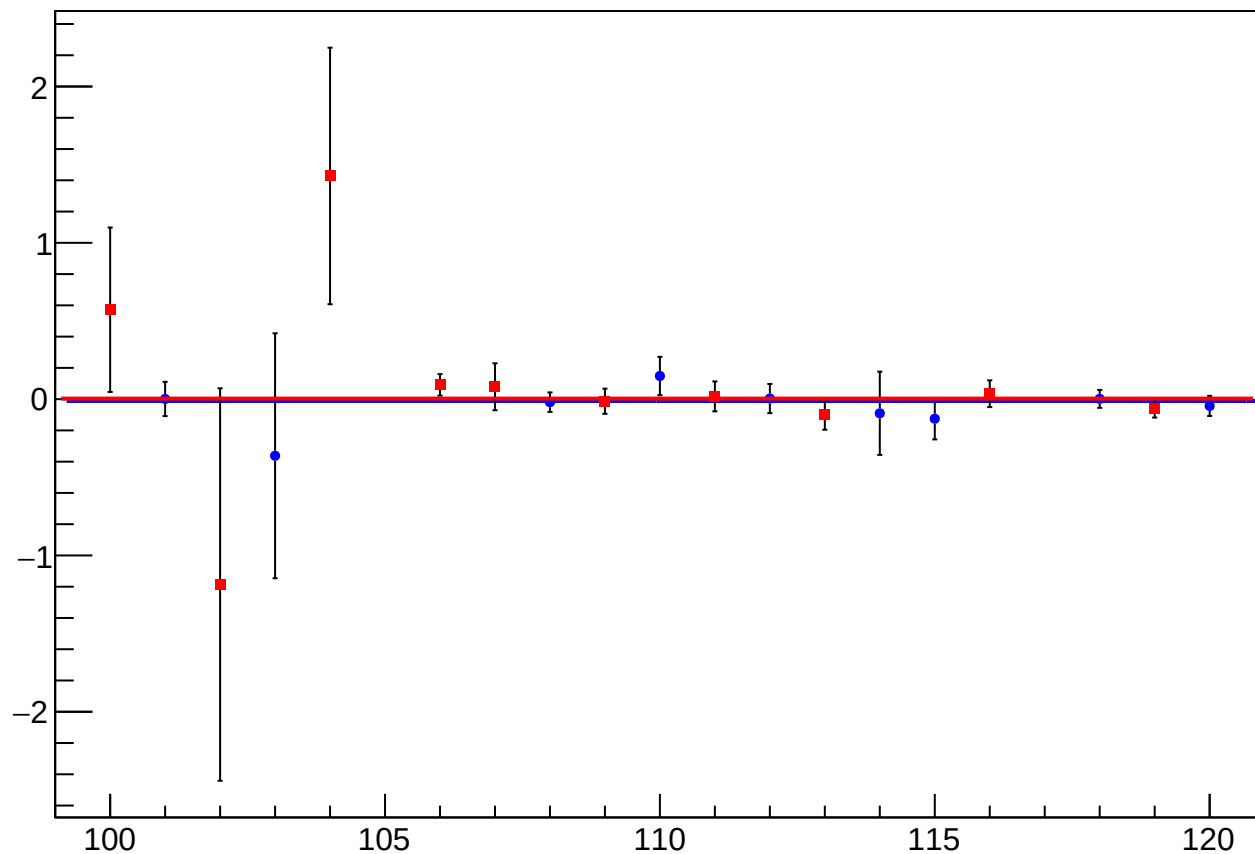
Right: 0.002+/-0.000 χ^2/NDF : 5333676.4/18

In: 0.003+/-0.000 χ^2/NDF :2355272.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5333676.4/18

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.030 χ^2/NDF : 3.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.004 $\pm$ 0.031 χ^2/NDF : 9.3/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

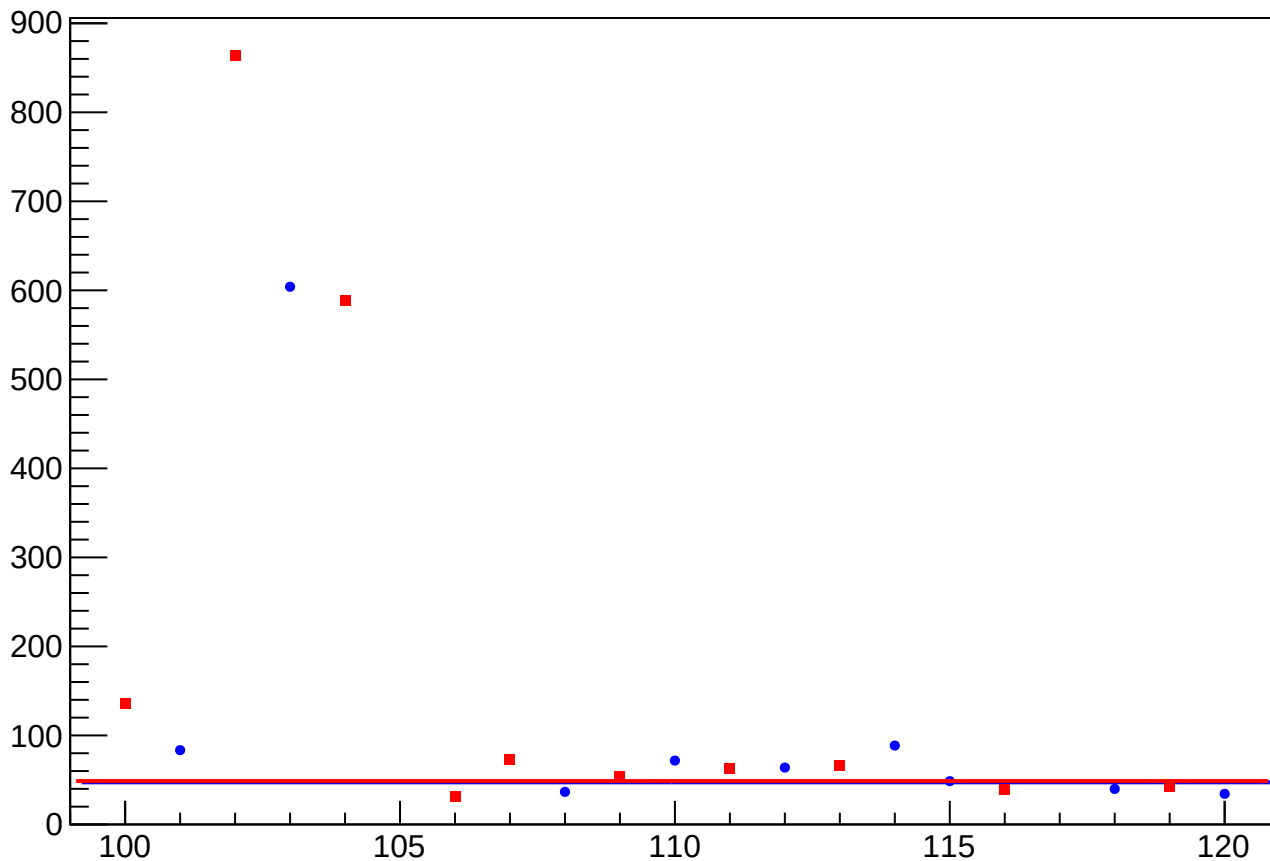
Right: -0.004 $\pm$ 0.021 χ^2/NDF : 12.5/18

In: -0.012 $\pm$ 0.030 χ^2/NDF : 3.1/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.004 $\pm$ 0.021 χ^2/NDF : 12.5/18

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.322+/-0.021 χ^2/NDF : 1590583.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.763+/-0.022 χ^2/NDF : 2101550.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

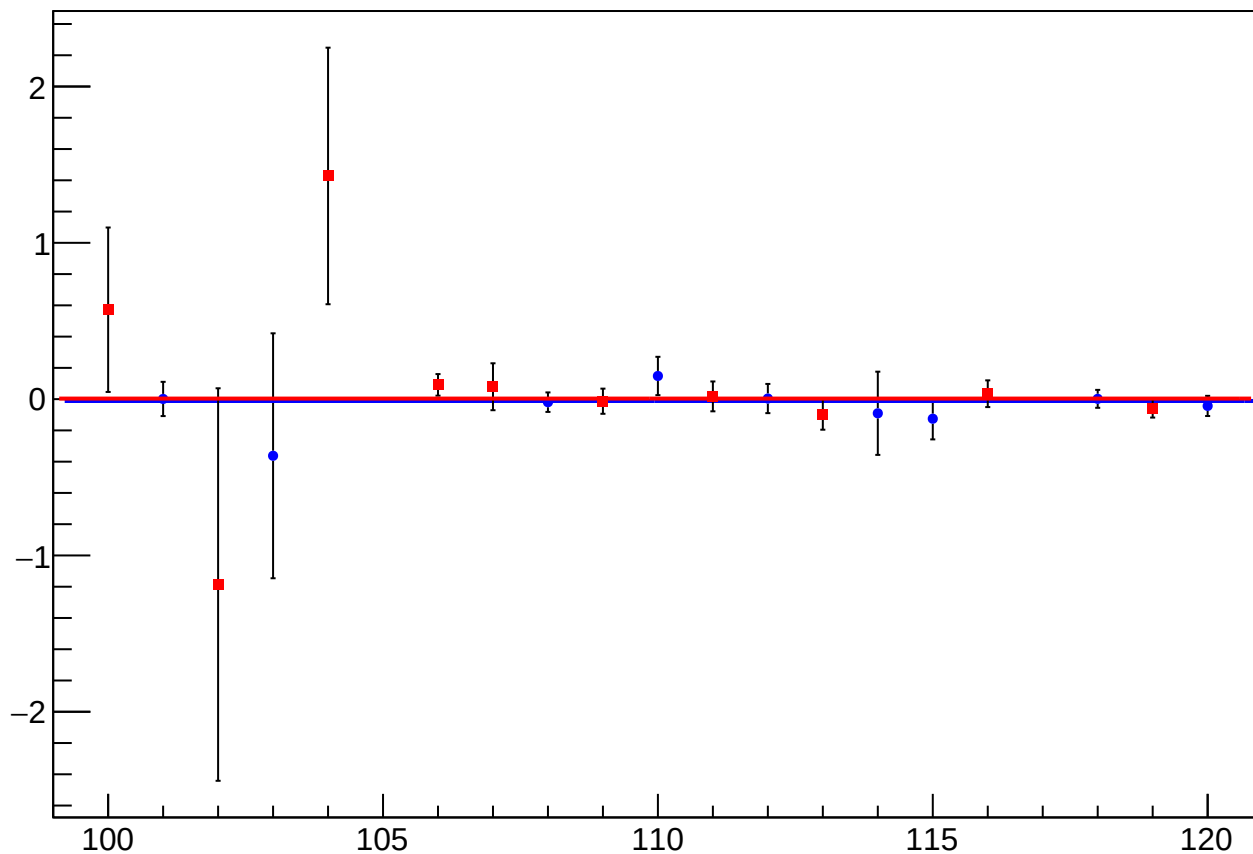
Right: 48.014+/-0.015 χ^2/NDF : 3694404.1/18

In: 47.322+/-0.021 χ^2/NDF : 1590583.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.014+/-0.015 χ^2/NDF : 3694404.1/18

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.030 χ^2 /NDF: 3.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.031 χ^2 /NDF: 9.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

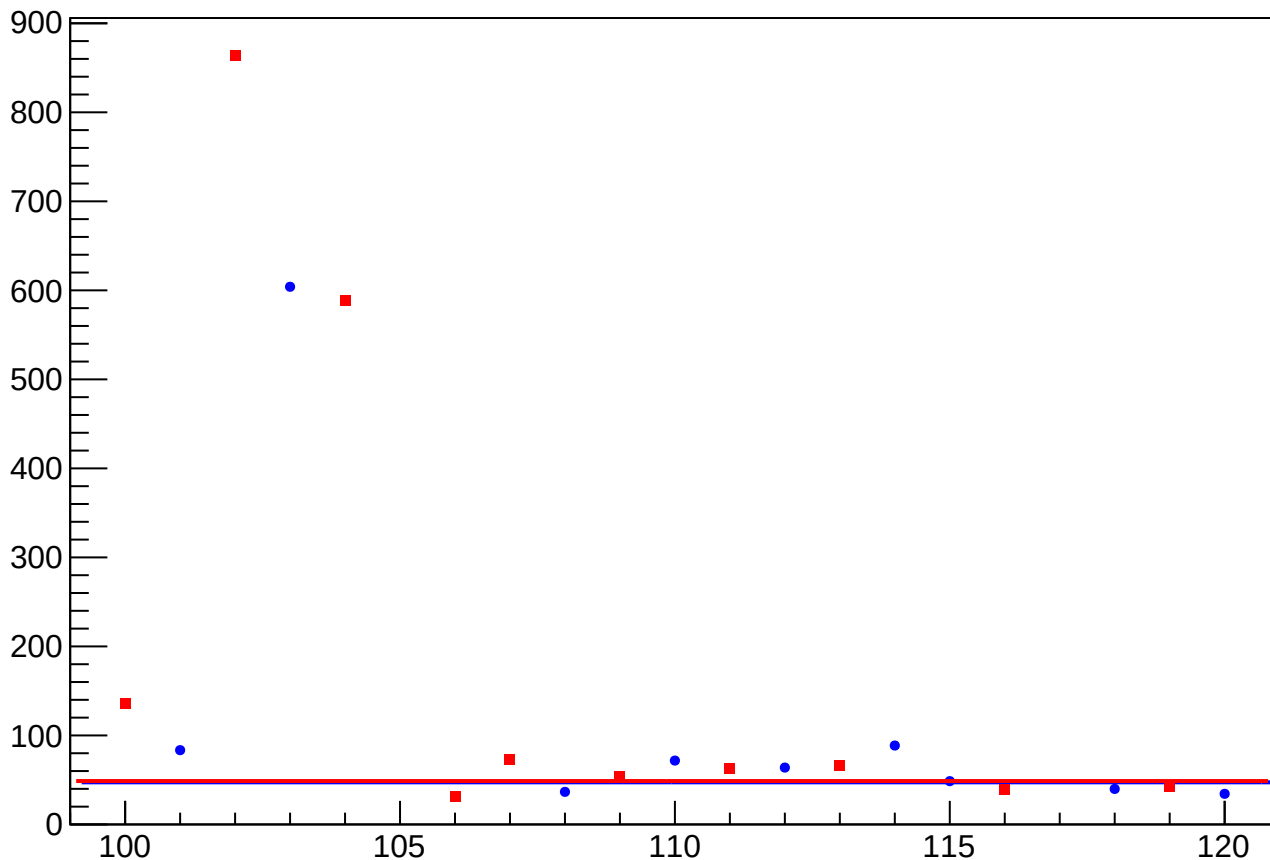
Right: -0.004 $\pm$ 0.021 χ^2 /NDF: 12.5/18

In: -0.012 $\pm$ 0.030 χ^2 /NDF:3.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.021 χ^2 /NDF: 12.5/18

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.322+/-0.021 χ^2/NDF : 1590583.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 48.763+/-0.022 χ^2/NDF : 2101550.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

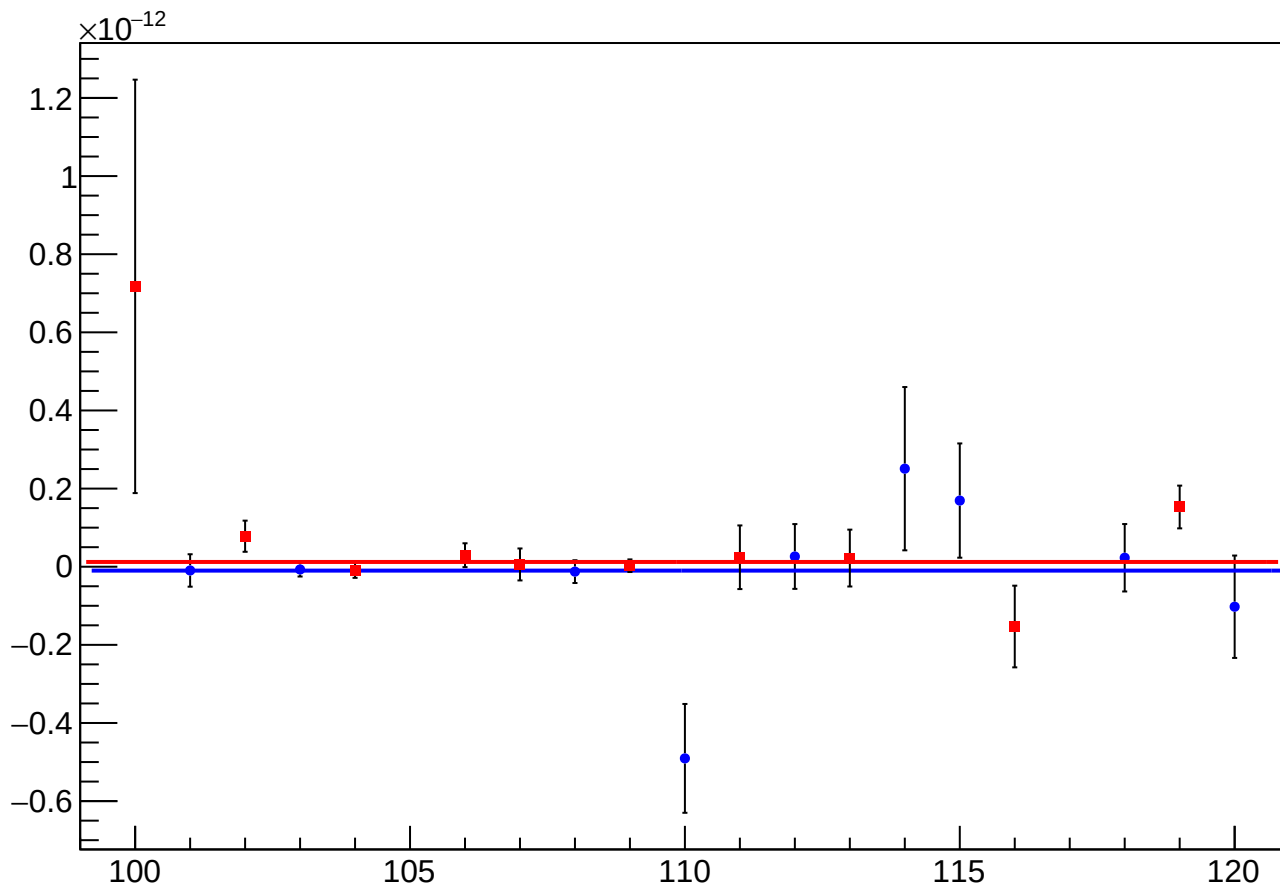
Right: 48.014+/-0.015 χ^2/NDF : 3694404.1/18

In: 47.322+/-0.021 χ^2/NDF :1590583.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 48.014+/-0.015 χ^2/NDF : 3694404.1/18

asym_us_dd_at2lr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

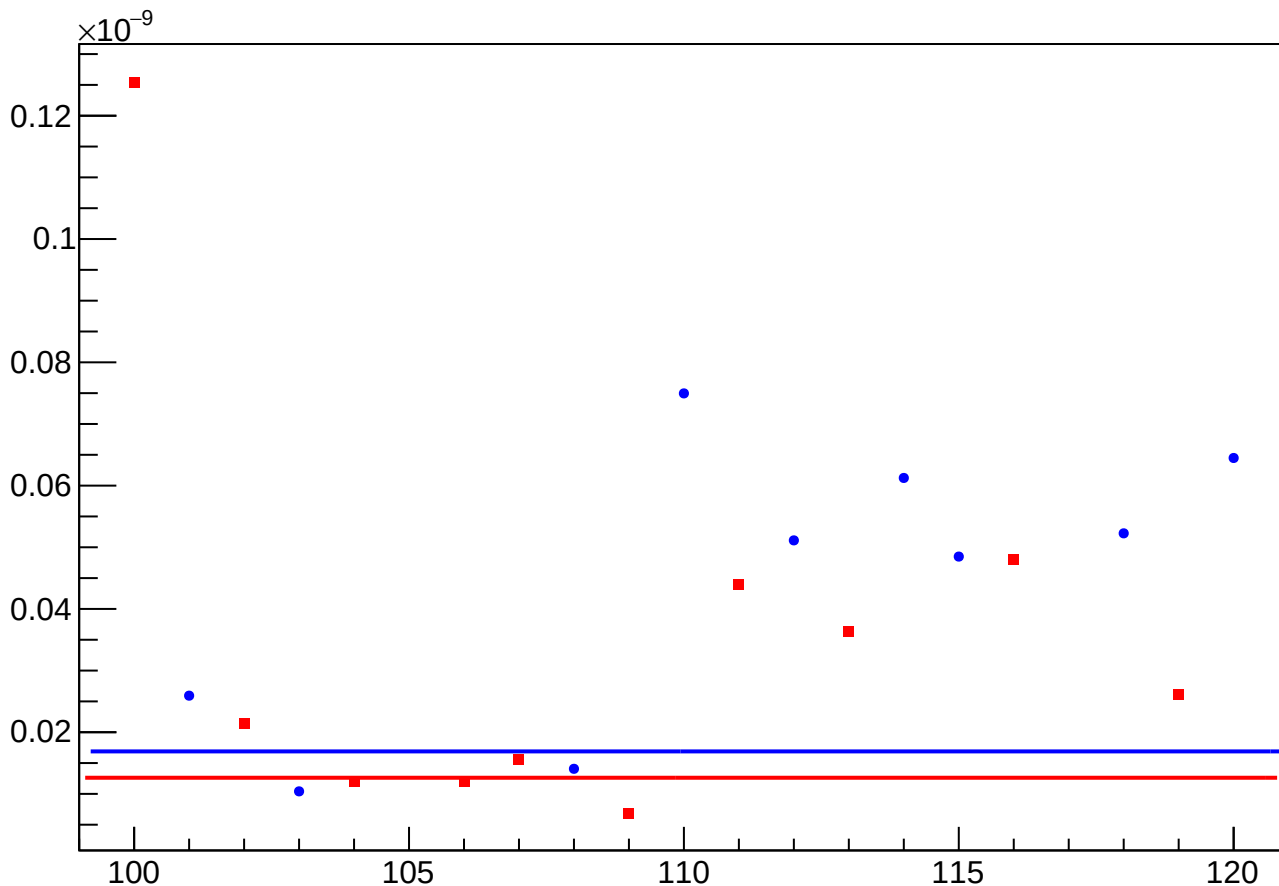
Right: 0.000+/-0.000 χ^2/NDF : 33.1/18

In: -0.000+/-0.000 χ^2/NDF : 15.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.1/18

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 : 1843188.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1323971.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

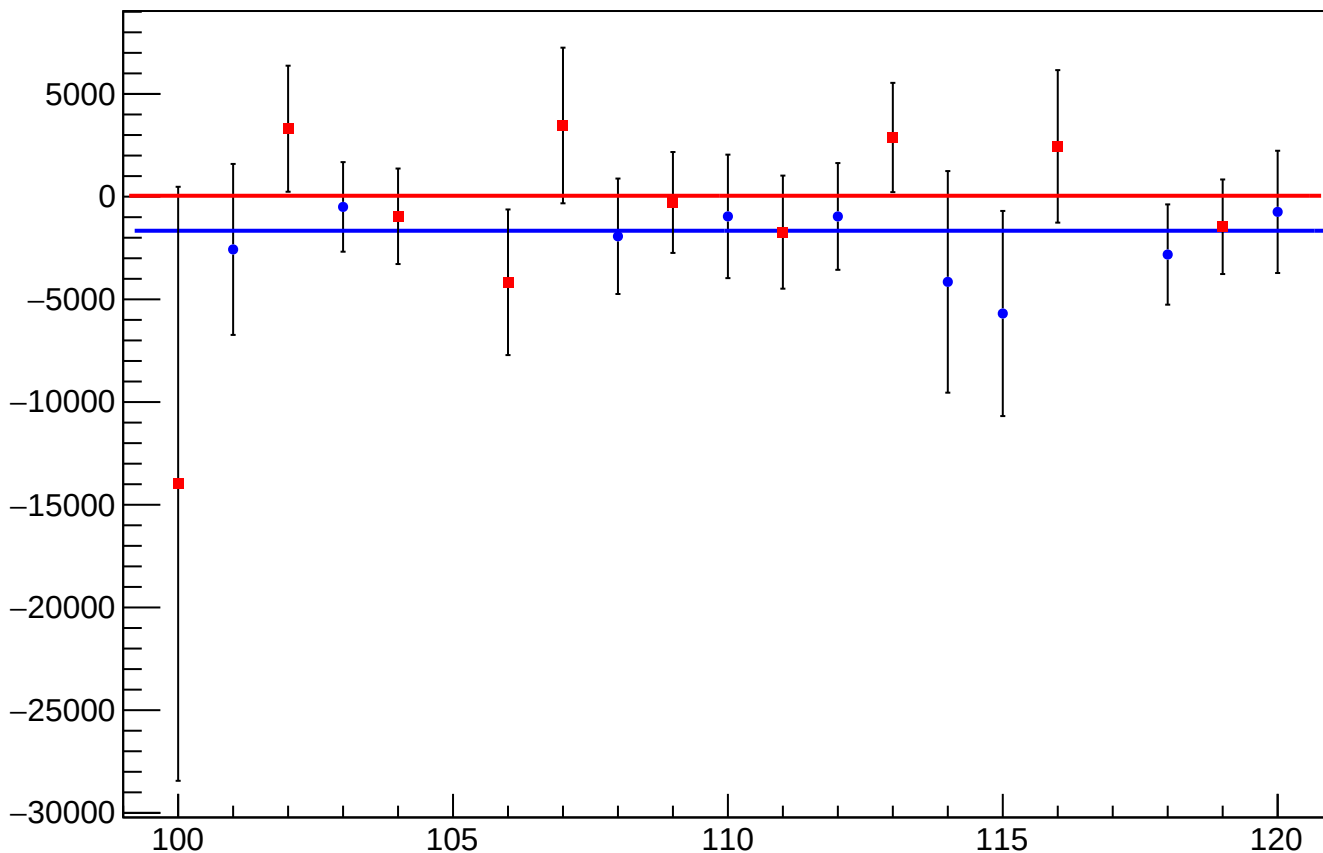
Right: 0.000+/-0.000 χ^2/NDF : 3291603.5/18

In: 0.000+/-0.000 χ^2/NDF :1843188.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3291603.5/18

reg_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1659.976+/-995.699 χ^2/NDF : 1.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.348+/-934.278 χ^2/NDF : 6.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

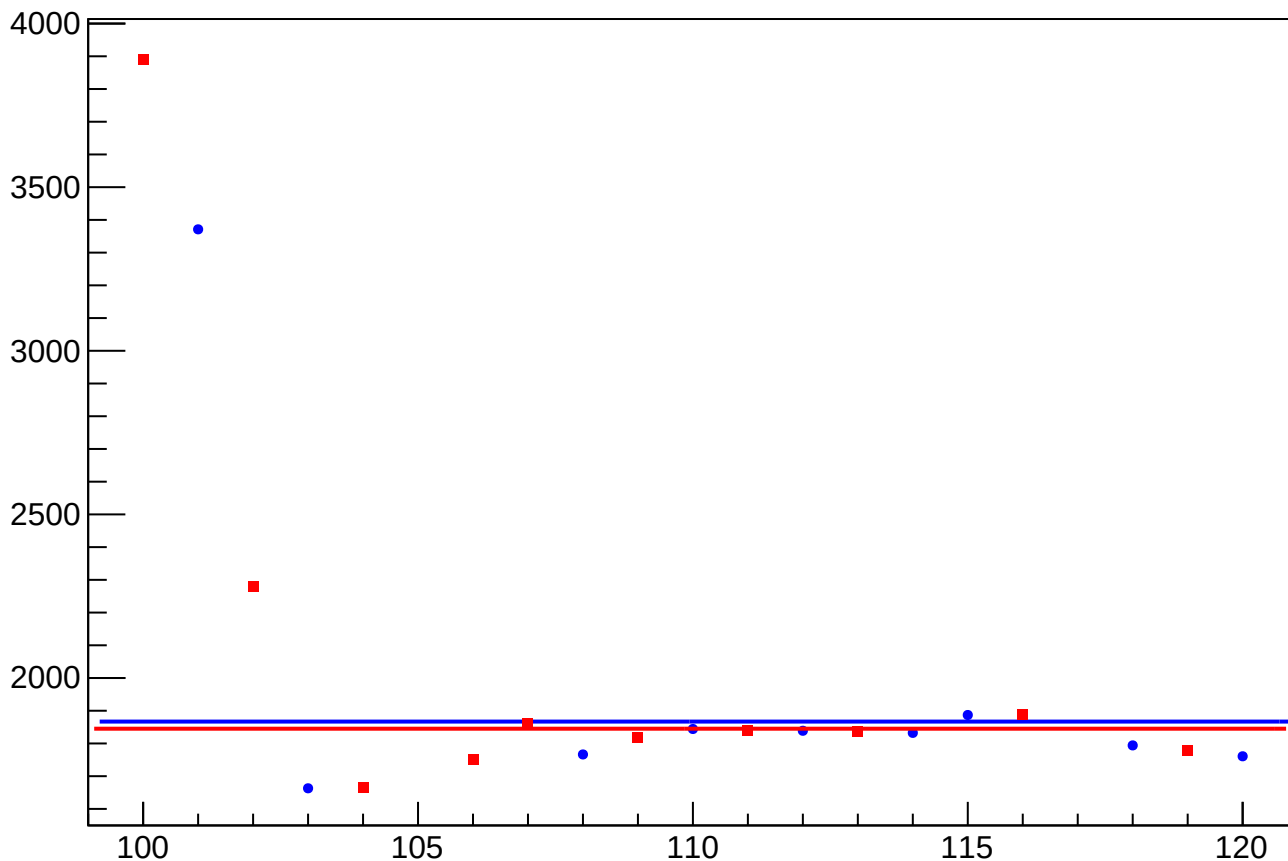
Right: -754.160+/-681.314 χ^2/NDF : 10.1/18

In: -1659.976+/-995.699 χ^2/NDF : 1.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -754.160+/-681.314 χ^2/NDF : 10.1/18

reg_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1866.884+/-0.704 χ^2/NDF : 286104.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1845.090+/-0.661 χ^2/NDF : 95902.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

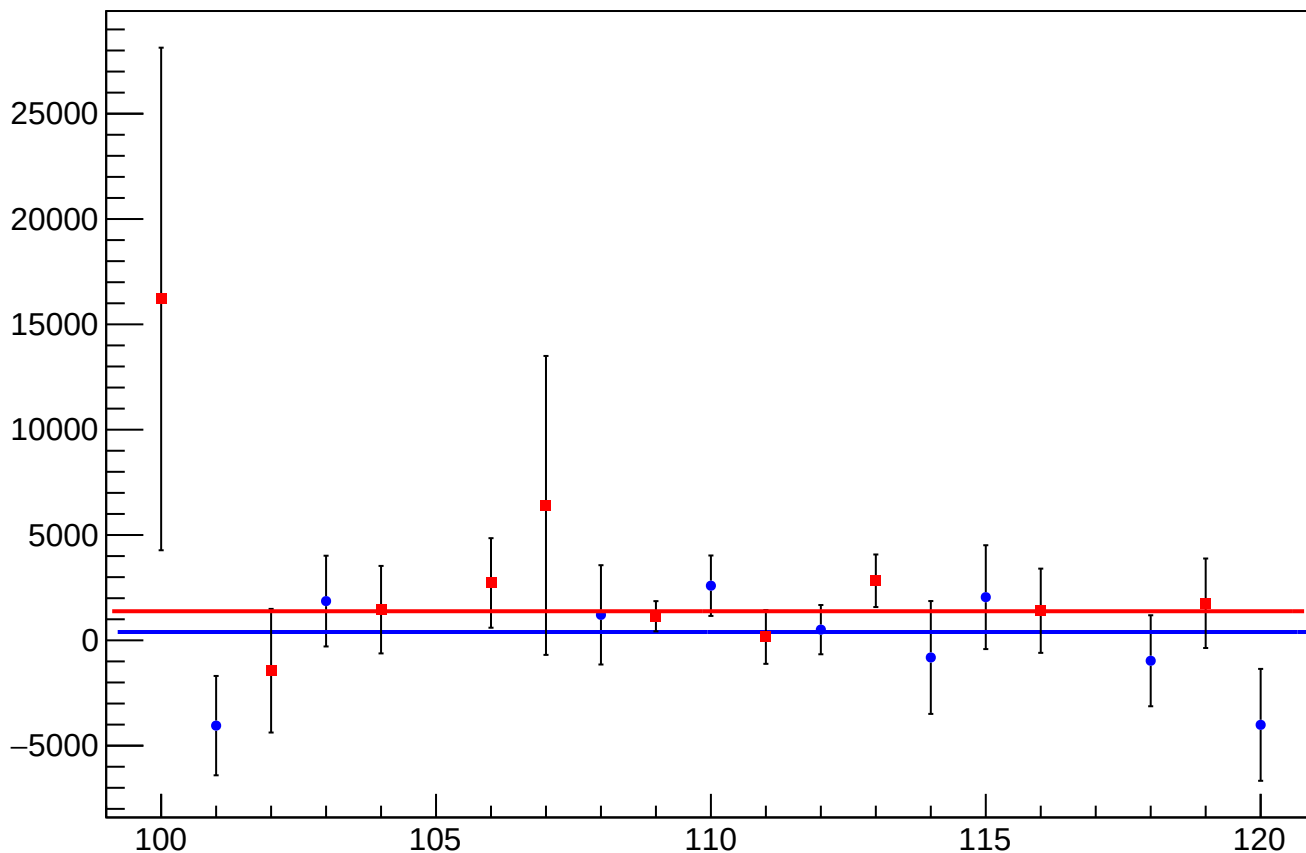
Right: 1855.294+/-0.482 χ^2/NDF : 382516.3/18

In: 1866.884+/-0.704 χ^2/NDF : 286104.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1855.294+/-0.482 χ^2/NDF : 382516.3/18

asym_us_dd_atlr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 395.946+/-638.466 χ^2/NDF : 10.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1381.498+/-484.273 χ^2/NDF : 5.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

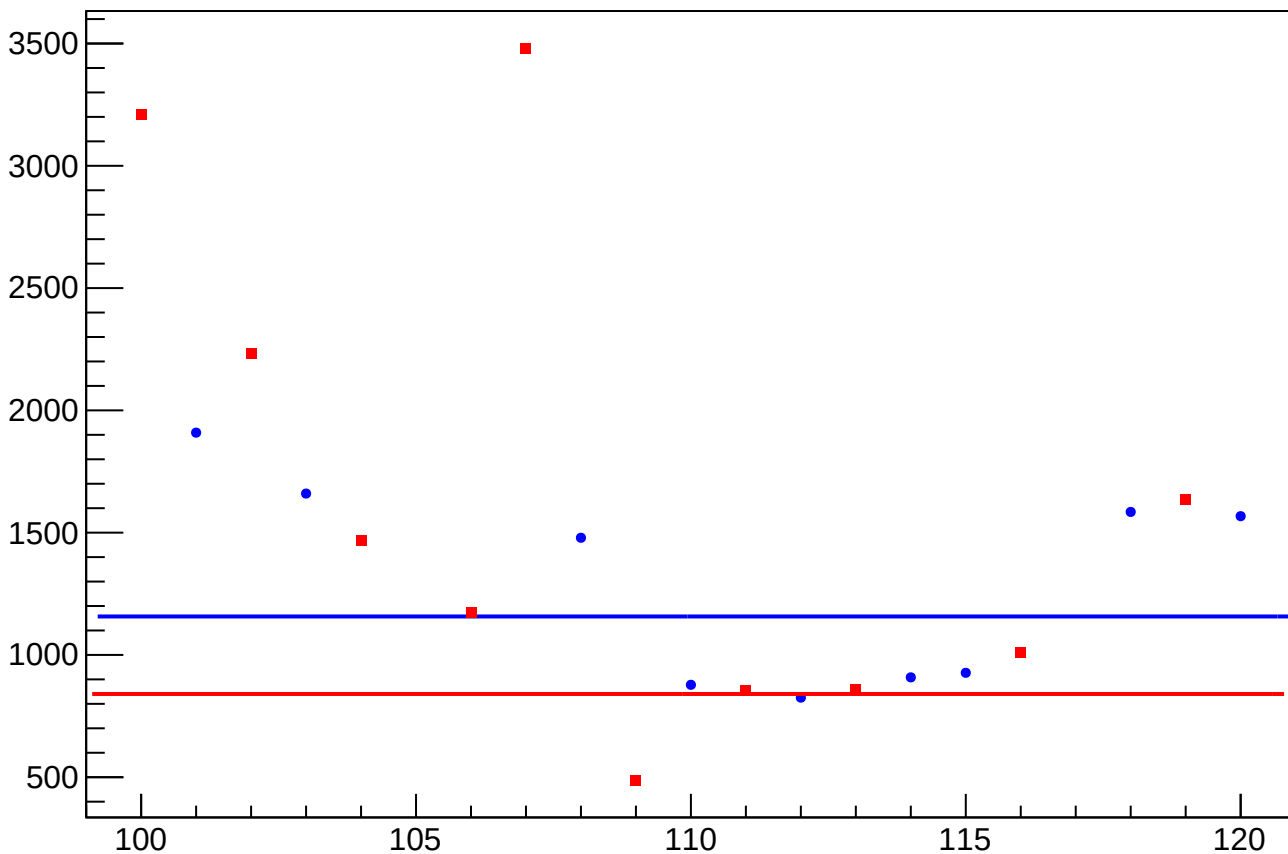
Right: 1021.568+/-385.839 χ^2/NDF : 17.6/18

In: 395.946+/-638.466 χ^2/NDF : 10.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1021.568+/-385.839 χ^2/NDF : 17.6/18

asym_us_dd_atlr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1157.250+/-0.451 χ^2/NDF : 747296.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 840.369+/-0.342 χ^2/NDF : 1820288.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

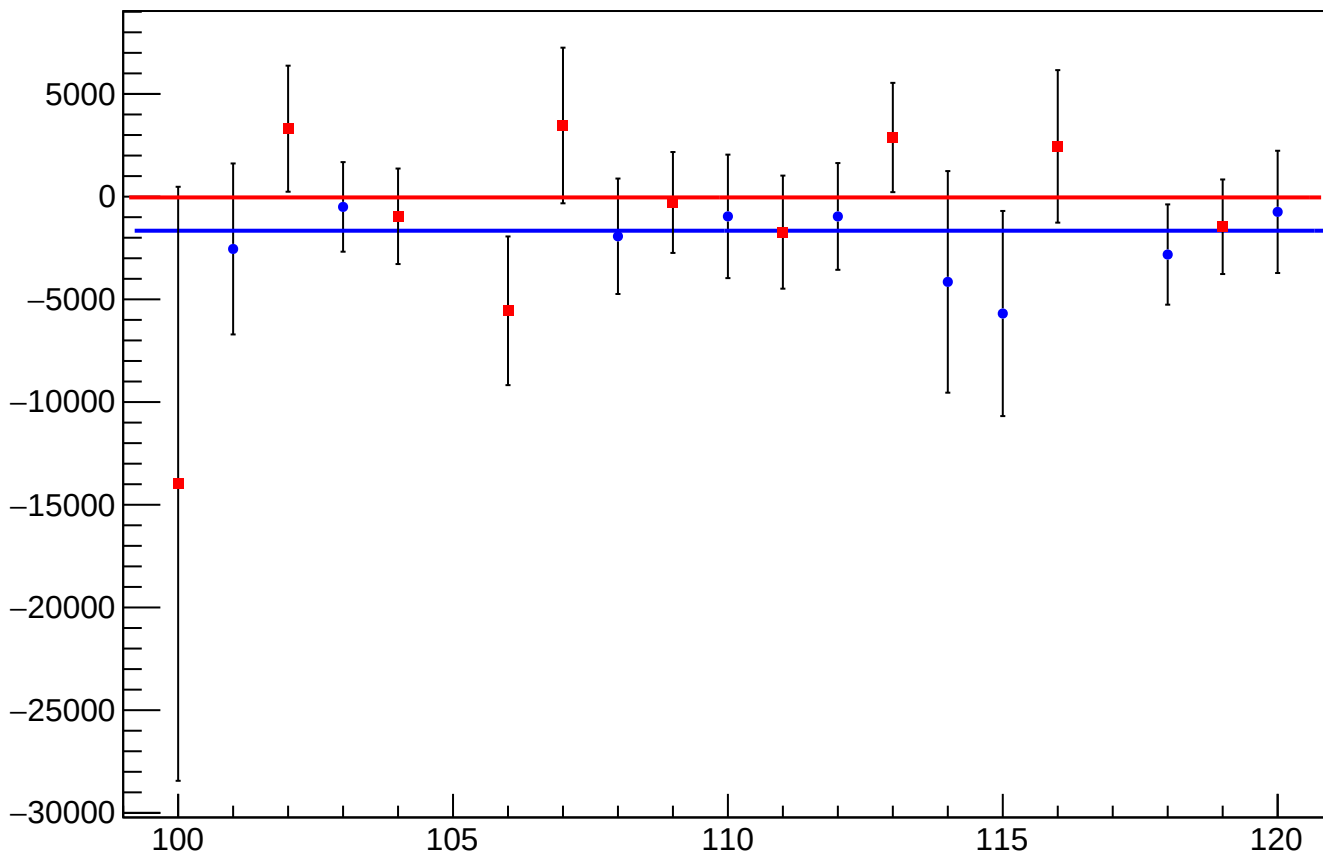
Right: 956.096+/-0.273 χ^2/NDF : 2880321.7/18

In: 1157.250+/-0.451 χ^2/NDF : 747296.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 956.096+/-0.273 χ^2/NDF : 2880321.7/18

cor_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1658.692+/-995.700 χ^2/NDF : 1.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -37.574+/-935.605 χ^2/NDF : 7.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

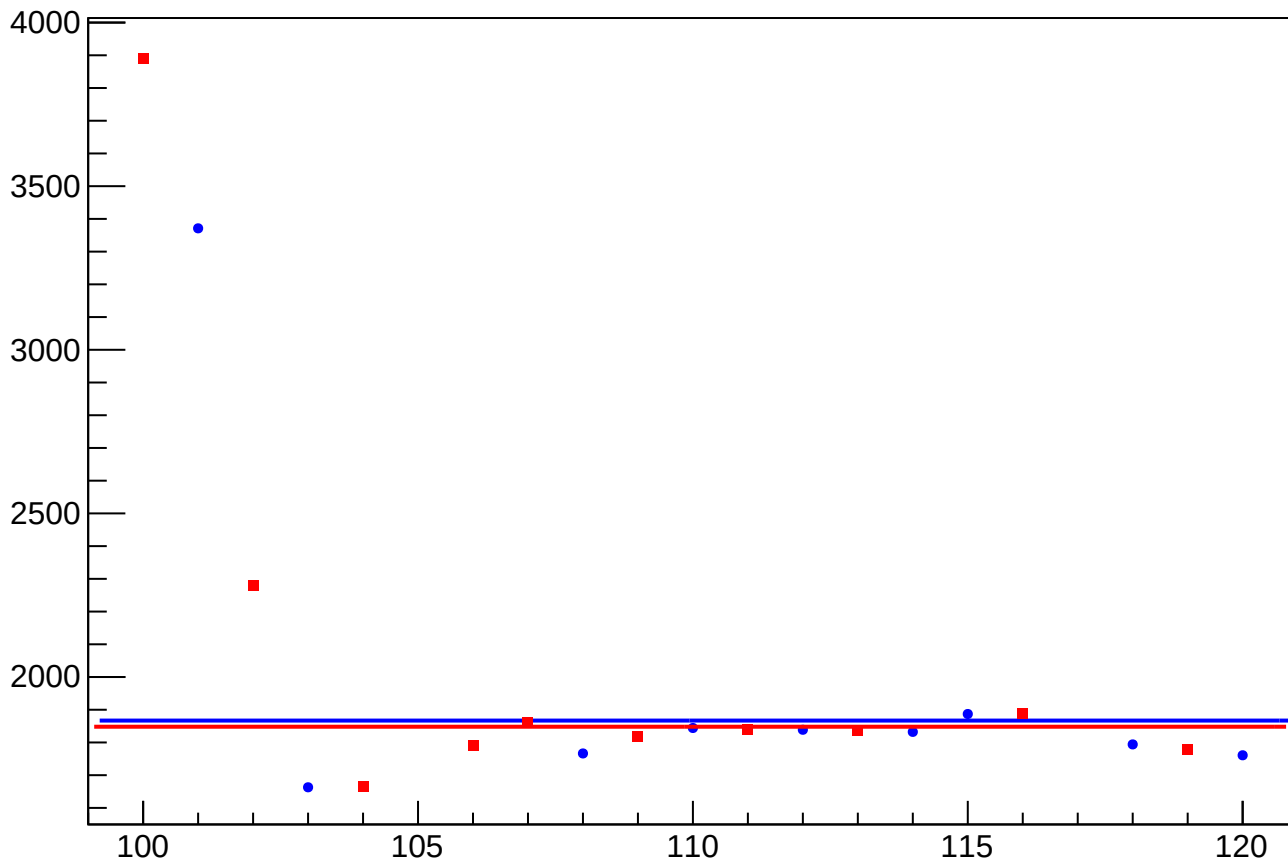
Right: -797.739+/-681.829 χ^2/NDF : 10.9/18

In: -1658.692+/-995.700 χ^2/NDF : 1.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -797.739+/-681.829 χ^2/NDF : 10.9/18

cor_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1866.884+/-0.704 χ^2/NDF : 286106.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1848.091+/-0.662 χ^2/NDF : 94899.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

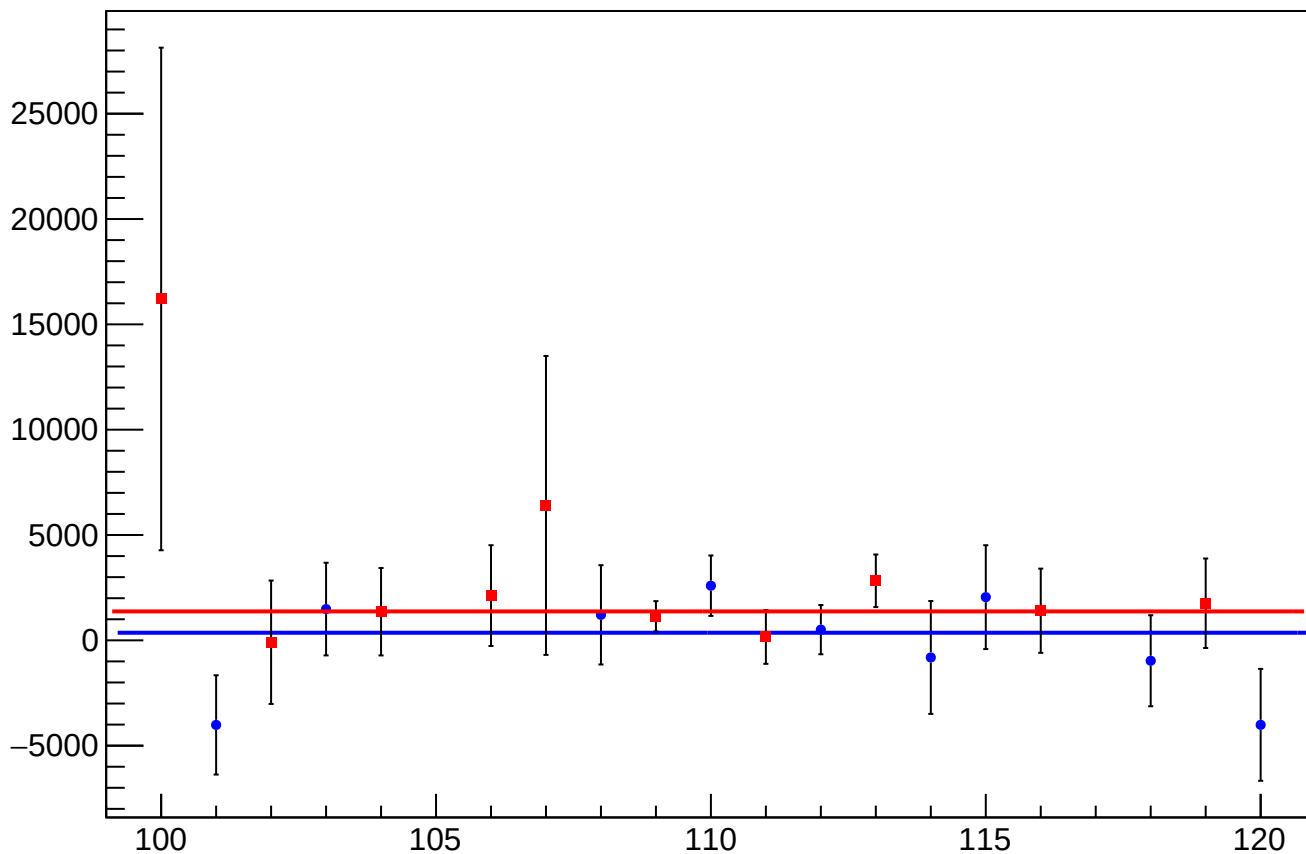
Right: 1856.903+/-0.482 χ^2/NDF : 381384.2/18

In: 1866.884+/-0.704 χ^2/NDF : 286106.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1856.903+/-0.482 χ^2/NDF : 381384.2/18

asym_us_dd_atlr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 360.738+/-639.576 χ^2/NDF : 10.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1372.907+/-486.875 χ^2/NDF : 4.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

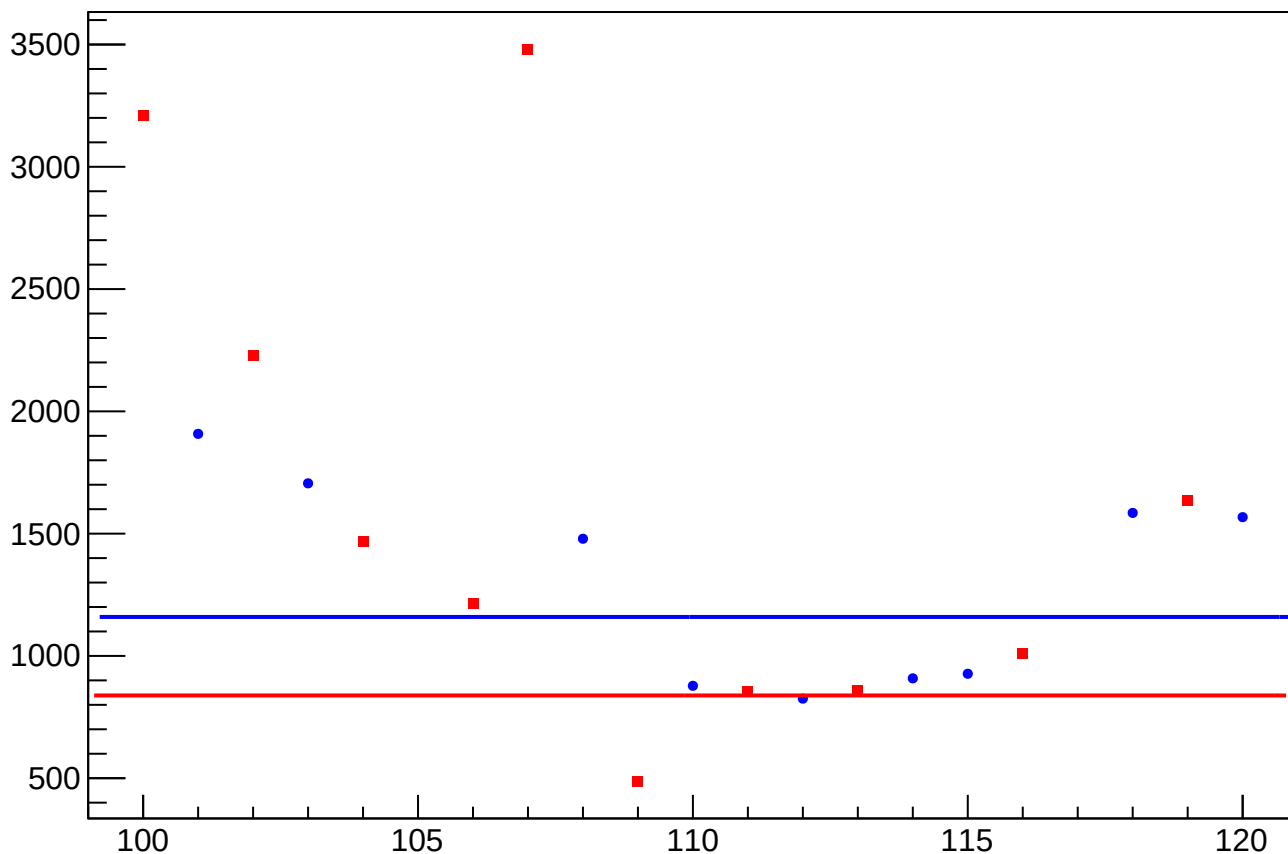
Right: 1001.556+/-387.399 χ^2/NDF : 16.4/18

In: 360.738+/-639.576 χ^2/NDF : 10.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1001.556+/-387.399 χ^2/NDF : 16.4/18

asym_us_dd_atlr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1159.345+/-0.452 χ^2/NDF : 762555.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 838.297+/-0.344 χ^2/NDF : 1818162.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

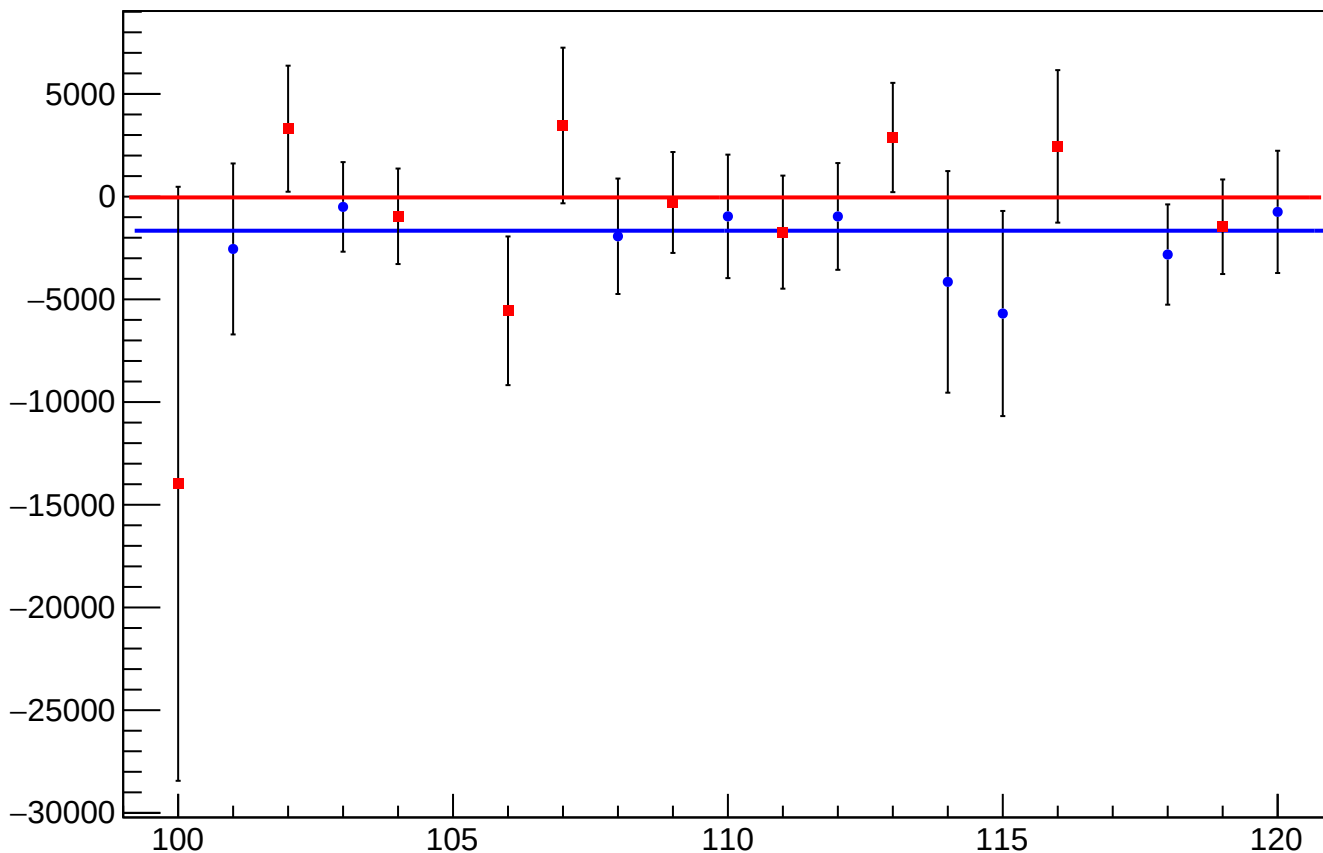
Right: 956.086+/-0.274 χ^2/NDF : 2899774.1/18

In: 1159.345+/-0.452 χ^2/NDF : 762555.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 956.086+/-0.274 χ^2/NDF : 2899774.1/18

eigen_cor_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1658.692+/-995.700 χ^2/NDF : 1.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -37.574+/-935.605 χ^2/NDF : 7.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

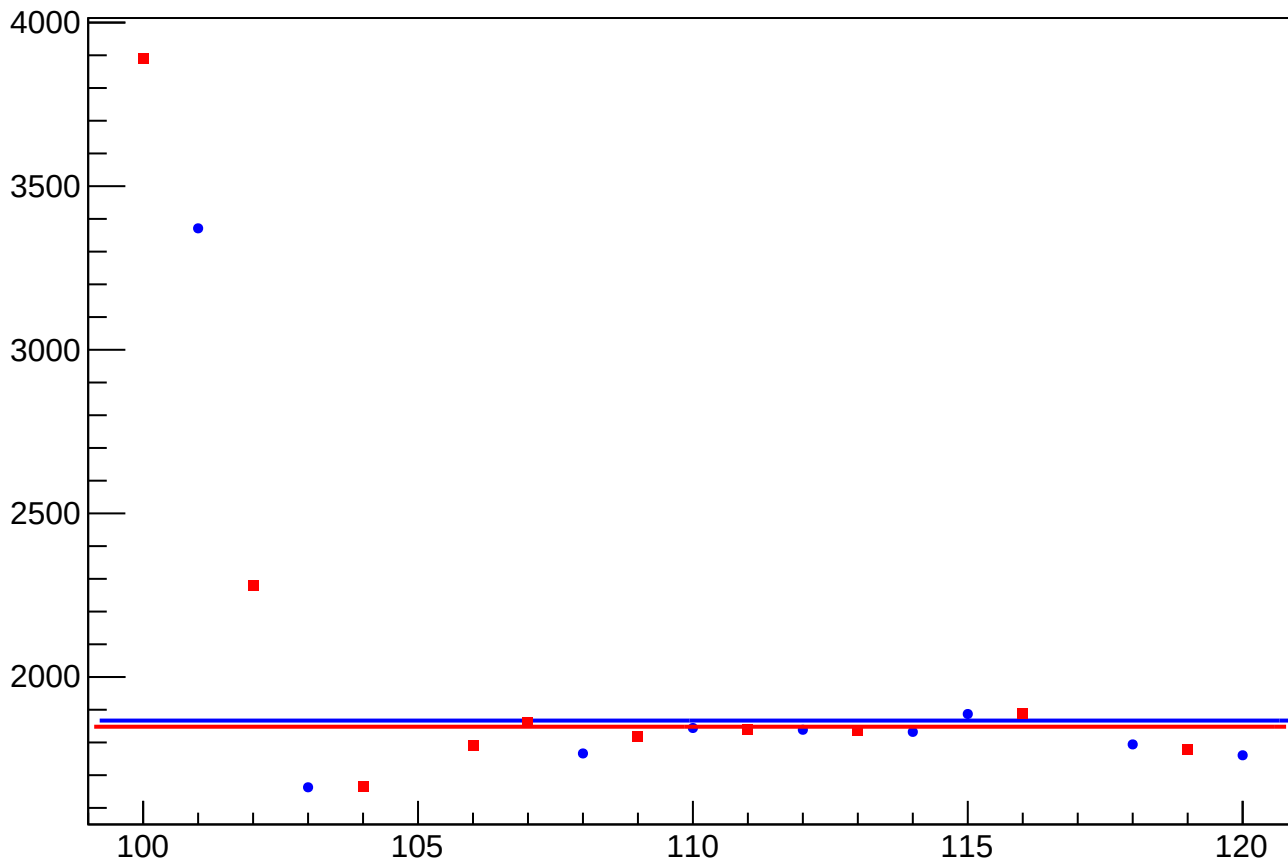
Right: -797.739+/-681.829 χ^2/NDF : 10.9/18

In: -1658.692+/-995.700 χ^2/NDF : 1.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -797.739+/-681.829 χ^2/NDF : 10.9/18

eigen_cor_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1866.884+/-0.704 χ^2/NDF : 286106.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1848.091+/-0.662 χ^2/NDF : 94899.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

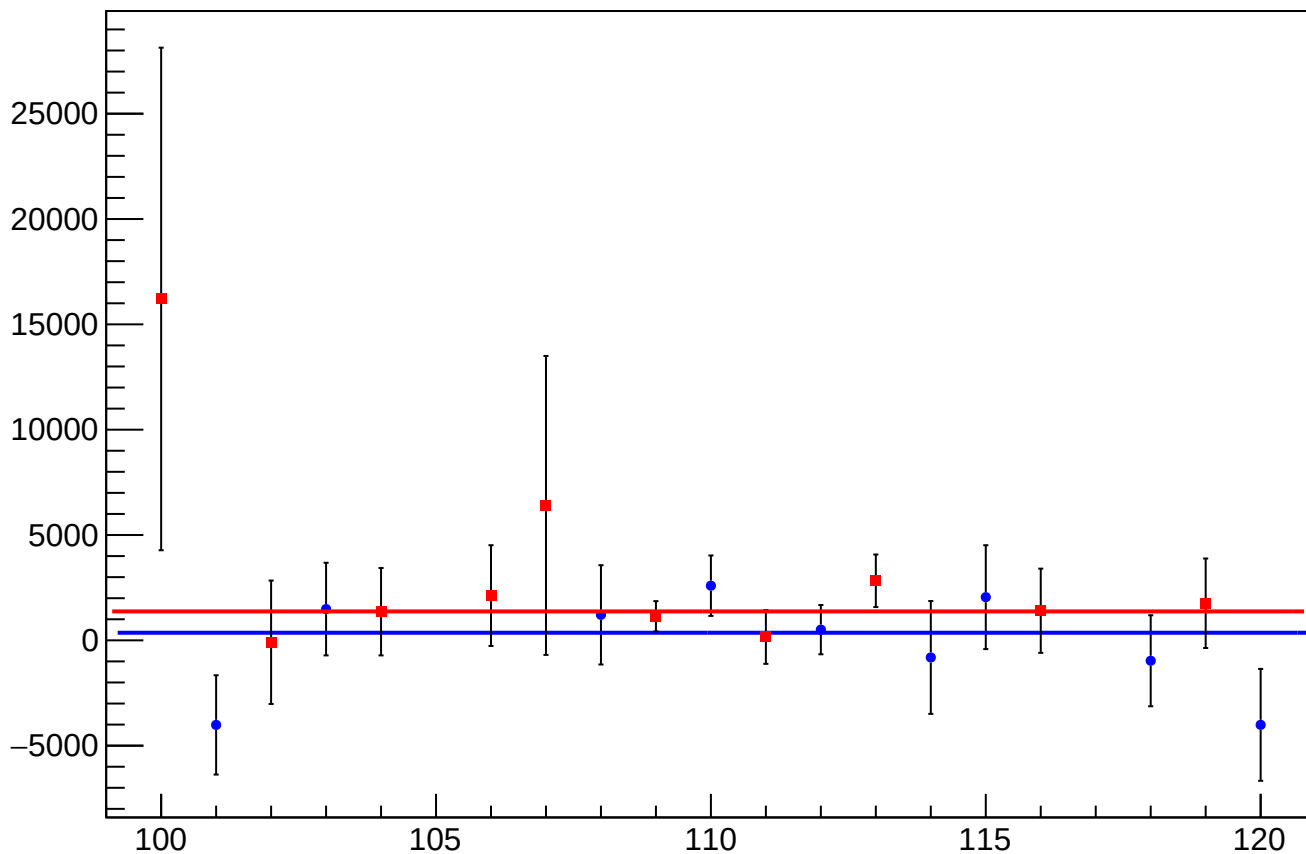
Right: 1856.903+/-0.482 χ^2/NDF : 381384.2/18

In: 1866.884+/-0.704 χ^2/NDF : 286106.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1856.903+/-0.482 χ^2/NDF : 381384.2/18

asym_us_dd_atlr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 360.738+/-639.576 χ^2 /NDF: 10.0/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1372.907+/-486.875 χ^2 /NDF: 4.8/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

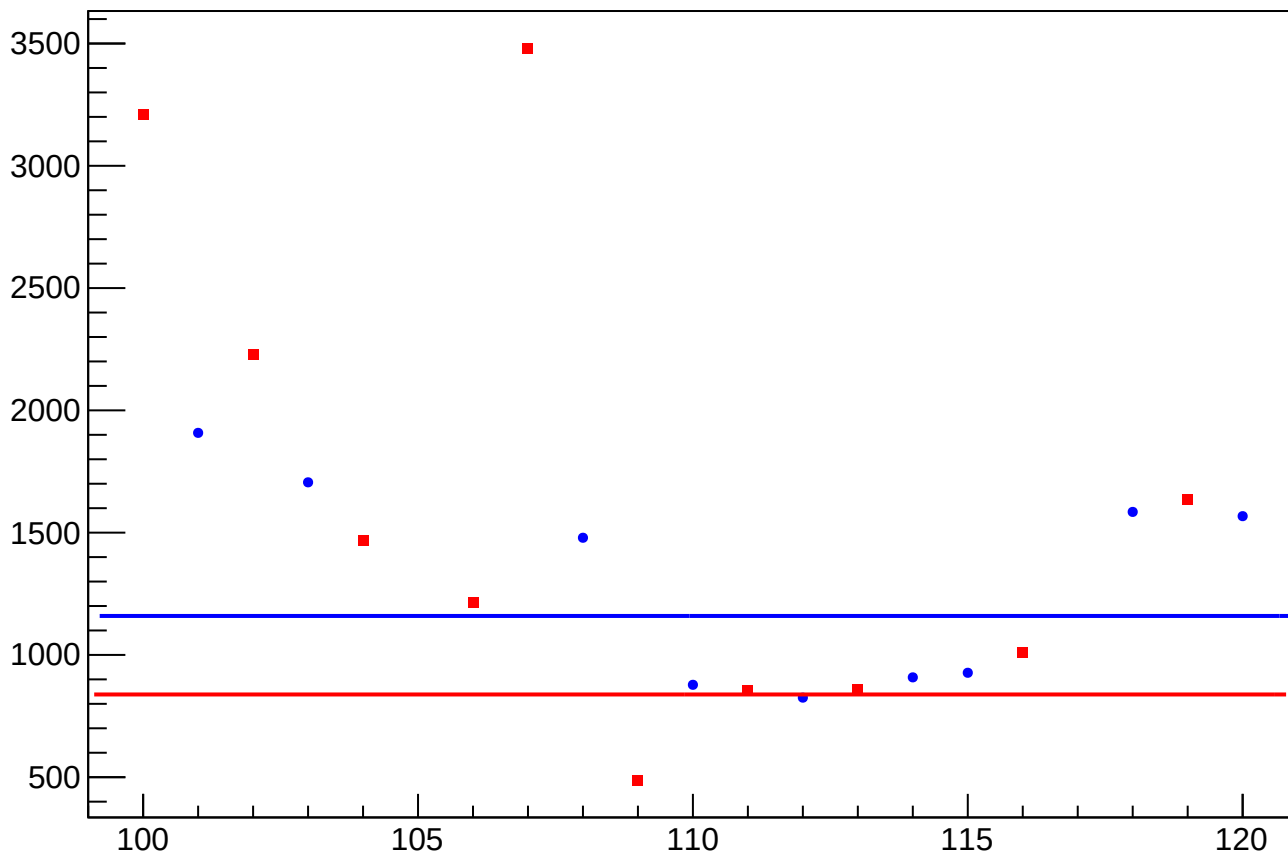
Right: 1001.556+/-387.399 χ^2 /NDF: 16.4/18

In: 360.738+/-639.576 χ^2 /NDF:10.0/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1001.556+/-387.399 χ^2 /NDF: 16.4/18

asym_us_dd_atlr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1159.345+/-0.452 χ^2/NDF : 762555.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 838.297+/-0.344 χ^2/NDF : 1818162.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

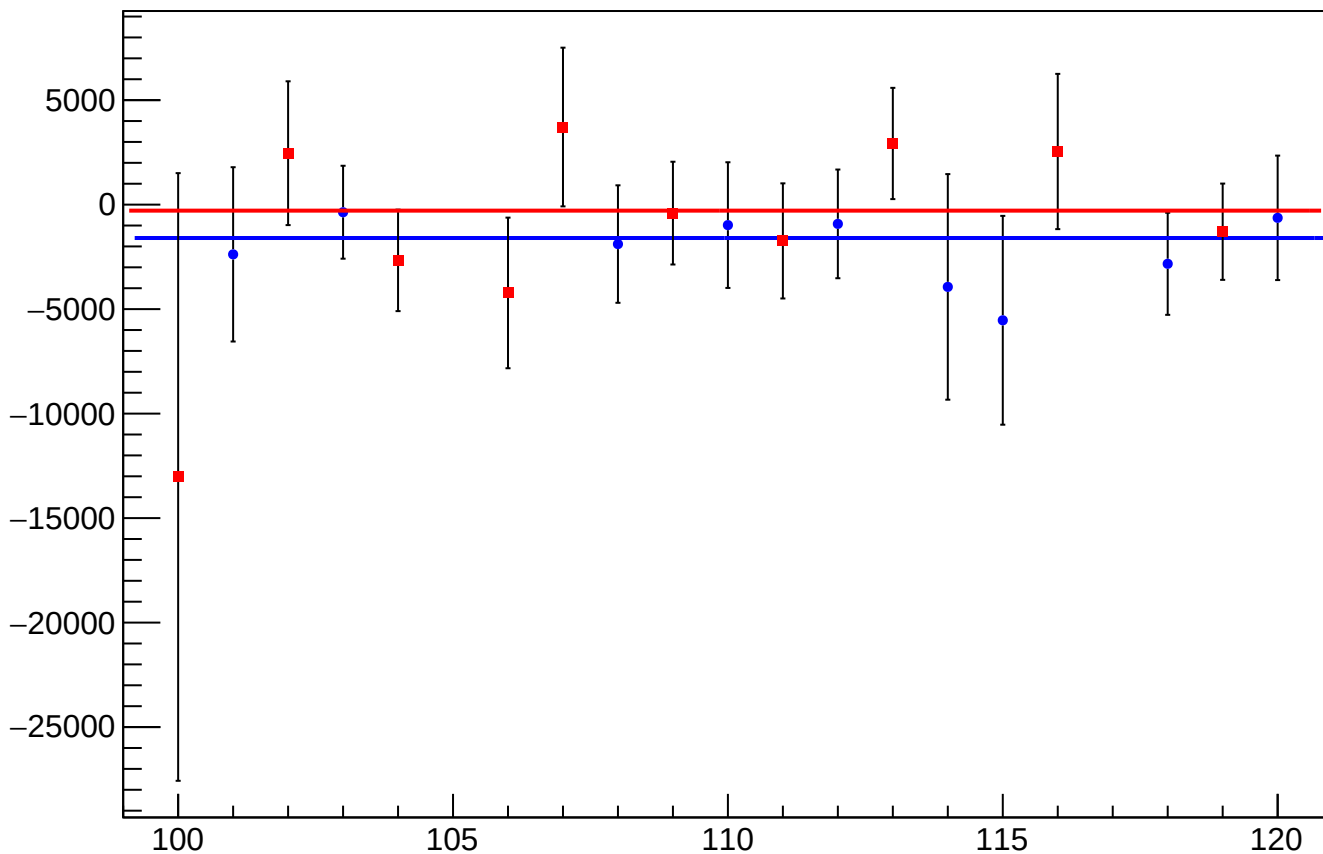
Right: 956.086+/-0.274 χ^2/NDF : 2899774.1/18

In: 1159.345+/-0.452 χ^2/NDF : 762555.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 956.086+/-0.274 χ^2/NDF : 2899774.1/18

dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1597.051+/-1000.185 χ^2/NDF : 1.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -287.242+/-951.492 χ^2/NDF : 7.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

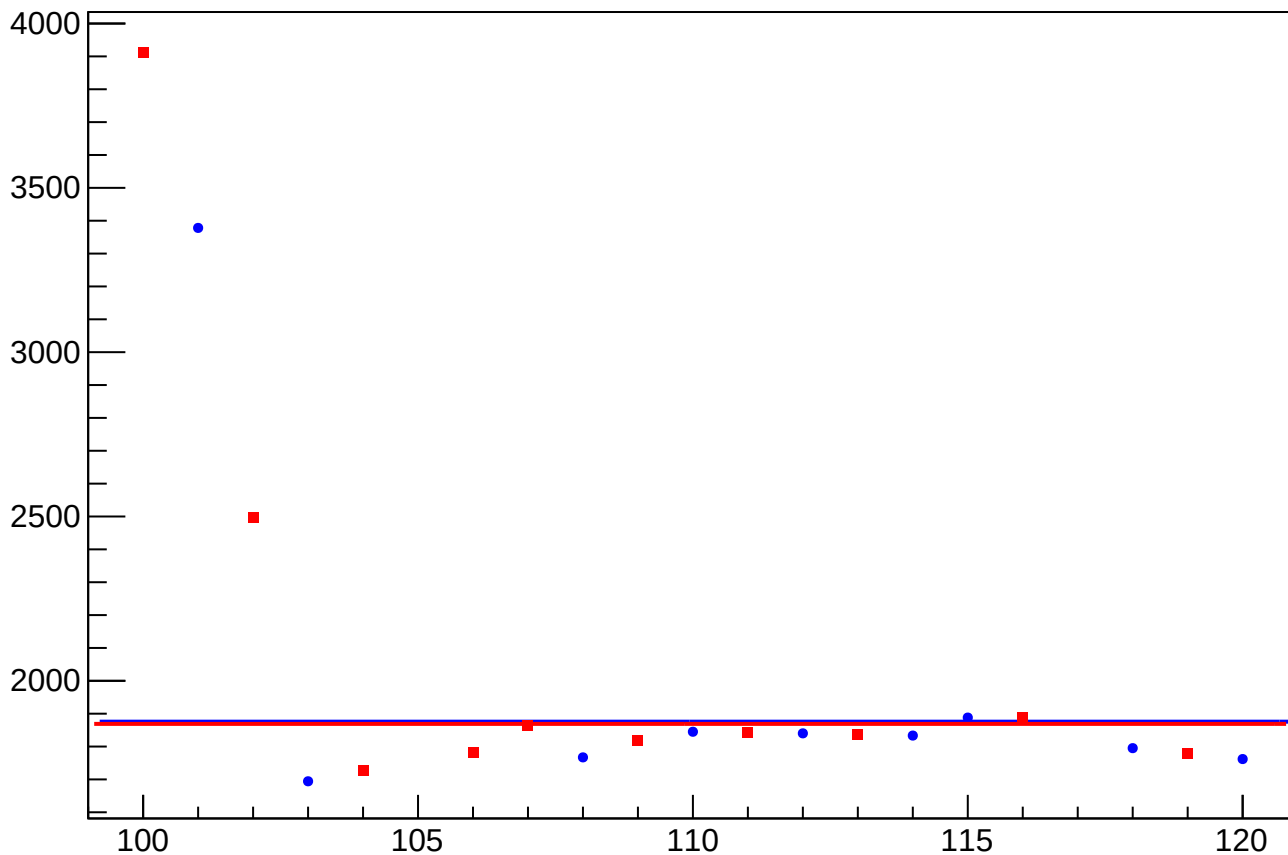
Right: -909.488+/-689.378 χ^2/NDF : 9.7/18

In: -1597.051+/-1000.185 χ^2/NDF : 1.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -909.488+/-689.378 χ^2/NDF : 9.7/18

dit_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1875.691+/-0.707 χ^2/NDF : 281672.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1868.953+/-0.673 χ^2/NDF : 118570.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

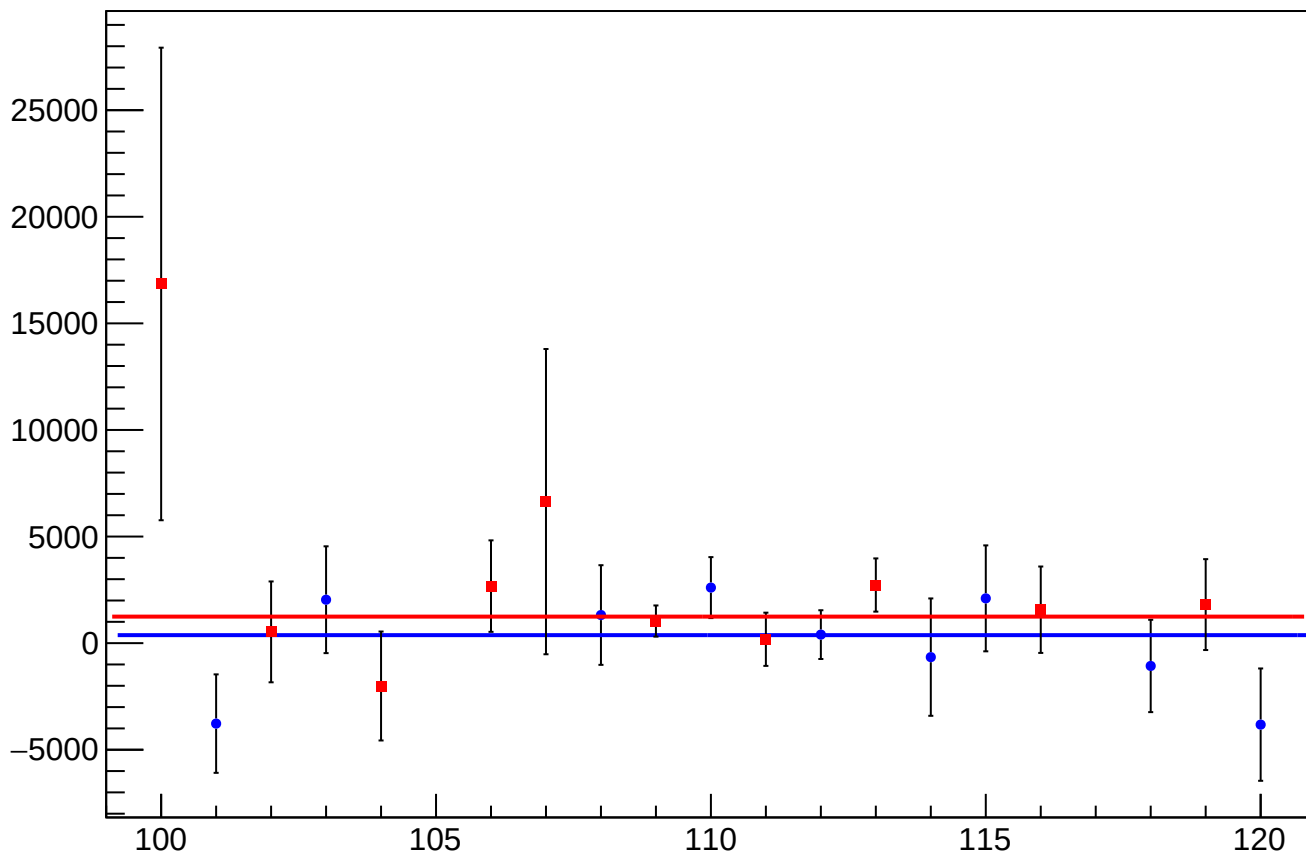
Right: 1872.154+/-0.487 χ^2/NDF : 400290.9/18

In: 1875.691+/-0.707 χ^2/NDF : 281672.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1872.154+/-0.487 χ^2/NDF : 400290.9/18

asym_us_dd_atlr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 375.371+/-640.844 χ^2/NDF : 9.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1244.682+/-488.052 χ^2/NDF : 7.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

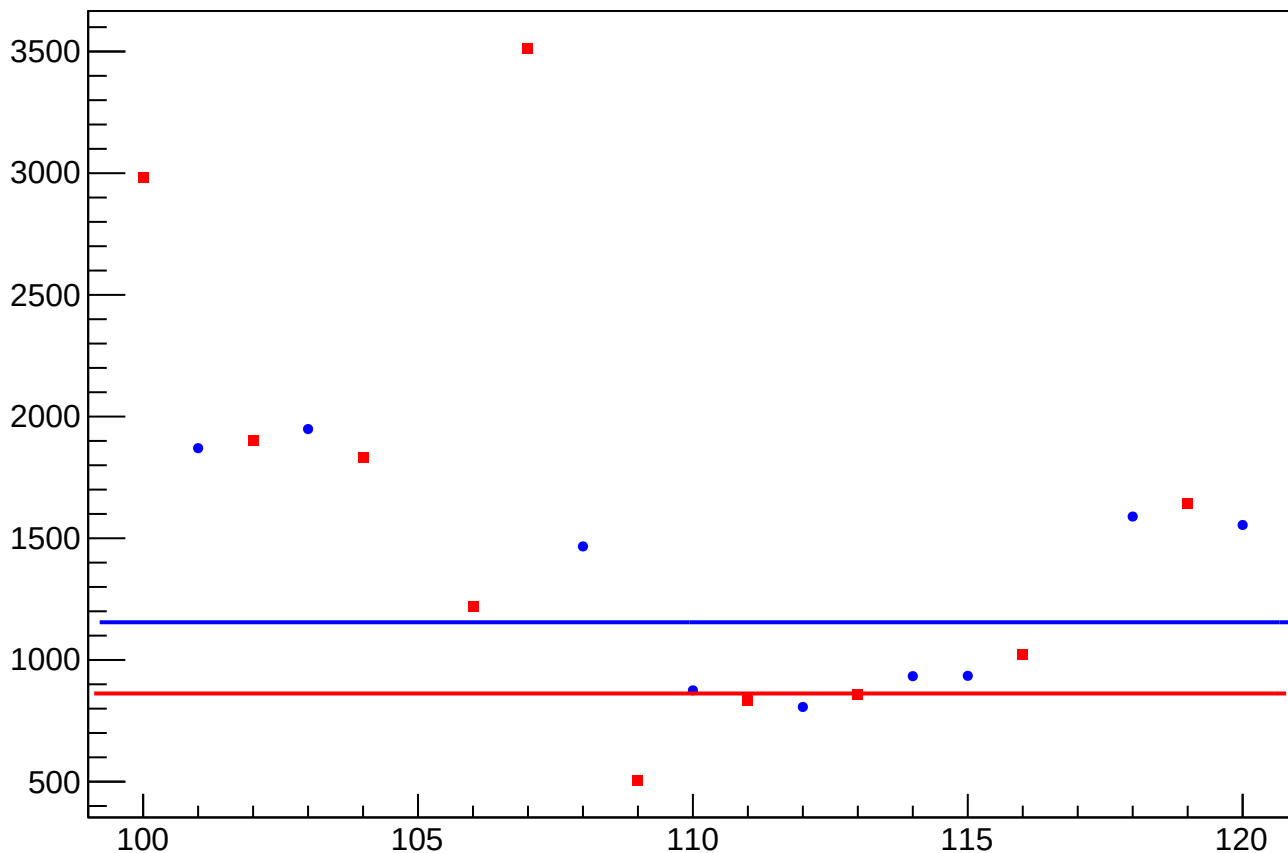
Right: 925.568+/-388.274 χ^2/NDF : 18.1/18

In: 375.371+/-640.844 χ^2/NDF : 9.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 925.568+/-388.274 χ^2/NDF : 18.1/18

asym_us_dd_atlr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1154.909+/-0.453 χ^2/NDF : 845185.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 862.307+/-0.345 χ^2/NDF : 1841599.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

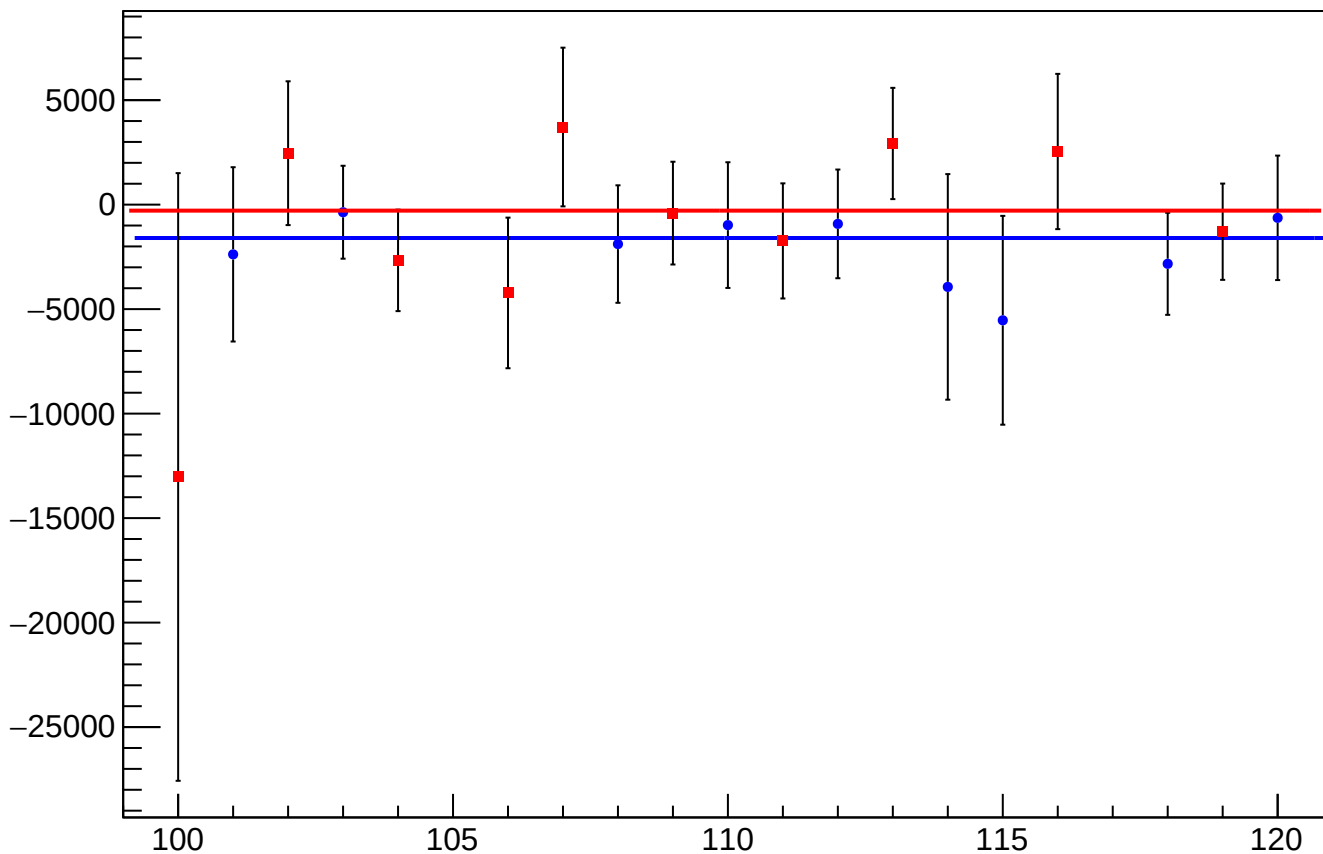
Right: 969.718+/-0.275 χ^2/NDF : 2950674.3/18

In: 1154.909+/-0.453 χ^2/NDF : 845185.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 969.718+/-0.275 χ^2/NDF : 2950674.3/18

eigen_dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1597.048 $\pm$ 1000.185 χ^2 /NDF: 1.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -287.246 $\pm$ 951.492 χ^2 /NDF: 7.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

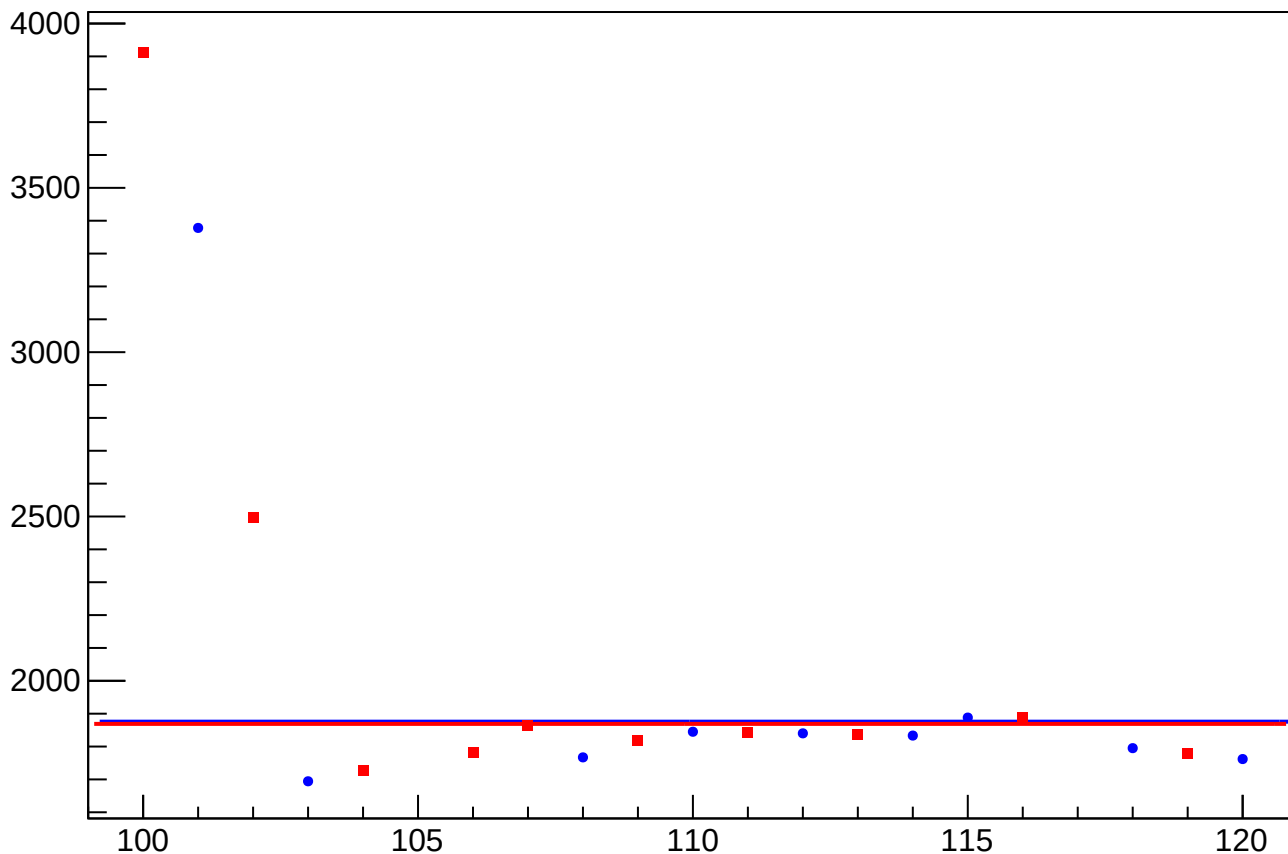
Right: -909.489 $\pm$ 689.378 χ^2 /NDF: 9.7/18

In: -1597.048 $\pm$ 1000.185 χ^2 /NDF:1.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -909.489 $\pm$ 689.378 χ^2 /NDF: 9.7/18

eigen_dit_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1875.692+/-0.707 χ^2/NDF : 281672.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1868.953+/-0.673 χ^2/NDF : 118570.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

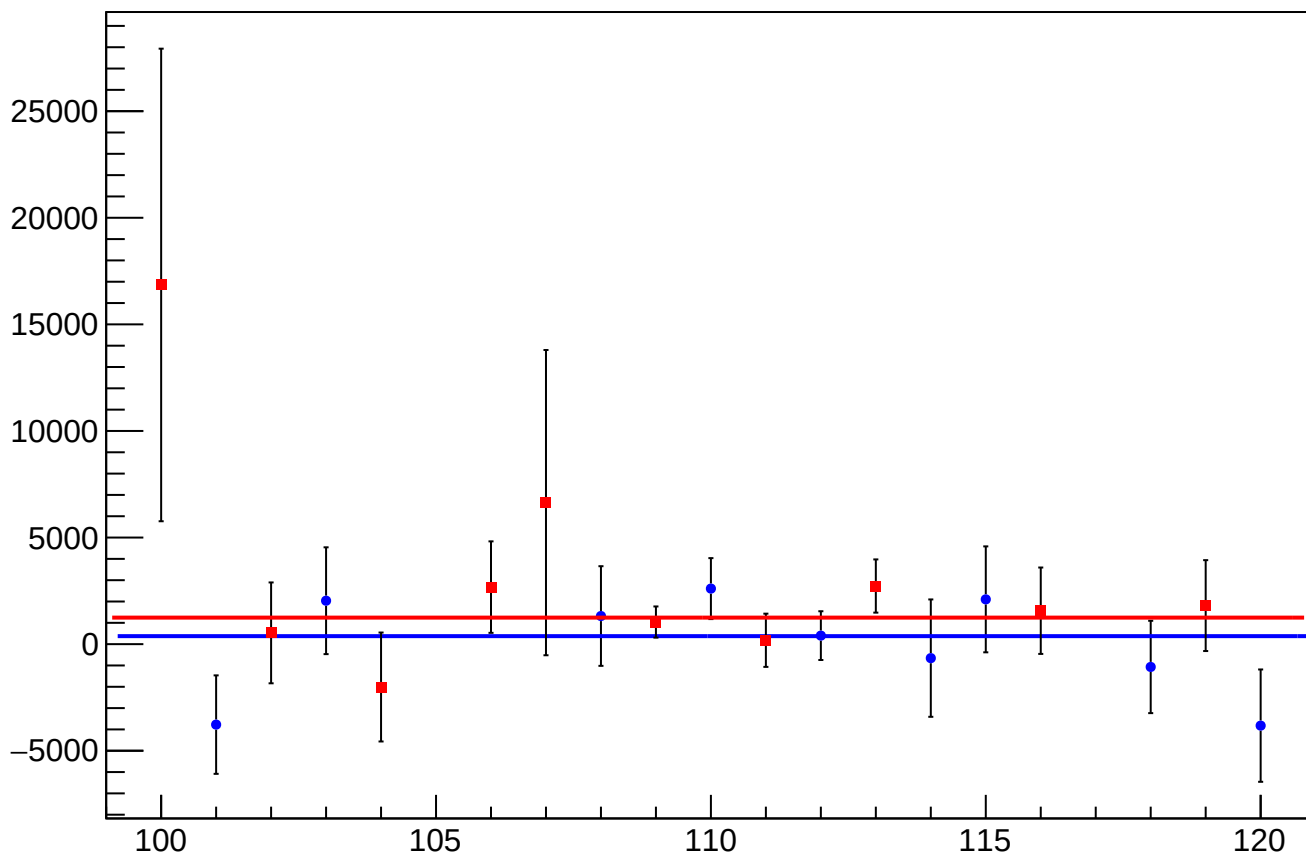
Right: 1872.154+/-0.487 χ^2/NDF : 400290.8/18

In: 1875.692+/-0.707 χ^2/NDF : 281672.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1872.154+/-0.487 χ^2/NDF : 400290.8/18

asym_us_dd_atlr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 375.373+/-640.841 χ^2/NDF : 9.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1244.680+/-488.051 χ^2/NDF : 7.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

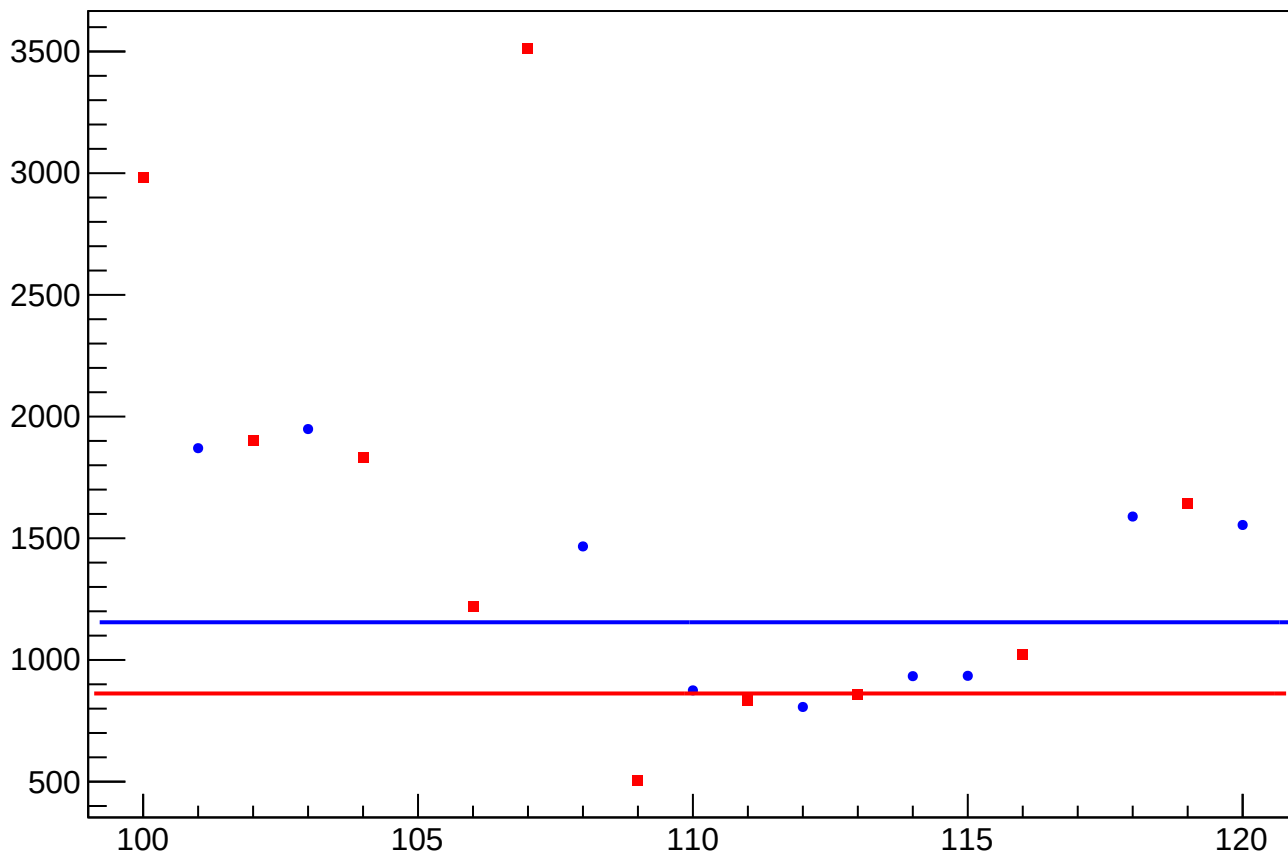
Right: 925.565+/-388.272 χ^2/NDF : 18.1/18

In: 375.373+/-640.841 χ^2/NDF :9.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 925.565+/-388.272 χ^2/NDF : 18.1/18

asym_us_dd_atlr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1154.902+/-0.453 χ^2/NDF : 845197.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 862.306+/-0.345 χ^2/NDF : 1841594.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

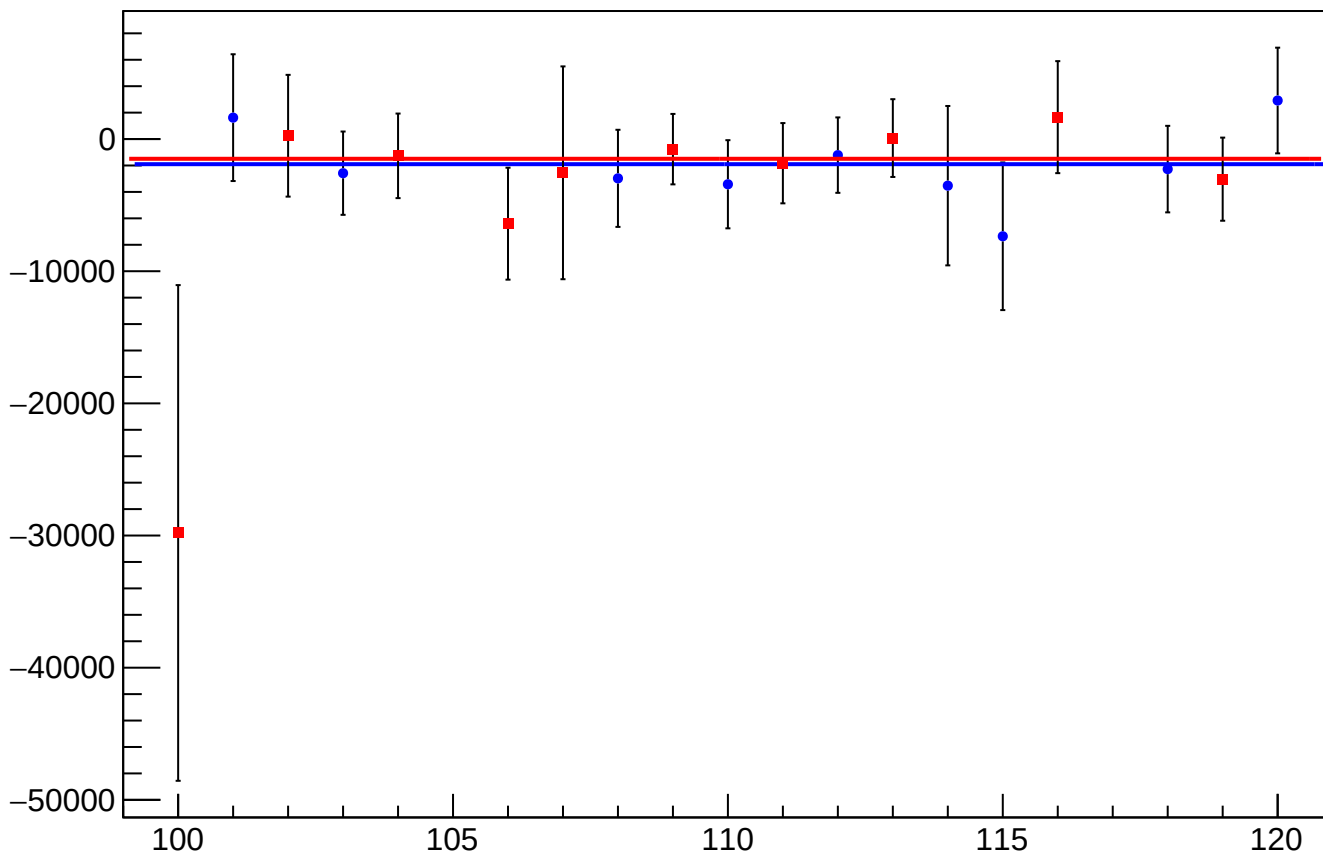
Right: 969.715+/-0.275 χ^2/NDF : 2950671.5/18

In: 1154.902+/-0.453 χ^2/NDF : 845197.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 969.715+/-0.275 χ^2/NDF : 2950671.5/18

asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1901.097+/-1243.855 χ^2/NDF : 3.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1492.422+/-1162.195 χ^2/NDF : 5.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

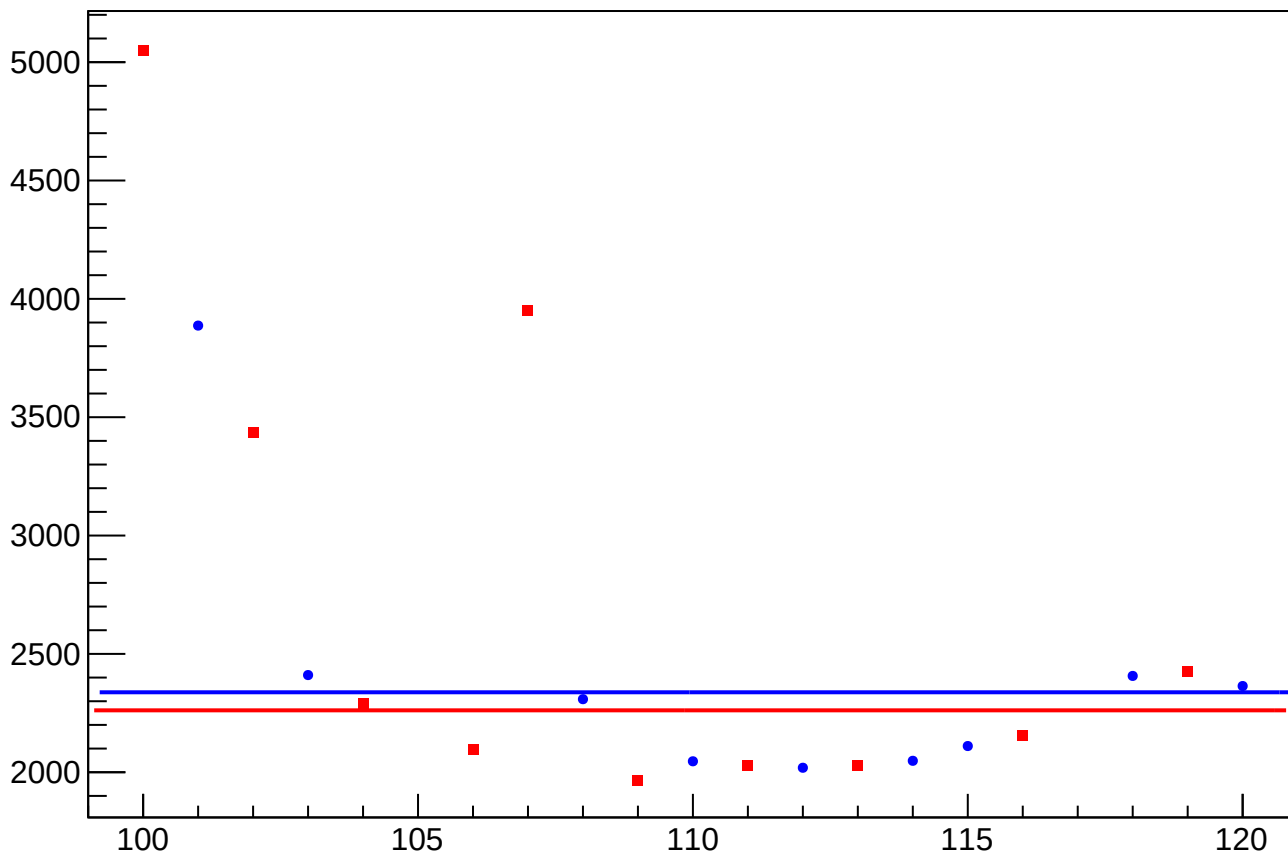
Right: -1682.905+/-849.198 χ^2/NDF : 8.4/18

In: -1901.097+/-1243.855 χ^2/NDF : 3.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1682.905+/-849.198 χ^2/NDF : 8.4/18

asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2337.806+/-0.880 χ^2/NDF : 258976.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2261.536+/-0.822 χ^2/NDF : 320802.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

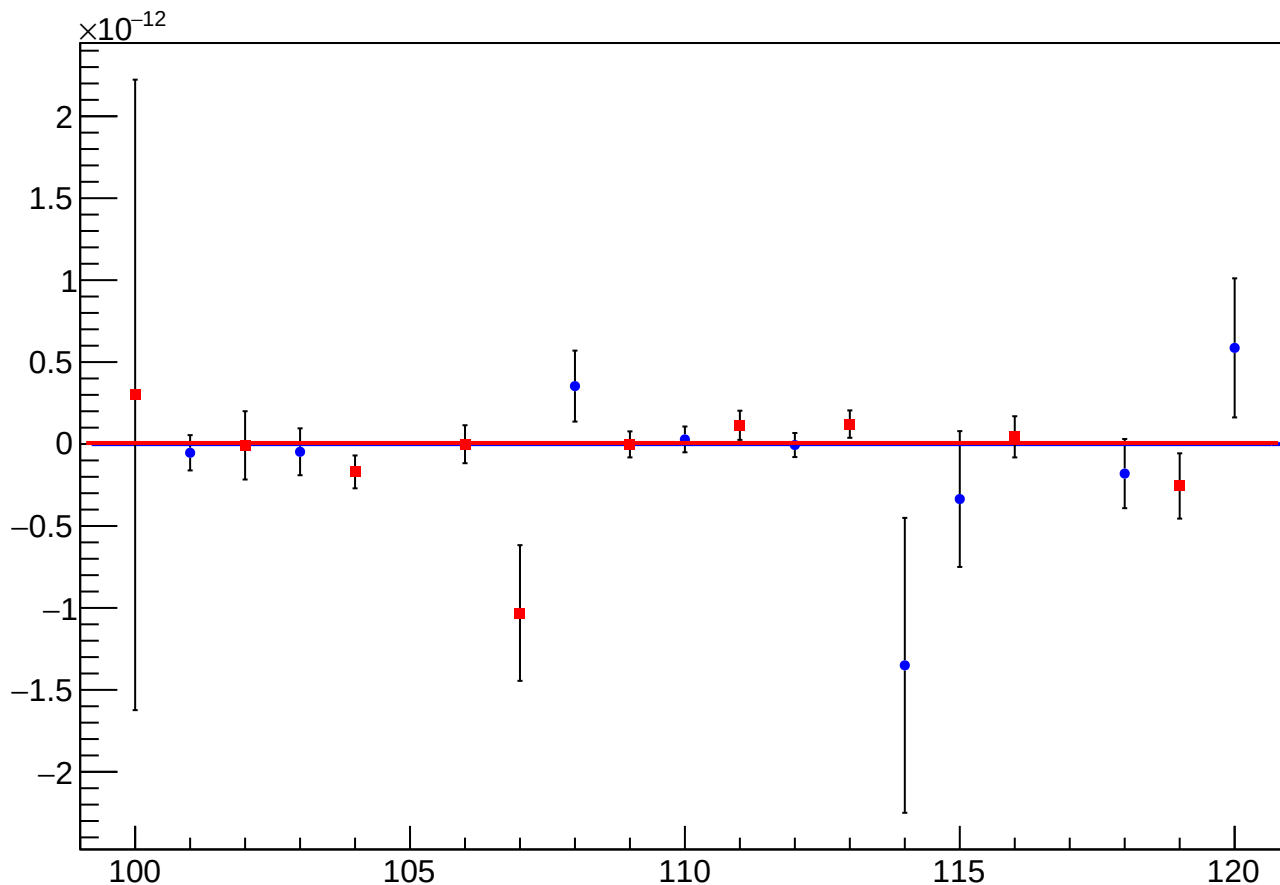
Right: 2297.085+/-0.600 χ^2/NDF : 583794.5/18

In: 2337.806+/-0.880 χ^2/NDF : 258976.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2297.085+/-0.600 χ^2/NDF : 583794.5/18

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

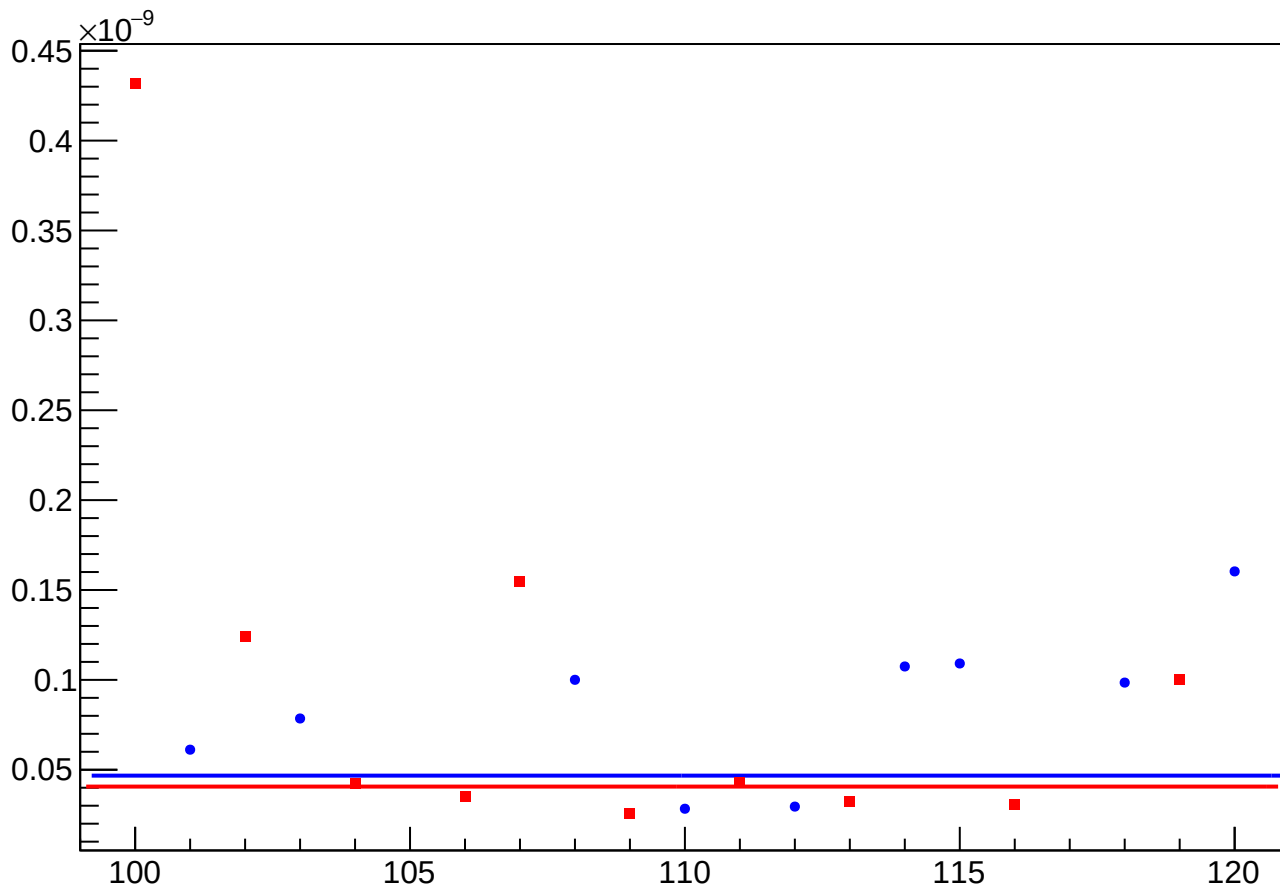
Right: 0.000+/-0.000 χ^2/NDF : 23.3/18

In: -0.000+/-0.000 χ^2/NDF :8.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.3/18

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 793268.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 843926.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

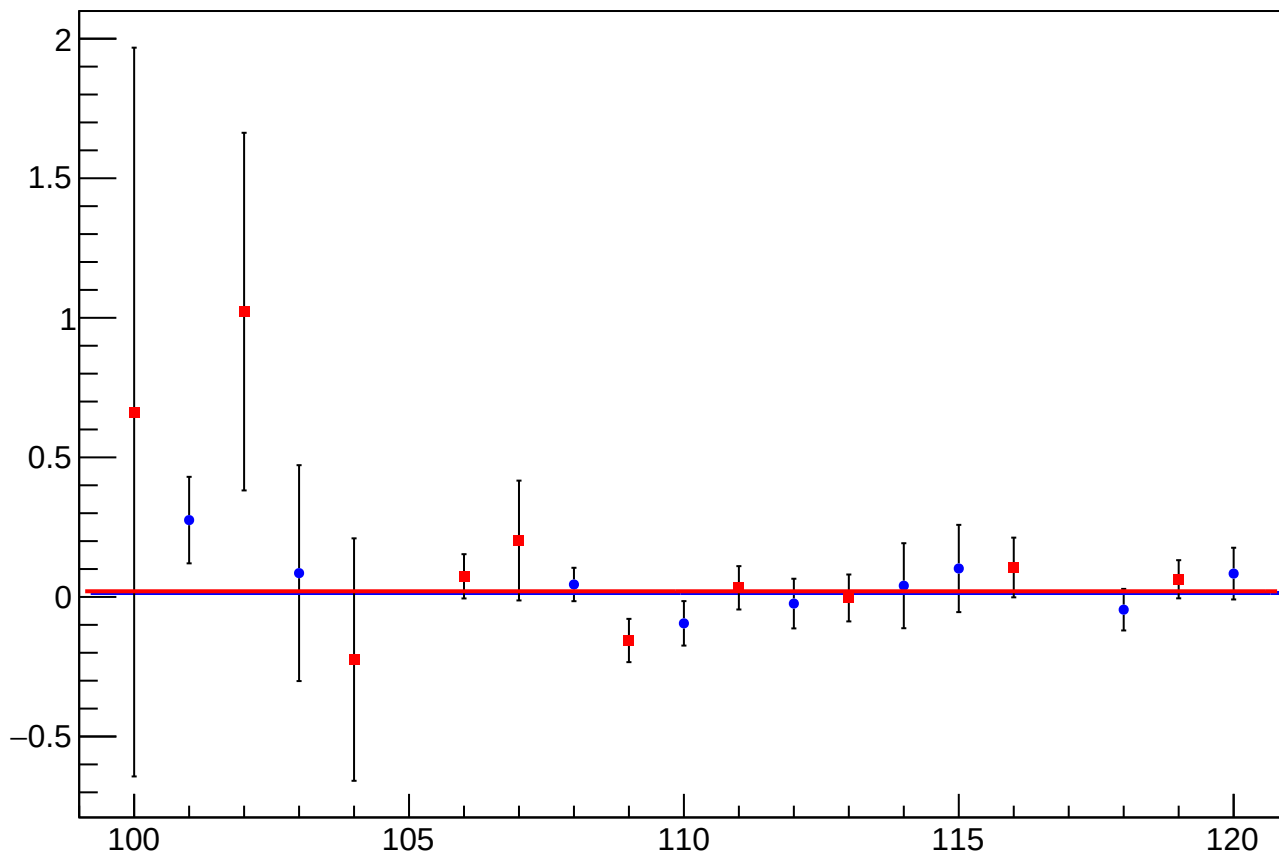
Right: 0.000+/-0.000 χ^2/NDF : 1660045.9/18

In: 0.000+/-0.000 χ^2/NDF : 793268.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1660045.9/18

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.032 χ^2/NDF : 6.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.020+/-0.032 χ^2/NDF : 10.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

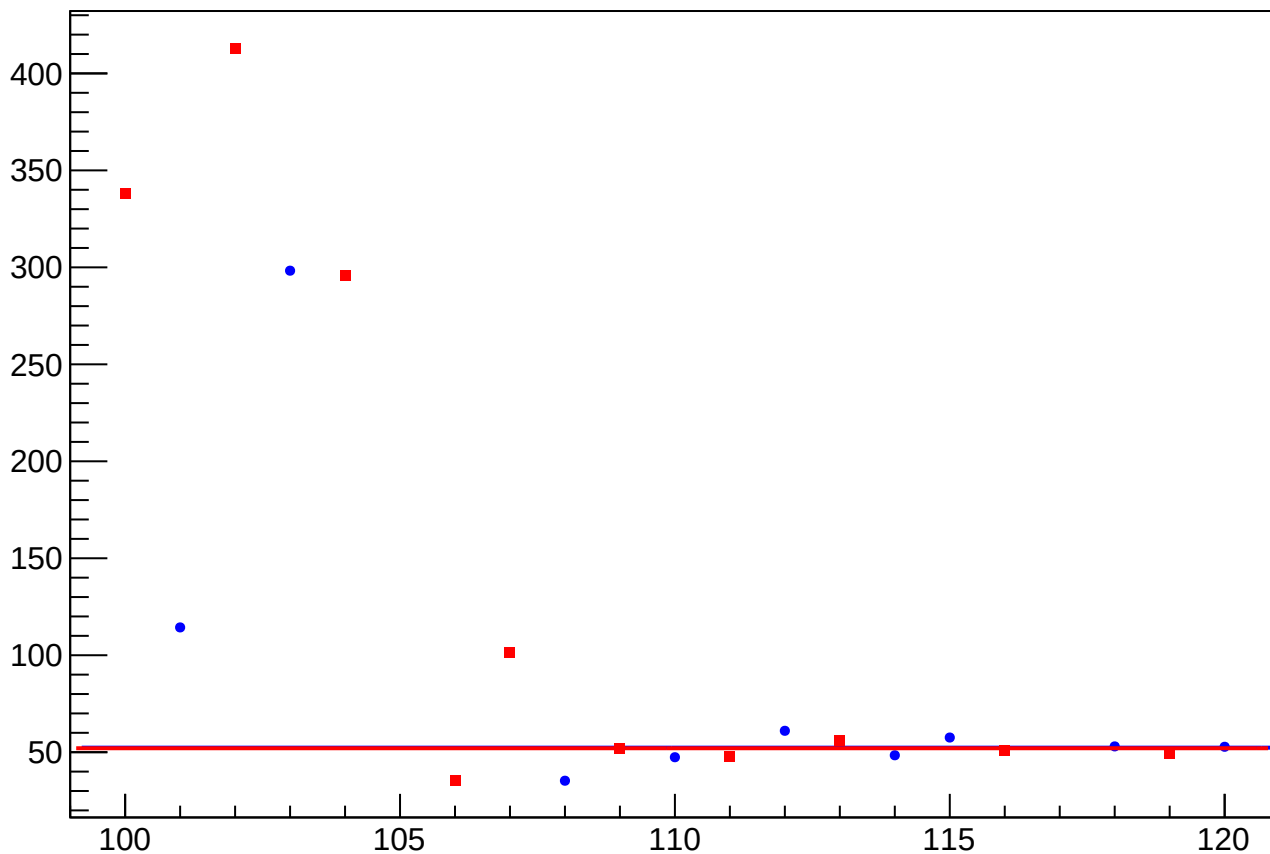
Right: 0.017+/-0.023 χ^2/NDF : 17.2/18

In: 0.014+/-0.032 χ^2/NDF : 6.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.023 χ^2/NDF : 17.2/18

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.342+/-0.022 χ^2/NDF : 1321913.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.044+/-0.023 χ^2/NDF : 1570533.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

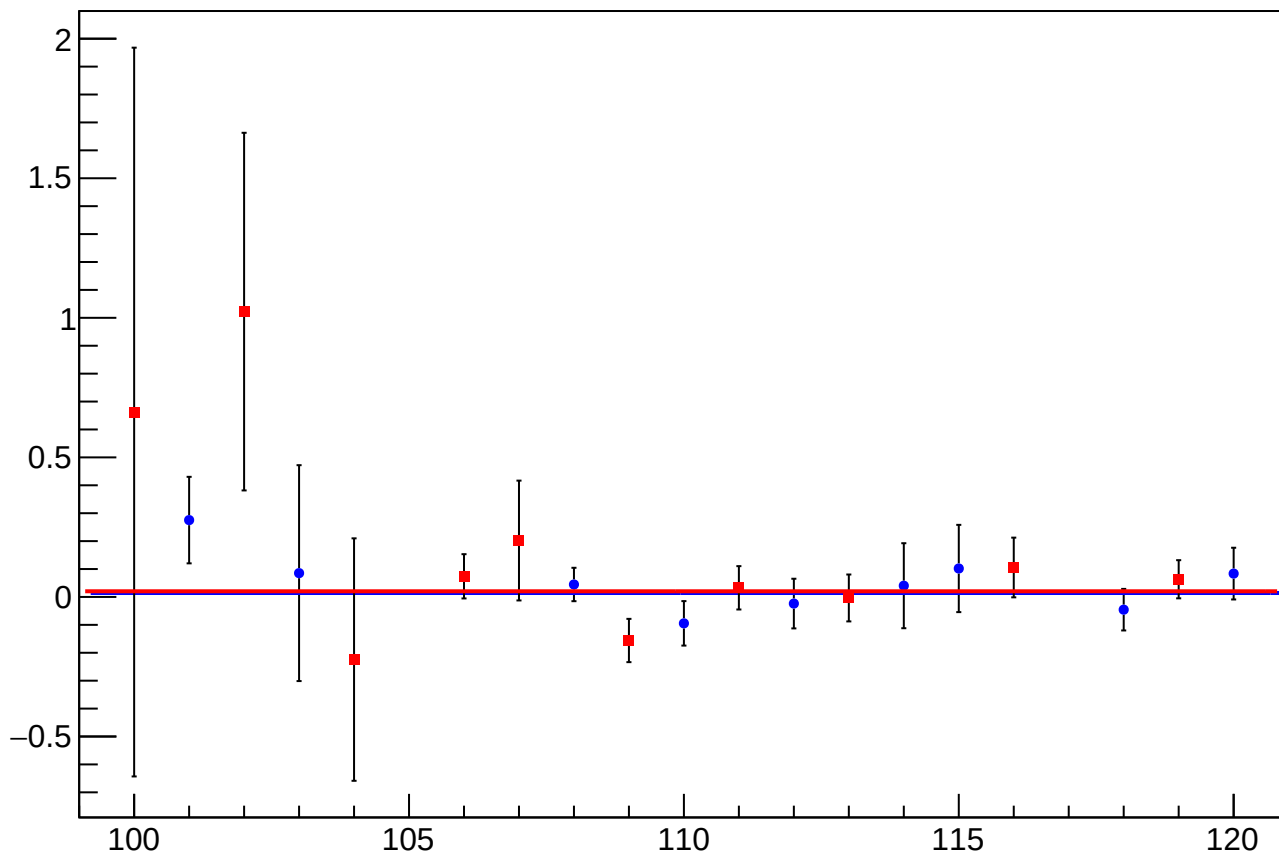
Right: 52.195+/-0.016 χ^2/NDF : 2892534.0/18

In: 52.342+/-0.022 χ^2/NDF : 1321913.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.195+/-0.016 χ^2/NDF : 2892534.0/18

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.032 χ^2/NDF : 6.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.020+/-0.032 χ^2/NDF : 10.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

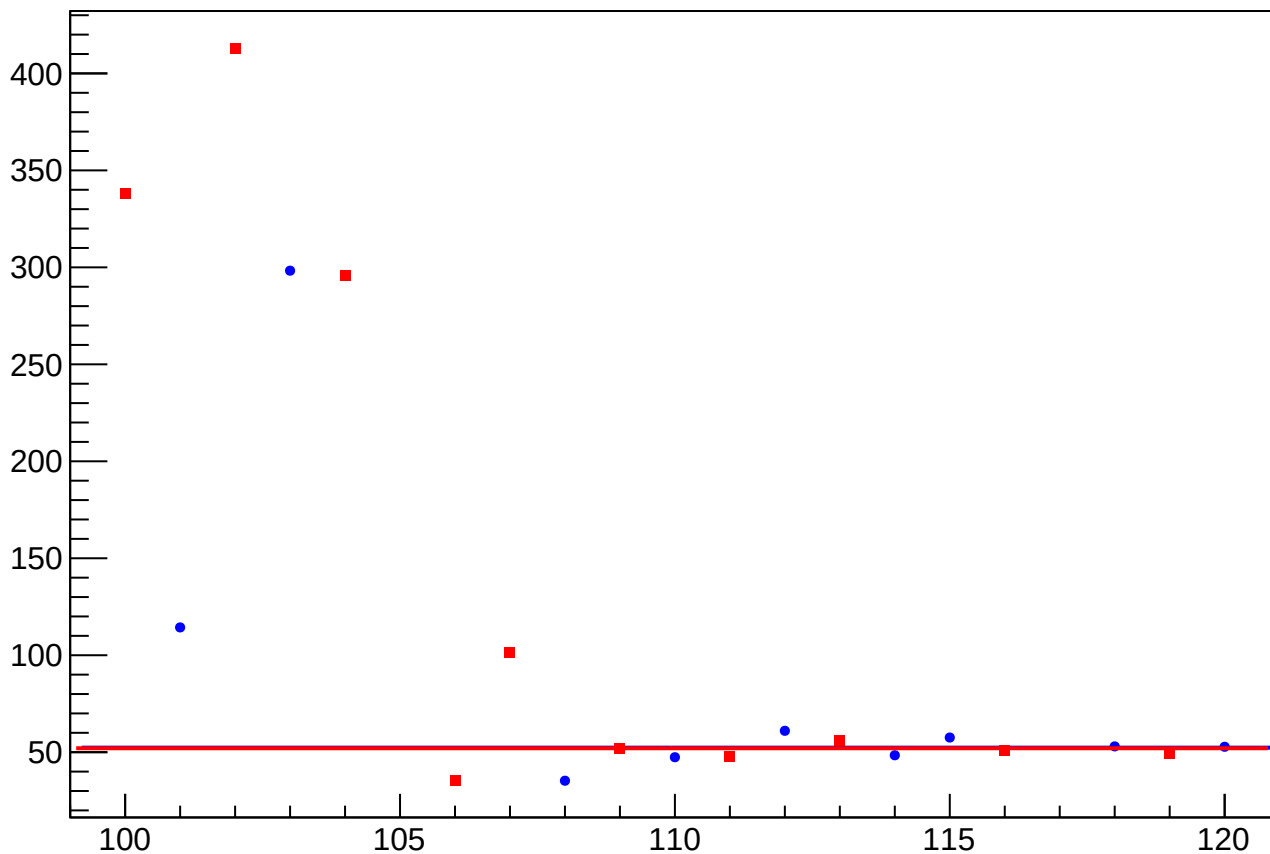
Right: 0.017+/-0.023 χ^2/NDF : 17.2/18

In: 0.014+/-0.032 χ^2/NDF :6.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.017+/-0.023 χ^2/NDF : 17.2/18

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.342+/-0.022 χ^2/NDF : 1321913.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.044+/-0.023 χ^2/NDF : 1570533.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

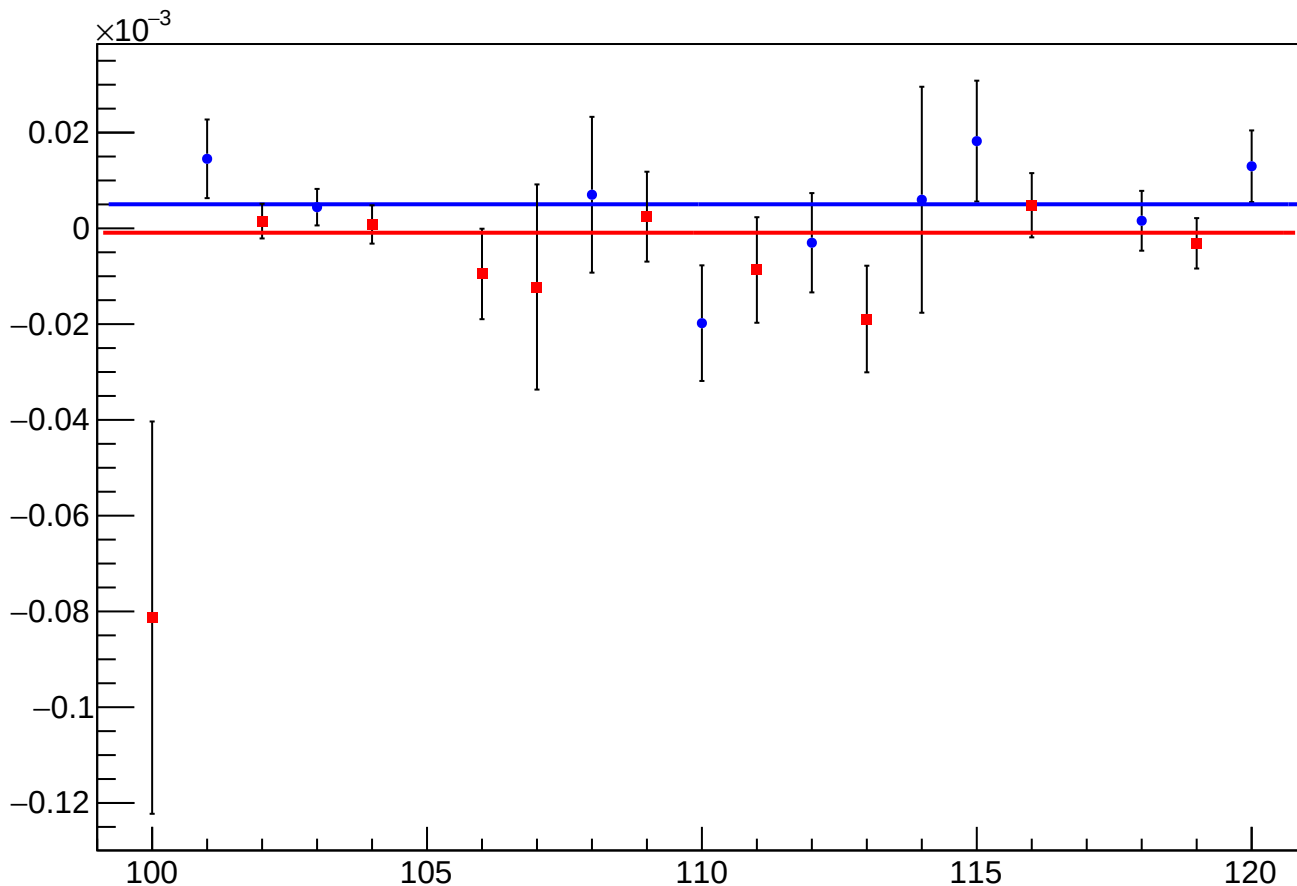
Right: 52.195+/-0.016 χ^2/NDF : 2892534.0/18

In: 52.342+/-0.022 χ^2/NDF : 1321913.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.195+/-0.016 χ^2/NDF : 2892534.0/18

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 : 8.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

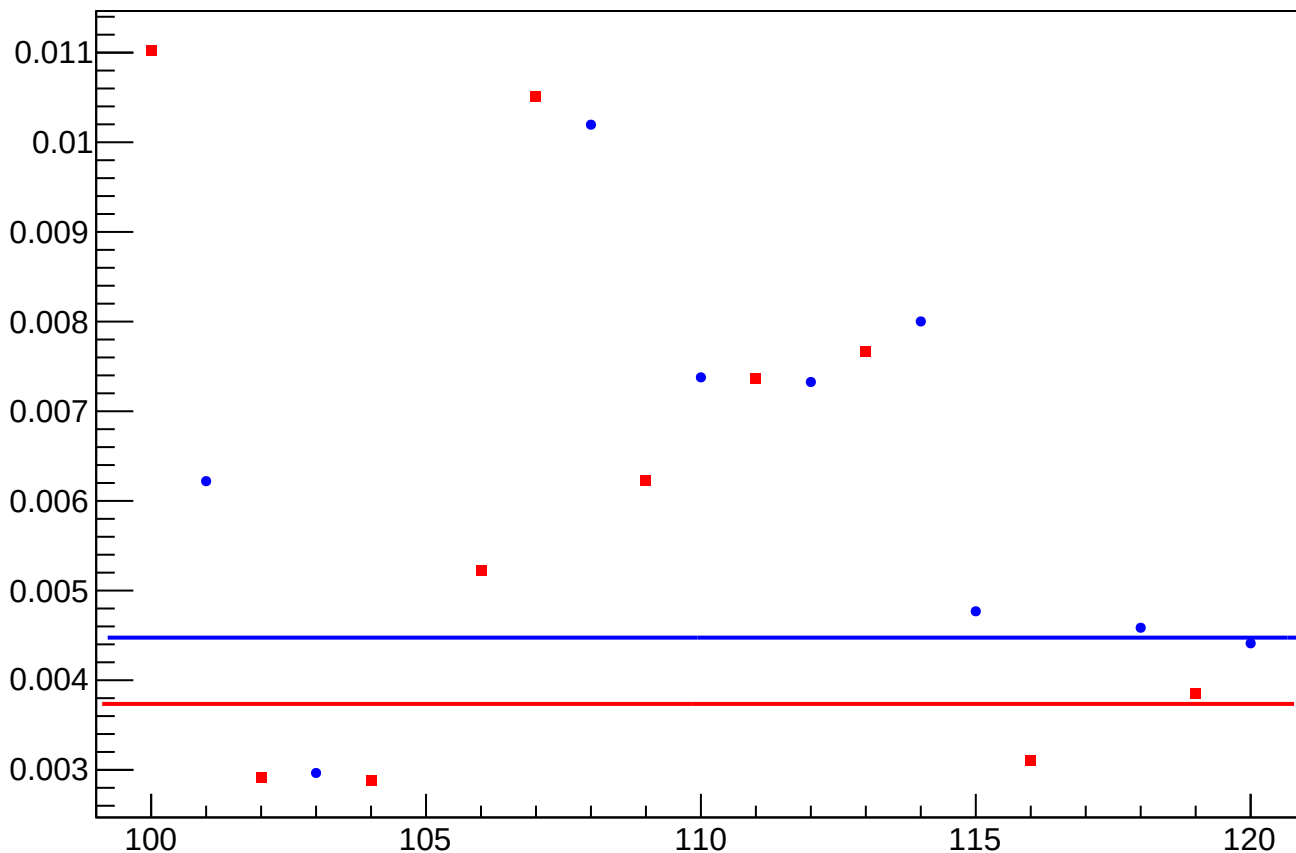
Right: 0.000+/-0.000 χ^2/NDF : 21.8/18

In: 0.000+/-0.000 χ^2/NDF : 8.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.8/18

asym_us_dd_atlr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 964363.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 1131246.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

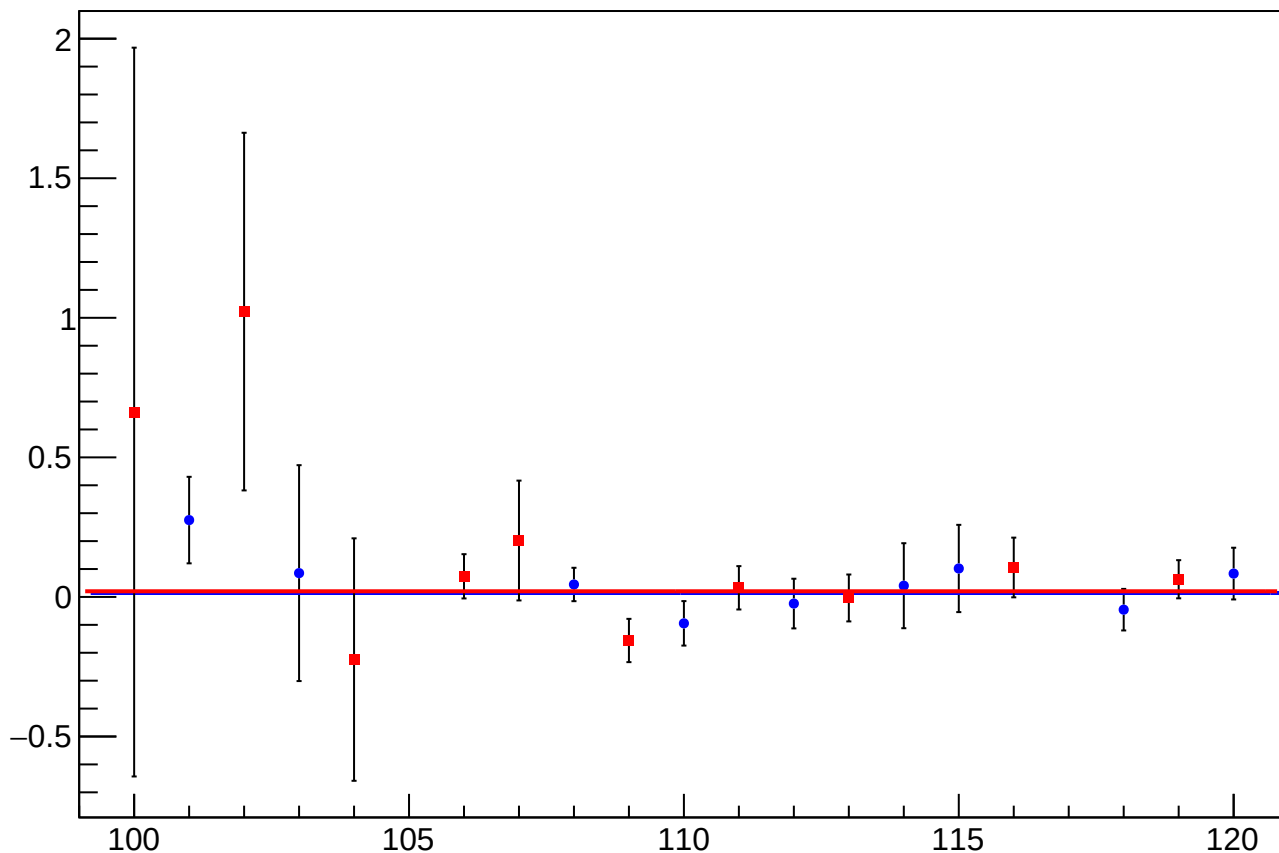
Right: 0.004+/-0.000 χ^2/NDF : 2198344.3/18

In: 0.004+/-0.000 χ^2/NDF : 964363.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 2198344.3/18

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.032 χ^2/NDF : 6.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.020+/-0.032 χ^2/NDF : 10.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

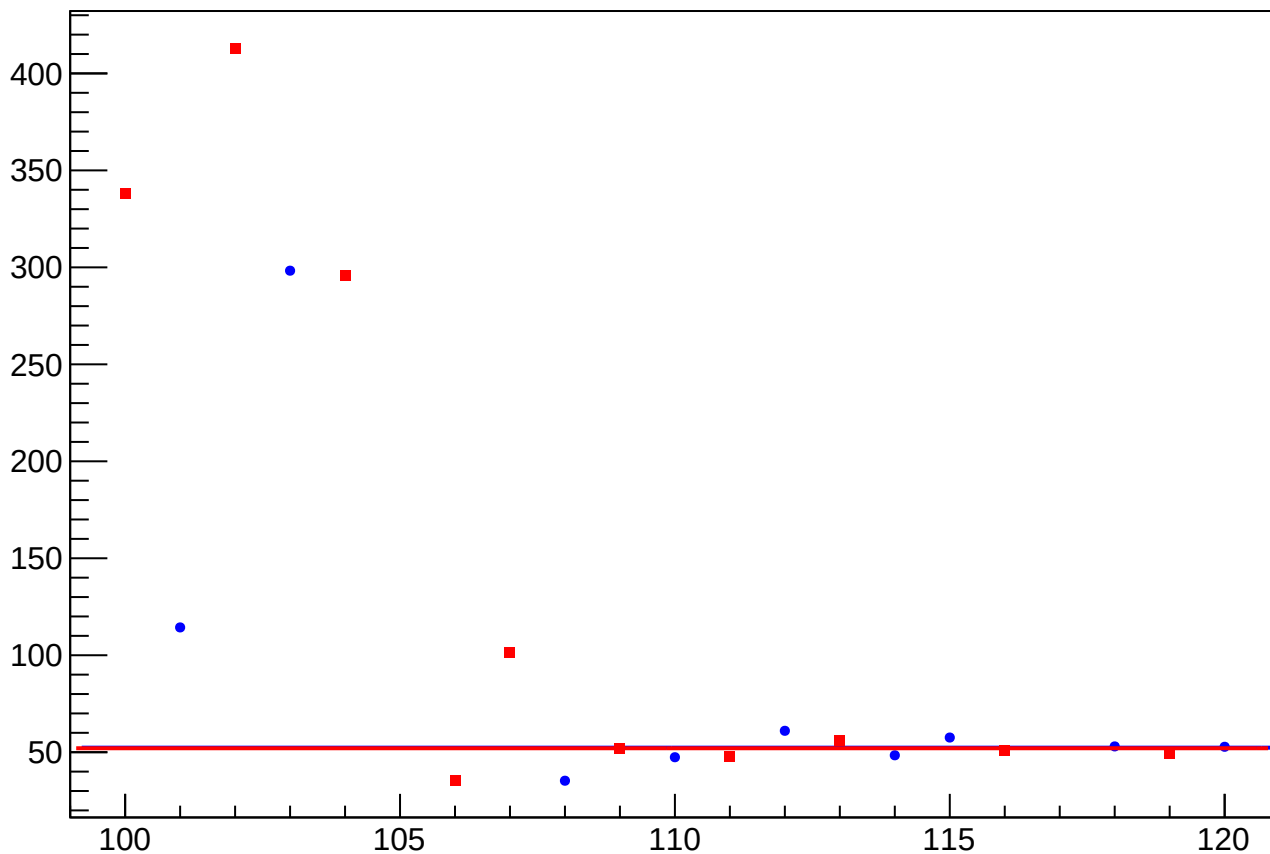
Right: 0.017+/-0.023 χ^2/NDF : 17.2/18

In: 0.014+/-0.032 χ^2/NDF : 6.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.023 χ^2/NDF : 17.2/18

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.344+/-0.022 χ^2/NDF : 1321837.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.044+/-0.023 χ^2/NDF : 1570518.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

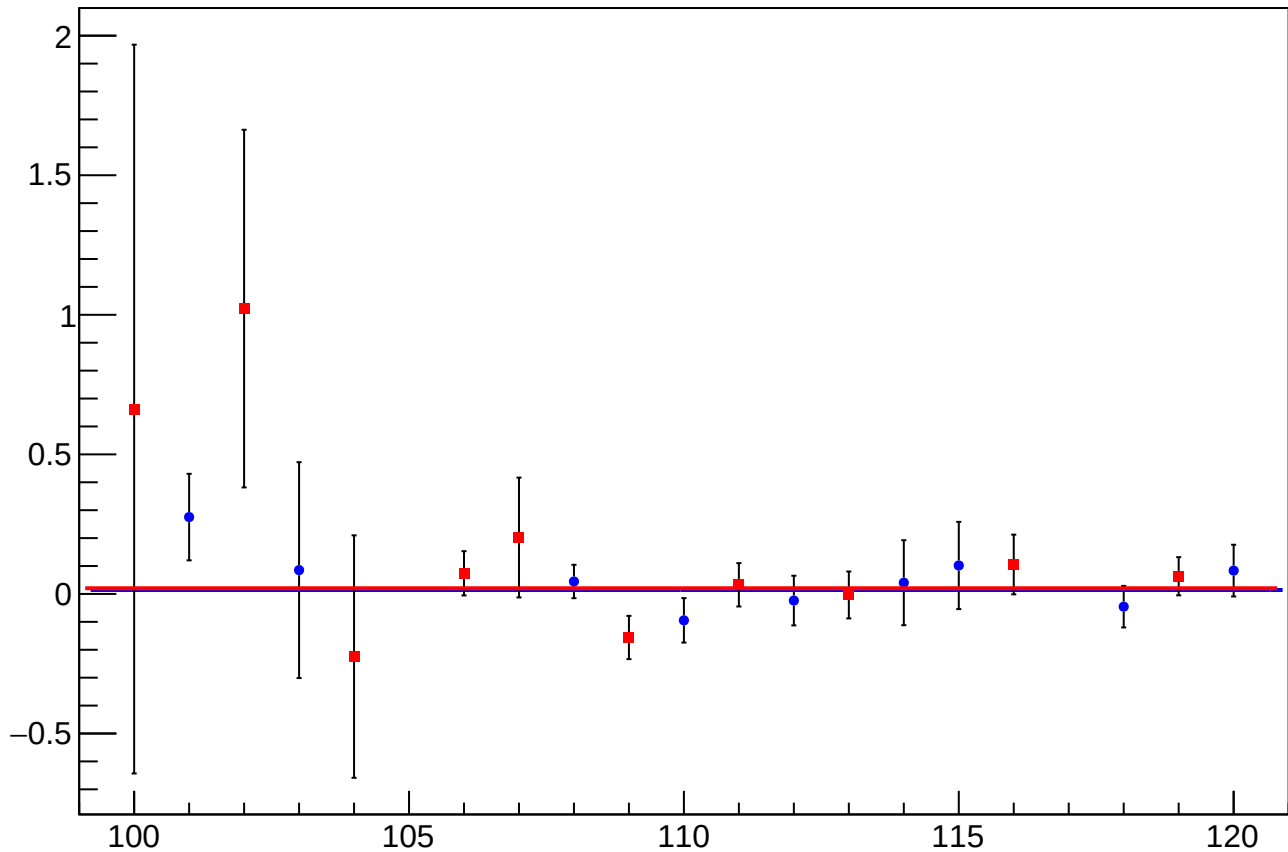
Right: 52.196+/-0.016 χ^2/NDF : 2892443.3/18

In: 52.344+/-0.022 χ^2/NDF : 1321837.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.196+/-0.016 χ^2/NDF : 2892443.3/18

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.032 χ^2/NDF : 6.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.020+/-0.032 χ^2/NDF : 10.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

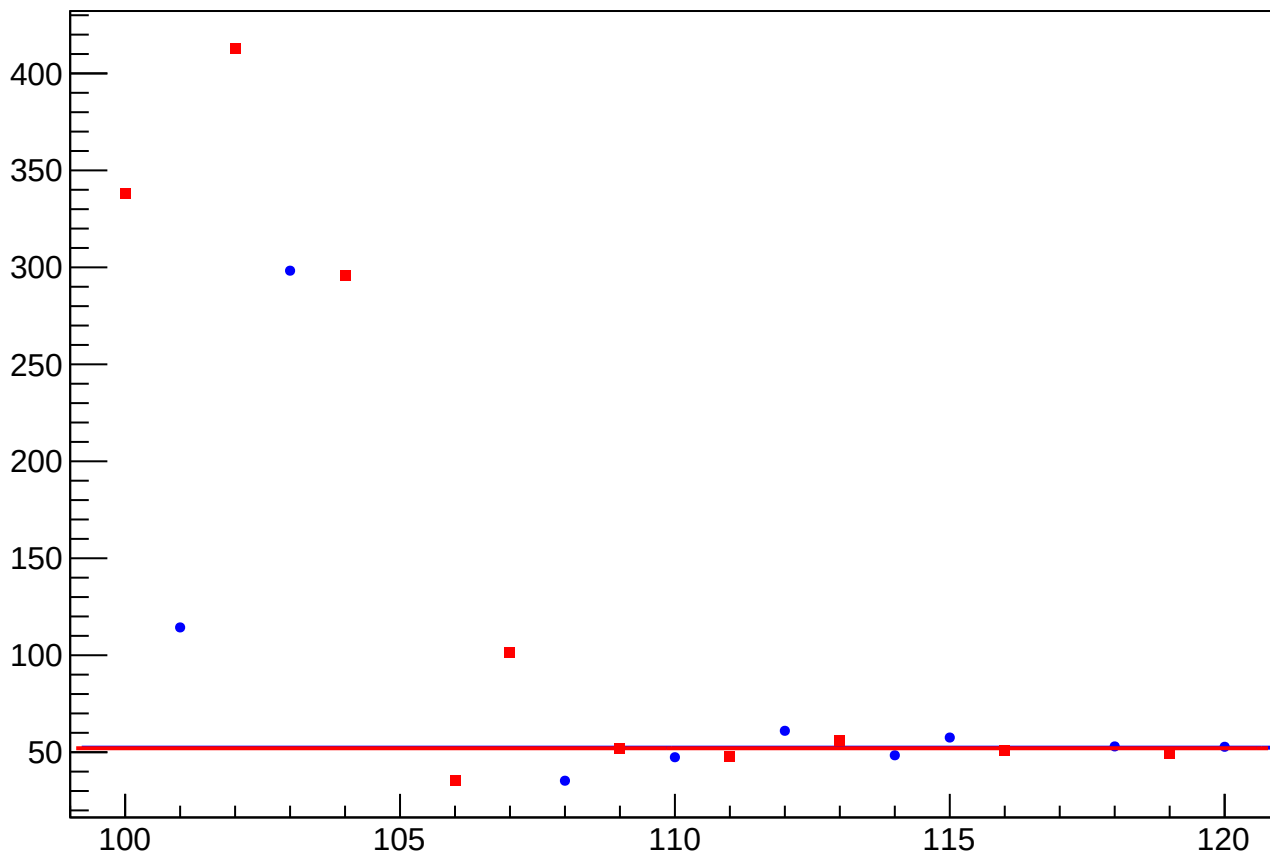
Right: 0.017+/-0.023 χ^2/NDF : 17.2/18

In: 0.014+/-0.032 χ^2/NDF : 6.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.023 χ^2/NDF : 17.2/18

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.344+/-0.022 χ^2/NDF : 1321837.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.044+/-0.023 χ^2/NDF : 1570518.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

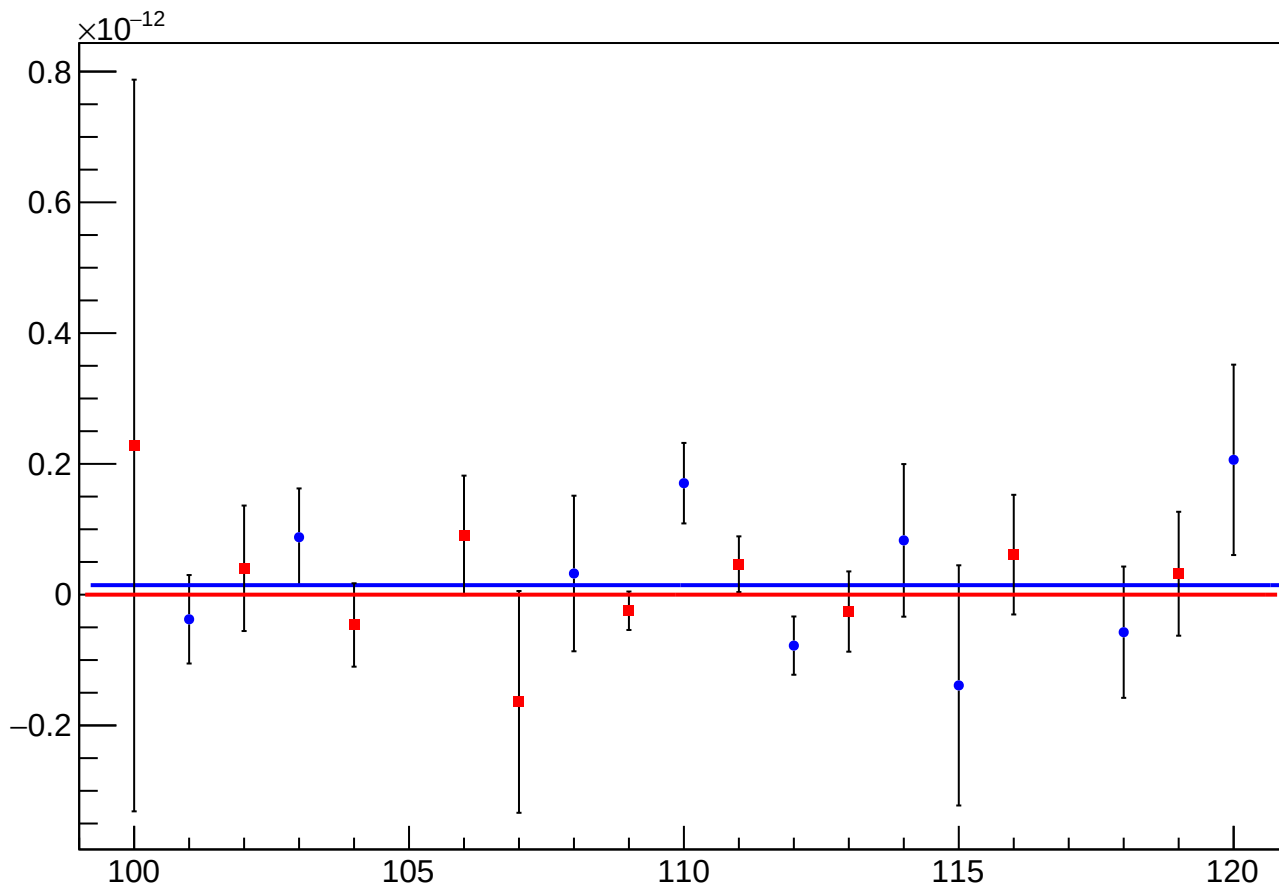
Right: 52.196+/-0.016 χ^2/NDF : 2892443.3/18

In: 52.344+/-0.022 χ^2/NDF : 1321837.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.196+/-0.016 χ^2/NDF : 2892443.3/18

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 : 15.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

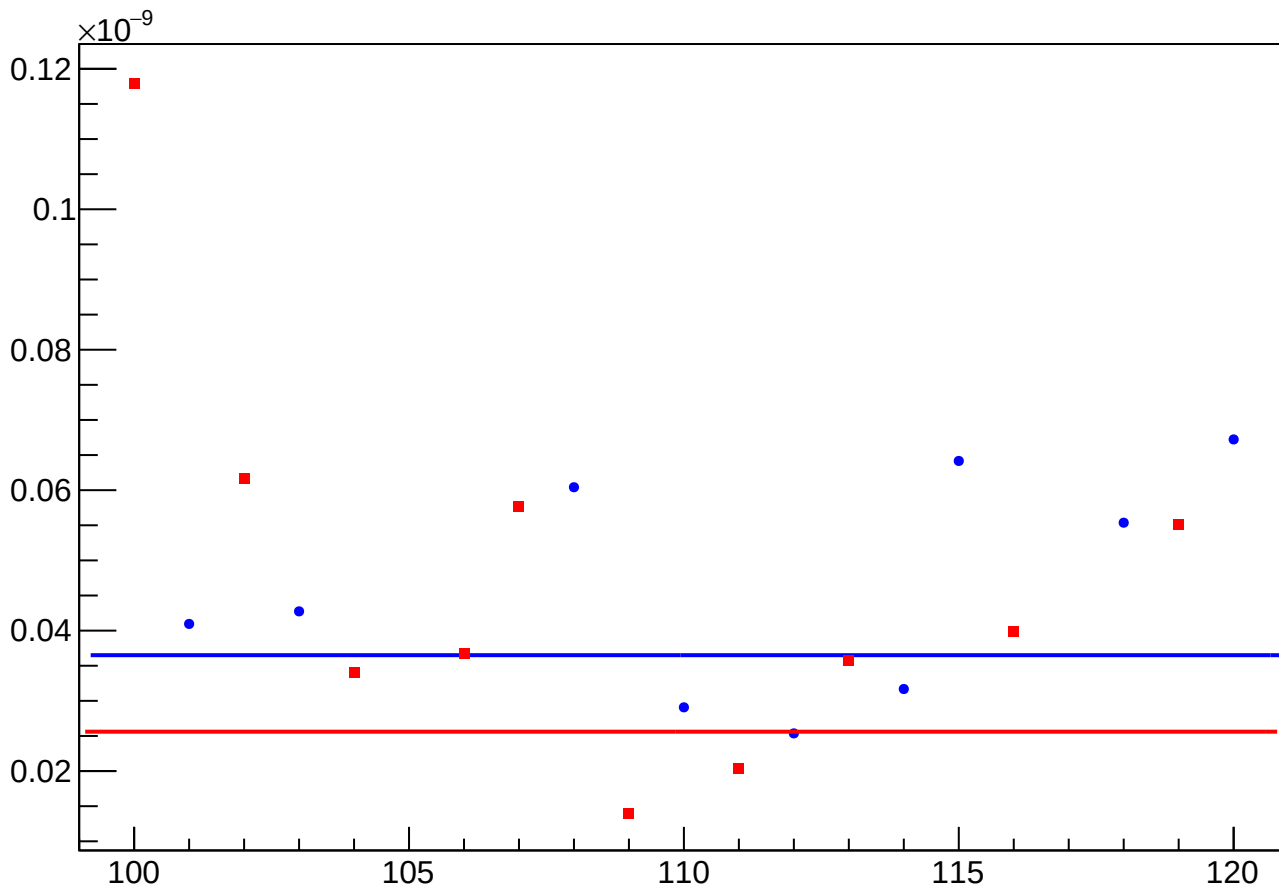
Right: 0.000+/-0.000 χ^2/NDF : 21.2/18

In: 0.000+/-0.000 χ^2/NDF : 15.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.2/18

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 : 465998.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1113725.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

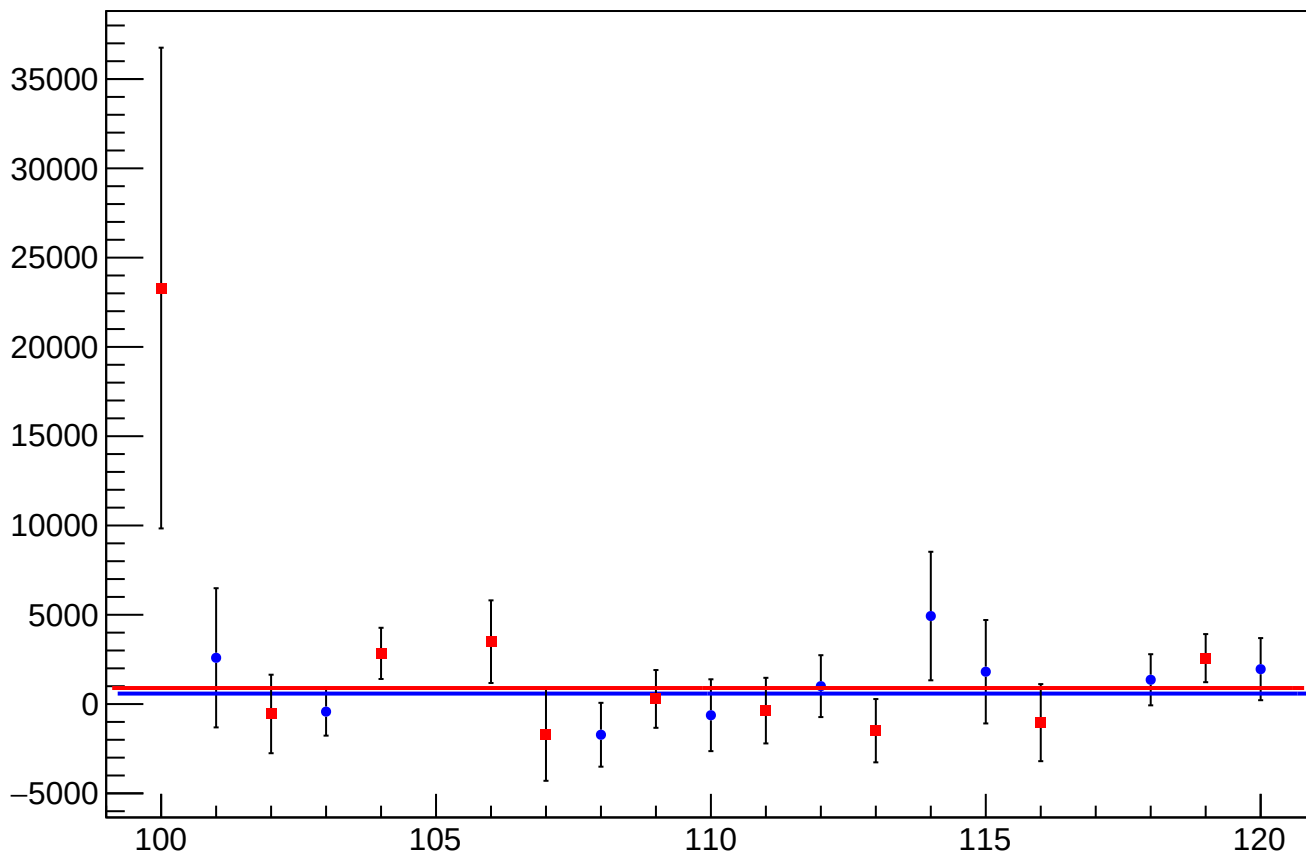
Right: 0.000+/-0.000 χ^2/NDF : 1807776.4/18

In: 0.000+/-0.000 χ^2/NDF :465998.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1807776.4/18

reg_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 587.183+/-629.008 χ^2/NDF : 5.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 898.562+/-597.929 χ^2/NDF : 12.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

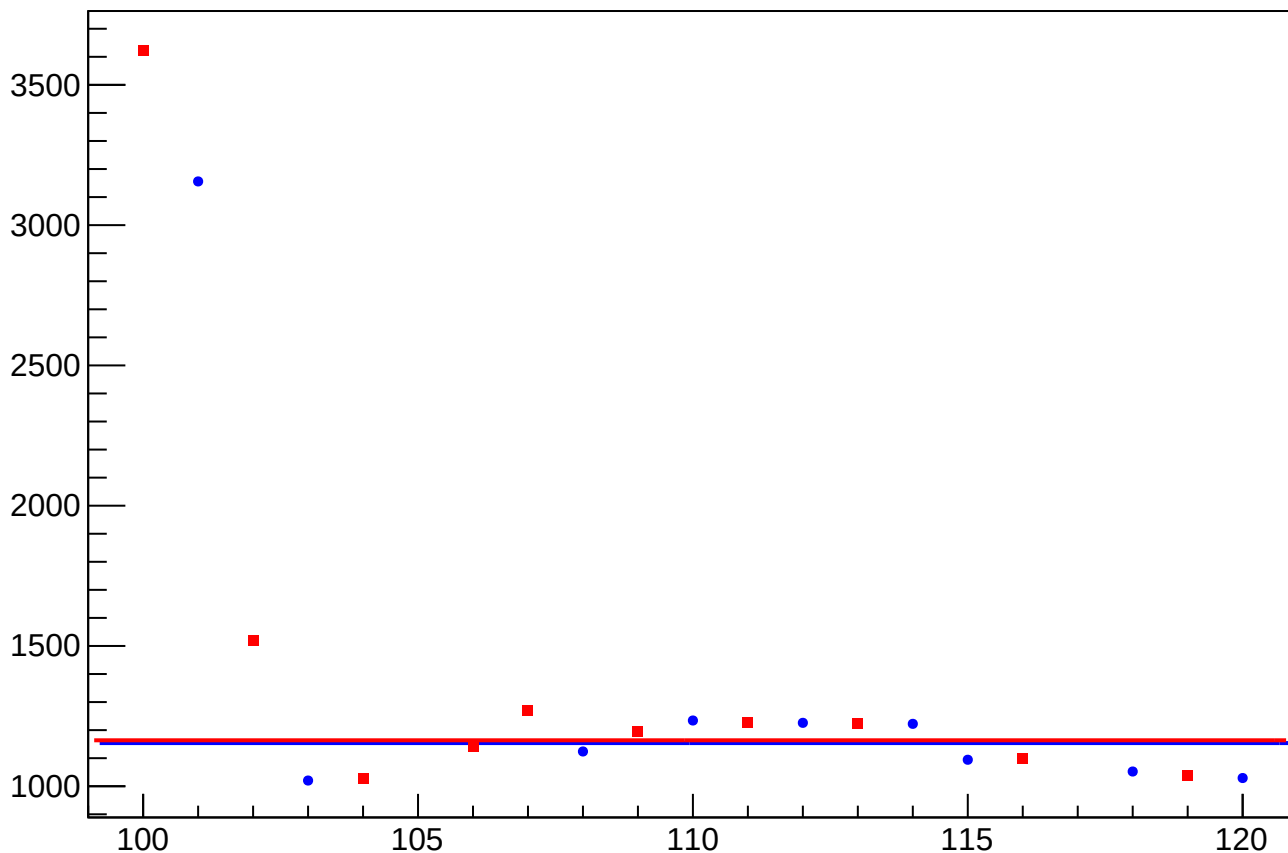
Right: 750.755+/-433.371 χ^2/NDF : 17.7/18

In: 587.183+/-629.008 χ^2/NDF : 5.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 750.755+/-433.371 χ^2/NDF : 17.7/18

reg_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1153.853+/-0.445 χ^2/NDF : 576636.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1163.757+/-0.423 χ^2/NDF : 165364.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

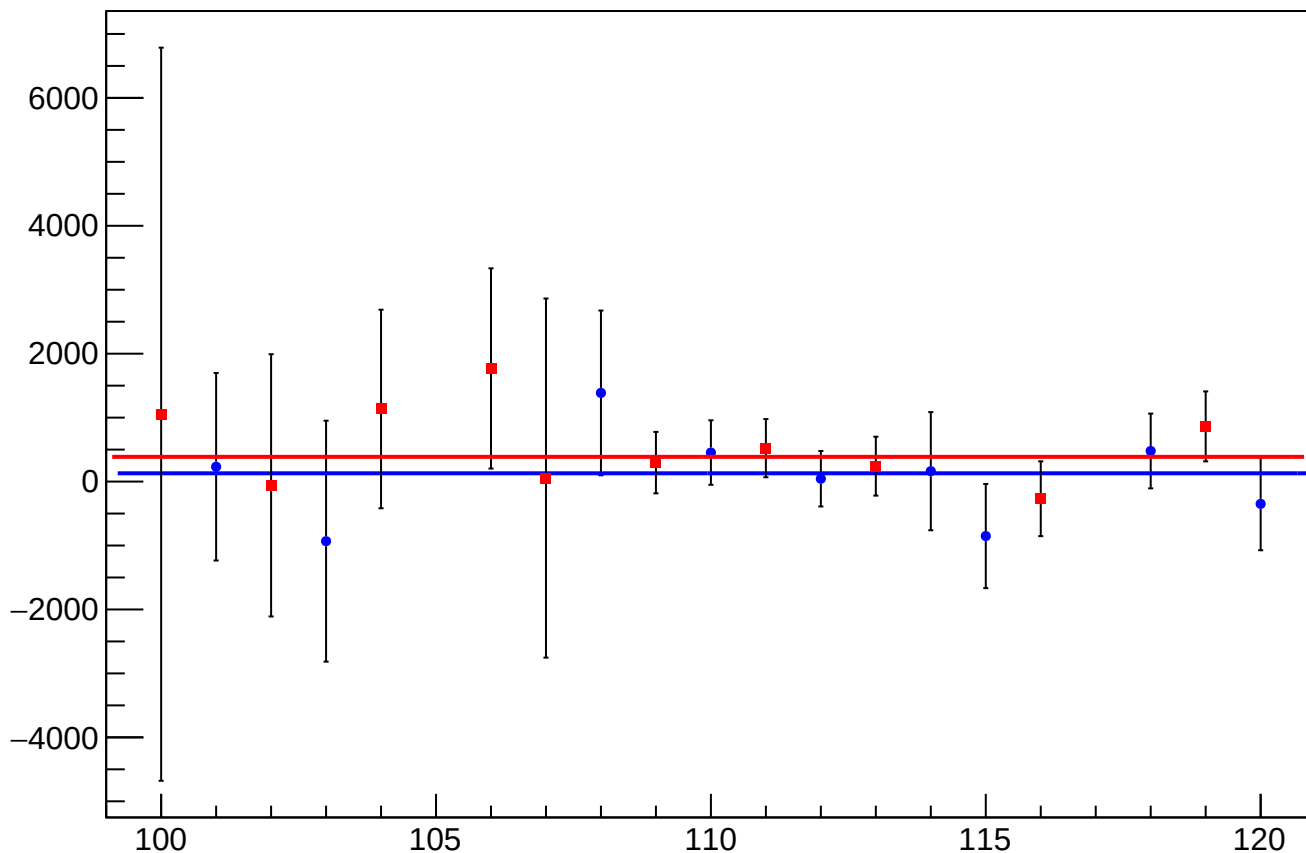
Right: 1159.055+/-0.306 χ^2/NDF : 742261.7/18

In: 1153.853+/-0.445 χ^2/NDF : 576636.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1159.055+/-0.306 χ^2/NDF : 742261.7/18

asym_us_dd_atlr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 129.346+/-235.049 χ^2/NDF : 4.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 386.810+/-216.420 χ^2/NDF : 3.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

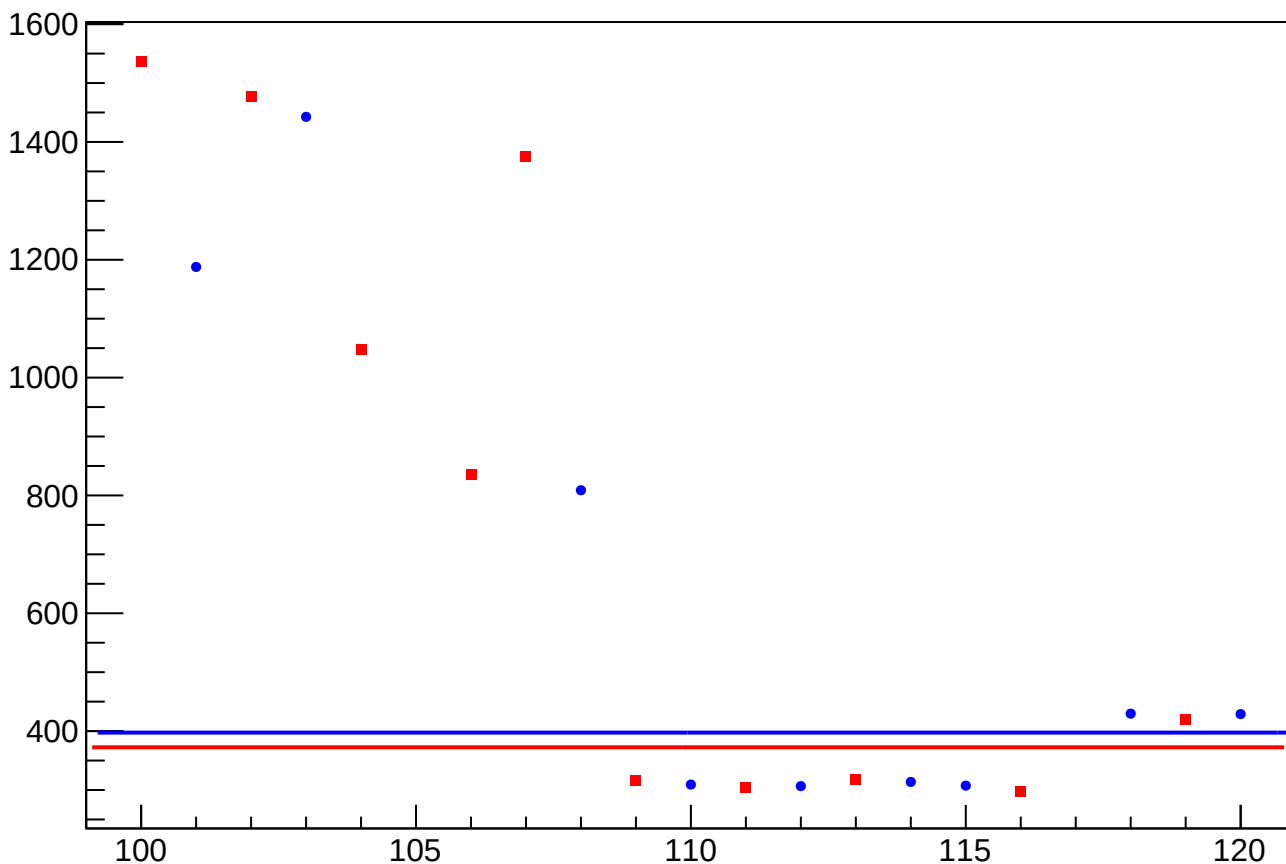
Right: 268.684+/-159.211 χ^2/NDF : 7.9/18

In: 129.346+/-235.049 χ^2/NDF :4.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 268.684+/-159.211 χ^2/NDF : 7.9/18

asym_us_dd_atlr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 397.432+/-0.166 χ^2/NDF : 1600035.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 372.466+/-0.153 χ^2/NDF : 1621964.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

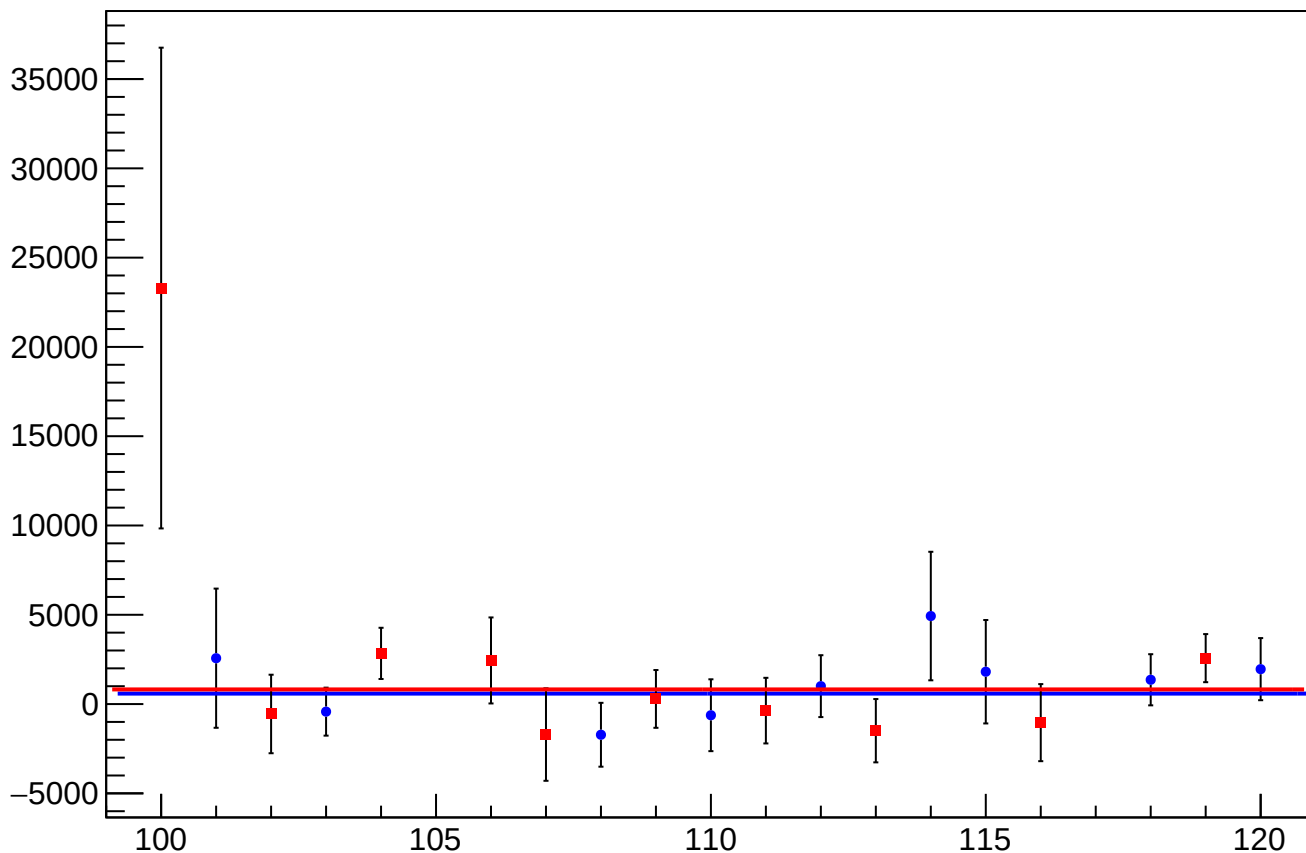
Right: 383.921+/-0.113 χ^2/NDF : 3234210.9/18

In: 397.432+/-0.166 χ^2/NDF :1600035.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 383.921+/-0.113 χ^2/NDF : 3234210.9/18

cor_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 586.465+/-629.009 χ^2/NDF : 5.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 820.027+/-599.475 χ^2/NDF : 11.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

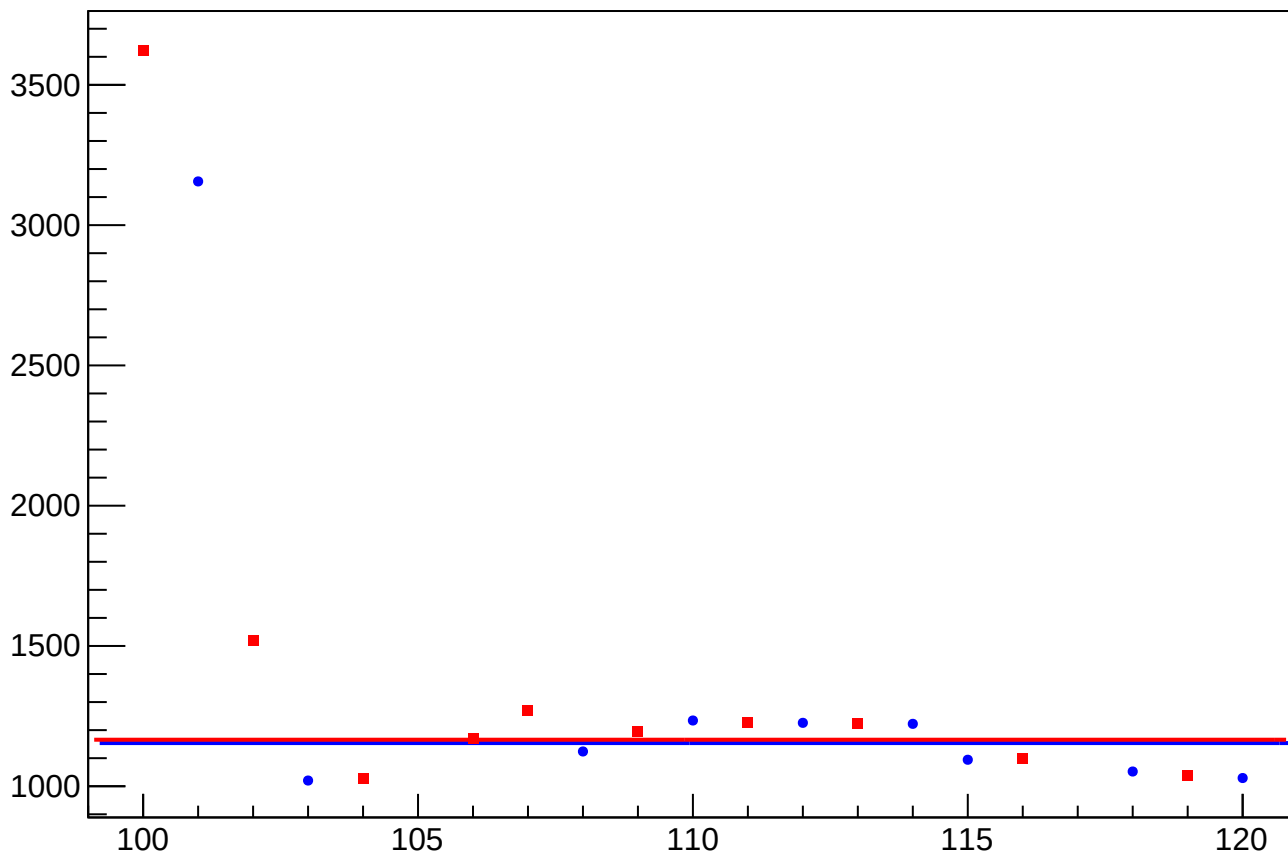
Right: 708.858+/-433.958 χ^2/NDF : 16.8/18

In: 586.465+/-629.009 χ^2/NDF : 5.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 708.858+/-433.958 χ^2/NDF : 16.8/18

cor_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1153.852+/-0.445 χ^2/NDF : 576637.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1165.820+/-0.424 χ^2/NDF : 165159.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

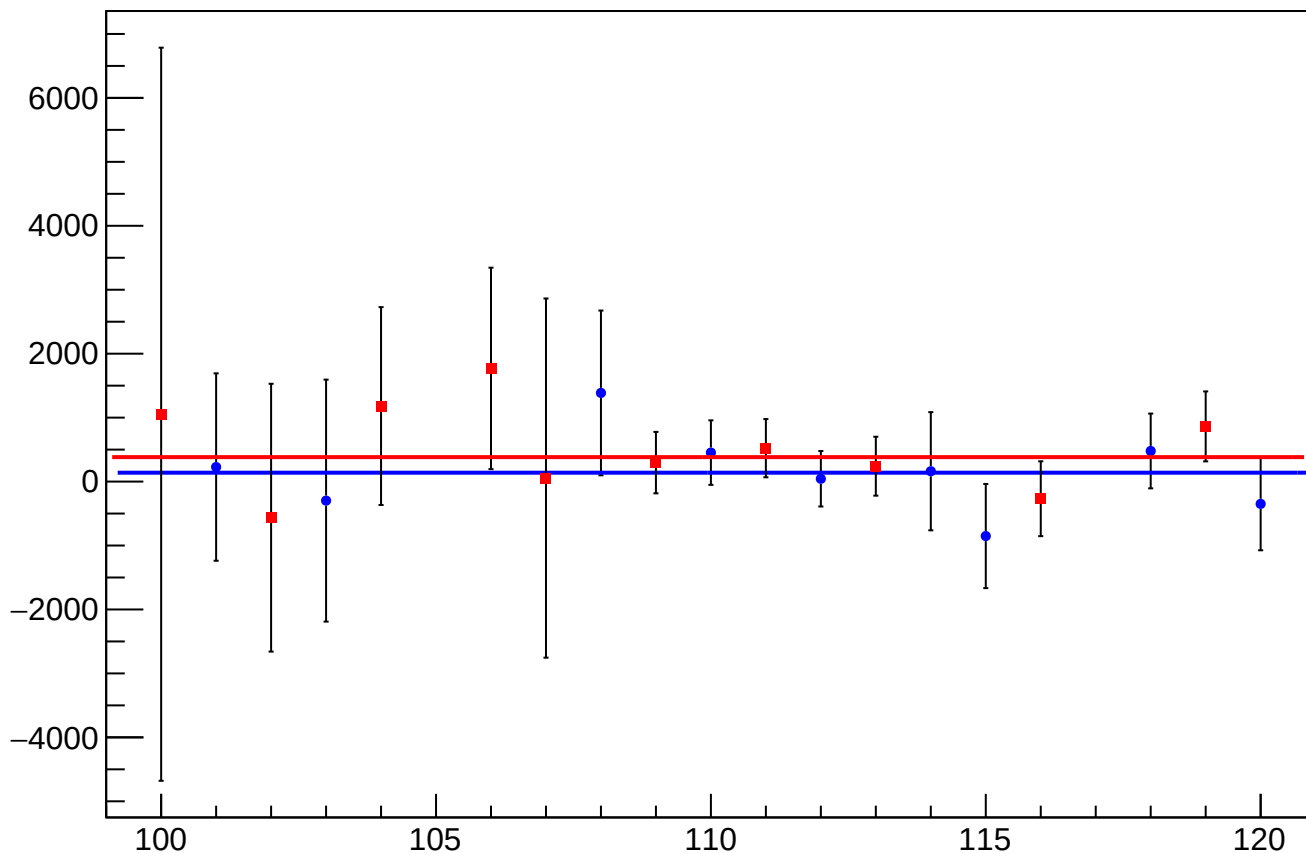
Right: 1160.124+/-0.307 χ^2/NDF : 742176.5/18

In: 1153.852+/-0.445 χ^2/NDF : 576637.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1160.124+/-0.307 χ^2/NDF : 742176.5/18

asym_us_dd_atlr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 138.903+/-235.060 χ^2/NDF : 3.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 382.300+/-216.485 χ^2/NDF : 3.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

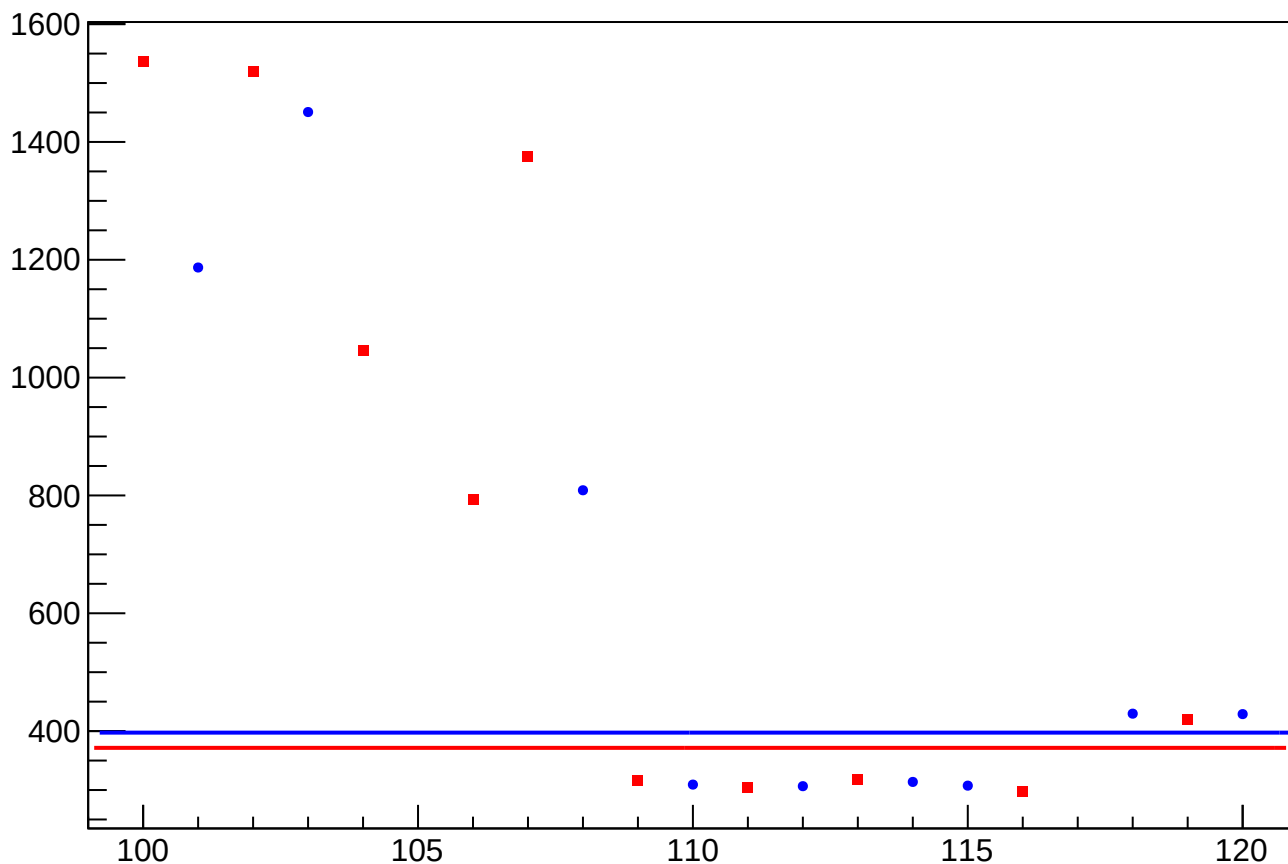
Right: 270.596+/-159.241 χ^2/NDF : 7.8/18

In: 138.903+/-235.060 χ^2/NDF : 3.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 270.596+/-159.241 χ^2/NDF : 7.8/18

asym_us_dd_atlr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 397.418+/-0.166 χ^2/NDF : 1603709.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 371.570+/-0.153 χ^2/NDF : 1608972.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

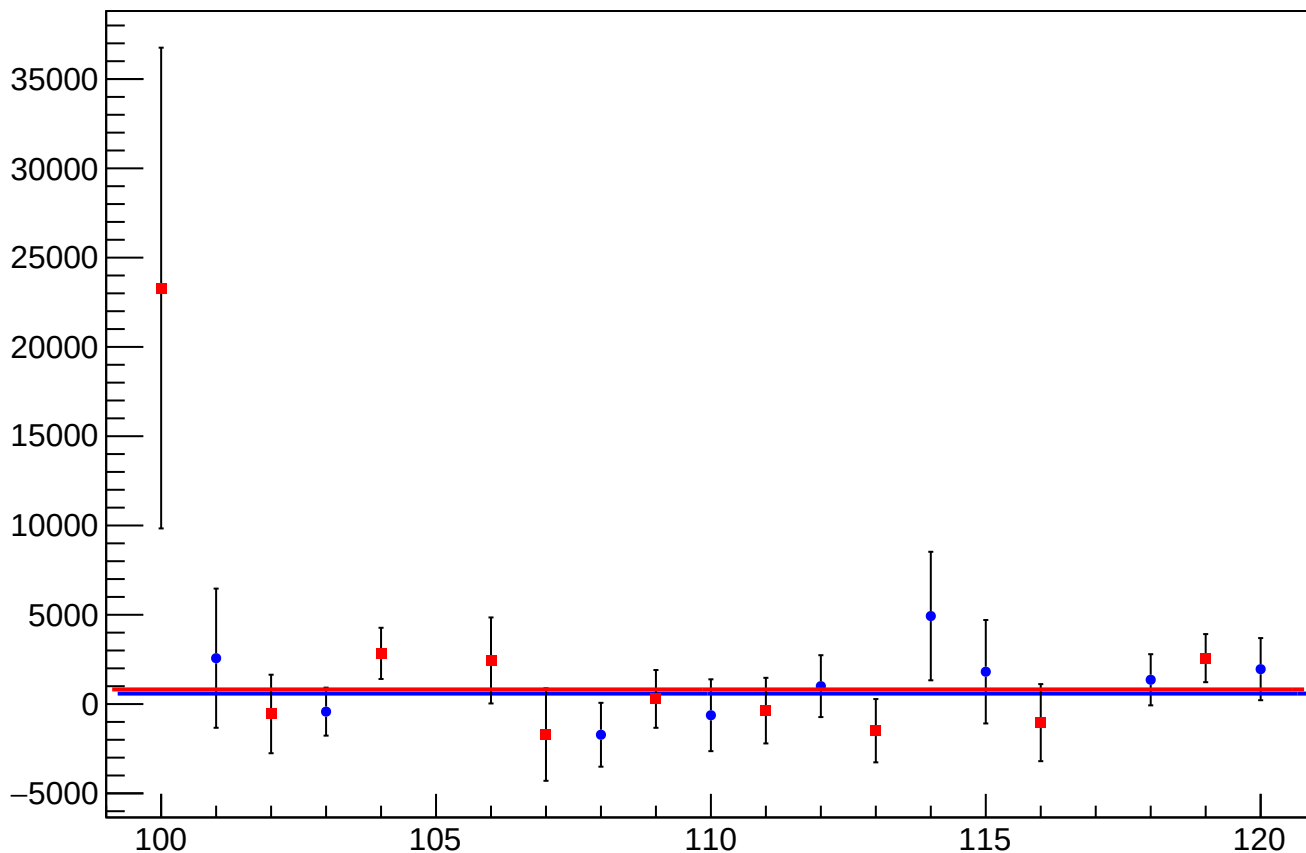
Right: 383.433+/-0.113 χ^2/NDF : 3225766.2/18

In: 397.418+/-0.166 χ^2/NDF :1603709.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 383.433+/-0.113 χ^2/NDF : 3225766.2/18

eigen_cor_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 586.465+/-629.009 χ^2/NDF : 5.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 820.027+/-599.475 χ^2/NDF : 11.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

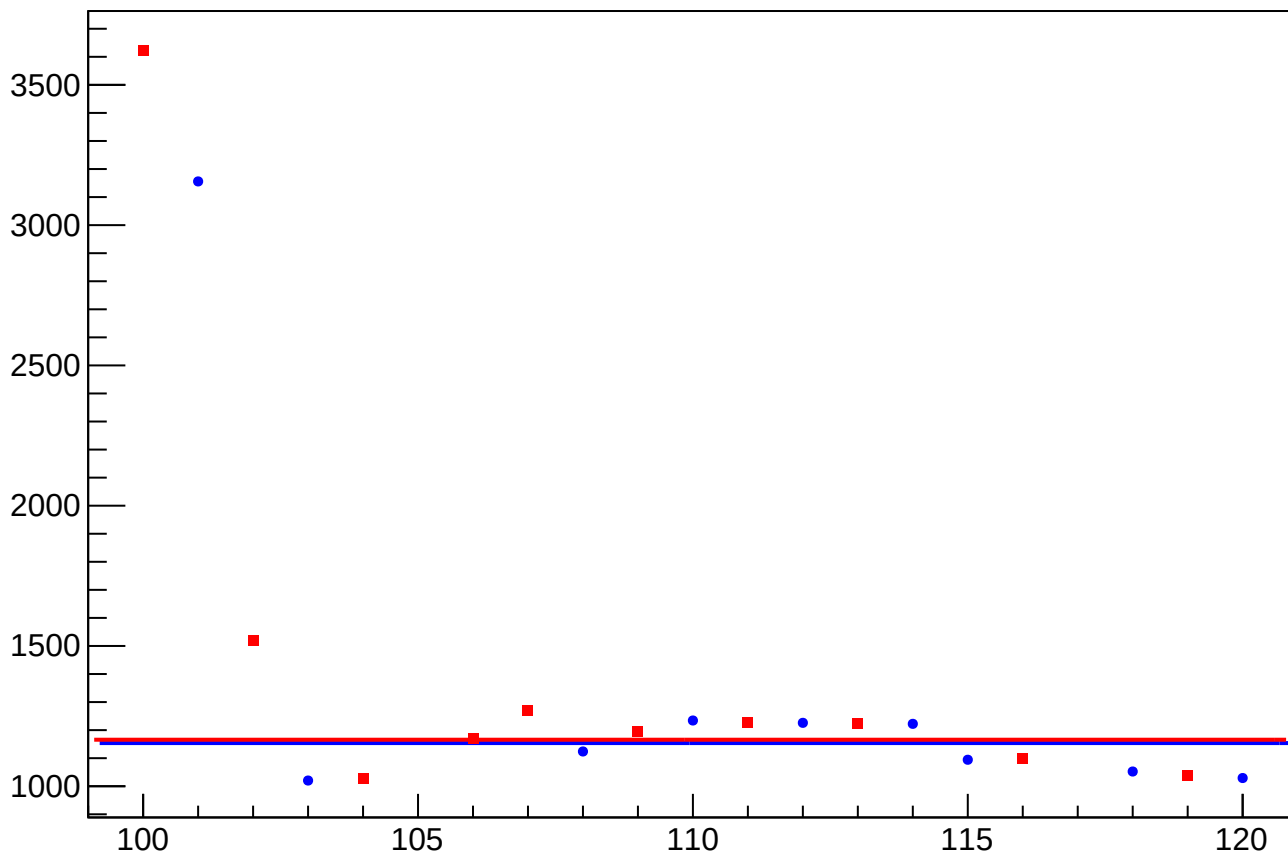
Right: 708.858+/-433.958 χ^2/NDF : 16.8/18

In: 586.465+/-629.009 χ^2/NDF : 5.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 708.858+/-433.958 χ^2/NDF : 16.8/18

eigen_cor_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1153.852+/-0.445 χ^2/NDF : 576637.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1165.820+/-0.424 χ^2/NDF : 165159.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

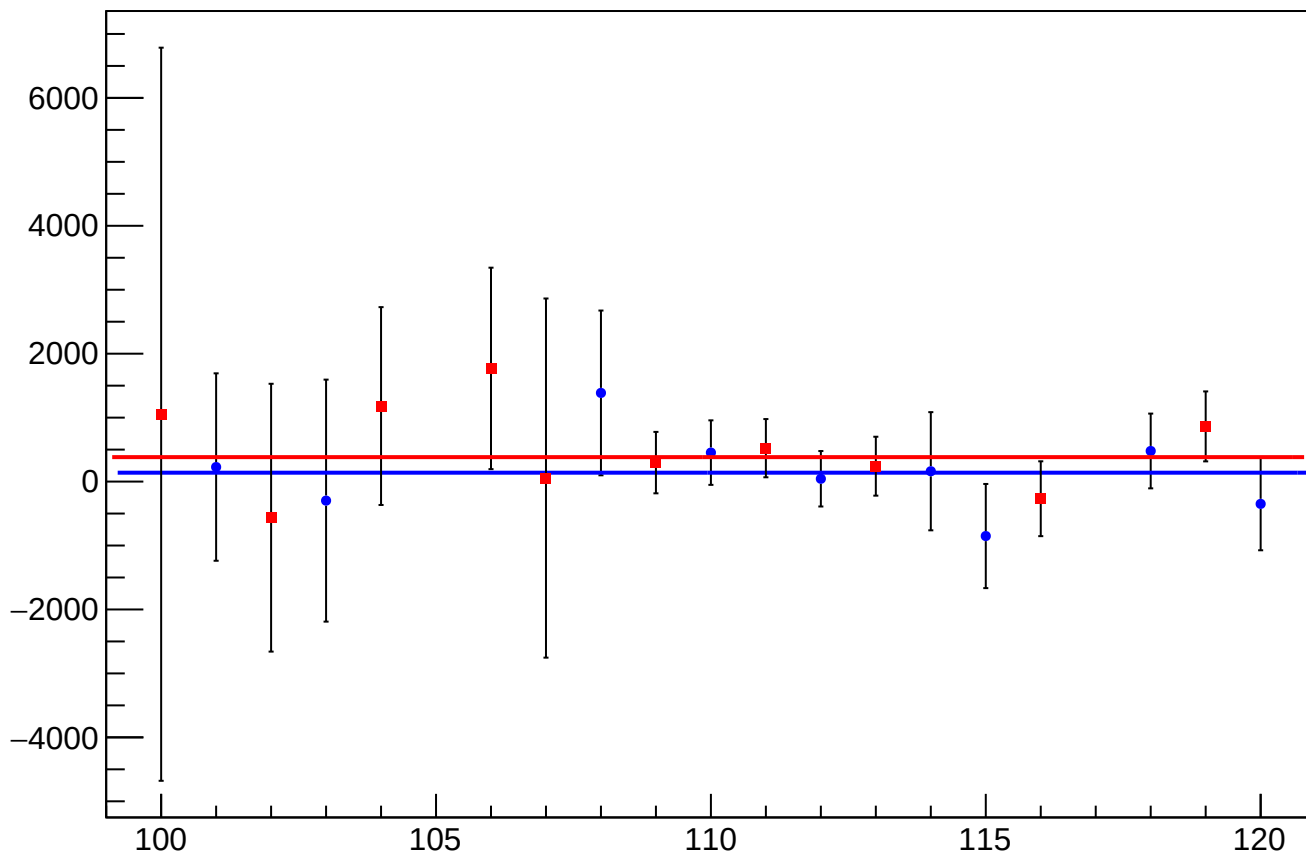
Right: 1160.124+/-0.307 χ^2/NDF : 742176.5/18

In: 1153.852+/-0.445 χ^2/NDF : 576637.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1160.124+/-0.307 χ^2/NDF : 742176.5/18

asym_us_dd_atlr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 138.903+/-235.060 χ^2/NDF : 3.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 382.300+/-216.485 χ^2/NDF : 3.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

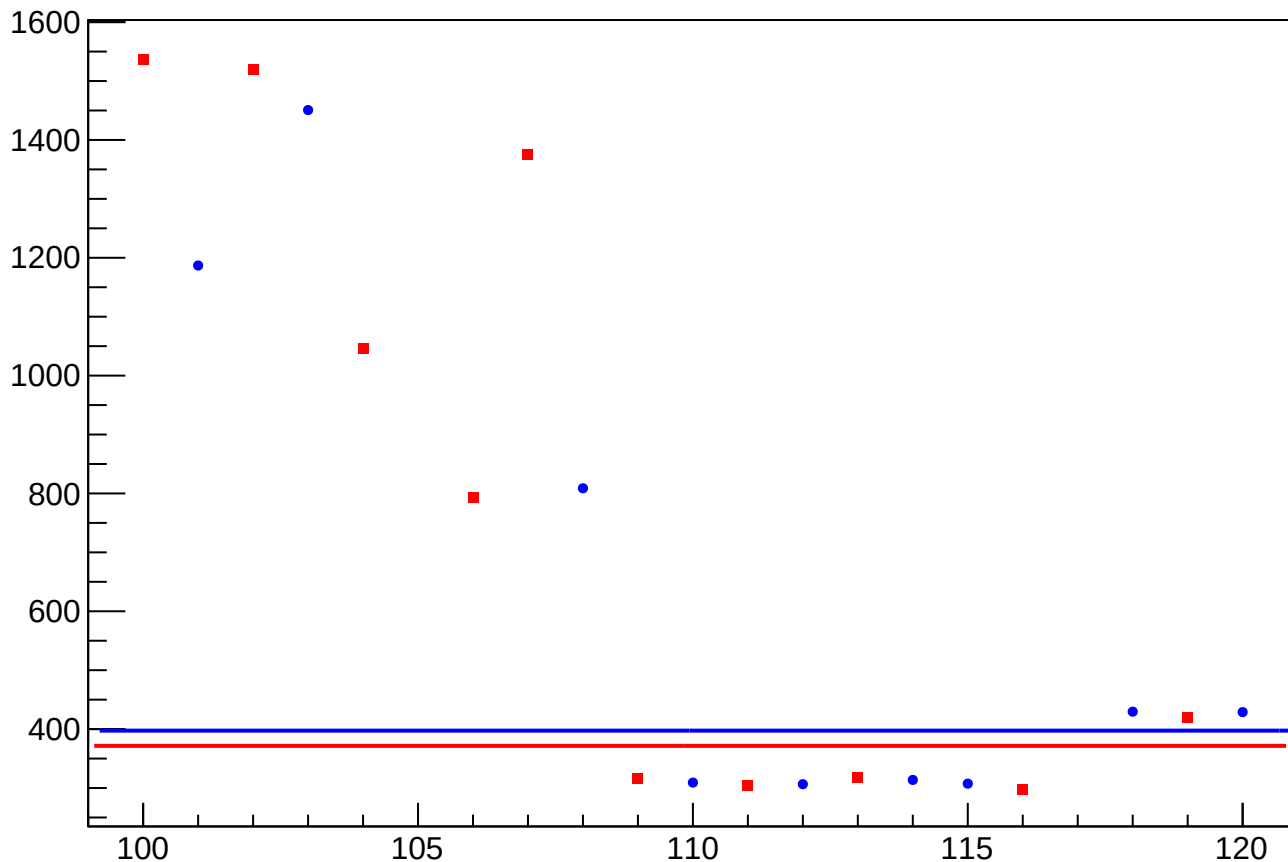
Right: 270.596+/-159.241 χ^2/NDF : 7.8/18

In: 138.903+/-235.060 χ^2/NDF :3.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 270.596+/-159.241 χ^2/NDF : 7.8/18

asym_us_dd_atlr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 397.418+/-0.166 χ^2/NDF : 1603709.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 371.570+/-0.153 χ^2/NDF : 1608972.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

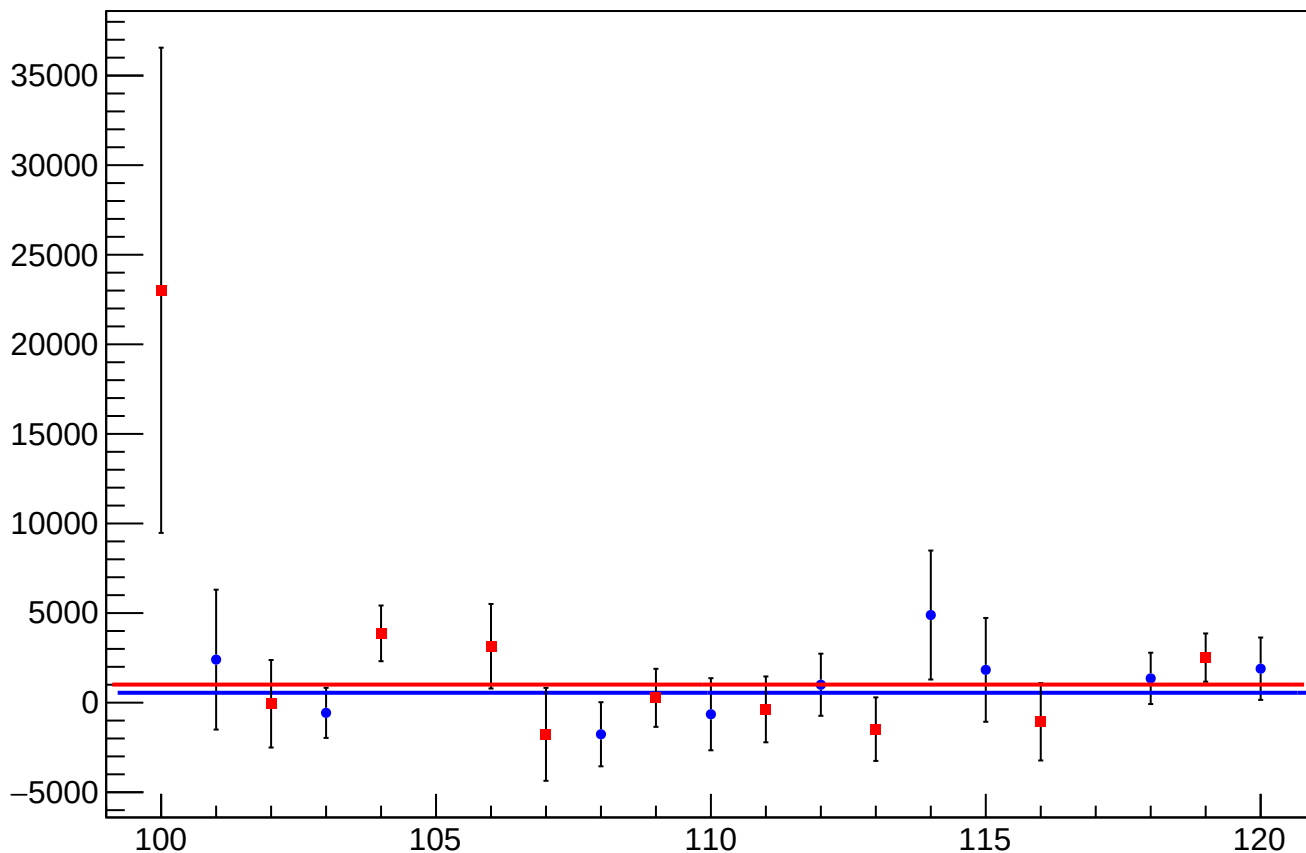
Right: 383.433+/-0.113 χ^2/NDF : 3225766.2/18

In: 397.418+/-0.166 χ^2/NDF : 1603709.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 383.433+/-0.113 χ^2/NDF : 3225766.2/18

dit_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 551.706+/-634.575 χ^2/NDF : 5.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1008.159+/-611.317 χ^2/NDF : 13.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

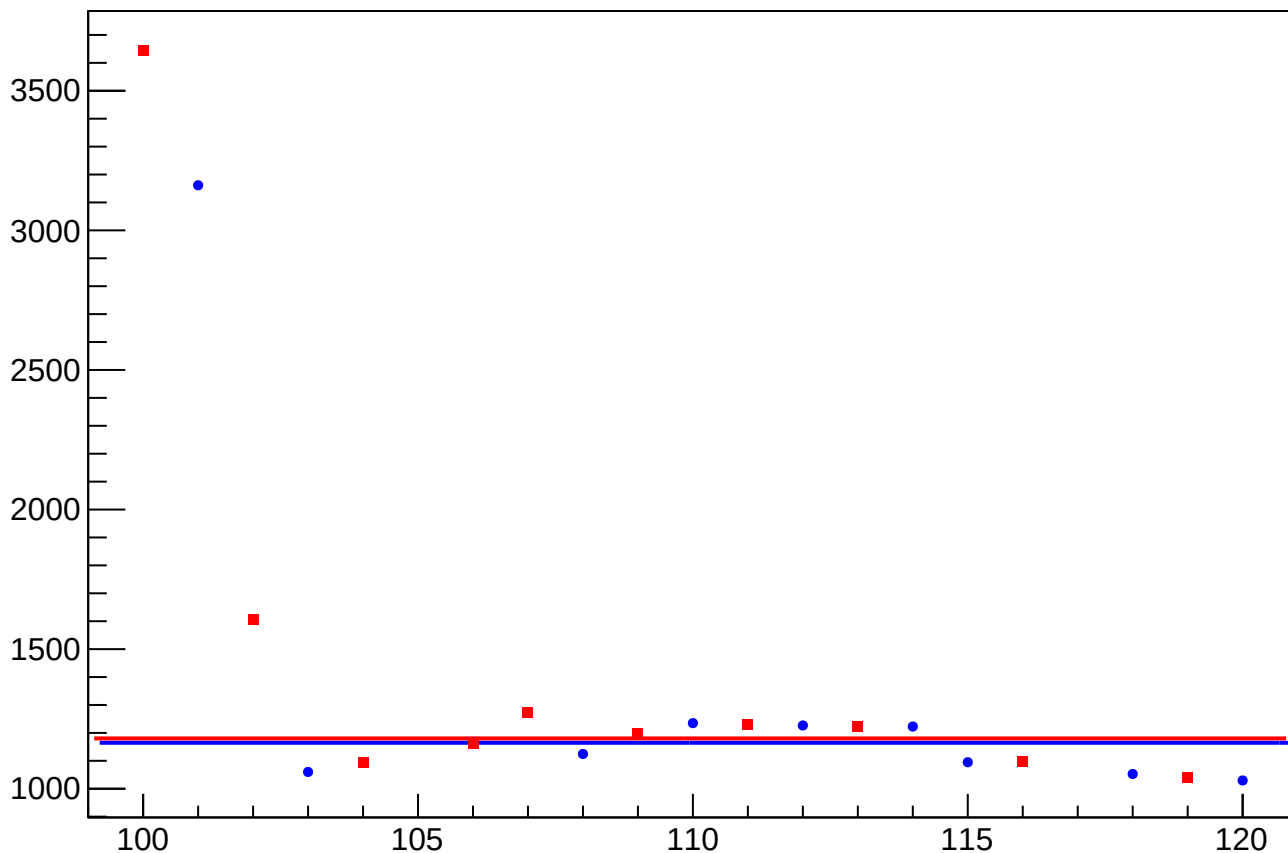
Right: 788.451+/-440.259 χ^2/NDF : 18.9/18

In: 551.706+/-634.575 χ^2/NDF : 5.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 788.451+/-440.259 χ^2/NDF : 18.9/18

dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1164.656+/-0.449 χ^2/NDF : 566316.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1180.241+/-0.432 χ^2/NDF : 163187.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

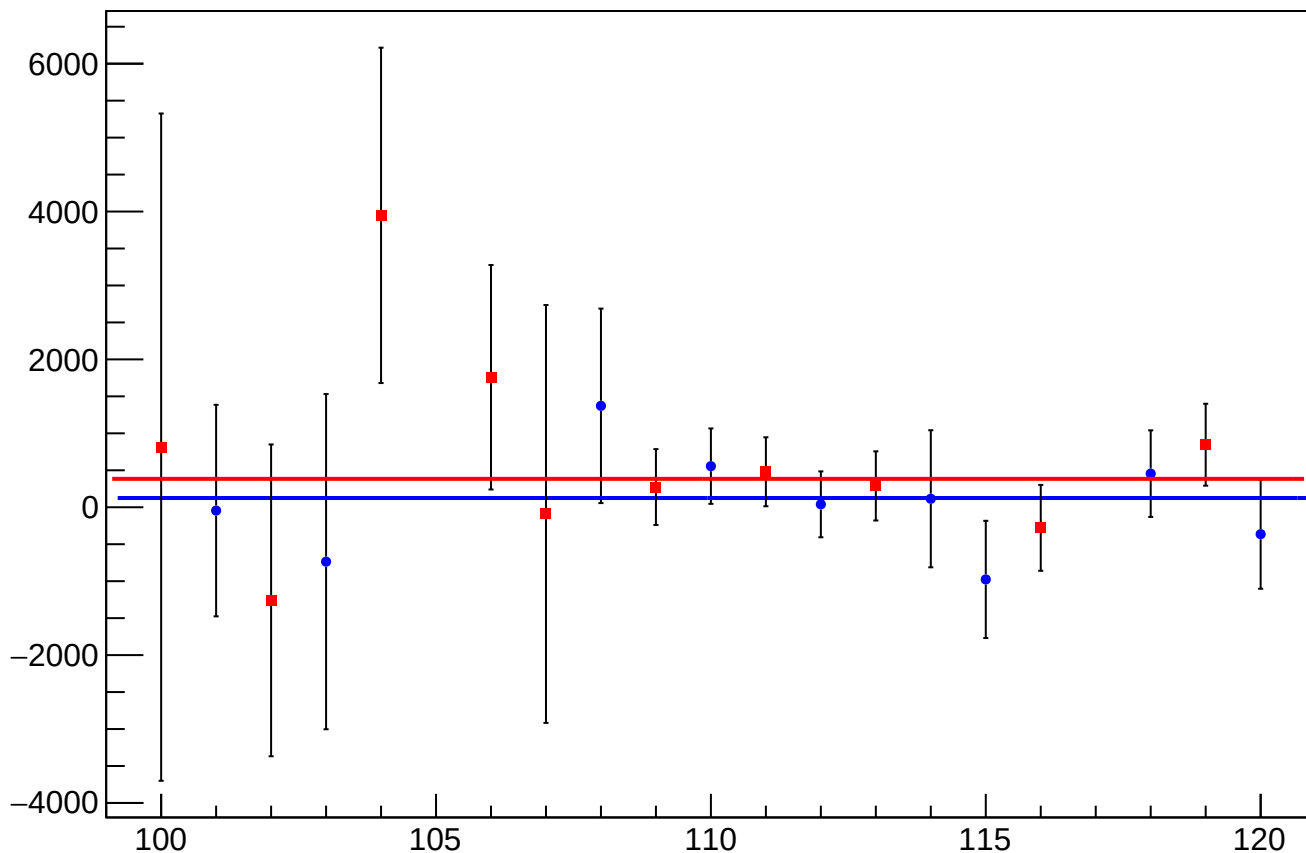
Right: 1172.740+/-0.311 χ^2/NDF : 730130.5/18

In: 1164.656+/-0.449 χ^2/NDF :566316.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1172.740+/-0.311 χ^2/NDF : 730130.5/18

asym_us_dd_atlr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 124.959+/-238.047 χ^2/NDF : 4.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 384.235+/-222.428 χ^2/NDF : 6.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

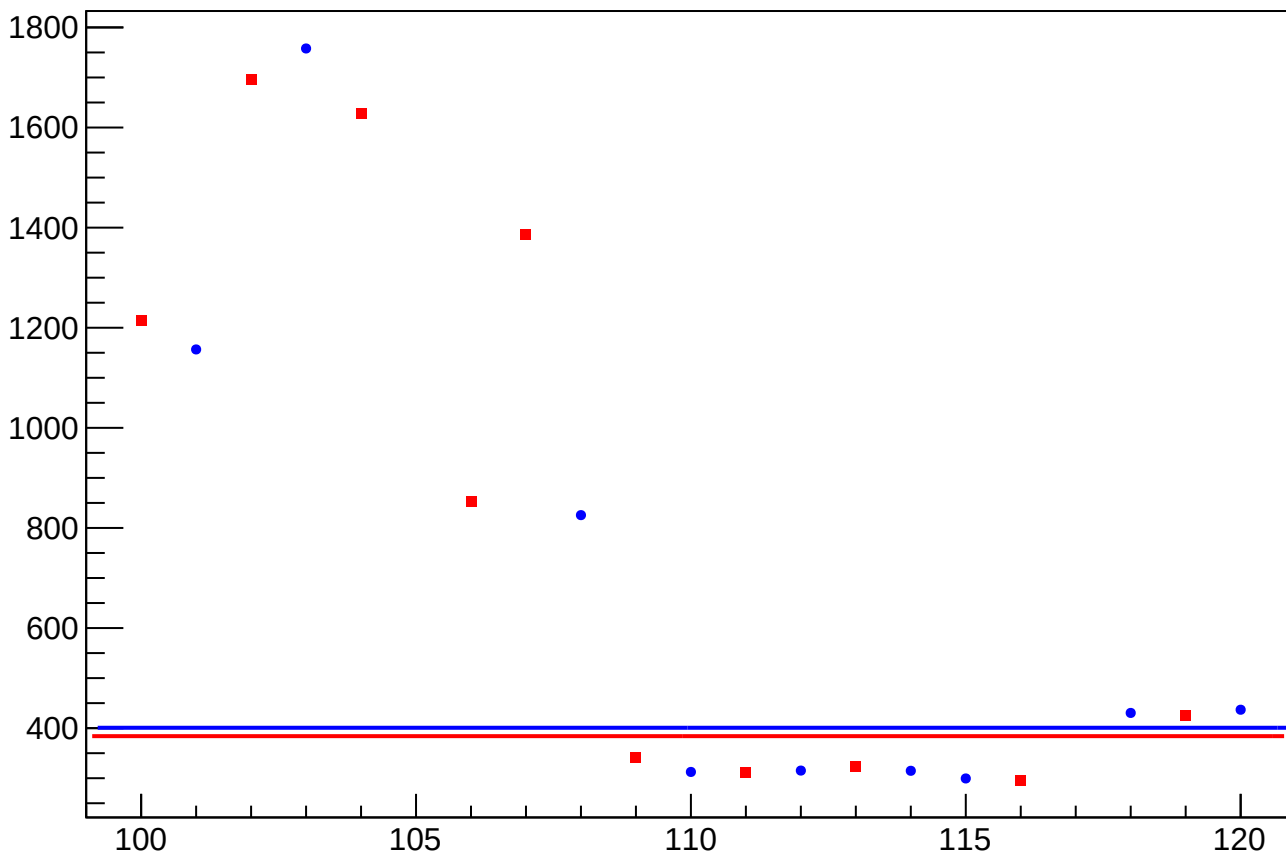
Right: 263.381+/-162.522 χ^2/NDF : 11.2/18

In: 124.959+/-238.047 χ^2/NDF : 4.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 263.381+/-162.522 χ^2/NDF : 11.2/18

asym_us_dd_atlr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 400.798+/-0.168 χ^2/NDF : 1676995.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 384.027+/-0.157 χ^2/NDF : 2038068.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

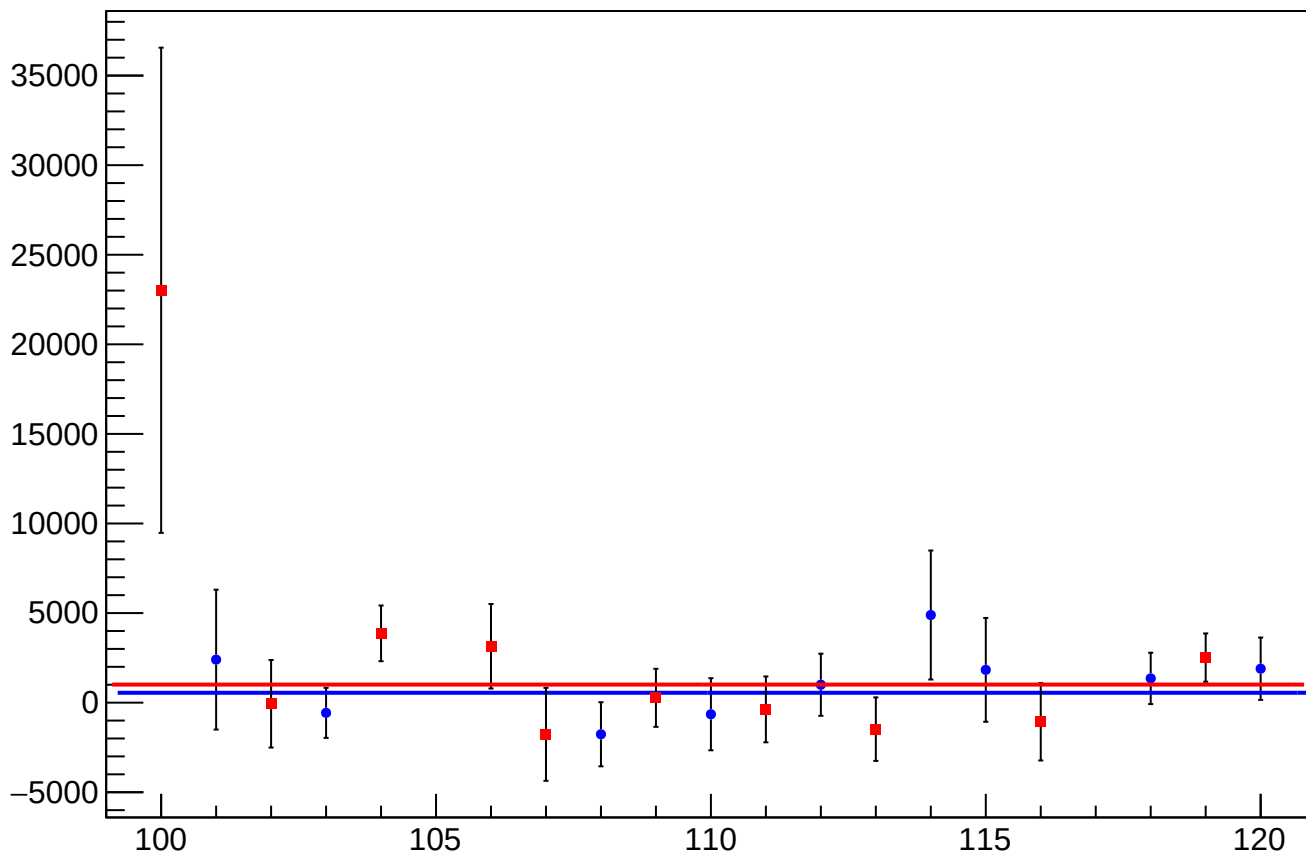
Right: 391.845+/-0.115 χ^2/NDF : 3720363.6/18

In: 400.798+/-0.168 χ^2/NDF :1676995.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 391.845+/-0.115 χ^2/NDF : 3720363.6/18

eigen_dit_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 551.704+/-634.575 χ^2/NDF : 5.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1008.155+/-611.317 χ^2/NDF : 13.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

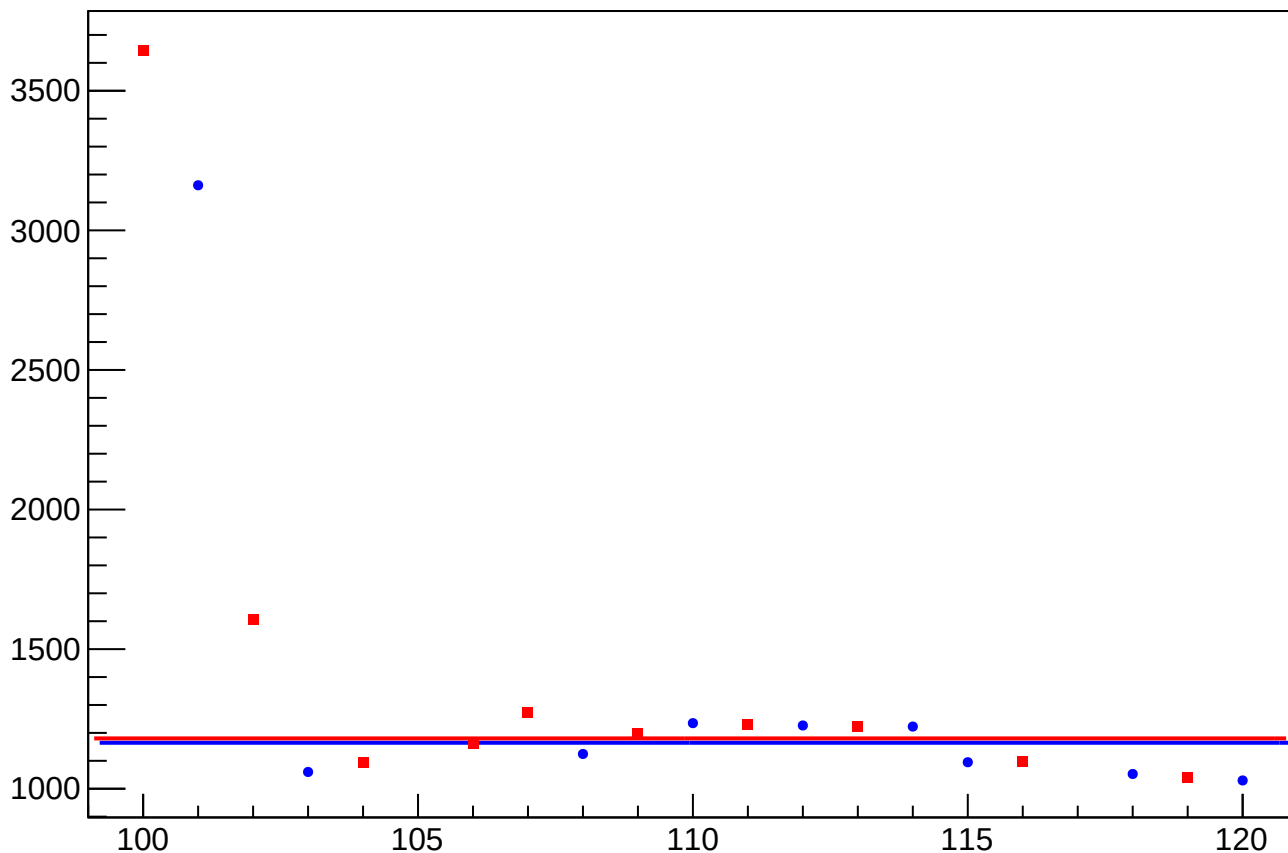
Right: 788.448+/-440.259 χ^2/NDF : 18.9/18

In: 551.704+/-634.575 χ^2/NDF : 5.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 788.448+/-440.259 χ^2/NDF : 18.9/18

eigen_dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1164.656+/-0.449 χ^2/NDF : 566316.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1180.241+/-0.432 χ^2/NDF : 163187.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

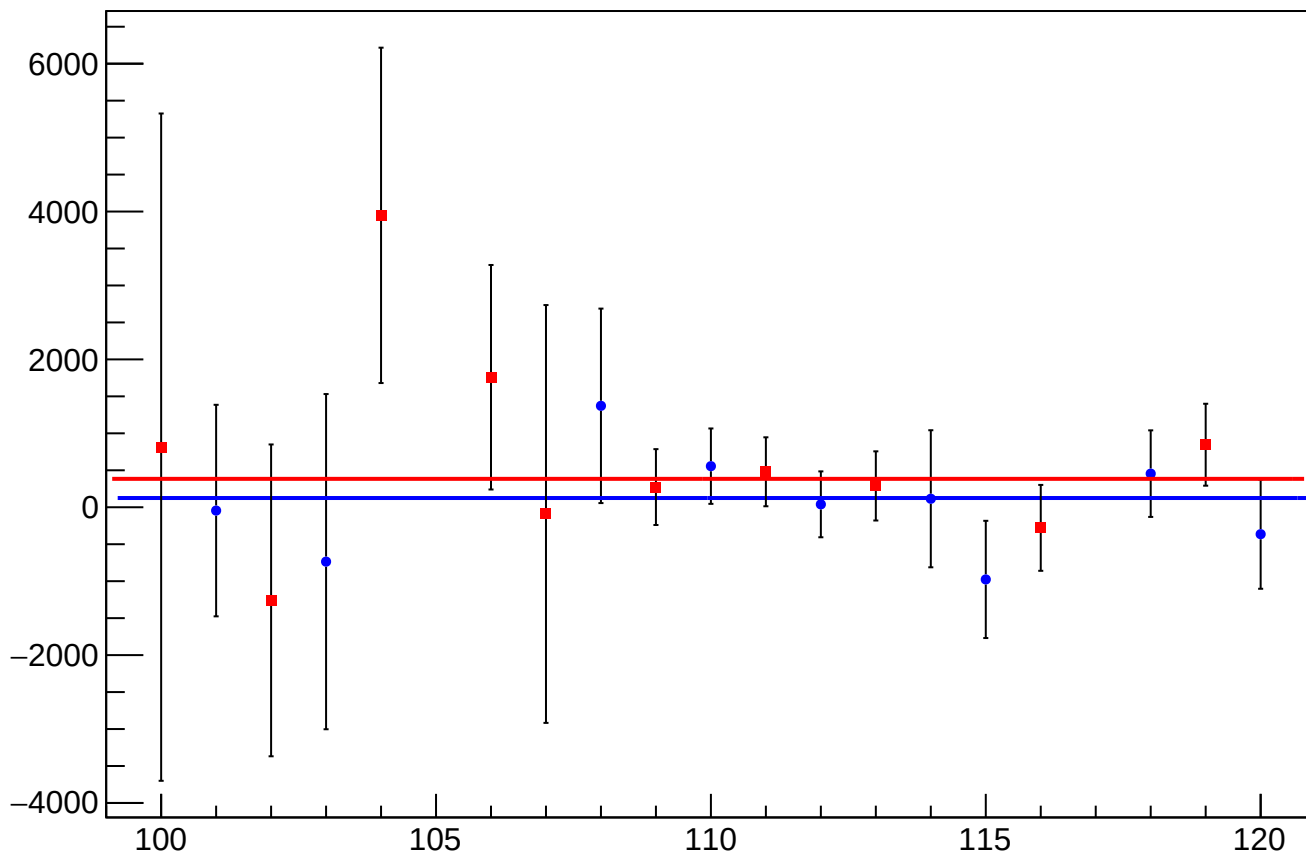
Right: 1172.740+/-0.311 χ^2/NDF : 730130.5/18

In: 1164.656+/-0.449 χ^2/NDF : 566316.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1172.740+/-0.311 χ^2/NDF : 730130.5/18

asym_us_dd_atlr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 124.955+/-238.045 χ^2/NDF : 4.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 384.230+/-222.426 χ^2/NDF : 6.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

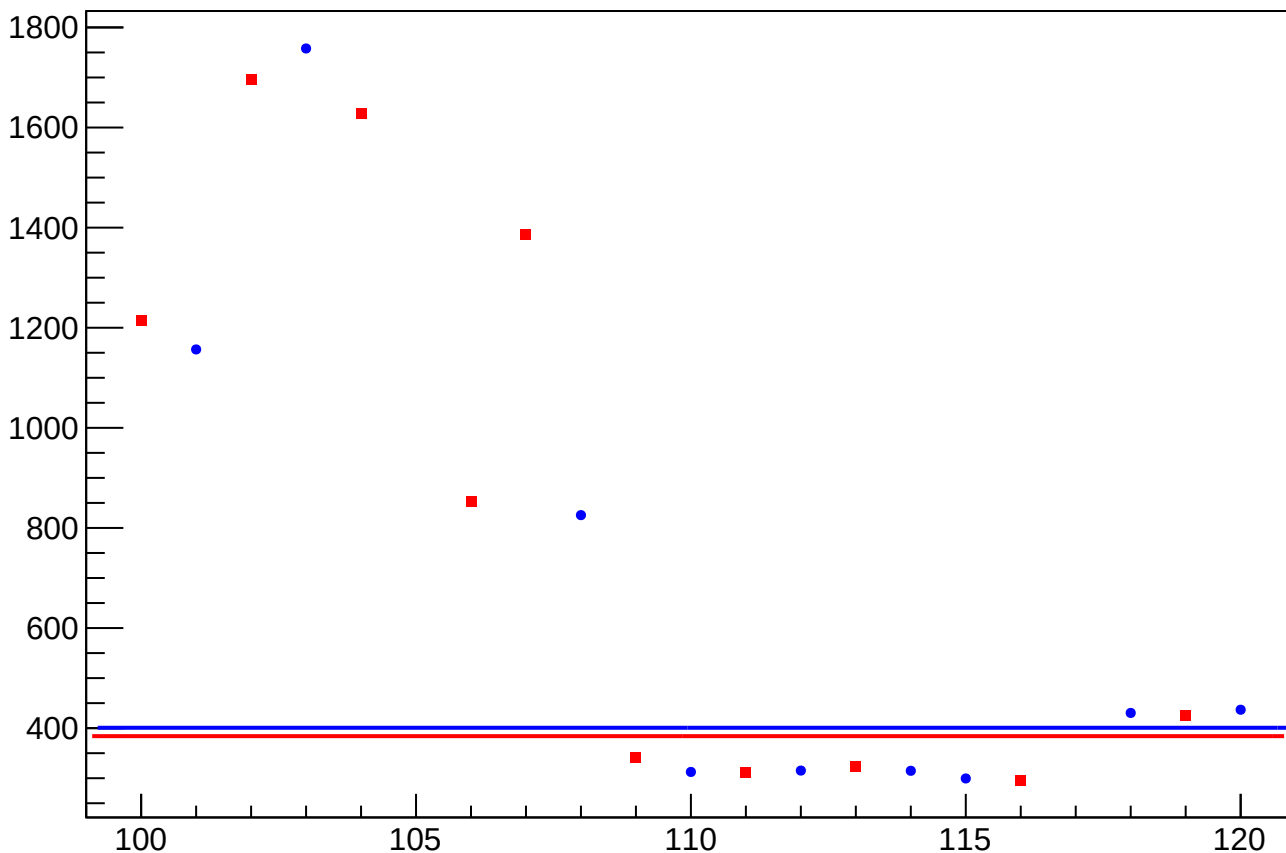
Right: 263.377+/-162.520 χ^2/NDF : 11.2/18

In: 124.955+/-238.045 χ^2/NDF : 4.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 263.377+/-162.520 χ^2/NDF : 11.2/18

asym_us_dd_atlr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 400.796+/-0.168 χ^2/NDF : 1676999.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 384.024+/-0.157 χ^2/NDF : 2038081.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

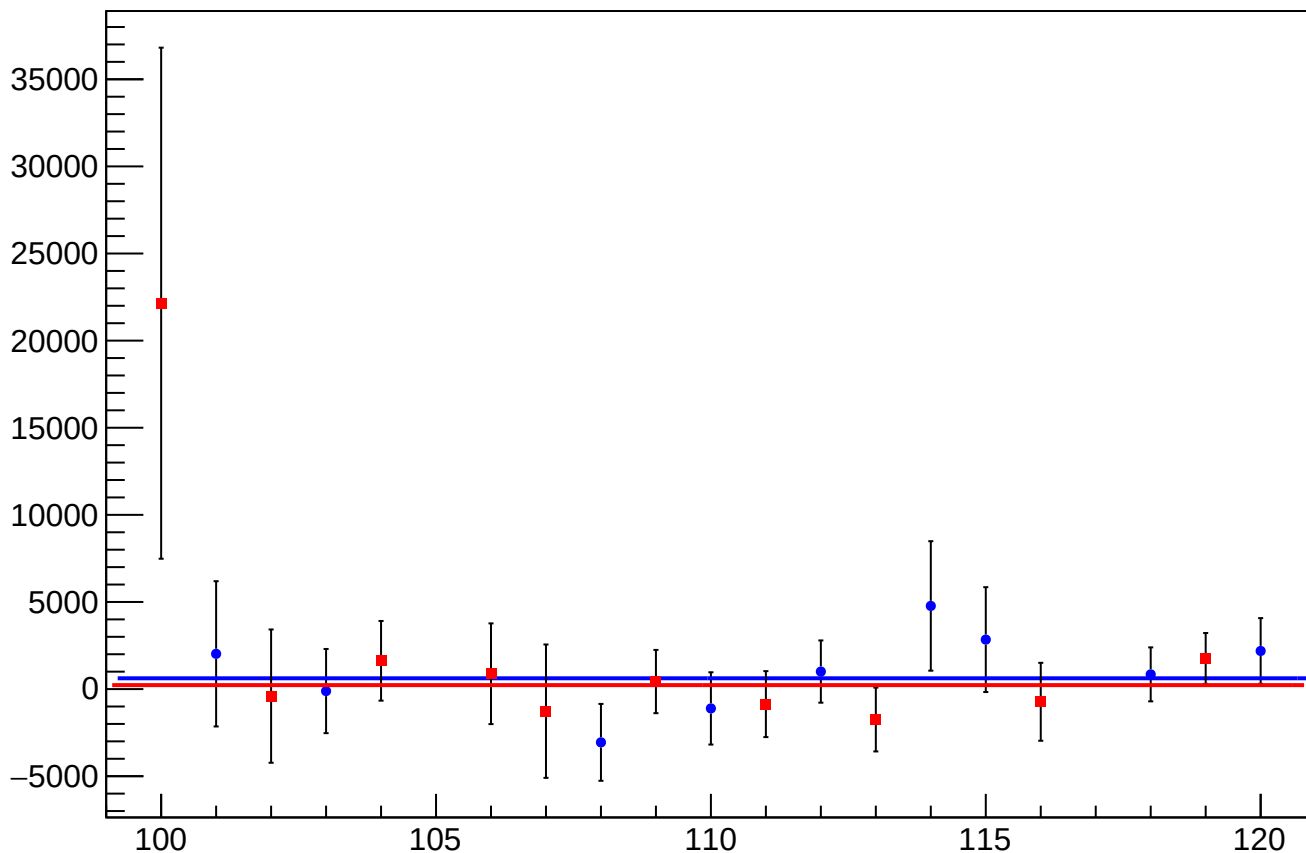
Right: 391.842+/-0.115 χ^2/NDF : 3720381.2/18

In: 400.796+/-0.168 χ^2/NDF : 1676999.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 391.842+/-0.115 χ^2/NDF : 3720381.2/18

asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 619.302 $\pm$ 733.006 χ^2 /NDF: 6.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 227.473 $\pm$ 706.693 χ^2 /NDF: 5.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

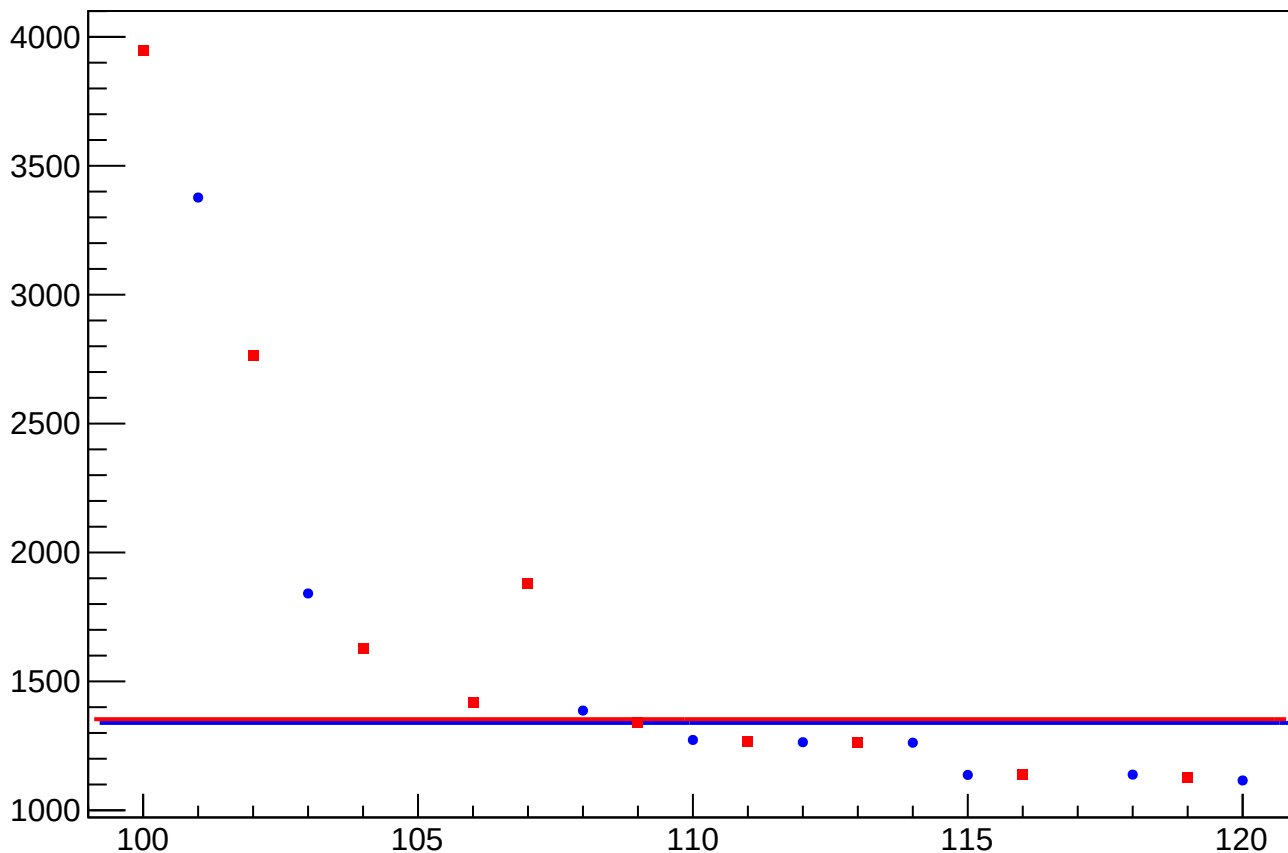
Right: 416.229 $\pm$ 508.756 χ^2 /NDF: 12.0/18

In: 619.302 $\pm$ 733.006 χ^2 /NDF:6.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 416.229 $\pm$ 508.756 χ^2 /NDF: 12.0/18

asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1338.973+/-0.518 χ^2/NDF : 642205.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1353.352+/-0.500 χ^2/NDF : 478320.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

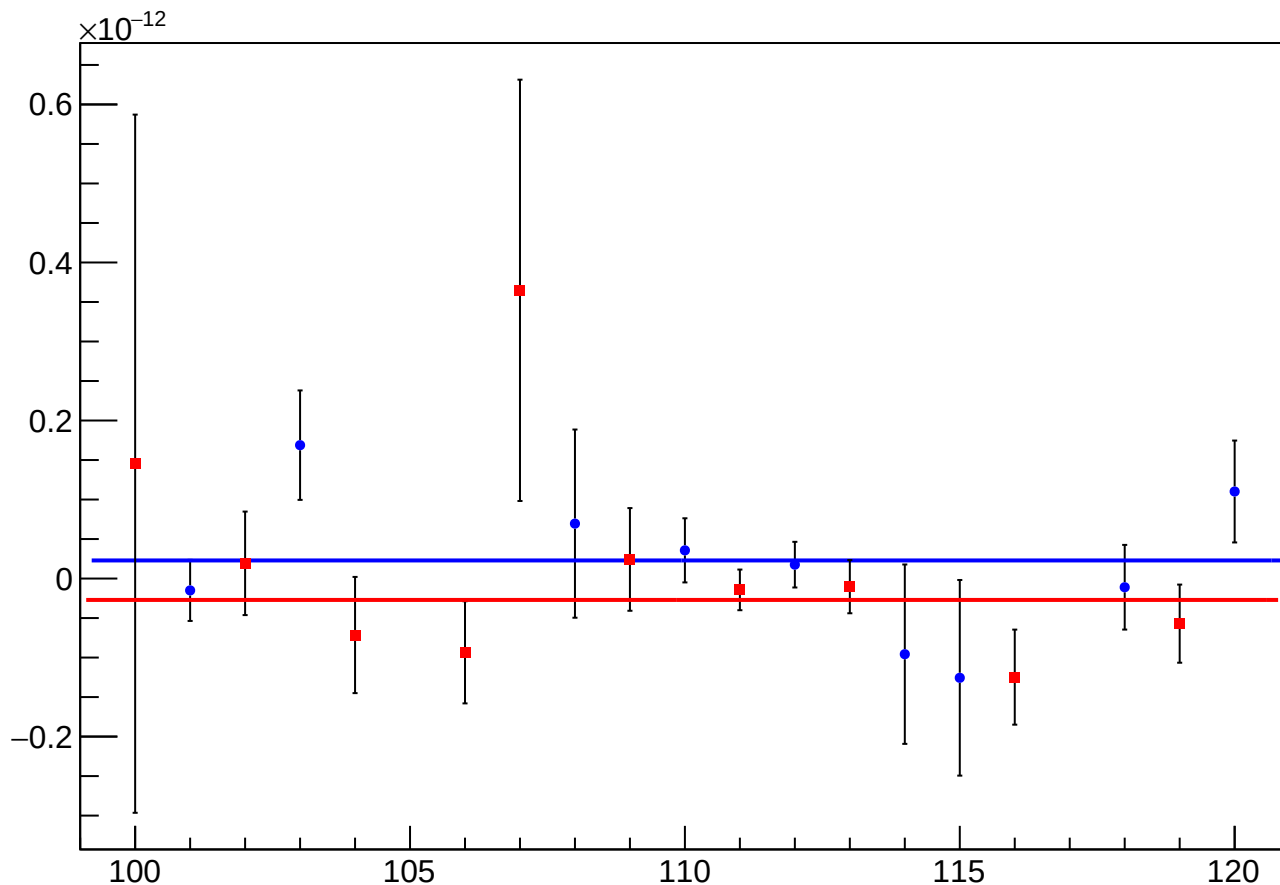
Right: 1346.425+/-0.360 χ^2/NDF : 1120924.4/18

In: 1338.973+/-0.518 χ^2/NDF : 642205.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1346.425+/-0.360 χ^2/NDF : 1120924.4/18

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

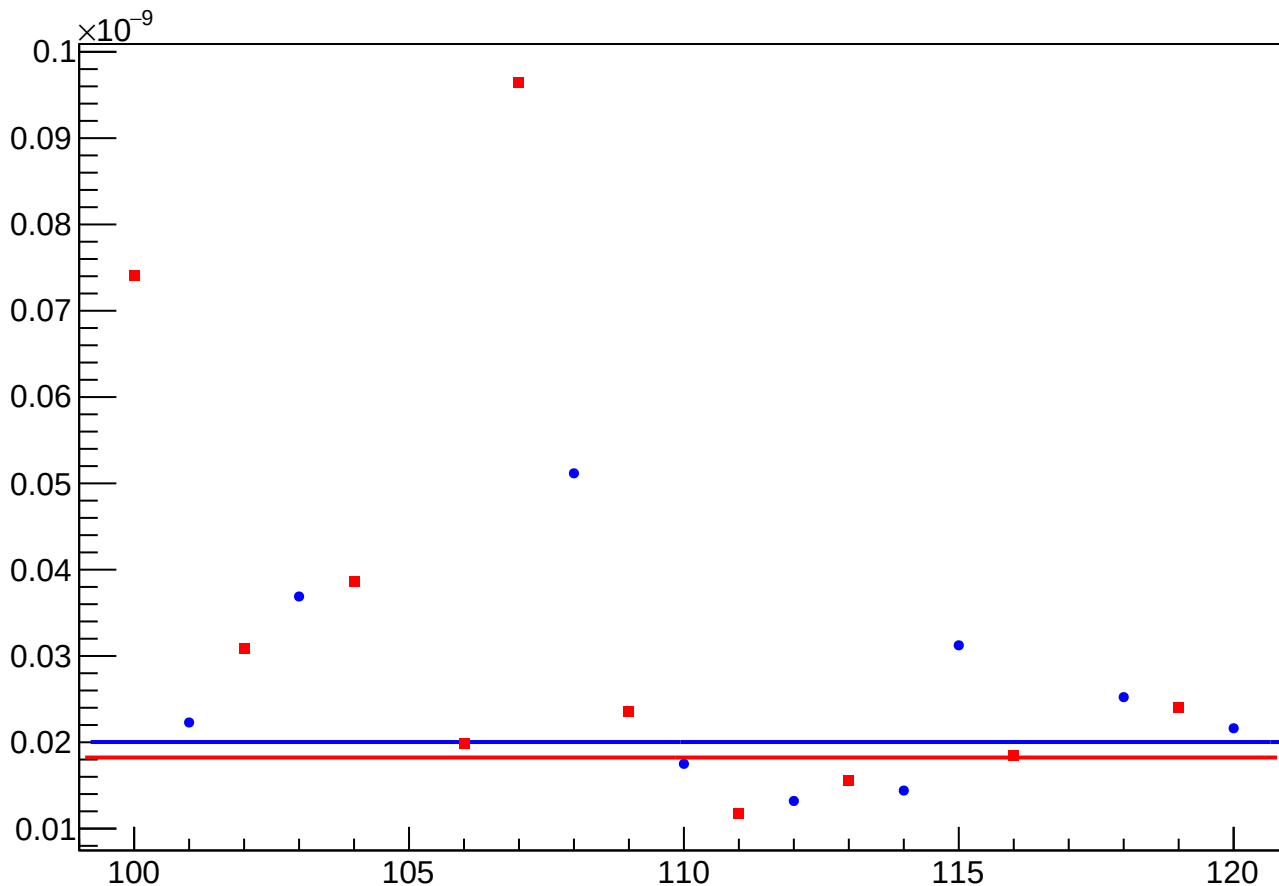
Right: -0.000+/-0.000 χ^2/NDF : 23.5/18

In: 0.000+/-0.000 χ^2/NDF : 10.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.5/18

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 423002.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 613351.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

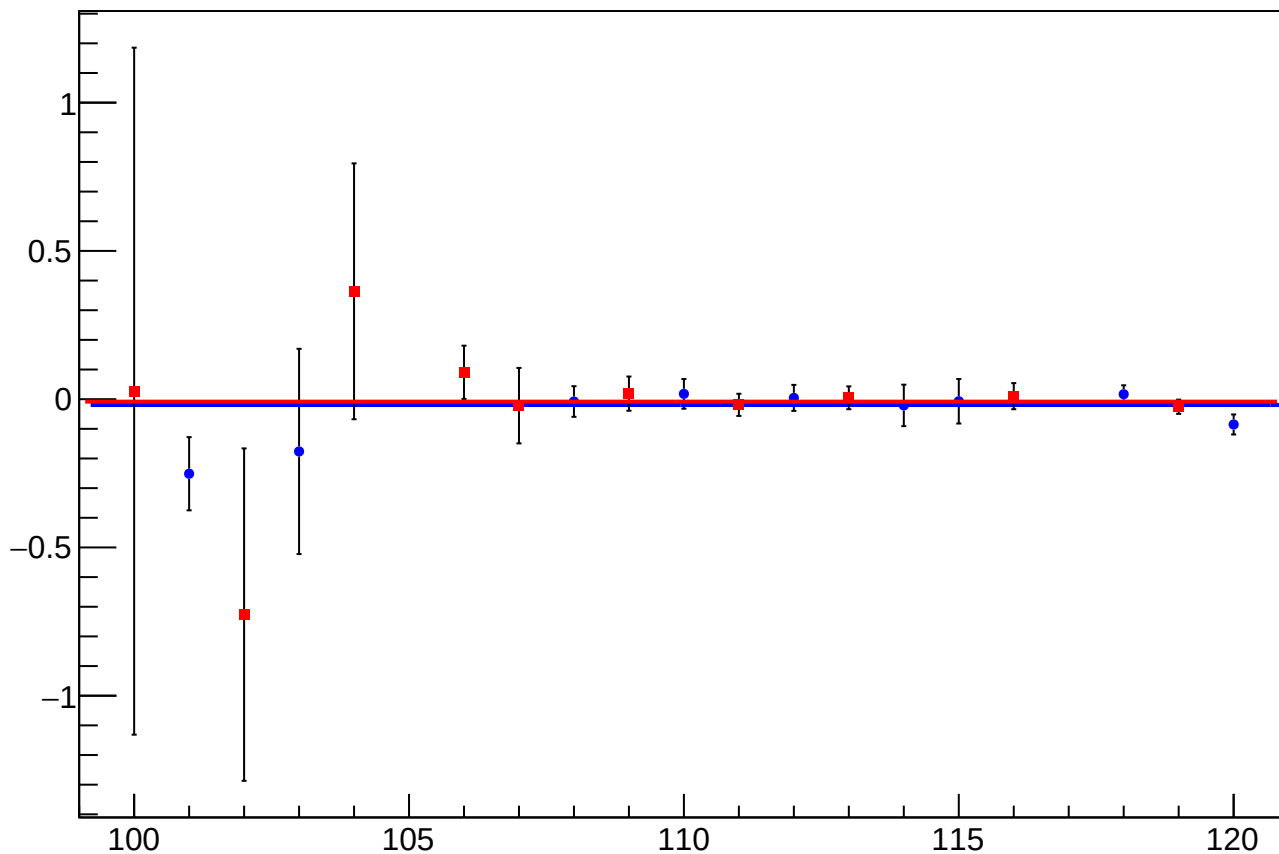
Right: 0.000+/-0.000 χ^2/NDF : 1048378.3/18

In: 0.000+/-0.000 χ^2/NDF : 423002.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1048378.3/18

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 $\pm$ 0.016 χ^2 /NDF: 9.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.008 $\pm$ 0.016 χ^2 /NDF: 4.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

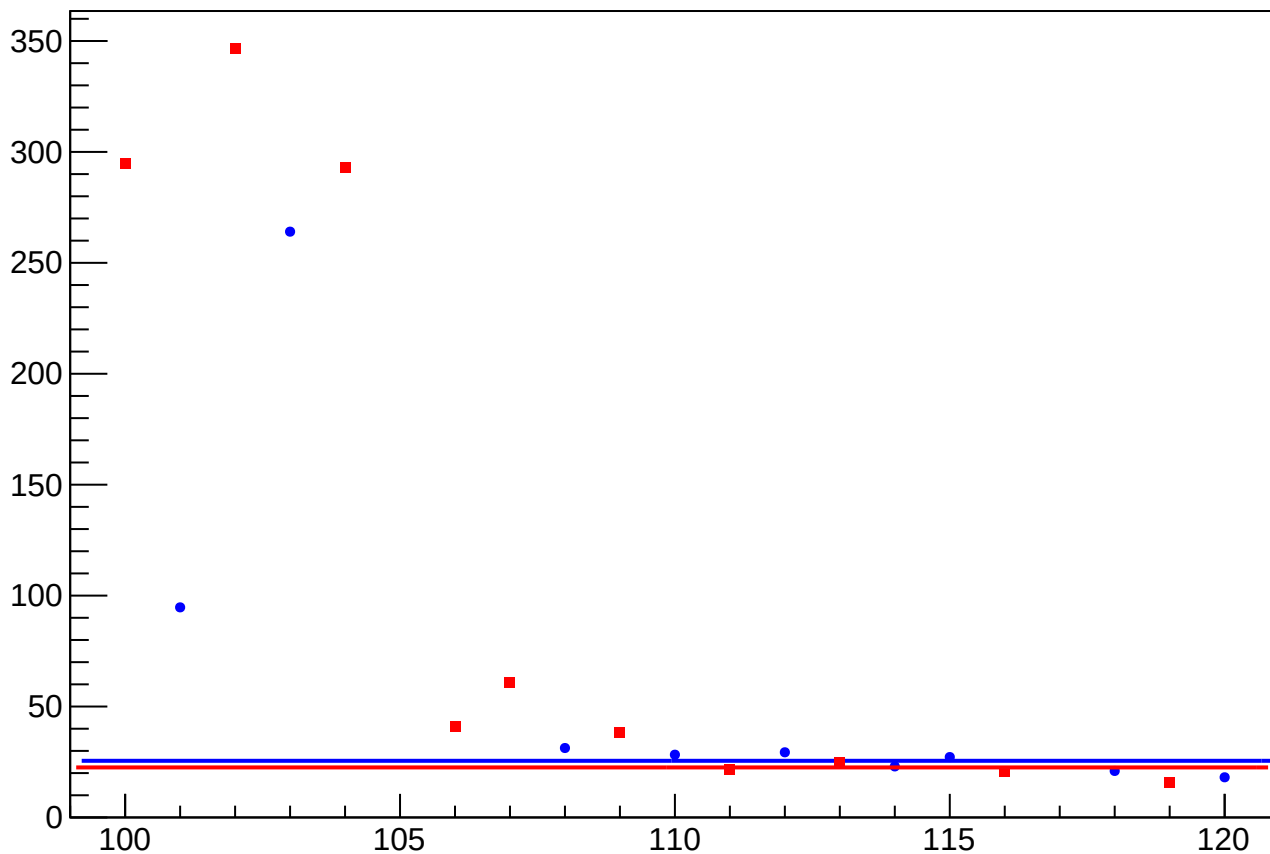
Right: -0.014 $\pm$ 0.011 χ^2 /NDF: 14.9/18

In: -0.020 $\pm$ 0.016 χ^2 /NDF:9.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.014 $\pm$ 0.011 χ^2 /NDF: 14.9/18

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.536+/-0.012 χ^2/NDF : 1771066.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.551+/-0.011 χ^2/NDF : 2164952.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

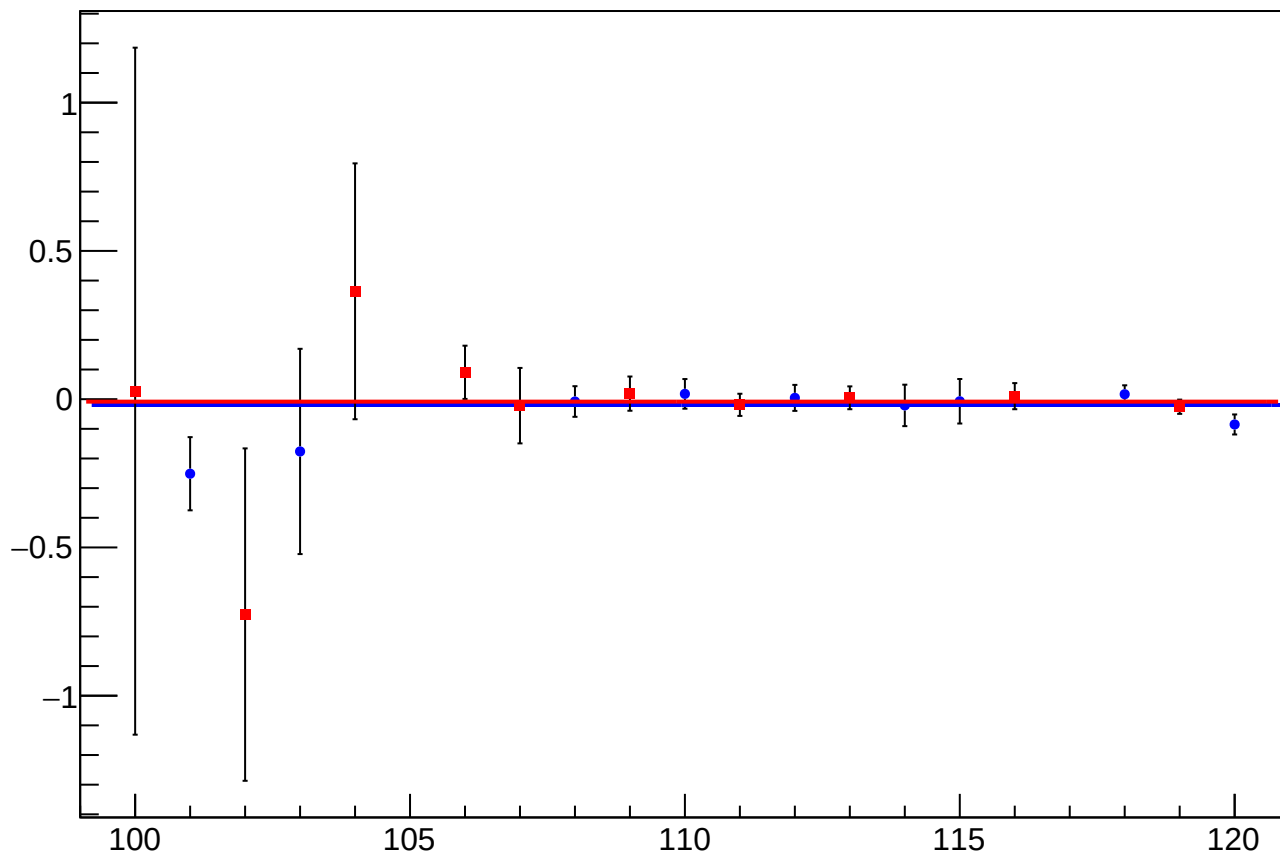
Right: 23.967+/-0.008 χ^2/NDF : 3971015.0/18

In: 25.536+/-0.012 χ^2/NDF : 1771066.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.967+/-0.008 χ^2/NDF : 3971015.0/18

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 $\pm$ 0.016 χ^2 /NDF: 9.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.008 $\pm$ 0.016 χ^2 /NDF: 4.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

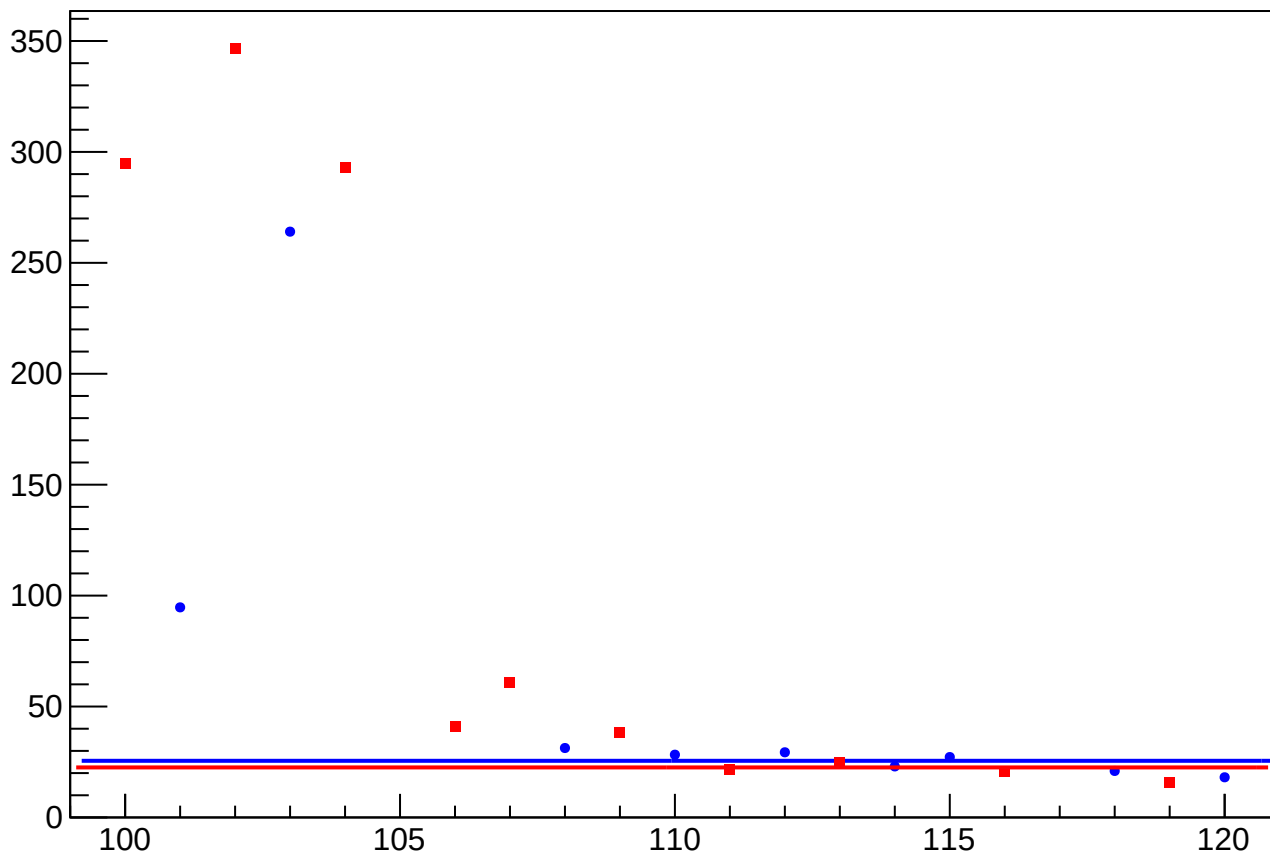
Right: -0.014 $\pm$ 0.011 χ^2 /NDF: 14.9/18

In: -0.020 $\pm$ 0.016 χ^2 /NDF:9.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.014 $\pm$ 0.011 χ^2 /NDF: 14.9/18

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.536+/-0.012 χ^2/NDF : 1771066.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.551+/-0.011 χ^2/NDF : 2164952.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

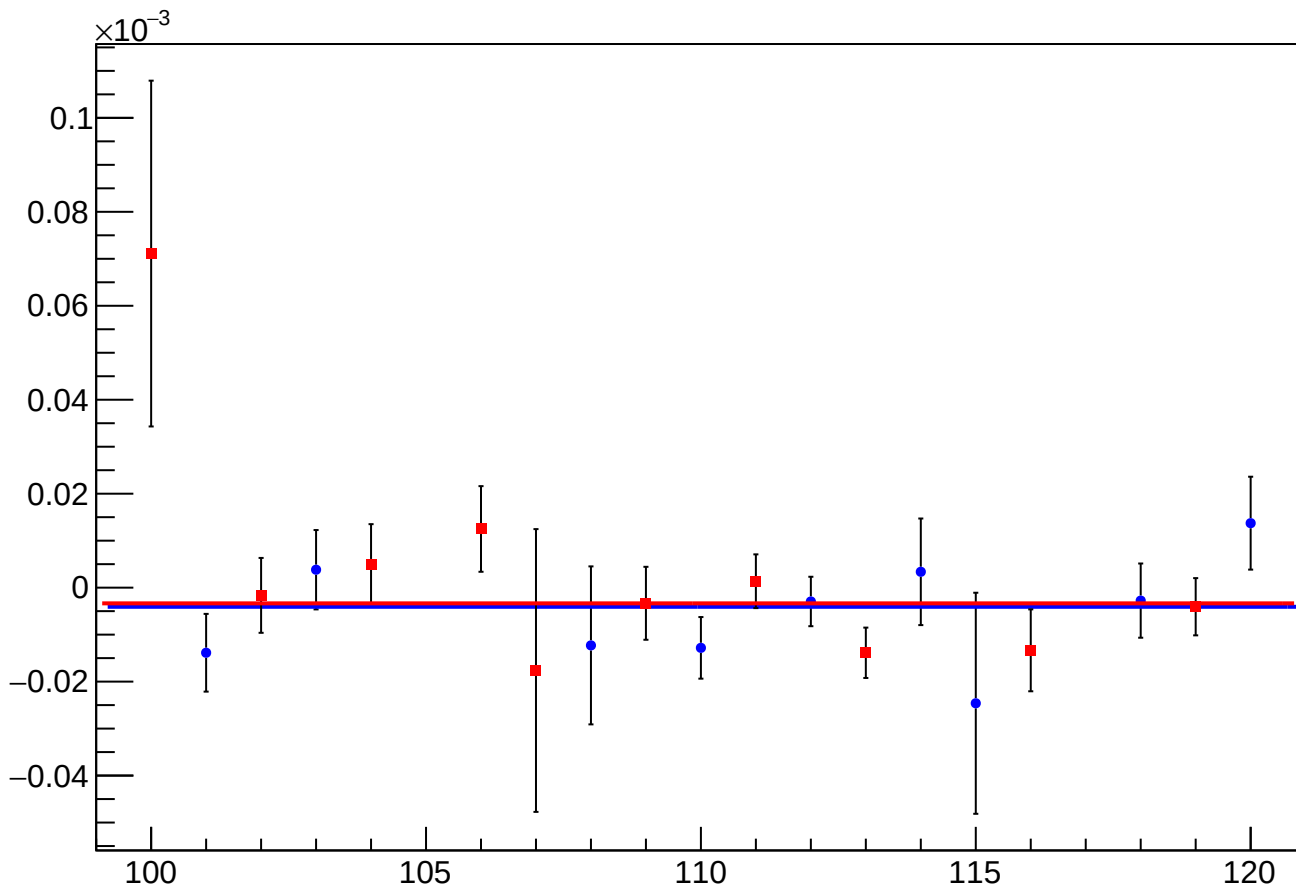
Right: 23.967+/-0.008 χ^2/NDF : 3971015.0/18

In: 25.536+/-0.012 χ^2/NDF : 1771066.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.967+/-0.008 χ^2/NDF : 3971015.0/18

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 : 8.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

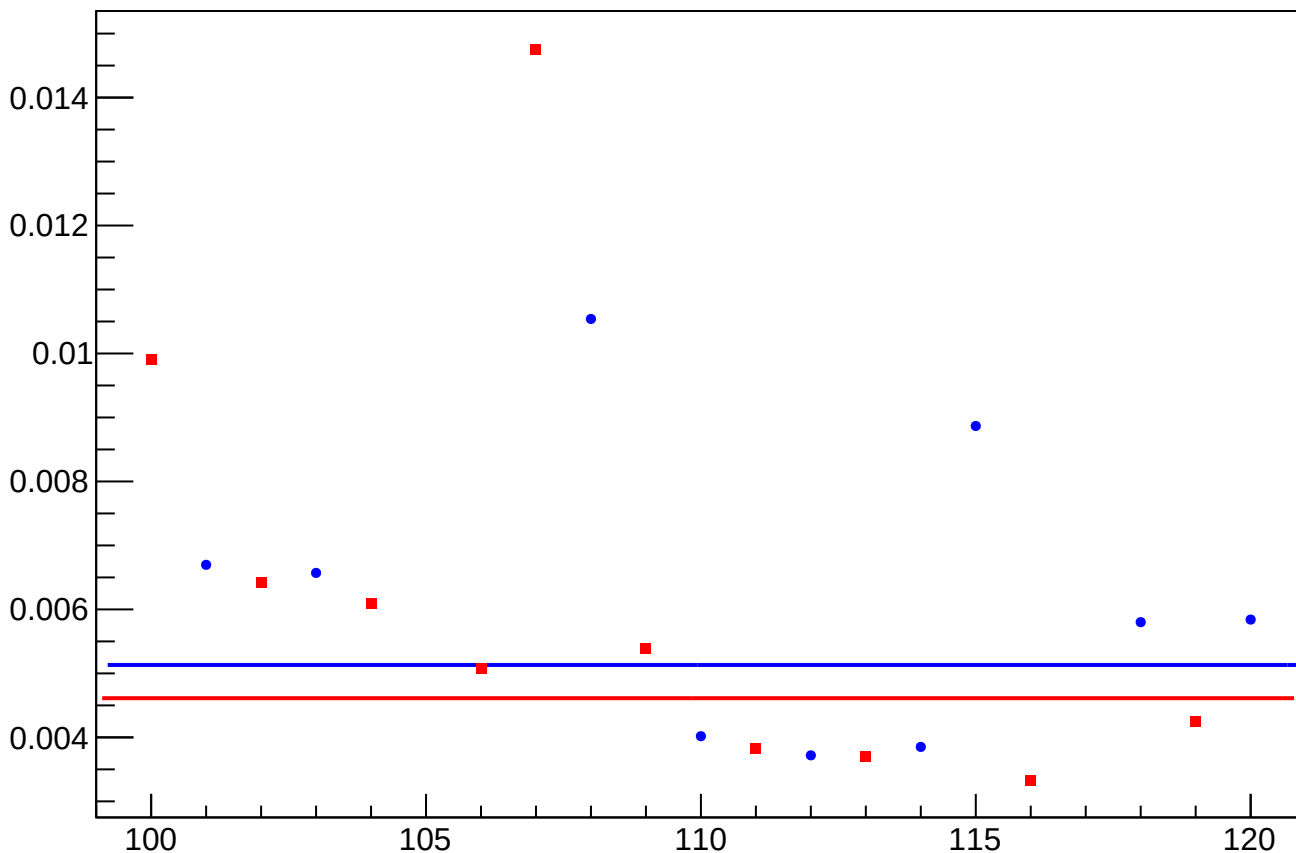
Right: -0.000+/-0.000 χ^2/NDF : 23.1/18

In: -0.000+/-0.000 χ^2/NDF :8.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.1/18

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 : 638866.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 605093.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

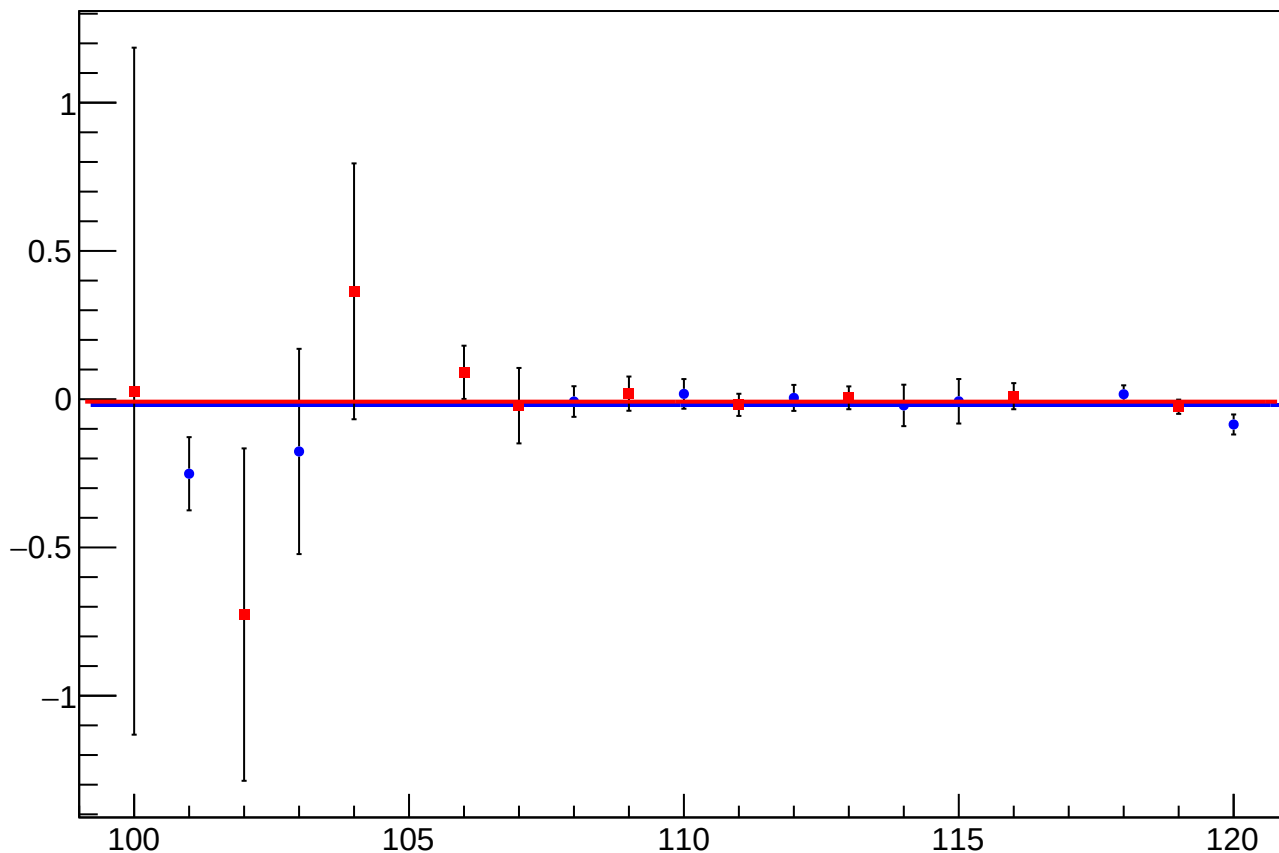
Right: 0.005+/-0.000 χ^2/NDF : 1282825.9/18

In: 0.005+/-0.000 χ^2/NDF : 638866.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1282825.9/18

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.016 χ^2/NDF : 9.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.008 ± 0.016 χ^2/NDF : 4.7/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

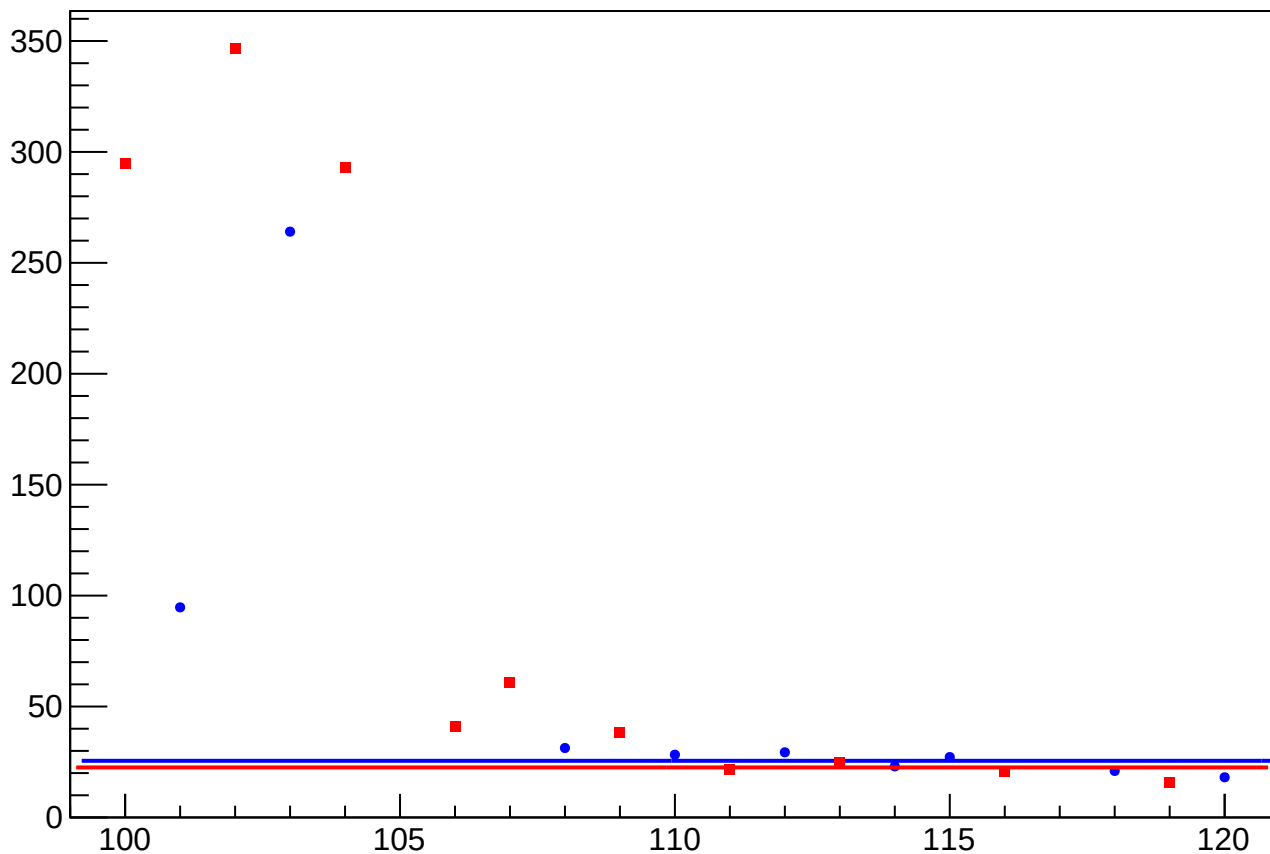
Right: -0.014 ± 0.011 χ^2/NDF : 14.9/18

In: -0.020 ± 0.016 χ^2/NDF : 9.9/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.014 ± 0.011 χ^2/NDF : 14.9/18

asym_us_dd_atlr_dd_dd_eigen_dit_vs_slug, Sign Corrected



Right In: 25.536+/-0.012 χ^2/NDF : 1771059.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.548+/-0.011 χ^2/NDF : 2165157.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

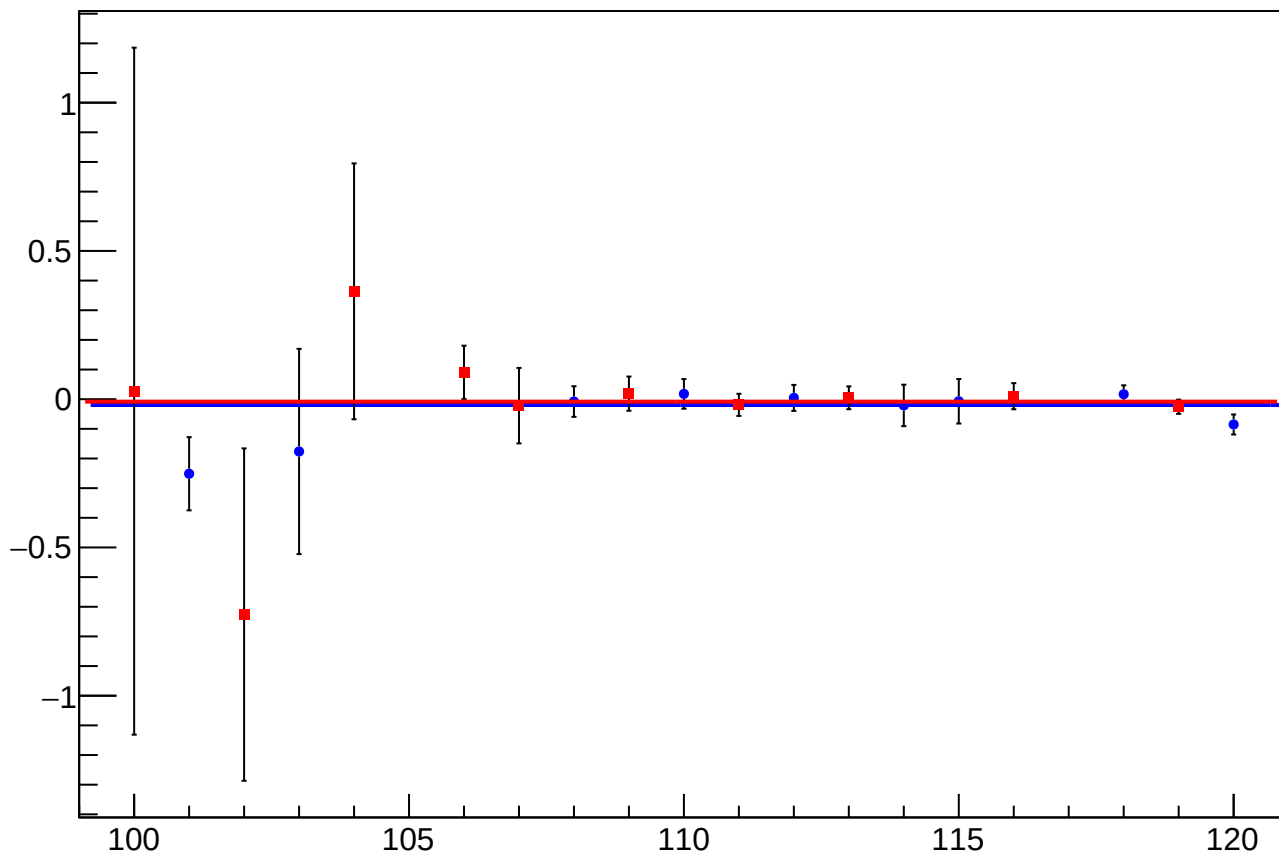
Right: 23.966+/-0.008 χ^2/NDF : 3971287.3/18

In: 25.536+/-0.012 χ^2/NDF : 1771059.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.966+/-0.008 χ^2/NDF : 3971287.3/18

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.016 χ^2/NDF : 9.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.008+/-0.016 χ^2/NDF : 4.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

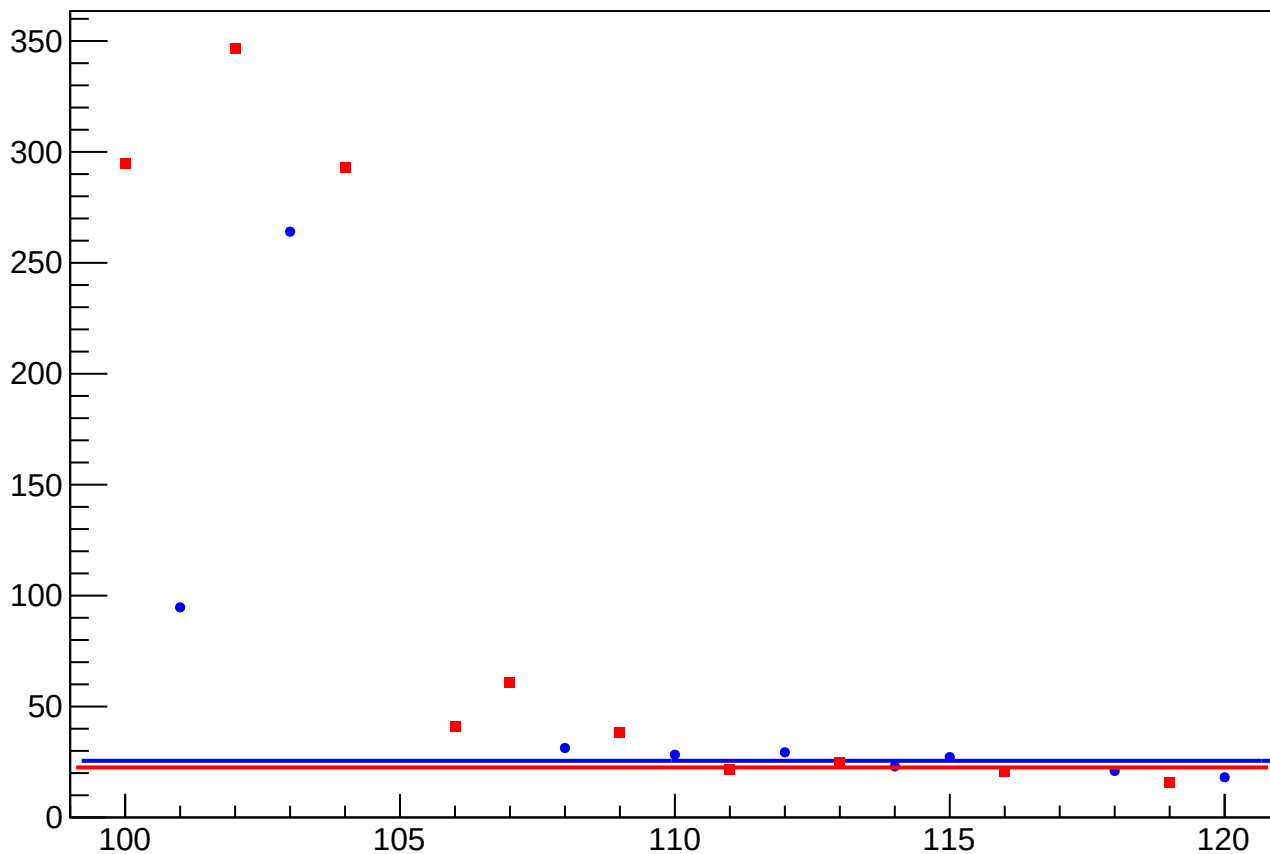
Right: -0.014+/-0.011 χ^2/NDF : 14.9/18

In: -0.020+/-0.016 χ^2/NDF :9.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.014+/-0.011 χ^2/NDF : 14.9/18

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.536+/-0.012 χ^2/NDF : 1771059.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.548+/-0.011 χ^2/NDF : 2165157.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

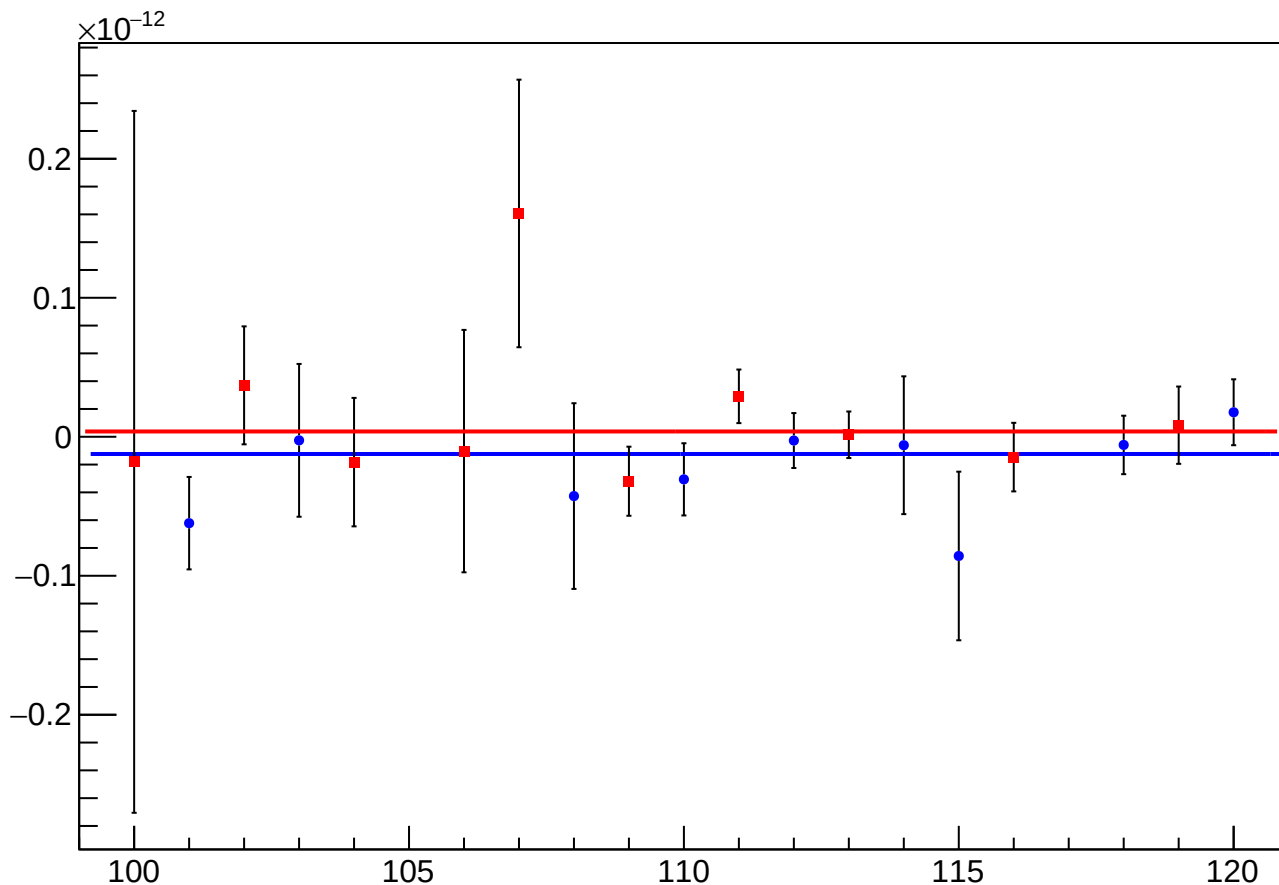
Right: 23.966+/-0.008 χ^2/NDF : 3971287.3/18

In: 25.536+/-0.012 χ^2/NDF : 1771059.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.966+/-0.008 χ^2/NDF : 3971287.3/18

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: 6.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 7.9/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

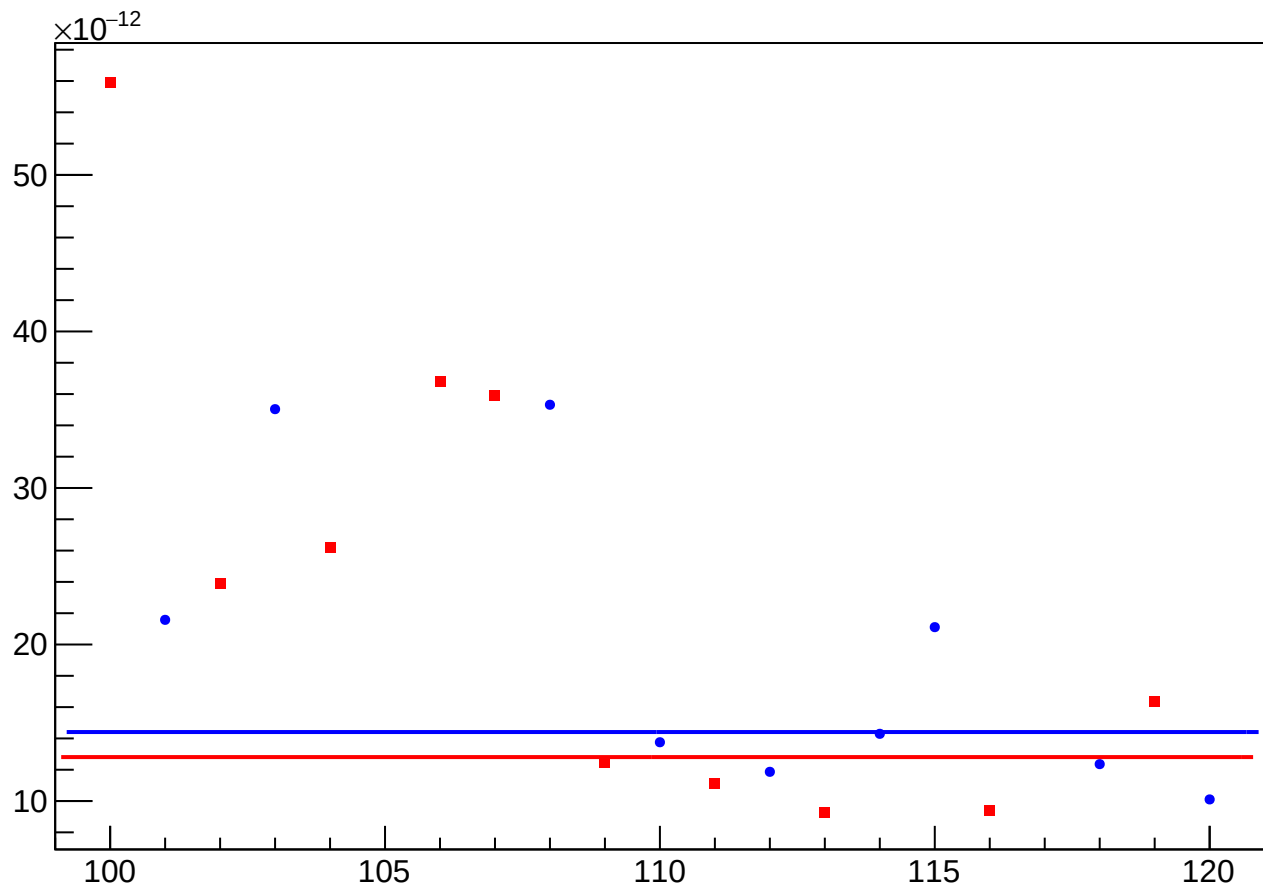
Right: -0.000+/-0.000 χ^2 /NDF: 15.8/18

In: -0.000+/-0.000 χ^2 /NDF:6.4/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 15.8/18

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 : 714215.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 806185.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

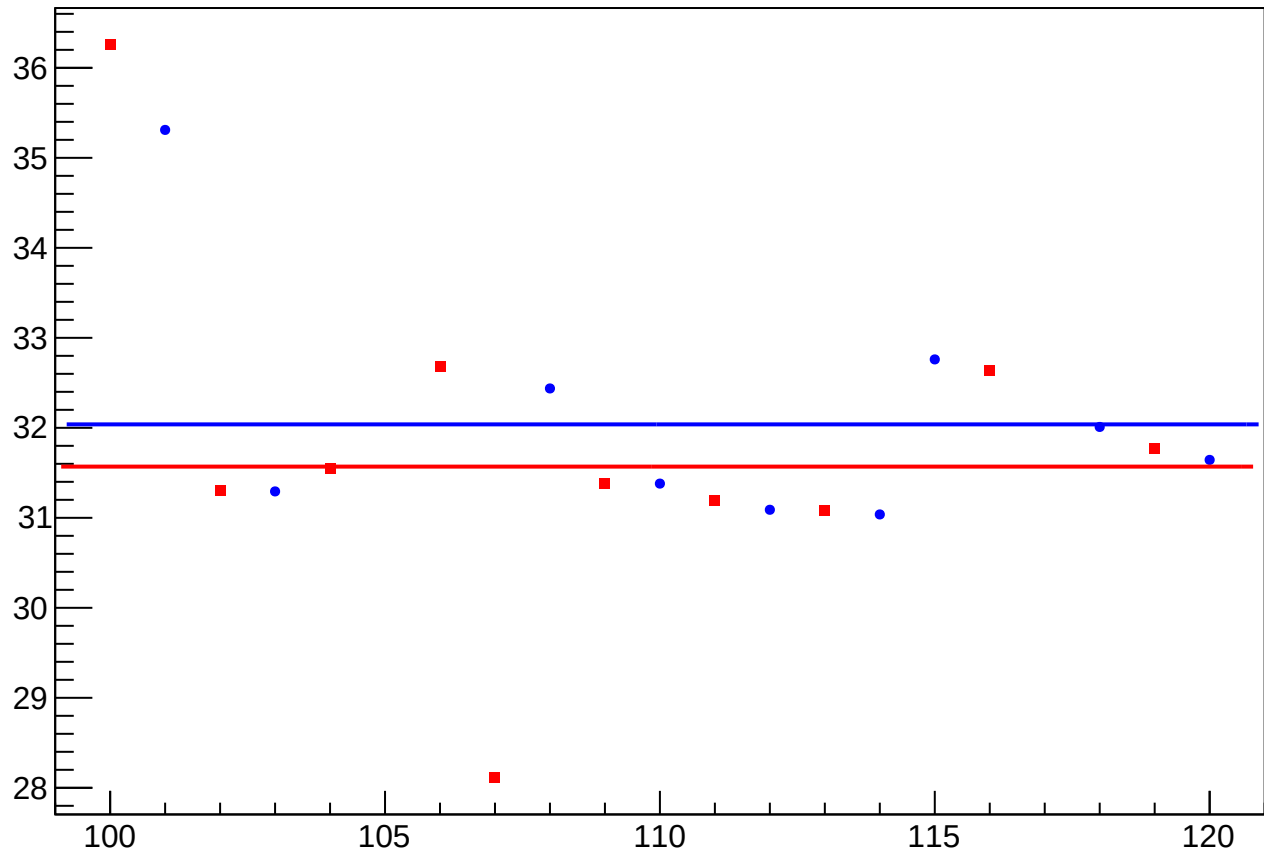
Right: 0.000+/-0.000 χ^2/NDF : 1548765.2/18

In: 0.000+/-0.000 χ^2/NDF : 714215.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1548765.2/18

yield_usl_mean vs Slug, Sign Corrected



Right In: 32.038+/-0.000 χ^2/NDF : 822774910.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.569+/-0.000 χ^2/NDF : 327896939.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

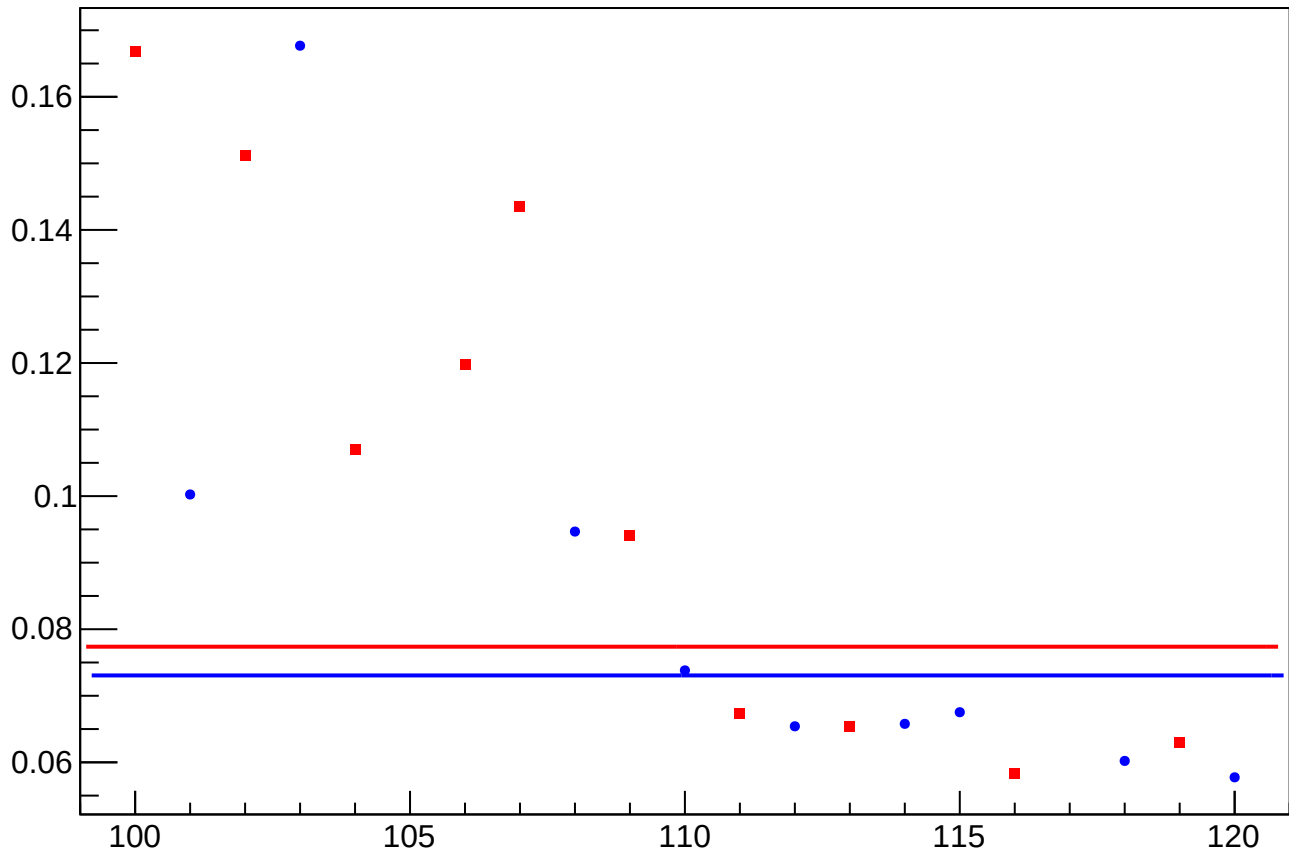
Right: 31.807+/-0.000 χ^2/NDF : 1213163026.8/18

In: 32.038+/-0.000 χ^2/NDF : 822774910.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.807+/-0.000 χ^2/NDF : 1213163026.8/18

yield_usl_rms vs Slug, Sign Corrected



Right In: 0.073+/-0.000 χ^2/NDF : 603758.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.077+/-0.000 χ^2/NDF : 728763.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

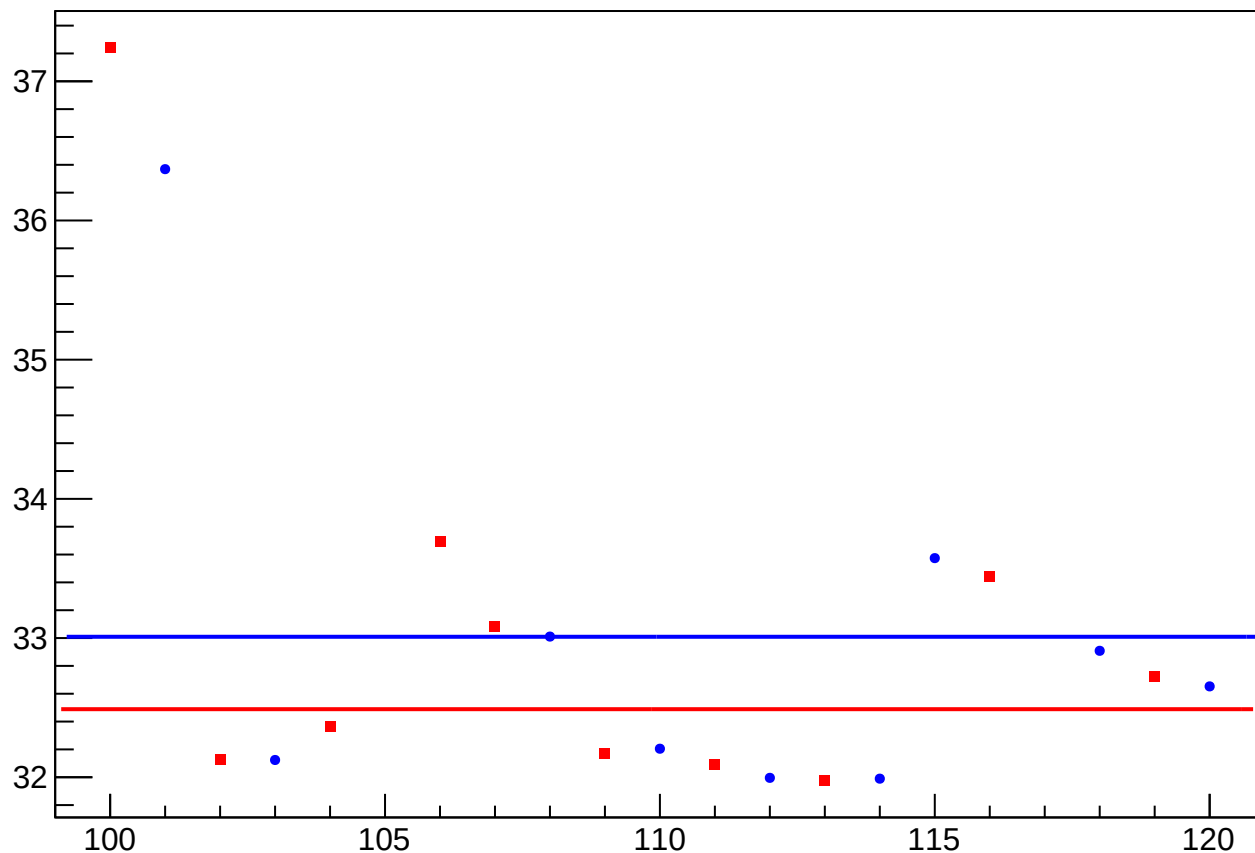
Right: 0.075+/-0.000 χ^2/NDF : 1343105.4/18

In: 0.073+/-0.000 χ^2/NDF :603758.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.075+/-0.000 χ^2/NDF : 1343105.4/18

yield_usr_mean vs Slug, Sign Corrected



Right In: 33.009+/-0.000 χ^2/NDF : 627742821.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.489+/-0.000 χ^2/NDF : 134810073.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

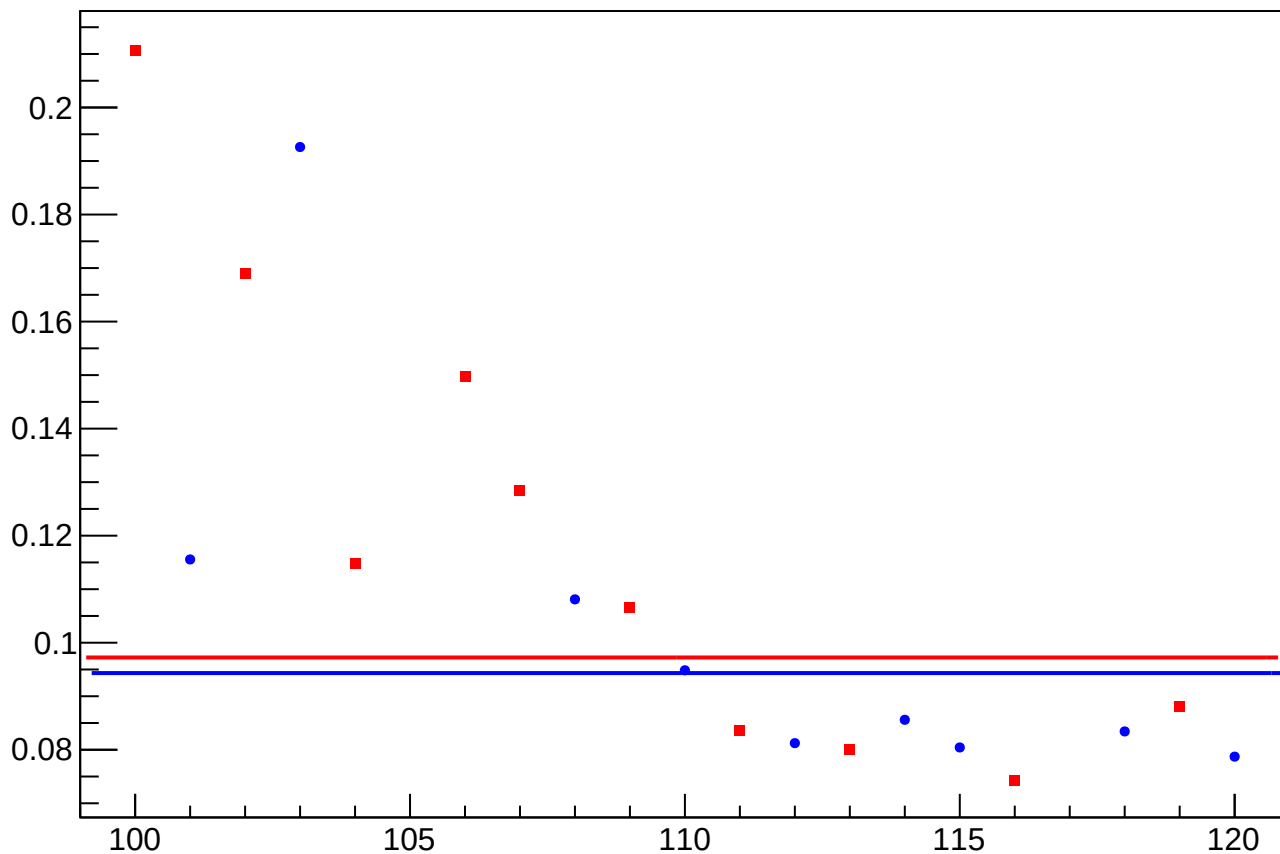
Right: 32.745+/-0.000 χ^2/NDF : 810847330.5/18

In: 33.009+/-0.000 χ^2/NDF : 627742821.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.745+/-0.000 χ^2/NDF : 810847330.5/18

yield_usr_rms vs Slug, Sign Corrected



Right In: 0.094+/-0.000 χ^2/NDF : 430919.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.097+/-0.000 χ^2/NDF : 486929.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

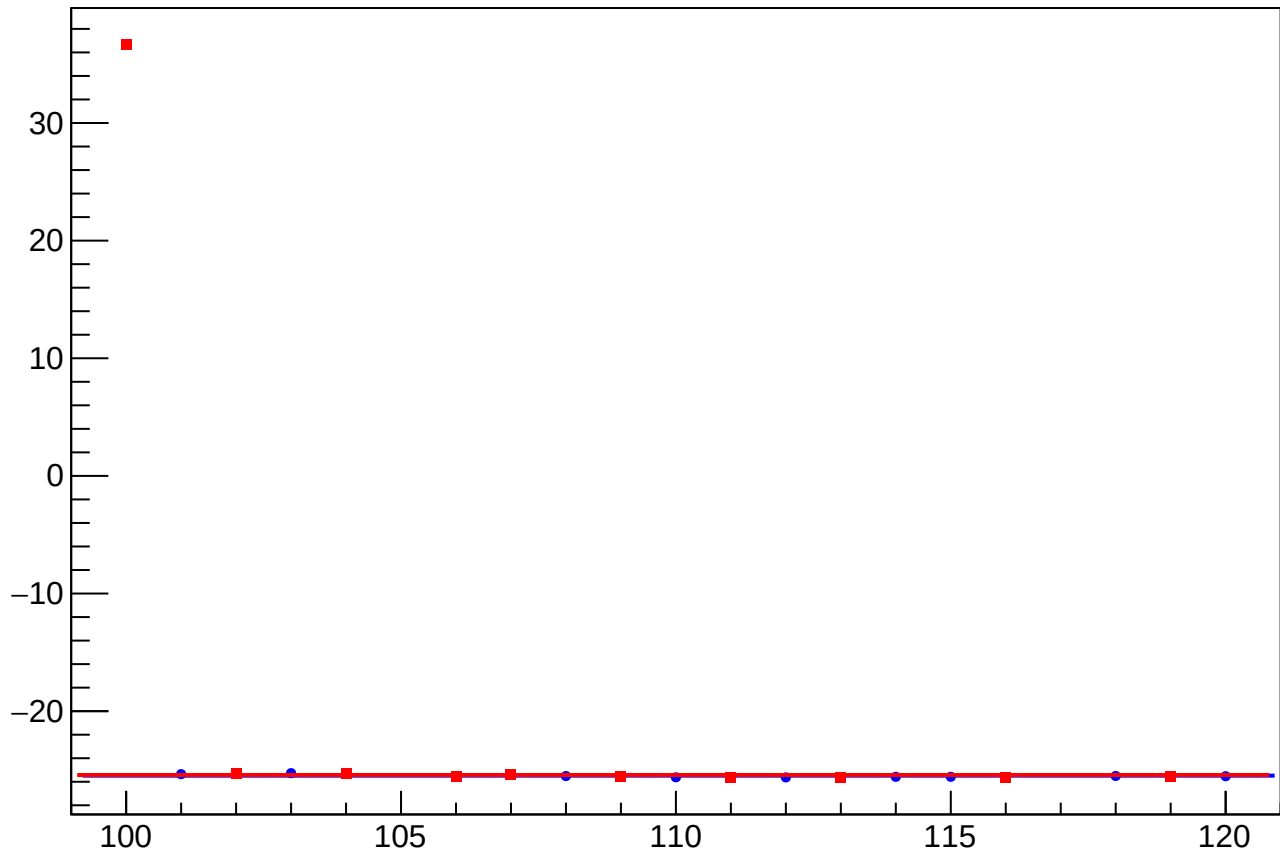
Right: 0.096+/-0.000 χ^2/NDF : 920879.7/18

In: 0.094+/-0.000 χ^2/NDF :430919.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.096+/-0.000 χ^2/NDF : 920879.7/18

yield_dsl_mean vs Slug, Sign Corrected



Right In: -25.481+/-0.000 χ^2/NDF : 36335255.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.427+/-0.000 χ^2/NDF : 8817470742.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

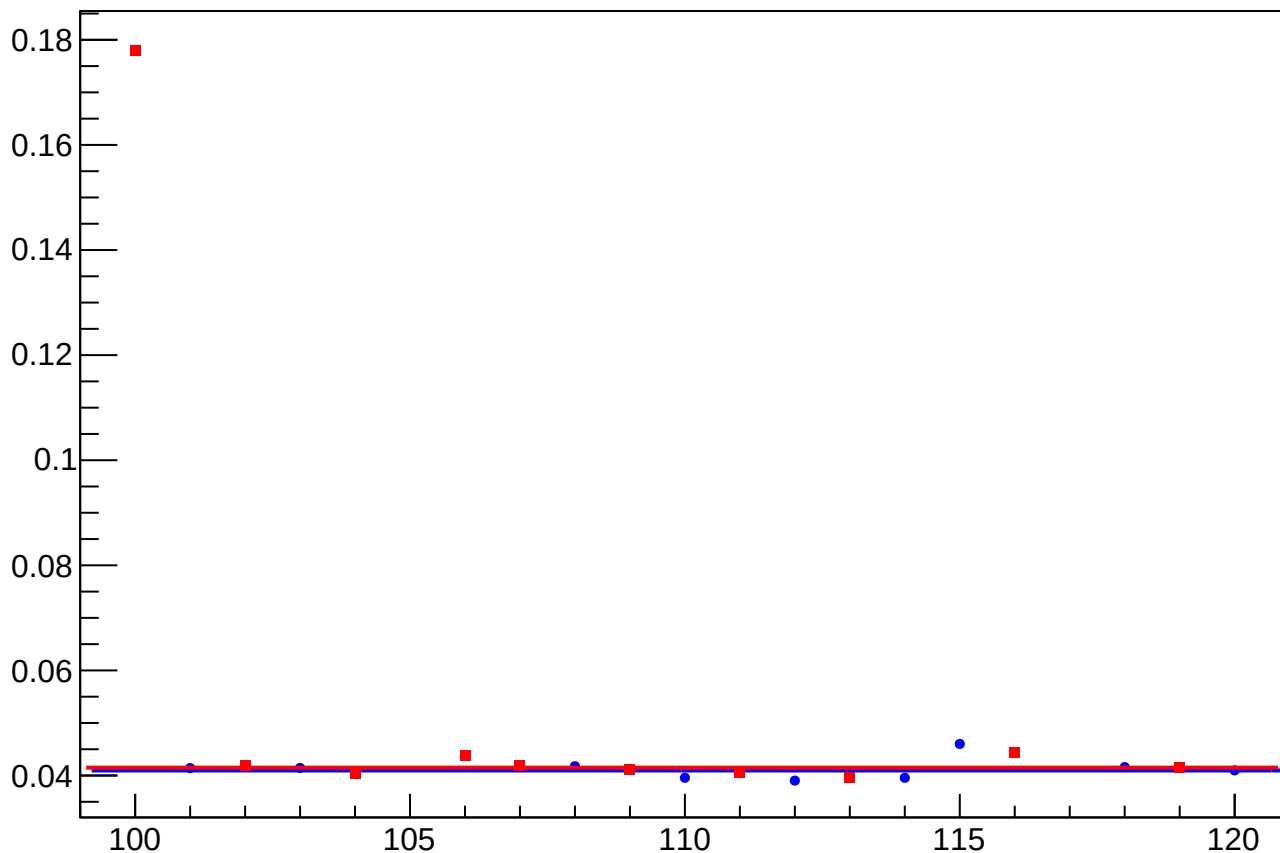
Right: -25.453+/-0.000 χ^2/NDF : 8857127627.1/18

In: -25.481+/-0.000 χ^2/NDF : 36335255.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.453+/-0.000 χ^2/NDF : 8857127627.1/18

yield_dsl_rms vs Slug, Sign Corrected



Right In: 0.041+/-0.000 χ^2 /NDF: 7887.0/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.041+/-0.000 χ^2 /NDF: 92011.0/9

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

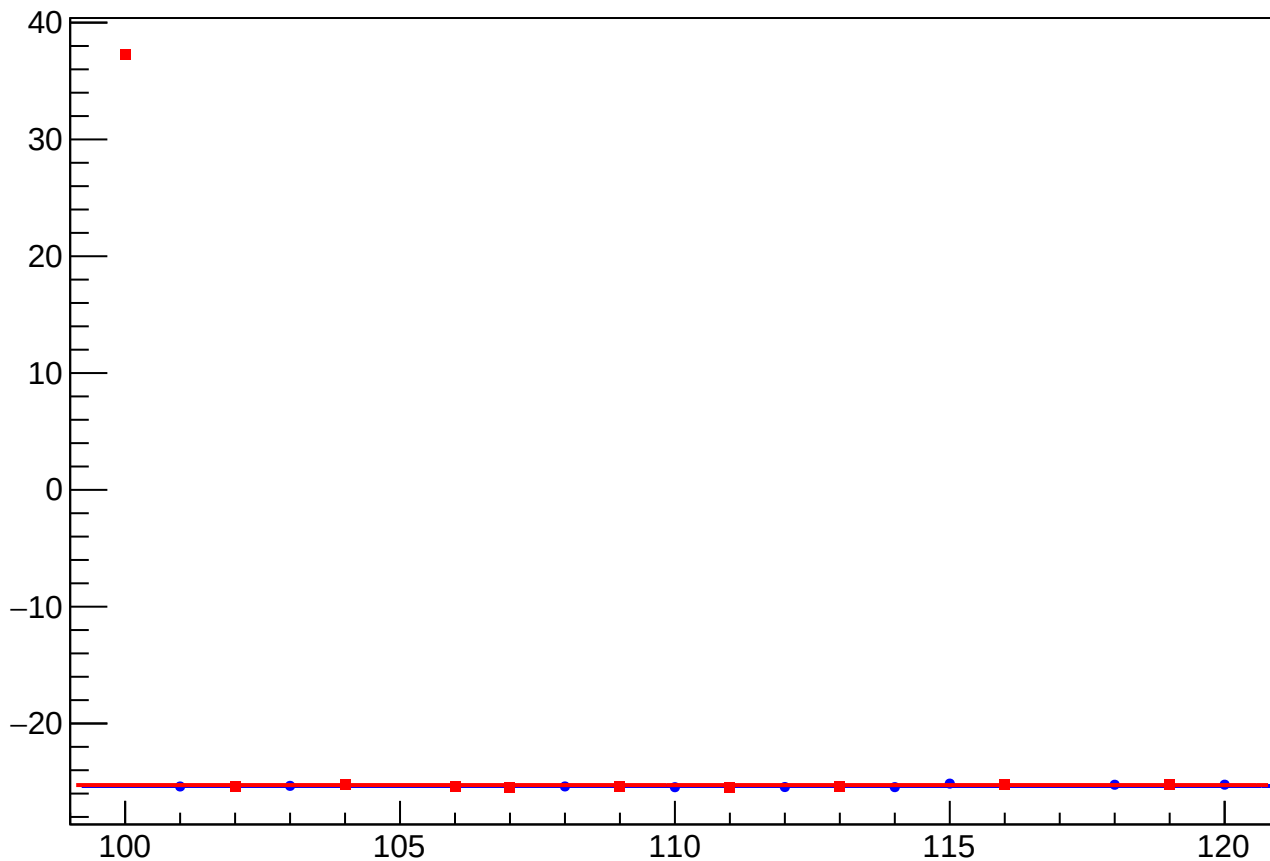
Right: 0.041+/-0.000 χ^2 /NDF: 100554.3/18

In: 0.041+/-0.000 χ^2 /NDF: 7887.0/8

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.041+/-0.000 χ^2 /NDF: 100554.3/18

yield_dsr_mean vs Slug, Sign Corrected



Right In: -25.351+/-0.000 χ^2/NDF : 7659309.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.271+/-0.000 χ^2/NDF : 6302625189.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

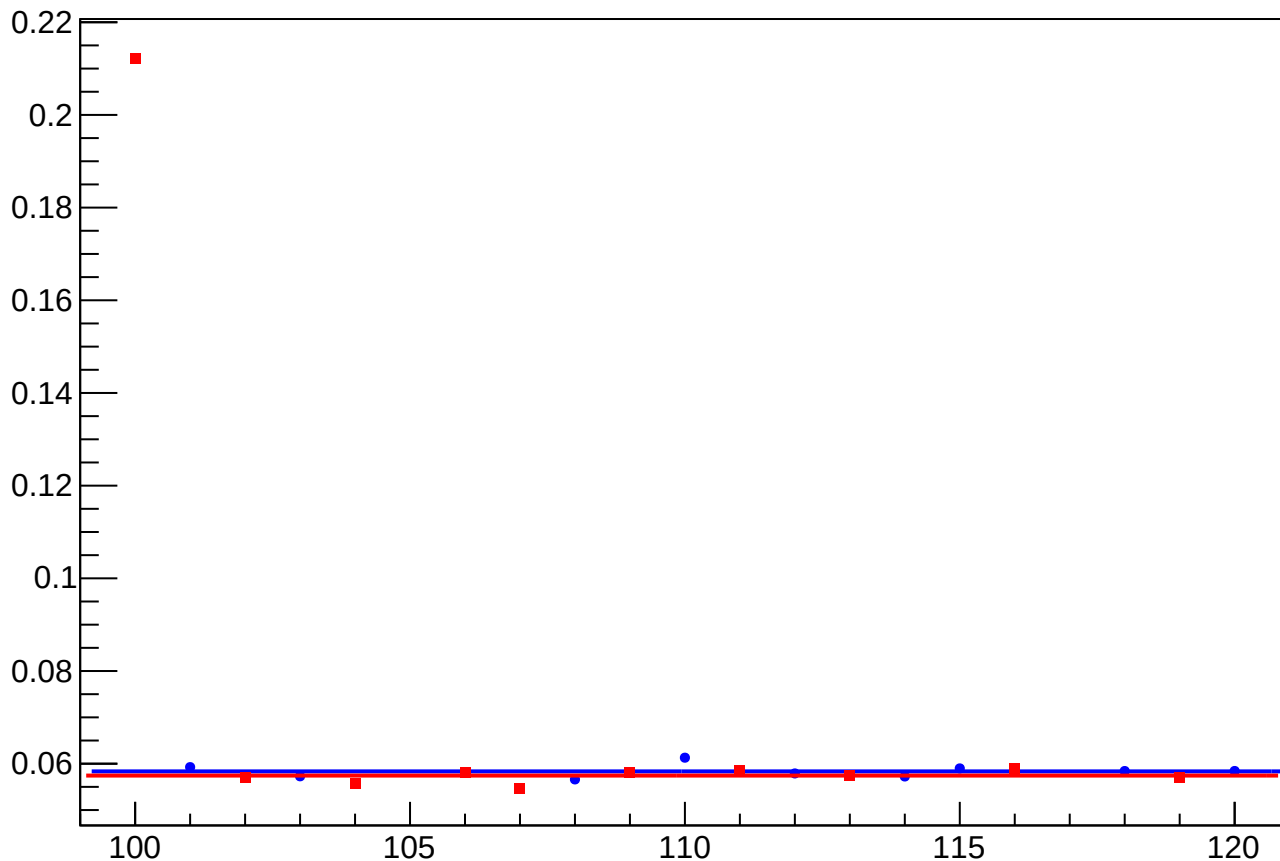
Right: -25.309+/-0.000 χ^2/NDF : 6313867756.5/18

In: -25.351+/-0.000 χ^2/NDF : 7659309.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.309+/-0.000 χ^2/NDF : 6313867756.5/18

yield_dsr_rms vs Slug, Sign Corrected



Right In: 0.058+/-0.000 χ^2/NDF : 3270.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.057+/-0.000 χ^2/NDF : 80087.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

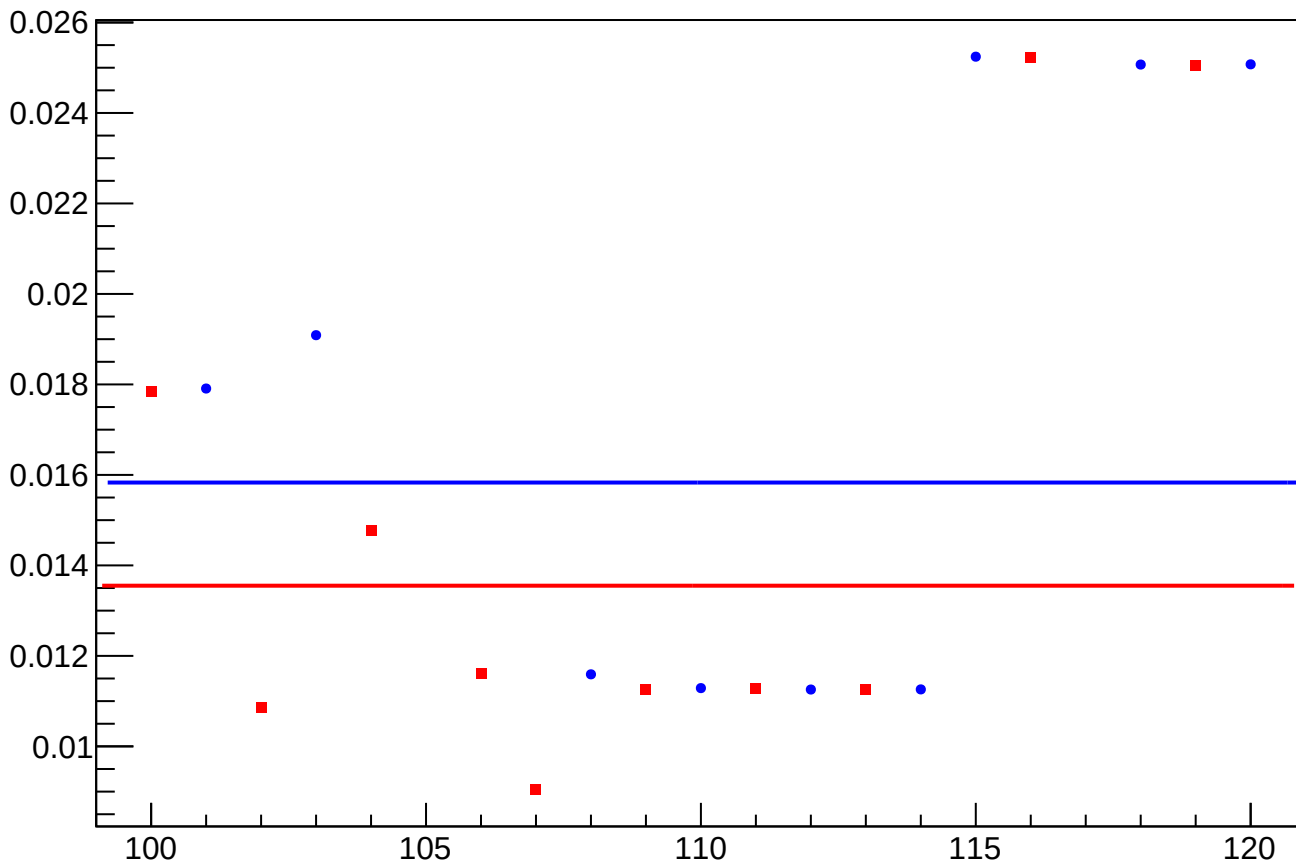
Right: 0.058+/-0.000 χ^2/NDF : 84273.4/18

In: 0.058+/-0.000 χ^2/NDF : 3270.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.058+/-0.000 χ^2/NDF : 84273.4/18

yield_atl1_mean vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 27119645771.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 25026702005.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

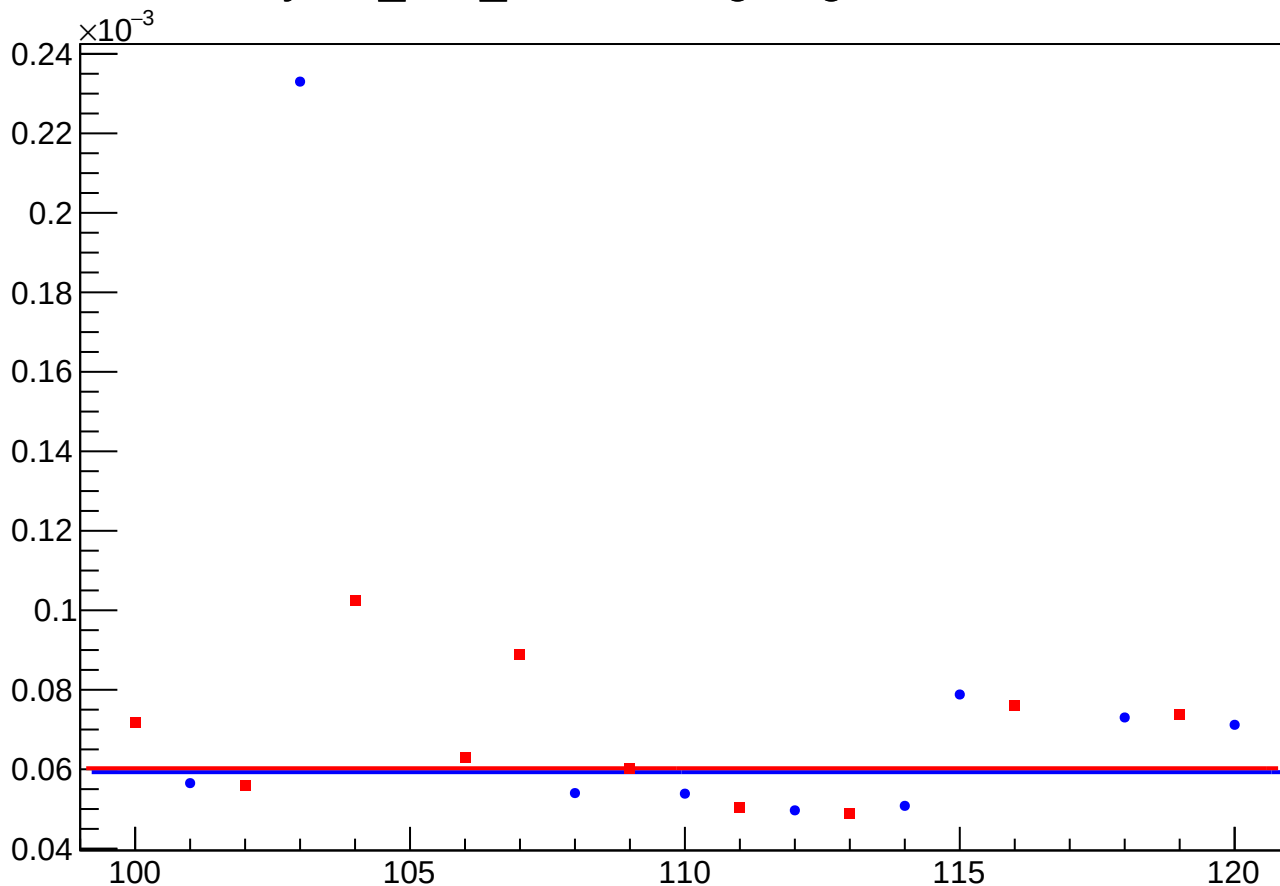
Right: 0.015+/-0.000 χ^2/NDF : 54554067209.7/18

In: 0.016+/-0.000 χ^2/NDF : 27119645771.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 54554067209.7/18

yield_atl1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 674000.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 312486.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

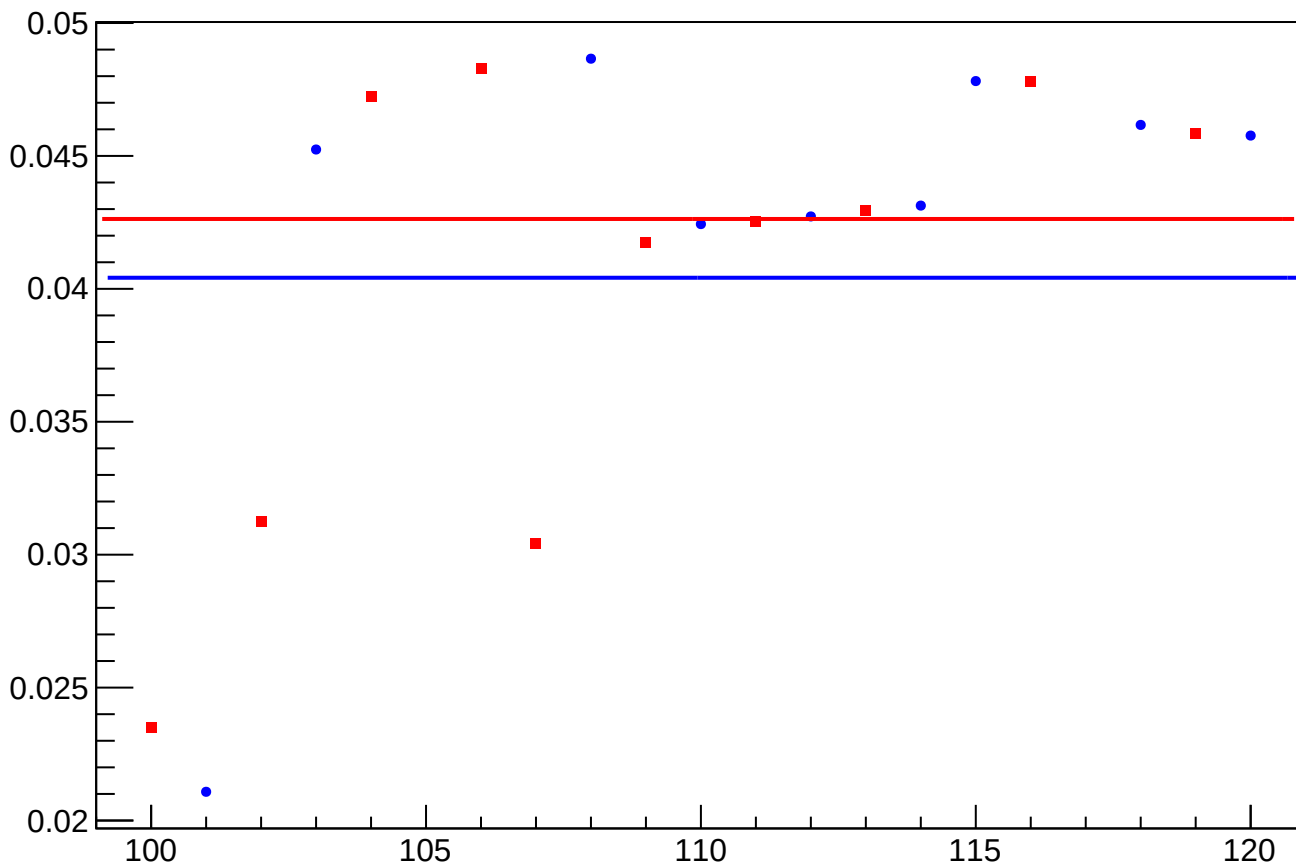
Right: 0.000+/-0.000 χ^2/NDF : 987389.8/18

In: 0.000+/-0.000 χ^2/NDF : 674000.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 987389.8/18

yield_atl2_mean vs Slug, Sign Corrected



Right In: 0.040+/-0.000 χ^2/NDF : 2417054432.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.043+/-0.000 χ^2/NDF : 756874066.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

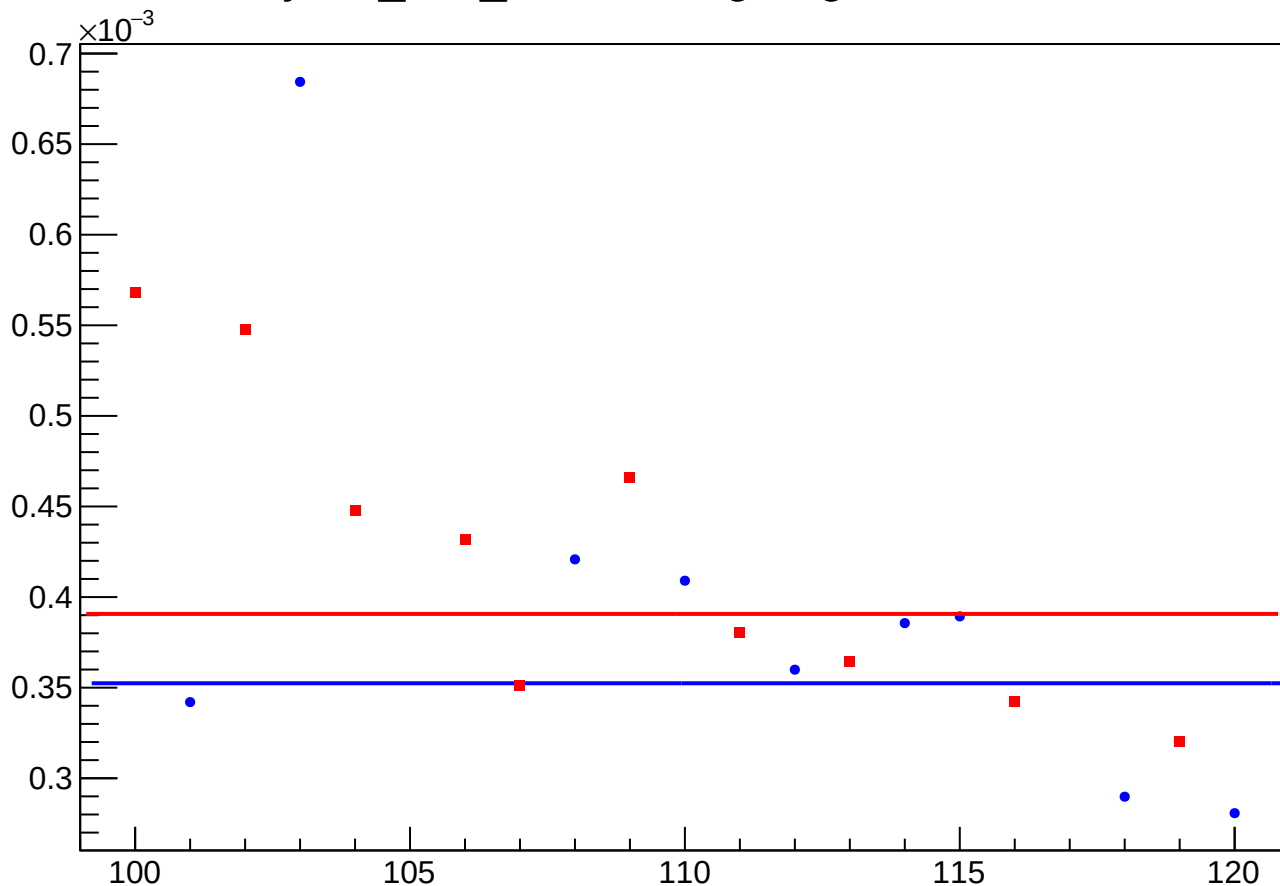
Right: 0.041+/-0.000 χ^2/NDF : 3232658252.2/18

In: 0.040+/-0.000 χ^2/NDF :2417054432.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.041+/-0.000 χ^2/NDF : 3232658252.2/18

yield_atl2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 386870.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 217672.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

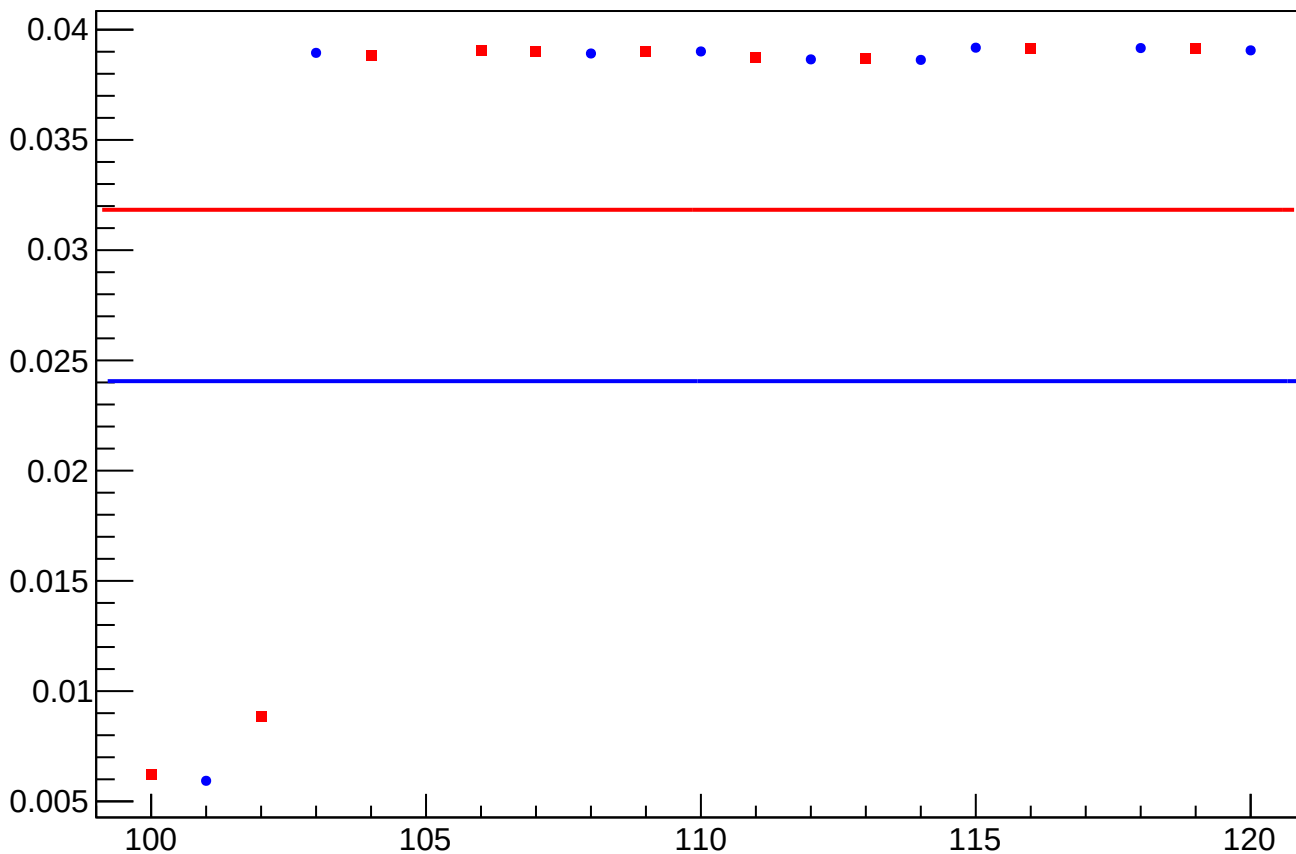
Right: 0.000+/-0.000 χ^2/NDF : 639792.5/18

In: 0.000+/-0.000 χ^2/NDF : 386870.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 639792.5/18

yield_atr1_mean vs Slug, Sign Corrected



Right In: 0.024+/-0.000

χ^2/NDF : 81847337208.9/8

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.028+/-0.000

χ^2/NDF : 132277495566.8/18

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.024+/-0.000

χ^2/NDF : 81847337208.9/8

Right Out: 0.032+/-0.000

χ^2/NDF : 42087560241.0/9

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

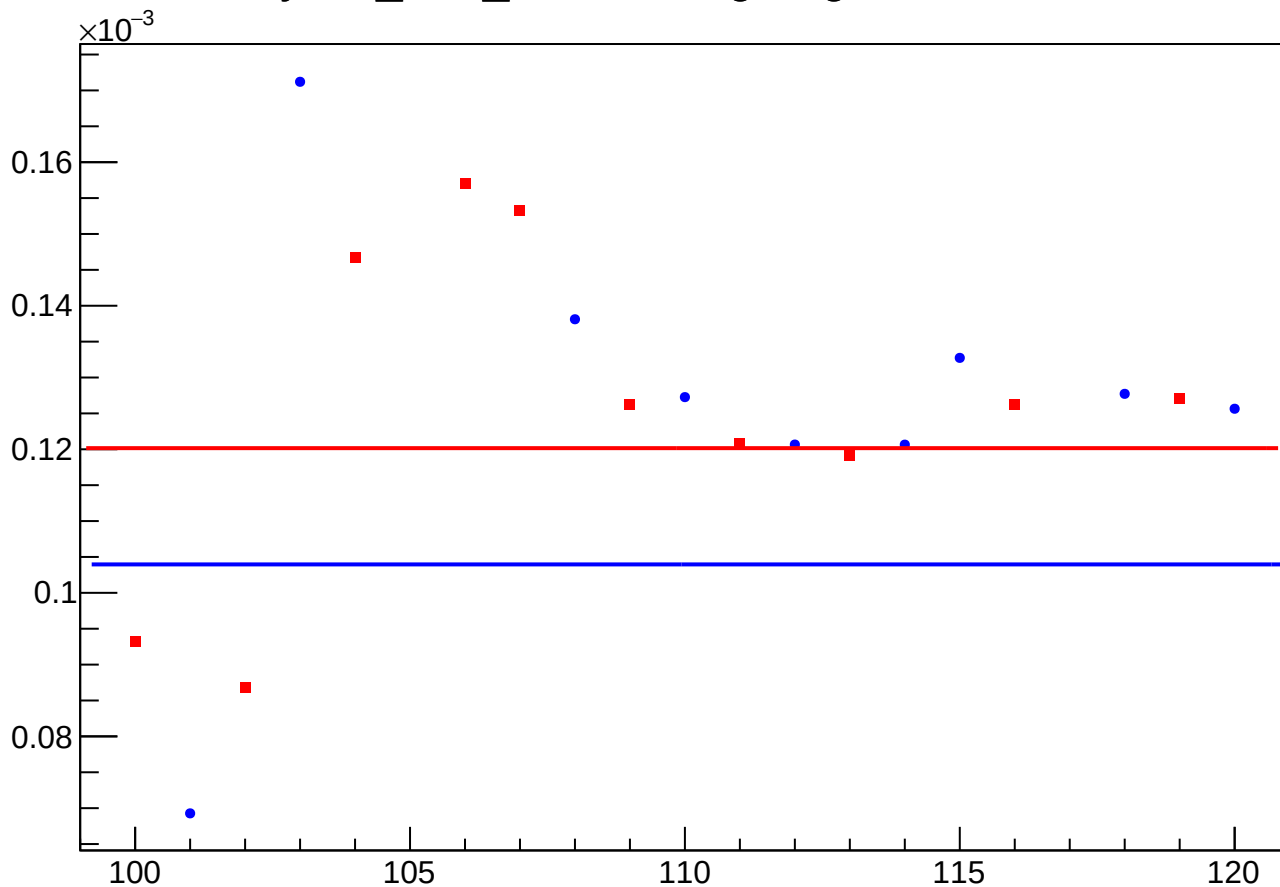
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.028+/-0.000

χ^2/NDF : 132277495566.8

yield_atr1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 678683.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 219002.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

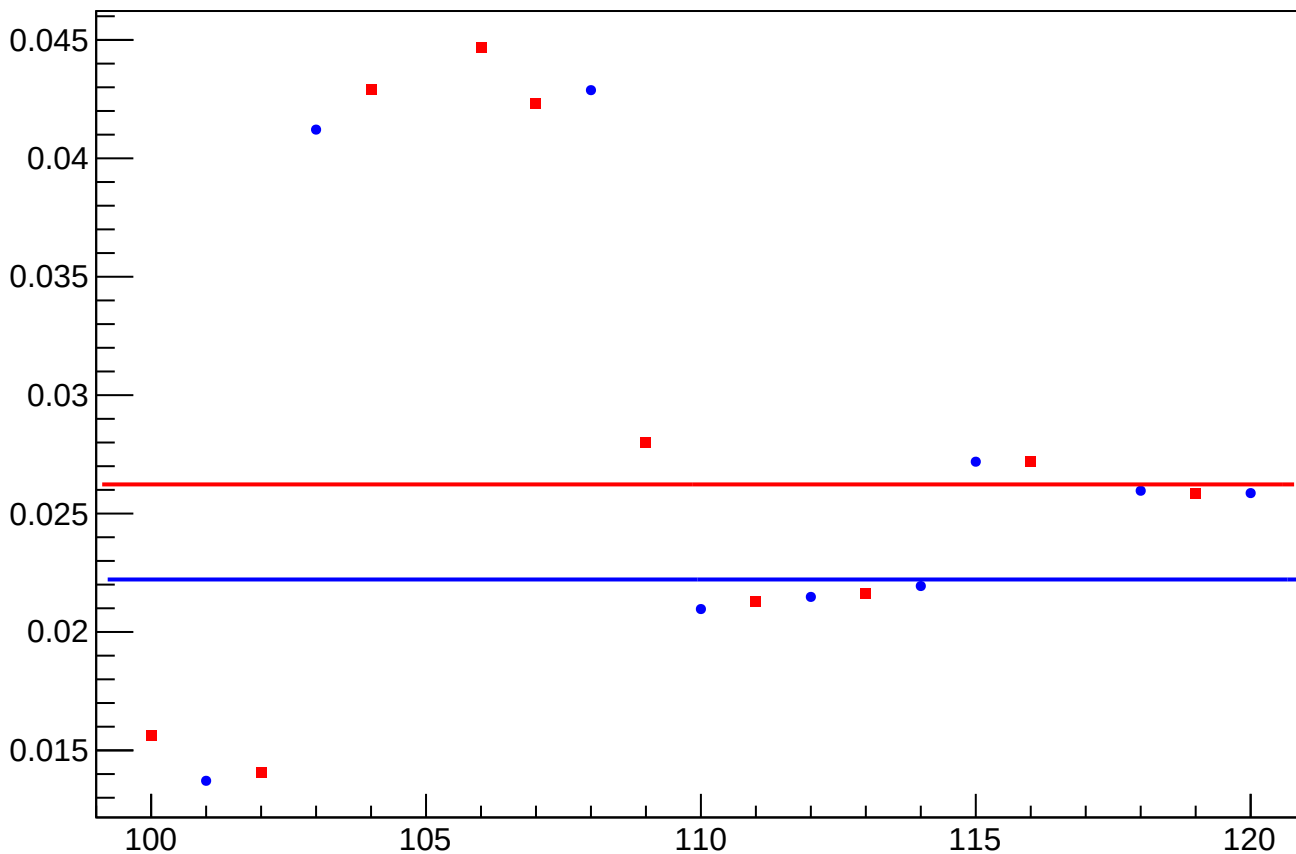
Right: 0.000+/-0.000 χ^2/NDF : 970150.0/18

In: 0.000+/-0.000 χ^2/NDF : 678683.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 970150.0/18

yield_atr2_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.000

χ^2/NDF : 3341048321.2/8

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.026+/-0.000

χ^2/NDF : 3227125484.2/9

Left 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 : 6910161667.8/18

In: 0.022+/-0.000

χ^2/NDF : 3341048321.2/8

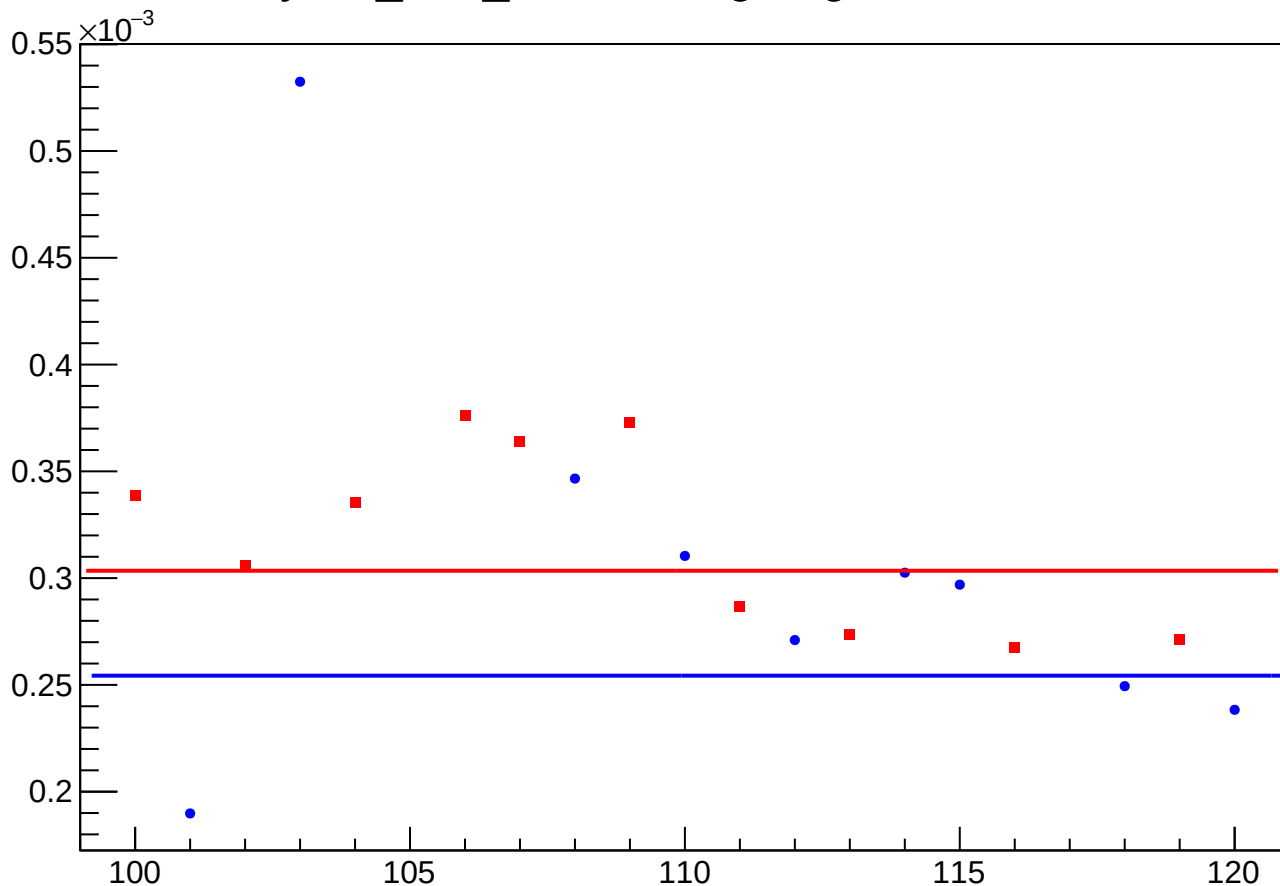
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.024+/-0.000

χ^2/NDF : 6910161667.8/18

yield_atr2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 528436.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 109650.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

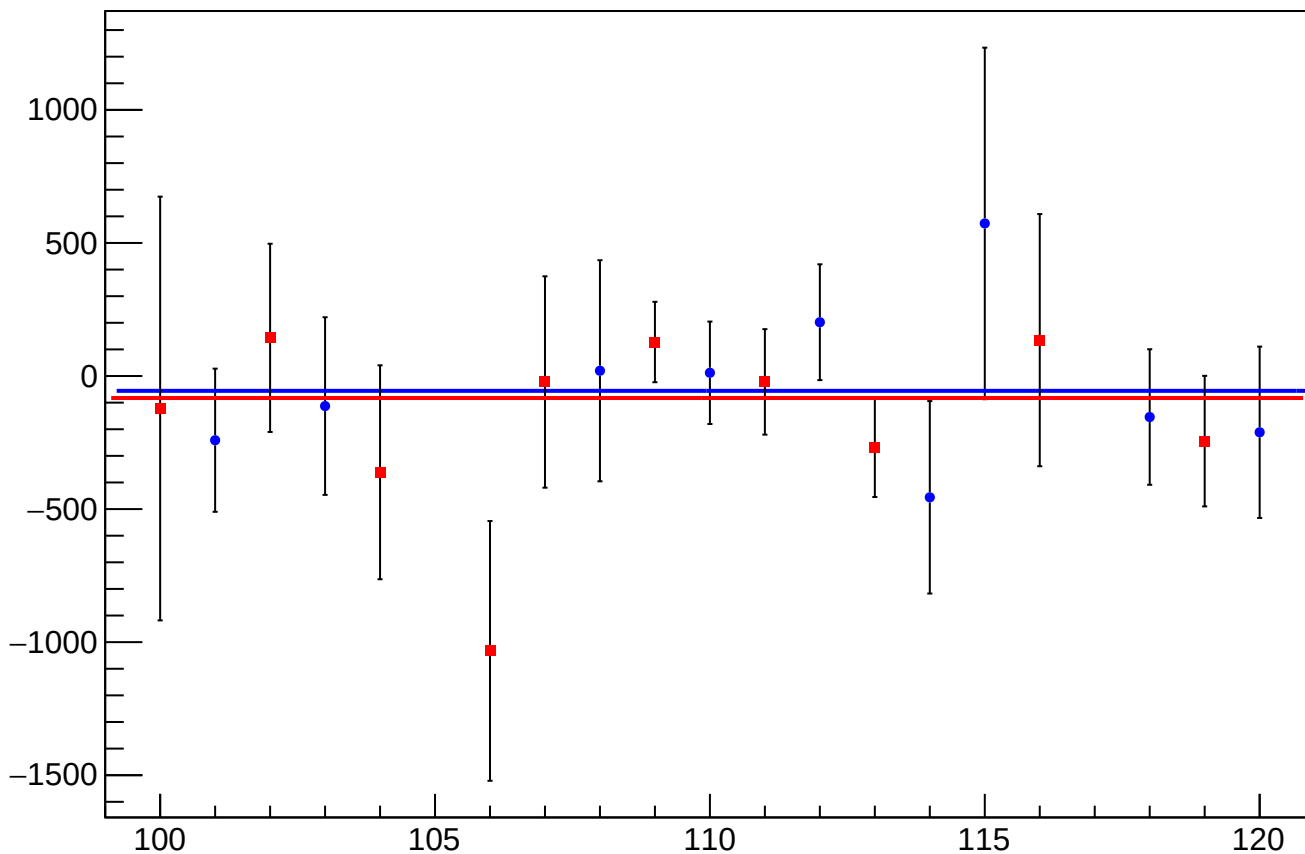
Right: 0.000+/-0.000 χ^2/NDF : 740539.8/18

In: 0.000+/-0.000 χ^2/NDF : 528436.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 740539.8/18

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -55.685+/-94.600 χ^2/NDF : 4.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -82.648+/-82.811 χ^2/NDF : 8.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

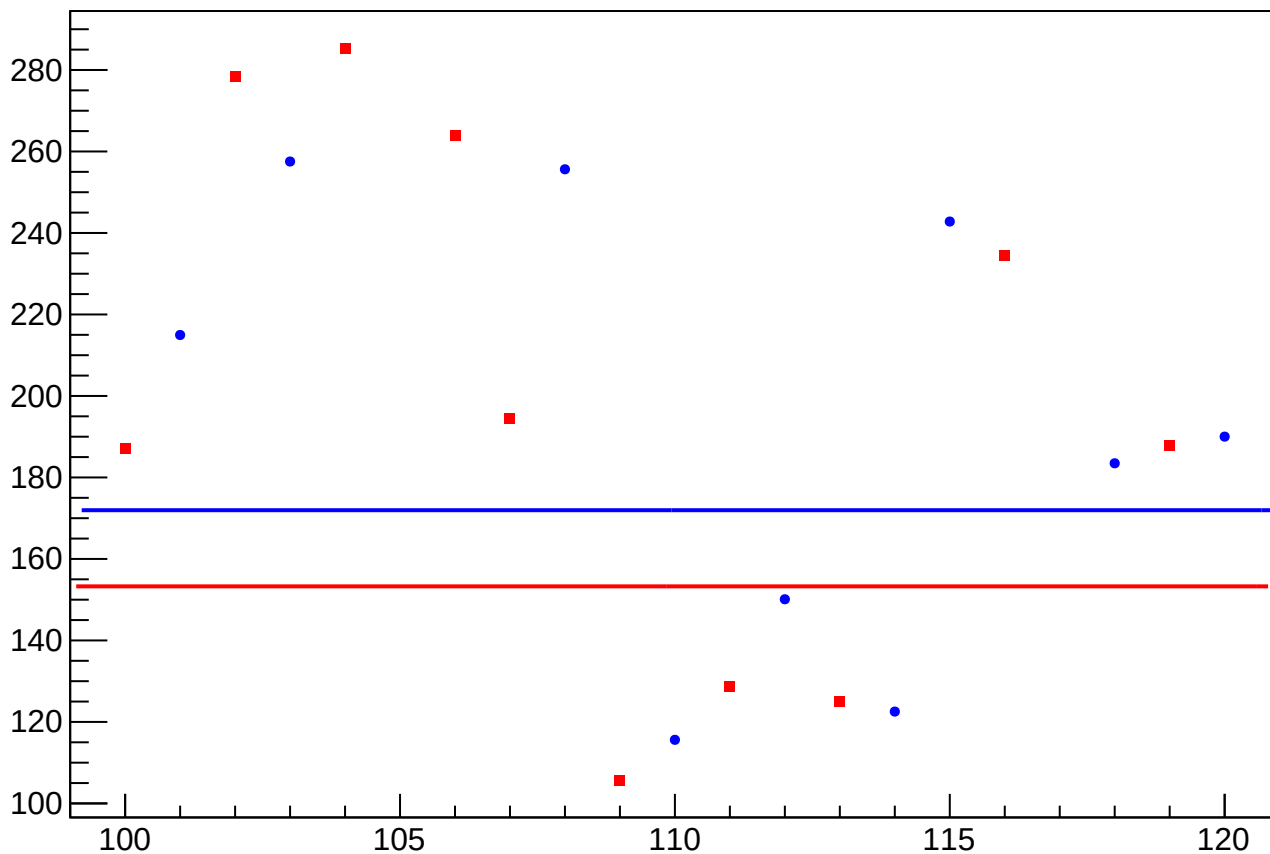
Right: -70.950+/-62.310 χ^2/NDF : 13.0/18

In: -55.685+/-94.600 χ^2/NDF :4.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -70.950+/-62.310 χ^2/NDF : 13.0/18

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 171.961+/-0.067 χ^2/NDF : 526222.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 153.271+/-0.059 χ^2/NDF : 968431.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

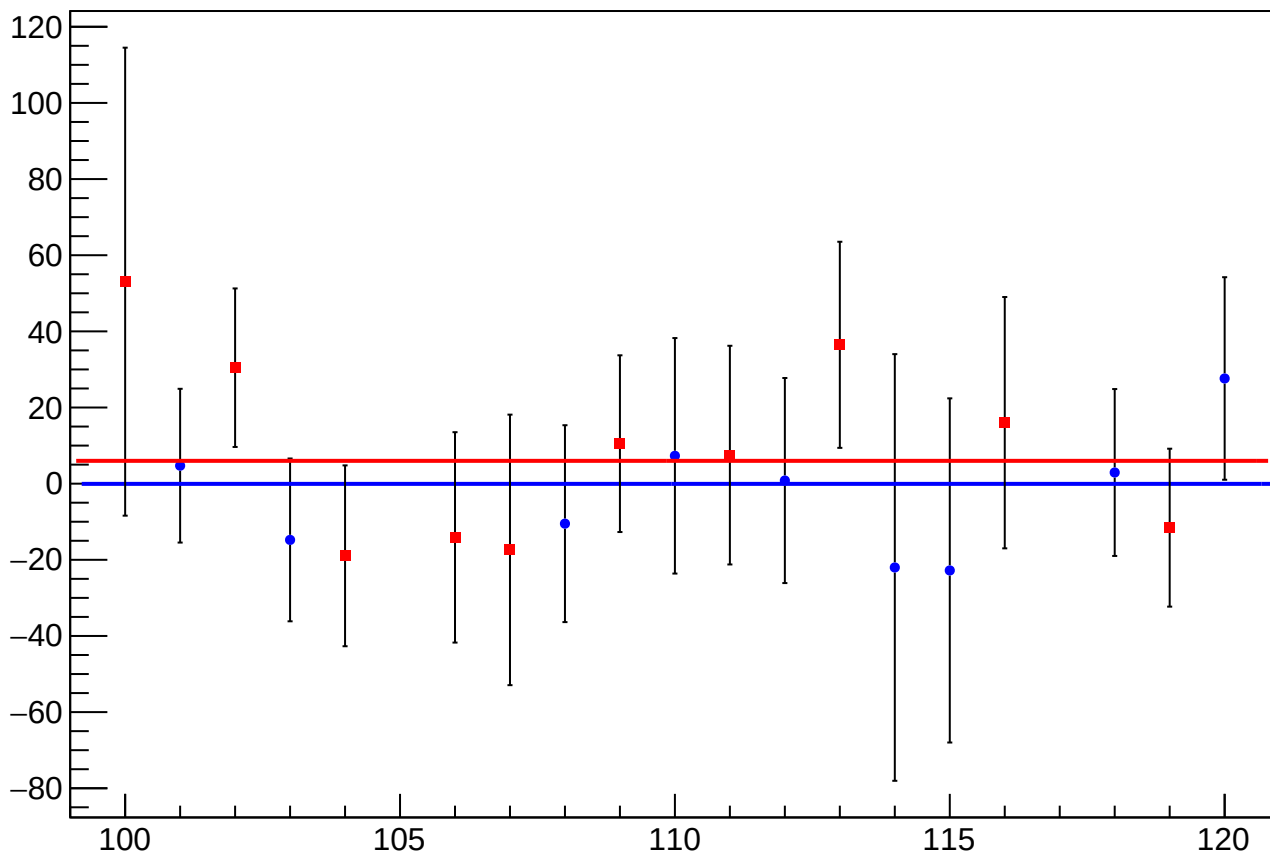
Right: 161.380+/-0.044 χ^2/NDF : 1538849.9/18

In: 171.961+/-0.067 χ^2/NDF :526222.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 161.380+/-0.044 χ^2/NDF : 1538849.9/18

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -0.053+/-8.817 χ^2/NDF : 2.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.993+/-8.414 χ^2/NDF : 6.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

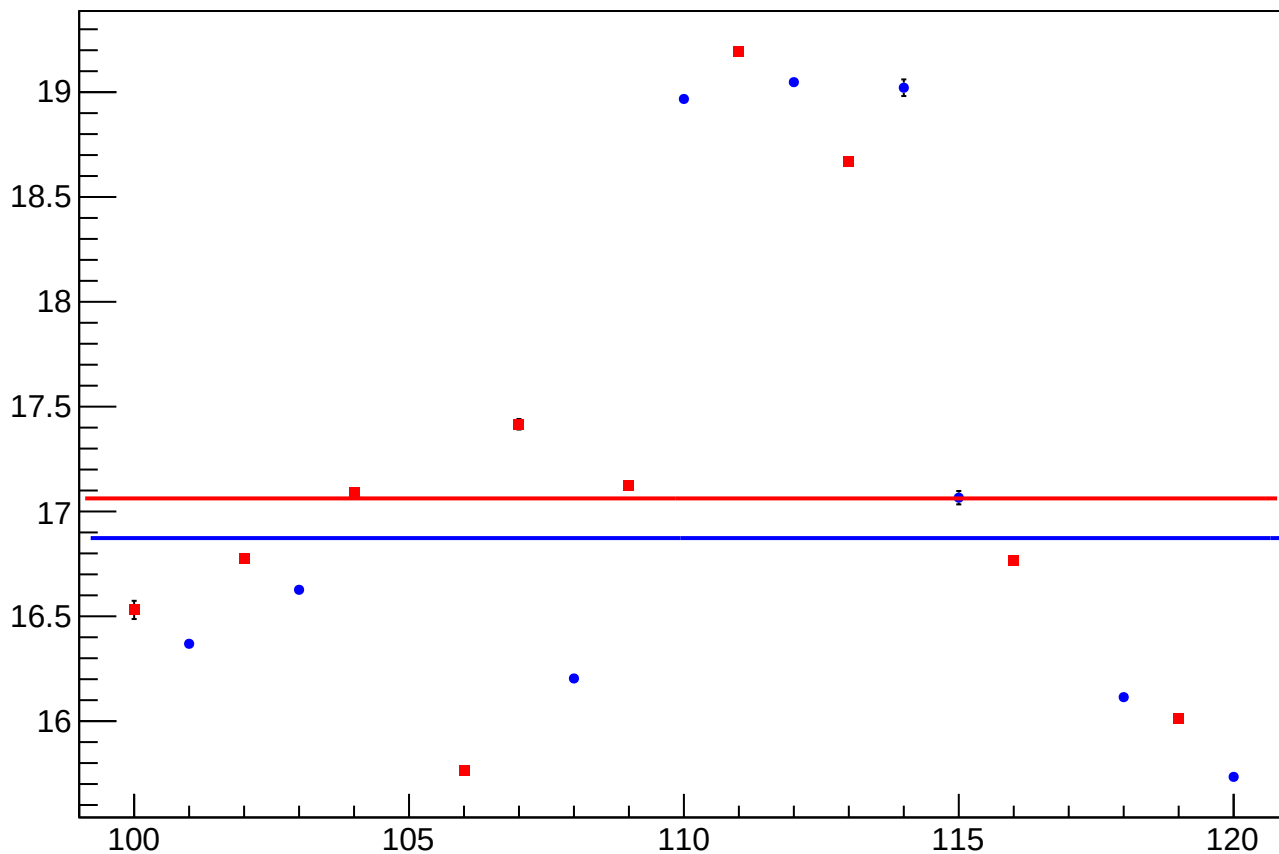
Right: 3.111+/-6.087 χ^2/NDF : 8.7/18

In: -0.053+/-8.817 χ^2/NDF : 2.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.111+/-6.087 χ^2/NDF : 8.7/18

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.873+/-0.006 χ^2/NDF : 34106.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.062+/-0.006 χ^2/NDF : 28501.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

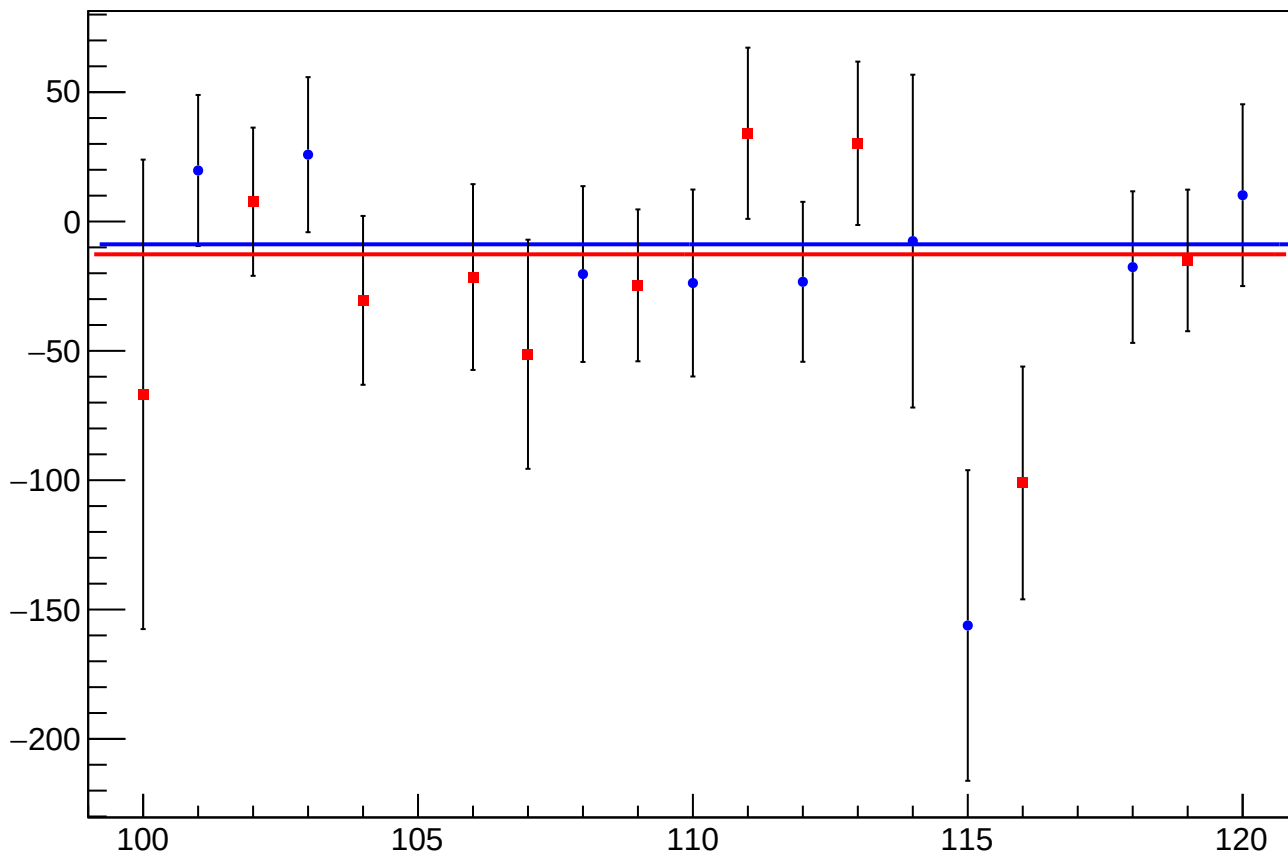
Right: 16.972+/-0.004 χ^2/NDF : 63089.8/18

In: 16.873+/-0.006 χ^2/NDF : 34106.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.972+/-0.004 χ^2/NDF : 63089.8/18

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -8.814+/-11.579 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.678+/-10.866 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

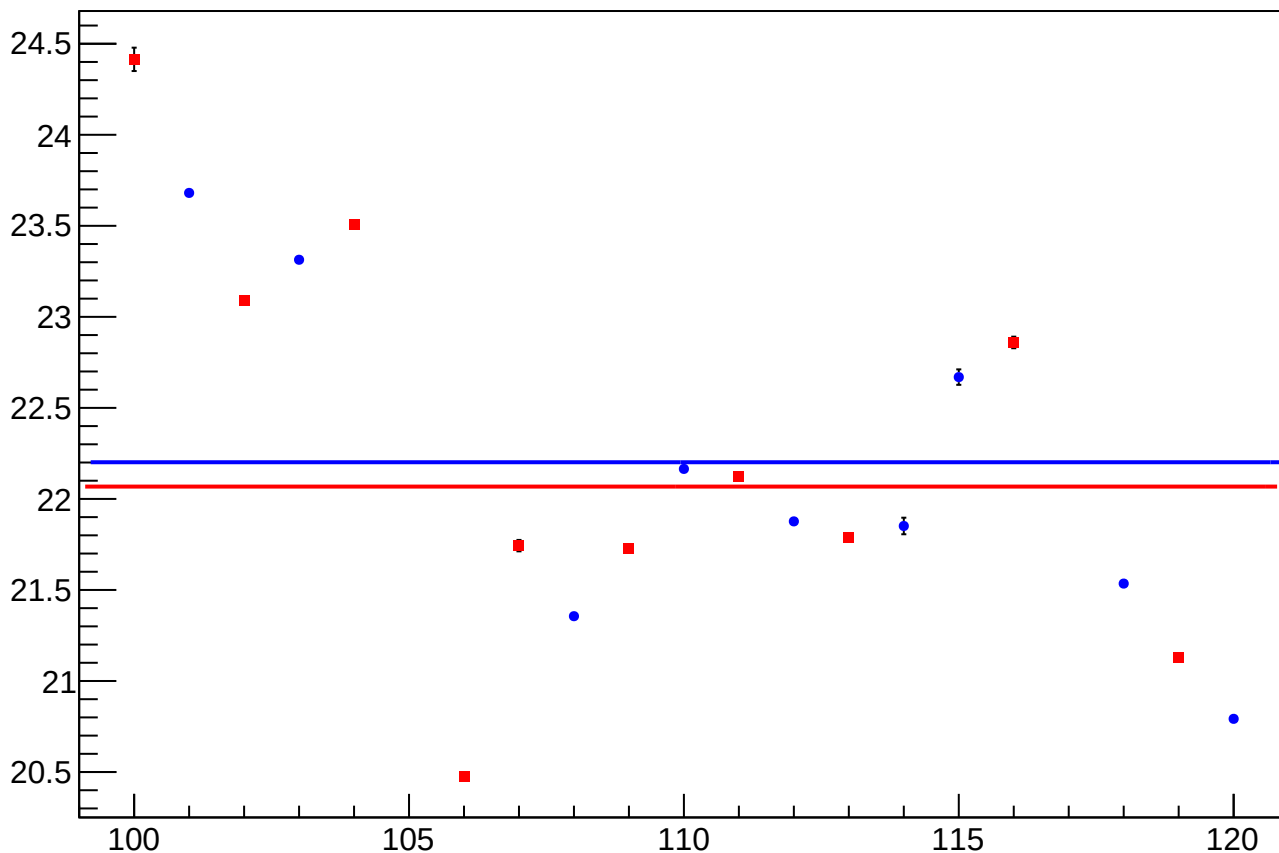
Right: -10.869+/-7.924 χ^2/NDF : 19.1/18

In: -8.814+/-11.579 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.869+/-7.924 χ^2/NDF : 19.1/18

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.201+/-0.008 χ^2/NDF : 13778.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.068+/-0.008 χ^2/NDF : 15217.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

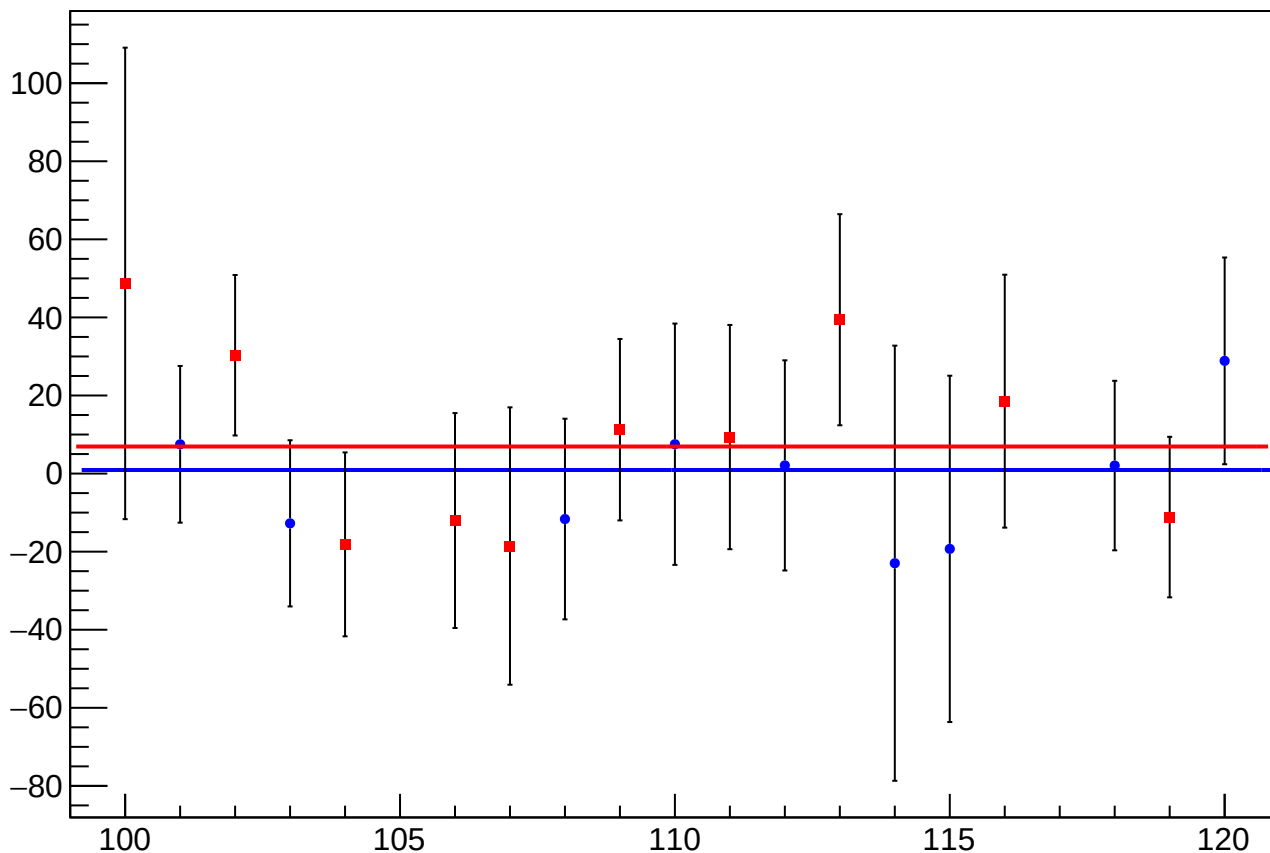
Right: 22.130+/-0.006 χ^2/NDF : 29137.6/18

In: 22.201+/-0.008 χ^2/NDF : 13778.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.130+/-0.006 χ^2/NDF : 29137.6/18

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.917+/-8.767 χ^2/NDF : 2.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.933+/-8.361 χ^2/NDF : 6.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

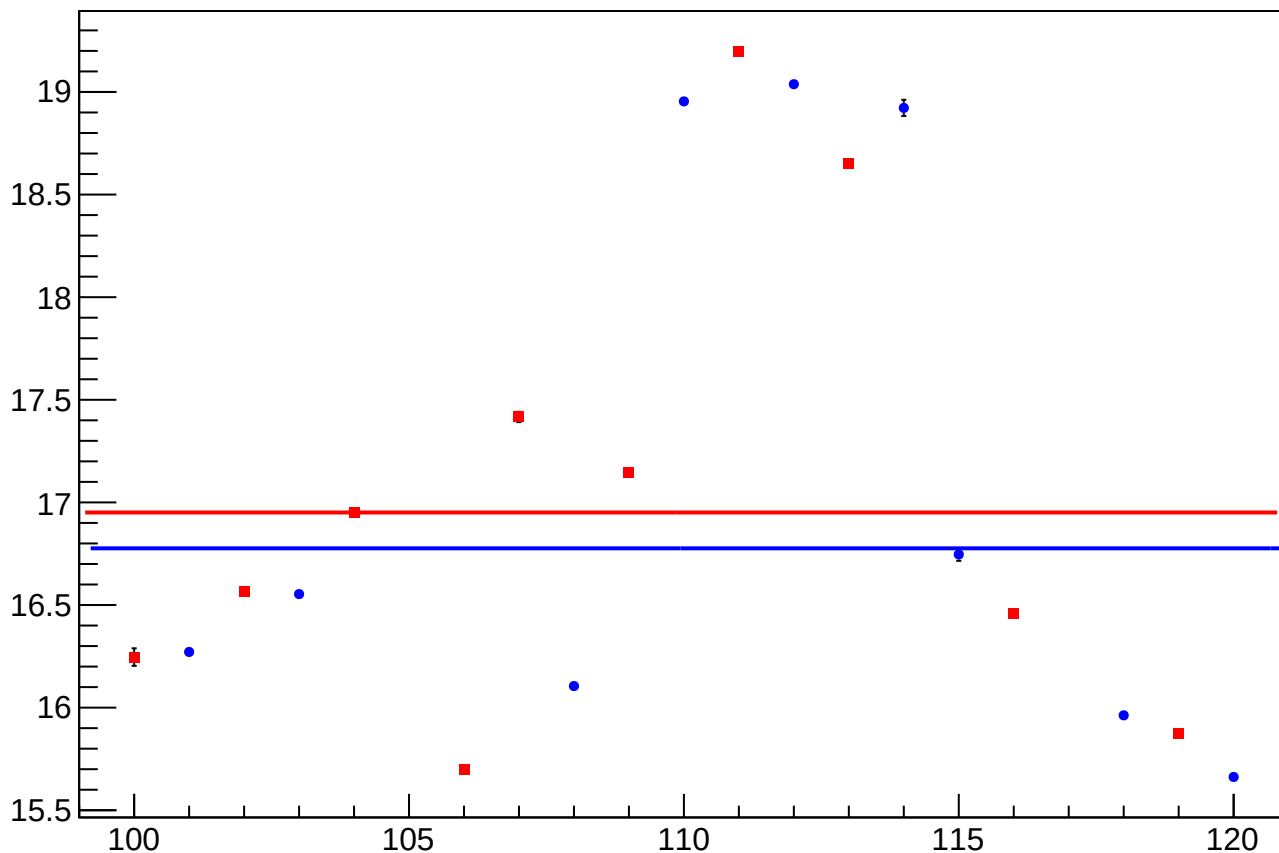
Right: 4.068+/-6.051 χ^2/NDF : 8.8/18

In: 0.917+/-8.767 χ^2/NDF : 2.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.068+/-6.051 χ^2/NDF : 8.8/18

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.776+/-0.006 χ^2/NDF : 36214.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.951+/-0.006 χ^2/NDF : 31673.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

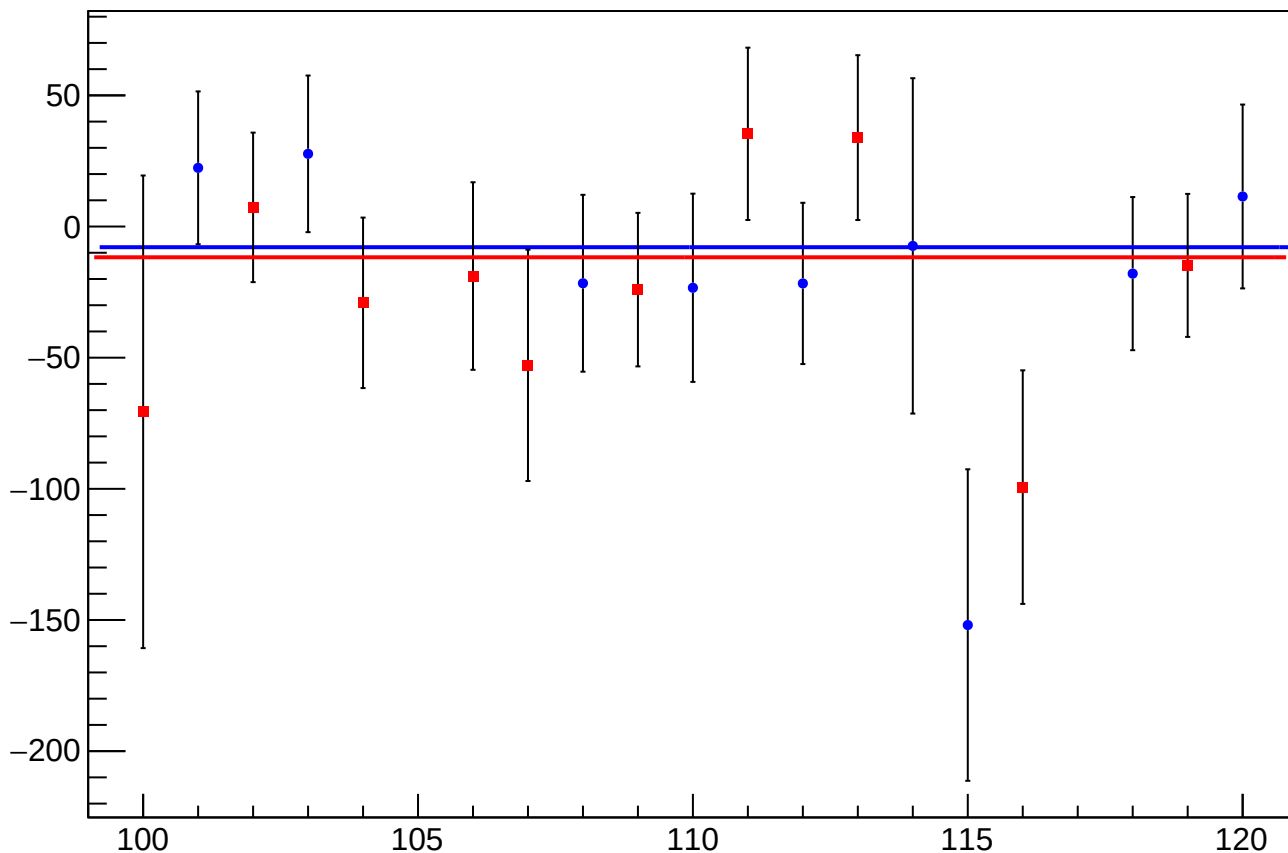
Right: 16.868+/-0.004 χ^2/NDF : 68304.2/18

In: 16.776+/-0.006 χ^2/NDF : 36214.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.868+/-0.004 χ^2/NDF : 68304.2/18

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -7.879 ± 11.524 χ^2/NDF : 9.4/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -11.726 ± 10.812 χ^2/NDF : 10.3/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

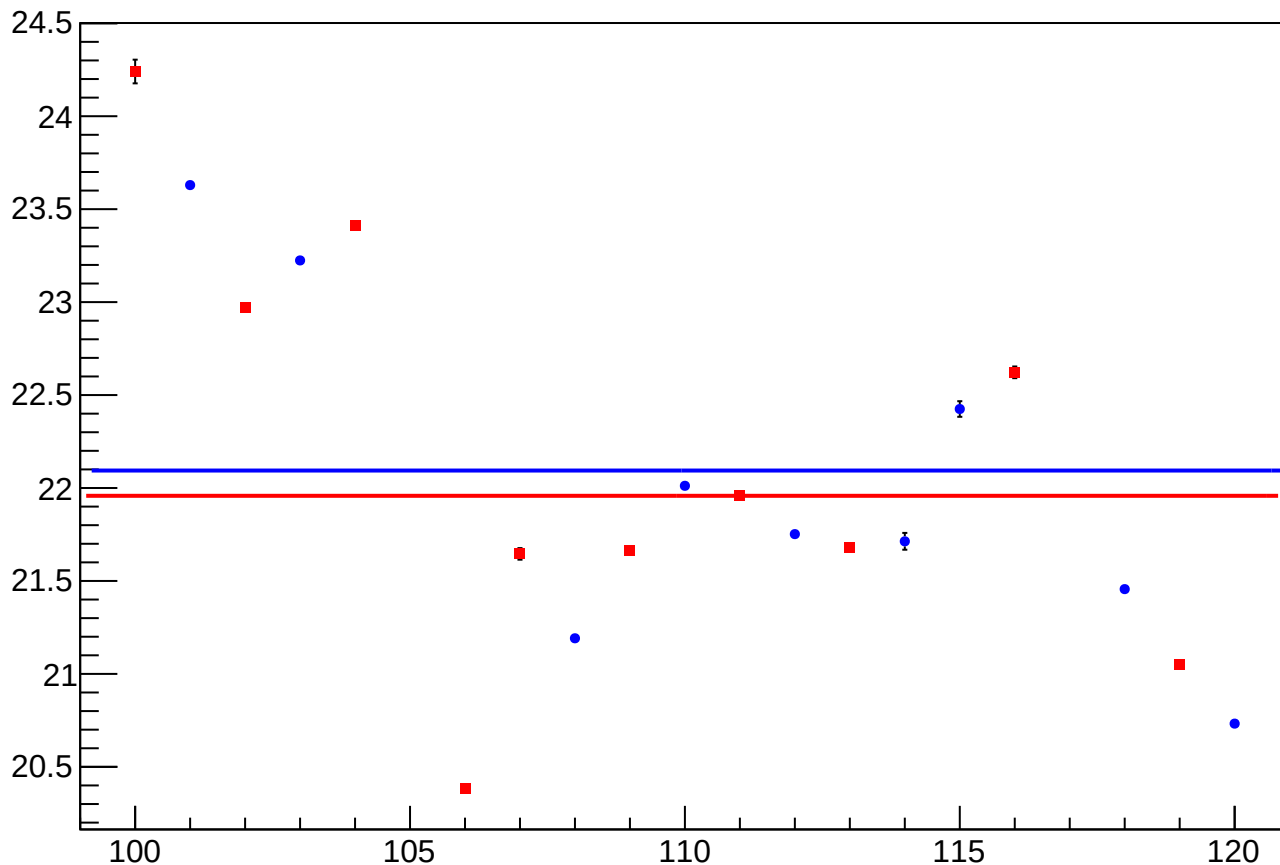
Right: -9.925 ± 7.885 χ^2/NDF : 19.7/18

In: -7.879 ± 11.524 χ^2/NDF : 9.4/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.925 ± 7.885 χ^2/NDF : 19.7/18

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.094+/-0.008 χ^2/NDF : 14217.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.958+/-0.008 χ^2/NDF : 14825.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

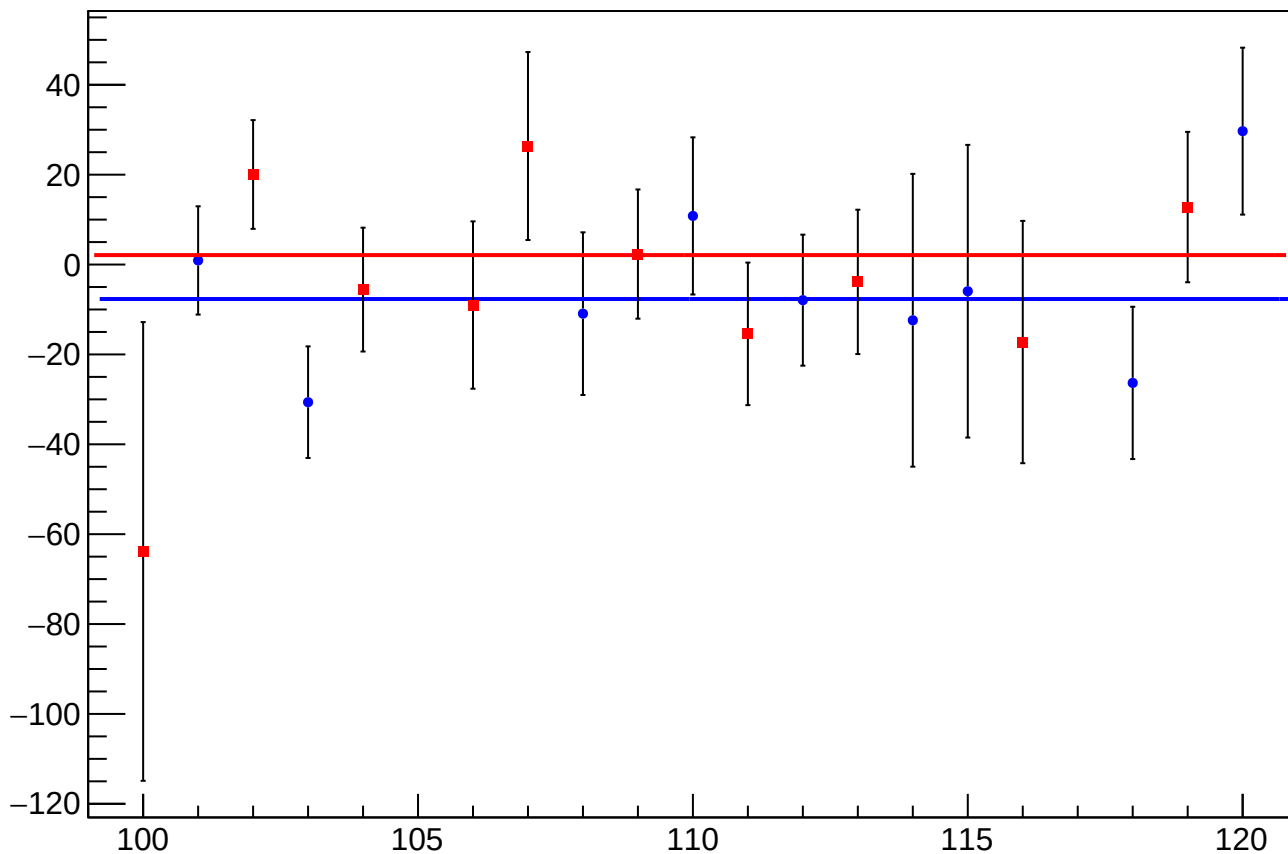
Right: 22.022+/-0.006 χ^2/NDF : 29191.6/18

In: 22.094+/-0.008 χ^2/NDF : 14217.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.022+/-0.006 χ^2/NDF : 29191.6/18

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -7.671+/-5.532 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.105+/-5.323 χ^2/NDF : 8.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

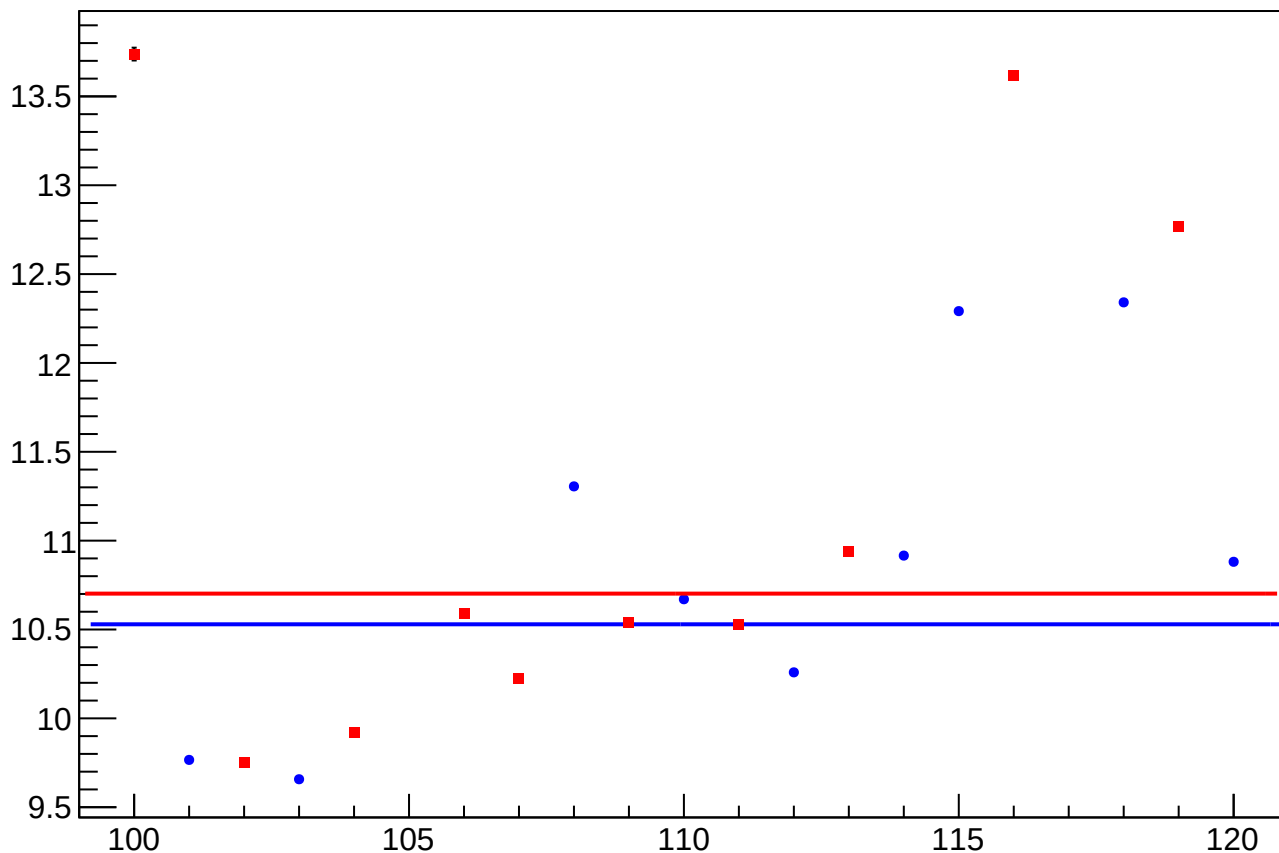
Right: -2.595+/-3.836 χ^2/NDF : 20.1/18

In: -7.671+/-5.532 χ^2/NDF : 10.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.595+/-3.836 χ^2/NDF : 20.1/18

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.529+/-0.004 χ^2/NDF : 52097.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.702+/-0.004 χ^2/NDF : 81782.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

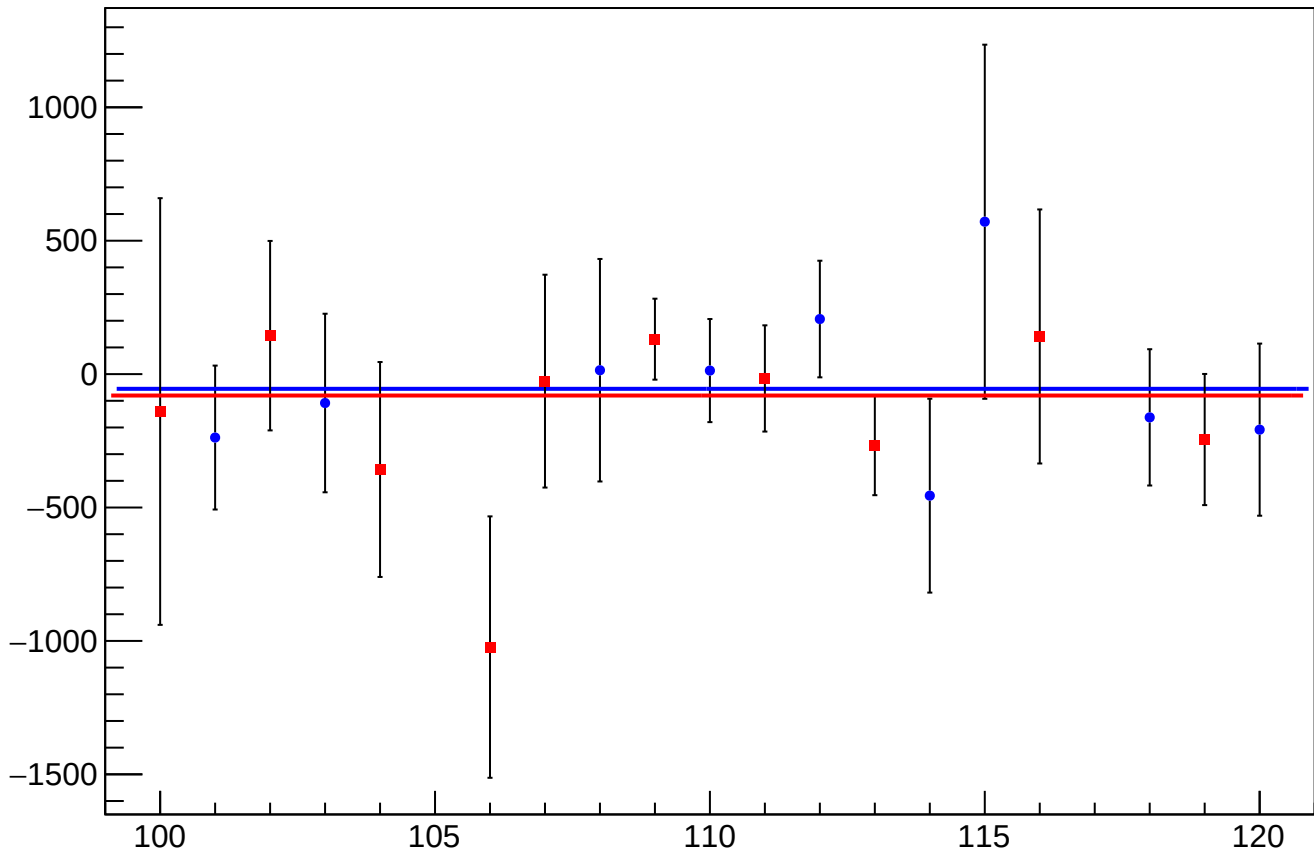
Right: 10.619+/-0.003 χ^2/NDF : 134891.1/18

In: 10.529+/-0.004 χ^2/NDF : 52097.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.619+/-0.003 χ^2/NDF : 134891.1/18

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: -55.099+/-94.945 χ^2/NDF : 4.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -80.237+/-83.143 χ^2/NDF : 8.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

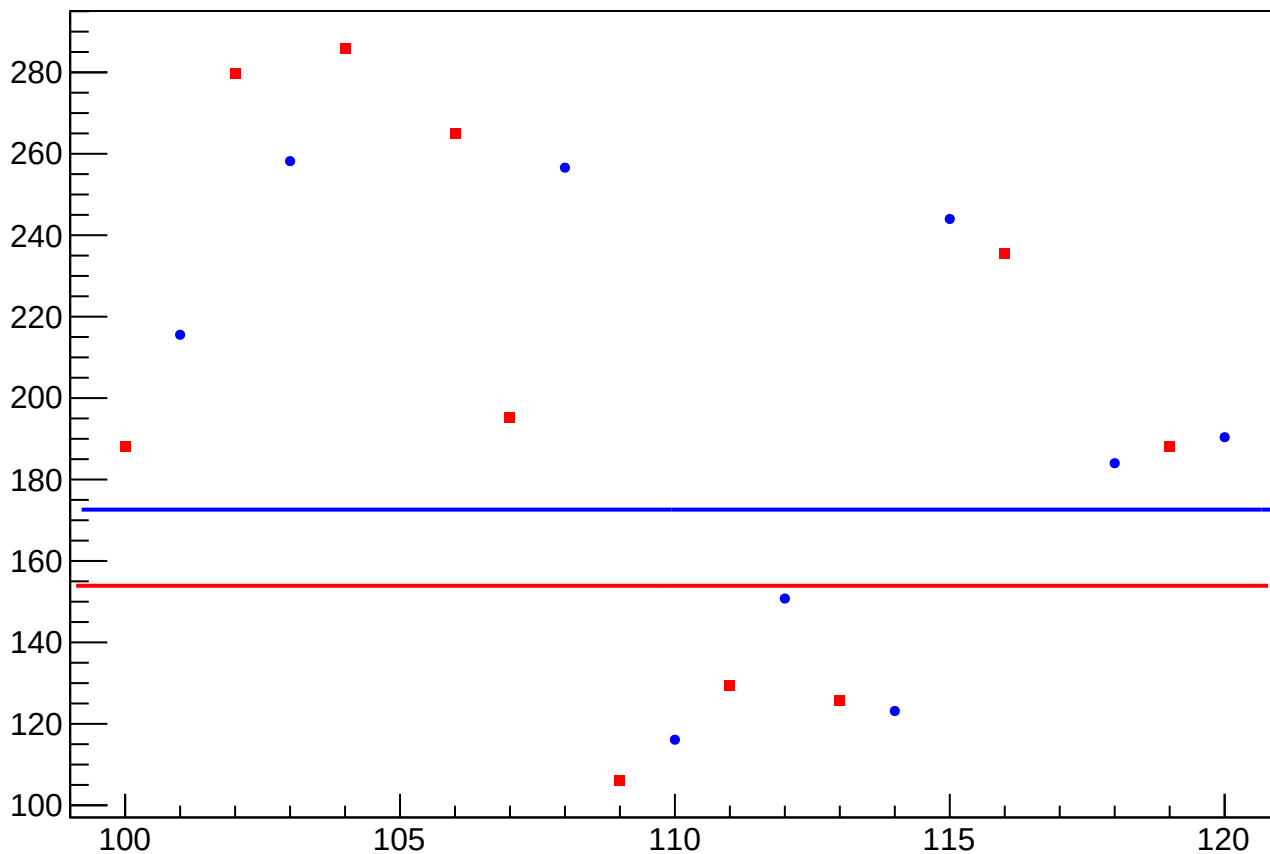
Right: -69.327+/-62.550 χ^2/NDF : 12.9/18

In: -55.099+/-94.945 χ^2/NDF : 4.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -69.327+/-62.550 χ^2/NDF : 12.9/18

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 172.613+/-0.067 χ^2/NDF : 523917.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.912+/-0.059 χ^2/NDF : 965903.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

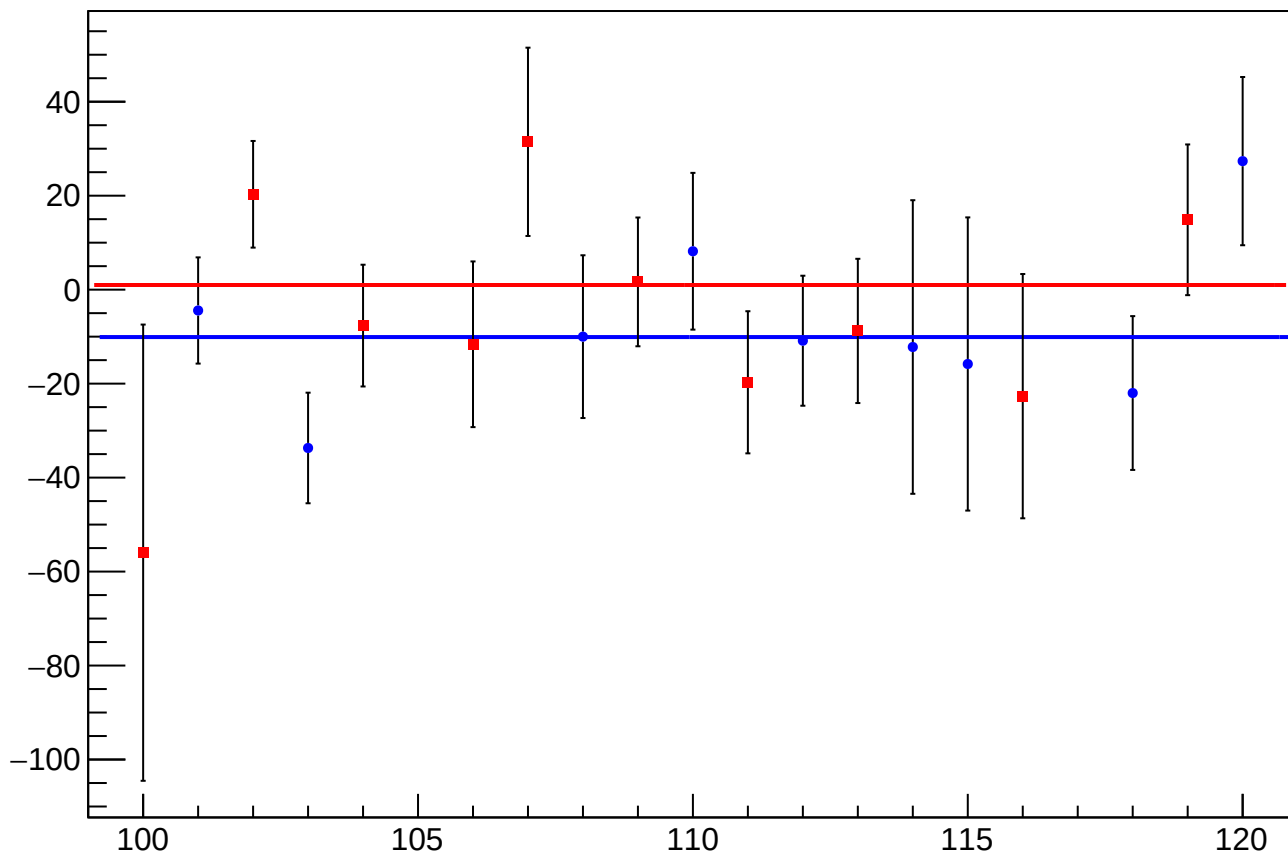
Right: 162.028+/-0.044 χ^2/NDF : 1533739.3/18

In: 172.613+/-0.067 χ^2/NDF : 523917.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.028+/-0.044 χ^2/NDF : 1533739.3/18

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -10.088+/-5.263 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.992+/-5.053 χ^2/NDF : 11.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

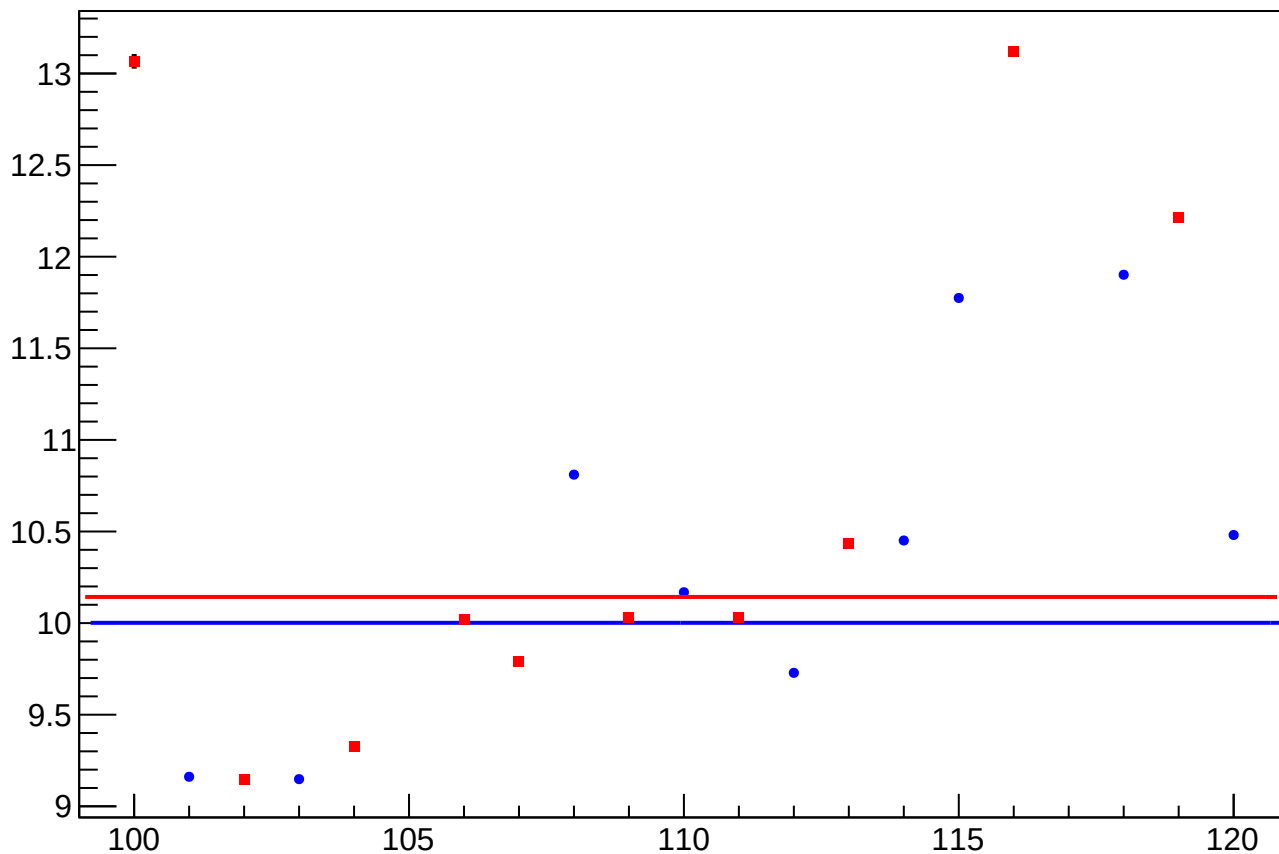
Right: -4.323+/-3.645 χ^2/NDF : 24.1/18

In: -10.088+/-5.263 χ^2/NDF : 10.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.323+/-3.645 χ^2/NDF : 24.1/18

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.002+/-0.004 χ^2/NDF : 62173.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.143+/-0.004 χ^2/NDF : 91939.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

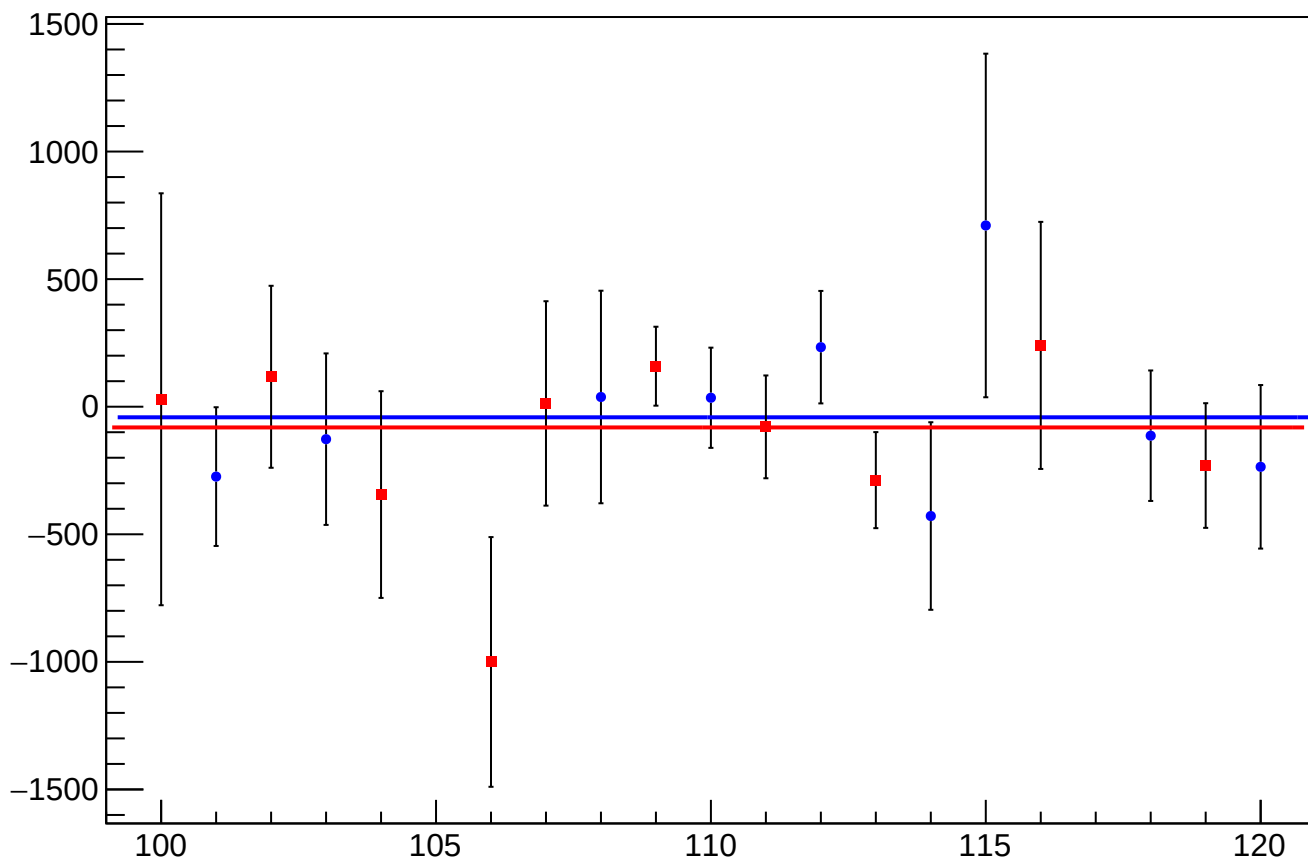
Right: 10.075+/-0.003 χ^2/NDF : 154861.9/18

In: 10.002+/-0.004 χ^2/NDF : 62173.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.075+/-0.003 χ^2/NDF : 154861.9/18

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -41.512+/-95.645 χ^2/NDF : 5.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -81.236+/-84.038 χ^2/NDF : 8.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

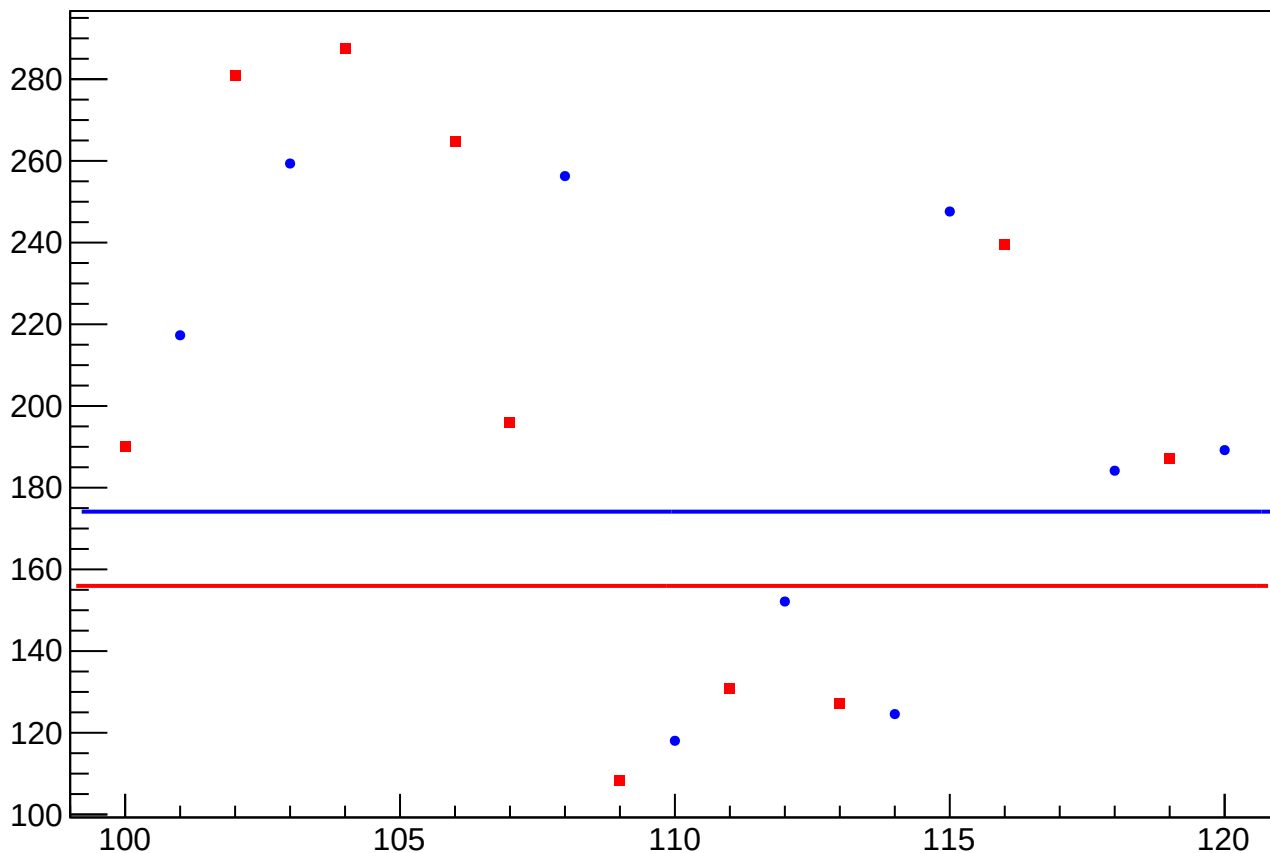
Right: -63.929+/-63.131 χ^2/NDF : 14.2/18

In: -41.512+/-95.645 χ^2/NDF :5.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -63.929+/-63.131 χ^2/NDF : 14.2/18

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 174.132+/-0.068 χ^2/NDF : 507694.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.959+/-0.059 χ^2/NDF : 937622.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

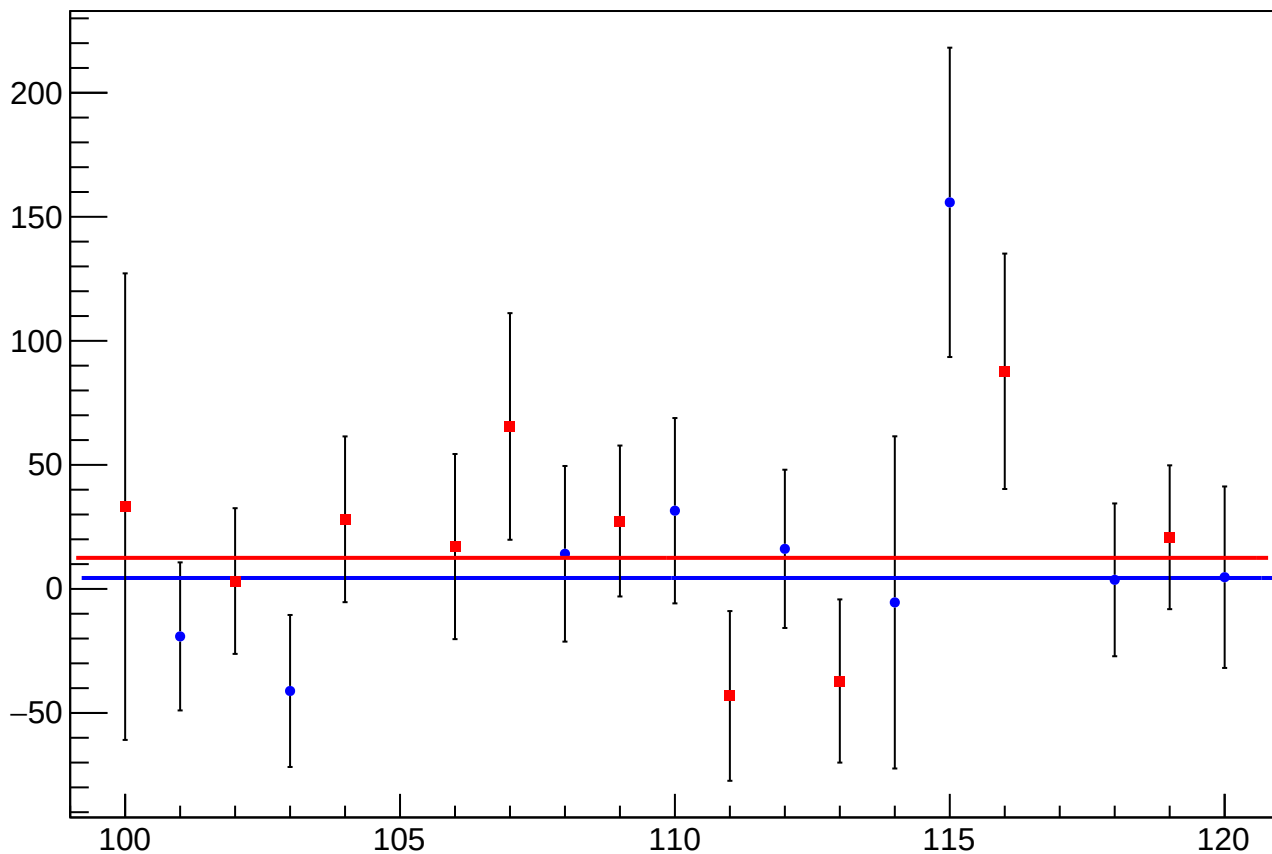
Right: 163.876+/-0.045 χ^2/NDF : 1486064.9/18

In: 174.132+/-0.068 χ^2/NDF : 507694.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.876+/-0.045 χ^2/NDF : 1486064.9/18

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 4.408+/-11.980 χ^2/NDF : 9.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.522+/-11.280 χ^2/NDF : 9.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

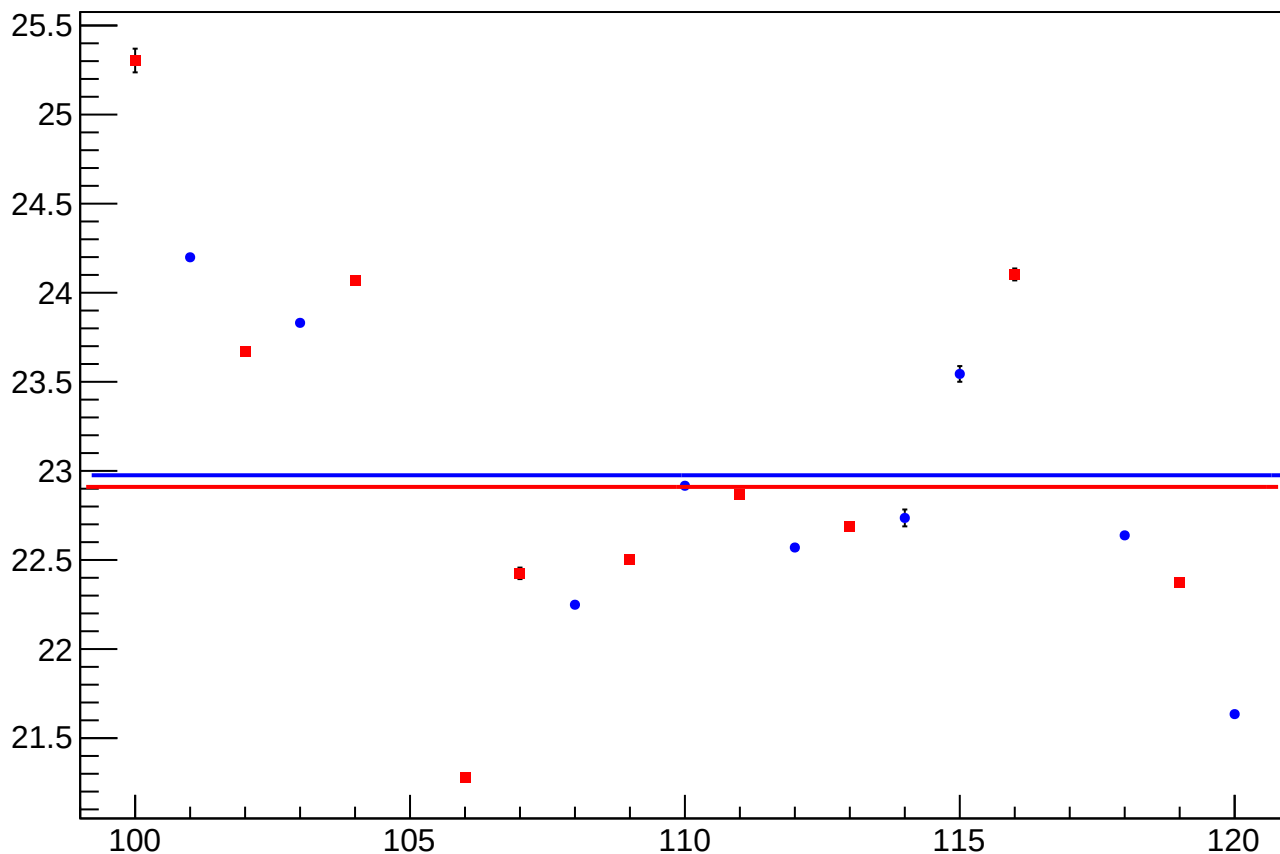
Right: 8.709+/-8.212 χ^2/NDF : 19.2/18

In: 4.408+/-11.980 χ^2/NDF : 9.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.709+/-8.212 χ^2/NDF : 19.2/18

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.975+/-0.008 χ^2/NDF : 9211.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.910+/-0.008 χ^2/NDF : 11467.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

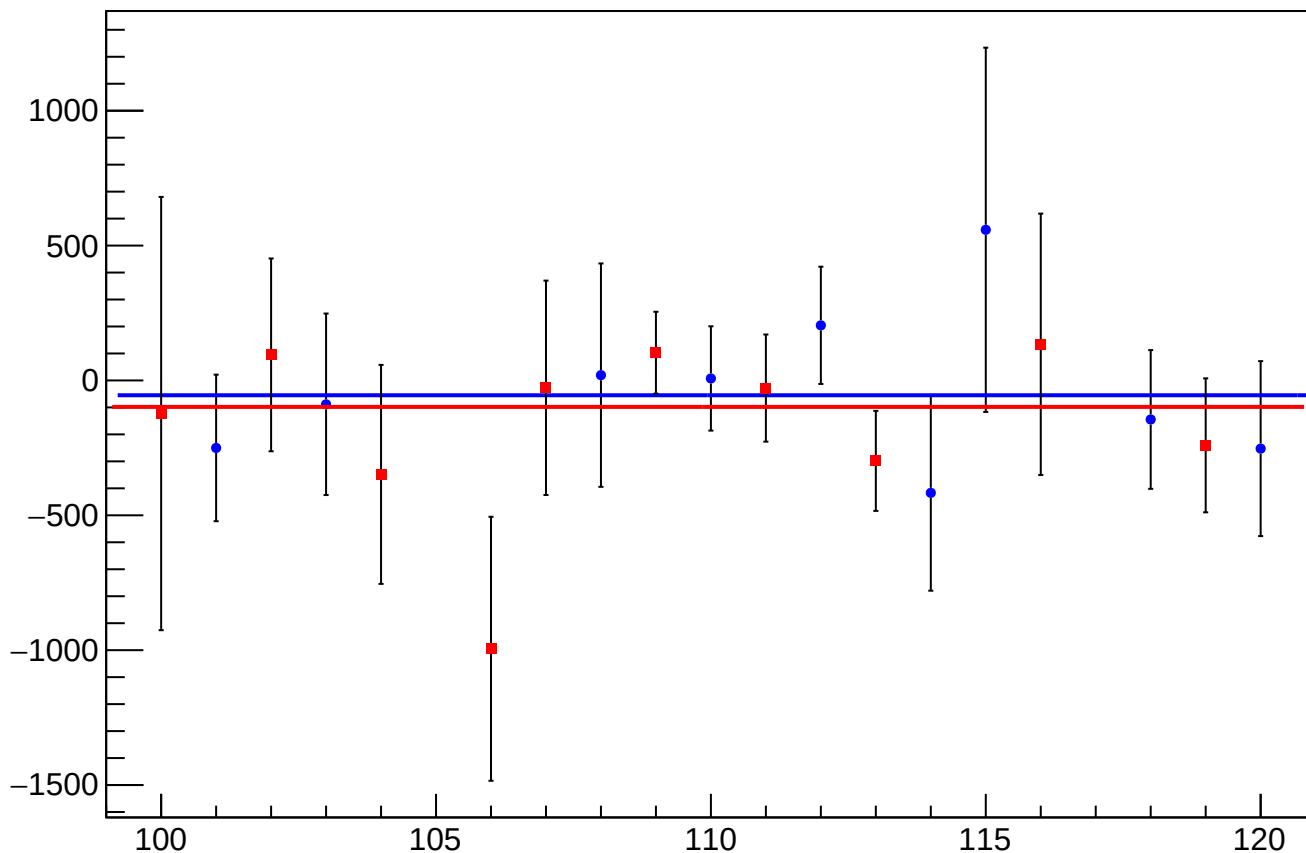
Right: 22.941+/-0.006 χ^2/NDF : 20710.1/18

In: 22.975+/-0.008 χ^2/NDF : 9211.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.941+/-0.006 χ^2/NDF : 20710.1/18

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -54.891+/-95.117 χ^2/NDF : 4.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -98.108+/-83.266 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

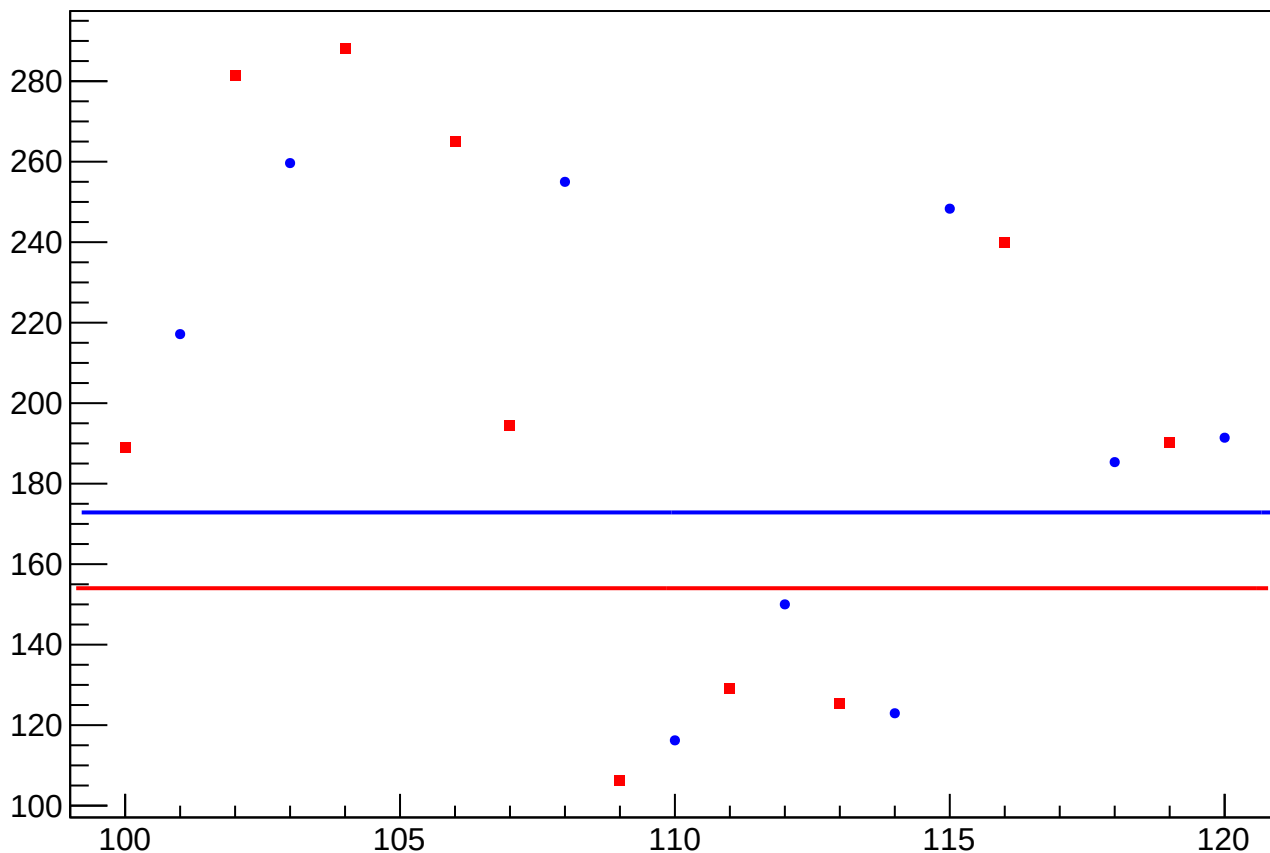
Right: -79.358+/-62.651 χ^2/NDF : 12.2/18

In: -54.891+/-95.117 χ^2/NDF : 4.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -79.358+/-62.651 χ^2/NDF : 12.2/18

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 172.850+/-0.067 χ^2/NDF : 532682.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.021+/-0.059 χ^2/NDF : 982054.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

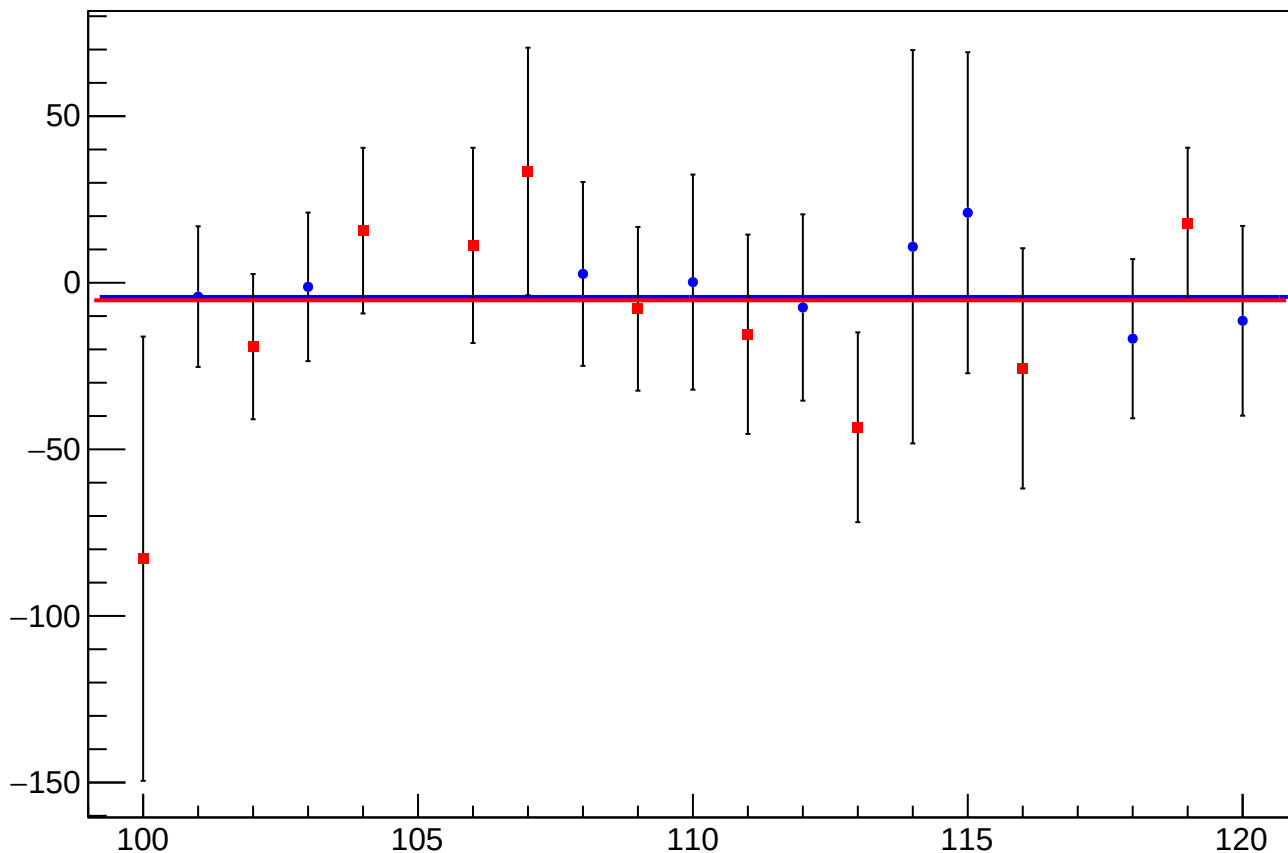
Right: 162.190+/-0.044 χ^2/NDF : 1559107.3/18

In: 172.850+/-0.067 χ^2/NDF : 532682.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.190+/-0.044 χ^2/NDF : 1559107.3/18

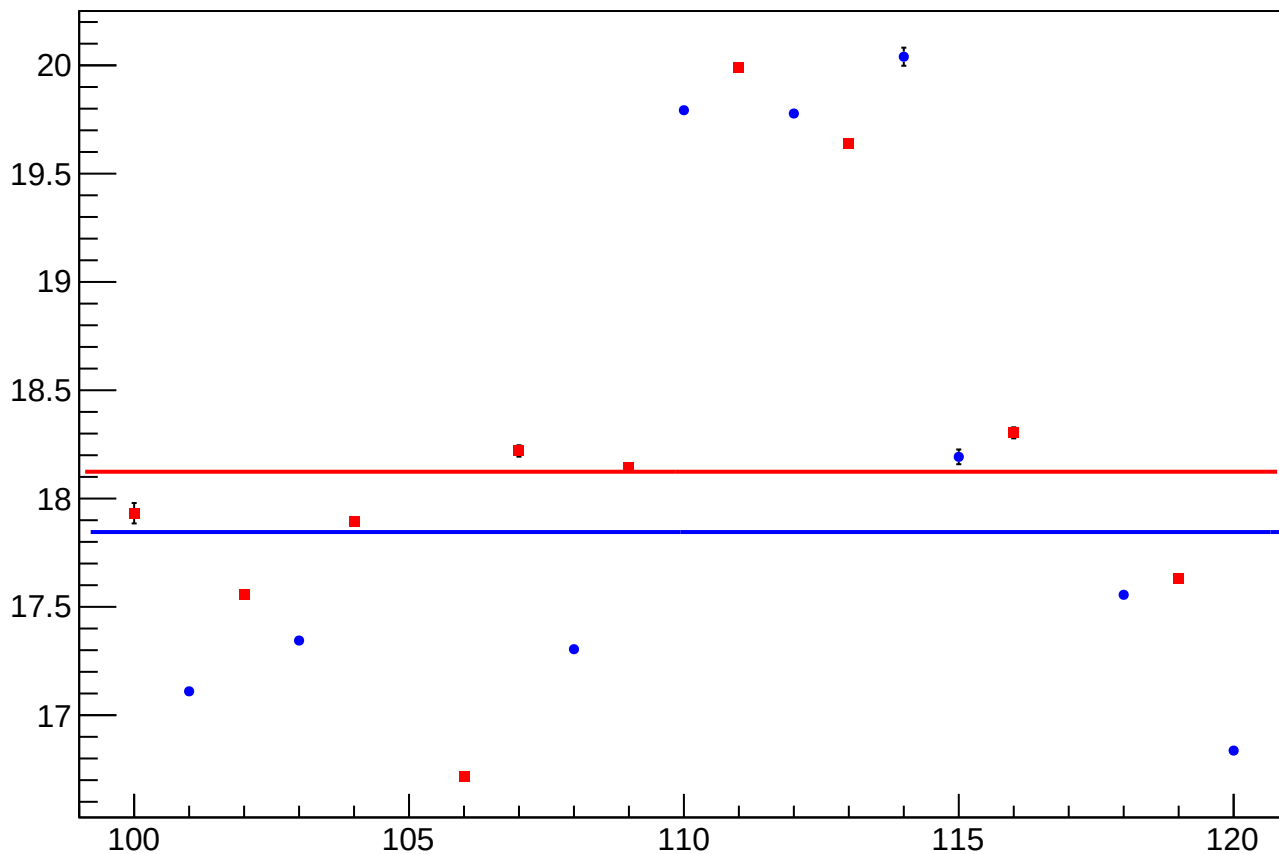
asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.253+/-9.321 χ^2/NDF : 0.8/8
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -5.271+/-8.934 χ^2/NDF : 7.1/9
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -4.783+/-6.450 χ^2/NDF : 7.9/18
 In: -4.253+/-9.321 χ^2/NDF :0.8/8
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -4.783+/-6.450 χ^2/NDF : 7.9/18

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.845+/-0.007 χ^2/NDF : 26704.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.124+/-0.006 χ^2/NDF : 20573.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

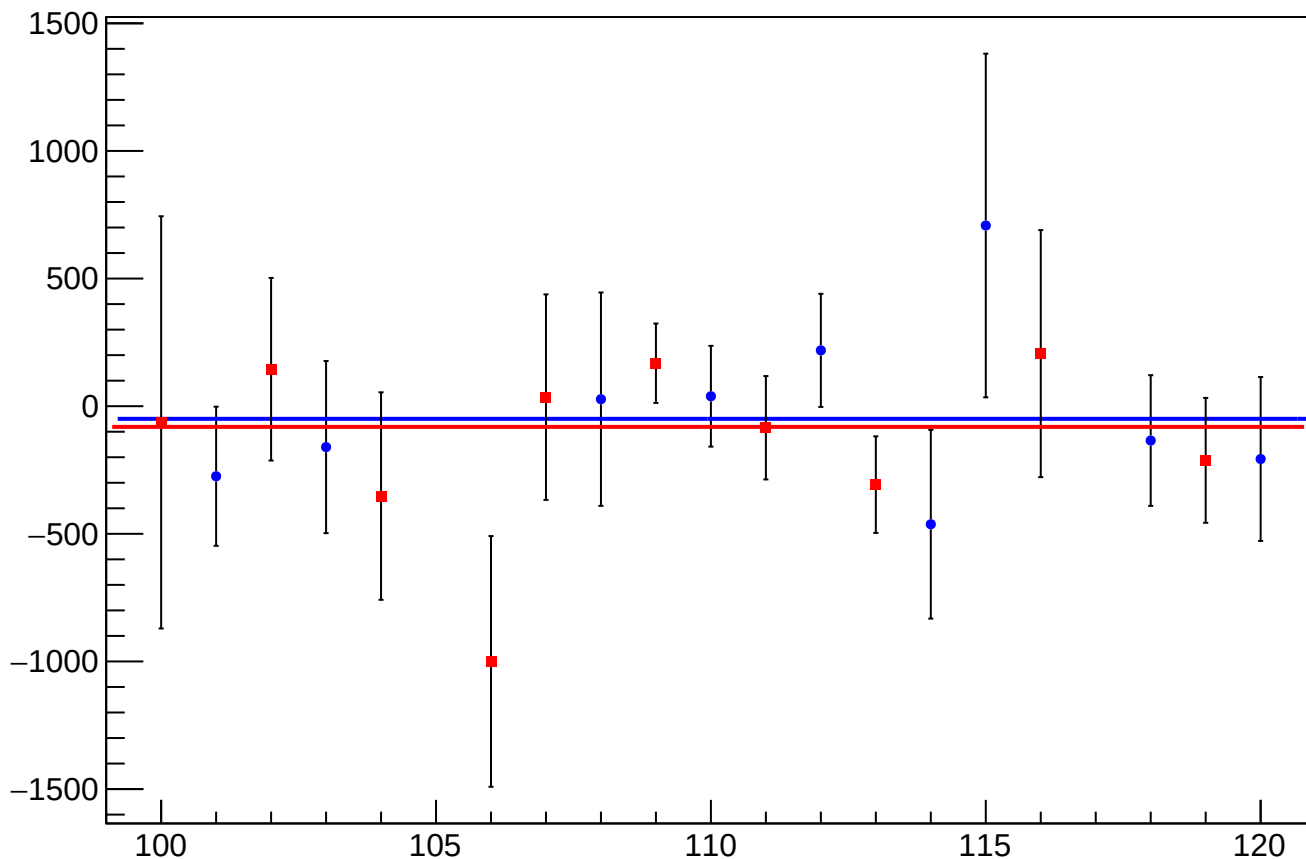
Right: 17.991+/-0.005 χ^2/NDF : 48208.5/18

In: 17.845+/-0.007 χ^2/NDF : 26704.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.991+/-0.005 χ^2/NDF : 48208.5/18

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -49.465+/-96.000 χ^2/NDF : 5.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -81.055+/-84.402 χ^2/NDF : 9.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

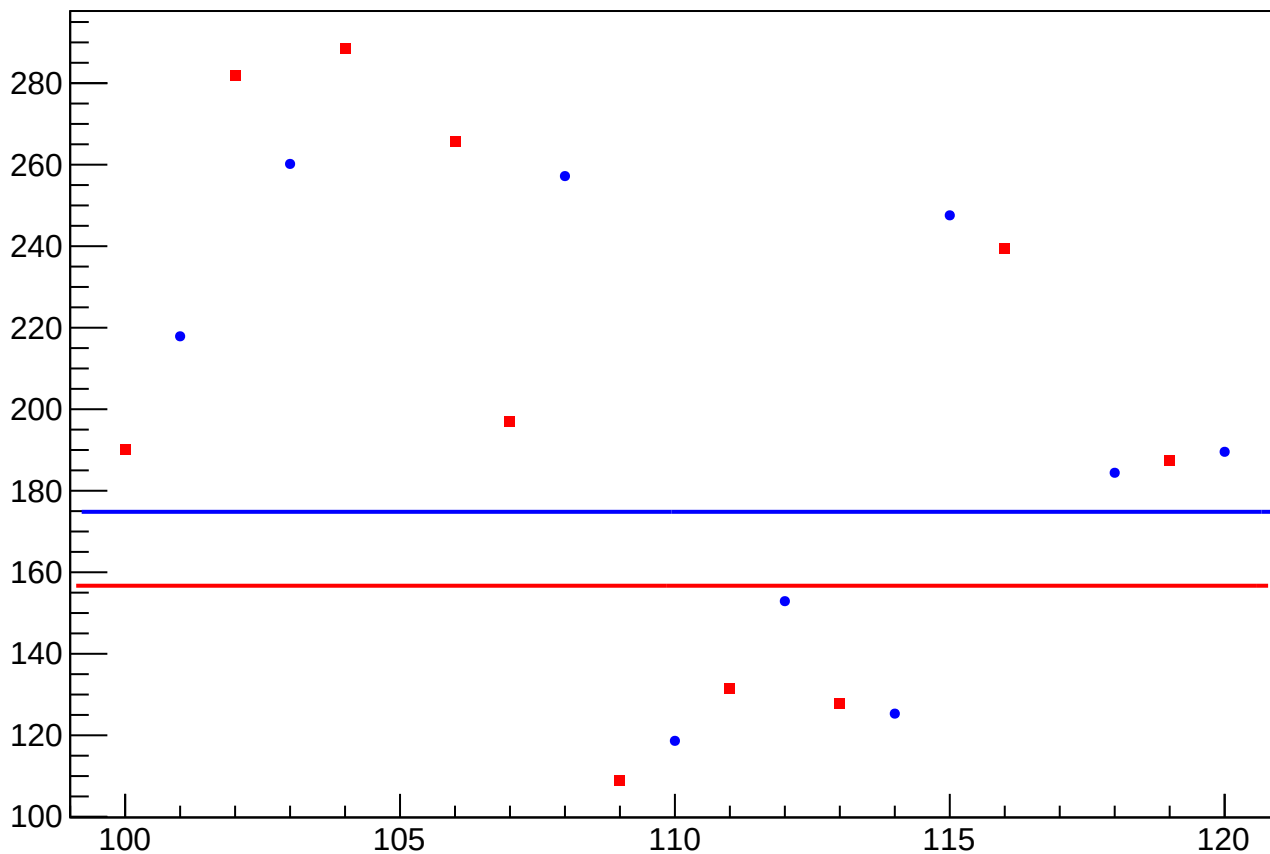
Right: -67.282+/-63.387 χ^2/NDF : 14.5/18

In: -49.465+/-96.000 χ^2/NDF :5.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -67.282+/-63.387 χ^2/NDF : 14.5/18

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 174.833+/-0.068 χ^2/NDF : 503694.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 156.698+/-0.060 χ^2/NDF : 932159.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

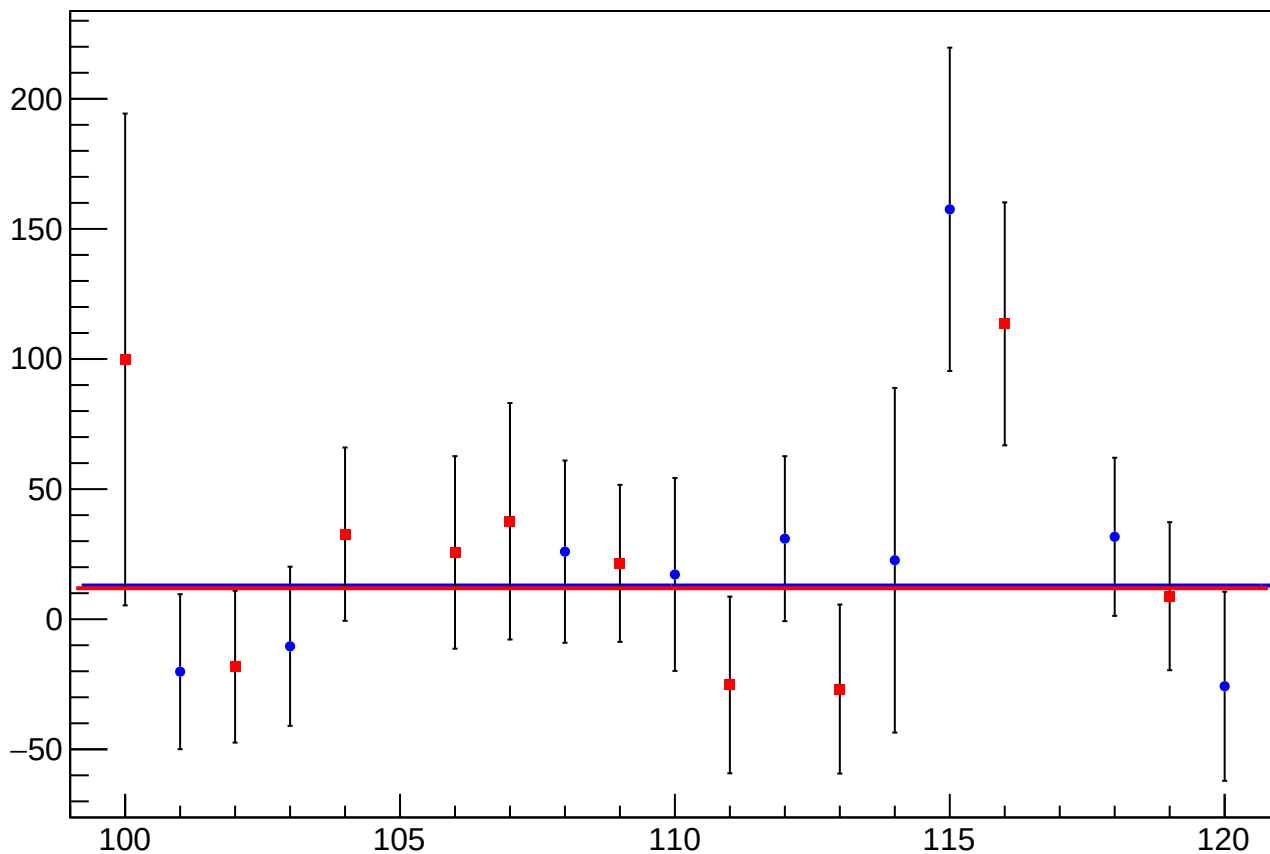
Right: 164.604+/-0.045 χ^2/NDF : 1476107.6/18

In: 174.833+/-0.068 χ^2/NDF :503694.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 164.604+/-0.045 χ^2/NDF : 1476107.6/18

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 12.950+/-11.902 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.916+/-11.174 χ^2/NDF : 10.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

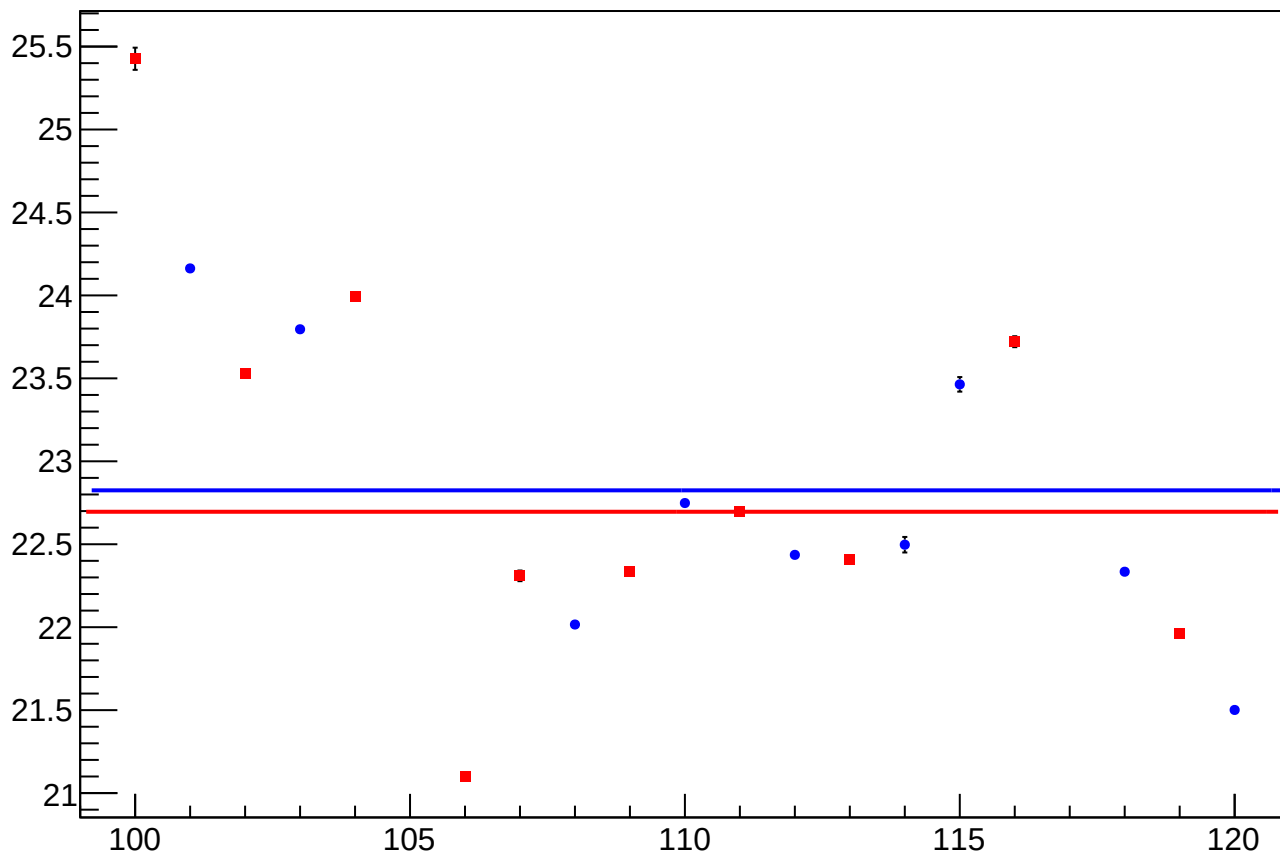
Right: 12.400+/-8.146 χ^2/NDF : 19.5/18

In: 12.950+/-11.902 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.400+/-8.146 χ^2/NDF : 19.5/18

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.825+/-0.008 χ^2/NDF : 10857.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.696+/-0.008 χ^2/NDF : 12929.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

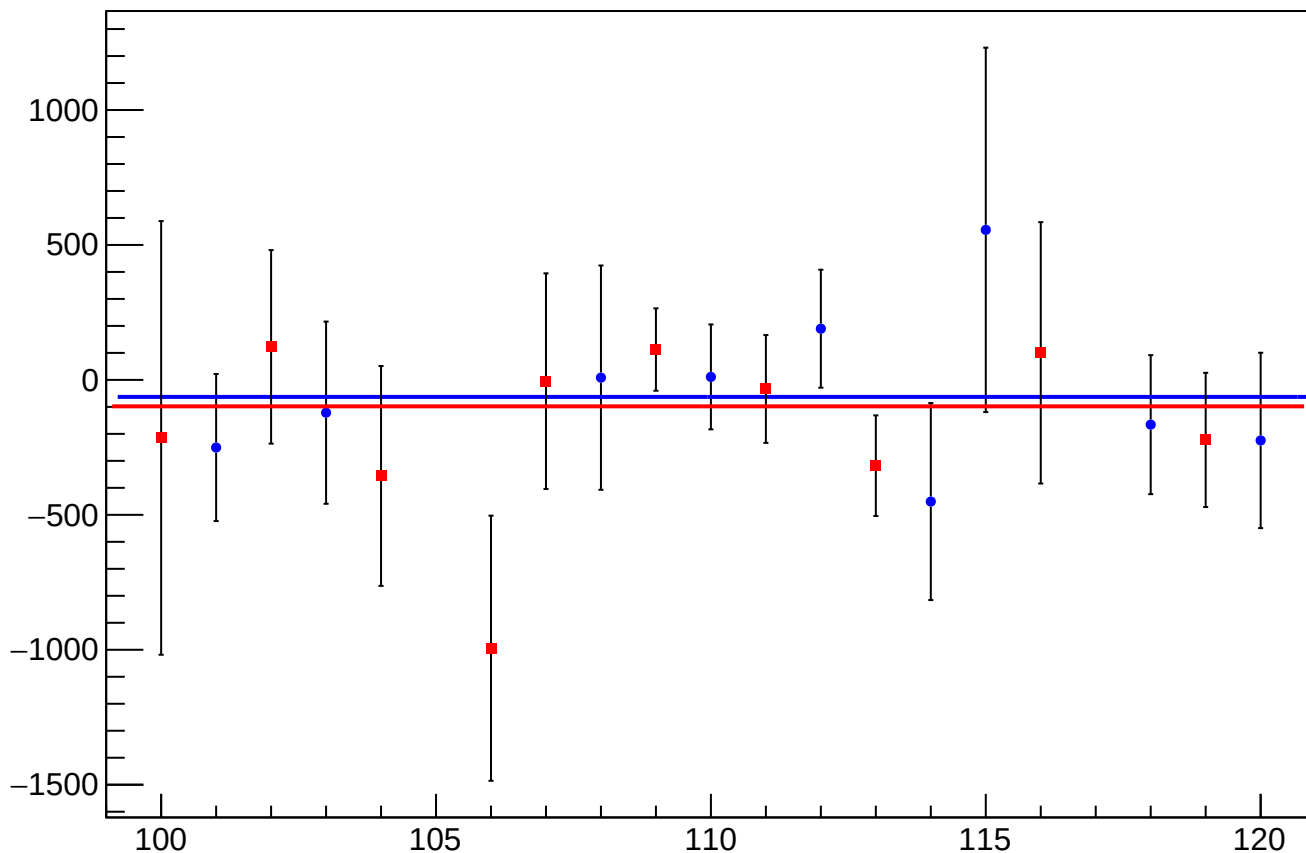
Right: 22.756+/-0.006 χ^2/NDF : 23911.8/18

In: 22.825+/-0.008 χ^2/NDF : 10857.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.756+/-0.006 χ^2/NDF : 23911.8/18

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -63.067+/-95.476 χ^2/NDF : 4.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -98.008+/-83.634 χ^2/NDF : 8.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

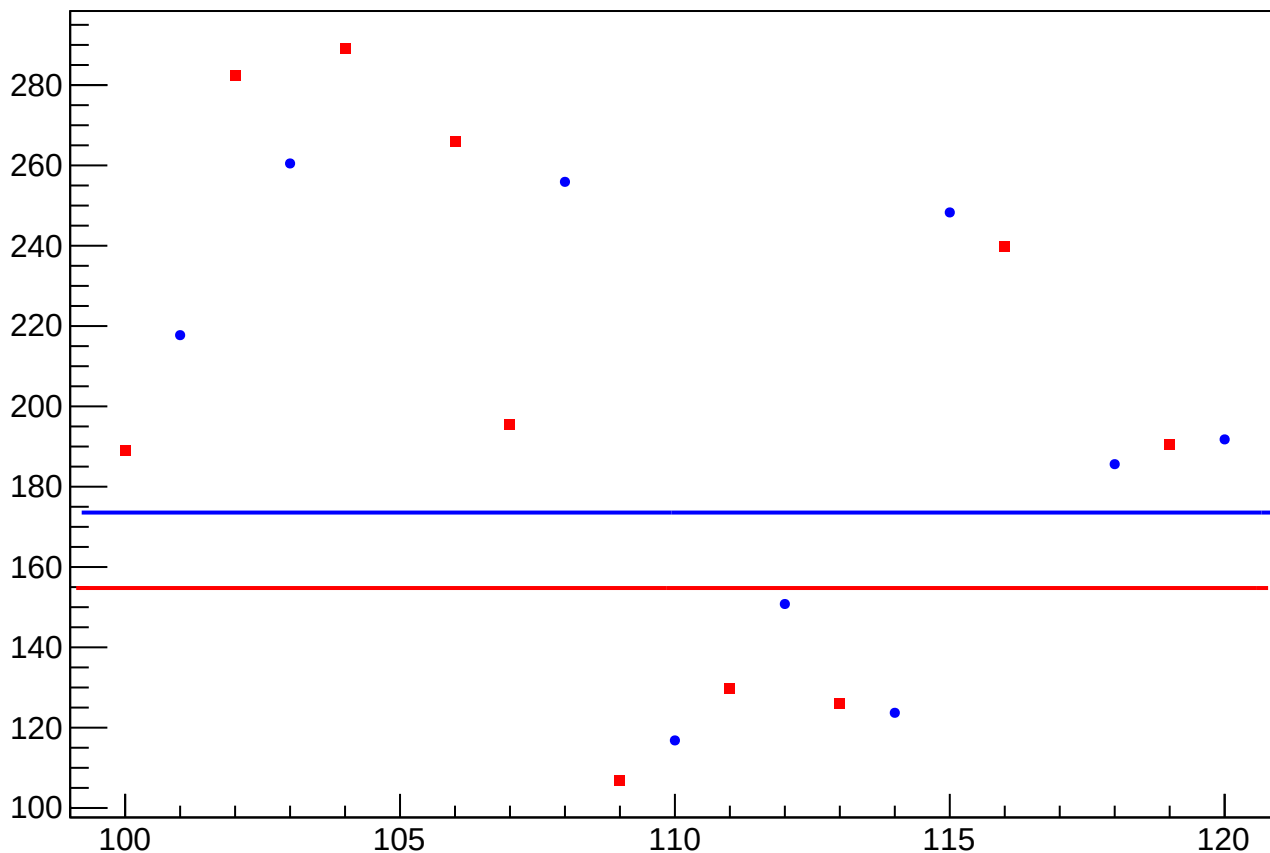
Right: -82.837+/-62.911 χ^2/NDF : 12.5/18

In: -63.067+/-95.476 χ^2/NDF :4.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -82.837+/-62.911 χ^2/NDF : 12.5/18

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 173.561+/-0.068 χ^2/NDF : 528342.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 154.770+/-0.059 χ^2/NDF : 976180.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

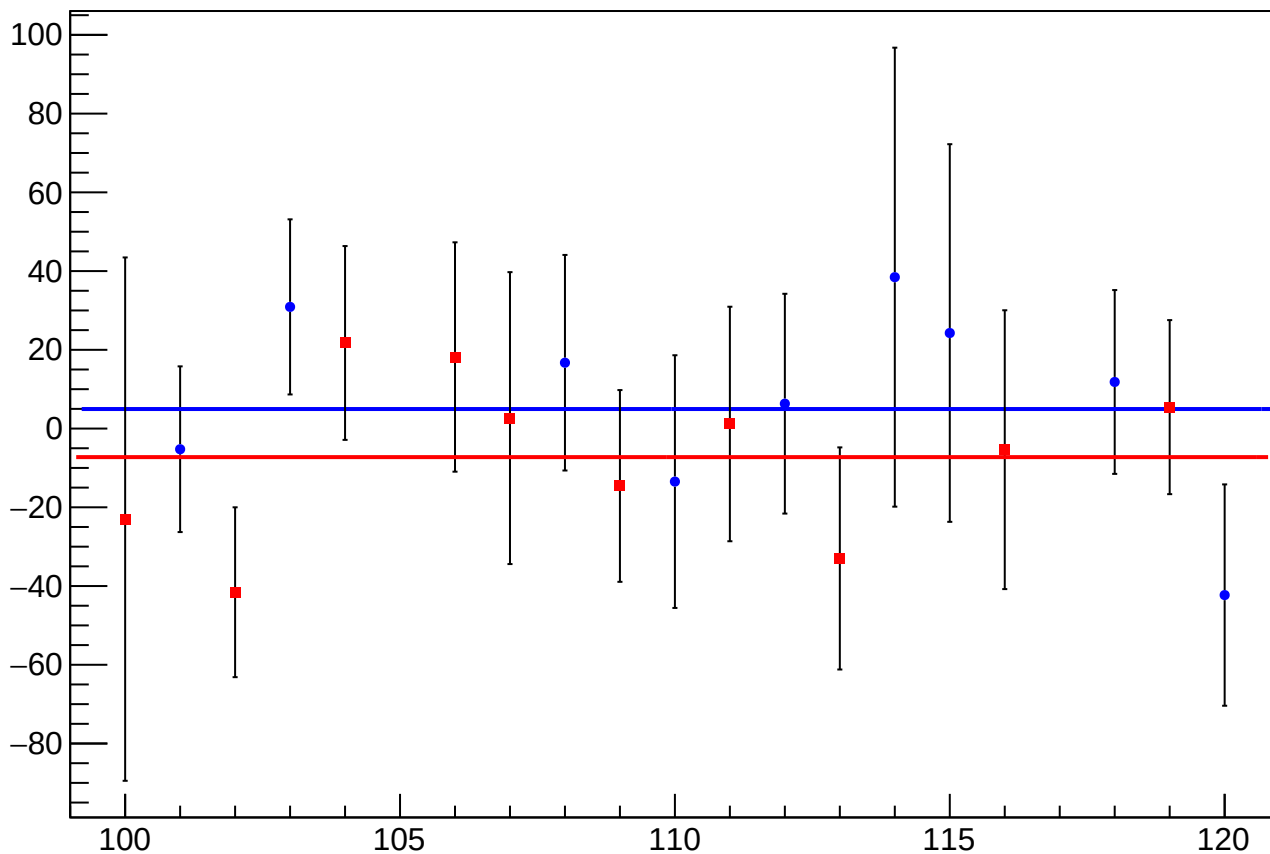
Right: 162.928+/-0.044 χ^2/NDF : 1548357.8/18

In: 173.561+/-0.068 χ^2/NDF :528342.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 162.928+/-0.044 χ^2/NDF : 1548357.8/18

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 4.962+/-9.246 χ^2/NDF : 5.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.254+/-8.823 χ^2/NDF : 6.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

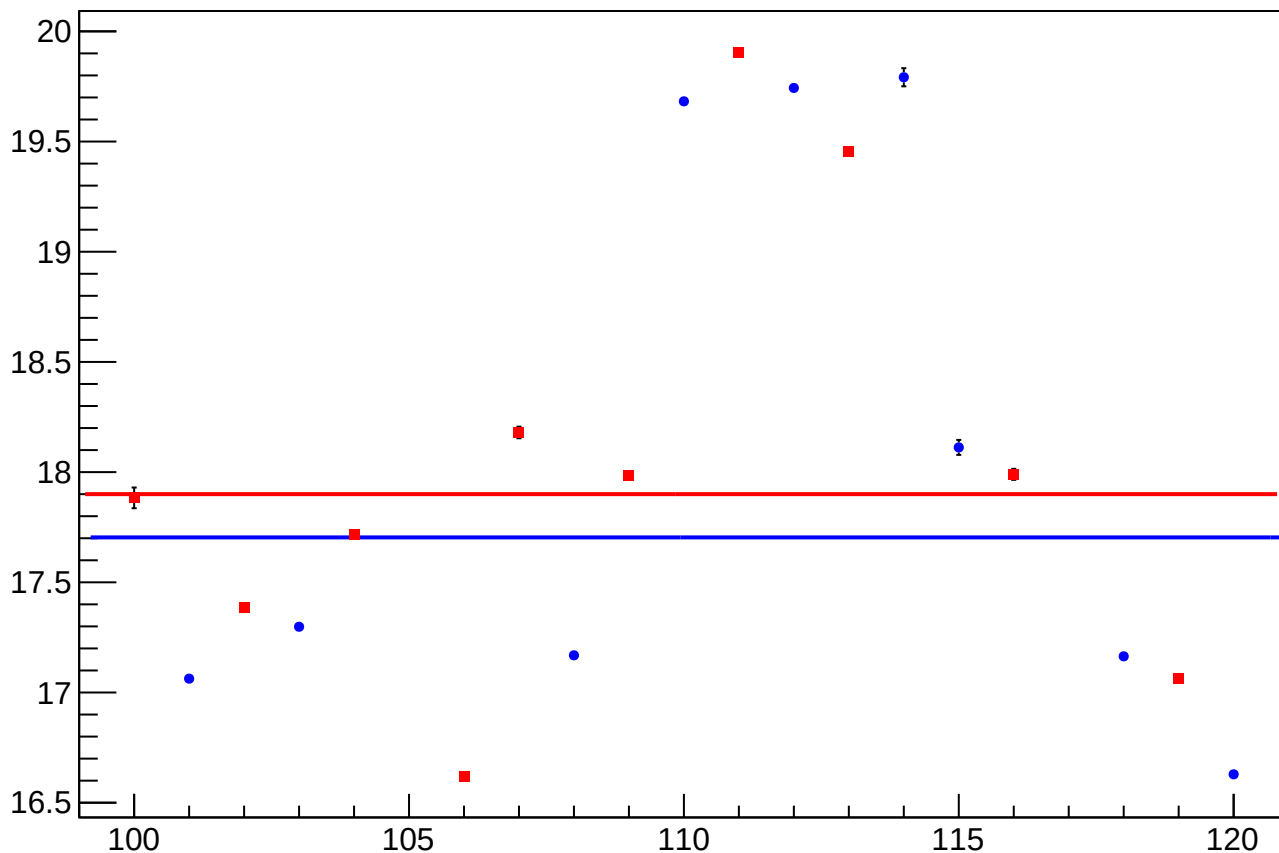
Right: -1.432+/-6.383 χ^2/NDF : 12.6/18

In: 4.962+/-9.246 χ^2/NDF : 5.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.432+/-6.383 χ^2/NDF : 12.6/18

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.704+/-0.007 χ^2/NDF : 28266.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.900+/-0.006 χ^2/NDF : 23269.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

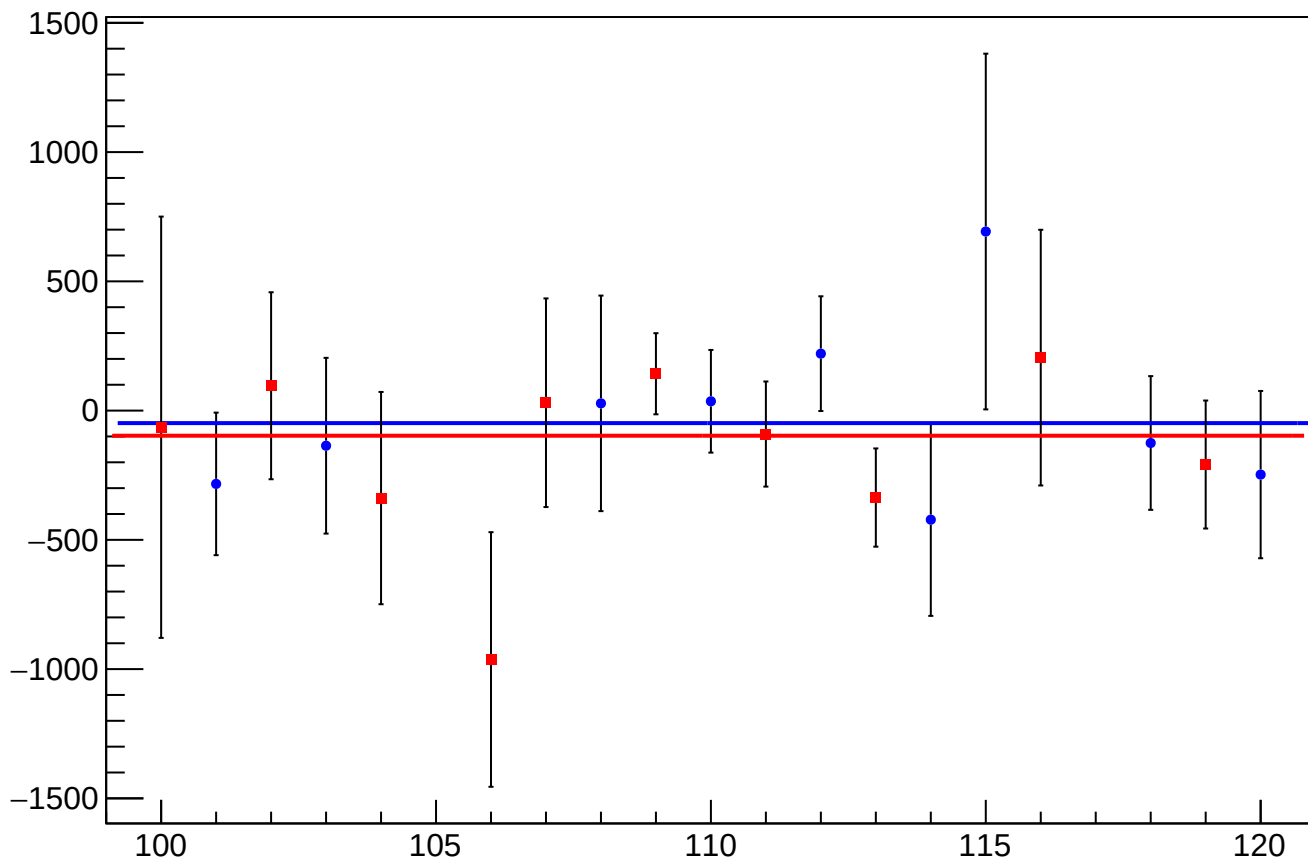
Right: 17.807+/-0.005 χ^2/NDF : 52007.2/18

In: 17.704+/-0.007 χ^2/NDF : 28266.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.807+/-0.005 χ^2/NDF : 52007.2/18

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -48.379+/-96.644 χ^2/NDF : 5.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -97.153+/-85.043 χ^2/NDF : 8.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

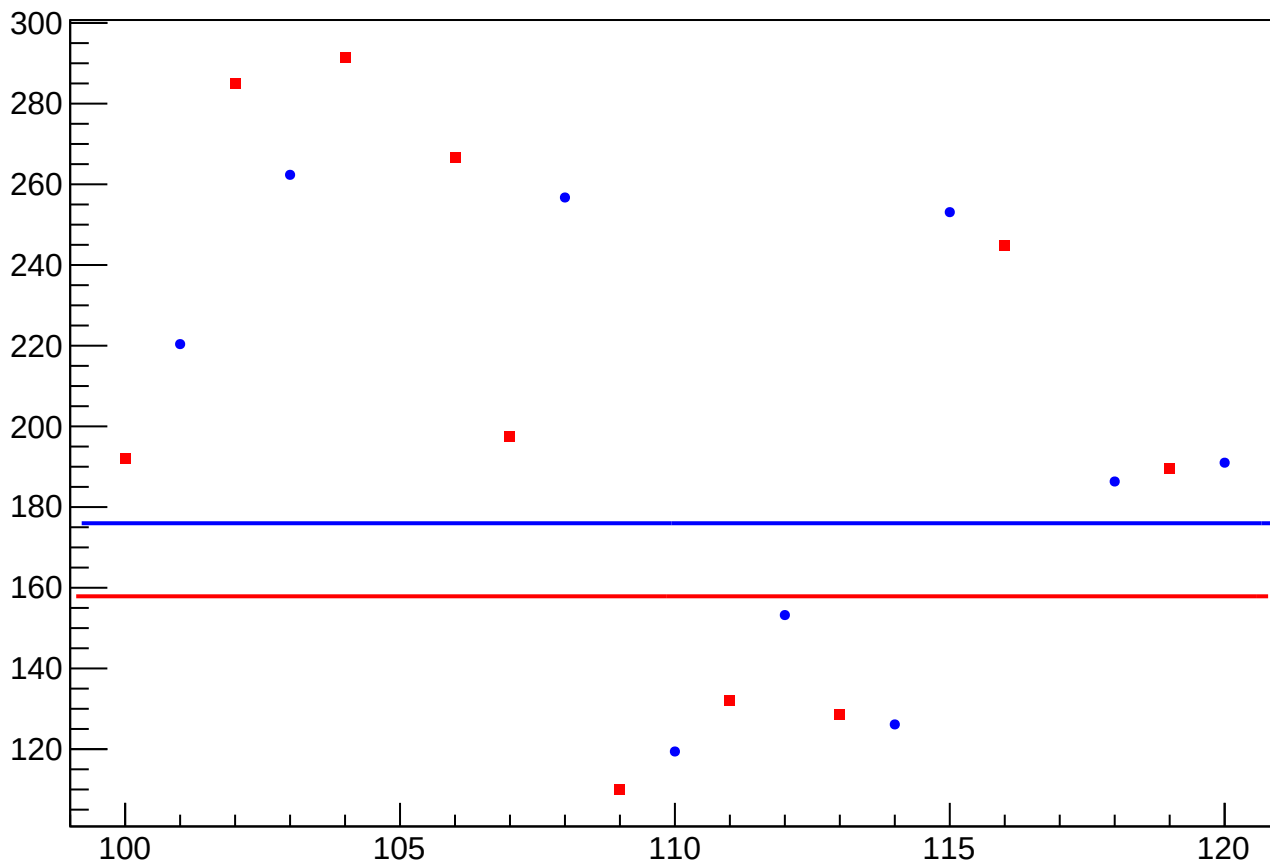
Right: -75.867+/-63.844 χ^2/NDF : 13.6/18

In: -48.379+/-96.644 χ^2/NDF : 5.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -75.867+/-63.844 χ^2/NDF : 13.6/18

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 175.991+/-0.068 χ^2/NDF : 507890.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.882+/-0.060 χ^2/NDF : 938865.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

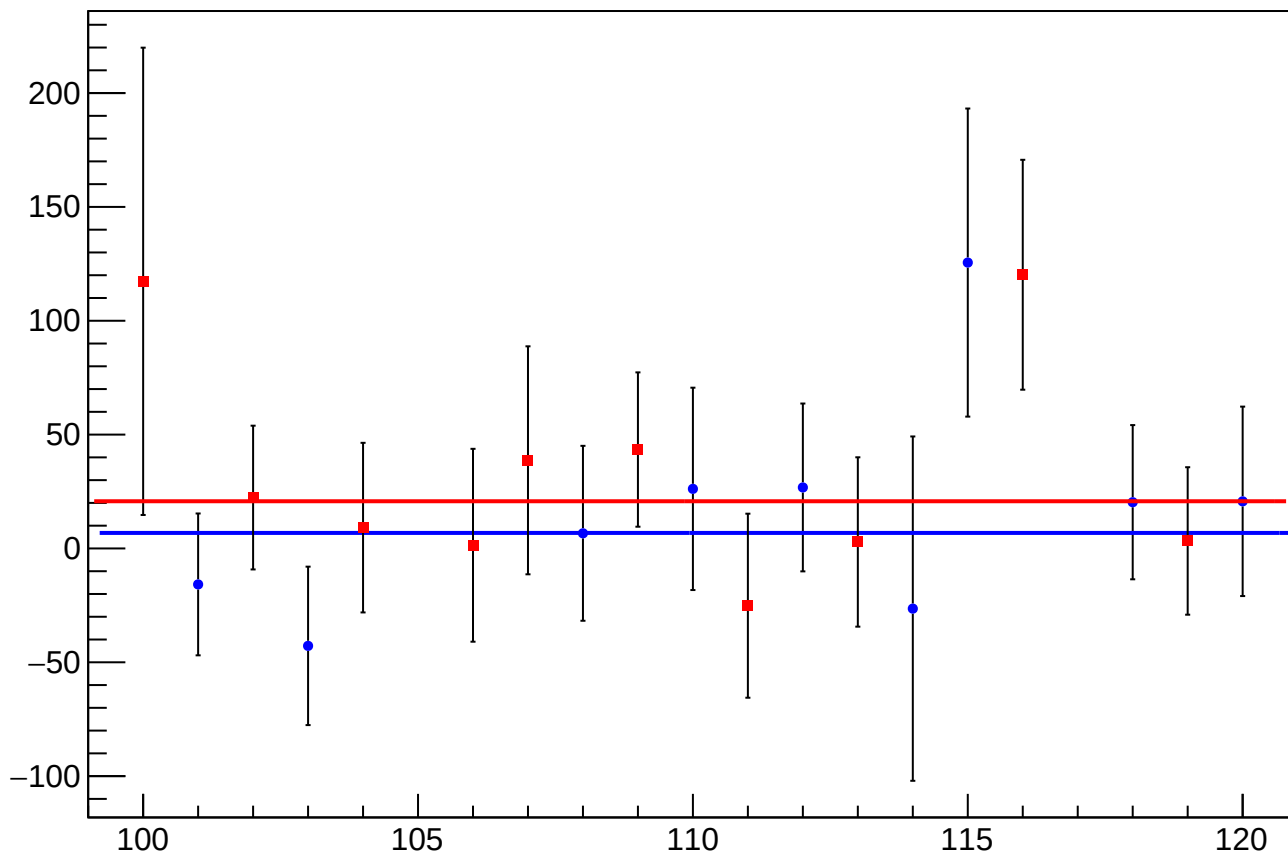
Right: 165.785+/-0.045 χ^2/NDF : 1486328.3/18

In: 175.991+/-0.068 χ^2/NDF : 507890.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.785+/-0.045 χ^2/NDF : 1486328.3/18

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 6.819+/-13.339 χ^2/NDF : 6.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.729+/-12.572 χ^2/NDF : 7.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

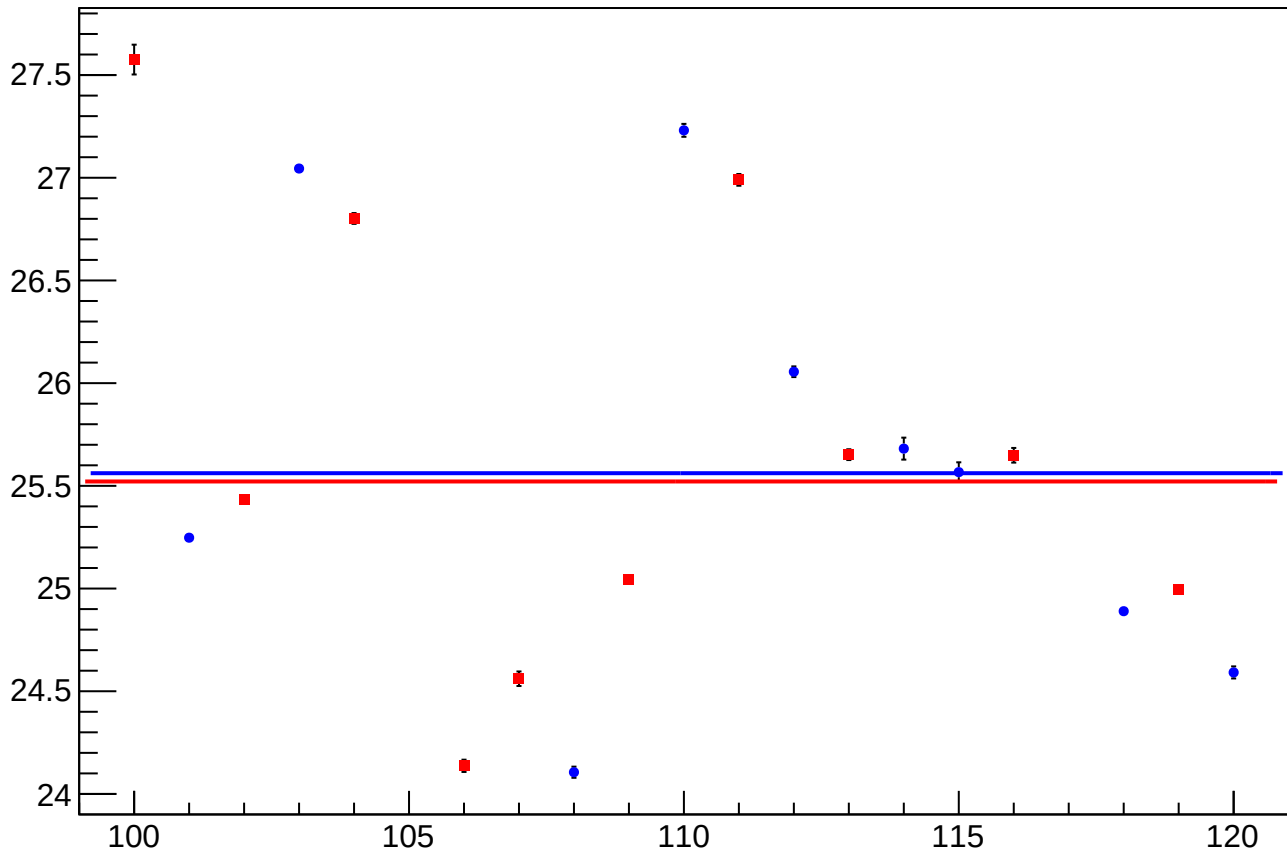
Right: 14.185+/-9.149 χ^2/NDF : 14.6/18

In: 6.819+/-13.339 χ^2/NDF : 6.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.185+/-9.149 χ^2/NDF : 14.6/18

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.562+/-0.009 χ^2/NDF : 11772.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.521+/-0.009 χ^2/NDF : 9657.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

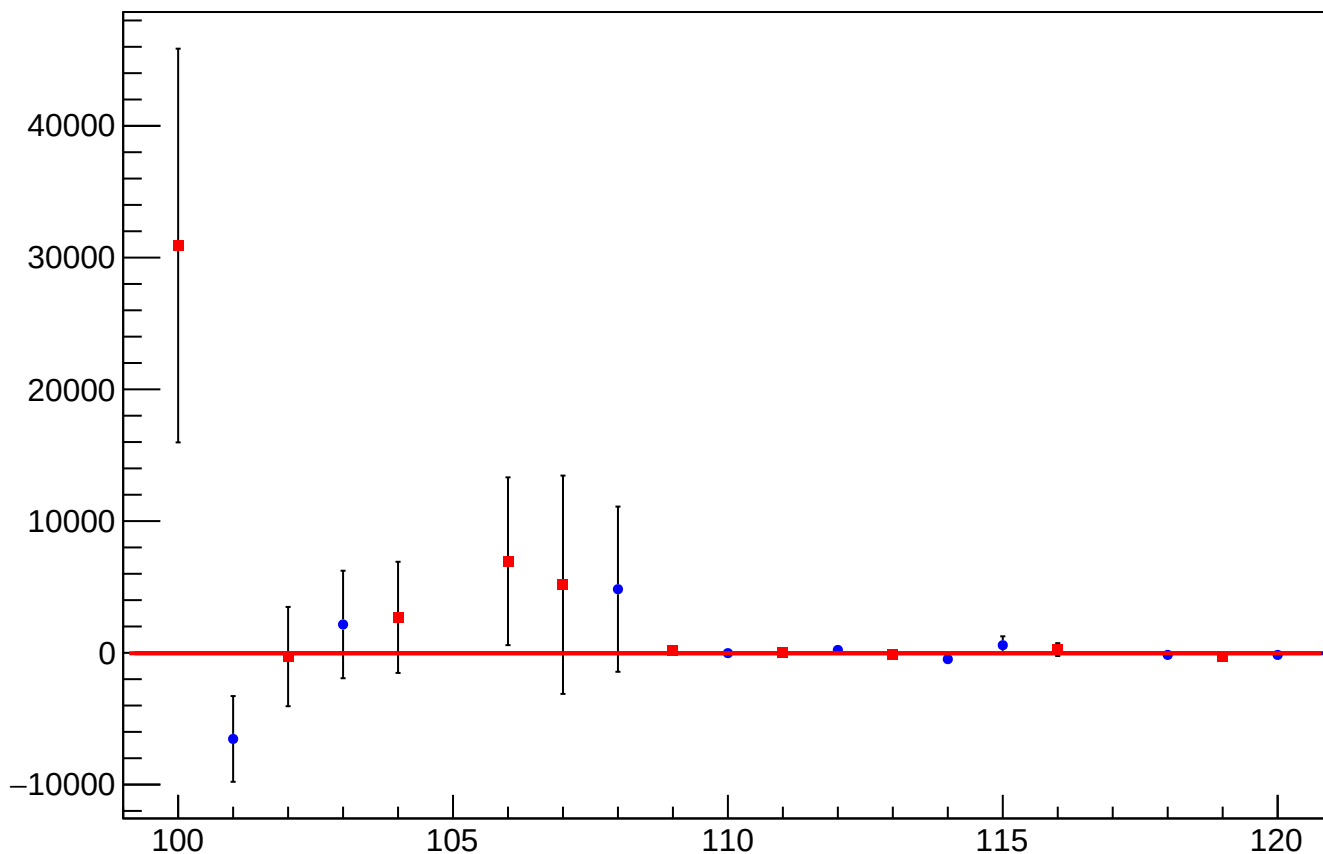
Right: 25.540+/-0.006 χ^2/NDF : 21439.7/18

In: 25.562+/-0.009 χ^2/NDF : 11772.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.540+/-0.006 χ^2/NDF : 21439.7/18

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -31.222+/-111.099 χ^2/NDF : 8.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -30.914+/-101.934 χ^2/NDF : 9.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

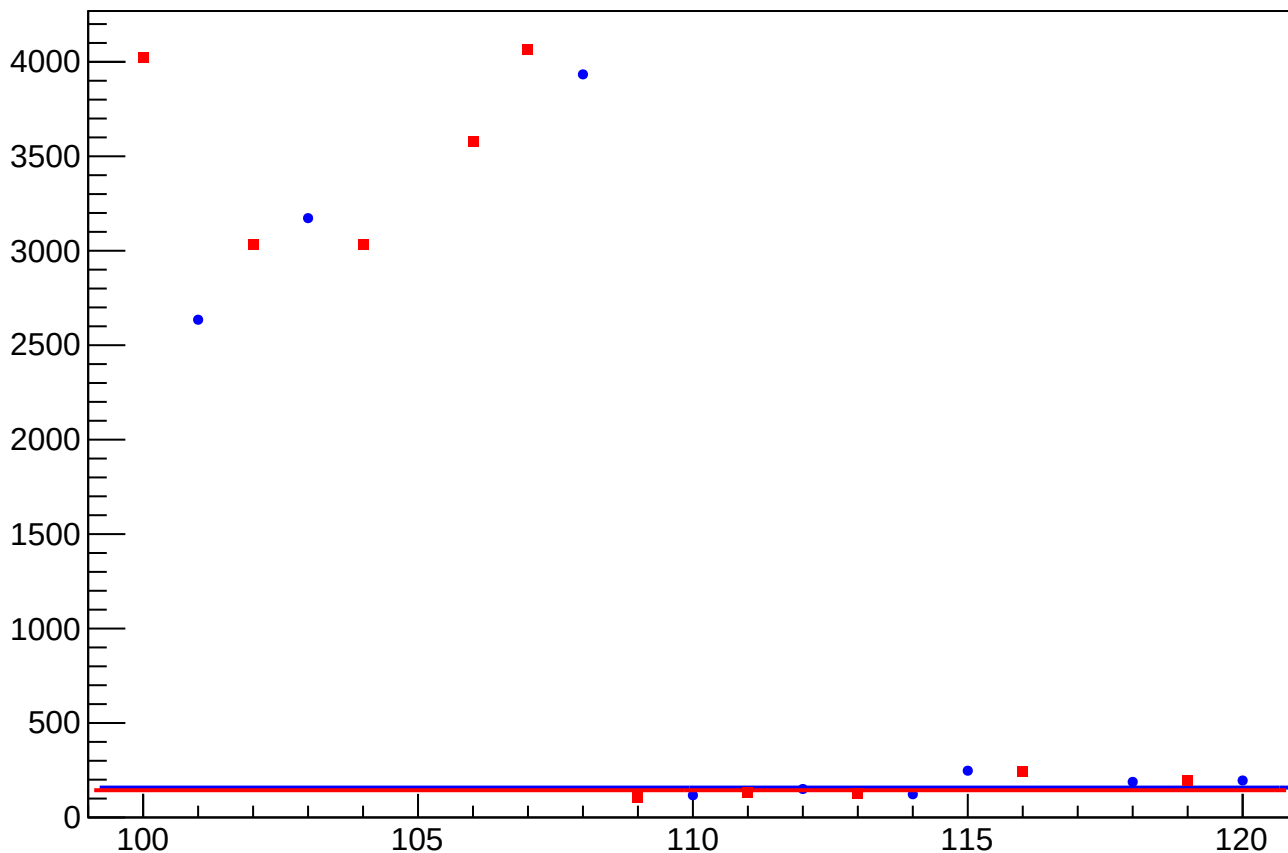
Right: -31.055+/-75.109 χ^2/NDF : 18.2/18

In: -31.222+/-111.099 χ^2/NDF : 8.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.055+/-75.109 χ^2/NDF : 18.2/18

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 158.117+/-0.079 χ^2/NDF : 3172375.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 144.168+/-0.072 χ^2/NDF : 3533249.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

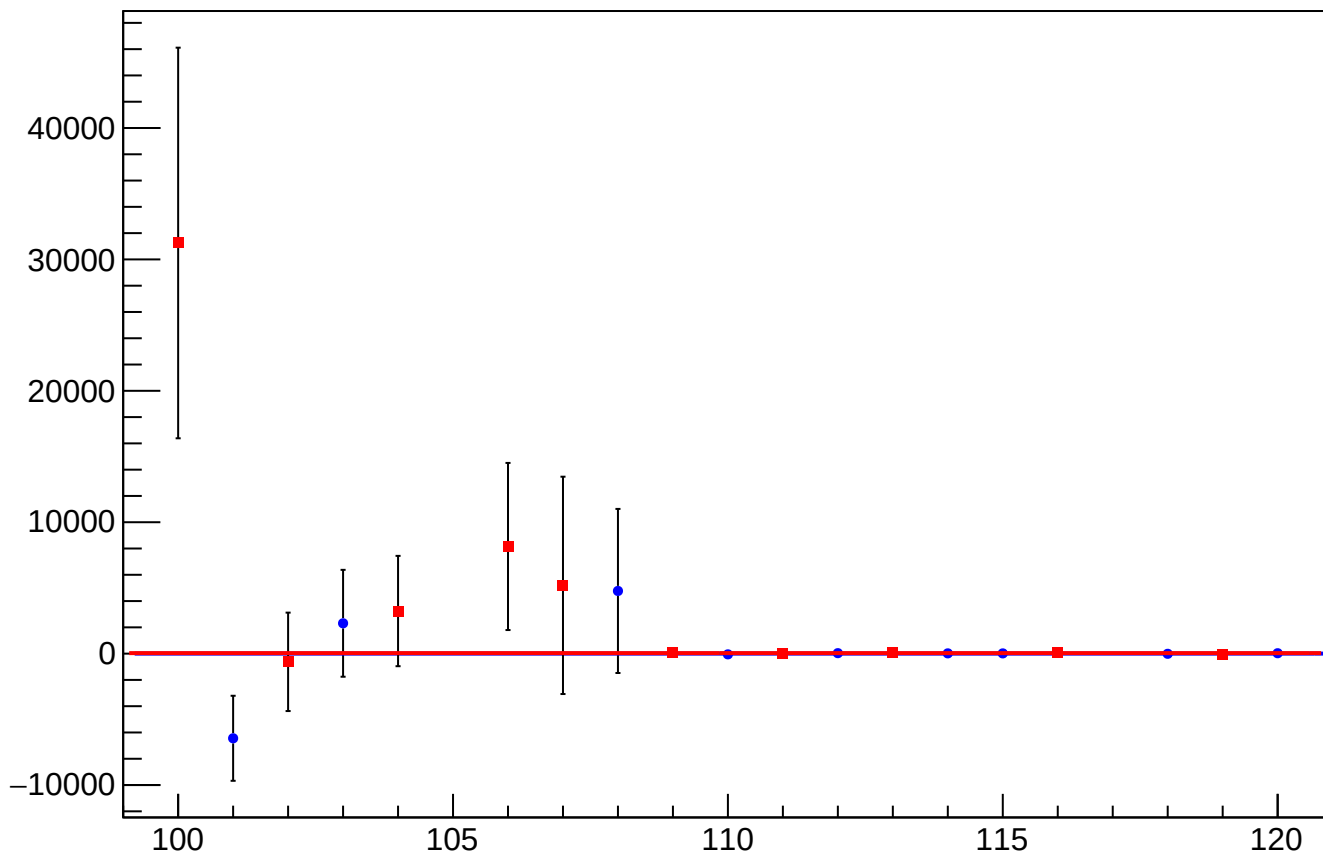
Right: 150.544+/-0.053 χ^2/NDF : 6722743.1/18

In: 158.117+/-0.079 χ^2/NDF :3172375.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 150.544+/-0.053 χ^2/NDF : 6722743.1/18

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 2.802+/-19.538 χ^2/NDF : 8.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.413+/-19.592 χ^2/NDF : 18.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

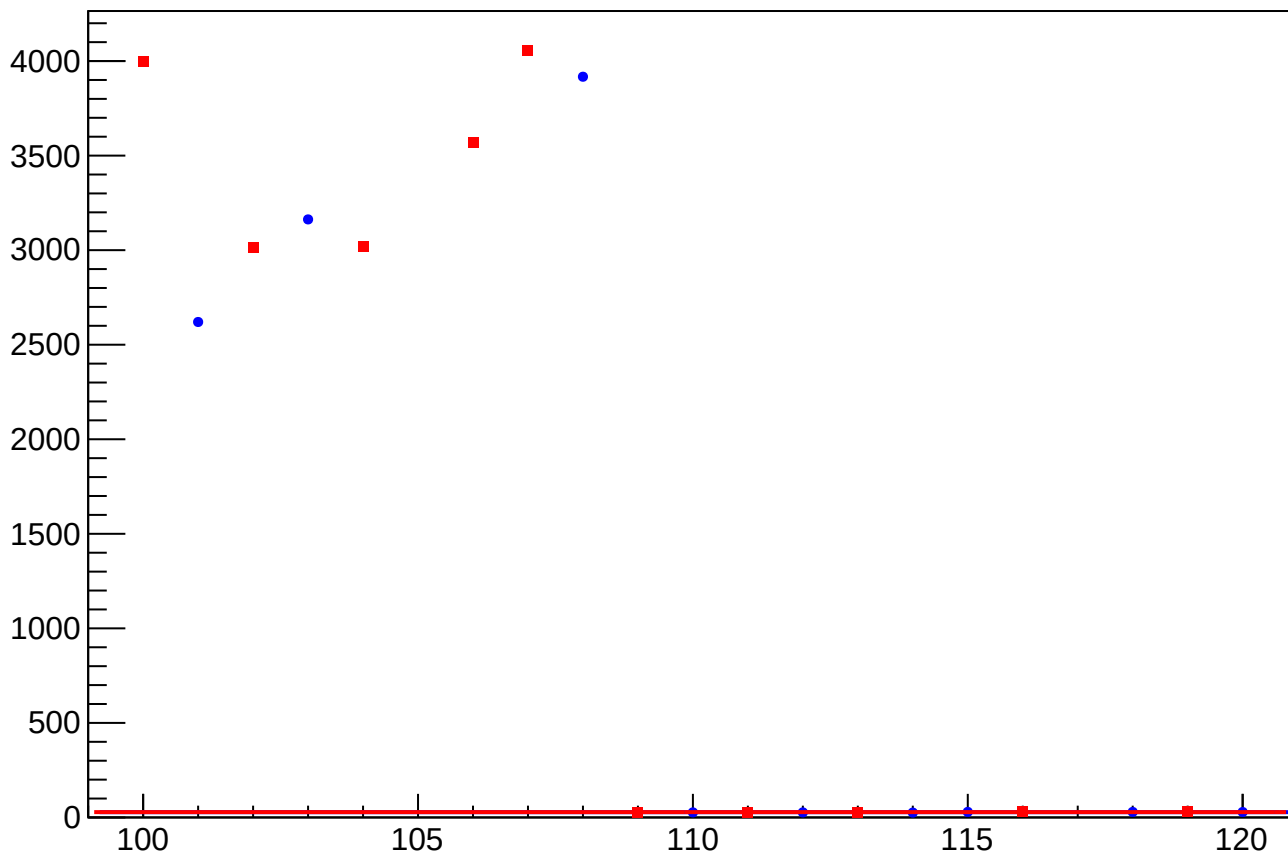
Right: 21.057+/-13.834 χ^2/NDF : 28.2/18

In: 2.802+/-19.538 χ^2/NDF : 8.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.057+/-13.834 χ^2/NDF : 28.2/18

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.961+/-0.014 χ^2/NDF : 3256617.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.190+/-0.014 χ^2/NDF : 3543829.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

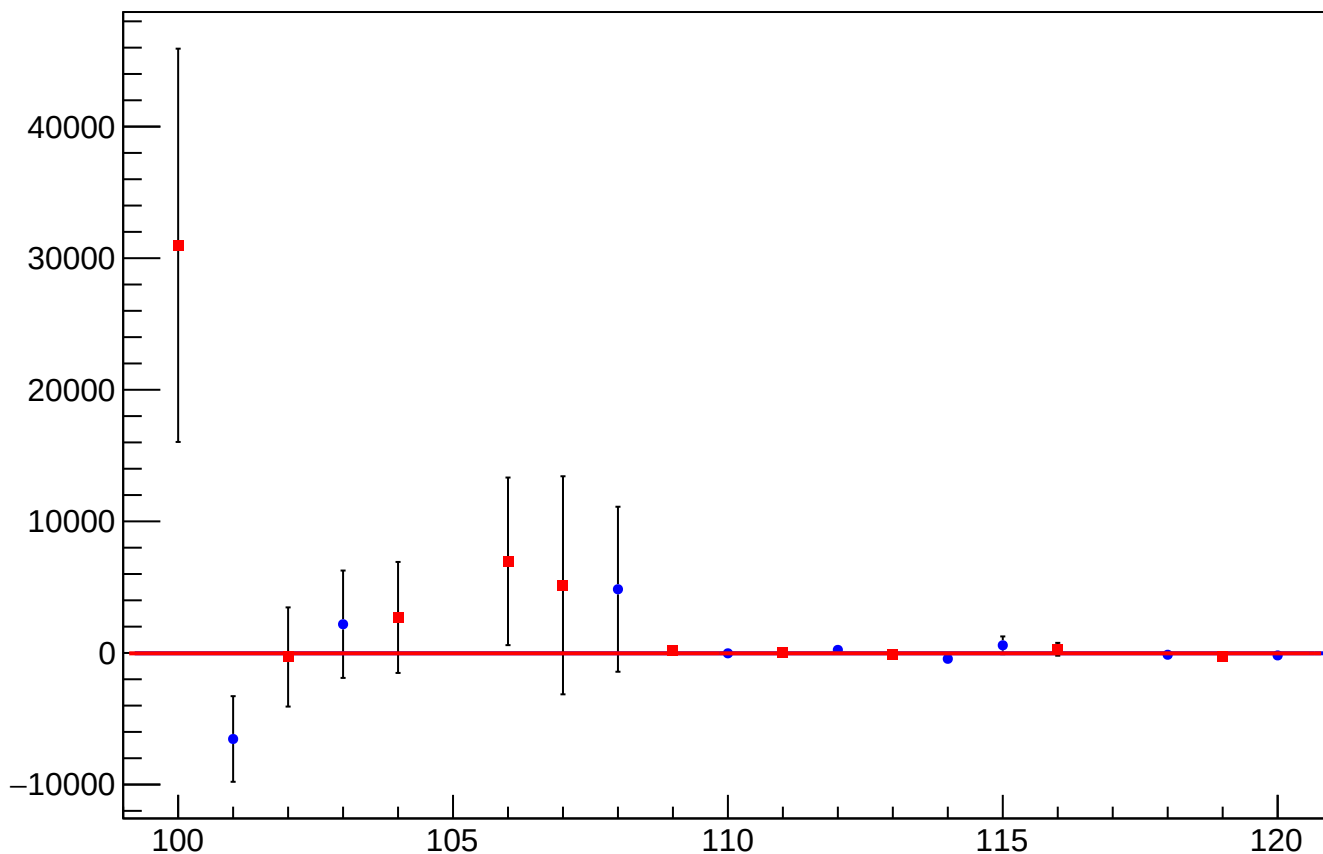
Right: 28.075+/-0.010 χ^2/NDF : 6800584.5/18

In: 27.961+/-0.014 χ^2/NDF : 3256617.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.075+/-0.010 χ^2/NDF : 6800584.5/18

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -24.780+/-110.656 χ^2/NDF : 8.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -28.873+/-101.481 χ^2/NDF : 9.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

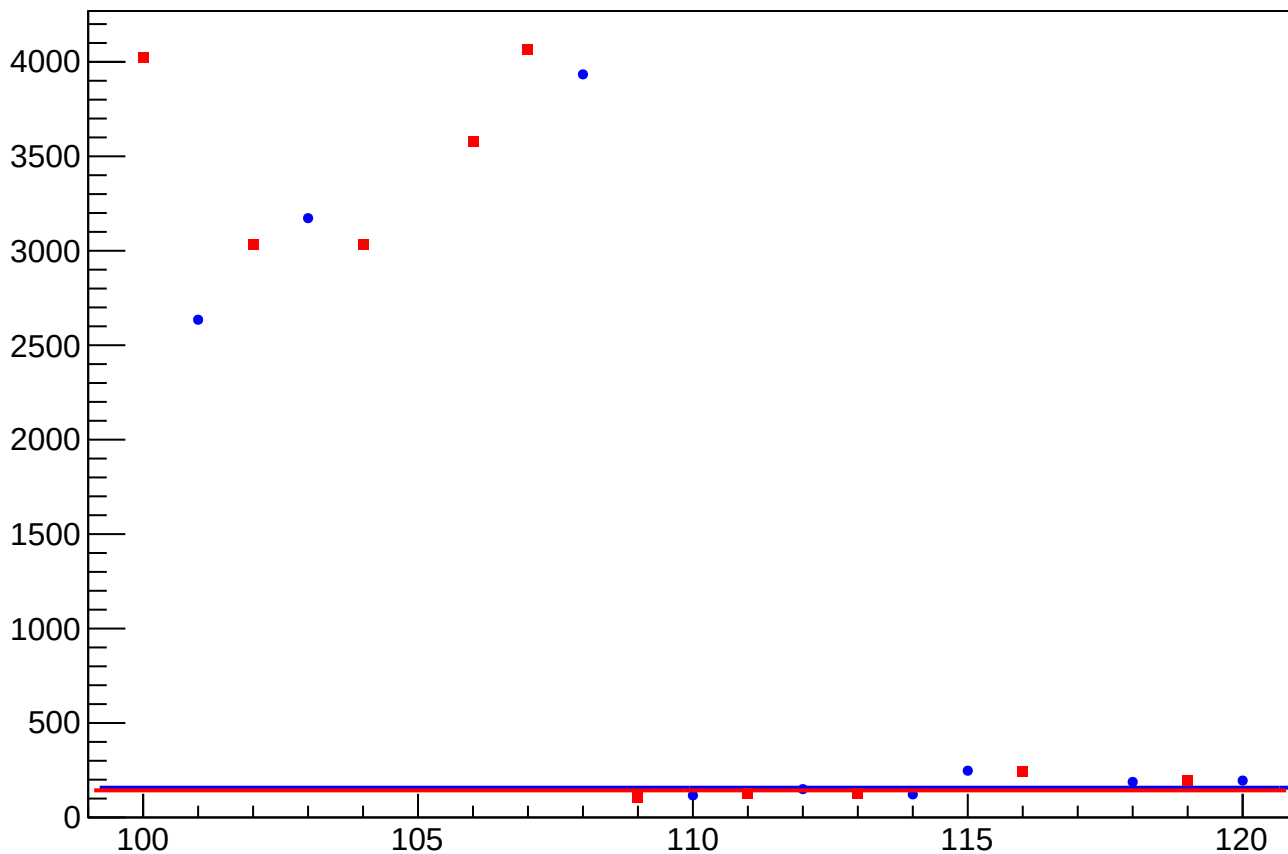
Right: -27.003+/-74.791 χ^2/NDF : 18.2/18

In: -24.780+/-110.656 χ^2/NDF : 8.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.003+/-74.791 χ^2/NDF : 18.2/18

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 157.401+/-0.078 χ^2/NDF : 3176628.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 143.431+/-0.072 χ^2/NDF : 3538251.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

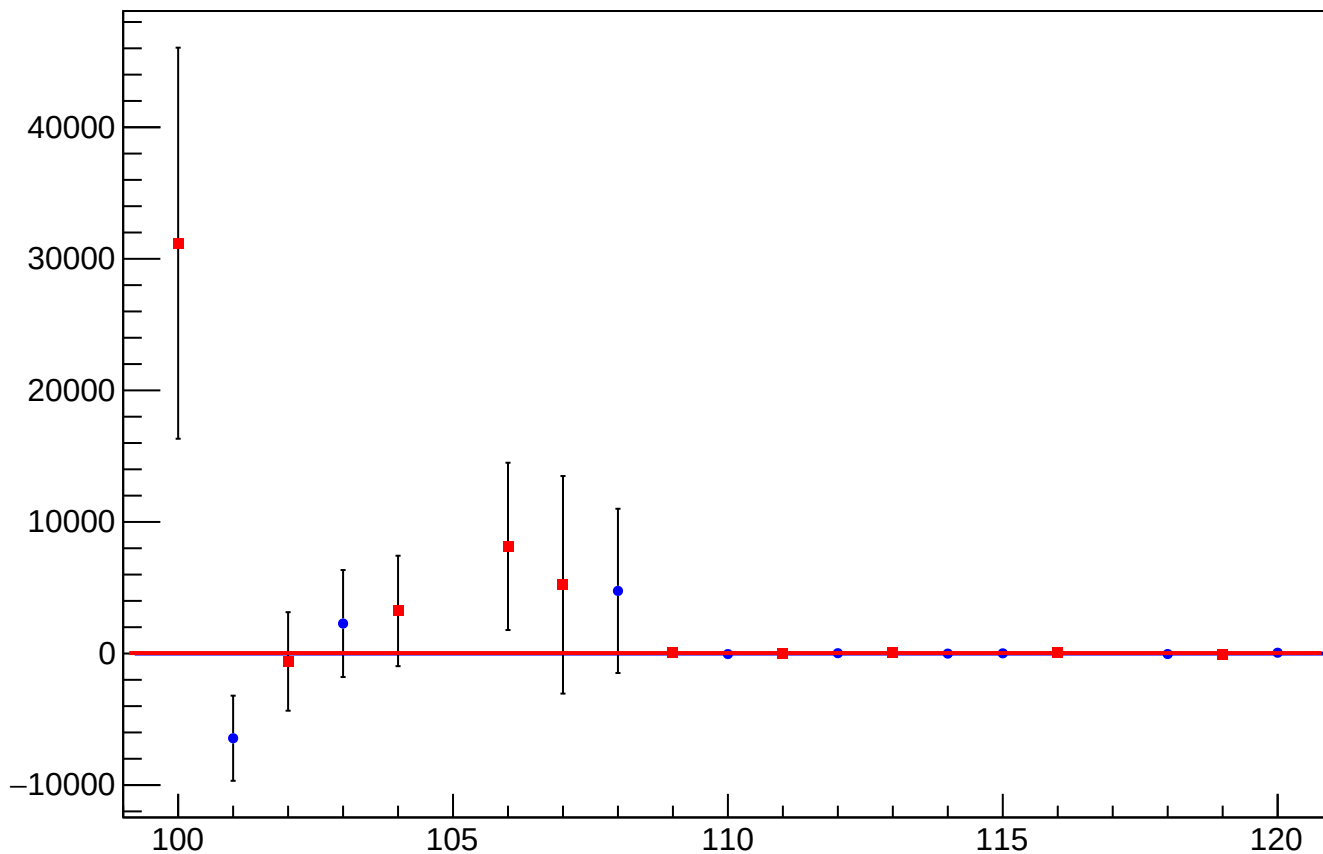
Right: 149.813+/-0.053 χ^2/NDF : 6732195.8/18

In: 157.401+/-0.078 χ^2/NDF :3176628.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 149.813+/-0.053 χ^2/NDF : 6732195.8/18

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -1.963+/-19.624 χ^2/NDF : 8.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.595+/-19.721 χ^2/NDF : 15.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

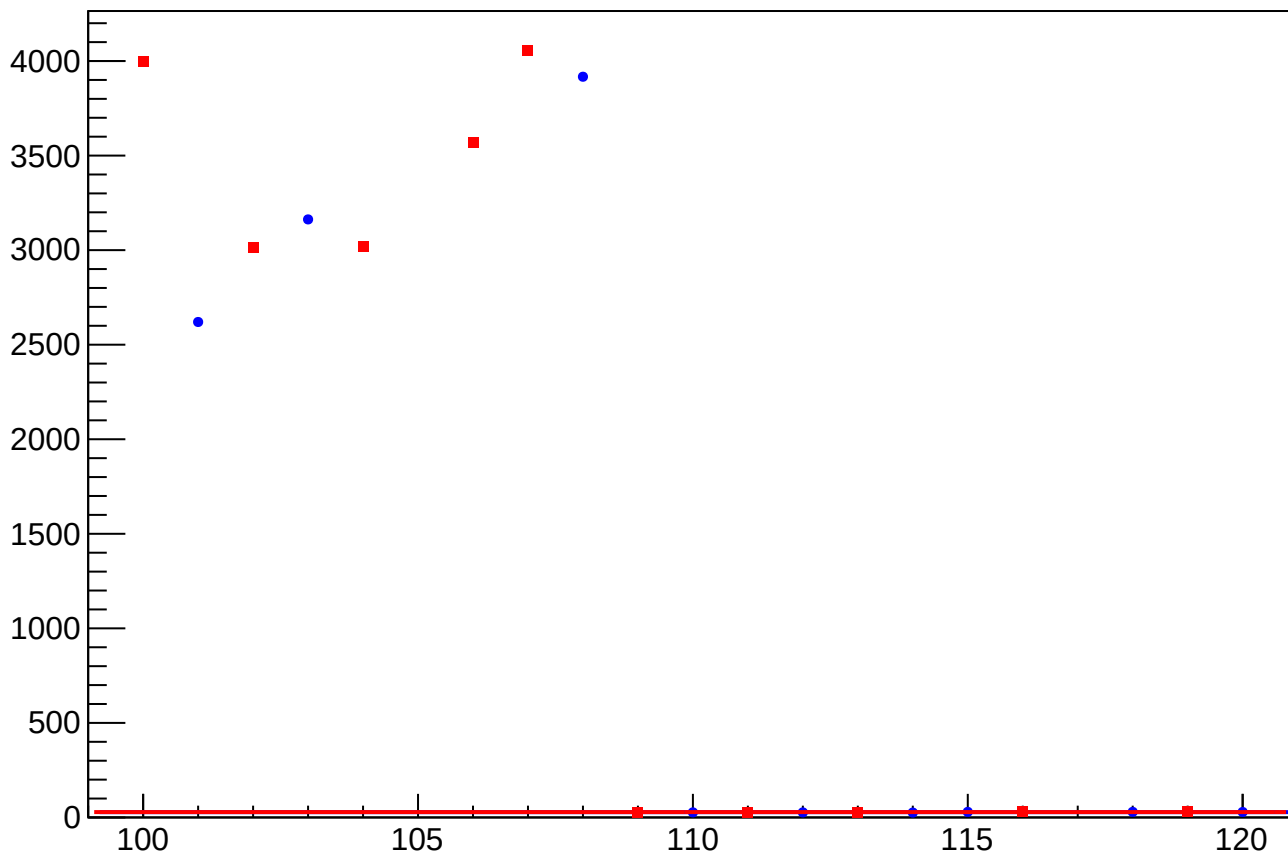
Right: 16.226+/-13.910 χ^2/NDF : 26.3/18

In: -1.963+/-19.624 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.226+/-13.910 χ^2/NDF : 26.3/18

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 28.080+/-0.014 χ^2/NDF : 3257394.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 28.369+/-0.014 χ^2/NDF : 3545736.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

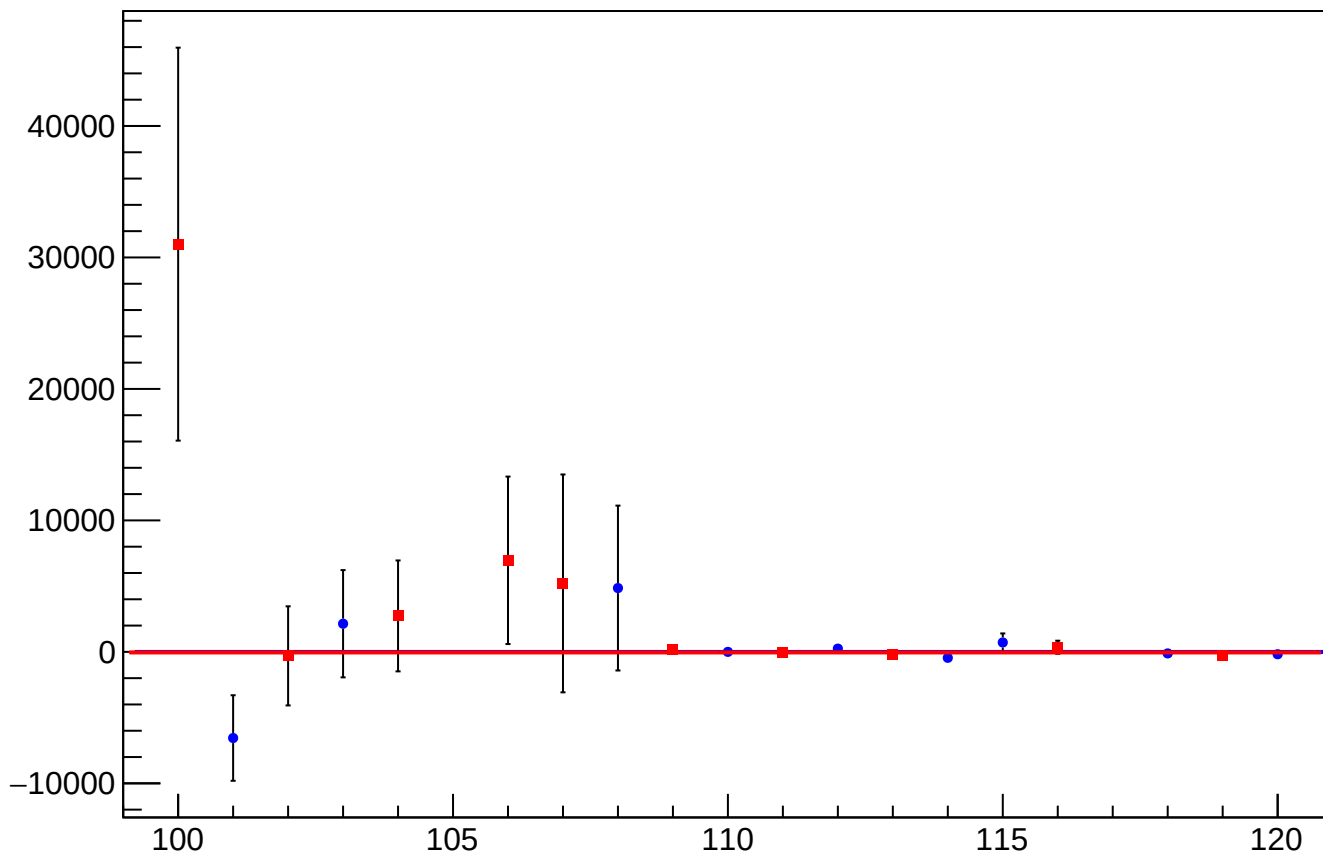
Right: 28.224+/-0.010 χ^2/NDF : 6803346.1/18

In: 28.080+/-0.014 χ^2/NDF :3257394.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 28.224+/-0.010 χ^2/NDF : 6803346.1/18

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -6.038+/-112.437 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -44.466+/-103.394 χ^2/NDF : 9.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

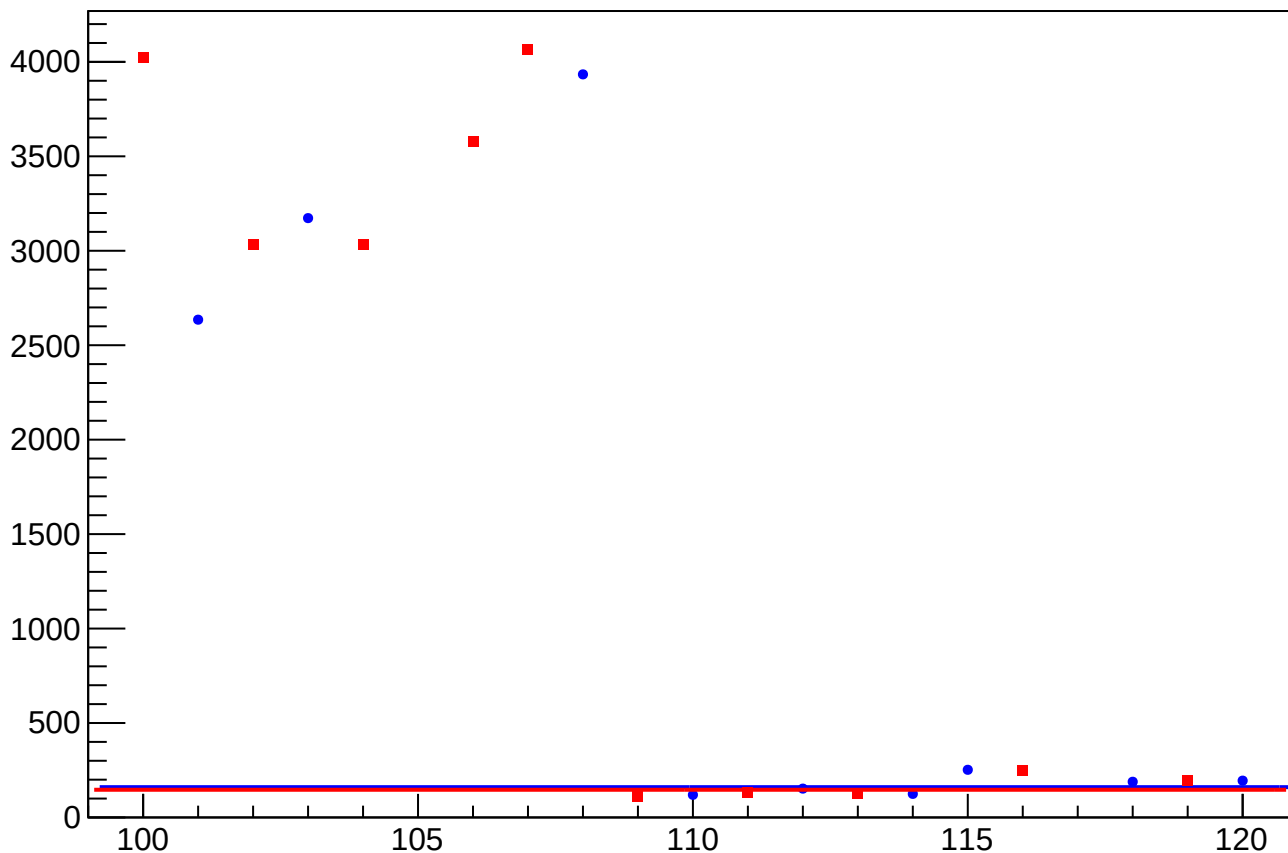
Right: -26.859+/-76.107 χ^2/NDF : 19.0/18

In: -6.038+/-112.437 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.859+/-76.107 χ^2/NDF : 19.0/18

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 160.345+/-0.080 χ^2/NDF : 3157523.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 146.602+/-0.073 χ^2/NDF : 3516788.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

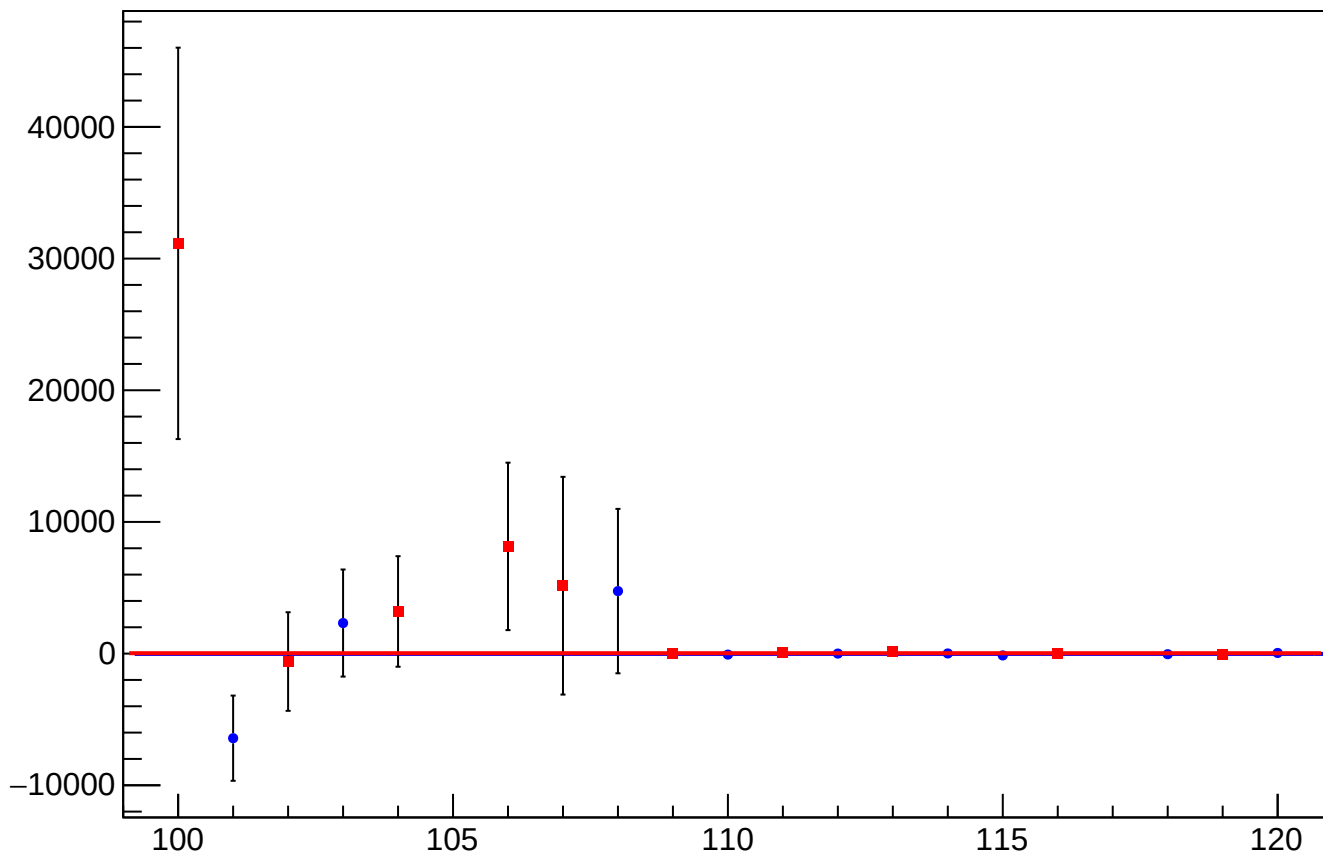
Right: 152.899+/-0.054 χ^2/NDF : 6690499.9/18

In: 160.345+/-0.080 χ^2/NDF :3157523.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 152.899+/-0.054 χ^2/NDF : 6690499.9/18

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -26.120 $\pm$ 23.921 χ^2 /NDF: 9.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 30.000 $\pm$ 23.887 χ^2 /NDF: 17.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

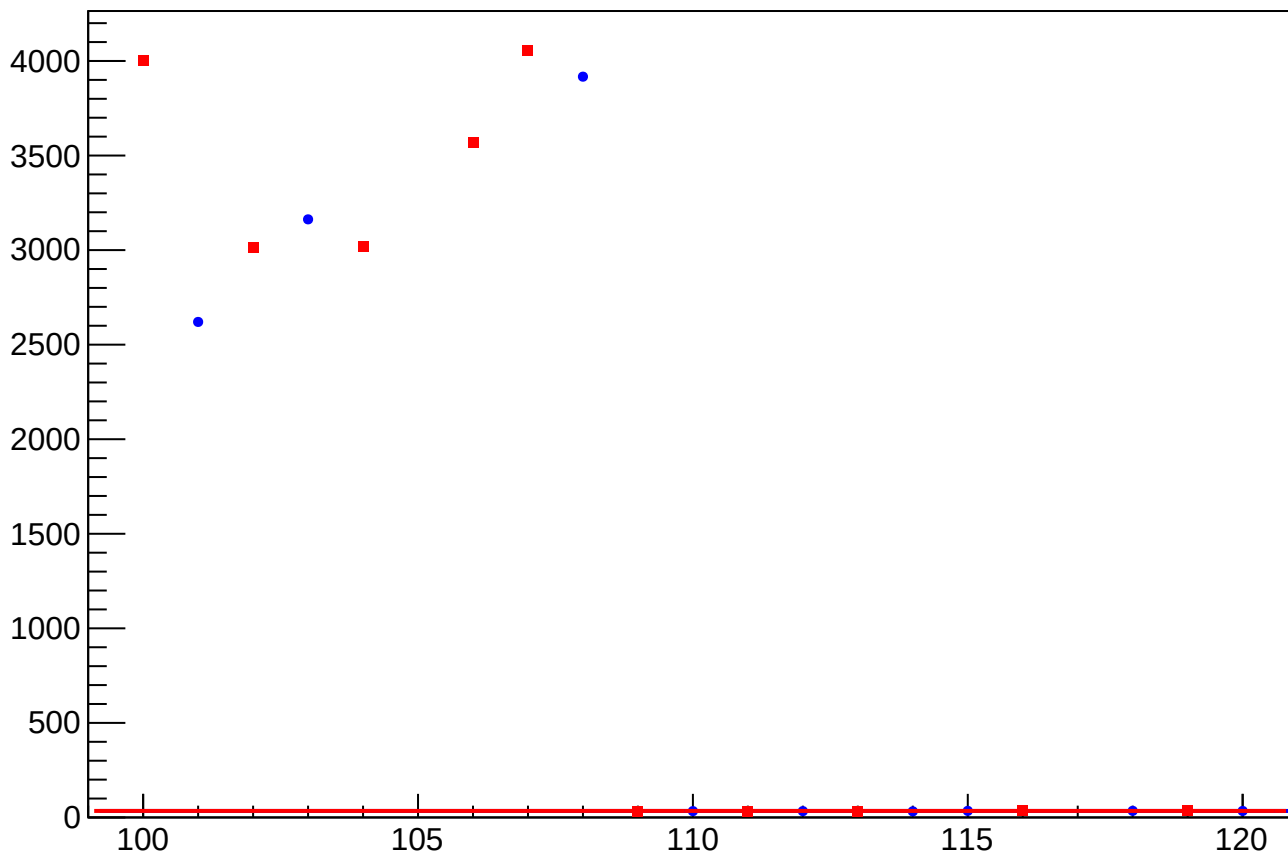
Right: 1.980 $\pm$ 16.903 χ^2 /NDF: 30.1/18

In: -26.120 $\pm$ 23.921 χ^2 /NDF:9.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.980 $\pm$ 16.903 χ^2 /NDF: 30.1/18

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 34.330+/-0.017 χ^2/NDF : 3237356.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 34.483+/-0.017 χ^2/NDF : 3519651.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

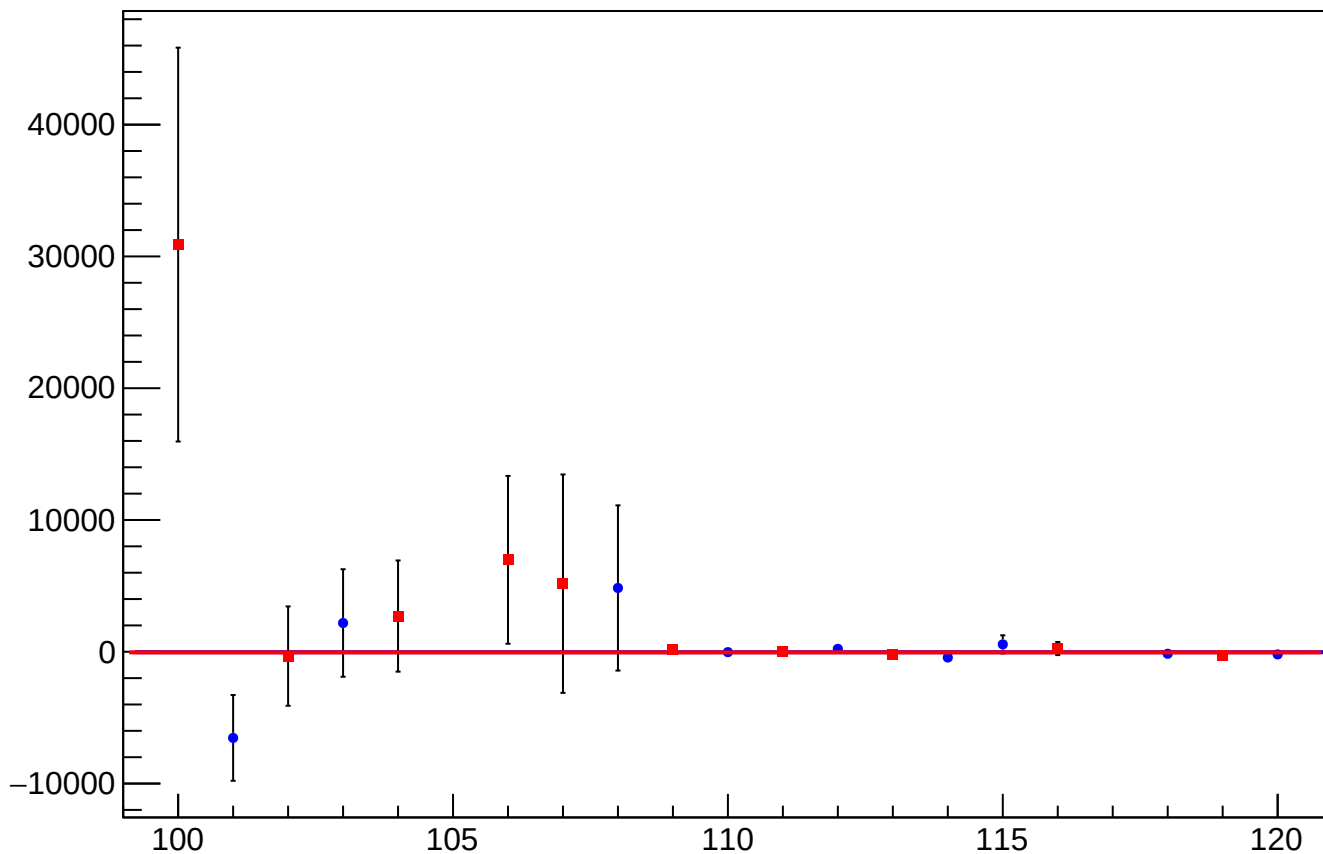
Right: 34.407+/-0.012 χ^2/NDF : 6757049.2/18

In: 34.330+/-0.017 χ^2/NDF :3237356.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 34.407+/-0.012 χ^2/NDF : 6757049.2/18

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -31.687+/-111.627 χ^2/NDF : 8.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -47.096+/-102.477 χ^2/NDF : 9.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

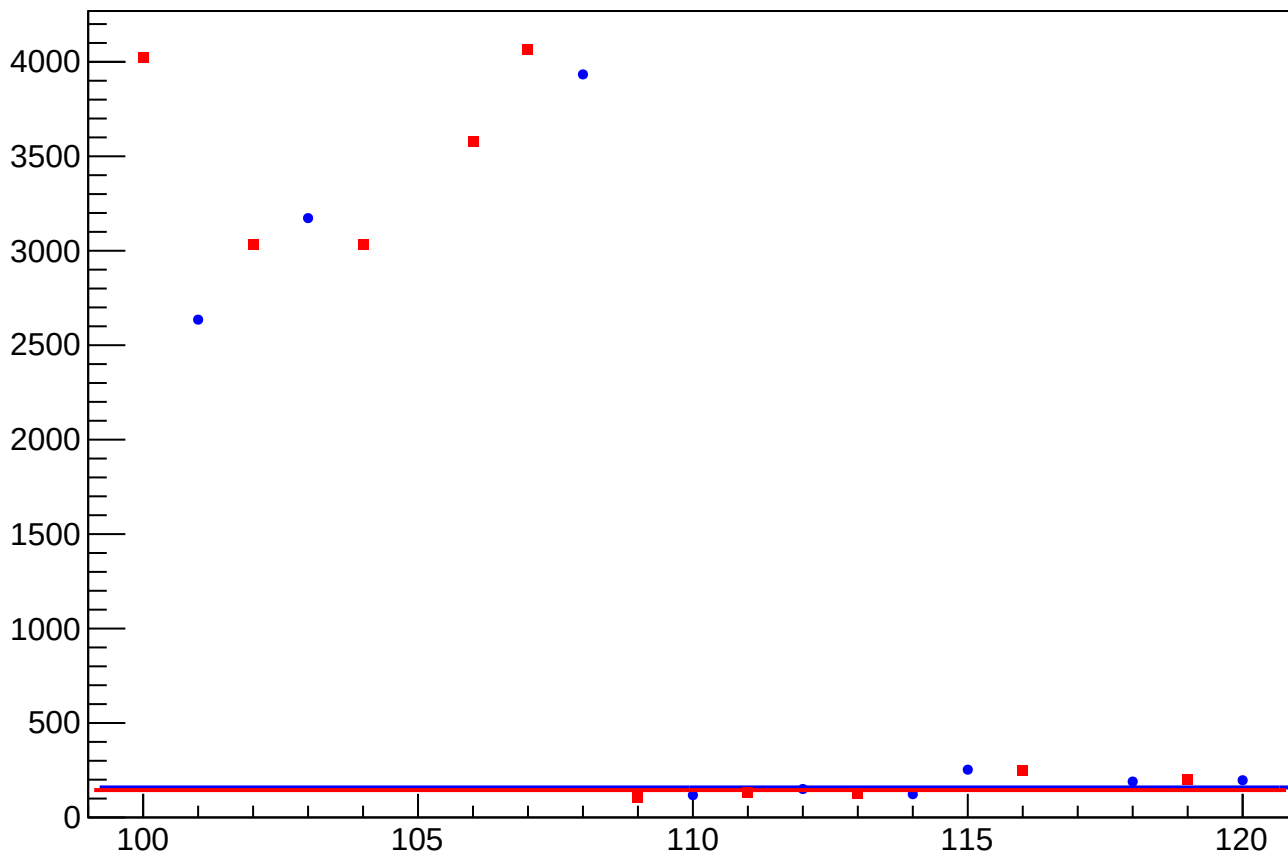
Right: -40.048+/-75.490 χ^2/NDF : 17.9/18

In: -31.687+/-111.627 χ^2/NDF : 8.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.048+/-75.490 χ^2/NDF : 17.9/18

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 158.837+/-0.079 χ^2/NDF : 3175197.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.888+/-0.072 χ^2/NDF : 3539009.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

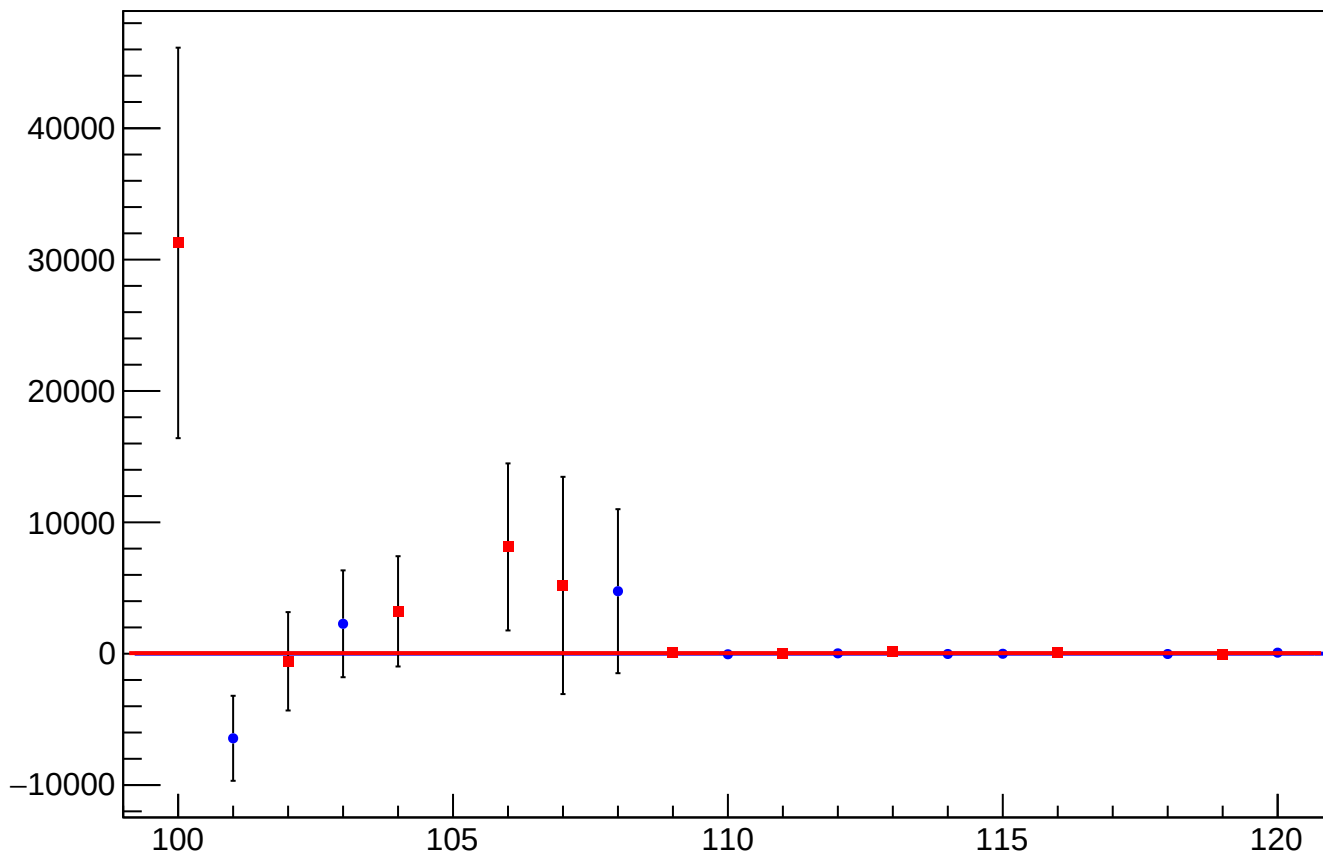
Right: 151.267+/-0.053 χ^2/NDF : 6731154.8/18

In: 158.837+/-0.079 χ^2/NDF : 3175197.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.267+/-0.053 χ^2/NDF : 6731154.8/18

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 4.724+/-22.079 χ^2/NDF : 8.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.374+/-22.092 χ^2/NDF : 19.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

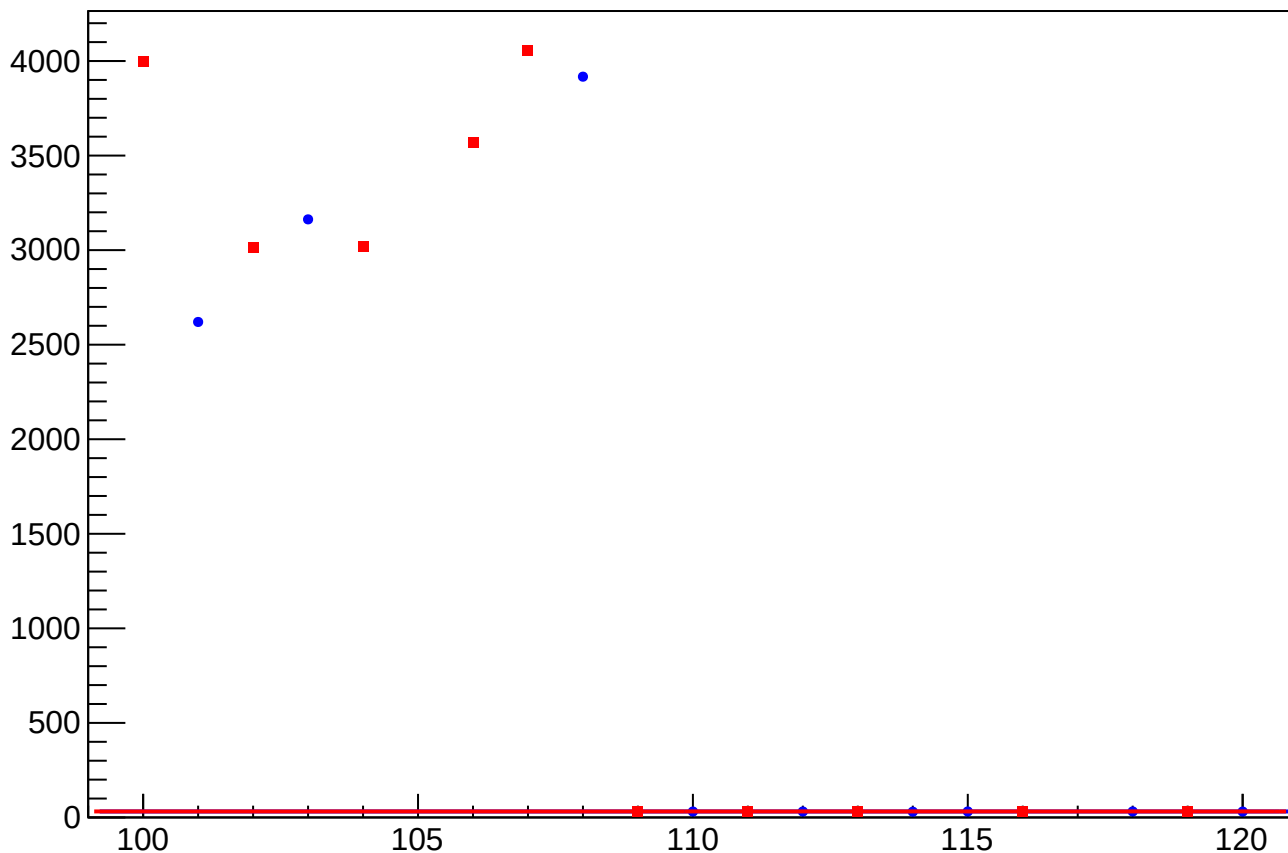
Right: 24.537+/-15.617 χ^2/NDF : 29.8/18

In: 4.724+/-22.079 χ^2/NDF : 8.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.537+/-15.617 χ^2/NDF : 29.8/18

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 31.668+/-0.016 χ^2/NDF : 3241348.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.881+/-0.016 χ^2/NDF : 3522127.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

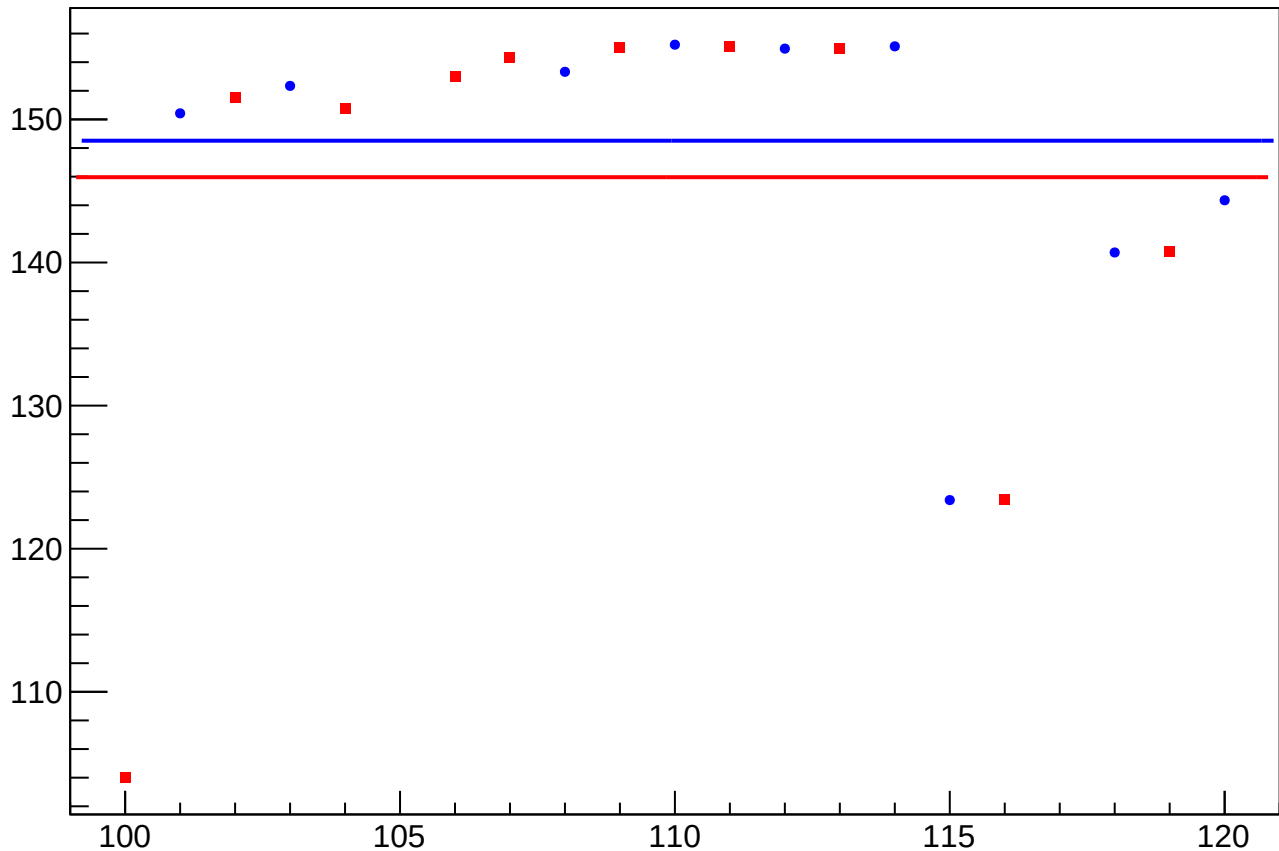
Right: 31.774+/-0.011 χ^2/NDF : 6763568.9/18

In: 31.668+/-0.016 χ^2/NDF : 3241348.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.774+/-0.011 χ^2/NDF : 6763568.9/18

yield_bcm_target_mean vs Slug, Sign Corrected



Right In: 148.513+/-0.000 χ^2/NDF : 1942618344.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 145.963+/-0.000 χ^2/NDF : 3899681892.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

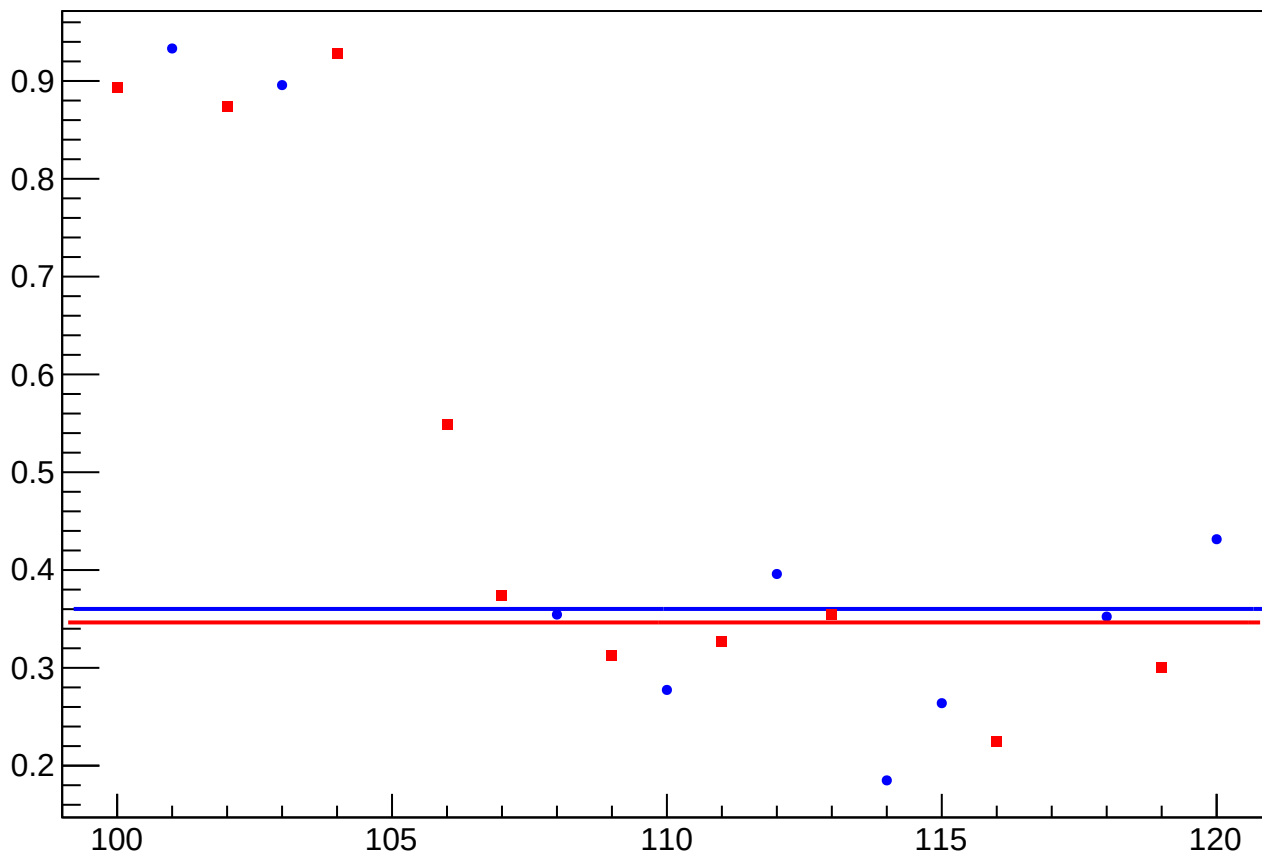
Right: 147.089+/-0.000 χ^2/NDF : 5919071440.2/18

In: 148.513+/-0.000 χ^2/NDF : 1942618344.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.089+/-0.000 χ^2/NDF : 5919071440.2

yield_bcm_target_rms vs Slug, Sign Corrected



Right In: 0.360+/-0.000 χ^2/NDF : 1182690.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.346+/-0.000 χ^2/NDF : 1163617.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

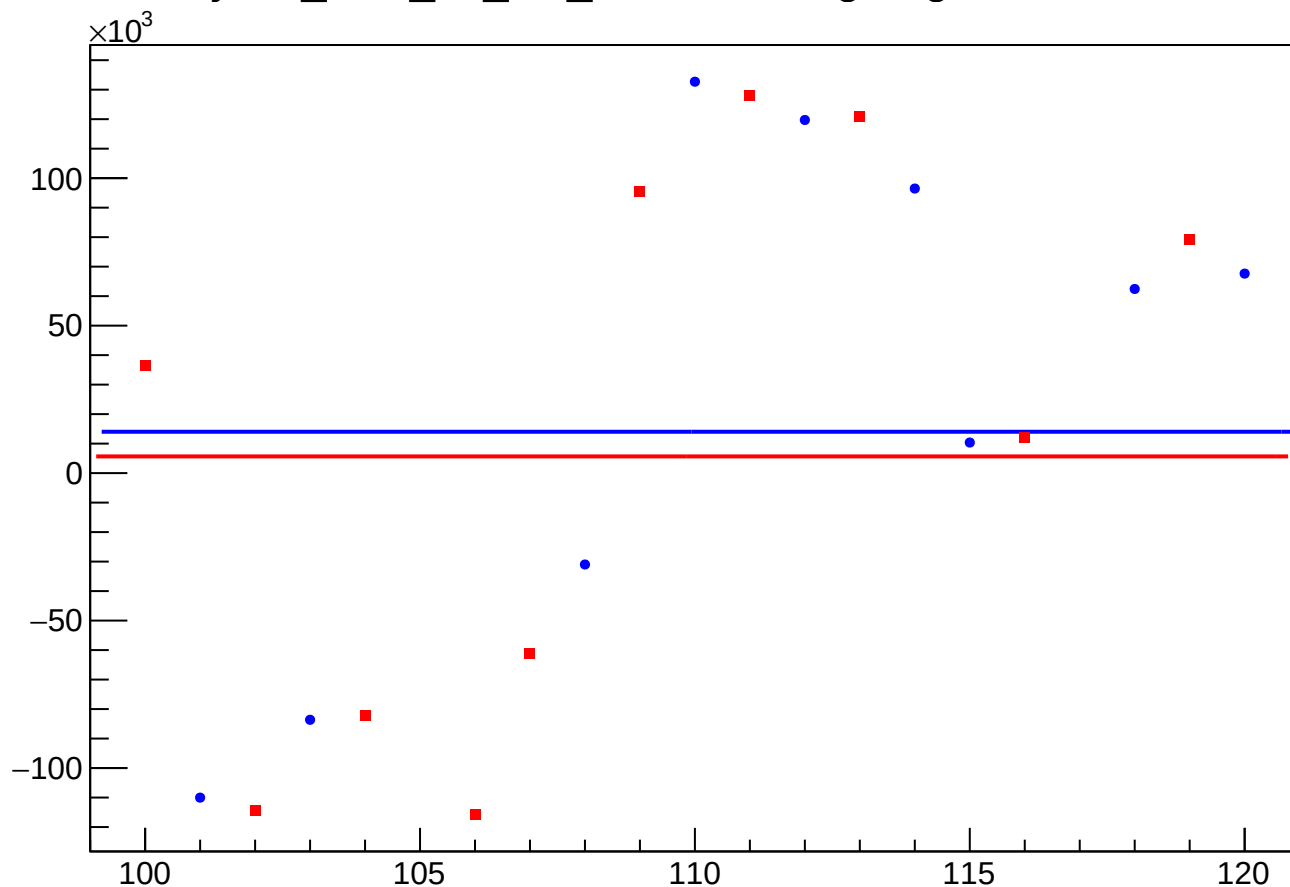
Right: 0.353+/-0.000 χ^2/NDF : 2350810.1/18

In: 0.360+/-0.000 χ^2/NDF :1182690.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.353+/-0.000 χ^2/NDF : 2350810.1/18

yield_bcm_an_diff_mean vs Slug, Sign Corrected



Right In: 14023.226+/-2.877 χ^2 /NDF: 989093797.7/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 5662.778+/-2.543 χ^2 /NDF: 1500243933.3/9

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

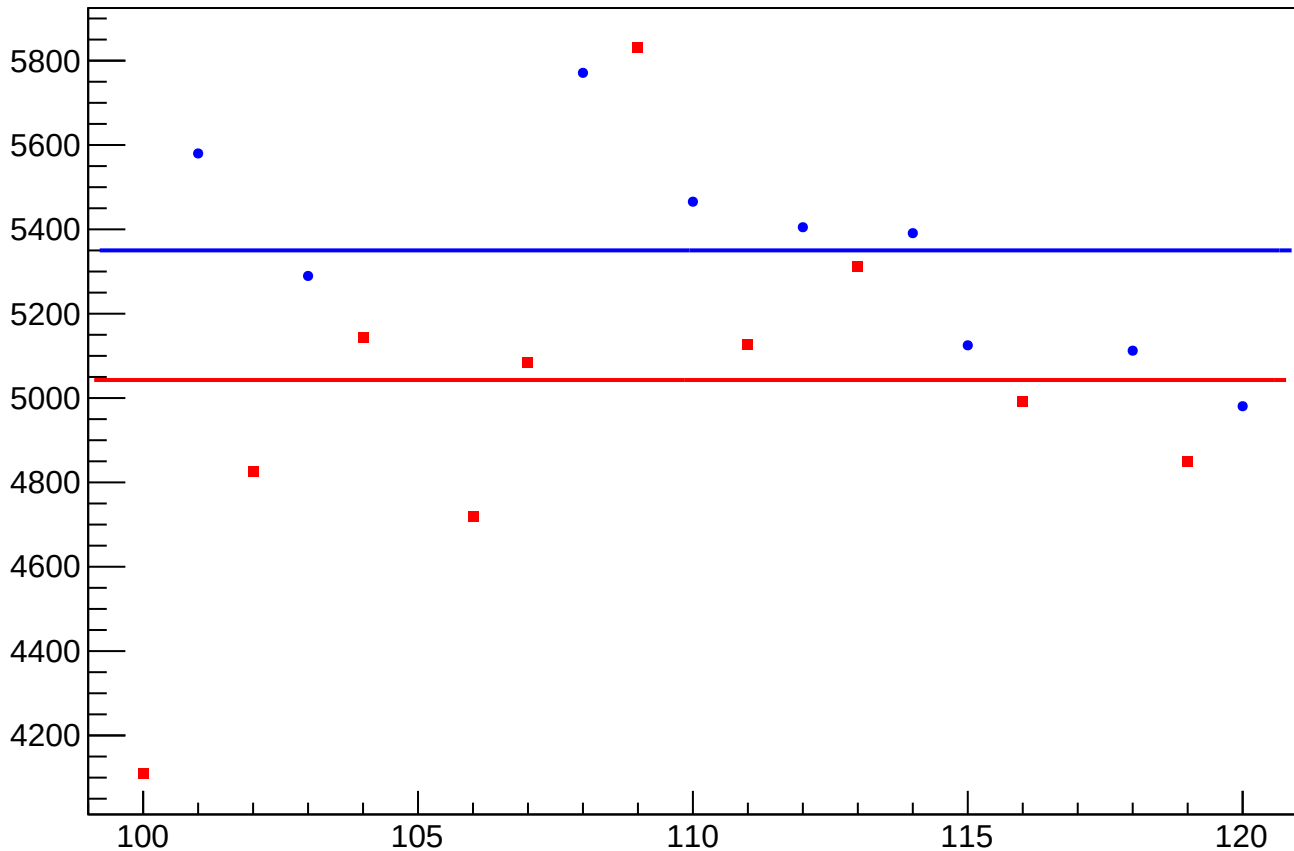
Right: 9329.237+/-1.905 χ^2 /NDF: 2494078619.1/18

In: 14023.226+/-2.877 χ^2 /NDF: 989093797.7/8

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 9329.237+/-1.905 χ^2 /NDF: 2494078619.1/18

yield_bcm_an_diff_rms vs Slug, Sign Corrected



Right In: 5350.136+/-2.034 χ^2/NDF : 12810.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5042.763+/-1.798 χ^2/NDF : 36137.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

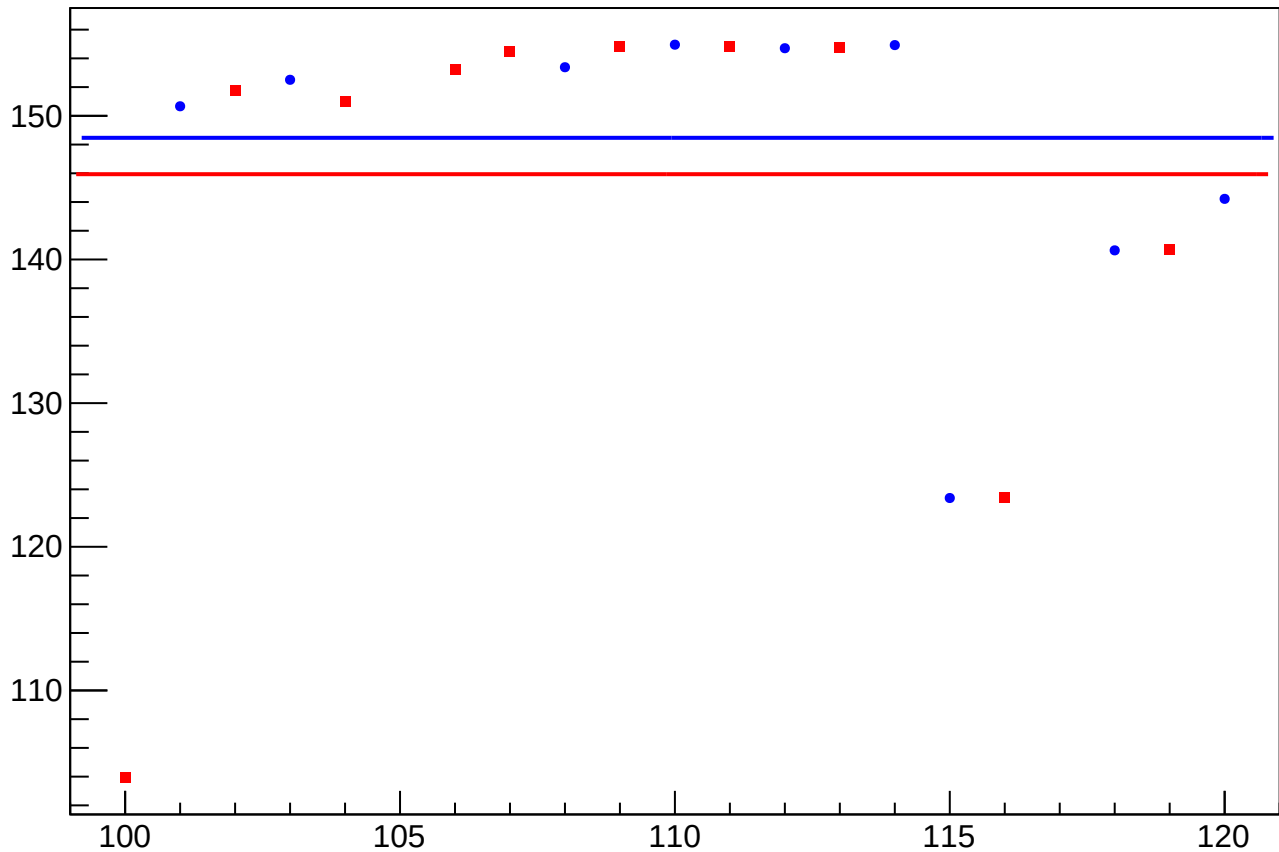
Right: 5177.561+/-1.347 χ^2/NDF : 61764.5/18

In: 5350.136+/-2.034 χ^2/NDF : 12810.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5177.561+/-1.347 χ^2/NDF : 61764.5/18

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 148.470+/-0.000 χ^2/NDF : 1947419821.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 145.937+/-0.000 χ^2/NDF : 3921584359.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

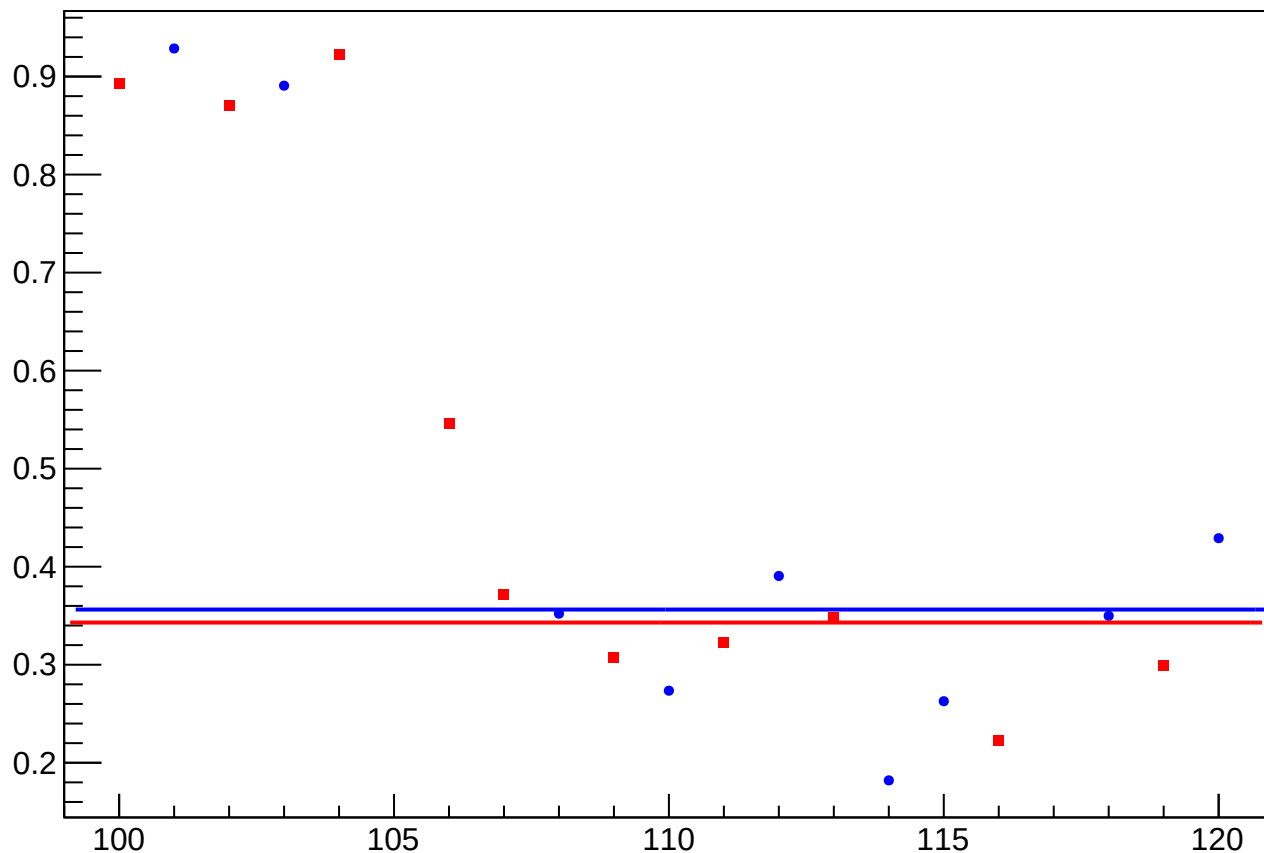
Right: 147.057+/-0.000 χ^2/NDF : 5946207775.9/18

In: 148.470+/-0.000 χ^2/NDF : 1947419821.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.057+/-0.000 χ^2/NDF : 5946207775.9

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.356+/-0.000 χ^2/NDF : 1192872.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.343+/-0.000 χ^2/NDF : 1166960.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

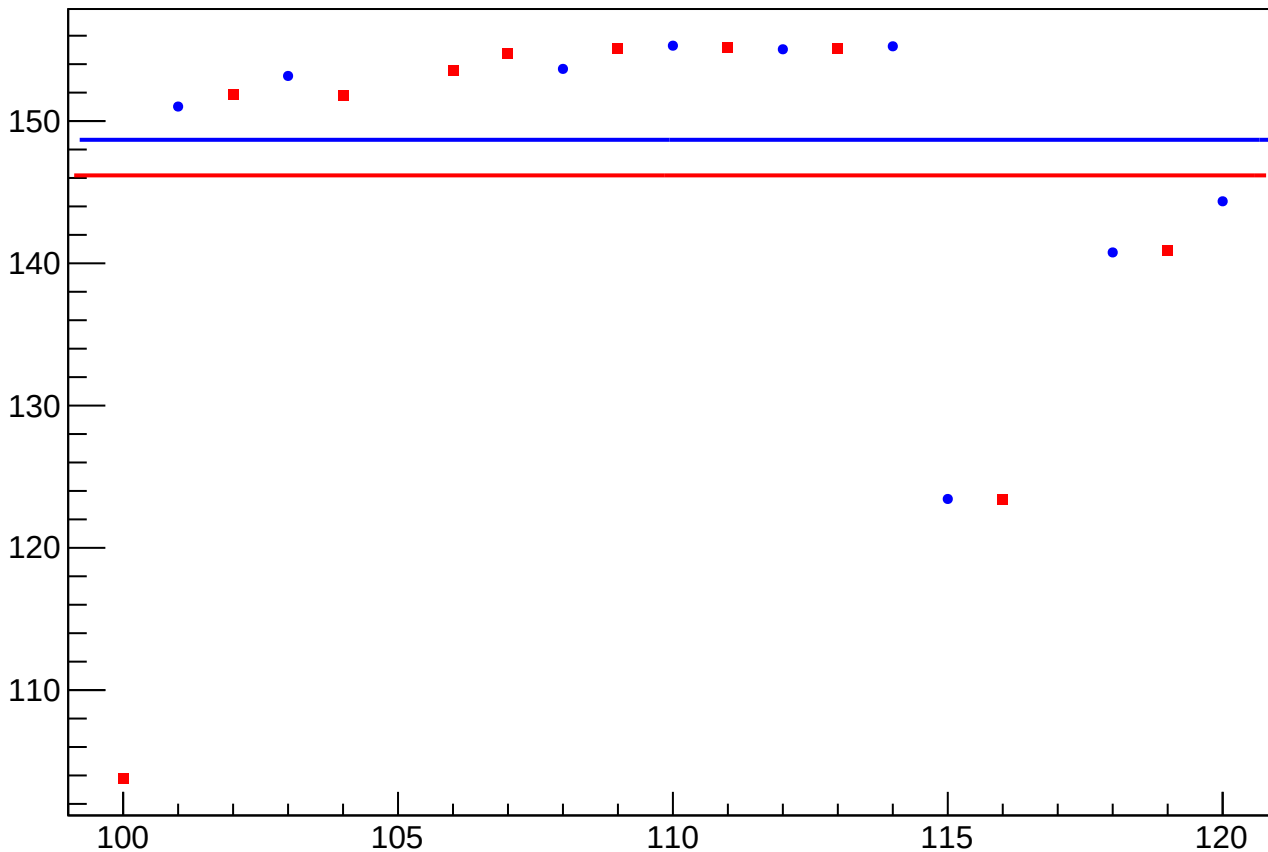
Right: 0.349+/-0.000 χ^2/NDF : 2364073.4/18

In: 0.356+/-0.000 χ^2/NDF :1192872.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.349+/-0.000 χ^2/NDF : 2364073.4/18

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 148.683+/-0.000 χ^2/NDF : 1958140541.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.181+/-0.000 χ^2/NDF : 3903835358.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

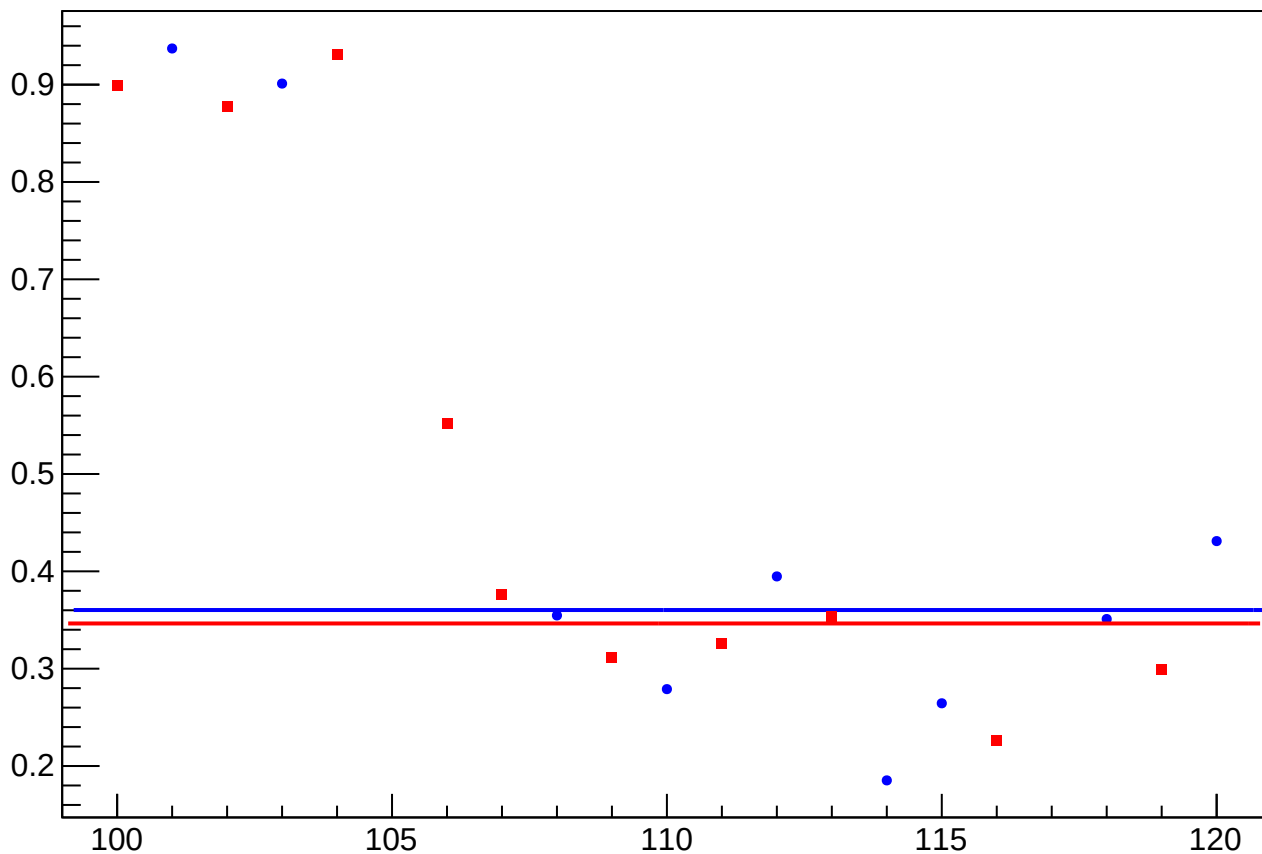
Right: 147.286+/-0.000 χ^2/NDF : 5935856409.8/18

In: 148.683+/-0.000 χ^2/NDF : 1958140541.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.286+/-0.000 χ^2/NDF : 5935856409.8

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.360+/-0.000 χ^2/NDF : 1184816.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.346+/-0.000 χ^2/NDF : 1165337.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

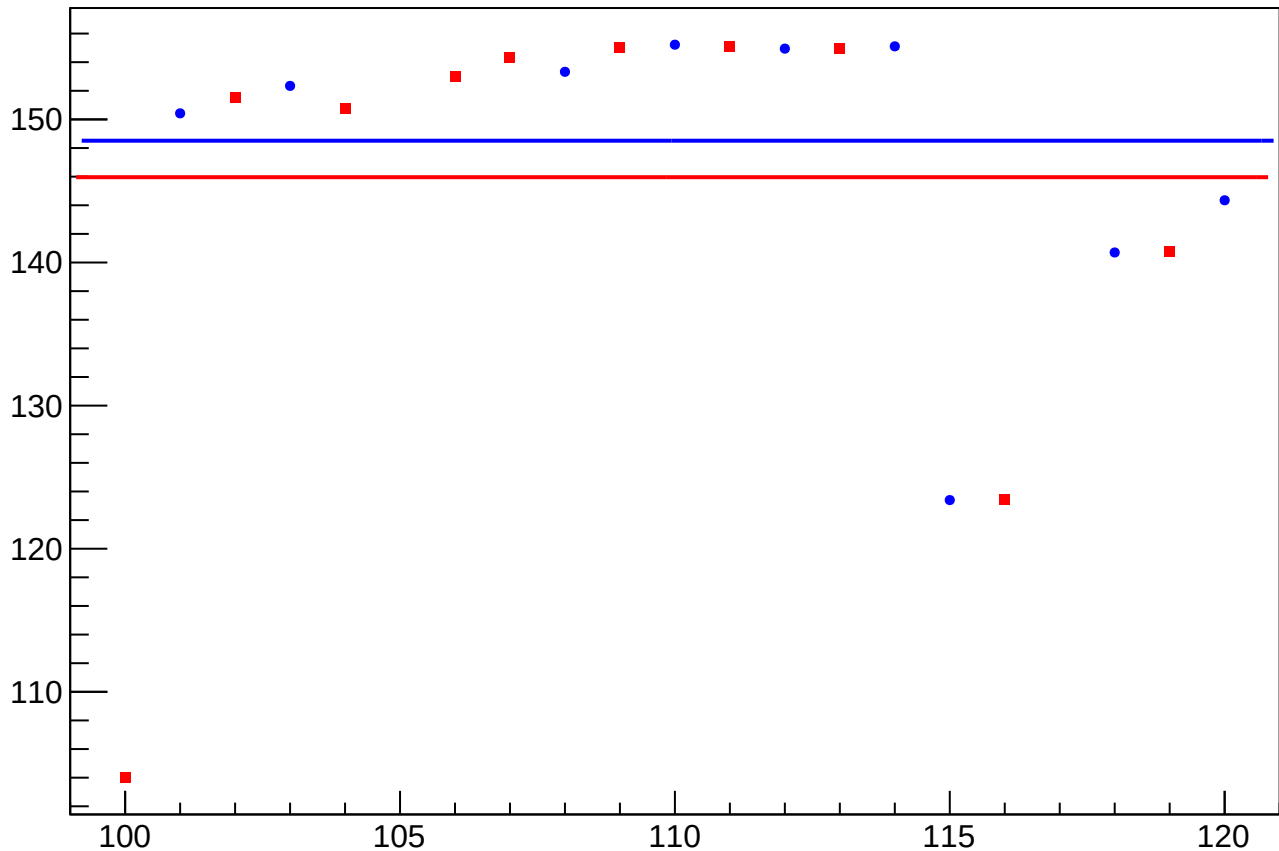
Right: 0.353+/-0.000 χ^2/NDF : 2354655.7/18

In: 0.360+/-0.000 χ^2/NDF : 1184816.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

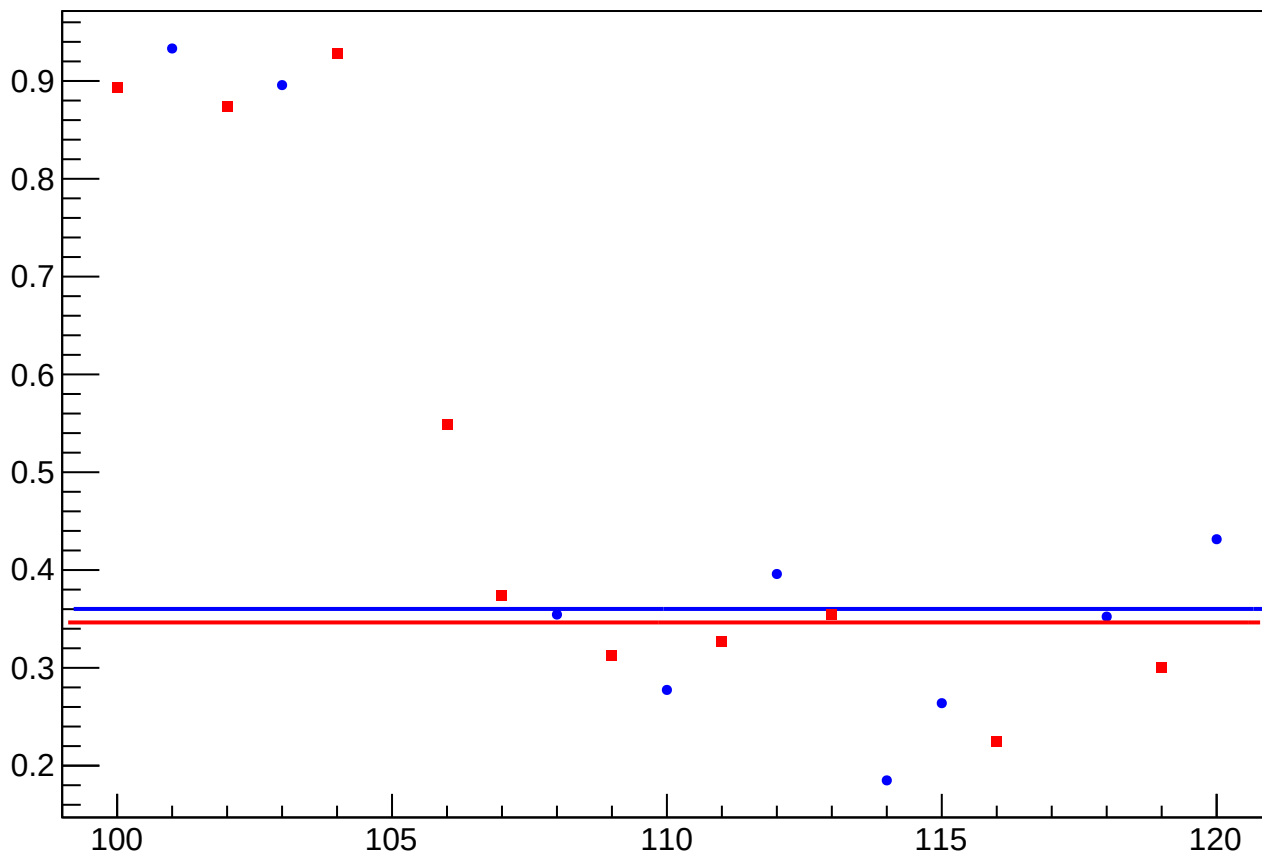
All: 0.353+/-0.000 χ^2/NDF : 2354655.7/18

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 148.513+/-0.000 χ^2/NDF : 1942618344.7/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 145.963+/-0.000 χ^2/NDF : 3899681892.2/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 147.089+/-0.000 χ^2/NDF : 5919071440.2/18

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.360+/-0.000 χ^2/NDF : 1182690.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.346+/-0.000 χ^2/NDF : 1163617.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

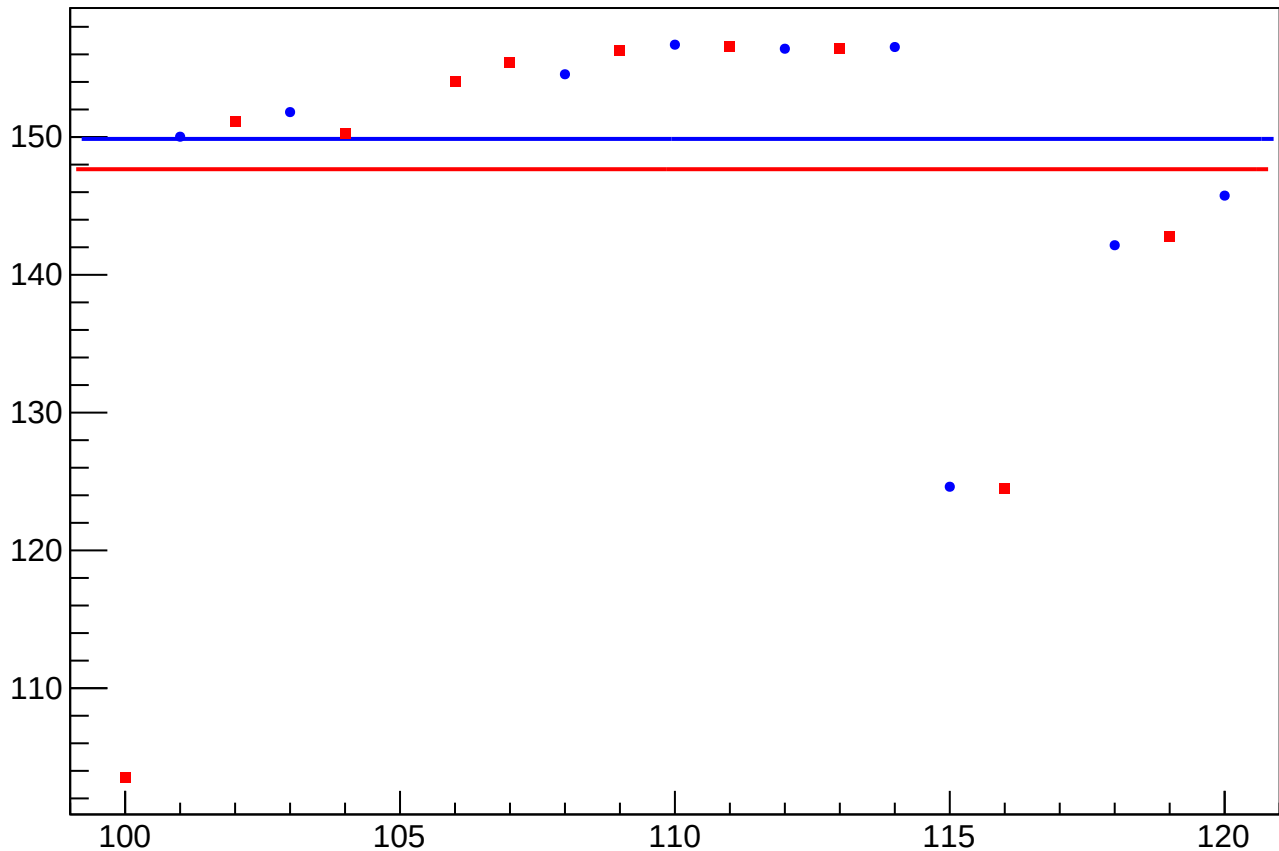
Right: 0.353+/-0.000 χ^2/NDF : 2350810.1/18

In: 0.360+/-0.000 χ^2/NDF : 1182690.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

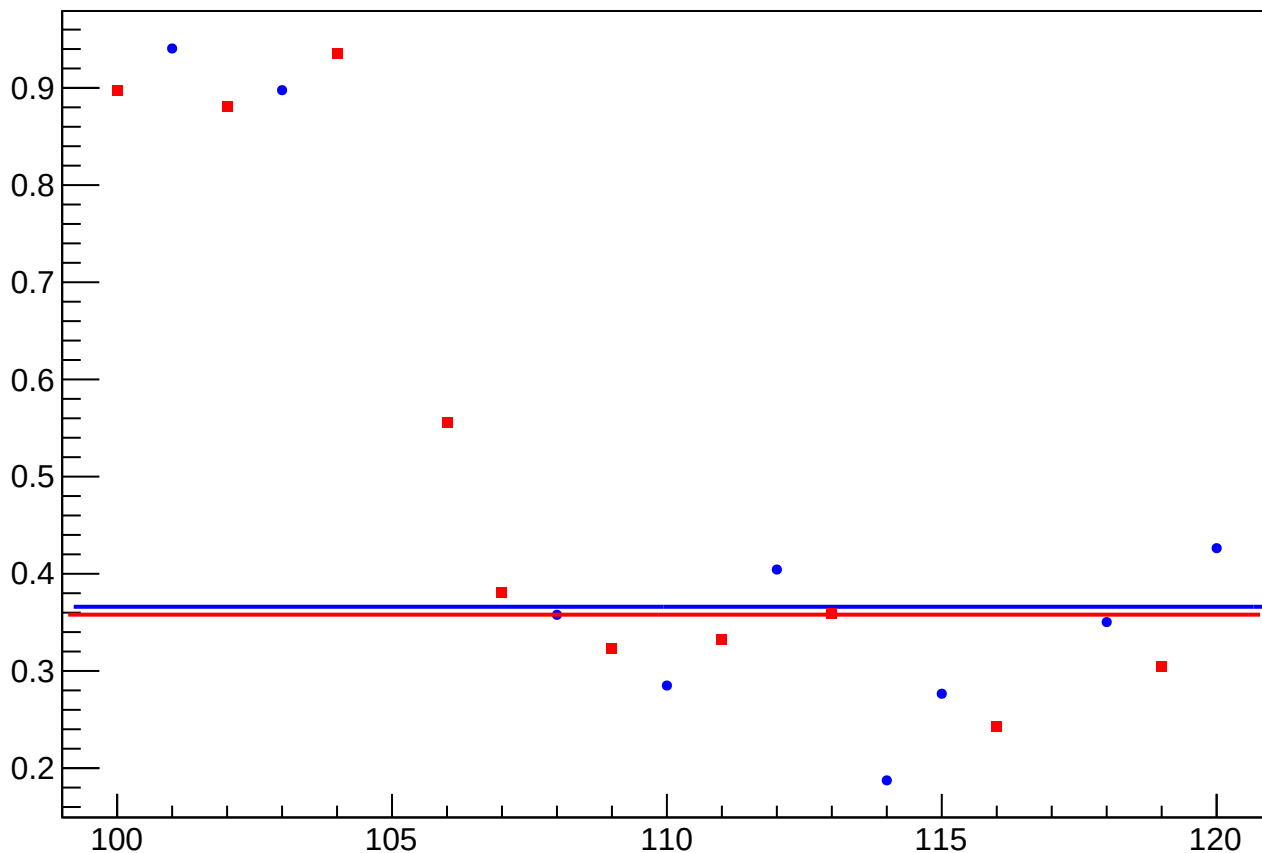
All: 0.353+/-0.000 χ^2/NDF : 2350810.1/18

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 149.865+/-0.000 χ^2/NDF : 1810302627.6/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 147.666+/-0.000 χ^2/NDF : 3501454684.6/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 148.652+/-0.000 χ^2/NDF : 5366503963.2/18
 In: 149.865+/-0.000 χ^2/NDF : 1810302627.6/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 148.652+/-0.000 χ^2/NDF : 5366503963.2

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.366+/-0.000 χ^2/NDF : 1156464.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.358+/-0.000 χ^2/NDF : 1106215.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

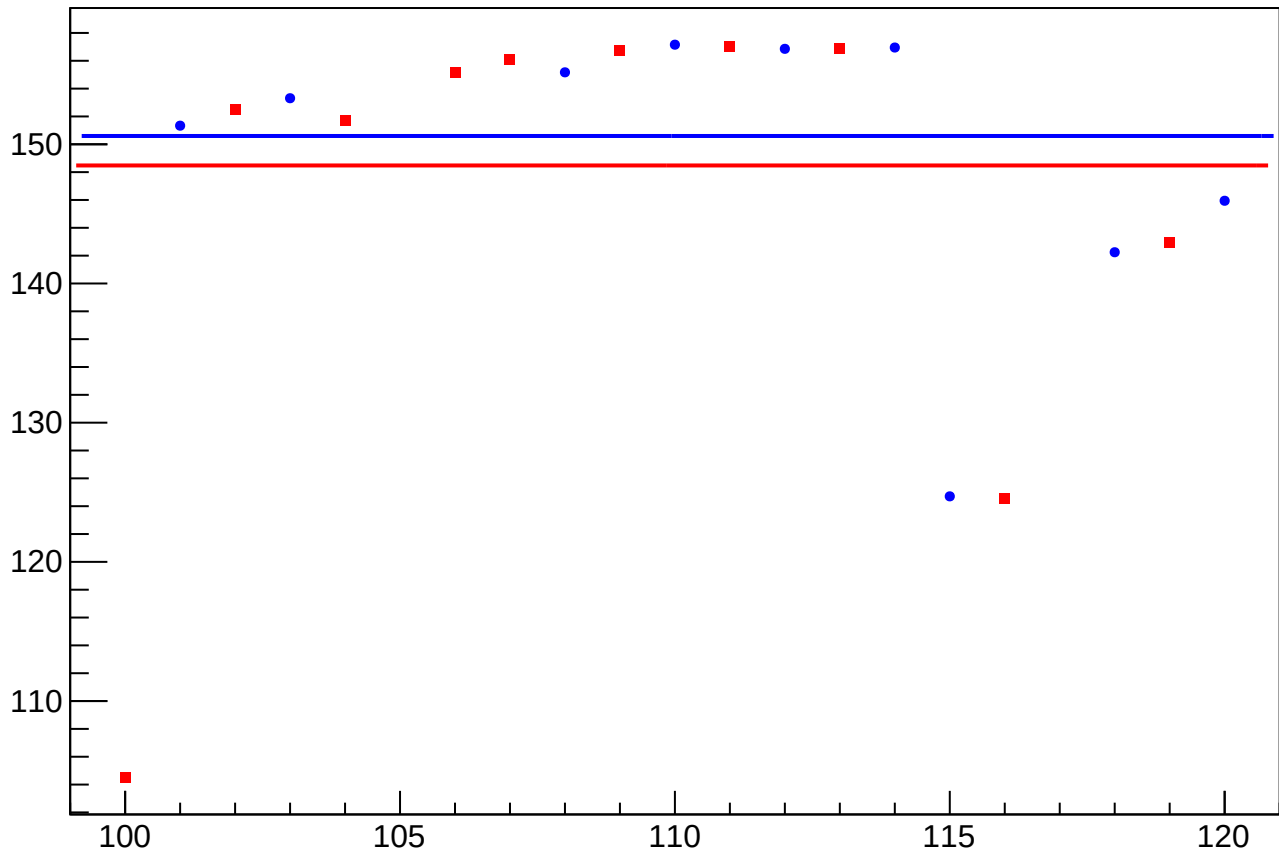
Right: 0.362+/-0.000 χ^2/NDF : 2264172.2/18

In: 0.366+/-0.000 χ^2/NDF : 1156464.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

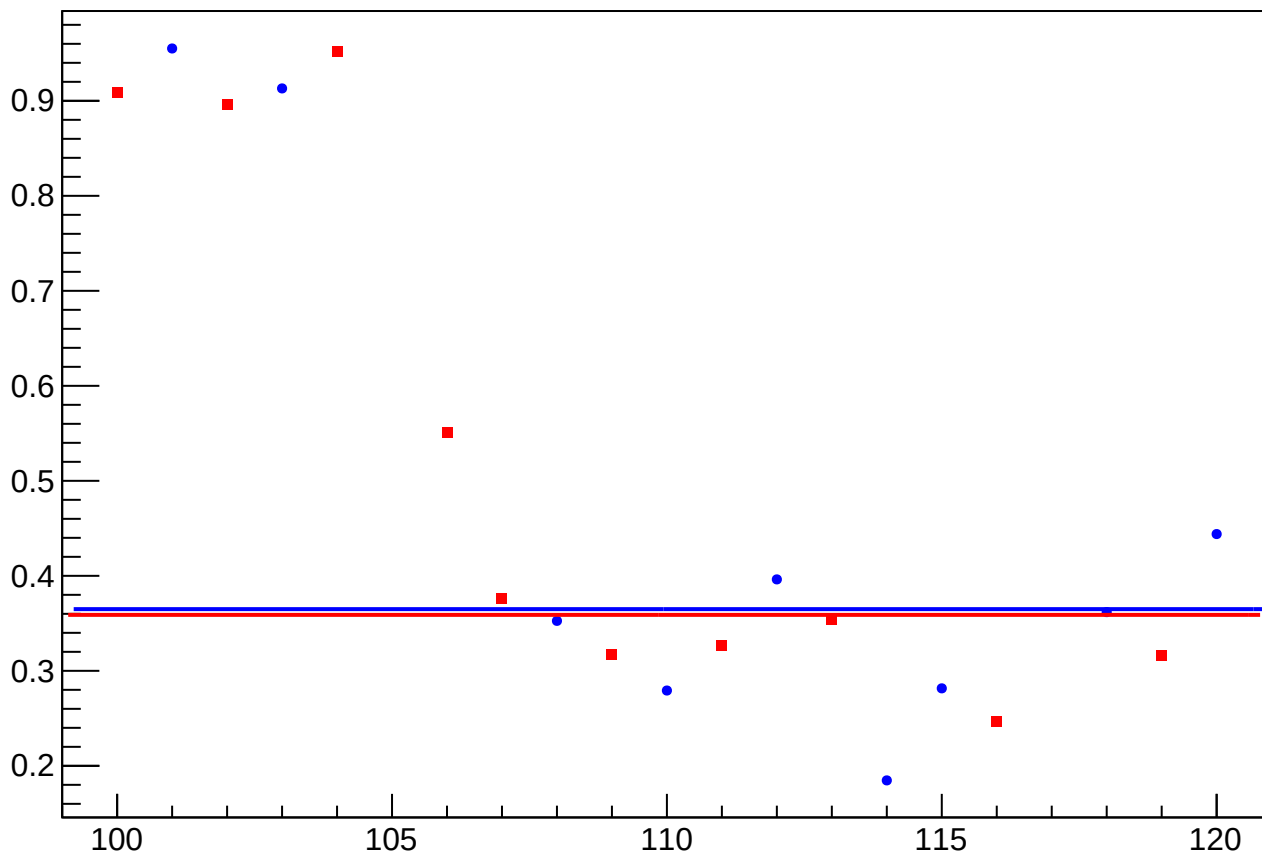
All: 0.362+/-0.000 χ^2/NDF : 2264172.2/18

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 150.597 $\pm$ 0.000 χ^2 /NDF: 1835111521.1/8
 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: 149.433 $\pm$ 0.000 χ^2 /NDF: 5424635089.7/18
 Right Out: 148.479 $\pm$ 0.000 χ^2 /NDF: 3538856164.5/9
 In: 150.597 $\pm$ 0.000 χ^2 /NDF: 1835111521.1/8
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 149.433 $\pm$ 0.000 χ^2 /NDF: 5424635089.7

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.365+/-0.000 χ^2/NDF : 1194562.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.359+/-0.000 χ^2/NDF : 1104875.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

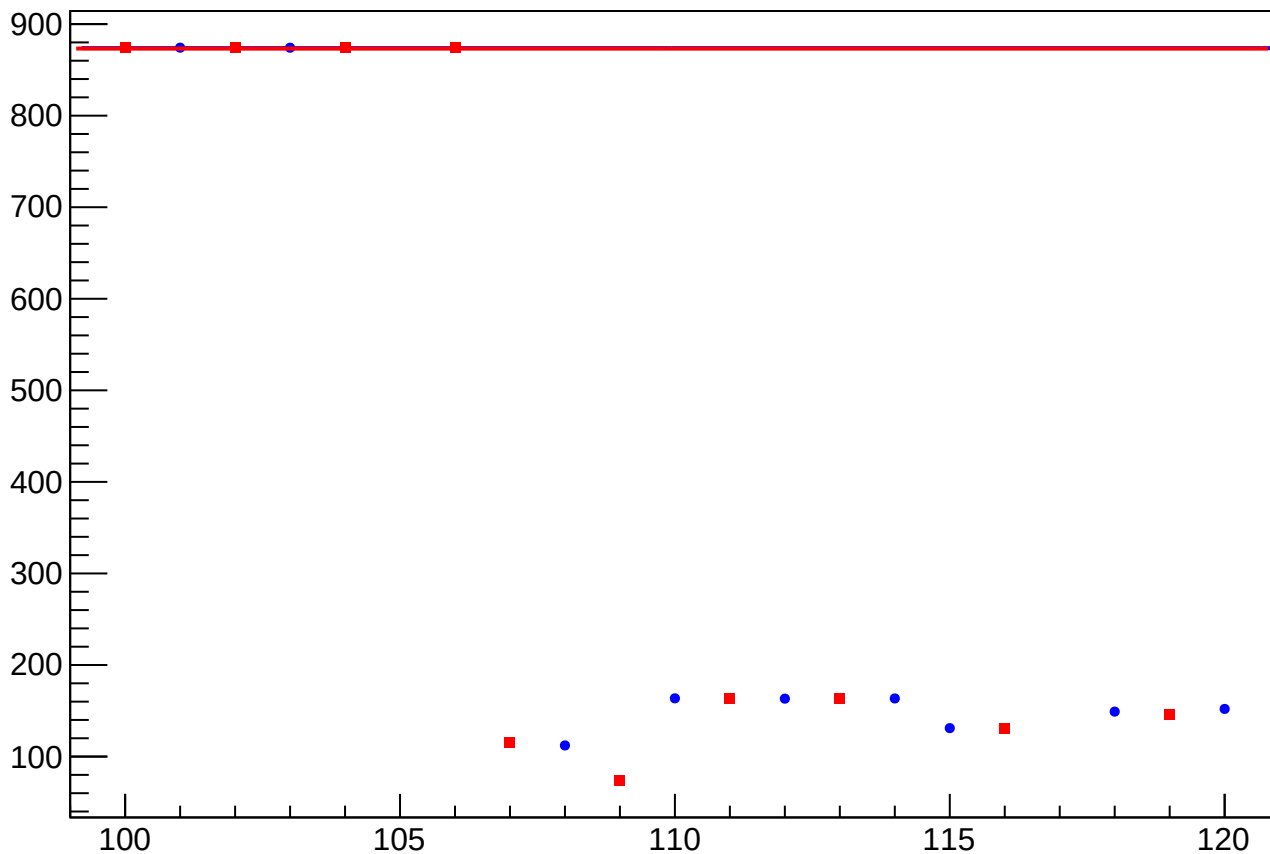
Right: 0.362+/-0.000 χ^2/NDF : 2300262.1/18

In: 0.365+/-0.000 χ^2/NDF :1194562.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.362+/-0.000 χ^2/NDF : 2300262.1/18

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 873.724+/-0.000 χ^2/NDF : 2584781231042.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 873.299+/-0.000 χ^2/NDF : 5493416078082.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

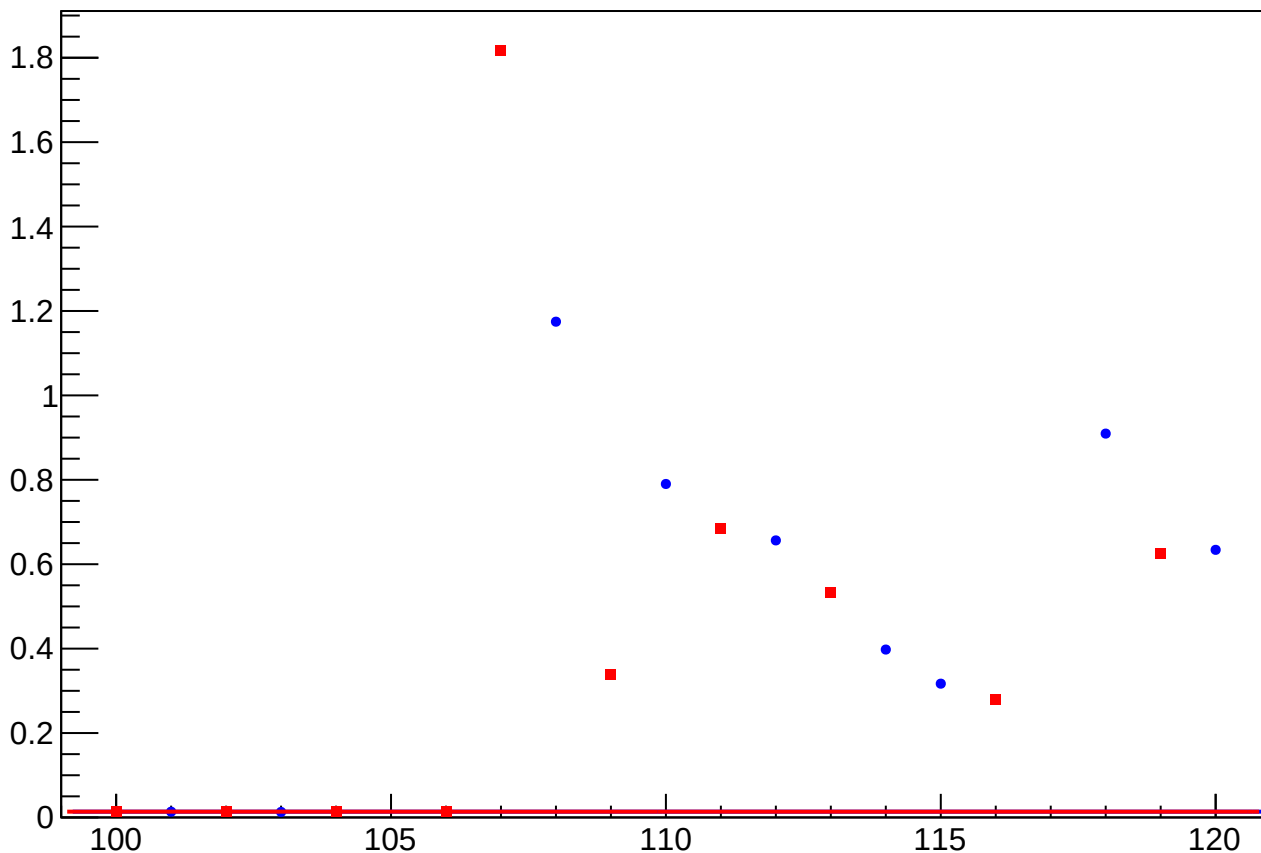
Right: 873.496+/-0.000 χ^2/NDF : 8078886662278.9/8

In: 873.724+/-0.000 χ^2/NDF : 2584781231042.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 873.496+/-0.000 χ^2/NDF : 8078886662278.9/8

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 3845830.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 3808467.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

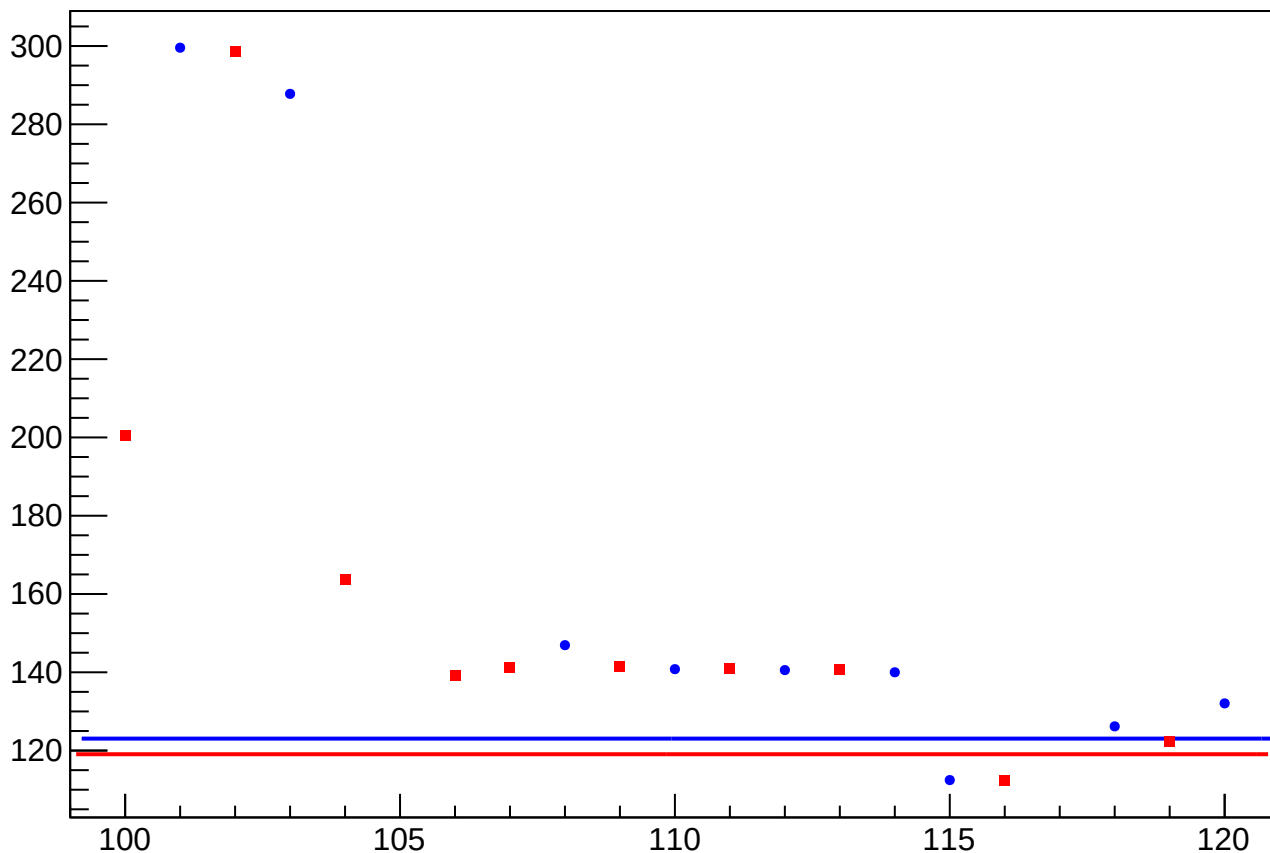
Right: 0.014+/-0.000 χ^2/NDF : 7654311.3/18

In: 0.014+/-0.000 χ^2/NDF :3845830.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.000 χ^2/NDF : 7654311.3/18

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 123.062+/-0.001 χ^2/NDF : 1203663478.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.071+/-0.000 χ^2/NDF : 976435452.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

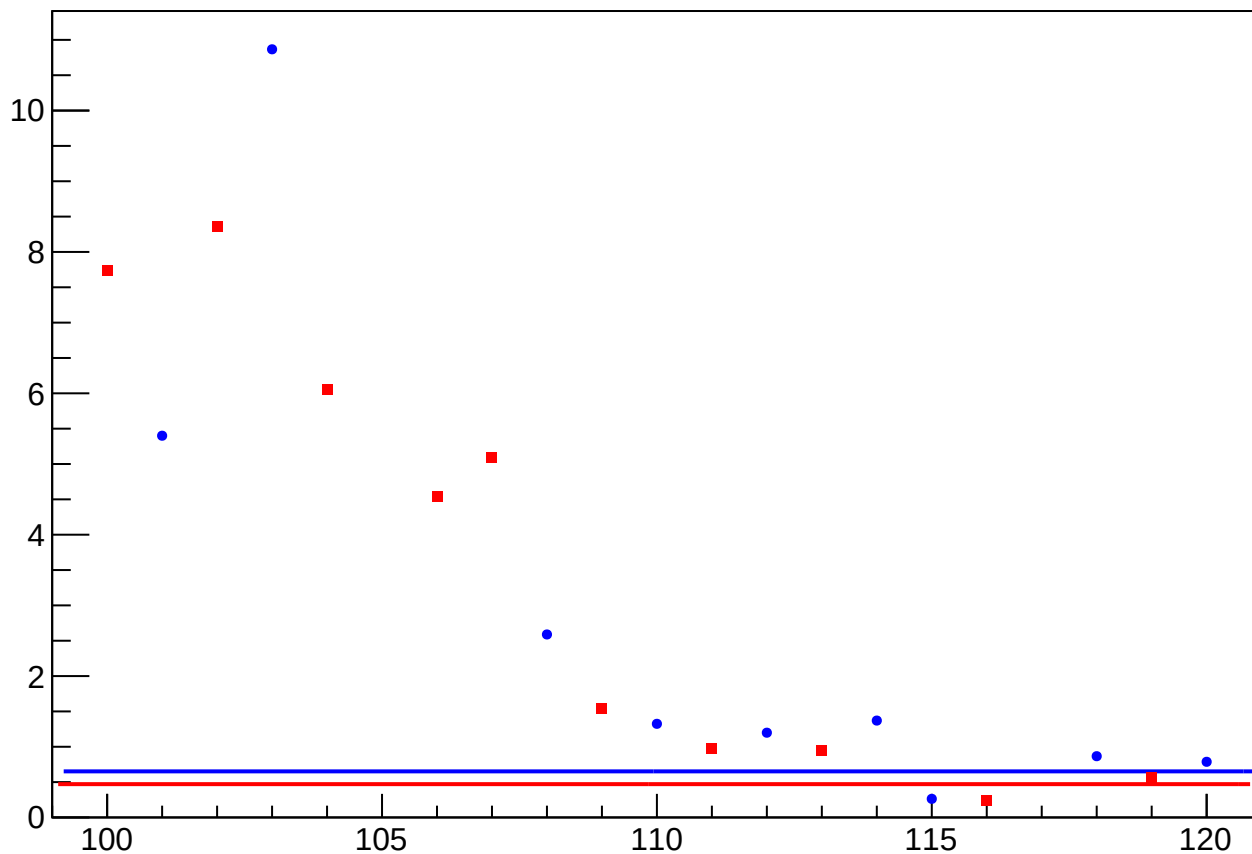
Right: 120.505+/-0.000 χ^2/NDF : 2215504164.9/18

In: 123.062+/-0.001 χ^2/NDF : 1203663478.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.505+/-0.000 χ^2/NDF : 2215504164.9

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.652+/-0.000 χ^2/NDF : 3366890.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.471+/-0.000 χ^2/NDF : 3963520.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

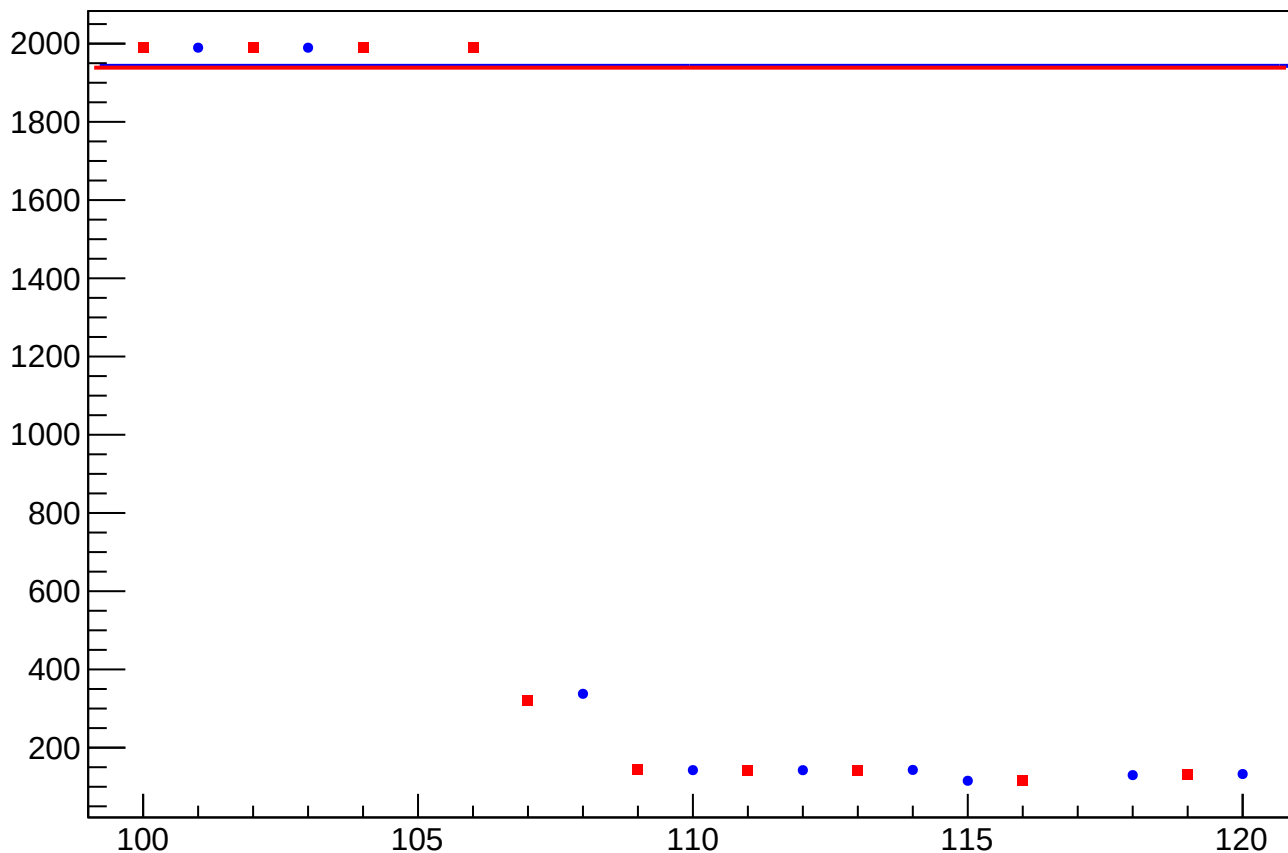
Right: 0.536+/-0.000 χ^2/NDF : 7475580.9/18

In: 0.652+/-0.000 χ^2/NDF : 3366890.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

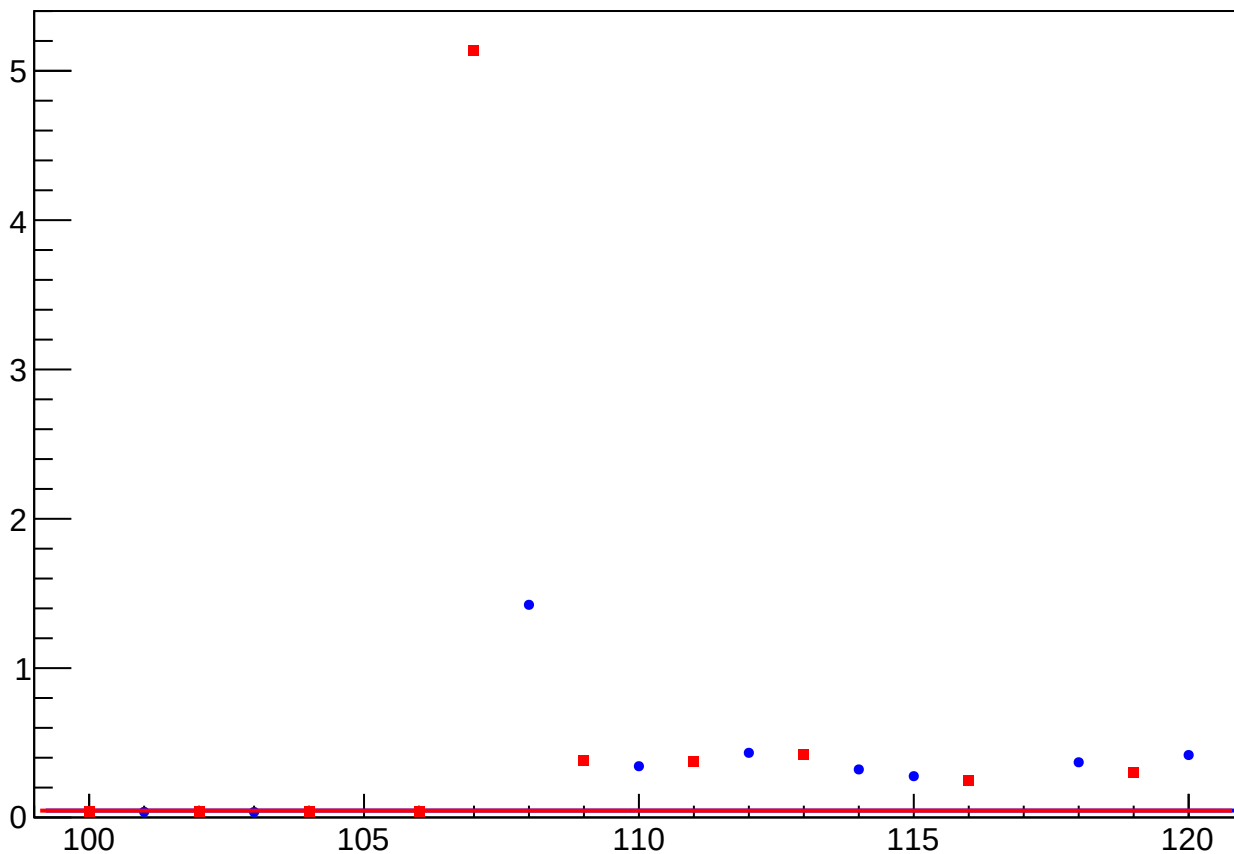
All: 0.536+/-0.000 χ^2/NDF : 7475580.9/18

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 1943.197+/-0.000 χ^2/NDF : 45144151957959.6/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 1938.600+/-0.000 χ^2/NDF : 58900144202098.4/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1940.701+/-0.000 χ^2/NDF : 10405046850005

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.046+/-0.000 χ^2/NDF : 3482560.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.046+/-0.000 χ^2/NDF : 3367606.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

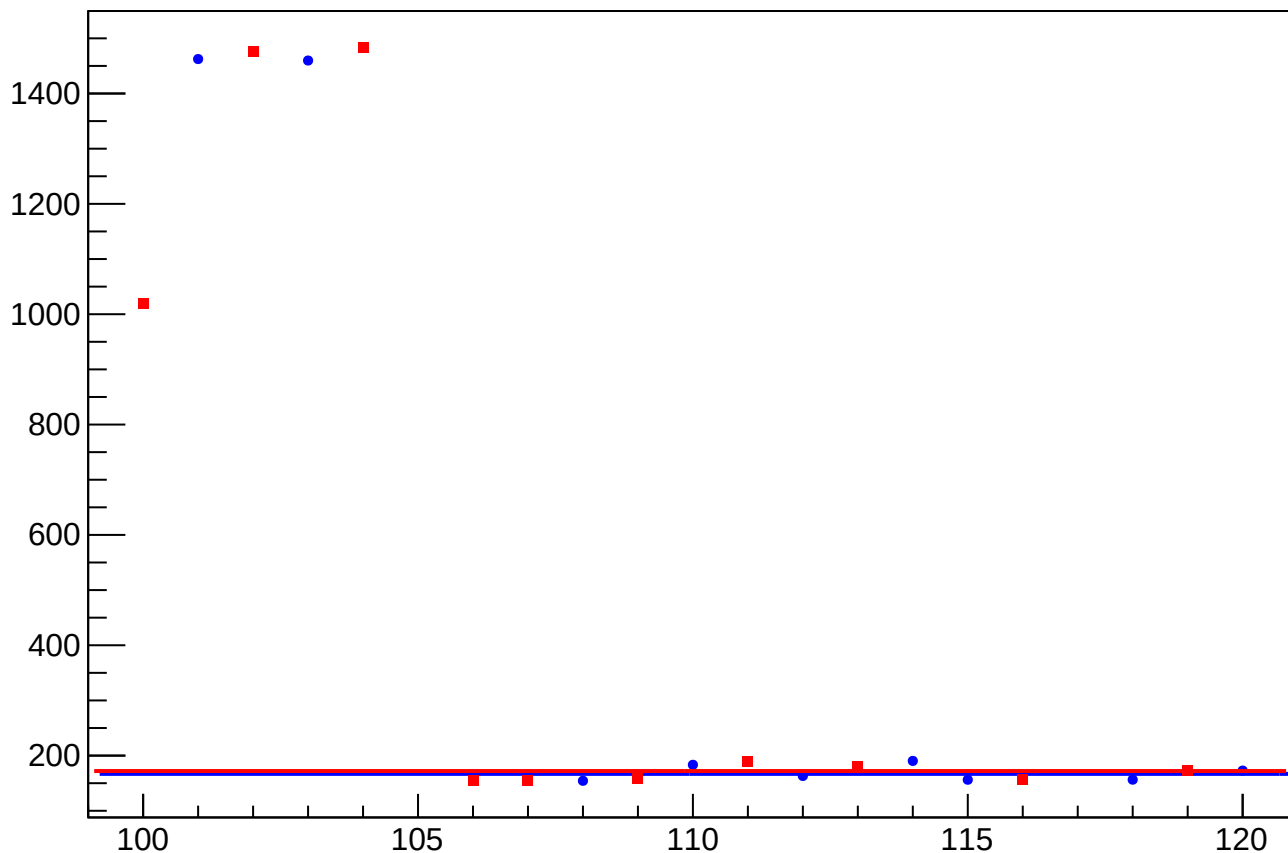
Right: 0.046+/-0.000 χ^2/NDF : 6850293.9/18

In: 0.046+/-0.000 χ^2/NDF : 3482560.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.046+/-0.000 χ^2/NDF : 6850293.9/18

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 166.914+/-0.001 χ^2/NDF : 14332261877.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 172.022+/-0.001 χ^2/NDF : 16035896757.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

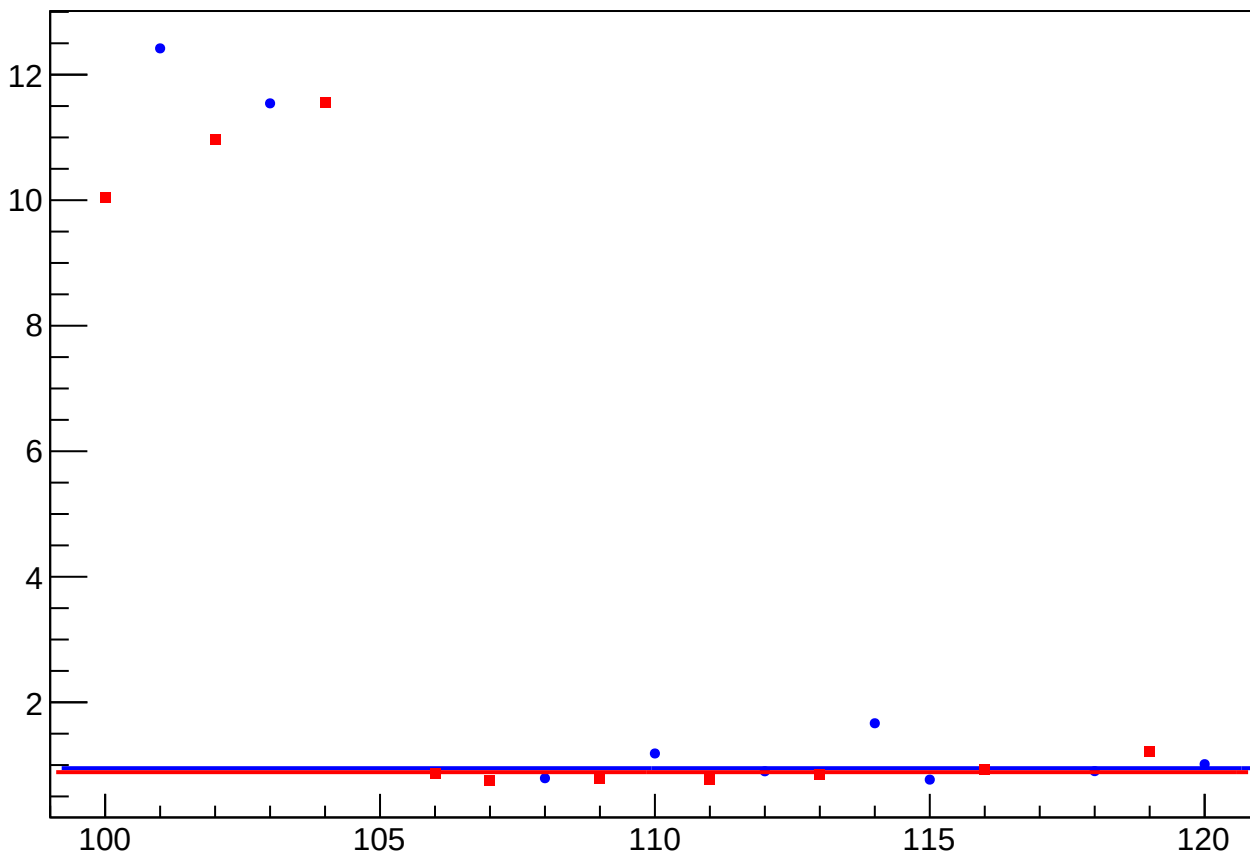
Right: 169.797+/-0.000 χ^2/NDF : 30399125239.0/18

In: 166.914+/-0.001 χ^2/NDF : 14332261877.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.797+/-0.000 χ^2/NDF : 30399125239.0/18

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.950+/-0.000 χ^2/NDF : 2141161.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.887+/-0.000 χ^2/NDF : 2090102.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

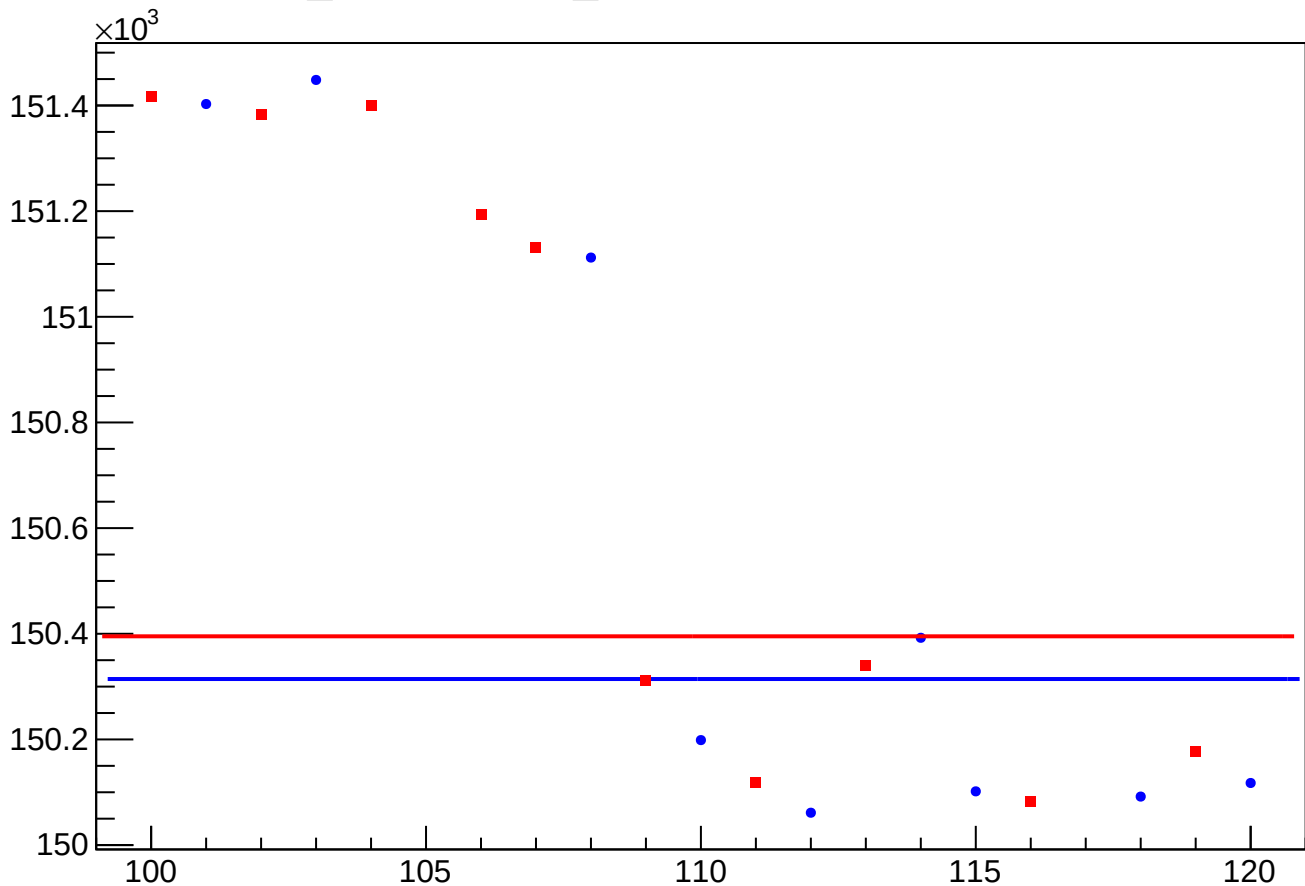
Right: 0.914+/-0.000 χ^2/NDF : 4240816.5/18

In: 0.950+/-0.000 χ^2/NDF : 2141161.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.914+/-0.000 χ^2/NDF : 4240816.5/18

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 150314.354 $\pm$ 0.072 χ^2 /NDF: 33115455.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 150395.191 $\pm$ 0.065 χ^2 /NDF: 34915326.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

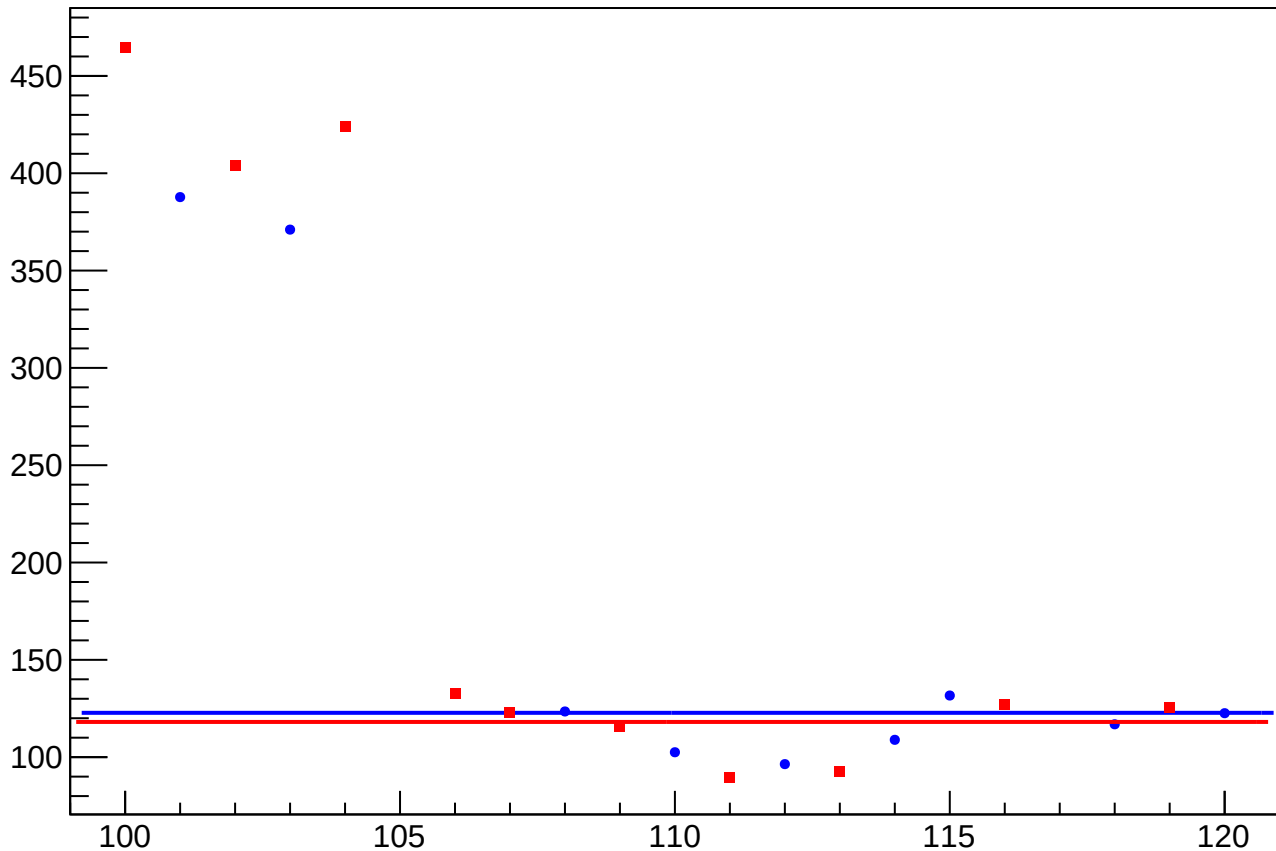
Right: 150358.734 $\pm$ 0.048 χ^2 /NDF: 68720522.9/18

In: 150314.354 $\pm$ 0.072 χ^2 /NDF:33115455.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 150358.734 $\pm$ 0.048 χ^2 /NDF: 68720522.9/18

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 122.779+/-0.051 χ^2/NDF : 1221503.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.093+/-0.046 χ^2/NDF : 1435052.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

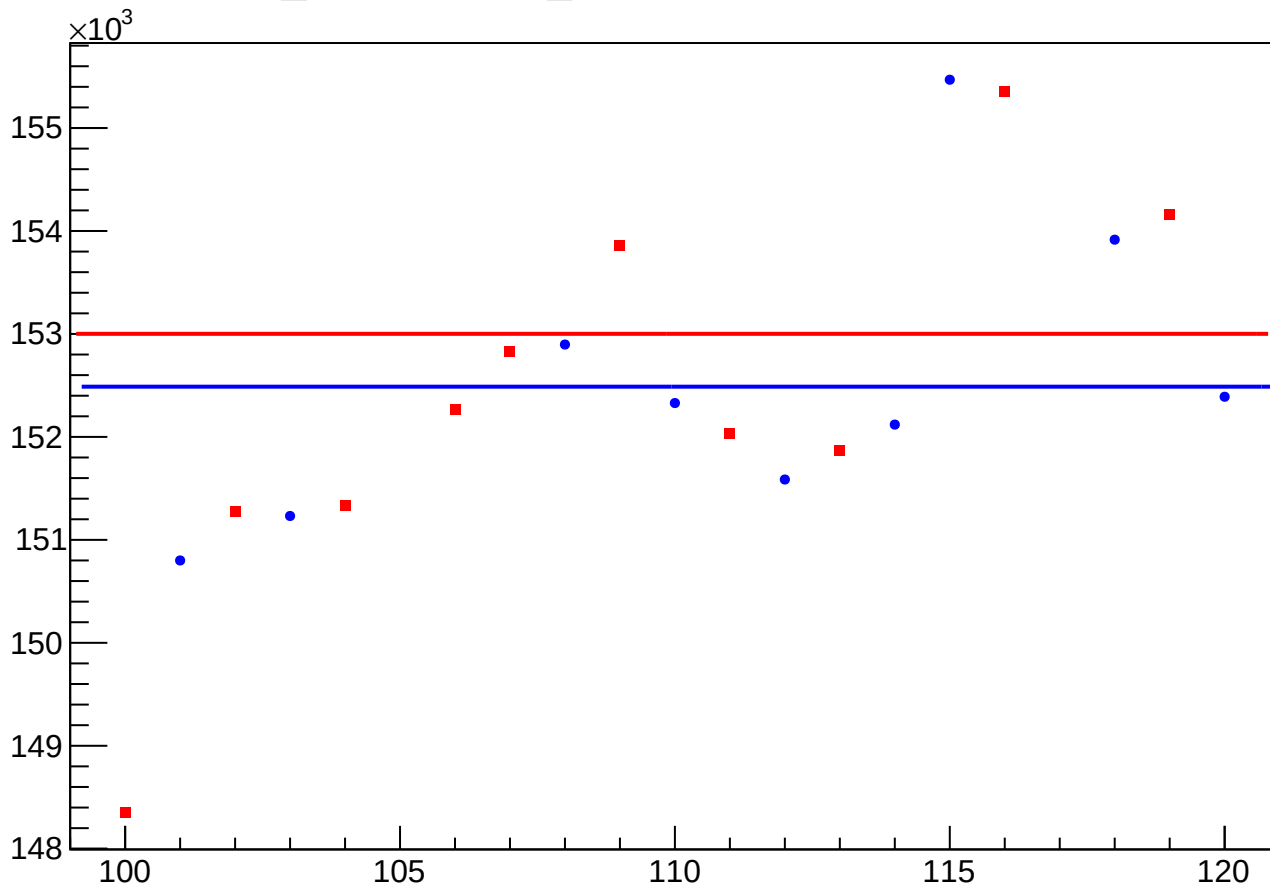
Right: 120.206+/-0.034 χ^2/NDF : 2661193.0/18

In: 122.779+/-0.051 χ^2/NDF : 1221503.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.206+/-0.034 χ^2/NDF : 2661193.0/18

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 152487.851+/-0.114 χ^2 /NDF: 84505852.8/8

Right: 152794.681+/-0.072 χ^2 /NDF: 265270226.4/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 153001.190+/-0.094 χ^2 /NDF: 168651054.5/9

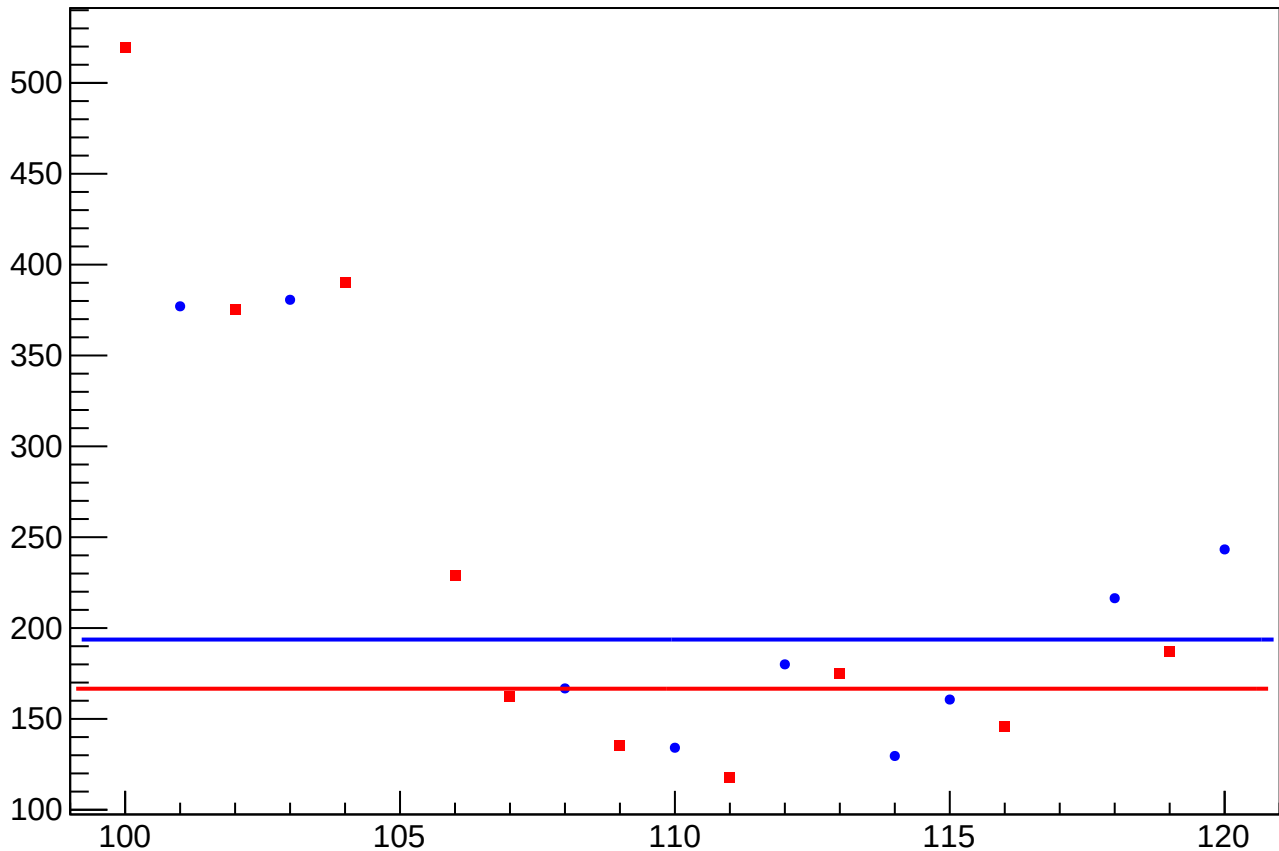
In: 152487.851+/-0.114 χ^2 /NDF: 84505852.8/8

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 152794.681+/-0.072 χ^2 /NDF: 265270226.4/1

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 193.674+/-0.081 χ^2/NDF : 847904.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 166.621+/-0.066 χ^2/NDF : 1062022.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

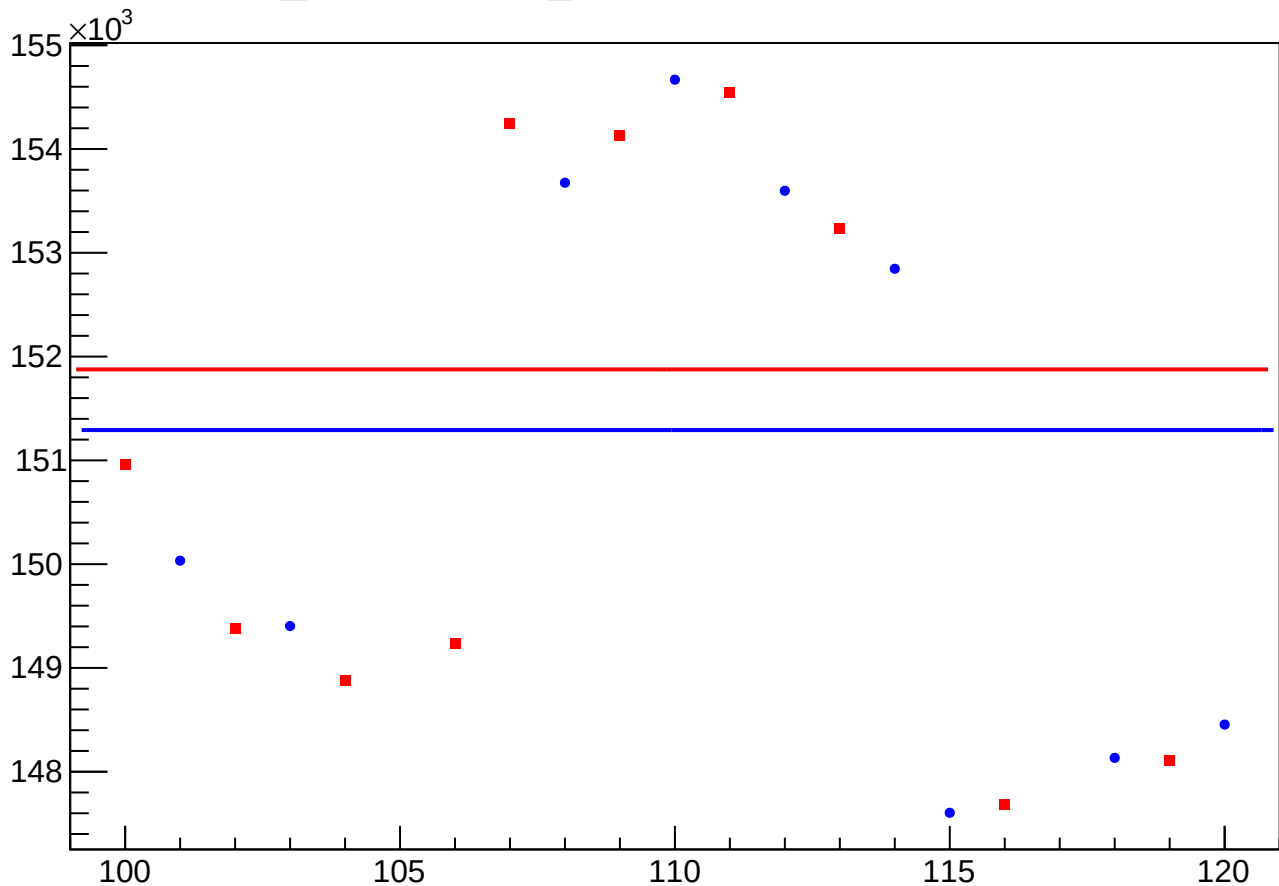
Right: 177.504+/-0.051 χ^2/NDF : 1977212.0/18

In: 193.674+/-0.081 χ^2/NDF :847904.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 177.504+/-0.051 χ^2/NDF : 1977212.0/18

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 151291.839+/-0.085 χ^2 /NDF: 1083029124.3/8

Right: 151604.555+/-0.058 χ^2 /NDF: 2358737652.5/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

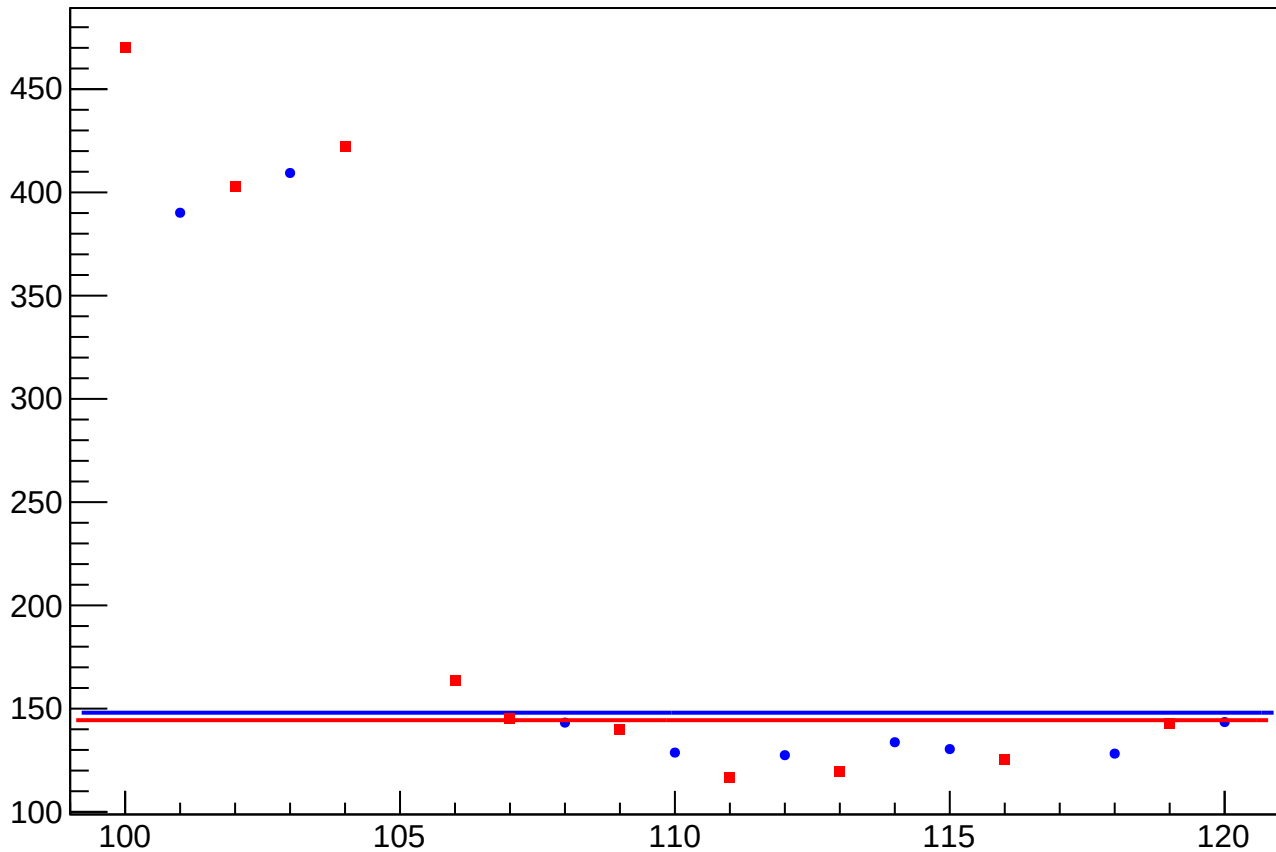
Right Out: 151876.262+/-0.080 χ^2 /NDF: 1250657183.8/9

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 151604.555+/-0.058 χ^2 /NDF: 2358737652.5/9

yield_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 148.032+/-0.060 χ^2/NDF : 1068782.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.408+/-0.056 χ^2/NDF : 1155374.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

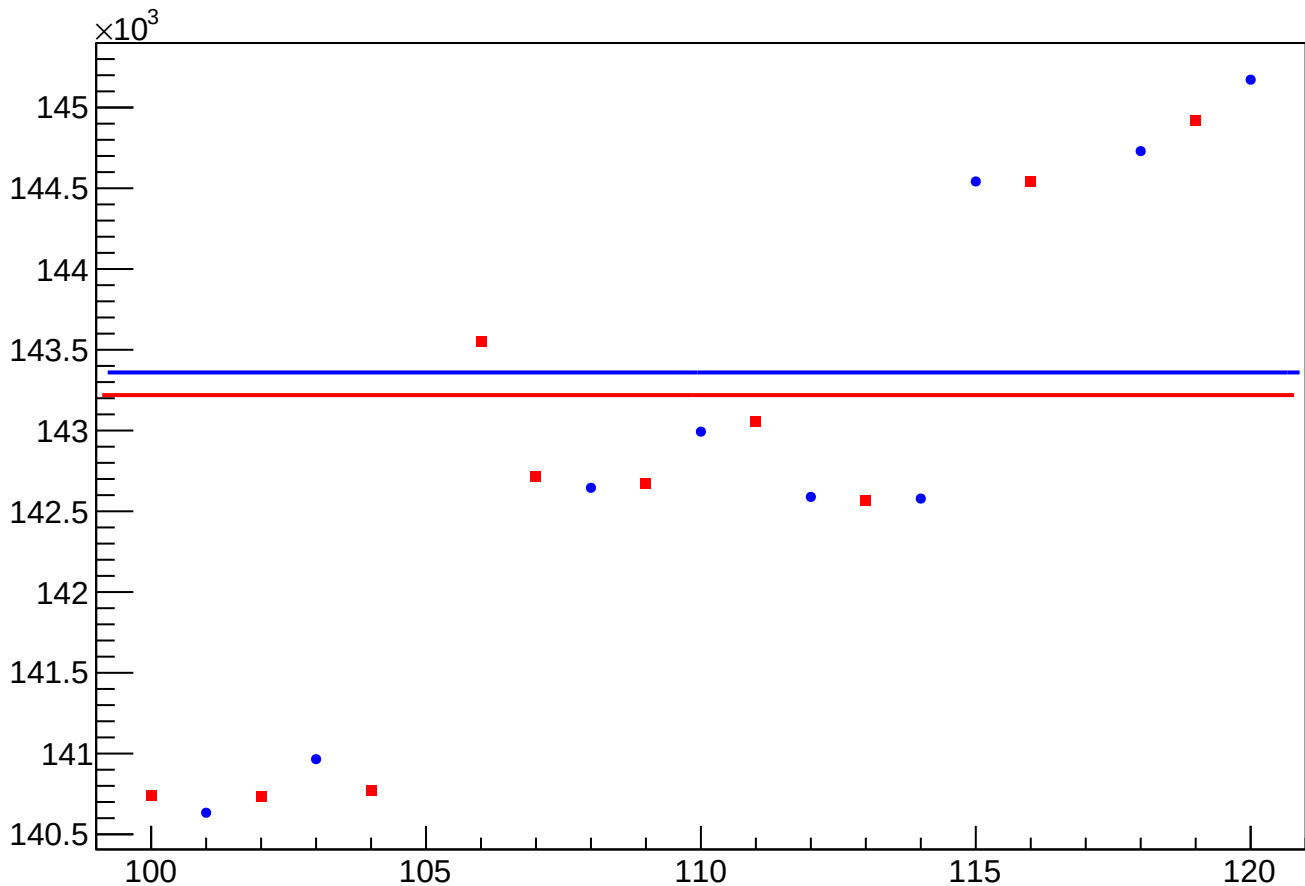
Right: 146.093+/-0.041 χ^2/NDF : 2226083.0/18

In: 148.032+/-0.060 χ^2/NDF : 1068782.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

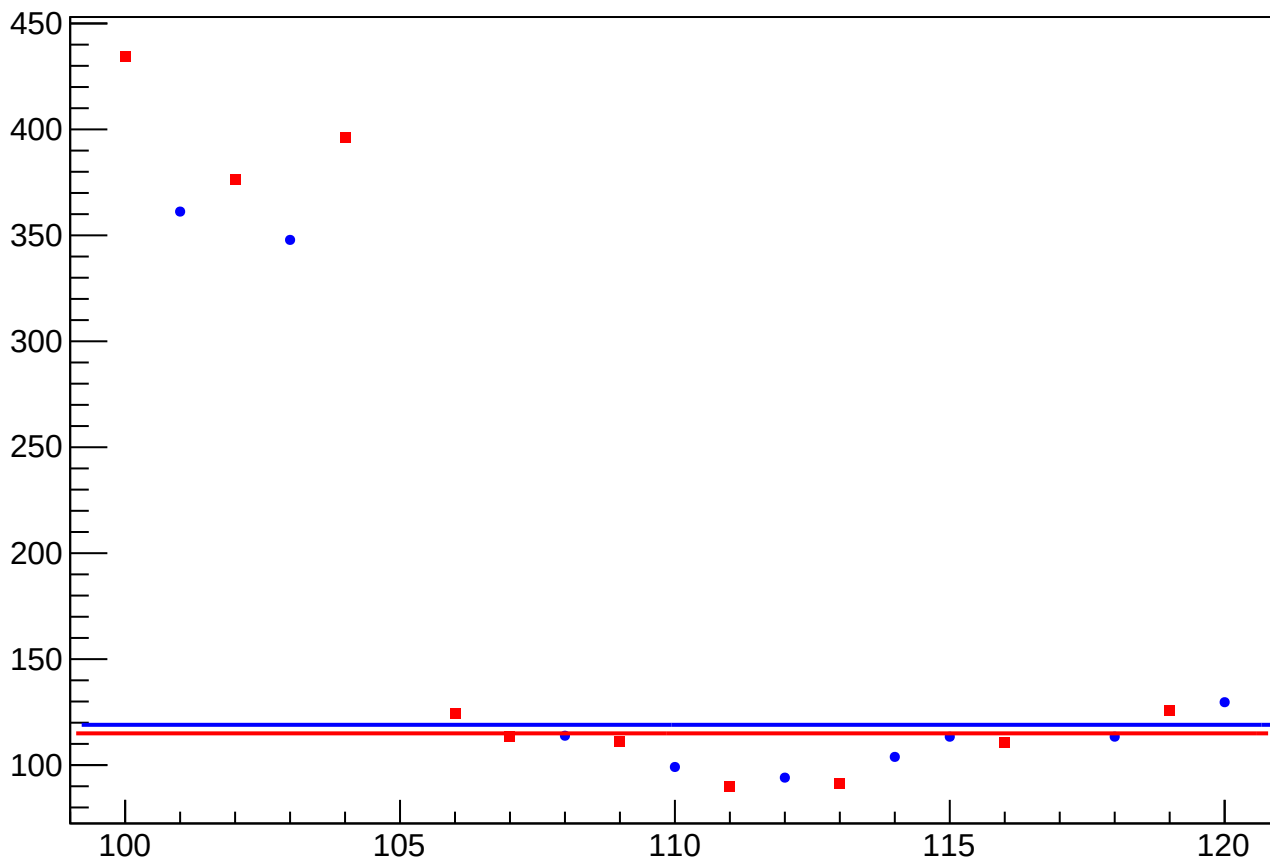
All: 146.093+/-0.041 χ^2/NDF : 2226083.0/18

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 143282.727+/-0.047 χ^2 /NDF: 512386002.2/1
 Right In: 143359.585+/-0.070 χ^2 /NDF: 277007799.9/8
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: 143359.585+/-0.070 χ^2 /NDF: 277007799.9/8
 Right Out: 143219.436+/-0.063 χ^2 /NDF: 233164258.6/9
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 143282.727+/-0.047 χ^2 /NDF: 512386002.2/1

yield_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 119.004+/-0.049 χ^2/NDF : 1188262.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.971+/-0.045 χ^2/NDF : 1363923.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

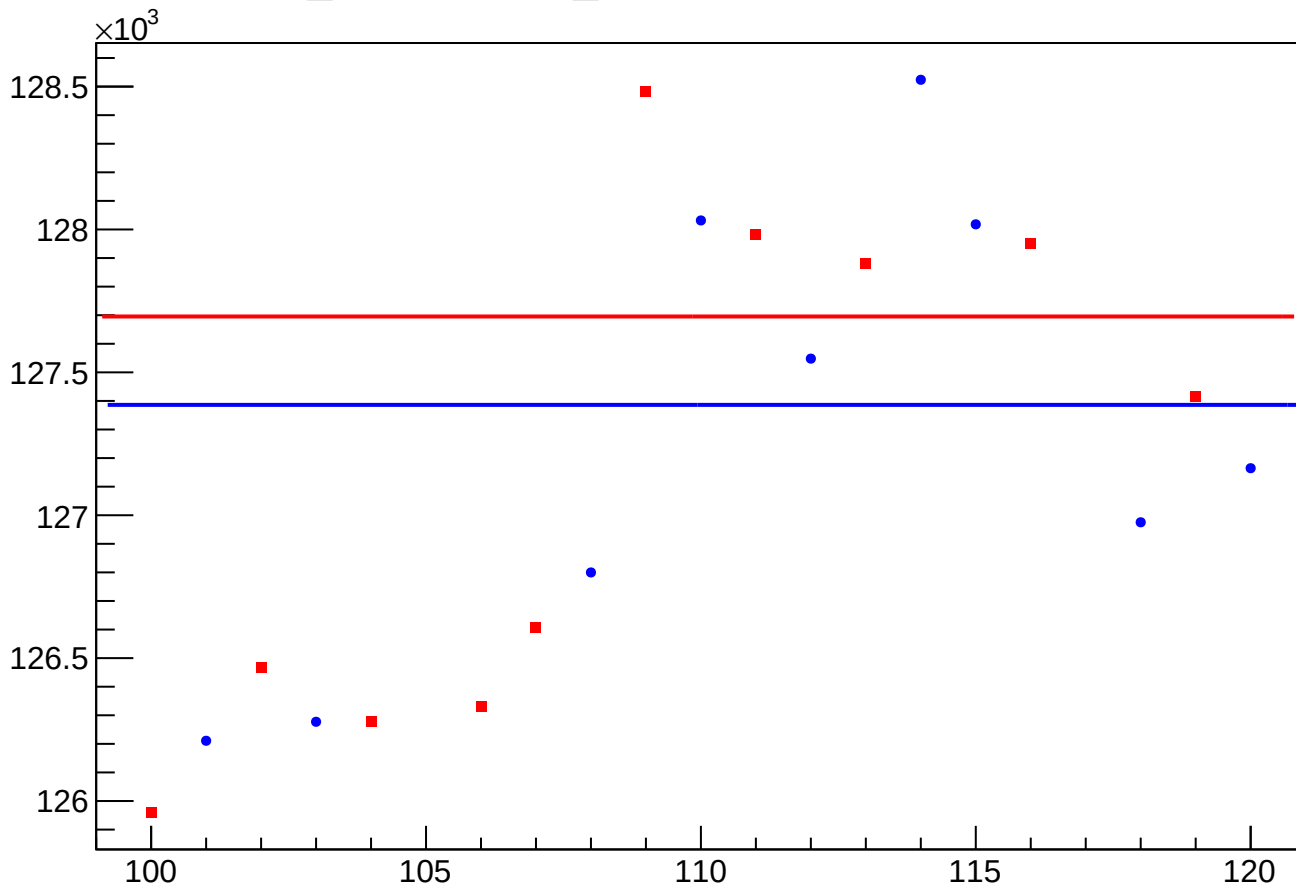
Right: 116.792+/-0.033 χ^2/NDF : 2555852.9/18

In: 119.004+/-0.049 χ^2/NDF : 1188262.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.792+/-0.033 χ^2/NDF : 2555852.9/18

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127386.213 $\pm$ 0.086 χ^2 /NDF: 55413282.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 127695.516 $\pm$ 0.075 χ^2 /NDF: 73973510.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

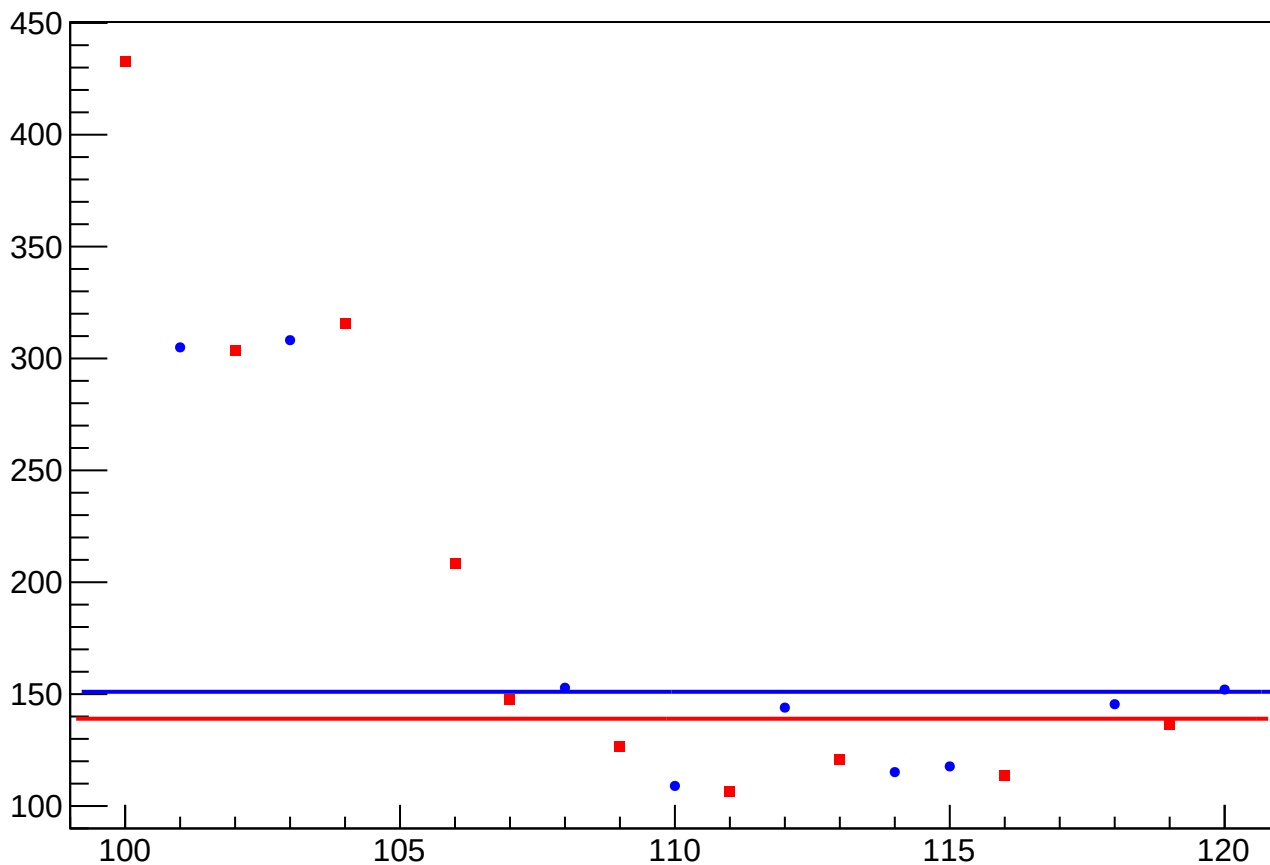
Right: 127561.279 $\pm$ 0.056 χ^2 /NDF: 136774242.2/1

In: 127386.213 $\pm$ 0.086 χ^2 /NDF:55413282.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 127561.279 $\pm$ 0.056 χ^2 /NDF: 136774242.2/1

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 151.044+/-0.061 χ^2/NDF : 798479.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.005+/-0.053 χ^2/NDF : 968839.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

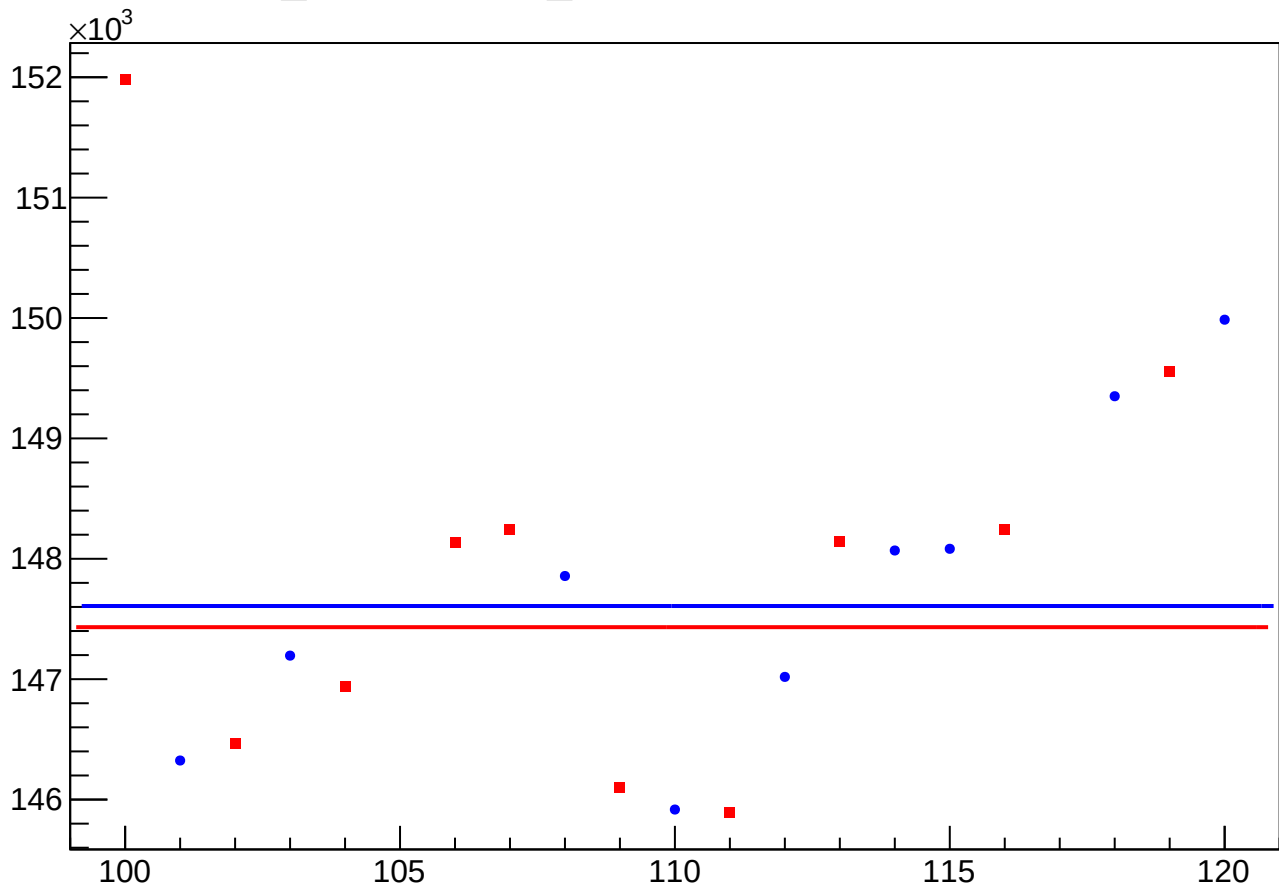
Right: 144.230+/-0.040 χ^2/NDF : 1789703.7/18

In: 151.044+/-0.061 χ^2/NDF : 798479.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

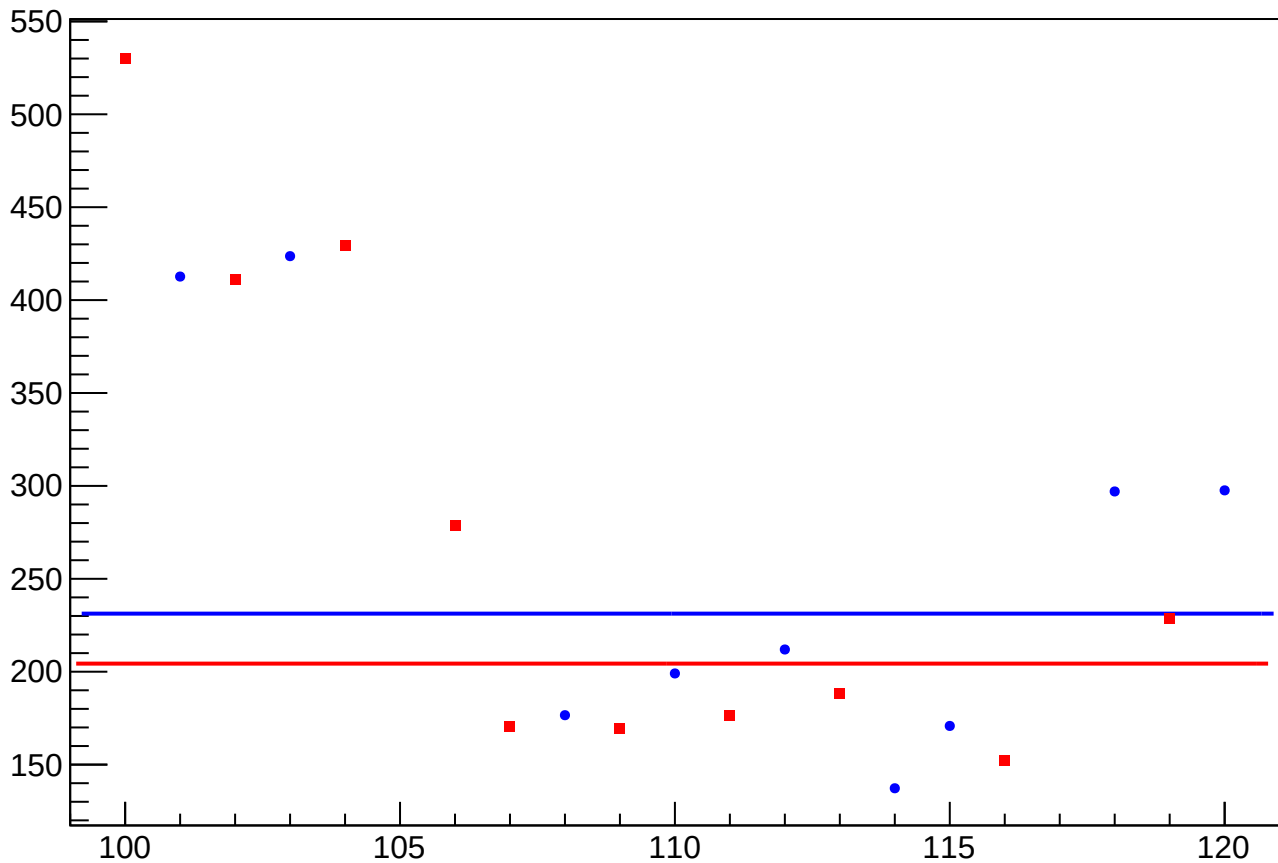
All: 144.230+/-0.040 χ^2/NDF : 1789703.7/18

yield_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: 147607.776 $\pm$ 0.132 χ^2 /NDF: 76900630.2/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 147432.007 $\pm$ 0.110 χ^2 /NDF: 141949545.6/9
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 147504.196 $\pm$ 0.085 χ^2 /NDF: 219895829.4/1
 In: 147607.776 $\pm$ 0.132 χ^2 /NDF: 76900630.2/8
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 147504.196 $\pm$ 0.085 χ^2 /NDF: 219895829.4/1

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 231.258+/-0.093 χ^2/NDF : 821026.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 204.358+/-0.078 χ^2/NDF : 861400.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

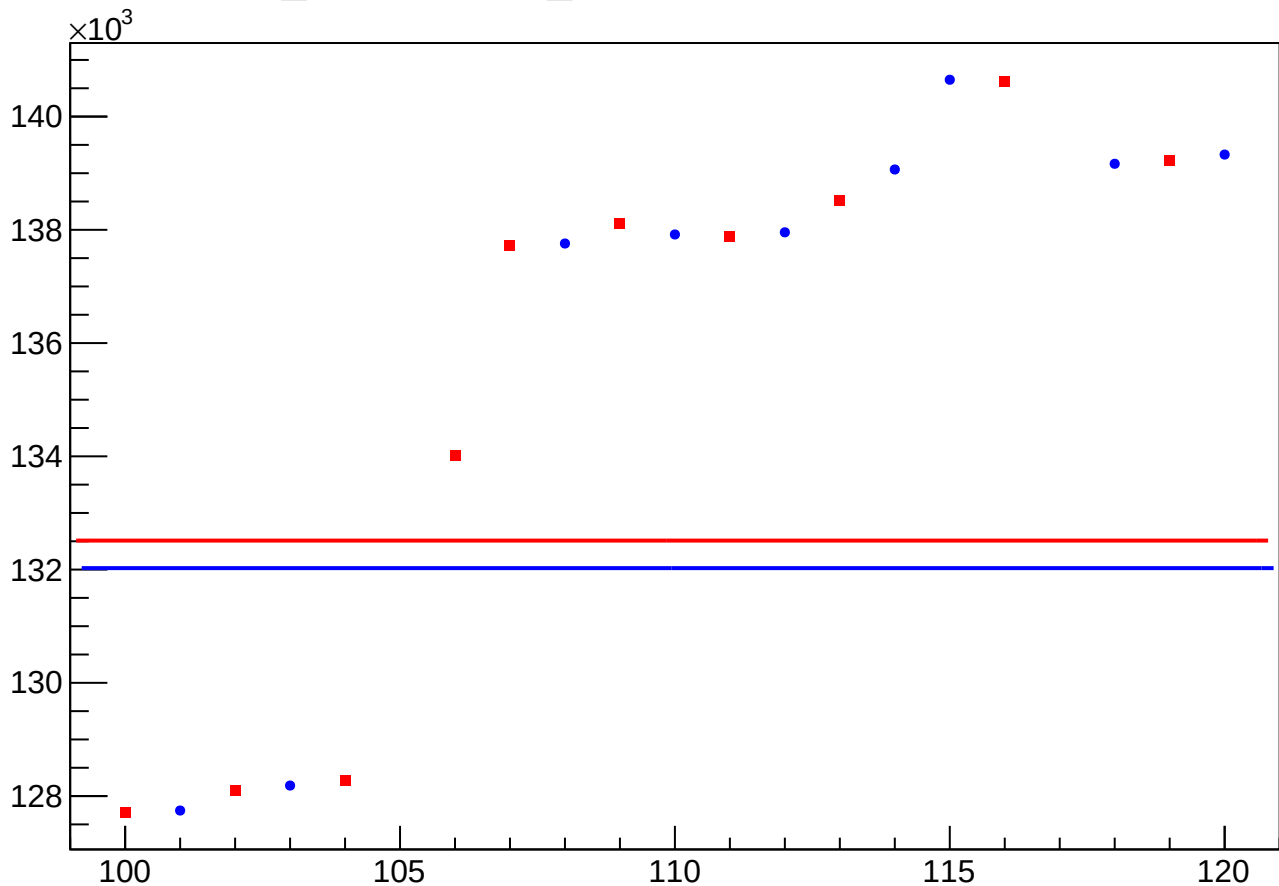
Right: 215.406+/-0.060 χ^2/NDF : 1731407.8/18

In: 231.258+/-0.093 χ^2/NDF : 821026.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

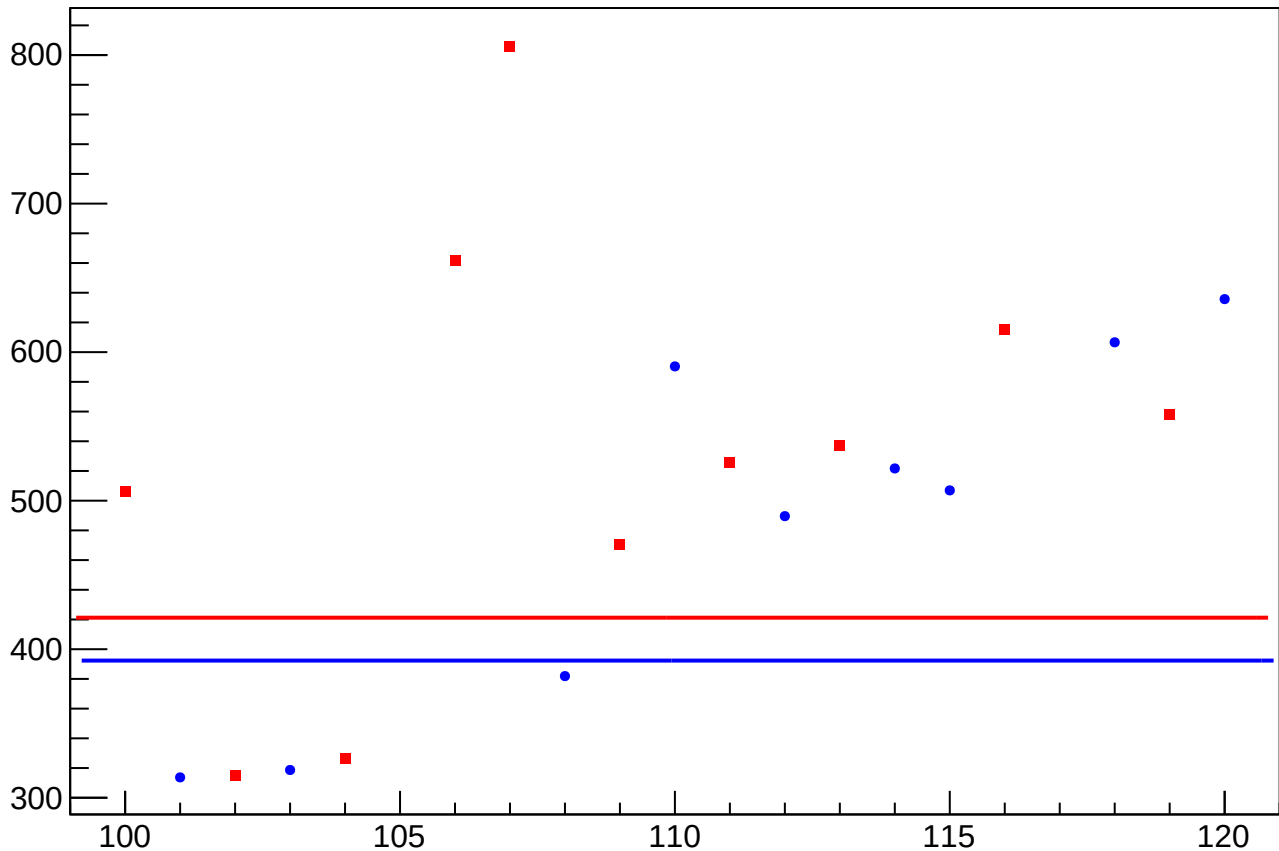
All: 215.406+/-0.060 χ^2/NDF : 1731407.8/18

yield_bpm0l03WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 132025.698+/-0.221 χ^2 /NDF: 544616601.0/8
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 132269.121+/-0.156 χ^2 /NDF: 1073394036.0/8
 In: 132025.698+/-0.221 χ^2 /NDF: 544616601.0/8
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 132269.121+/-0.156 χ^2 /NDF: 1073394036.0/8

yield_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 392.343+/-0.156 χ^2/NDF : 504875.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 421.231+/-0.156 χ^2/NDF : 620503.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

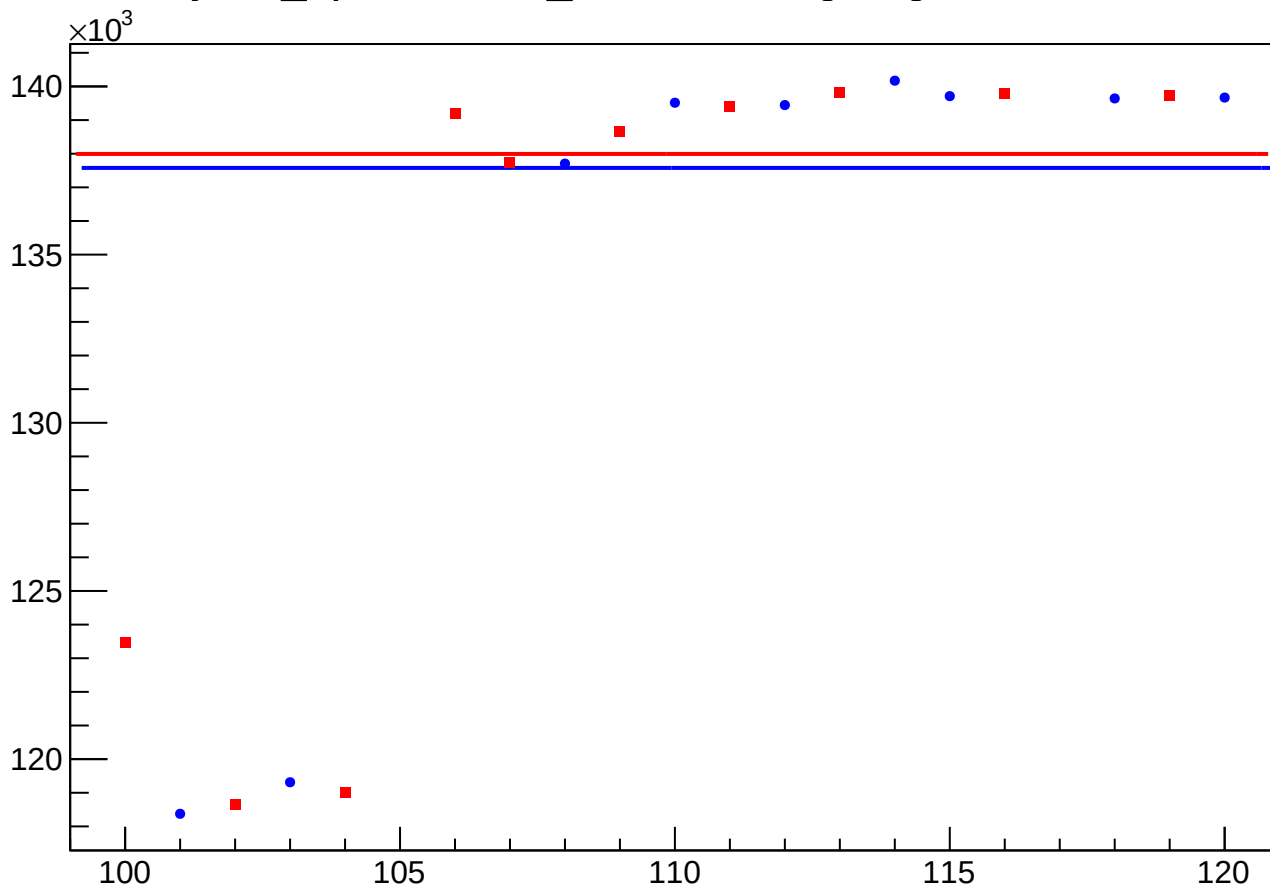
Right: 406.800+/-0.111 χ^2/NDF : 1142443.2/18

In: 392.343+/-0.156 χ^2/NDF : 504875.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

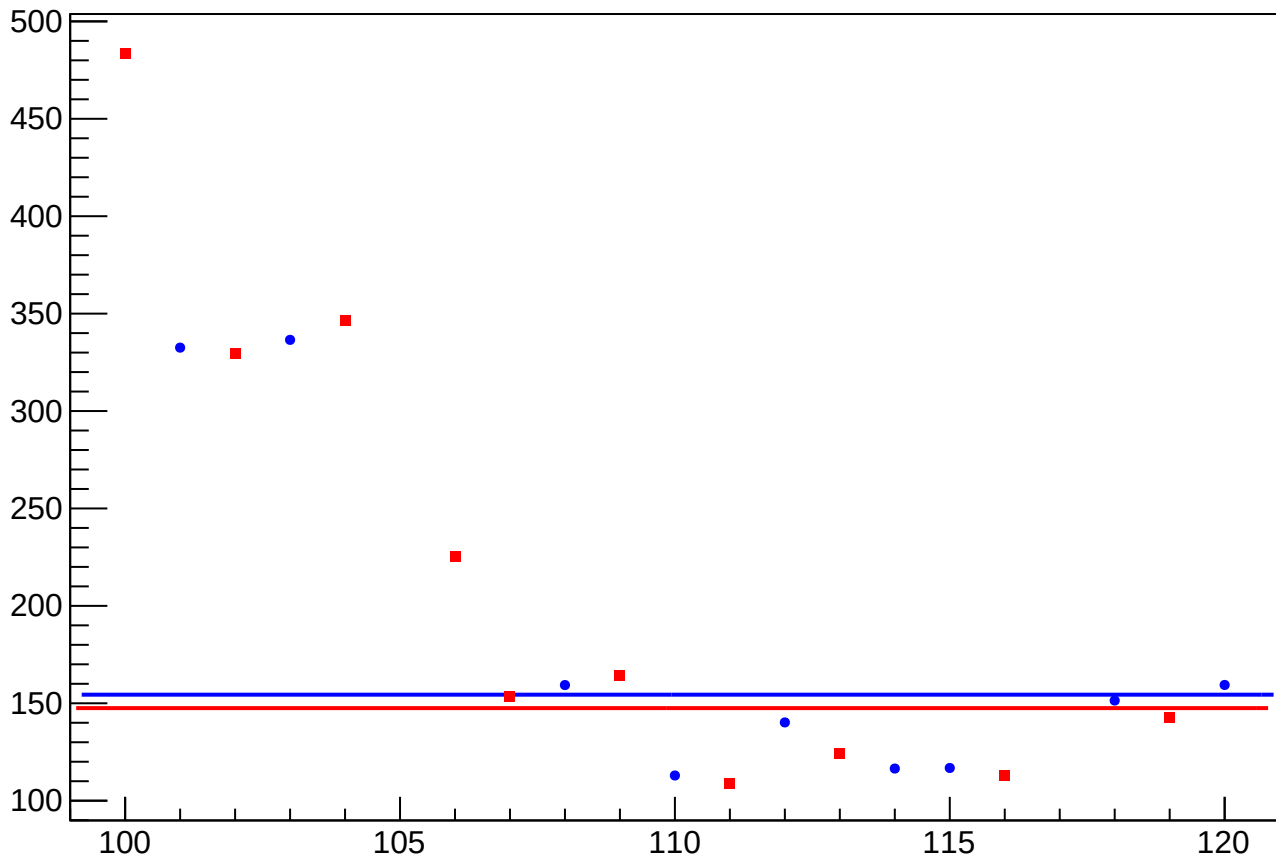
All: 406.800+/-0.111 χ^2/NDF : 1142443.2/18

yield_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: 137578.137 $\pm$ 0.088 χ^2 /NDF: 4400202045.5/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 137993.307 $\pm$ 0.080 χ^2 /NDF: 4184997762.3/9
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 137805.451 $\pm$ 0.059 χ^2 /NDF: 8597393651.6/16
 In: 137578.137 $\pm$ 0.088 χ^2 /NDF:4400202045.5/8
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 154.416+/-0.062 χ^2/NDF : 884694.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.522+/-0.057 χ^2/NDF : 1072643.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

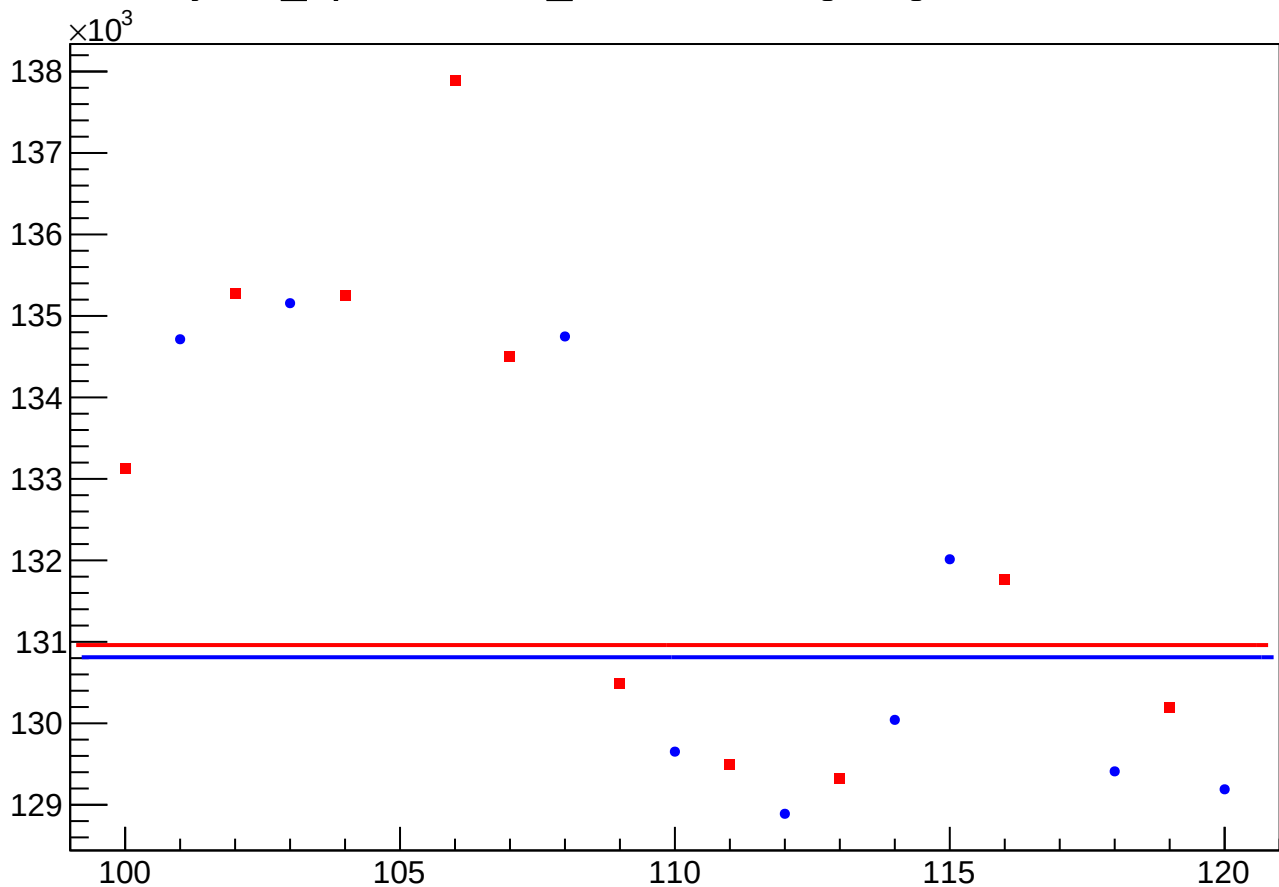
Right: 150.642+/-0.042 χ^2/NDF : 1964063.3/18

In: 154.416+/-0.062 χ^2/NDF : 884694.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.642+/-0.042 χ^2/NDF : 1964063.3/18

yield_bpm0l05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 130898.334+/-0.065 χ^2/NDF : 1160915824.0/8

In: 130811.111+/-0.101 χ^2/NDF : 525065950.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130898.334+/-0.065 χ^2/NDF : 1160915824.0/8

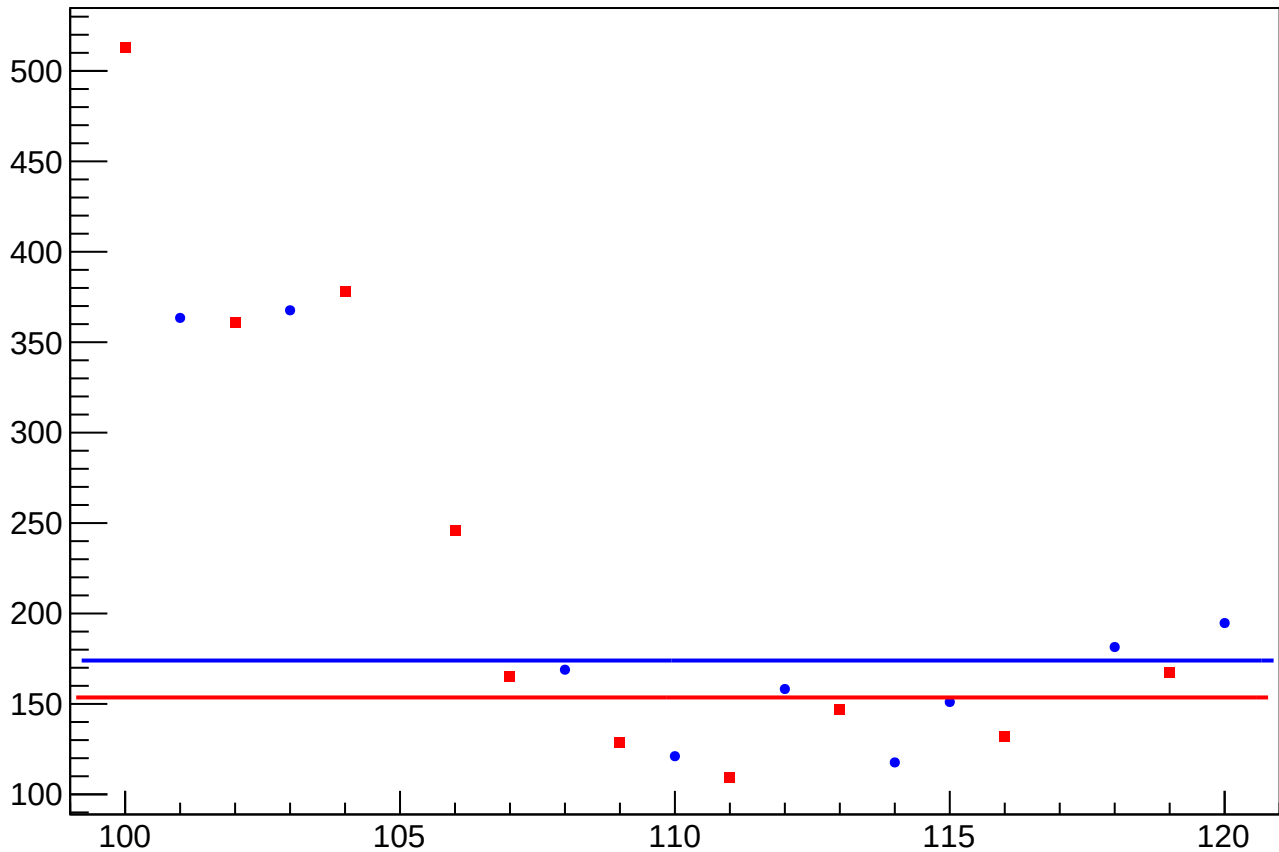
Right In: 130811.111+/-0.101 χ^2/NDF : 525065950.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130960.469+/-0.085 χ^2/NDF : 634573414.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 173.995+/-0.071 χ^2/NDF : 892510.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.582+/-0.060 χ^2/NDF : 1139786.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

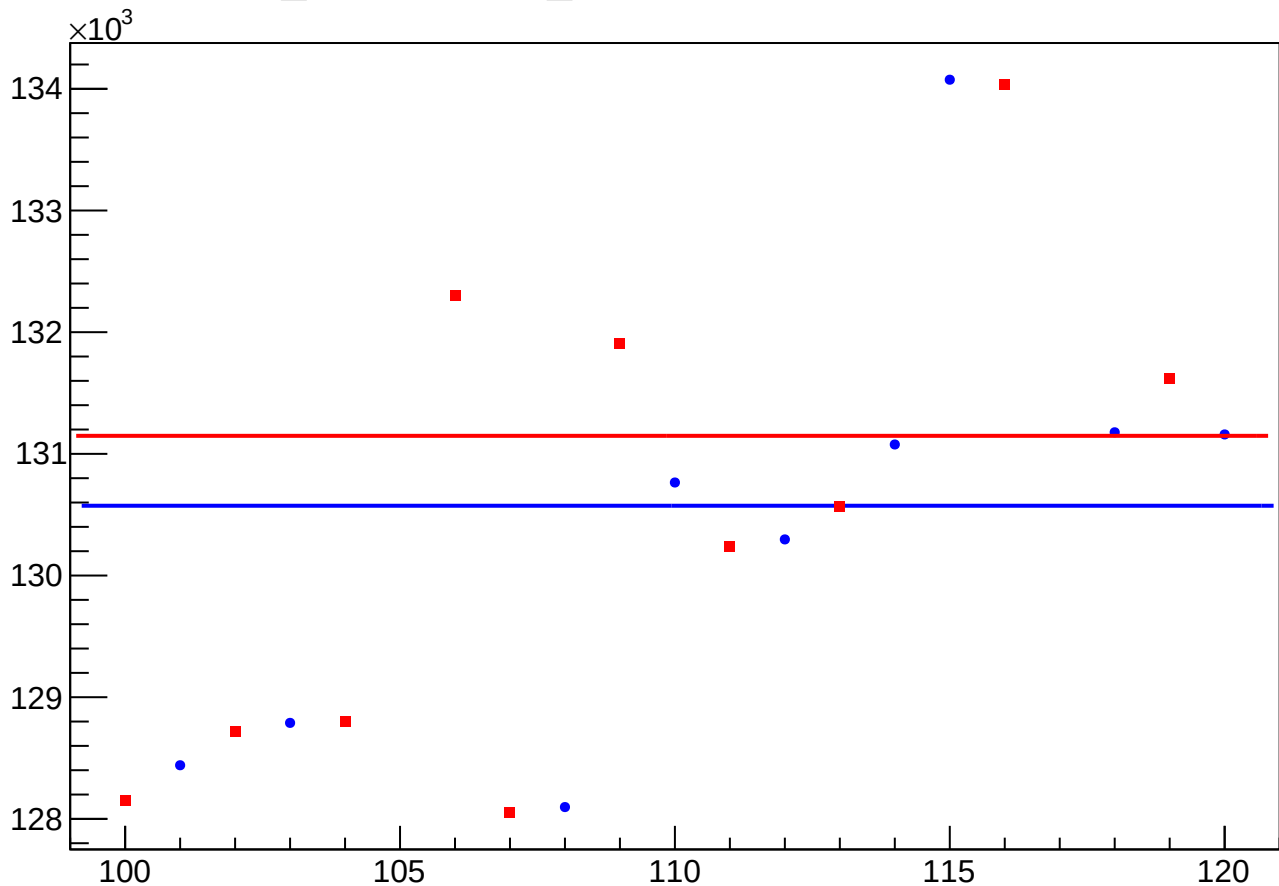
Right: 162.074+/-0.046 χ^2/NDF : 2079984.6/18

In: 173.995+/-0.071 χ^2/NDF : 892510.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

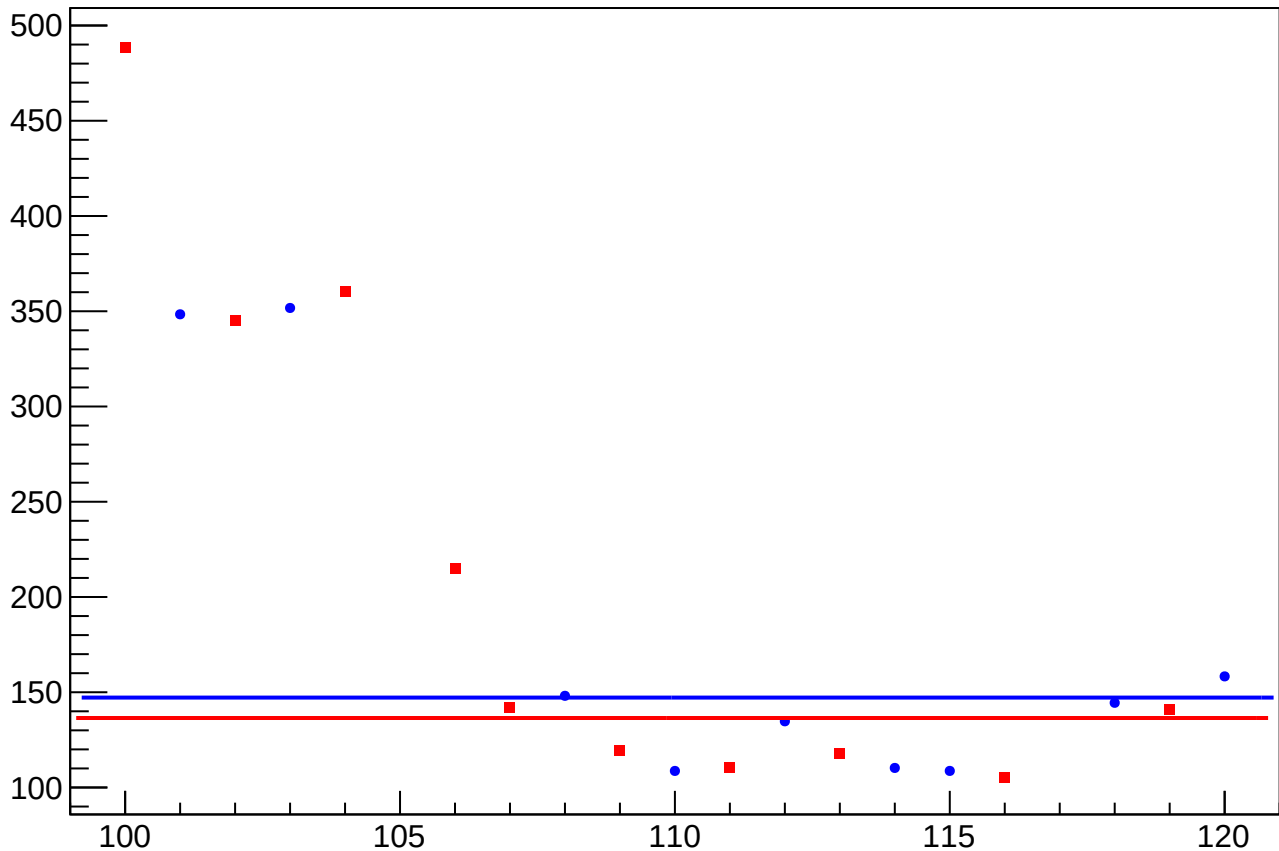
All: 162.074+/-0.046 χ^2/NDF : 2079984.6/18

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 130573.617+/-0.085 χ^2 /NDF: 299529645.7/8
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 130897.132+/-0.056 χ^2 /NDF: 756283759.8/1
 In: 130573.617+/-0.085 χ^2 /NDF: 299529645.7/8
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 130897.132+/-0.056 χ^2 /NDF: 756283759.8/1

yield_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 147.197+/-0.060 χ^2/NDF : 1001903.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.478+/-0.053 χ^2/NDF : 1157092.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

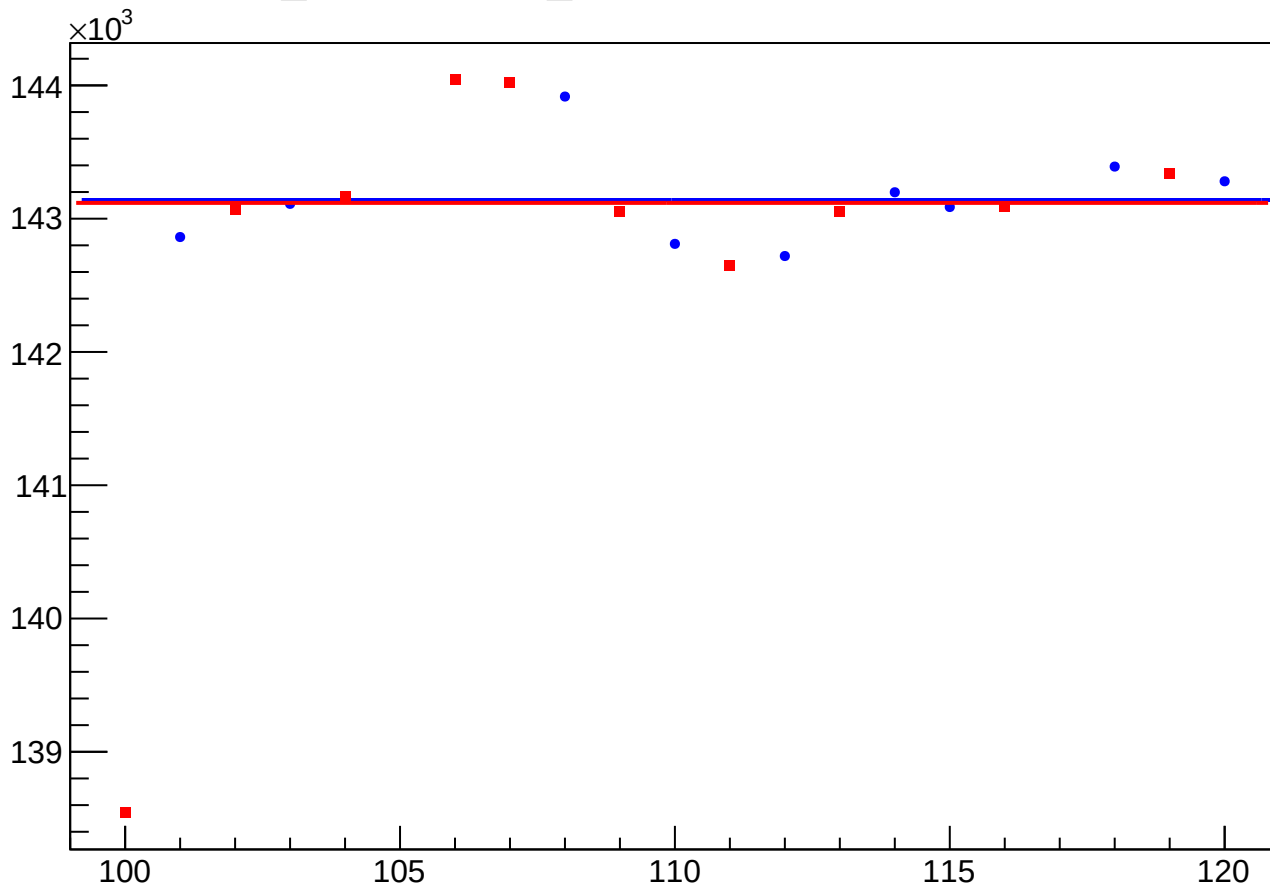
Right: 141.161+/-0.040 χ^2/NDF : 2177059.8/18

In: 147.197+/-0.060 χ^2/NDF : 1001903.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.161+/-0.040 χ^2/NDF : 2177059.8/18

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 143140.149+/-0.091 χ^2 /NDF: 17413503.9/8

Right: 143127.869+/-0.060 χ^2 /NDF: 43640089.1/18

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 143118.534+/-0.079 χ^2 /NDF: 26194613.2/9

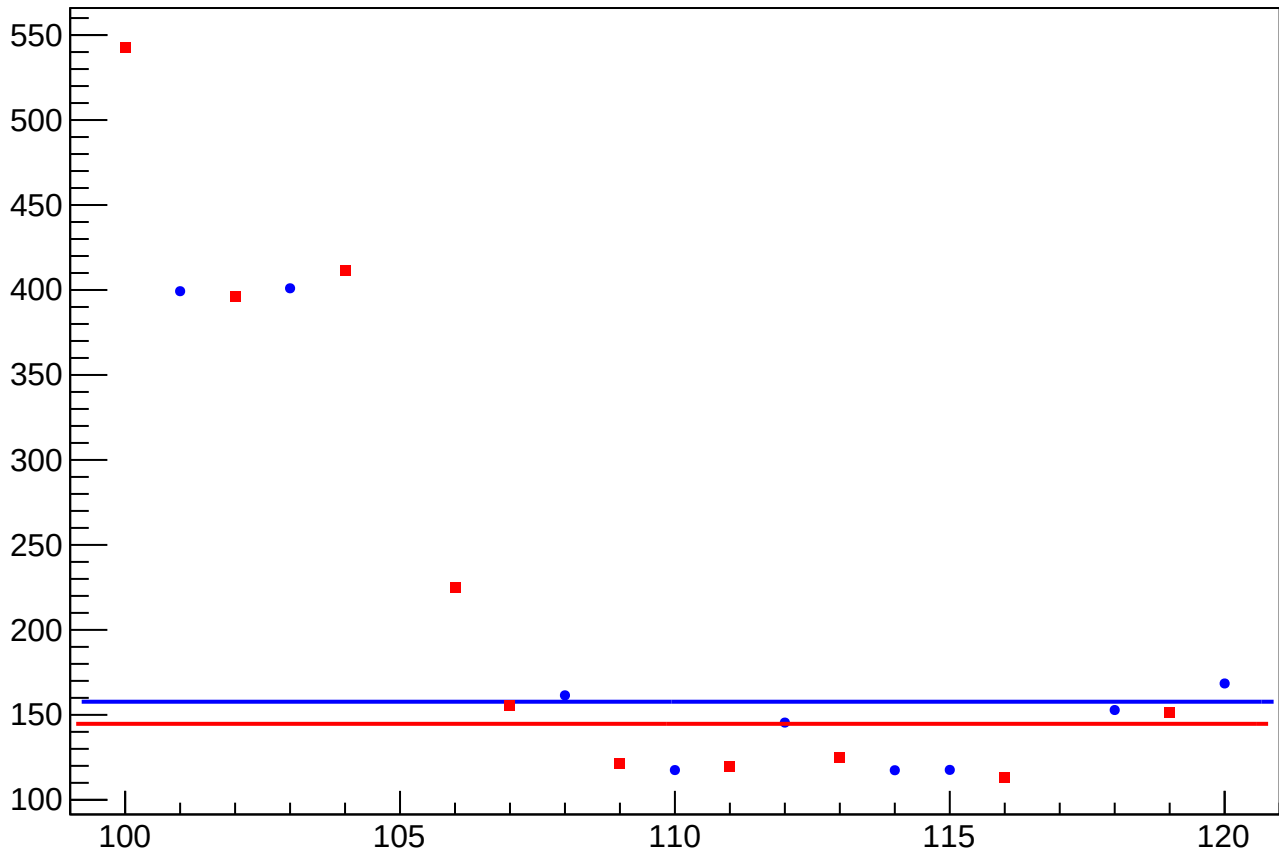
In: 143140.149+/-0.091 χ^2 /NDF: 17413503.9/8

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 143127.869+/-0.060 χ^2 /NDF: 43640089.1/18

yield_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 157.734+/-0.064 χ^2/NDF : 1074730.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.726+/-0.056 χ^2/NDF : 1246996.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

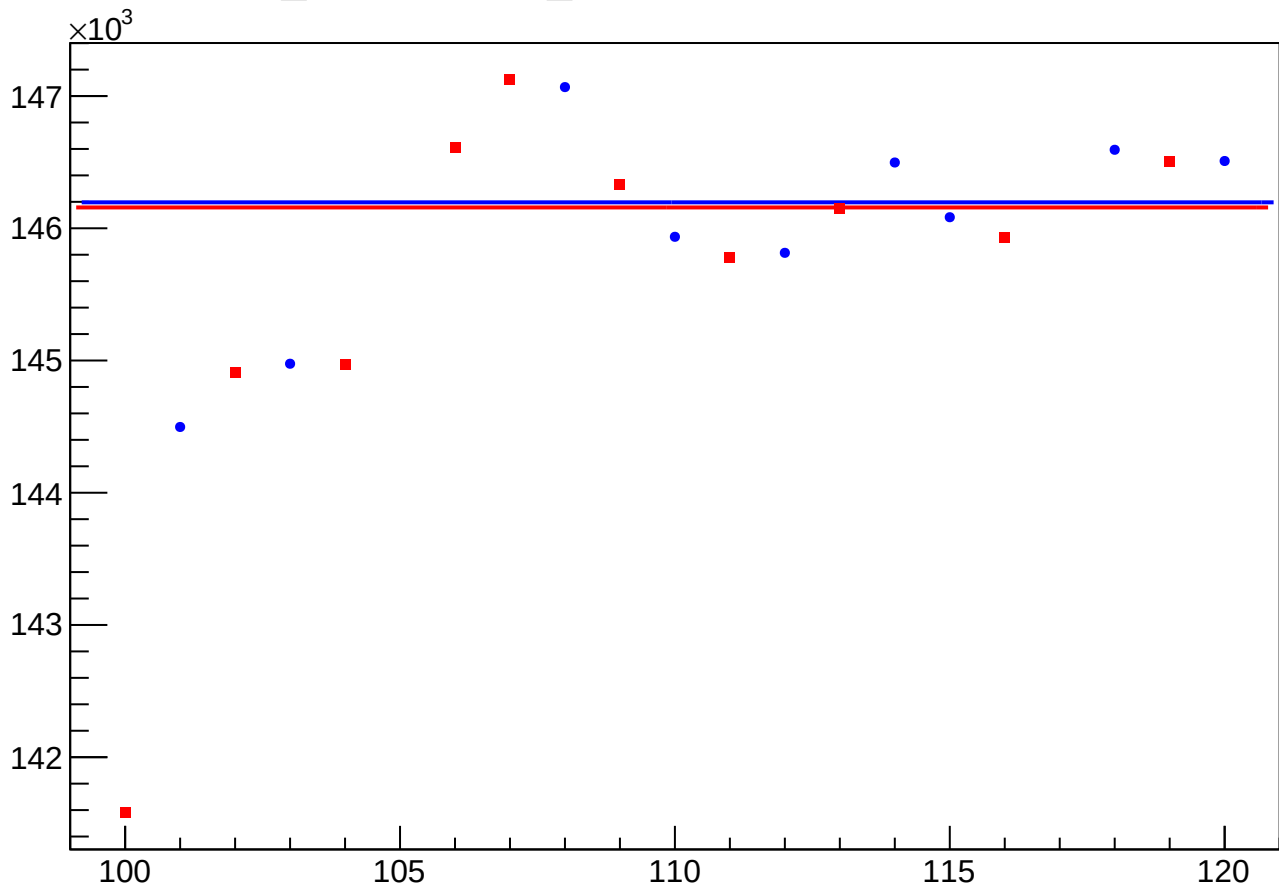
Right: 150.344+/-0.042 χ^2/NDF : 2344884.4/18

In: 157.734+/-0.064 χ^2/NDF : 1074730.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.344+/-0.042 χ^2/NDF : 2344884.4/18

yield_bpm0l08WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 146174.248+/-0.062 χ^2 /NDF: 73503106.1/18

In: 146196.258+/-0.094 χ^2 /NDF: 38411598.9/8

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 146174.248+/-0.062 χ^2 /NDF: 73503106.1/18

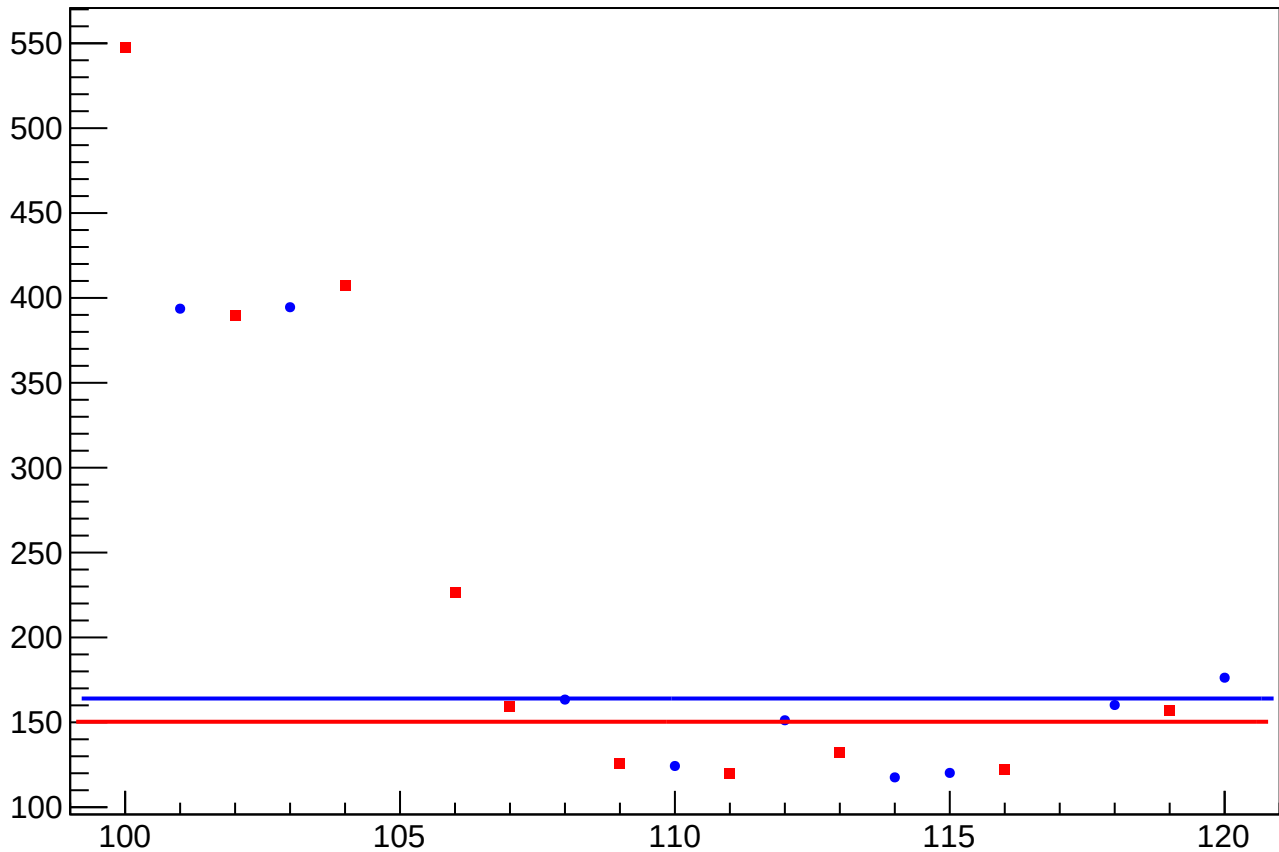
Right In: 146196.258+/-0.094 χ^2 /NDF: 38411598.9/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 146157.595+/-0.082 χ^2 /NDF: 34995844.0/9

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 164.029+/-0.067 χ^2/NDF : 1010266.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.339+/-0.058 χ^2/NDF : 1183429.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

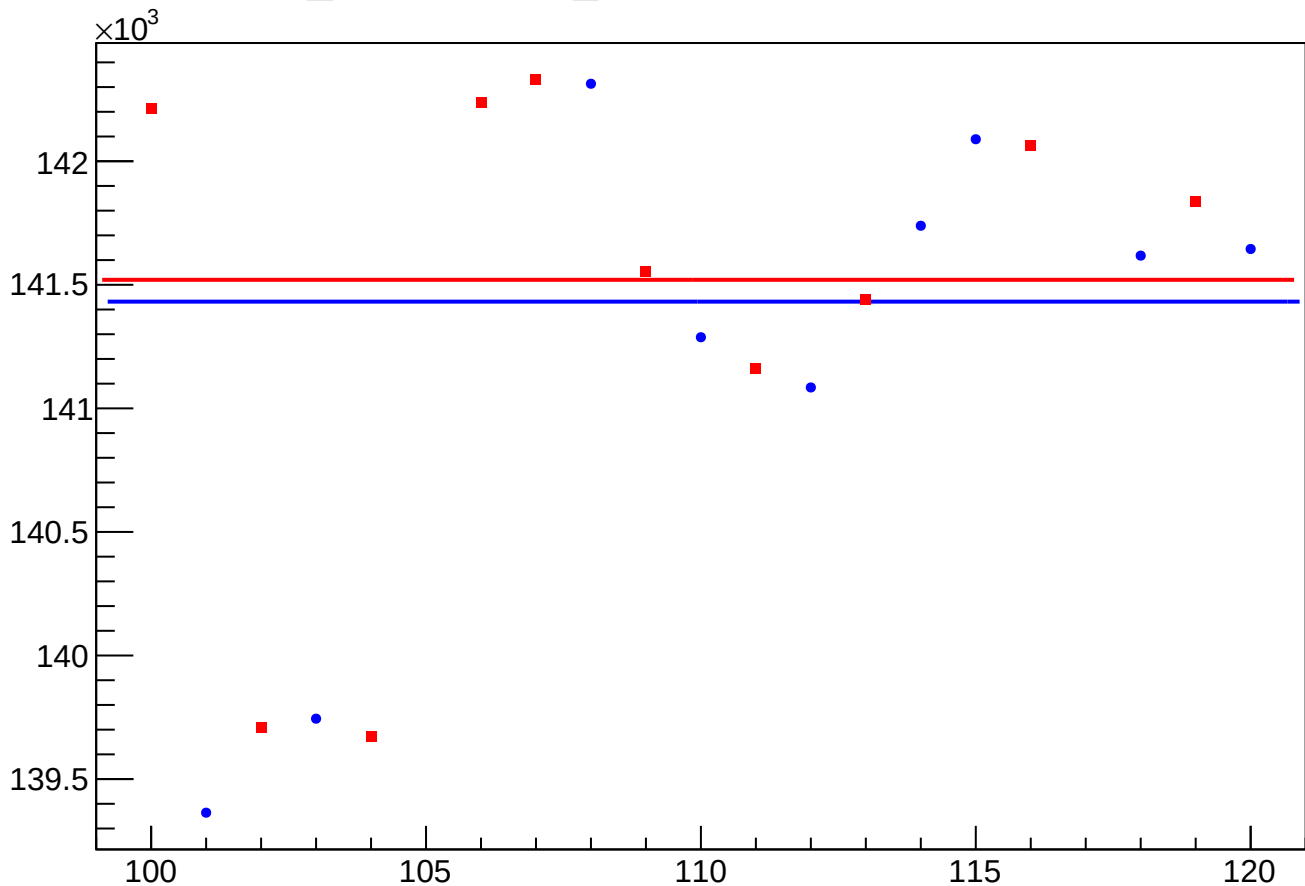
Right: 156.236+/-0.044 χ^2/NDF : 2217686.1/18

In: 164.029+/-0.067 χ^2/NDF : 1010266.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

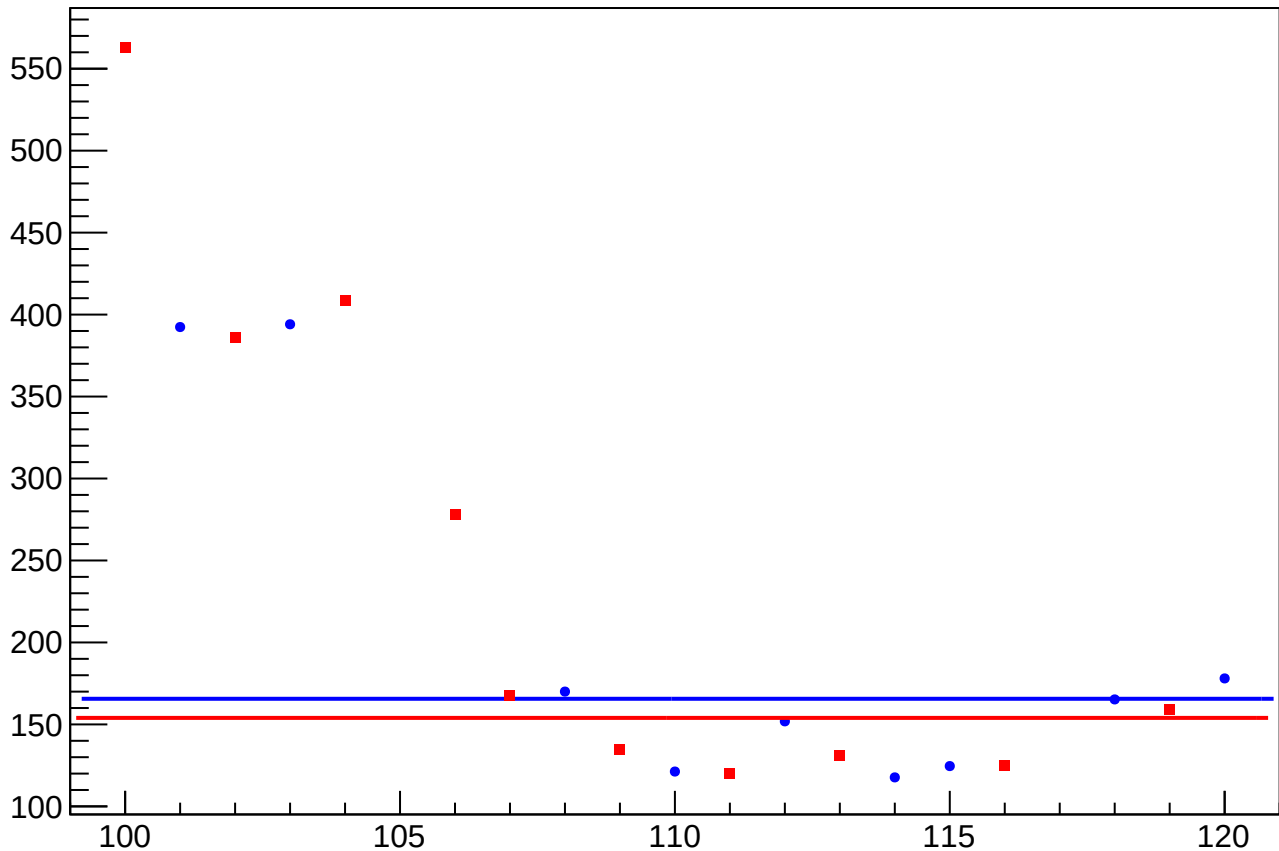
All: 156.236+/-0.044 χ^2/NDF : 2217686.1/18

yield_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 141431.886 $\pm$ 0.095 χ^2 /NDF: 47995124.1/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 141520.162 $\pm$ 0.084 χ^2 /NDF: 43319879.9/9
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 141481.446 $\pm$ 0.063 χ^2 /NDF: 91796284.9/18
 In: 141431.886 $\pm$ 0.095 χ^2 /NDF: 47995124.1/8
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 141481.446 $\pm$ 0.063 χ^2 /NDF: 91796284.9/18

yield_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 165.636+/-0.067 χ^2/NDF : 1013390.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.976+/-0.060 χ^2/NDF : 1209246.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

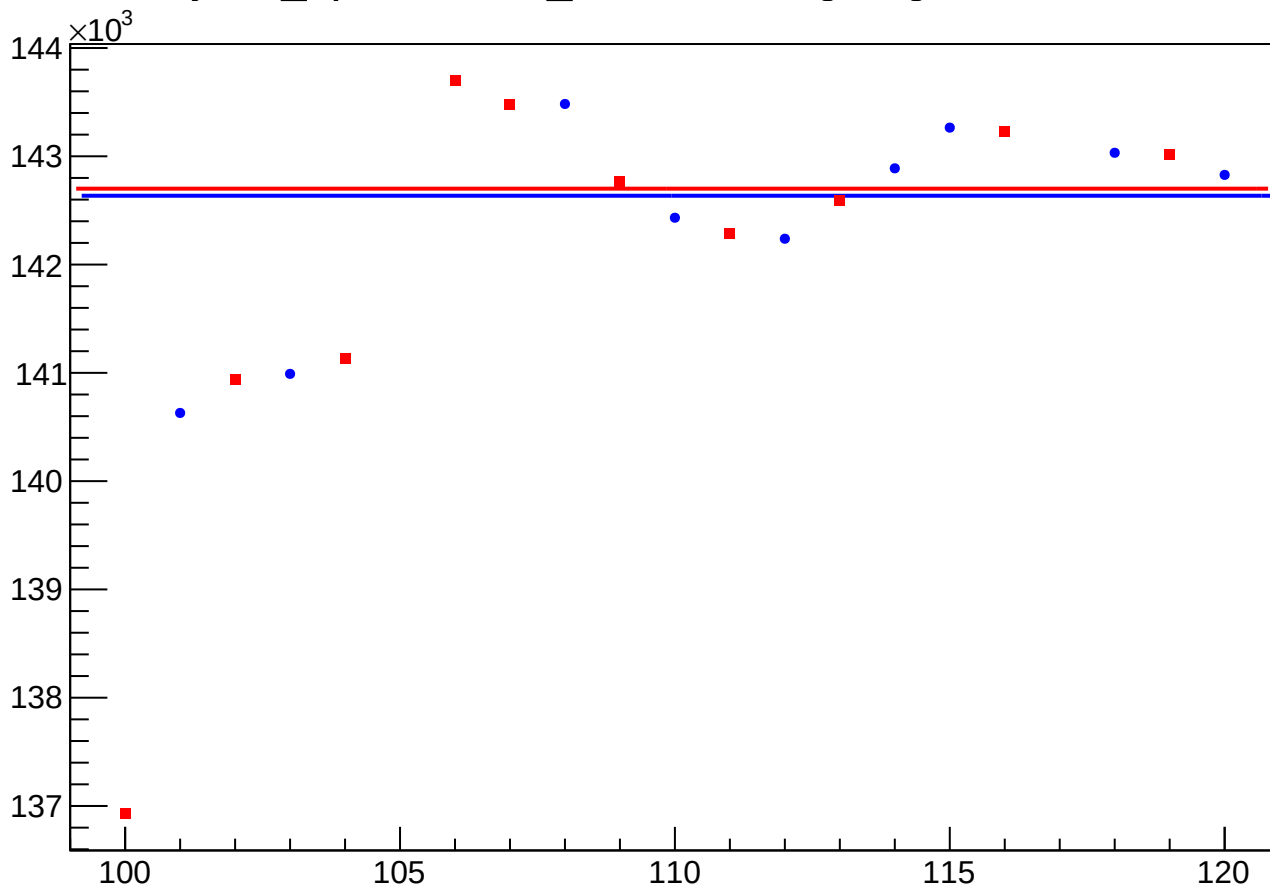
Right: 159.090+/-0.045 χ^2/NDF : 2239431.9/18

In: 165.636+/-0.067 χ^2/NDF : 1013390.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.090+/-0.045 χ^2/NDF : 2239431.9/18

yield_bpm0l10WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 142673.091+/-0.063 χ^2 /NDF: 100074496.7/1

In: 142635.668+/-0.096 χ^2 /NDF: 47962840.0/8

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 142673.091+/-0.063 χ^2 /NDF: 100074496.7/1

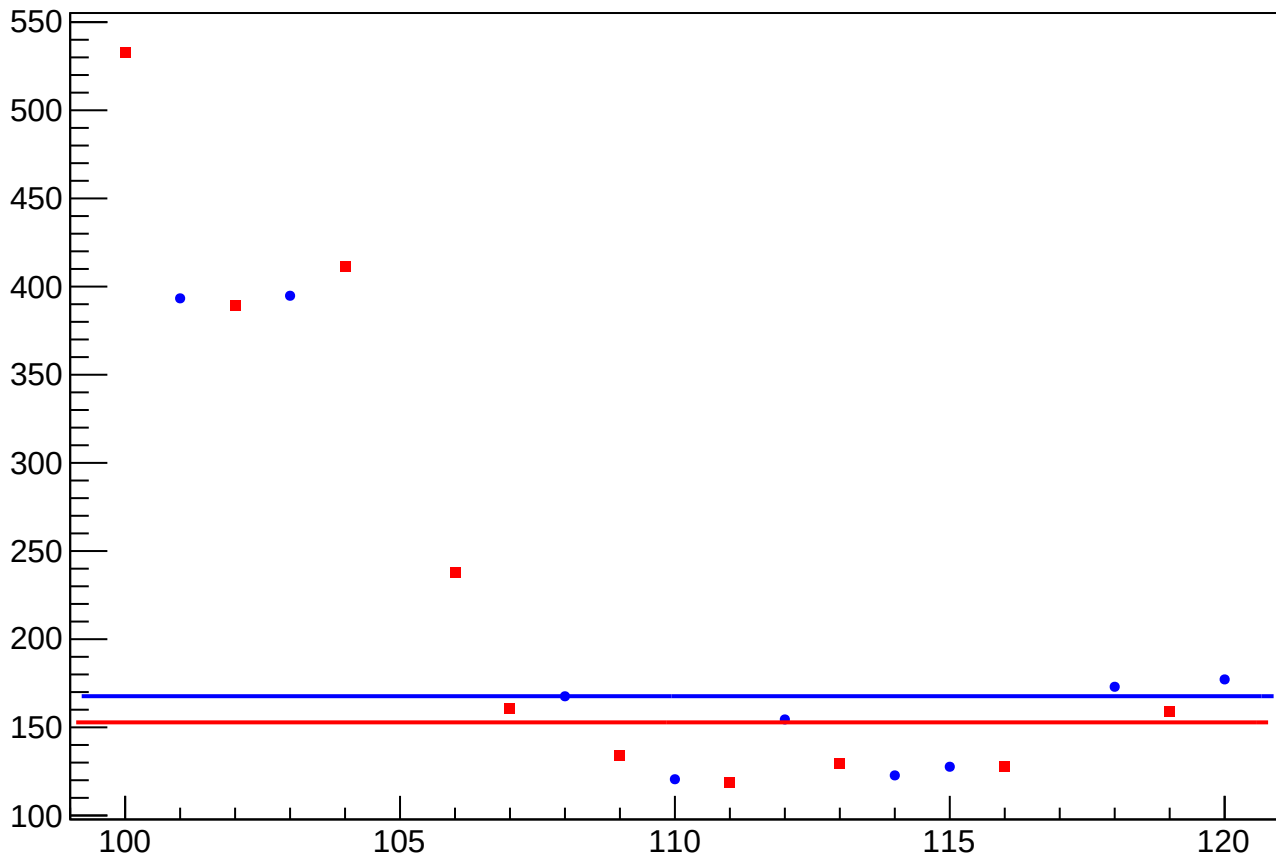
Right In: 142635.668+/-0.096 χ^2 /NDF: 47962840.0/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 142701.174+/-0.084 χ^2 /NDF: 51848182.9/9

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 167.665 $\pm$ 0.068 χ^2 /NDF: 1003430.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 152.822 $\pm$ 0.059 χ^2 /NDF: 1169222.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

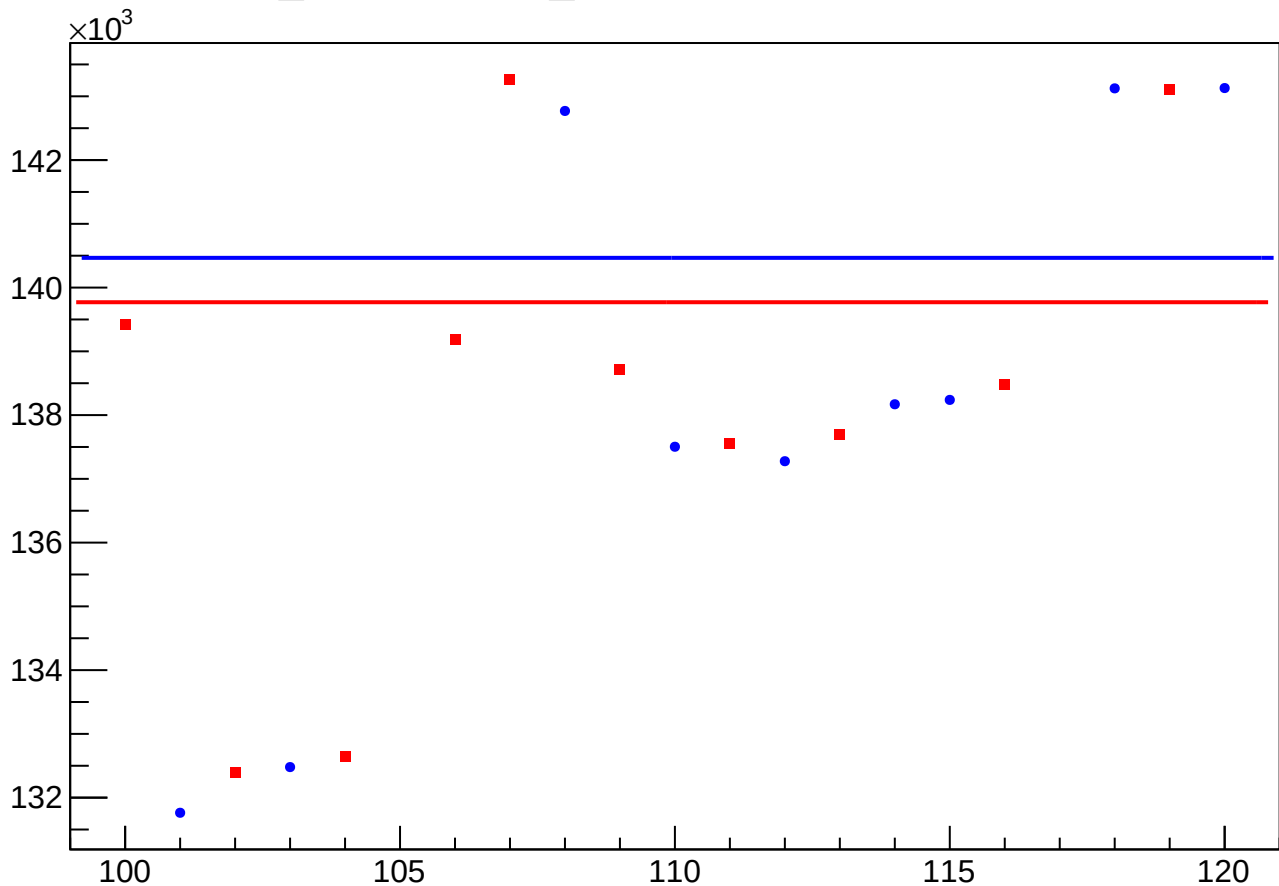
Right: 159.185 $\pm$ 0.045 χ^2 /NDF: 2199710.1/18

In: 167.665 $\pm$ 0.068 χ^2 /NDF: 1003430.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

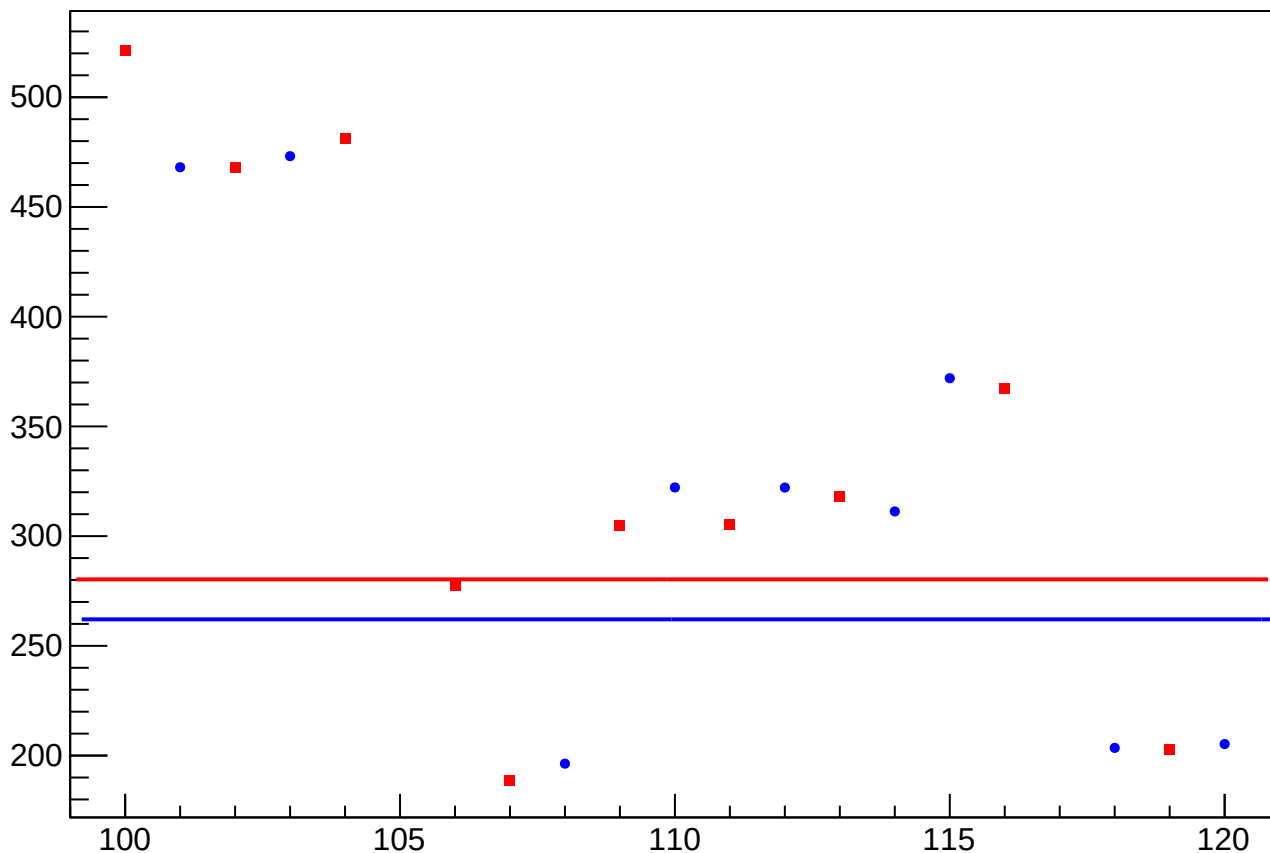
All: 159.185 $\pm$ 0.045 χ^2 /NDF: 2199710.1/18

yield_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: 140466.447 $\pm$ 0.147 χ^2 /NDF: 683463770.0/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 139770.354 $\pm$ 0.148 χ^2 /NDF: 552006479.9/9
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 140466.447 $\pm$ 0.147 χ^2 /NDF: 683463770.0/8
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 140121.250 $\pm$ 0.104 χ^2 /NDF: 1246597216.7/16

yield_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 262.077+/-0.104 χ^2/NDF : 804473.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 280.299+/-0.105 χ^2/NDF : 735213.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

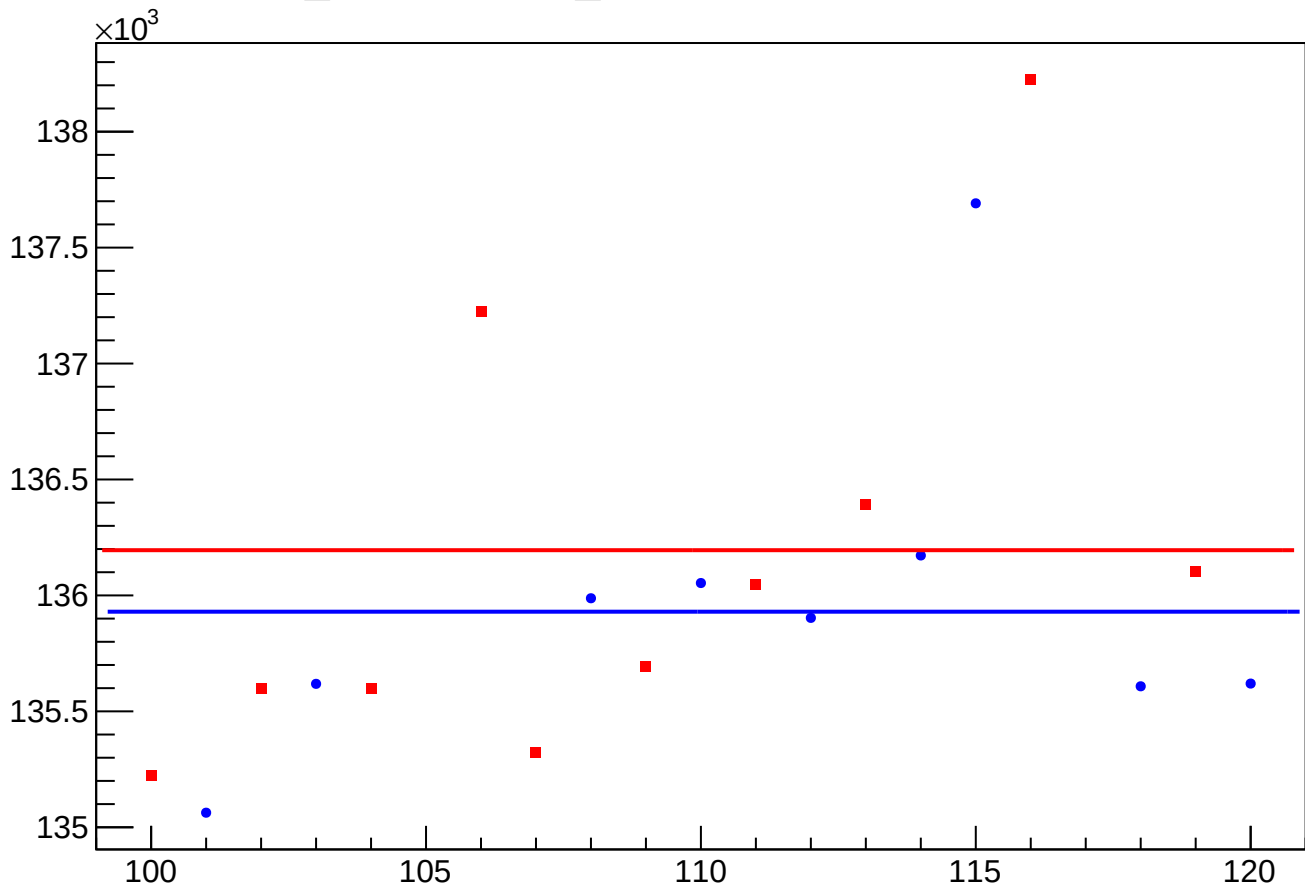
Right: 271.113+/-0.074 χ^2/NDF : 1554937.5/18

In: 262.077+/-0.104 χ^2/NDF : 804473.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

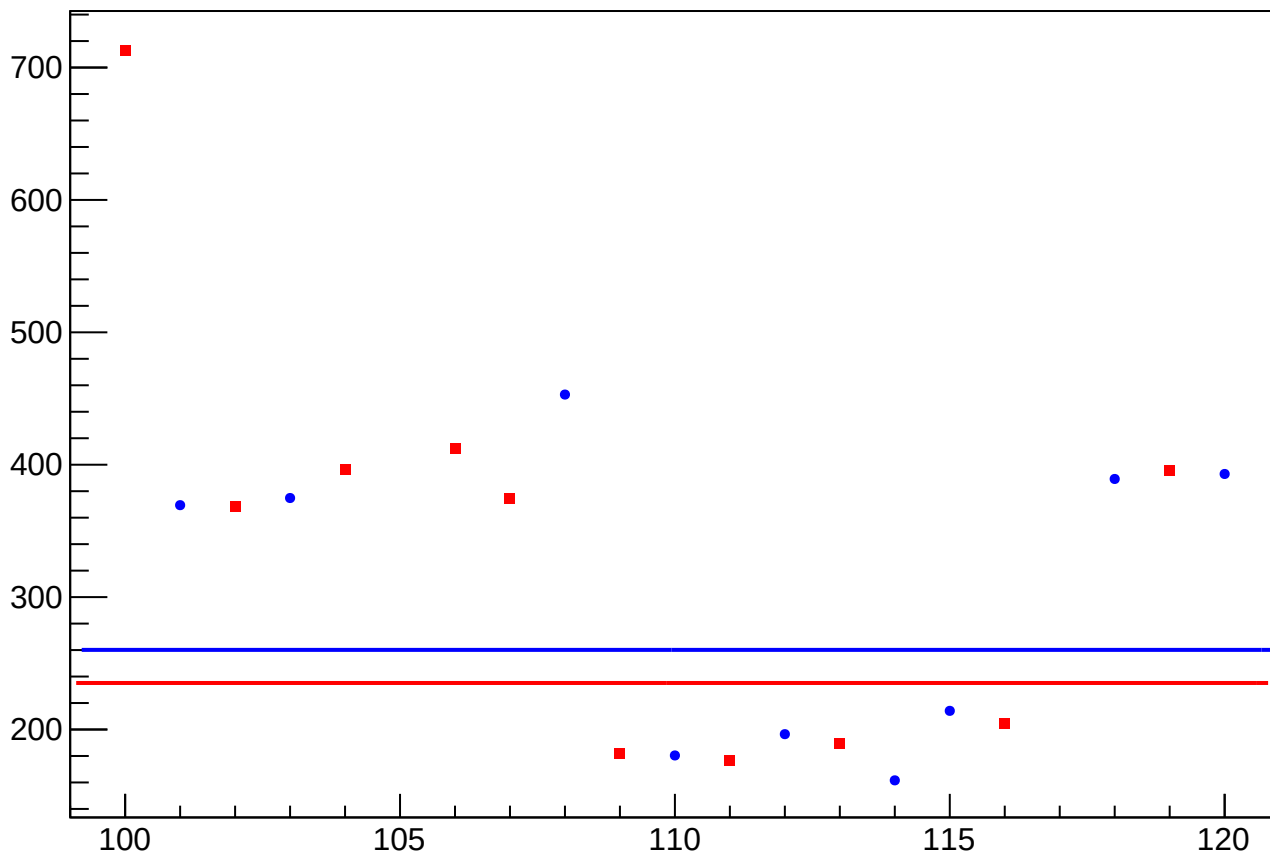
All: 271.113+/-0.074 χ^2/NDF : 1554937.5/18

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 135929.798 $\pm$ 0.148 χ^2 /NDF: 14092212.9/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 136195.032 $\pm$ 0.127 χ^2 /NDF: 34749257.8/9
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 136081.807 $\pm$ 0.096 χ^2 /NDF: 50693160.6/18
 In: 135929.798 $\pm$ 0.148 χ^2 /NDF:14092212.9/8
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 136081.807 $\pm$ 0.096 χ^2 /NDF: 50693160.6/18

yield_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 260.141+/-0.104 χ^2/NDF : 887057.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 235.139+/-0.090 χ^2/NDF : 996997.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

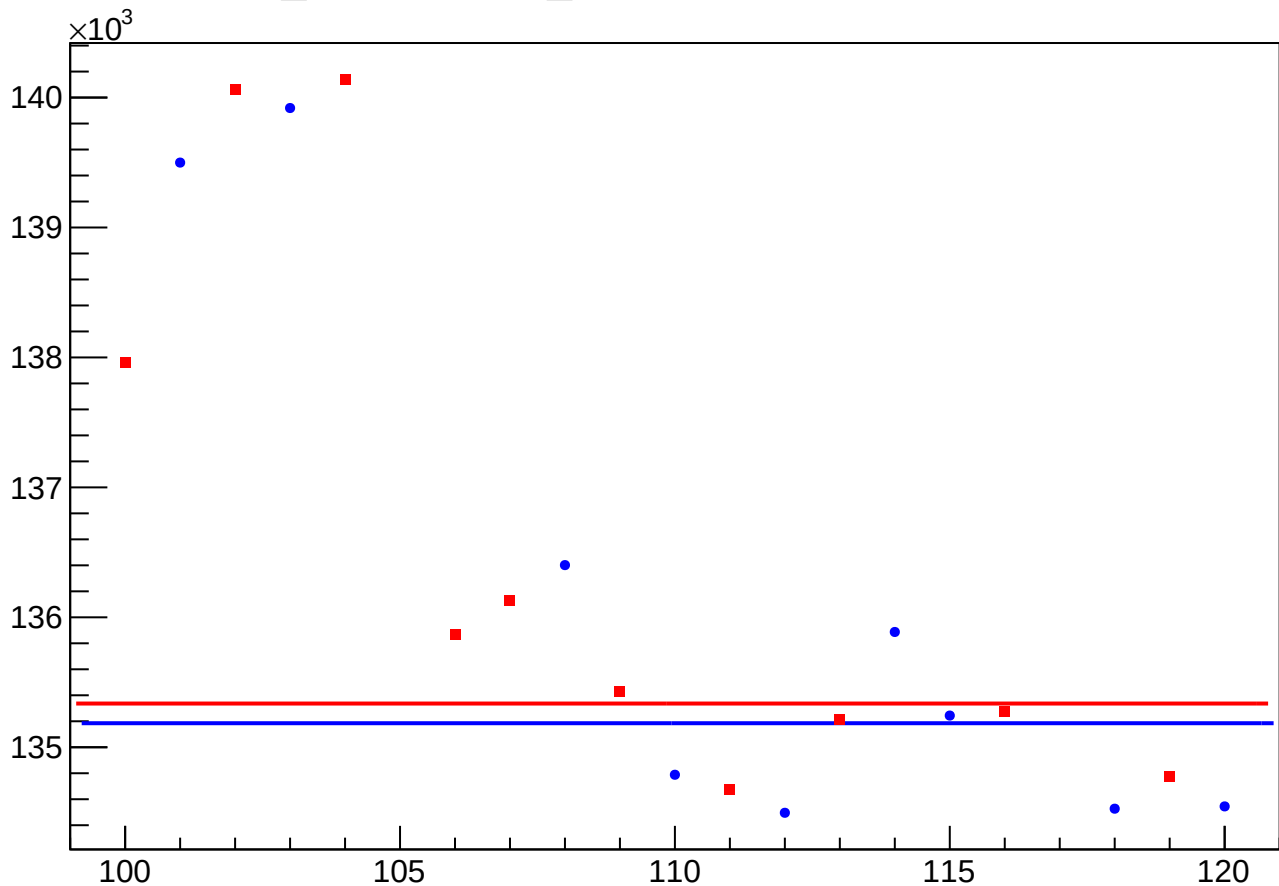
Right: 245.812+/-0.068 χ^2/NDF : 1916961.9/18

In: 260.141+/-0.104 χ^2/NDF : 887057.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 245.812+/-0.068 χ^2/NDF : 1916961.9/18

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 135185.001+/-0.073 χ^2 /NDF: 273210436.3/8

Right: 135267.217+/-0.049 χ^2 /NDF: 495548652.8/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 135336.466+/-0.067 χ^2 /NDF: 219984591.7/9

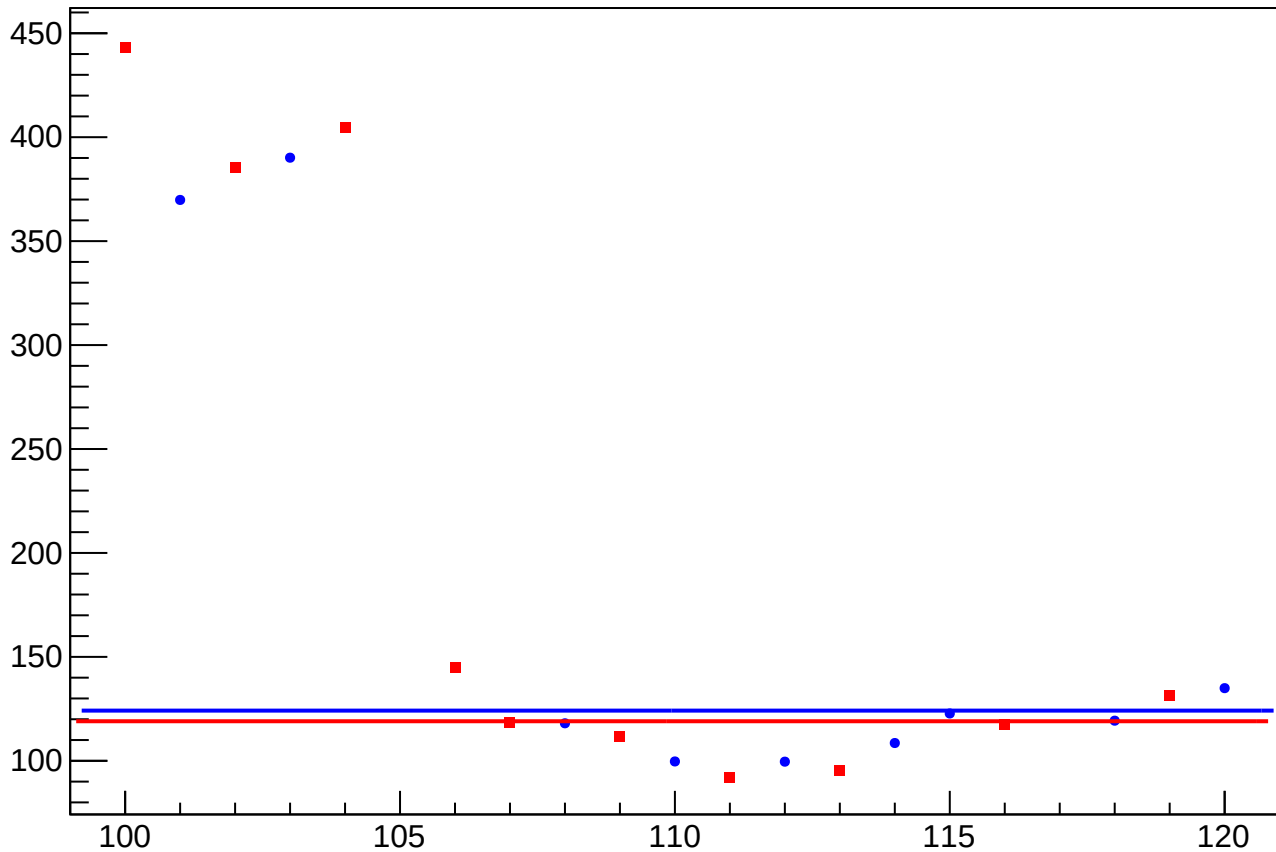
In: 135185.001+/-0.073 χ^2 /NDF: 273210436.3/8

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 135267.217+/-0.049 χ^2 /NDF: 495548652.8/1

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 124.154+/-0.051 χ^2/NDF : 1246689.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.036+/-0.047 χ^2/NDF : 1368754.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

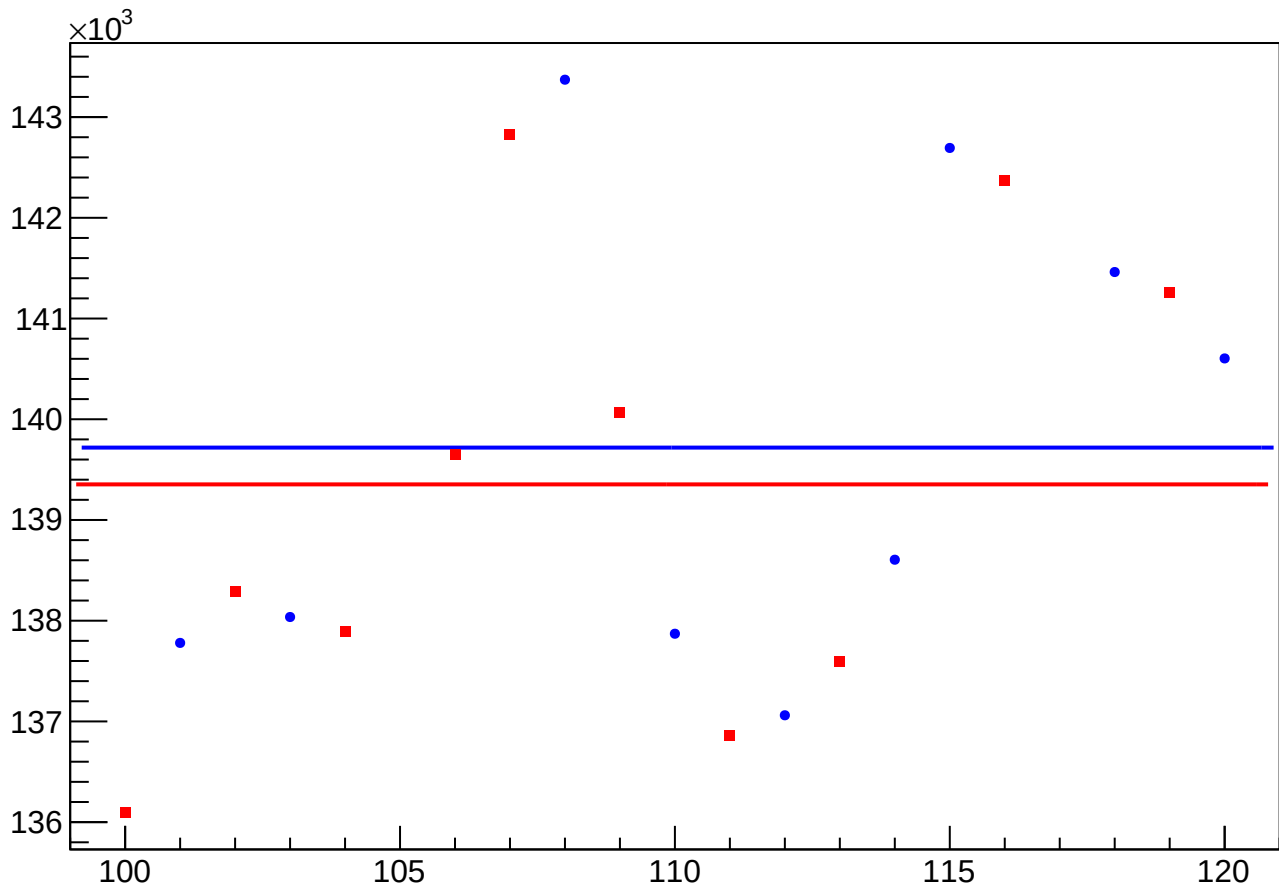
Right: 121.376+/-0.035 χ^2/NDF : 2620818.2/18

In: 124.154+/-0.051 χ^2/NDF : 1246689.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

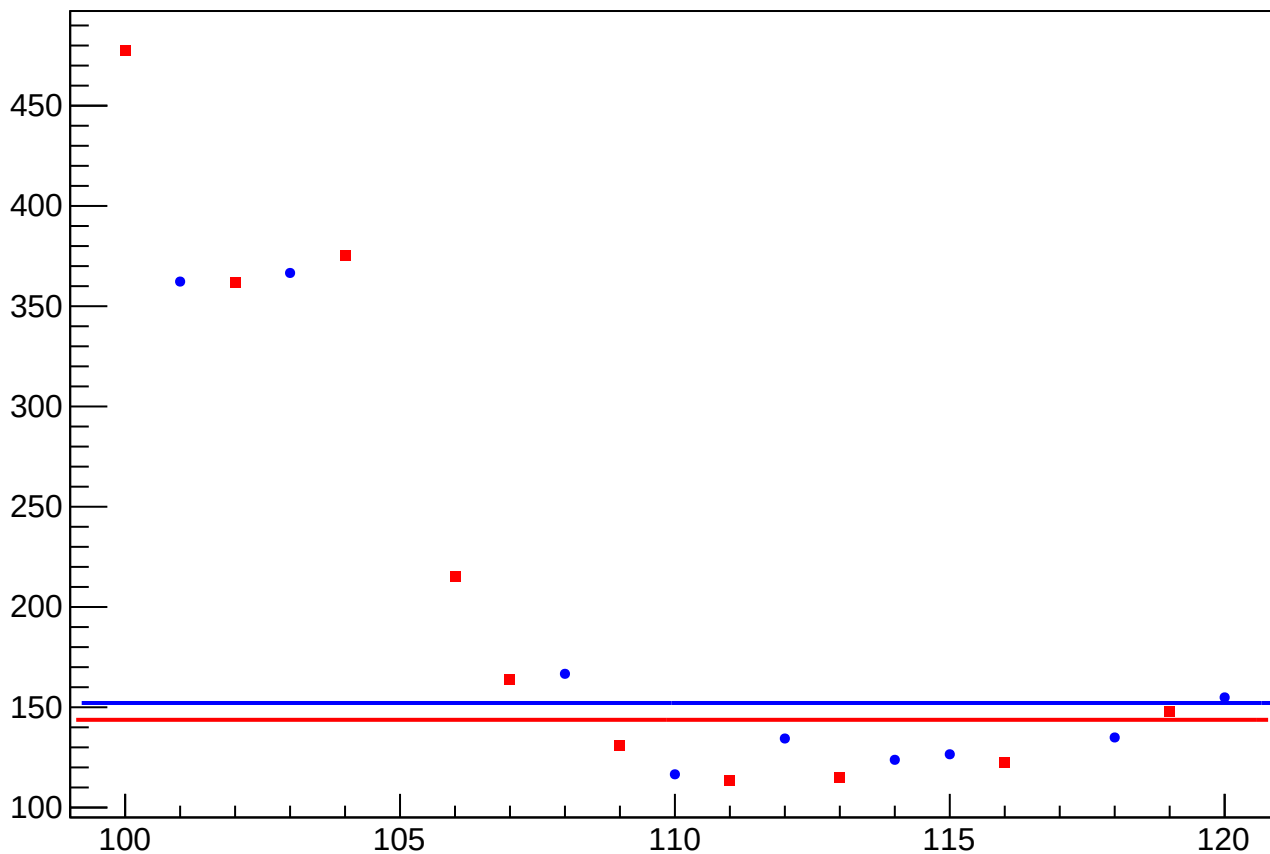
All: 121.376+/-0.035 χ^2/NDF : 2620818.2/18

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 139718.646 $\pm$ 0.087 χ^2 /NDF: 655008476.3/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 139353.373 $\pm$ 0.079 χ^2 /NDF: 689735701.1/9
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 In: 139718.646 $\pm$ 0.087 χ^2 /NDF:655008476.3/8
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 139518.099 $\pm$ 0.059 χ^2 /NDF: 1354393774.5/16

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 152.136 $\pm$ 0.062 χ^2 /NDF: 980237.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 143.741 $\pm$ 0.056 χ^2 /NDF: 1136019.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

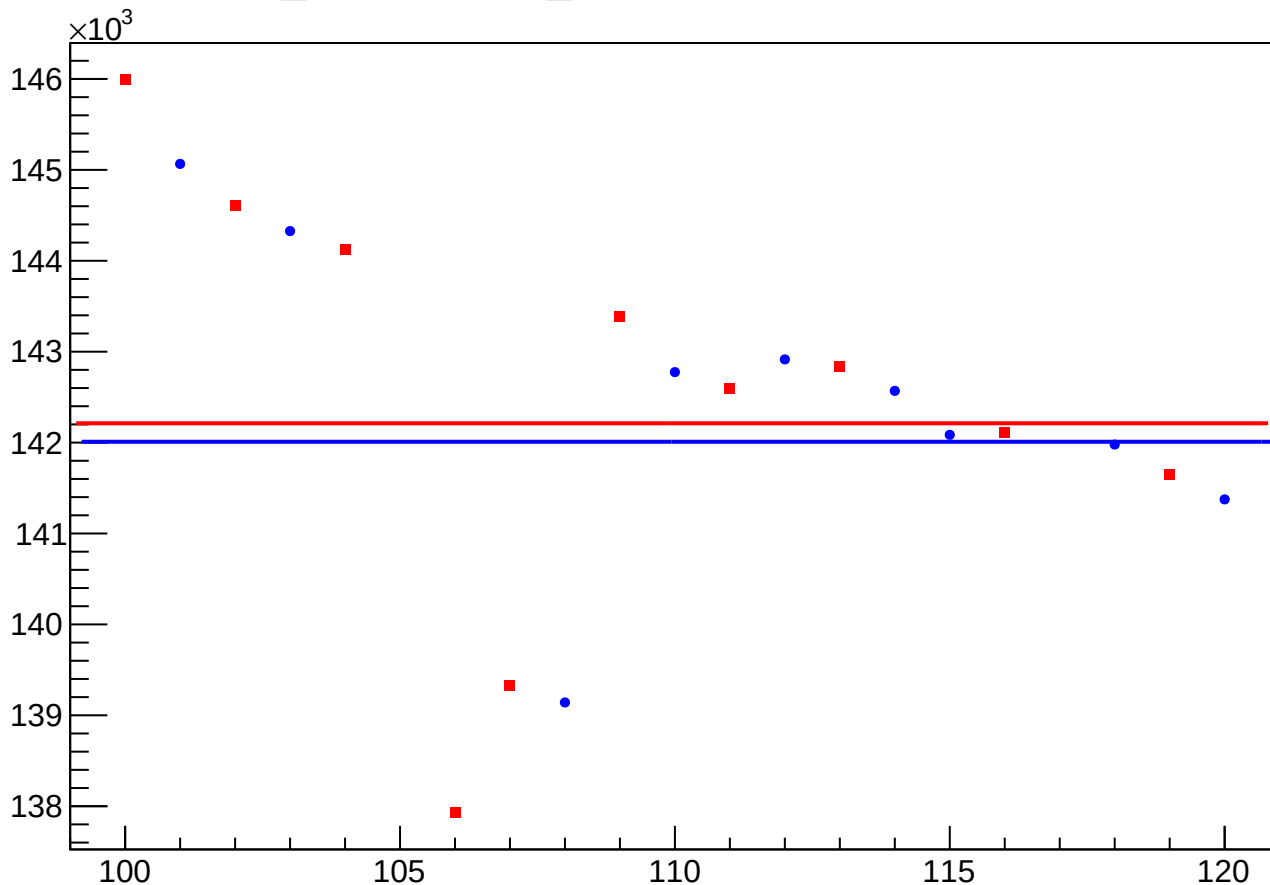
Right: 147.527 $\pm$ 0.041 χ^2 /NDF: 2126450.6/18

In: 152.136 $\pm$ 0.062 χ^2 /NDF:980237.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 147.527 $\pm$ 0.041 χ^2 /NDF: 2126450.6/18

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 142009.074+/-0.096 χ^2 /NDF: 252089388.8/8

Right: 142124.523+/-0.063 χ^2 /NDF: 573571620.0/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 142212.248+/-0.083 χ^2 /NDF: 318923676.3/9

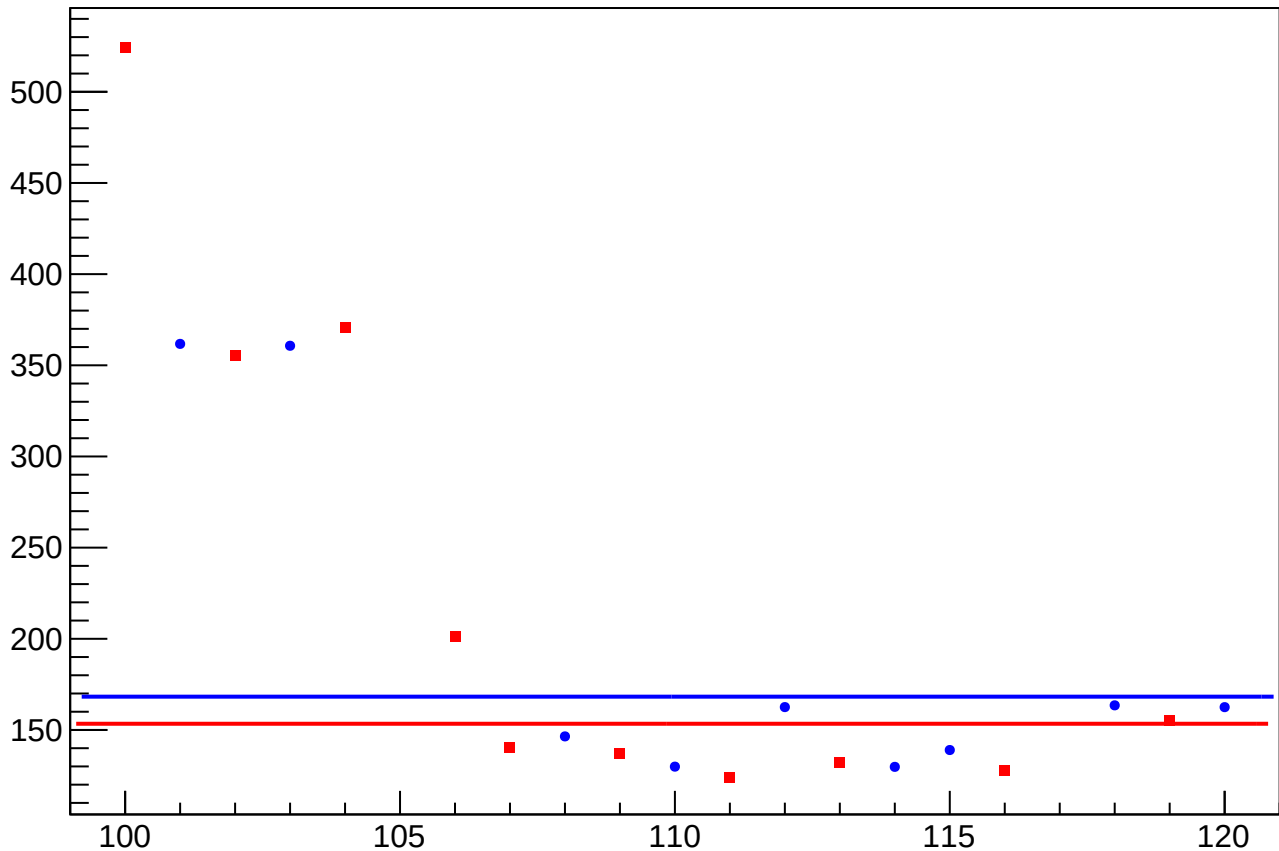
In: 142009.074+/-0.096 χ^2 /NDF: 252089388.8/8

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 142124.523+/-0.063 χ^2 /NDF: 573571620.0/1

yield_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 168.267+/-0.068 χ^2/NDF : 828809.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.406+/-0.059 χ^2/NDF : 982673.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

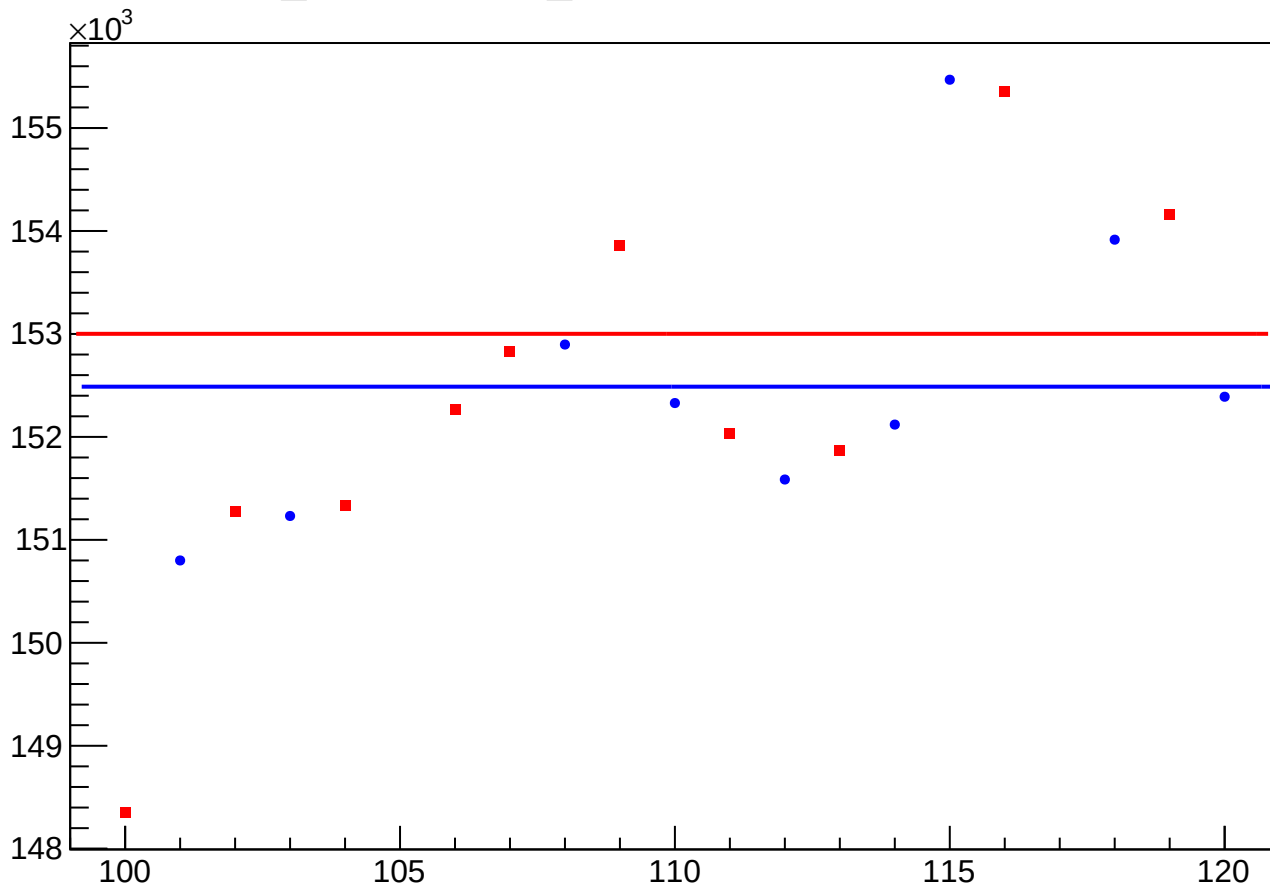
Right: 159.823+/-0.044 χ^2/NDF : 1838858.8/18

In: 168.267+/-0.068 χ^2/NDF : 828809.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.823+/-0.044 χ^2/NDF : 1838858.8/18

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 152487.851+/-0.114 χ^2 /NDF: 84505852.8/8

Right: 152794.681+/-0.072 χ^2 /NDF: 265270226.4/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 153001.190+/-0.094 χ^2 /NDF: 168651054.5/9

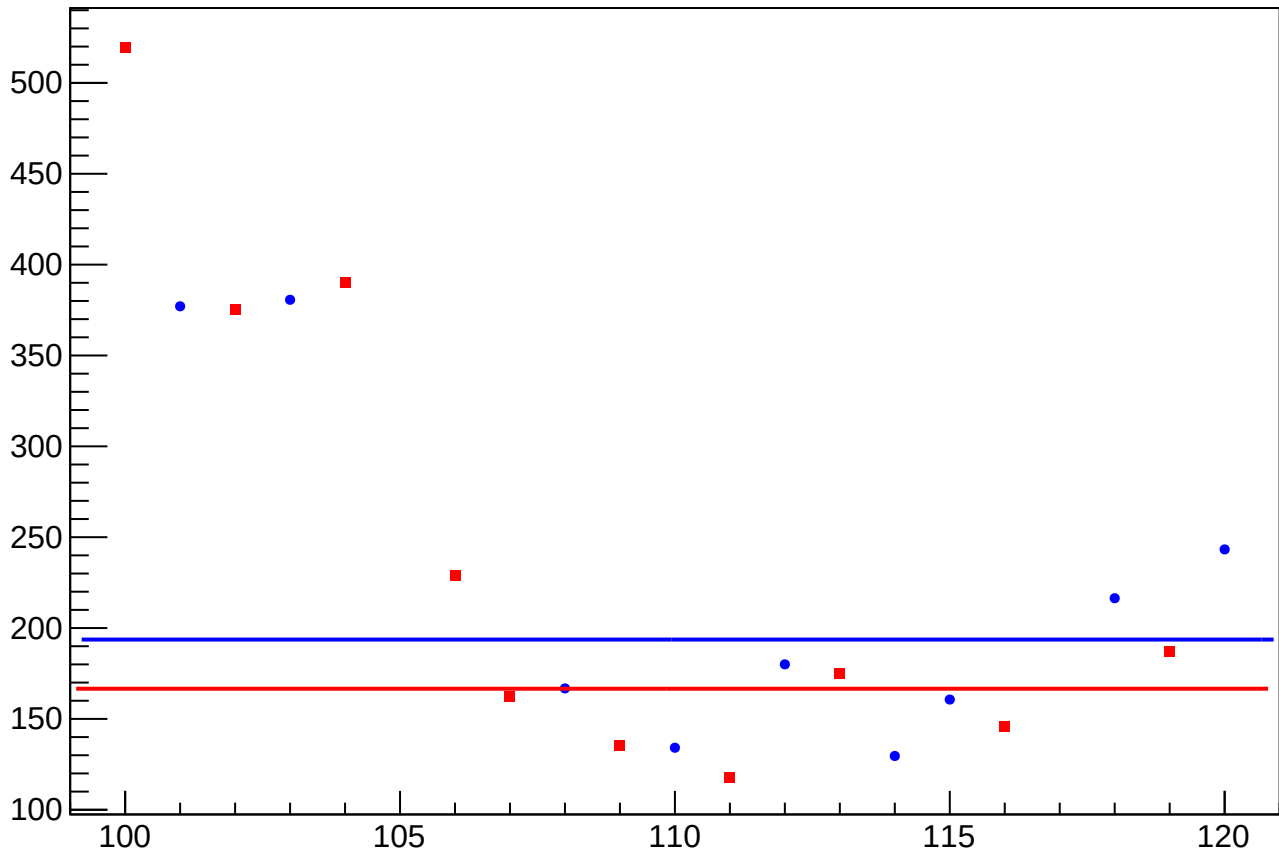
In: 152487.851+/-0.114 χ^2 /NDF: 84505852.8/8

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 152794.681+/-0.072 χ^2 /NDF: 265270226.4/1

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 193.674+/-0.081 χ^2/NDF : 847904.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 166.621+/-0.066 χ^2/NDF : 1062022.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

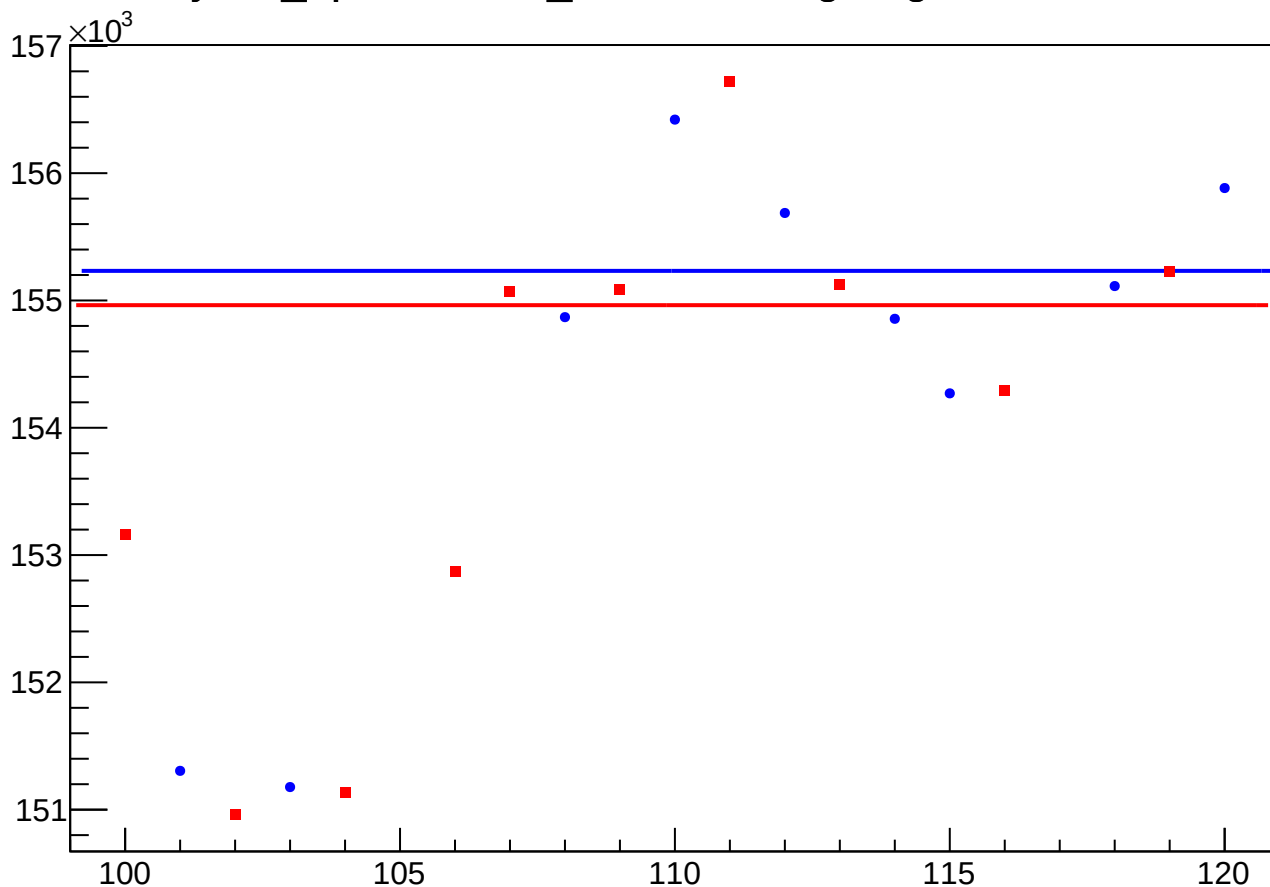
Right: 177.504+/-0.051 χ^2/NDF : 1977212.0/18

In: 193.674+/-0.081 χ^2/NDF : 847904.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.504+/-0.051 χ^2/NDF : 1977212.0/18

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 155232.528+/-0.088 χ^2 /NDF: 181185654.0/8

Right: 155083.441+/-0.059 χ^2 /NDF: 451397307.0/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 154963.082+/-0.079 χ^2 /NDF: 265070788.4/9

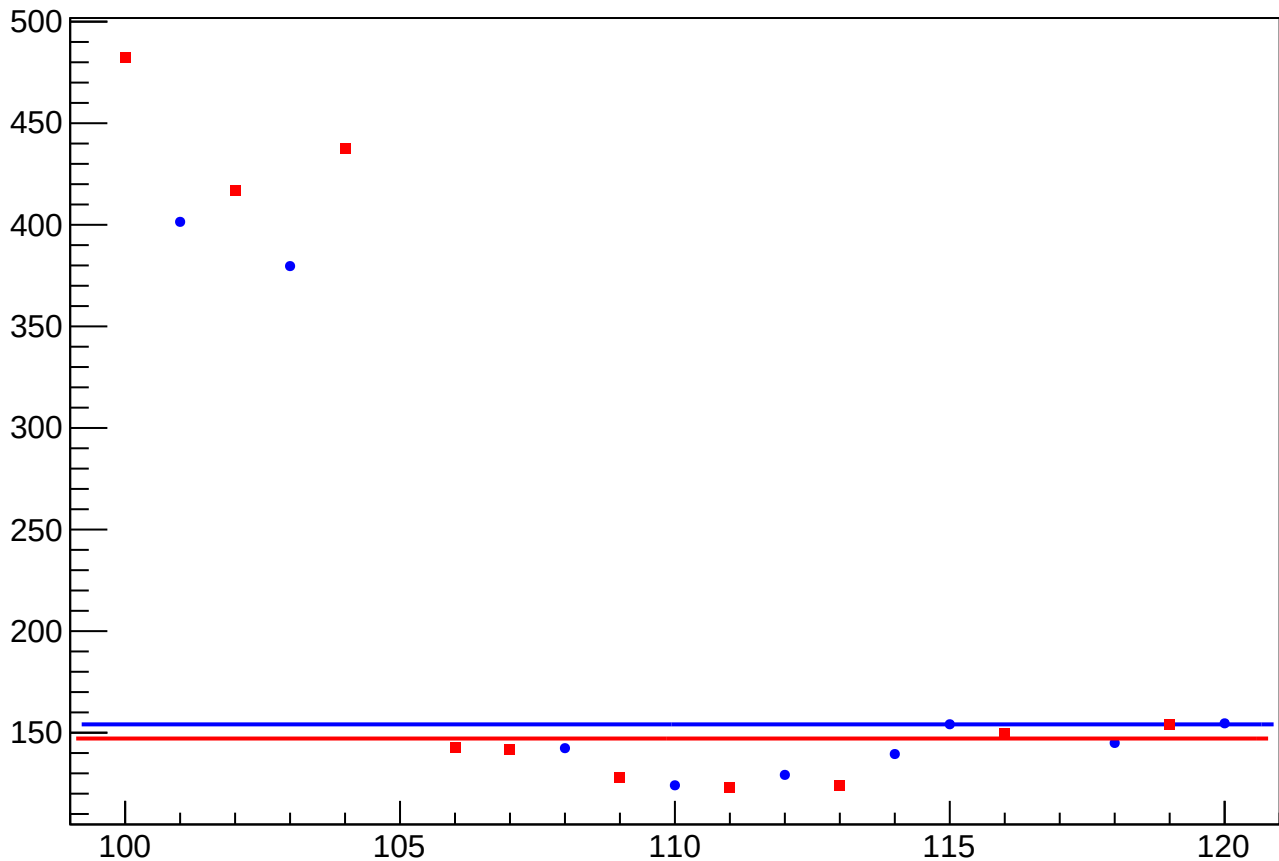
In: 155232.528+/-0.088 χ^2 /NDF: 181185654.0/8

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 155083.441+/-0.059 χ^2 /NDF: 451397307.0/1

yield_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 154.109+/-0.063 χ^2/NDF : 984262.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.142+/-0.056 χ^2/NDF : 1159373.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

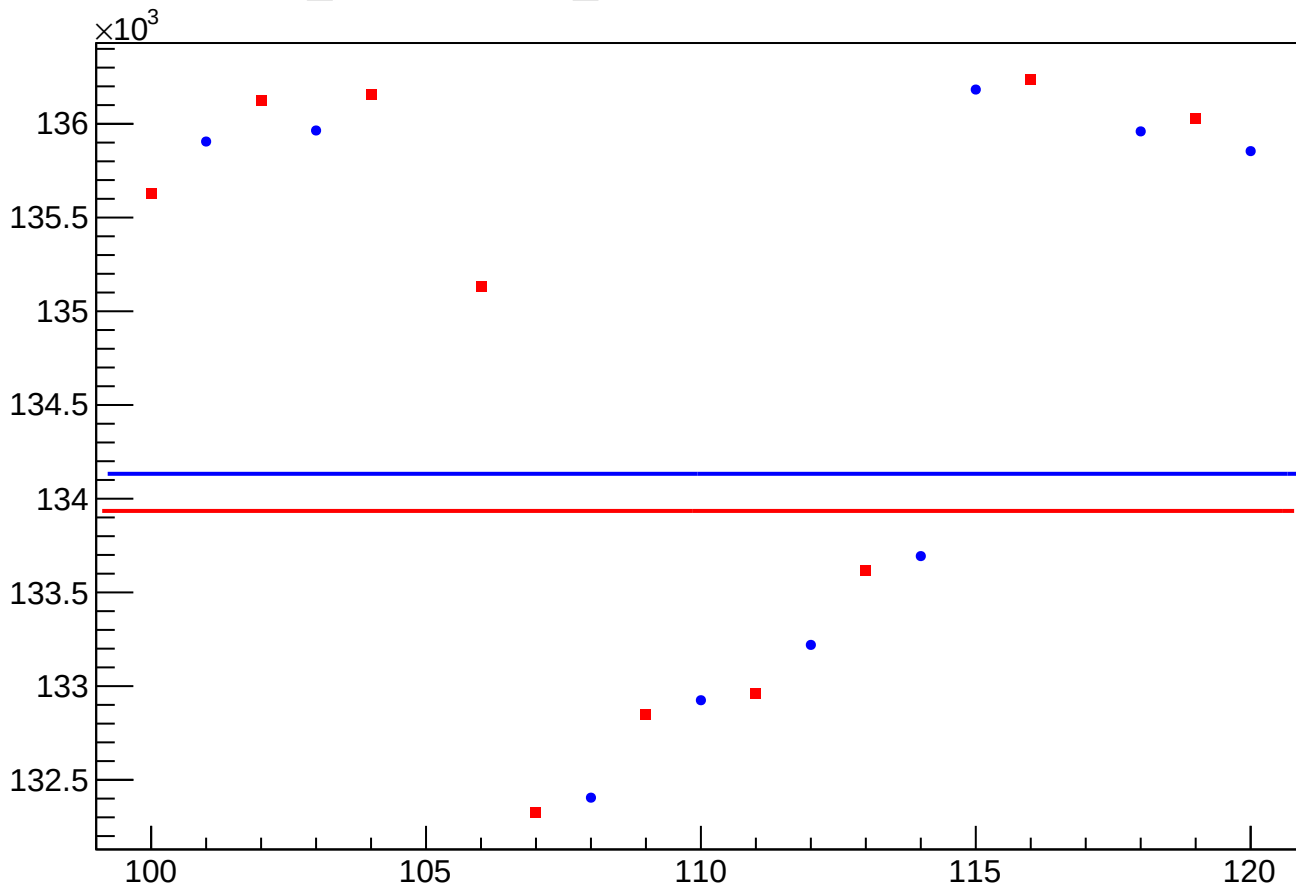
Right: 150.254+/-0.042 χ^2/NDF : 2150508.7/18

In: 154.109+/-0.063 χ^2/NDF : 984262.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.254+/-0.042 χ^2/NDF : 2150508.7/18

yield_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: 134132.844+/-0.067 χ^2/NDF : 481261426.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133934.760+/-0.062 χ^2/NDF : 498084086.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

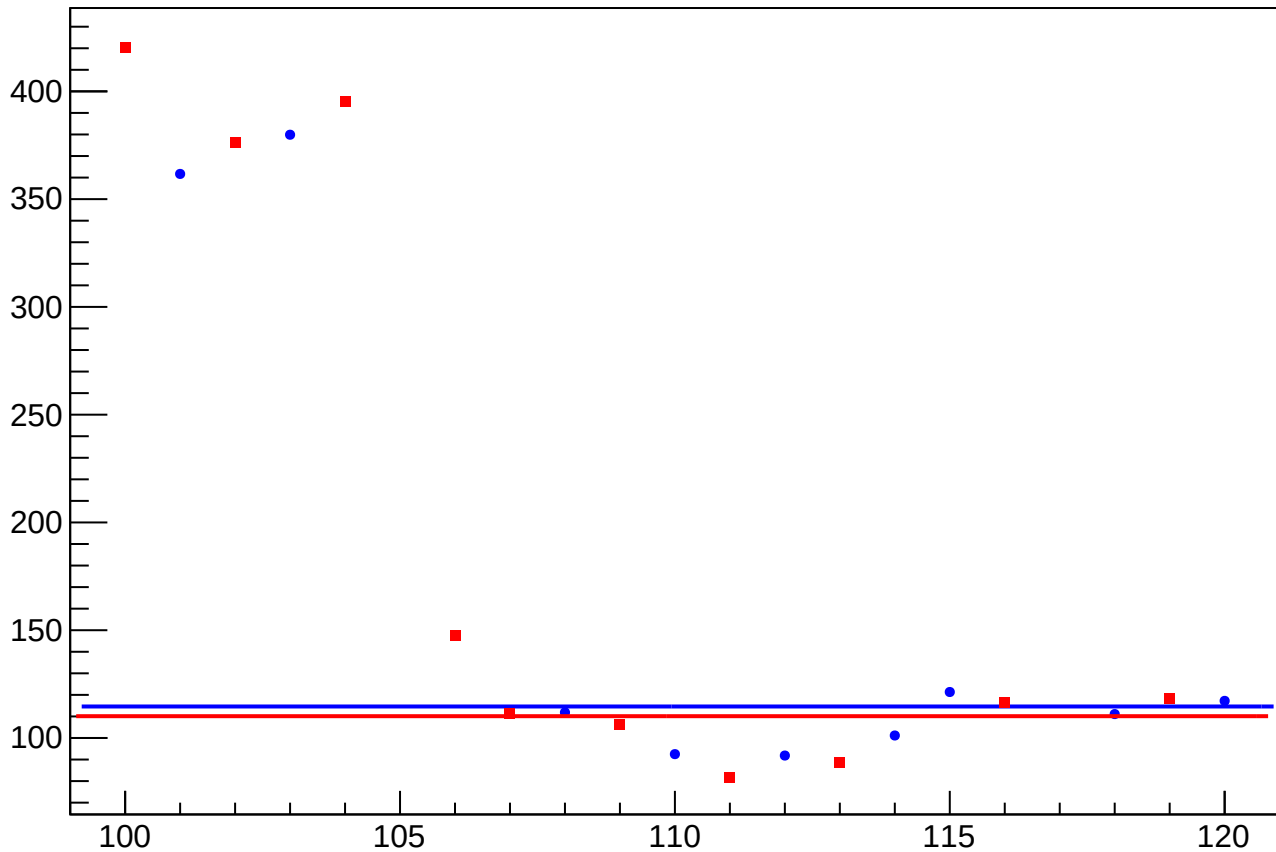
Right: 134025.283+/-0.046 χ^2/NDF : 984043682.3/1

In: 134132.844+/-0.067 χ^2/NDF : 481261426.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134025.283+/-0.046 χ^2/NDF : 984043682.3/1

yield_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 114.617 $\pm$ 0.048 χ^2 /NDF: 1302488.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 110.114 $\pm$ 0.044 χ^2 /NDF: 1461398.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

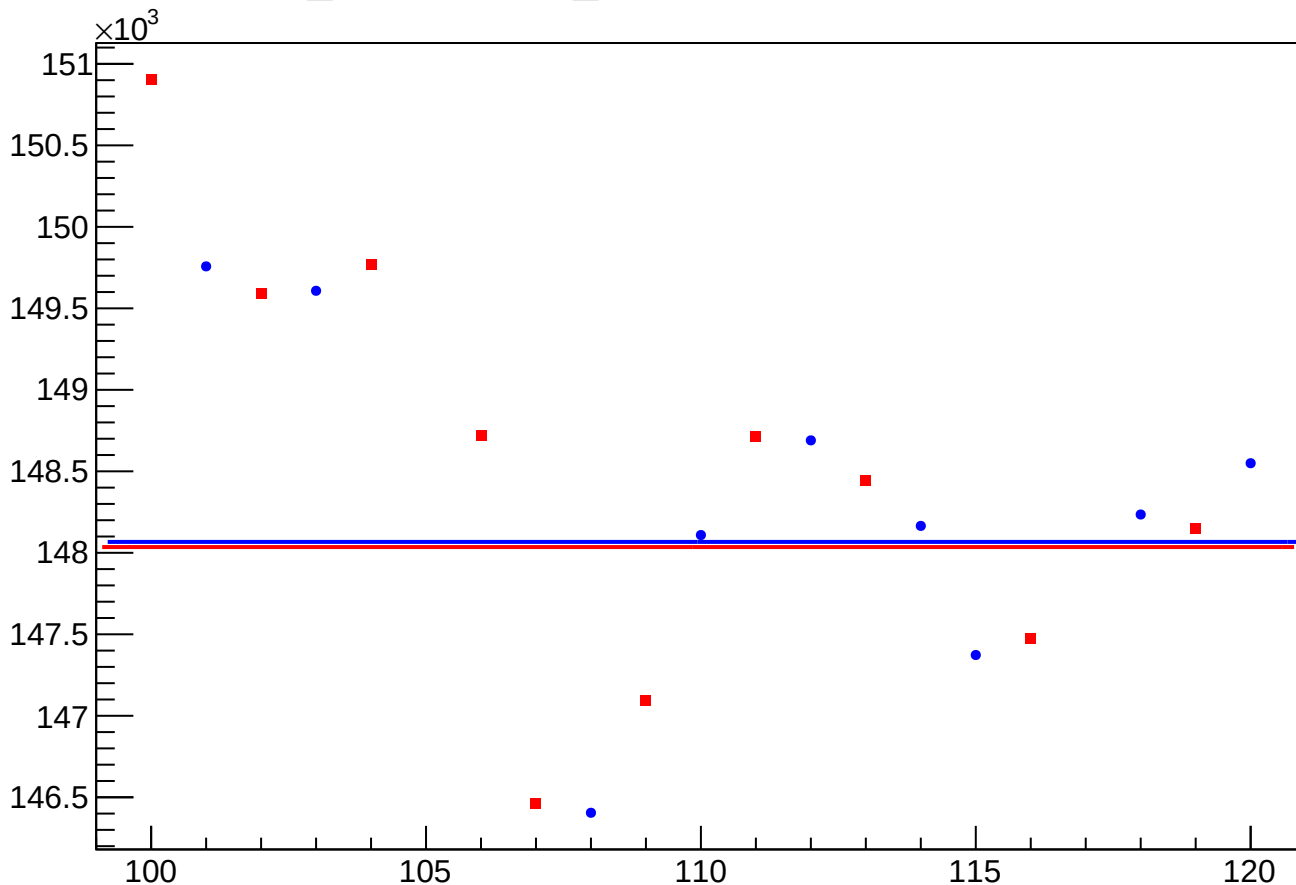
Right: 112.172 $\pm$ 0.032 χ^2 /NDF: 2768741.2/18

In: 114.617 $\pm$ 0.048 χ^2 /NDF:1302488.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 112.172 $\pm$ 0.032 χ^2 /NDF: 2768741.2/18

yield_bpm1i06WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 148066.855+/-0.083 χ^2 /NDF: 107947396.6/8

Right: 148049.573+/-0.056 χ^2 /NDF: 227442498.5/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 148035.360+/-0.076 χ^2 /NDF: 119416915.5/9

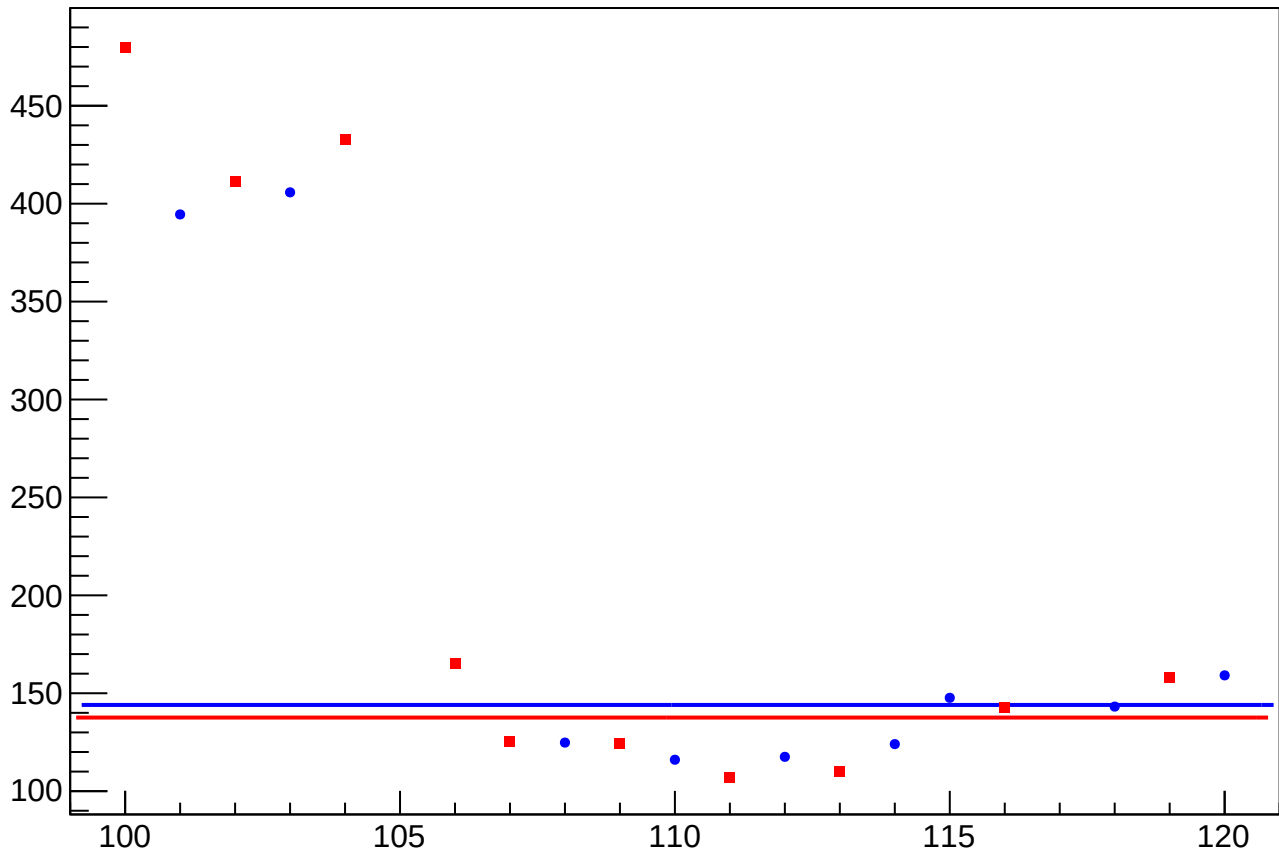
In: 148066.855+/-0.083 χ^2 /NDF: 107947396.6/8

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 148049.573+/-0.056 χ^2 /NDF: 227442498.5/1

yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 144.032 $\pm$ 0.059 χ^2 /NDF: 1143914.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 137.587 $\pm$ 0.054 χ^2 /NDF: 1307930.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

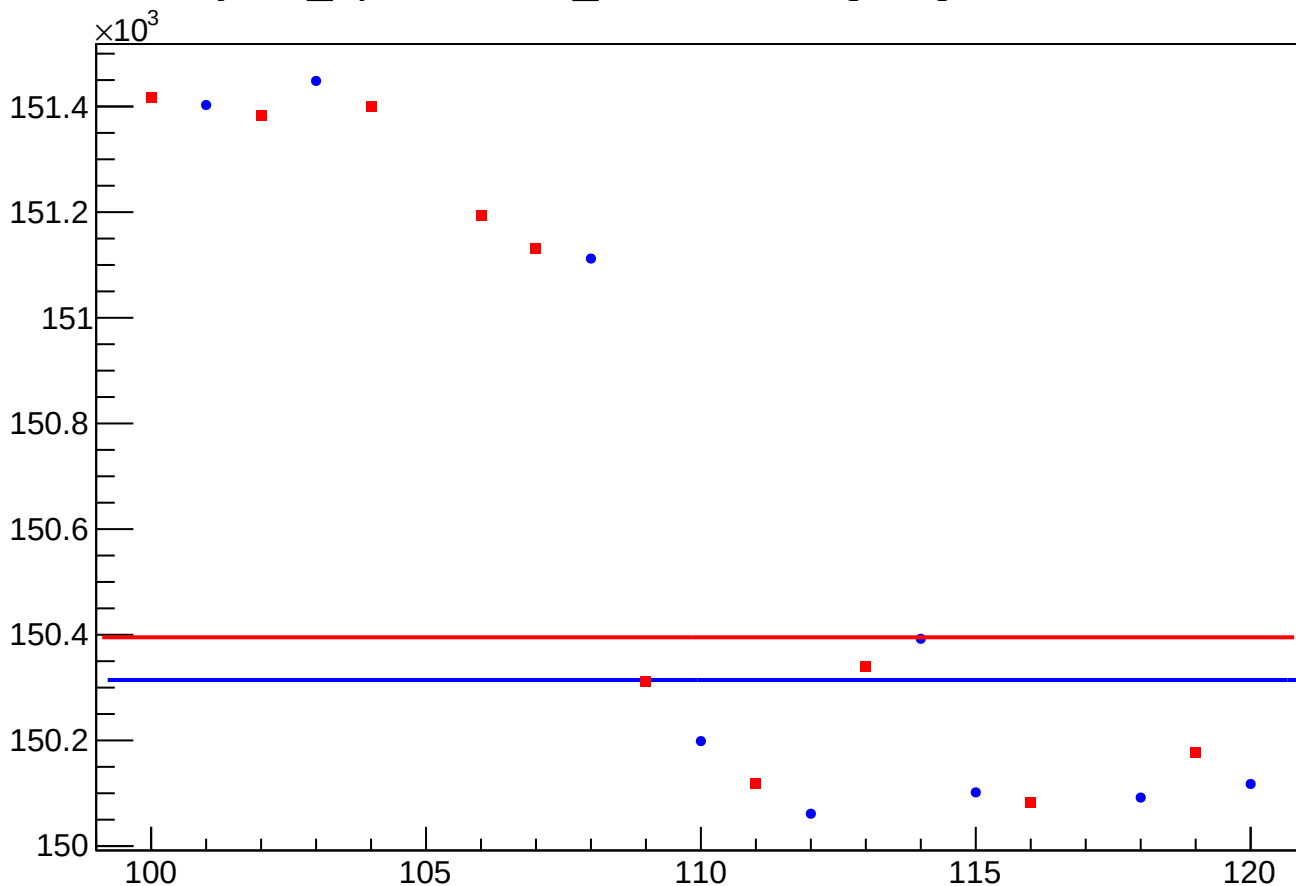
Right: 140.496 $\pm$ 0.040 χ^2 /NDF: 2458392.5/18

In: 144.032 $\pm$ 0.059 χ^2 /NDF:1143914.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 140.496 $\pm$ 0.040 χ^2 /NDF: 2458392.5/18

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 150358.734+/-0.048 χ^2 /NDF: 68720522.9/18

In: 150314.354+/-0.072 χ^2 /NDF: 33115455.7/8

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 150358.734+/-0.048 χ^2 /NDF: 68720522.9/18

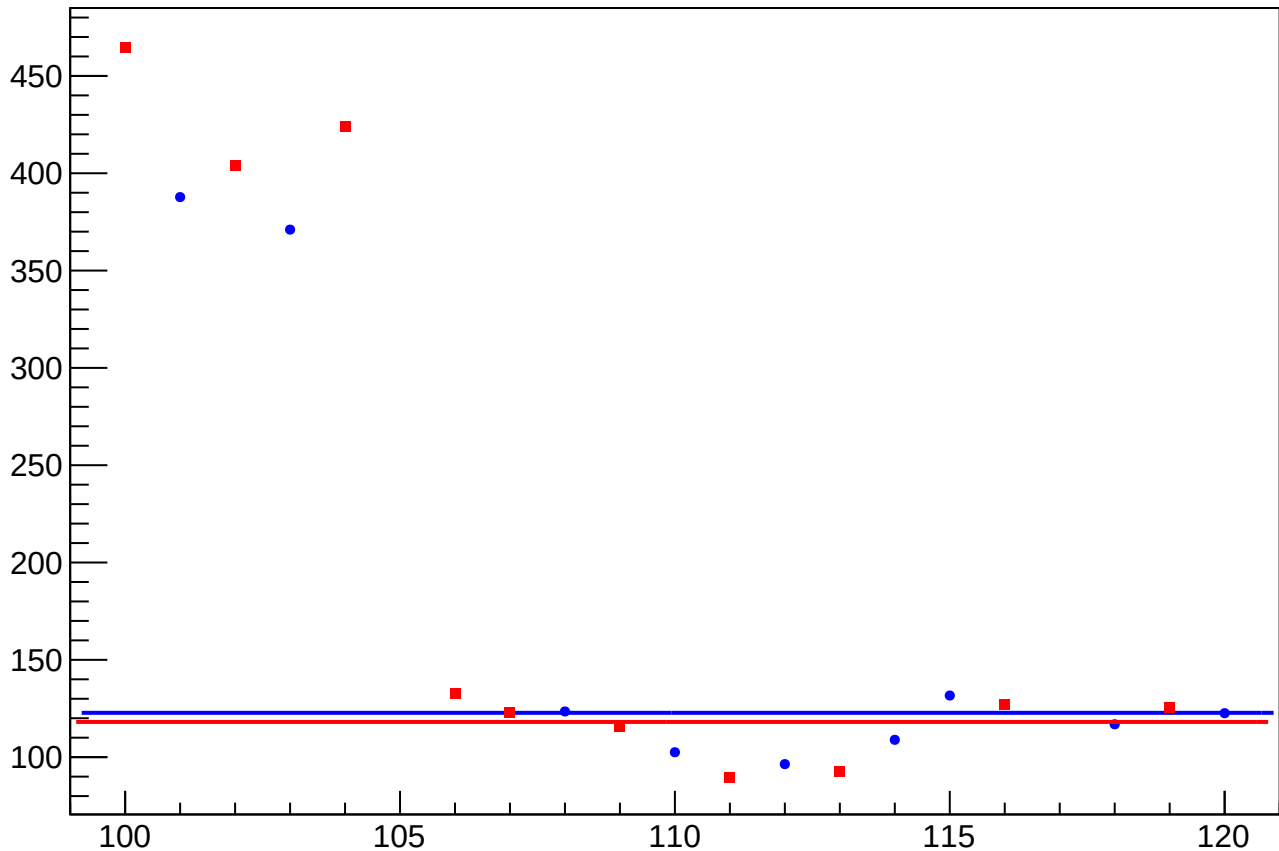
Right In: 150314.354+/-0.072 χ^2 /NDF: 33115455.7/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 150395.191+/-0.065 χ^2 /NDF: 34915326.4/9

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 122.779+/-0.051 χ^2/NDF : 1221503.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.093+/-0.046 χ^2/NDF : 1435052.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

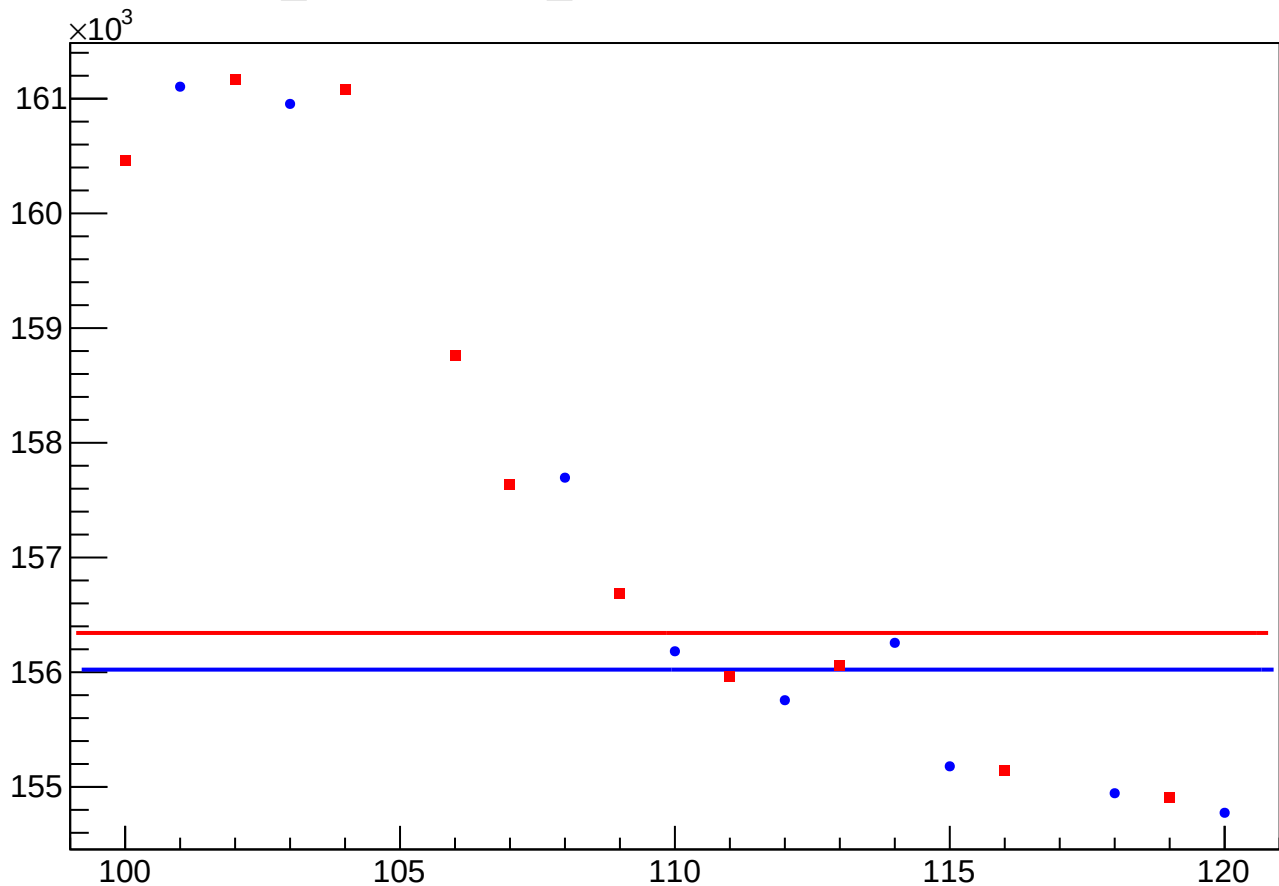
Right: 120.206+/-0.034 χ^2/NDF : 2661193.0/18

In: 122.779+/-0.051 χ^2/NDF : 1221503.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.206+/-0.034 χ^2/NDF : 2661193.0/18

yield_bpm2i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 156022.690+/-0.075 χ^2 /NDF: 342732988.7/8

Right: 156197.931+/-0.051 χ^2 /NDF: 731293853.8/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 156342.313+/-0.068 χ^2 /NDF: 378720005.8/9

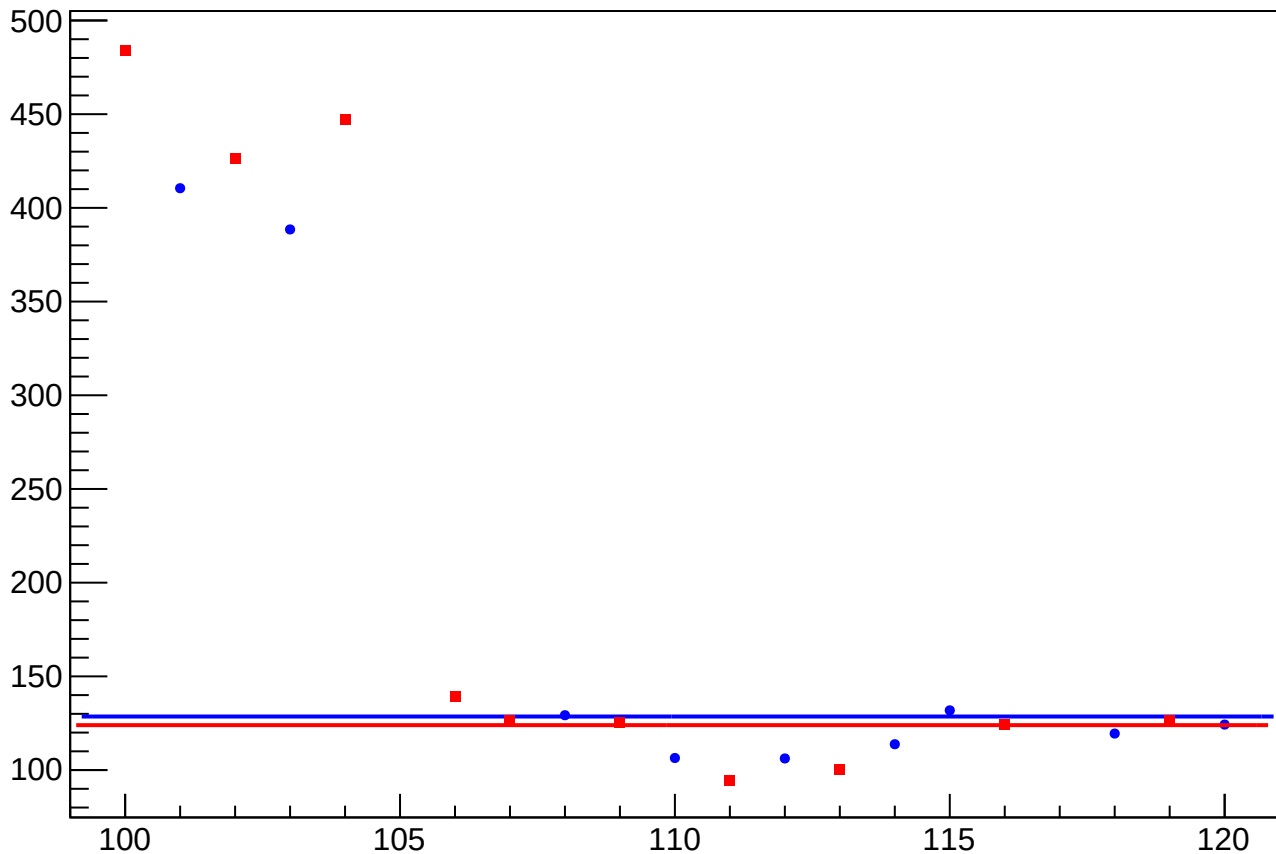
In: 156022.690+/-0.075 χ^2 /NDF: 342732988.7/8

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 156197.931+/-0.051 χ^2 /NDF: 731293853.8/1

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 128.577+/-0.053 χ^2/NDF : 1206223.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.970+/-0.048 χ^2/NDF : 1414135.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

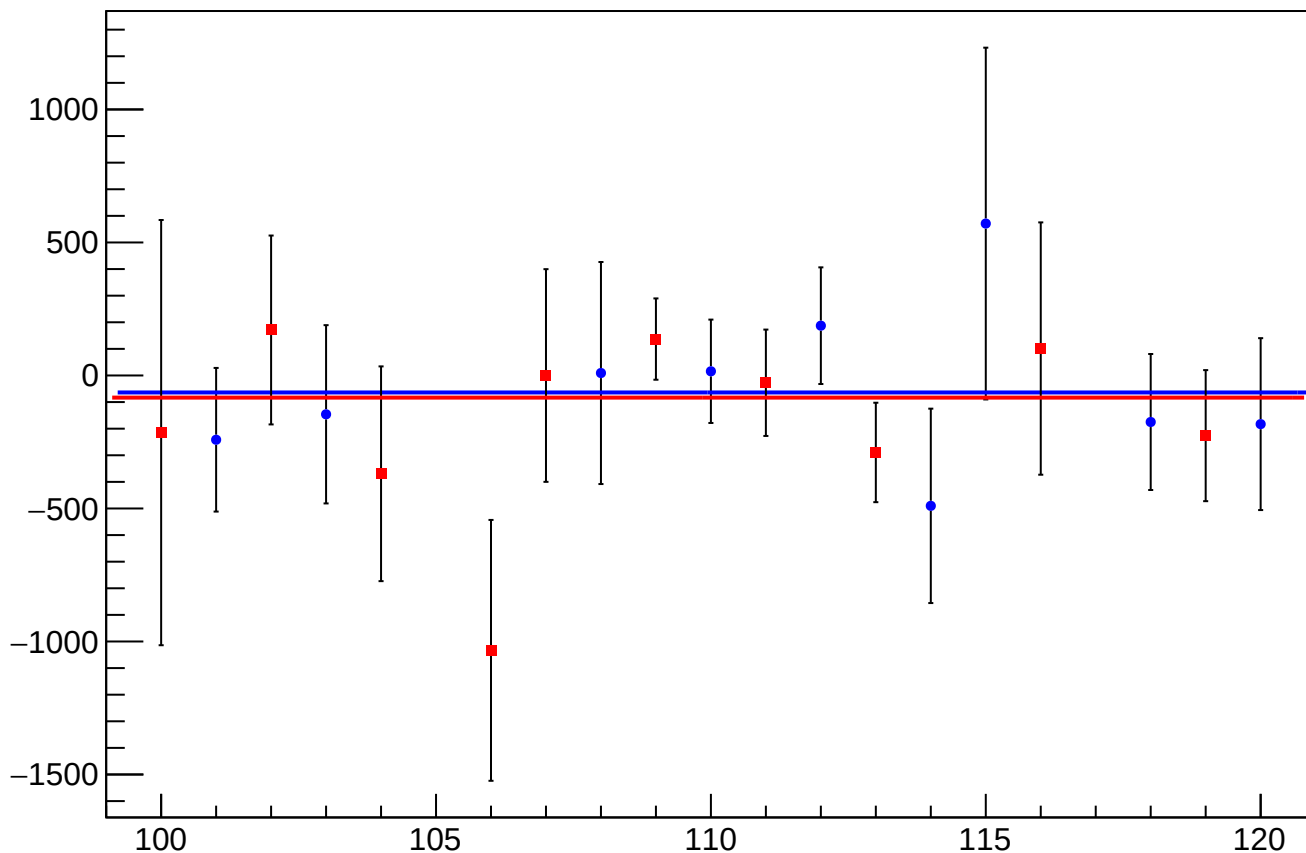
Right: 126.051+/-0.036 χ^2/NDF : 2624447.9/18

In: 128.577+/-0.053 χ^2/NDF : 1206223.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.051+/-0.036 χ^2/NDF : 2624447.9/18

asym_bcm_target_mean vs Slug, Sign Corrected



Right In: -63.876+/-95.208 χ^2/NDF : 4.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -83.216+/-83.496 χ^2/NDF : 8.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

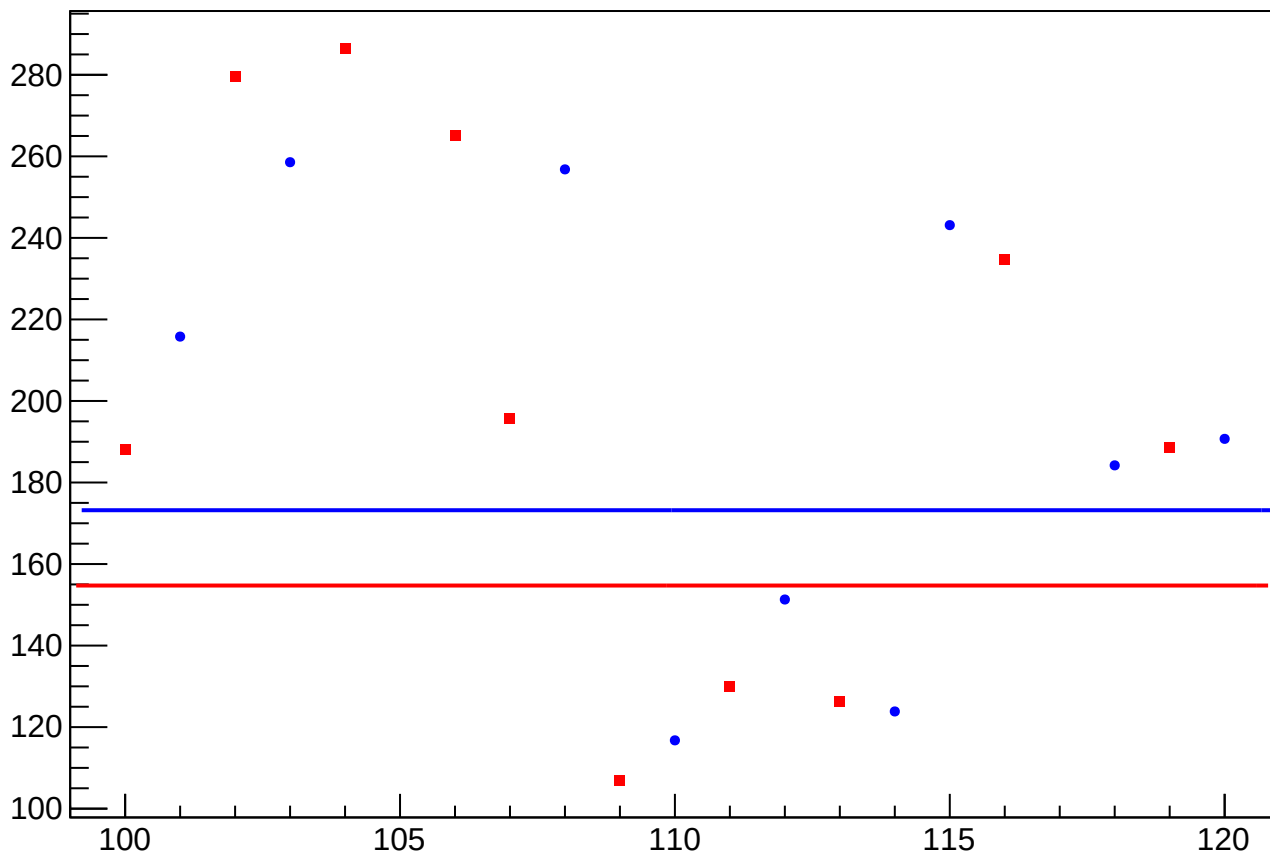
Right: -74.808+/-62.775 χ^2/NDF : 13.3/18

In: -63.876+/-95.208 χ^2/NDF : 4.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -74.808+/-62.775 χ^2/NDF : 13.3/18

asym_bcm_target_rms vs Slug, Sign Corrected



Right In: 173.202+/-0.067 χ^2/NDF : 517044.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 154.729+/-0.059 χ^2/NDF : 953756.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

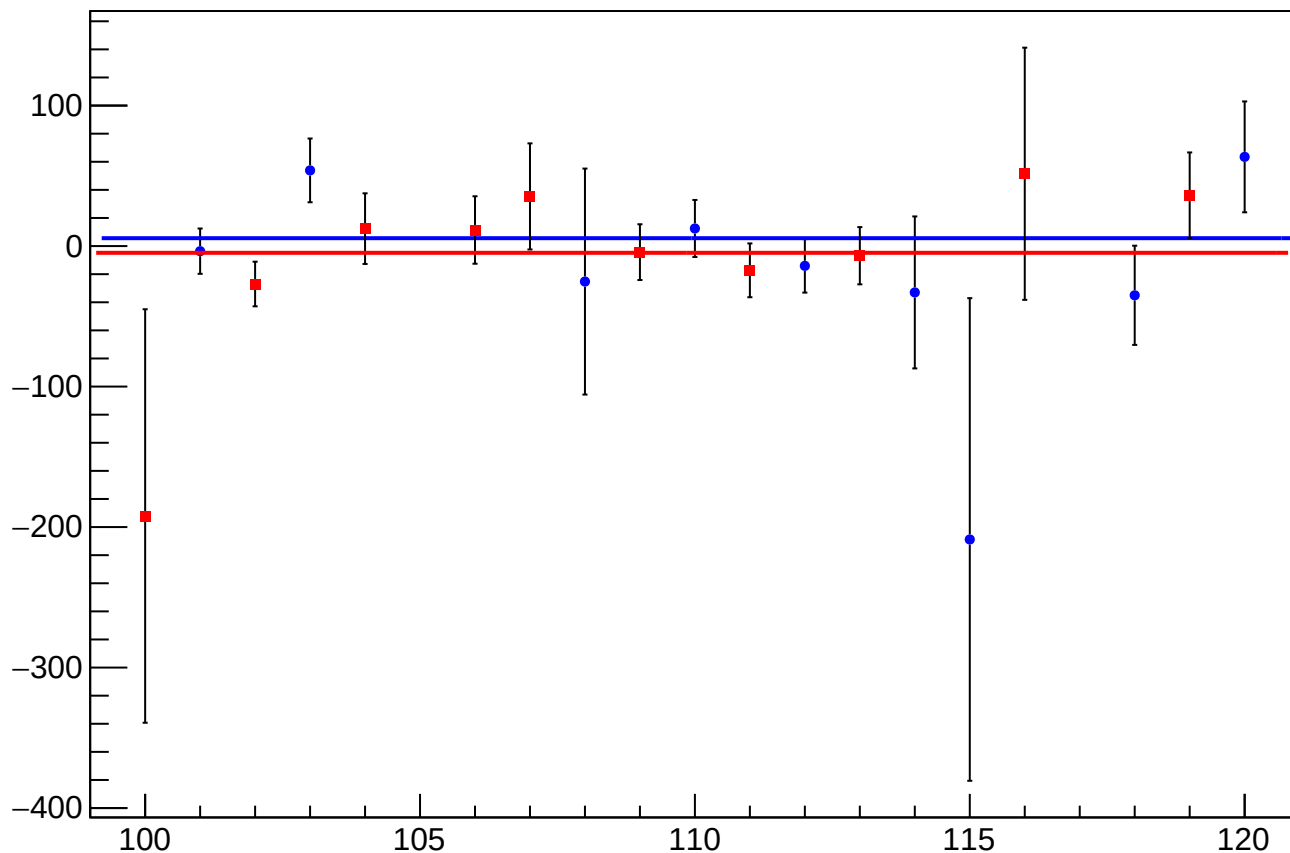
Right: 162.760+/-0.044 χ^2/NDF : 1513362.9/18

In: 173.202+/-0.067 χ^2/NDF :517044.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 162.760+/-0.044 χ^2/NDF : 1513362.9/18

asym_bcm_an_diff_mean vs Slug, Sign Corrected



Right In: 5.613+/-8.786 χ^2/NDF : 11.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.788+/-7.691 χ^2/NDF : 8.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

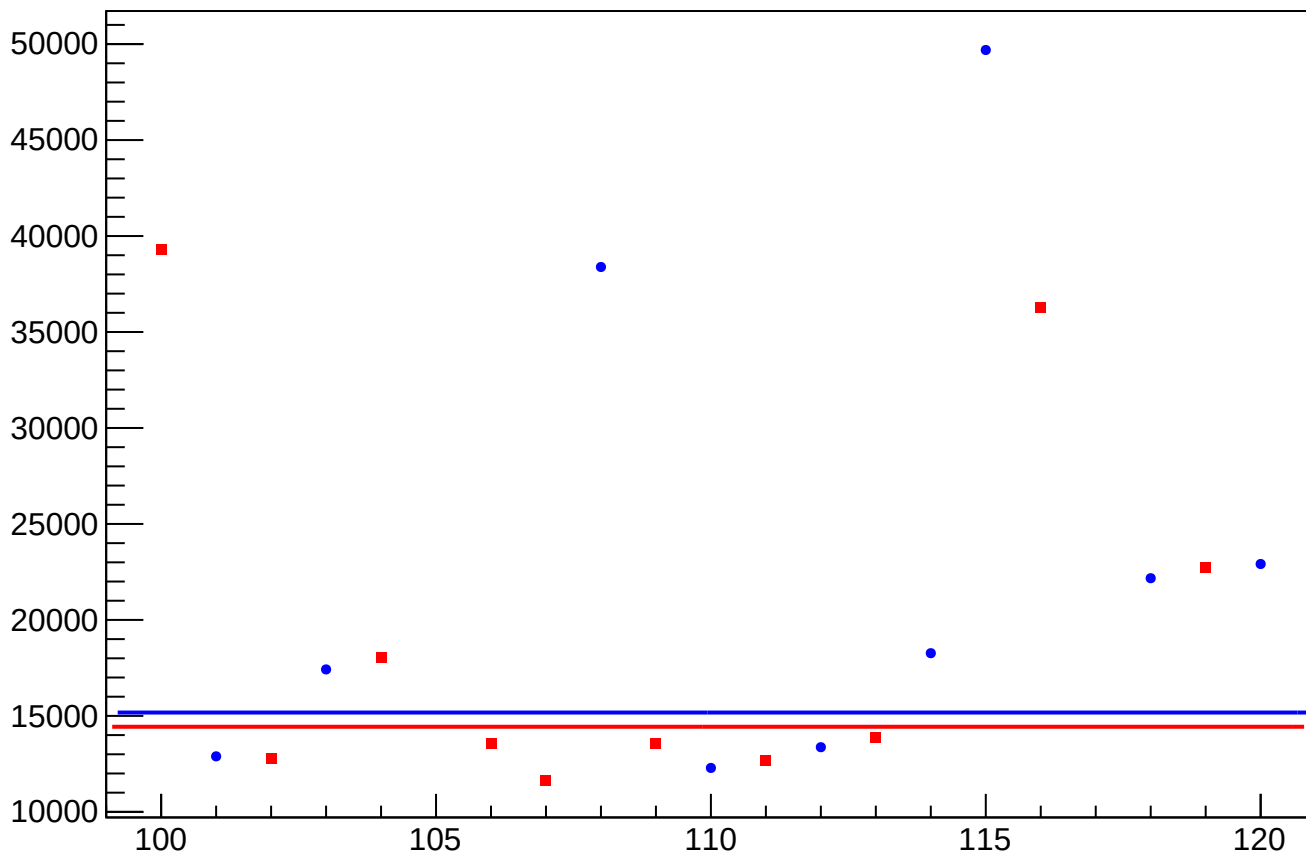
Right: -0.276+/-5.787 χ^2/NDF : 20.8/18

In: 5.613+/-8.786 χ^2/NDF : 11.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.276+/-5.787 χ^2/NDF : 20.8/18

asym_bcm_an_diff_rms vs Slug, Sign Corrected



Right In: 15175.019+/-6.213 χ^2/NDF : 527573.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14434.265+/-5.438 χ^2/NDF : 423612.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

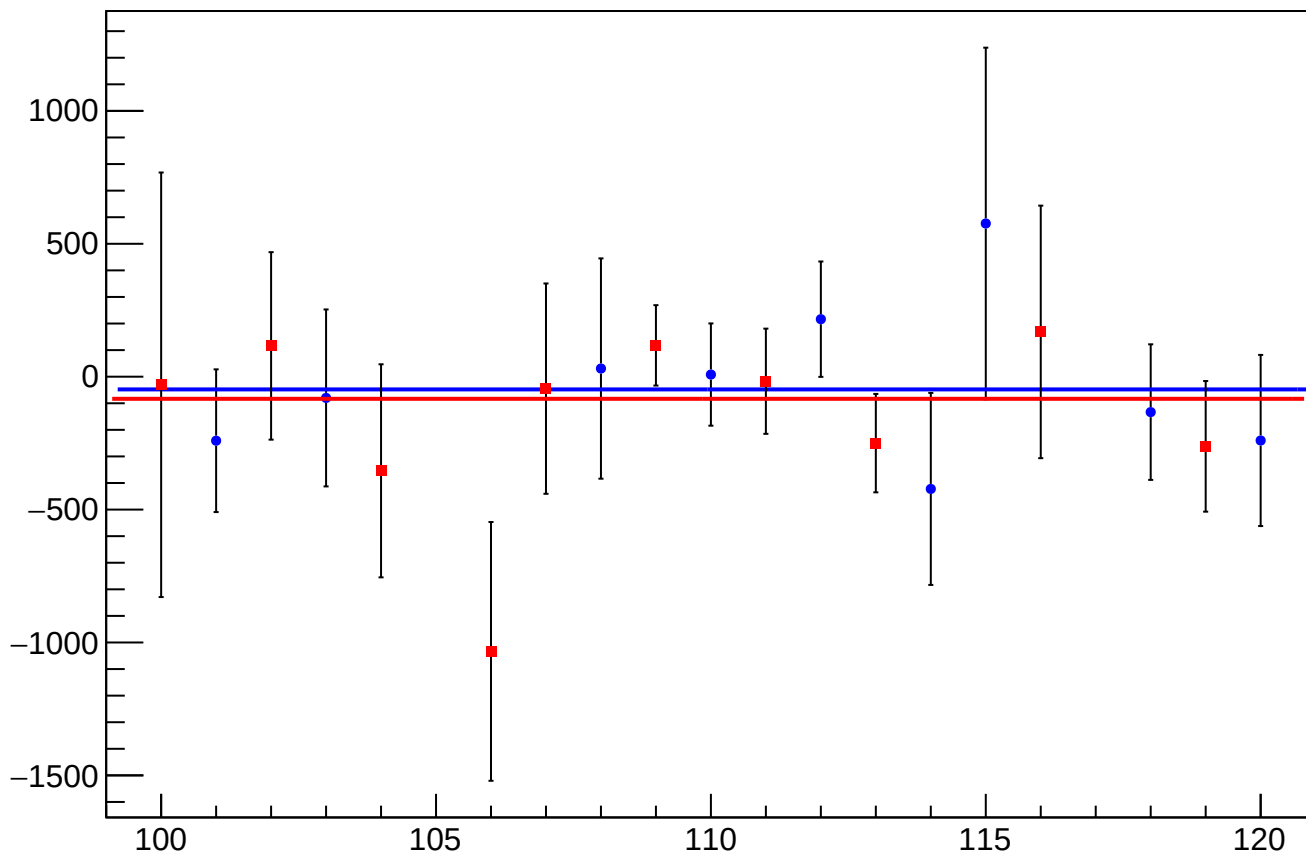
Right: 14755.596+/-4.092 χ^2/NDF : 959234.4/18

In: 15175.019+/-6.213 χ^2/NDF : 527573.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14755.596+/-4.092 χ^2/NDF : 959234.4/18

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: -47.851+/-94.515 χ^2/NDF : 4.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -83.237+/-82.801 χ^2/NDF : 8.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

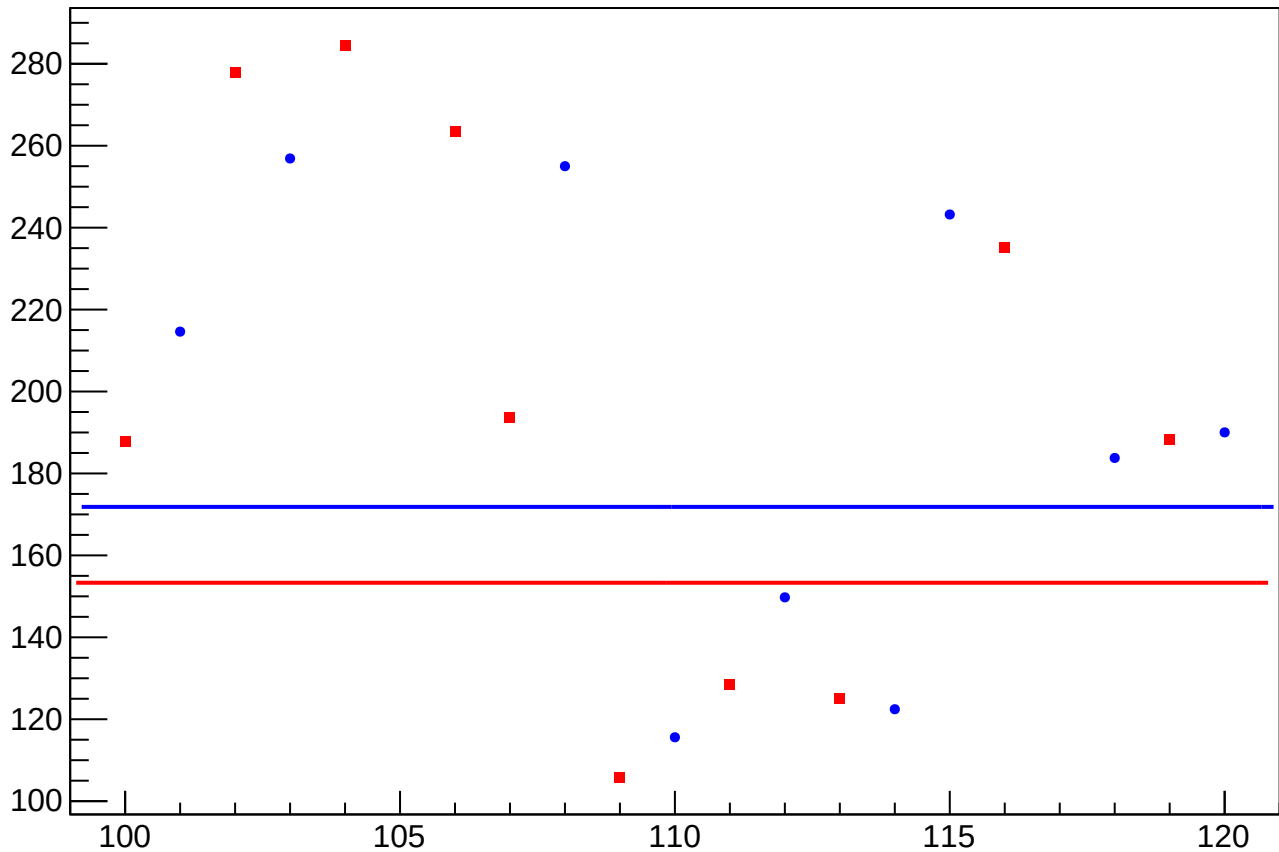
Right: -67.872+/-62.281 χ^2/NDF : 12.7/18

In: -47.851+/-94.515 χ^2/NDF :4.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -67.872+/-62.281 χ^2/NDF : 12.7/18

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 171.837+/-0.067 χ^2/NDF : 525000.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.320+/-0.059 χ^2/NDF : 964366.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

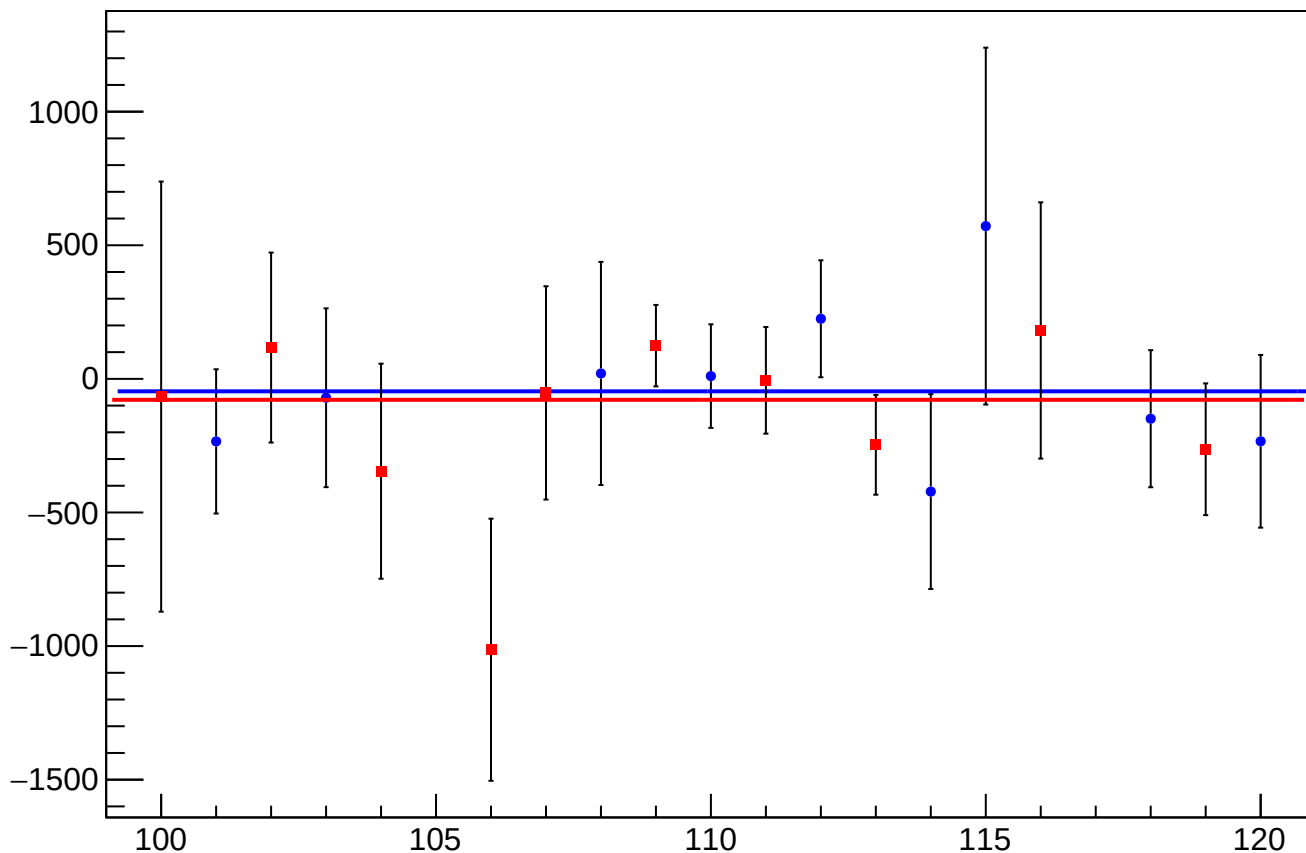
Right: 161.361+/-0.044 χ^2/NDF : 1532798.6/18

In: 171.837+/-0.067 χ^2/NDF : 525000.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.361+/-0.044 χ^2/NDF : 1532798.6/18

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: -46.611 ± 95.164 χ^2/NDF : 4.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -78.345 ± 83.412 χ^2/NDF : 8.0/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

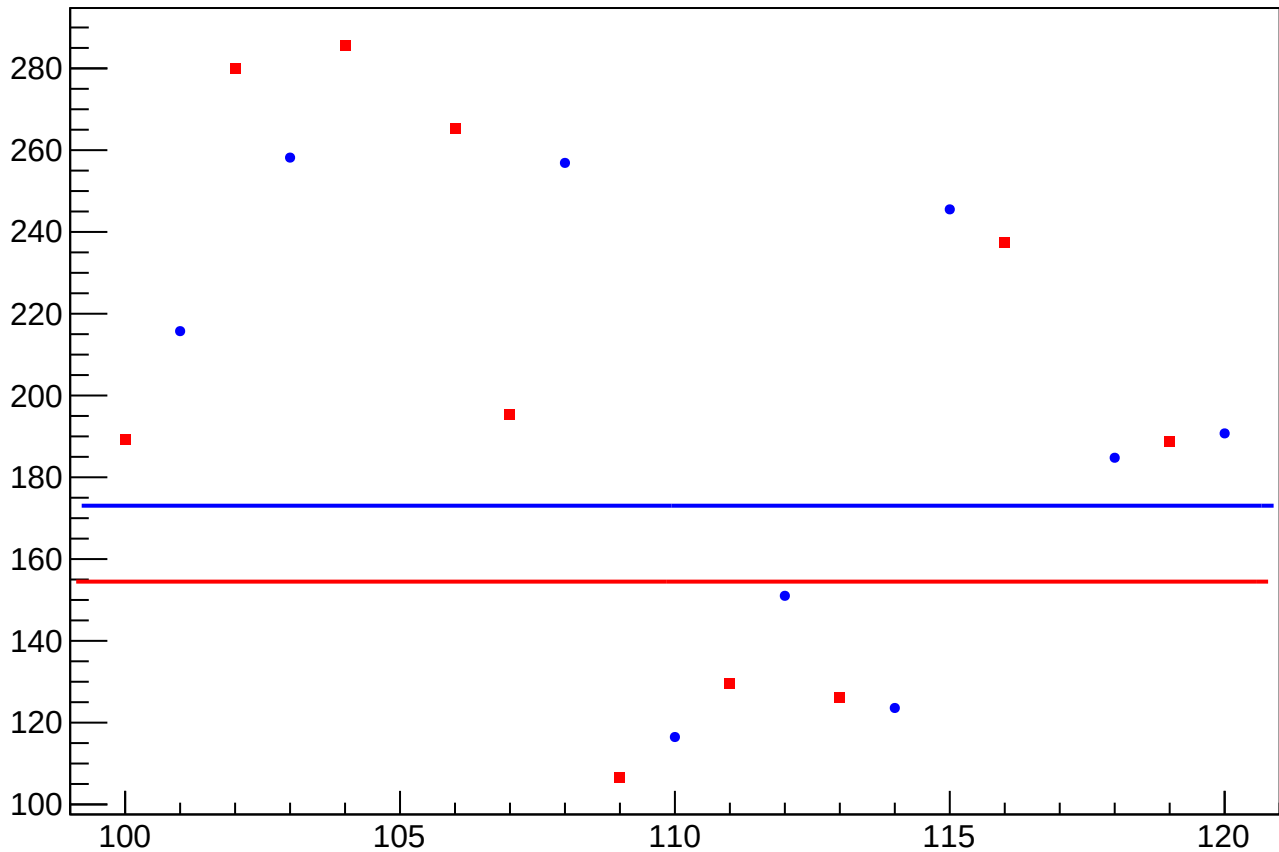
Right: -64.558 ± 62.727 χ^2/NDF : 12.6/18

In: -46.611 ± 95.164 χ^2/NDF : 4.5/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -64.558 ± 62.727 χ^2/NDF : 12.6/18

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 173.052+/-0.067 χ^2/NDF : 521237.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 154.486+/-0.059 χ^2/NDF : 960746.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

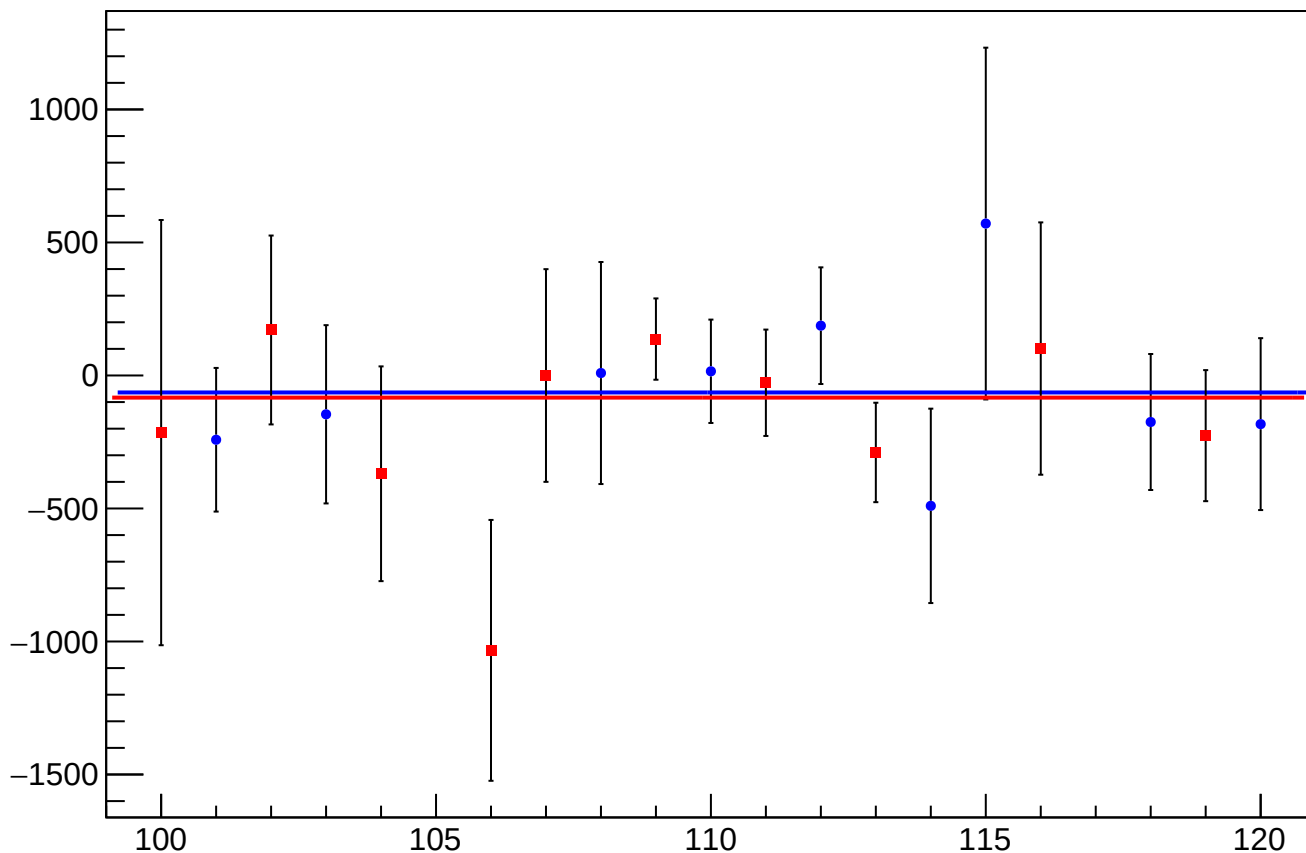
Right: 162.552+/-0.044 χ^2/NDF : 1525034.8/18

In: 173.052+/-0.067 χ^2/NDF :521237.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 162.552+/-0.044 χ^2/NDF : 1525034.8/18

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: -63.876+/-95.208 χ^2/NDF : 4.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -83.216+/-83.496 χ^2/NDF : 8.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

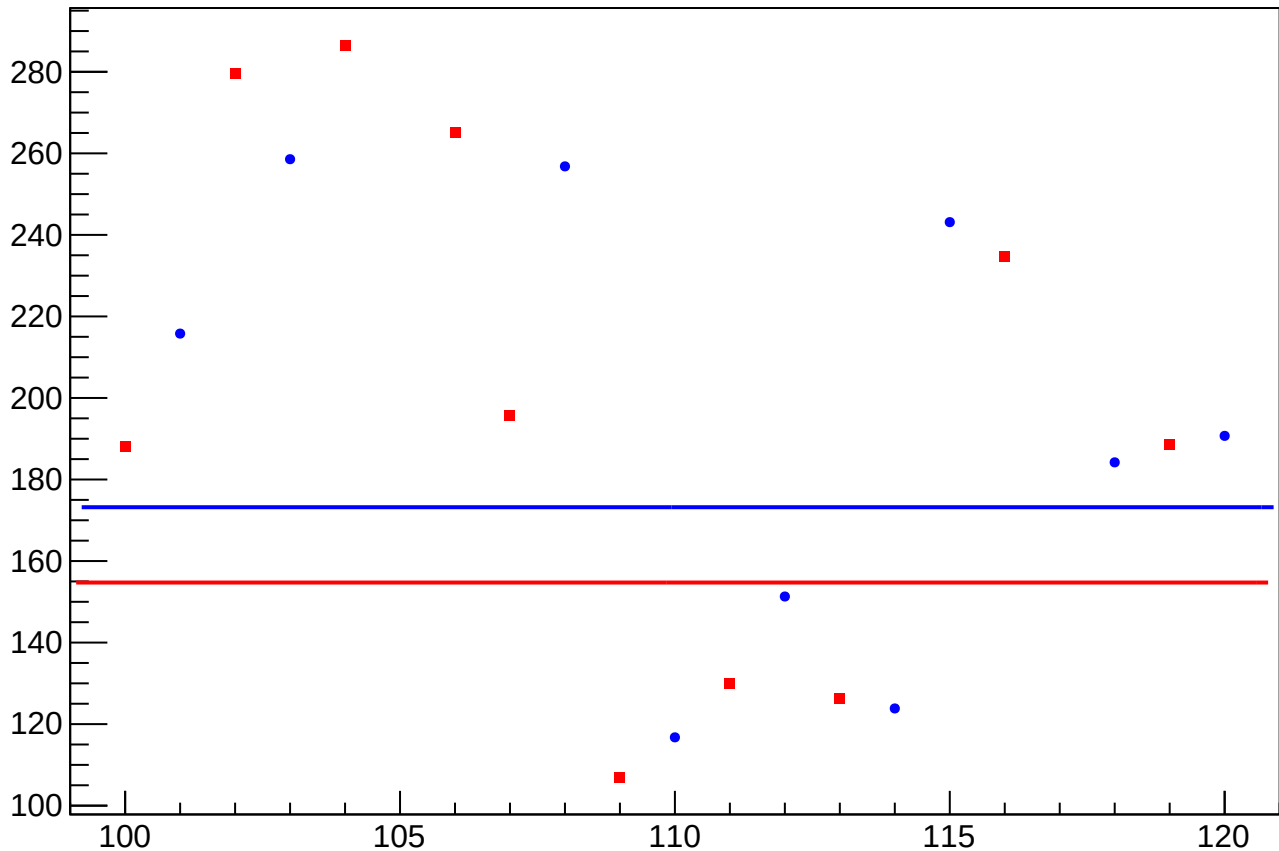
Right: -74.808+/-62.775 χ^2/NDF : 13.3/18

In: -63.876+/-95.208 χ^2/NDF :4.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -74.808+/-62.775 χ^2/NDF : 13.3/18

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 173.202+/-0.067 χ^2/NDF : 517044.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.729+/-0.059 χ^2/NDF : 953756.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

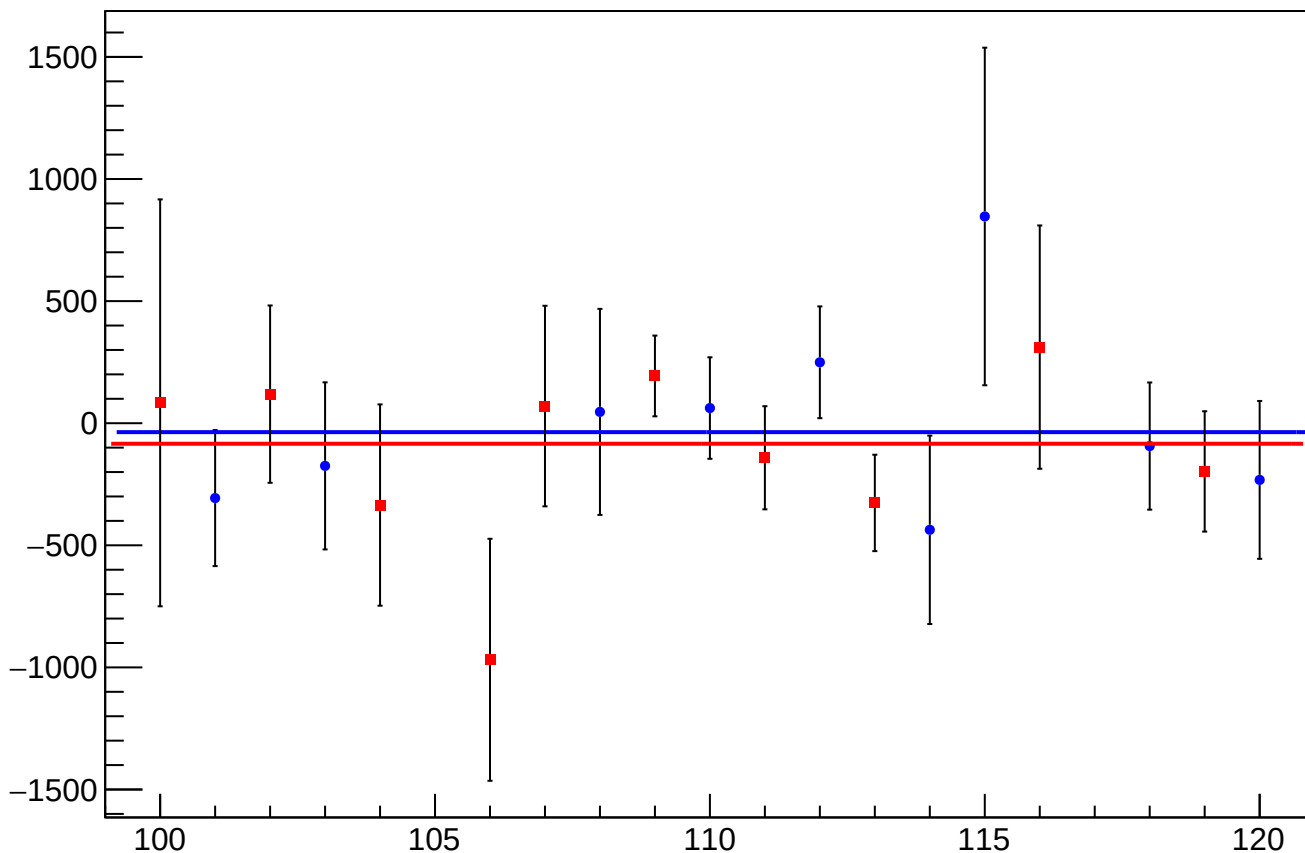
Right: 162.760+/-0.044 χ^2/NDF : 1513362.9/18

In: 173.202+/-0.067 χ^2/NDF : 517044.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.760+/-0.044 χ^2/NDF : 1513362.9/18

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: -36.578 ± 98.808 χ^2/NDF : 6.1/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -84.110 ± 87.683 χ^2/NDF : 9.3/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

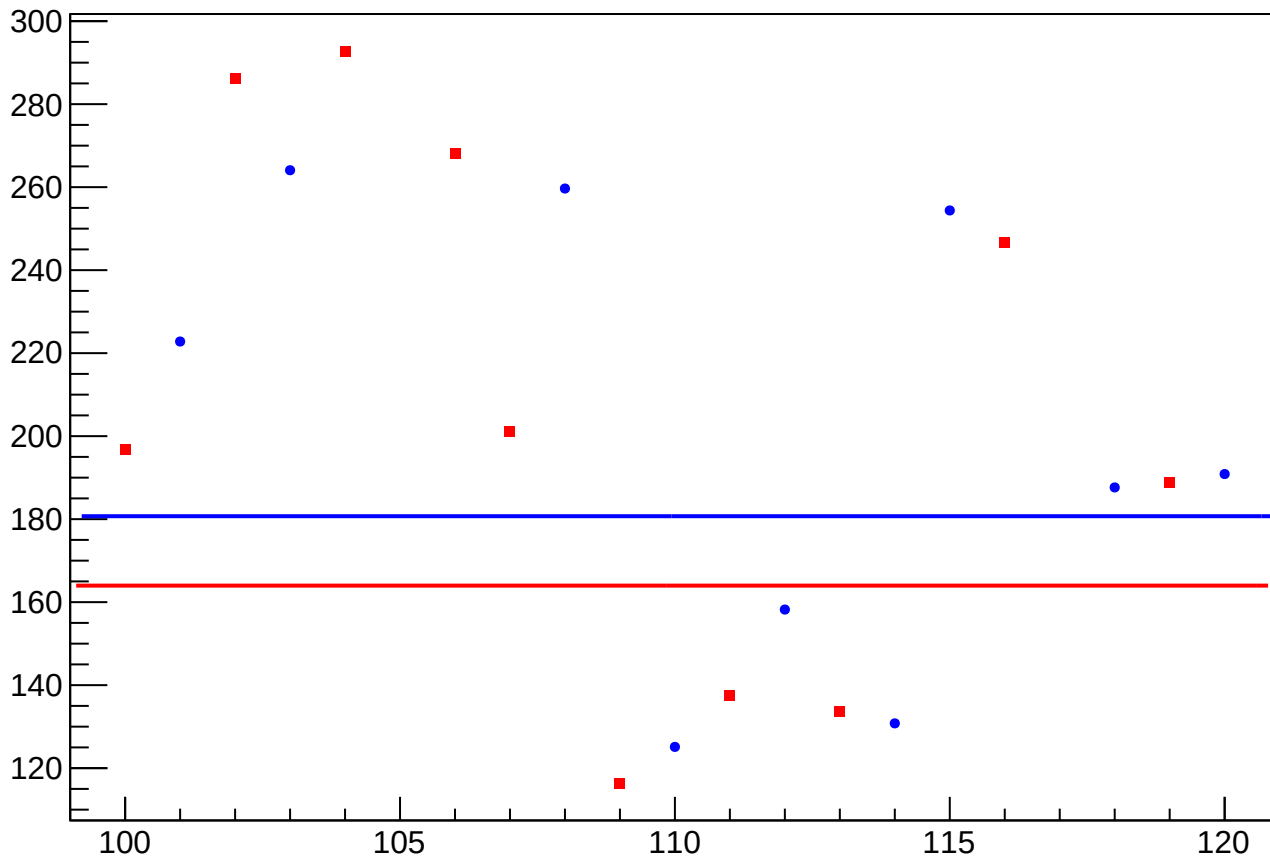
Right: -63.169 ± 65.583 χ^2/NDF : 15.5/18

In: -36.578 ± 98.808 χ^2/NDF : 6.1/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -63.169 ± 65.583 χ^2/NDF : 15.5/18

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 180.710+/-0.070 χ^2/NDF : 456532.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 163.983+/-0.062 χ^2/NDF : 849337.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

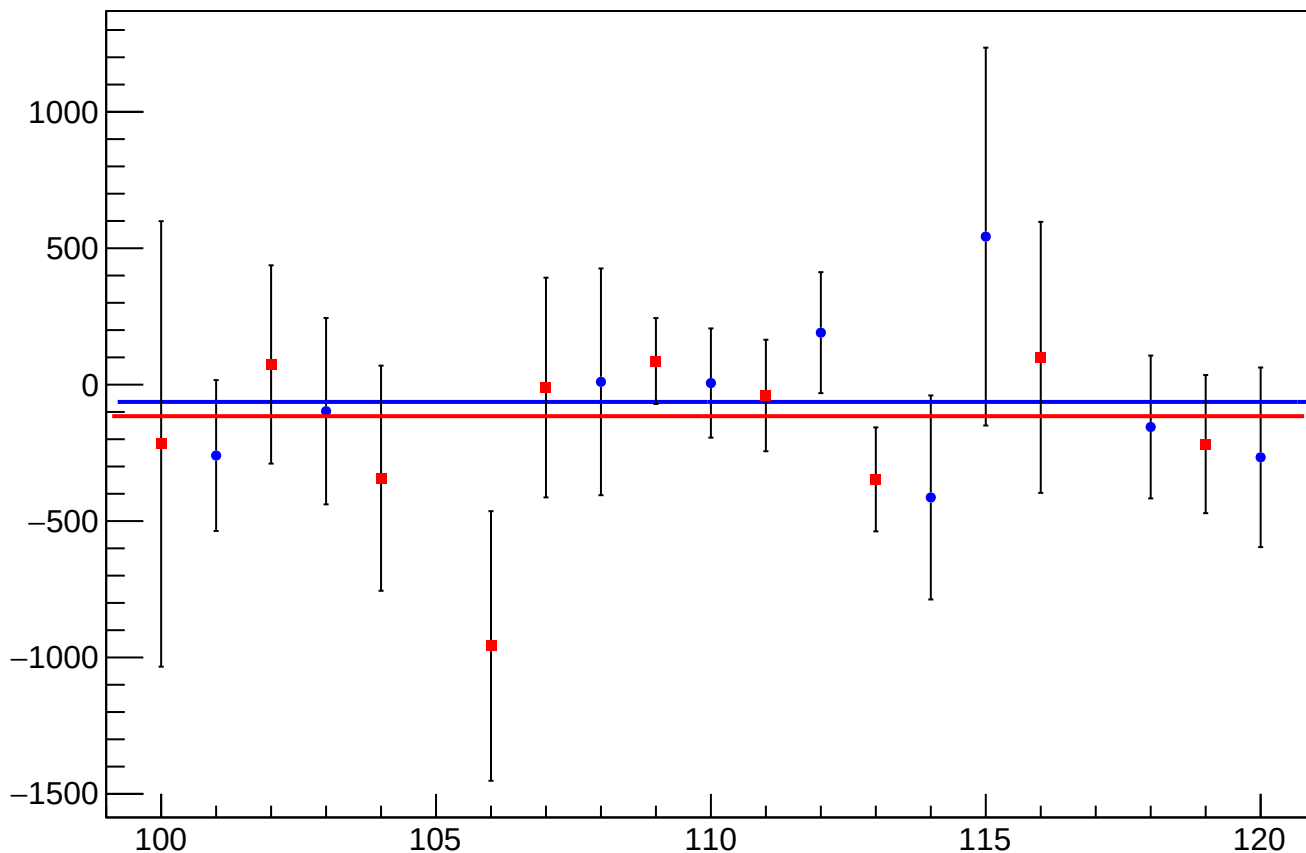
Right: 171.352+/-0.046 χ^2/NDF : 1337932.3/18

In: 180.710+/-0.070 χ^2/NDF : 456532.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.352+/-0.046 χ^2/NDF : 1337932.3/18

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: -63.283+/-97.238 χ^2/NDF : 4.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -115.531+/-85.546 χ^2/NDF : 7.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

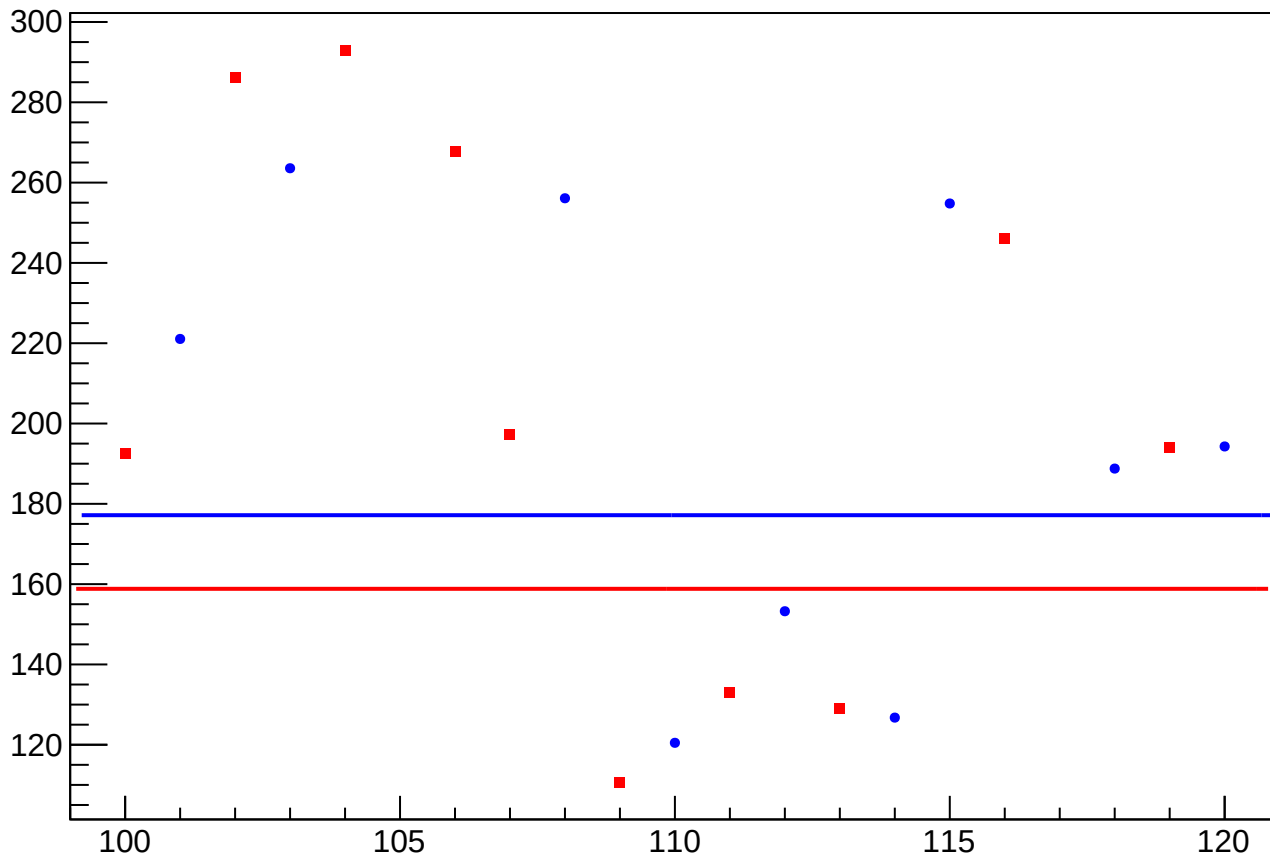
Right: -92.736+/-64.228 χ^2/NDF : 11.5/18

In: -63.283+/-97.238 χ^2/NDF :4.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -92.736+/-64.228 χ^2/NDF : 11.5/18

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 177.170+/-0.069 χ^2/NDF : 504928.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.836+/-0.060 χ^2/NDF : 944407.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

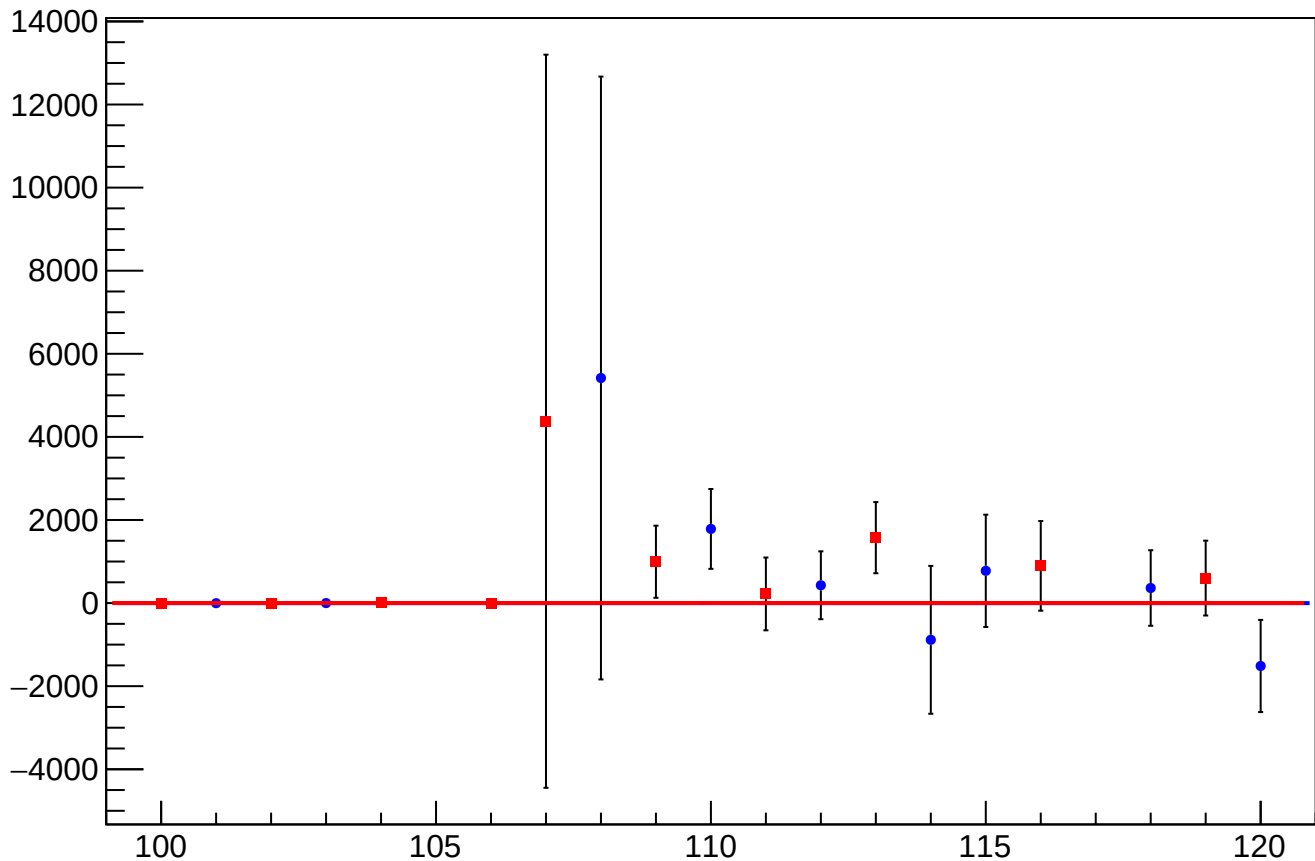
Right: 166.835+/-0.045 χ^2/NDF : 1489417.5/18

In: 177.170+/-0.069 χ^2/NDF : 504928.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.835+/-0.045 χ^2/NDF : 1489417.5/18

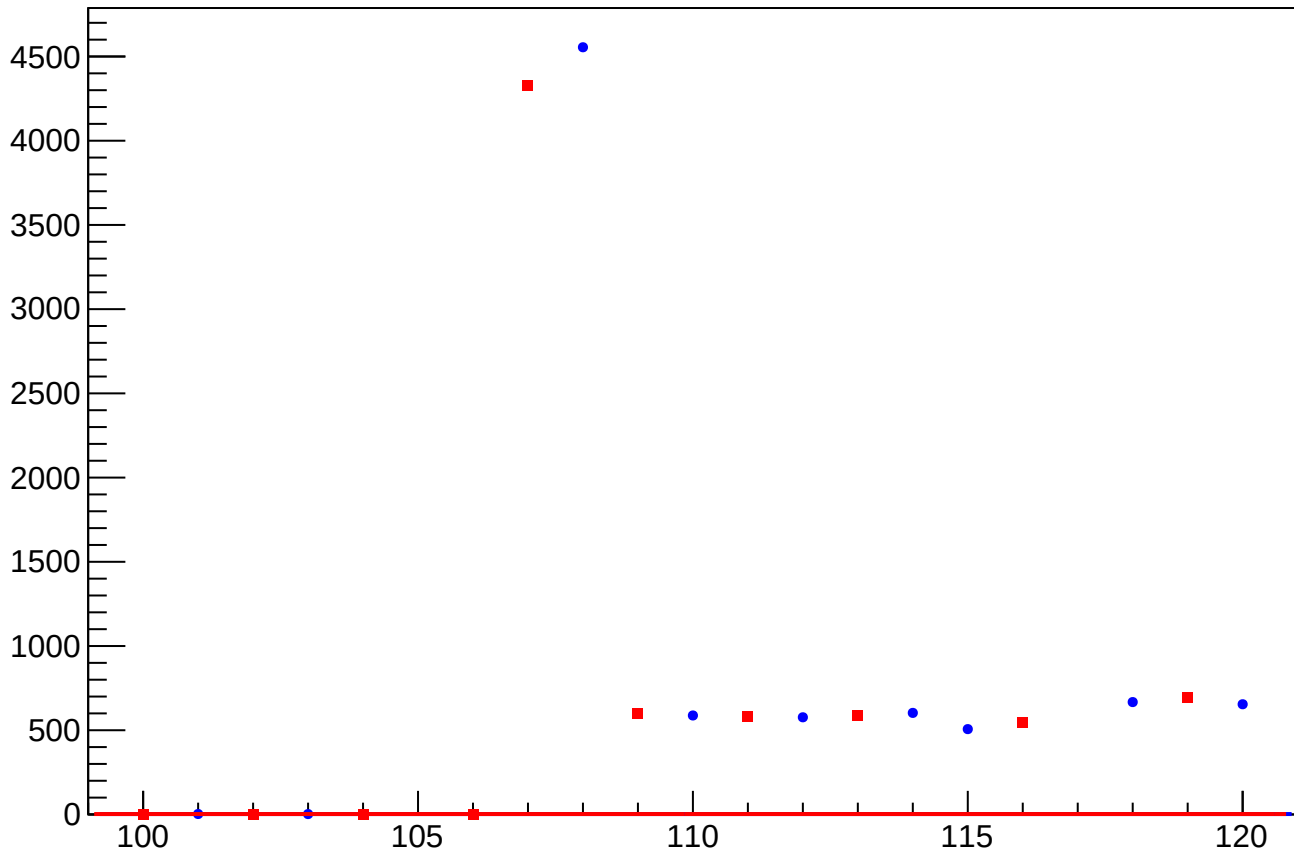
asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.209+/-2.171 χ^2/NDF : 7.3/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 1.384+/-2.022 χ^2/NDF : 11.3/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.179+/-1.480 χ^2/NDF : 19.4/18
 In: -1.209+/-2.171 χ^2/NDF : 7.3/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.179+/-1.480 χ^2/NDF : 19.4/18

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.446+/-0.002 χ^2/NDF : 4798523.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.438+/-0.001 χ^2/NDF : 4945127.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

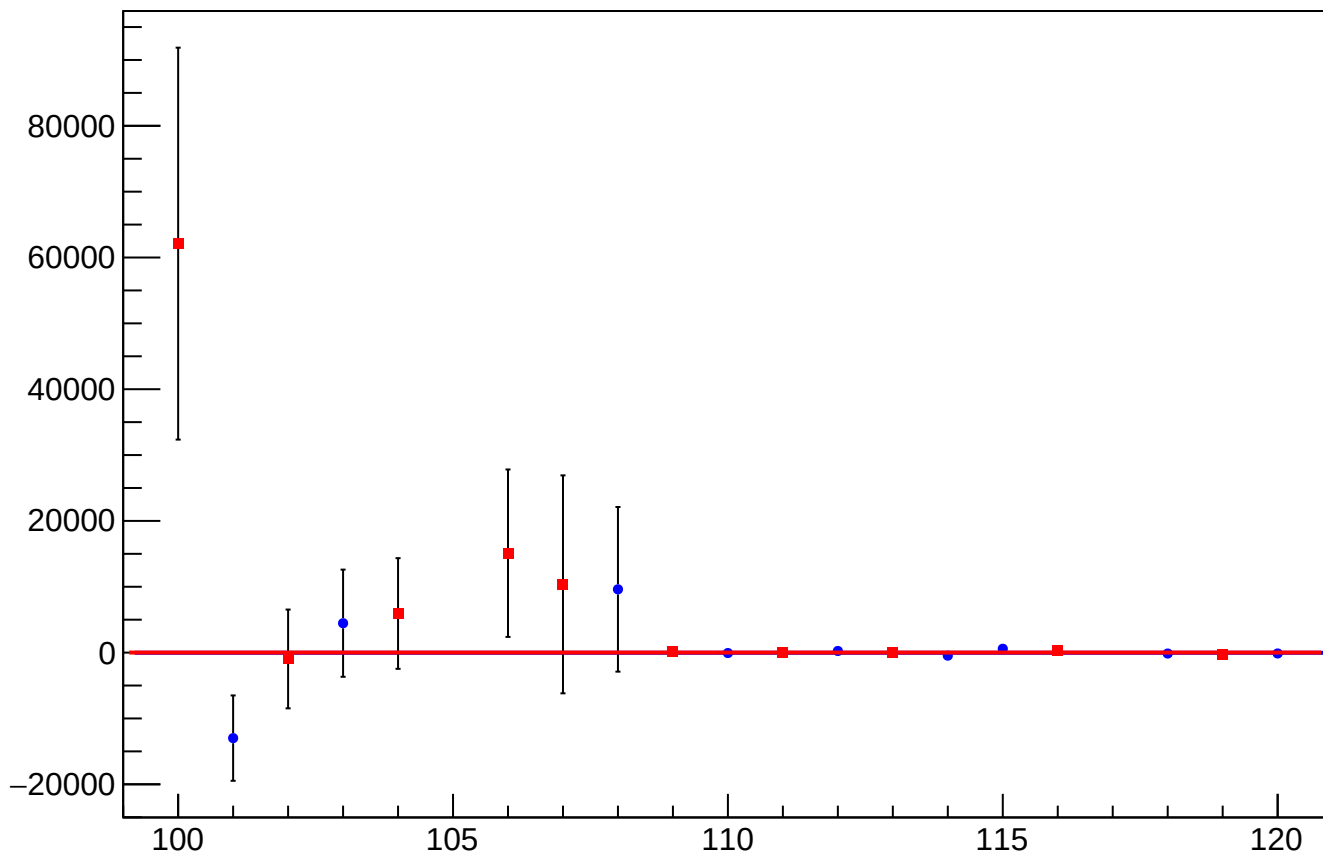
Right: 2.441+/-0.001 χ^2/NDF : 9743664.7/18

In: 2.446+/-0.002 χ^2/NDF : 4798523.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.441+/-0.001 χ^2/NDF : 9743664.7/18

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: -25.846 $\pm$ 115.988 χ^2 /NDF: 8.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 8.260 $\pm$ 107.422 χ^2 /NDF: 9.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

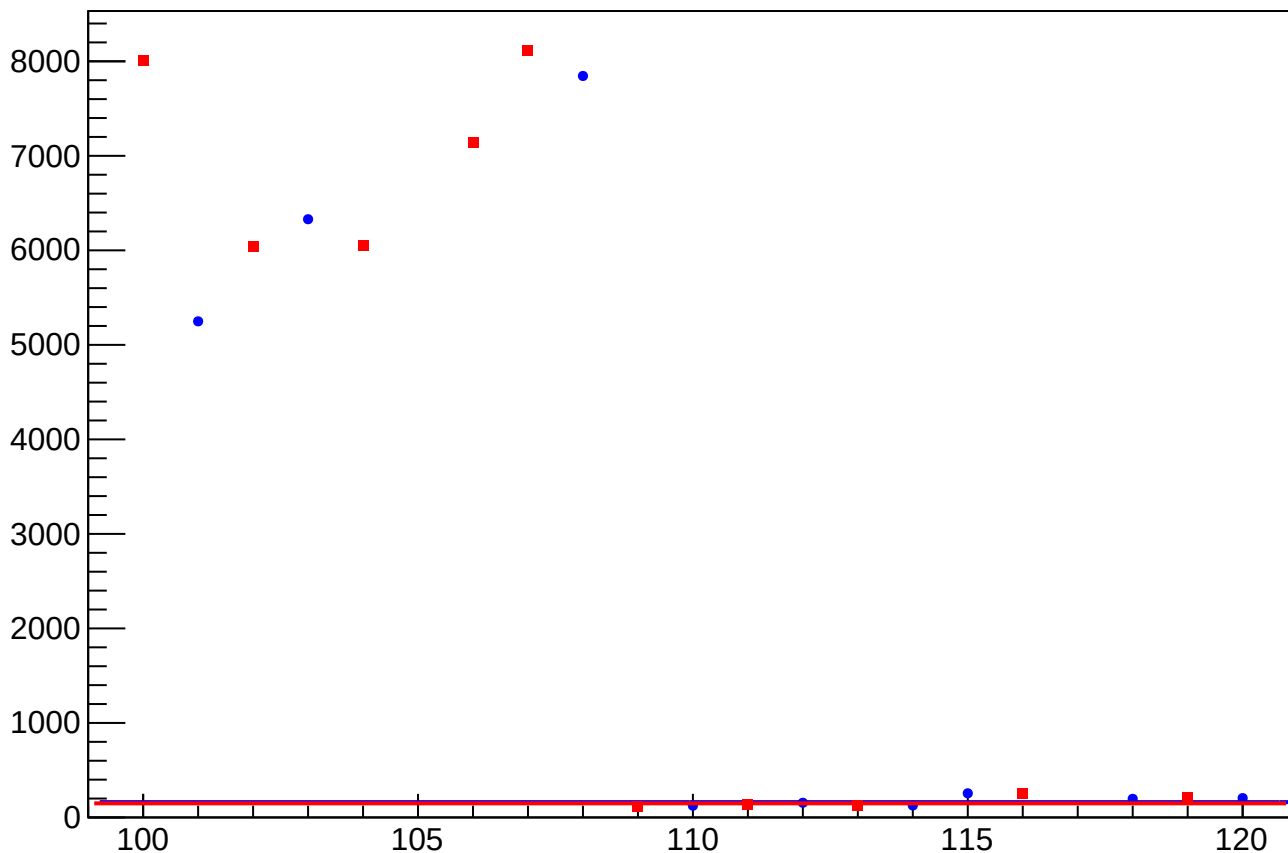
Right: -7.487 $\pm$ 78.813 χ^2 /NDF: 18.5/18

In: -25.846 $\pm$ 115.988 χ^2 /NDF:8.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -7.487 $\pm$ 78.813 χ^2 /NDF: 18.5/18

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 162.286 $\pm$ 0.082 χ^2 /NDF: 3320212.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 149.296 $\pm$ 0.076 χ^2 /NDF: 3673898.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

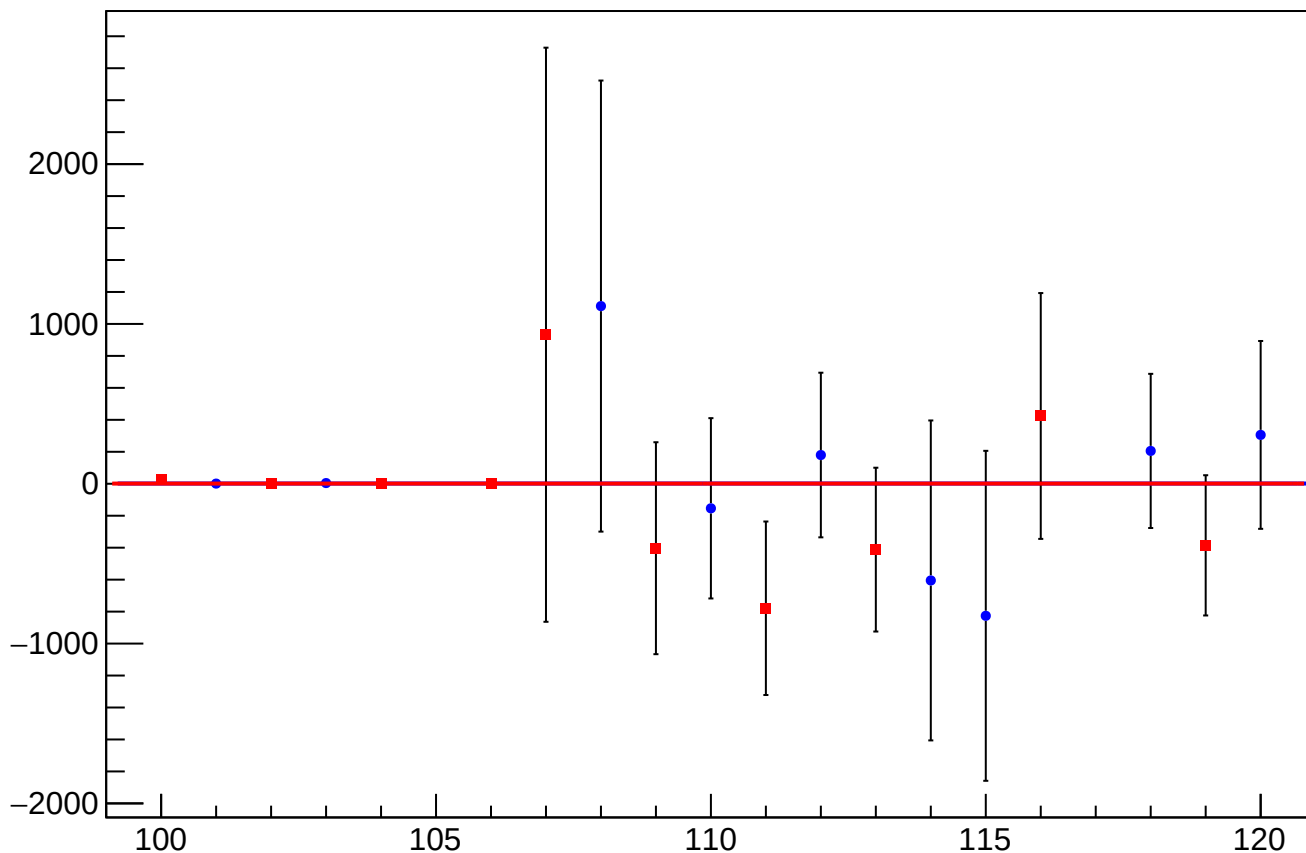
Right: 155.294 $\pm$ 0.056 χ^2 /NDF: 7007615.1/18

In: 162.286 $\pm$ 0.082 χ^2 /NDF:3320212.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 155.294 $\pm$ 0.056 χ^2 /NDF: 7007615.1/18

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: 1.447+/-1.660 χ^2/NDF : 2.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.099+/-1.528 χ^2/NDF : 6.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

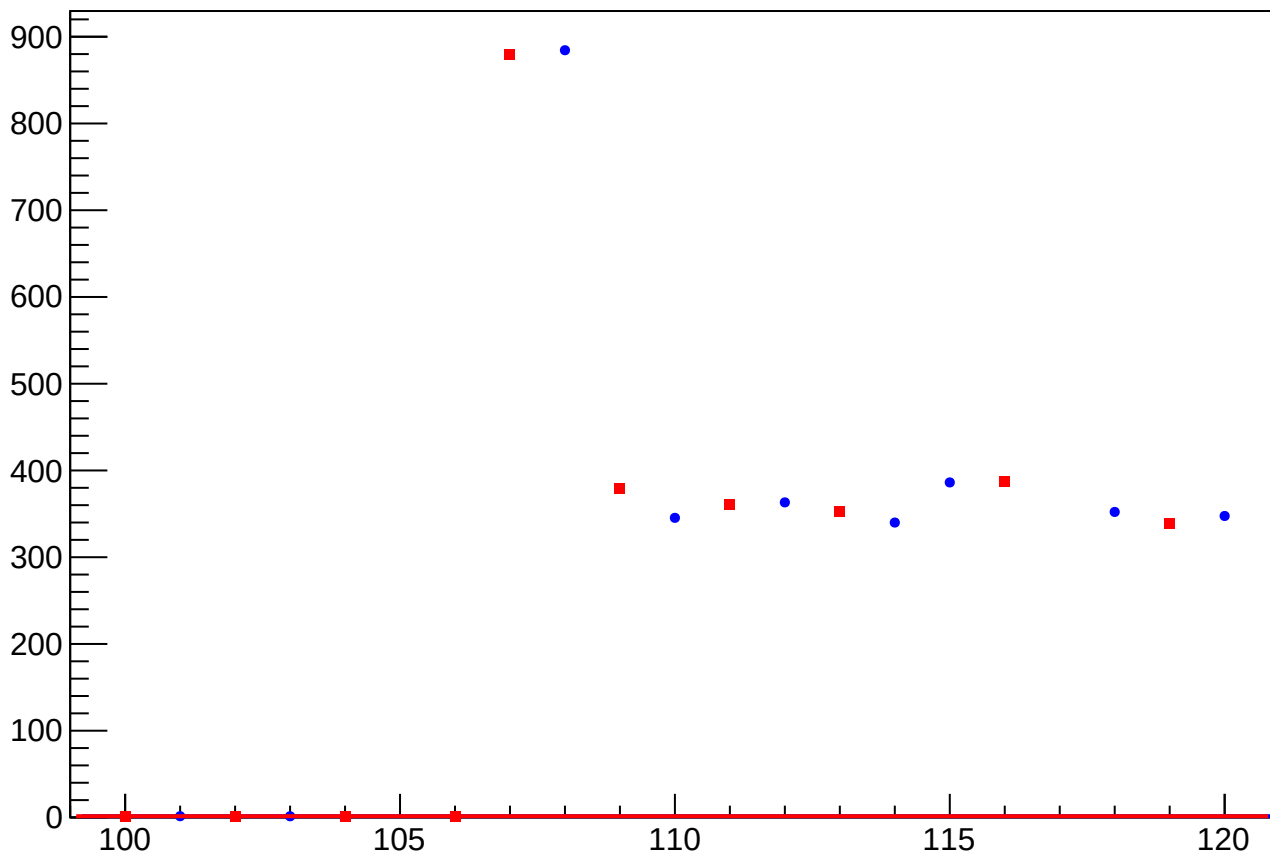
Right: 1.258+/-1.124 χ^2/NDF : 9.7/18

In: 1.447+/-1.660 χ^2/NDF : 2.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.258+/-1.124 χ^2/NDF : 9.7/18

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.446+/-0.001 χ^2/NDF : 4772075.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.447+/-0.001 χ^2/NDF : 4627354.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

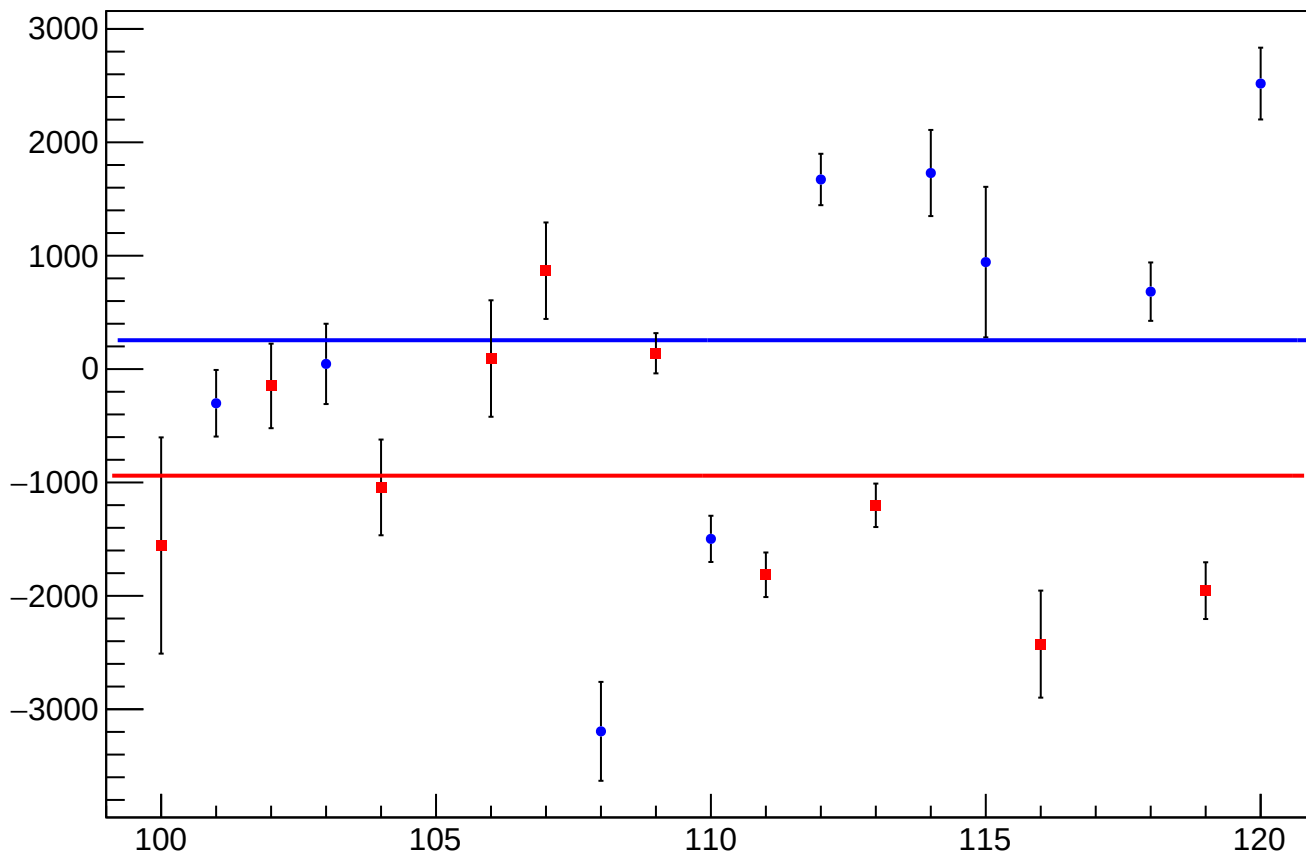
Right: 1.447+/-0.001 χ^2/NDF : 9399430.0/18

In: 1.446+/-0.001 χ^2/NDF : 4772075.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.447+/-0.001 χ^2/NDF : 9399430.0/18

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: 254.544+/-98.714 χ^2/NDF : 249.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -940.052+/-88.199 χ^2/NDF : 112.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

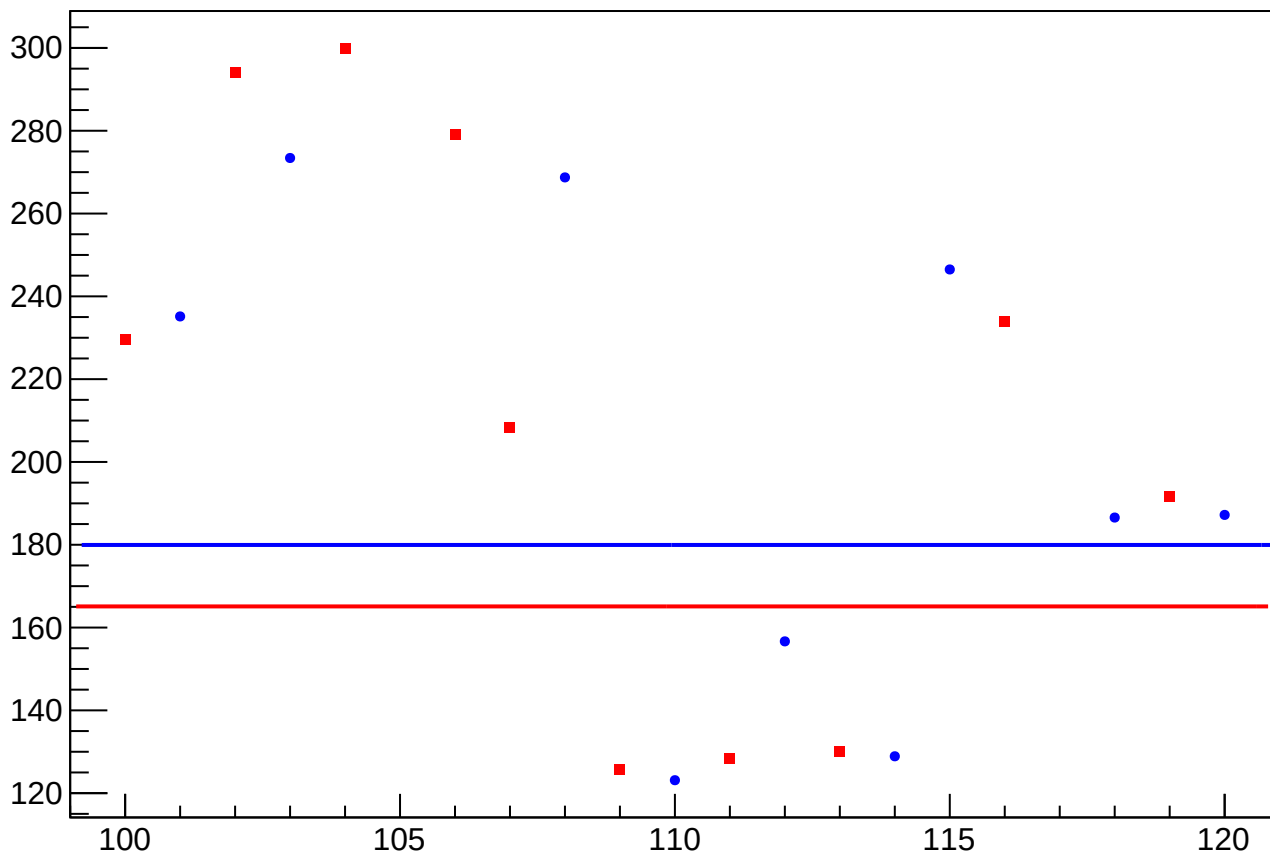
Right: -409.745+/-65.771 χ^2/NDF : 443.0/18

In: 254.544+/-98.714 χ^2/NDF : 249.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -409.745+/-65.771 χ^2/NDF : 443.0/18

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 179.953+/-0.070 χ^2/NDF : 528028.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.107+/-0.062 χ^2/NDF : 872382.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

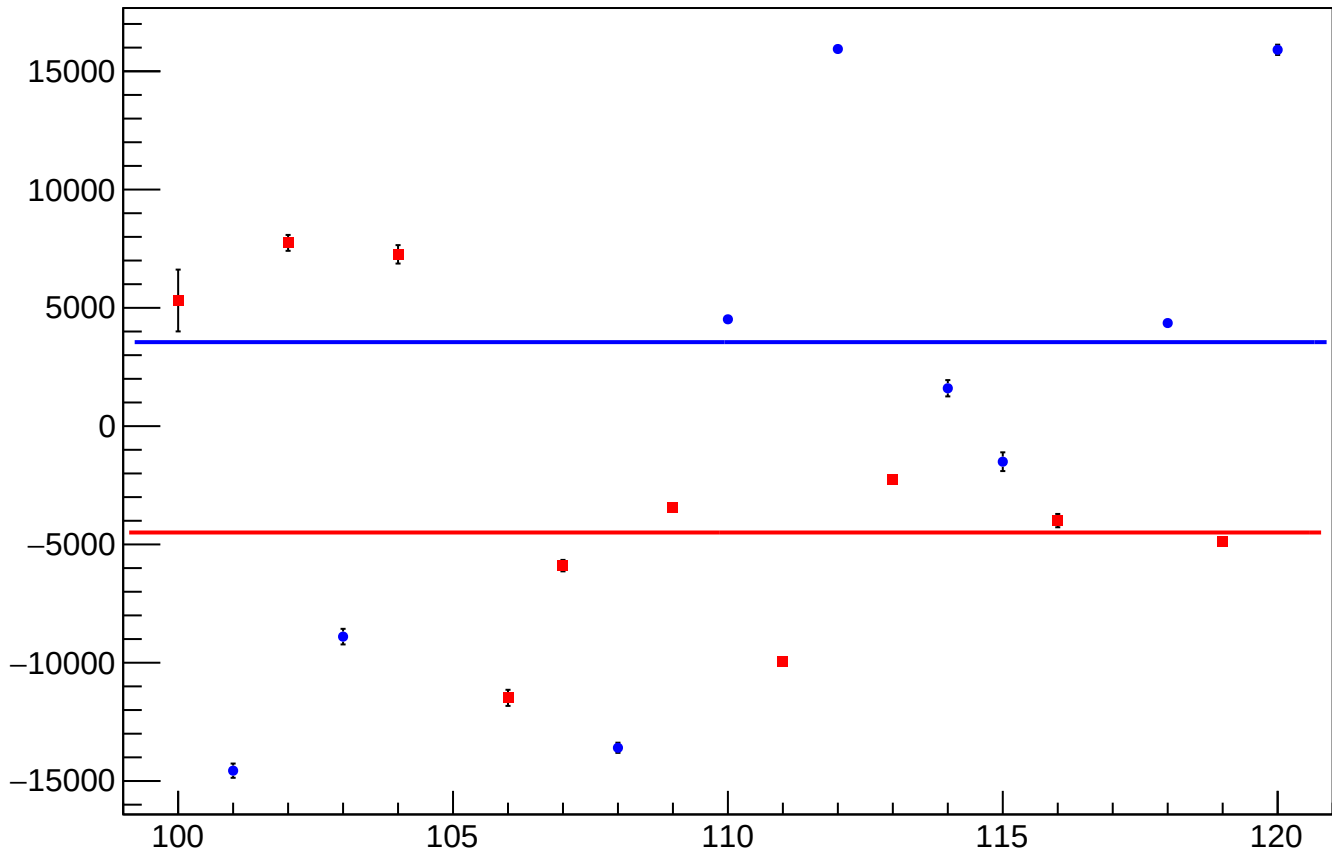
Right: 171.697+/-0.047 χ^2/NDF : 1425564.6/18

In: 179.953+/-0.070 χ^2/NDF : 528028.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.697+/-0.047 χ^2/NDF : 1425564.6/18

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 3550.815+/-74.538 χ^2/NDF : 19991.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4495.526+/-69.852 χ^2/NDF : 4220.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

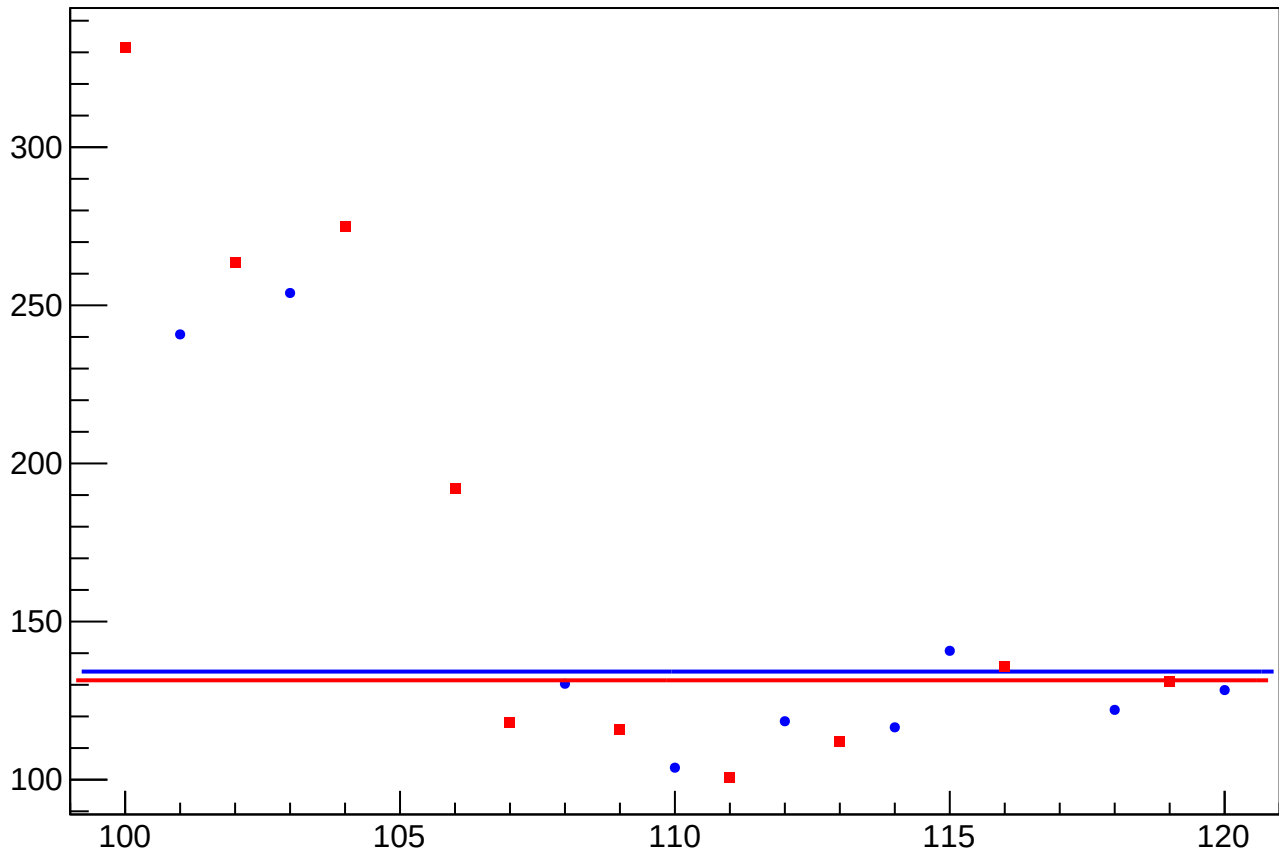
Right: -733.219+/-50.969 χ^2/NDF : 30416.1/18

In: 3550.815+/-74.538 χ^2/NDF : 19991.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -733.219+/-50.969 χ^2/NDF : 30416.1/18

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 134.187+/-0.053 χ^2/NDF : 611054.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 131.423+/-0.049 χ^2/NDF : 820811.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

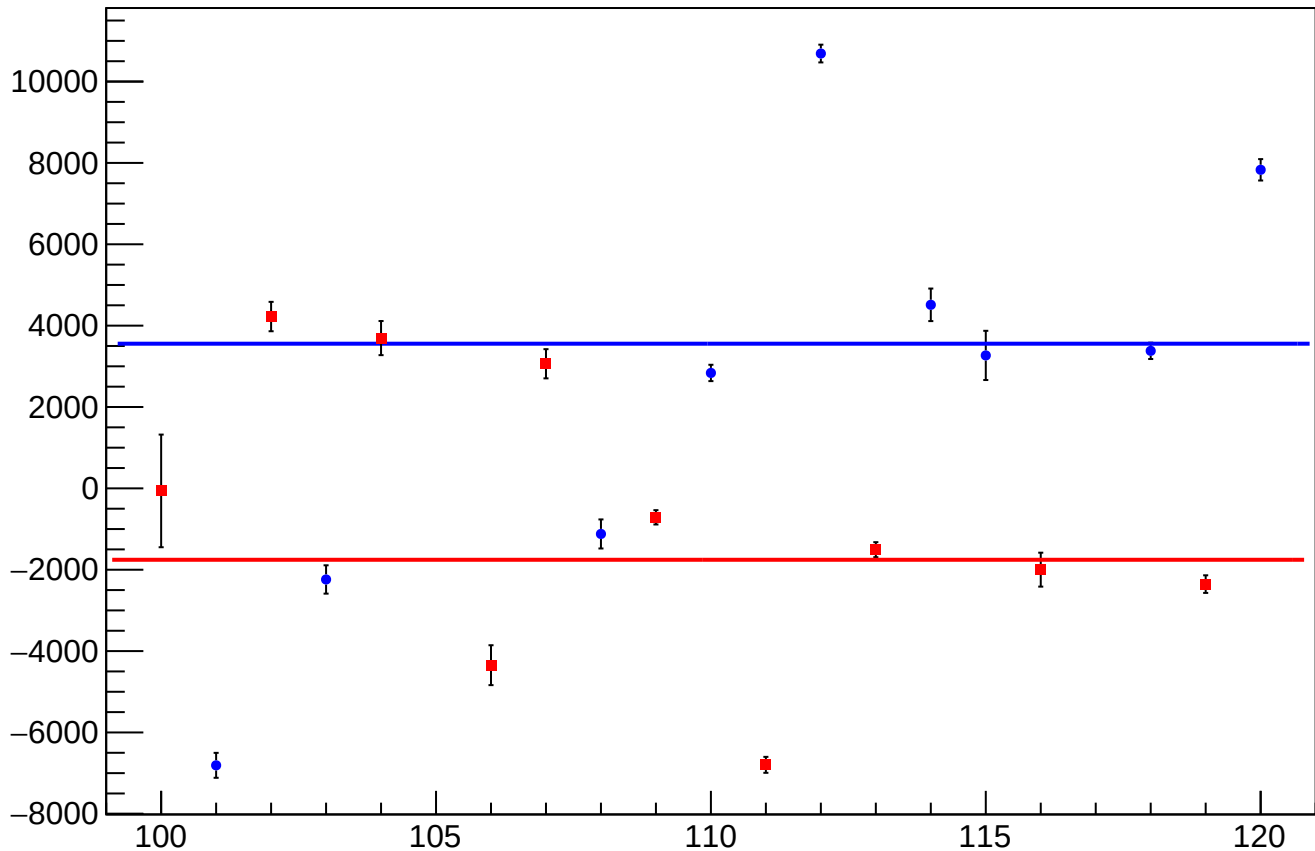
Right: 132.716+/-0.036 χ^2/NDF : 1433329.2/18

In: 134.187+/-0.053 χ^2/NDF : 611054.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.716+/-0.036 χ^2/NDF : 1433329.2/18

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 3556.137+/-90.967 χ^2/NDF : 2944.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1755.384+/-84.359 χ^2/NDF : 1358.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

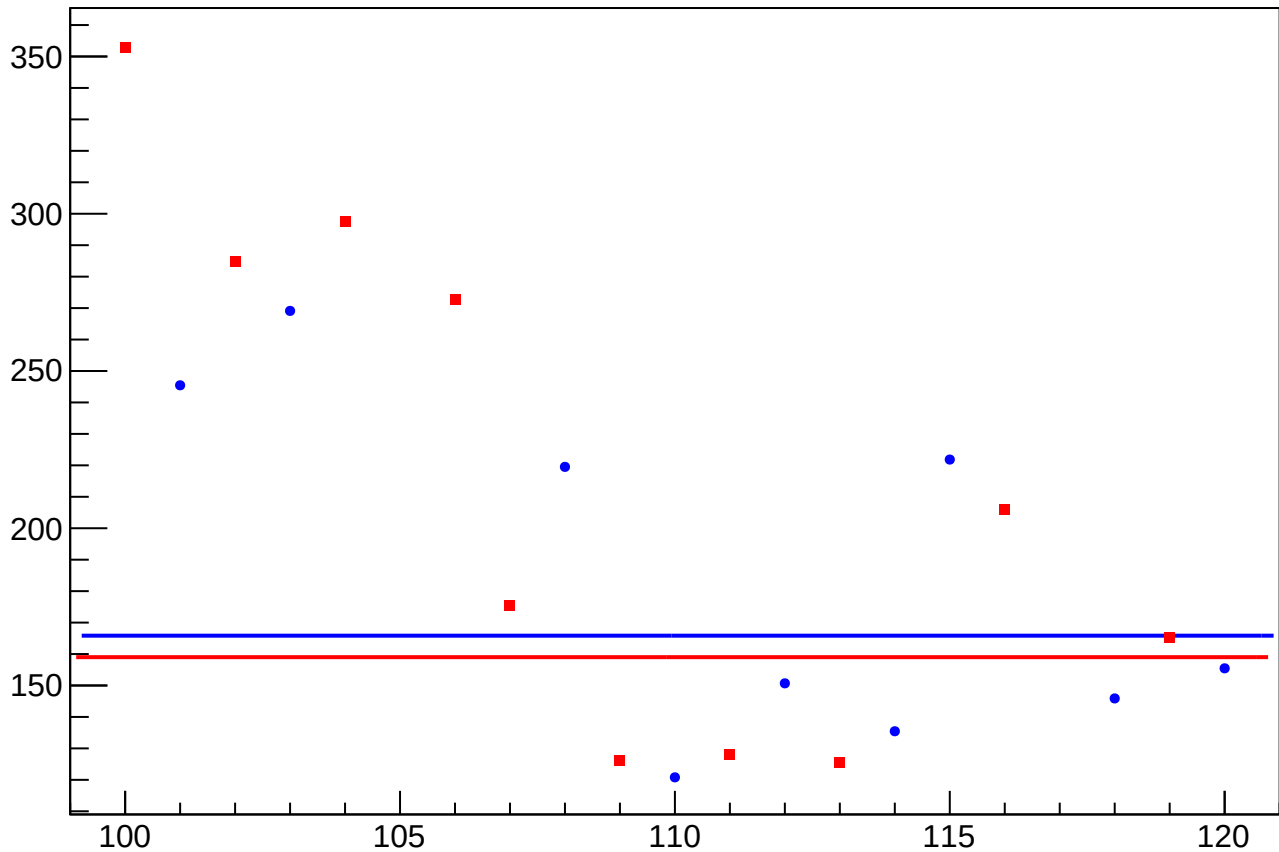
Right: 700.461+/-61.855 χ^2/NDF : 6136.4/18

In: 3556.137+/-90.967 χ^2/NDF :2944.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 700.461+/-61.855 χ^2/NDF : 6136.4/18

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 165.841+/-0.064 χ^2/NDF : 517877.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 159.009+/-0.060 χ^2/NDF : 825835.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

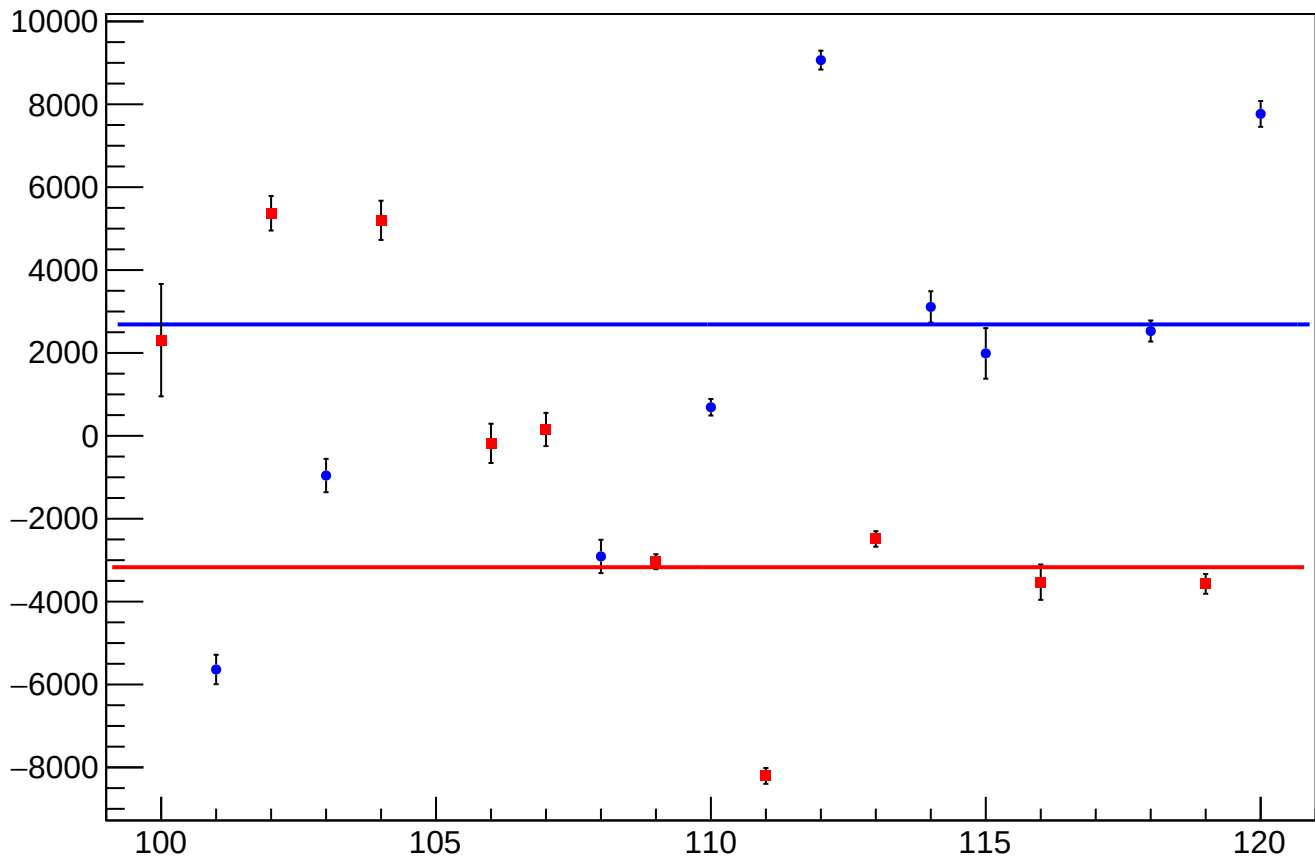
Right: 162.168+/-0.044 χ^2/NDF : 1349778.9/18

In: 165.841+/-0.064 χ^2/NDF : 517877.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.168+/-0.044 χ^2/NDF : 1349778.9/18

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 2688.619+/-99.918 χ^2/NDF : 1979.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3169.821+/-87.316 χ^2/NDF : 1572.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

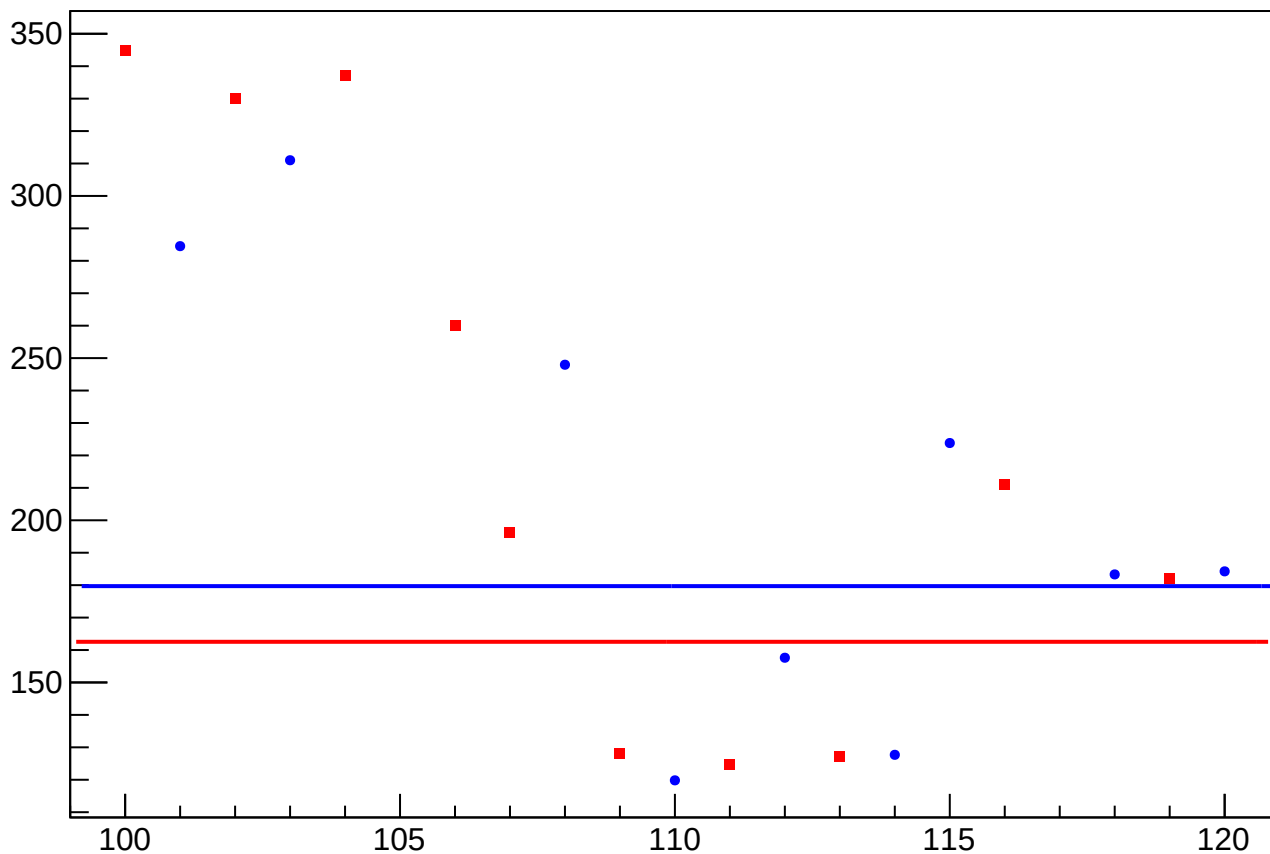
Right: -633.132+/-65.749 χ^2/NDF : 5500.7/18

In: 2688.619+/-99.918 χ^2/NDF : 1979.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -633.132+/-65.749 χ^2/NDF : 5500.7/18

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 179.700+/-0.071 χ^2/NDF : 693492.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 162.537+/-0.062 χ^2/NDF : 993754.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

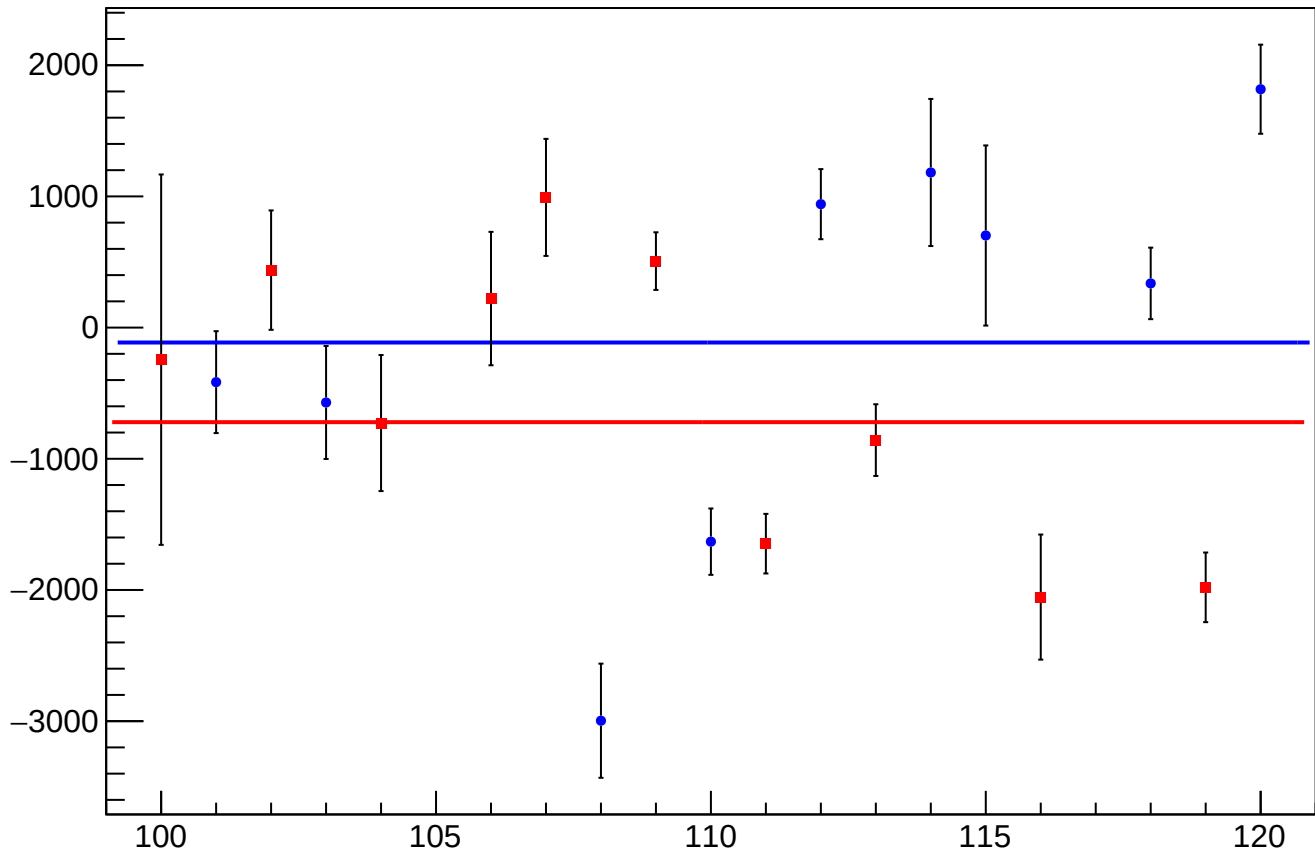
Right: 169.969+/-0.046 χ^2/NDF : 1720708.3/18

In: 179.700+/-0.071 χ^2/NDF : 693492.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.969+/-0.046 χ^2/NDF : 1720708.3/18

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -113.725+/-115.938 χ^2/NDF : 139.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -720.980+/-105.384 χ^2/NDF : 103.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

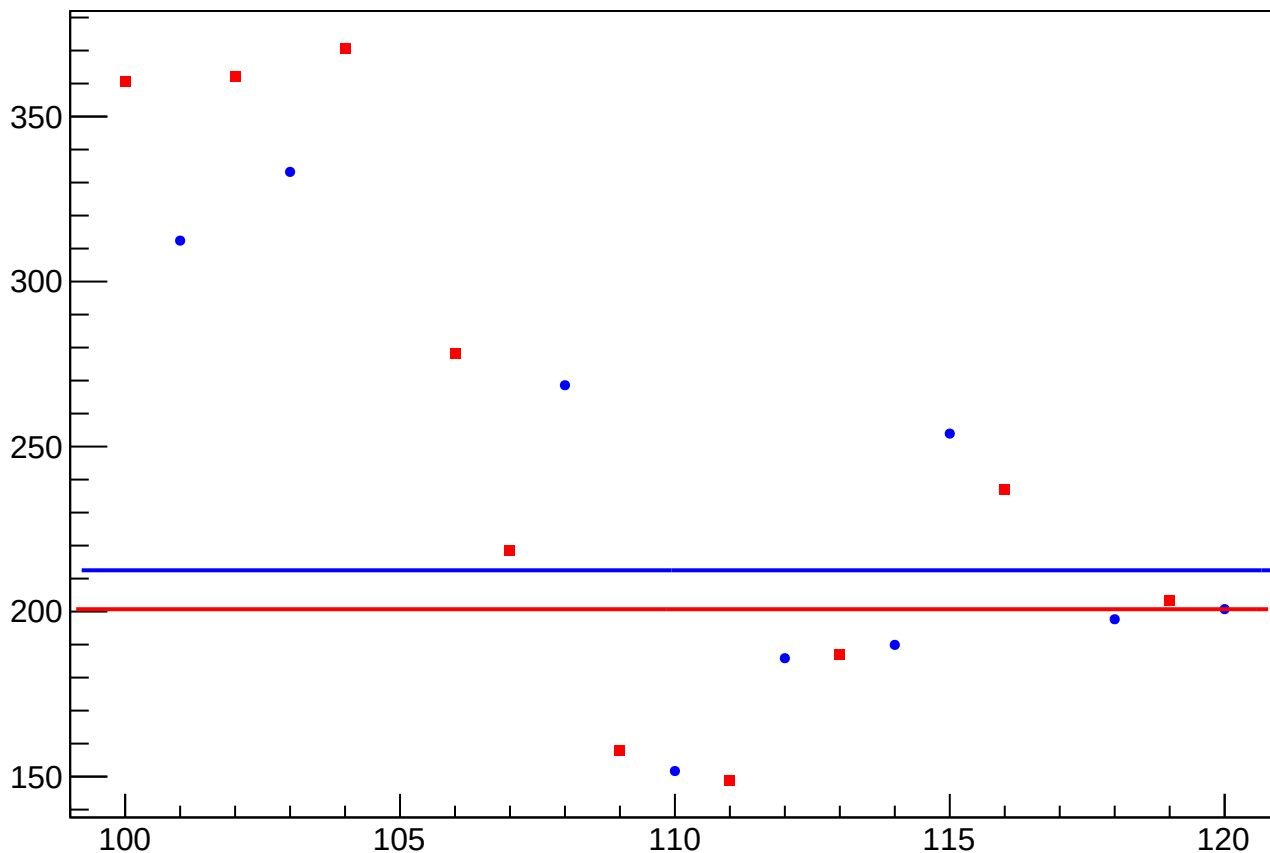
Right: -446.245+/-77.983 χ^2/NDF : 257.3/18

In: -113.725+/-115.938 χ^2/NDF : 139.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -446.245+/-77.983 χ^2/NDF : 257.3/18

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 212.511+/-0.082 χ^2/NDF : 477213.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 200.722+/-0.075 χ^2/NDF : 737513.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

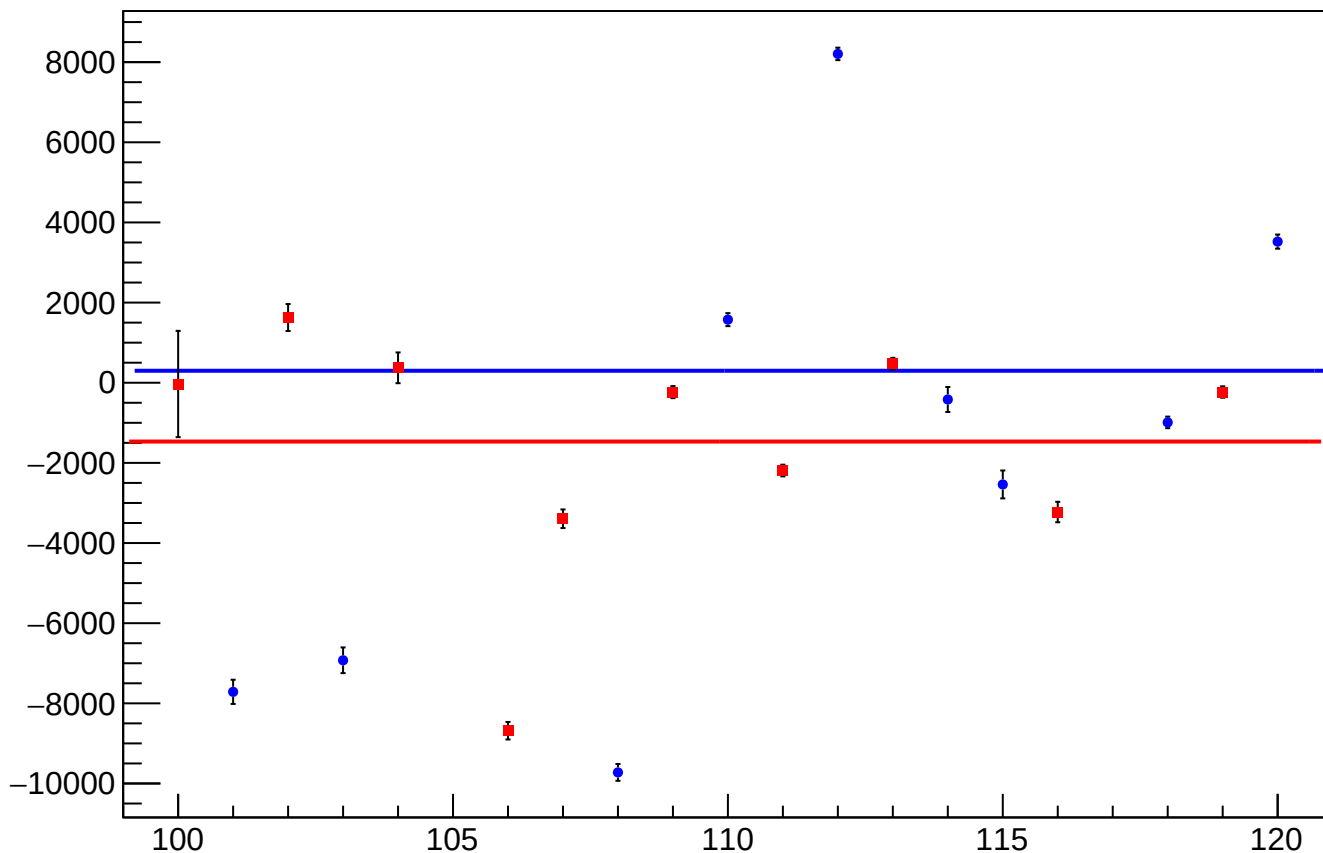
Right: 206.056+/-0.055 χ^2/NDF : 1226050.7/18

In: 212.511+/-0.082 χ^2/NDF : 477213.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 206.056+/-0.055 χ^2/NDF : 1226050.7/18

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: 299.062+/-67.178 χ^2/NDF : 6629.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1467.325+/-62.193 χ^2/NDF : 1655.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

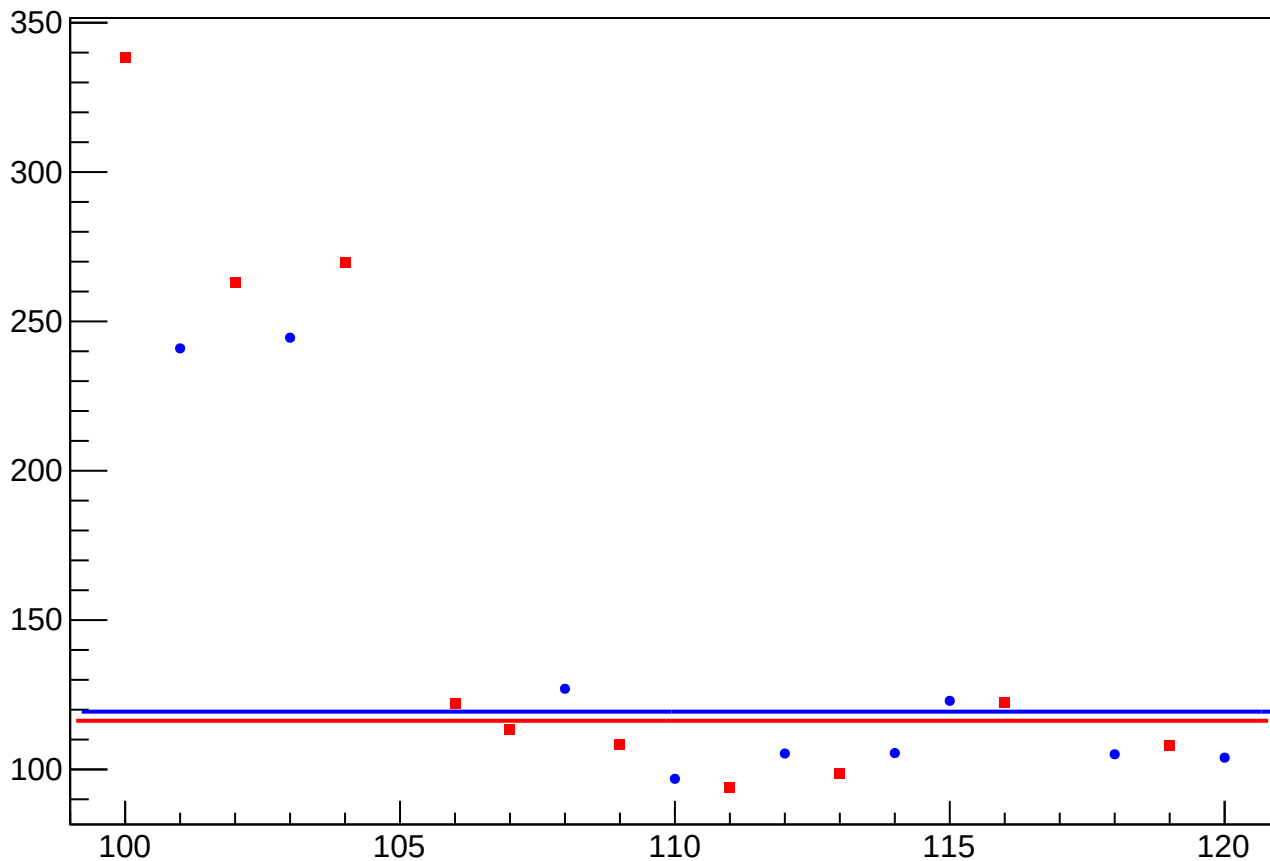
Right: -652.087+/-45.638 χ^2/NDF : 8658.1/18

In: 299.062+/-67.178 χ^2/NDF : 6629.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -652.087+/-45.638 χ^2/NDF : 8658.1/18

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 119.350+/-0.048 χ^2/NDF : 726357.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 116.300+/-0.044 χ^2/NDF : 850391.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

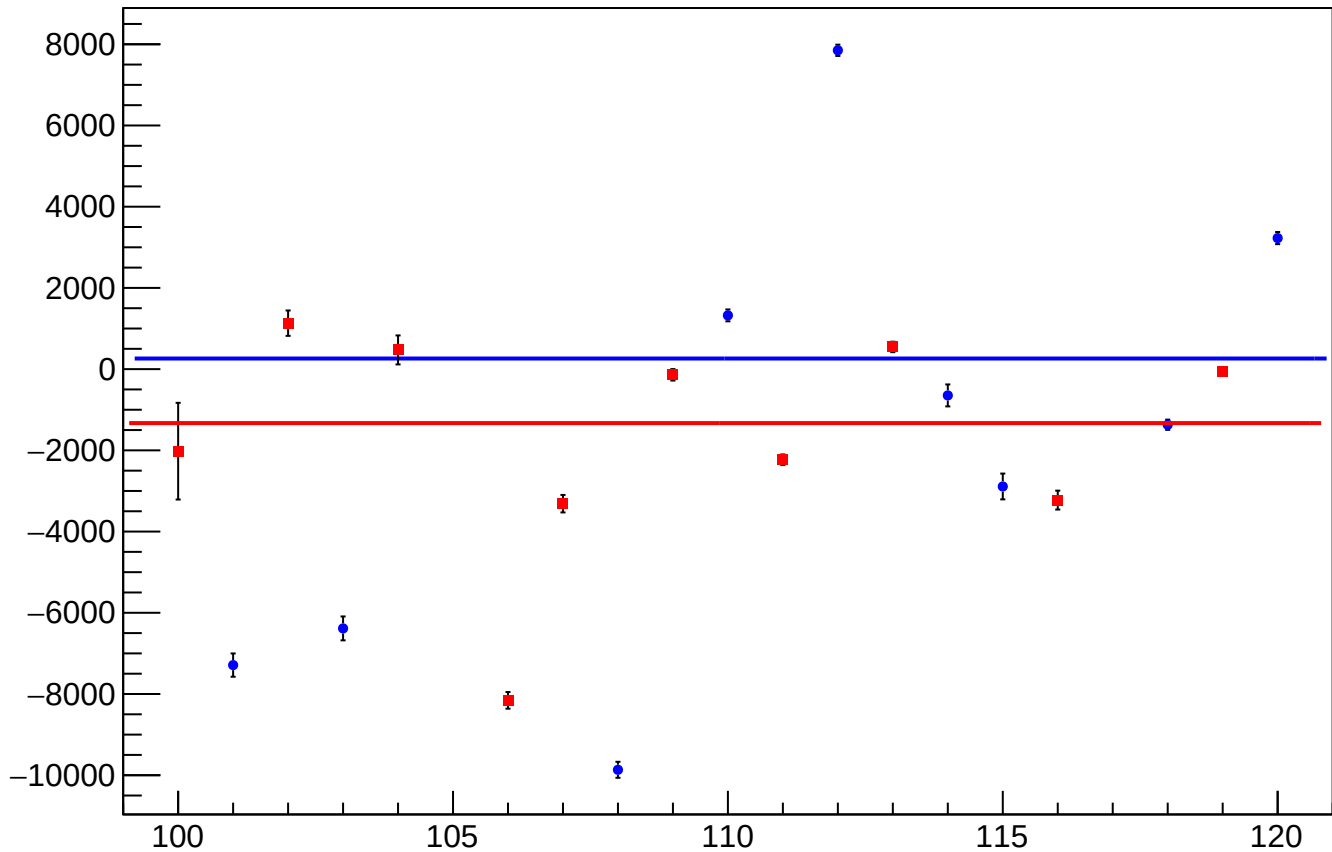
Right: 117.708+/-0.032 χ^2/NDF : 1578969.0/18

In: 119.350+/-0.048 χ^2/NDF : 726357.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.708+/-0.032 χ^2/NDF : 1578969.0/18

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 261.404+/-59.819 χ^2/NDF : 7560.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1328.682+/-56.088 χ^2/NDF : 1781.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

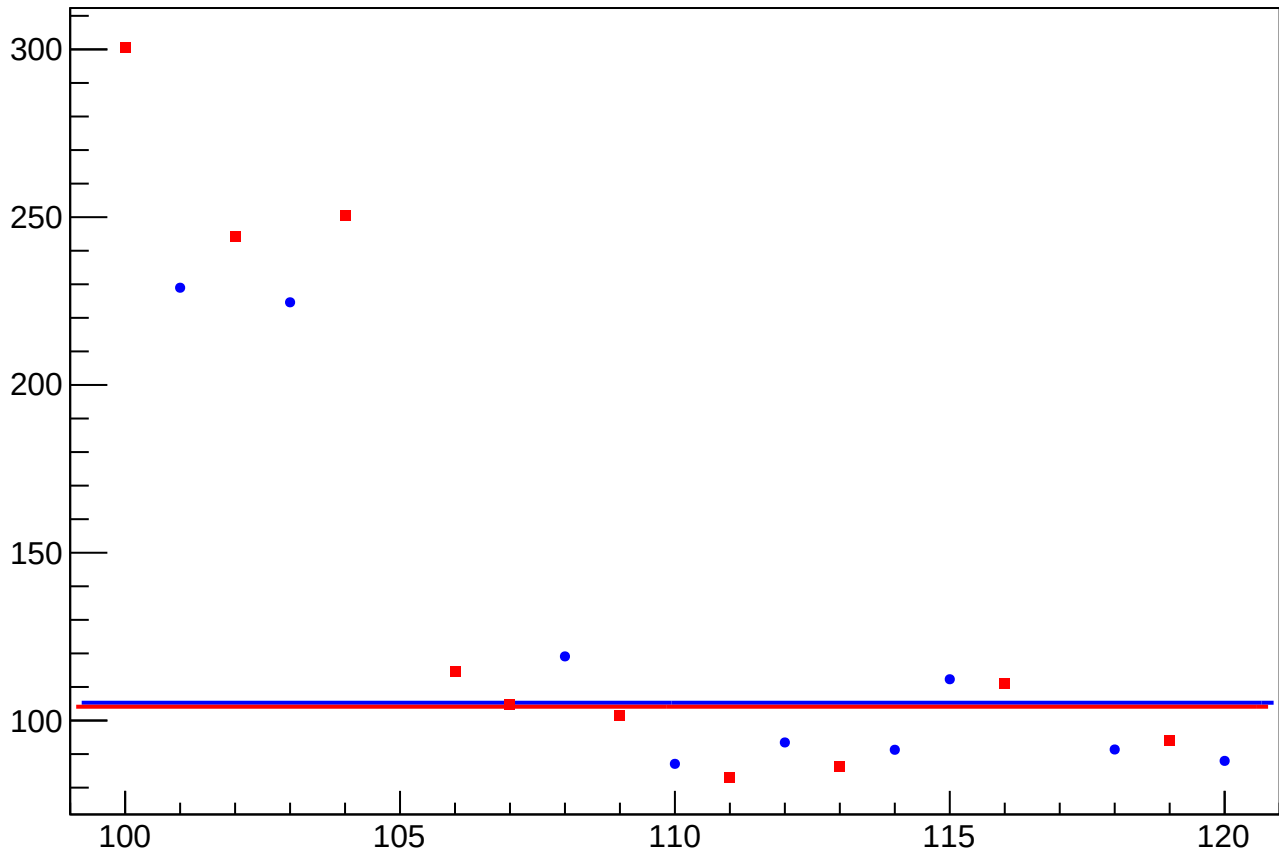
Right: -584.773+/-40.916 χ^2/NDF : 9718.4/18

In: 261.404+/-59.819 χ^2/NDF : 7560.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -584.773+/-40.916 χ^2/NDF : 9718.4/18

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 105.303+/-0.042 χ^2/NDF : 814490.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.115+/-0.040 χ^2/NDF : 905739.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

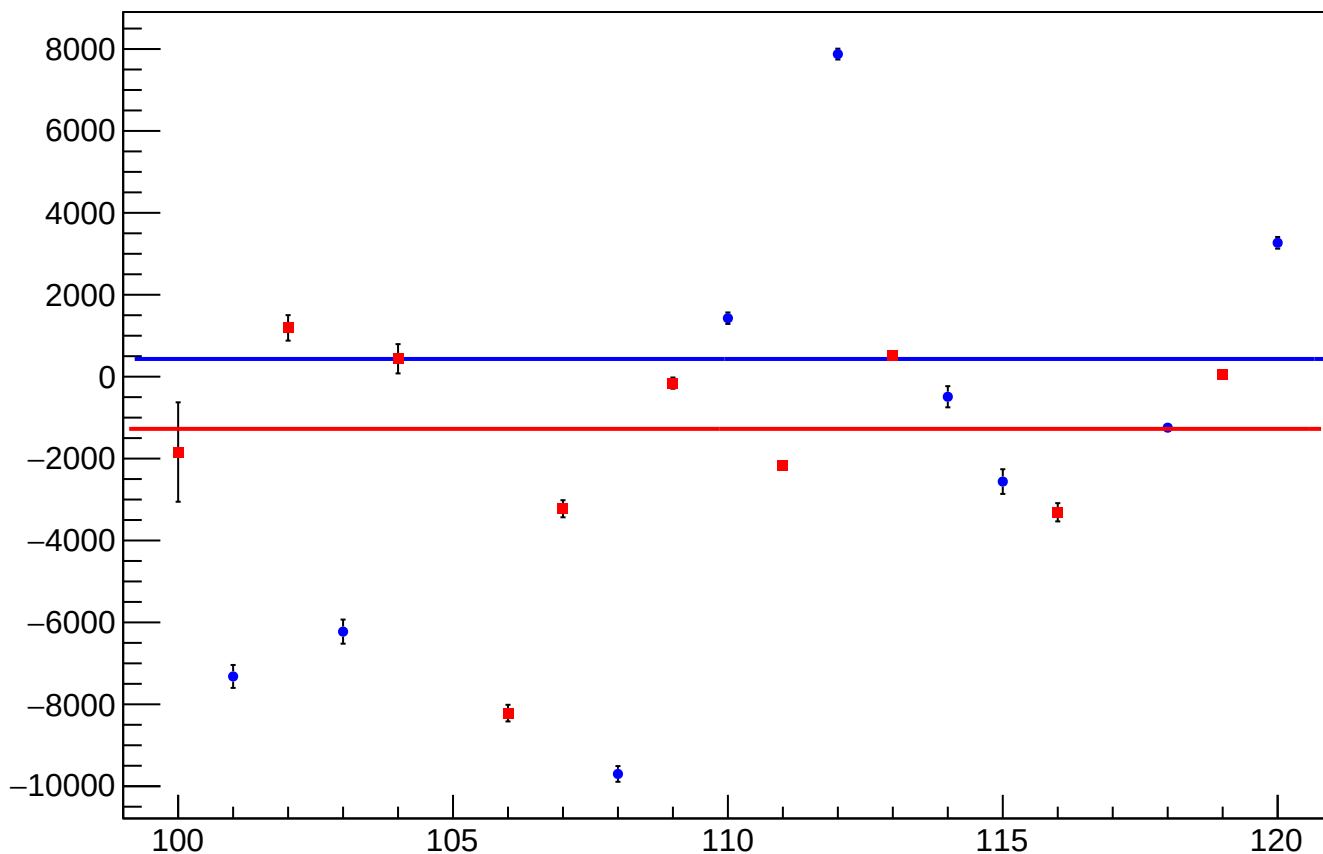
Right: 104.671+/-0.029 χ^2/NDF : 1720650.1/18

In: 105.303+/-0.042 χ^2/NDF : 814490.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.671+/-0.029 χ^2/NDF : 1720650.1/18

asym_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: 432.367+/-57.428 χ^2/NDF : 7966.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1274.203+/-53.614 χ^2/NDF : 1895.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

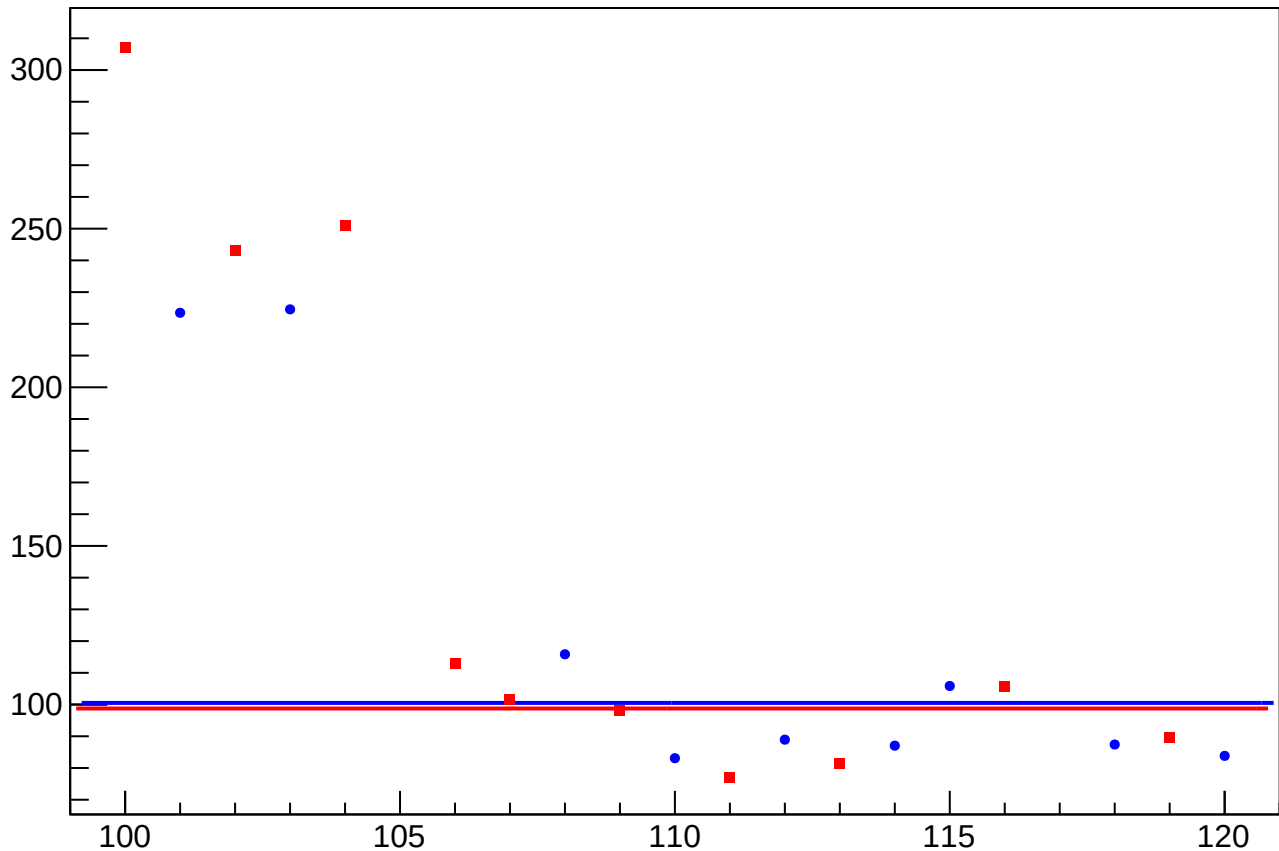
Right: -479.471+/-39.190 χ^2/NDF : 10333.1/18

In: 432.367+/-57.428 χ^2/NDF : 7966.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -479.471+/-39.190 χ^2/NDF : 10333.1/18

asym_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 100.519+/-0.041 χ^2/NDF : 856245.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.757+/-0.038 χ^2/NDF : 983104.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

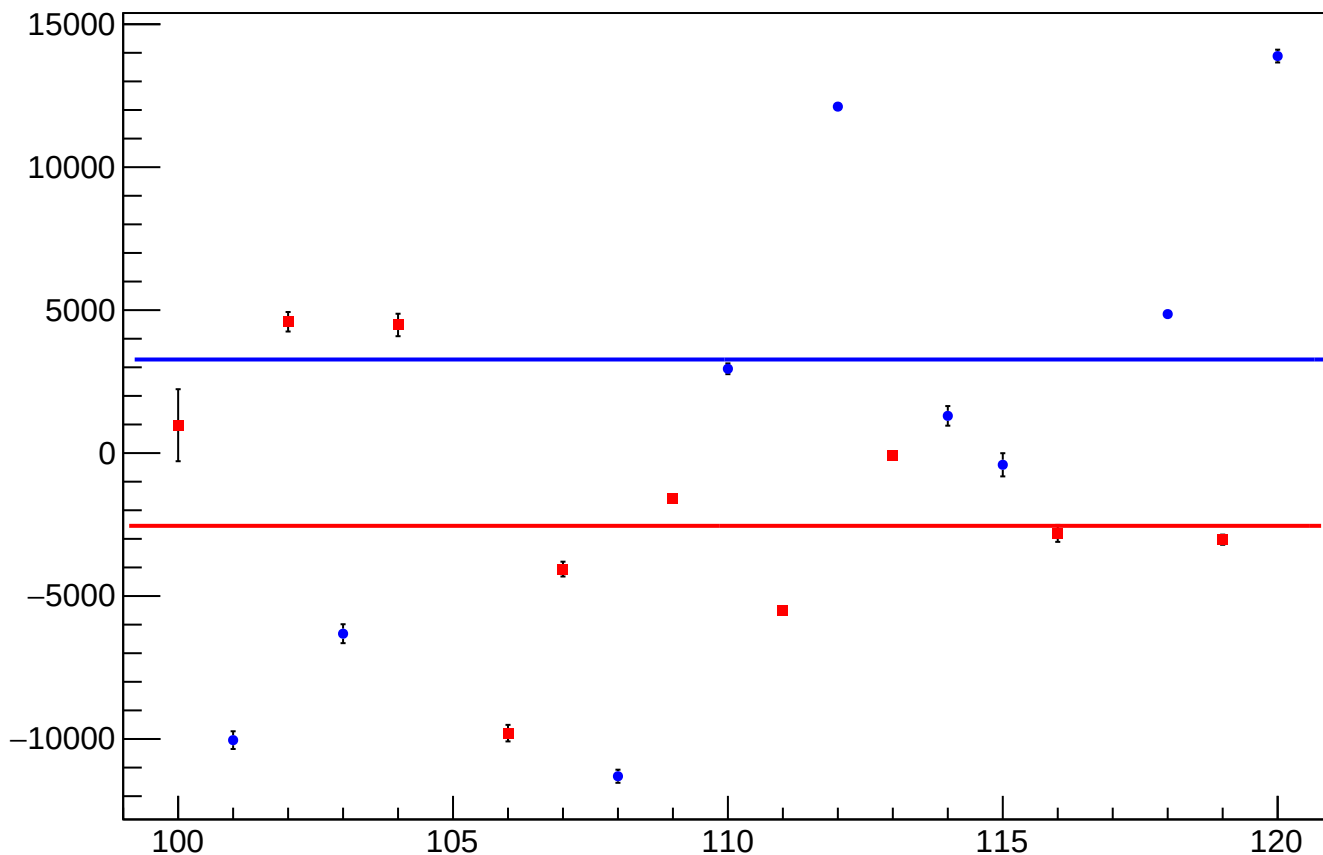
Right: 99.577+/-0.028 χ^2/NDF : 1840356.2/18

In: 100.519+/-0.041 χ^2/NDF : 856245.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.577+/-0.028 χ^2/NDF : 1840356.2/18

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 3273.250+/-77.238 χ^2/NDF : 11714.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2544.585+/-72.414 χ^2/NDF : 1989.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

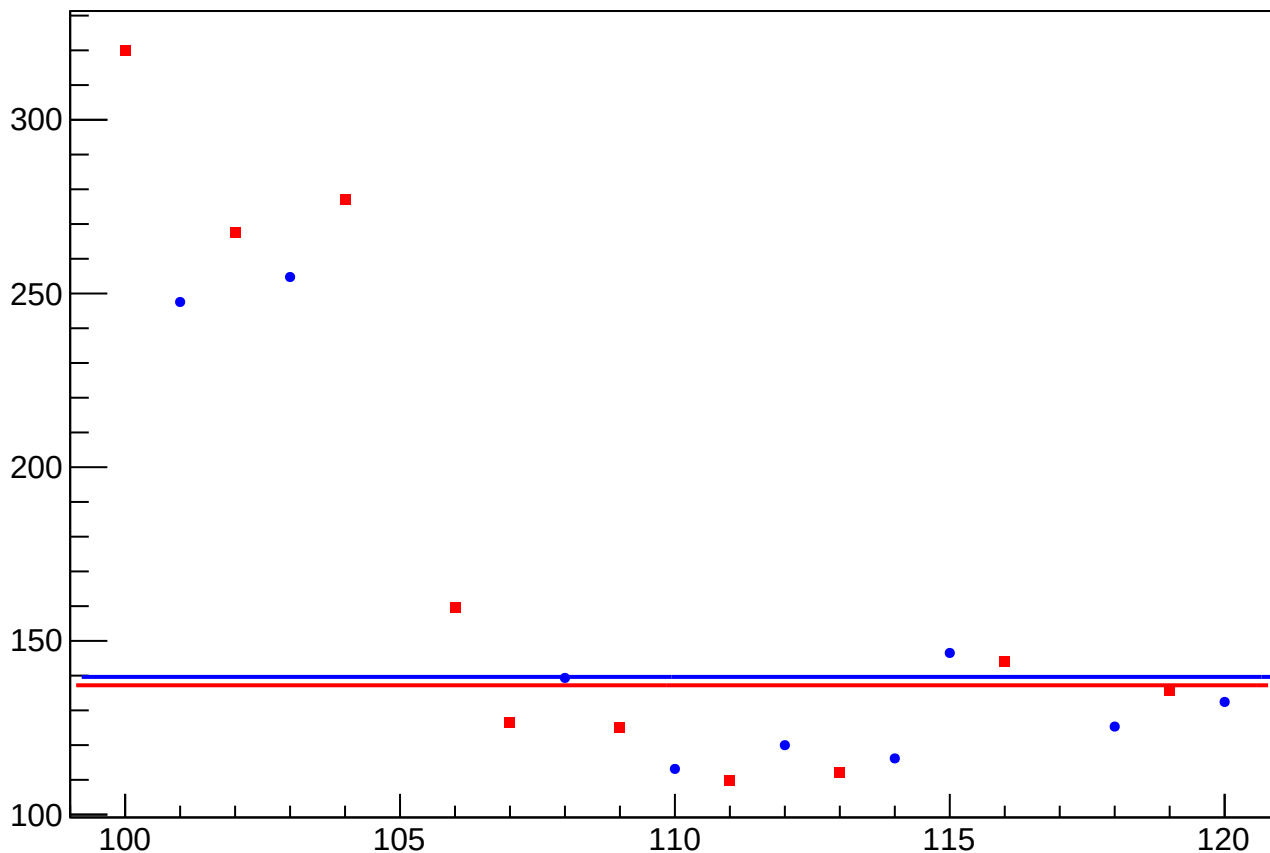
Right: 177.009+/-52.828 χ^2/NDF : 16723.5/18

In: 3273.250+/-77.238 χ^2/NDF : 11714.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.009+/-52.828 χ^2/NDF : 16723.5/18

asym_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 139.634+/-0.055 χ^2/NDF : 575259.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 137.222+/-0.051 χ^2/NDF : 710749.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

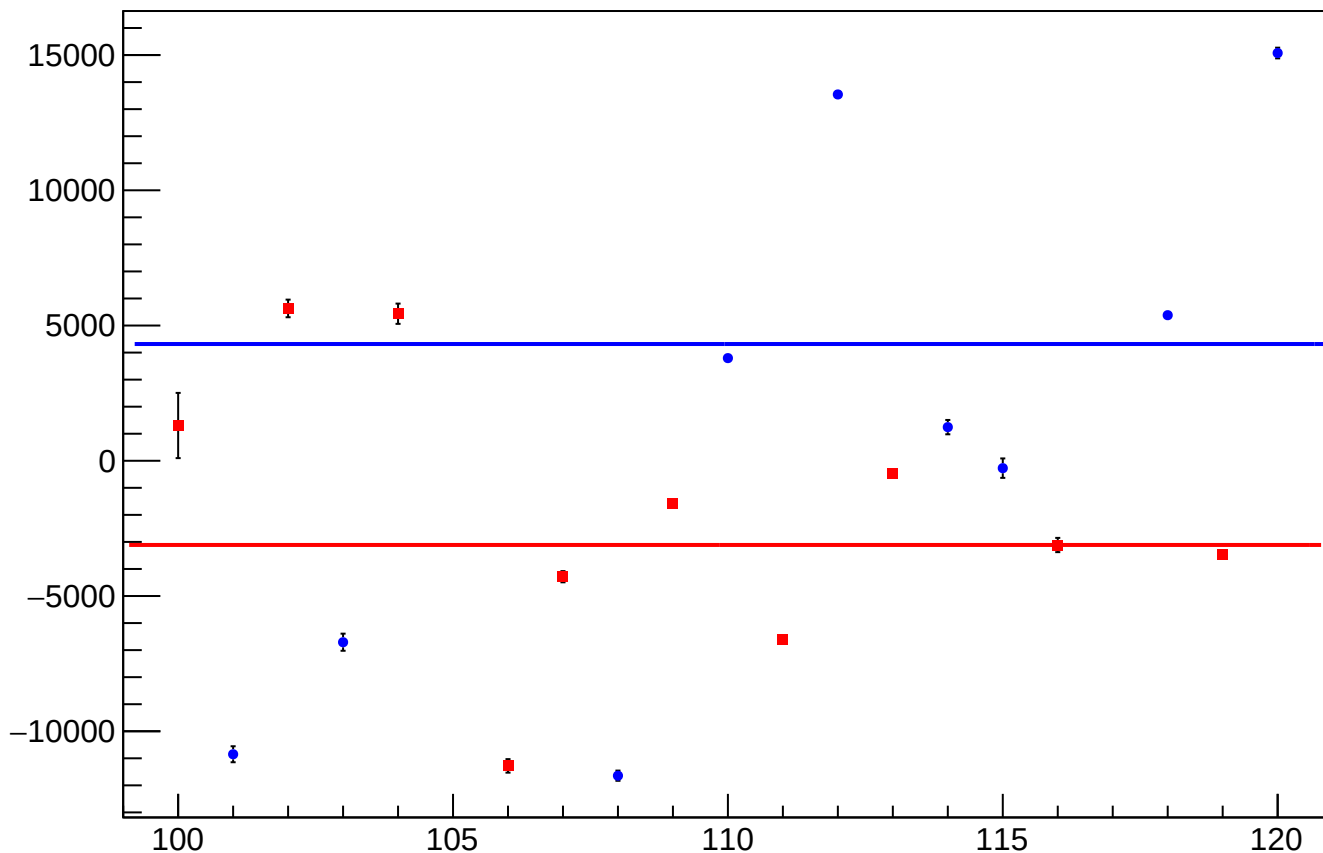
Right: 138.350+/-0.037 χ^2/NDF : 1287046.1/18

In: 139.634+/-0.055 χ^2/NDF : 575259.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.350+/-0.037 χ^2/NDF : 1287046.1/18

asym_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 4316.531+/-63.230 χ^2/NDF : 19029.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3112.289+/-57.966 χ^2/NDF : 3748.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

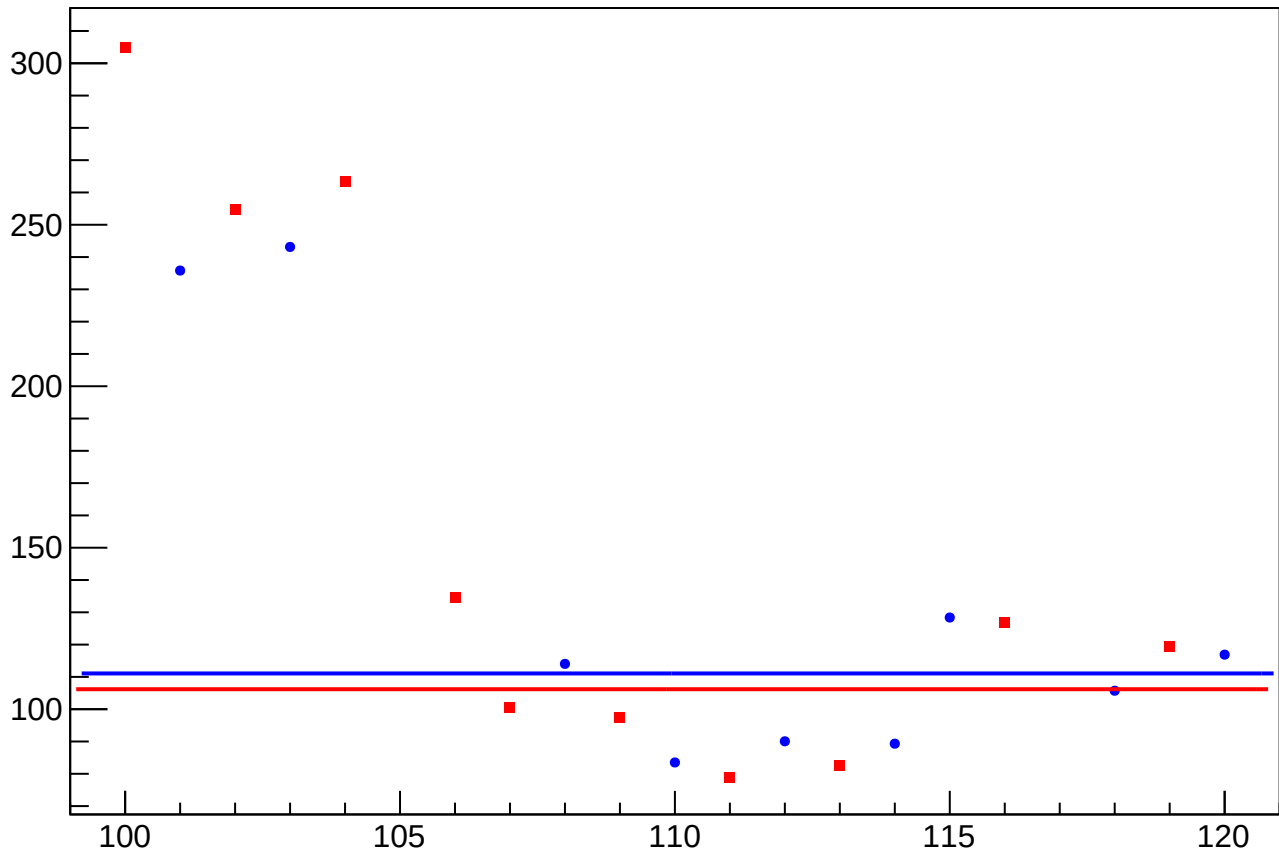
Right: 280.043+/-42.728 χ^2/NDF : 30278.6/18

In: 4316.531+/-63.230 χ^2/NDF :19029.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 280.043+/-42.728 χ^2/NDF : 30278.6/18

asym_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 111.071+/-0.045 χ^2/NDF : 853894.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.186+/-0.041 χ^2/NDF : 1057128.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

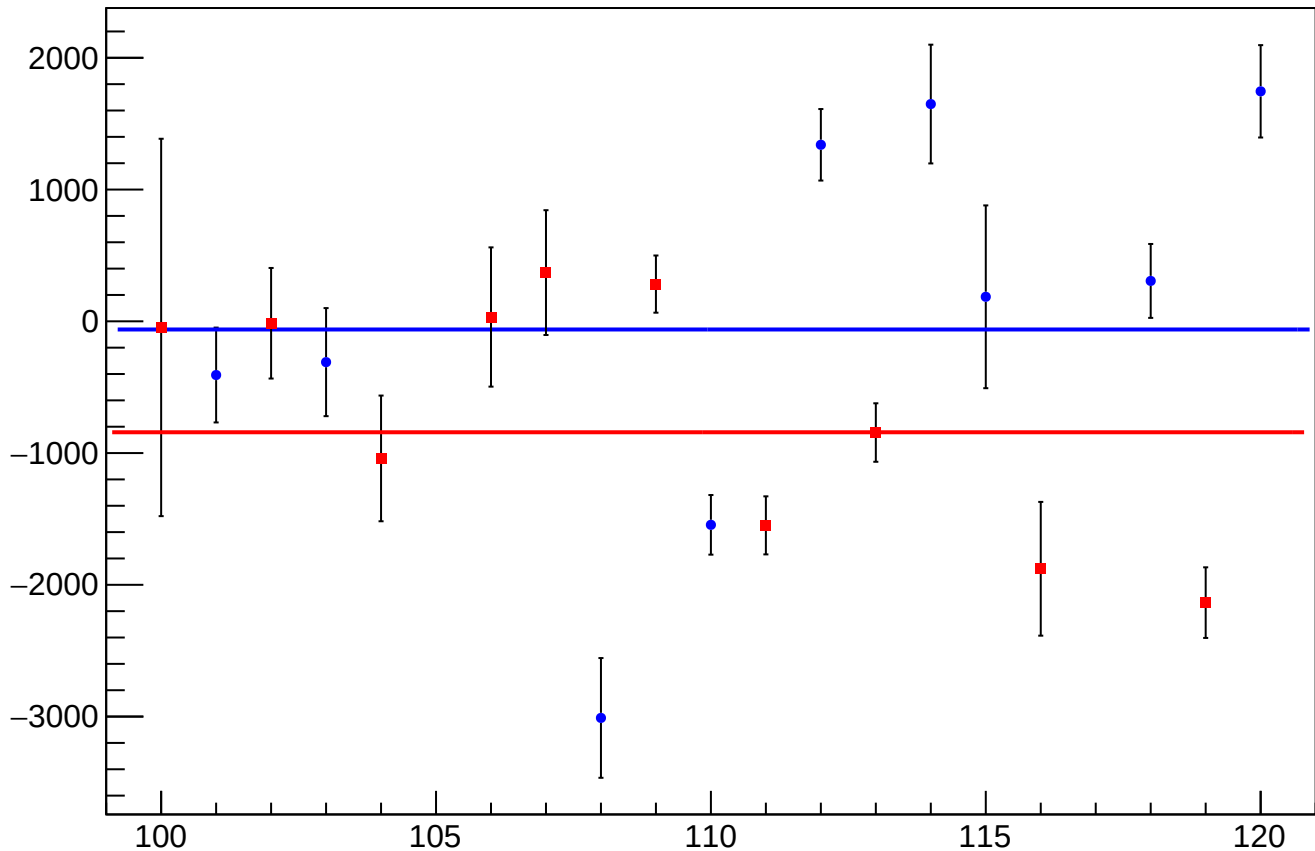
Right: 108.417+/-0.030 χ^2/NDF : 1917509.3/18

In: 111.071+/-0.045 χ^2/NDF : 853894.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.417+/-0.030 χ^2/NDF : 1917509.3/18

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -62.036+/-112.189 χ^2/NDF : 155.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -842.121+/-100.741 χ^2/NDF : 78.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

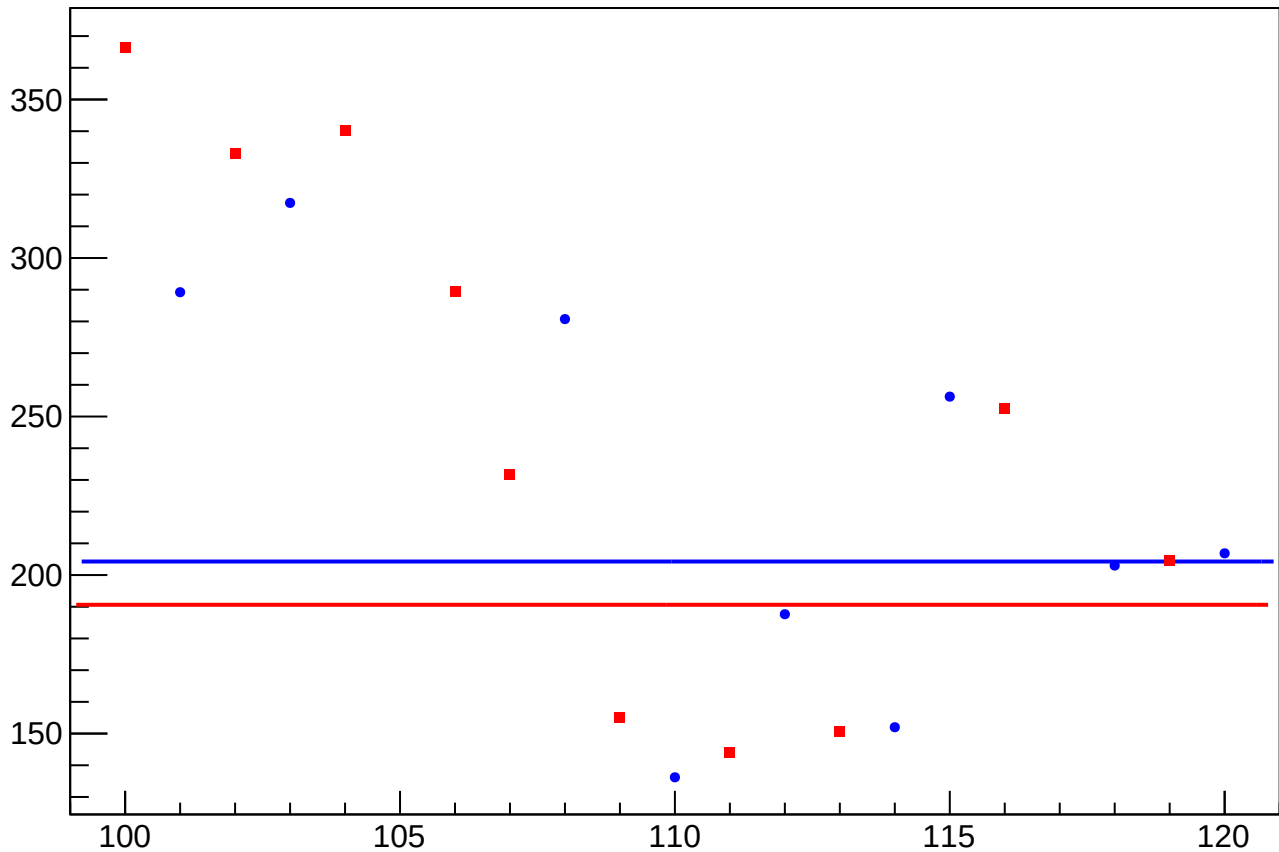
Right: -493.897+/-74.956 χ^2/NDF : 260.8/18

In: -62.036+/-112.189 χ^2/NDF :155.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -493.897+/-74.956 χ^2/NDF : 260.8/18

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 204.268+/-0.079 χ^2/NDF : 546814.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 190.617+/-0.071 χ^2/NDF : 784553.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

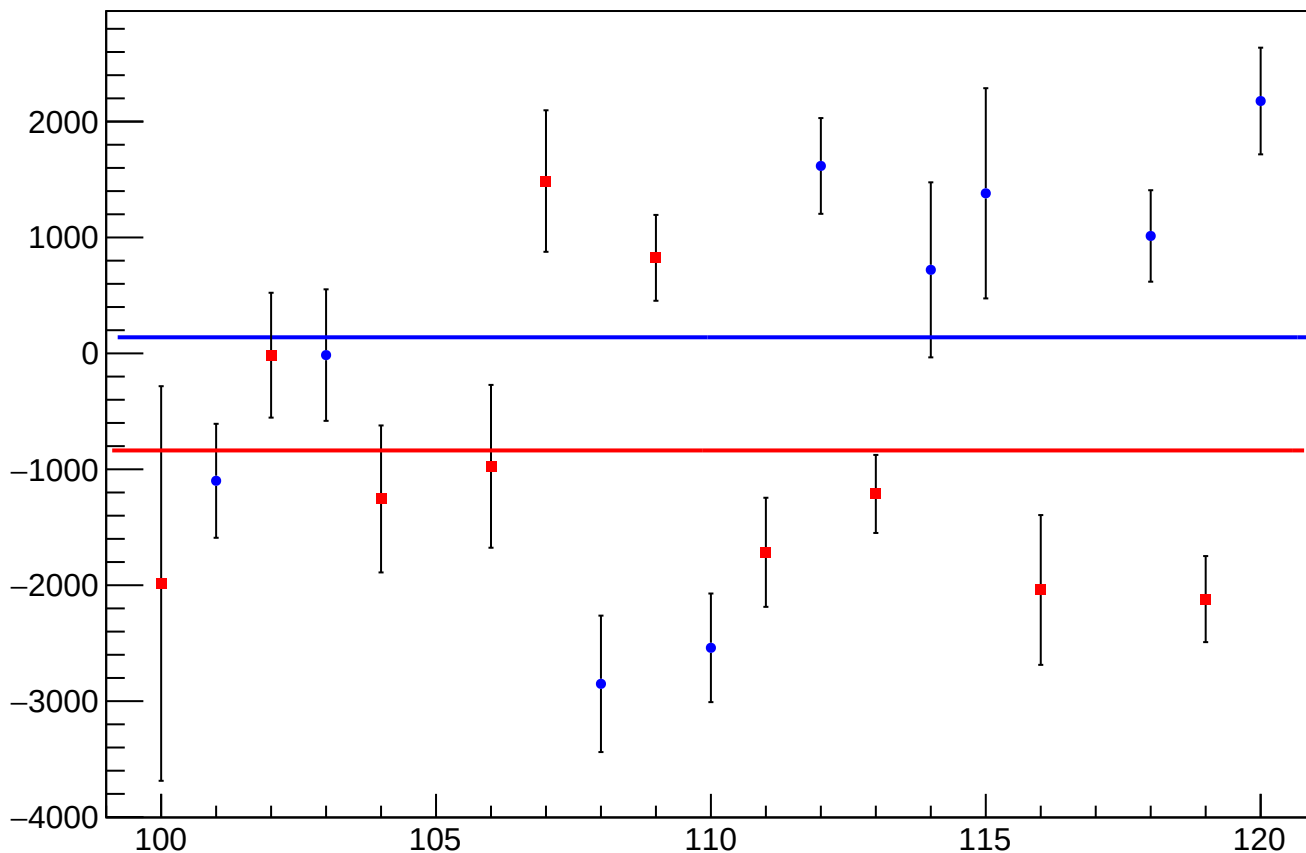
Right: 196.711+/-0.053 χ^2/NDF : 1347762.1/18

In: 204.268+/-0.079 χ^2/NDF : 546814.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 196.711+/-0.053 χ^2/NDF : 1347762.1/18

asym_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: 138.903+/-169.845 χ^2/NDF : 104.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -837.232+/-155.646 χ^2/NDF : 58.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

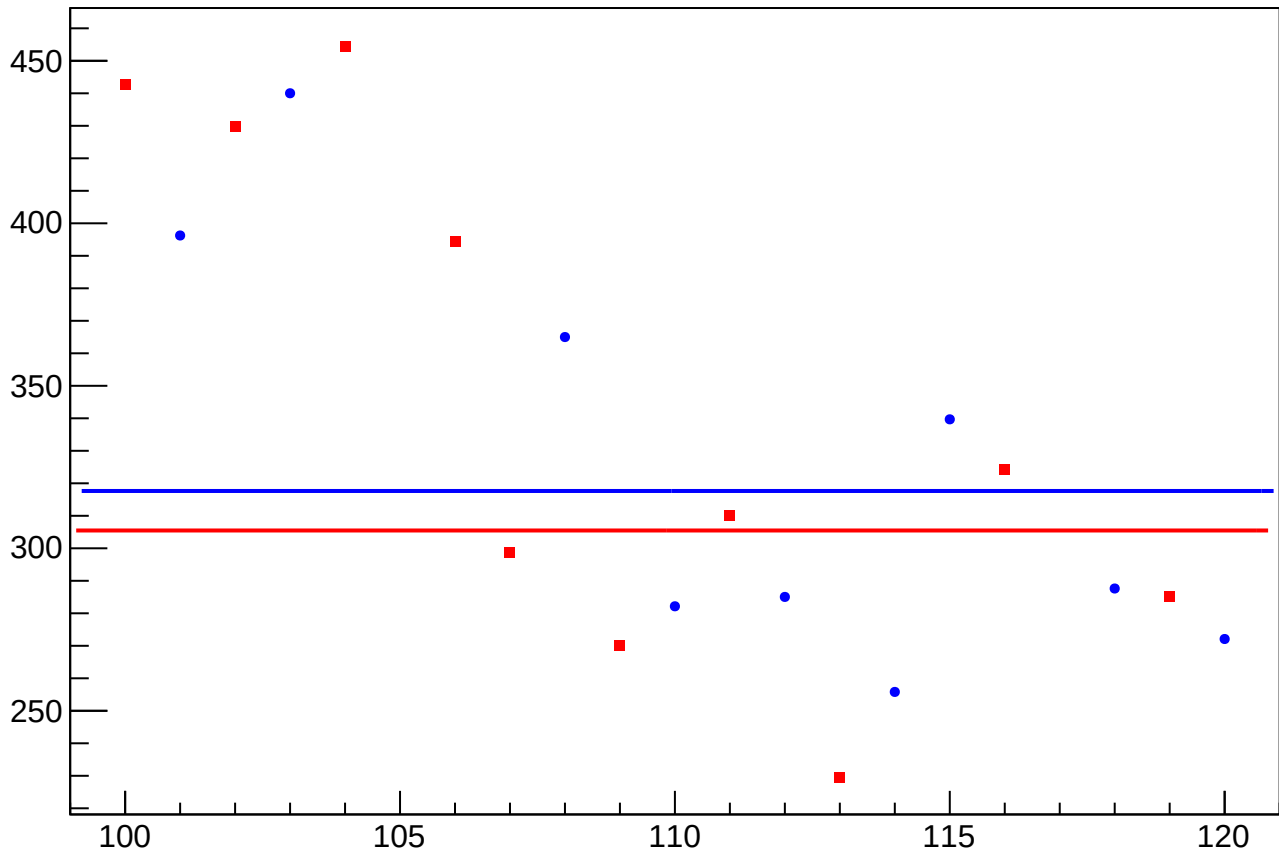
Right: -391.665+/-114.750 χ^2/NDF : 180.7/18

In: 138.903+/-169.845 χ^2/NDF :104.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -391.665+/-114.750 χ^2/NDF : 180.7/18

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 317.639+/-0.120 χ^2/NDF : 226839.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 305.482+/-0.110 χ^2/NDF : 390169.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

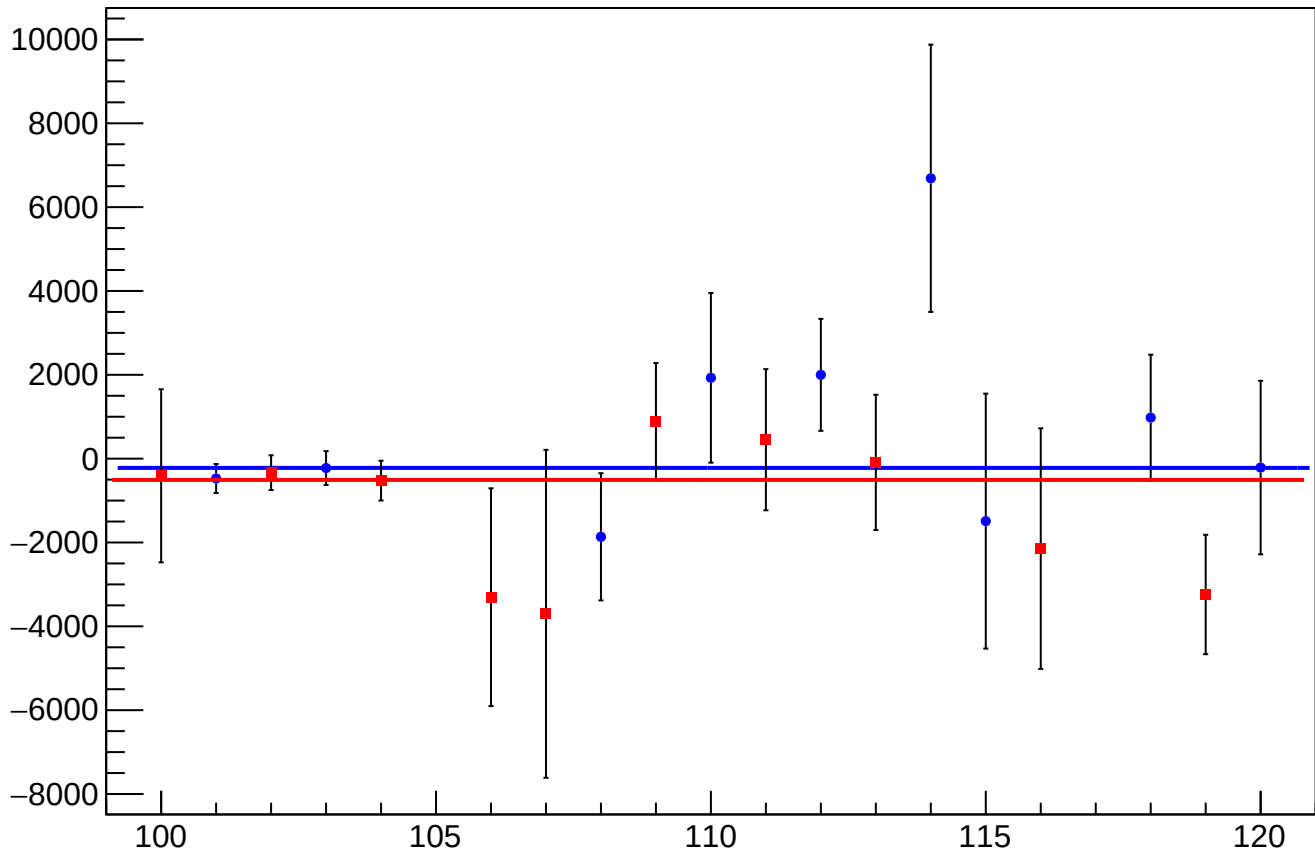
Right: 311.031+/-0.081 χ^2/NDF : 622579.0/18

In: 317.639+/-0.120 χ^2/NDF : 226839.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 311.031+/-0.081 χ^2/NDF : 622579.0/18

asym_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: -220.133+/-245.415 χ^2 /NDF: 11.1/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -506.280+/-282.045 χ^2 /NDF: 7.4/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

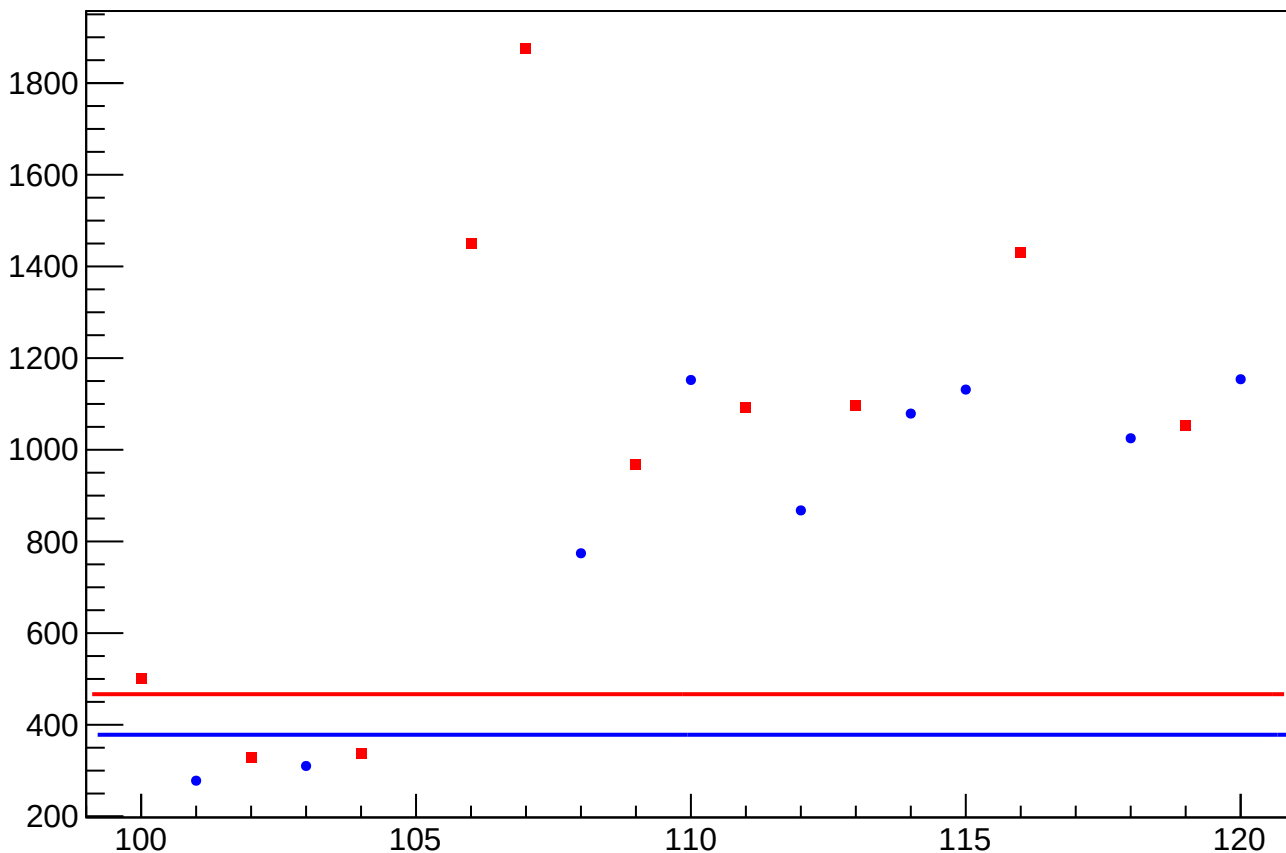
Right: -343.430+/-185.140 χ^2 /NDF: 19.1/18

In: -220.133+/-245.415 χ^2 /NDF:11.1/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -343.430+/-185.140 χ^2 /NDF: 19.1/18

asym_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 378.260+/-0.174 χ^2/NDF : 1793454.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 466.758+/-0.199 χ^2/NDF : 2318956.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

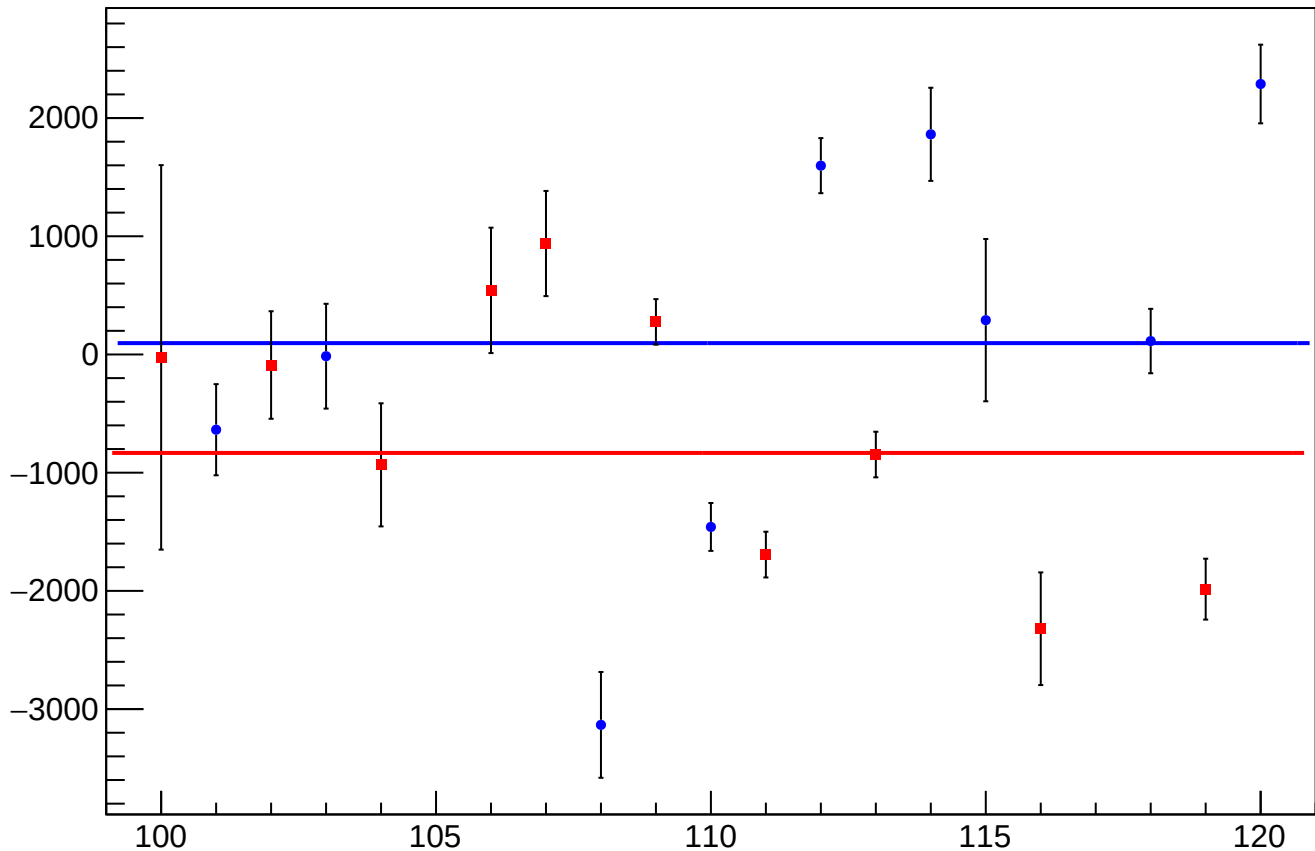
Right: 416.393+/-0.131 χ^2/NDF : 4224471.9/18

In: 378.260+/-0.174 χ^2/NDF :1793454.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 416.393+/-0.131 χ^2/NDF : 4224471.9/18

asym_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: 96.066+/-105.026 χ^2/NDF : 219.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -832.998+/-92.245 χ^2/NDF : 108.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

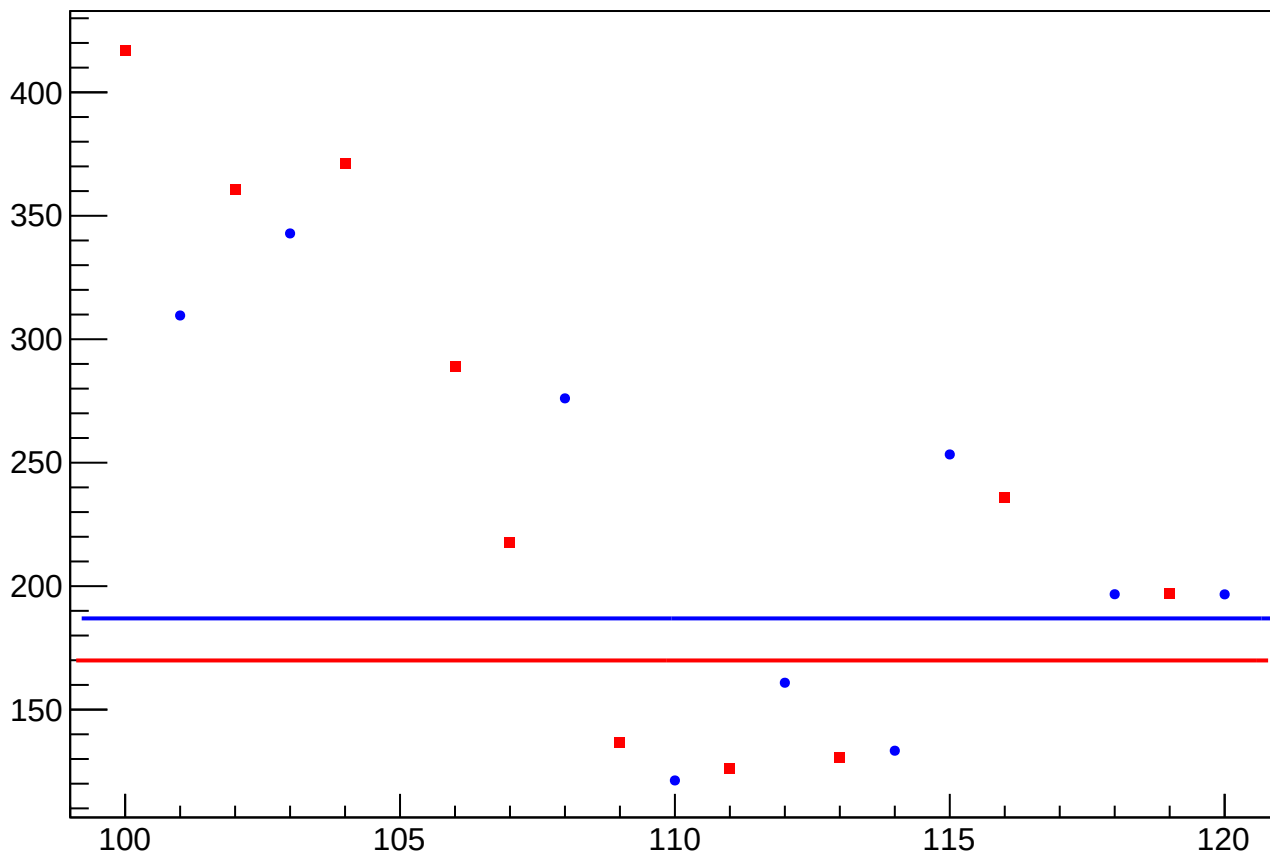
Right: -428.403+/-69.308 χ^2/NDF : 372.1/18

In: 96.066+/-105.026 χ^2/NDF : 219.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -428.403+/-69.308 χ^2/NDF : 372.1/18

asym_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 186.936+/-0.074 χ^2/NDF : 823981.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.908+/-0.065 χ^2/NDF : 1127018.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

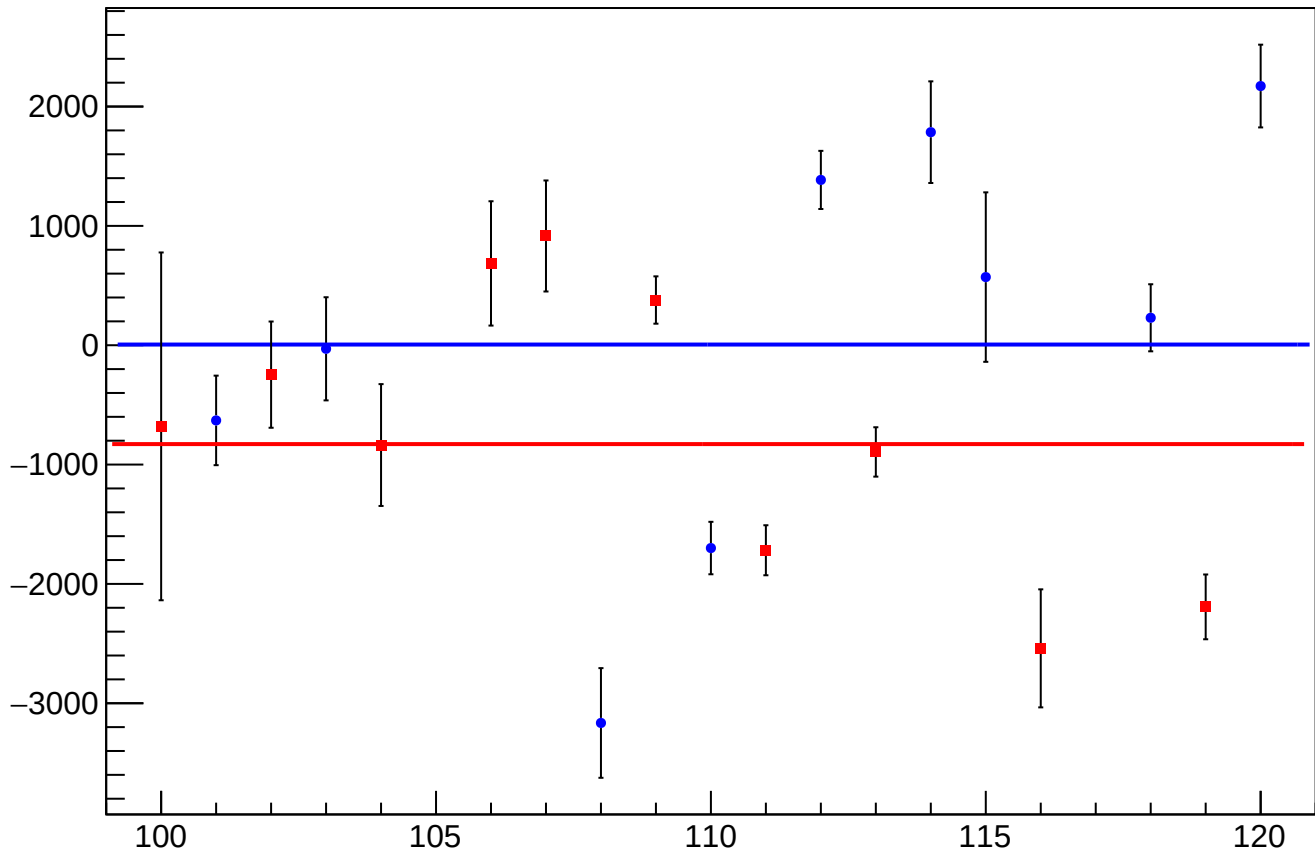
Right: 177.323+/-0.049 χ^2/NDF : 1980678.6/18

In: 186.936+/-0.074 χ^2/NDF : 823981.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.323+/-0.049 χ^2/NDF : 1980678.6/18

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: 5.732+/-109.602 χ^2/NDF : 200.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -828.401+/-96.718 χ^2/NDF : 116.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

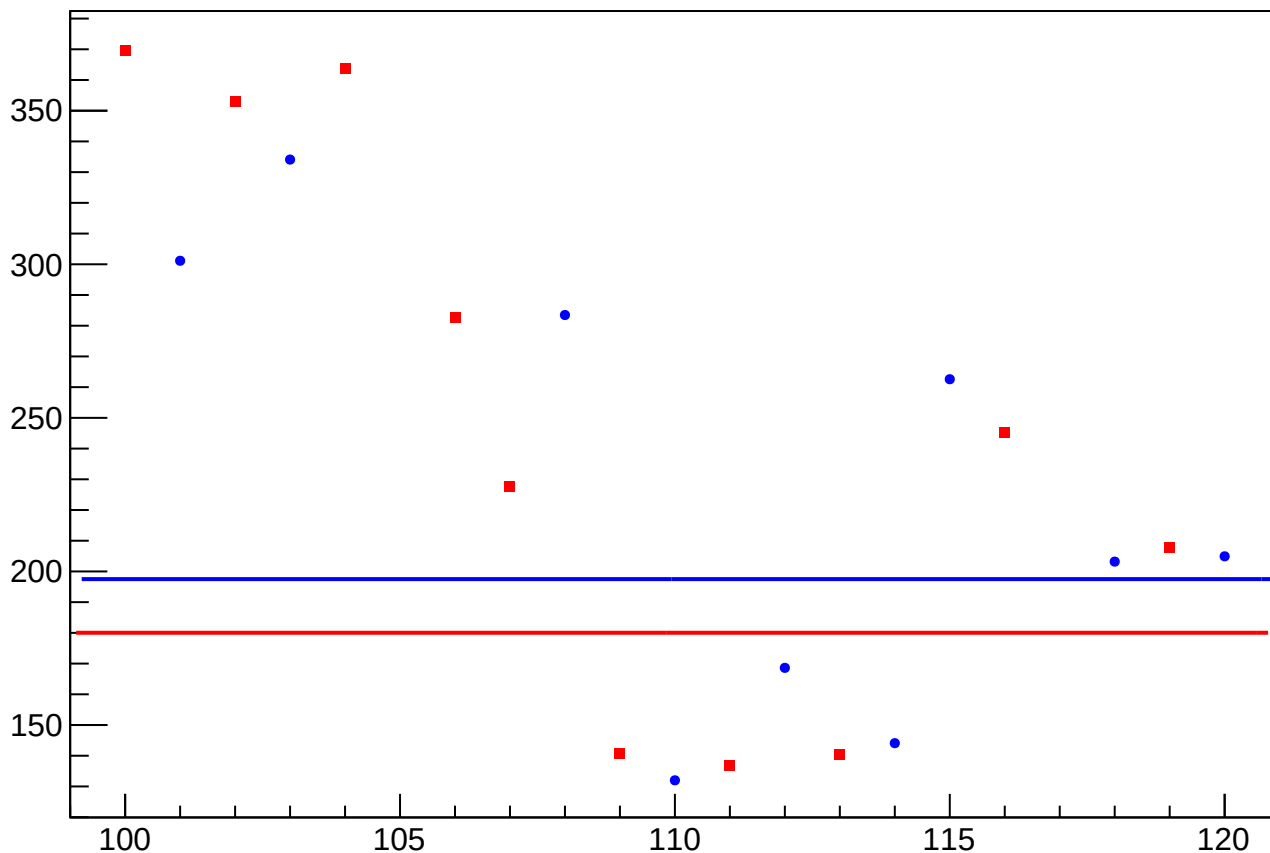
Right: -463.219+/-72.520 χ^2/NDF : 349.8/18

In: 5.732+/-109.602 χ^2/NDF : 200.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -463.219+/-72.520 χ^2/NDF : 349.8/18

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 197.504+/-0.078 χ^2/NDF : 678433.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 180.038+/-0.068 χ^2/NDF : 985650.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

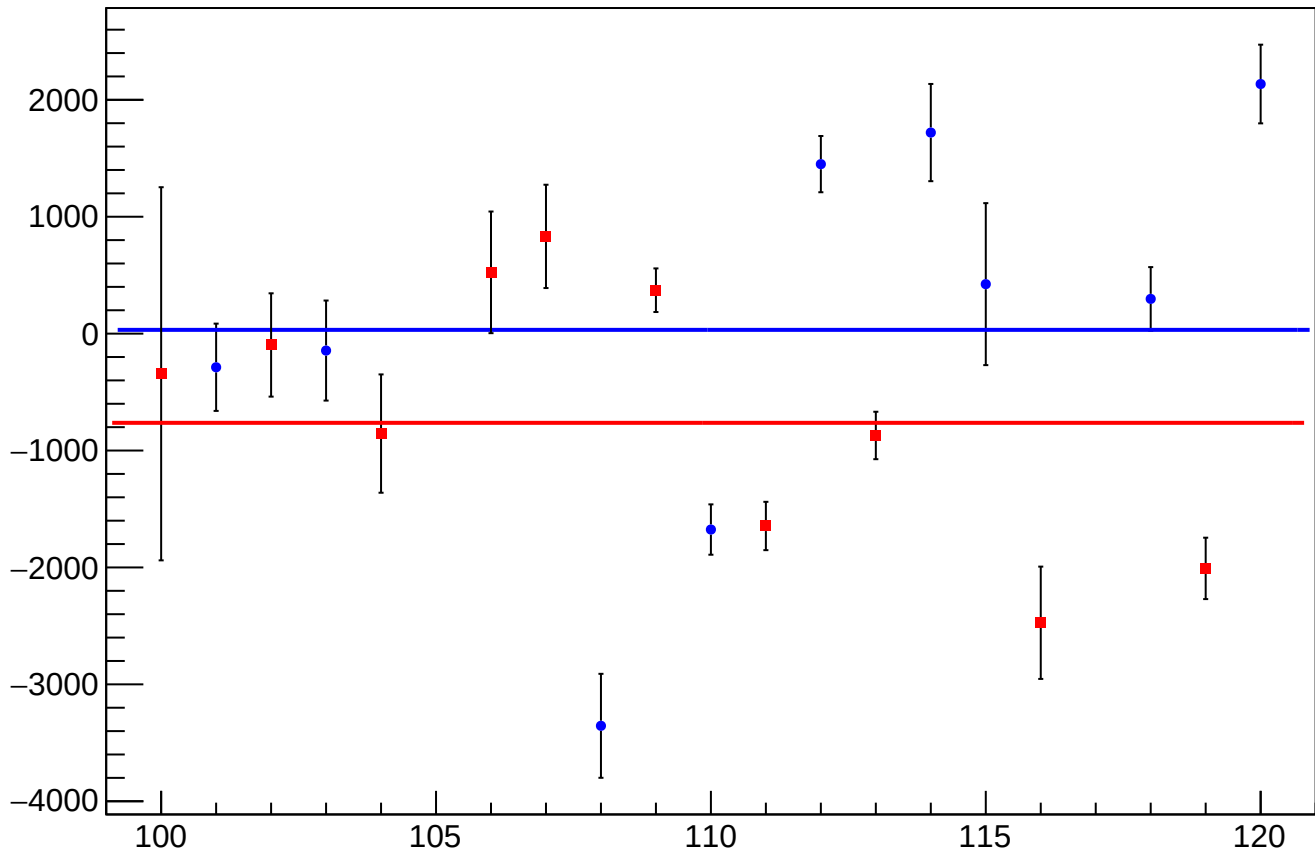
Right: 187.685+/-0.051 χ^2/NDF : 1692636.7/18

In: 197.504+/-0.078 χ^2/NDF : 678433.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 187.685+/-0.051 χ^2/NDF : 1692636.7/18

asym_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: 32.288+/-107.356 χ^2/NDF : 213.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -762.966+/-93.854 χ^2/NDF : 112.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

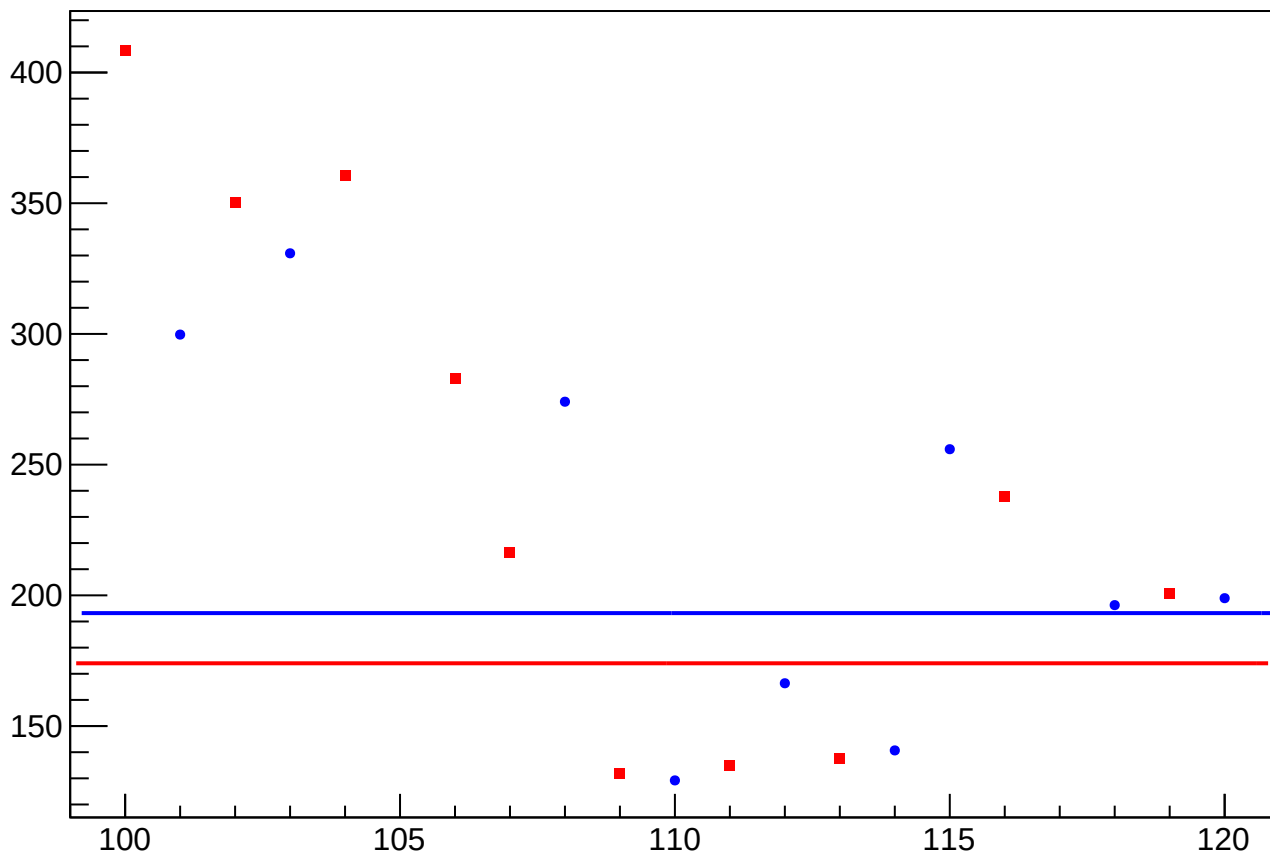
Right: -418.464+/-70.659 χ^2/NDF : 356.7/18

In: 32.288+/-107.356 χ^2/NDF : 213.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -418.464+/-70.659 χ^2/NDF : 356.7/18

asym_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 193.207+/-0.076 χ^2/NDF : 686636.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.011+/-0.066 χ^2/NDF : 1033082.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

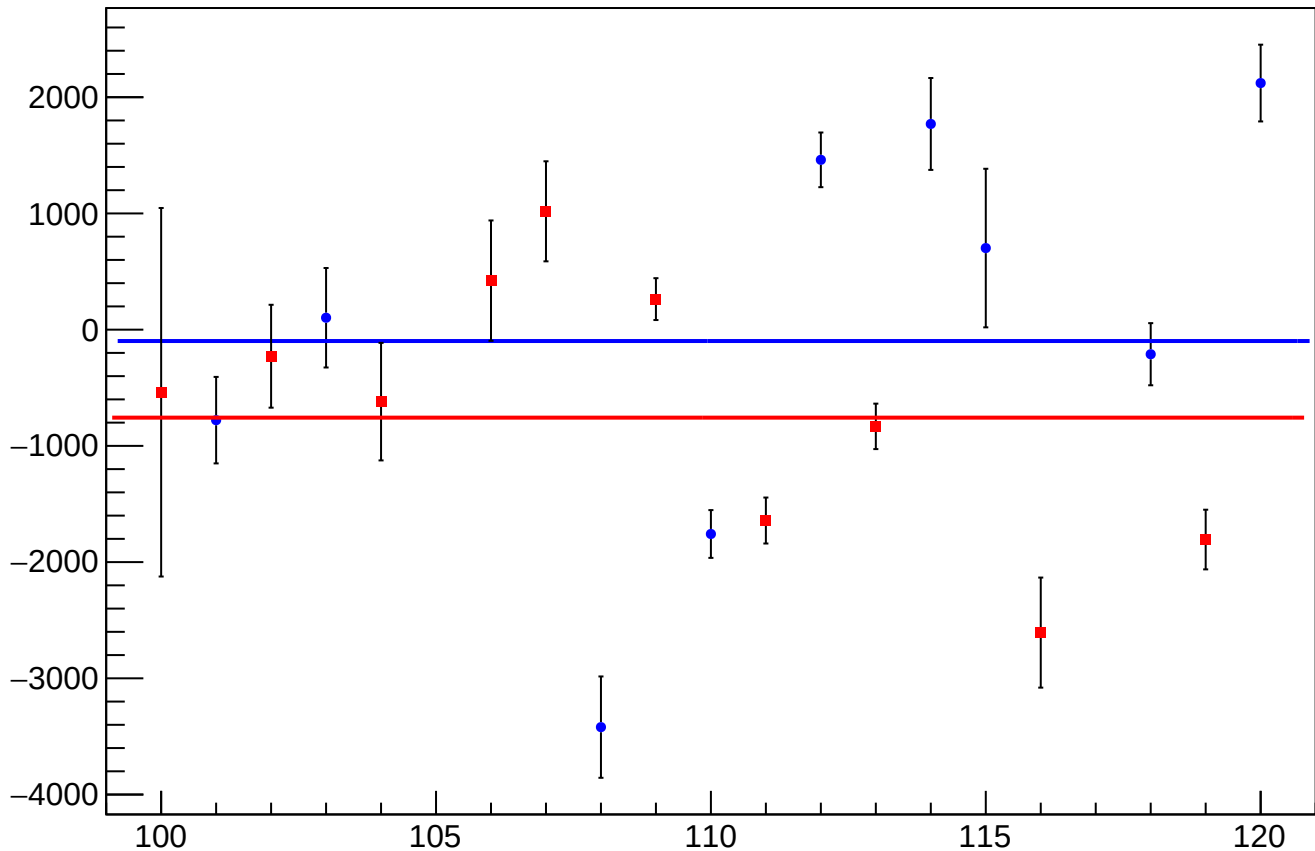
Right: 182.327+/-0.050 χ^2/NDF : 1755964.4/18

In: 193.207+/-0.076 χ^2/NDF : 686636.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.327+/-0.050 χ^2/NDF : 1755964.4/18

asym_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: -97.822+/-104.600 χ^2/NDF : 239.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -757.009+/-90.999 χ^2/NDF : 107.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

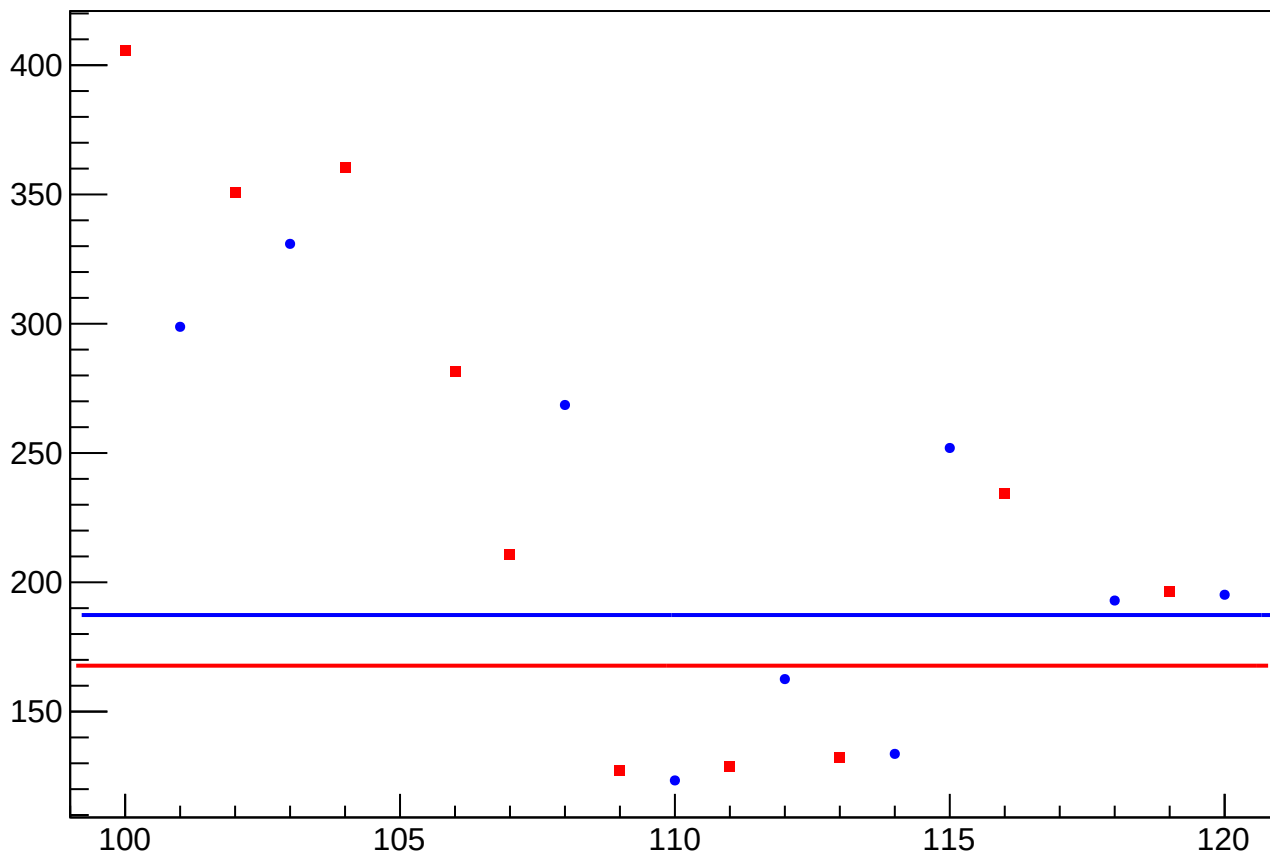
Right: -473.033+/-68.655 χ^2/NDF : 370.4/18

In: -97.822+/-104.600 χ^2/NDF : 239.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -473.033+/-68.655 χ^2/NDF : 370.4/18

asym_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 187.341+/-0.074 χ^2/NDF : 746695.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 167.755+/-0.064 χ^2/NDF : 1103148.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

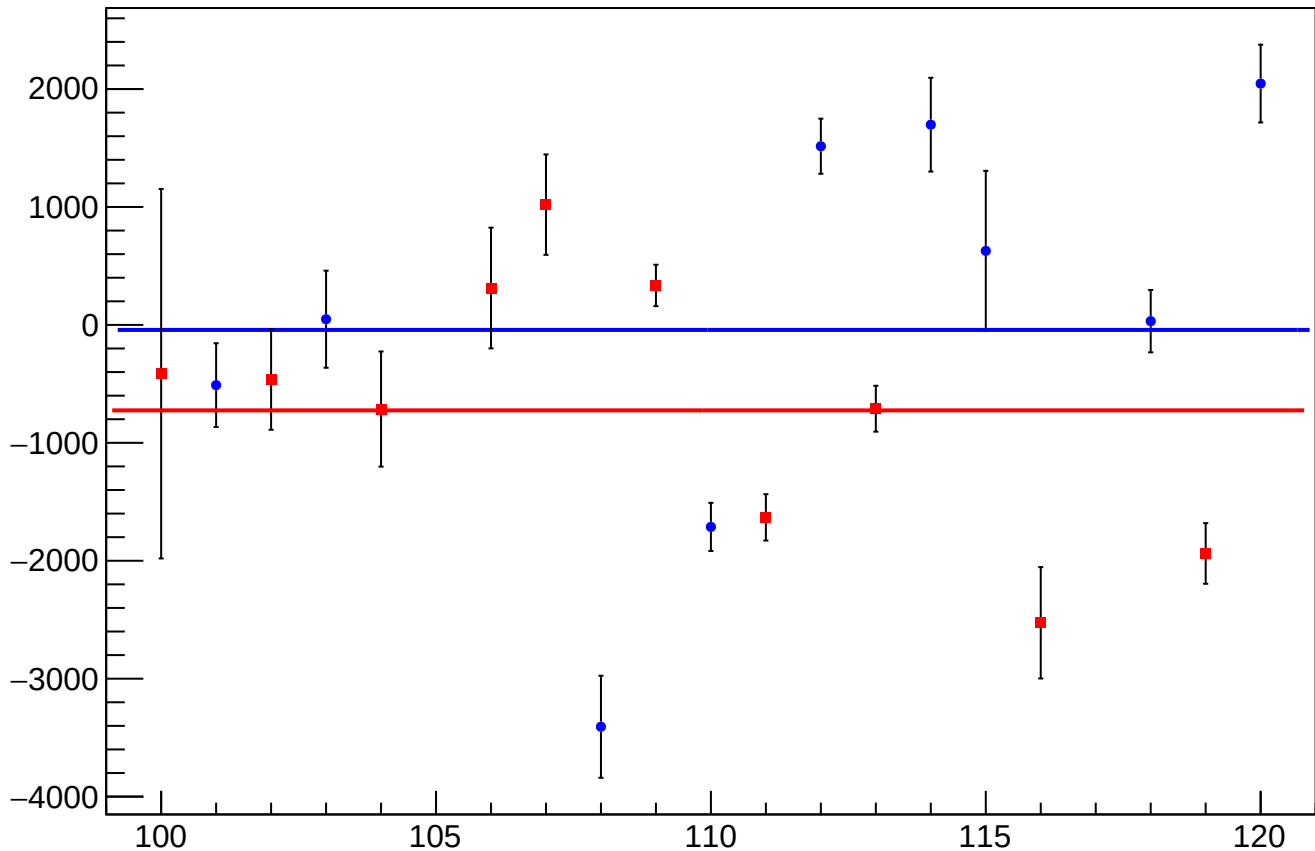
Right: 176.193+/-0.049 χ^2/NDF : 1889758.7/18

In: 187.341+/-0.074 χ^2/NDF :746695.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 176.193+/-0.049 χ^2/NDF : 1889758.7/18

asym_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: -42.438+/-103.428 χ^2/NDF : 234.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -724.688+/-89.869 χ^2/NDF : 115.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

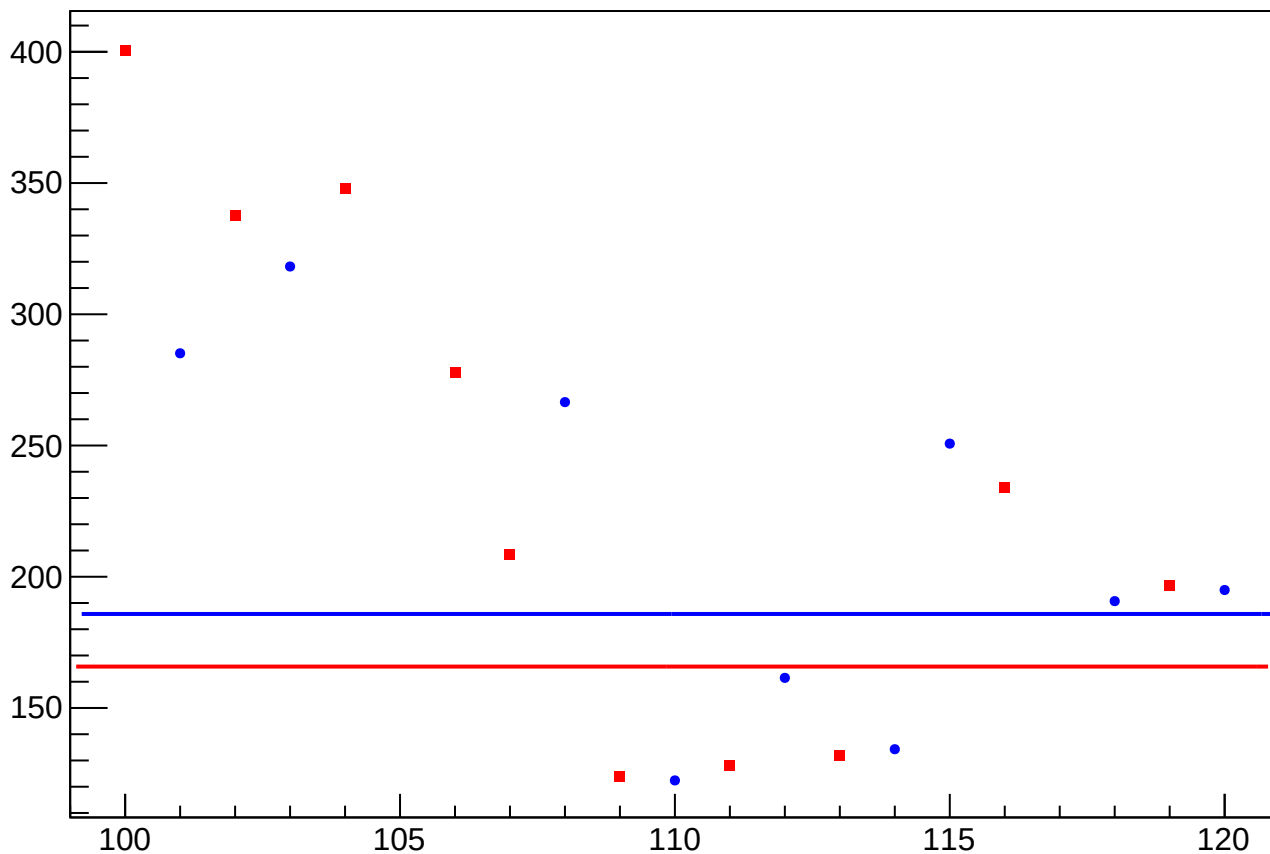
Right: -431.185+/-67.838 χ^2/NDF : 374.6/18

In: -42.438+/-103.428 χ^2/NDF :234.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -431.185+/-67.838 χ^2/NDF : 374.6/18

asym_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 185.820+/-0.073 χ^2/NDF : 701564.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.776+/-0.064 χ^2/NDF : 1083649.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

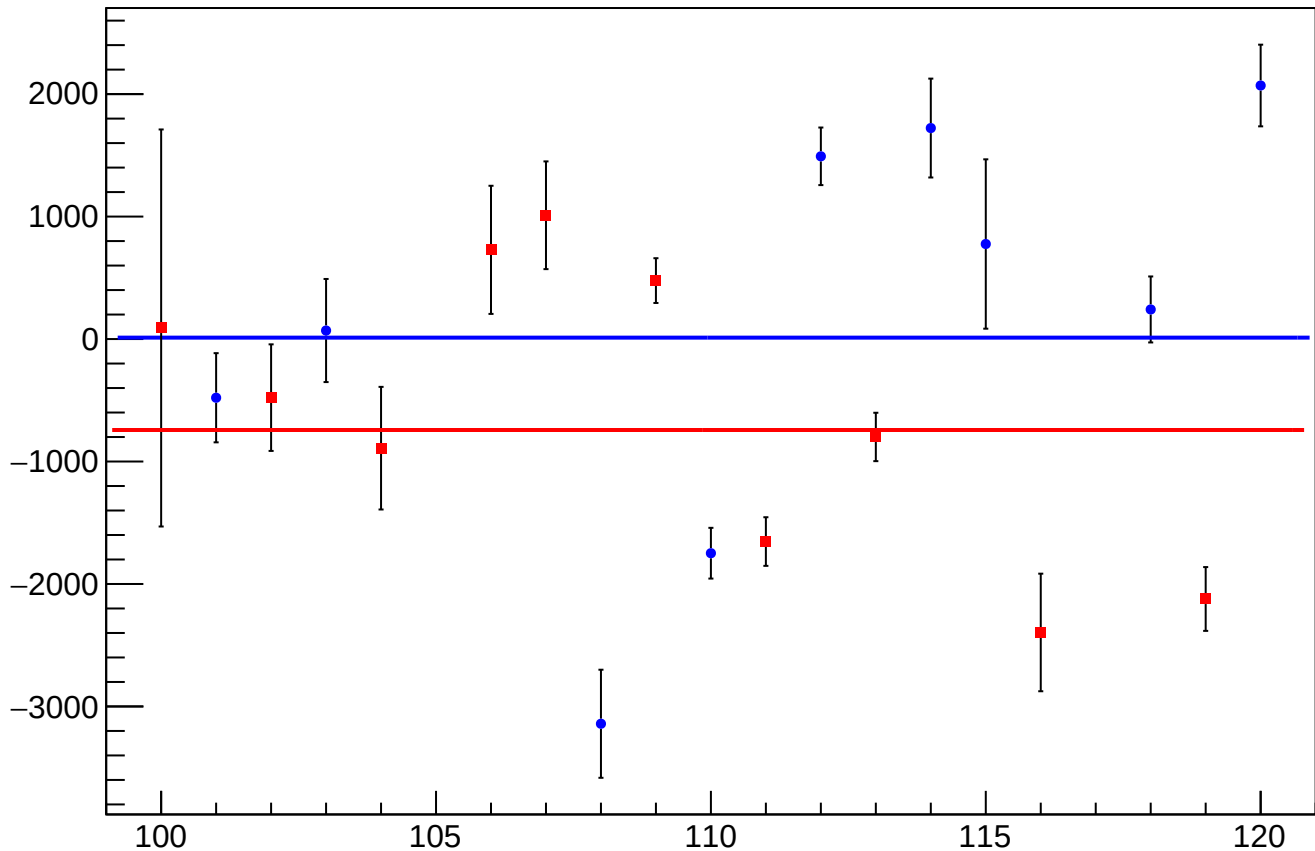
Right: 174.399+/-0.048 χ^2/NDF : 1828011.1/18

In: 185.820+/-0.073 χ^2/NDF : 701564.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 174.399+/-0.048 χ^2/NDF : 1828011.1/18

asym_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 11.540+/-104.987 χ^2/NDF : 222.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -742.661+/-91.867 χ^2/NDF : 130.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

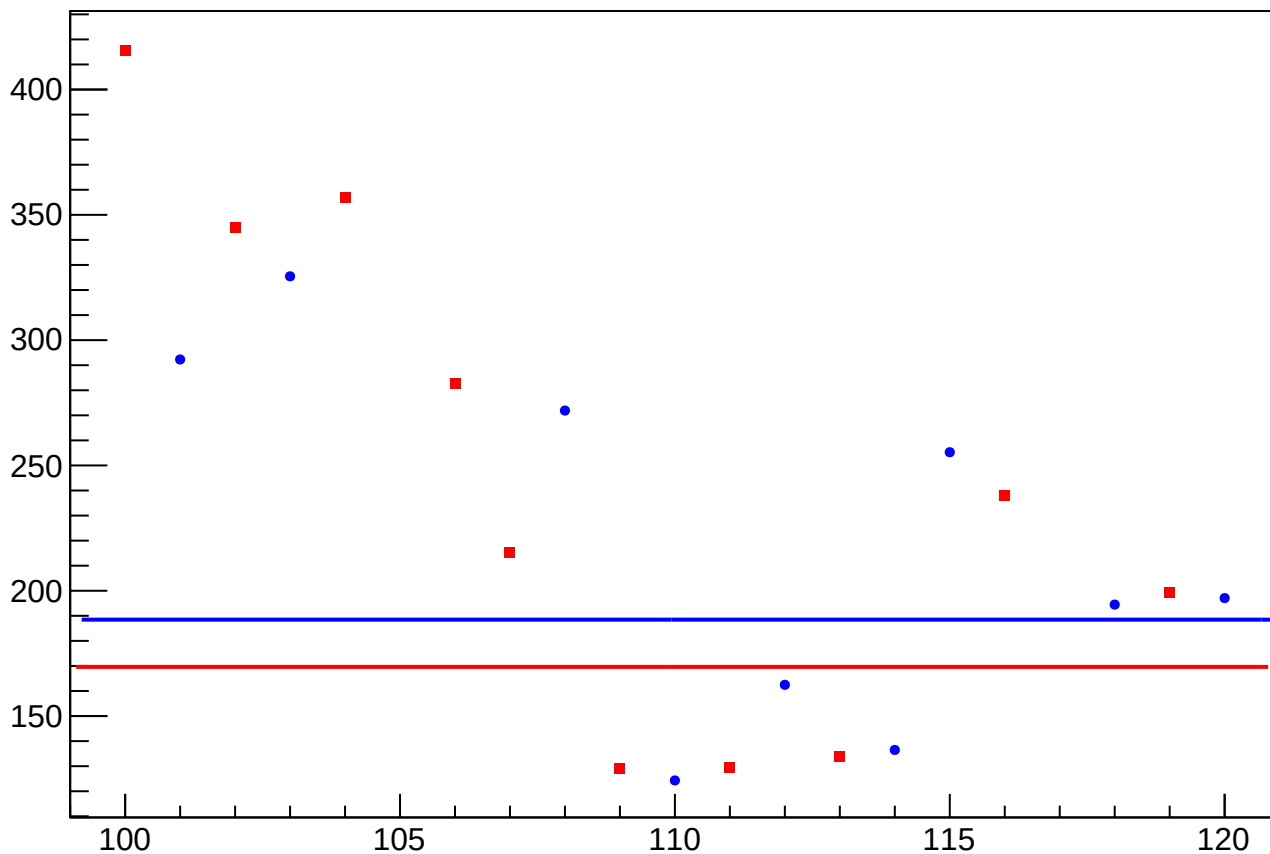
Right: -415.604+/-69.136 χ^2/NDF : 382.2/18

In: 11.540+/-104.987 χ^2/NDF : 222.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -415.604+/-69.136 χ^2/NDF : 382.2/18

asym_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 188.469+/-0.074 χ^2/NDF : 716462.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.612+/-0.065 χ^2/NDF : 1076209.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

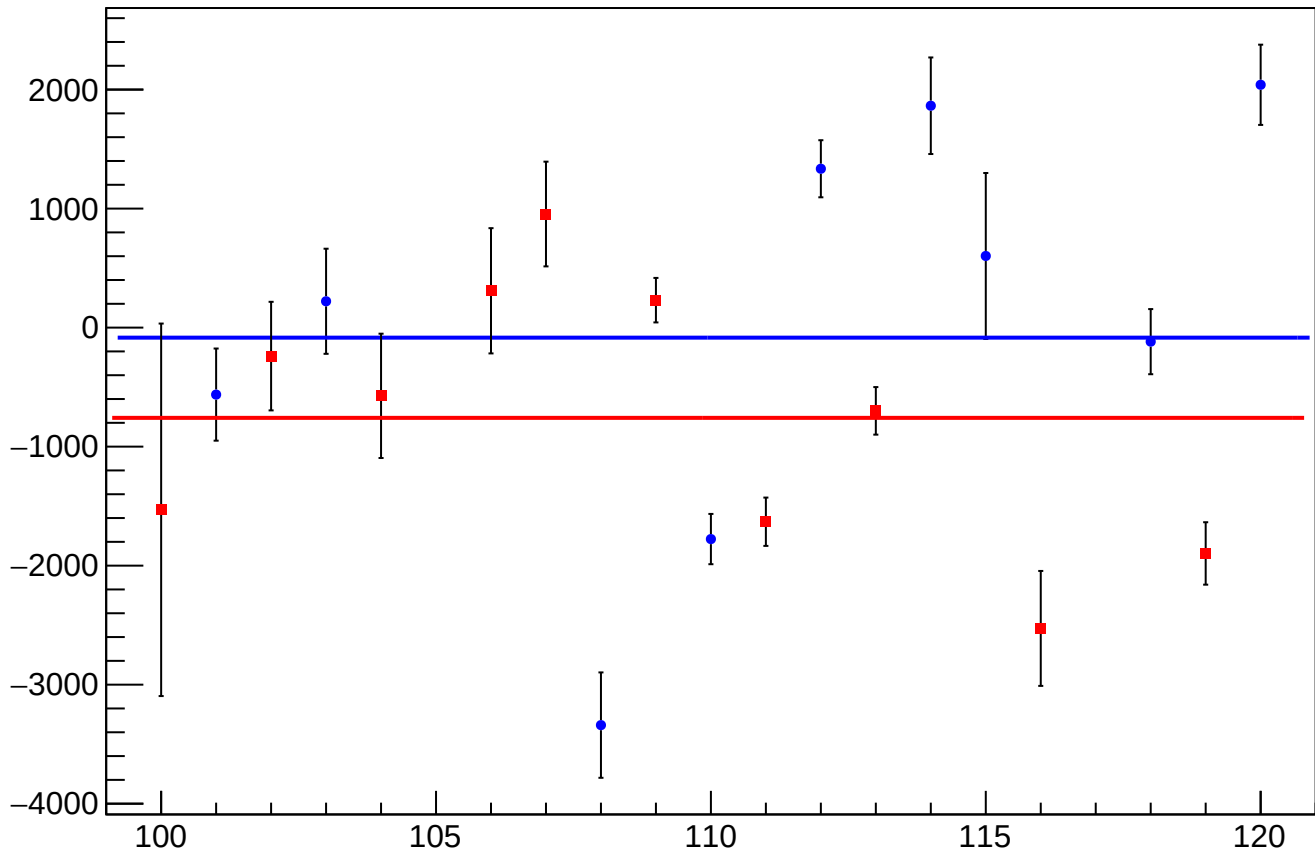
Right: 177.789+/-0.049 χ^2/NDF : 1829214.2/18

In: 188.469+/-0.074 χ^2/NDF : 716462.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.789+/-0.049 χ^2/NDF : 1829214.2/18

asym_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: -84.293+/-107.212 χ^2/NDF : 219.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -758.268+/-93.488 χ^2/NDF : 99.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

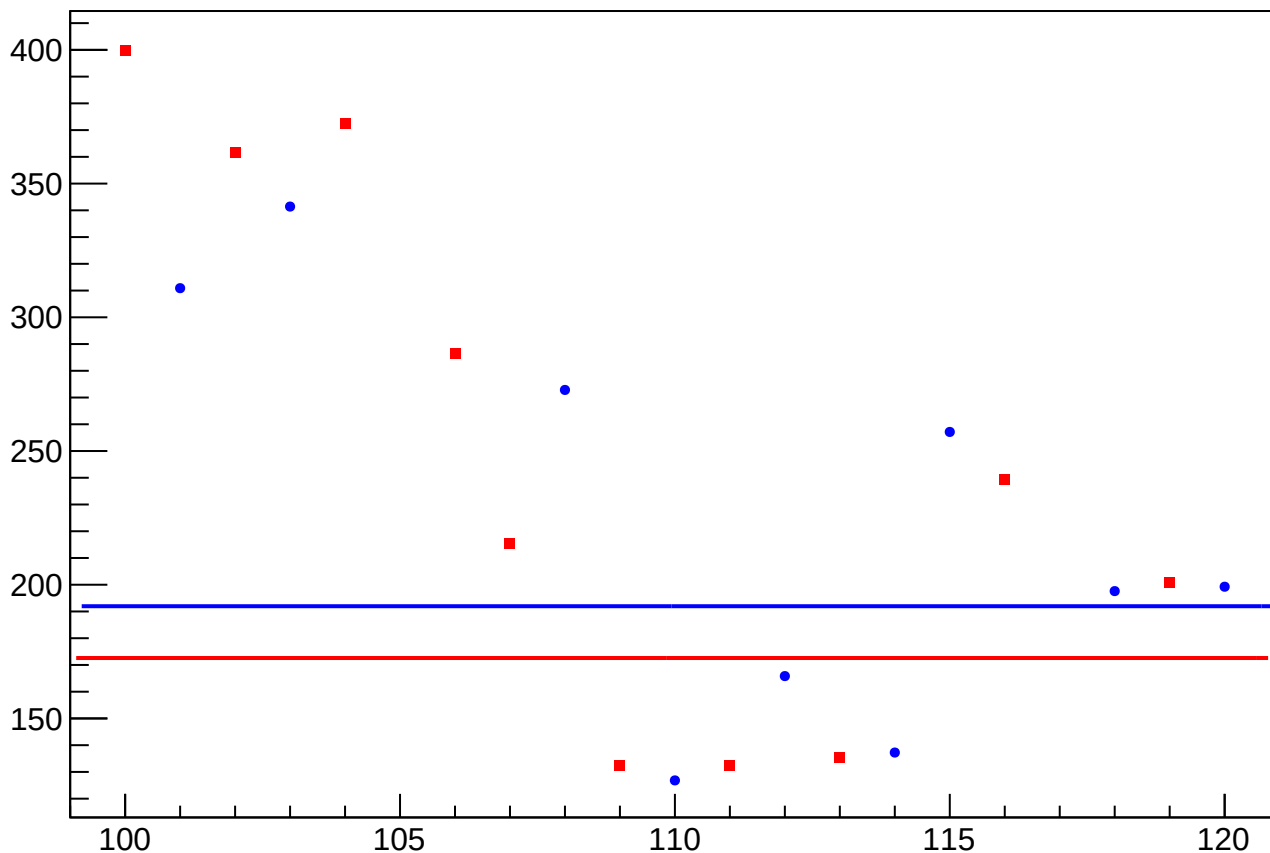
Right: -467.153+/-70.462 χ^2/NDF : 341.3/18

In: -84.293+/-107.212 χ^2/NDF : 219.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -467.153+/-70.462 χ^2/NDF : 341.3/18

asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 191.962+/-0.076 χ^2/NDF : 754223.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 172.597+/-0.066 χ^2/NDF : 1092886.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

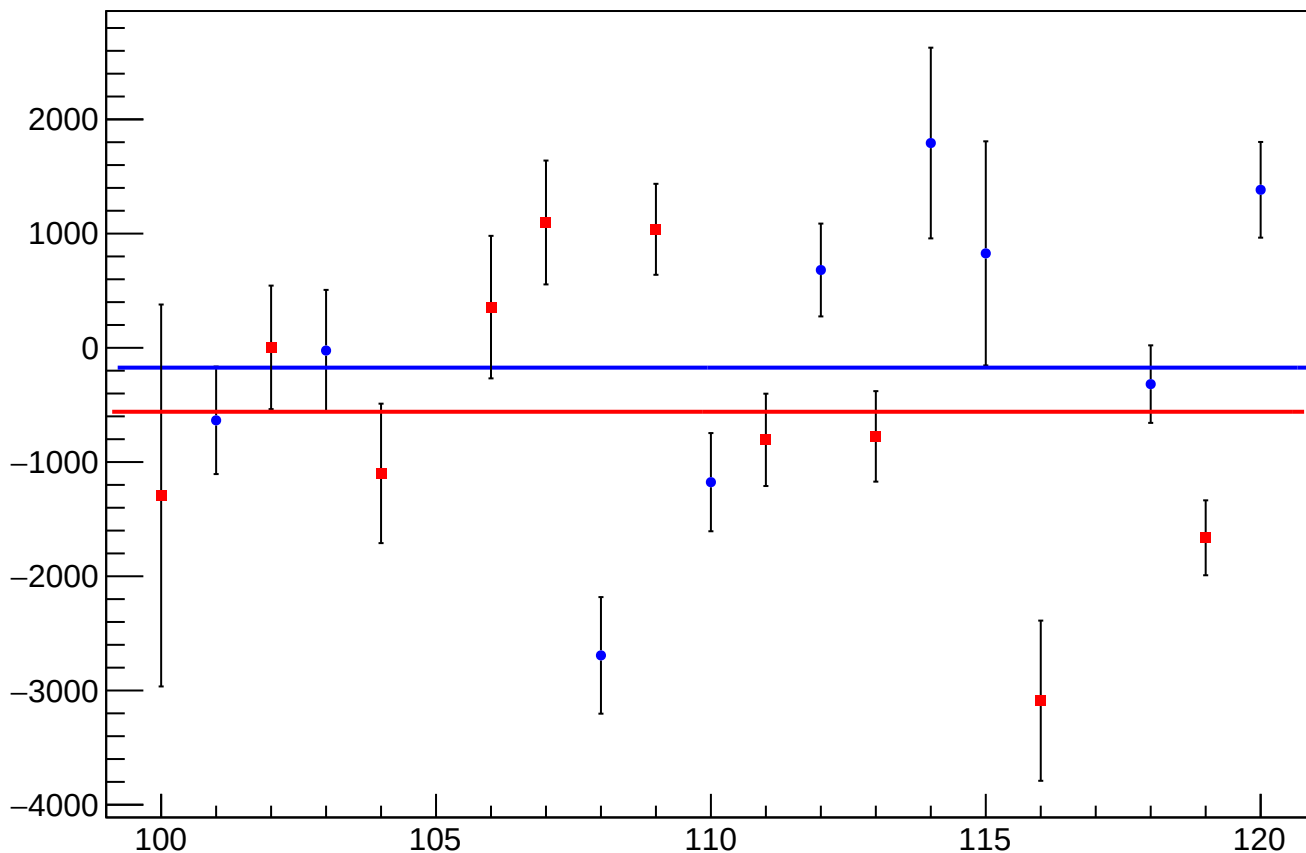
Right: 180.962+/-0.050 χ^2/NDF : 1884176.2/18

In: 191.962+/-0.076 χ^2/NDF : 754223.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.962+/-0.050 χ^2/NDF : 1884176.2/18

asym_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: -173.372+/-157.674 χ^2/NDF : 55.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -559.719+/-153.282 χ^2/NDF : 54.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

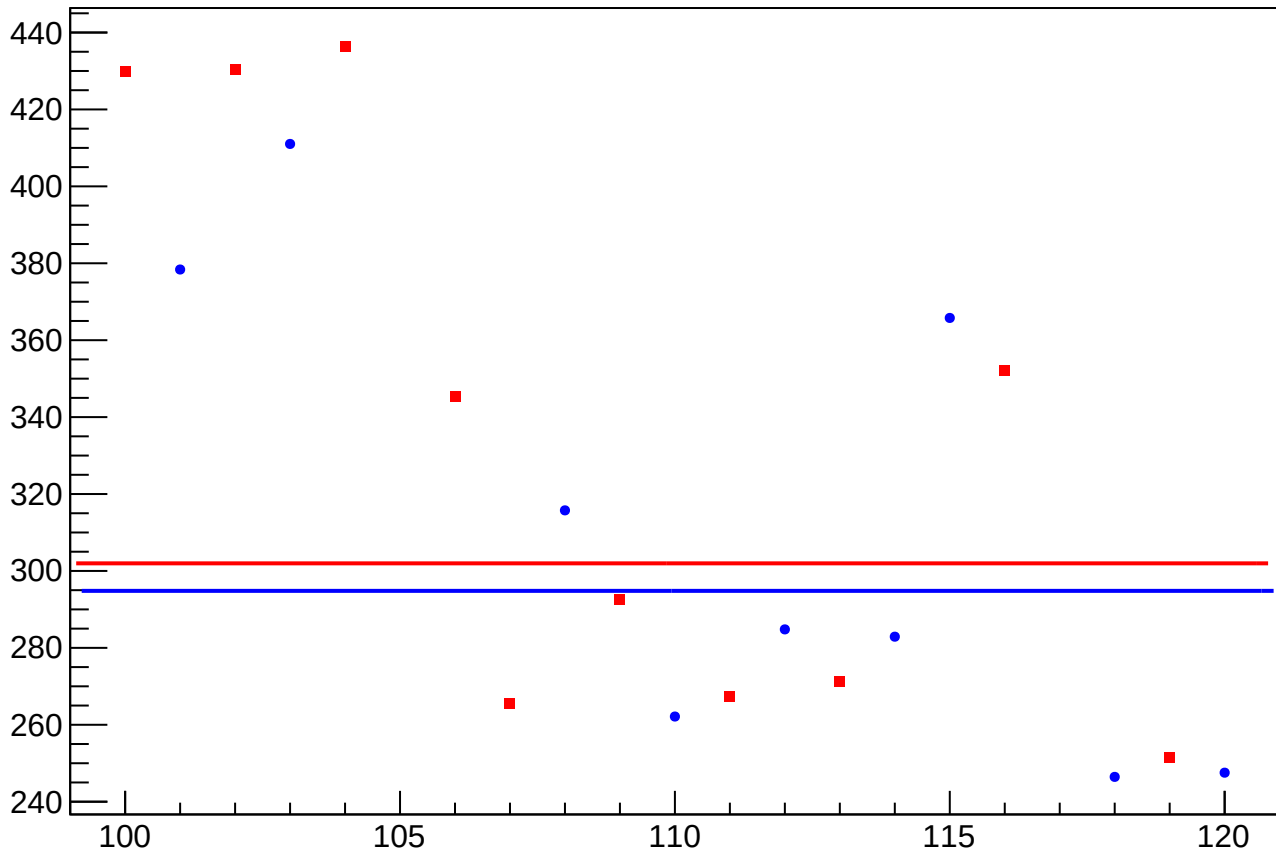
Right: -372.000+/-109.907 χ^2/NDF : 113.6/18

In: -173.372+/-157.674 χ^2/NDF :55.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -372.000+/-109.907 χ^2/NDF : 113.6/18

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 294.820+/-0.111 χ^2/NDF : 251961.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 301.976+/-0.108 χ^2/NDF : 325786.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

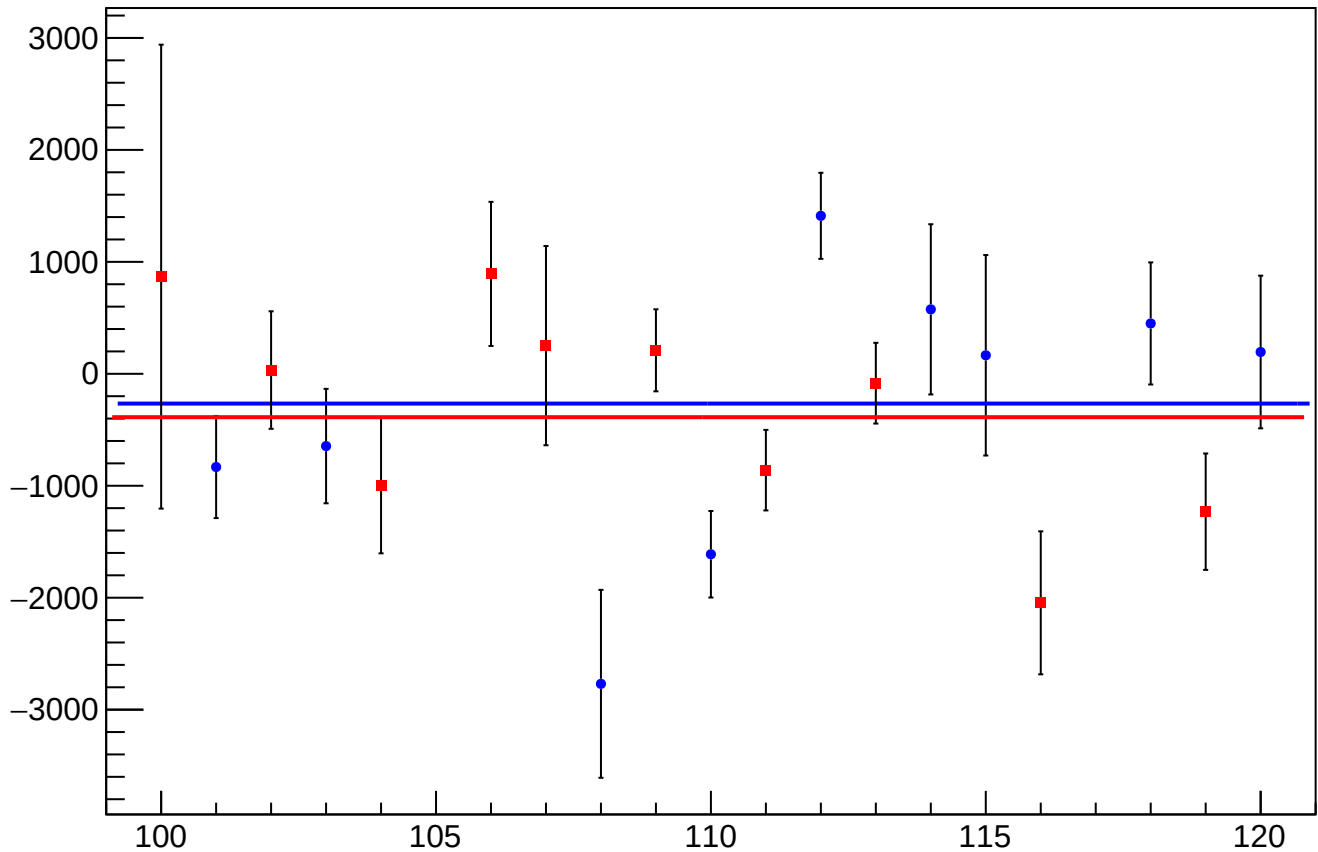
Right: 298.499+/-0.078 χ^2/NDF : 579865.7/18

In: 294.820+/-0.111 χ^2/NDF : 251961.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 298.499+/-0.078 χ^2/NDF : 579865.7/18

asym_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: -265.928+/-176.753 χ^2/NDF : 45.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -387.491+/-159.579 χ^2/NDF : 21.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

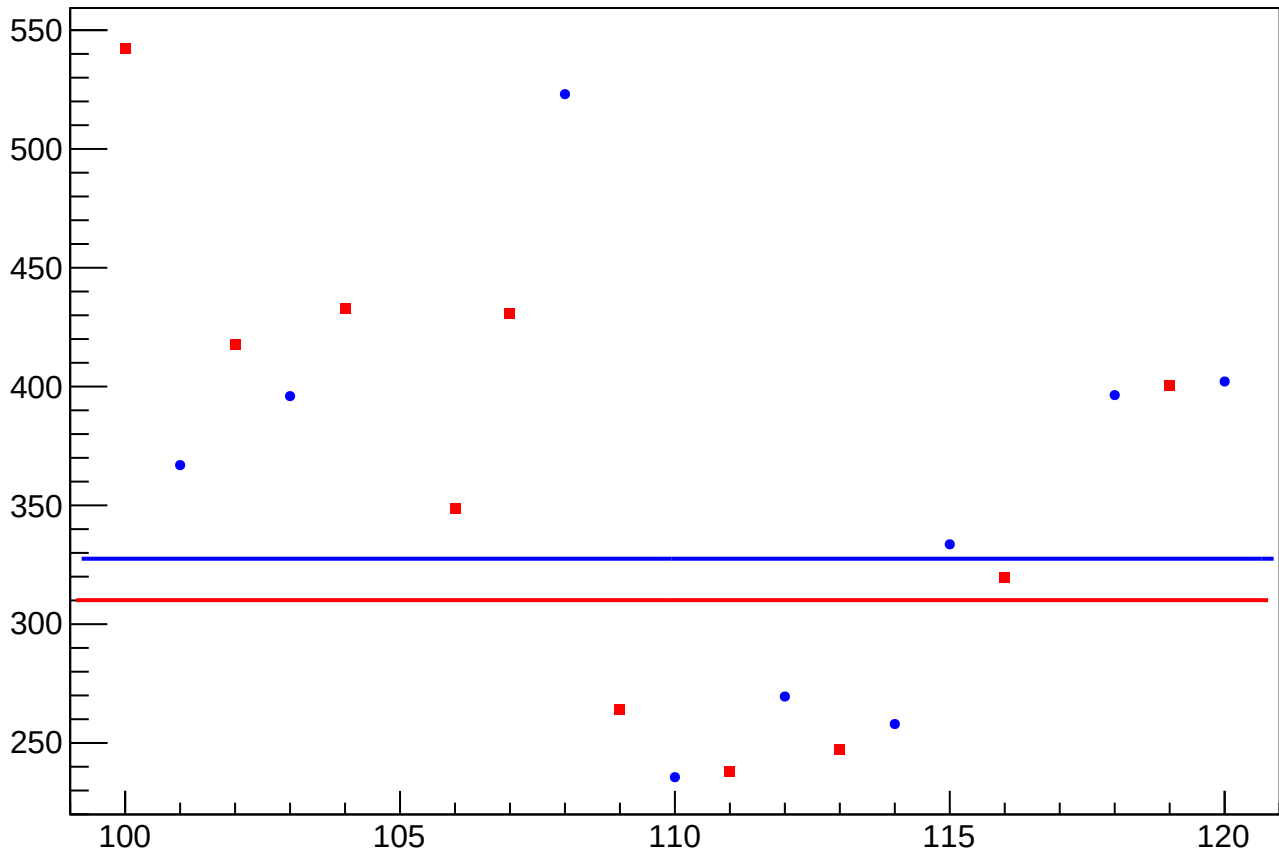
Right: -332.900+/-118.447 χ^2/NDF : 67.0/18

In: -265.928+/-176.753 χ^2/NDF : 45.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -332.900+/-118.447 χ^2/NDF : 67.0/18

asym_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 327.551+/-0.125 χ^2/NDF : 390654.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 310.106+/-0.113 χ^2/NDF : 468491.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

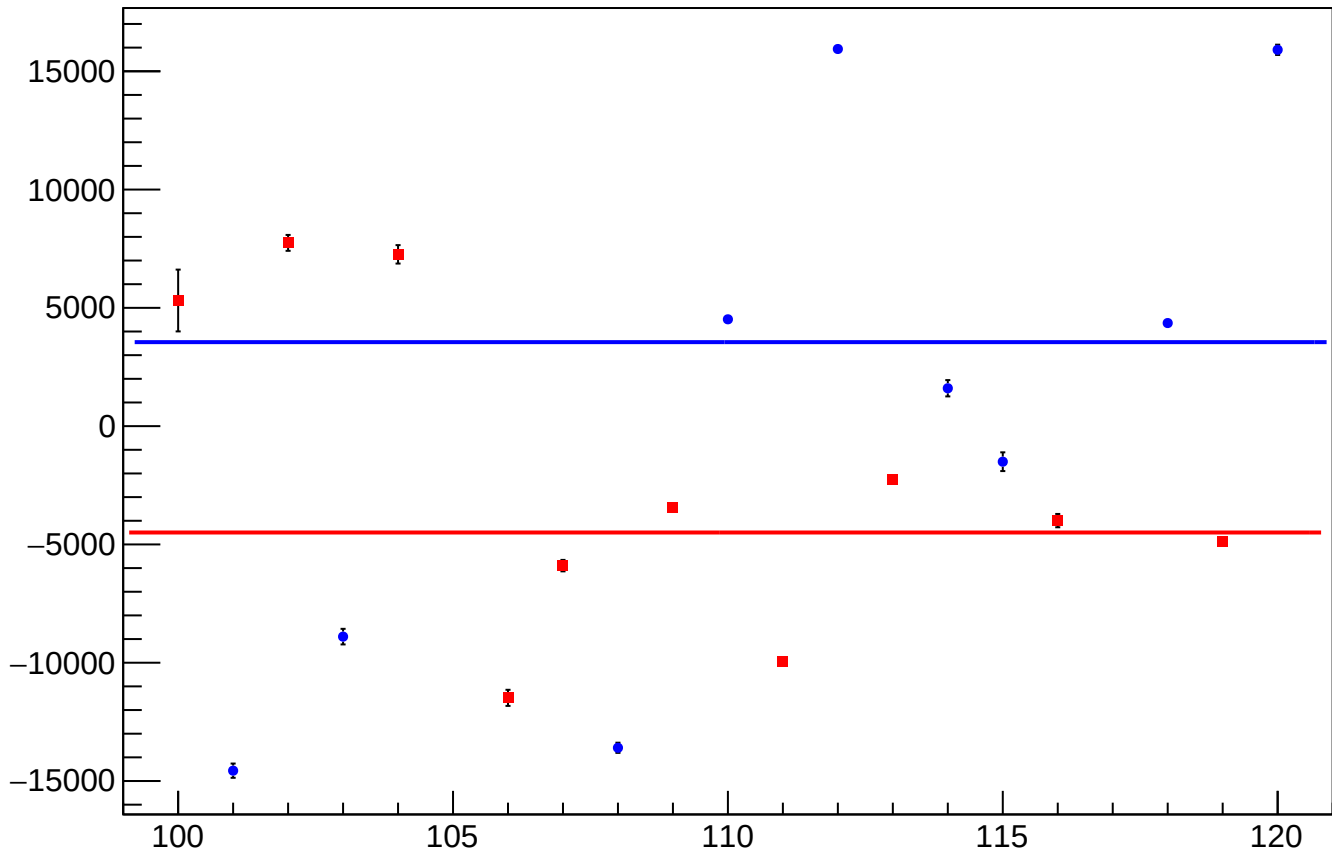
Right: 317.940+/-0.084 χ^2/NDF : 869879.0/18

In: 327.551+/-0.125 χ^2/NDF : 390654.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 317.940+/-0.084 χ^2/NDF : 869879.0/18

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 3550.815+/-74.538 χ^2/NDF : 19991.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4495.526+/-69.852 χ^2/NDF : 4220.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

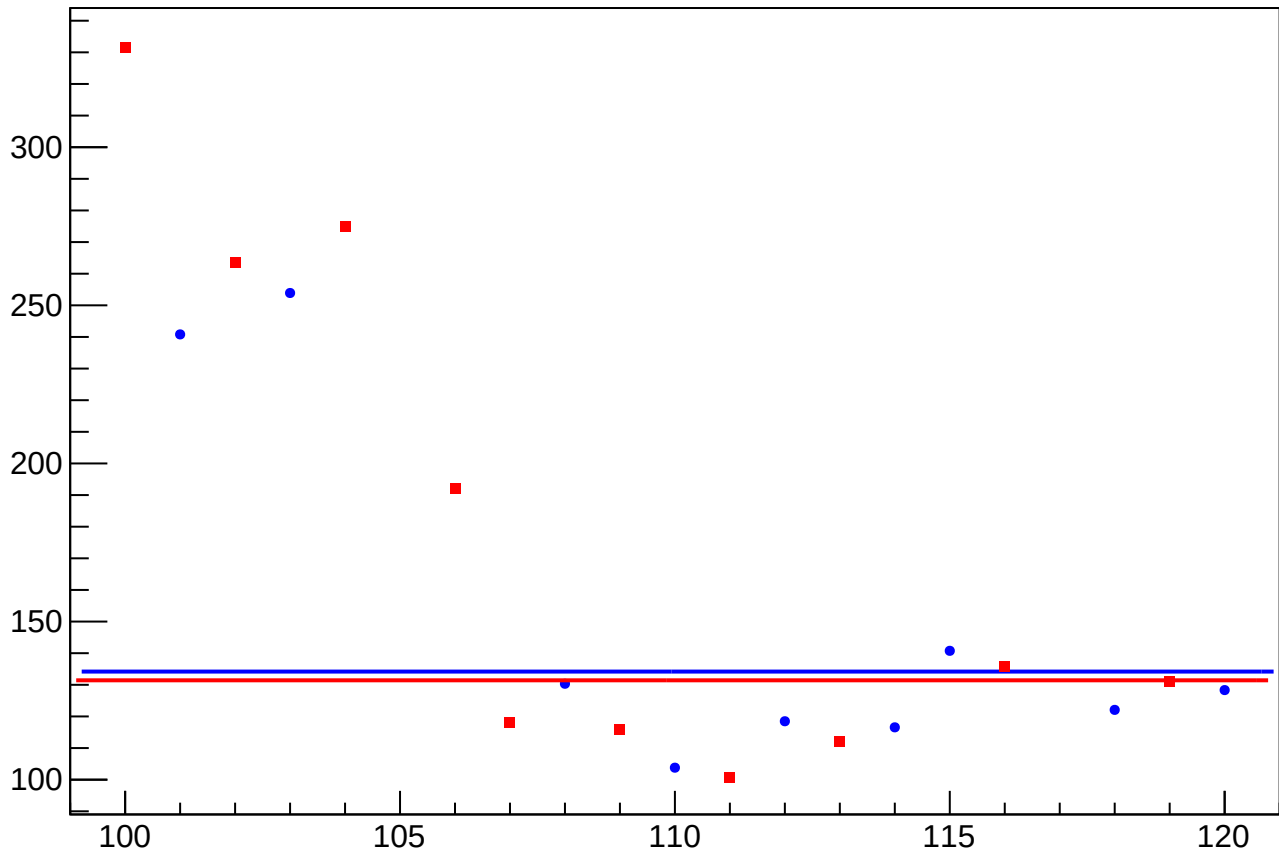
Right: -733.219+/-50.969 χ^2/NDF : 30416.1/18

In: 3550.815+/-74.538 χ^2/NDF :19991.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -733.219+/-50.969 χ^2/NDF : 30416.1/18

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 134.187+/-0.053 χ^2/NDF : 611054.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 131.423+/-0.049 χ^2/NDF : 820811.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

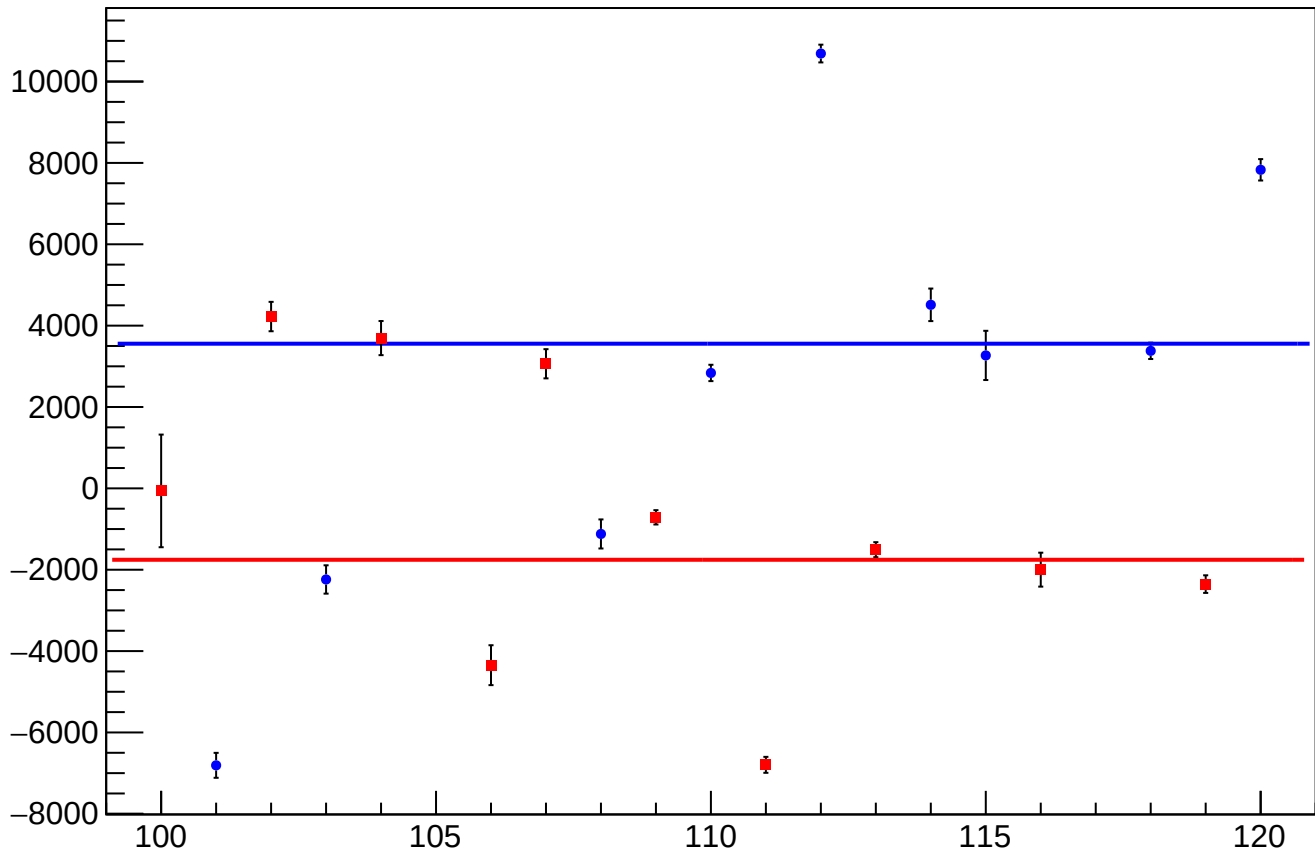
Right: 132.716+/-0.036 χ^2/NDF : 1433329.2/18

In: 134.187+/-0.053 χ^2/NDF : 611054.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.716+/-0.036 χ^2/NDF : 1433329.2/18

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 3556.137+/-90.967 χ^2/NDF : 2944.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1755.384+/-84.359 χ^2/NDF : 1358.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

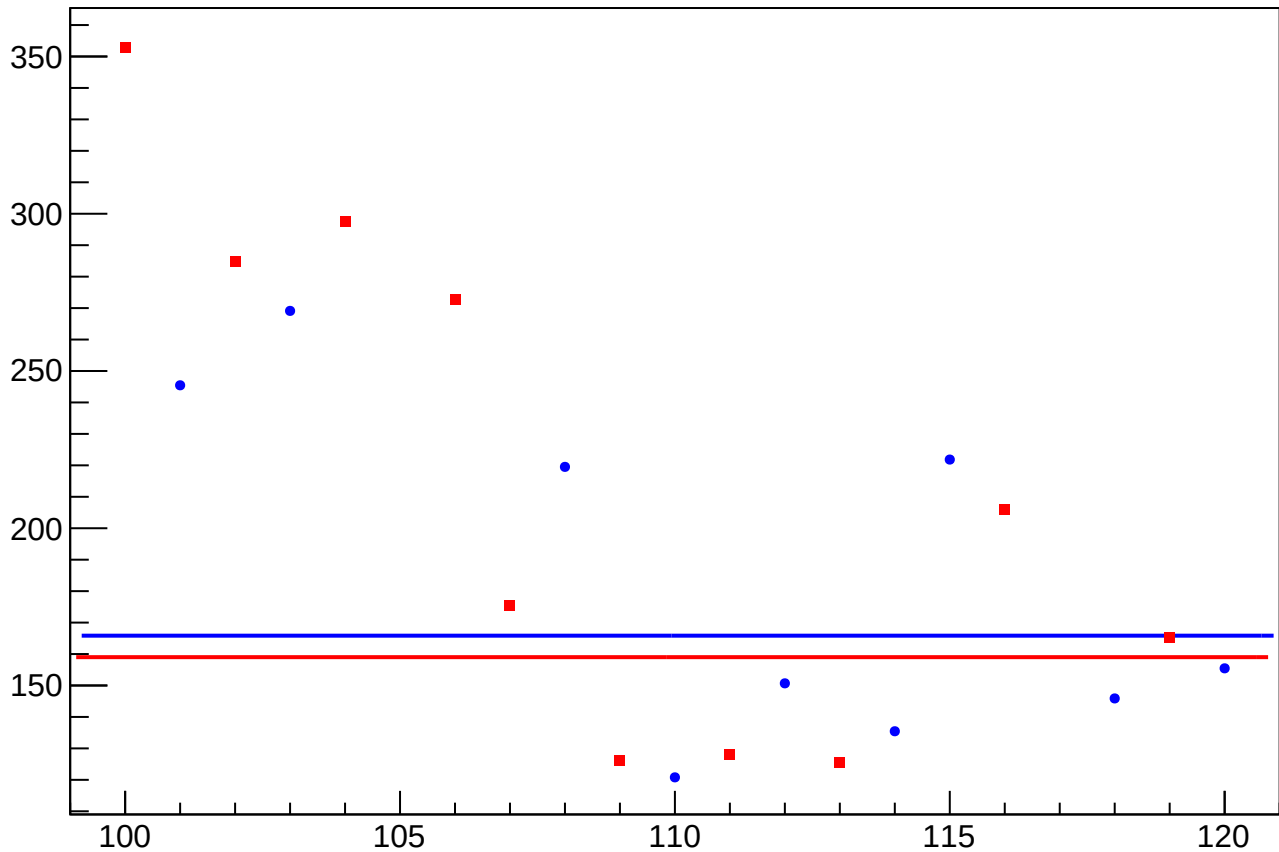
Right: 700.461+/-61.855 χ^2/NDF : 6136.4/18

In: 3556.137+/-90.967 χ^2/NDF :2944.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 700.461+/-61.855 χ^2/NDF : 6136.4/18

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 165.841+/-0.064 χ^2/NDF : 517877.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 159.009+/-0.060 χ^2/NDF : 825835.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

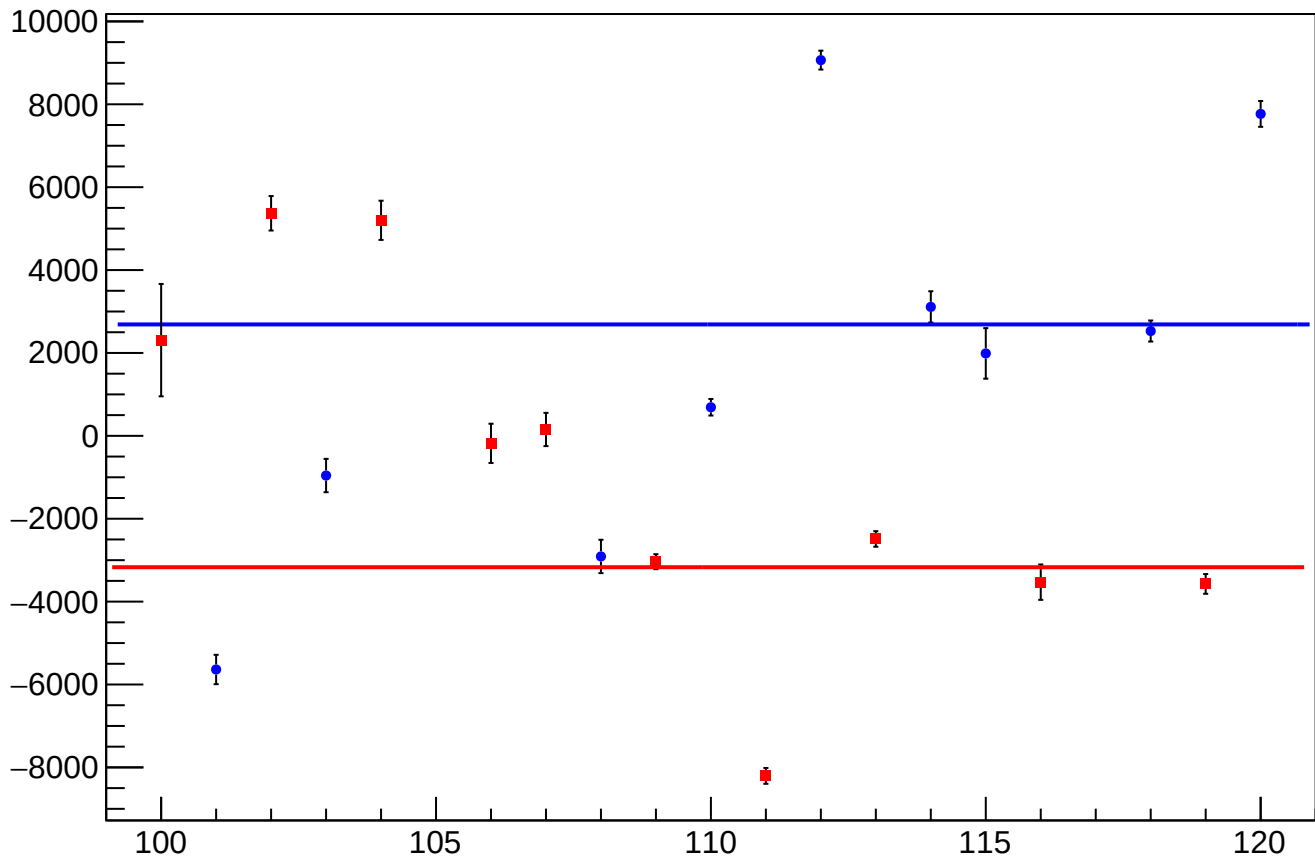
Right: 162.168+/-0.044 χ^2/NDF : 1349778.9/18

In: 165.841+/-0.064 χ^2/NDF : 517877.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.168+/-0.044 χ^2/NDF : 1349778.9/18

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 2688.619+/-99.918 χ^2/NDF : 1979.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3169.821+/-87.316 χ^2/NDF : 1572.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

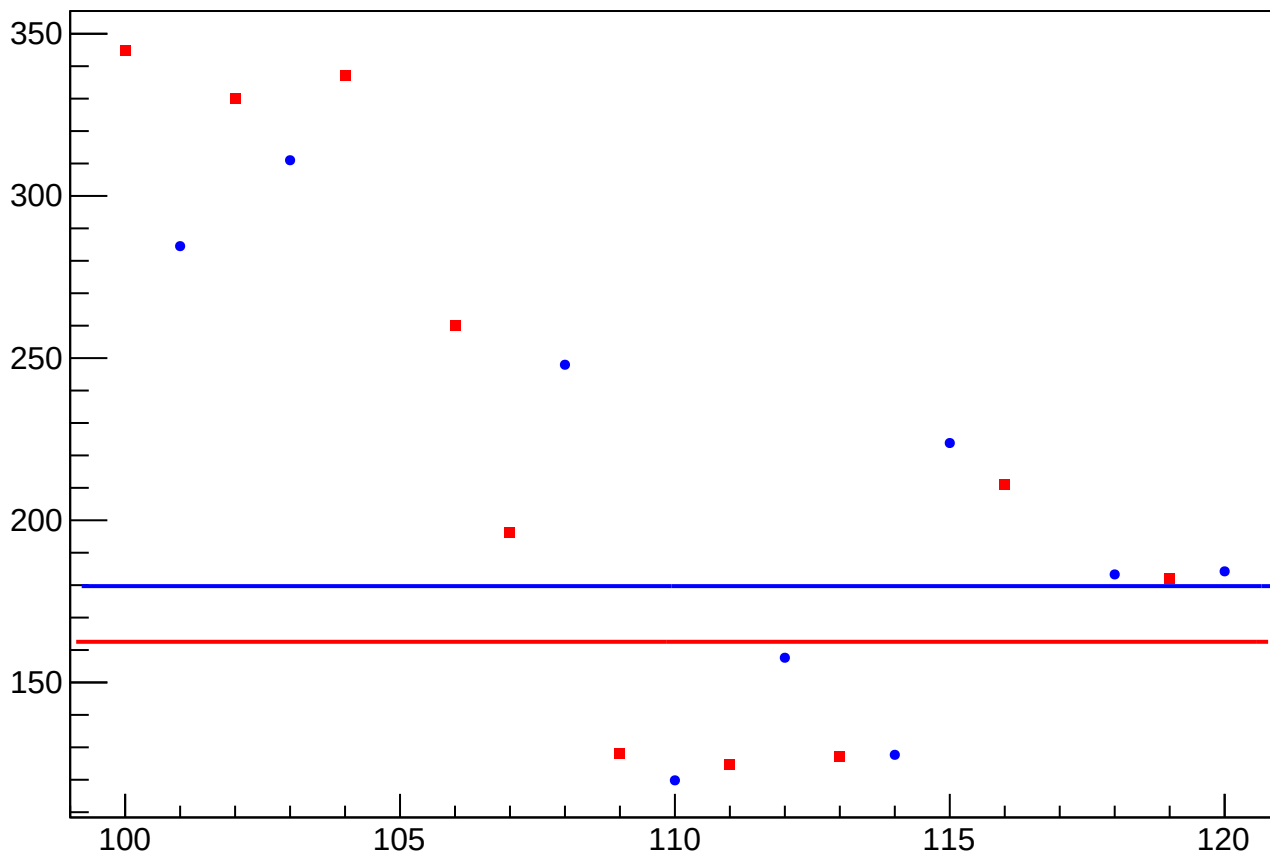
Right: -633.132+/-65.749 χ^2/NDF : 5500.7/18

In: 2688.619+/-99.918 χ^2/NDF :1979.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -633.132+/-65.749 χ^2/NDF : 5500.7/18

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 179.700+/-0.071 χ^2/NDF : 693492.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 162.537+/-0.062 χ^2/NDF : 993754.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

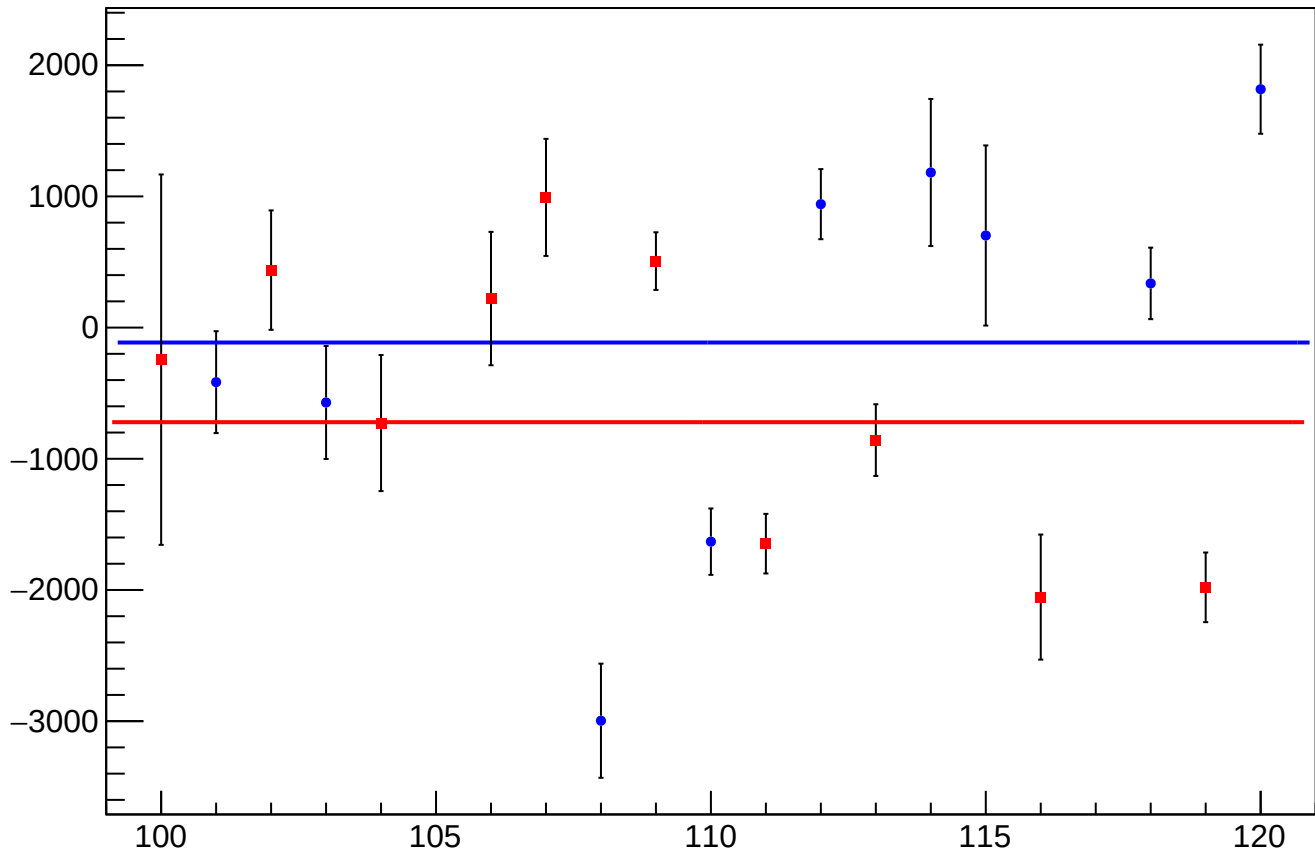
Right: 169.969+/-0.046 χ^2/NDF : 1720708.3/18

In: 179.700+/-0.071 χ^2/NDF : 693492.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.969+/-0.046 χ^2/NDF : 1720708.3/18

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -113.725+/-115.938 χ^2/NDF : 139.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -720.980+/-105.384 χ^2/NDF : 103.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

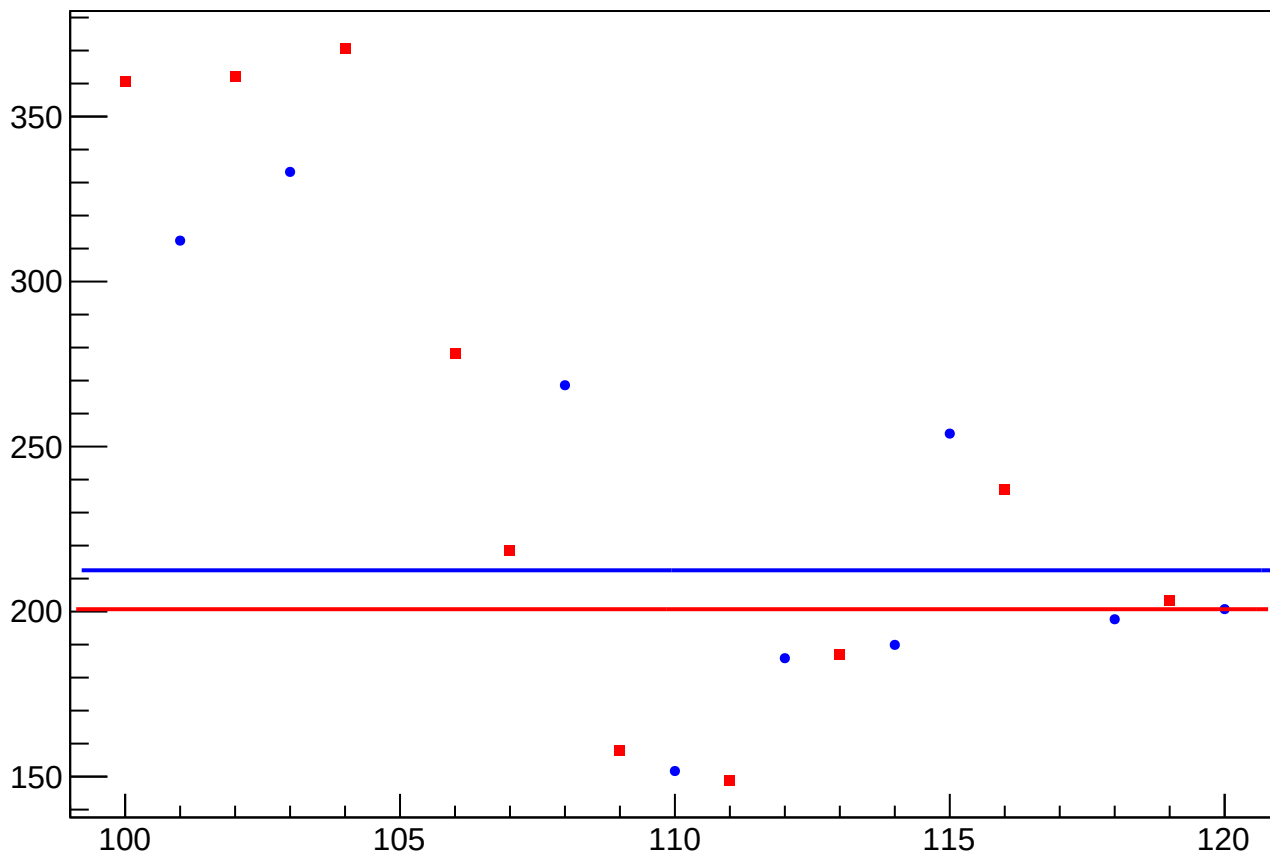
Right: -446.245+/-77.983 χ^2/NDF : 257.3/18

In: -113.725+/-115.938 χ^2/NDF : 139.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -446.245+/-77.983 χ^2/NDF : 257.3/18

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 212.511+/-0.082 χ^2/NDF : 477213.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 200.722+/-0.075 χ^2/NDF : 737513.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

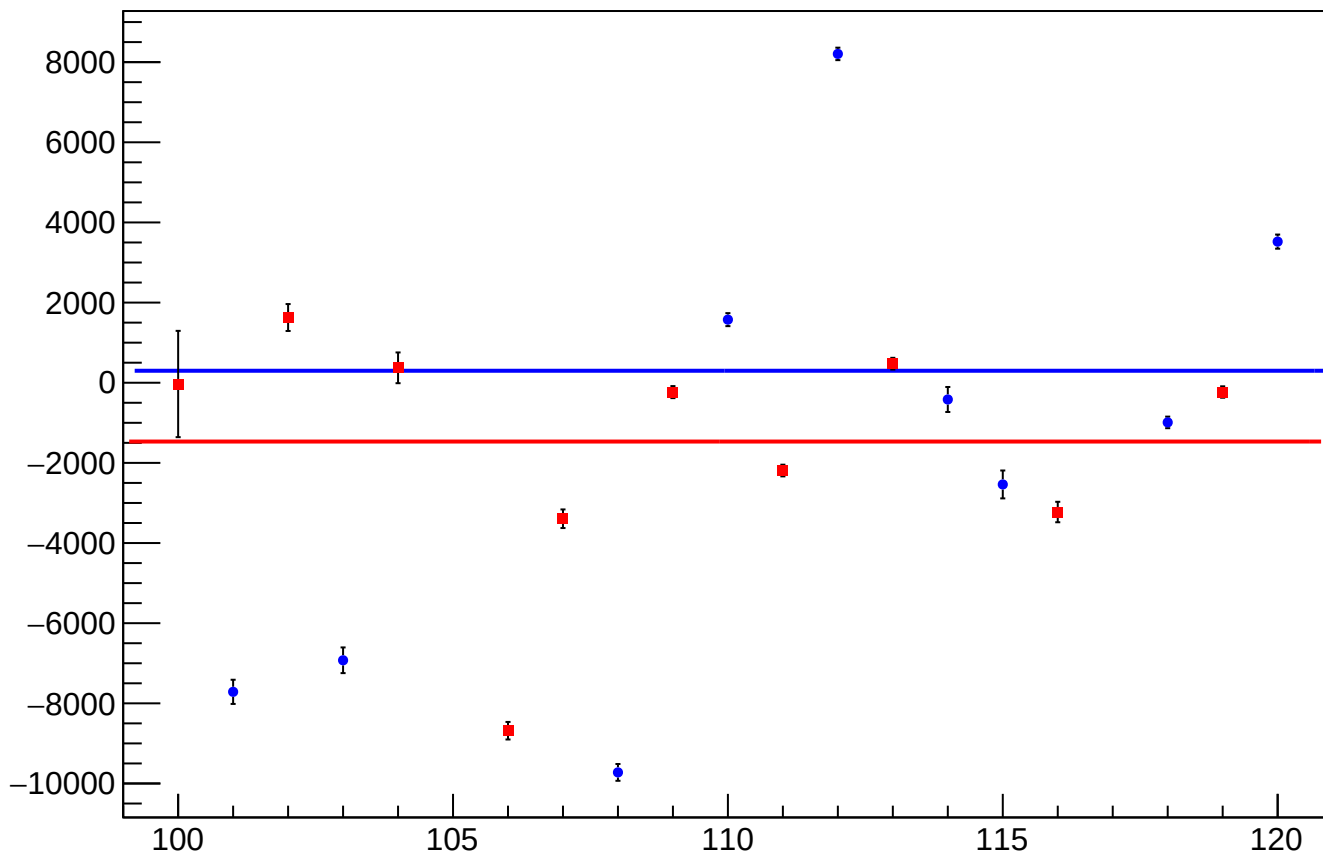
Right: 206.056+/-0.055 χ^2/NDF : 1226050.7/18

In: 212.511+/-0.082 χ^2/NDF :477213.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 206.056+/-0.055 χ^2/NDF : 1226050.7/18

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: 299.062+/-67.178 χ^2/NDF : 6629.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1467.325+/-62.193 χ^2/NDF : 1655.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

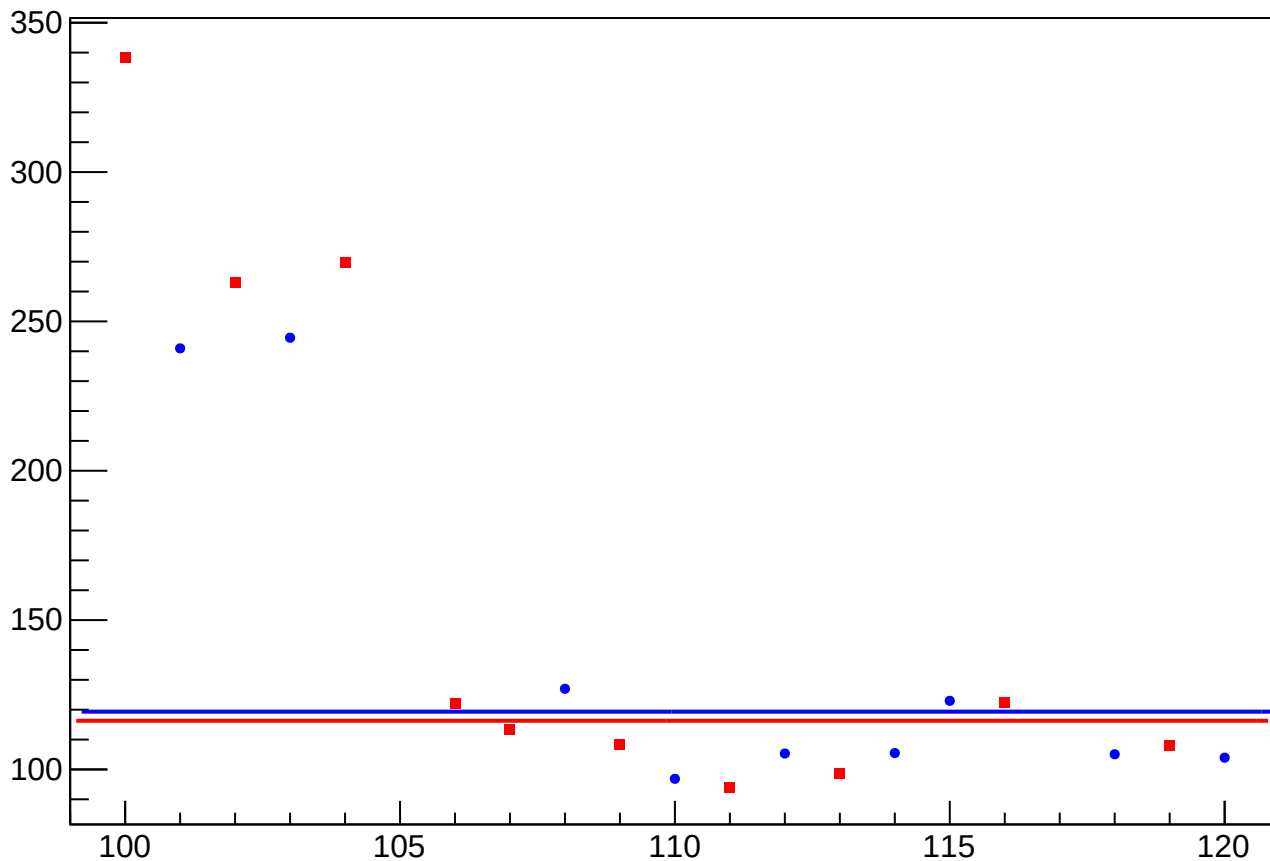
Right: -652.087+/-45.638 χ^2/NDF : 8658.1/18

In: 299.062+/-67.178 χ^2/NDF :6629.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -652.087+/-45.638 χ^2/NDF : 8658.1/18

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 119.350+/-0.048 χ^2/NDF : 726357.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 116.300+/-0.044 χ^2/NDF : 850391.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

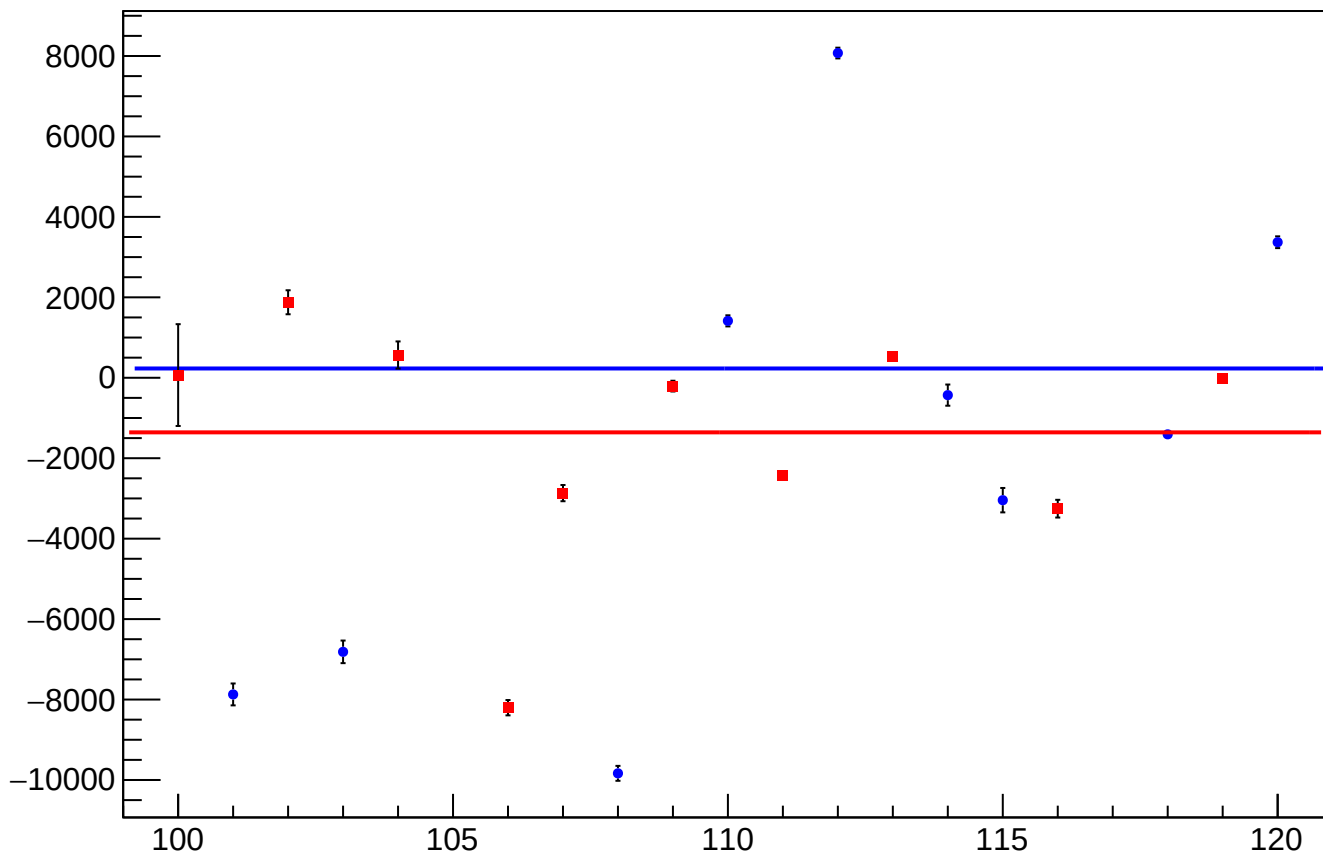
Right: 117.708+/-0.032 χ^2/NDF : 1578969.0/18

In: 119.350+/-0.048 χ^2/NDF : 726357.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.708+/-0.032 χ^2/NDF : 1578969.0/18

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: 231.008+/-57.323 χ^2/NDF : 8745.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1357.074+/-53.257 χ^2/NDF : 2079.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

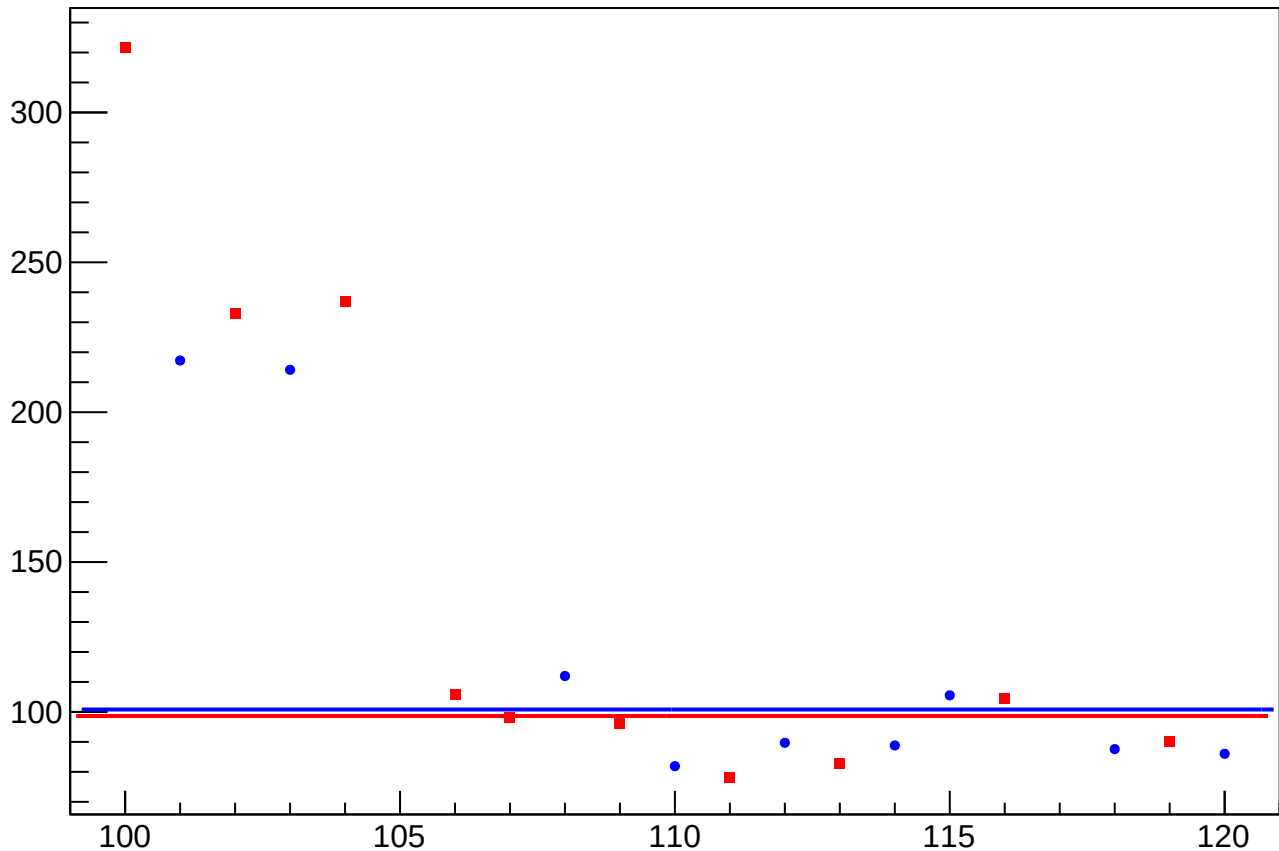
Right: -621.345+/-39.017 χ^2/NDF : 11236.8/18

In: 231.008+/-57.323 χ^2/NDF : 8745.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -621.345+/-39.017 χ^2/NDF : 11236.8/18

asym_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 100.810+/-0.041 χ^2/NDF : 799426.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.635+/-0.038 χ^2/NDF : 907614.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

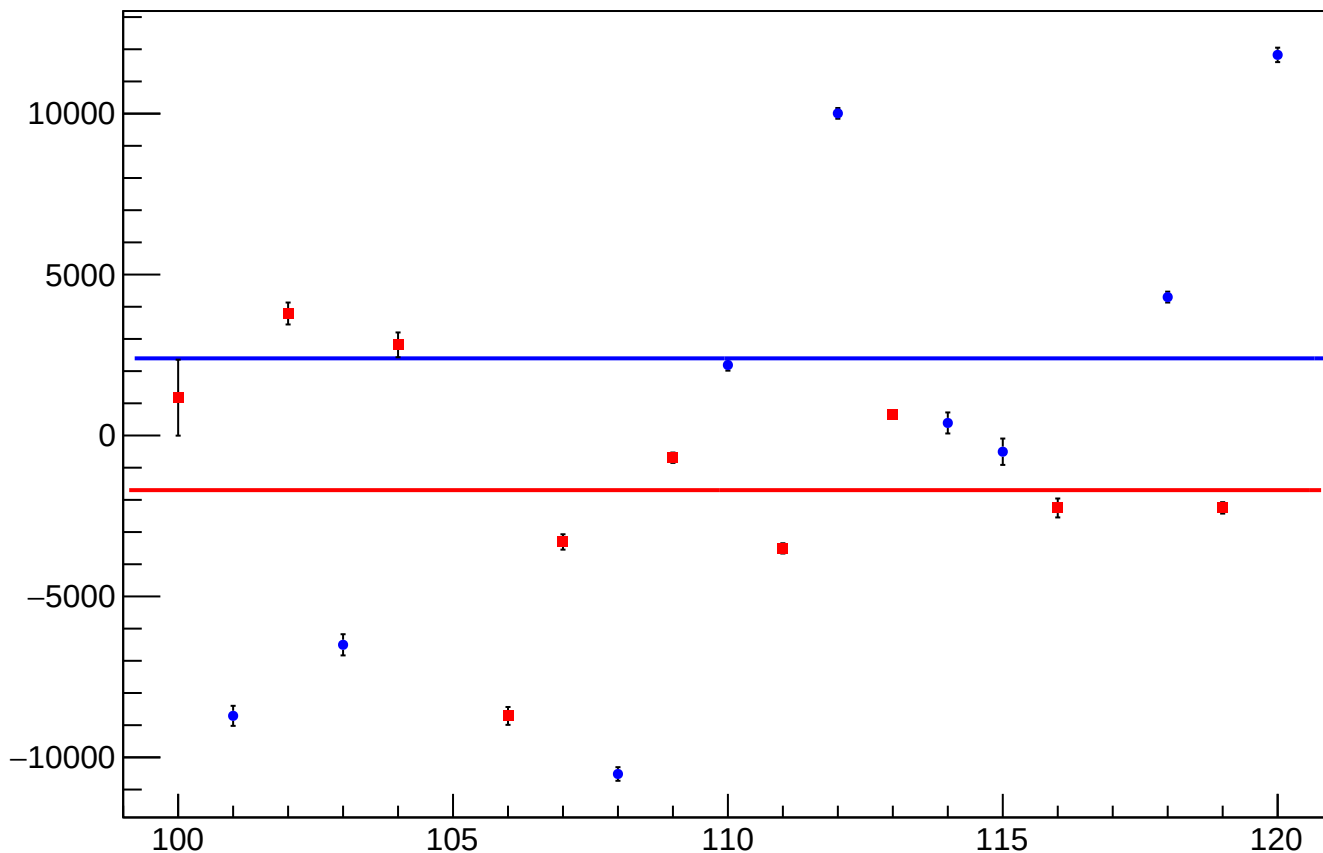
Right: 99.643+/-0.028 χ^2/NDF : 1708585.9/18

In: 100.810+/-0.041 χ^2/NDF : 799426.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.643+/-0.028 χ^2/NDF : 1708585.9/18

asym_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 2396.907+/-74.447 χ^2/NDF : 9782.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1697.615+/-69.184 χ^2/NDF : 1494.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

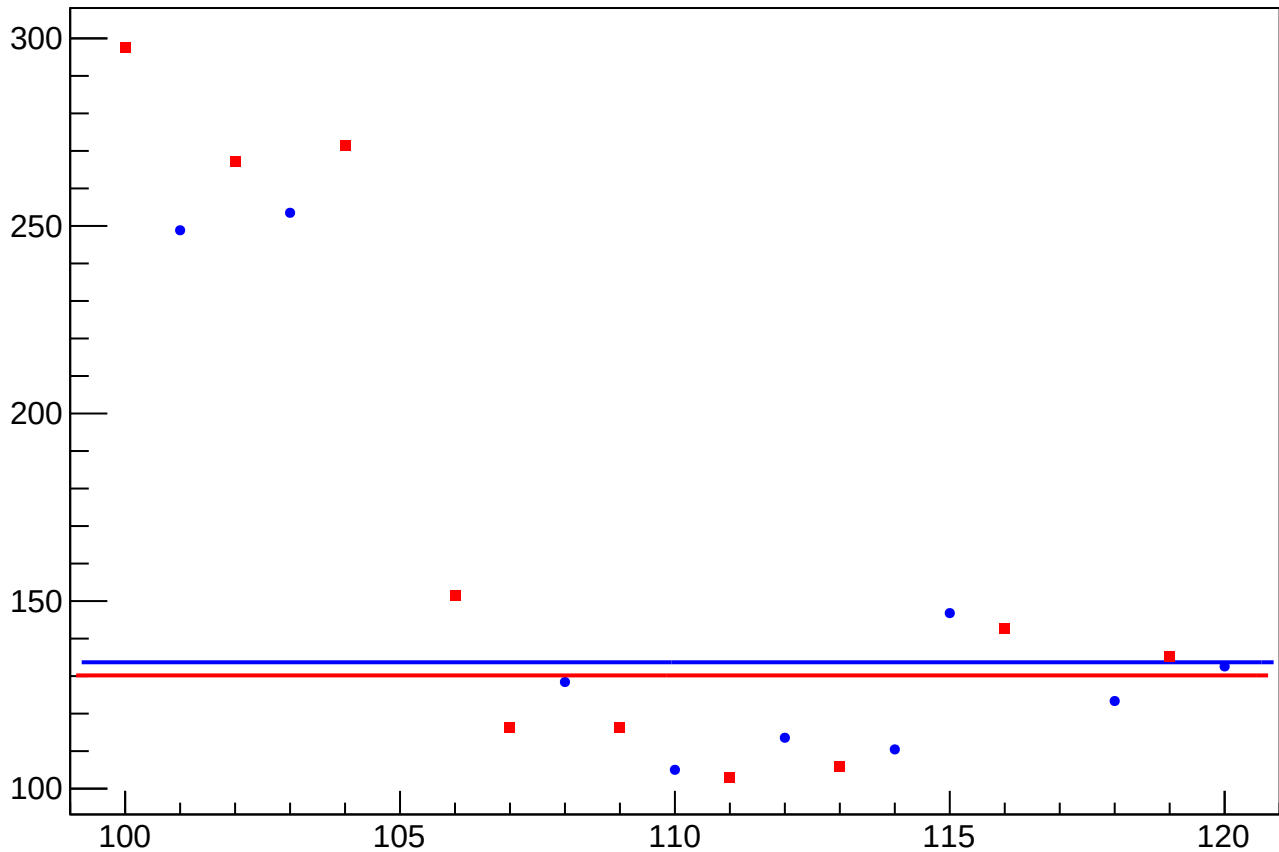
Right: 199.814+/-50.679 χ^2/NDF : 12900.0/18

In: 2396.907+/-74.447 χ^2/NDF : 9782.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 199.814+/-50.679 χ^2/NDF : 12900.0/18

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 133.684+/-0.053 χ^2/NDF : 641896.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.182+/-0.049 χ^2/NDF : 776019.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

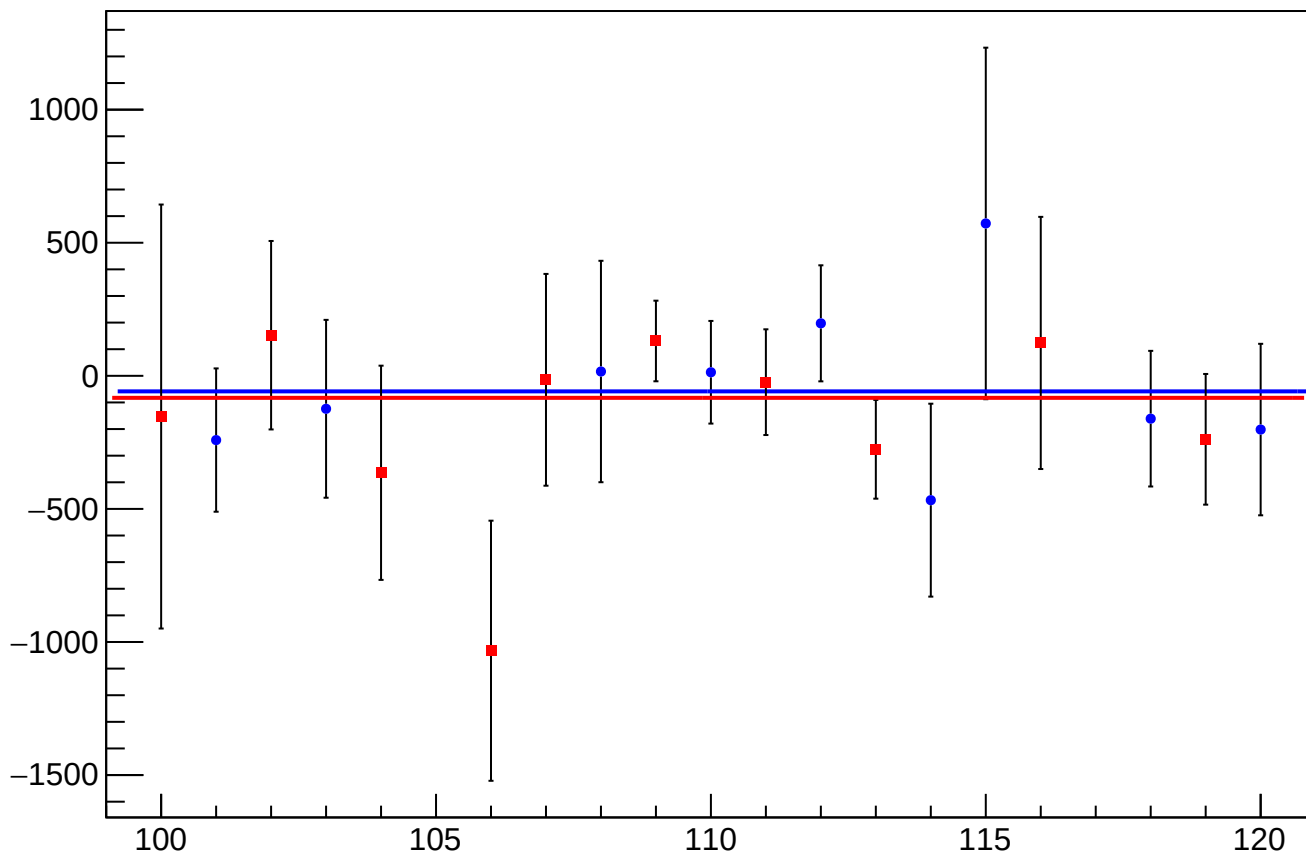
Right: 131.805+/-0.036 χ^2/NDF : 1420290.9/18

In: 133.684+/-0.053 χ^2/NDF : 641896.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.805+/-0.036 χ^2/NDF : 1420290.9/18

asym_bcm_2an_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -58.378+/-94.735 χ^2/NDF : 4.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -82.699+/-82.957 χ^2/NDF : 8.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

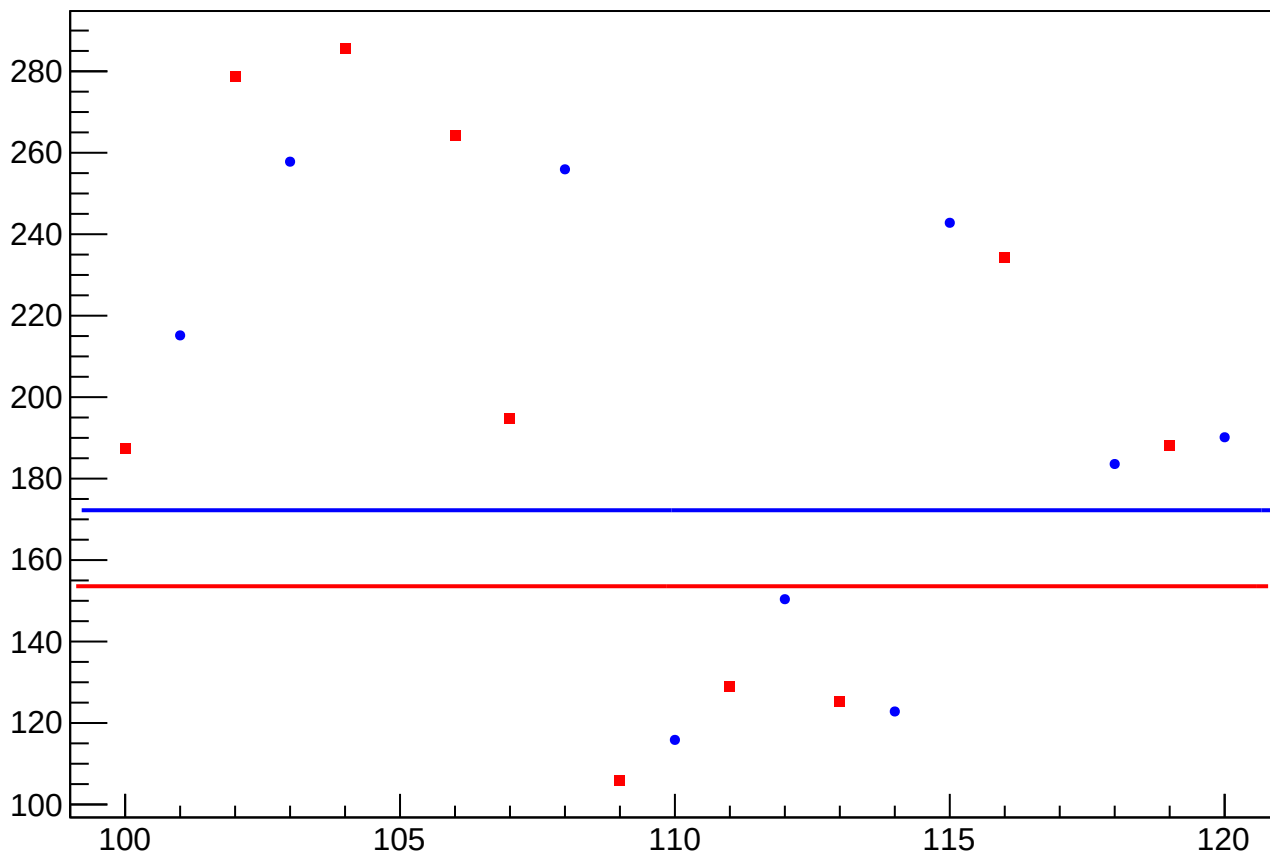
Right: -72.144+/-62.411 χ^2/NDF : 13.1/18

In: -58.378+/-94.735 χ^2/NDF :4.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -72.144+/-62.411 χ^2/NDF : 13.1/18

asym_bcm_2an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 172.234+/-0.067 χ^2/NDF : 524290.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 153.576+/-0.059 χ^2/NDF : 965577.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

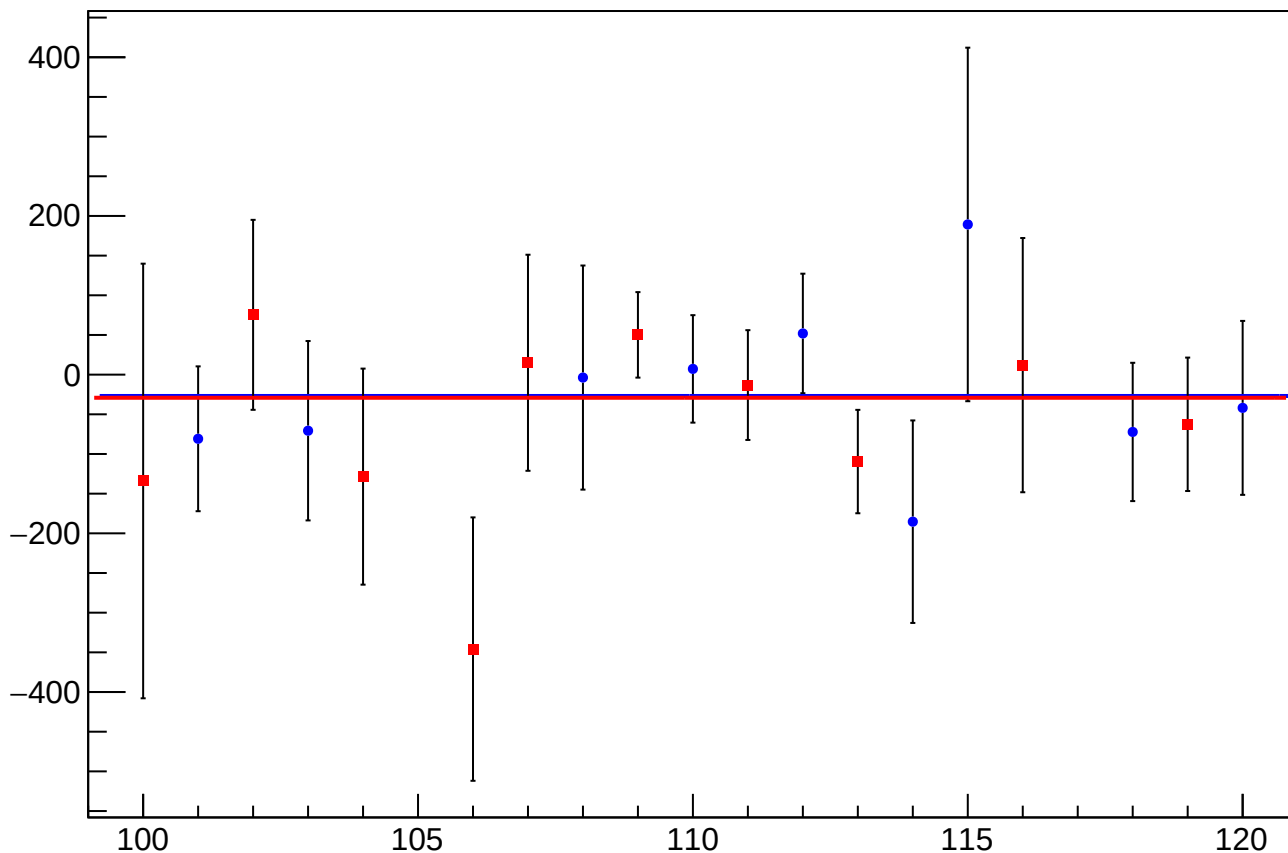
Right: 161.674+/-0.044 χ^2/NDF : 1533779.5/18

In: 172.234+/-0.067 χ^2/NDF :524290.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 161.674+/-0.044 χ^2/NDF : 1533779.5/18

asym_bcm_2an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -26.894+/-32.631 χ^2/NDF : 4.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.146+/-28.907 χ^2/NDF : 9.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

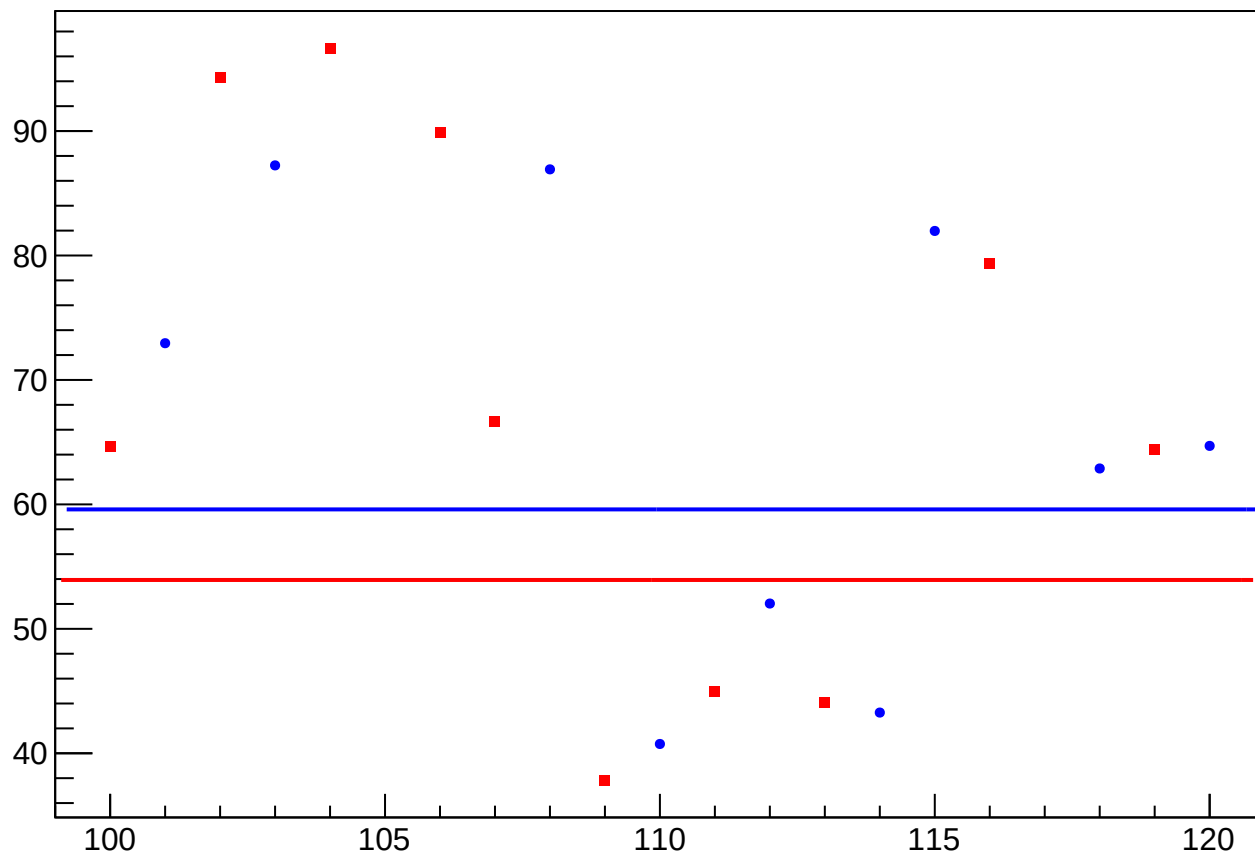
Right: -28.156+/-21.638 χ^2/NDF : 13.8/18

In: -26.894+/-32.631 χ^2/NDF : 4.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.156+/-21.638 χ^2/NDF : 13.8/18

asym_bcm_2an_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 59.597 $\pm$ 0.023 χ^2 /NDF: 472502.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 53.927 $\pm$ 0.020 χ^2 /NDF: 877492.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

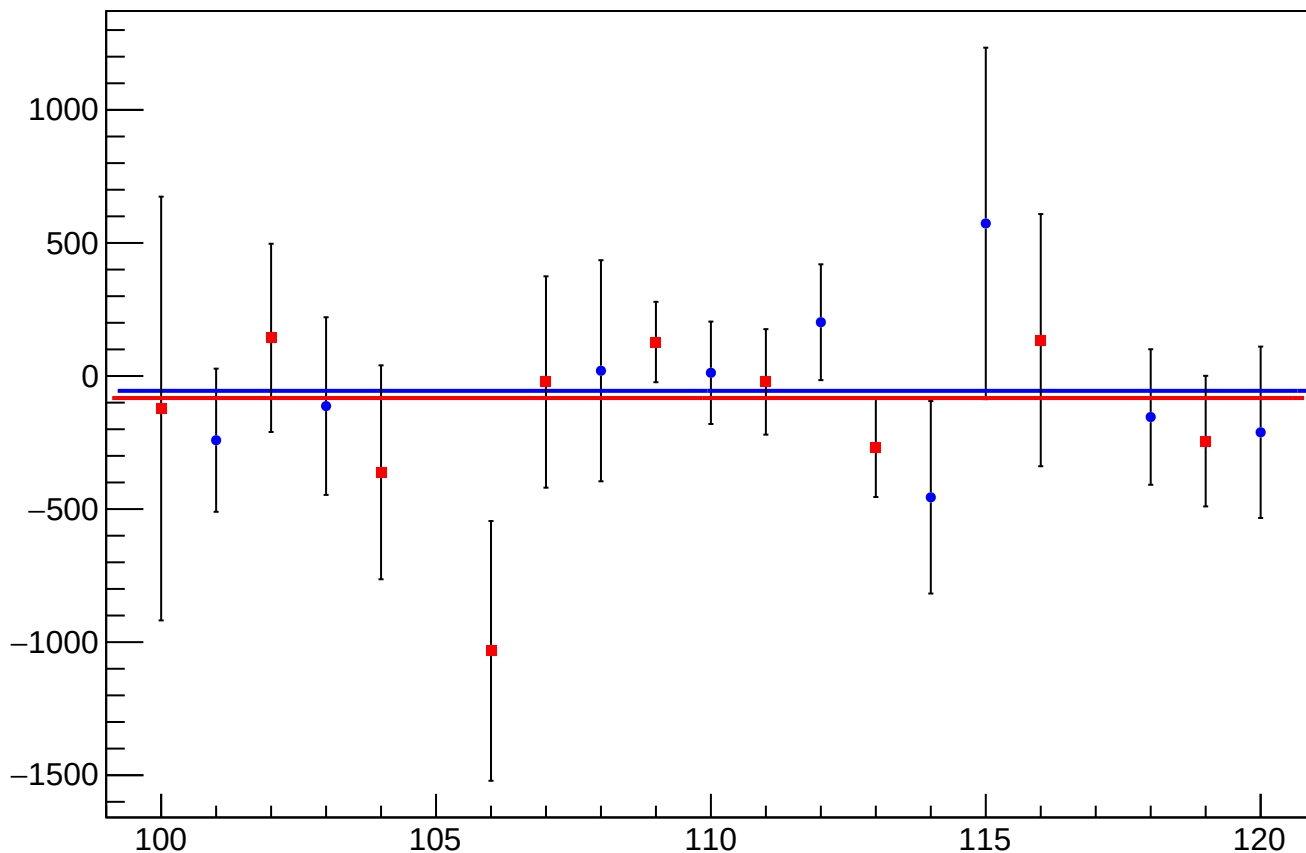
Right: 56.420 $\pm$ 0.015 χ^2 /NDF: 1383834.5/18

In: 59.597 $\pm$ 0.023 χ^2 /NDF:472502.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 56.420 $\pm$ 0.015 χ^2 /NDF: 1383834.5/18

asym_bcm_an_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -55.685+/-94.600 χ^2/NDF : 4.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -82.648+/-82.811 χ^2/NDF : 8.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

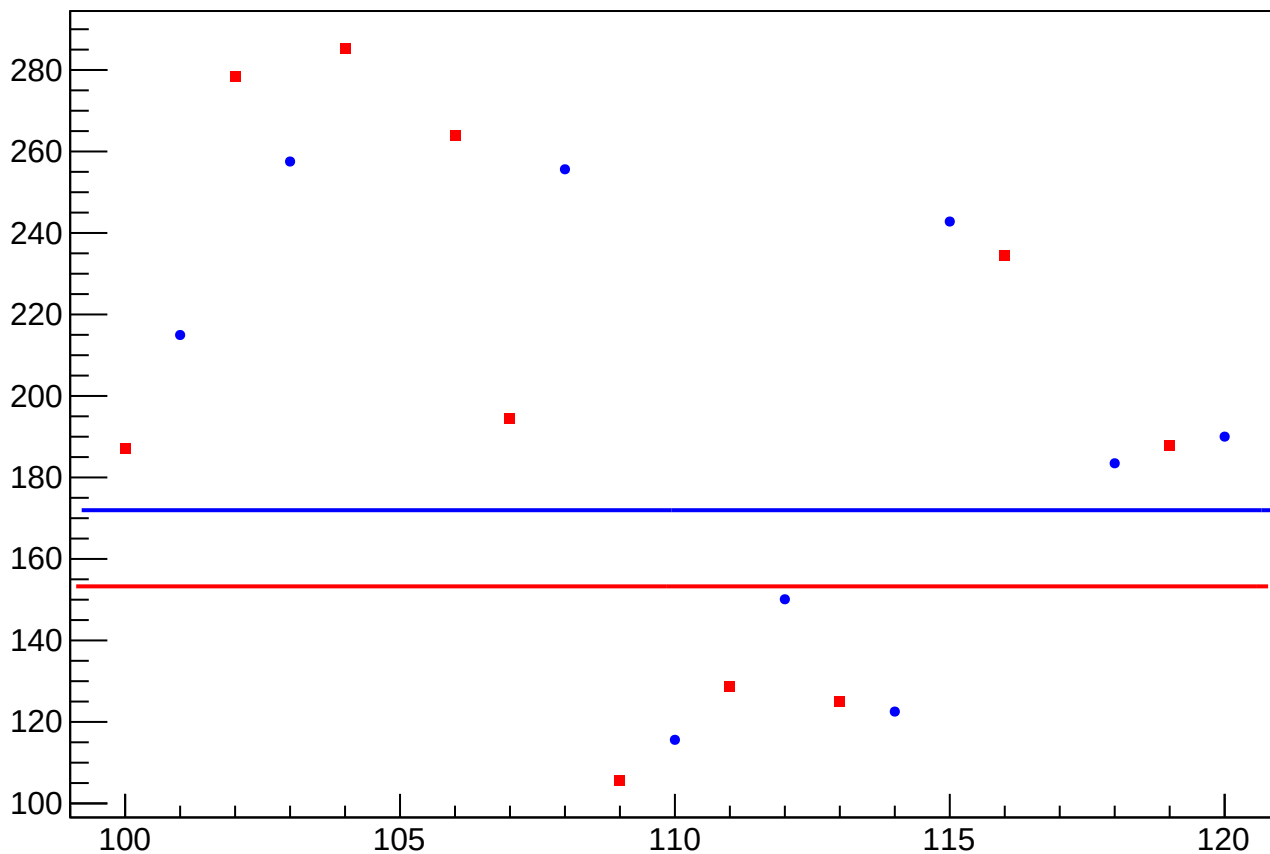
Right: -70.950+/-62.310 χ^2/NDF : 13.0/18

In: -55.685+/-94.600 χ^2/NDF :4.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -70.950+/-62.310 χ^2/NDF : 13.0/18

asym_bcm_an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 171.961+/-0.067 χ^2/NDF : 526222.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 153.271+/-0.059 χ^2/NDF : 968431.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

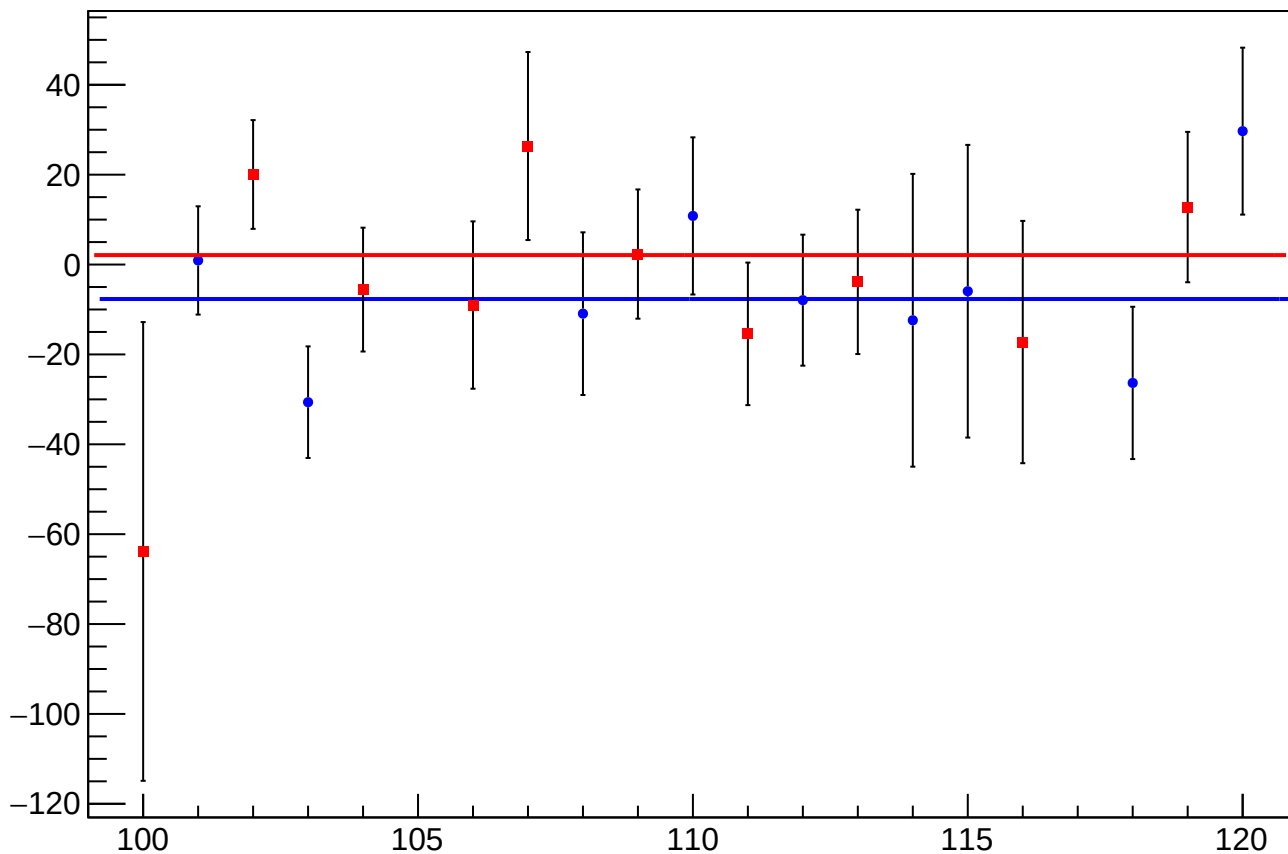
Right: 161.380+/-0.044 χ^2/NDF : 1538849.9/18

In: 171.961+/-0.067 χ^2/NDF :526222.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 161.380+/-0.044 χ^2/NDF : 1538849.9/18

asym_bcm_an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -7.671 $\pm$ 5.532 χ^2/NDF : 10.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 2.105 $\pm$ 5.323 χ^2/NDF : 8.2/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

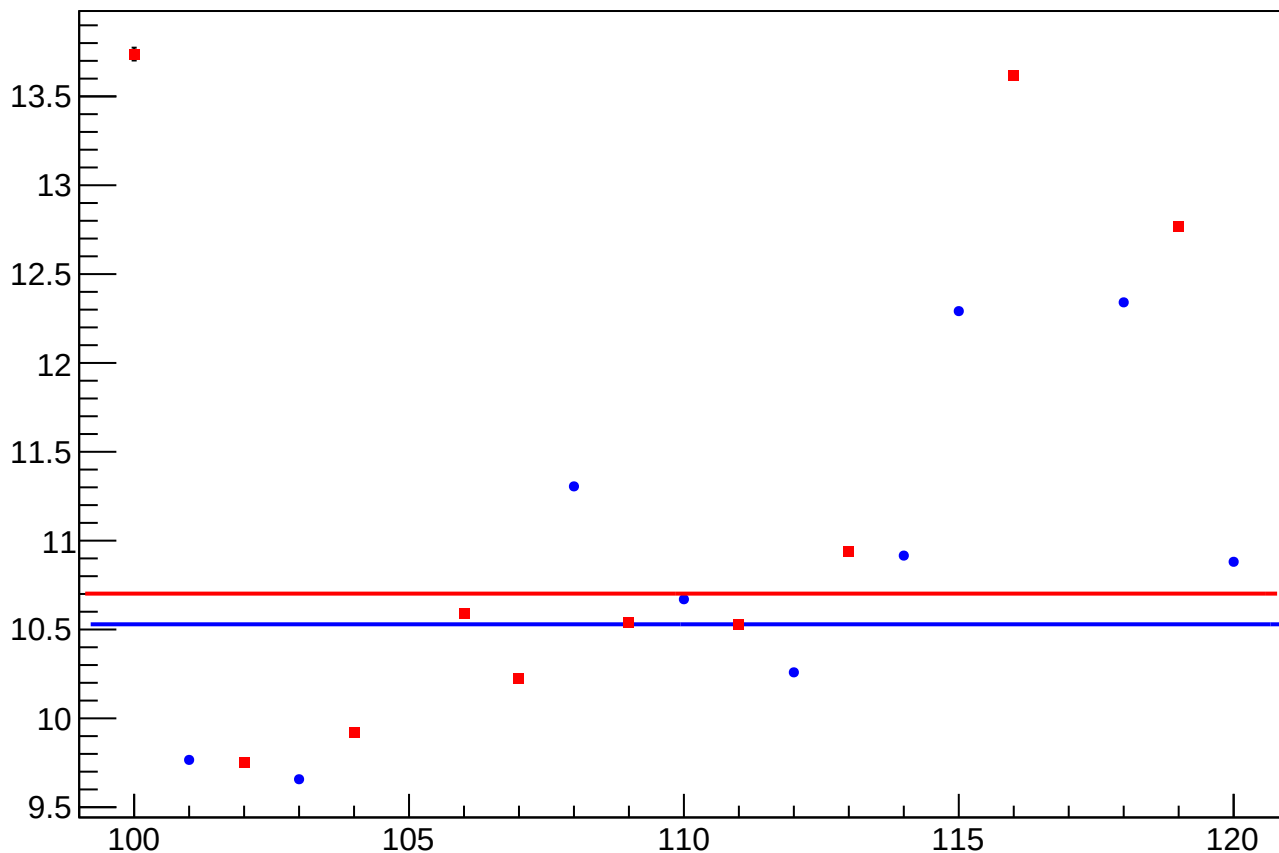
Right: -2.595 $\pm$ 3.836 χ^2/NDF : 20.1/18

In: -7.671 $\pm$ 5.532 χ^2/NDF : 10.4/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -2.595 $\pm$ 3.836 χ^2/NDF : 20.1/18

asym_bcm_an_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 10.529+/-0.004 χ^2/NDF : 52097.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.702+/-0.004 χ^2/NDF : 81782.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

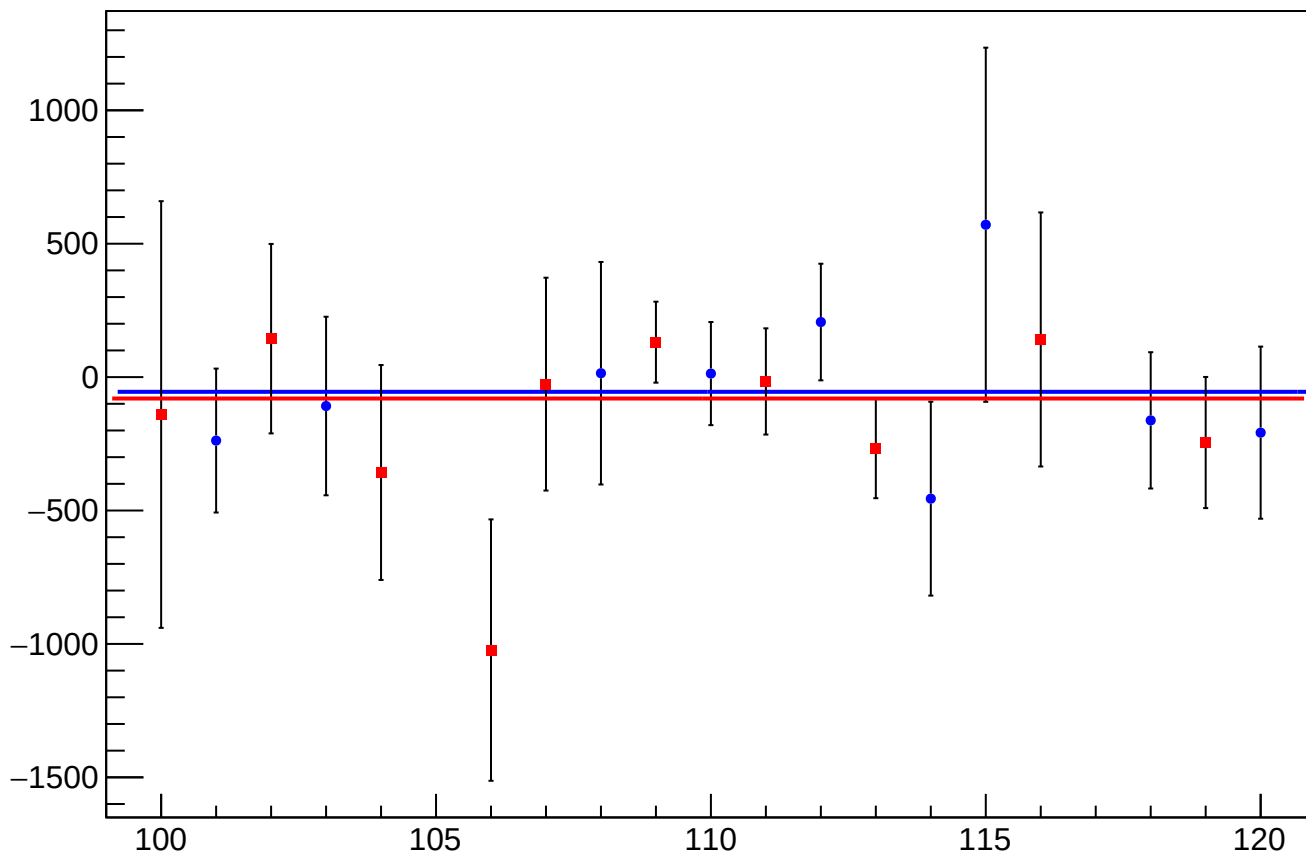
Right: 10.619+/-0.003 χ^2/NDF : 134891.1/18

In: 10.529+/-0.004 χ^2/NDF : 52097.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.619+/-0.003 χ^2/NDF : 134891.1/18

asym_bcm_an_us_an_ds3_avg_mean vs Slug, Sign Corrected



Right In: -55.099+/-94.945 χ^2/NDF : 4.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -80.237+/-83.143 χ^2/NDF : 8.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

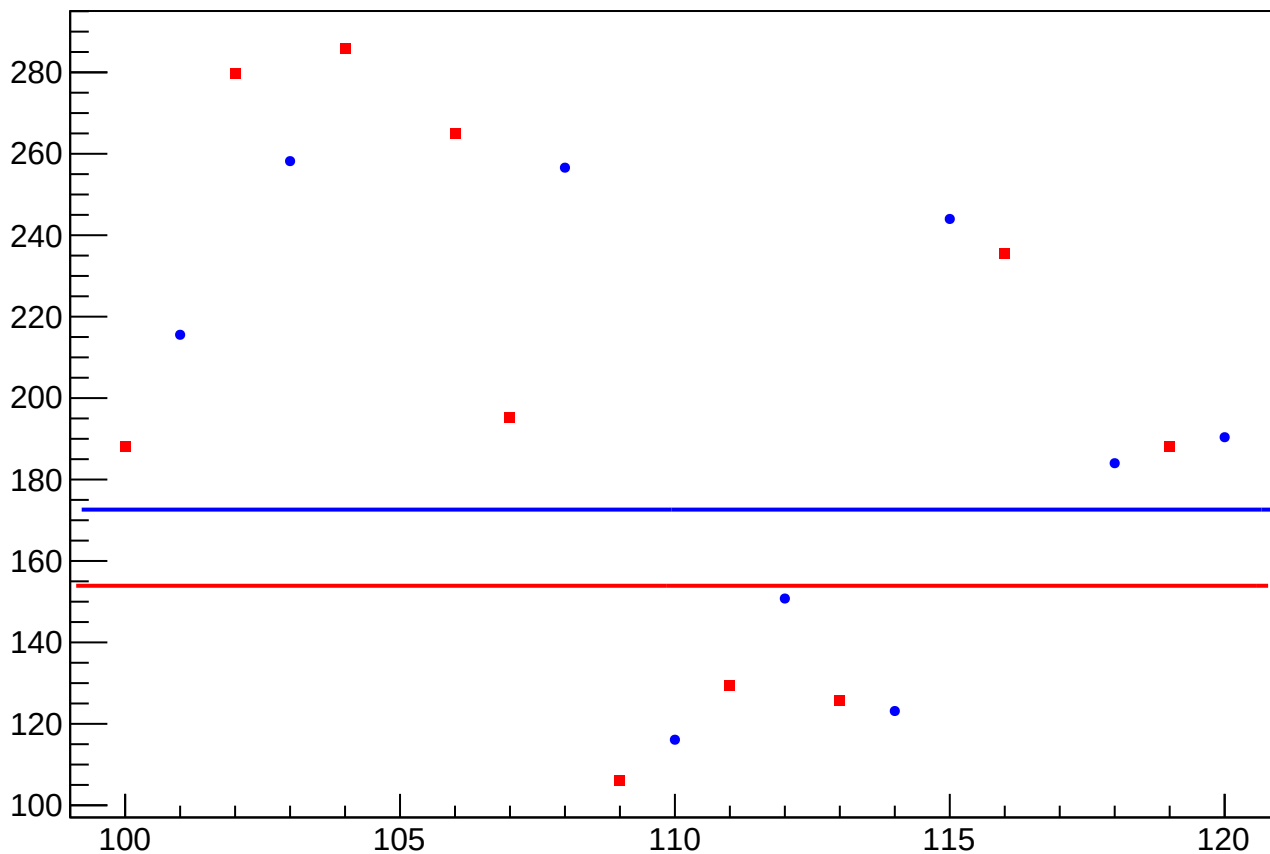
Right: -69.327+/-62.550 χ^2/NDF : 12.9/18

In: -55.099+/-94.945 χ^2/NDF :4.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -69.327+/-62.550 χ^2/NDF : 12.9/18

asym_bcm_an_us_an_ds3_avg_rms vs Slug, Sign Corrected



Right In: 172.613+/-0.067 χ^2/NDF : 523917.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 153.912+/-0.059 χ^2/NDF : 965903.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

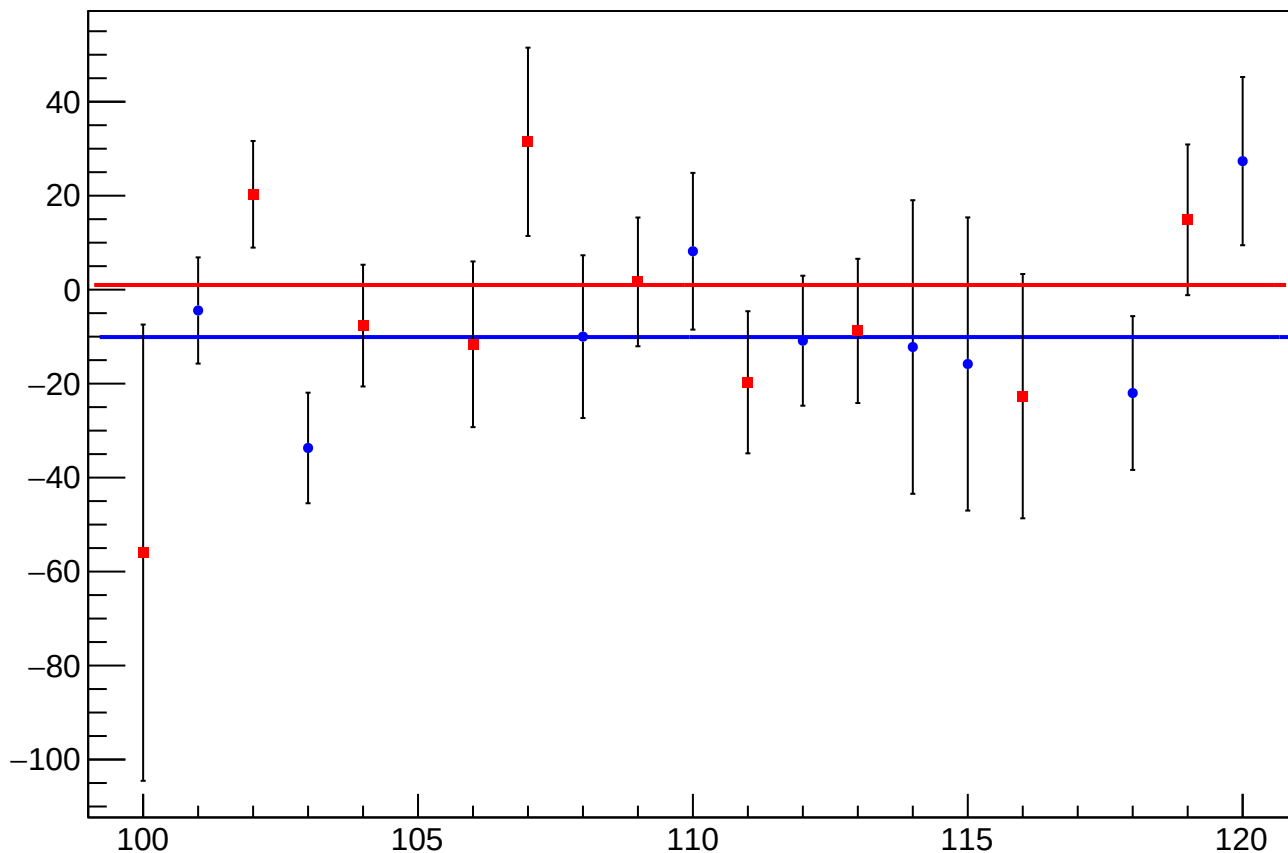
Right: 162.028+/-0.044 χ^2/NDF : 1533739.3/18

In: 172.613+/-0.067 χ^2/NDF :523917.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 162.028+/-0.044 χ^2/NDF : 1533739.3/18

asym_bcm_an_us_an_ds3_dd_mean vs Slug, Sign Corrected



Right In: -10.088+/-5.263 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.992+/-5.053 χ^2/NDF : 11.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

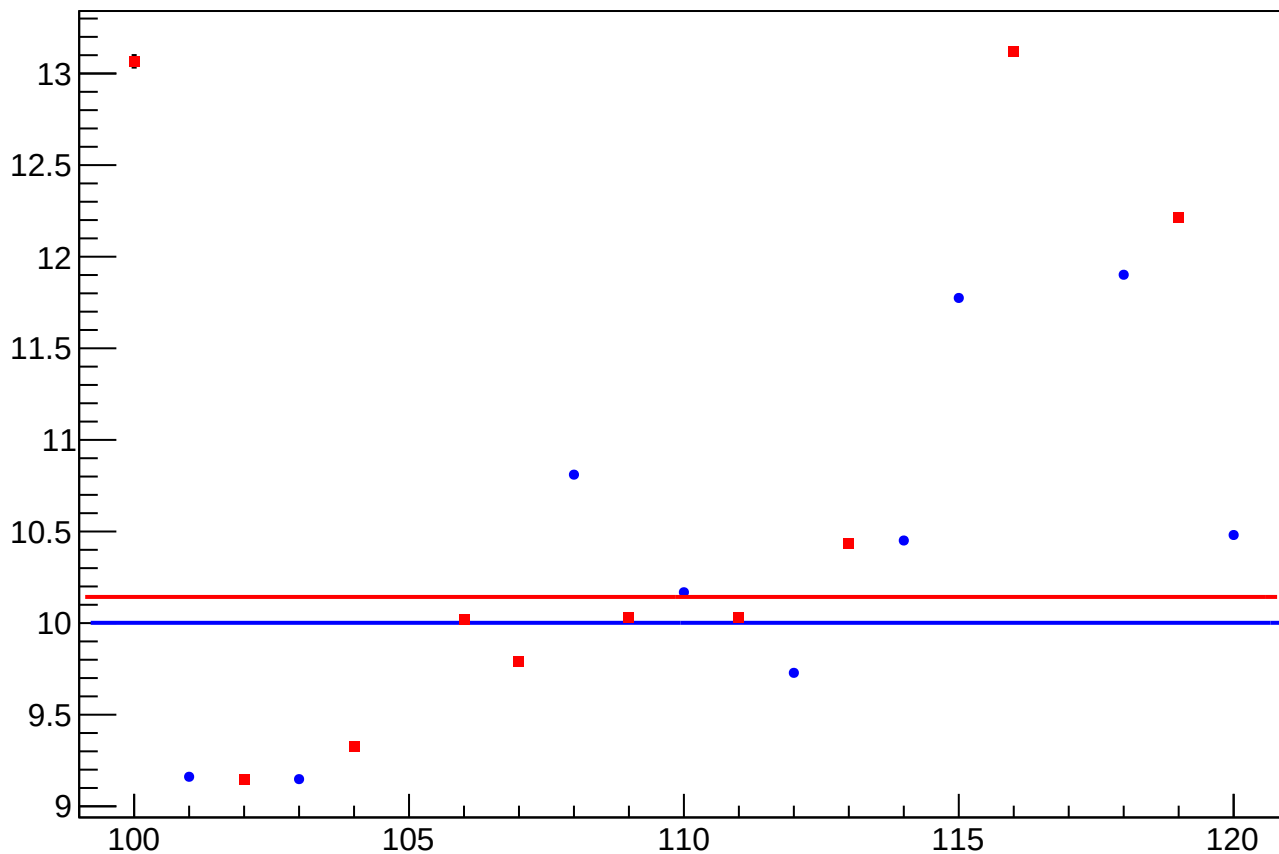
Right: -4.323+/-3.645 χ^2/NDF : 24.1/18

In: -10.088+/-5.263 χ^2/NDF : 10.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.323+/-3.645 χ^2/NDF : 24.1/18

asym_bcm_an_us_an_ds3_dd_rms vs Slug, Sign Corrected



Right In: 10.002+/-0.004 χ^2/NDF : 62173.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.143+/-0.004 χ^2/NDF : 91939.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

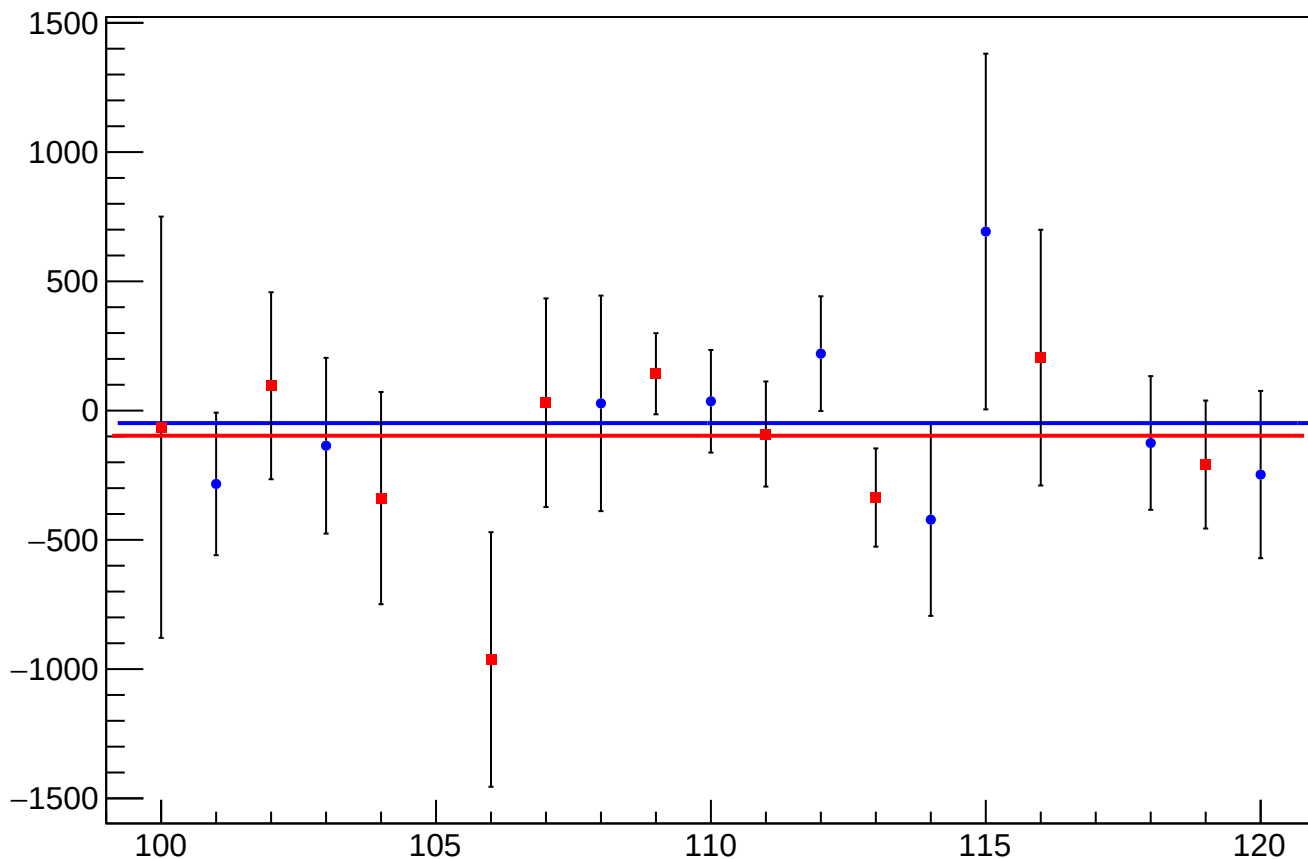
Right: 10.075+/-0.003 χ^2/NDF : 154861.9/18

In: 10.002+/-0.004 χ^2/NDF : 62173.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.075+/-0.003 χ^2/NDF : 154861.9/18

asym_bcm_dg_us_dg_ds_avg_mean vs Slug, Sign Corrected



Right In: -48.379+/-96.644 χ^2/NDF : 5.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -97.153+/-85.043 χ^2/NDF : 8.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

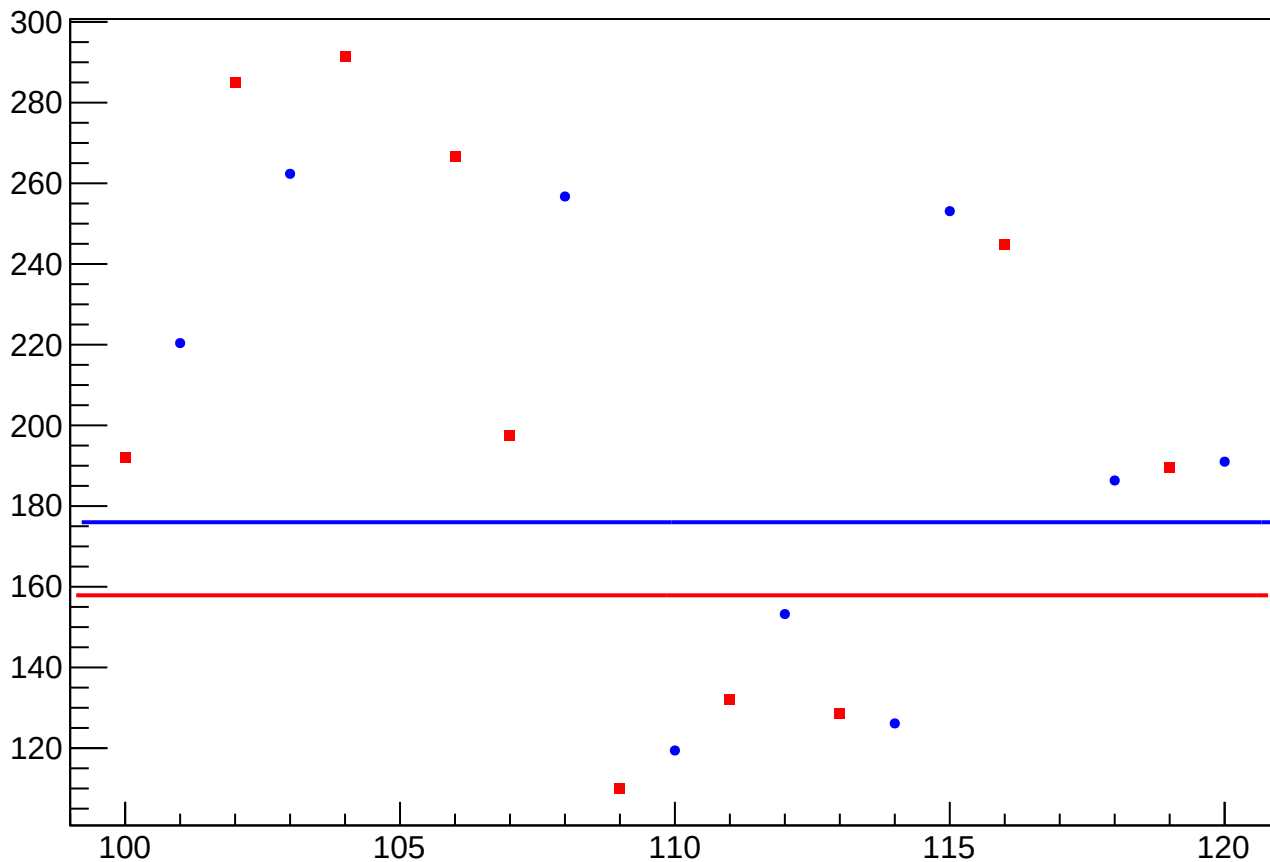
Right: -75.867+/-63.844 χ^2/NDF : 13.6/18

In: -48.379+/-96.644 χ^2/NDF :5.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -75.867+/-63.844 χ^2/NDF : 13.6/18

asym_bcm_dg_us_dg_ds_avg_rms vs Slug, Sign Corrected



Right In: 175.991+/-0.068 χ^2/NDF : 507890.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.882+/-0.060 χ^2/NDF : 938865.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

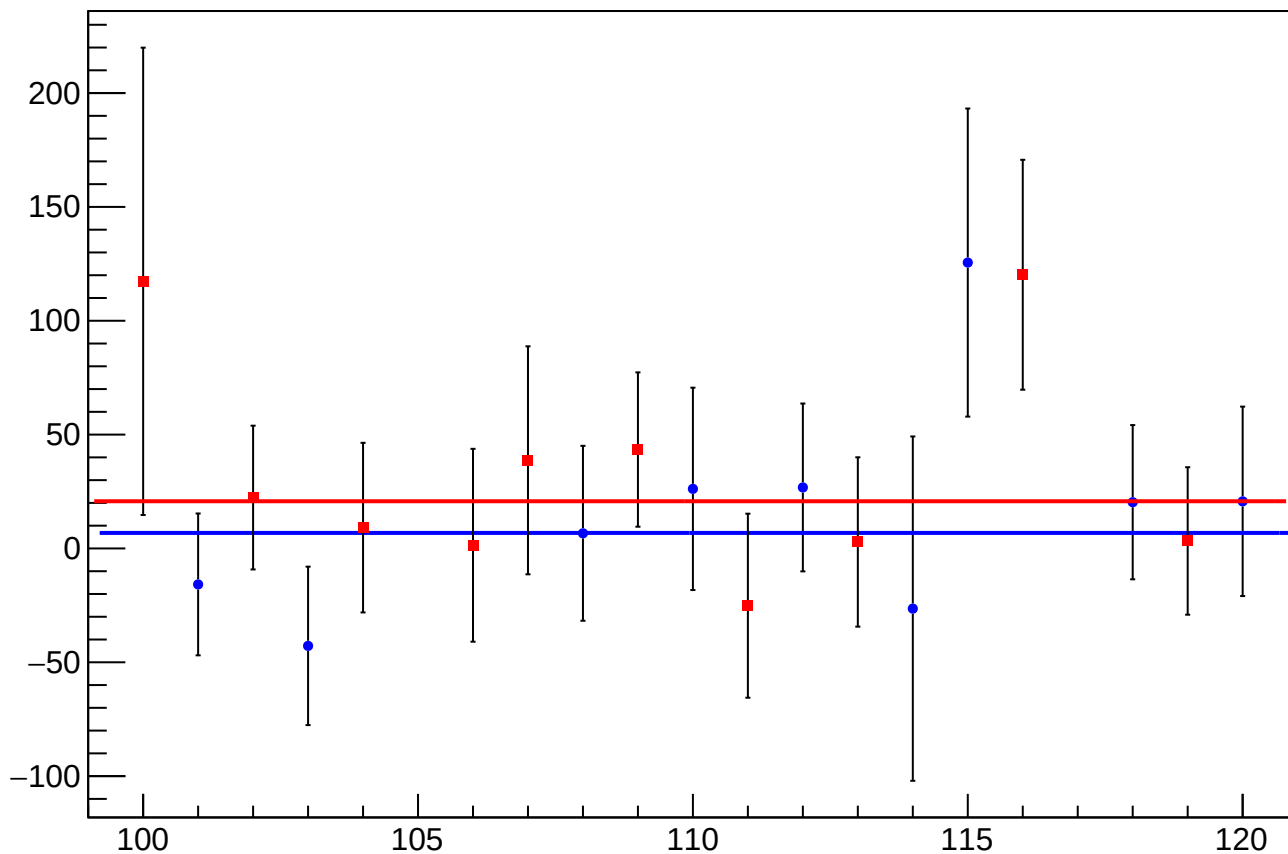
Right: 165.785+/-0.045 χ^2/NDF : 1486328.3/18

In: 175.991+/-0.068 χ^2/NDF : 507890.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.785+/-0.045 χ^2/NDF : 1486328.3/18

asym_bcm_dg_us_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: 6.819+/-13.339 χ^2/NDF : 6.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.729+/-12.572 χ^2/NDF : 7.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

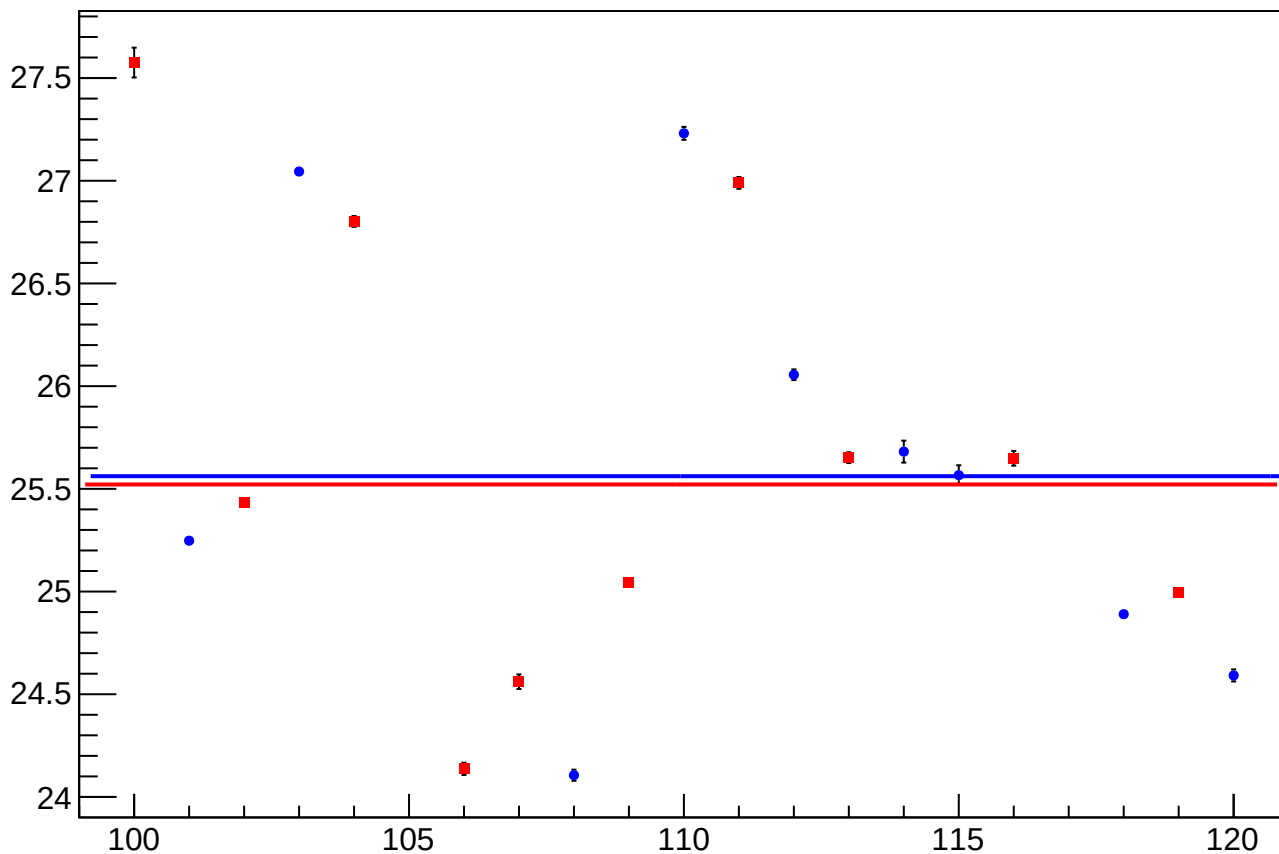
Right: 14.185+/-9.149 χ^2/NDF : 14.6/18

In: 6.819+/-13.339 χ^2/NDF : 6.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.185+/-9.149 χ^2/NDF : 14.6/18

asym_bcm_dg_us_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 25.562+/-0.009 χ^2/NDF : 11772.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.521+/-0.009 χ^2/NDF : 9657.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

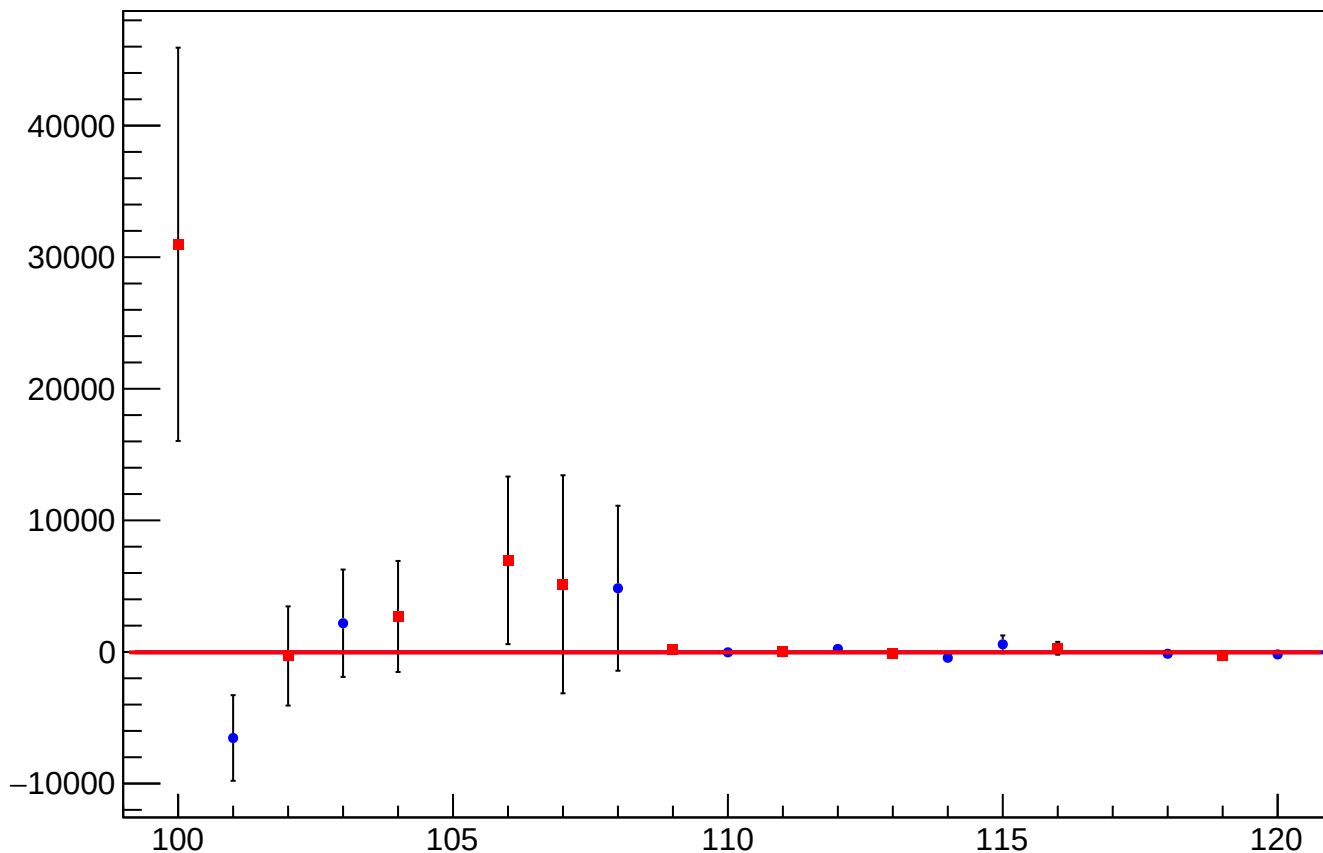
Right: 25.540+/-0.006 χ^2/NDF : 21439.7/18

In: 25.562+/-0.009 χ^2/NDF : 11772.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.540+/-0.006 χ^2/NDF : 21439.7/18

asym_bcm_cav4cQ_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -24.780+/-110.656 χ^2/NDF : 8.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -28.873+/-101.481 χ^2/NDF : 9.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

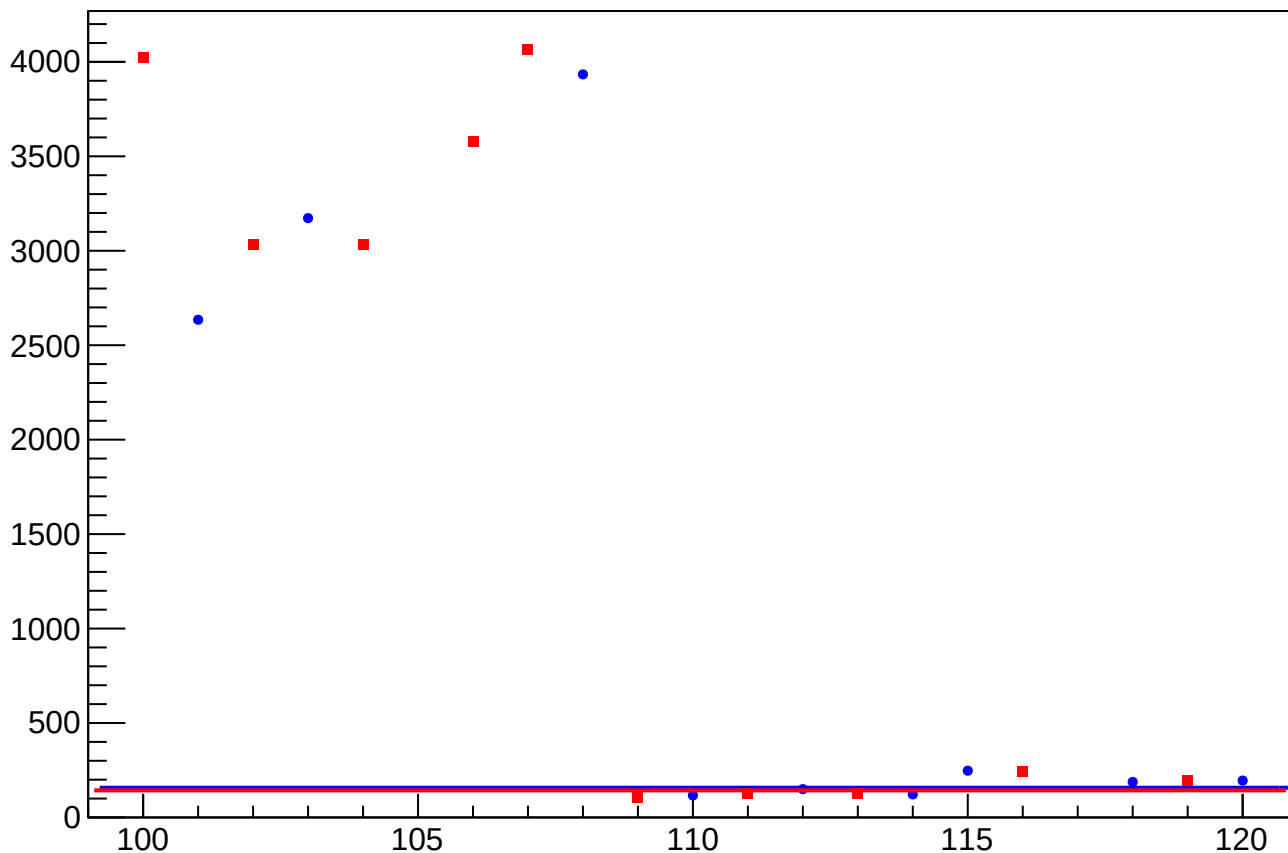
Right: -27.003+/-74.791 χ^2/NDF : 18.2/18

In: -24.780+/-110.656 χ^2/NDF : 8.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.003+/-74.791 χ^2/NDF : 18.2/18

asym_bcm_cav4cQ_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 157.401+/-0.078 χ^2/NDF : 3176628.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 143.431+/-0.072 χ^2/NDF : 3538251.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

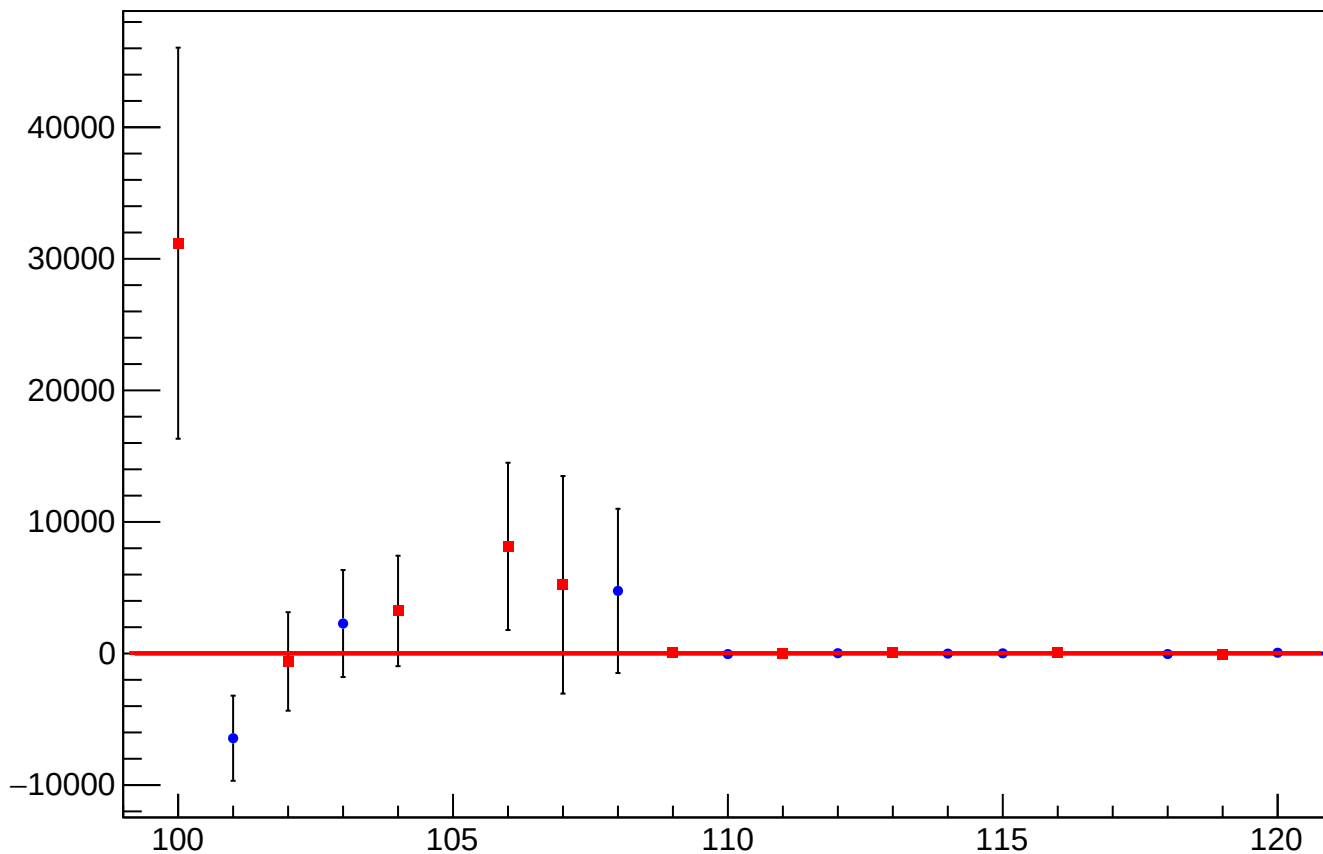
Right: 149.813+/-0.053 χ^2/NDF : 6732195.8/18

In: 157.401+/-0.078 χ^2/NDF :3176628.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 149.813+/-0.053 χ^2/NDF : 6732195.8/18

asym_bcm_cav4cQ_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -1.963+/-19.624 χ^2/NDF : 8.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.595+/-19.721 χ^2/NDF : 15.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

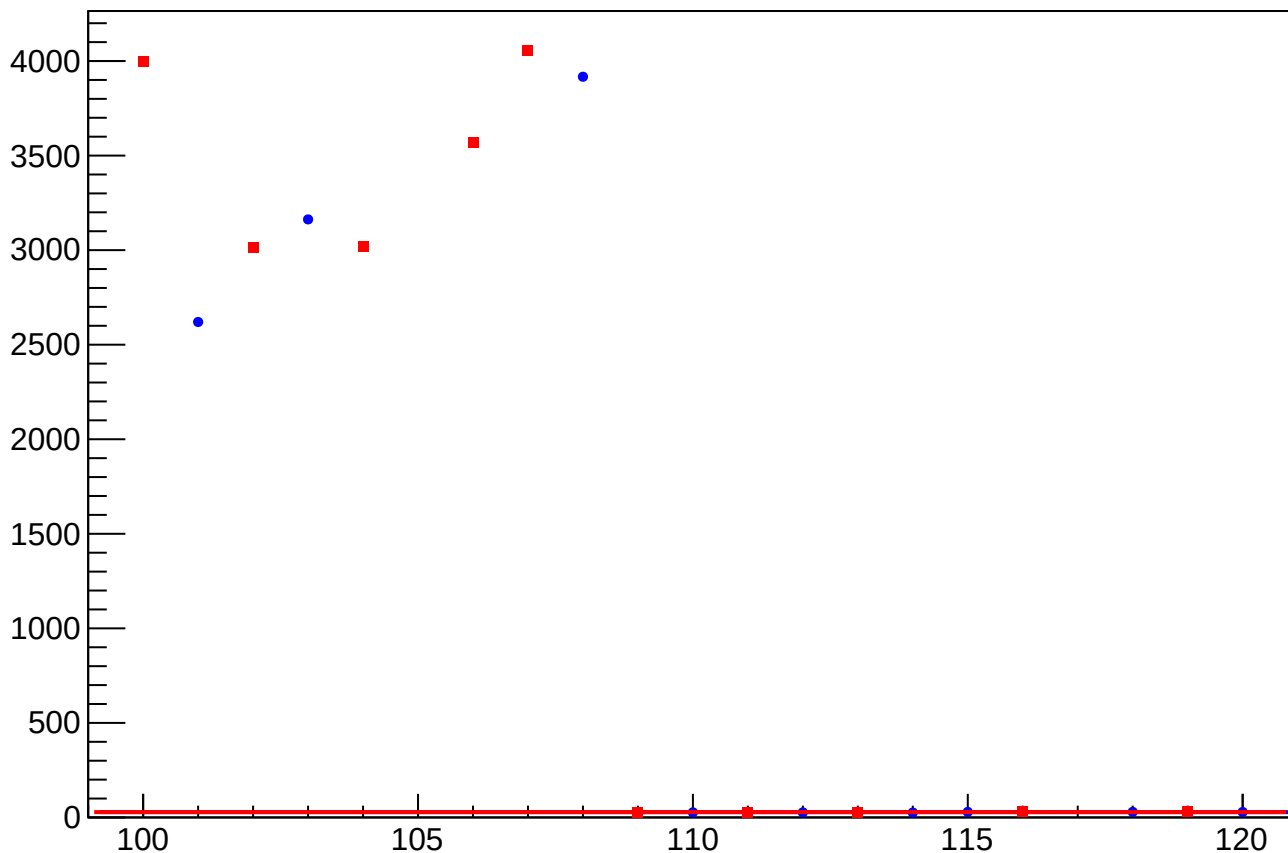
Right: 16.226+/-13.910 χ^2/NDF : 26.3/18

In: -1.963+/-19.624 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.226+/-13.910 χ^2/NDF : 26.3/18

asym_bcm_cav4cQ_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 28.080 $\pm$ 0.014 χ^2 /NDF: 3257394.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 28.369 $\pm$ 0.014 χ^2 /NDF: 3545736.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

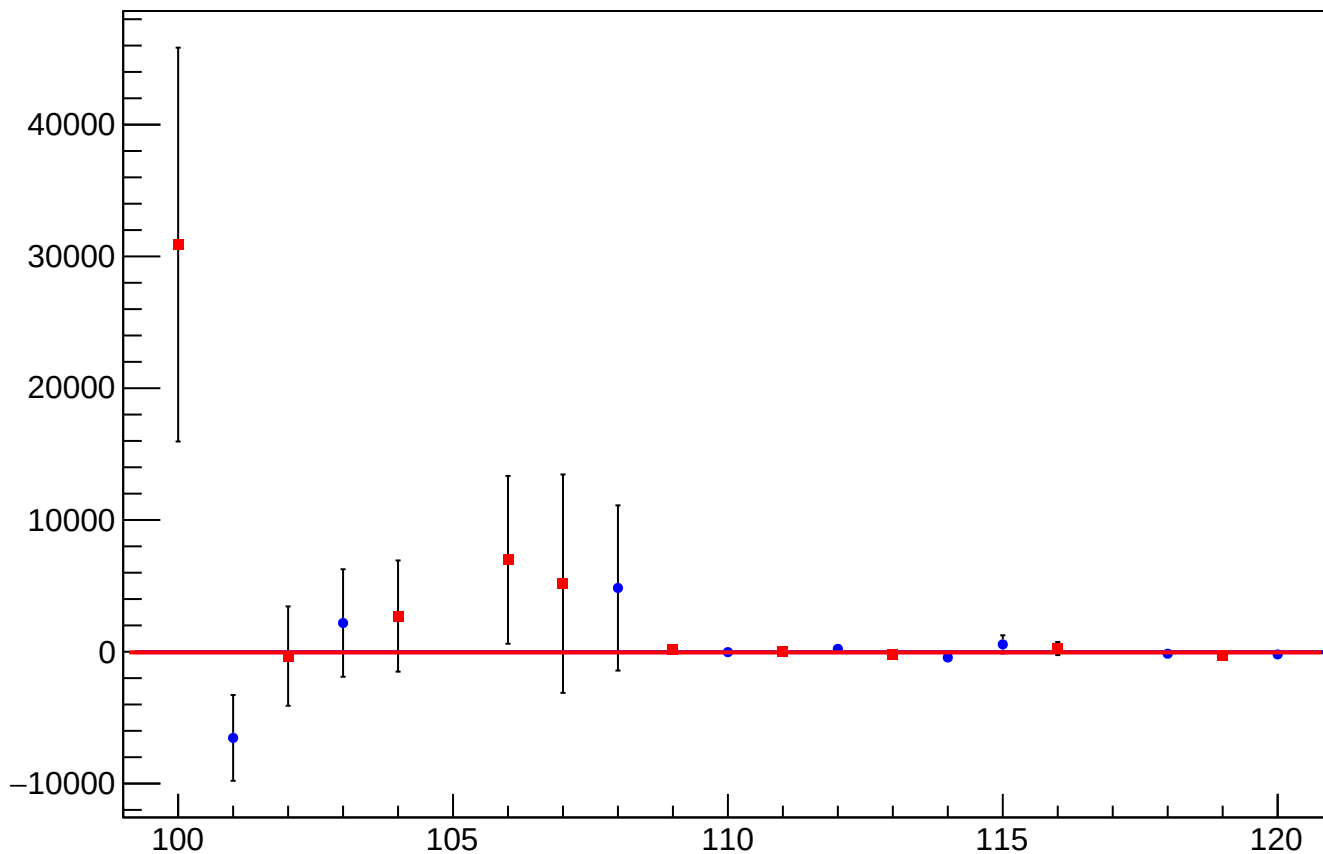
Right: 28.224 $\pm$ 0.010 χ^2 /NDF: 6803346.1/18

In: 28.080 $\pm$ 0.014 χ^2 /NDF:3257394.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 28.224 $\pm$ 0.010 χ^2 /NDF: 6803346.1/18

asym_bcm_cav4cQ_dg_ds_avg_mean vs Slug, Sign Corrected



Right In: -31.687+/-111.627 χ^2/NDF : 8.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -47.096+/-102.477 χ^2/NDF : 9.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

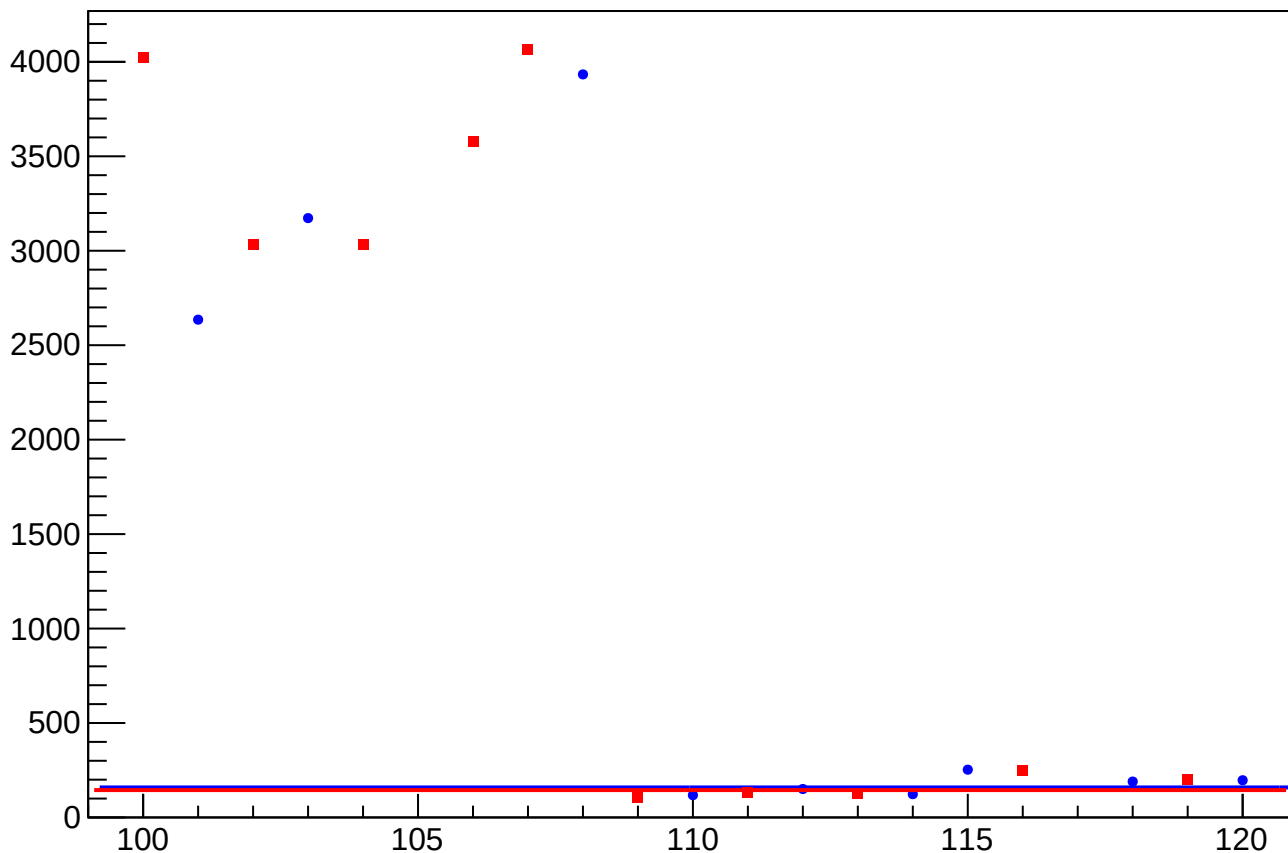
Right: -40.048+/-75.490 χ^2/NDF : 17.9/18

In: -31.687+/-111.627 χ^2/NDF : 8.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.048+/-75.490 χ^2/NDF : 17.9/18

asym_bcm_cav4cQ_dg_ds_avg_rms vs Slug, Sign Corrected



Right In: 158.837+/-0.079 χ^2/NDF : 3175197.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 144.888+/-0.072 χ^2/NDF : 3539009.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

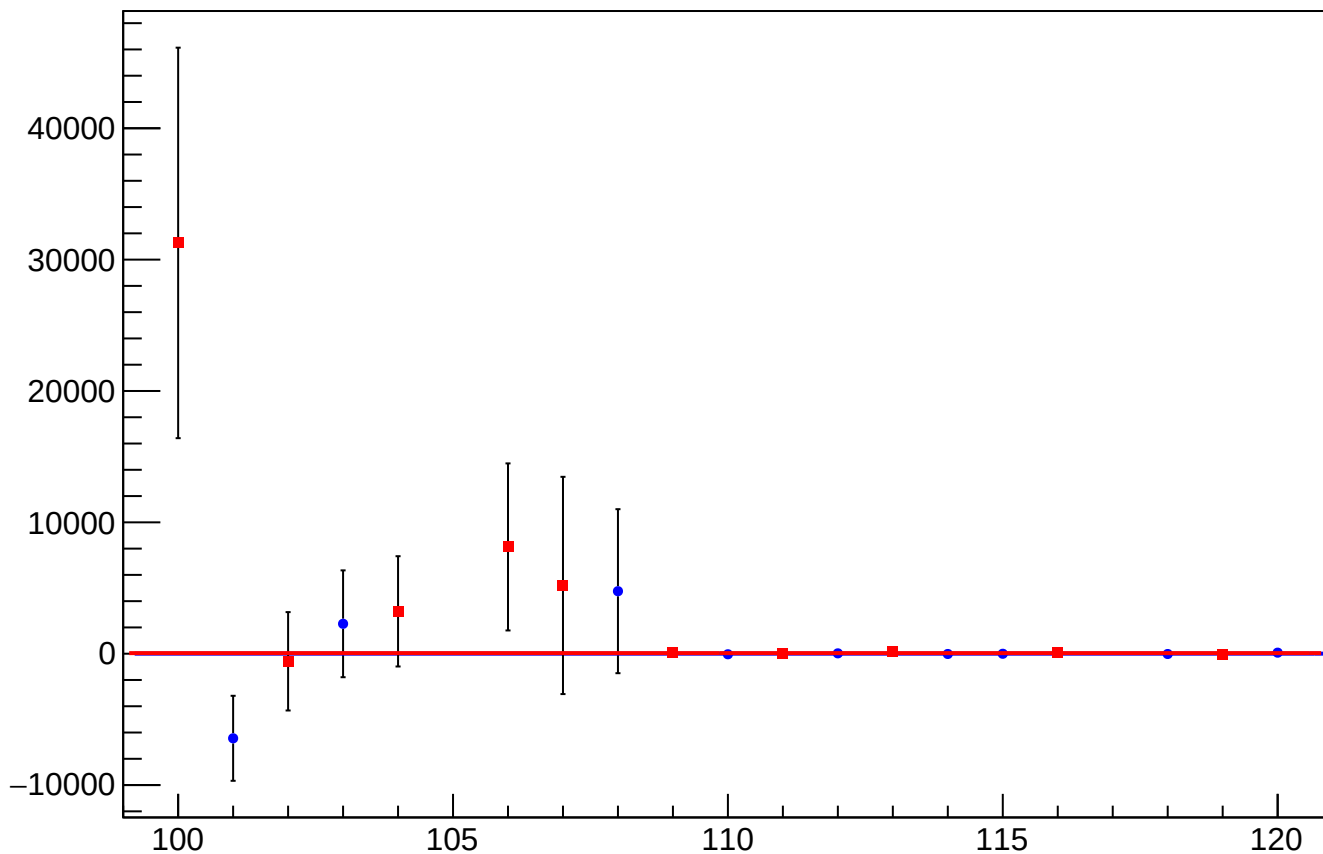
Right: 151.267+/-0.053 χ^2/NDF : 6731154.8/18

In: 158.837+/-0.079 χ^2/NDF :3175197.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 151.267+/-0.053 χ^2/NDF : 6731154.8/18

asym_bcm_cav4cQ_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: 4.724+/-22.079 χ^2/NDF : 8.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.374+/-22.092 χ^2/NDF : 19.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

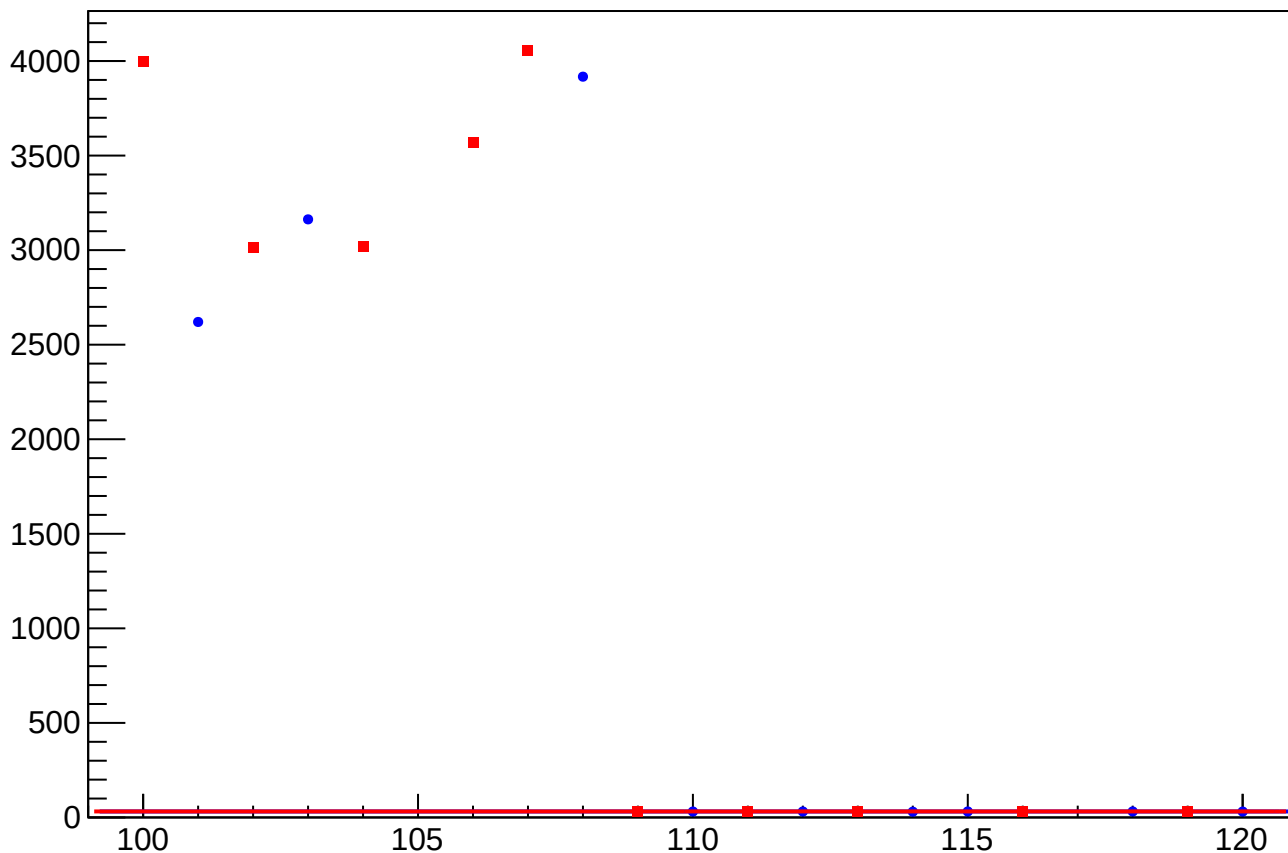
Right: 24.537+/-15.617 χ^2/NDF : 29.8/18

In: 4.724+/-22.079 χ^2/NDF : 8.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.537+/-15.617 χ^2/NDF : 29.8/18

asym_bcm_cav4cQ_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 31.668+/-0.016 χ^2/NDF : 3241348.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.881+/-0.016 χ^2/NDF : 3522127.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

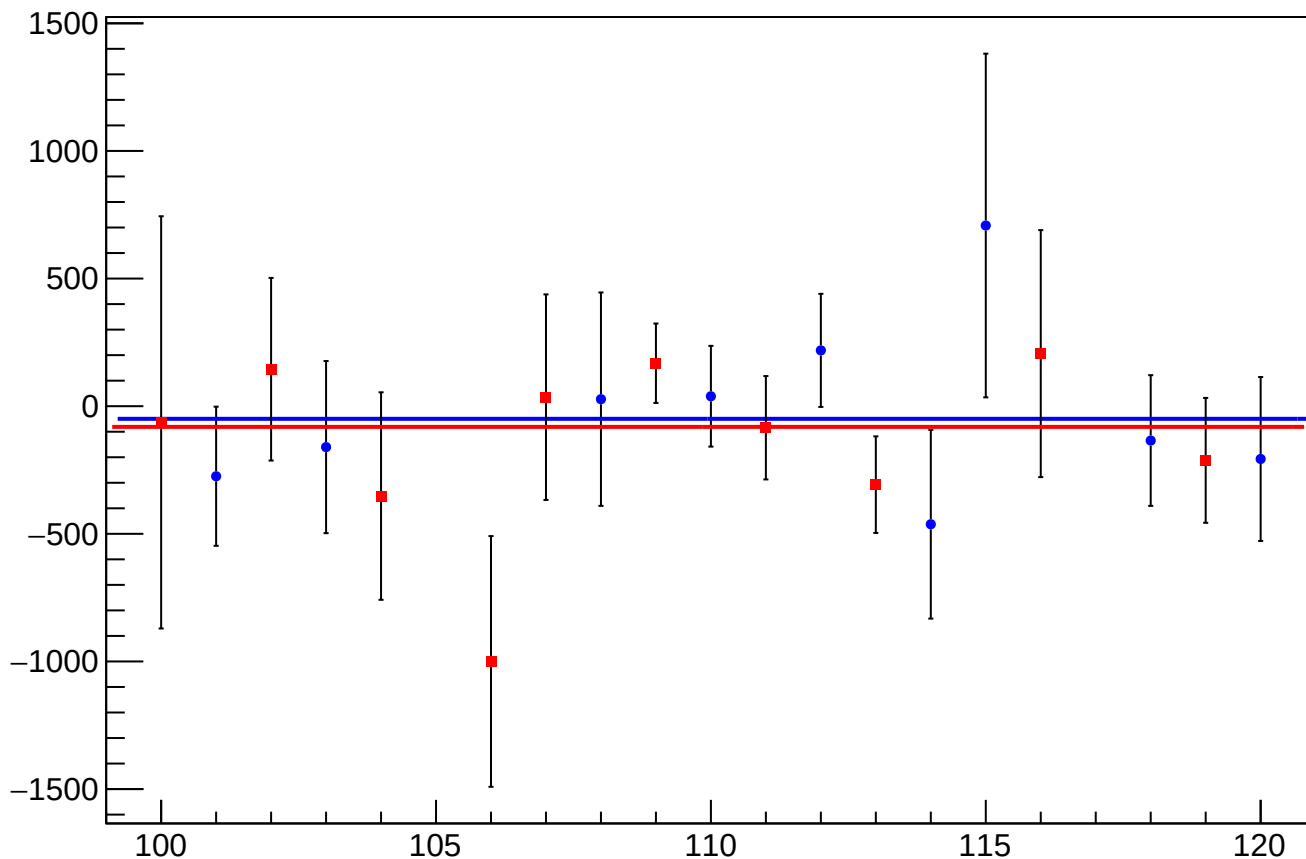
Right: 31.774+/-0.011 χ^2/NDF : 6763568.9/18

In: 31.668+/-0.016 χ^2/NDF : 3241348.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.774+/-0.011 χ^2/NDF : 6763568.9/18

asym_bcm_dg_us_an_us_avg_mean vs Slug, Sign Corrected



Right In: -49.465±/-96.000 χ^2 /NDF: 5.4/8

Left Out: 0.000±/-0.000 χ^2 /NDF:0.0/0

Right Out: -81.055±/-84.402 χ^2 /NDF: 9.1/9

Left In: 0.000±/-0.000 χ^2 /NDF:0.0/0

Left: 0.000±/-0.000 χ^2 /NDF: 0.0/0

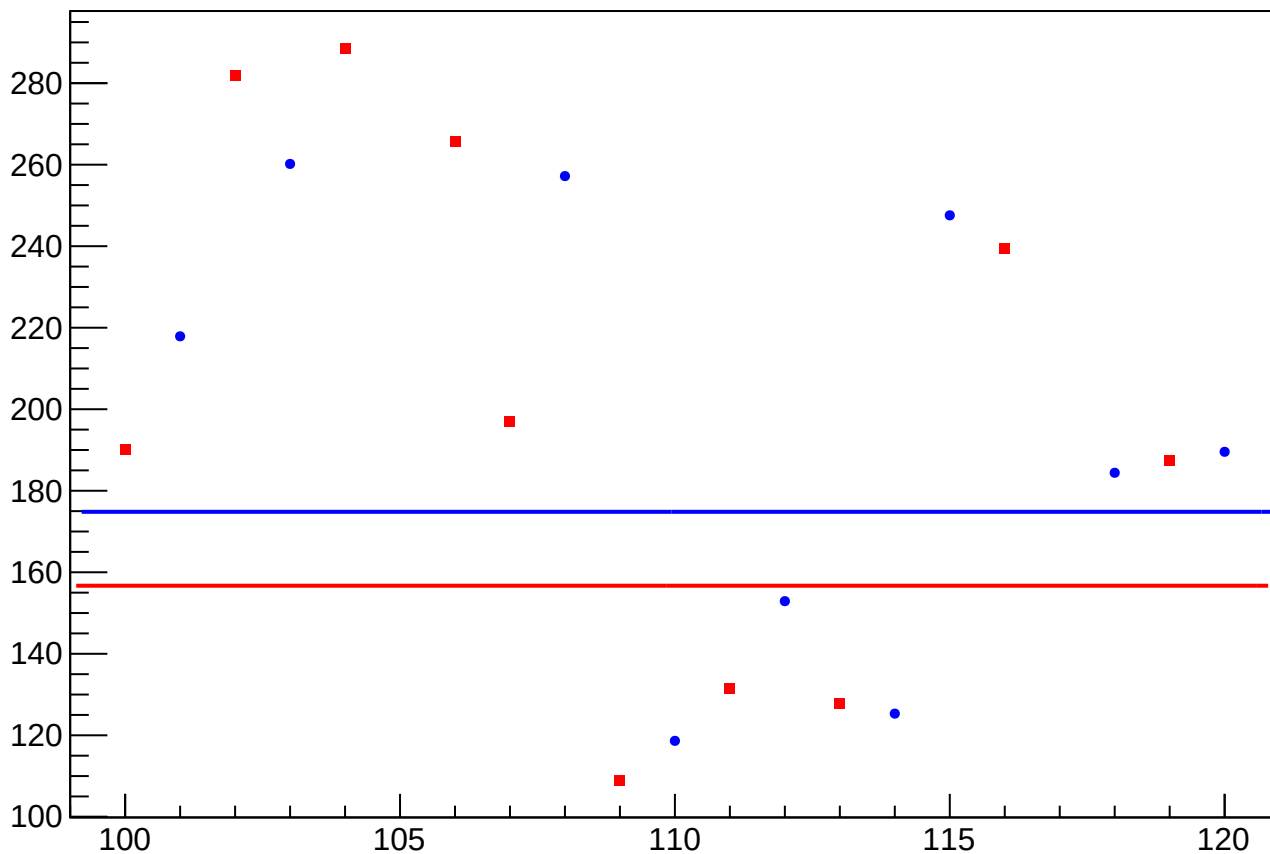
Right: -67.282±/-63.387 χ^2 /NDF: 14.5/18

In: -49.465±/-96.000 χ^2 /NDF:5.4/8

Out: 0.000±/-0.000 χ^2 /NDF:0.0/0

All: -67.282±/-63.387 χ^2 /NDF: 14.5/18

asym_bcm_dg_us_an_us_avg_rms vs Slug, Sign Corrected



Right In: 174.833+/-0.068 χ^2/NDF : 503694.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.698+/-0.060 χ^2/NDF : 932159.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

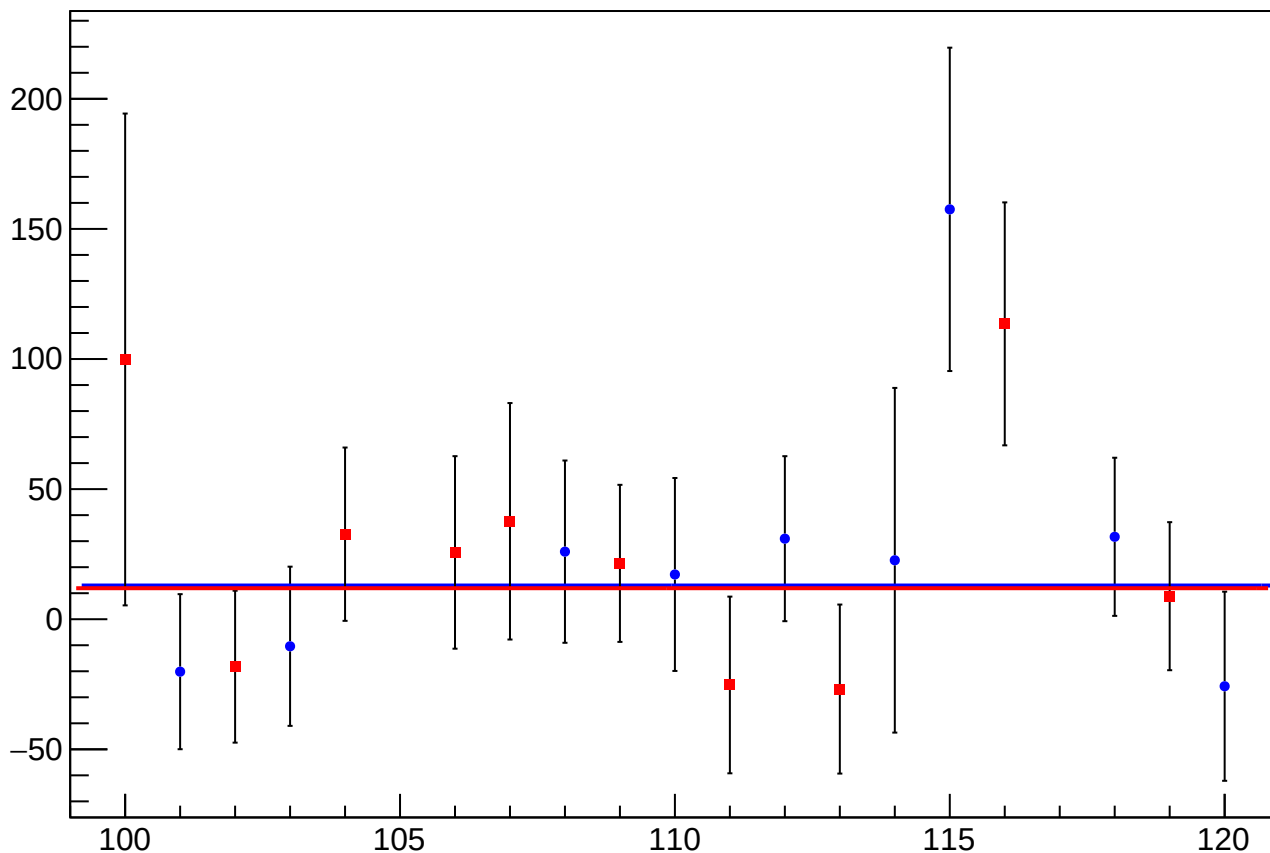
Right: 164.604+/-0.045 χ^2/NDF : 1476107.6/18

In: 174.833+/-0.068 χ^2/NDF : 503694.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.604+/-0.045 χ^2/NDF : 1476107.6/18

asym_bcm_dg_us_an_us_dd_mean vs Slug, Sign Corrected



Right In: 12.950+/-11.902 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.916+/-11.174 χ^2/NDF : 10.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

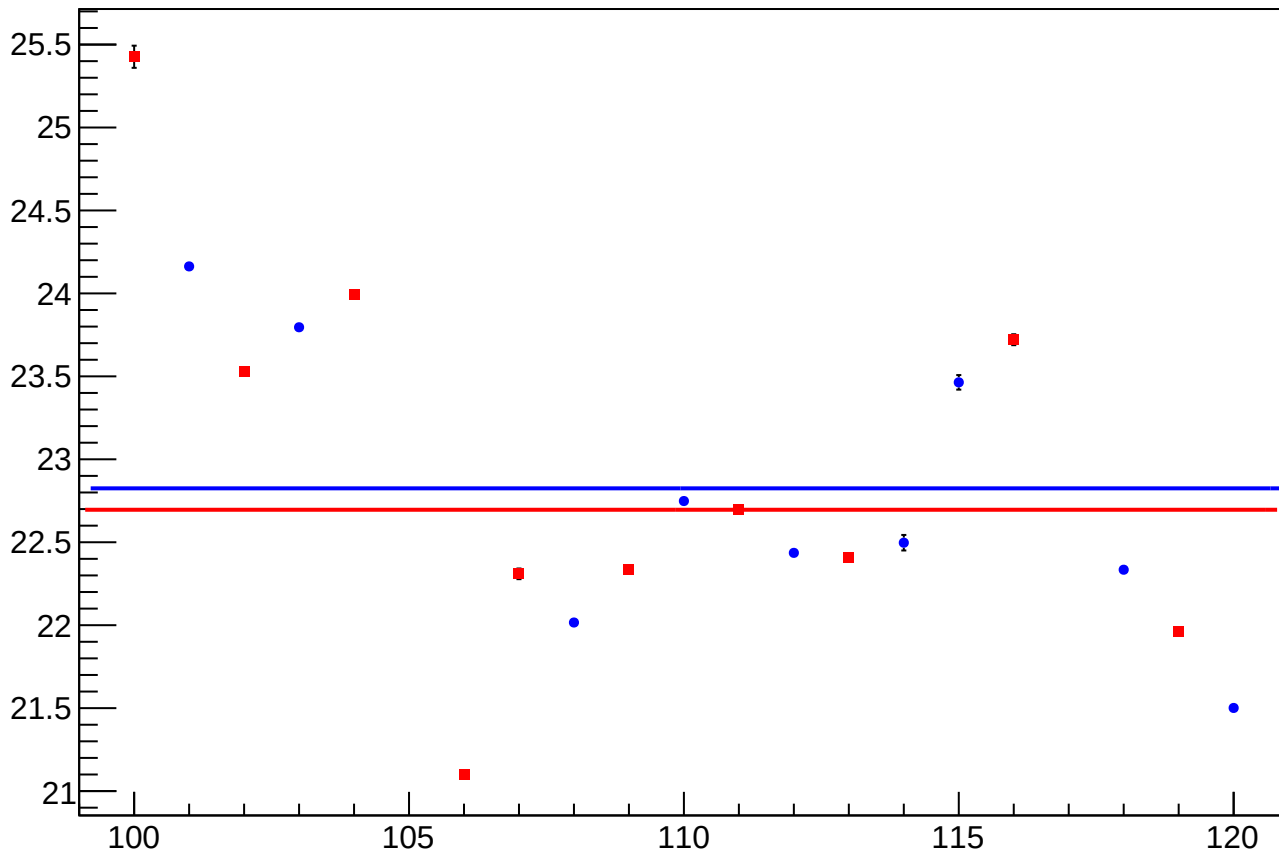
Right: 12.400+/-8.146 χ^2/NDF : 19.5/18

In: 12.950+/-11.902 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.400+/-8.146 χ^2/NDF : 19.5/18

asym_bcm_dg_us_an_us_dd_rms vs Slug, Sign Corrected



Right In: 22.825+/-0.008 χ^2/NDF : 10857.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.696+/-0.008 χ^2/NDF : 12929.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

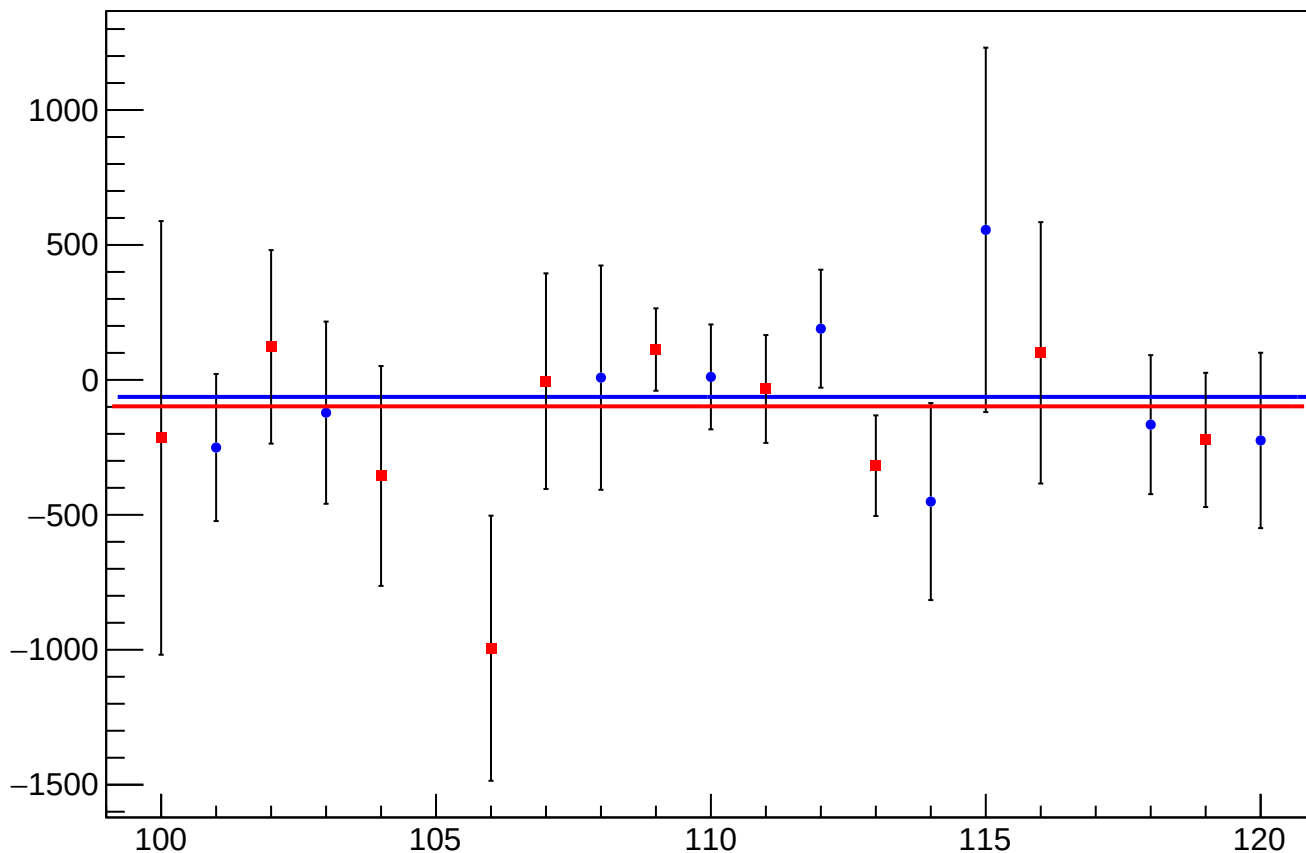
Right: 22.756+/-0.006 χ^2/NDF : 23911.8/18

In: 22.825+/-0.008 χ^2/NDF : 10857.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.756+/-0.006 χ^2/NDF : 23911.8/18

asym_bcm_dg_ds_an_us_avg_mean vs Slug, Sign Corrected



Right In: -63.067+/-95.476 χ^2/NDF : 4.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -98.008+/-83.634 χ^2/NDF : 8.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

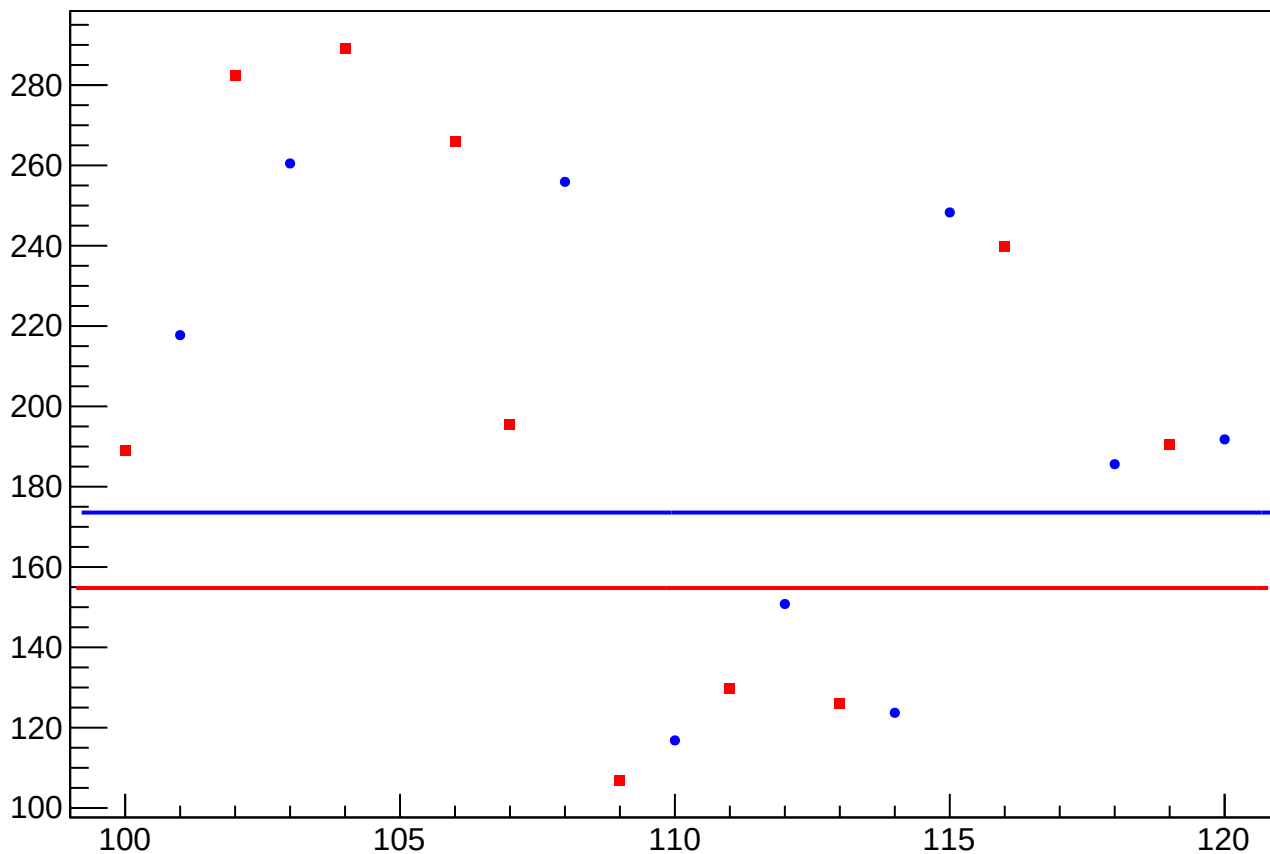
Right: -82.837+/-62.911 χ^2/NDF : 12.5/18

In: -63.067+/-95.476 χ^2/NDF :4.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -82.837+/-62.911 χ^2/NDF : 12.5/18

asym_bcm_dg_ds_an_us_avg_rms vs Slug, Sign Corrected



Right In: 173.561+/-0.068 χ^2/NDF : 528342.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.770+/-0.059 χ^2/NDF : 976180.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

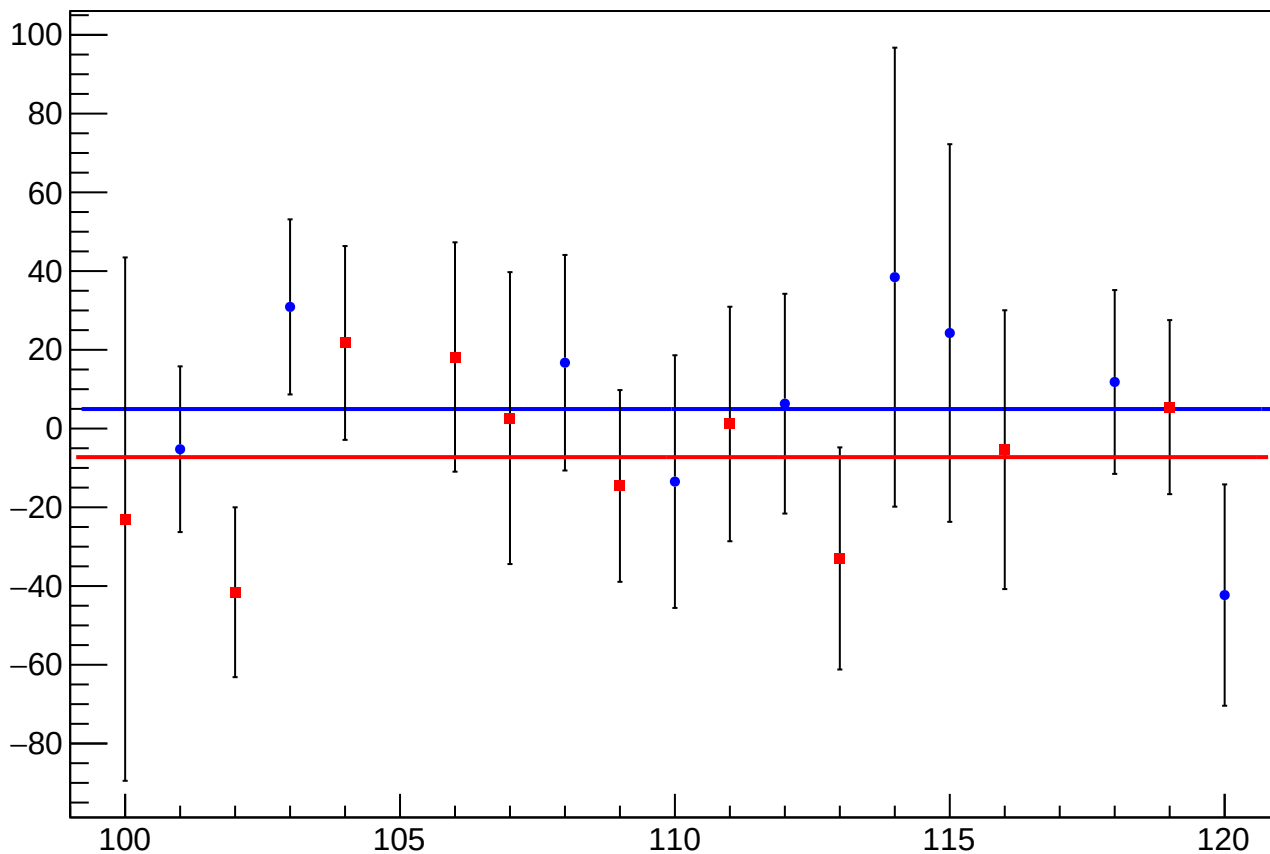
Right: 162.928+/-0.044 χ^2/NDF : 1548357.8/18

In: 173.561+/-0.068 χ^2/NDF : 528342.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.928+/-0.044 χ^2/NDF : 1548357.8/18

asym_bcm_dg_ds_an_us_dd_mean vs Slug, Sign Corrected



Right In: 4.962+/-9.246 χ^2/NDF : 5.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.254+/-8.823 χ^2/NDF : 6.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

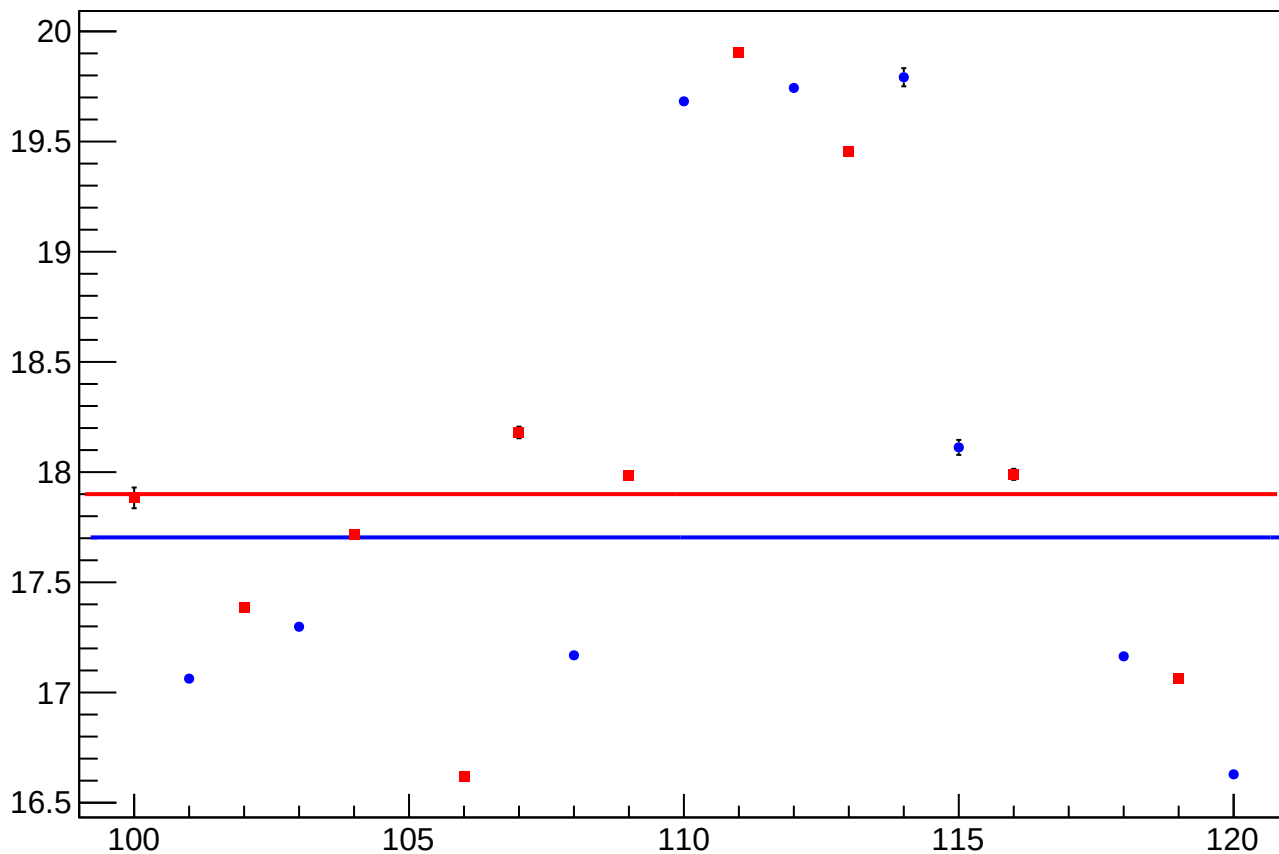
Right: -1.432+/-6.383 χ^2/NDF : 12.6/18

In: 4.962+/-9.246 χ^2/NDF : 5.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.432+/-6.383 χ^2/NDF : 12.6/18

asym_bcm_dg_ds_an_us_dd_rms vs Slug, Sign Corrected



Right In: 17.704+/-0.007 χ^2/NDF : 28266.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.900+/-0.006 χ^2/NDF : 23269.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

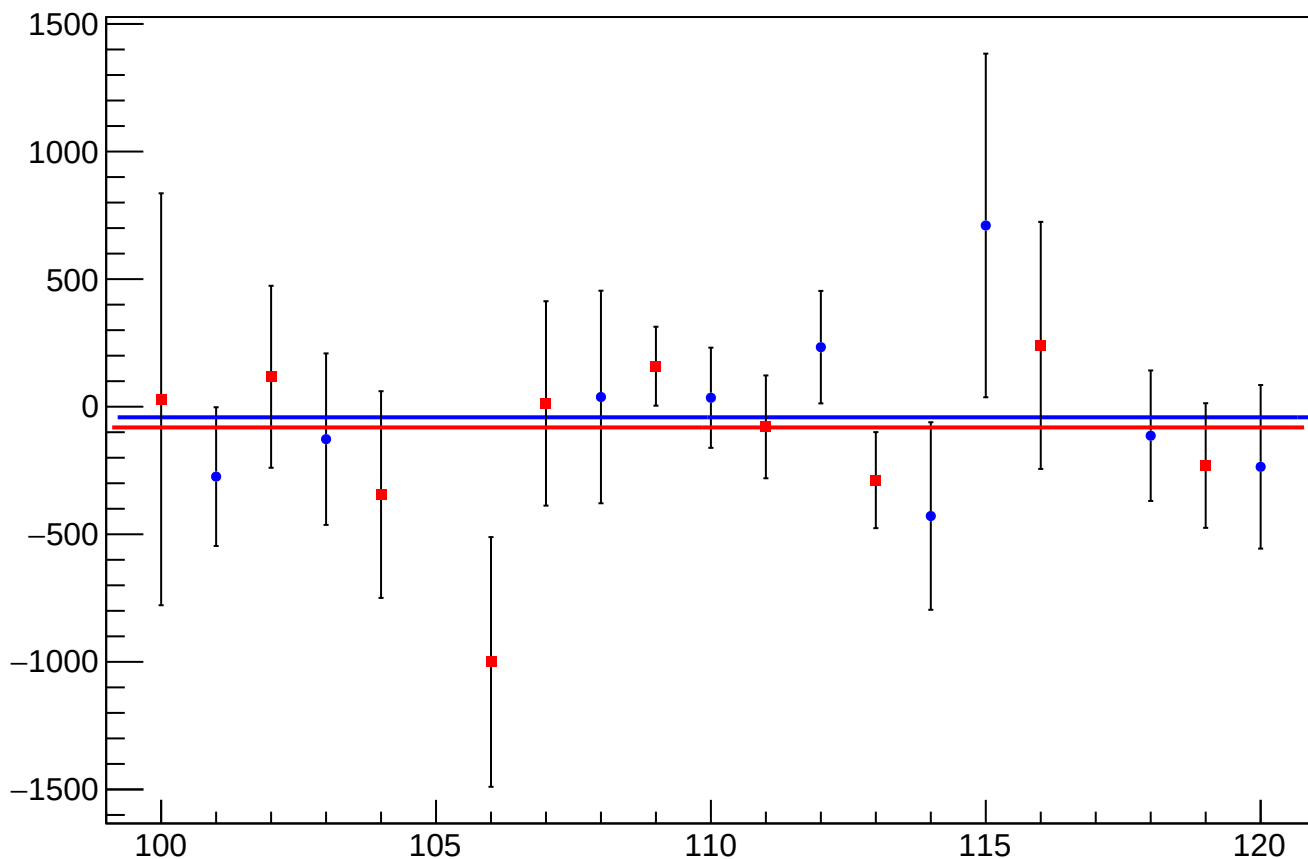
Right: 17.807+/-0.005 χ^2/NDF : 52007.2/18

In: 17.704+/-0.007 χ^2/NDF : 28266.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.807+/-0.005 χ^2/NDF : 52007.2/18

asym_bcm_dg_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -41.512 ± 95.645 χ^2/NDF : 5.3/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -81.236 ± 84.038 χ^2/NDF : 8.8/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

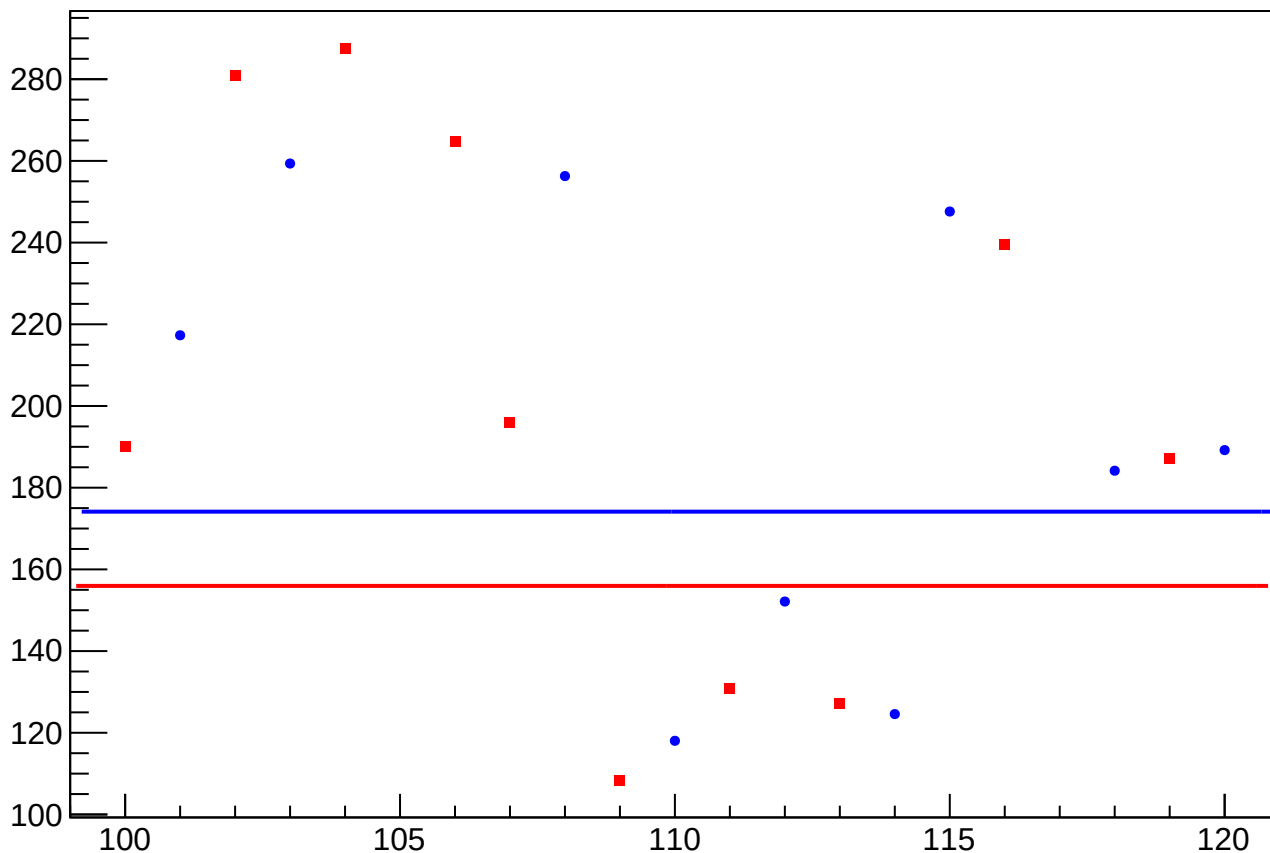
Right: -63.929 ± 63.131 χ^2/NDF : 14.2/18

In: -41.512 ± 95.645 χ^2/NDF : 5.3/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -63.929 ± 63.131 χ^2/NDF : 14.2/18

asym_bcm_dg_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 174.132+/-0.068 χ^2/NDF : 507694.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.959+/-0.059 χ^2/NDF : 937622.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

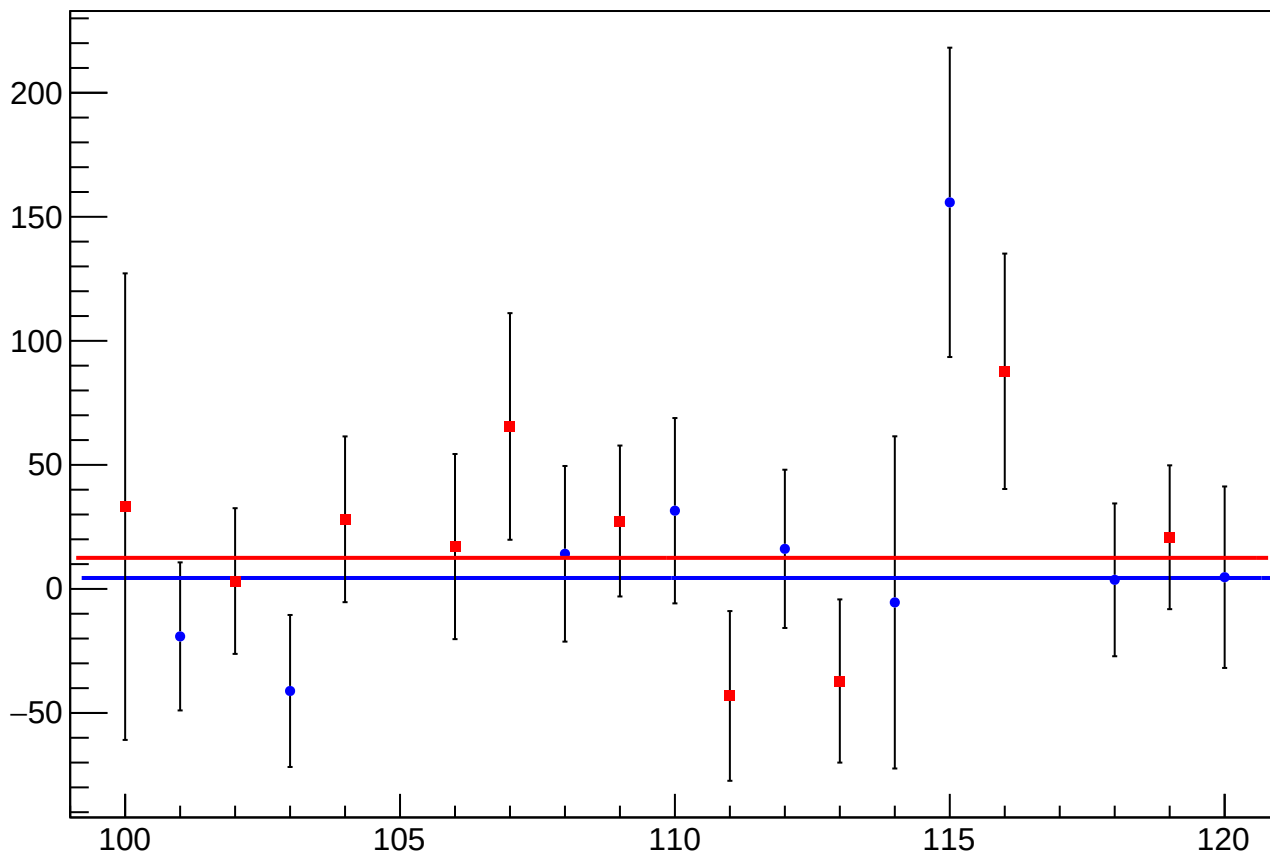
Right: 163.876+/-0.045 χ^2/NDF : 1486064.9/18

In: 174.132+/-0.068 χ^2/NDF : 507694.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.876+/-0.045 χ^2/NDF : 1486064.9/18

asym_bcm_dg_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: 4.408+/-11.980 χ^2/NDF : 9.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.522+/-11.280 χ^2/NDF : 9.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

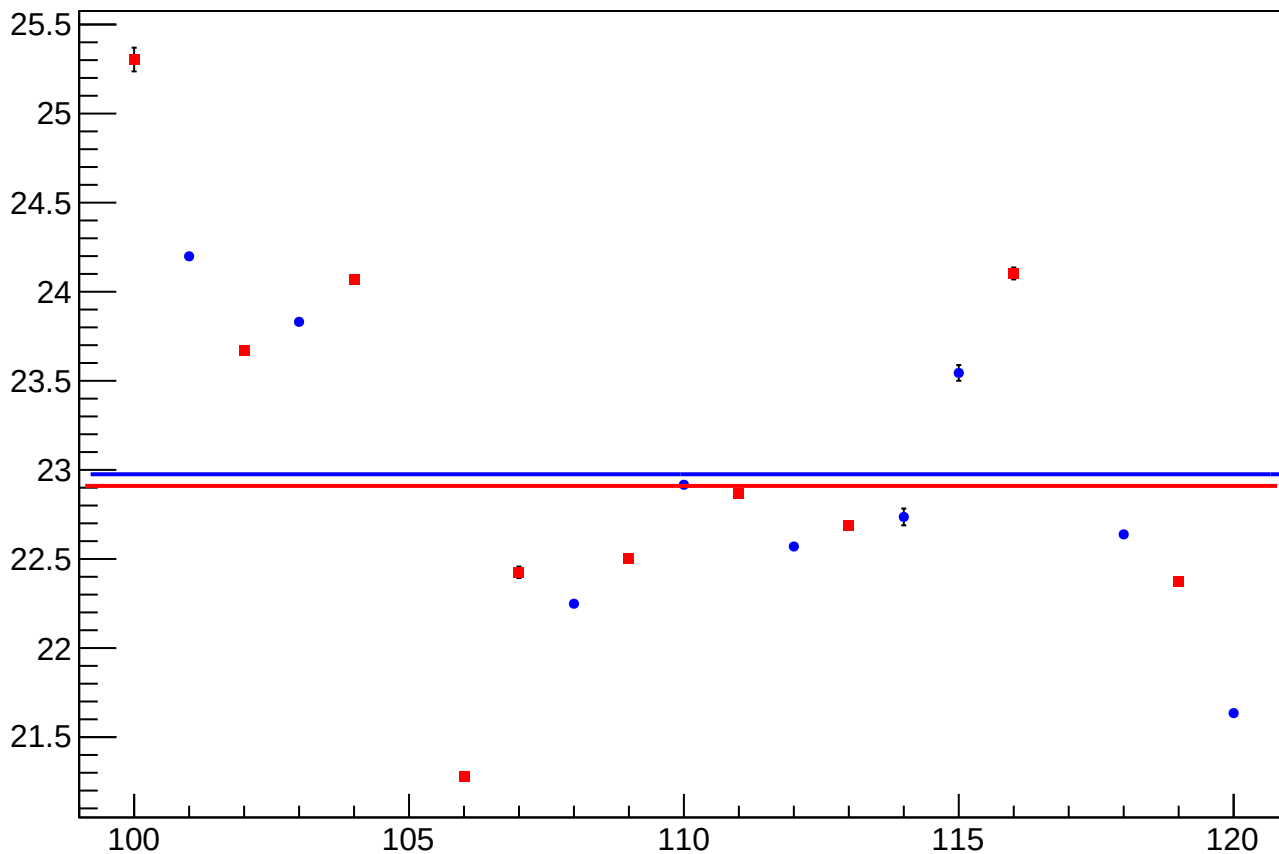
Right: 8.709+/-8.212 χ^2/NDF : 19.2/18

In: 4.408+/-11.980 χ^2/NDF : 9.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.709+/-8.212 χ^2/NDF : 19.2/18

asym_bcm_dg_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 22.975+/-0.008 χ^2/NDF : 9211.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.910+/-0.008 χ^2/NDF : 11467.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

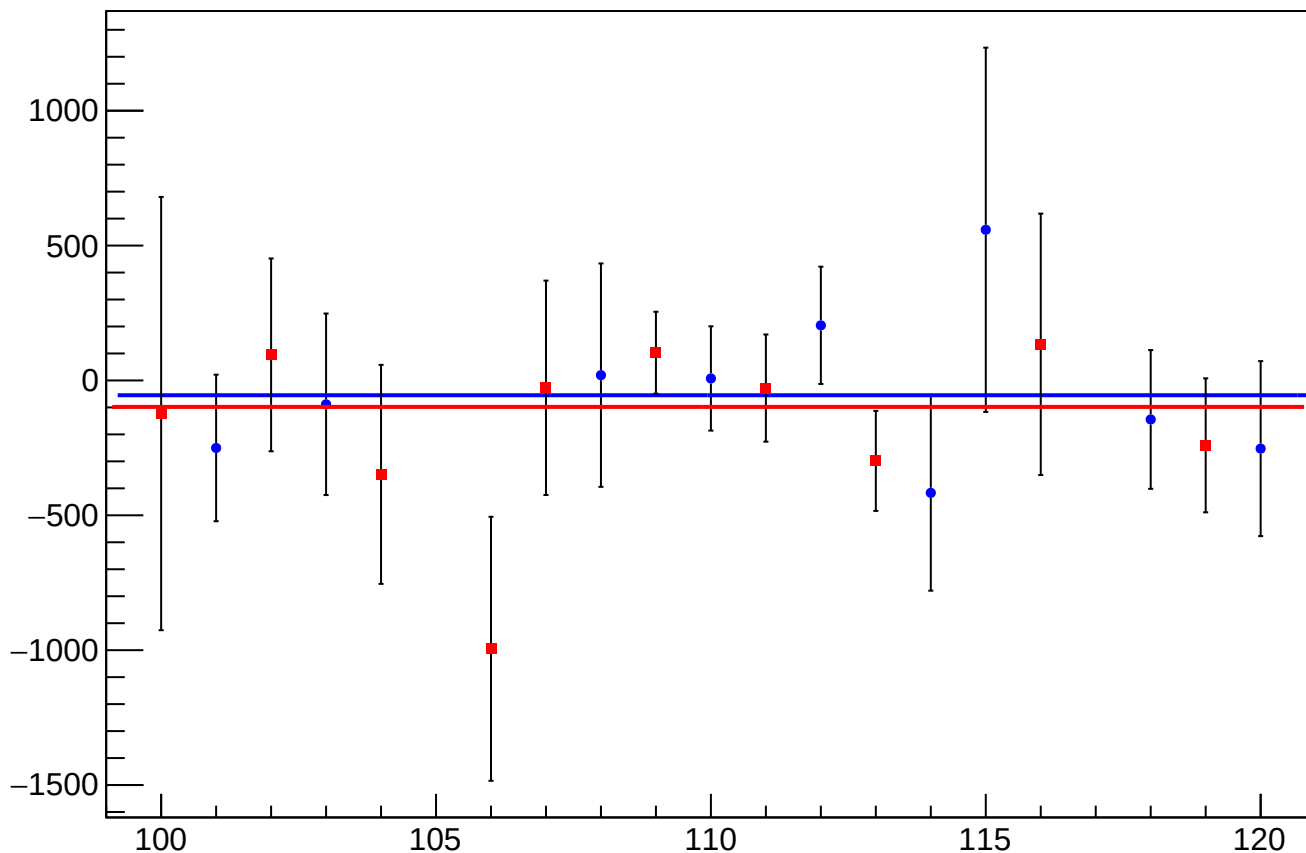
Right: 22.941+/-0.006 χ^2/NDF : 20710.1/18

In: 22.975+/-0.008 χ^2/NDF : 9211.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.941+/-0.006 χ^2/NDF : 20710.1/18

asym_bcm_dg_ds_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -54.891+/-95.117 χ^2/NDF : 4.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -98.108+/-83.266 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

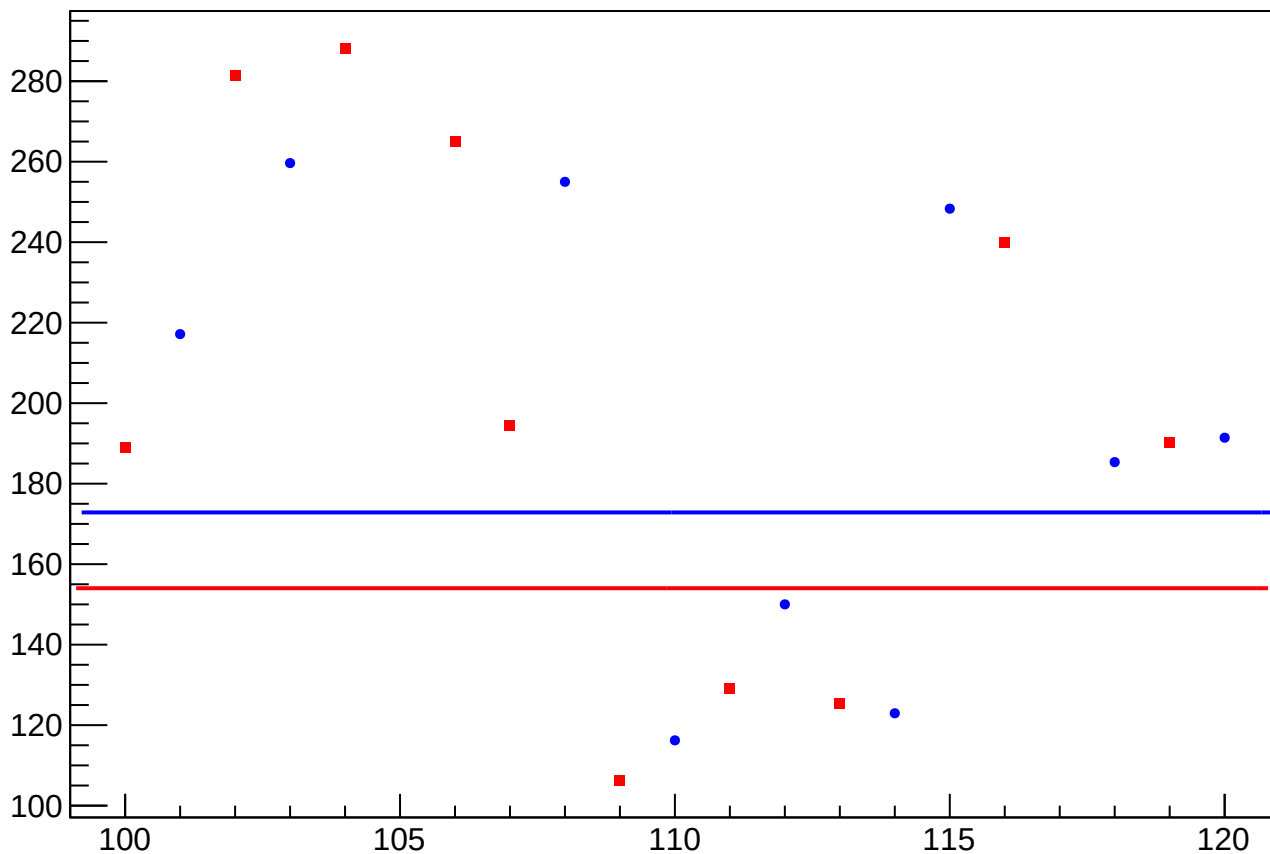
Right: -79.358+/-62.651 χ^2/NDF : 12.2/18

In: -54.891+/-95.117 χ^2/NDF : 4.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -79.358+/-62.651 χ^2/NDF : 12.2/18

asym_bcm_dg_ds_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 172.850+/-0.067 χ^2/NDF : 532682.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.021+/-0.059 χ^2/NDF : 982054.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

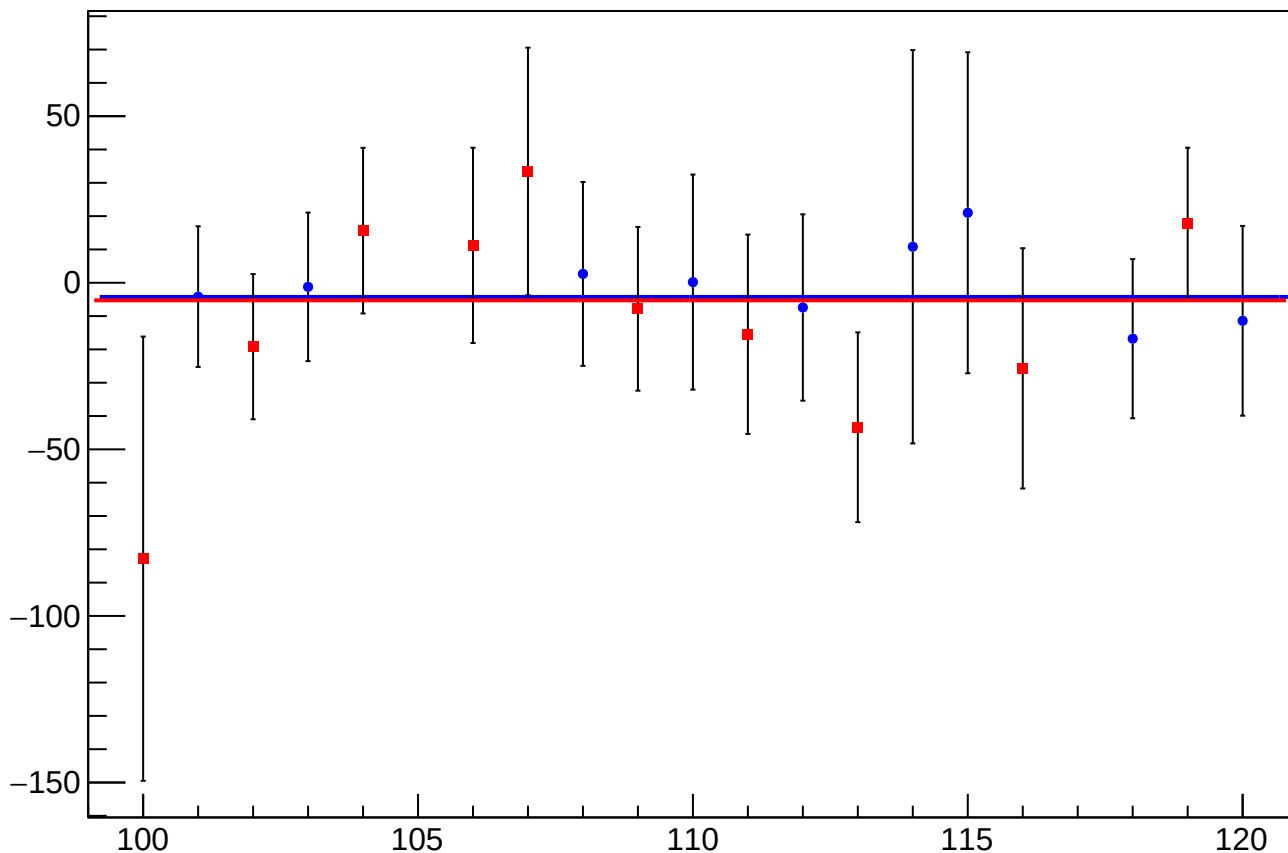
Right: 162.190+/-0.044 χ^2/NDF : 1559107.3/18

In: 172.850+/-0.067 χ^2/NDF : 532682.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.190+/-0.044 χ^2/NDF : 1559107.3/18

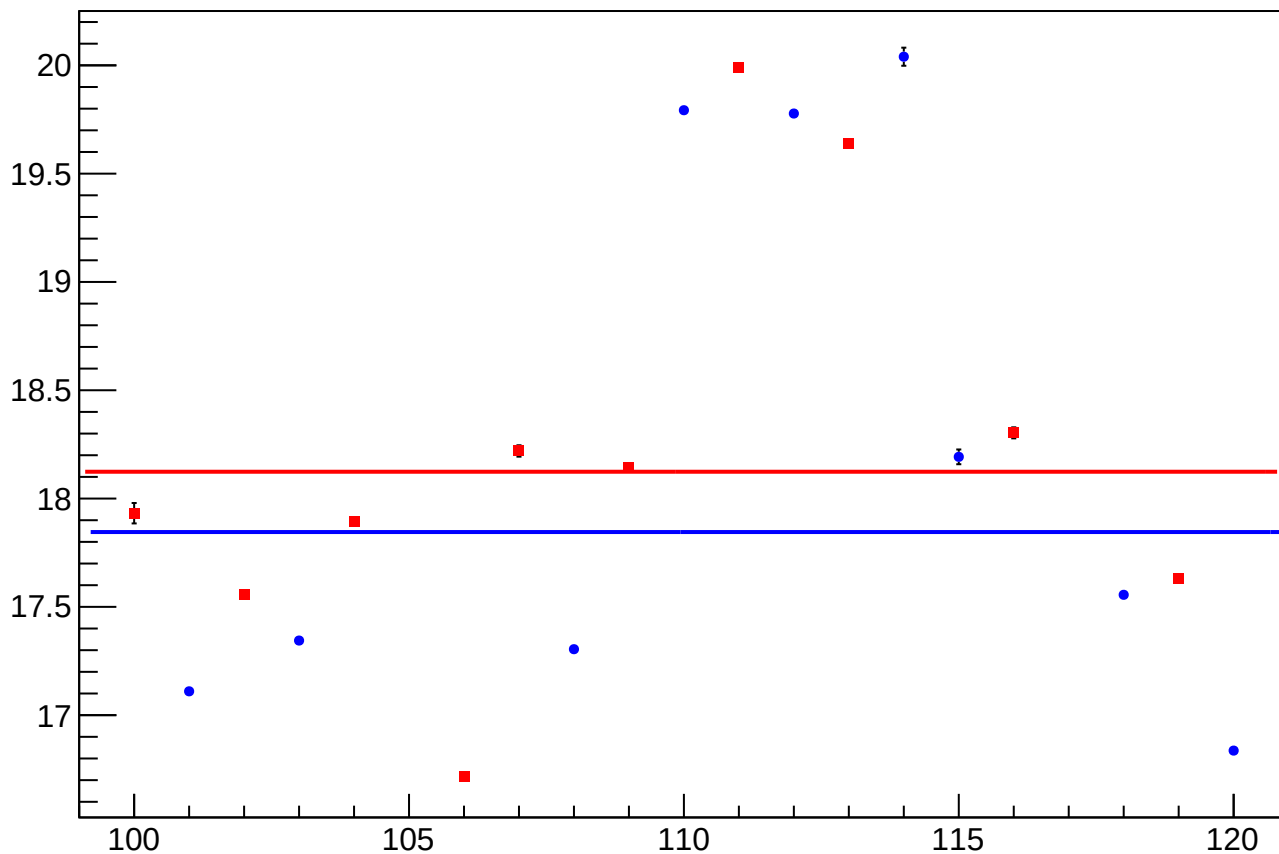
asym_bcm_dg_ds_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -4.253+/-9.321 χ^2/NDF : 0.8/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -5.271+/-8.934 χ^2/NDF : 7.1/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -4.783+/-6.450 χ^2/NDF : 7.9/18
 In: -4.253+/-9.321 χ^2/NDF : 0.8/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -4.783+/-6.450 χ^2/NDF : 7.9/18

asym_bcm_dg_ds_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 17.845+/-0.007 χ^2/NDF : 26704.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.124+/-0.006 χ^2/NDF : 20573.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

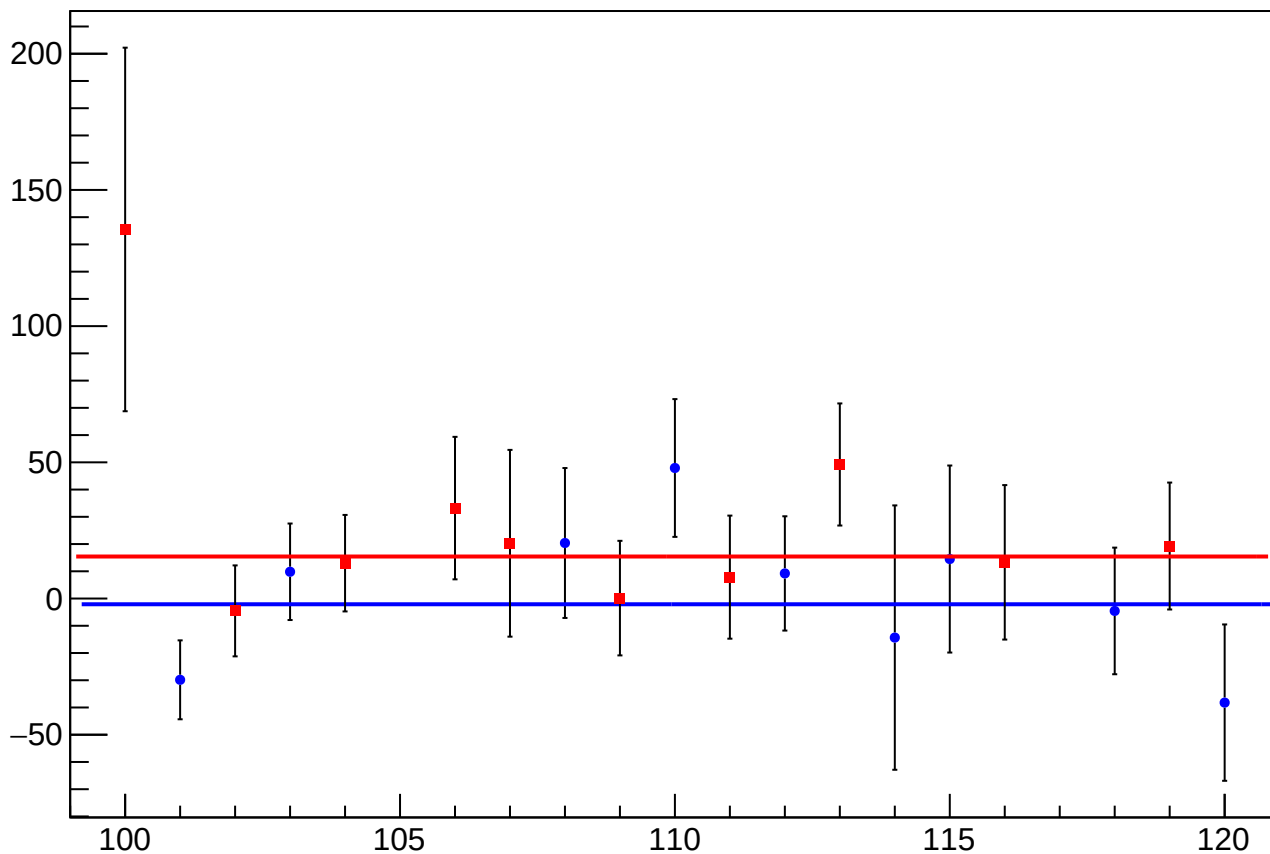
Right: 17.991+/-0.005 χ^2/NDF : 48208.5/18

In: 17.845+/-0.007 χ^2/NDF : 26704.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.991+/-0.005 χ^2/NDF : 48208.5/18

diff_bpm_4aX_4acX_avg_mean vs Slug, Sign Corrected



Right In: -2.105+/-7.571 χ^2/NDF : 10.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.424+/-7.330 χ^2/NDF : 8.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

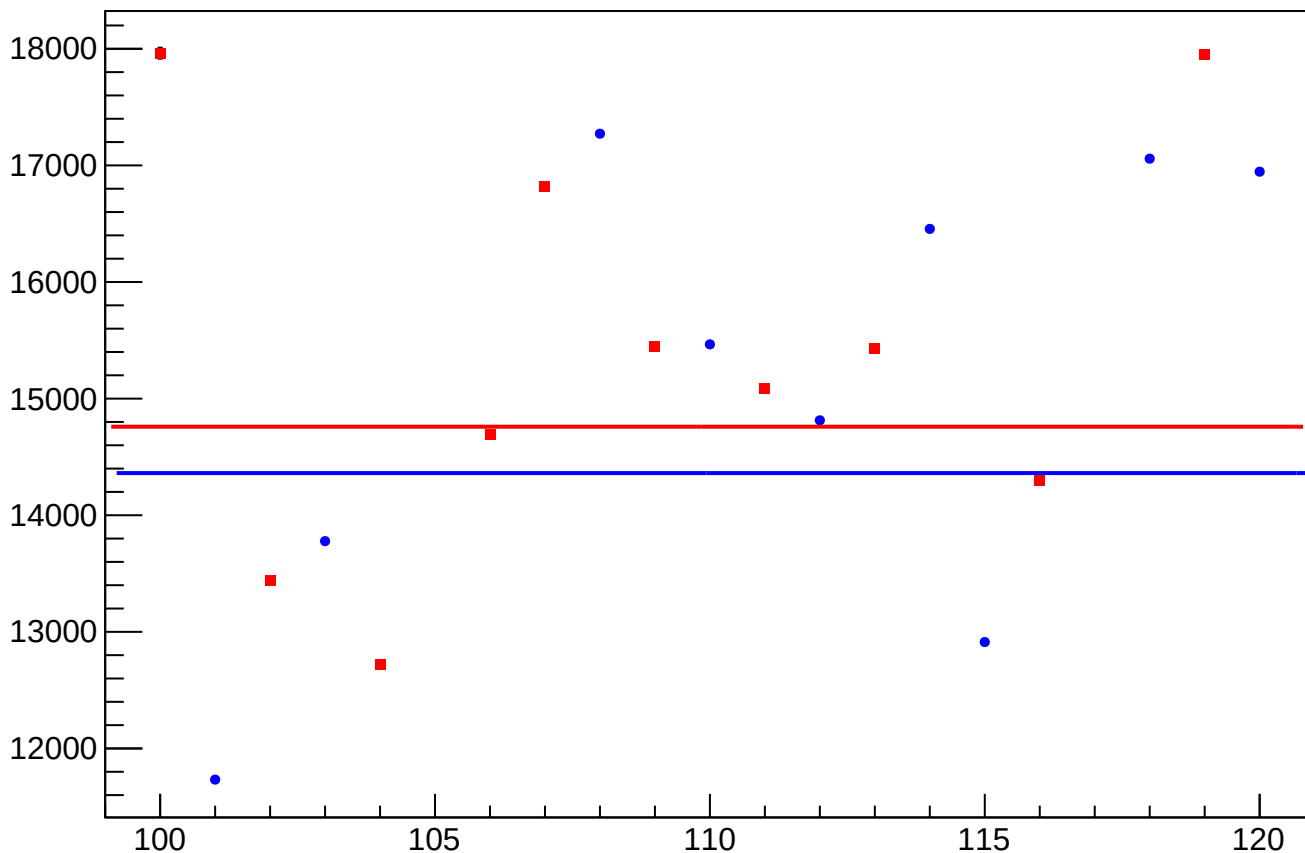
Right: 6.942+/-5.266 χ^2/NDF : 21.8/18

In: -2.105+/-7.571 χ^2/NDF : 10.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.942+/-5.266 χ^2/NDF : 21.8/18

diff_bpm_4aX_4acX_avg_rms vs Slug, Sign Corrected



Right In: 14361.597+/-5.353 χ^2 /NDF: 145558.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 14759.199+/-5.183 χ^2 /NDF: 93234.2/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

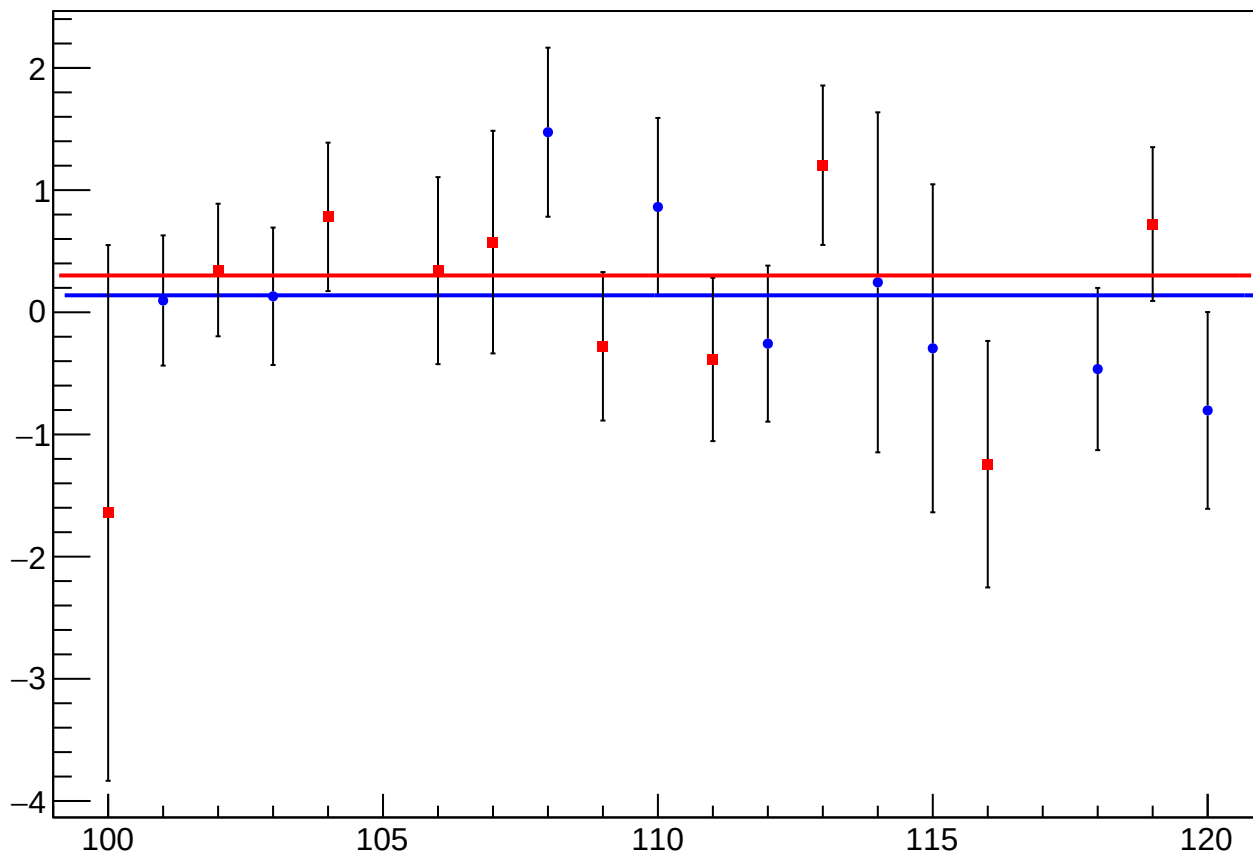
Right: 14566.805+/-3.724 χ^2 /NDF: 241639.7/18

In: 14361.597+/-5.353 χ^2 /NDF:145558.4/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 14566.805+/-3.724 χ^2 /NDF: 241639.7/18

diff_bpm_4aX_4acX_dd_mean vs Slug, Sign Corrected



Right In: 0.139+/-0.236 χ^2/NDF : 7.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.301+/-0.223 χ^2/NDF : 8.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

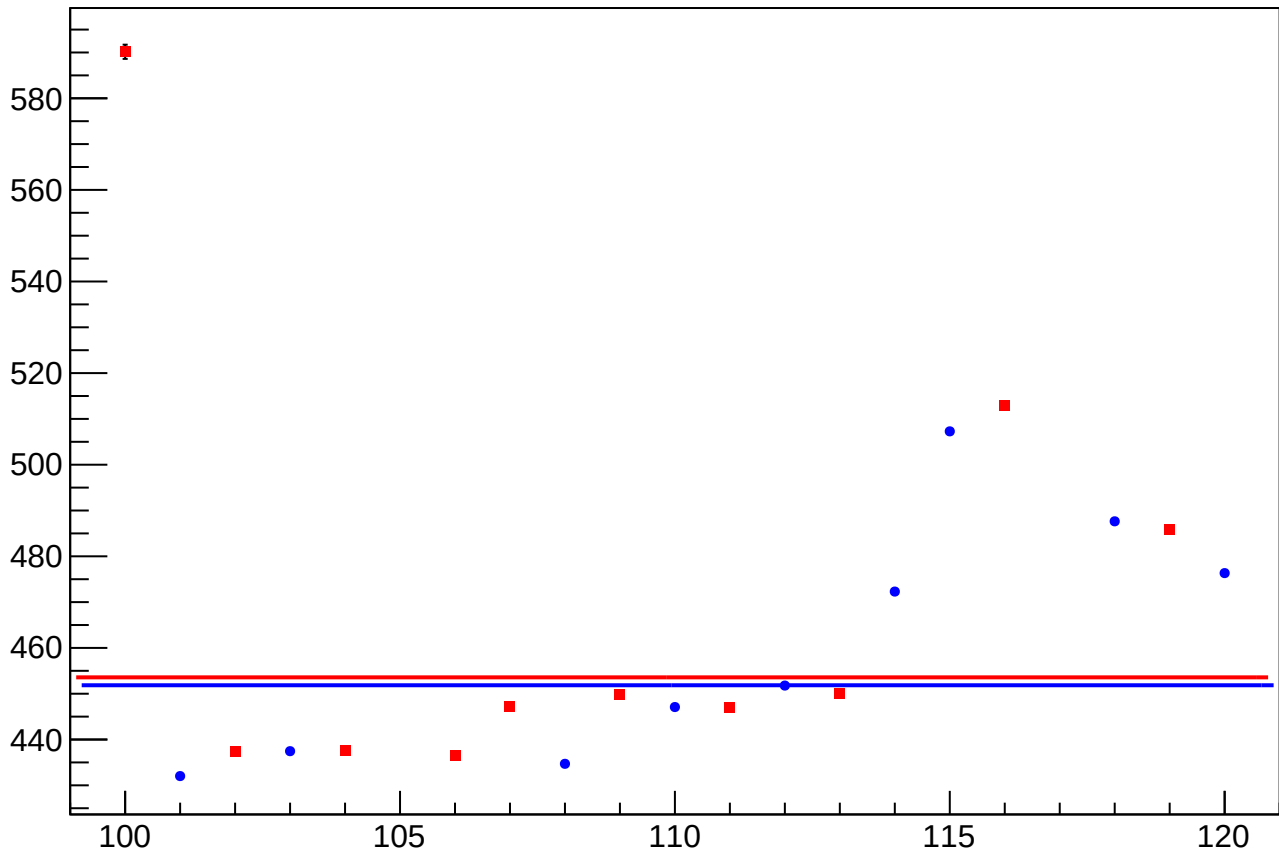
Right: 0.224+/-0.162 χ^2/NDF : 15.8/18

In: 0.139+/-0.236 χ^2/NDF : 7.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.224+/-0.162 χ^2/NDF : 15.8/18

diff_bpm_4aX_4acX_dd_rms vs Slug, Sign Corrected



Right In: 451.849+/-0.167 χ^2/NDF : 16900.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 453.574+/-0.158 χ^2/NDF : 24453.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

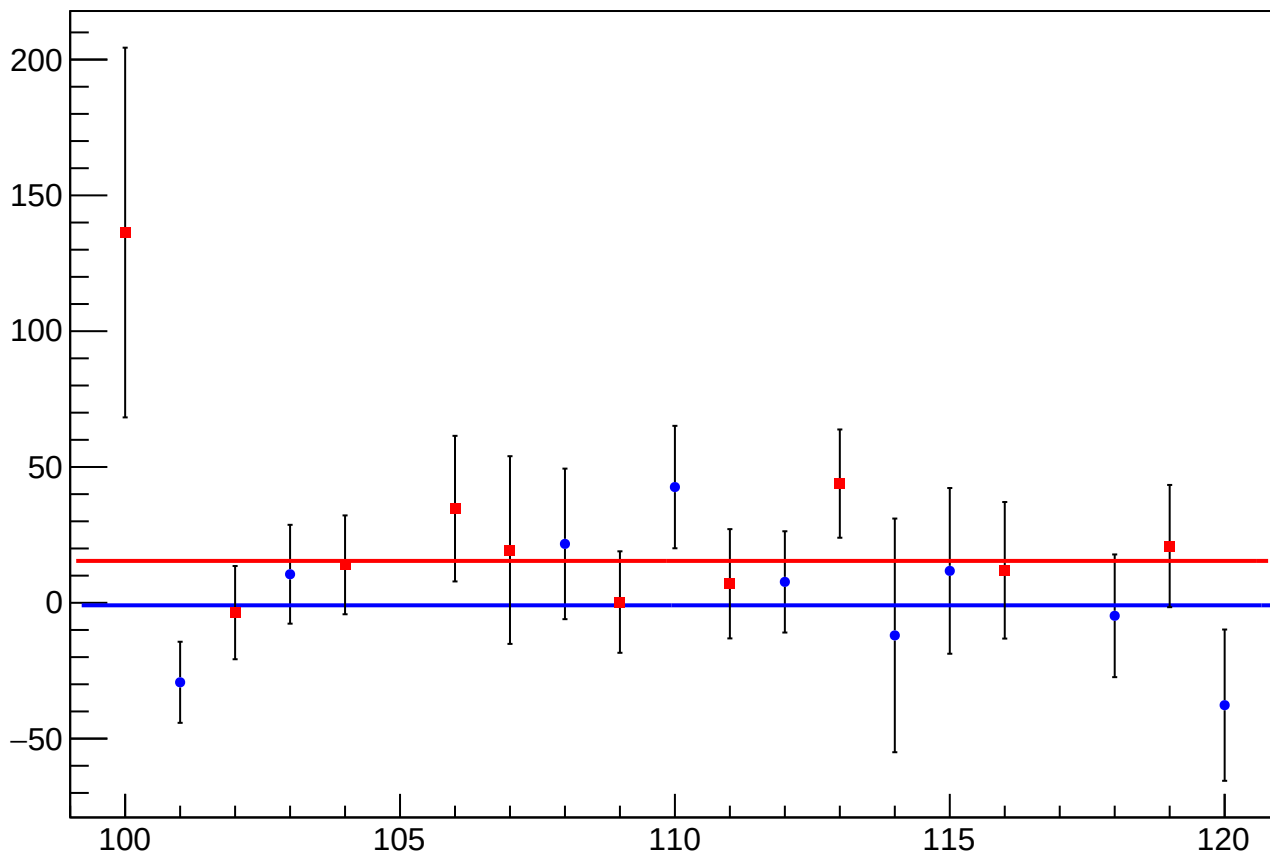
Right: 452.758+/-0.115 χ^2/NDF : 41409.8/18

In: 451.849+/-0.167 χ^2/NDF : 16900.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 452.758+/-0.115 χ^2/NDF : 41409.8/18

diff_bpm_4aX_4eX_avg_mean vs Slug, Sign Corrected



Right In: -0.927 ± 7.348 χ^2/NDF : 10.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 15.423 ± 7.023 χ^2/NDF : 7.9/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

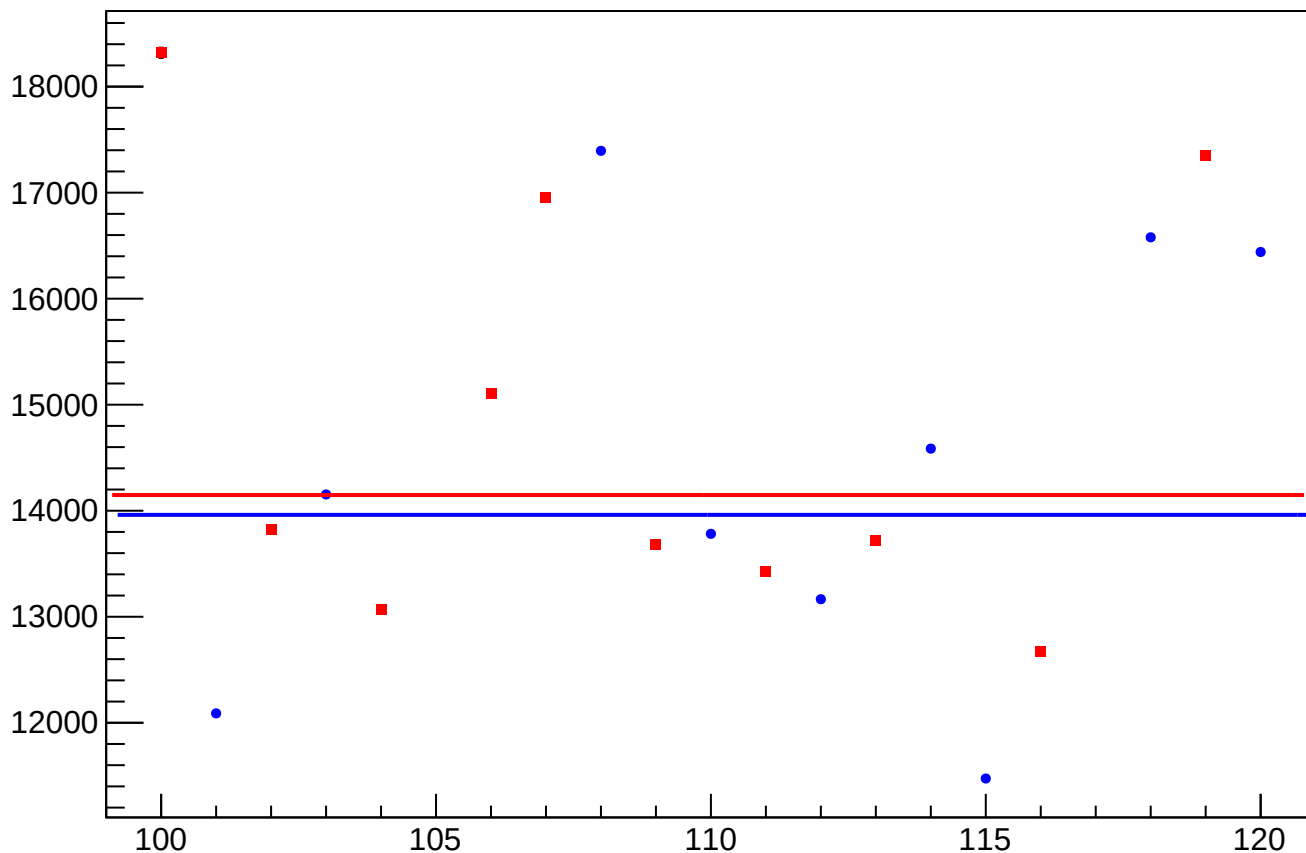
Right: 7.617 ± 5.077 χ^2/NDF : 21.1/18

In: -0.927 ± 7.348 χ^2/NDF : 10.6/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 7.617 ± 5.077 χ^2/NDF : 21.1/18

diff_bpm_4aX_4eX_avg_rms vs Slug, Sign Corrected



Right In: 13961.096+/-5.196 χ^2/NDF : 122587.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14148.094+/-4.966 χ^2/NDF : 83073.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

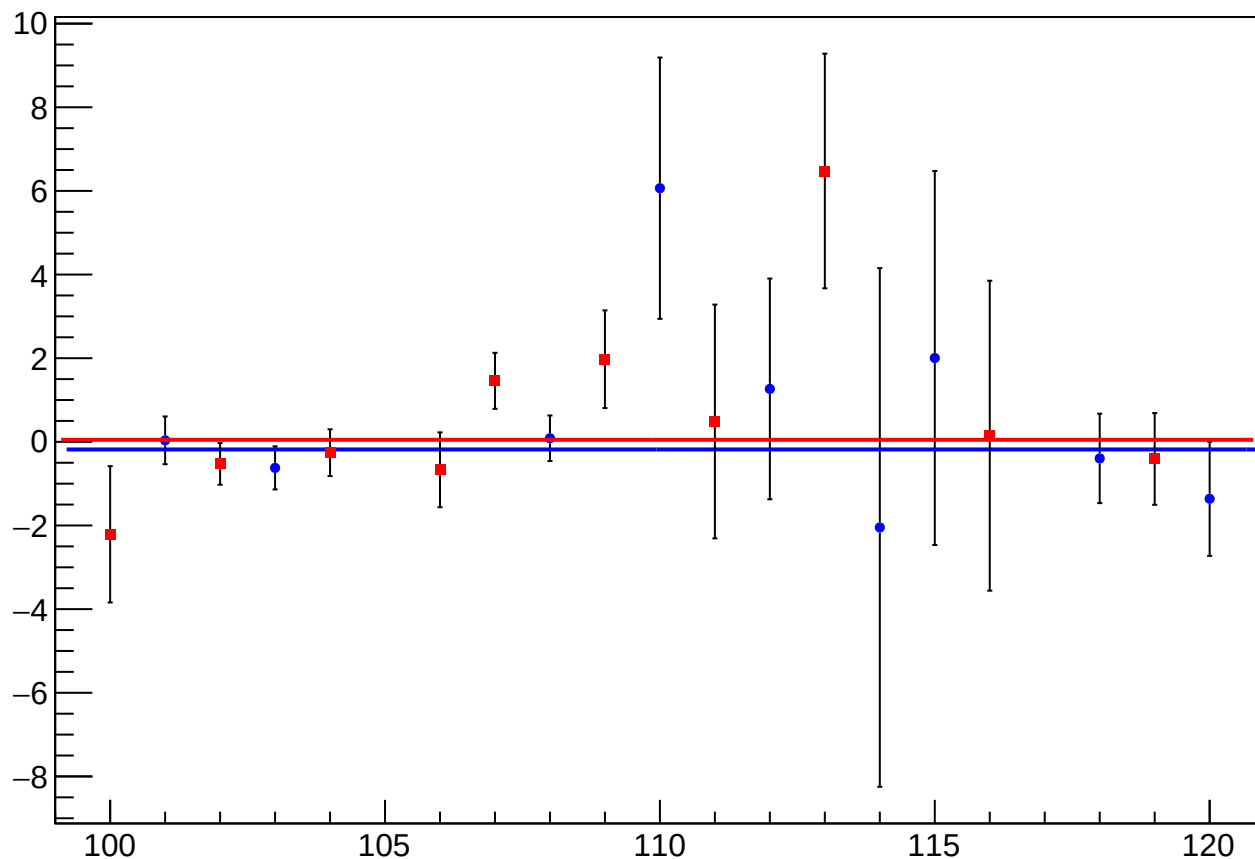
Right: 14058.816+/-3.590 χ^2/NDF : 206337.6/18

In: 13961.096+/-5.196 χ^2/NDF : 122587.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14058.816+/-3.590 χ^2/NDF : 206337.6/18

diff_bpm_4aX_4eX_dd_mean vs Slug, Sign Corrected



Right In: -0.182 ± 0.289 χ^2/NDF : 6.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.049 ± 0.278 χ^2/NDF : 16.8/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

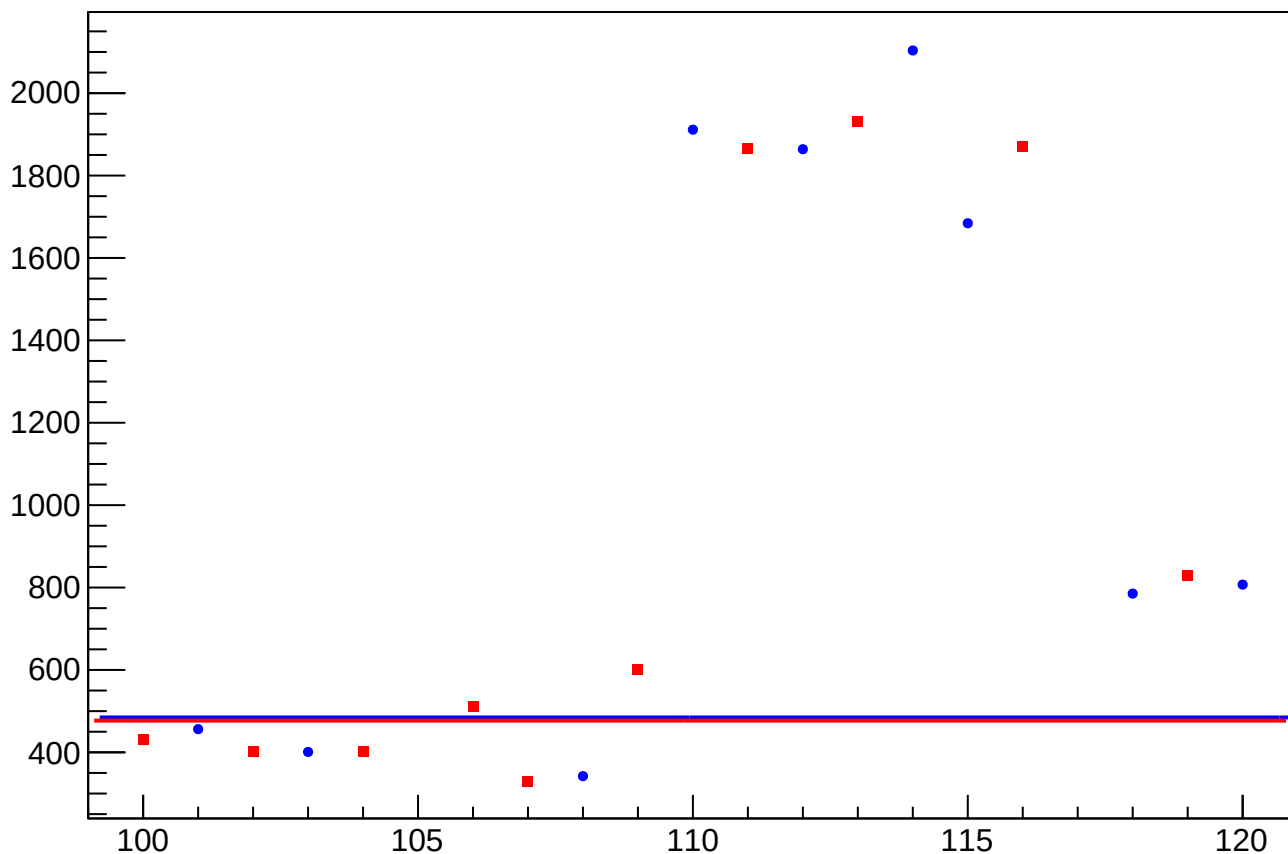
Right: -0.062 ± 0.200 χ^2/NDF : 23.7/18

In: -0.182 ± 0.289 χ^2/NDF : 6.5/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.062 ± 0.200 χ^2/NDF : 23.7/18

diff_bpm_4aX_4eX_dd_rms vs Slug, Sign Corrected



Right In: 484.670+/-0.205 χ^2/NDF : 1707753.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 477.021+/-0.196 χ^2/NDF : 1729365.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

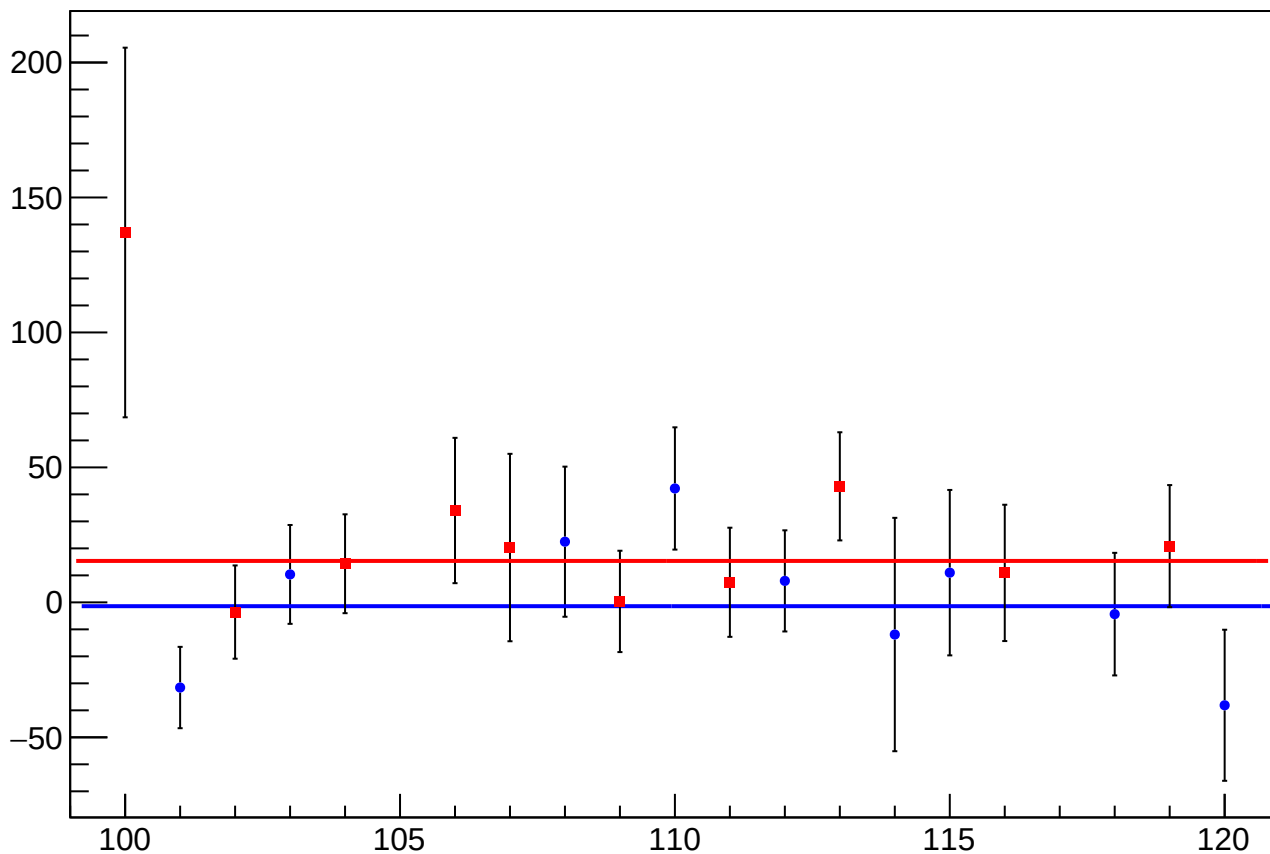
Right: 480.687+/-0.142 χ^2/NDF : 3437845.3/18

In: 484.670+/-0.205 χ^2/NDF : 1707753.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 480.687+/-0.142 χ^2/NDF : 3437845.3/18

diff_bpm_4aX_4ecX_avg_mean vs Slug, Sign Corrected



Right In: -1.416+/-7.393 χ^2/NDF : 11.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.349+/-7.061 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

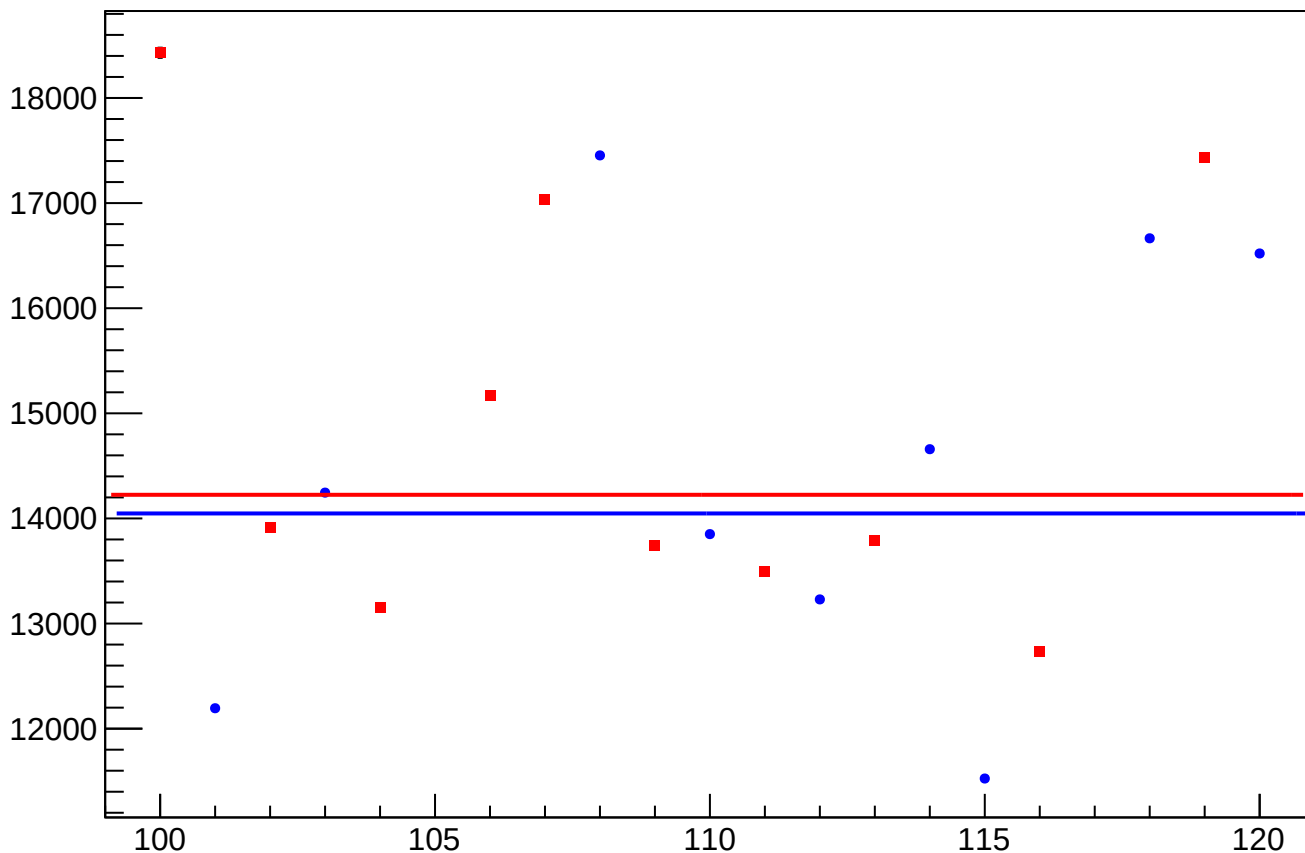
Right: 7.352+/-5.106 χ^2/NDF : 21.4/18

In: -1.416+/-7.393 χ^2/NDF : 11.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.352+/-5.106 χ^2/NDF : 21.4/18

diff_bpm_4aX_4ecX_avg_rms vs Slug, Sign Corrected



Right In: 14047.416+/-5.228 χ^2/NDF : 120599.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14224.908+/-4.993 χ^2/NDF : 82747.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

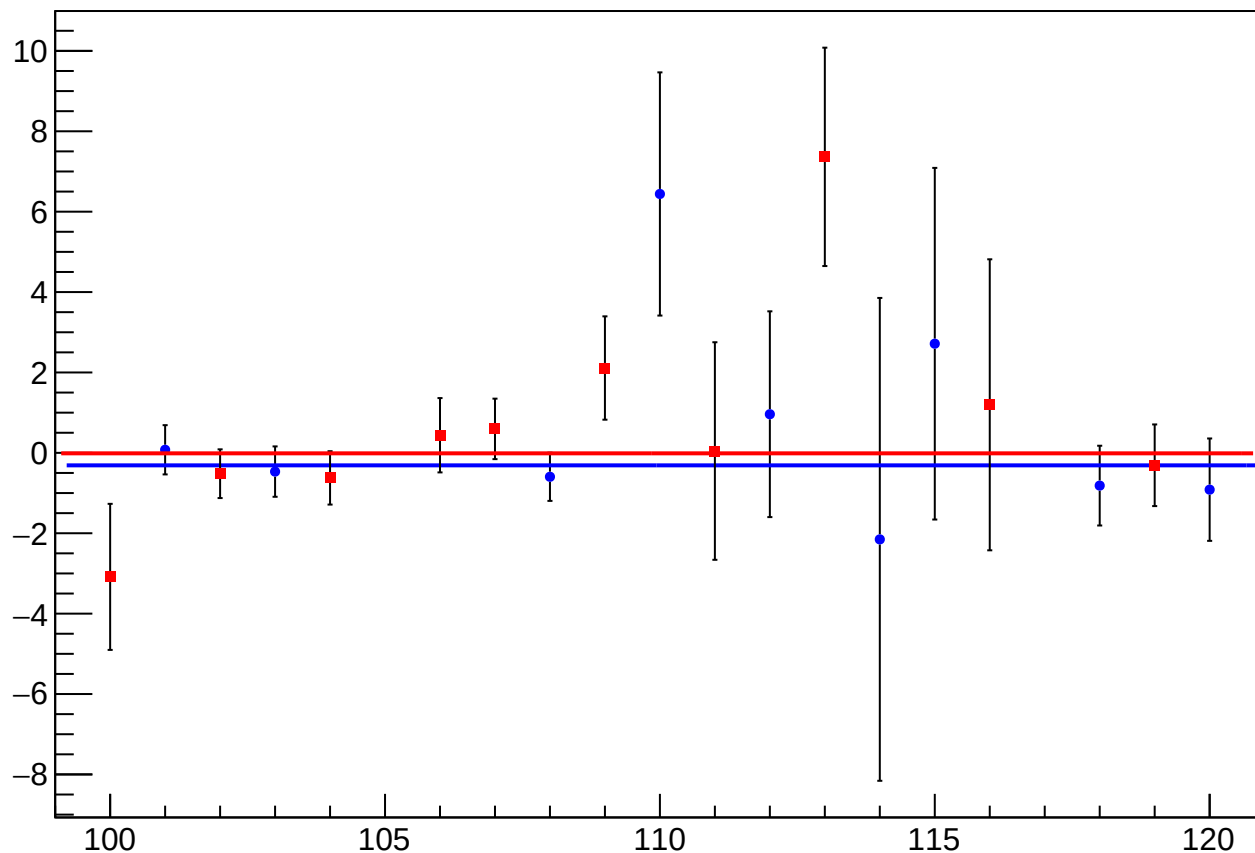
Right: 14140.237+/-3.611 χ^2/NDF : 203949.8/18

In: 14047.416+/-5.228 χ^2/NDF : 120599.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14140.237+/-3.611 χ^2/NDF : 203949.8/18

diff_bpm_4aX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: -0.311 $\pm$ 0.317 χ^2 /NDF: 7.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.012 $\pm$ 0.314 χ^2 /NDF: 15.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

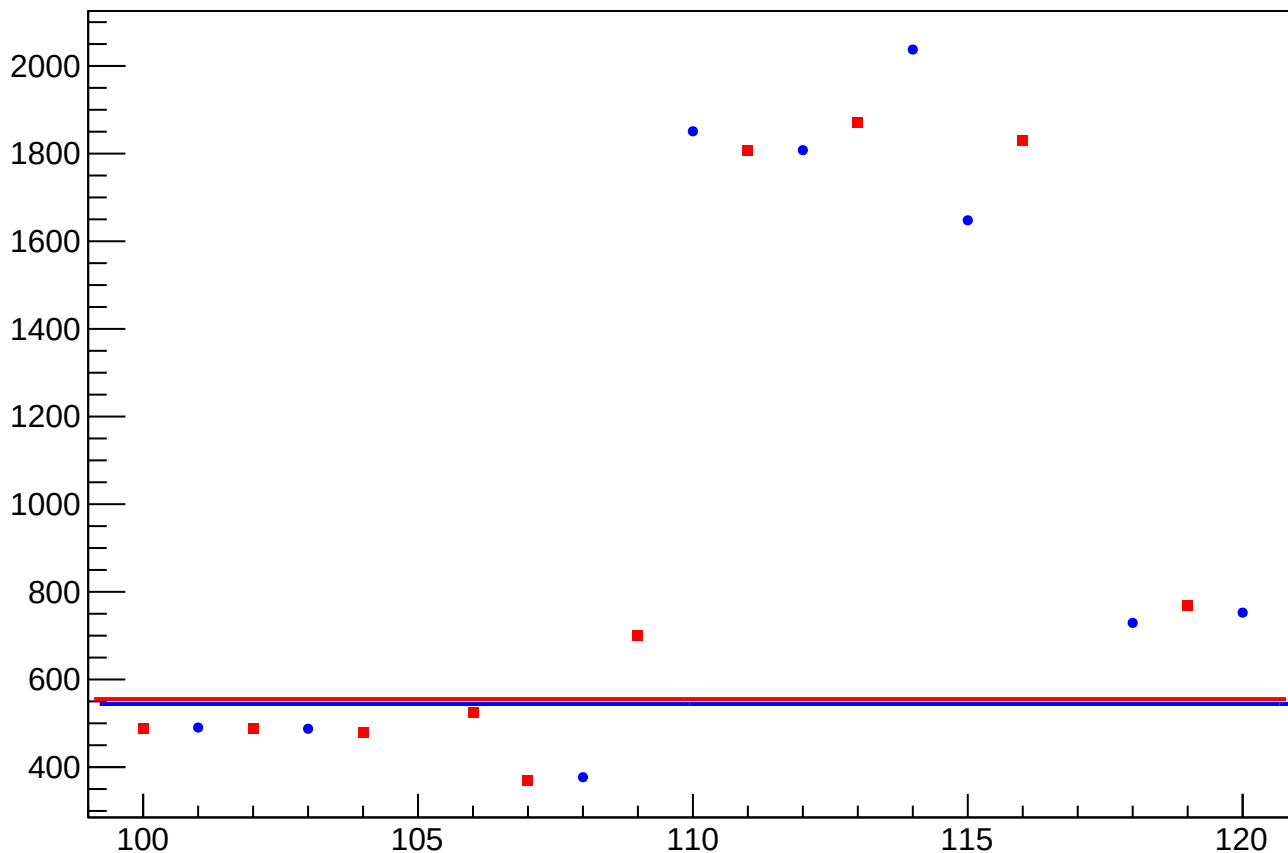
Right: -0.160 $\pm$ 0.223 χ^2 /NDF: 23.0/18

In: -0.311 $\pm$ 0.317 χ^2 /NDF:7.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.160 $\pm$ 0.223 χ^2 /NDF: 23.0/18

diff_bpm_4aX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 544.085+/-0.224 χ^2/NDF : 1421801.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 555.324+/-0.222 χ^2/NDF : 1436027.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

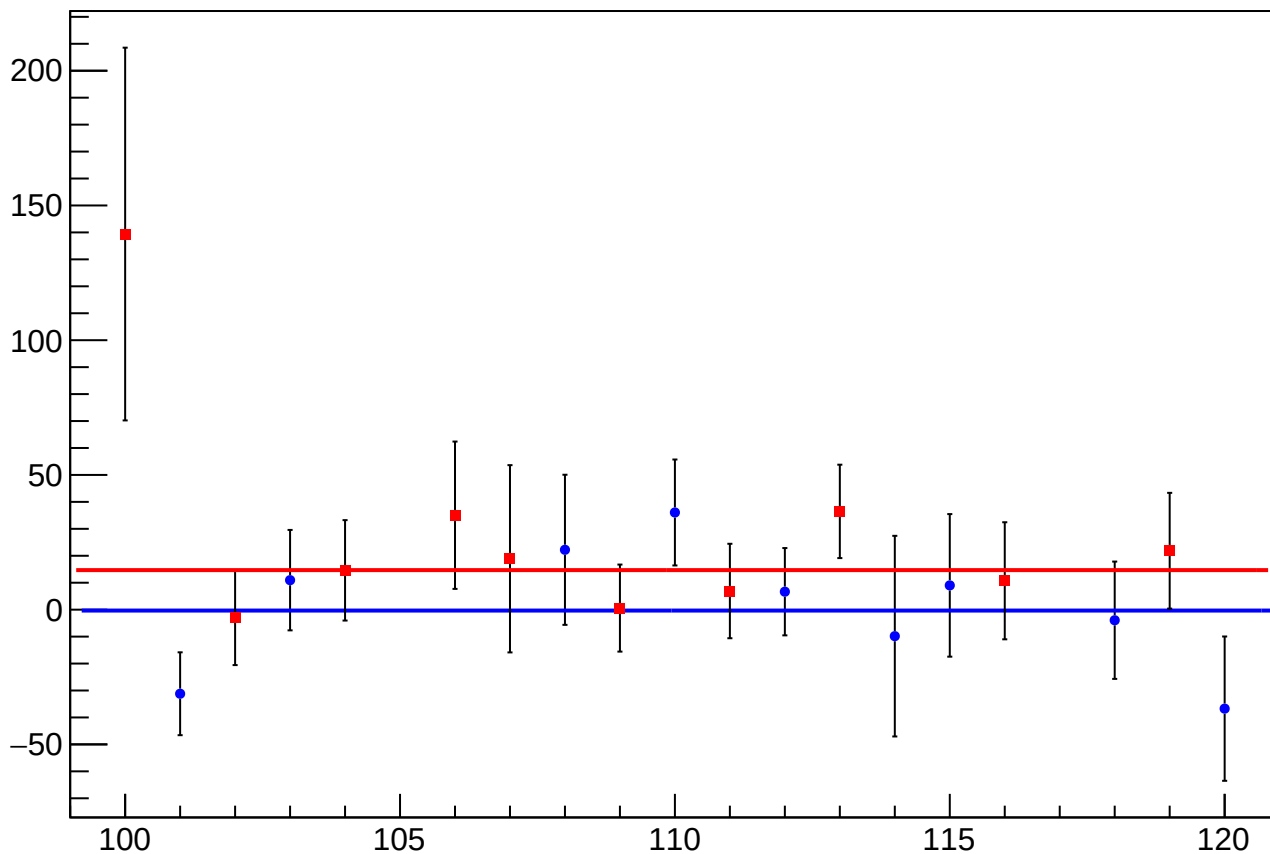
Right: 549.758+/-0.158 χ^2/NDF : 2859098.9/18

In: 544.085+/-0.224 χ^2/NDF :1421801.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 549.758+/-0.158 χ^2/NDF : 2859098.9/18

diff_bpm_4eX_4ecX_avg_mean vs Slug, Sign Corrected



Right In: -0.331 $\pm$ 6.992 χ^2/NDF : 10.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 14.677 $\pm$ 6.566 χ^2/NDF : 7.5/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

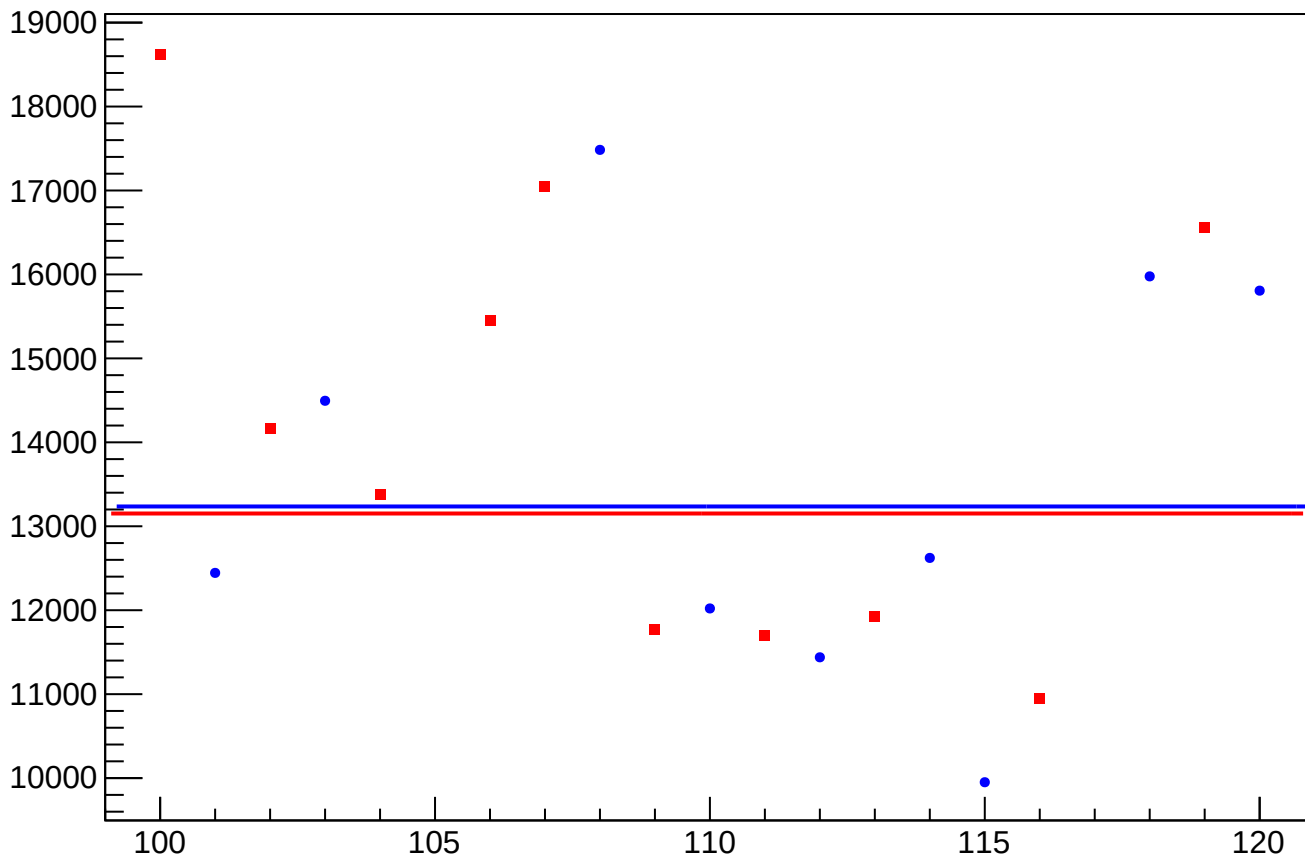
Right: 7.644 $\pm$ 4.787 χ^2/NDF : 20.7/18

In: -0.331 $\pm$ 6.992 χ^2/NDF : 10.7/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 7.644 $\pm$ 4.787 χ^2/NDF : 20.7/18

diff_bpm_4eX_4ecX_avg_rms vs Slug, Sign Corrected



Right In: 13235.861+/-4.944 χ^2/NDF : 174711.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13152.082+/-4.643 χ^2/NDF : 167874.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

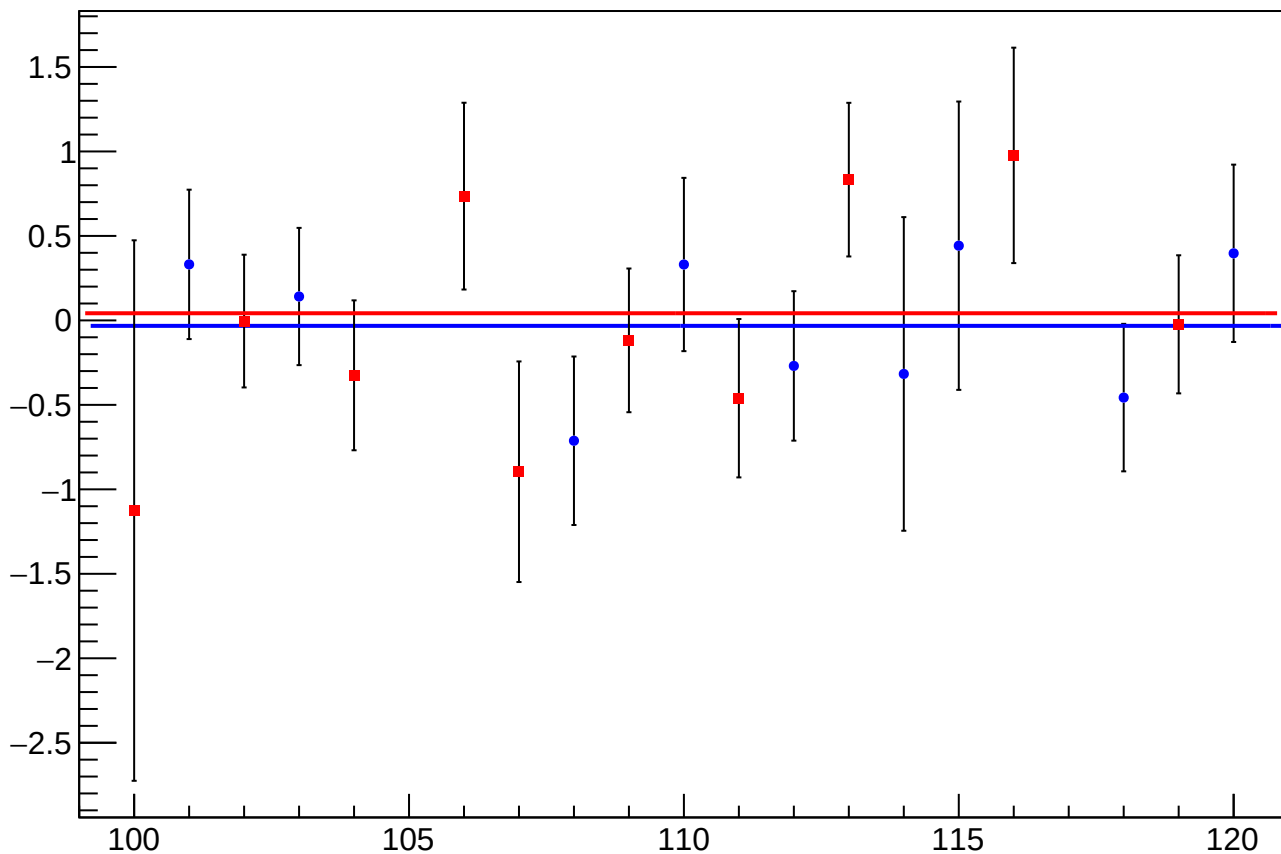
Right: 13191.340+/-3.385 χ^2/NDF : 342738.4/18

In: 13235.861+/-4.944 χ^2/NDF : 174711.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13191.340+/-3.385 χ^2/NDF : 342738.4/18

diff_bpm_4eX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: -0.032+/-0.168 χ^2/NDF : 5.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.042+/-0.156 χ^2/NDF : 11.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

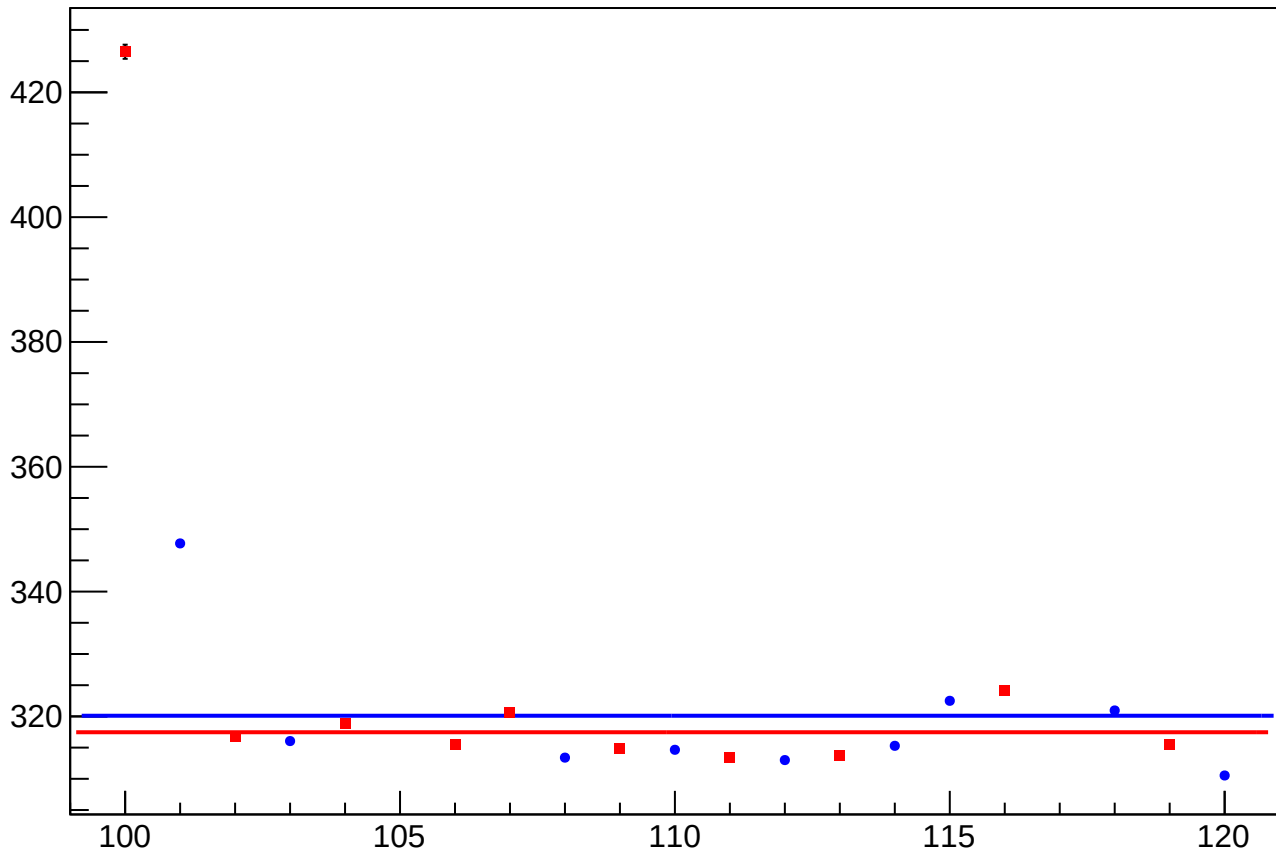
Right: 0.008+/-0.114 χ^2/NDF : 17.0/18

In: -0.032+/-0.168 χ^2/NDF :5.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.114 χ^2/NDF : 17.0/18

diff_bpm_4eX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 320.107+/-0.119 χ^2/NDF : 9847.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 317.462+/-0.111 χ^2/NDF : 10017.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

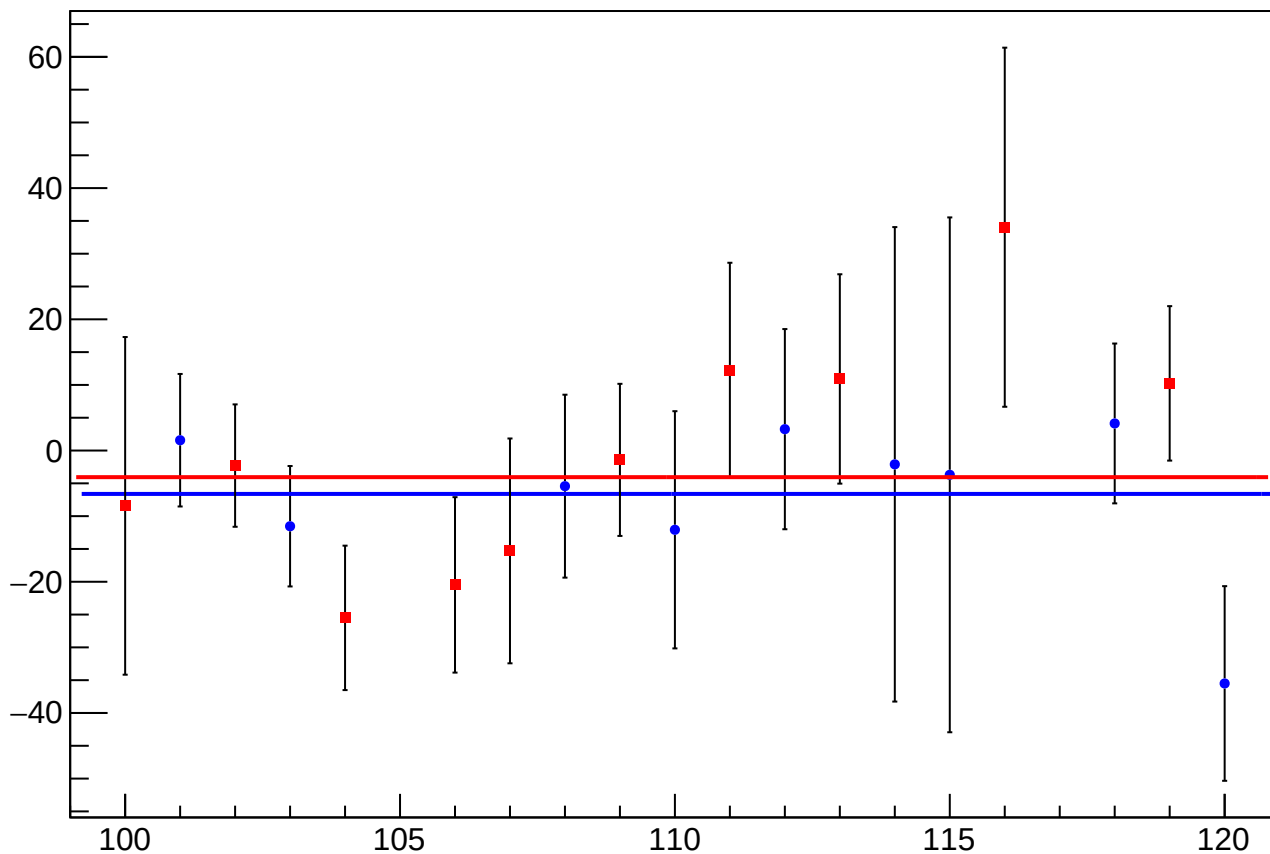
Right: 318.691+/-0.081 χ^2/NDF : 20130.4/18

In: 320.107+/-0.119 χ^2/NDF : 9847.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 318.691+/-0.081 χ^2/NDF : 20130.4/18

diff_bpm_4aY_4acY_avg_mean vs Slug, Sign Corrected



Right In: -6.613+/-4.619 χ^2/NDF : 6.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.057+/-4.306 χ^2/NDF : 11.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

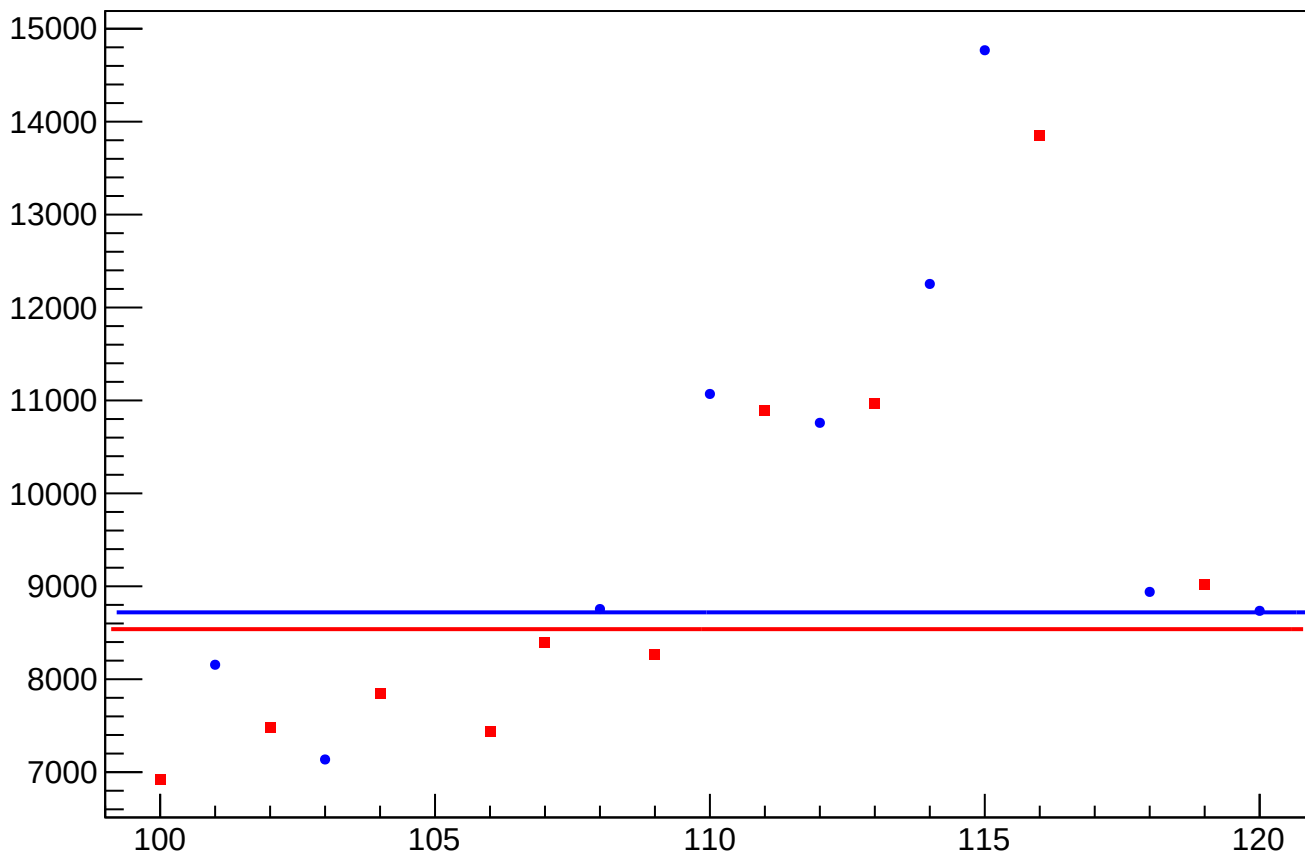
Right: -5.245+/-3.150 χ^2/NDF : 17.4/18

In: -6.613+/-4.619 χ^2/NDF : 6.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.245+/-3.150 χ^2/NDF : 17.4/18

diff_bpm_4aY_4acY_avg_rms vs Slug, Sign Corrected



Right In: 8719.698+/-3.266 χ^2/NDF : 202619.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8538.825+/-3.045 χ^2/NDF : 222750.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

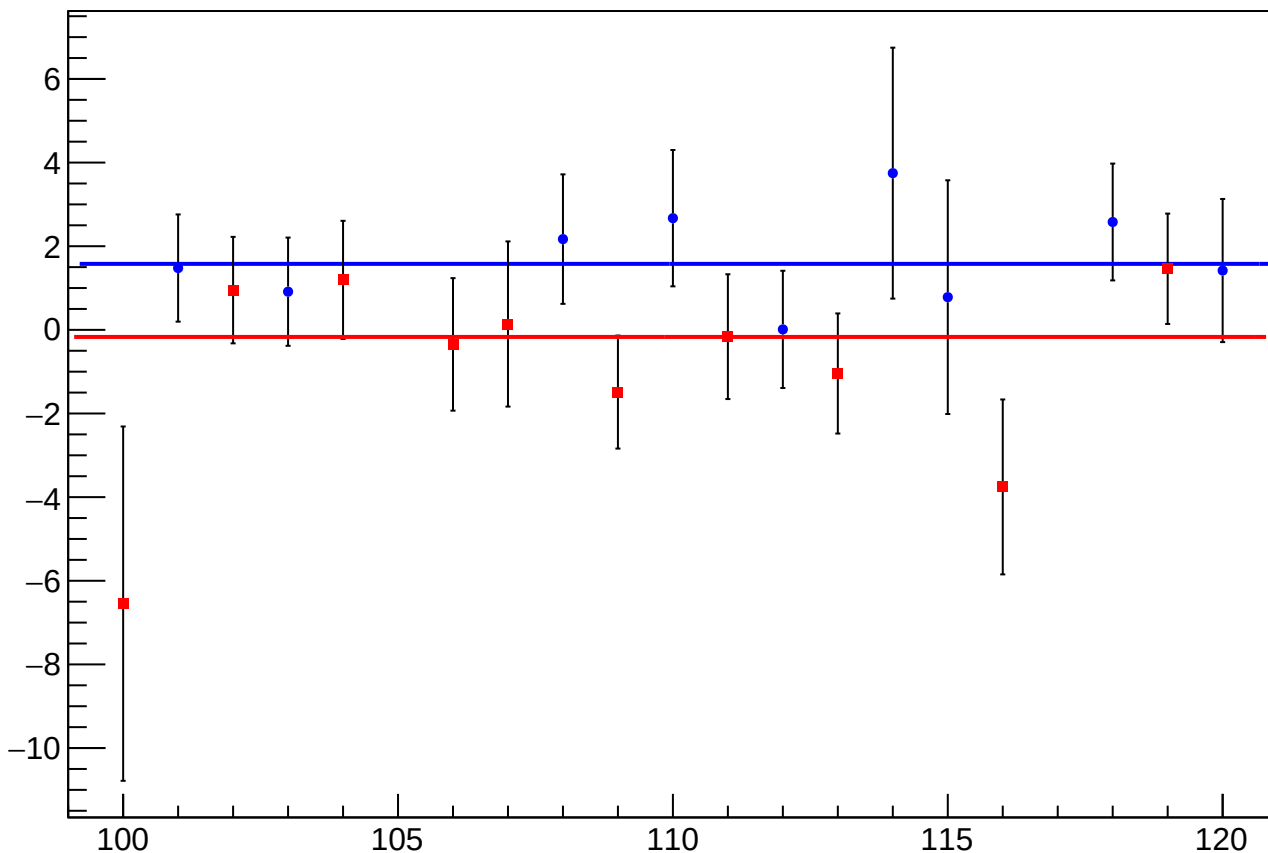
Right: 8622.940+/-2.227 χ^2/NDF : 427011.1/18

In: 8719.698+/-3.266 χ^2/NDF : 202619.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8622.940+/-2.227 χ^2/NDF : 427011.1/18

diff_bpm_4aY_4acY_dd_mean vs Slug, Sign Corrected



Right In: 1.578 $\pm$ 0.527 χ^2 /NDF: 3.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.169 $\pm$ 0.493 χ^2 /NDF: 9.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

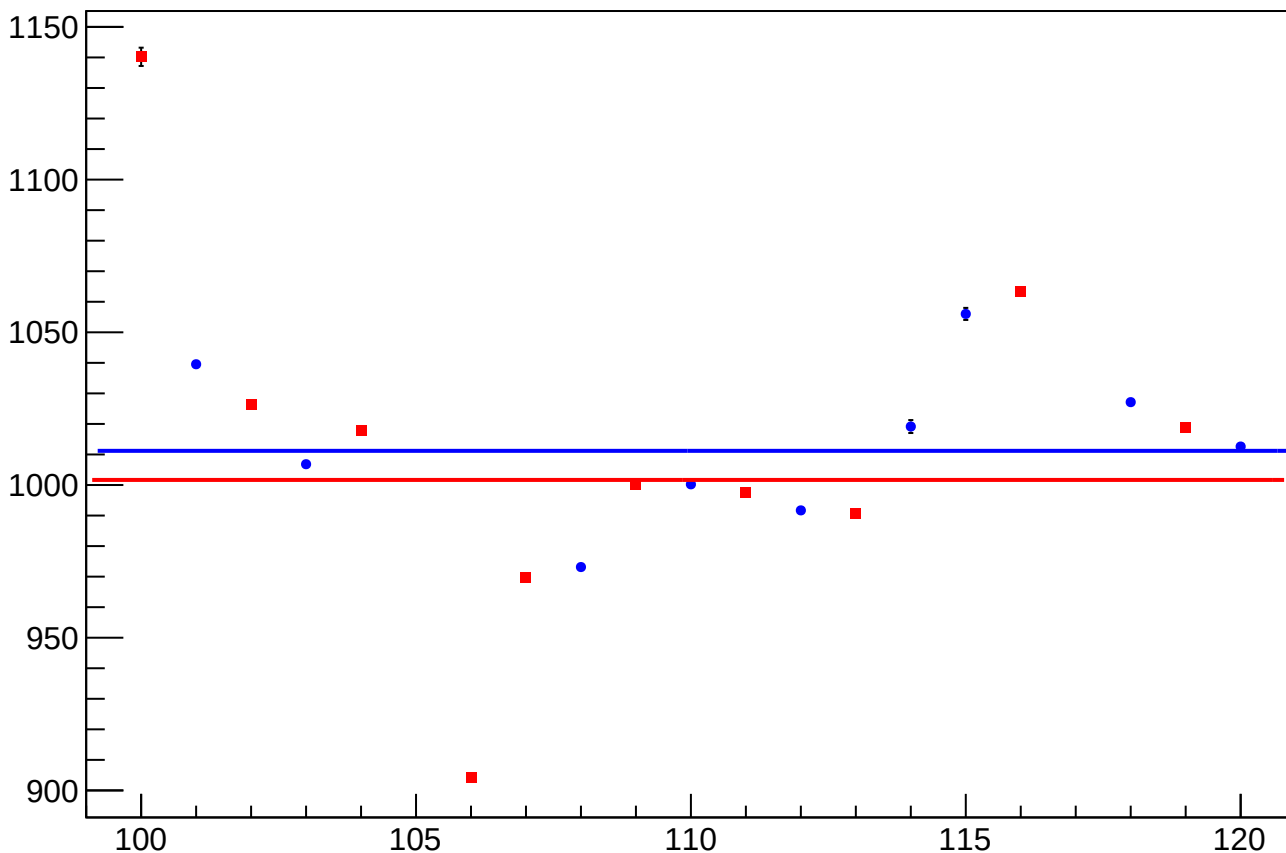
Right: 0.646 $\pm$ 0.360 χ^2 /NDF: 18.9/18

In: 1.578 $\pm$ 0.527 χ^2 /NDF:3.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.646 $\pm$ 0.360 χ^2 /NDF: 18.9/18

diff_bpm_4aY_4acY_dd_rms vs Slug, Sign Corrected



Right In: 1011.189+/-0.373 χ^2/NDF : 3477.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1001.664+/-0.349 χ^2/NDF : 13446.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

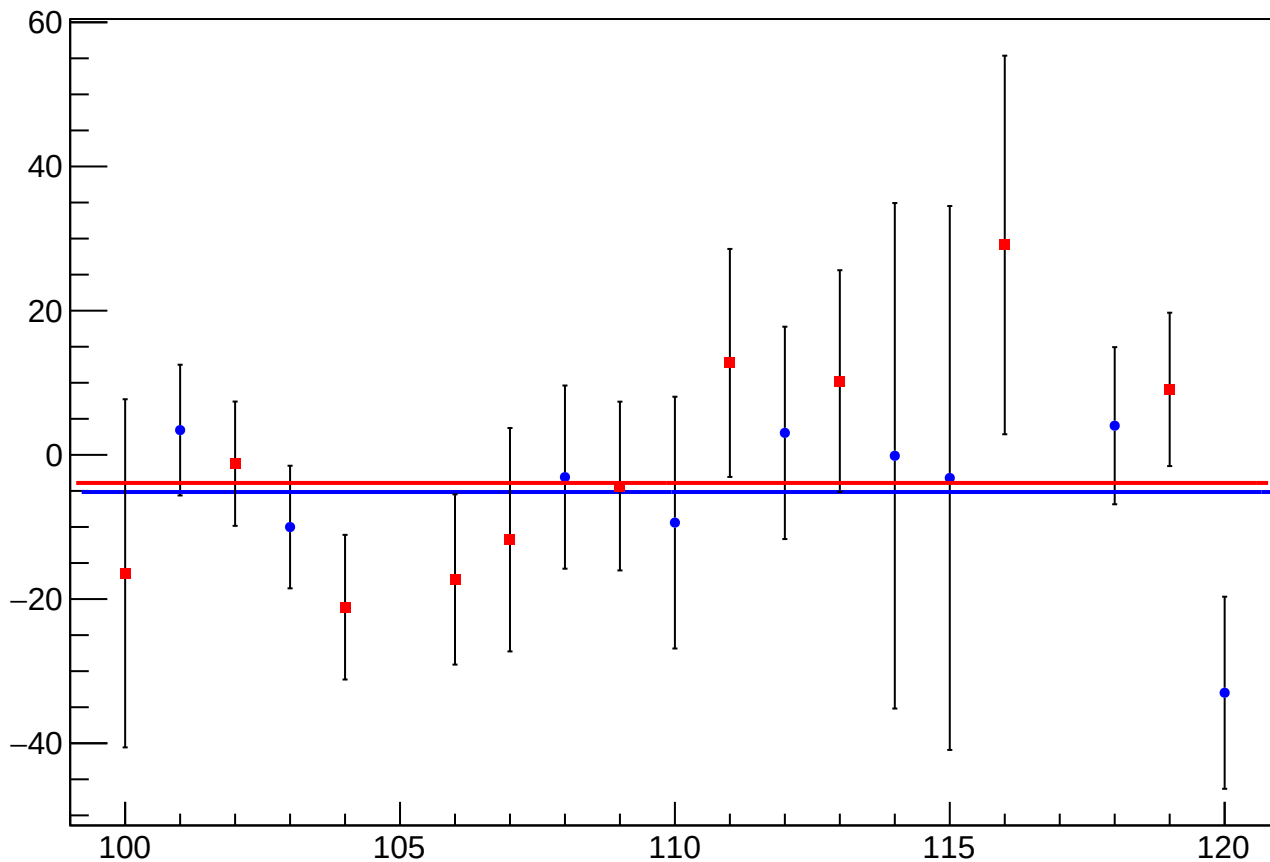
Right: 1006.111+/-0.255 χ^2/NDF : 17272.0/18

In: 1011.189+/-0.373 χ^2/NDF : 3477.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1006.111+/-0.255 χ^2/NDF : 17272.0/18

diff_bpm_4aY_4eY_avg_mean vs Slug, Sign Corrected



Right In: -5.152+/-4.239 χ^2/NDF : 6.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.893+/-4.007 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

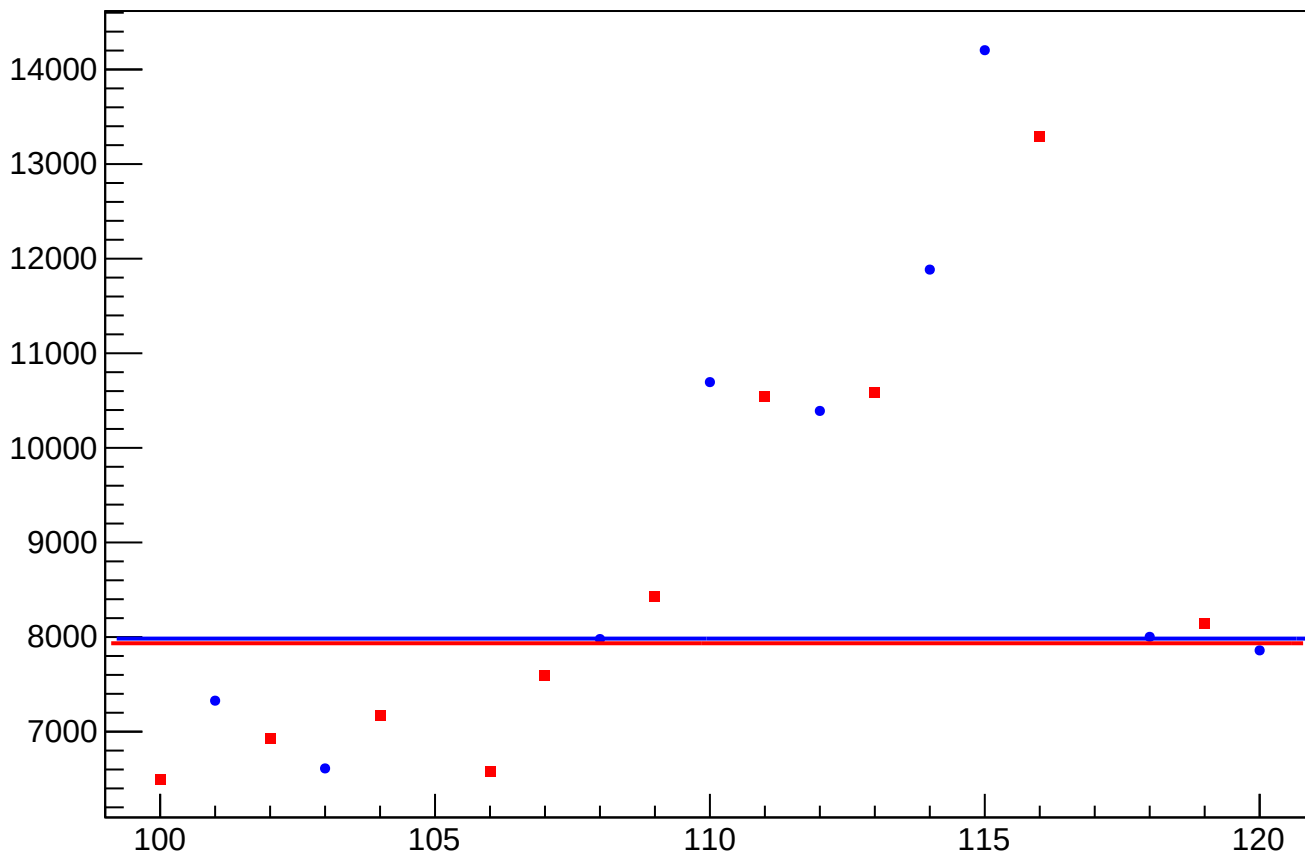
Right: -4.487+/-2.912 χ^2/NDF : 16.7/18

In: -5.152+/-4.239 χ^2/NDF : 6.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.487+/-2.912 χ^2/NDF : 16.7/18

diff_bpm_4aY_4eY_avg_rms vs Slug, Sign Corrected



Right In: 7983.790+/-2.997 χ^2/NDF : 243555.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7934.473+/-2.834 χ^2/NDF : 275006.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

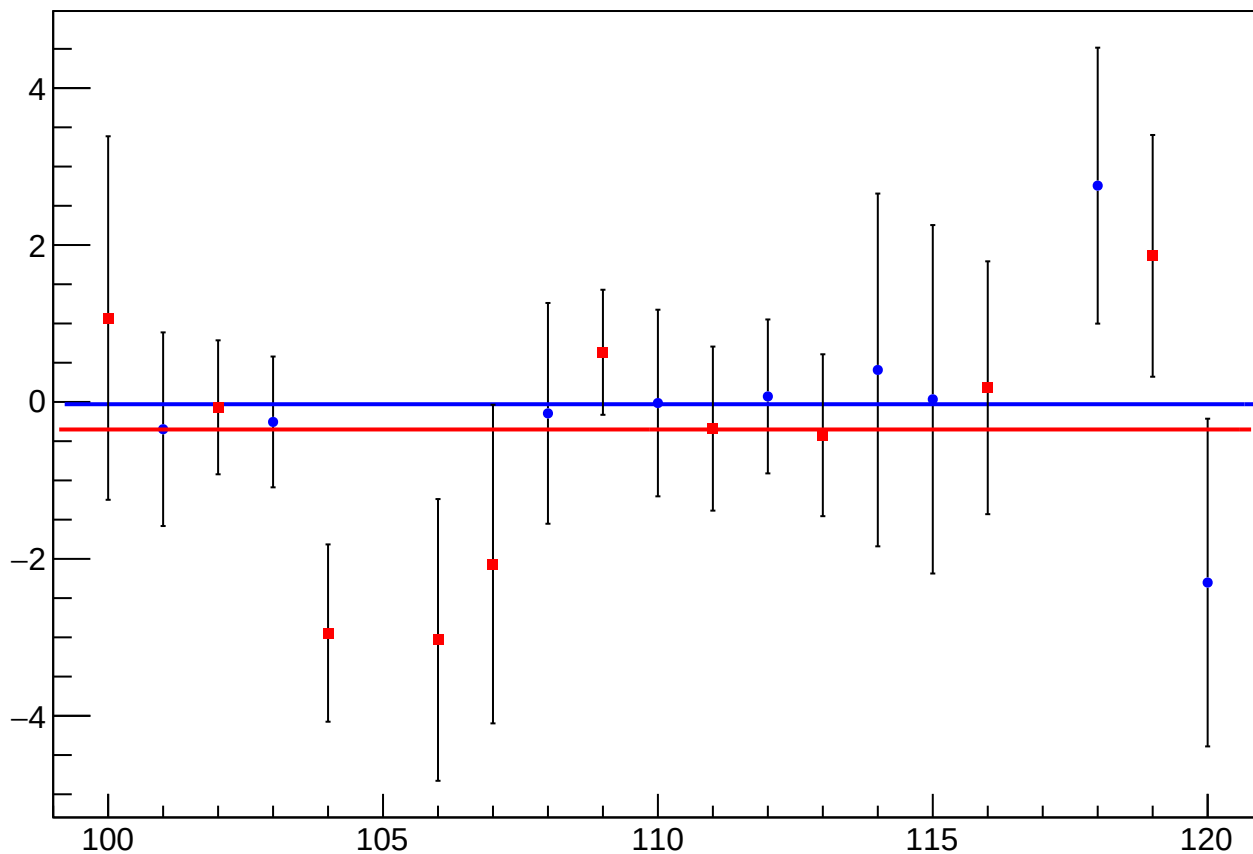
Right: 7957.749+/-2.059 χ^2/NDF : 518705.6/18

In: 7983.790+/-2.997 χ^2/NDF : 243555.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7957.749+/-2.059 χ^2/NDF : 518705.6/18

diff_bpm_4aY_4eY_dd_mean vs Slug, Sign Corrected



Right In: -0.029 ± 0.434 $\chi^2/\text{NDF}: 3.9/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.351 ± 0.374 $\chi^2/\text{NDF}: 12.4/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

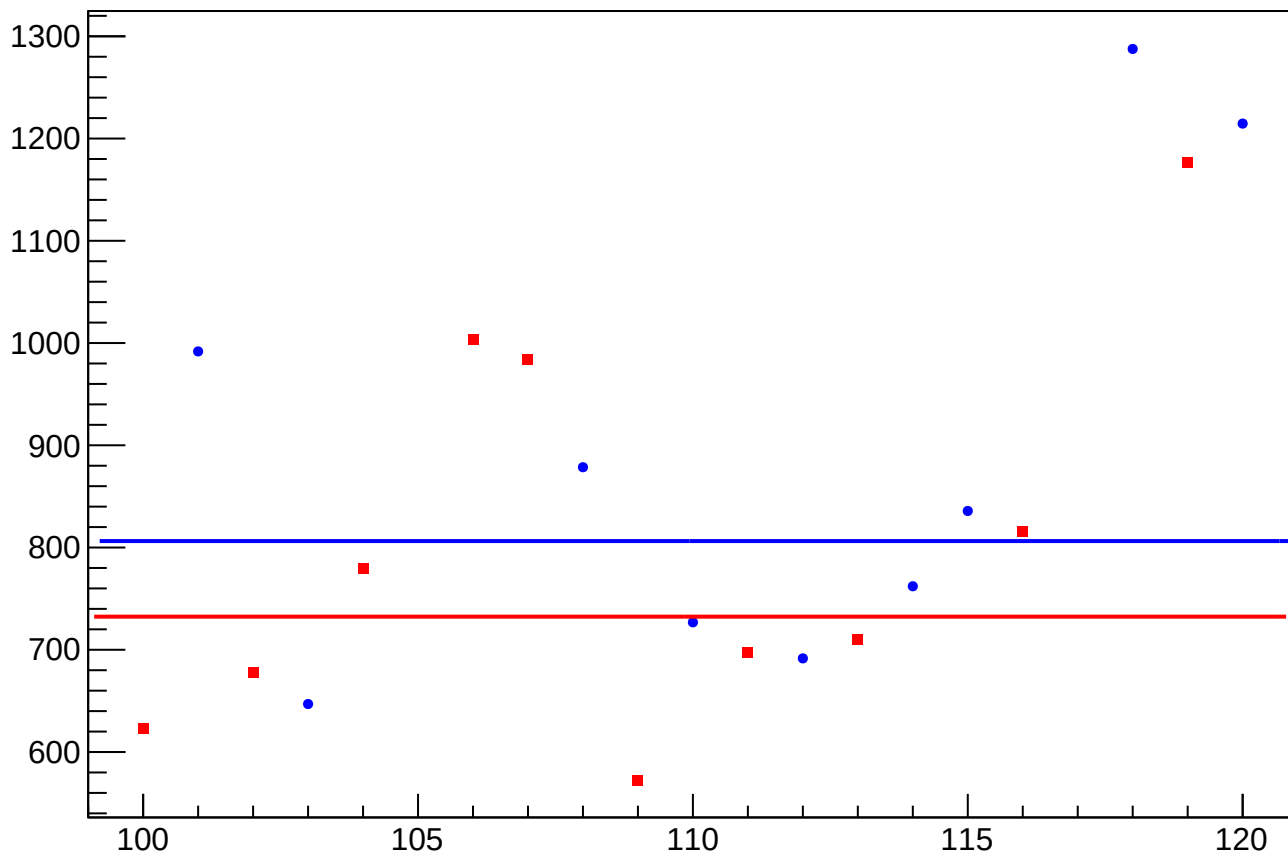
Right: -0.214 ± 0.284 $\chi^2/\text{NDF}: 16.6/18$

In: -0.029 ± 0.434 $\chi^2/\text{NDF}: 3.9/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.214 ± 0.284 $\chi^2/\text{NDF}: 16.6/18$

diff_bpm_4aY_4eY_dd_rms vs Slug, Sign Corrected



Right In: 806.313+/-0.307 χ^2/NDF : 387308.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 732.388+/-0.265 χ^2/NDF : 347479.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

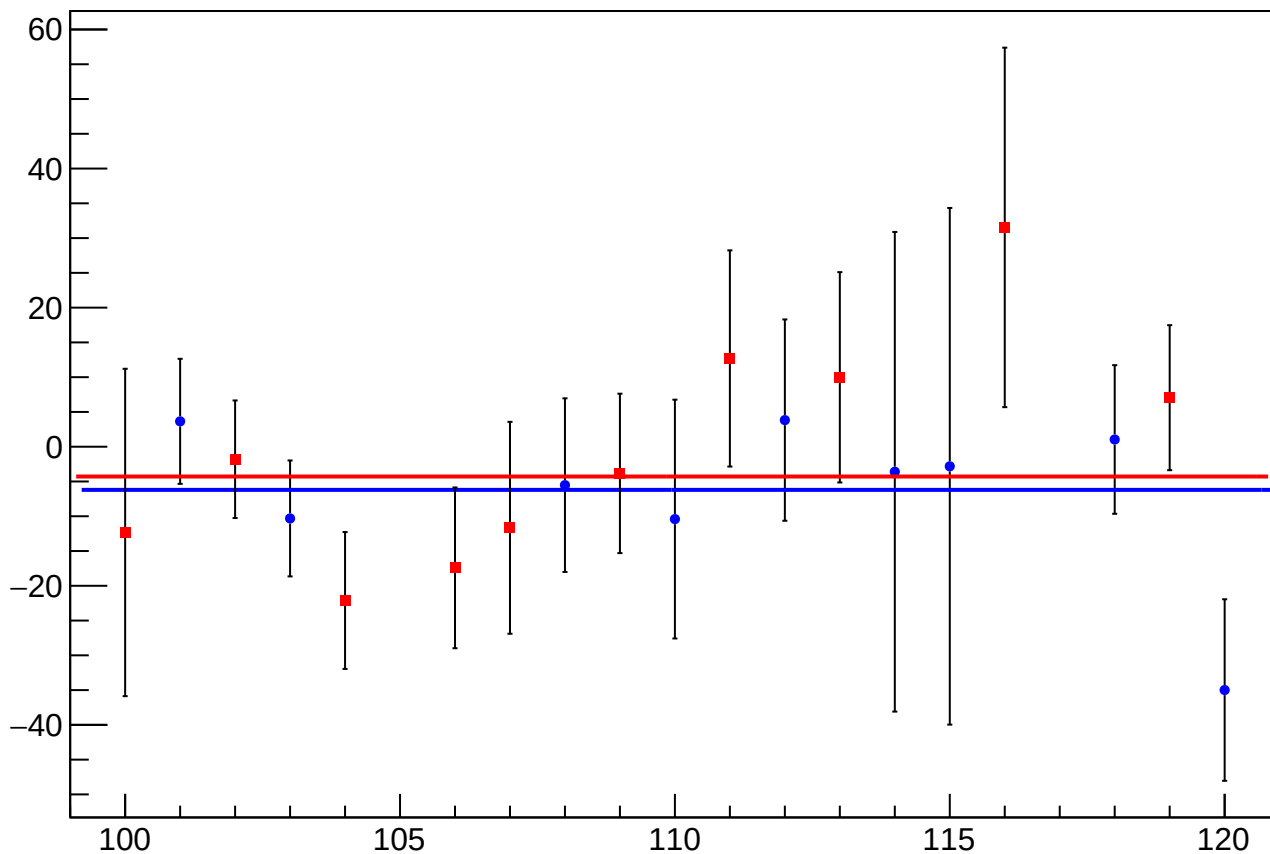
Right: 763.913+/-0.201 χ^2/NDF : 768023.1/18

In: 806.313+/-0.307 χ^2/NDF : 387308.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 763.913+/-0.201 χ^2/NDF : 768023.1/18

diff_bpm_4aY_4ecY_avg_mean vs Slug, Sign Corrected



Right In: -6.205+/-4.169 χ^2/NDF : 7.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.285+/-3.930 χ^2/NDF : 10.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

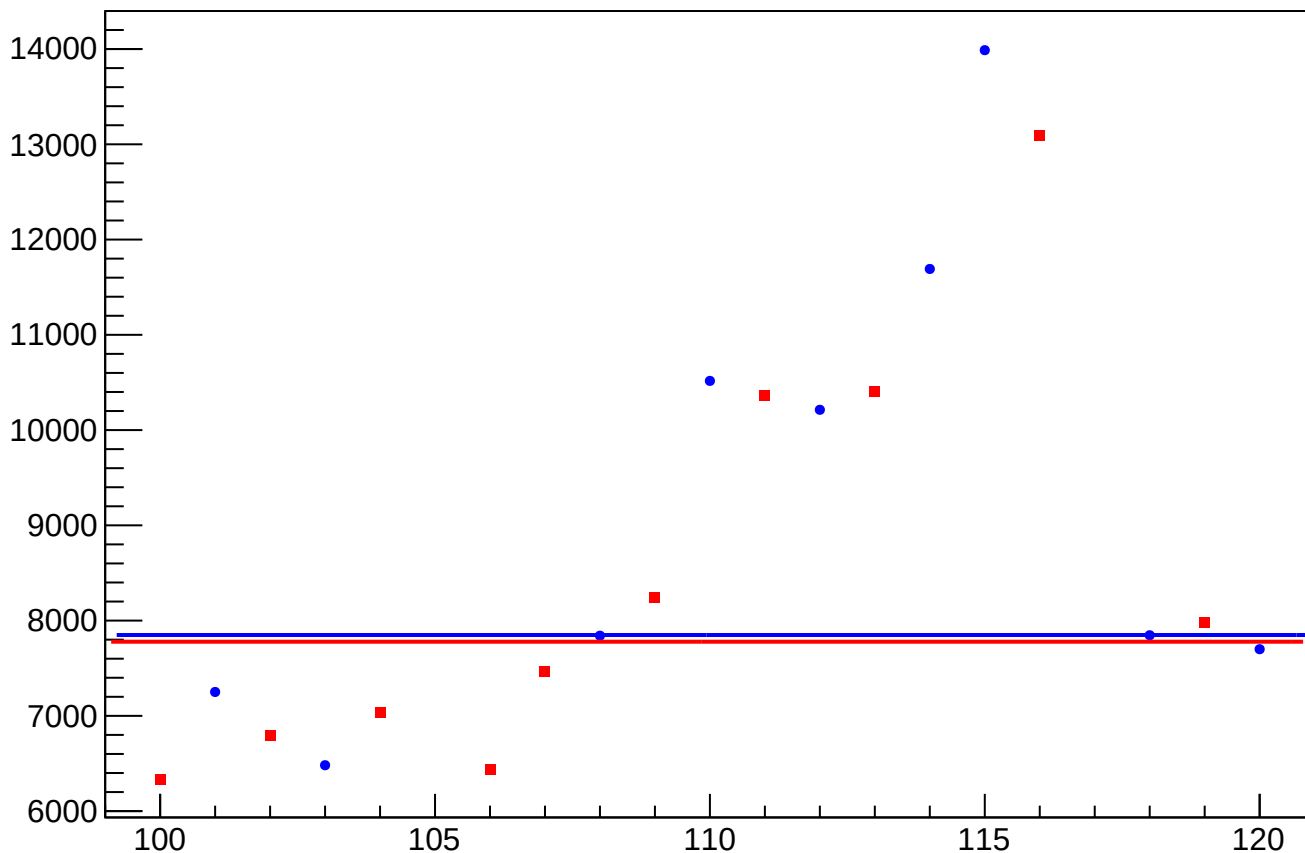
Right: -5.189+/-2.860 χ^2/NDF : 17.6/18

In: -6.205+/-4.169 χ^2/NDF : 7.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.189+/-2.860 χ^2/NDF : 17.6/18

diff_bpm_4aY_4ecY_avg_rms vs Slug, Sign Corrected



Right In: 7848.676+/-2.948 χ^2/NDF : 243982.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7778.432+/-2.779 χ^2/NDF : 278292.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

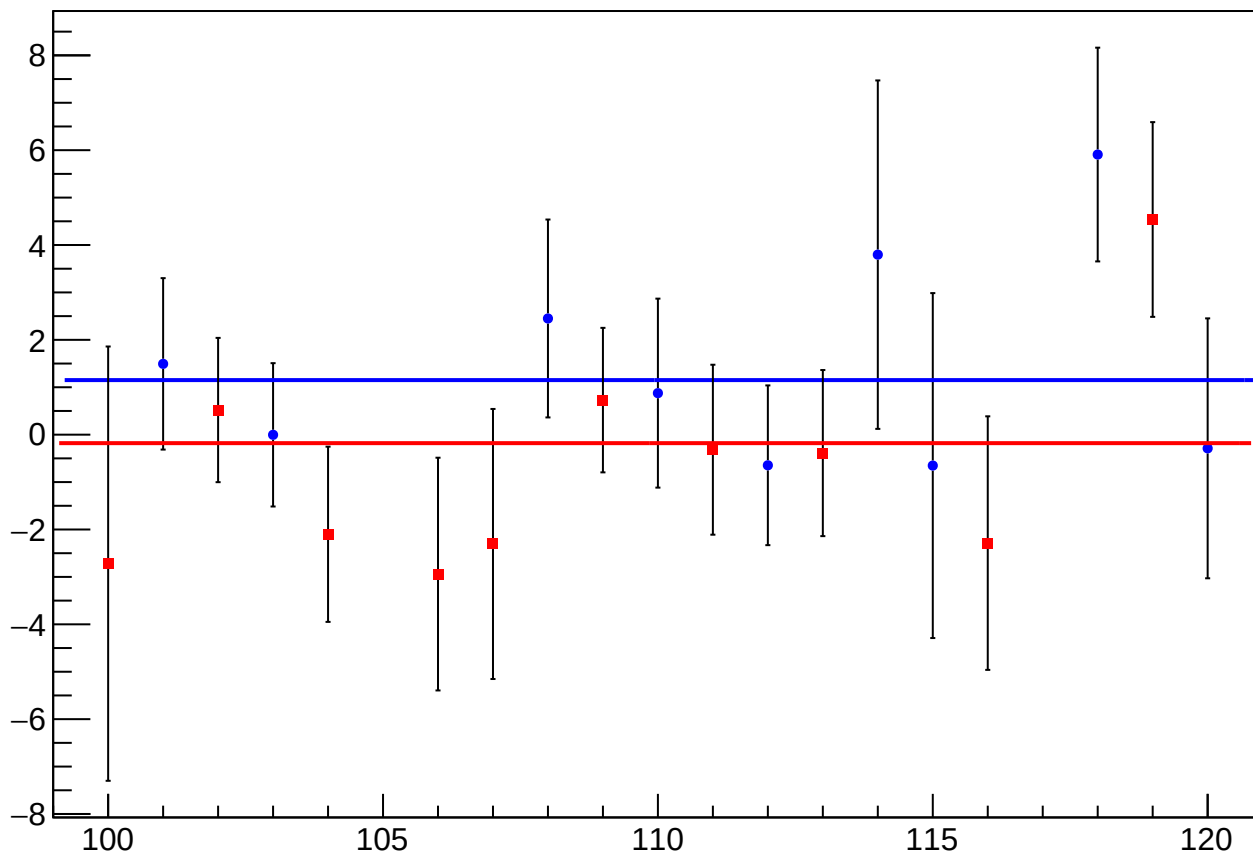
Right: 7811.488+/-2.022 χ^2/NDF : 522576.1/18

In: 7848.676+/-2.948 χ^2/NDF : 243982.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7811.488+/-2.022 χ^2/NDF : 522576.1/18

diff_bpm_4aY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 1.151+/-0.697 χ^2/NDF : 7.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.179+/-0.632 χ^2/NDF : 9.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

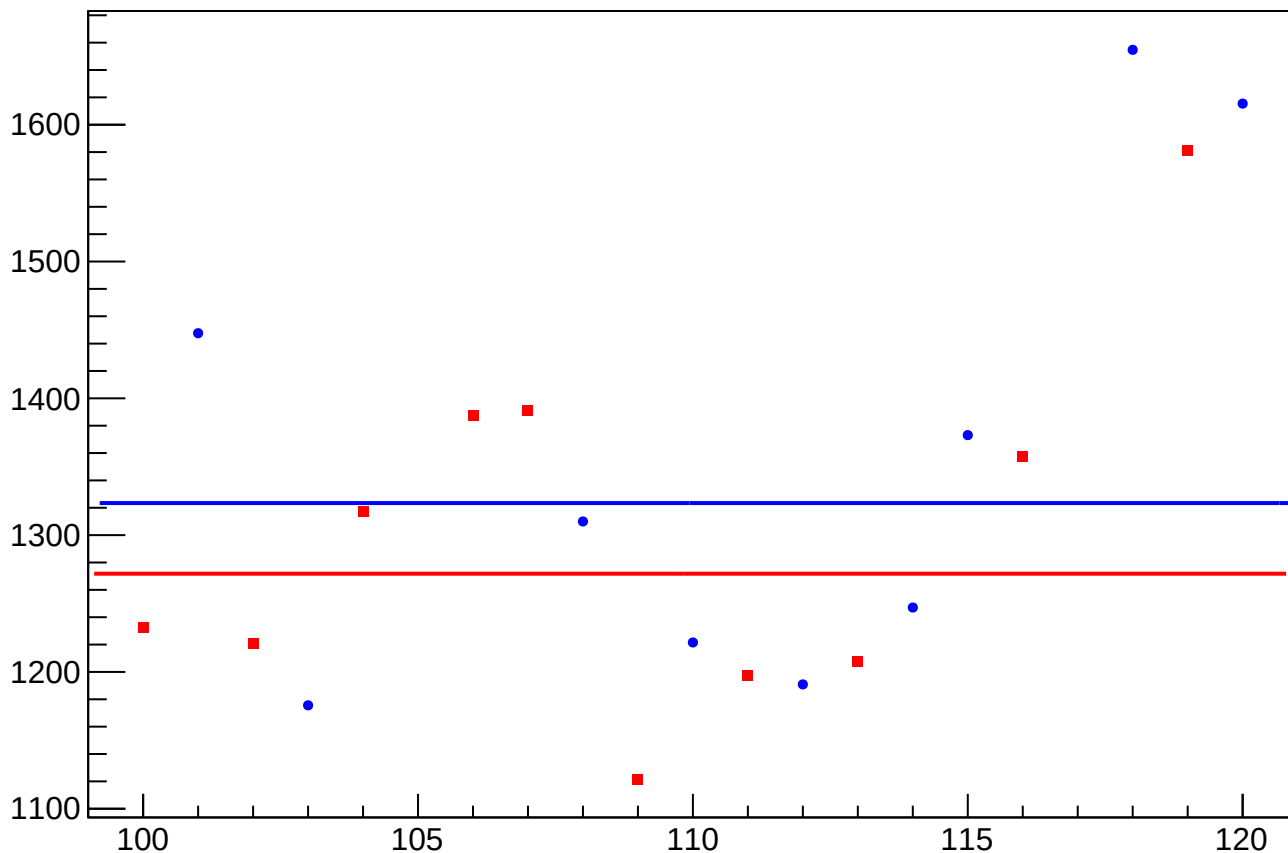
Right: 0.421+/-0.468 χ^2/NDF : 19.4/18

In: 1.151+/-0.697 χ^2/NDF : 7.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.421+/-0.468 χ^2/NDF : 19.4/18

diff_bpm_4aY_4ecY_dd_rms vs Slug, Sign Corrected



Right In: 1323.440+/-0.493 χ^2/NDF : 113402.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1271.805+/-0.447 χ^2/NDF : 84656.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

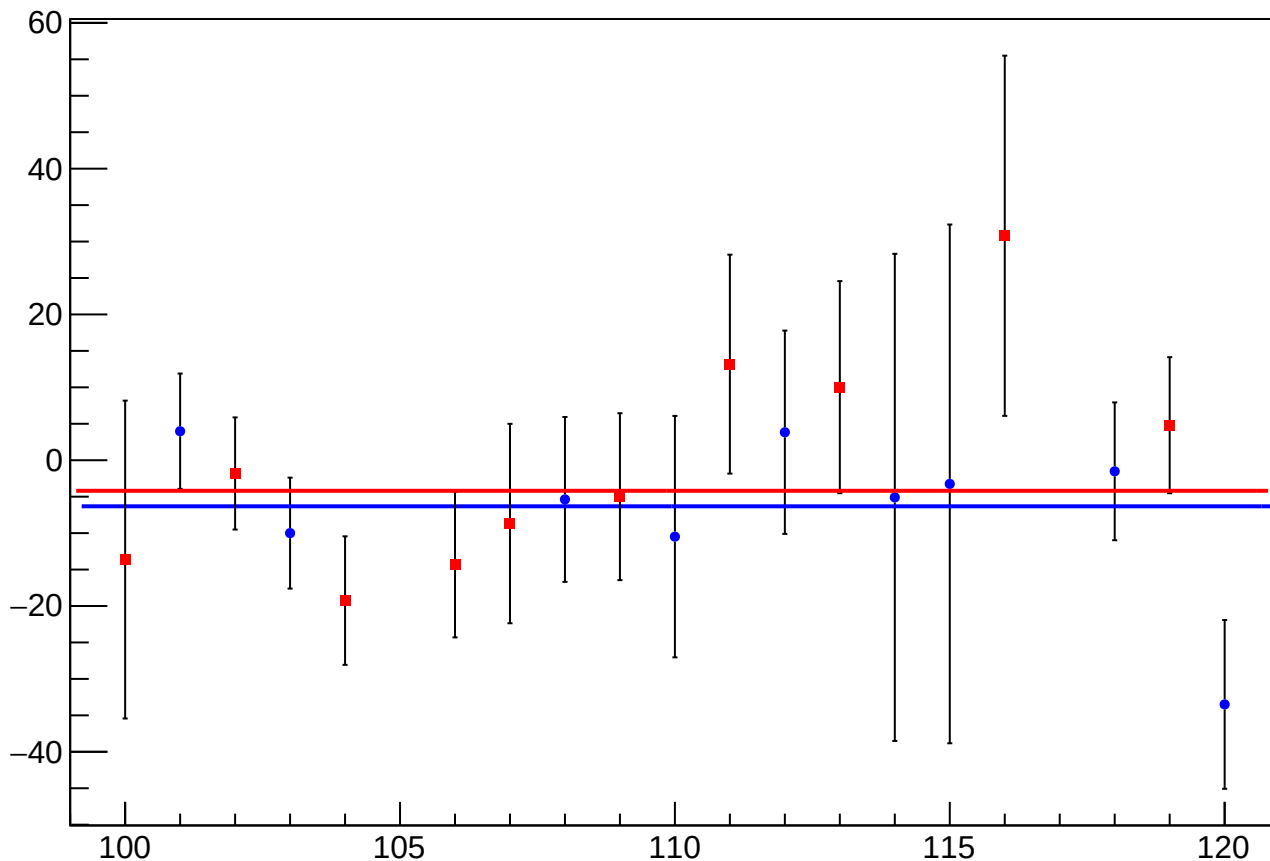
Right: 1295.079+/-0.331 χ^2/NDF : 204084.5/18

In: 1323.440+/-0.493 χ^2/NDF : 113402.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1295.079+/-0.331 χ^2/NDF : 204084.5/18

diff_bpm_4eY_4ecY_avg_mean vs Slug, Sign Corrected



Right In: -6.323+/-3.775 χ^2/NDF : 8.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.194+/-3.601 χ^2/NDF : 9.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

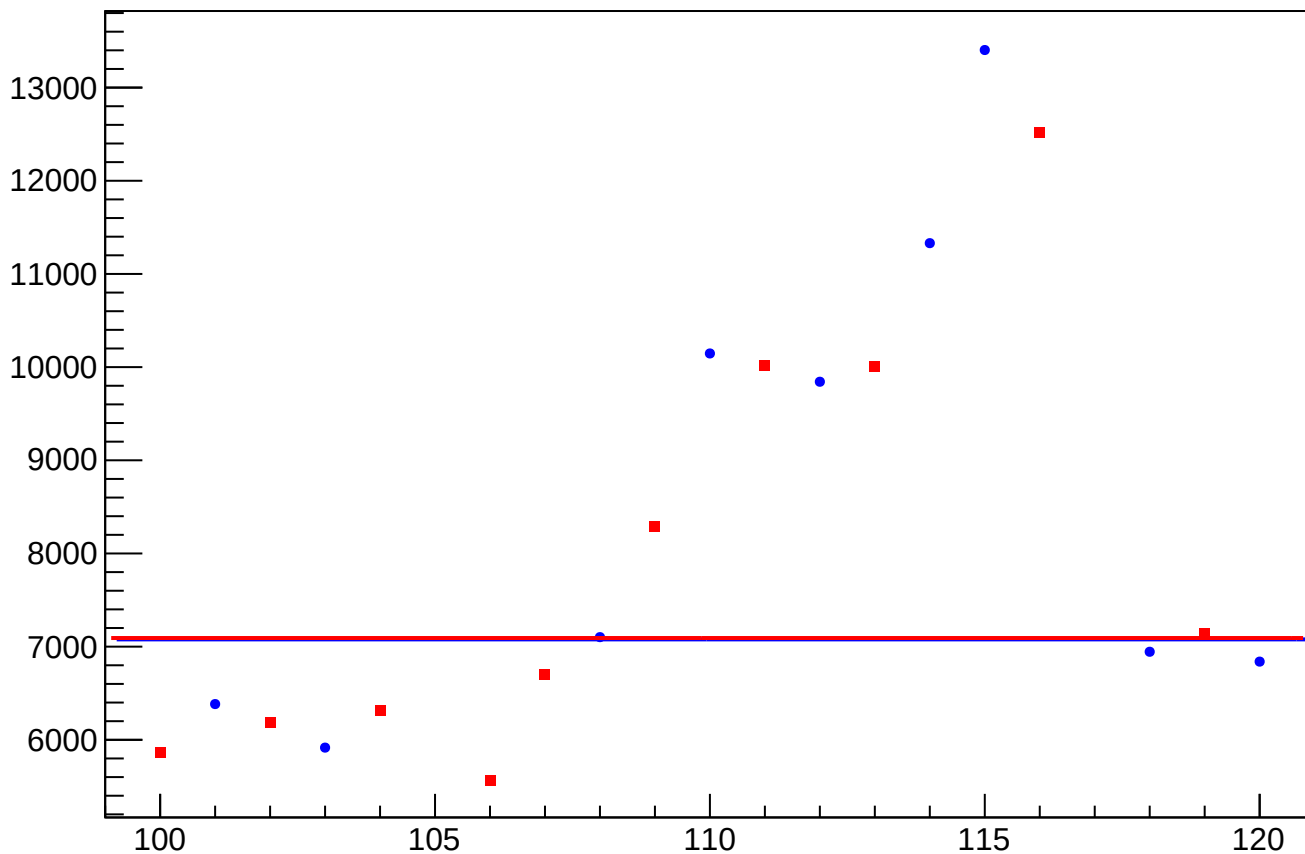
Right: -5.208+/-2.606 χ^2/NDF : 18.0/18

In: -6.323+/-3.775 χ^2/NDF : 8.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.208+/-2.606 χ^2/NDF : 18.0/18

diff_bpm_4eY_4ecY_avg_rms vs Slug, Sign Corrected



Right In: 7077.899+/-2.669 χ^2/NDF : 306149.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 7092.574+/-2.546 χ^2/NDF : 372256.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

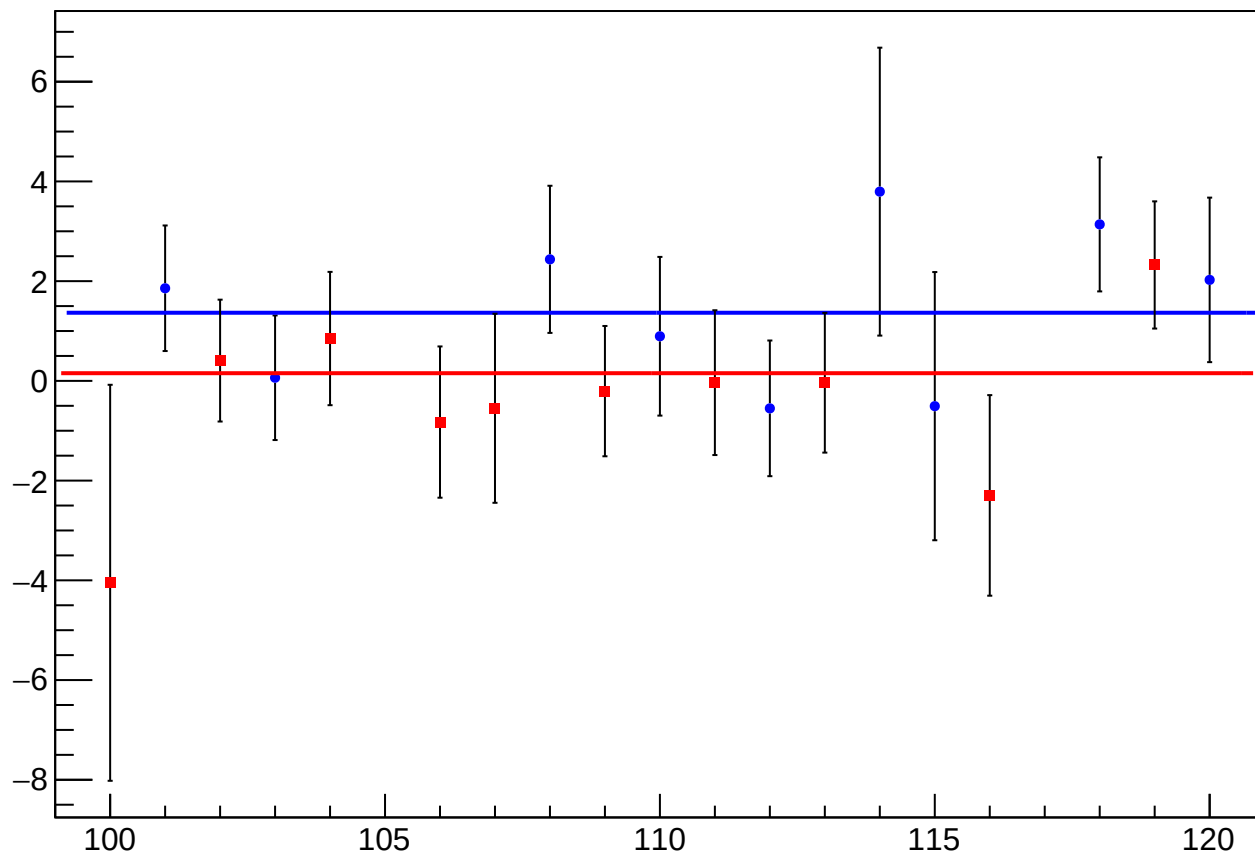
Right: 7085.583+/-1.842 χ^2/NDF : 678422.3/18

In: 7077.899+/-2.669 χ^2/NDF :306149.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7085.583+/-1.842 χ^2/NDF : 678422.3/18

diff_bpm_4eY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 1.366+/-0.510 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.154+/-0.475 χ^2/NDF : 6.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

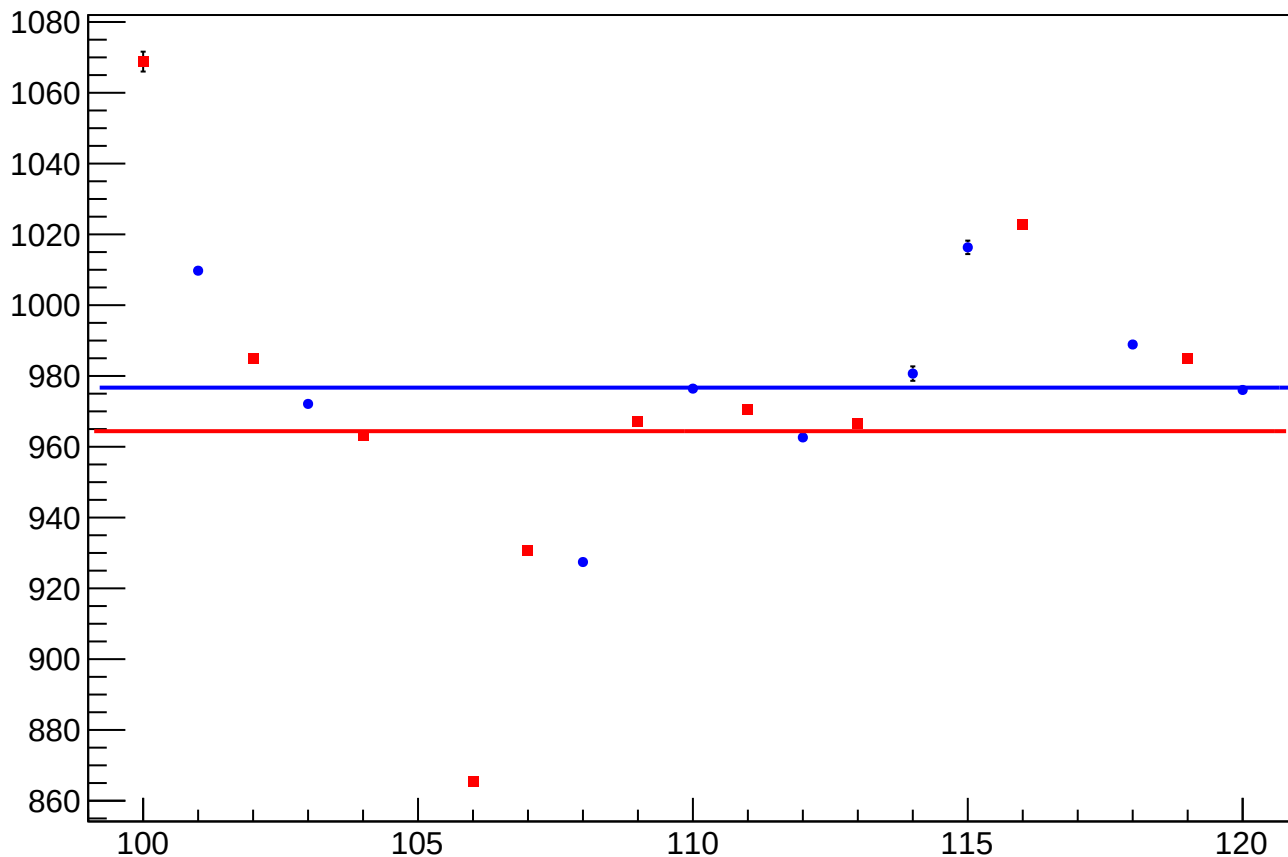
Right: 0.717+/-0.347 χ^2/NDF : 16.4/18

In: 1.366+/-0.510 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.717+/-0.347 χ^2/NDF : 16.4/18

diff_bpm_4eY_4ecY_dd_rms vs Slug, Sign Corrected



Right In: 976.707 $\pm$ 0.361 χ^2 /NDF: 4450.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 964.405 $\pm$ 0.336 χ^2 /NDF: 13327.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

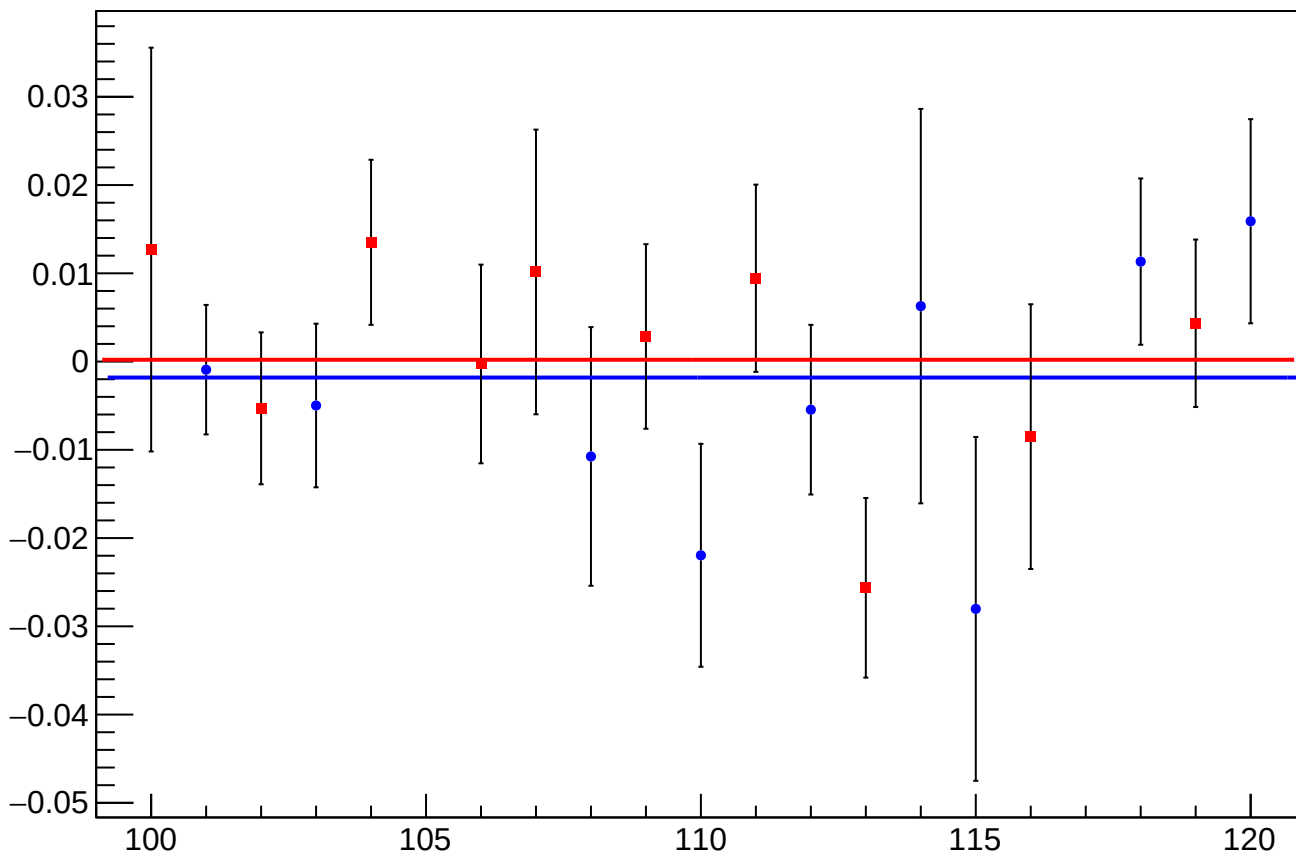
Right: 970.116 $\pm$ 0.246 χ^2 /NDF: 18402.1/18

In: 976.707 $\pm$ 0.361 χ^2 /NDF:4450.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 970.116 $\pm$ 0.246 χ^2 /NDF: 18402.1/18

diff_dispE_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.002+/-0.004 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.003 χ^2/NDF : 10.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

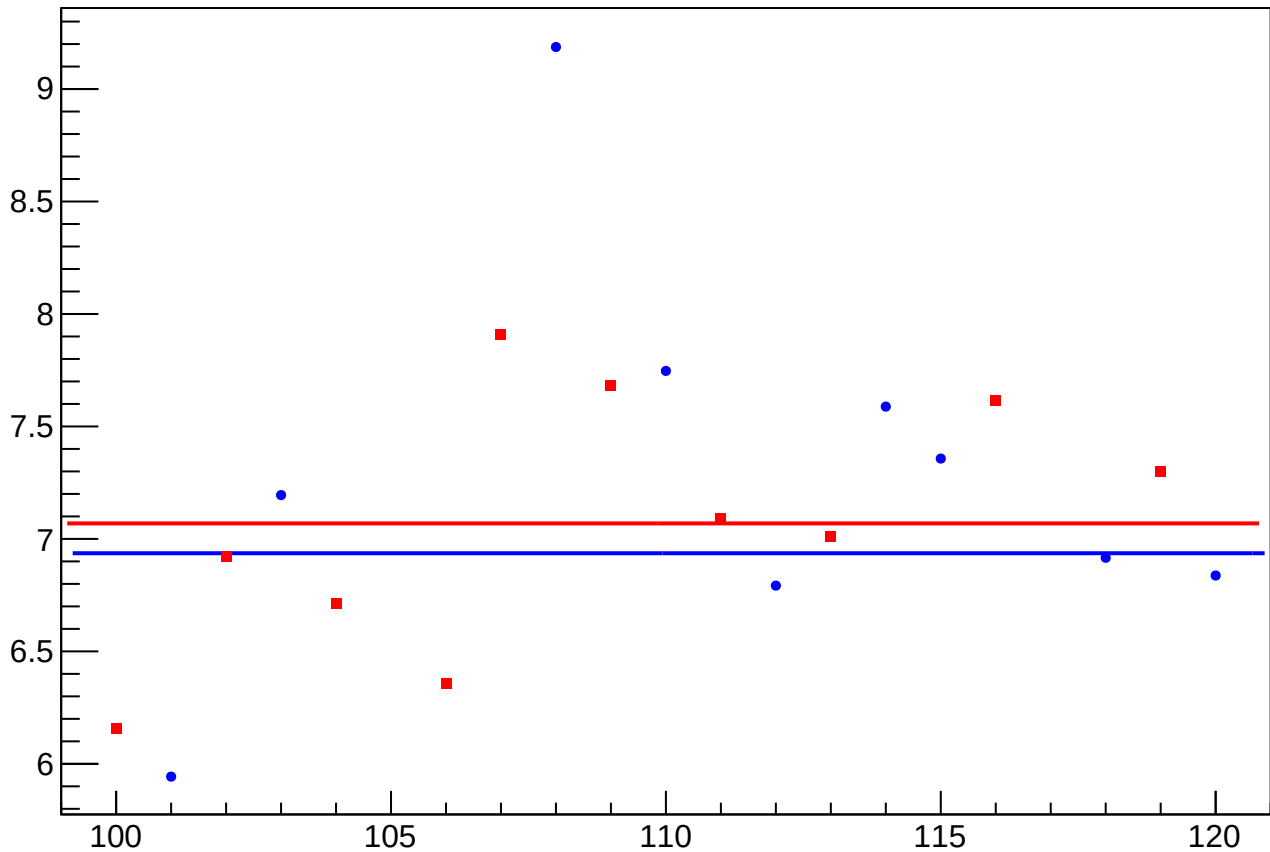
Right: -0.001+/-0.003 χ^2/NDF : 20.5/18

In: -0.002+/-0.004 χ^2/NDF :9.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.001+/-0.003 χ^2/NDF : 20.5/18

diff_dispE_bpm12X_rms vs Slug, Sign Corrected



Right In: 6.936+/-0.003 χ^2/NDF : 96838.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.069+/-0.002 χ^2/NDF : 30871.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

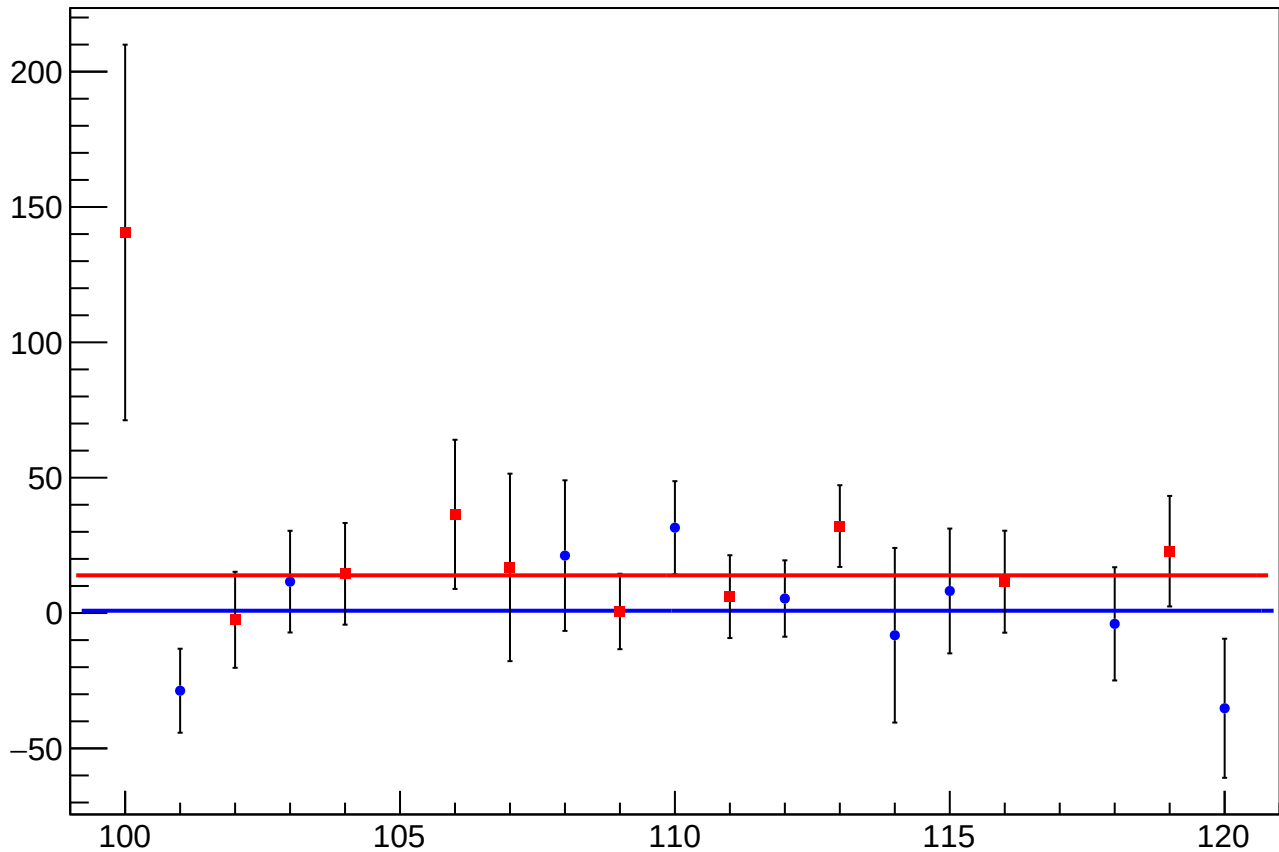
Right: 7.005+/-0.002 χ^2/NDF : 129089.3/18

In: 6.936+/-0.003 χ^2/NDF : 96838.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.005+/-0.002 χ^2/NDF : 129089.3/18

diff_targ_positionX_mean vs Slug, Sign Corrected



Right In: 0.853+/-6.546 χ^2/NDF : 10.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 13.934+/-6.041 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

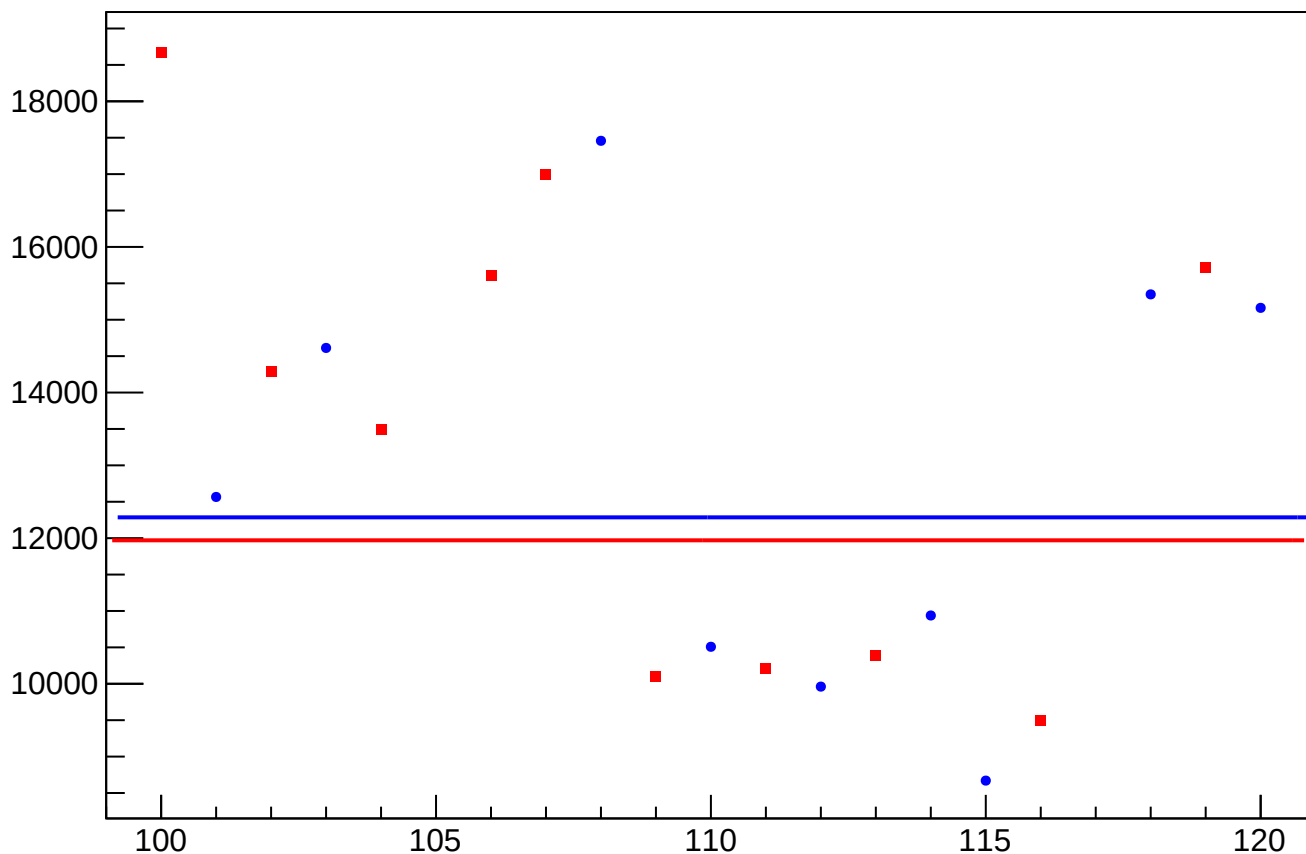
Right: 7.917+/-4.439 χ^2/NDF : 19.9/18

In: 0.853+/-6.546 χ^2/NDF :10.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7.917+/-4.439 χ^2/NDF : 19.9/18

diff_targ_positionX_rms vs Slug, Sign Corrected



Right In: 12285.931+/-4.629 χ^2/NDF : 296924.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11970.494+/-4.272 χ^2/NDF : 328728.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

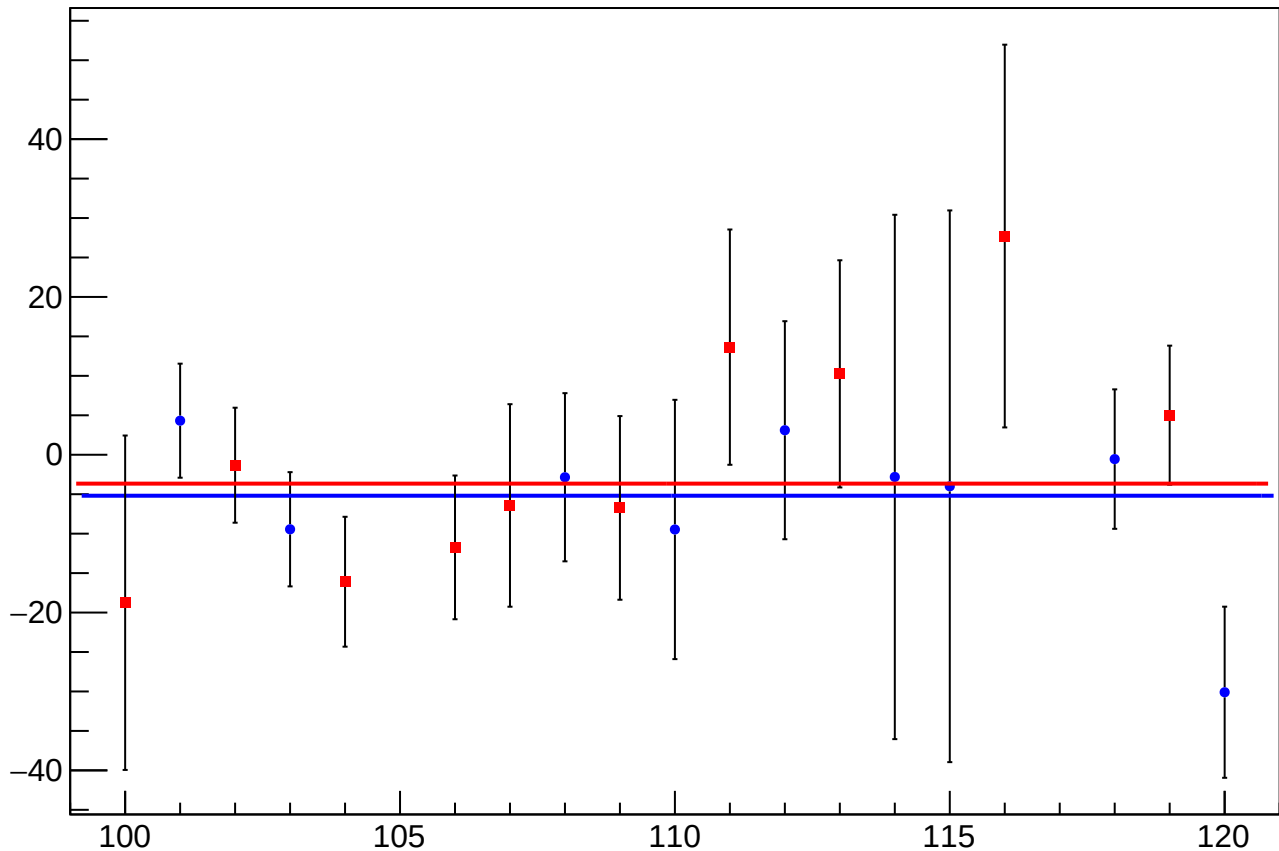
Right: 12115.588+/-3.139 χ^2/NDF : 628161.4/18

In: 12285.931+/-4.629 χ^2/NDF : 296924.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12115.588+/-3.139 χ^2/NDF : 628161.4/18

diff_targ_positionY_mean vs Slug, Sign Corrected



Right In: -5.193+/-3.558 χ^2/NDF : 8.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.660+/-3.425 χ^2/NDF : 8.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

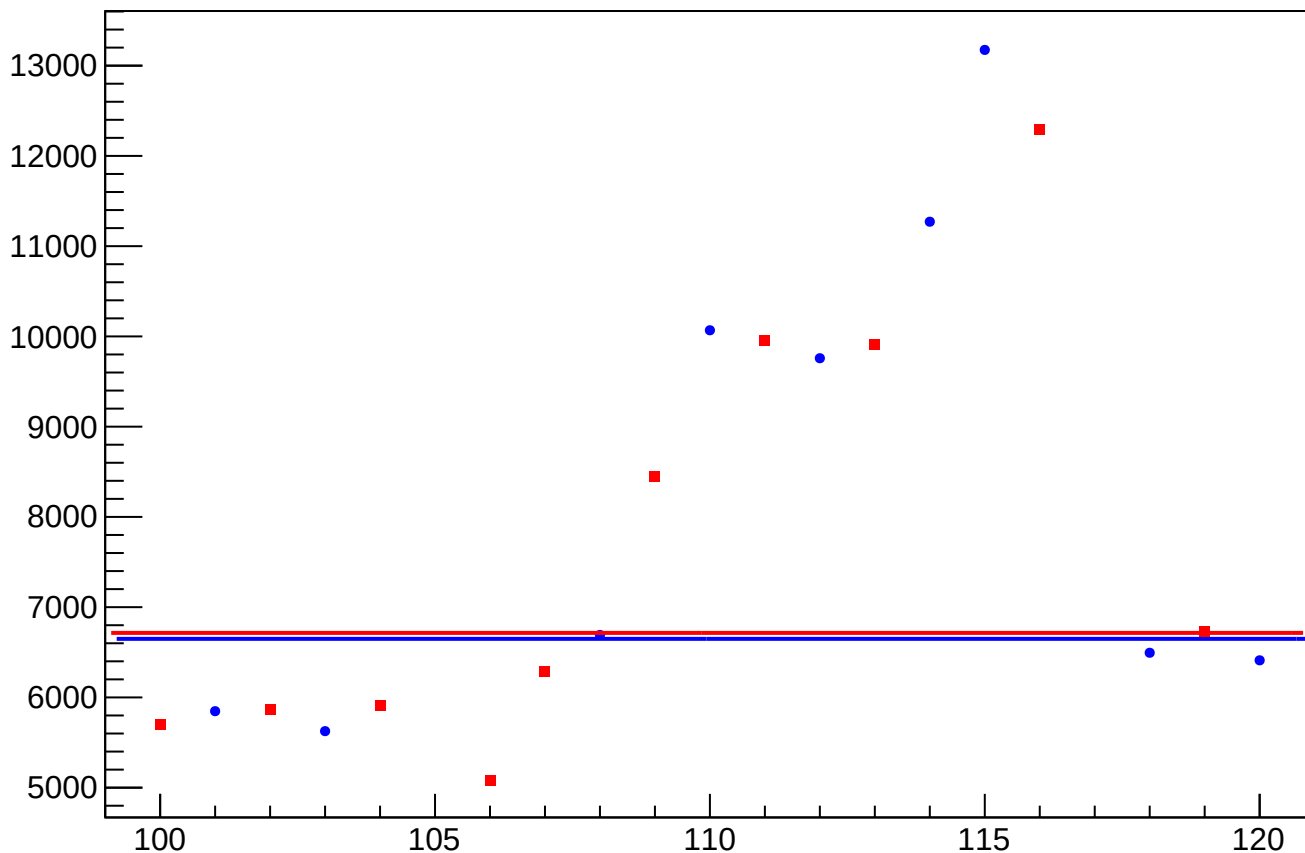
Right: -4.397+/-2.467 χ^2/NDF : 16.9/18

In: -5.193+/-3.558 χ^2/NDF : 8.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.397+/-2.467 χ^2/NDF : 16.9/18

diff_targ_positionY_rms vs Slug, Sign Corrected



Right In: 6649.016+/-2.516 χ^2/NDF : 362376.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6714.930+/-2.422 χ^2/NDF : 460235.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

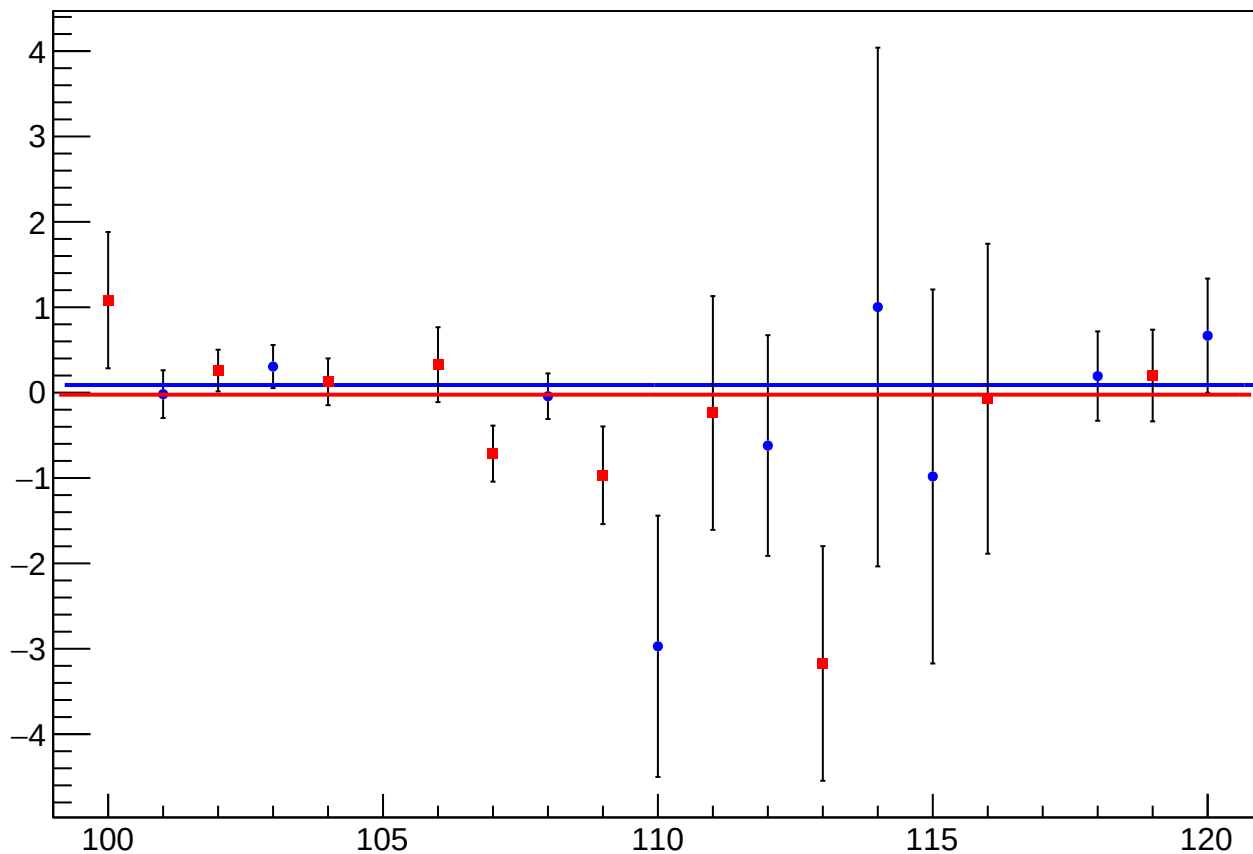
Right: 6683.224+/-1.745 χ^2/NDF : 822968.0/18

In: 6649.016+/-2.516 χ^2/NDF : 362376.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6683.224+/-1.745 χ^2/NDF : 822968.0/18

diff_targ_thetaX_mean vs Slug, Sign Corrected



Right In: 0.089+/-0.142 χ^2/NDF : 6.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.024+/-0.136 χ^2/NDF : 16.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

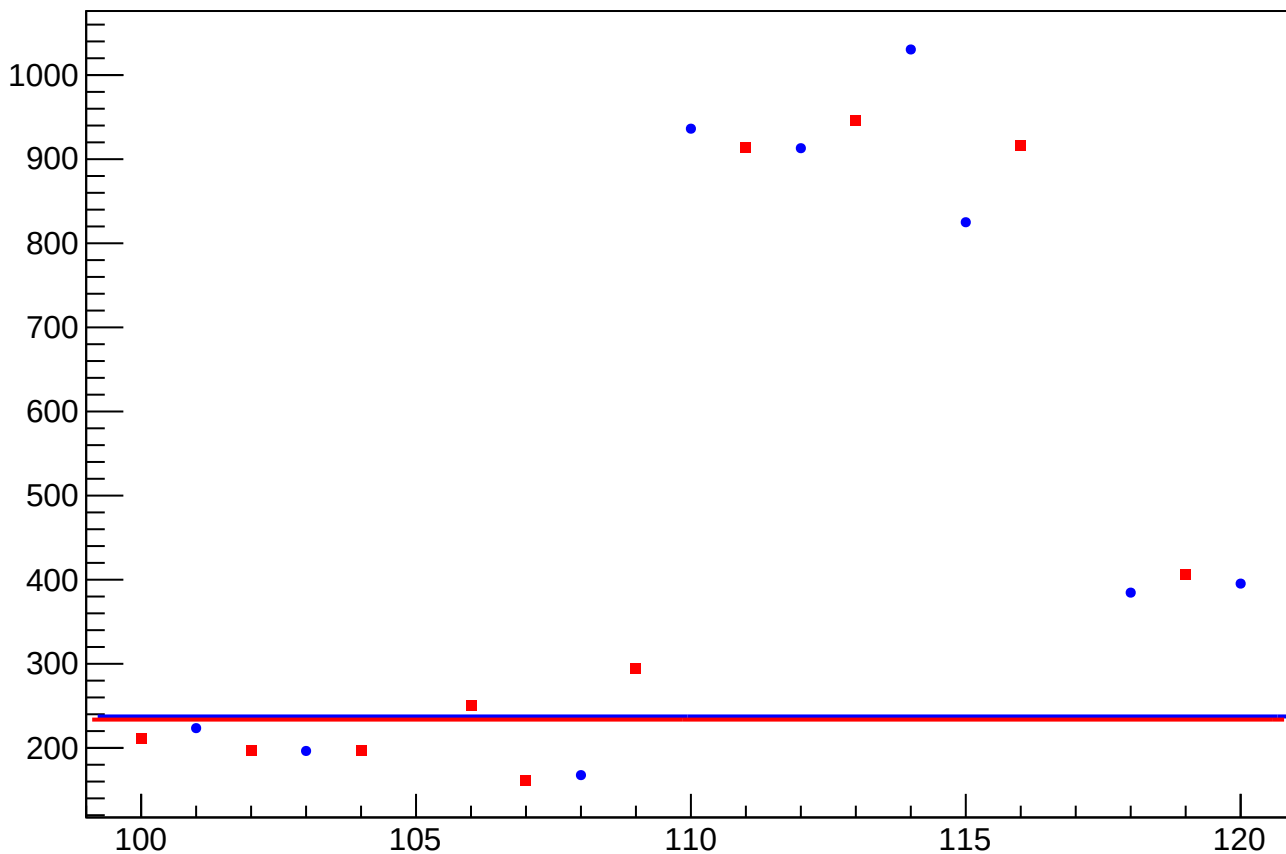
Right: 0.030+/-0.098 χ^2/NDF : 23.7/18

In: 0.089+/-0.142 χ^2/NDF : 6.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.030+/-0.098 χ^2/NDF : 23.7/18

diff_targ_thetaX_rms vs Slug, Sign Corrected



Right In: 237.409+/-0.100 χ^2/NDF : 1707753.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 233.662+/-0.096 χ^2/NDF : 1729365.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

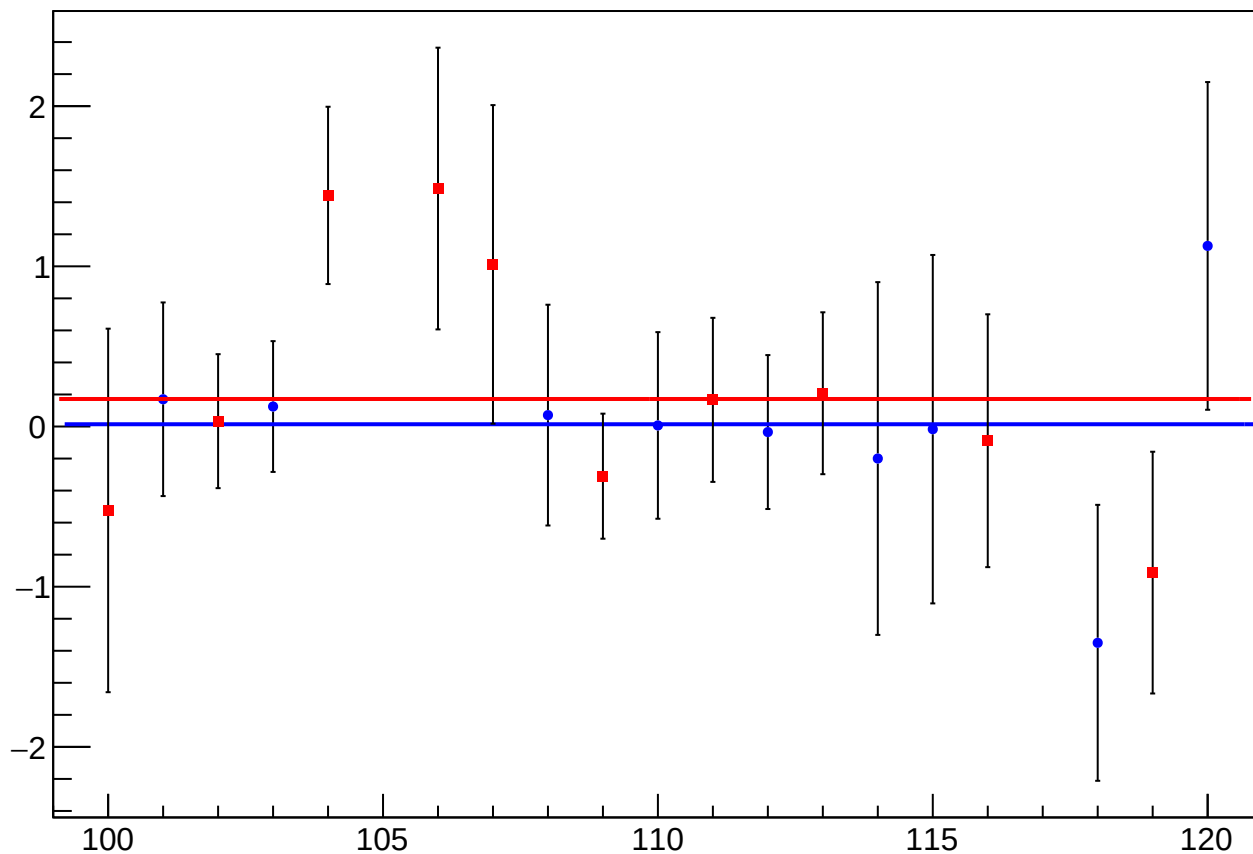
Right: 235.458+/-0.069 χ^2/NDF : 3437845.3/18

In: 237.409+/-0.100 χ^2/NDF :1707753.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 235.458+/-0.069 χ^2/NDF : 3437845.3/18

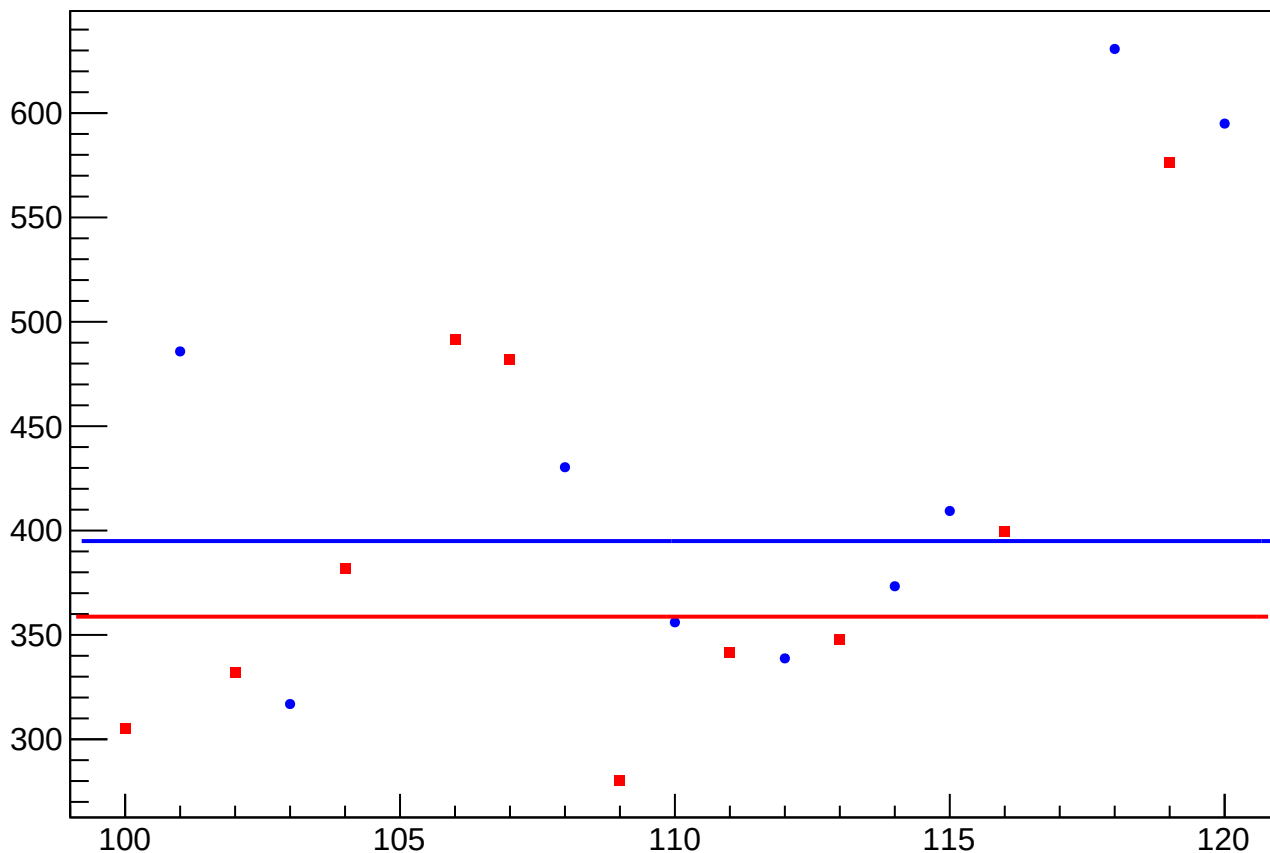
diff_targ_thetaY_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.213 χ^2/NDF : 3.9/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.172+/-0.183 χ^2/NDF : 12.4/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.105+/-0.139 χ^2/NDF : 16.6/18
 In: 0.014+/-0.213 χ^2/NDF : 3.9/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.105+/-0.139 χ^2/NDF : 16.6/18

diff_targ_thetaY_rms vs Slug, Sign Corrected



Right In: 394.961+/-0.150 χ^2/NDF : 387308.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 358.750+/-0.130 χ^2/NDF : 347479.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

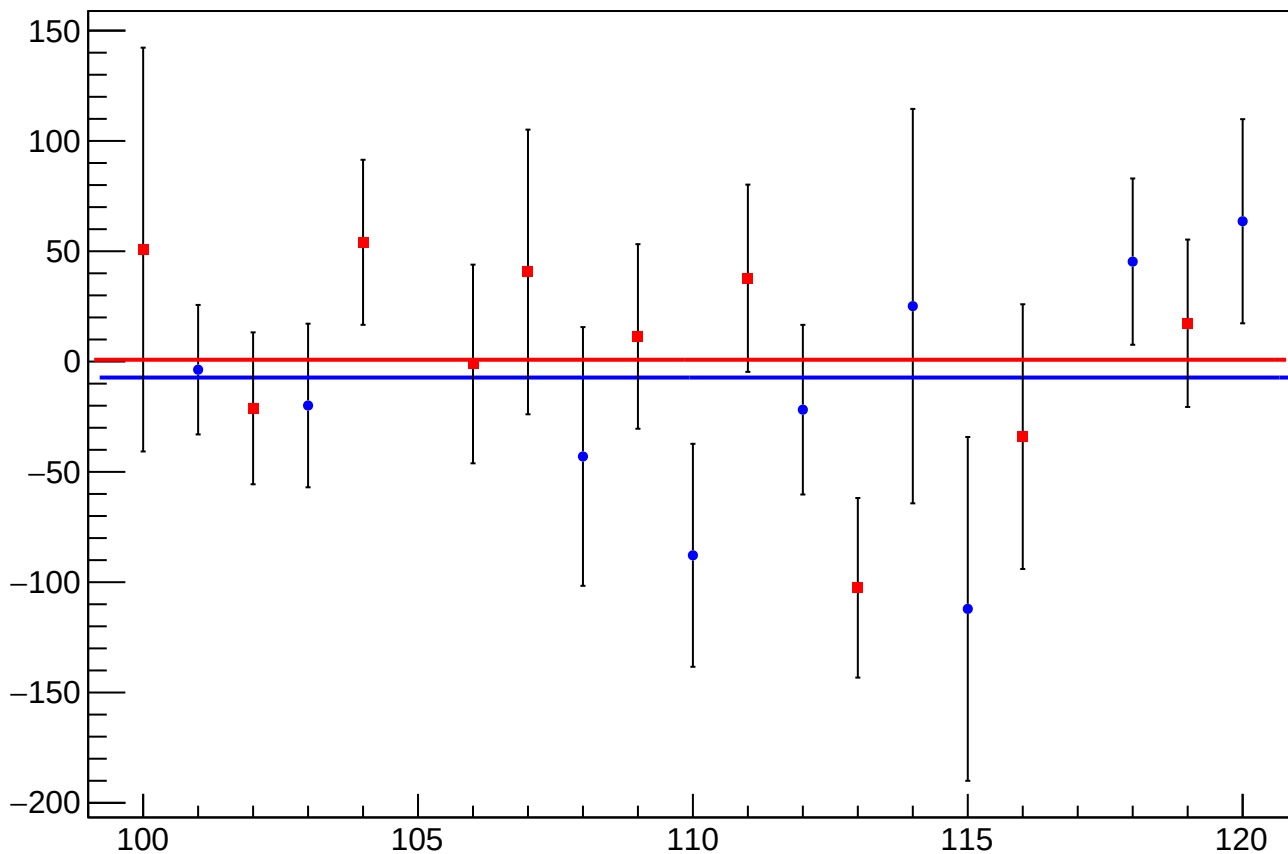
Right: 374.192+/-0.098 χ^2/NDF : 768023.1/18

In: 394.961+/-0.150 χ^2/NDF : 387308.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 374.192+/-0.098 χ^2/NDF : 768023.1/18

diff_bpmE_mean vs Slug, Sign Corrected



Right In: -7.242+/-14.573 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.822+/-13.983 χ^2/NDF : 10.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

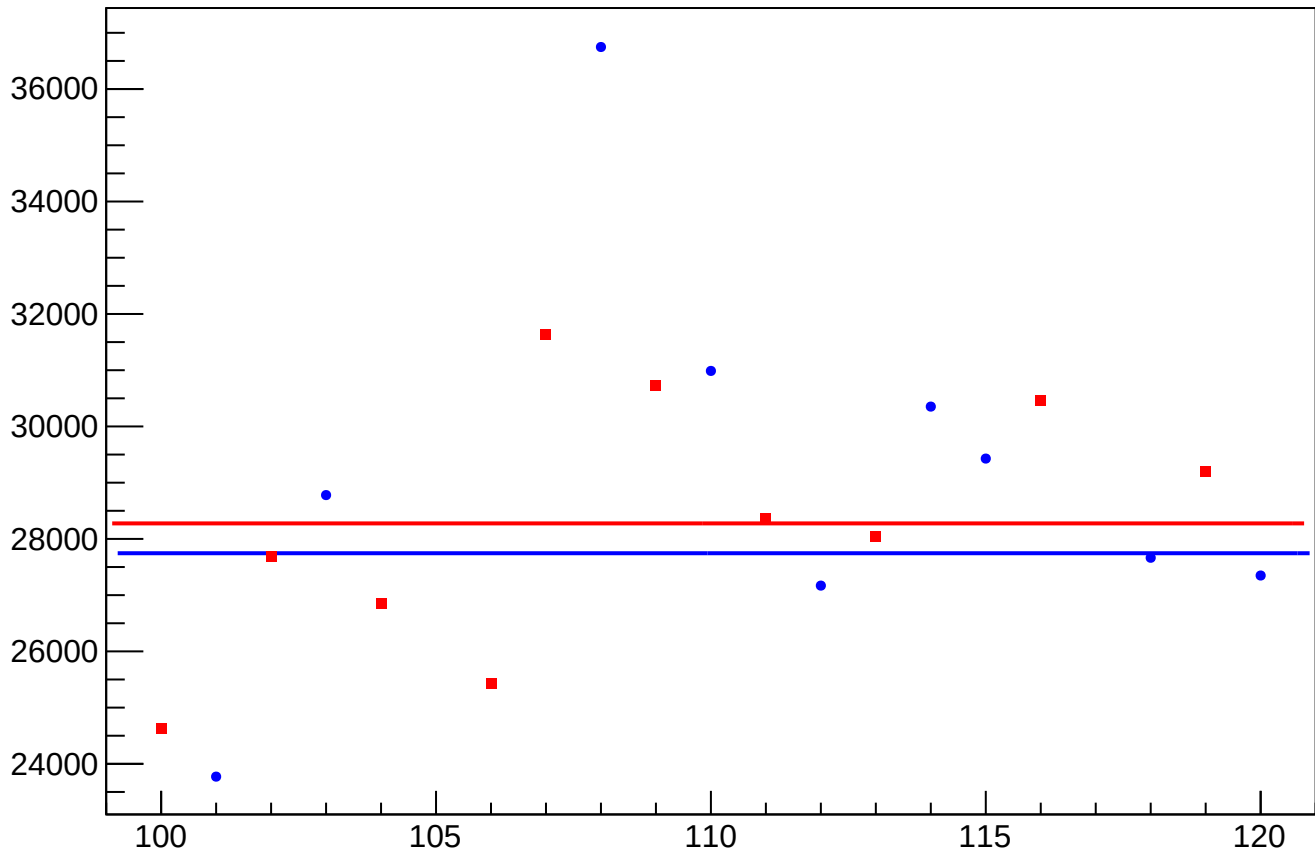
Right: -3.044+/-10.090 χ^2/NDF : 20.5/18

In: -7.242+/-14.573 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.044+/-10.090 χ^2/NDF : 20.5/18

diff_bpmE_rms vs Slug, Sign Corrected



Right In: 27745.315+/-10.305 χ^2/NDF : 96838.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28275.825+/-9.887 χ^2/NDF : 30871.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

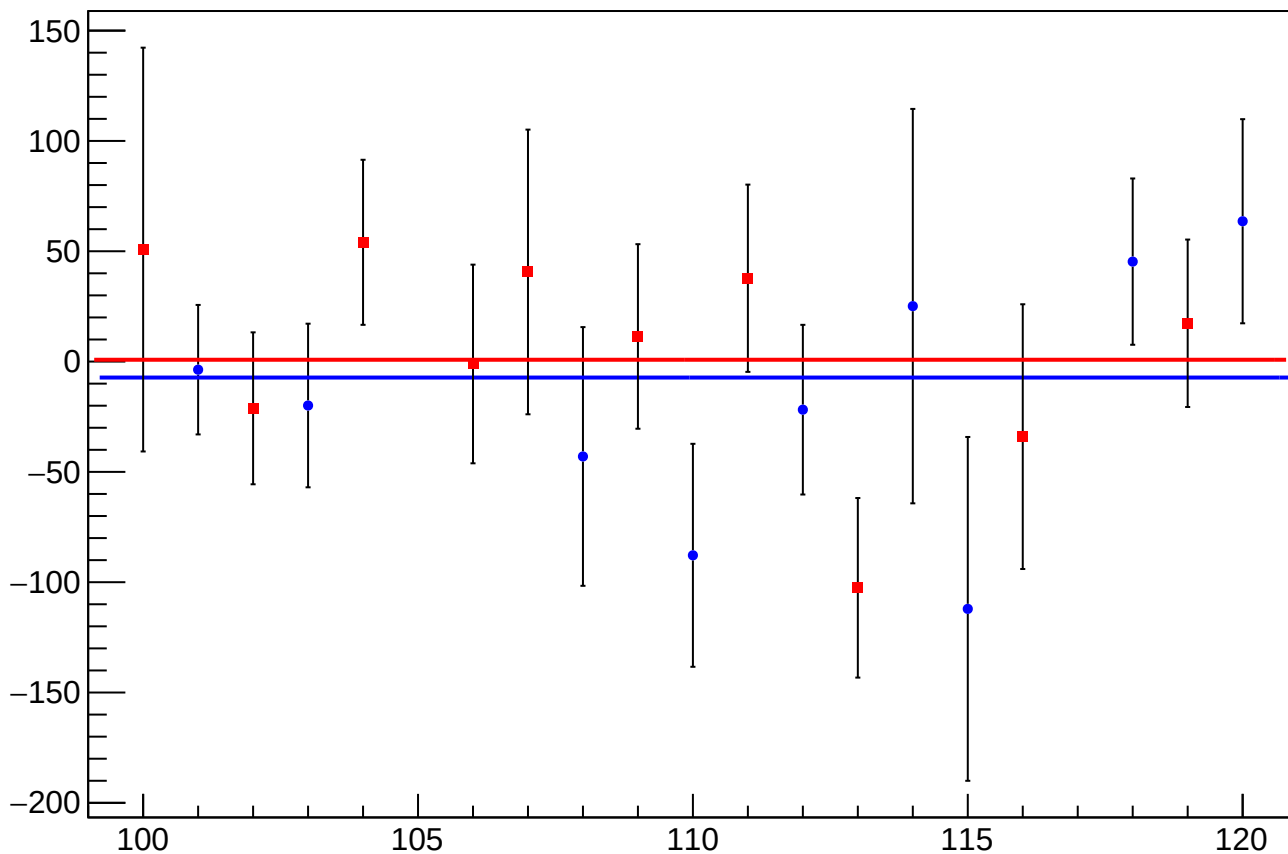
Right: 28021.530+/-7.134 χ^2/NDF : 129089.3/18

In: 27745.315+/-10.305 χ^2/NDF : 96838.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28021.530+/-7.134 χ^2/NDF : 129089.3/18

diff_bpmEX_mean vs Slug, Sign Corrected



Right In: -7.242+/-14.573 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.822+/-13.983 χ^2/NDF : 10.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

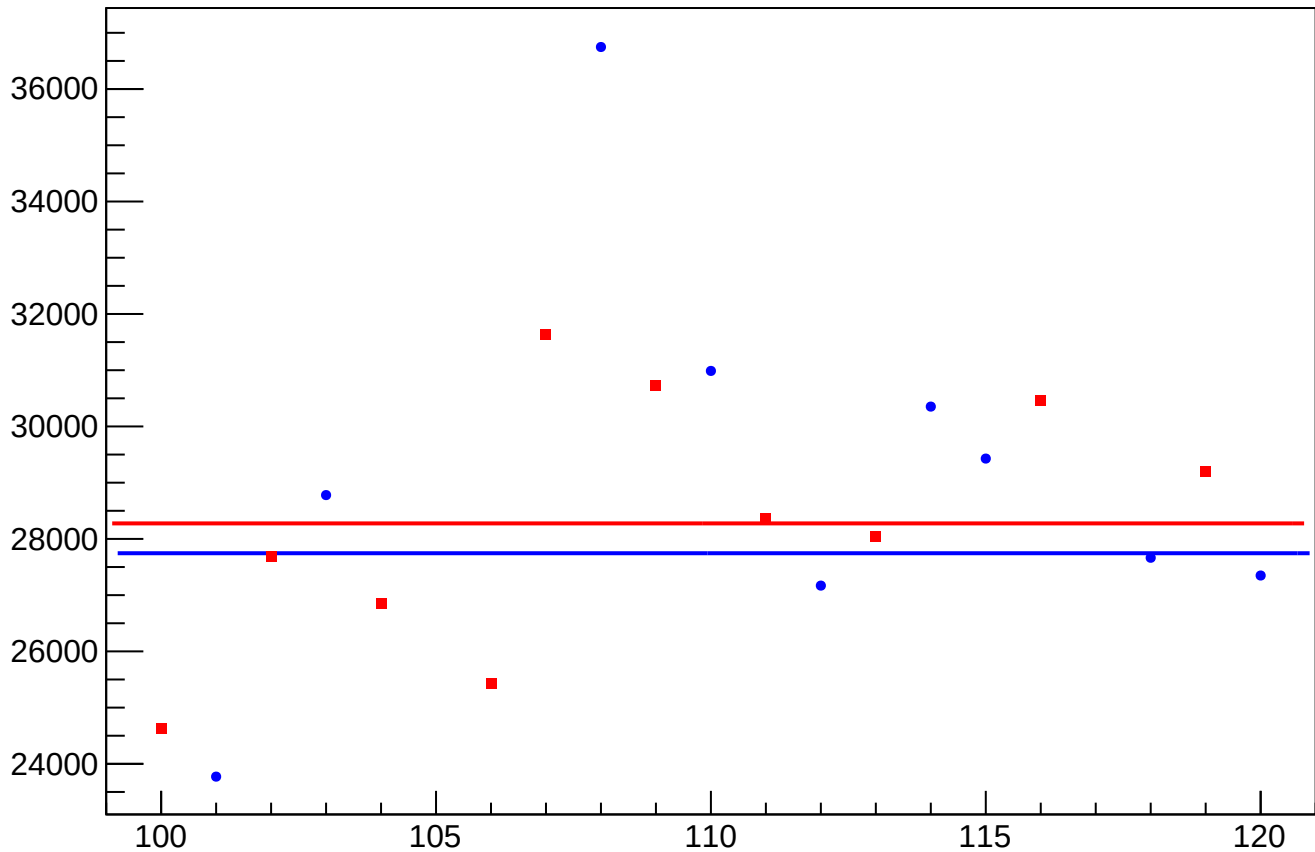
Right: -3.044+/-10.090 χ^2/NDF : 20.5/18

In: -7.242+/-14.573 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.044+/-10.090 χ^2/NDF : 20.5/18

diff_bpmEX_rms vs Slug, Sign Corrected



Right In: 27745.315+/-10.305 χ^2/NDF : 96838.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28275.825+/-9.887 χ^2/NDF : 30871.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

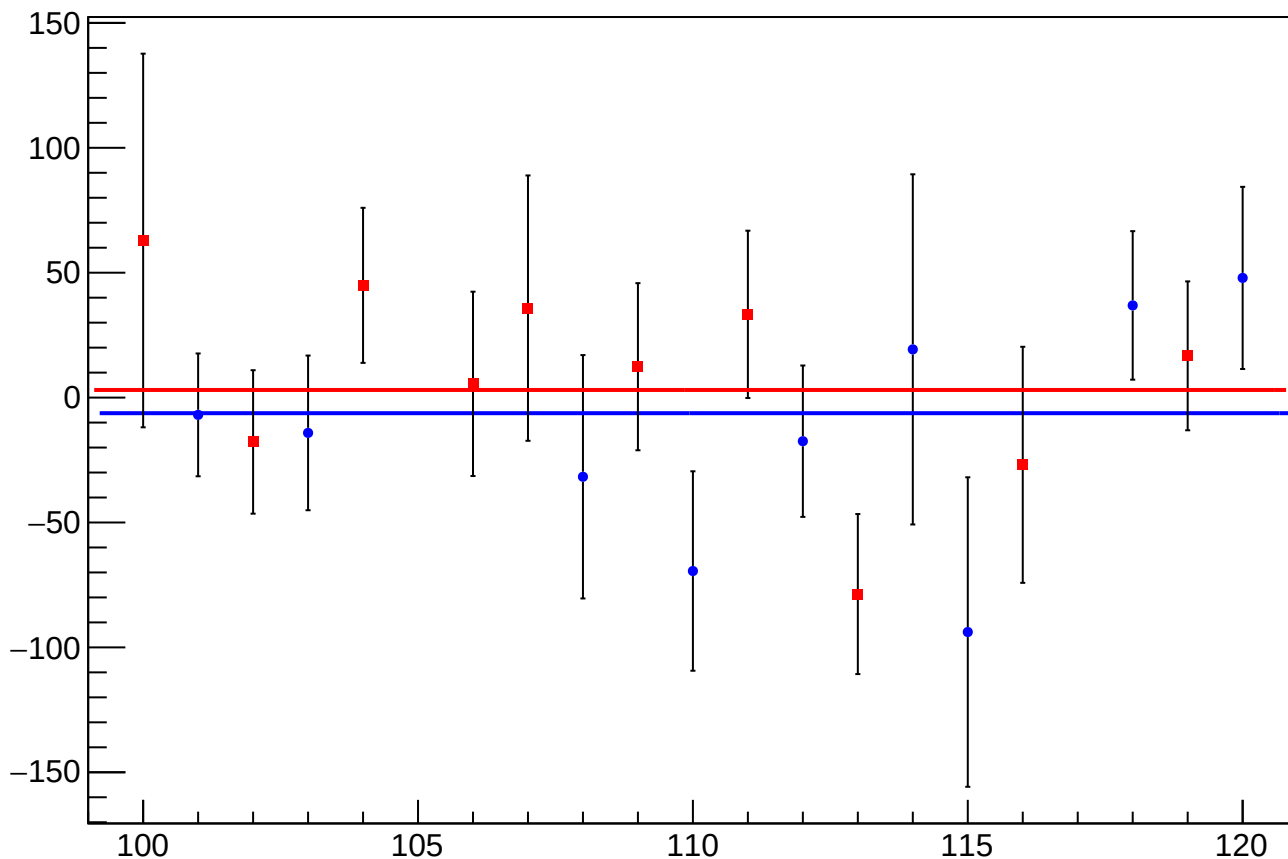
Right: 28021.530+/-7.134 χ^2/NDF : 129089.3/18

In: 27745.315+/-10.305 χ^2/NDF : 96838.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28021.530+/-7.134 χ^2/NDF : 129089.3/18

diff_bpmE_11X12X_mean vs Slug, Sign Corrected



Right In: -6.240+/-11.799 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3.057+/-11.285 χ^2/NDF : 11.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

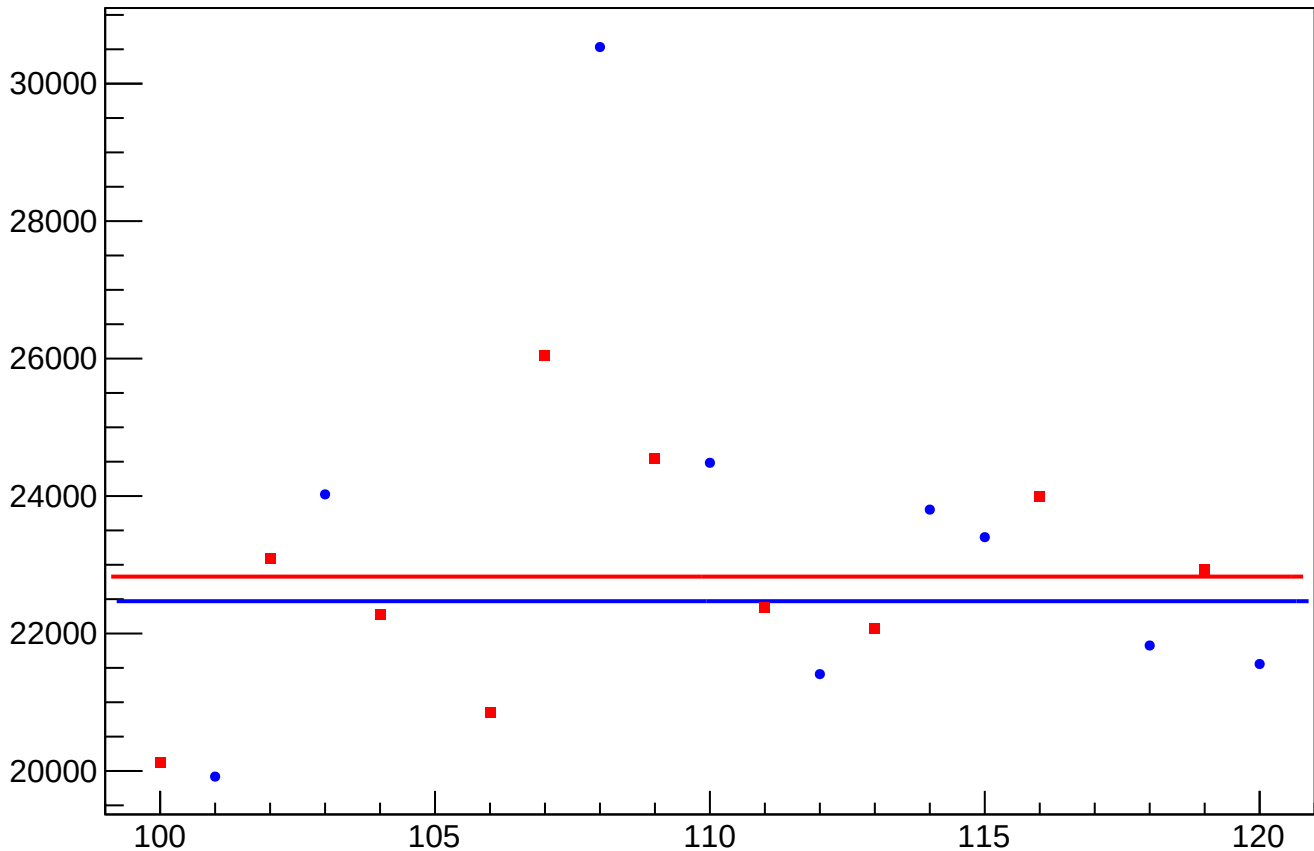
Right: -1.385+/-8.155 χ^2/NDF : 21.1/18

In: -6.240+/-11.799 χ^2/NDF :9.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.385+/-8.155 χ^2/NDF : 21.1/18

diff_bpmE_11X12X_rms vs Slug, Sign Corrected



Right In: 22470.317+/-8.343 χ^2/NDF : 92280.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 22828.254+/-7.980 χ^2/NDF : 24483.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

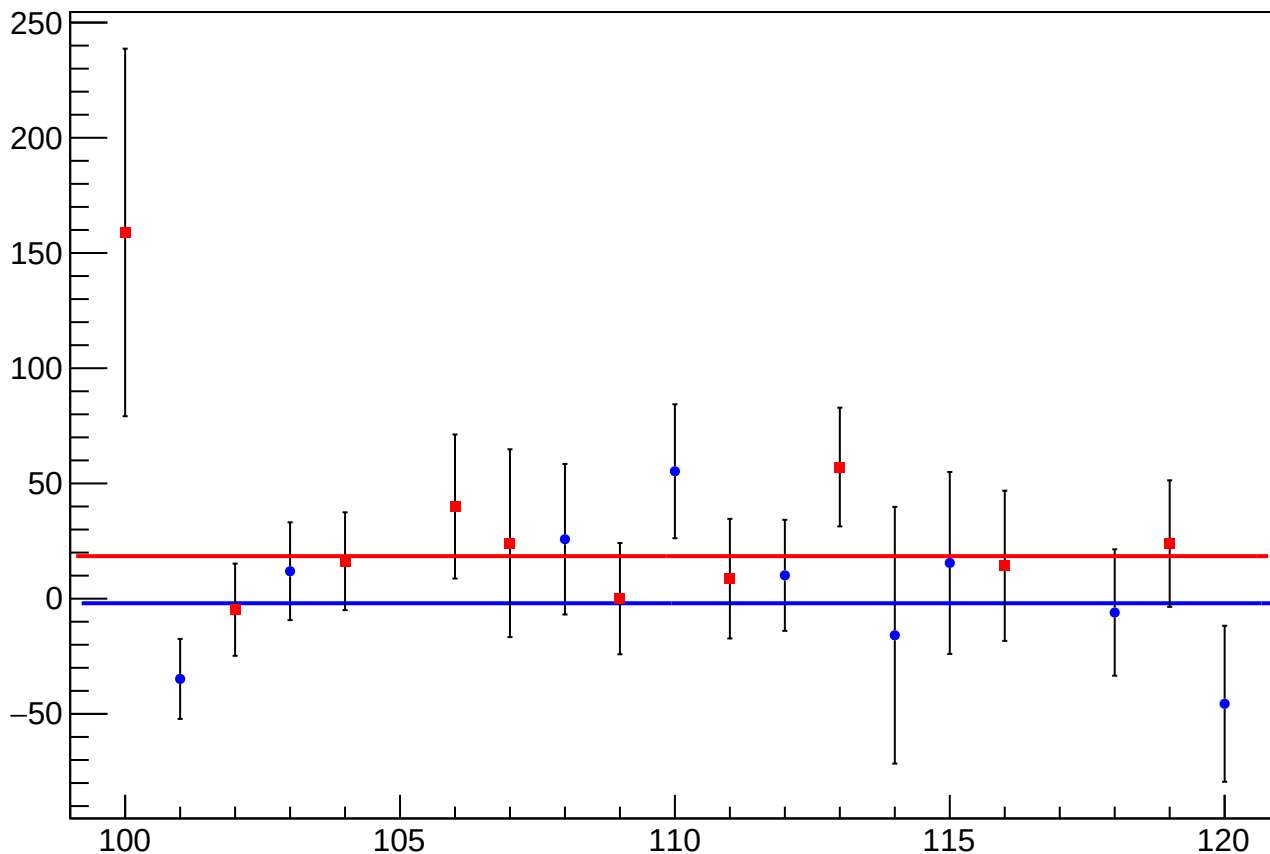
Right: 22657.246+/-5.767 χ^2/NDF : 117725.2/18

In: 22470.317+/-8.343 χ^2/NDF :92280.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 22657.246+/-5.767 χ^2/NDF : 117725.2/18

diff_bpm4aesumX_mean vs Slug, Sign Corrected



Right In: -1.983+/-8.927 χ^2 /NDF: 10.8/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 18.460+/-8.613 χ^2 /NDF: 8.0/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

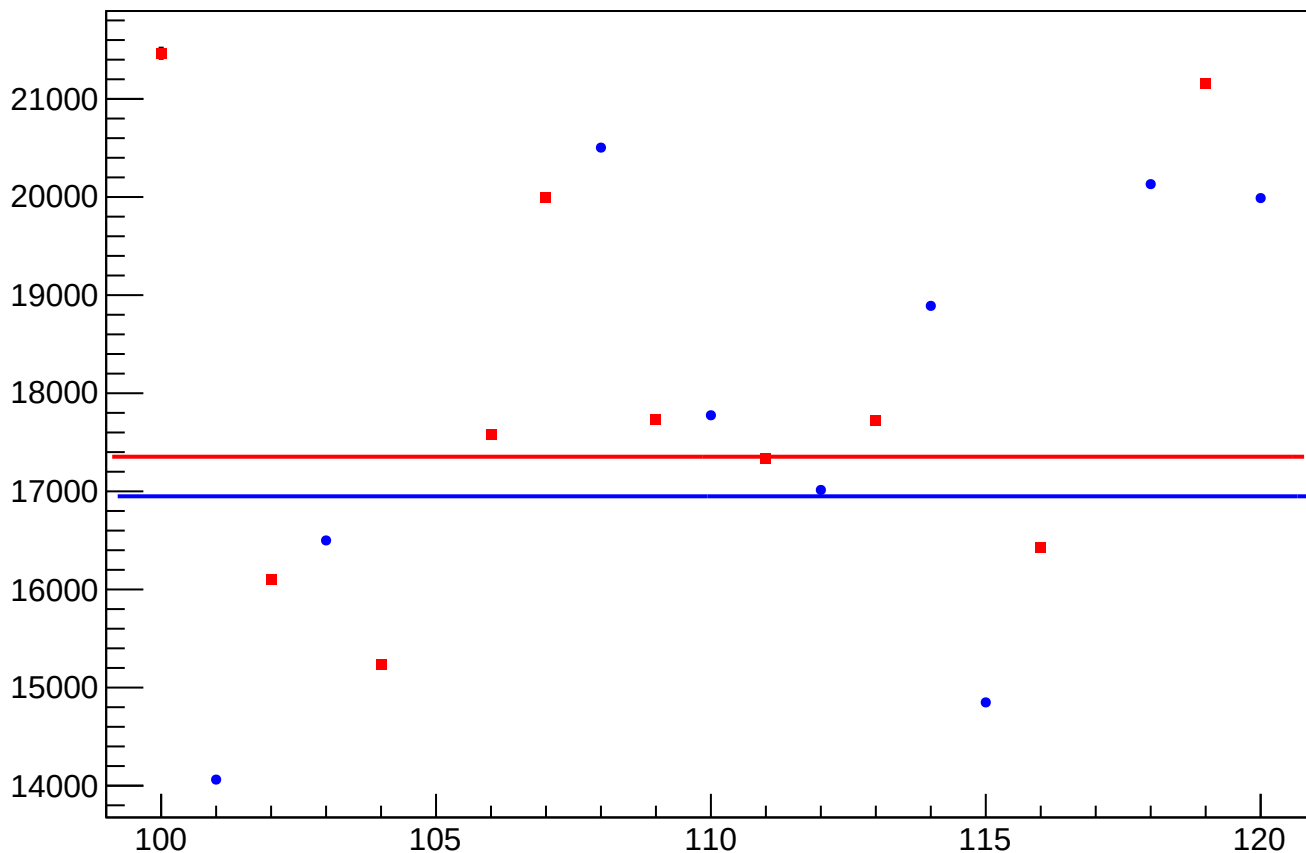
Right: 8.605+/-6.198 χ^2 /NDF: 21.5/18

In: -1.983+/-8.927 χ^2 /NDF:10.8/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 8.605+/-6.198 χ^2 /NDF: 21.5/18

diff_bpm4aesumX_rms vs Slug, Sign Corrected



Right In: 16949.562 $\pm$ 6.312 χ^2 /NDF: 132643.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 17353.101 $\pm$ 6.090 χ^2 /NDF: 82479.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

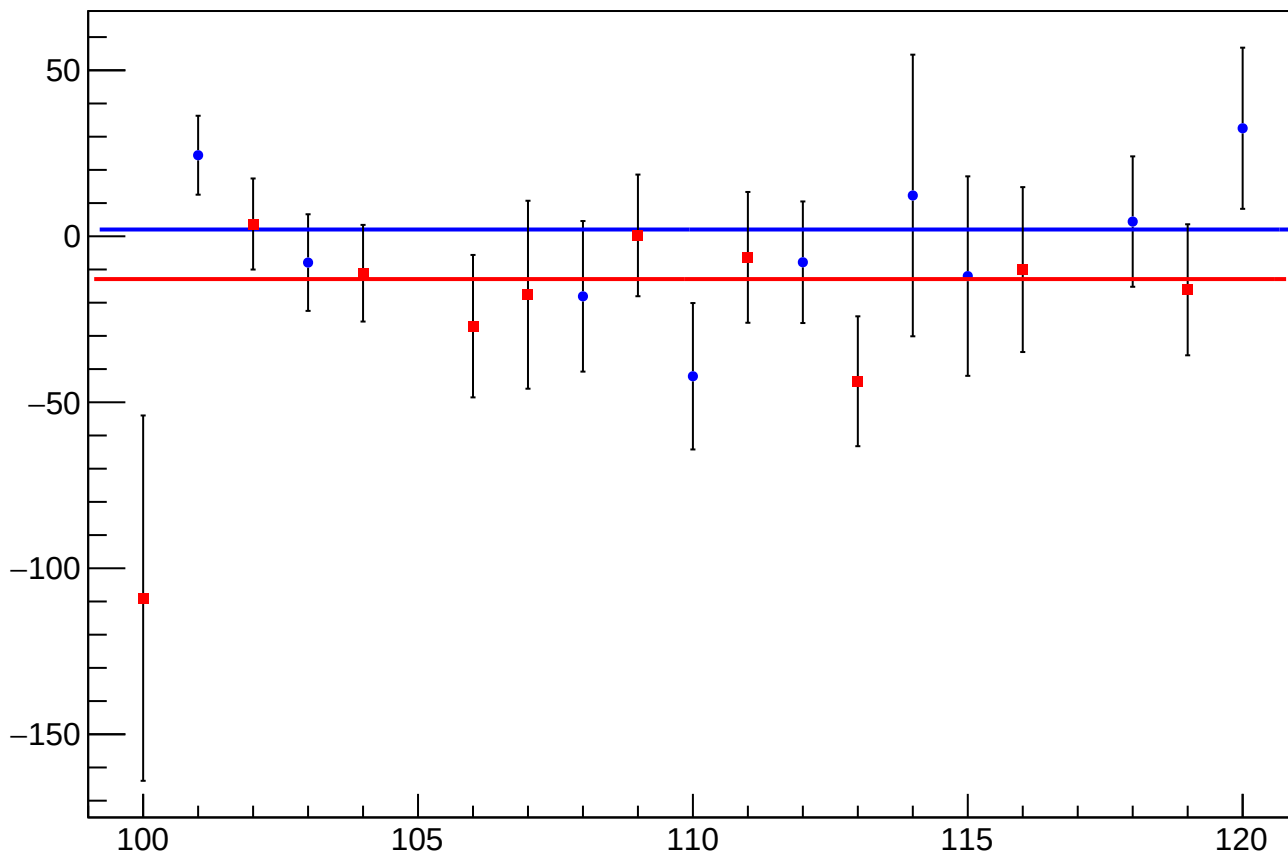
Right: 17158.550 $\pm$ 4.383 χ^2 /NDF: 217239.9/18

In: 16949.562 $\pm$ 6.312 χ^2 /NDF:132643.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 17158.550 $\pm$ 4.383 χ^2 /NDF: 217239.9/18

diff_bpm4aediffX_mean vs Slug, Sign Corrected



Right In: 2.043 $\pm$ 6.358 χ^2/NDF : 11.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -12.887 $\pm$ 6.185 χ^2/NDF : 8.1/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

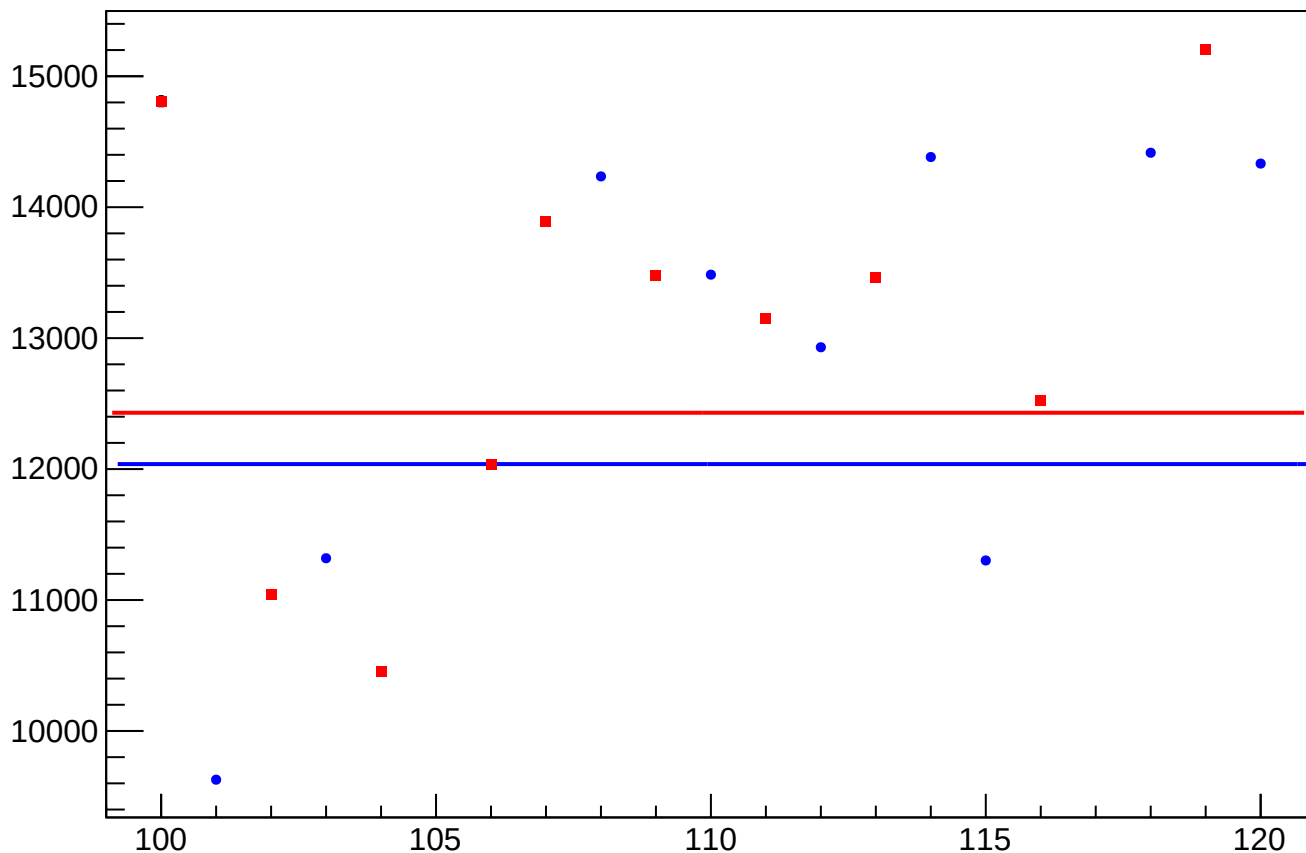
Right: -5.629 $\pm$ 4.433 χ^2/NDF : 21.9/18

In: 2.043 $\pm$ 6.358 χ^2/NDF : 11.0/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -5.629 $\pm$ 4.433 χ^2/NDF : 21.9/18

diff_bpm4aediiffX_rms vs Slug, Sign Corrected



Right In: 12038.126+/-4.496 χ^2/NDF : 173726.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12430.172+/-4.373 χ^2/NDF : 121386.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

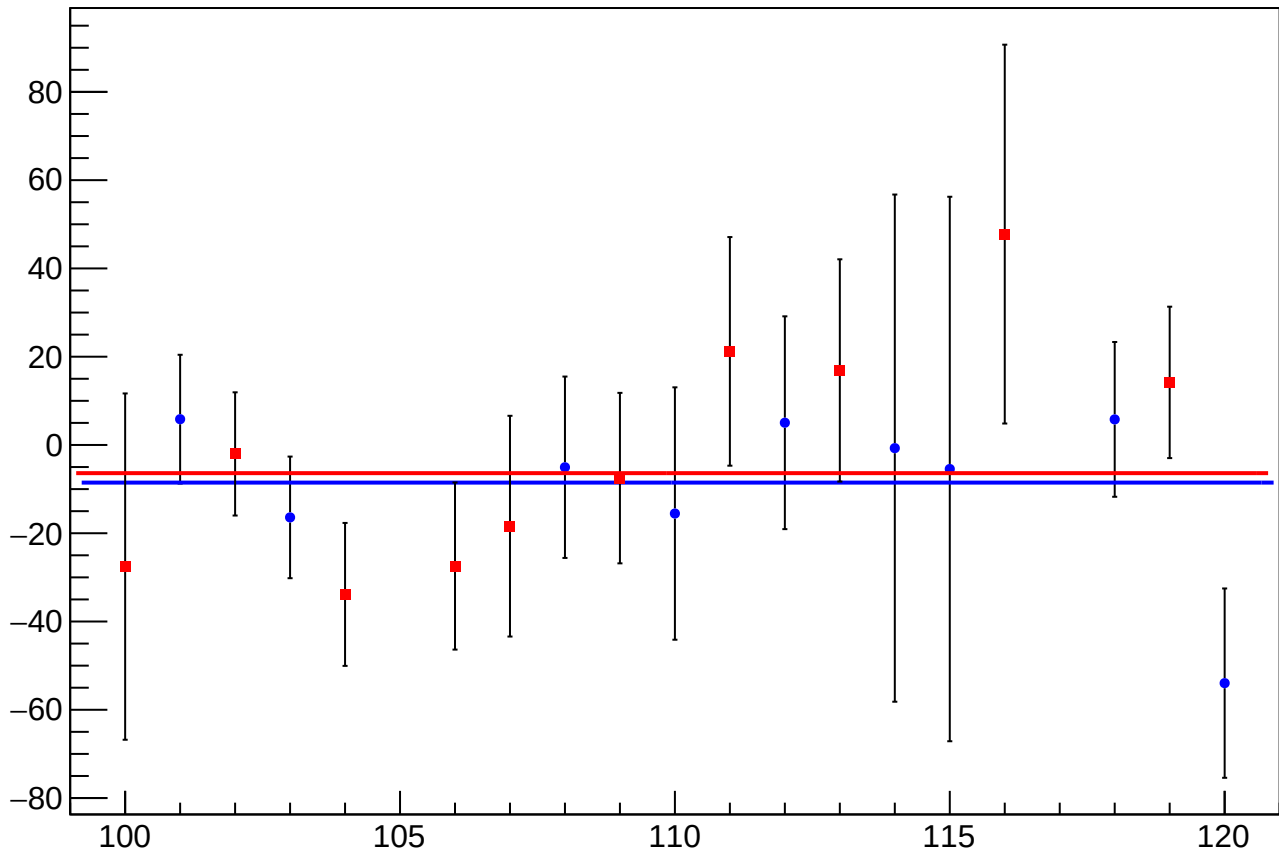
Right: 12239.578+/-3.135 χ^2/NDF : 299020.3/18

In: 12038.126+/-4.496 χ^2/NDF : 173726.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12239.578+/-3.135 χ^2/NDF : 299020.3/18

diff_bpm4aesumY_mean vs Slug, Sign Corrected



Right In: -8.527+/-6.857 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.385+/-6.499 χ^2/NDF : 9.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

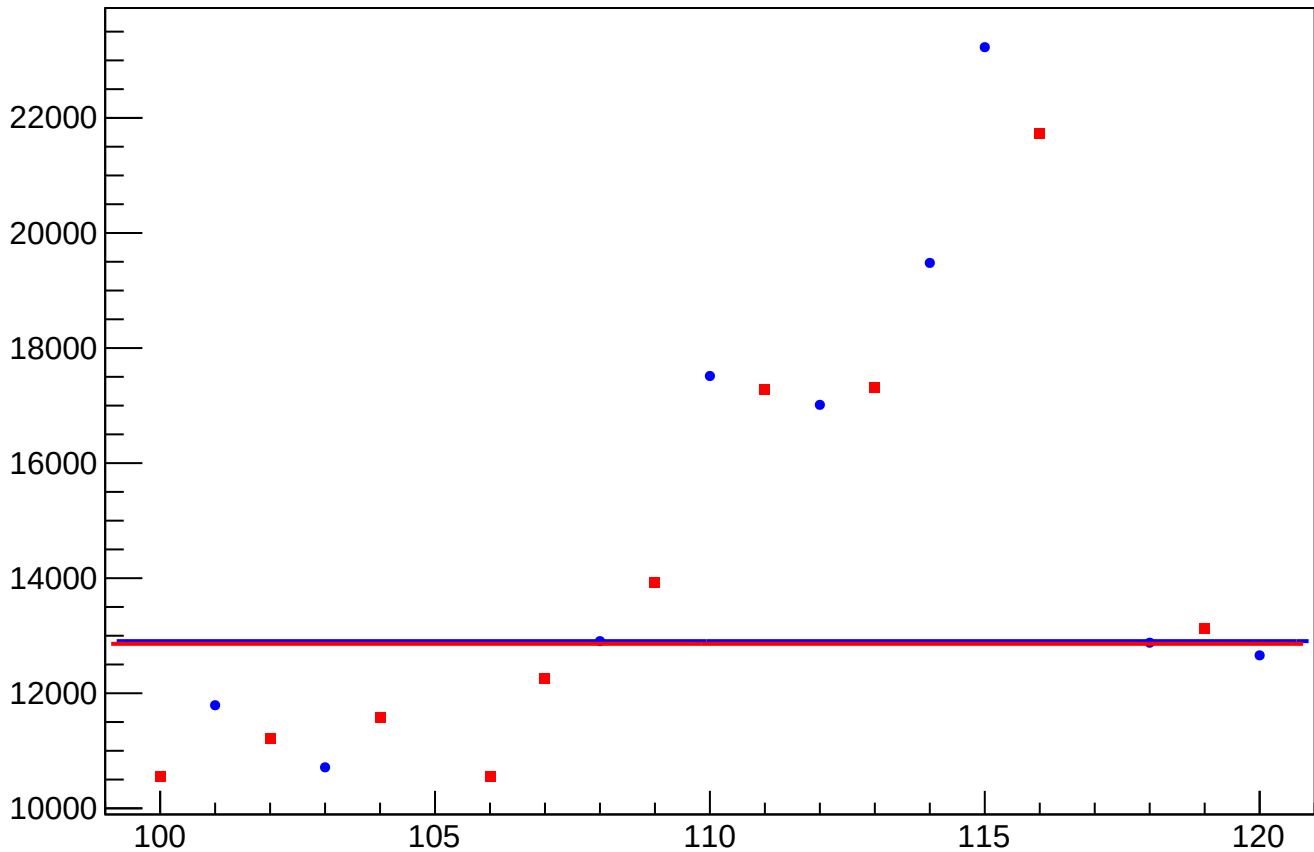
Right: -7.399+/-4.717 χ^2/NDF : 16.7/18

In: -8.527+/-6.857 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.399+/-4.717 χ^2/NDF : 16.7/18

diff_bpm4aesumY_rms vs Slug, Sign Corrected



Right In: 12905.621+/-4.848 χ^2/NDF : 254829.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12859.024+/-4.596 χ^2/NDF : 291117.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

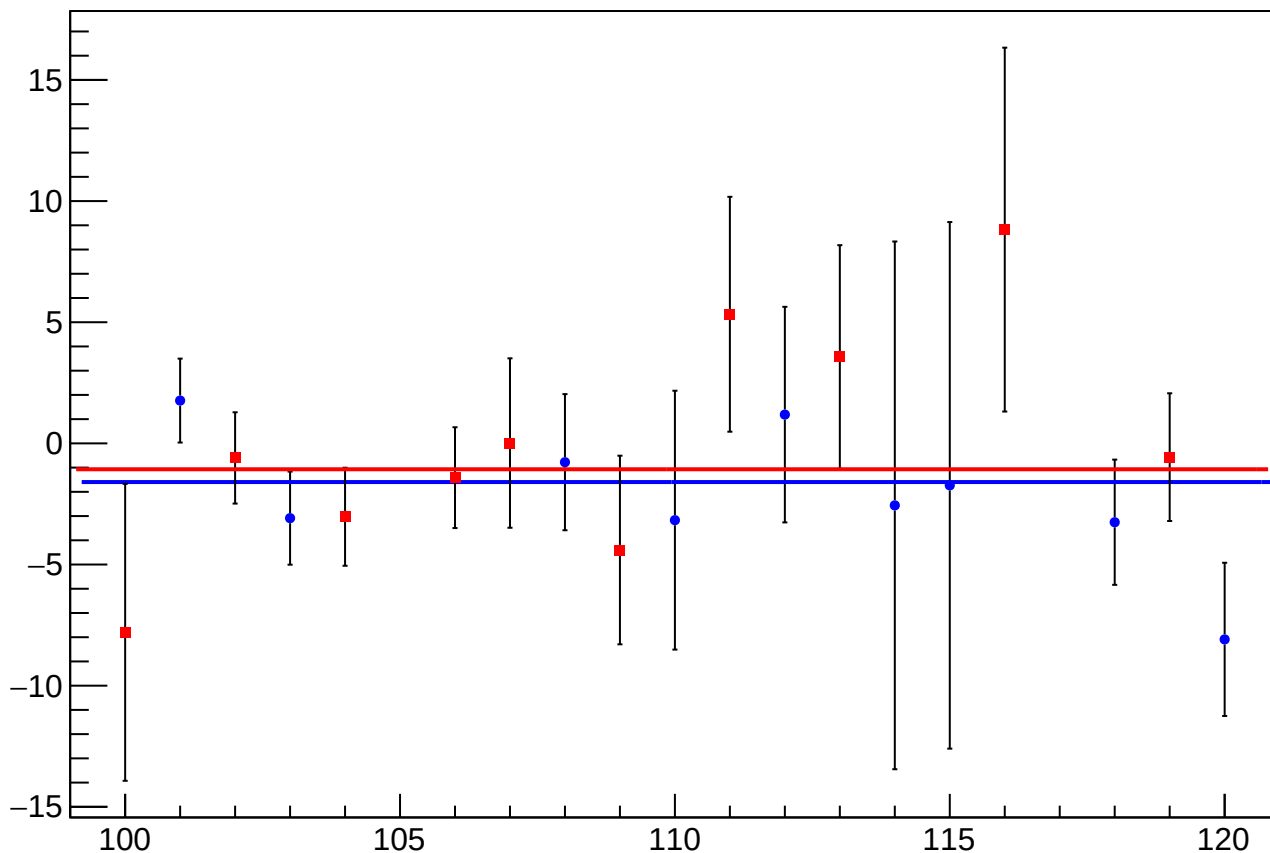
Right: 12881.076+/-3.335 χ^2/NDF : 545994.8/18

In: 12905.621+/-4.848 χ^2/NDF : 254829.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12881.076+/-3.335 χ^2/NDF : 545994.8/18

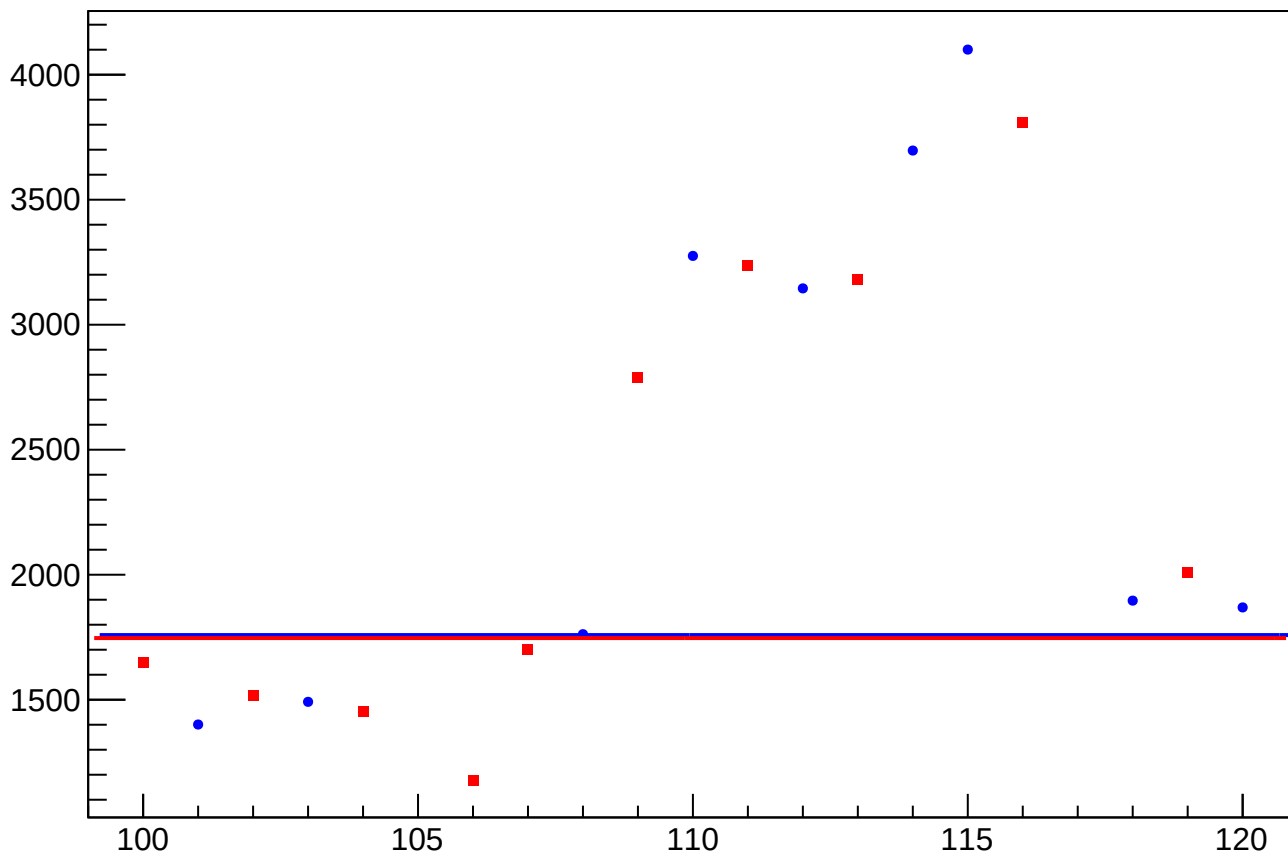
diff_bpm4aediY_mean vs Slug, Sign Corrected



Right In: -1.596+/-0.961 χ^2/NDF : 9.6/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1.068+/-0.919 χ^2/NDF : 7.6/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -1.321+/-0.664 χ^2/NDF : 17.3/18
 In: -1.596+/-0.961 χ^2/NDF : 9.6/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -1.321+/-0.664 χ^2/NDF : 17.3/18

diff_bpm4aediffY_rms vs Slug, Sign Corrected



Right In: 1758.571+/-0.679 χ^2/NDF : 643868.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1746.621+/-0.650 χ^2/NDF : 919449.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

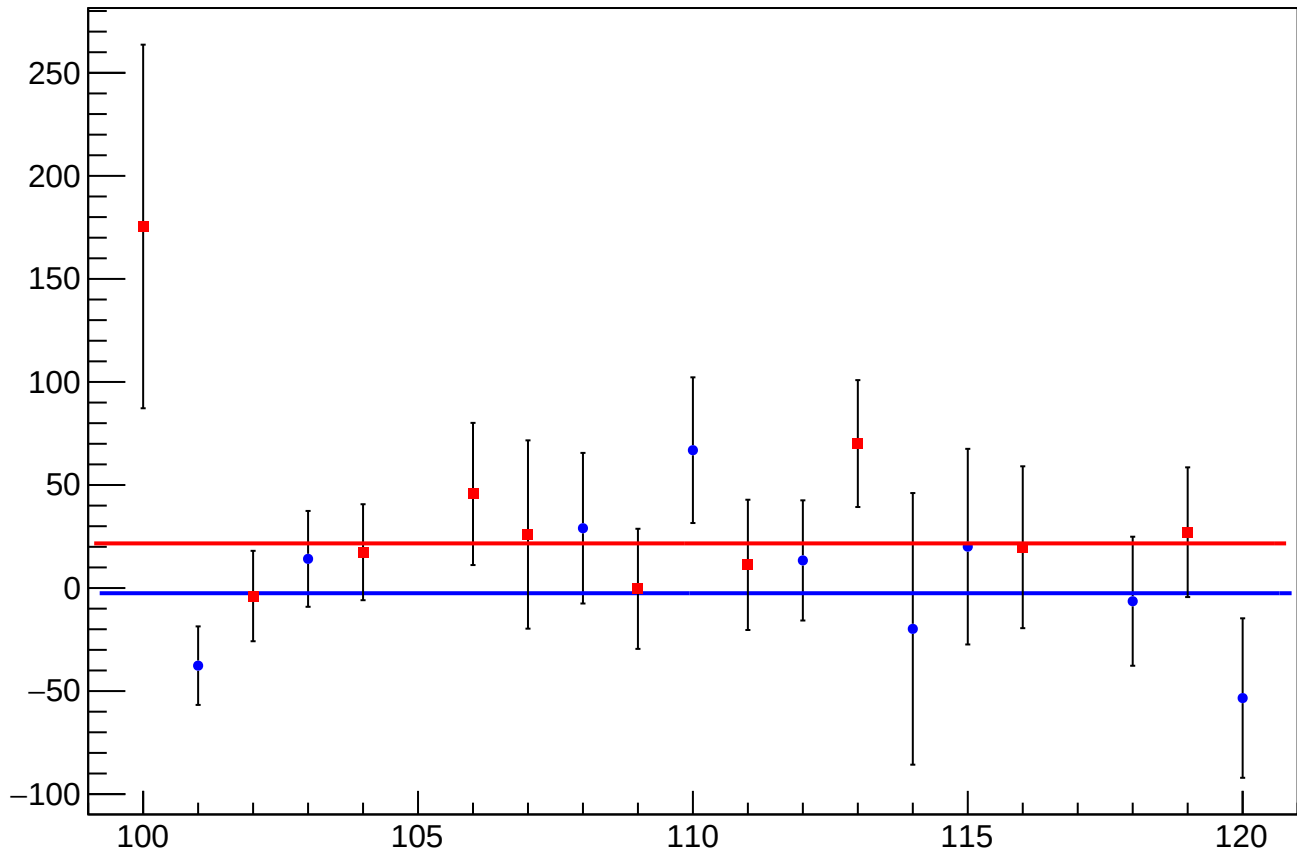
Right: 1752.333+/-0.470 χ^2/NDF : 1563479.0/18

In: 1758.571+/-0.679 χ^2/NDF : 643868.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1752.333+/-0.470 χ^2/NDF : 1563479.0/18

diff_bpmtargetsumX_mean vs Slug, Sign Corrected



Right In: -2.515 $\pm$ 10.158 χ^2 /NDF: 10.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 21.661 $\pm$ 9.871 χ^2 /NDF: 8.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

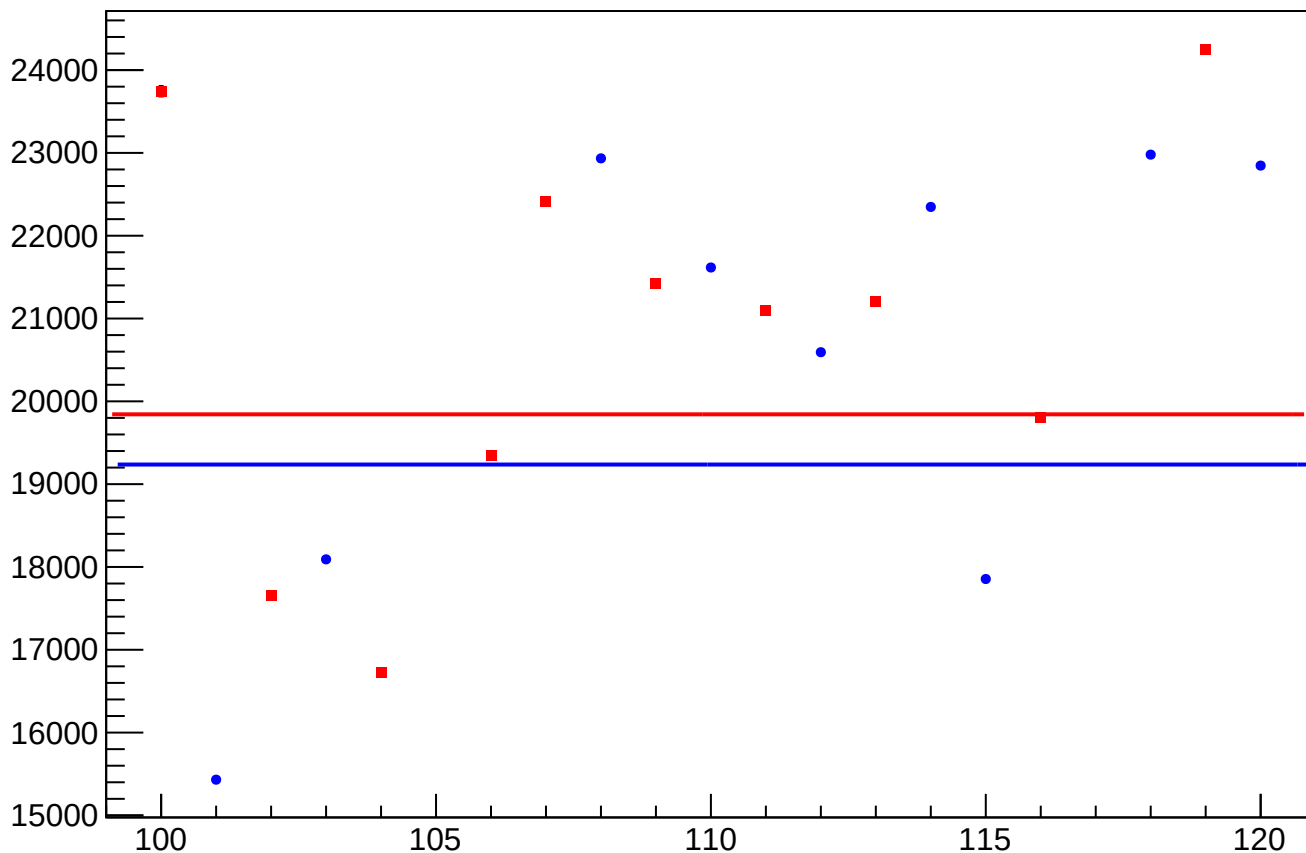
Right: 9.919 $\pm$ 7.079 χ^2 /NDF: 21.9/18

In: -2.515 $\pm$ 10.158 χ^2 /NDF:10.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 9.919 $\pm$ 7.079 χ^2 /NDF: 21.9/18

diff_bpmtargetsumX_rms vs Slug, Sign Corrected



Right In: 19236.832+/-7.183 χ^2/NDF : 170638.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19843.206+/-6.980 χ^2/NDF : 118498.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

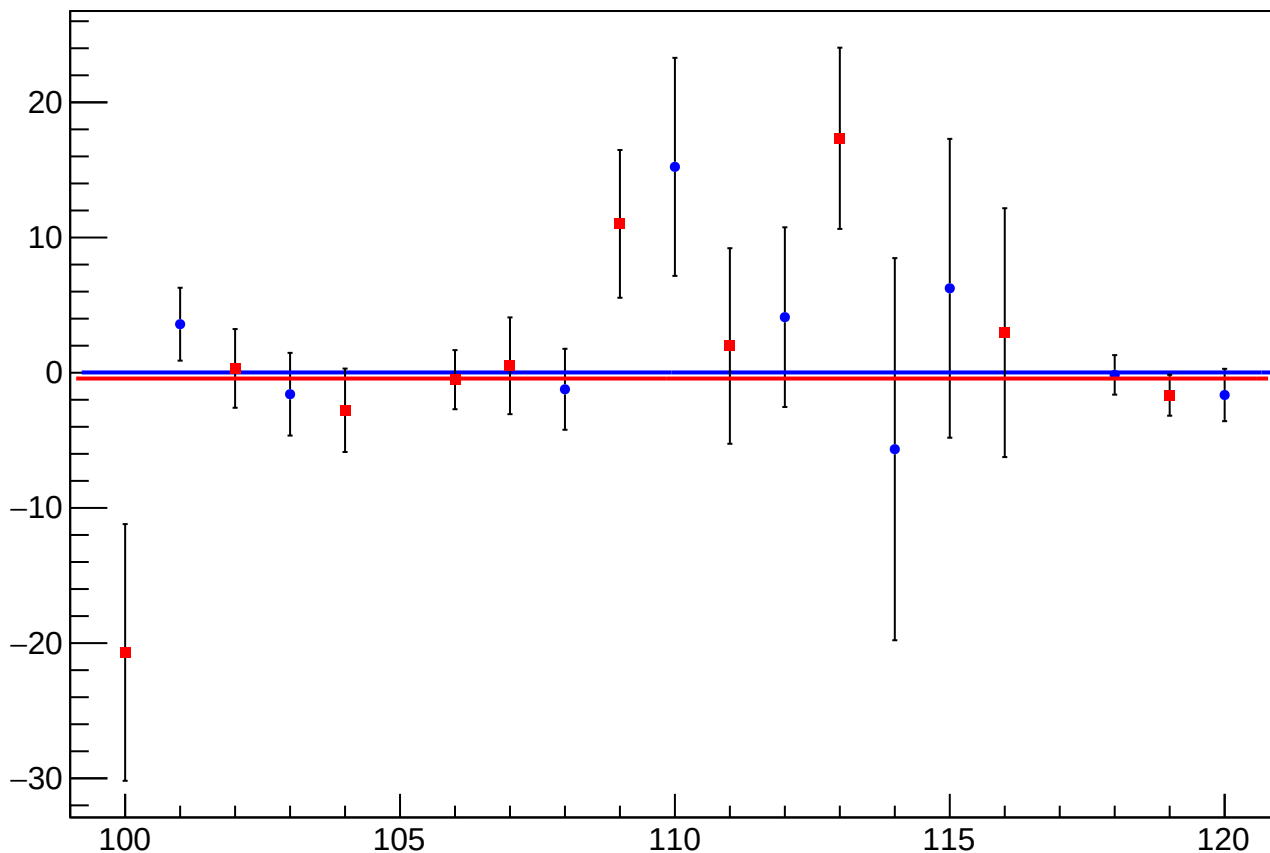
Right: 19548.706+/-5.006 χ^2/NDF : 292802.0/18

In: 19236.832+/-7.183 χ^2/NDF : 170638.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19548.706+/-5.006 χ^2/NDF : 292802.0/18

diff_bpmtargetdiffX_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.936 χ^2/NDF : 7.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.430+/-0.979 χ^2/NDF : 17.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

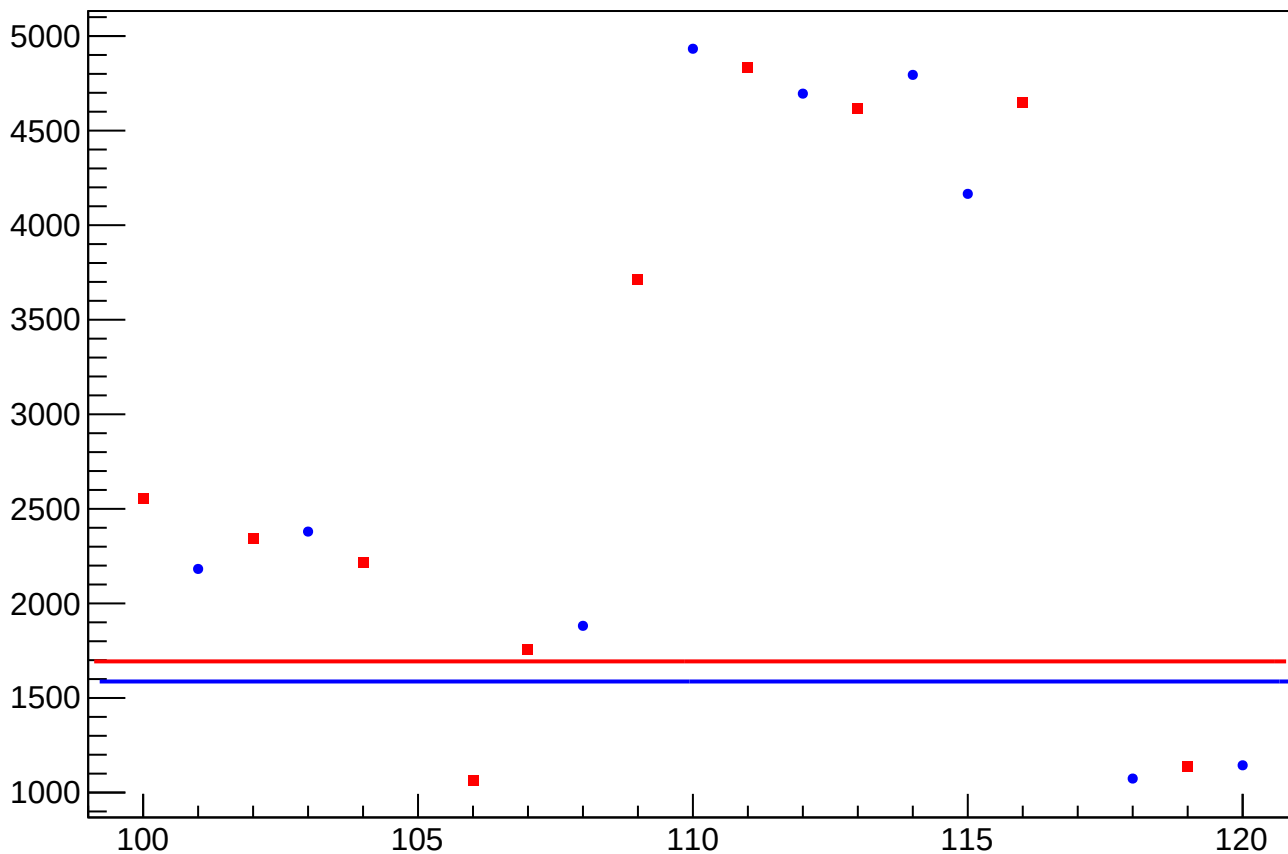
Right: -0.194+/-0.676 χ^2/NDF : 25.1/18

In: 0.021+/-0.936 χ^2/NDF : 7.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.194+/-0.676 χ^2/NDF : 25.1/18

diff_bpmtargetdiffX_rms vs Slug, Sign Corrected



Right In: 1587.205+/-0.662 χ^2/NDF : 1596008.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1693.480+/-0.692 χ^2/NDF : 1849008.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

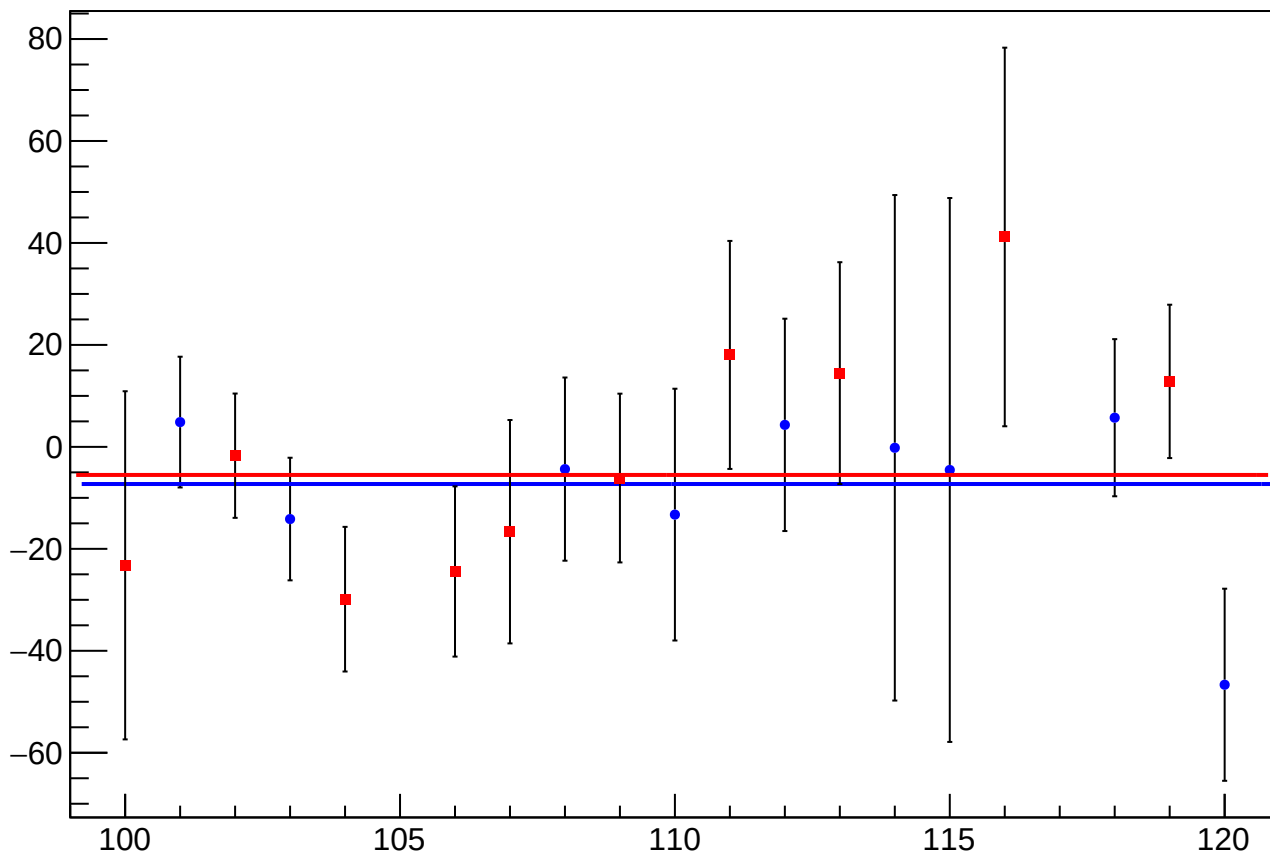
Right: 1637.955+/-0.478 χ^2/NDF : 3457334.1/18

In: 1587.205+/-0.662 χ^2/NDF : 1596008.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1637.955+/-0.478 χ^2/NDF : 3457334.1/18

diff_bpmtargetsumY_mean vs Slug, Sign Corrected



Right In: -7.285+/-5.995 χ^2/NDF : 6.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -5.506+/-5.667 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

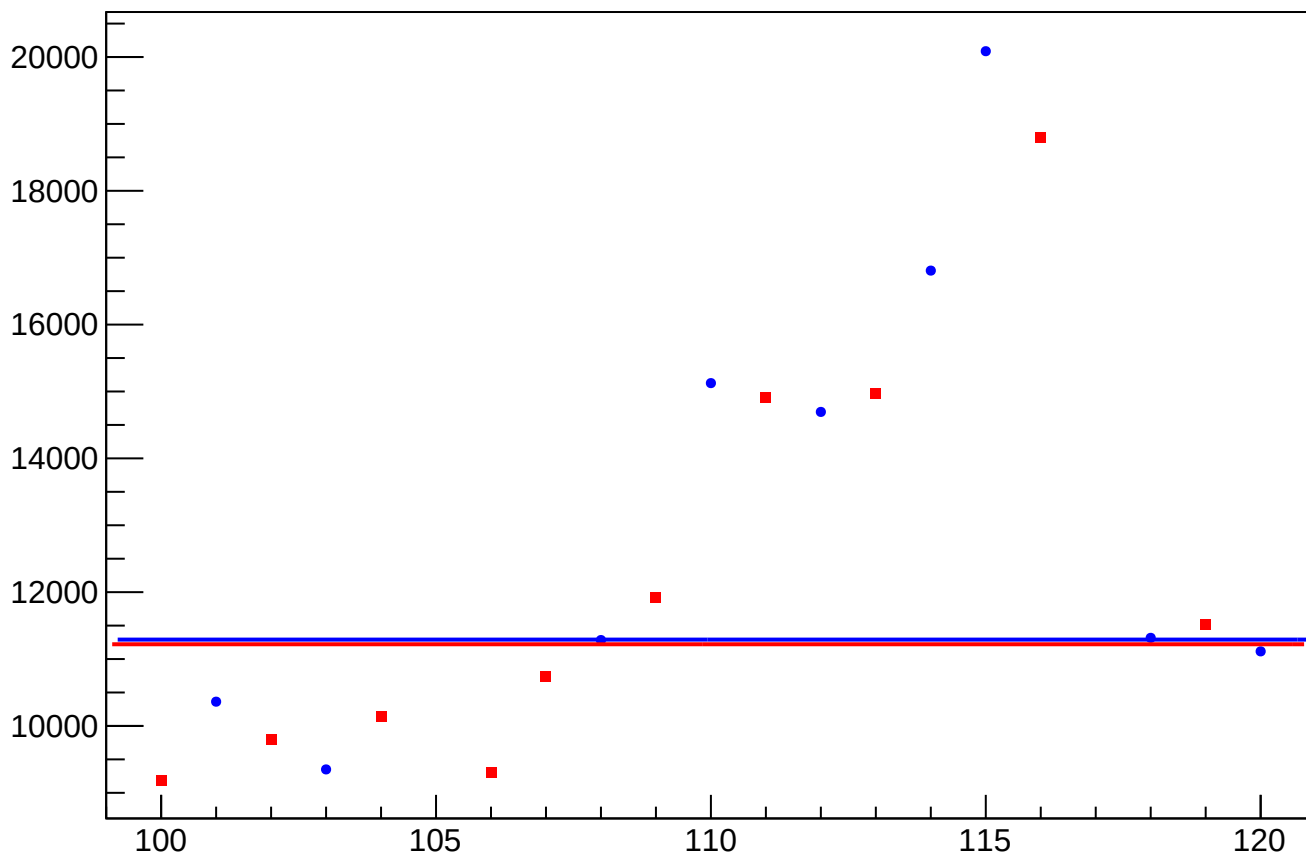
Right: -6.346+/-4.118 χ^2/NDF : 16.7/18

In: -7.285+/-5.995 χ^2/NDF :6.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.346+/-4.118 χ^2/NDF : 16.7/18

diff_bpmtargetsumY_rms vs Slug, Sign Corrected



Right In: 11290.788+/-4.239 χ^2/NDF : 243555.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 11221.043+/-4.007 χ^2/NDF : 275006.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

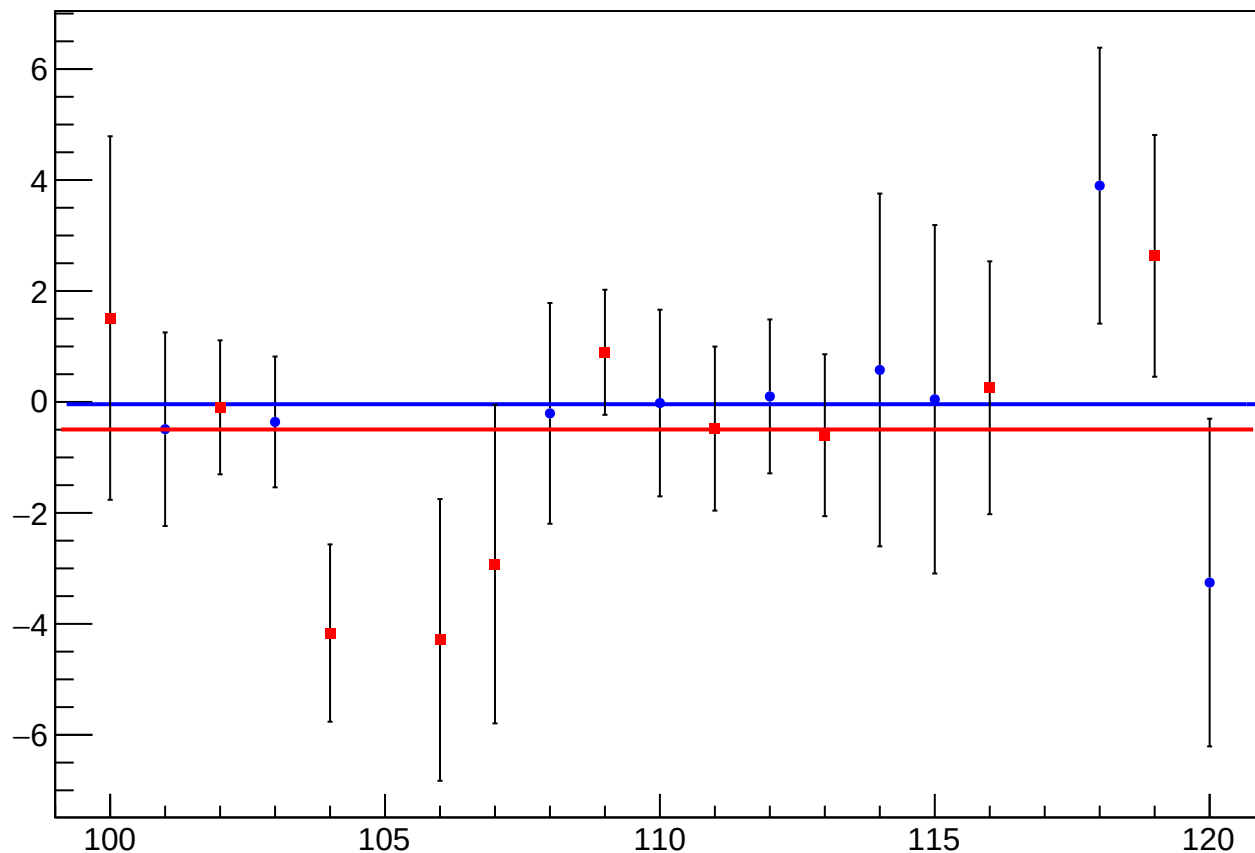
Right: 11253.960+/-2.912 χ^2/NDF : 518705.6/18

In: 11290.788+/-4.239 χ^2/NDF :243555.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 11253.960+/-2.912 χ^2/NDF : 518705.6/18

diff_bpmtargetdiffY_mean vs Slug, Sign Corrected



Right In: -0.041+/-0.614 χ^2/NDF : 3.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.496+/-0.530 χ^2/NDF : 12.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

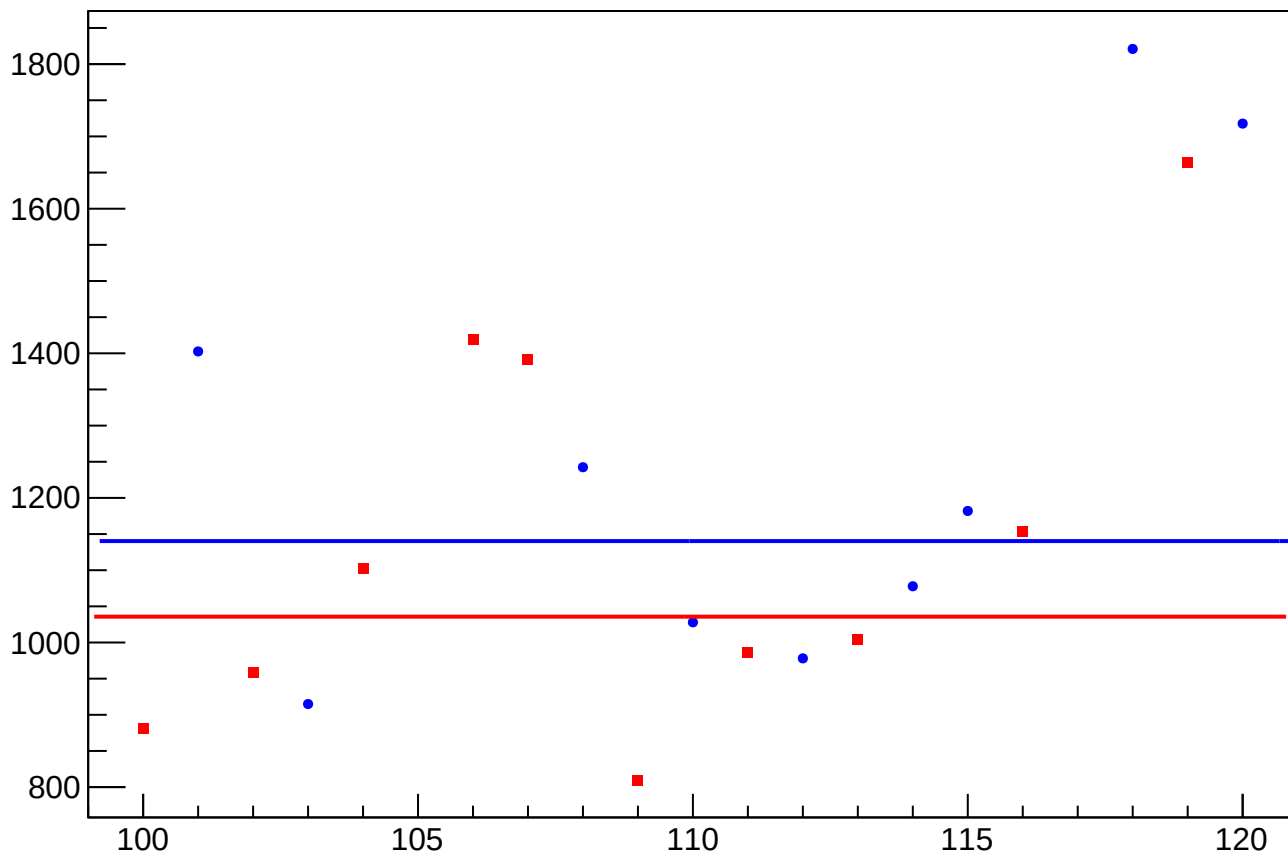
Right: -0.302+/-0.401 χ^2/NDF : 16.6/18

In: -0.041+/-0.614 χ^2/NDF :3.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.302+/-0.401 χ^2/NDF : 16.6/18

diff_bpmtargetdiffY_rms vs Slug, Sign Corrected



Right In: 1140.300+/-0.434 χ^2/NDF : 387308.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1035.753+/-0.374 χ^2/NDF : 347479.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

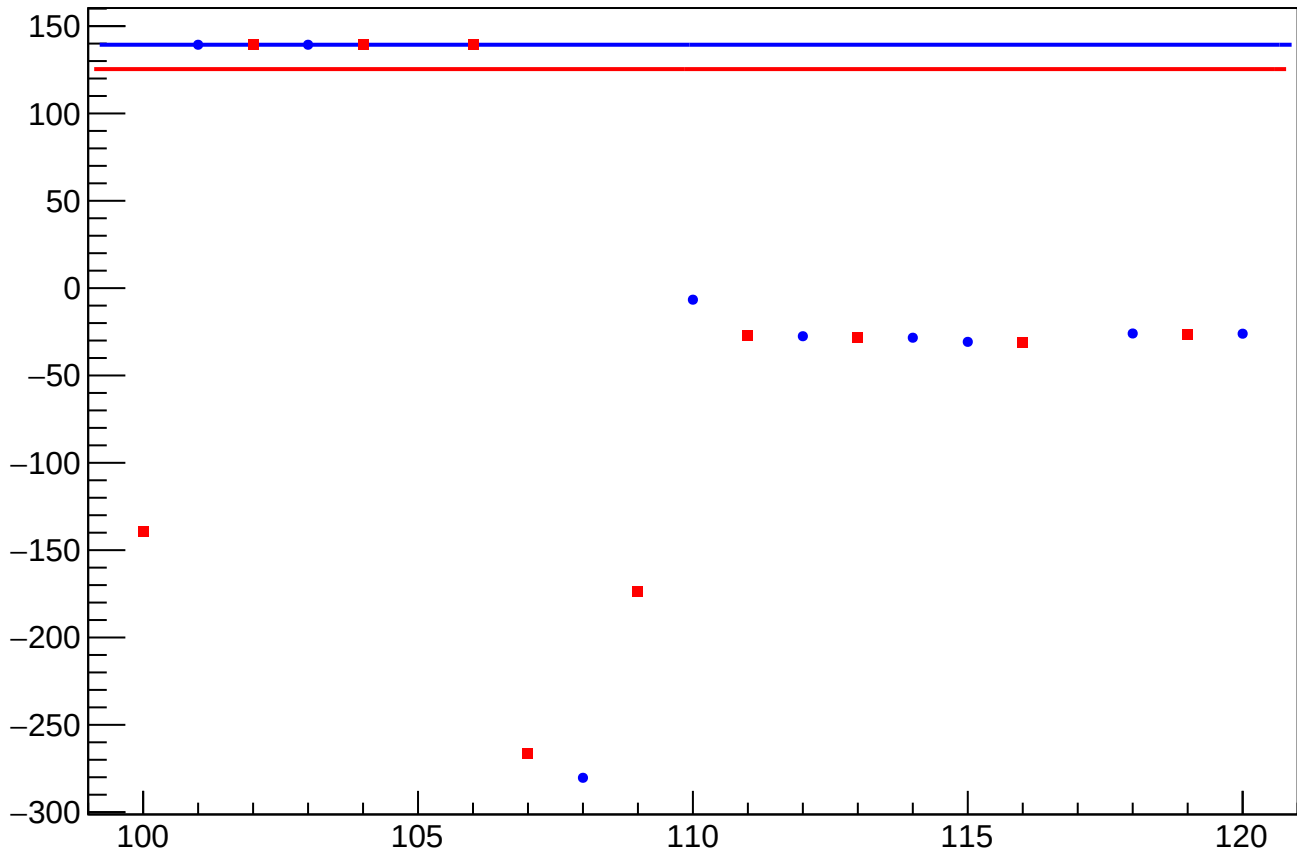
Right: 1080.336+/-0.284 χ^2/NDF : 768023.1/18

In: 1140.300+/-0.434 χ^2/NDF : 387308.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1080.336+/-0.284 χ^2/NDF : 768023.1/18

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 139.338+/-0.000 χ^2/NDF : 21029318767.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.392+/-0.000 χ^2/NDF : 774154302700549.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

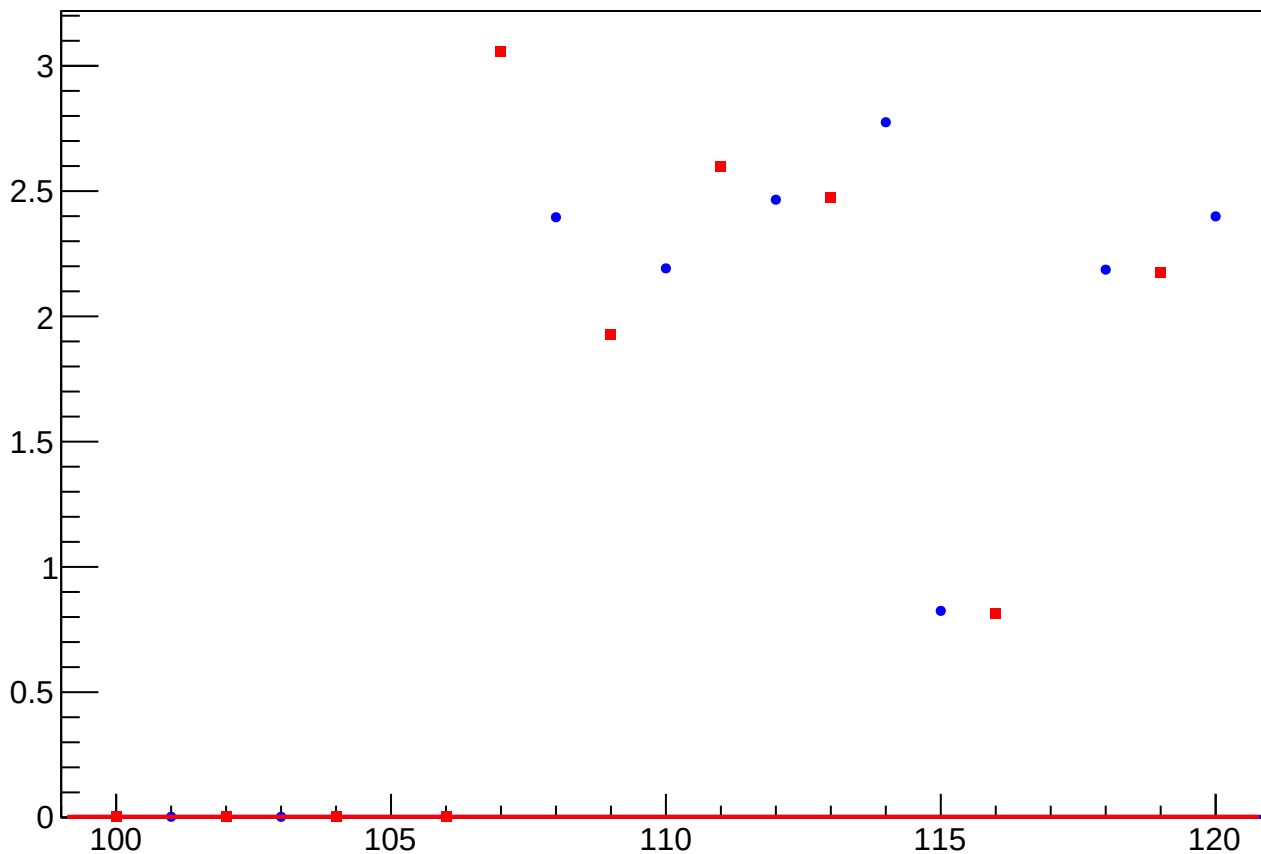
Right: 131.819+/-0.000 χ^2/NDF : 792960792638829

In: 139.338+/-0.000 χ^2/NDF : 21029318767.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.819+/-0.000 χ^2/NDF : 792960792638

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 3959041.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 4111873.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

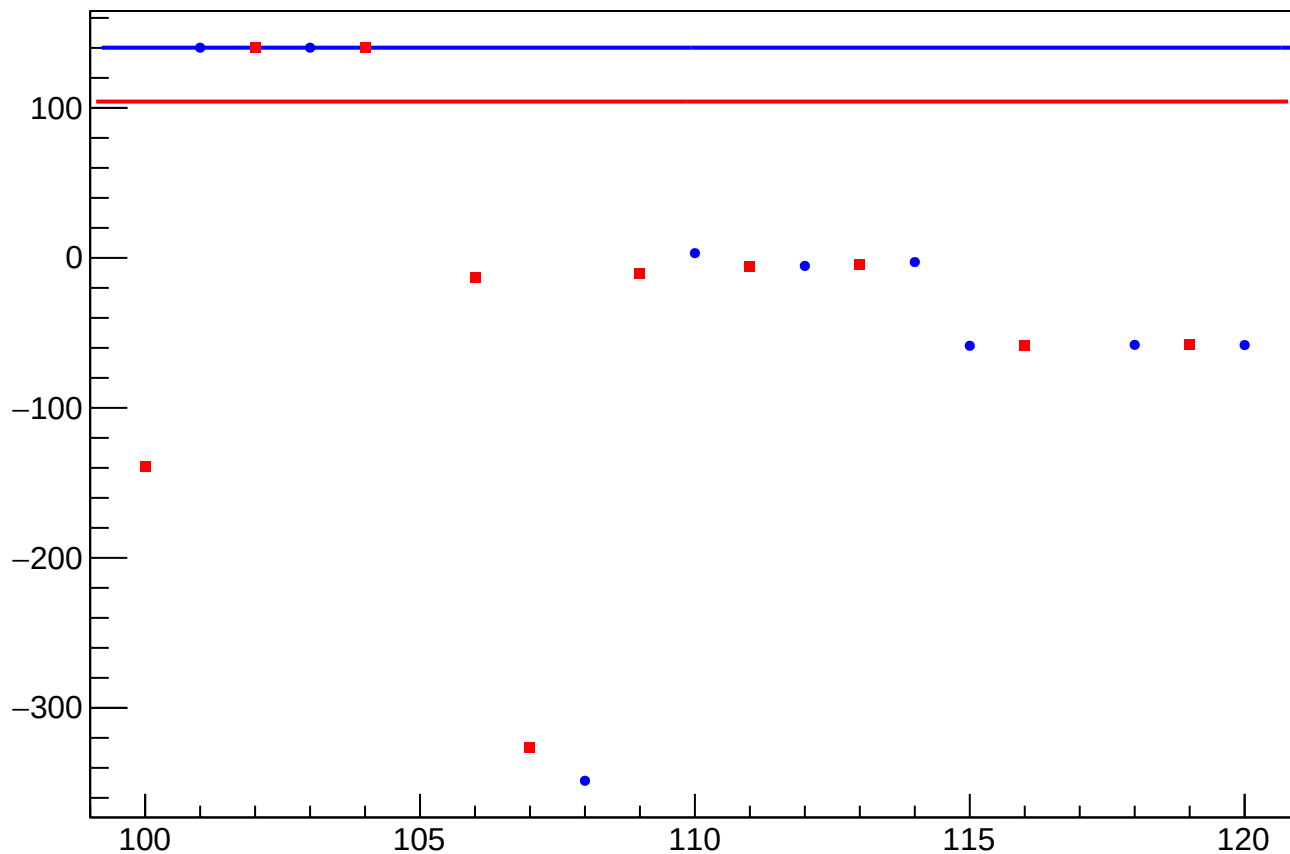
Right: 0.003+/-0.000 χ^2/NDF : 8071075.5/18

In: 0.003+/-0.000 χ^2/NDF :3959041.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

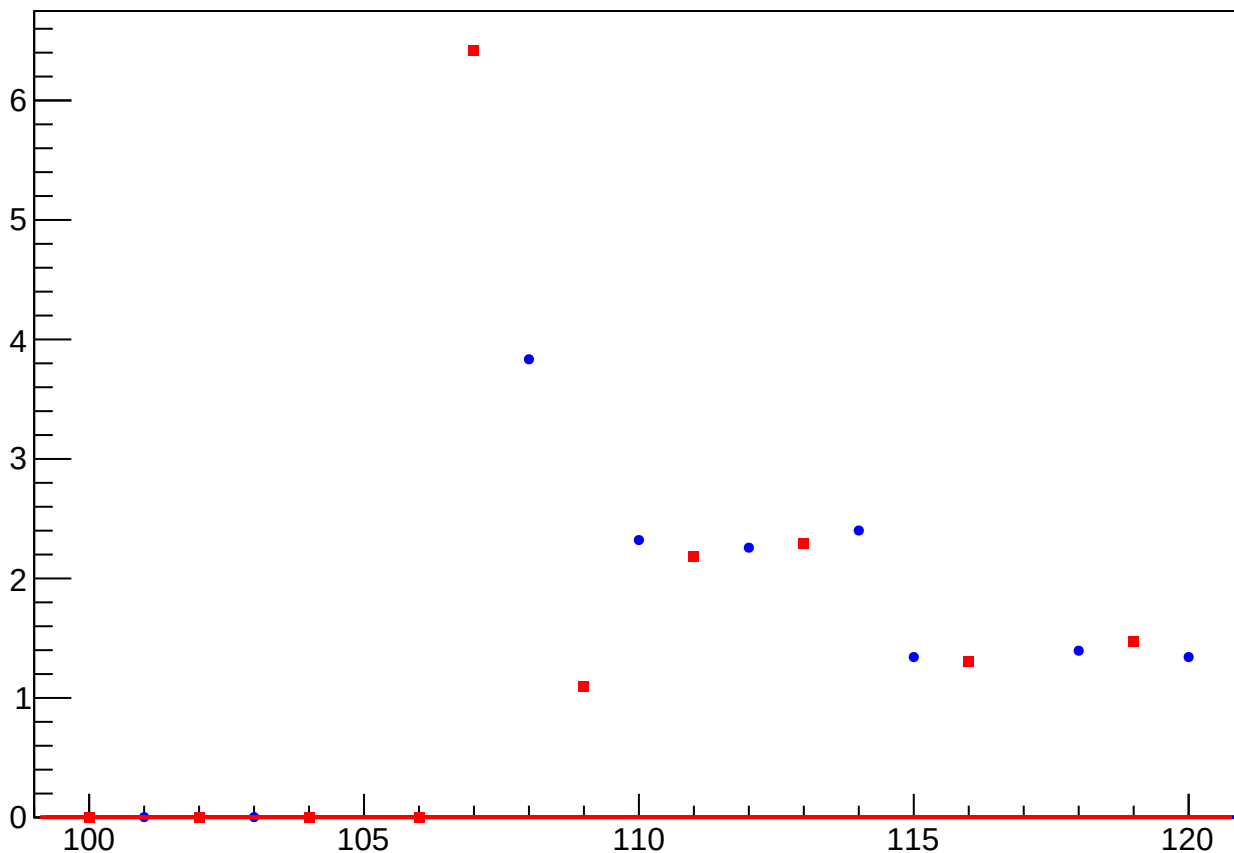
All: 0.003+/-0.000 χ^2/NDF : 8071075.5/18

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 140.148 $\pm$ 0.000 χ^2 /NDF: 28275692545.7/8
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 104.227 $\pm$ 0.000 χ^2 /NDF: 1257310486148506.8/9
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 120.835 $\pm$ 0.000 χ^2 /NDF: 138065487224650

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 4294445.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 4236572.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

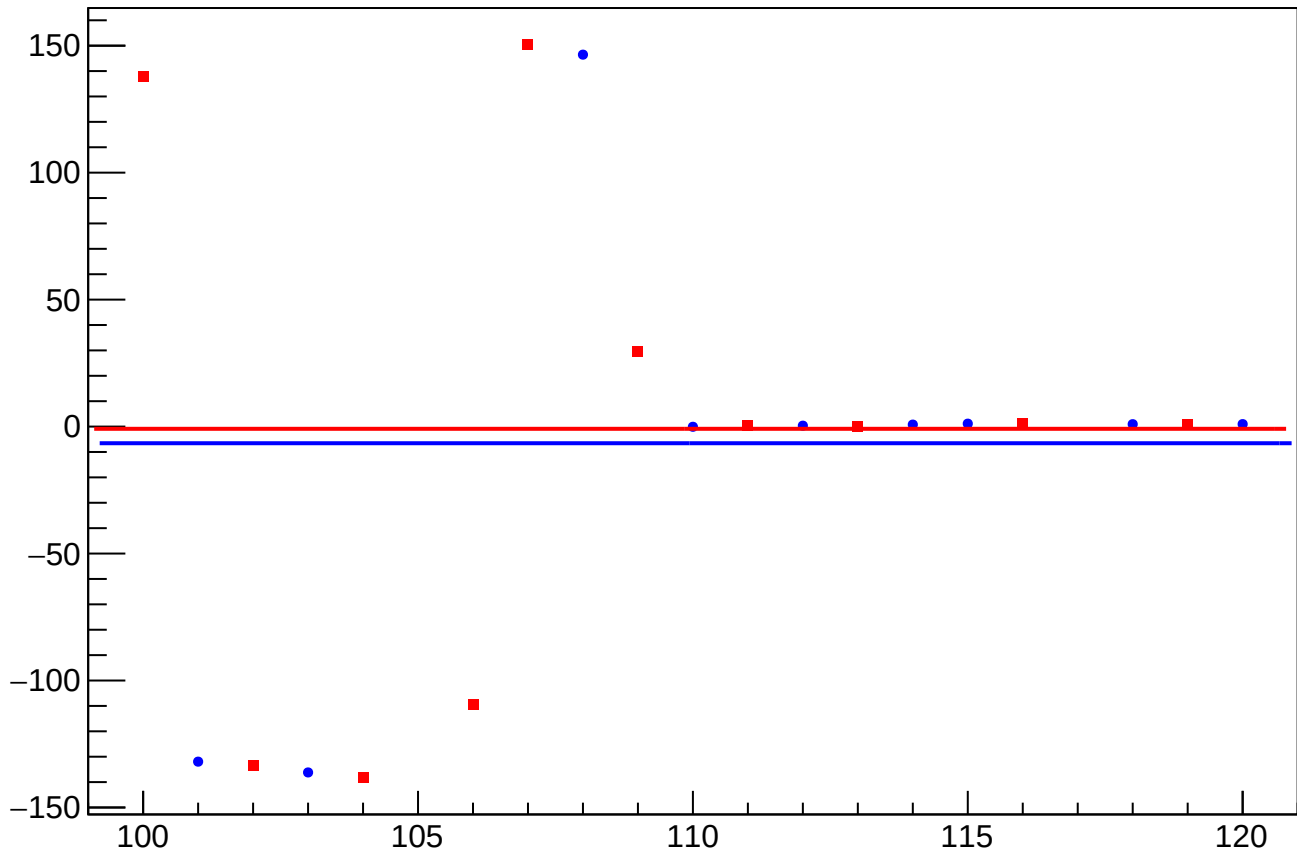
Right: 0.003+/-0.000 χ^2/NDF : 8531176.0/18

In: 0.003+/-0.000 χ^2/NDF :4294445.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 8531176.0/18

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -6.553+/-0.000 χ^2/NDF : 9687874943.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.875+/-0.000 χ^2/NDF : 3599249747.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

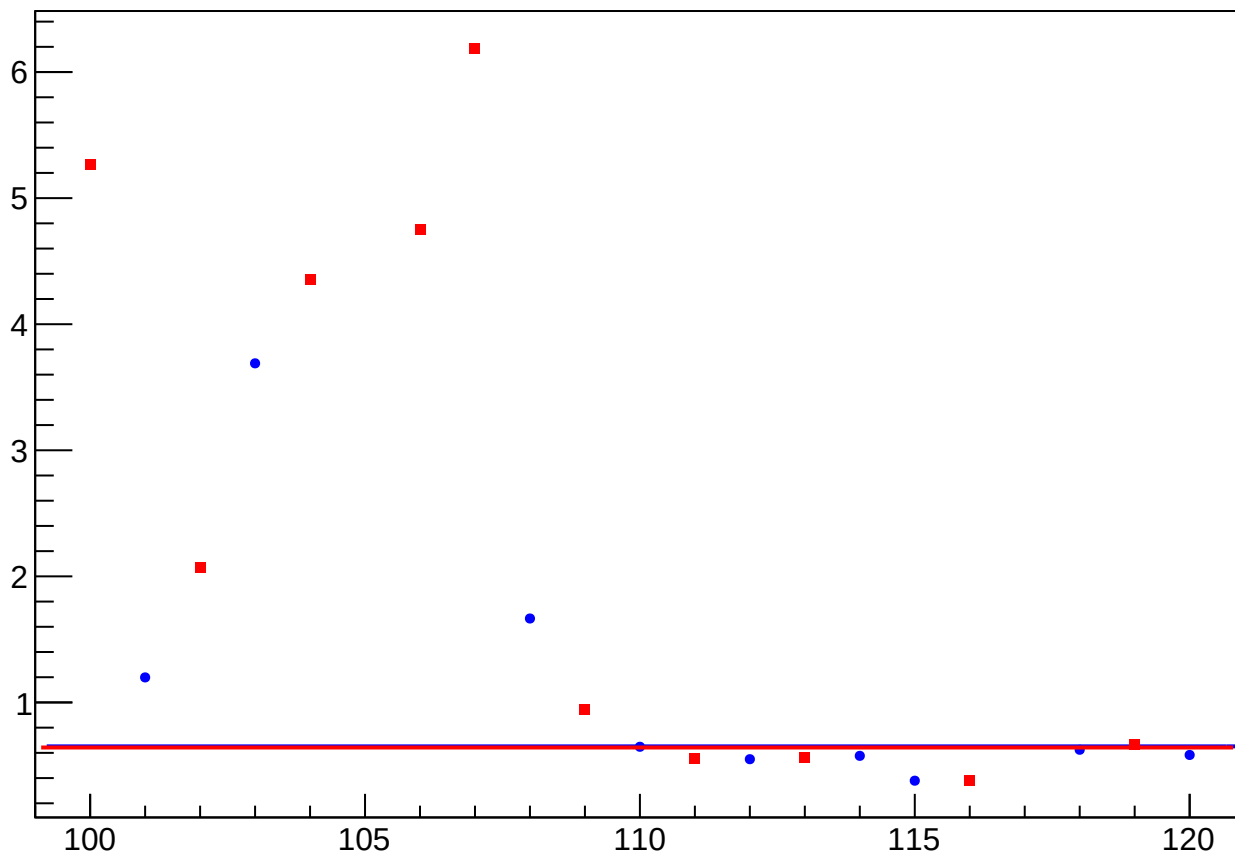
Right: -3.748+/-0.000 χ^2/NDF : 13378088016.3/18

In: -6.553+/-0.000 χ^2/NDF : 9687874943.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.748+/-0.000 χ^2/NDF : 13378088016.3/18

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.651+/-0.000 χ^2/NDF : 1273340.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.643+/-0.000 χ^2/NDF : 2285729.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

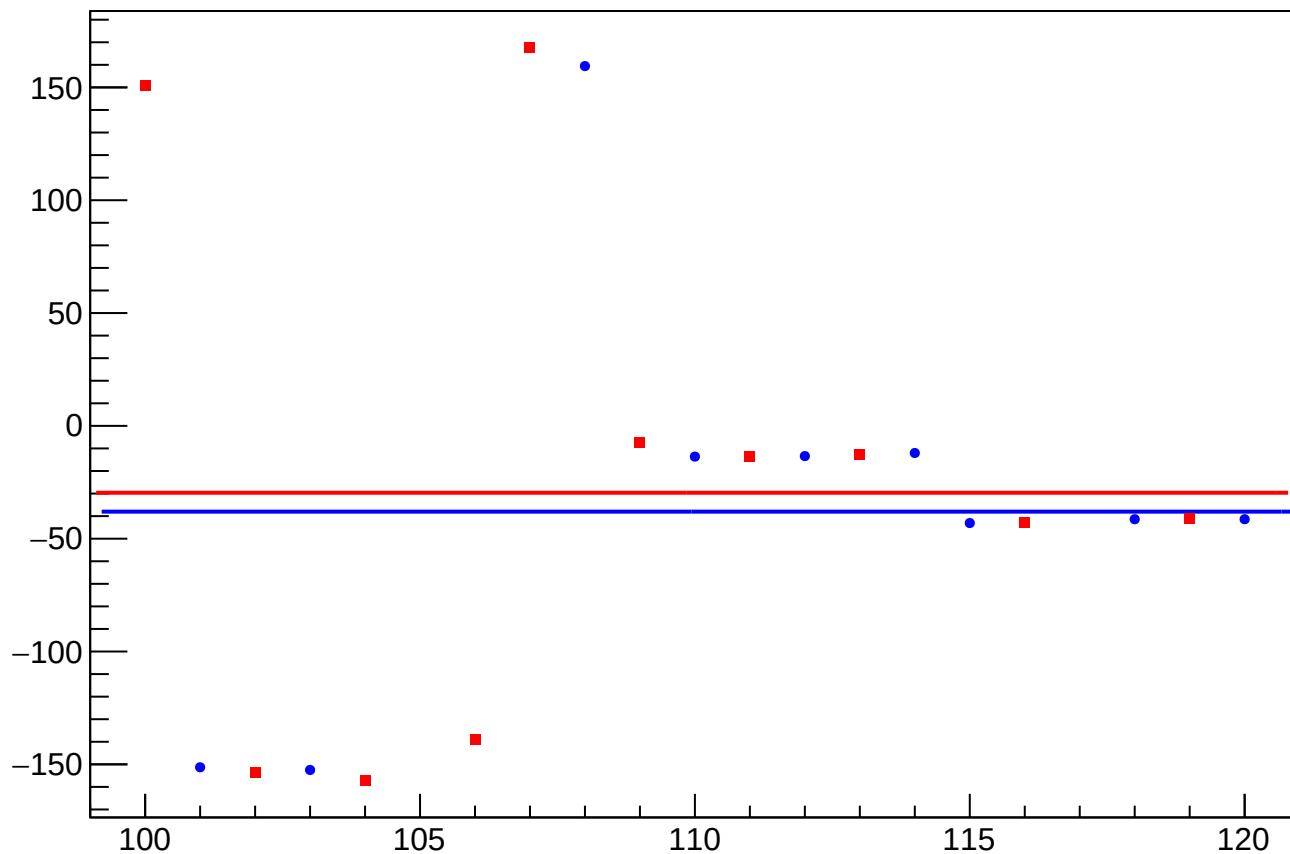
Right: 0.647+/-0.000 χ^2/NDF : 3559520.9/18

In: 0.651+/-0.000 χ^2/NDF : 1273340.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.647+/-0.000 χ^2/NDF : 3559520.9/18

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -38.008+/-0.001 χ^2/NDF : 3405255525.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -29.630+/-0.001 χ^2/NDF : 2035166590.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

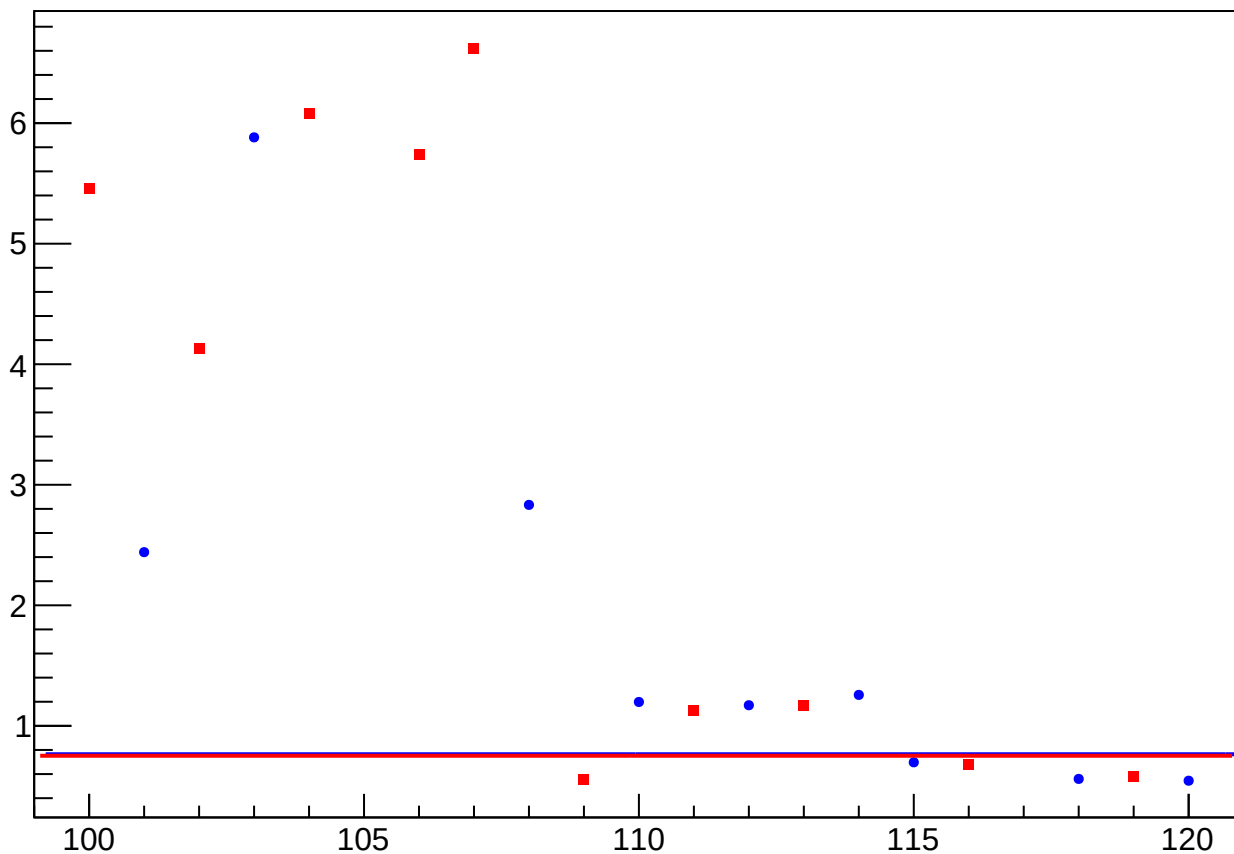
Right: -33.794+/-0.000 χ^2/NDF : 5575750376.5/18

In: -38.008+/-0.001 χ^2/NDF :3405255525.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -33.794+/-0.000 χ^2/NDF : 5575750376.5/18

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.764+/-0.000 χ^2/NDF : 2244646.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.752+/-0.000 χ^2/NDF : 2628274.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

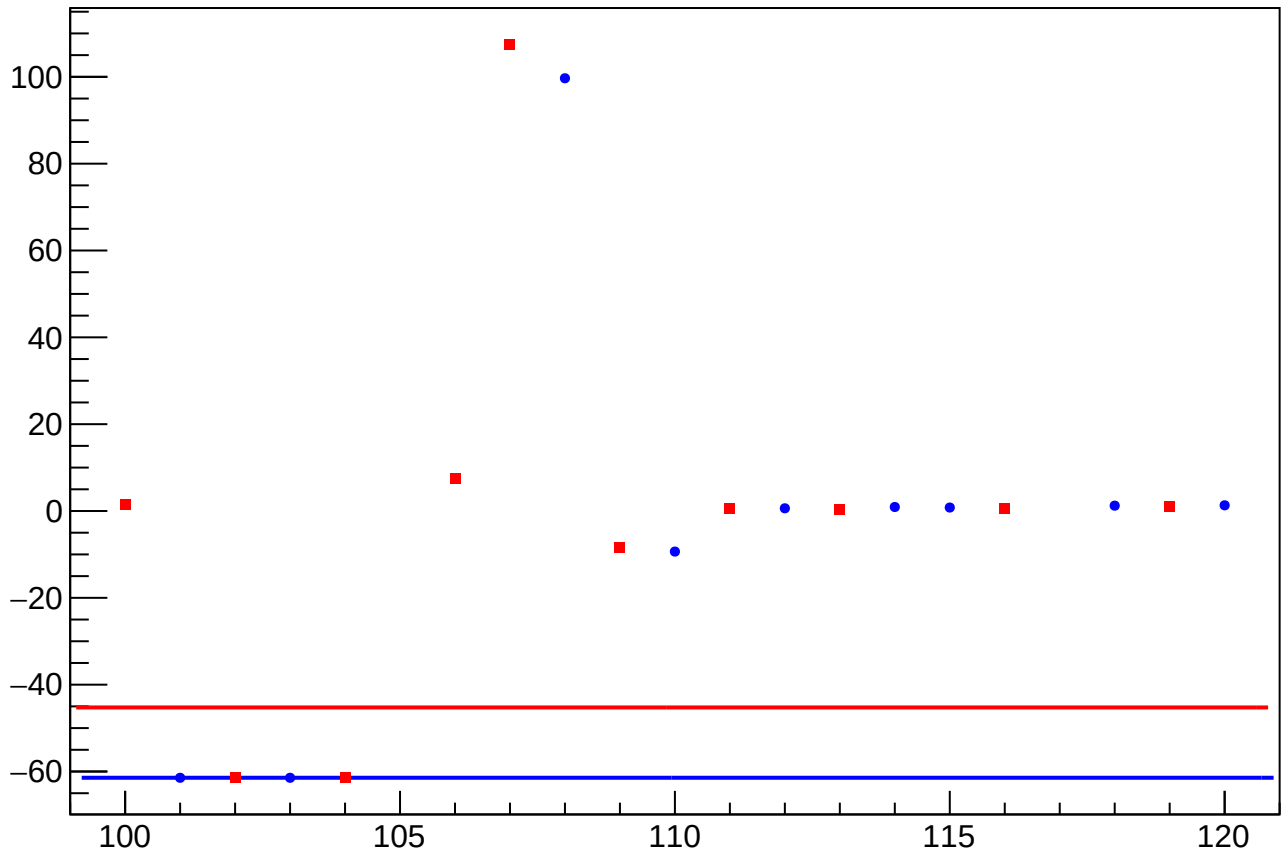
Right: 0.758+/-0.000 χ^2/NDF : 4873508.5/18

In: 0.764+/-0.000 χ^2/NDF : 2244646.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

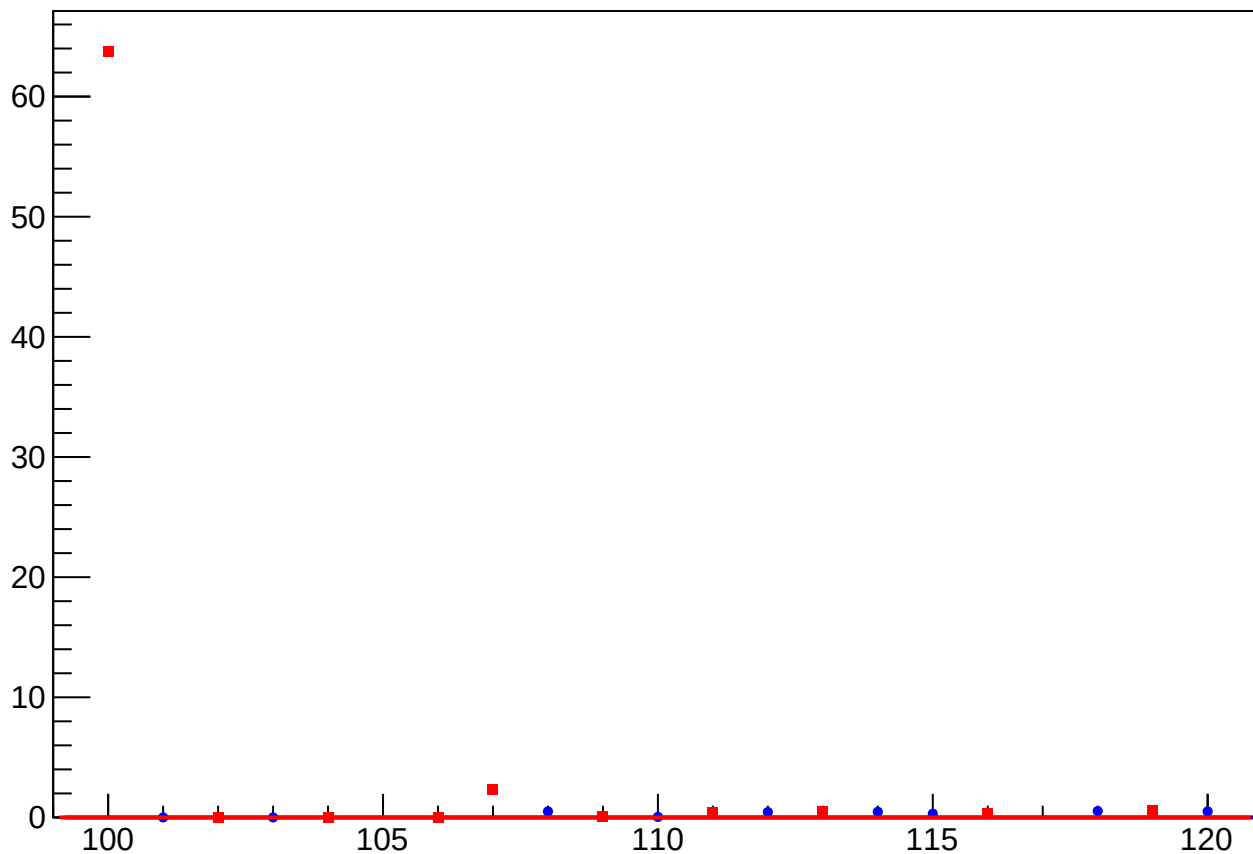
All: 0.758+/-0.000 χ^2/NDF : 4873508.5/18

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -61.439+/-0.000 χ^2/NDF : 213936101806.1/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -45.246+/-0.000 χ^2/NDF : 357845534437217.2/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -52.751+/-0.000 χ^2/NDF : 409044323735184

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 3611379.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3866944.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

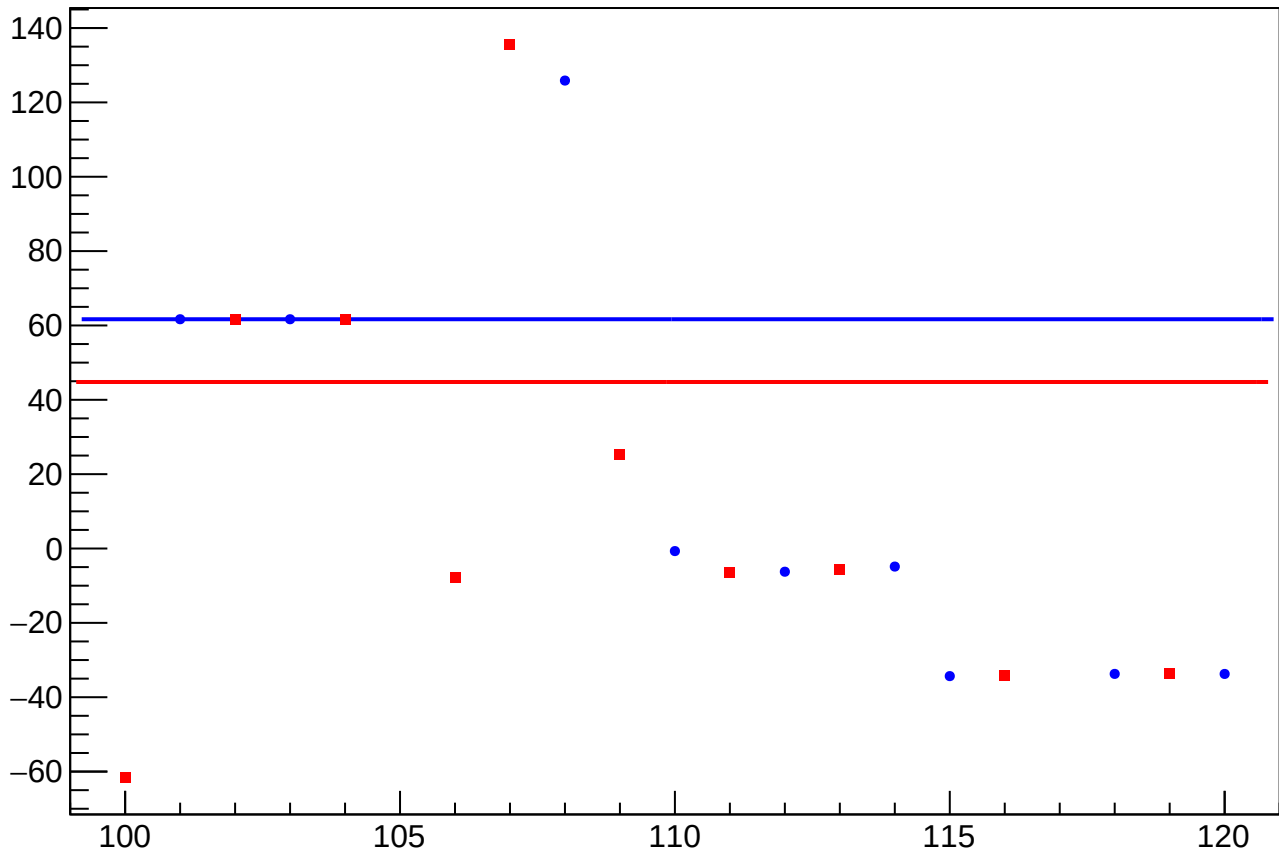
Right: 0.001+/-0.000 χ^2/NDF : 7478325.7/18

In: 0.001+/-0.000 χ^2/NDF : 3611379.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 7478325.7/18

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 61.671+/-0.000 χ^2/NDF : 71997987682.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.792+/-0.000 χ^2/NDF : 365902861274507.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

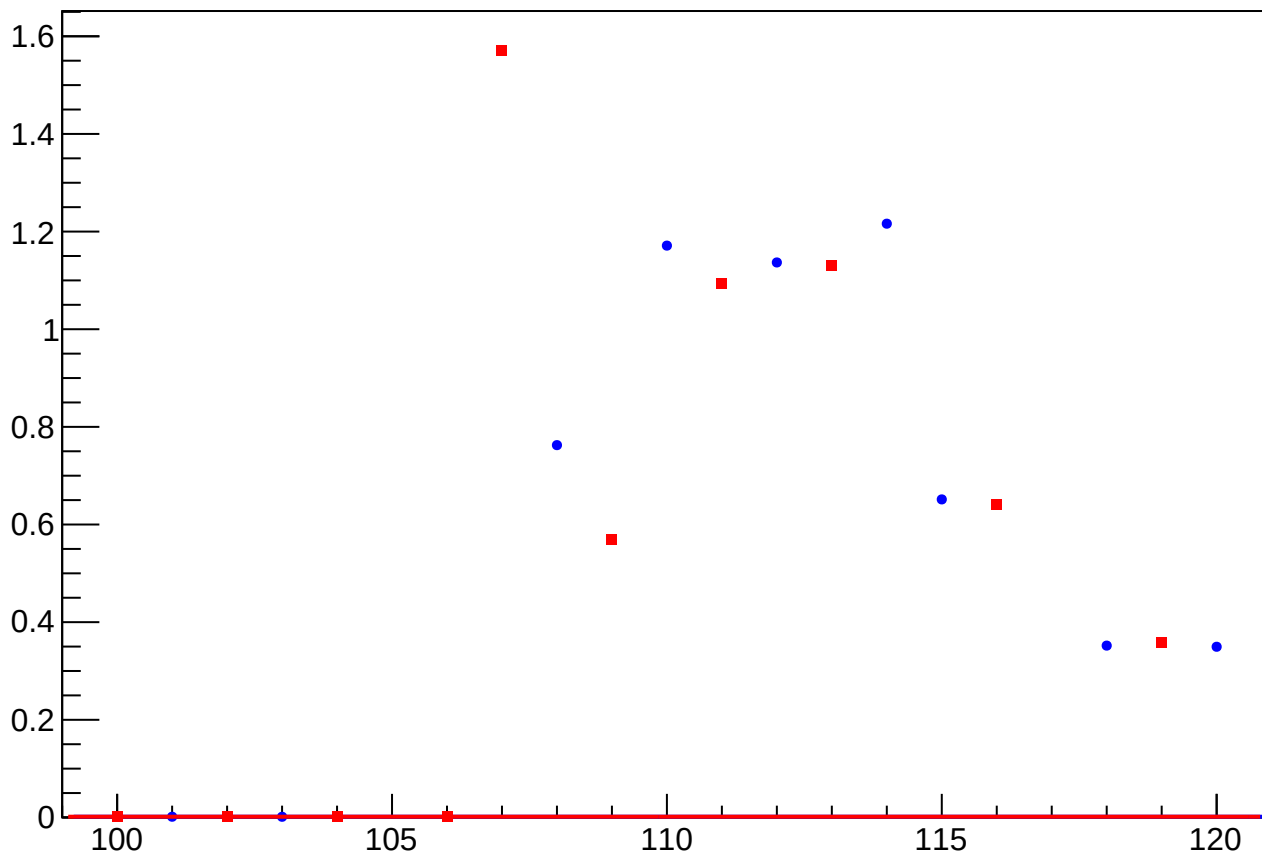
Right: 52.696+/-0.000 χ^2/NDF : 417091549649584.3

In: 61.671+/-0.000 χ^2/NDF : 71997987682.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.696+/-0.000 χ^2/NDF : 417091549649584.3

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 4457751.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 4272028.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

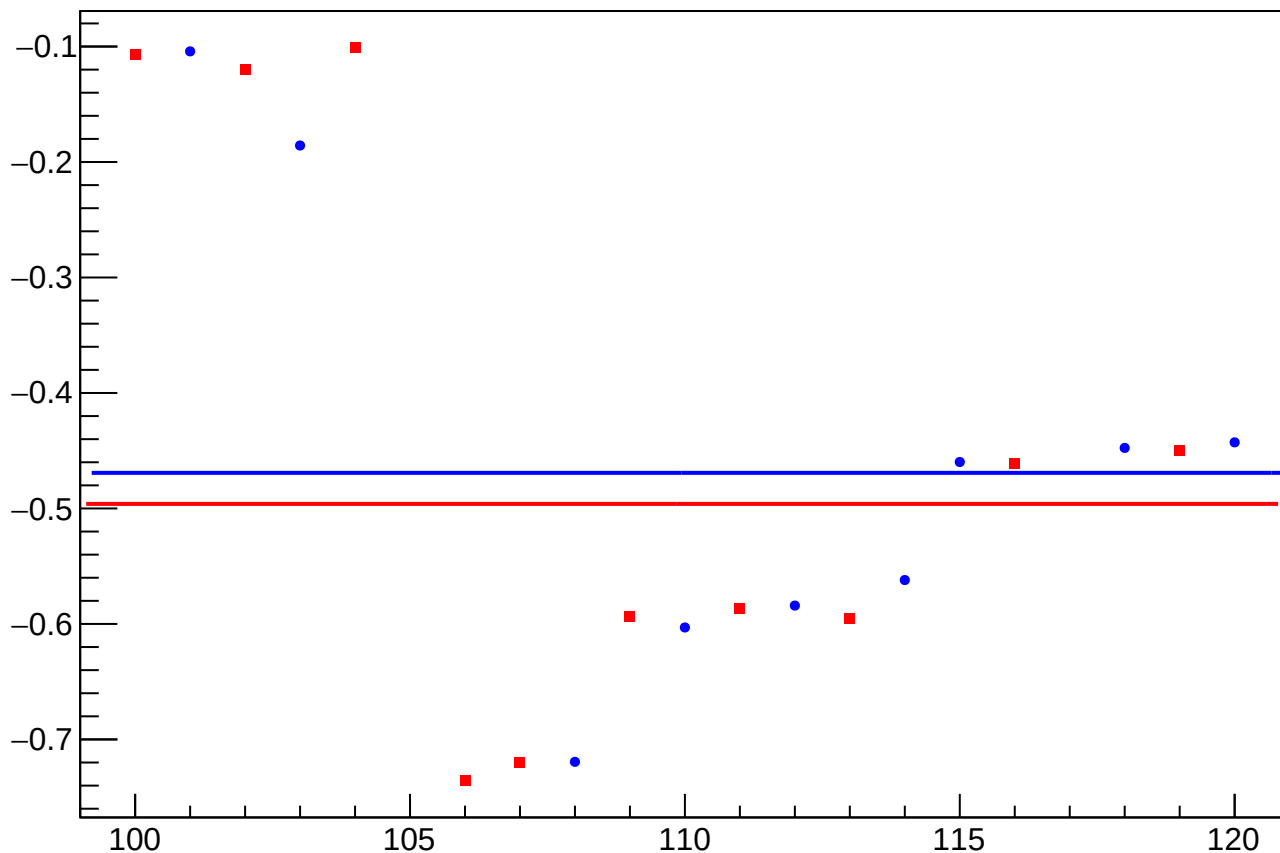
Right: 0.002+/-0.000 χ^2/NDF : 8729978.5/18

In: 0.001+/-0.000 χ^2/NDF :4457751.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 8729978.5/18

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.469+/-0.000 χ^2/NDF : 106311714.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.496+/-0.000 χ^2/NDF : 98986782.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

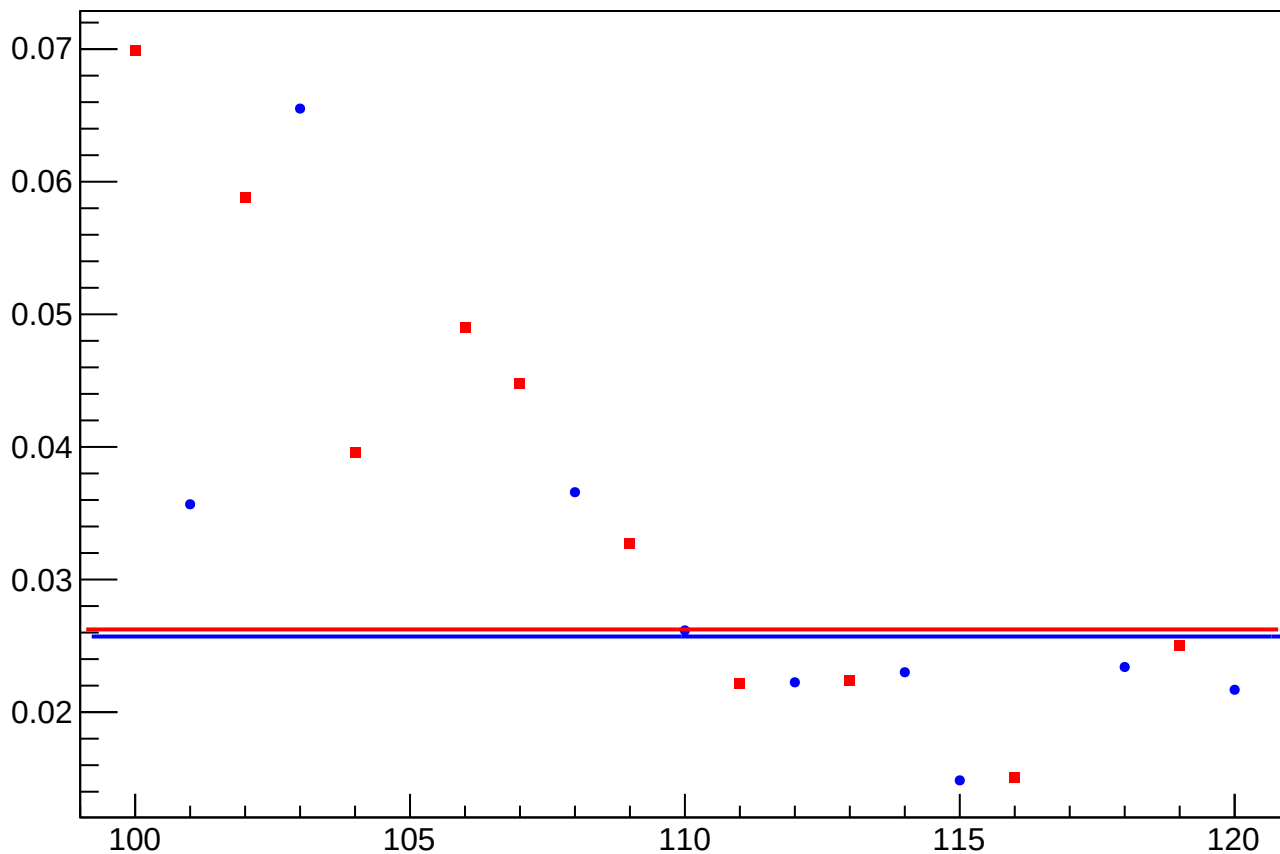
Right: -0.483+/-0.000 χ^2/NDF : 206837843.2/18

In: -0.469+/-0.000 χ^2/NDF :106311714.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.483+/-0.000 χ^2/NDF : 206837843.2/18

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.026+/-0.000 χ^2/NDF : 722850.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.026+/-0.000 χ^2/NDF : 966297.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

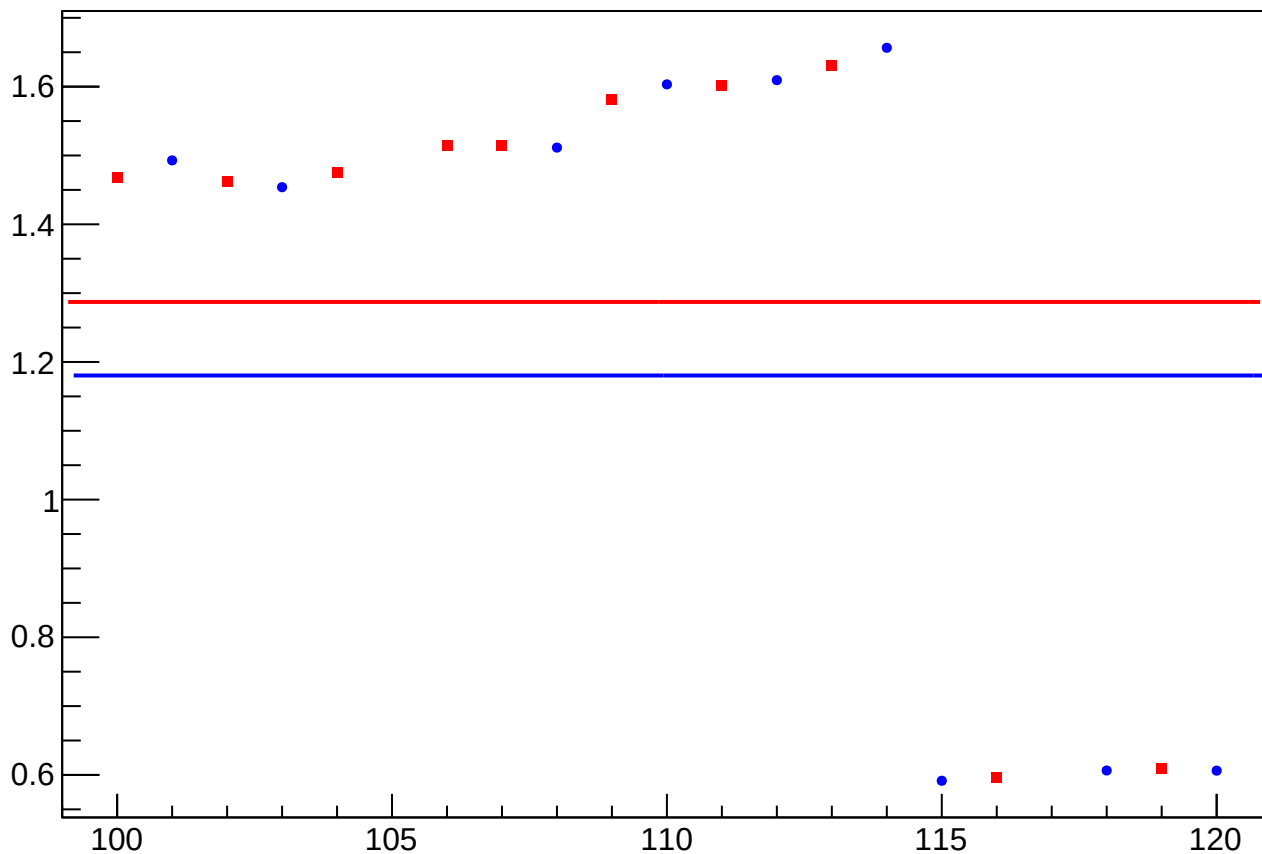
Right: 0.026+/-0.000 χ^2/NDF : 1690360.2/18

In: 0.026+/-0.000 χ^2/NDF : 722850.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.026+/-0.000 χ^2/NDF : 1690360.2/18

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 1.180+/-0.000 χ^2/NDF : 1771283918.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.287+/-0.000 χ^2/NDF : 1481598951.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

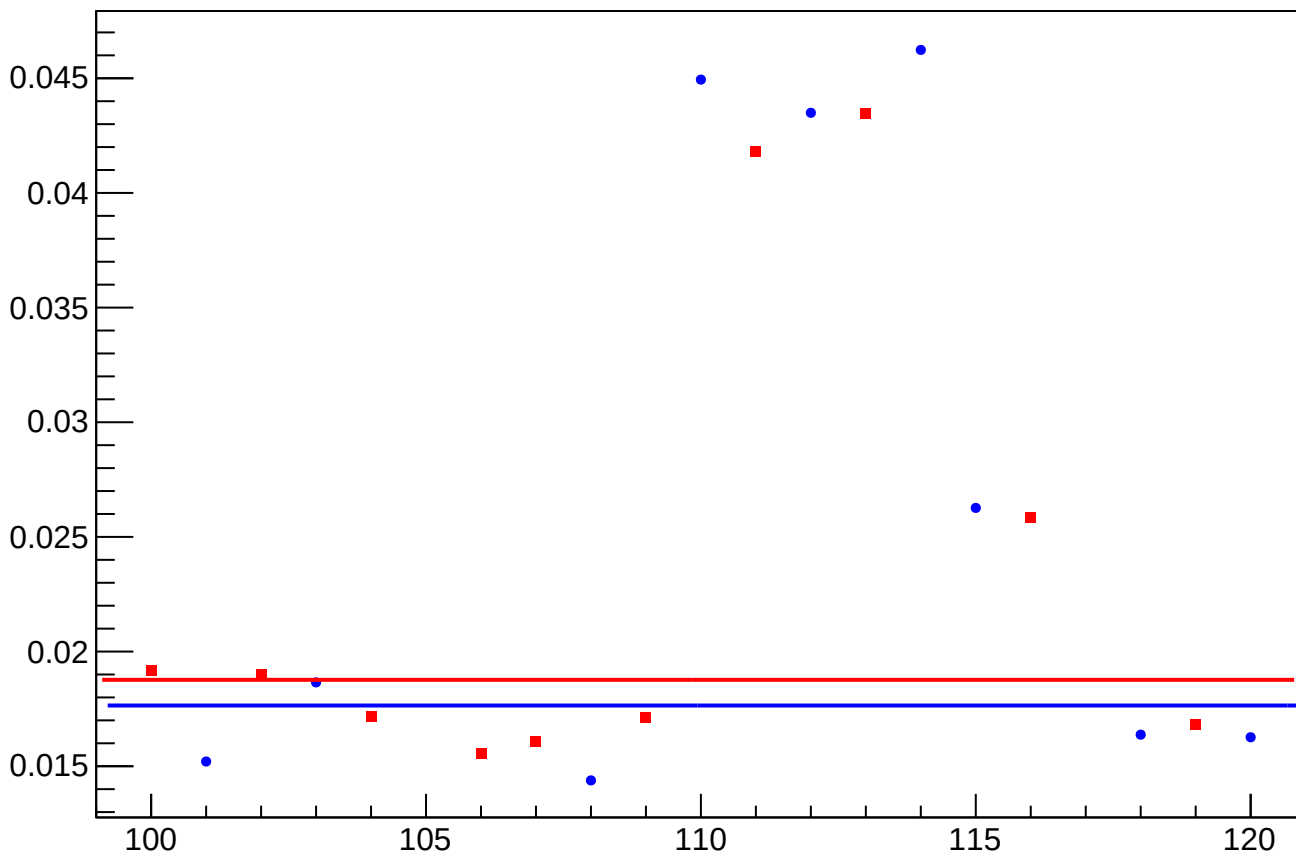
Right: 1.234+/-0.000 χ^2/NDF : 3308074338.7/18

In: 1.180+/-0.000 χ^2/NDF : 1771283918.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.234+/-0.000 χ^2/NDF : 3308074338.7/18

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 765425.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.019+/-0.000 χ^2/NDF : 646383.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

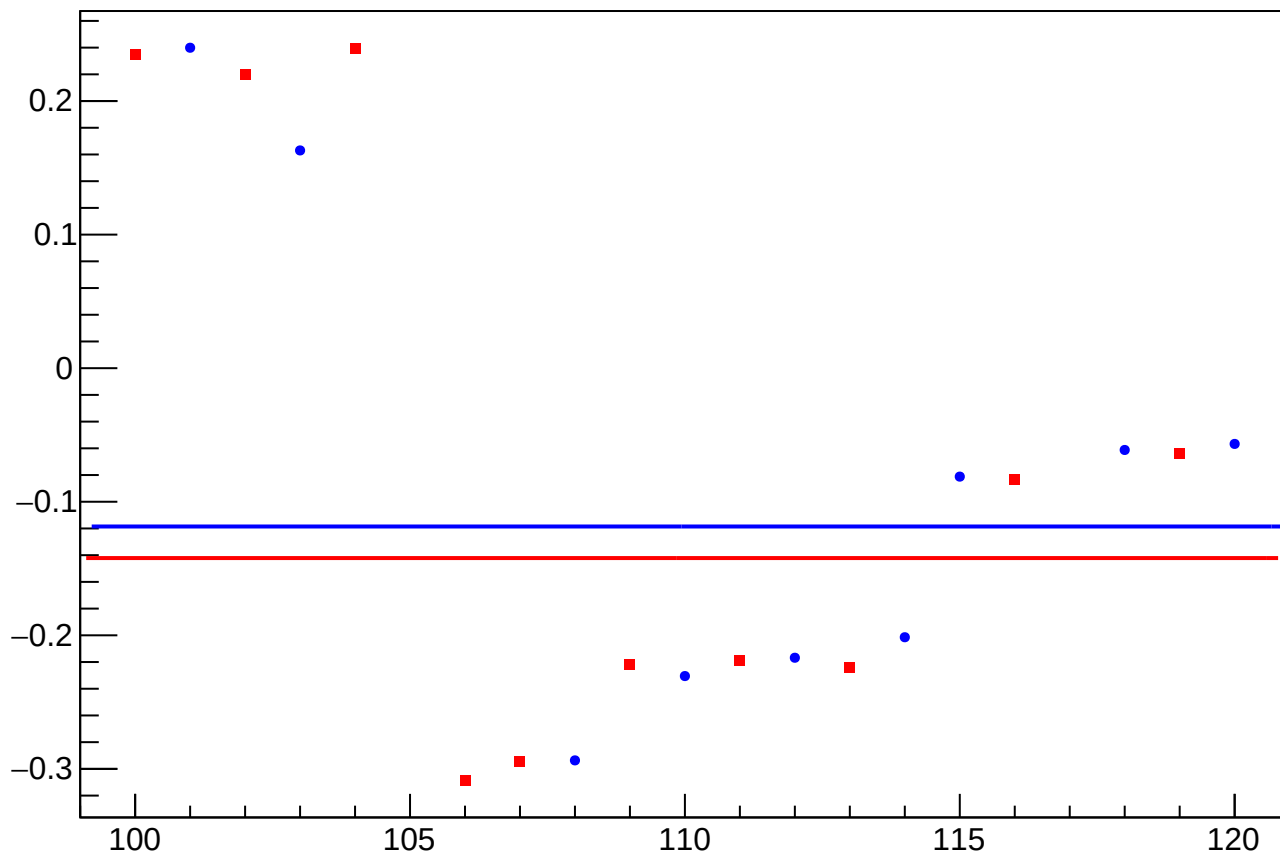
Right: 0.018+/-0.000 χ^2/NDF : 1423934.1/18

In: 0.018+/-0.000 χ^2/NDF : 765425.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.000 χ^2/NDF : 1423934.1/18

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.119+/-0.000 χ^2/NDF : 101975809.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.142+/-0.000 χ^2/NDF : 97127711.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

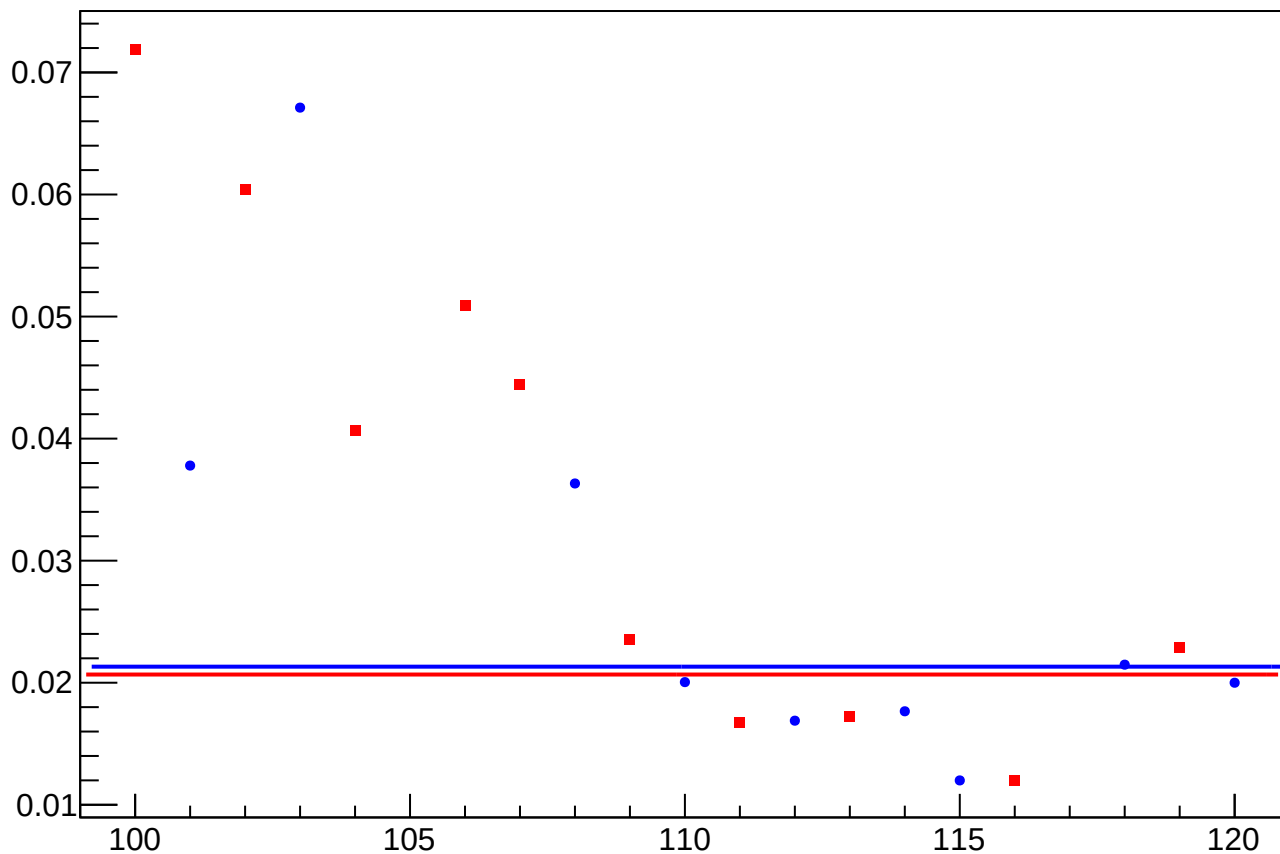
Right: -0.131+/-0.000 χ^2/NDF : 200818456.3/18

In: -0.119+/-0.000 χ^2/NDF :101975809.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.131+/-0.000 χ^2/NDF : 200818456.3/18

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.021+/-0.000 χ^2/NDF : 1050538.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.021+/-0.000 χ^2/NDF : 1351248.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

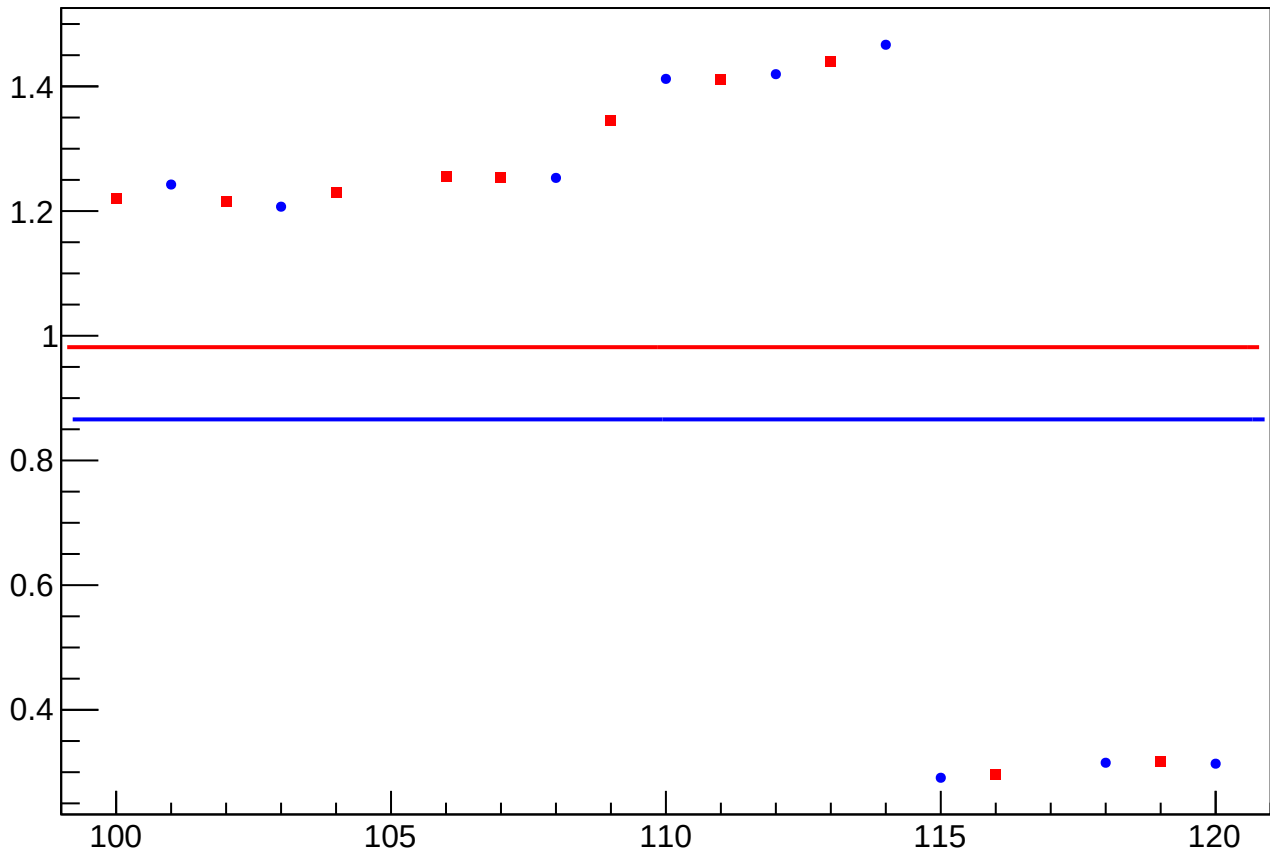
Right: 0.021+/-0.000 χ^2/NDF : 2404335.4/18

In: 0.021+/-0.000 χ^2/NDF :1050538.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.021+/-0.000 χ^2/NDF : 2404335.4/18

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.866+/-0.000 χ^2/NDF : 3304238423.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.982+/-0.000 χ^2/NDF : 2680237306.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

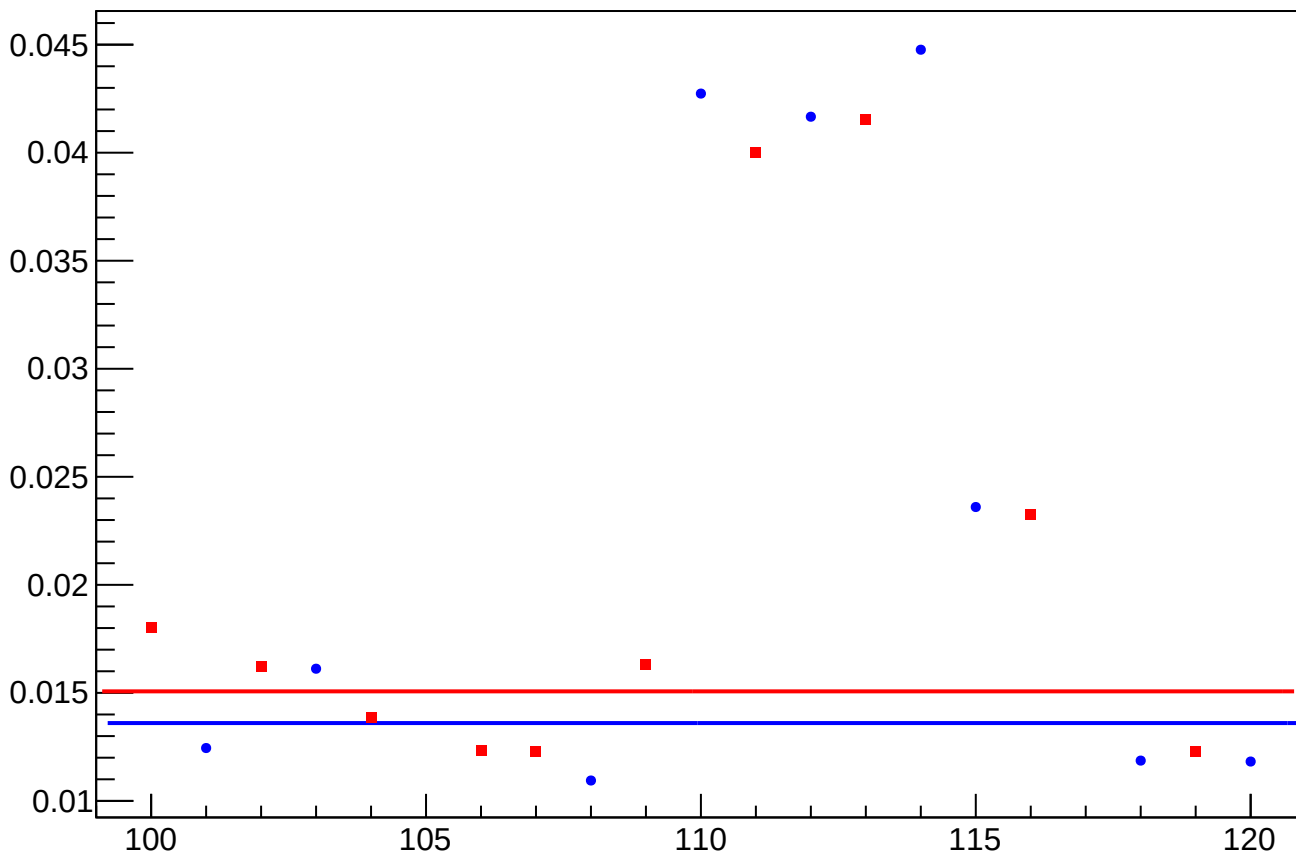
Right: 0.921+/-0.000 χ^2/NDF : 6084600890.3/18

In: 0.866+/-0.000 χ^2/NDF :3304238423.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.921+/-0.000 χ^2/NDF : 6084600890.3/18

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 992708.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 873395.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

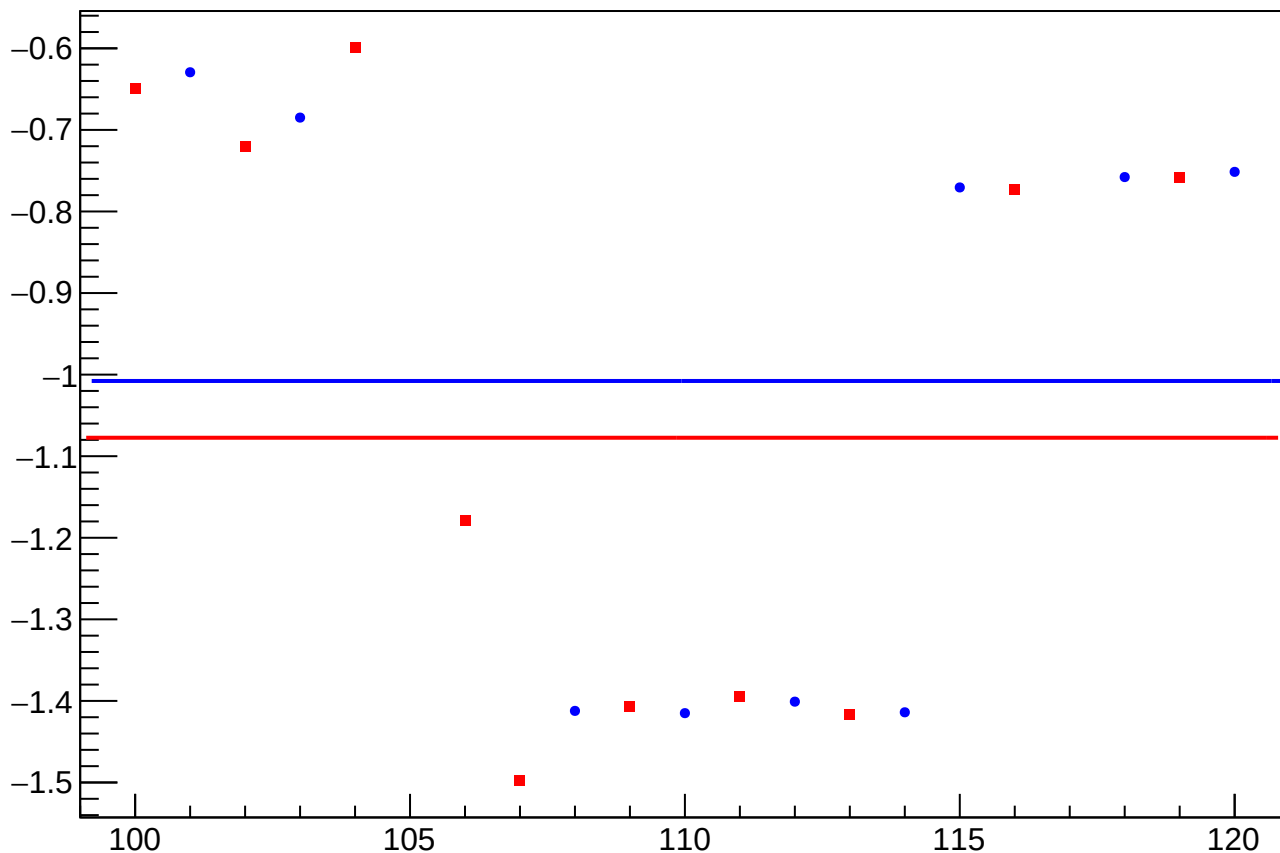
Right: 0.014+/-0.000 χ^2/NDF : 1898234.7/18

In: 0.014+/-0.000 χ^2/NDF :992708.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.000 χ^2/NDF : 1898234.7/18

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.008+/-0.000 χ^2/NDF : 487615245.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.077+/-0.000 χ^2/NDF : 501551121.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

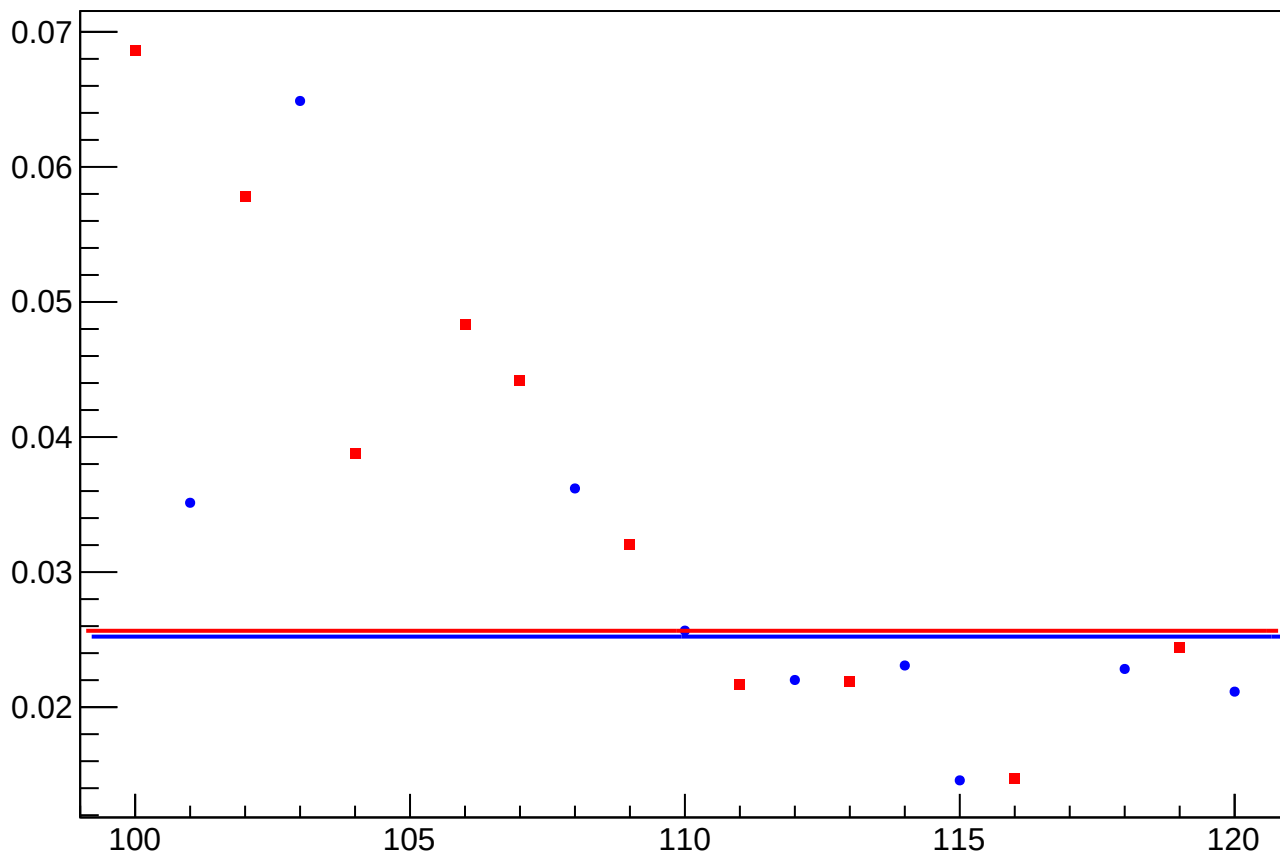
Right: -1.043+/-0.000 χ^2/NDF : 999884148.2/18

In: -1.008+/-0.000 χ^2/NDF :487615245.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.043+/-0.000 χ^2/NDF : 999884148.2/18

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.025+/-0.000 χ^2/NDF : 729267.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.026+/-0.000 χ^2/NDF : 973876.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

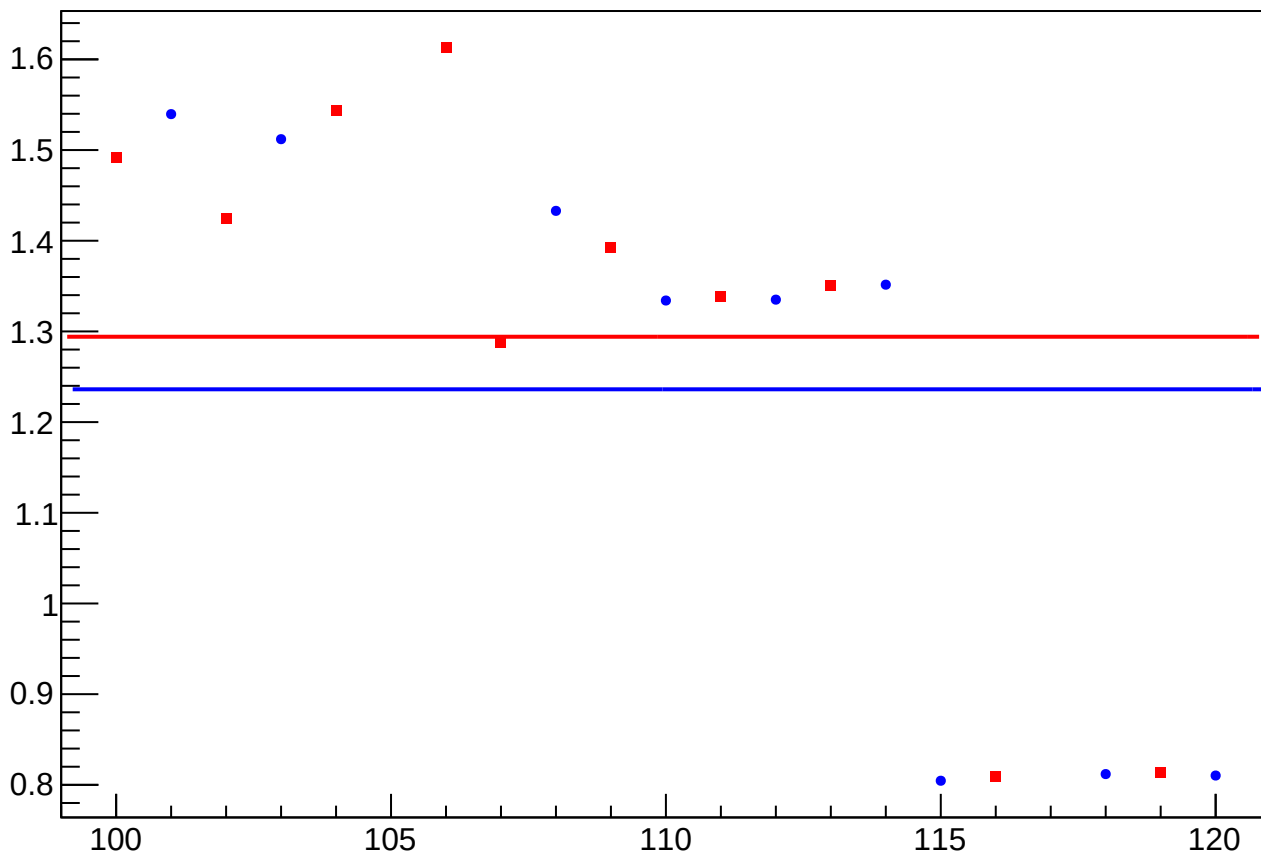
Right: 0.025+/-0.000 χ^2/NDF : 1703968.7/18

In: 0.025+/-0.000 χ^2/NDF : 729267.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.000 χ^2/NDF : 1703968.7/18

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 1.236+/-0.000 χ^2/NDF : 1012588241.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.294+/-0.000 χ^2/NDF : 813721235.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

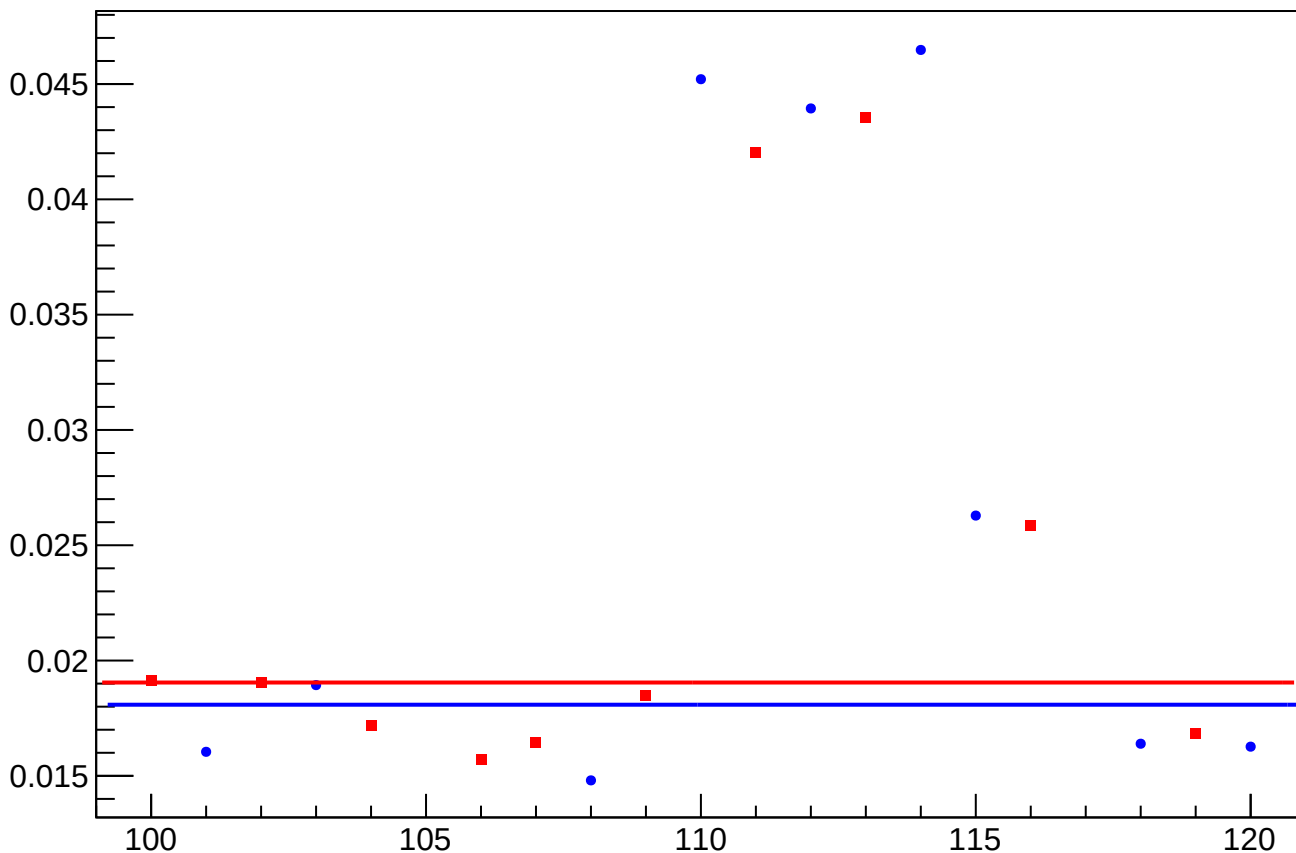
Right: 1.265+/-0.000 χ^2/NDF : 1841895761.9/18

In: 1.236+/-0.000 χ^2/NDF : 1012588241.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.265+/-0.000 χ^2/NDF : 1841895761.9/18

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 741684.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.019+/-0.000 χ^2/NDF : 634264.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

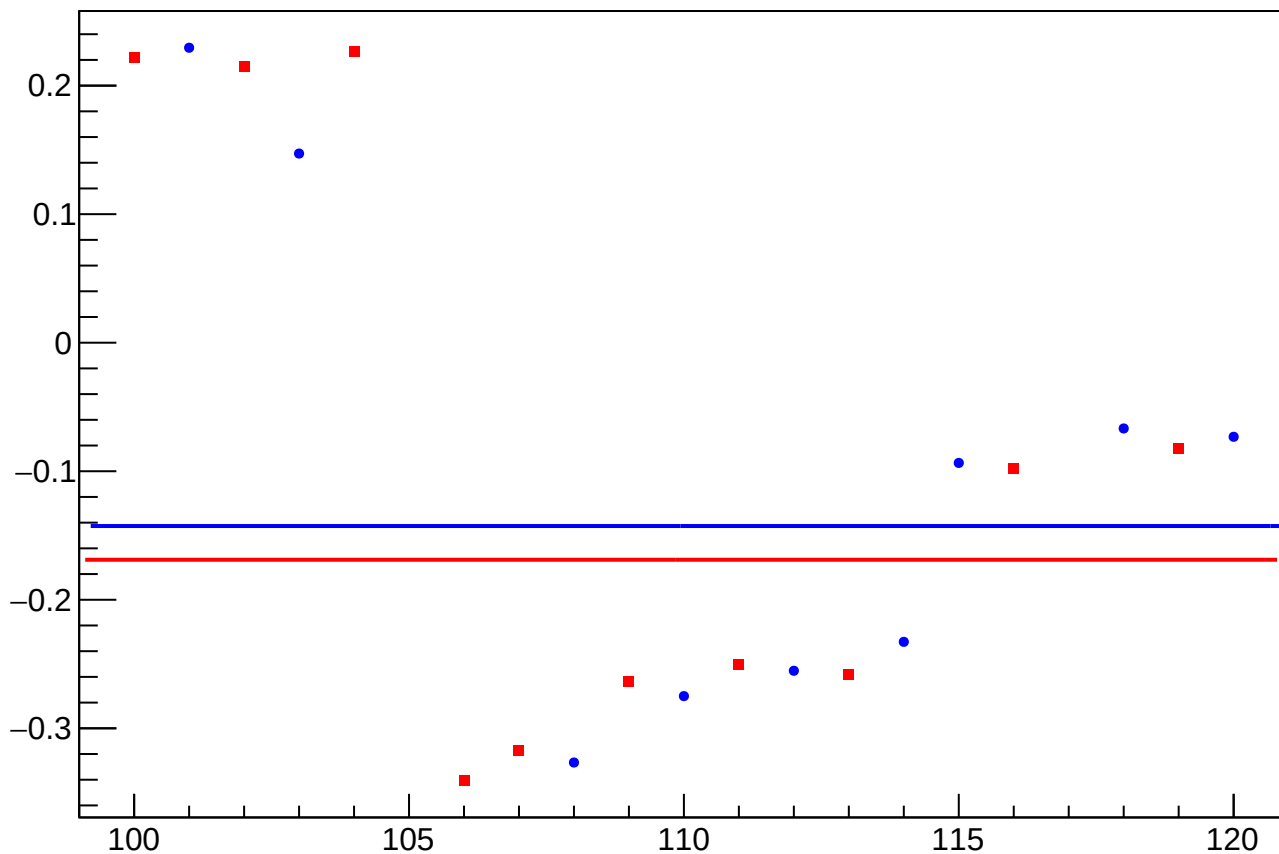
Right: 0.019+/-0.000 χ^2/NDF : 1384546.8/18

In: 0.018+/-0.000 χ^2/NDF : 741684.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.000 χ^2/NDF : 1384546.8/18

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.143 ± 0.000 $\chi^2/\text{NDF}: 117282919.6/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.169 ± 0.000 $\chi^2/\text{NDF}: 107755747.0/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

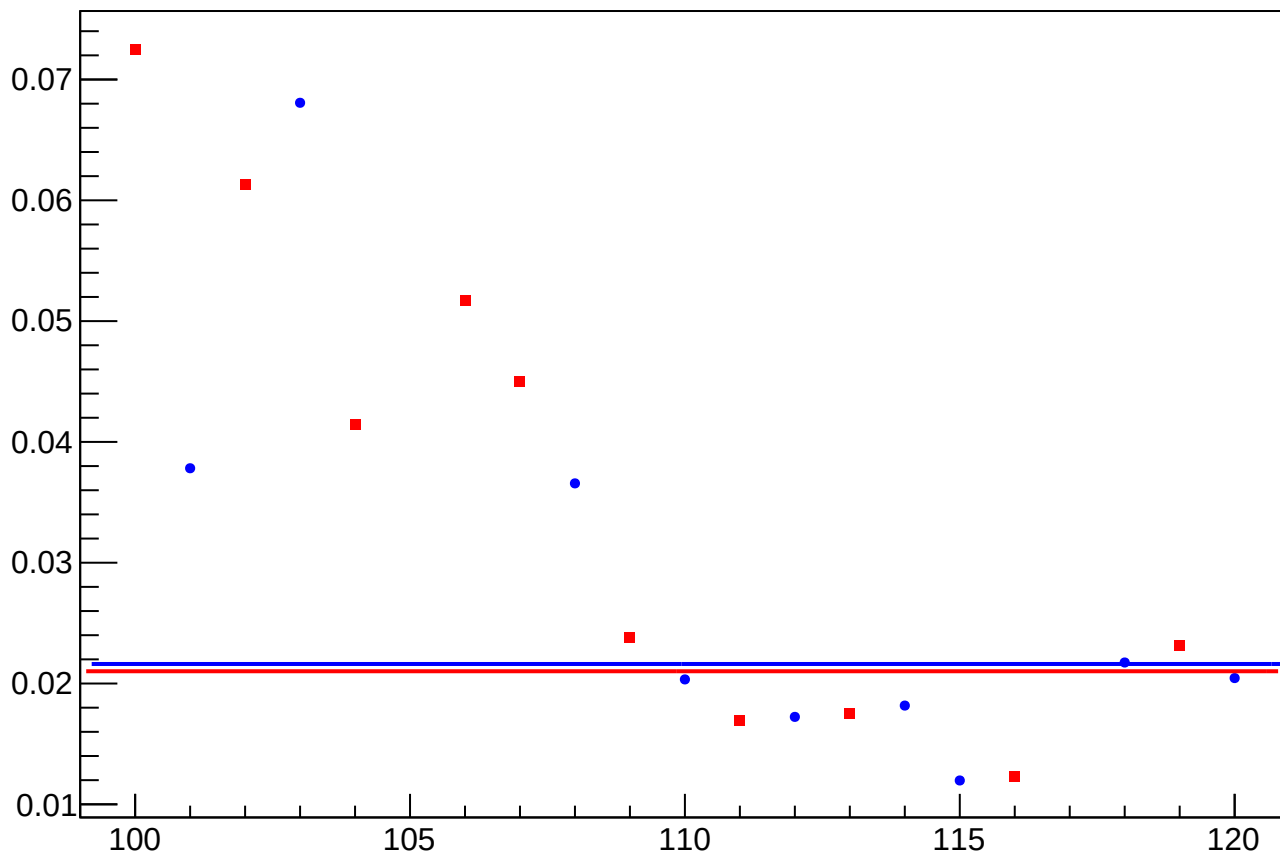
Right: -0.156 ± 0.000 $\chi^2/\text{NDF}: 227092516.6/18$

In: -0.143 ± 0.000 $\chi^2/\text{NDF}: 117282919.6/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.156 ± 0.000 $\chi^2/\text{NDF}: 227092516.6/18$

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.022+/-0.000 χ^2/NDF : 1040238.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.021+/-0.000 χ^2/NDF : 1343281.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

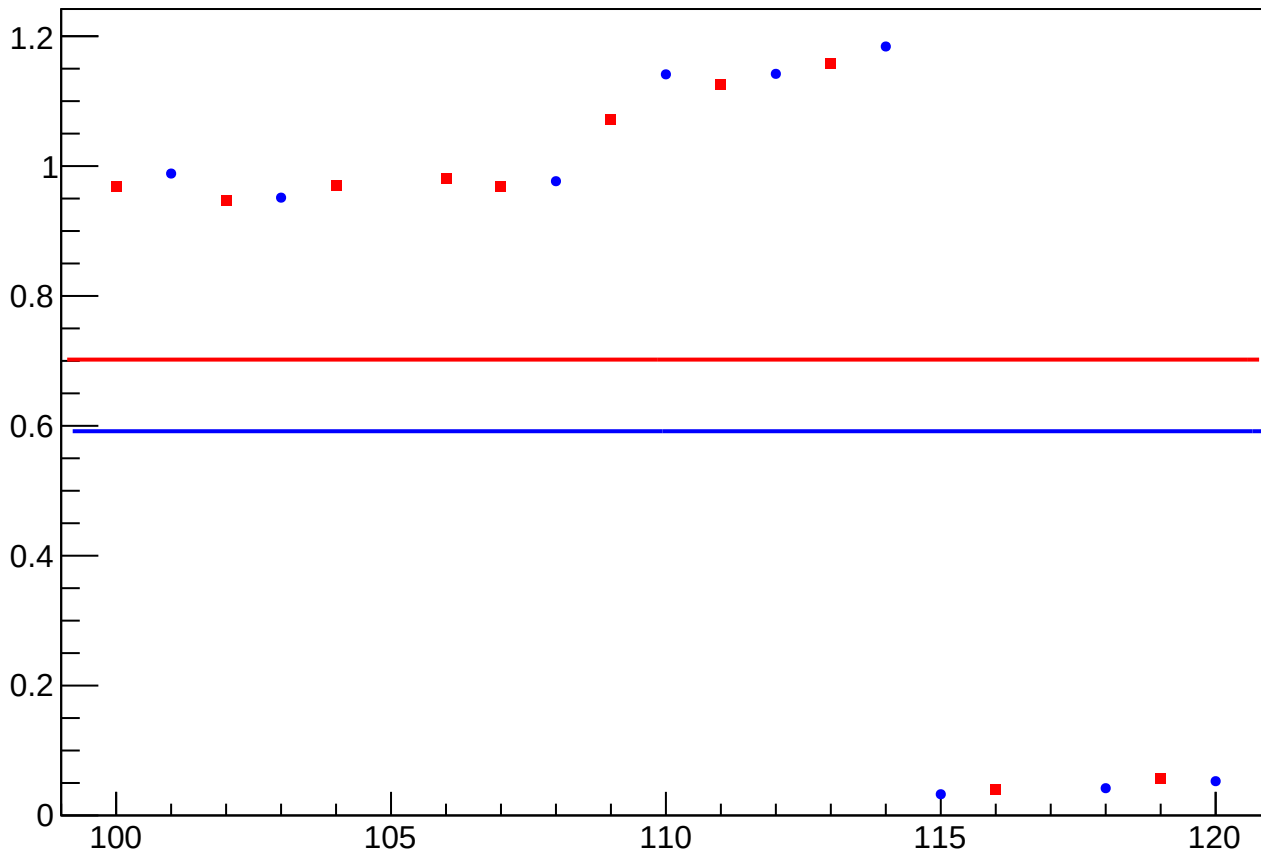
Right: 0.021+/-0.000 χ^2/NDF : 2385678.8/18

In: 0.022+/-0.000 χ^2/NDF :1040238.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.021+/-0.000 χ^2/NDF : 2385678.8/18

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.592+/-0.000 χ^2/NDF : 3408777499.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.702+/-0.000 χ^2/NDF : 2713124050.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

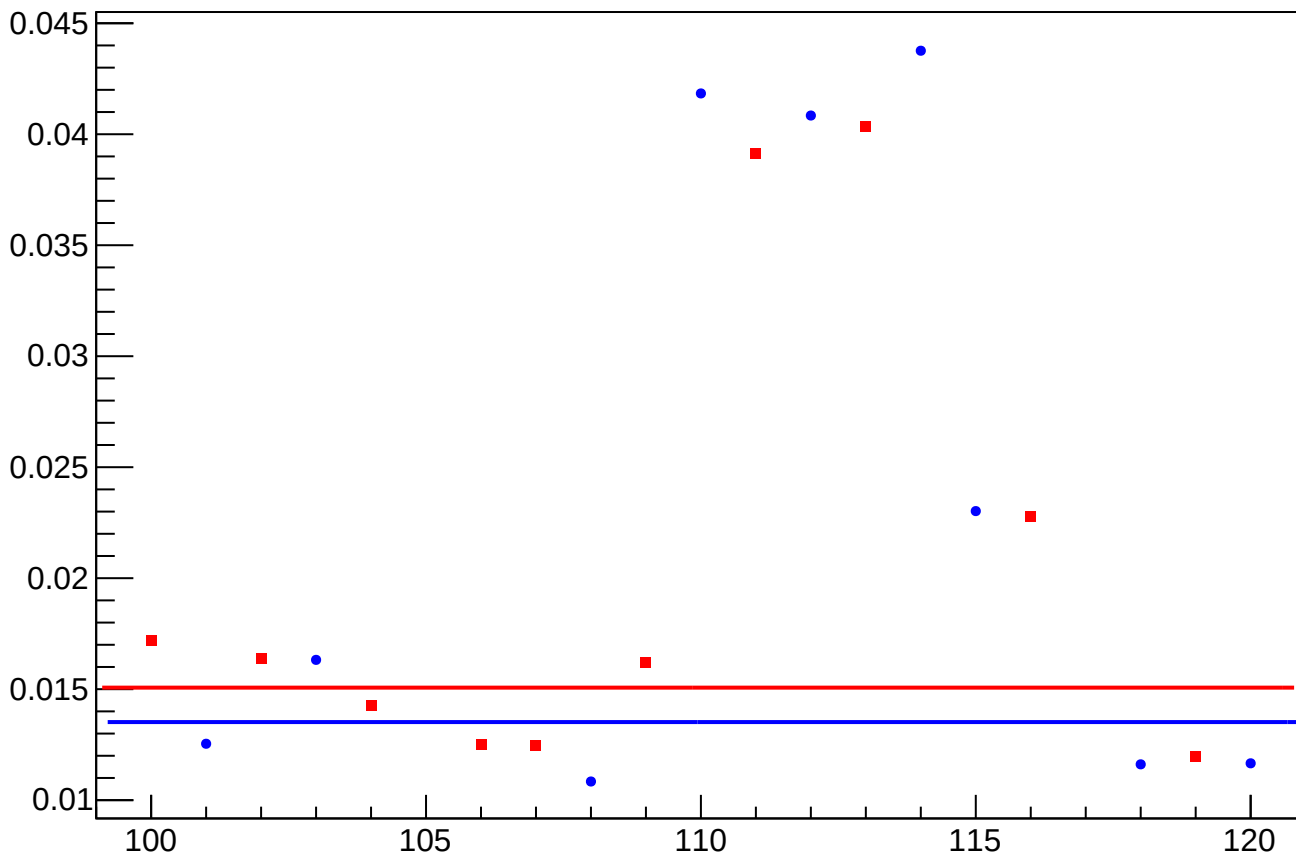
Right: 0.644+/-0.000 χ^2/NDF : 6213464704.2/18

In: 0.592+/-0.000 χ^2/NDF :3408777499.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.644+/-0.000 χ^2/NDF : 6213464704.2/18

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 991434.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 855543.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

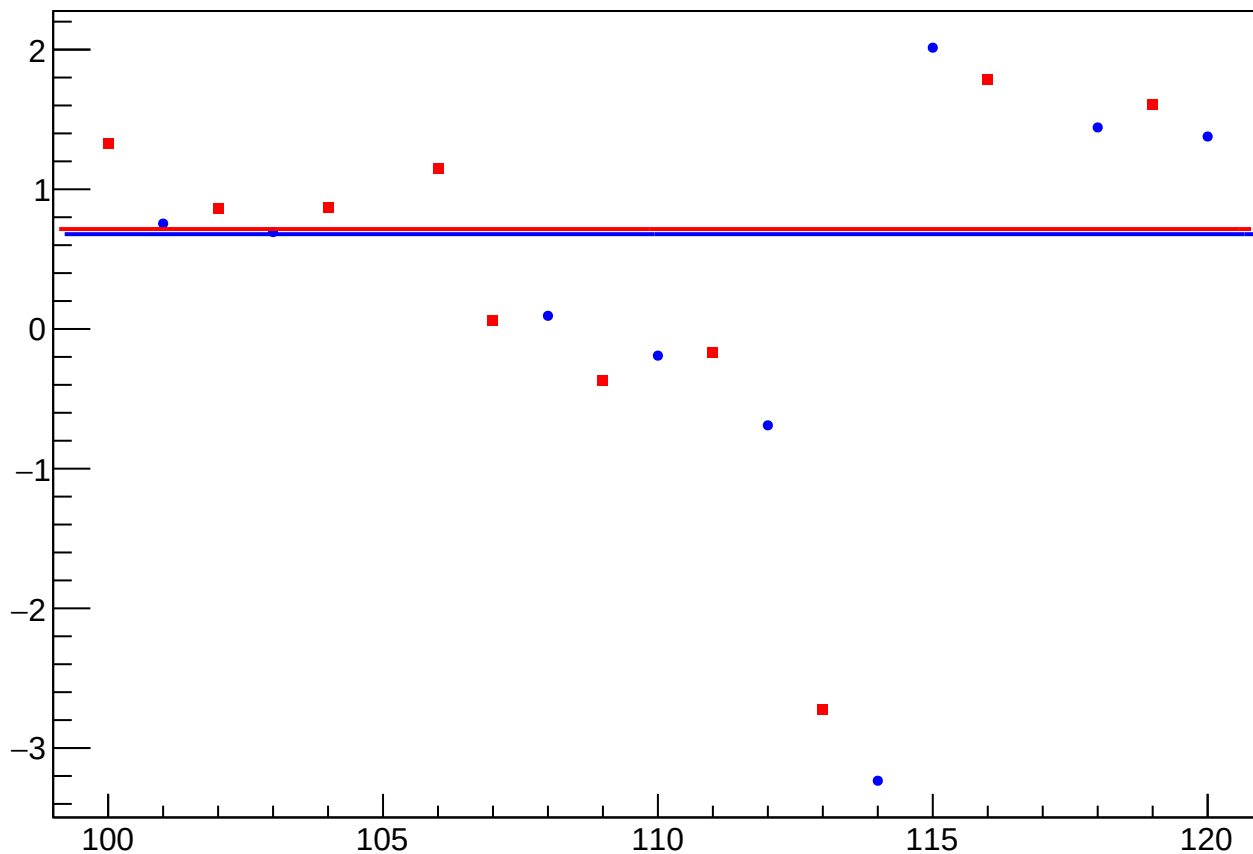
Right: 0.014+/-0.000 χ^2/NDF : 1883205.1/18

In: 0.014+/-0.000 χ^2/NDF :991434.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.000 χ^2/NDF : 1883205.1/18

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.679+/-0.000 χ^2/NDF : 327264560.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.715+/-0.000 χ^2/NDF : 982596983.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

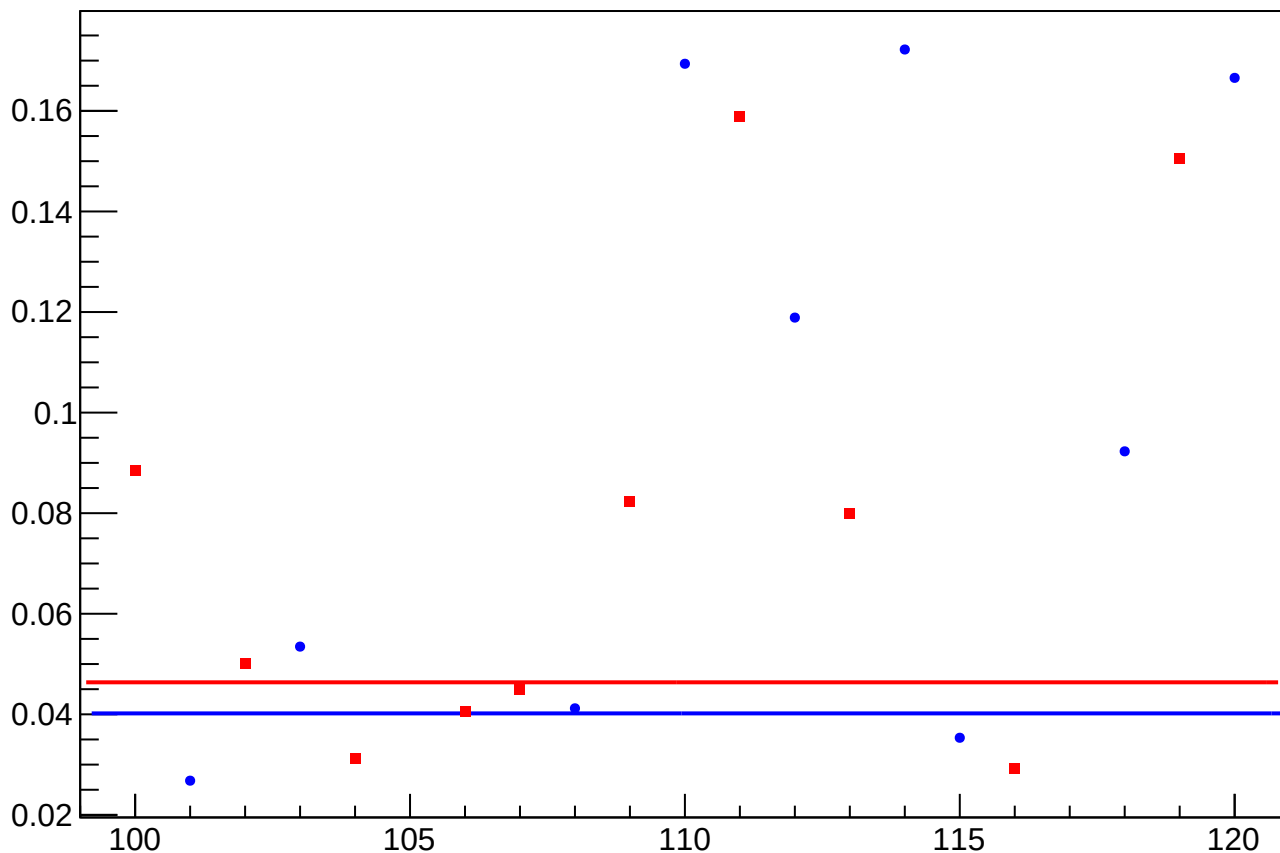
Right: 0.696+/-0.000 χ^2/NDF : 1310682086.2/18

In: 0.679+/-0.000 χ^2/NDF :327264560.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.696+/-0.000 χ^2/NDF : 1310682086.2/18

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.040+/-0.000 χ^2/NDF : 1832493.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.046+/-0.000 χ^2/NDF : 1495334.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

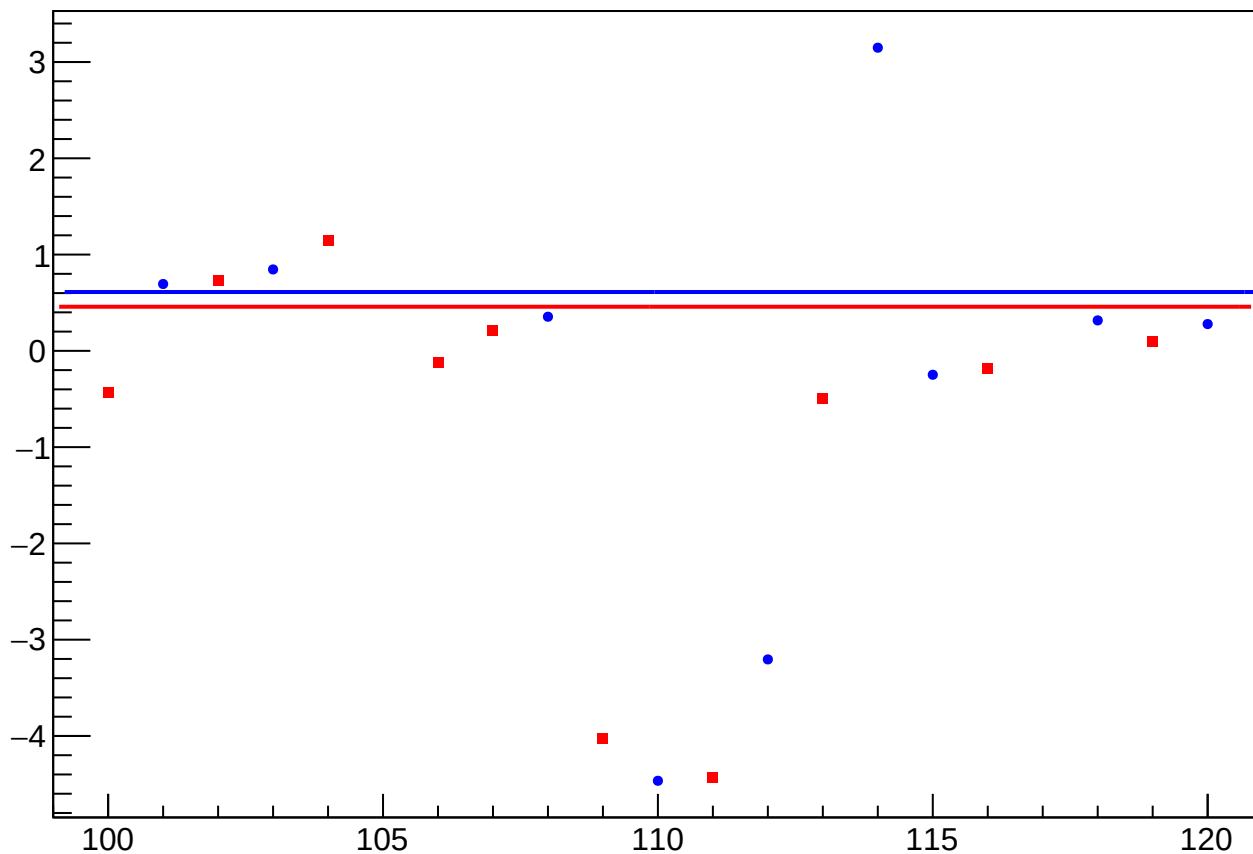
Right: 0.043+/-0.000 χ^2/NDF : 3374331.0/18

In: 0.040+/-0.000 χ^2/NDF : 1832493.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.043+/-0.000 χ^2/NDF : 3374331.0/18

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.611+/-0.000 χ^2/NDF : 1344883665.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.458+/-0.000 χ^2/NDF : 3699867404.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

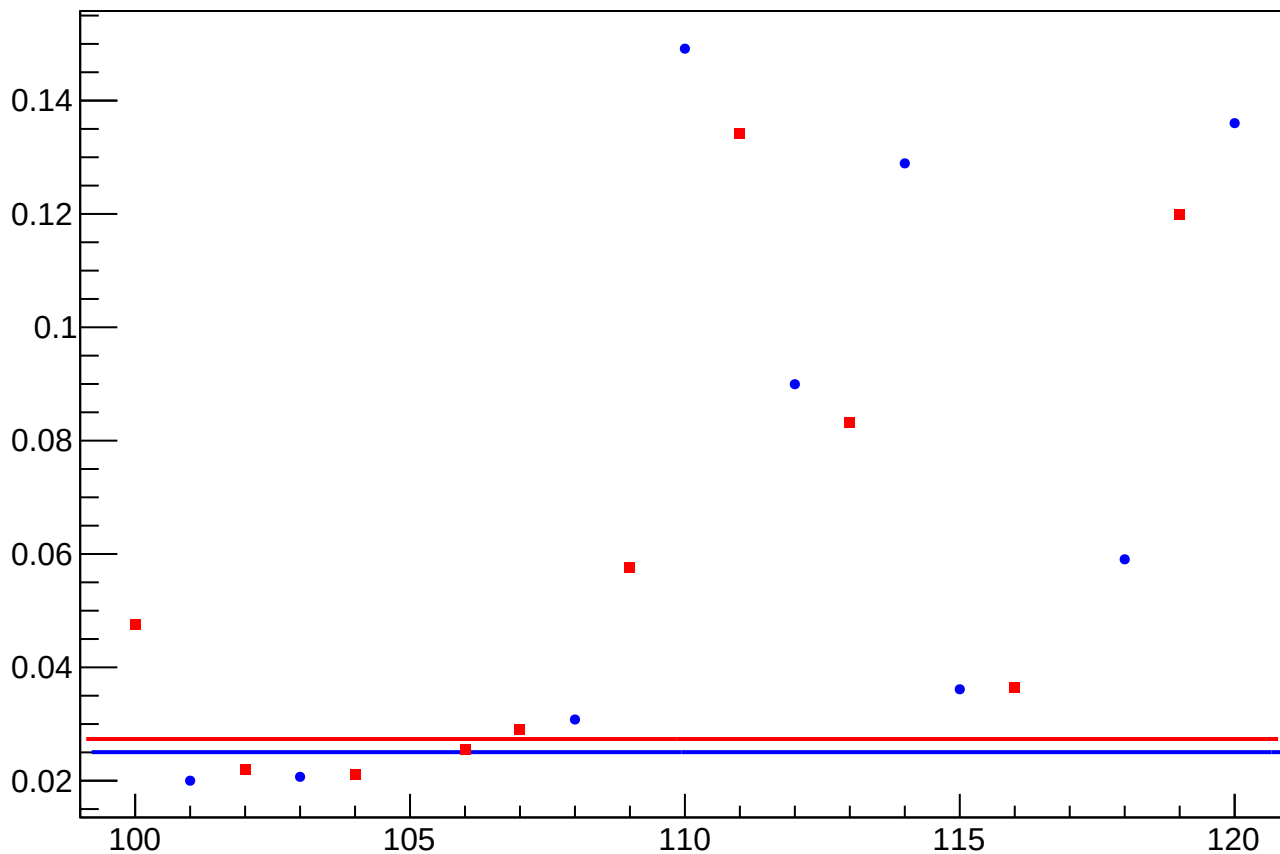
Right: 0.535+/-0.000 χ^2/NDF : 5082855405.1/18

In: 0.611+/-0.000 χ^2/NDF :1344883665.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.535+/-0.000 χ^2/NDF : 5082855405.1/18

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.025+/-0.000 χ^2/NDF : 1819045.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.027+/-0.000 χ^2/NDF : 1882167.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

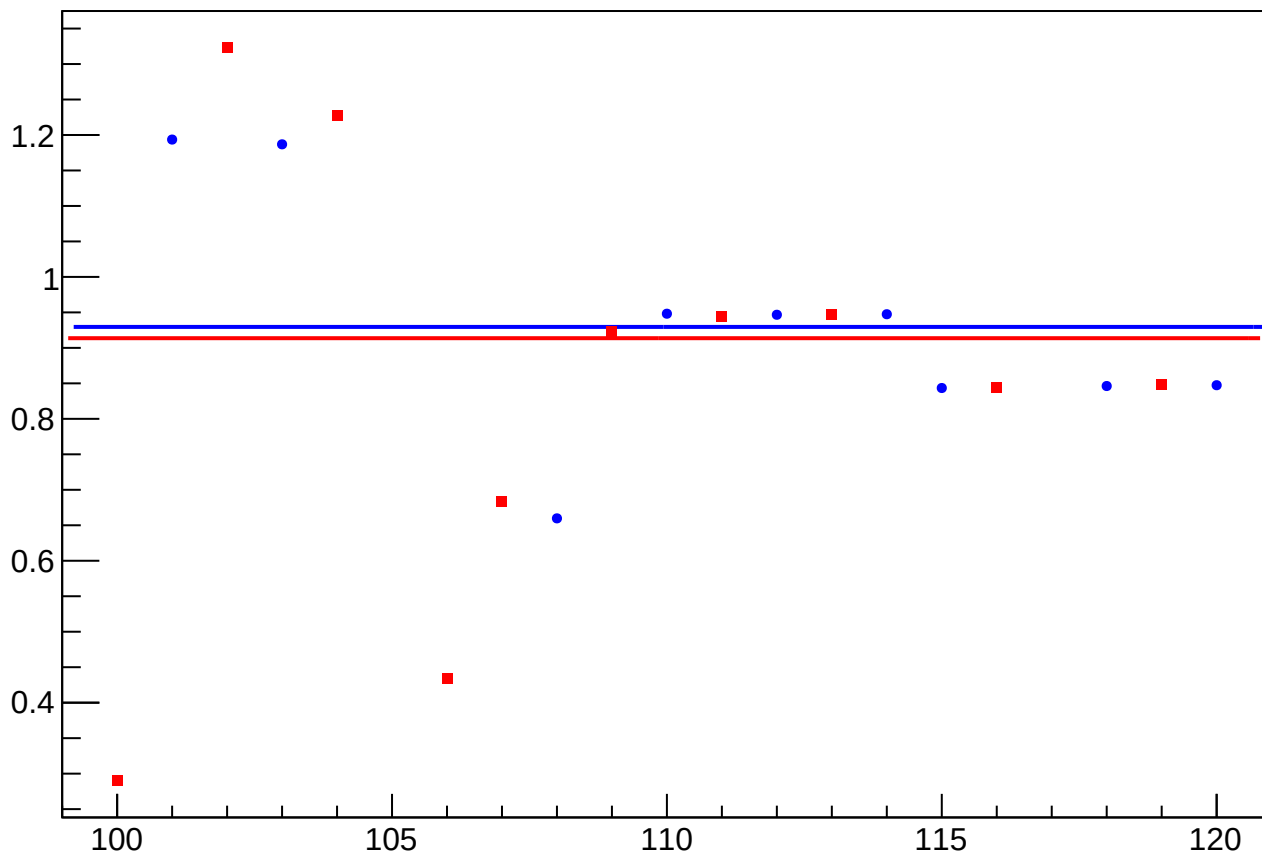
Right: 0.026+/-0.000 χ^2/NDF : 3718807.1/18

In: 0.025+/-0.000 χ^2/NDF : 1819045.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.026+/-0.000 χ^2/NDF : 3718807.1/18

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.930+/-0.000 χ^2/NDF : 298580644.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.914+/-0.000 χ^2/NDF : 467312500.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

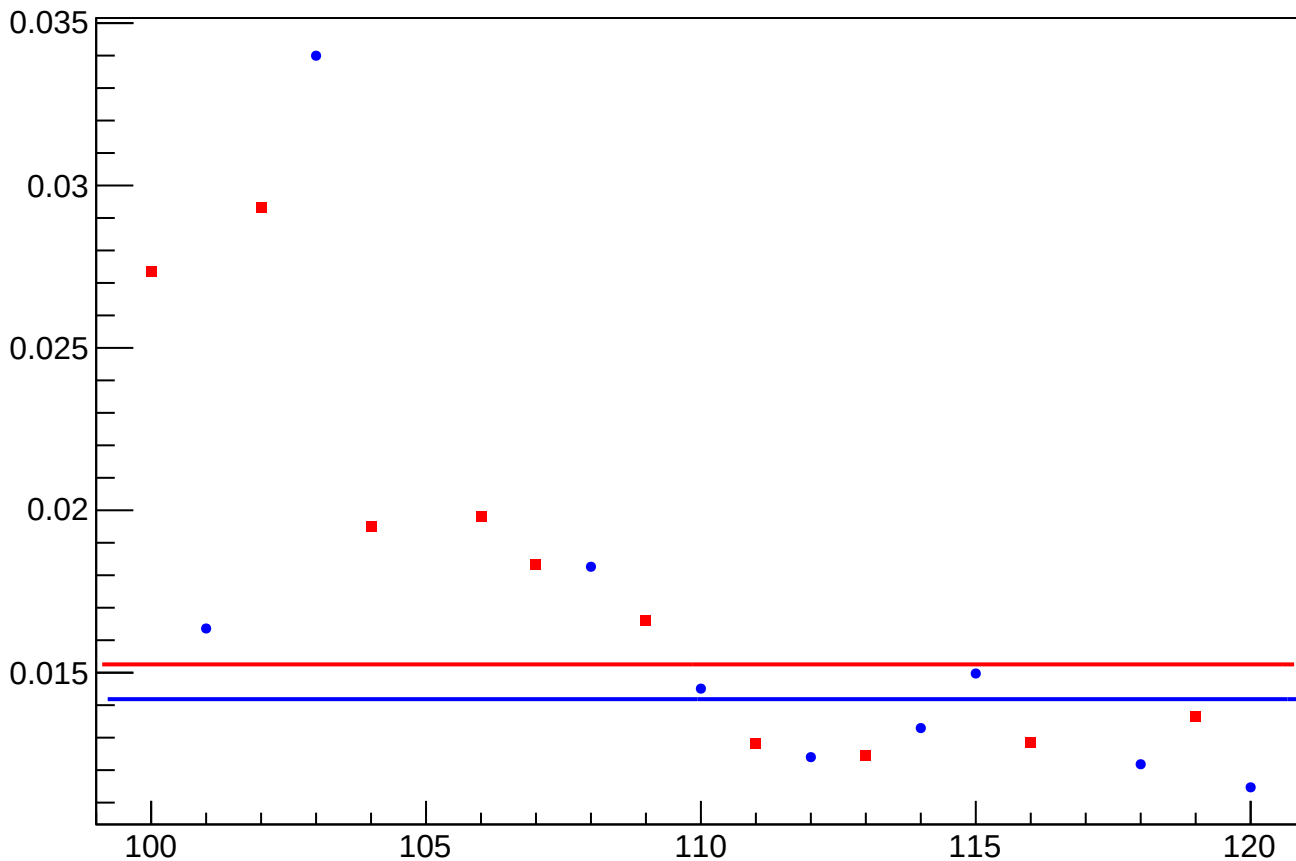
Right: 0.922+/-0.000 χ^2/NDF : 767752469.2/18

In: 0.930+/-0.000 χ^2/NDF :298580644.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.922+/-0.000 χ^2/NDF : 767752469.2/18

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 519698.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 474430.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

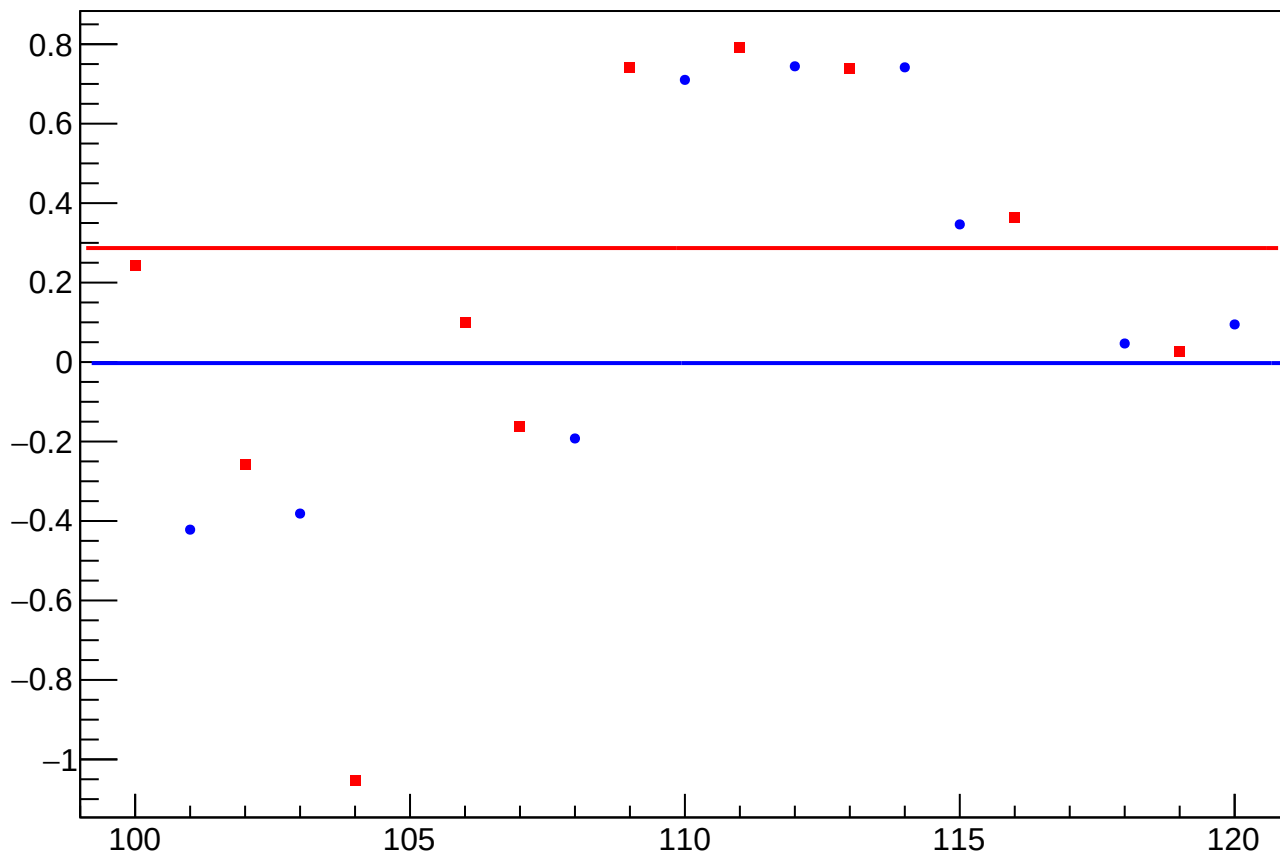
Right: 0.015+/-0.000 χ^2/NDF : 1010983.4/18

In: 0.014+/-0.000 χ^2/NDF :519698.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.000 χ^2/NDF : 1010983.4/18

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.003+/-0.000

χ^2/NDF : 1823702529.9/8

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.287+/-0.000

χ^2/NDF : 5983490950.9/9

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.187+/-0.000

χ^2/NDF : 8278282111.9/18

In: -0.003+/-0.000

χ^2/NDF : 1823702529.9/8

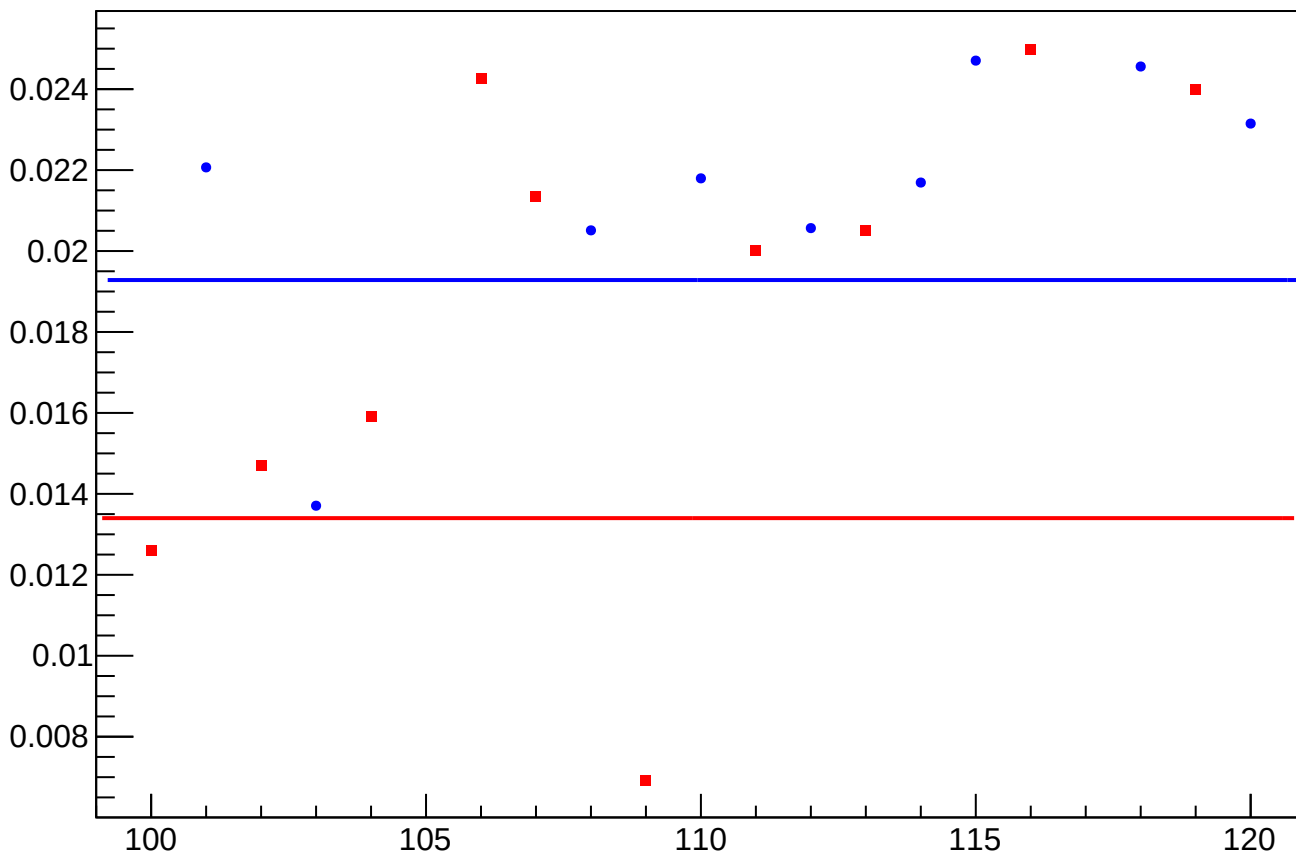
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.187+/-0.000

χ^2/NDF : 8278282111.9/18

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.019+/-0.000 χ^2/NDF : 298267.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 1312975.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

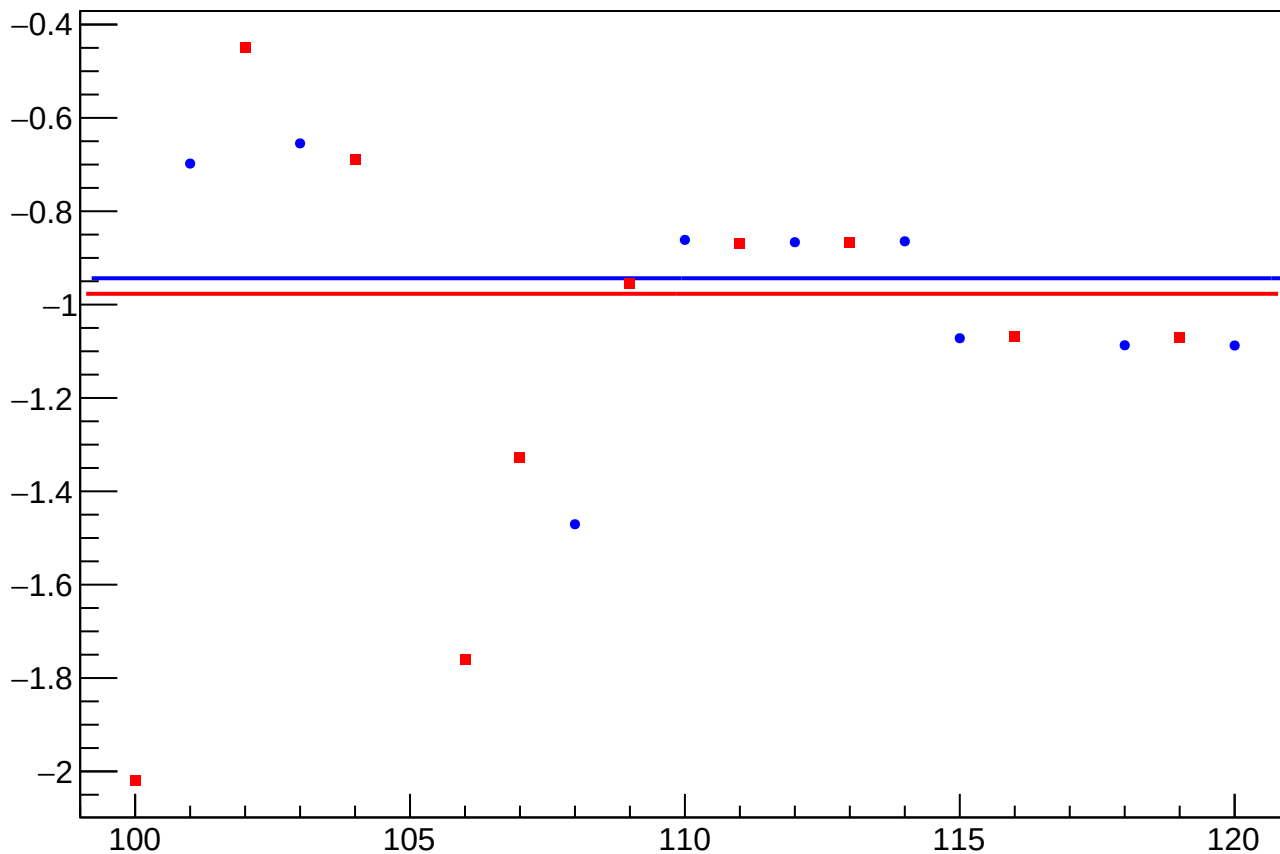
Right: 0.015+/-0.000 χ^2/NDF : 2000320.2/18

In: 0.019+/-0.000 χ^2/NDF :298267.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.000 χ^2/NDF : 2000320.2/18

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.944+/-0.000 χ^2/NDF : 122581555.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.977+/-0.000 χ^2/NDF : 232071605.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

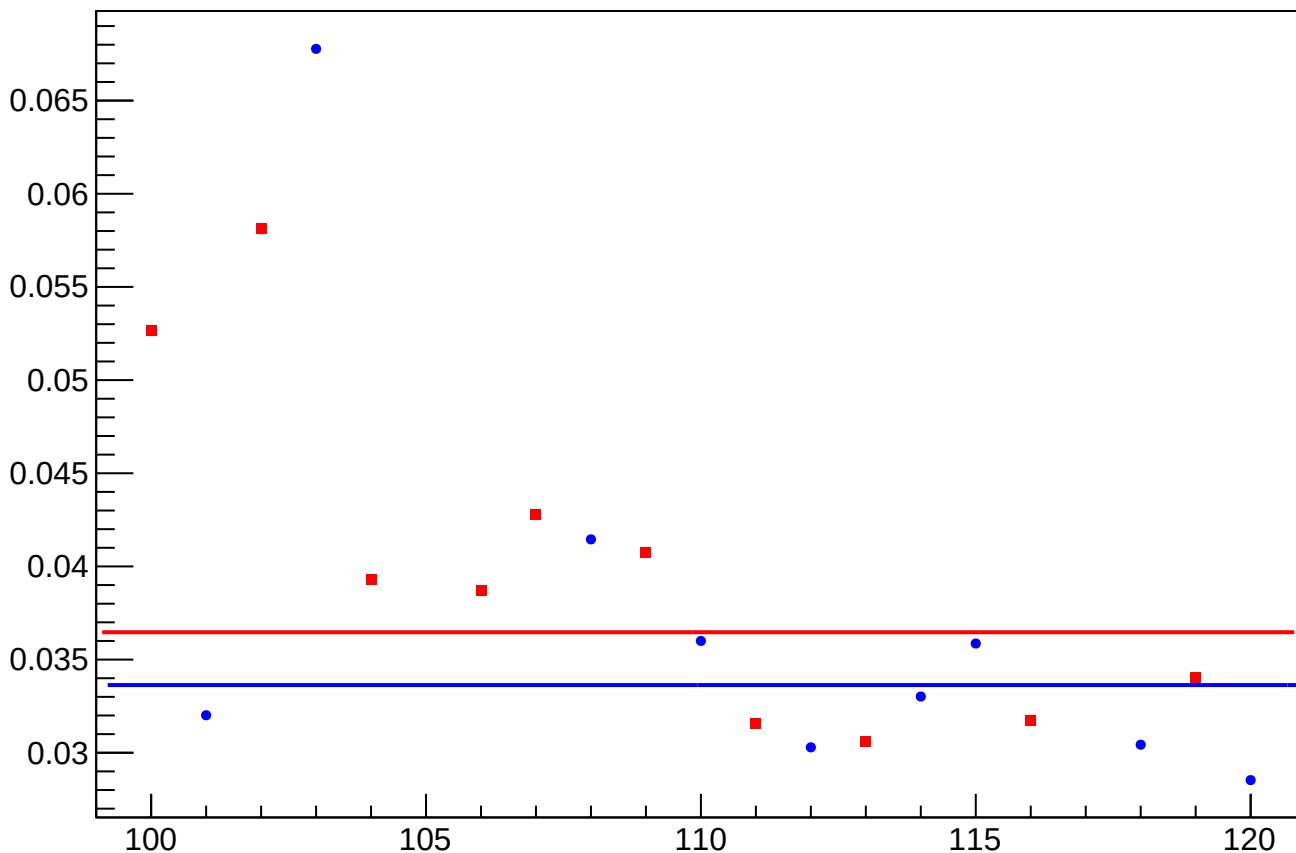
Right: -0.960+/-0.000 χ^2/NDF : 356116096.1/18

In: -0.944+/-0.000 χ^2/NDF :122581555.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.960+/-0.000 χ^2/NDF : 356116096.1/18

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.034+/-0.000 χ^2/NDF : 353232.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.036+/-0.000 χ^2/NDF : 257147.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

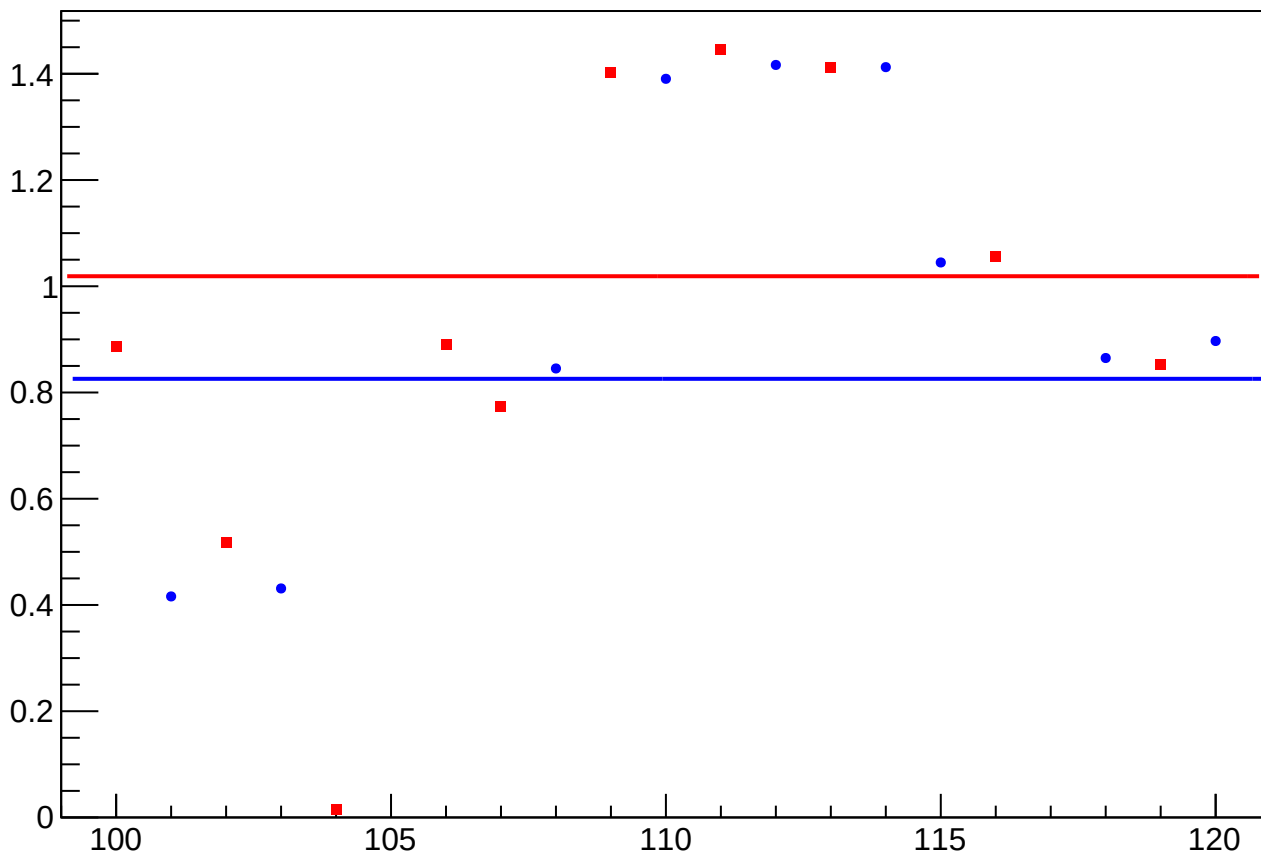
Right: 0.035+/-0.000 χ^2/NDF : 631656.0/18

In: 0.034+/-0.000 χ^2/NDF :353232.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.035+/-0.000 χ^2/NDF : 631656.0/18

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.826+/-0.000 χ^2/NDF : 2887832935.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.019+/-0.000 χ^2/NDF : 6819919880.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

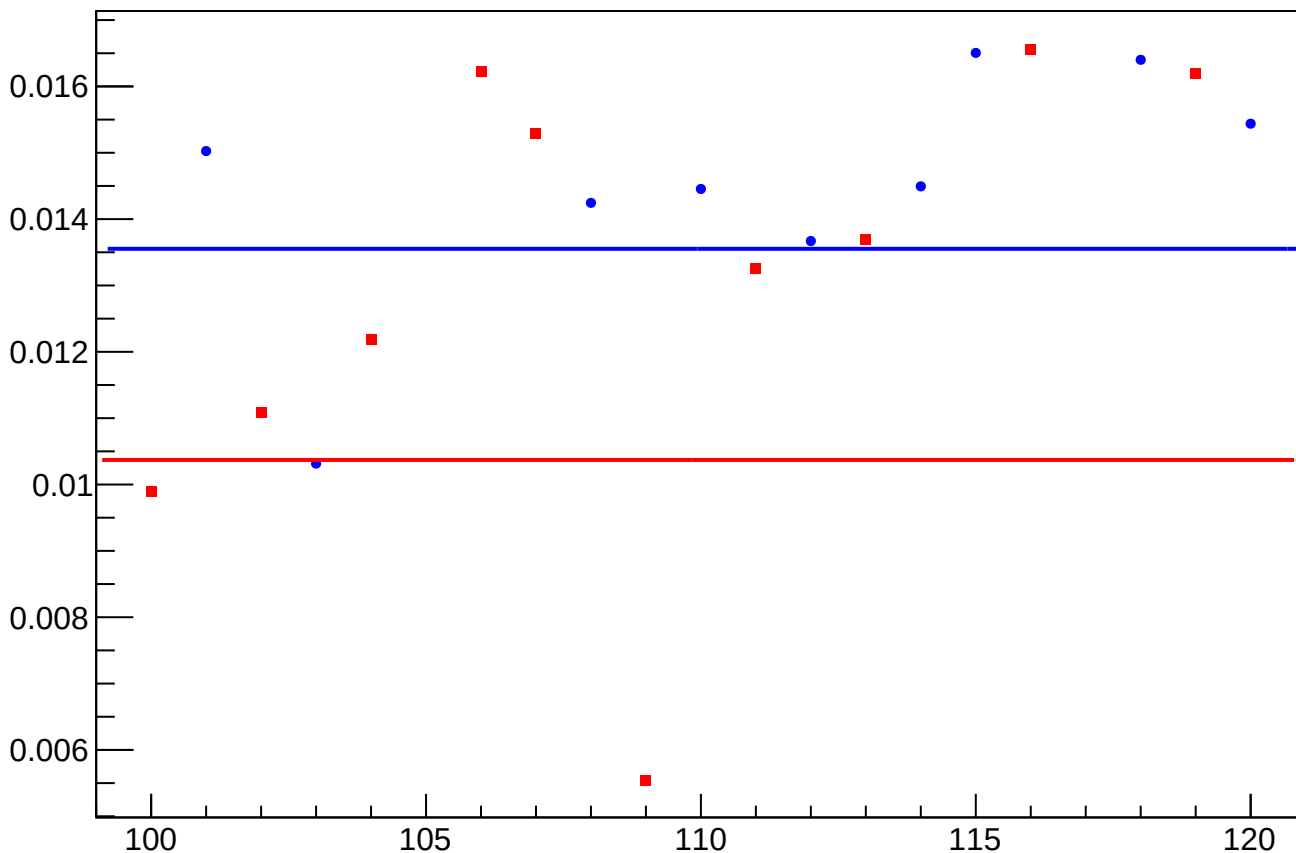
Right: 0.946+/-0.000 χ^2/NDF : 10117224832.2/18

In: 0.826+/-0.000 χ^2/NDF : 2887832935.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.946+/-0.000 χ^2/NDF : 10117224832.2/18

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 175213.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 945332.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

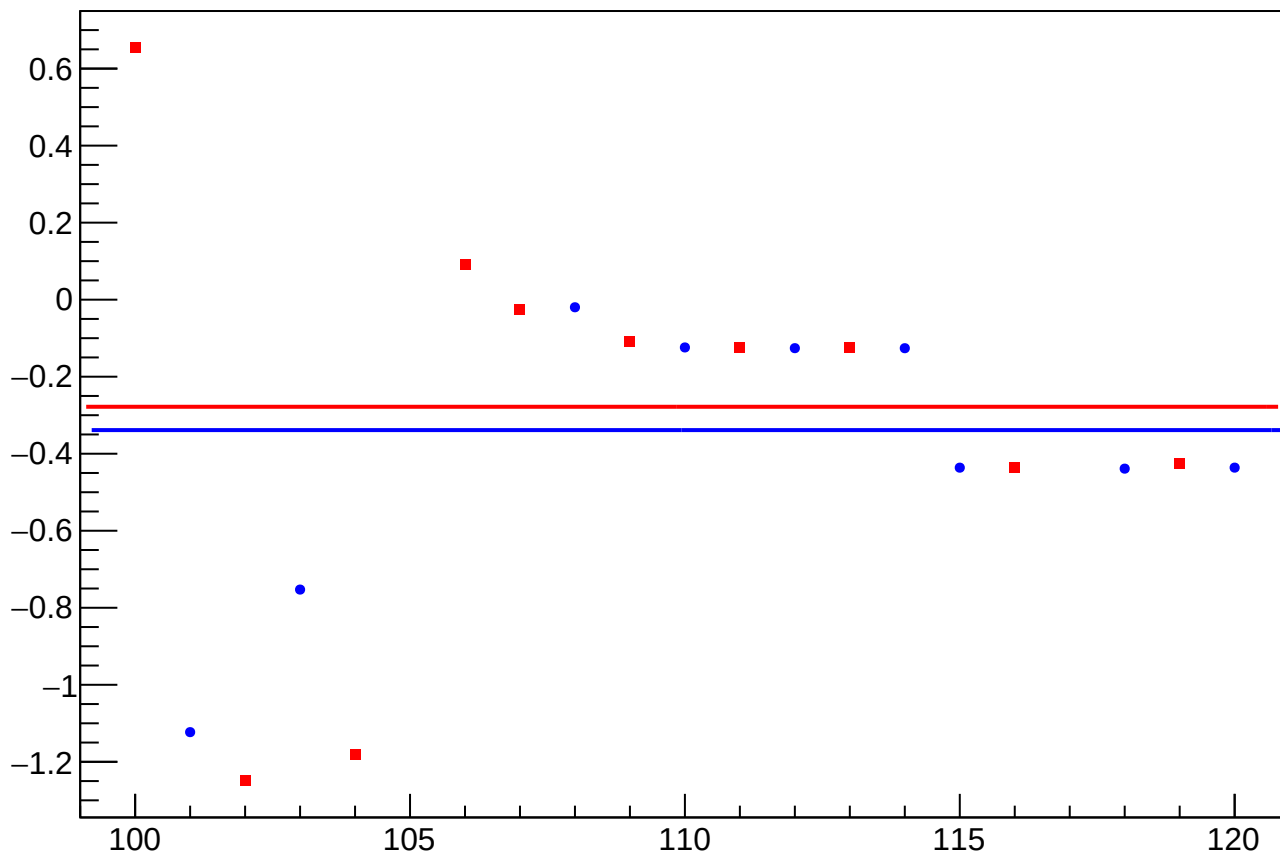
Right: 0.012+/-0.000 χ^2/NDF : 1342921.2/18

In: 0.014+/-0.000 χ^2/NDF :175213.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.000 χ^2/NDF : 1342921.2/18

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.339+/-0.000 χ^2/NDF : 633133023.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.278+/-0.000 χ^2/NDF : 640324463.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

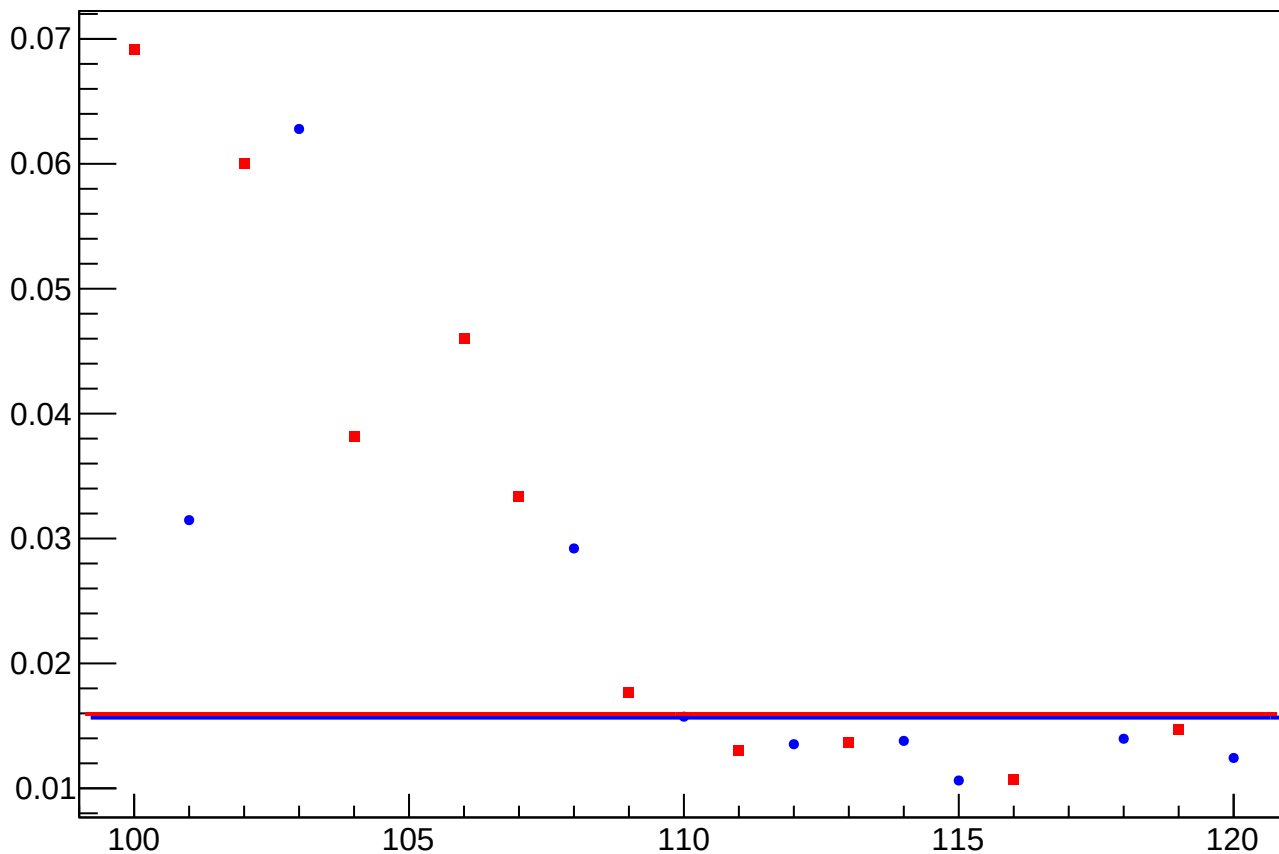
Right: -0.308+/-0.000 χ^2/NDF : 1292280985.6/18

In: -0.339+/-0.000 χ^2/NDF :633133023.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.308+/-0.000 χ^2/NDF : 1292280985.6/1

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 1141040.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 1435526.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

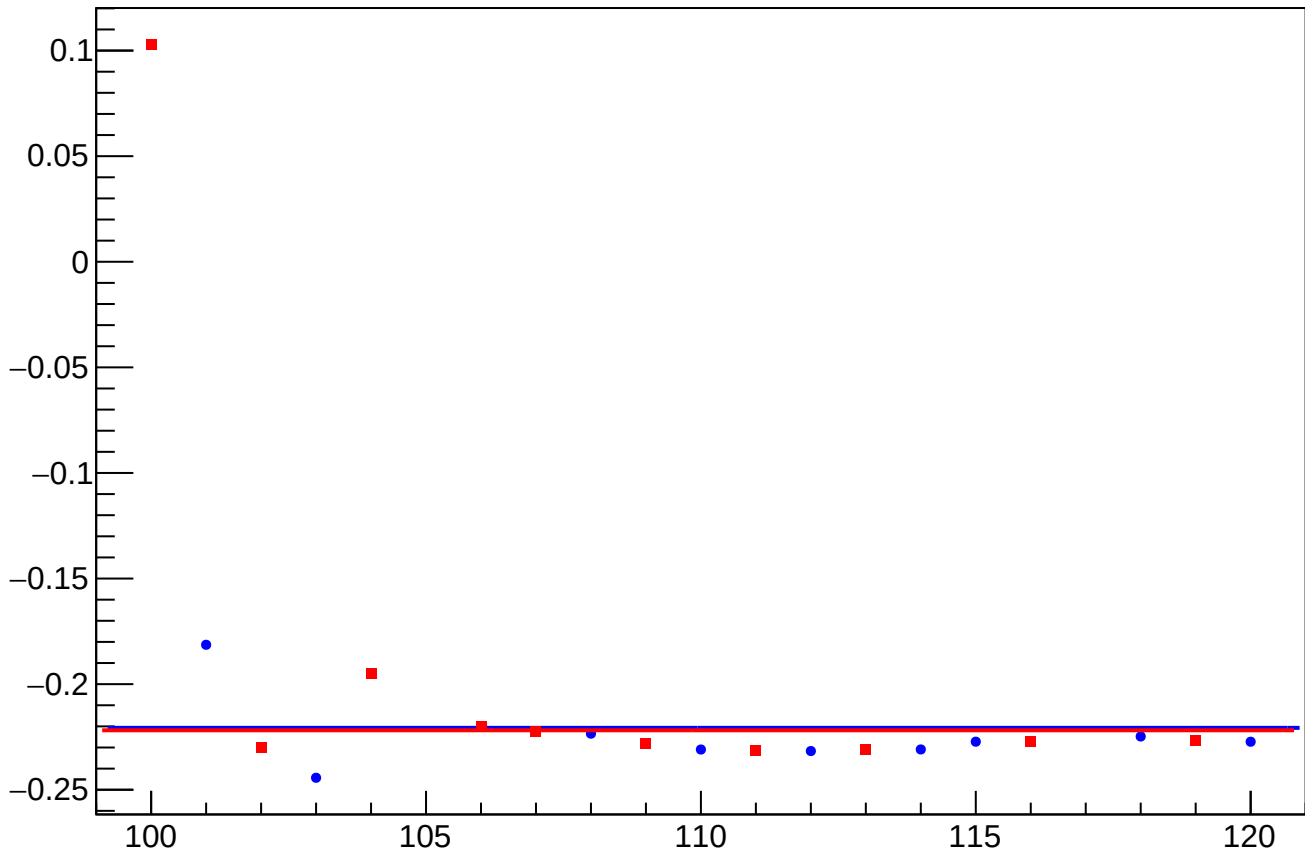
Right: 0.016+/-0.000 χ^2/NDF : 2577418.4/18

In: 0.016+/-0.000 χ^2/NDF : 1141040.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 2577418.4/18

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.221+/-0.000 χ^2/NDF : 50201219.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.222+/-0.000 χ^2/NDF : 156701411.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

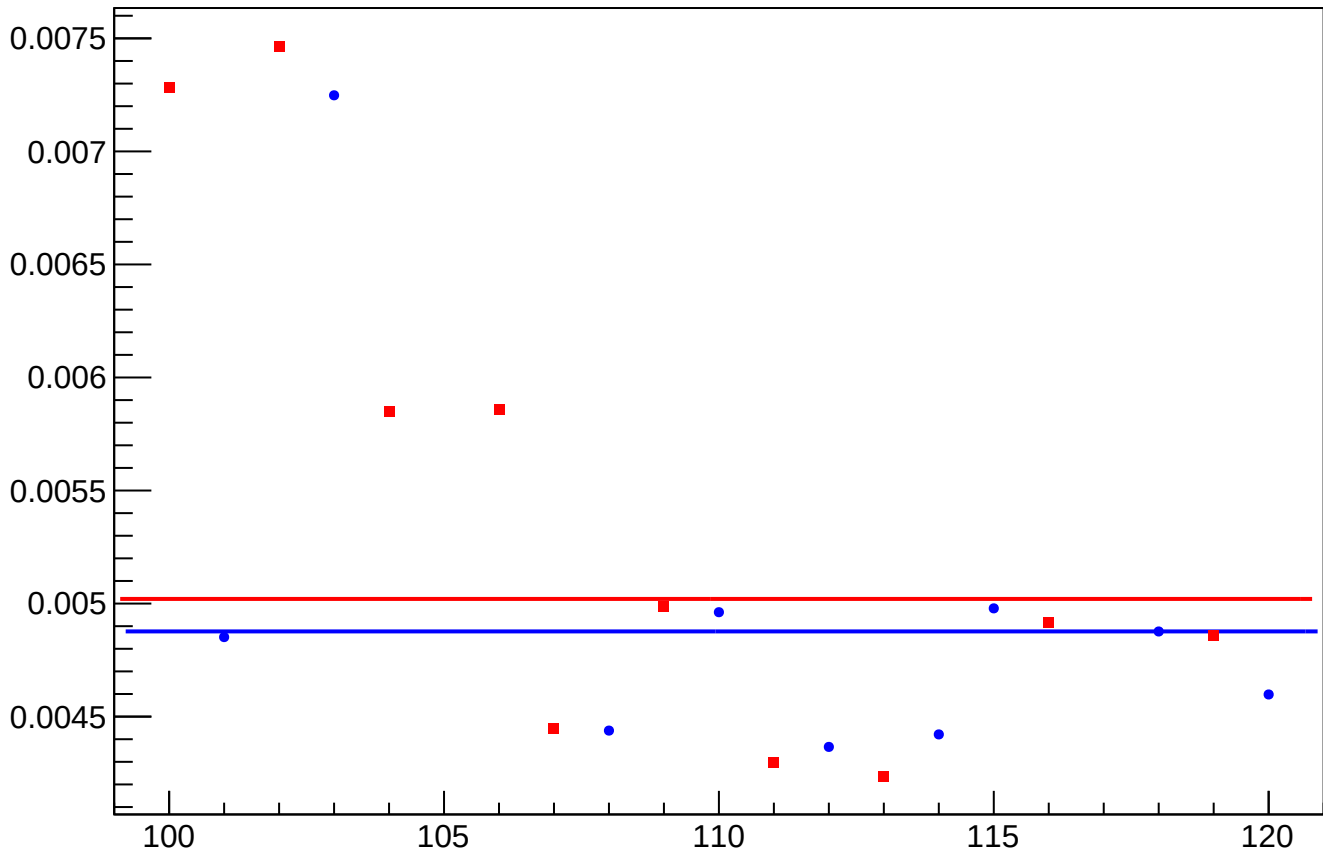
Right: -0.221+/-0.000 χ^2/NDF : 206995246.6/18

In: -0.221+/-0.000 χ^2/NDF : 50201219.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.221+/-0.000 χ^2/NDF : 206995246.6/18

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 144075.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 233502.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

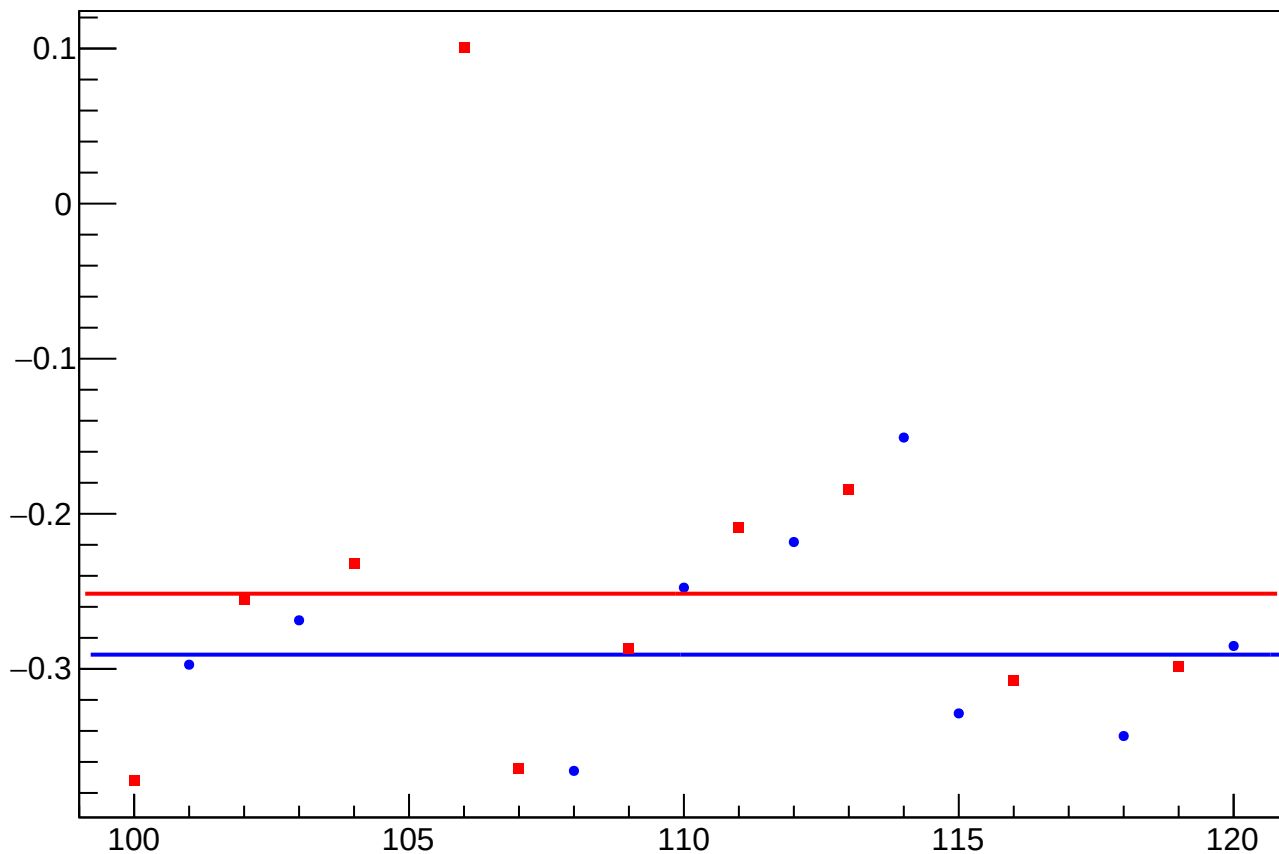
Right: 0.005+/-0.000 χ^2/NDF : 380466.1/18

In: 0.005+/-0.000 χ^2/NDF : 144075.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 380466.1/18

yield_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -0.291+/-0.000 χ^2/NDF : 218151868.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.252+/-0.000 χ^2/NDF : 618653998.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

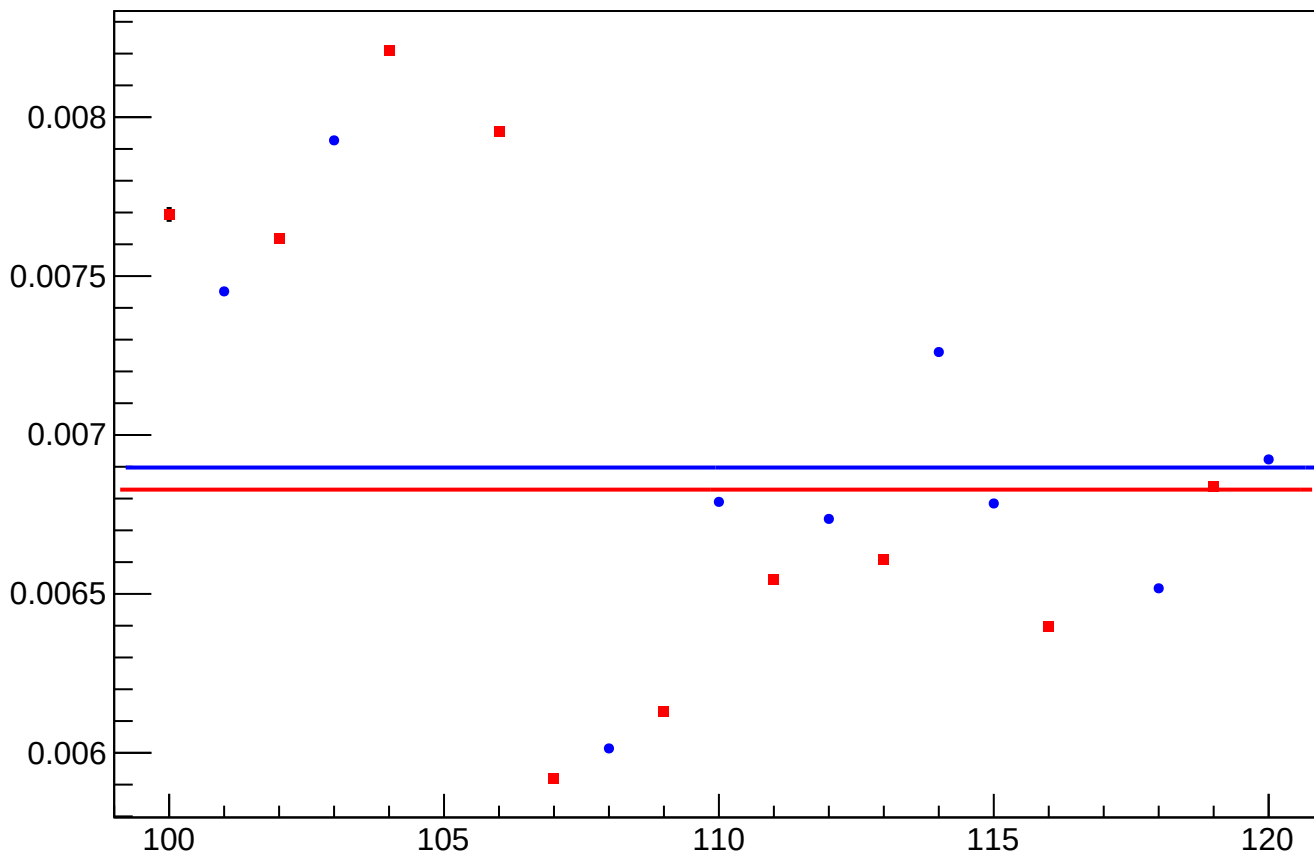
Right: -0.270+/-0.000 χ^2/NDF : 898069304.1/18

In: -0.291+/-0.000 χ^2/NDF :218151868.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.270+/-0.000 χ^2/NDF : 898069304.1/18

yield_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 49190.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 82094.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

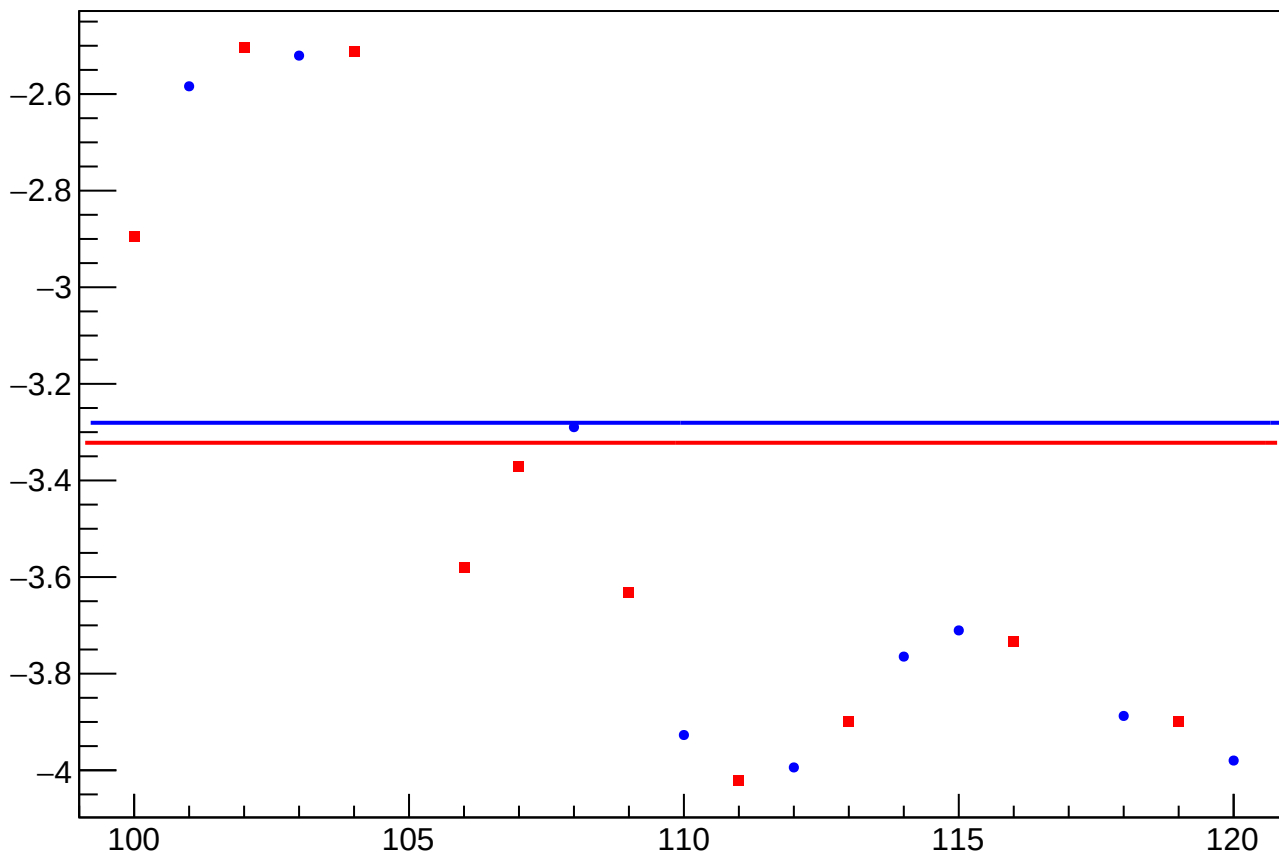
Right: 0.007+/-0.000 χ^2/NDF : 131668.8/18

In: 0.007+/-0.000 χ^2/NDF : 49190.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 131668.8/18

yield_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -3.281+/-0.000 χ^2/NDF : 24426493865.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.322+/-0.000 χ^2/NDF : 23942777006.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

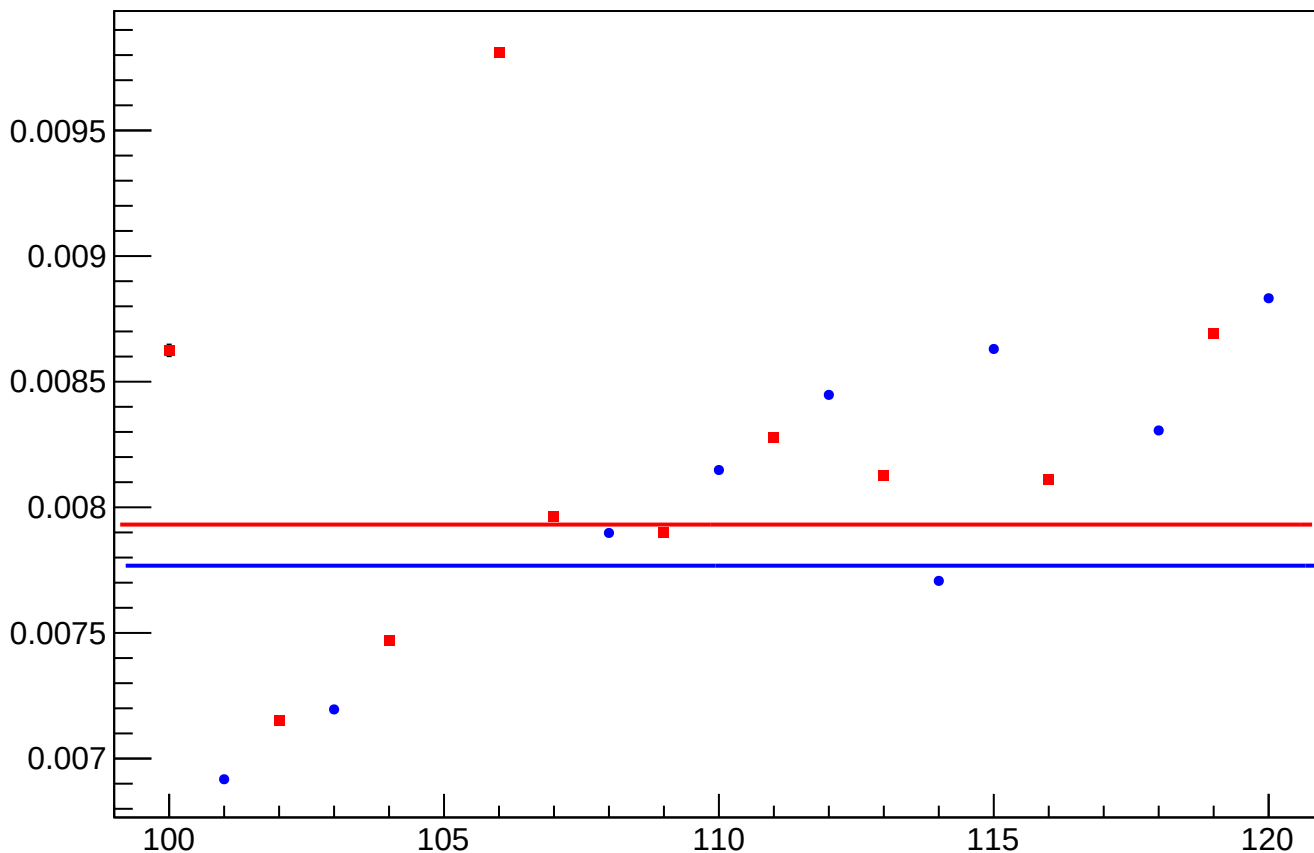
Right: -3.302+/-0.000 χ^2/NDF : 48420554858.4/18

In: -3.281+/-0.000 χ^2/NDF :24426493865.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.302+/-0.000 χ^2/NDF : 48420554858.4/18

yield_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 51777.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 42604.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

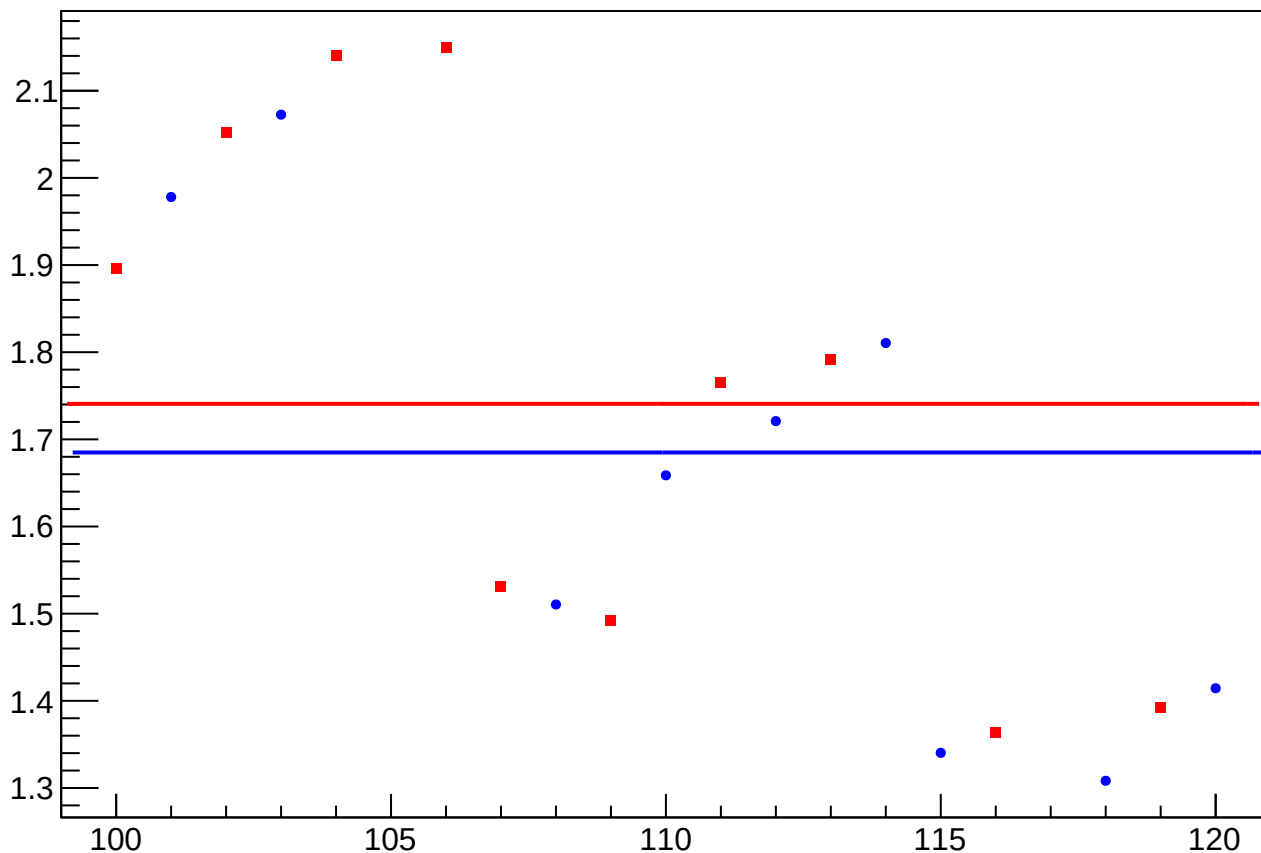
Right: 0.008+/-0.000 χ^2/NDF : 95985.0/18

In: 0.008+/-0.000 χ^2/NDF :51777.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.000 χ^2/NDF : 95985.0/18

yield_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: 1.685+/-0.000 χ^2/NDF : 1629168826.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.741+/-0.000 χ^2/NDF : 1902743122.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

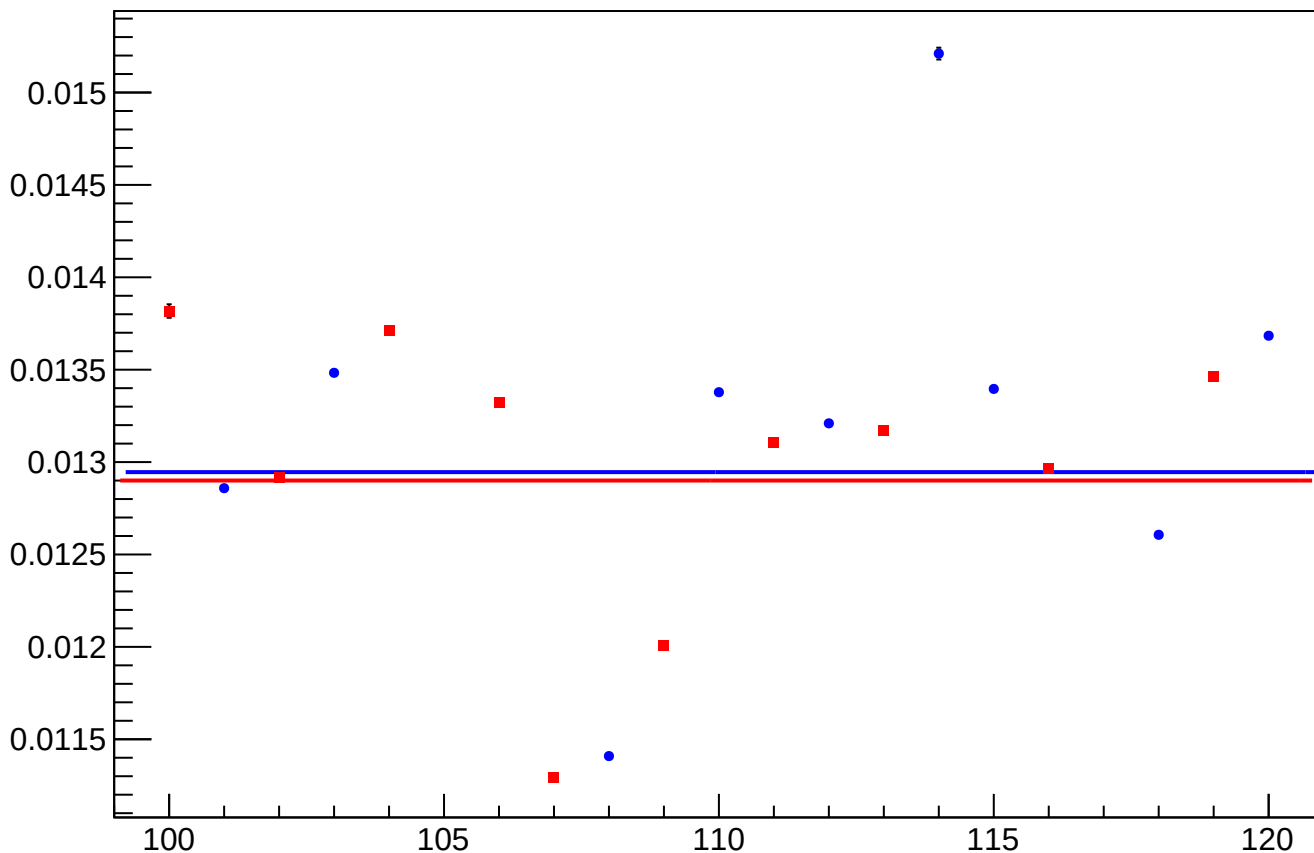
Right: 1.714+/-0.000 χ^2/NDF : 3566550734.6/18

In: 1.685+/-0.000 χ^2/NDF : 1629168826.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.714+/-0.000 χ^2/NDF : 3566550734.6/18

yield_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 25375.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 22606.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

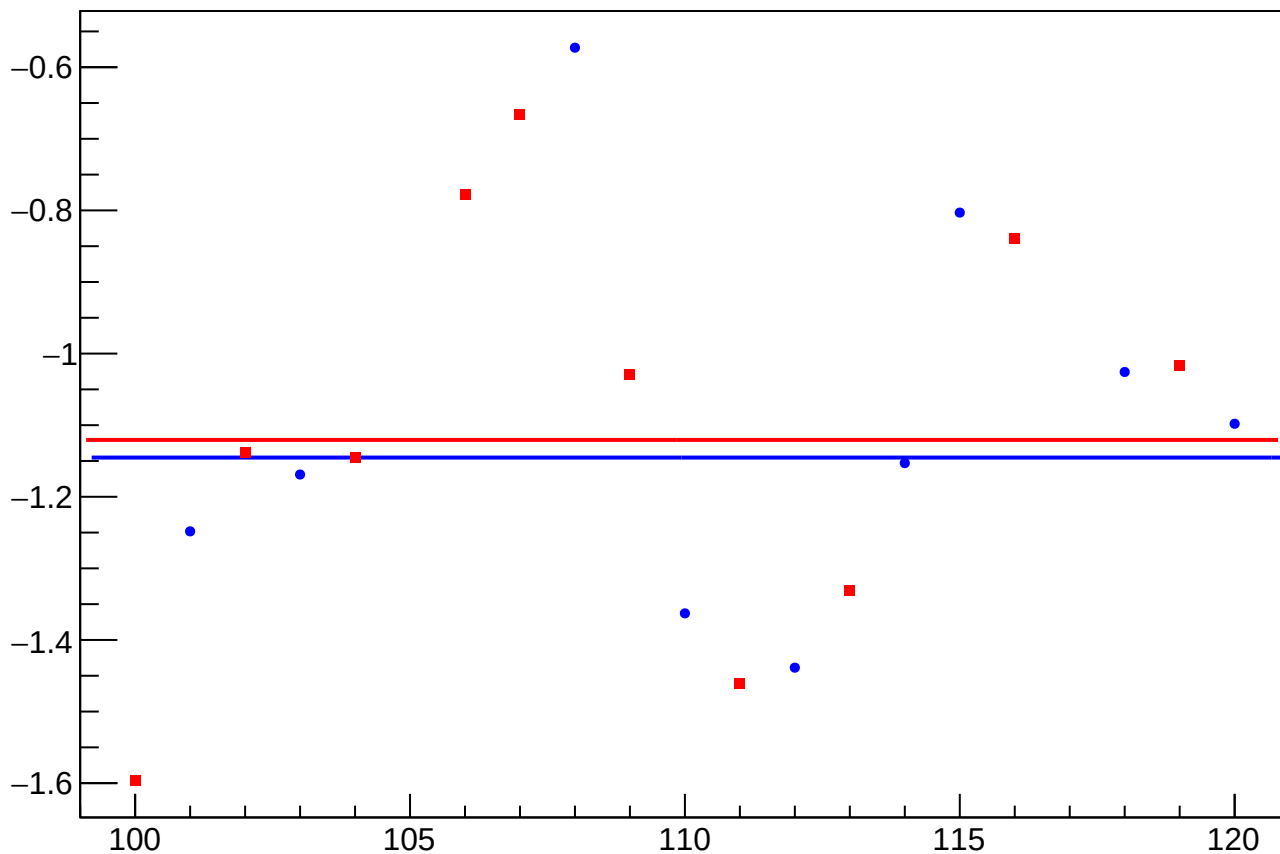
Right: 0.013+/-0.000 χ^2/NDF : 48027.9/18

In: 0.013+/-0.000 χ^2/NDF : 25375.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 48027.9/18

yield_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -1.145+/-0.000 χ^2/NDF : 2380369597.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.121+/-0.000 χ^2/NDF : 1902968312.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

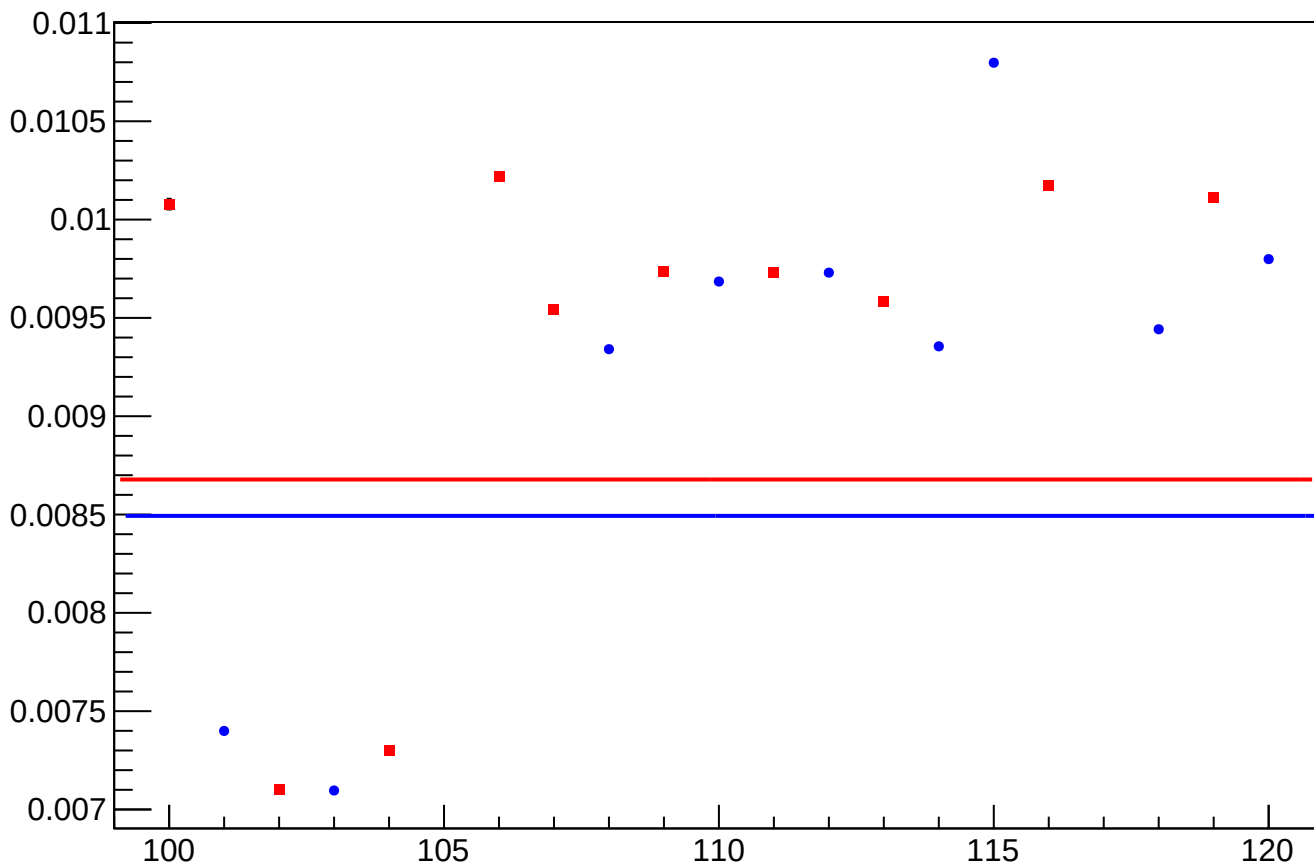
Right: -1.133+/-0.000 χ^2/NDF : 4298028847.1/18

In: -1.145+/-0.000 χ^2/NDF :2380369597.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.133+/-0.000 χ^2/NDF : 4298028847.1/1

yield_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 140971.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 173305.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

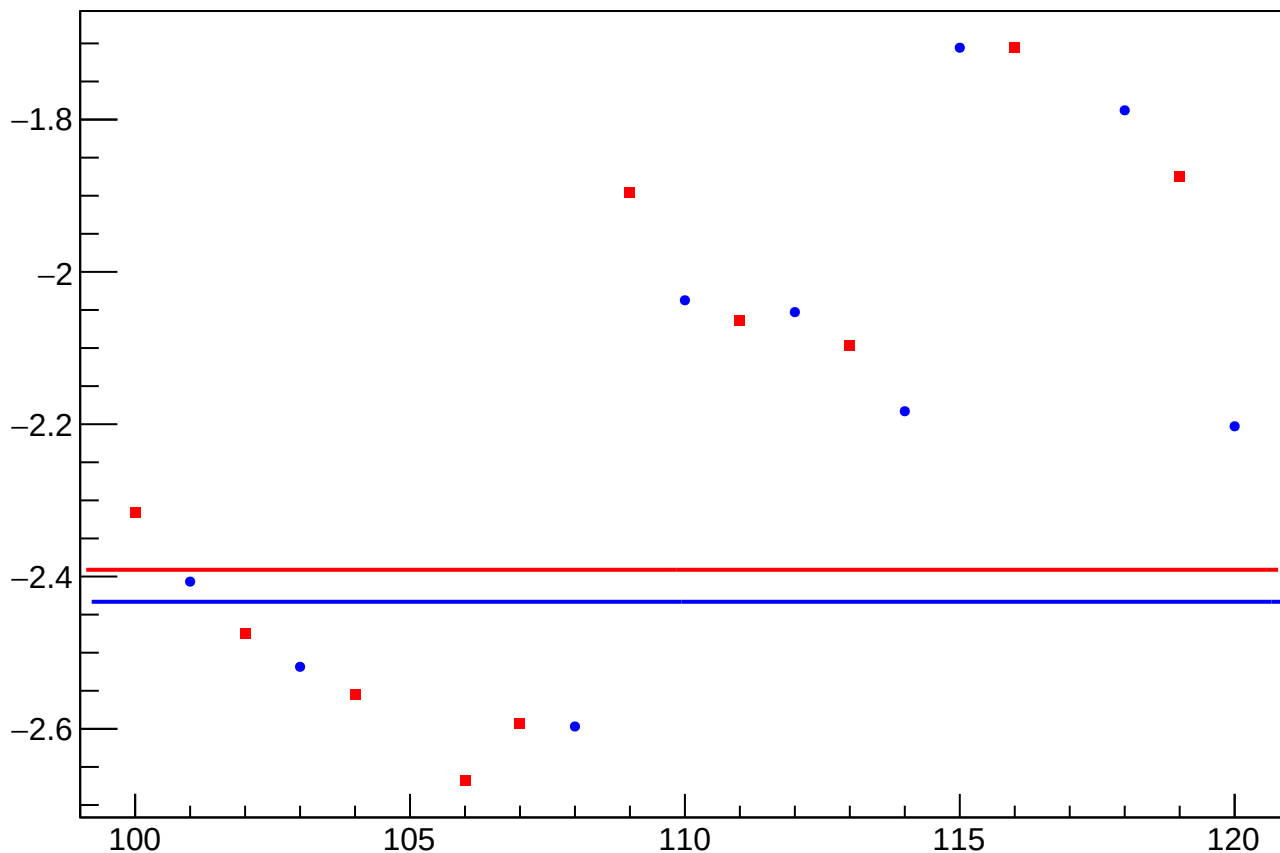
Right: 0.009+/-0.000 χ^2/NDF : 315933.7/18

In: 0.008+/-0.000 χ^2/NDF :140971.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.009+/-0.000 χ^2/NDF : 315933.7/18

yield_bpm0i05X_mean vs Slug, Sign Corrected



Right In: -2.433 ± 0.000 $\chi^2/\text{NDF}: 1544731437.6/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -2.391 ± 0.000 $\chi^2/\text{NDF}: 4080445869.1/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

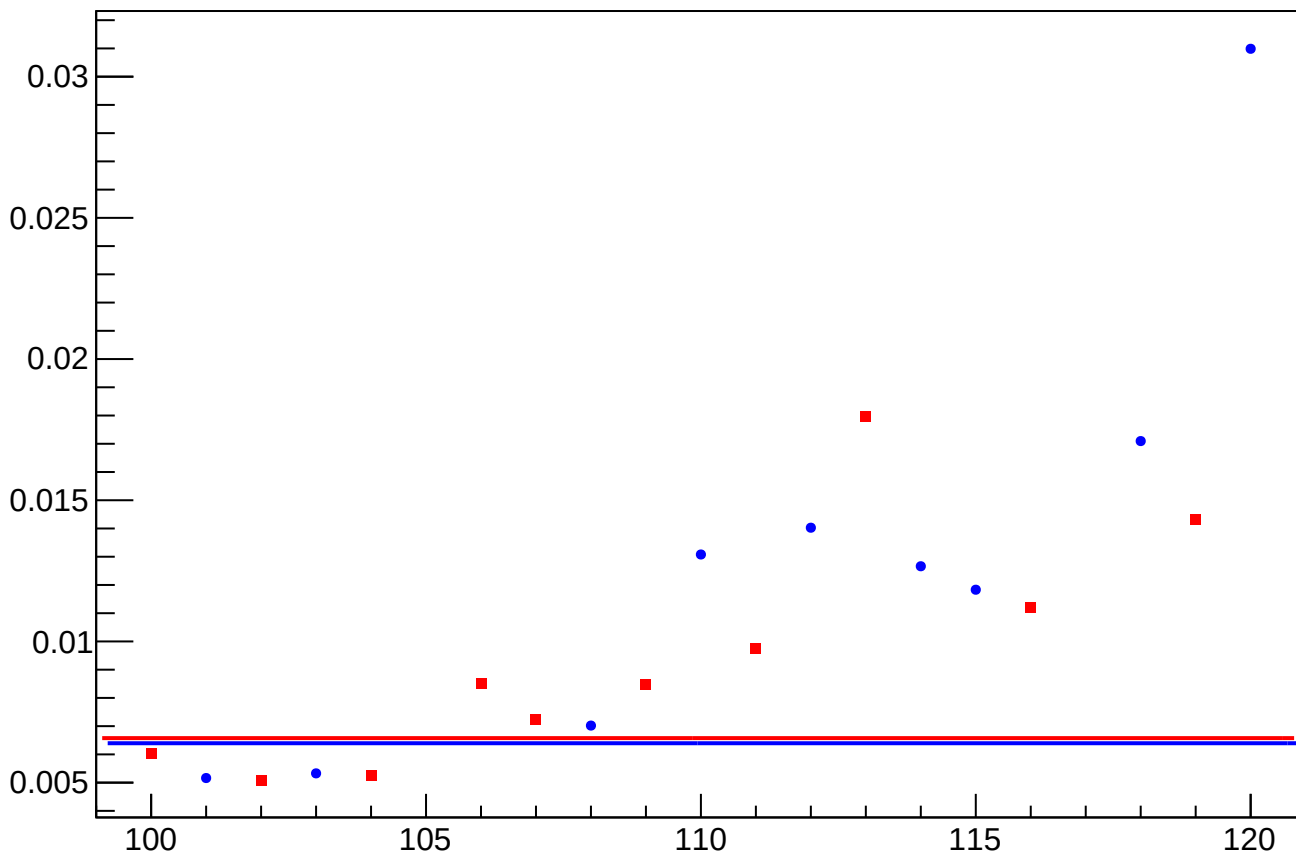
Right: -2.411 ± 0.000 $\chi^2/\text{NDF}: 5679129968.7/18$

In: -2.433 ± 0.000 $\chi^2/\text{NDF}: 1544731437.6/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -2.411 ± 0.000 $\chi^2/\text{NDF}: 5679129968.7/1$

yield_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 1128207.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 825687.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

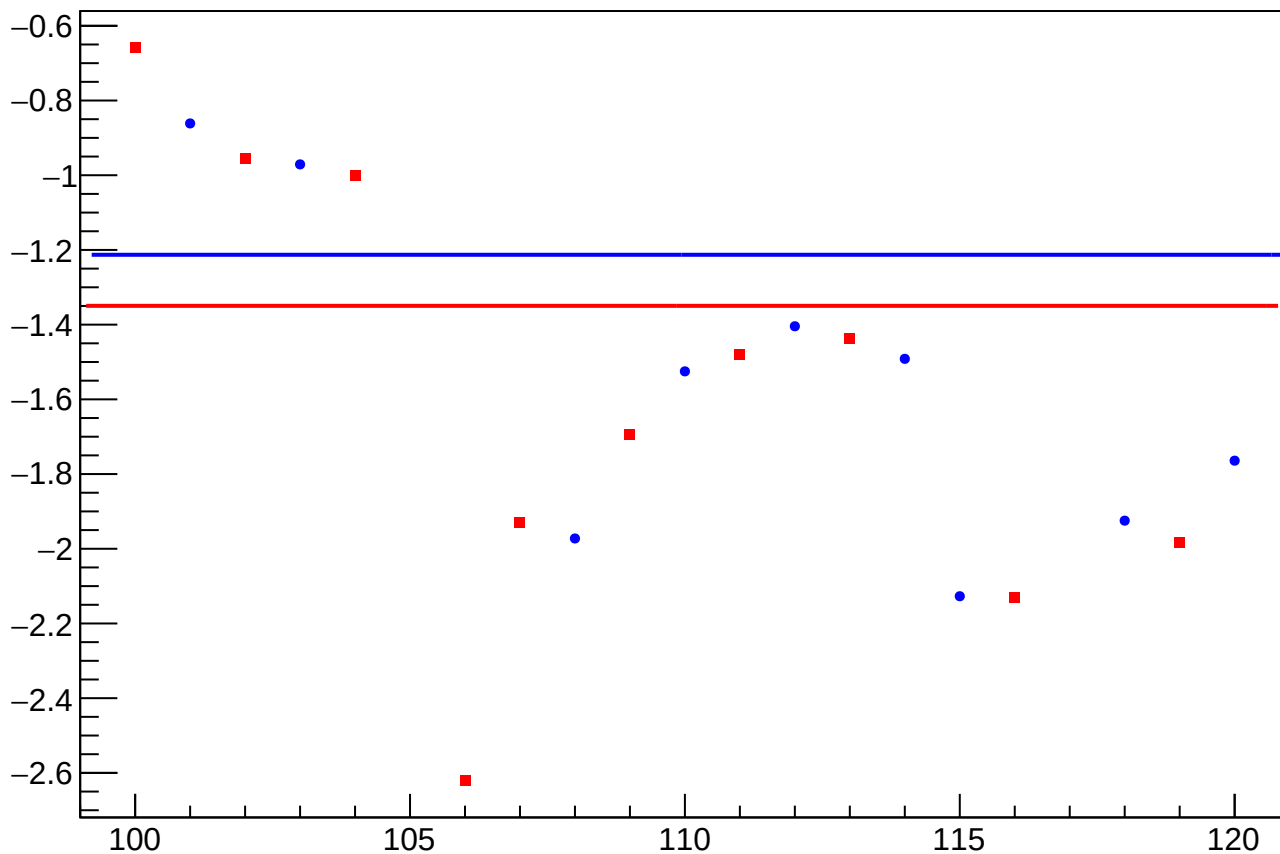
Right: 0.006+/-0.000 χ^2/NDF : 1955896.3/18

In: 0.006+/-0.000 χ^2/NDF :1128207.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1955896.3/18

yield_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: -1.213+/-0.000 χ^2/NDF : 12429097115.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.350+/-0.000 χ^2/NDF : 20624696602.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

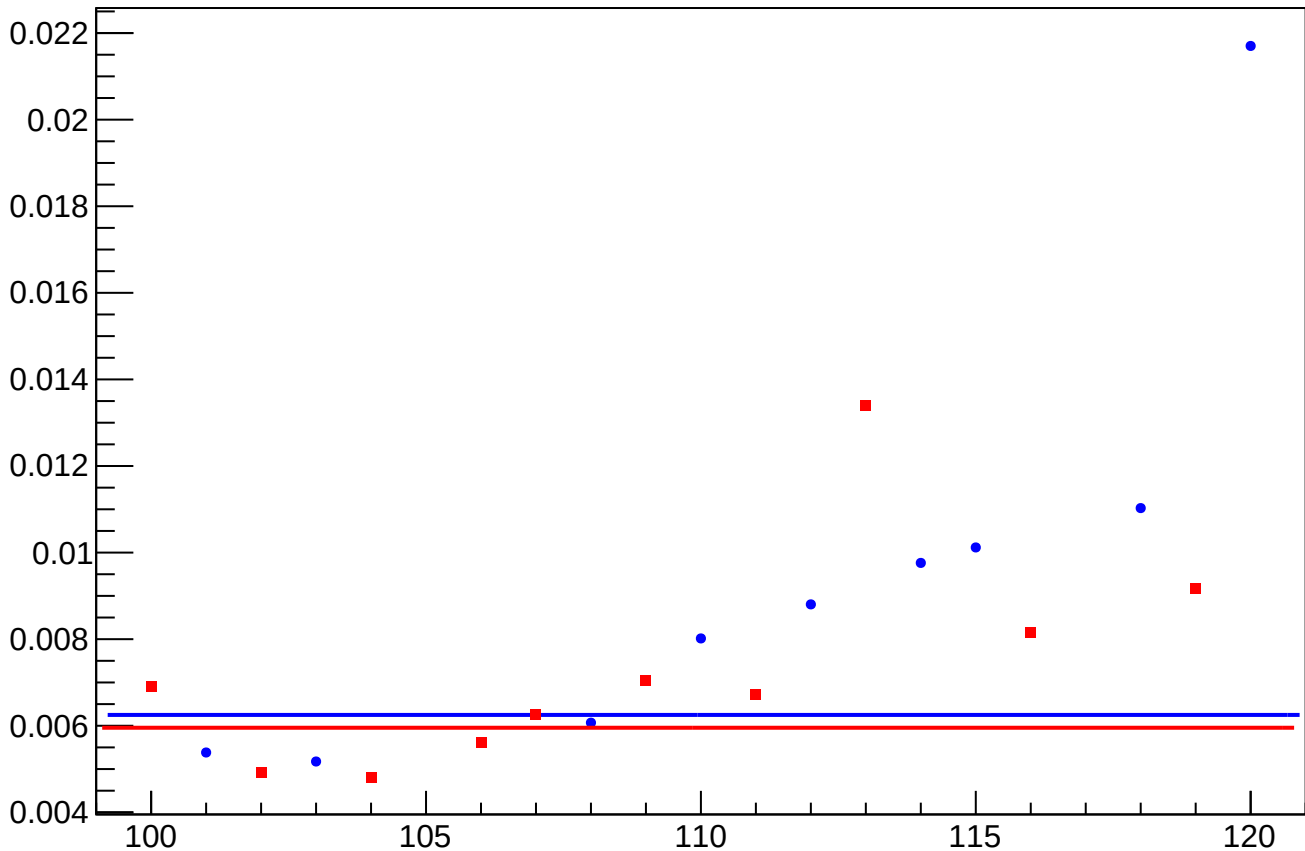
Right: -1.290+/-0.000 χ^2/NDF : 33748131000.2/18

In: -1.213+/-0.000 χ^2/NDF :12429097115.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.290+/-0.000 χ^2/NDF : 33748131000.2/18

yield_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 587328.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 426189.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

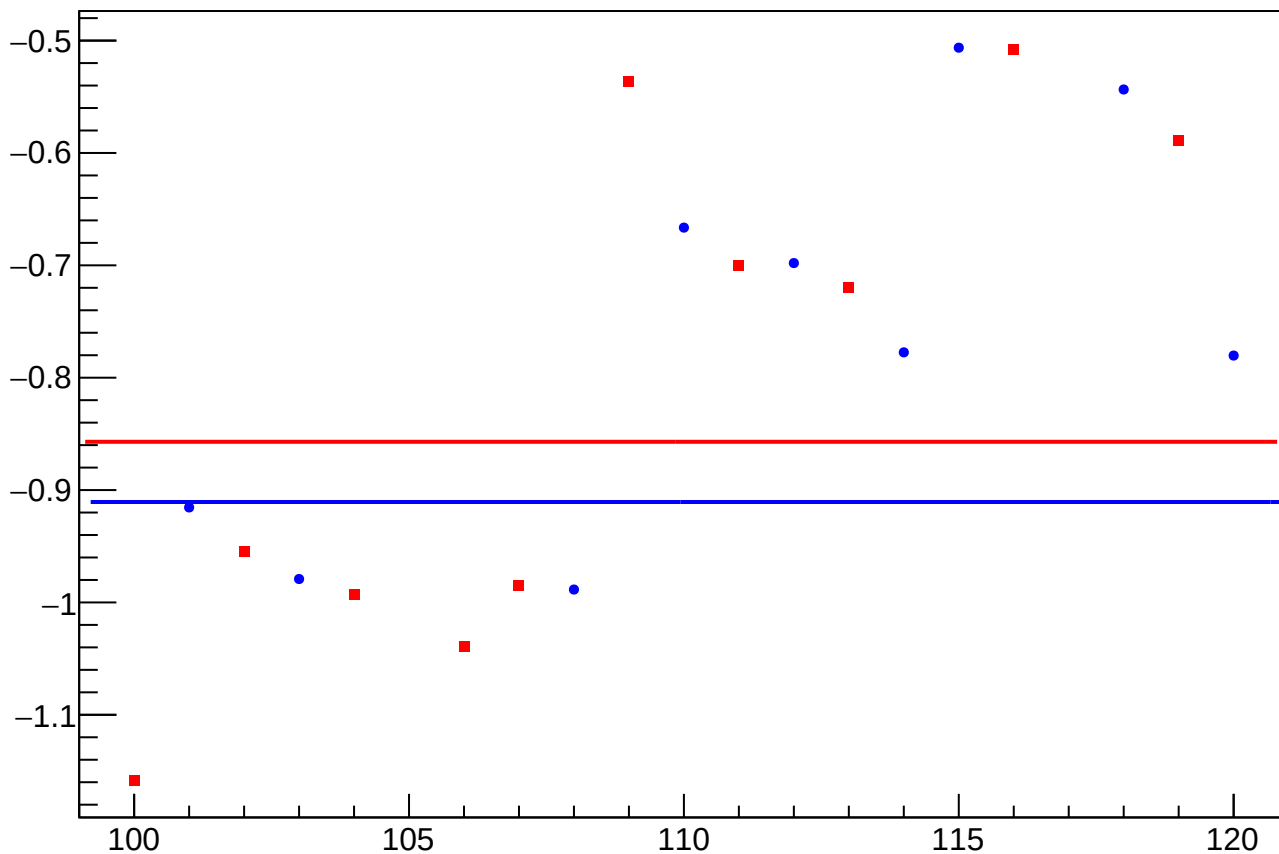
Right: 0.006+/-0.000 χ^2/NDF : 1020039.2/18

In: 0.006+/-0.000 χ^2/NDF : 587328.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1020039.2/18

yield_bpm0i07X_mean vs Slug, Sign Corrected



Right In: -0.911+/-0.000 χ^2/NDF : 1271858441.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.857+/-0.000 χ^2/NDF : 4166094600.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

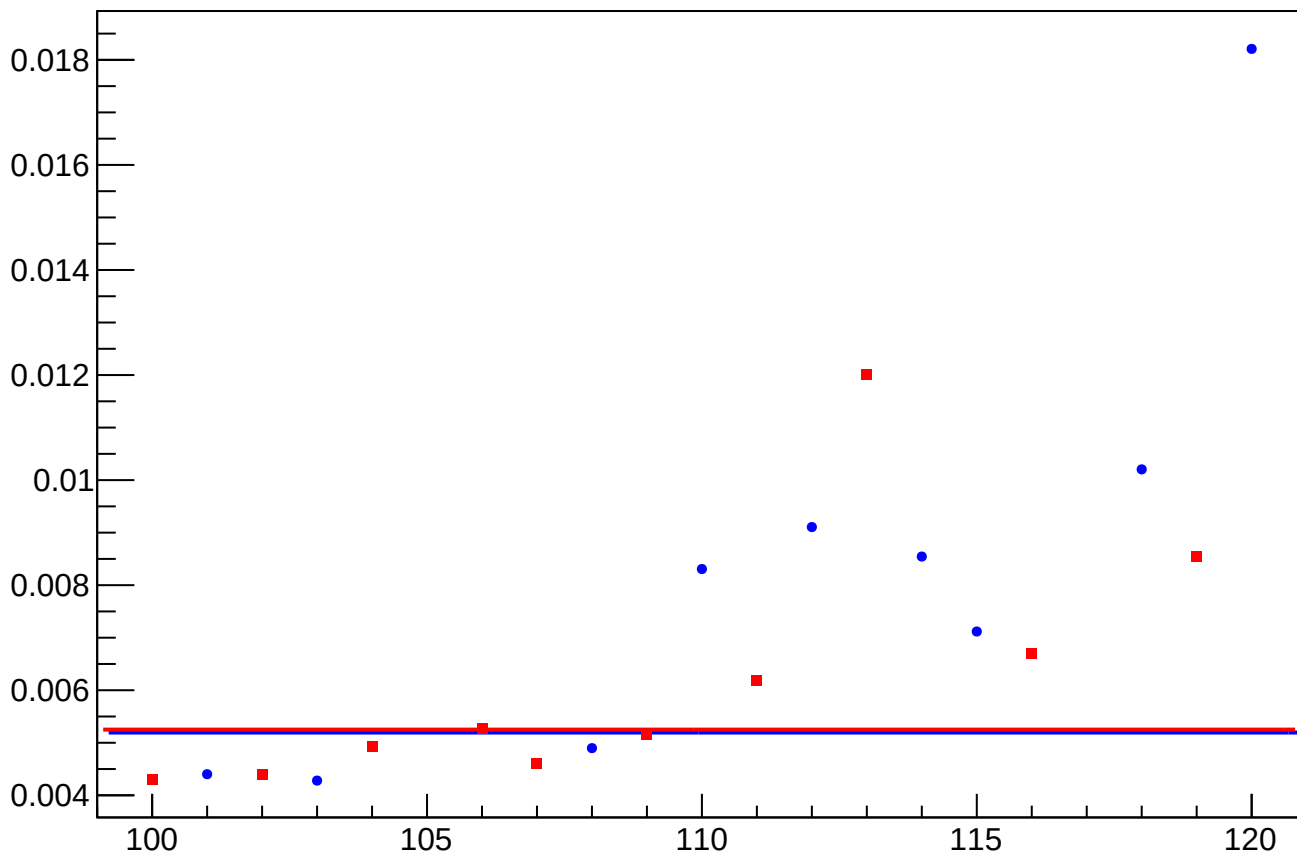
Right: -0.882+/-0.000 χ^2/NDF : 5584297321.5/18

In: -0.911+/-0.000 χ^2/NDF :1271858441.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.882+/-0.000 χ^2/NDF : 5584297321.5/18

yield_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 780911.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 404468.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

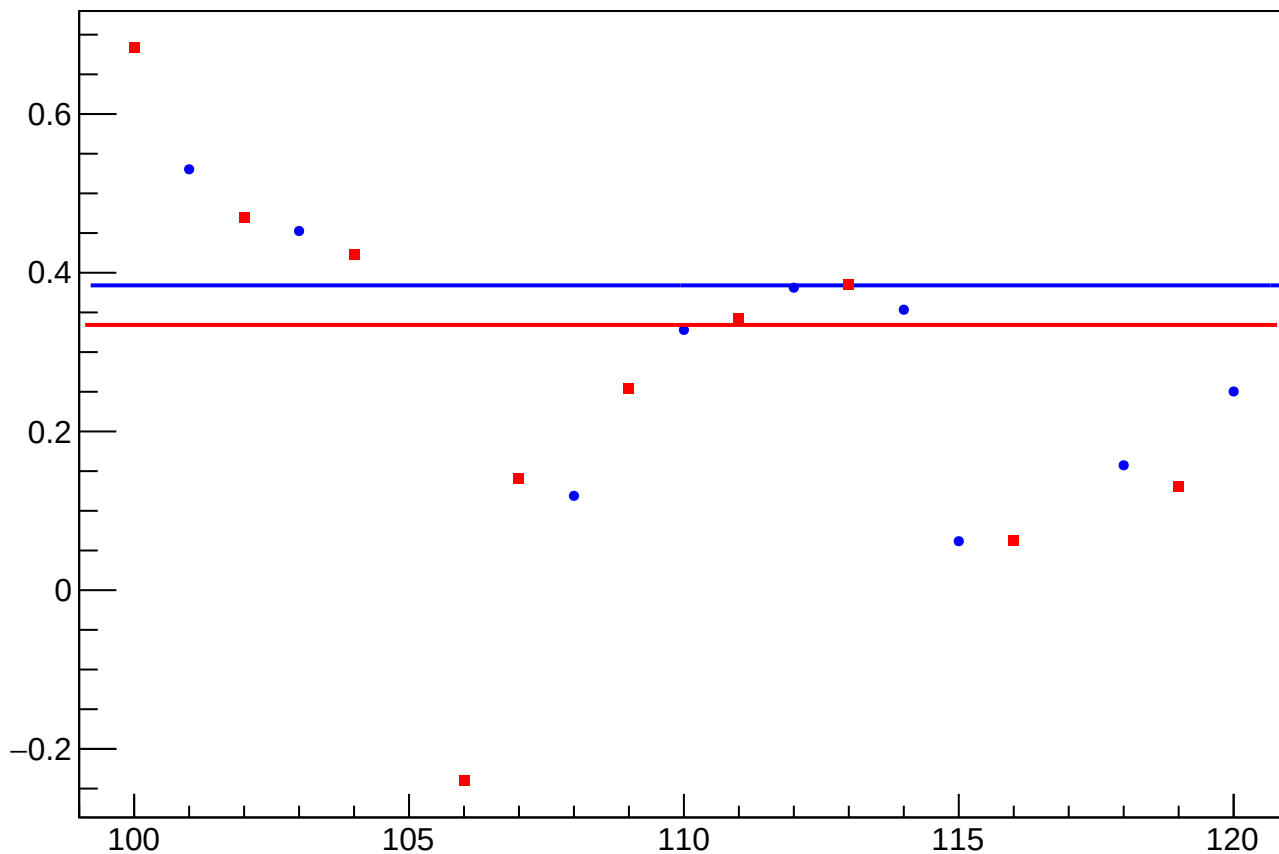
Right: 0.005+/-0.000 χ^2/NDF : 1185696.7/18

In: 0.005+/-0.000 χ^2/NDF : 780911.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1185696.7/18

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.384+/-0.000 χ^2/NDF : 3665308005.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.334+/-0.000 χ^2/NDF : 5869432669.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

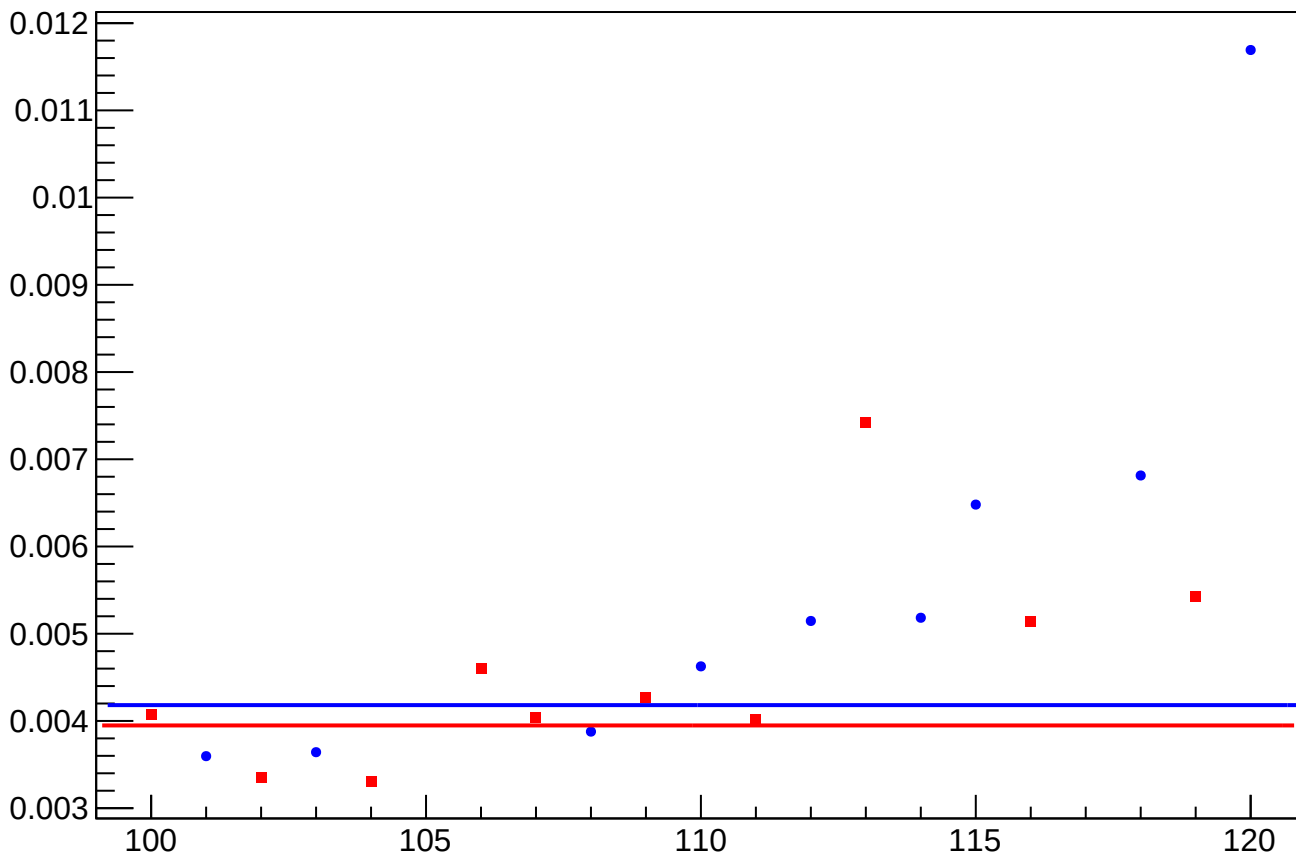
Right: 0.356+/-0.000 χ^2/NDF : 9755181940.8/18

In: 0.384+/-0.000 χ^2/NDF : 3665308005.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.356+/-0.000 χ^2/NDF : 9755181940.8/18

yield_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 453342.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 288338.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

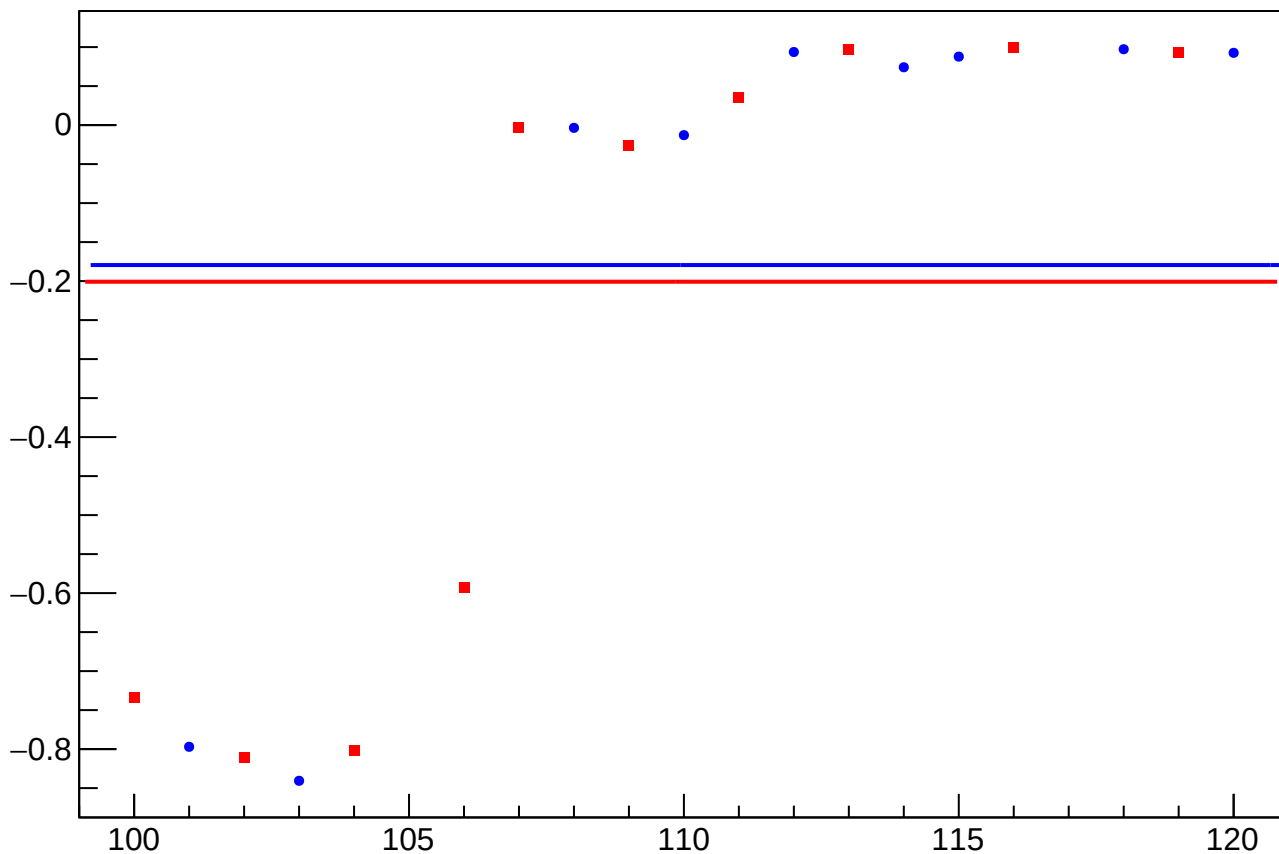
Right: 0.004+/-0.000 χ^2/NDF : 751314.9/18

In: 0.004+/-0.000 χ^2/NDF : 453342.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 751314.9/18

yield_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -0.179+/-0.000 χ^2/NDF : 4860109256.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.201+/-0.000 χ^2/NDF : 5285974161.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

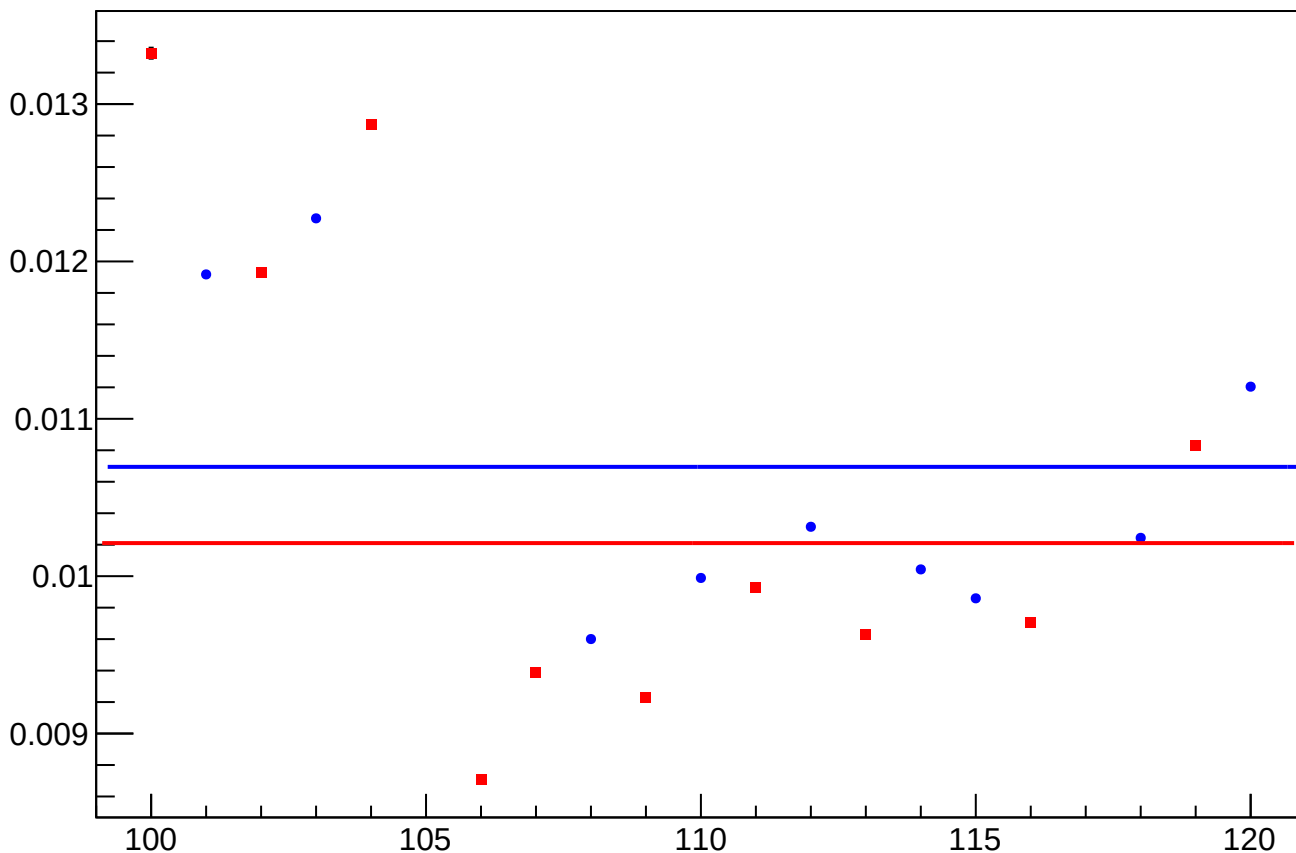
Right: -0.191+/-0.000 χ^2/NDF : 10154068096.6/18

In: -0.179+/-0.000 χ^2/NDF :4860109256.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.191+/-0.000 χ^2/NDF : 10154068096.6/18

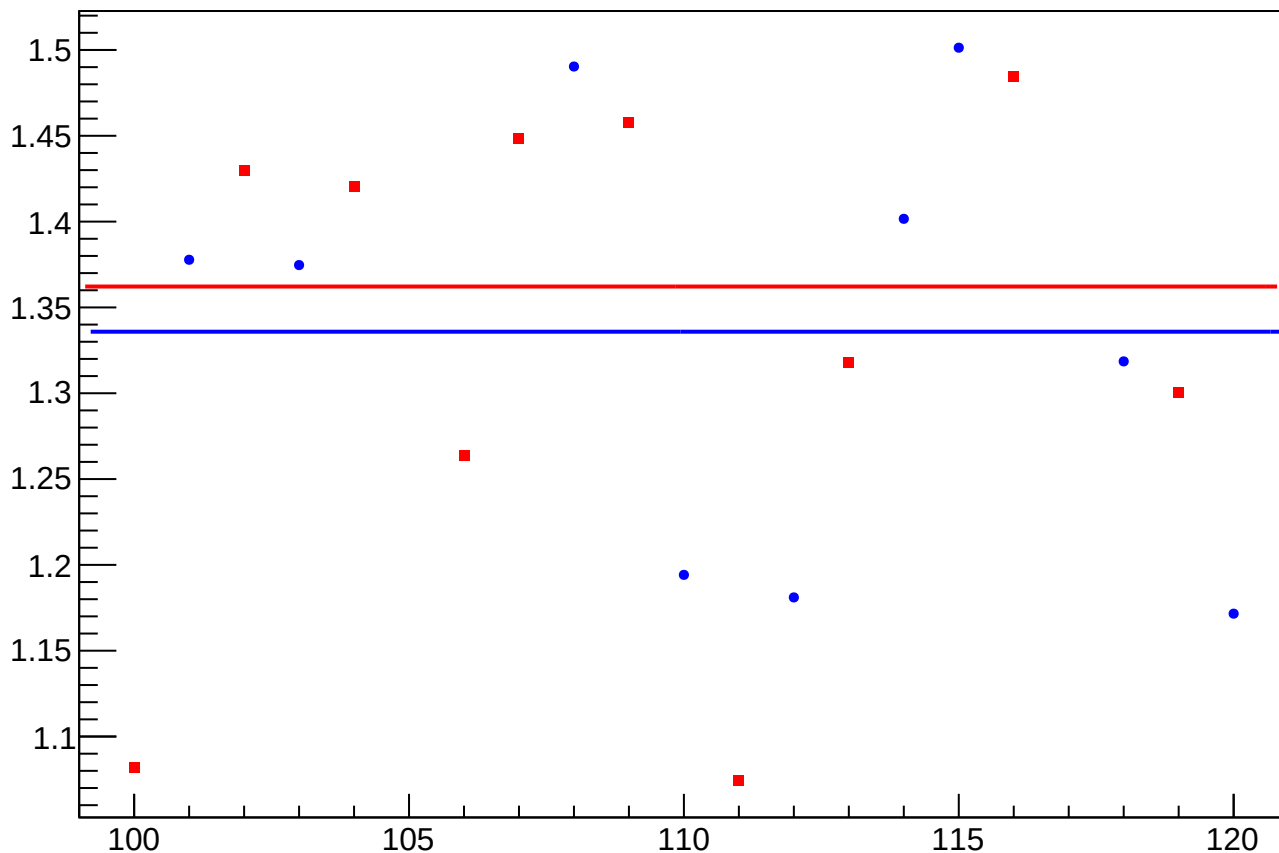
yield_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 55535.6/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.010+/-0.000 χ^2/NDF : 123452.9/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.010+/-0.000 χ^2/NDF : 187186.9/18
 In: 0.011+/-0.000 χ^2/NDF : 55535.6/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.010+/-0.000 χ^2/NDF : 187186.9/18

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.336+/-0.000 χ^2/NDF : 763022481.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.362+/-0.000 χ^2/NDF : 1122927845.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

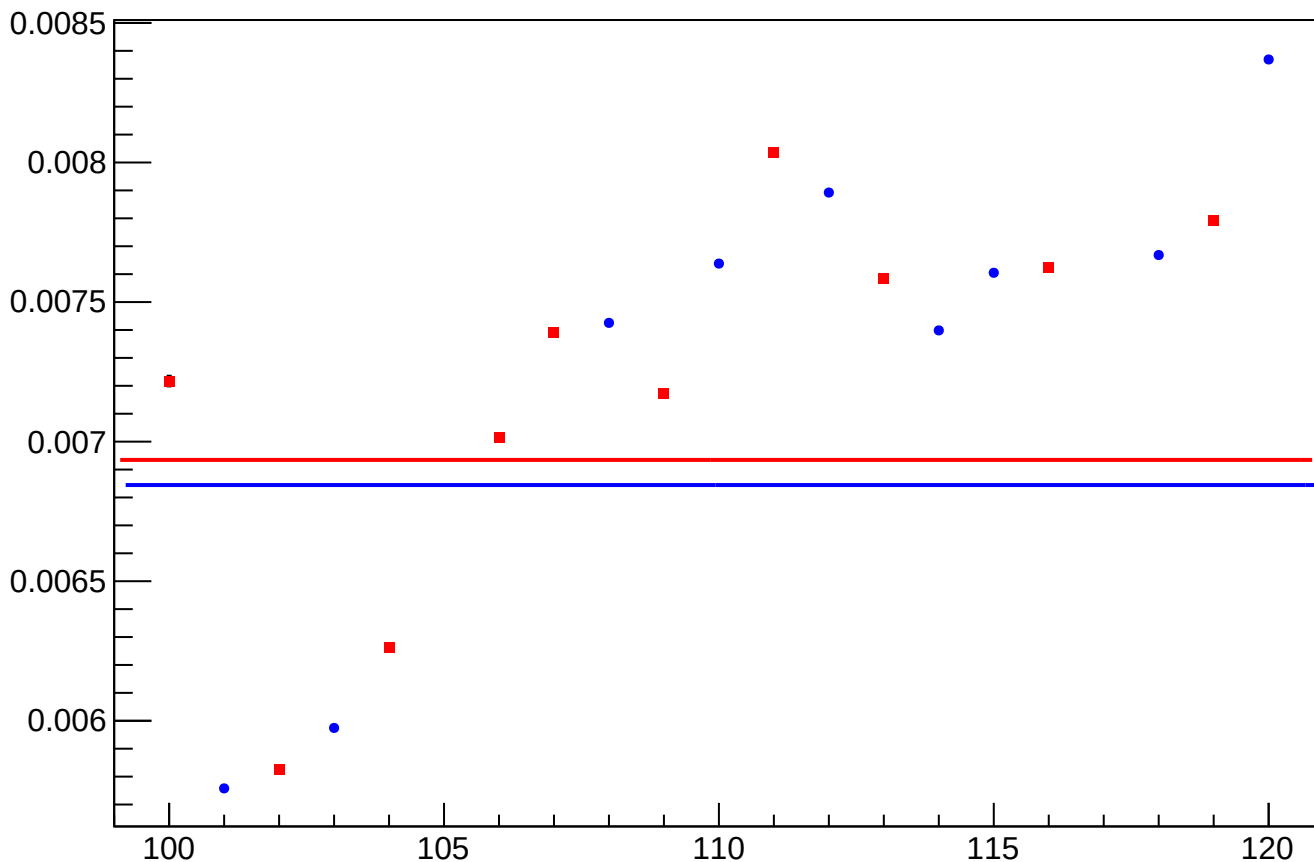
Right: 1.350+/-0.000 χ^2/NDF : 1913729692.5/18

In: 1.336+/-0.000 χ^2/NDF : 763022481.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.350+/-0.000 χ^2/NDF : 1913729692.5/18

yield_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 141465.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 104243.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

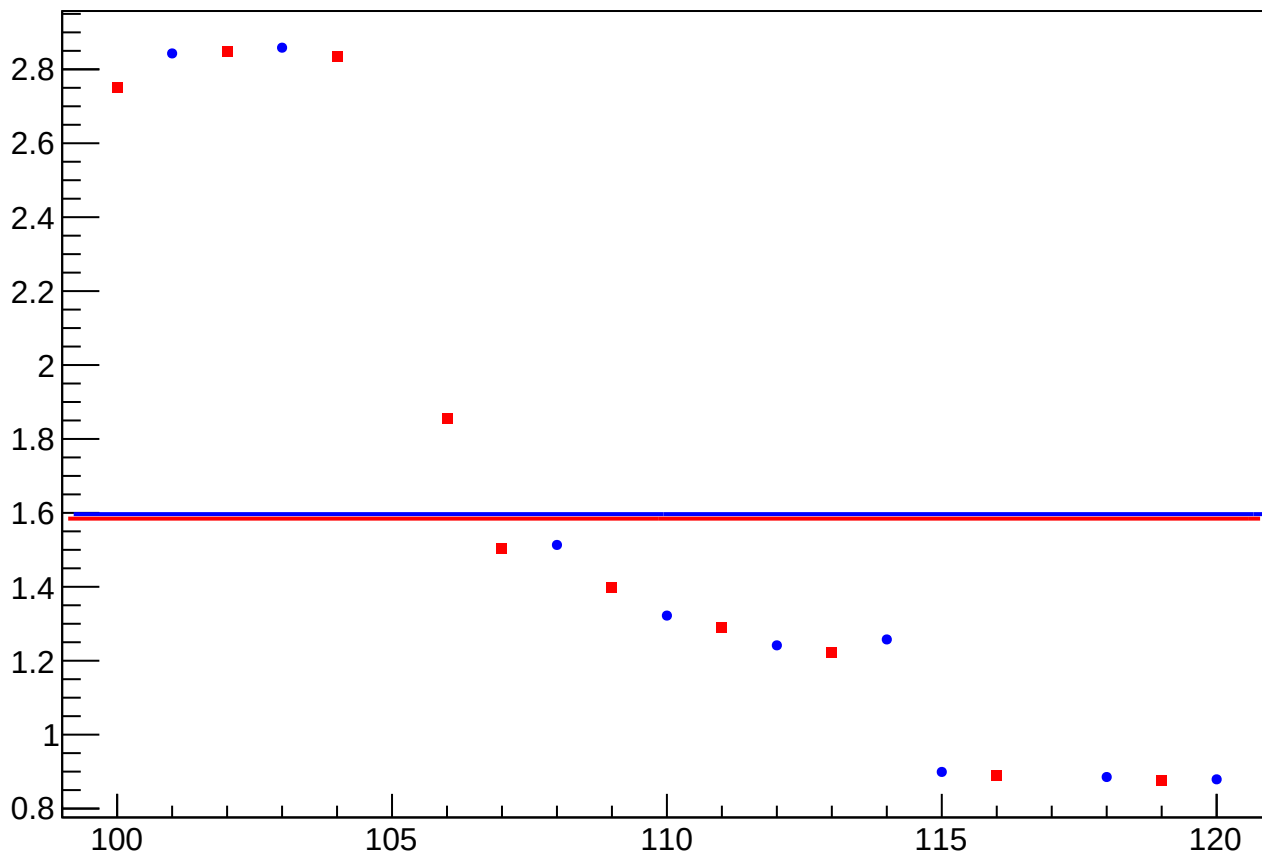
Right: 0.007+/-0.000 χ^2/NDF : 246358.3/18

In: 0.007+/-0.000 χ^2/NDF : 141465.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 246358.3/18

yield_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 1.597+/-0.000 χ^2/NDF : 44025780972.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.584+/-0.000 χ^2/NDF : 40678565129.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

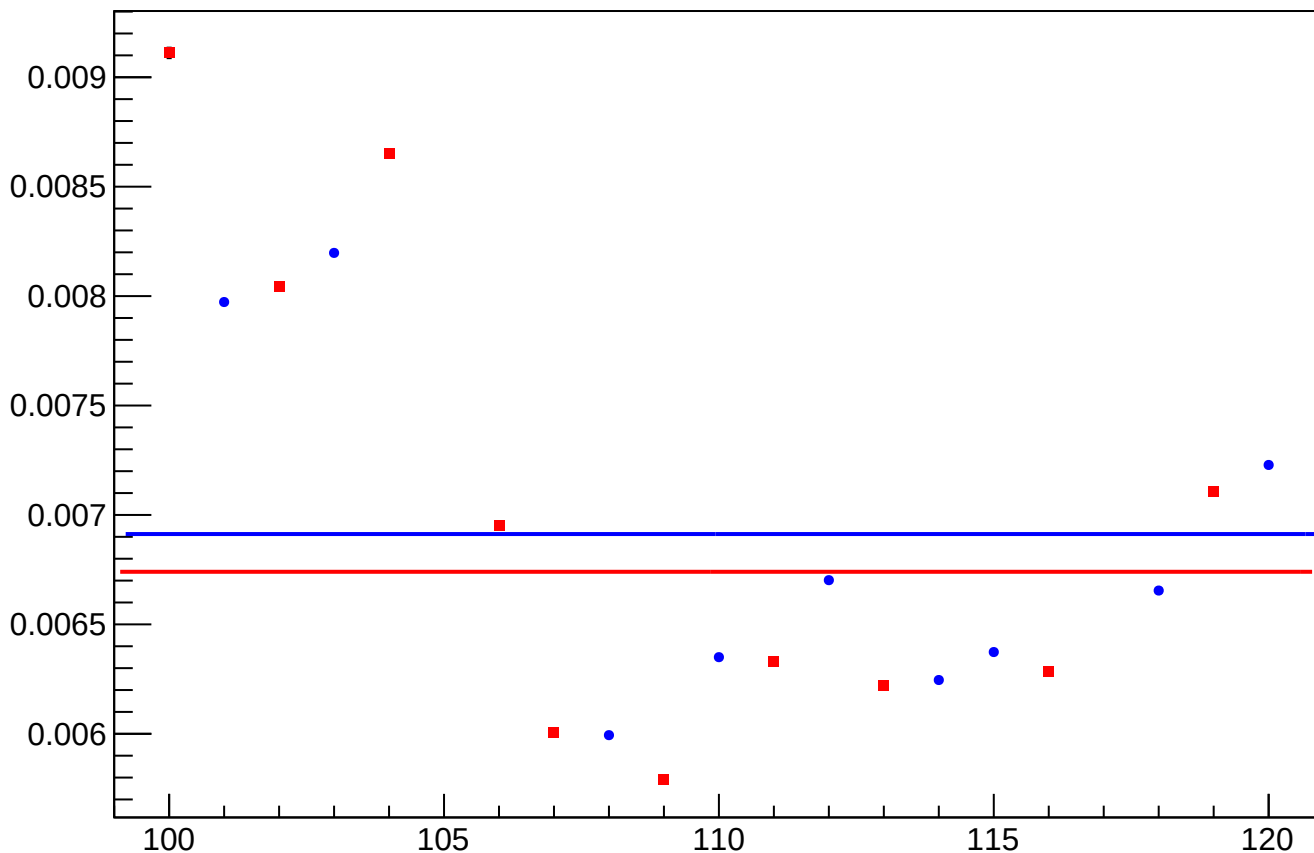
Right: 1.590+/-0.000 χ^2/NDF : 84710364100.3/18

In: 1.597+/-0.000 χ^2/NDF : 44025780972.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.590+/-0.000 χ^2/NDF : 84710364100.3/18

yield_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 85618.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 147152.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

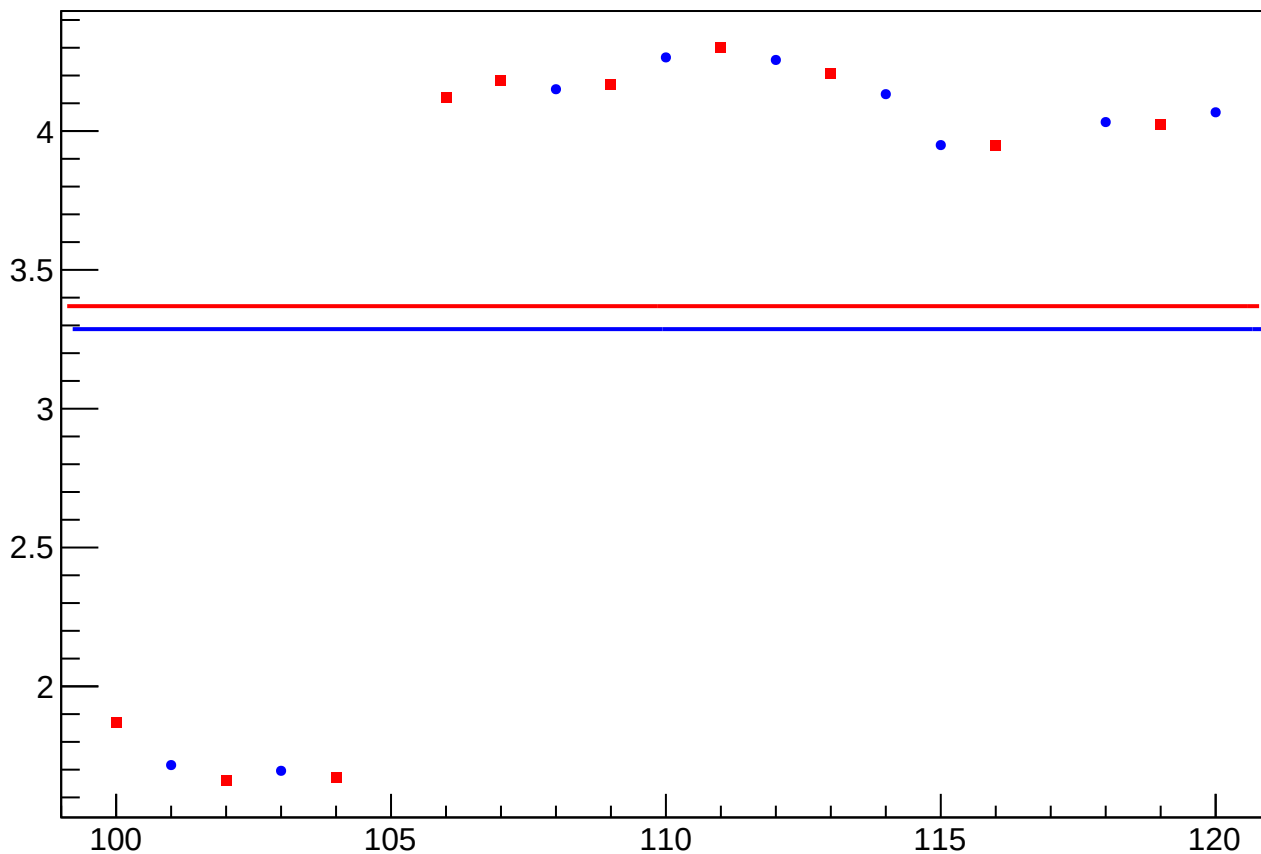
Right: 0.007+/-0.000 χ^2/NDF : 235196.1/18

In: 0.007+/-0.000 χ^2/NDF :85618.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 235196.1/18

yield_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 3.287+/-0.000 χ^2/NDF : 174607230113.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.369+/-0.000 χ^2/NDF : 188086263416.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

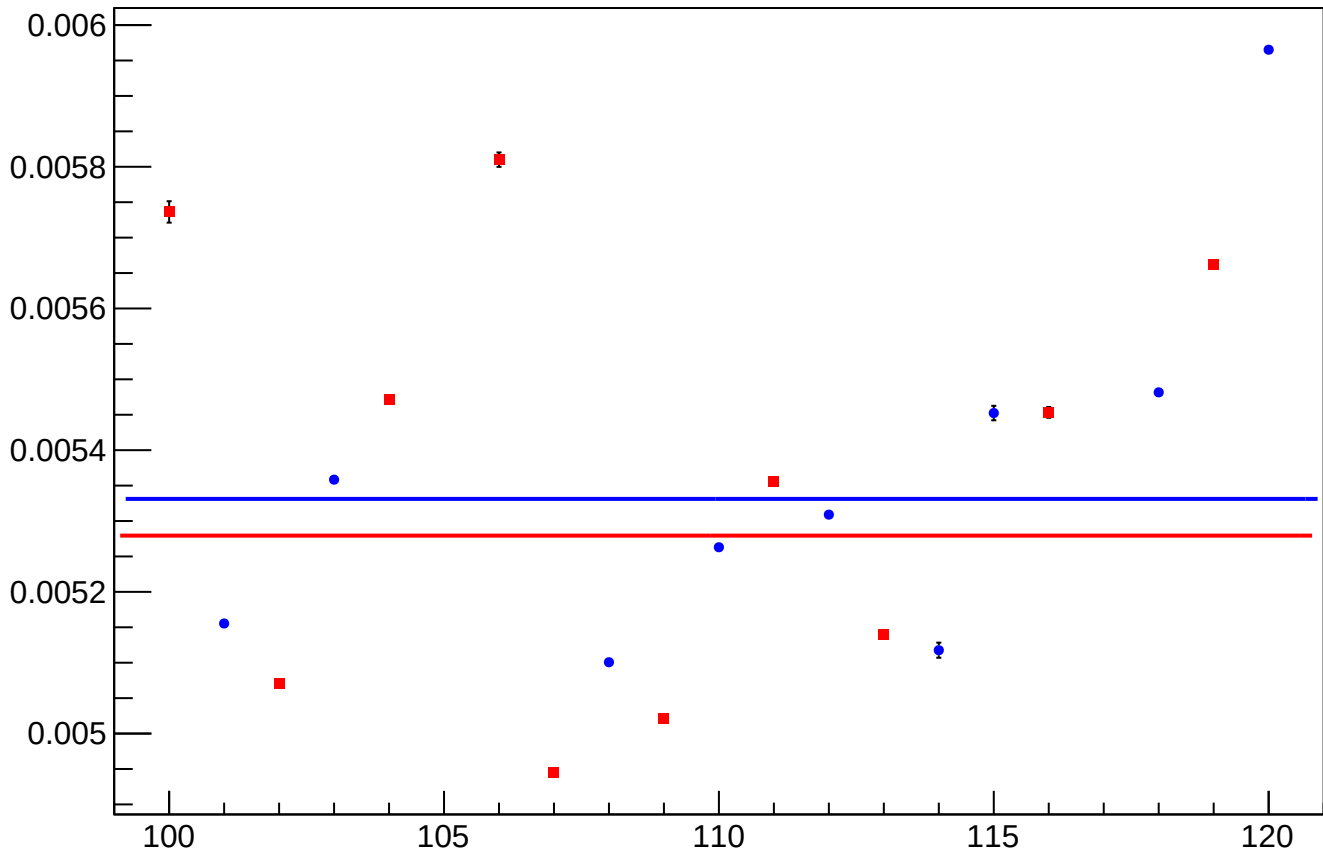
Right: 3.330+/-0.000 χ^2/NDF : 363154129953.7/18

In: 3.287+/-0.000 χ^2/NDF : 174607230113.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.330+/-0.000 χ^2/NDF : 363154129953.7

yield_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 12540.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 19040.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

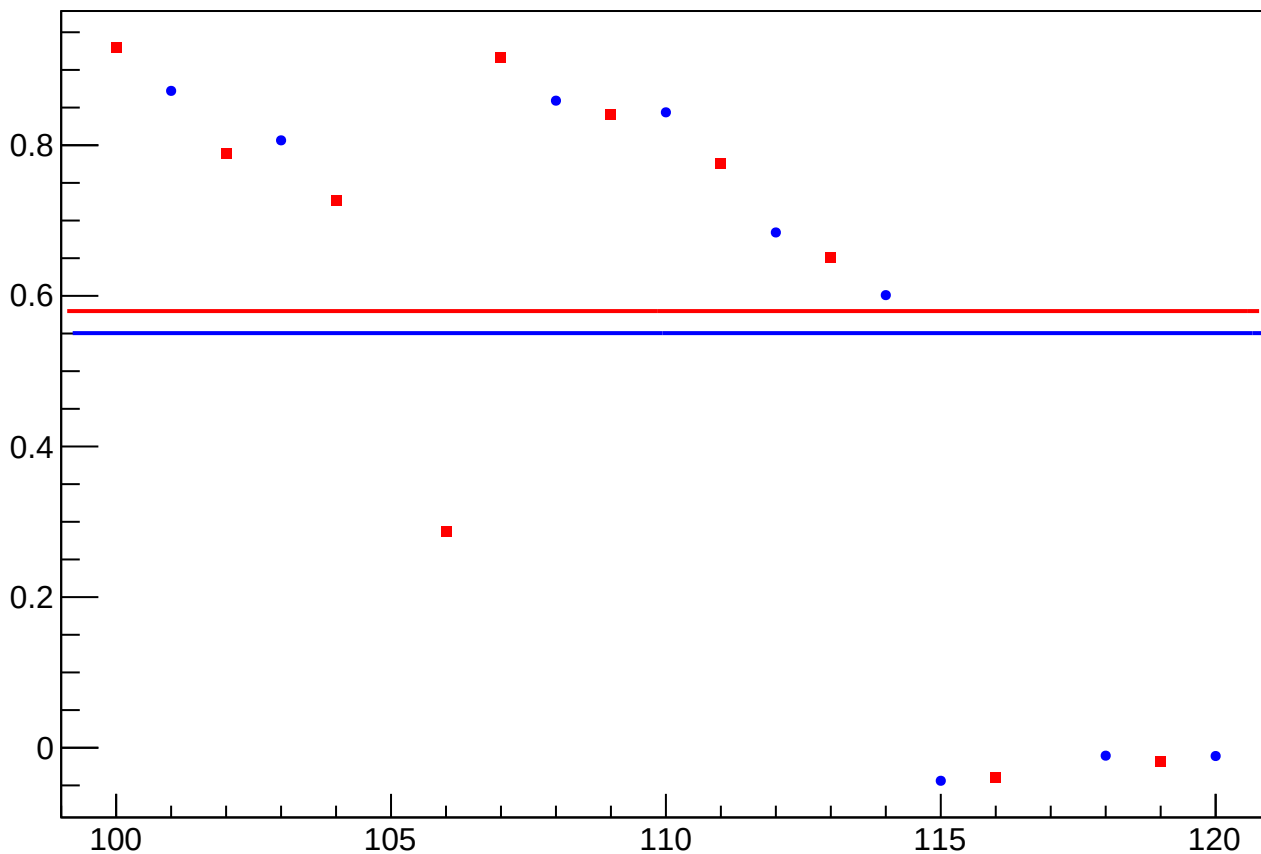
Right: 0.005+/-0.000 χ^2/NDF : 31942.7/18

In: 0.005+/-0.000 χ^2/NDF : 12540.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 31942.7/18

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.551+/-0.000 χ^2/NDF : 2613647360.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.580+/-0.000 χ^2/NDF : 2307566741.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

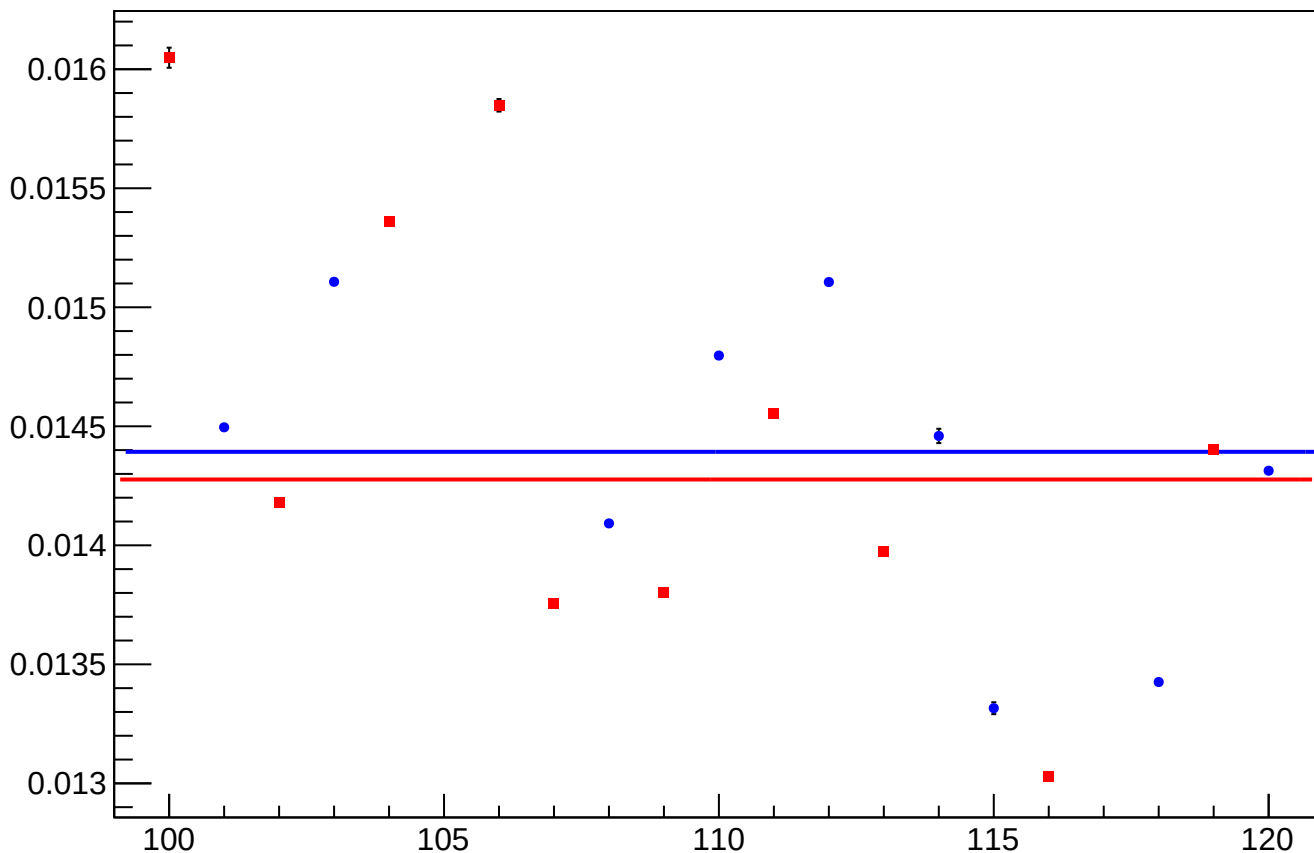
Right: 0.566+/-0.000 χ^2/NDF : 4929105222.1/18

In: 0.551+/-0.000 χ^2/NDF : 2613647360.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.566+/-0.000 χ^2/NDF : 4929105222.1/18

yield_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 13240.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 18079.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

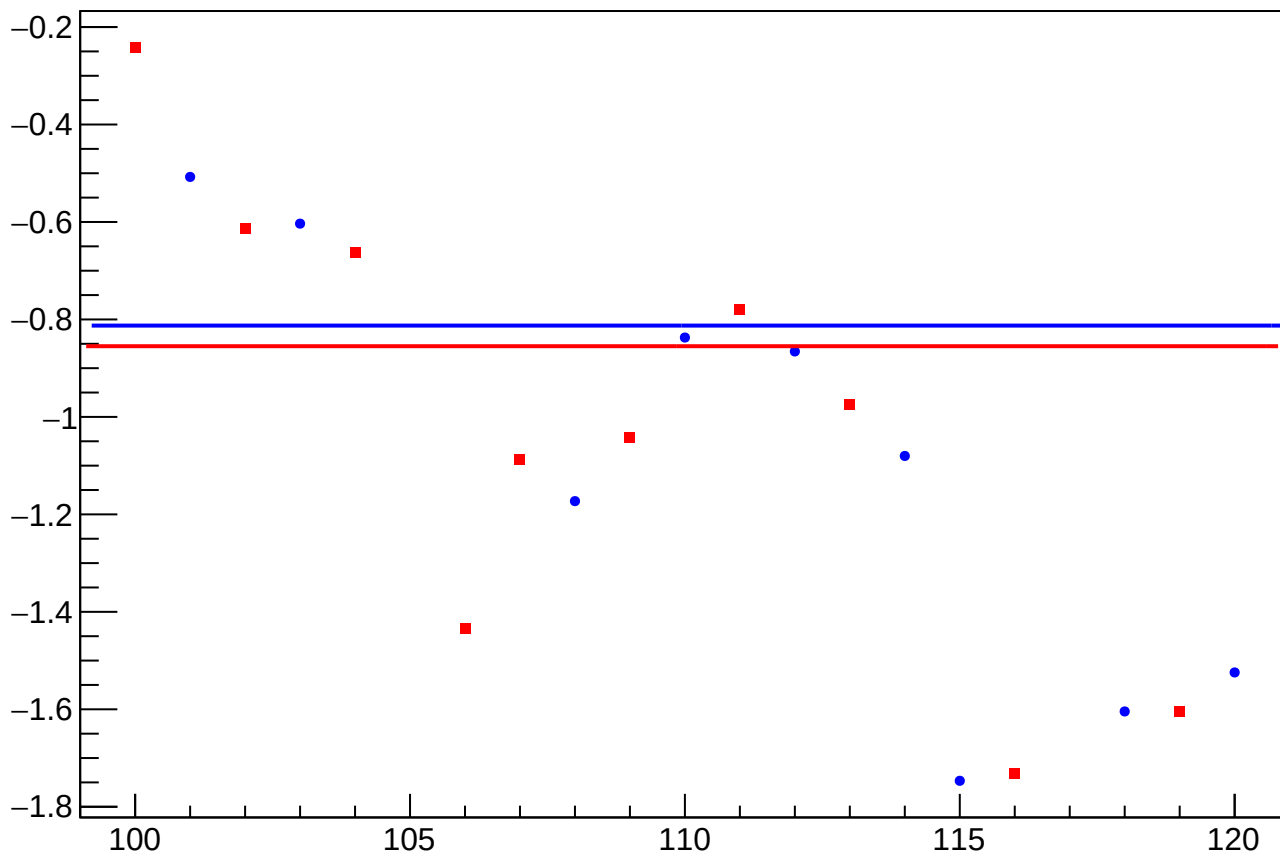
Right: 0.014+/-0.000 χ^2/NDF : 31568.8/18

In: 0.014+/-0.000 χ^2/NDF : 13240.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 31568.8/18

yield_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: -0.813+/-0.000 χ^2/NDF : 19541217125.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.855+/-0.000 χ^2/NDF : 17532702203.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

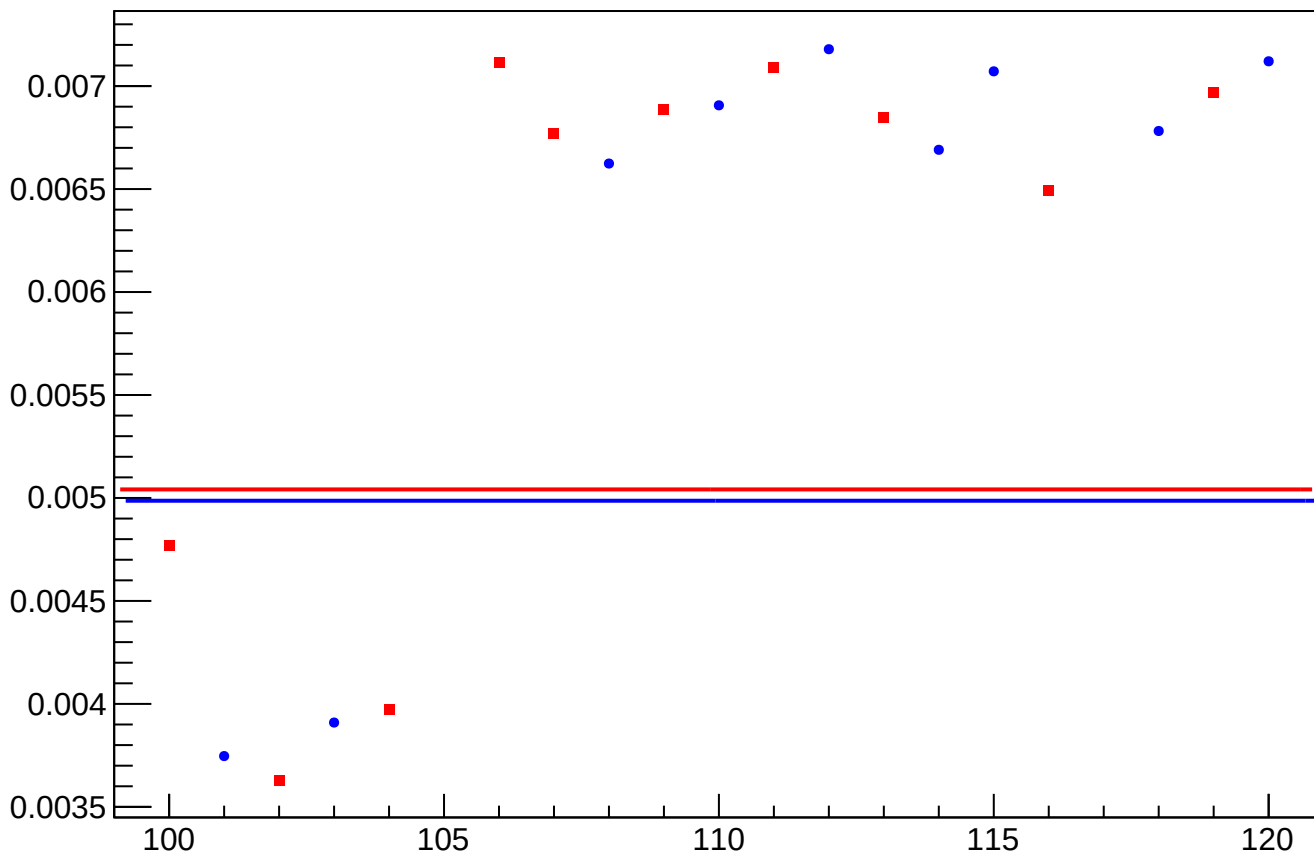
Right: -0.834+/-0.000 χ^2/NDF : 37190127269.4/18

In: -0.813+/-0.000 χ^2/NDF :19541217125.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.834+/-0.000 χ^2/NDF : 37190127269.4/18

yield_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 568699.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 626022.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

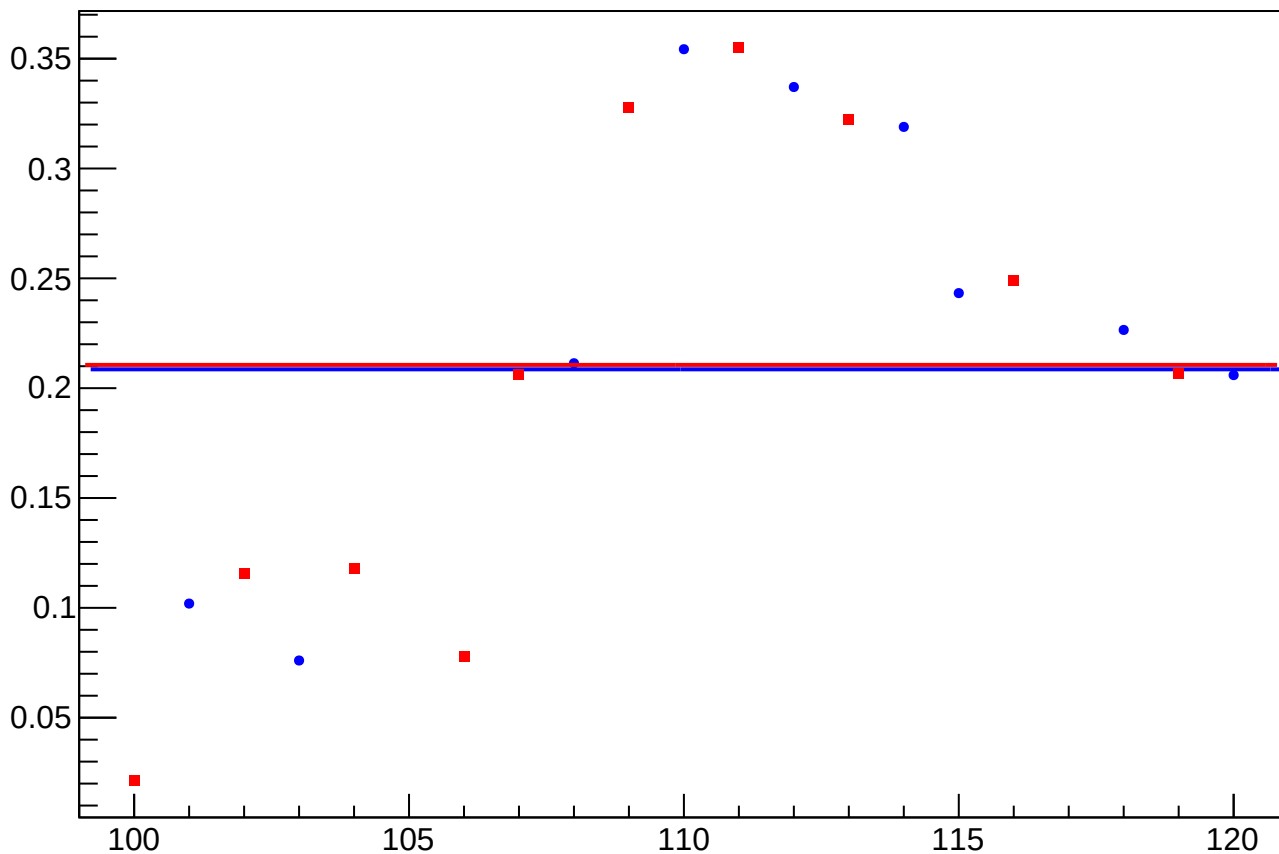
Right: 0.005+/-0.000 χ^2/NDF : 1195114.7/18

In: 0.005+/-0.000 χ^2/NDF :568699.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1195114.7/18

yield_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 0.209+/-0.000 χ^2/NDF : 14075571638.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.211+/-0.000 χ^2/NDF : 19120236804.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

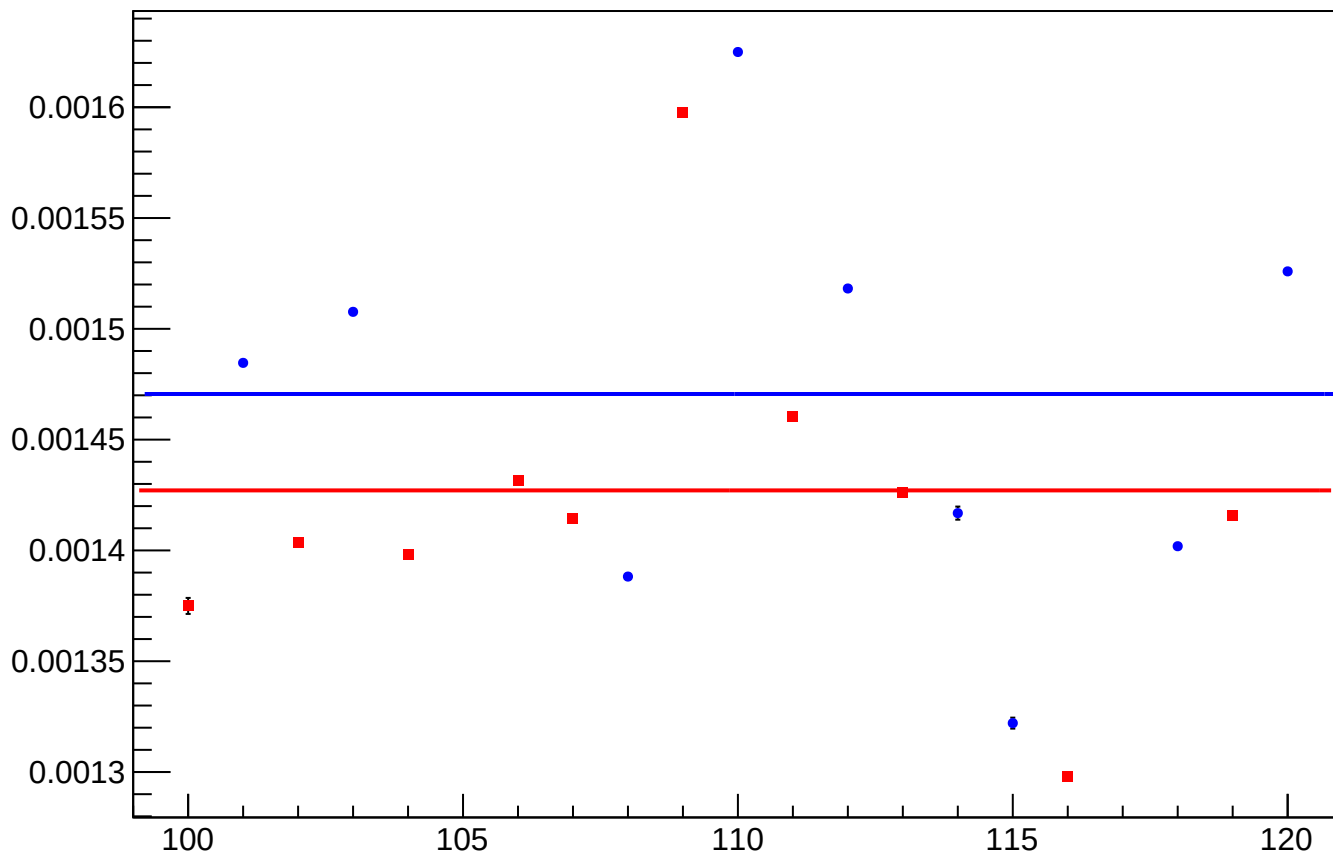
Right: 0.210+/-0.000 χ^2/NDF : 33199356867.9/18

In: 0.209+/-0.000 χ^2/NDF : 14075571638.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.210+/-0.000 χ^2/NDF : 33199356867.9/18

yield_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 18031.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 18355.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

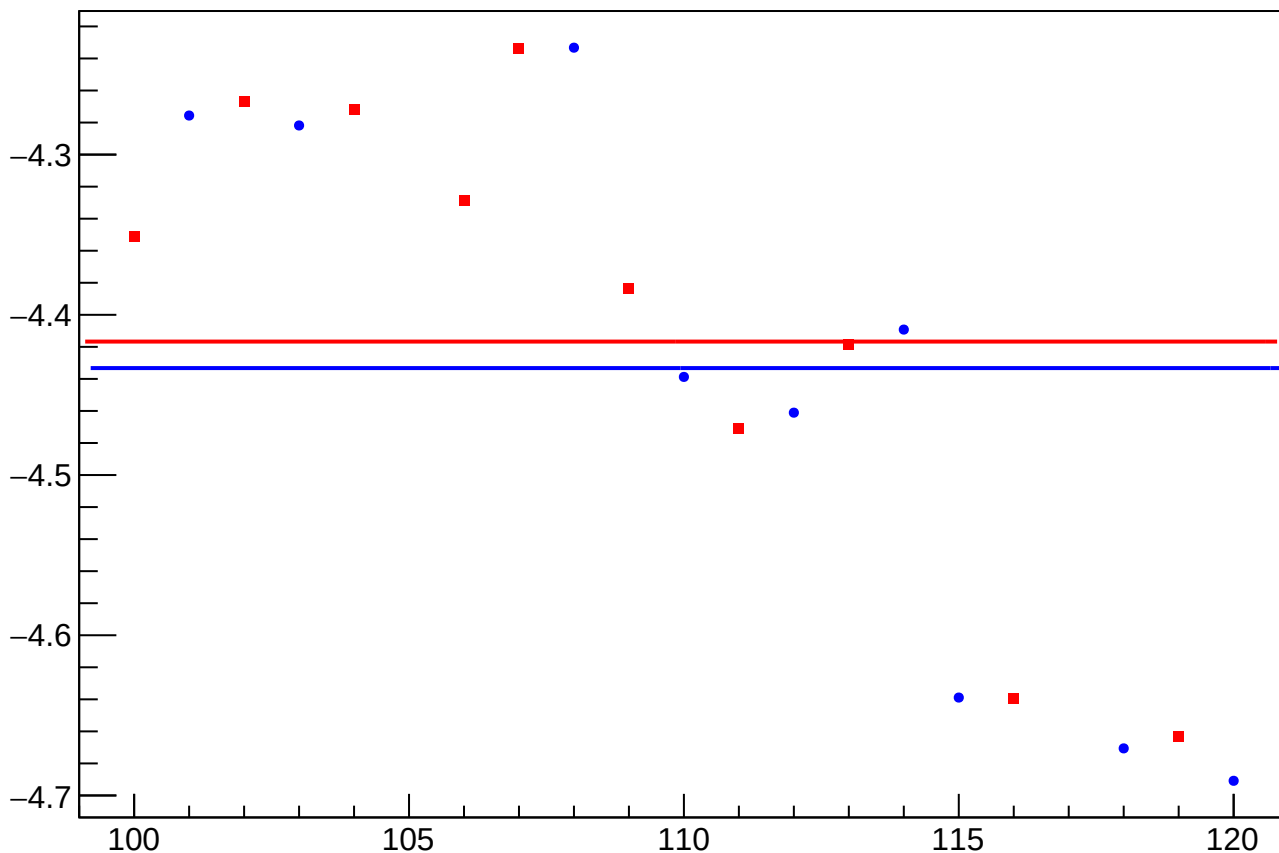
Right: 0.001+/-0.000 χ^2/NDF : 39693.2/18

In: 0.001+/-0.000 χ^2/NDF : 18031.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 39693.2/18

yield_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -4.433+/-0.000 χ^2/NDF : 37791309525.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.417+/-0.000 χ^2/NDF : 29668208824.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

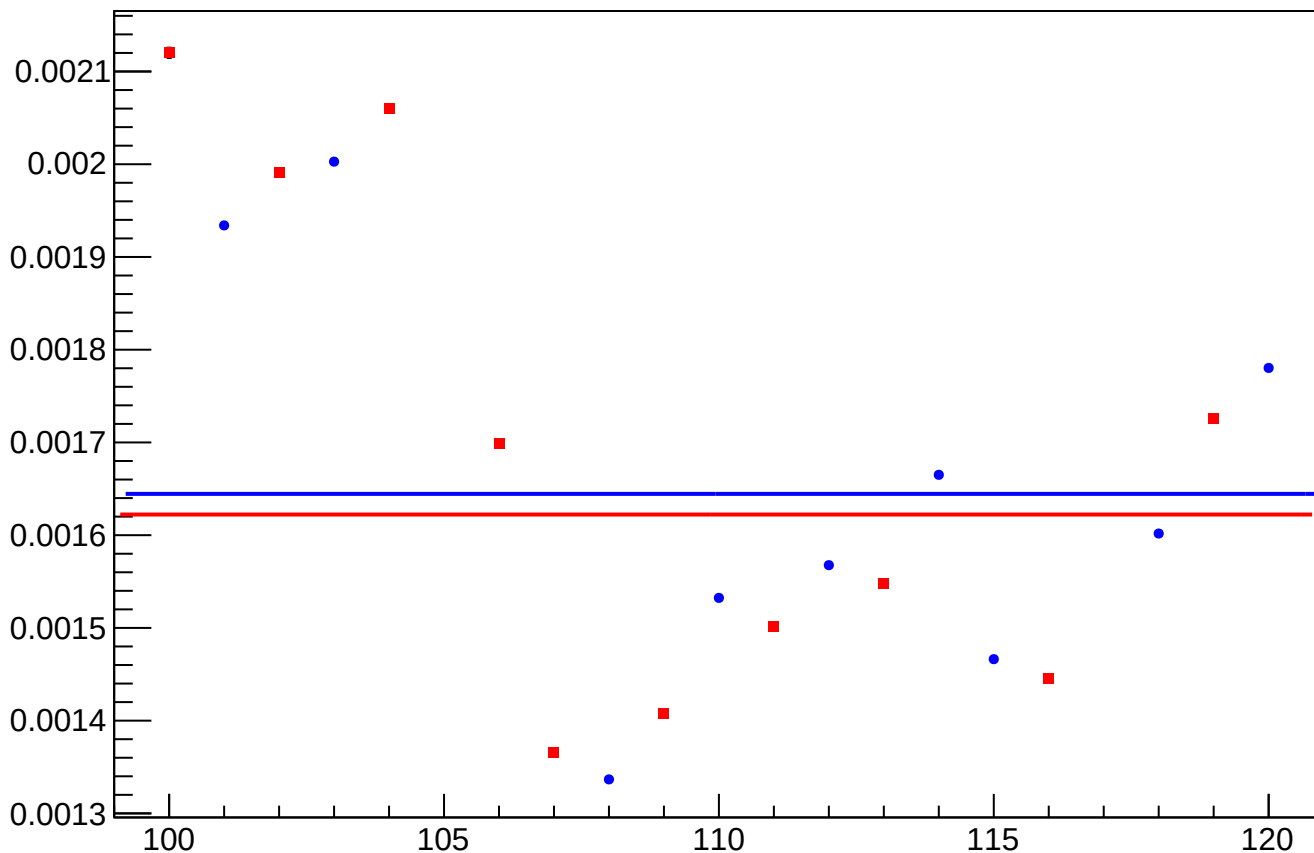
Right: -4.424+/-0.000 χ^2/NDF : 67649503319.2/18

In: -4.433+/-0.000 χ^2/NDF :37791309525.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.424+/-0.000 χ^2/NDF : 67649503319.2/18

yield_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 123902.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 160887.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

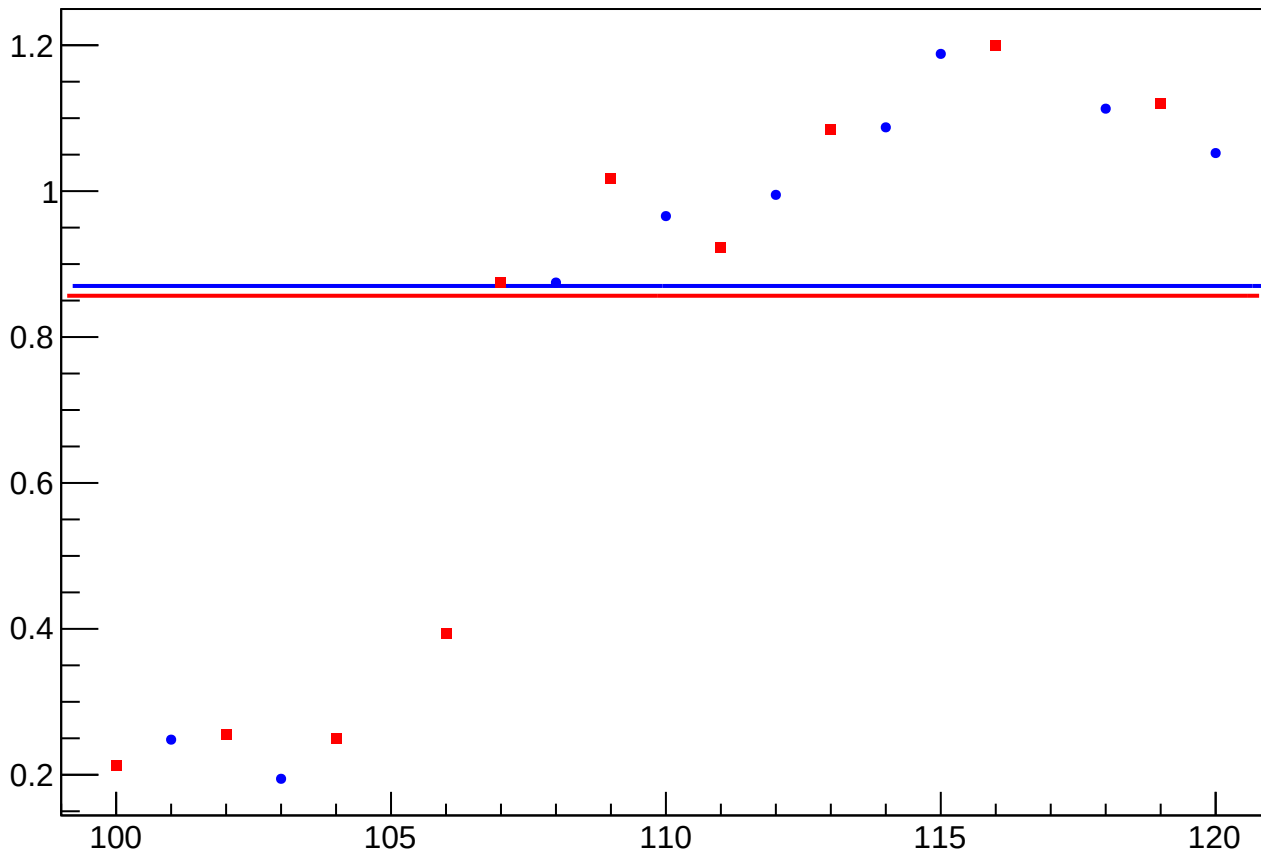
Right: 0.002+/-0.000 χ^2/NDF : 285477.8/18

In: 0.002+/-0.000 χ^2/NDF :123902.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 285477.8/18

yield_bpm2i02X_mean vs Slug, Sign Corrected



Right In: 0.870+/-0.000 χ^2/NDF : 9070823861.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.857+/-0.000 χ^2/NDF : 11888539196.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

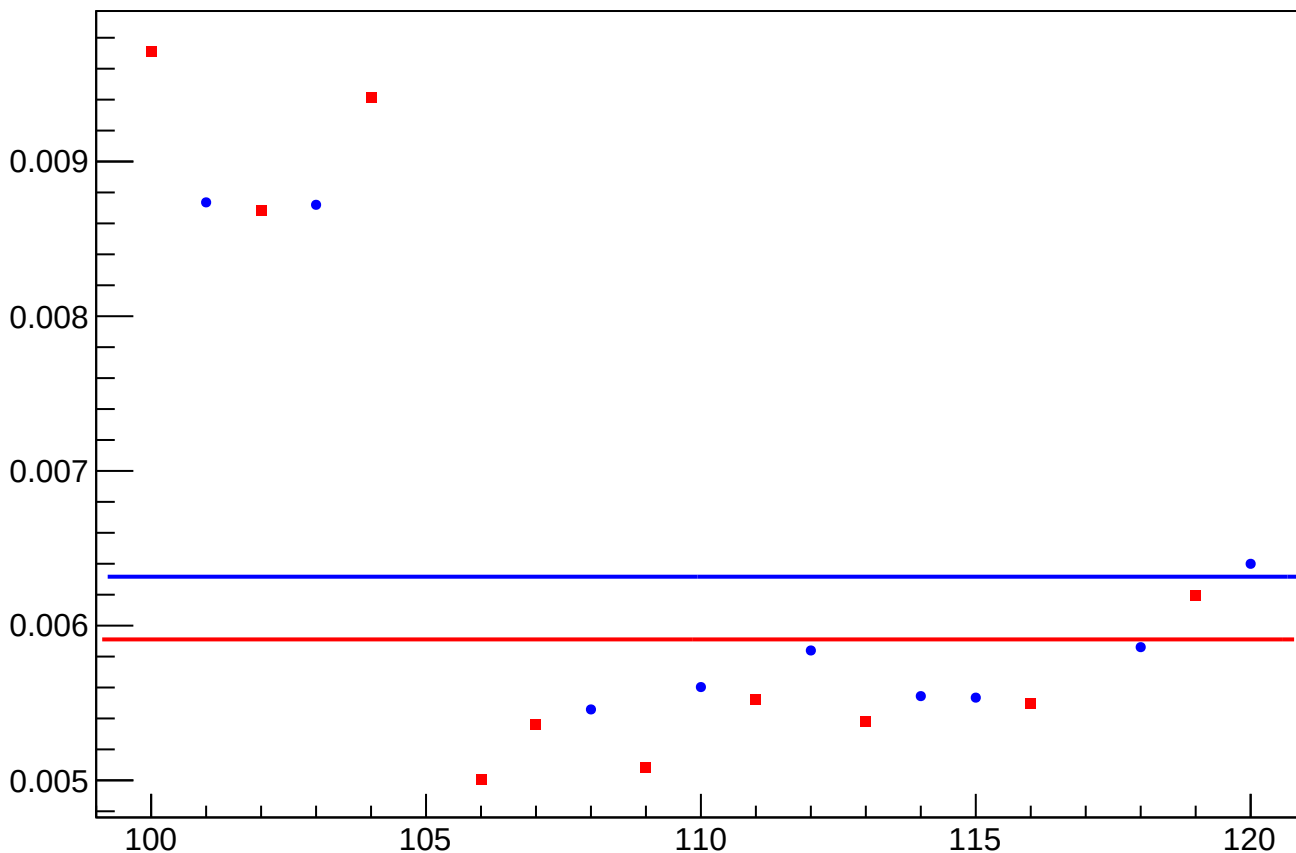
Right: 0.862+/-0.000 χ^2/NDF : 20968282135.7/18

In: 0.870+/-0.000 χ^2/NDF : 9070823861.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.862+/-0.000 χ^2/NDF : 20968282135.7/18

yield_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 245716.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 372046.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

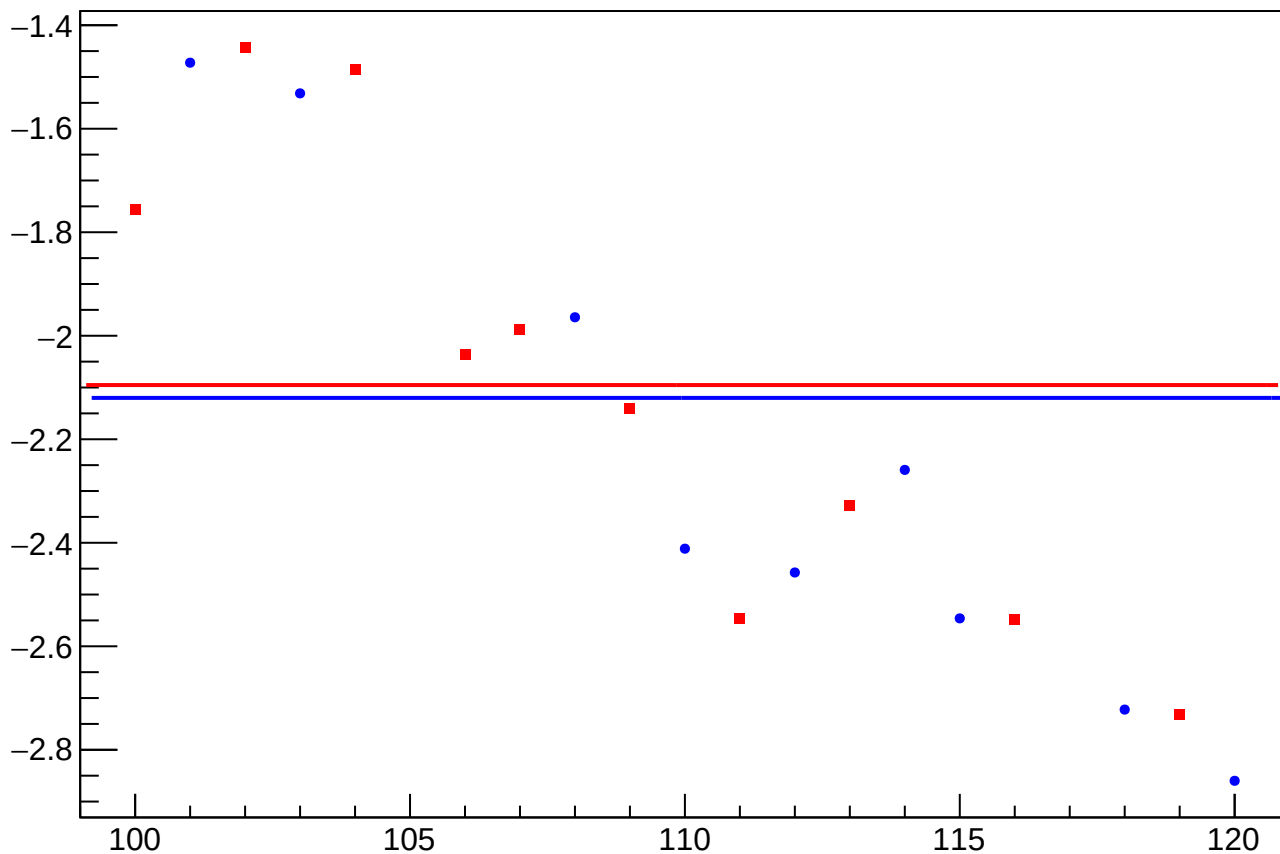
Right: 0.006+/-0.000 χ^2/NDF : 634025.1/18

In: 0.006+/-0.000 χ^2/NDF :245716.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 634025.1/18

yield_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -2.120+/-0.000 χ^2/NDF : 29709466984.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.095+/-0.000 χ^2/NDF : 26030004560.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

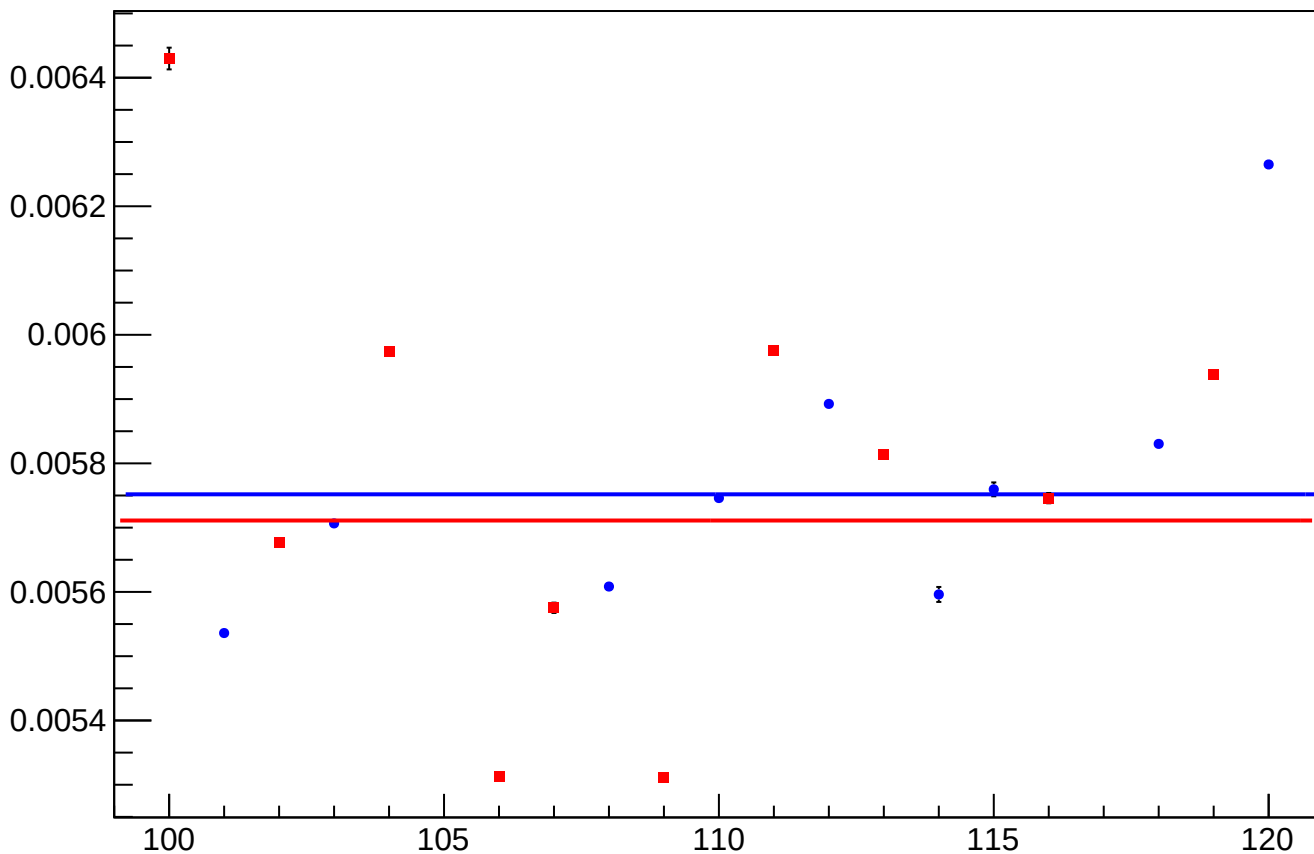
Right: -2.107+/-0.000 χ^2/NDF : 55775646855.1/18

In: -2.120+/-0.000 χ^2/NDF : 29709466984.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.107+/-0.000 χ^2/NDF : 55775646855.1/18

yield_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 8199.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 17664.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

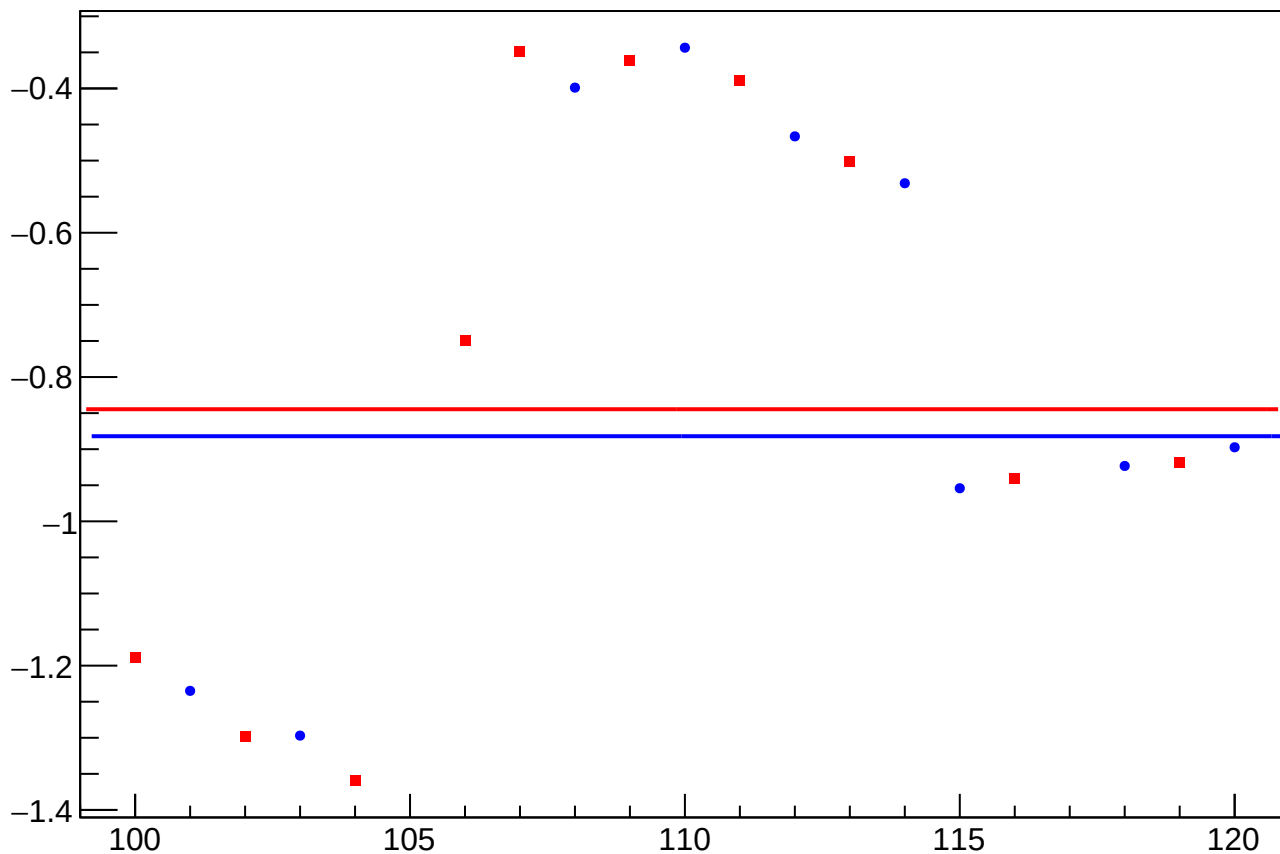
Right: 0.006+/-0.000 χ^2/NDF : 26059.7/18

In: 0.006+/-0.000 χ^2/NDF :8199.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 26059.7/18

yield_bpm0i01X_mean vs Slug, Sign Corrected



Right In: -0.882 ± 0.000 $\chi^2/\text{NDF}: 4094847541.5/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.845 ± 0.000 $\chi^2/\text{NDF}: 5639801517.4/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

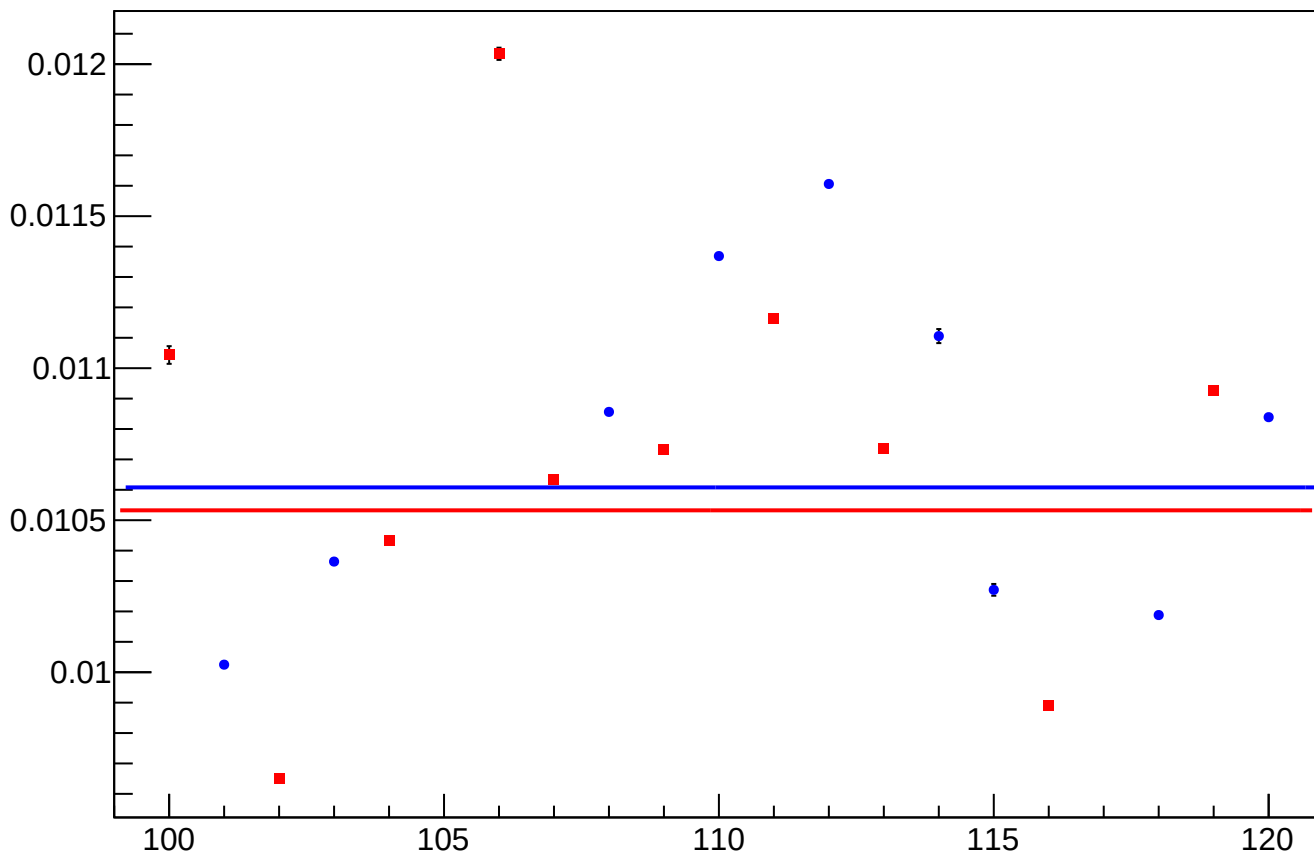
Right: -0.862 ± 0.000 $\chi^2/\text{NDF}: 9758158573.4/18$

In: -0.882 ± 0.000 $\chi^2/\text{NDF}: 4094847541.5/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.862 ± 0.000 $\chi^2/\text{NDF}: 9758158573.4/1$

yield_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 18852.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 24040.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

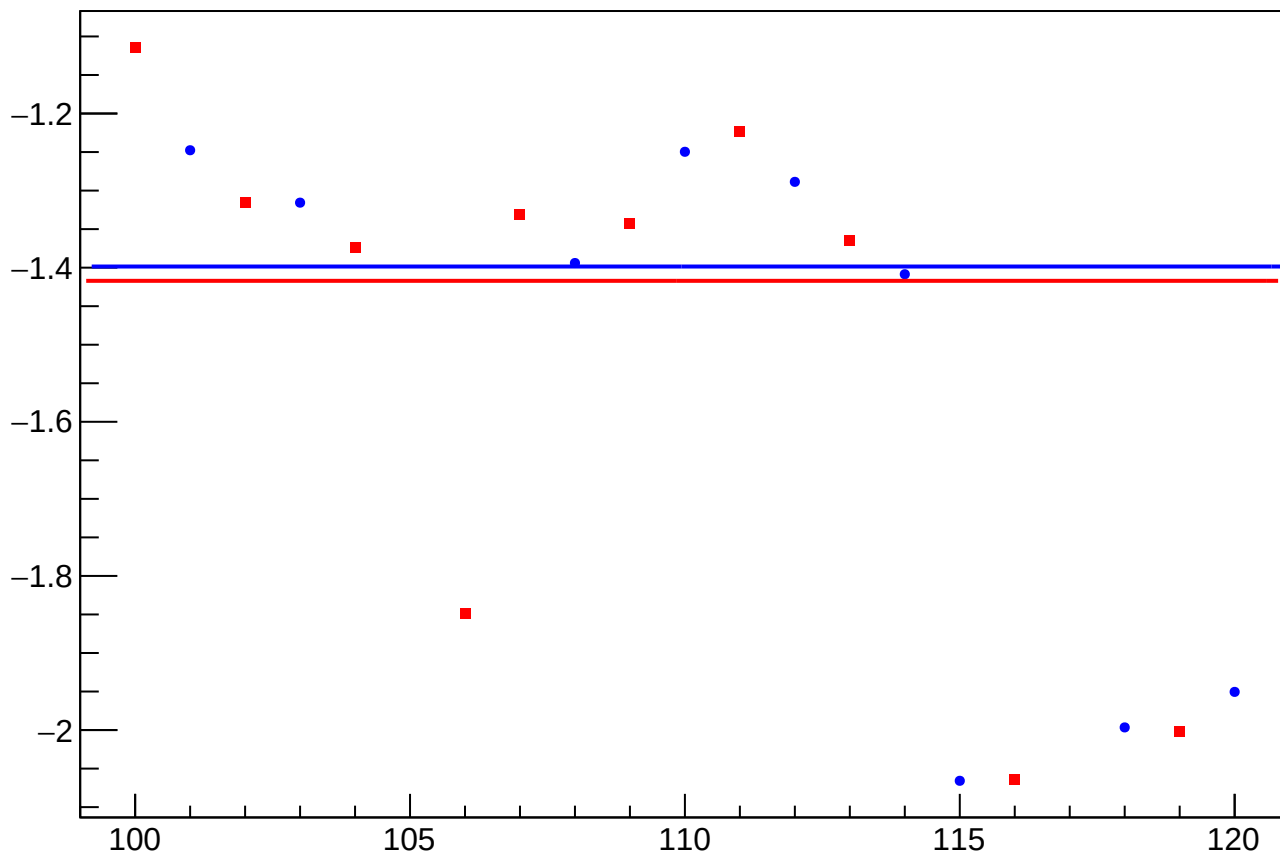
Right: 0.011+/-0.000 χ^2/NDF : 43085.0/18

In: 0.011+/-0.000 χ^2/NDF : 18852.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 43085.0/18

yield_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: -1.399+/-0.000 χ^2/NDF : 40929267413.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.417+/-0.000 χ^2/NDF : 40176154307.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

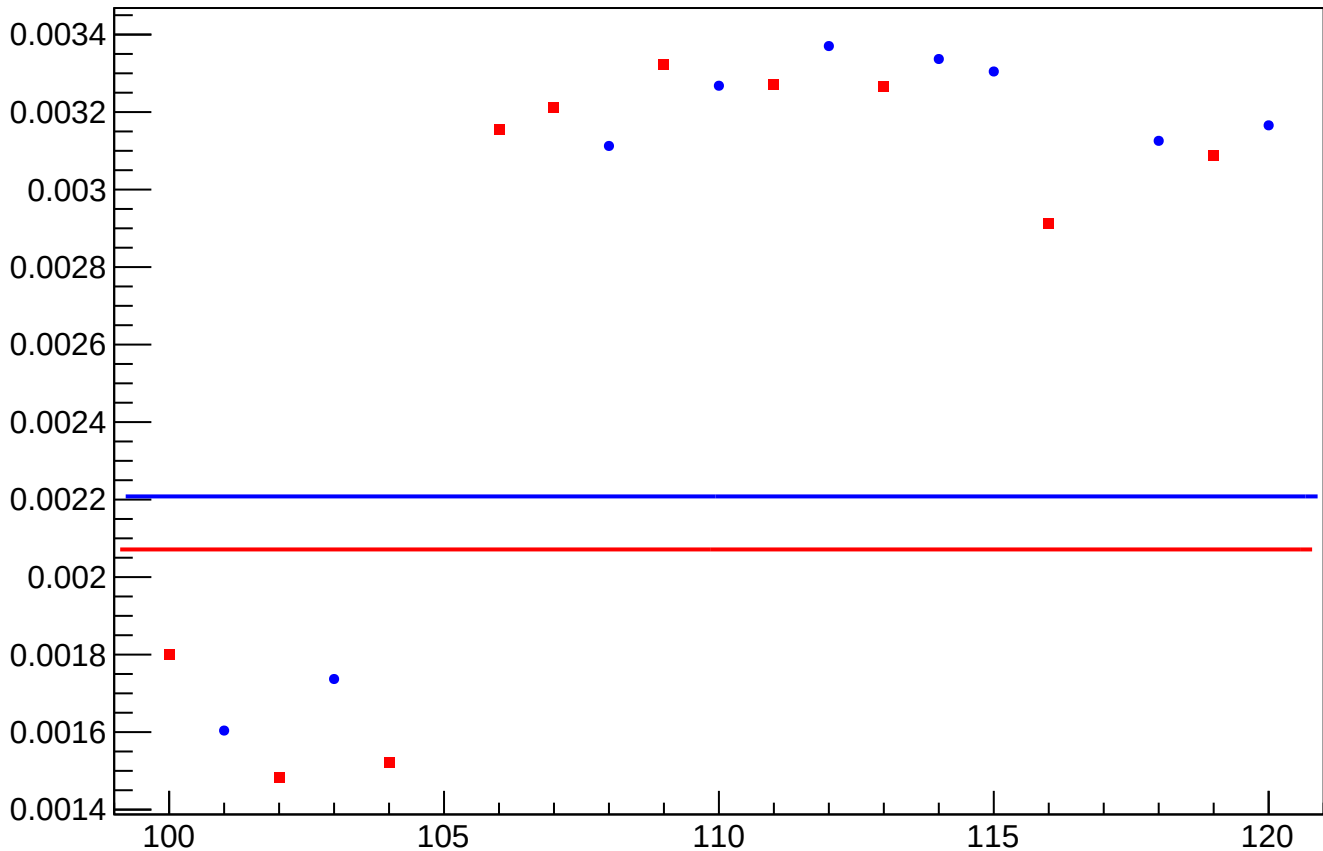
Right: -1.409+/-0.000 χ^2/NDF : 81219459064.7/18

In: -1.399+/-0.000 χ^2/NDF :40929267413.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.409+/-0.000 χ^2/NDF : 81219459064.7/18

yield_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 675060.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 916828.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

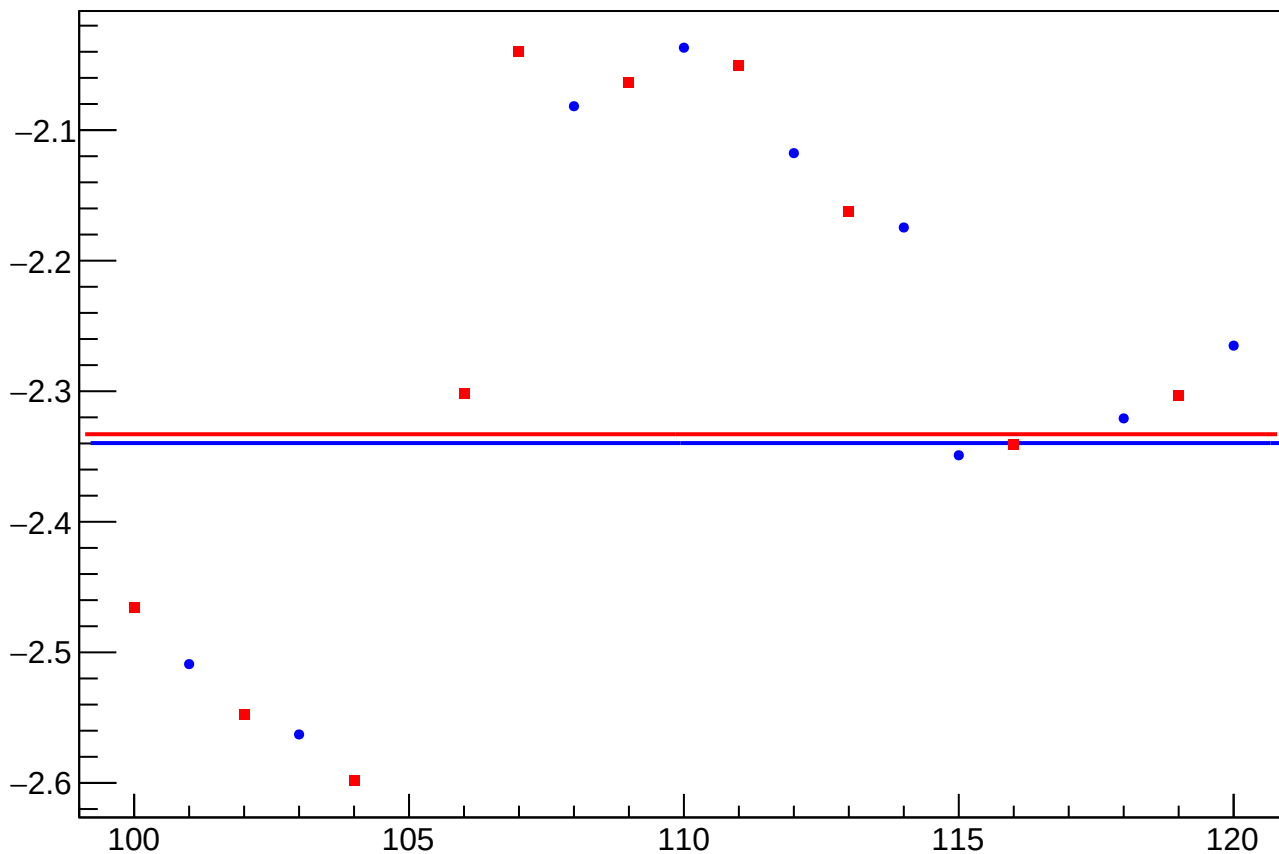
Right: 0.002+/-0.000 χ^2/NDF : 1604268.9/18

In: 0.002+/-0.000 χ^2/NDF :675060.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1604268.9/18

yield_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: -2.340+/-0.000 χ^2/NDF : 3190309285.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.333+/-0.000 χ^2/NDF : 4441499907.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

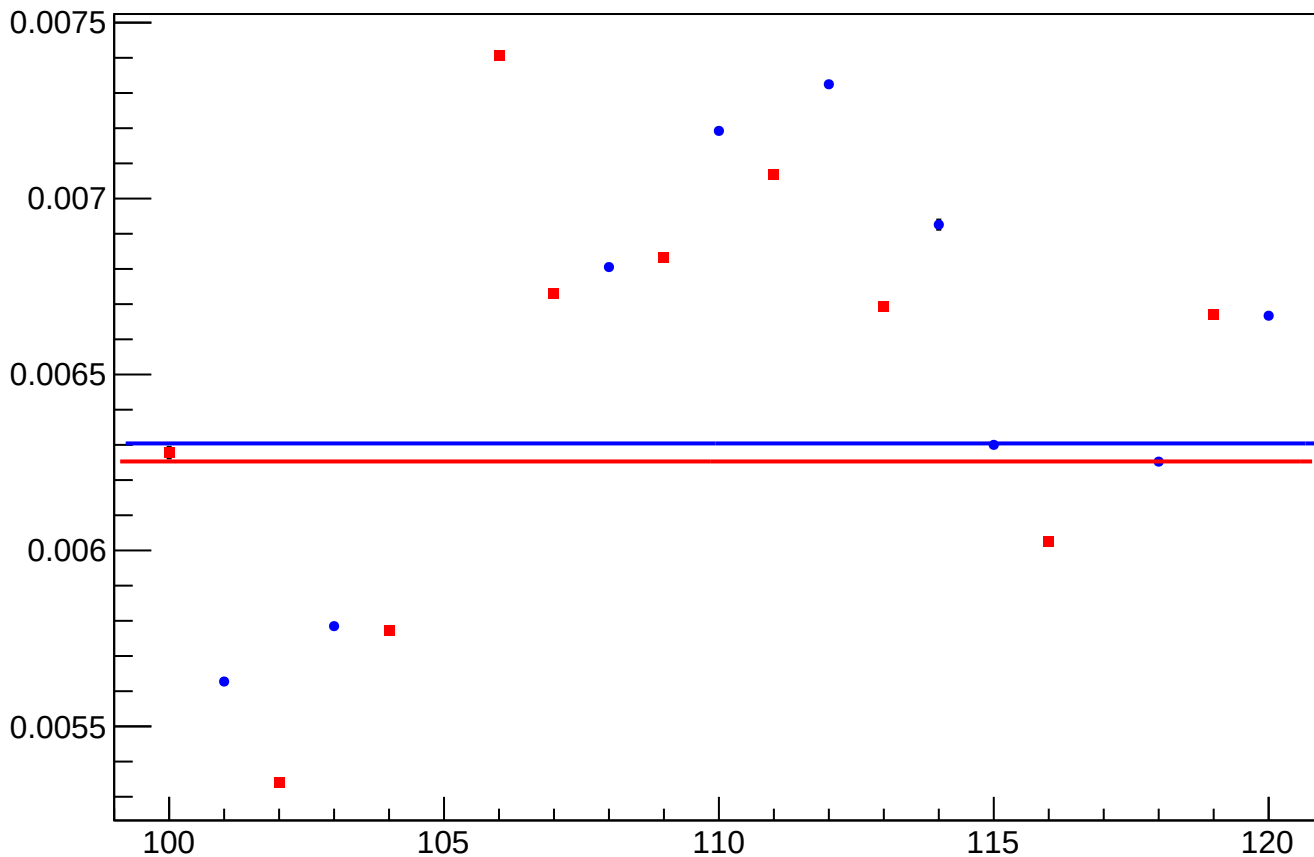
Right: -2.336+/-0.000 χ^2/NDF : 7633958099.6/18

In: -2.340+/-0.000 χ^2/NDF : 3190309285.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.336+/-0.000 χ^2/NDF : 7633958099.6/18

yield_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 65818.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 83993.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

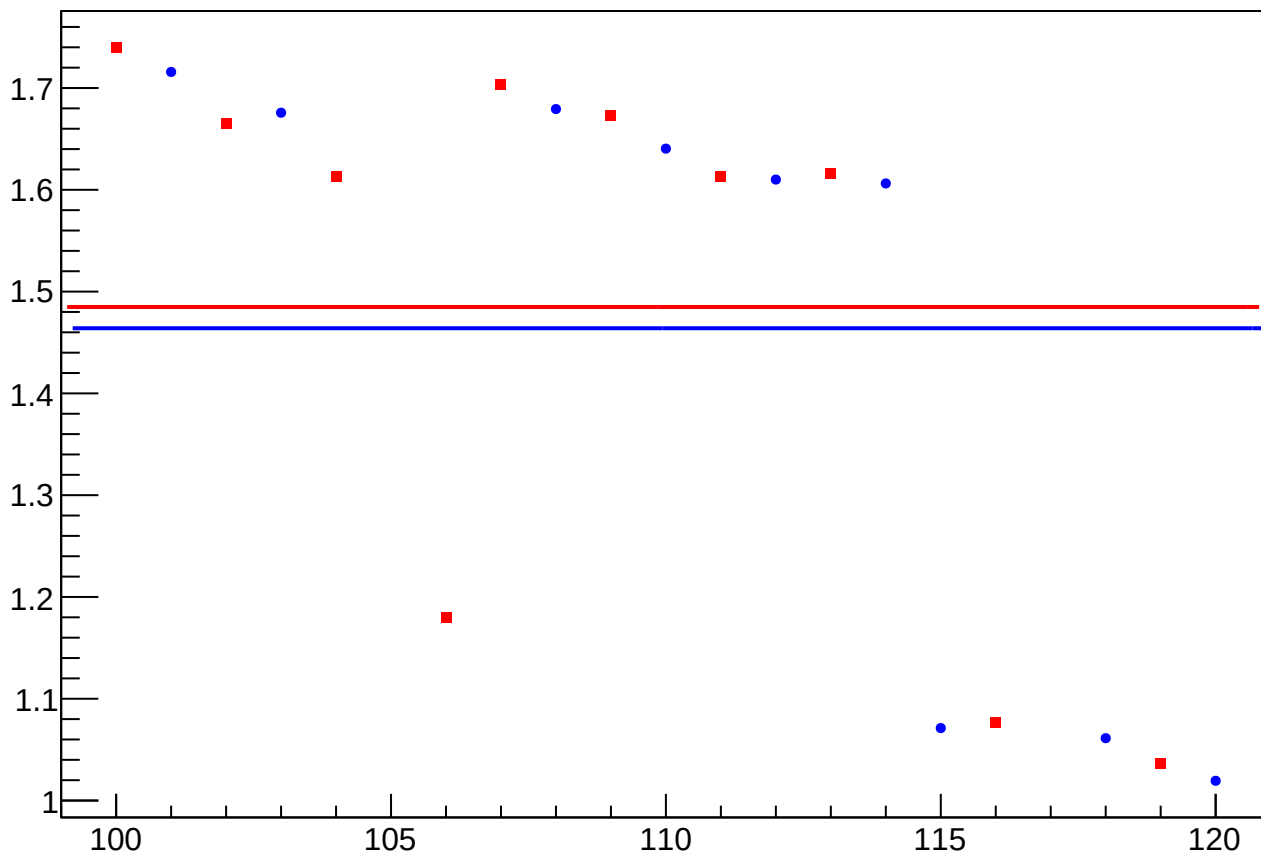
Right: 0.006+/-0.000 χ^2/NDF : 150057.1/18

In: 0.006+/-0.000 χ^2/NDF :65818.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 150057.1/18

yield_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 1.464+/-0.000 χ^2/NDF : 65297572517.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.485+/-0.000 χ^2/NDF : 58993984614.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

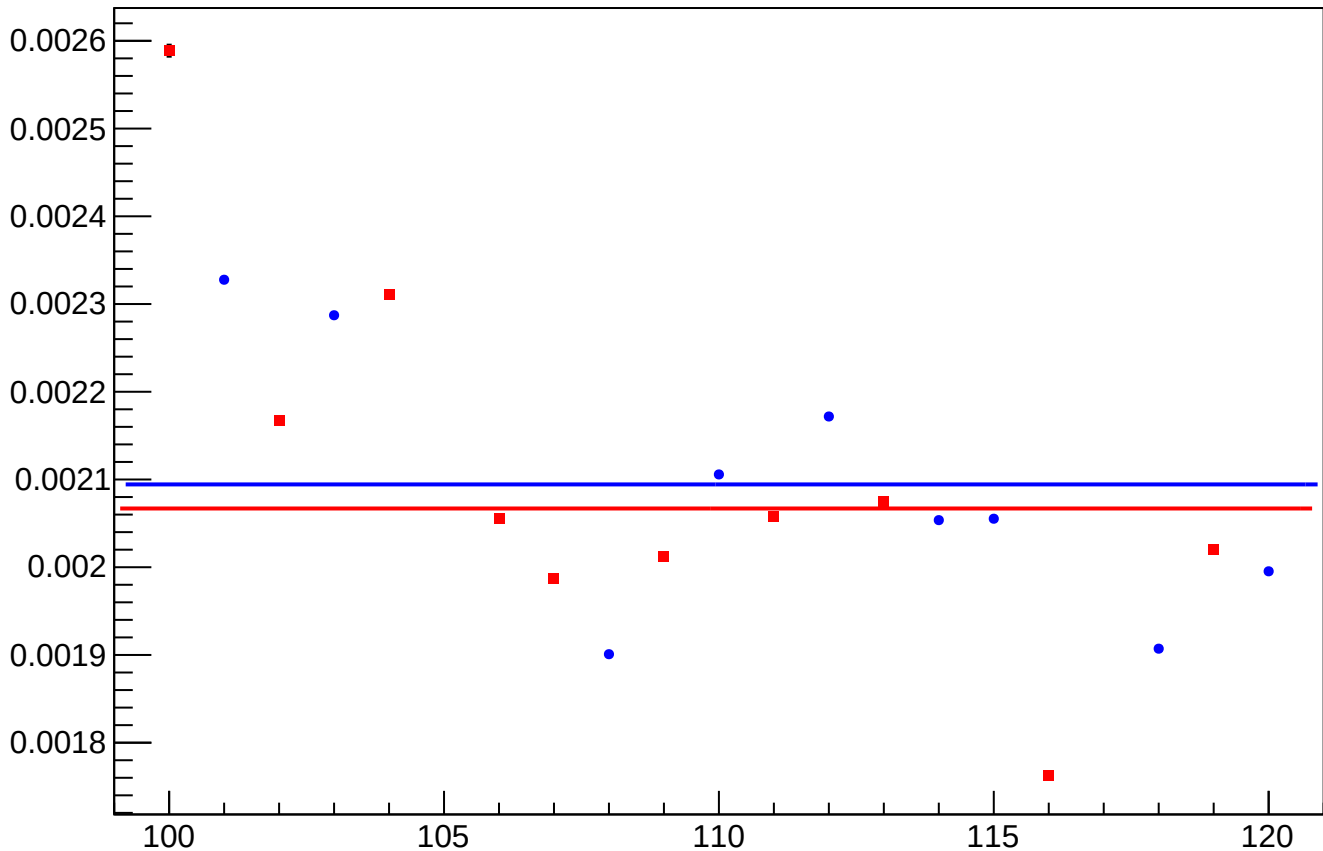
Right: 1.475+/-0.000 χ^2/NDF : 124469482830.7/18

In: 1.464+/-0.000 χ^2/NDF : 65297572517.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.475+/-0.000 χ^2/NDF : 124469482830.7

yield_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 40742.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 36579.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

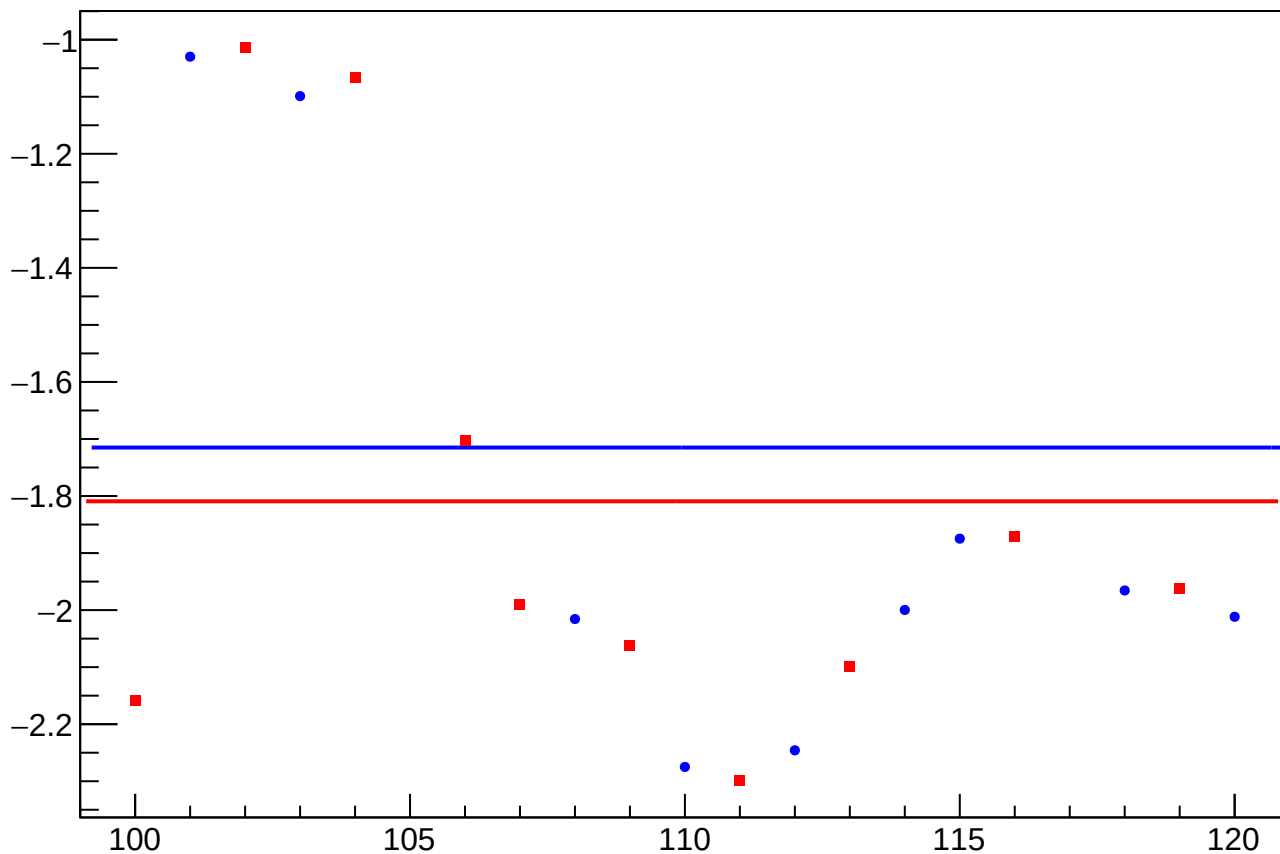
Right: 0.002+/-0.000 χ^2/NDF : 77935.4/18

In: 0.002+/-0.000 χ^2/NDF : 40742.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 77935.4/18

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.715+/-0.000 χ^2/NDF : 16624086669.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.809+/-0.000 χ^2/NDF : 18784543797.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

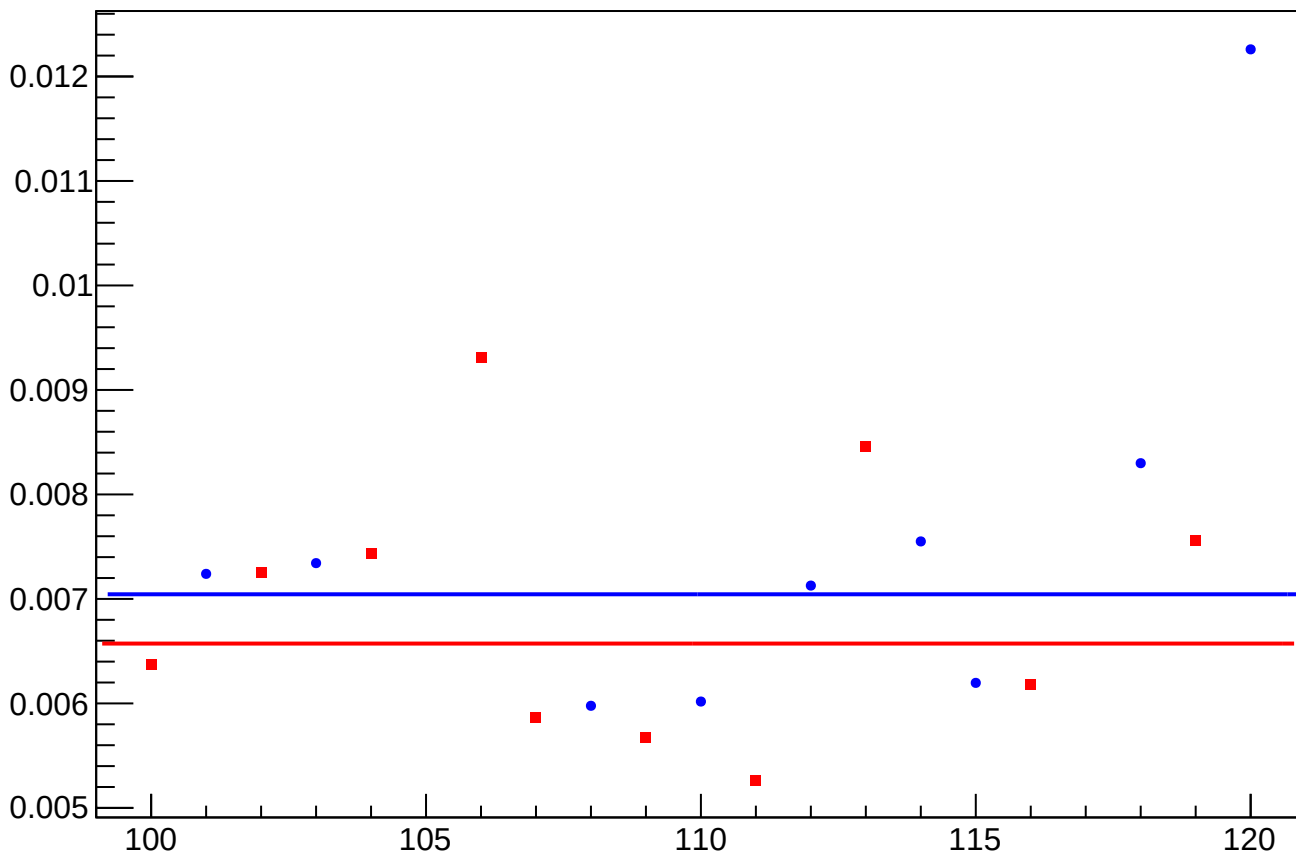
Right: -1.769+/-0.000 χ^2/NDF : 35731004060.9/18

In: -1.715+/-0.000 χ^2/NDF :16624086669.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.769+/-0.000 χ^2/NDF : 35731004060.9/18

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 174828.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 208771.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

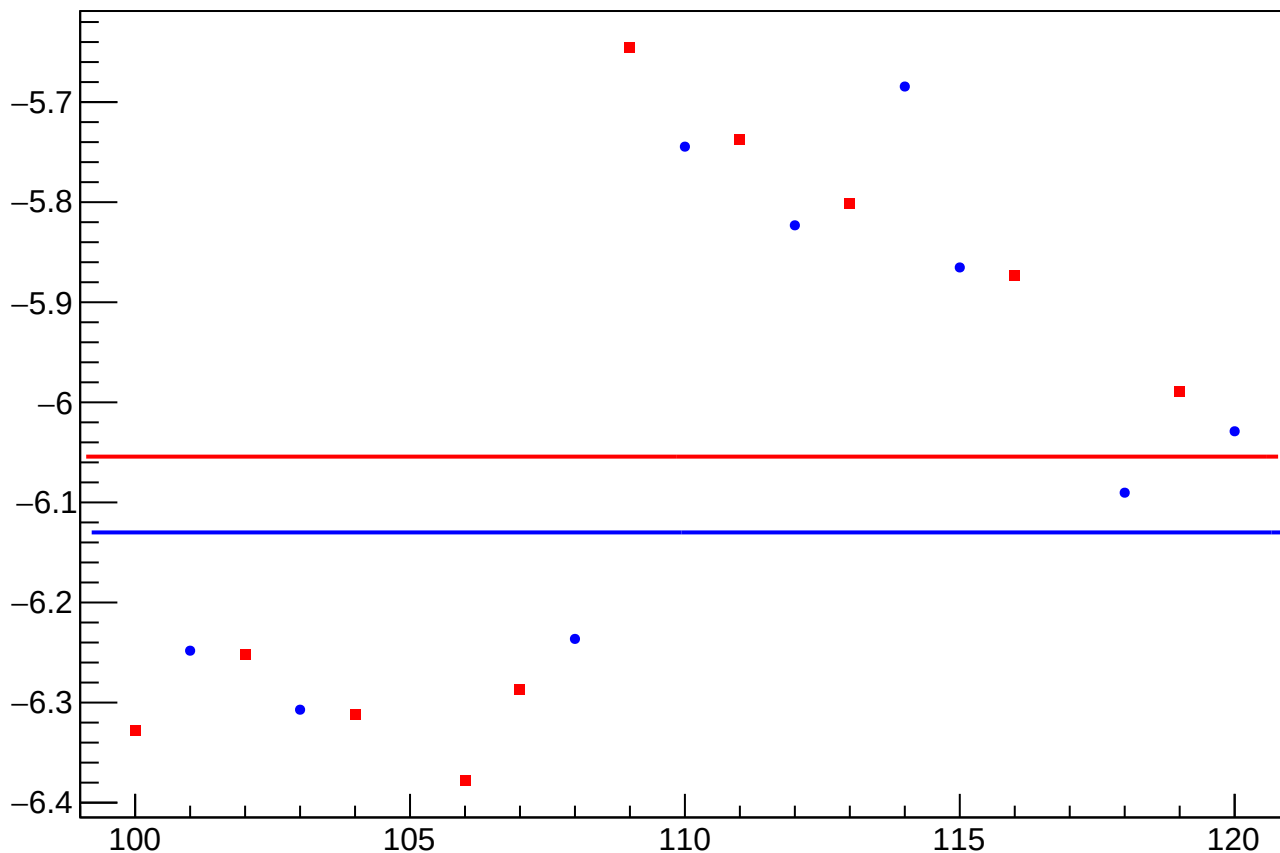
Right: 0.007+/-0.000 χ^2/NDF : 399761.3/18

In: 0.007+/-0.000 χ^2/NDF : 174828.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 399761.3/18

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -6.130+/-0.000 χ^2/NDF : 3685541327.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -6.054+/-0.000 χ^2/NDF : 7861295137.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

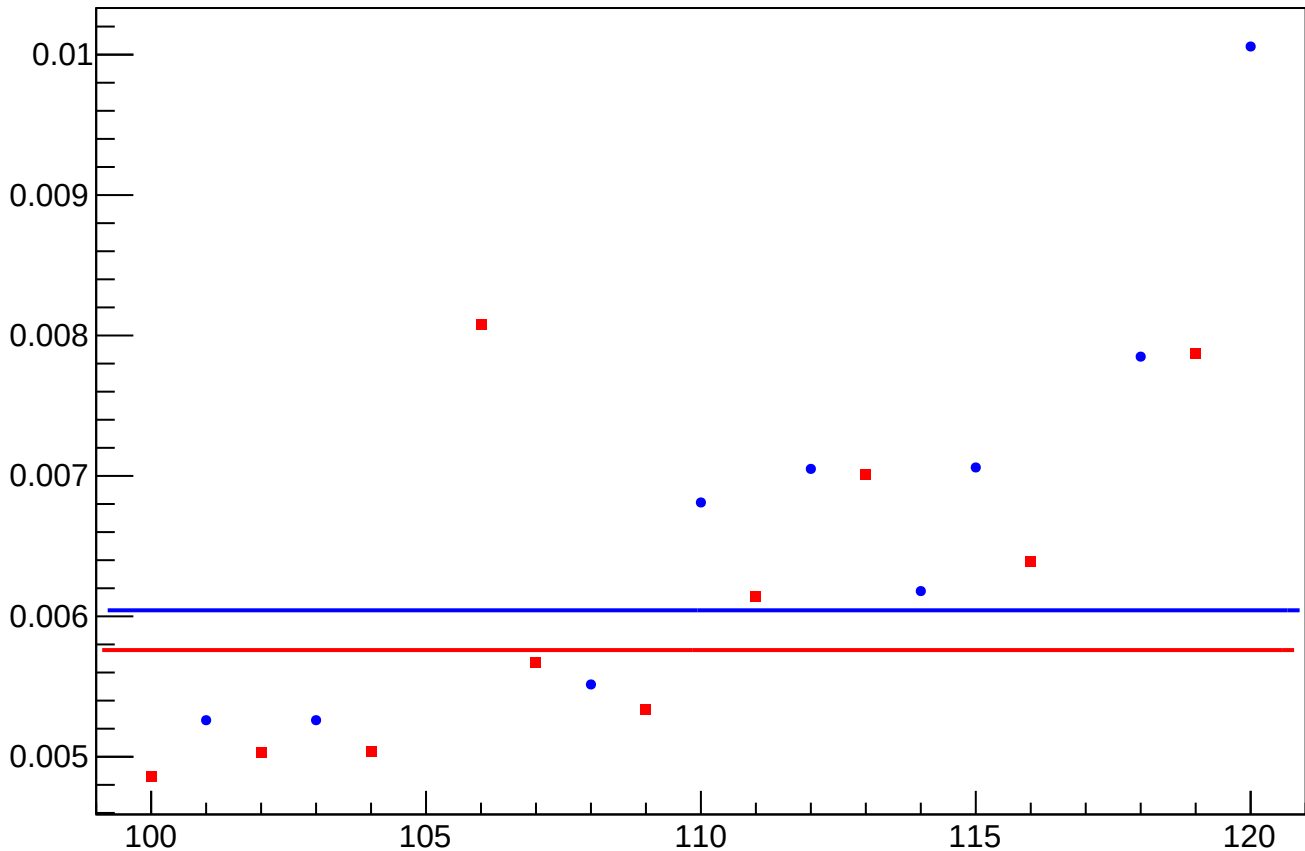
Right: -6.088+/-0.000 χ^2/NDF : 11820217155.5/18

In: -6.130+/-0.000 χ^2/NDF :3685541327.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.088+/-0.000 χ^2/NDF : 11820217155.5/18

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 228815.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 198007.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

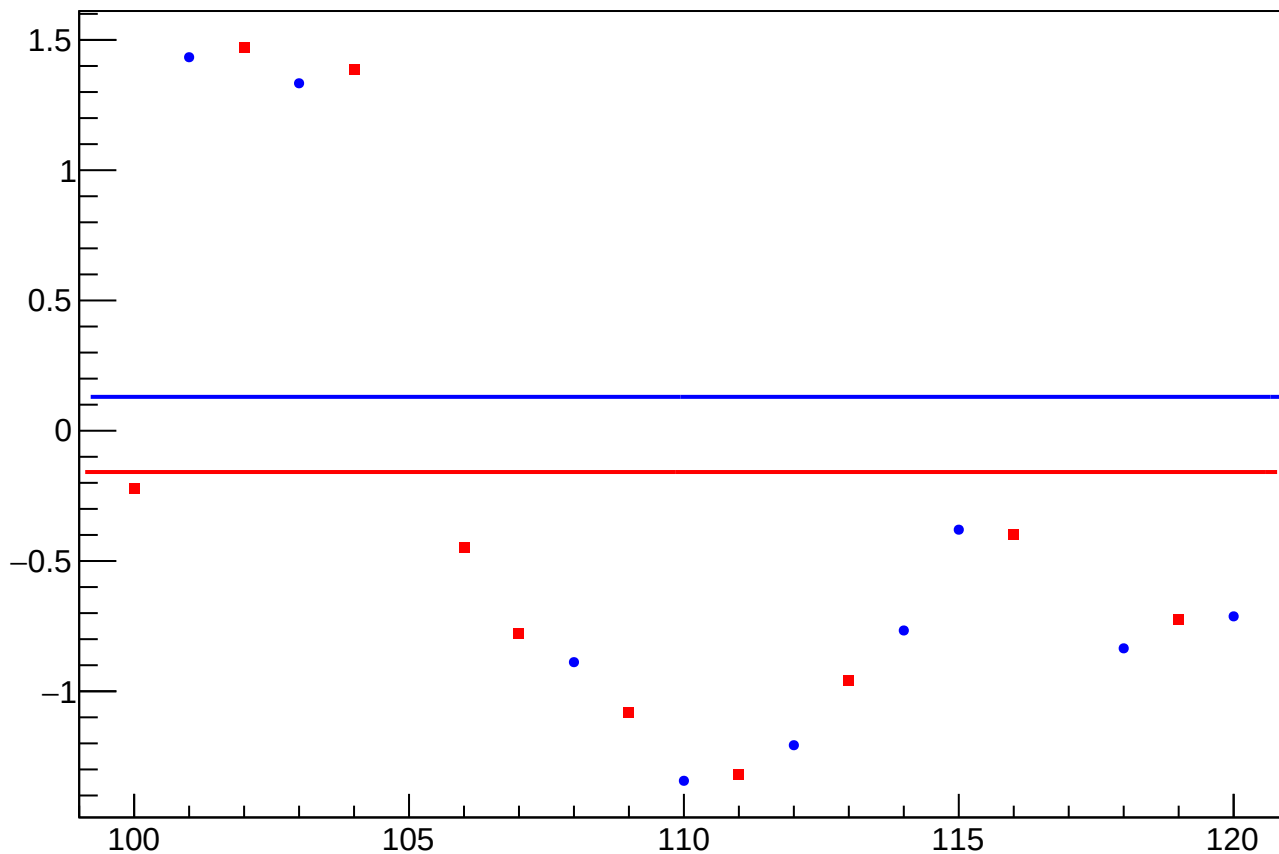
Right: 0.006+/-0.000 χ^2/NDF : 434463.8/18

In: 0.006+/-0.000 χ^2/NDF :228815.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 434463.8/18

yield_bpm0l02X_mean vs Slug, Sign Corrected



Right In: 0.130+/-0.000 χ^2/NDF : 17311863851.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.158+/-0.000 χ^2/NDF : 21236299515.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

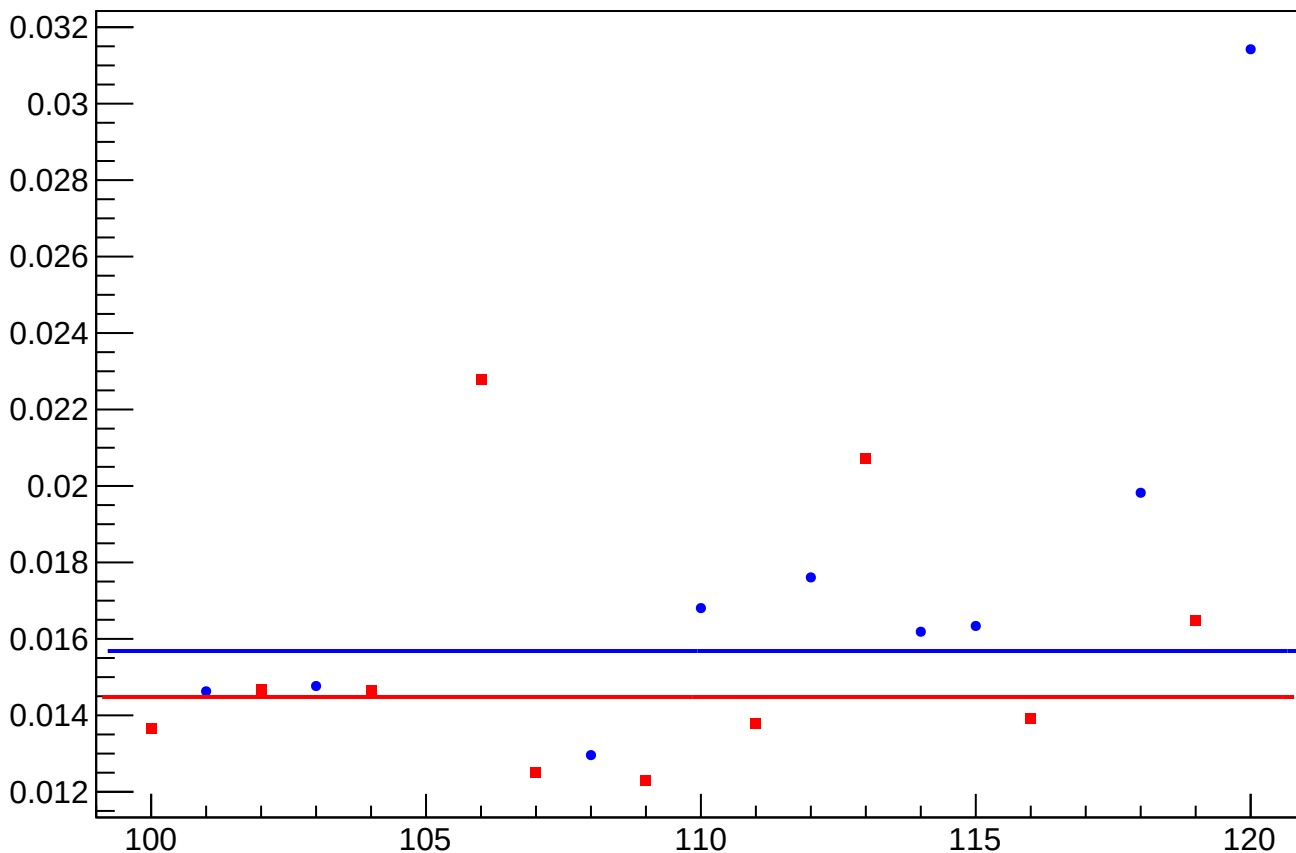
Right: -0.037+/-0.000 χ^2/NDF : 39138815879.5/18

In: 0.130+/-0.000 χ^2/NDF : 17311863851.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.037+/-0.000 χ^2/NDF : 39138815879.5/18

yield_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 229995.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 176230.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

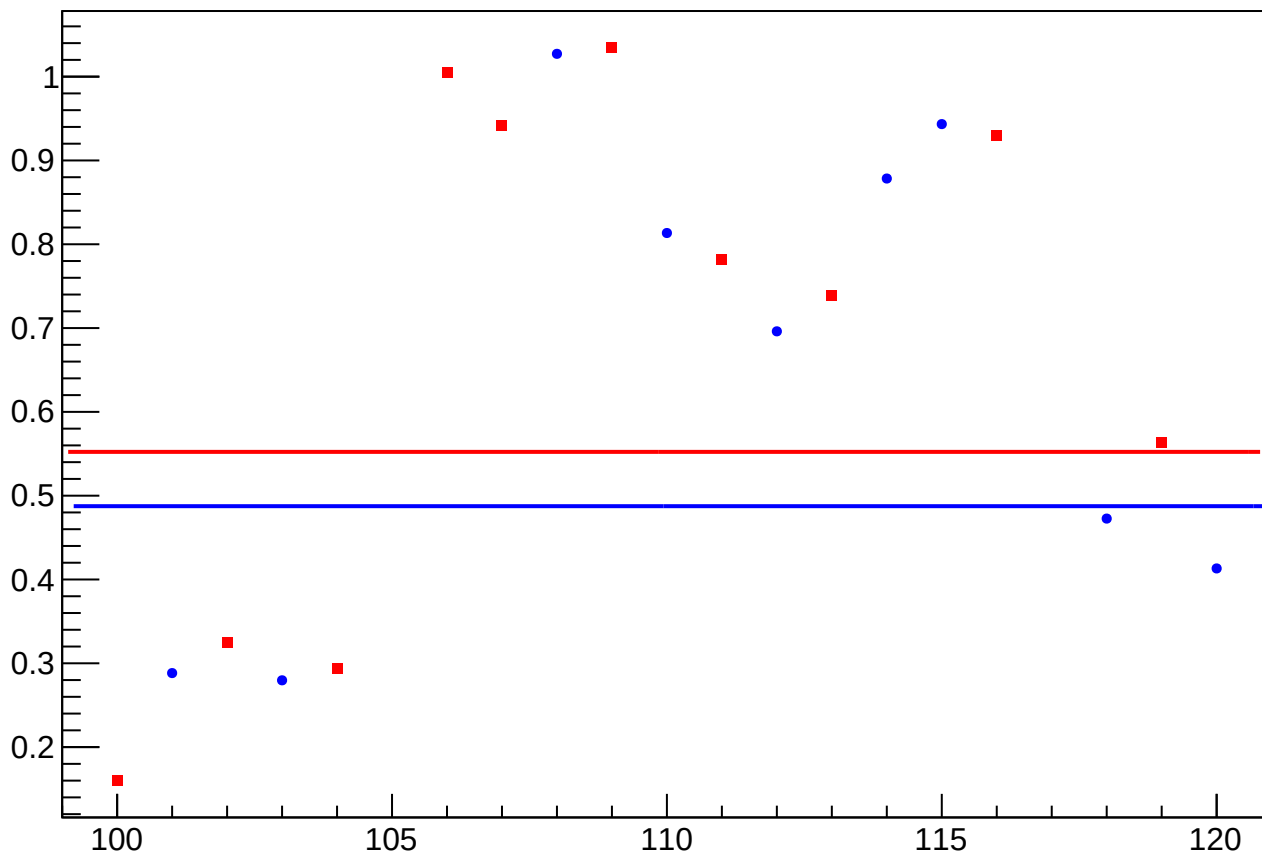
Right: 0.015+/-0.000 χ^2/NDF : 426764.2/18

In: 0.016+/-0.000 χ^2/NDF : 229995.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 426764.2/18

yield_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 0.487+/-0.000 χ^2/NDF : 3601410081.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.552+/-0.000 χ^2/NDF : 4789359302.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

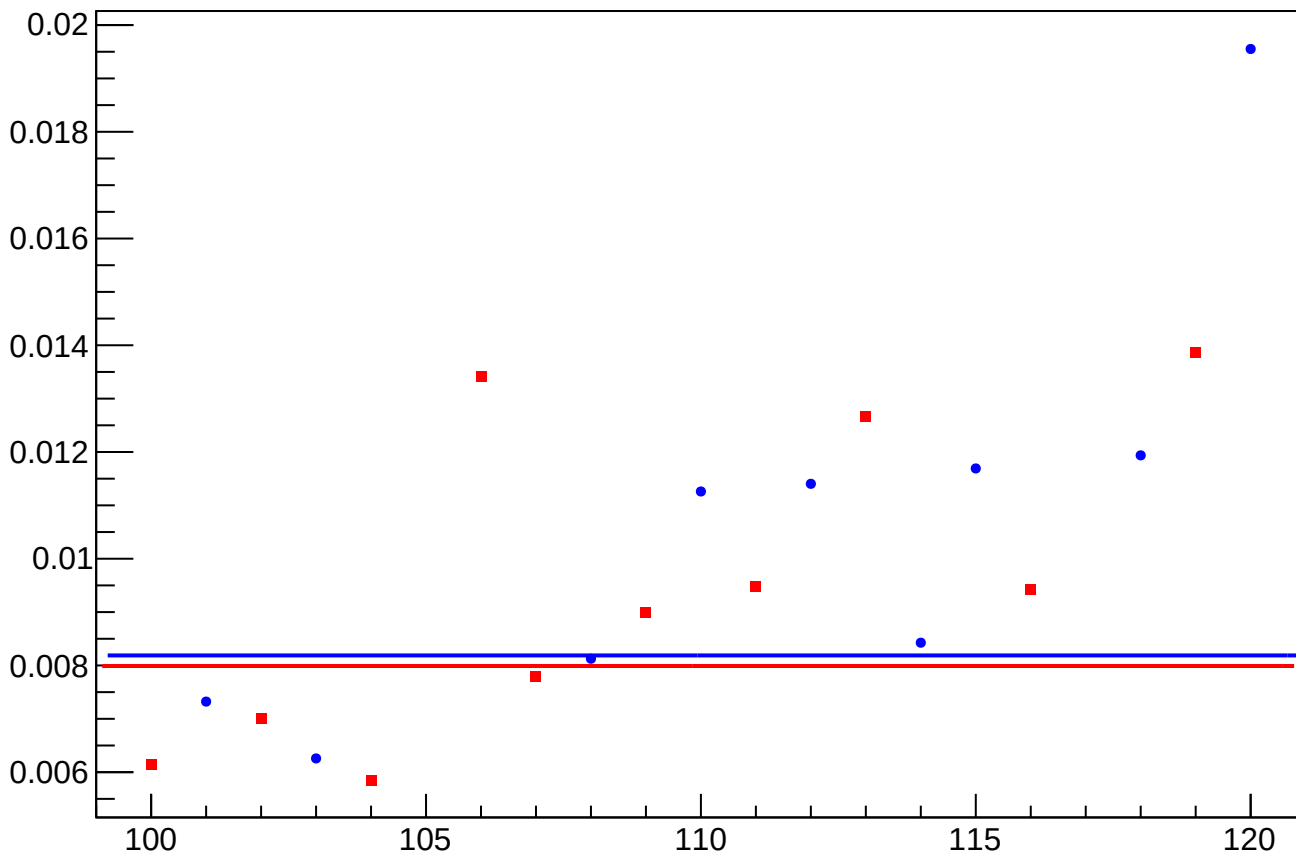
Right: 0.523+/-0.000 χ^2/NDF : 8490161418.9/18

In: 0.487+/-0.000 χ^2/NDF :3601410081.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.523+/-0.000 χ^2/NDF : 8490161418.9/18

yield_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 542209.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 544715.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

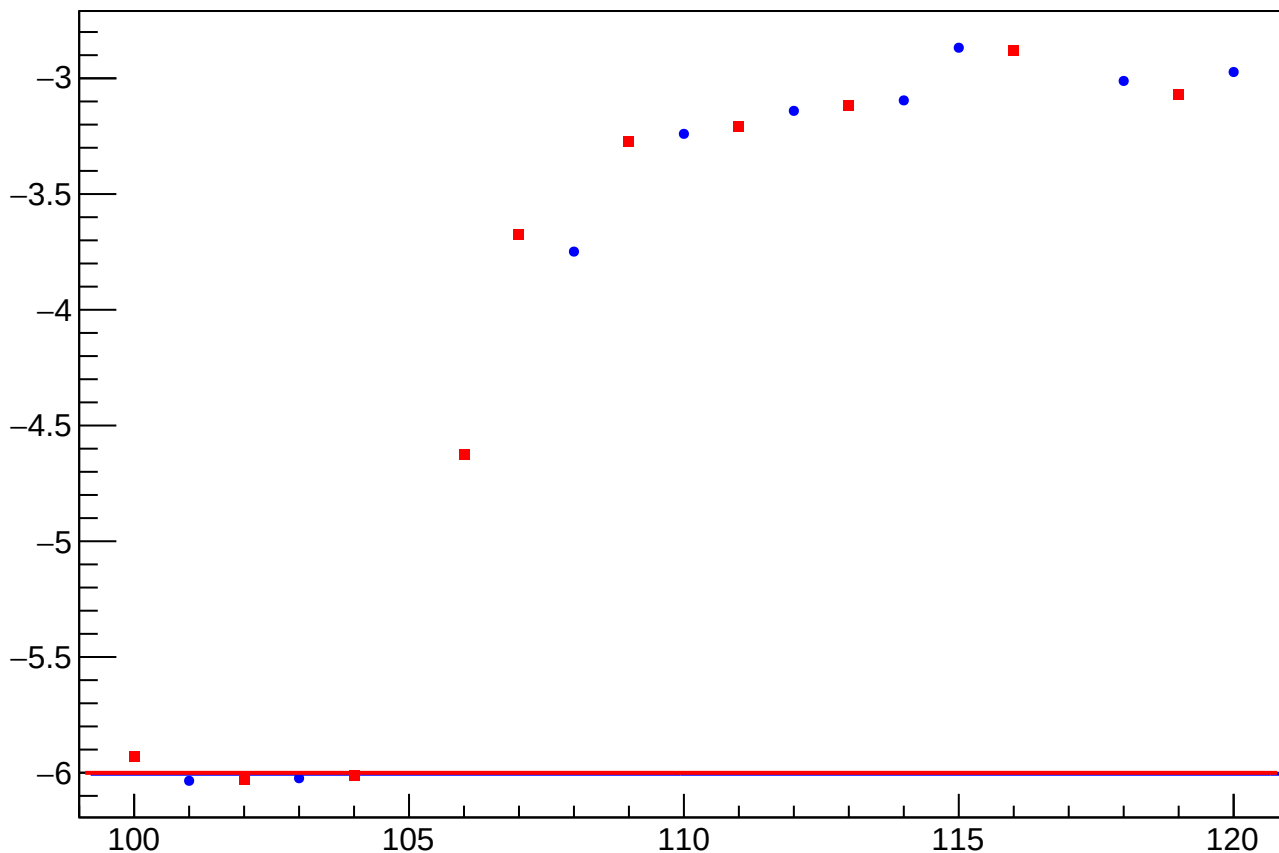
Right: 0.008+/-0.000 χ^2/NDF : 1088780.3/18

In: 0.008+/-0.000 χ^2/NDF :542209.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.000 χ^2/NDF : 1088780.3/18

yield_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -6.004+/-0.000 χ^2/NDF : 3162246384.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -6.001+/-0.000 χ^2/NDF : 2183307023.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

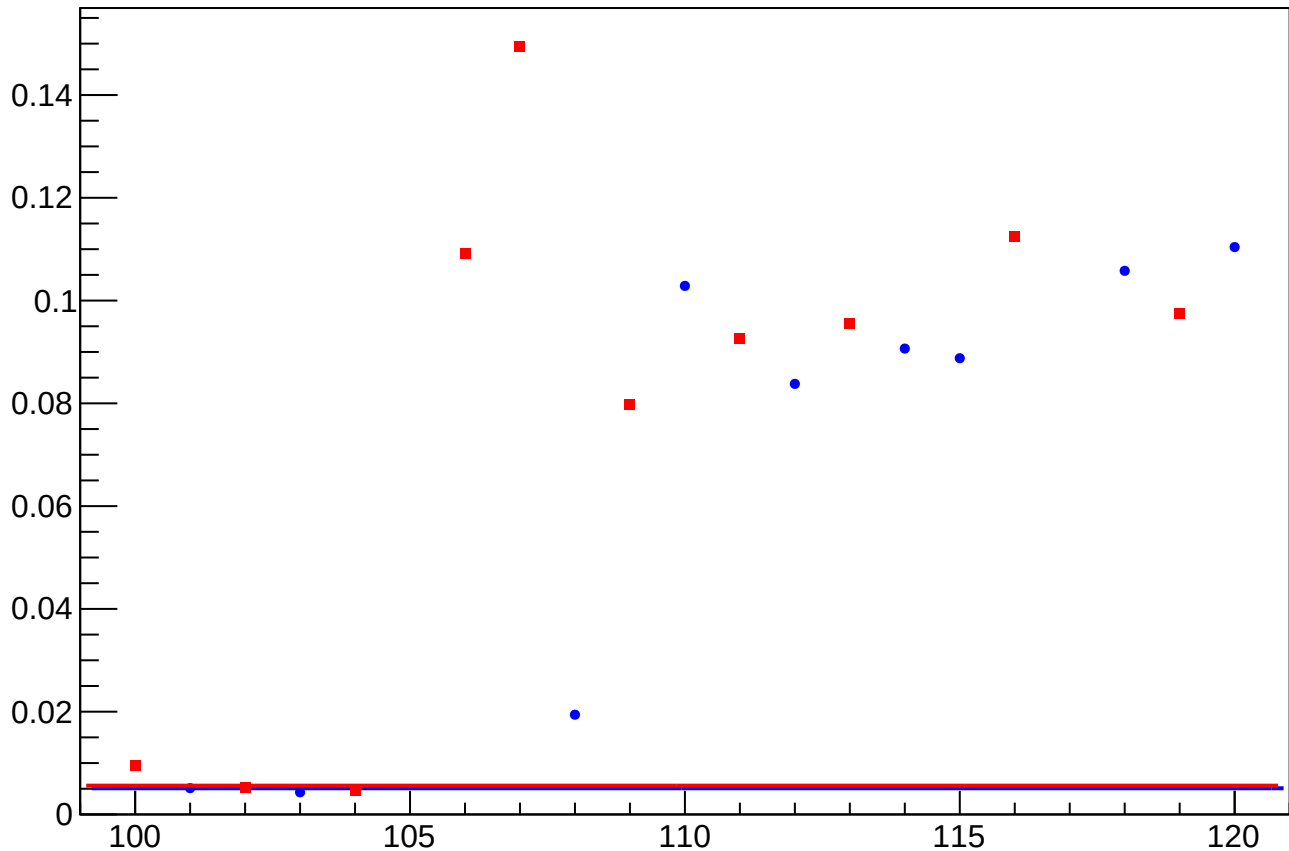
Right: -6.003+/-0.000 χ^2/NDF : 5345897698.8/18

In: -6.004+/-0.000 χ^2/NDF :3162246384.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.003+/-0.000 χ^2/NDF : 5345897698.8/1

yield_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 3476388.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 4822995.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

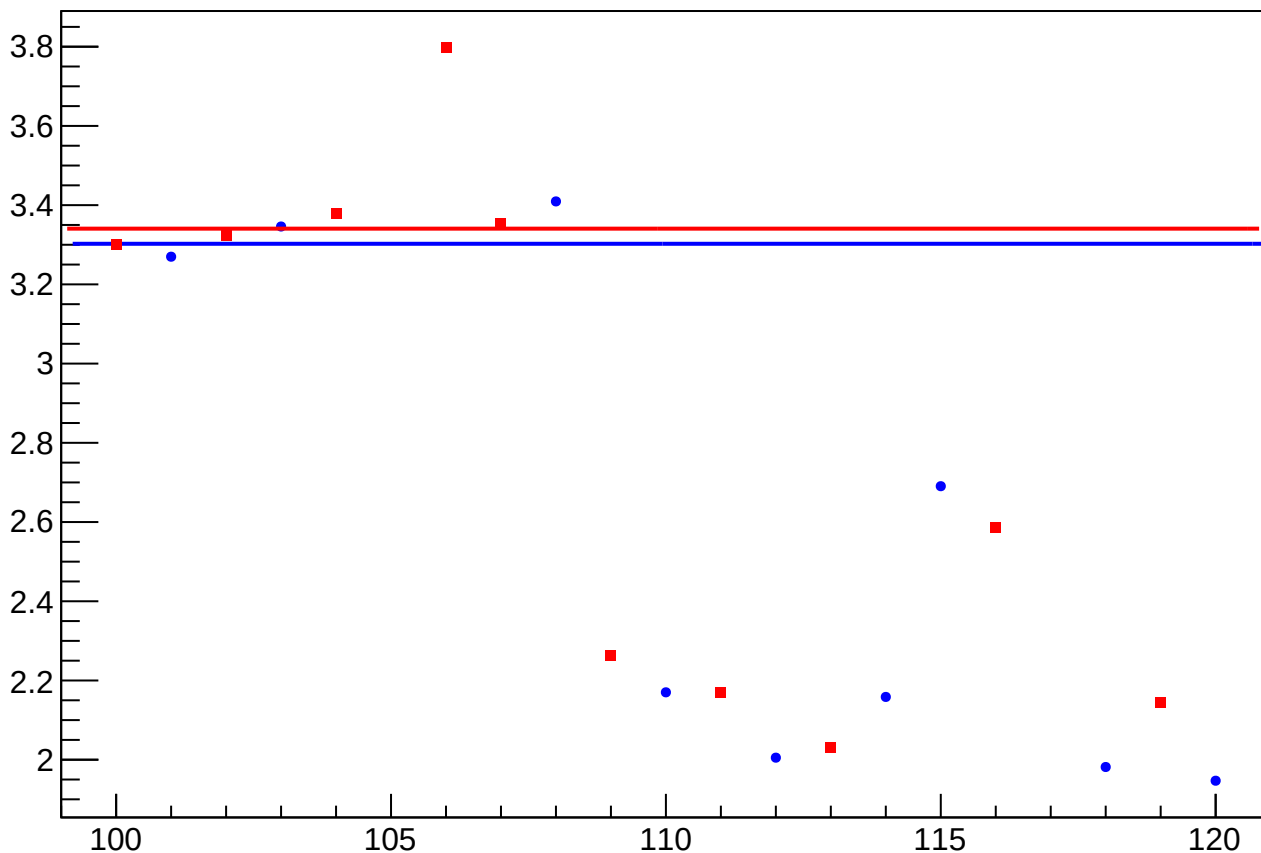
Right: 0.005+/-0.000 χ^2/NDF : 8311108.0/18

In: 0.005+/-0.000 χ^2/NDF :3476388.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 8311108.0/18

yield_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: 3.302+/-0.000 χ^2/NDF : 321592362.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3.341+/-0.000 χ^2/NDF : 347805021.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

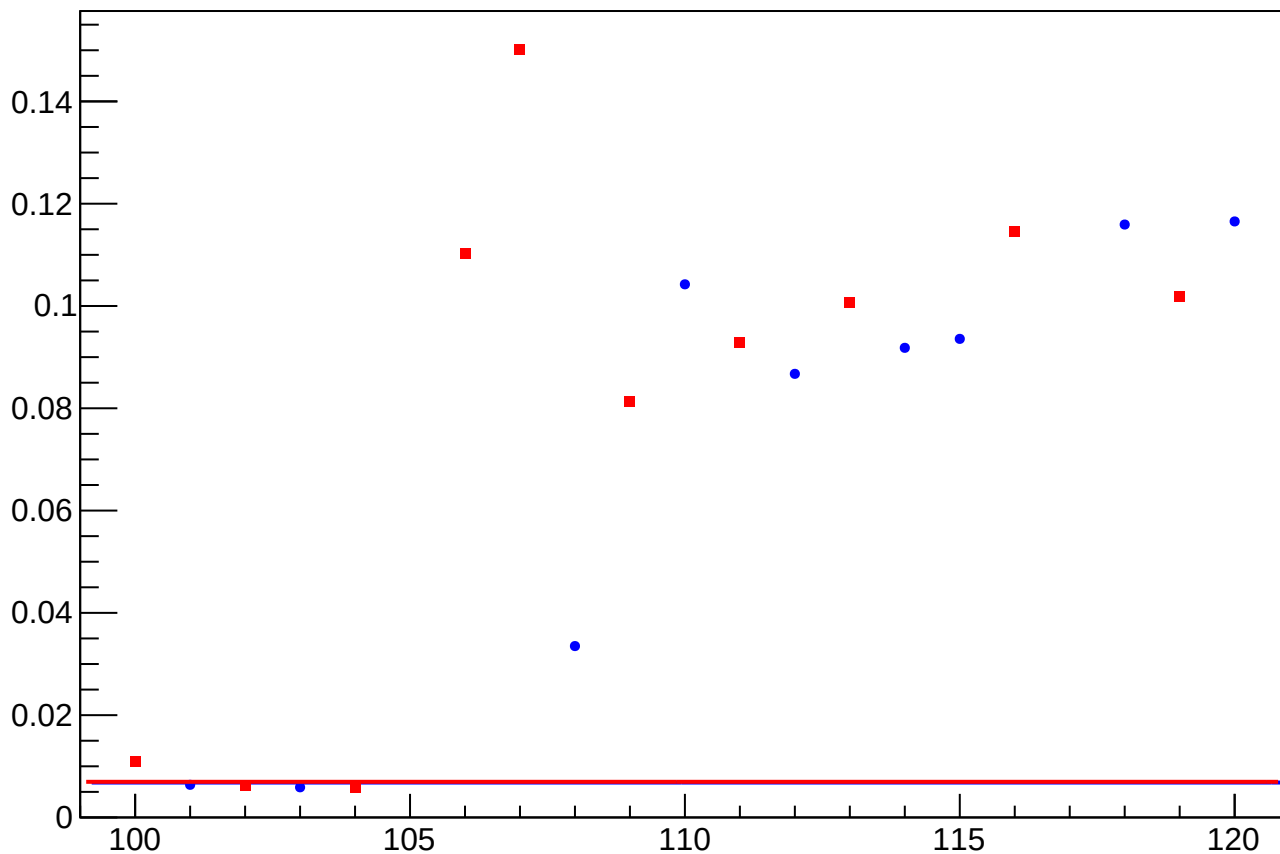
Right: 3.321+/-0.000 χ^2/NDF : 690859111.3/18

In: 3.302+/-0.000 χ^2/NDF :321592362.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3.321+/-0.000 χ^2/NDF : 690859111.3/18

yield_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 3479116.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 4691308.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

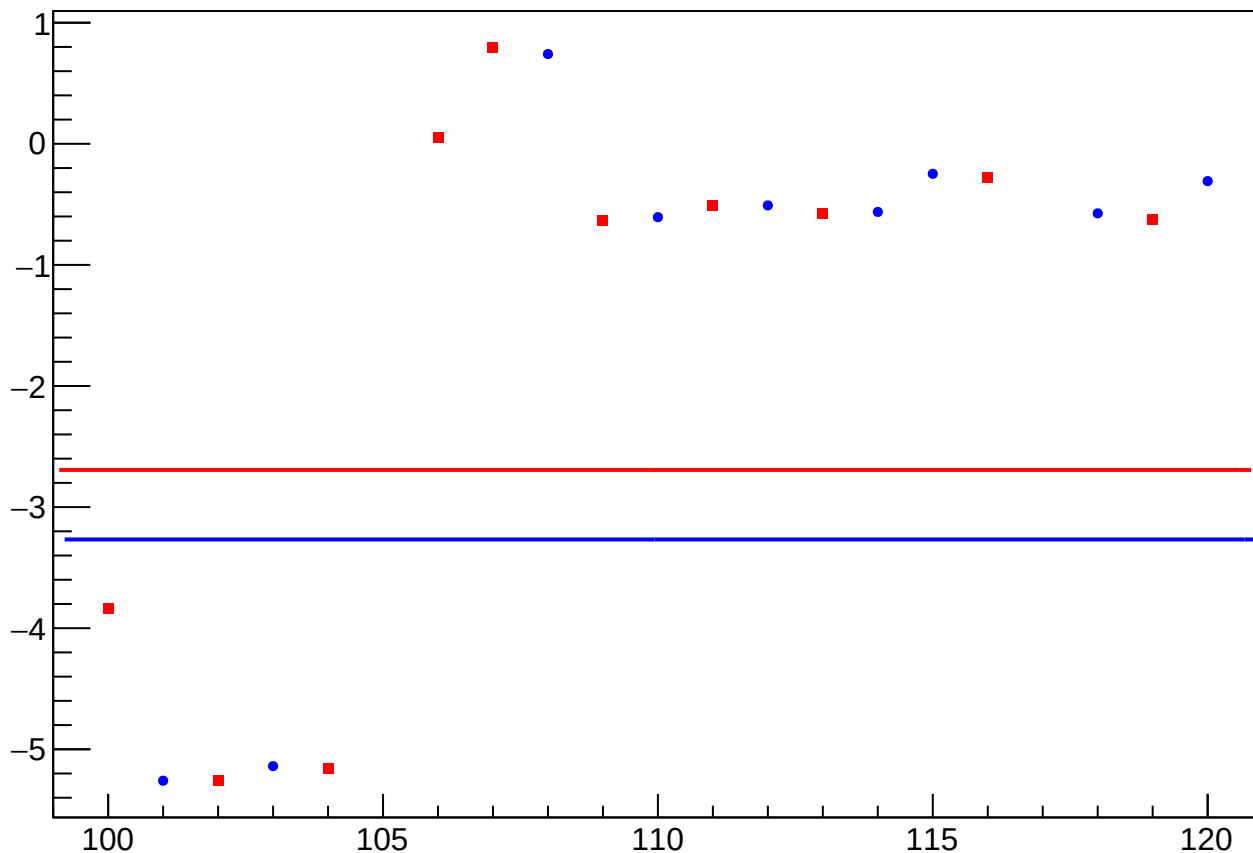
Right: 0.007+/-0.000 χ^2/NDF : 8171017.6/18

In: 0.007+/-0.000 χ^2/NDF :3479116.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 8171017.6/18

yield_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -3.267+/-0.000 χ^2/NDF : 86568189726.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.693+/-0.000 χ^2/NDF : 102851862441.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

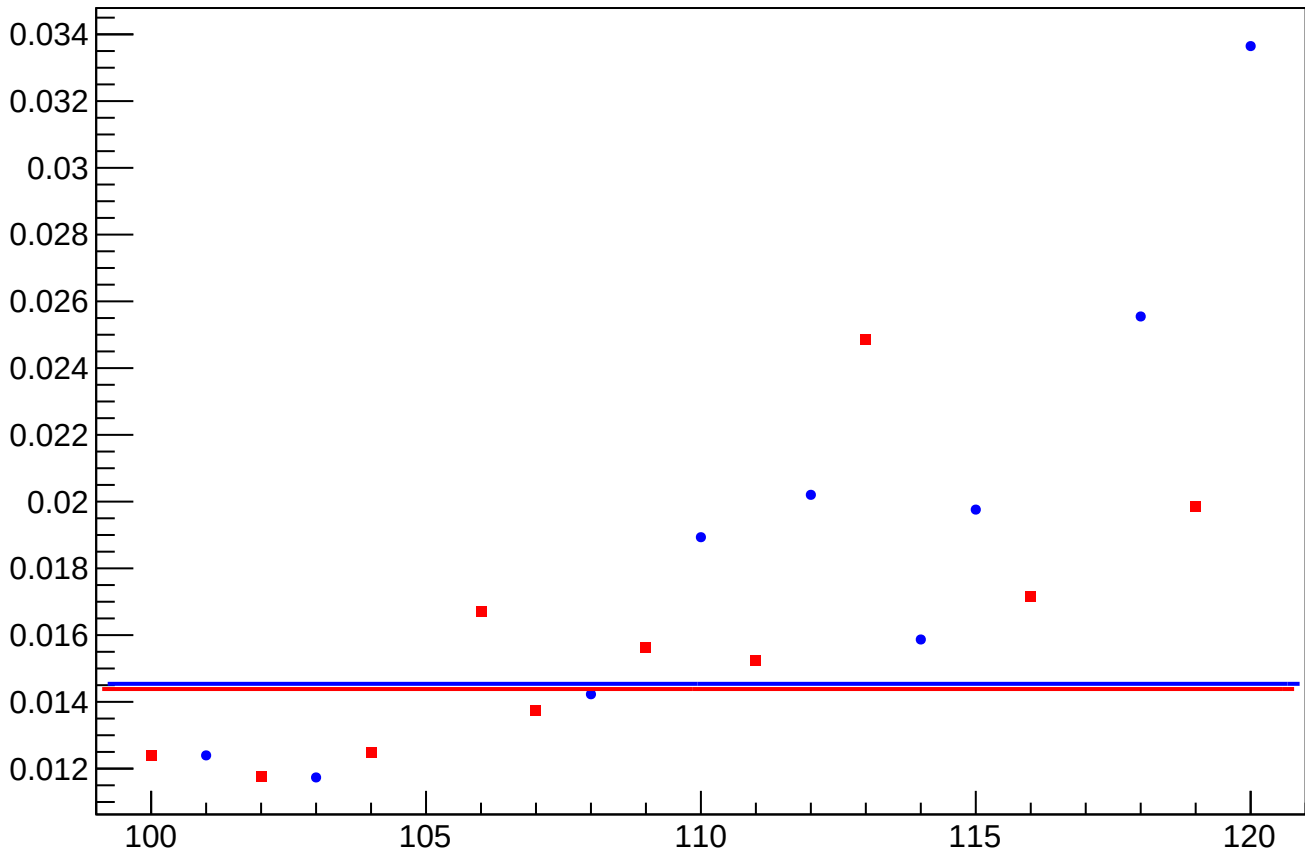
Right: -2.949+/-0.000 χ^2/NDF : 191904840245.7/18

In: -3.267+/-0.000 χ^2/NDF :86568189726.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.949+/-0.000 χ^2/NDF : 191904840245.7

yield_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 544554.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 307078.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

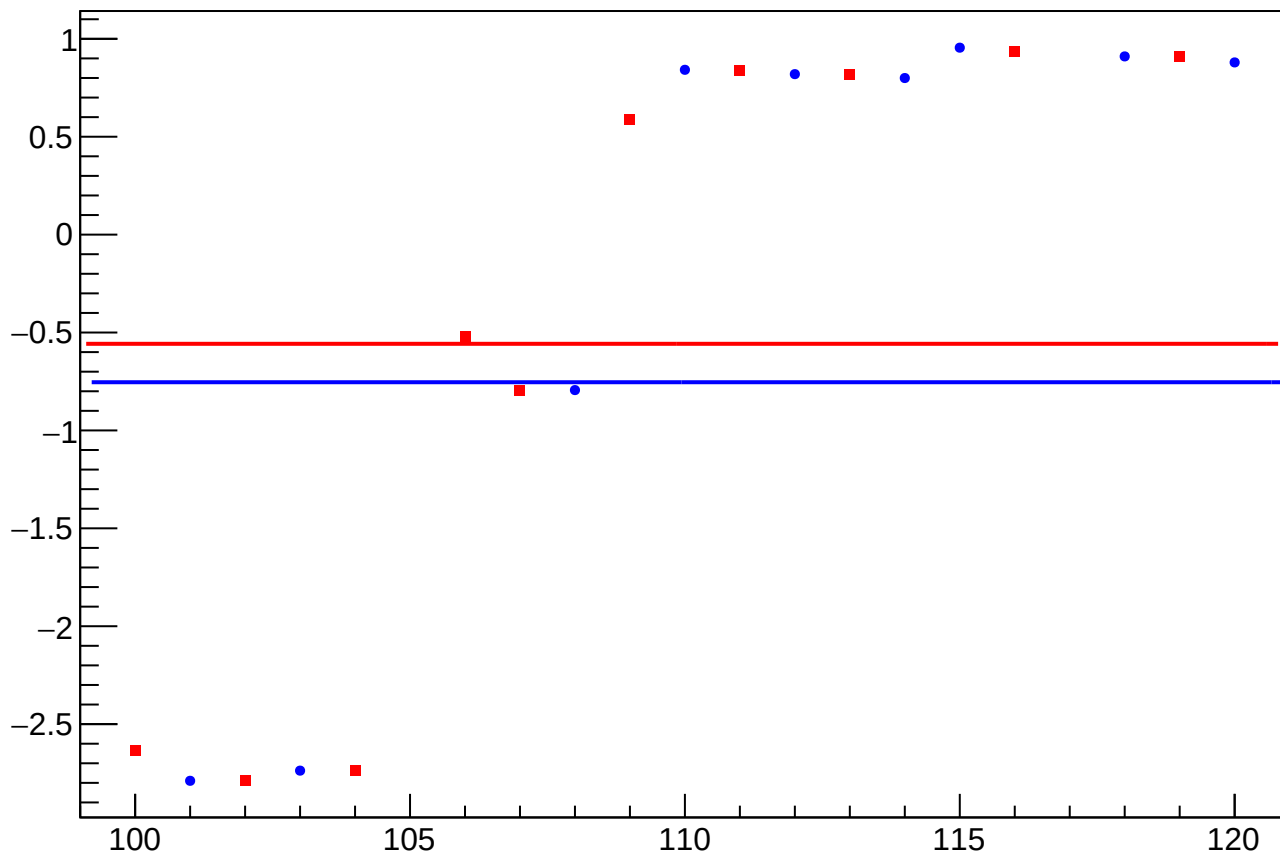
Right: 0.014+/-0.000 χ^2/NDF : 852000.0/18

In: 0.015+/-0.000 χ^2/NDF : 544554.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 852000.0/18

yield_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -0.754+/-0.000 χ^2/NDF : 589432101178.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.558+/-0.000 χ^2/NDF : 708976953270.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

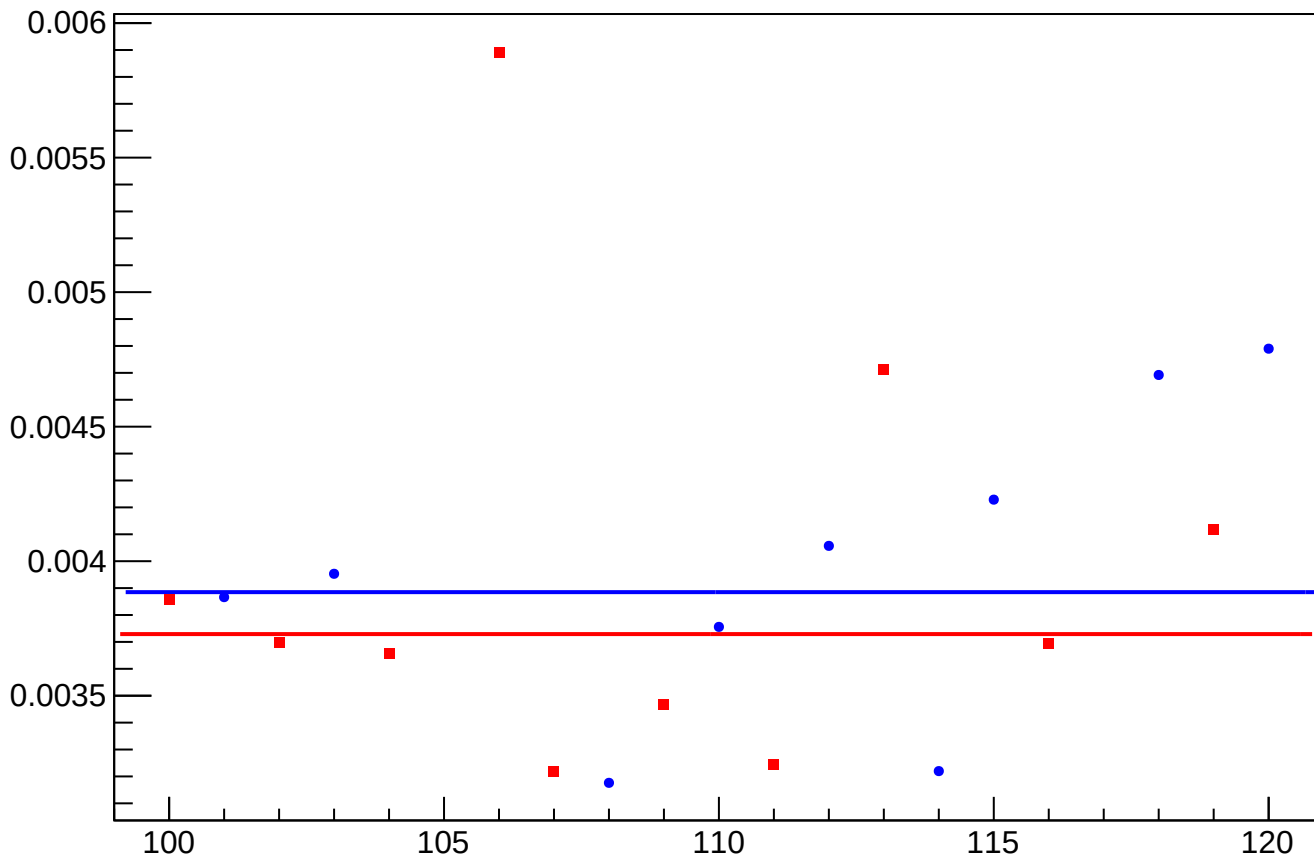
Right: -0.646+/-0.000 χ^2/NDF : 1303090366790.5/1

In: -0.754+/-0.000 χ^2/NDF :589432101178.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.646+/-0.000 χ^2/NDF : 1303090366790

yield_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 103146.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 157797.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

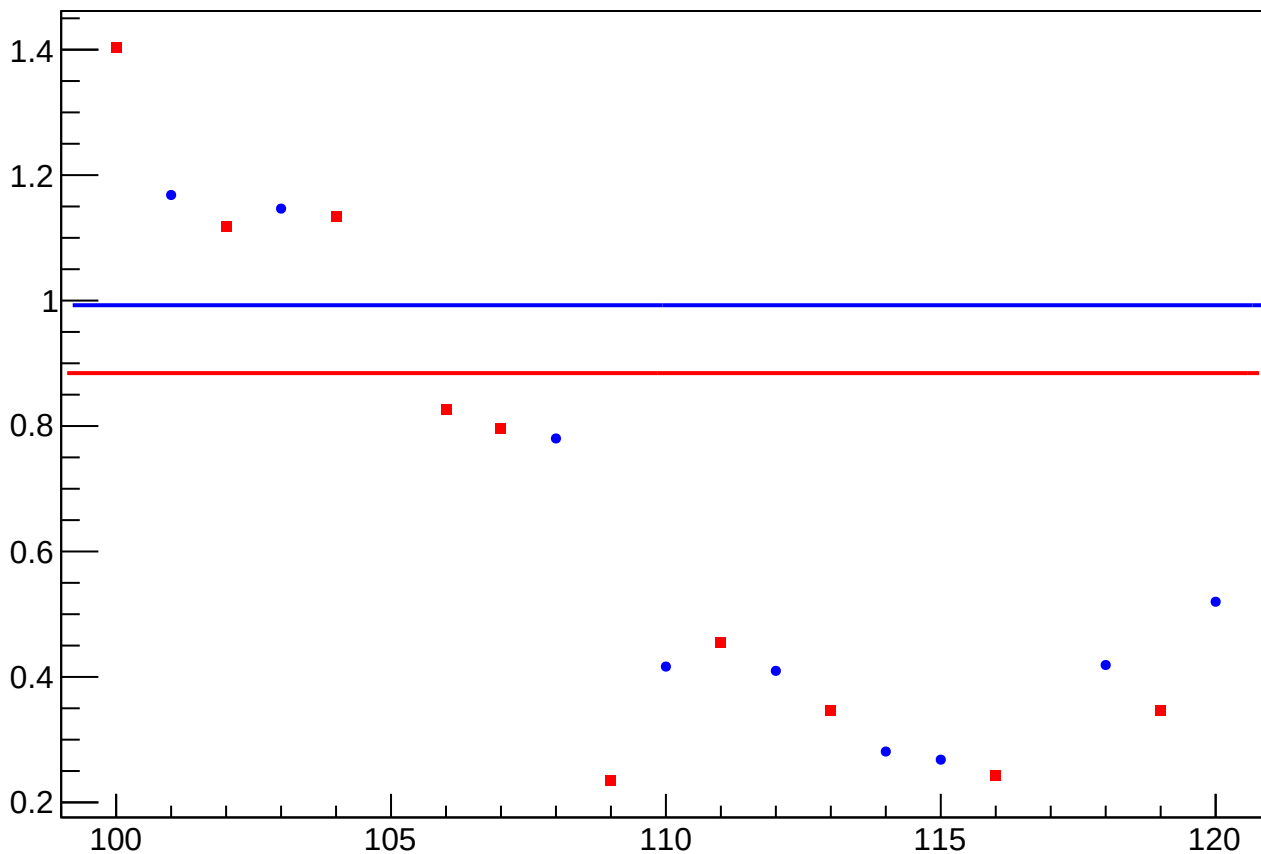
Right: 0.004+/-0.000 χ^2/NDF : 266852.8/18

In: 0.004+/-0.000 χ^2/NDF :103146.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 266852.8/18

yield_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 0.993+/-0.000 χ^2/NDF : 8304286581.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.884+/-0.000 χ^2/NDF : 14104320750.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

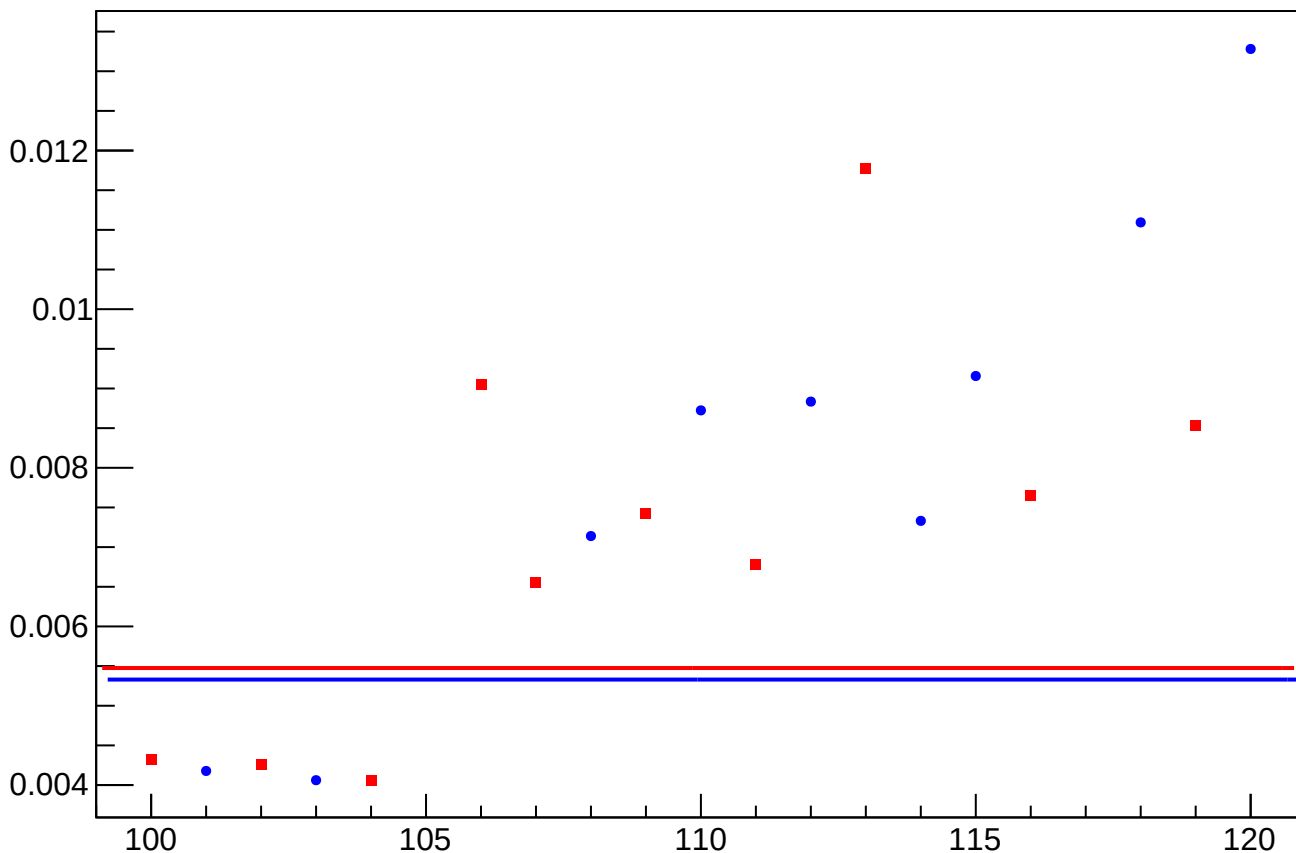
Right: 0.935+/-0.000 χ^2/NDF : 22998066977.7/18

In: 0.993+/-0.000 χ^2/NDF :8304286581.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.935+/-0.000 χ^2/NDF : 22998066977.7/18

yield_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 963927.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 764832.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

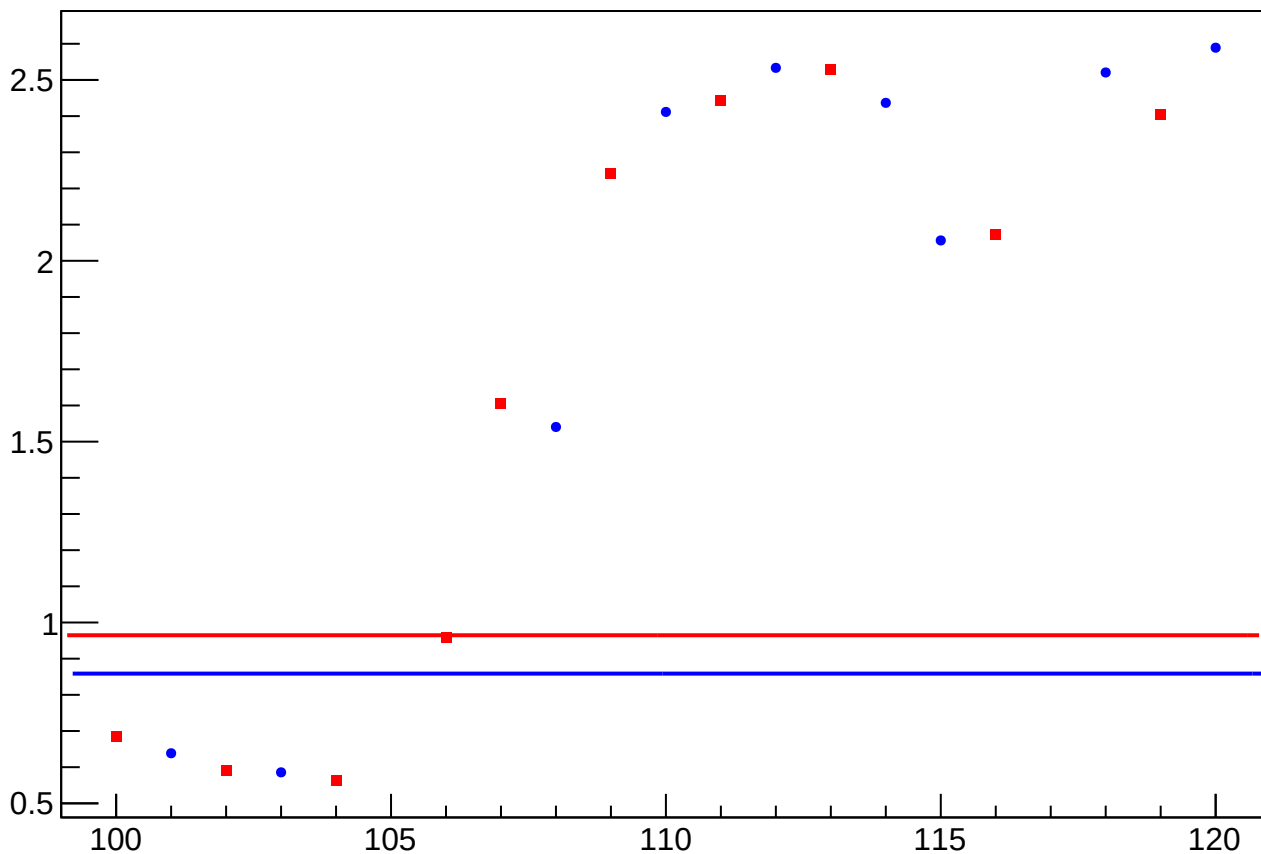
Right: 0.005+/-0.000 χ^2/NDF : 1730889.9/18

In: 0.005+/-0.000 χ^2/NDF :963927.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1730889.9/18

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 0.859+/-0.000 χ^2/NDF : 36121311697.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.965+/-0.000 χ^2/NDF : 57090950284.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

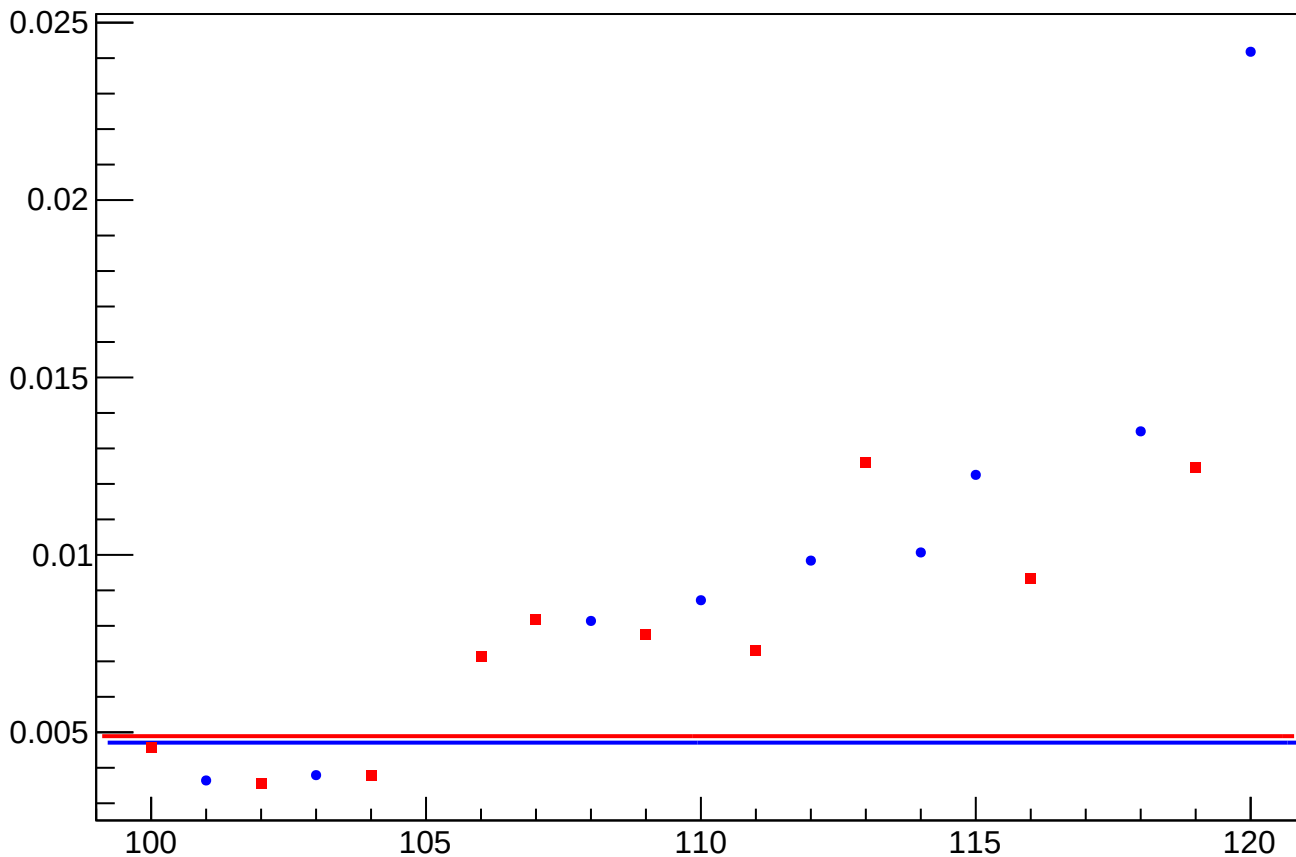
Right: 0.915+/-0.000 χ^2/NDF : 93832171739.0/18

In: 0.859+/-0.000 χ^2/NDF :36121311697.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.915+/-0.000 χ^2/NDF : 93832171739.0/18

yield_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1404046.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1198070.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

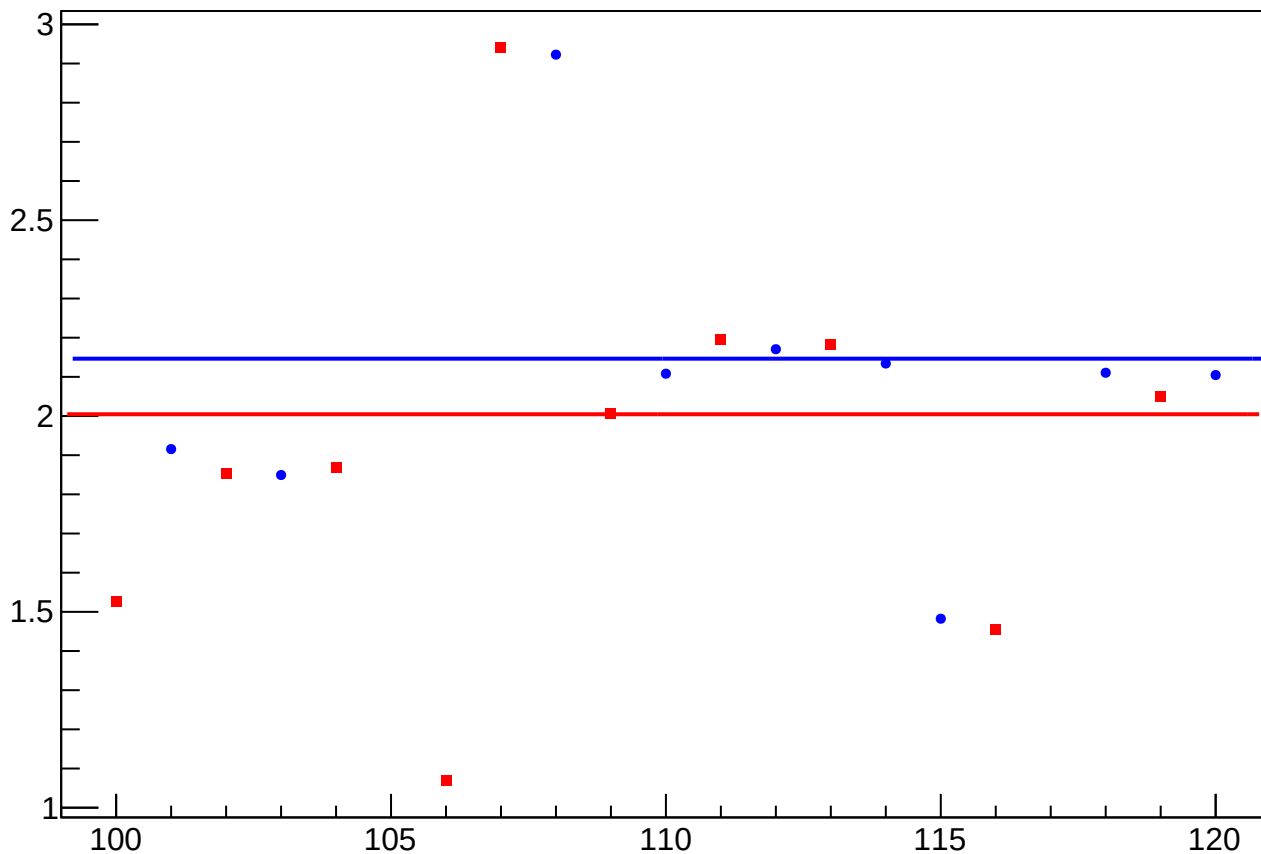
Right: 0.005+/-0.000 χ^2/NDF : 2605785.1/18

In: 0.005+/-0.000 χ^2/NDF :1404046.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2605785.1/18

yield_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 2.146+/-0.000 χ^2/NDF : 9014785787.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.005+/-0.000 χ^2/NDF : 13162677848.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

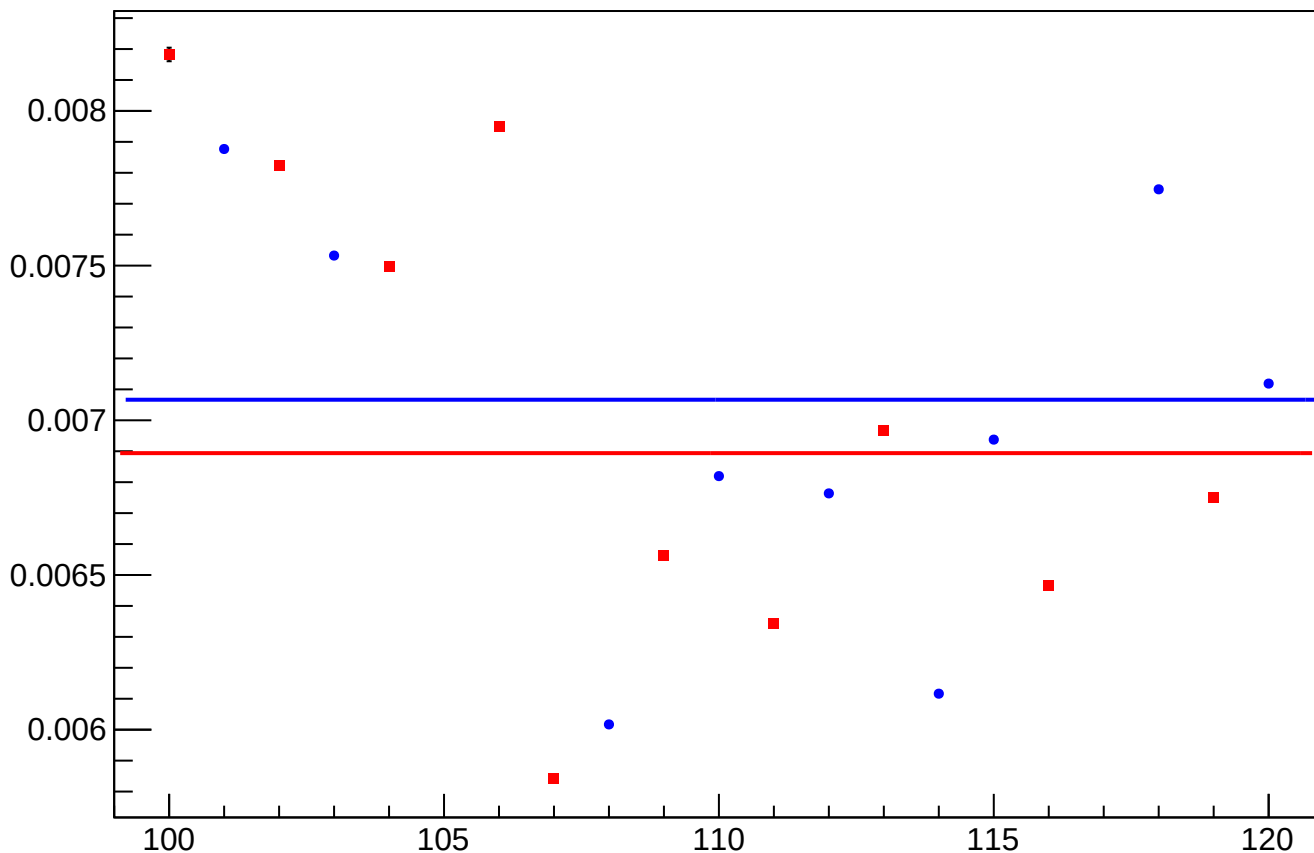
Right: 2.069+/-0.000 χ^2/NDF : 22931398394.1/18

In: 2.146+/-0.000 χ^2/NDF : 9014785787.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.069+/-0.000 χ^2/NDF : 22931398394.1/18

yield_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 56304.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 65048.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

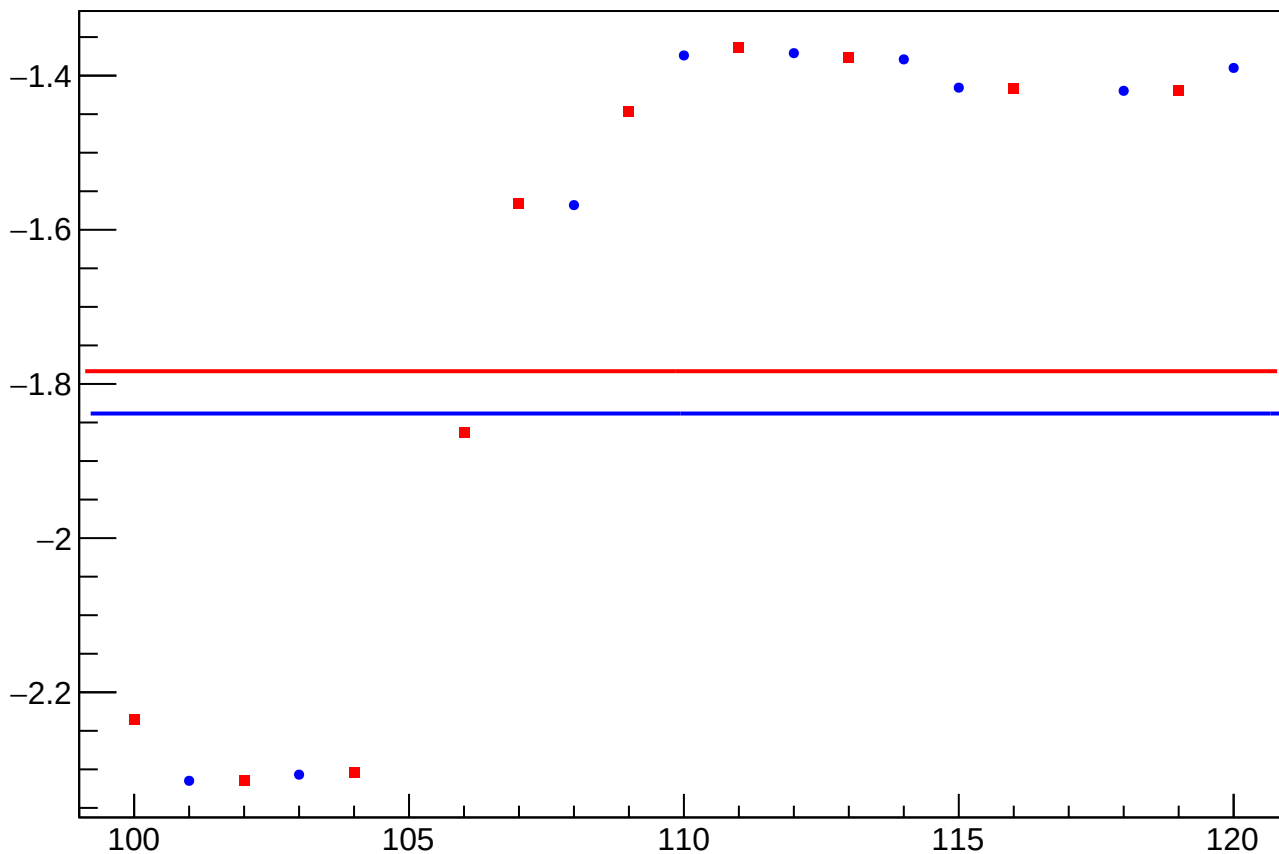
Right: 0.007+/-0.000 χ^2/NDF : 123584.3/18

In: 0.007+/-0.000 χ^2/NDF :56304.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 123584.3/18

yield_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -1.838+/-0.000 χ^2/NDF : 88317295788.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.783+/-0.000 χ^2/NDF : 95932042174.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

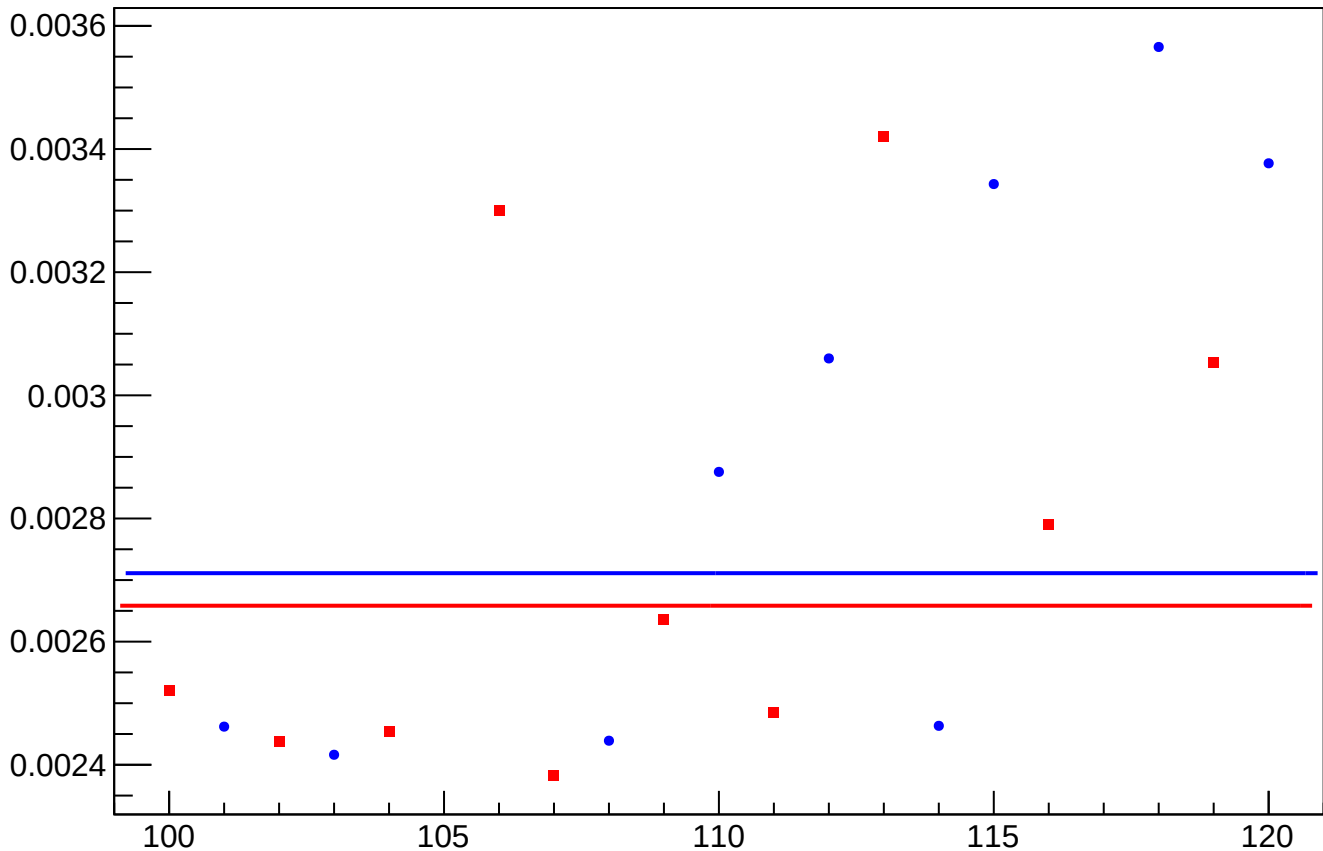
Right: -1.809+/-0.000 χ^2/NDF : 184992049221.5/18

In: -1.838+/-0.000 χ^2/NDF :88317295788.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.809+/-0.000 χ^2/NDF : 184992049221.5

yield_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 143676.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 107922.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

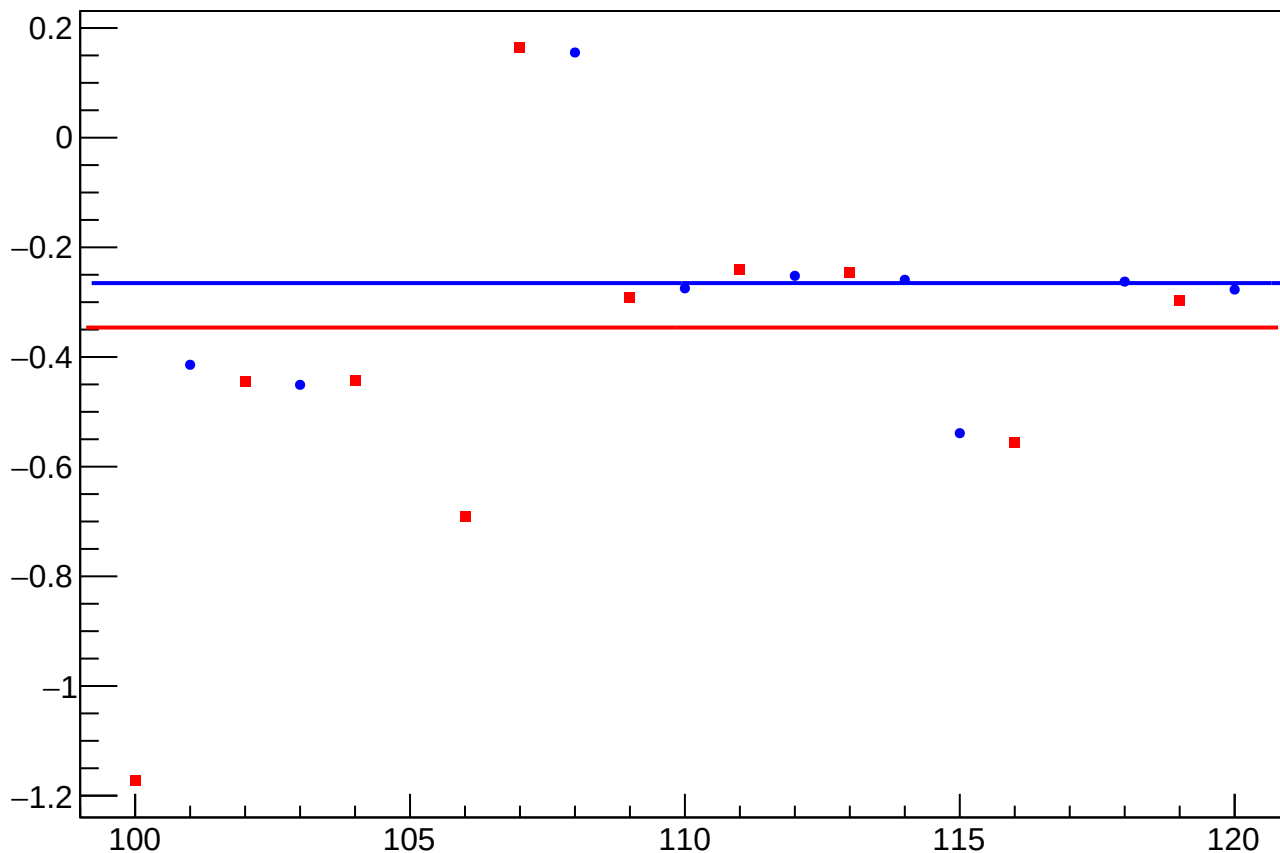
Right: 0.003+/-0.000 χ^2/NDF : 252973.7/18

In: 0.003+/-0.000 χ^2/NDF : 143676.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 252973.7/18

yield_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -0.265+/-0.000 χ^2/NDF : 943472059.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.346+/-0.000 χ^2/NDF : 1537664682.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

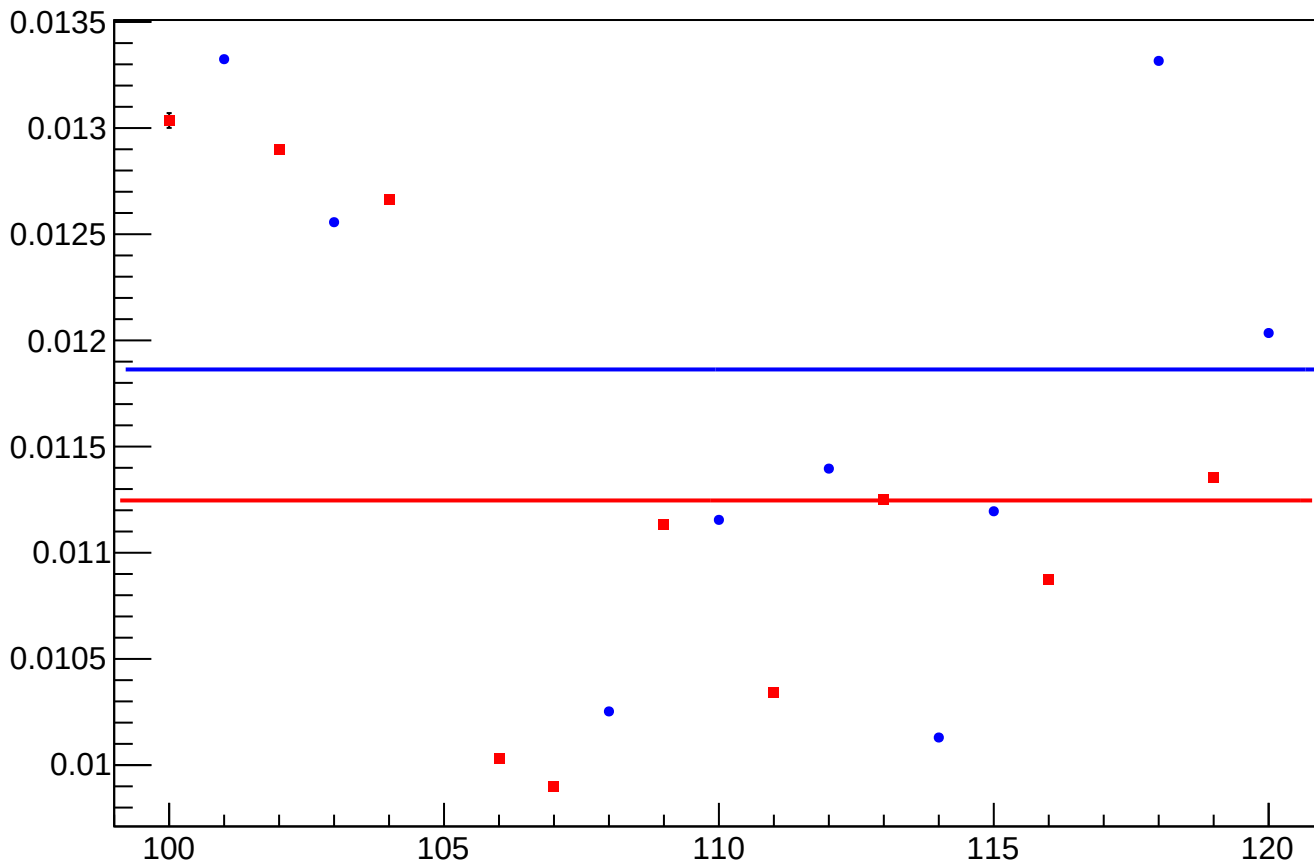
Right: -0.310+/-0.000 χ^2/NDF : 2572590923.4/18

In: -0.265+/-0.000 χ^2/NDF :943472059.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.310+/-0.000 χ^2/NDF : 2572590923.4/18

yield_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 62141.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 61379.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

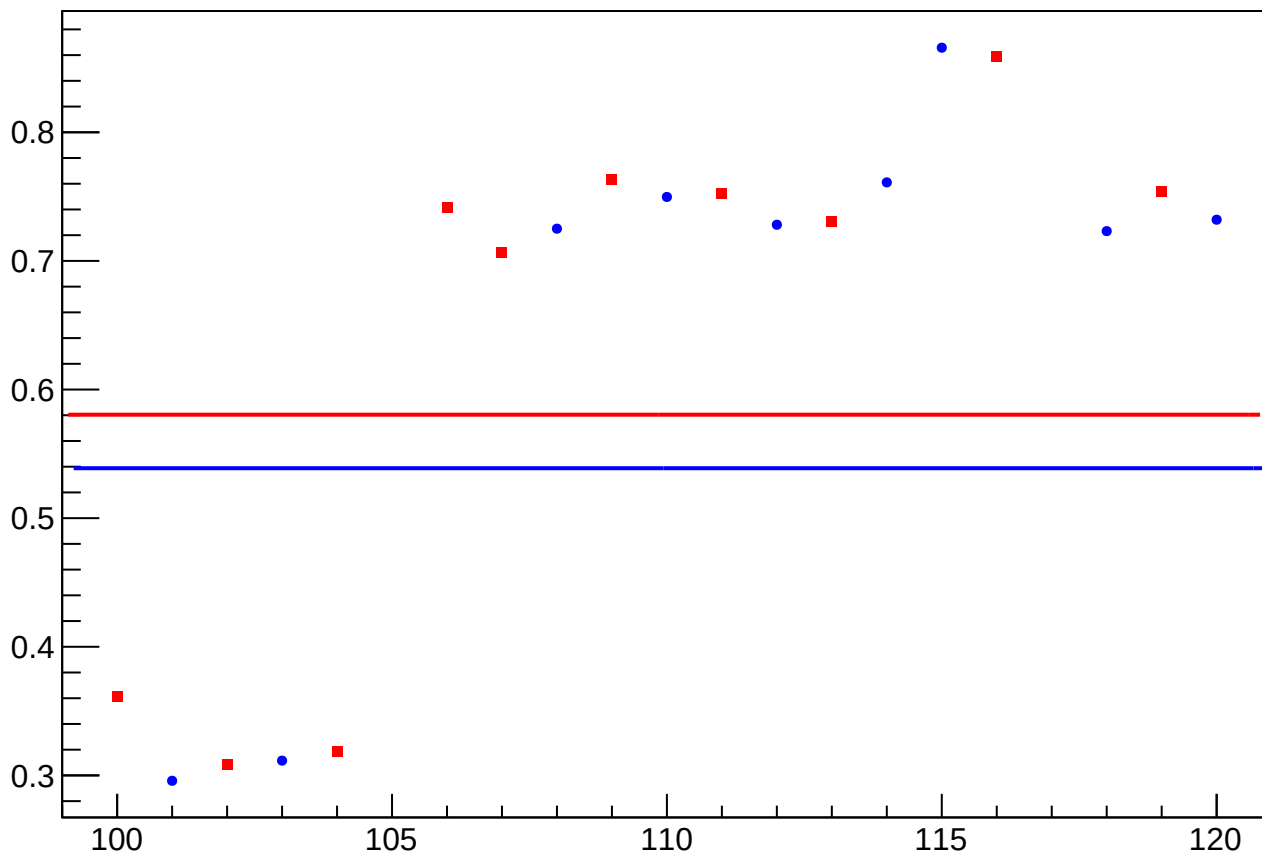
Right: 0.012+/-0.000 χ^2/NDF : 134115.7/18

In: 0.012+/-0.000 χ^2/NDF : 62141.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 134115.7/18

yield_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: 0.539+/-0.000 χ^2/NDF : 22156878644.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.580+/-0.000 χ^2/NDF : 24773448871.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

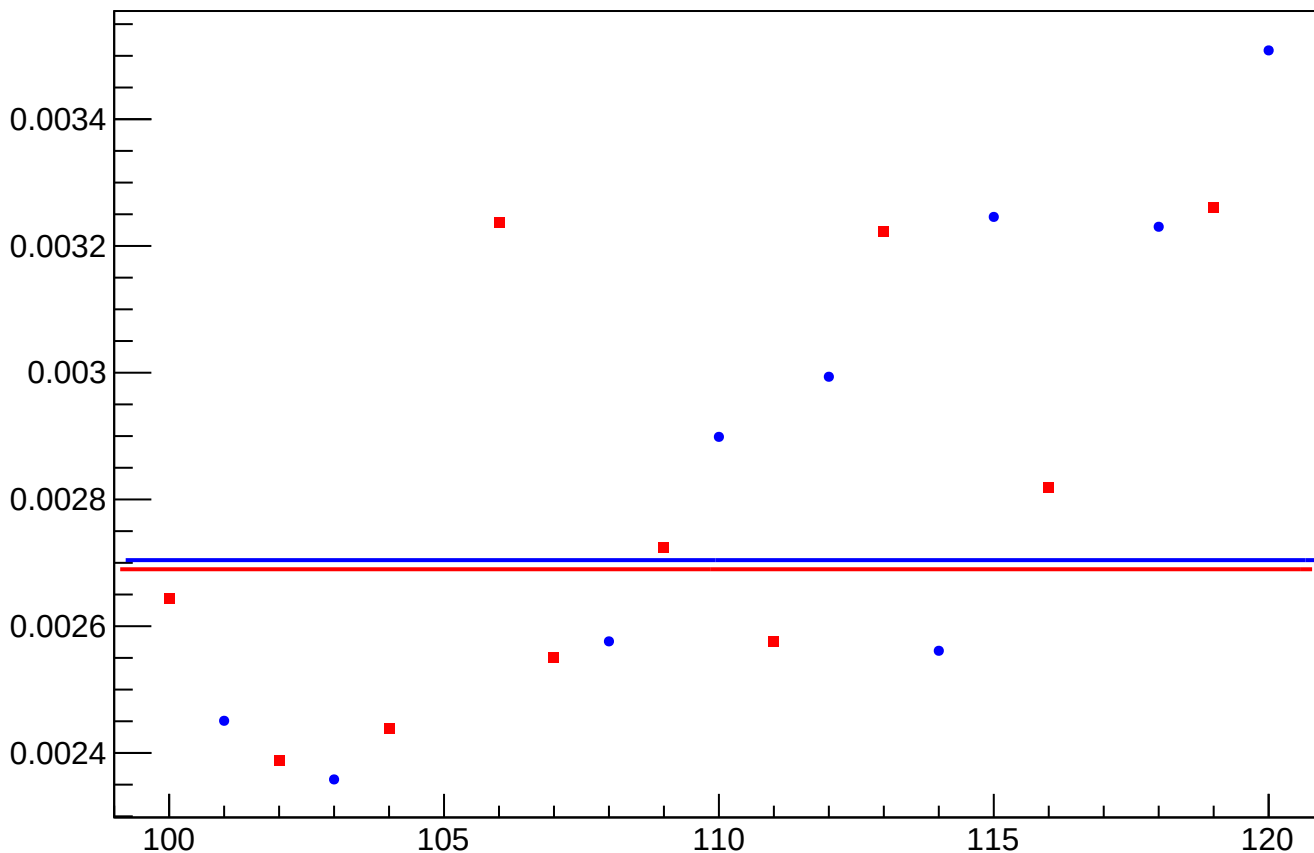
Right: 0.561+/-0.000 χ^2/NDF : 47354991510.3/18

In: 0.539+/-0.000 χ^2/NDF :22156878644.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.561+/-0.000 χ^2/NDF : 47354991510.3/18

yield_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 119840.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 103789.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

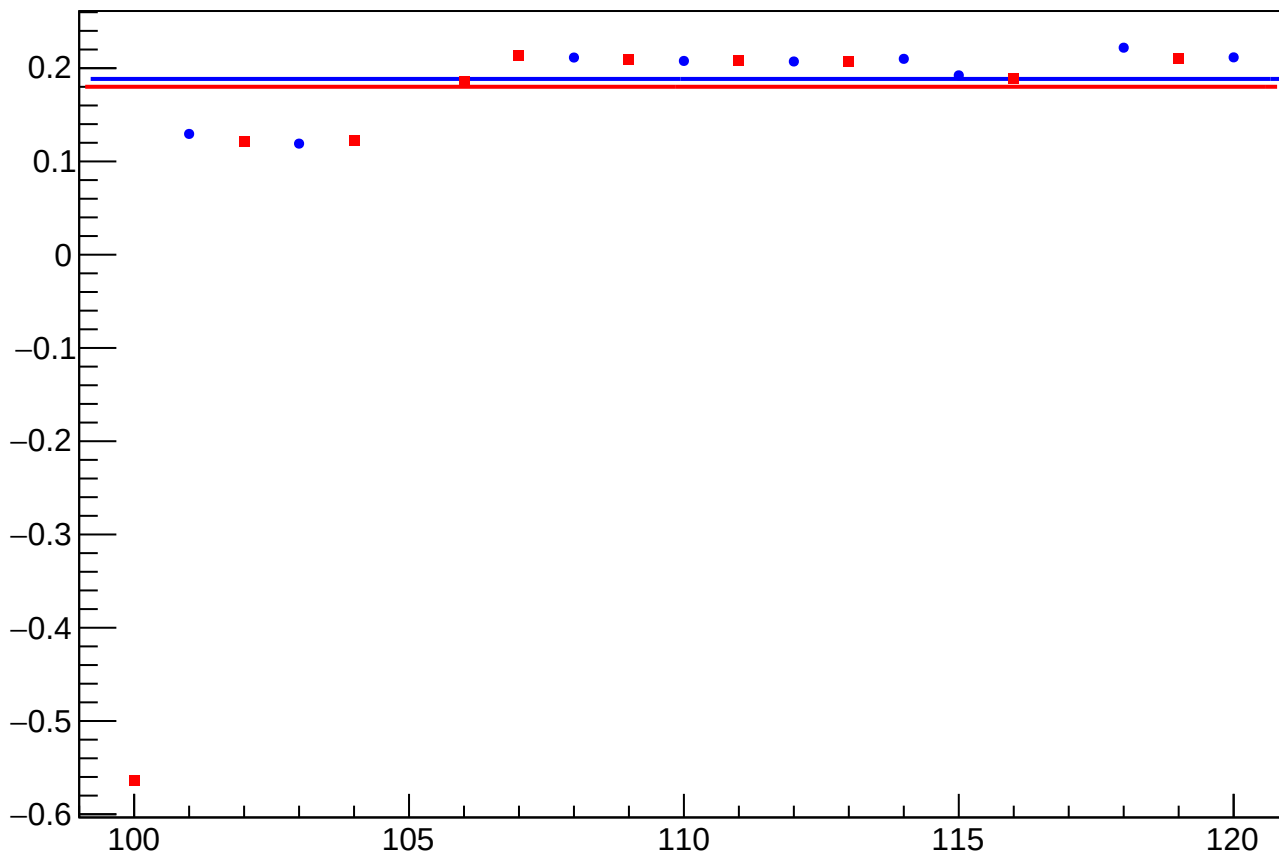
Right: 0.003+/-0.000 χ^2/NDF : 223731.7/18

In: 0.003+/-0.000 χ^2/NDF : 119840.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 223731.7/18

yield_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 0.188+/-0.000 χ^2/NDF : 47490767.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.180+/-0.000 χ^2/NDF : 329846236.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

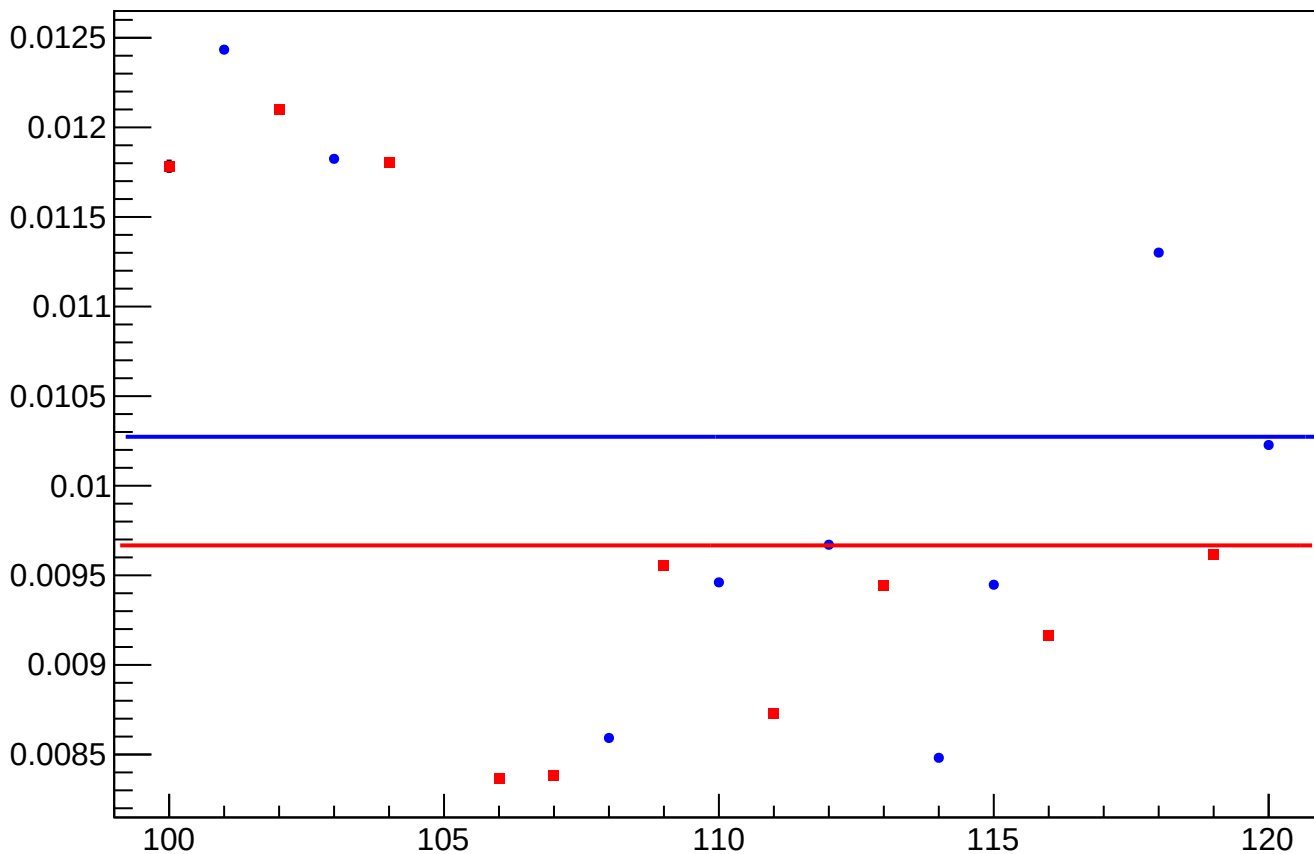
Right: 0.184+/-0.000 χ^2/NDF : 378646349.0/18

In: 0.188+/-0.000 χ^2/NDF : 47490767.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.184+/-0.000 χ^2/NDF : 378646349.0/18

yield_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 117805.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 126778.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

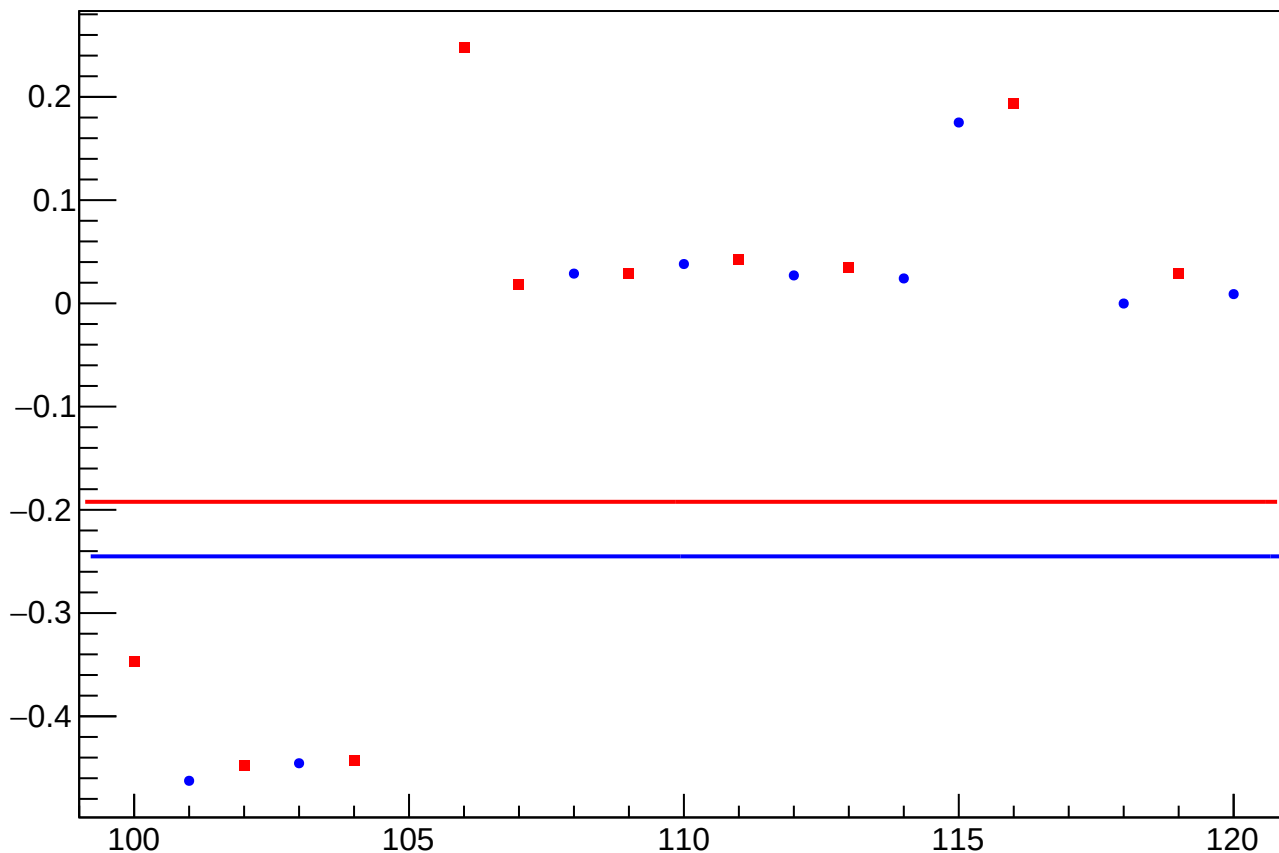
Right: 0.010+/-0.000 χ^2/NDF : 258167.3/18

In: 0.010+/-0.000 χ^2/NDF :117805.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.010+/-0.000 χ^2/NDF : 258167.3/18

yield_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -0.245+/-0.000 χ^2/NDF : 9733424065.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.192+/-0.000 χ^2/NDF : 11898733855.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

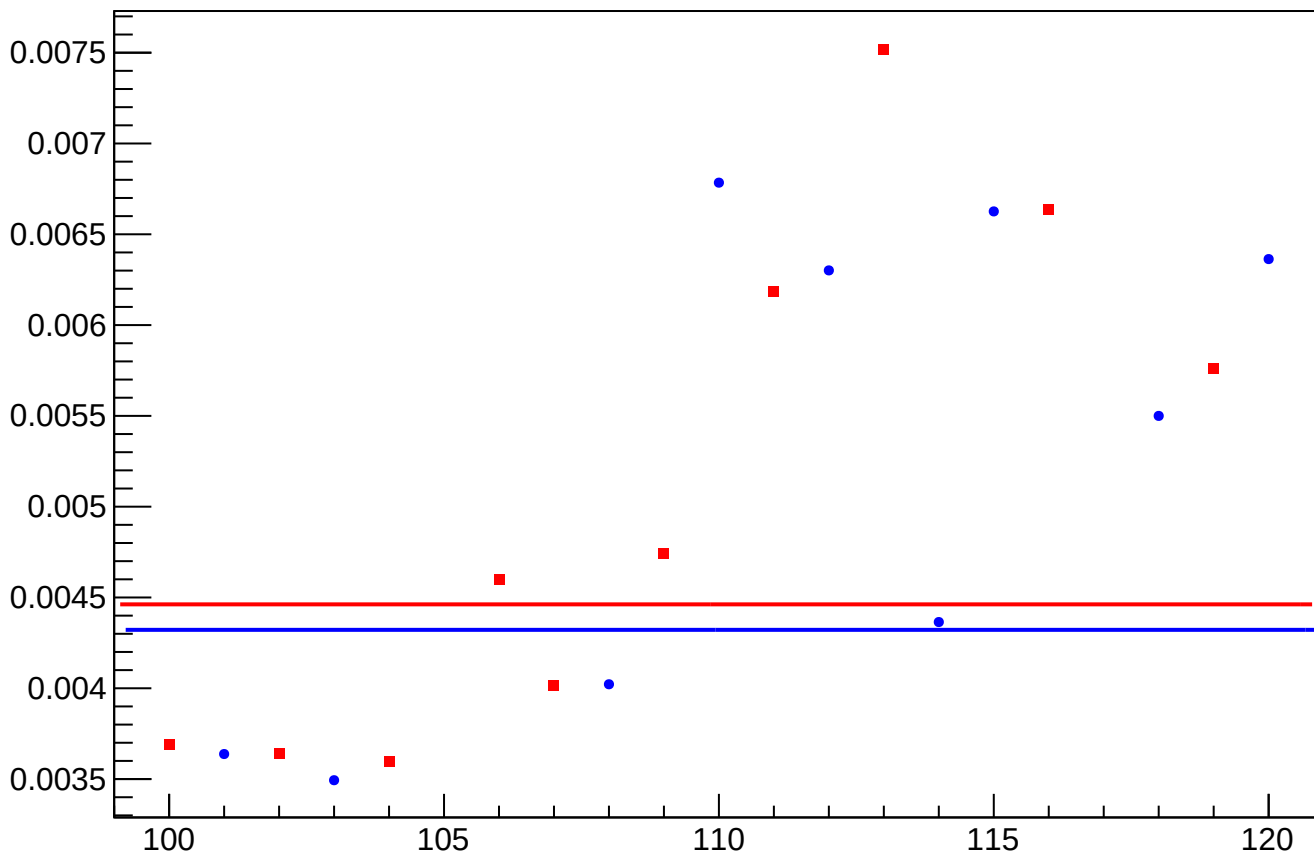
Right: -0.218+/-0.000 χ^2/NDF : 21875119483.9/18

In: -0.245+/-0.000 χ^2/NDF :9733424065.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.218+/-0.000 χ^2/NDF : 21875119483.9/18

yield_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 427392.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 449976.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

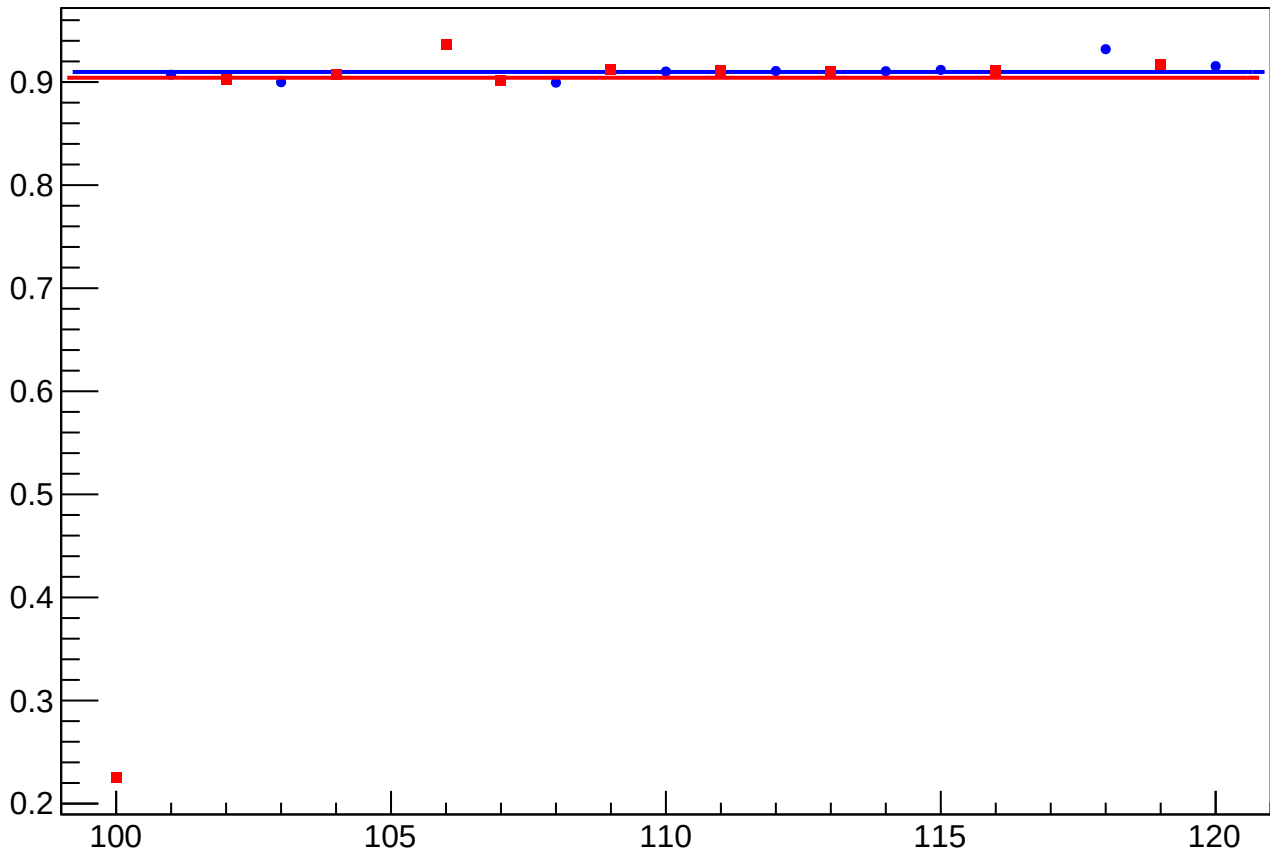
Right: 0.004+/-0.000 χ^2/NDF : 880795.6/18

In: 0.004+/-0.000 χ^2/NDF :427392.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 880795.6/18

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.910+/-0.000 χ^2/NDF : 2388696.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.904+/-0.000 χ^2/NDF : 217618477.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

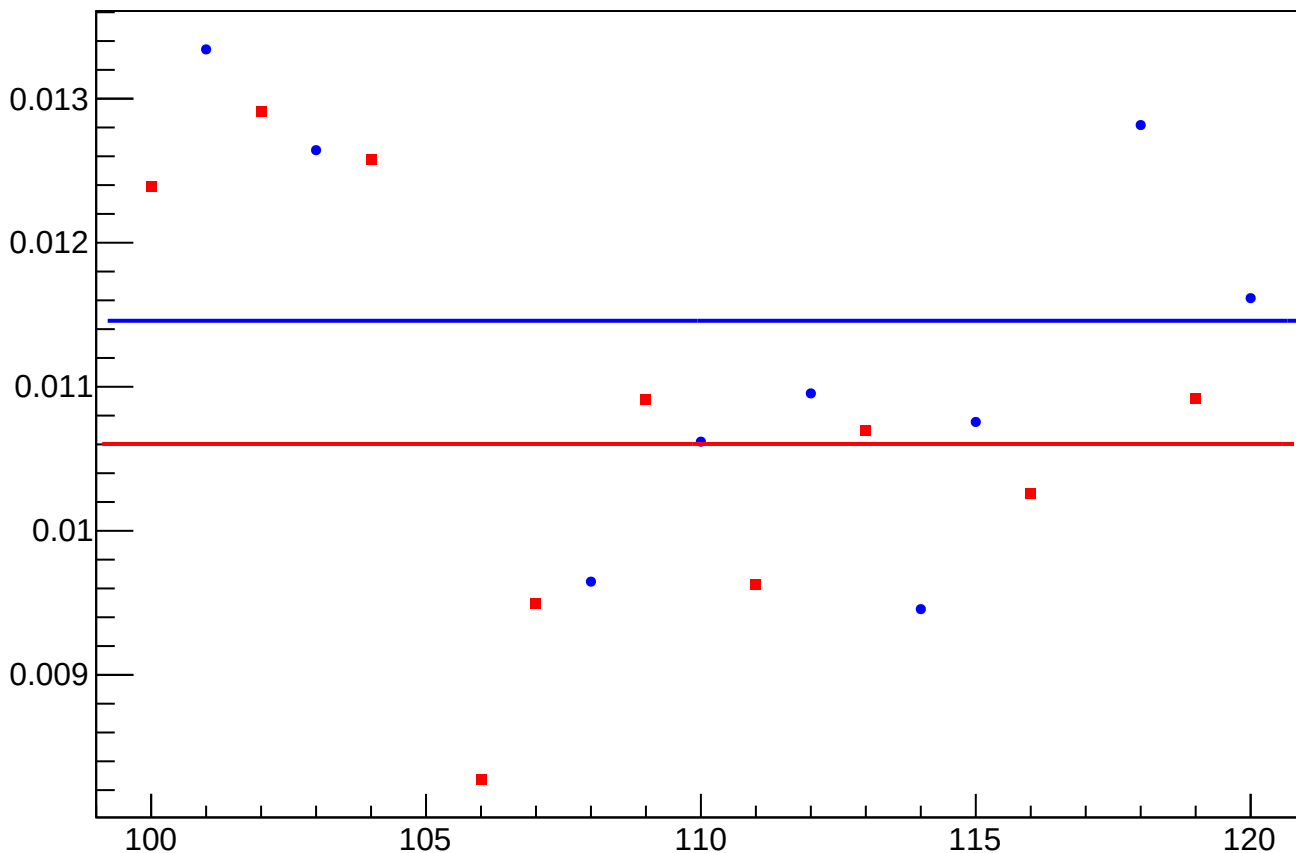
Right: 0.907+/-0.000 χ^2/NDF : 220478487.4/18

In: 0.910+/-0.000 χ^2/NDF : 2388696.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.907+/-0.000 χ^2/NDF : 220478487.4/18

yield_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 91797.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 134965.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

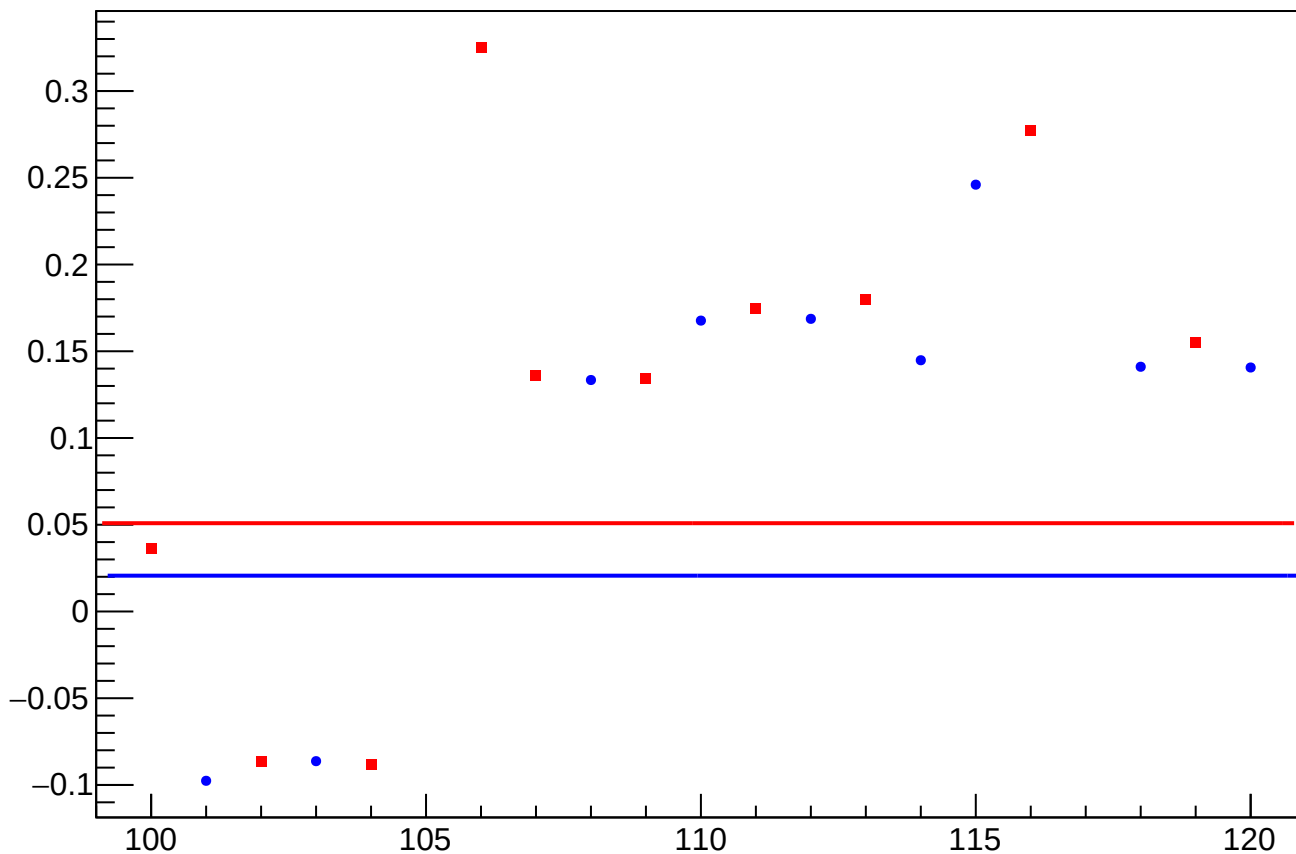
Right: 0.011+/-0.000 χ^2/NDF : 248795.0/18

In: 0.011+/-0.000 χ^2/NDF : 91797.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 248795.0/18

yield_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.000

χ^2/NDF : 2156206485.2/8

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.051+/-0.000

χ^2/NDF : 2894272706.9/9

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.036+/-0.000

χ^2/NDF : 5119754595.1/18

In: 0.021+/-0.000

χ^2/NDF : 2156206485.2/8

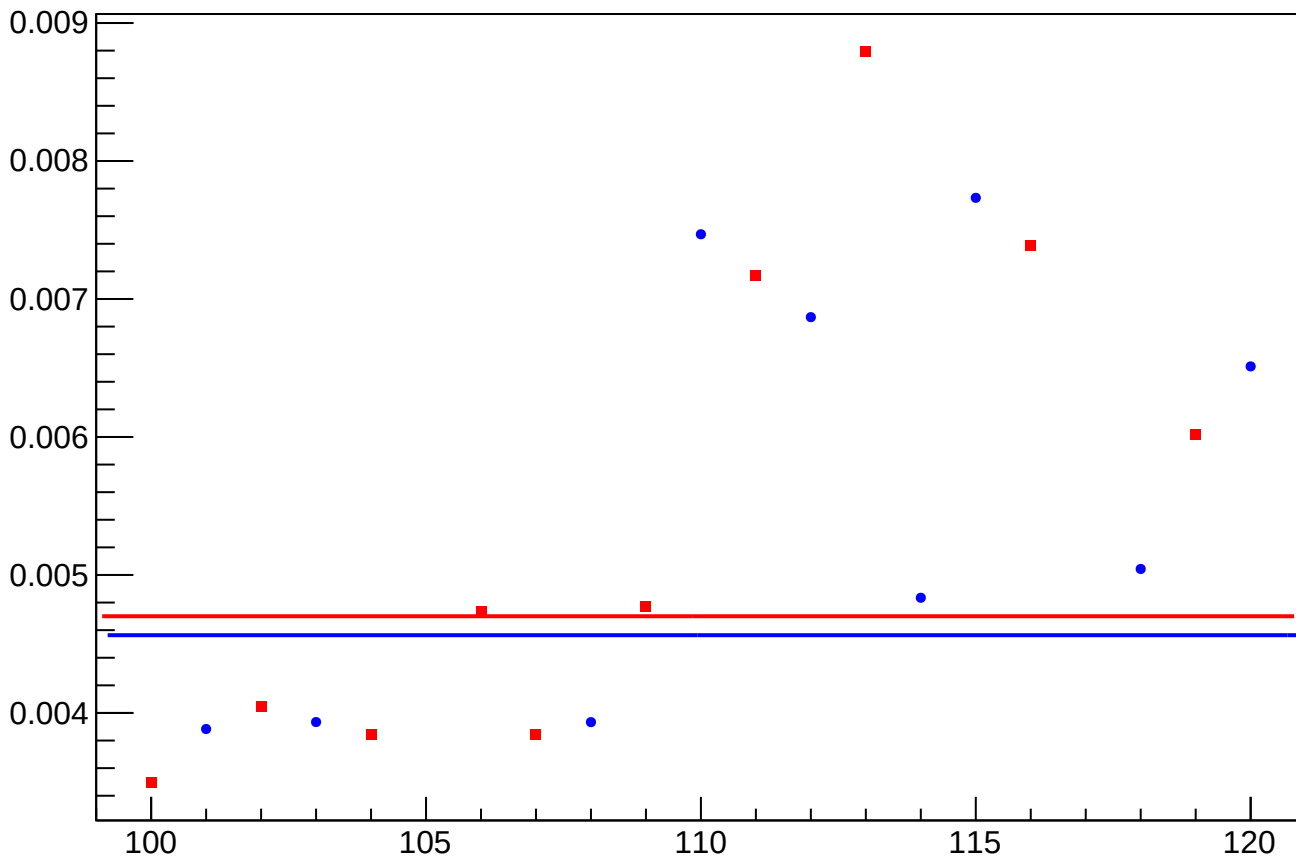
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.036+/-0.000

χ^2/NDF : 5119754595.1/18

yield_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 384957.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 509525.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

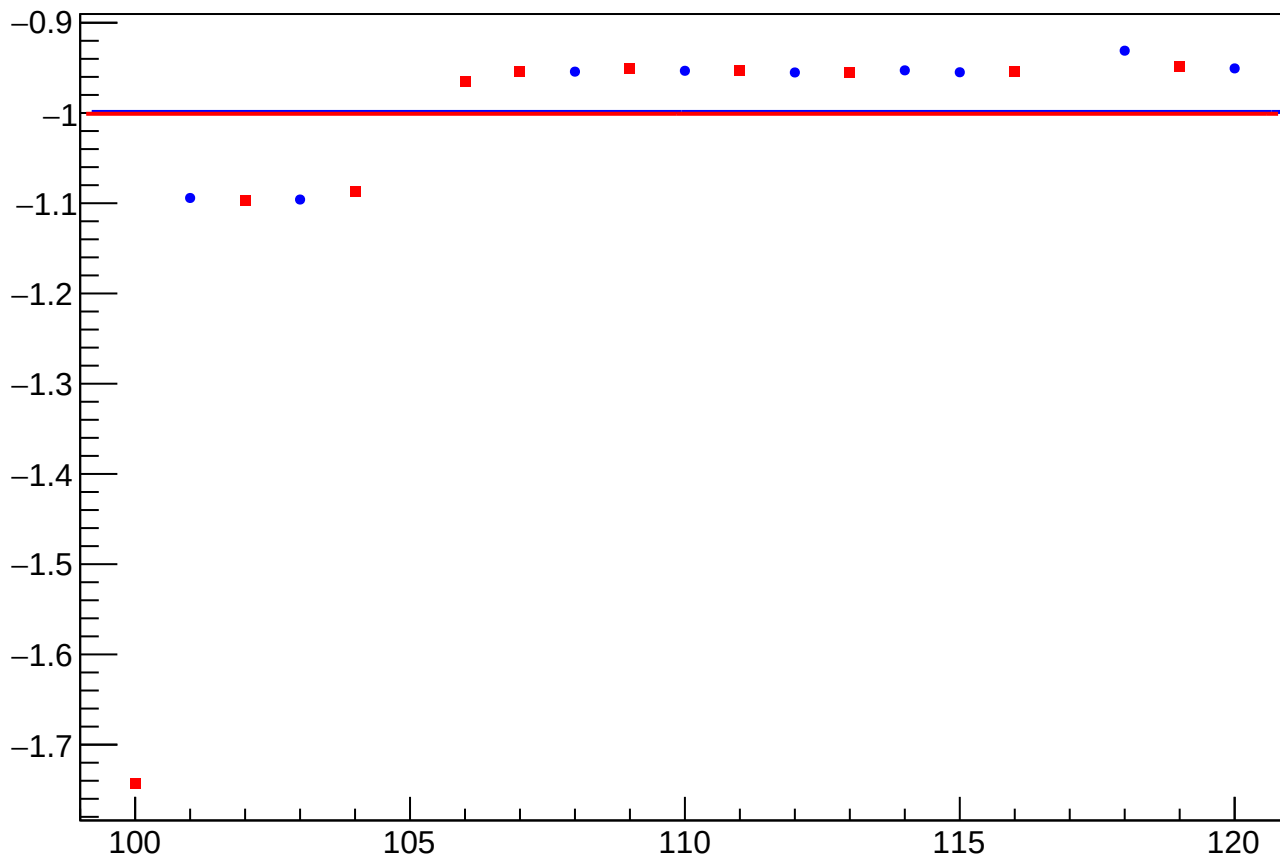
Right: 0.005+/-0.000 χ^2/NDF : 897339.2/18

In: 0.005+/-0.000 χ^2/NDF : 384957.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 897339.2/18

yield_bpm0l10X_mean vs Slug, Sign Corrected



Right In: -0.999+/-0.000 χ^2/NDF : 113507397.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.001+/-0.000 χ^2/NDF : 407190730.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

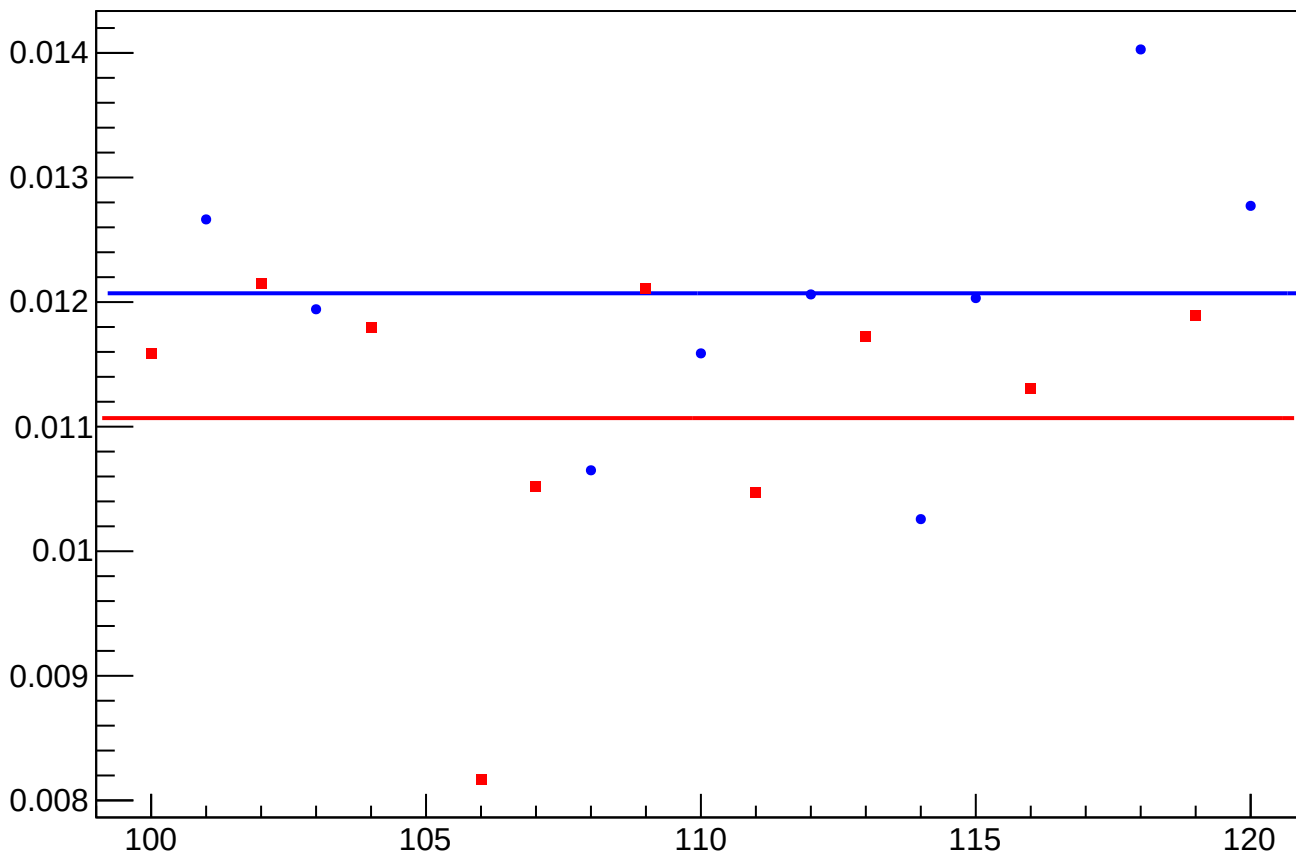
Right: -1.000+/-0.000 χ^2/NDF : 520754929.3/18

In: -0.999+/-0.000 χ^2/NDF : 113507397.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.000+/-0.000 χ^2/NDF : 520754929.3/18

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 45965.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 113271.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

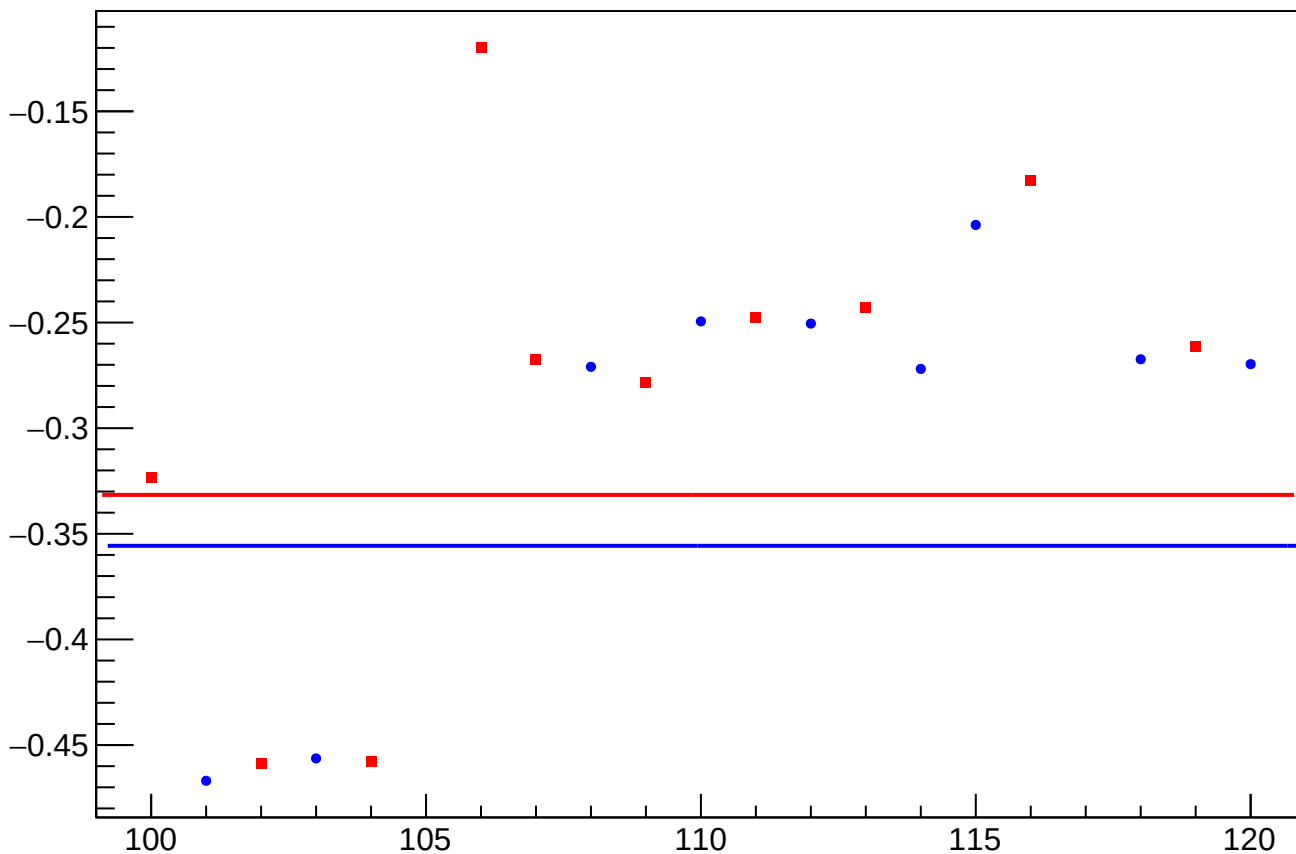
Right: 0.011+/-0.000 χ^2/NDF : 186789.5/18

In: 0.012+/-0.000 χ^2/NDF :45965.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 186789.5/18

yield_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -0.356+/-0.000 χ^2/NDF : 1925751419.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.332+/-0.000 χ^2/NDF : 2343539052.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

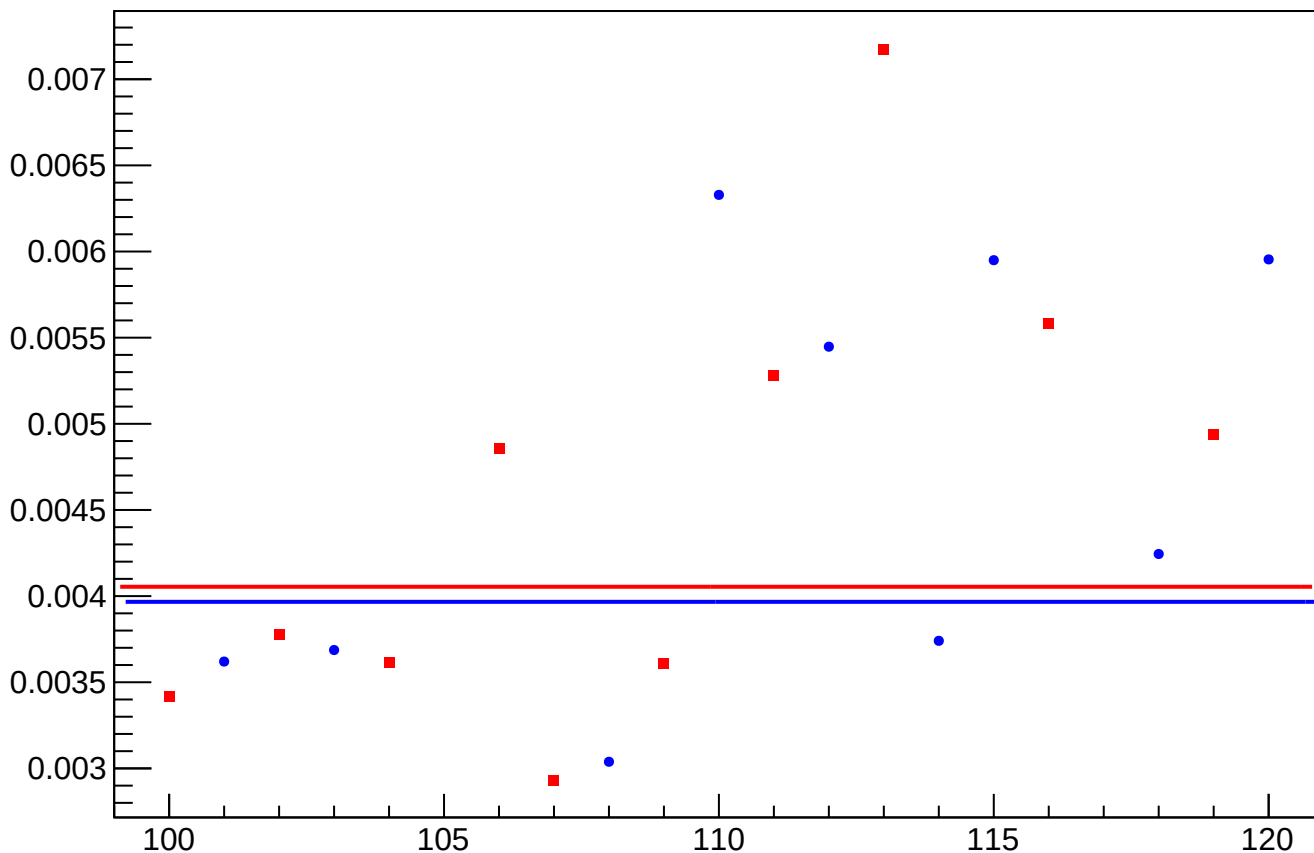
Right: -0.343+/-0.000 χ^2/NDF : 4327972341.6/18

In: -0.356+/-0.000 χ^2/NDF : 1925751419.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.343+/-0.000 χ^2/NDF : 4327972341.6/1

yield_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 340642.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 390138.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

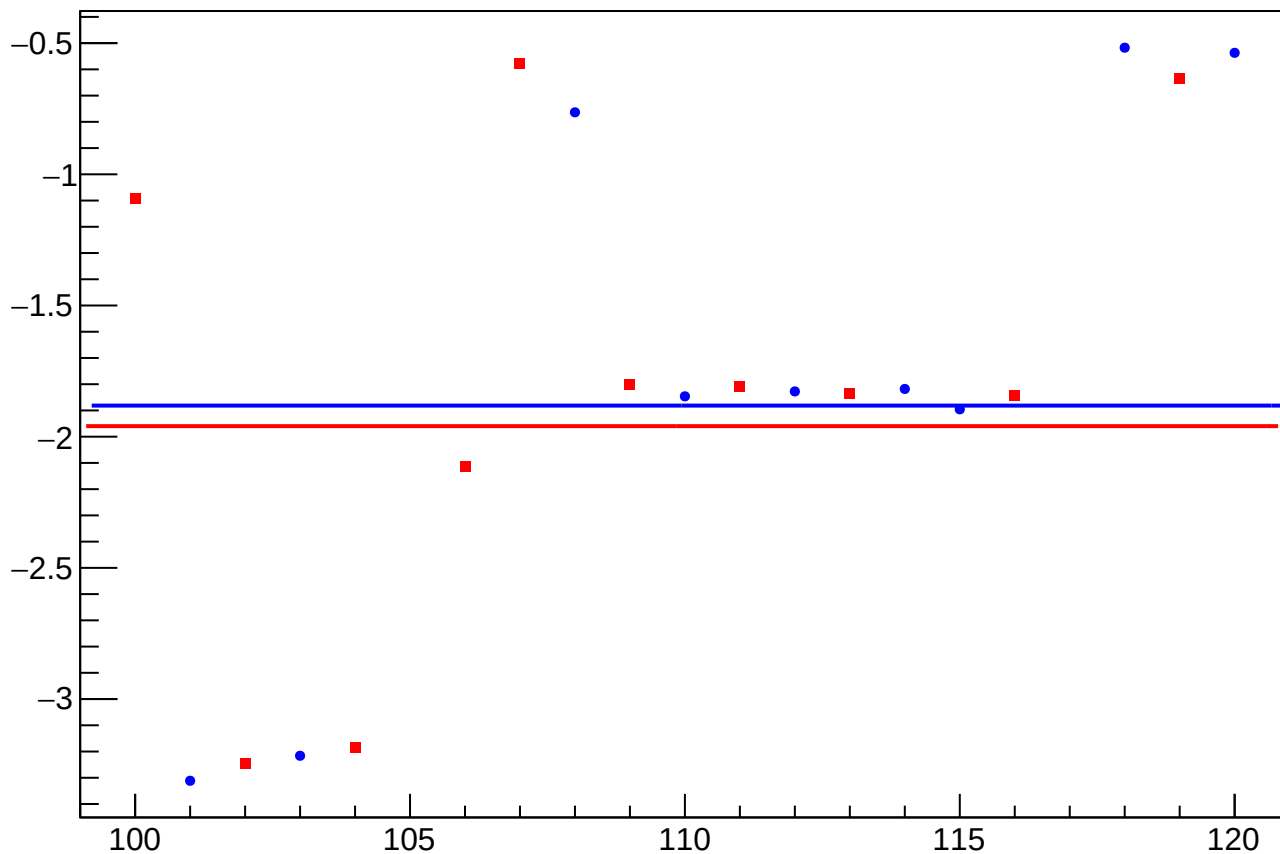
Right: 0.004+/-0.000 χ^2/NDF : 732326.7/18

In: 0.004+/-0.000 χ^2/NDF :340642.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 732326.7/18

yield_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -1.881+/-0.000 χ^2/NDF : 859690673.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.960+/-0.000 χ^2/NDF : 650015160.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

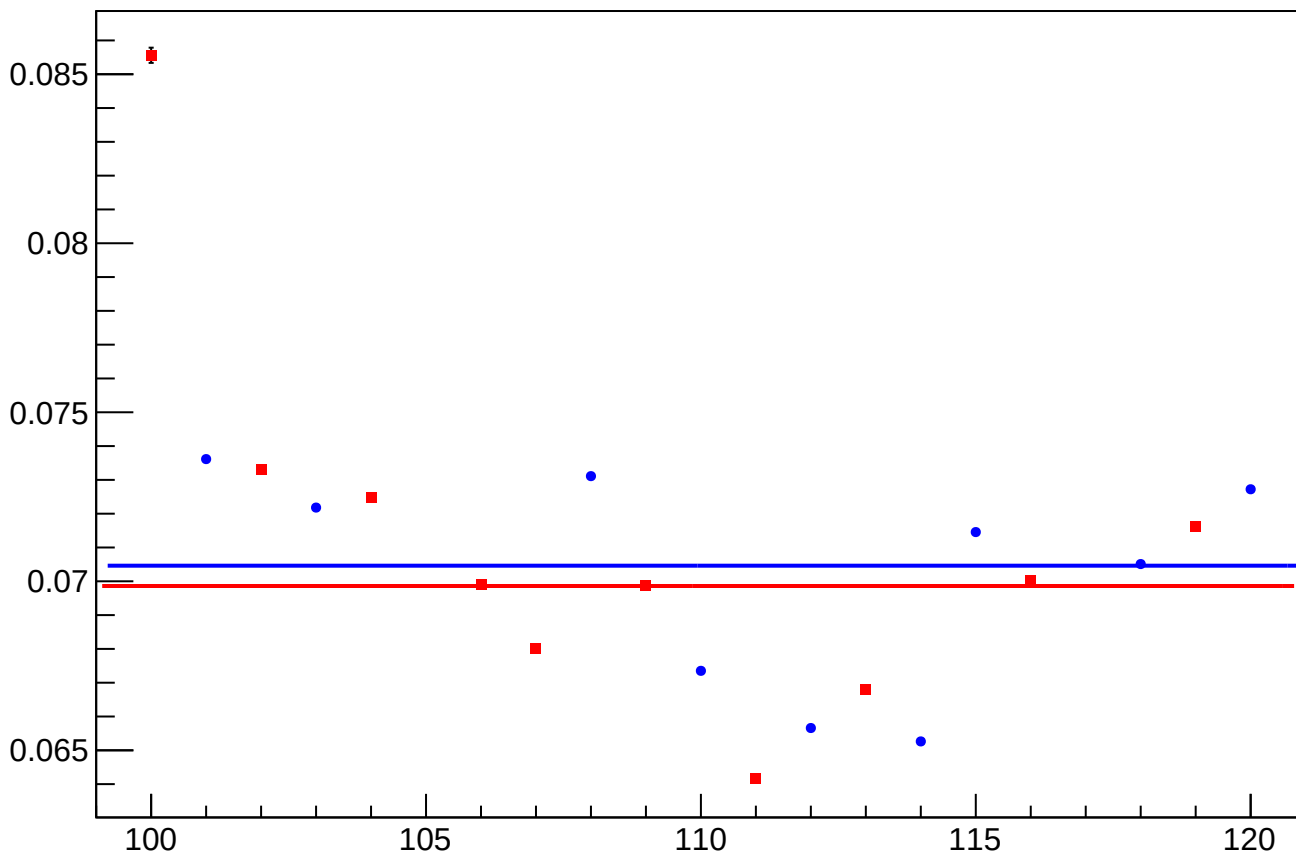
Right: -1.923+/-0.000 χ^2/NDF : 1512093934.5/18

In: -1.881+/-0.000 χ^2/NDF :859690673.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.923+/-0.000 χ^2/NDF : 1512093934.5/18

yield_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 0.070+/-0.000 χ^2/NDF : 13193.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.070+/-0.000 χ^2/NDF : 19035.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

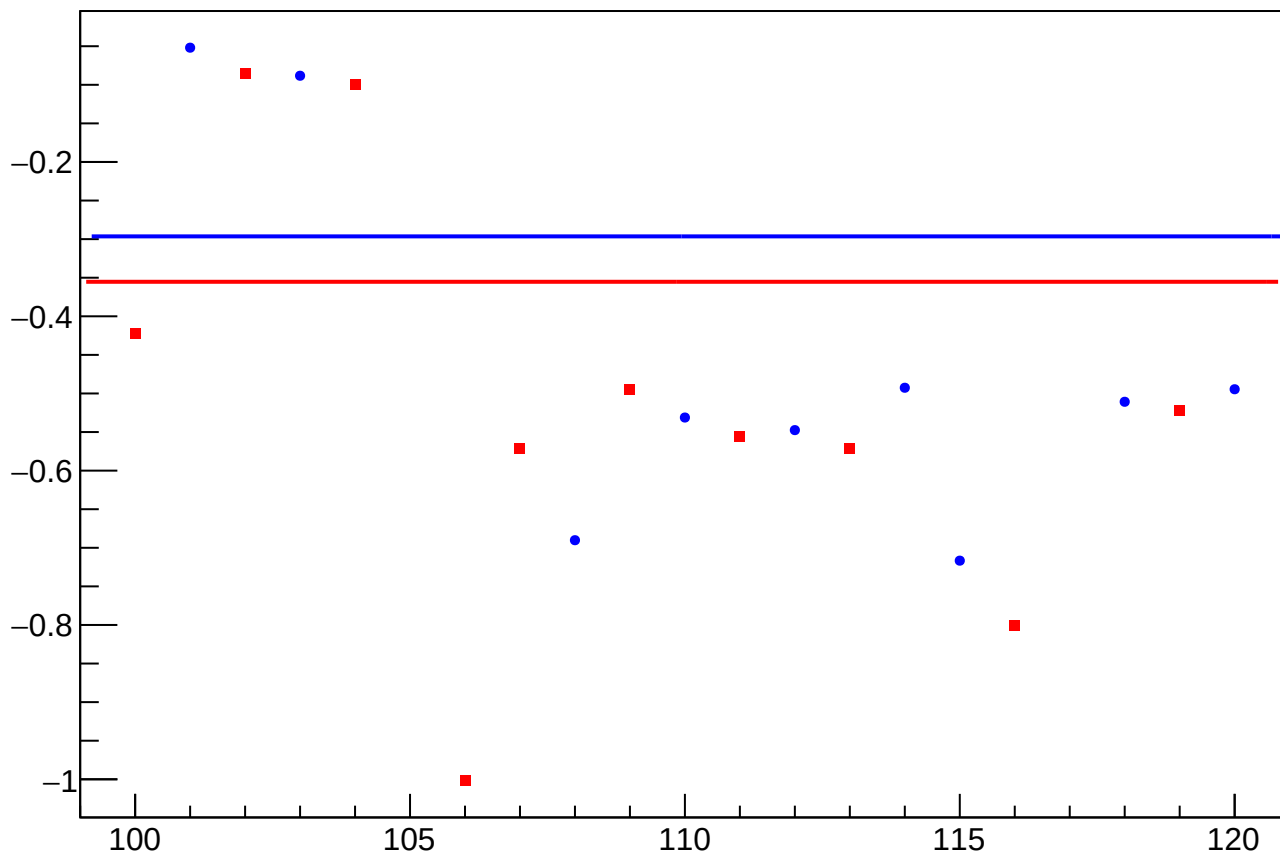
Right: 0.070+/-0.000 χ^2/NDF : 32509.9/18

In: 0.070+/-0.000 χ^2/NDF : 13193.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.070+/-0.000 χ^2/NDF : 32509.9/18

yield_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: -0.296+/-0.000 χ^2/NDF : 1722211495.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.355+/-0.000 χ^2/NDF : 2450549131.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

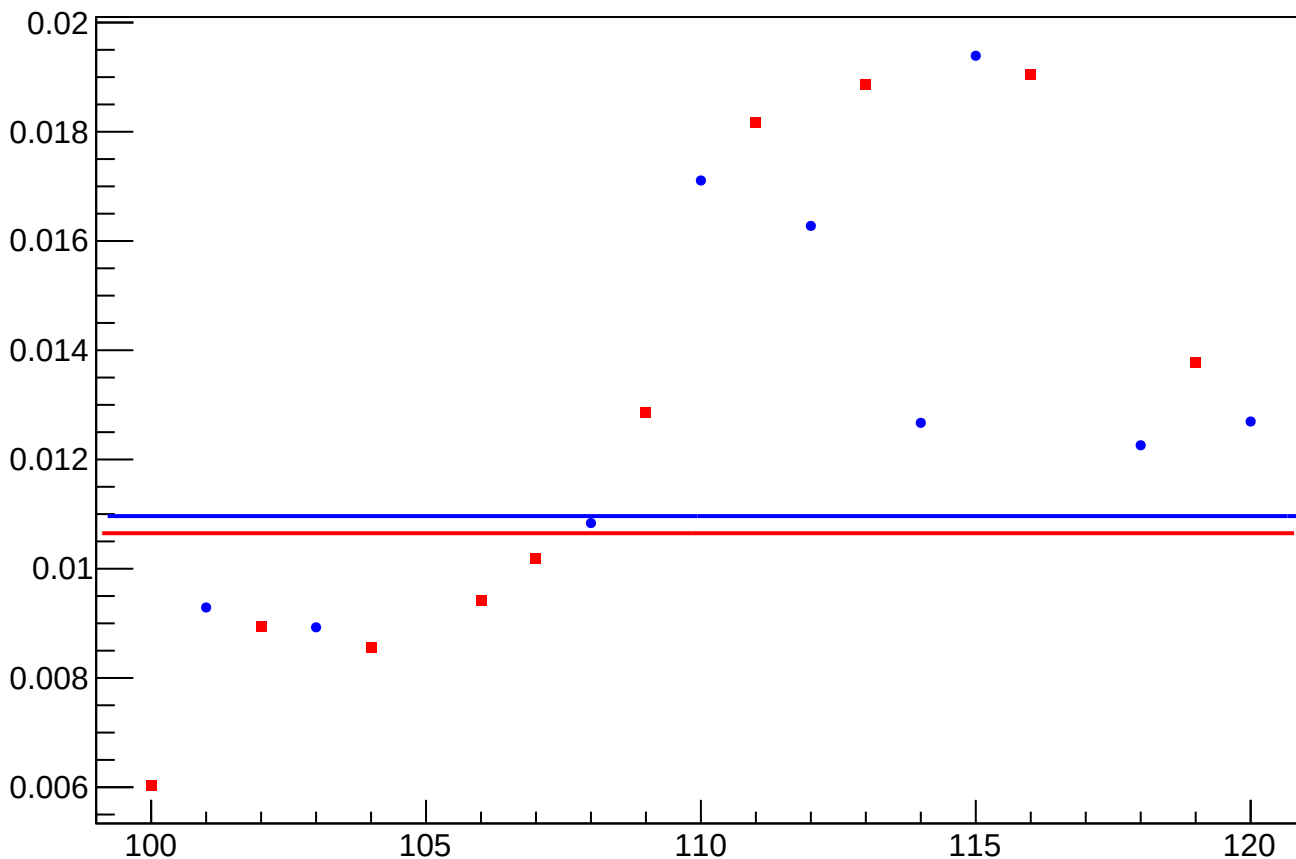
Right: -0.328+/-0.000 χ^2/NDF : 4221889654.3/18

In: -0.296+/-0.000 χ^2/NDF :1722211495.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.328+/-0.000 χ^2/NDF : 4221889654.3/1

yield_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 353821.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 678025.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

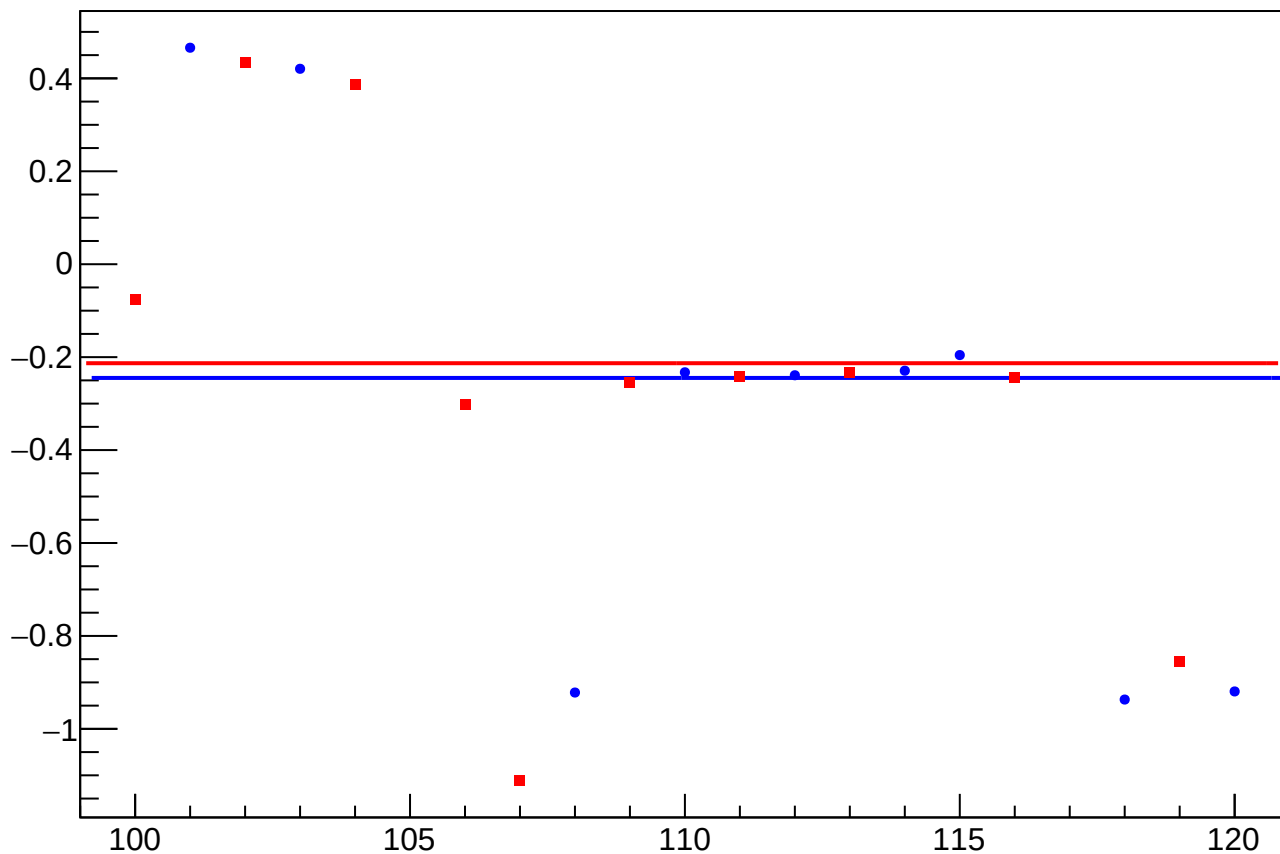
Right: 0.011+/-0.000 χ^2/NDF : 1034639.3/18

In: 0.011+/-0.000 χ^2/NDF : 353821.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 1034639.3/18

yield_bpm0r05X_mean vs Slug, Sign Corrected



Right In: -0.245+/-0.000 χ^2/NDF : 151846401.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.213+/-0.000 χ^2/NDF : 115265595.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

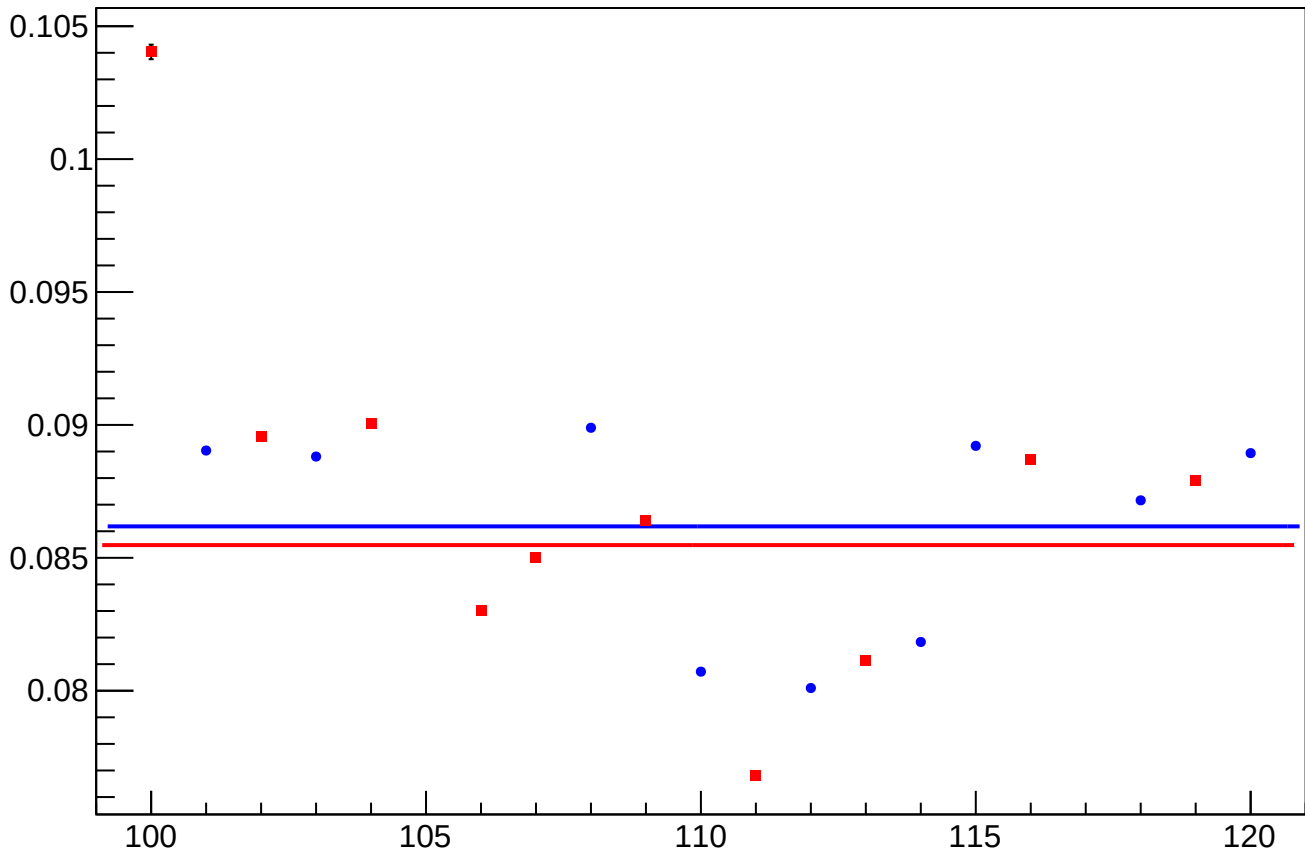
Right: -0.228+/-0.000 χ^2/NDF : 267375354.3/18

In: -0.245+/-0.000 χ^2/NDF :151846401.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.228+/-0.000 χ^2/NDF : 267375354.3/18

yield_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 0.086+/-0.000 χ^2/NDF : 14717.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.085+/-0.000 χ^2/NDF : 26306.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

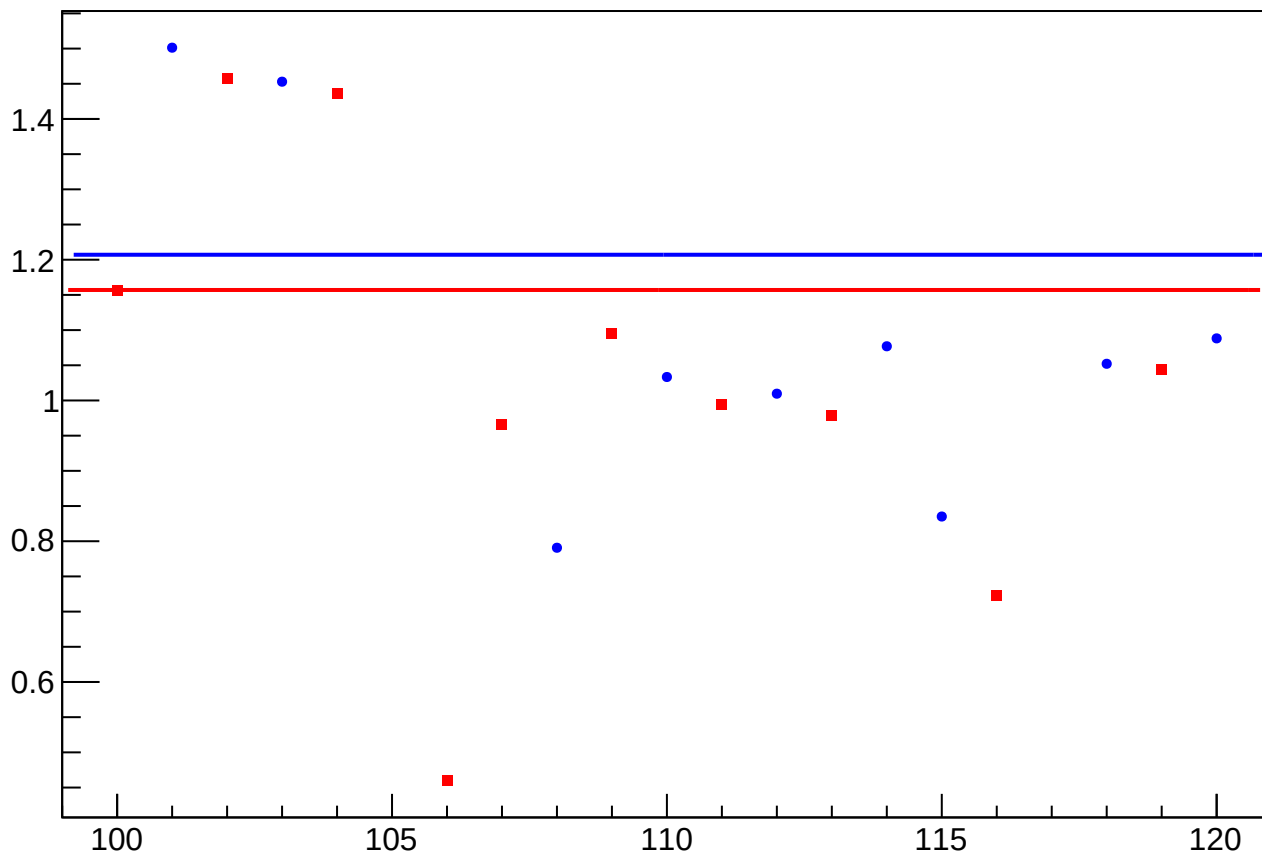
Right: 0.086+/-0.000 χ^2/NDF : 41283.5/18

In: 0.086+/-0.000 χ^2/NDF : 14717.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.086+/-0.000 χ^2/NDF : 41283.5/18

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.207+/-0.000 χ^2/NDF : 1051486538.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.157+/-0.000 χ^2/NDF : 1403427478.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

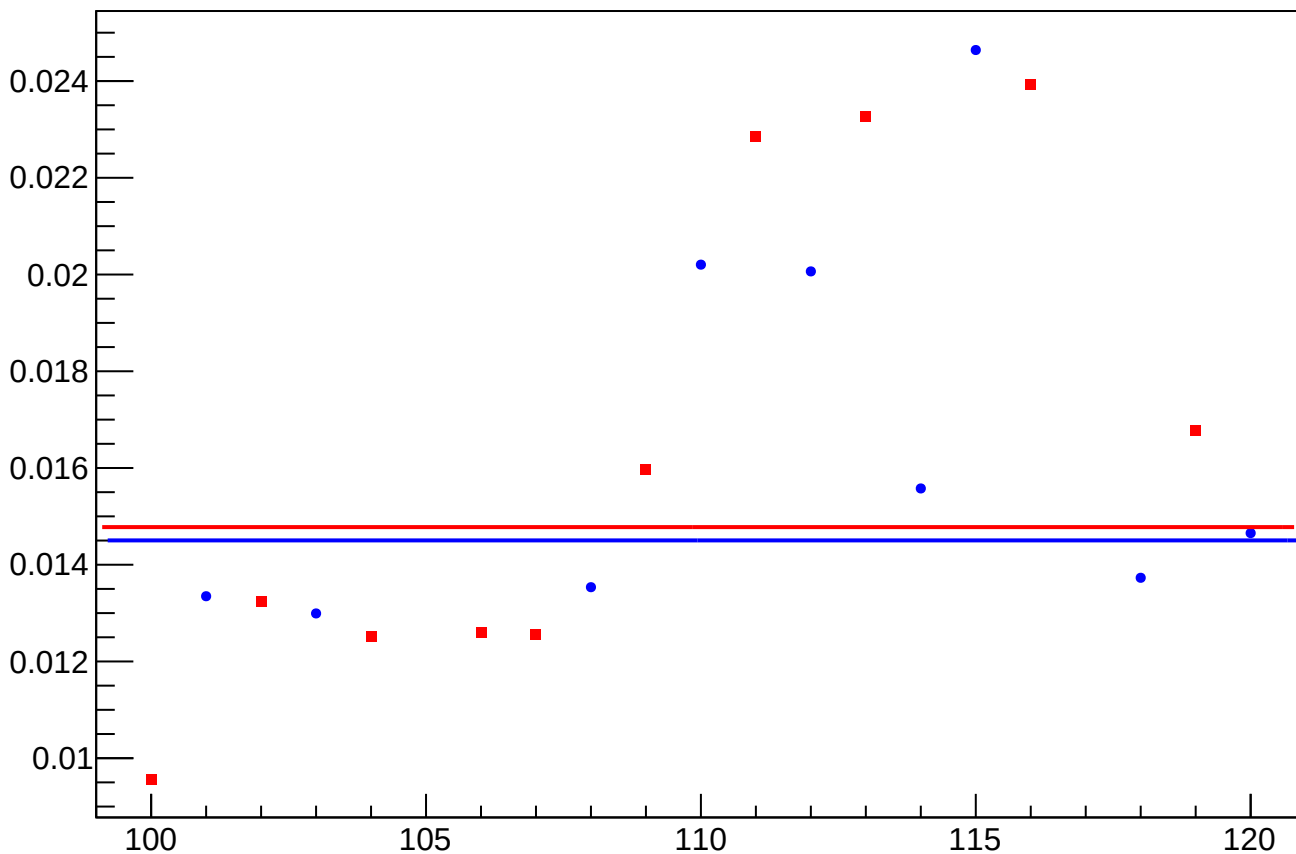
Right: 1.182+/-0.000 χ^2/NDF : 2474849093.7/18

In: 1.207+/-0.000 χ^2/NDF : 1051486538.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.182+/-0.000 χ^2/NDF : 2474849093.7/18

yield_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 193599.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 422878.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

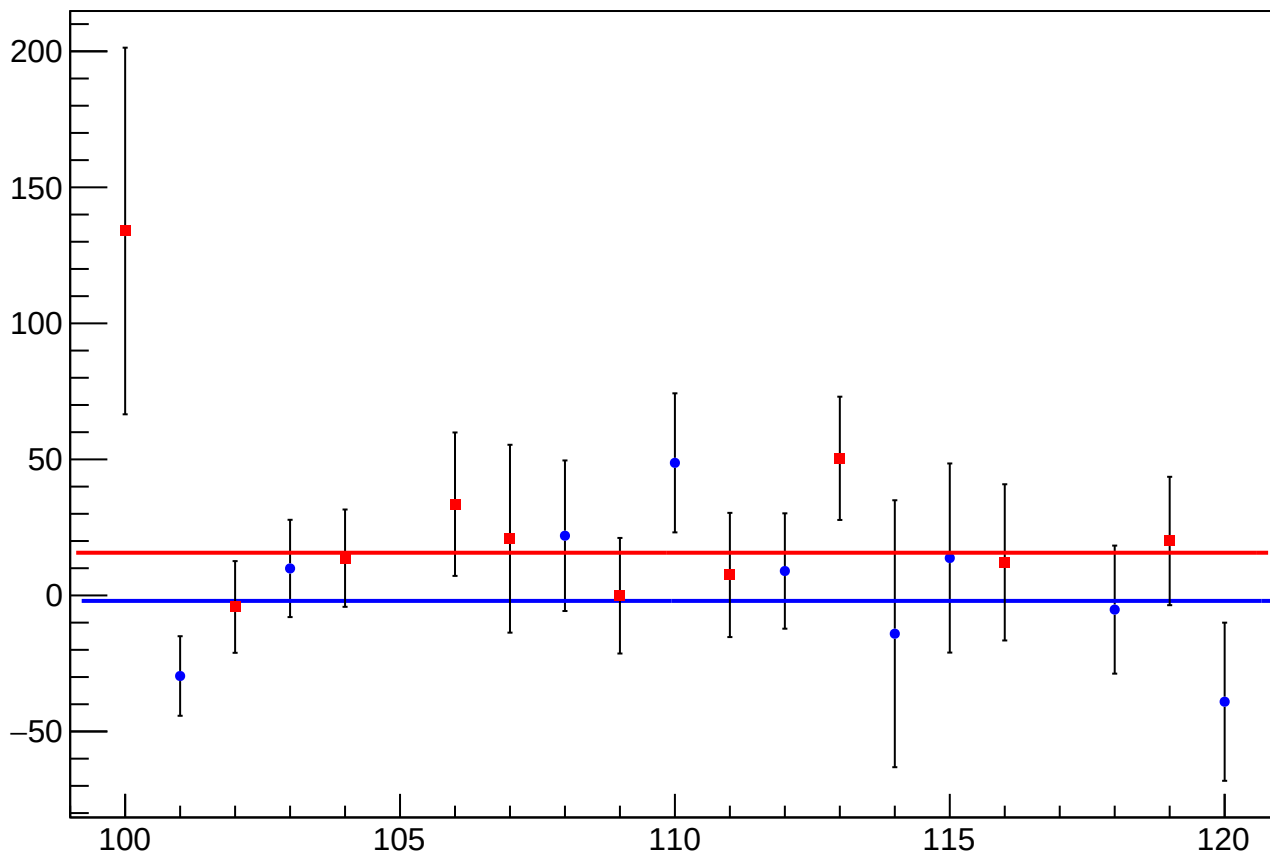
Right: 0.015+/-0.000 χ^2/NDF : 617682.6/18

In: 0.015+/-0.000 χ^2/NDF : 193599.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 617682.6/18

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -2.013+/-7.648 χ^2/NDF : 10.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.693+/-7.405 χ^2/NDF : 8.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

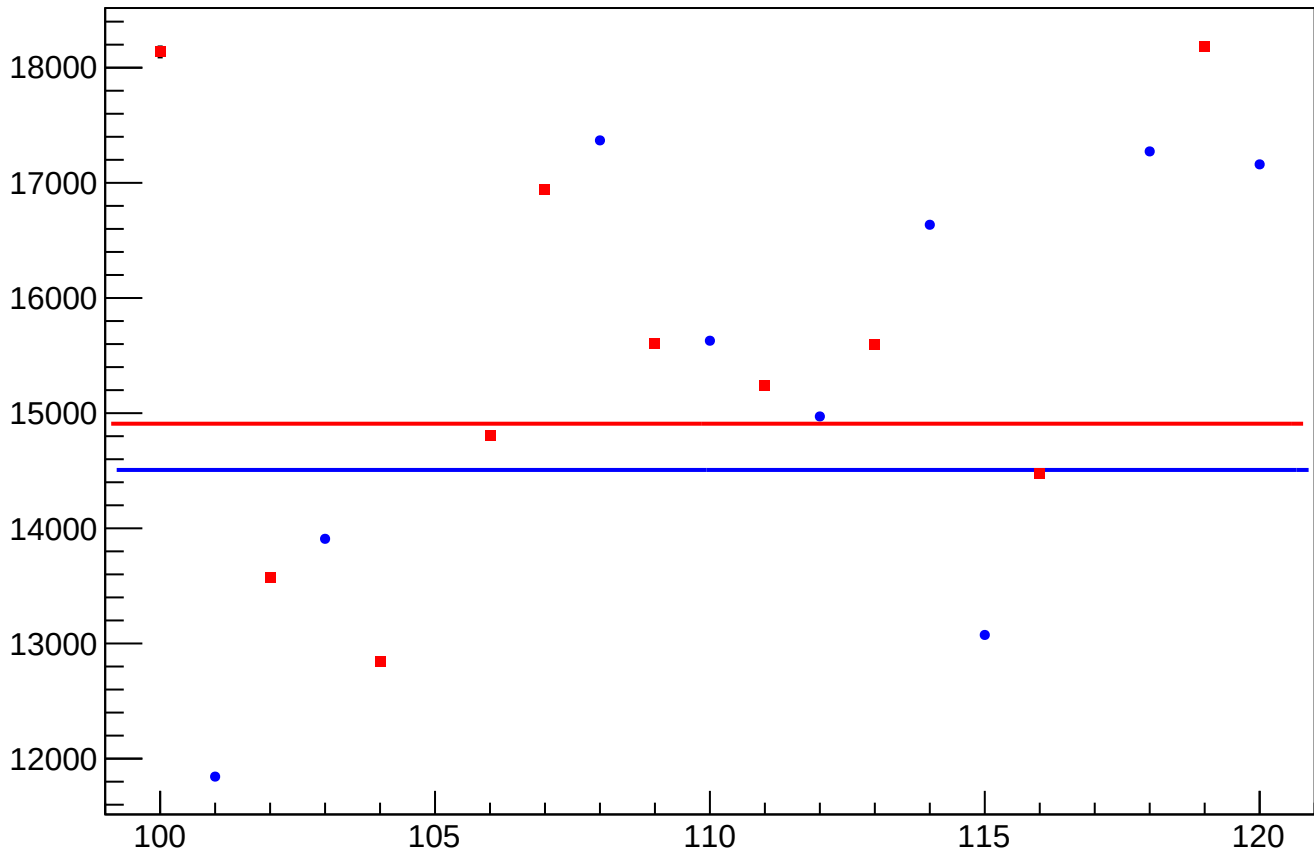
Right: 7.125+/-5.320 χ^2/NDF : 21.7/18

In: -2.013+/-7.648 χ^2/NDF : 10.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.125+/-5.320 χ^2/NDF : 21.7/18

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 14506.946+/-5.408 χ^2/NDF : 146236.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14908.496+/-5.236 χ^2/NDF : 94120.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

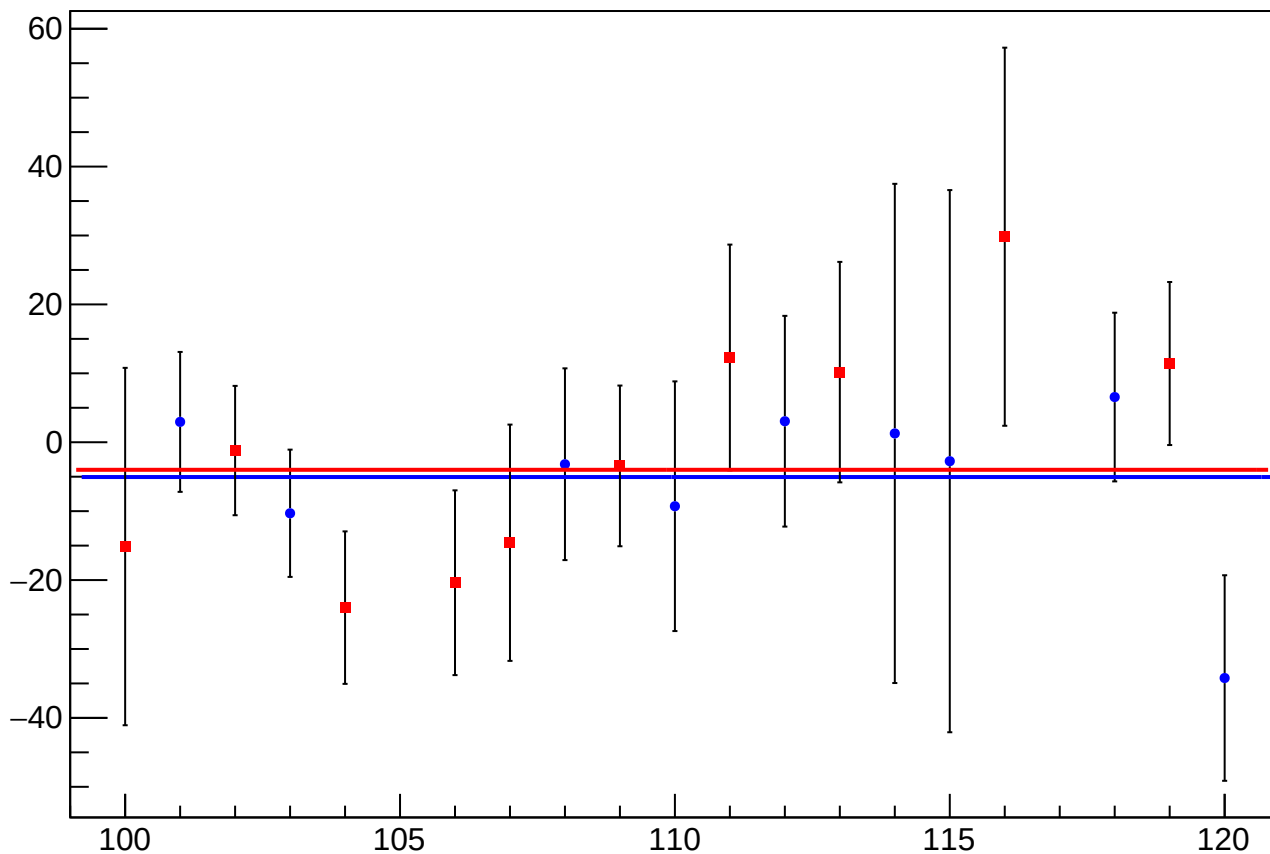
Right: 14714.194+/-3.762 χ^2/NDF : 243202.7/18

In: 14506.946+/-5.408 χ^2/NDF : 146236.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14714.194+/-3.762 χ^2/NDF : 243202.7/18

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -5.049+/-4.637 χ^2/NDF : 6.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.999+/-4.326 χ^2/NDF : 10.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

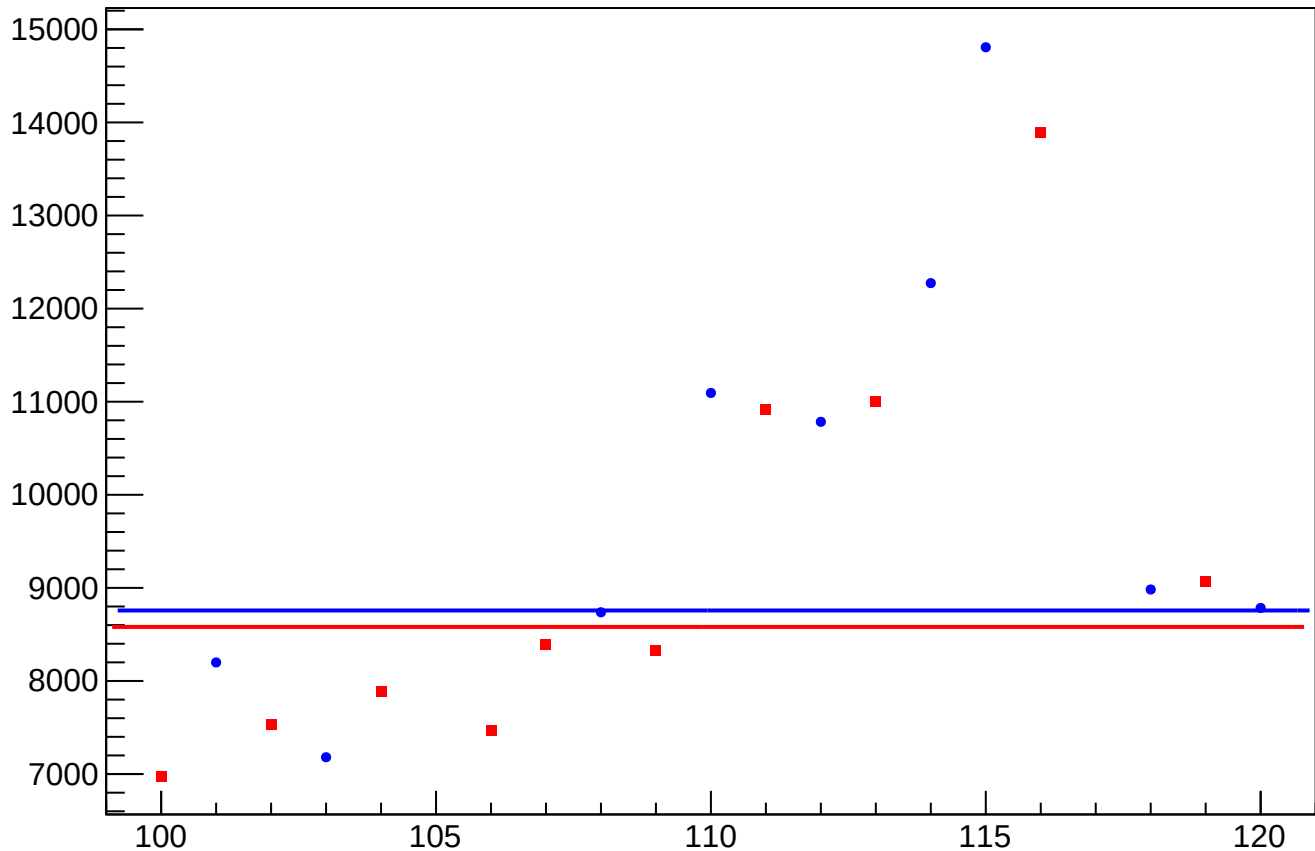
Right: -4.487+/-3.163 χ^2/NDF : 16.5/18

In: -5.049+/-4.637 χ^2/NDF : 6.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.487+/-3.163 χ^2/NDF : 16.5/18

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8757.283+/-3.279 χ^2/NDF : 199615.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8580.613+/-3.059 χ^2/NDF : 220102.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

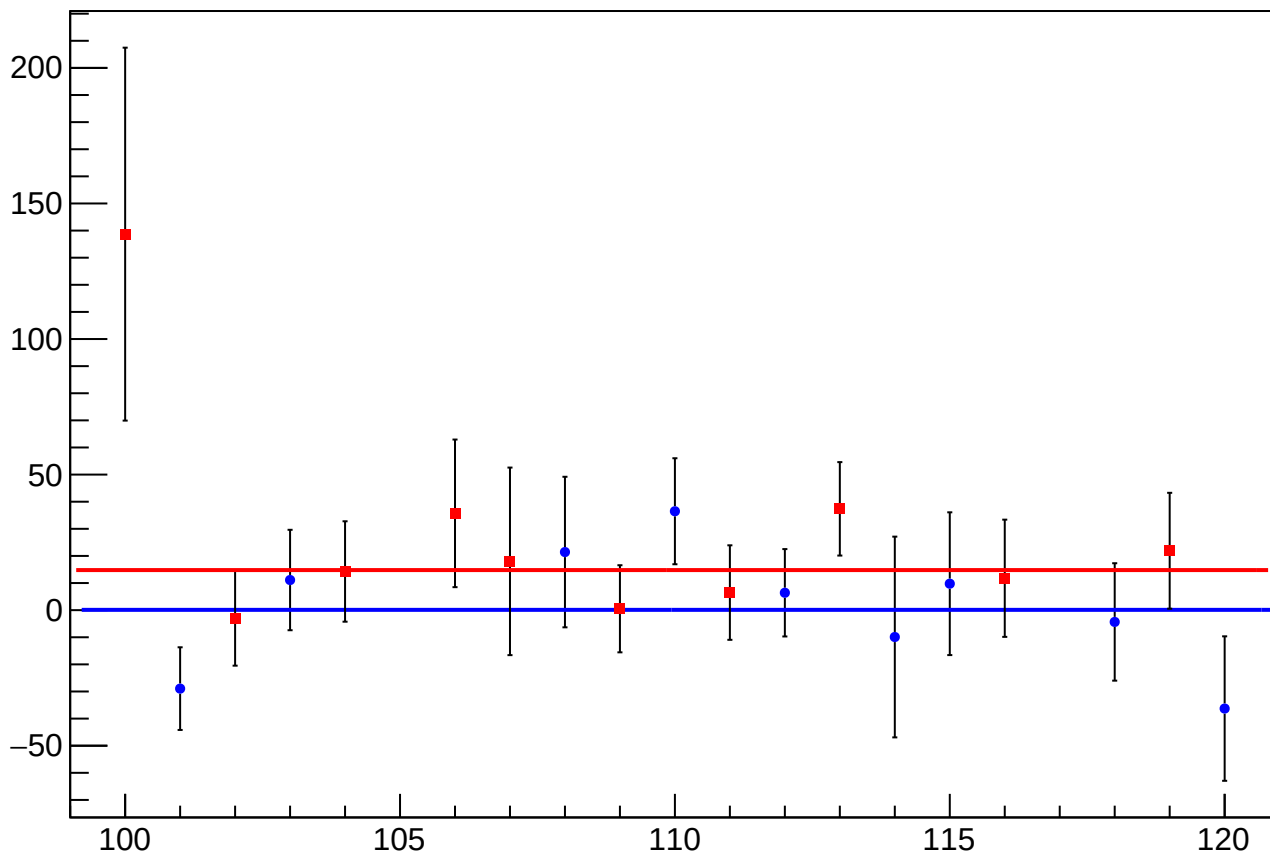
Right: 8662.812+/-2.237 χ^2/NDF : 421269.7/18

In: 8757.283+/-3.279 χ^2/NDF : 199615.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8662.812+/-2.237 χ^2/NDF : 421269.7/18

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: 0.111+/-6.951 χ^2/NDF : 10.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.780+/-6.530 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

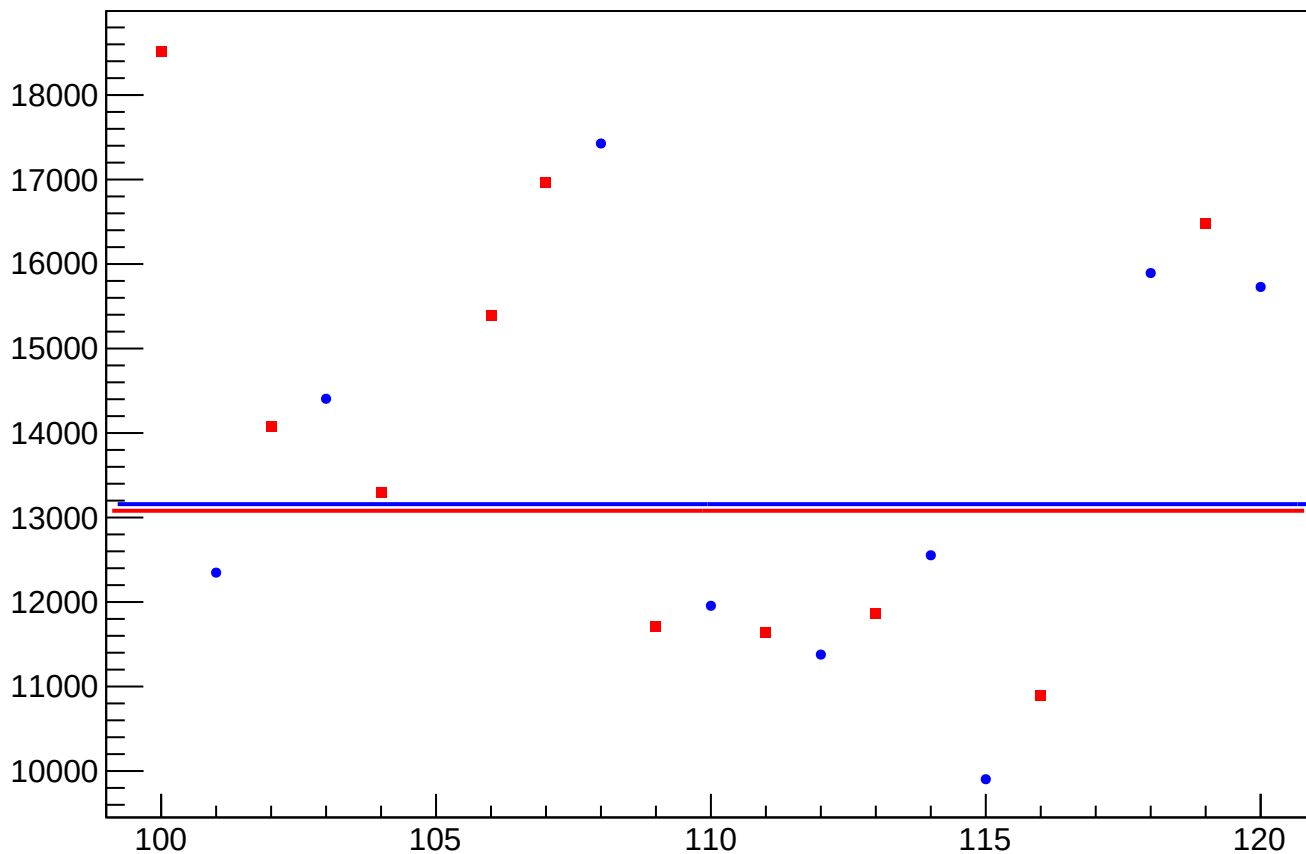
Right: 7.903+/-4.759 χ^2/NDF : 20.4/18

In: 0.111+/-6.951 χ^2/NDF : 10.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.903+/-4.759 χ^2/NDF : 20.4/18

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 13158.286+/-4.915 χ^2/NDF : 175600.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13080.012+/-4.618 χ^2/NDF : 168062.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

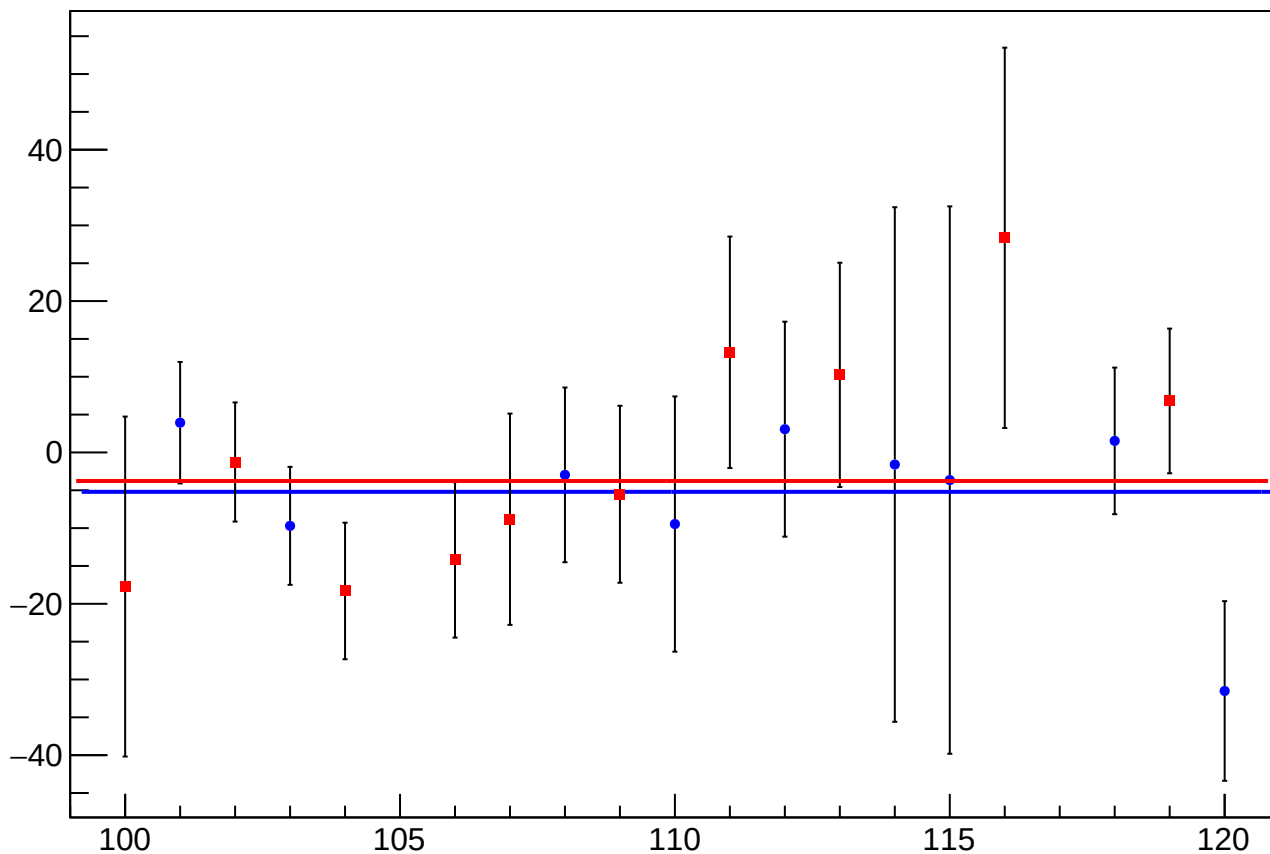
Right: 13116.709+/-3.365 χ^2/NDF : 343797.9/18

In: 13158.286+/-4.915 χ^2/NDF : 175600.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13116.709+/-3.365 χ^2/NDF : 343797.9/18

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -5.205+/-3.853 χ^2/NDF : 7.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.774+/-3.684 χ^2/NDF : 9.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

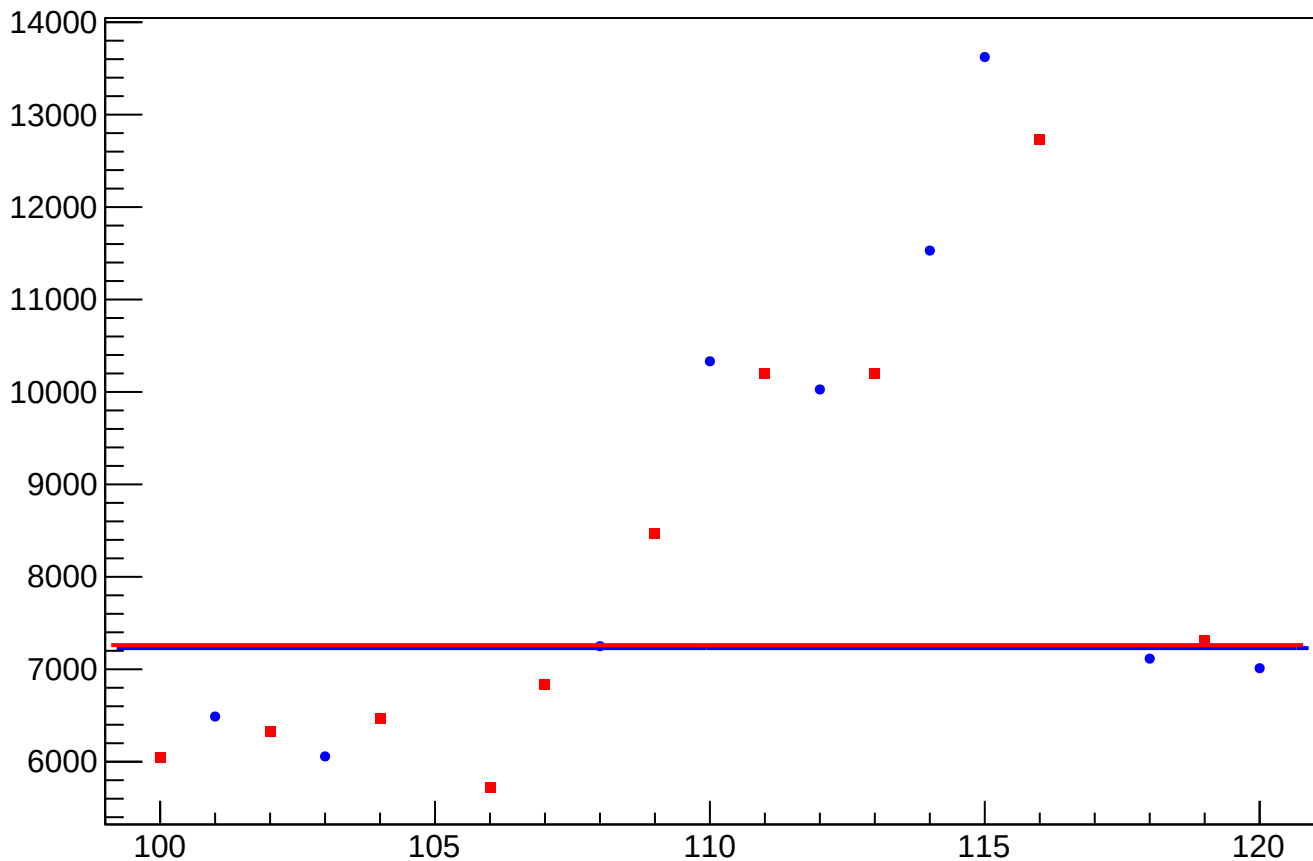
Right: -4.457+/-2.663 χ^2/NDF : 16.8/18

In: -5.205+/-3.853 χ^2/NDF : 7.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.457+/-2.663 χ^2/NDF : 16.8/18

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7229.040+/-2.724 χ^2/NDF : 303026.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7261.448+/-2.605 χ^2/NDF : 364432.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

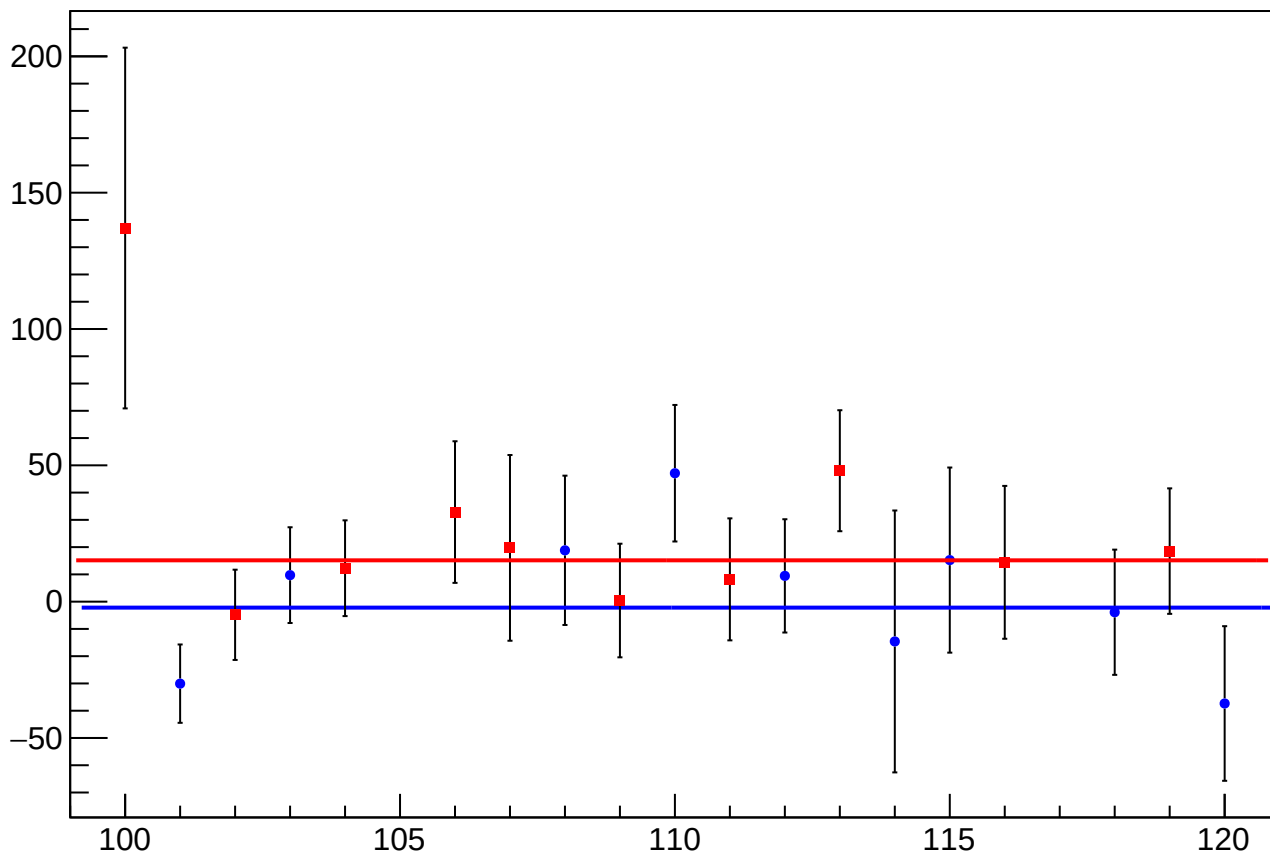
Right: 7245.970+/-1.883 χ^2/NDF : 667533.2/18

In: 7229.040+/-2.724 χ^2/NDF : 303026.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7245.970+/-1.883 χ^2/NDF : 667533.2/18

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -2.188+/-7.501 χ^2/NDF : 10.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.158+/-7.262 χ^2/NDF : 8.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

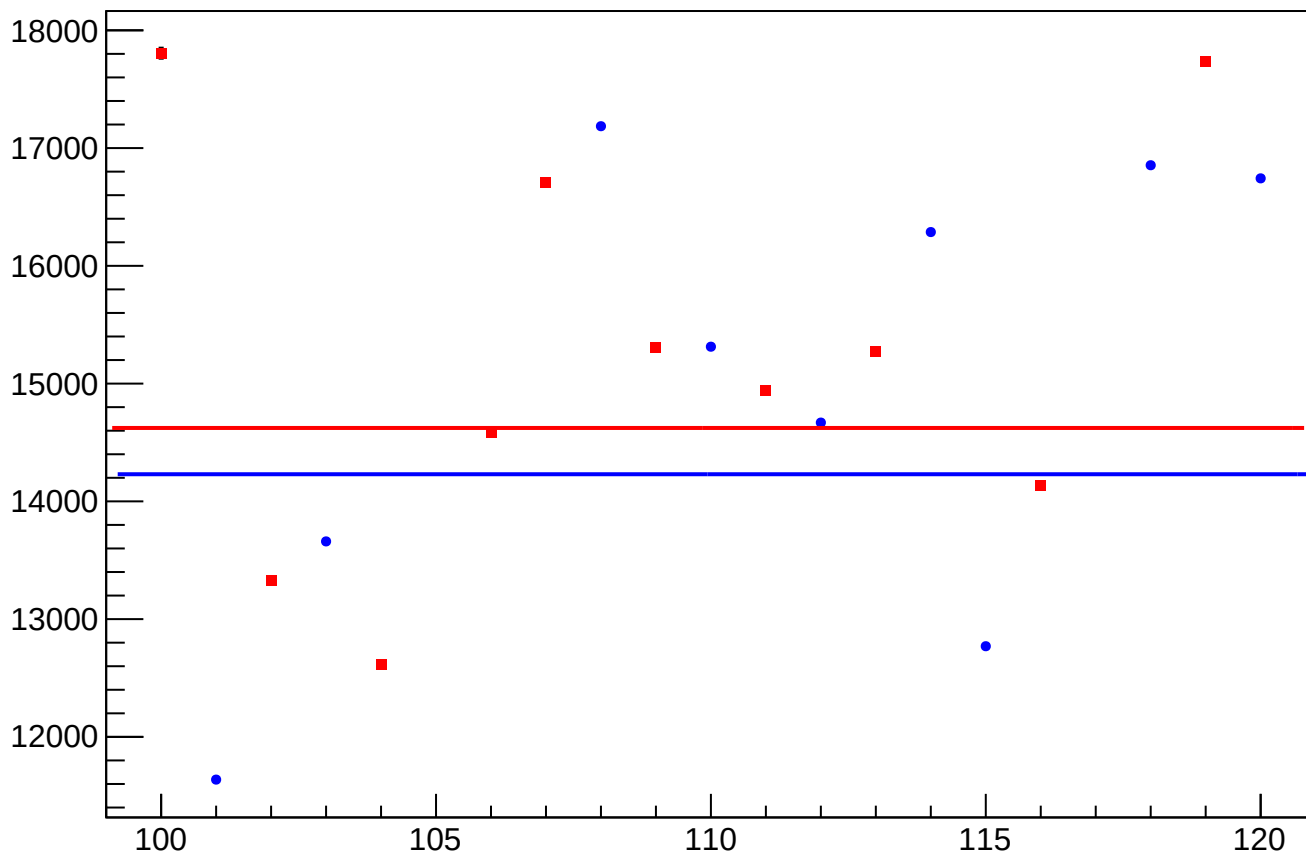
Right: 6.765+/-5.218 χ^2/NDF : 21.8/18

In: -2.188+/-7.501 χ^2/NDF : 10.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.765+/-5.218 χ^2/NDF : 21.8/18

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 14230.312+/-5.304 χ^2/NDF : 144376.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14623.295+/-5.135 χ^2/NDF : 92077.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

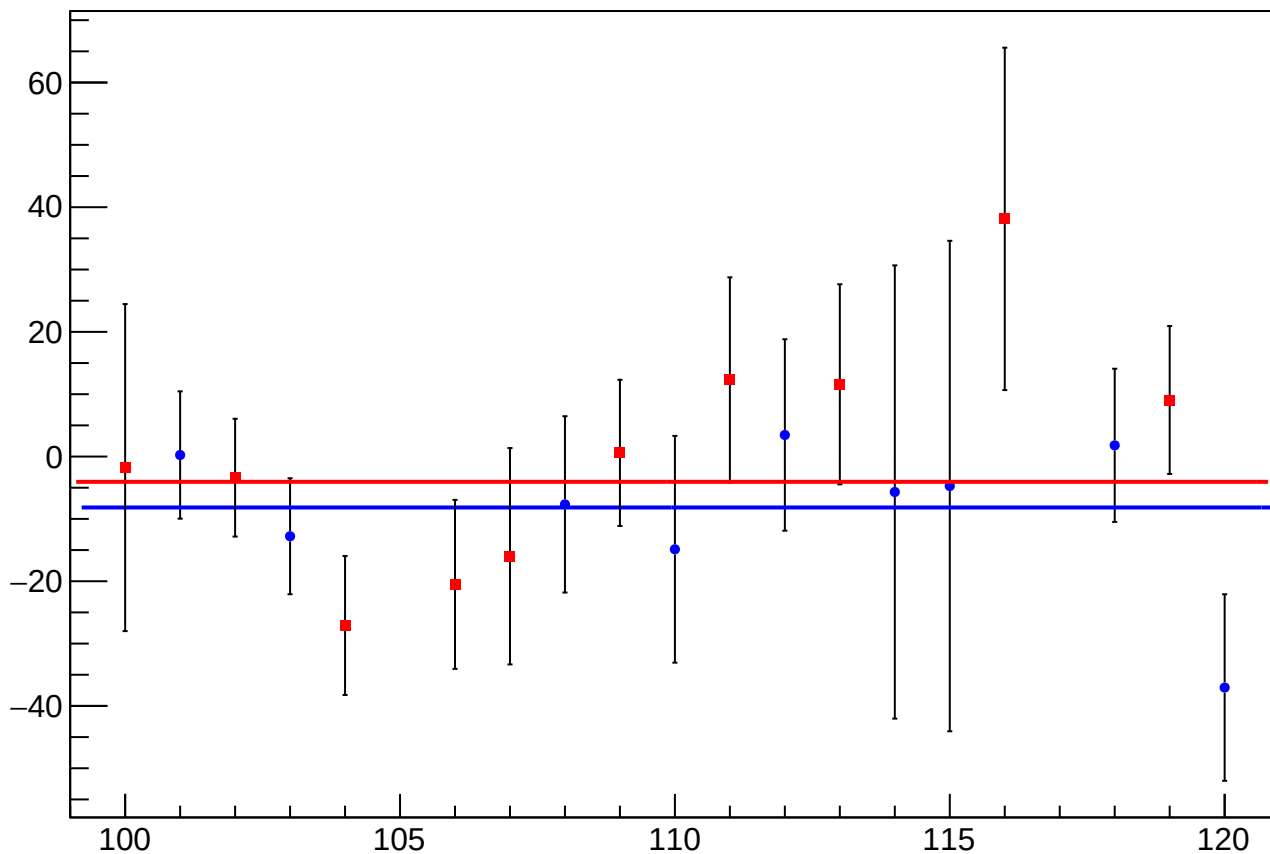
Right: 14433.147+/-3.689 χ^2/NDF : 239287.0/18

In: 14230.312+/-5.304 χ^2/NDF : 144376.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14433.147+/-3.689 χ^2/NDF : 239287.0/18

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -8.169+/-4.667 χ^2/NDF : 6.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.052+/-4.354 χ^2/NDF : 11.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

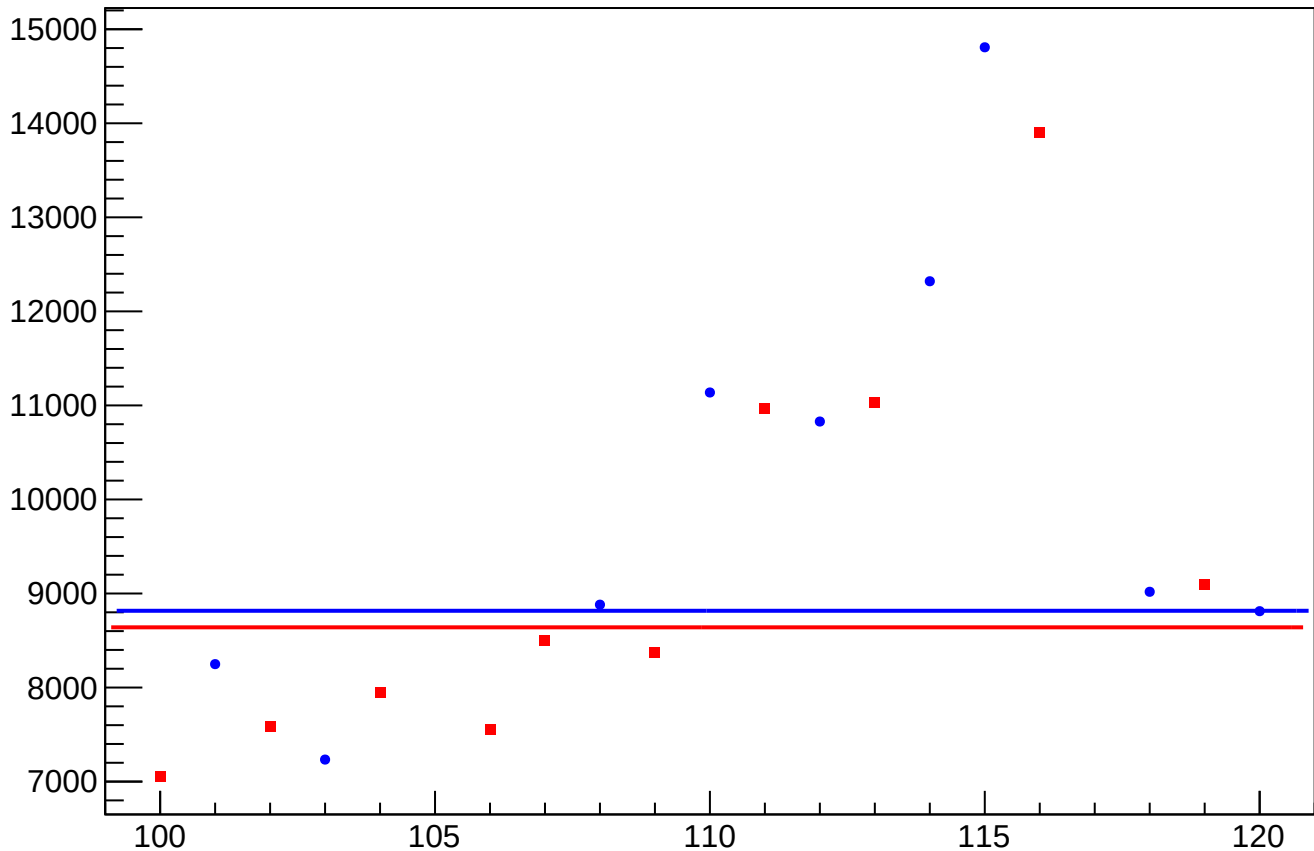
Right: -5.968+/-3.184 χ^2/NDF : 18.4/18

In: -8.169+/-4.667 χ^2/NDF : 6.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.968+/-3.184 χ^2/NDF : 18.4/18

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8816.245+/-3.300 χ^2/NDF : 196530.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8640.259+/-3.079 χ^2/NDF : 215005.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

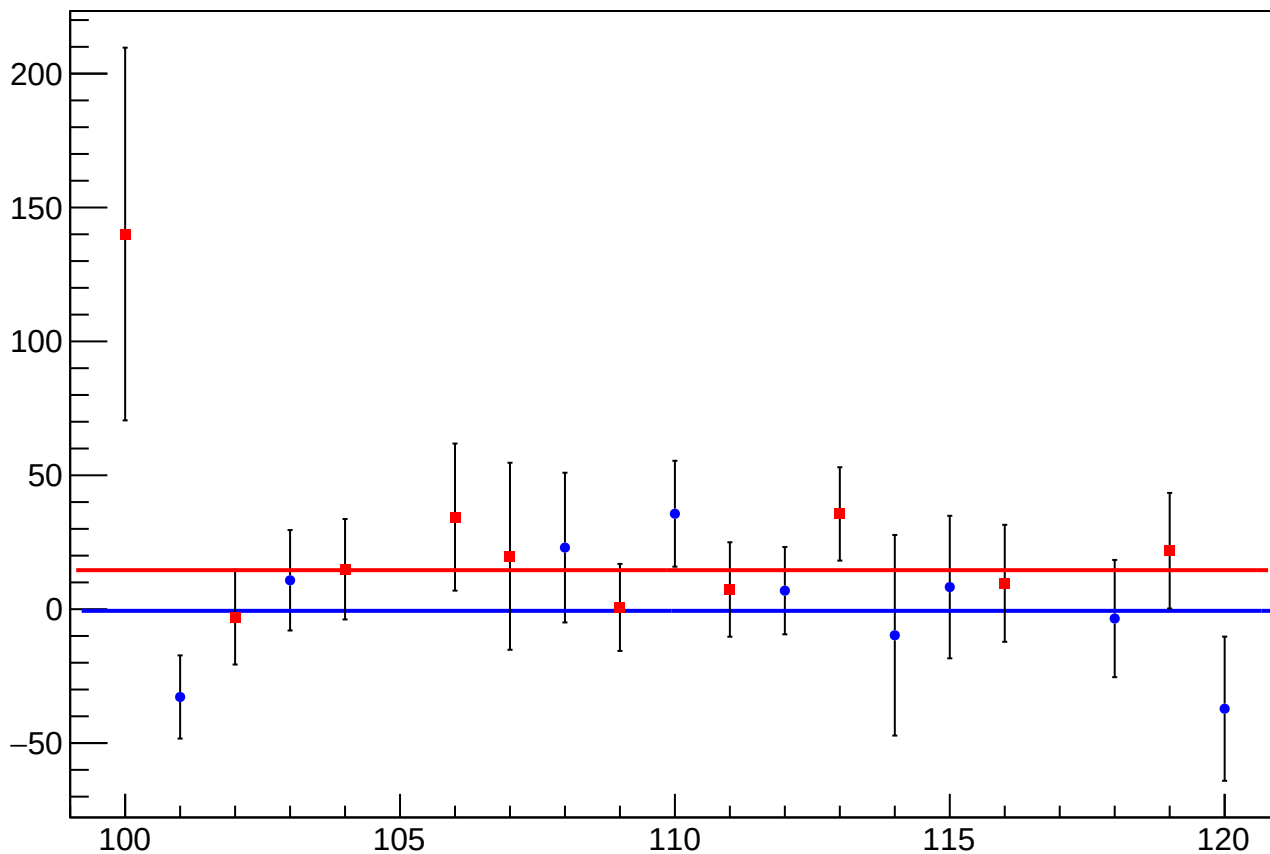
Right: 8722.148+/-2.251 χ^2/NDF : 413056.2/18

In: 8816.245+/-3.300 χ^2/NDF : 196530.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8722.148+/-2.251 χ^2/NDF : 413056.2/18

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.616 ± 7.040 χ^2/NDF : 11.0/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 14.573 ± 6.606 χ^2/NDF : 7.3/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

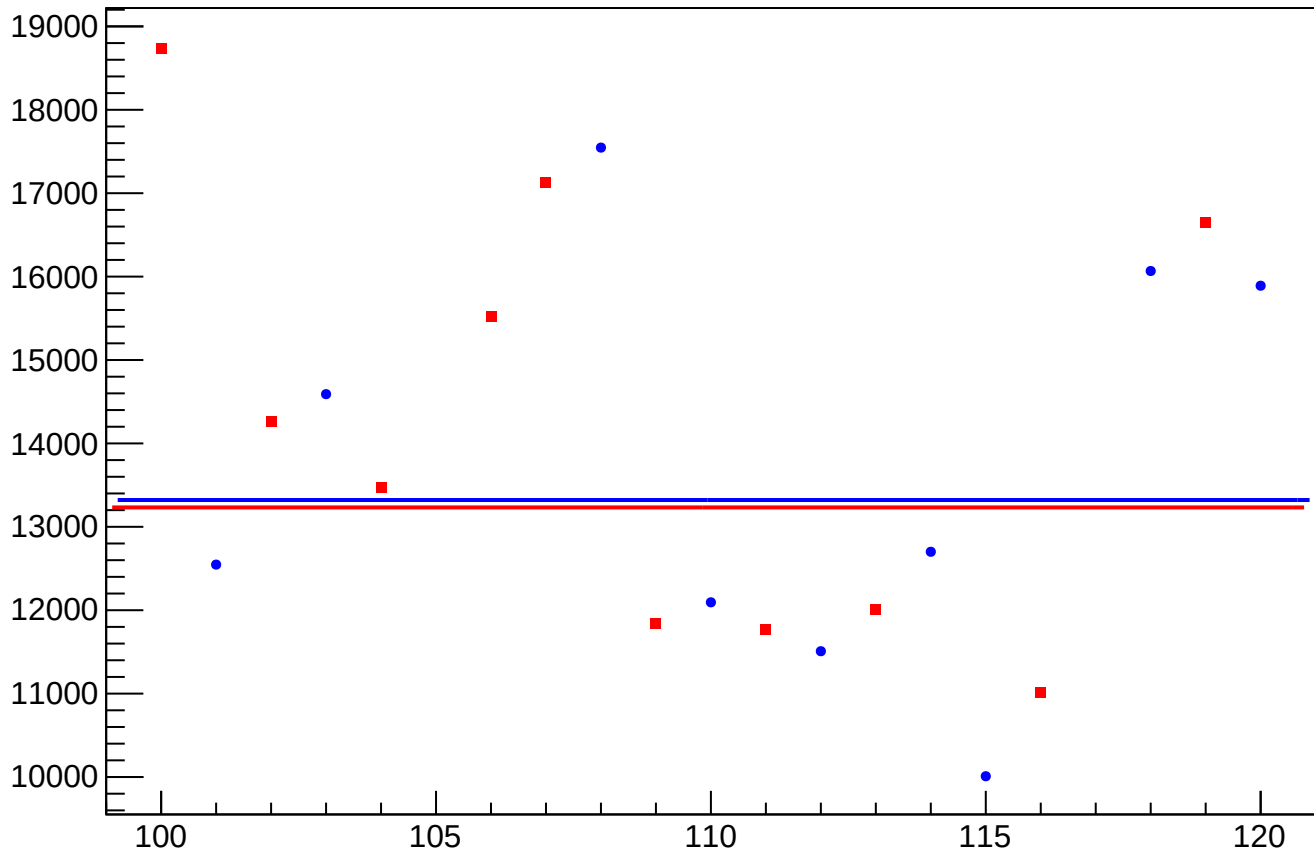
Right: 7.460 ± 4.817 χ^2/NDF : 20.7/18

In: -0.616 ± 7.040 χ^2/NDF : 11.0/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 7.460 ± 4.817 χ^2/NDF : 20.7/18

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 13321.357+/-4.978 χ^2/NDF : 173474.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13232.427+/-4.671 χ^2/NDF : 167335.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

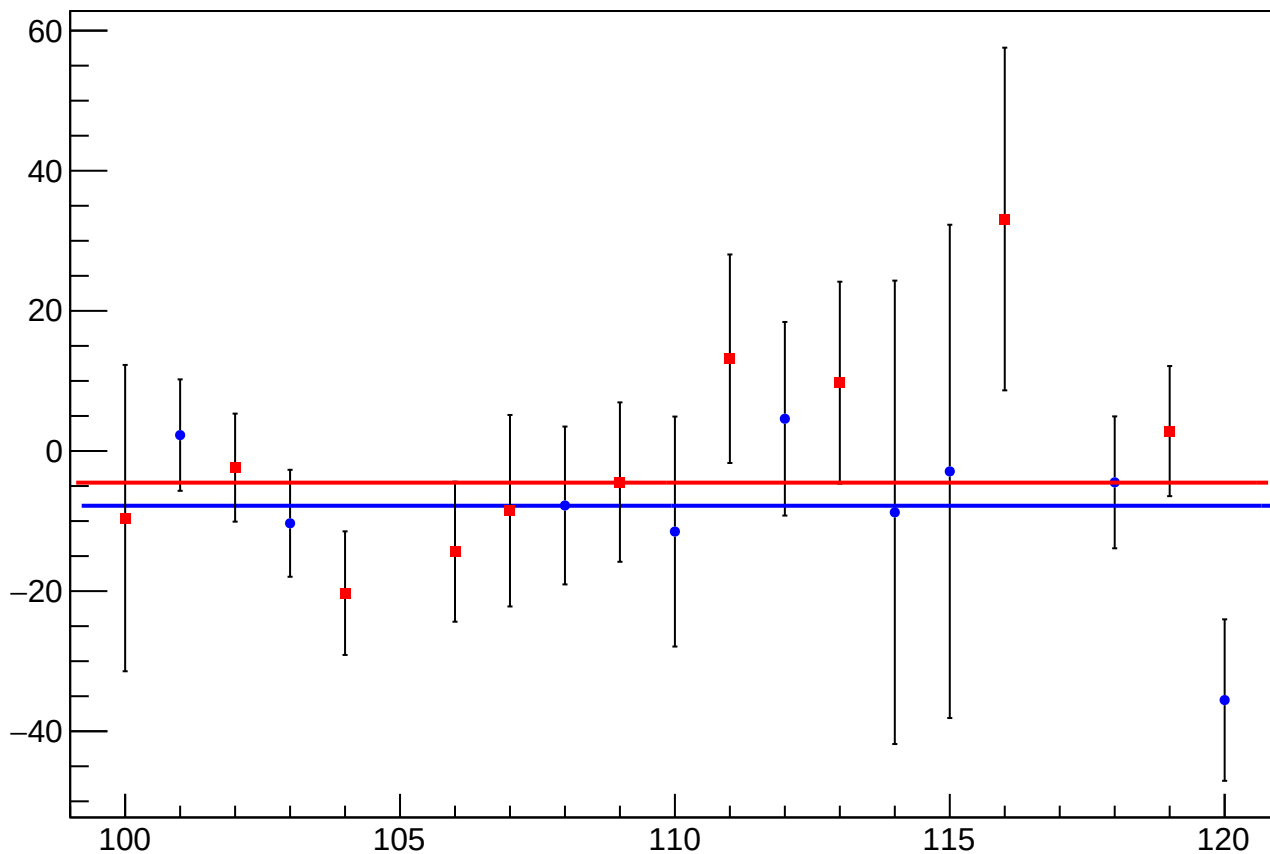
Right: 13274.069+/-3.406 χ^2/NDF : 340980.5/18

In: 13321.357+/-4.978 χ^2/NDF : 173474.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13274.069+/-3.406 χ^2/NDF : 340980.5/18

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -7.815+/-3.770 χ^2/NDF : 8.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.516+/-3.593 χ^2/NDF : 9.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

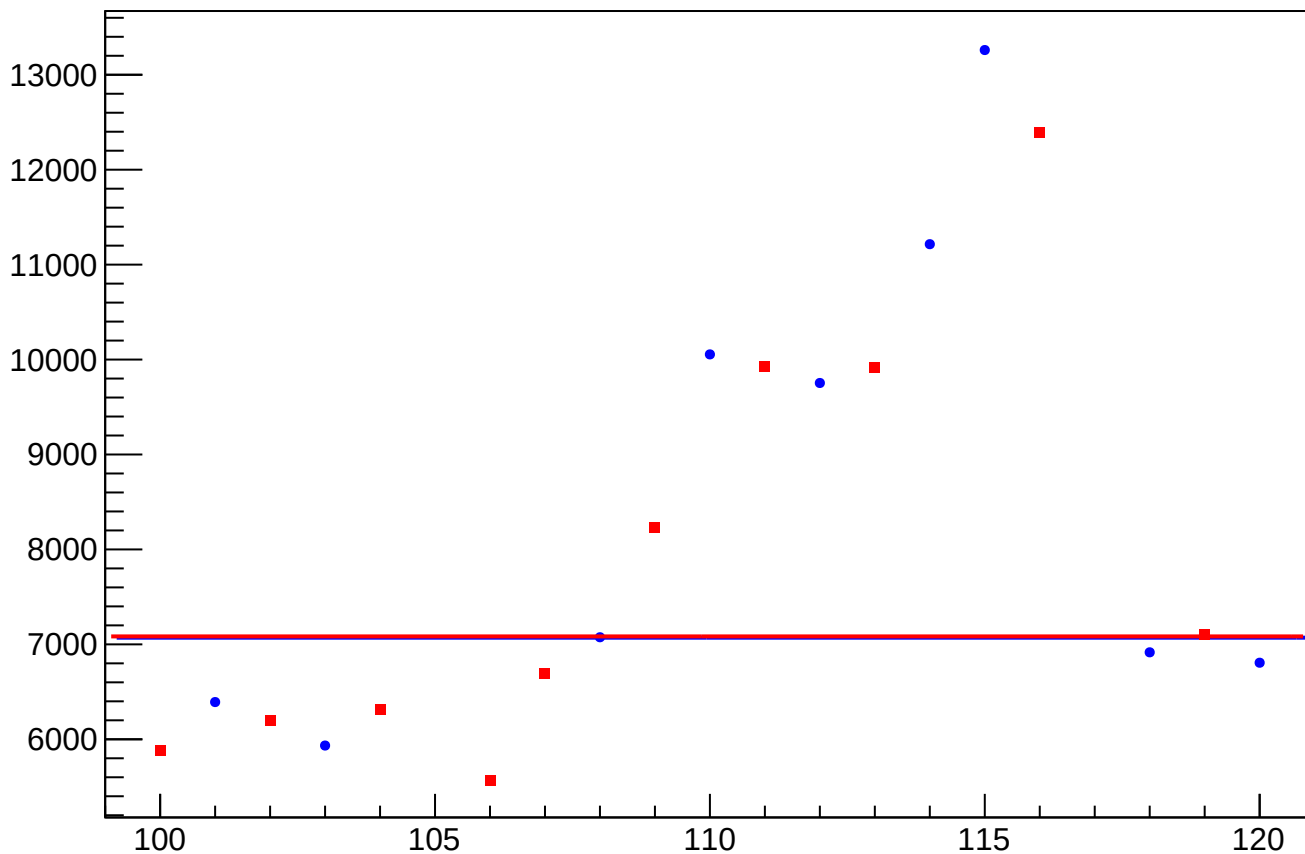
Right: -6.086+/-2.601 χ^2/NDF : 18.7/18

In: -7.815+/-3.770 χ^2/NDF : 8.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.086+/-2.601 χ^2/NDF : 18.7/18

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 7070.495+/-2.666 χ^2/NDF : 295243.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7083.795+/-2.540 χ^2/NDF : 359784.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

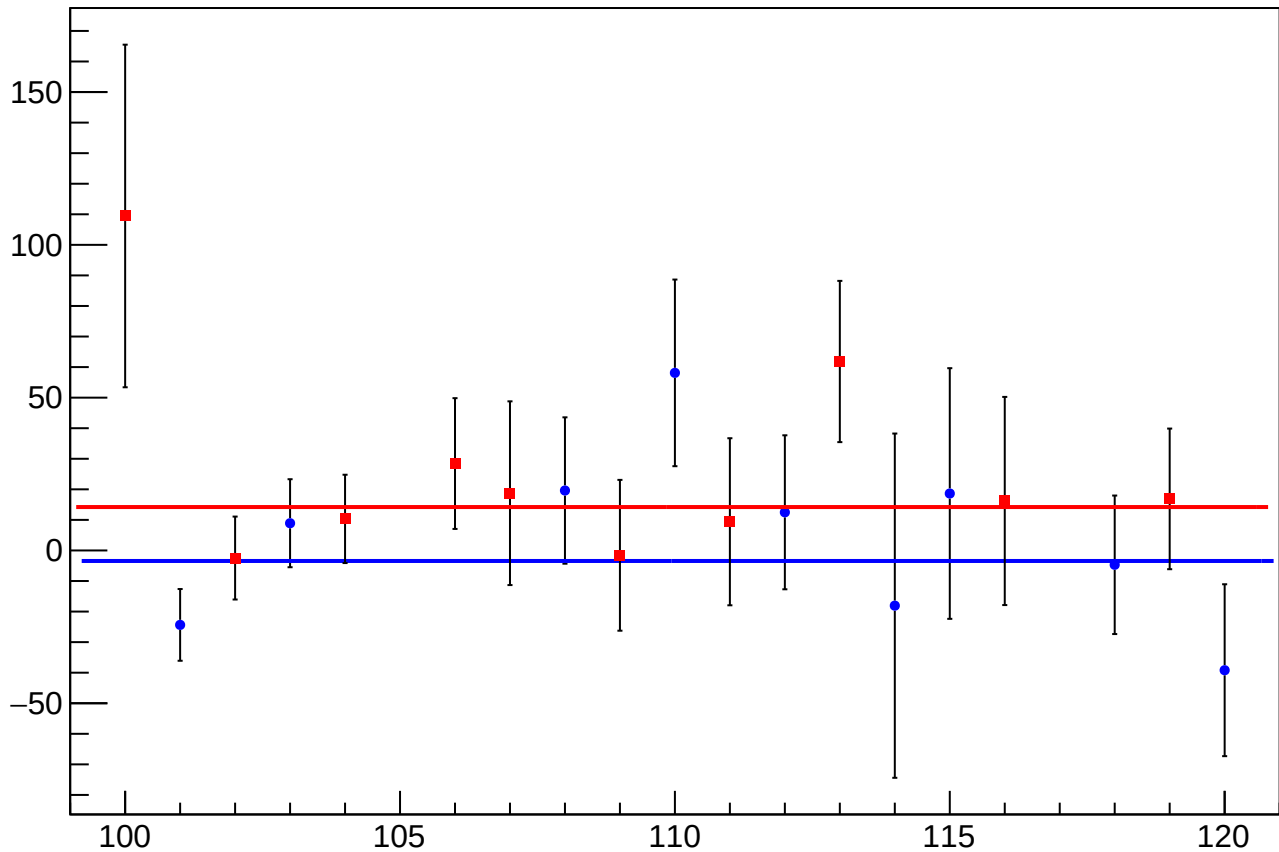
Right: 7077.466+/-1.839 χ^2/NDF : 655040.7/18

In: 7070.495+/-2.666 χ^2/NDF : 295243.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7077.466+/-1.839 χ^2/NDF : 655040.7/18

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -3.443+/-6.969 χ^2/NDF : 11.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.204+/-6.901 χ^2/NDF : 8.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

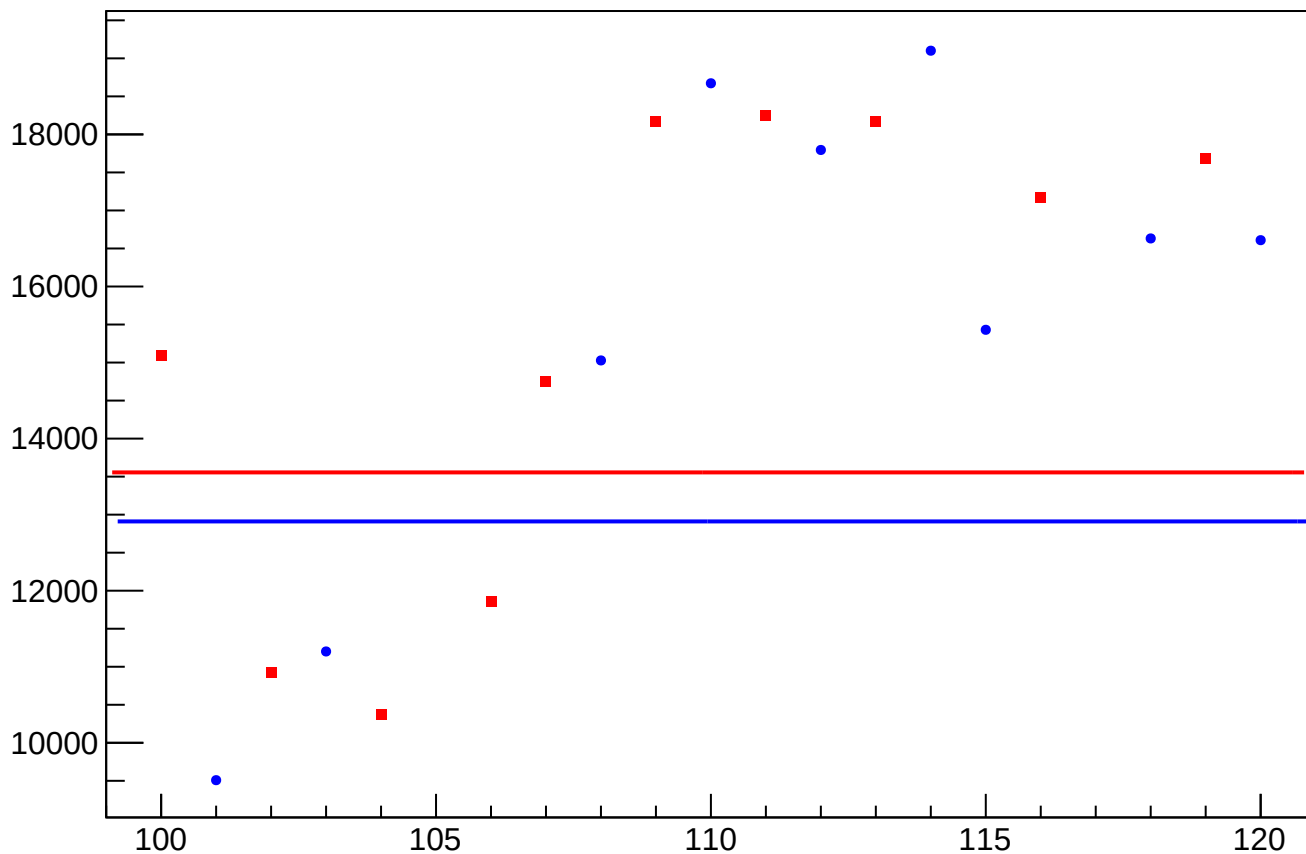
Right: 5.466+/-4.903 χ^2/NDF : 23.2/18

In: -3.443+/-6.969 χ^2/NDF : 11.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.466+/-4.903 χ^2/NDF : 23.2/18

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 12910.959+/-4.927 χ^2/NDF : 478446.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13555.466+/-4.880 χ^2/NDF : 466074.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

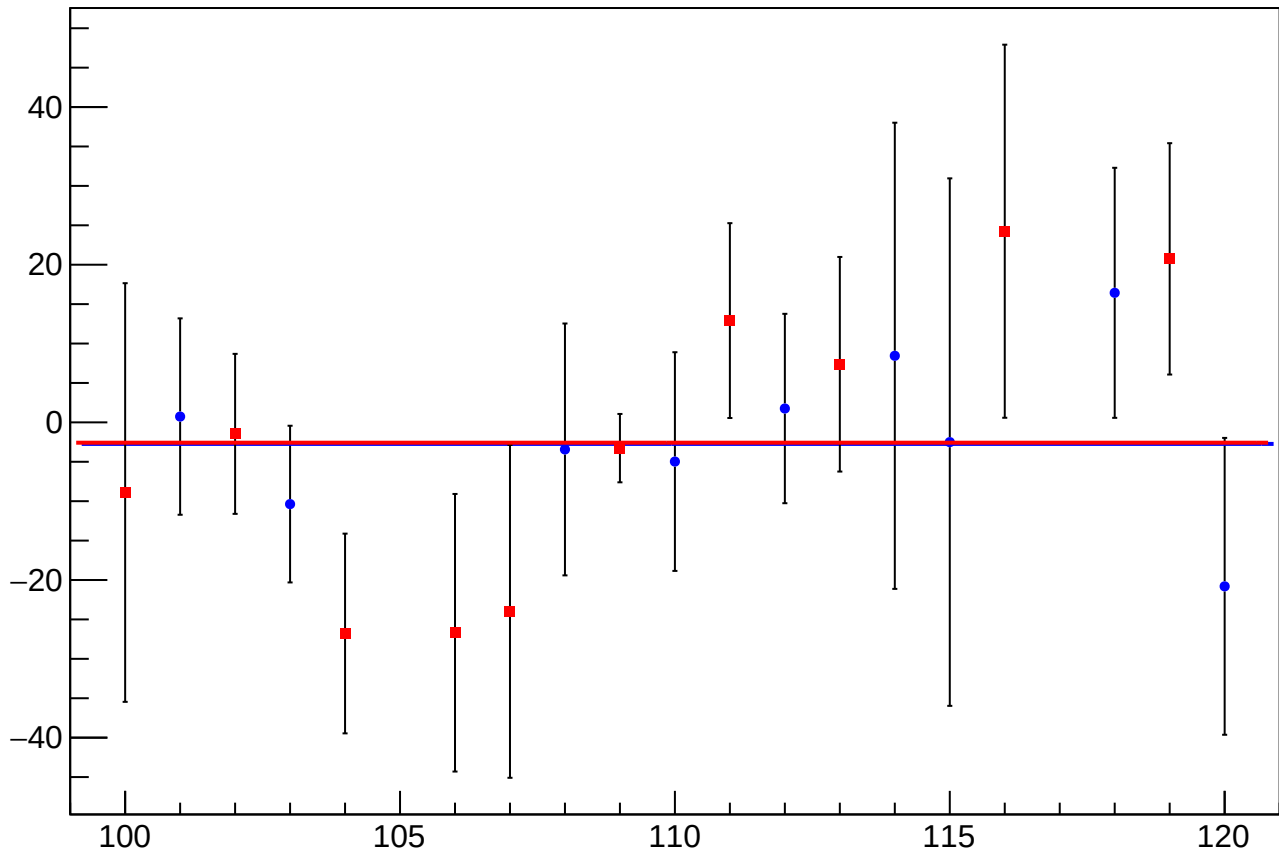
Right: 13236.355+/-3.467 χ^2/NDF : 953158.2/18

In: 12910.959+/-4.927 χ^2/NDF : 478446.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13236.355+/-3.467 χ^2/NDF : 953158.2/18

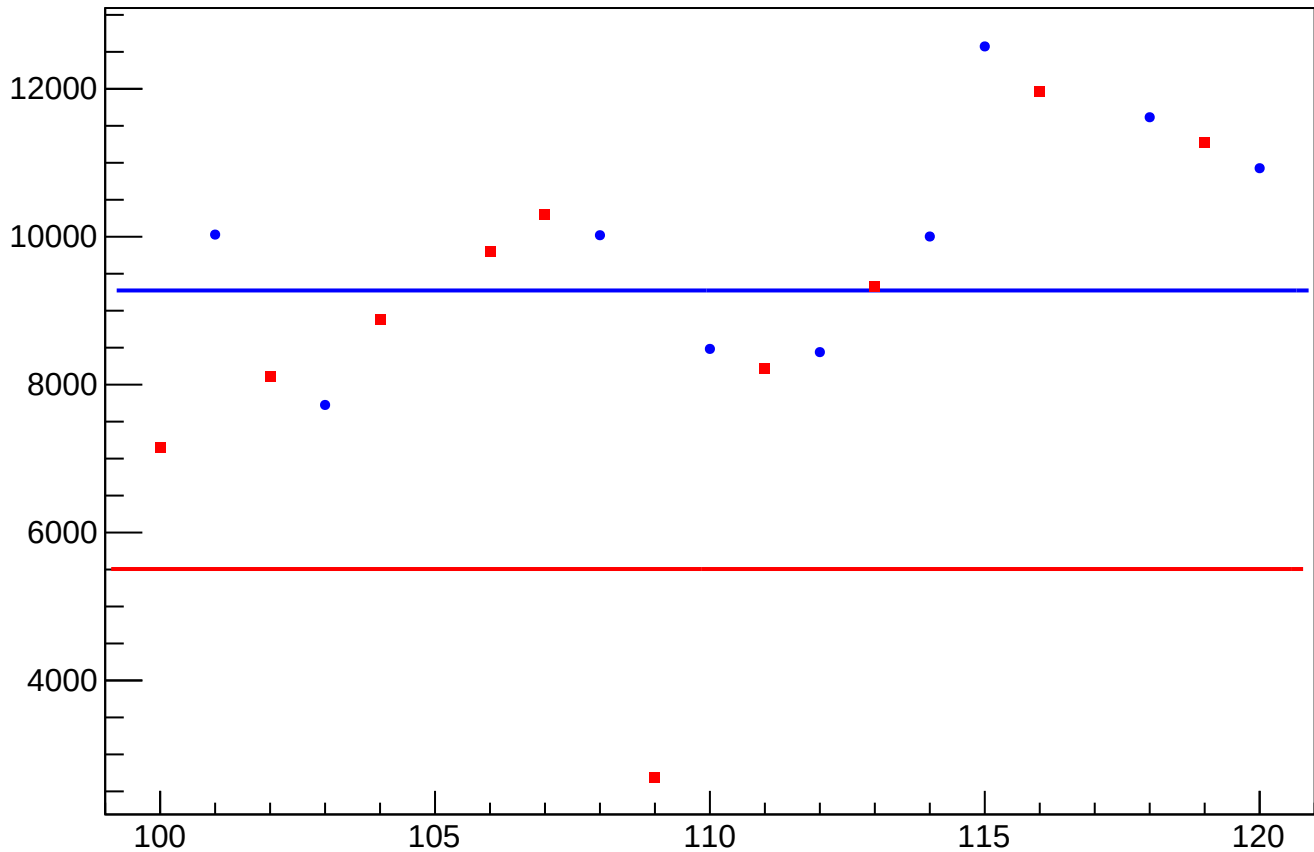
diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: -2.733+/-4.912 χ^2/NDF : 3.4/8
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -2.580+/-3.255 χ^2/NDF : 12.6/9
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -2.627+/-2.714 χ^2/NDF : 15.9/18
 In: -2.733+/-4.912 χ^2/NDF :3.4/8
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -2.627+/-2.714 χ^2/NDF : 15.9/18

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 9273.535+/-3.474 χ^2/NDF : 156075.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5506.987+/-2.302 χ^2/NDF : 2062063.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

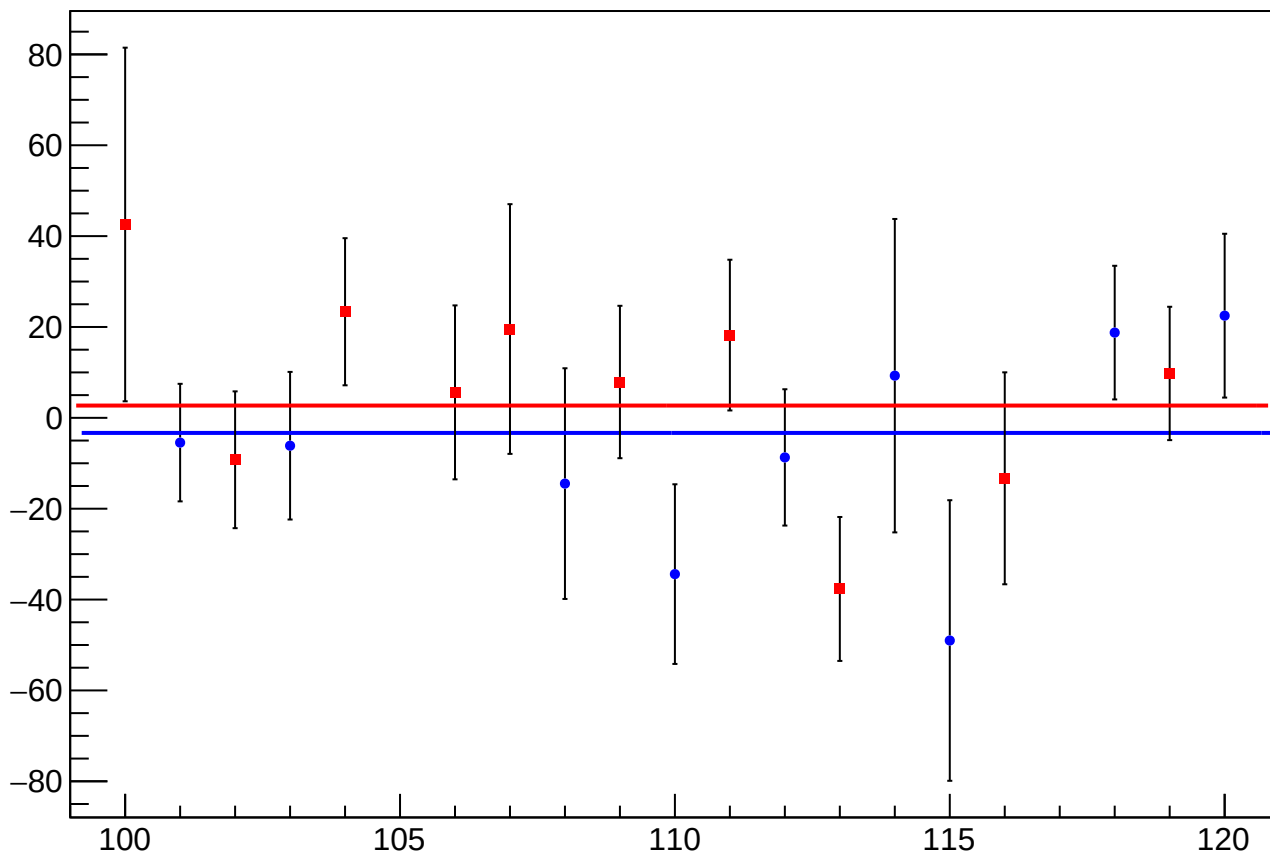
Right: 6656.311+/-1.919 χ^2/NDF : 3035190.0/18

In: 9273.535+/-3.474 χ^2/NDF : 156075.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6656.311+/-1.919 χ^2/NDF : 3035190.0/18

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -3.319+/-5.986 χ^2/NDF : 9.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2.704+/-5.717 χ^2/NDF : 11.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

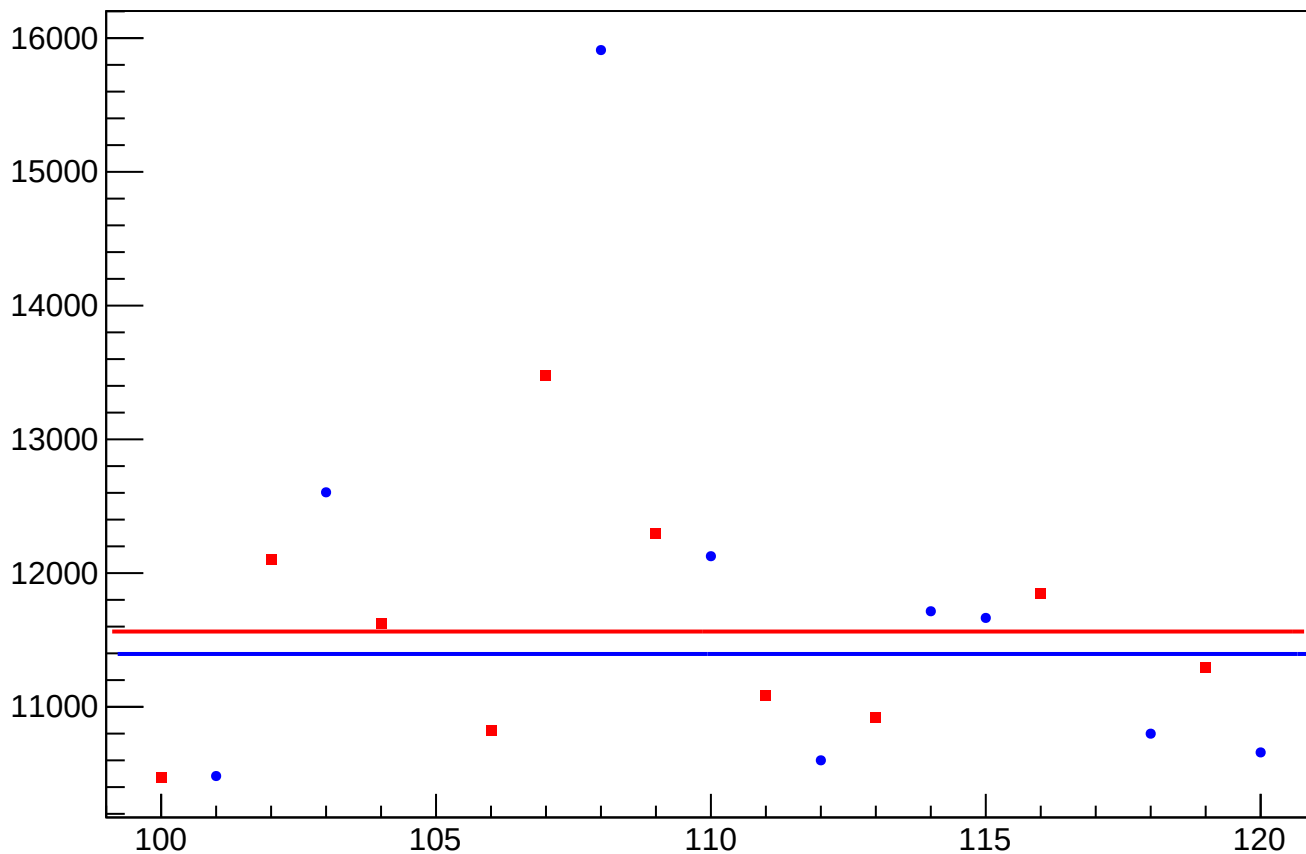
Right: -0.169+/-4.135 χ^2/NDF : 21.9/18

In: -3.319+/-5.986 χ^2/NDF :9.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.169+/-4.135 χ^2/NDF : 21.9/18

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11395.358+/-4.233 χ^2/NDF : 99569.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11563.154+/-4.043 χ^2/NDF : 26577.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

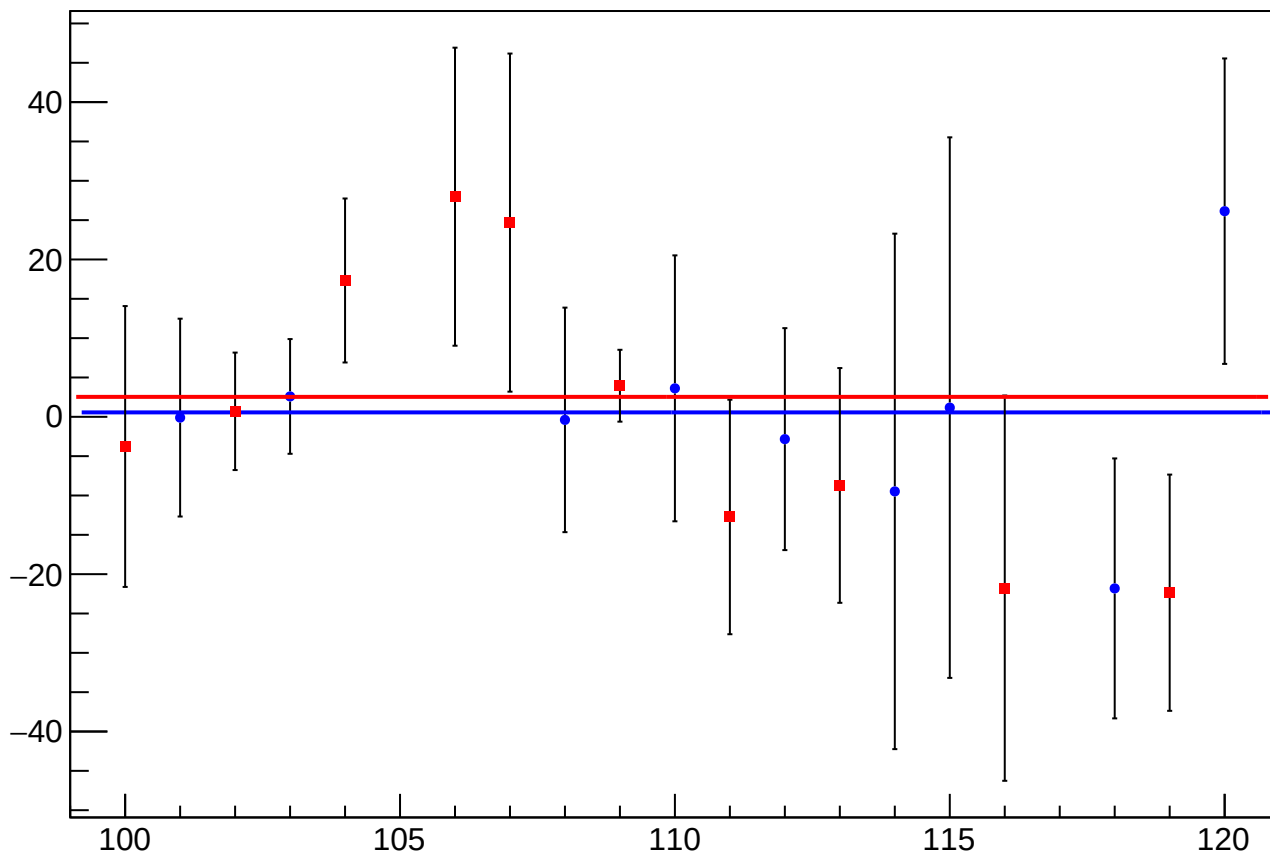
Right: 11483.111+/-2.924 χ^2/NDF : 126968.0/18

In: 11395.358+/-4.233 χ^2/NDF : 99569.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11483.111+/-2.924 χ^2/NDF : 126968.0/18

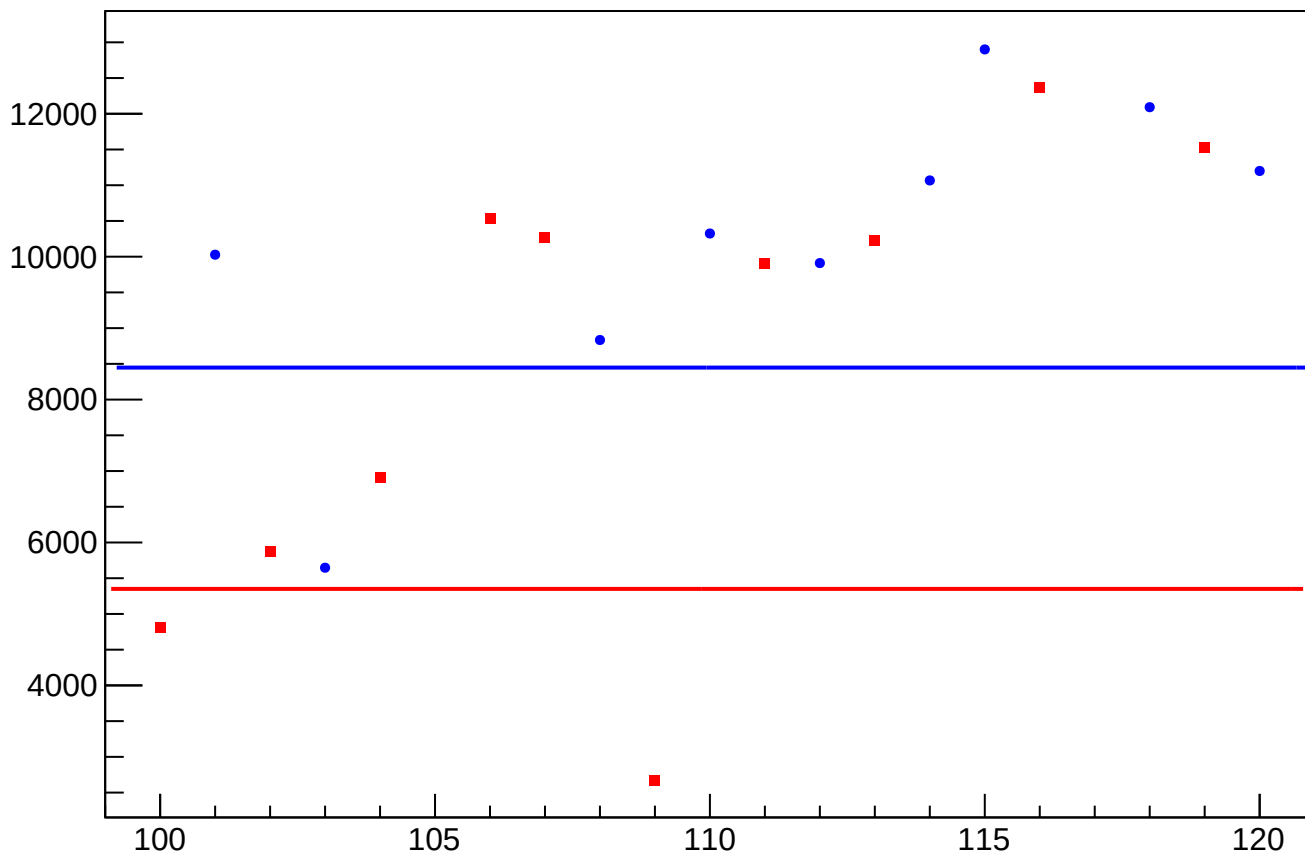
diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: 0.562+/-4.629 χ^2/NDF : 3.8/8
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 2.535+/-3.190 χ^2/NDF : 10.5/9
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 1.900+/-2.626 χ^2/NDF : 14.5/18
 In: 0.562+/-4.629 χ^2/NDF :3.8/8
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 1.900+/-2.626 χ^2/NDF : 14.5/18

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 8447.831+/-3.273 χ^2/NDF : 558168.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5350.599+/-2.255 χ^2/NDF : 1904573.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

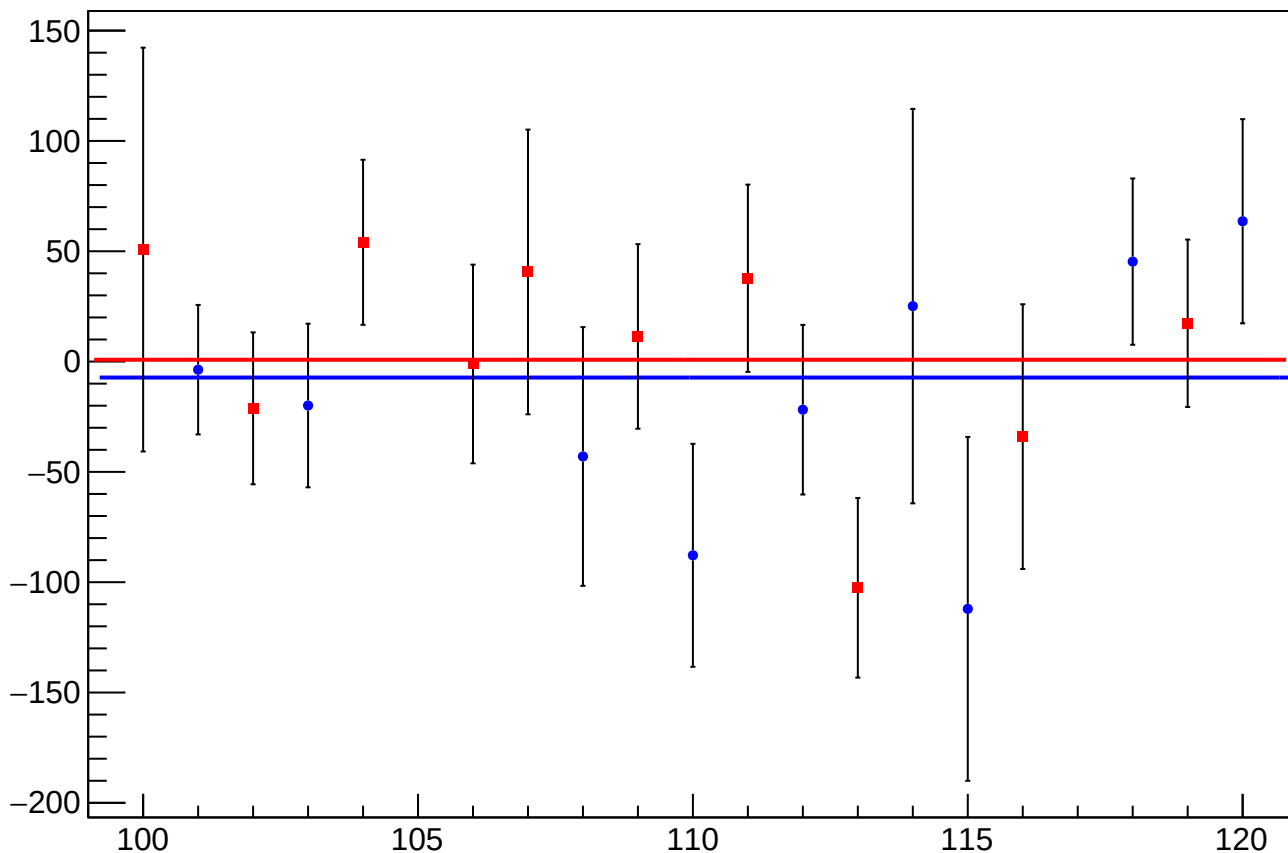
Right: 6347.713+/-1.857 χ^2/NDF : 3069850.4/18

In: 8447.831+/-3.273 χ^2/NDF : 558168.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6347.713+/-1.857 χ^2/NDF : 3069850.4/18

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -7.242 $\pm$ 14.573 χ^2 /NDF: 9.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.822 $\pm$ 13.983 χ^2 /NDF: 10.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

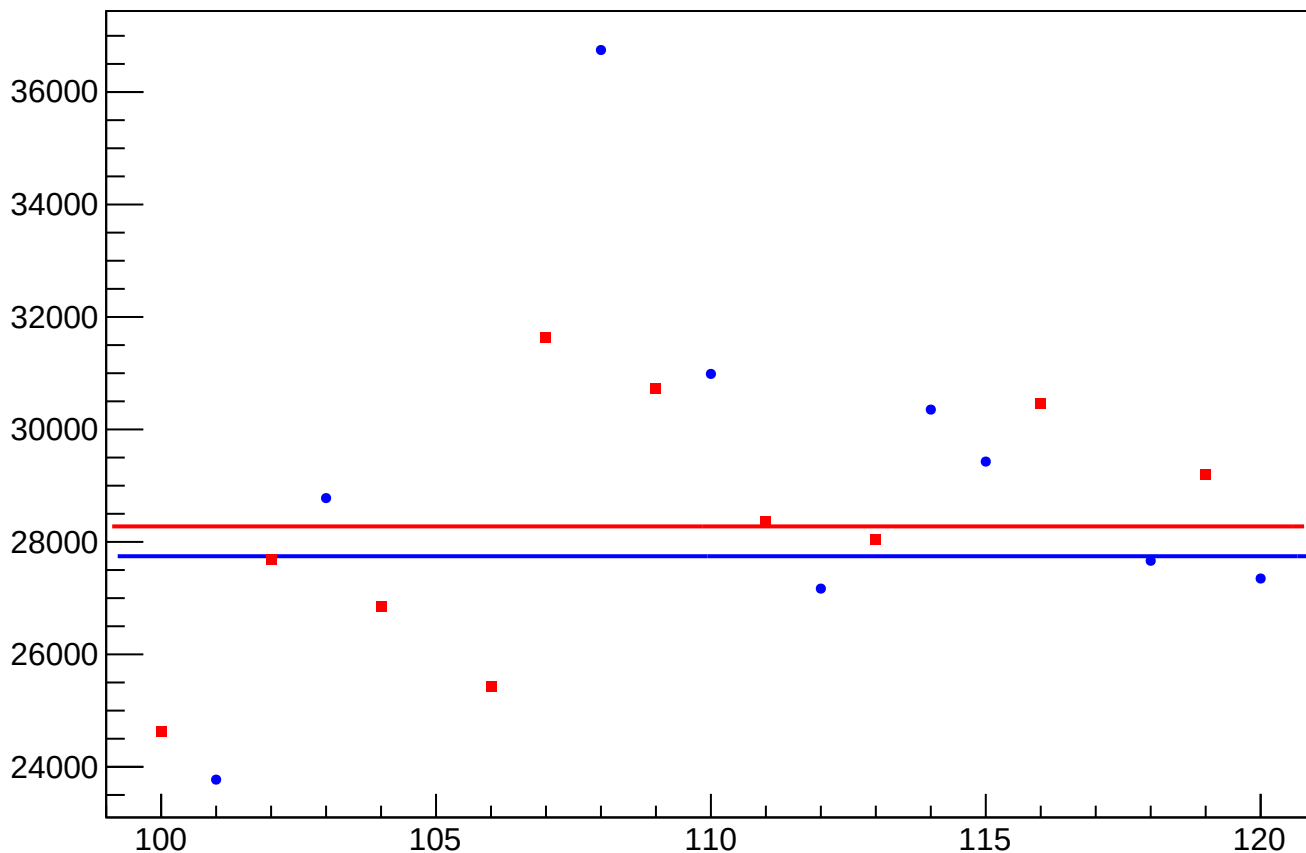
Right: -3.044 $\pm$ 10.090 χ^2 /NDF: 20.5/18

In: -7.242 $\pm$ 14.573 χ^2 /NDF:9.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -3.044 $\pm$ 10.090 χ^2 /NDF: 20.5/18

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 27745.315+/-10.305 χ^2/NDF : 96838.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28275.825+/-9.887 χ^2/NDF : 30871.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

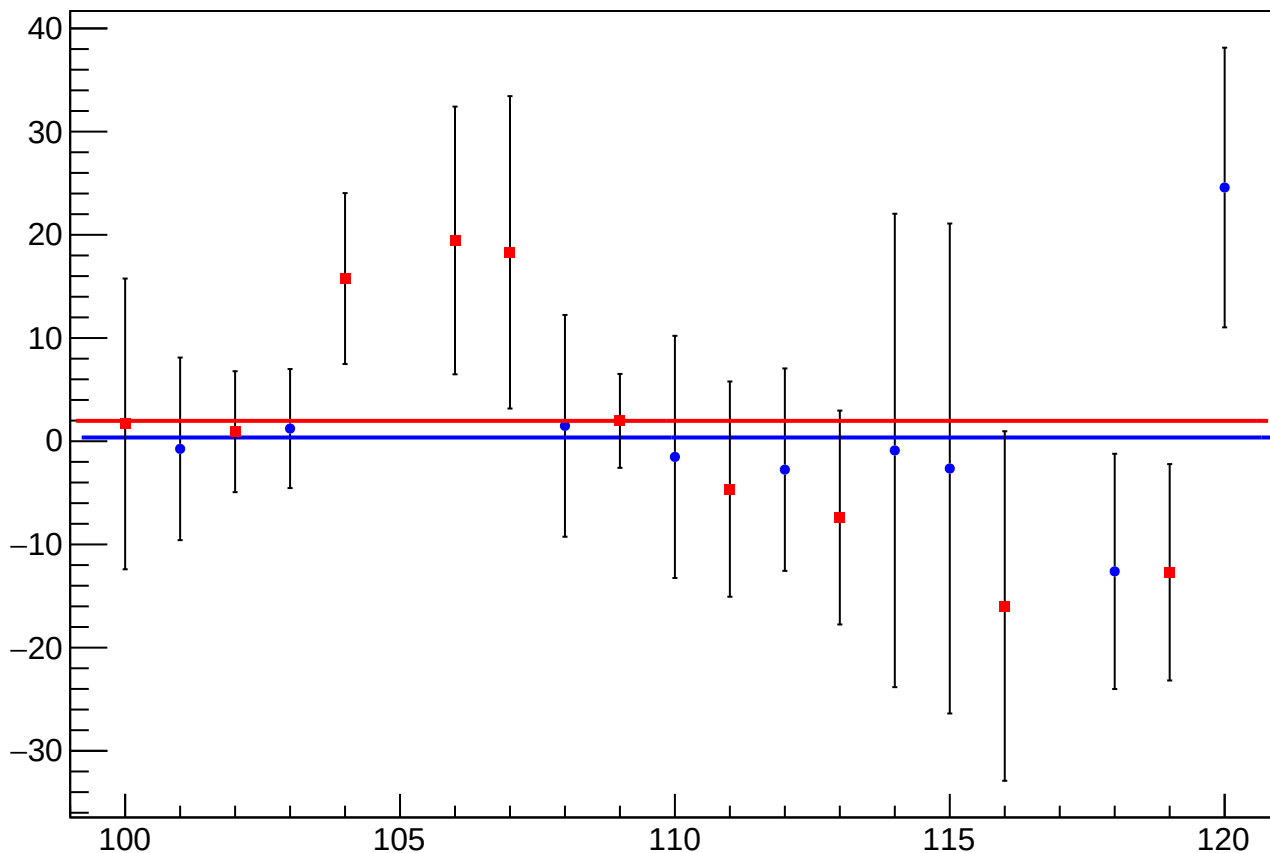
Right: 28021.530+/-7.134 χ^2/NDF : 129089.3/18

In: 27745.315+/-10.305 χ^2/NDF : 96838.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28021.530+/-7.134 χ^2/NDF : 129089.3/18

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.363+/-3.410 χ^2/NDF : 4.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.974+/-2.688 χ^2/NDF : 10.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

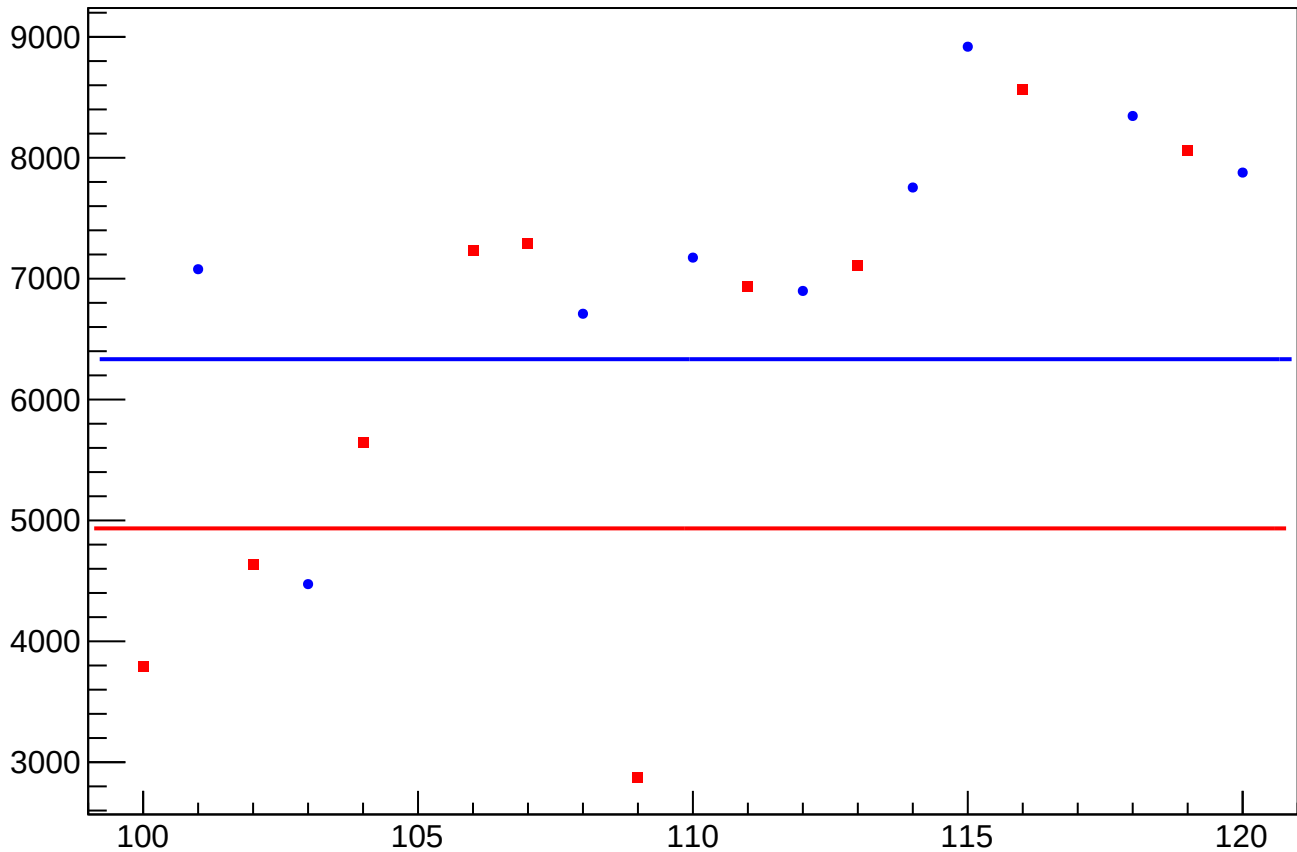
Right: 1.357+/-2.111 χ^2/NDF : 14.9/18

In: 0.363+/-3.410 χ^2/NDF :4.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.357+/-2.111 χ^2/NDF : 14.9/18

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 6333.853+/-2.411 χ^2/NDF : 361326.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4934.207+/-1.900 χ^2/NDF : 985649.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

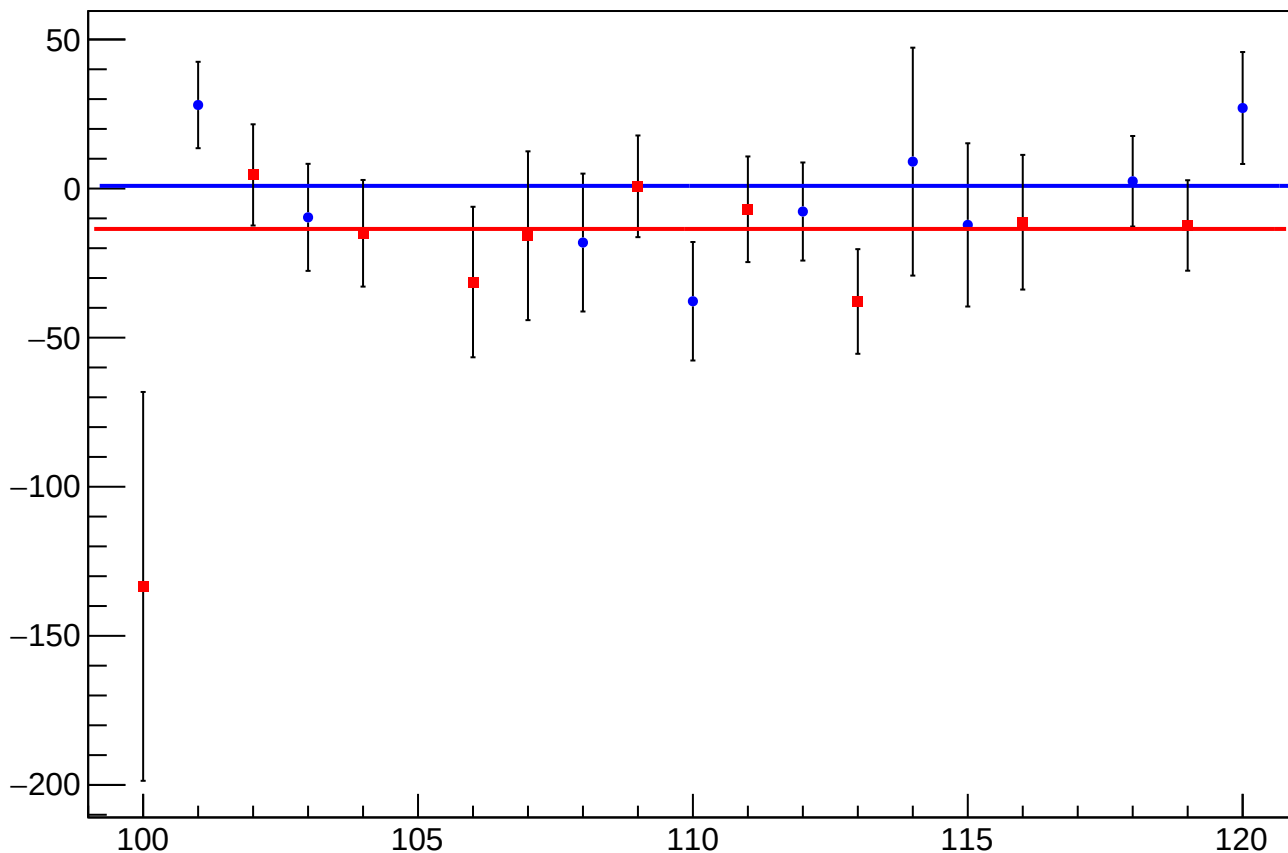
Right: 5470.439+/-1.493 χ^2/NDF : 1554789.9/18

In: 6333.853+/-2.411 χ^2/NDF : 361326.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5470.439+/-1.493 χ^2/NDF : 1554789.9/18

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: 0.901+/-6.304 χ^2/NDF : 10.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.542+/-6.221 χ^2/NDF : 7.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

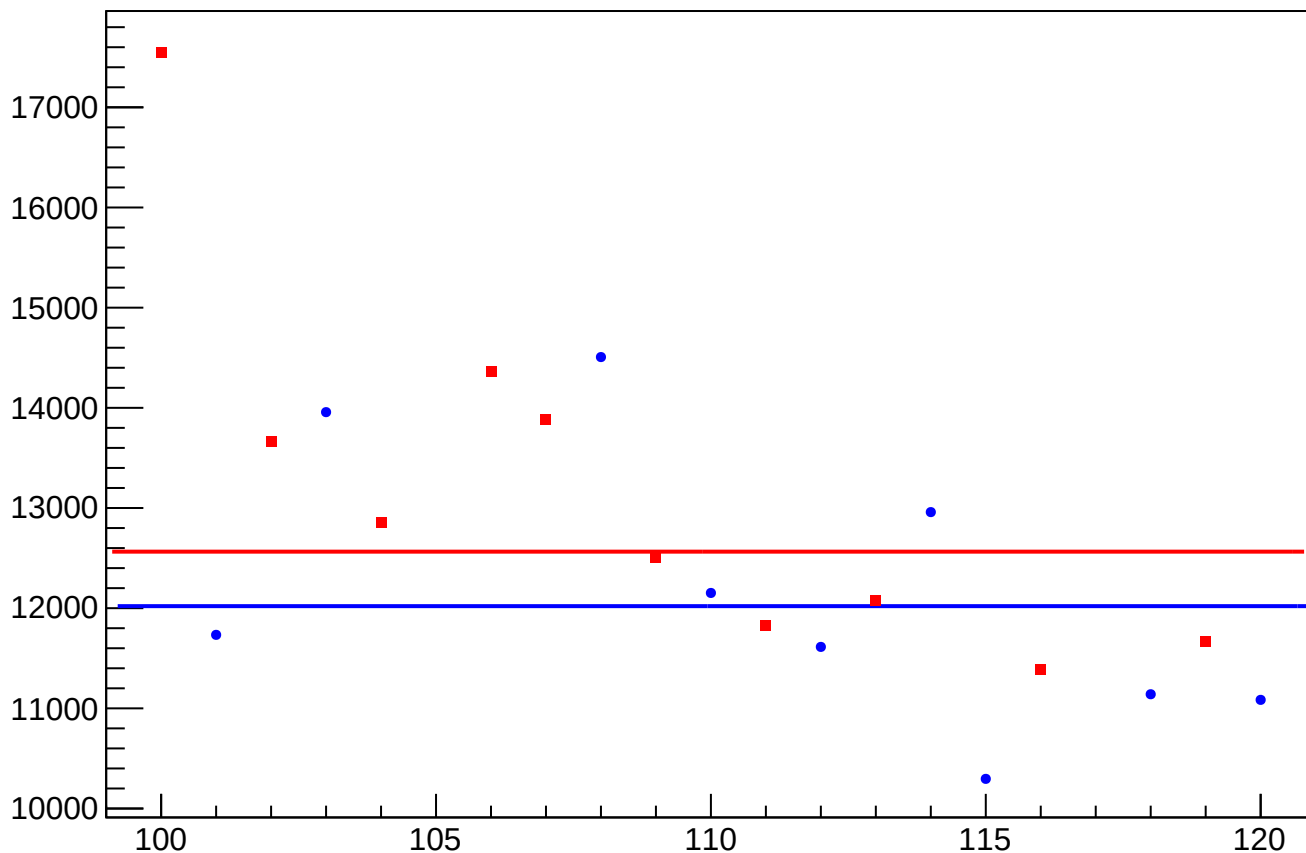
Right: -6.415+/-4.428 χ^2/NDF : 21.3/18

In: 0.901+/-6.304 χ^2/NDF : 10.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.415+/-4.428 χ^2/NDF : 21.3/18

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 12020.319+/-4.457 χ^2/NDF : 69335.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12564.353+/-4.399 χ^2/NDF : 52577.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

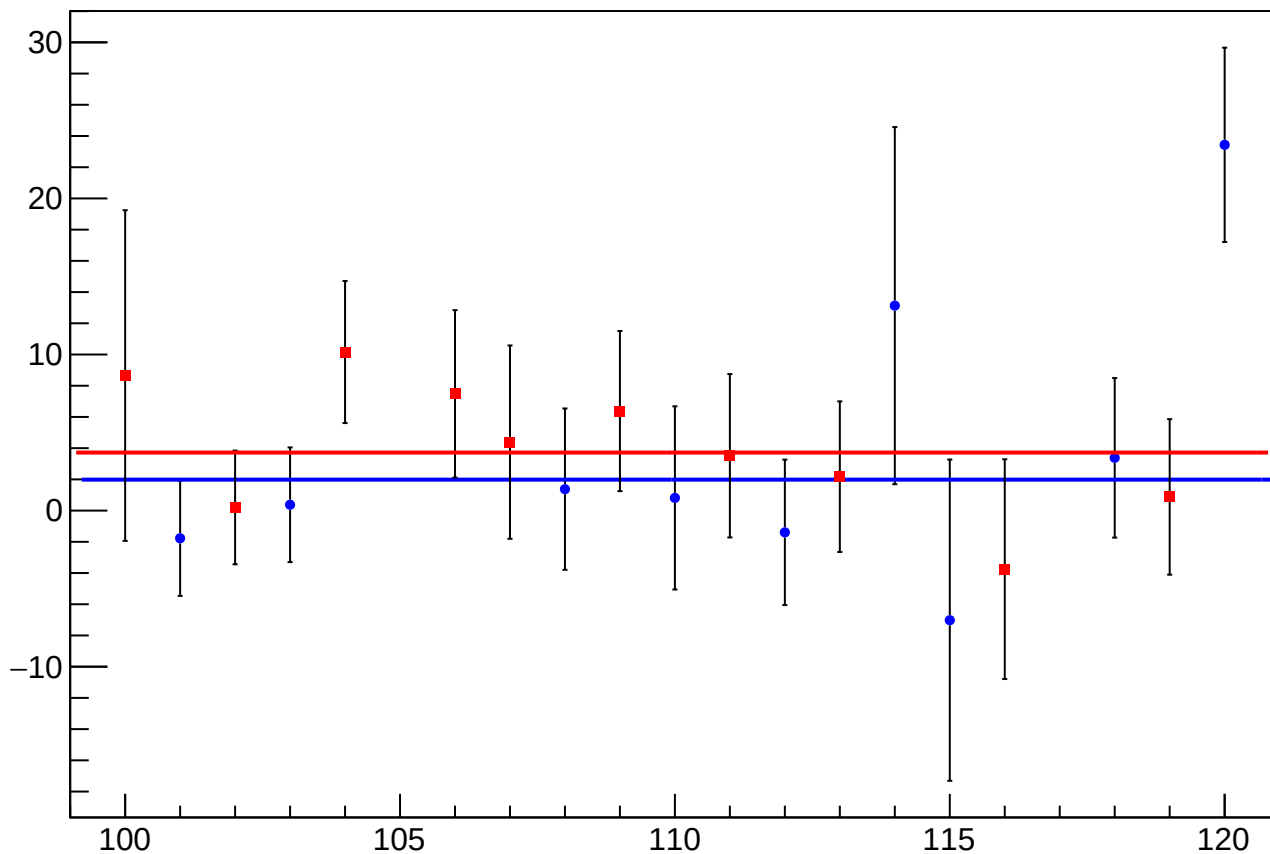
Right: 12295.915+/-3.131 χ^2/NDF : 129459.2/18

In: 12020.319+/-4.457 χ^2/NDF : 69335.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12295.915+/-3.131 χ^2/NDF : 129459.2/18

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 1.984+/-1.712 χ^2/NDF : 15.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.719+/-1.641 χ^2/NDF : 5.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

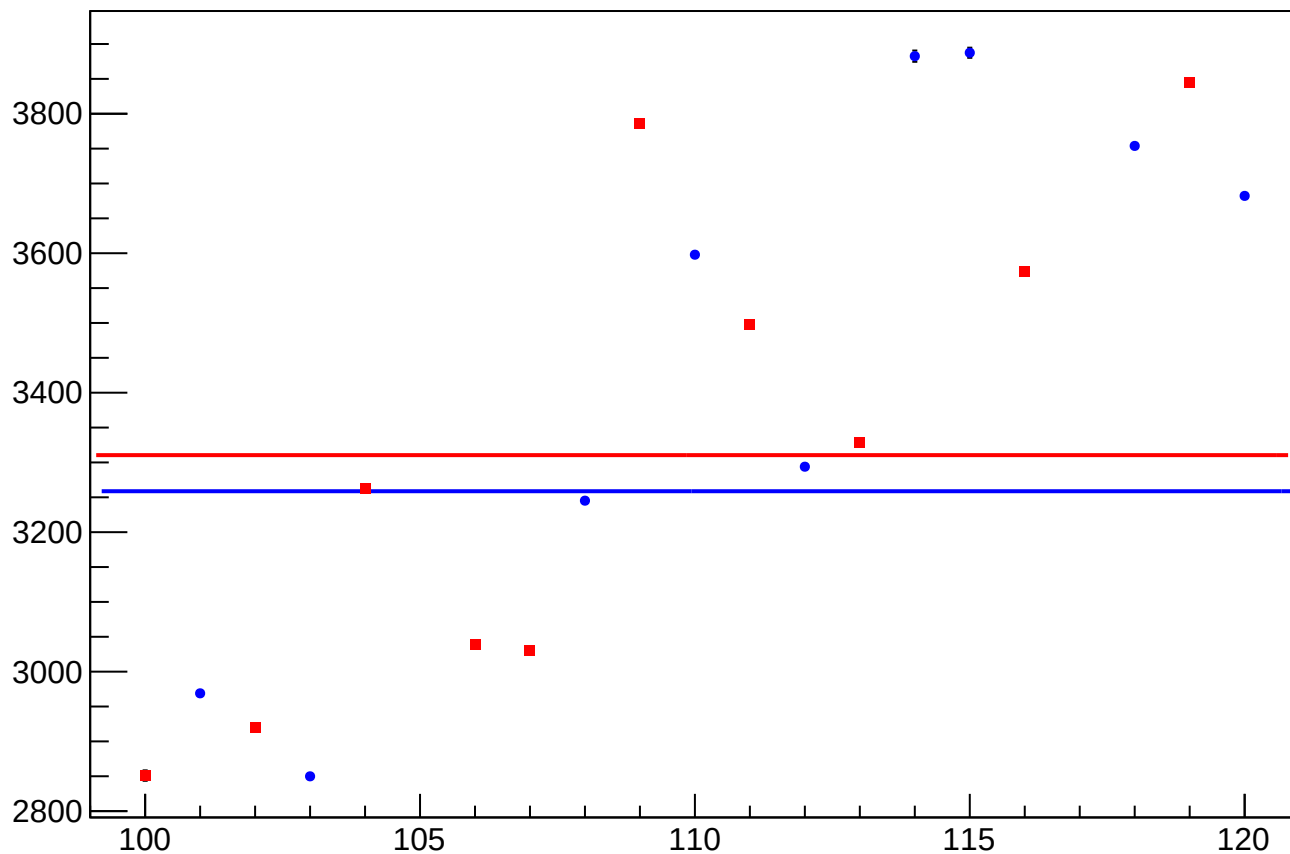
Right: 2.888+/-1.185 χ^2/NDF : 21.5/18

In: 1.984+/-1.712 χ^2/NDF : 15.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.888+/-1.185 χ^2/NDF : 21.5/18

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3258.721+/-1.211 χ^2/NDF : 85326.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3310.471+/-1.160 χ^2/NDF : 81643.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

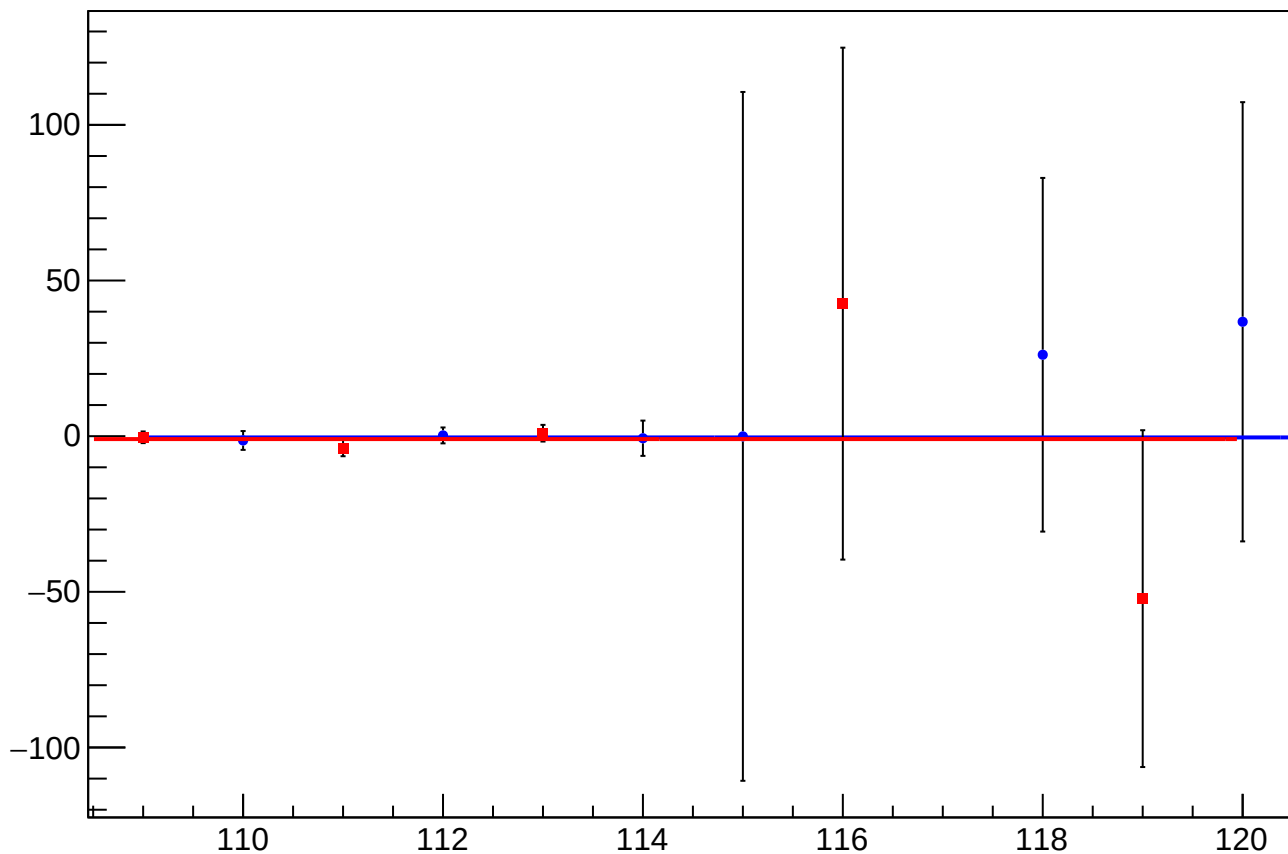
Right: 3285.695+/-0.838 χ^2/NDF : 167921.4/18

In: 3258.721+/-1.211 χ^2/NDF : 85326.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3285.695+/-0.838 χ^2/NDF : 167921.4/18

diff_bpm1p02bX_mean vs Slug, Sign Corrected



Right In: -0.402 ± 1.843 χ^2/NDF : 0.7/5

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.933 ± 1.324 χ^2/NDF : 3.0/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

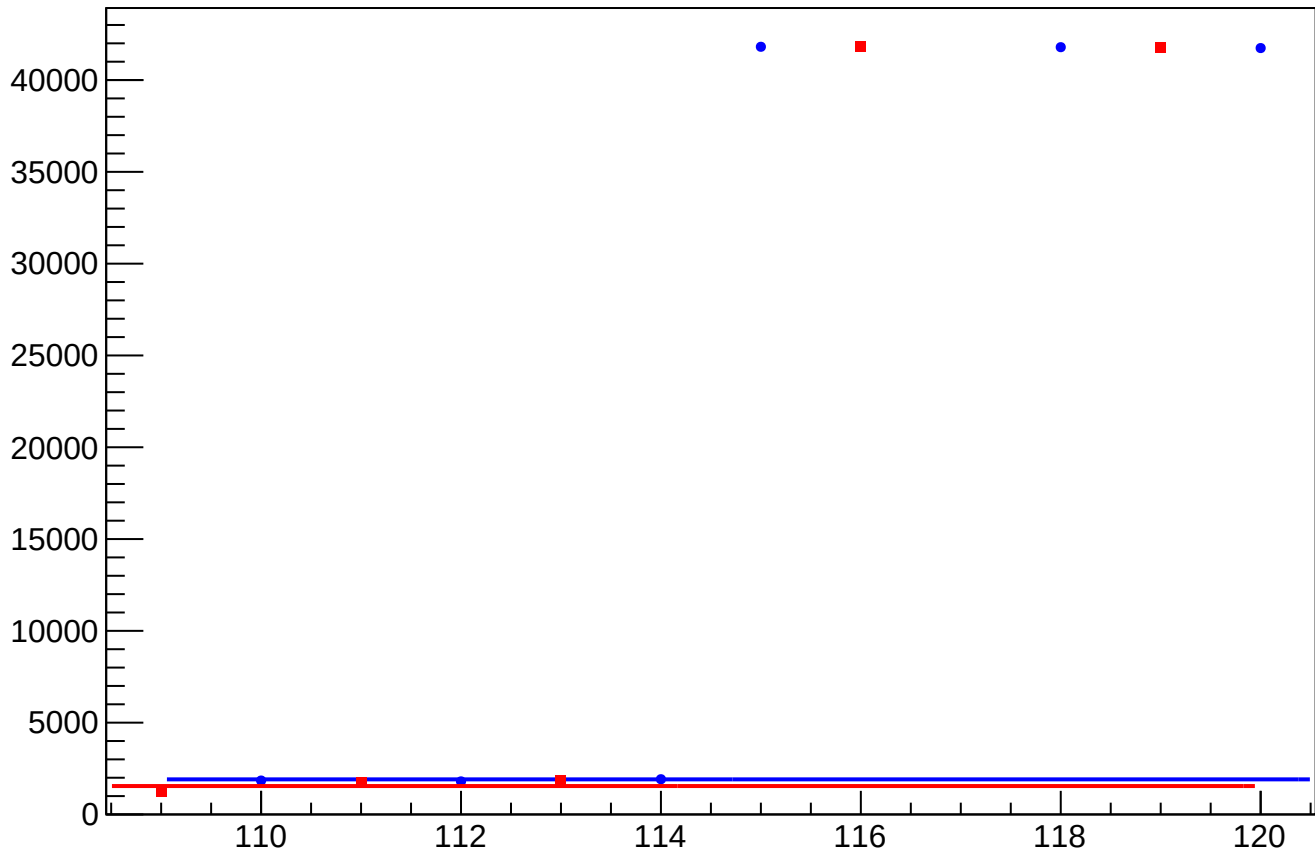
Right: -0.752 ± 1.075 χ^2/NDF : 3.7/10

In: -0.402 ± 1.843 χ^2/NDF : 0.7/5

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.752 ± 1.075 χ^2/NDF : 3.7/10

diff_bpm1p02bX_rms vs Slug, Sign Corrected



Right In: 1911.218+/-1.303 χ^2/NDF : 1887944.4/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1547.454+/-0.936 χ^2/NDF : 1678797.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

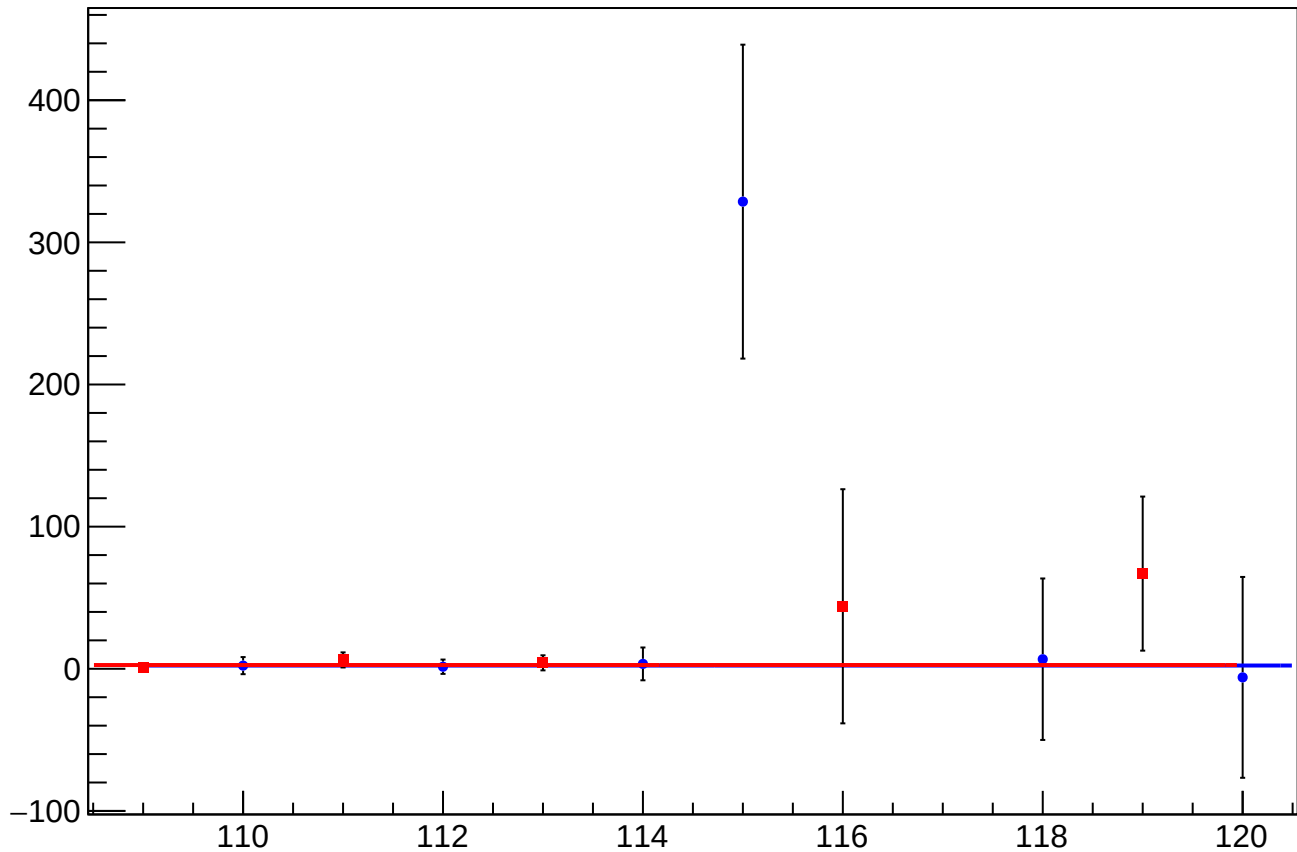
Right: 1671.323+/-0.760 χ^2/NDF : 3618140.0/10

In: 1911.218+/-1.303 χ^2/NDF : 1887944.4/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1671.323+/-0.760 χ^2/NDF : 3618140.0/10

diff_bpm1p02bY_mean vs Slug, Sign Corrected



Right In: 2.298+/-3.648 χ^2/NDF : 8.8/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.641+/-2.275 χ^2/NDF : 2.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

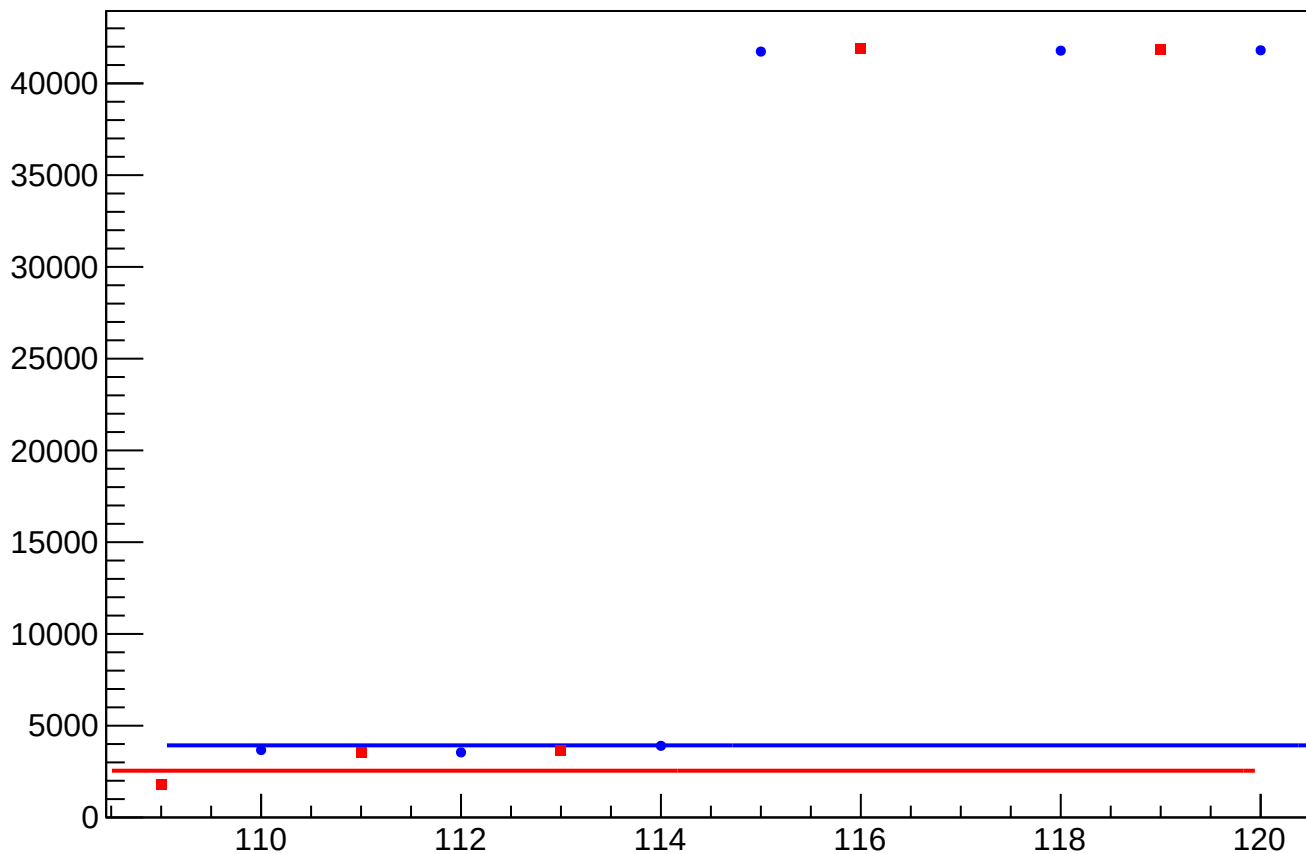
Right: 2.545+/-1.931 χ^2/NDF : 11.4/10

In: 2.298+/-3.648 χ^2/NDF : 8.8/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.545+/-1.931 χ^2/NDF : 11.4/10

diff_bpm1p02bY_rms vs Slug, Sign Corrected



Right In: 3928.643+/-2.580 χ^2/NDF : 1712865.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2547.289+/-1.609 χ^2/NDF : 1803182.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

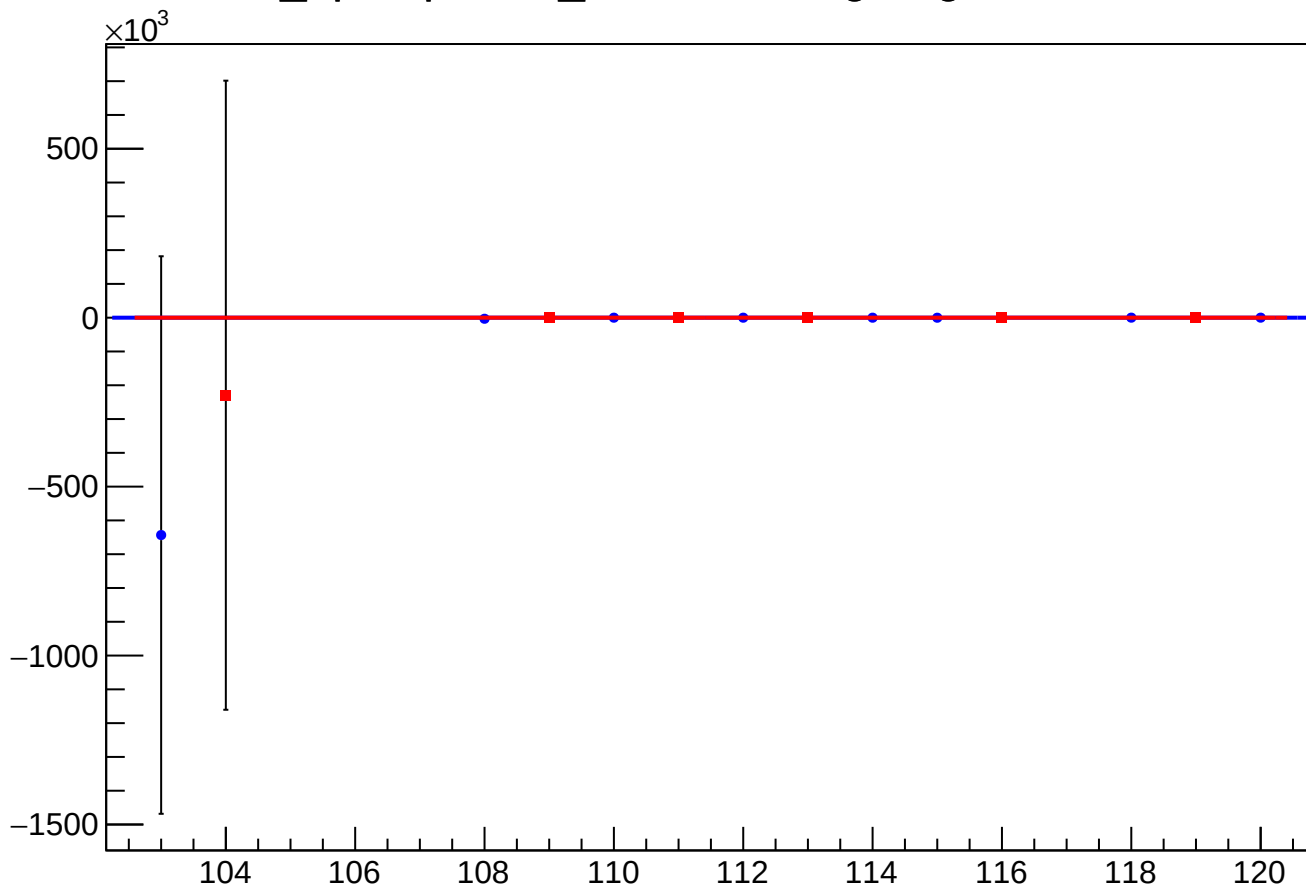
Right: 2934.138+/-1.365 χ^2/NDF : 3722468.6/10

In: 3928.643+/-2.580 χ^2/NDF : 1712865.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2934.138+/-1.365 χ^2/NDF : 3722468.6/10

diff_bpm1p03aX_mean vs Slug, Sign Corrected



Right In: 5.062 $\pm$ 2.960 χ^2 /NDF: 8.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.580 $\pm$ 2.473 χ^2 /NDF: 7.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

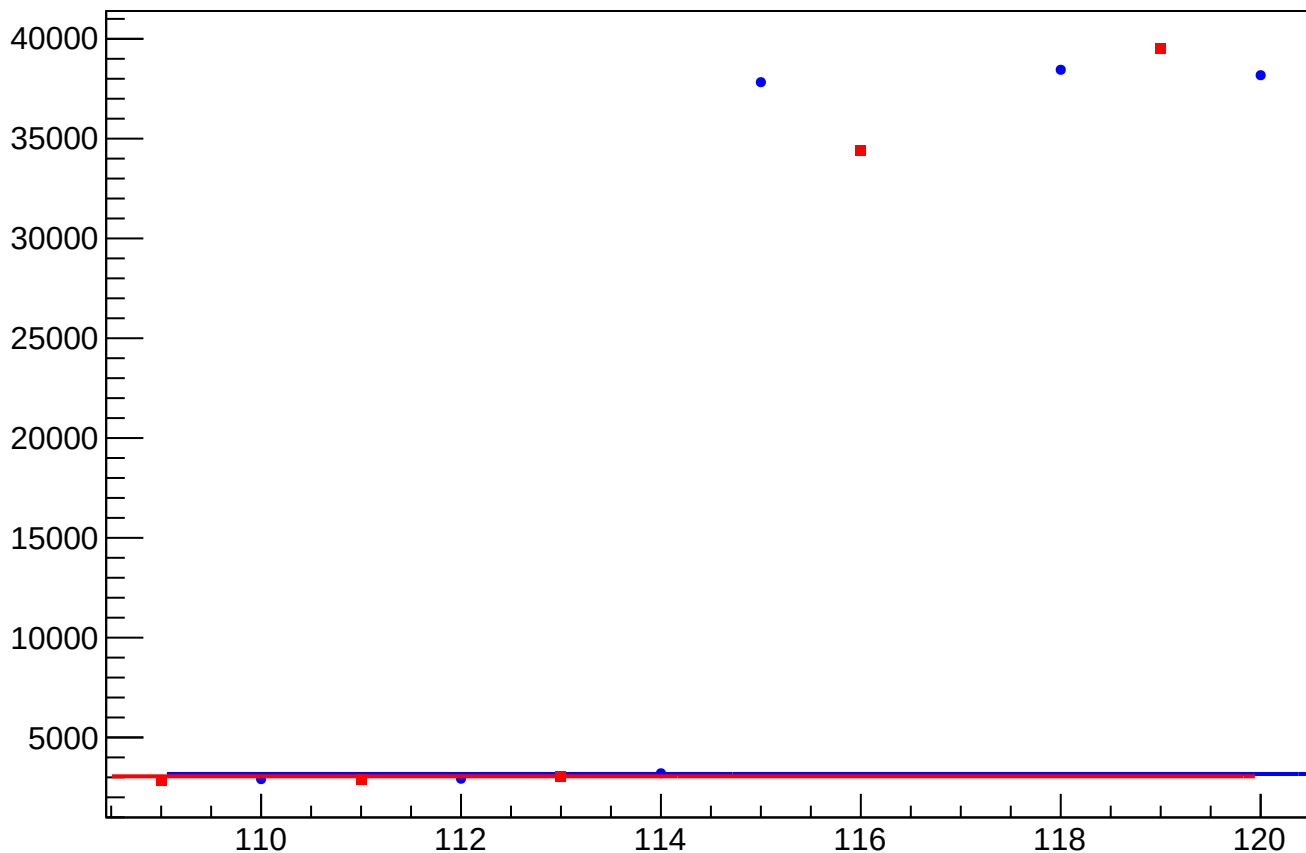
Right: 4.189 $\pm$ 1.898 χ^2 /NDF: 16.5/13

In: 5.062 $\pm$ 2.960 χ^2 /NDF: 8.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.189 $\pm$ 1.898 χ^2 /NDF: 16.5/13

diff_bpm1p03aX_rms vs Slug, Sign Corrected



Right In: 3169.308+/-2.093 χ^2/NDF : 1746117.2/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3053.098+/-1.749 χ^2/NDF : 1451954.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

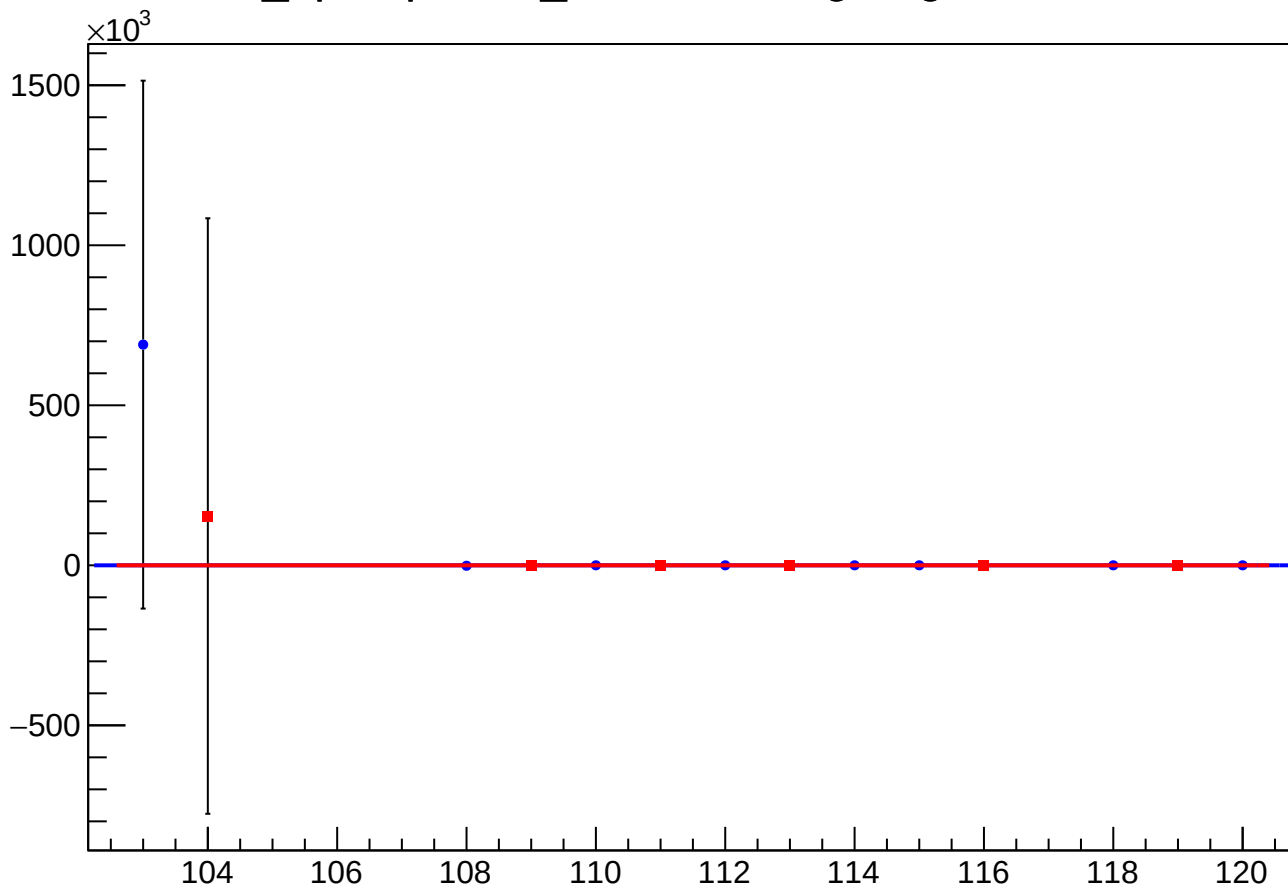
Right: 3100.877+/-1.342 χ^2/NDF : 3199886.2/10

In: 3169.308+/-2.093 χ^2/NDF : 1746117.2/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3100.877+/-1.342 χ^2/NDF : 3199886.2/10

diff_bpm1p03aY_mean vs Slug, Sign Corrected



Right In: 0.192 $\pm$ 3.144 χ^2 /NDF: 1.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.443 $\pm$ 1.932 χ^2 /NDF: 1.8/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

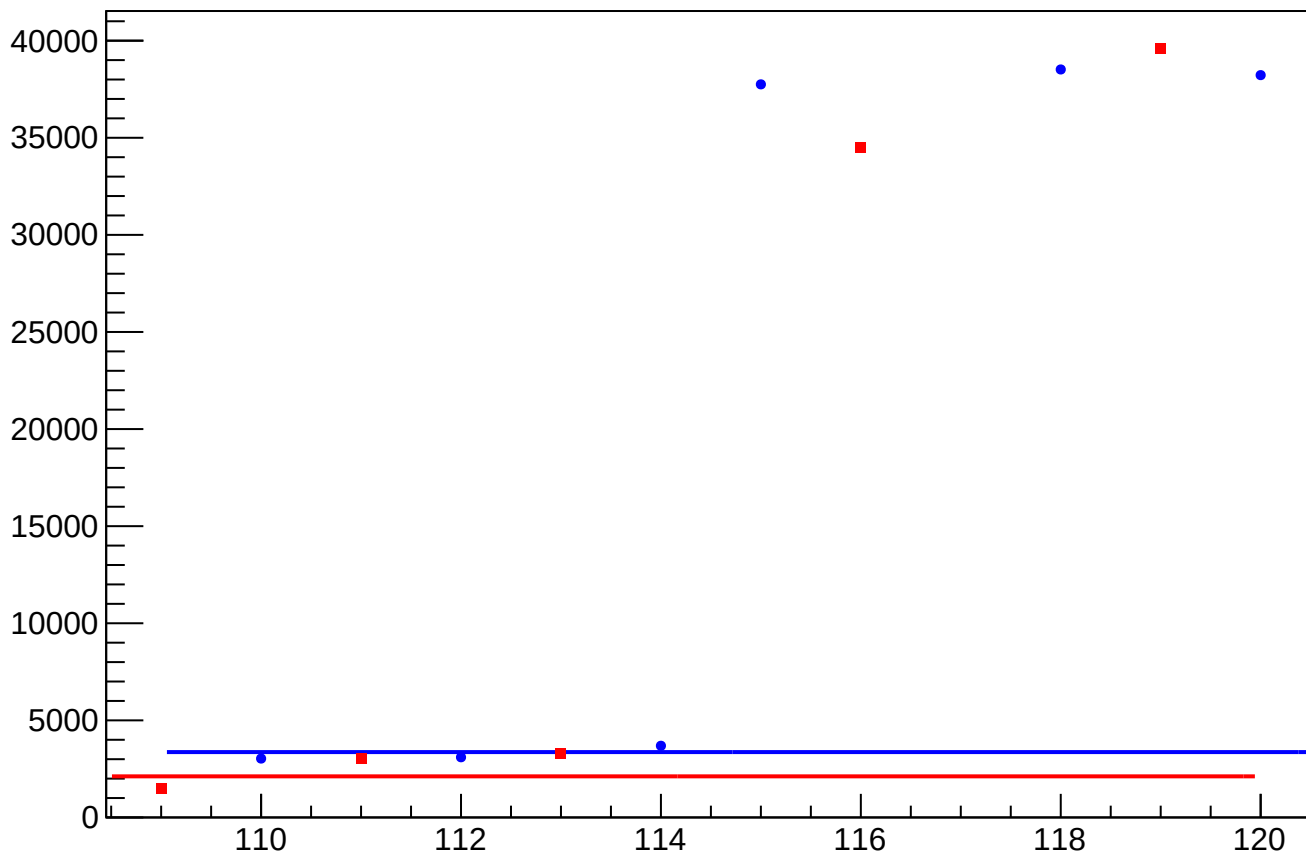
Right: 1.826 $\pm$ 1.646 χ^2 /NDF: 3.6/13

In: 0.192 $\pm$ 3.144 χ^2 /NDF:1.4/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.826 $\pm$ 1.646 χ^2 /NDF: 3.6/13

diff_bpm1p03aY_rms vs Slug, Sign Corrected



Right In: 3366.286+/-2.223 χ^2/NDF : 1732670.6/5

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2116.755+/-1.366 χ^2/NDF : 1872285.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

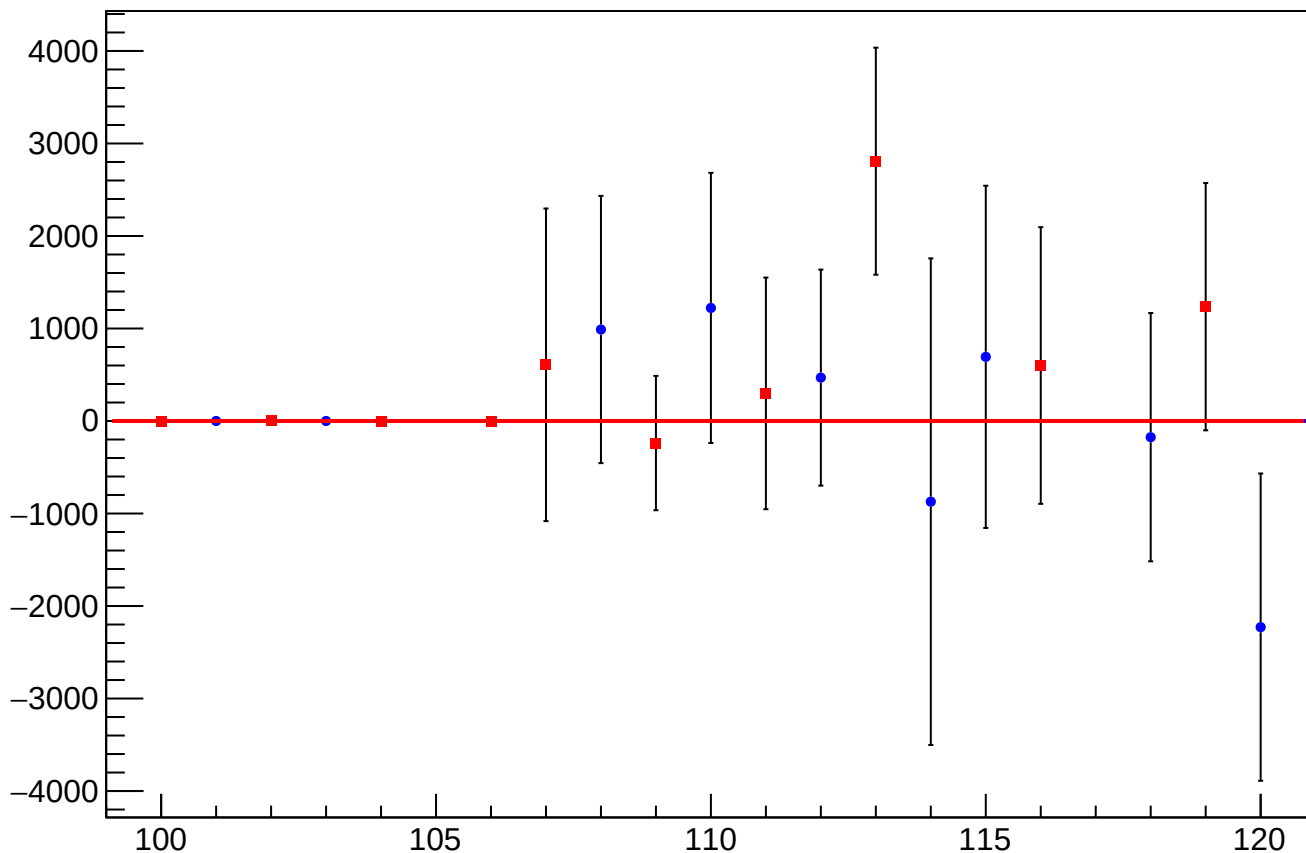
Right: 2459.210+/-1.164 χ^2/NDF : 3834214.5/10

In: 3366.286+/-2.223 χ^2/NDF : 1732670.6/5

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2459.210+/-1.164 χ^2/NDF : 3834214.5/10

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.256+/-0.356 χ^2/NDF : 3.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.096+/-0.328 χ^2/NDF : 10.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

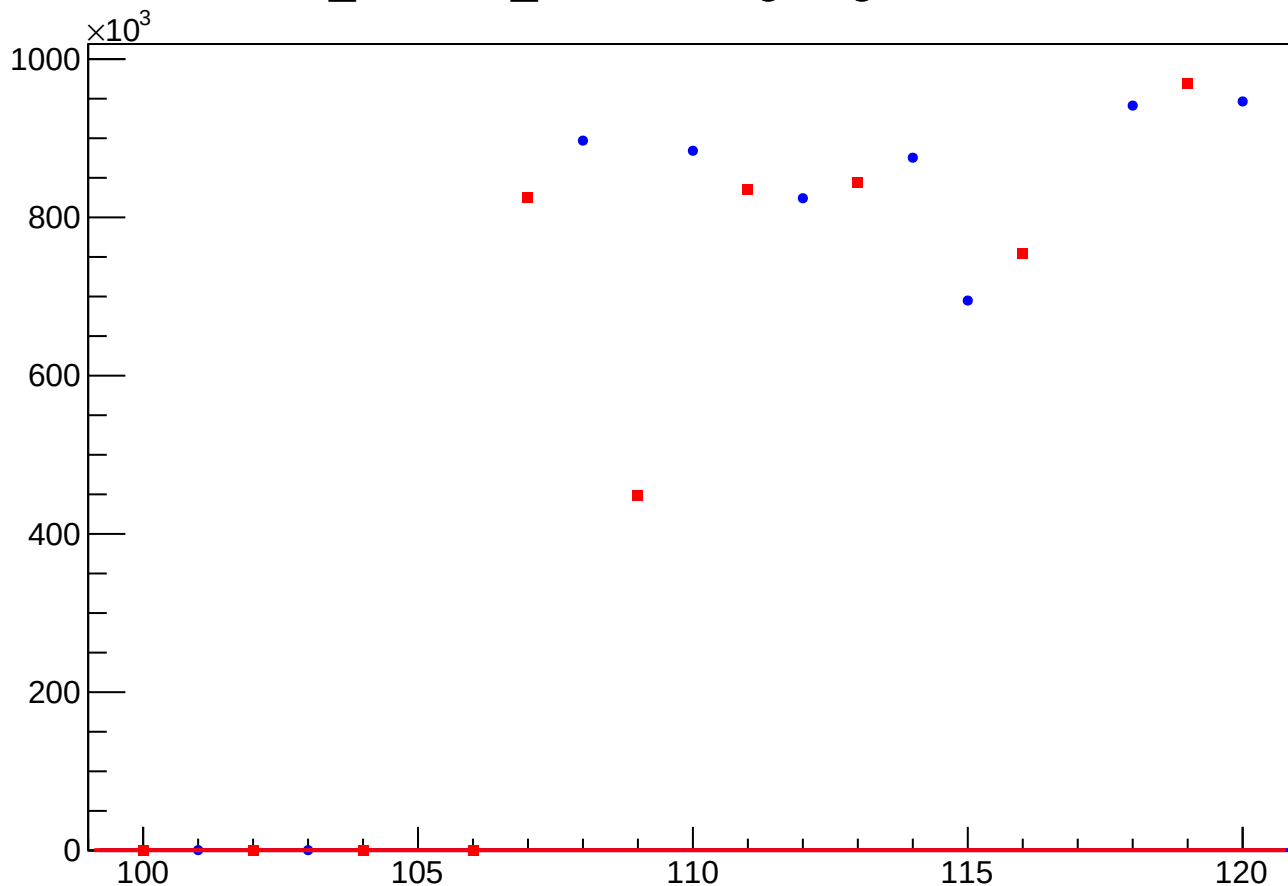
Right: 0.066+/-0.241 χ^2/NDF : 14.0/18

In: 0.256+/-0.356 χ^2/NDF : 3.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.066+/-0.241 χ^2/NDF : 14.0/18

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 398.467+/-0.251 χ^2/NDF : 3993800.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 392.970+/-0.232 χ^2/NDF : 3928466.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

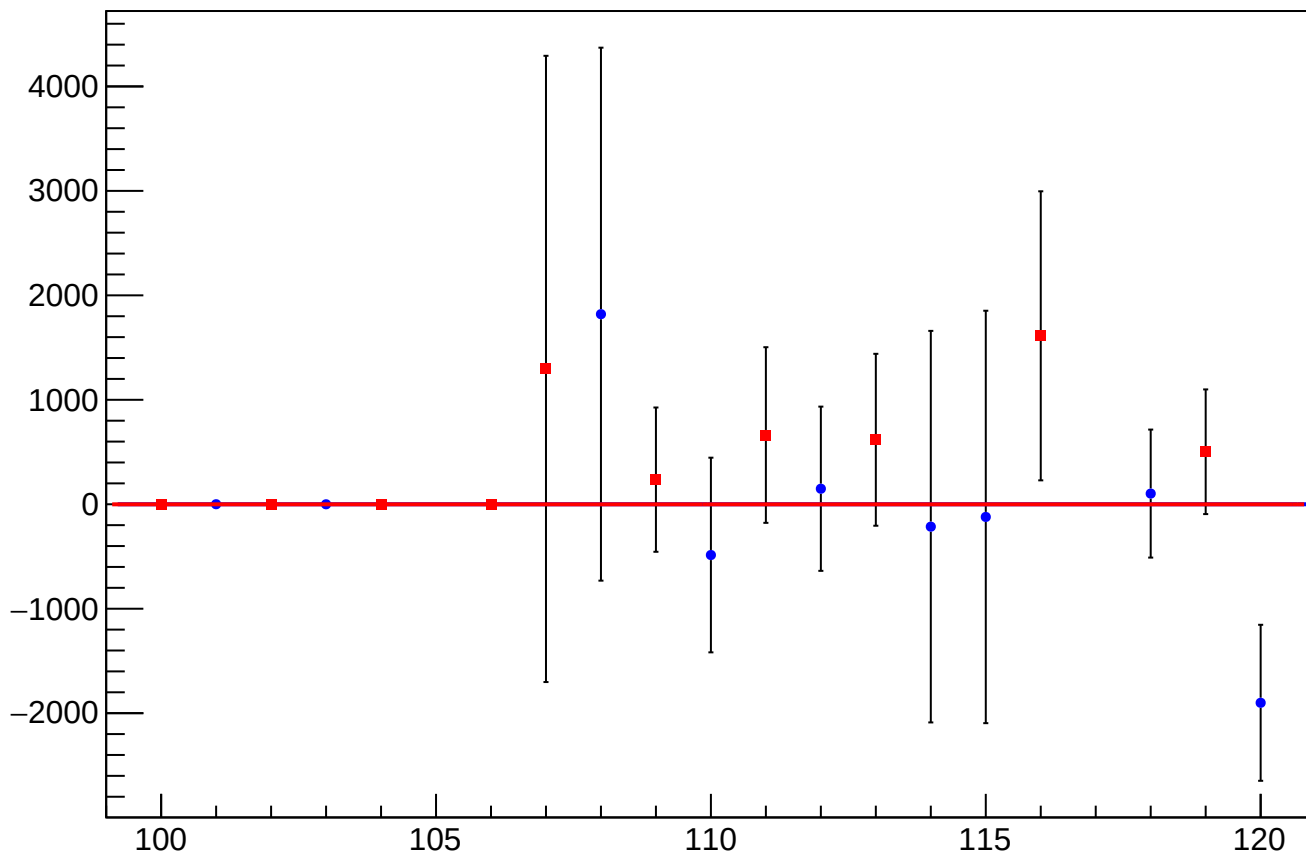
Right: 395.495+/-0.170 χ^2/NDF : 7922525.4/18

In: 398.467+/-0.251 χ^2/NDF : 3993800.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 395.495+/-0.170 χ^2/NDF : 7922525.4/18

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.347 χ^2/NDF : 8.0/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.598 ± 0.324 χ^2/NDF : 3.7/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

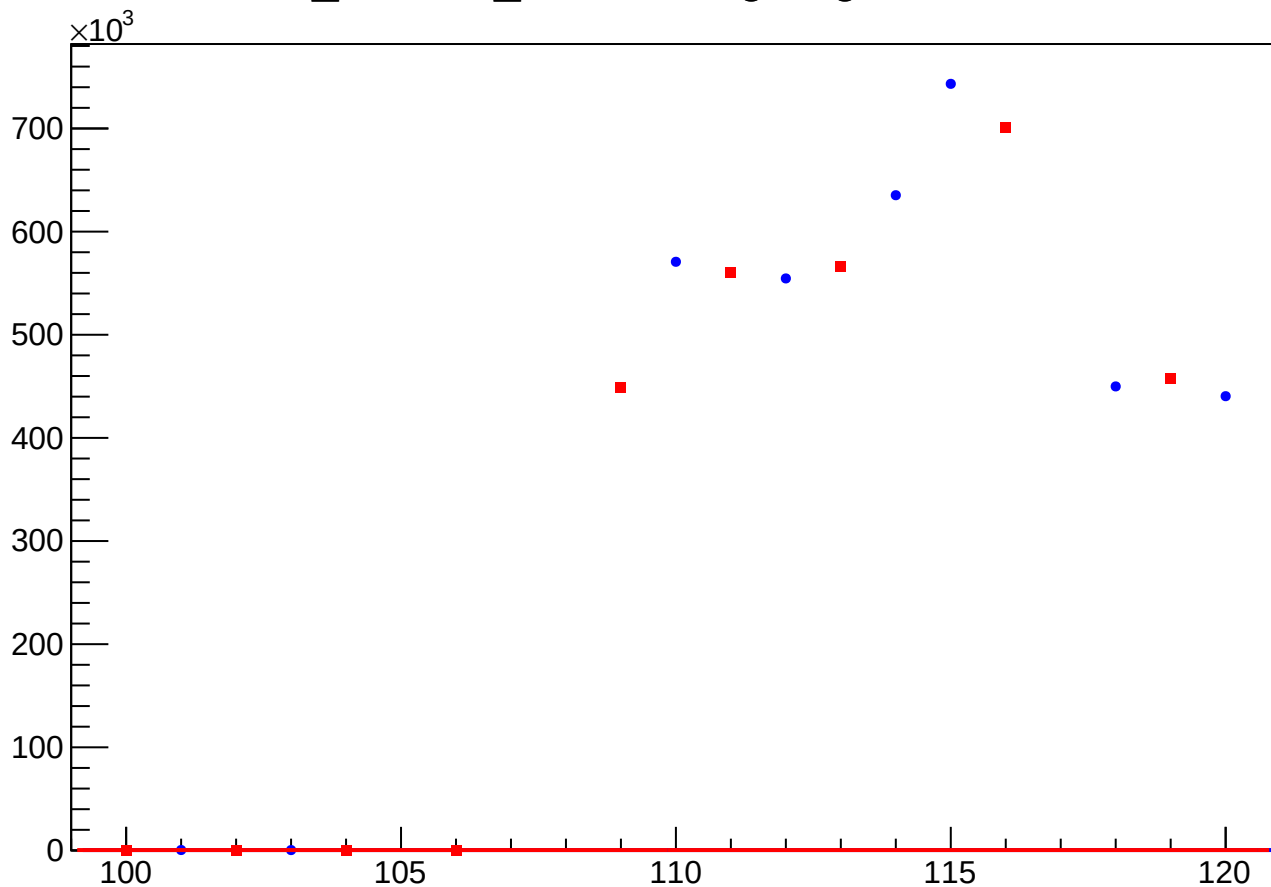
Right: -0.329 ± 0.237 χ^2/NDF : 13.2/18

In: -0.020 ± 0.347 χ^2/NDF : 8.0/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.329 ± 0.237 χ^2/NDF : 13.2/18

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 389.137 $\pm$ 0.245 χ^2/NDF : 4039684.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 387.017 $\pm$ 0.229 χ^2/NDF : 4359293.9/8

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

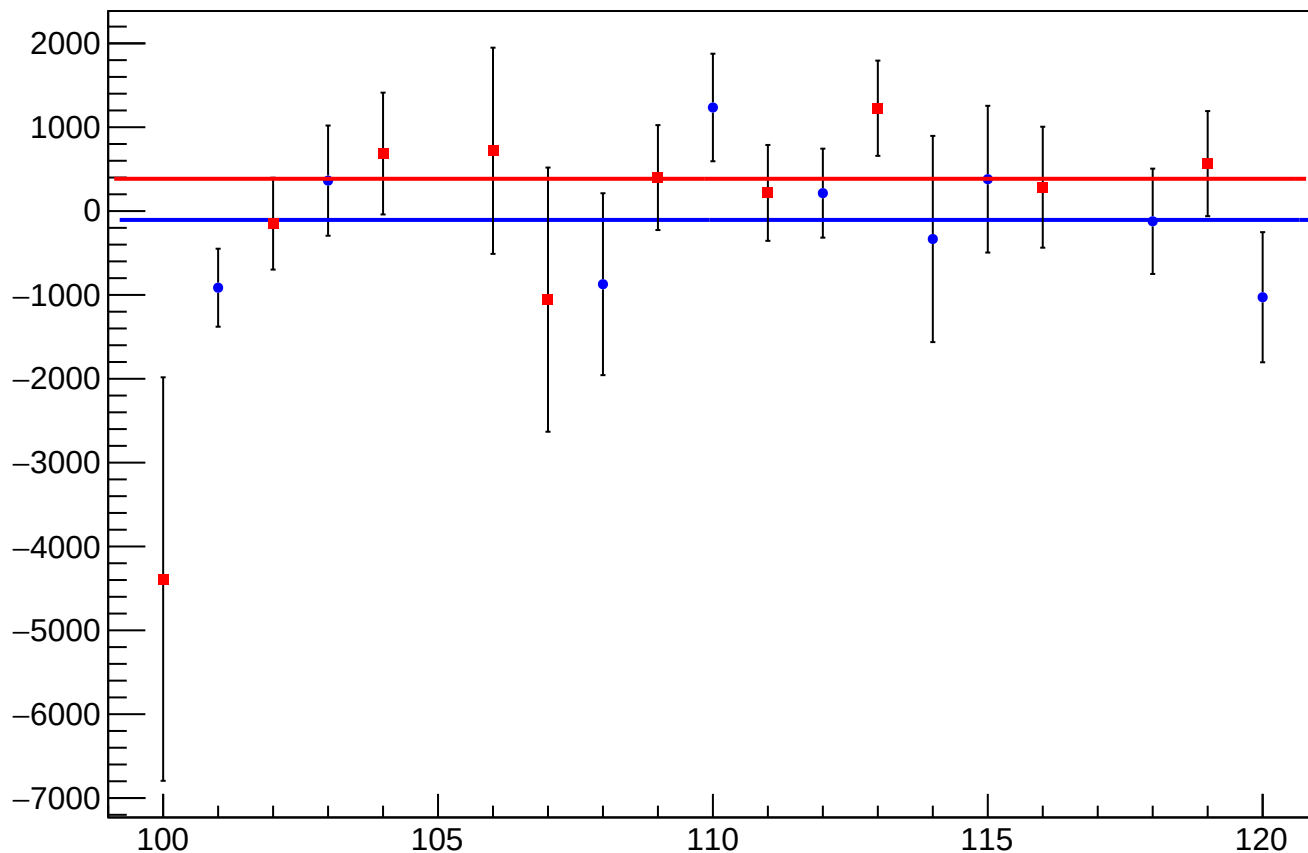
Right: 388.003 $\pm$ 0.167 χ^2/NDF : 8399018.3/16

In: 389.137 $\pm$ 0.245 χ^2/NDF : 4039684.5/7

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 388.003 $\pm$ 0.167 χ^2/NDF : 8399018.3/16

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: -105.363+/-223.966 χ^2 /NDF: 10.5/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 385.085+/-225.600 χ^2 /NDF: 8.4/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

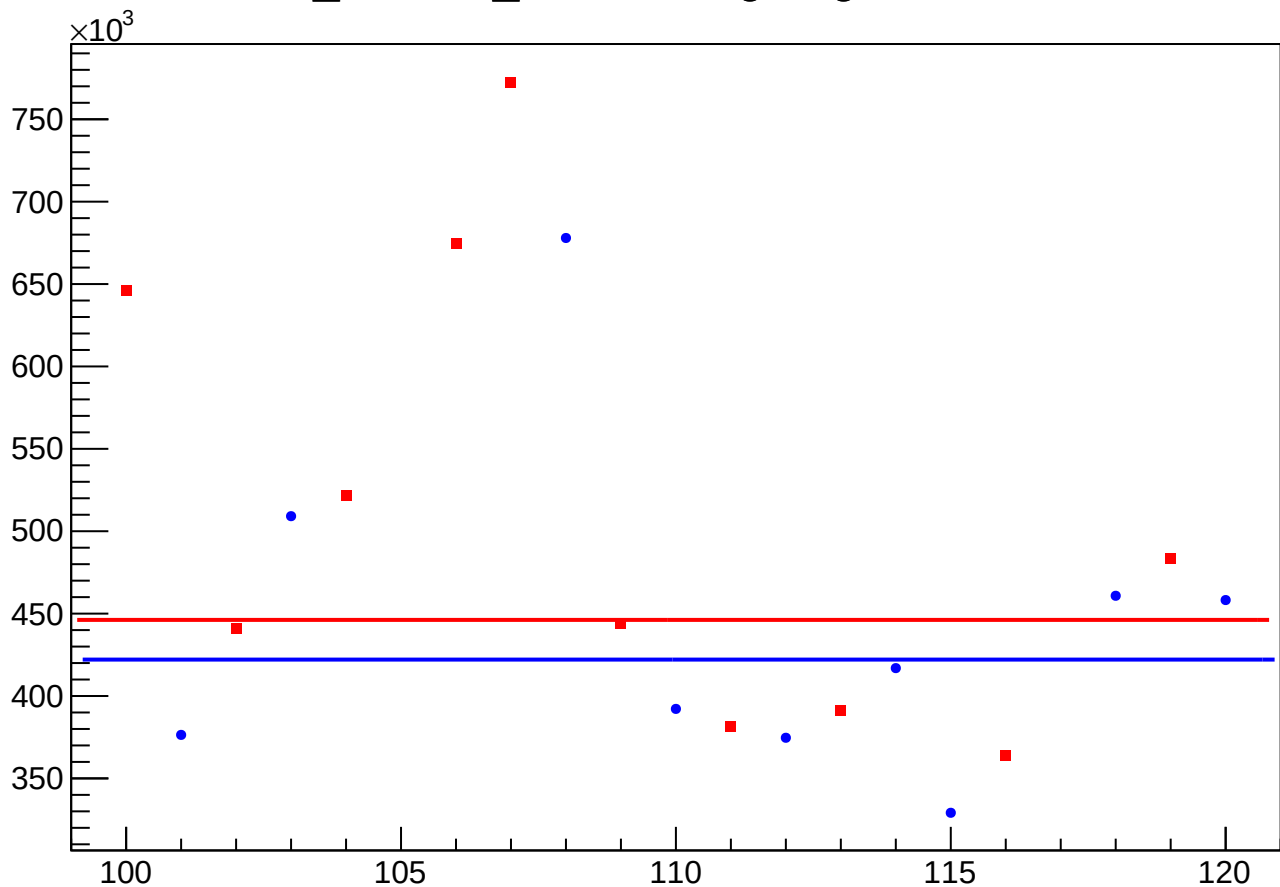
Right: 138.079+/-158.942 χ^2 /NDF: 21.3/18

In: -105.363+/-223.966 χ^2 /NDF:10.5/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 138.079+/-158.942 χ^2 /NDF: 21.3/18

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 422100.501+/-158.368 χ^2/NDF : 220593.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 446187.413+/-159.607 χ^2/NDF : 265706.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

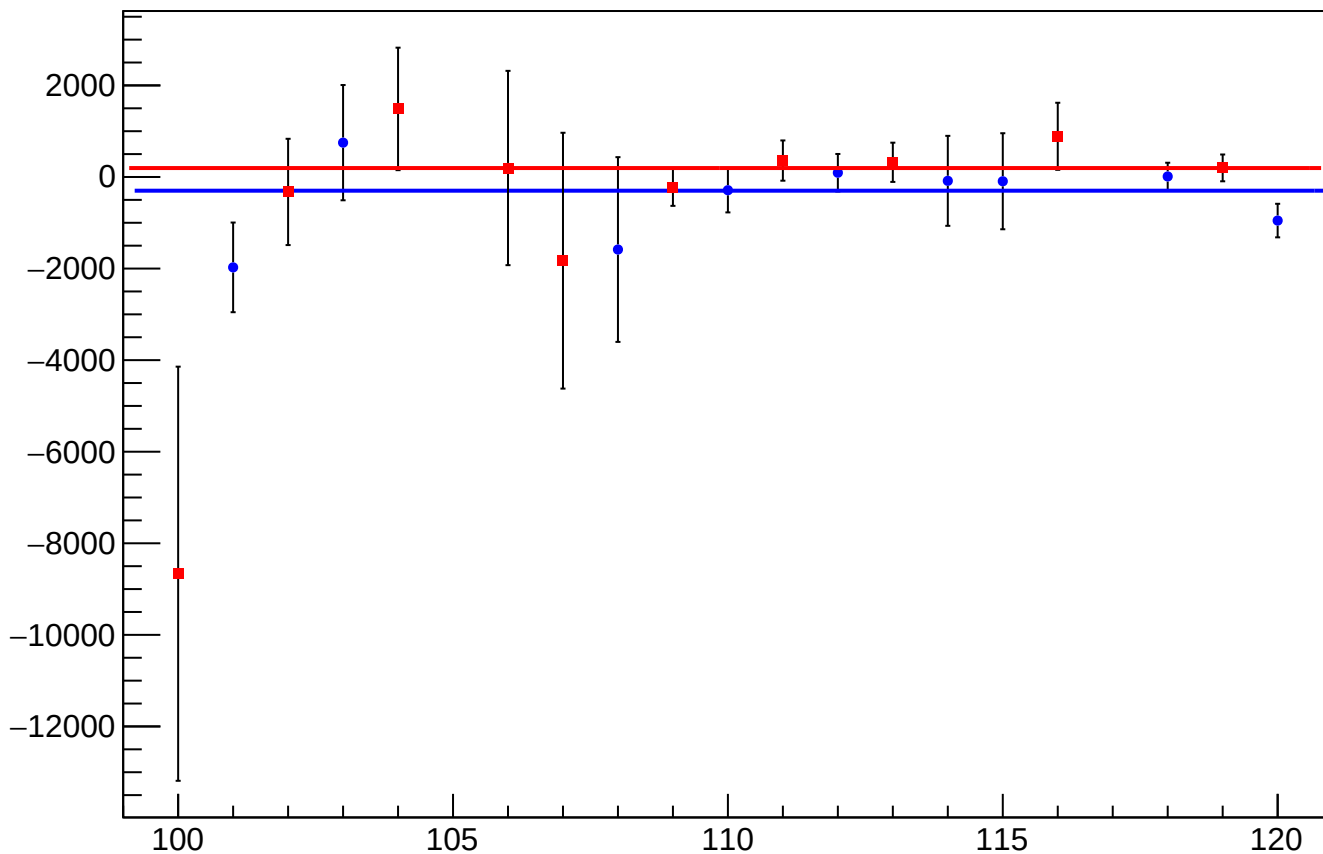
Right: 434050.086+/-112.419 χ^2/NDF : 497775.8/18

In: 422100.501+/-158.368 χ^2/NDF : 220593.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 434050.086+/-112.419 χ^2/NDF : 497775.8/18

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -299.367+/-174.965 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 195.190+/-177.156 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

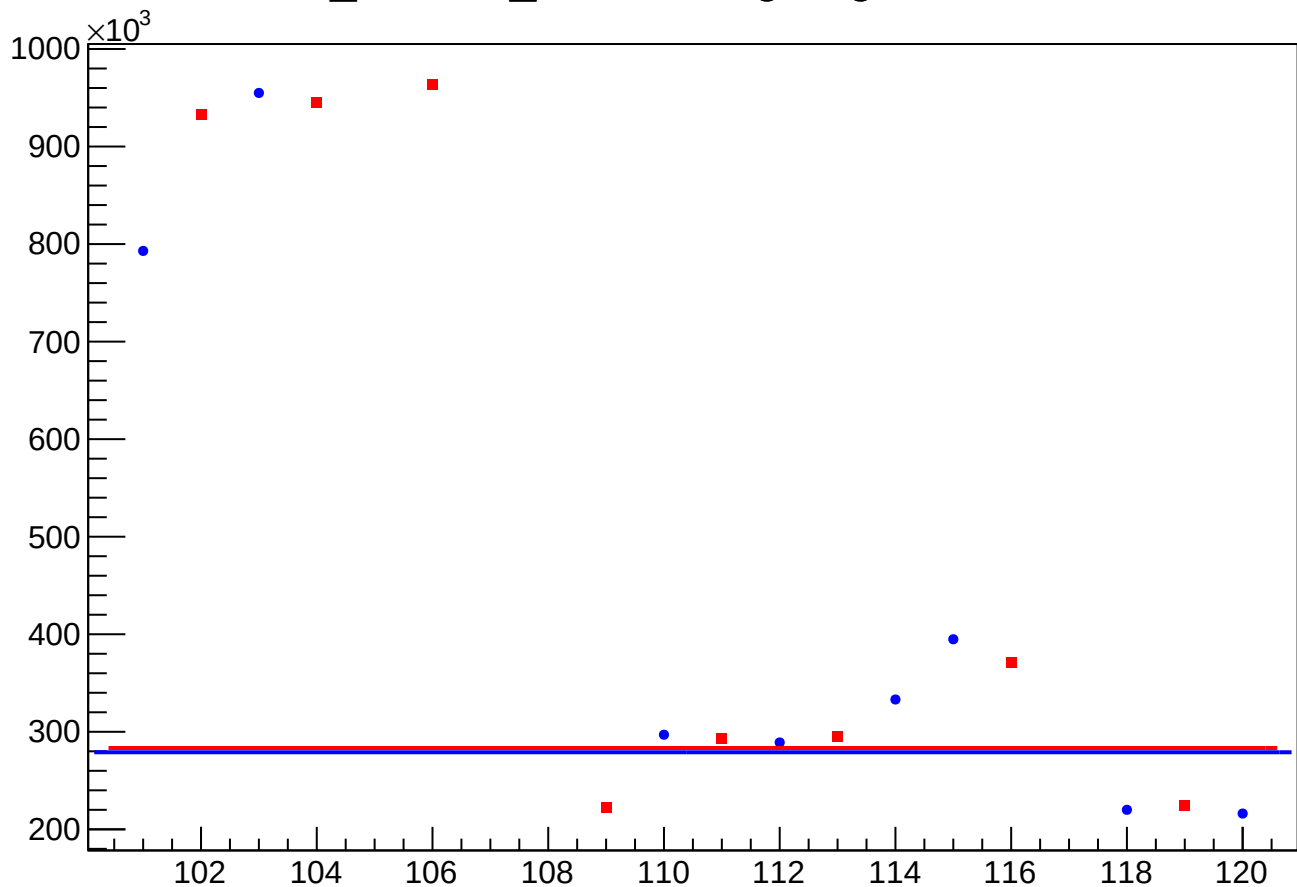
Right: -55.165+/-124.486 χ^2/NDF : 20.9/18

In: -299.367+/-174.965 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

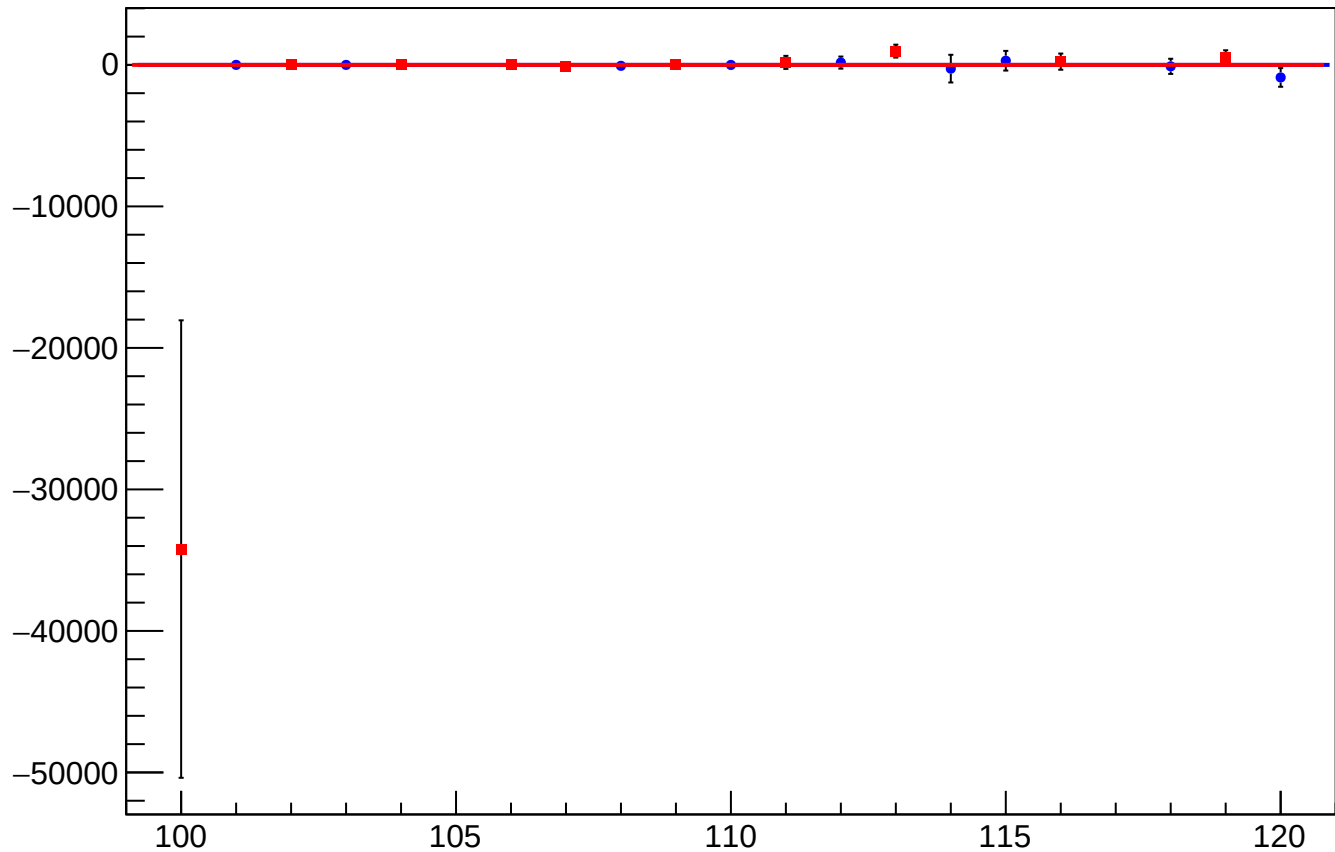
All: -55.165+/-124.486 χ^2/NDF : 20.9/18

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 279008.926 $\pm$ 124.573 χ^2/NDF : 1115142.9/7
 Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right Out: 283380.839 $\pm$ 126.561 χ^2/NDF : 1172749.1/7
 Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 279008.926 $\pm$ 124.573 χ^2/NDF : 1115142.9/7
 Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: 281160.270 $\pm$ 88.781 χ^2/NDF : 2288498.1/15

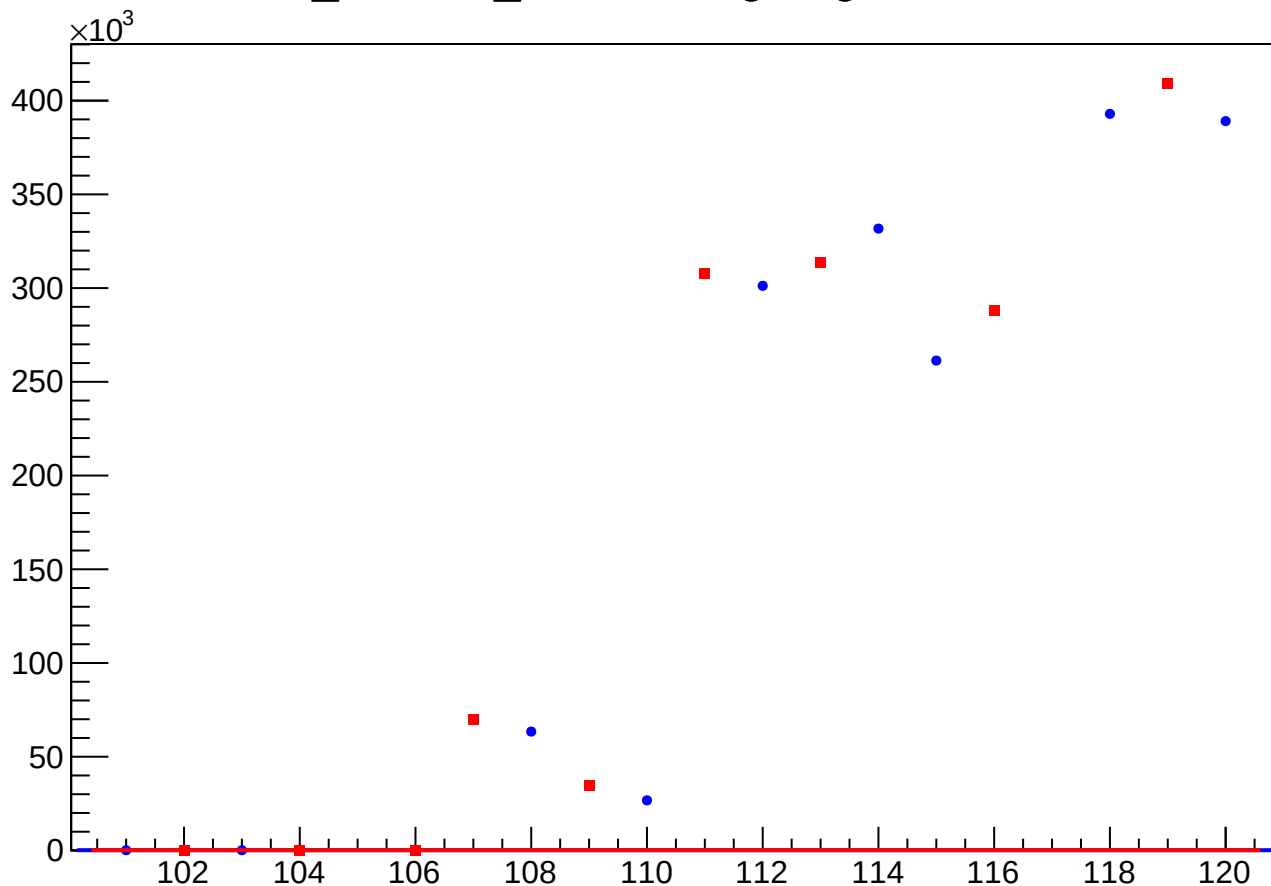
diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.035 ± 0.172 χ^2/NDF : 3.3/8
Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
Right Out: 0.355 ± 0.160 χ^2/NDF : 11.0/9
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
Right: 0.174 ± 0.117 χ^2/NDF : 17.1/18
In: -0.035 ± 0.172 χ^2/NDF : 3.3/8
Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
All: 0.174 ± 0.117 χ^2/NDF : 17.1/18

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 148.763 $\pm$ 0.122 χ^2/NDF : 4335911.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 149.127 $\pm$ 0.113 χ^2/NDF : 4616680.8/8

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

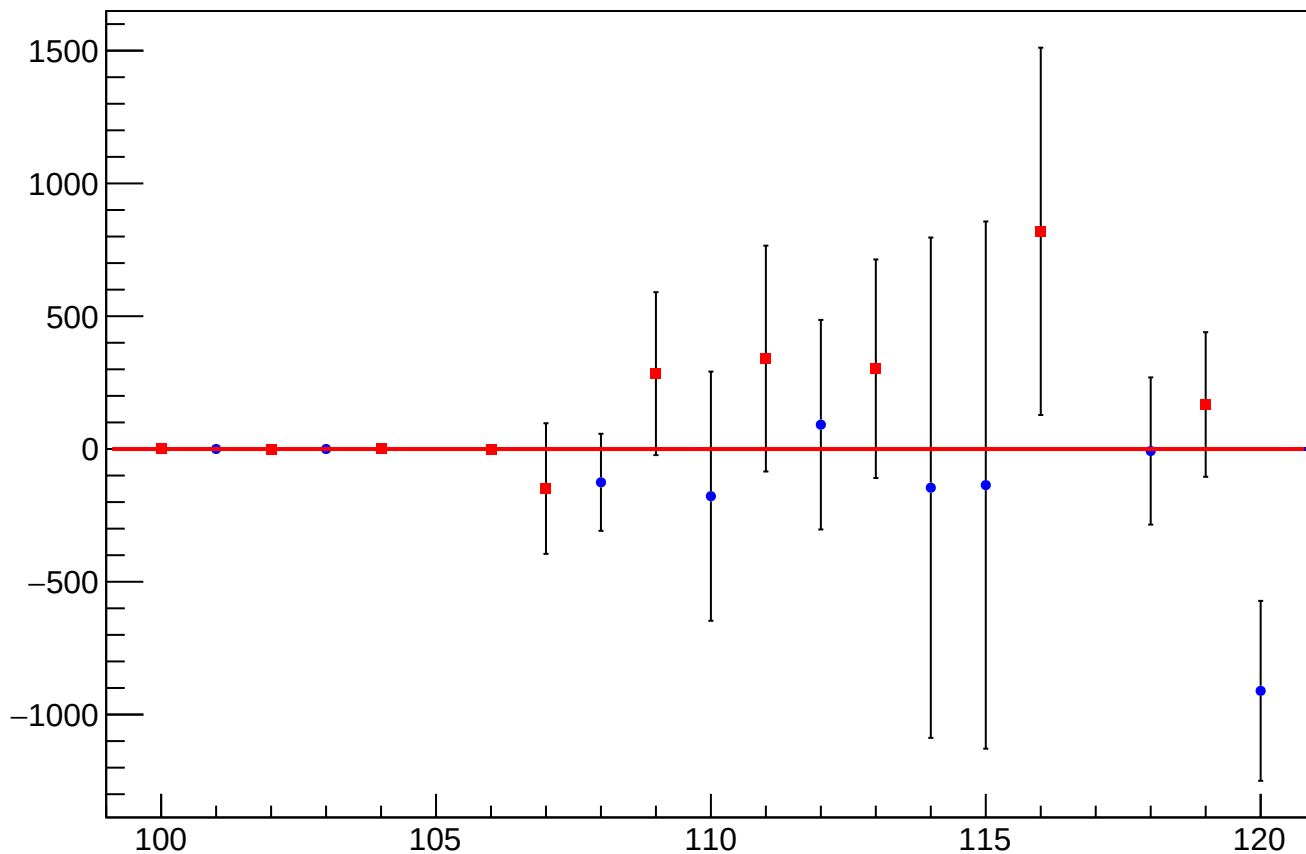
Right: 148.958 $\pm$ 0.083 χ^2/NDF : 8952597.1/17

In: 148.763 $\pm$ 0.122 χ^2/NDF : 4335911.5/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 148.958 $\pm$ 0.083 χ^2/NDF : 8952597.1/17

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: -0.068+/-0.177 χ^2/NDF : 8.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.125+/-0.166 χ^2/NDF : 4.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

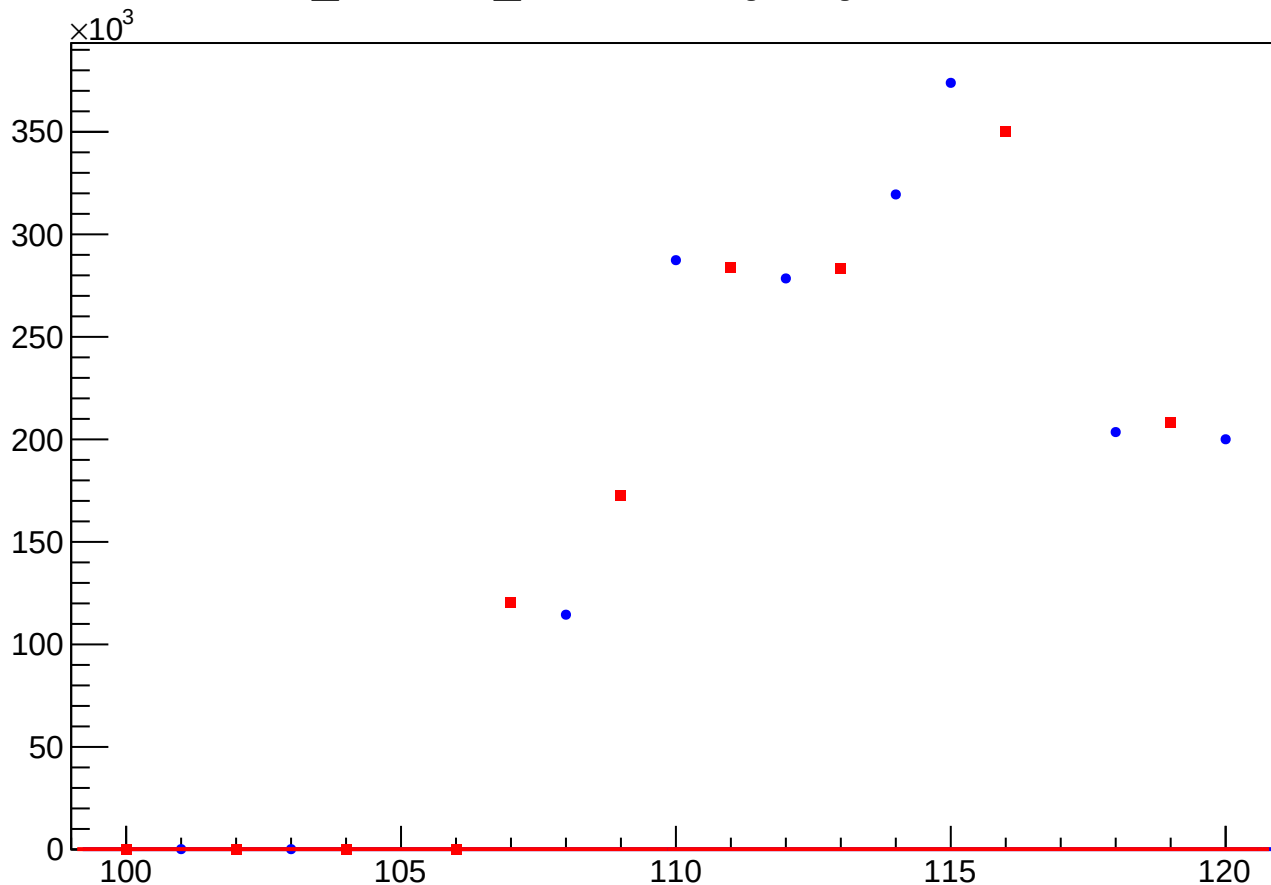
Right: -0.099+/-0.121 χ^2/NDF : 12.5/18

In: -0.068+/-0.177 χ^2/NDF : 8.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.099+/-0.121 χ^2/NDF : 12.5/18

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 152.880 $\pm$ 0.125 χ^2/NDF : 4816694.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 155.647 $\pm$ 0.118 χ^2/NDF : 4619666.5/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

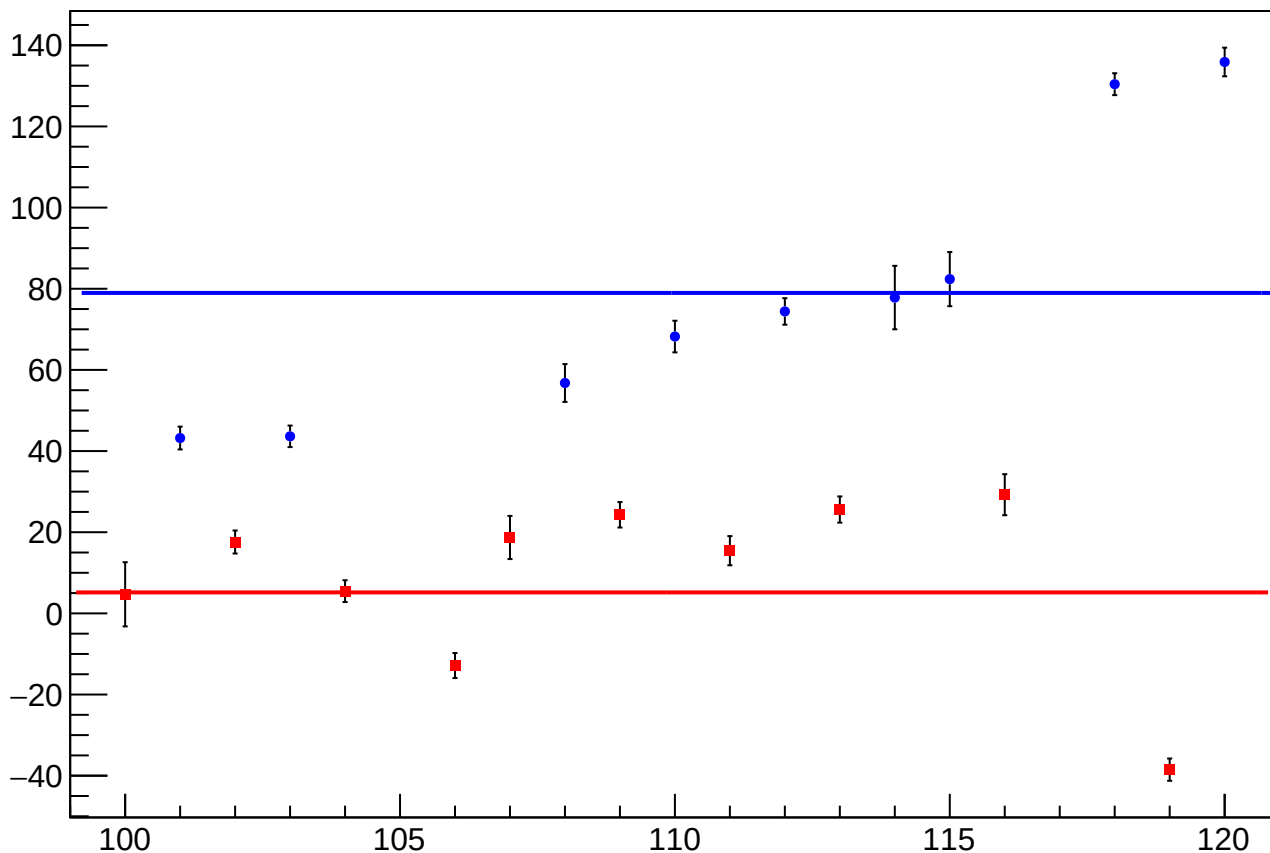
Right: 154.350 $\pm$ 0.086 χ^2/NDF : 9436619.9/18

In: 152.880 $\pm$ 0.125 χ^2/NDF : 4816694.4/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 154.350 $\pm$ 0.086 χ^2/NDF : 9436619.9/18

diff_bpm0i01X_mean vs Slug, Sign Corrected



Right In: 78.971+/-1.170 χ^2/NDF : 996.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.170+/-1.074 χ^2/NDF : 421.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

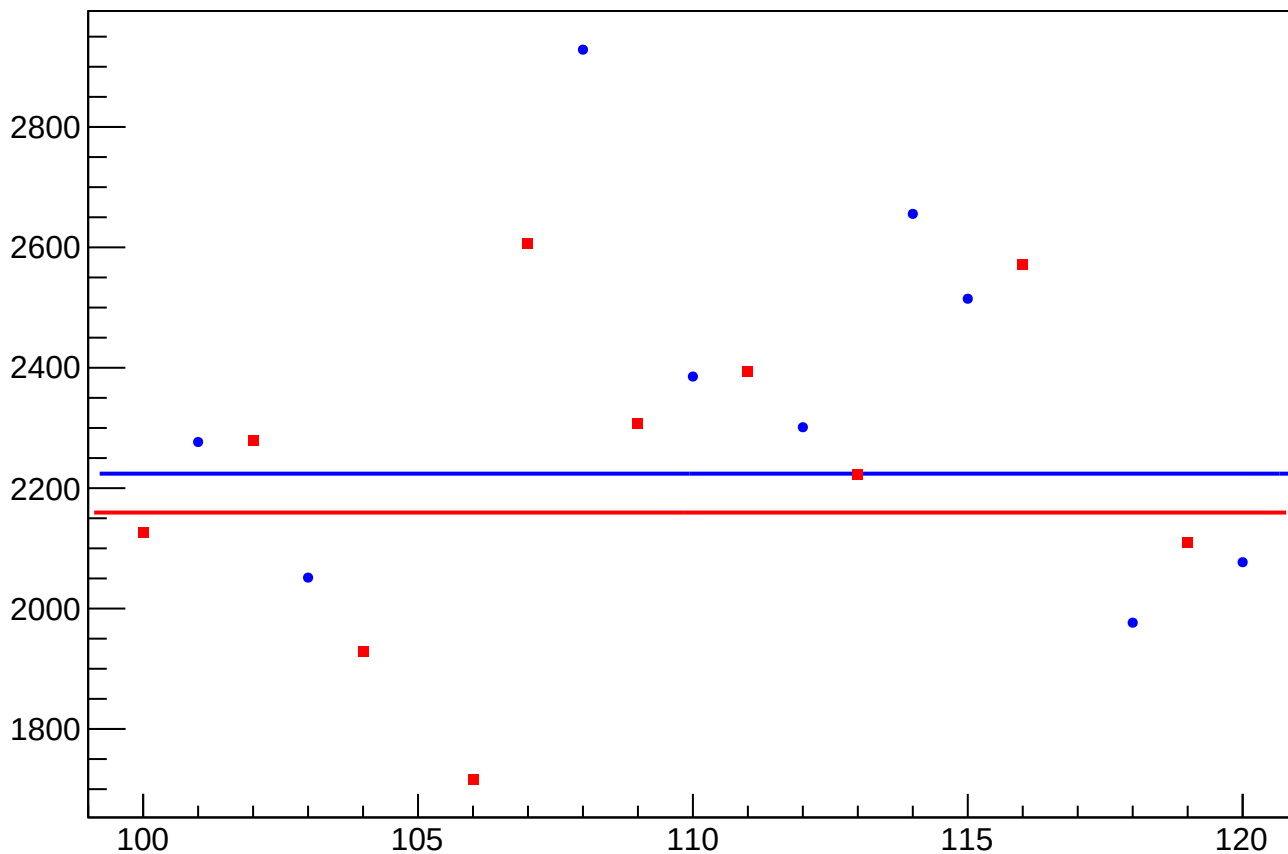
Right: 38.937+/-0.791 χ^2/NDF : 3577.5/18

In: 78.971+/-1.170 χ^2/NDF : 996.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.937+/-0.791 χ^2/NDF : 3577.5/18

diff_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 2224.085+/-0.827 χ^2/NDF : 89574.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2159.483+/-0.759 χ^2/NDF : 101746.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

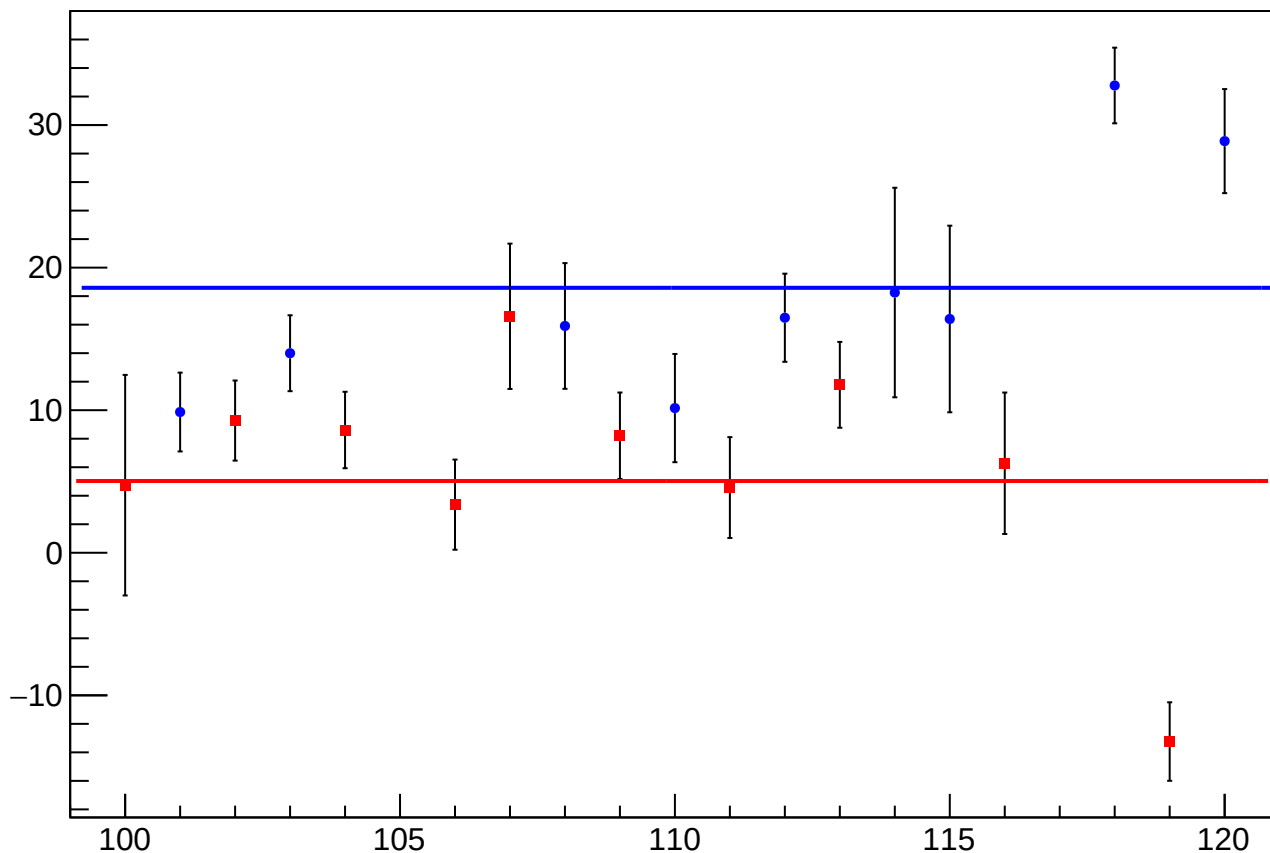
Right: 2189.041+/-0.559 χ^2/NDF : 194631.1/18

In: 2224.085+/-0.827 χ^2/NDF : 89574.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2189.041+/-0.559 χ^2/NDF : 194631.1/18

diff_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: 18.585+/-1.150 χ^2/NDF : 55.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.035+/-1.058 χ^2/NDF : 59.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

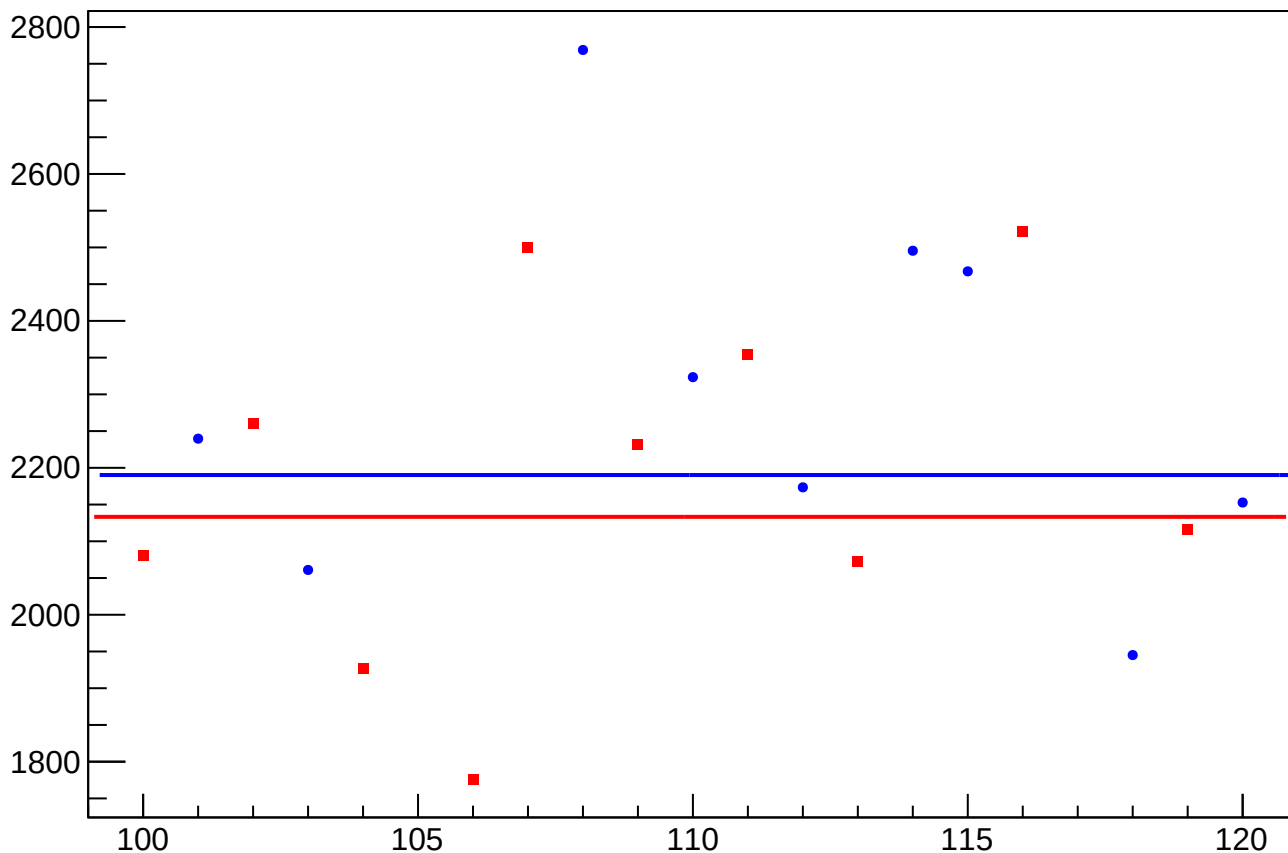
Right: 11.250+/-0.779 χ^2/NDF : 190.2/18

In: 18.585+/-1.150 χ^2/NDF : 55.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.250+/-0.779 χ^2/NDF : 190.2/18

diff_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 2190.210+/-0.813 χ^2/NDF : 66632.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2133.262+/-0.748 χ^2/NDF : 75072.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

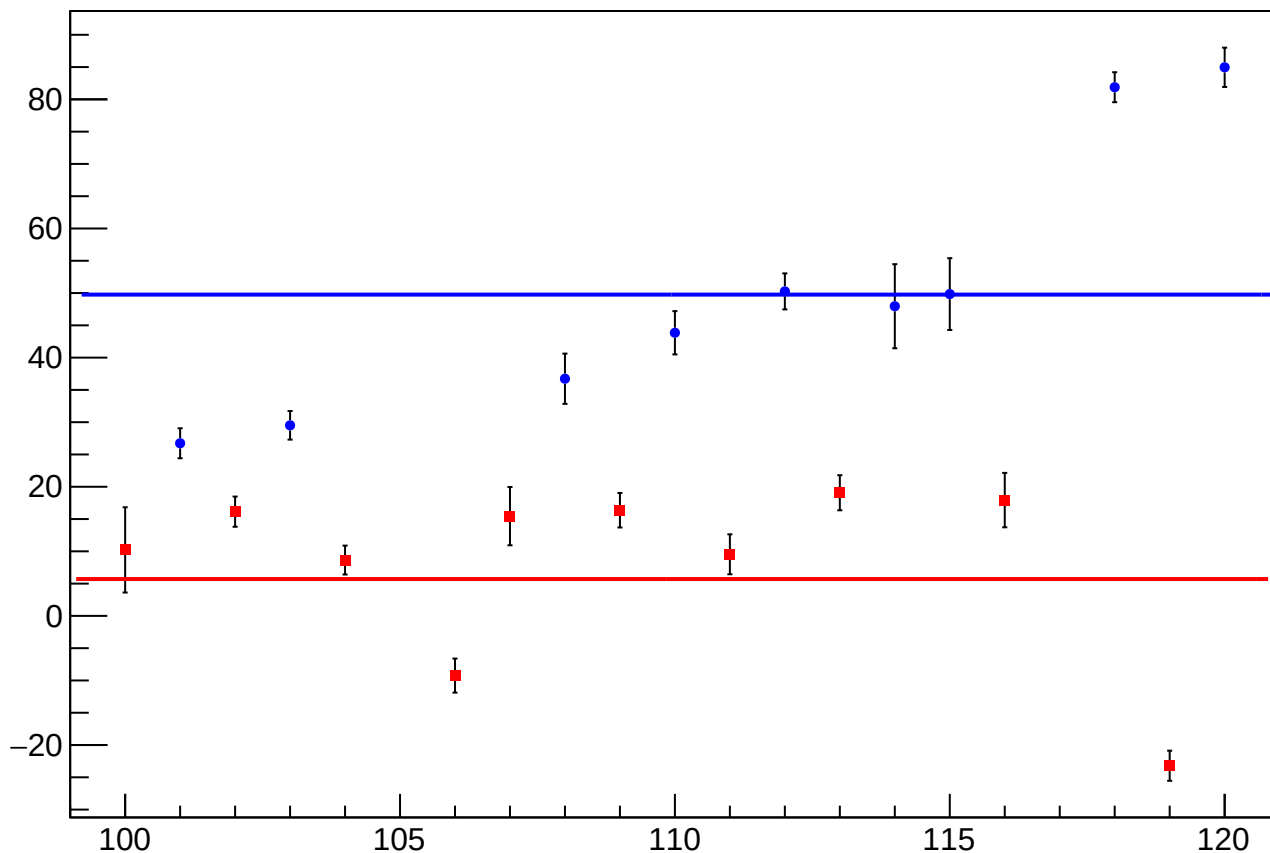
Right: 2159.382+/-0.551 χ^2/NDF : 144360.5/18

In: 2190.210+/-0.813 χ^2/NDF : 66632.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2159.382+/-0.551 χ^2/NDF : 144360.5/18

diff_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: 49.759+/-0.989 χ^2/NDF : 521.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.708+/-0.906 χ^2/NDF : 262.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

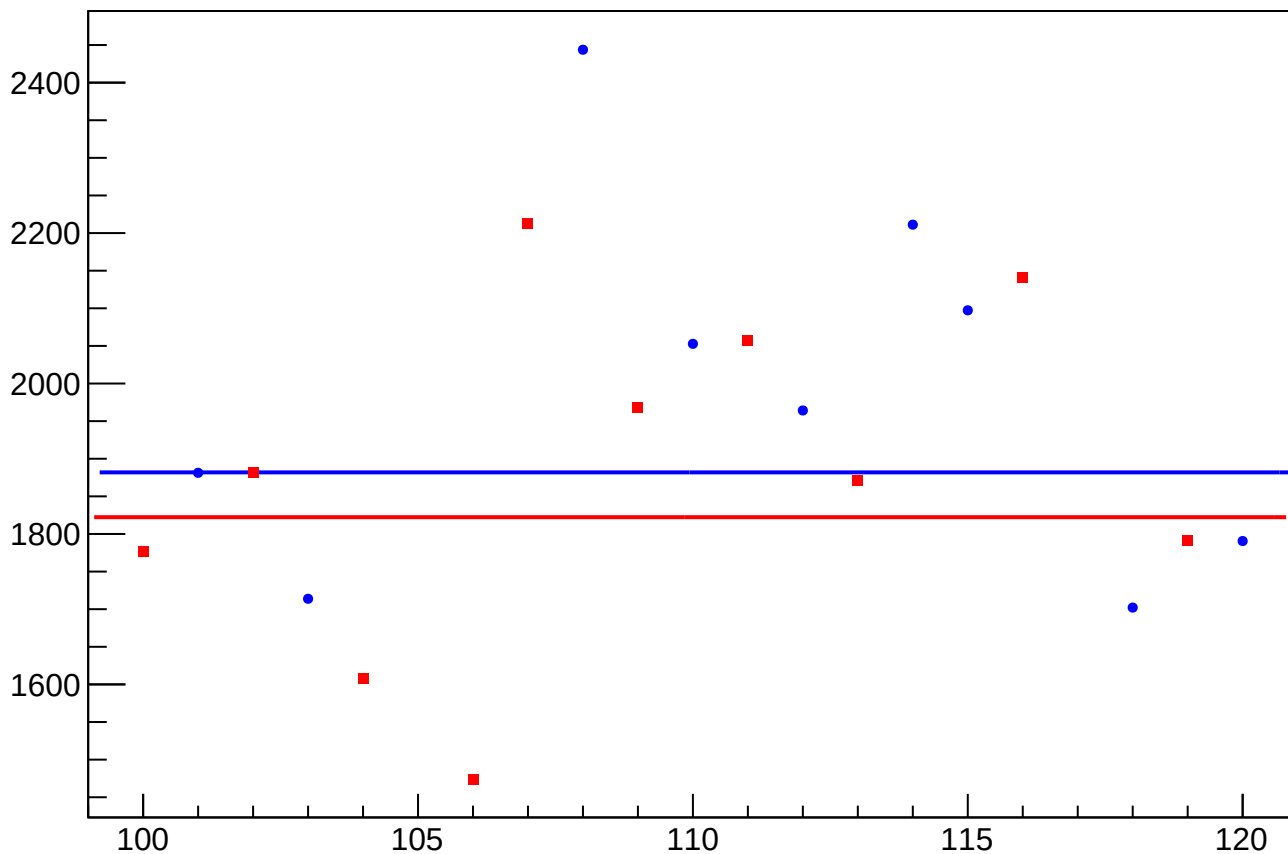
Right: 25.811+/-0.668 χ^2/NDF : 1863.0/18

In: 49.759+/-0.989 χ^2/NDF : 521.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.811+/-0.668 χ^2/NDF : 1863.0/18

diff_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 1881.876 $\pm$ 0.699 χ^2/NDF : 82060.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1822.324 $\pm$ 0.641 χ^2/NDF : 99639.3/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

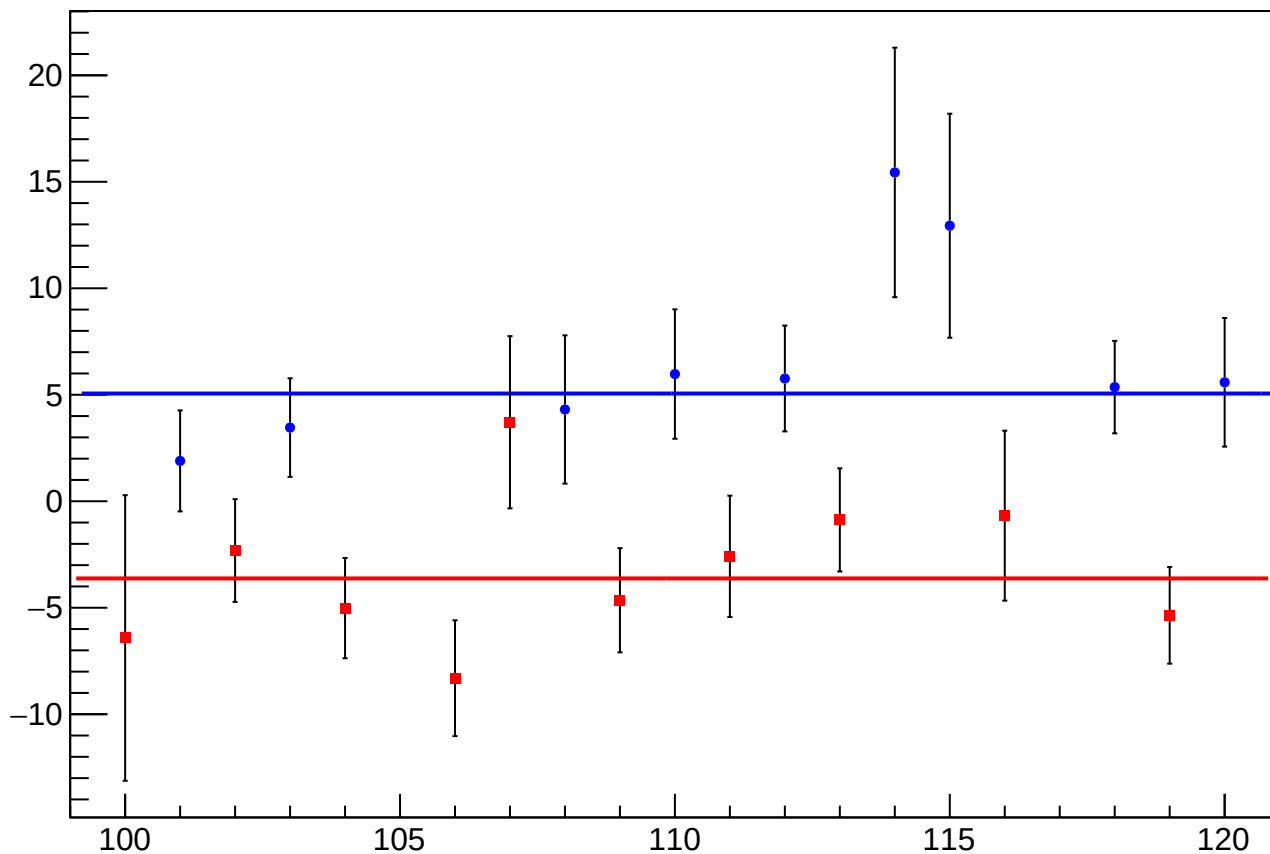
Right: 1849.501 $\pm$ 0.472 χ^2/NDF : 185642.3/18

In: 1881.876 $\pm$ 0.699 χ^2/NDF : 82060.1/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1849.501 $\pm$ 0.472 χ^2/NDF : 185642.3/18

diff_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 5.058+/-0.952 χ^2/NDF : 7.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.624+/-0.881 χ^2/NDF : 9.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

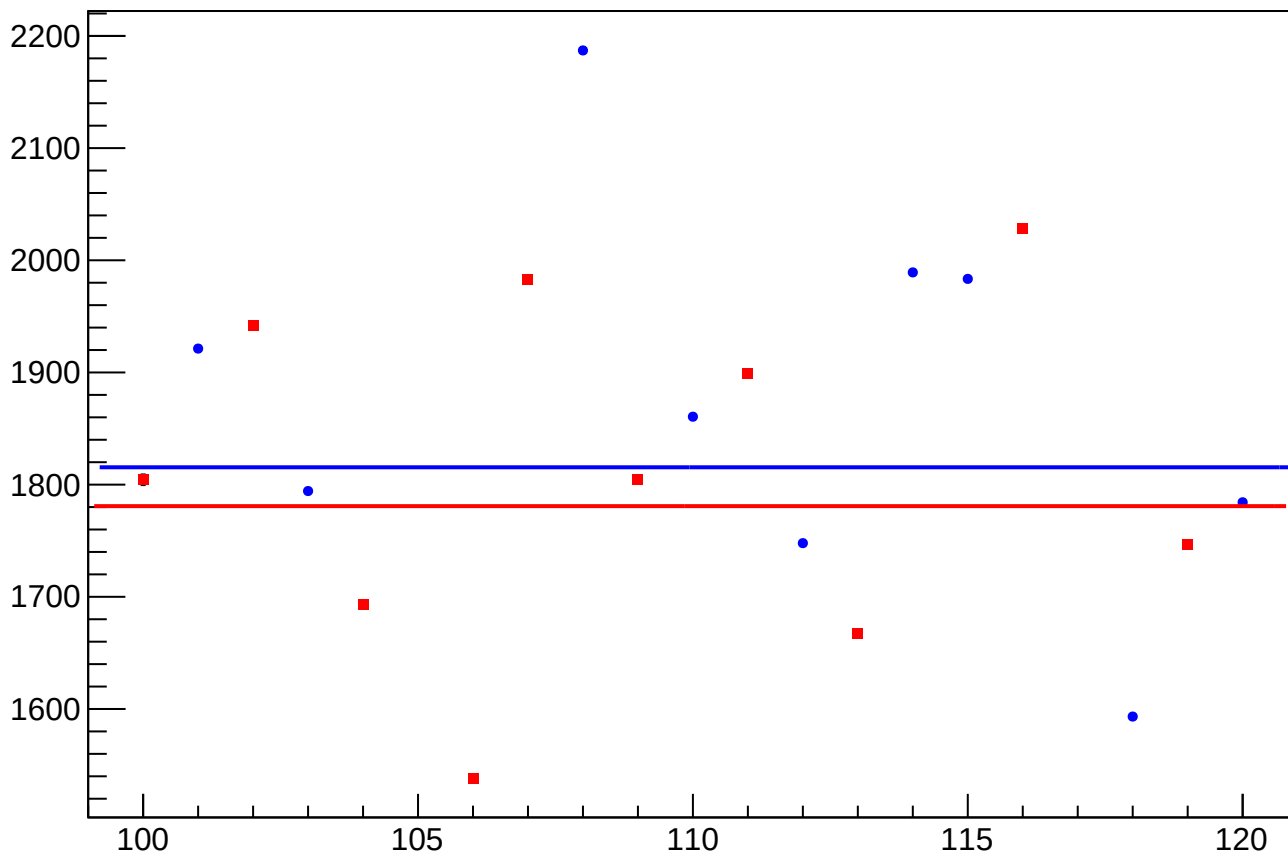
Right: 0.383+/-0.646 χ^2/NDF : 62.5/18

In: 5.058+/-0.952 χ^2/NDF : 7.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.383+/-0.646 χ^2/NDF : 62.5/18

diff_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 1815.469+/-0.673 χ^2/NDF : 53827.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1780.832+/-0.623 χ^2/NDF : 48789.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

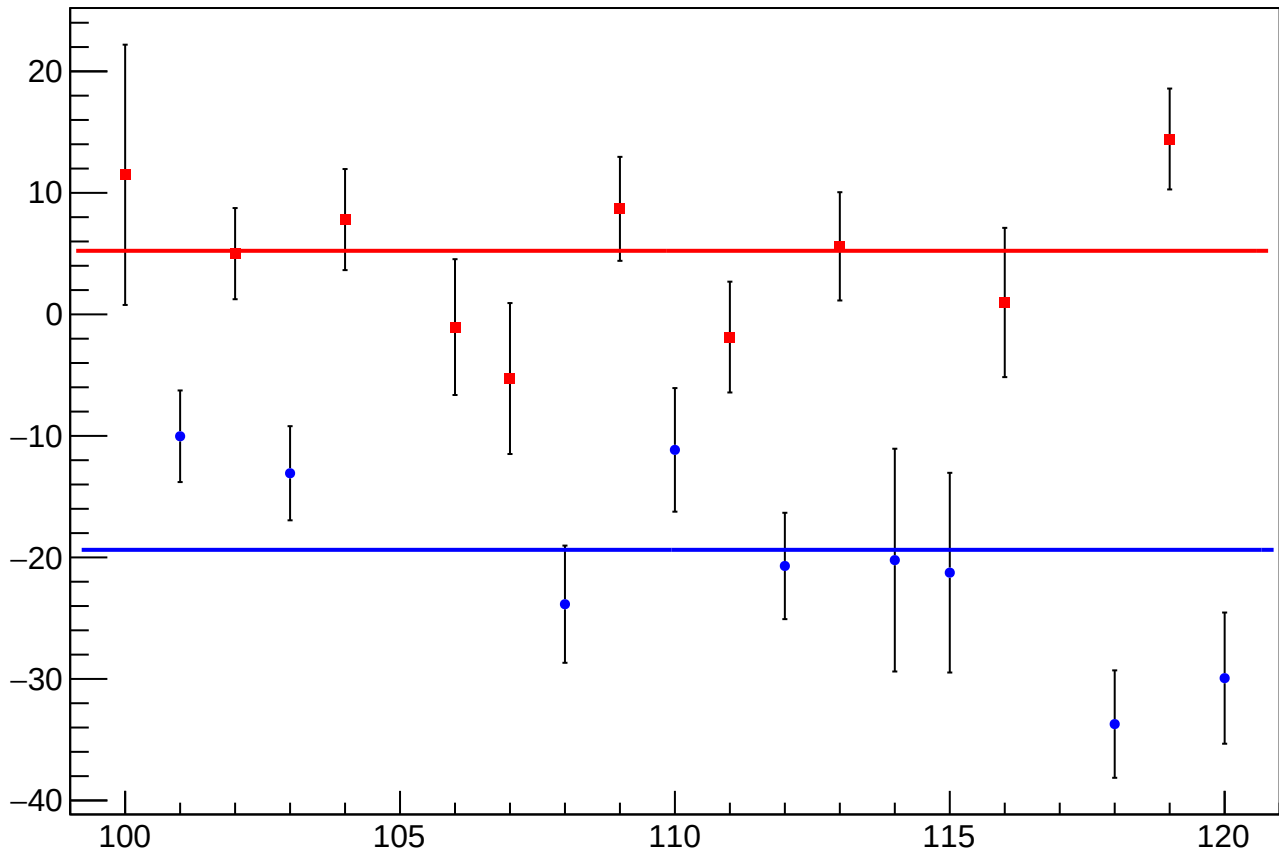
Right: 1796.816+/-0.457 χ^2/NDF : 104044.3/18

In: 1815.469+/-0.673 χ^2/NDF : 53827.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1796.816+/-0.457 χ^2/NDF : 104044.3/18

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -19.376 $\pm$ 1.616 χ^2/NDF : 26.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 5.232 $\pm$ 1.519 χ^2/NDF : 13.3/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

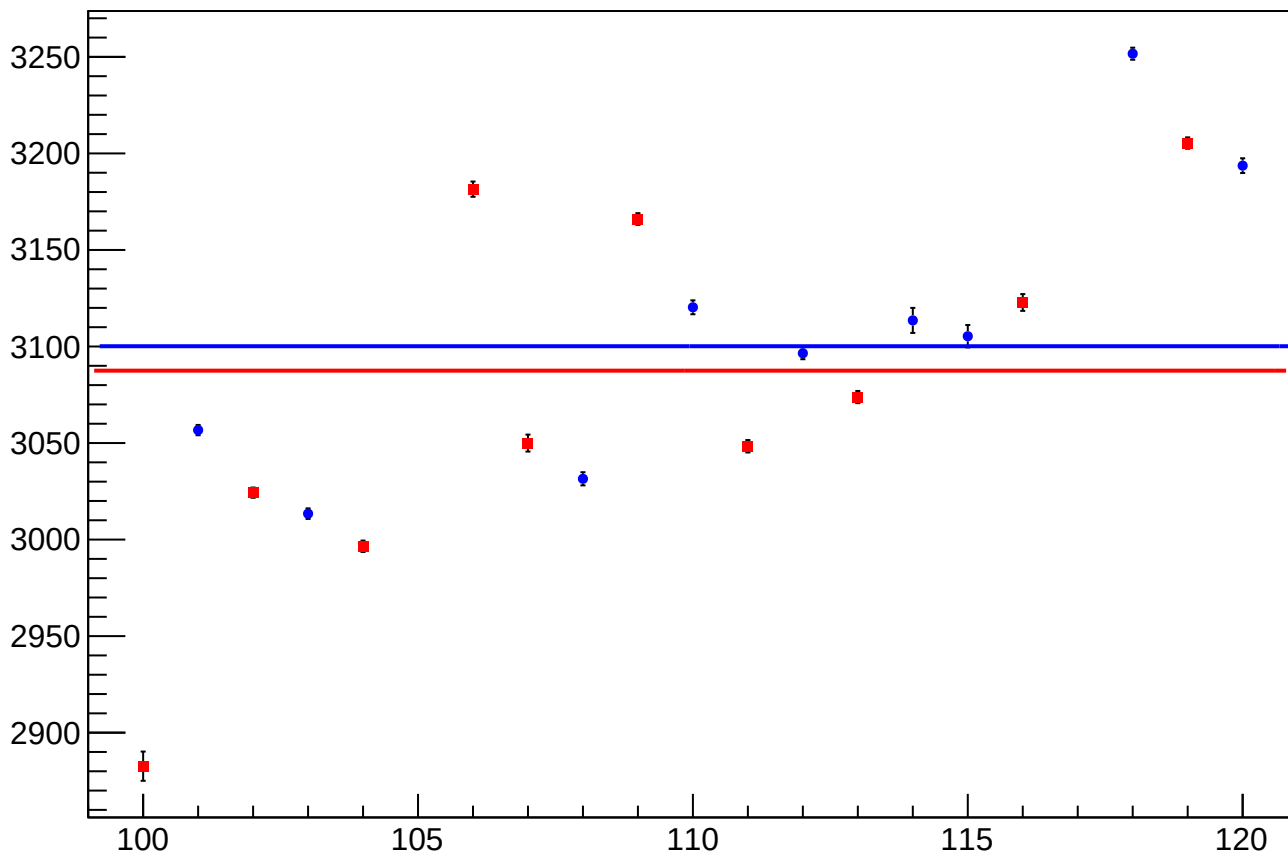
Right: -6.317 $\pm$ 1.107 χ^2/NDF : 163.2/18

In: -19.376 $\pm$ 1.616 χ^2/NDF : 26.8/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -6.317 $\pm$ 1.107 χ^2/NDF : 163.2/18

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3100.142 $\pm$ 1.142 χ^2 /NDF: 4660.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3087.491 $\pm$ 1.074 χ^2 /NDF: 5413.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

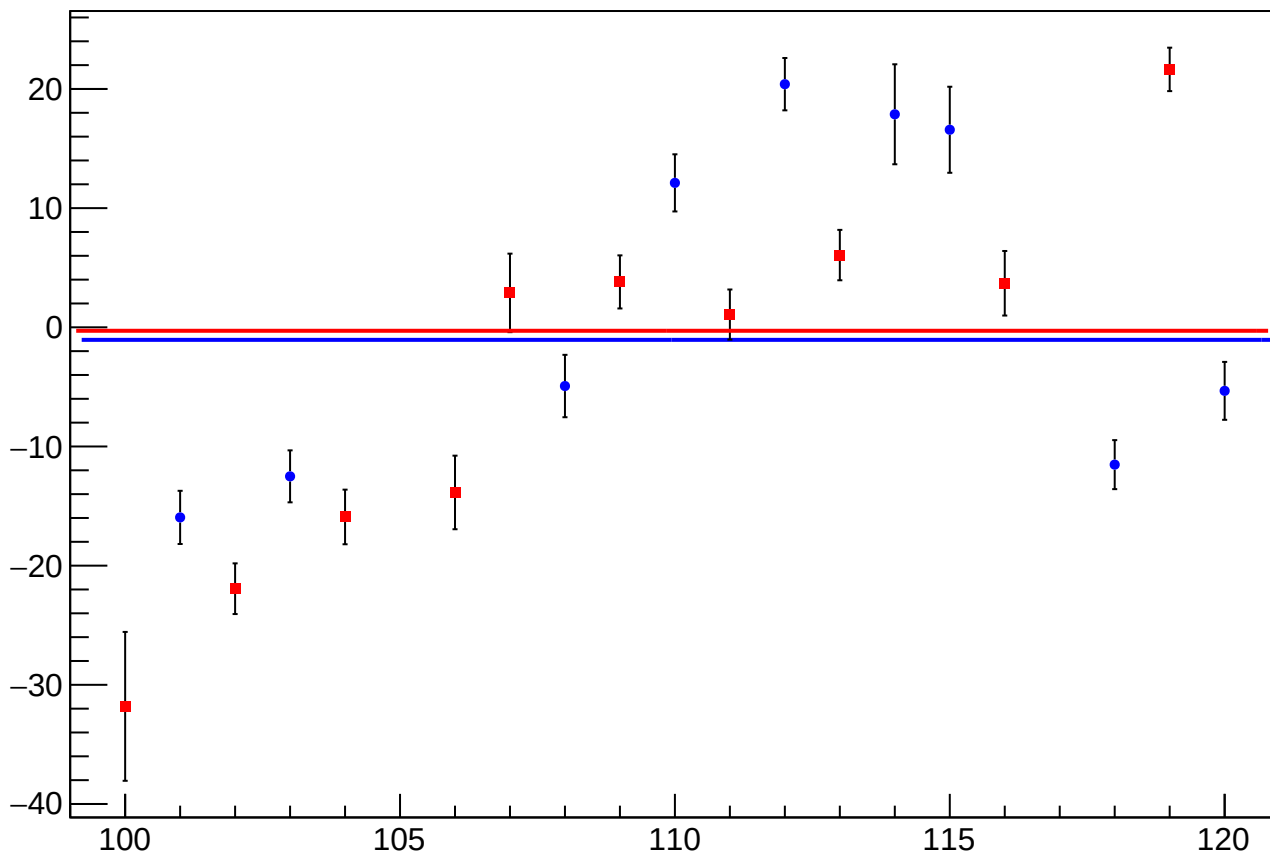
Right: 3093.428 $\pm$ 0.783 χ^2 /NDF: 10139.5/18

In: 3100.142 $\pm$ 1.142 χ^2 /NDF:4660.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3093.428 $\pm$ 0.783 χ^2 /NDF: 10139.5/18

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -1.053+/-0.823 χ^2/NDF : 273.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.291+/-0.762 χ^2/NDF : 355.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

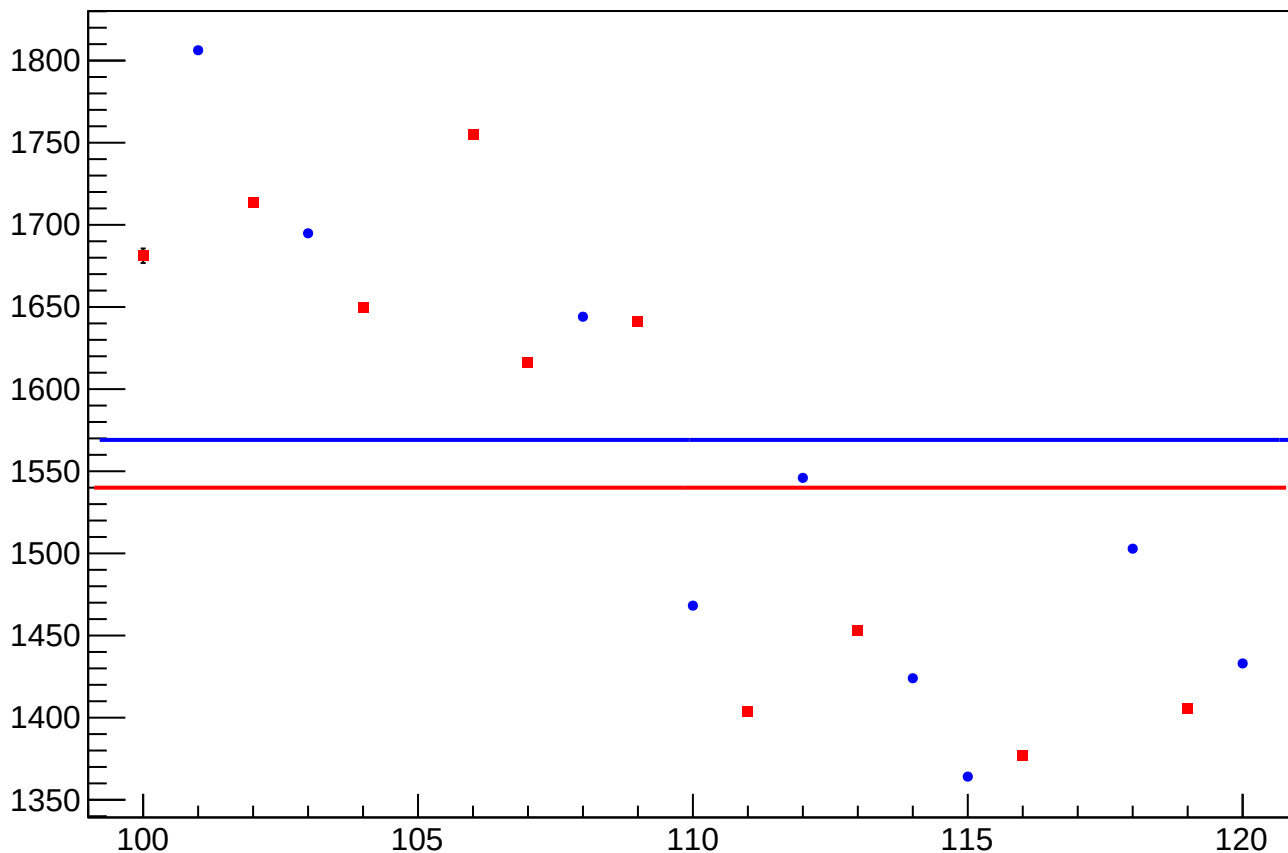
Right: -0.643+/-0.559 χ^2/NDF : 629.2/18

In: -1.053+/-0.823 χ^2/NDF :273.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.643+/-0.559 χ^2/NDF : 629.2/18

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1569.091+/-0.582 χ^2/NDF : 51839.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1539.999+/-0.539 χ^2/NDF : 63788.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

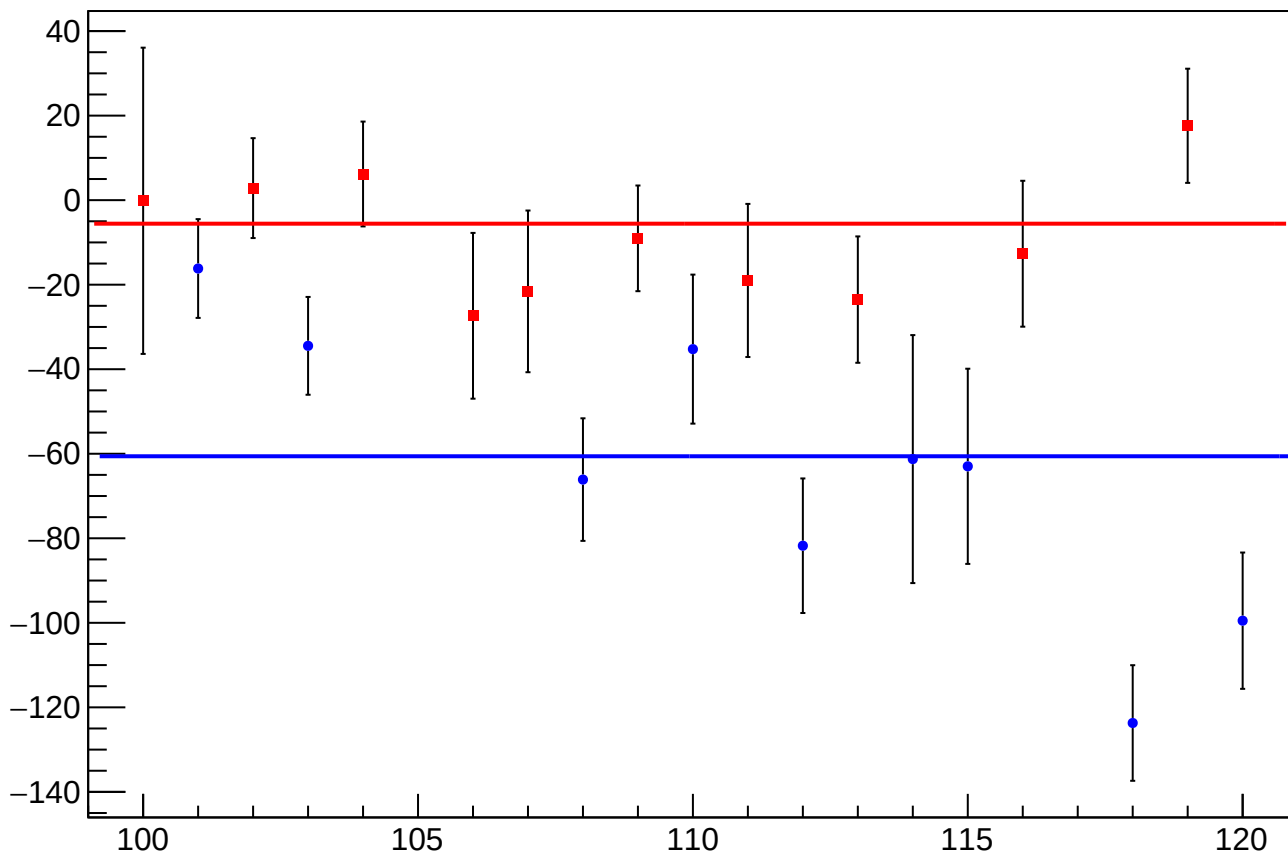
Right: 1553.431+/-0.395 χ^2/NDF : 116974.7/18

In: 1569.091+/-0.582 χ^2/NDF : 51839.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1553.431+/-0.395 χ^2/NDF : 116974.7/18

diff_bpm0l02X_mean vs Slug, Sign Corrected



Right In: -60.595+/-5.067 χ^2/NDF : 50.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.568+/-4.850 χ^2/NDF : 8.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

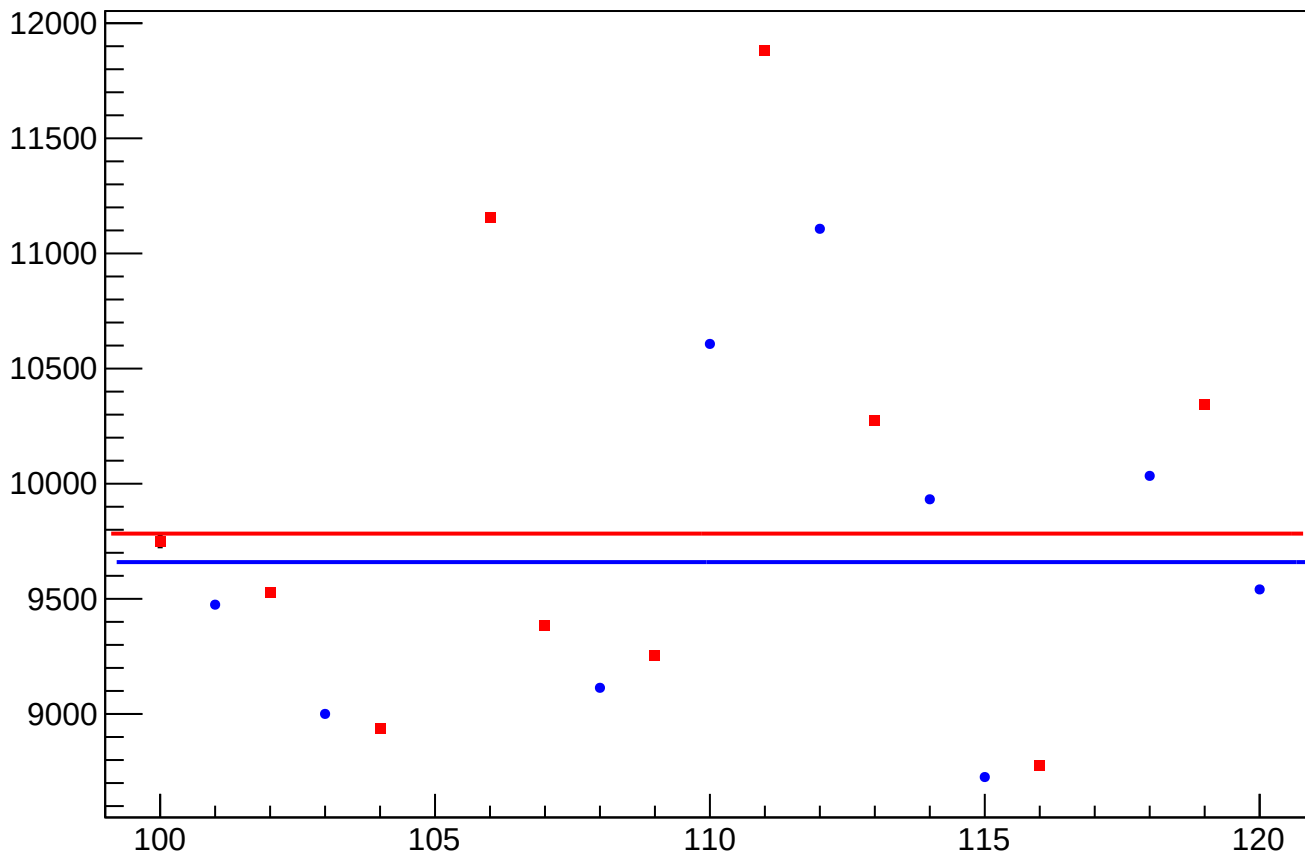
Right: -31.875+/-3.504 χ^2/NDF : 120.8/18

In: -60.595+/-5.067 χ^2/NDF : 50.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.875+/-3.504 χ^2/NDF : 120.8/18

diff_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 9659.568+/-3.583 χ^2/NDF : 37194.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9783.318+/-3.429 χ^2/NDF : 63835.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

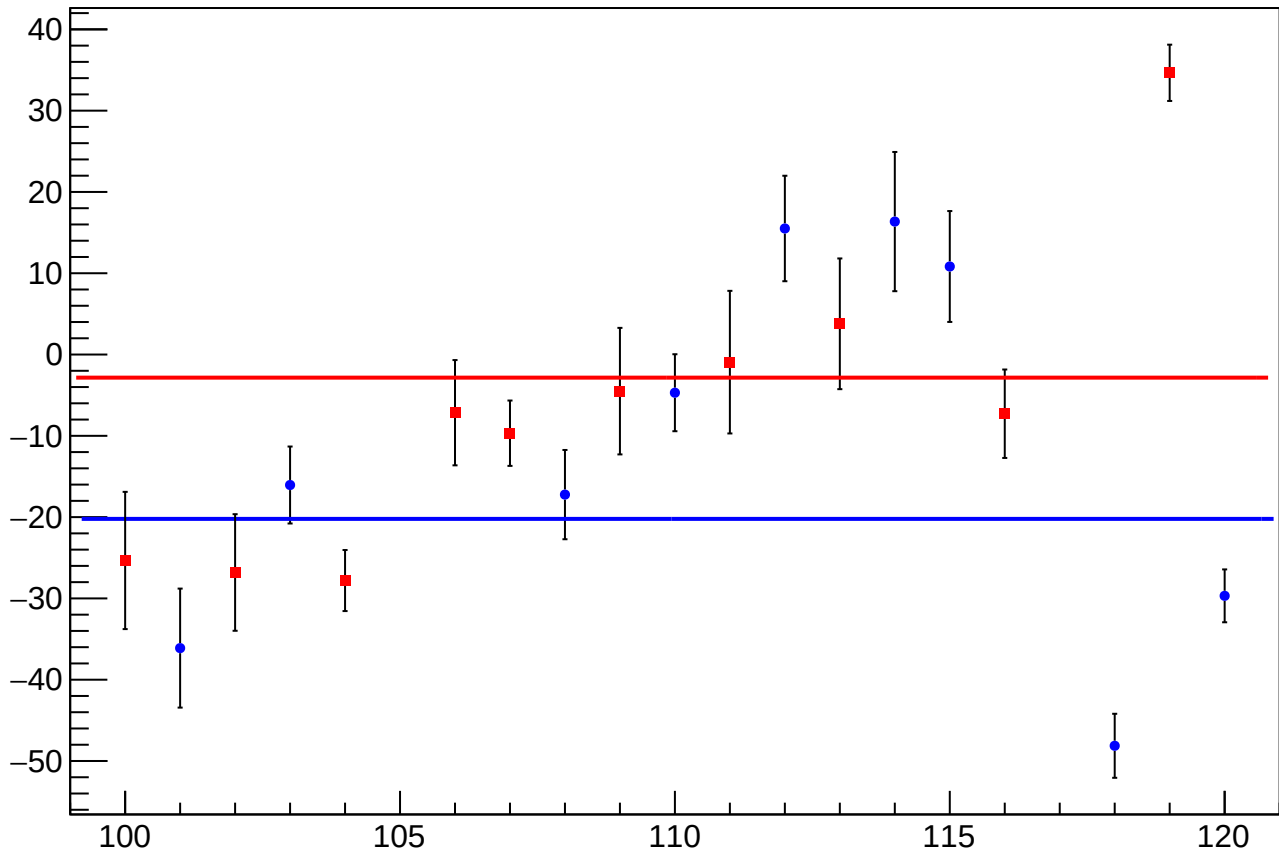
Right: 9724.157+/-2.477 χ^2/NDF : 101653.4/18

In: 9659.568+/-3.583 χ^2/NDF : 37194.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9724.157+/-2.477 χ^2/NDF : 101653.4/18

diff_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: -20.218 $\pm$ 1.669 χ^2 /NDF: 144.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.842 $\pm$ 1.685 χ^2 /NDF: 184.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

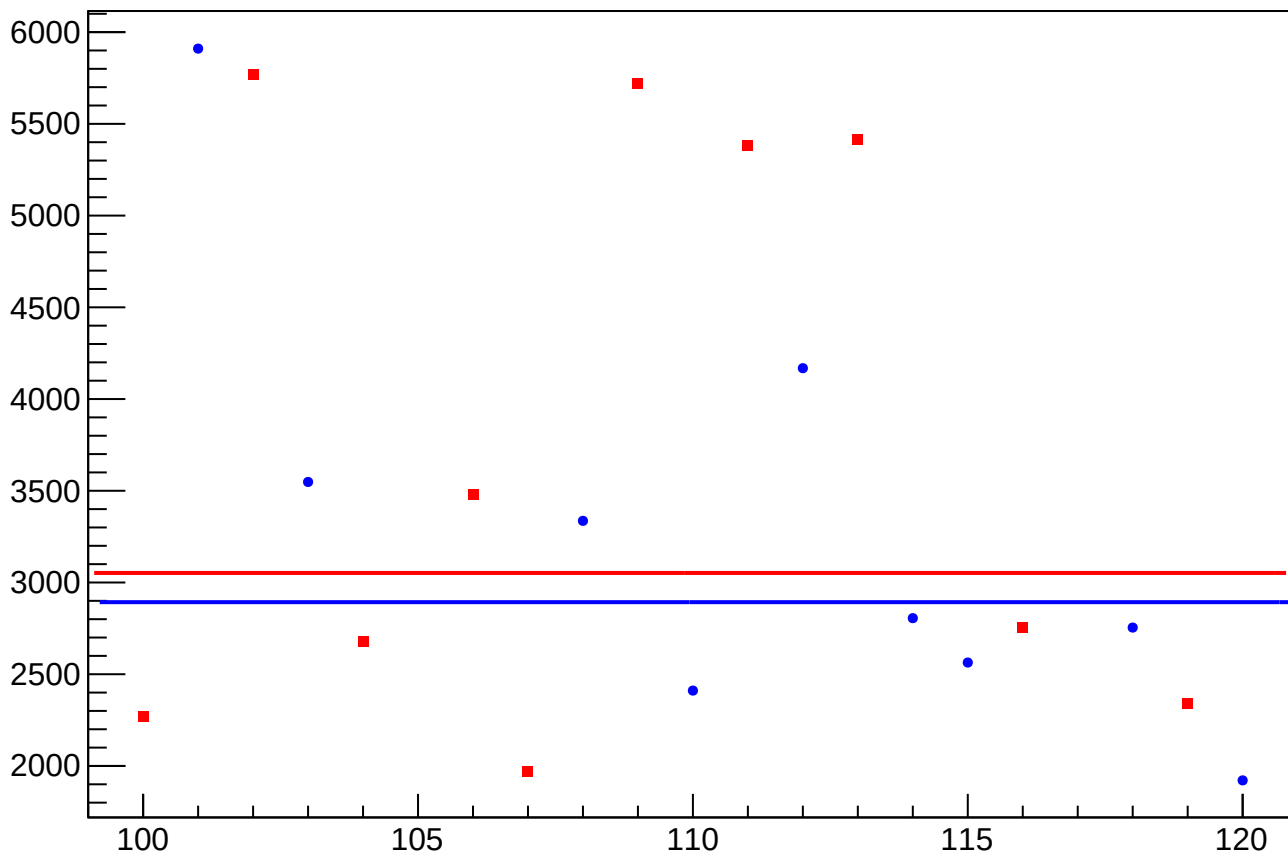
Right: -11.611 $\pm$ 1.186 χ^2 /NDF: 382.8/18

In: -20.218 $\pm$ 1.669 χ^2 /NDF:144.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -11.611 $\pm$ 1.186 χ^2 /NDF: 382.8/18

diff_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 2892.819+/-1.180 χ^2/NDF : 675062.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3052.045+/-1.191 χ^2/NDF : 1116748.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

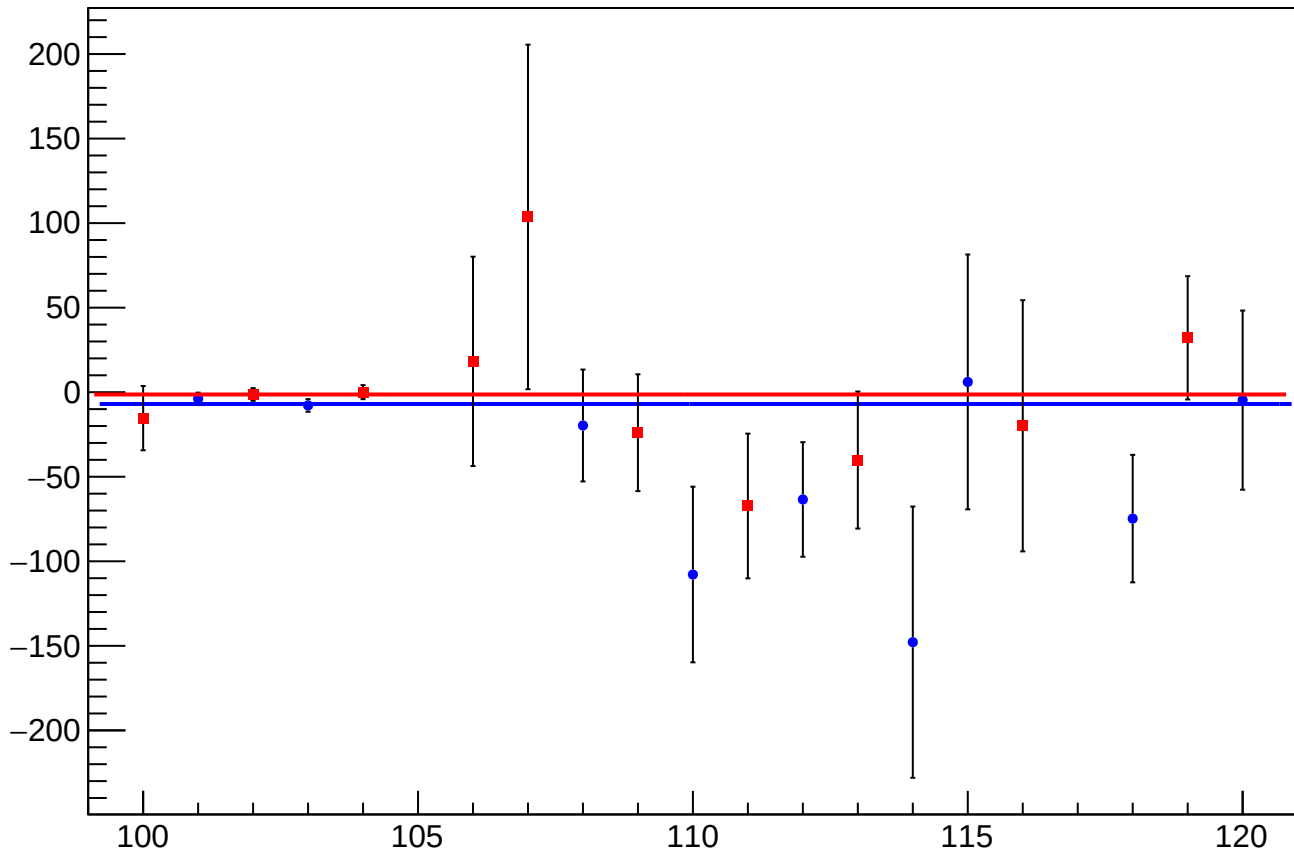
Right: 2971.686+/-0.838 χ^2/NDF : 1800829.2/18

In: 2892.819+/-1.180 χ^2/NDF : 675062.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2971.686+/-0.838 χ^2/NDF : 1800829.2/18

diff_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -6.967 $\pm$ 2.584 χ^2 /NDF: 13.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.341 $\pm$ 2.723 χ^2 /NDF: 6.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

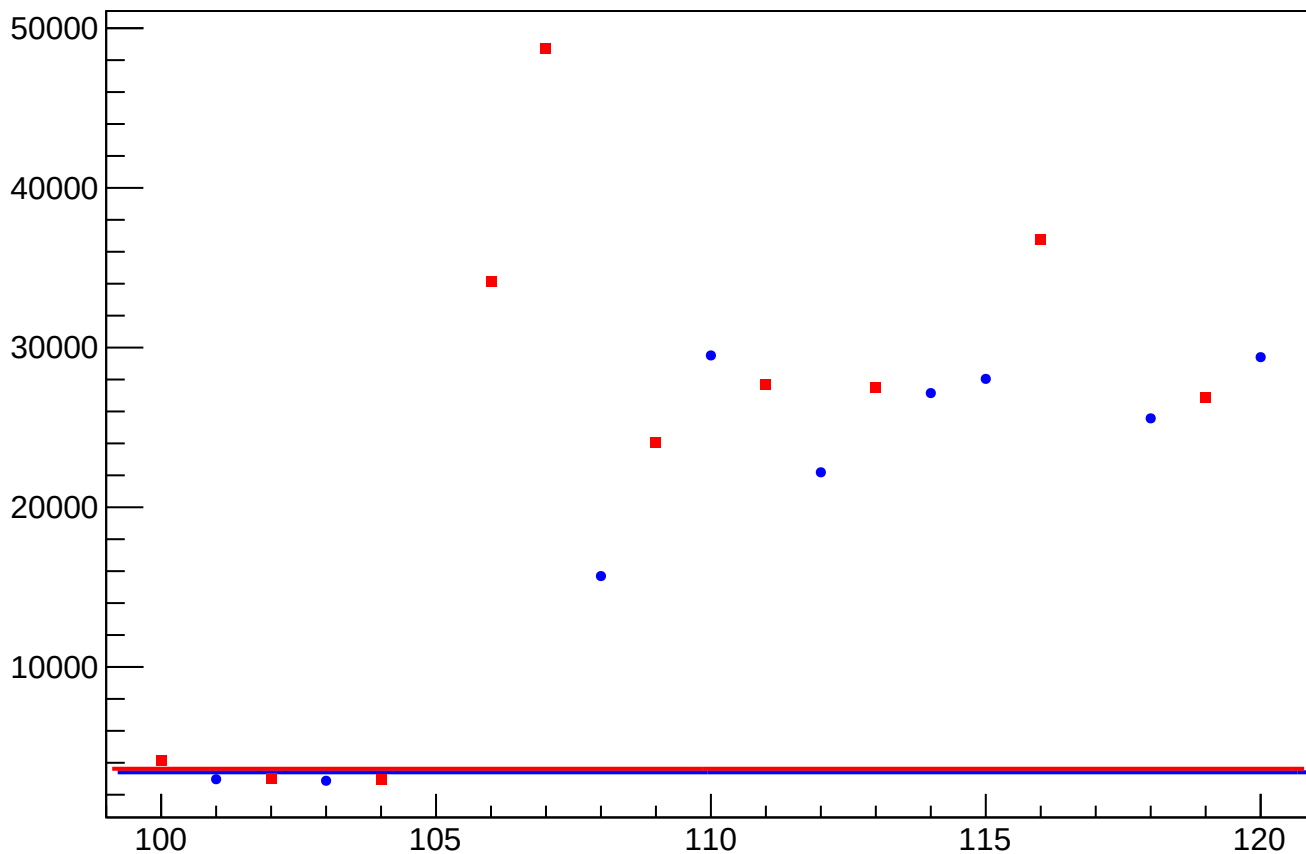
Right: -4.300 $\pm$ 1.874 χ^2 /NDF: 22.5/18

In: -6.967 $\pm$ 2.584 χ^2 /NDF:13.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.300 $\pm$ 1.874 χ^2 /NDF: 22.5/18

diff_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 3403.304+/-1.827 χ^2/NDF : 3025440.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3626.857+/-1.925 χ^2/NDF : 4221941.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

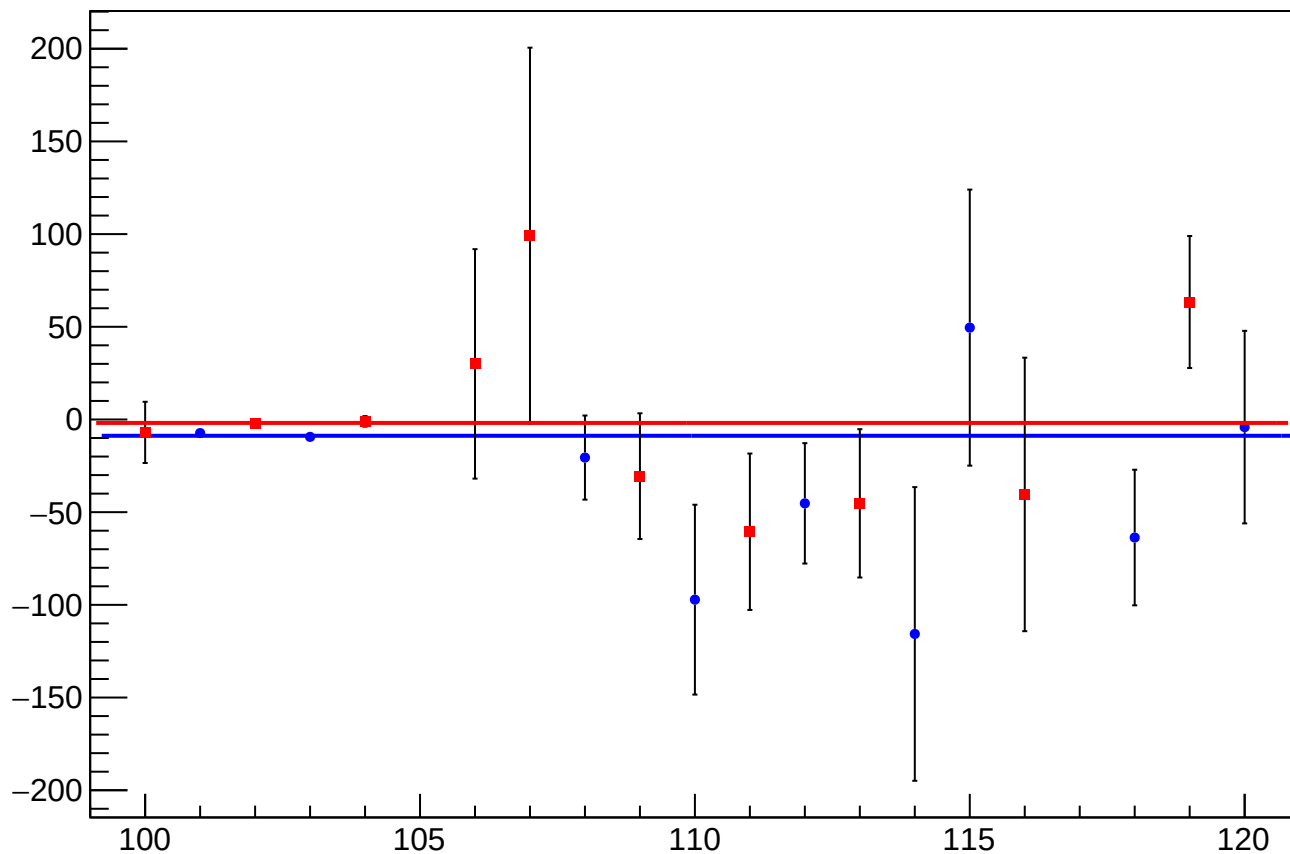
Right: 3509.264+/-1.325 χ^2/NDF : 7254476.0/18

In: 3403.304+/-1.827 χ^2/NDF : 3025440.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3509.264+/-1.325 χ^2/NDF : 7254476.0/18

diff_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: -8.792 $\pm$ 1.776 χ^2 /NDF: 9.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.860 $\pm$ 1.879 χ^2 /NDF: 8.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

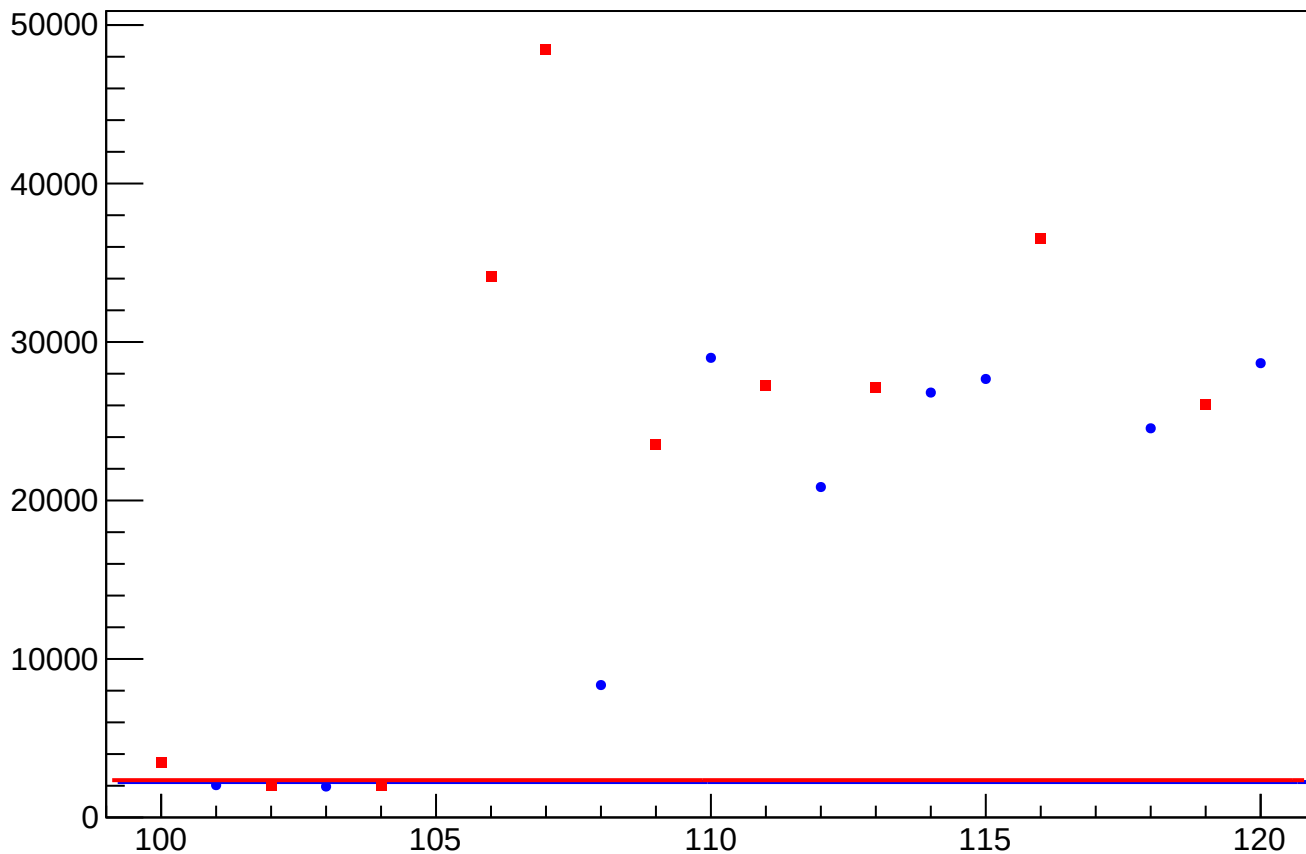
Right: -5.521 $\pm$ 1.291 χ^2 /NDF: 25.7/18

In: -8.792 $\pm$ 1.776 χ^2 /NDF:9.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.521 $\pm$ 1.291 χ^2 /NDF: 25.7/18

diff_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 2234.364+/-1.256 χ^2/NDF : 3074963.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2352.972+/-1.329 χ^2/NDF : 4569330.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

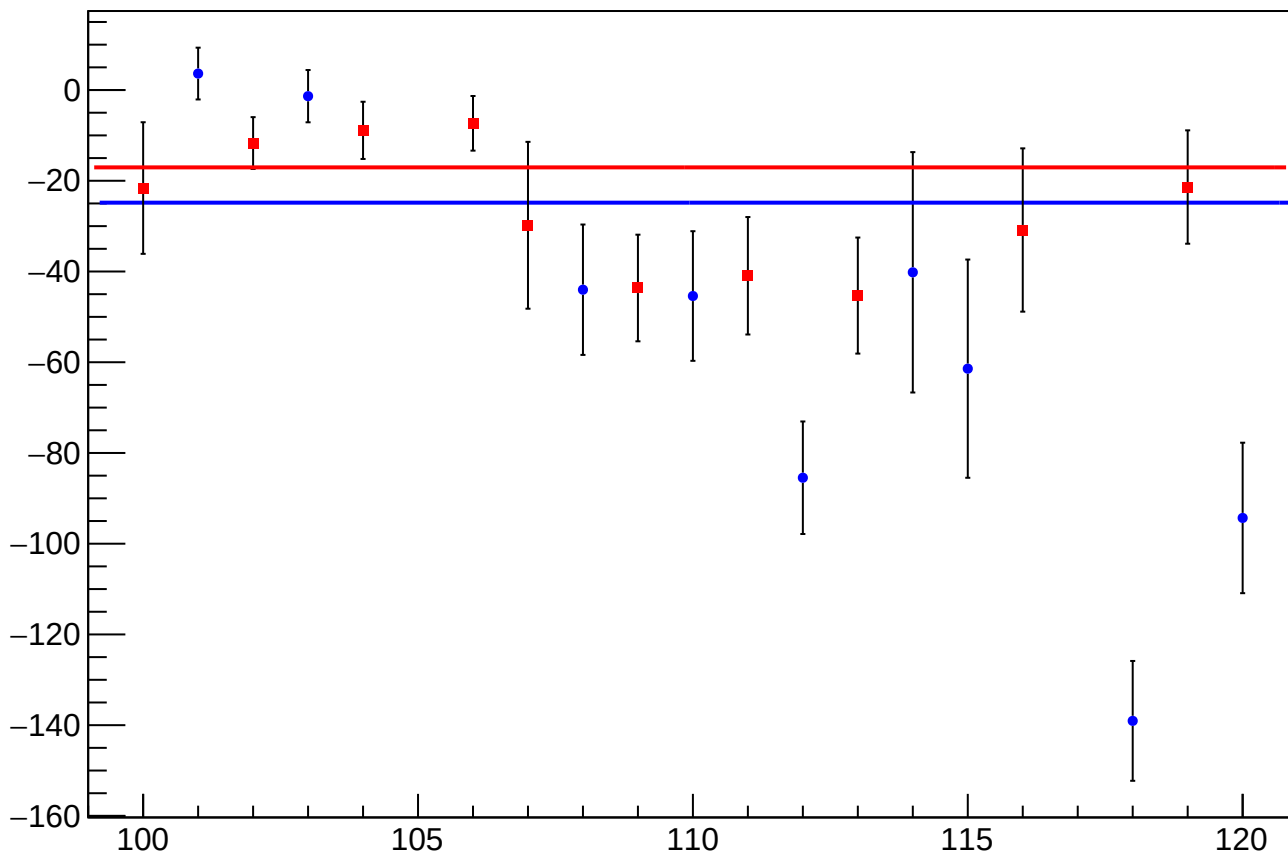
Right: 2290.328+/-0.913 χ^2/NDF : 7648502.6/18

In: 2234.364+/-1.256 χ^2/NDF : 3074963.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2290.328+/-0.913 χ^2/NDF : 7648502.6/18

diff_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -24.828 $\pm$ 3.341 χ^2 /NDF: 164.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -17.049 $\pm$ 2.888 χ^2 /NDF: 19.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

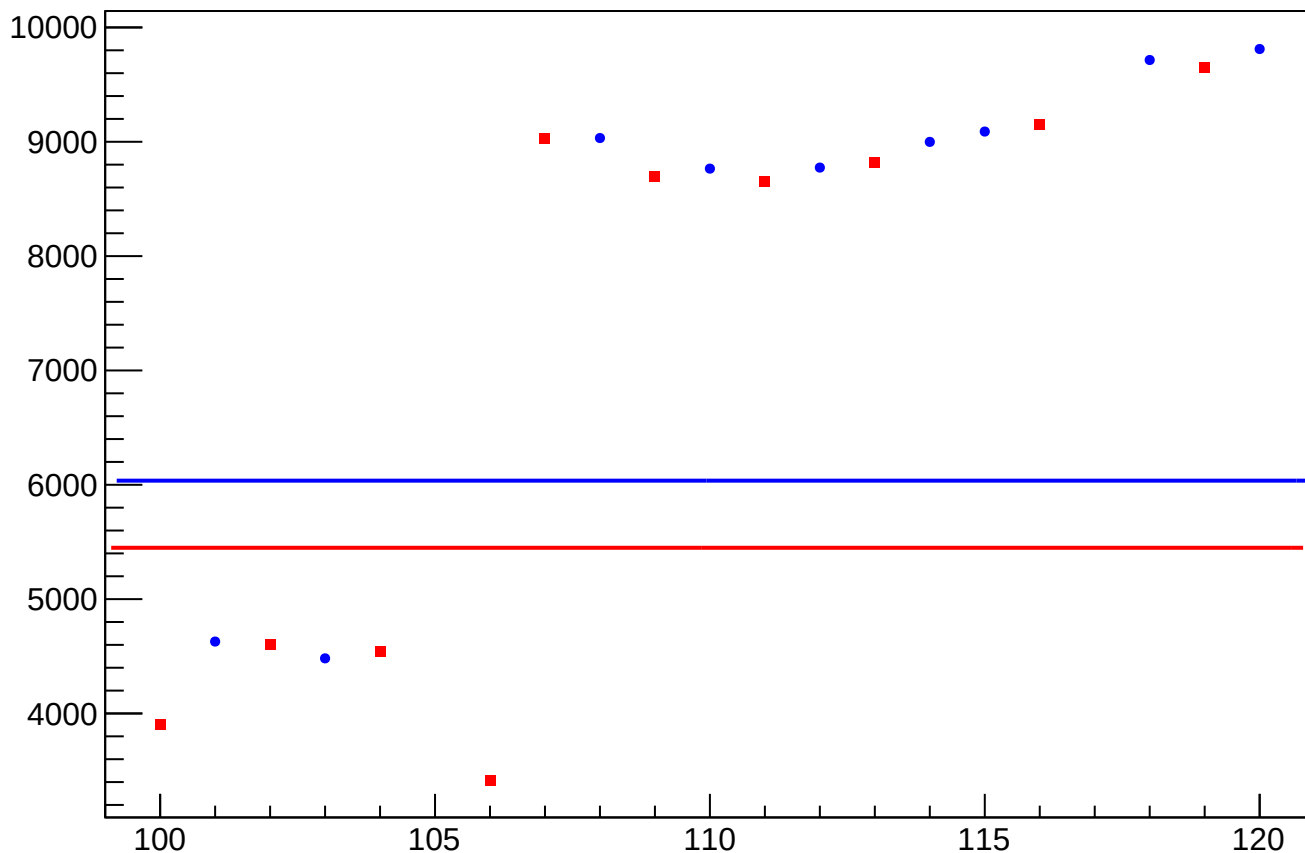
Right: -20.375 $\pm$ 2.185 χ^2 /NDF: 187.2/18

In: -24.828 $\pm$ 3.341 χ^2 /NDF:164.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -20.375 $\pm$ 2.185 χ^2 /NDF: 187.2/18

diff_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 6036.177+/-2.363 χ^2/NDF : 840546.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5449.184+/-2.042 χ^2/NDF : 1137059.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

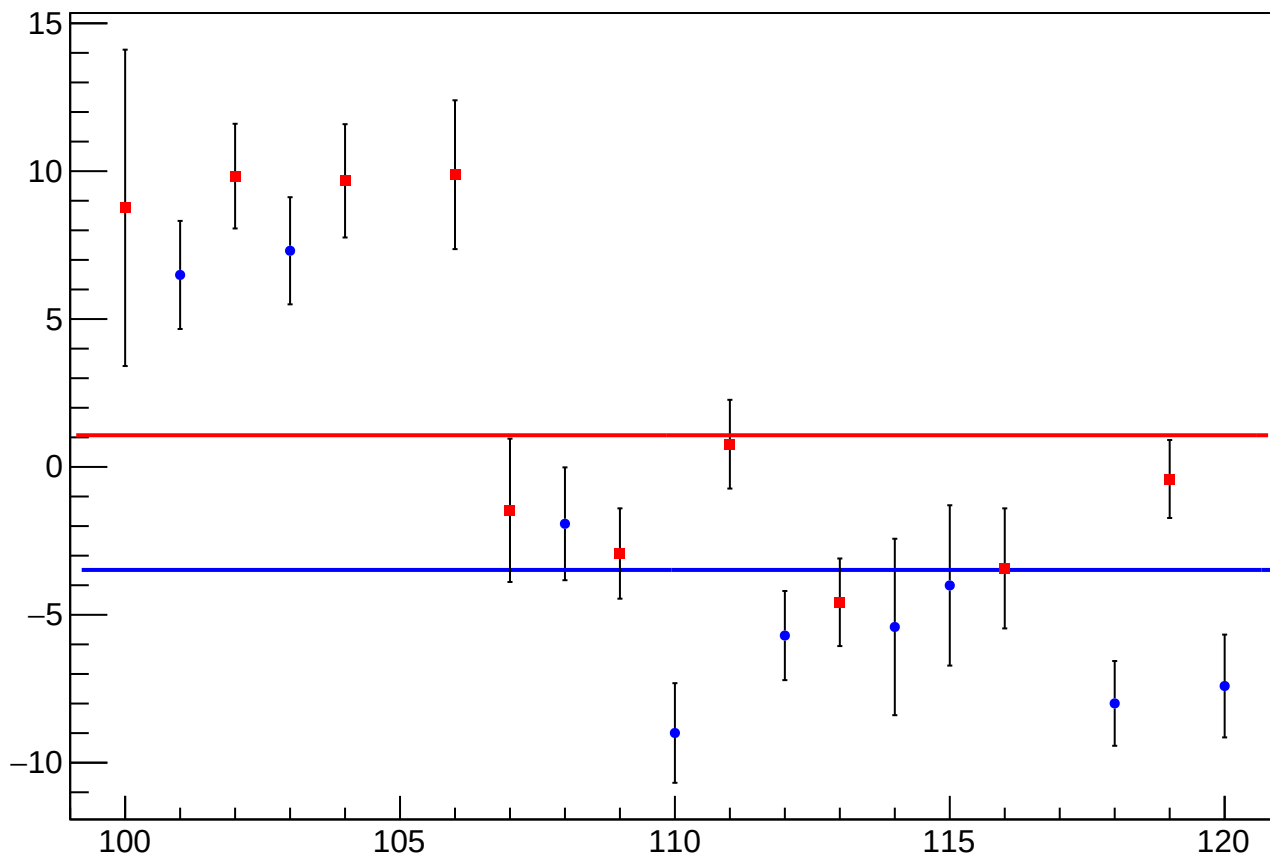
Right: 5700.165+/-1.545 χ^2/NDF : 2012942.1/18

In: 6036.177+/-2.363 χ^2/NDF : 840546.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5700.165+/-1.545 χ^2/NDF : 2012942.1/18

diff_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -3.482+/-0.604 χ^2/NDF : 94.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.071+/-0.568 χ^2/NDF : 87.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

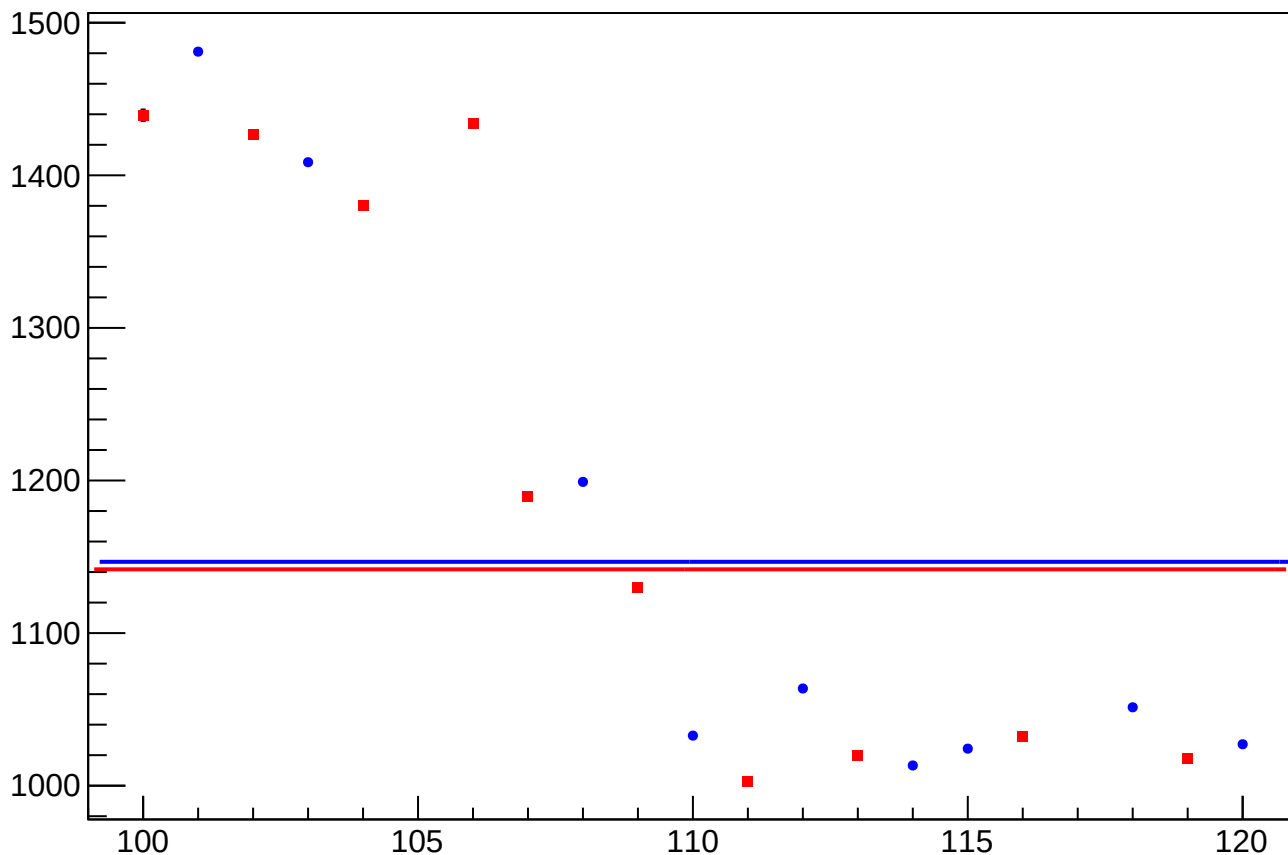
Right: -1.064+/-0.414 χ^2/NDF : 212.2/18

In: -3.482+/-0.604 χ^2/NDF :94.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.064+/-0.414 χ^2/NDF : 212.2/18

diff_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 1146.713+/-0.427 χ^2/NDF : 151913.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1141.788+/-0.401 χ^2/NDF : 171056.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

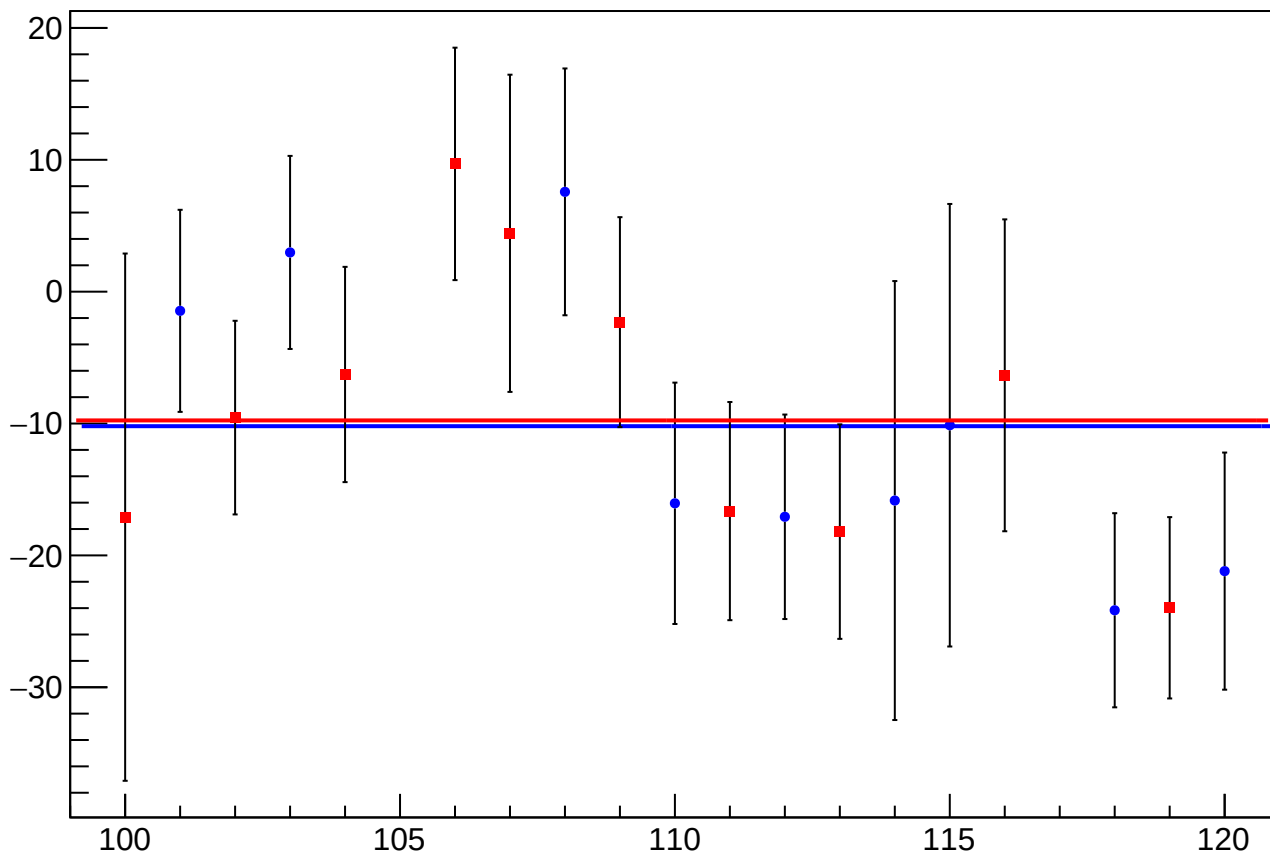
Right: 1144.097+/-0.293 χ^2/NDF : 323039.9/18

In: 1146.713+/-0.427 χ^2/NDF : 151913.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1144.097+/-0.293 χ^2/NDF : 323039.9/18

diff_bpm0l05X_mean vs Slug, Sign Corrected



Right In: -10.201 $\pm$ 2.966 χ^2 /NDF: 14.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -9.764 $\pm$ 2.777 χ^2 /NDF: 13.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

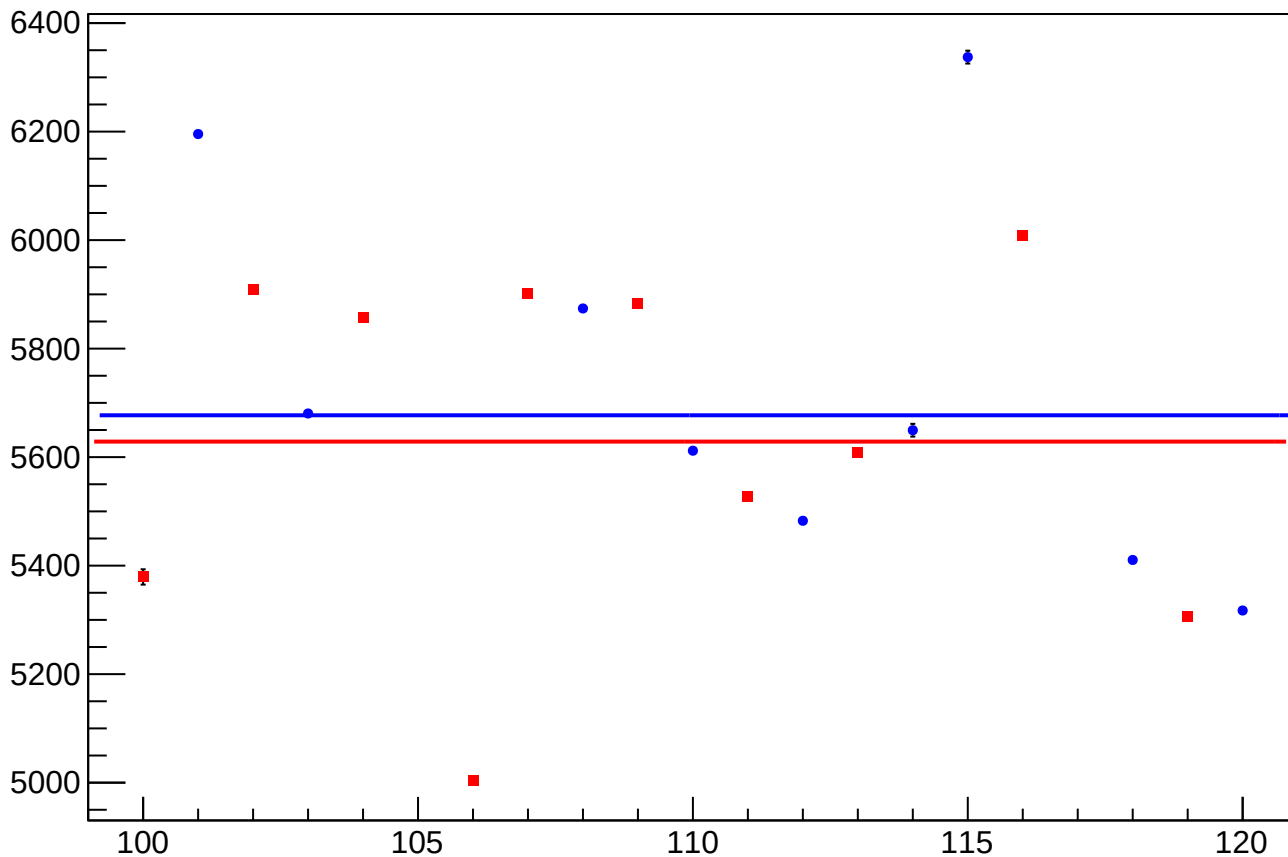
Right: -9.968 $\pm$ 2.027 χ^2 /NDF: 28.1/18

In: -10.201 $\pm$ 2.966 χ^2 /NDF:14.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -9.968 $\pm$ 2.027 χ^2 /NDF: 28.1/18

diff_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 5677.124+/-2.097 χ^2/NDF : 20326.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5628.615+/-1.964 χ^2/NDF : 24657.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

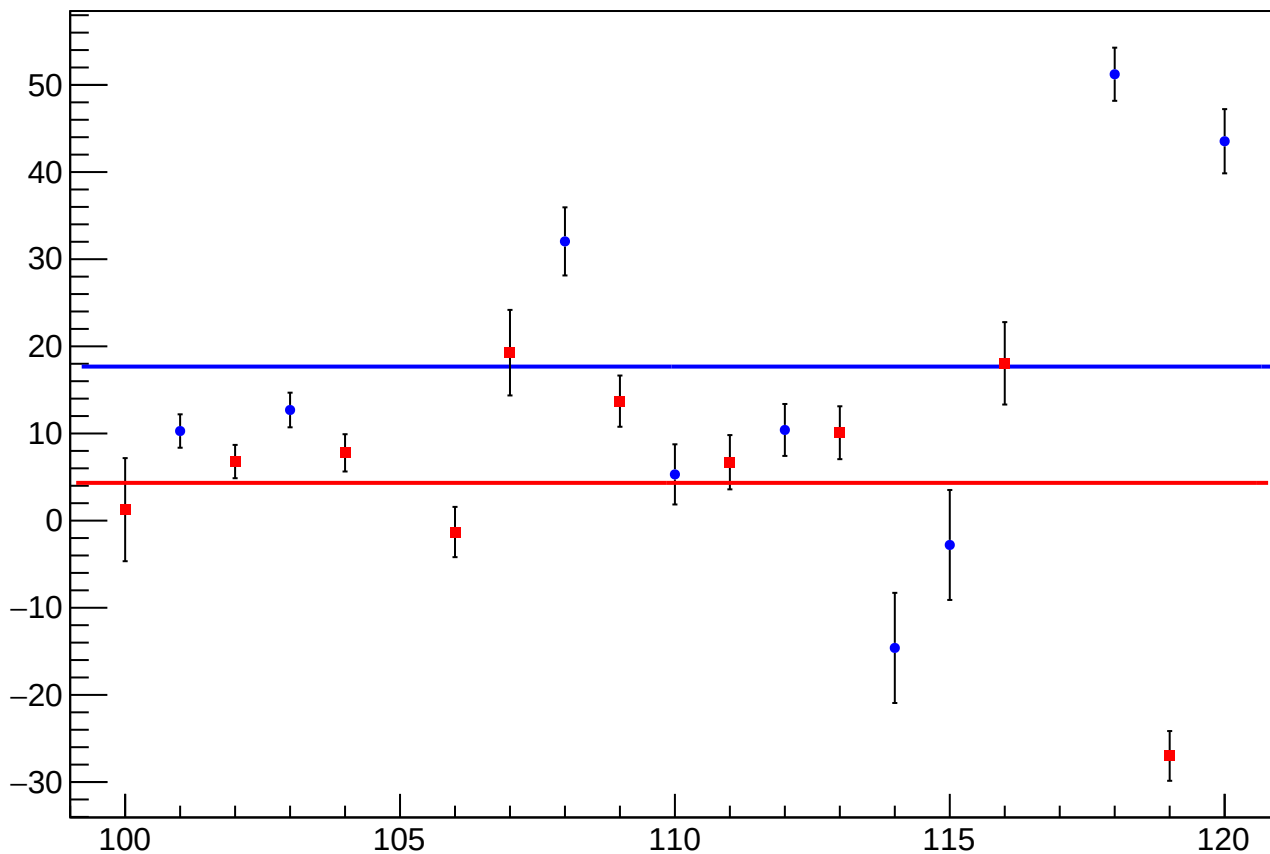
Right: 5651.276+/-1.434 χ^2/NDF : 45269.8/18

In: 5677.124+/-2.097 χ^2/NDF : 20326.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5651.276+/-1.434 χ^2/NDF : 45269.8/18

diff_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 17.677+/-0.991 χ^2/NDF : 260.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.332+/-0.921 χ^2/NDF : 160.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

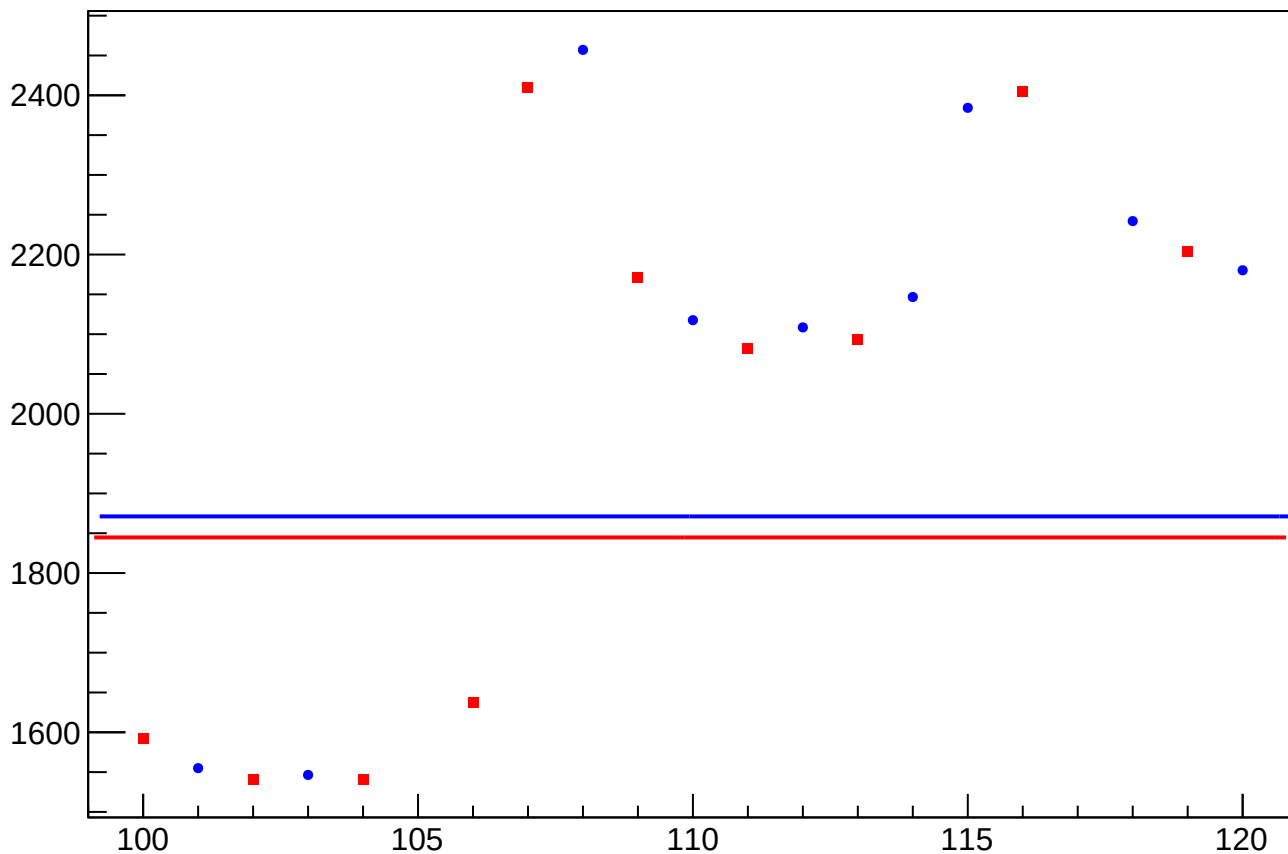
Right: 10.521+/-0.675 χ^2/NDF : 518.4/18

In: 17.677+/-0.991 χ^2/NDF : 260.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.521+/-0.675 χ^2/NDF : 518.4/18

diff_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 1871.140+/-0.701 χ^2/NDF : 236236.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1844.723+/-0.652 χ^2/NDF : 240952.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

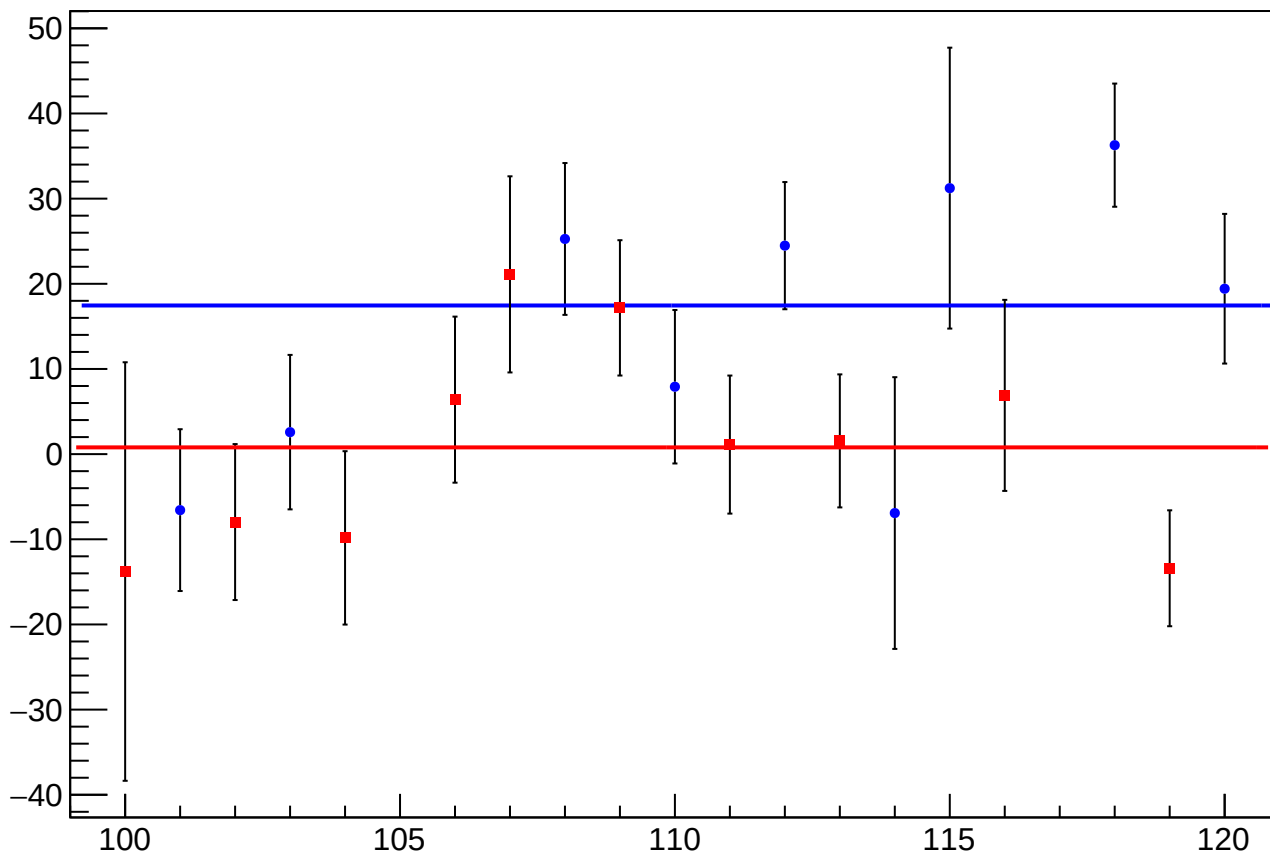
Right: 1856.973+/-0.477 χ^2/NDF : 477951.4/18

In: 1871.140+/-0.701 χ^2/NDF : 236236.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1856.973+/-0.477 χ^2/NDF : 477951.4/18

diff_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 17.453+/-3.075 χ^2/NDF : 21.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.791+/-2.908 χ^2/NDF : 14.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

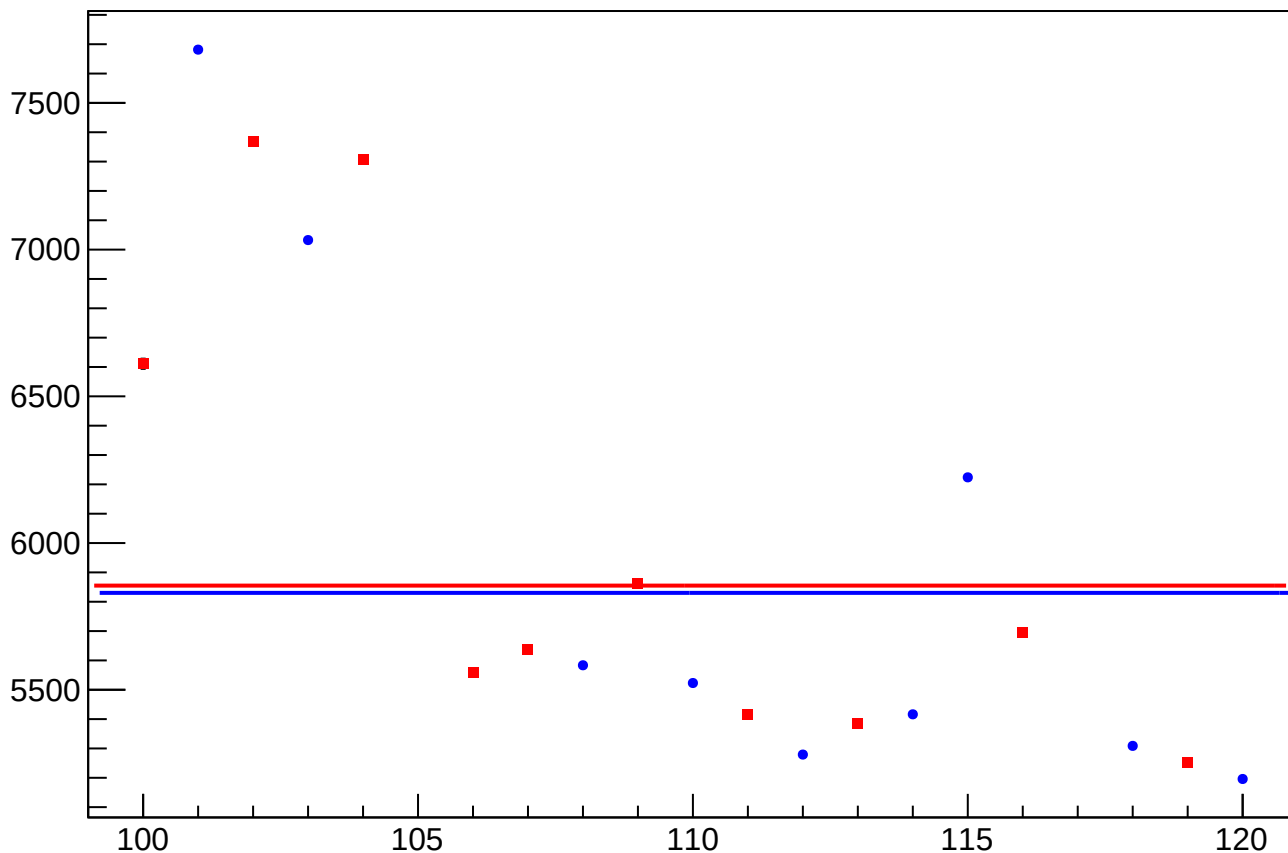
Right: 8.656+/-2.113 χ^2/NDF : 51.9/18

In: 17.453+/-3.075 χ^2/NDF : 21.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.656+/-2.113 χ^2/NDF : 51.9/18

diff_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 5830.212+/-2.174 χ^2/NDF : 149146.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5854.980+/-2.056 χ^2/NDF : 129097.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

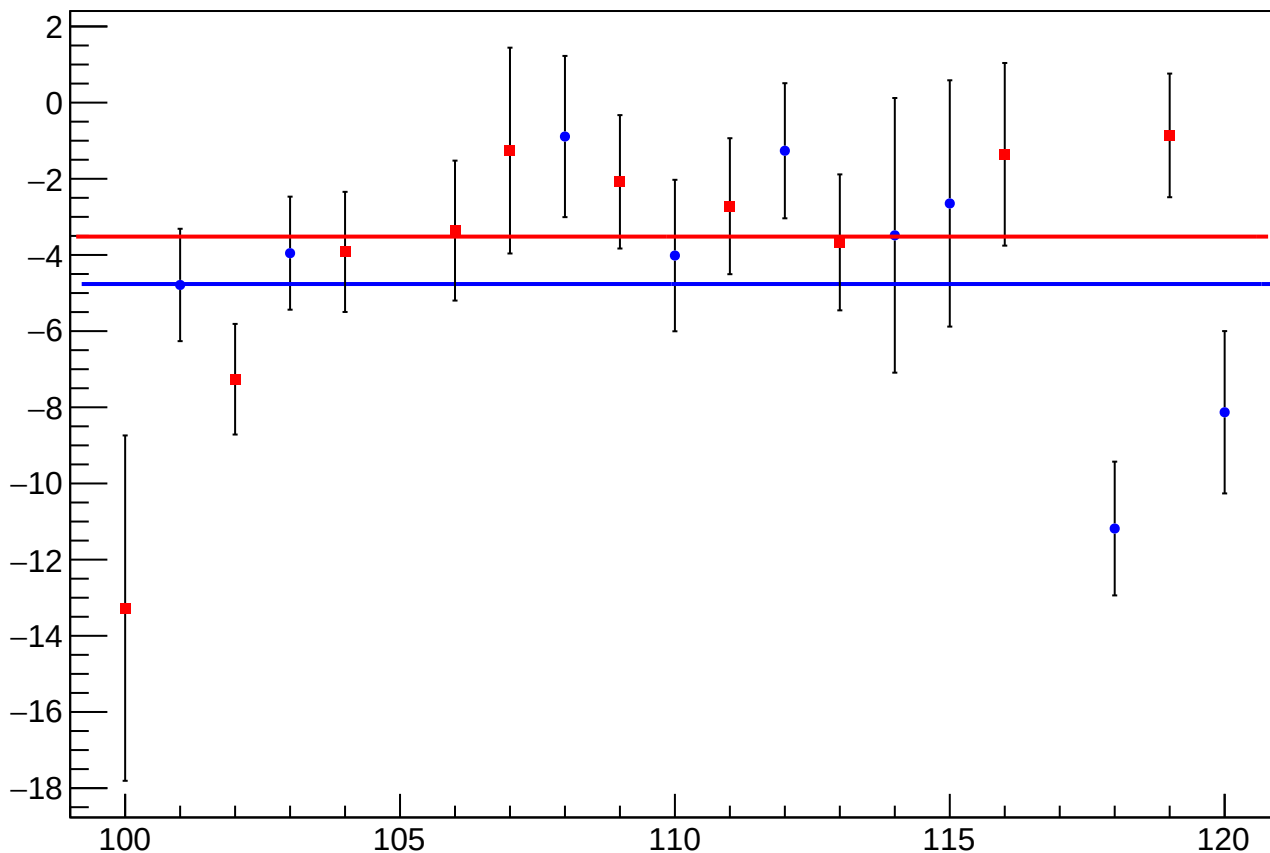
Right: 5843.290+/-1.494 χ^2/NDF : 278313.1/18

In: 5830.212+/-2.174 χ^2/NDF : 149146.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5843.290+/-1.494 χ^2/NDF : 278313.1/18

diff_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -4.763+/-0.642 χ^2/NDF : 24.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.518+/-0.591 χ^2/NDF : 16.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

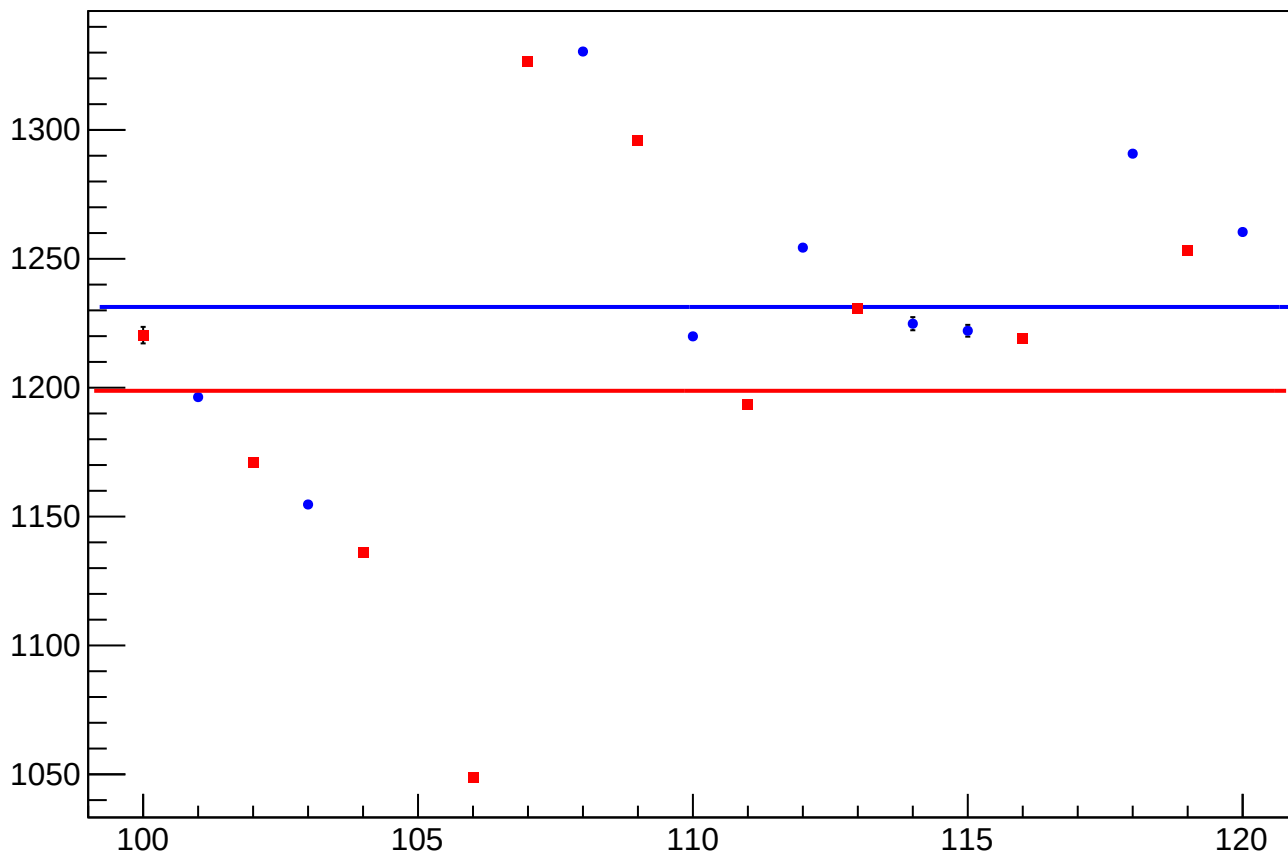
Right: -4.089+/-0.435 χ^2/NDF : 42.6/18

In: -4.763+/-0.642 χ^2/NDF : 24.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.089+/-0.435 χ^2/NDF : 42.6/18

diff_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 1231.324+/-0.454 χ^2/NDF : 13933.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1198.796+/-0.418 χ^2/NDF : 30981.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

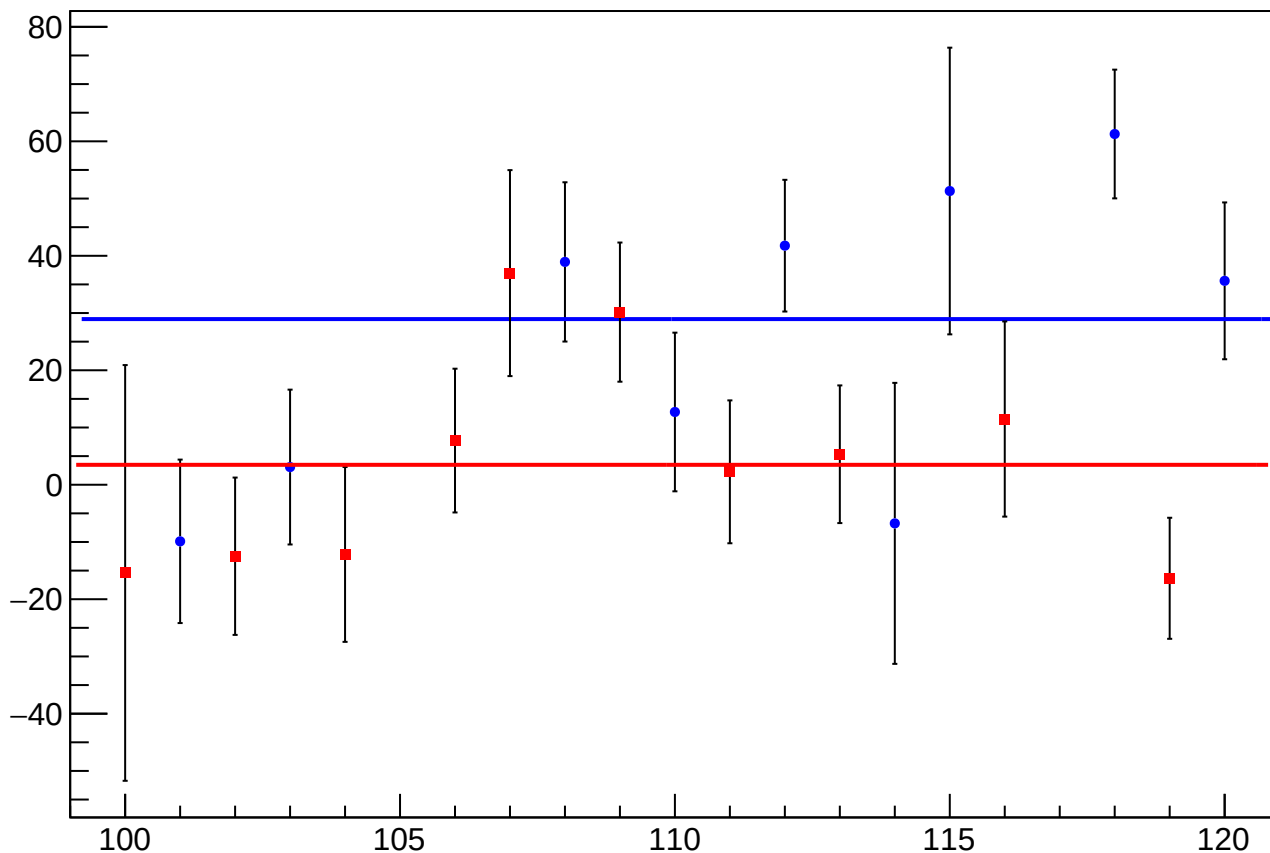
Right: 1213.705+/-0.307 χ^2/NDF : 47693.4/18

In: 1231.324+/-0.454 χ^2/NDF : 13933.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1213.705+/-0.307 χ^2/NDF : 47693.4/18

diff_bpm0l07X_mean vs Slug, Sign Corrected



Right In: 28.942+/-4.725 χ^2/NDF : 25.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.481+/-4.375 χ^2/NDF : 14.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

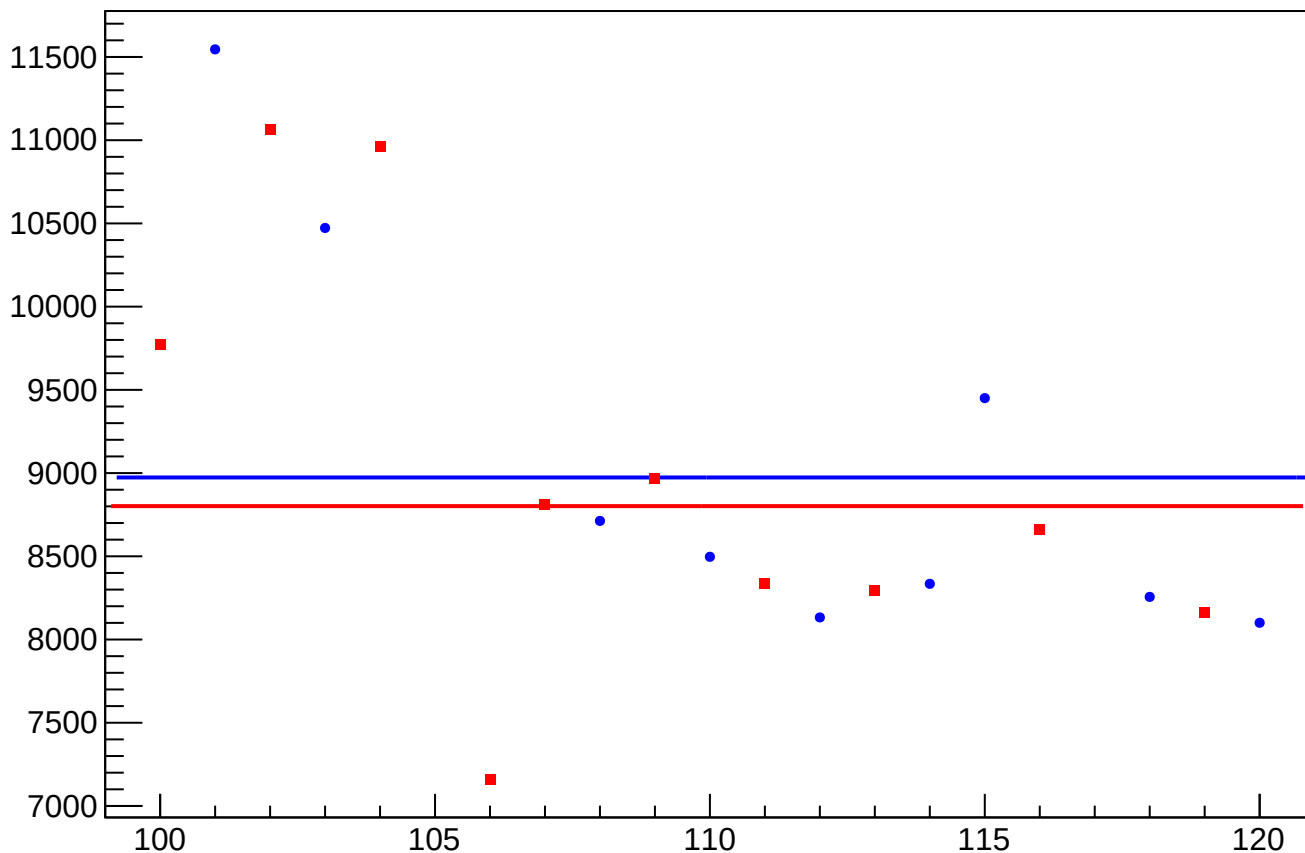
Right: 15.232+/-3.210 χ^2/NDF : 56.1/18

In: 28.942+/-4.725 χ^2/NDF : 25.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.232+/-3.210 χ^2/NDF : 56.1/18

diff_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 8973.678+/-3.341 χ^2/NDF : 121563.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8801.490+/-3.093 χ^2/NDF : 143885.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

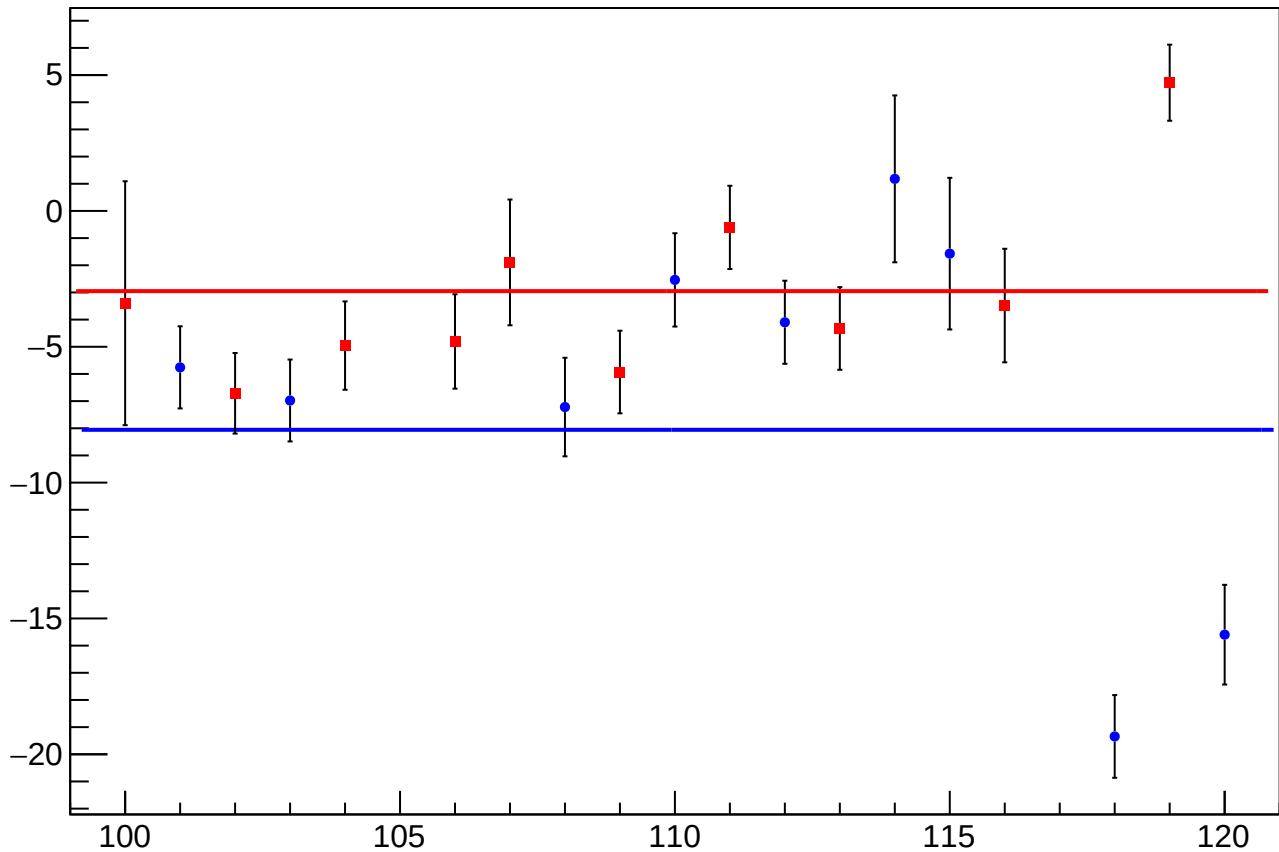
Right: 8880.963+/-2.270 χ^2/NDF : 266879.1/18

In: 8973.678+/-3.341 χ^2/NDF : 121563.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8880.963+/-2.270 χ^2/NDF : 266879.1/18

diff_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: -8.056+/-0.586 χ^2/NDF : 106.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.951+/-0.540 χ^2/NDF : 46.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

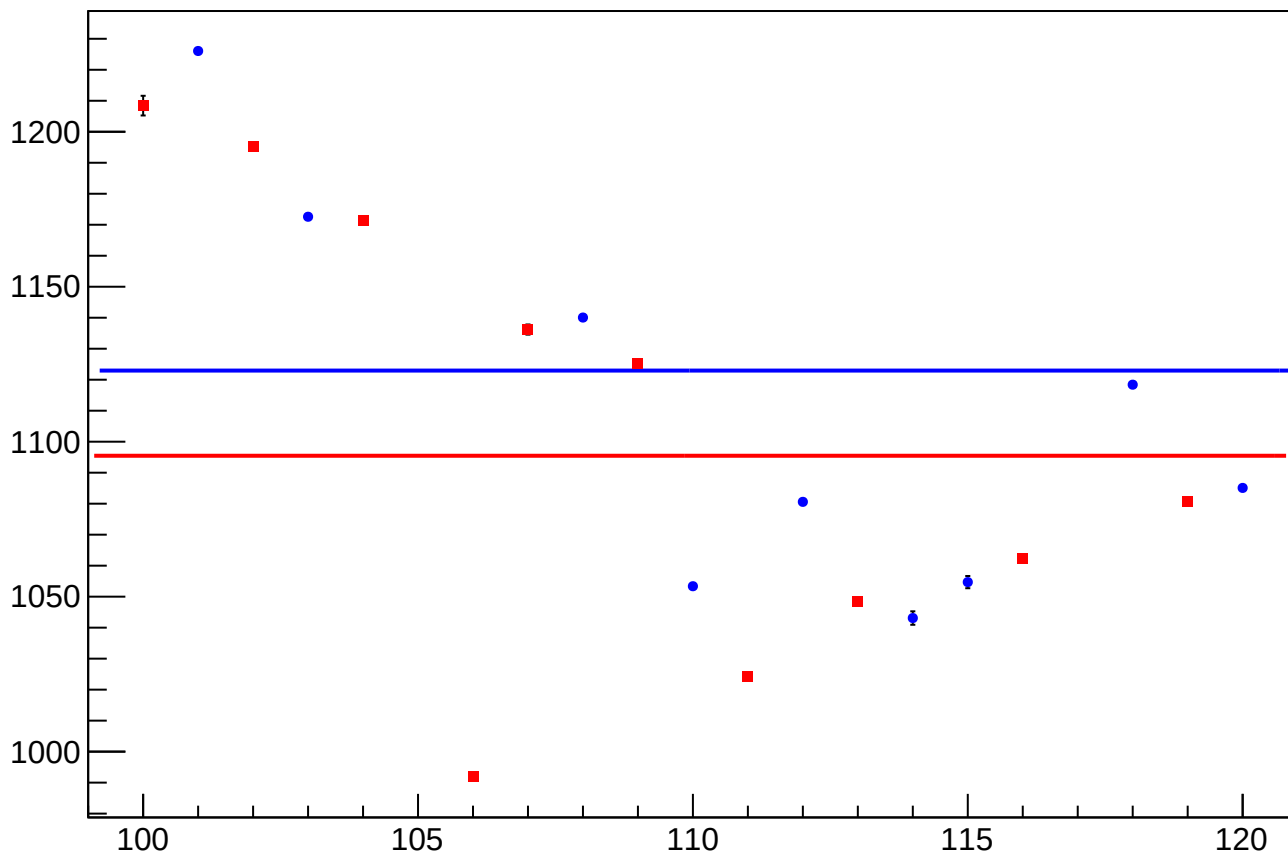
Right: -5.295+/-0.397 χ^2/NDF : 193.8/18

In: -8.056+/-0.586 χ^2/NDF : 106.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.295+/-0.397 χ^2/NDF : 193.8/18

diff_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 1122.947+/-0.414 χ^2/NDF : 19885.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1095.464+/-0.382 χ^2/NDF : 30157.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

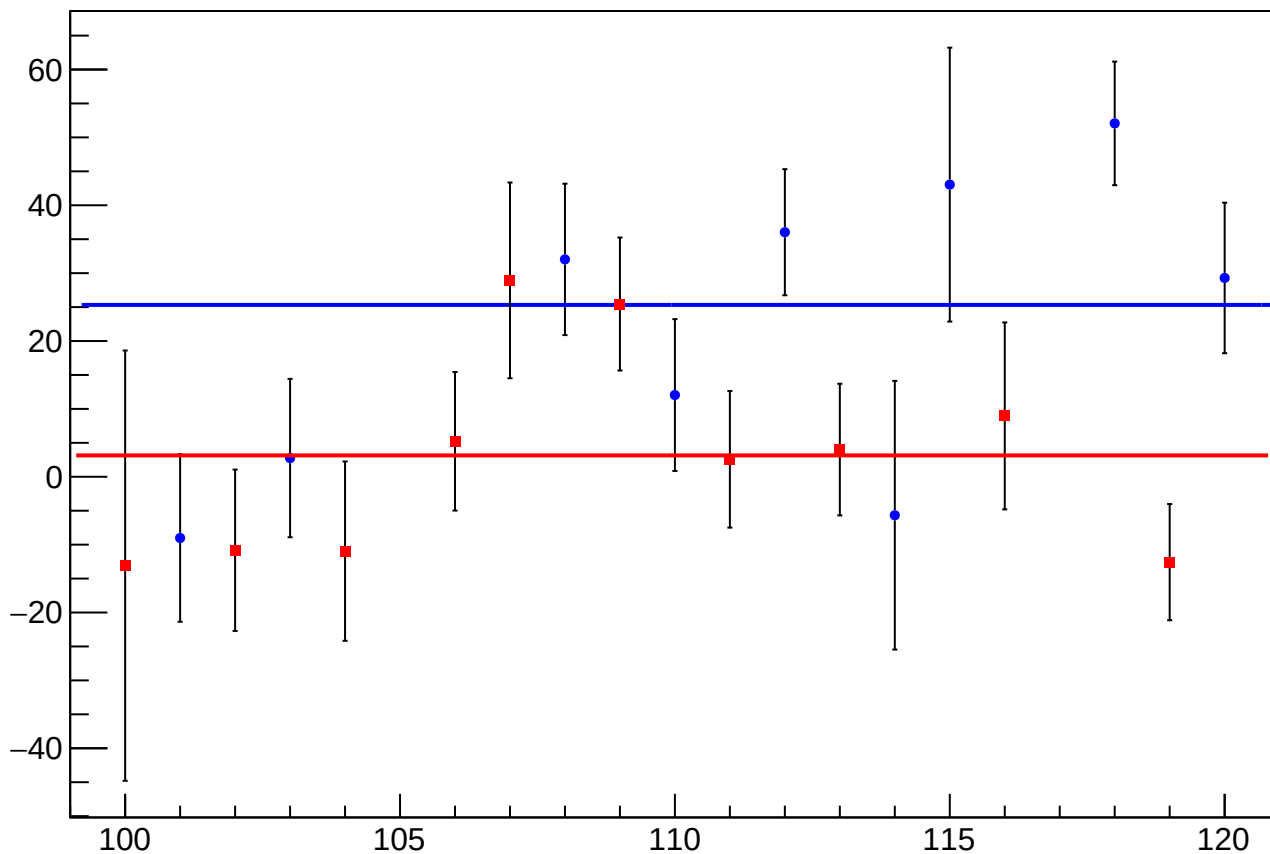
Right: 1108.080+/-0.281 χ^2/NDF : 52422.2/18

In: 1122.947+/-0.414 χ^2/NDF : 19885.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1108.080+/-0.281 χ^2/NDF : 52422.2/18

diff_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 25.321+/-3.871 χ^2/NDF : 26.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3.149+/-3.580 χ^2/NDF : 14.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

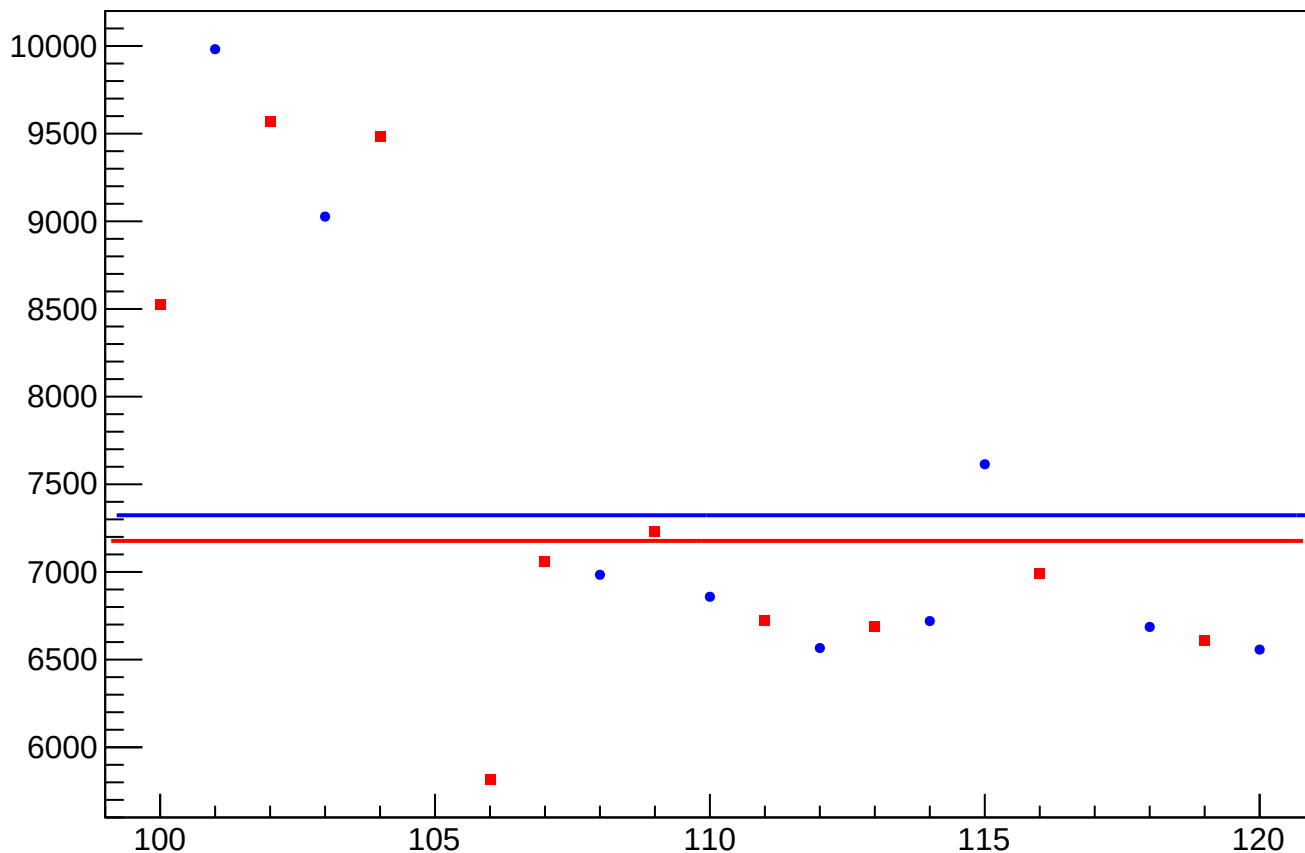
Right: 13.369+/-2.628 χ^2/NDF : 59.0/18

In: 25.321+/-3.871 χ^2/NDF :26.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 13.369+/-2.628 χ^2/NDF : 59.0/18

diff_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 7323.378+/-2.737 χ^2/NDF : 175597.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7177.191+/-2.531 χ^2/NDF : 199661.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

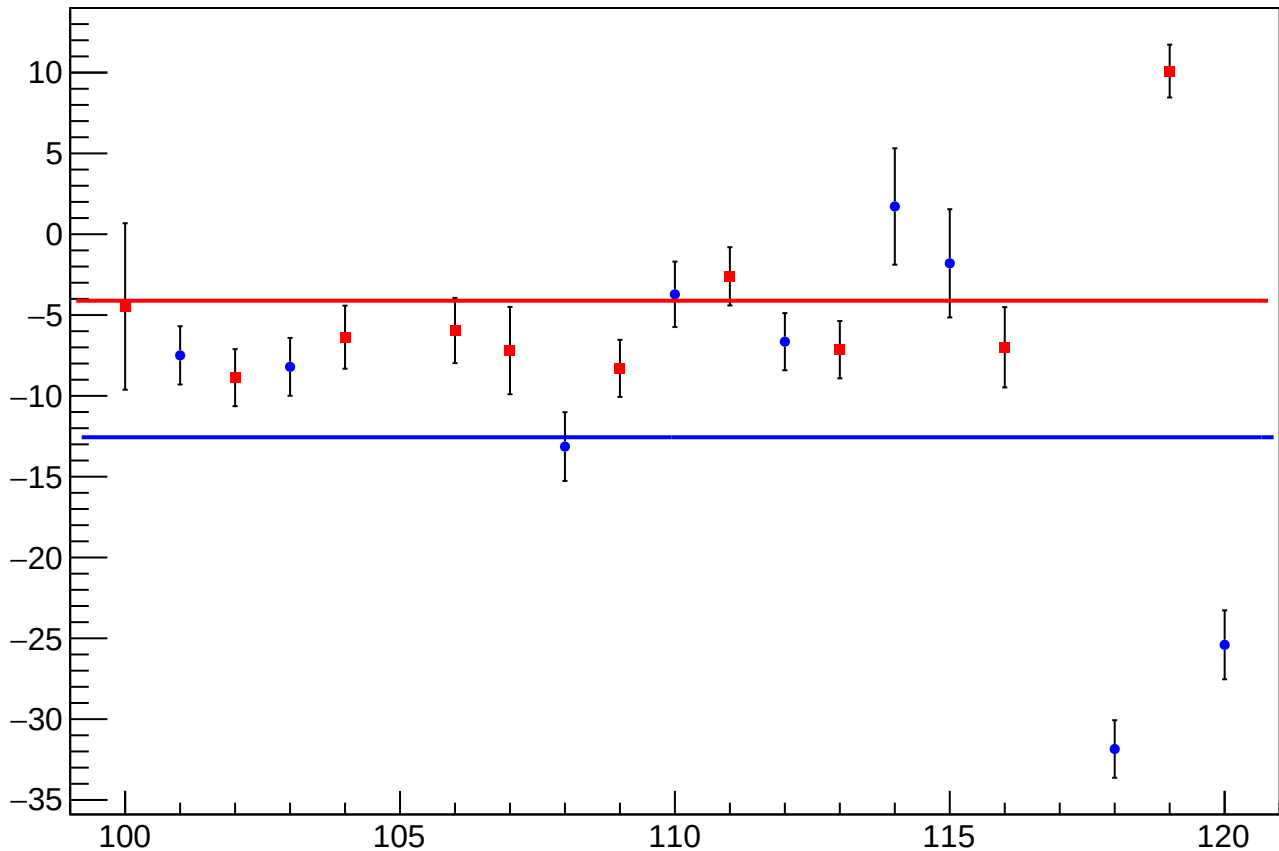
Right: 7244.576+/-1.858 χ^2/NDF : 376796.8/18

In: 7323.378+/-2.737 χ^2/NDF : 175597.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7244.576+/-1.858 χ^2/NDF : 376796.8/18

diff_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -12.560 $\pm$ 0.689 χ^2 /NDF: 223.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -4.114 $\pm$ 0.634 χ^2 /NDF: 96.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

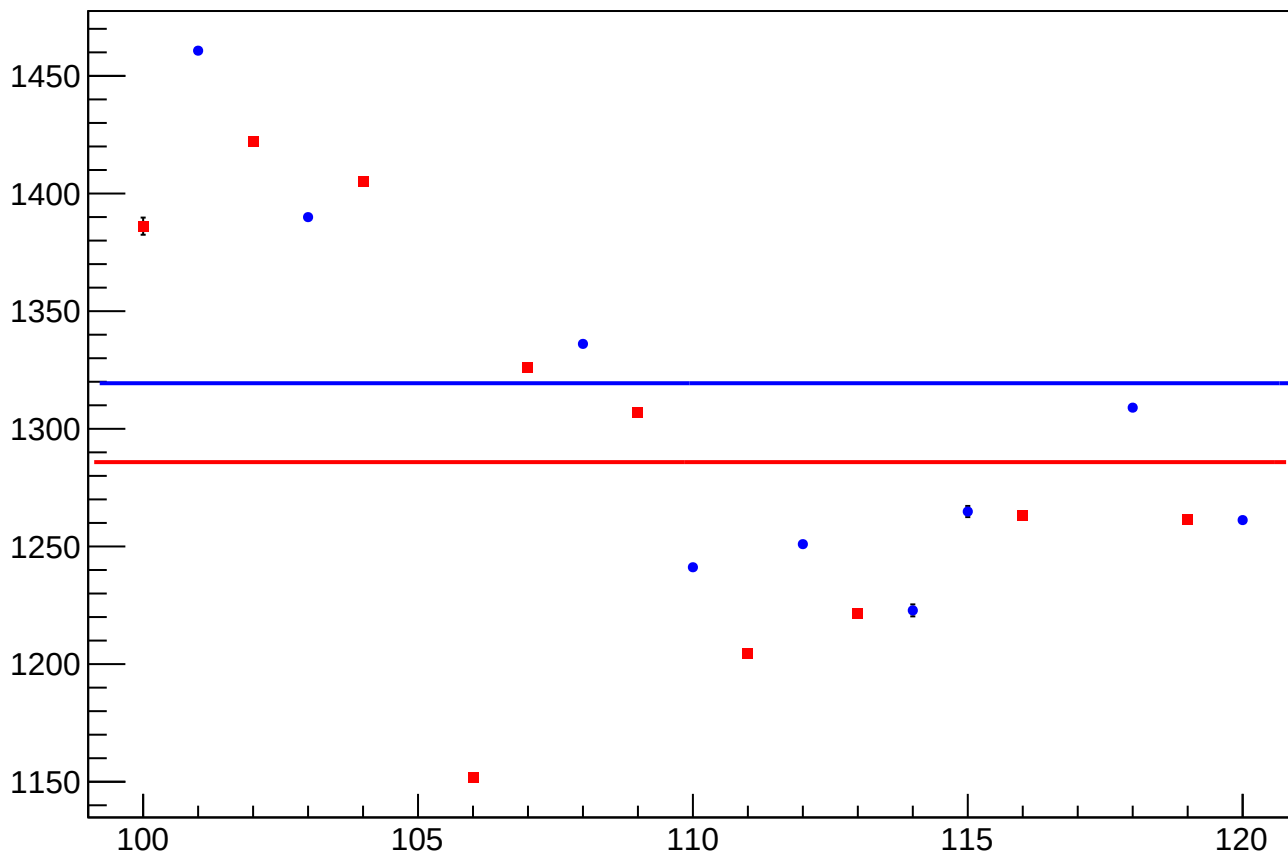
Right: -7.988 $\pm$ 0.466 χ^2 /NDF: 402.2/18

In: -12.560 $\pm$ 0.689 χ^2 /NDF:223.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -7.988 $\pm$ 0.466 χ^2 /NDF: 402.2/18

diff_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 1319.378+/-0.487 χ^2/NDF : 25058.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1285.848+/-0.448 χ^2/NDF : 37037.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

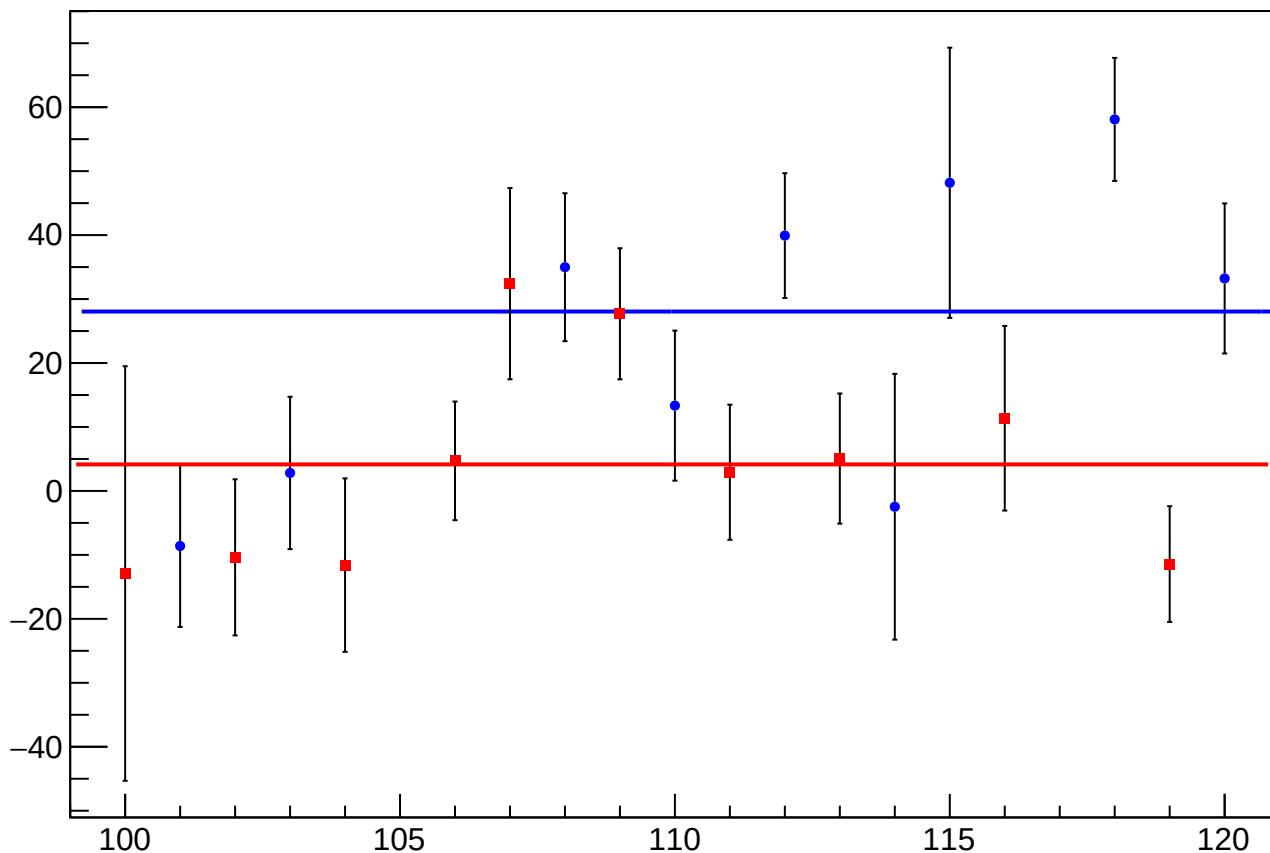
Right: 1301.226+/-0.330 χ^2/NDF : 64662.6/18

In: 1319.378+/-0.487 χ^2/NDF : 25058.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1301.226+/-0.330 χ^2/NDF : 64662.6/18

diff_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 28.049+/-4.043 χ^2/NDF : 29.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 4.145+/-3.667 χ^2/NDF : 15.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

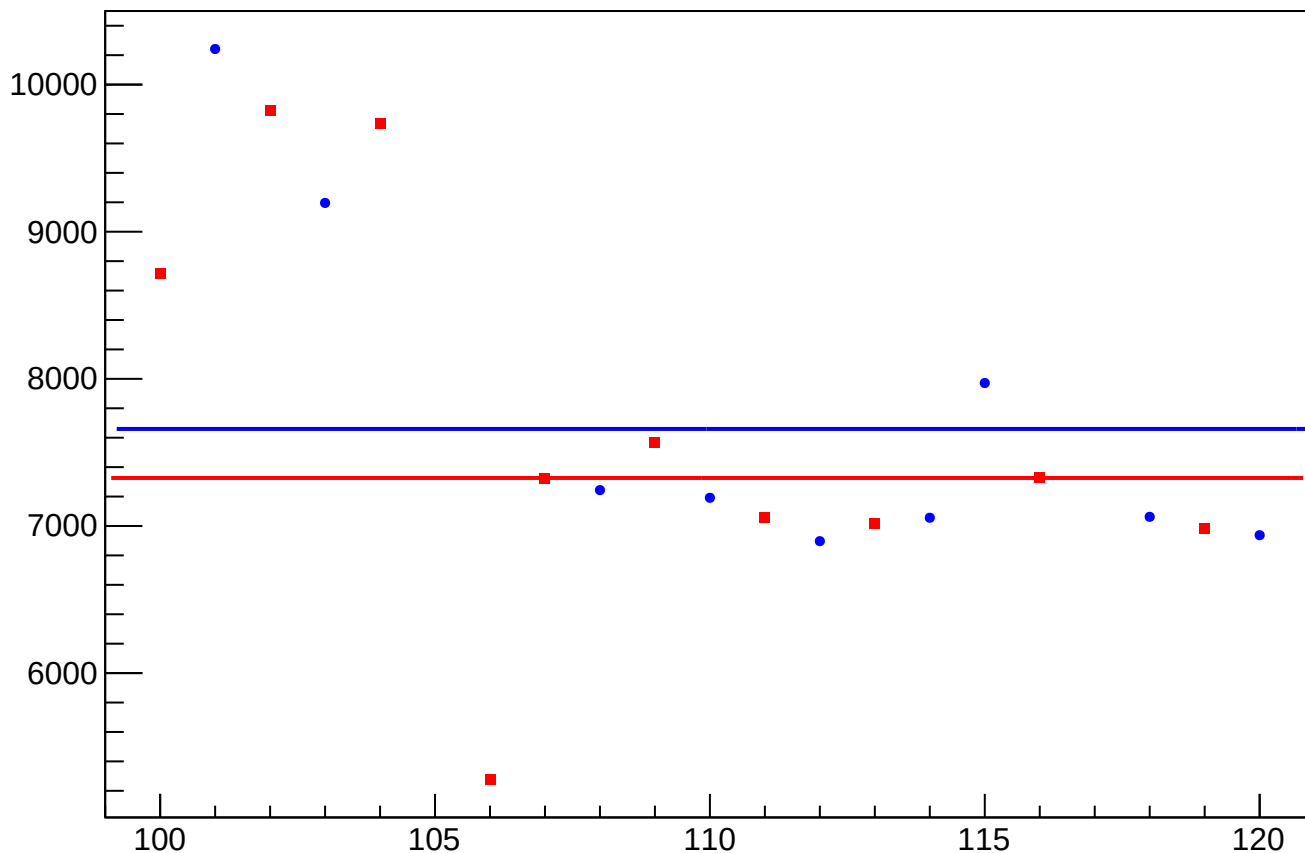
Right: 14.934+/-2.716 χ^2/NDF : 63.6/18

In: 28.049+/-4.043 χ^2/NDF :29.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 14.934+/-2.716 χ^2/NDF : 63.6/18

diff_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 7659.626+/-2.859 χ^2/NDF : 151813.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7326.395+/-2.593 χ^2/NDF : 255447.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

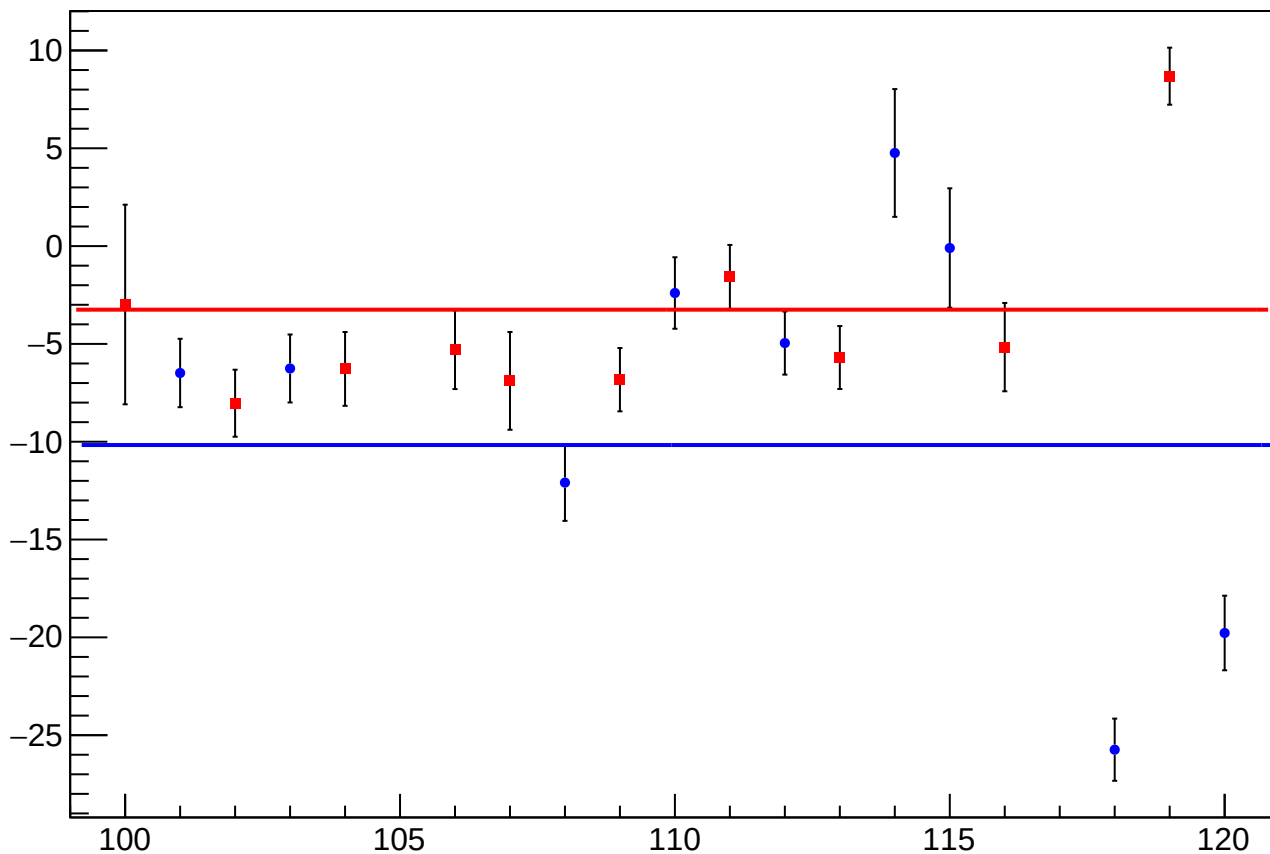
Right: 7476.794+/-1.921 χ^2/NDF : 414714.1/18

In: 7659.626+/-2.859 χ^2/NDF : 151813.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7476.794+/-1.921 χ^2/NDF : 414714.1/18

diff_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -10.169 $\pm$ 0.636 χ^2 /NDF: 192.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.250 $\pm$ 0.589 χ^2 /NDF: 89.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

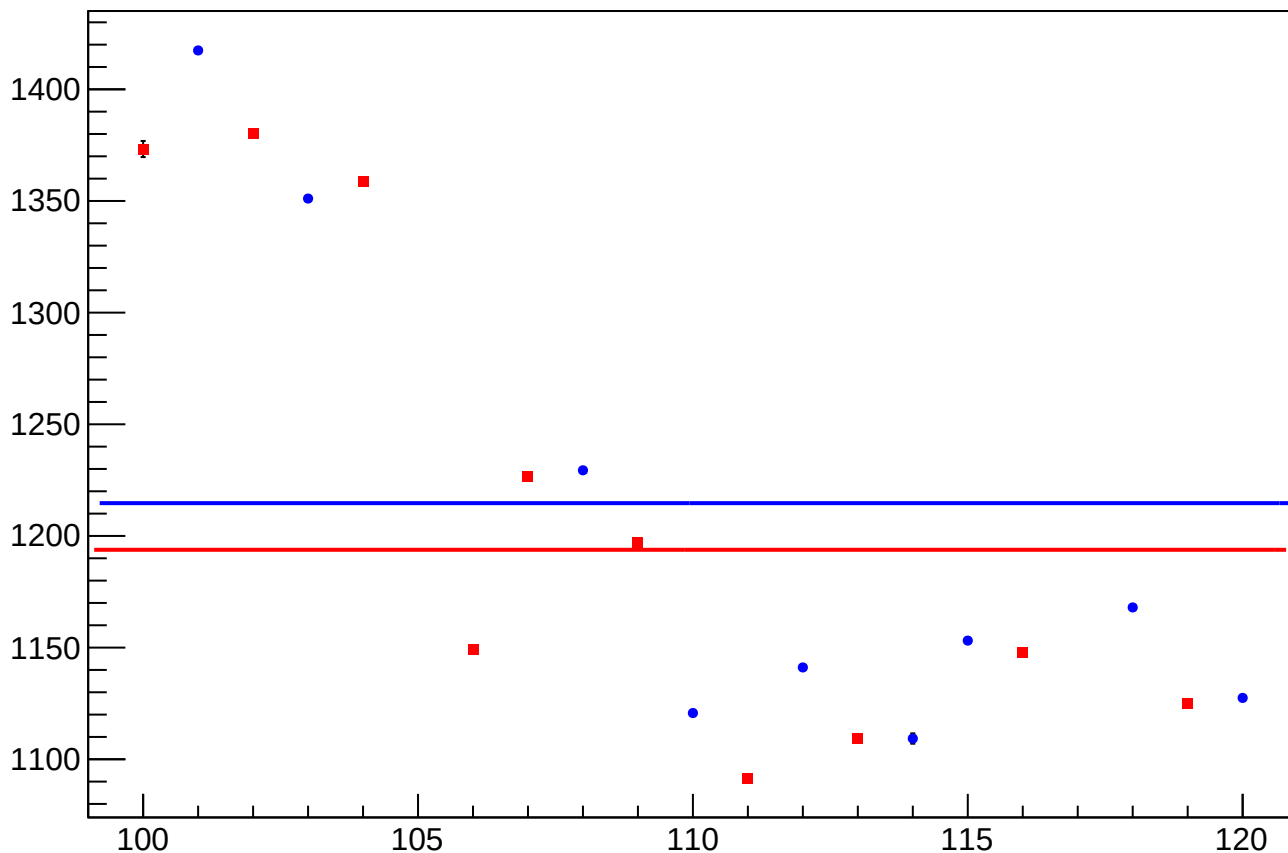
Right: -6.450 $\pm$ 0.432 χ^2 /NDF: 345.5/18

In: -10.169 $\pm$ 0.636 χ^2 /NDF:192.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -6.450 $\pm$ 0.432 χ^2 /NDF: 345.5/18

diff_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 1214.691+/-0.449 χ^2/NDF : 57600.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1193.801+/-0.417 χ^2/NDF : 61456.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

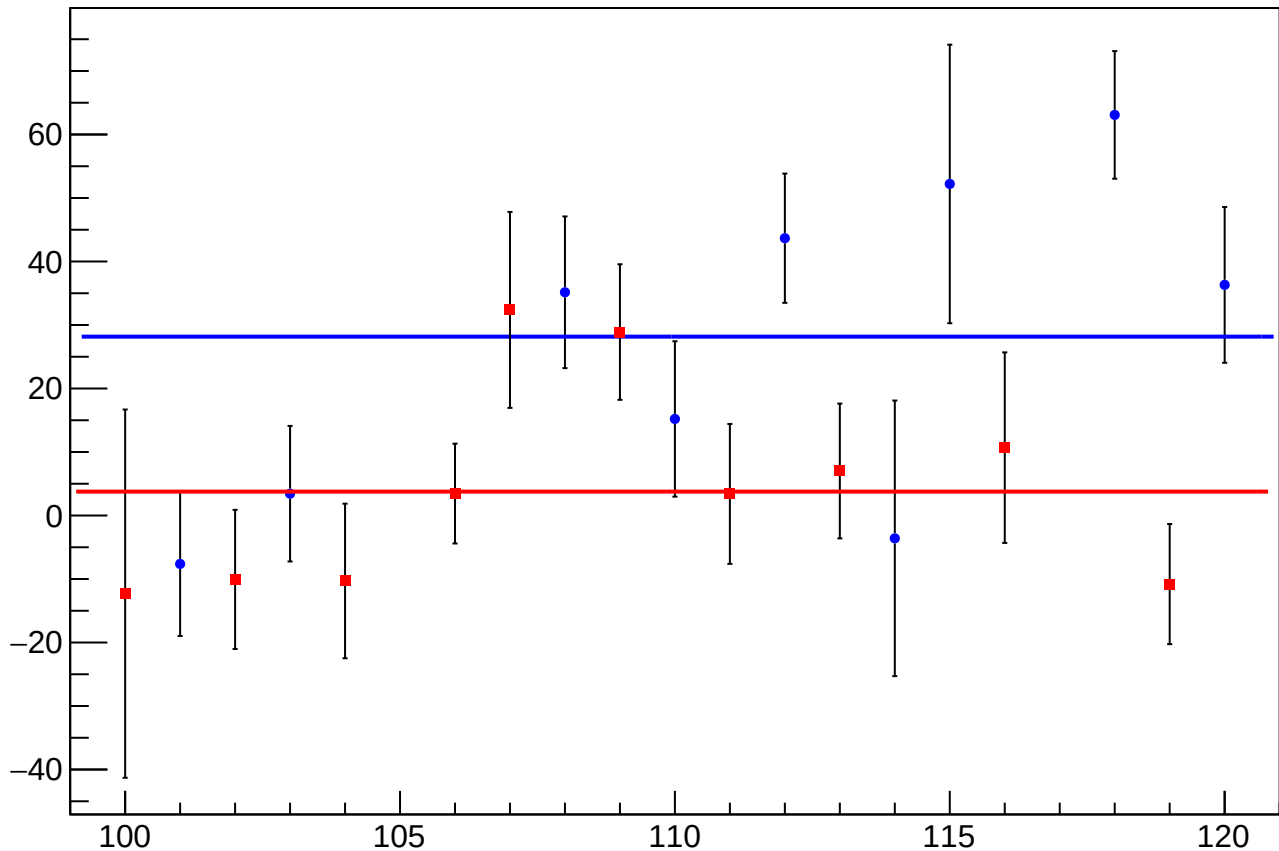
Right: 1203.461+/-0.306 χ^2/NDF : 120218.2/18

In: 1214.691+/-0.449 χ^2/NDF : 57600.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1203.461+/-0.306 χ^2/NDF : 120218.2/18

diff_bpm0l10X_mean vs Slug, Sign Corrected



Right In: 28.167+/-4.061 χ^2/NDF : 35.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.768+/-3.577 χ^2/NDF : 14.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

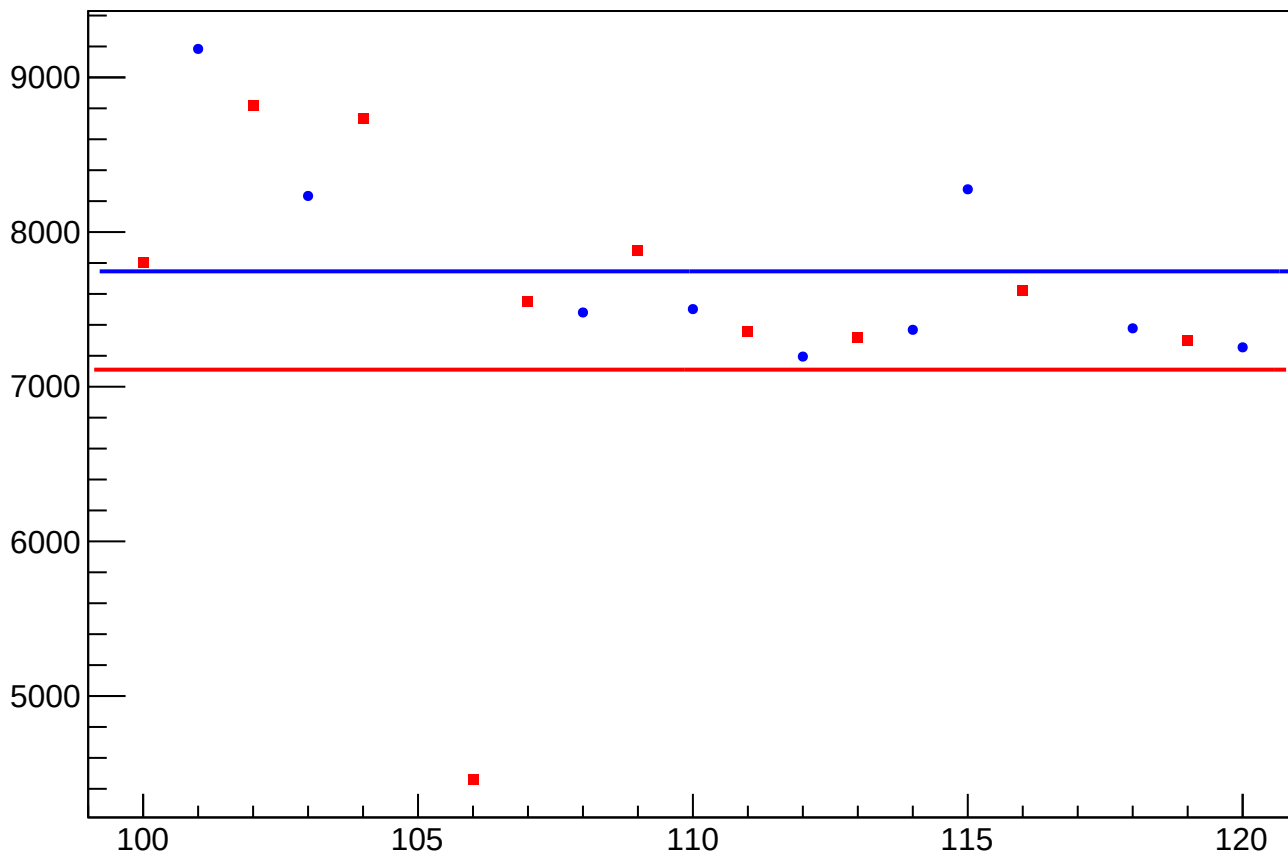
Right: 14.426+/-2.684 χ^2/NDF : 70.2/18

In: 28.167+/-4.061 χ^2/NDF : 35.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.426+/-2.684 χ^2/NDF : 70.2/18

diff_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 7746.001+/-2.872 χ^2/NDF : 51579.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7110.295+/-2.529 χ^2/NDF : 330228.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

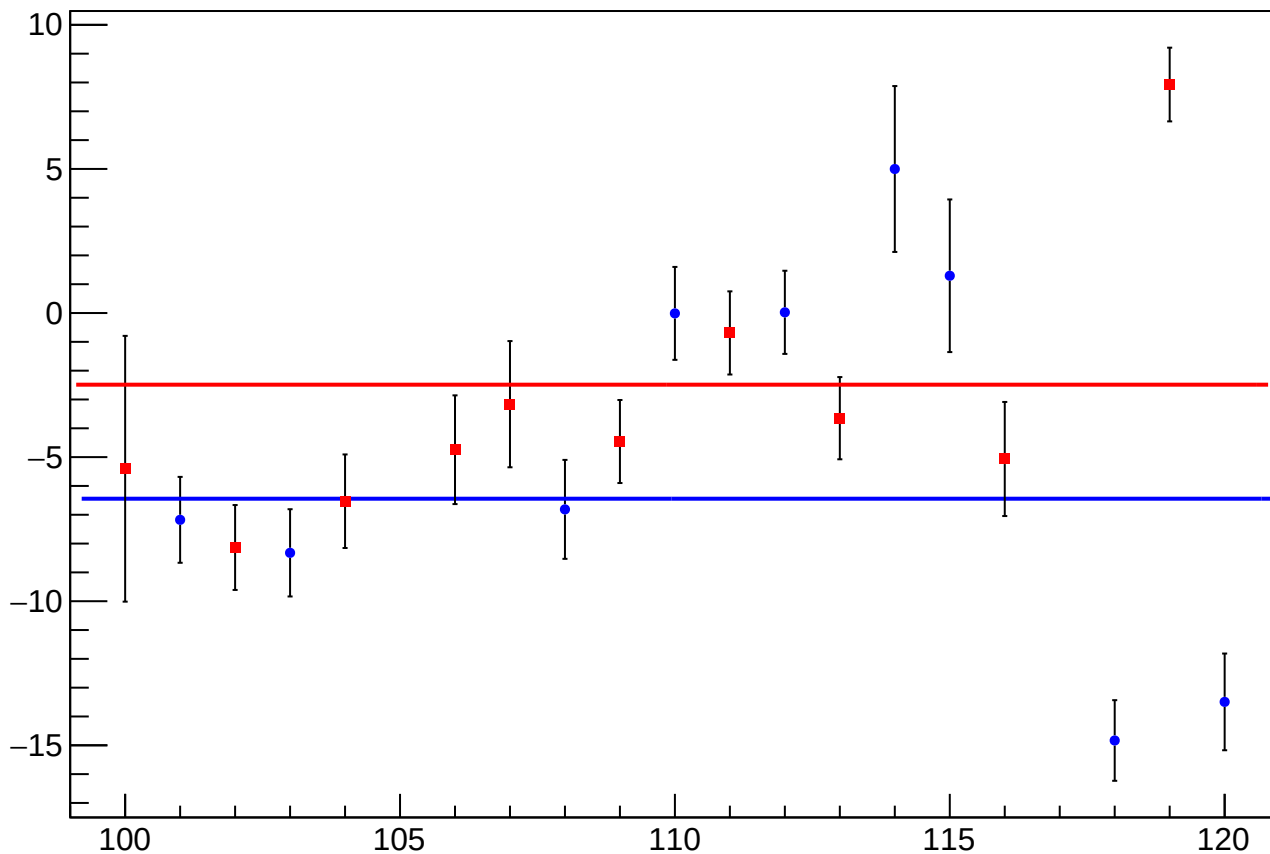
Right: 7387.979+/-1.898 χ^2/NDF : 409408.9/18

In: 7746.001+/-2.872 χ^2/NDF : 51579.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7387.979+/-1.898 χ^2/NDF : 409408.9/18

diff_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -6.443+/-0.557 χ^2/NDF : 115.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.486+/-0.520 χ^2/NDF : 94.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

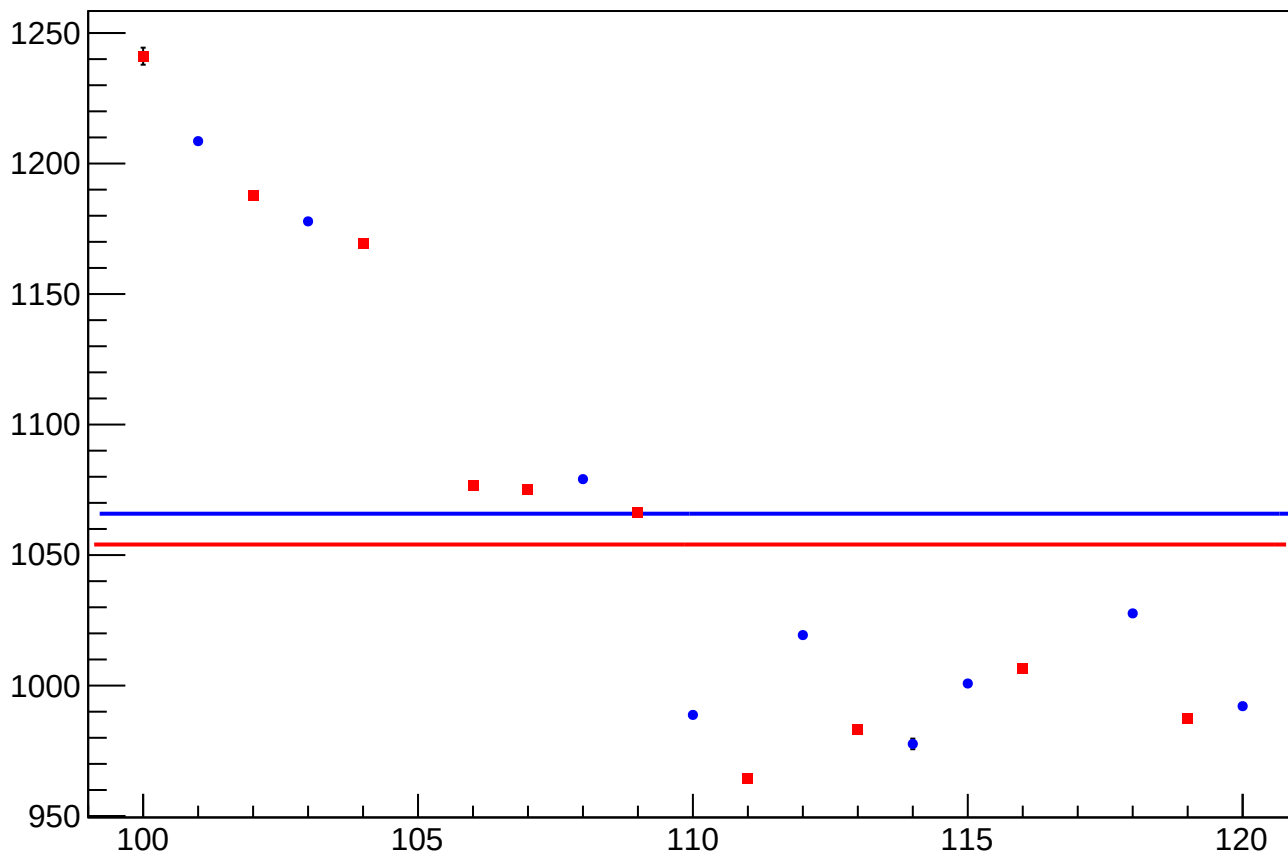
Right: -4.329+/-0.380 χ^2/NDF : 237.7/18

In: -6.443+/-0.557 χ^2/NDF :115.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.329+/-0.380 χ^2/NDF : 237.7/18

diff_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 1065.848+/-0.394 χ^2/NDF : 44494.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1054.047+/-0.368 χ^2/NDF : 49684.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

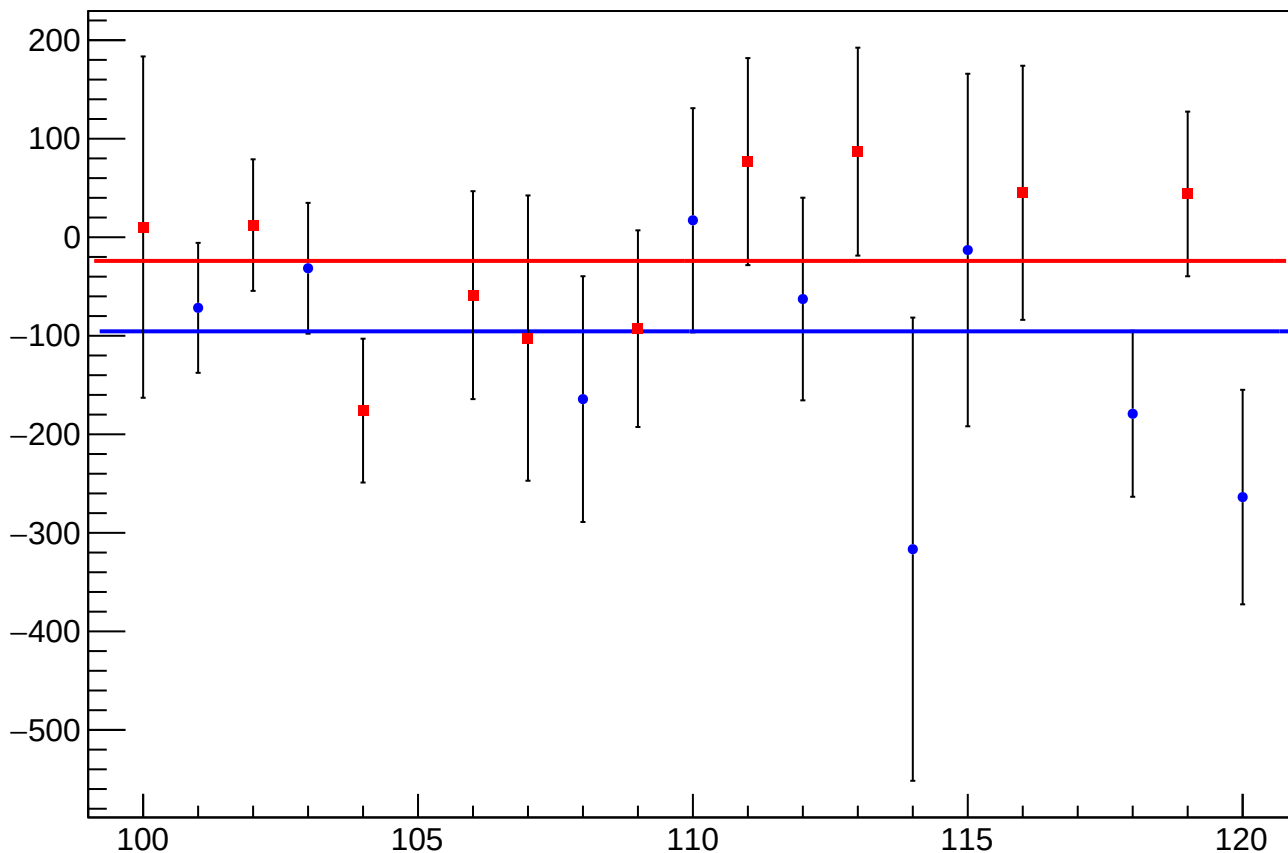
Right: 1059.541+/-0.269 χ^2/NDF : 94658.5/18

In: 1065.848+/-0.394 χ^2/NDF : 44494.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1059.541+/-0.269 χ^2/NDF : 94658.5/18

diff_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -95.497 ± 32.144 χ^2/NDF : 6.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -24.012 ± 30.611 χ^2/NDF : 8.5/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

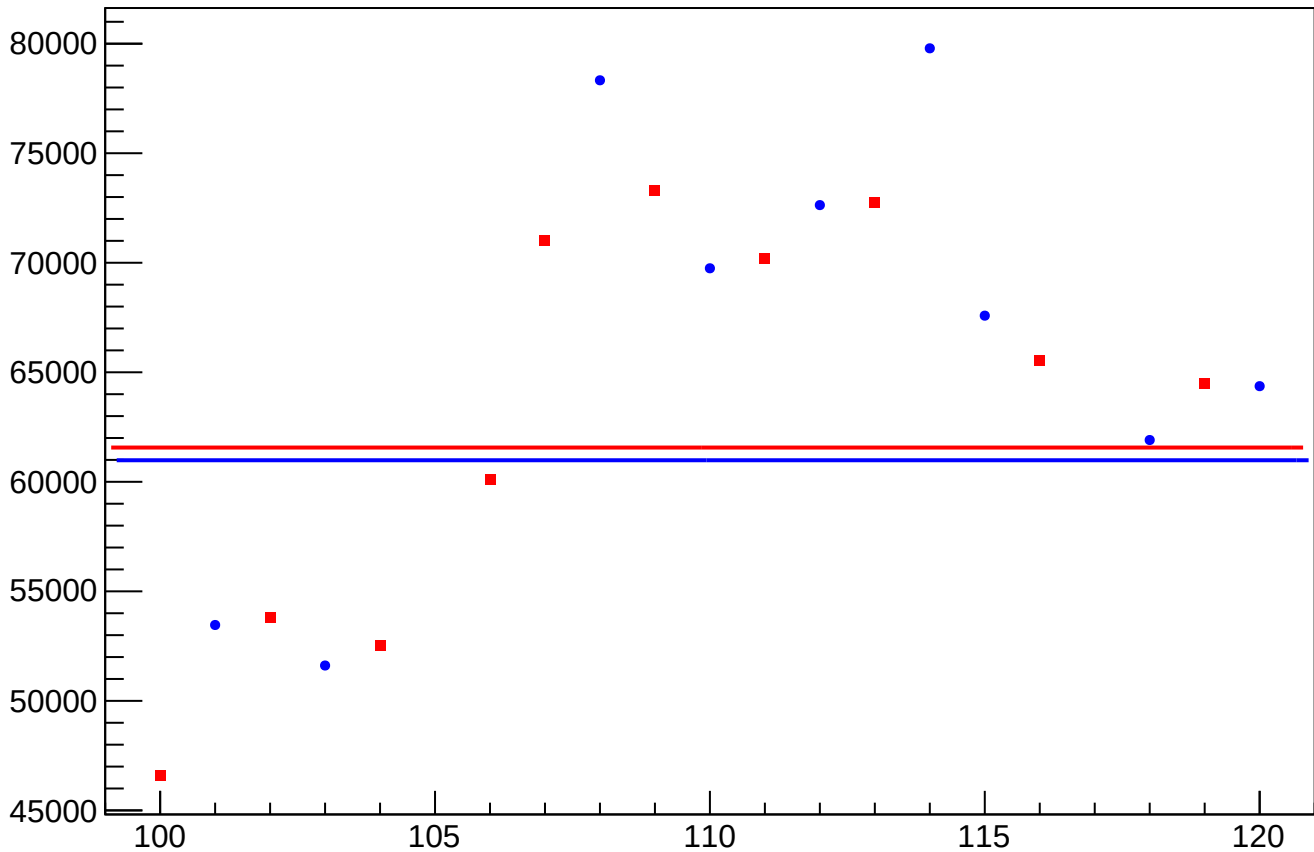
Right: -58.010 ± 22.168 χ^2/NDF : 18.0/18

In: -95.497 ± 32.144 χ^2/NDF : 6.9/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -58.010 ± 22.168 χ^2/NDF : 18.0/18

diff_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 60984.172+/-22.729 χ^2/NDF : 159805.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61564.490+/-21.646 χ^2/NDF : 149759.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

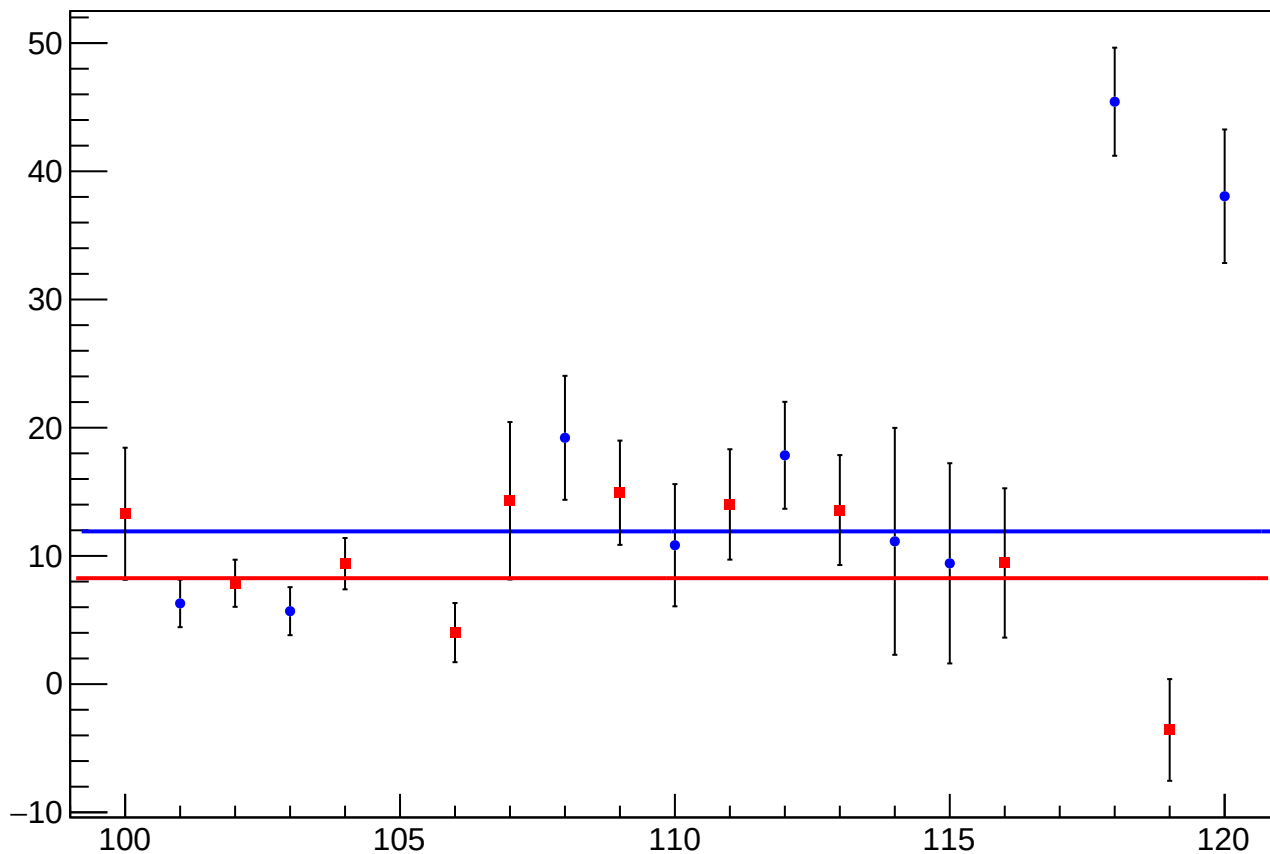
Right: 61288.496+/-15.675 χ^2/NDF : 309907.1/18

In: 60984.172+/-22.729 χ^2/NDF : 159805.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61288.496+/-15.675 χ^2/NDF : 309907.1/18

diff_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 11.913+/-1.090 χ^2/NDF : 113.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.264+/-0.971 χ^2/NDF : 20.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

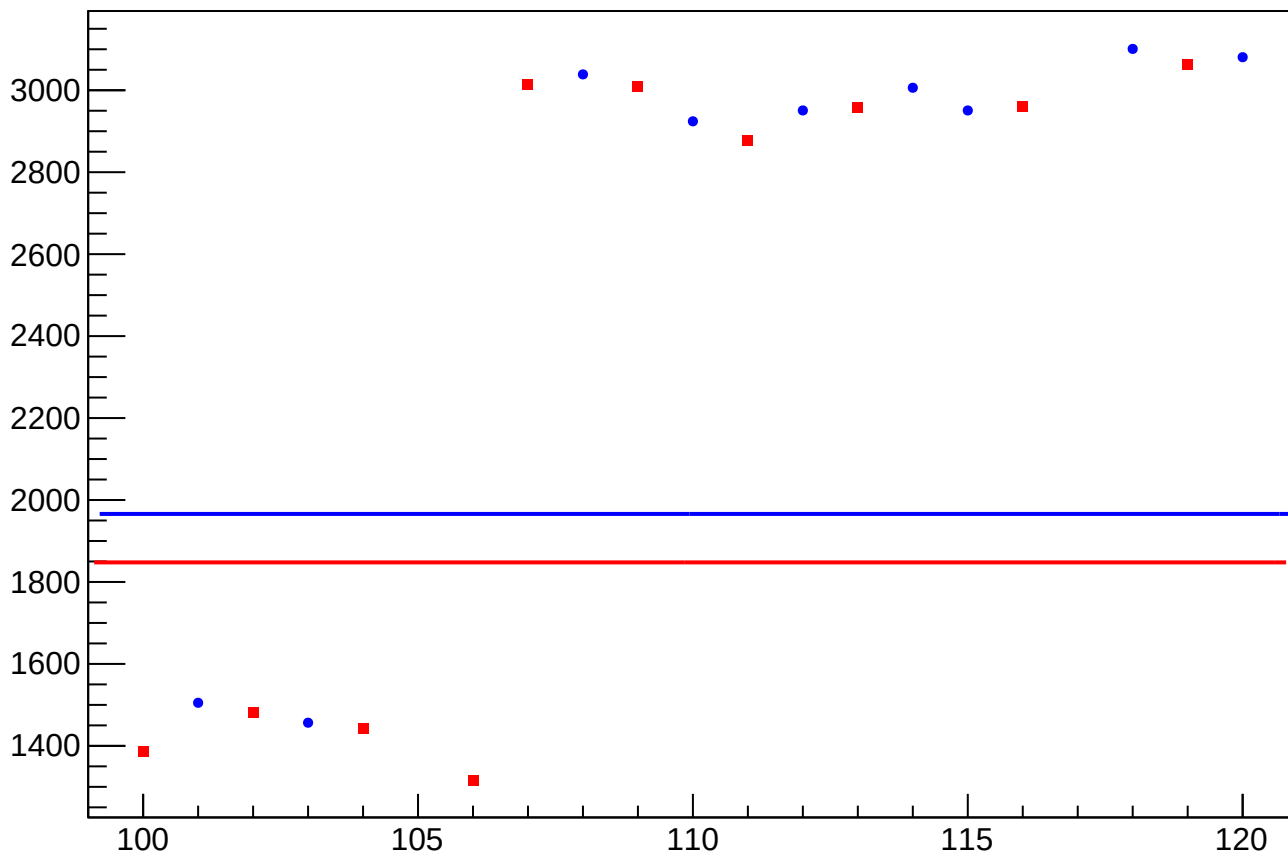
Right: 9.880+/-0.725 χ^2/NDF : 139.9/18

In: 11.913+/-1.090 χ^2/NDF : 113.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.880+/-0.725 χ^2/NDF : 139.9/18

diff_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 1966.033+/-0.771 χ^2/NDF : 858095.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1847.759+/-0.687 χ^2/NDF : 1028661.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

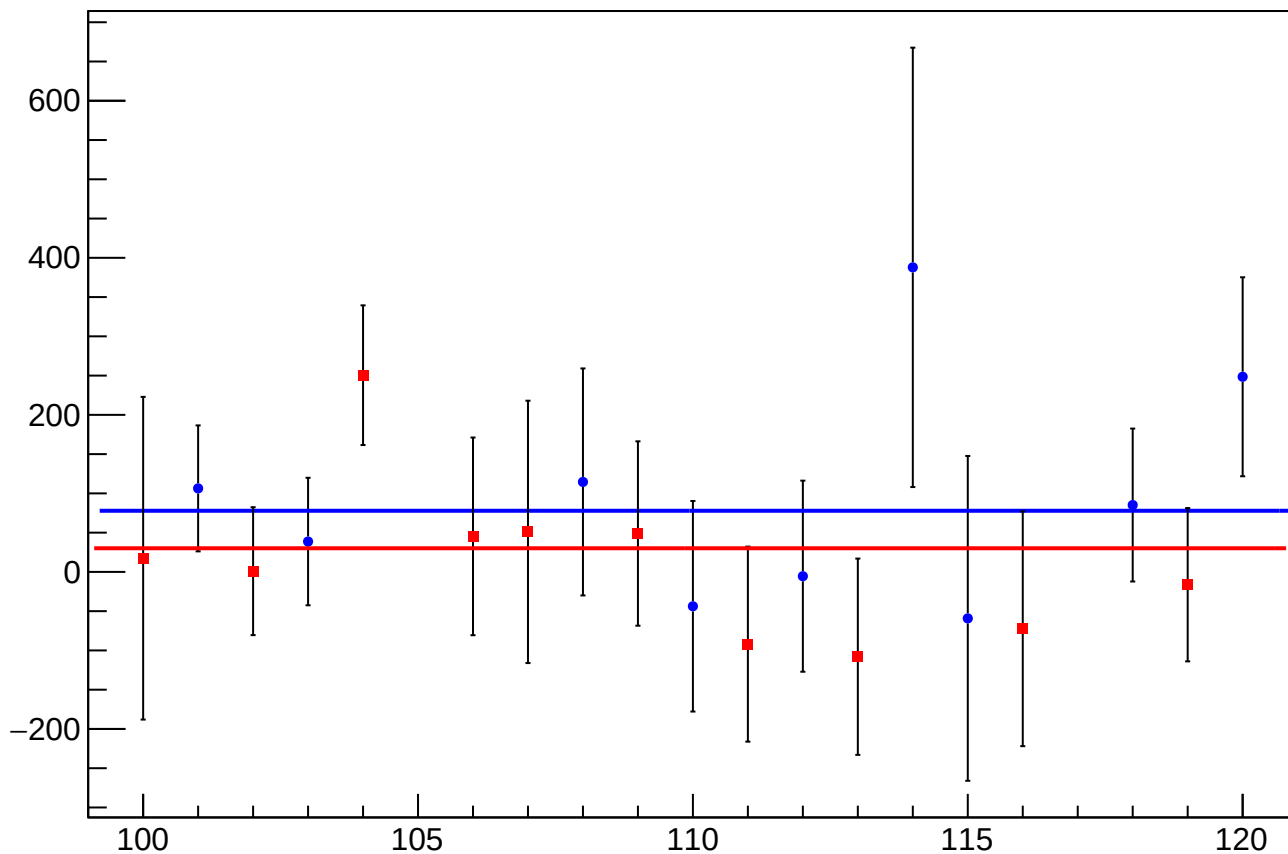
Right: 1900.125+/-0.513 χ^2/NDF : 1899884.5/18

In: 1966.033+/-0.771 χ^2/NDF : 858095.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1900.125+/-0.513 χ^2/NDF : 1899884.5/18

diff_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 77.862 $\pm$ 38.288 χ^2 /NDF: 5.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 30.115 $\pm$ 36.496 χ^2 /NDF: 9.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

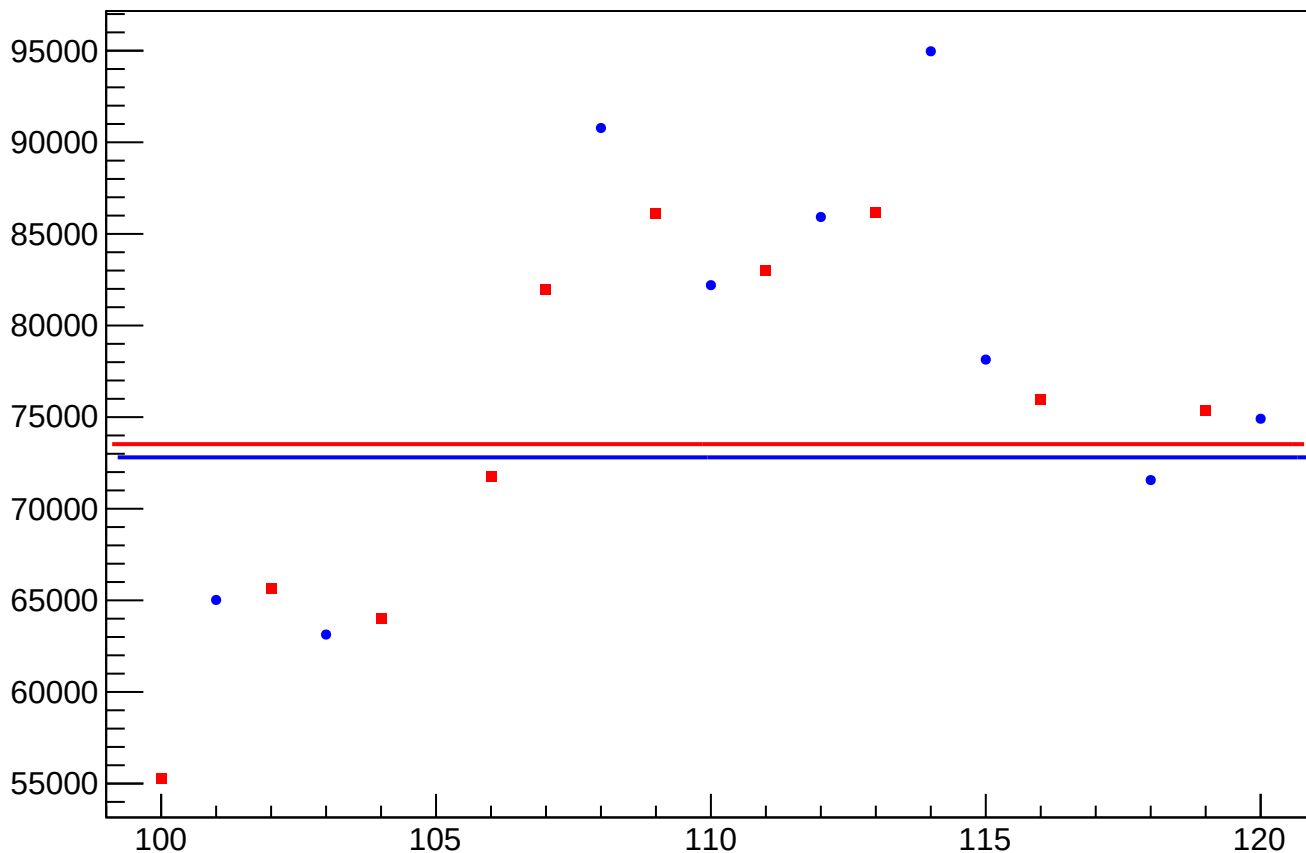
Right: 52.845 $\pm$ 26.418 χ^2 /NDF: 15.2/18

In: 77.862 $\pm$ 38.288 χ^2 /NDF: 5.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 52.845 $\pm$ 26.418 χ^2 /NDF: 15.2/18

diff_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 72805.456+/-27.074 χ^2/NDF : 125995.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73525.419+/-25.807 χ^2/NDF : 119341.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

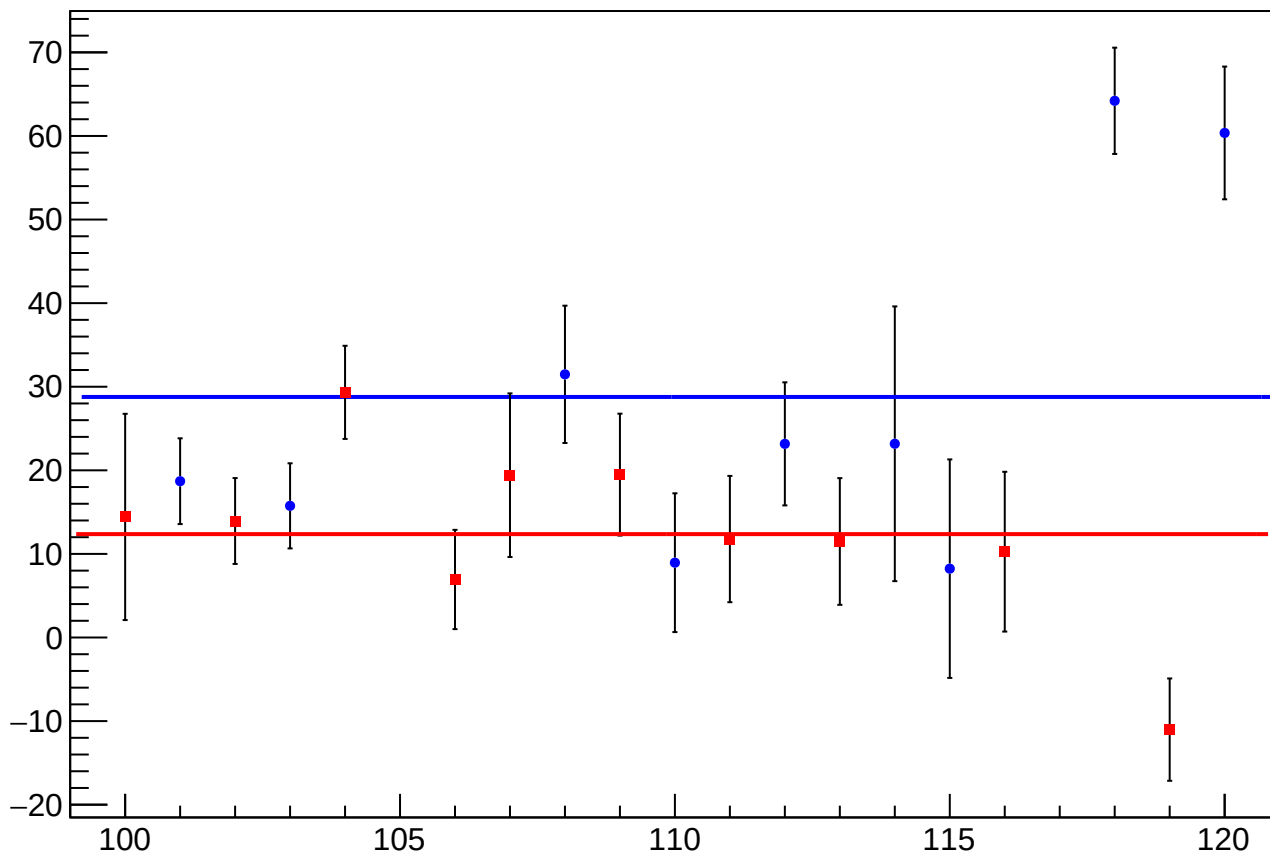
Right: 73182.679+/-18.680 χ^2/NDF : 245707.4/18

In: 72805.456+/-27.074 χ^2/NDF : 125995.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73182.679+/-18.680 χ^2/NDF : 245707.4/18

diff_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 28.777+/-2.394 χ^2/NDF : 66.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.368+/-2.199 χ^2/NDF : 26.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

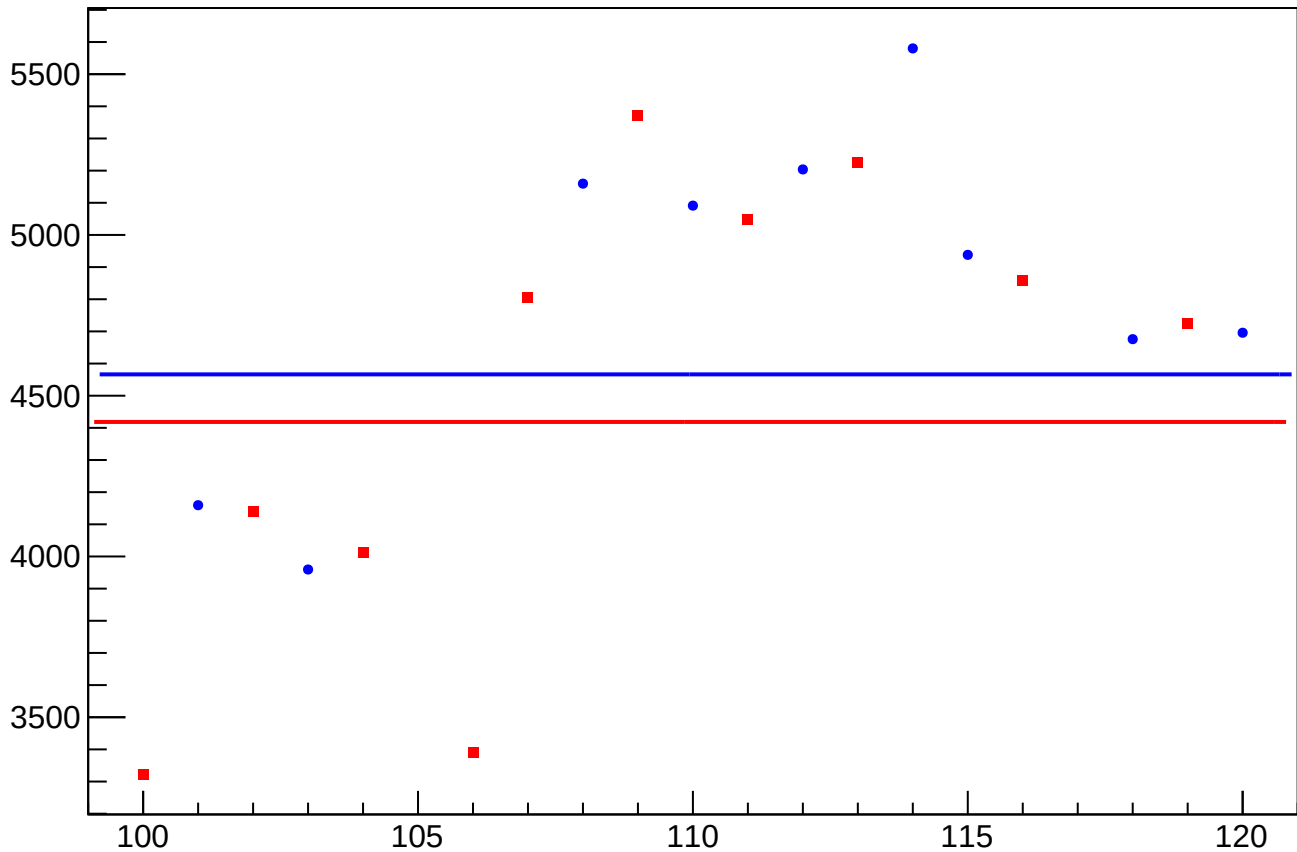
Right: 19.877+/-1.619 χ^2/NDF : 118.1/18

In: 28.777+/-2.394 χ^2/NDF : 66.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.877+/-1.619 χ^2/NDF : 118.1/18

diff_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 4566.353+/-1.693 χ^2/NDF : 84767.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4418.393+/-1.555 χ^2/NDF : 175691.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

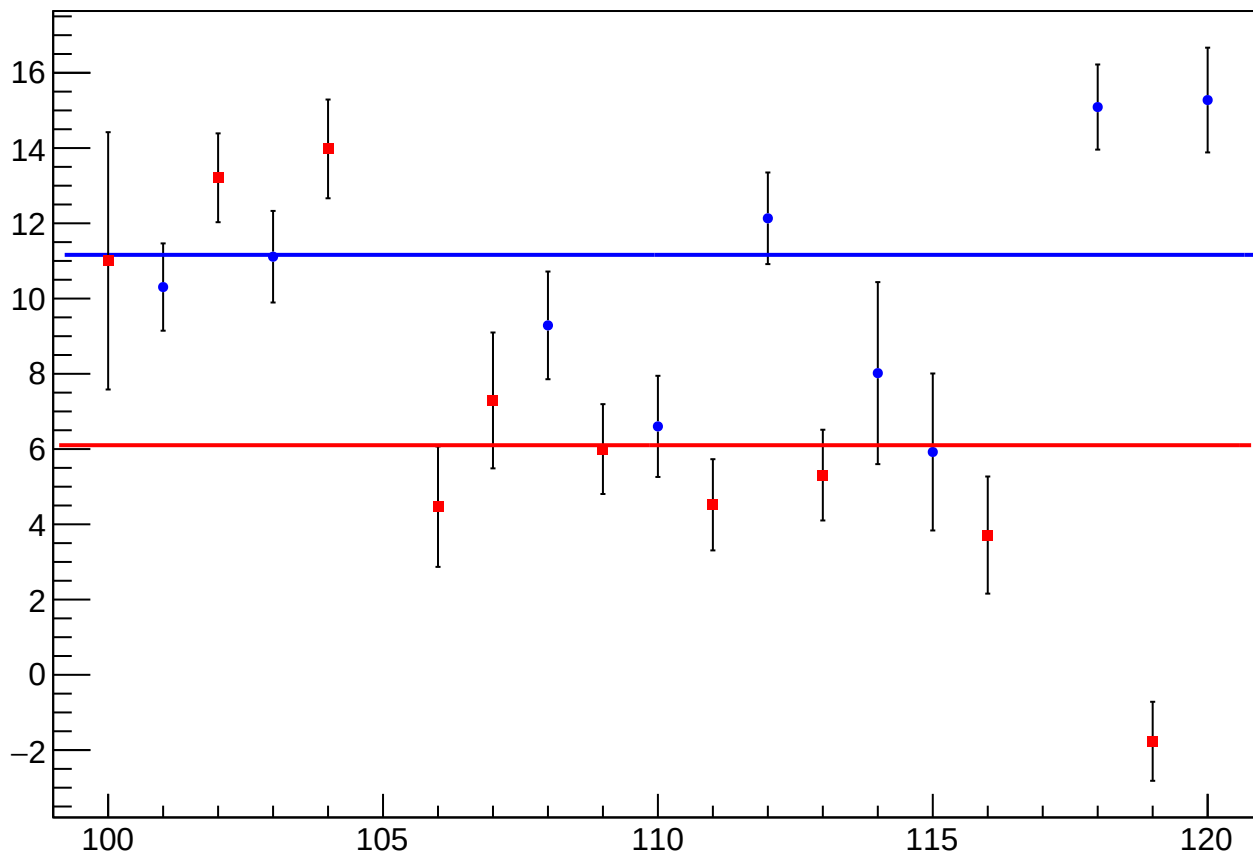
Right: 4486.103+/-1.145 χ^2/NDF : 264603.9/18

In: 4566.353+/-1.693 χ^2/NDF : 84767.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4486.103+/-1.145 χ^2/NDF : 264603.9/18

diff_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 11.162 $\pm$ 0.455 χ^2 /NDF: 43.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 6.102 $\pm$ 0.428 χ^2 /NDF: 136.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

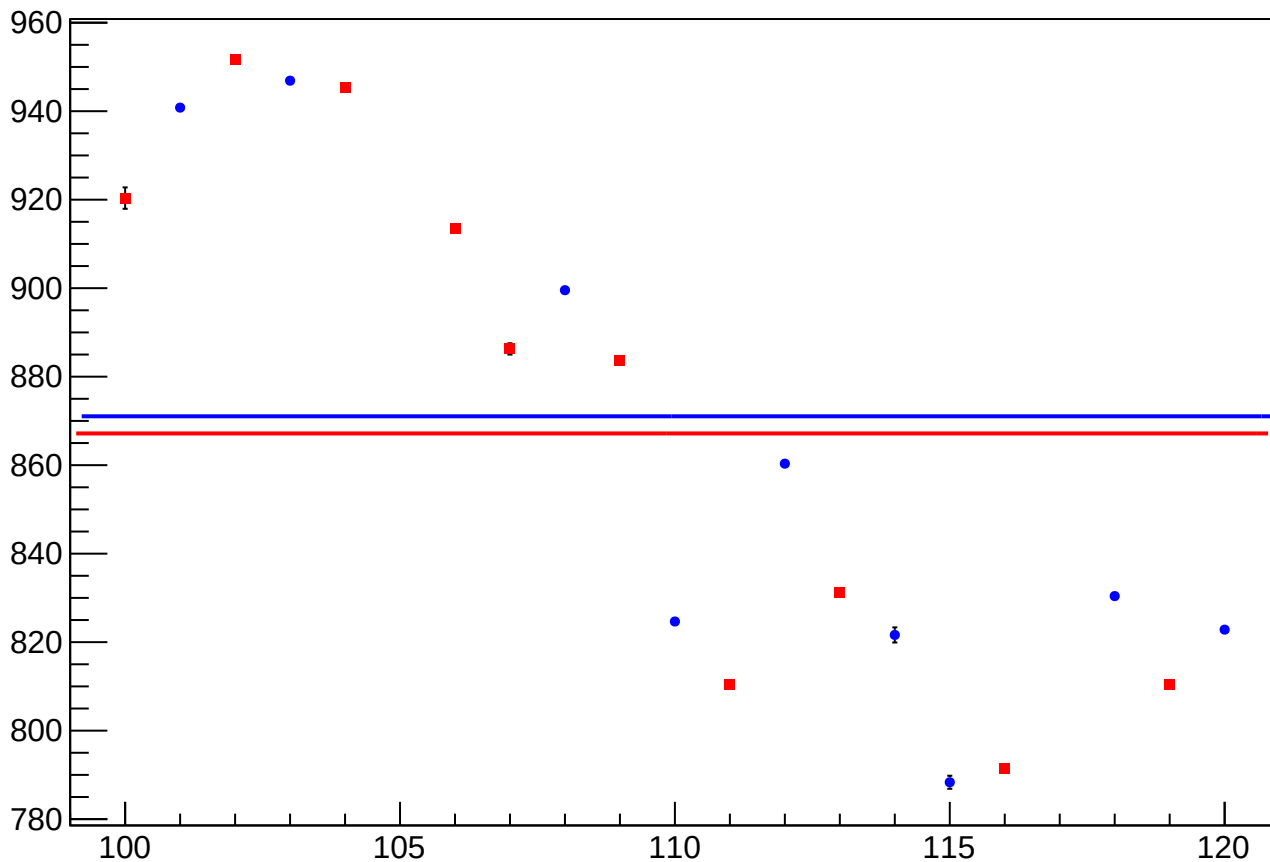
Right: 8.475 $\pm$ 0.312 χ^2 /NDF: 245.3/18

In: 11.162 $\pm$ 0.455 χ^2 /NDF:43.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 8.475 $\pm$ 0.312 χ^2 /NDF: 245.3/18

diff_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 871.046+/-0.322 χ^2/NDF : 27287.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 867.172+/-0.302 χ^2/NDF : 36843.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

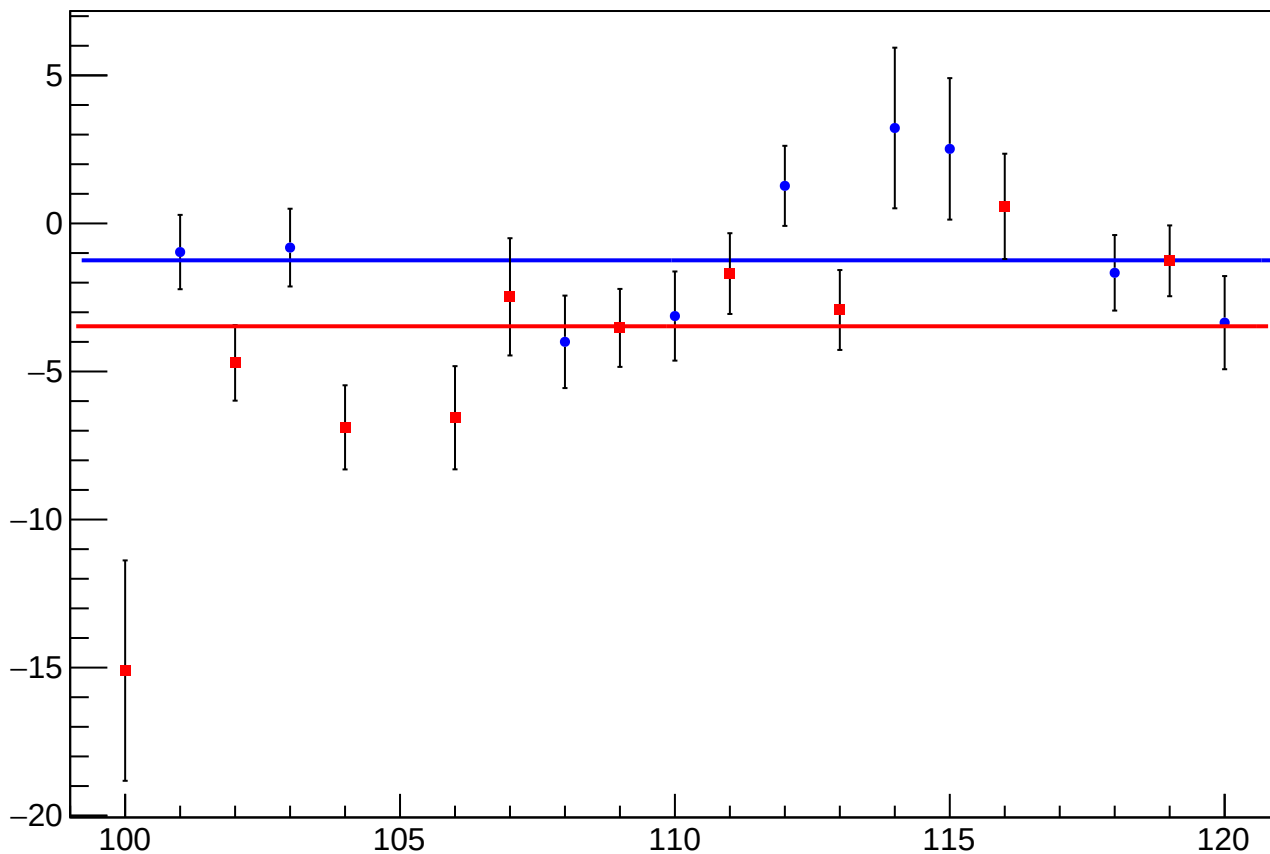
Right: 868.989+/-0.220 χ^2/NDF : 64208.7/18

In: 871.046+/-0.322 χ^2/NDF : 27287.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 868.989+/-0.220 χ^2/NDF : 64208.7/18

diff_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -1.246 $\pm$ 0.504 χ^2 /NDF: 15.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.473 $\pm$ 0.474 χ^2 /NDF: 30.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

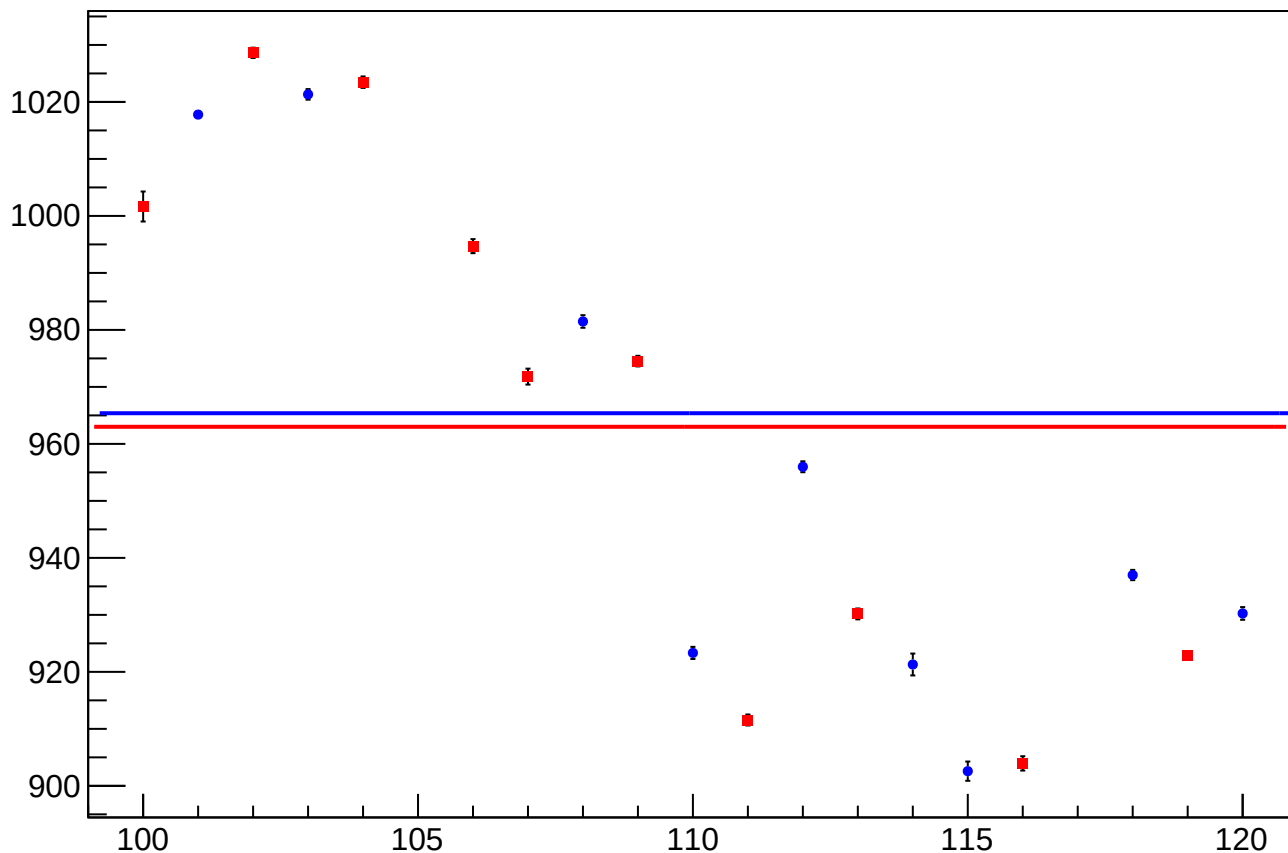
Right: -2.426 $\pm$ 0.345 χ^2 /NDF: 56.1/18

In: -1.246 $\pm$ 0.504 χ^2 /NDF:15.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.426 $\pm$ 0.345 χ^2 /NDF: 56.1/18

diff_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 965.383+/-0.356 χ^2/NDF : 12886.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 963.001+/-0.335 χ^2/NDF : 18462.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

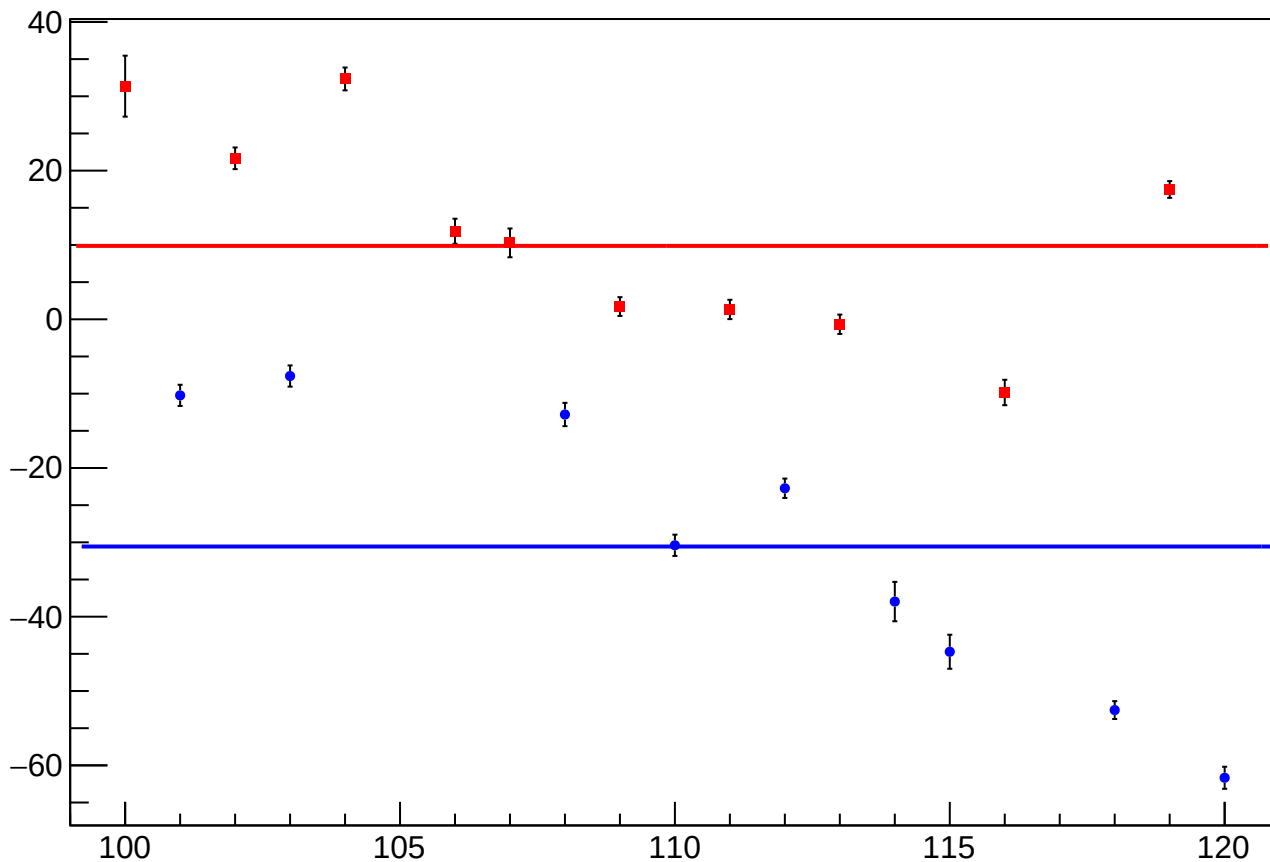
Right: 964.120+/-0.244 χ^2/NDF : 31372.8/18

In: 965.383+/-0.356 χ^2/NDF :12886.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 964.120+/-0.244 χ^2/NDF : 31372.8/18

diff_bpm2i02X_mean vs Slug, Sign Corrected



Right In: -30.563 ± 0.504 $\chi^2/\text{NDF}: 1445.8/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 9.878 ± 0.471 $\chi^2/\text{NDF}: 637.1/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

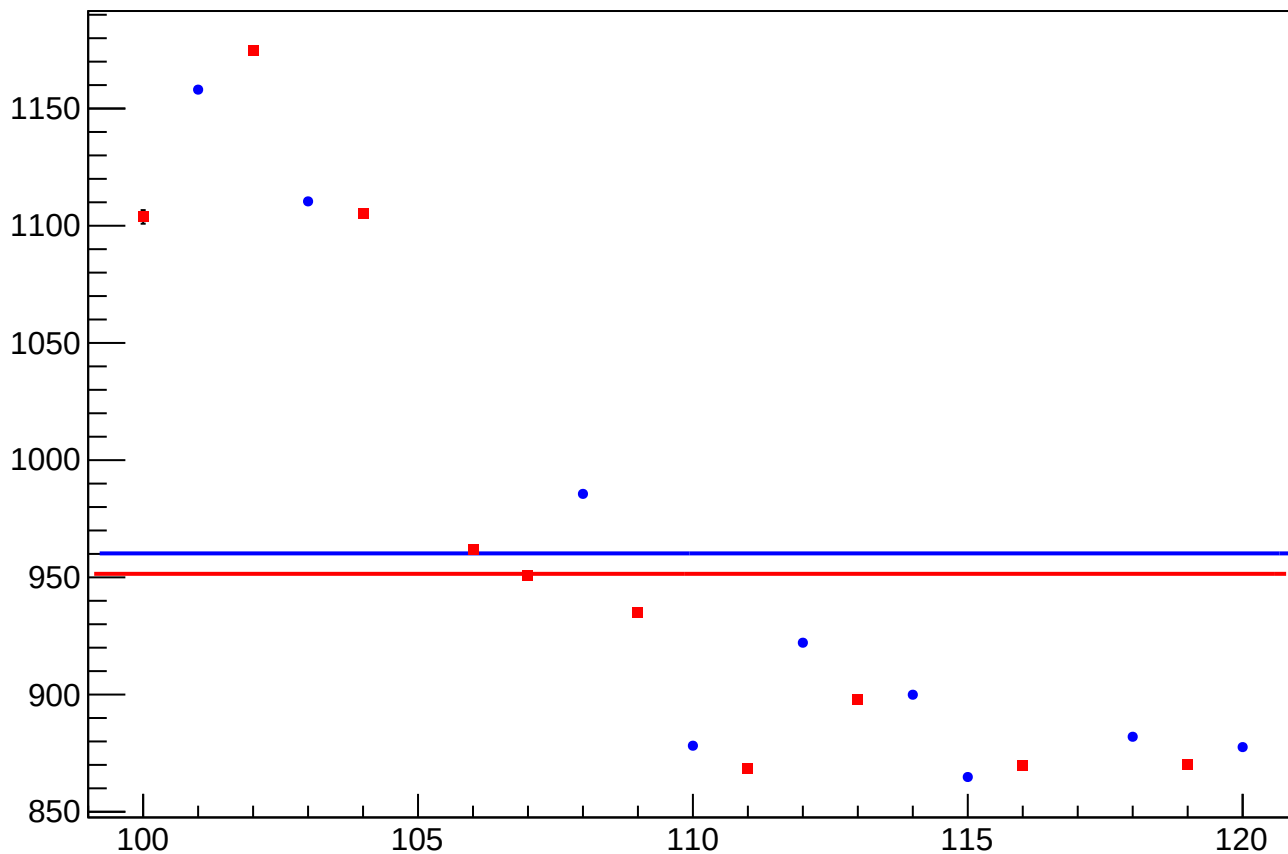
Right: -8.987 ± 0.344 $\chi^2/\text{NDF}: 5524.3/18$

In: -30.563 ± 0.504 $\chi^2/\text{NDF}: 1445.8/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -8.987 ± 0.344 $\chi^2/\text{NDF}: 5524.3/18$

diff_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 960.223+/-0.356 χ^2/NDF : 88490.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 951.503+/-0.333 χ^2/NDF : 96713.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

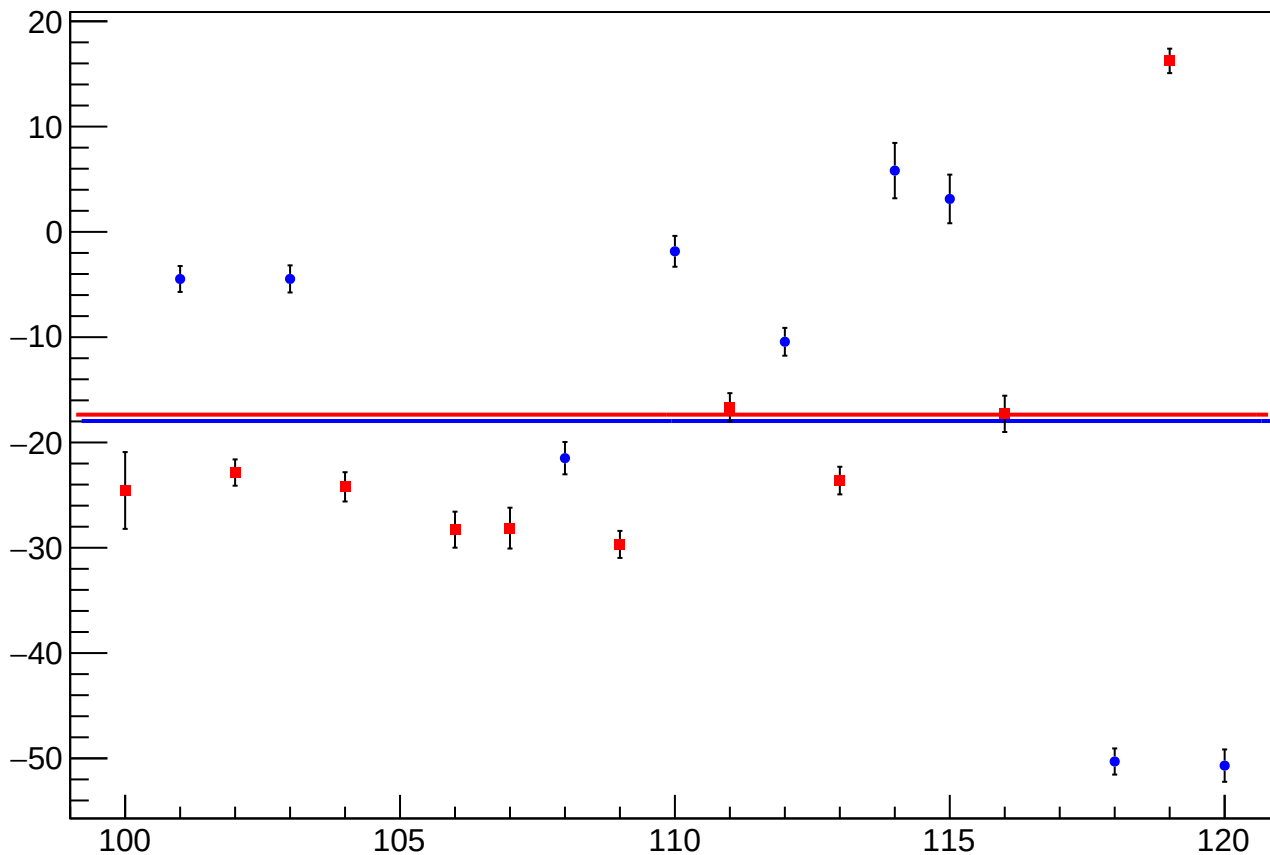
Right: 955.571+/-0.243 χ^2/NDF : 185524.3/18

In: 960.223+/-0.356 χ^2/NDF : 88490.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 955.571+/-0.243 χ^2/NDF : 185524.3/18

diff_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -17.961+/-0.492 χ^2/NDF : 1684.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.356+/-0.463 χ^2/NDF : 1071.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

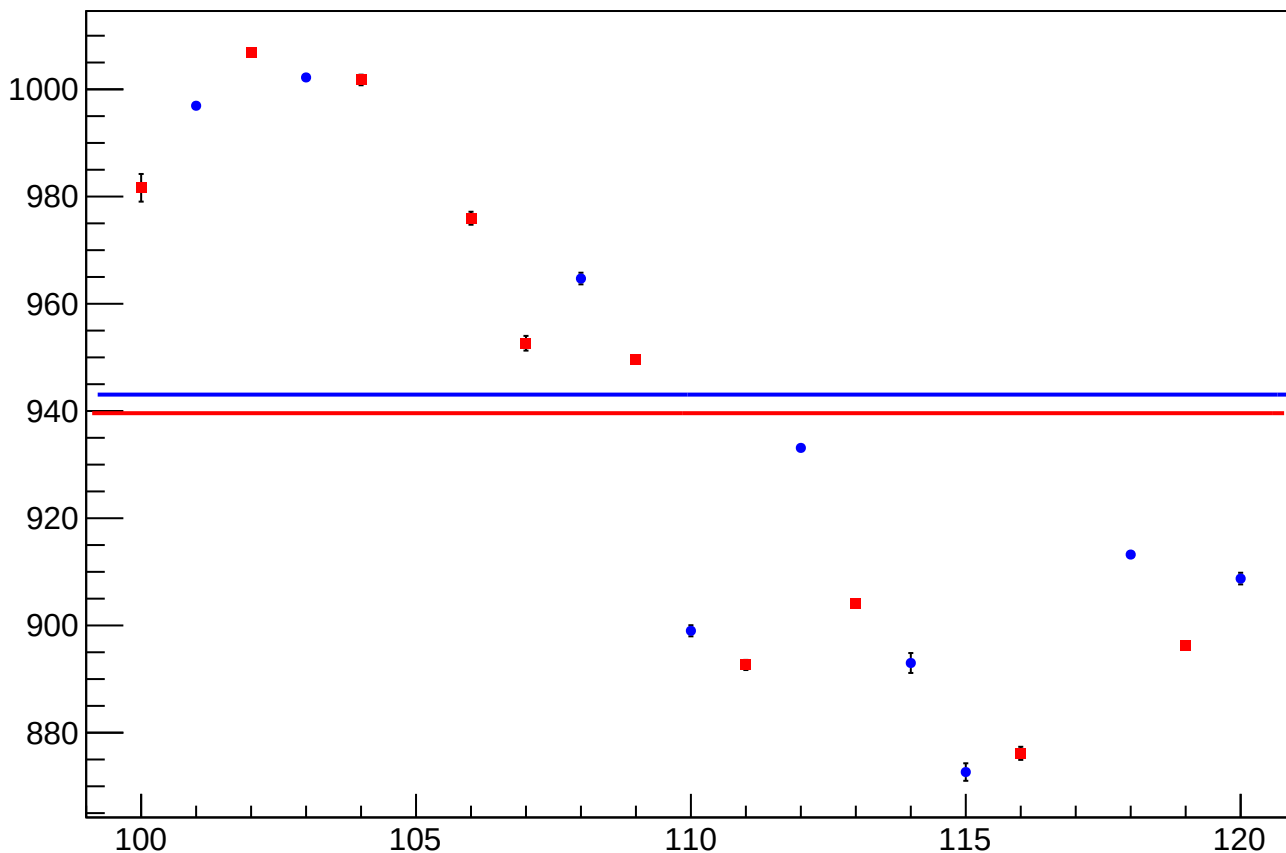
Right: -17.640+/-0.337 χ^2/NDF : 2756.8/18

In: -17.961+/-0.492 χ^2/NDF : 1684.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.640+/-0.337 χ^2/NDF : 2756.8/18

diff_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 943.060+/-0.348 χ^2/NDF : 15111.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 939.593+/-0.327 χ^2/NDF : 20611.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

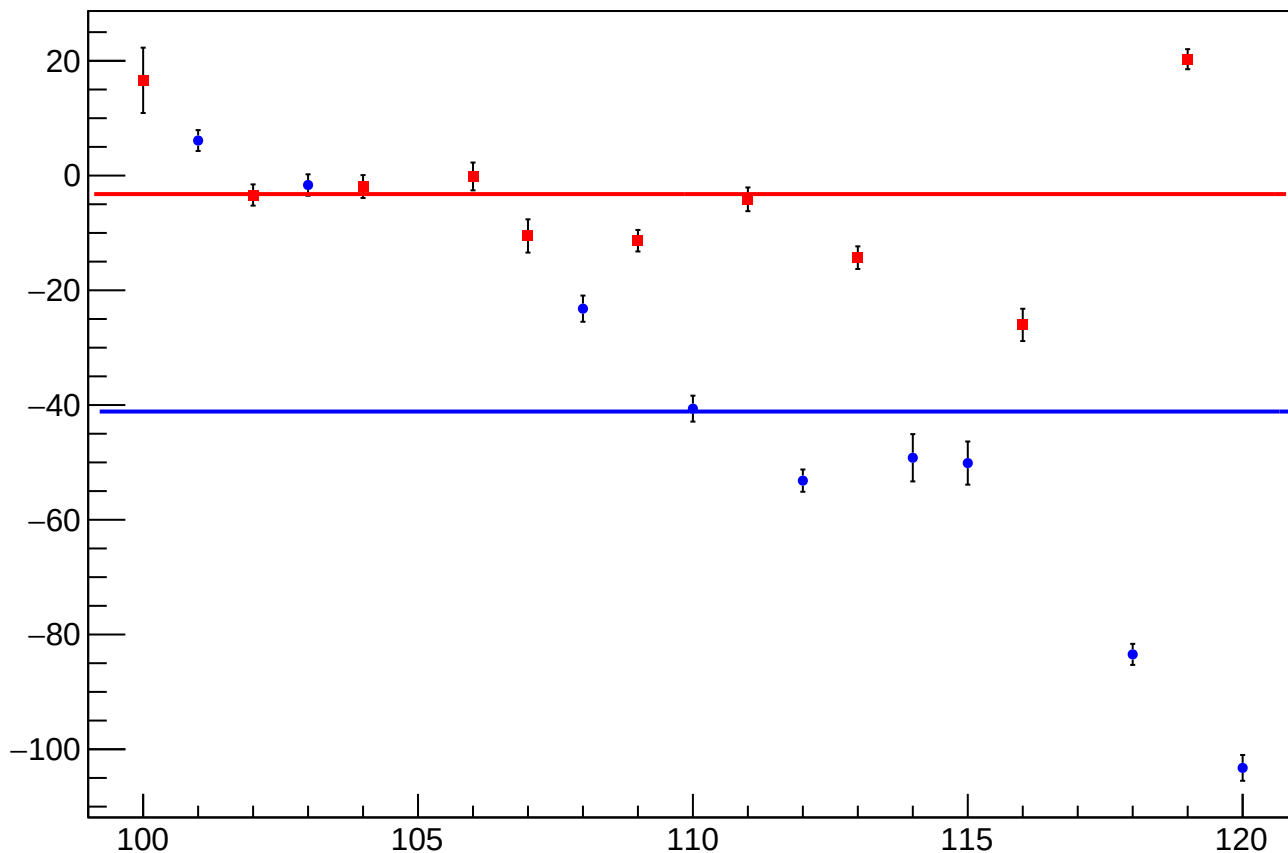
Right: 941.221+/-0.238 χ^2/NDF : 35775.7/18

In: 943.060+/-0.348 χ^2/NDF : 15111.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 941.221+/-0.238 χ^2/NDF : 35775.7/18

diff_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -41.131 ± 0.732 χ^2/NDF : 2528.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.228 ± 0.691 χ^2/NDF : 318.0/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

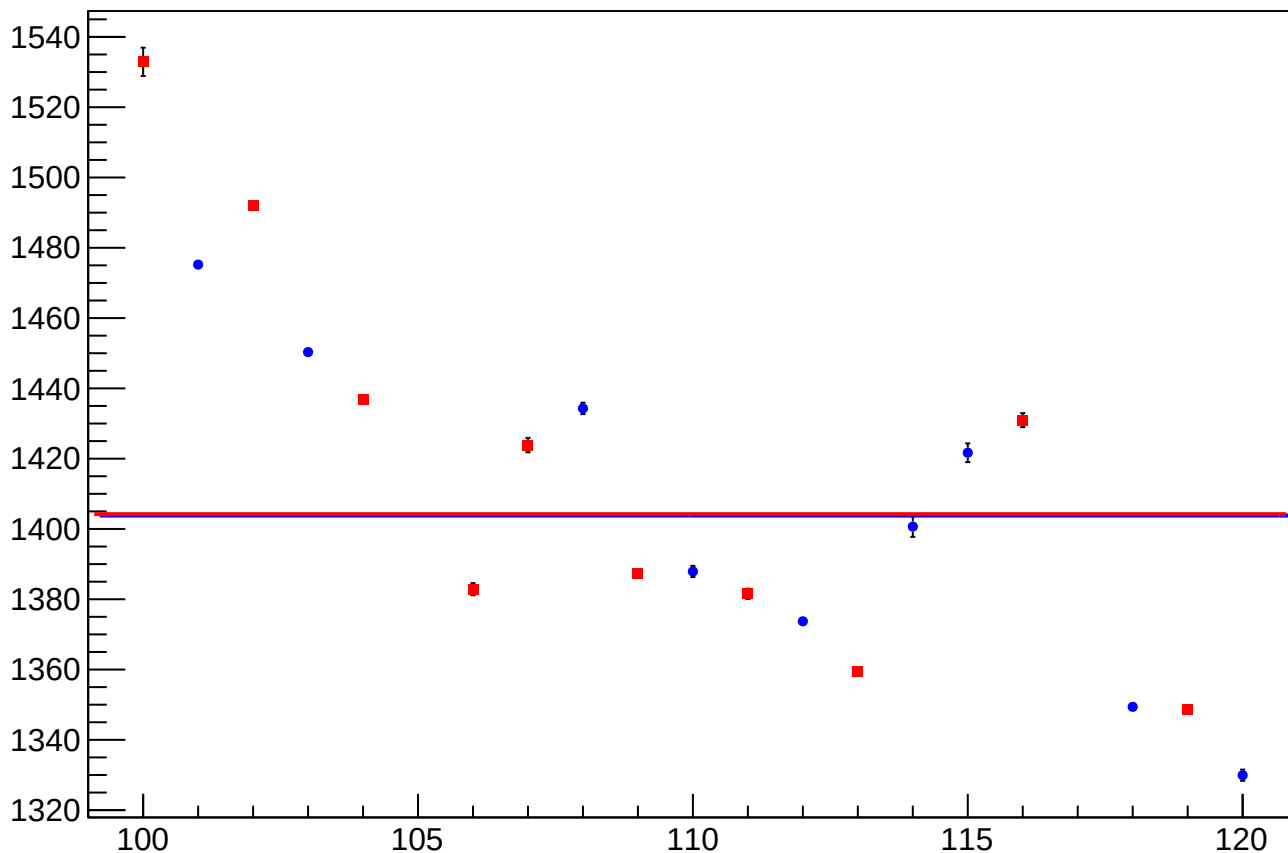
Right: -21.096 ± 0.502 χ^2/NDF : 4264.3/18

In: -41.131 ± 0.732 χ^2/NDF : 2528.5/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -21.096 ± 0.502 χ^2/NDF : 4264.3/18

diff_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 1403.818 $\pm$ 0.517 χ^2 /NDF: 9228.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1404.214 $\pm$ 0.489 χ^2 /NDF: 9936.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

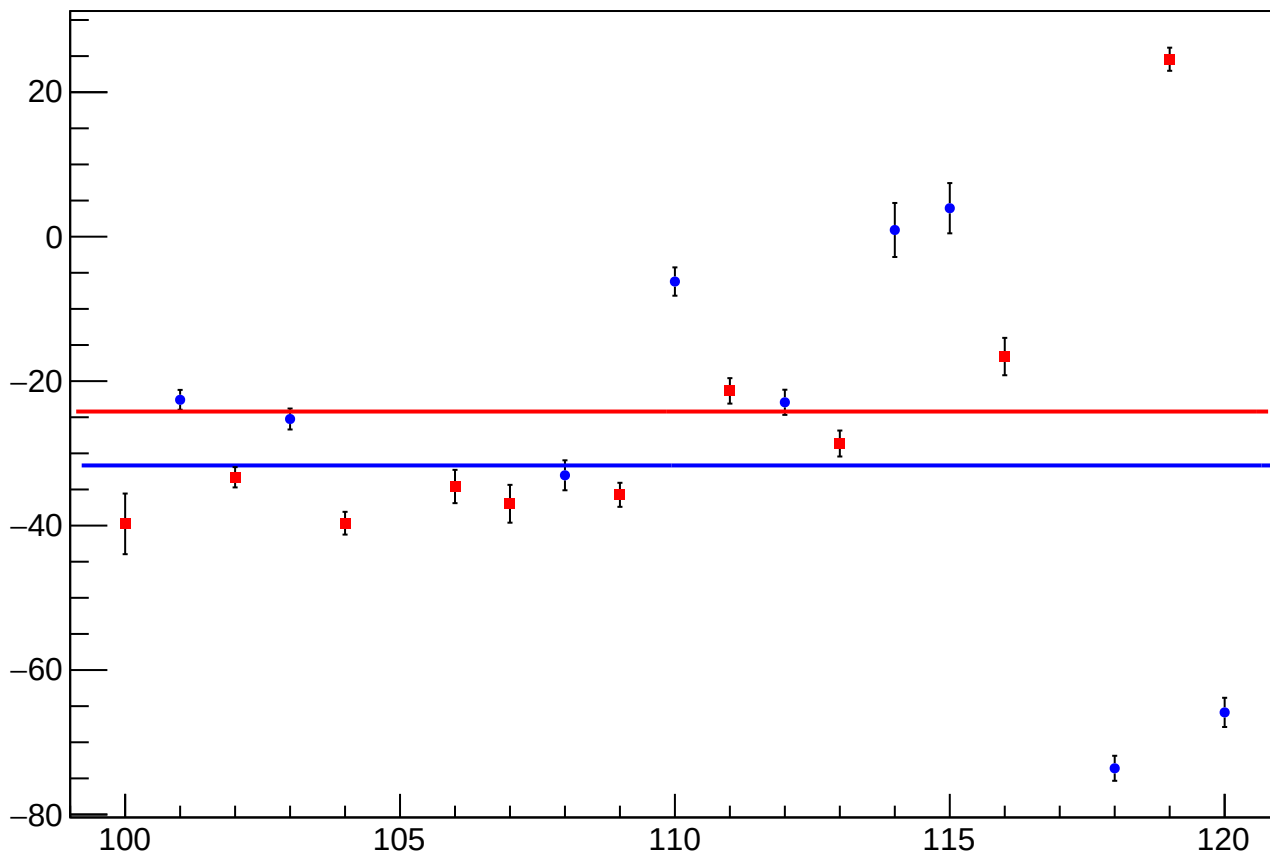
Right: 1404.027 $\pm$ 0.355 χ^2 /NDF: 19165.0/18

In: 1403.818 $\pm$ 0.517 χ^2 /NDF: 9228.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1404.027 $\pm$ 0.355 χ^2 /NDF: 19165.0/18

diff_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -31.674+/-0.625 χ^2/NDF : 1310.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -24.209+/-0.594 χ^2/NDF : 1189.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

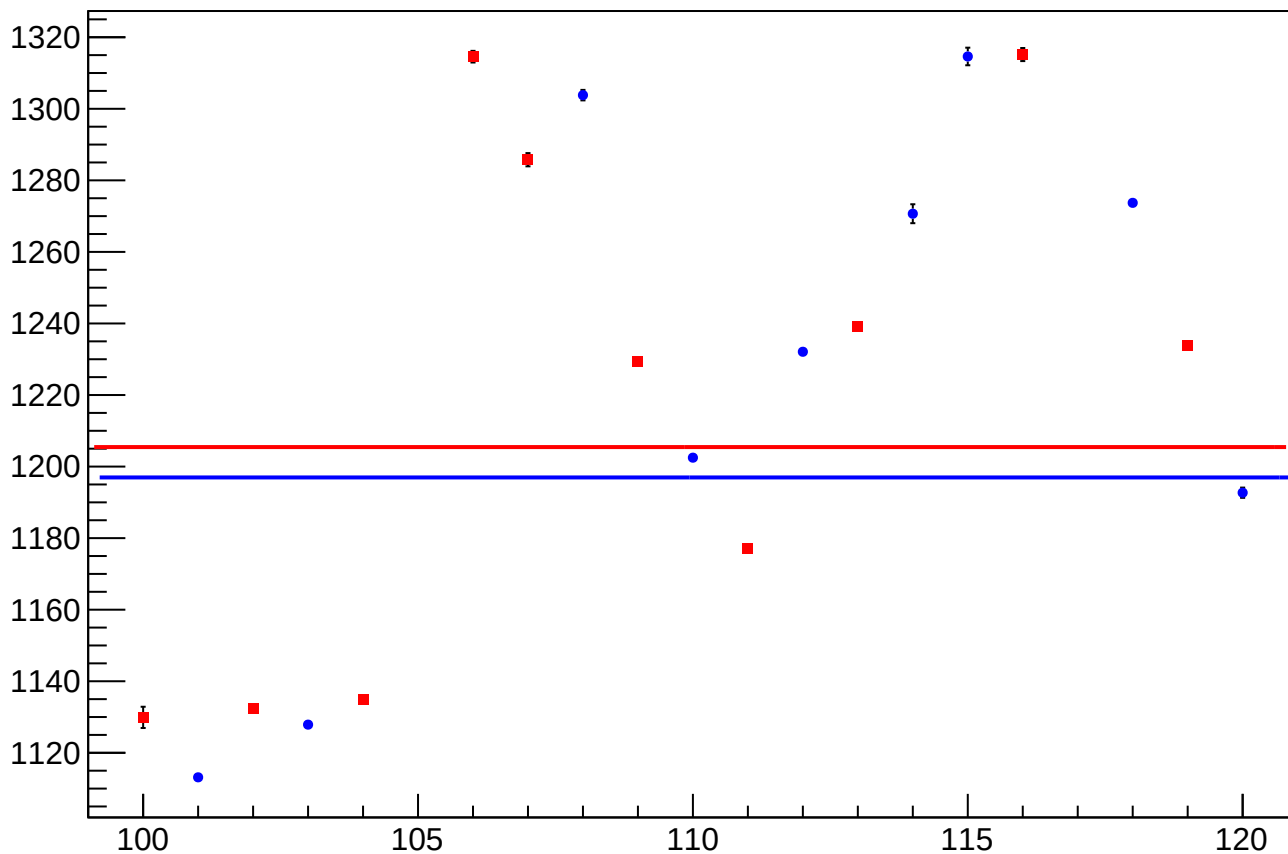
Right: -27.752+/-0.431 χ^2/NDF : 2574.7/18

In: -31.674+/-0.625 χ^2/NDF : 1310.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.752+/-0.431 χ^2/NDF : 2574.7/18

diff_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 1196.963 $\pm$ 0.442 χ^2 /NDF: 25130.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1205.452 $\pm$ 0.420 χ^2 /NDF: 22333.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

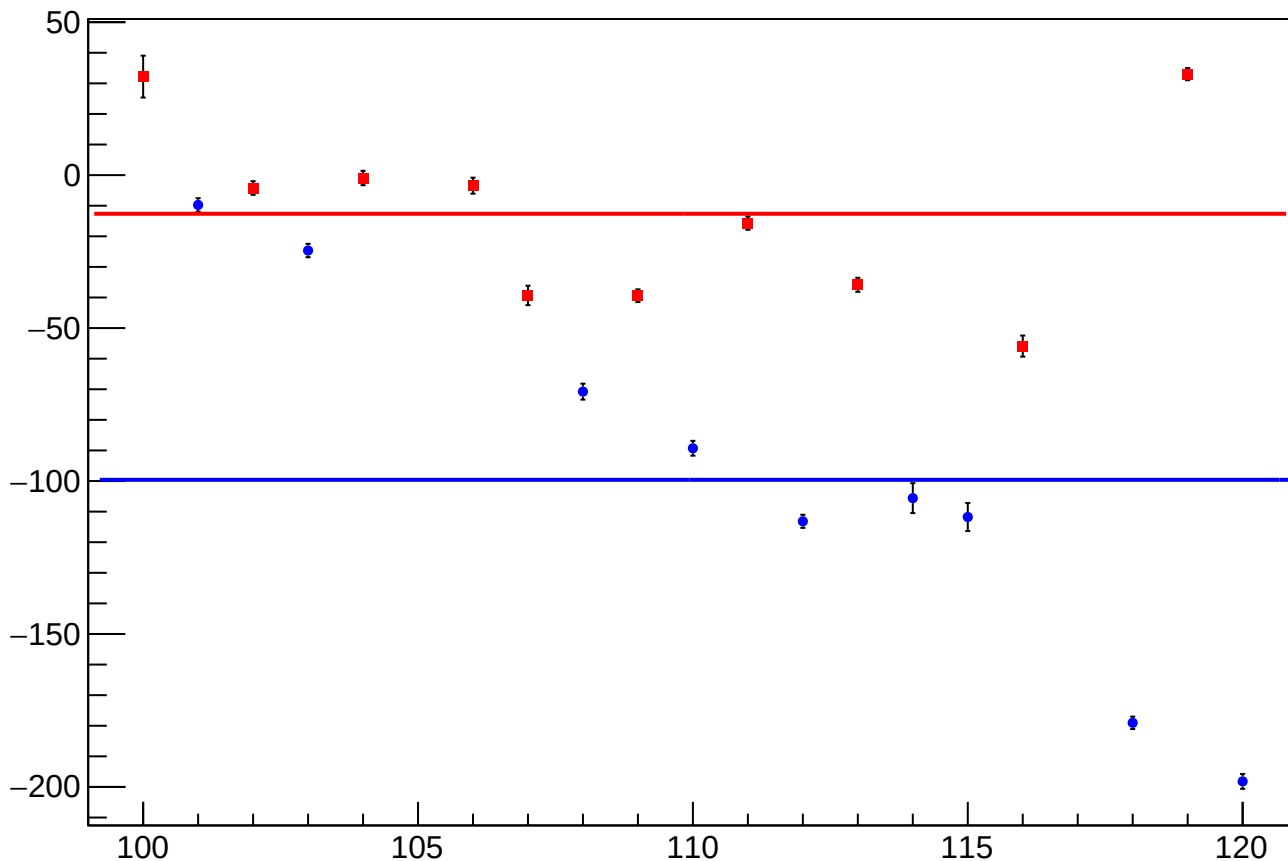
Right: 1201.422 $\pm$ 0.304 χ^2 /NDF: 47657.6/18

In: 1196.963 $\pm$ 0.442 χ^2 /NDF:25130.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1201.422 $\pm$ 0.304 χ^2 /NDF: 47657.6/18

diff_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: -99.605+/-0.832 χ^2/NDF : 6154.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.631+/-0.787 χ^2/NDF : 1116.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

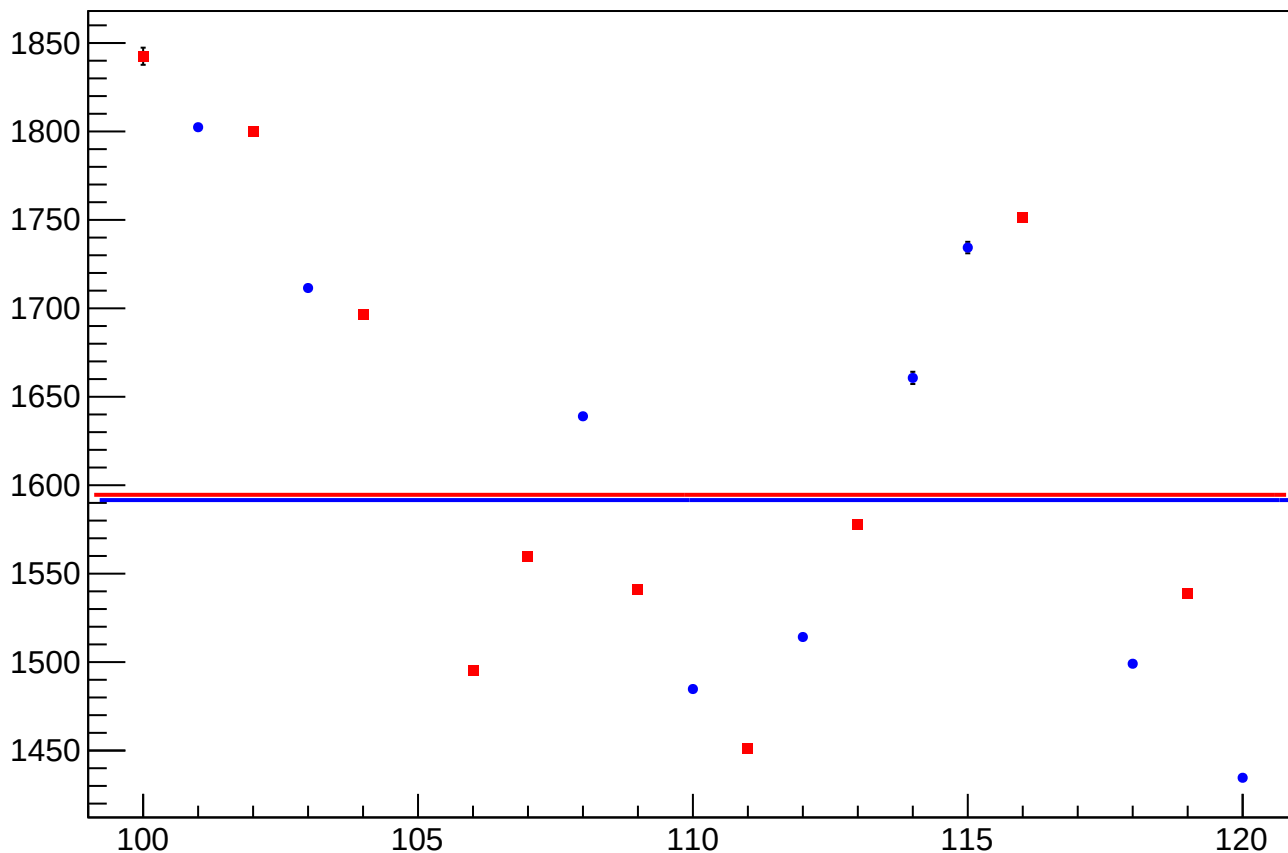
Right: -53.676+/-0.572 χ^2/NDF : 13041.3/18

In: -99.605+/-0.832 χ^2/NDF : 6154.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -53.676+/-0.572 χ^2/NDF : 13041.3/18

diff_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 1591.593+/-0.588 χ^2/NDF : 45927.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1594.578+/-0.556 χ^2/NDF : 42257.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

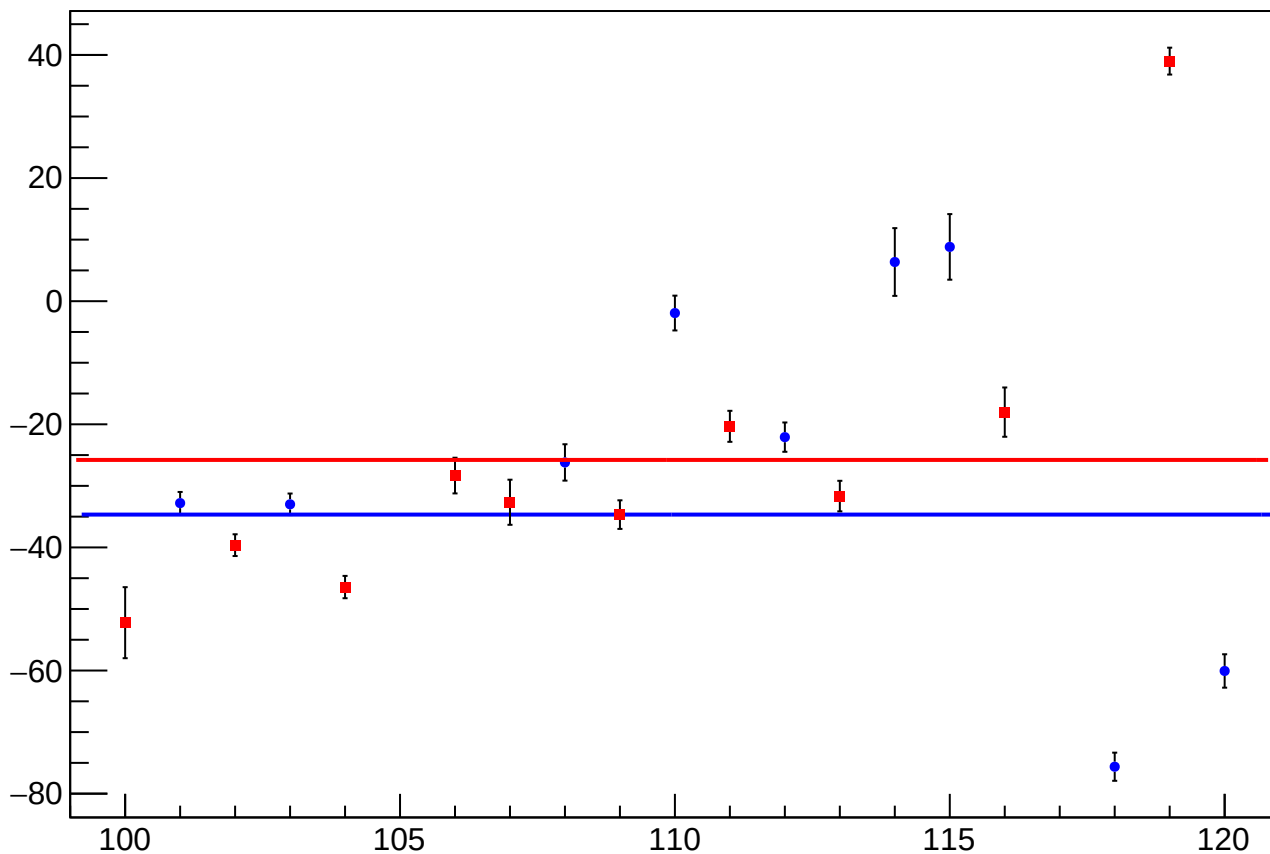
Right: 1593.169+/-0.404 χ^2/NDF : 88199.0/18

In: 1591.593+/-0.588 χ^2/NDF : 45927.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1593.169+/-0.404 χ^2/NDF : 88199.0/18

diff_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -34.666+/-0.832 χ^2/NDF : 703.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.787+/-0.784 χ^2/NDF : 1124.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

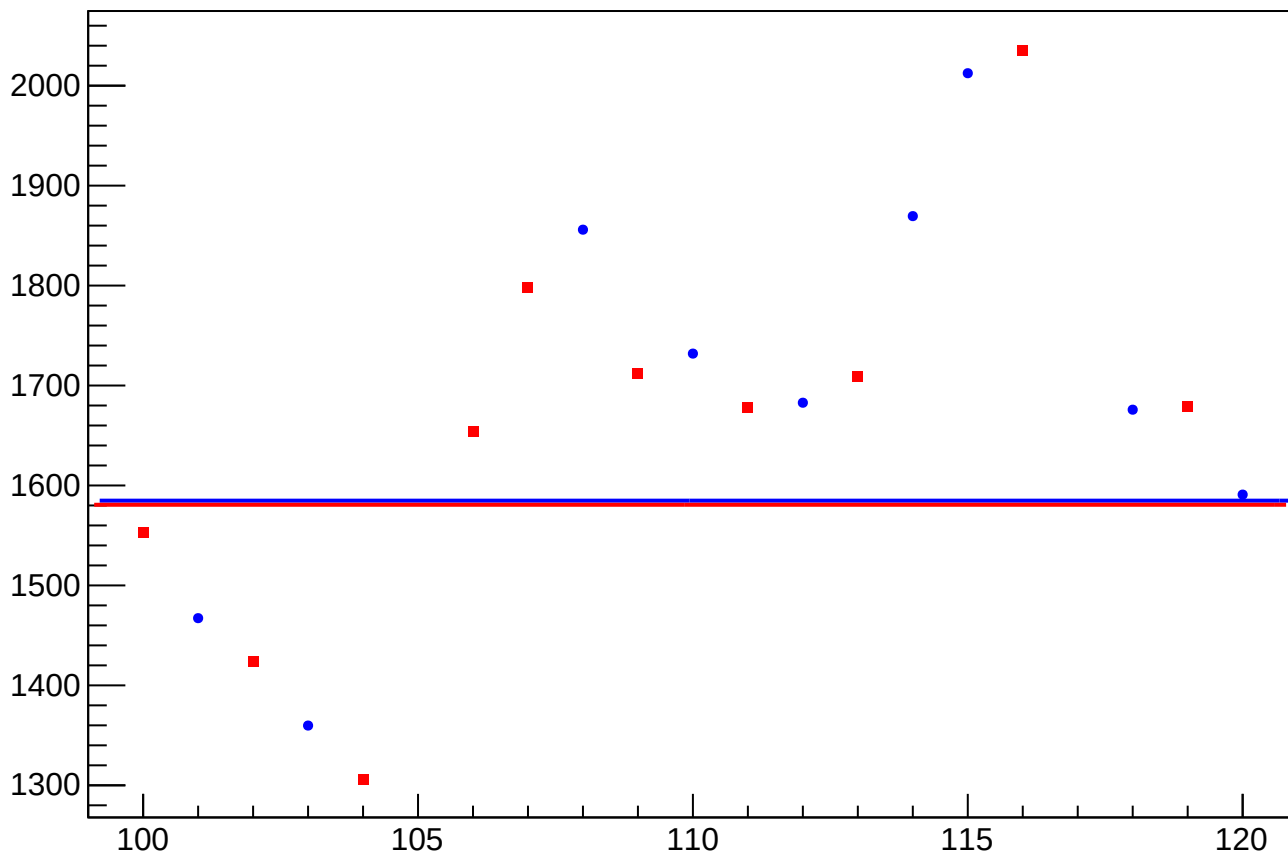
Right: -29.963+/-0.571 χ^2/NDF : 1888.1/18

In: -34.666+/-0.832 χ^2/NDF : 703.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.963+/-0.571 χ^2/NDF : 1888.1/18

diff_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 1584.804+/-0.589 χ^2/NDF : 88589.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1580.695+/-0.555 χ^2/NDF : 114575.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

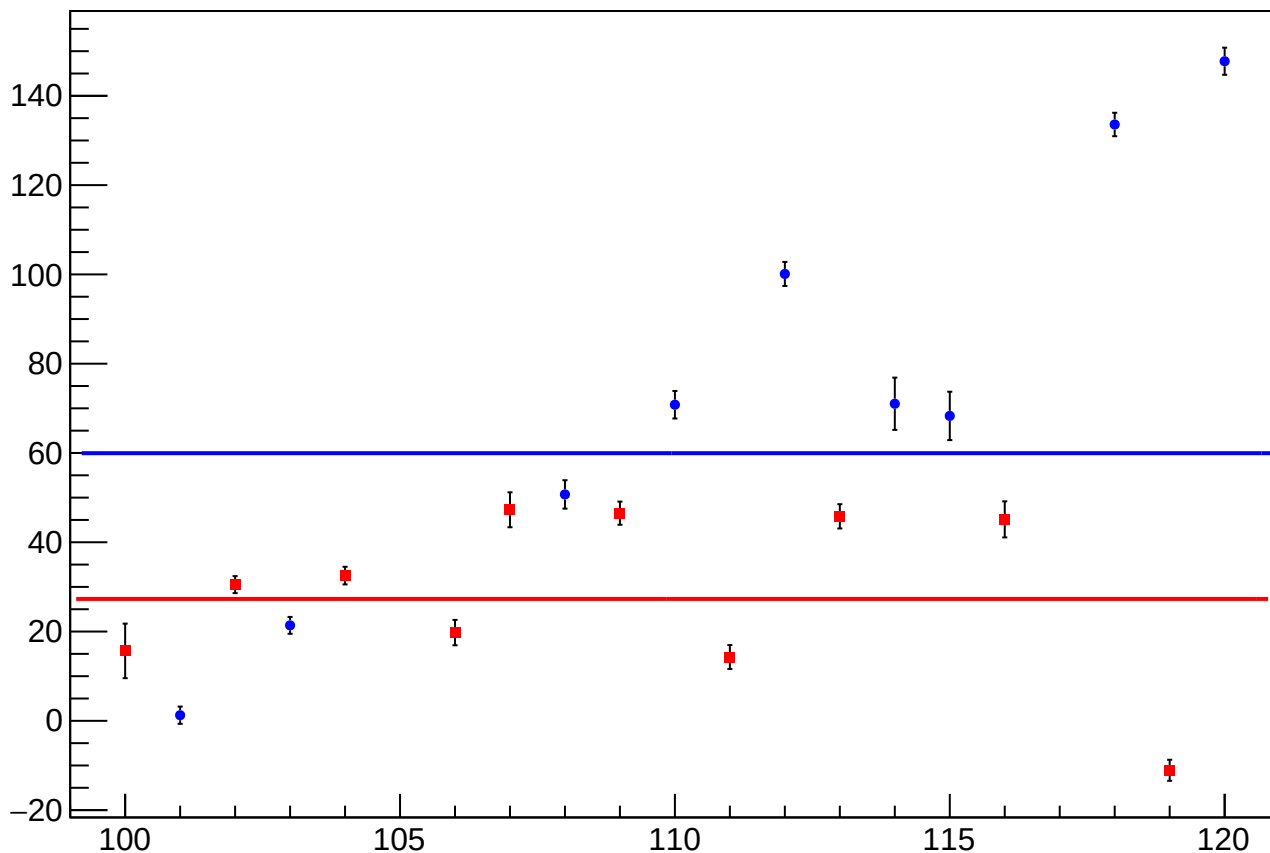
Right: 1582.628+/-0.404 χ^2/NDF : 203190.7/18

In: 1584.804+/-0.589 χ^2/NDF : 88589.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1582.628+/-0.404 χ^2/NDF : 203190.7/18

diff_bpm0i05X_mean vs Slug, Sign Corrected



Right In: 59.955+/-0.910 χ^2/NDF : 3210.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.310+/-0.841 χ^2/NDF : 456.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

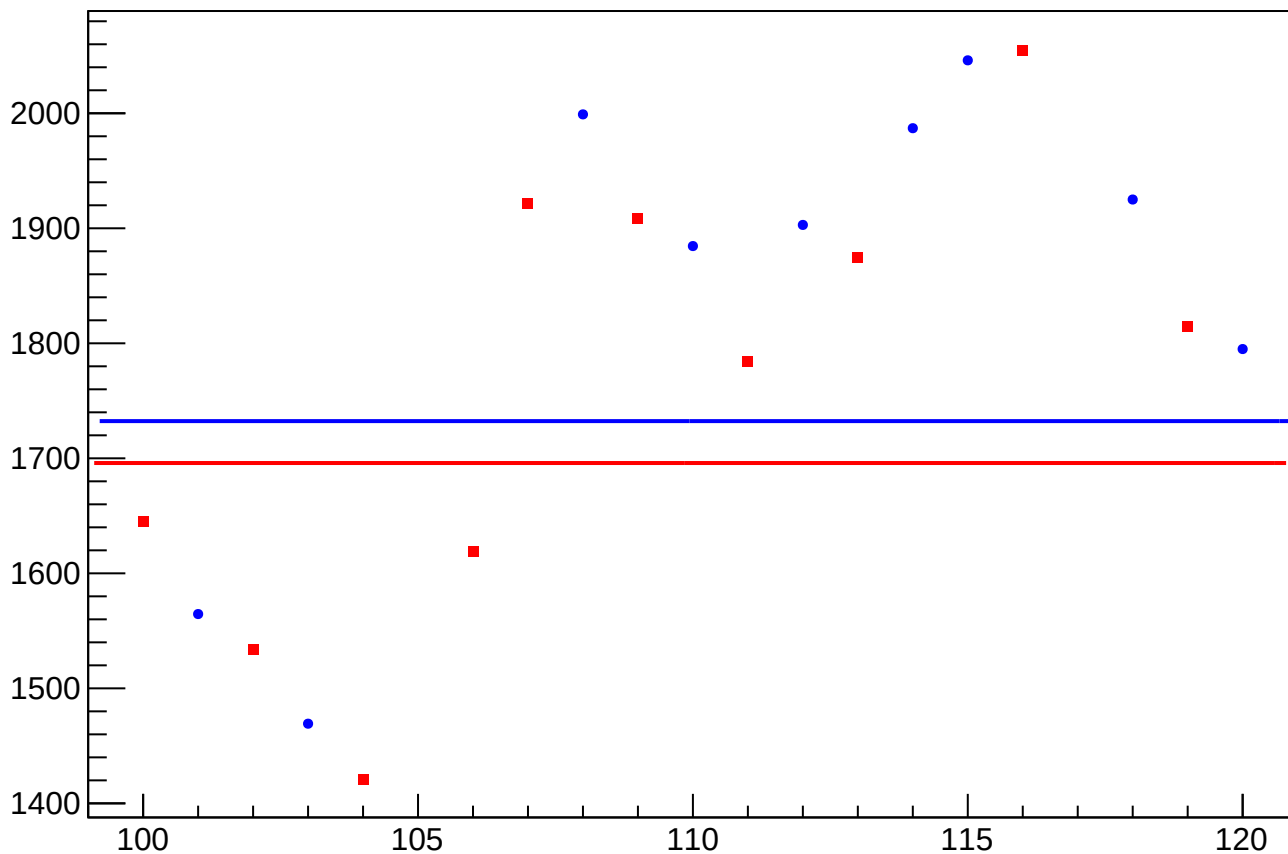
Right: 42.337+/-0.618 χ^2/NDF : 4360.9/18

In: 59.955+/-0.910 χ^2/NDF : 3210.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.337+/-0.618 χ^2/NDF : 4360.9/18

diff_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 1732.355+/-0.644 χ^2/NDF : 102908.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1695.913+/-0.595 χ^2/NDF : 106836.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

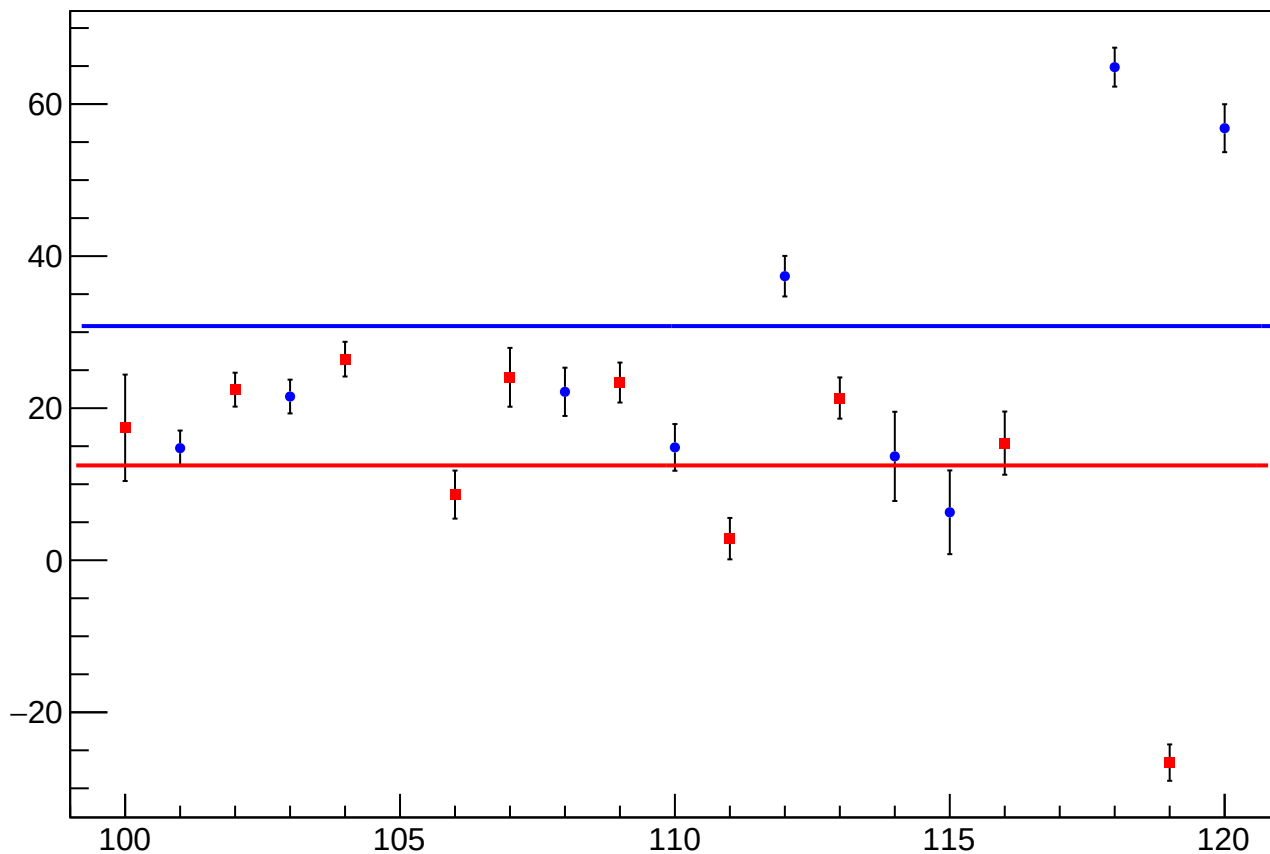
Right: 1712.688+/-0.437 χ^2/NDF : 211474.8/18

In: 1732.355+/-0.644 χ^2/NDF : 102908.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1712.688+/-0.437 χ^2/NDF : 211474.8/18

diff_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: 30.797+/-0.976 χ^2/NDF : 379.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.472+/-0.902 χ^2/NDF : 376.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

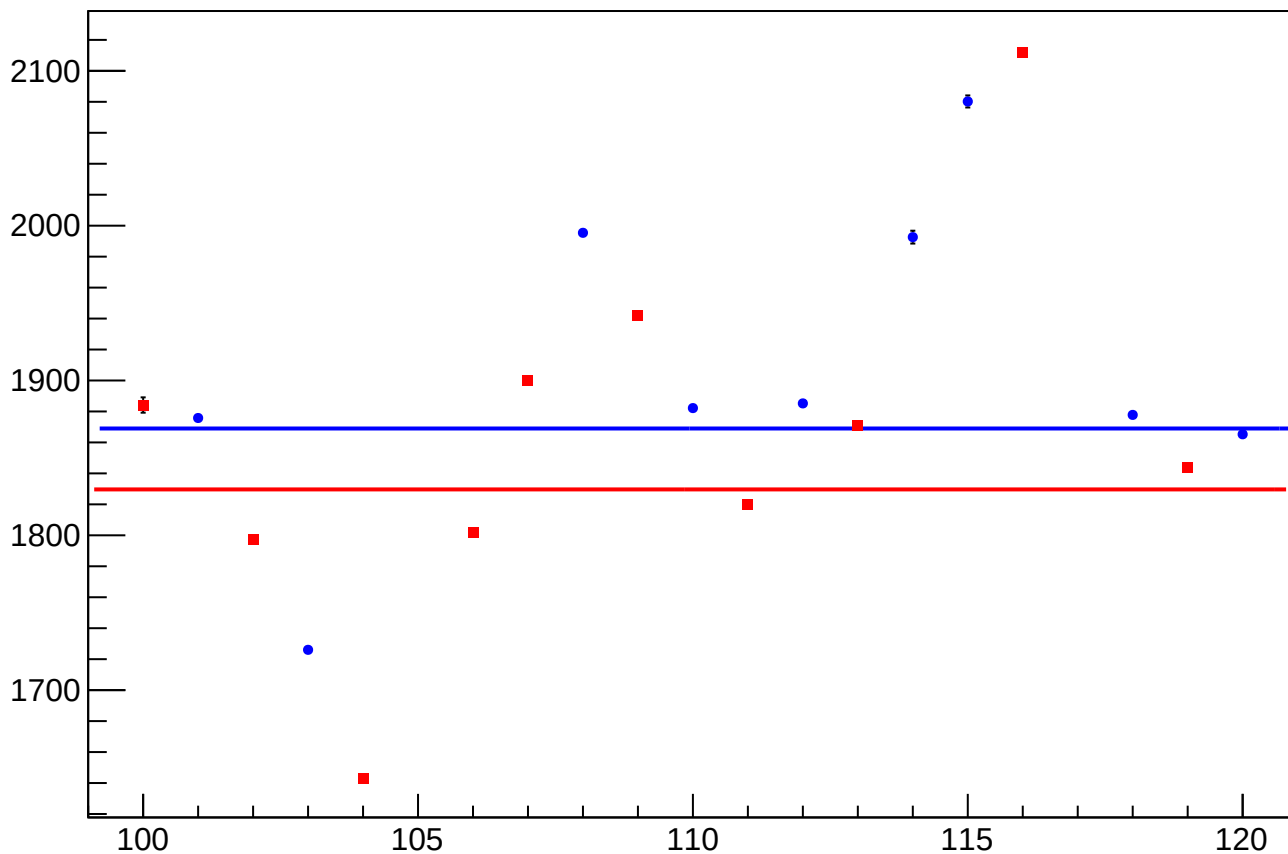
Right: 20.918+/-0.662 χ^2/NDF : 945.7/18

In: 30.797+/-0.976 χ^2/NDF : 379.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.918+/-0.662 χ^2/NDF : 945.7/18

diff_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 1868.994+/-0.690 χ^2/NDF : 15443.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1829.646+/-0.638 χ^2/NDF : 28192.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

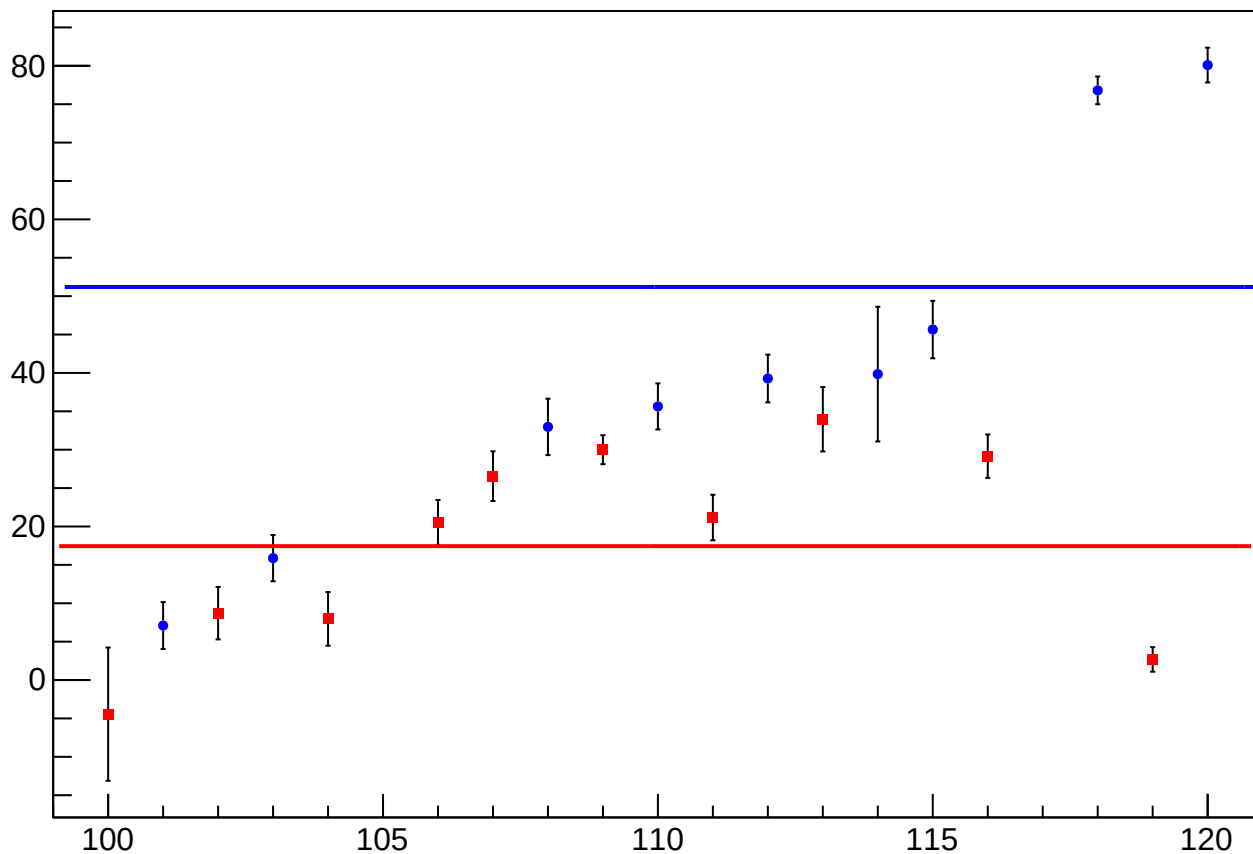
Right: 1847.781+/-0.468 χ^2/NDF : 45389.0/18

In: 1868.994+/-0.690 χ^2/NDF : 15443.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1847.781+/-0.468 χ^2/NDF : 45389.0/18

diff_bpm0i07X_mean vs Slug, Sign Corrected



Right In: 51.192+/-0.957 χ^2/NDF : 778.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.437+/-0.857 χ^2/NDF : 193.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

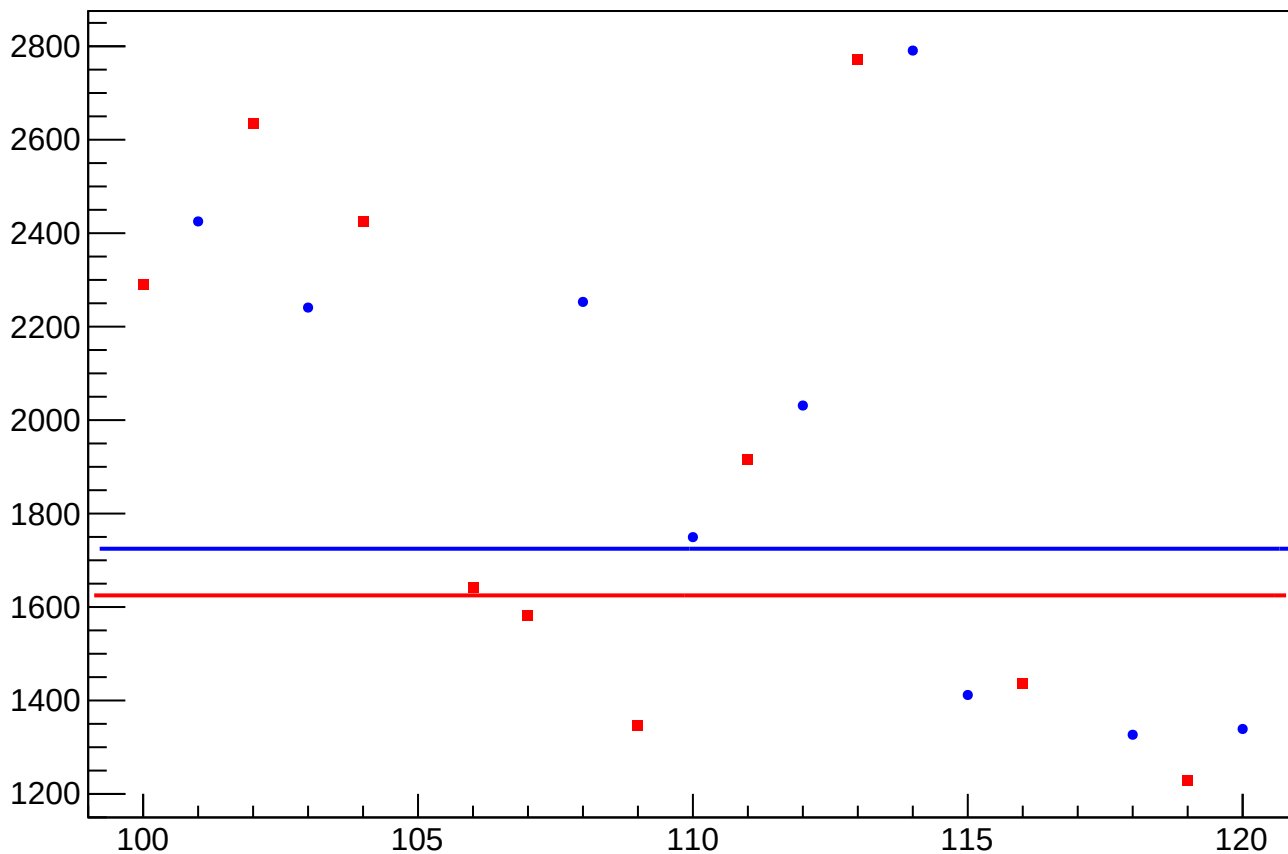
Right: 32.446+/-0.638 χ^2/NDF : 1662.5/18

In: 51.192+/-0.957 χ^2/NDF : 778.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.446+/-0.638 χ^2/NDF : 1662.5/18

diff_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 1724.763+/-0.677 χ^2/NDF : 423066.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1624.908+/-0.606 χ^2/NDF : 636315.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

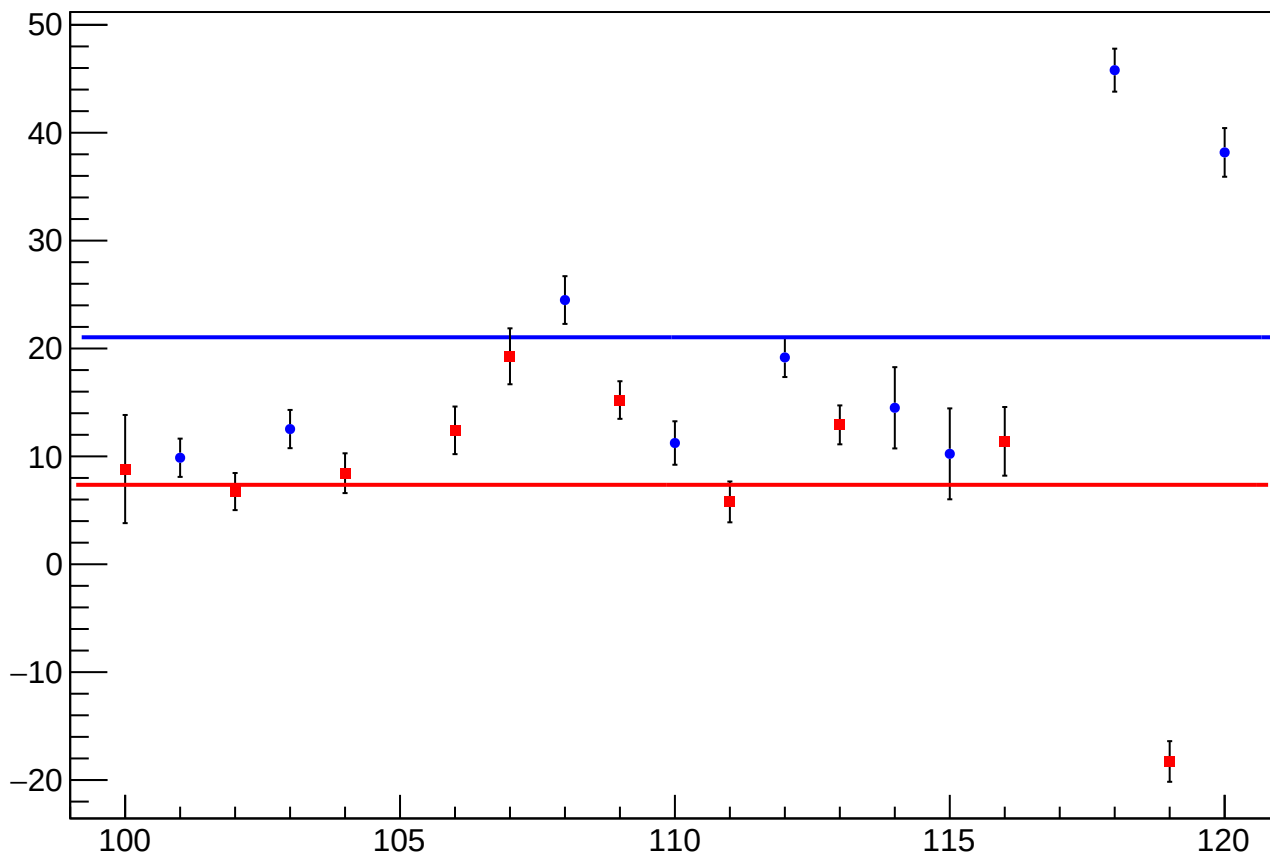
Right: 1669.309+/-0.451 χ^2/NDF : 1071466.0/18

In: 1724.763+/-0.677 χ^2/NDF : 423066.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1669.309+/-0.451 χ^2/NDF : 1071466.0/18

diff_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 21.041+/-0.713 χ^2/NDF : 311.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.364+/-0.656 χ^2/NDF : 244.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

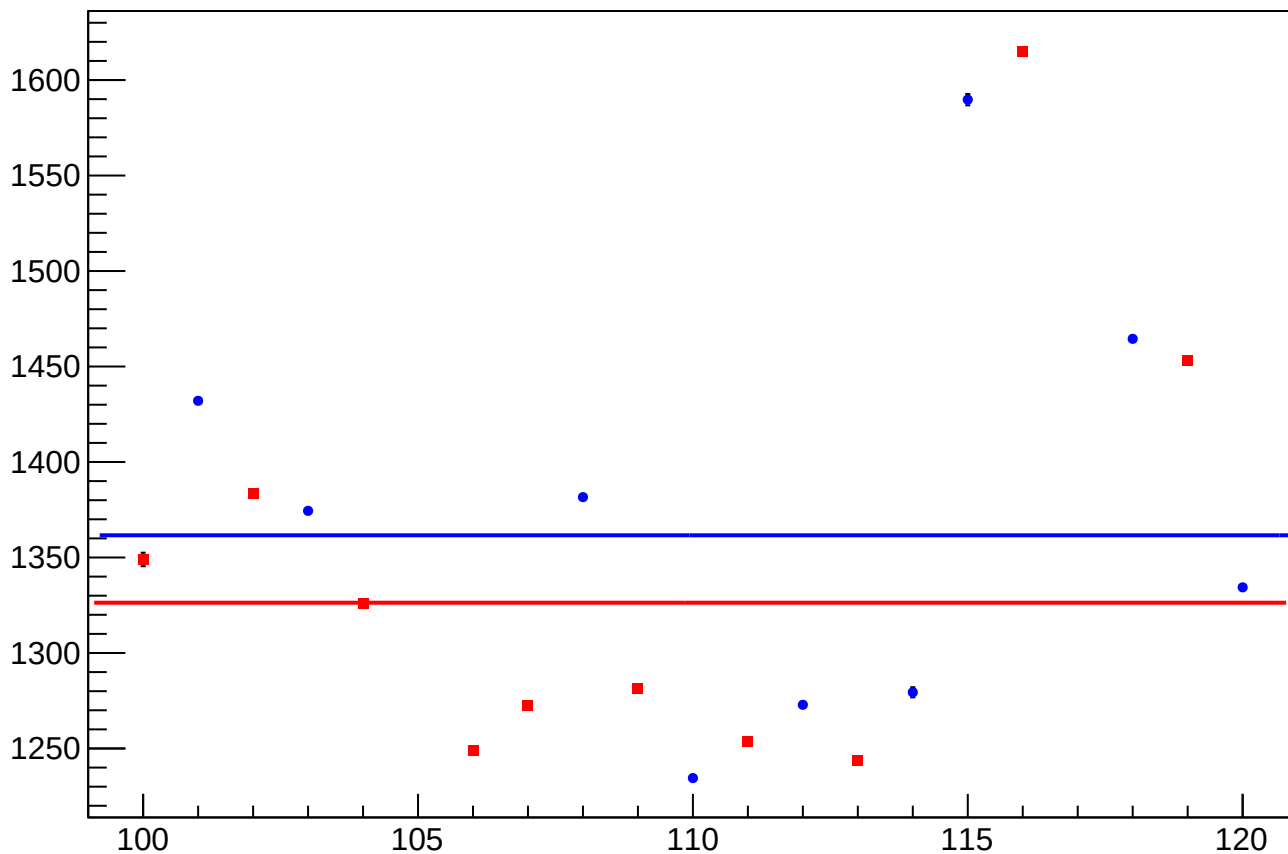
Right: 13.631+/-0.483 χ^2/NDF : 755.0/18

In: 21.041+/-0.713 χ^2/NDF : 311.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.631+/-0.483 χ^2/NDF : 755.0/18

diff_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 1361.633+/-0.505 χ^2/NDF : 28581.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1326.323+/-0.464 χ^2/NDF : 39539.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

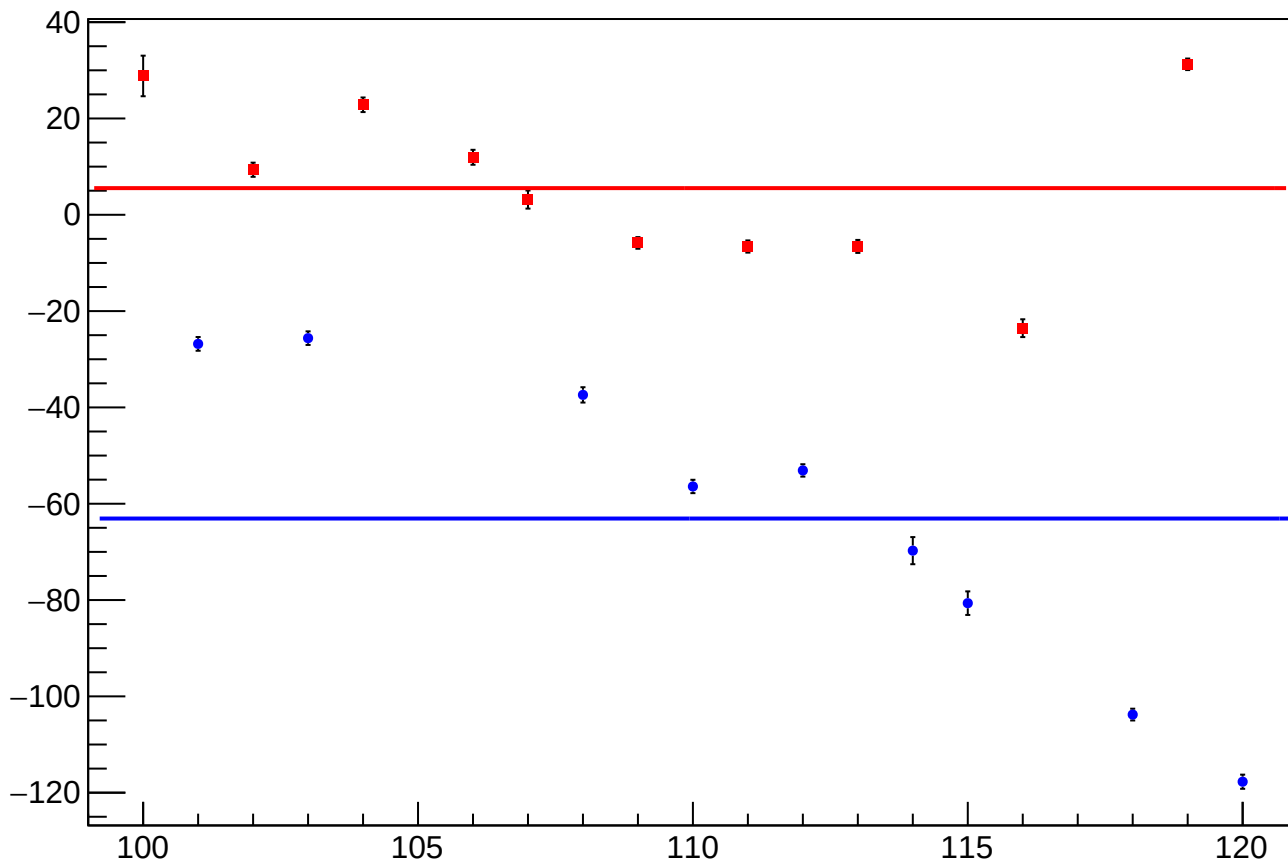
Right: 1342.504+/-0.342 χ^2/NDF : 70774.5/18

In: 1361.633+/-0.505 χ^2/NDF : 28581.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1342.504+/-0.342 χ^2/NDF : 70774.5/18

diff_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -63.073+/-0.504 χ^2/NDF : 4239.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.536+/-0.471 χ^2/NDF : 1155.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

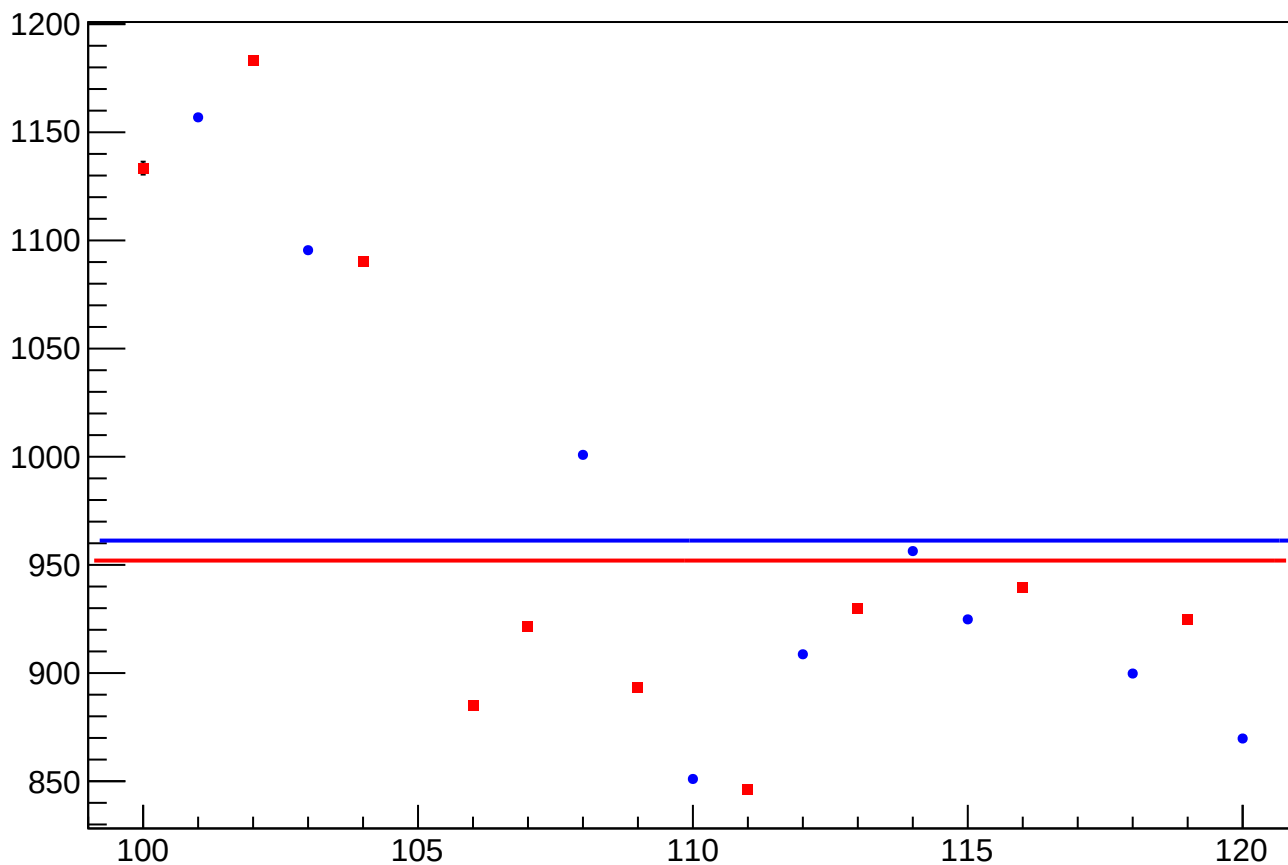
Right: -26.455+/-0.344 χ^2/NDF : 15282.6/18

In: -63.073+/-0.504 χ^2/NDF : 4239.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.455+/-0.344 χ^2/NDF : 15282.6/18

diff_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 961.243+/-0.356 χ^2/NDF : 86119.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 952.006+/-0.333 χ^2/NDF : 94506.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

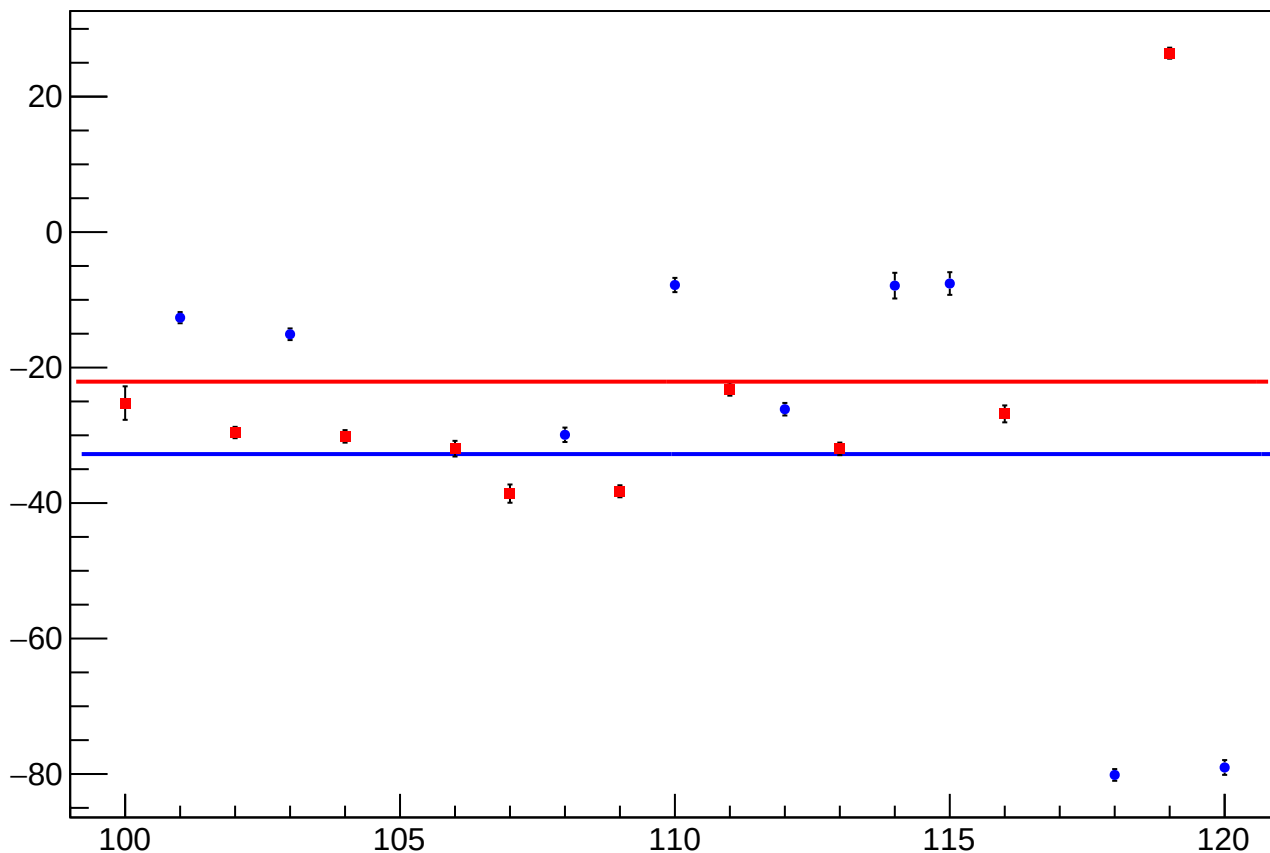
Right: 956.313+/-0.243 χ^2/NDF : 180984.5/18

In: 961.243+/-0.356 χ^2/NDF : 86119.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 956.313+/-0.243 χ^2/NDF : 180984.5/18

diff_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: -32.771+/-0.342 χ^2/NDF : 6828.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -22.078+/-0.321 χ^2/NDF : 4408.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

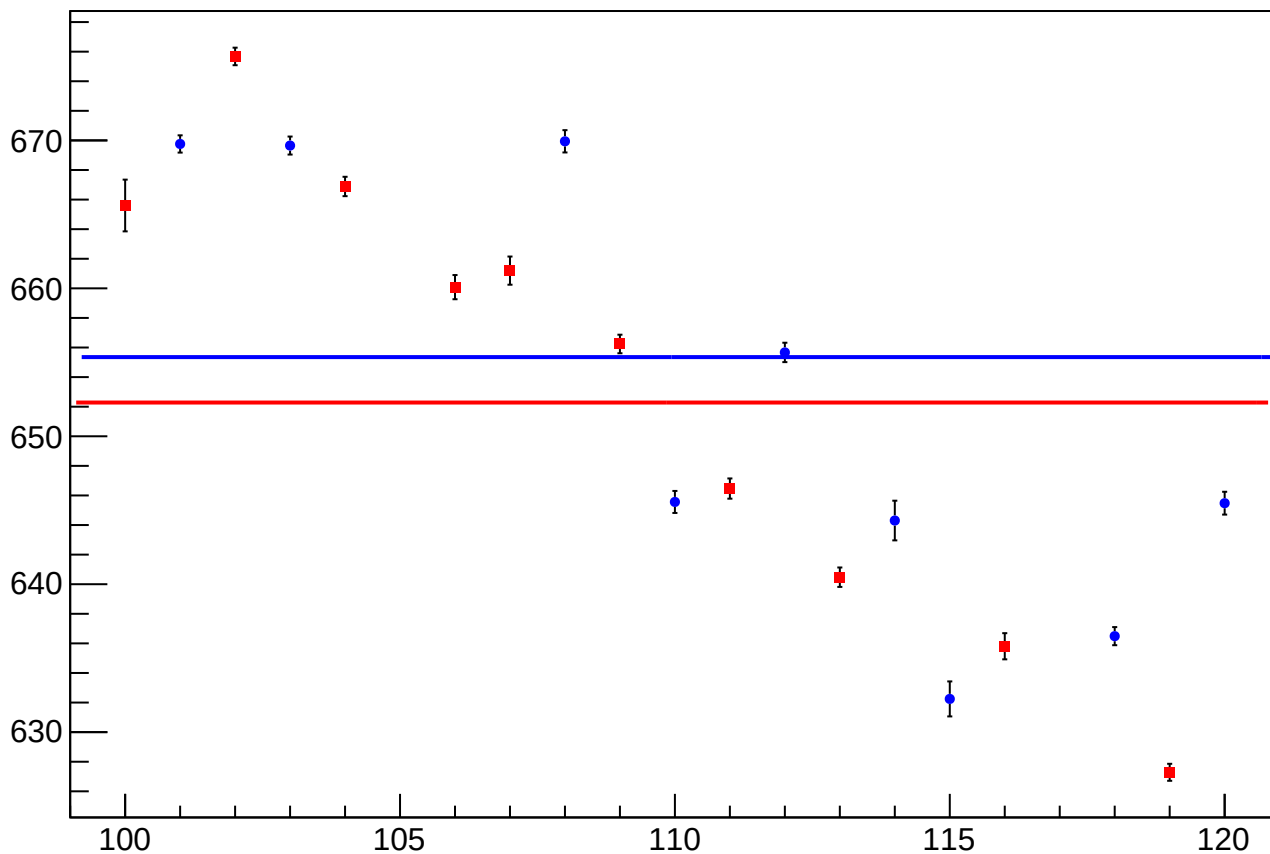
Right: -27.092+/-0.234 χ^2/NDF : 11757.0/18

In: -32.771+/-0.342 χ^2/NDF : 6828.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.092+/-0.234 χ^2/NDF : 11757.0/18

diff_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 655.353 $\pm$ 0.241 χ^2 /NDF: 3271.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 652.281 $\pm$ 0.227 χ^2 /NDF: 4969.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

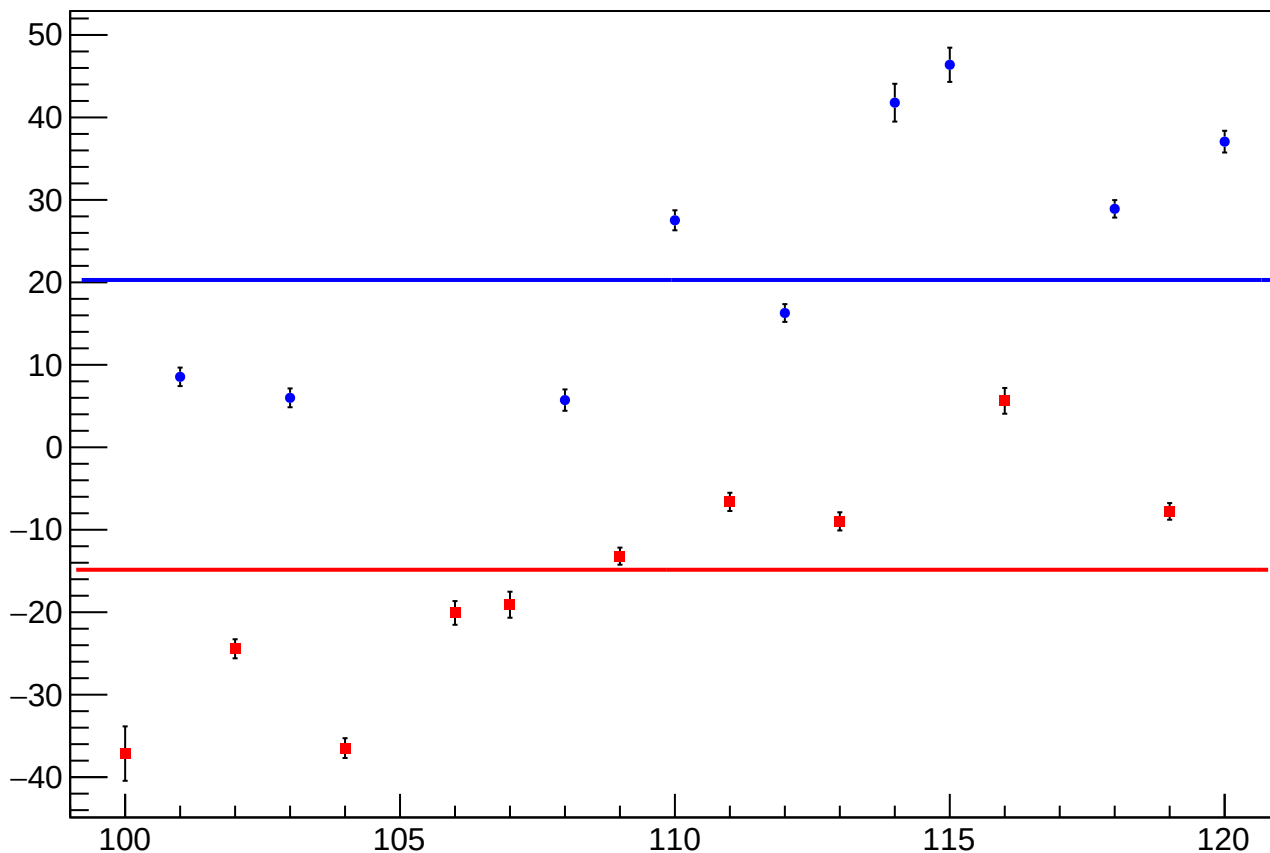
Right: 653.721 $\pm$ 0.165 χ^2 /NDF: 8327.2/18

In: 655.353 $\pm$ 0.241 χ^2 /NDF:3271.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 653.721 $\pm$ 0.165 χ^2 /NDF: 8327.2/18

diff_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 20.290+/-0.423 χ^2/NDF : 916.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.849+/-0.396 χ^2/NDF : 766.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

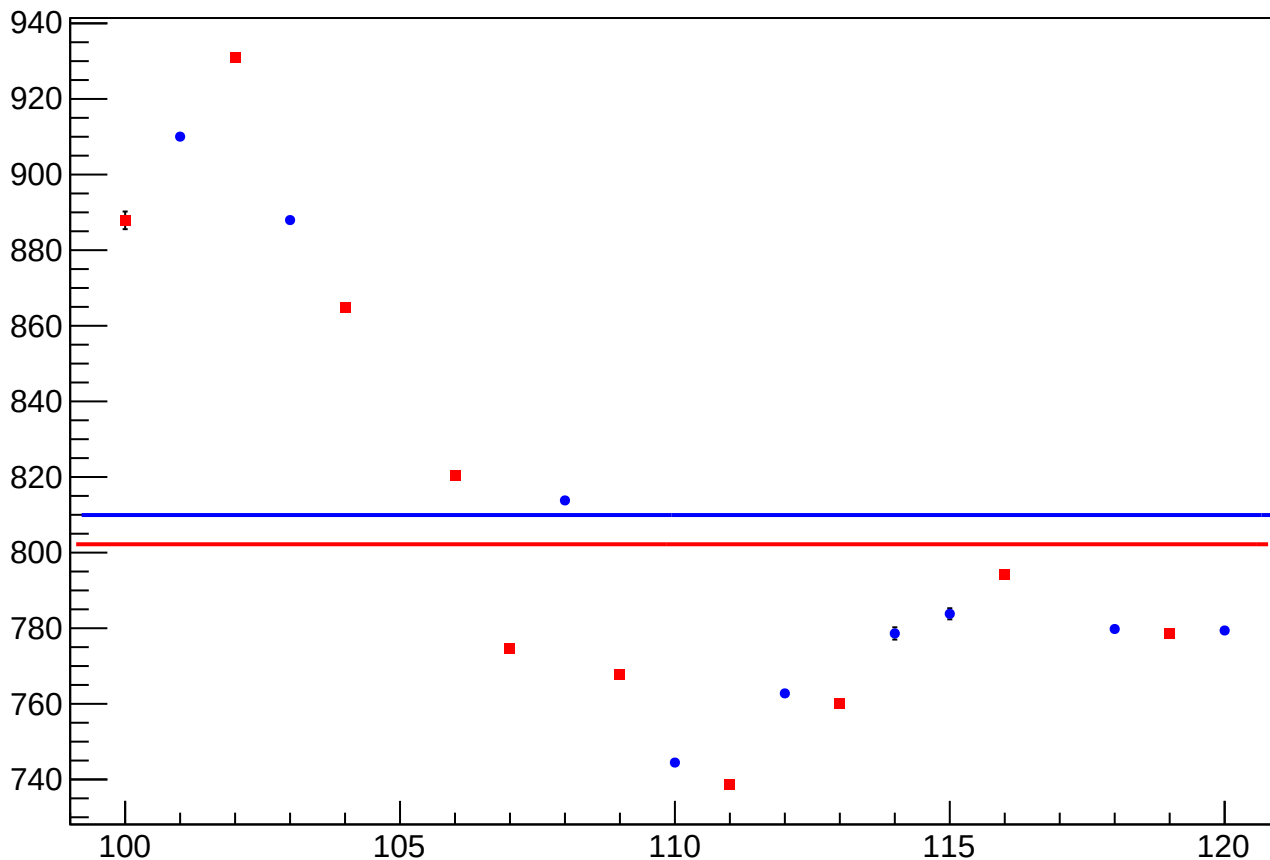
Right: 1.545+/-0.289 χ^2/NDF : 5360.9/18

In: 20.290+/-0.423 χ^2/NDF : 916.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.545+/-0.289 χ^2/NDF : 5360.9/18

diff_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 809.941 $\pm$ 0.299 χ^2 /NDF: 38273.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 802.210 $\pm$ 0.280 χ^2 /NDF: 45422.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

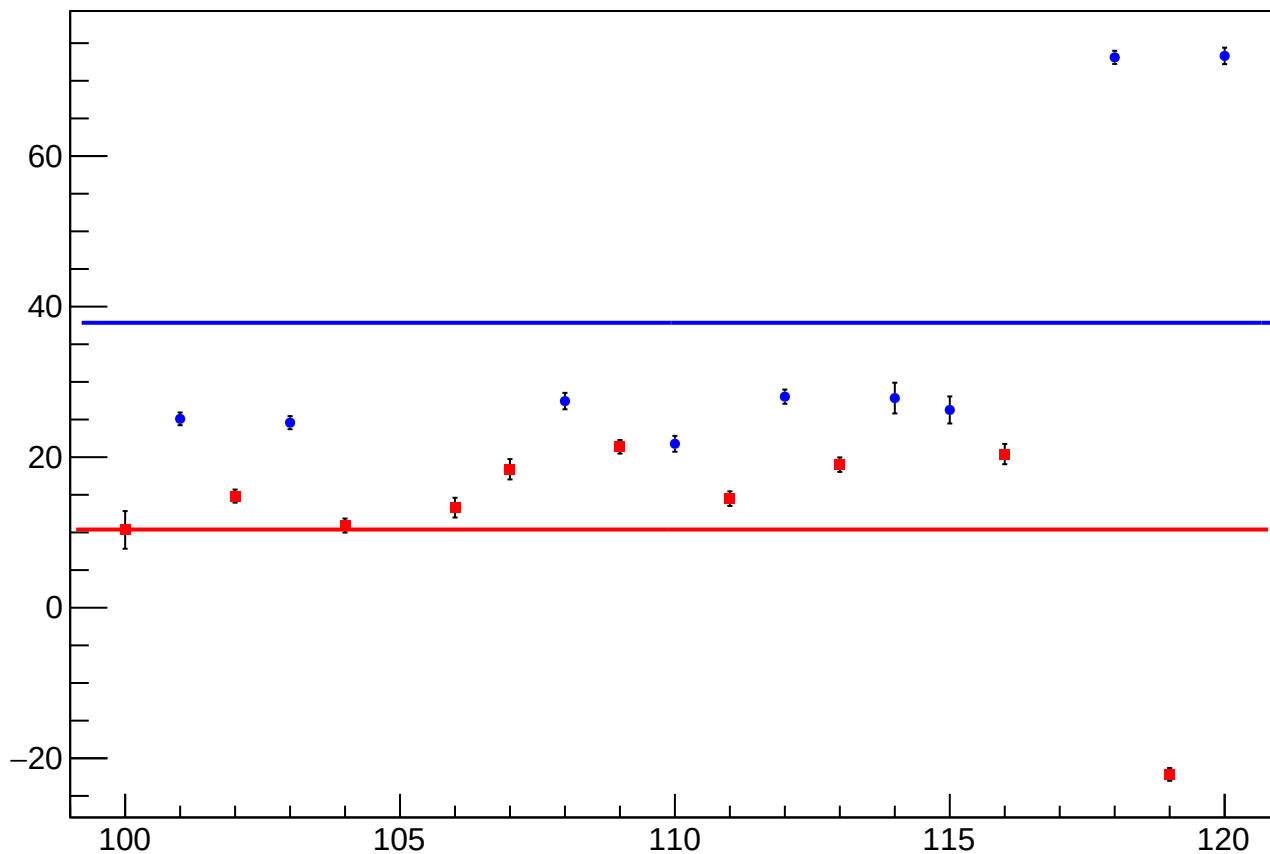
Right: 805.817 $\pm$ 0.204 χ^2 /NDF: 84051.6/18

In: 809.941 $\pm$ 0.299 χ^2 /NDF: 38273.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 805.817 $\pm$ 0.204 χ^2 /NDF: 84051.6/18

diff_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 37.855+/-0.348 χ^2/NDF : 3626.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.386+/-0.332 χ^2/NDF : 1844.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

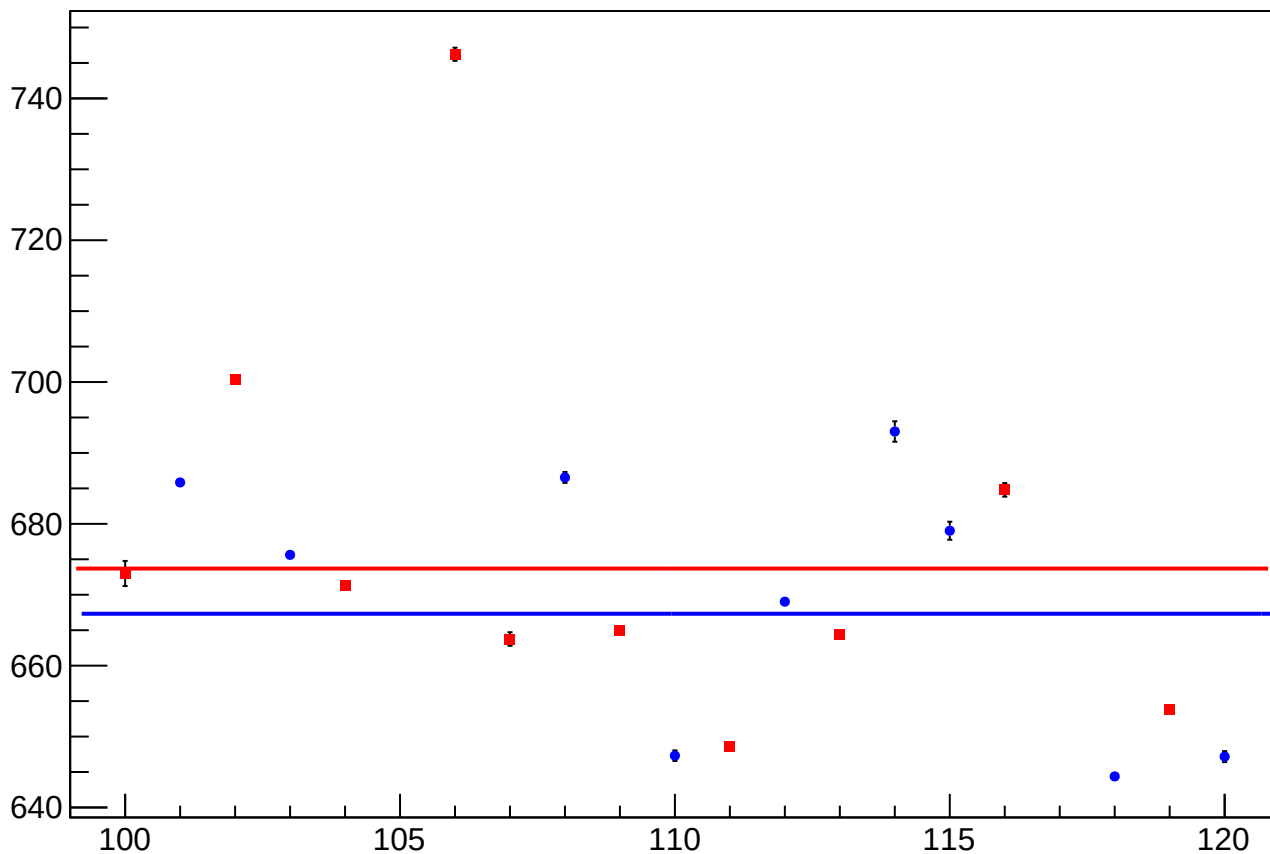
Right: 23.468+/-0.240 χ^2/NDF : 8736.7/18

In: 37.855+/-0.348 χ^2/NDF : 3626.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.468+/-0.240 χ^2/NDF : 8736.7/18

diff_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 667.322 $\pm$ 0.246 χ^2 /NDF: 4937.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 673.696 $\pm$ 0.235 χ^2 /NDF: 11064.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

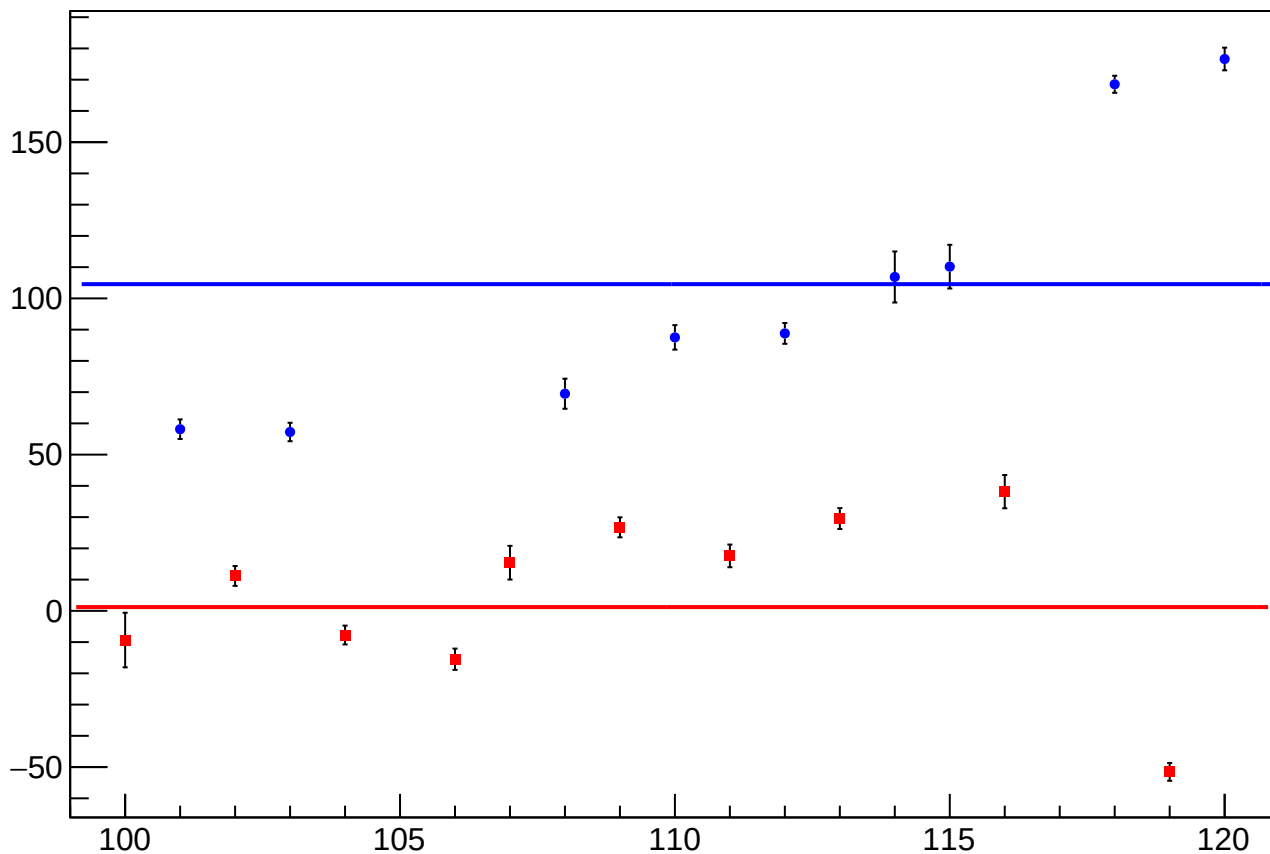
Right: 670.660 $\pm$ 0.170 χ^2 /NDF: 16354.1/18

In: 667.322 $\pm$ 0.246 χ^2 /NDF: 4937.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 670.660 $\pm$ 0.170 χ^2 /NDF: 16354.1/18

diff_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 104.555+/-1.231 χ^2/NDF : 1512.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.206+/-1.144 χ^2/NDF : 596.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

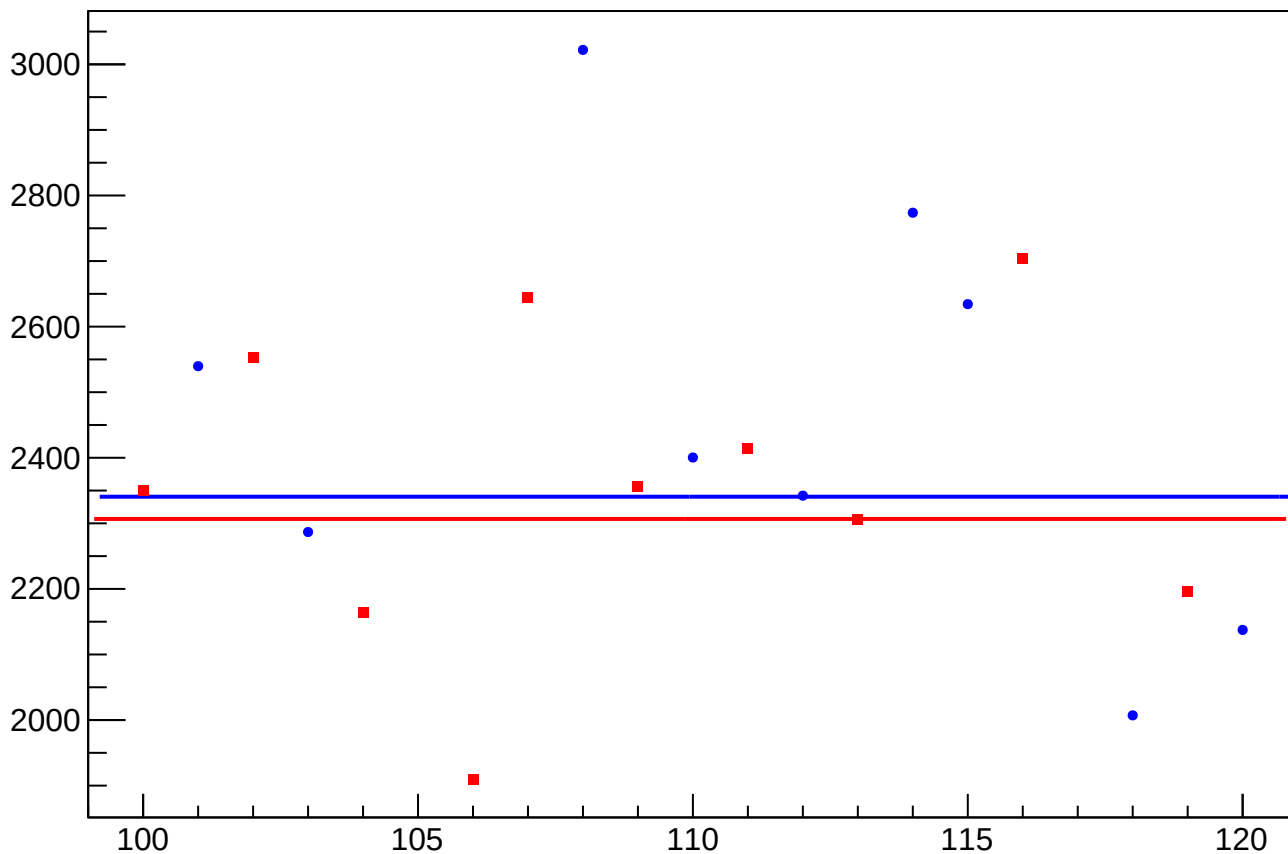
Right: 49.100+/-0.838 χ^2/NDF : 5891.0/18

In: 104.555+/-1.231 χ^2/NDF : 1512.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.100+/-0.838 χ^2/NDF : 5891.0/18

diff_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 2340.607 $\pm$ 0.870 χ^2 /NDF: 94442.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2306.704 $\pm$ 0.809 χ^2 /NDF: 68183.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

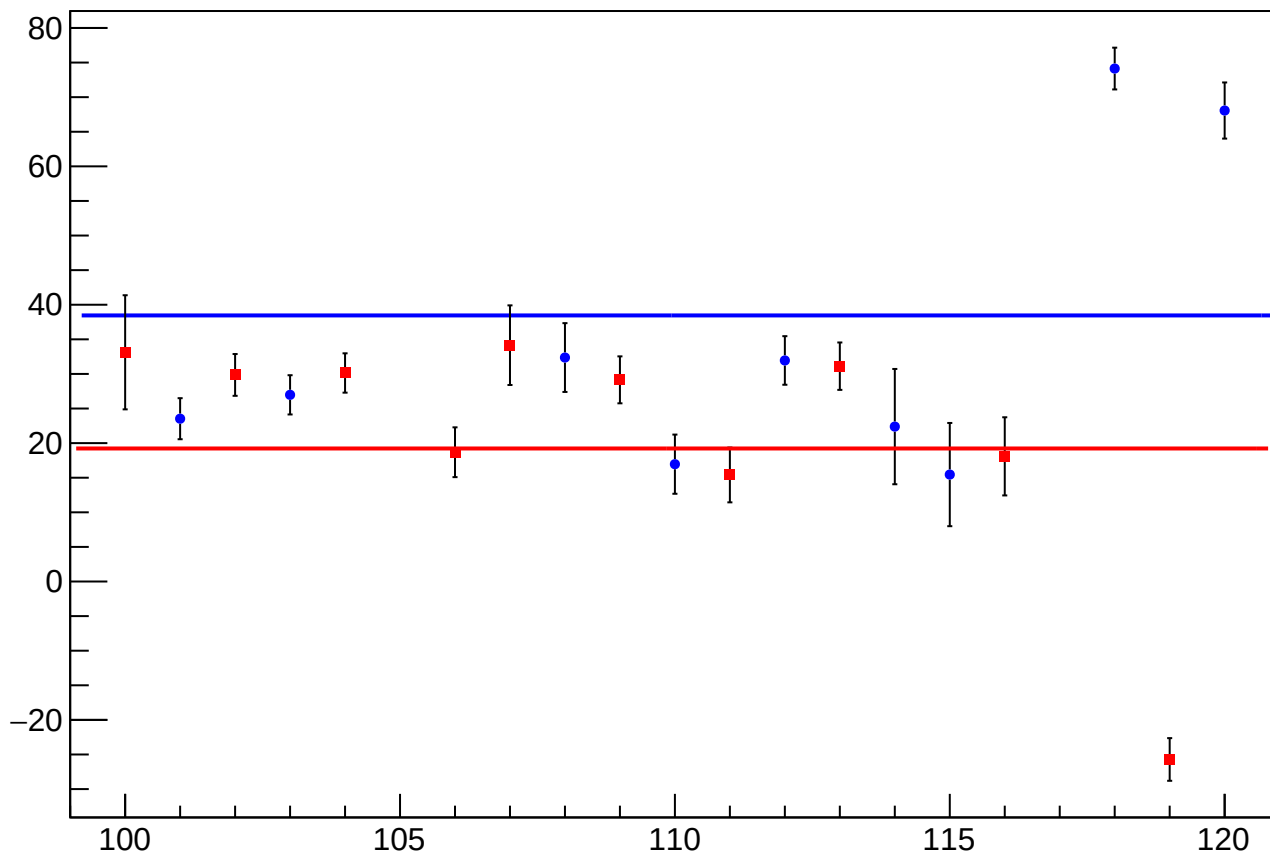
Right: 2322.415 $\pm$ 0.593 χ^2 /NDF: 163439.6/18

In: 2340.607 $\pm$ 0.870 χ^2 /NDF: 94442.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2322.415 $\pm$ 0.593 χ^2 /NDF: 163439.6/18

diff_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: 38.455+/-1.273 χ^2/NDF : 278.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.225+/-1.172 χ^2/NDF : 270.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

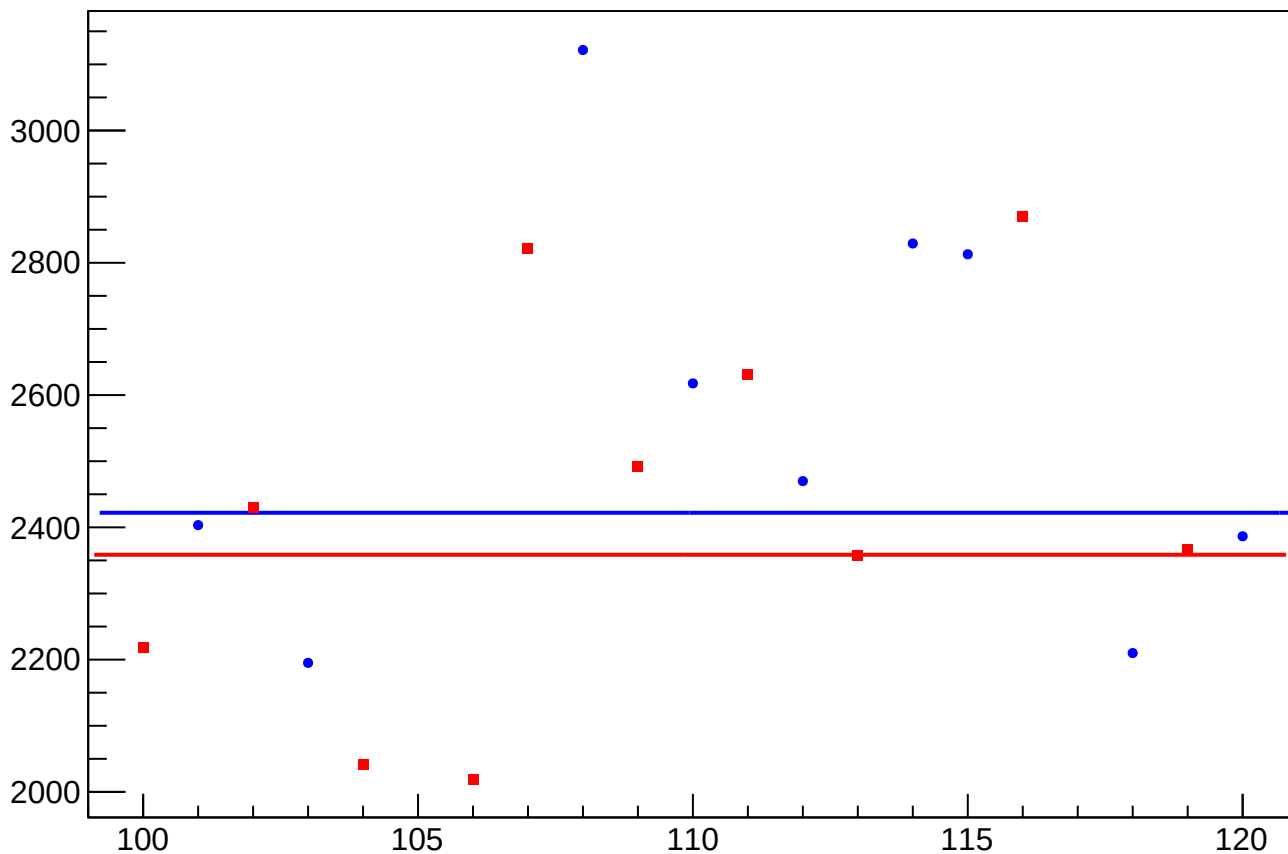
Right: 28.047+/-0.862 χ^2/NDF : 672.3/18

In: 38.455+/-1.273 χ^2/NDF : 278.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.047+/-0.862 χ^2/NDF : 672.3/18

diff_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 2422.045+/-0.900 χ^2/NDF : 77347.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2358.565+/-0.829 χ^2/NDF : 86461.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

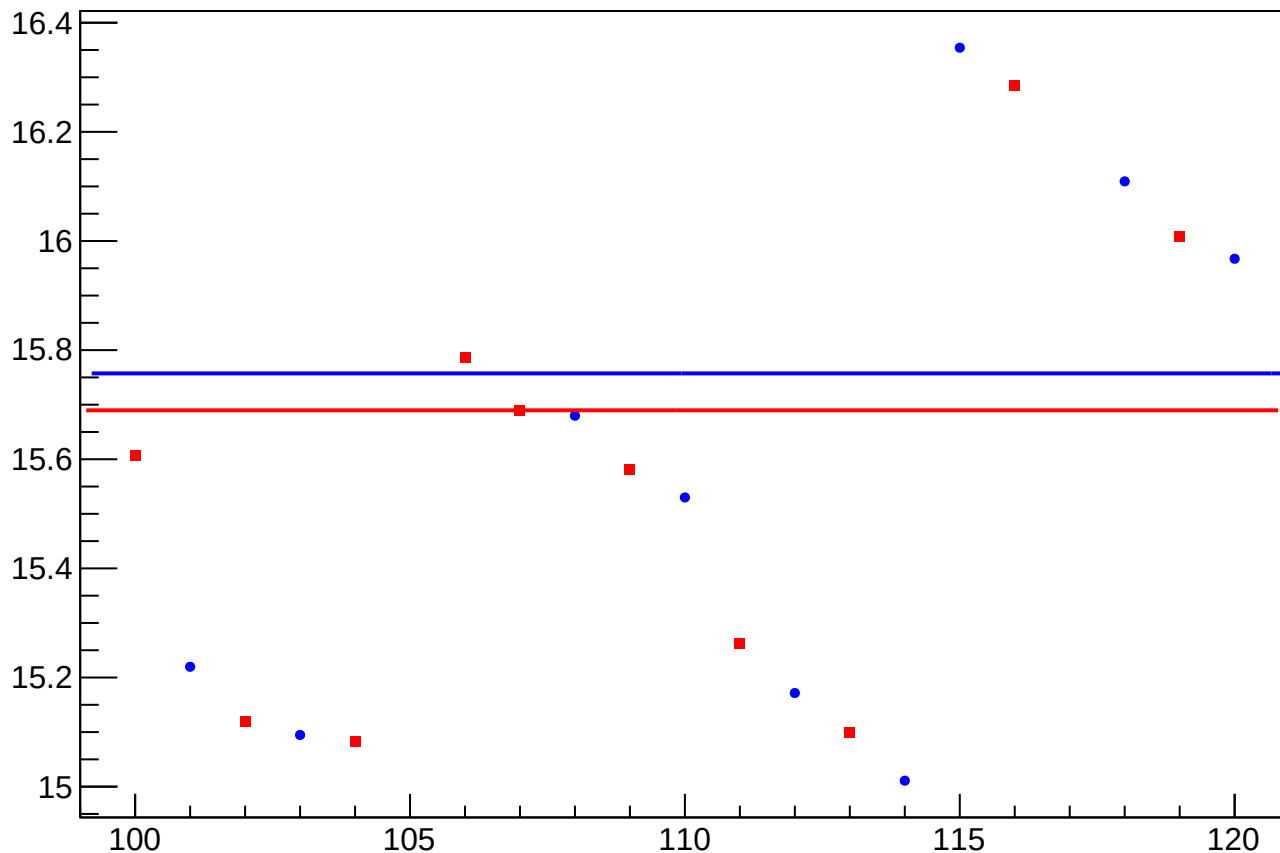
Right: 2387.688+/-0.610 χ^2/NDF : 166501.1/18

In: 2422.045+/-0.900 χ^2/NDF : 77347.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2387.688+/-0.610 χ^2/NDF : 166501.1/18

yield_sam1_mean vs Slug, Sign Corrected



Right In: 15.757+/-0.000 χ^2/NDF : 1495392614.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.690+/-0.000 χ^2/NDF : 1323818354.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

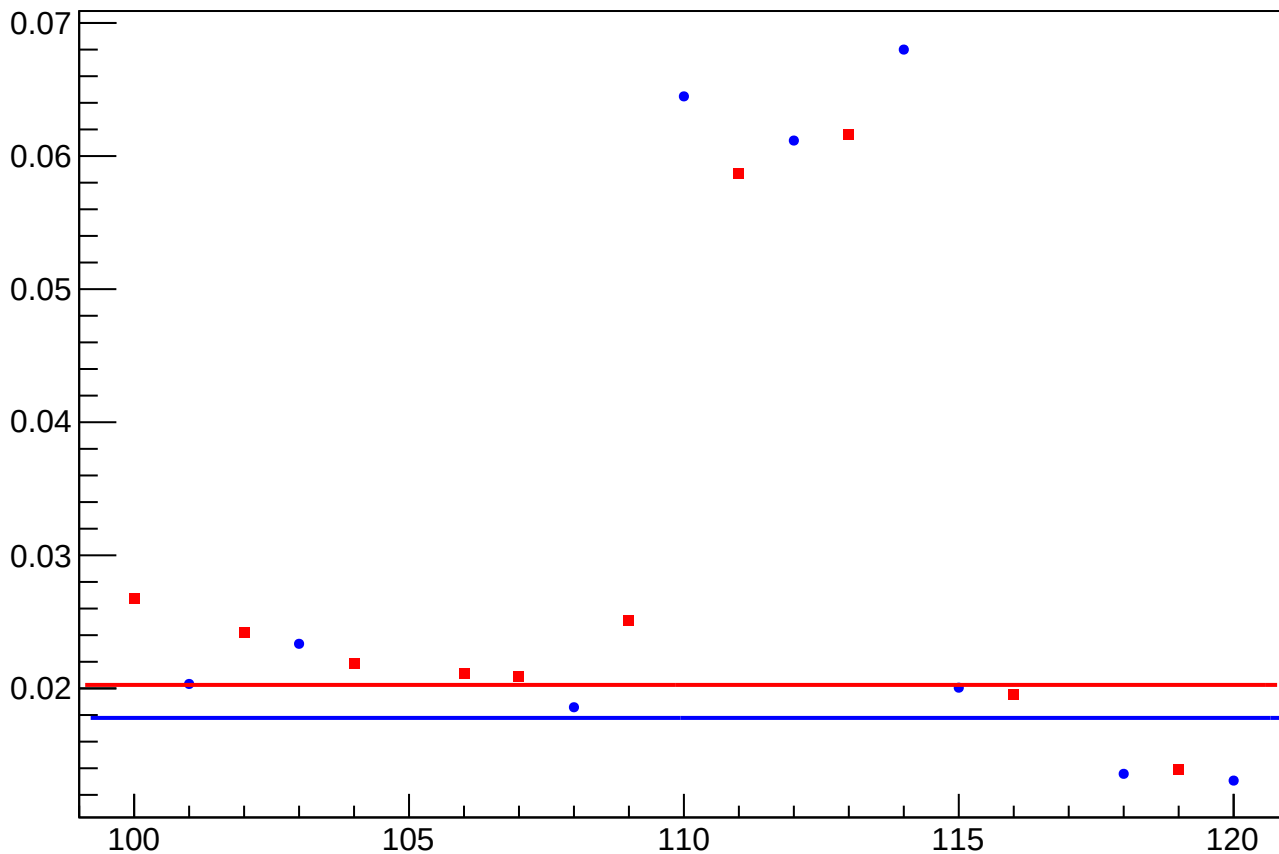
Right: 15.726+/-0.000 χ^2/NDF : 2837892179.1/18

In: 15.757+/-0.000 χ^2/NDF : 1495392614.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.726+/-0.000 χ^2/NDF : 2837892179.1/18

yield_sam1_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 1208668.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.020+/-0.000 χ^2/NDF : 1073899.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

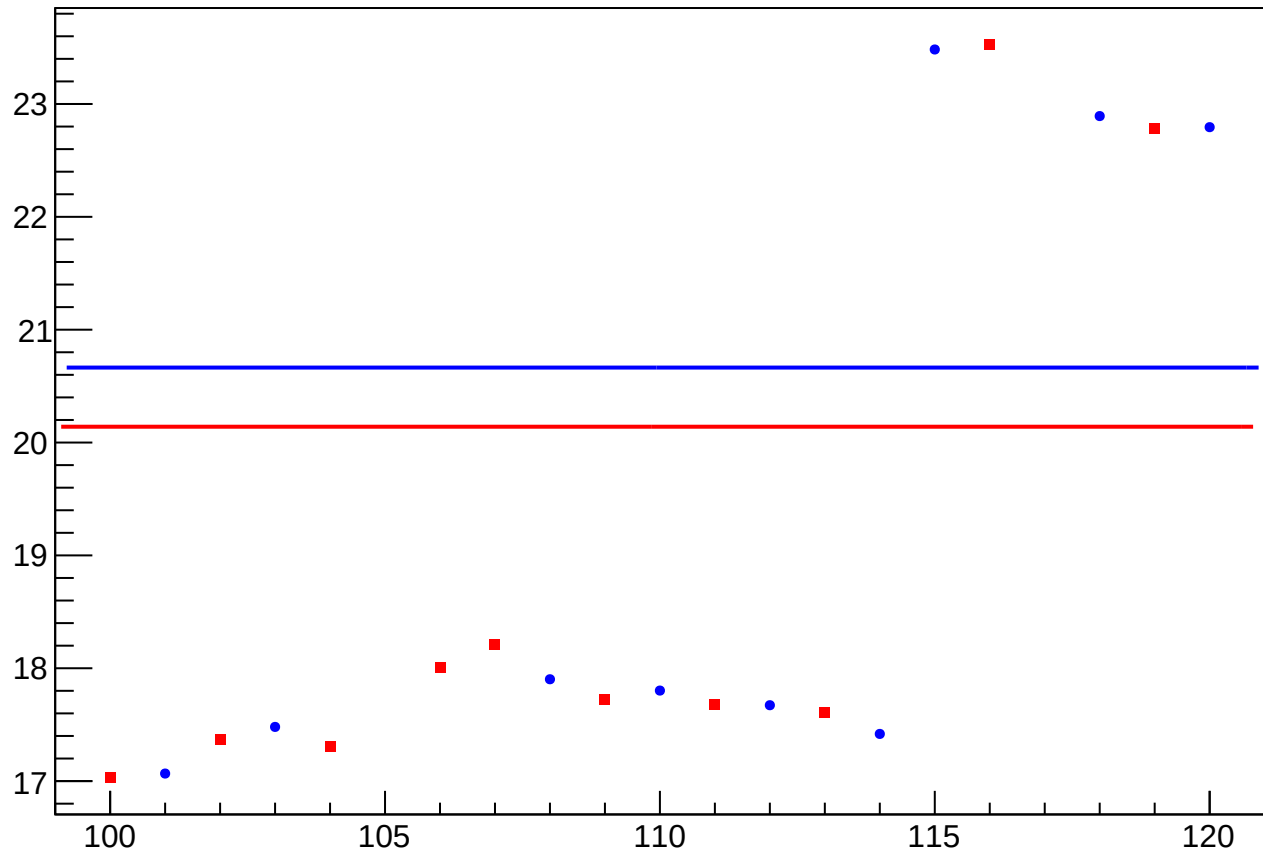
Right: 0.019+/-0.000 χ^2/NDF : 2332752.2/18

In: 0.018+/-0.000 χ^2/NDF : 1208668.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.000 χ^2/NDF : 2332752.2/18

yield_sam2_mean vs Slug, Sign Corrected



Right In: 20.664+/-0.000 χ^2/NDF : 667270388.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.140+/-0.000 χ^2/NDF : 603143881.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

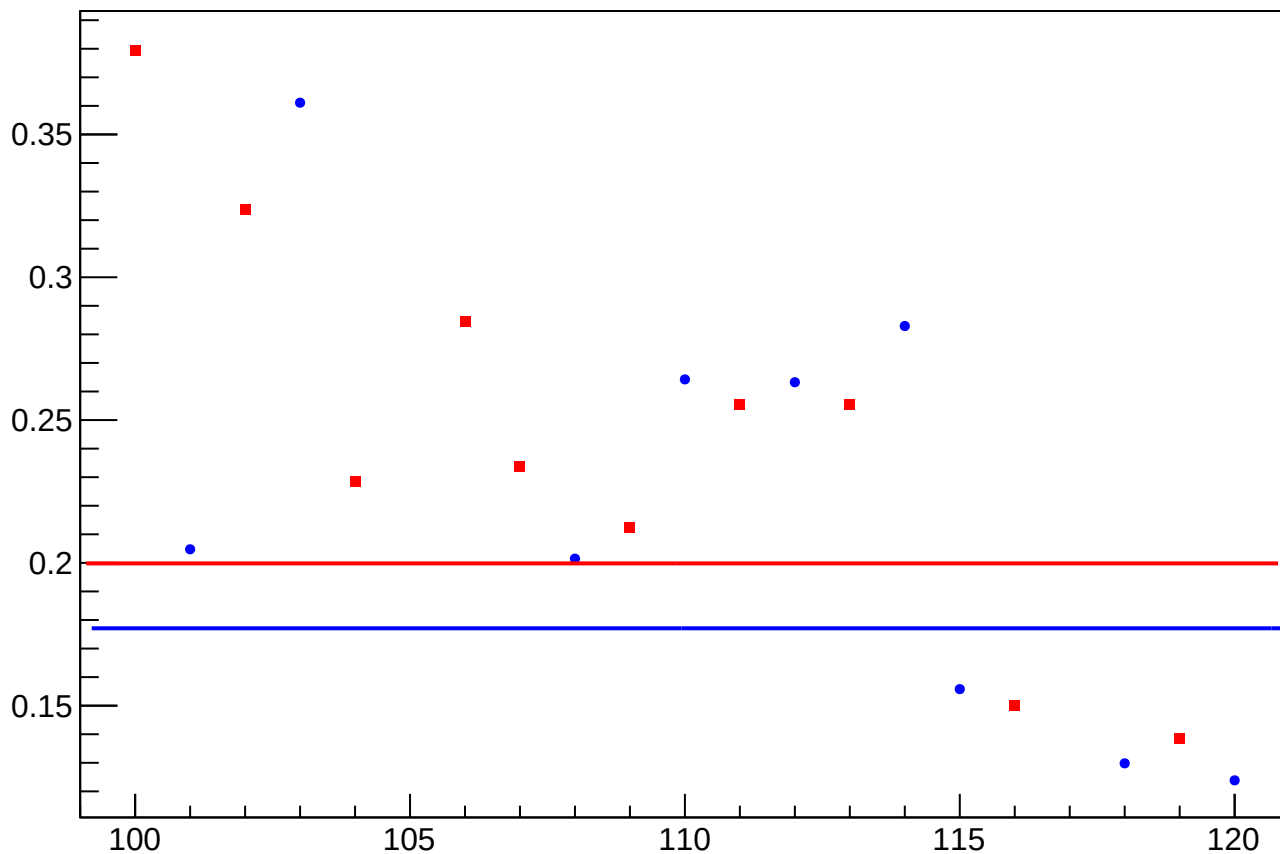
Right: 20.416+/-0.000 χ^2/NDF : 1282441177.6/18

In: 20.664+/-0.000 χ^2/NDF : 667270388.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.416+/-0.000 χ^2/NDF : 1282441177.6/18

yield_sam2_rms vs Slug, Sign Corrected



Right In: 0.177+/-0.000 χ^2/NDF : 784299.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.200+/-0.000 χ^2/NDF : 619071.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

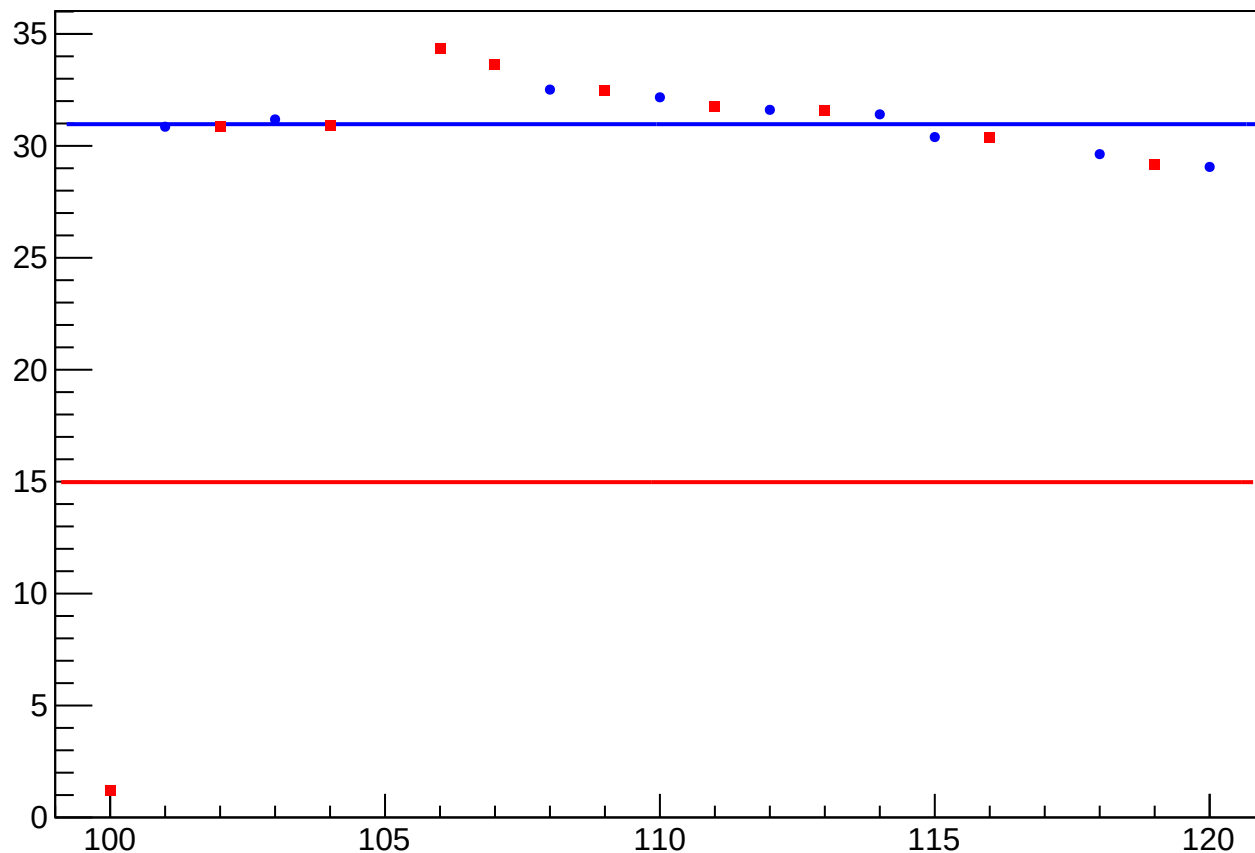
Right: 0.188+/-0.000 χ^2/NDF : 1448552.0/18

In: 0.177+/-0.000 χ^2/NDF : 784299.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.188+/-0.000 χ^2/NDF : 1448552.0/18

yield_sam3_mean vs Slug, Sign Corrected



Right In: 30.969+/-0.000 χ^2/NDF : 345730772.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.978+/-0.000 χ^2/NDF : 162594076393.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

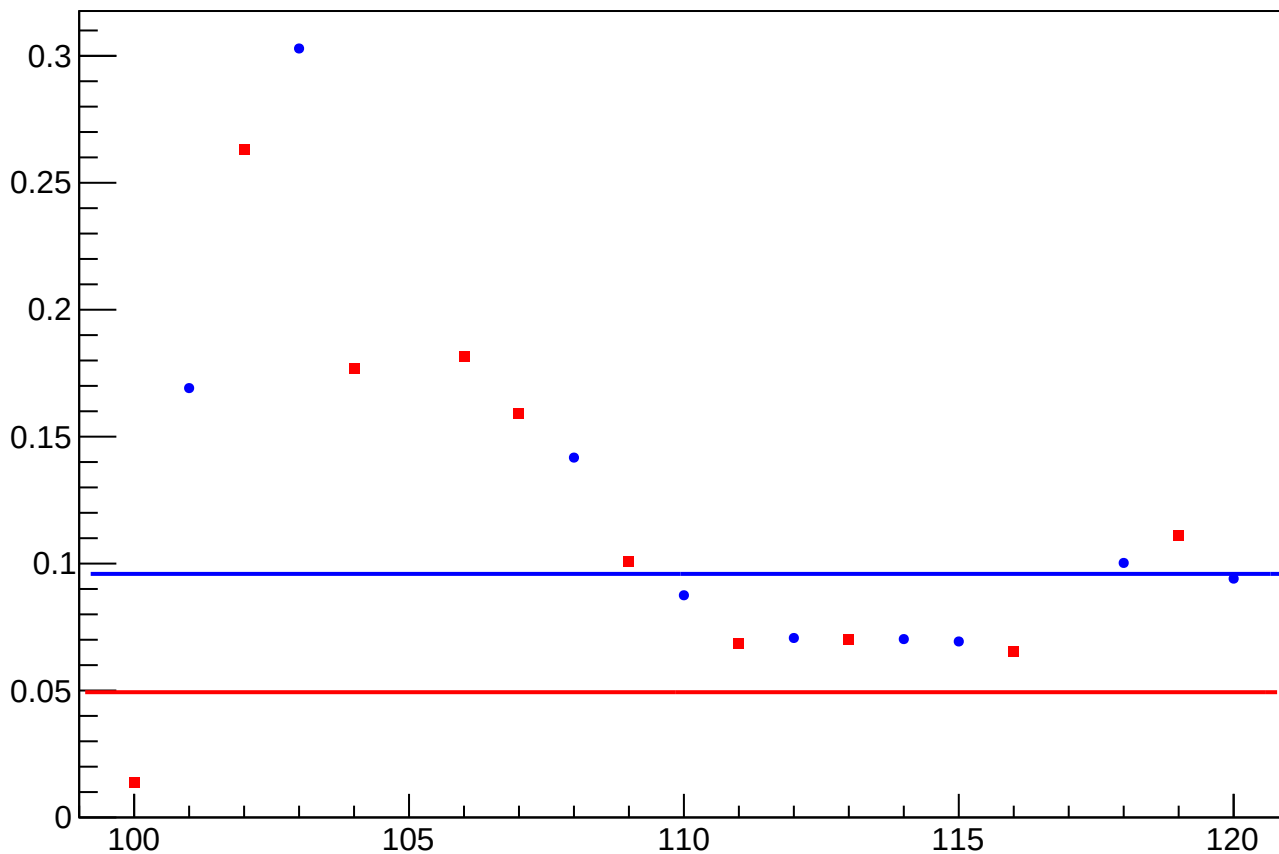
Right: 19.535+/-0.000 χ^2/NDF : 215358708497.0/18

In: 30.969+/-0.000 χ^2/NDF : 345730772.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.535+/-0.000 χ^2/NDF : 215358708497.0/18

yield_sam3_rms vs Slug, Sign Corrected



Right In: 0.096+/-0.000 χ^2/NDF : 983695.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.049+/-0.000 χ^2/NDF : 3287690.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

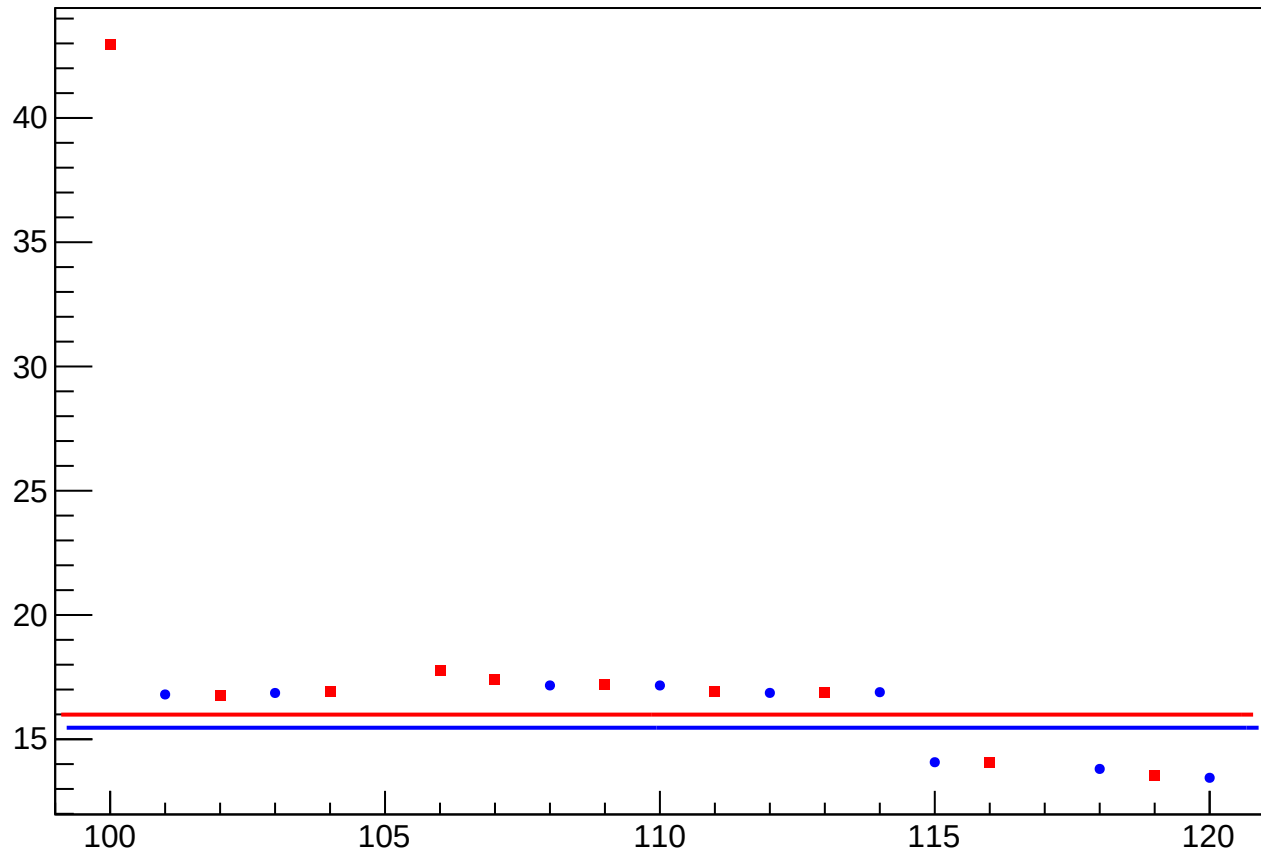
Right: 0.063+/-0.000 χ^2/NDF : 5161824.2/18

In: 0.096+/-0.000 χ^2/NDF : 983695.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.063+/-0.000 χ^2/NDF : 5161824.2/18

yield_sam4_mean vs Slug, Sign Corrected



Right In: 15.463+/-0.000 χ^2/NDF : 844198816.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.992+/-0.000 χ^2/NDF : 1070267446.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

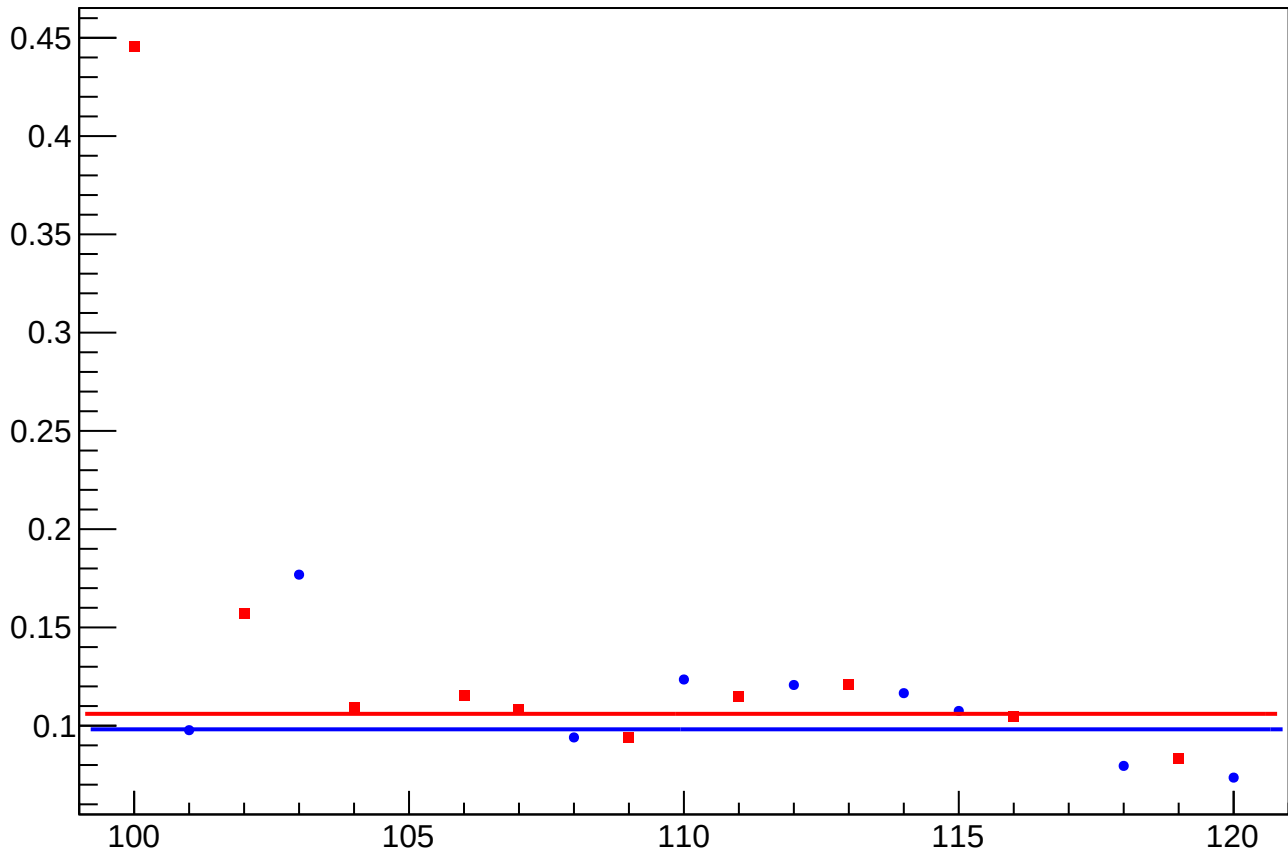
Right: 15.721+/-0.000 χ^2/NDF : 1957760703.9/18

In: 15.463+/-0.000 χ^2/NDF : 844198816.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.721+/-0.000 χ^2/NDF : 1957760703.9/18

yield_sam4_rms vs Slug, Sign Corrected



Right In: 0.098+/-0.000 χ^2/NDF : 420586.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.106+/-0.000 χ^2/NDF : 321801.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

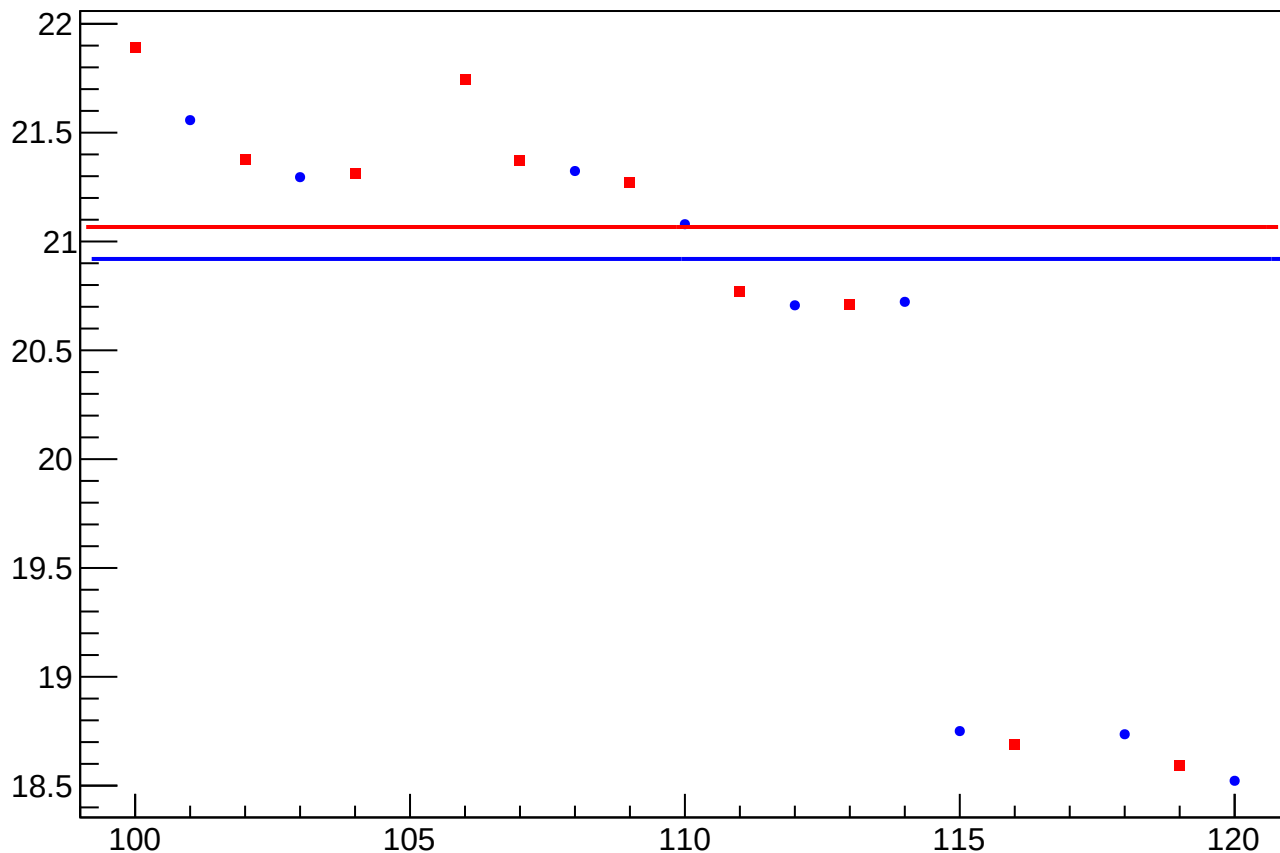
Right: 0.102+/-0.000 χ^2/NDF : 761652.8/18

In: 0.098+/-0.000 χ^2/NDF :420586.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.102+/-0.000 χ^2/NDF : 761652.8/18

yield_sam5_mean vs Slug, Sign Corrected



Right In: 20.920+/-0.000 χ^2/NDF : 3817638470.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 21.067+/-0.000 χ^2/NDF : 2935745506.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

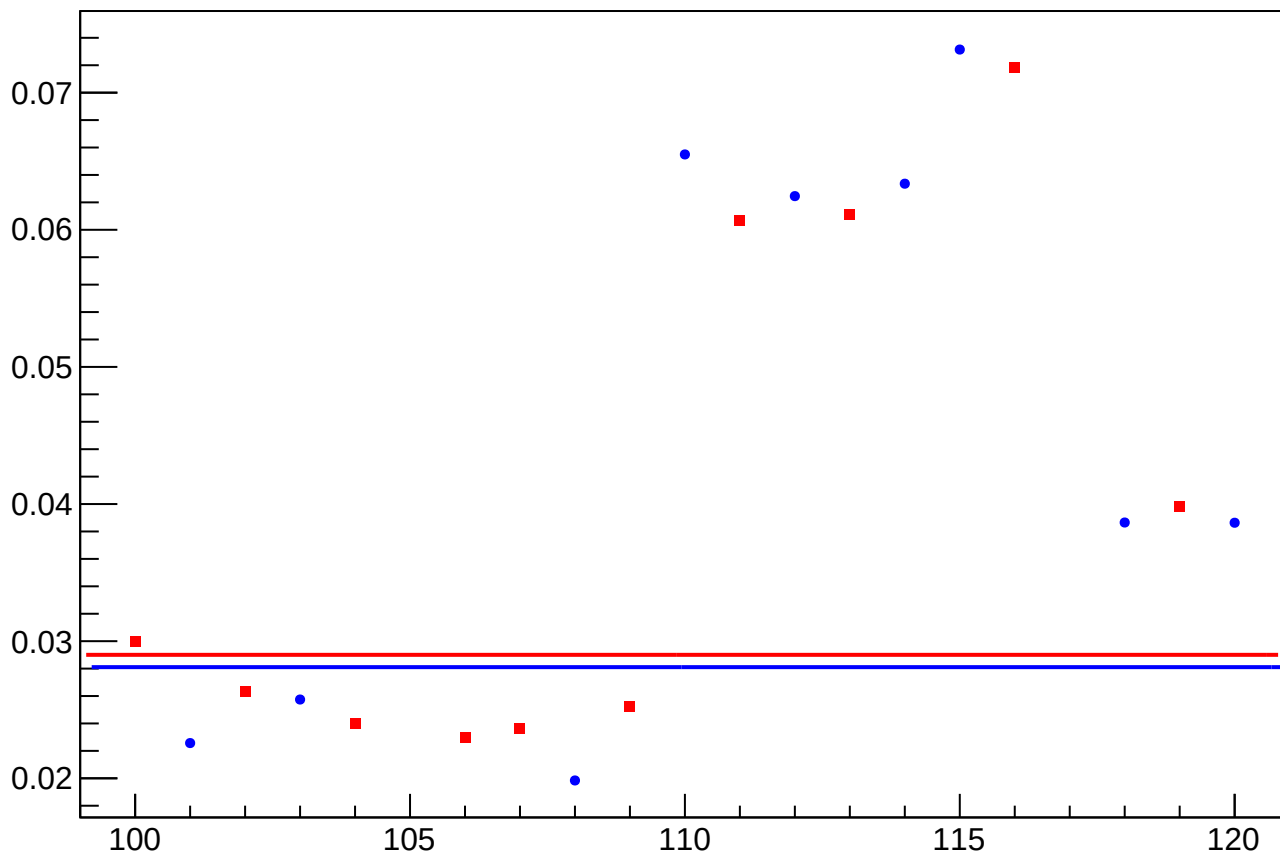
Right: 20.995+/-0.000 χ^2/NDF : 6793681574.8/18

In: 20.920+/-0.000 χ^2/NDF :3817638470.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20.995+/-0.000 χ^2/NDF : 6793681574.8/18

yield_sam5_rms vs Slug, Sign Corrected



Right In: 0.028+/-0.000 χ^2/NDF : 988331.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.029+/-0.000 χ^2/NDF : 864538.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

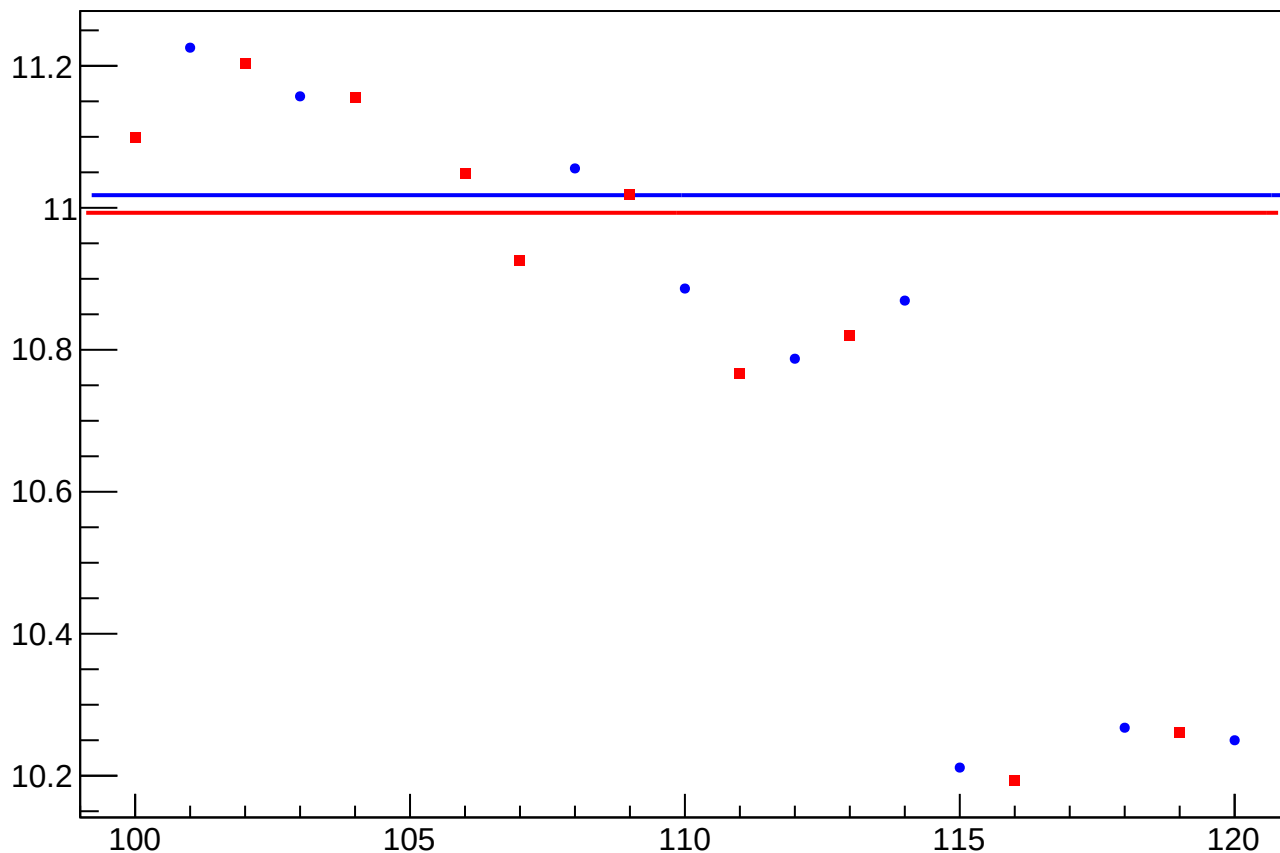
Right: 0.029+/-0.000 χ^2/NDF : 1855880.2/18

In: 0.028+/-0.000 χ^2/NDF : 988331.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.000 χ^2/NDF : 1855880.2/18

yield_sam6_mean vs Slug, Sign Corrected



Right In: 11.018+/-0.000 χ^2/NDF : 1734976241.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.993+/-0.000 χ^2/NDF : 1207576531.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

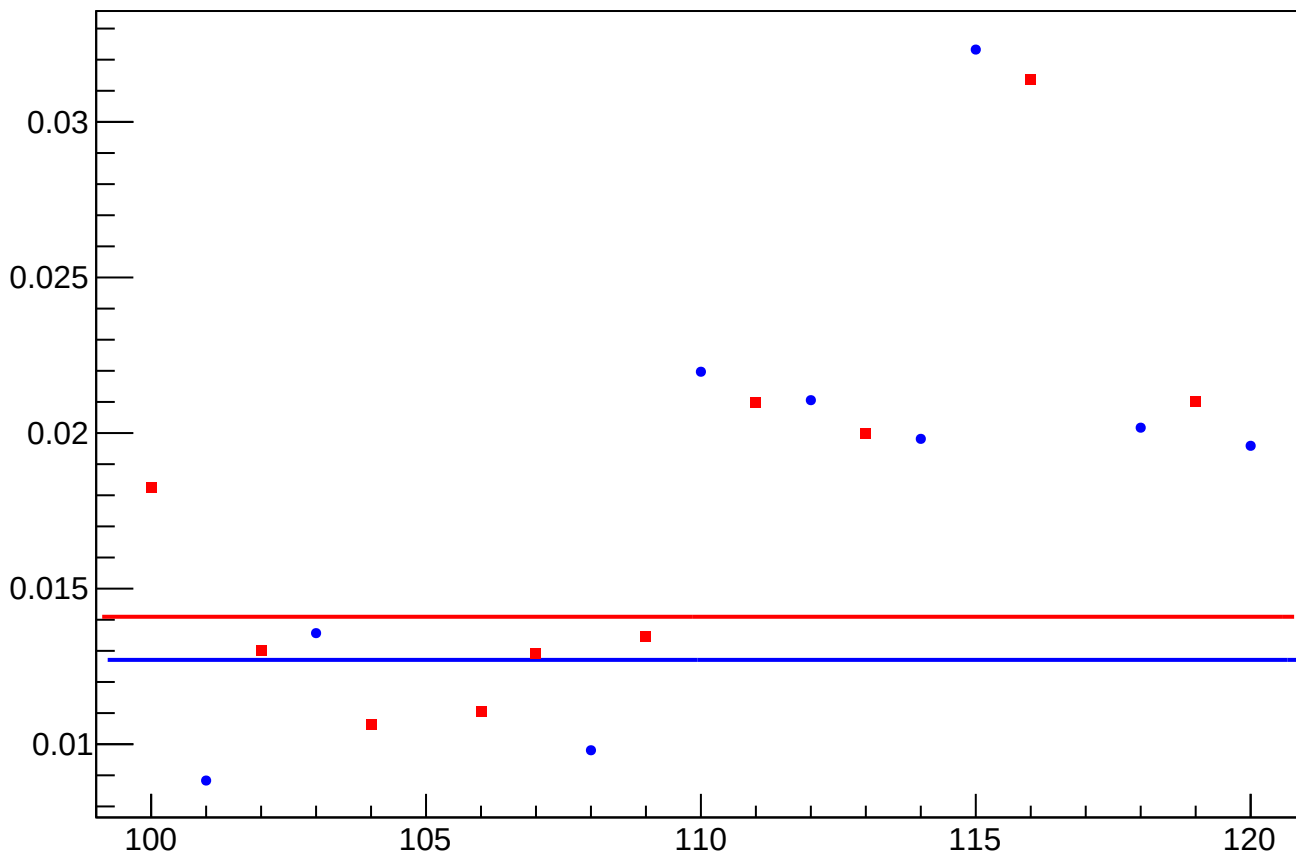
Right: 11.006+/-0.000 χ^2/NDF : 2947939951.5/18

In: 11.018+/-0.000 χ^2/NDF : 1734976241.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.006+/-0.000 χ^2/NDF : 2947939951.5/18

yield_sam6_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 889269.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 601222.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

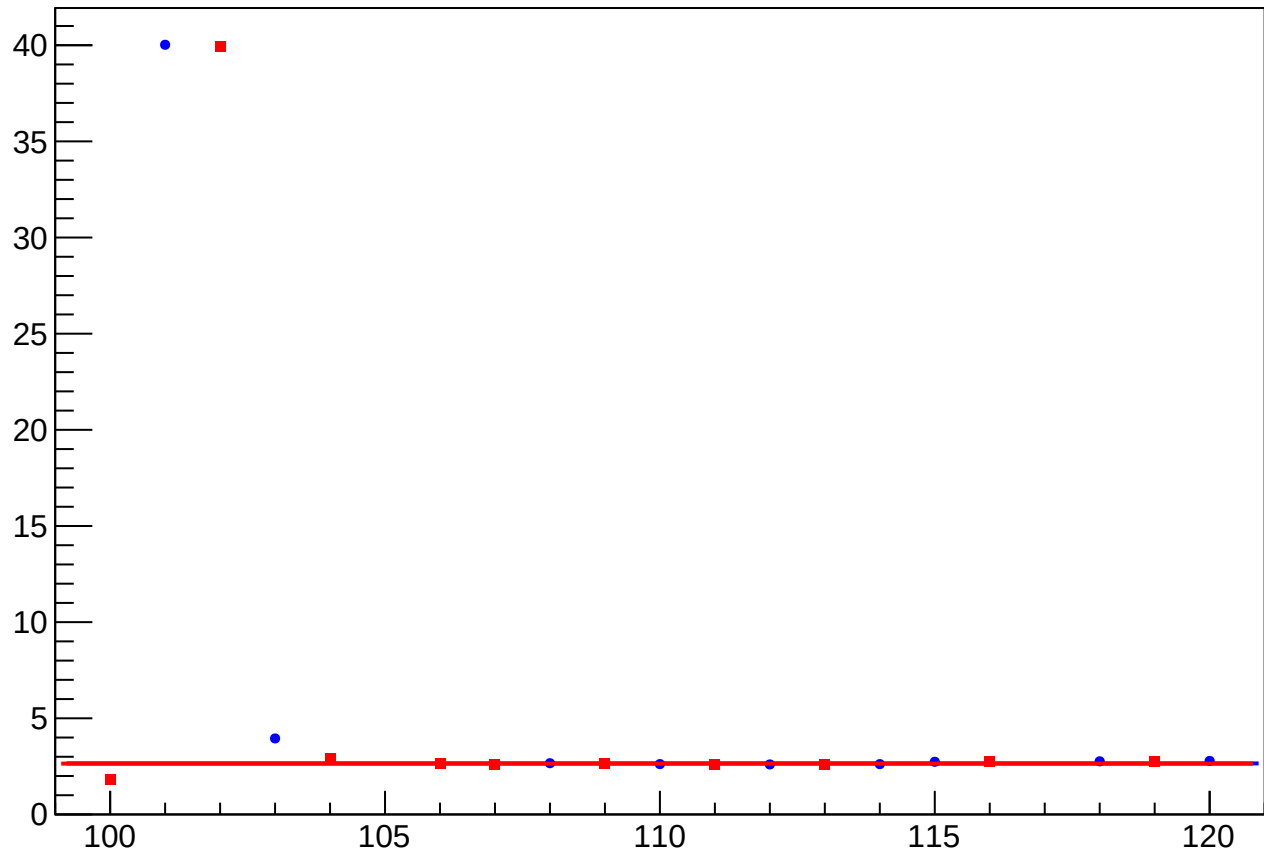
Right: 0.013+/-0.000 χ^2/NDF : 1524095.4/18

In: 0.013+/-0.000 χ^2/NDF : 889269.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 1524095.4/18

yield_sam7_mean vs Slug, Sign Corrected



Right In: 2.653+/-0.000 χ^2/NDF : 64501947398.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.645+/-0.000 χ^2/NDF : 62777088577.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

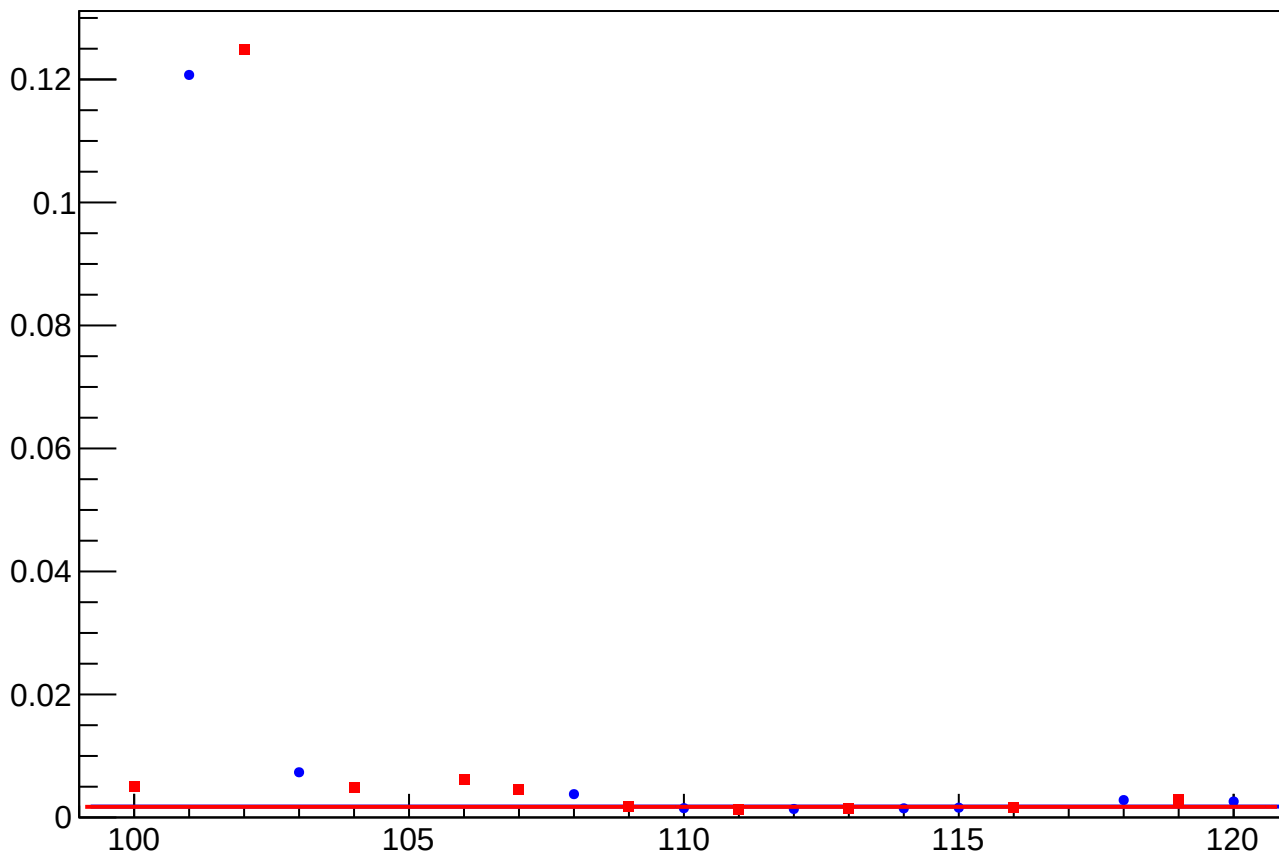
Right: 2.648+/-0.000 χ^2/NDF : 127304387110.8/18

In: 2.653+/-0.000 χ^2/NDF : 64501947398.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.648+/-0.000 χ^2/NDF : 127304387110.8

yield_sam7_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1760581.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2299028.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

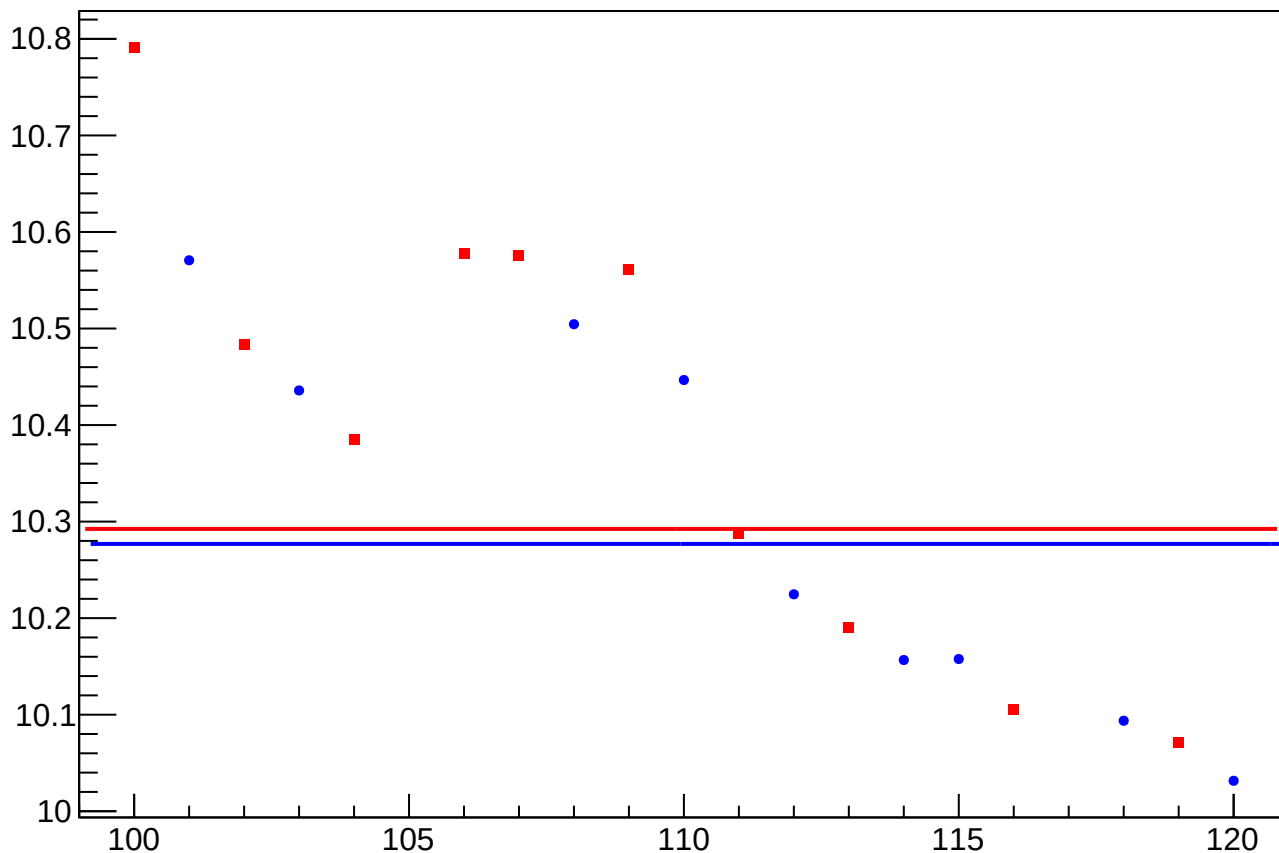
Right: 0.002+/-0.000 χ^2/NDF : 4060824.0/18

In: 0.002+/-0.000 χ^2/NDF : 1760581.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4060824.0/18

yield_sam8_mean vs Slug, Sign Corrected



Right In: 10.277+/-0.000 χ^2/NDF : 2372602839.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 10.292+/-0.000 χ^2/NDF : 3101512965.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

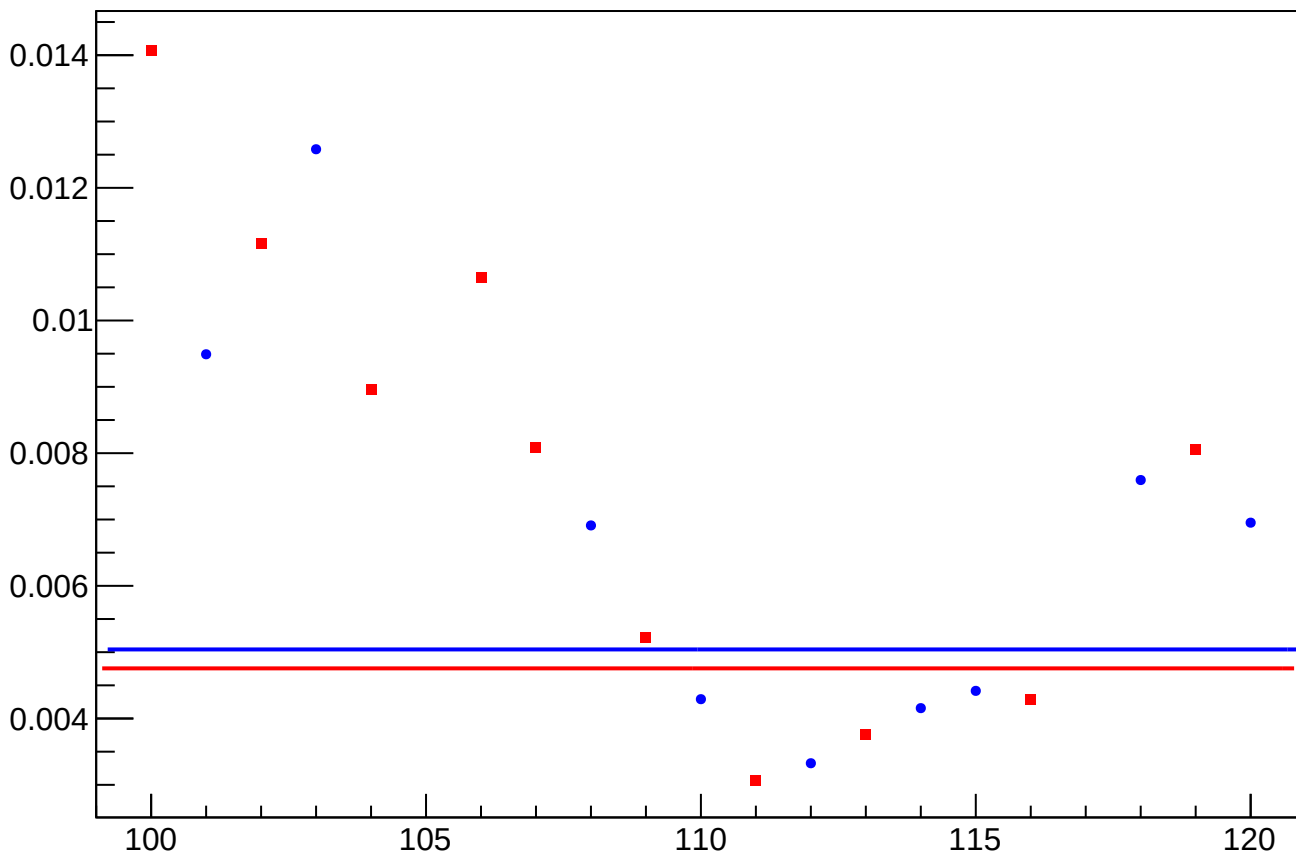
Right: 10.286+/-0.000 χ^2/NDF : 5488115488.0/18

In: 10.277+/-0.000 χ^2/NDF :2372602839.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 10.286+/-0.000 χ^2/NDF : 5488115488.0/18

yield_sam8_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1132516.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1402371.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

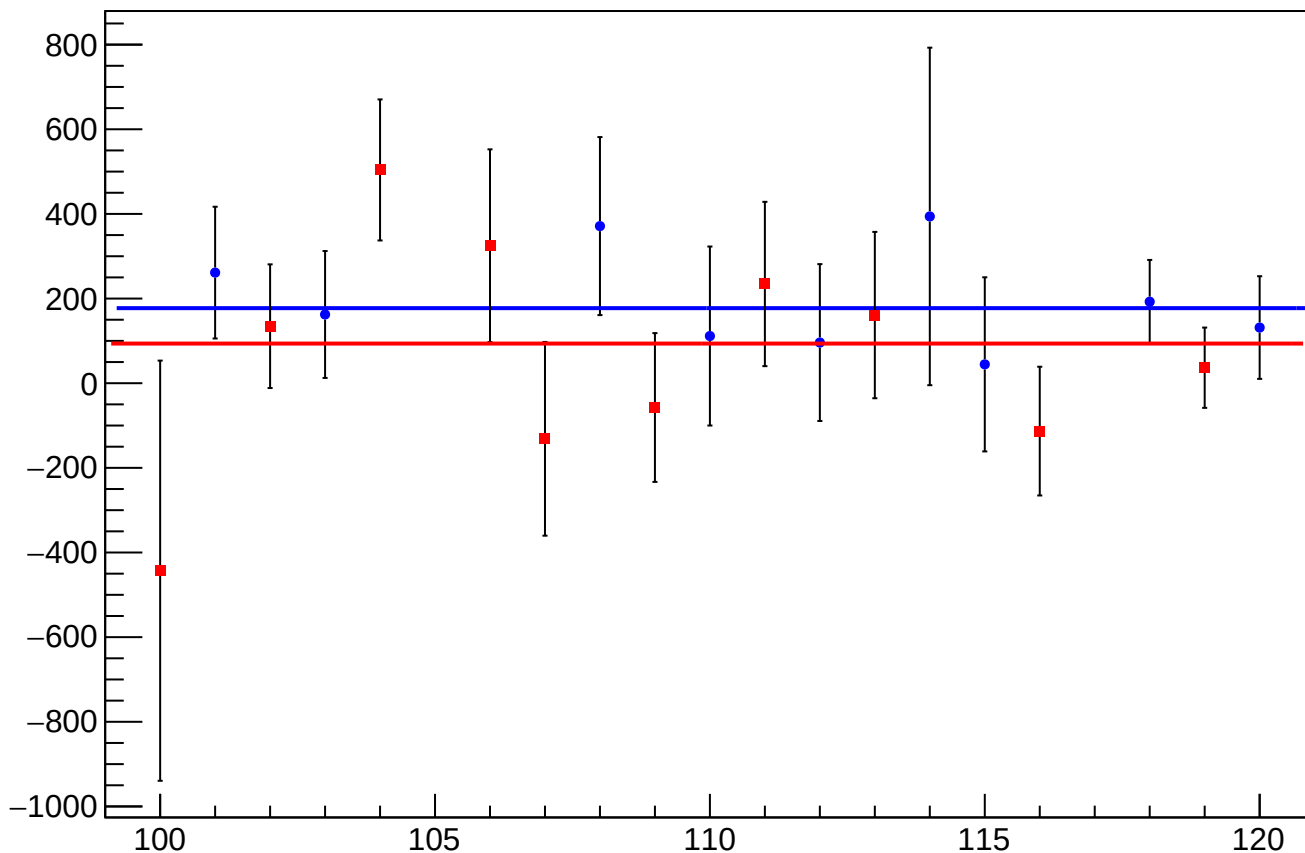
Right: 0.005+/-0.000 χ^2/NDF : 2544348.0/18

In: 0.005+/-0.000 χ^2/NDF : 1132516.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2544348.0/18

reg_asym_sam1_mean vs Slug, Sign Corrected



Right In: 177.369+/-52.678 χ^2/NDF : 2.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.654+/-52.383 χ^2/NDF : 12.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

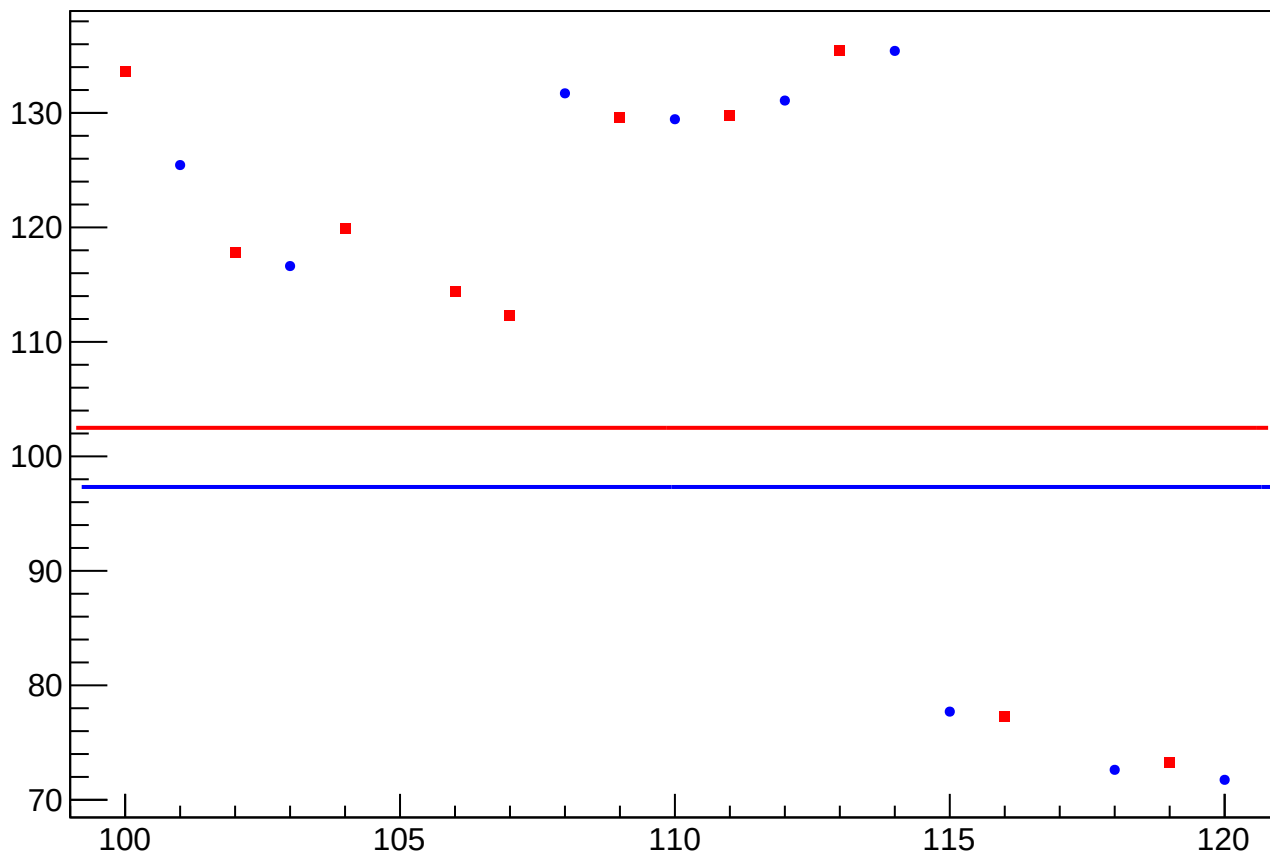
Right: 135.277+/-37.144 χ^2/NDF : 16.5/18

In: 177.369+/-52.678 χ^2/NDF : 2.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.277+/-37.144 χ^2/NDF : 16.5/18

reg_asym_sam1_rms vs Slug, Sign Corrected



Right In: 97.327+/-0.037 χ^2/NDF : 515043.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.494+/-0.037 χ^2/NDF : 449122.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

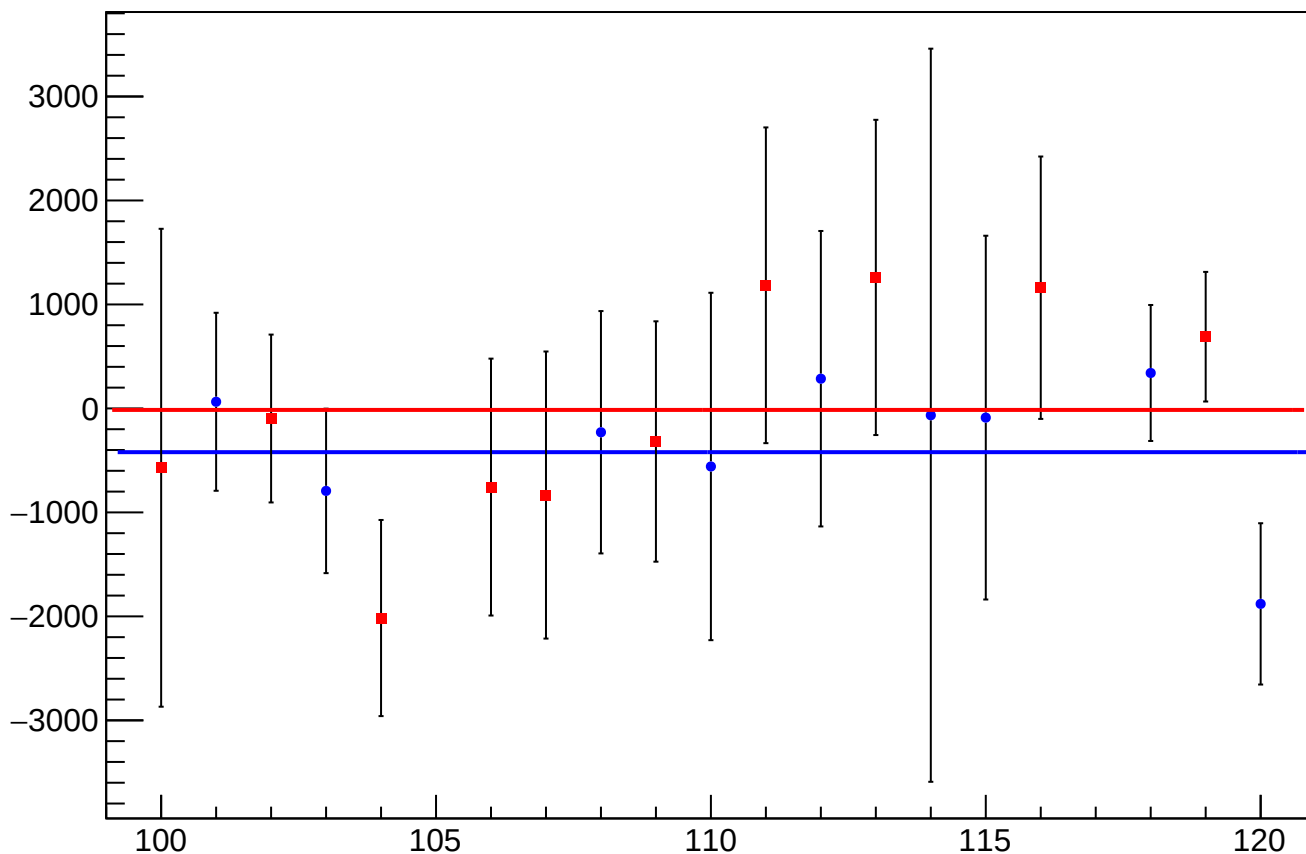
Right: 99.925+/-0.026 χ^2/NDF : 973840.4/18

In: 97.327+/-0.037 χ^2/NDF : 515043.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.925+/-0.026 χ^2/NDF : 973840.4/18

asym_sam1_reg_correction_mean vs Slug, Sign Corrected



Right In: -420.714+/-334.051 χ^2 /NDF: 5.8/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -14.464+/-336.197 χ^2 /NDF: 8.8/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

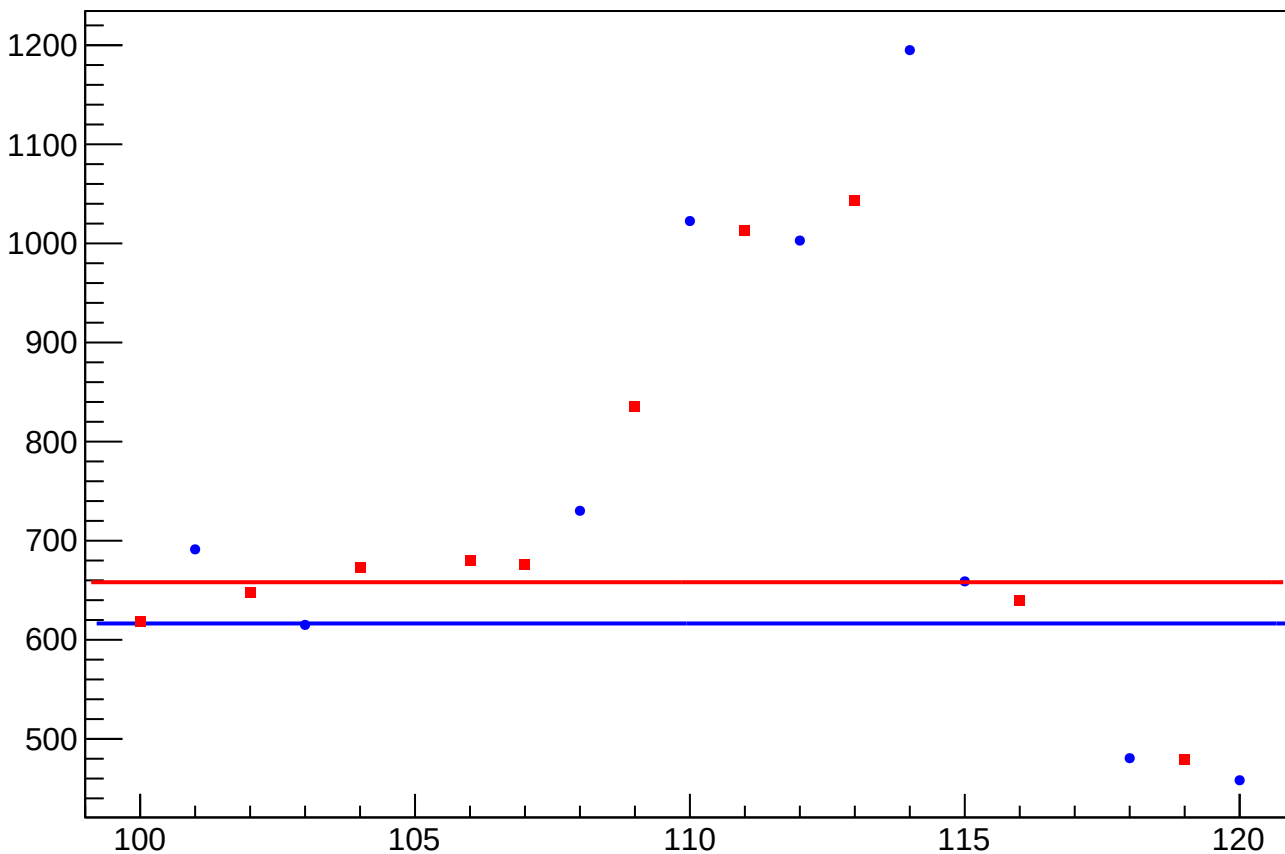
Right: -218.889+/-236.965 χ^2 /NDF: 15.3/18

In: -420.714+/-334.051 χ^2 /NDF:5.8/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -218.889+/-236.965 χ^2 /NDF: 15.3/18

asym_sam1_reg_correction_rms vs Slug, Sign Corrected



Right In: 616.490+/-0.236 χ^2/NDF : 525055.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 658.110+/-0.238 χ^2/NDF : 453730.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

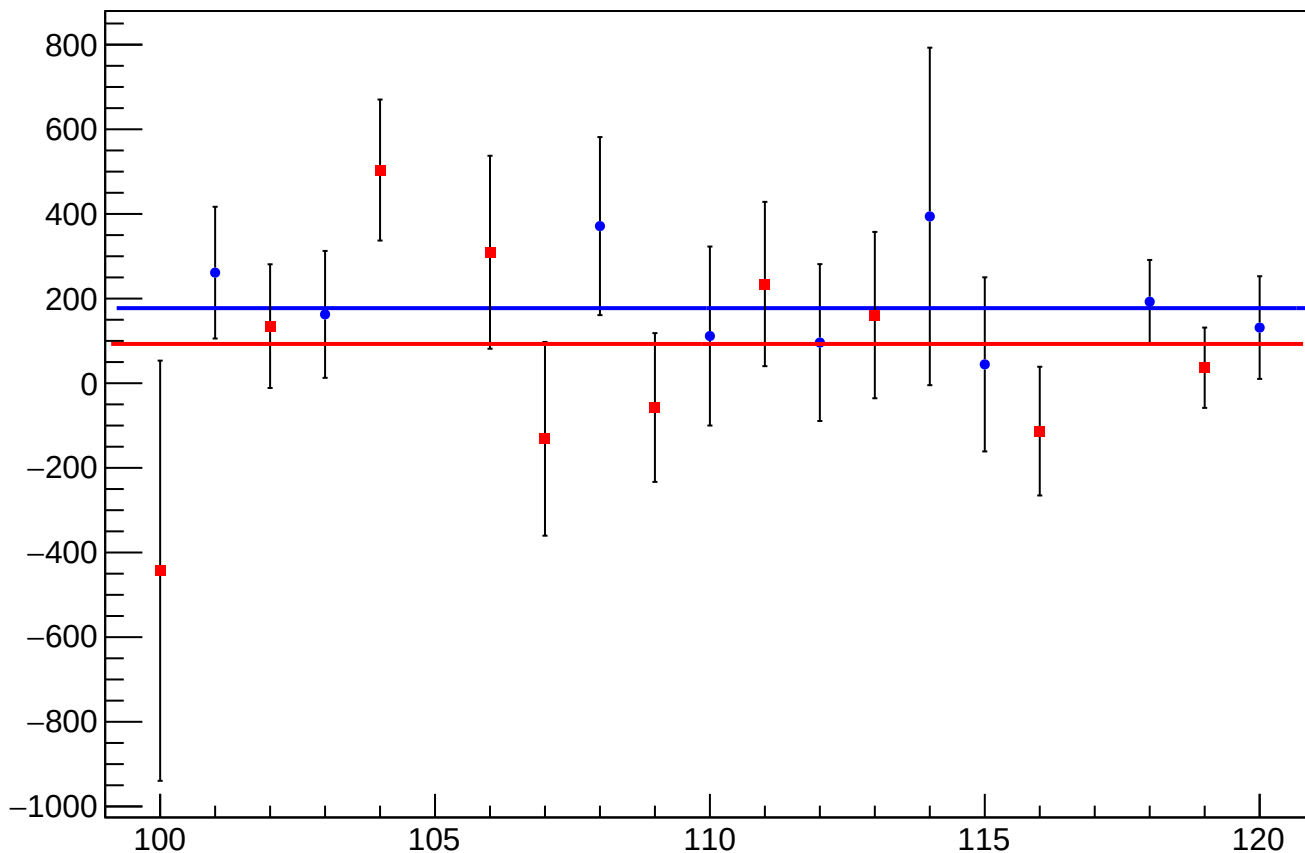
Right: 637.167+/-0.168 χ^2/NDF : 994210.0/18

In: 616.490+/-0.236 χ^2/NDF : 525055.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 637.167+/-0.168 χ^2/NDF : 994210.0/18

cor_asym_sam1_mean vs Slug, Sign Corrected



Right In: 177.413 $\pm$ 52.678 χ^2 /NDF: 2.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 92.828 $\pm$ 52.388 χ^2 /NDF: 12.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

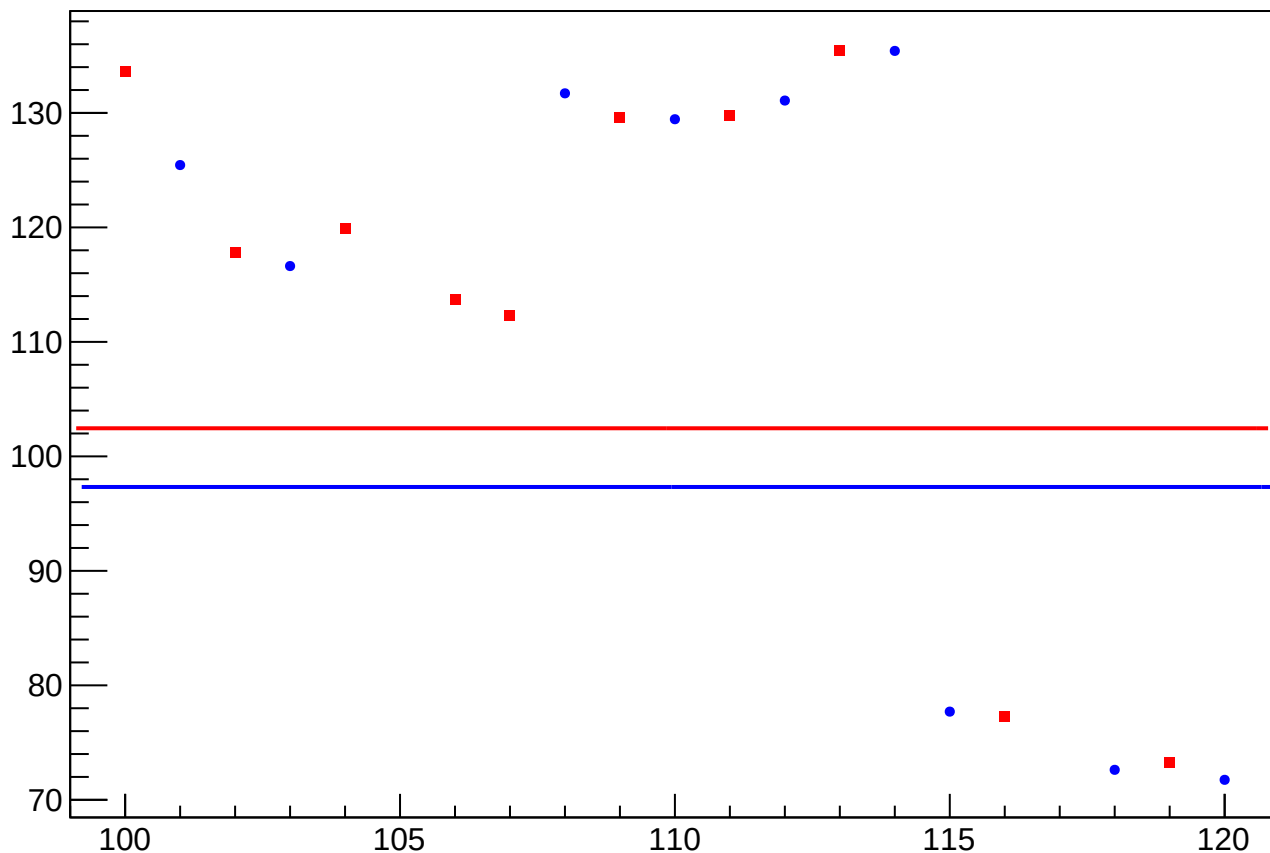
Right: 134.887 $\pm$ 37.146 χ^2 /NDF: 16.4/18

In: 177.413 $\pm$ 52.678 χ^2 /NDF:2.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 134.887 $\pm$ 37.146 χ^2 /NDF: 16.4/18

cor_asym_sam1_rms vs Slug, Sign Corrected



Right In: 97.327+/-0.037 χ^2/NDF : 515044.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.454+/-0.037 χ^2/NDF : 448479.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

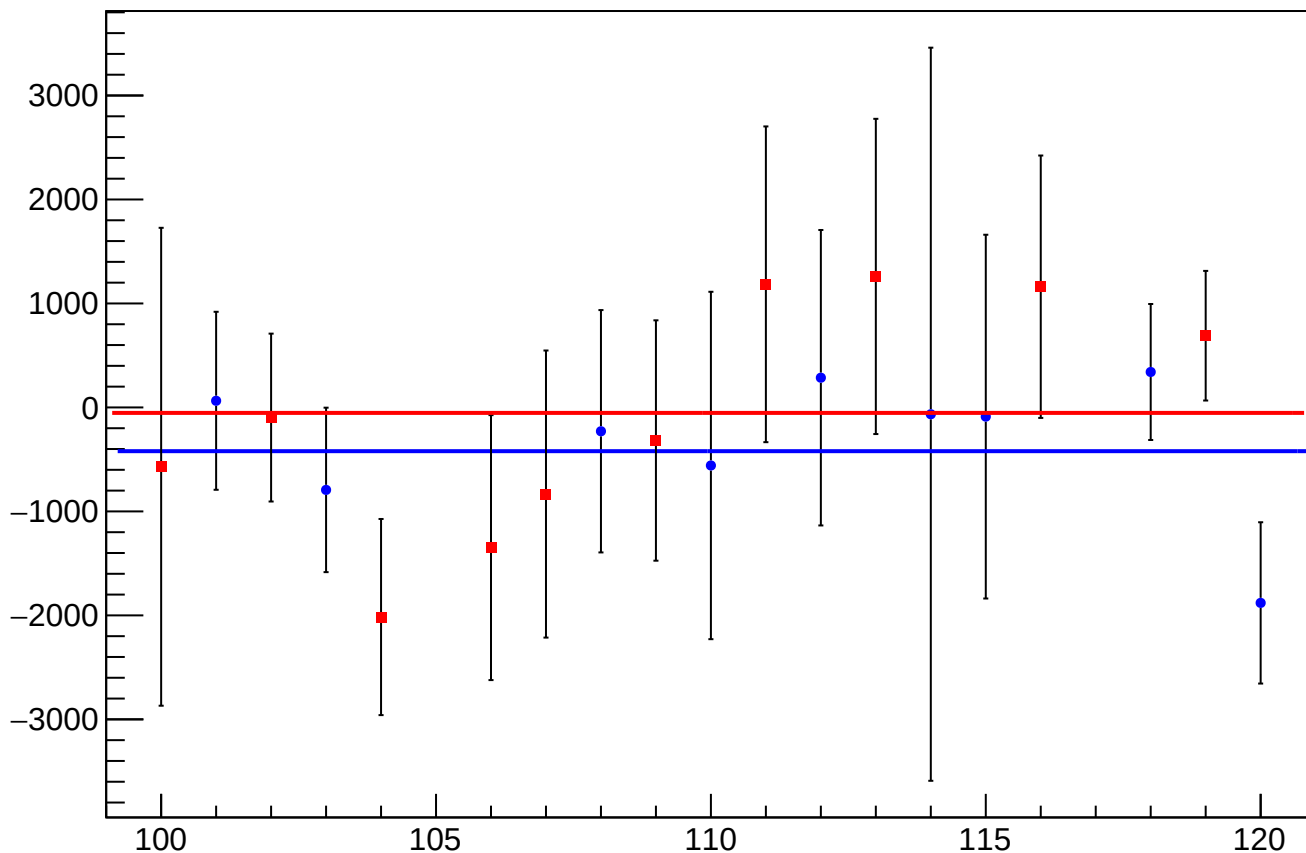
Right: 99.905+/-0.026 χ^2/NDF : 973049.4/18

In: 97.327+/-0.037 χ^2/NDF : 515044.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.905+/-0.026 χ^2/NDF : 973049.4/18

asym_sam1_cor_correction_mean vs Slug, Sign Corrected



Right In: -420.710+/-334.051 χ^2 /NDF: 5.8/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -52.623+/-336.948 χ^2 /NDF: 9.6/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

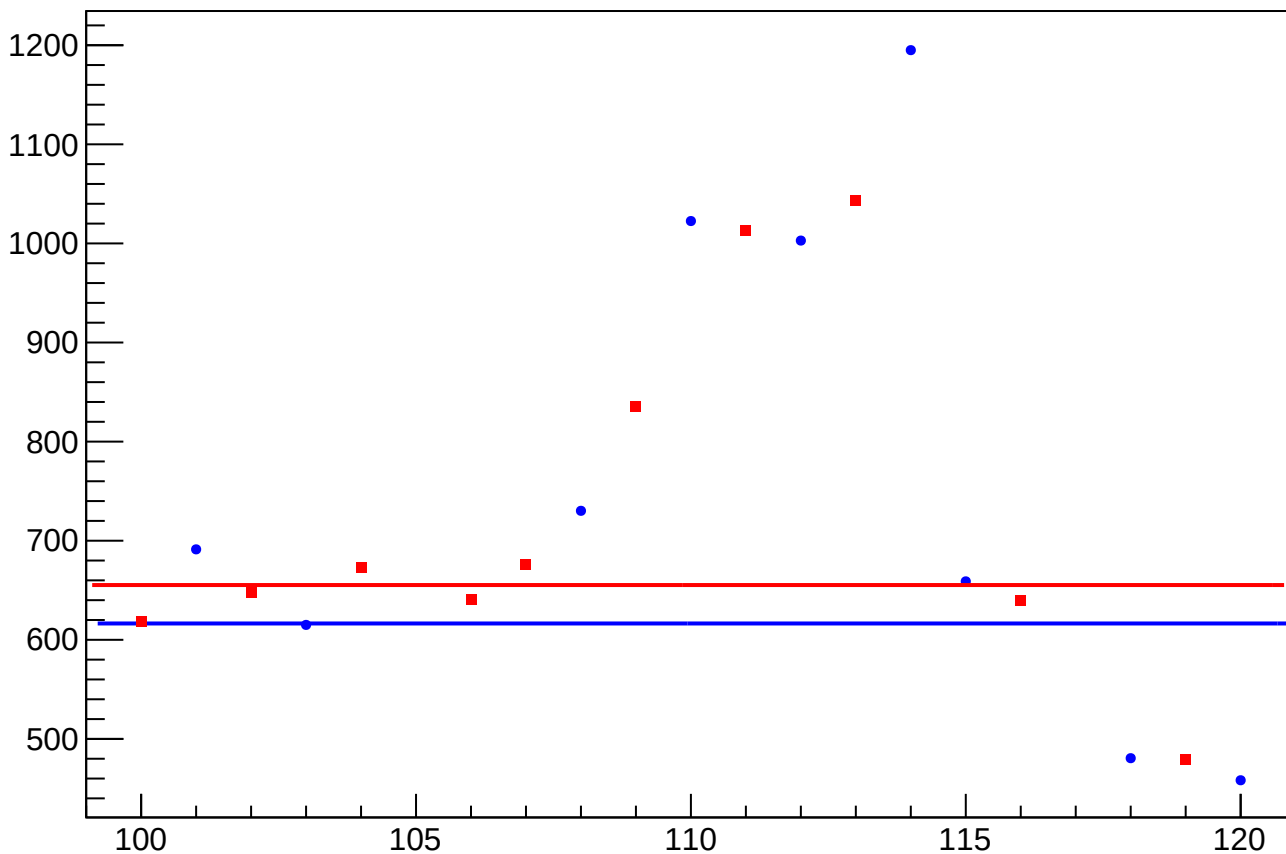
Right: -238.256+/-237.227 χ^2 /NDF: 15.9/18

In: -420.710+/-334.051 χ^2 /NDF:5.8/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -238.256+/-237.227 χ^2 /NDF: 15.9/18

asym_sam1_cor_correction_rms vs Slug, Sign Corrected



Right In: 616.489+/-0.236 χ^2/NDF : 525055.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 655.271+/-0.238 χ^2/NDF : 453369.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

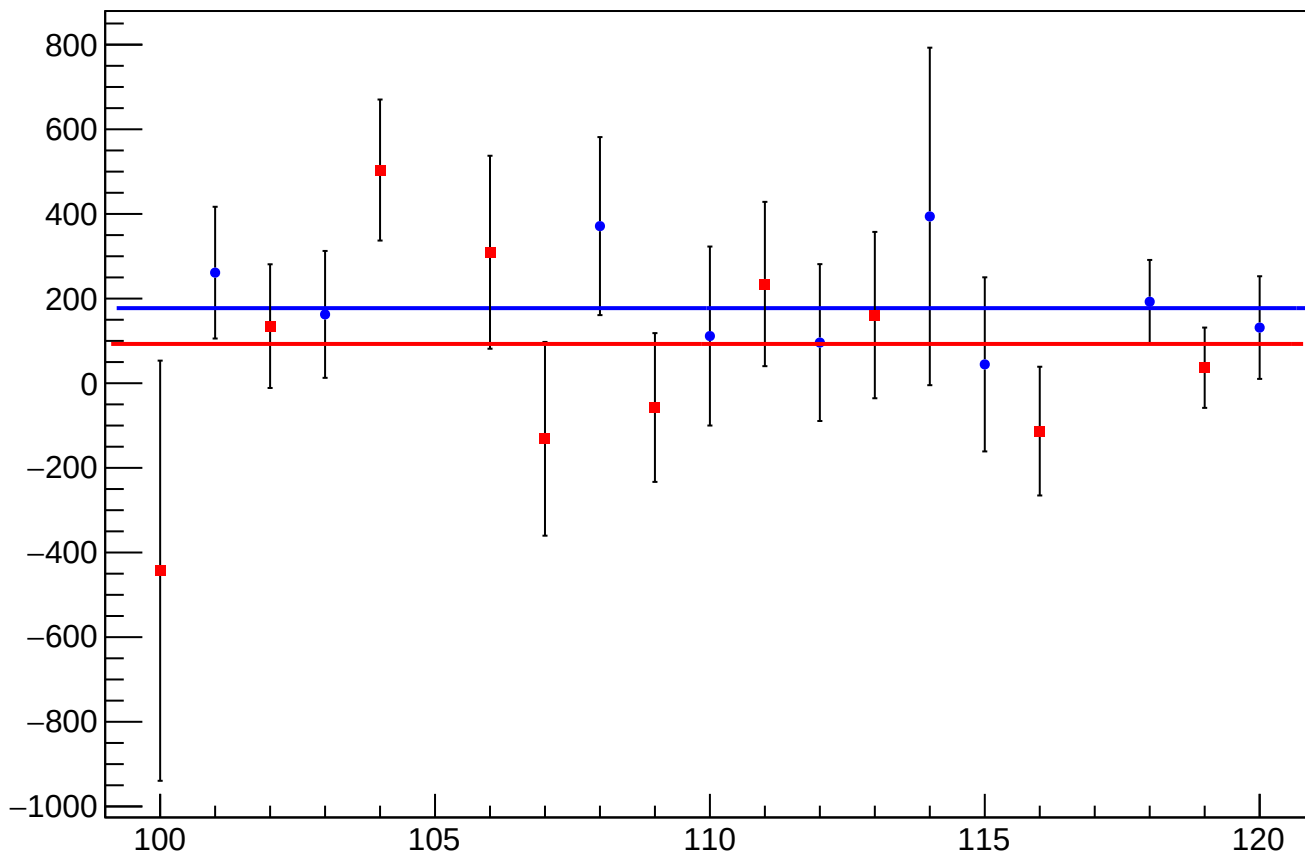
Right: 635.713+/-0.168 χ^2/NDF : 991786.5/18

In: 616.489+/-0.236 χ^2/NDF : 525055.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 635.713+/-0.168 χ^2/NDF : 991786.5/18

eigen_cor_asym_sam1_mean vs Slug, Sign Corrected



Right In: 177.413 $\pm$ 52.678 χ^2 /NDF: 2.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 92.828 $\pm$ 52.388 χ^2 /NDF: 12.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

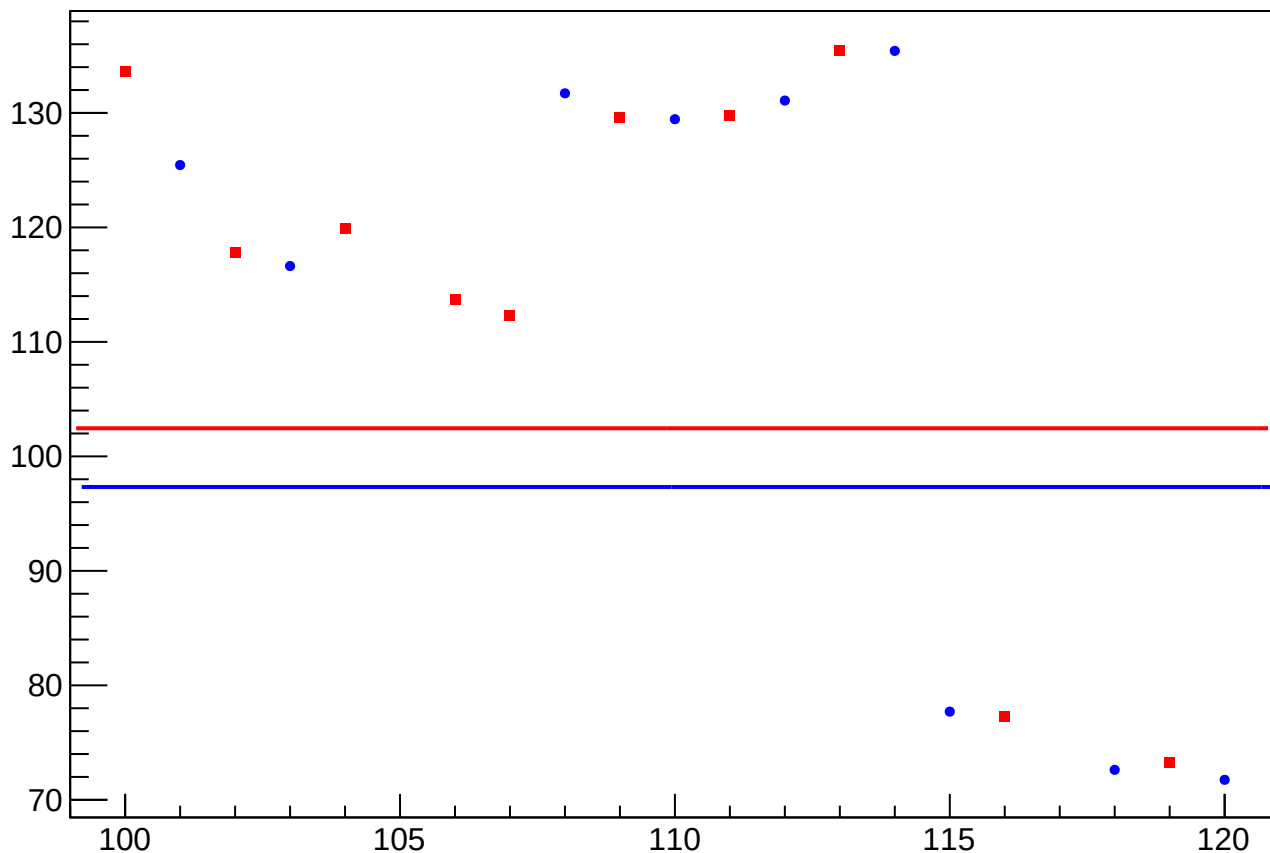
Right: 134.887 $\pm$ 37.146 χ^2 /NDF: 16.4/18

In: 177.413 $\pm$ 52.678 χ^2 /NDF:2.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 134.887 $\pm$ 37.146 χ^2 /NDF: 16.4/18

eigen_cor_asym_sam1_rms vs Slug, Sign Corrected



Right In: 97.327+/-0.037 χ^2/NDF : 515044.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.454+/-0.037 χ^2/NDF : 448479.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

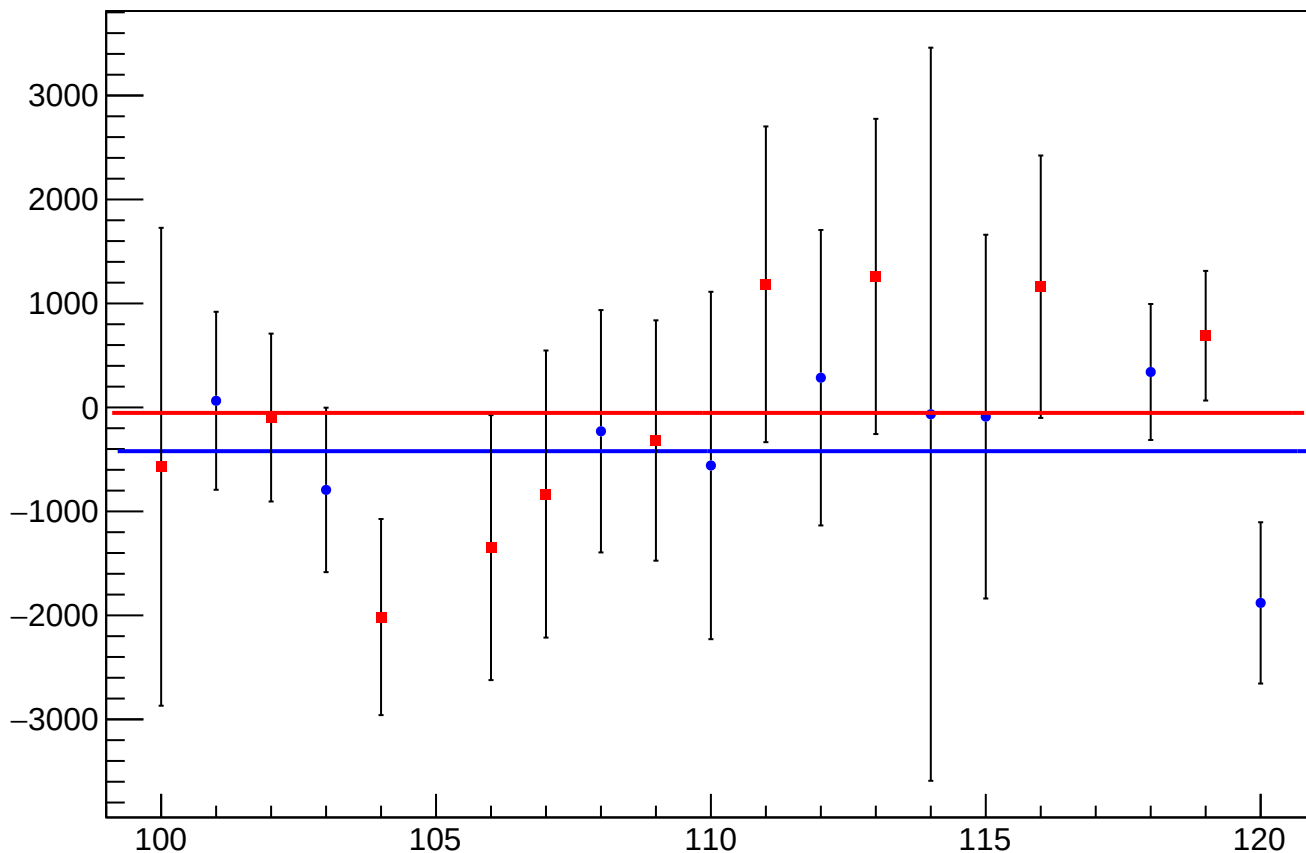
Right: 99.905+/-0.026 χ^2/NDF : 973049.4/18

In: 97.327+/-0.037 χ^2/NDF : 515044.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.905+/-0.026 χ^2/NDF : 973049.4/18

asym_sam1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -420.710+/-334.051 χ^2 /NDF: 5.8/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -52.623+/-336.948 χ^2 /NDF: 9.6/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

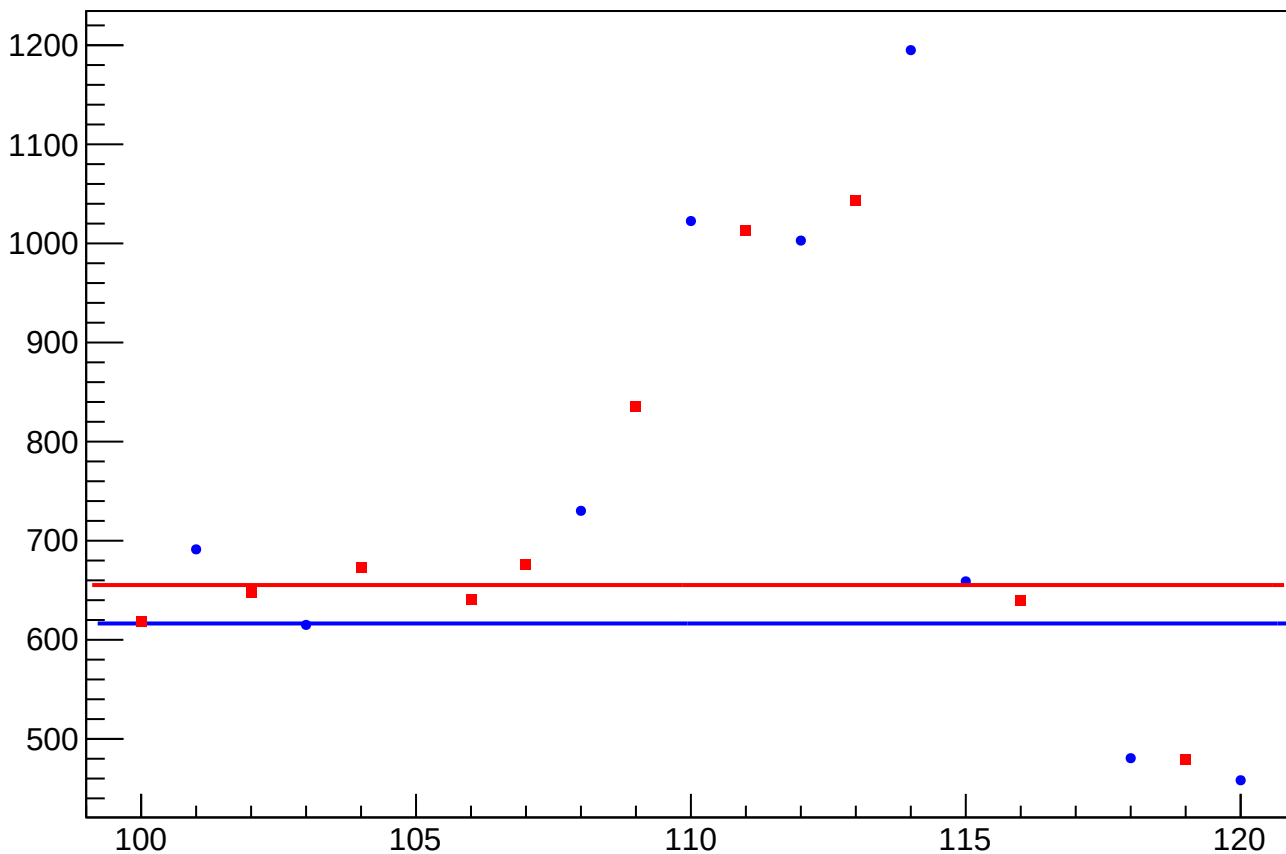
Right: -238.256+/-237.227 χ^2 /NDF: 15.9/18

In: -420.710+/-334.051 χ^2 /NDF:5.8/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -238.256+/-237.227 χ^2 /NDF: 15.9/18

asym_sam1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 616.489+/-0.236 χ^2/NDF : 525055.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 655.271+/-0.238 χ^2/NDF : 453369.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

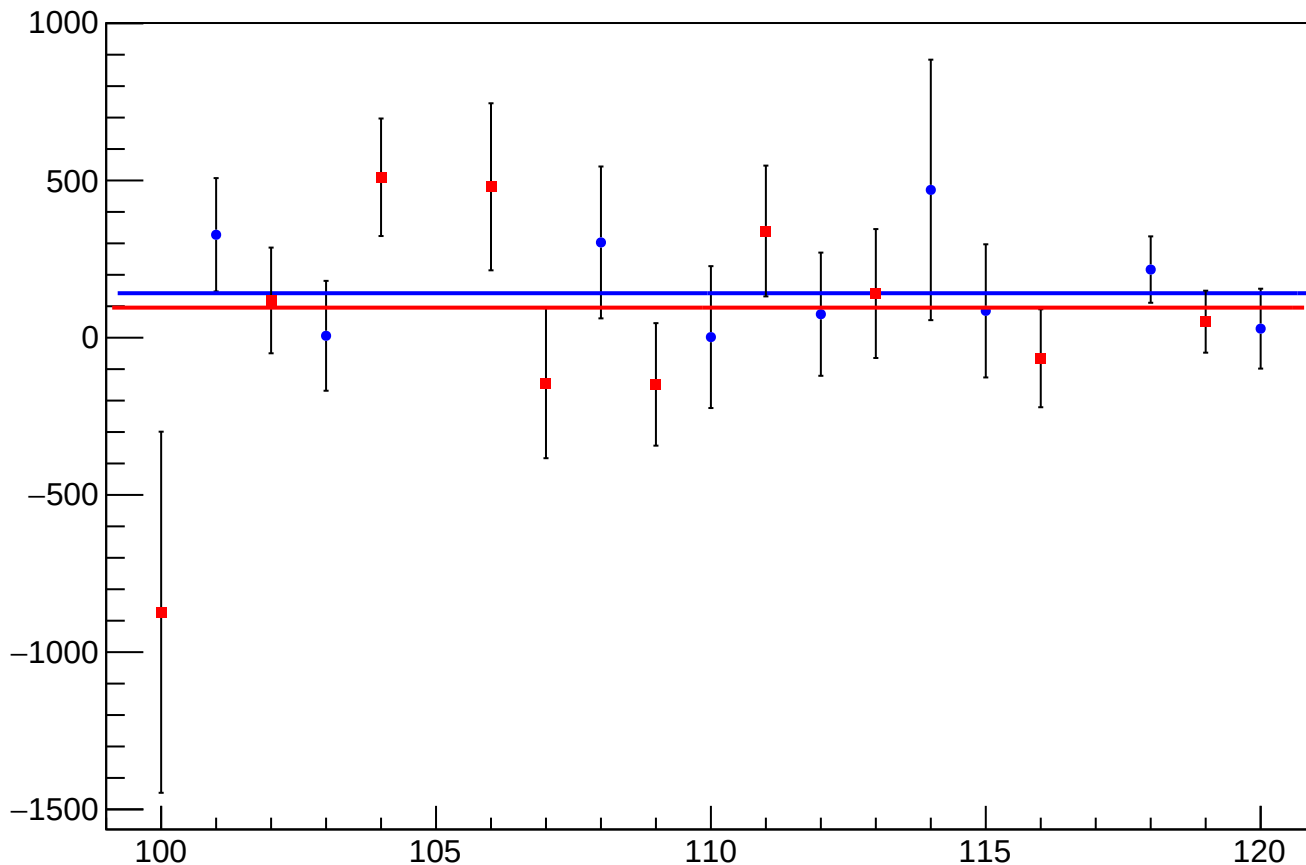
Right: 635.713+/-0.168 χ^2/NDF : 991786.5/18

In: 616.489+/-0.236 χ^2/NDF : 525055.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 635.713+/-0.168 χ^2/NDF : 991786.5/18

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 141.445+/-57.145 χ^2/NDF : 4.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.629+/-56.233 χ^2/NDF : 15.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

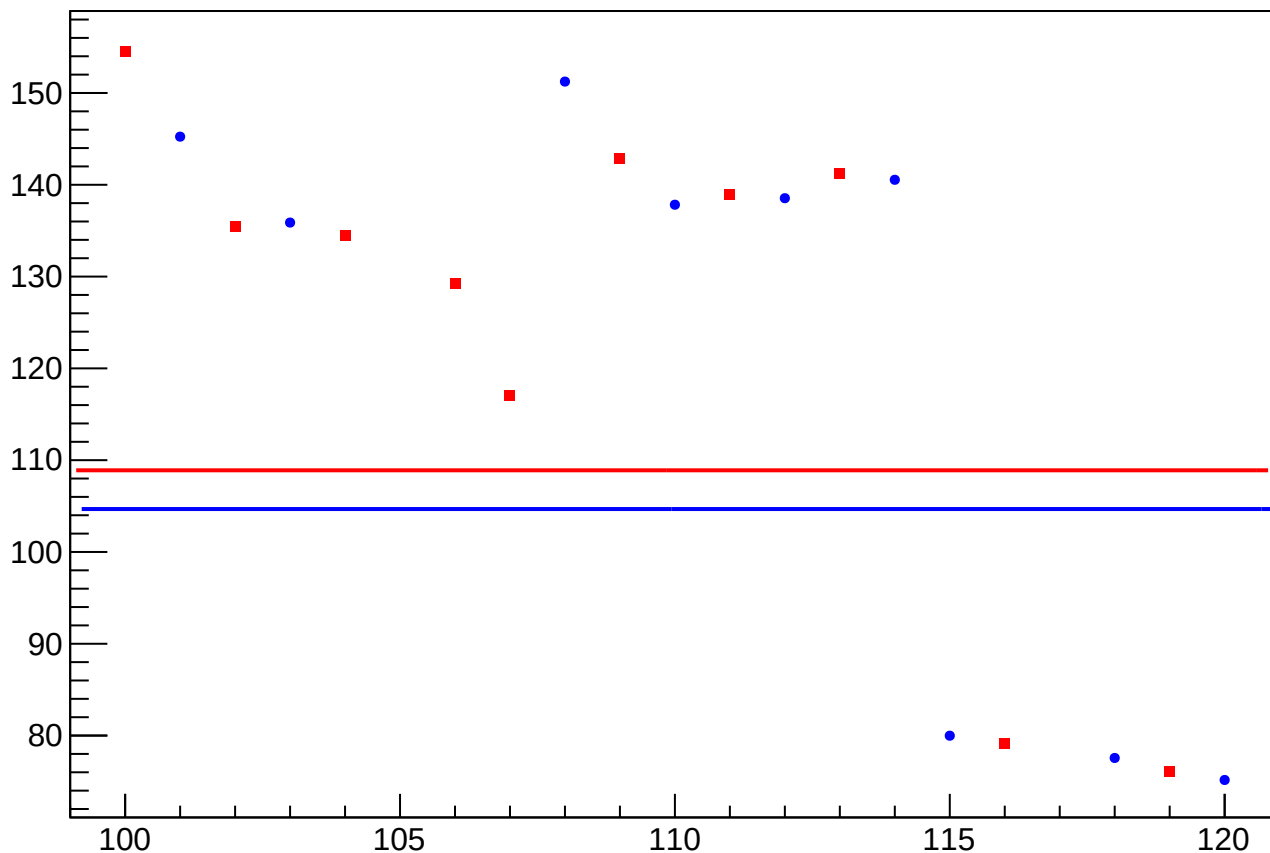
Right: 118.169+/-40.081 χ^2/NDF : 20.1/18

In: 141.445+/-57.145 χ^2/NDF : 4.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.169+/-40.081 χ^2/NDF : 20.1/18

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 104.677+/-0.040 χ^2/NDF : 624577.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.896+/-0.040 χ^2/NDF : 561106.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

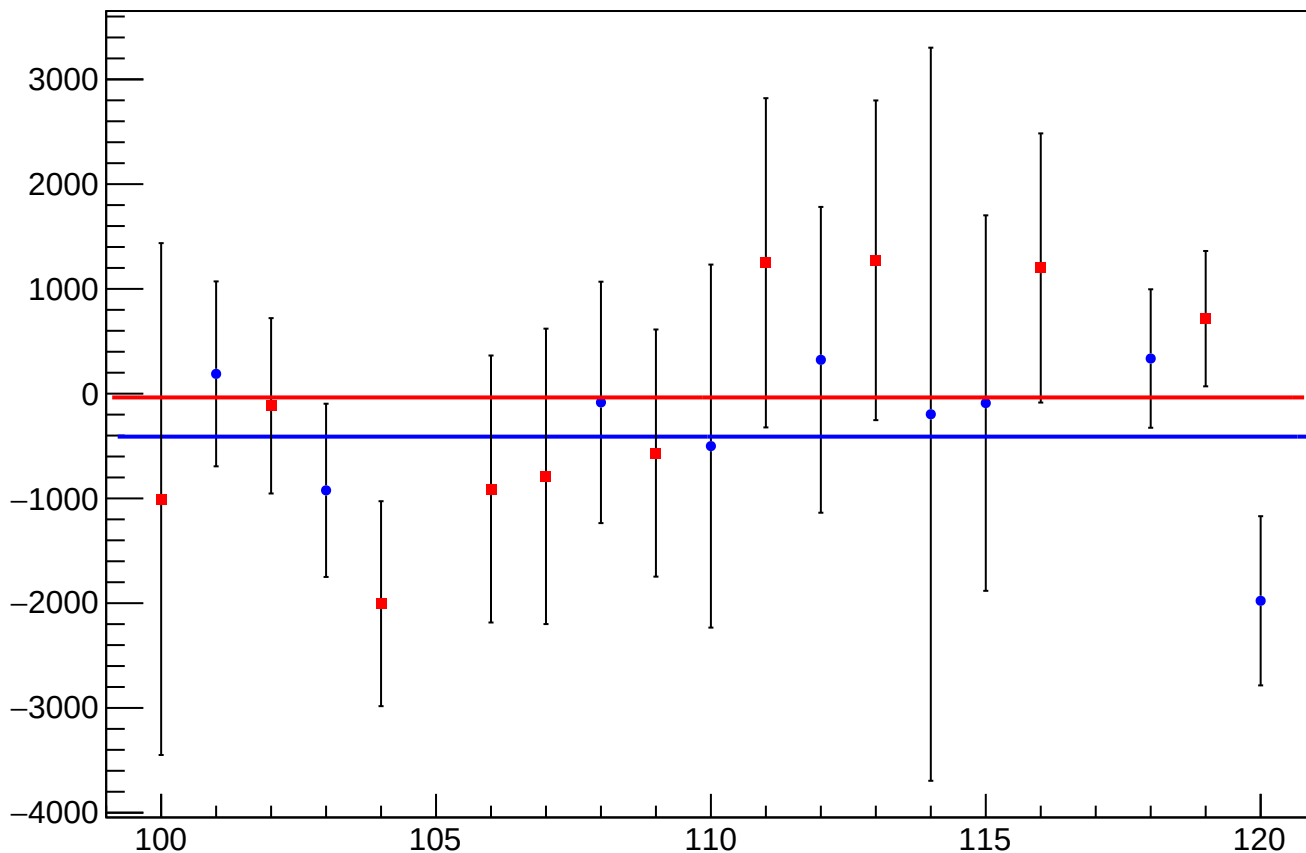
Right: 106.821+/-0.028 χ^2/NDF : 1191224.5/18

In: 104.677+/-0.040 χ^2/NDF : 624577.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.821+/-0.028 χ^2/NDF : 1191224.5/18

asym_sam1_dit_correction_mean vs Slug, Sign Corrected



Right In: -410.205+/-342.623 χ^2/NDF : 6.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.031+/-346.808 χ^2/NDF : 8.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

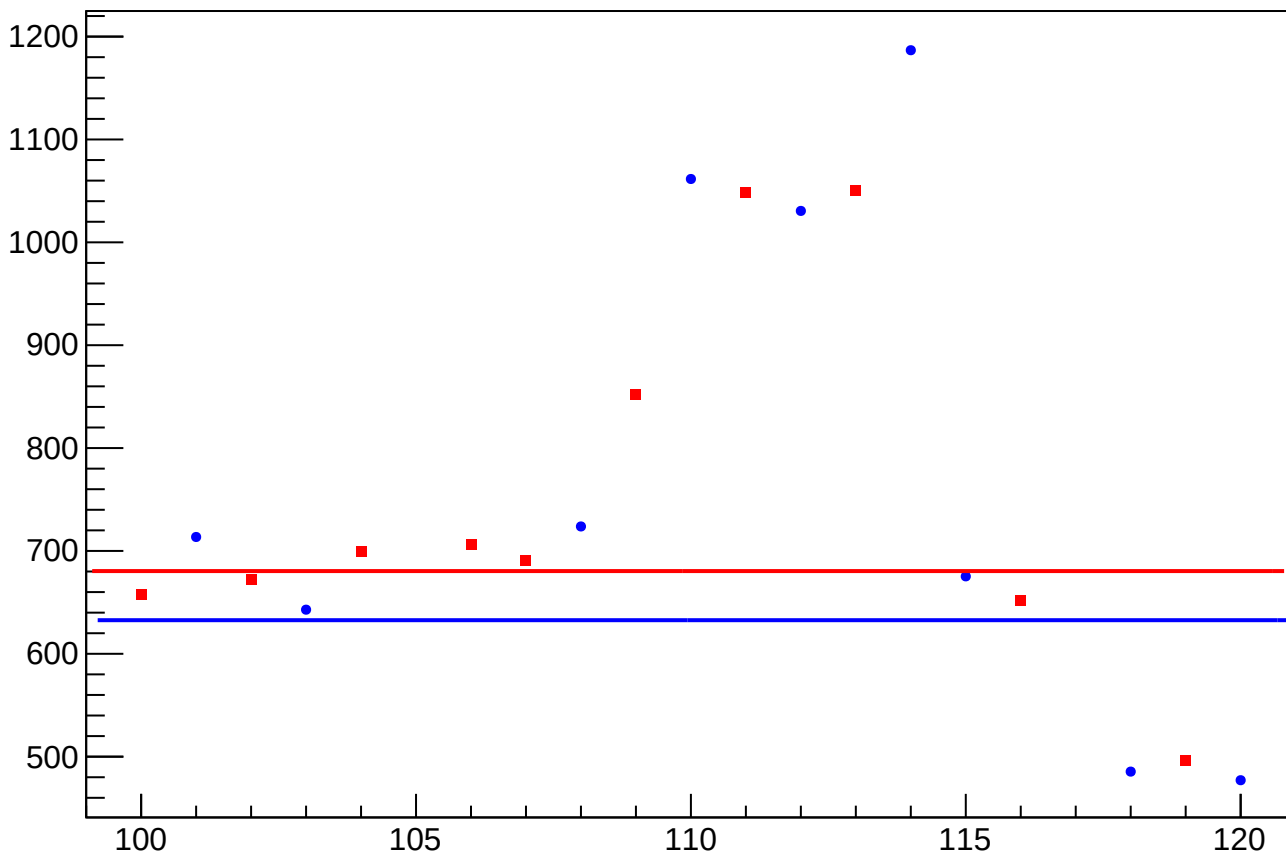
Right: -225.390+/-243.737 χ^2/NDF : 15.7/18

In: -410.205+/-342.623 χ^2/NDF : 6.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -225.390+/-243.737 χ^2/NDF : 15.7/18

asym_sam1_dit_correction_rms vs Slug, Sign Corrected



Right In: 632.669+/-0.242 χ^2/NDF : 525504.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 680.423+/-0.245 χ^2/NDF : 434576.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

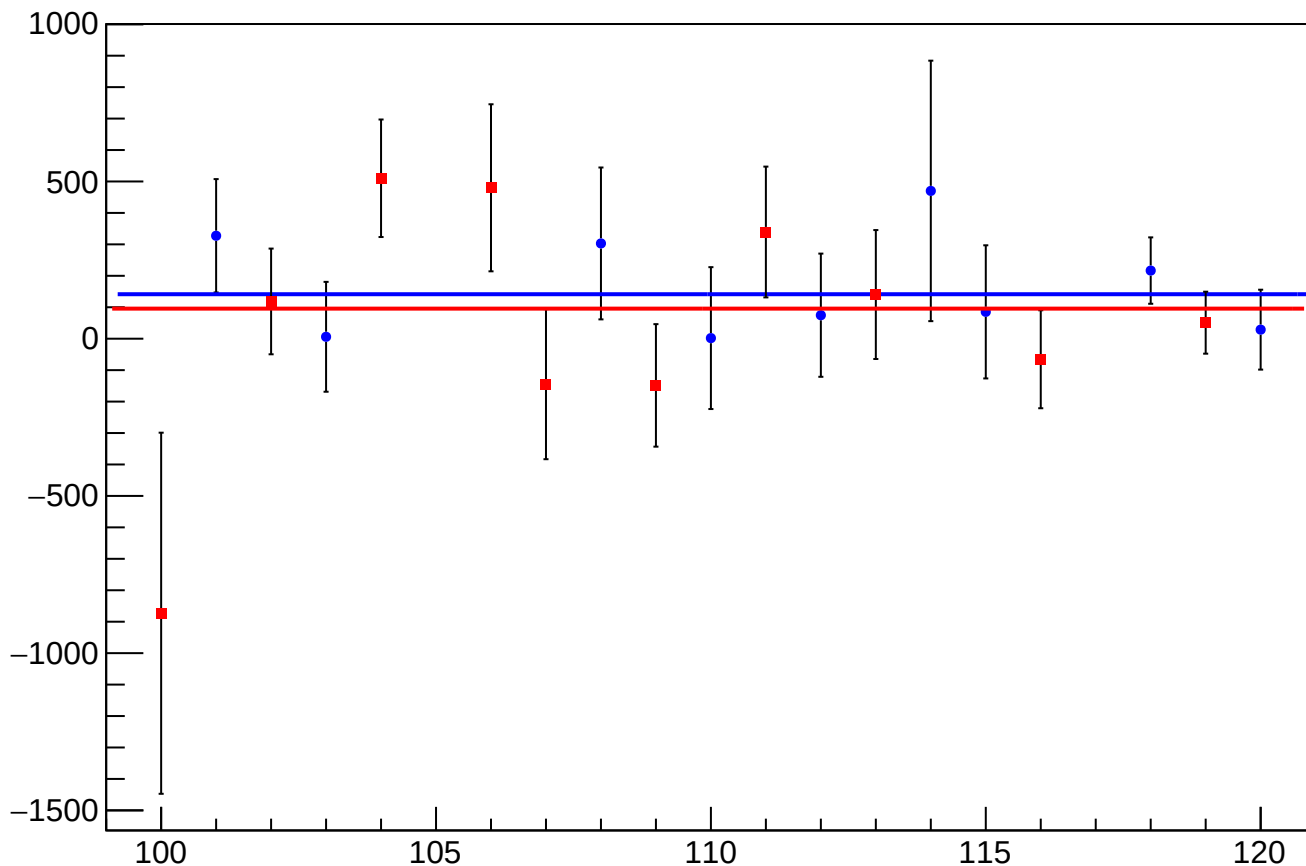
Right: 656.256+/-0.172 χ^2/NDF : 979271.0/18

In: 632.669+/-0.242 χ^2/NDF : 525504.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 656.256+/-0.172 χ^2/NDF : 979271.0/18

eigen_dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 141.446+/-57.145 χ^2/NDF : 4.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.627+/-56.233 χ^2/NDF : 15.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

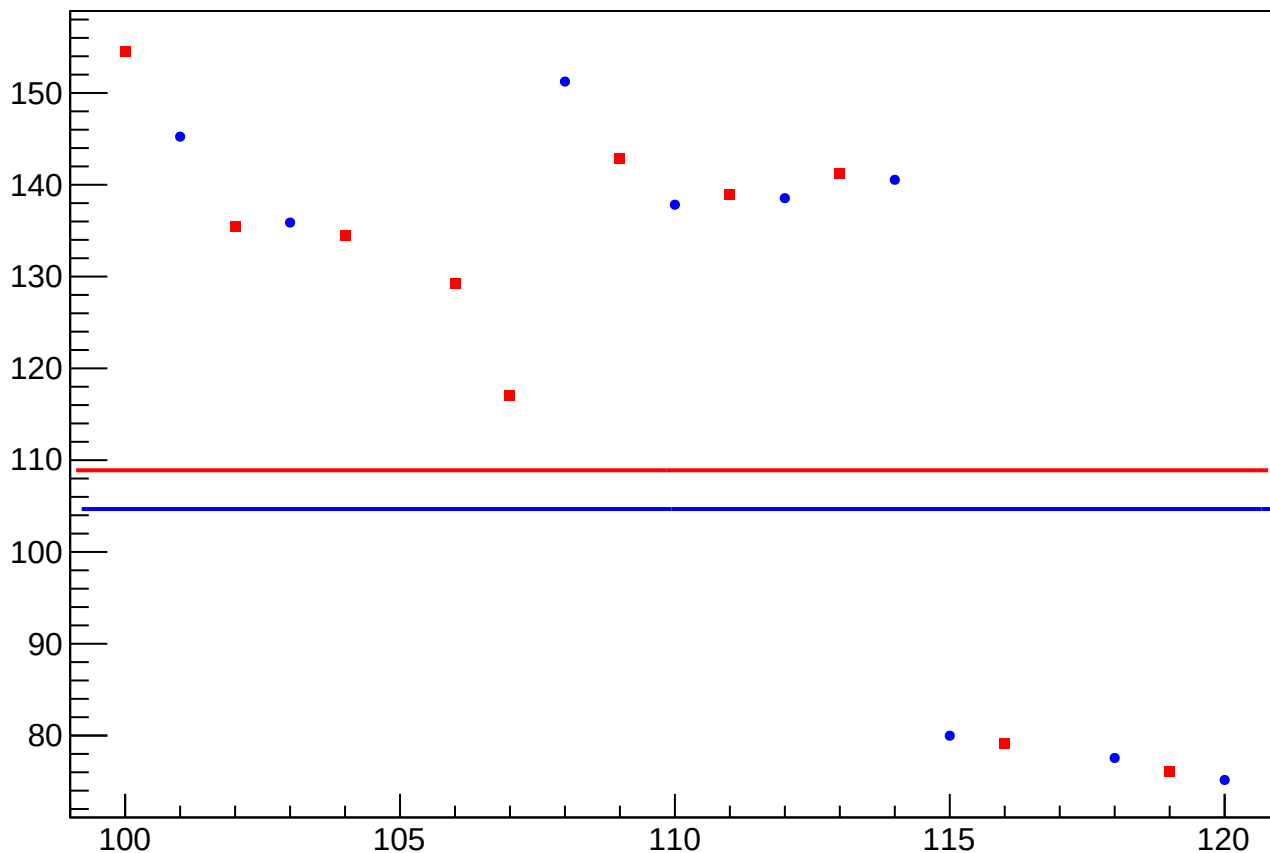
Right: 118.168+/-40.081 χ^2/NDF : 20.1/18

In: 141.446+/-57.145 χ^2/NDF : 4.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.168+/-40.081 χ^2/NDF : 20.1/18

eigen_dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 104.677+/-0.040 χ^2/NDF : 624578.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.896+/-0.040 χ^2/NDF : 561108.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

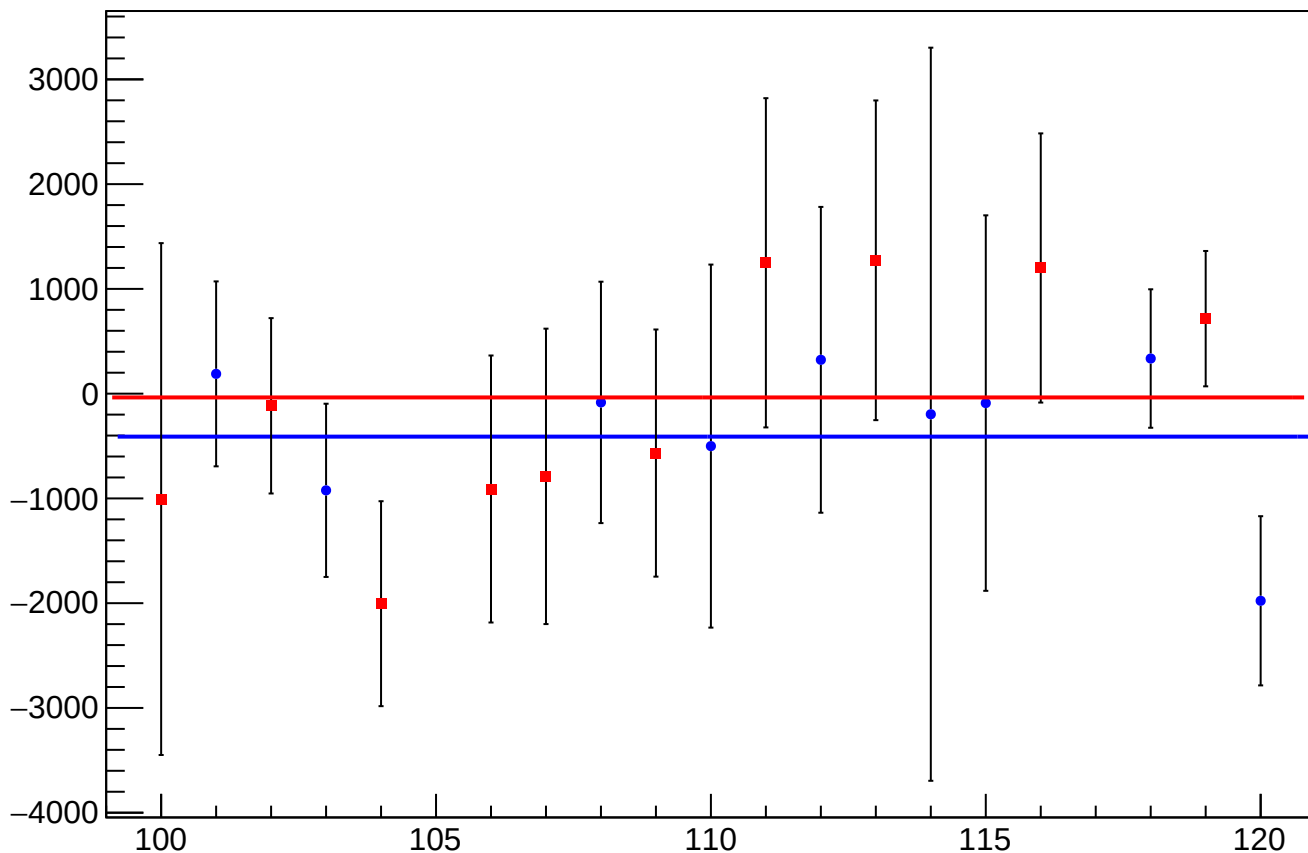
Right: 106.820+/-0.028 χ^2/NDF : 1191227.5/18

In: 104.677+/-0.040 χ^2/NDF : 624578.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.820+/-0.028 χ^2/NDF : 1191227.5/18

asym_sam1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -410.205+/-342.623 χ^2/NDF : 6.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.032+/-346.808 χ^2/NDF : 8.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

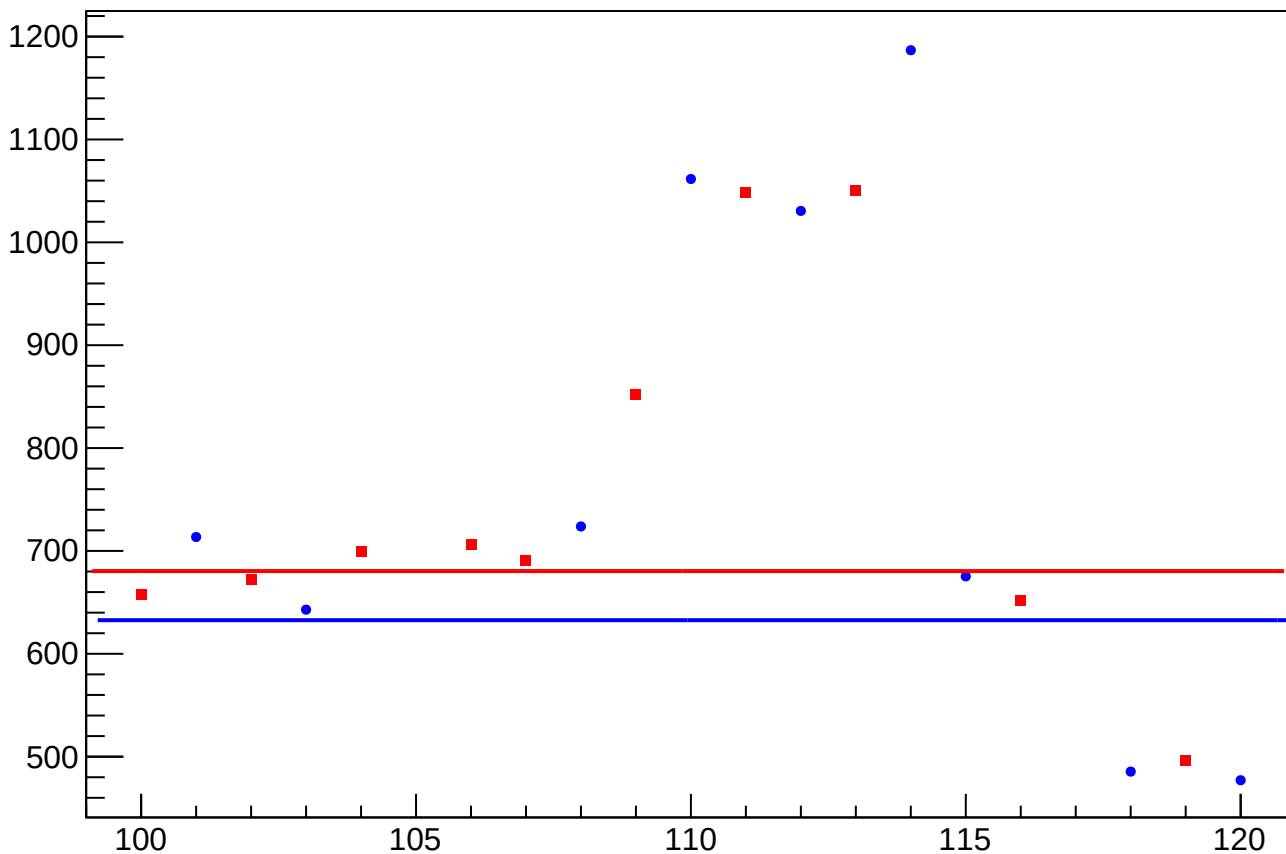
Right: -225.390+/-243.737 χ^2/NDF : 15.7/18

In: -410.205+/-342.623 χ^2/NDF : 6.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -225.390+/-243.737 χ^2/NDF : 15.7/18

asym_sam1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 632.668+/-0.242 χ^2/NDF : 525505.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 680.422+/-0.245 χ^2/NDF : 434576.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

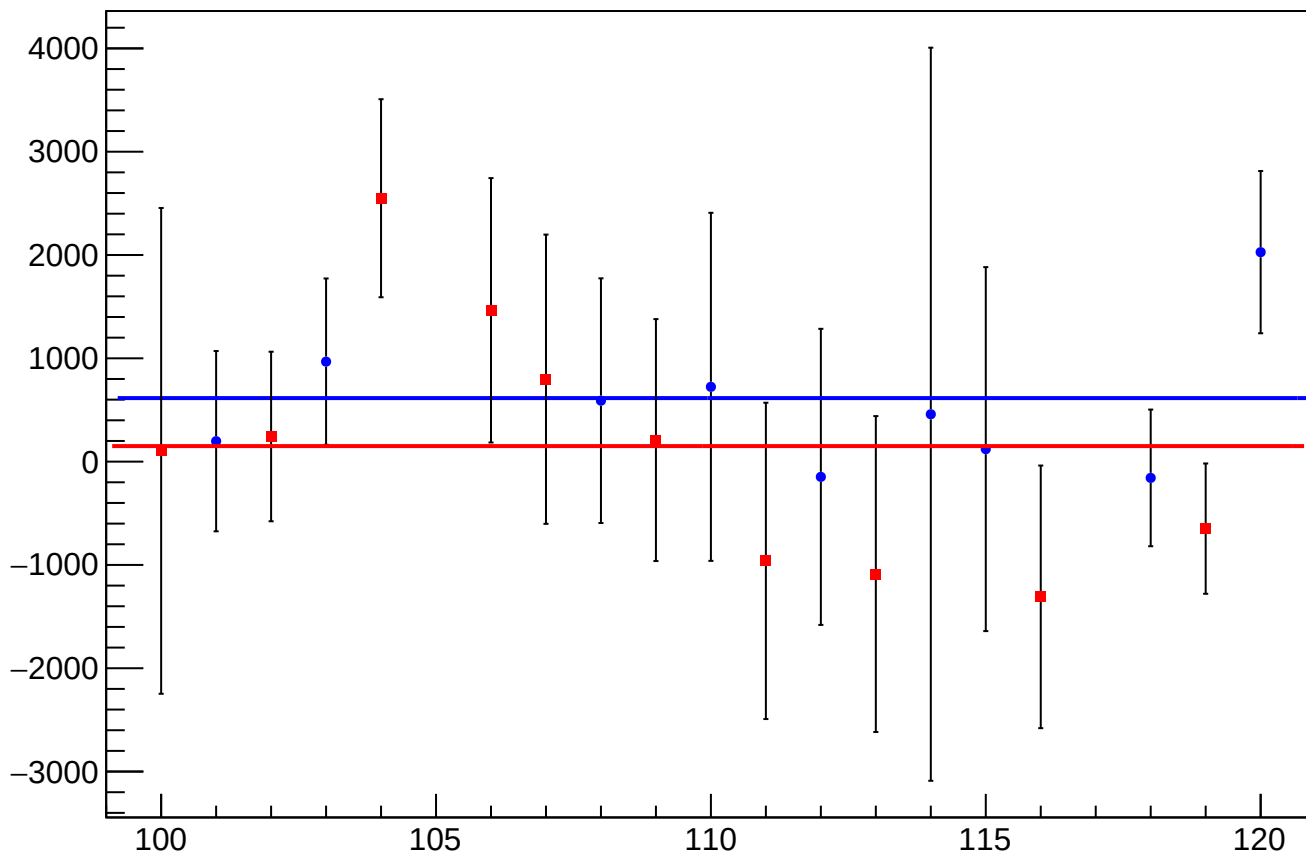
Right: 656.255+/-0.172 χ^2/NDF : 979273.2/18

In: 632.668+/-0.242 χ^2/NDF : 525505.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 656.255+/-0.172 χ^2/NDF : 979273.2/18

asym_sam1_mean vs Slug, Sign Corrected



Right In: 615.009+/-338.676 χ^2/NDF : 5.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.349+/-341.153 χ^2/NDF : 11.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

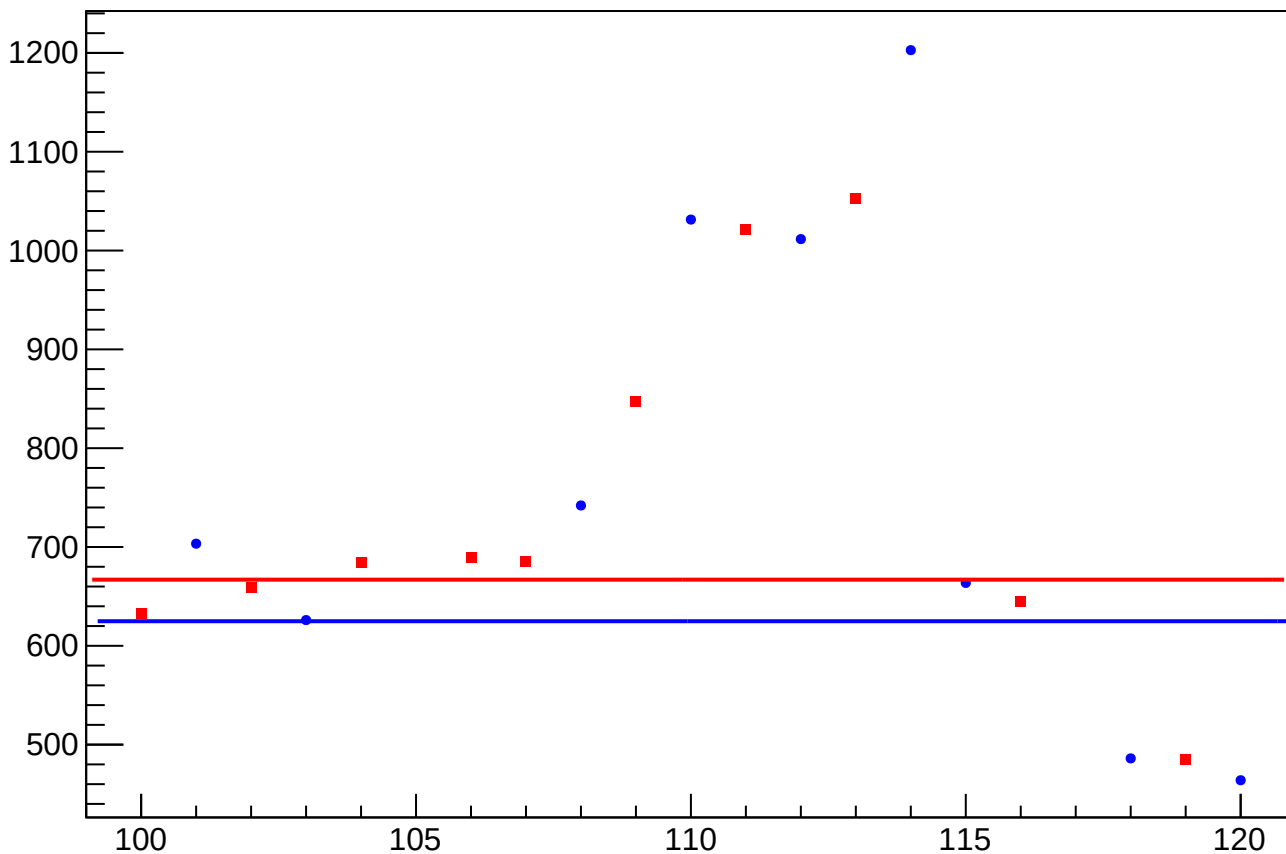
Right: 384.372+/-240.351 χ^2/NDF : 18.0/18

In: 615.009+/-338.676 χ^2/NDF : 5.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 384.372+/-240.351 χ^2/NDF : 18.0/18

asym_sam1_rms vs Slug, Sign Corrected



Right In: 624.879+/-0.239 χ^2/NDF : 523938.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 666.952+/-0.241 χ^2/NDF : 451775.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

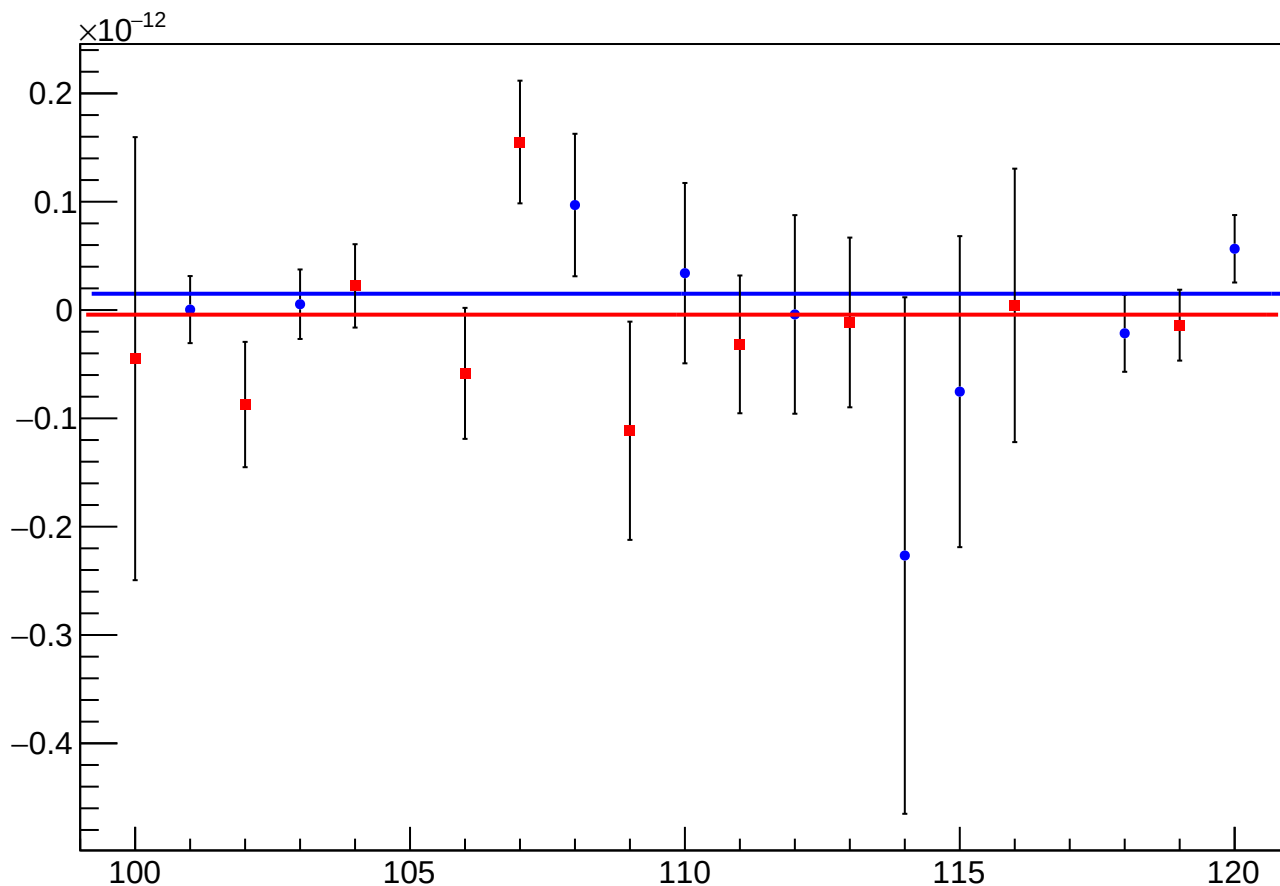
Right: 645.762+/-0.170 χ^2/NDF : 991034.4/18

In: 624.879+/-0.239 χ^2/NDF : 523938.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 645.762+/-0.170 χ^2/NDF : 991034.4/18

asym_sam1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

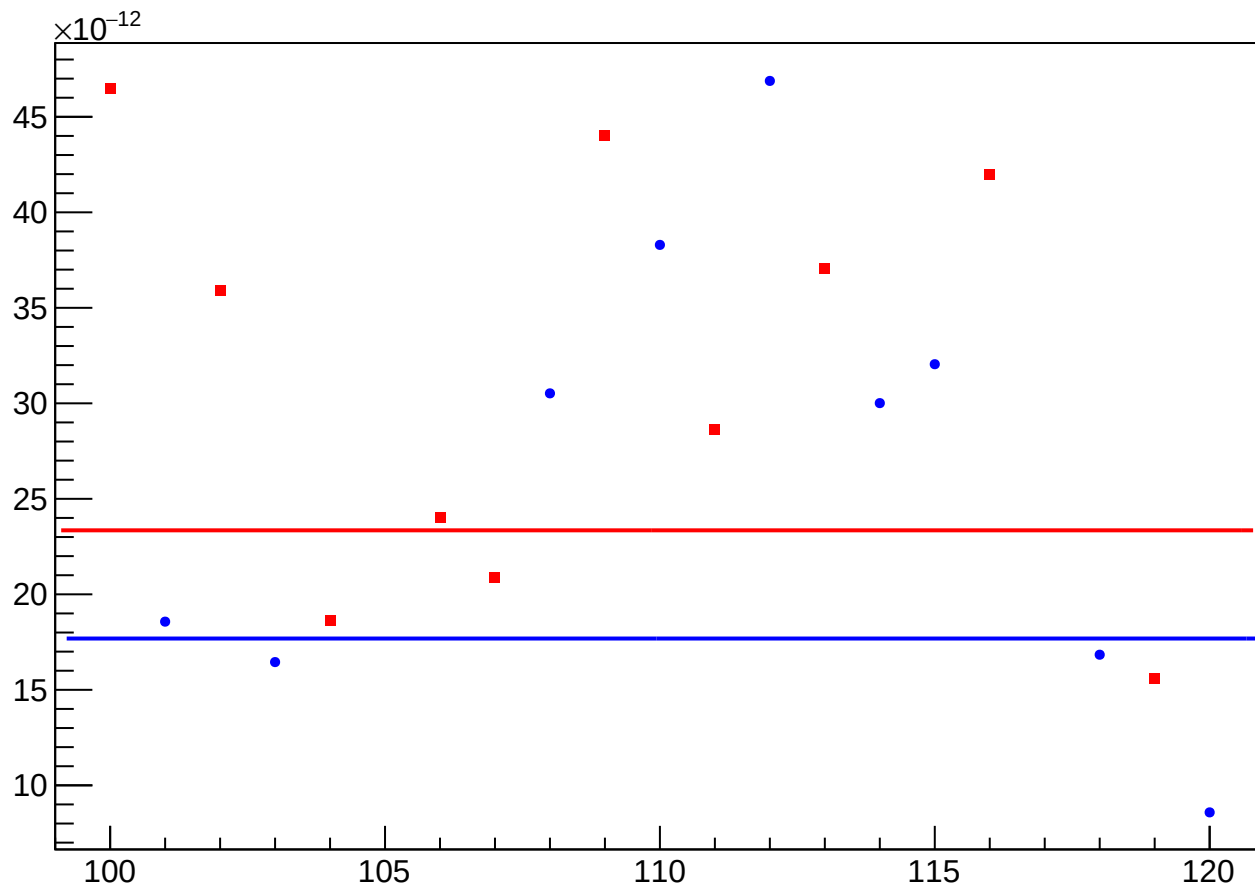
Right: 0.000+/-0.000 χ^2/NDF : 19.6/18

In: 0.000+/-0.000 χ^2/NDF : 6.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.6/18

asym_sam1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 603459.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 469777.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

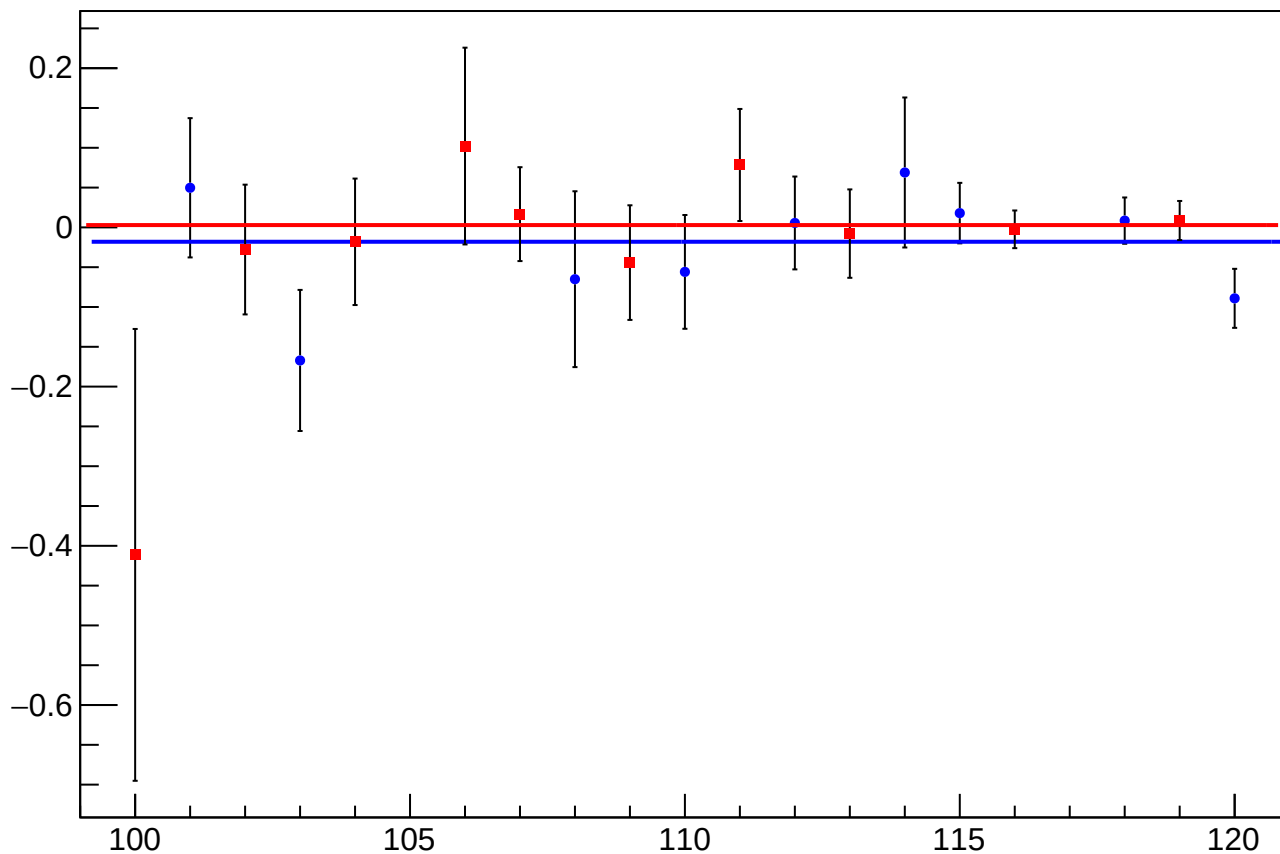
Right: 0.000+/-0.000 χ^2/NDF : 1189670.0/18

In: 0.000+/-0.000 χ^2/NDF : 603459.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1189670.0/18

asym_sam1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018+/-0.017 χ^2/NDF : 10.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.014 χ^2/NDF : 4.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

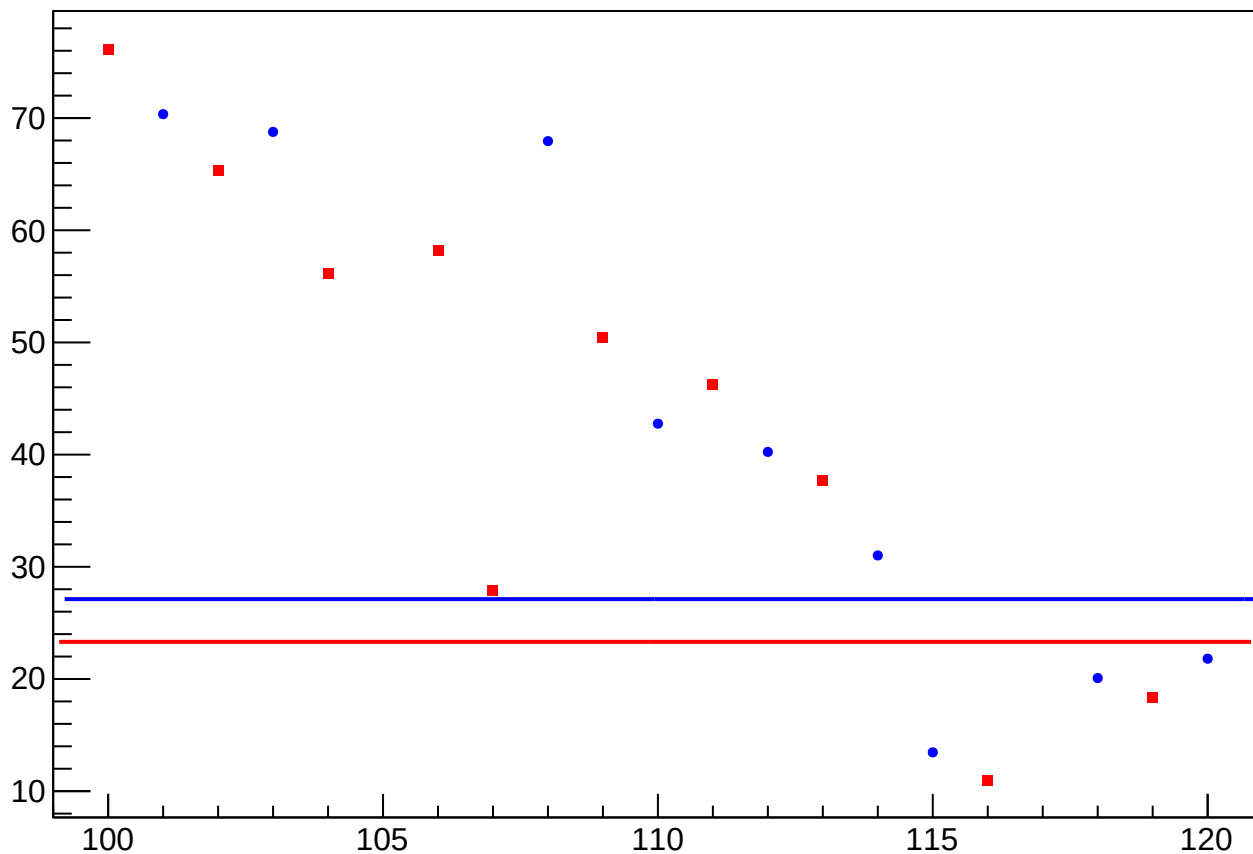
Right: -0.006+/-0.011 χ^2/NDF : 16.0/18

In: -0.018+/-0.017 χ^2/NDF : 10.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.011 χ^2/NDF : 16.0/18

asym_sam1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.120+/-0.012 χ^2/NDF : 1820458.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.312+/-0.010 χ^2/NDF : 2372580.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

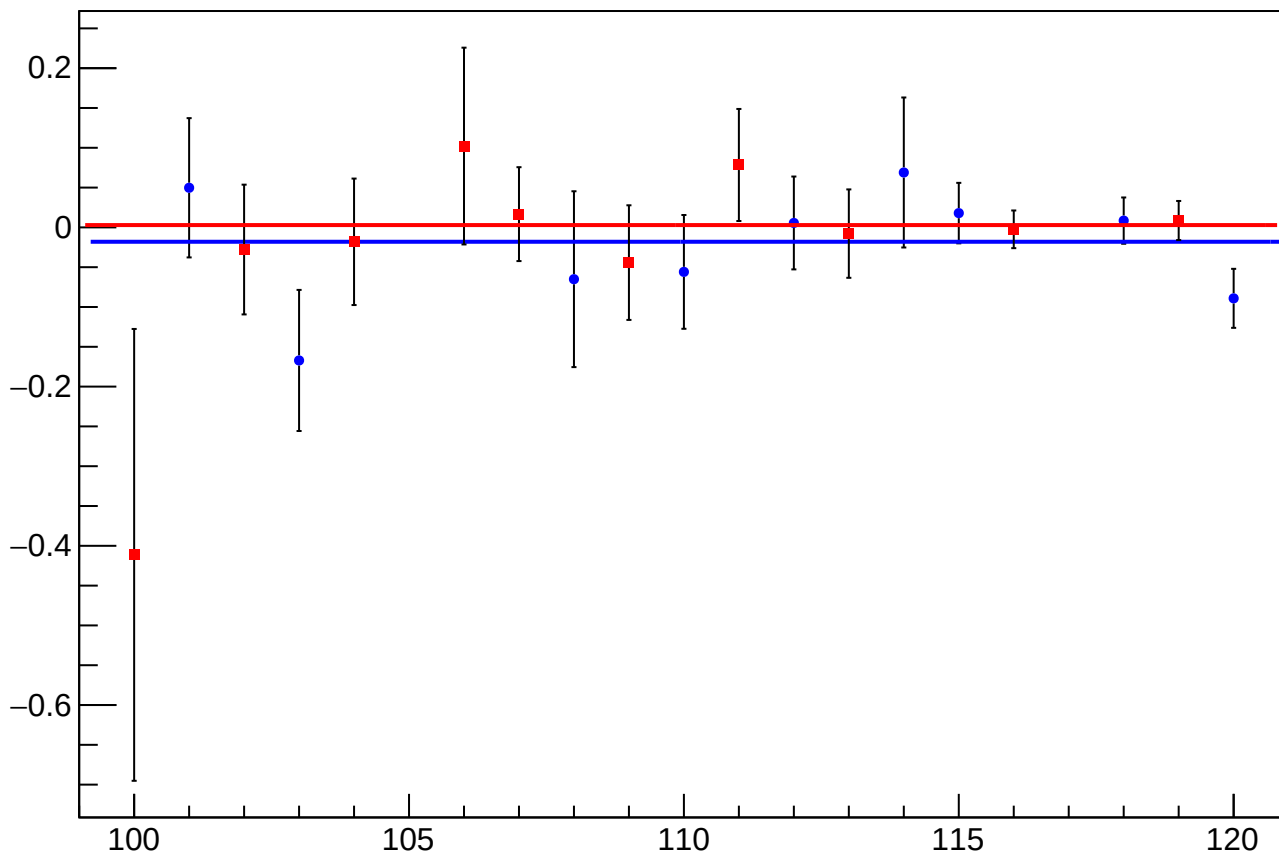
Right: 24.923+/-0.008 χ^2/NDF : 4252390.3/18

In: 27.120+/-0.012 χ^2/NDF : 1820458.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.923+/-0.008 χ^2/NDF : 4252390.3/18

asym_sam1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018+/-0.017 χ^2/NDF : 10.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.014 χ^2/NDF : 4.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

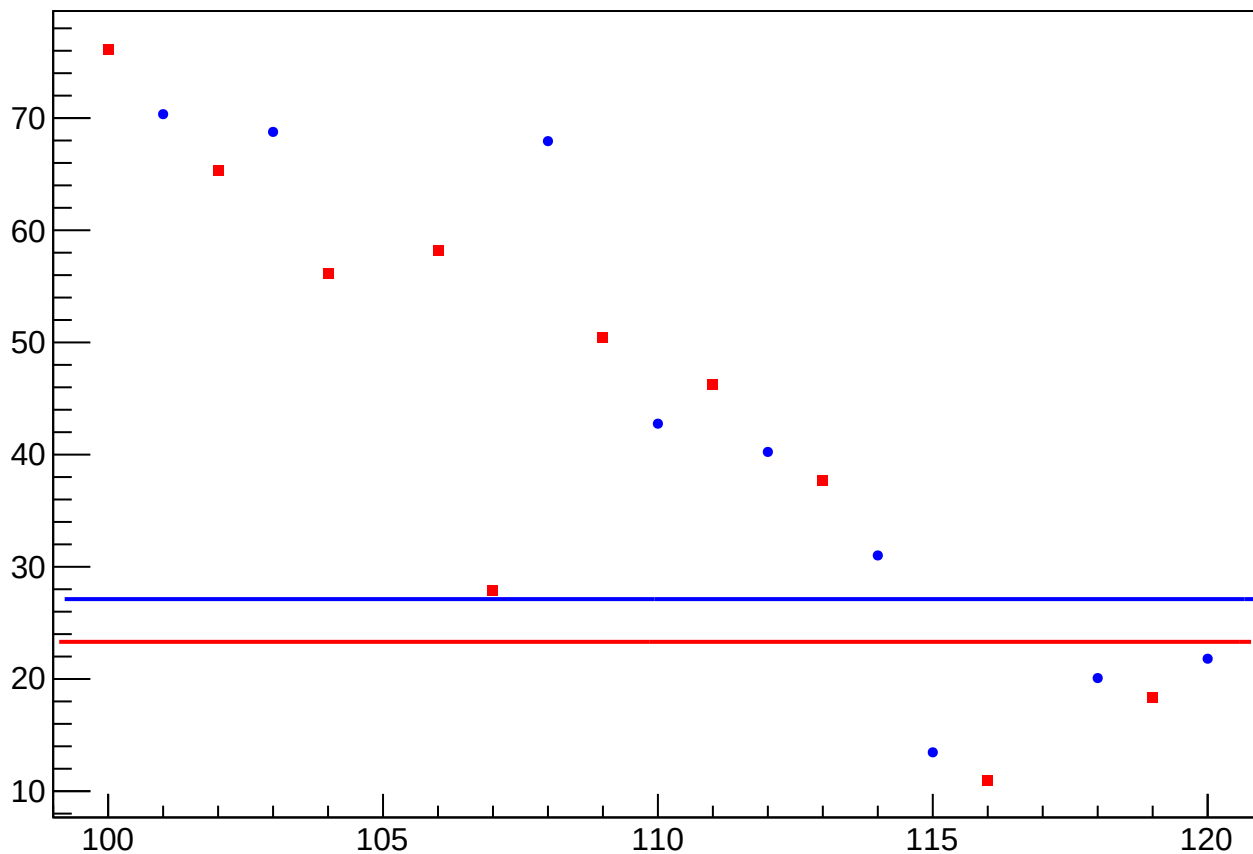
Right: -0.006+/-0.011 χ^2/NDF : 16.0/18

In: -0.018+/-0.017 χ^2/NDF : 10.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.011 χ^2/NDF : 16.0/18

asym_sam1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.120+/-0.012 χ^2/NDF : 1820458.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.312+/-0.010 χ^2/NDF : 2372580.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

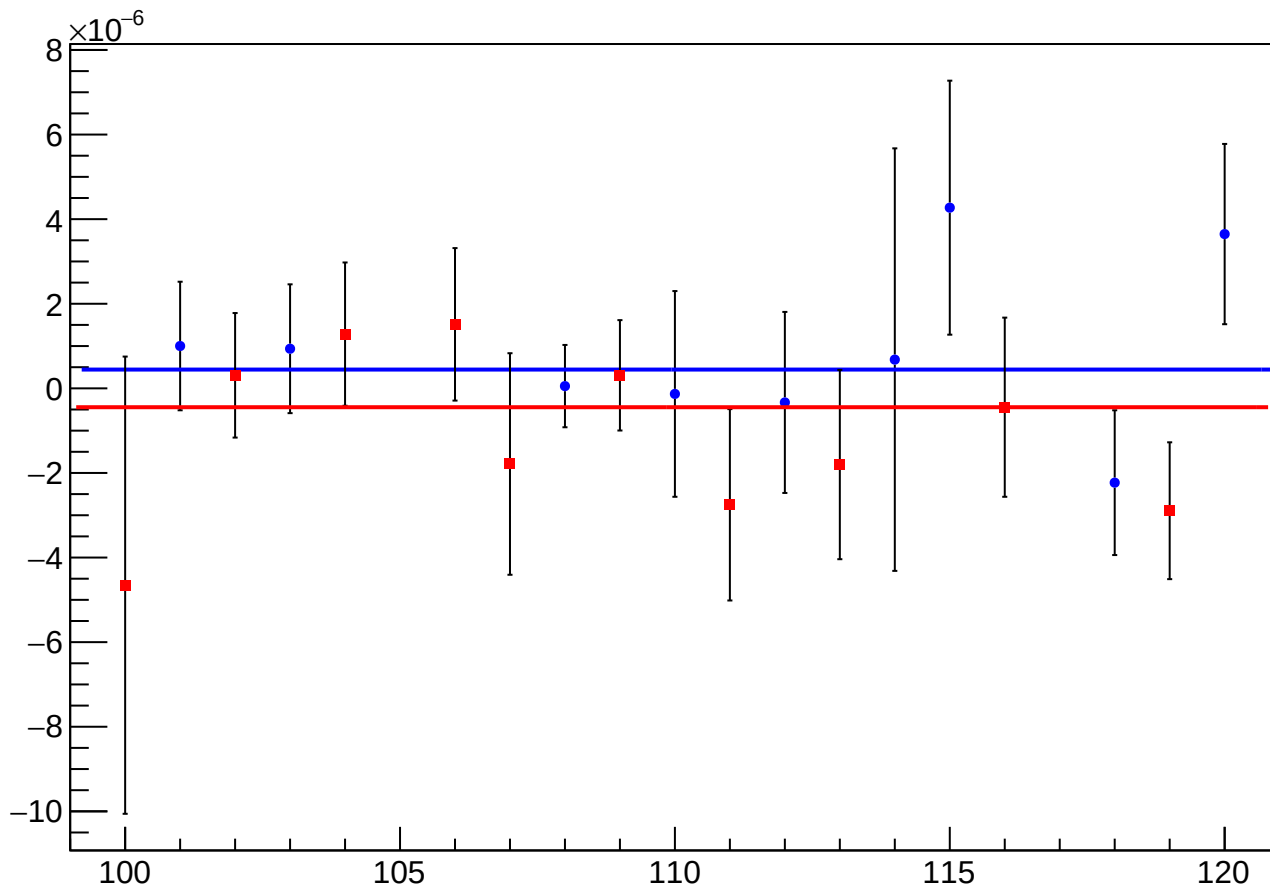
Right: 24.923+/-0.008 χ^2/NDF : 4252390.3/18

In: 27.120+/-0.012 χ^2/NDF : 1820458.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.923+/-0.008 χ^2/NDF : 4252390.3/18

asym_sam1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

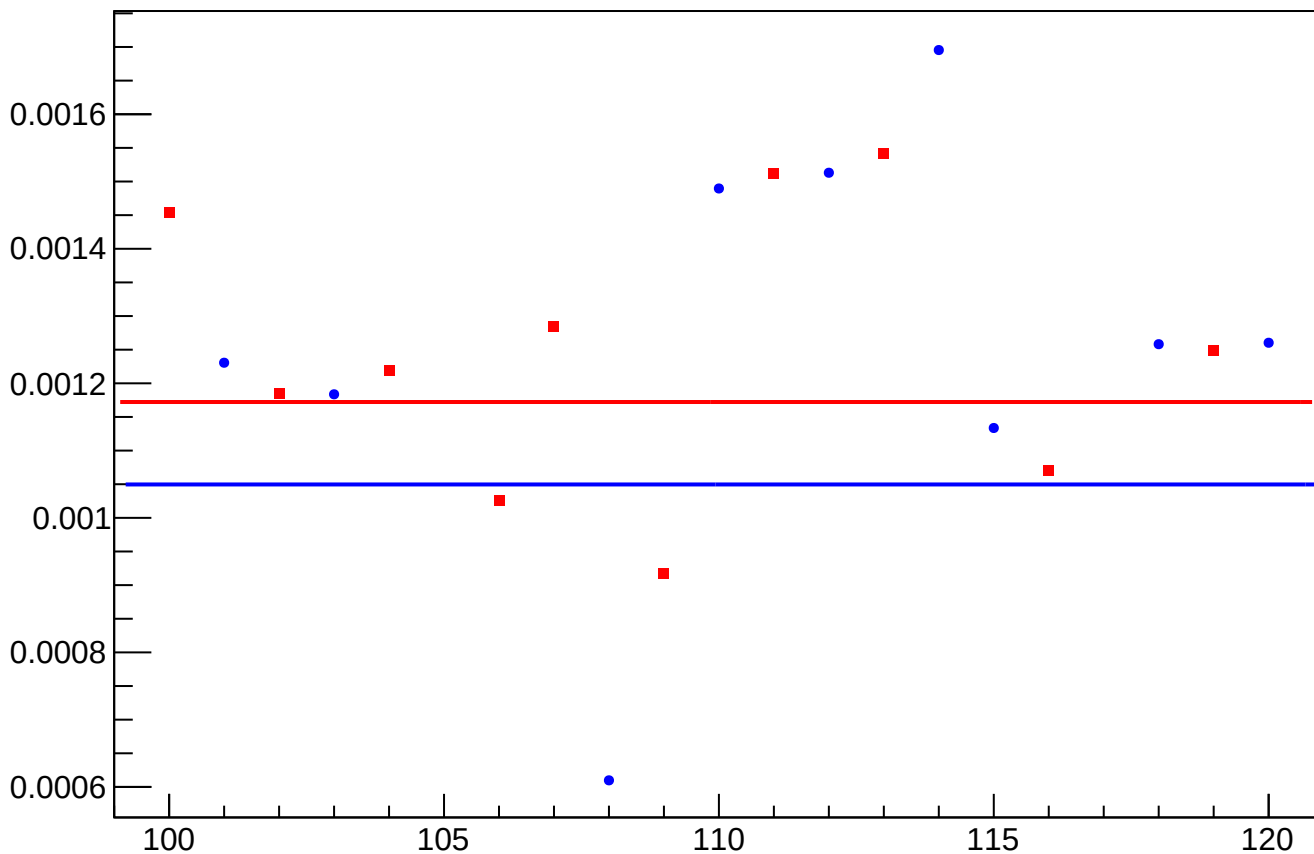
Right: 0.000+/-0.000 χ^2/NDF : 15.5/18

In: 0.000+/-0.000 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.5/18

asym_sam1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 696013.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 209294.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

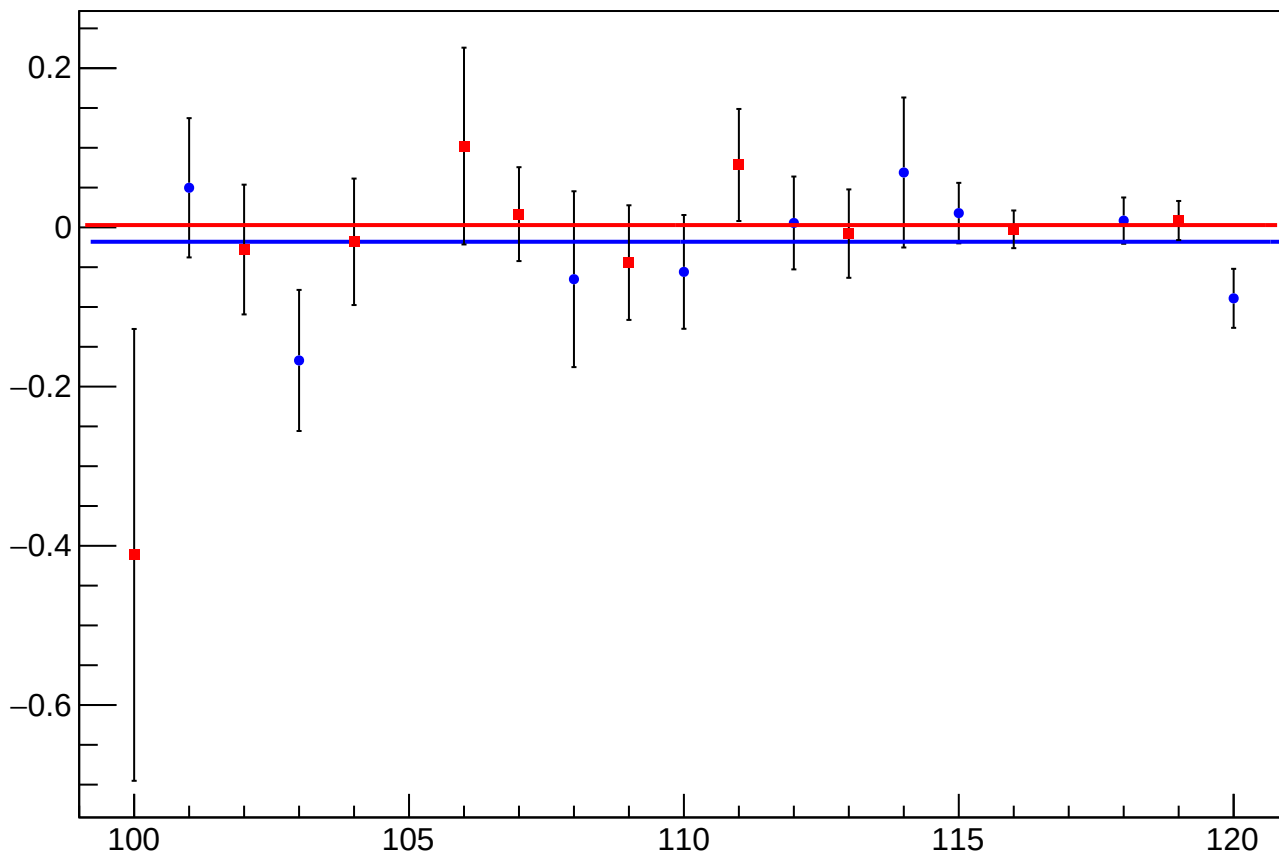
Right: 0.001+/-0.000 χ^2/NDF : 949657.0/18

In: 0.001+/-0.000 χ^2/NDF : 696013.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 949657.0/18

asym_sam1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018+/-0.017 χ^2/NDF : 10.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.014 χ^2/NDF : 4.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

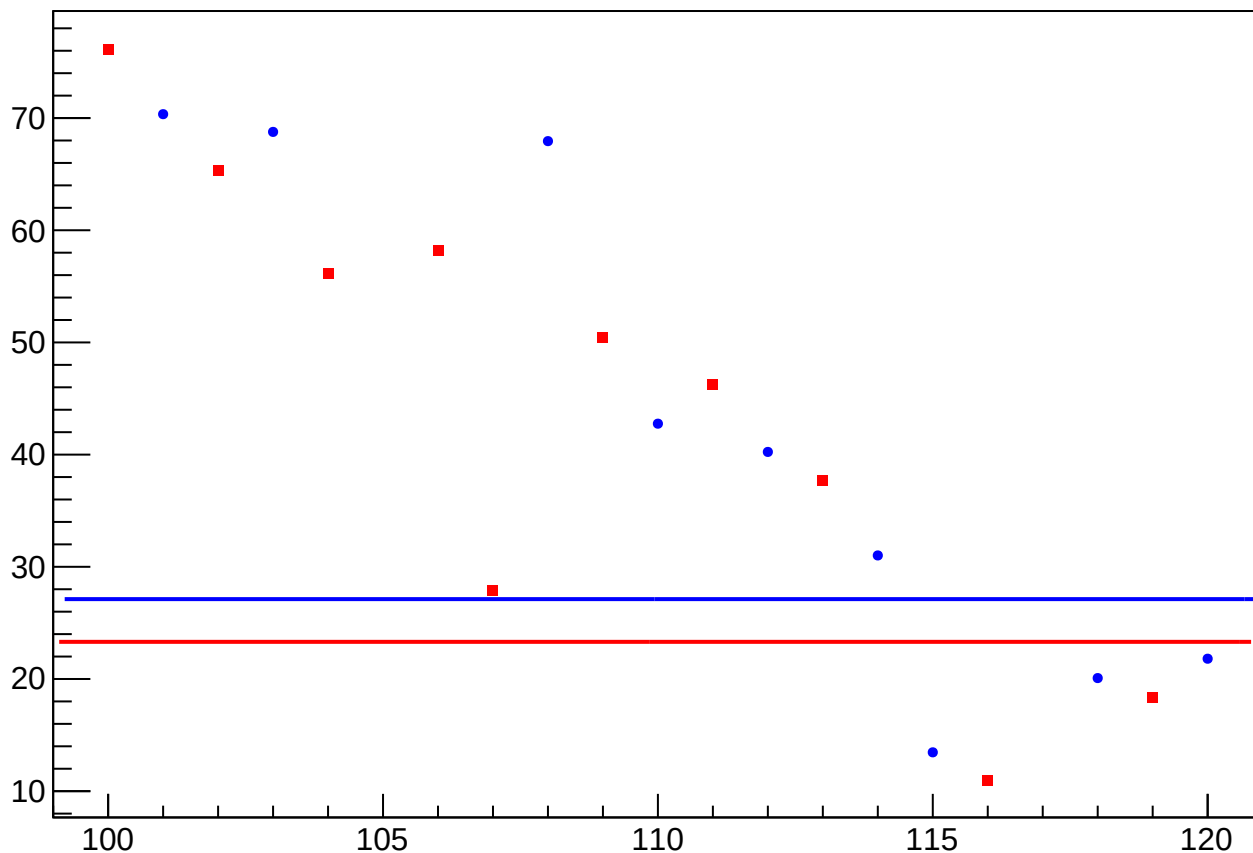
Right: -0.006+/-0.011 χ^2/NDF : 16.0/18

In: -0.018+/-0.017 χ^2/NDF : 10.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.011 χ^2/NDF : 16.0/18

asym_sam1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.120+/-0.012 χ^2/NDF : 1820515.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.312+/-0.010 χ^2/NDF : 2372648.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

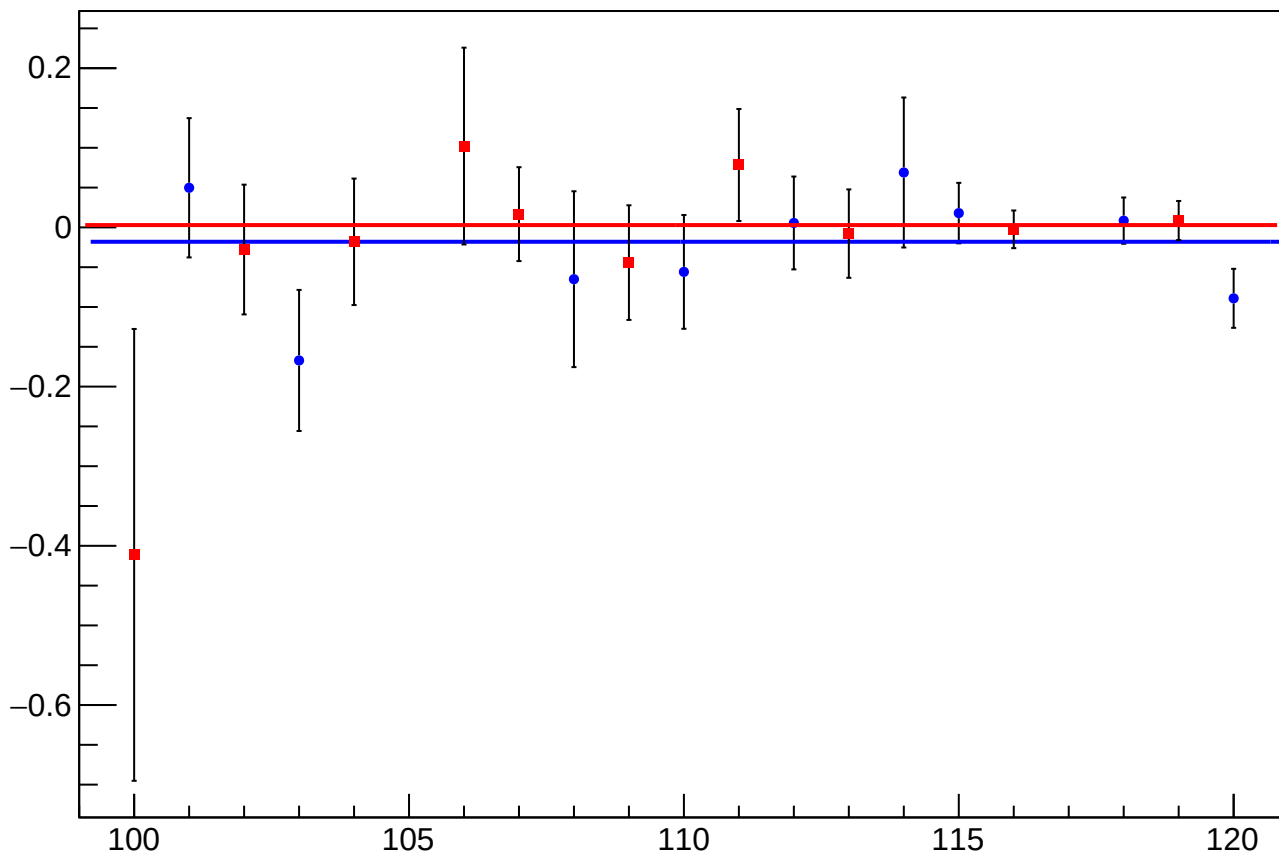
Right: 24.922+/-0.008 χ^2/NDF : 4252516.9/18

In: 27.120+/-0.012 χ^2/NDF : 1820515.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.922+/-0.008 χ^2/NDF : 4252516.9/18

asym_sam1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018+/-0.017 χ^2/NDF : 10.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.014 χ^2/NDF : 4.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

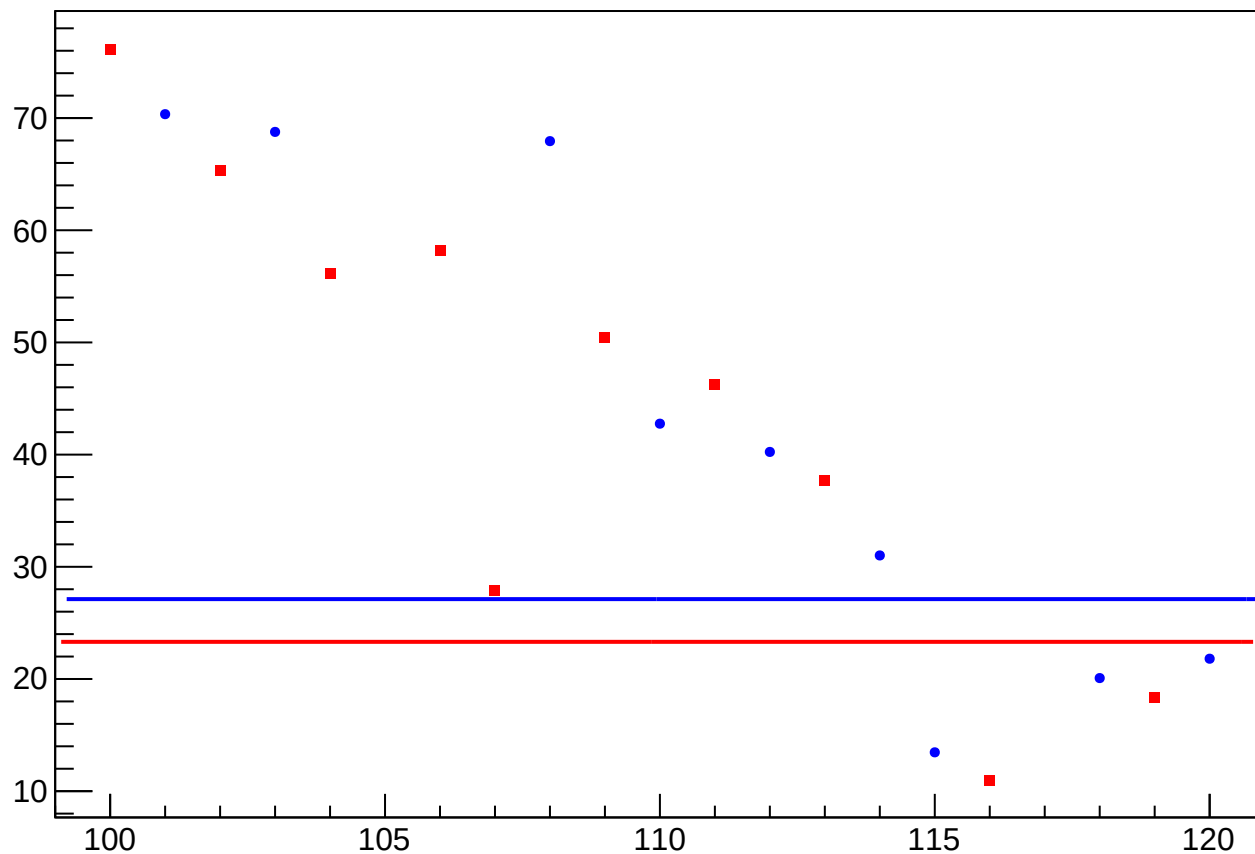
Right: -0.006+/-0.011 χ^2/NDF : 16.0/18

In: -0.018+/-0.017 χ^2/NDF : 10.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.011 χ^2/NDF : 16.0/18

asym_sam1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.120+/-0.012 χ^2/NDF : 1820515.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.312+/-0.010 χ^2/NDF : 2372648.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

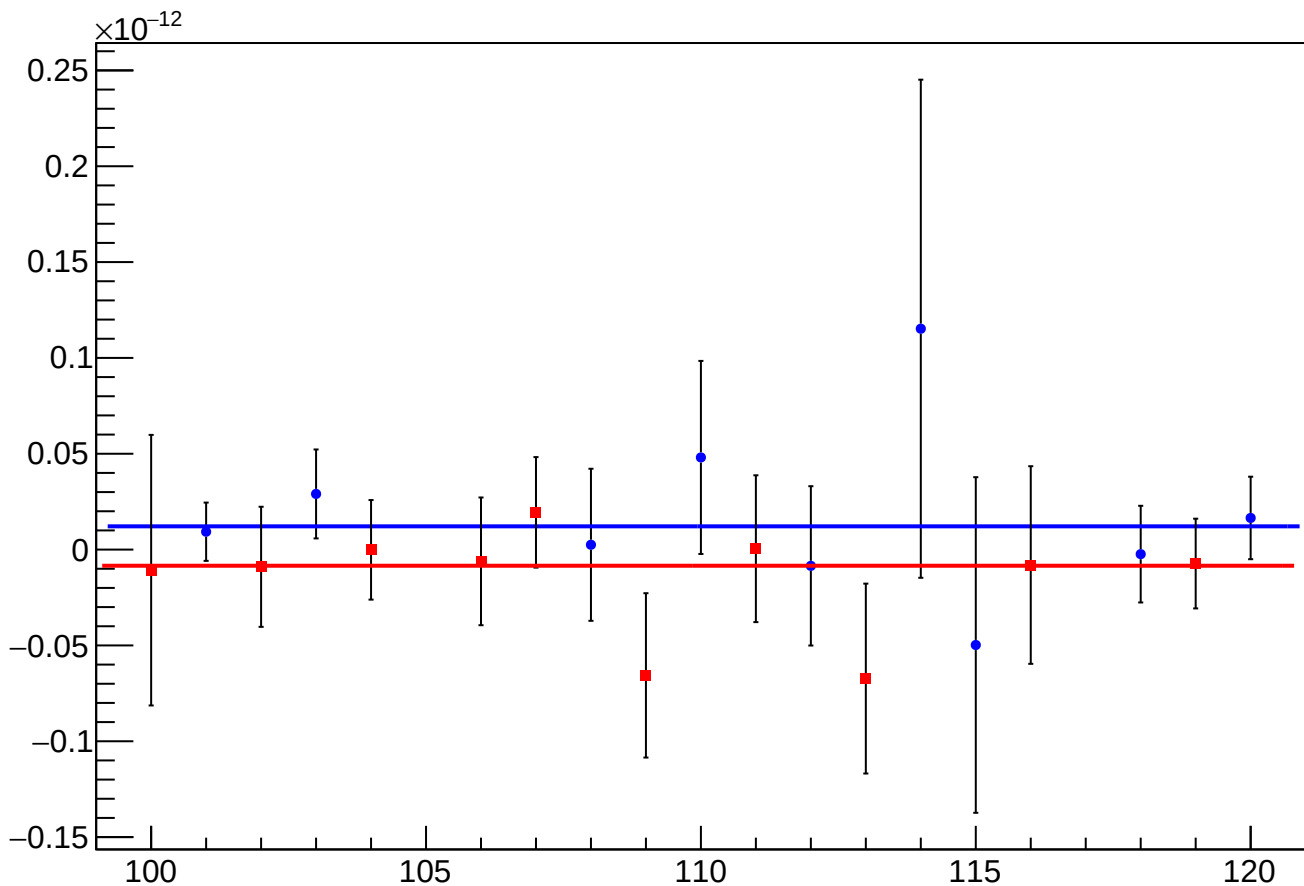
Right: 24.922+/-0.008 χ^2/NDF : 4252516.9/18

In: 27.120+/-0.012 χ^2/NDF : 1820515.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.922+/-0.008 χ^2/NDF : 4252516.9/18

asym_sam1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

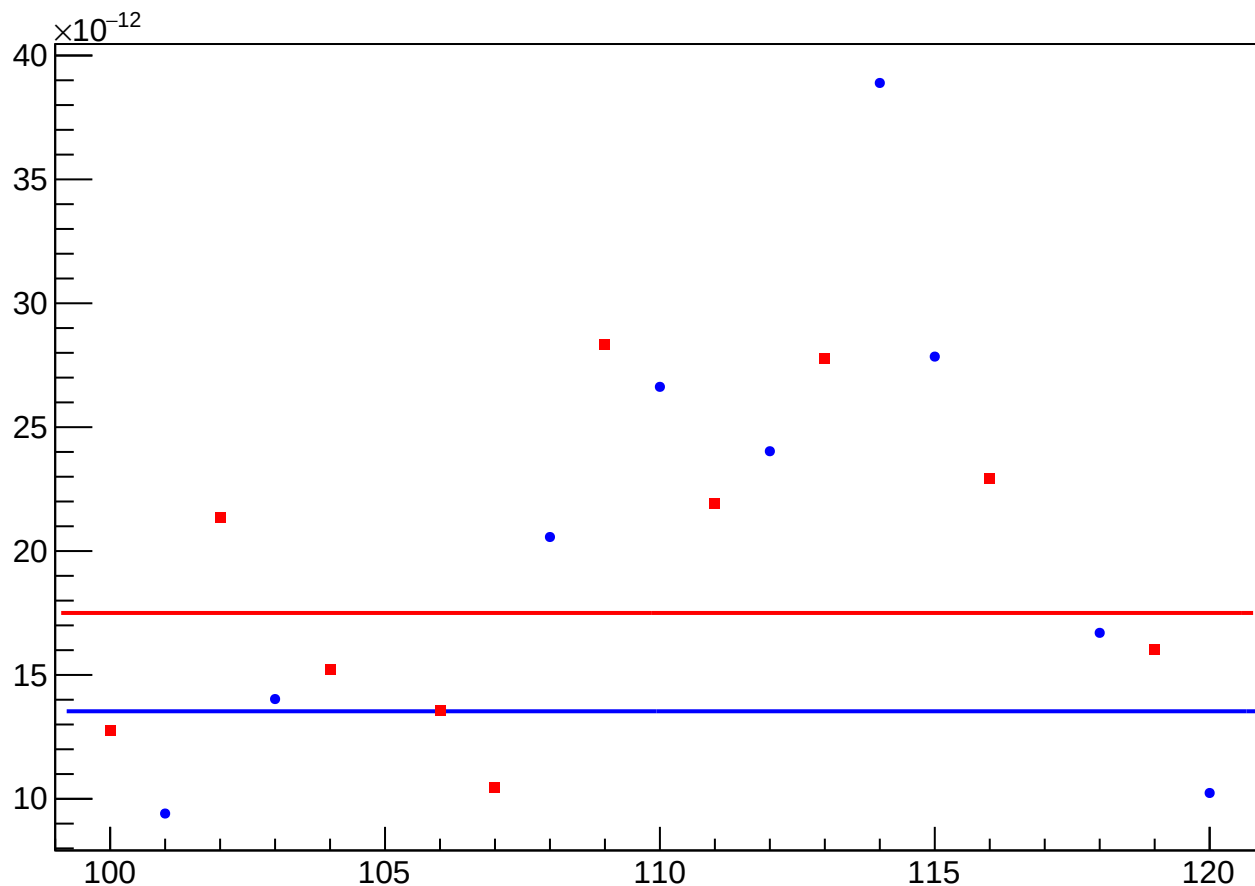
Right: 0.000+/-0.000 χ^2/NDF : 9.3/18

In: 0.000+/-0.000 χ^2/NDF : 2.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.3/18

asym_sam1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 681970.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 472287.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

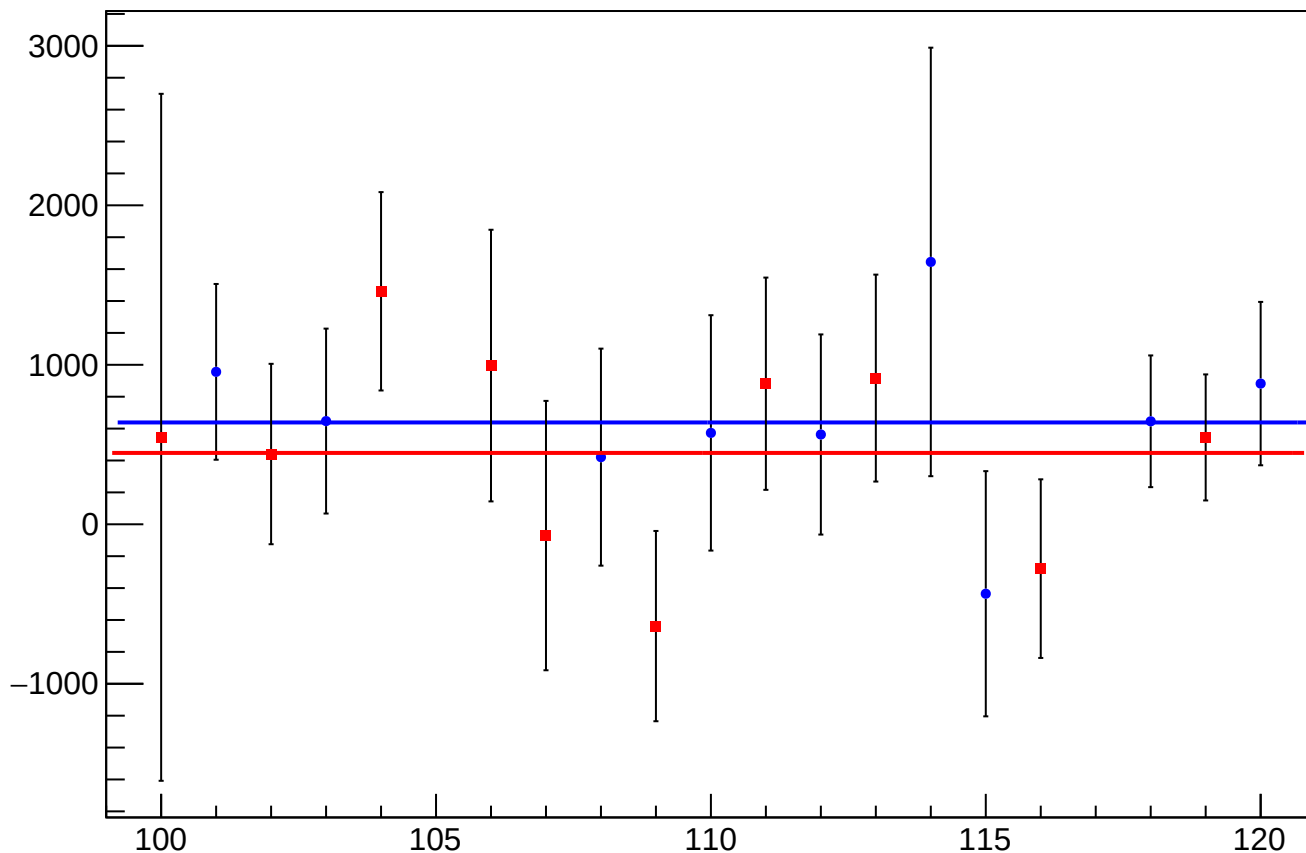
Right: 0.000+/-0.000 χ^2/NDF : 1310836.5/18

In: 0.000+/-0.000 χ^2/NDF : 681970.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1310836.5/18

reg_asym_sam2_mean vs Slug, Sign Corrected



Right In: 638.533+/-201.100 χ^2/NDF : 3.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 447.474+/-197.086 χ^2/NDF : 9.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

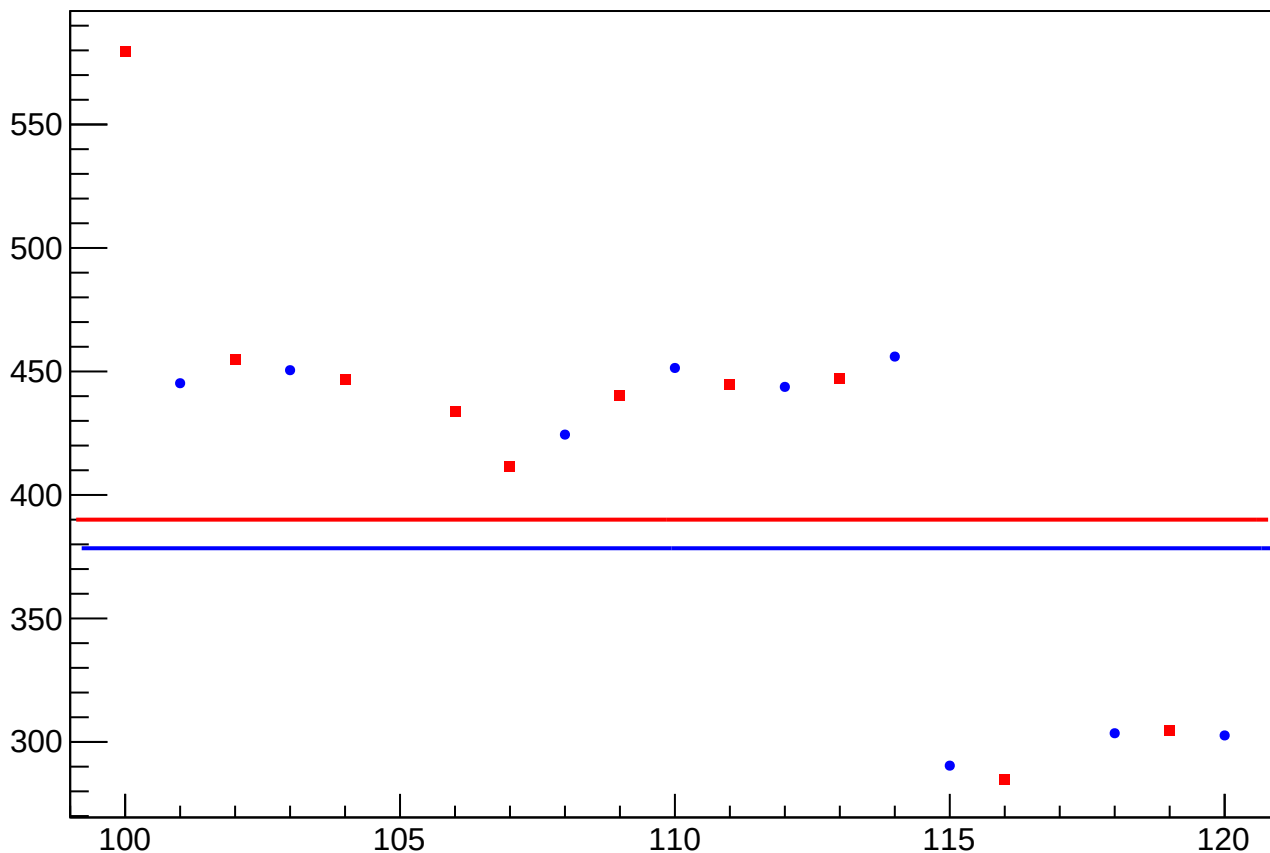
Right: 541.078+/-140.759 χ^2/NDF : 13.1/18

In: 638.533+/-201.100 χ^2/NDF : 3.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 541.078+/-140.759 χ^2/NDF : 13.1/18

reg_asym_sam2_rms vs Slug, Sign Corrected



Right In: 378.423+/-0.142 χ^2/NDF : 253205.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 390.007+/-0.139 χ^2/NDF : 272192.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

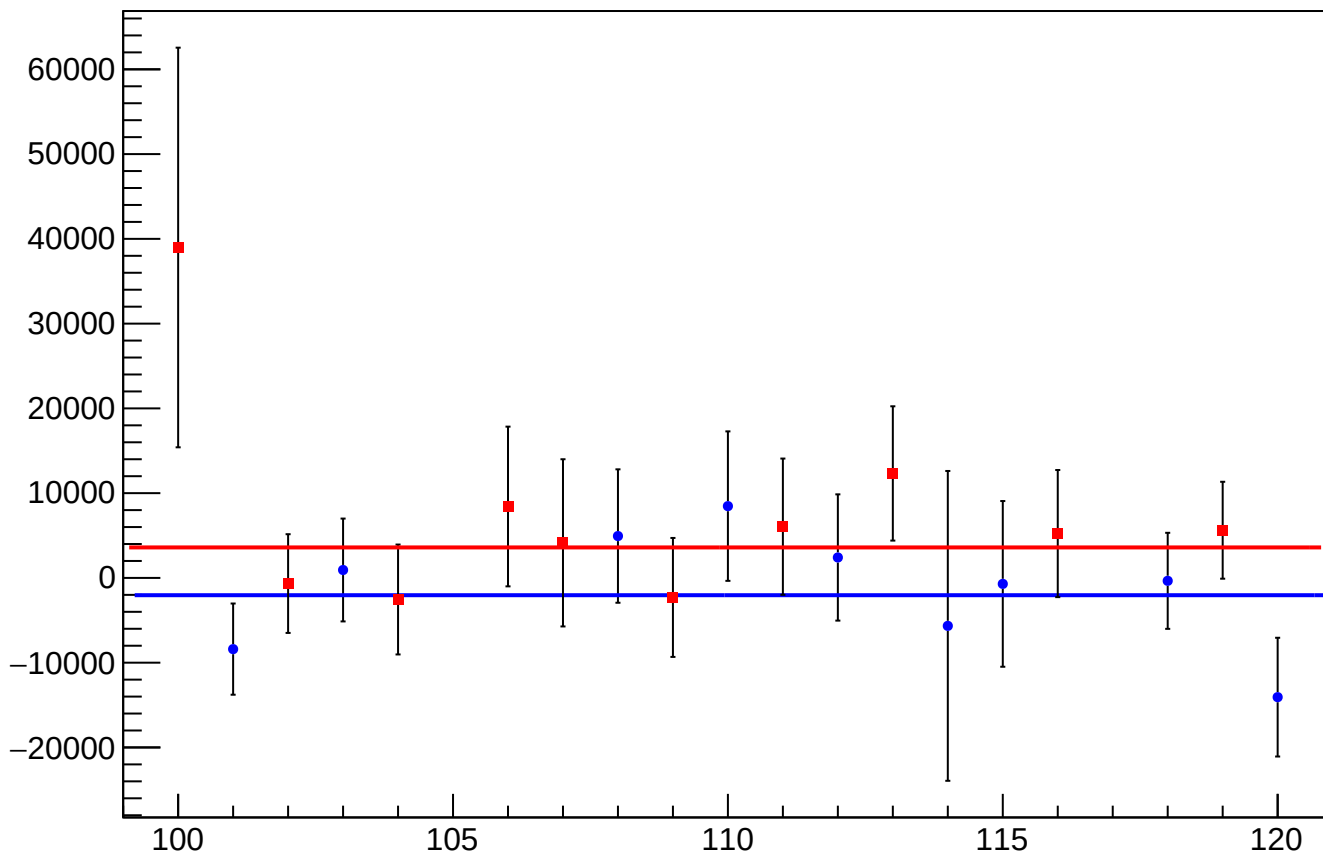
Right: 384.332+/-0.100 χ^2/NDF : 528782.6/18

In: 378.423+/-0.142 χ^2/NDF : 253205.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 384.332+/-0.100 χ^2/NDF : 528782.6/18

asym_sam2_reg_correction_mean vs Slug, Sign Corrected



Right In: -2039.564+/-2399.005 χ^2/NDF : 7.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3596.806+/-2378.689 χ^2/NDF : 6.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

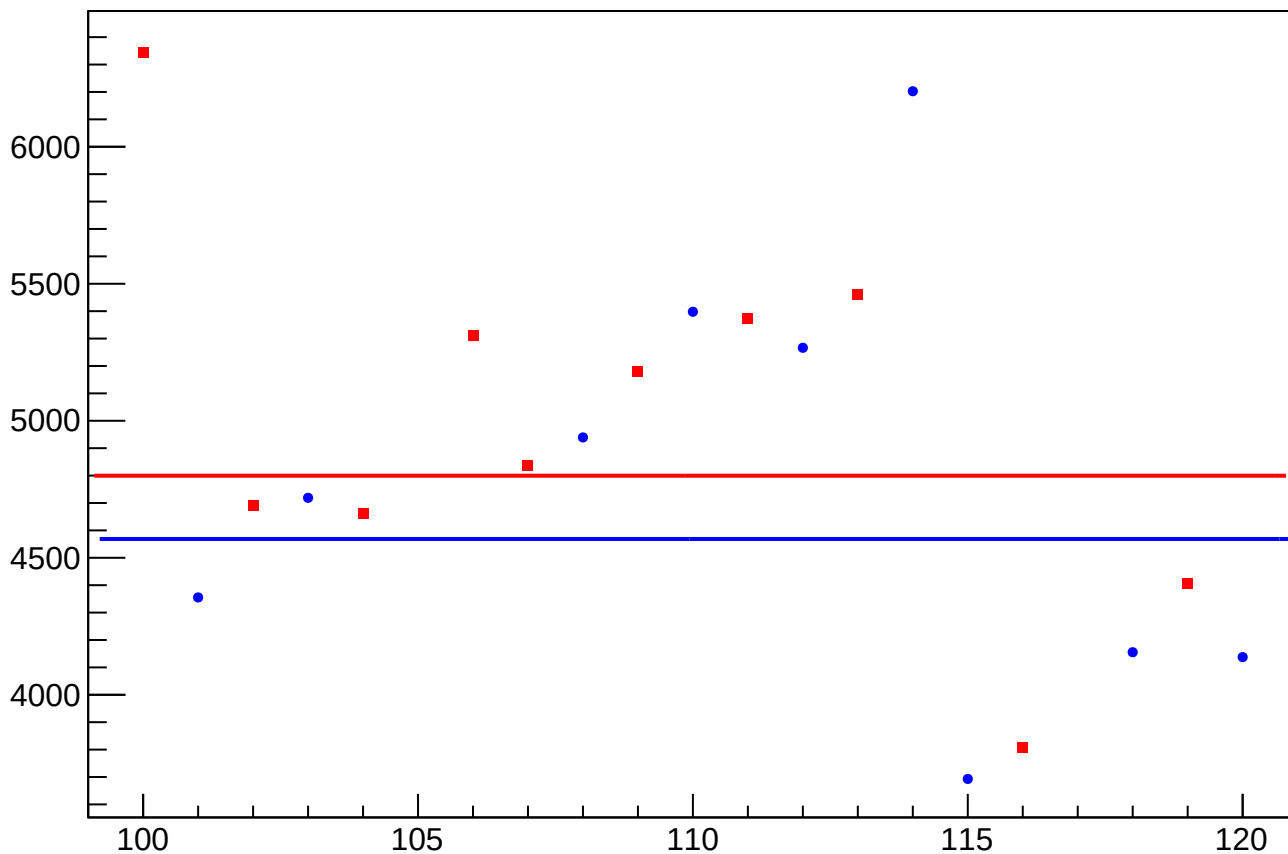
Right: 802.587+/-1689.124 χ^2/NDF : 16.2/18

In: -2039.564+/-2399.005 χ^2/NDF : 7.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 802.587+/-1689.124 χ^2/NDF : 16.2/18

asym_sam2_reg_correction_rms vs Slug, Sign Corrected



Right In: 4568.650+/-1.696 χ^2/NDF : 94308.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4799.474+/-1.682 χ^2/NDF : 90438.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

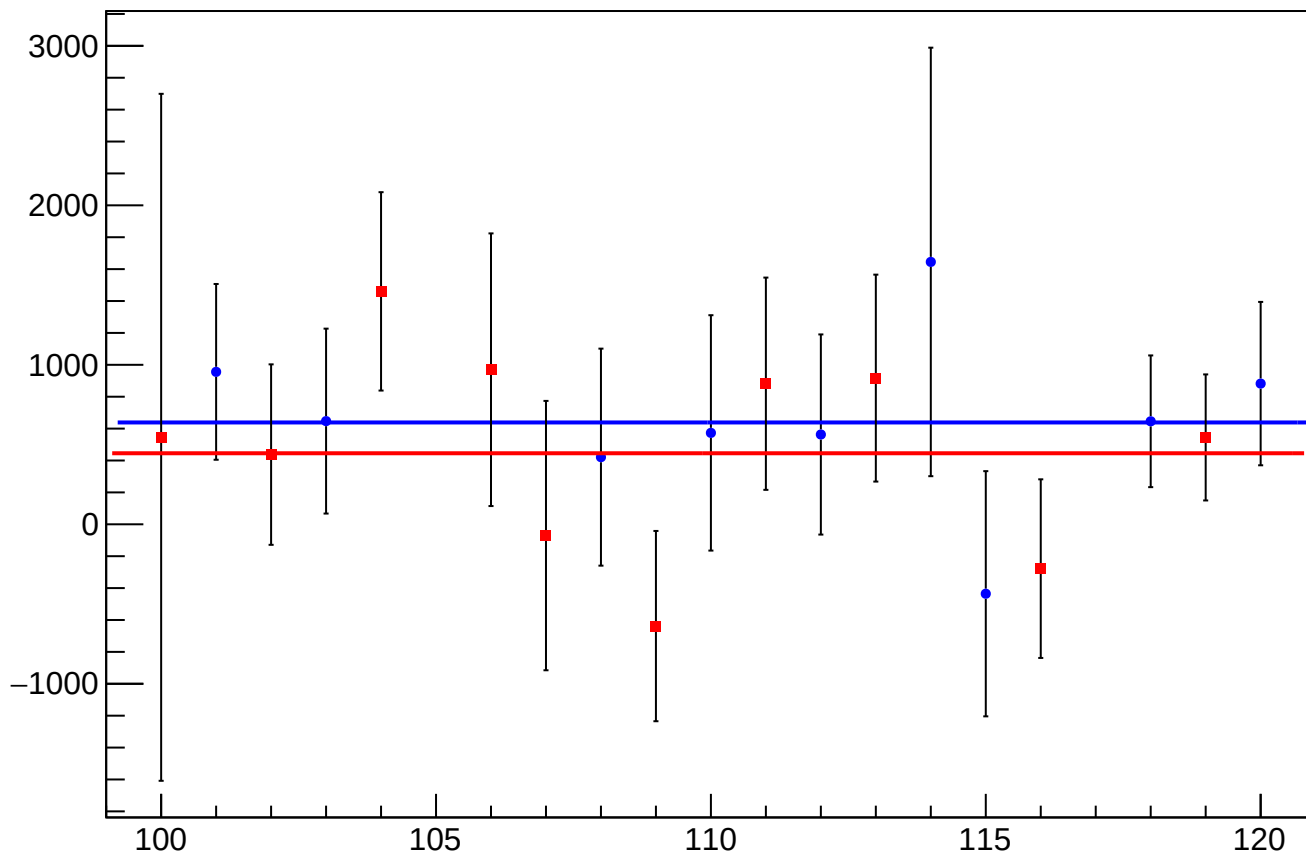
Right: 4685.043+/-1.194 χ^2/NDF : 194083.9/18

In: 4568.650+/-1.696 χ^2/NDF : 94308.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4685.043+/-1.194 χ^2/NDF : 194083.9/18

cor_asym_sam2_mean vs Slug, Sign Corrected



Right In: 638.552+/-201.100 χ^2/NDF : 3.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 445.434+/-197.135 χ^2/NDF : 9.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

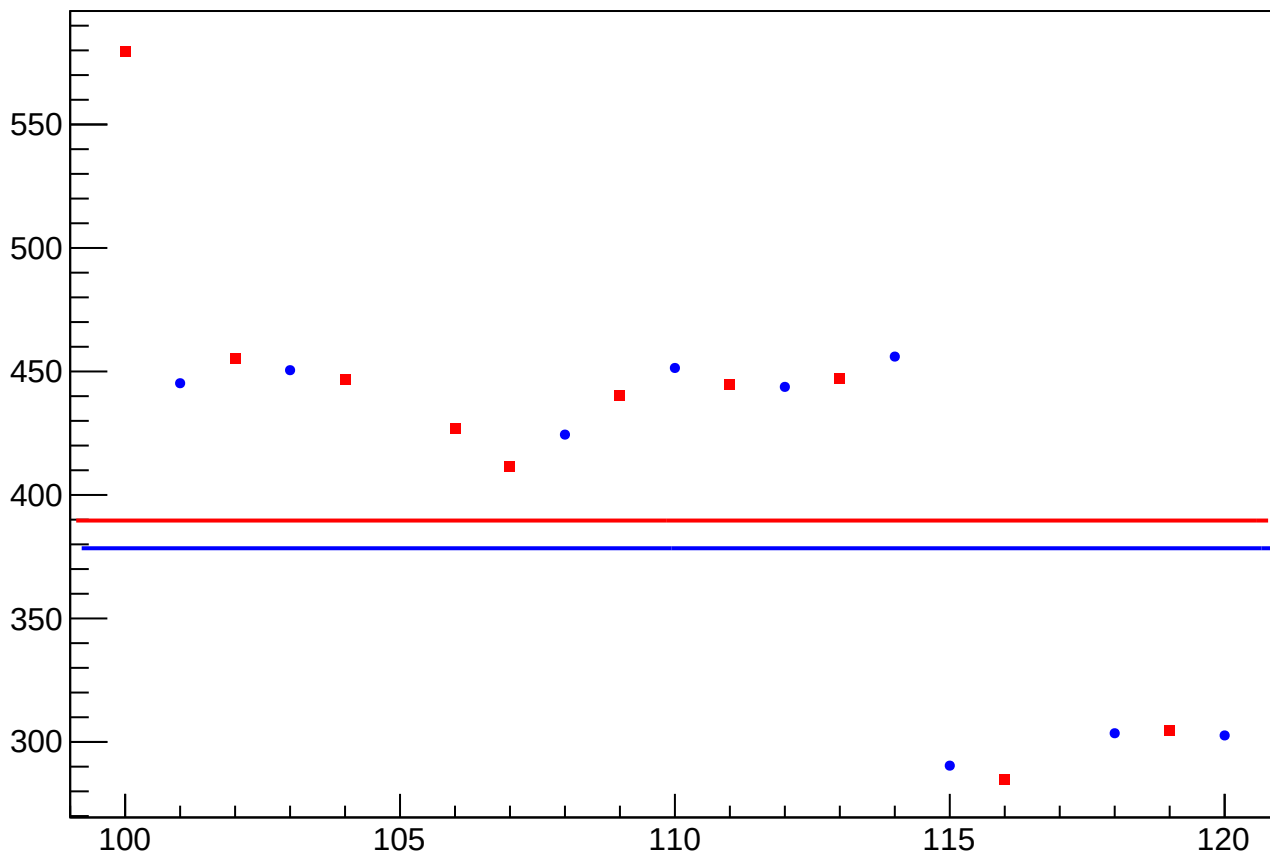
Right: 540.071+/-140.777 χ^2/NDF : 13.1/18

In: 638.552+/-201.100 χ^2/NDF : 3.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 540.071+/-140.777 χ^2/NDF : 13.1/18

cor_asym_sam2_rms vs Slug, Sign Corrected



Right In: 378.424+/-0.142 χ^2/NDF : 253206.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 389.644+/-0.139 χ^2/NDF : 270774.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

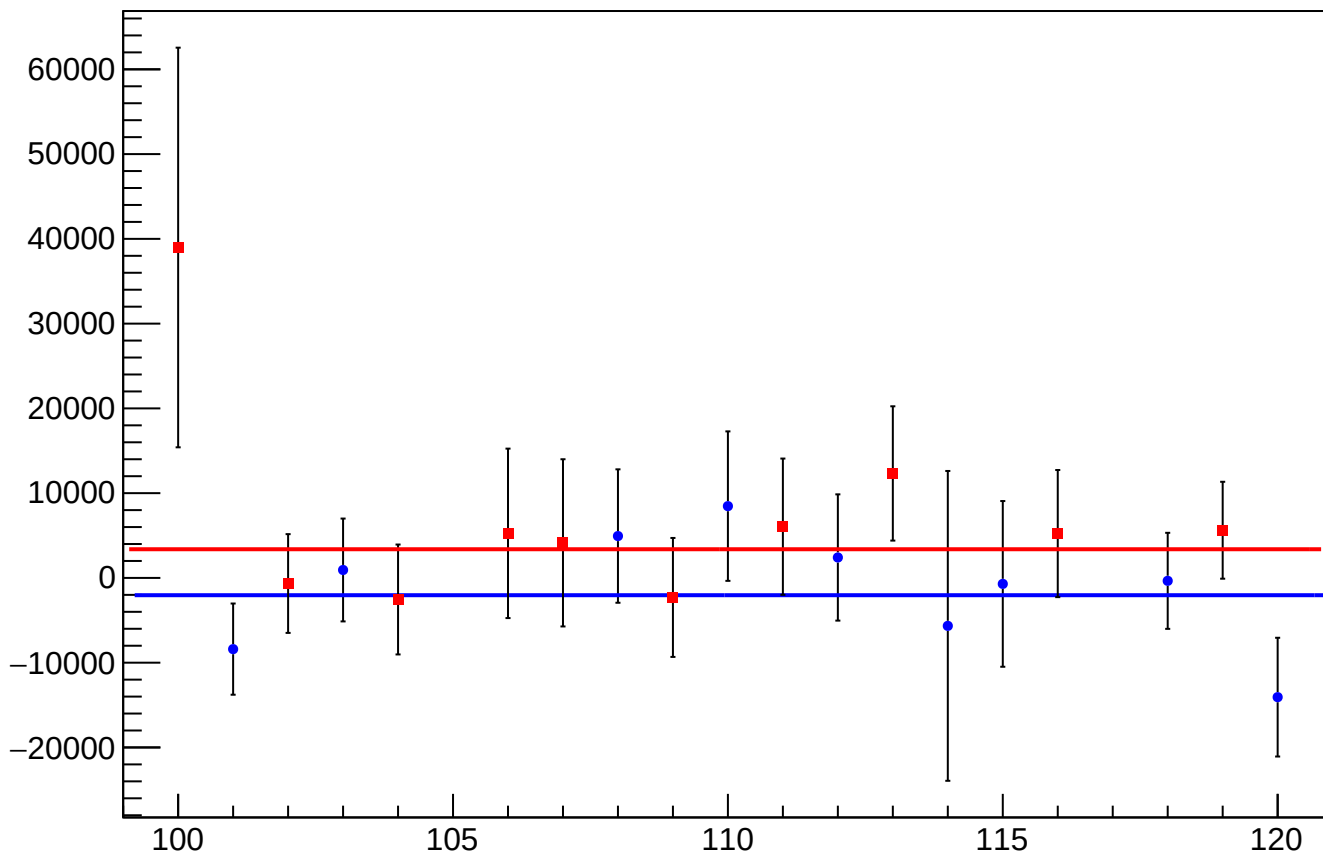
Right: 384.145+/-0.100 χ^2/NDF : 527155.9/18

In: 378.424+/-0.142 χ^2/NDF : 253206.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 384.145+/-0.100 χ^2/NDF : 527155.9/18

asym_sam2_cor_correction_mean vs Slug, Sign Corrected



Right In: -2039.276+/-2399.020 χ^2/NDF : 7.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3383.522+/-2387.394 χ^2/NDF : 5.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

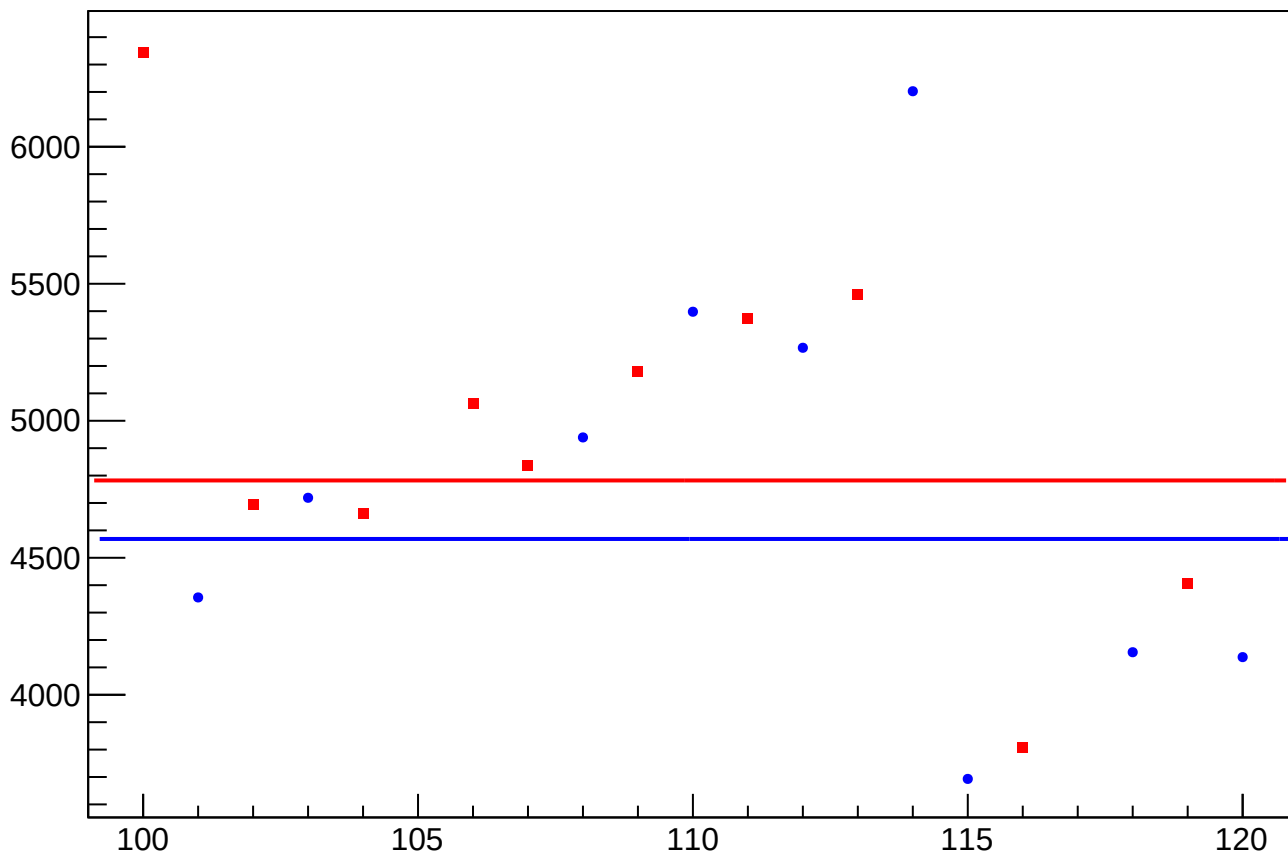
Right: 685.294+/-1692.238 χ^2/NDF : 15.8/18

In: -2039.276+/-2399.020 χ^2/NDF : 7.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 685.294+/-1692.238 χ^2/NDF : 15.8/18

asym_sam2_cor_correction_rms vs Slug, Sign Corrected



Right In: 4568.676+/-1.696 χ^2/NDF : 94311.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4782.217+/-1.688 χ^2/NDF : 85830.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

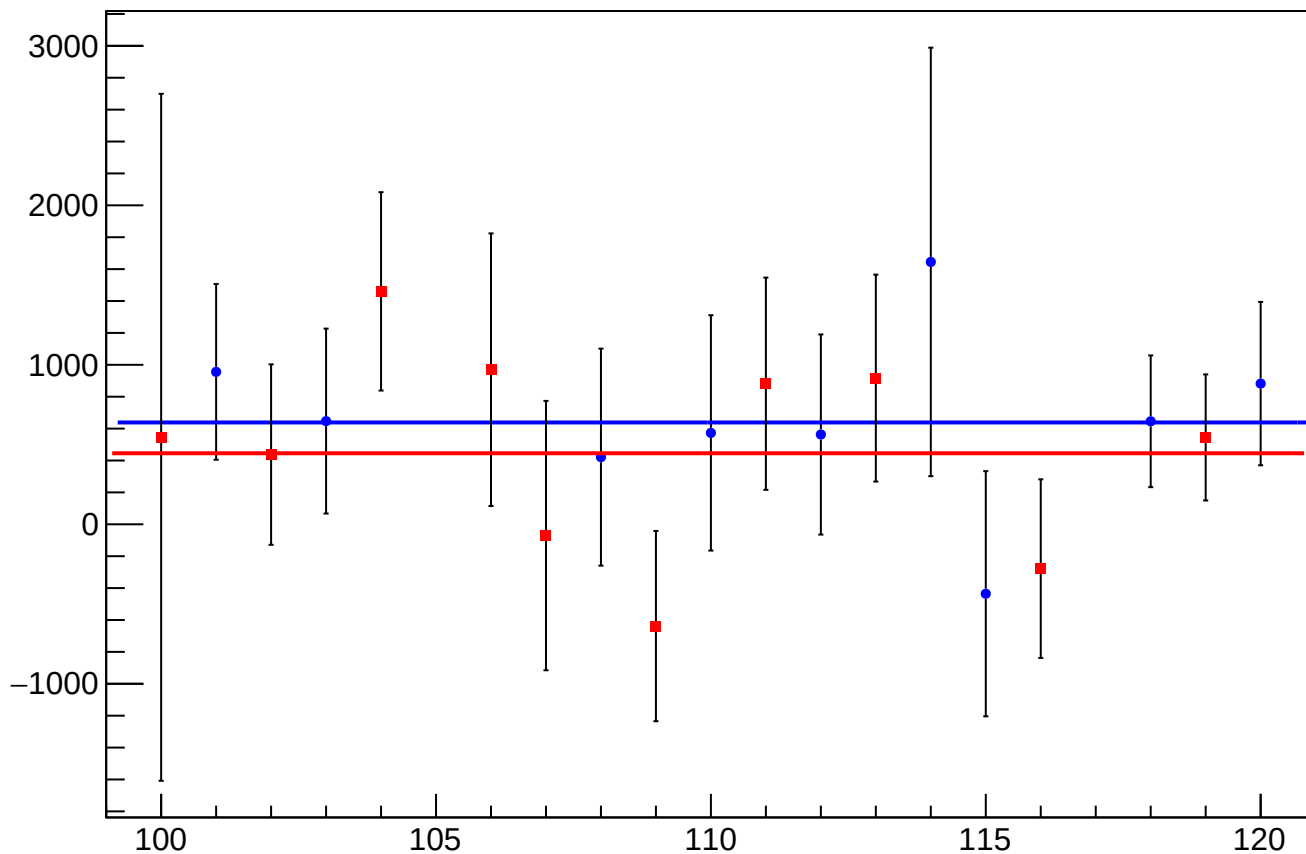
Right: 4675.965+/-1.197 χ^2/NDF : 188103.3/18

In: 4568.676+/-1.696 χ^2/NDF : 94311.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4675.965+/-1.197 χ^2/NDF : 188103.3/18

eigen_cor_asym_sam2_mean vs Slug, Sign Corrected



Right In: 638.552+/-201.100 χ^2/NDF : 3.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 445.434+/-197.135 χ^2/NDF : 9.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

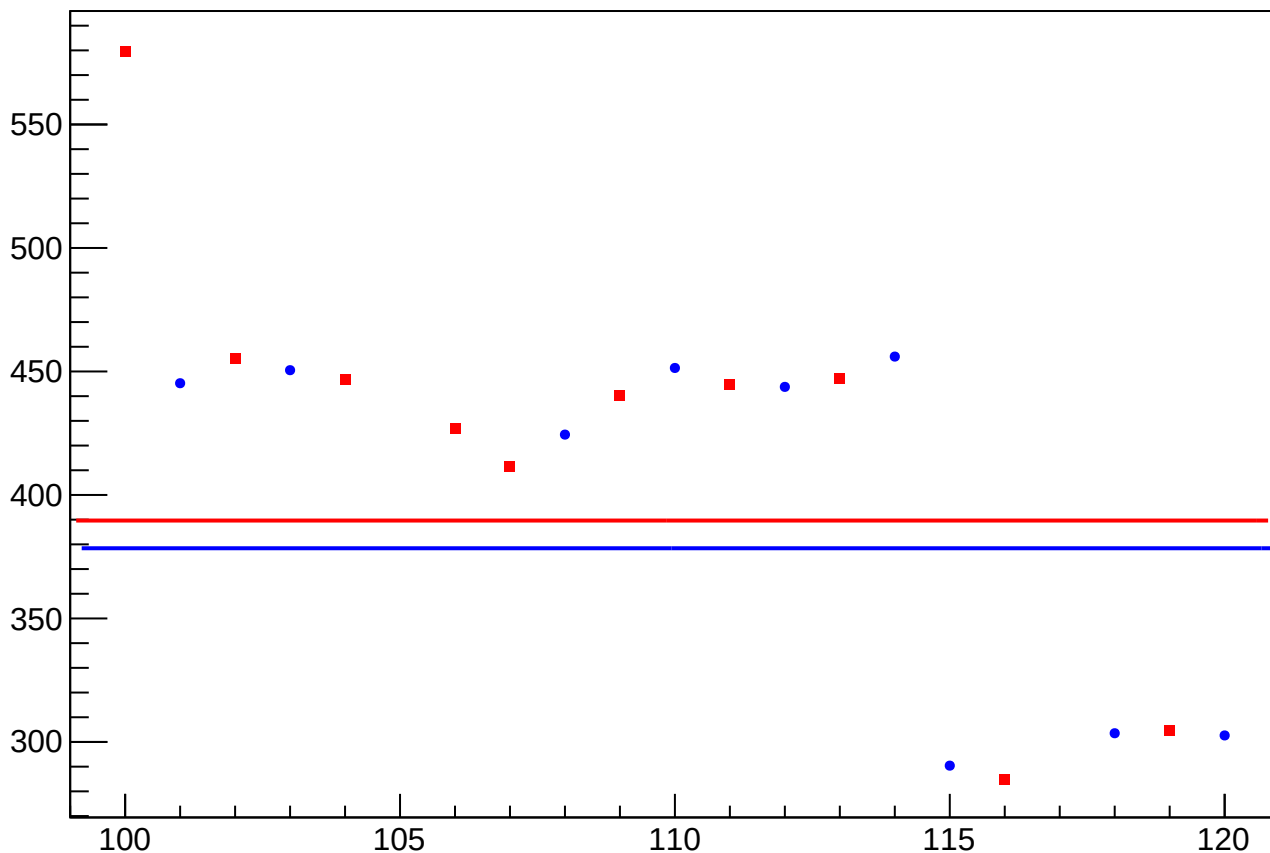
Right: 540.071+/-140.777 χ^2/NDF : 13.1/18

In: 638.552+/-201.100 χ^2/NDF : 3.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 540.071+/-140.777 χ^2/NDF : 13.1/18

eigen_cor_asym_sam2_rms vs Slug, Sign Corrected



Right In: 378.424+/-0.142 χ^2/NDF : 253206.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 389.644+/-0.139 χ^2/NDF : 270774.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

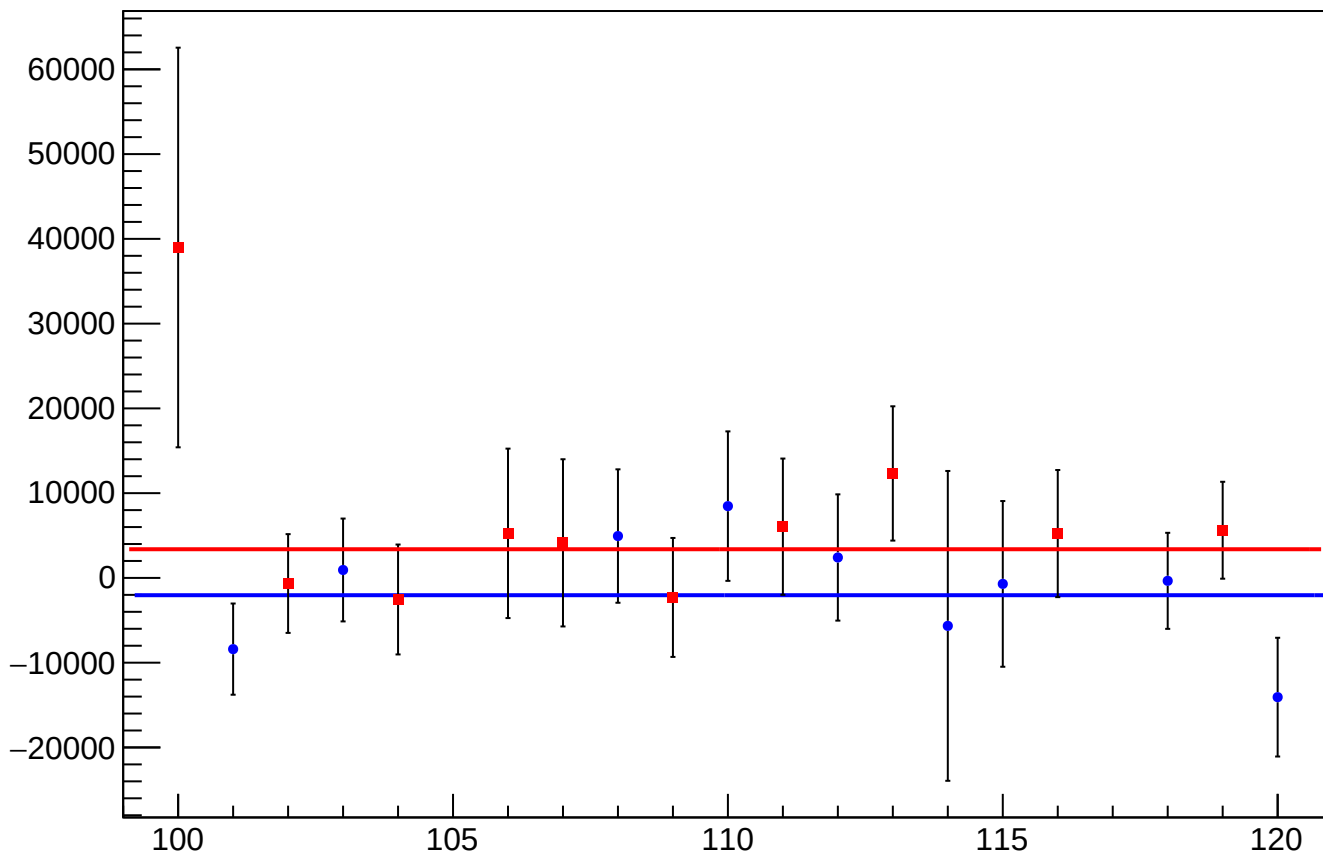
Right: 384.145+/-0.100 χ^2/NDF : 527155.9/18

In: 378.424+/-0.142 χ^2/NDF : 253206.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 384.145+/-0.100 χ^2/NDF : 527155.9/18

asym_sam2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -2039.276+/-2399.020 χ^2/NDF : 7.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3383.522+/-2387.394 χ^2/NDF : 5.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

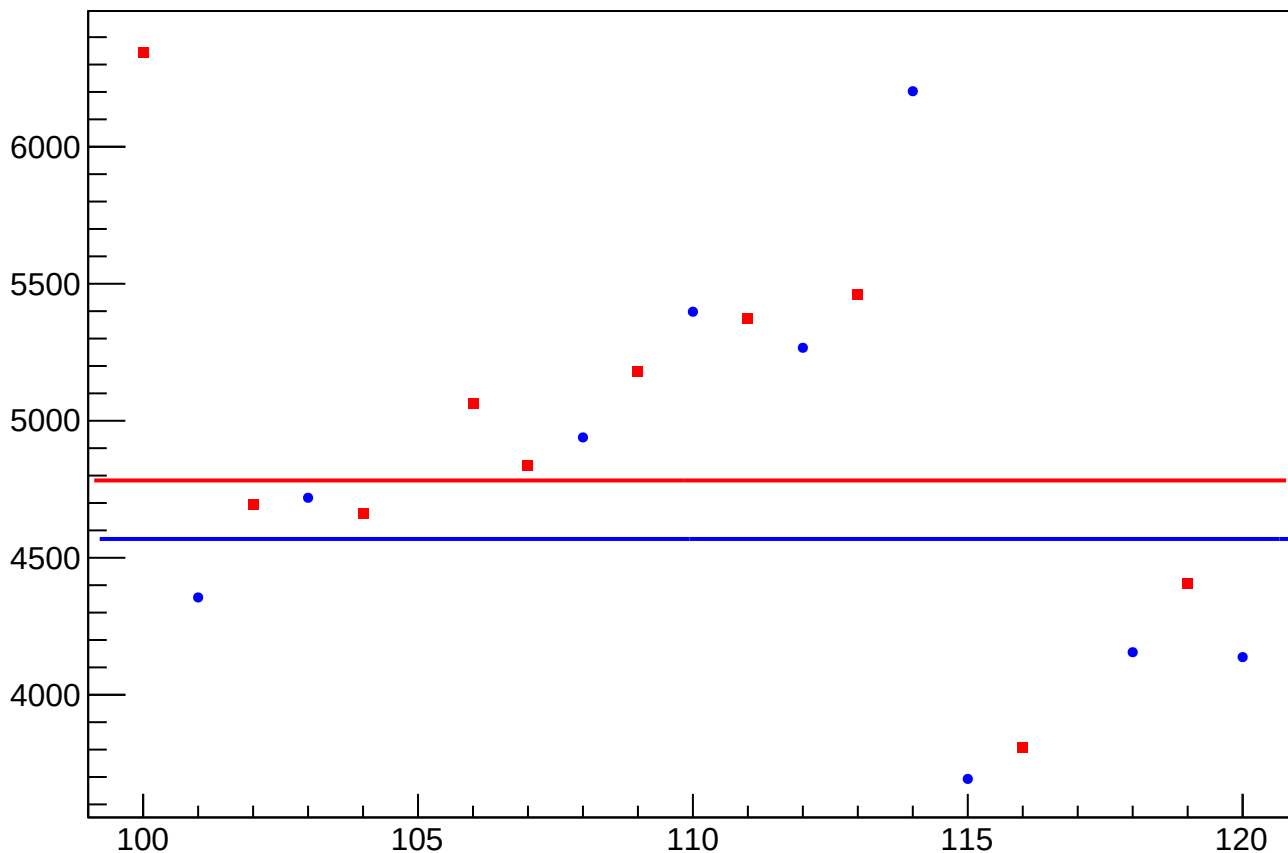
Right: 685.294+/-1692.238 χ^2/NDF : 15.8/18

In: -2039.276+/-2399.020 χ^2/NDF : 7.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 685.294+/-1692.238 χ^2/NDF : 15.8/18

asym_sam2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4568.676+/-1.696 χ^2/NDF : 94311.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4782.217+/-1.688 χ^2/NDF : 85830.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

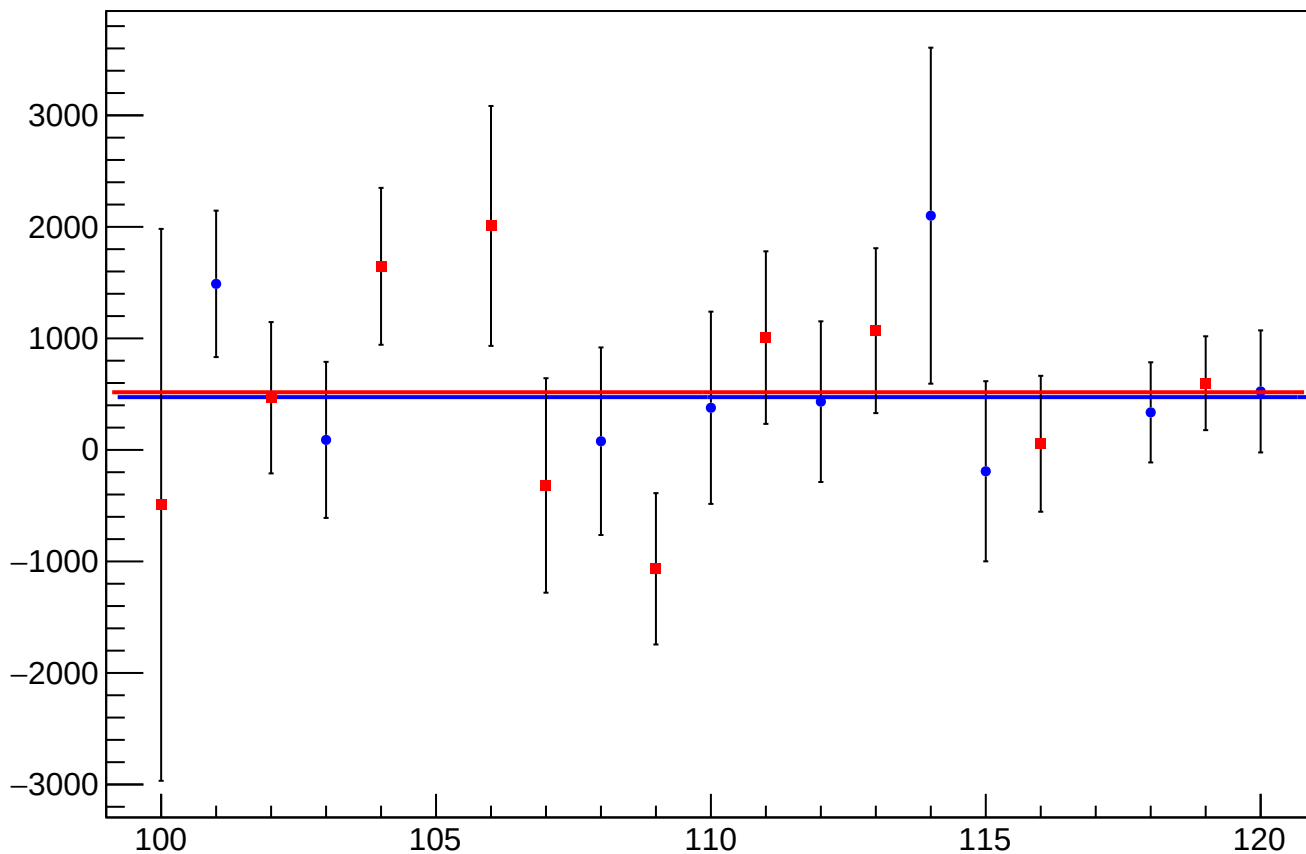
Right: 4675.965+/-1.197 χ^2/NDF : 188103.3/18

In: 4568.676+/-1.696 χ^2/NDF : 94311.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4675.965+/-1.197 χ^2/NDF : 188103.3/18

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 473.171+/-227.497 χ^2/NDF : 4.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 517.009+/-221.876 χ^2/NDF : 12.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

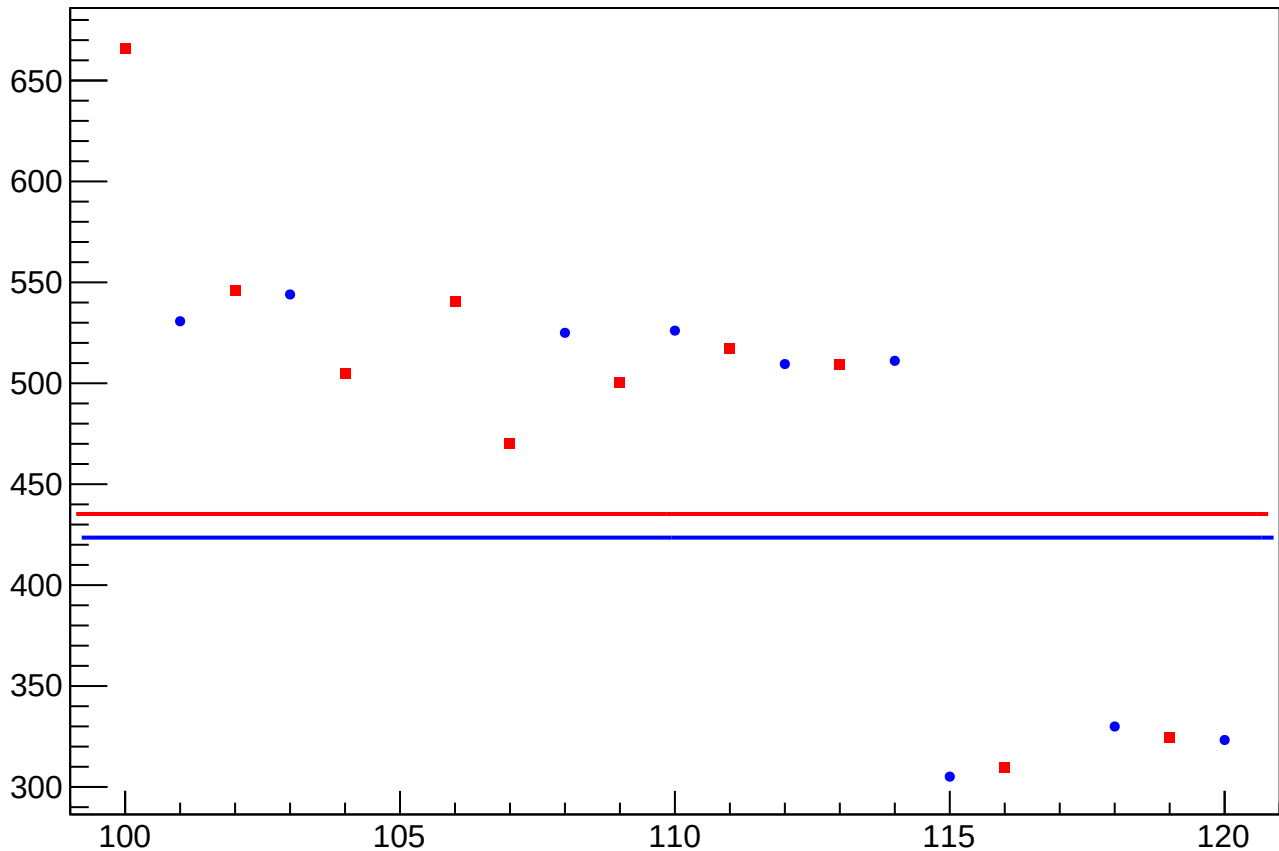
Right: 495.639+/-158.840 χ^2/NDF : 17.3/18

In: 473.171+/-227.497 χ^2/NDF :4.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 495.639+/-158.840 χ^2/NDF : 17.3/18

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 423.537+/-0.161 χ^2/NDF : 402300.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 435.244+/-0.157 χ^2/NDF : 396146.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

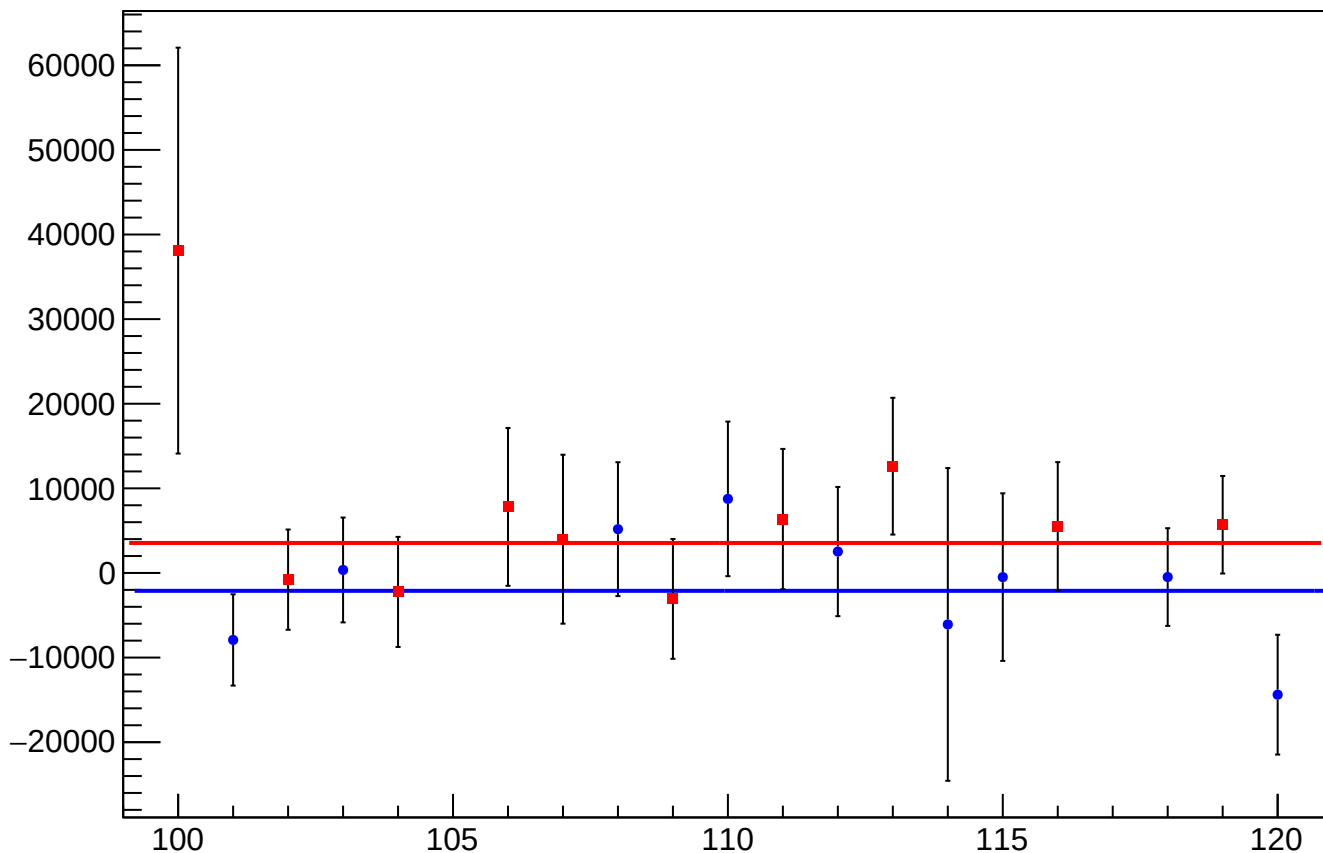
Right: 429.537+/-0.112 χ^2/NDF : 801160.9/18

In: 423.537+/-0.161 χ^2/NDF : 402300.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 429.537+/-0.112 χ^2/NDF : 801160.9/18

asym_sam2_dit_correction_mean vs Slug, Sign Corrected



Right In: -2112.017+/-2435.491 χ^2/NDF : 7.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3545.336+/-2407.214 χ^2/NDF : 6.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

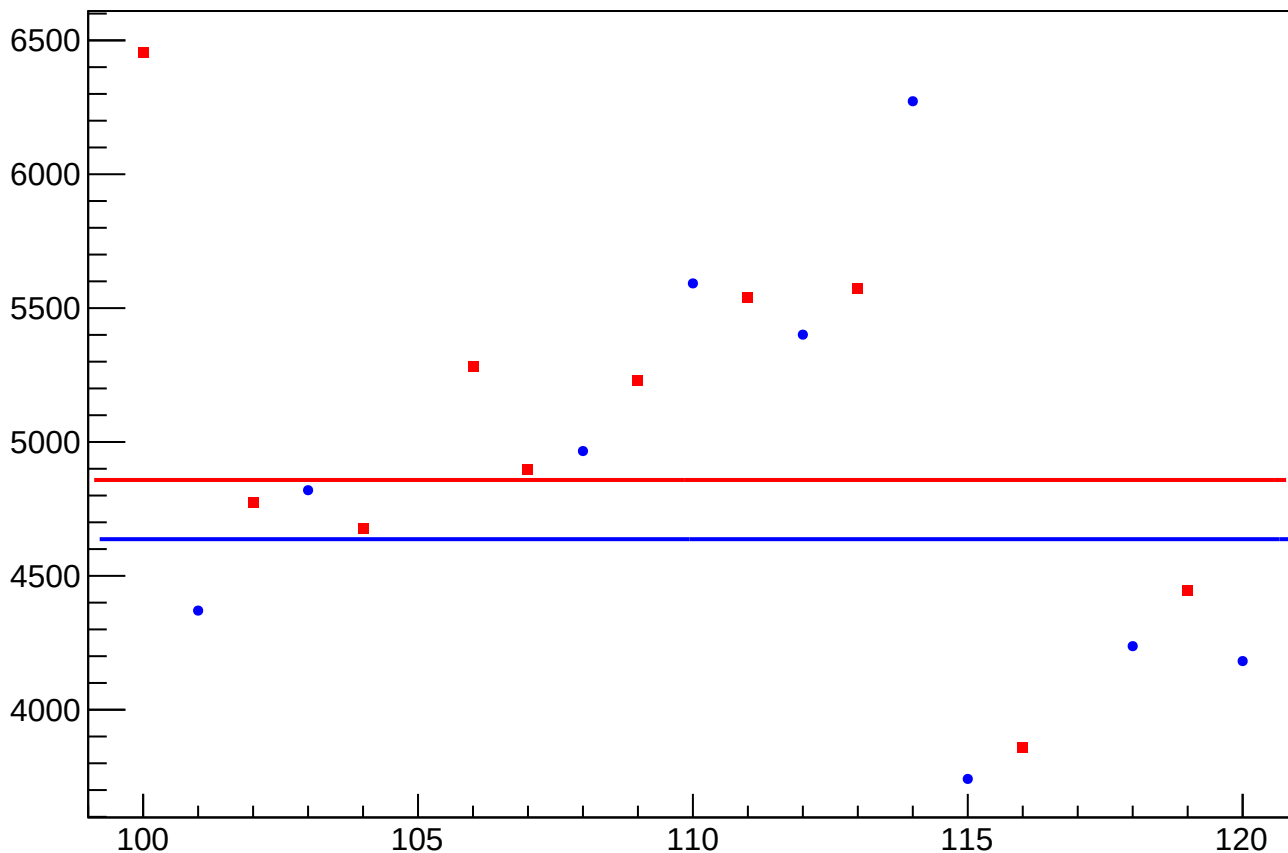
Right: 749.693+/-1712.068 χ^2/NDF : 15.9/18

In: -2112.017+/-2435.491 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 749.693+/-1712.068 χ^2/NDF : 15.9/18

asym_sam2_dit_correction_rms vs Slug, Sign Corrected



Right In: 4636.982+/-1.722 χ^2/NDF : 101844.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4858.154+/-1.702 χ^2/NDF : 94374.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

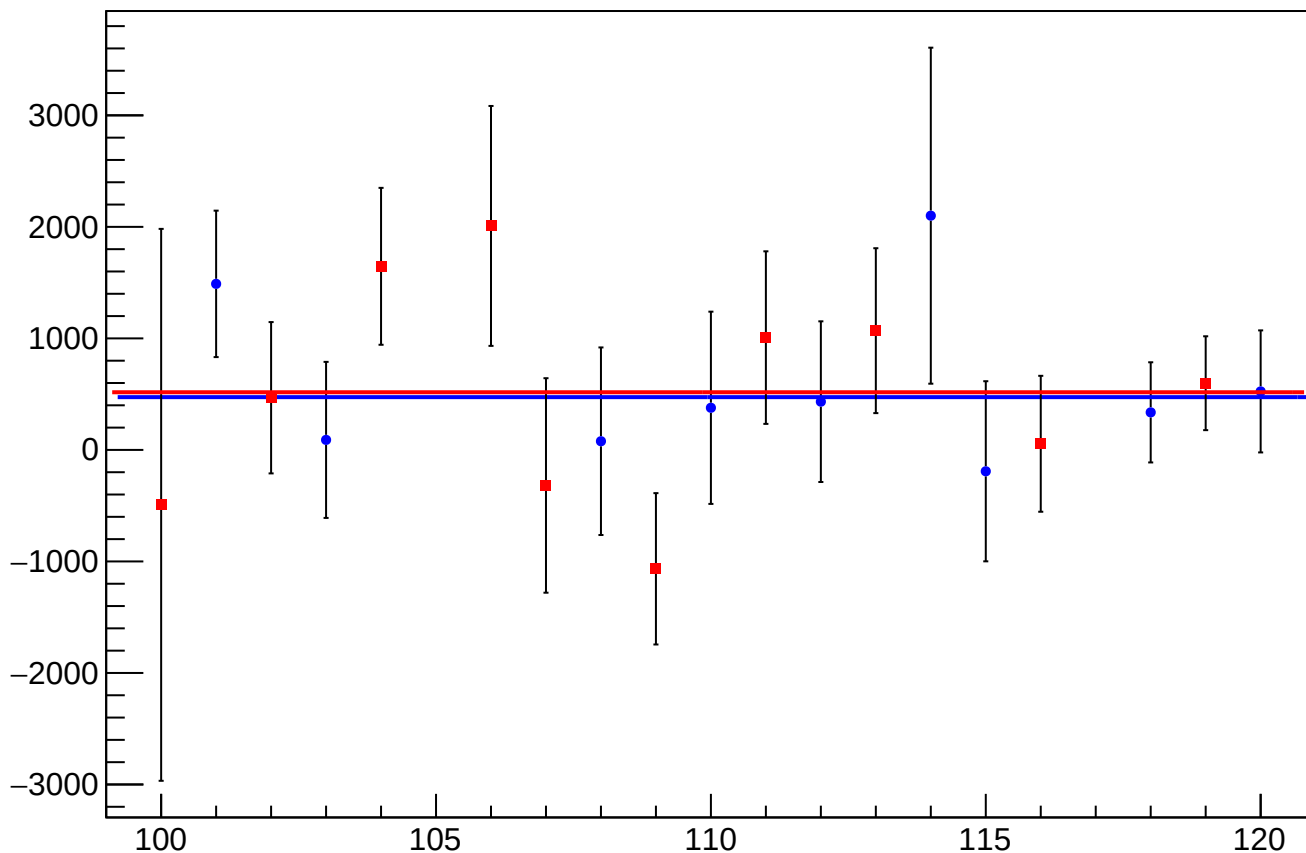
Right: 4748.859+/-1.211 χ^2/NDF : 204562.0/18

In: 4636.982+/-1.722 χ^2/NDF : 101844.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4748.859+/-1.211 χ^2/NDF : 204562.0/18

eigen_dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 473.175+/-227.496 χ^2/NDF : 4.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 516.999+/-221.875 χ^2/NDF : 12.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

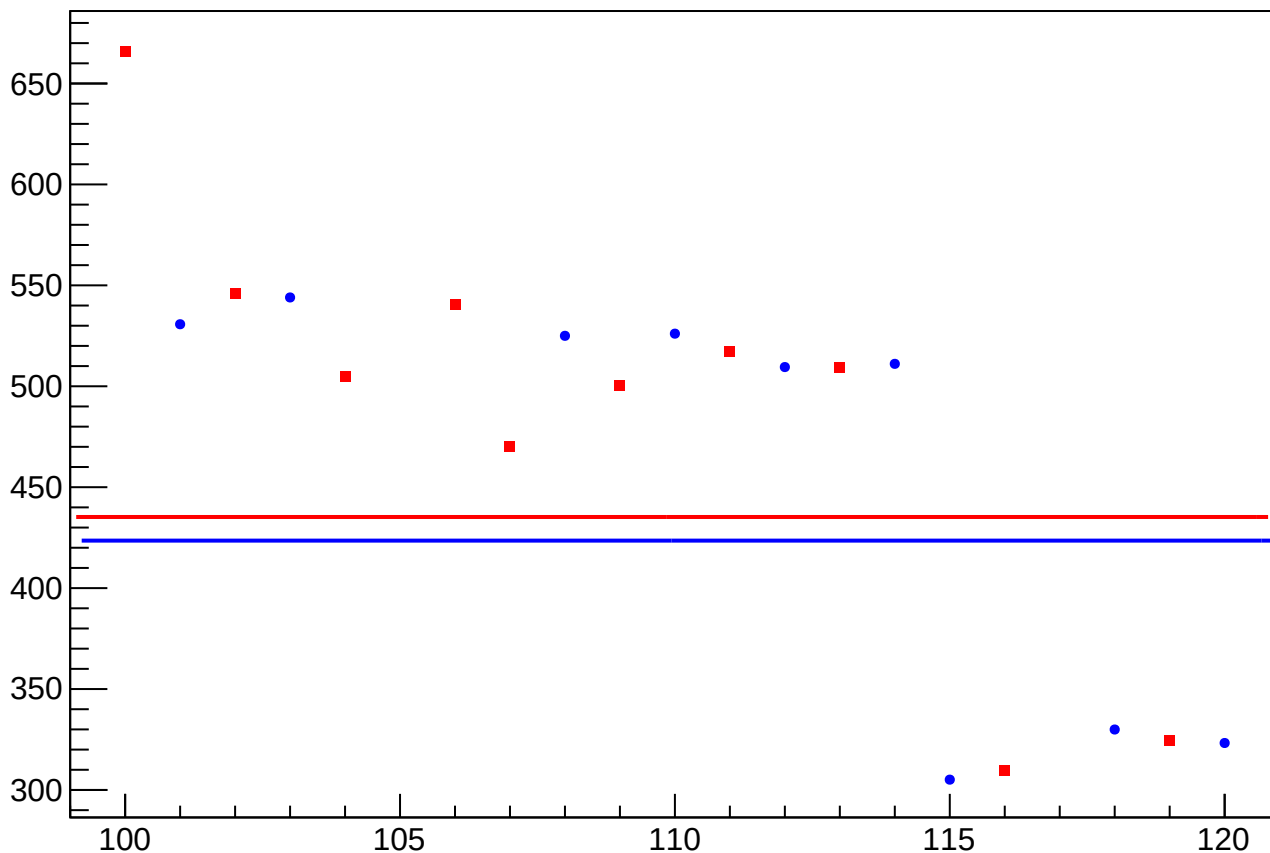
Right: 495.635+/-158.839 χ^2/NDF : 17.3/18

In: 473.175+/-227.496 χ^2/NDF : 4.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 495.635+/-158.839 χ^2/NDF : 17.3/18

eigen_dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 423.535+/-0.161 χ^2/NDF : 402295.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 435.243+/-0.157 χ^2/NDF : 396133.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

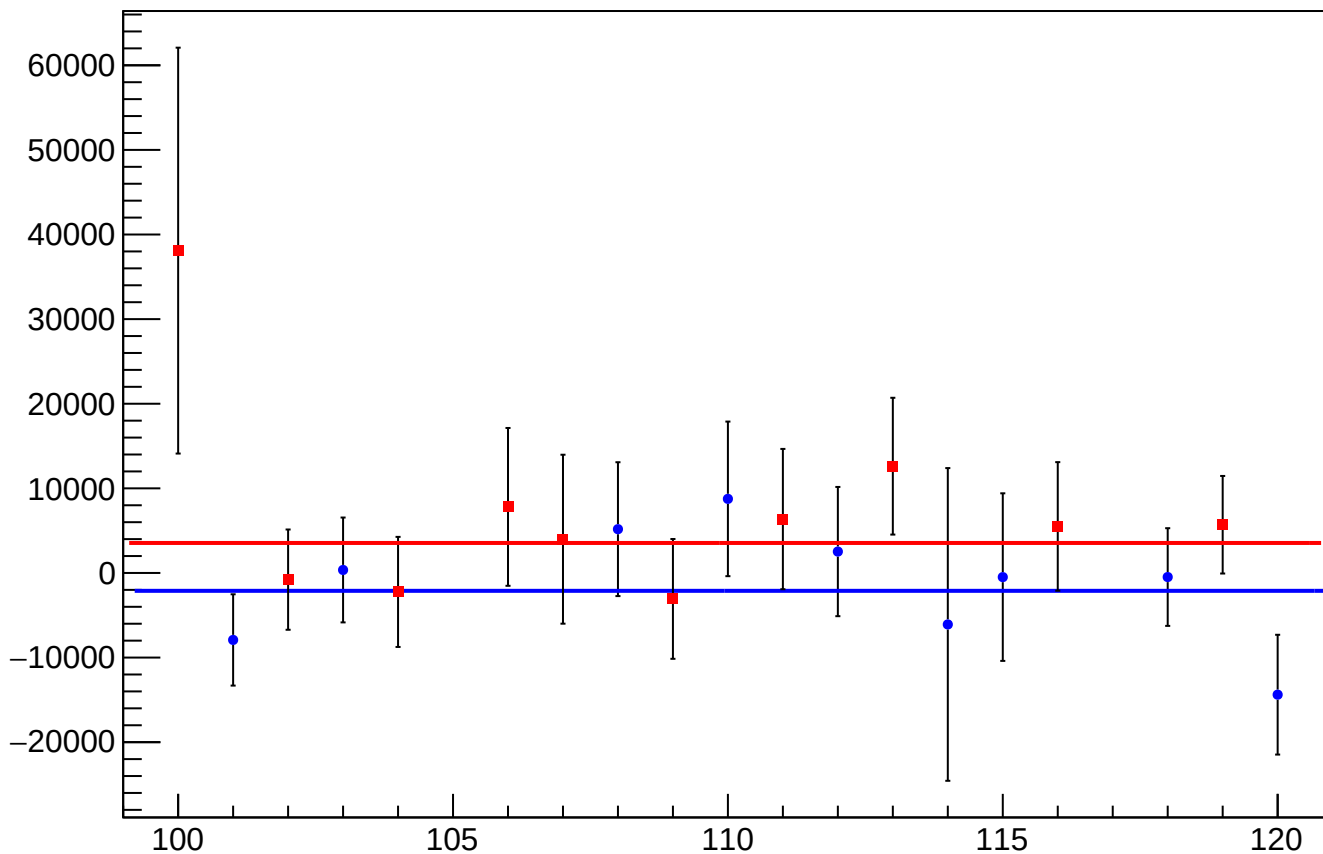
Right: 429.535+/-0.112 χ^2/NDF : 801142.8/18

In: 423.535+/-0.161 χ^2/NDF : 402295.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 429.535+/-0.112 χ^2/NDF : 801142.8/18

asym_sam2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -2112.010+/-2435.485 χ^2 /NDF: 7.1/8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 3545.330+/-2407.208 χ^2 /NDF: 6.1/9

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

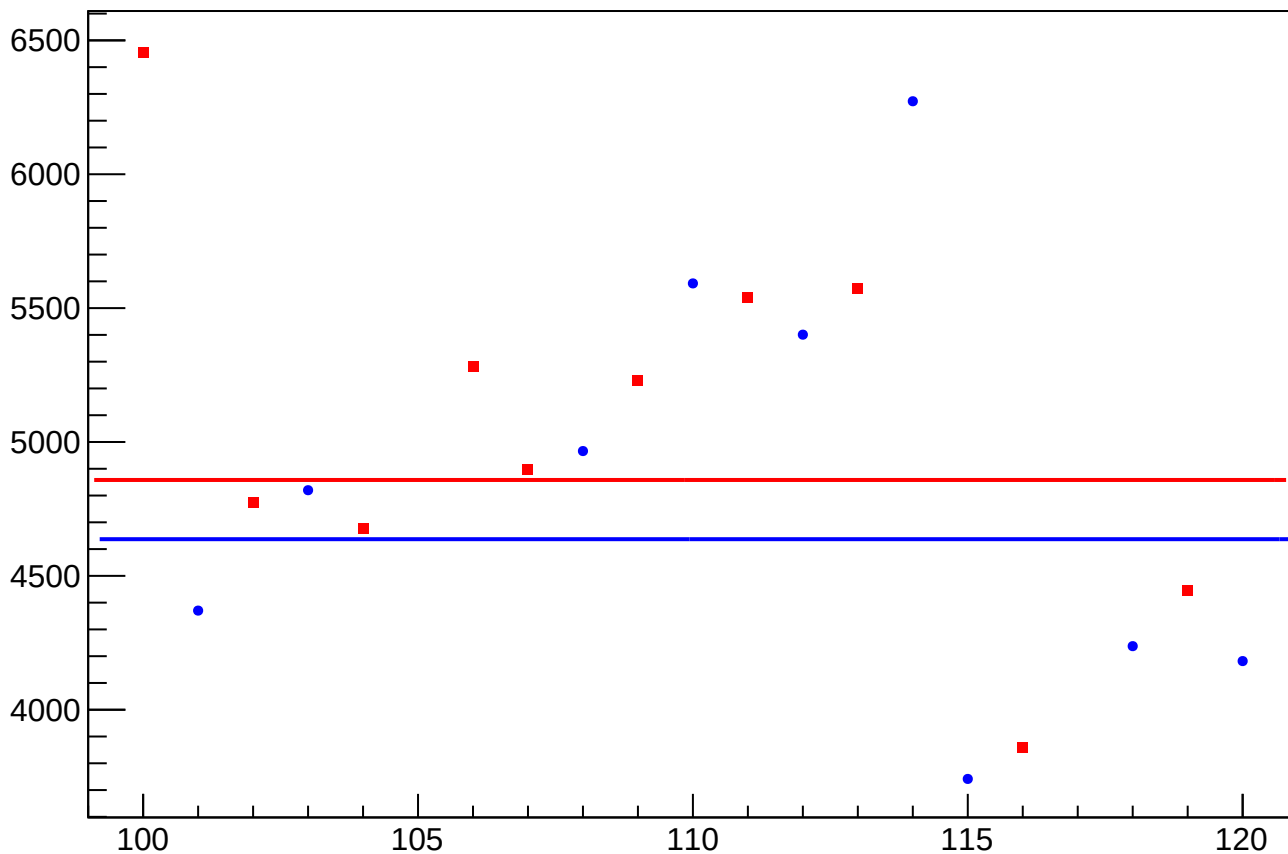
Right: 749.693+/-1712.063 χ^2 /NDF: 15.9/18

In: -2112.010+/-2435.485 χ^2 /NDF: 7.1/8

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 749.693+/-1712.063 χ^2 /NDF: 15.9/18

asym_sam2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4636.971+/-1.722 χ^2/NDF : 101841.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4858.142+/-1.702 χ^2/NDF : 94372.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

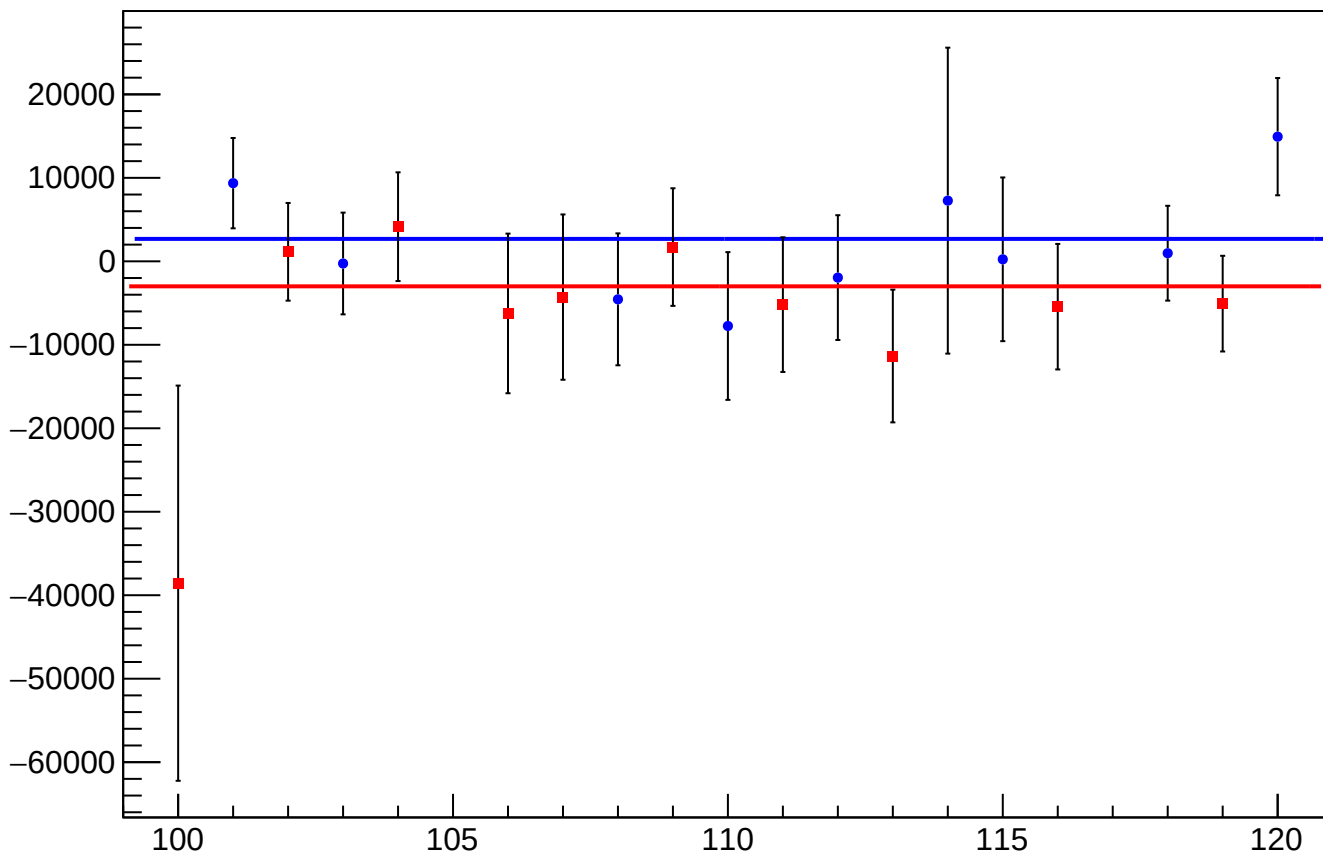
Right: 4748.848+/-1.211 χ^2/NDF : 204557.2/18

In: 4636.971+/-1.722 χ^2/NDF : 101841.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4748.848+/-1.211 χ^2/NDF : 204557.2/18

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2686.388+/-2408.282 χ^2/NDF : 7.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2996.797+/-2389.082 χ^2/NDF : 6.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

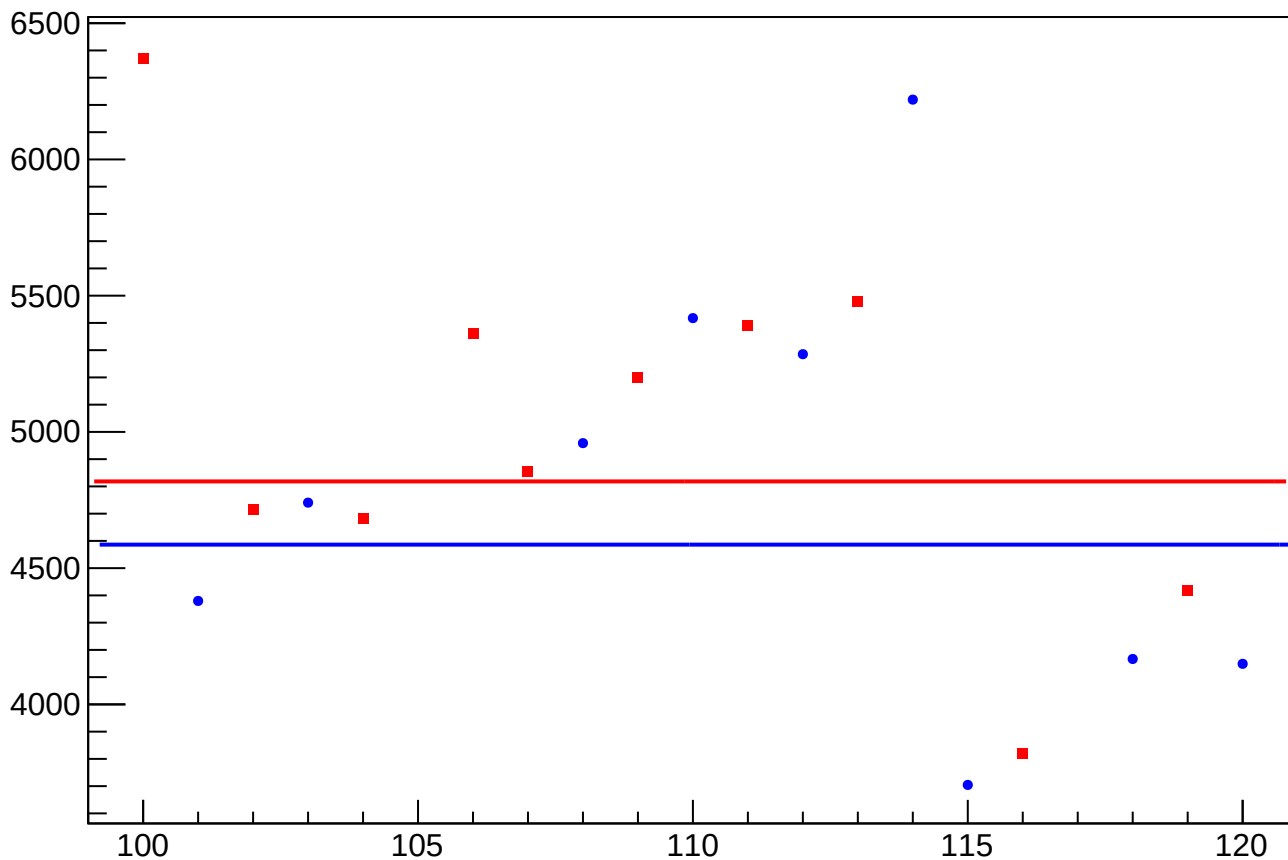
Right: -177.949+/-1696.084 χ^2/NDF : 16.4/18

In: 2686.388+/-2408.282 χ^2/NDF : 7.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -177.949+/-1696.084 χ^2/NDF : 16.4/18

asym_sam2_rms vs Slug, Sign Corrected



Right In: 4586.322+/-1.703 χ^2/NDF : 94512.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4818.298+/-1.689 χ^2/NDF : 91453.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

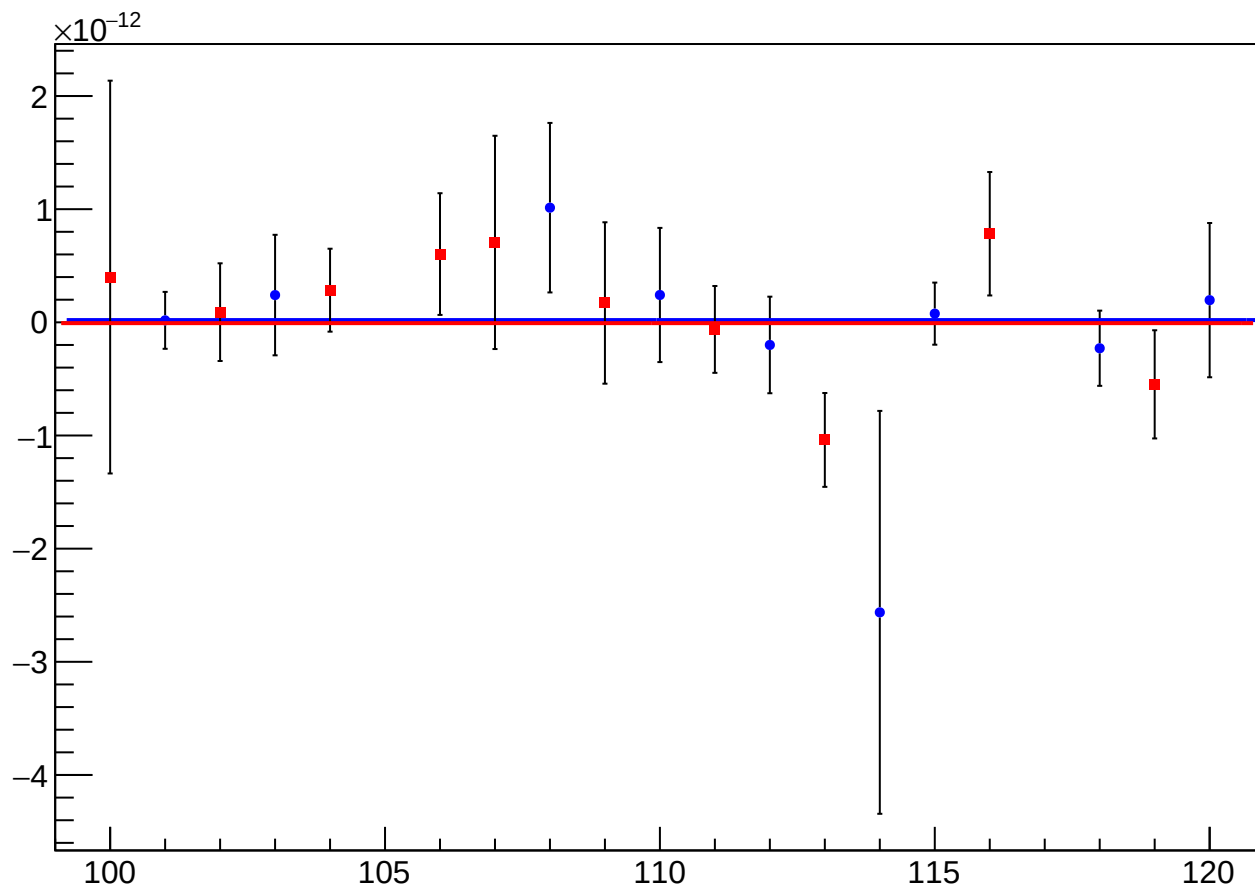
Right: 4703.238+/-1.199 χ^2/NDF : 195318.6/18

In: 4586.322+/-1.703 χ^2/NDF : 94512.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4703.238+/-1.199 χ^2/NDF : 195318.6/18

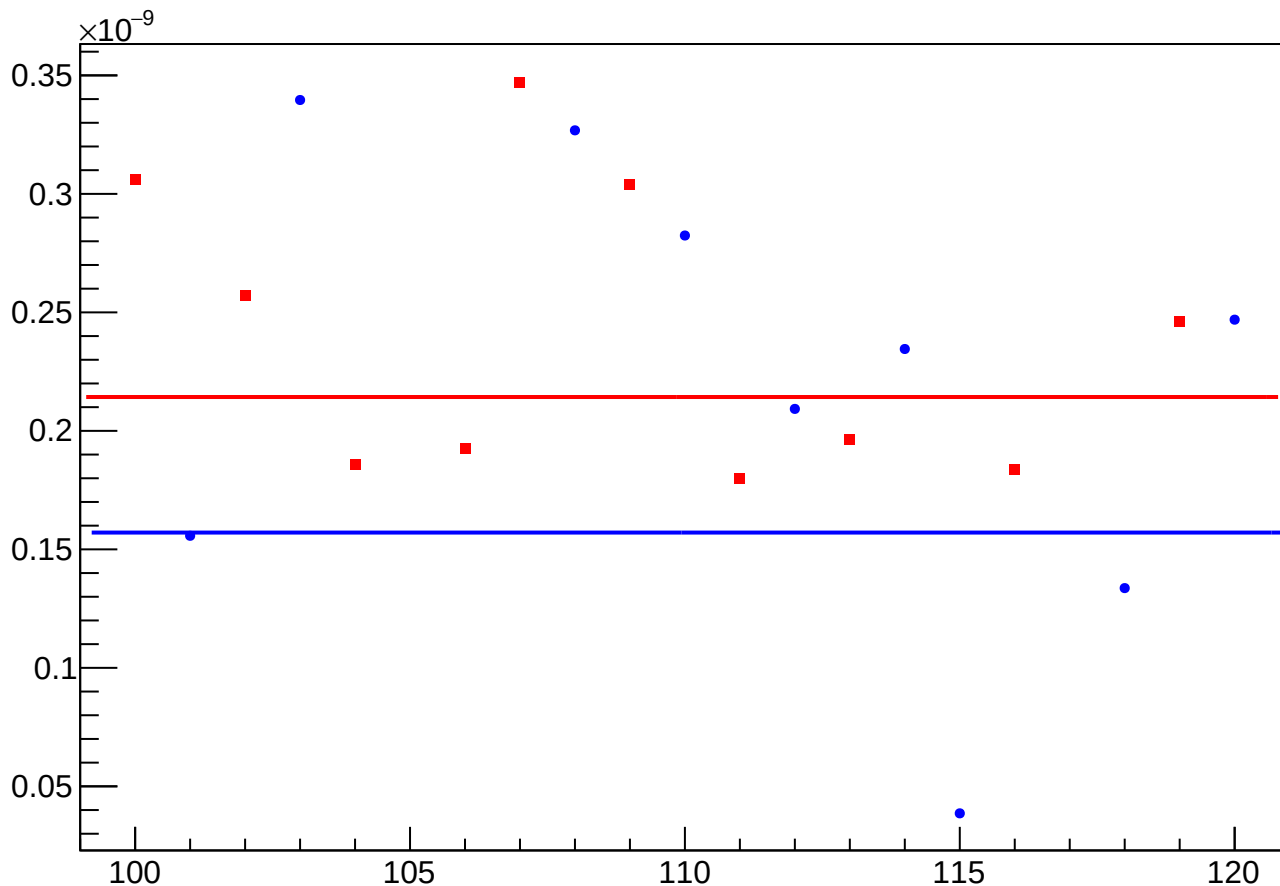
asym_sam2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.1/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 12.3/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 17.4/18
 In: 0.000+/-0.000 χ^2/NDF : 5.1/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 17.4/18

asym_sam2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 878380.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 146866.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

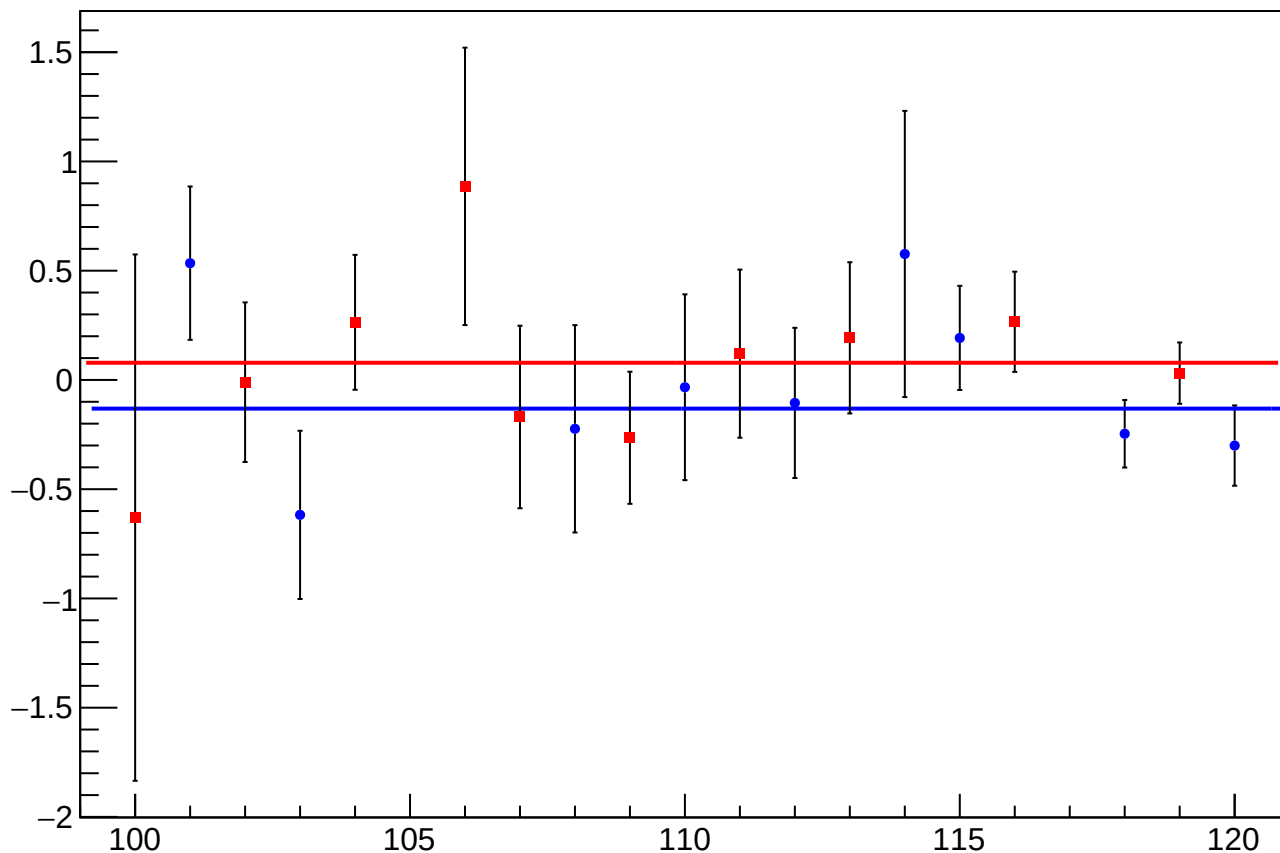
Right: 0.000+/-0.000 χ^2/NDF : 1176002.4/18

In: 0.000+/-0.000 χ^2/NDF : 878380.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1176002.4/18

asym_sam2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.131 ± 0.090 χ^2/NDF : 9.7/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.079 ± 0.090 χ^2/NDF : 4.9/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

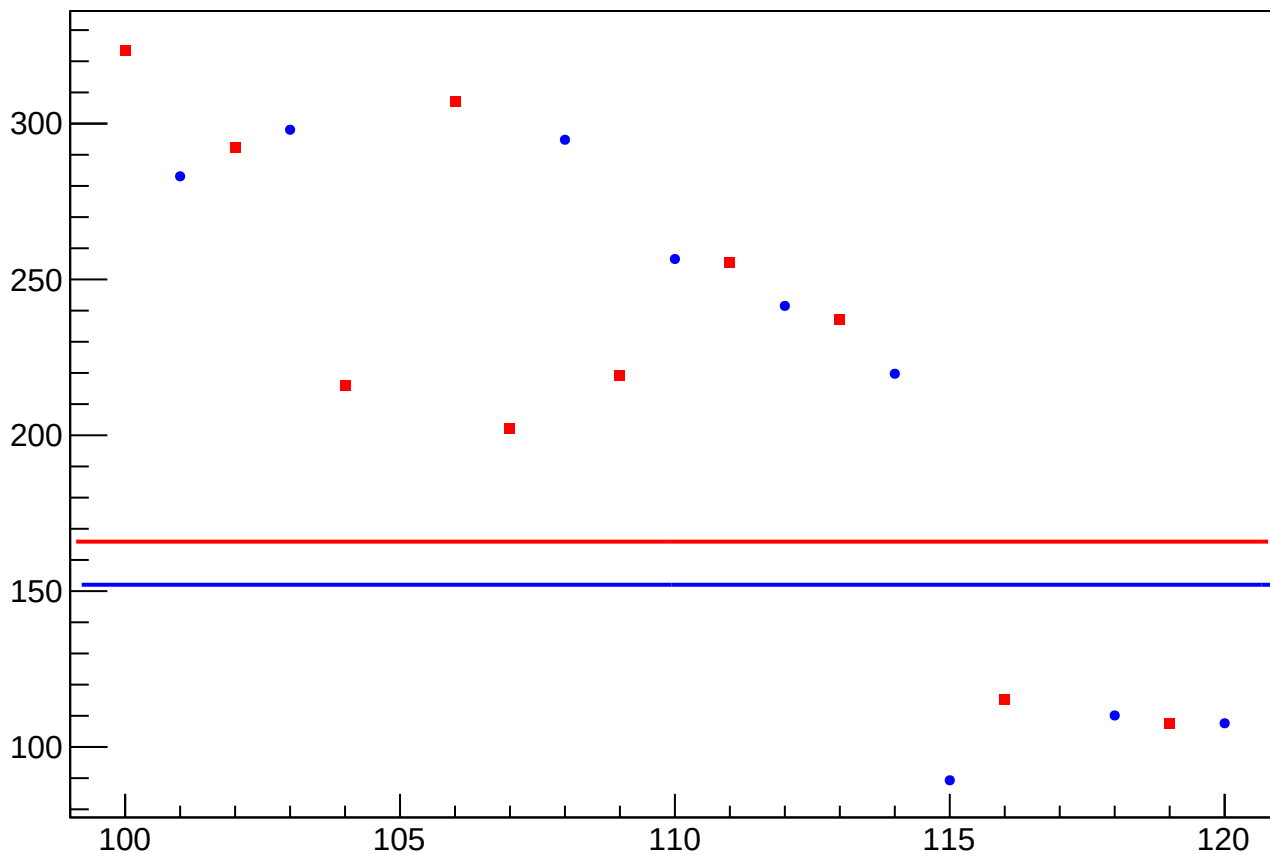
Right: -0.027 ± 0.064 χ^2/NDF : 17.4/18

In: -0.131 ± 0.090 χ^2/NDF : 9.7/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.027 ± 0.064 χ^2/NDF : 17.4/18

asym_sam2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 152.051+/-0.063 χ^2/NDF : 1428078.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.879+/-0.064 χ^2/NDF : 1139111.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

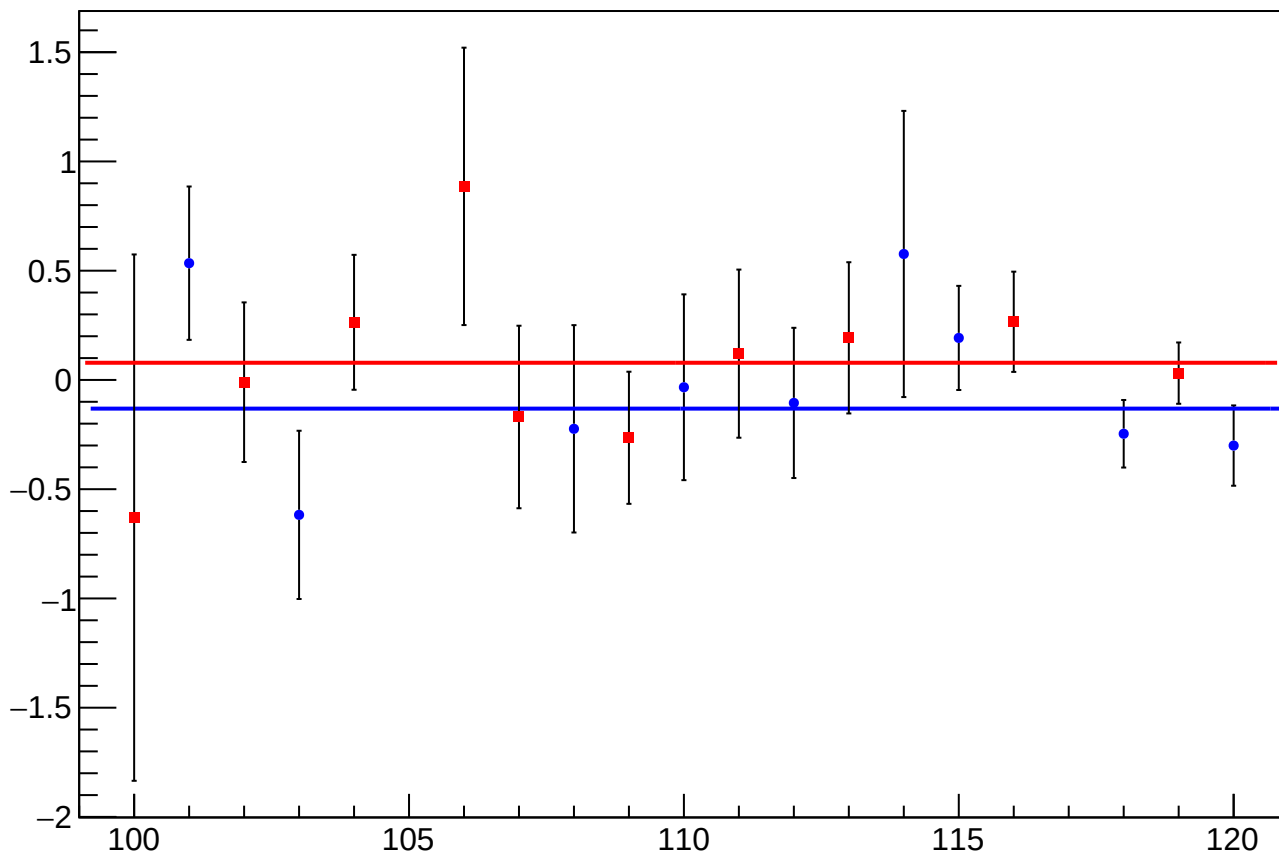
Right: 158.911+/-0.045 χ^2/NDF : 2590847.0/18

In: 152.051+/-0.063 χ^2/NDF : 1428078.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.911+/-0.045 χ^2/NDF : 2590847.0/18

asym_sam2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.131 ± 0.090 χ^2/NDF : 9.7/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.079 ± 0.090 χ^2/NDF : 4.9/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

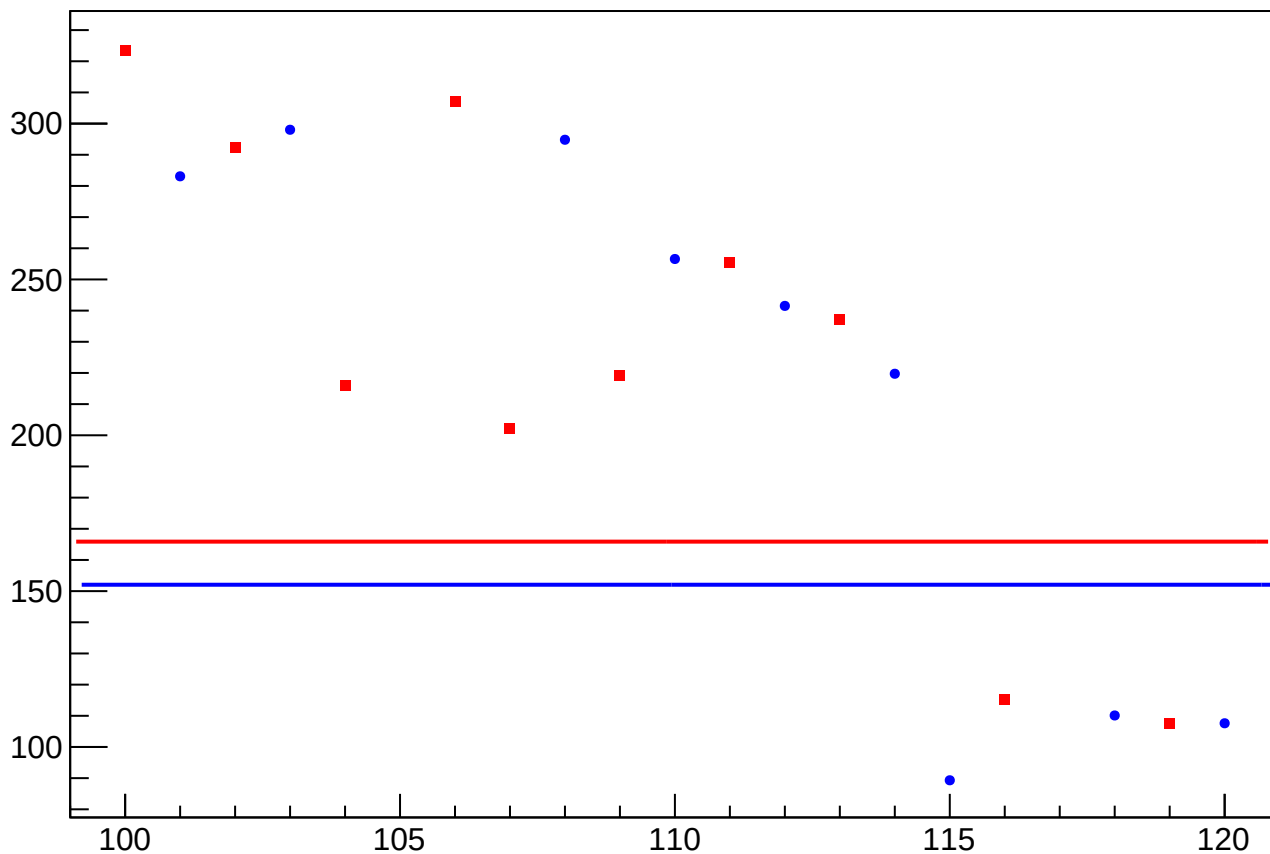
Right: -0.027 ± 0.064 χ^2/NDF : 17.4/18

In: -0.131 ± 0.090 χ^2/NDF : 9.7/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.027 ± 0.064 χ^2/NDF : 17.4/18

asym_sam2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 152.051+/-0.063 χ^2/NDF : 1428078.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 165.879+/-0.064 χ^2/NDF : 1139111.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

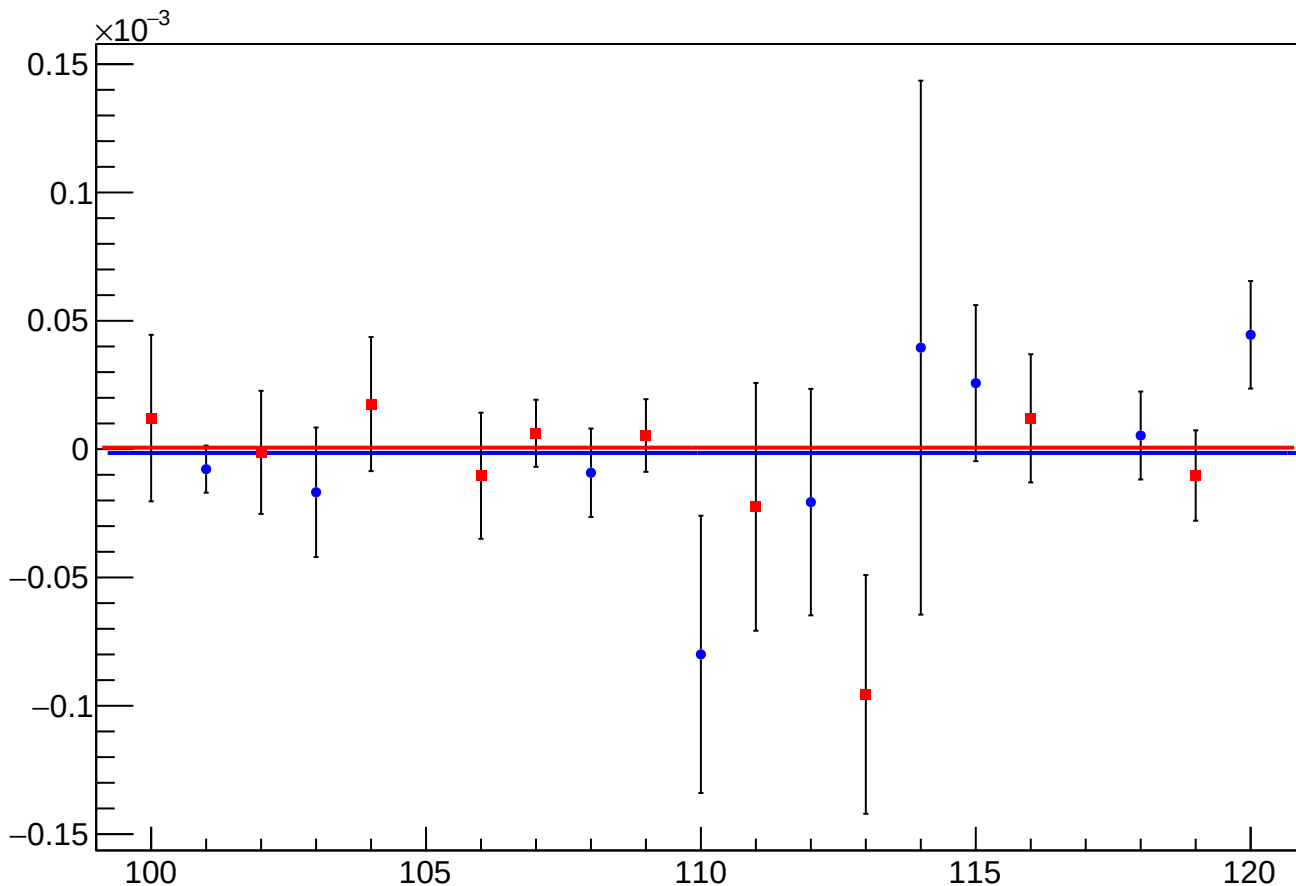
Right: 158.911+/-0.045 χ^2/NDF : 2590847.0/18

In: 152.051+/-0.063 χ^2/NDF :1428078.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 158.911+/-0.045 χ^2/NDF : 2590847.0/18

asym_sam2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

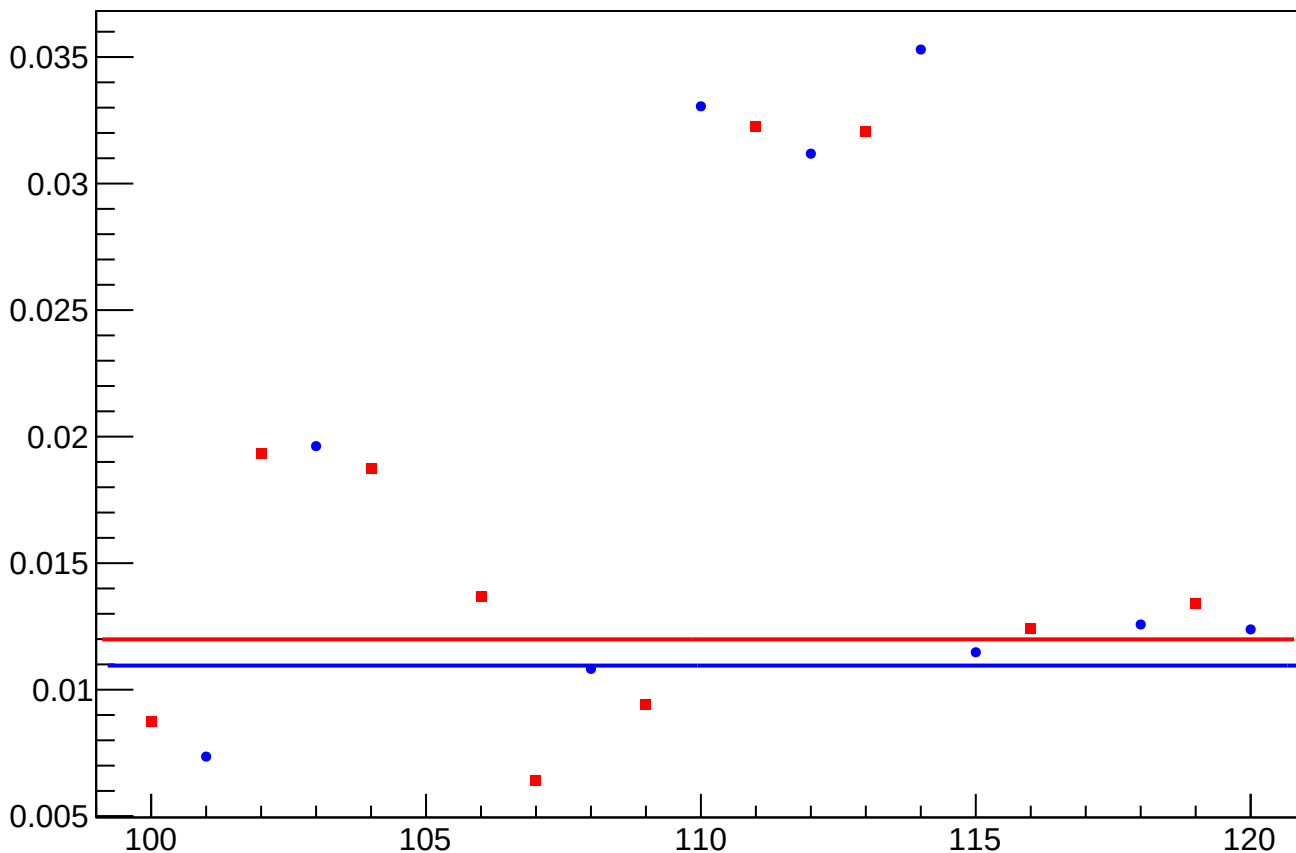
Right: -0.000+/-0.000 χ^2/NDF : 15.5/18

In: -0.000+/-0.000 χ^2/NDF :9.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.5/18

asym_sam2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 1436682.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 1519627.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

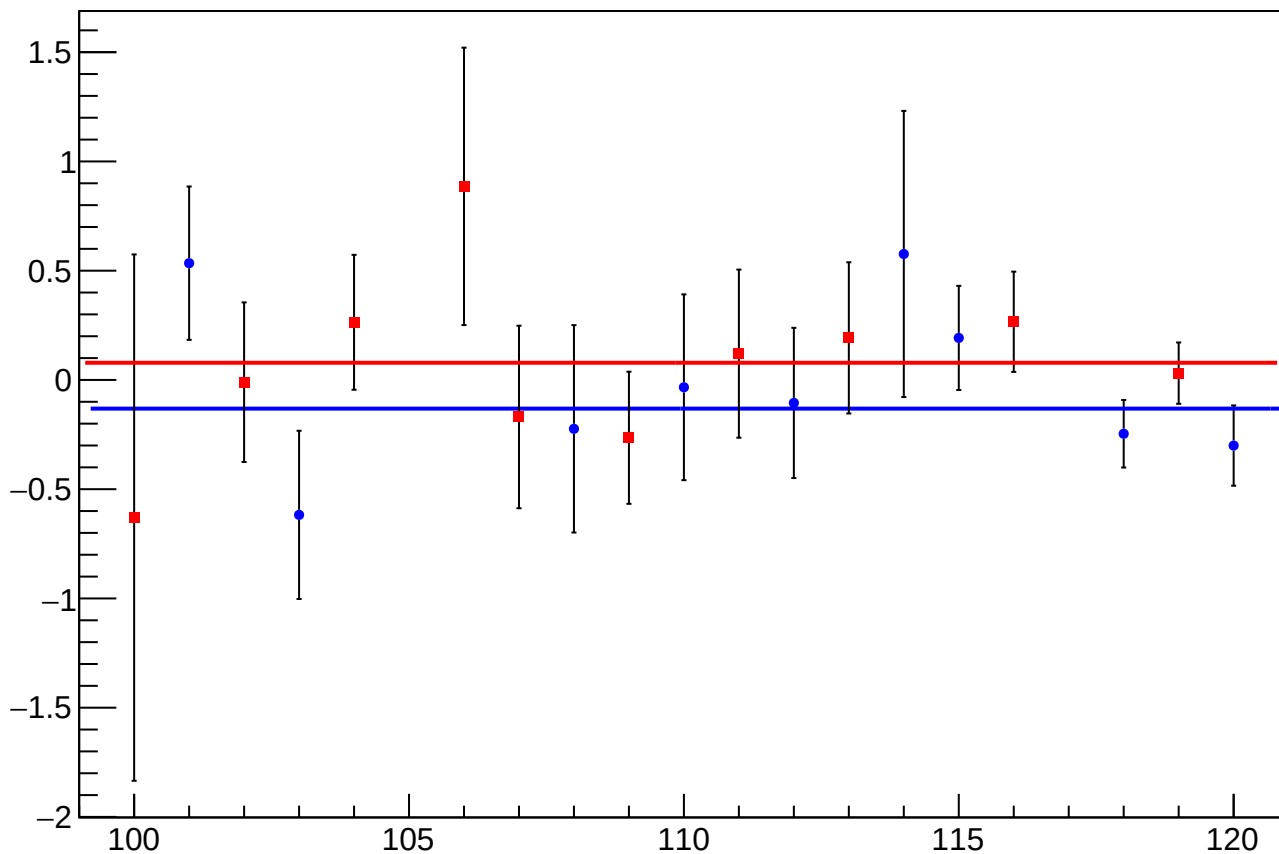
Right: 0.011+/-0.000 χ^2/NDF : 2981485.0/18

In: 0.011+/-0.000 χ^2/NDF : 1436682.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 2981485.0/18

asym_sam2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.131+/-0.090 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.079+/-0.090 χ^2/NDF : 4.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

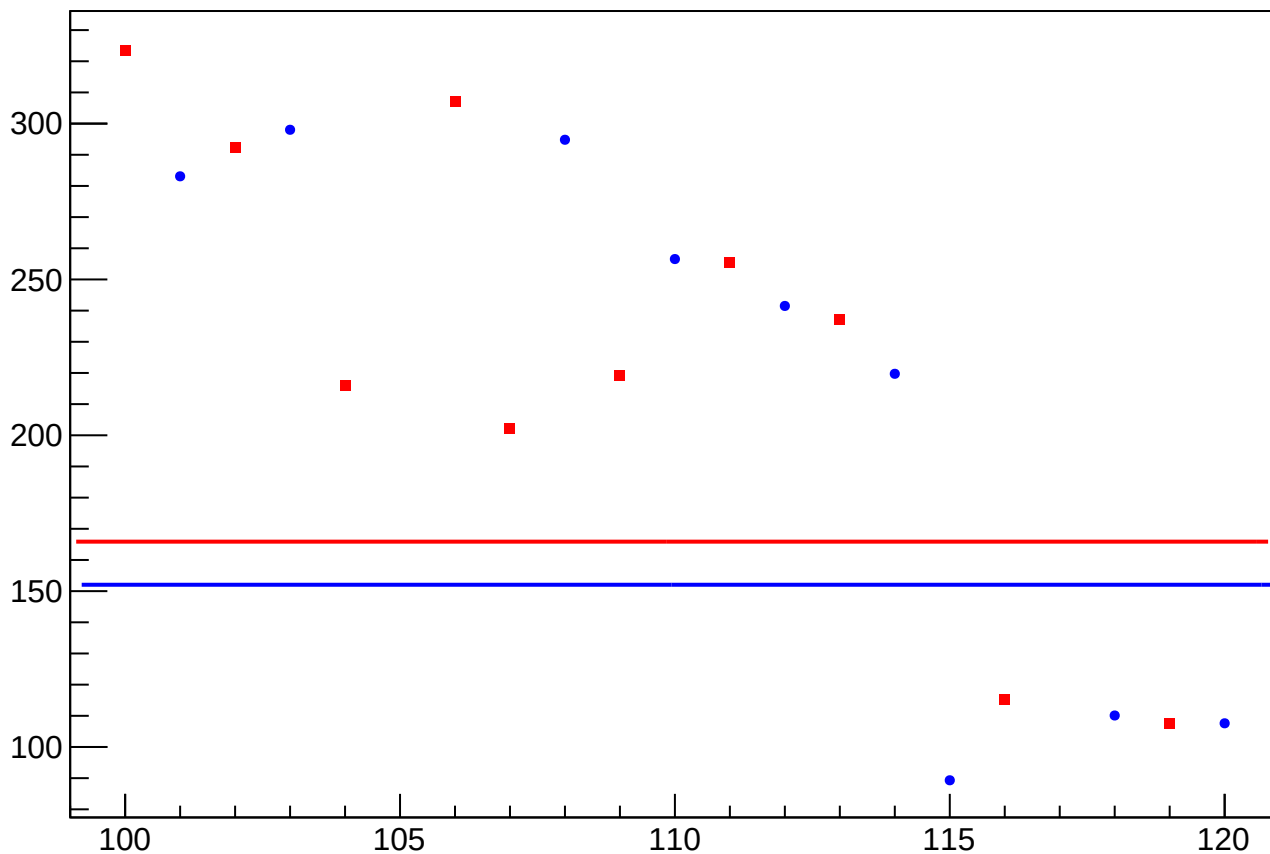
Right: -0.027+/-0.064 χ^2/NDF : 17.4/18

In: -0.131+/-0.090 χ^2/NDF :9.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.027+/-0.064 χ^2/NDF : 17.4/18

asym_sam2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 152.049+/-0.063 χ^2/NDF : 1428026.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 165.878+/-0.064 χ^2/NDF : 1139058.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

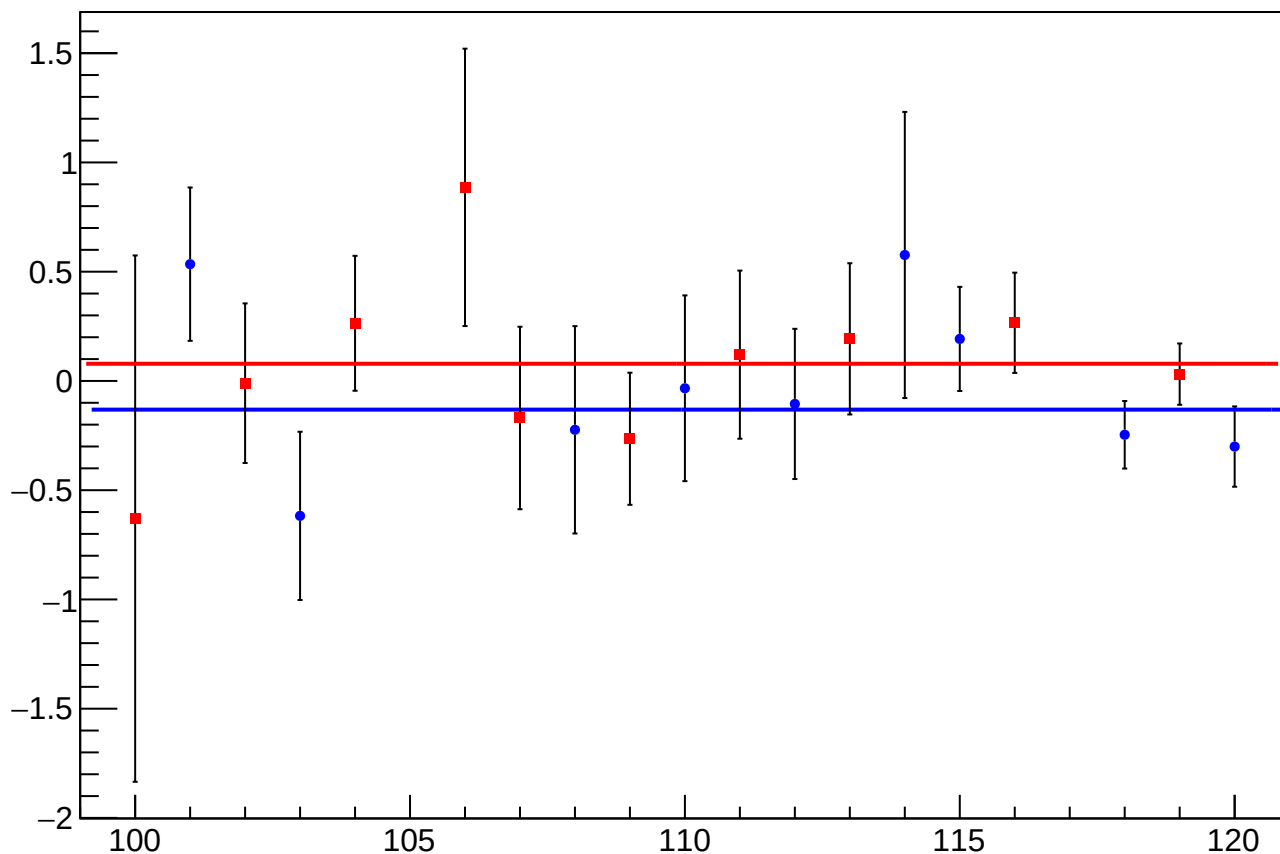
Right: 158.909+/-0.045 χ^2/NDF : 2590745.0/18

In: 152.049+/-0.063 χ^2/NDF :1428026.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 158.909+/-0.045 χ^2/NDF : 2590745.0/18

asym_sam2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.131+/-0.090 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.079+/-0.090 χ^2/NDF : 4.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

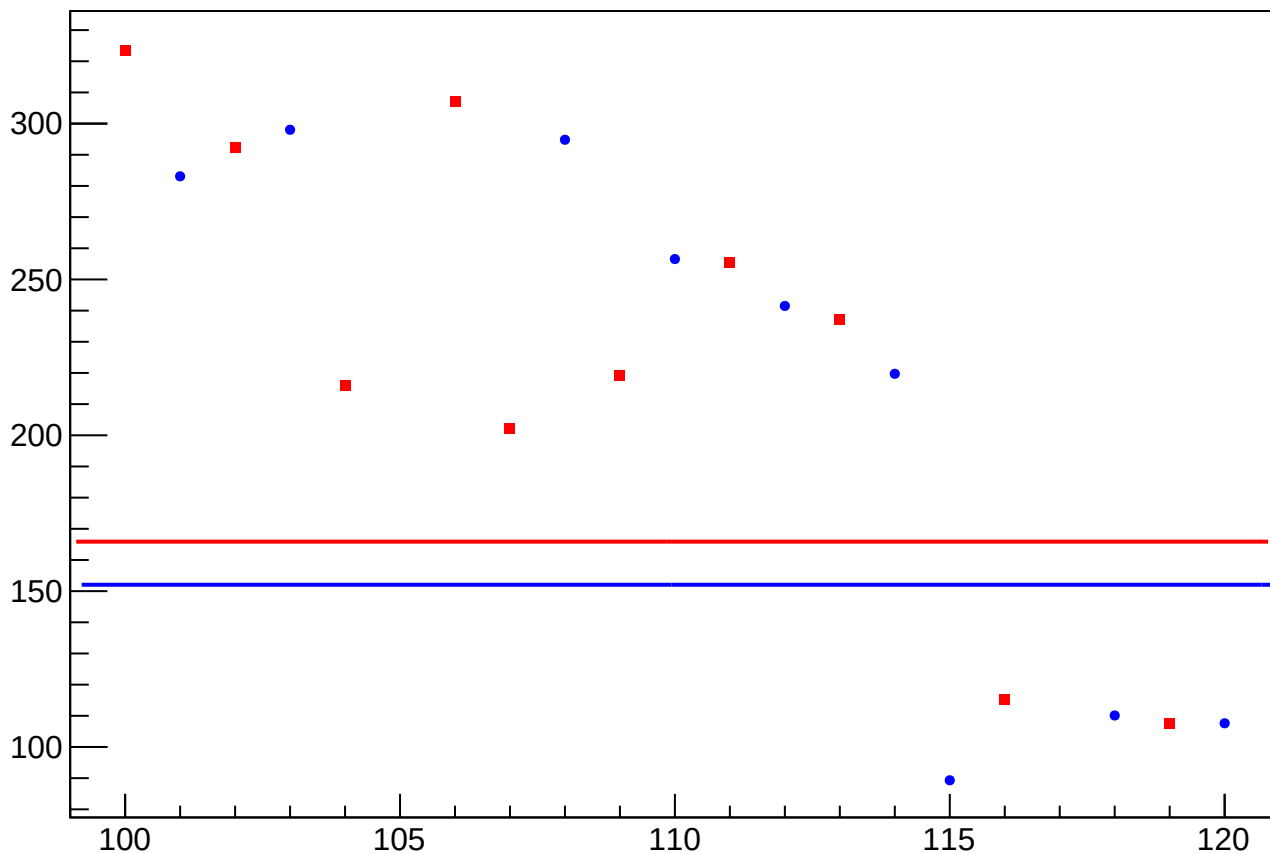
Right: -0.027+/-0.064 χ^2/NDF : 17.4/18

In: -0.131+/-0.090 χ^2/NDF :9.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.027+/-0.064 χ^2/NDF : 17.4/18

asym_sam2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 152.049+/-0.063 χ^2/NDF : 1428026.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.878+/-0.064 χ^2/NDF : 1139058.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

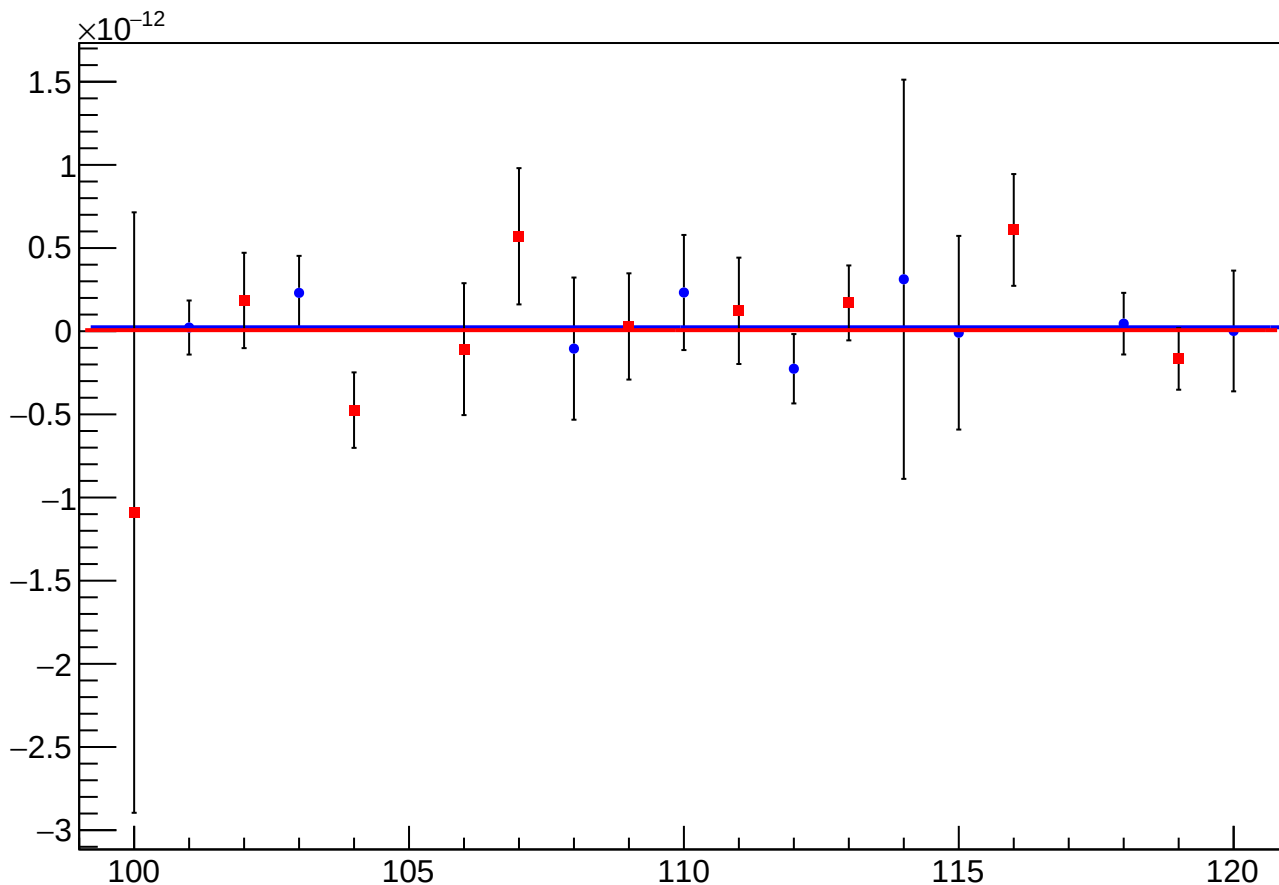
Right: 158.909+/-0.045 χ^2/NDF : 2590745.0/18

In: 152.049+/-0.063 χ^2/NDF : 1428026.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.909+/-0.045 χ^2/NDF : 2590745.0/18

asym_sam2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

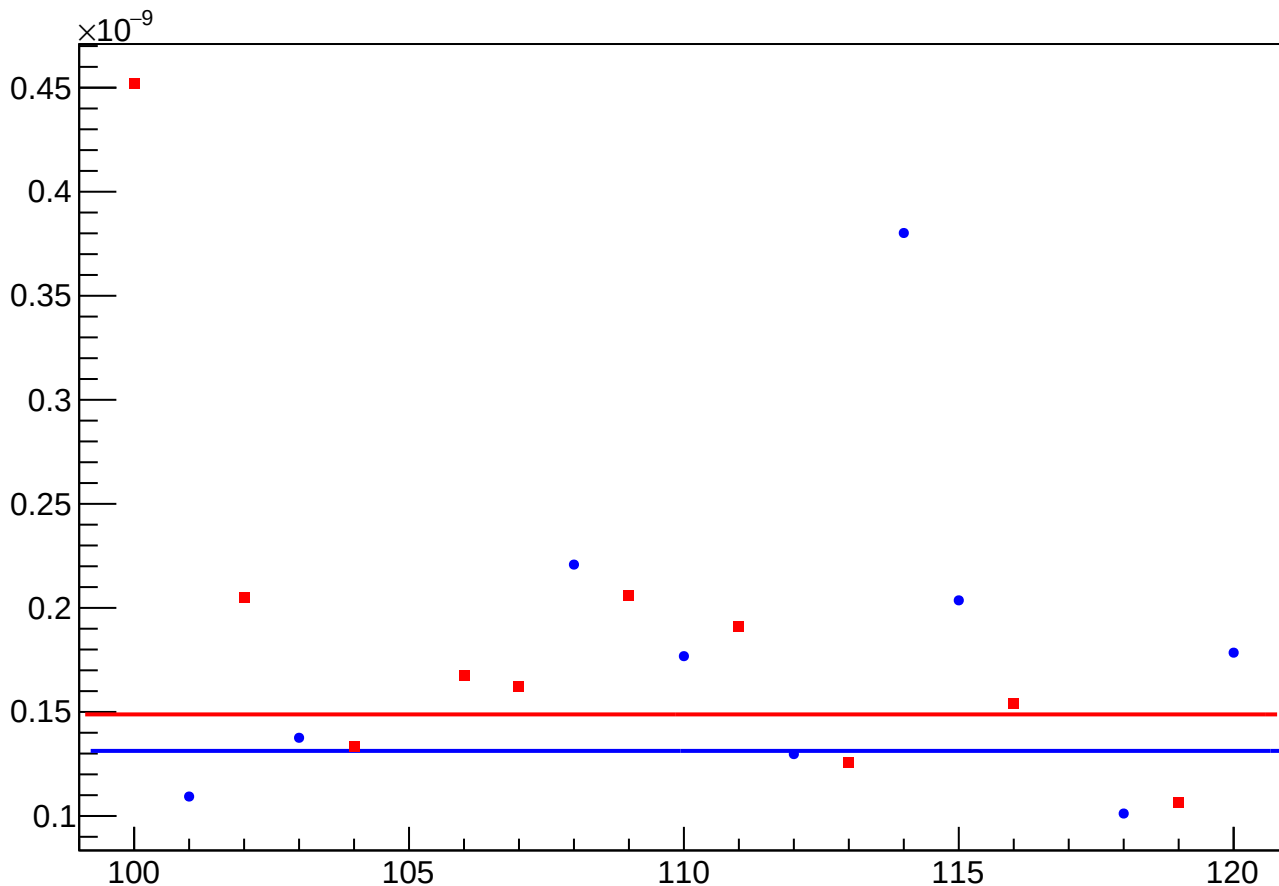
Right: 0.000+/-0.000 χ^2/NDF : 14.8/18

In: 0.000+/-0.000 χ^2/NDF : 2.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.8/18

asym_sam2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 364009.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 375263.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

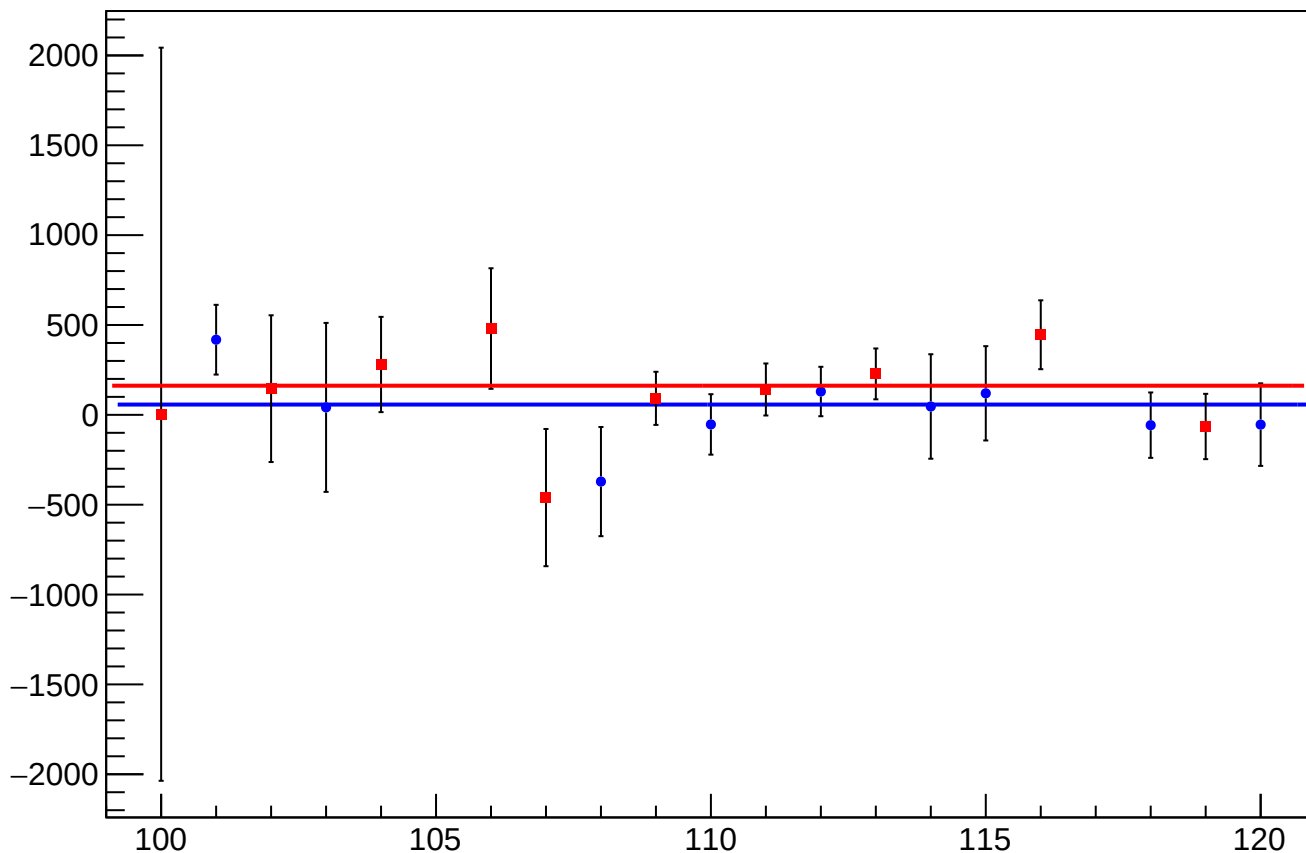
Right: 0.000+/-0.000 χ^2/NDF : 778648.2/18

In: 0.000+/-0.000 χ^2/NDF : 364009.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 778648.2/18

reg_asym_sam3_mean vs Slug, Sign Corrected



Right In: 57.229+/-69.727 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 162.185+/-64.926 χ^2/NDF : 8.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

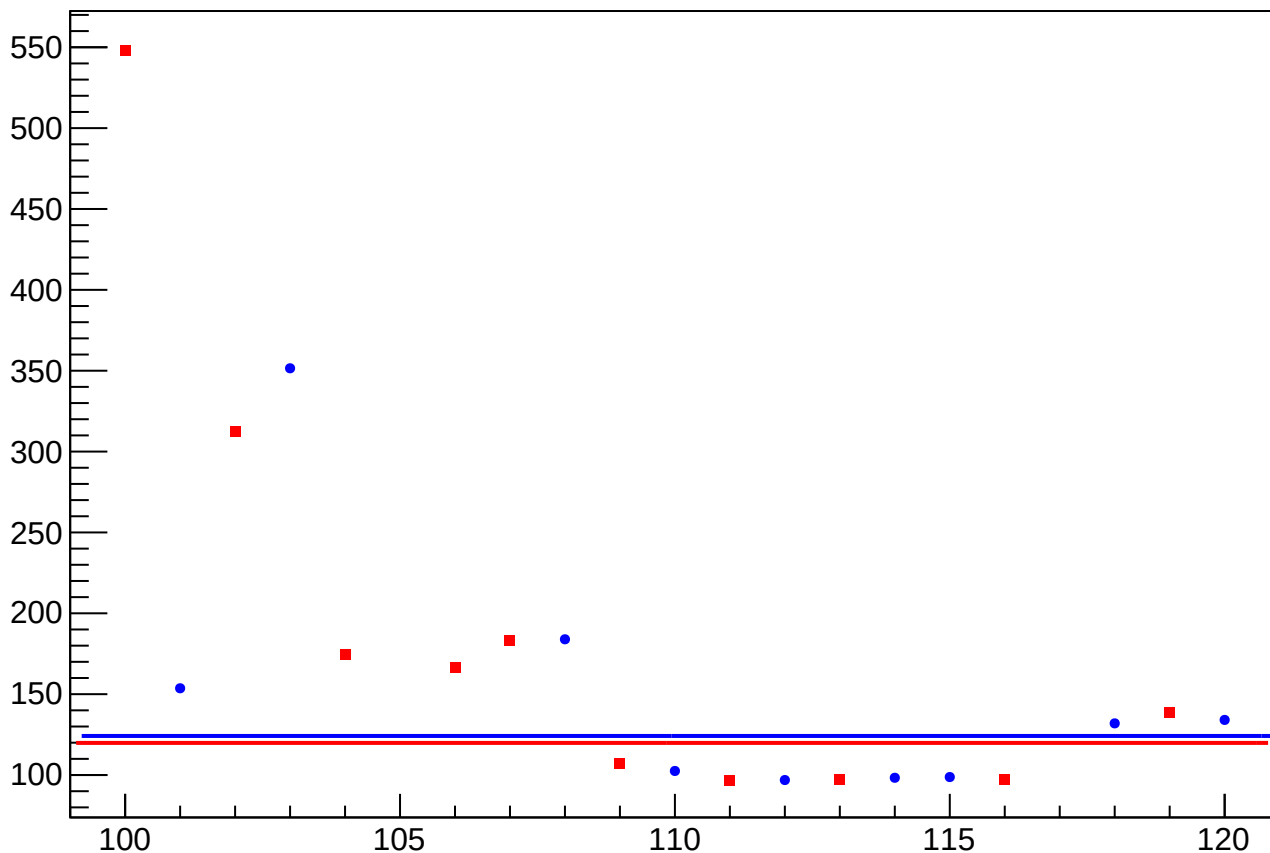
Right: 113.445+/-47.516 χ^2/NDF : 16.0/18

In: 57.229+/-69.727 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.445+/-47.516 χ^2/NDF : 16.0/18

reg_asym_sam3_rms vs Slug, Sign Corrected



Right In: 124.165+/-0.049 χ^2/NDF : 744928.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.866+/-0.046 χ^2/NDF : 878403.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

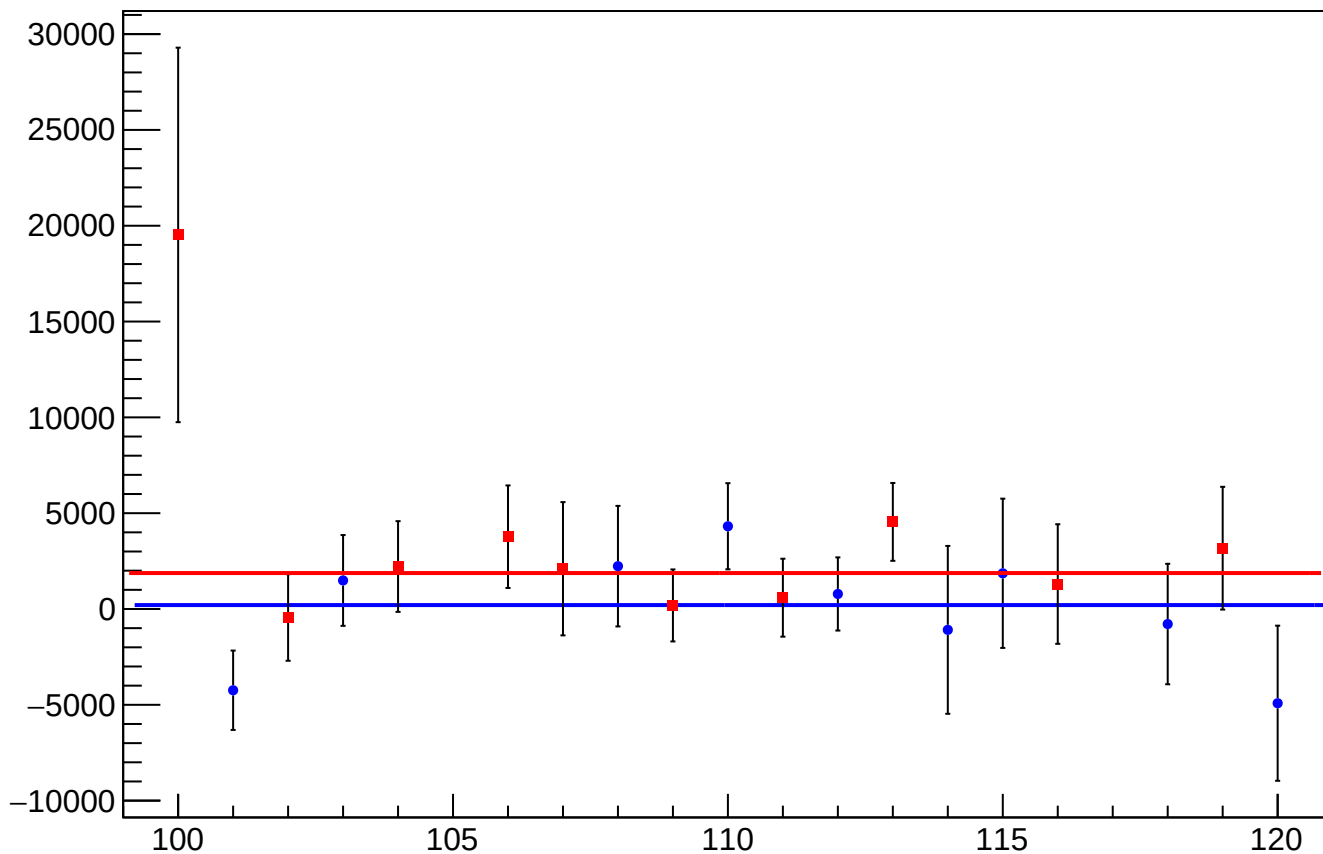
Right: 121.862+/-0.034 χ^2/NDF : 1627403.6/18

In: 124.165+/-0.049 χ^2/NDF : 744928.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.862+/-0.034 χ^2/NDF : 1627403.6/18

asym_sam3_reg_correction_mean vs Slug, Sign Corrected



Right In: 204.719+/-889.058 χ^2/NDF : 10.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1875.817+/-796.845 χ^2/NDF : 8.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

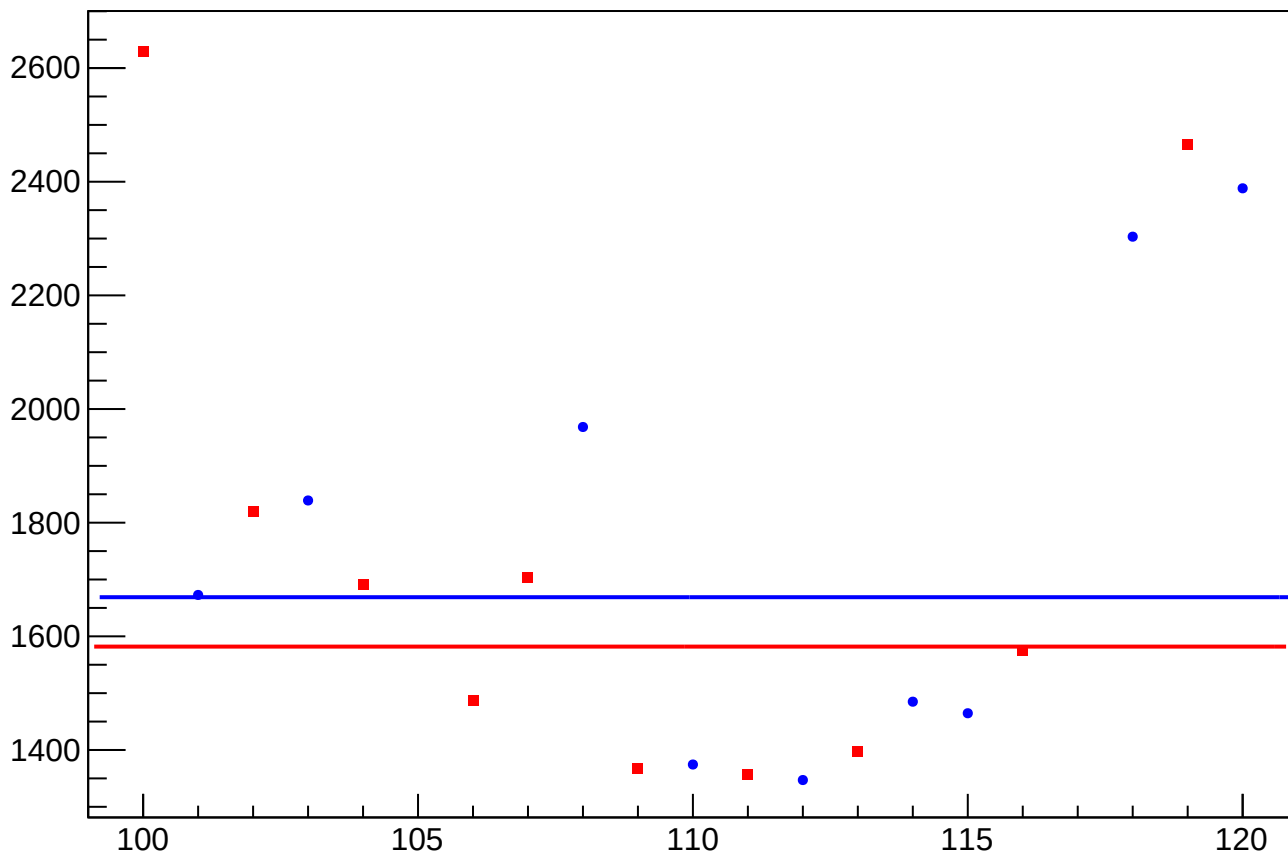
Right: 1131.398+/-593.387 χ^2/NDF : 20.7/18

In: 204.719+/-889.058 χ^2/NDF :10.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1131.398+/-593.387 χ^2/NDF : 20.7/18

asym_sam3_reg_correction_rms vs Slug, Sign Corrected



Right In: 1668.871+/-0.629 χ^2/NDF : 273284.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1581.939+/-0.563 χ^2/NDF : 273262.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

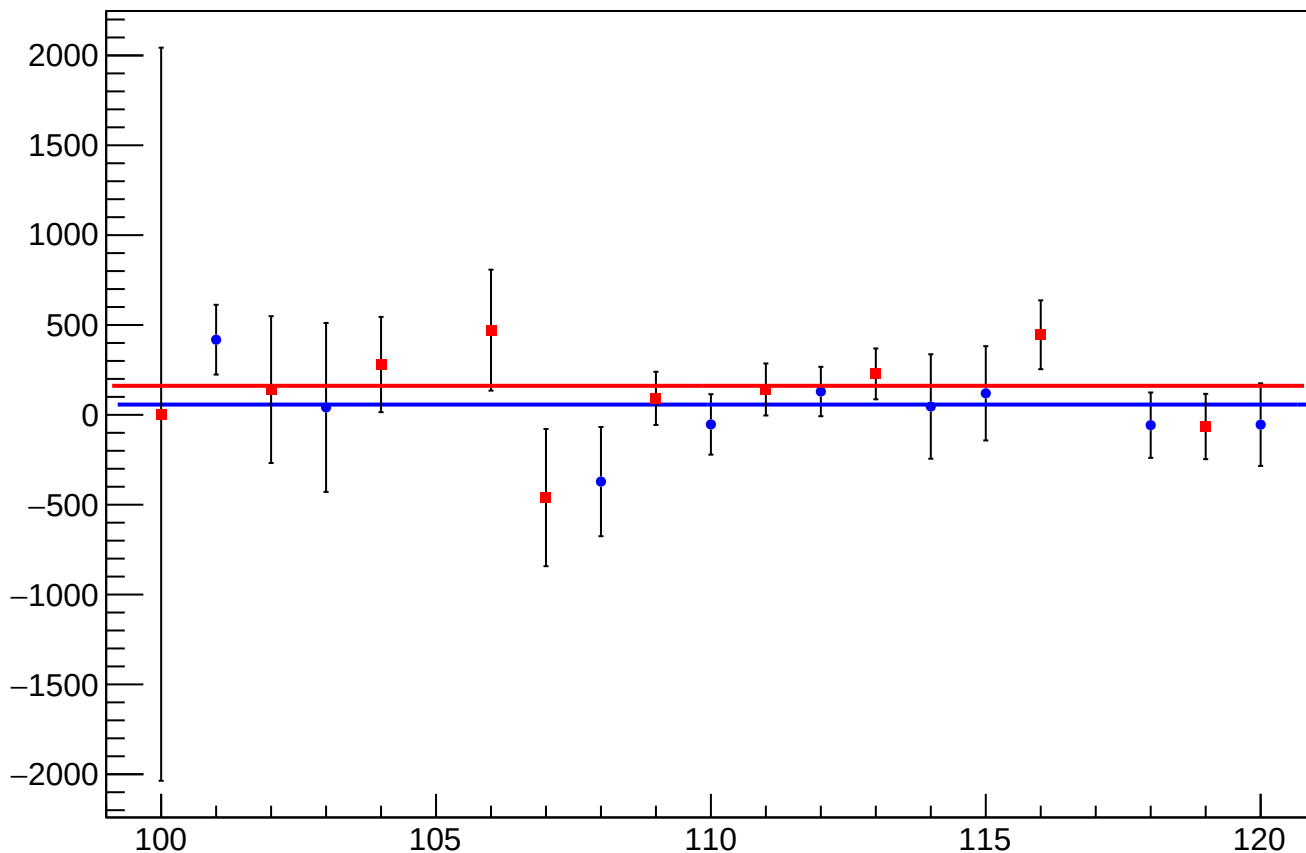
Right: 1620.664+/-0.420 χ^2/NDF : 557150.2/18

In: 1668.871+/-0.629 χ^2/NDF : 273284.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1620.664+/-0.420 χ^2/NDF : 557150.2/18

cor_asym_sam3_mean vs Slug, Sign Corrected



Right In: 57.203+/-69.727 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 161.621+/-64.935 χ^2/NDF : 7.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

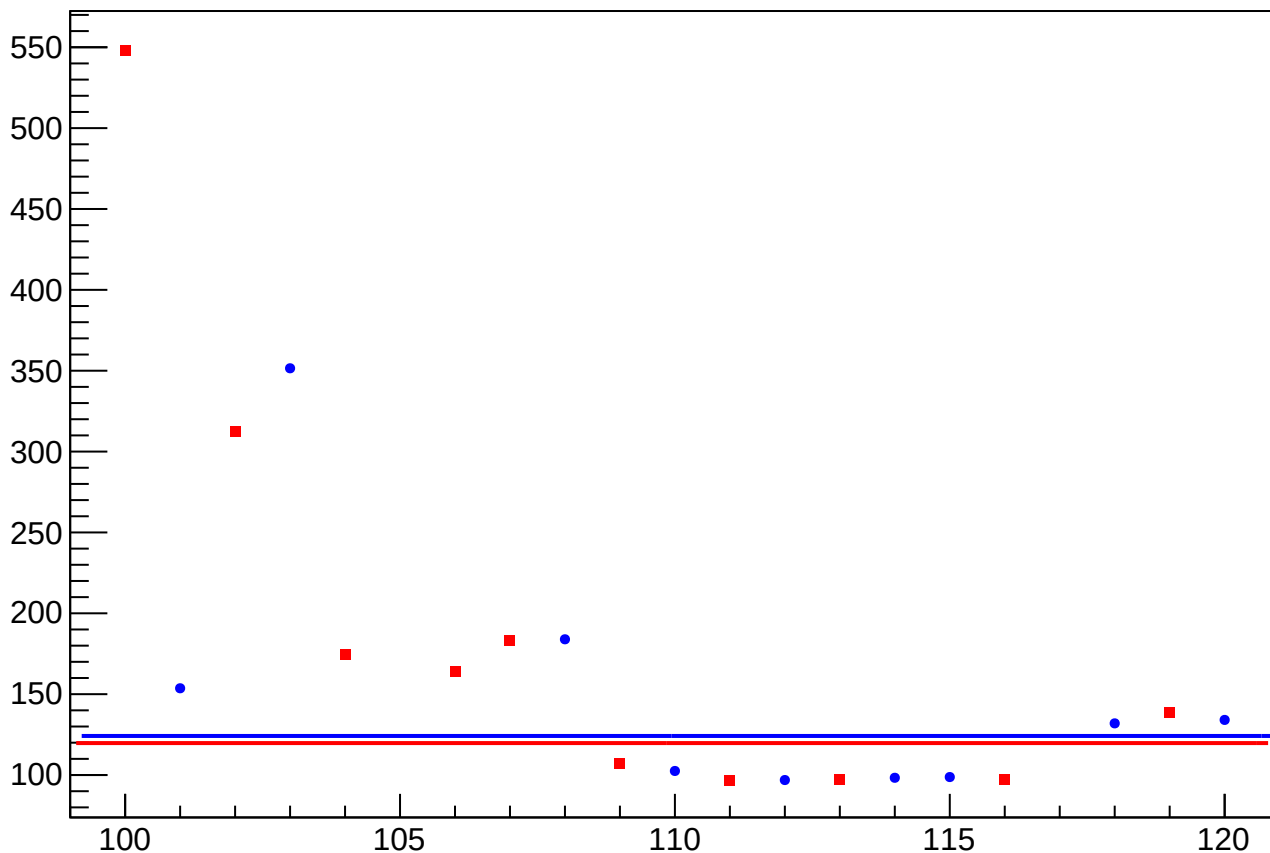
Right: 113.124+/-47.520 χ^2/NDF : 16.0/18

In: 57.203+/-69.727 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.124+/-47.520 χ^2/NDF : 16.0/18

cor_asym_sam3_rms vs Slug, Sign Corrected



Right In: 124.165+/-0.049 χ^2/NDF : 744930.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.762+/-0.046 χ^2/NDF : 874385.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

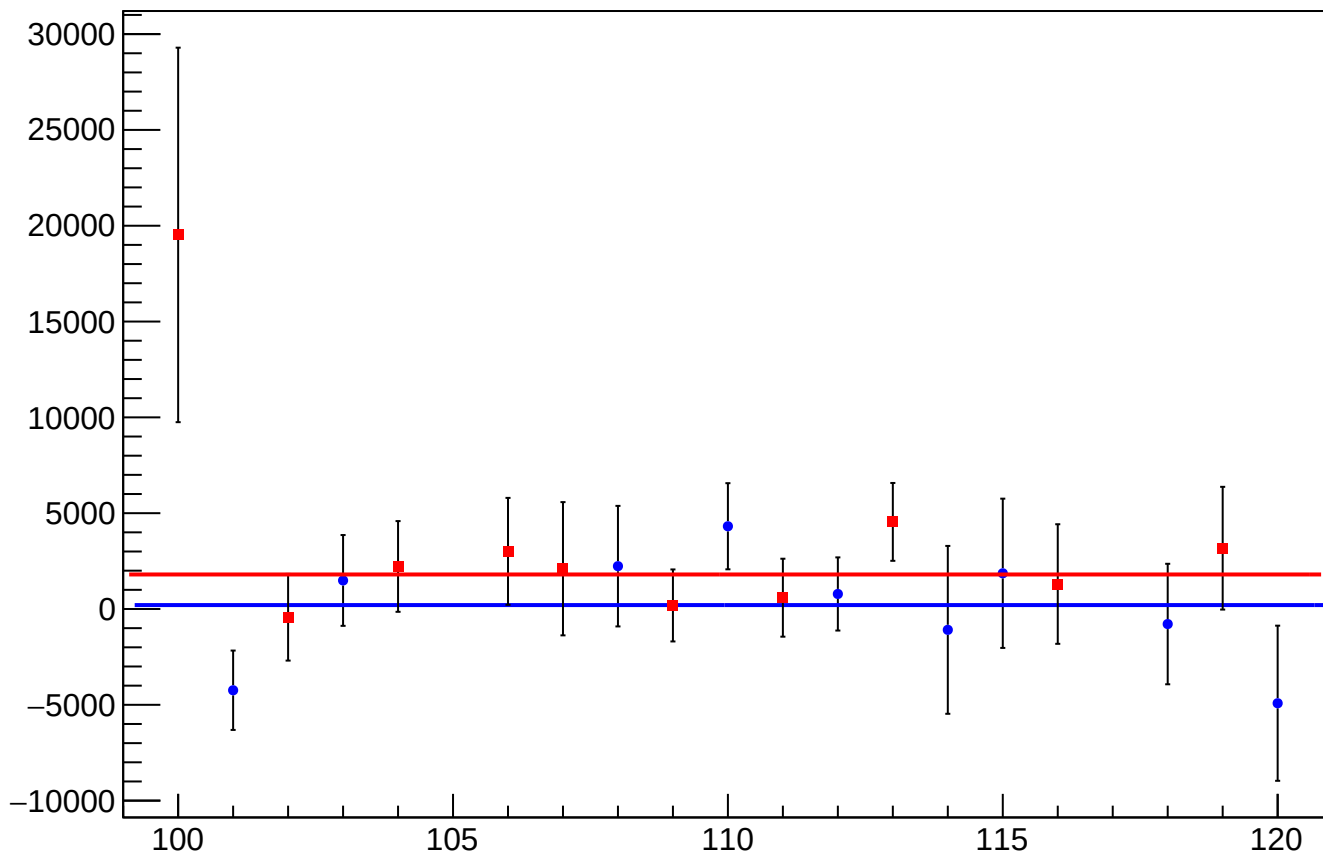
Right: 121.807+/-0.034 χ^2/NDF : 1623585.0/18

In: 124.165+/-0.049 χ^2/NDF : 744930.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.807+/-0.034 χ^2/NDF : 1623585.0/18

asym_sam3_cor_correction_mean vs Slug, Sign Corrected



Right In: 204.773+/-889.072 χ^2/NDF : 10.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1801.632+/-799.807 χ^2/NDF : 7.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

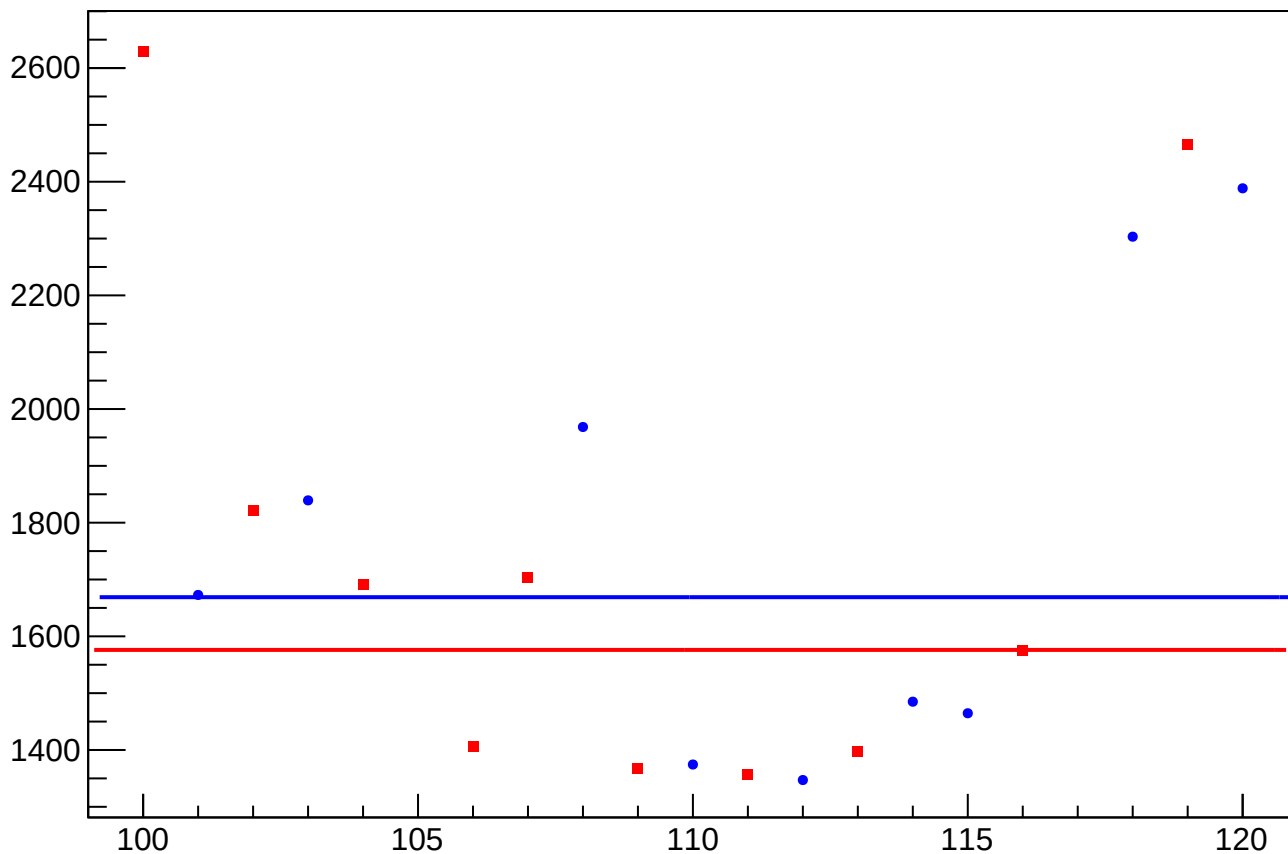
Right: 1087.368+/-594.611 χ^2/NDF : 20.1/18

In: 204.773+/-889.072 χ^2/NDF :10.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1087.368+/-594.611 χ^2/NDF : 20.1/18

asym_sam3_cor_correction_rms vs Slug, Sign Corrected



Right In: 1668.893+/-0.629 χ^2/NDF : 273306.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1576.098+/-0.566 χ^2/NDF : 278821.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

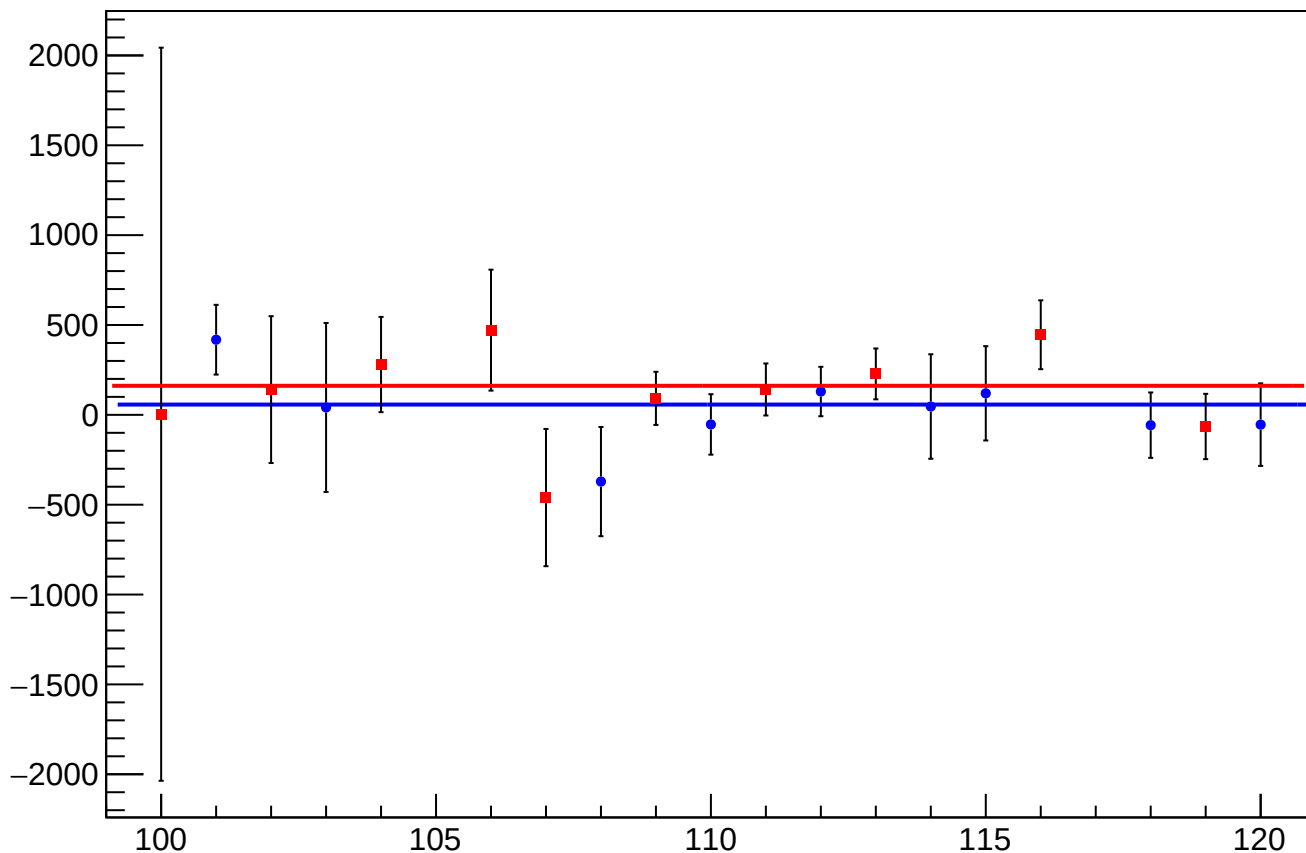
Right: 1617.605+/-0.420 χ^2/NDF : 564169.9/18

In: 1668.893+/-0.629 χ^2/NDF : 273306.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1617.605+/-0.420 χ^2/NDF : 564169.9/18

eigen_cor_asym_sam3_mean vs Slug, Sign Corrected



Right In: 57.203+/-69.727 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 161.621+/-64.935 χ^2/NDF : 7.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

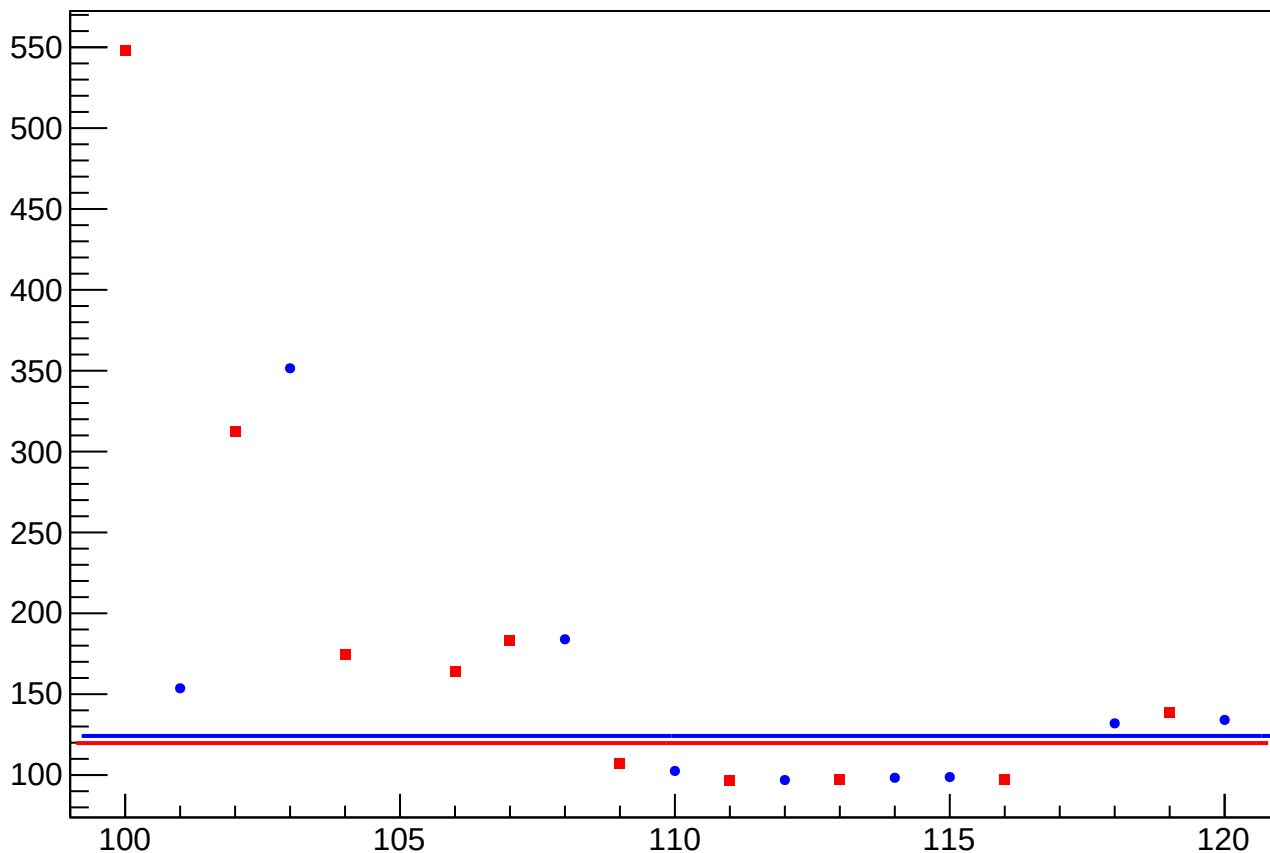
Right: 113.124+/-47.520 χ^2/NDF : 16.0/18

In: 57.203+/-69.727 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.124+/-47.520 χ^2/NDF : 16.0/18

eigen_cor_asym_sam3_rms vs Slug, Sign Corrected



Right In: 124.165+/-0.049 χ^2/NDF : 744930.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.762+/-0.046 χ^2/NDF : 874385.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

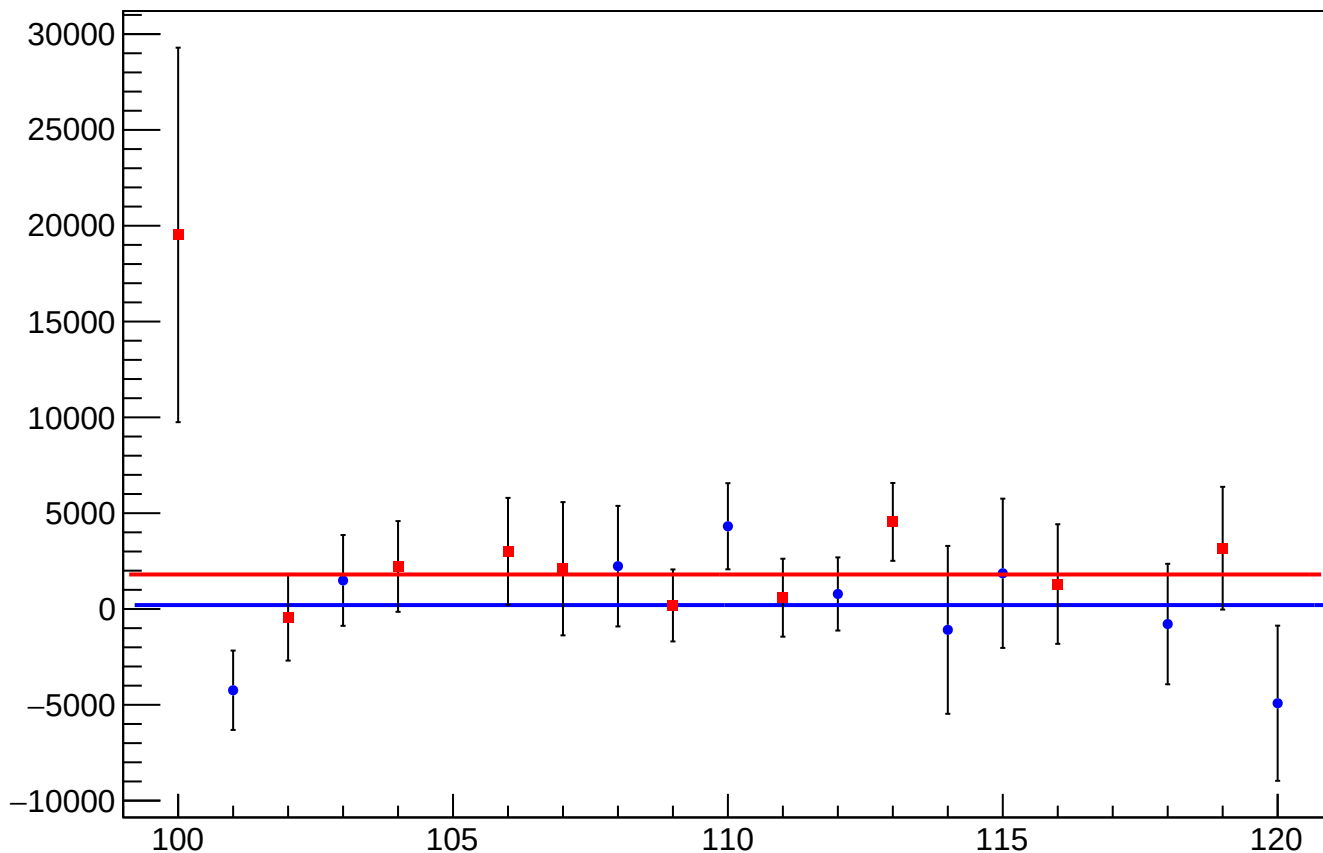
Right: 121.807+/-0.034 χ^2/NDF : 1623585.0/18

In: 124.165+/-0.049 χ^2/NDF : 744930.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.807+/-0.034 χ^2/NDF : 1623585.0/18

asym_sam3_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 204.773+/-889.072 χ^2/NDF : 10.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1801.632+/-799.807 χ^2/NDF : 7.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

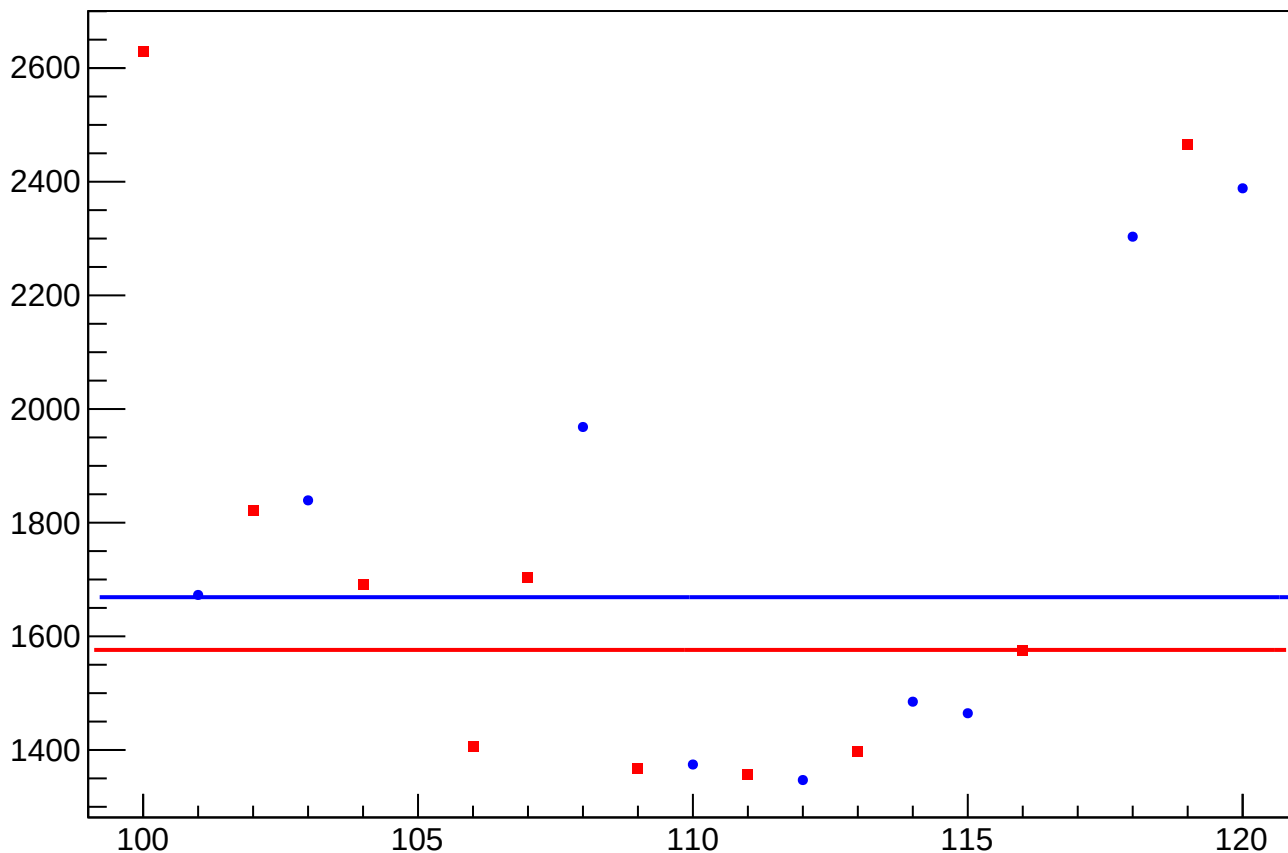
Right: 1087.368+/-594.611 χ^2/NDF : 20.1/18

In: 204.773+/-889.072 χ^2/NDF :10.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1087.368+/-594.611 χ^2/NDF : 20.1/18

asym_sam3_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1668.893+/-0.629 χ^2/NDF : 273306.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1576.098+/-0.566 χ^2/NDF : 278821.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

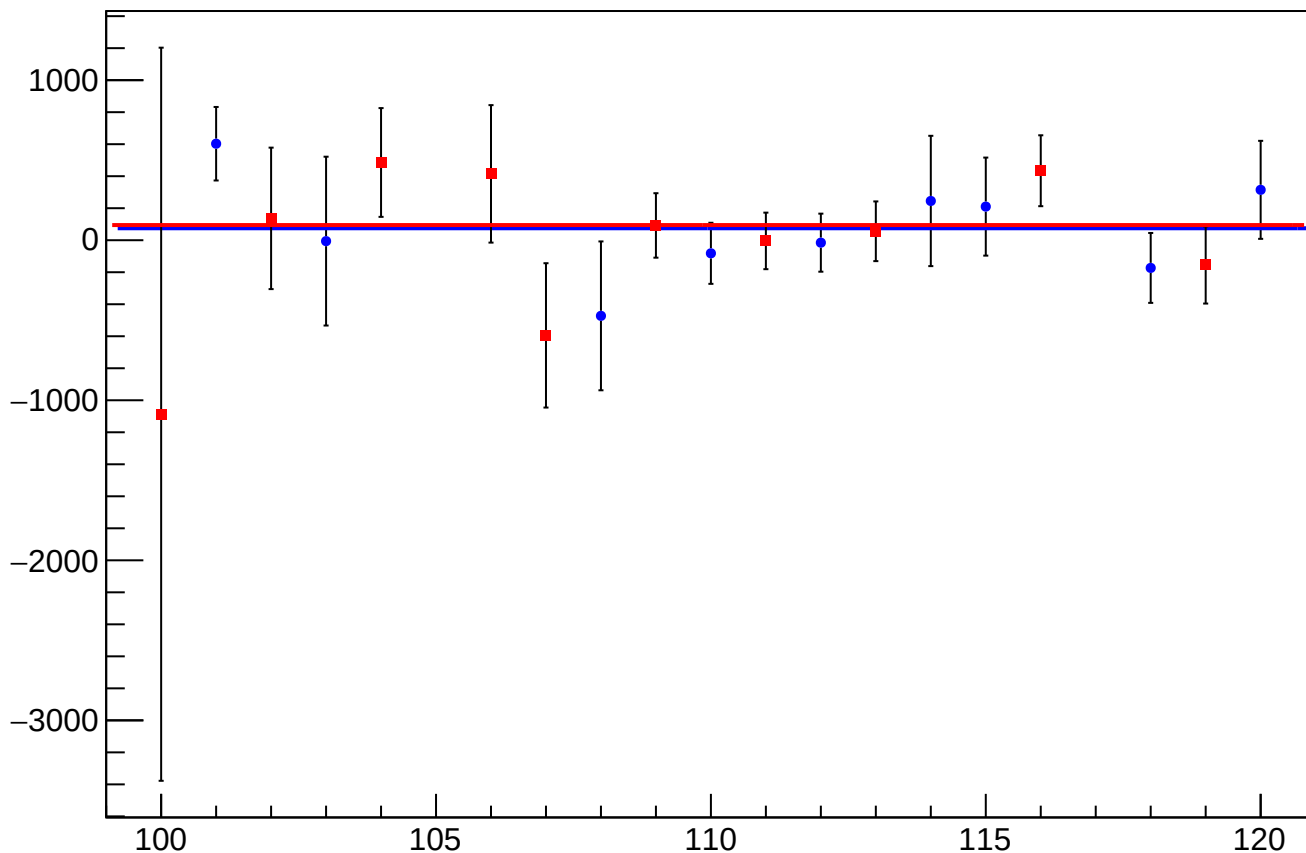
Right: 1617.605+/-0.420 χ^2/NDF : 564169.9/18

In: 1668.893+/-0.629 χ^2/NDF : 273306.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1617.605+/-0.420 χ^2/NDF : 564169.9/18

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 74.635+/-86.587 χ^2/NDF : 9.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.680+/-82.380 χ^2/NDF : 8.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

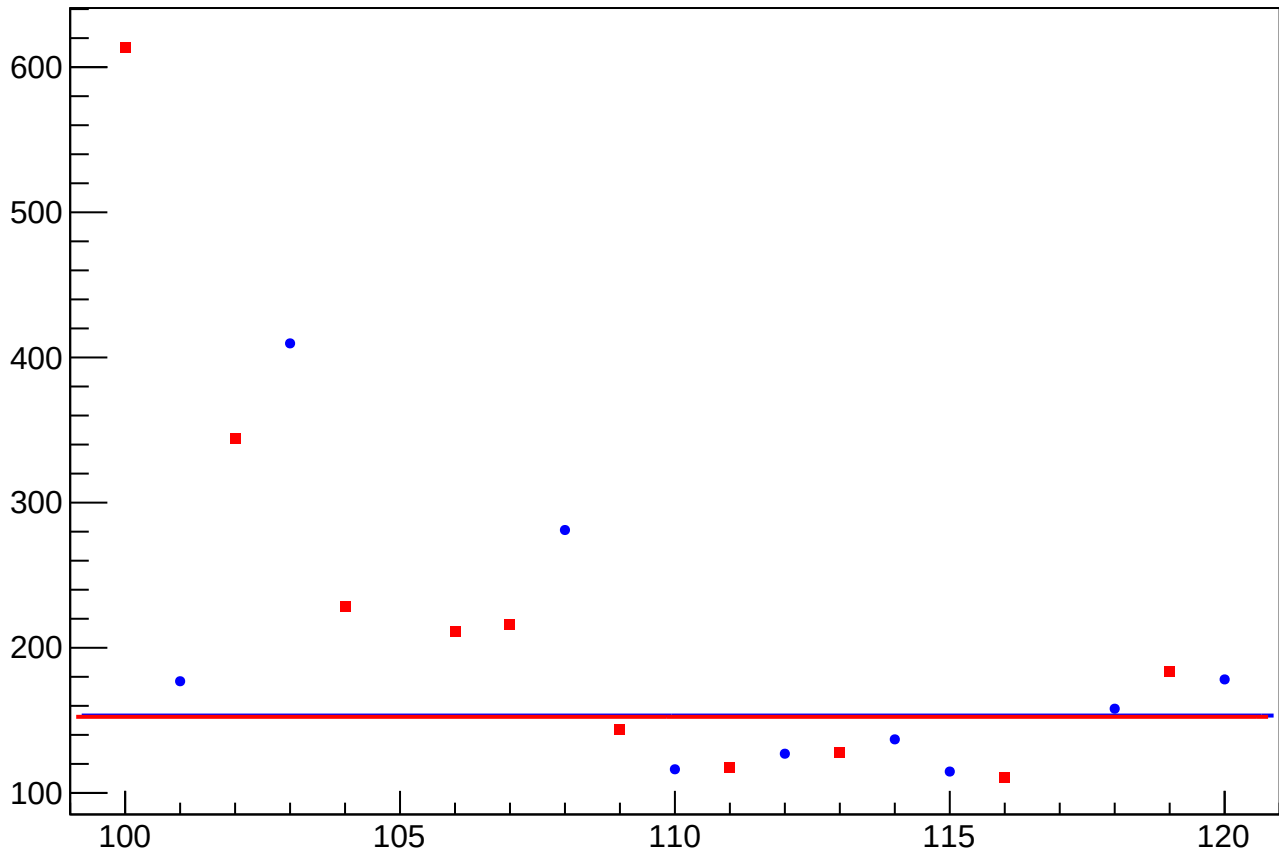
Right: 85.156+/-59.683 χ^2/NDF : 18.2/18

In: 74.635+/-86.587 χ^2/NDF : 9.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.156+/-59.683 χ^2/NDF : 18.2/18

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 153.310+/-0.061 χ^2/NDF : 811291.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.442+/-0.058 χ^2/NDF : 856934.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

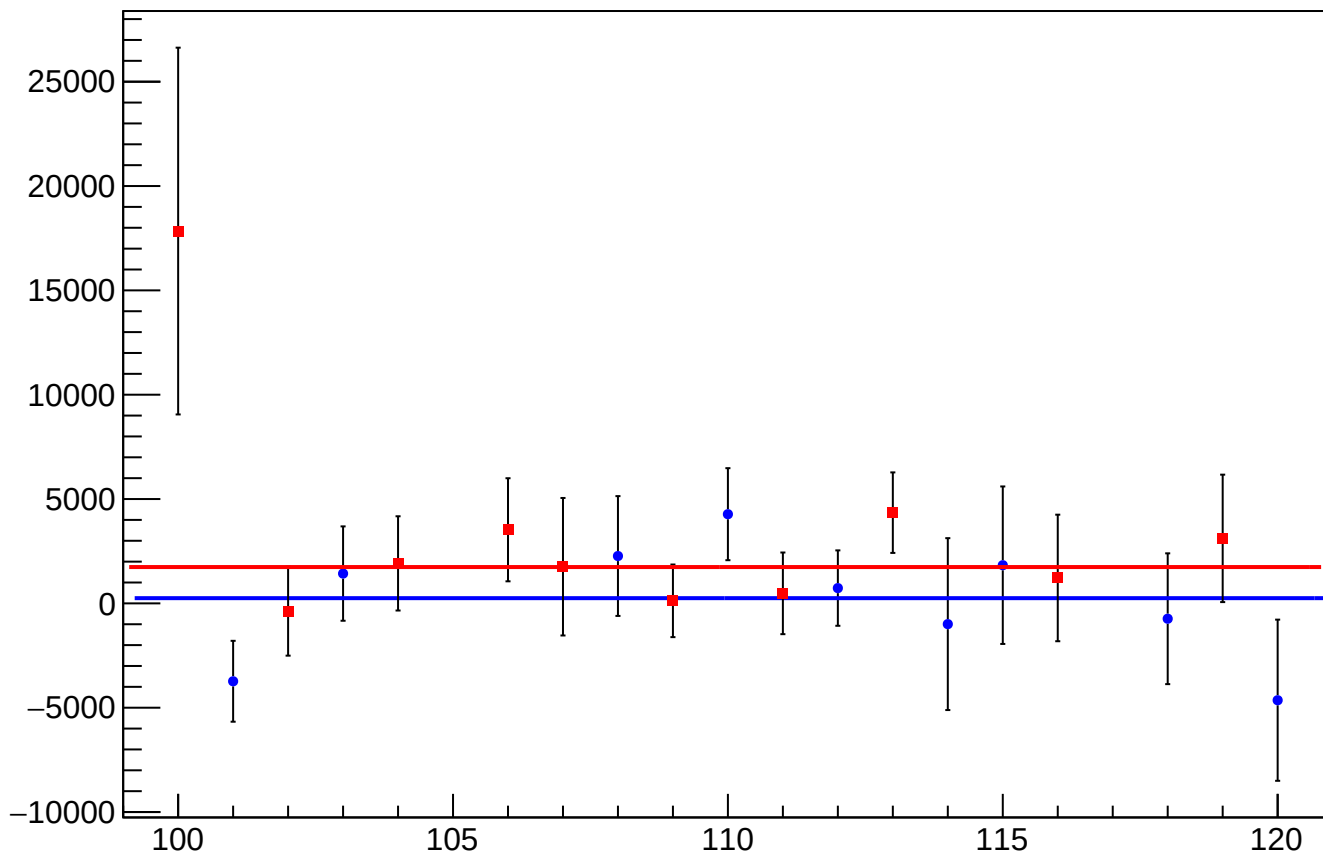
Right: 152.854+/-0.042 χ^2/NDF : 1668331.6/18

In: 153.310+/-0.061 χ^2/NDF : 811291.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.854+/-0.042 χ^2/NDF : 1668331.6/18

asym_sam3_dit_correction_mean vs Slug, Sign Corrected



Right In: 249.944+/-847.237 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1740.716+/-753.542 χ^2/NDF : 8.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

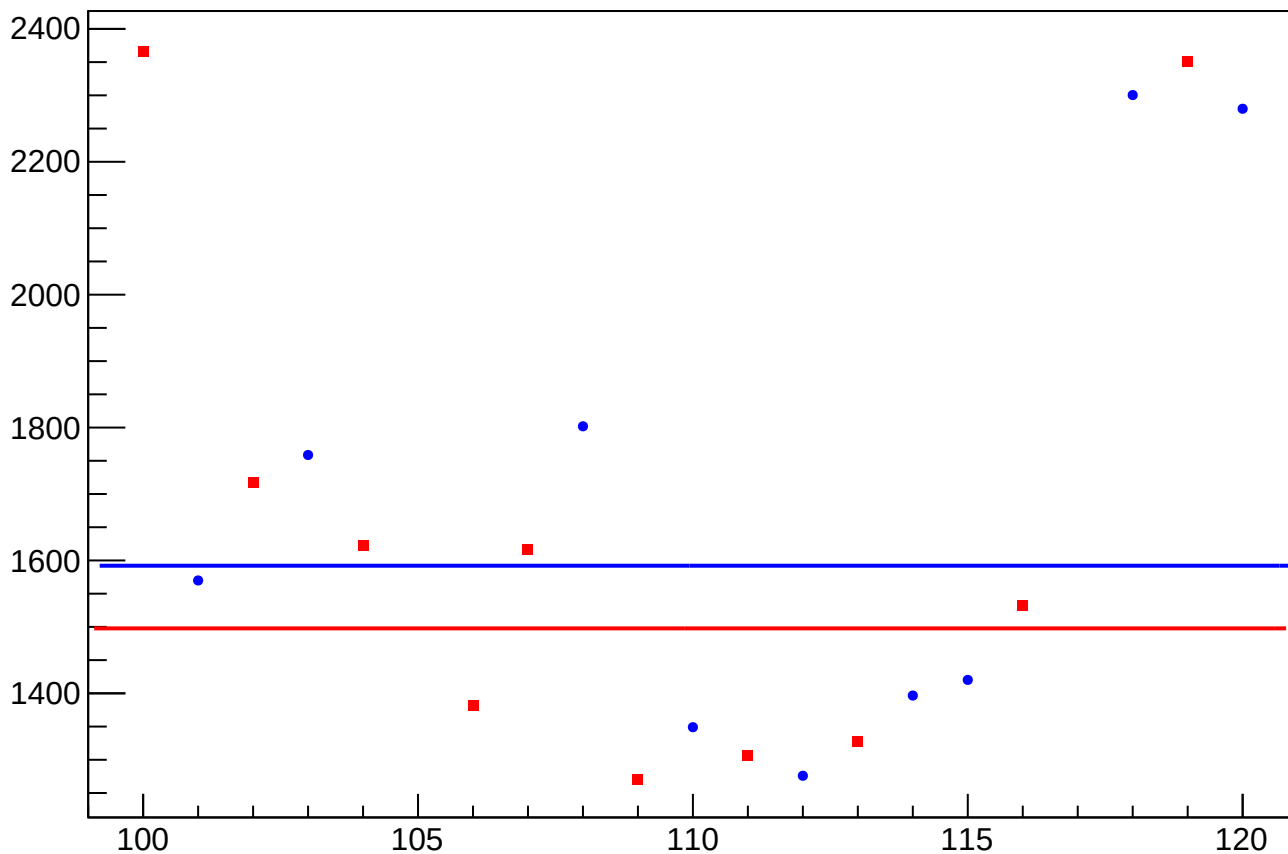
Right: 1082.288+/-563.058 χ^2/NDF : 20.3/18

In: 249.944+/-847.237 χ^2/NDF : 10.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1082.288+/-563.058 χ^2/NDF : 20.3/18

asym_sam3_dit_correction_rms vs Slug, Sign Corrected



Right In: 1592.082+/-0.599 χ^2/NDF : 281574.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1497.757+/-0.533 χ^2/NDF : 279180.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

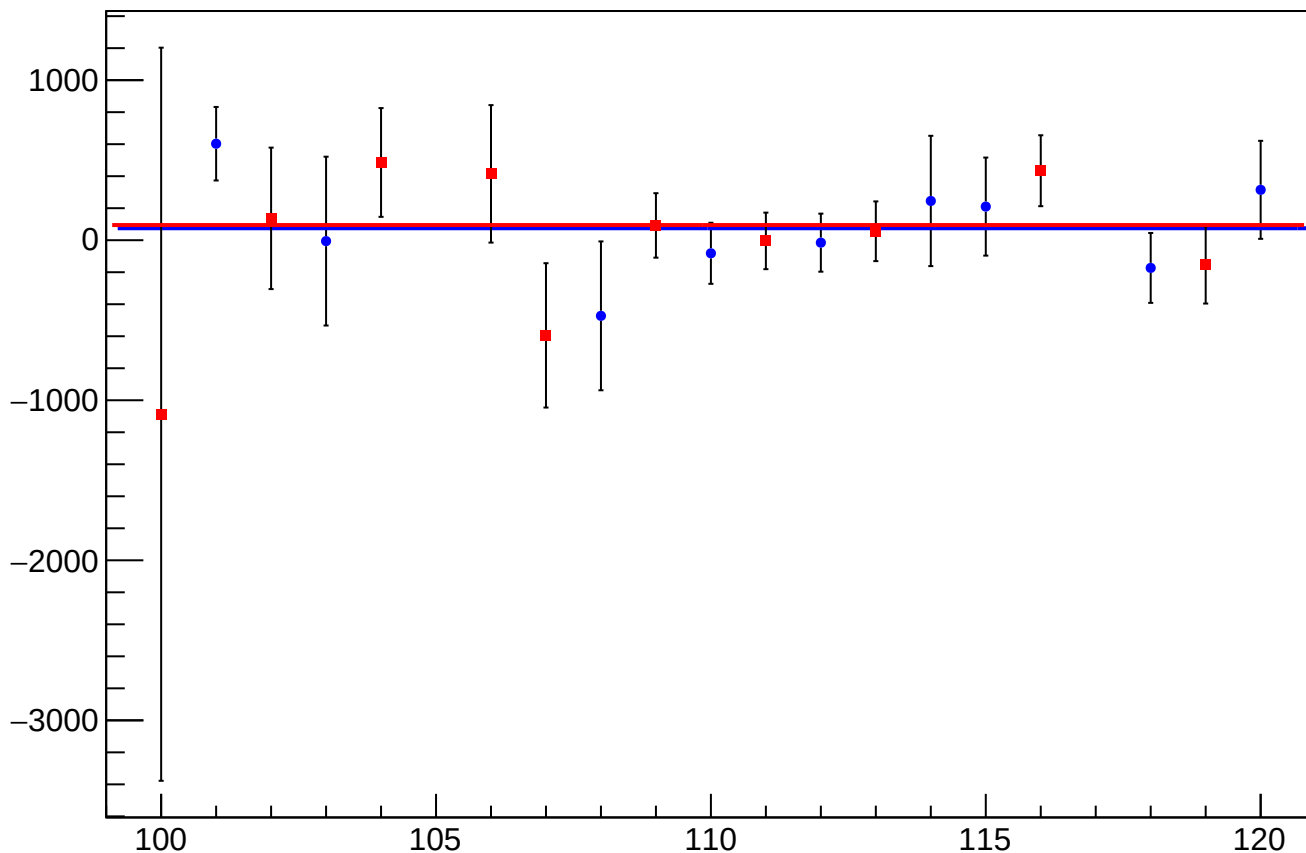
Right: 1539.417+/-0.398 χ^2/NDF : 574595.6/18

In: 1592.082+/-0.599 χ^2/NDF : 281574.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1539.417+/-0.398 χ^2/NDF : 574595.6/18

eigen_dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 74.632+/-86.587 χ^2/NDF : 9.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.679+/-82.380 χ^2/NDF : 8.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

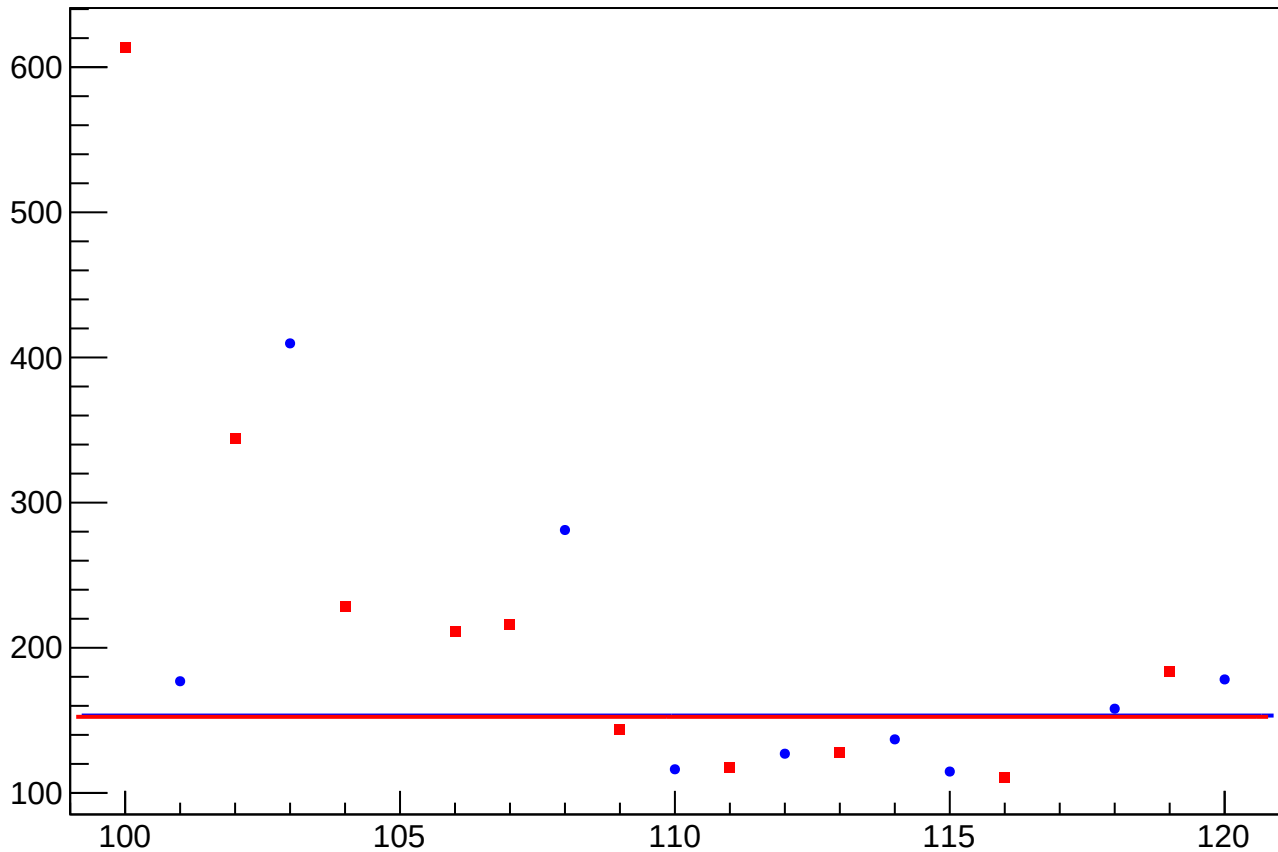
Right: 85.154+/-59.683 χ^2/NDF : 18.2/18

In: 74.632+/-86.587 χ^2/NDF : 9.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.154+/-59.683 χ^2/NDF : 18.2/18

eigen_dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 153.311+/-0.061 χ^2/NDF : 811288.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.442+/-0.058 χ^2/NDF : 856931.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

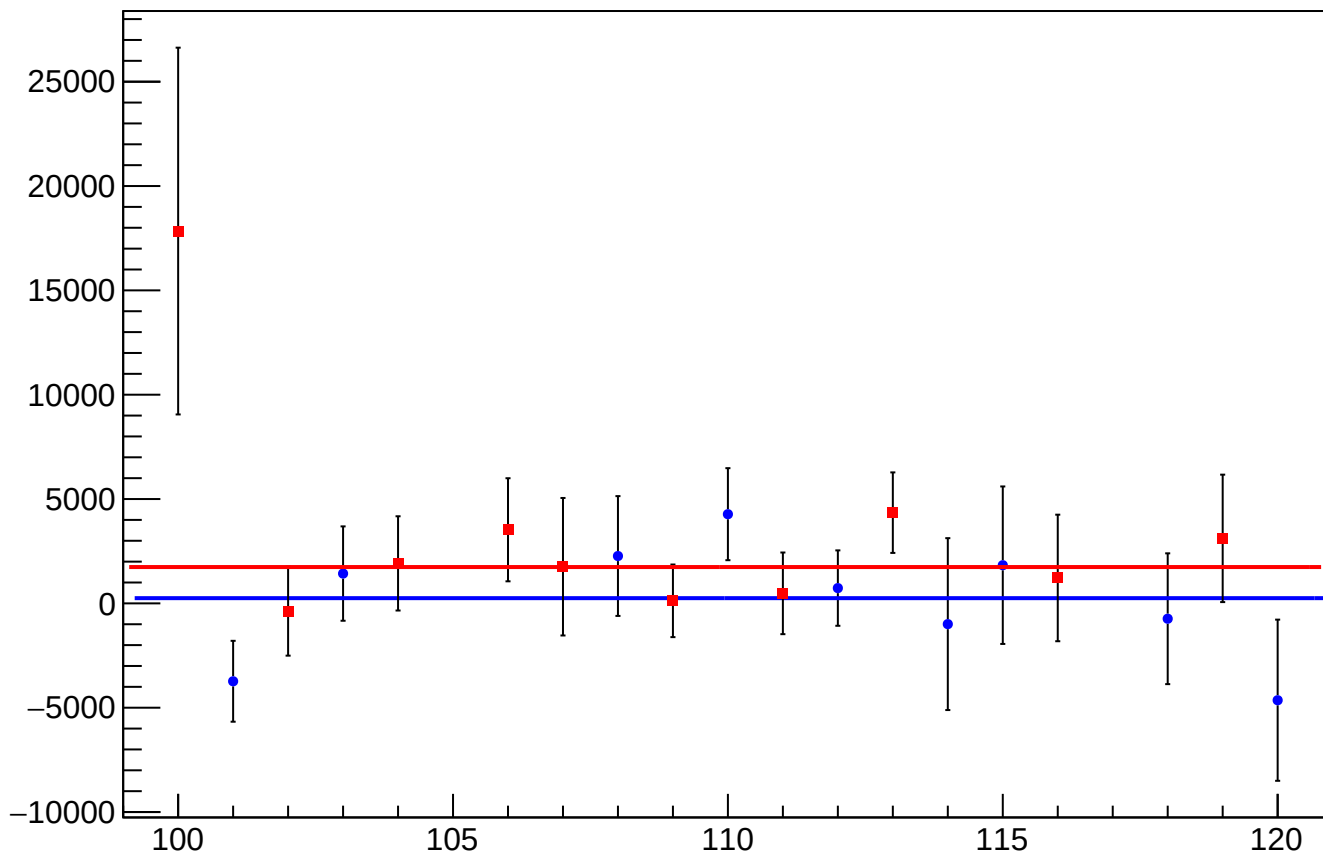
Right: 152.855+/-0.042 χ^2/NDF : 1668325.5/18

In: 153.311+/-0.061 χ^2/NDF : 811288.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.855+/-0.042 χ^2/NDF : 1668325.5/18

asym_sam3_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 249.944+/-847.236 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1740.712+/-753.541 χ^2/NDF : 8.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

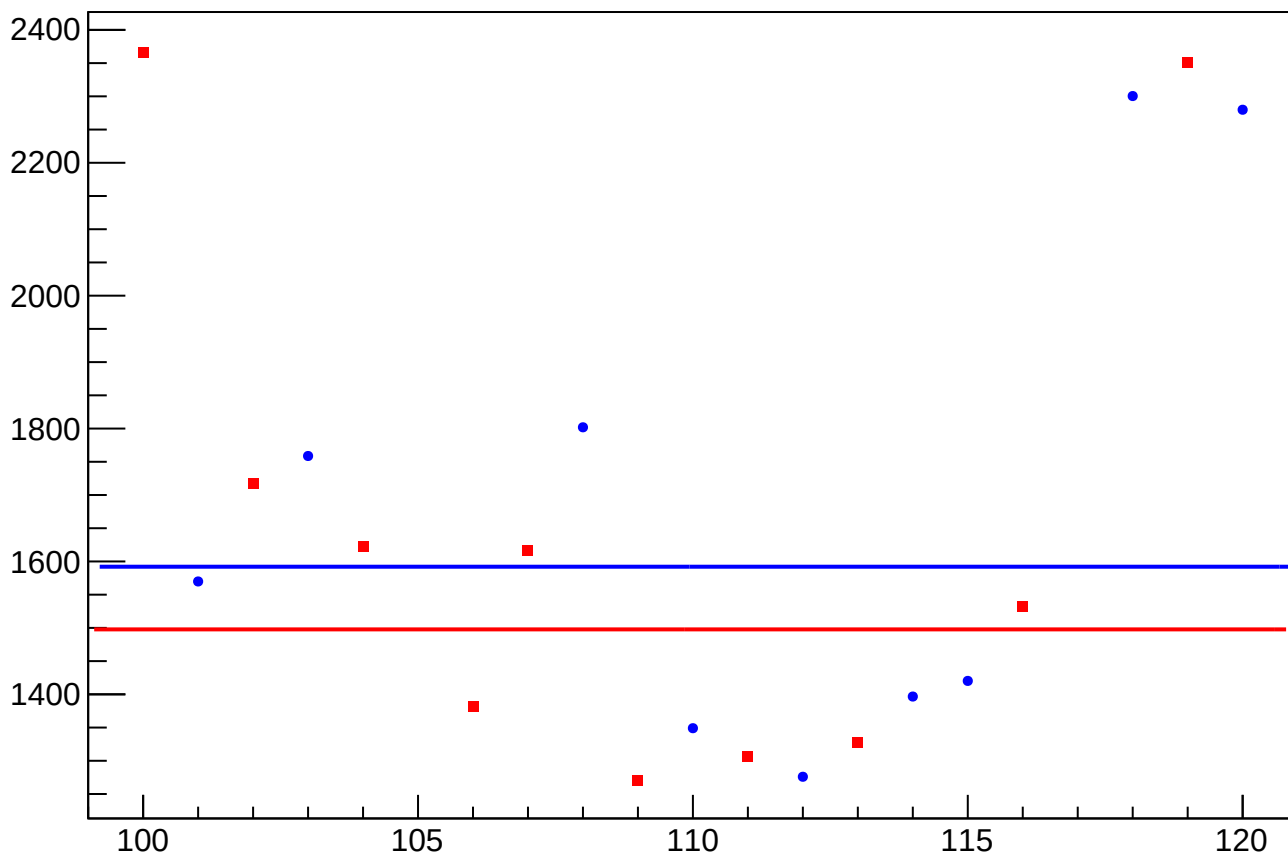
Right: 1082.286+/-563.057 χ^2/NDF : 20.3/18

In: 249.944+/-847.236 χ^2/NDF : 10.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1082.286+/-563.057 χ^2/NDF : 20.3/18

asym_sam3_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1592.079+/-0.599 χ^2/NDF : 281576.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1497.755+/-0.533 χ^2/NDF : 279180.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

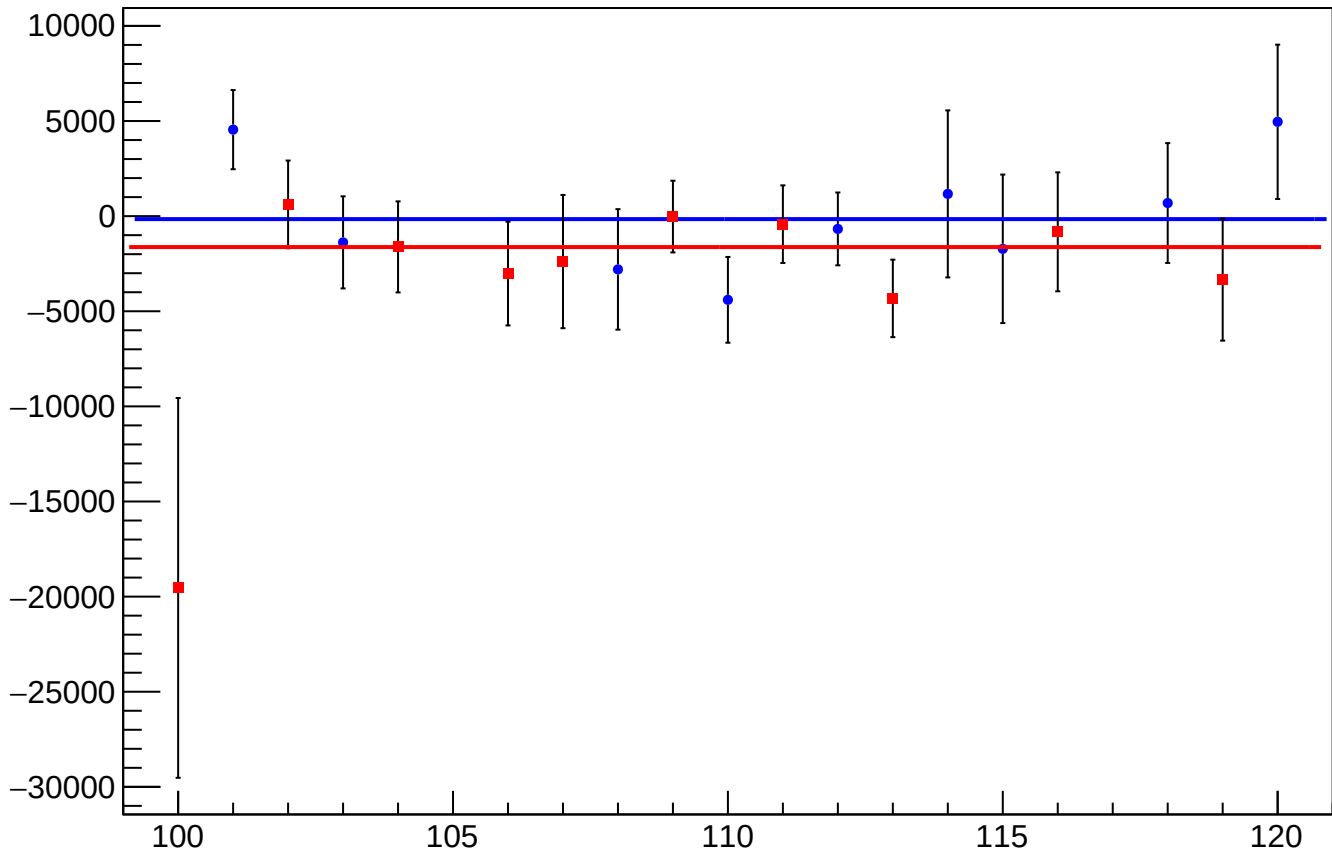
Right: 1539.415+/-0.398 χ^2/NDF : 574597.9/18

In: 1592.079+/-0.599 χ^2/NDF : 281576.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1539.415+/-0.398 χ^2/NDF : 574597.9/18

asym_sam3_mean vs Slug, Sign Corrected



Right In: -155.919+/-894.388 χ^2/NDF : 11.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1625.489+/-802.751 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

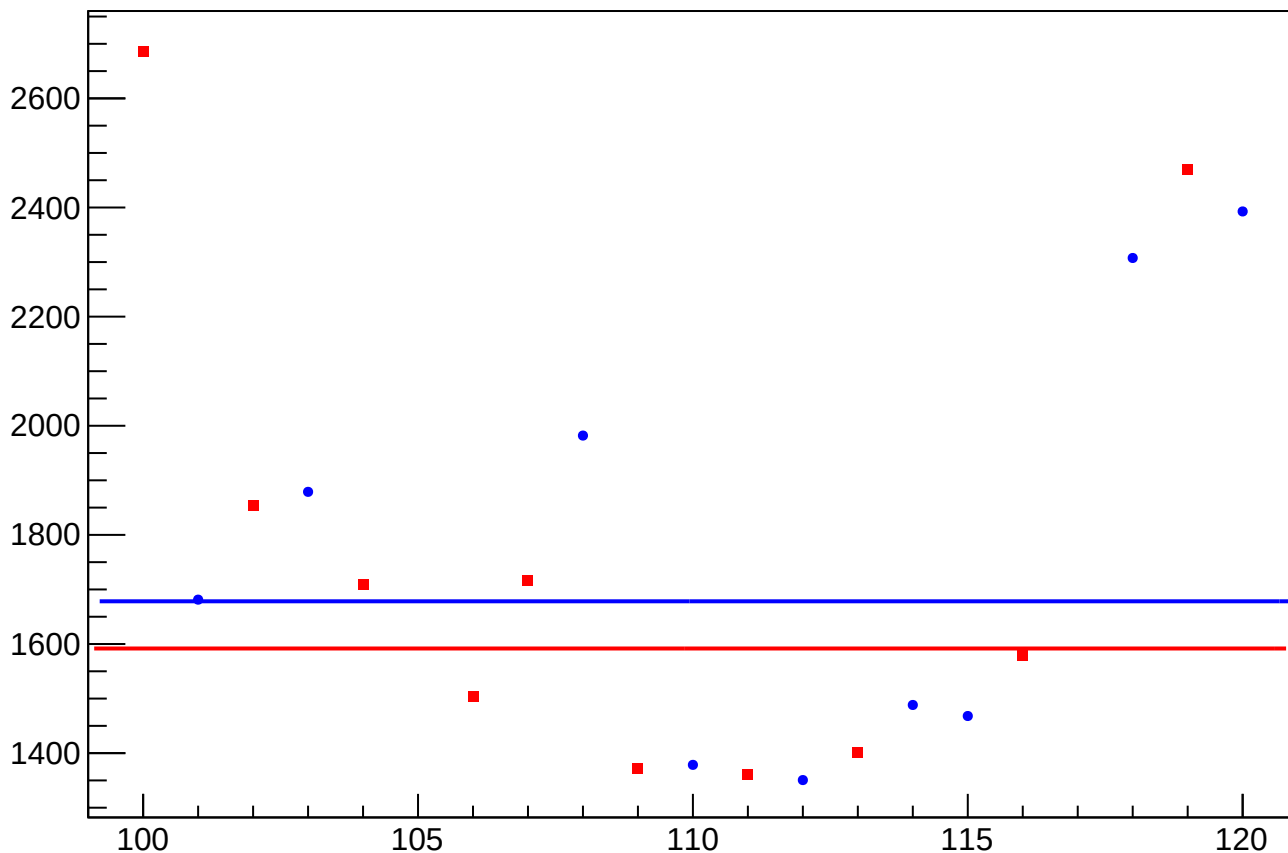
Right: -969.822+/-597.410 χ^2/NDF : 20.7/18

In: -155.919+/-894.388 χ^2/NDF : 11.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -969.822+/-597.410 χ^2/NDF : 20.7/18

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1678.285+/-0.632 χ^2/NDF : 277565.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1591.782+/-0.568 χ^2/NDF : 279543.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

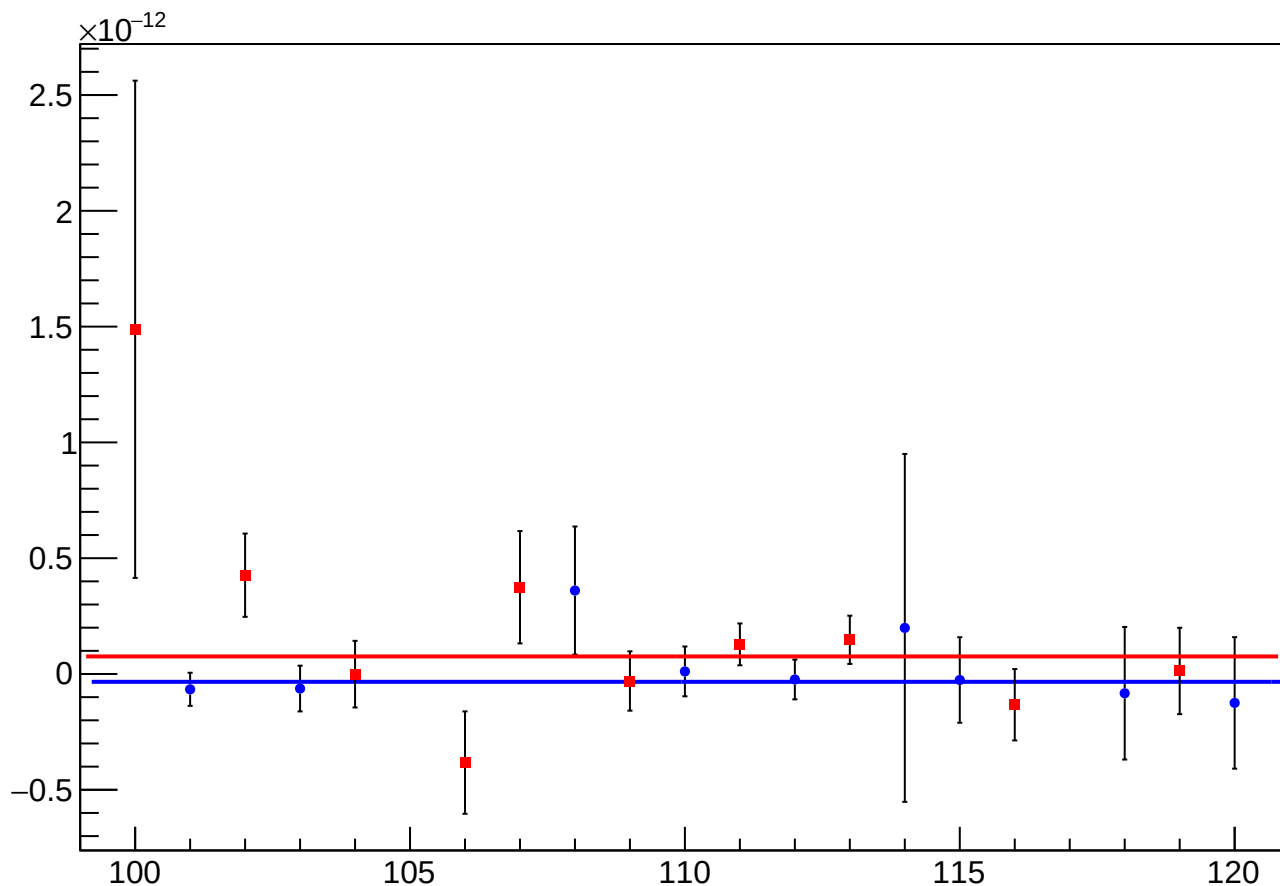
Right: 1630.376+/-0.422 χ^2/NDF : 567470.6/18

In: 1678.285+/-0.632 χ^2/NDF : 277565.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1630.376+/-0.422 χ^2/NDF : 567470.6/18

asym_sam3_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

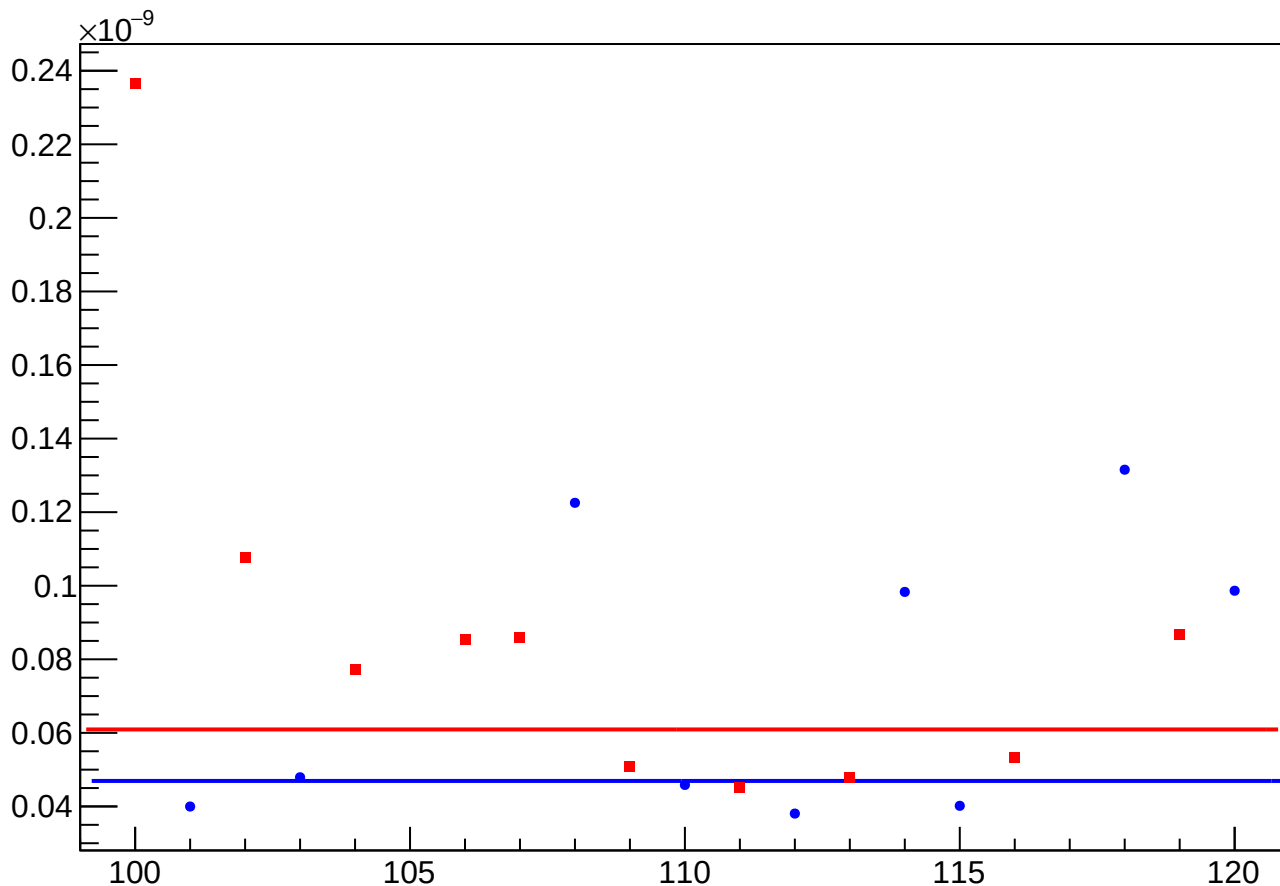
Right: 0.000+/-0.000 χ^2/NDF : 20.9/18

In: -0.000+/-0.000 χ^2/NDF : 2.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.9/18

asym_sam3_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 443289.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 407674.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

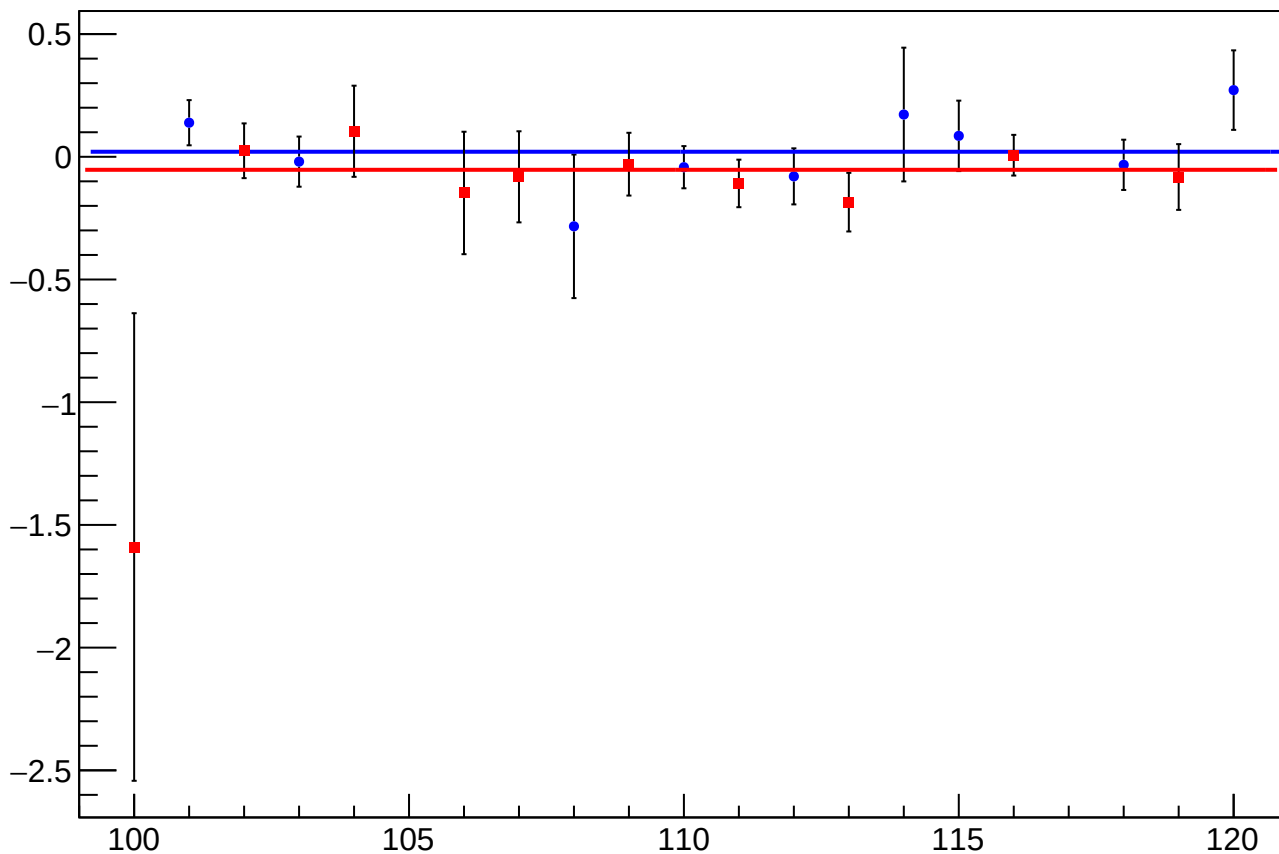
Right: 0.000+/-0.000 χ^2/NDF : 952691.2/18

In: 0.000+/-0.000 χ^2/NDF : 443289.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 952691.2/18

asym_sam3_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.040 χ^2/NDF : 7.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.053+/-0.041 χ^2/NDF : 6.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

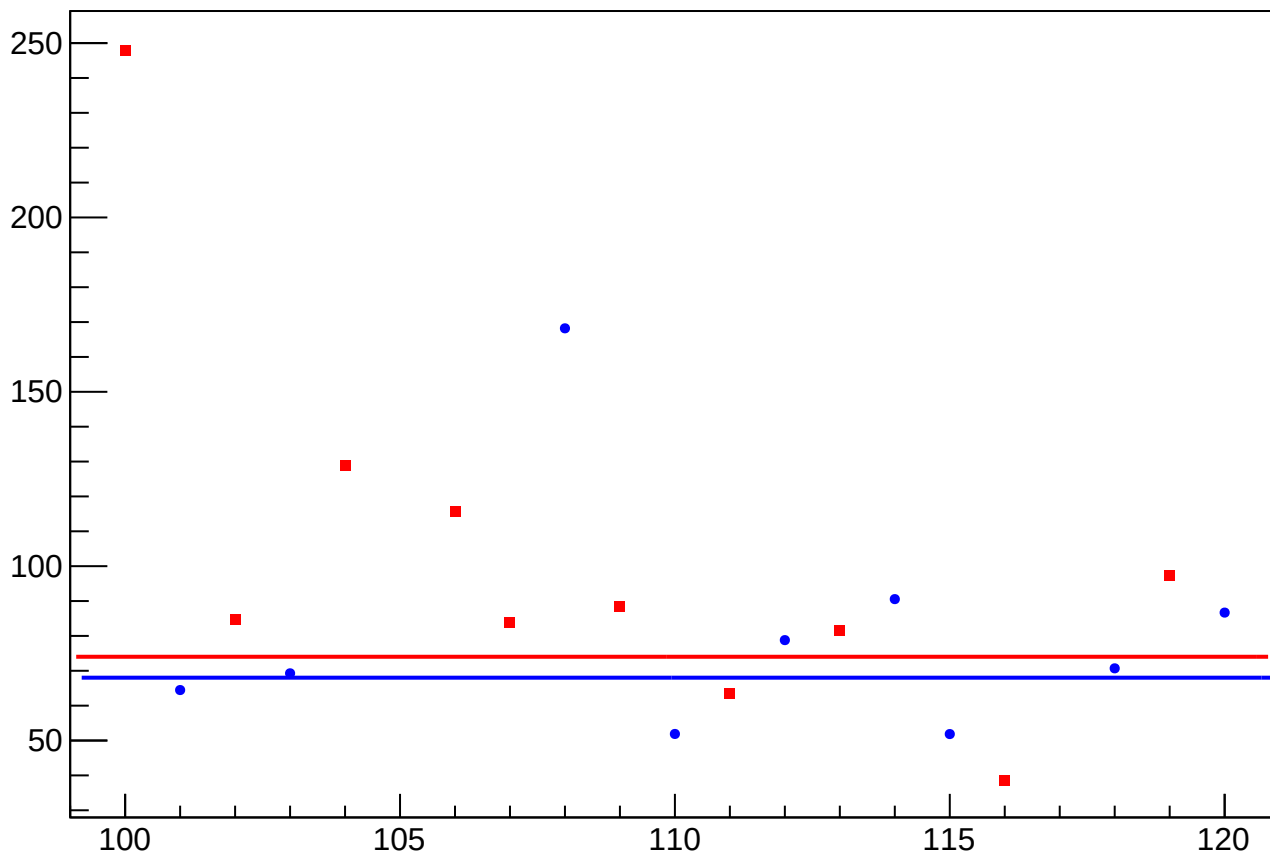
Right: -0.015+/-0.029 χ^2/NDF : 15.2/18

In: 0.021+/-0.040 χ^2/NDF : 7.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.015+/-0.029 χ^2/NDF : 15.2/18

asym_sam3_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 68.022+/-0.028 χ^2/NDF : 393171.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.023+/-0.029 χ^2/NDF : 805913.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

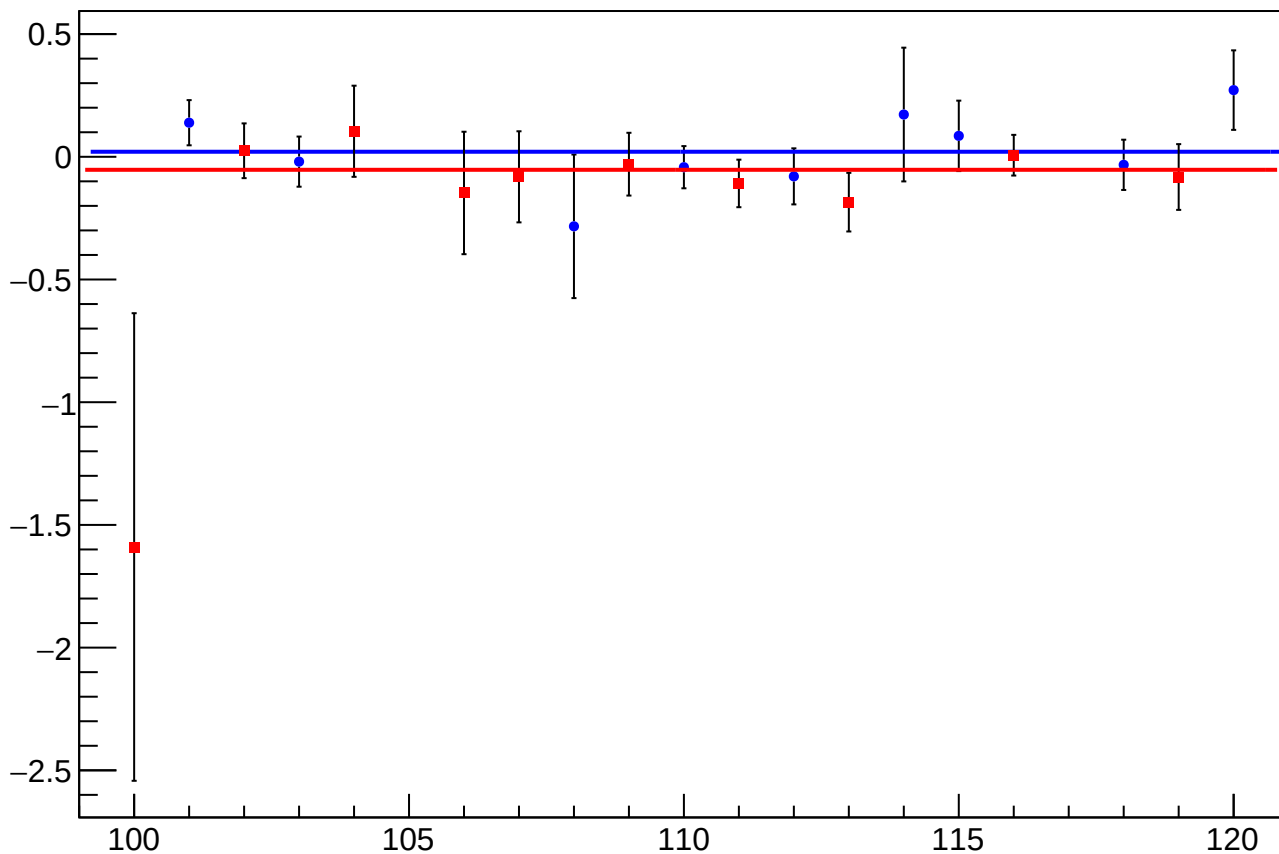
Right: 70.929+/-0.020 χ^2/NDF : 1221162.5/18

In: 68.022+/-0.028 χ^2/NDF : 393171.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.929+/-0.020 χ^2/NDF : 1221162.5/18

asym_sam3_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021 $\pm$ 0.040 χ^2 /NDF: 7.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.053 $\pm$ 0.041 χ^2 /NDF: 6.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

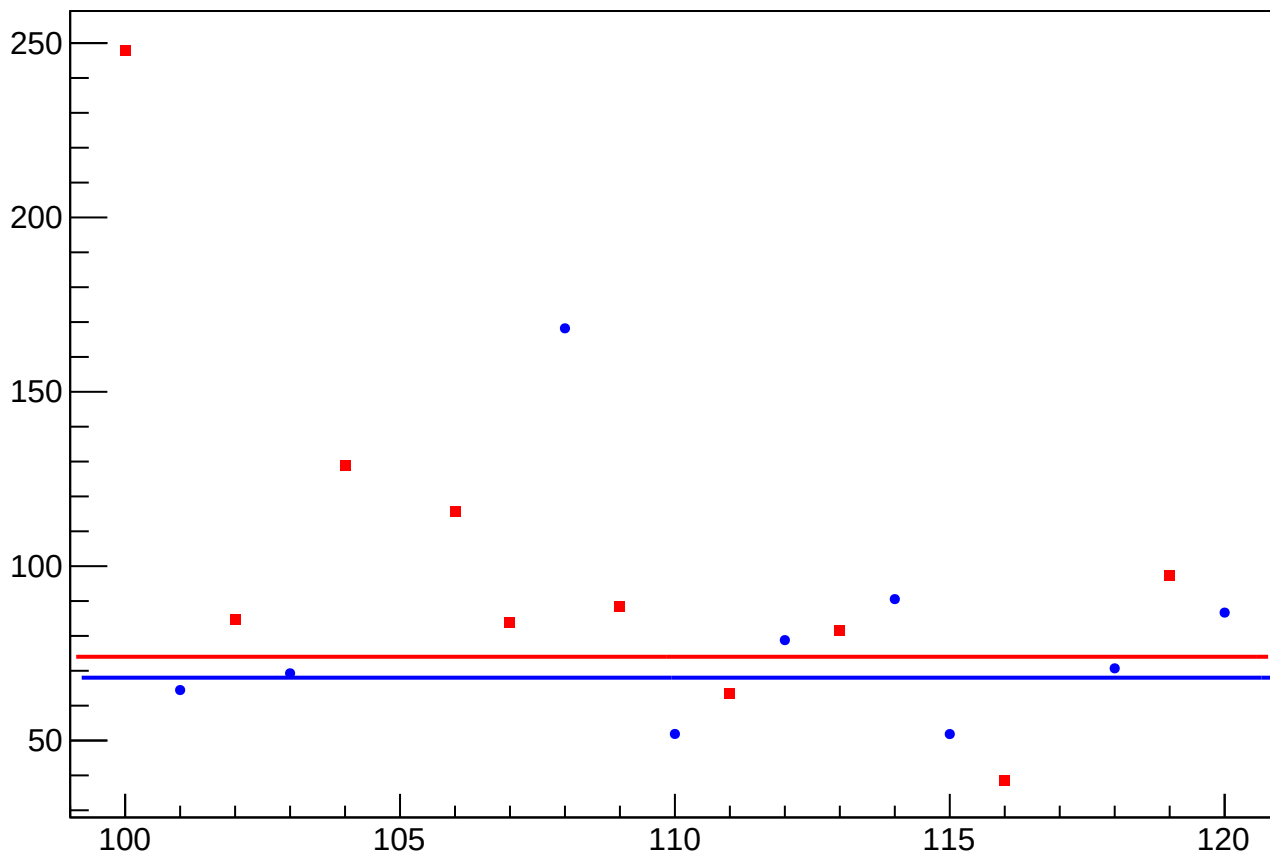
Right: -0.015 $\pm$ 0.029 χ^2 /NDF: 15.2/18

In: 0.021 $\pm$ 0.040 χ^2 /NDF:7.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.015 $\pm$ 0.029 χ^2 /NDF: 15.2/18

asym_sam3_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 68.022+/-0.028 χ^2/NDF : 393171.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.023+/-0.029 χ^2/NDF : 805913.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

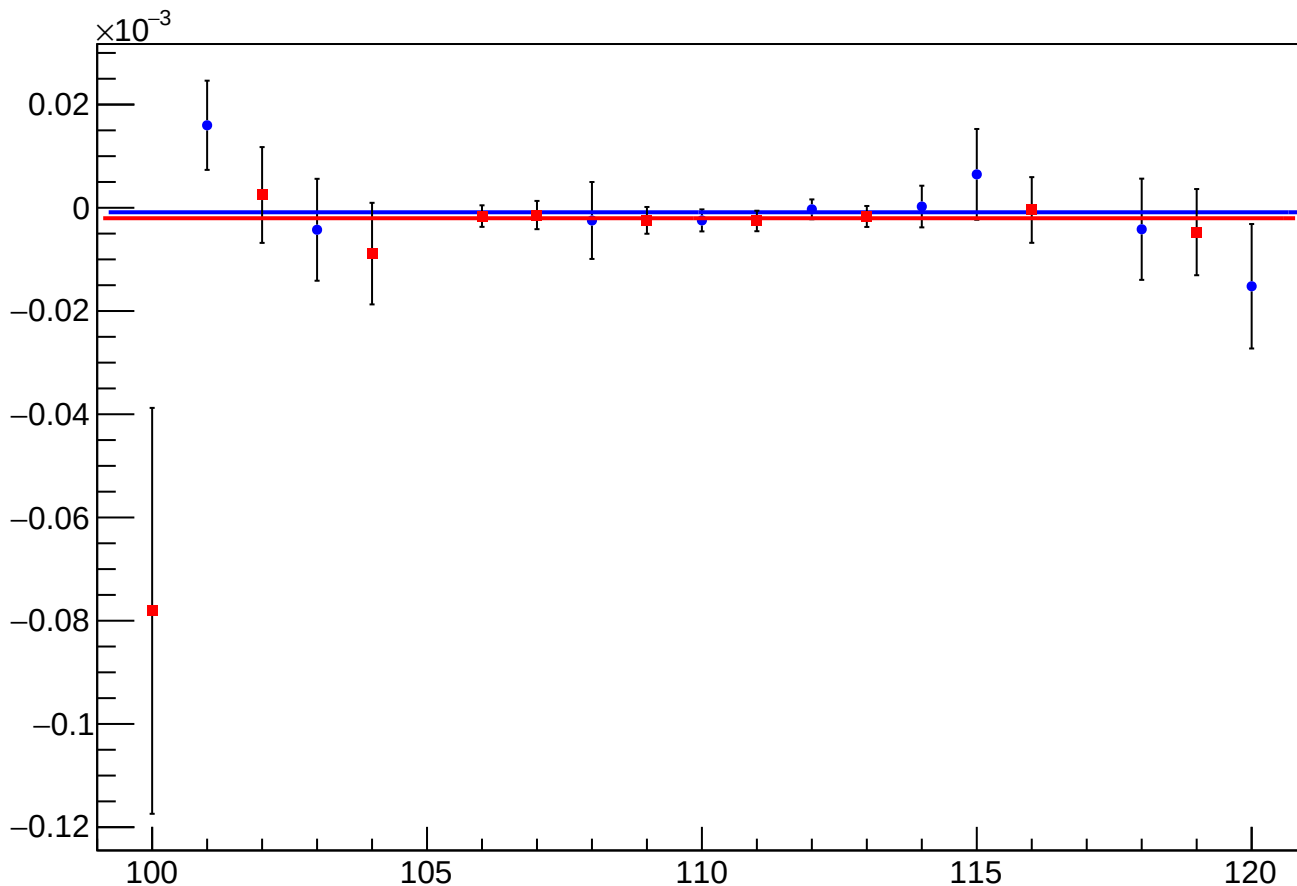
Right: 70.929+/-0.020 χ^2/NDF : 1221162.5/18

In: 68.022+/-0.028 χ^2/NDF : 393171.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.929+/-0.020 χ^2/NDF : 1221162.5/18

asym_sam3_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 6.9/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 4.8/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

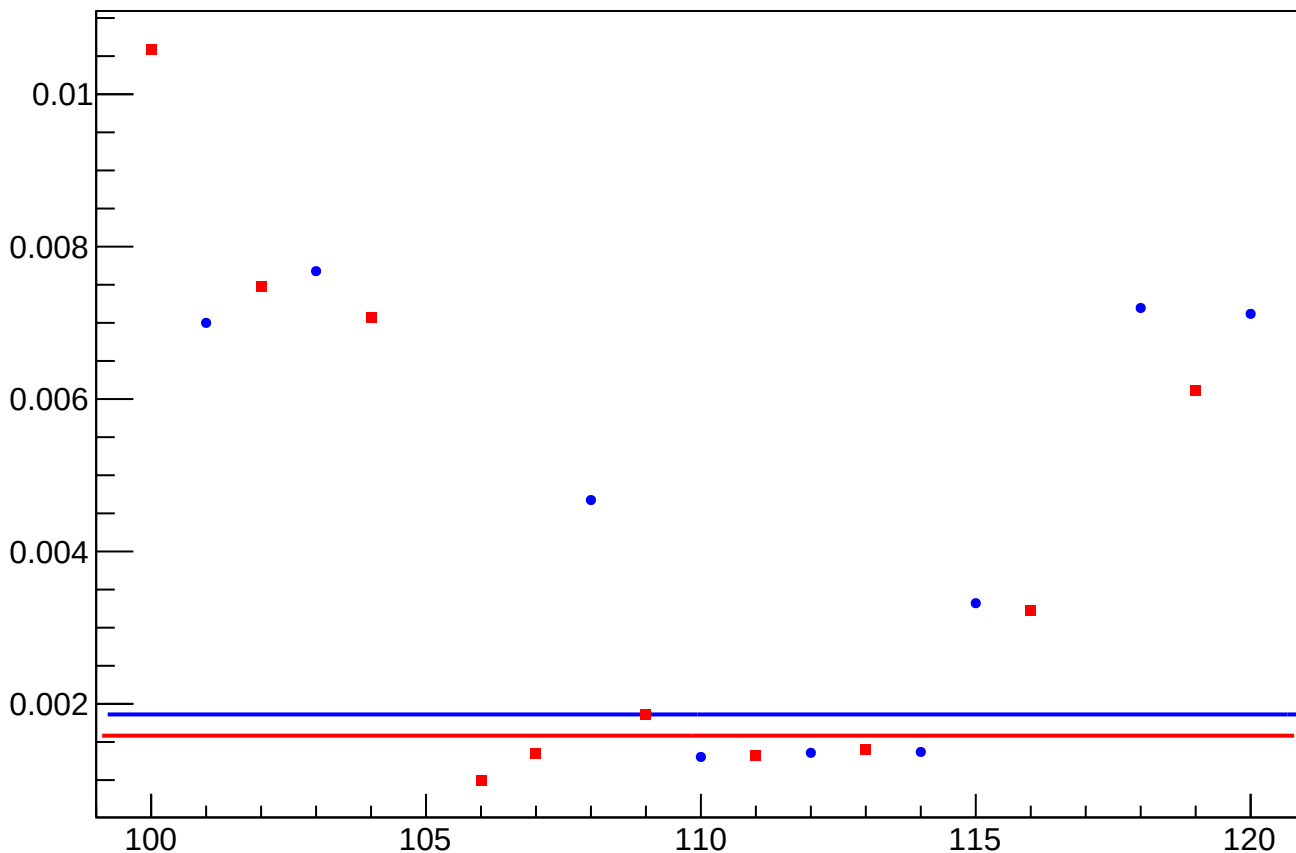
Right: -0.000+/-0.000 χ^2 /NDF: 12.3/18

In: -0.000+/-0.000 χ^2 /NDF:6.9/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 12.3/18

asym_sam3_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 3017957.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2501534.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

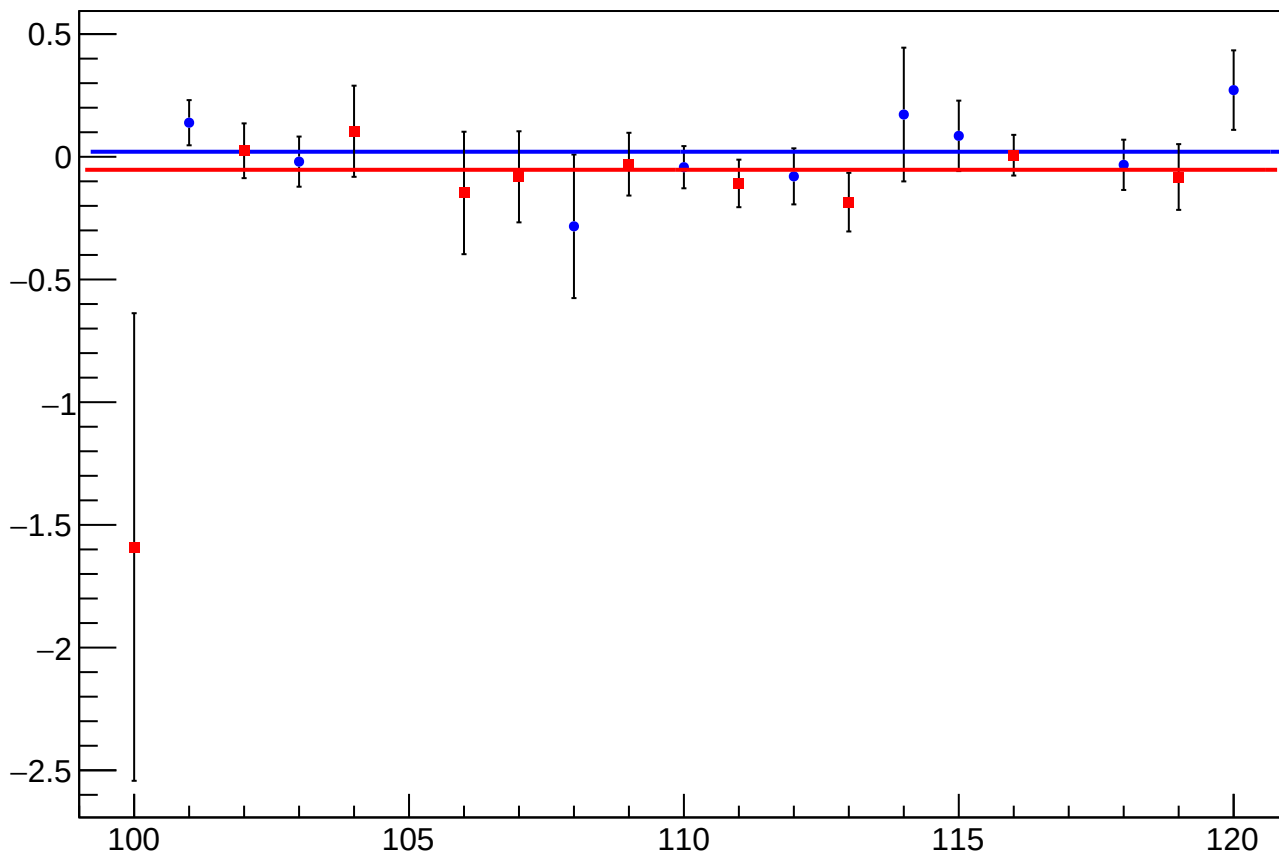
Right: 0.002+/-0.000 χ^2/NDF : 5580756.1/18

In: 0.002+/-0.000 χ^2/NDF : 3017957.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5580756.1/18

asym_sam3_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021 $\pm$ 0.040 χ^2 /NDF: 7.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.053 $\pm$ 0.041 χ^2 /NDF: 6.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

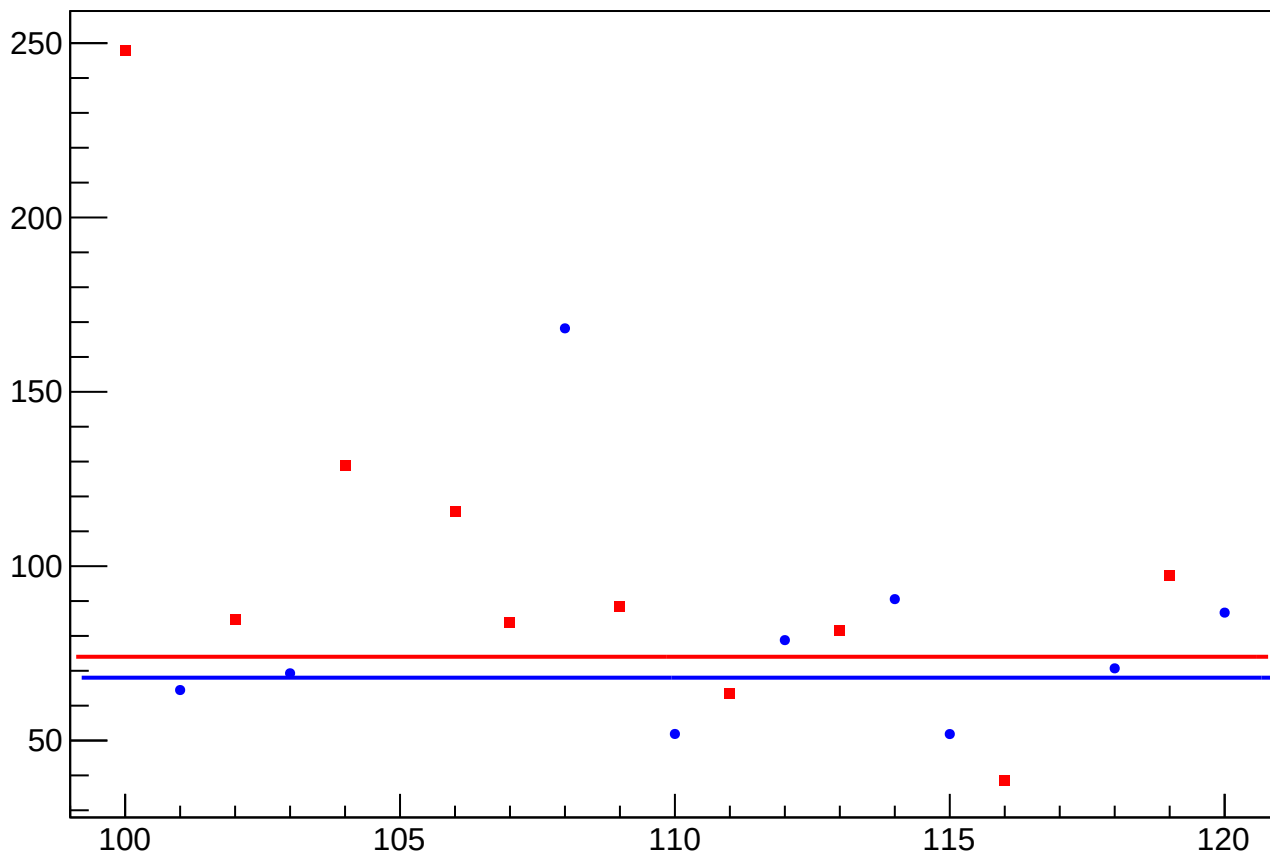
Right: -0.015 $\pm$ 0.029 χ^2 /NDF: 15.2/18

In: 0.021 $\pm$ 0.040 χ^2 /NDF:7.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.015 $\pm$ 0.029 χ^2 /NDF: 15.2/18

asym_sam3_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 68.025+/-0.028 χ^2/NDF : 393143.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.024+/-0.029 χ^2/NDF : 805911.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

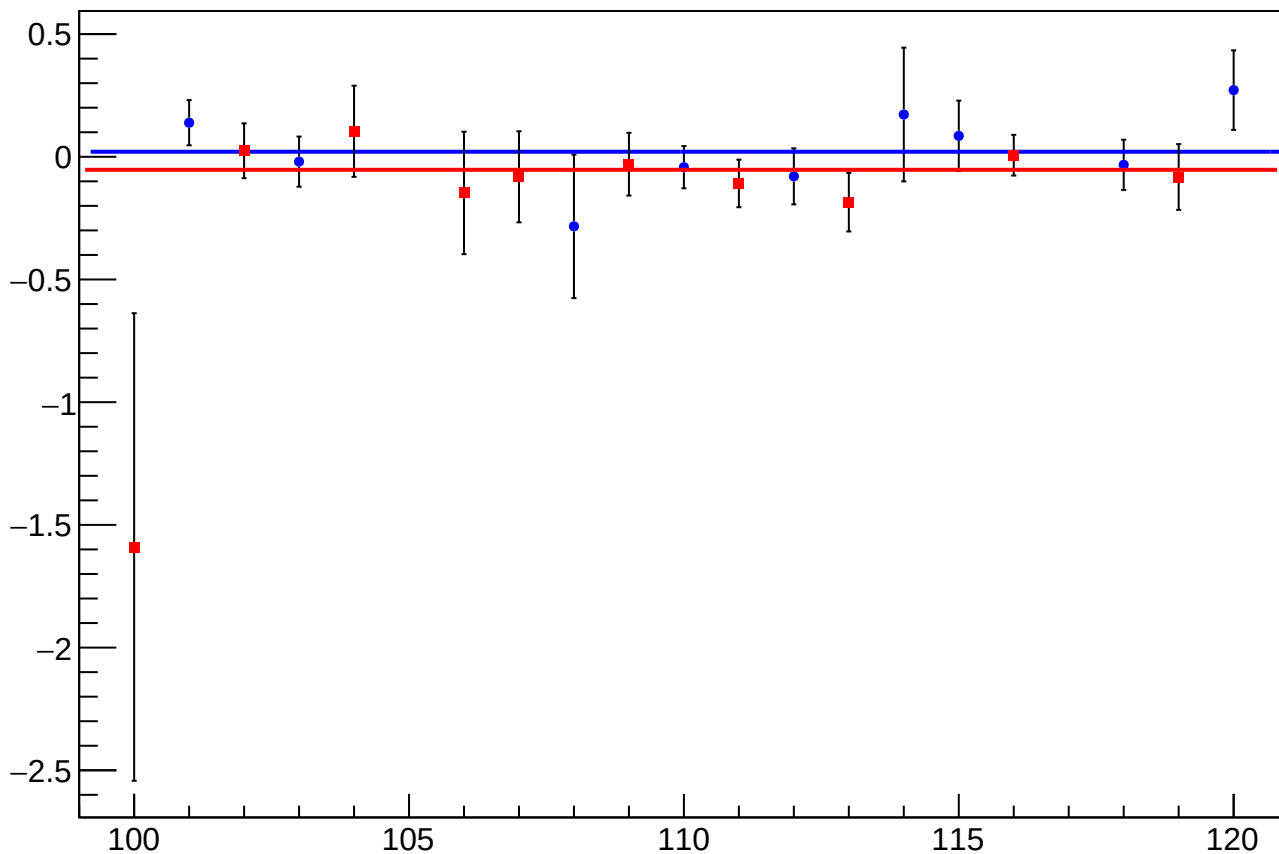
Right: 70.931+/-0.020 χ^2/NDF : 1221123.8/18

In: 68.025+/-0.028 χ^2/NDF : 393143.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.931+/-0.020 χ^2/NDF : 1221123.8/18

asym_sam3_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.040 χ^2/NDF : 7.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.053+/-0.041 χ^2/NDF : 6.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

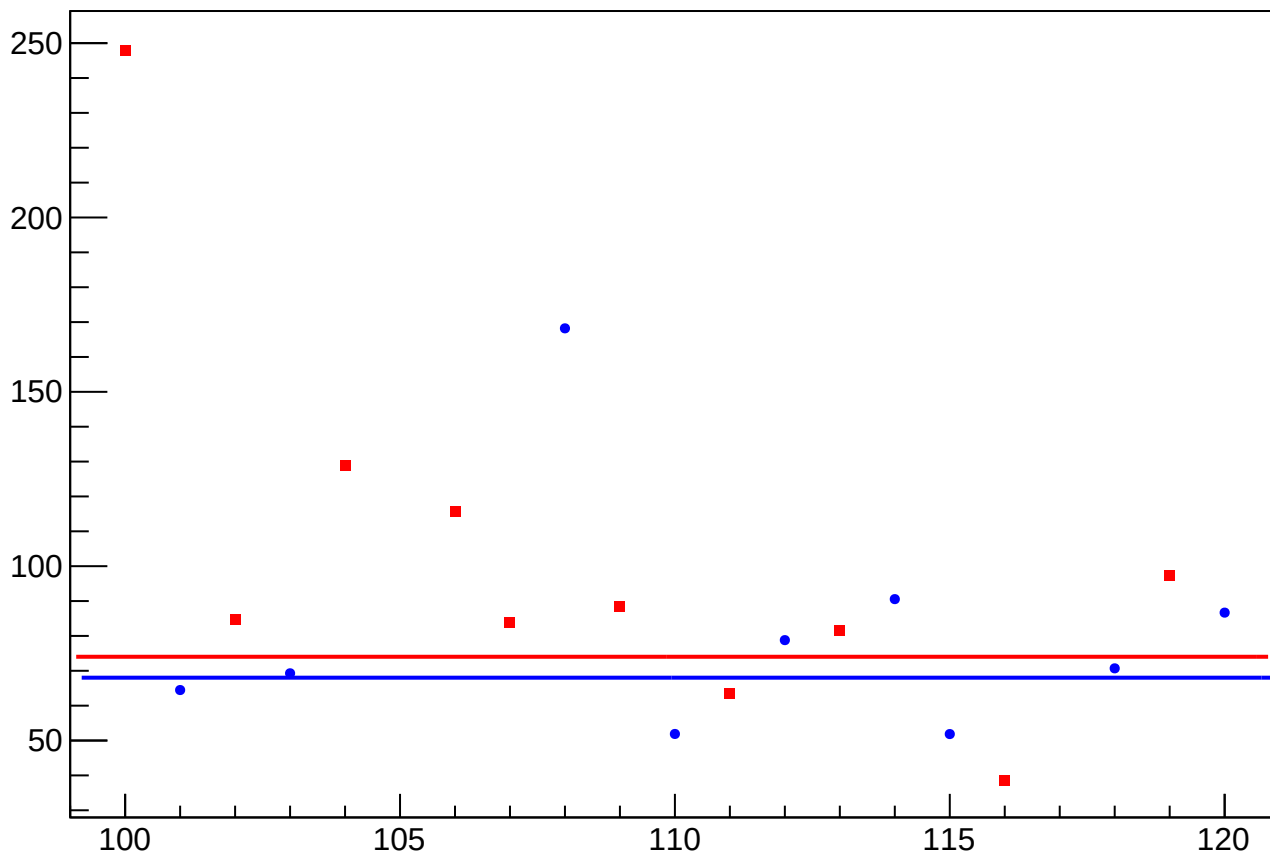
Right: -0.015+/-0.029 χ^2/NDF : 15.2/18

In: 0.021+/-0.040 χ^2/NDF : 7.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.015+/-0.029 χ^2/NDF : 15.2/18

asym_sam3_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 68.025+/-0.028 χ^2/NDF : 393143.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.024+/-0.029 χ^2/NDF : 805911.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

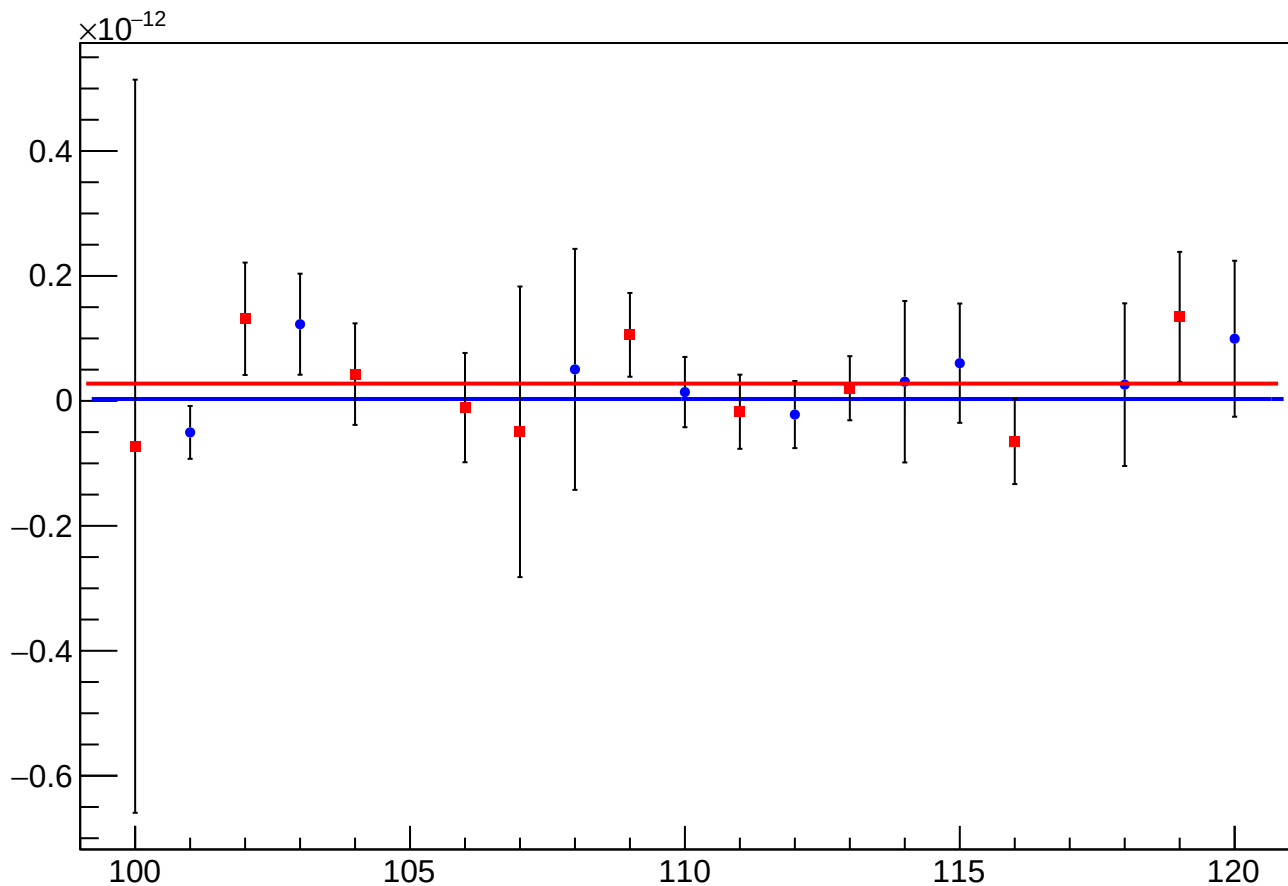
Right: 70.931+/-0.020 χ^2/NDF : 1221123.8/18

In: 68.025+/-0.028 χ^2/NDF : 393143.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.931+/-0.020 χ^2/NDF : 1221123.8/18

asym_sam3_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

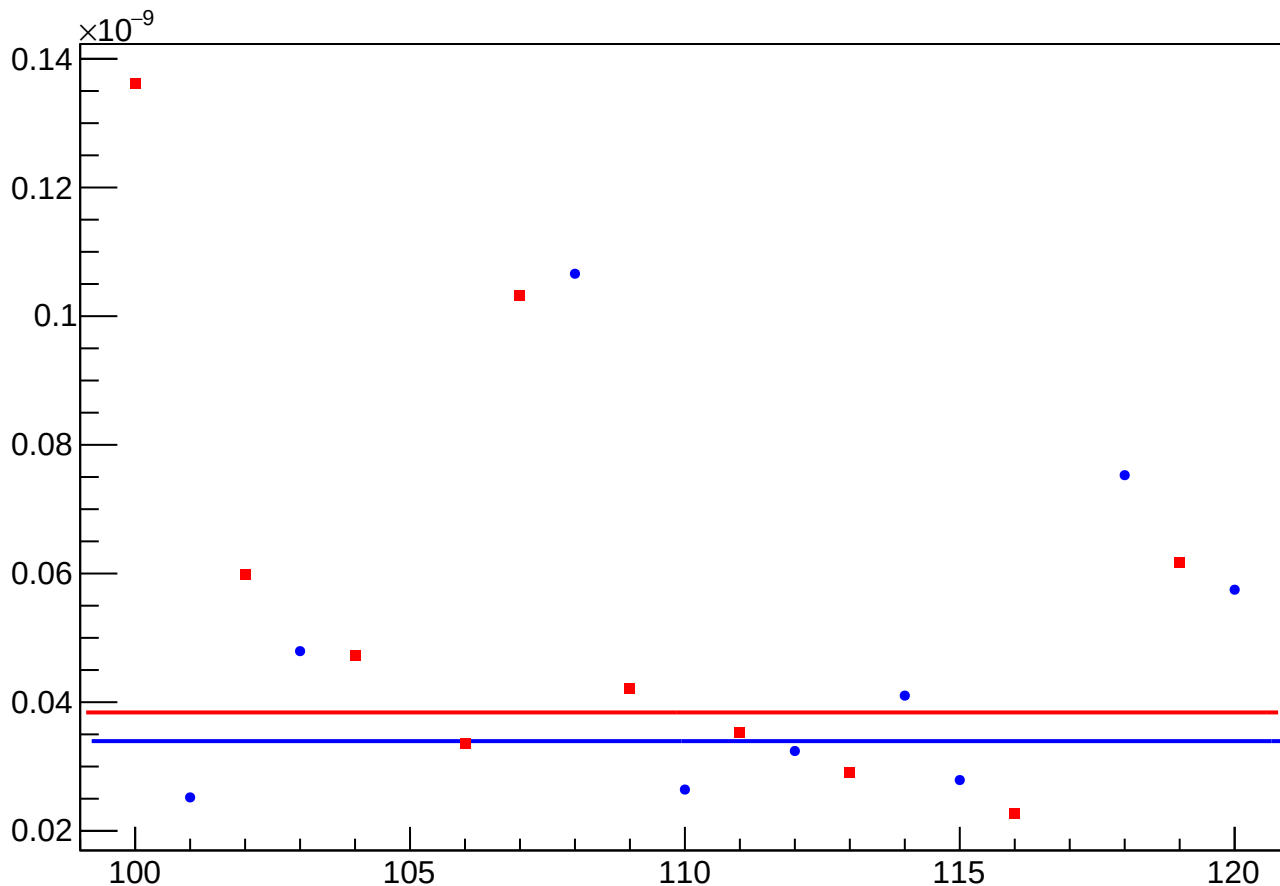
Right: 0.000+/-0.000 χ^2/NDF : 12.2/18

In: 0.000+/-0.000 χ^2/NDF : 5.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.2/18

asym_sam3_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 753337.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 638187.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

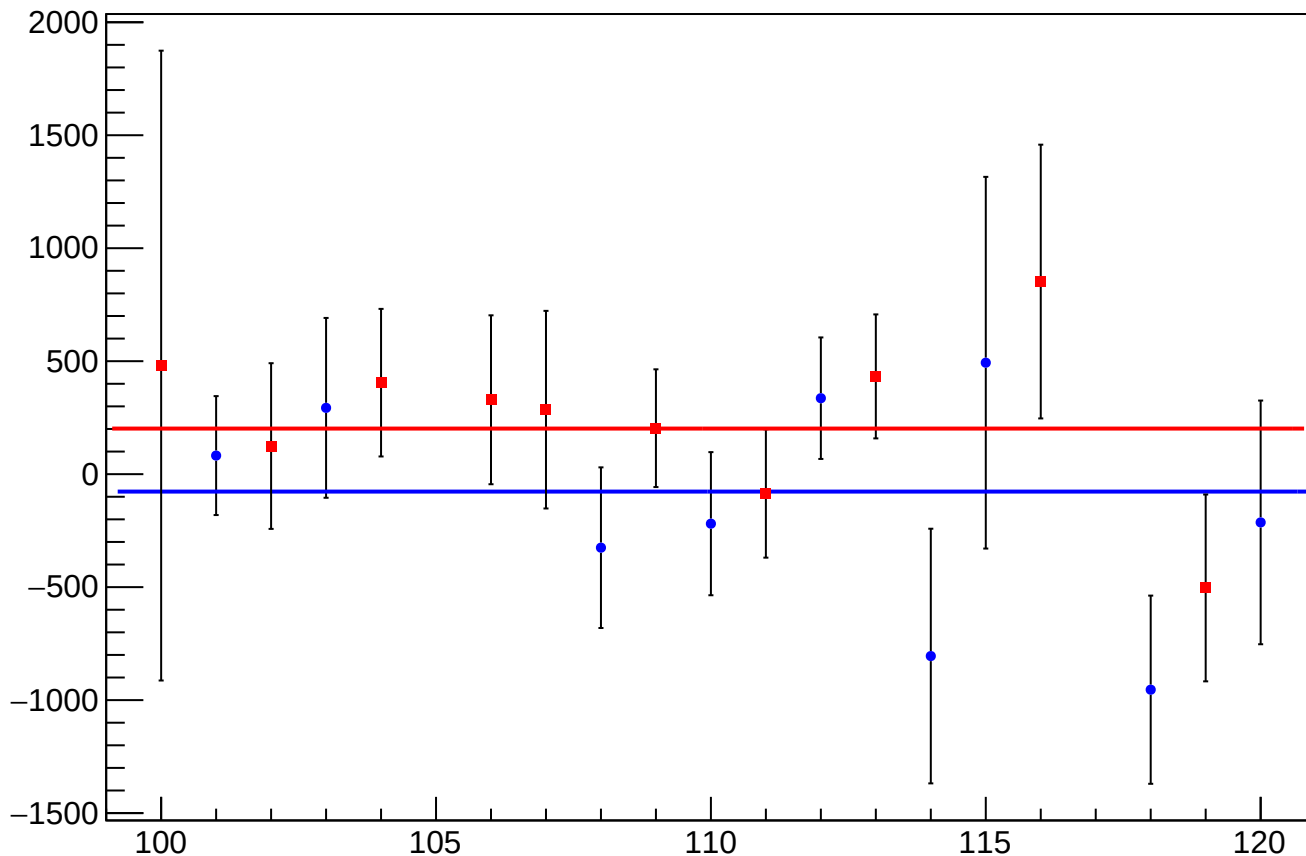
Right: 0.000+/-0.000 χ^2/NDF : 1424481.3/18

In: 0.000+/-0.000 χ^2/NDF : 753337.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1424481.3/18

reg_asym_sam4_mean vs Slug, Sign Corrected



Right In: -77.094+/-122.813 χ^2/NDF : 10.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 201.769+/-112.721 χ^2/NDF : 6.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

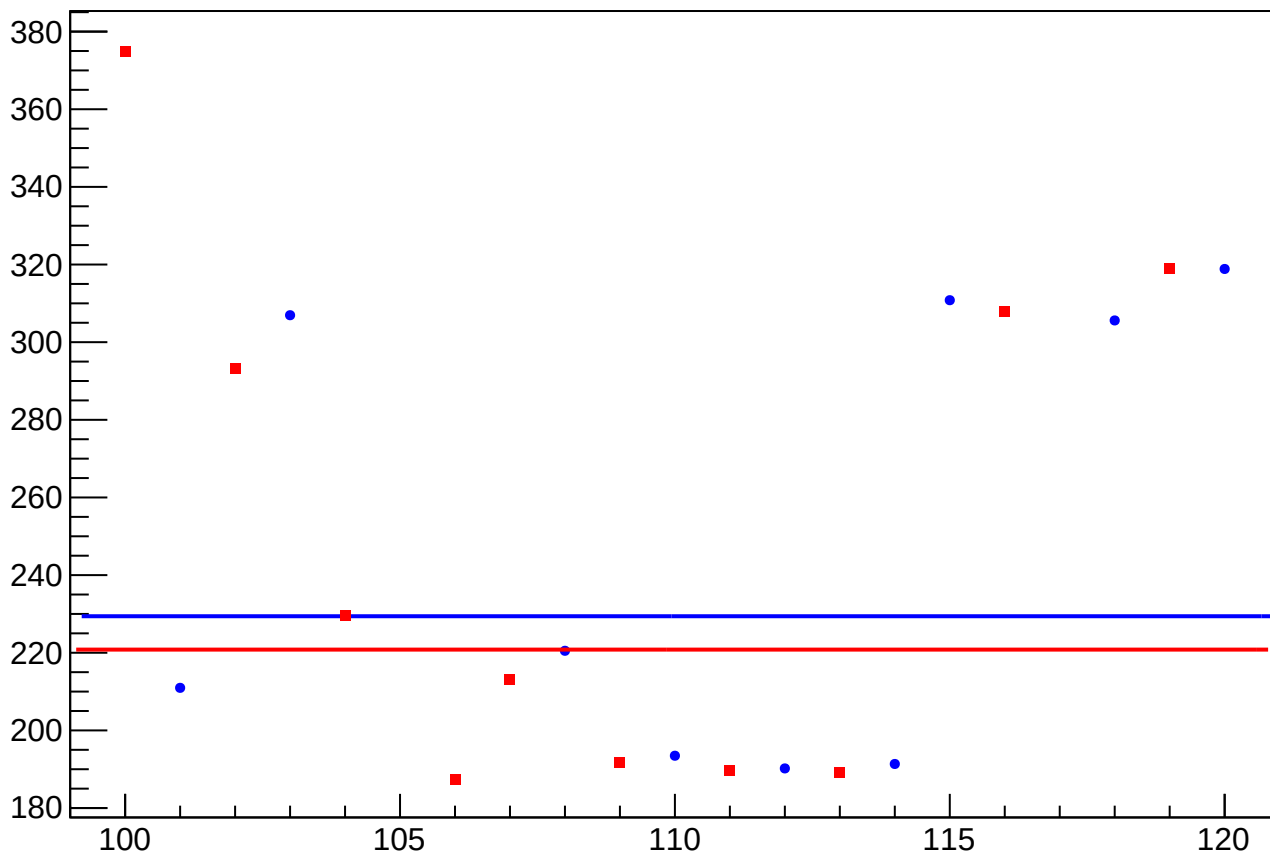
Right: 74.264+/-83.045 χ^2/NDF : 20.1/18

In: -77.094+/-122.813 χ^2/NDF : 10.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.264+/-83.045 χ^2/NDF : 20.1/18

reg_asym_sam4_rms vs Slug, Sign Corrected



Right In: 229.409+/-0.087 χ^2/NDF : 305937.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 220.814+/-0.080 χ^2/NDF : 349983.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

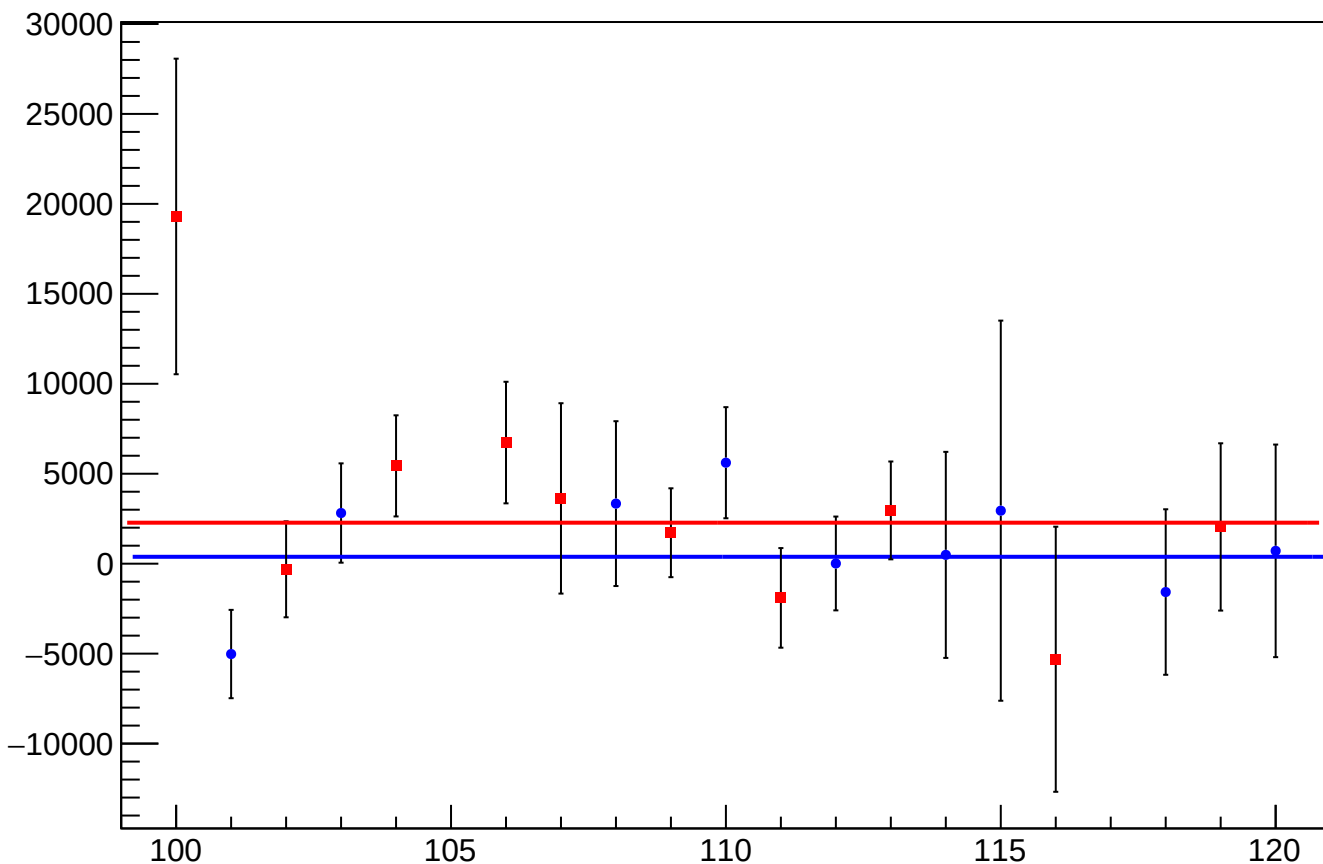
Right: 224.744+/-0.059 χ^2/NDF : 661238.0/18

In: 229.409+/-0.087 χ^2/NDF : 305937.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 224.744+/-0.059 χ^2/NDF : 661238.0/18

asym_sam4_reg_correction_mean vs Slug, Sign Corrected



Right In: 382.916+/-1184.933 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2278.396+/-1055.376 χ^2/NDF : 11.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

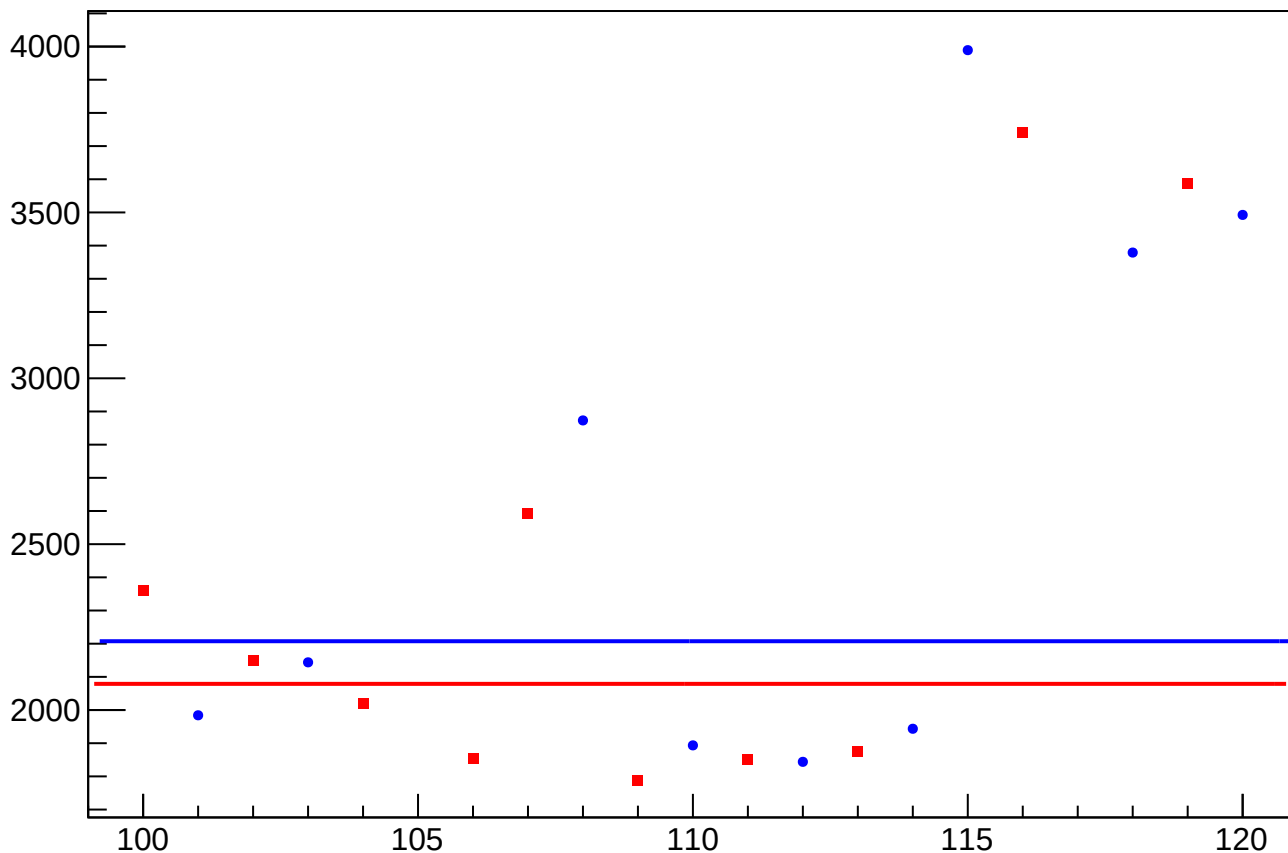
Right: 1439.906+/-788.103 χ^2/NDF : 21.8/18

In: 382.916+/-1184.933 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1439.906+/-788.103 χ^2/NDF : 21.8/18

asym_sam4_reg_correction_rms vs Slug, Sign Corrected



Right In: 2207.446+/-0.838 χ^2/NDF : 404880.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2078.914+/-0.746 χ^2/NDF : 396970.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

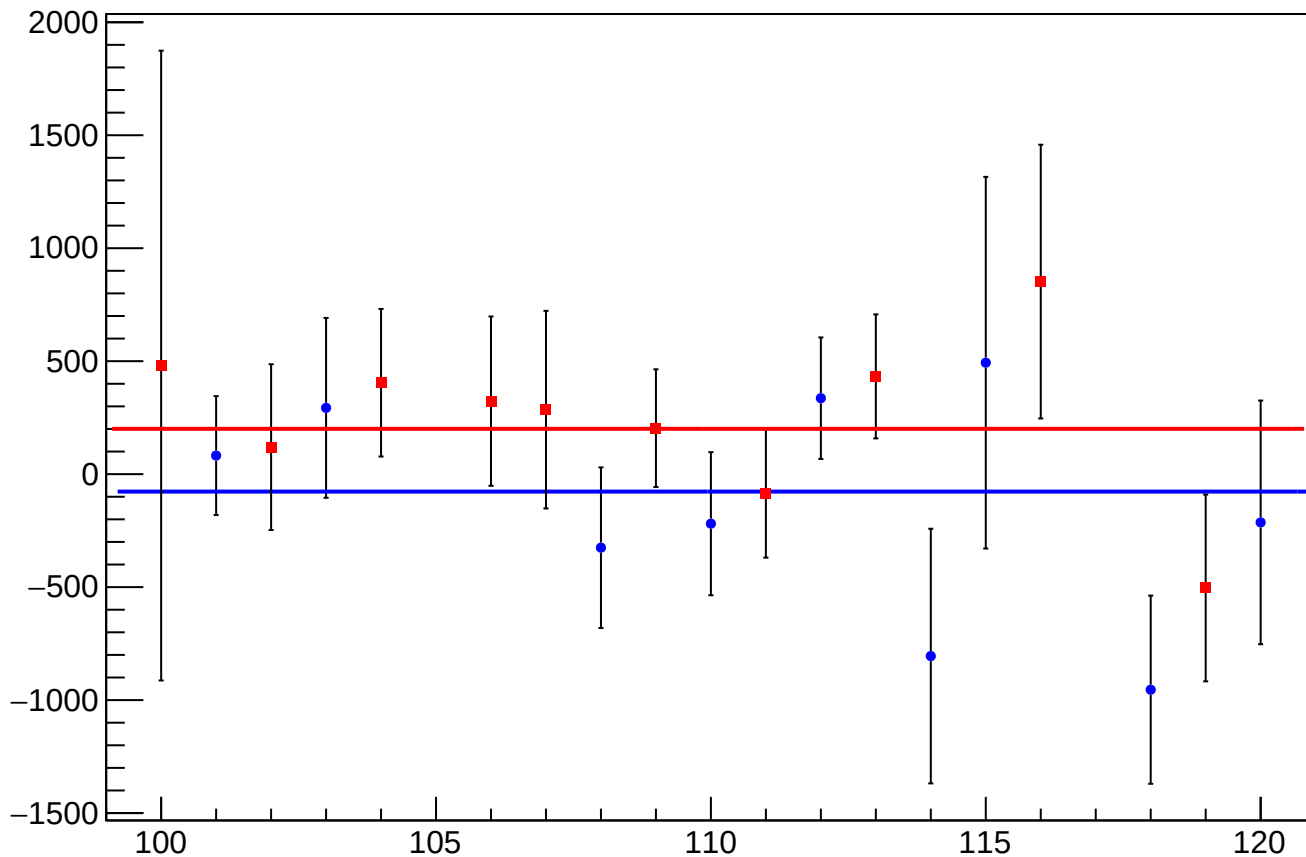
Right: 2135.772+/-0.557 χ^2/NDF : 814973.2/18

In: 2207.446+/-0.838 χ^2/NDF :404880.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2135.772+/-0.557 χ^2/NDF : 814973.2/18

cor_asym_sam4_mean vs Slug, Sign Corrected



Right In: -77.144+/-122.814 χ^2/NDF : 10.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 200.661+/-112.750 χ^2/NDF : 6.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

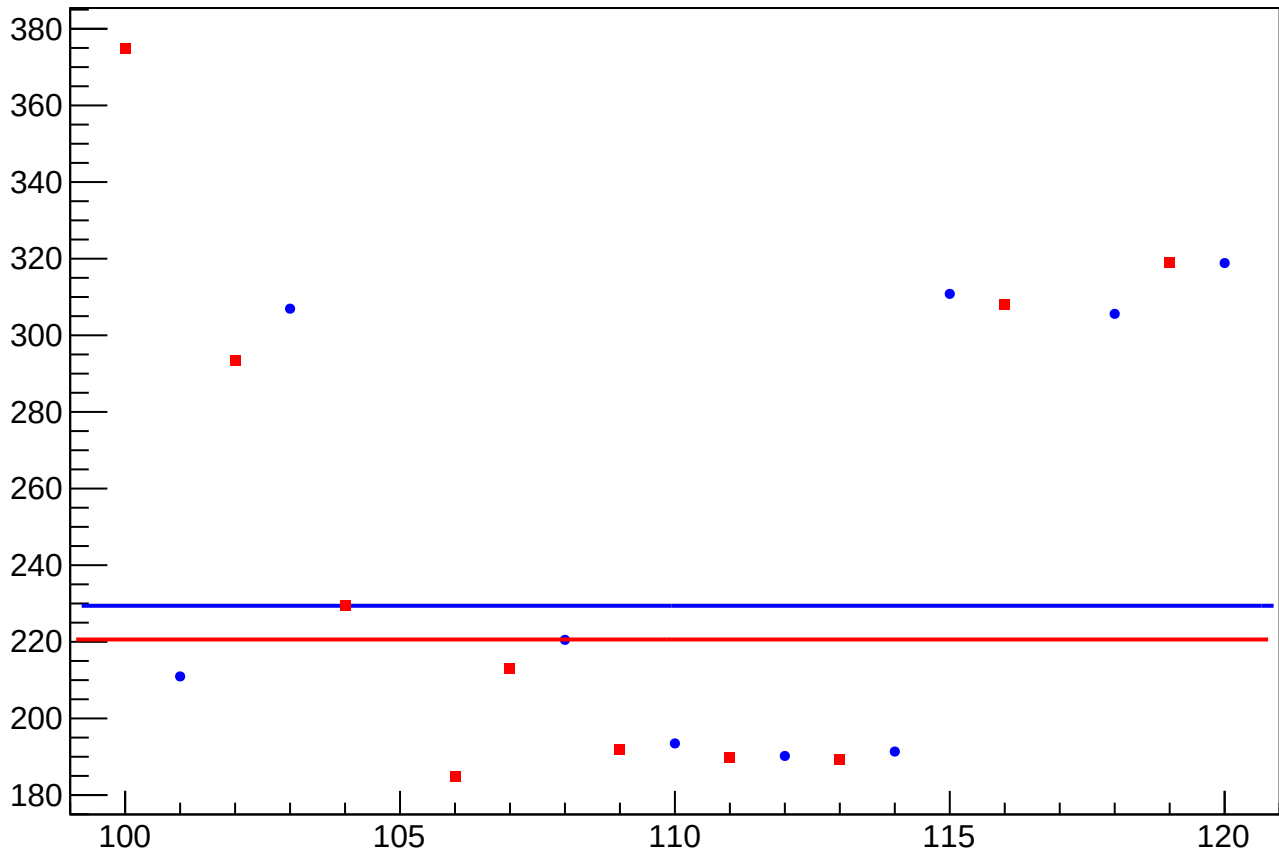
Right: 73.605+/-83.057 χ^2/NDF : 20.1/18

In: -77.144+/-122.814 χ^2/NDF : 10.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.605+/-83.057 χ^2/NDF : 20.1/18

cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 229.409+/-0.087 χ^2/NDF : 305940.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 220.606+/-0.080 χ^2/NDF : 352603.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

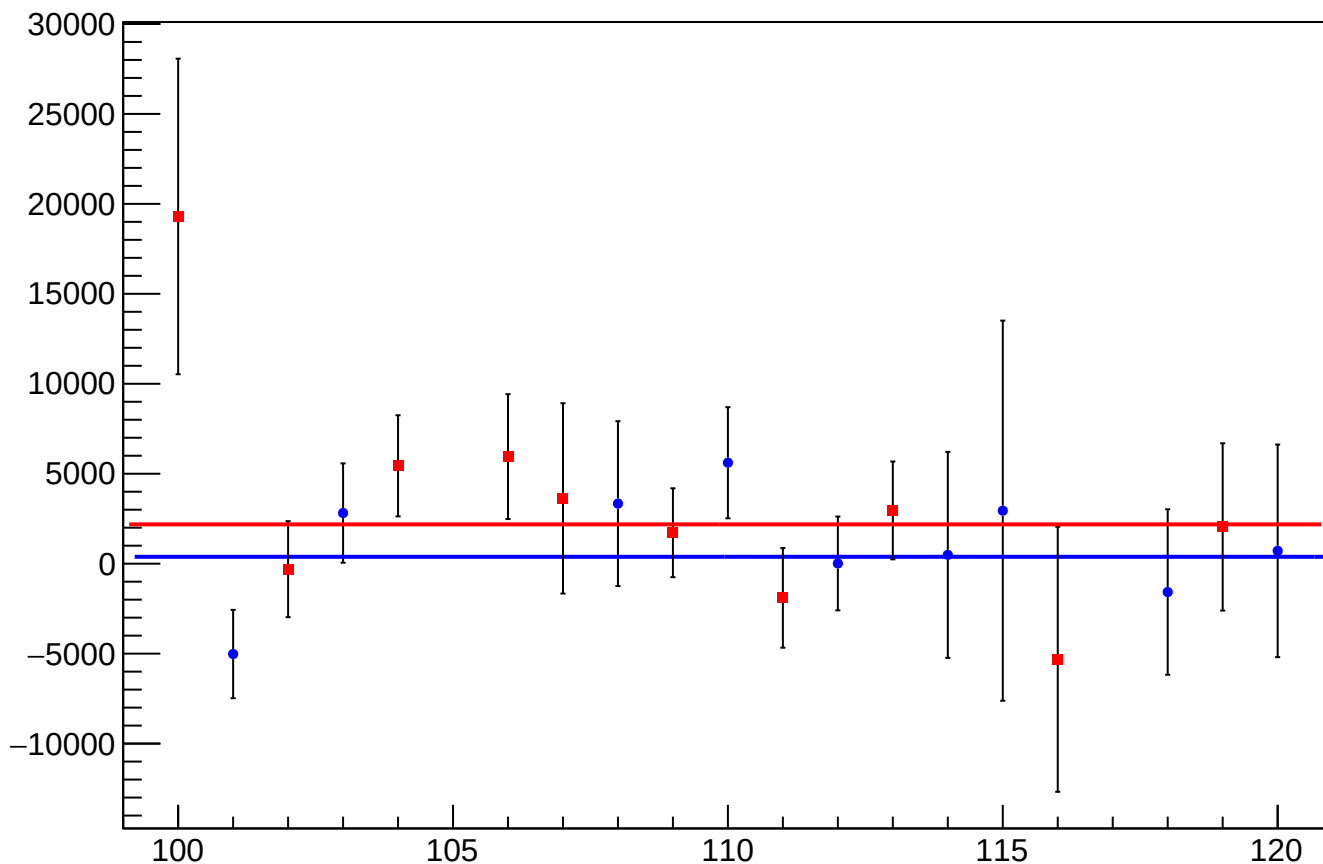
Right: 224.632+/-0.059 χ^2/NDF : 664118.7/18

In: 229.409+/-0.087 χ^2/NDF : 305940.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 224.632+/-0.059 χ^2/NDF : 664118.7/18

asym_sam4_cor_correction_mean vs Slug, Sign Corrected



Right In: 382.649+/-1184.949 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2184.976+/-1058.160 χ^2/NDF : 10.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

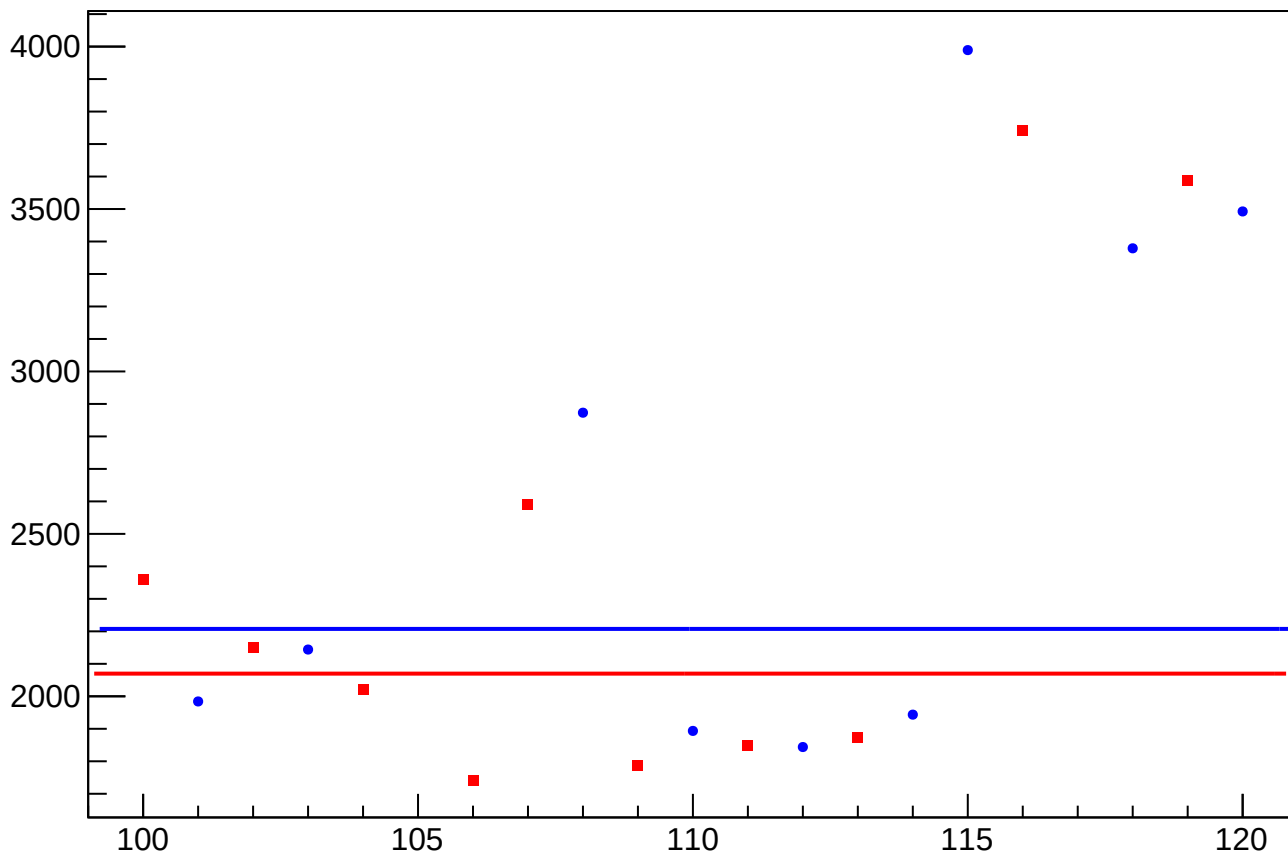
Right: 1385.363+/-789.265 χ^2/NDF : 21.1/18

In: 382.649+/-1184.949 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1385.363+/-789.265 χ^2/NDF : 21.1/18

asym_sam4_cor_correction_rms vs Slug, Sign Corrected



Right In: 2207.478+/-0.838 χ^2/NDF : 404873.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2069.829+/-0.748 χ^2/NDF : 406801.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

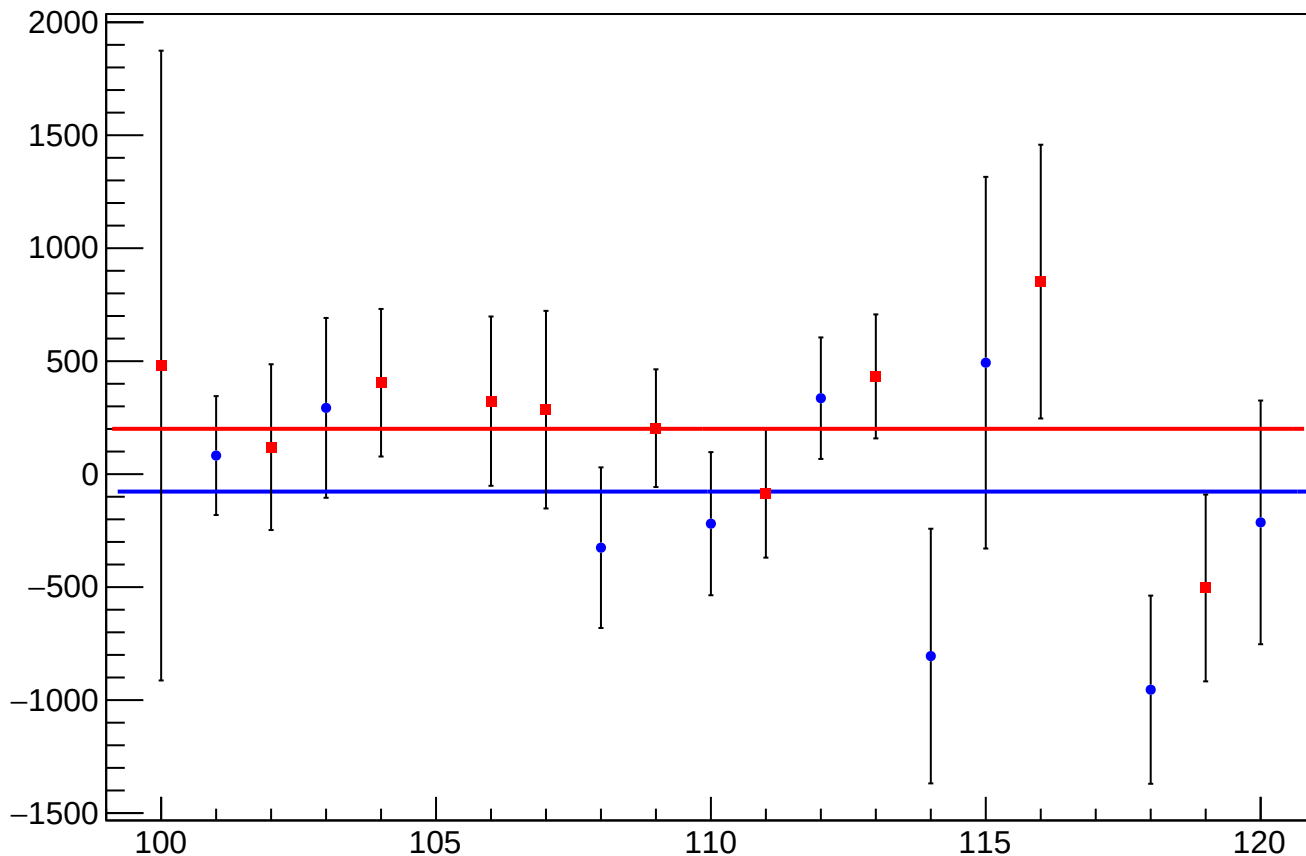
Right: 2130.898+/-0.558 χ^2/NDF : 826690.2/18

In: 2207.478+/-0.838 χ^2/NDF : 404873.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2130.898+/-0.558 χ^2/NDF : 826690.2/18

eigen_cor_asym_sam4_mean vs Slug, Sign Corrected



Right In: -77.144+/-122.814 χ^2/NDF : 10.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 200.661+/-112.750 χ^2/NDF : 6.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

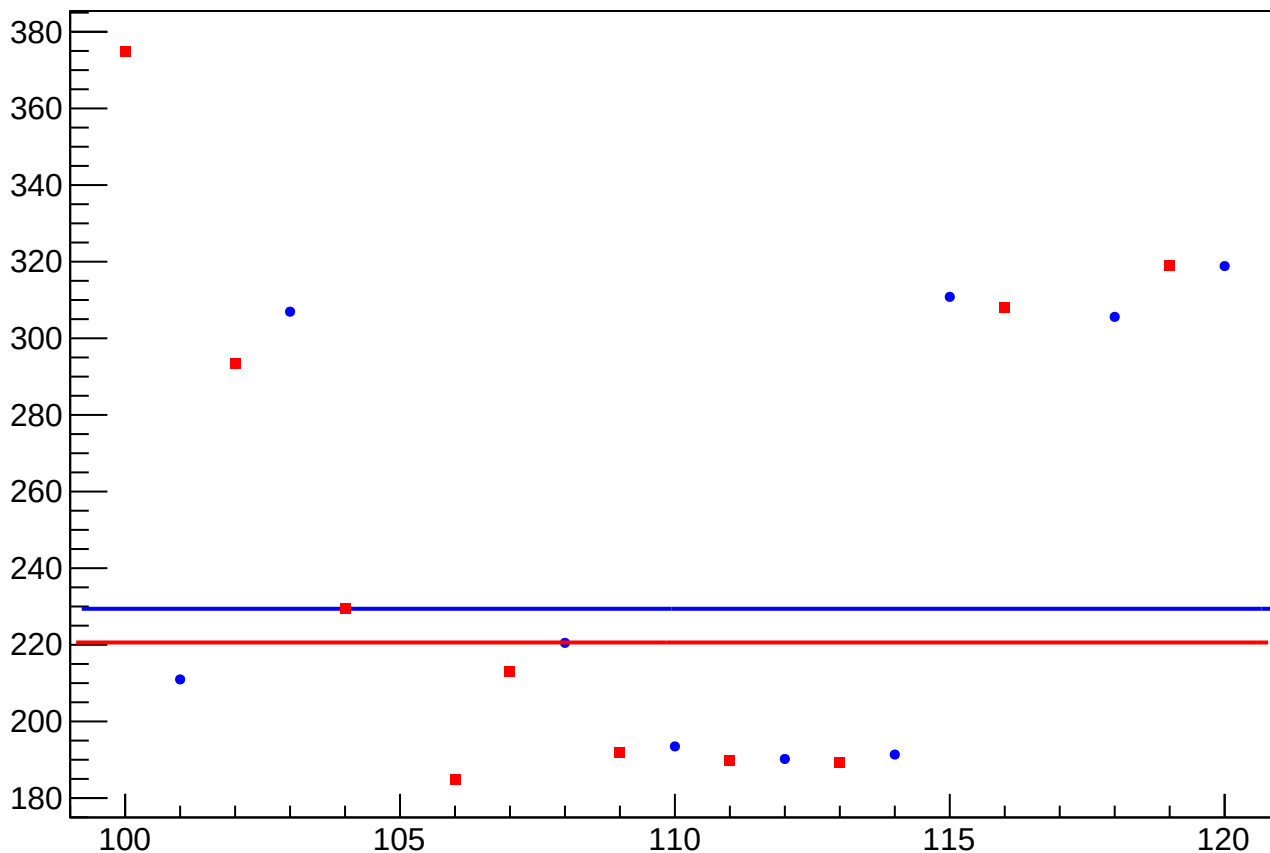
Right: 73.605+/-83.057 χ^2/NDF : 20.1/18

In: -77.144+/-122.814 χ^2/NDF : 10.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.605+/-83.057 χ^2/NDF : 20.1/18

eigen_cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 229.409+/-0.087 χ^2/NDF : 305940.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 220.606+/-0.080 χ^2/NDF : 352603.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

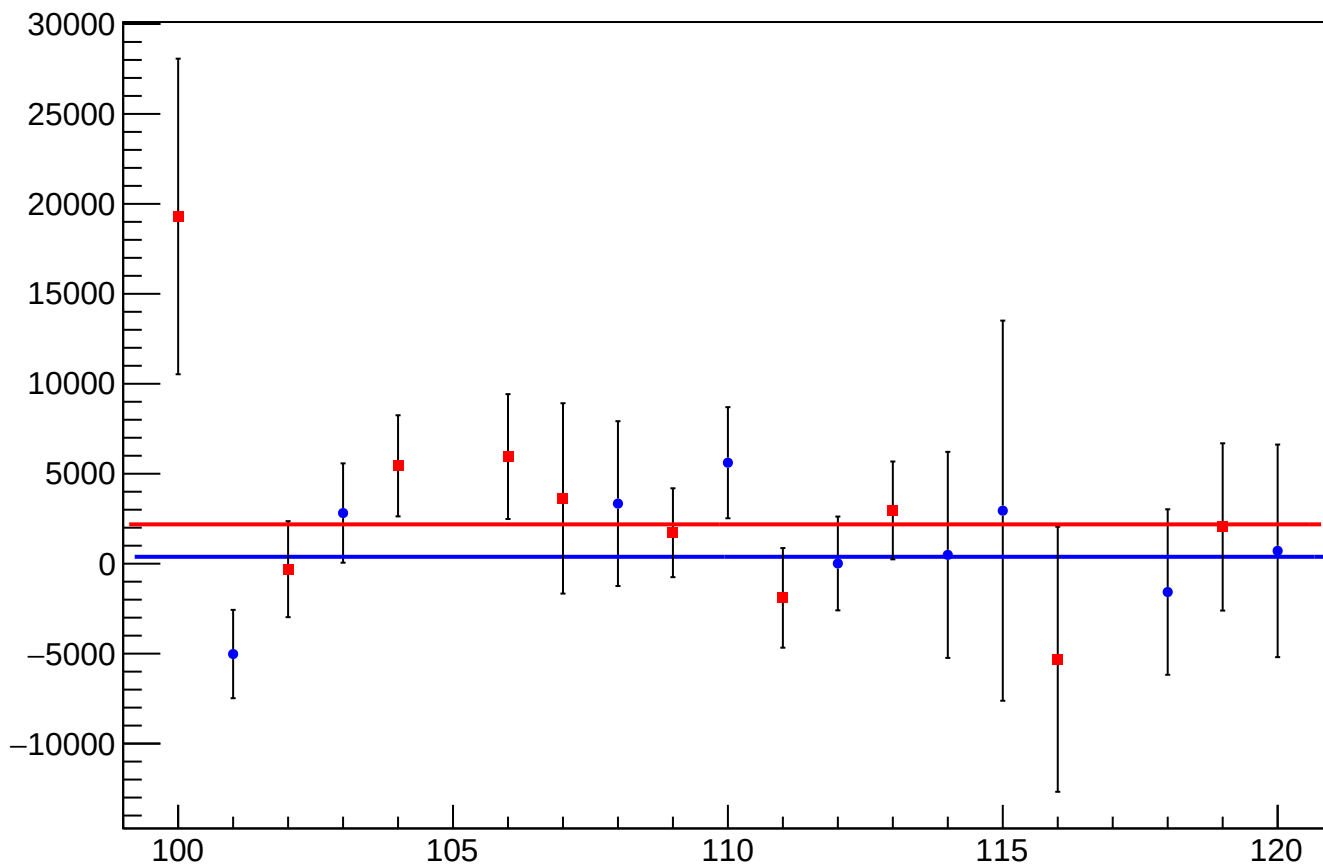
Right: 224.632+/-0.059 χ^2/NDF : 664118.7/18

In: 229.409+/-0.087 χ^2/NDF : 305940.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 224.632+/-0.059 χ^2/NDF : 664118.7/18

asym_sam4_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 382.649+/-1184.949 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2184.976+/-1058.160 χ^2/NDF : 10.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

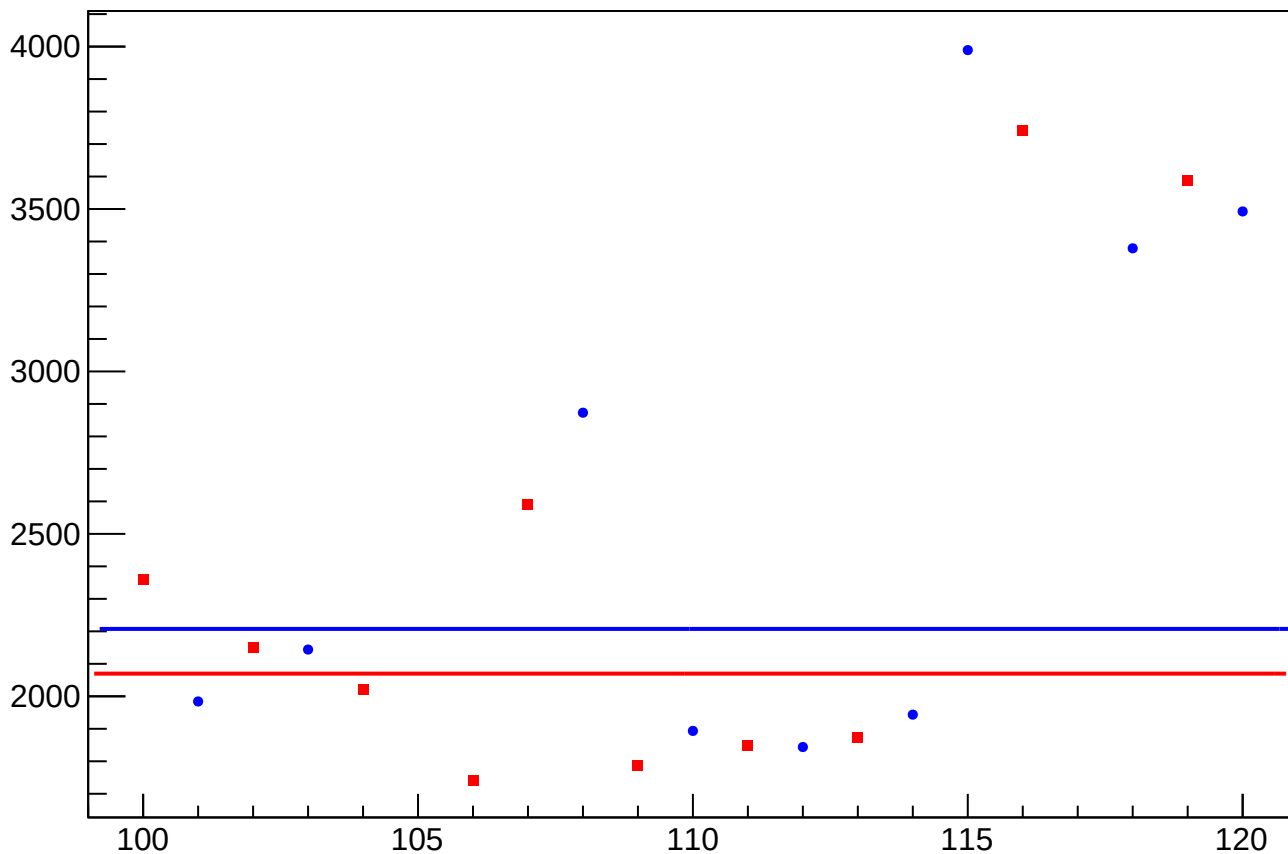
Right: 1385.363+/-789.265 χ^2/NDF : 21.1/18

In: 382.649+/-1184.949 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1385.363+/-789.265 χ^2/NDF : 21.1/18

asym_sam4_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2207.478+/-0.838 χ^2/NDF : 404873.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2069.829+/-0.748 χ^2/NDF : 406801.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

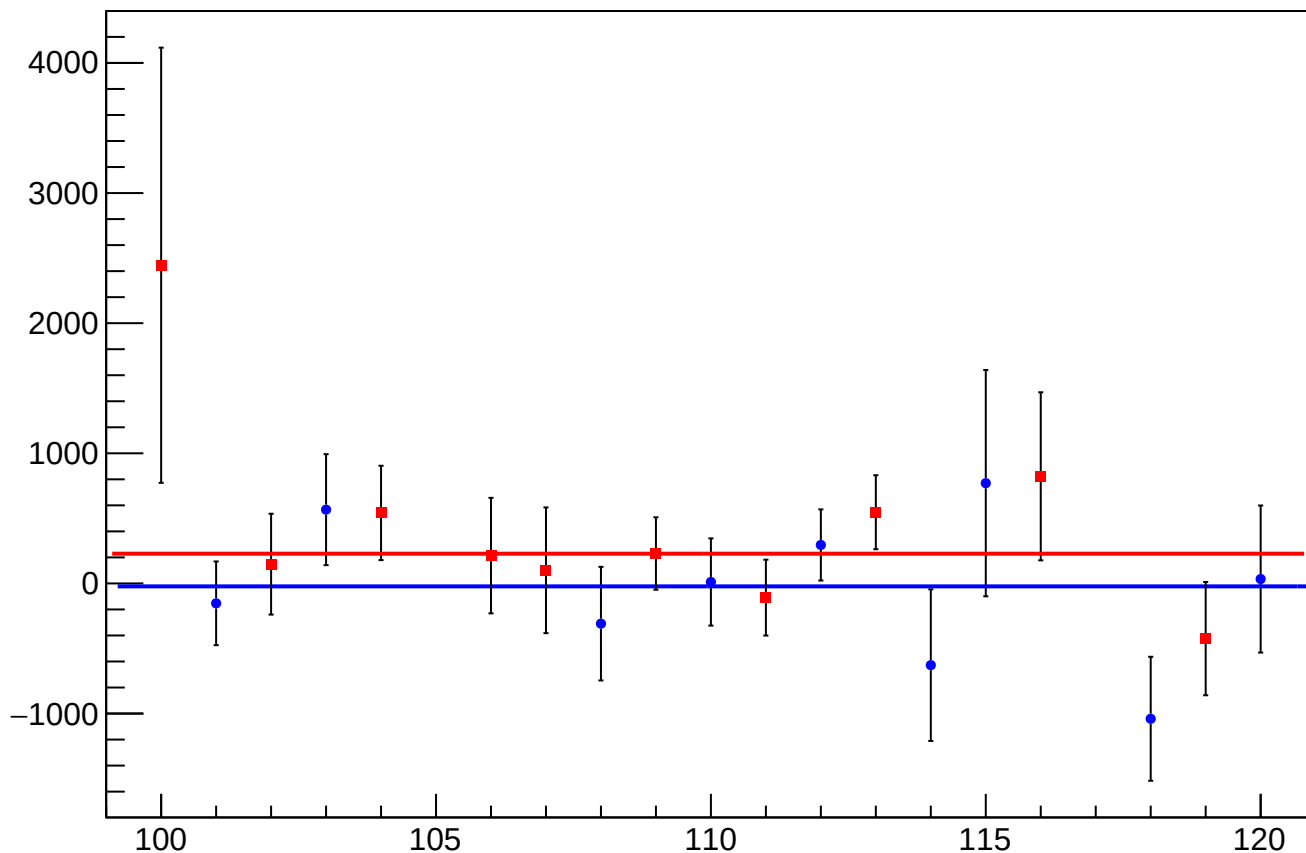
Right: 2130.898+/-0.558 χ^2/NDF : 826690.2/18

In: 2207.478+/-0.838 χ^2/NDF :404873.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2130.898+/-0.558 χ^2/NDF : 826690.2/18

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: -22.671 ± 135.469 χ^2/NDF : 10.4/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 228.445 ± 120.625 χ^2/NDF : 8.3/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

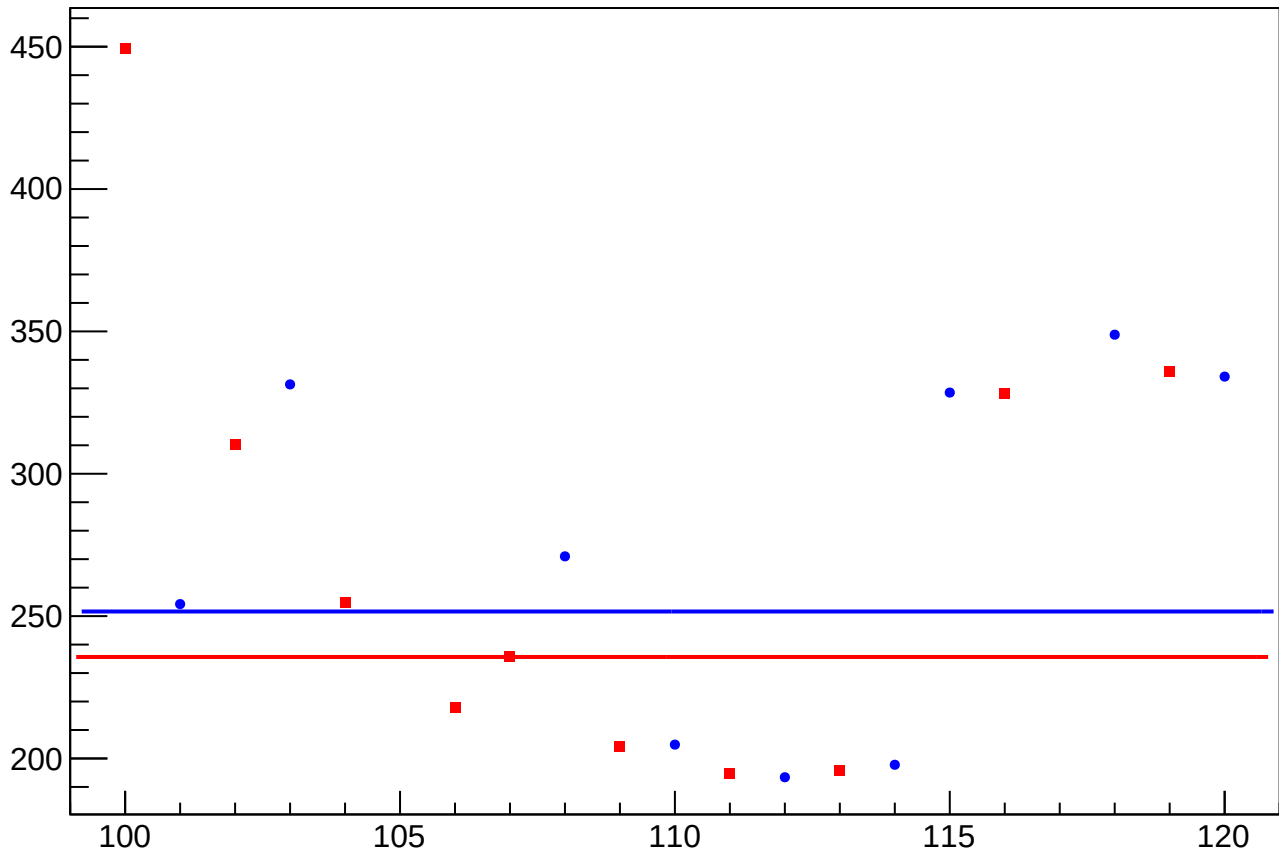
Right: 117.394 ± 90.087 χ^2/NDF : 20.6/18

In: -22.671 ± 135.469 χ^2/NDF : 10.4/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 117.394 ± 90.087 χ^2/NDF : 20.6/18

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 251.623+/-0.096 χ^2/NDF : 362200.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 235.646+/-0.085 χ^2/NDF : 367196.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

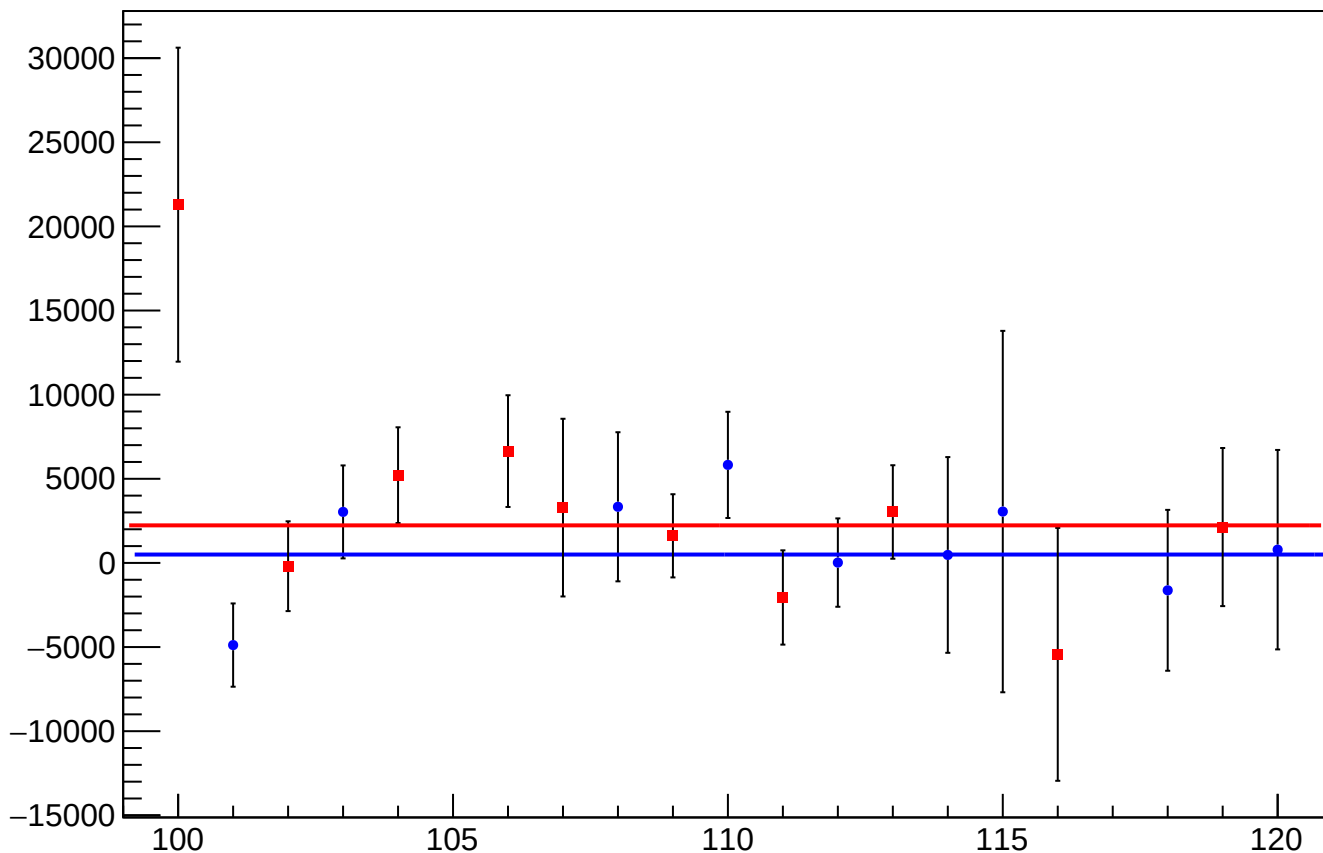
Right: 242.712+/-0.064 χ^2/NDF : 744912.9/18

In: 251.623+/-0.096 χ^2/NDF : 362200.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 242.712+/-0.064 χ^2/NDF : 744912.9/18

asym_sam4_dit_correction_mean vs Slug, Sign Corrected



Right In: 498.394+/-1194.277 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2232.111+/-1062.592 χ^2/NDF : 11.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

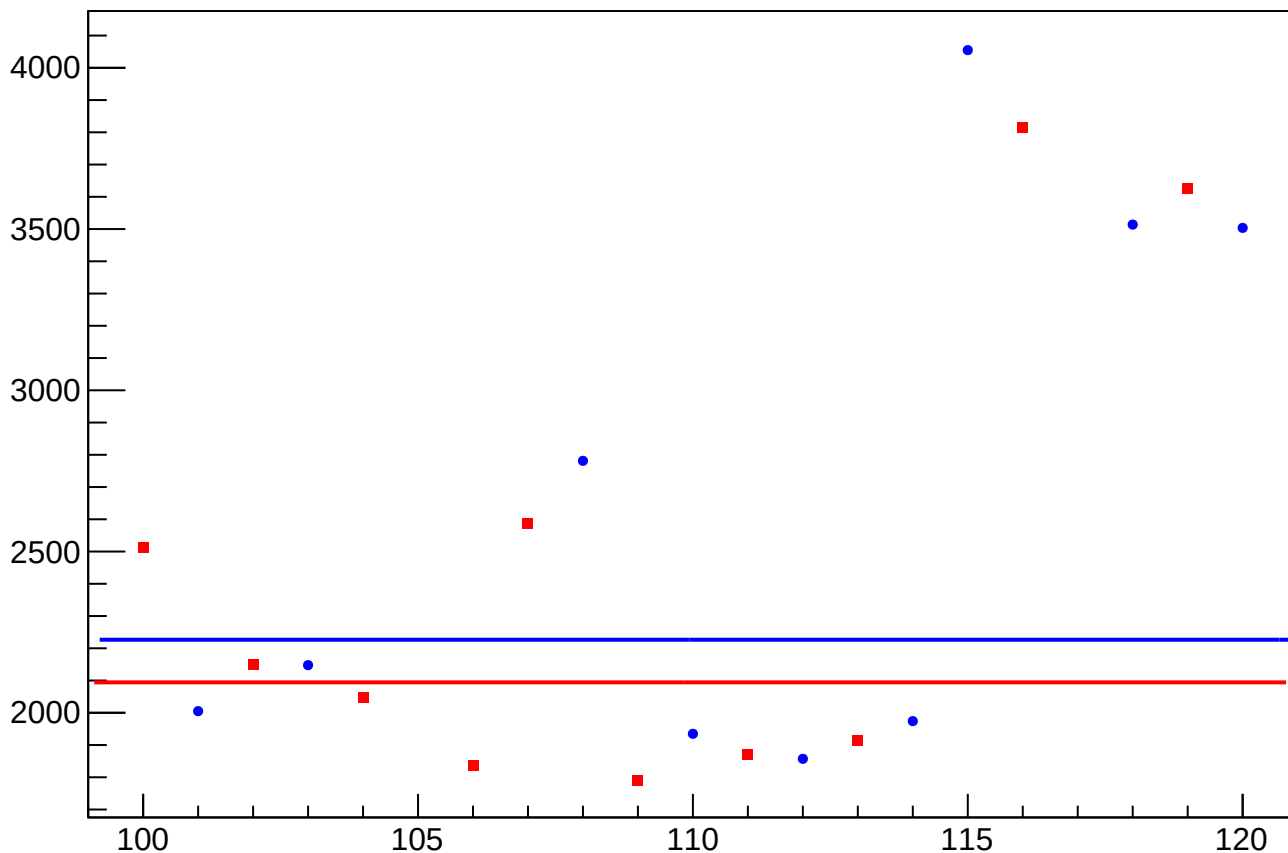
Right: 1466.069+/-793.857 χ^2/NDF : 21.7/18

In: 498.394+/-1194.277 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1466.069+/-793.857 χ^2/NDF : 21.7/18

asym_sam4_dit_correction_rms vs Slug, Sign Corrected



Right In: 2226.541+/-0.844 χ^2/NDF : 405271.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2094.280+/-0.751 χ^2/NDF : 403532.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

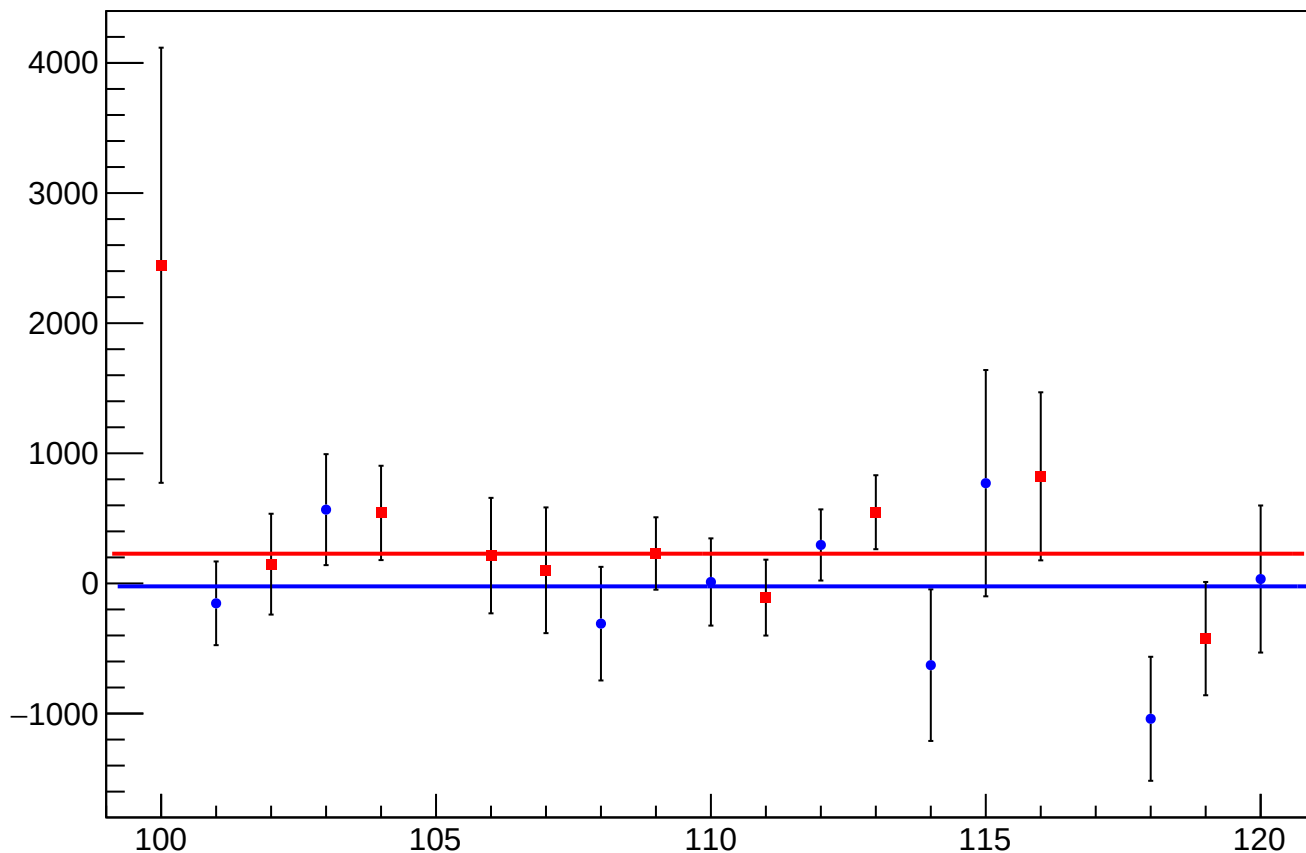
Right: 2152.720+/-0.561 χ^2/NDF : 822494.7/18

In: 2226.541+/-0.844 χ^2/NDF : 405271.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2152.720+/-0.561 χ^2/NDF : 822494.7/18

eigen_dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: -22.671+/-135.469 χ^2/NDF : 10.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 228.442+/-120.625 χ^2/NDF : 8.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

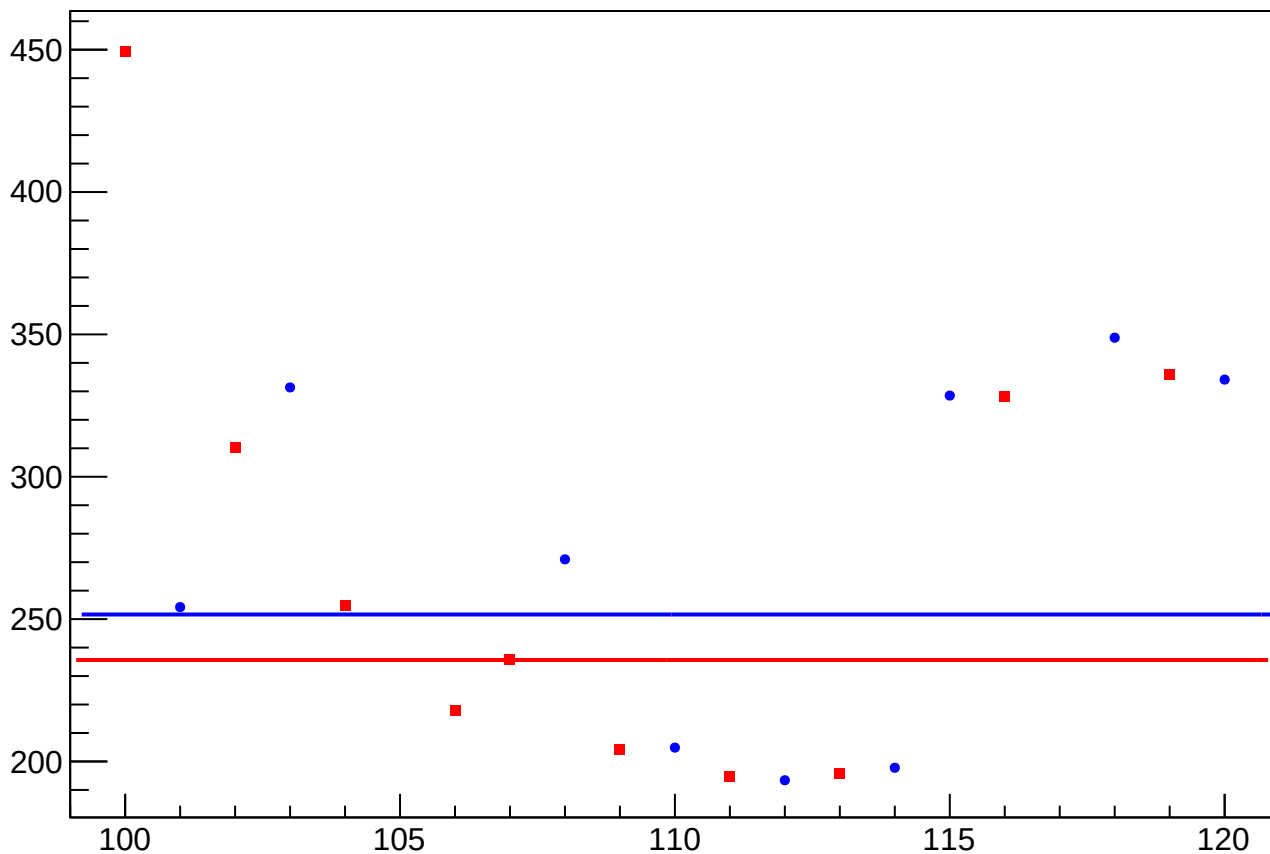
Right: 117.393+/-90.087 χ^2/NDF : 20.6/18

In: -22.671+/-135.469 χ^2/NDF : 10.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.393+/-90.087 χ^2/NDF : 20.6/18

eigen_dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 251.623+/-0.096 χ^2/NDF : 362205.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 235.646+/-0.085 χ^2/NDF : 367198.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

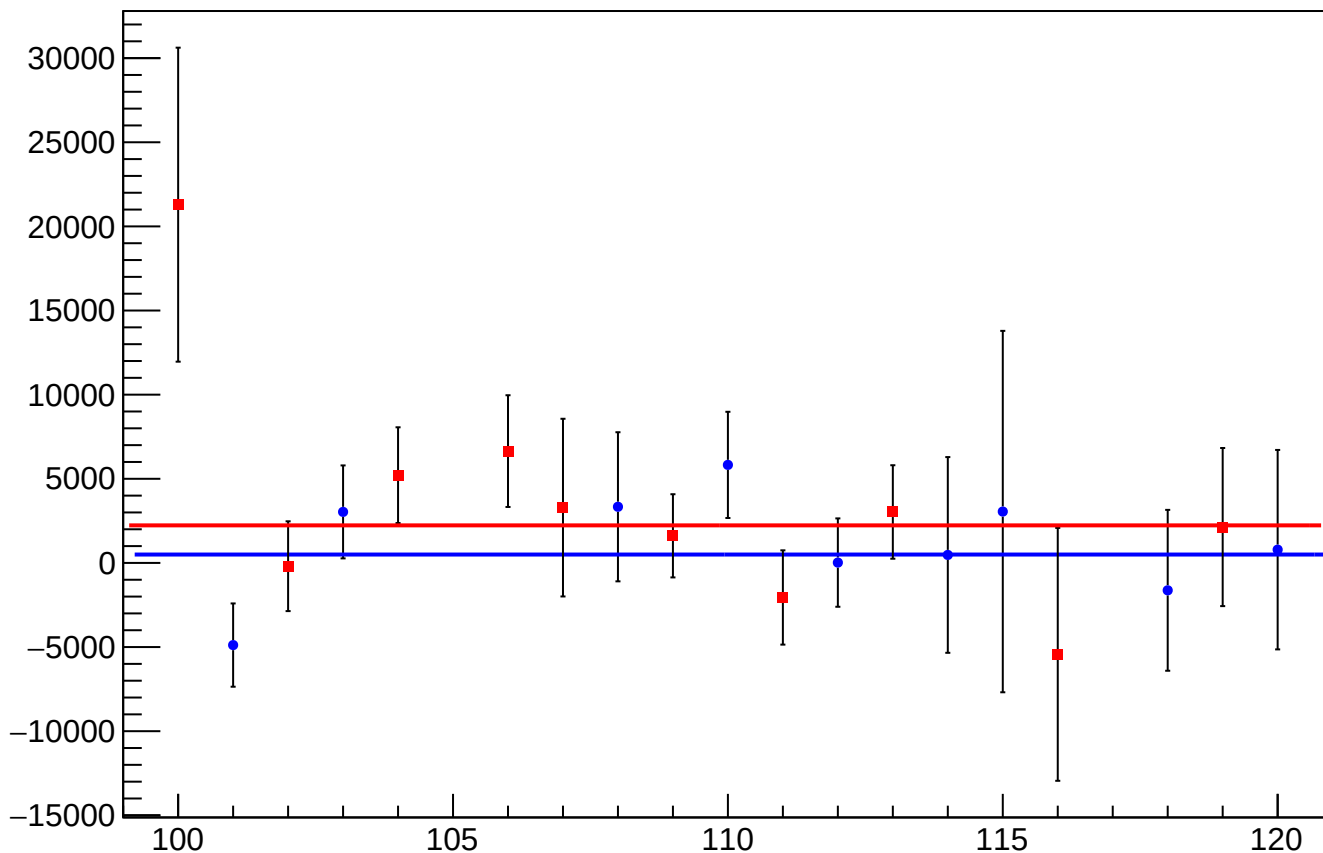
Right: 242.712+/-0.064 χ^2/NDF : 744920.2/18

In: 251.623+/-0.096 χ^2/NDF : 362205.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 242.712+/-0.064 χ^2/NDF : 744920.2/18

asym_sam4_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 498.396+/-1194.276 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2232.108+/-1062.592 χ^2/NDF : 11.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

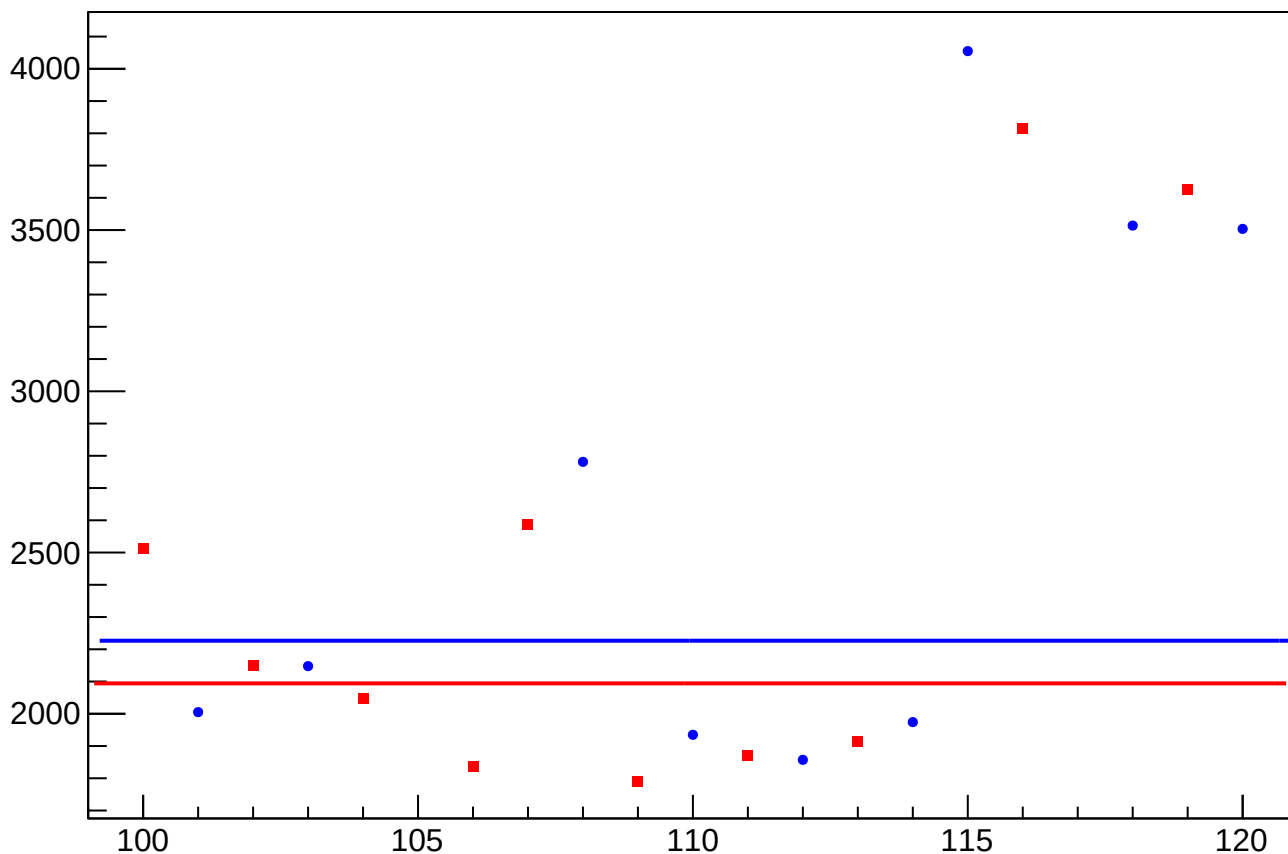
Right: 1466.068+/-793.857 χ^2/NDF : 21.7/18

In: 498.396+/-1194.276 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1466.068+/-793.857 χ^2/NDF : 21.7/18

asym_sam4_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2226.540+/-0.844 χ^2/NDF : 405272.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2094.279+/-0.751 χ^2/NDF : 403534.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

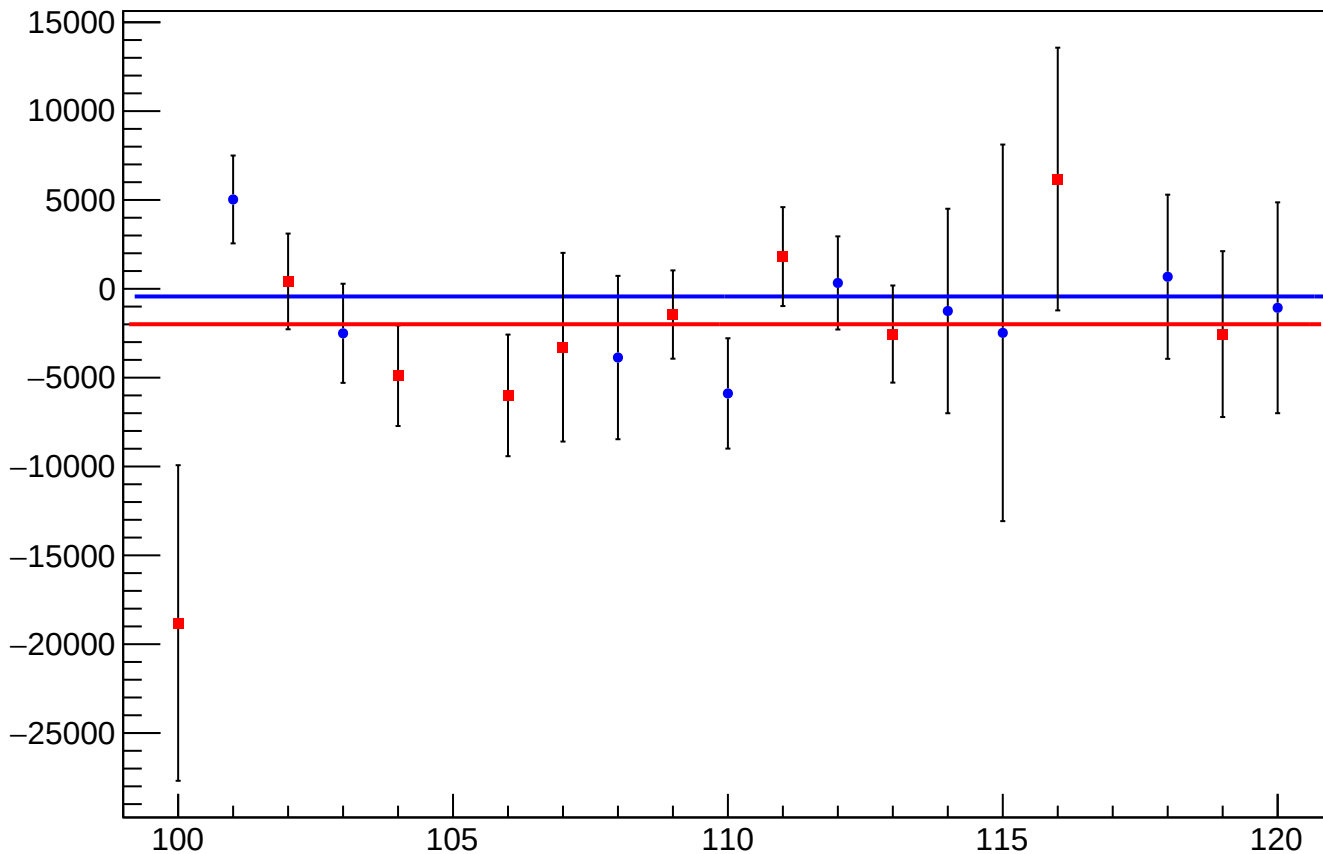
Right: 2152.718+/-0.561 χ^2/NDF : 822498.5/18

In: 2226.540+/-0.844 χ^2/NDF : 405272.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2152.718+/-0.561 χ^2/NDF : 822498.5/18

asym_sam4_mean vs Slug, Sign Corrected



Right In: -430.670+/-1192.521 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1994.101+/-1062.896 χ^2/NDF : 10.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

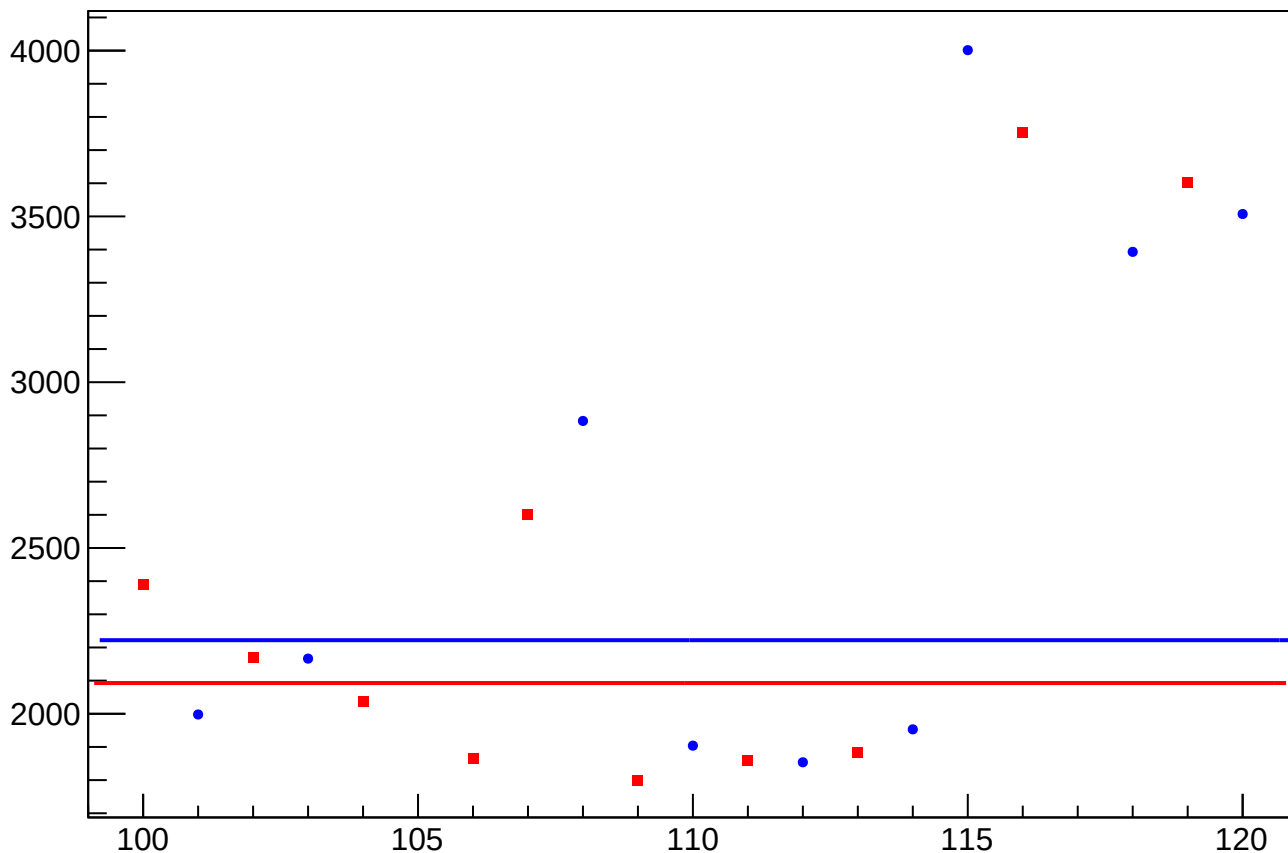
Right: -1301.944+/-793.467 χ^2/NDF : 20.3/18

In: -430.670+/-1192.521 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1301.944+/-793.467 χ^2/NDF : 20.3/18

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2221.973+/-0.843 χ^2/NDF : 402239.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2092.779+/-0.752 χ^2/NDF : 395436.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

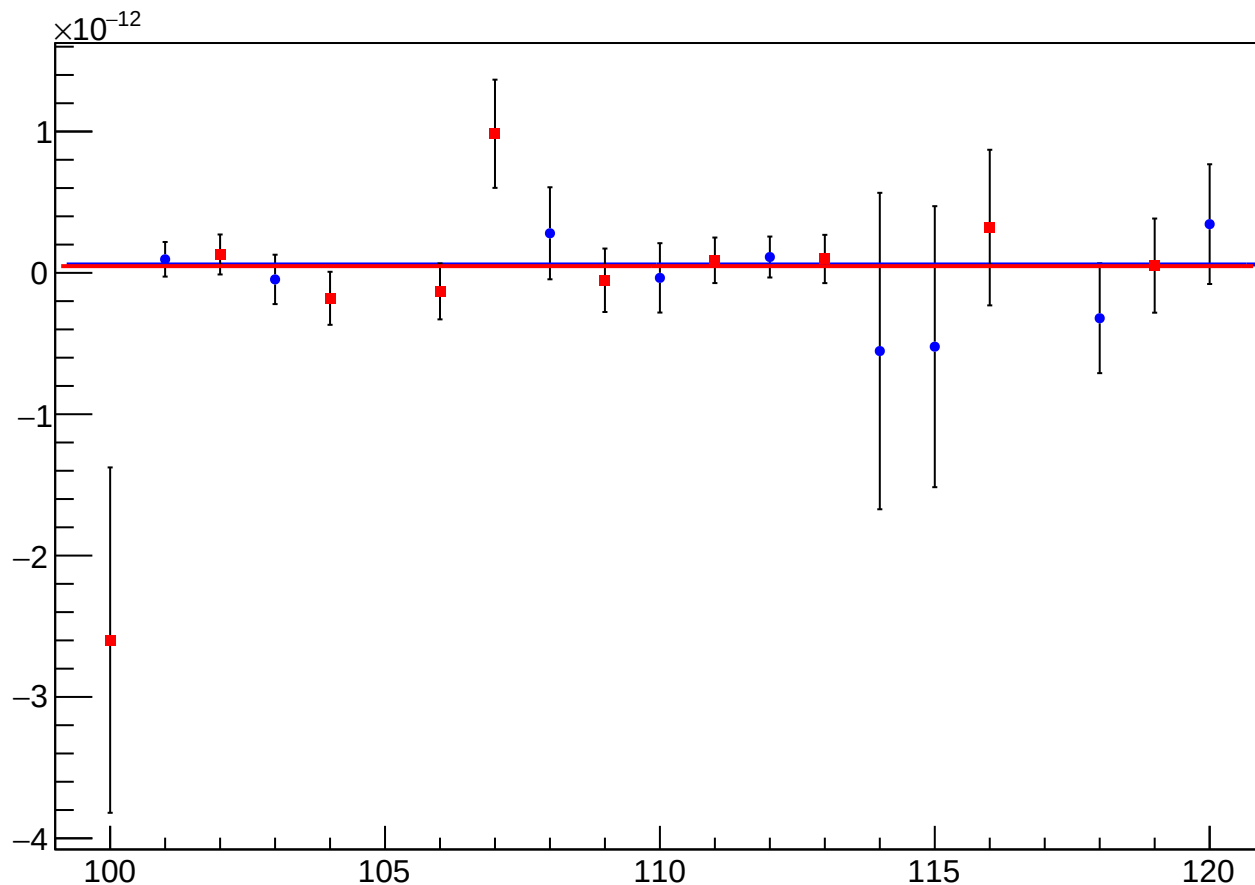
Right: 2149.976+/-0.561 χ^2/NDF : 810757.8/18

In: 2221.973+/-0.843 χ^2/NDF : 402239.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2149.976+/-0.561 χ^2/NDF : 810757.8/18

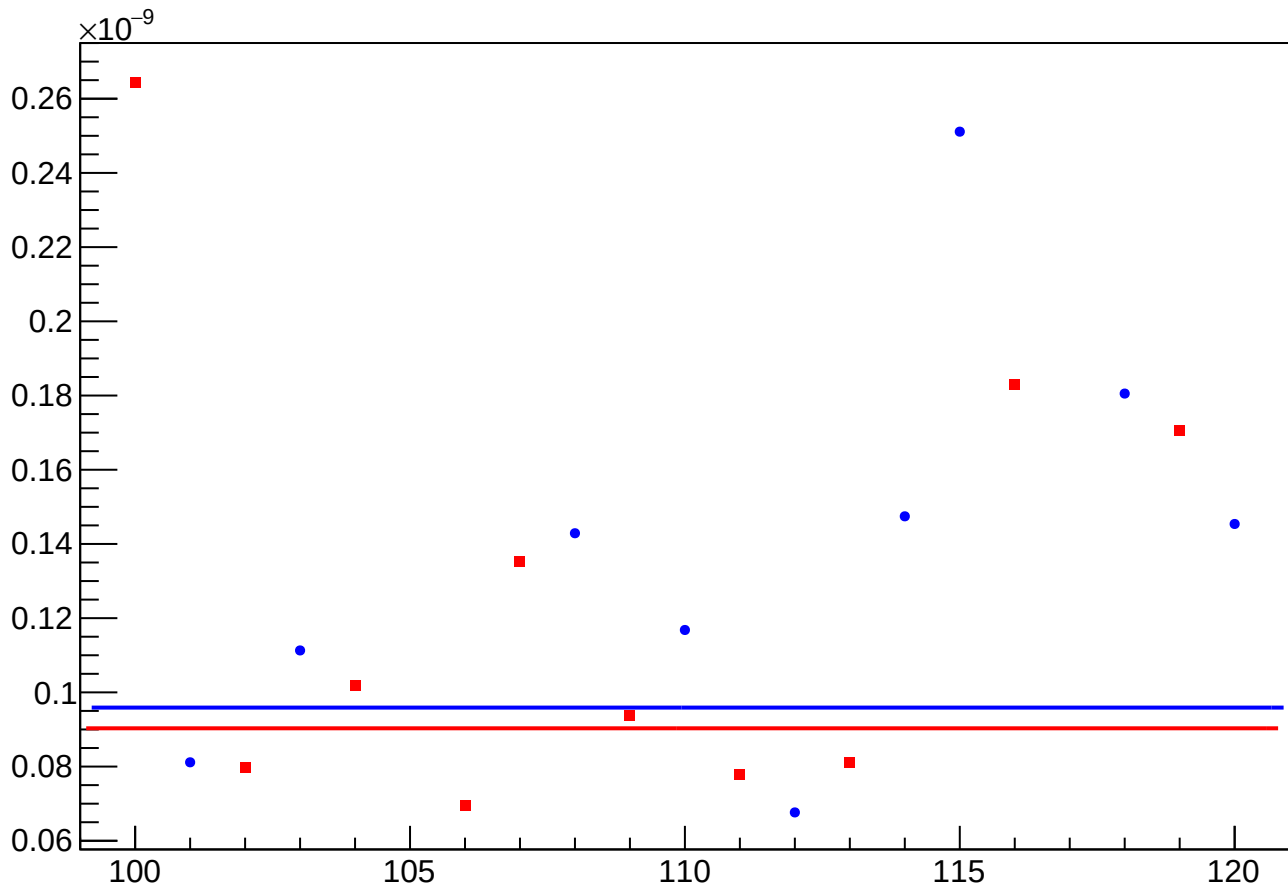
asym_sam4_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.2/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 13.9/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 17.2/18
 In: 0.000+/-0.000 χ^2/NDF : 3.2/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 17.2/18

asym_sam4_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 352073.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 299911.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

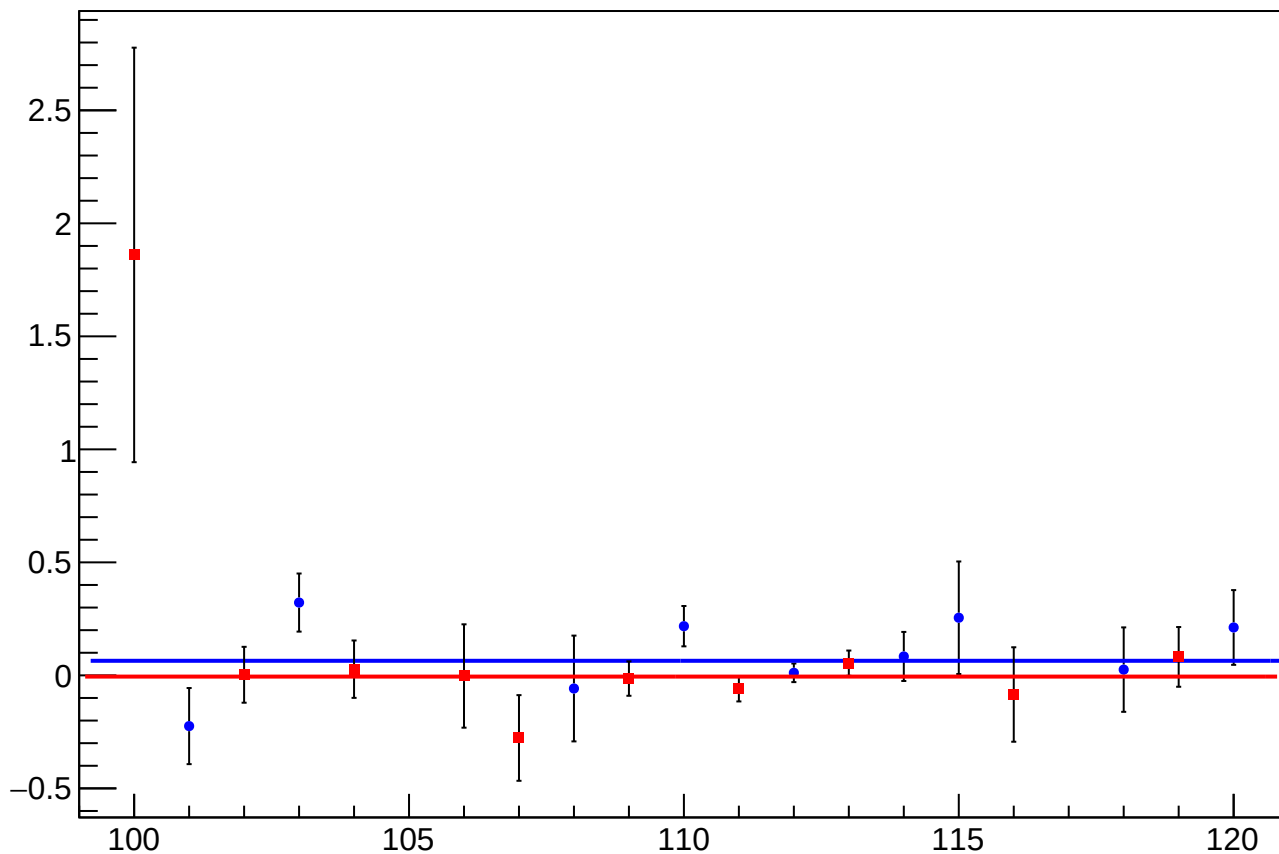
Right: 0.000+/-0.000 χ^2/NDF : 658240.2/18

In: 0.000+/-0.000 χ^2/NDF : 352073.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 658240.2/18

asym_sam4_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.064+/-0.032 χ^2/NDF : 13.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.005+/-0.030 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

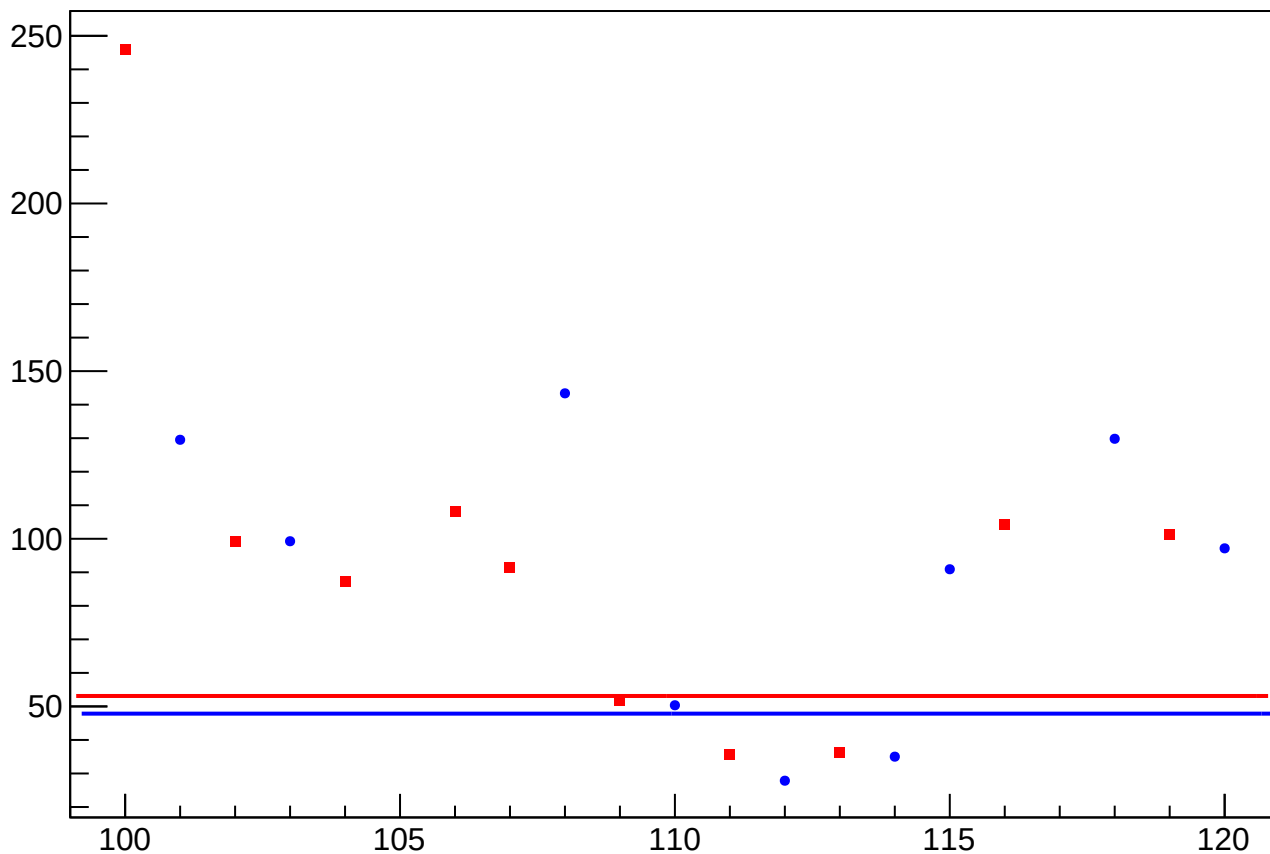
Right: 0.028+/-0.022 χ^2/NDF : 24.8/18

In: 0.064+/-0.032 χ^2/NDF : 13.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.022 χ^2/NDF : 24.8/18

asym_sam4_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.848+/-0.022 χ^2/NDF : 2248917.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.115+/-0.022 χ^2/NDF : 1482207.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

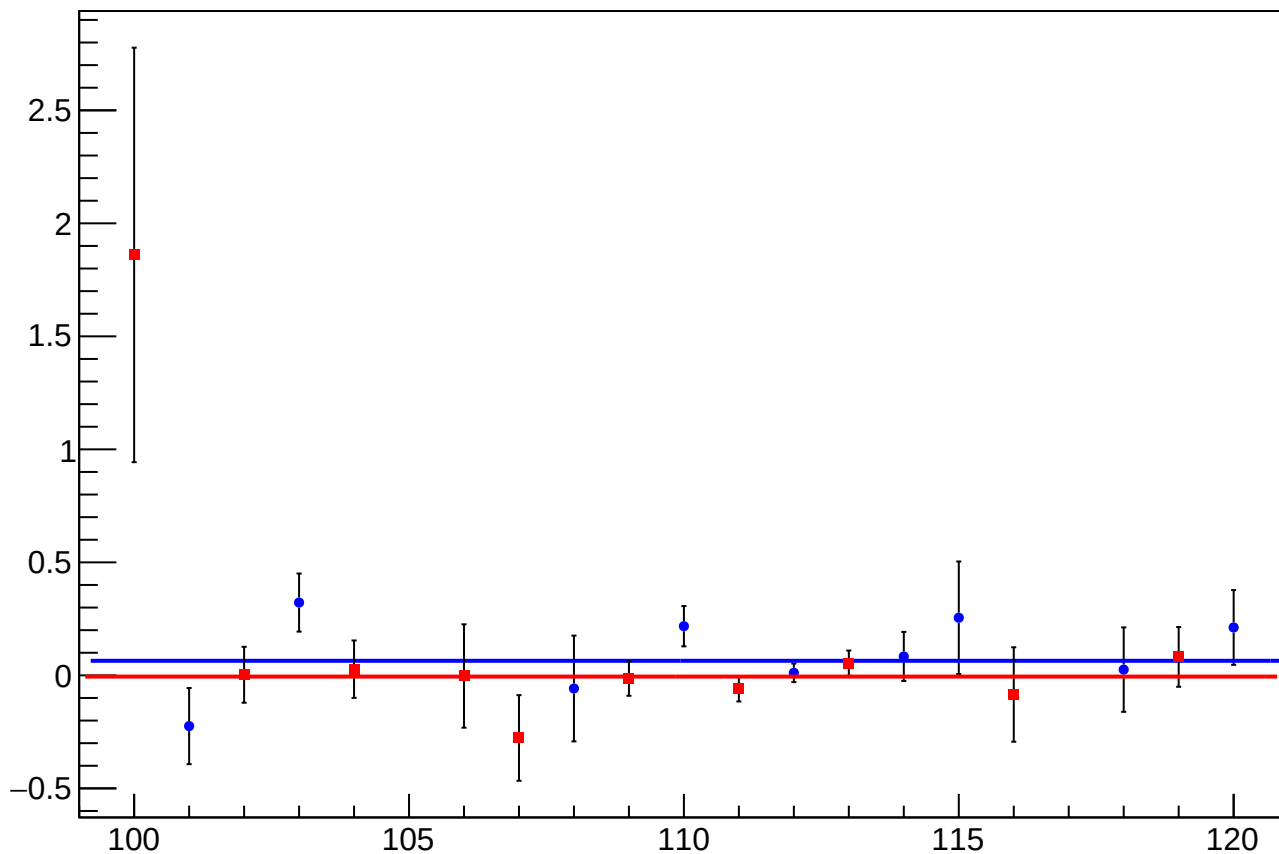
Right: 50.586+/-0.016 χ^2/NDF : 3759873.9/18

In: 47.848+/-0.022 χ^2/NDF : 2248917.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.586+/-0.016 χ^2/NDF : 3759873.9/18

asym_sam4_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.064+/-0.032 χ^2/NDF : 13.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.005+/-0.030 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

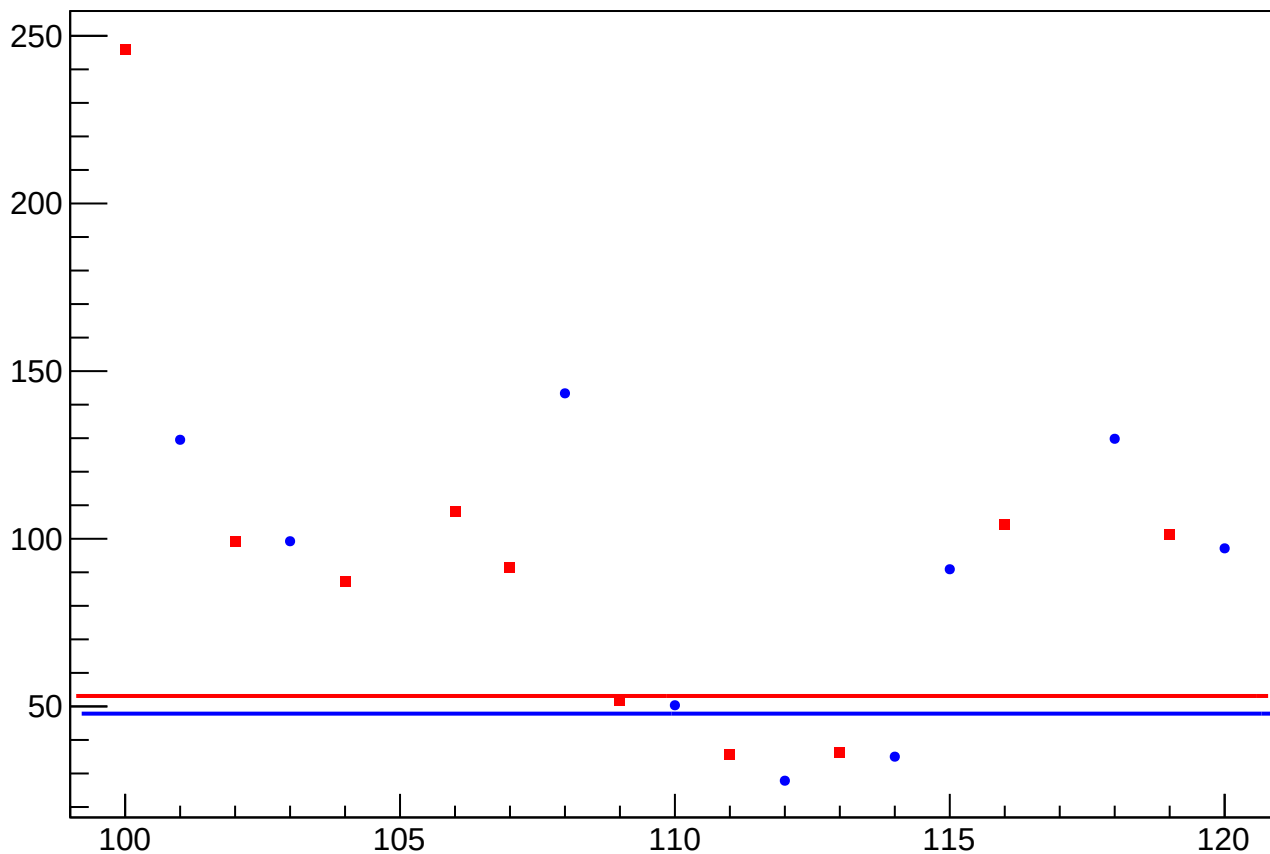
Right: 0.028+/-0.022 χ^2/NDF : 24.8/18

In: 0.064+/-0.032 χ^2/NDF : 13.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.022 χ^2/NDF : 24.8/18

asym_sam4_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.848+/-0.022 χ^2/NDF : 2248917.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.115+/-0.022 χ^2/NDF : 1482207.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

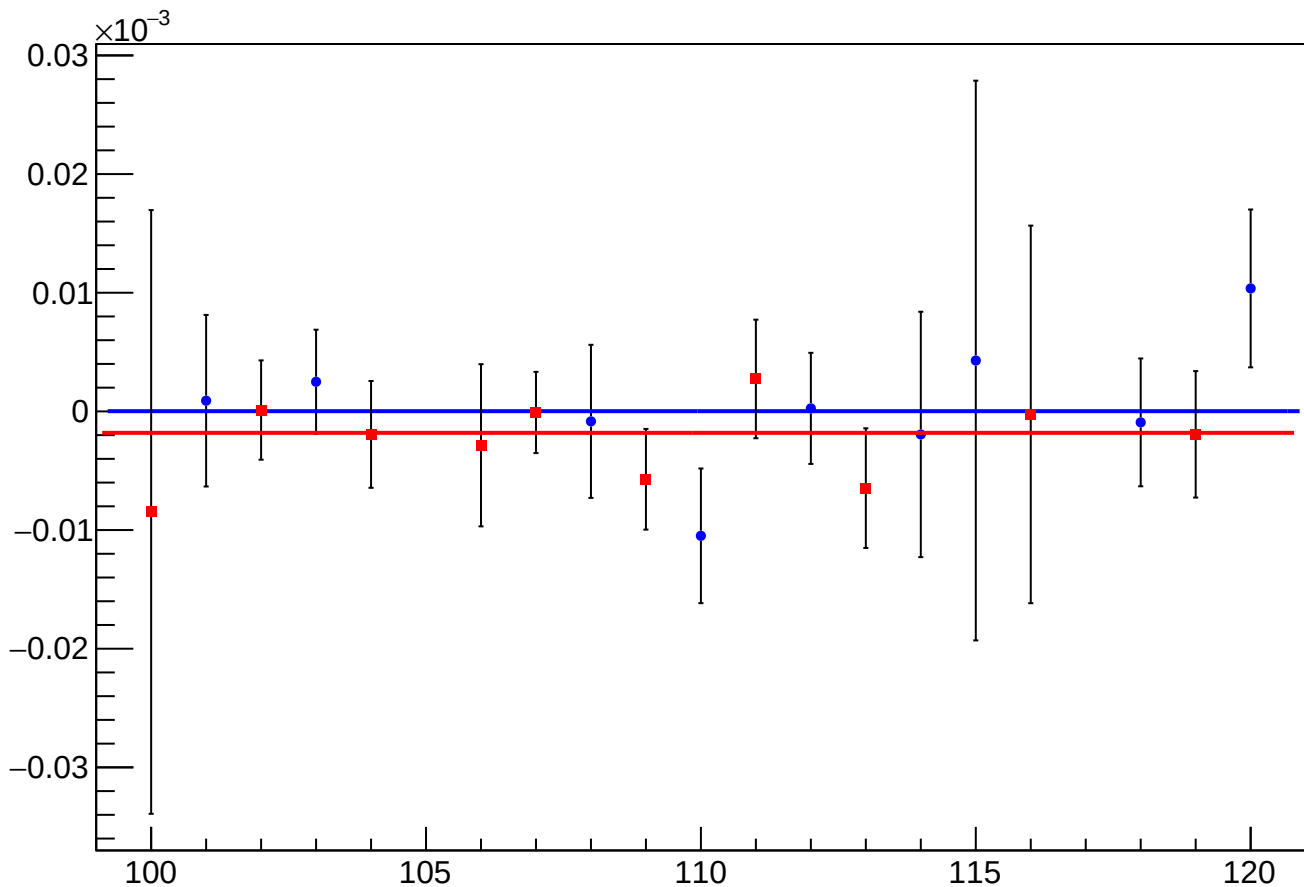
Right: 50.586+/-0.016 χ^2/NDF : 3759873.9/18

In: 47.848+/-0.022 χ^2/NDF : 2248917.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.586+/-0.016 χ^2/NDF : 3759873.9/18

asym_sam4_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 6.3/8

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 +/- 0.000 χ^2/NDF : 3.1/9

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

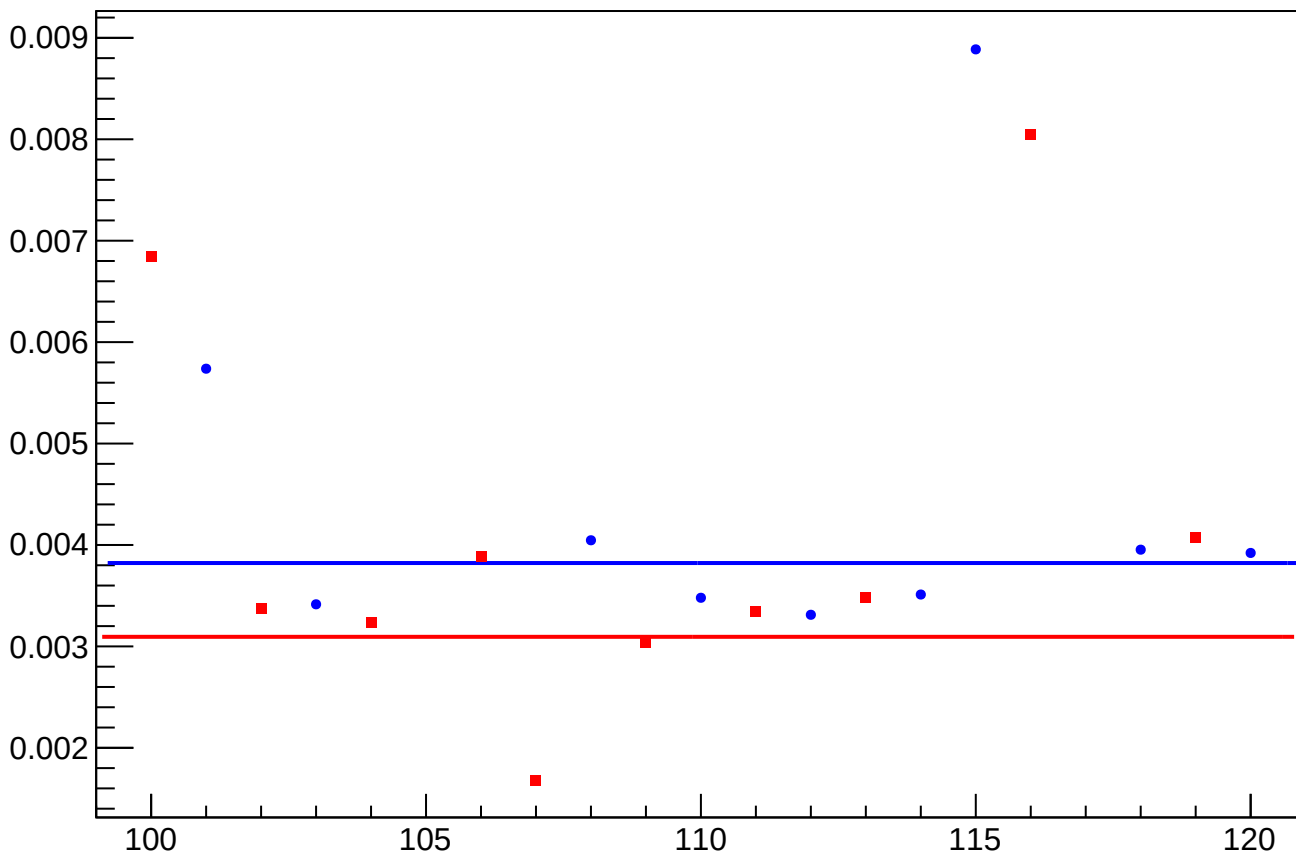
Right: -0.000 +/- 0.000 χ^2/NDF : 9.9/18

In: 0.000 +/- 0.000 χ^2/NDF : 6.3/8

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -0.000 +/- 0.000 χ^2/NDF : 9.9/18

asym_sam4_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 286797.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 701573.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

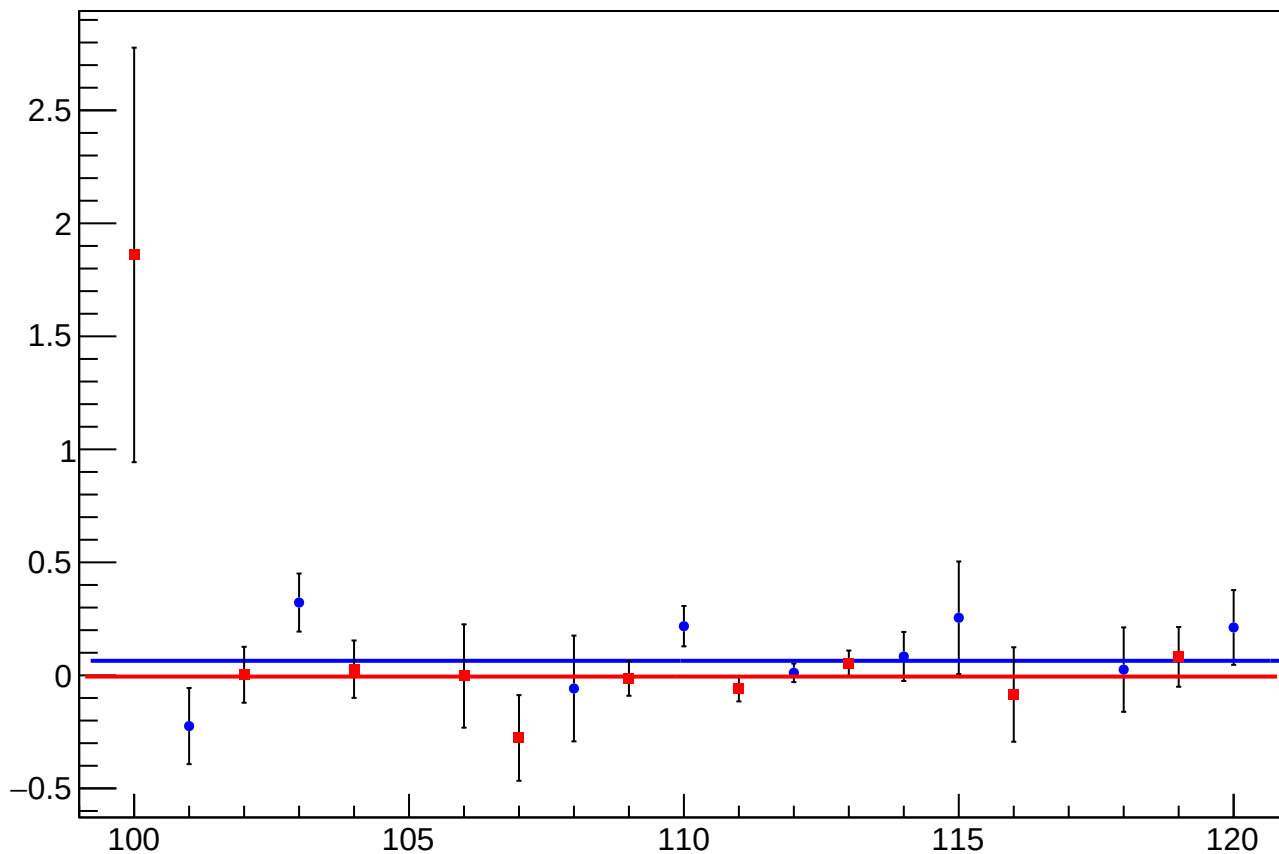
Right: 0.003+/-0.000 χ^2/NDF : 1145480.0/18

In: 0.004+/-0.000 χ^2/NDF : 286797.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 1145480.0/18

asym_sam4_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.064+/-0.032 χ^2/NDF : 13.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.005+/-0.030 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

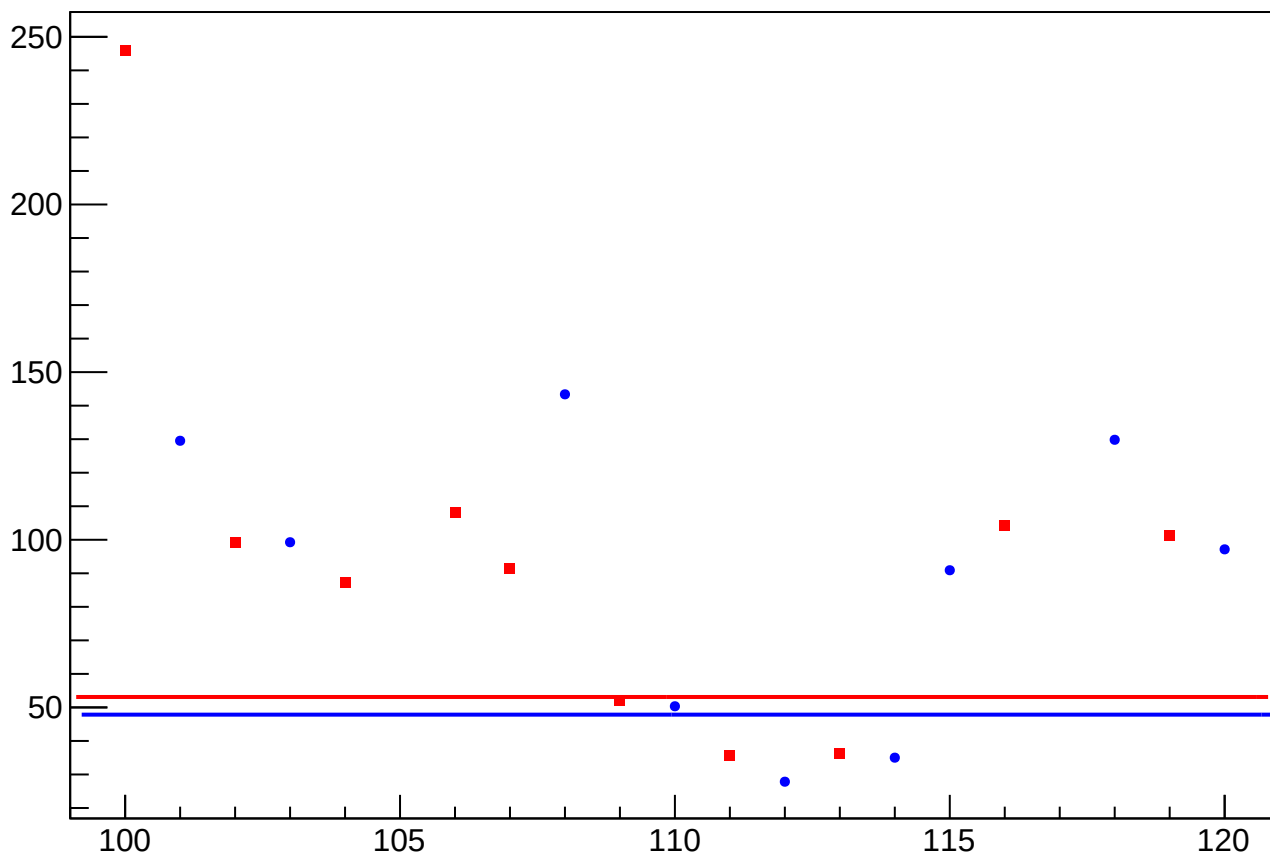
Right: 0.028+/-0.022 χ^2/NDF : 24.8/18

In: 0.064+/-0.032 χ^2/NDF : 13.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.022 χ^2/NDF : 24.8/18

asym_sam4_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.845+/-0.022 χ^2/NDF : 2249037.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.113+/-0.022 χ^2/NDF : 1482335.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

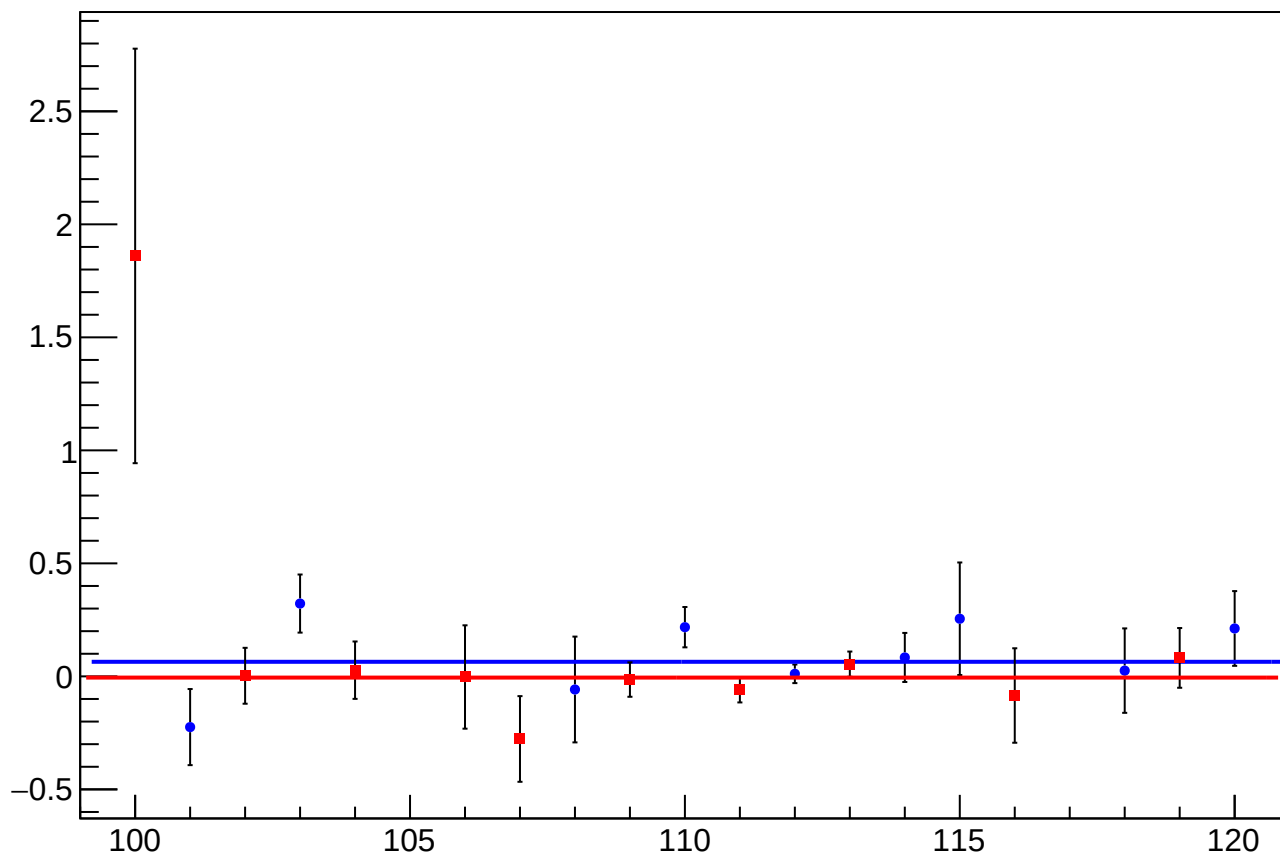
Right: 50.584+/-0.016 χ^2/NDF : 3760126.3/18

In: 47.845+/-0.022 χ^2/NDF : 2249037.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.584+/-0.016 χ^2/NDF : 3760126.3/18

asym_sam4_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.064+/-0.032 χ^2/NDF : 13.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.005+/-0.030 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

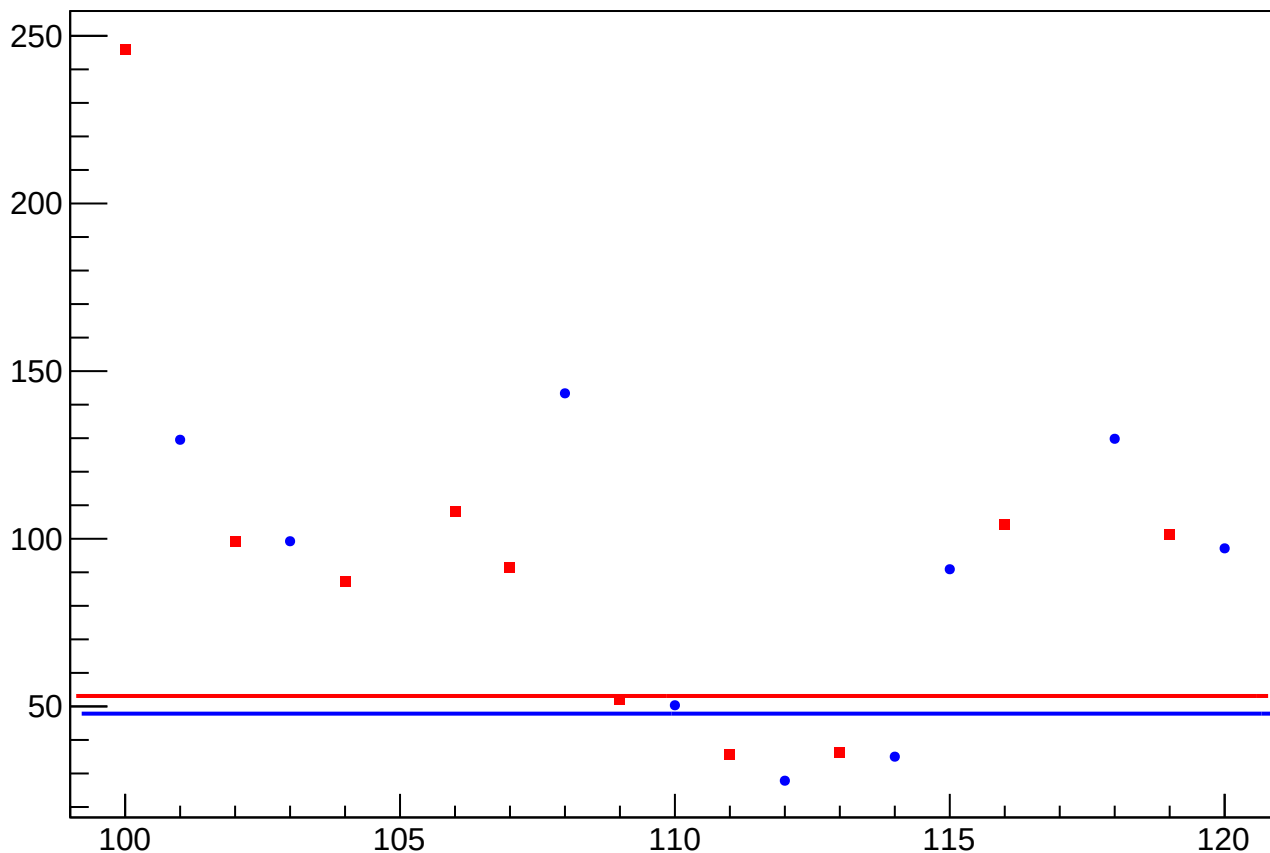
Right: 0.028+/-0.022 χ^2/NDF : 24.8/18

In: 0.064+/-0.032 χ^2/NDF : 13.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.022 χ^2/NDF : 24.8/18

asym_sam4_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.845+/-0.022 χ^2/NDF : 2249037.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.113+/-0.022 χ^2/NDF : 1482335.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

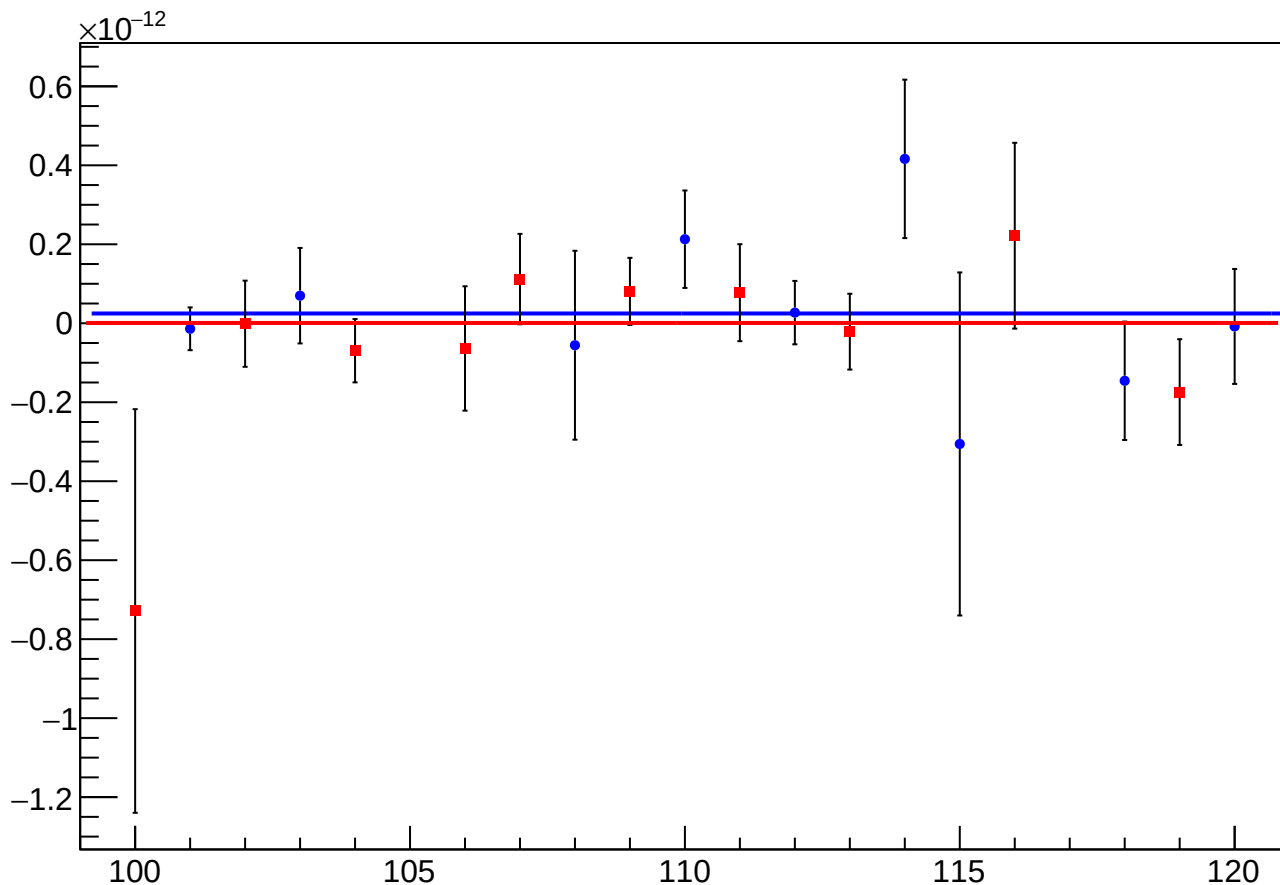
Right: 50.584+/-0.016 χ^2/NDF : 3760126.3/18

In: 47.845+/-0.022 χ^2/NDF : 2249037.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.584+/-0.016 χ^2/NDF : 3760126.3/18

asym_sam4_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

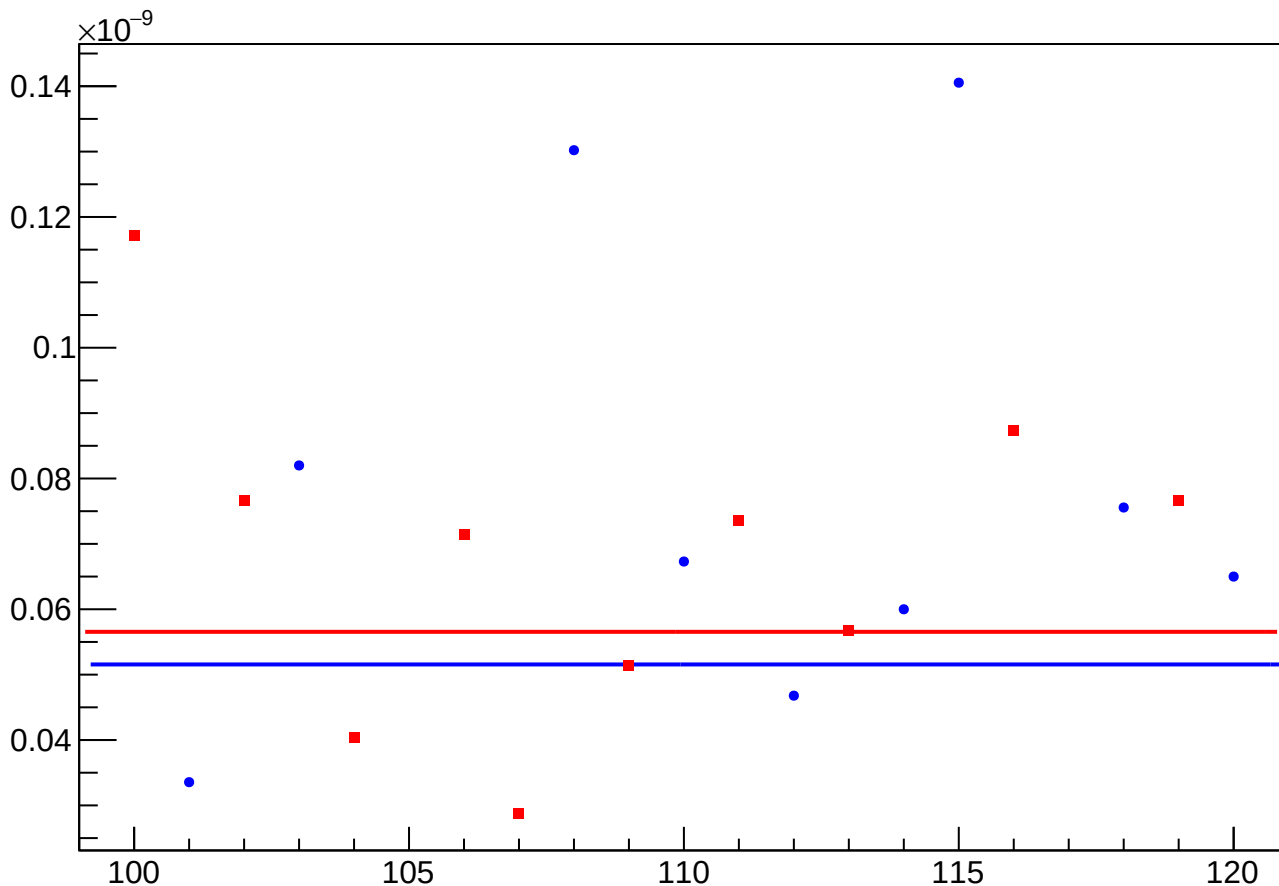
Right: 0.000+/-0.000 χ^2/NDF : 16.9/18

In: 0.000+/-0.000 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.9/18

asym_sam4_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 759344.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 437241.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

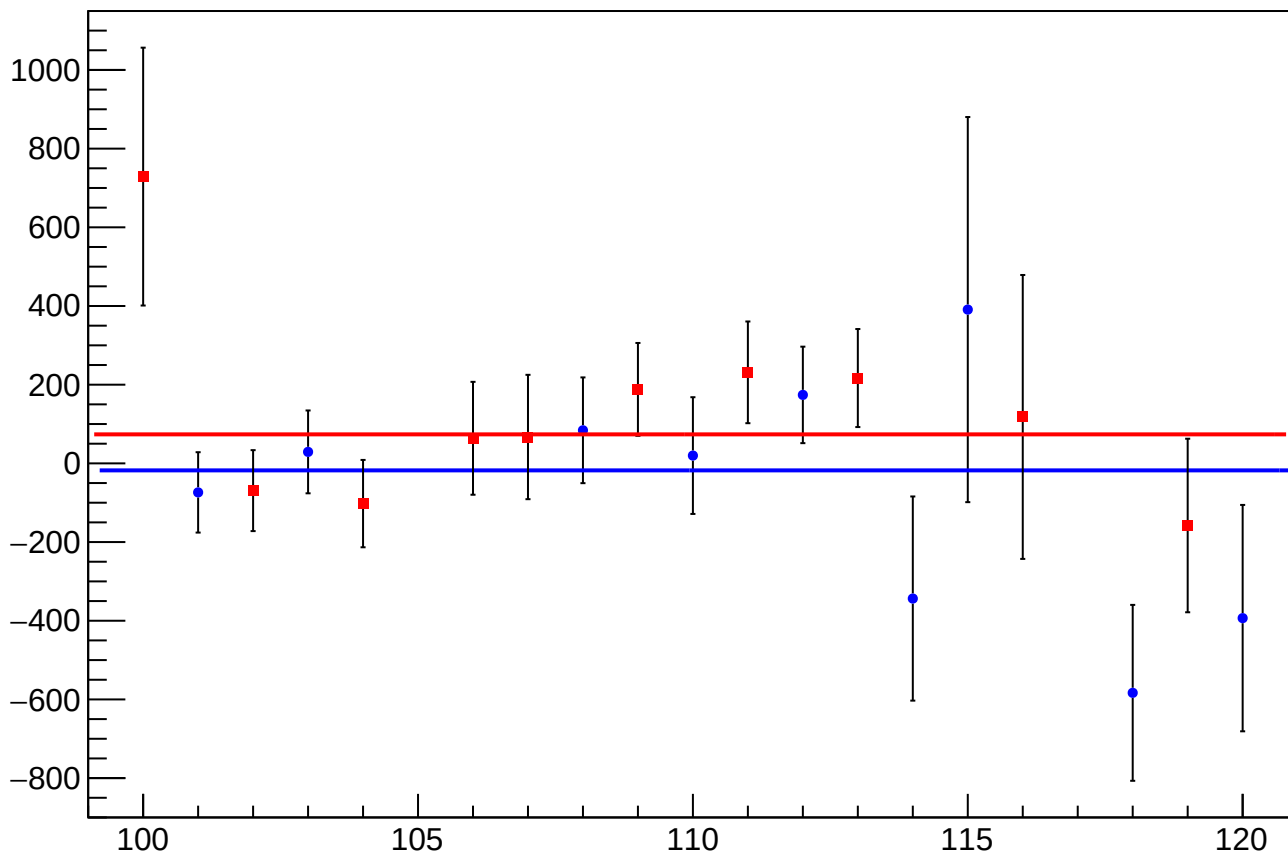
Right: 0.000+/-0.000 χ^2/NDF : 1215459.3/18

In: 0.000+/-0.000 χ^2/NDF : 759344.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1215459.3/18

reg_asym_sam5_mean vs Slug, Sign Corrected



Right In: -17.810+/-49.722 χ^2/NDF : 14.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.727+/-44.816 χ^2/NDF : 13.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

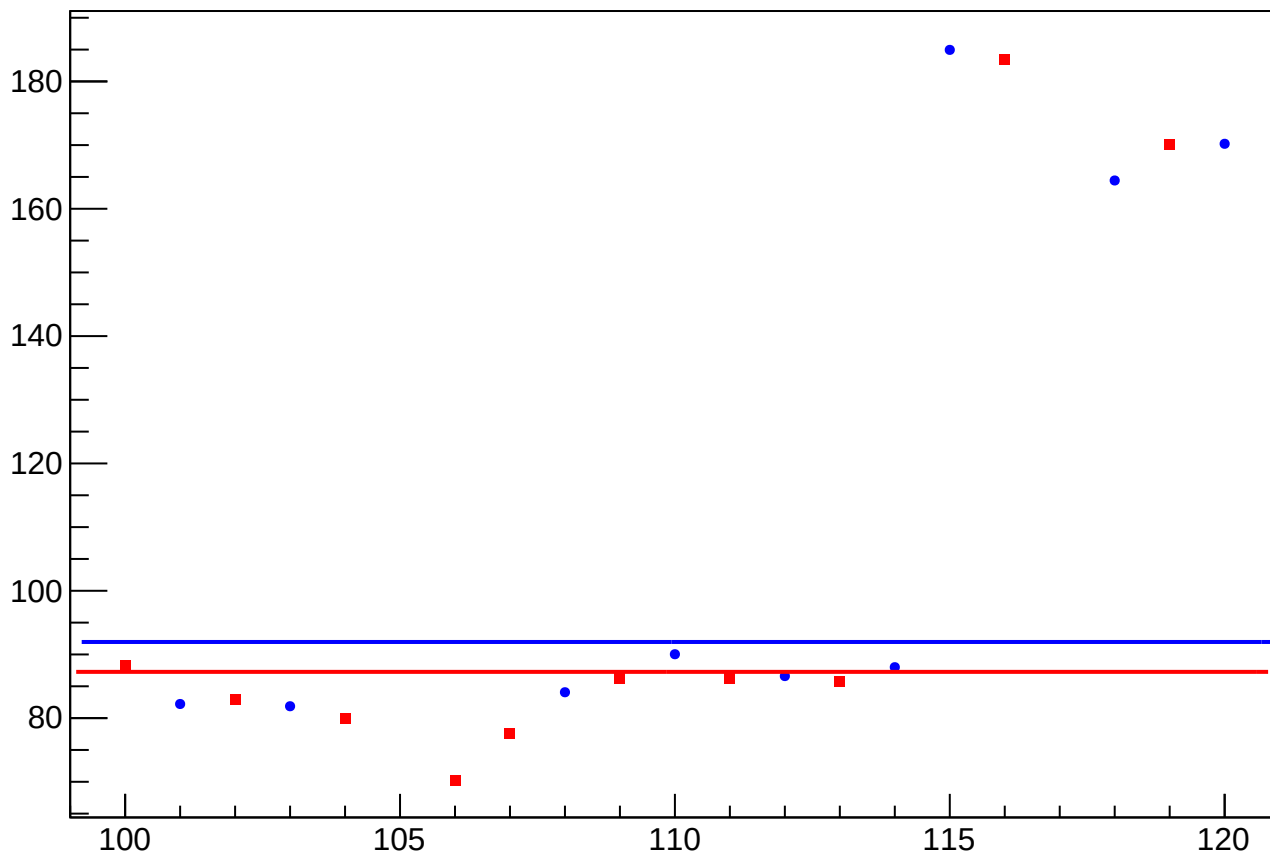
Right: 32.696+/-33.290 χ^2/NDF : 29.1/18

In: -17.810+/-49.722 χ^2/NDF : 14.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.696+/-33.290 χ^2/NDF : 29.1/18

reg_asym_sam5_rms vs Slug, Sign Corrected



Right In: 91.960+/-0.035 χ^2/NDF : 478438.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.265+/-0.032 χ^2/NDF : 473309.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

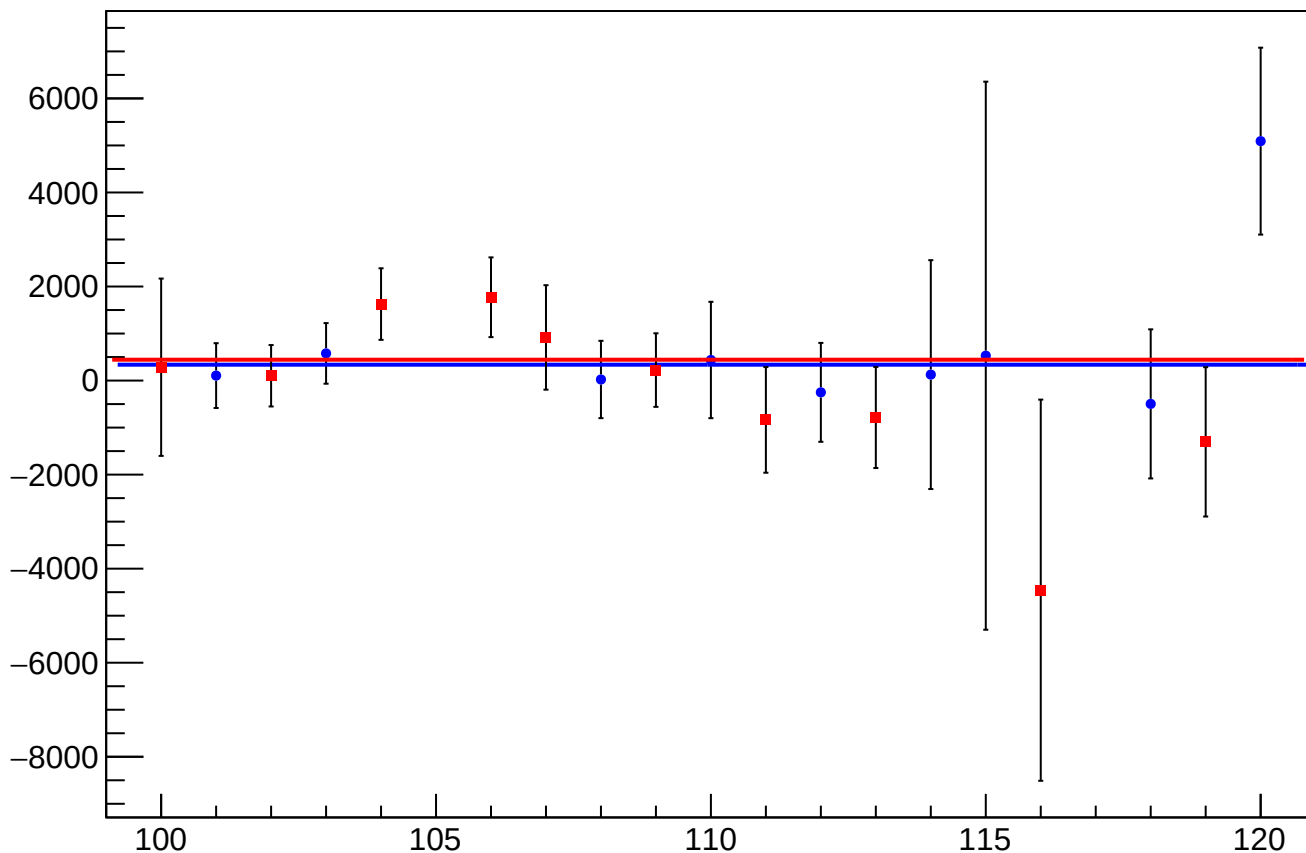
Right: 89.370+/-0.024 χ^2/NDF : 961586.7/18

In: 91.960+/-0.035 χ^2/NDF : 478438.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.370+/-0.024 χ^2/NDF : 961586.7/18

asym_sam5_reg_correction_mean vs Slug, Sign Corrected



Right In: 337.628+/-345.016 χ^2/NDF : 6.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 443.677+/-311.538 χ^2/NDF : 10.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

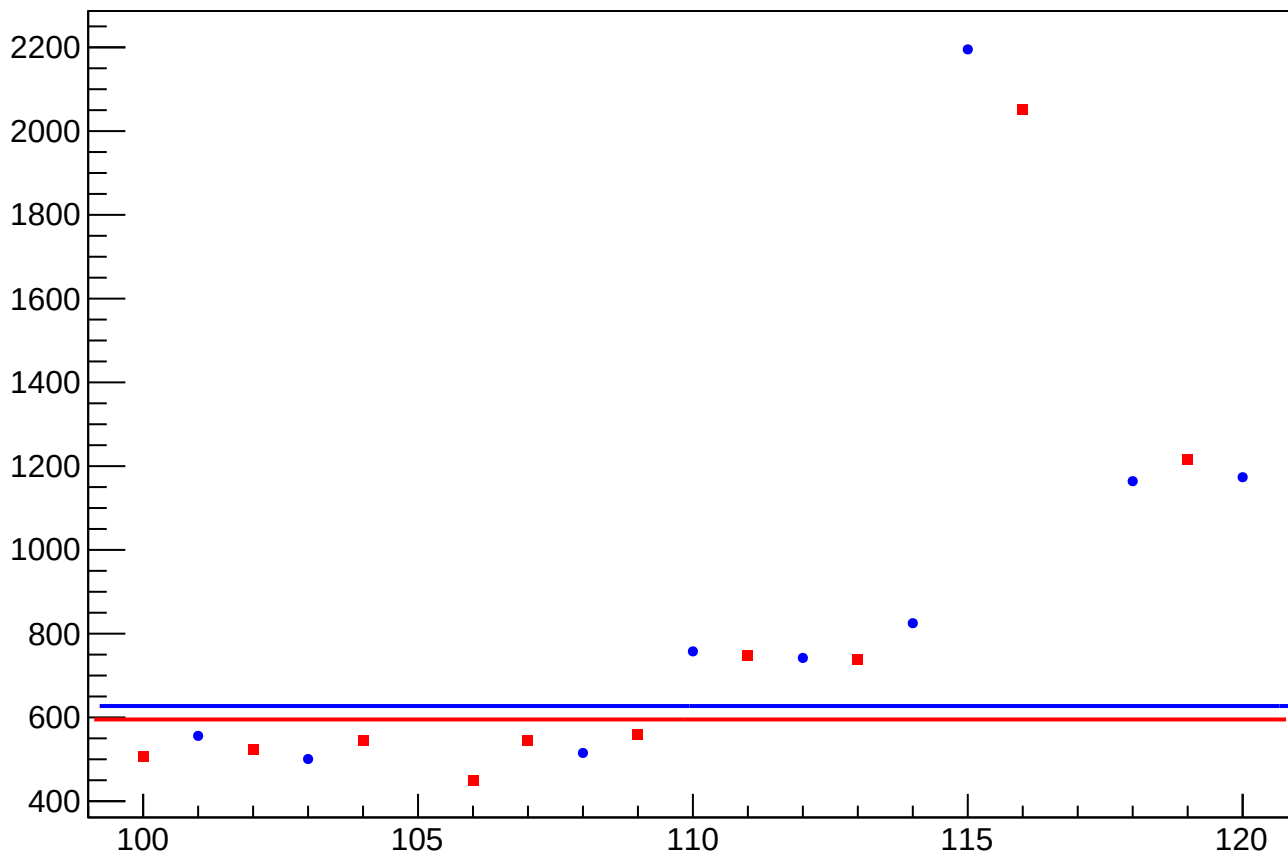
Right: 396.046+/-231.223 χ^2/NDF : 17.5/18

In: 337.628+/-345.016 χ^2/NDF : 6.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 396.046+/-231.223 χ^2/NDF : 17.5/18

asym_sam5_reg_correction_rms vs Slug, Sign Corrected



Right In: 627.206+/-0.244 χ^2/NDF : 720185.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 595.094+/-0.220 χ^2/NDF : 740412.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

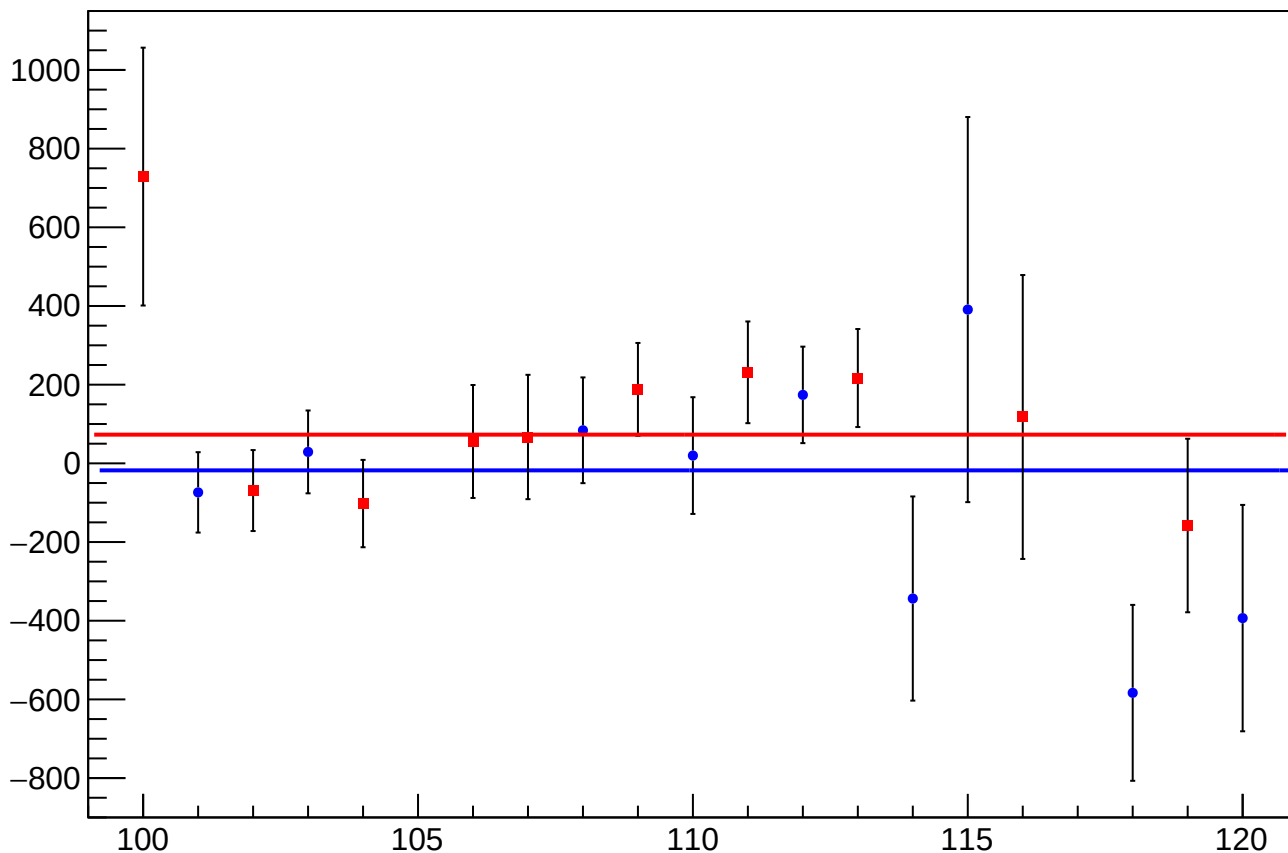
Right: 609.517+/-0.163 χ^2/NDF : 1470141.9/18

In: 627.206+/-0.244 χ^2/NDF : 720185.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 609.517+/-0.163 χ^2/NDF : 1470141.9/18

cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: -17.831 ± 49.722 χ^2/NDF : 14.0/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 72.973 ± 44.821 χ^2/NDF : 13.3/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

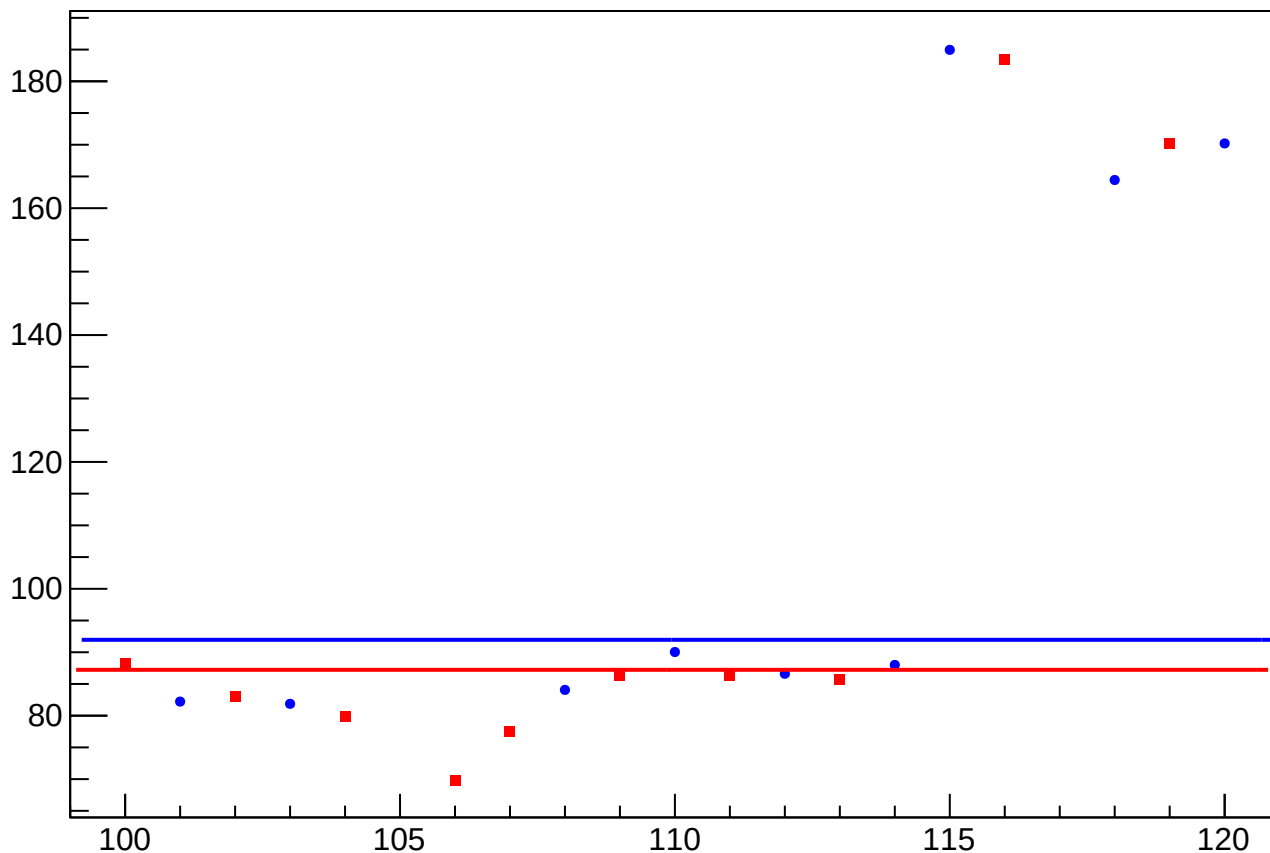
Right: 32.266 ± 33.291 χ^2/NDF : 29.1/18

In: -17.831 ± 49.722 χ^2/NDF : 14.0/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 32.266 ± 33.291 χ^2/NDF : 29.1/18

cor_asym_sam5_rms vs Slug, Sign Corrected



Right In: 91.960 ± 0.035 $\chi^2/\text{NDF}: 478438.2/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 87.229 ± 0.032 $\chi^2/\text{NDF}: 474652.8/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

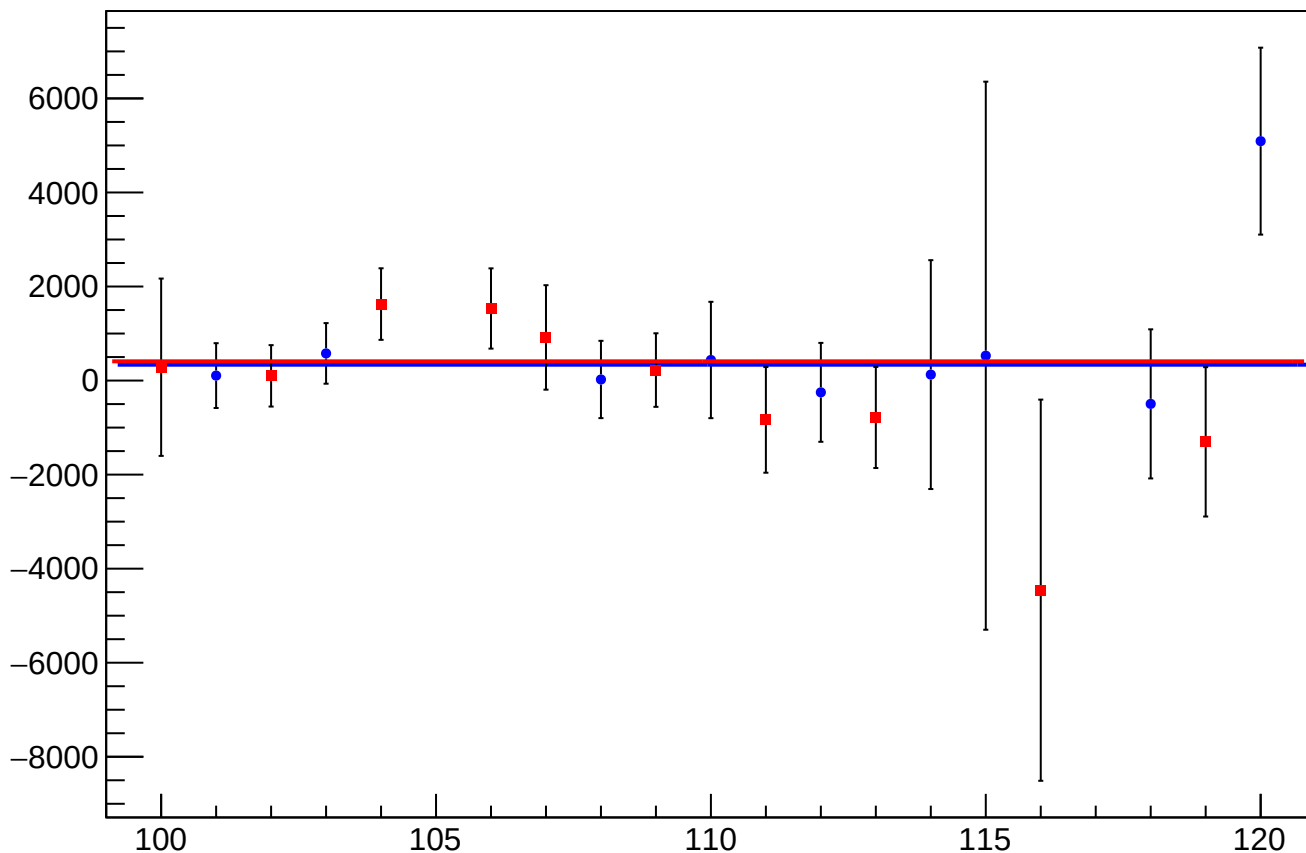
Right: 89.350 ± 0.024 $\chi^2/\text{NDF}: 963079.5/18$

In: 91.960 ± 0.035 $\chi^2/\text{NDF}: 478438.2/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 89.350 ± 0.024 $\chi^2/\text{NDF}: 963079.5/18$

asym_sam5_cor_correction_mean vs Slug, Sign Corrected



Right In: 337.630+/-345.016 χ^2/NDF : 6.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 409.042+/-311.812 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

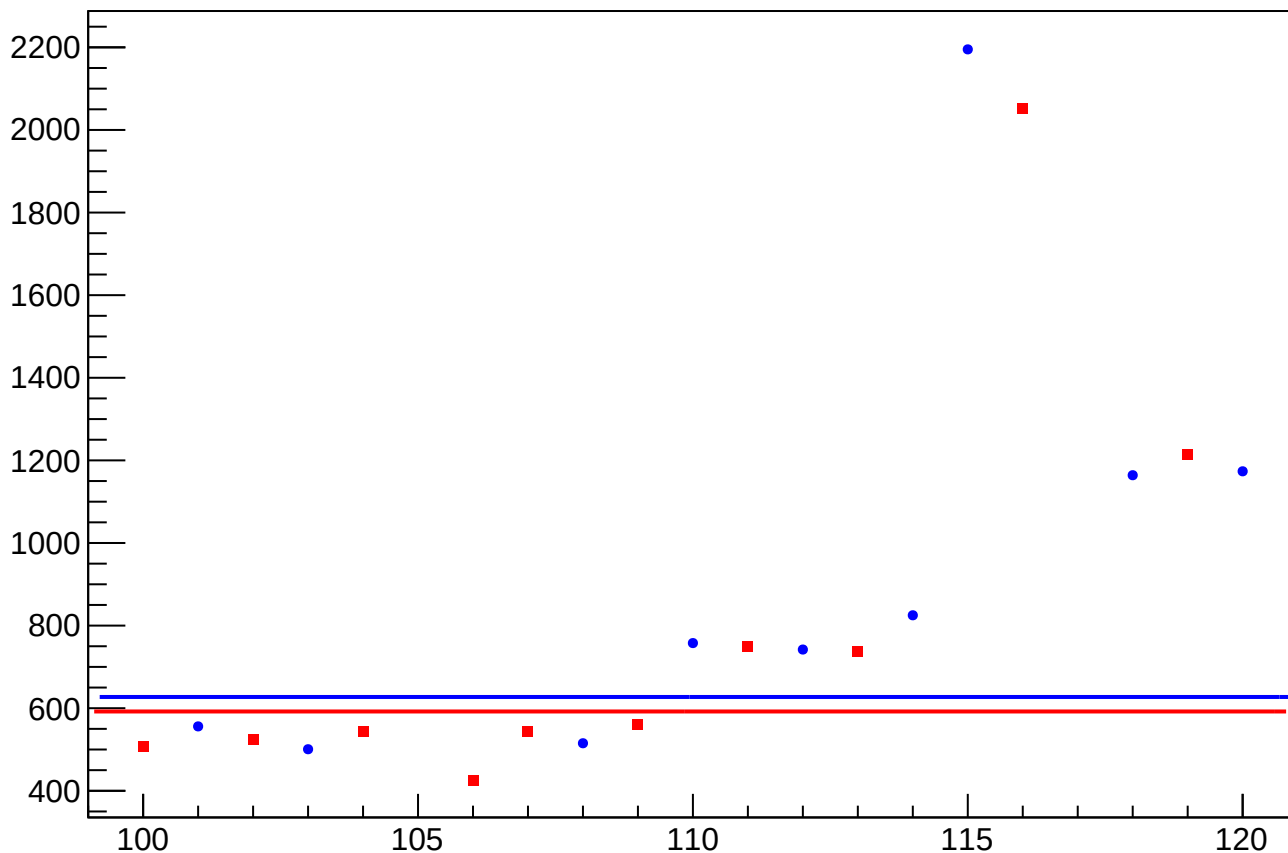
Right: 376.937+/-231.335 χ^2/NDF : 16.6/18

In: 337.630+/-345.016 χ^2/NDF : 6.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 376.937+/-231.335 χ^2/NDF : 16.6/18

asym_sam5_cor_correction_rms vs Slug, Sign Corrected



Right In: 627.206+/-0.244 χ^2/NDF : 720186.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 592.094+/-0.220 χ^2/NDF : 760646.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

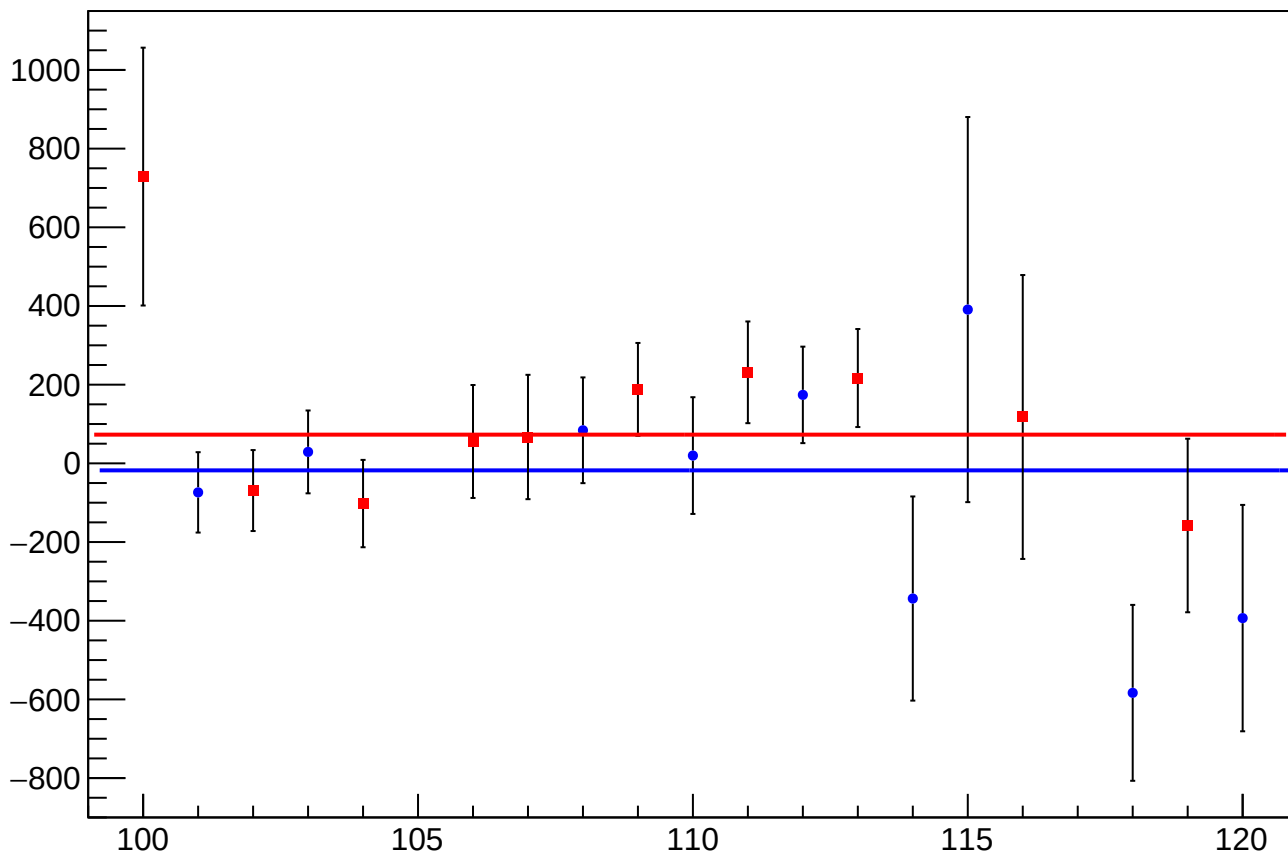
Right: 607.880+/-0.164 χ^2/NDF : 1492233.4/18

In: 627.206+/-0.244 χ^2/NDF : 720186.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 607.880+/-0.164 χ^2/NDF : 1492233.4/18

eigen_cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: -17.831 ± 49.722 $\chi^2/\text{NDF}: 14.0/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 72.973 ± 44.821 $\chi^2/\text{NDF}: 13.3/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

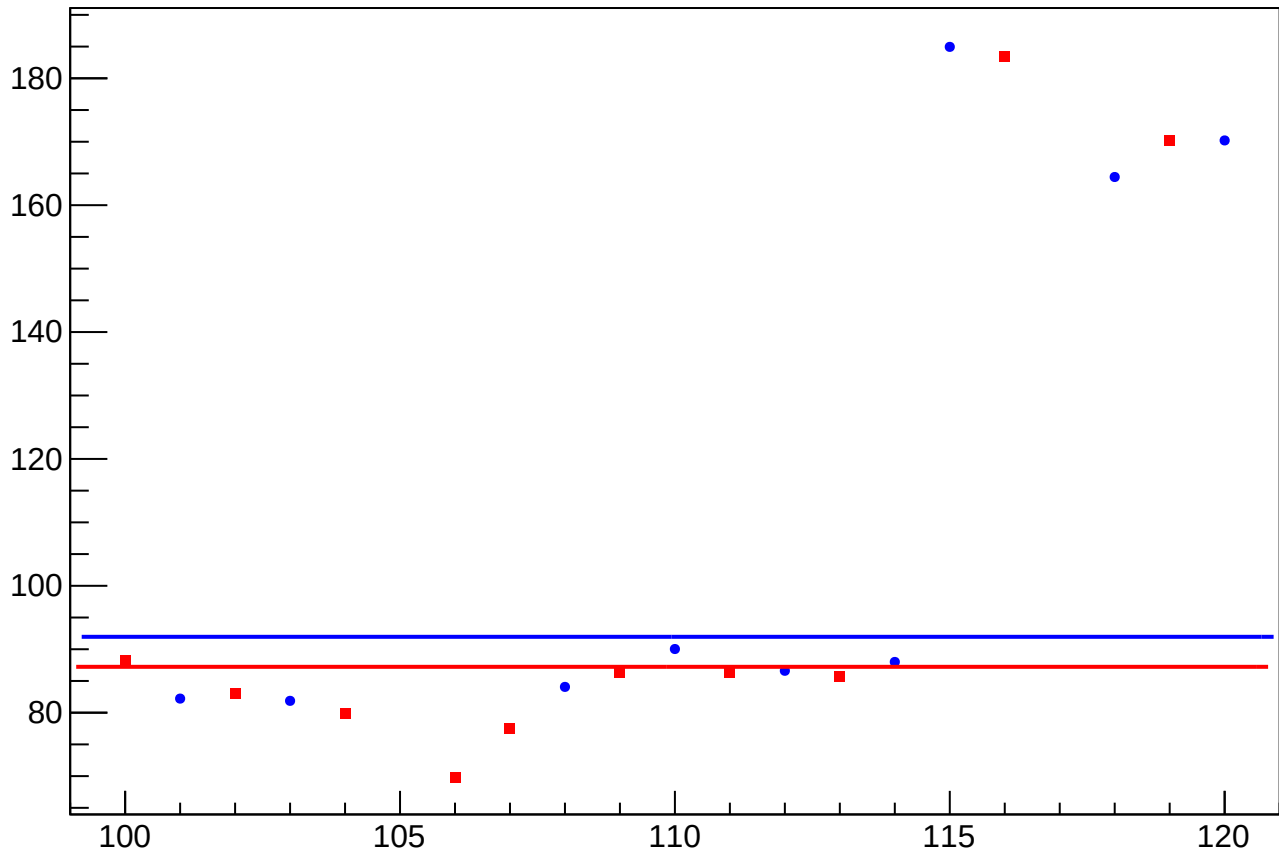
Right: 32.266 ± 33.291 $\chi^2/\text{NDF}: 29.1/18$

In: -17.831 ± 49.722 $\chi^2/\text{NDF}: 14.0/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 32.266 ± 33.291 $\chi^2/\text{NDF}: 29.1/18$

eigen_cor_asym_sam5_rms vs Slug, Sign Corrected



Right In: 91.960+/-0.035 χ^2/NDF : 478438.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.229+/-0.032 χ^2/NDF : 474652.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

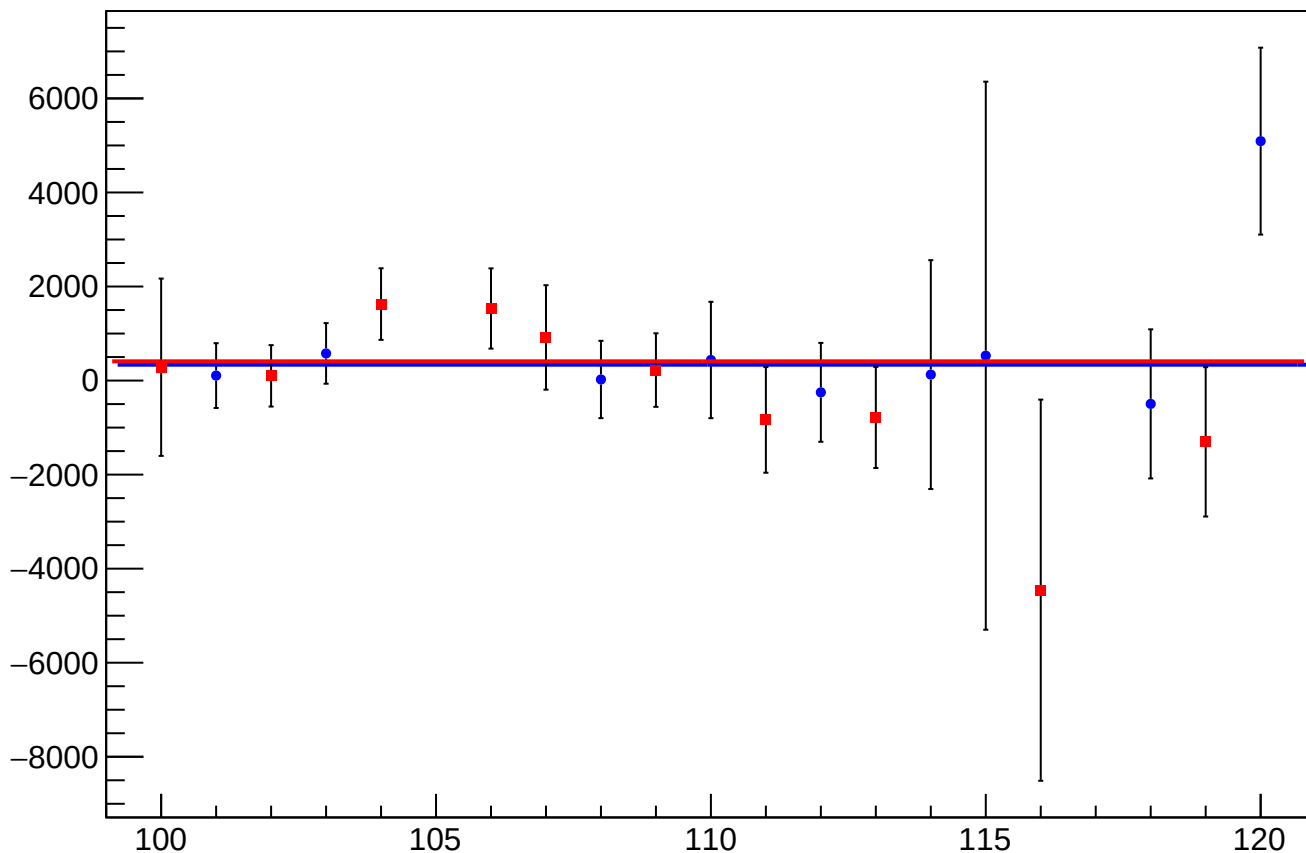
Right: 89.350+/-0.024 χ^2/NDF : 963079.5/18

In: 91.960+/-0.035 χ^2/NDF : 478438.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.350+/-0.024 χ^2/NDF : 963079.5/18

asym_sam5_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 337.630+/-345.016 χ^2/NDF : 6.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 409.042+/-311.812 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

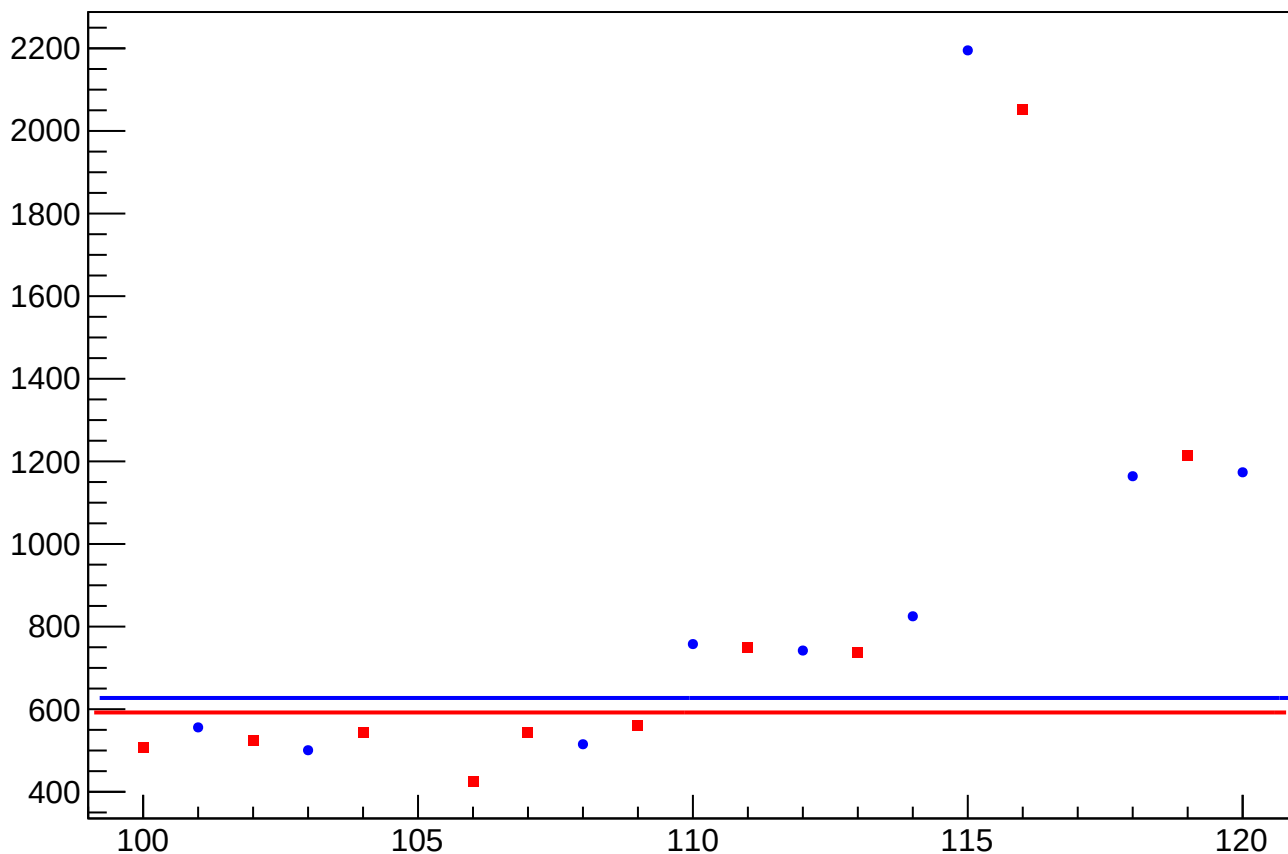
Right: 376.937+/-231.335 χ^2/NDF : 16.6/18

In: 337.630+/-345.016 χ^2/NDF : 6.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 376.937+/-231.335 χ^2/NDF : 16.6/18

asym_sam5_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 627.206+/-0.244 χ^2/NDF : 720186.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 592.094+/-0.220 χ^2/NDF : 760646.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

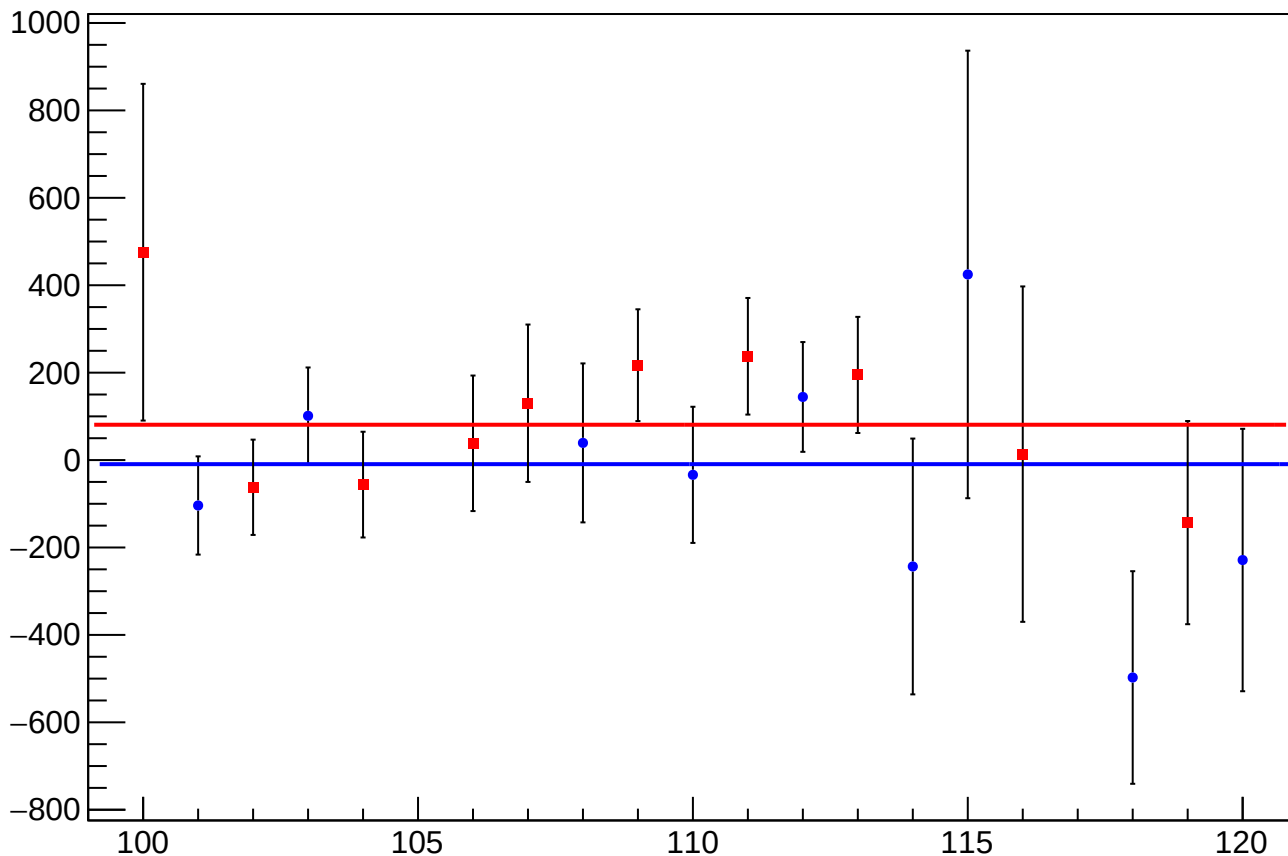
Right: 607.880+/-0.164 χ^2/NDF : 1492233.4/18

In: 627.206+/-0.244 χ^2/NDF : 720186.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 607.880+/-0.164 χ^2/NDF : 1492233.4/18

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: -9.346+/-54.291 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 80.839+/-48.167 χ^2/NDF : 8.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

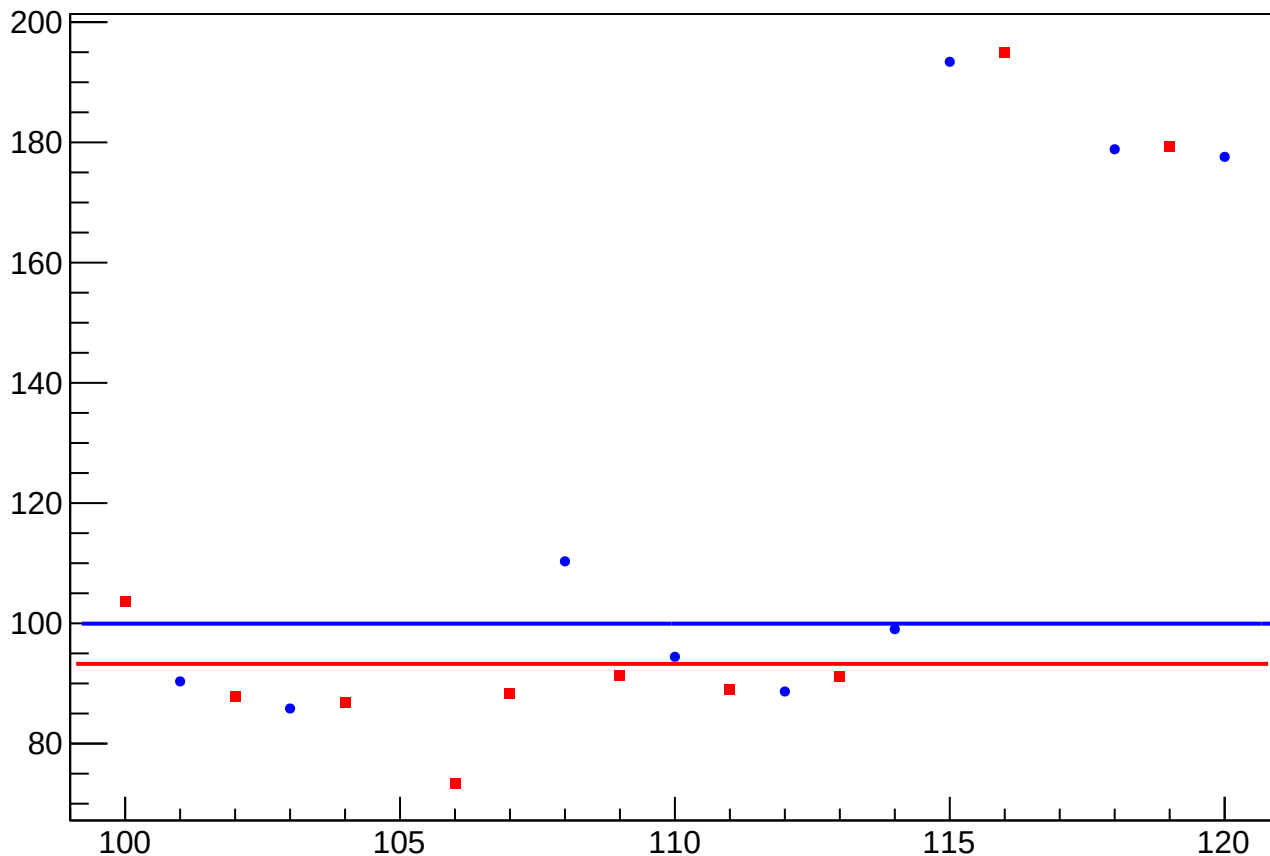
Right: 41.118+/-36.031 χ^2/NDF : 19.2/18

In: -9.346+/-54.291 χ^2/NDF :9.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 41.118+/-36.031 χ^2/NDF : 19.2/18

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 99.944+/-0.038 χ^2/NDF : 483322.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.264+/-0.034 χ^2/NDF : 463768.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

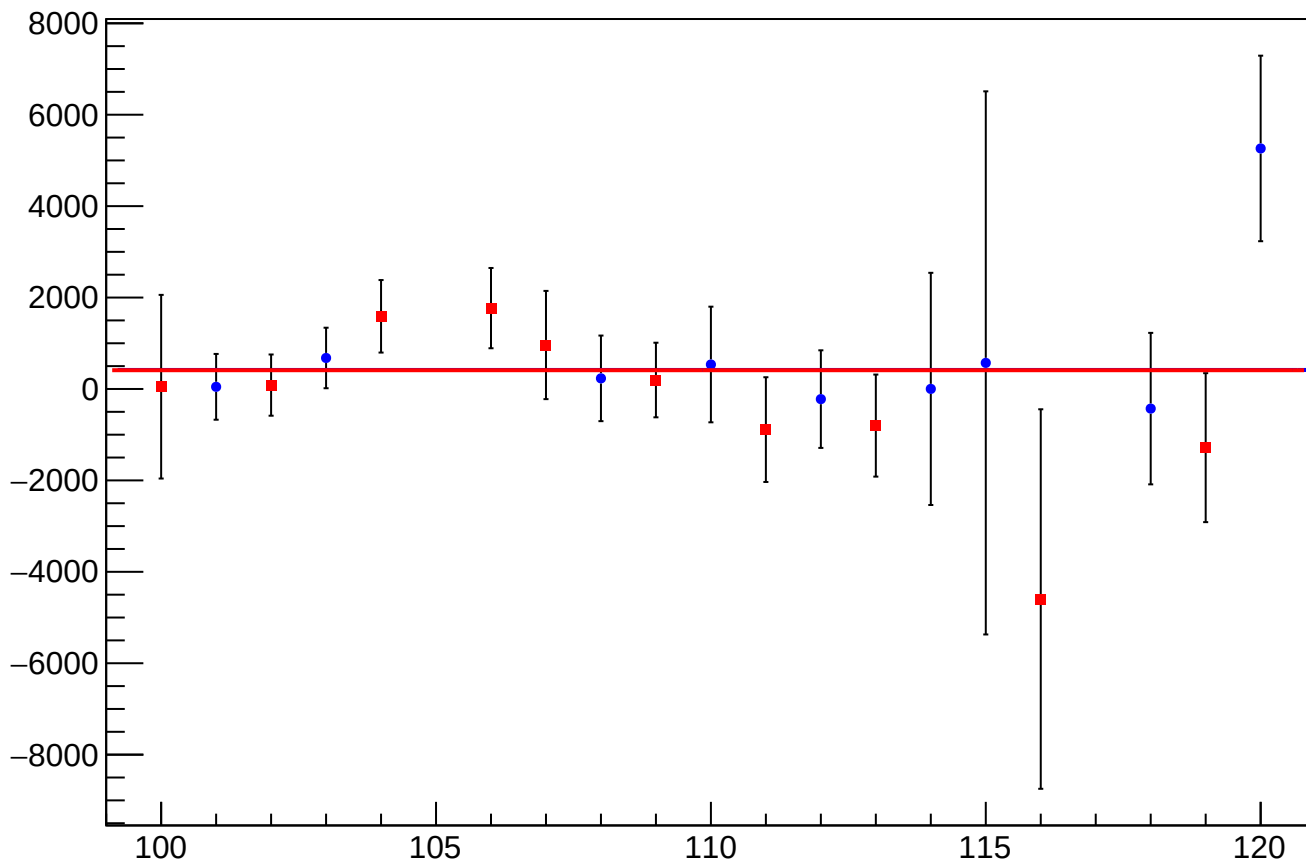
Right: 96.206+/-0.025 χ^2/NDF : 964034.5/18

In: 99.944+/-0.038 χ^2/NDF : 483322.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.206+/-0.025 χ^2/NDF : 964034.5/18

asym_sam5_dit_correction_mean vs Slug, Sign Corrected



Right In: 416.014+/-361.616 χ^2/NDF : 6.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 410.623+/-323.104 χ^2/NDF : 10.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

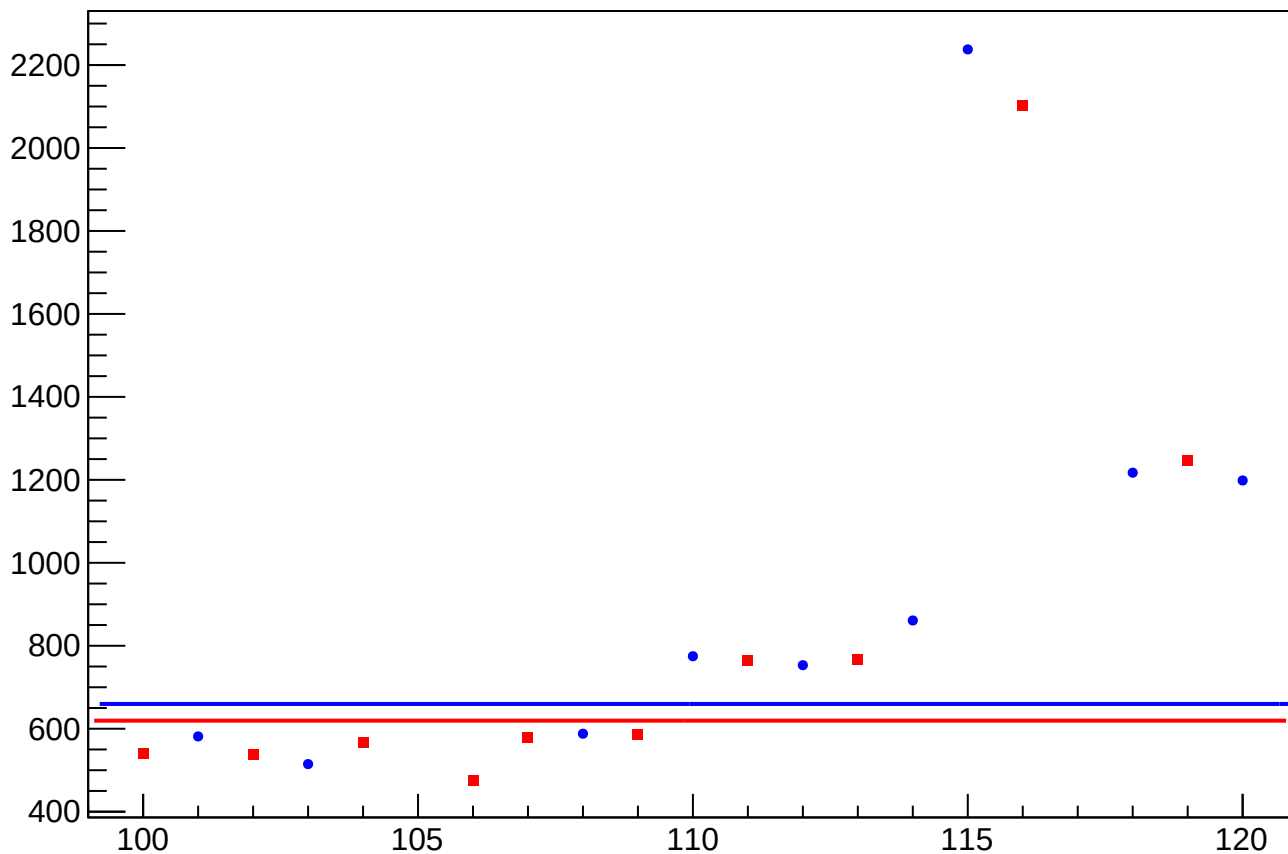
Right: 413.016+/-240.939 χ^2/NDF : 17.0/18

In: 416.014+/-361.616 χ^2/NDF : 6.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 413.016+/-240.939 χ^2/NDF : 17.0/18

asym_sam5_dit_correction_rms vs Slug, Sign Corrected



Right In: 659.730+/-0.256 χ^2/NDF : 684196.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 619.427+/-0.228 χ^2/NDF : 720096.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

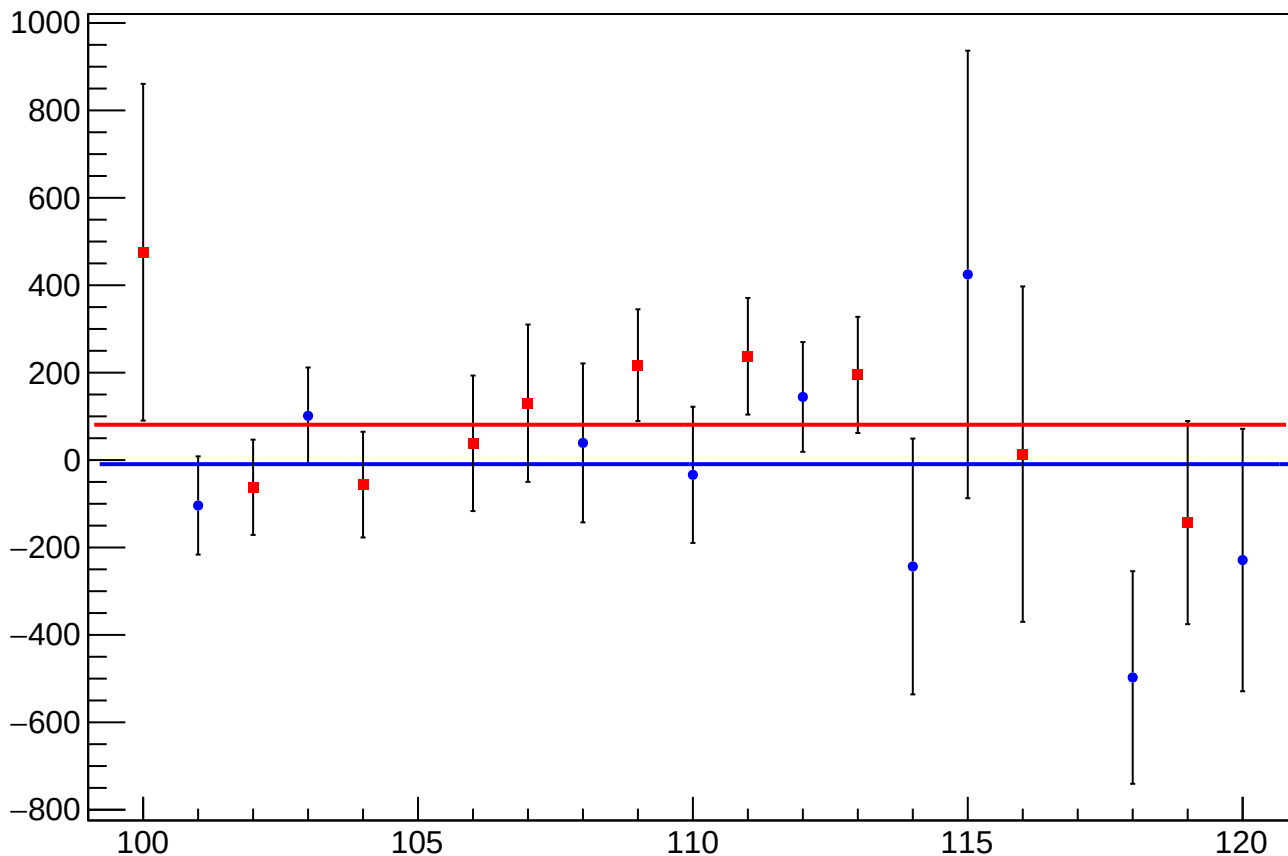
Right: 637.319+/-0.170 χ^2/NDF : 1418107.9/18

In: 659.730+/-0.256 χ^2/NDF : 684196.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 637.319+/-0.170 χ^2/NDF : 1418107.9/18

eigen_dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: -9.348+/-54.291 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.841+/-48.167 χ^2/NDF : 8.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

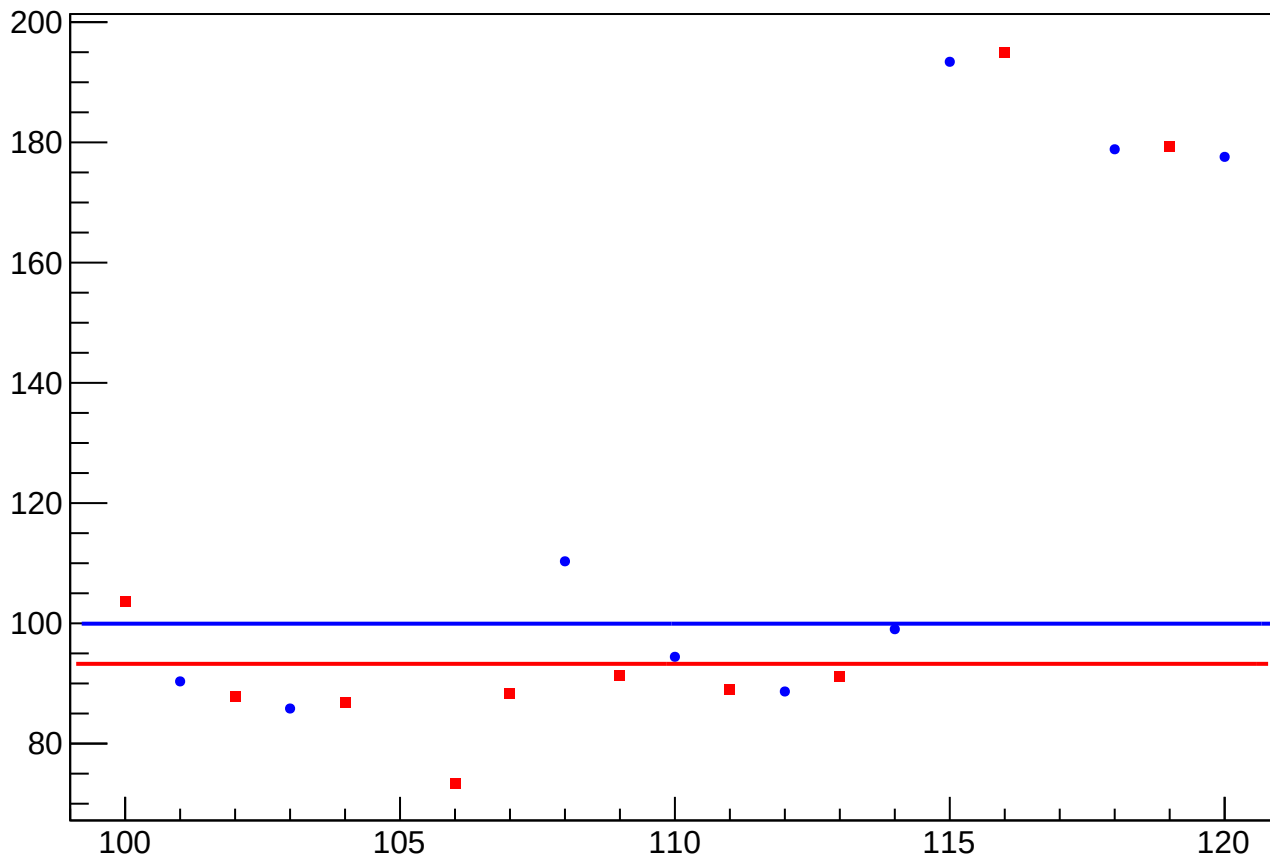
Right: 41.118+/-36.031 χ^2/NDF : 19.2/18

In: -9.348+/-54.291 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.118+/-36.031 χ^2/NDF : 19.2/18

eigen_dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 99.944+/-0.038 χ^2/NDF : 483322.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.264+/-0.034 χ^2/NDF : 463768.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

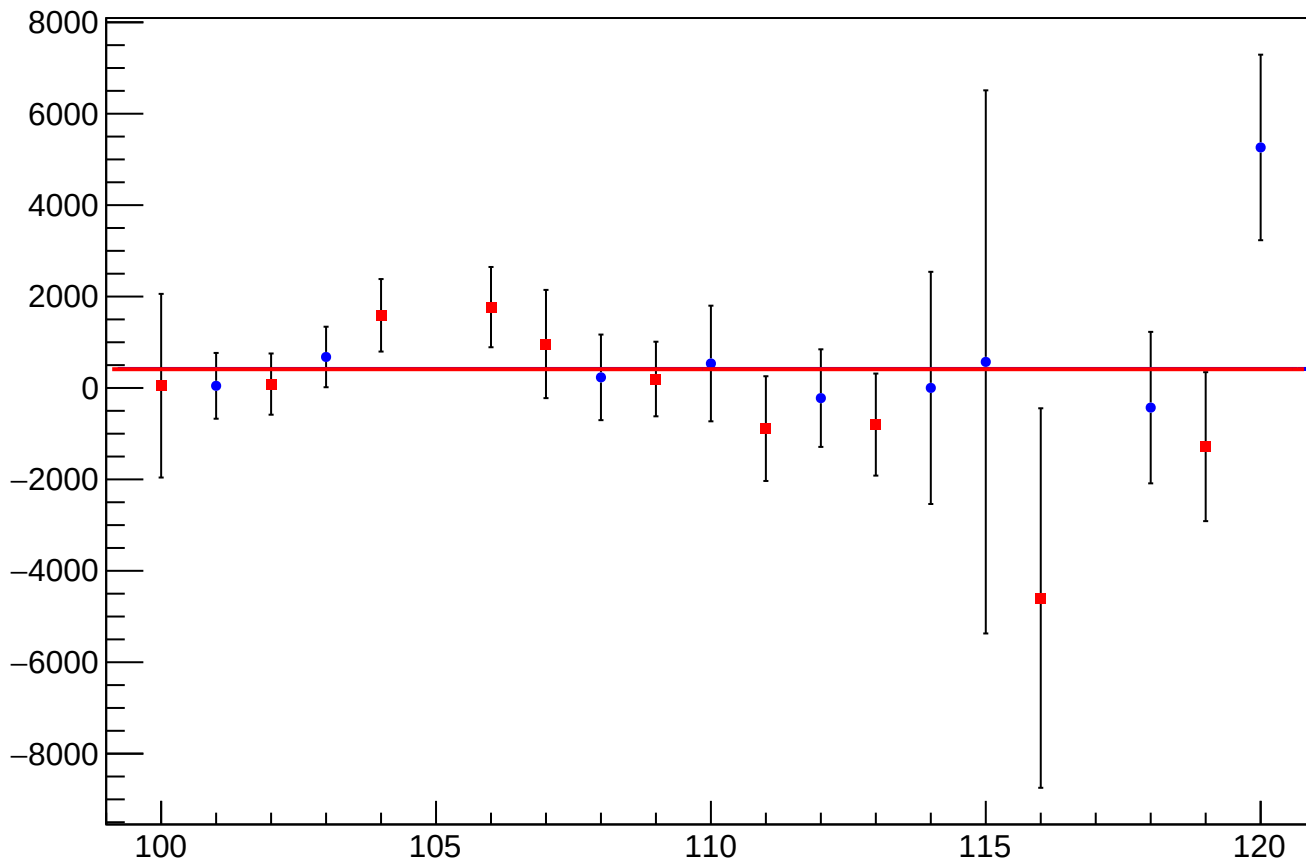
Right: 96.206+/-0.025 χ^2/NDF : 964034.3/18

In: 99.944+/-0.038 χ^2/NDF : 483322.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.206+/-0.025 χ^2/NDF : 964034.3/18

asym_sam5_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 416.013+/-361.616 χ^2/NDF : 6.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 410.623+/-323.104 χ^2/NDF : 10.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

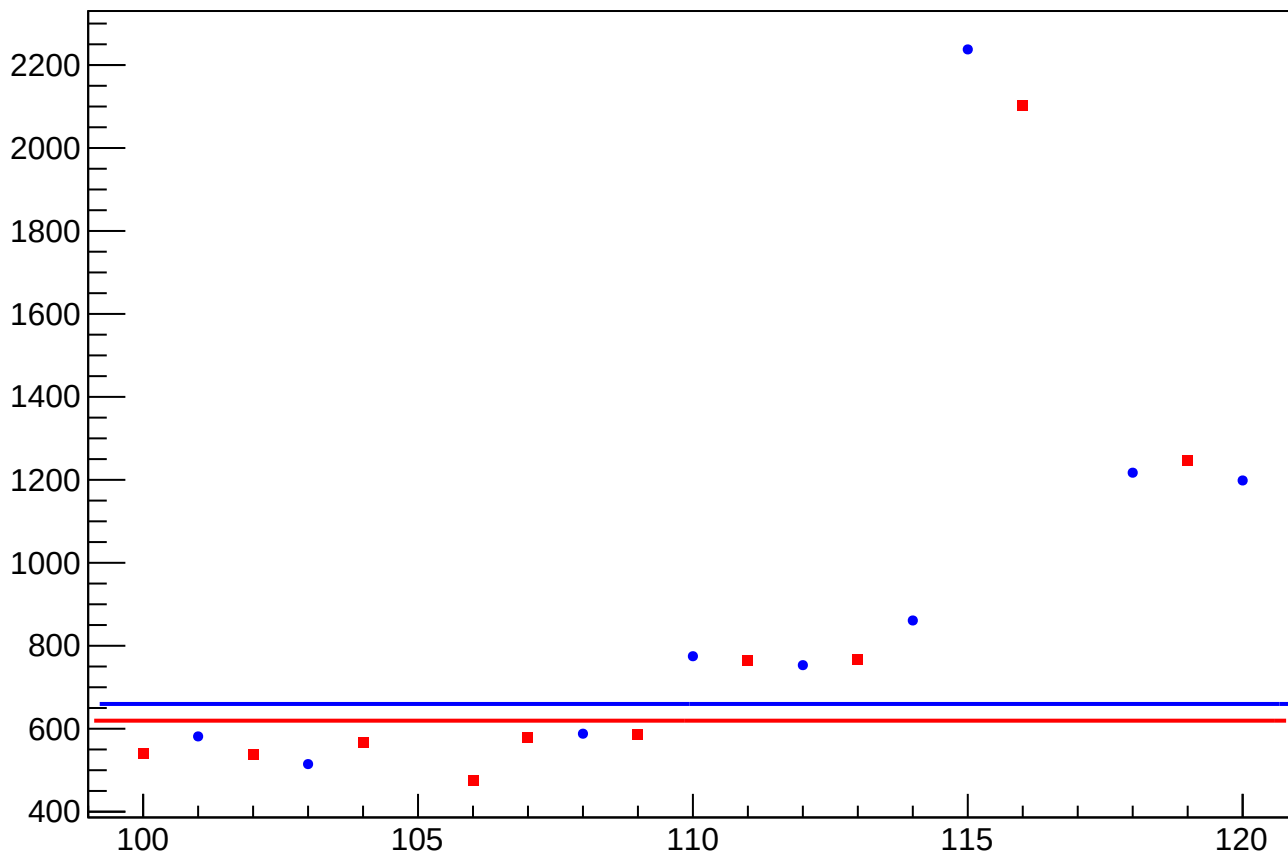
Right: 413.016+/-240.938 χ^2/NDF : 17.0/18

In: 416.013+/-361.616 χ^2/NDF : 6.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 413.016+/-240.938 χ^2/NDF : 17.0/18

asym_sam5_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 659.730+/-0.256 χ^2/NDF : 684195.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 619.426+/-0.228 χ^2/NDF : 720095.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

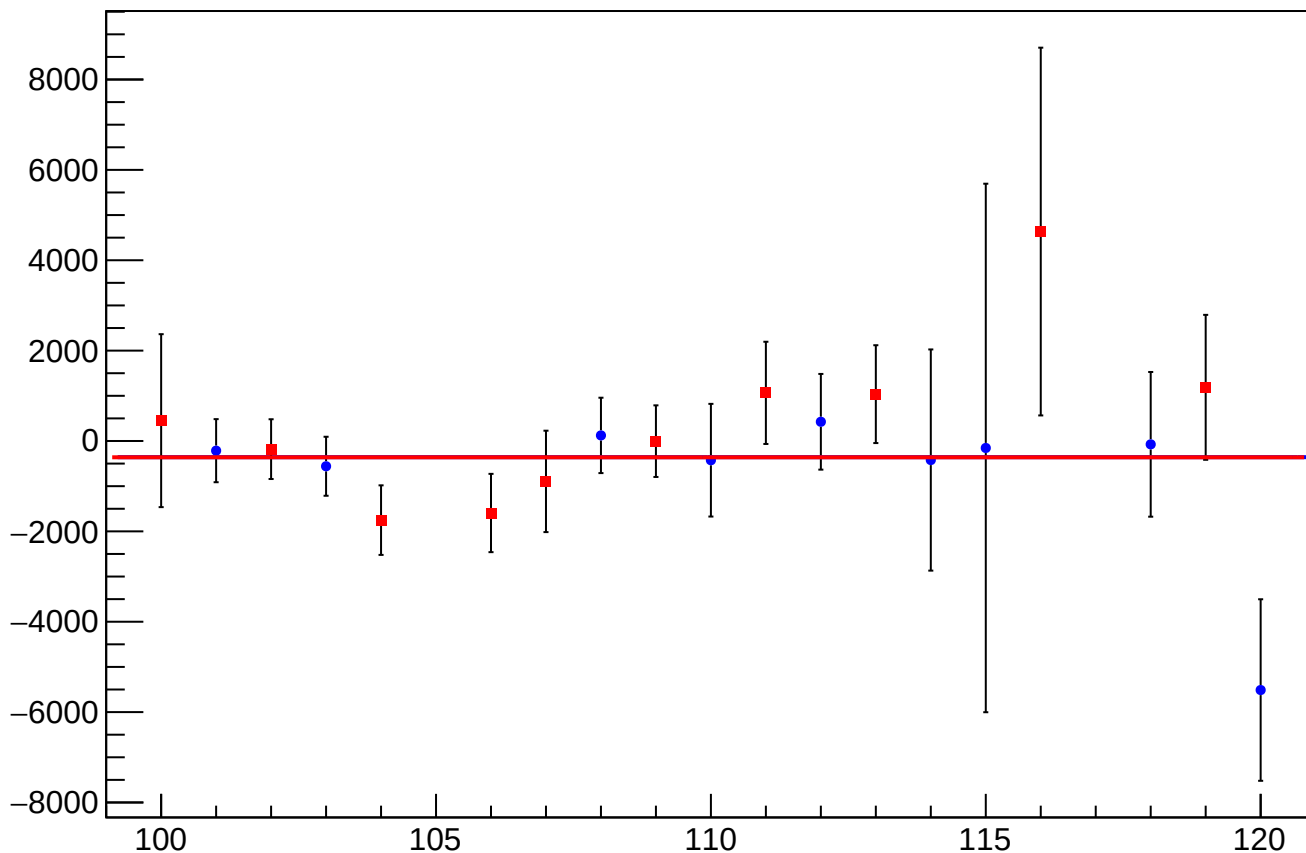
Right: 637.318+/-0.170 χ^2/NDF : 1418106.6/18

In: 659.730+/-0.256 χ^2/NDF : 684195.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 637.318+/-0.170 χ^2/NDF : 1418106.6/18

asym_sam5_mean vs Slug, Sign Corrected



Right In: -358.128+/-349.135 χ^2/NDF : 7.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -360.763+/-315.448 χ^2/NDF : 11.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

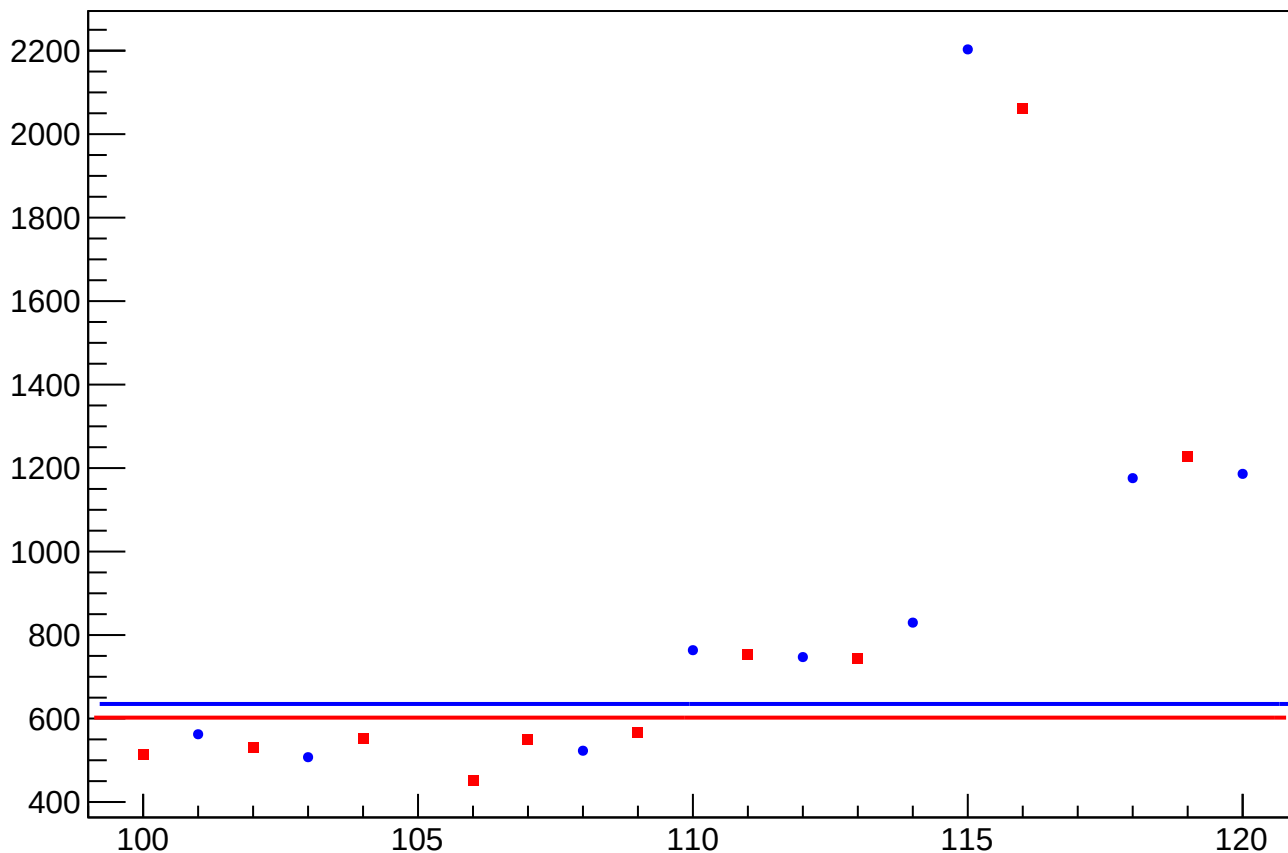
Right: -359.579+/-234.062 χ^2/NDF : 19.3/18

In: -358.128+/-349.135 χ^2/NDF : 7.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -359.579+/-234.062 χ^2/NDF : 19.3/18

asym_sam5_rms vs Slug, Sign Corrected



Right In: 634.881+/-0.247 χ^2/NDF : 713189.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 602.139+/-0.223 χ^2/NDF : 735911.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

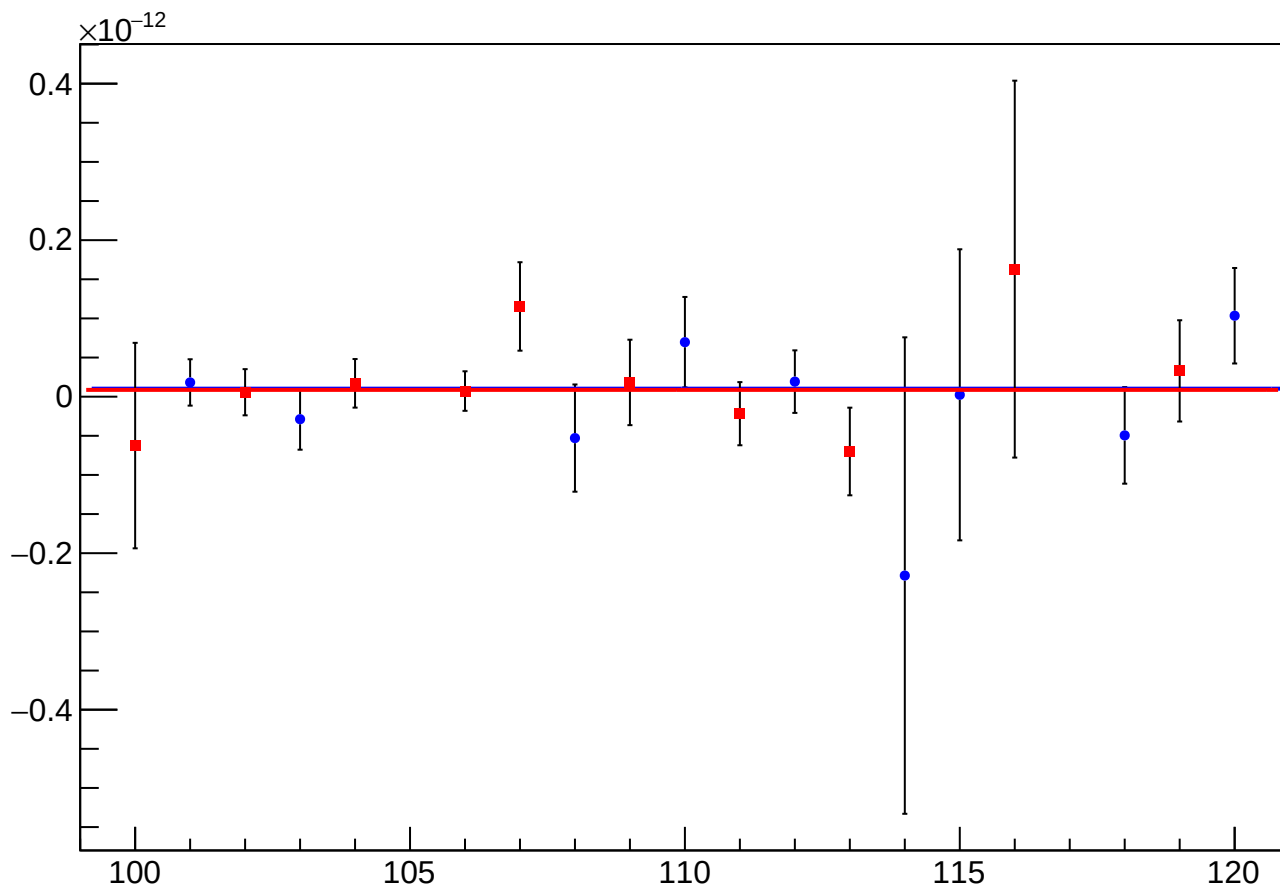
Right: 616.855+/-0.166 χ^2/NDF : 1458785.2/18

In: 634.881+/-0.247 χ^2/NDF : 713189.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 616.855+/-0.166 χ^2/NDF : 1458785.2/18

asym_sam5_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

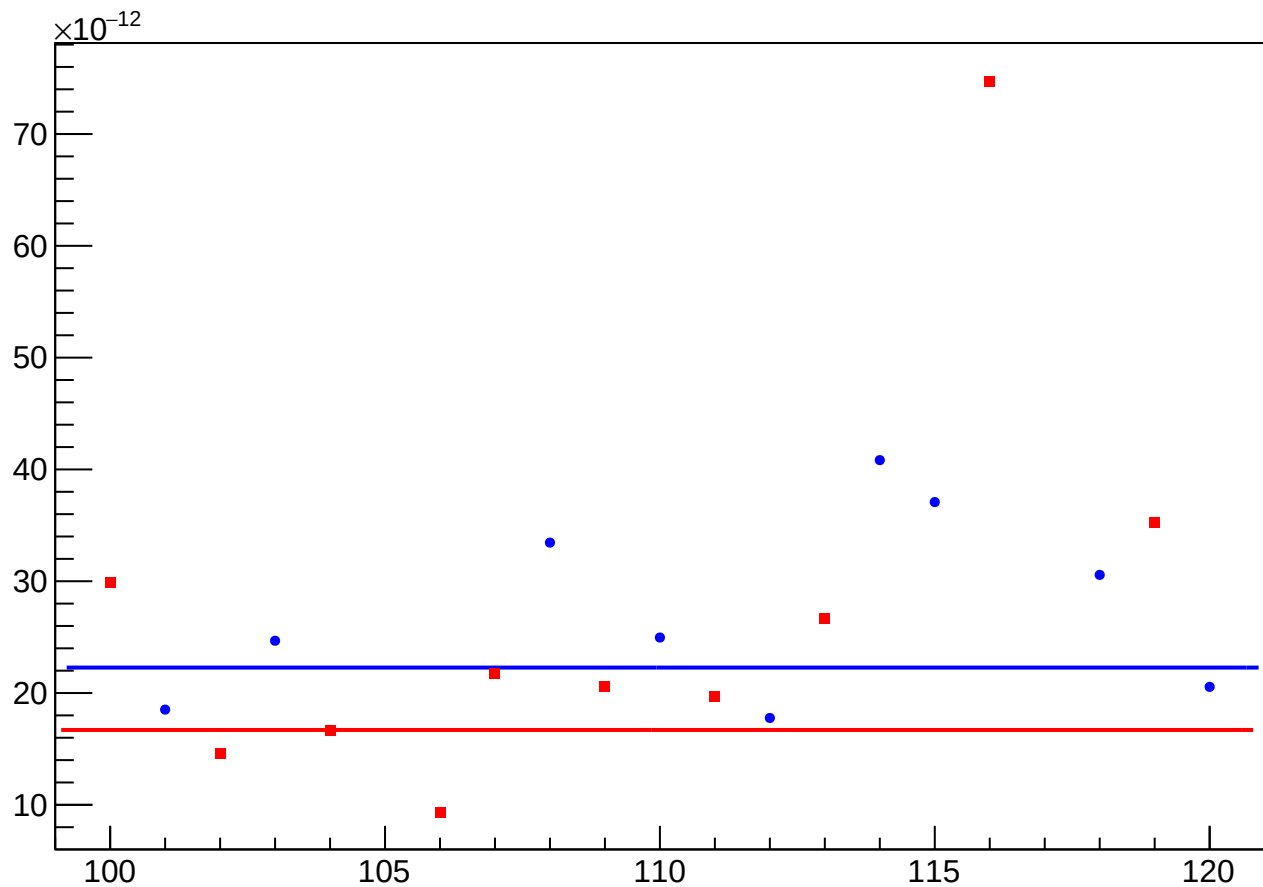
Right: 0.000+/-0.000 χ^2/NDF : 14.0/18

In: 0.000+/-0.000 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.0/18

asym_sam5_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 180519.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 582683.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

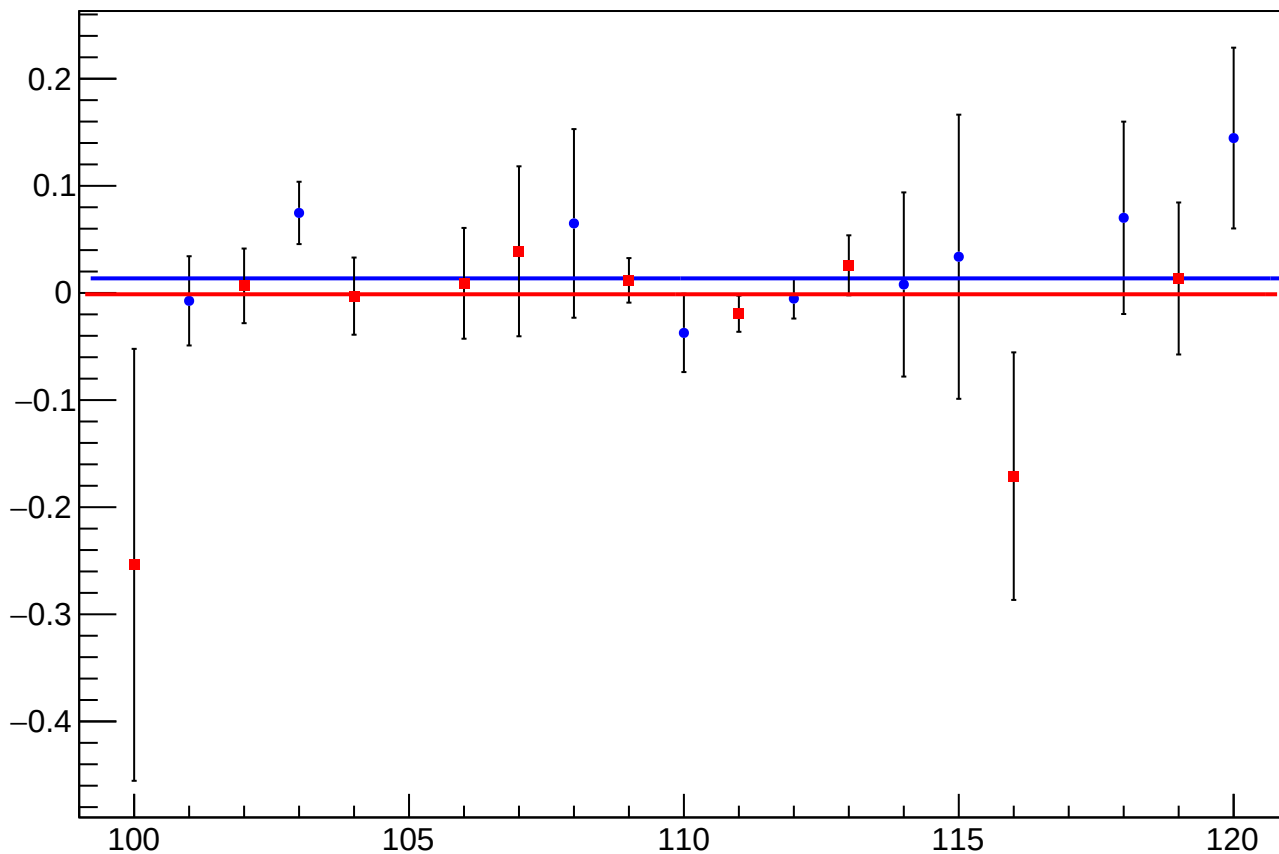
Right: 0.000+/-0.000 χ^2/NDF : 897947.9/18

In: 0.000+/-0.000 χ^2/NDF : 180519.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 897947.9/18

asym_sam5_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.013 χ^2/NDF : 10.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.001+/-0.010 χ^2/NDF : 6.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

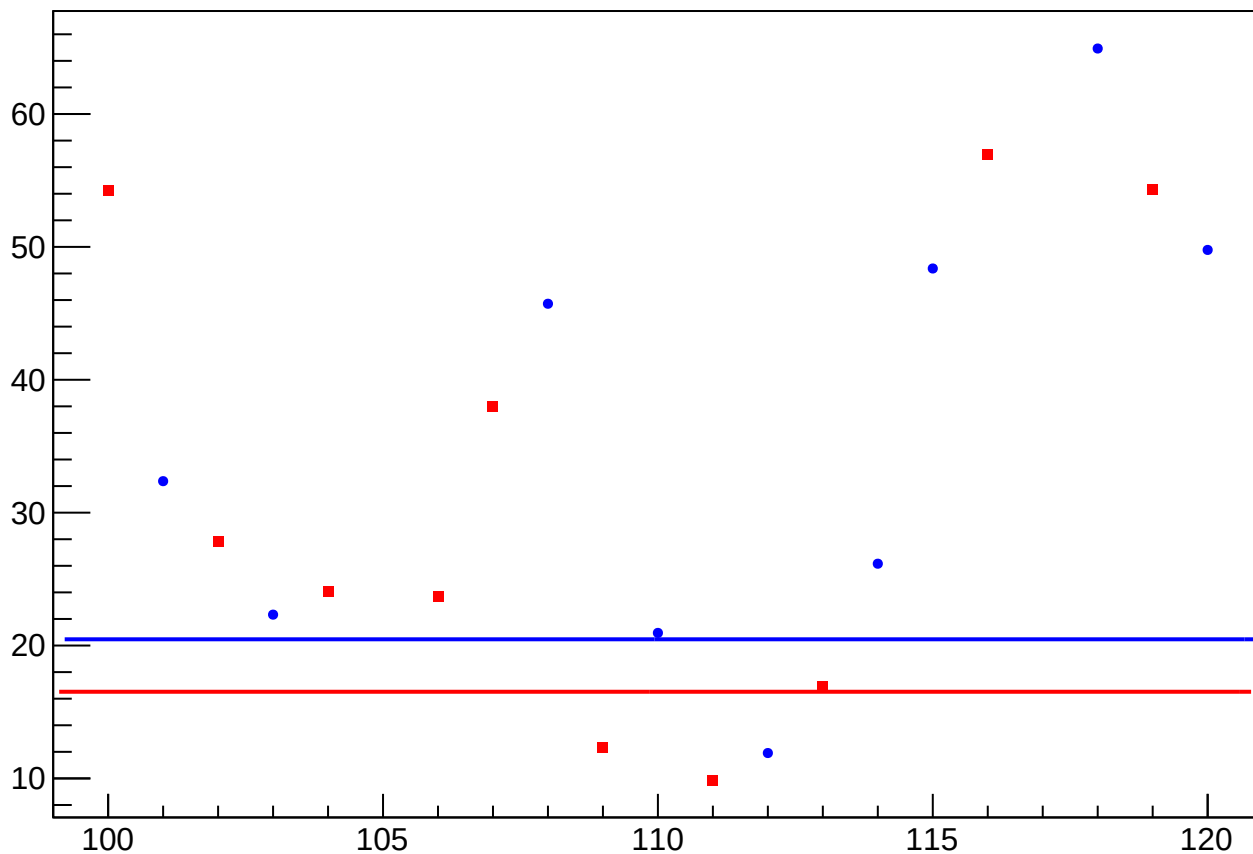
Right: 0.004+/-0.008 χ^2/NDF : 18.2/18

In: 0.014+/-0.013 χ^2/NDF : 10.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.008 χ^2/NDF : 18.2/18

asym_sam5_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.469+/-0.009 χ^2/NDF : 1586939.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.522+/-0.007 χ^2/NDF : 1761030.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

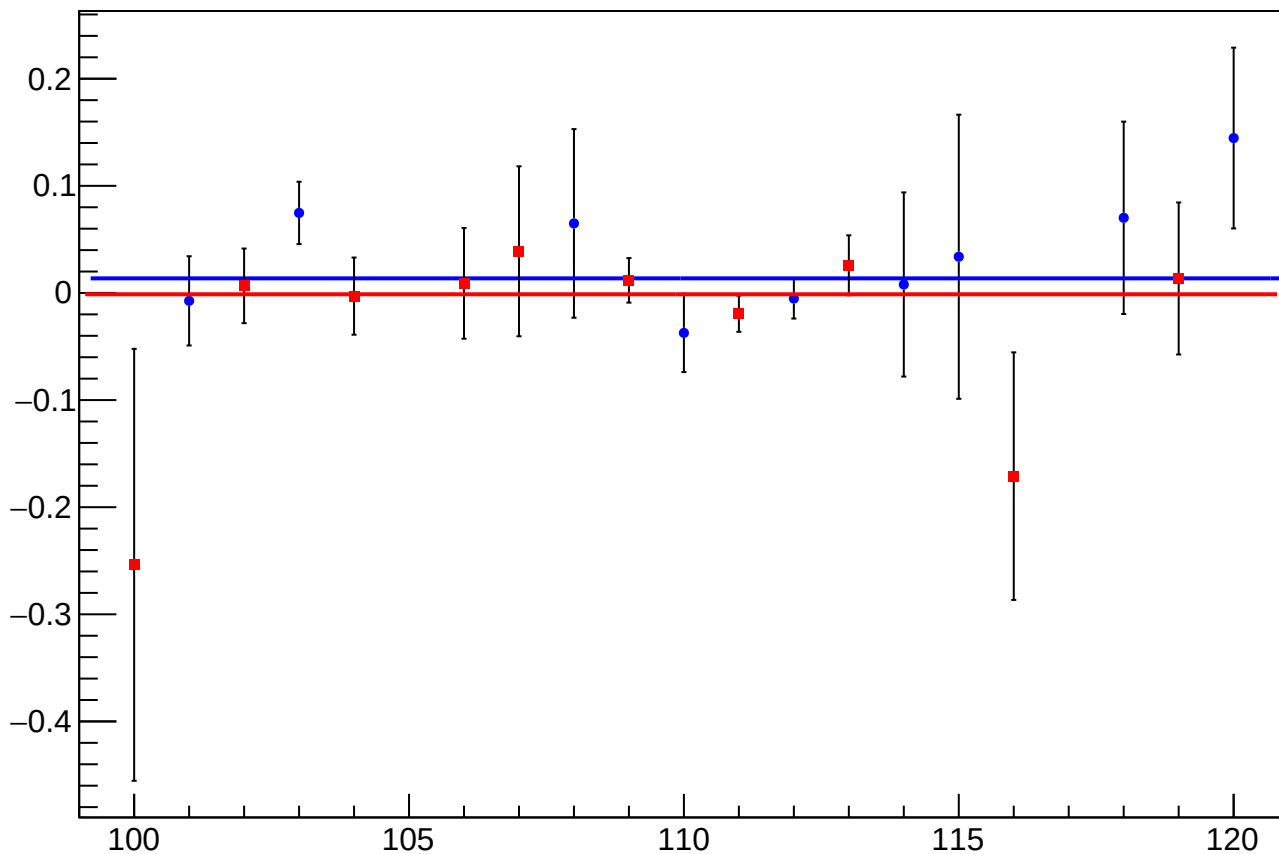
Right: 18.042+/-0.006 χ^2/NDF : 3462373.0/18

In: 20.469+/-0.009 χ^2/NDF : 1586939.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.042+/-0.006 χ^2/NDF : 3462373.0/18

asym_sam5_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.013 χ^2/NDF : 10.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.001+/-0.010 χ^2/NDF : 6.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

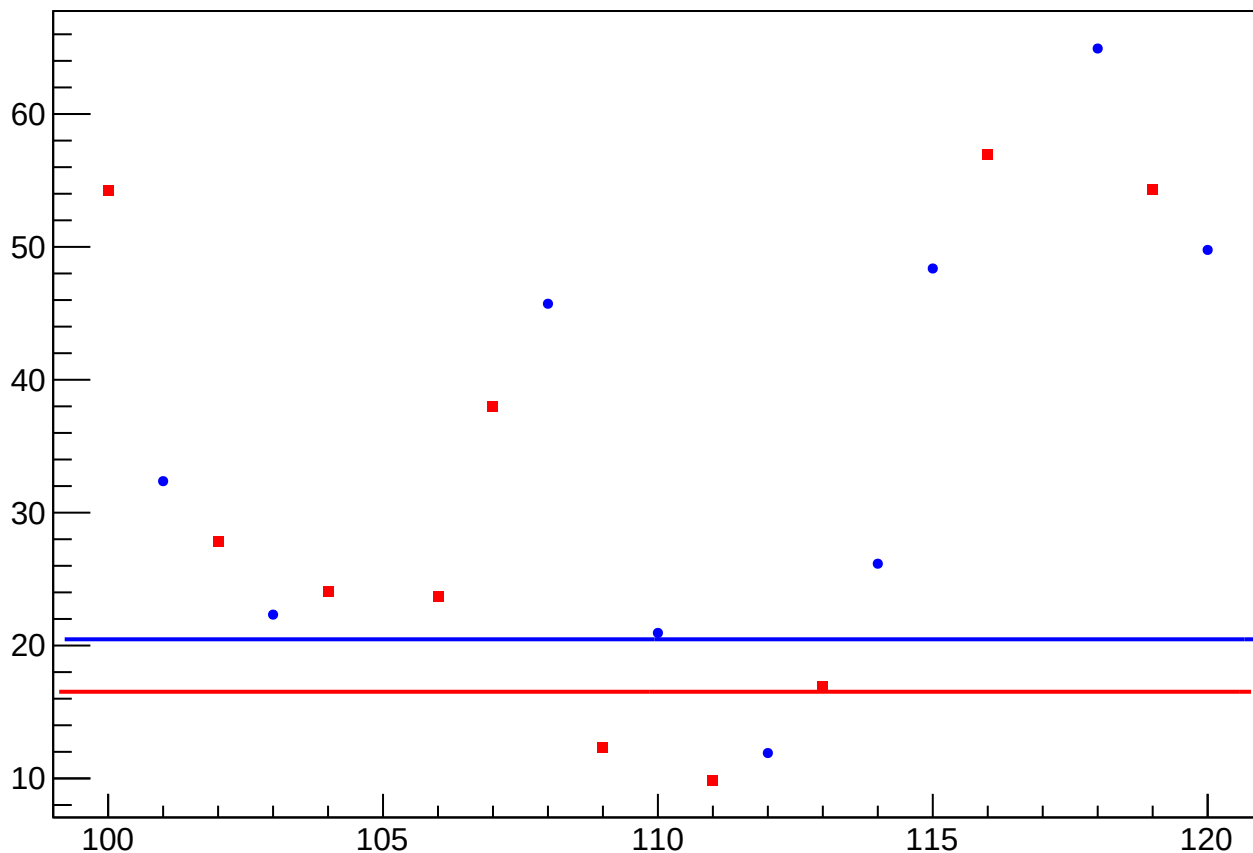
Right: 0.004+/-0.008 χ^2/NDF : 18.2/18

In: 0.014+/-0.013 χ^2/NDF : 10.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.008 χ^2/NDF : 18.2/18

asym_sam5_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.469+/-0.009 χ^2/NDF : 1586939.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 16.522+/-0.007 χ^2/NDF : 1761030.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

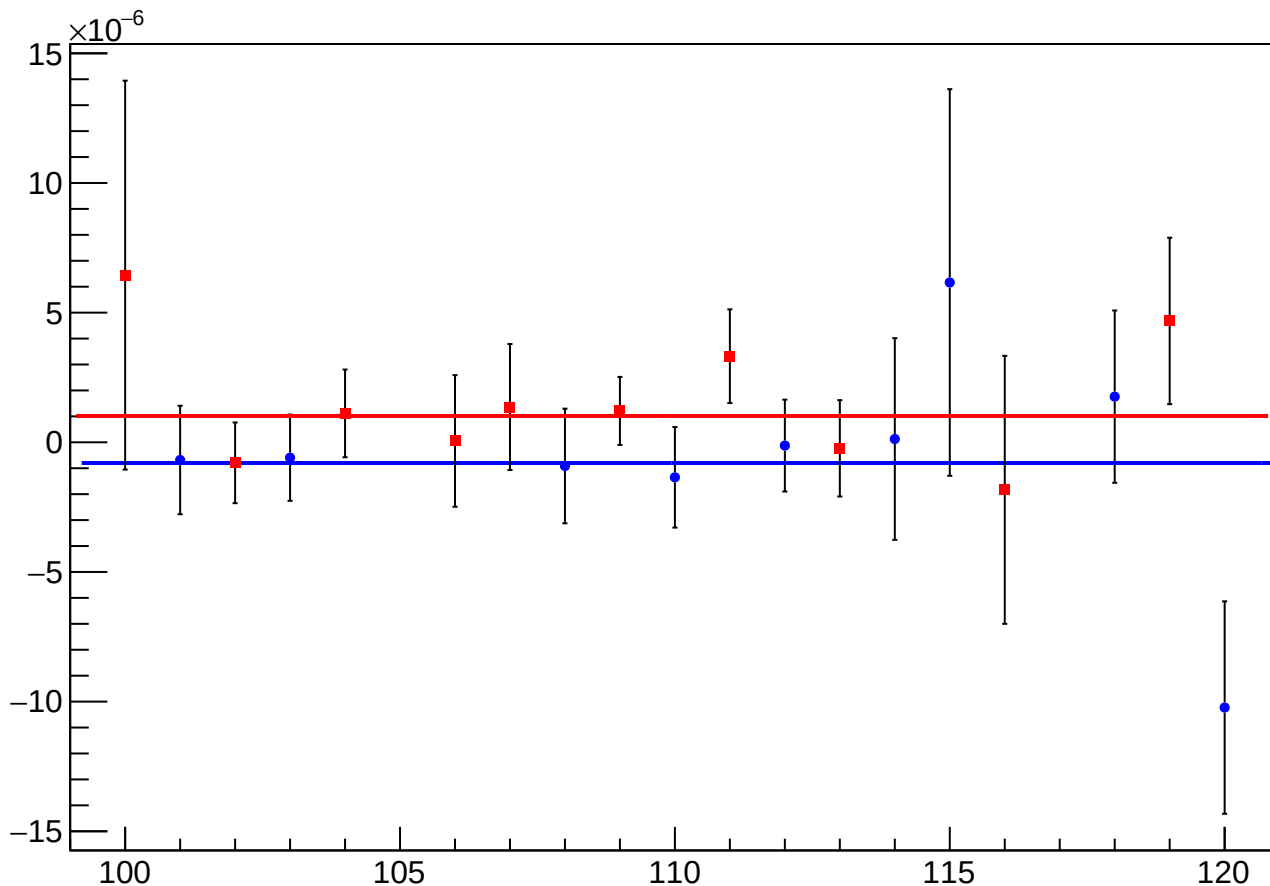
Right: 18.042+/-0.006 χ^2/NDF : 3462373.0/18

In: 20.469+/-0.009 χ^2/NDF :1586939.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 18.042+/-0.006 χ^2/NDF : 3462373.0/18

asym_sam5_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

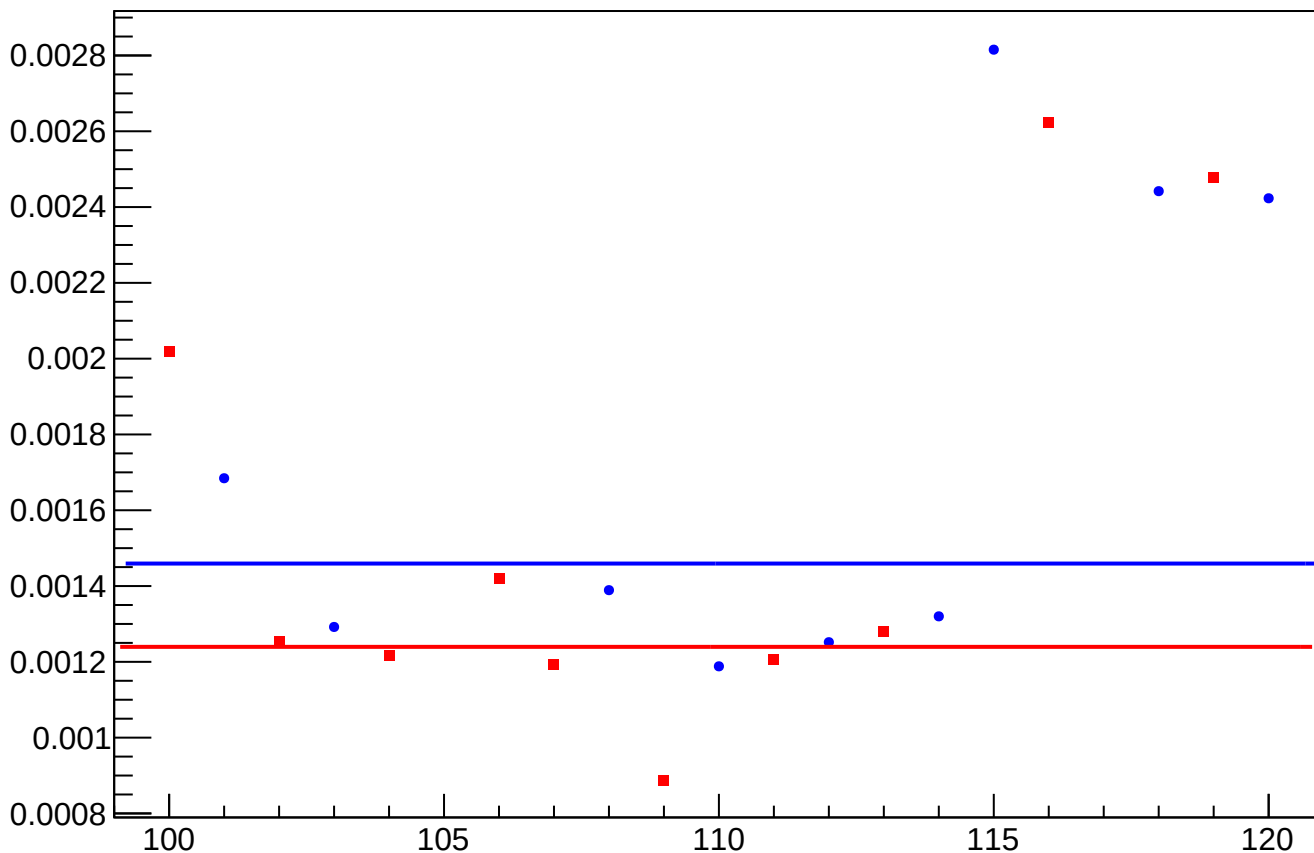
Right: 0.000+/-0.000 χ^2/NDF : 16.0/18

In: -0.000+/-0.000 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.0/18

asym_sam5_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 466367.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 620212.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

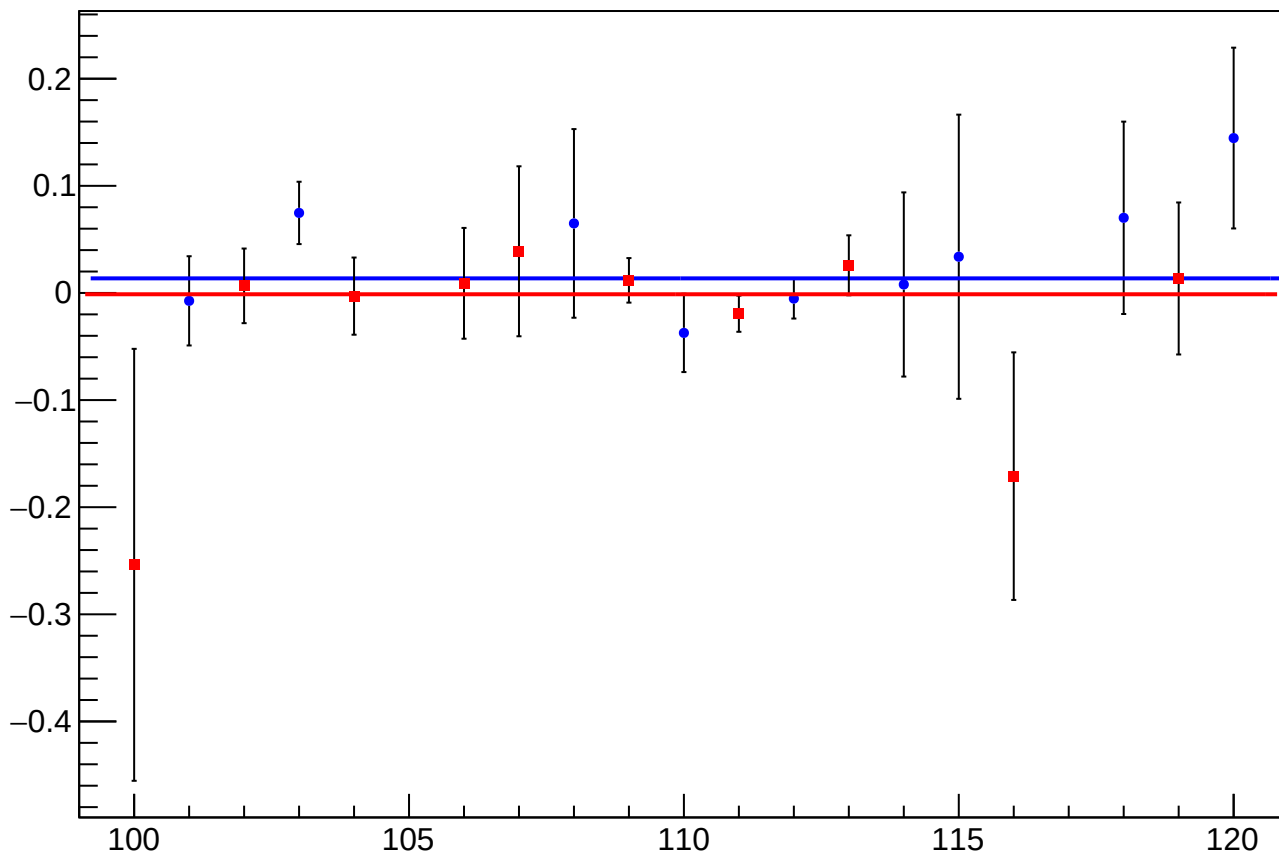
Right: 0.001+/-0.000 χ^2/NDF : 1180081.5/18

In: 0.001+/-0.000 χ^2/NDF :466367.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1180081.5/18

asym_sam5_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.013 χ^2/NDF : 10.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.001+/-0.010 χ^2/NDF : 6.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

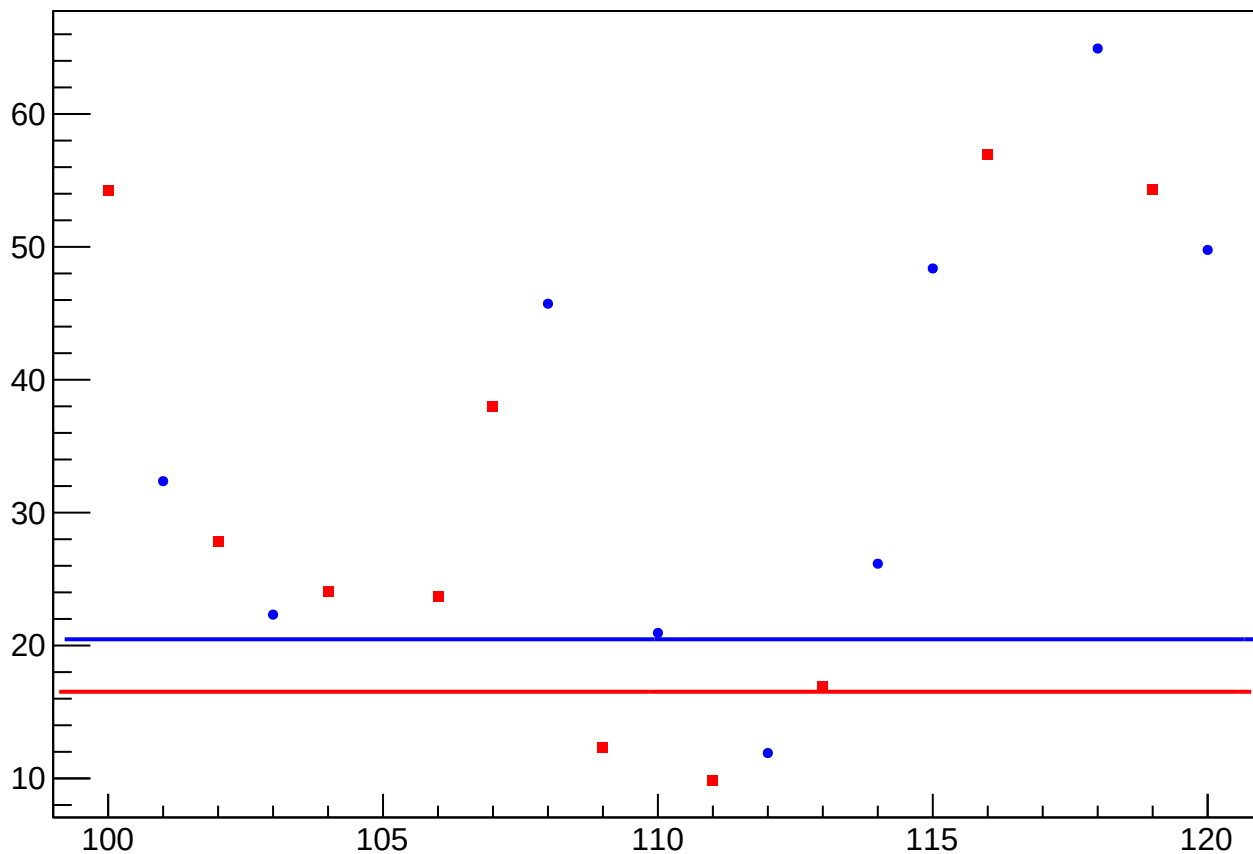
Right: 0.004+/-0.008 χ^2/NDF : 18.2/18

In: 0.014+/-0.013 χ^2/NDF : 10.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.008 χ^2/NDF : 18.2/18

asym_sam5_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.469+/-0.009 χ^2/NDF : 1586929.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.522+/-0.007 χ^2/NDF : 1761074.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

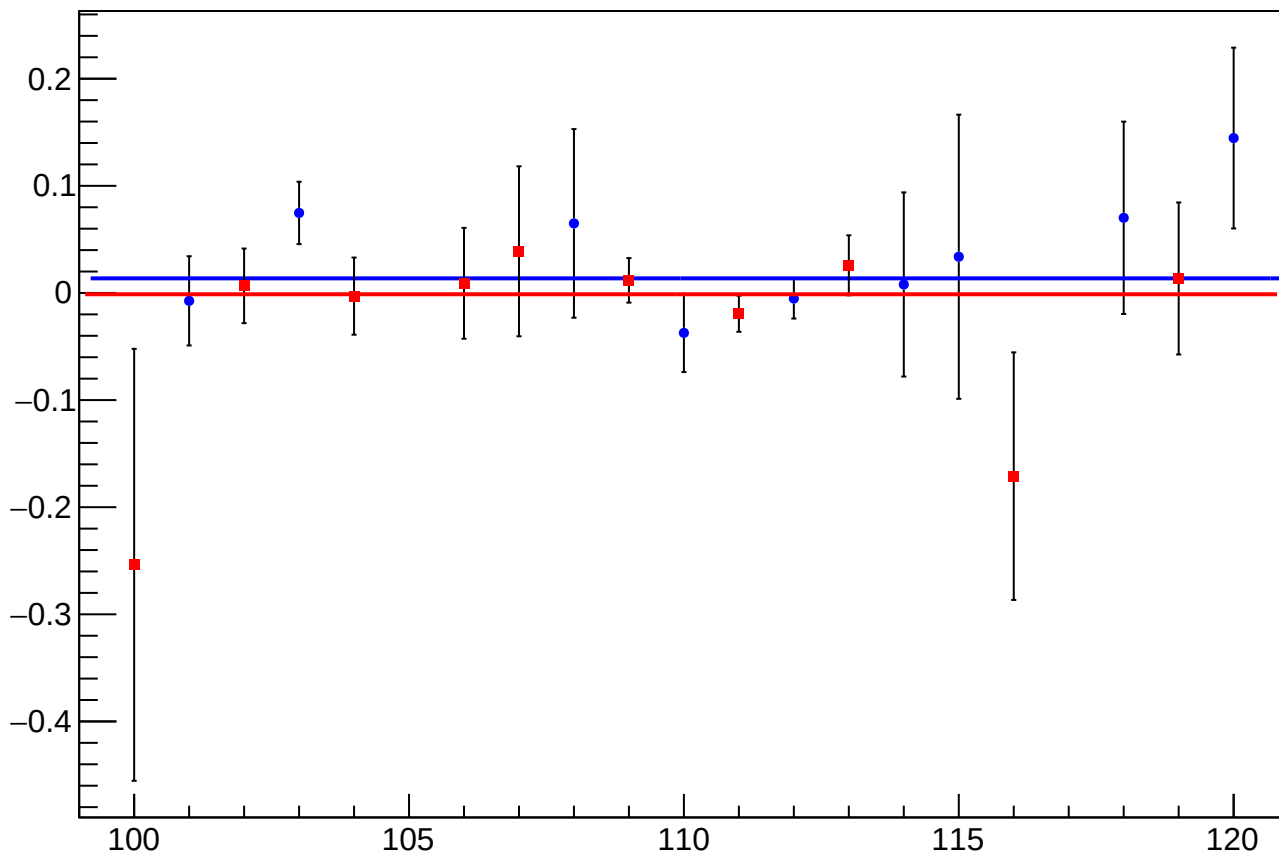
Right: 18.042+/-0.006 χ^2/NDF : 3462417.8/18

In: 20.469+/-0.009 χ^2/NDF : 1586929.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.042+/-0.006 χ^2/NDF : 3462417.8/18

asym_sam5_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.013 χ^2/NDF : 10.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.001+/-0.010 χ^2/NDF : 6.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

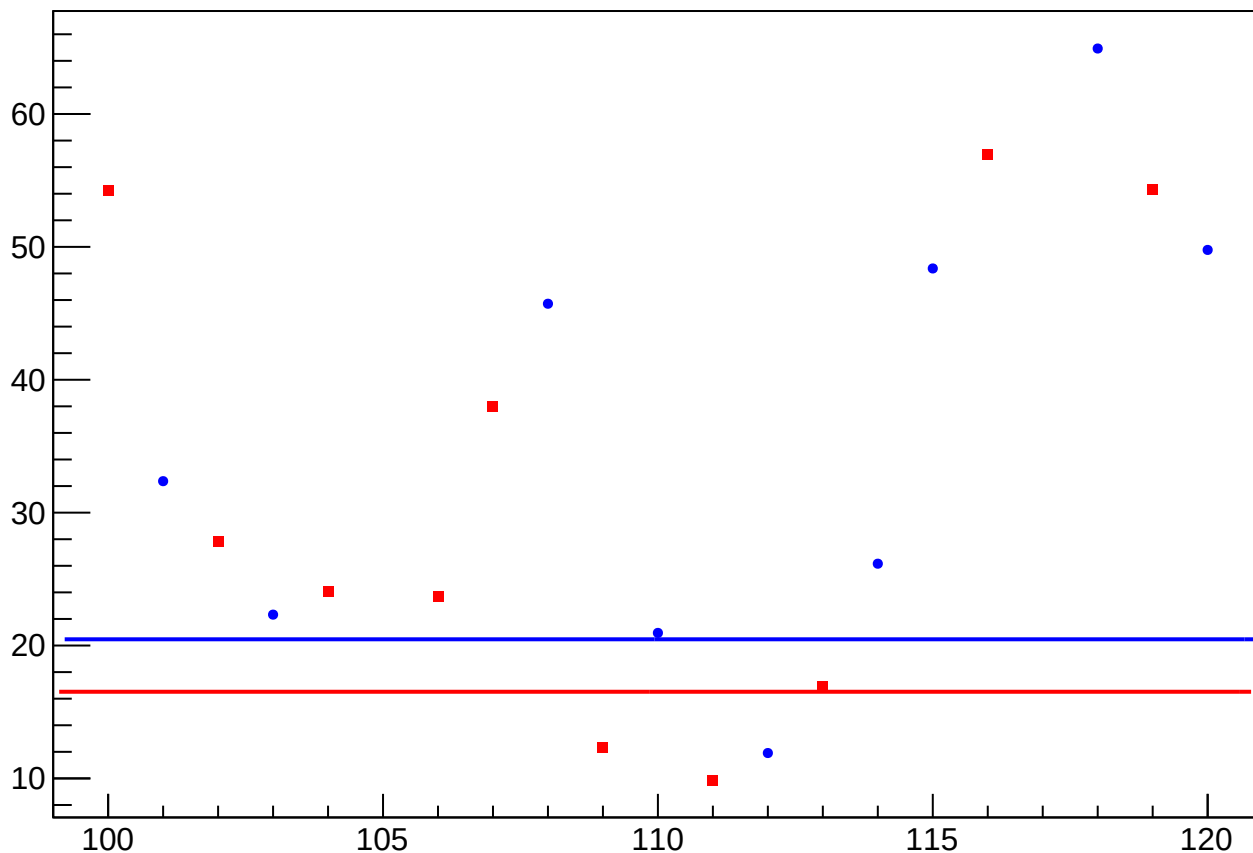
Right: 0.004+/-0.008 χ^2/NDF : 18.2/18

In: 0.014+/-0.013 χ^2/NDF : 10.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.008 χ^2/NDF : 18.2/18

asym_sam5_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.469+/-0.009 χ^2/NDF : 1586929.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.522+/-0.007 χ^2/NDF : 1761074.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

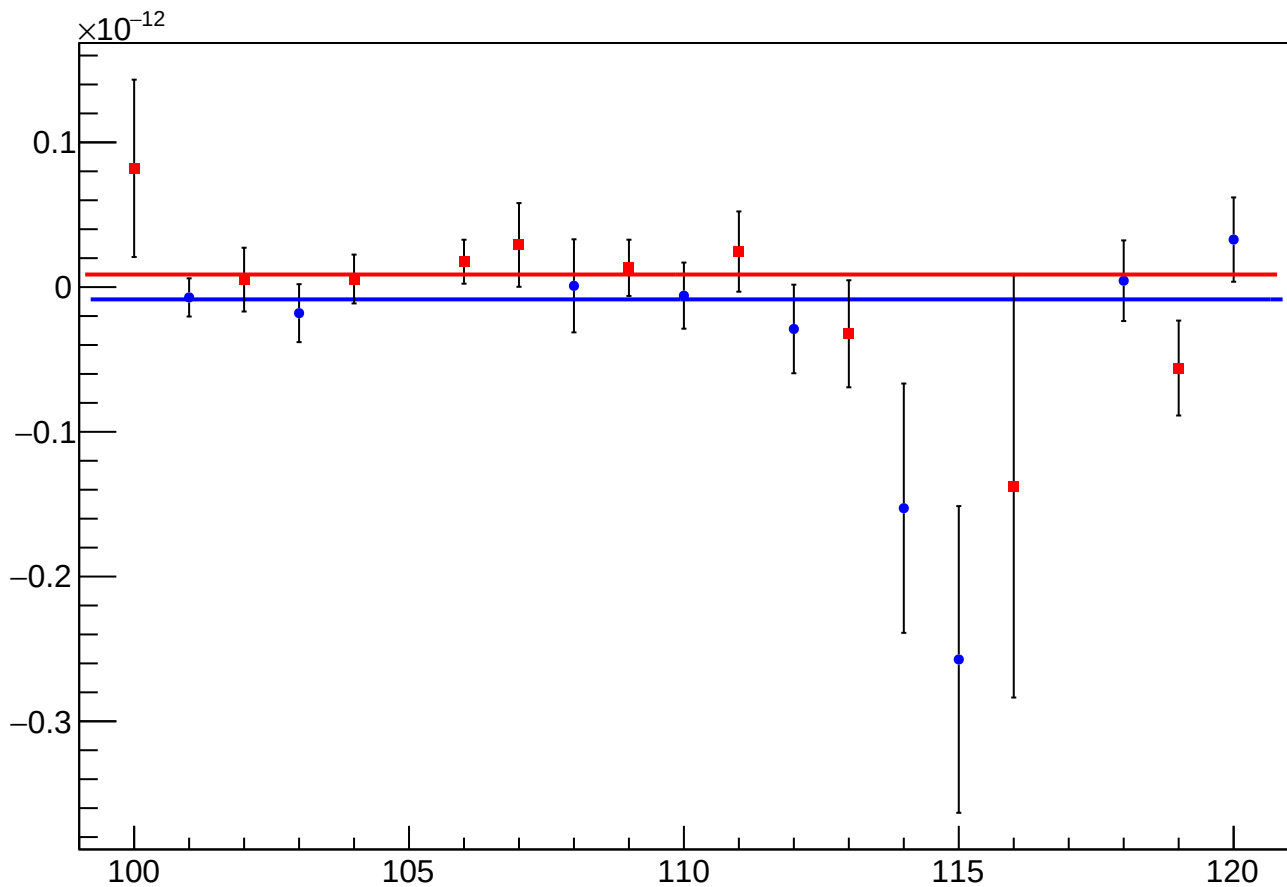
Right: 18.042+/-0.006 χ^2/NDF : 3462417.8/18

In: 20.469+/-0.009 χ^2/NDF : 1586929.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.042+/-0.006 χ^2/NDF : 3462417.8/18

asym_sam5_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

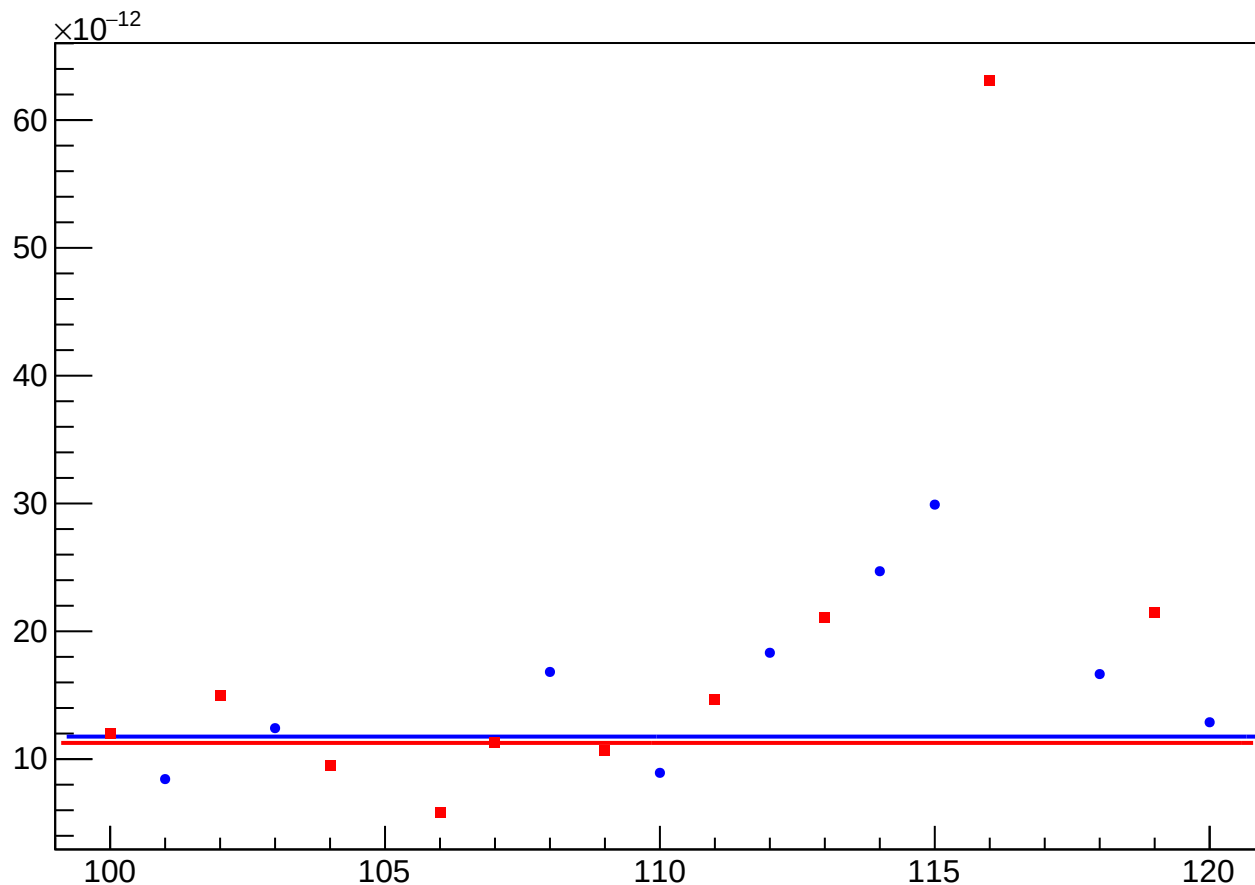
Right: 0.000+/-0.000 χ^2/NDF : 22.5/18

In: -0.000+/-0.000 χ^2/NDF : 11.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.5/18

asym_sam5_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 469799.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 955019.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

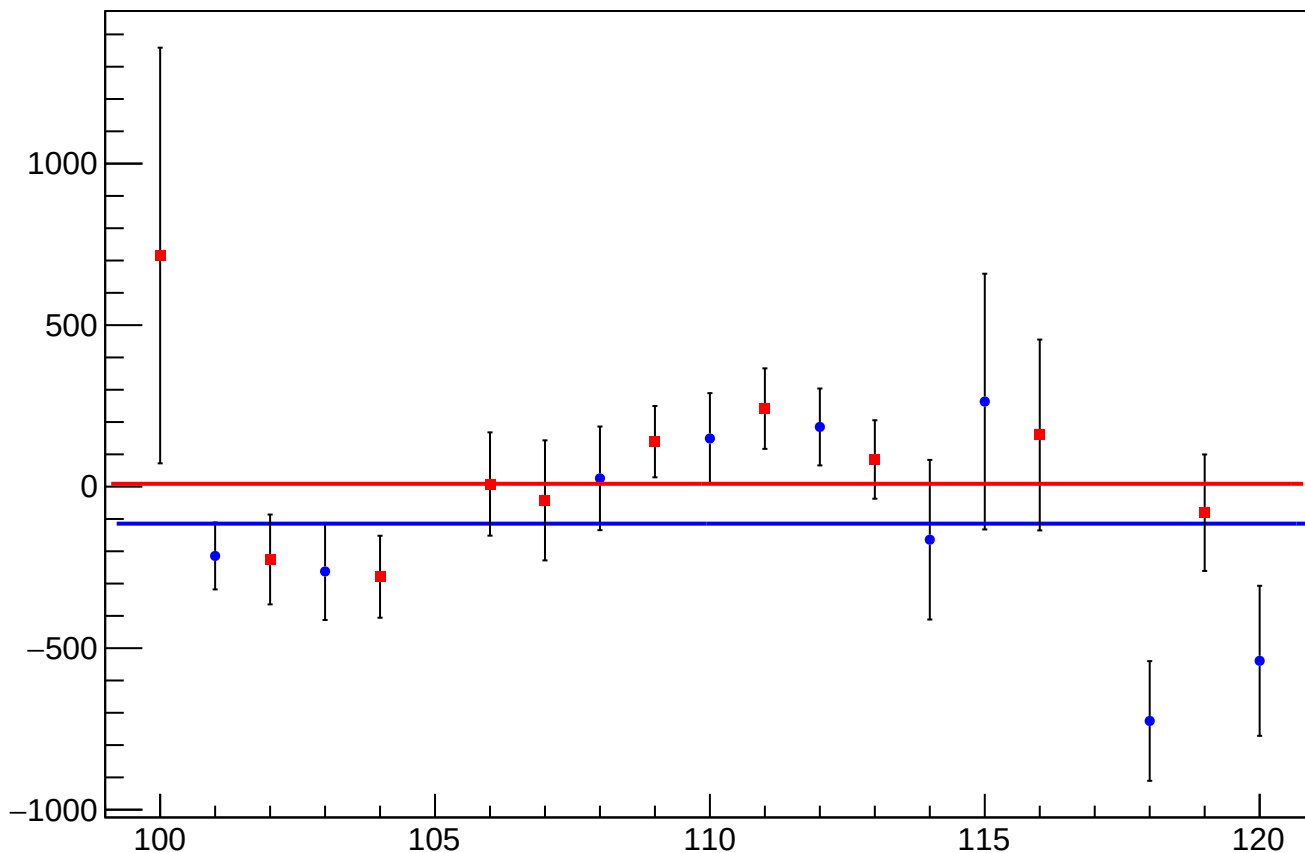
Right: 0.000+/-0.000 χ^2/NDF : 1428704.9/18

In: 0.000+/-0.000 χ^2/NDF : 469799.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1428704.9/18

reg_asym_sam6_mean vs Slug, Sign Corrected



Right In: -114.508 $\pm$ 52.117 χ^2 /NDF: 27.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 8.827 $\pm$ 47.627 χ^2 /NDF: 15.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

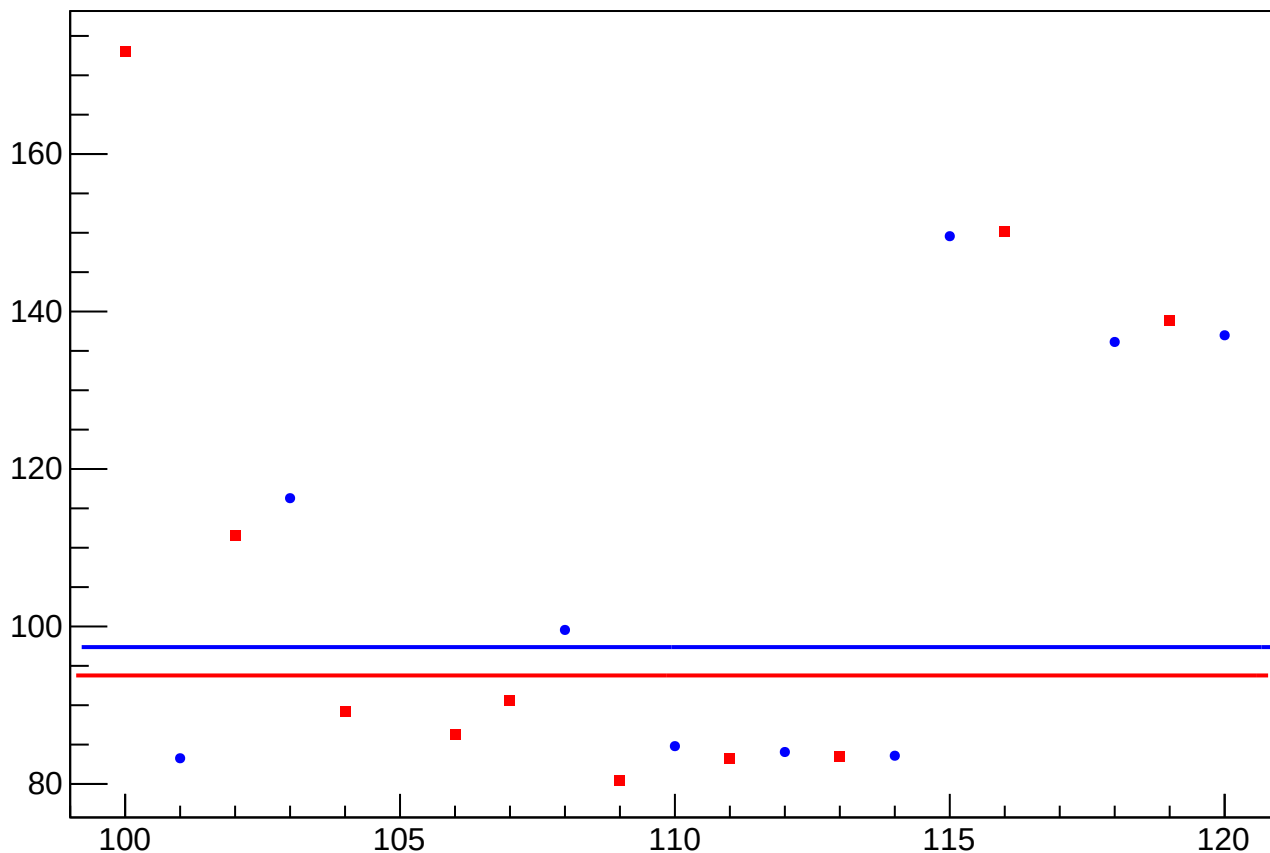
Right: -47.300 $\pm$ 35.158 χ^2 /NDF: 45.8/18

In: -114.508 $\pm$ 52.117 χ^2 /NDF:27.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -47.300 $\pm$ 35.158 χ^2 /NDF: 45.8/18

reg_asym_sam6_rms vs Slug, Sign Corrected



Right In: 97.381+/-0.037 χ^2/NDF : 297025.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 93.779+/-0.034 χ^2/NDF : 326142.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

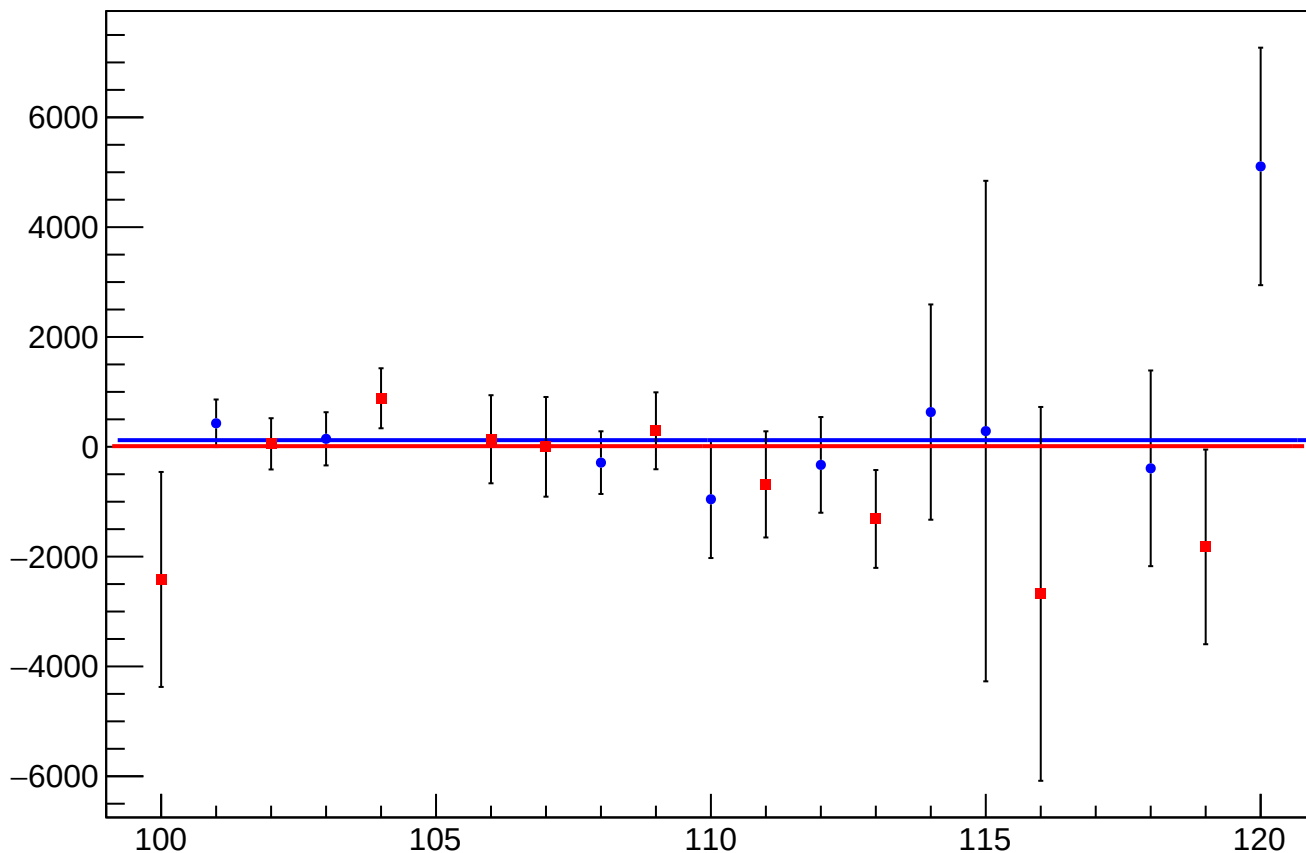
Right: 95.418+/-0.025 χ^2/NDF : 628371.2/18

In: 97.381+/-0.037 χ^2/NDF :297025.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 95.418+/-0.025 χ^2/NDF : 628371.2/18

asym_sam6_reg_correction_mean vs Slug, Sign Corrected



Right In: 120.973+/-252.458 χ^2/NDF : 7.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 11.708+/-252.084 χ^2/NDF : 8.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

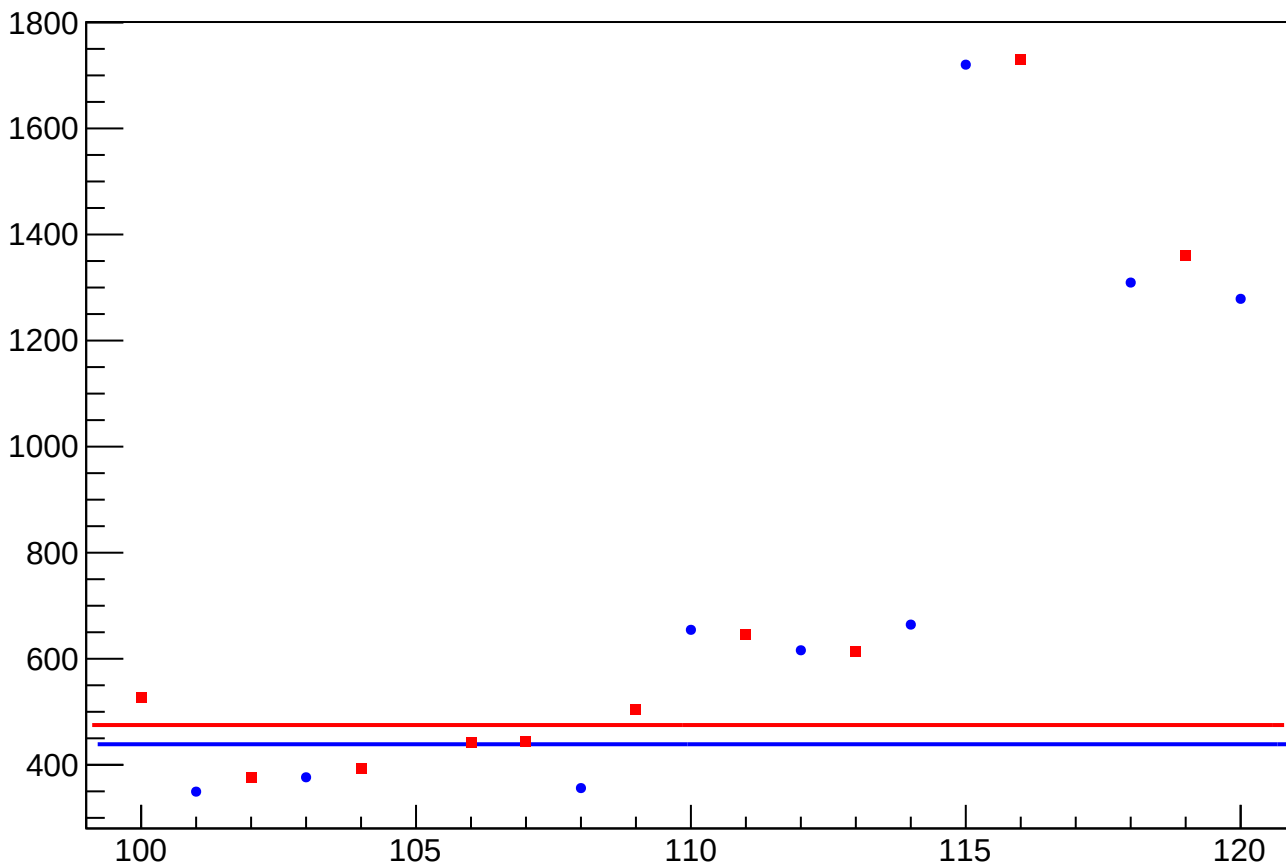
Right: 66.259+/-178.382 χ^2/NDF : 16.6/18

In: 120.973+/-252.458 χ^2/NDF :7.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 66.259+/-178.382 χ^2/NDF : 16.6/18

asym_sam6_reg_correction_rms vs Slug, Sign Corrected



Right In: 438.818+/-0.179 χ^2/NDF : 1287730.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 475.038+/-0.178 χ^2/NDF : 1027688.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

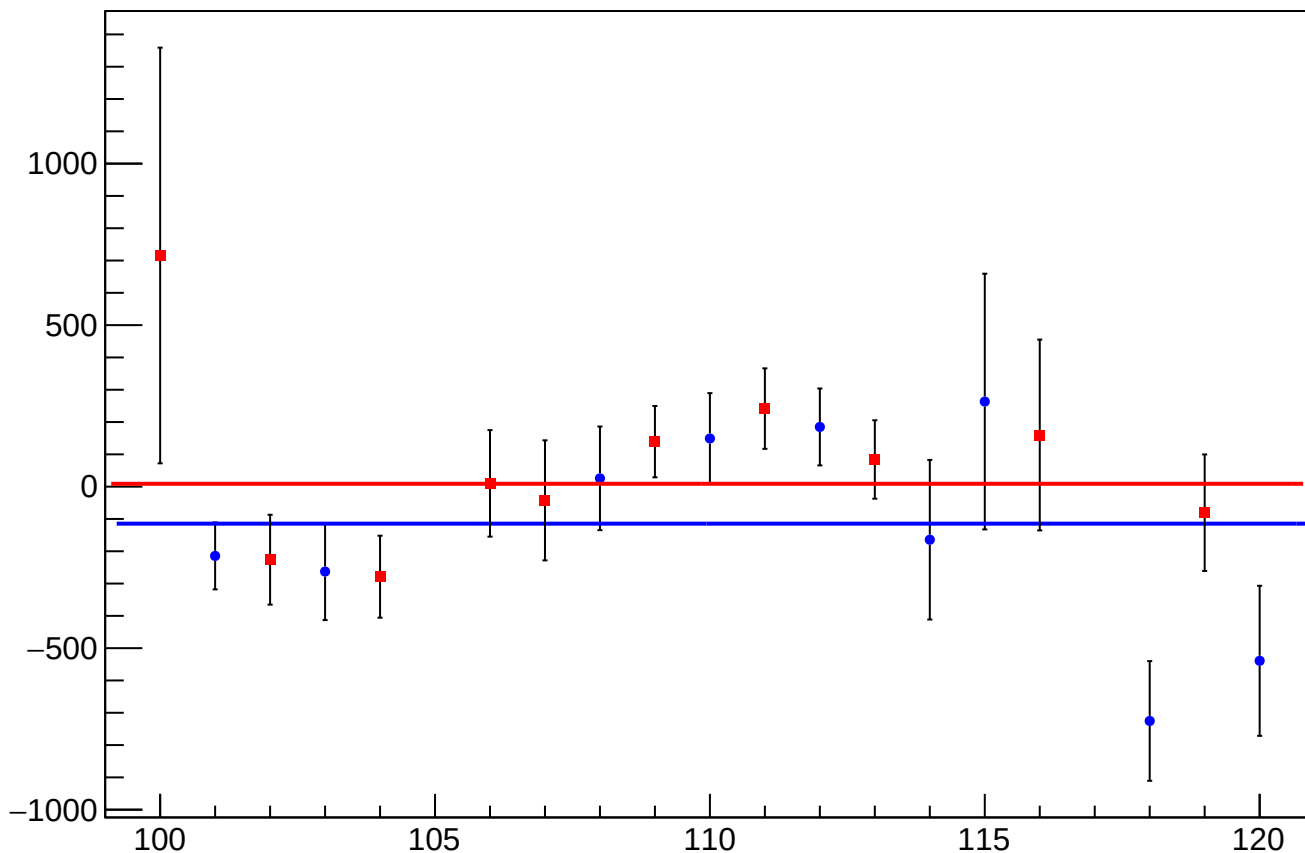
Right: 456.955+/-0.126 χ^2/NDF : 2336032.6/18

In: 438.818+/-0.179 χ^2/NDF : 1287730.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 456.955+/-0.126 χ^2/NDF : 2336032.6/18

cor_asym_sam6_mean vs Slug, Sign Corrected



Right In: -114.549+/-52.117 χ^2/NDF : 27.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.931+/-47.756 χ^2/NDF : 15.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

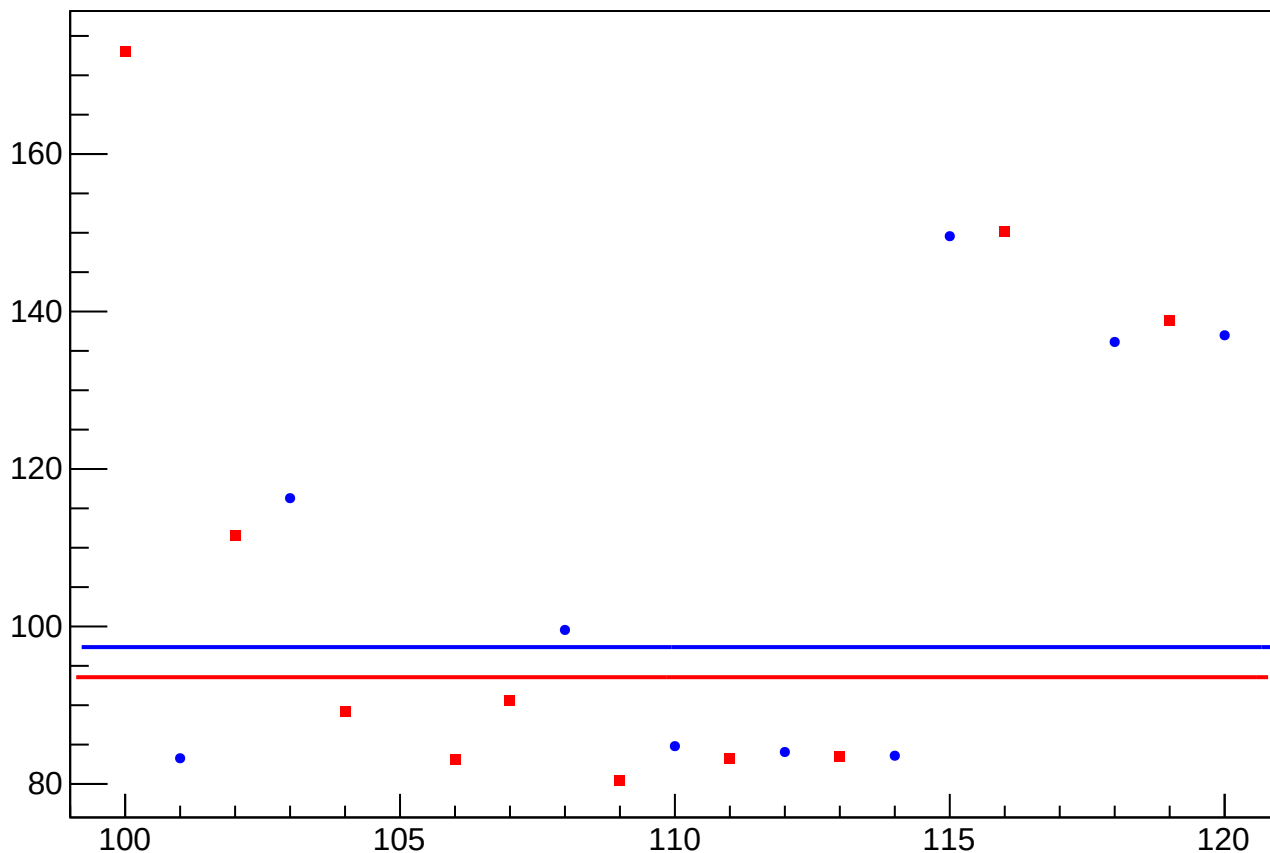
Right: -47.428+/-35.210 χ^2/NDF : 45.8/18

In: -114.549+/-52.117 χ^2/NDF : 27.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.428+/-35.210 χ^2/NDF : 45.8/18

cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 97.381+/-0.037 χ^2/NDF : 297027.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.558+/-0.034 χ^2/NDF : 330177.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

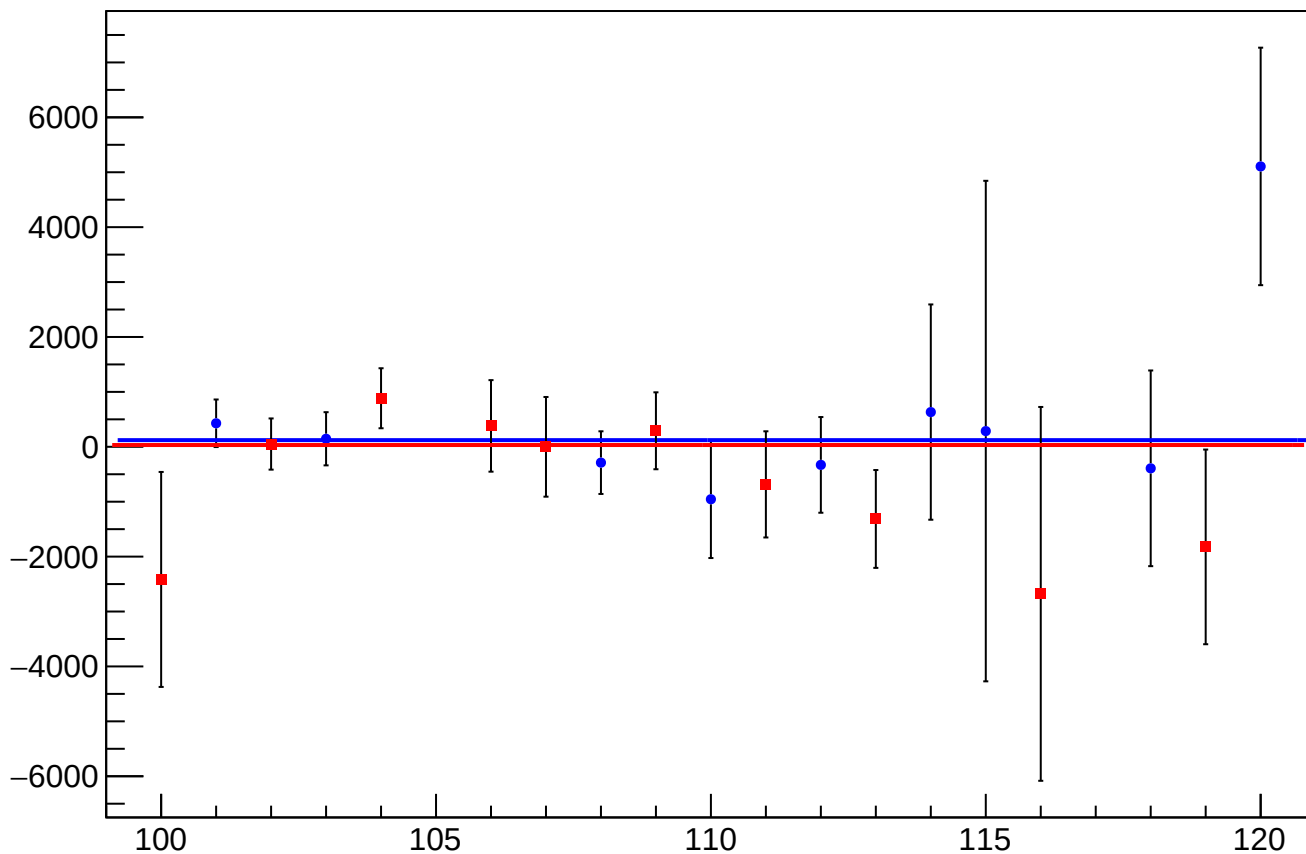
Right: 95.303+/-0.025 χ^2/NDF : 633054.7/18

In: 97.381+/-0.037 χ^2/NDF : 297027.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.303+/-0.025 χ^2/NDF : 633054.7/18

asym_sam6_cor_correction_mean vs Slug, Sign Corrected



Right In: 121.152+/-252.449 χ^2/NDF : 7.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.224+/-252.886 χ^2/NDF : 8.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

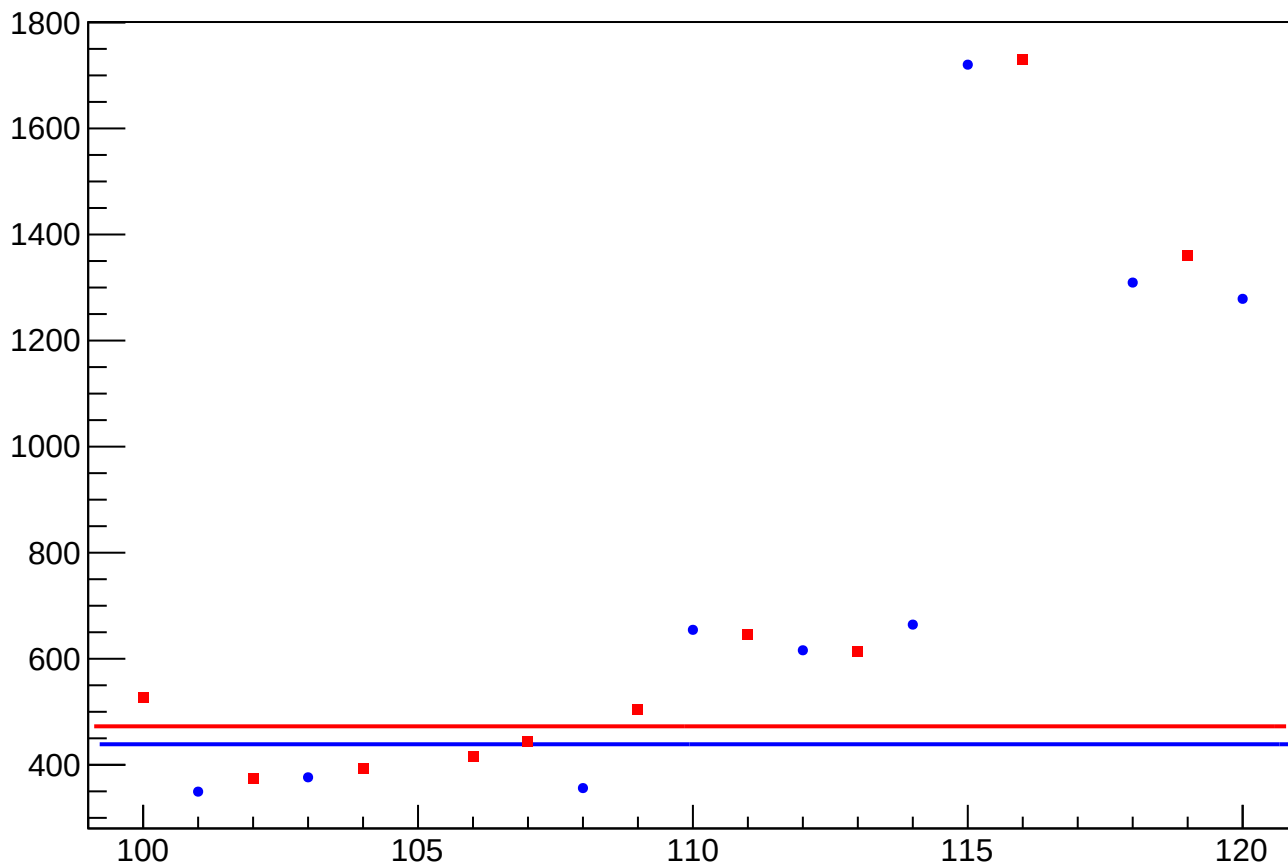
Right: 76.765+/-178.663 χ^2/NDF : 16.7/18

In: 121.152+/-252.449 χ^2/NDF : 7.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.765+/-178.663 χ^2/NDF : 16.7/18

asym_sam6_cor_correction_rms vs Slug, Sign Corrected



Right In: 438.800+/-0.179 χ^2/NDF : 1287794.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 472.619+/-0.179 χ^2/NDF : 1035575.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

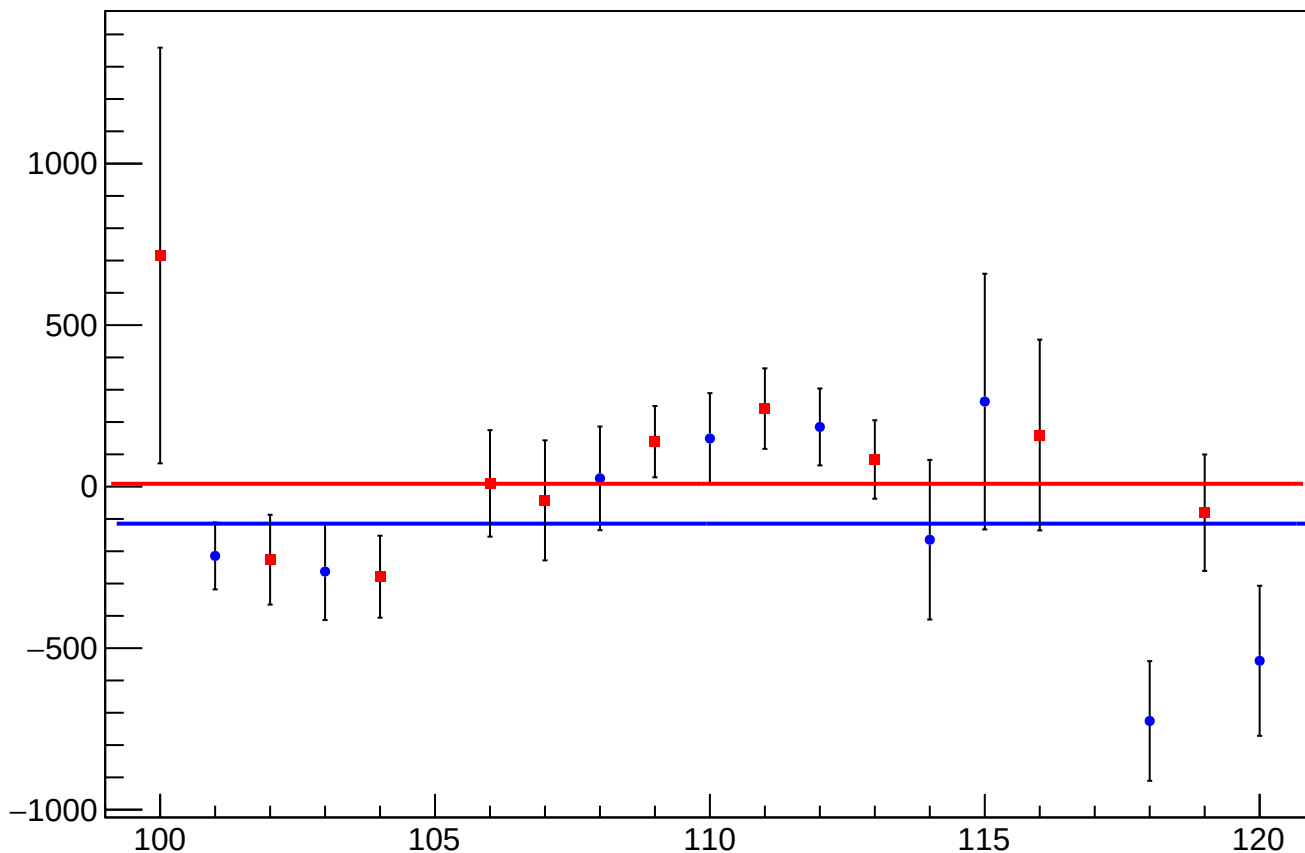
Right: 455.680+/-0.126 χ^2/NDF : 2341285.0/18

In: 438.800+/-0.179 χ^2/NDF : 1287794.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 455.680+/-0.126 χ^2/NDF : 2341285.0/18

eigen_cor_asym_sam6_mean vs Slug, Sign Corrected



Right In: -114.549+/-52.117 χ^2/NDF : 27.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.931+/-47.756 χ^2/NDF : 15.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

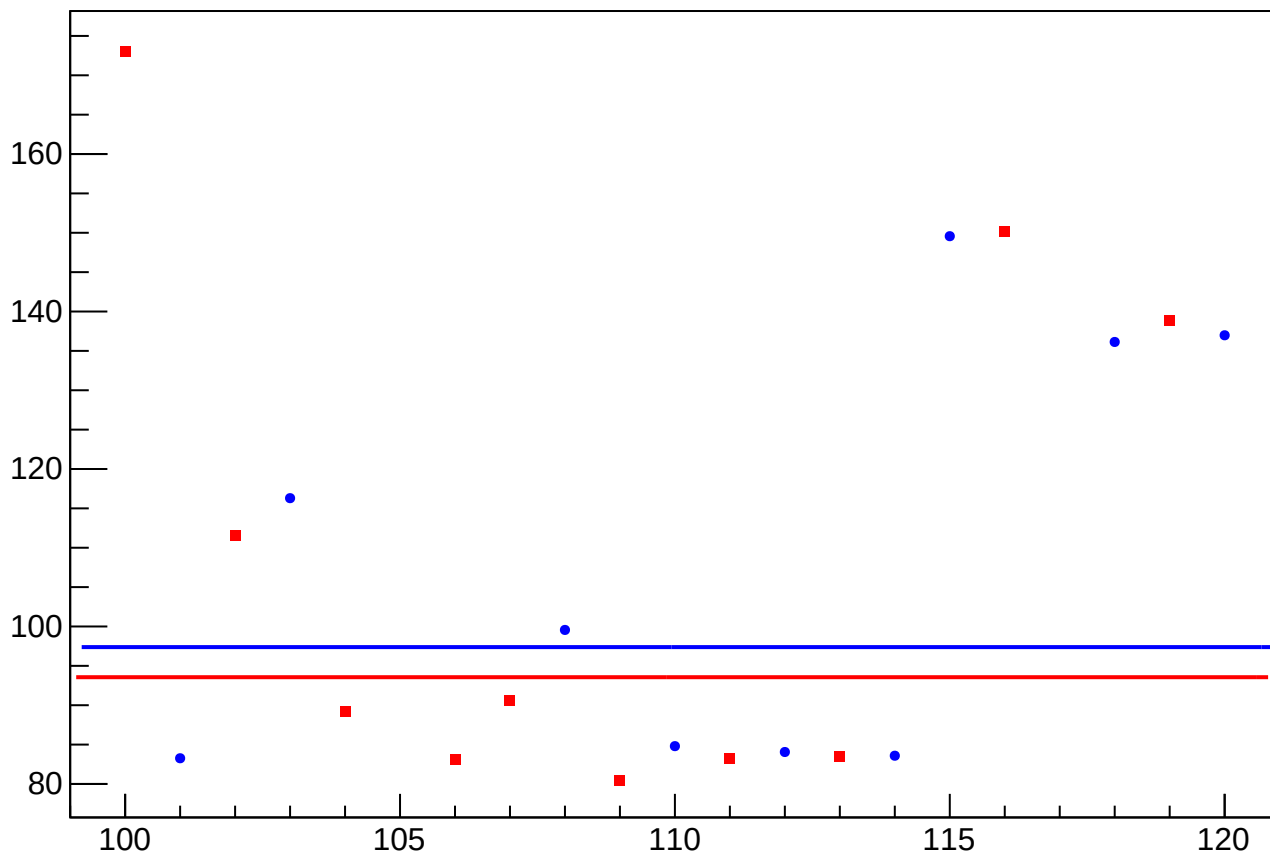
Right: -47.428+/-35.210 χ^2/NDF : 45.8/18

In: -114.549+/-52.117 χ^2/NDF : 27.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.428+/-35.210 χ^2/NDF : 45.8/18

eigen_cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 97.381+/-0.037 χ^2/NDF : 297027.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.558+/-0.034 χ^2/NDF : 330177.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

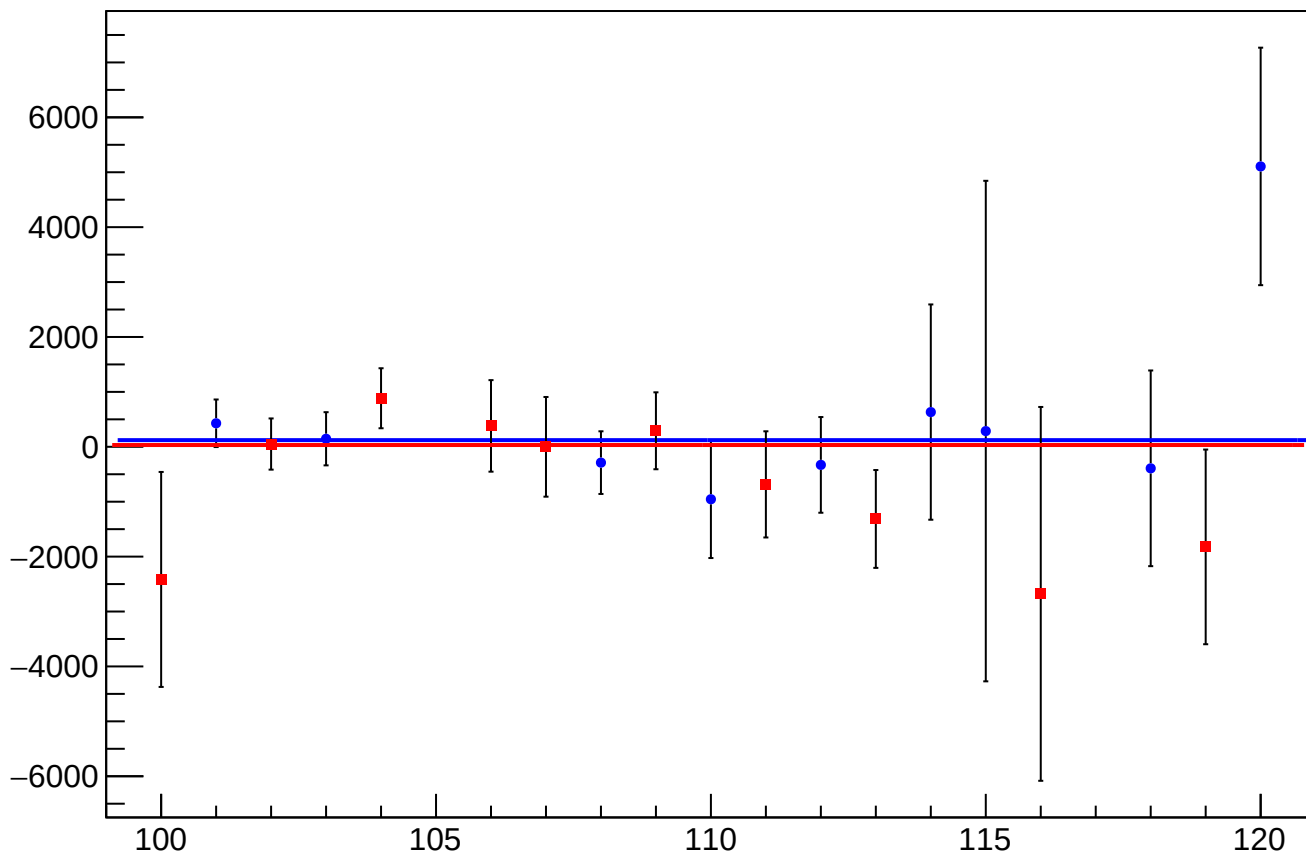
Right: 95.303+/-0.025 χ^2/NDF : 633054.7/18

In: 97.381+/-0.037 χ^2/NDF : 297027.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.303+/-0.025 χ^2/NDF : 633054.7/18

asym_sam6_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 121.152+/-252.449 χ^2/NDF : 7.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.224+/-252.886 χ^2/NDF : 8.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

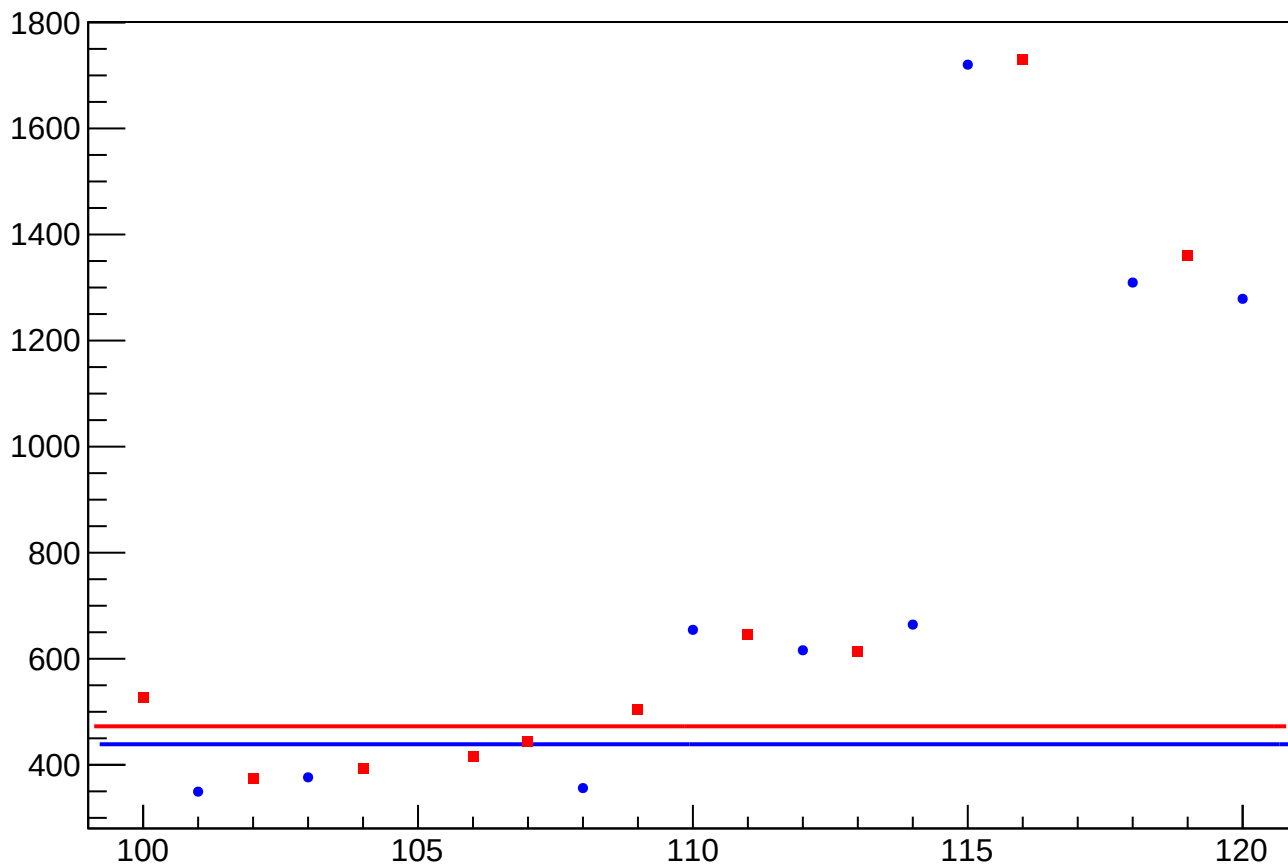
Right: 76.765+/-178.663 χ^2/NDF : 16.7/18

In: 121.152+/-252.449 χ^2/NDF : 7.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.765+/-178.663 χ^2/NDF : 16.7/18

asym_sam6_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 438.800+/-0.179 χ^2/NDF : 1287794.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 472.619+/-0.179 χ^2/NDF : 1035575.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

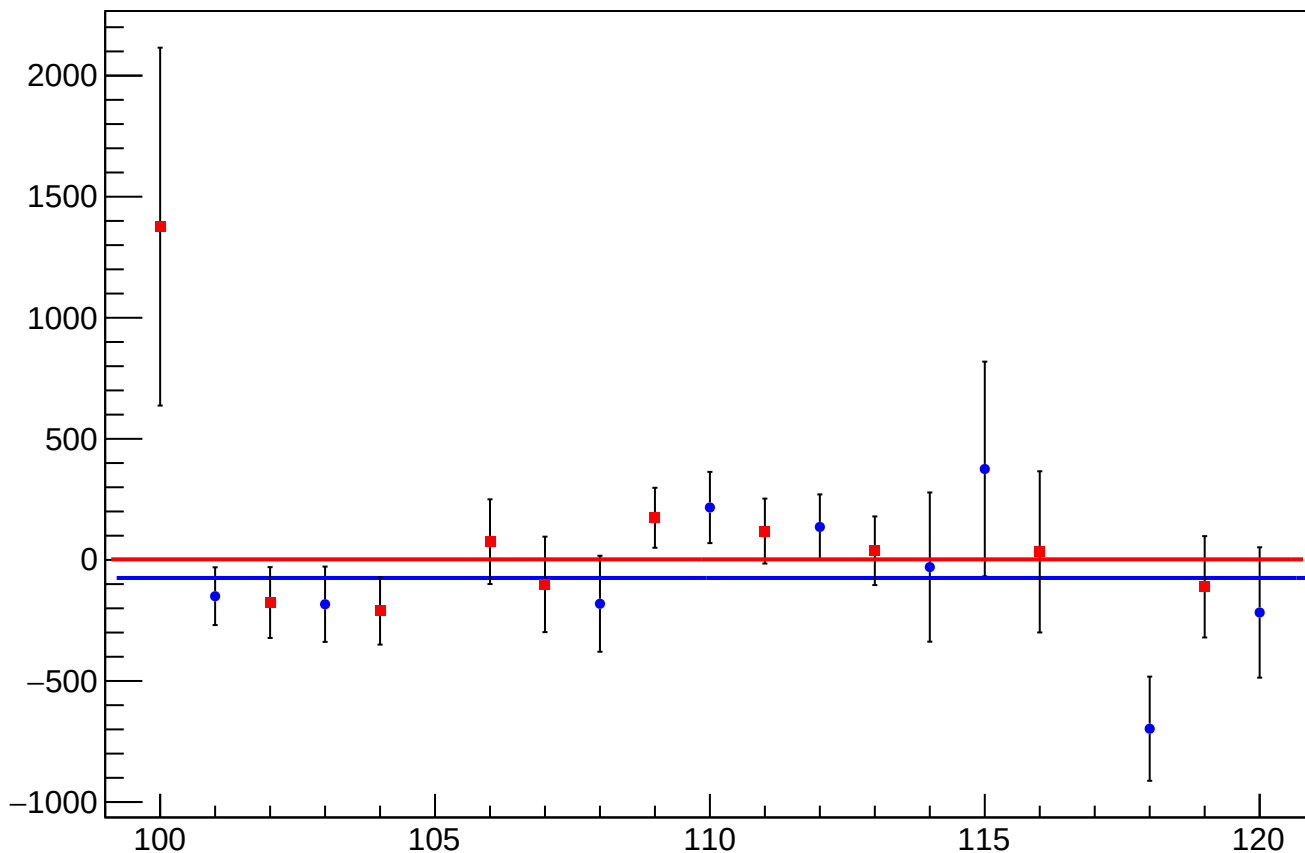
Right: 455.680+/-0.126 χ^2/NDF : 2341285.0/18

In: 438.800+/-0.179 χ^2/NDF : 1287794.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 455.680+/-0.126 χ^2/NDF : 2341285.0/18

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -74.628 $\pm$ 58.739 χ^2 /NDF: 17.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.343 $\pm$ 52.622 χ^2 /NDF: 10.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

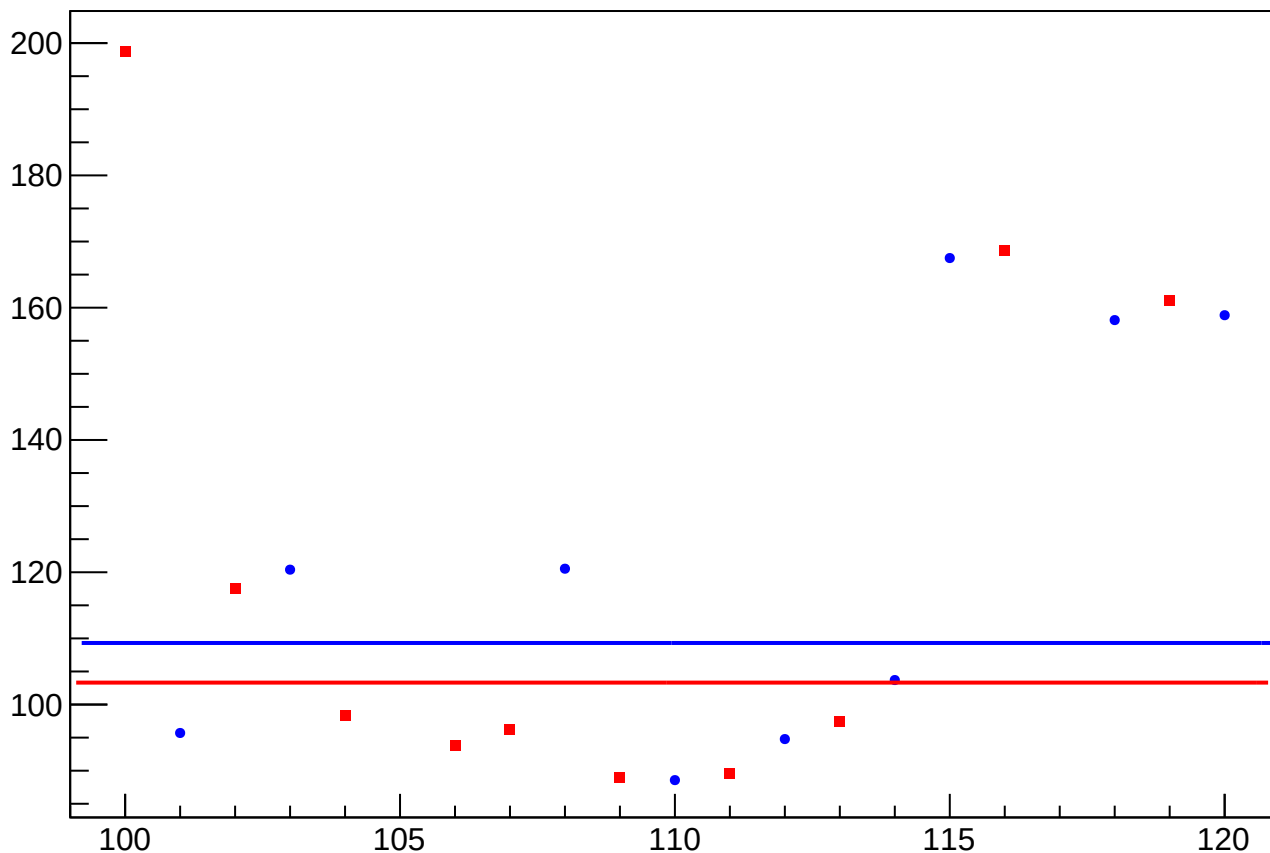
Right: -31.928 $\pm$ 39.194 χ^2 /NDF: 29.0/18

In: -74.628 $\pm$ 58.739 χ^2 /NDF:17.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -31.928 $\pm$ 39.194 χ^2 /NDF: 29.0/18

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 109.309+/-0.042 χ^2/NDF : 311633.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.317+/-0.037 χ^2/NDF : 343998.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

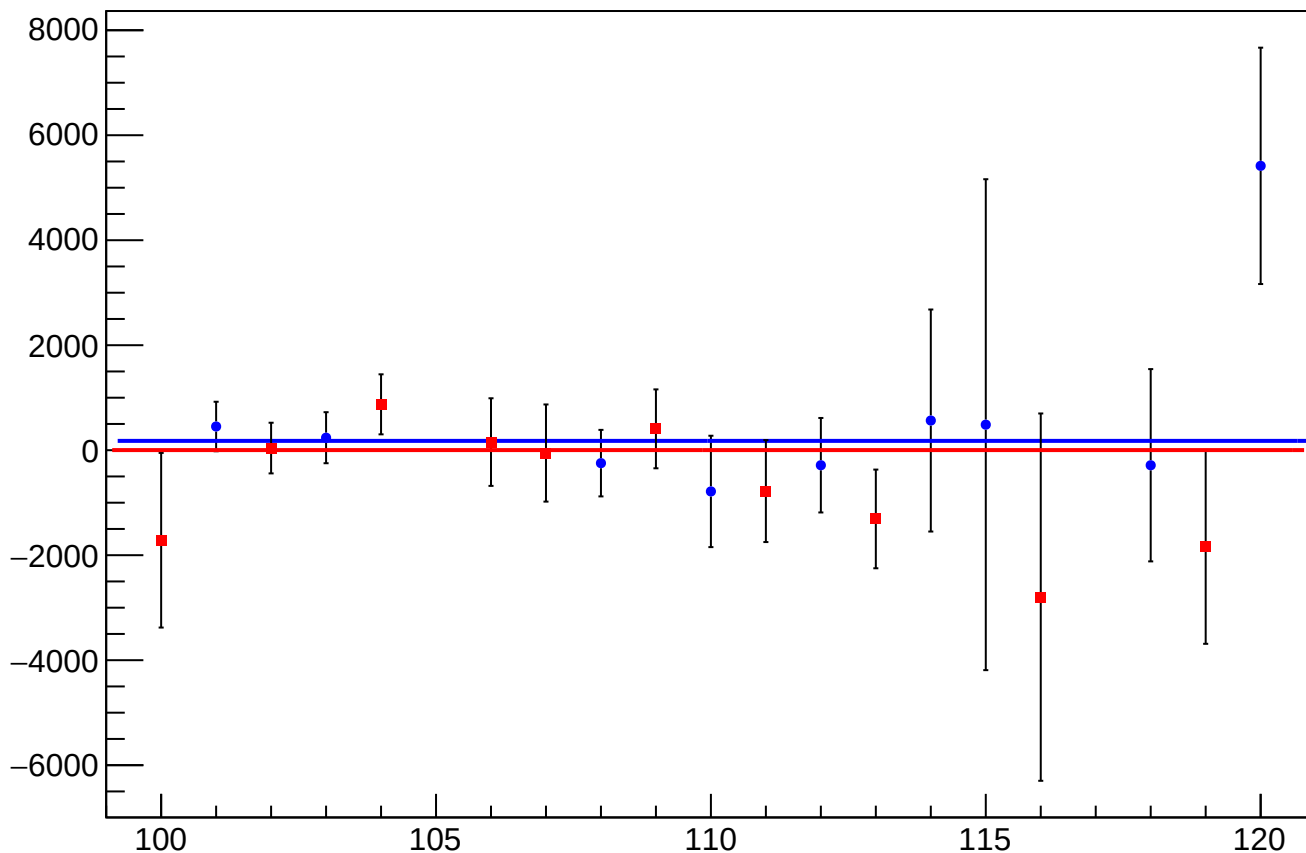
Right: 105.985+/-0.028 χ^2/NDF : 667177.5/18

In: 109.309+/-0.042 χ^2/NDF : 311633.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.985+/-0.028 χ^2/NDF : 667177.5/18

asym_sam6_dit_correction_mean vs Slug, Sign Corrected



Right In: 177.640 $\pm$ 266.221 χ^2 /NDF: 7.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.242 $\pm$ 261.210 χ^2 /NDF: 8.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

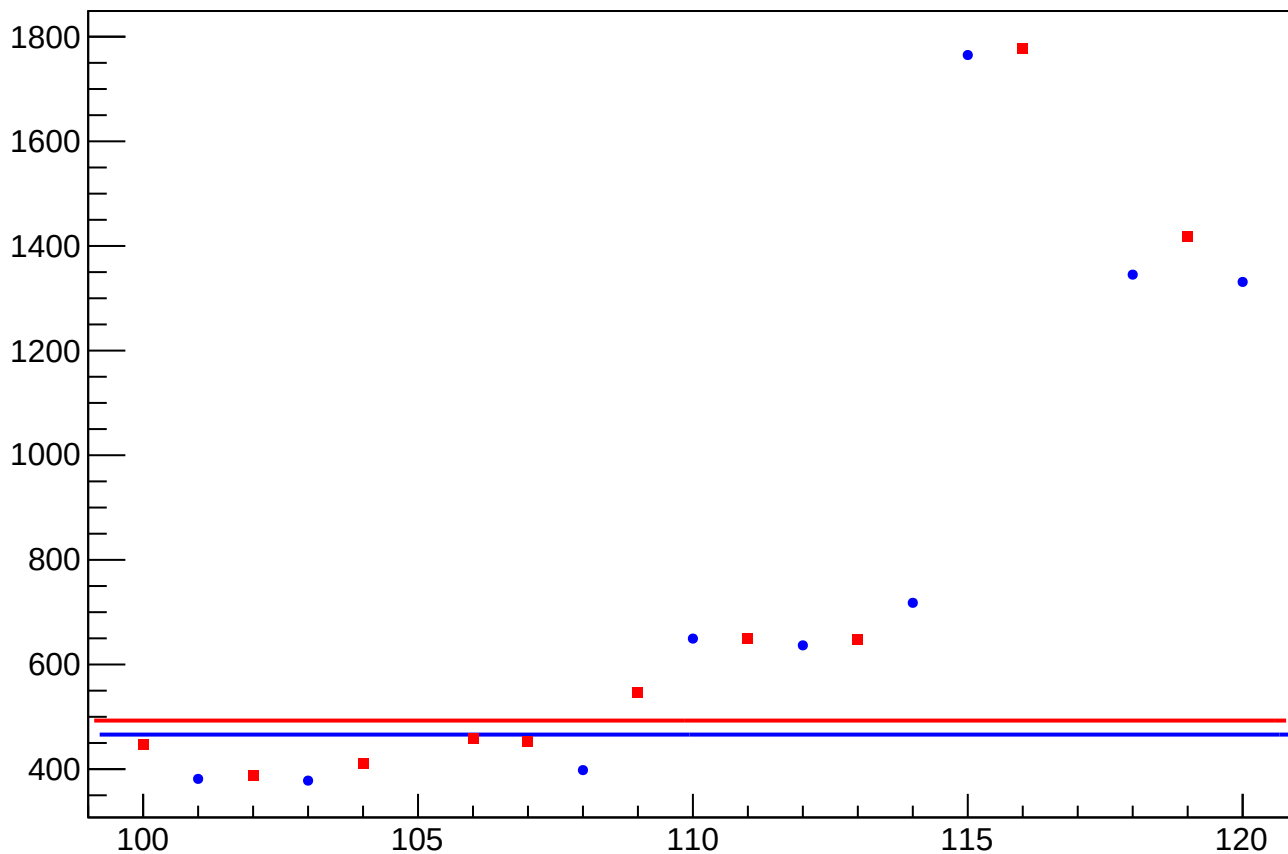
Right: 88.275 $\pm$ 186.450 χ^2 /NDF: 15.6/18

In: 177.640 $\pm$ 266.221 χ^2 /NDF: 7.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 88.275 $\pm$ 186.450 χ^2 /NDF: 15.6/18

asym_sam6_dit_correction_rms vs Slug, Sign Corrected



Right In: 466.033+/-0.188 χ^2/NDF : 1223675.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 492.832+/-0.185 χ^2/NDF : 1030776.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

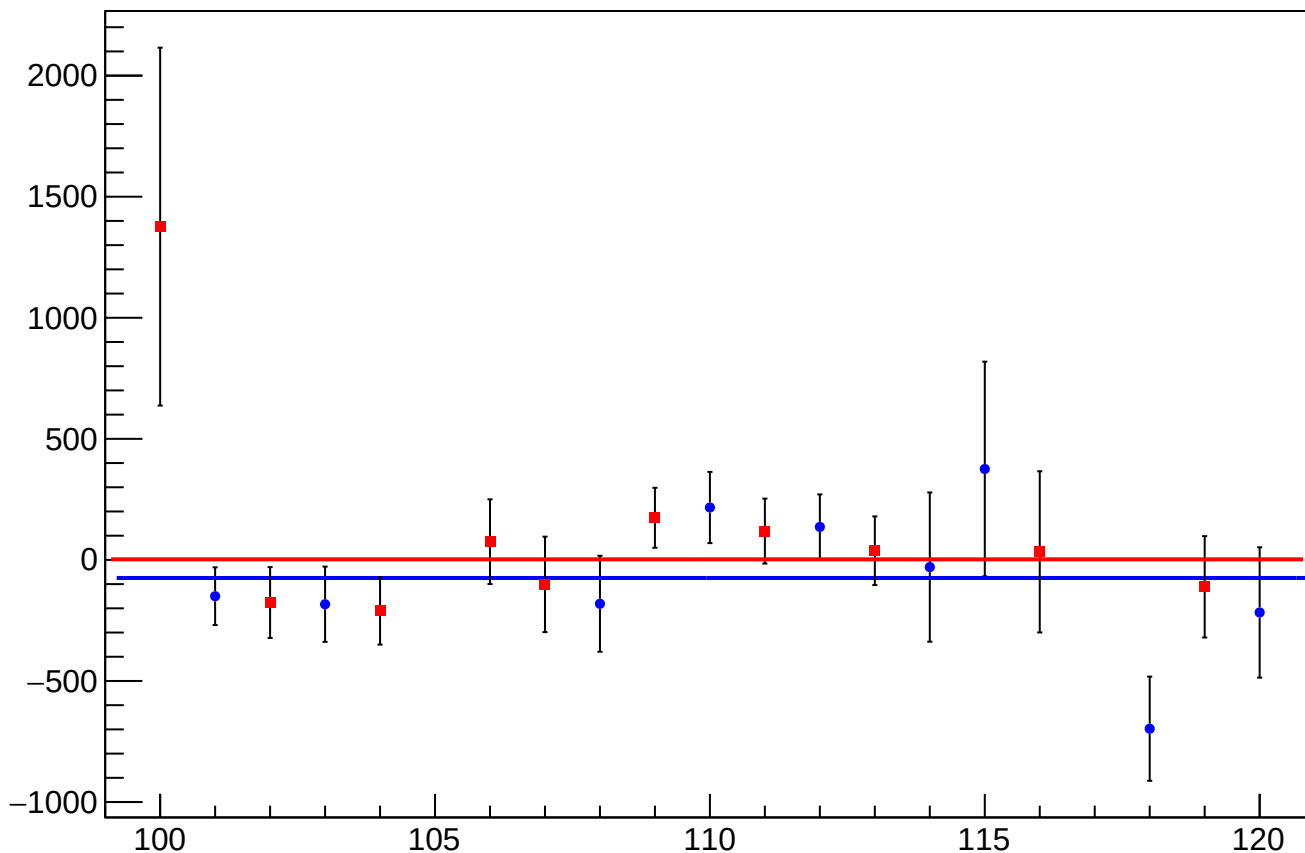
Right: 479.687+/-0.132 χ^2/NDF : 2264778.4/18

In: 466.033+/-0.188 χ^2/NDF : 1223675.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 479.687+/-0.132 χ^2/NDF : 2264778.4/18

eigen_dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -74.630+/-58.739 χ^2/NDF : 17.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.345+/-52.622 χ^2/NDF : 10.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

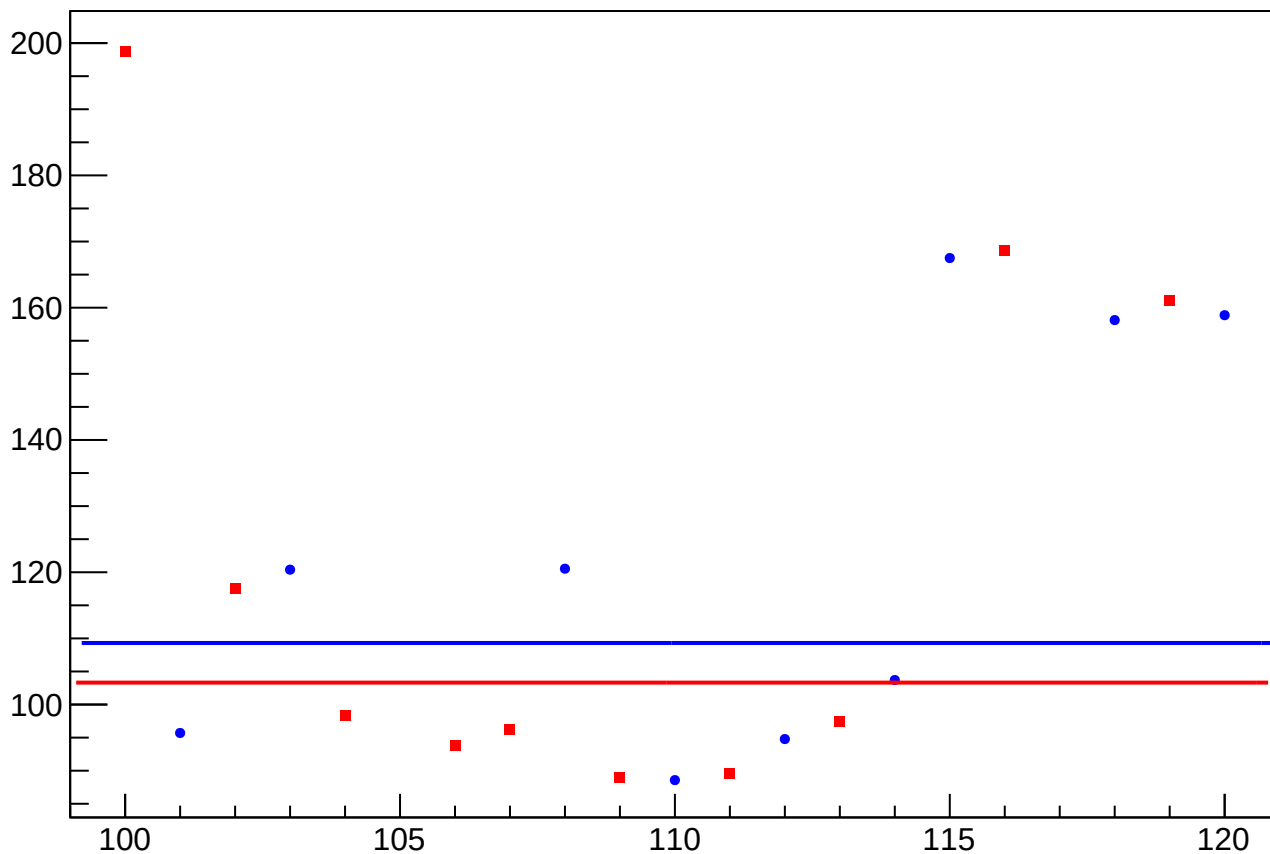
Right: -31.928+/-39.194 χ^2/NDF : 29.0/18

In: -74.630+/-58.739 χ^2/NDF : 17.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.928+/-39.194 χ^2/NDF : 29.0/18

eigen_dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 109.309+/-0.042 χ^2/NDF : 311636.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.317+/-0.037 χ^2/NDF : 343998.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

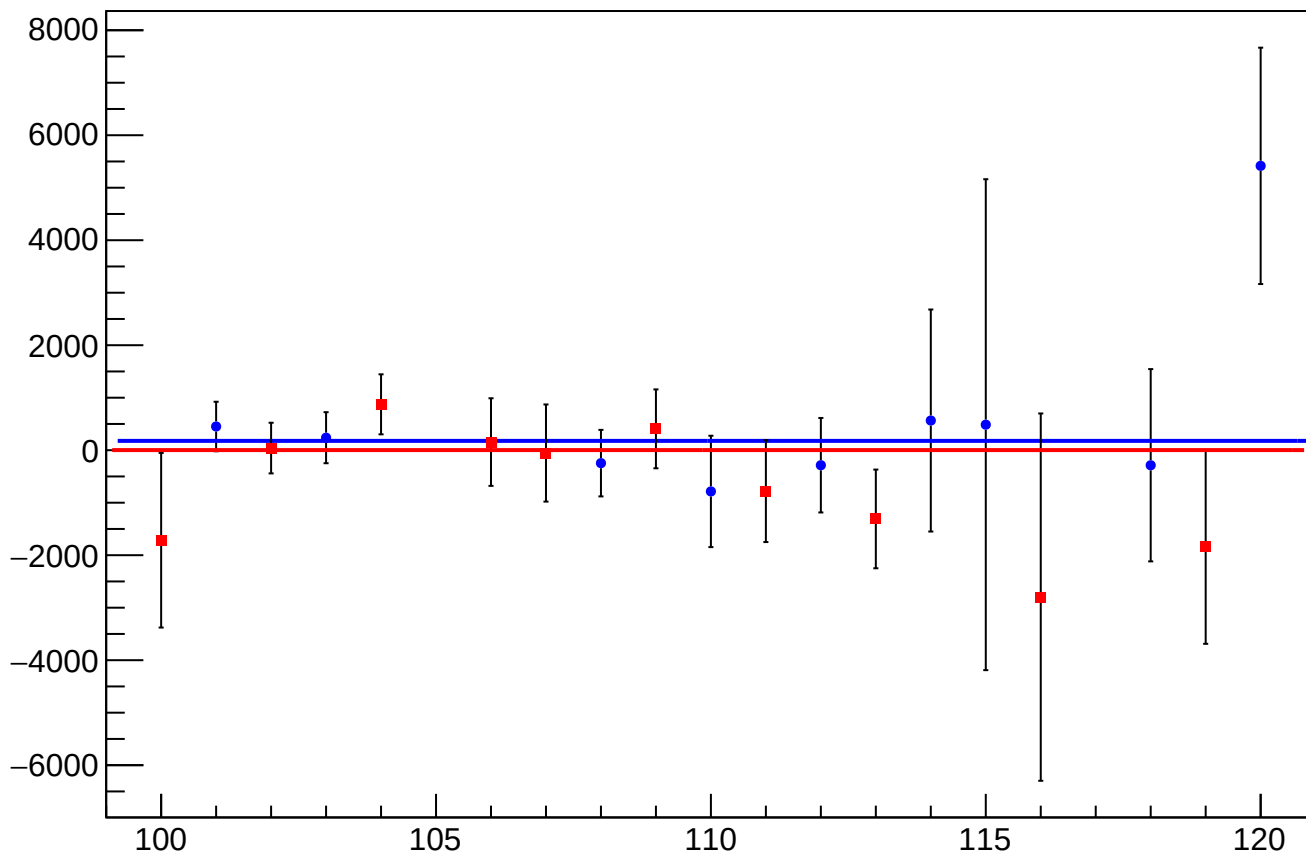
Right: 105.985+/-0.028 χ^2/NDF : 667179.5/18

In: 109.309+/-0.042 χ^2/NDF : 311636.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.985+/-0.028 χ^2/NDF : 667179.5/18

asym_sam6_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 177.640+/-266.221 χ^2/NDF : 7.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.244+/-261.210 χ^2/NDF : 8.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

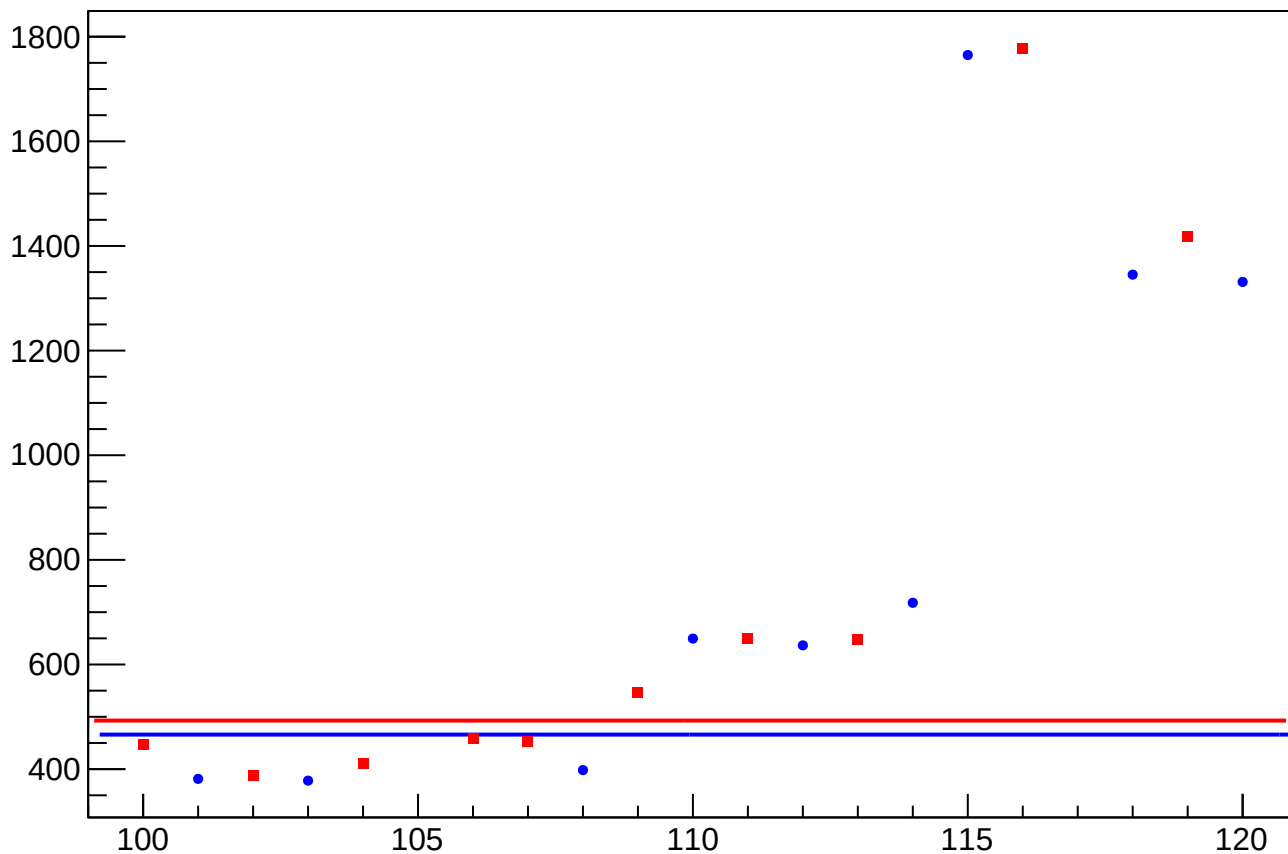
Right: 88.276+/-186.450 χ^2/NDF : 15.6/18

In: 177.640+/-266.221 χ^2/NDF : 7.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.276+/-186.450 χ^2/NDF : 15.6/18

asym_sam6_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 466.032+/-0.188 χ^2/NDF : 1223677.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 492.832+/-0.185 χ^2/NDF : 1030776.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

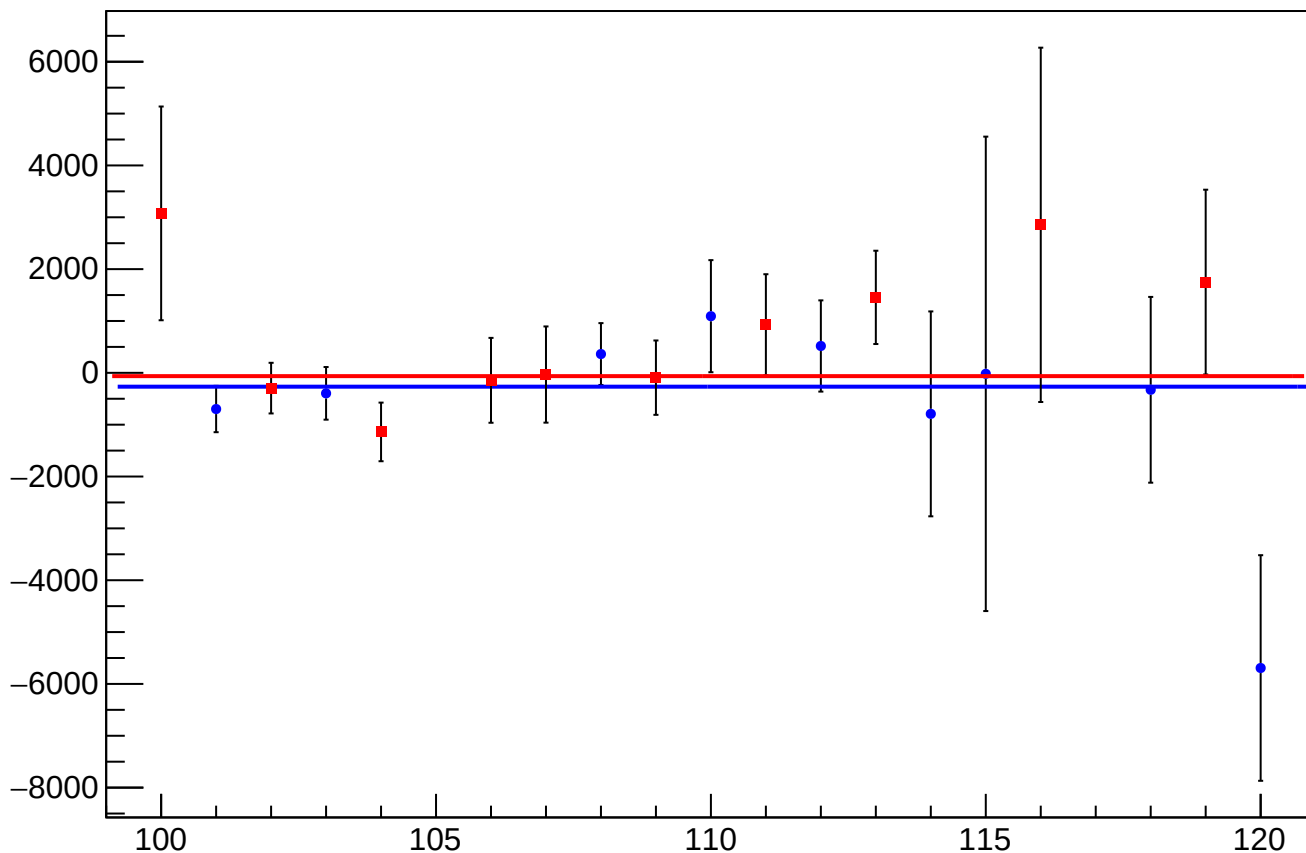
Right: 479.686+/-0.132 χ^2/NDF : 2264781.1/18

In: 466.032+/-0.188 χ^2/NDF : 1223677.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 479.686+/-0.132 χ^2/NDF : 2264781.1/18

asym_sam6_mean vs Slug, Sign Corrected



Right In: -267.011+/-261.053 χ^2/NDF : 10.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -63.730+/-259.543 χ^2/NDF : 11.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

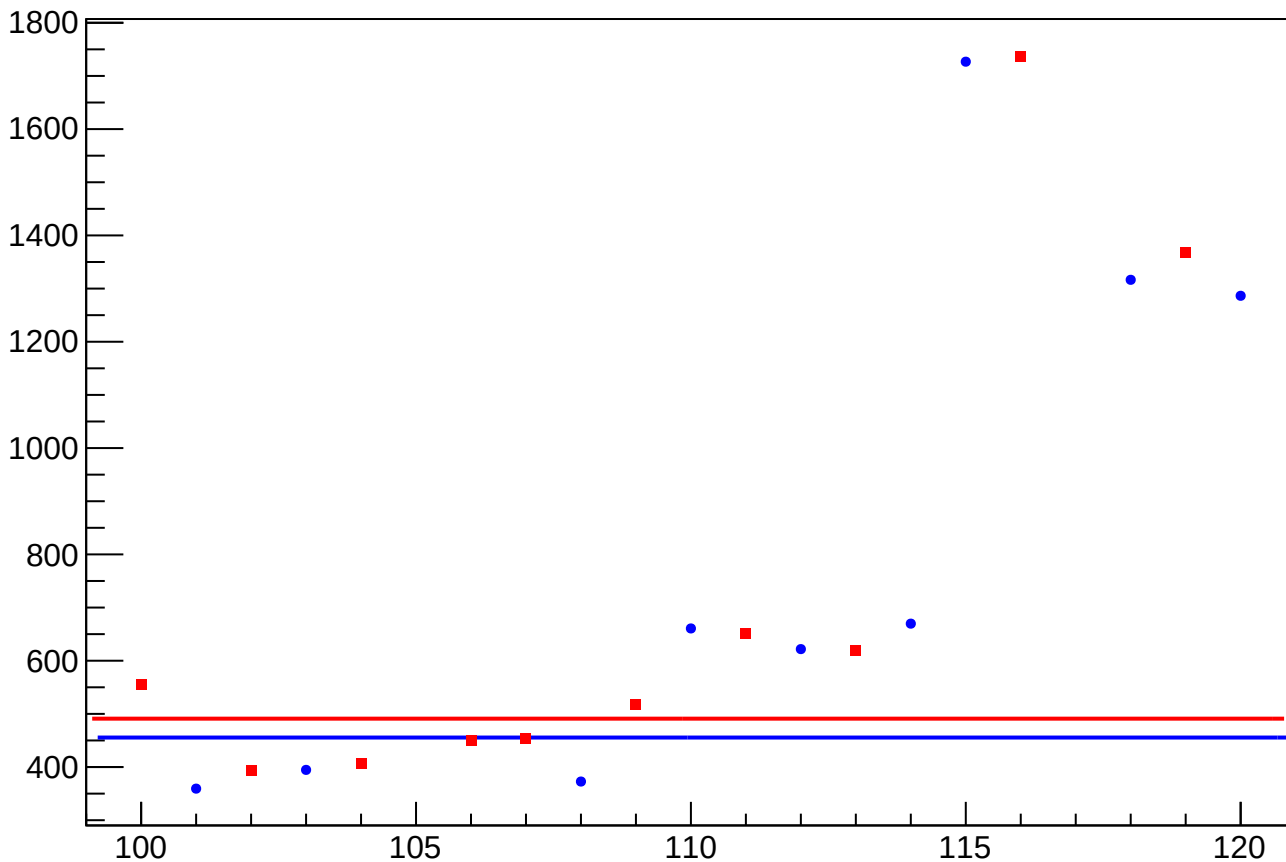
Right: -164.780+/-184.056 χ^2/NDF : 22.9/18

In: -267.011+/-261.053 χ^2/NDF : 10.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -164.780+/-184.056 χ^2/NDF : 22.9/18

asym_sam6_rms vs Slug, Sign Corrected



Right In: 455.498+/-0.185 χ^2/NDF : 1235023.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 491.022+/-0.184 χ^2/NDF : 982307.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

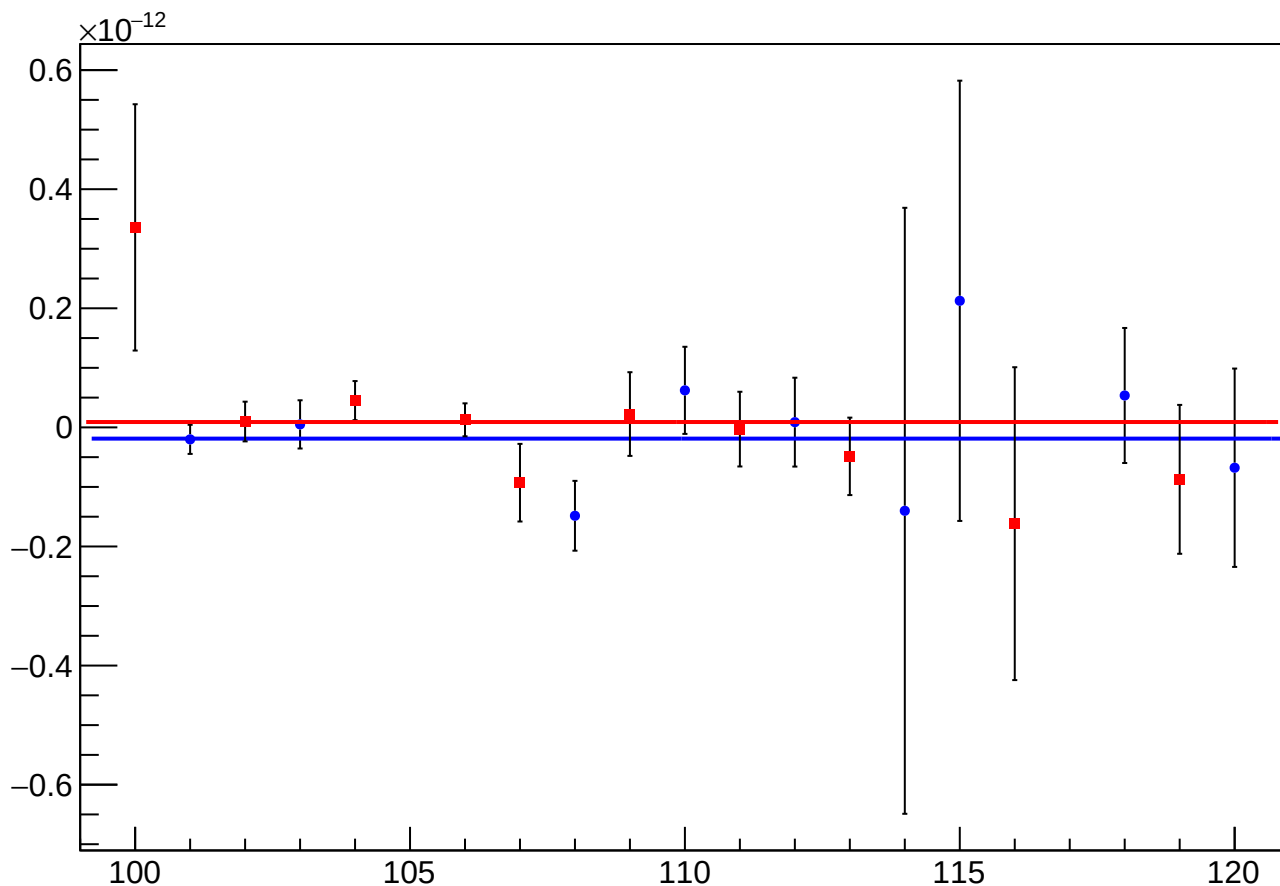
Right: 473.363+/-0.130 χ^2/NDF : 2235956.7/18

In: 455.498+/-0.185 χ^2/NDF : 1235023.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 473.363+/-0.130 χ^2/NDF : 2235956.7/18

asym_sam6_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 7.5/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 8.0/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

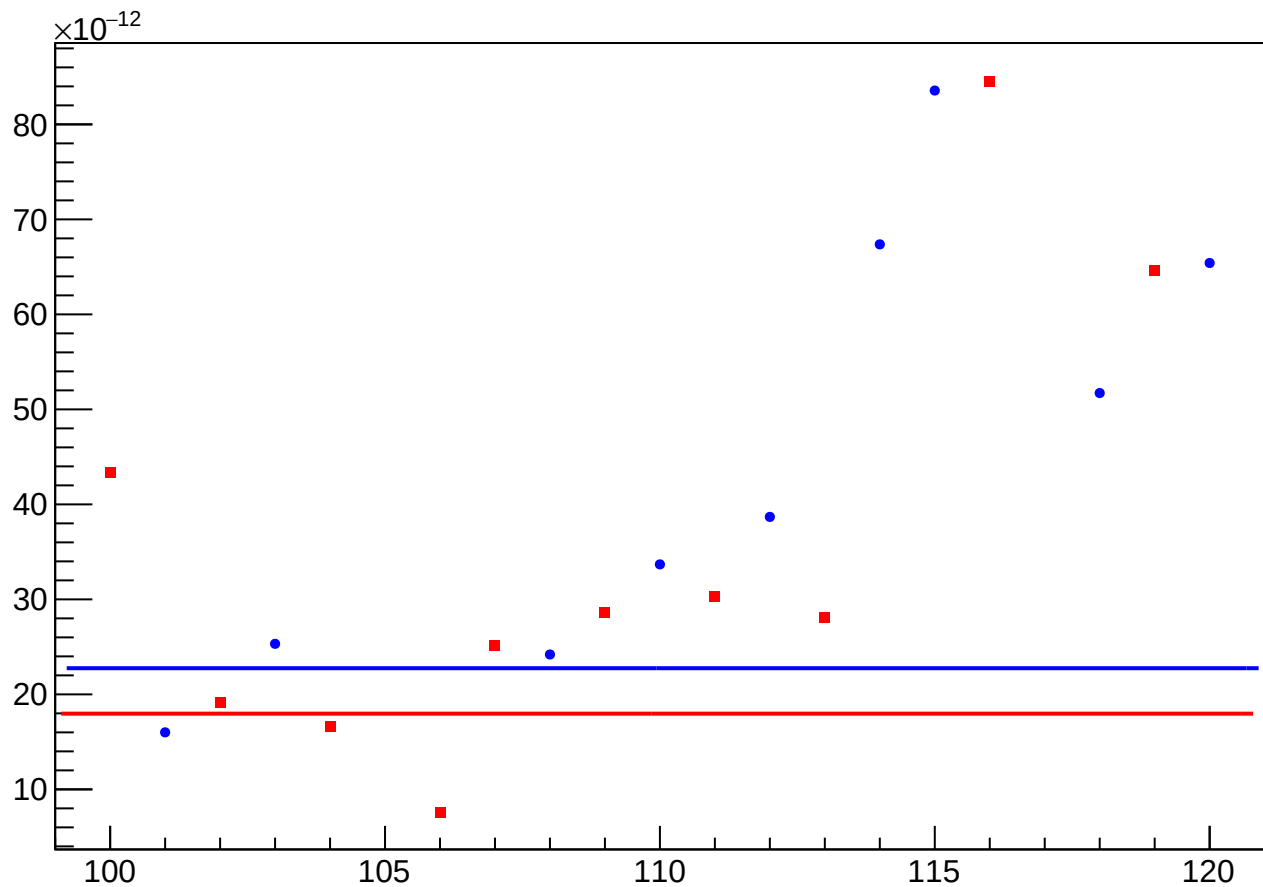
Right: -0.000+/-0.000 χ^2 /NDF: 17.0/18

In: -0.000+/-0.000 χ^2 /NDF:7.5/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 17.0/18

asym_sam6_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 628807.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 921466.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

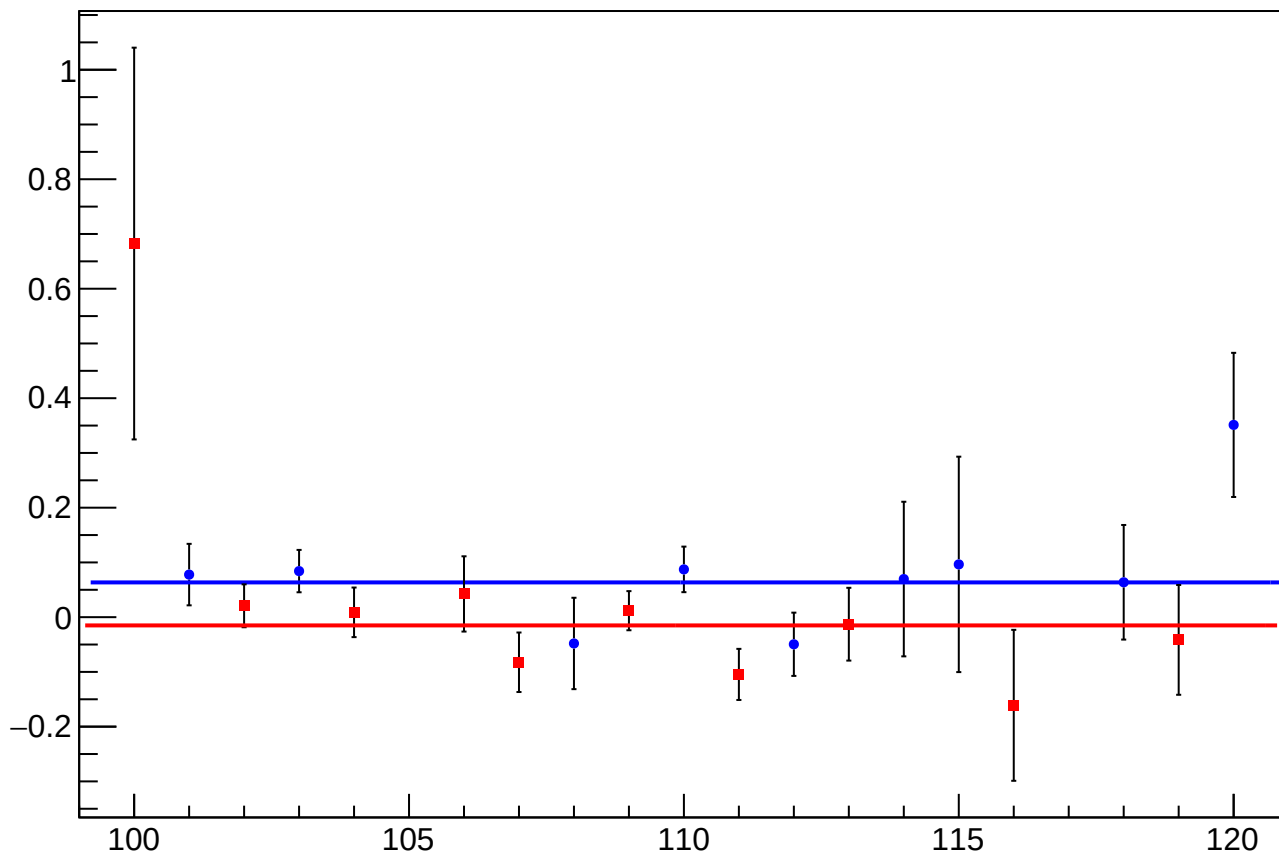
Right: 0.000+/-0.000 χ^2/NDF : 1631067.2/18

In: 0.000+/-0.000 χ^2/NDF : 628807.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1631067.2/18

asym_sam6_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.063+/-0.021 χ^2/NDF : 11.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.015+/-0.017 χ^2/NDF : 12.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

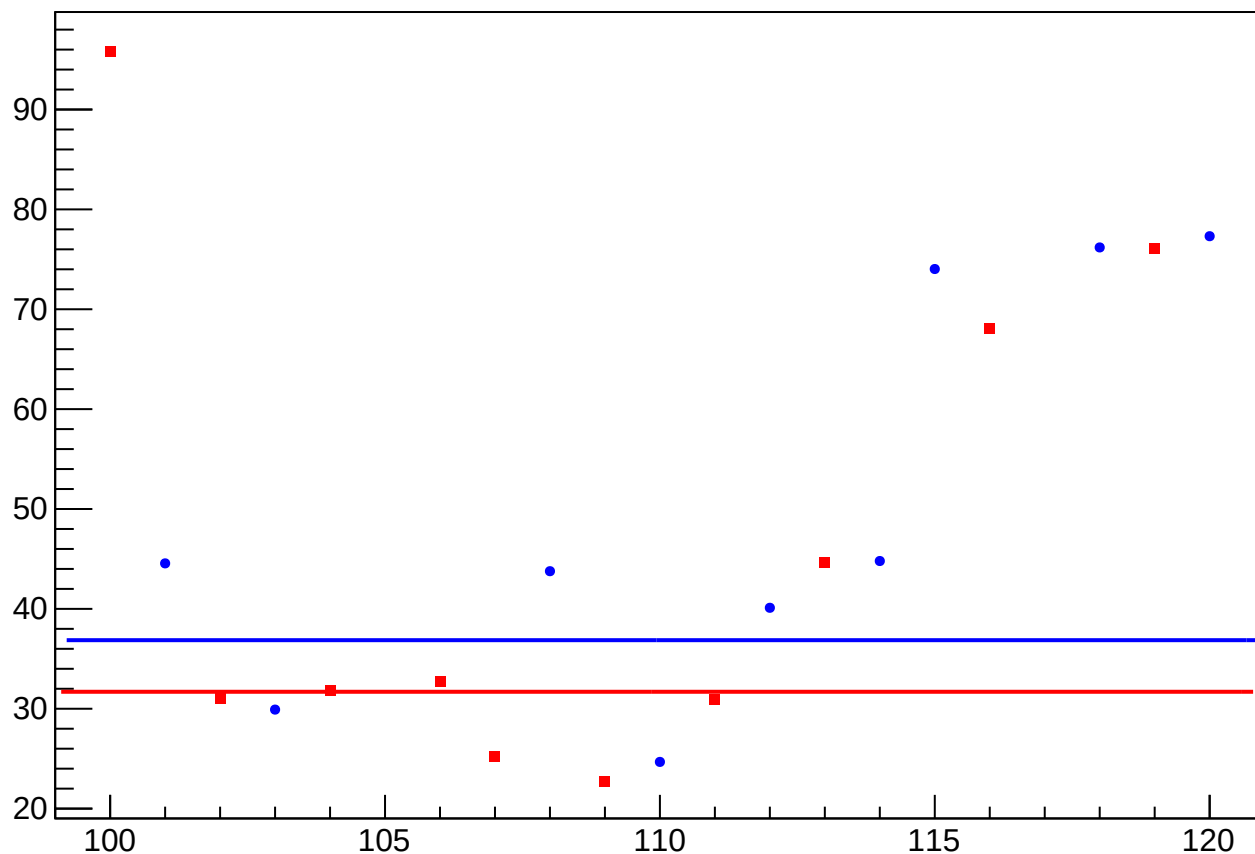
Right: 0.017+/-0.013 χ^2/NDF : 31.9/18

In: 0.063+/-0.021 χ^2/NDF : 11.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.013 χ^2/NDF : 31.9/18

asym_sam6_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.865+/-0.015 χ^2/NDF : 842388.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.699+/-0.012 χ^2/NDF : 827220.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

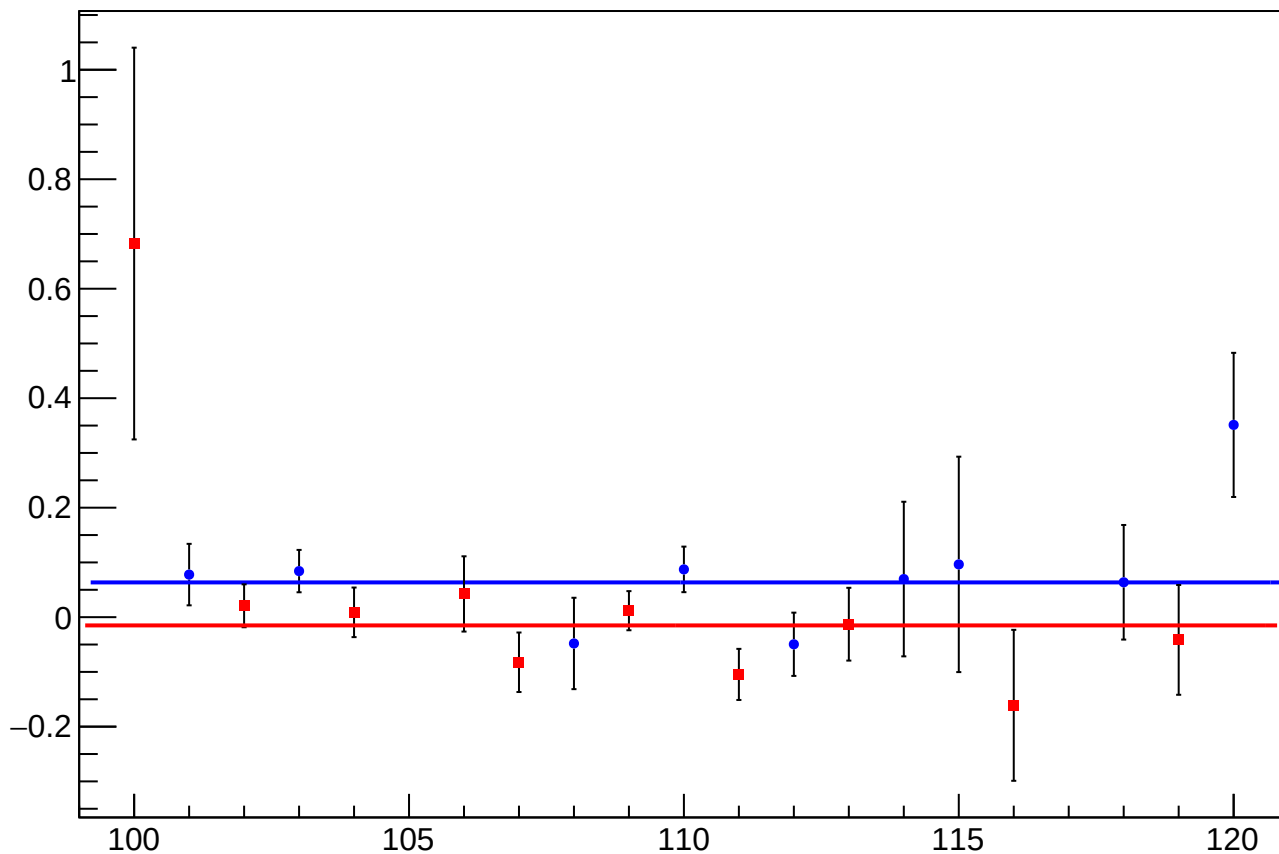
Right: 33.776+/-0.009 χ^2/NDF : 1740792.5/18

In: 36.865+/-0.015 χ^2/NDF : 842388.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.776+/-0.009 χ^2/NDF : 1740792.5/18

asym_sam6_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.063+/-0.021 χ^2/NDF : 11.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.015+/-0.017 χ^2/NDF : 12.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

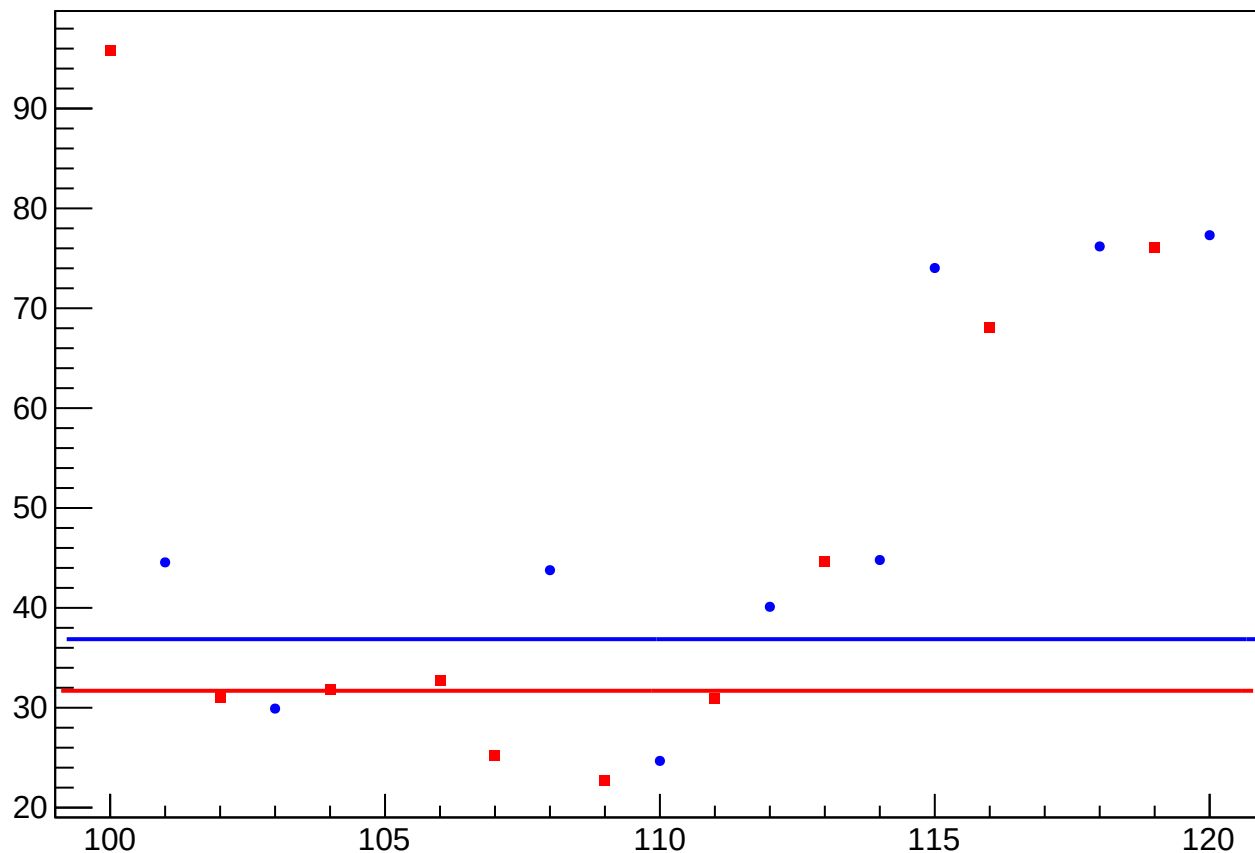
Right: 0.017+/-0.013 χ^2/NDF : 31.9/18

In: 0.063+/-0.021 χ^2/NDF : 11.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.013 χ^2/NDF : 31.9/18

asym_sam6_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.865+/-0.015 χ^2/NDF : 842388.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.699+/-0.012 χ^2/NDF : 827220.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

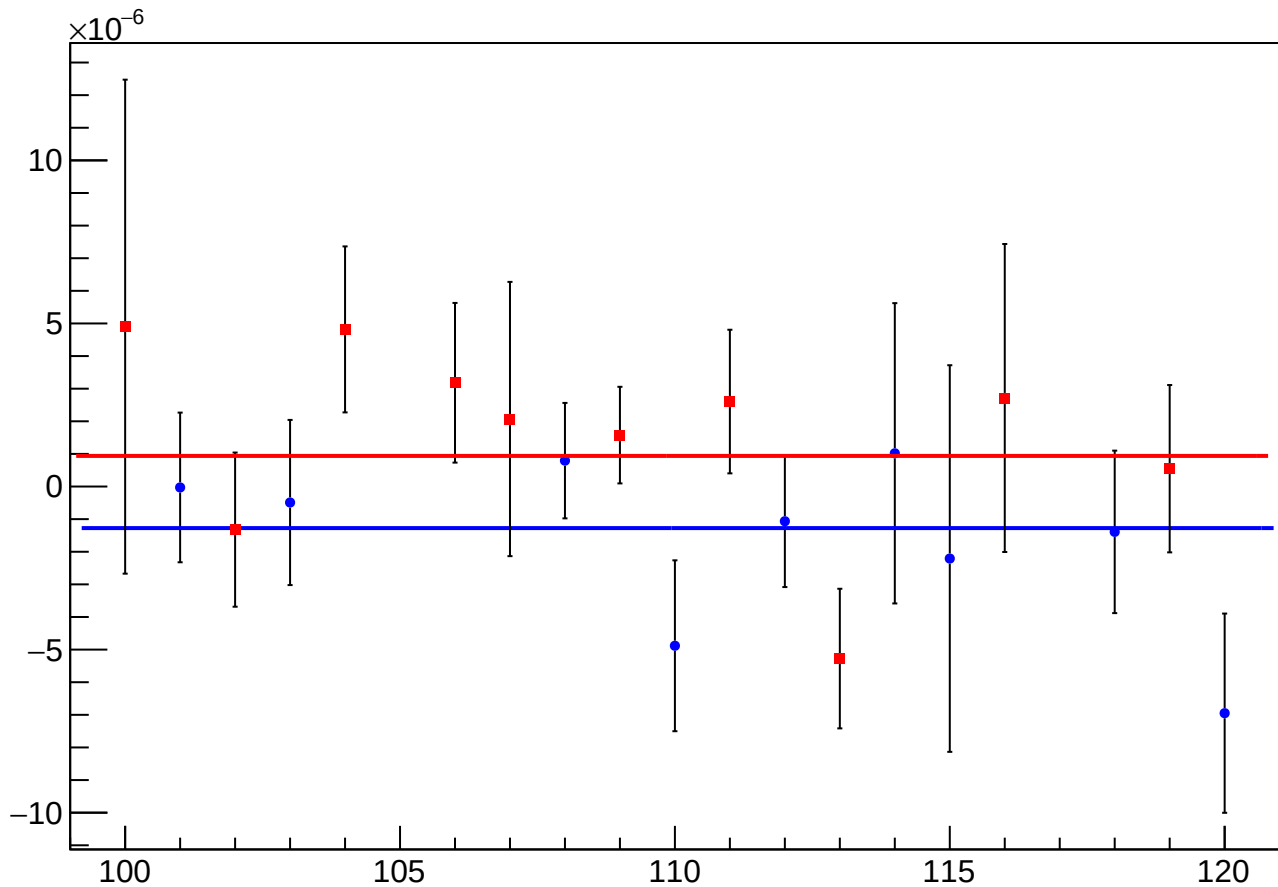
Right: 33.776+/-0.009 χ^2/NDF : 1740792.5/18

In: 36.865+/-0.015 χ^2/NDF : 842388.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.776+/-0.009 χ^2/NDF : 1740792.5/18

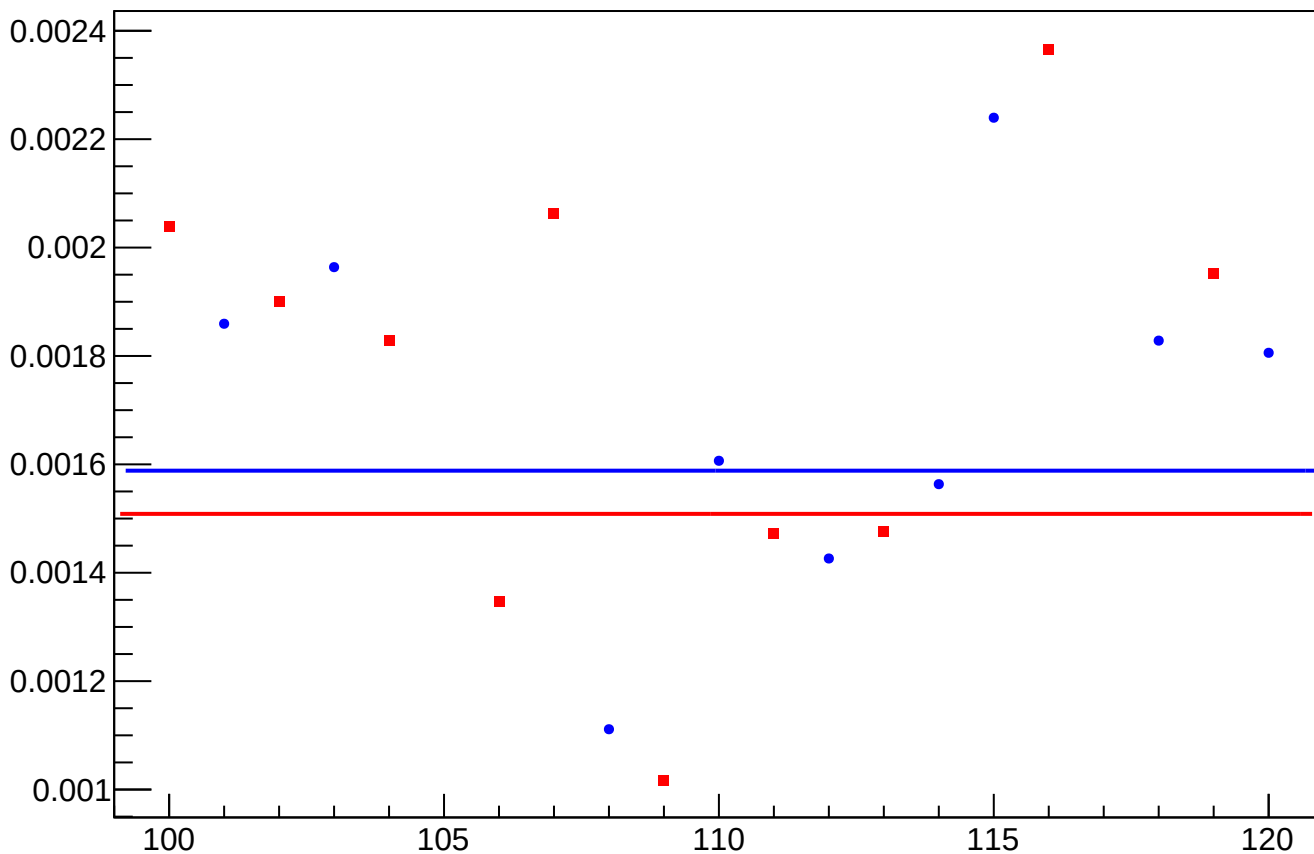
asym_sam6_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.4/8
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 13.8/9
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 24.9/18
 In: -0.000+/-0.000 χ^2/NDF :7.4/8
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 24.9/18

asym_sam6_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 283162.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 486678.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

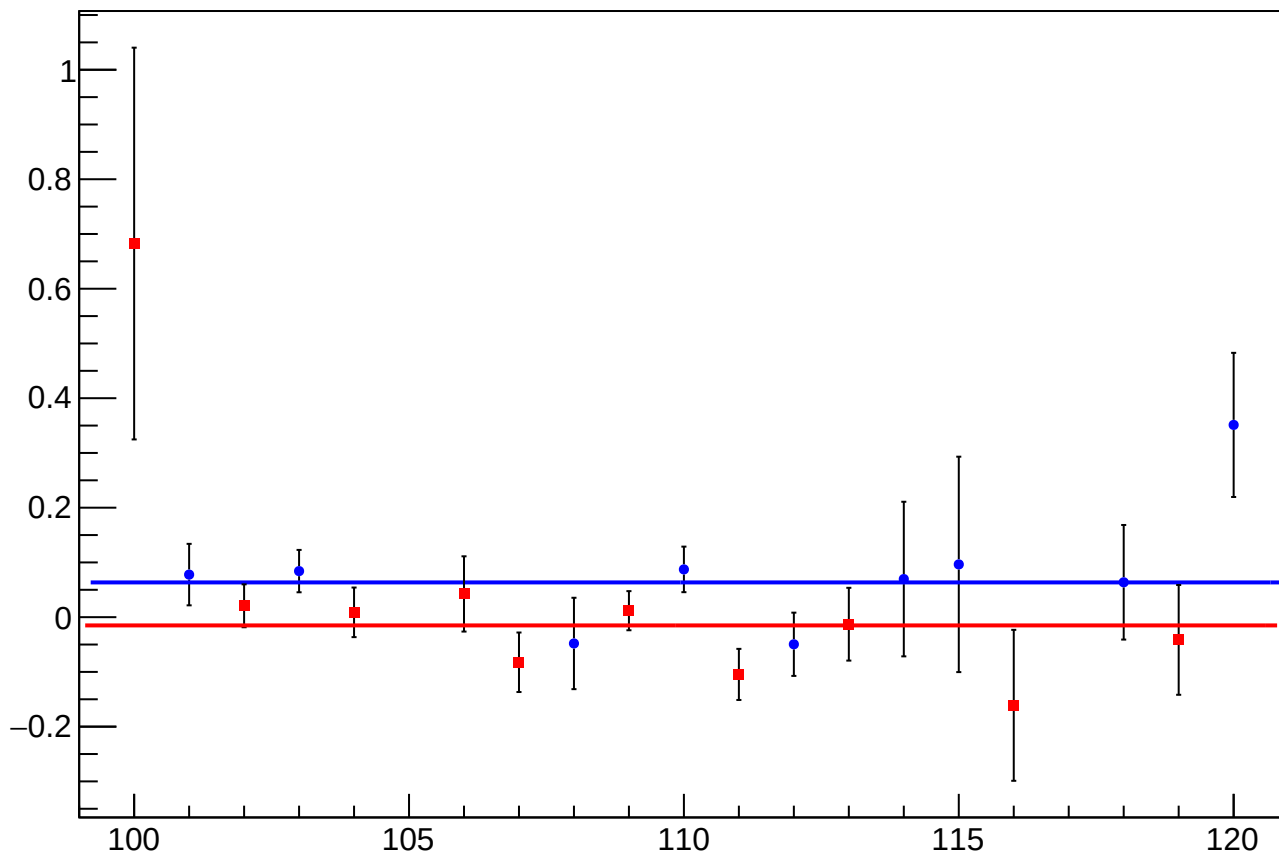
Right: 0.002+/-0.000 χ^2/NDF : 779472.2/18

In: 0.002+/-0.000 χ^2/NDF :283162.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 779472.2/18

asym_sam6_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.063+/-0.021 χ^2/NDF : 11.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.015+/-0.017 χ^2/NDF : 12.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

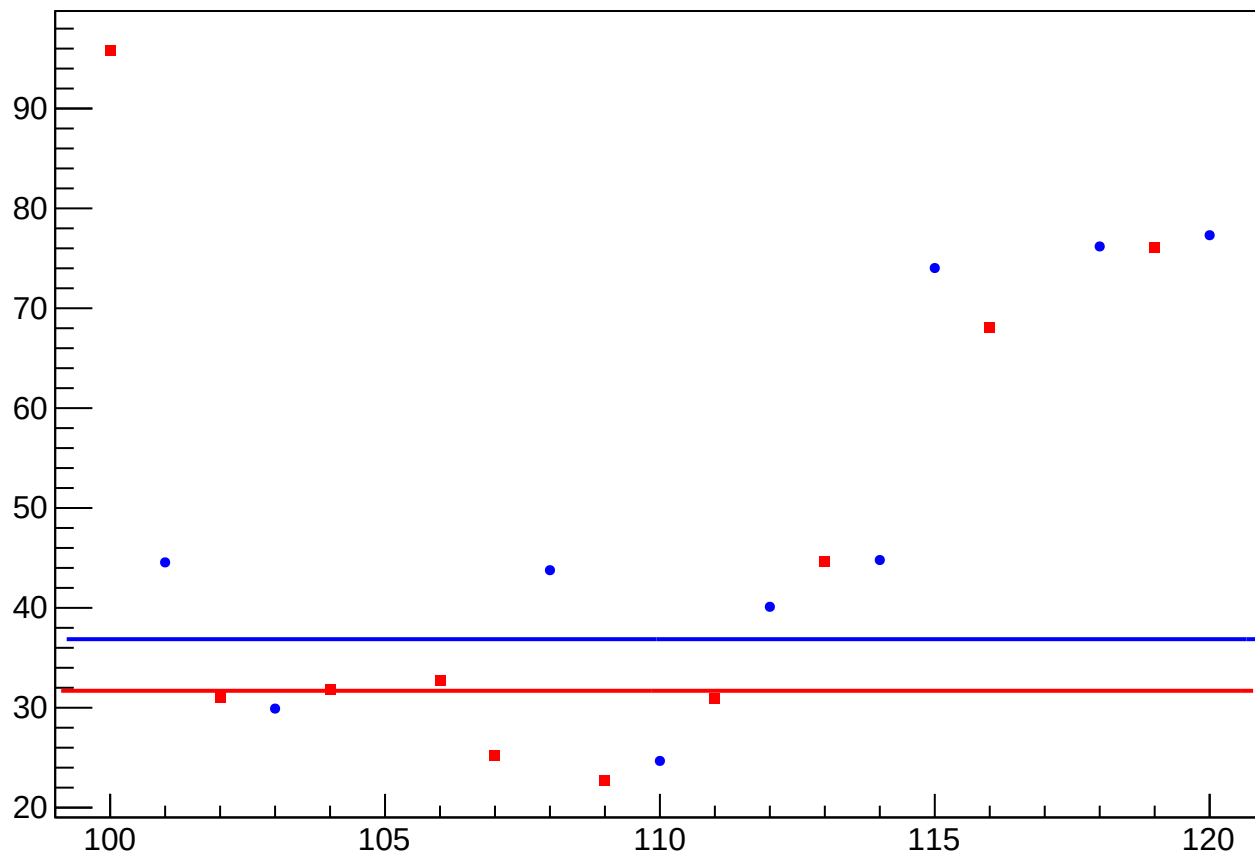
Right: 0.017+/-0.013 χ^2/NDF : 31.9/18

In: 0.063+/-0.021 χ^2/NDF : 11.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.013 χ^2/NDF : 31.9/18

asym_sam6_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.865+/-0.015 χ^2/NDF : 842393.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.699+/-0.012 χ^2/NDF : 827217.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

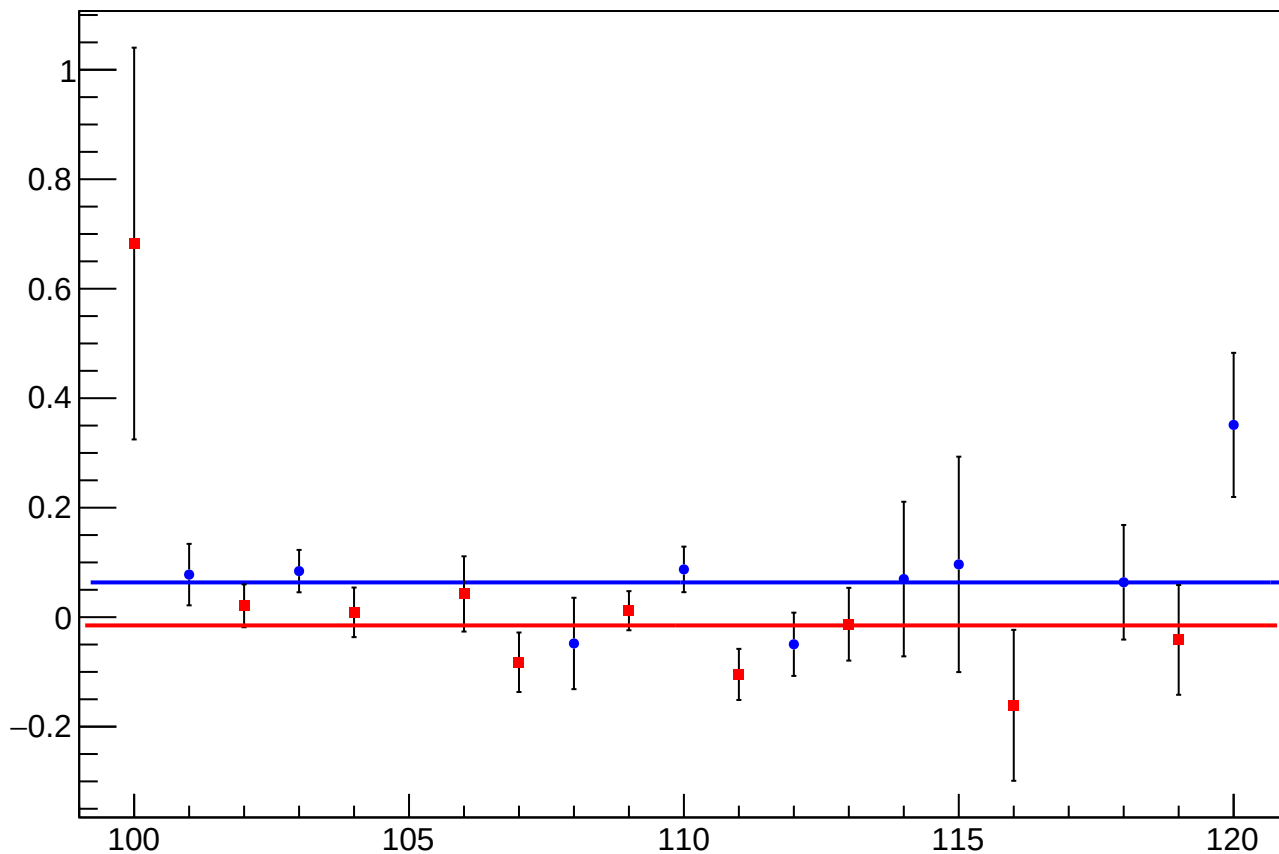
Right: 33.776+/-0.009 χ^2/NDF : 1740790.0/18

In: 36.865+/-0.015 χ^2/NDF : 842393.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.776+/-0.009 χ^2/NDF : 1740790.0/18

asym_sam6_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.063+/-0.021 χ^2/NDF : 11.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.015+/-0.017 χ^2/NDF : 12.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

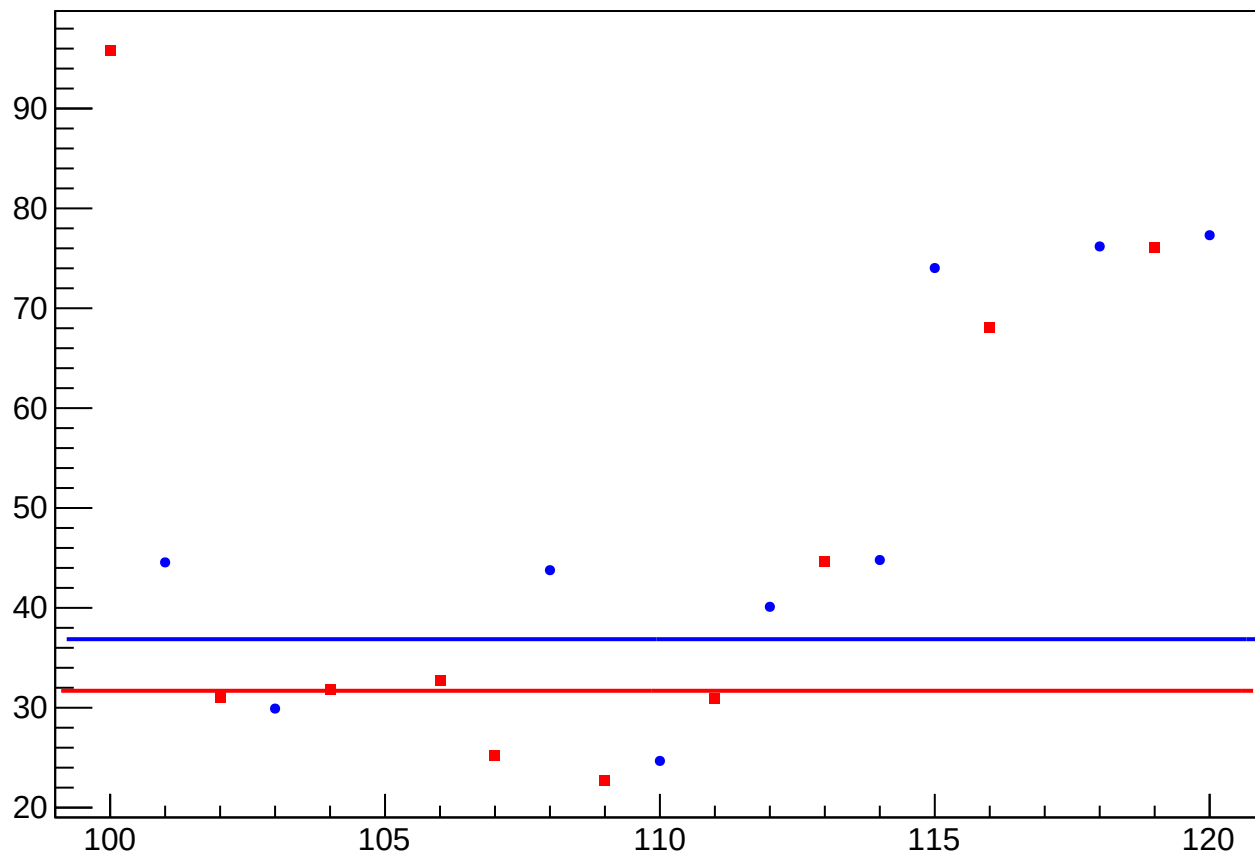
Right: 0.017+/-0.013 χ^2/NDF : 31.9/18

In: 0.063+/-0.021 χ^2/NDF : 11.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.013 χ^2/NDF : 31.9/18

asym_sam6_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.865+/-0.015 χ^2/NDF : 842393.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.699+/-0.012 χ^2/NDF : 827217.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

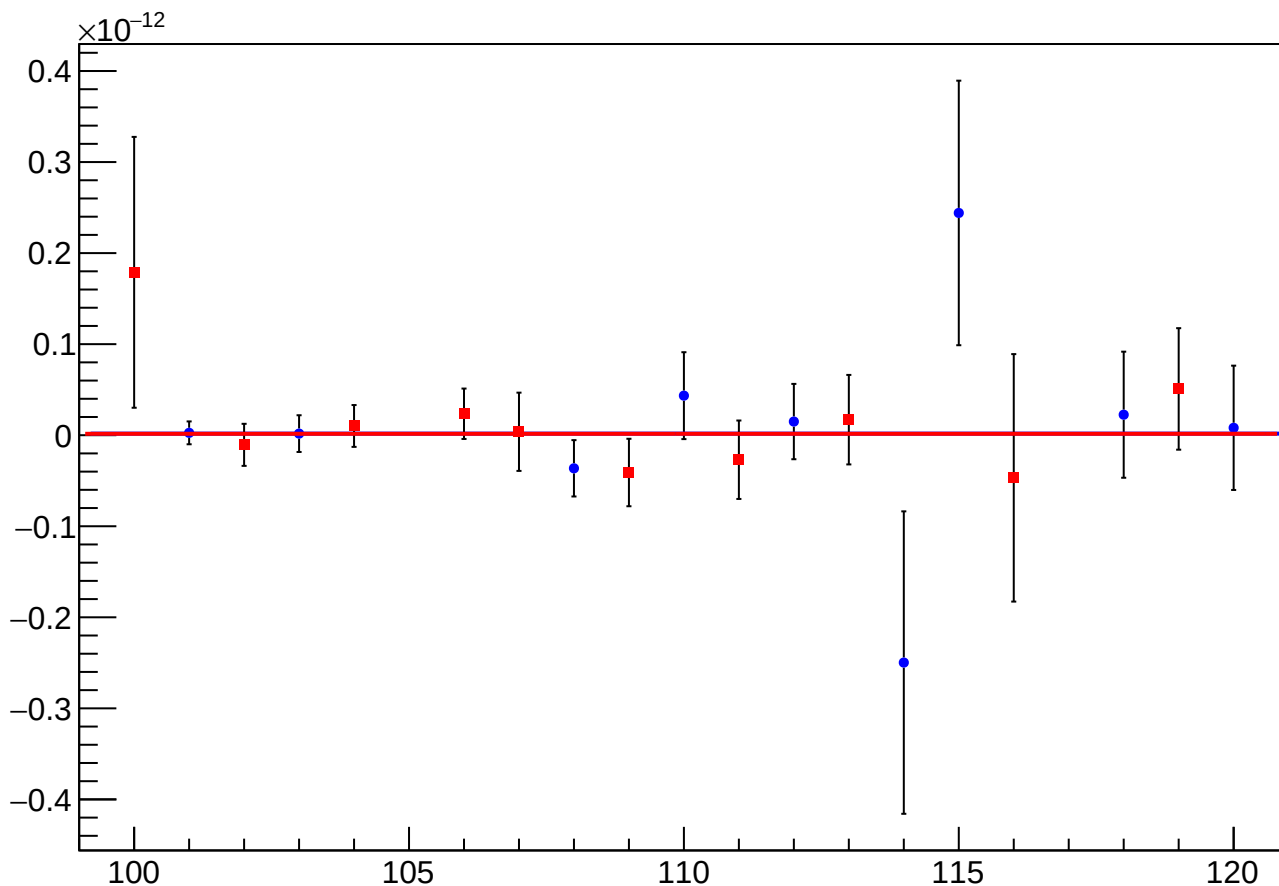
Right: 33.776+/-0.009 χ^2/NDF : 1740790.0/18

In: 36.865+/-0.015 χ^2/NDF : 842393.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.776+/-0.009 χ^2/NDF : 1740790.0/18

asym_sam6_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

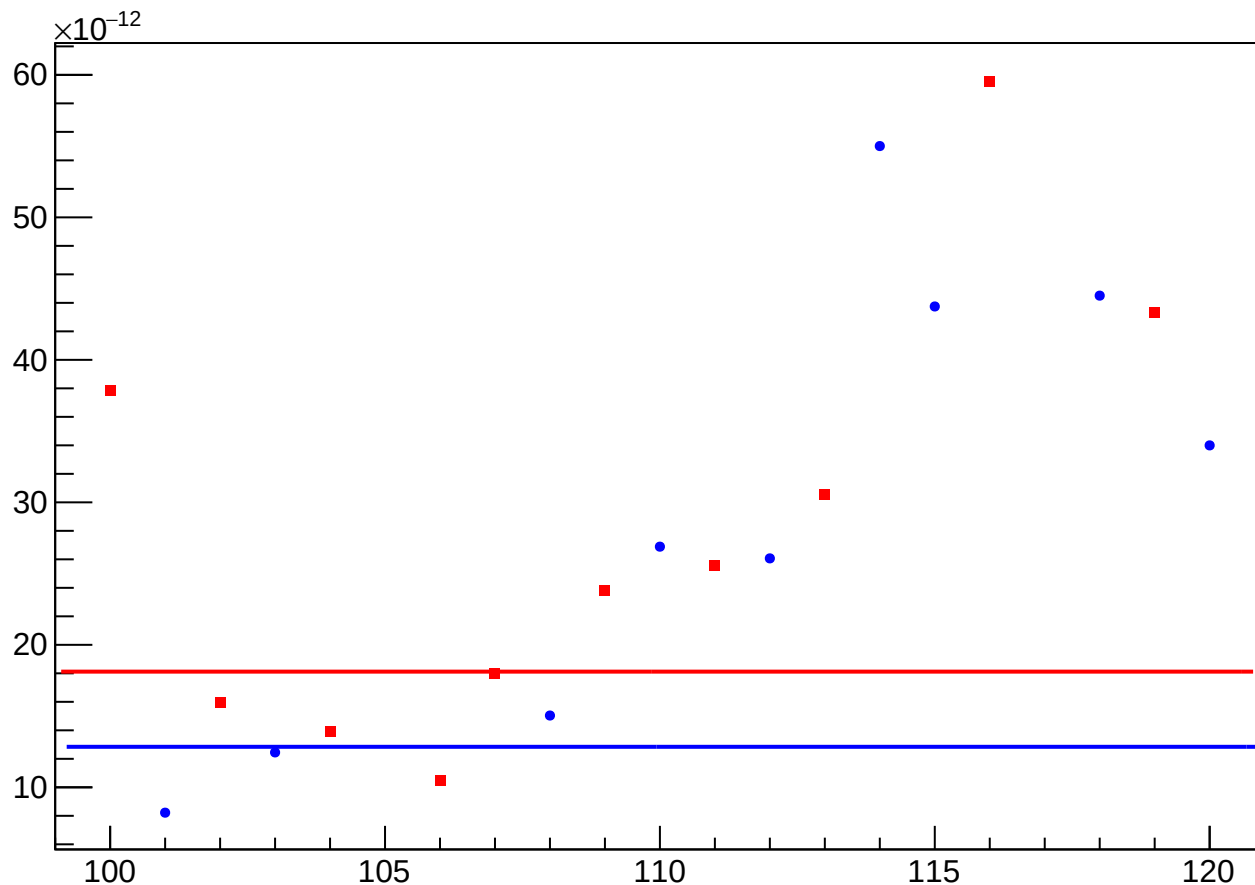
Right: 0.000+/-0.000 χ^2/NDF : 12.6/18

In: 0.000+/-0.000 χ^2/NDF : 7.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.6/18

asym_sam6_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1489609.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 978046.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

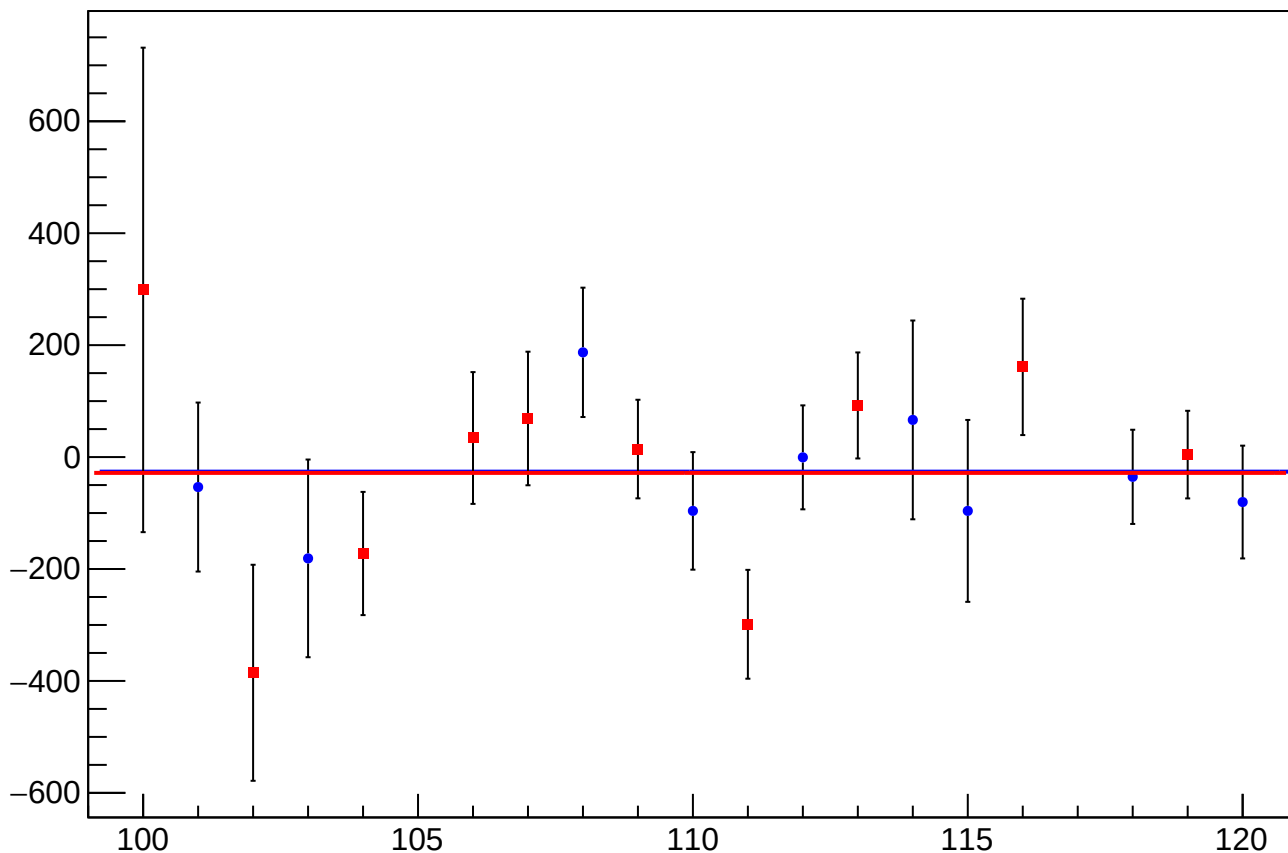
Right: 0.000+/-0.000 χ^2/NDF : 2721817.6/18

In: 0.000+/-0.000 χ^2/NDF : 1489609.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2721817.6/18

reg_asym_sam7_mean vs Slug, Sign Corrected



Right In: -26.037 $\pm$ 38.730 χ^2 /NDF: 5.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -28.257 $\pm$ 34.633 χ^2 /NDF: 18.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

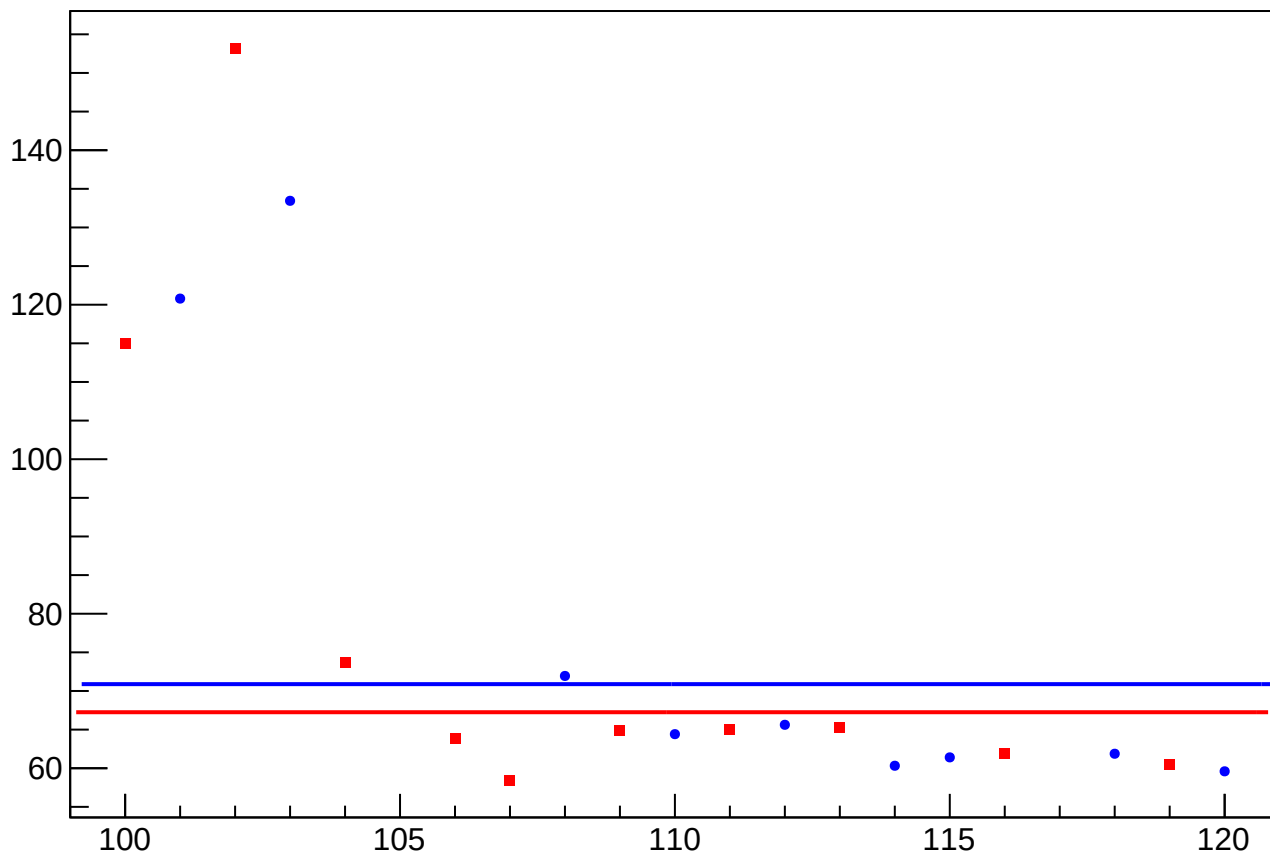
Right: -27.271 $\pm$ 25.817 χ^2 /NDF: 24.3/18

In: -26.037 $\pm$ 38.730 χ^2 /NDF:5.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -27.271 $\pm$ 25.817 χ^2 /NDF: 24.3/18

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 70.885+/-0.027 χ^2/NDF : 545528.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.251+/-0.024 χ^2/NDF : 461886.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

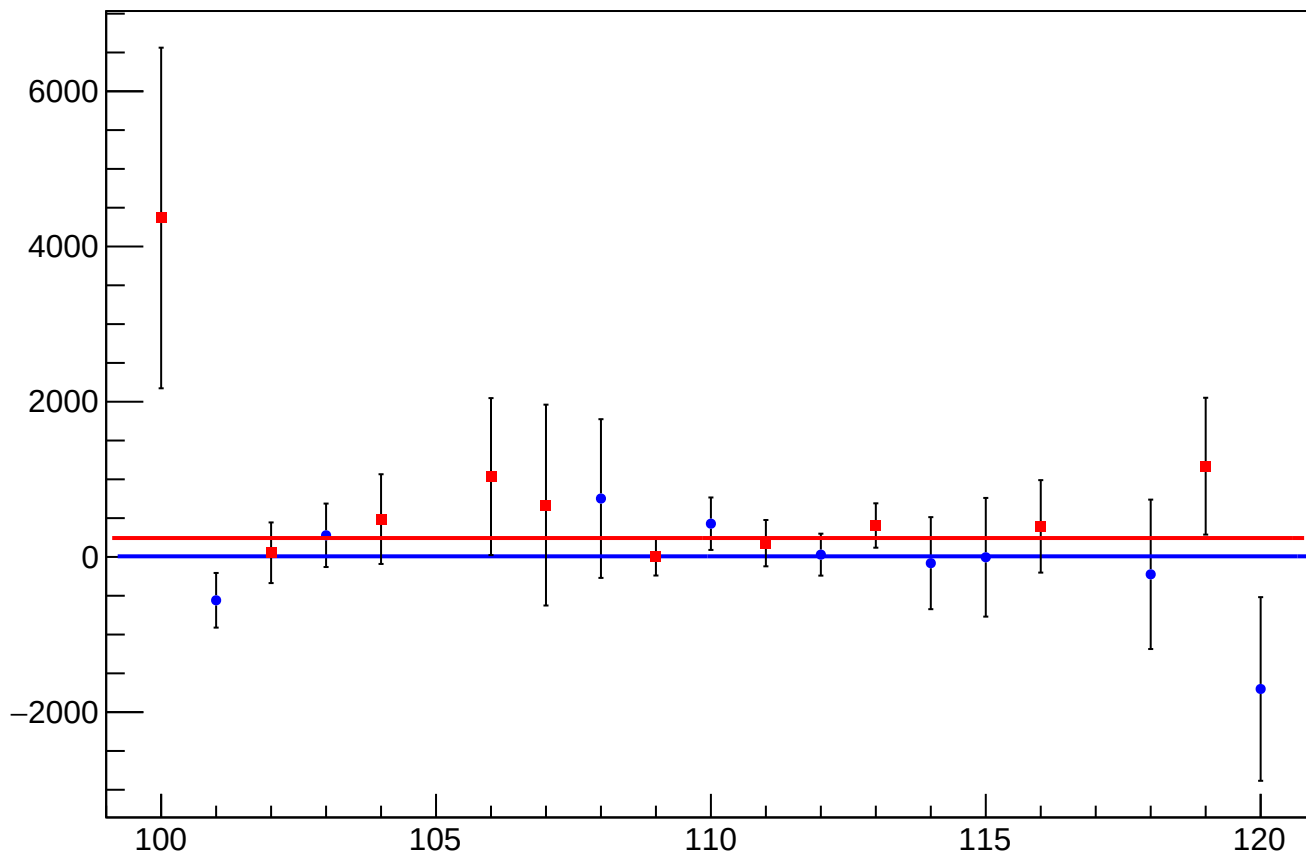
Right: 68.866+/-0.018 χ^2/NDF : 1017203.0/18

In: 70.885+/-0.027 χ^2/NDF : 545528.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.866+/-0.018 χ^2/NDF : 1017203.0/18

asym_sam7_reg_correction_mean vs Slug, Sign Corrected



Right In: 7.895+/-151.085 χ^2/NDF : 7.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 243.616+/-133.350 χ^2/NDF : 7.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

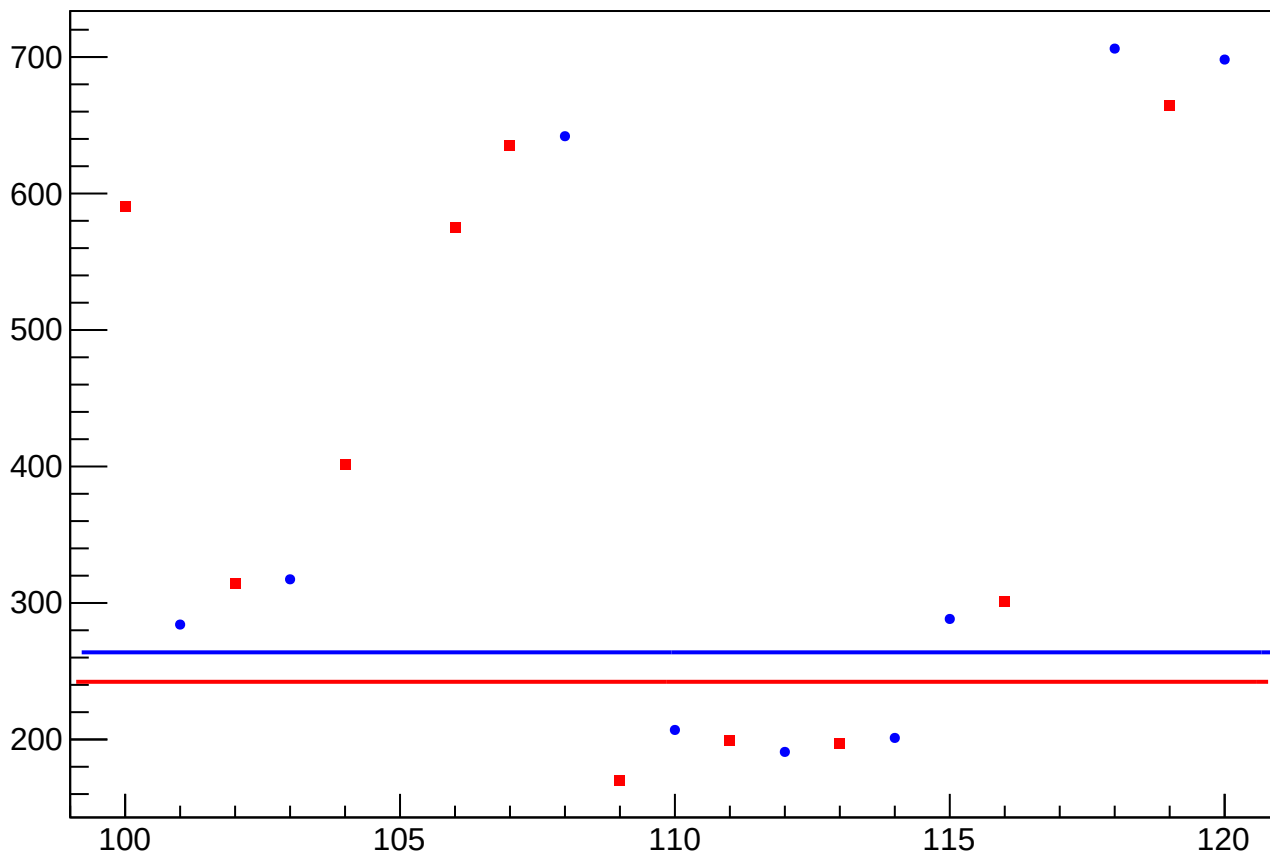
Right: 140.397+/-99.978 χ^2/NDF : 15.9/18

In: 7.895+/-151.085 χ^2/NDF : 7.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.397+/-99.978 χ^2/NDF : 15.9/18

asym_sam7_reg_correction_rms vs Slug, Sign Corrected



Right In: 263.837+/-0.107 χ^2/NDF : 1233111.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 242.255+/-0.094 χ^2/NDF : 1422882.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

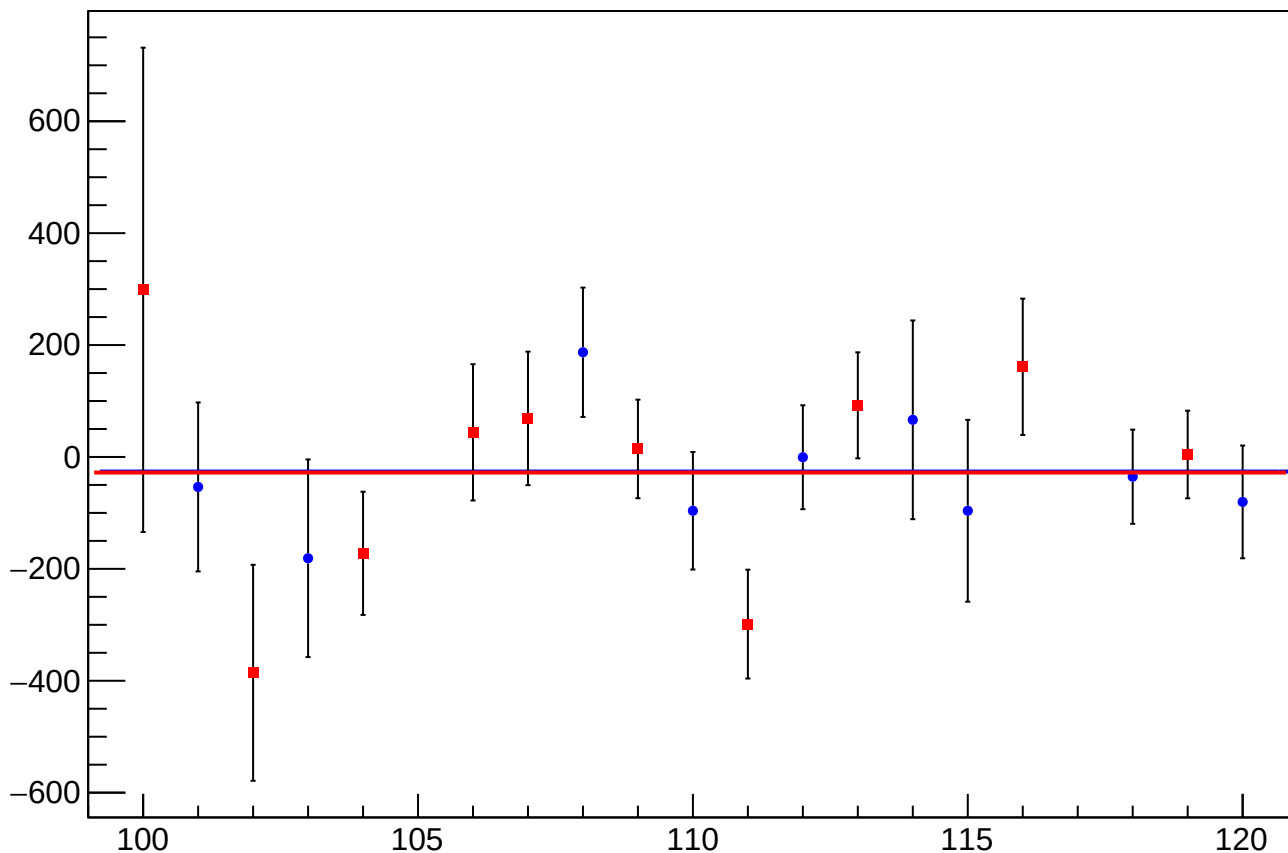
Right: 251.705+/-0.071 χ^2/NDF : 2678934.4/18

In: 263.837+/-0.107 χ^2/NDF : 1233111.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 251.705+/-0.071 χ^2/NDF : 2678934.4/18

cor_asym_sam7_mean vs Slug, Sign Corrected



Right In: -26.041 $\pm$ 38.730 χ^2 /NDF: 5.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -27.810 $\pm$ 34.732 χ^2 /NDF: 18.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

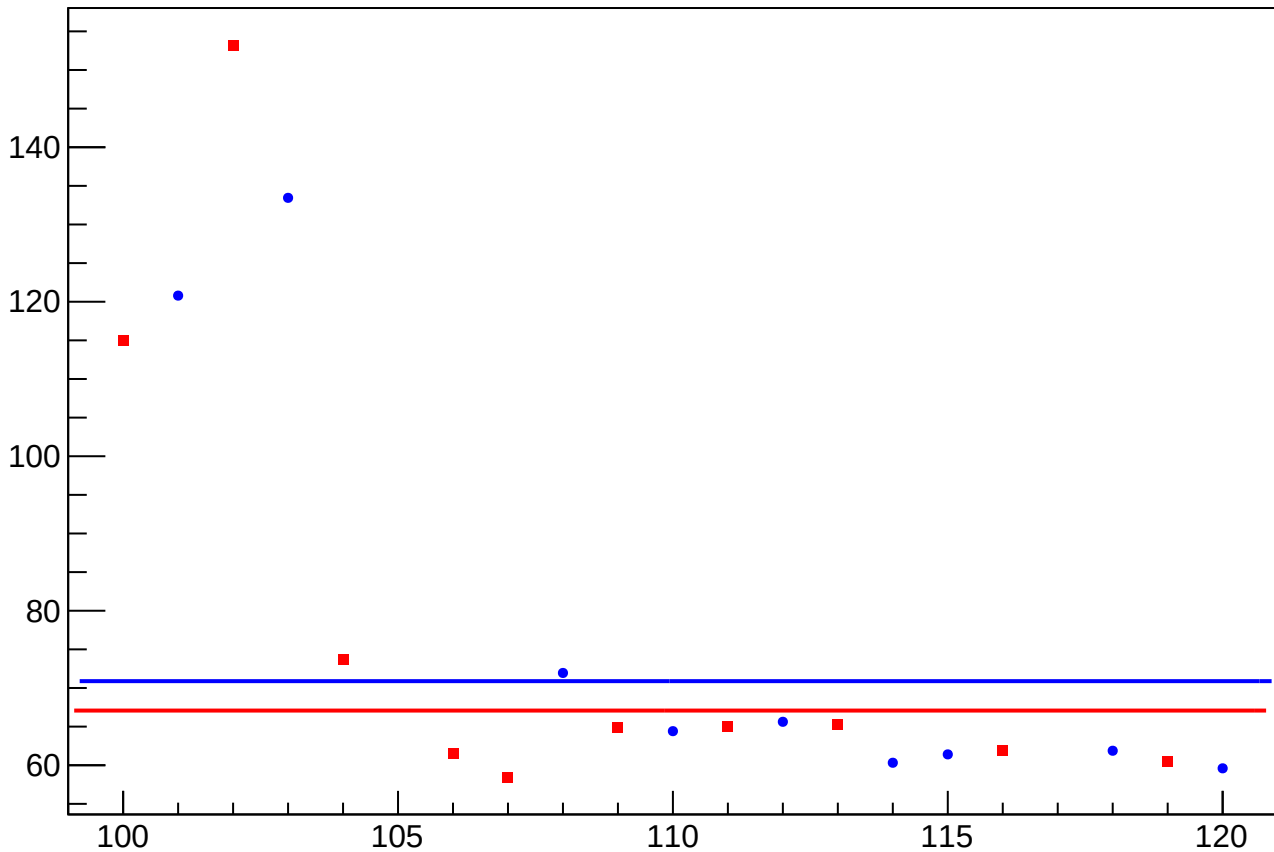
Right: -27.022 $\pm$ 25.857 χ^2 /NDF: 24.4/18

In: -26.041 $\pm$ 38.730 χ^2 /NDF:5.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -27.022 $\pm$ 25.857 χ^2 /NDF: 24.4/18

cor_asym_sam7_rms vs Slug, Sign Corrected



Right In: 70.885+/-0.027 χ^2/NDF : 545528.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.078+/-0.025 χ^2/NDF : 464630.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

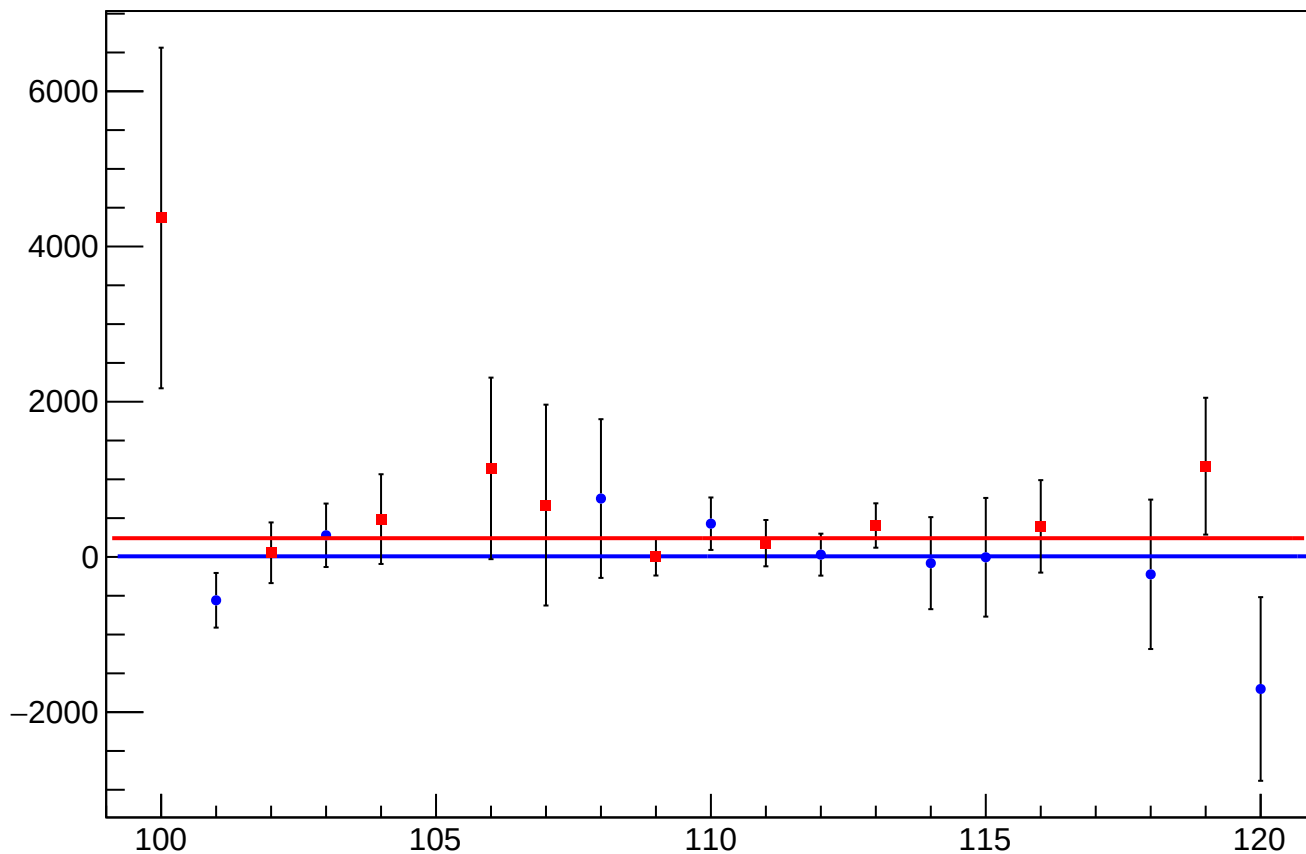
Right: 68.775+/-0.018 χ^2/NDF : 1020873.6/18

In: 70.885+/-0.027 χ^2/NDF : 545528.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.775+/-0.018 χ^2/NDF : 1020873.6/18

asym_sam7_cor_correction_mean vs Slug, Sign Corrected



Right In: 7.901+/-151.087 χ^2/NDF : 7.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 241.521+/-133.650 χ^2/NDF : 7.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

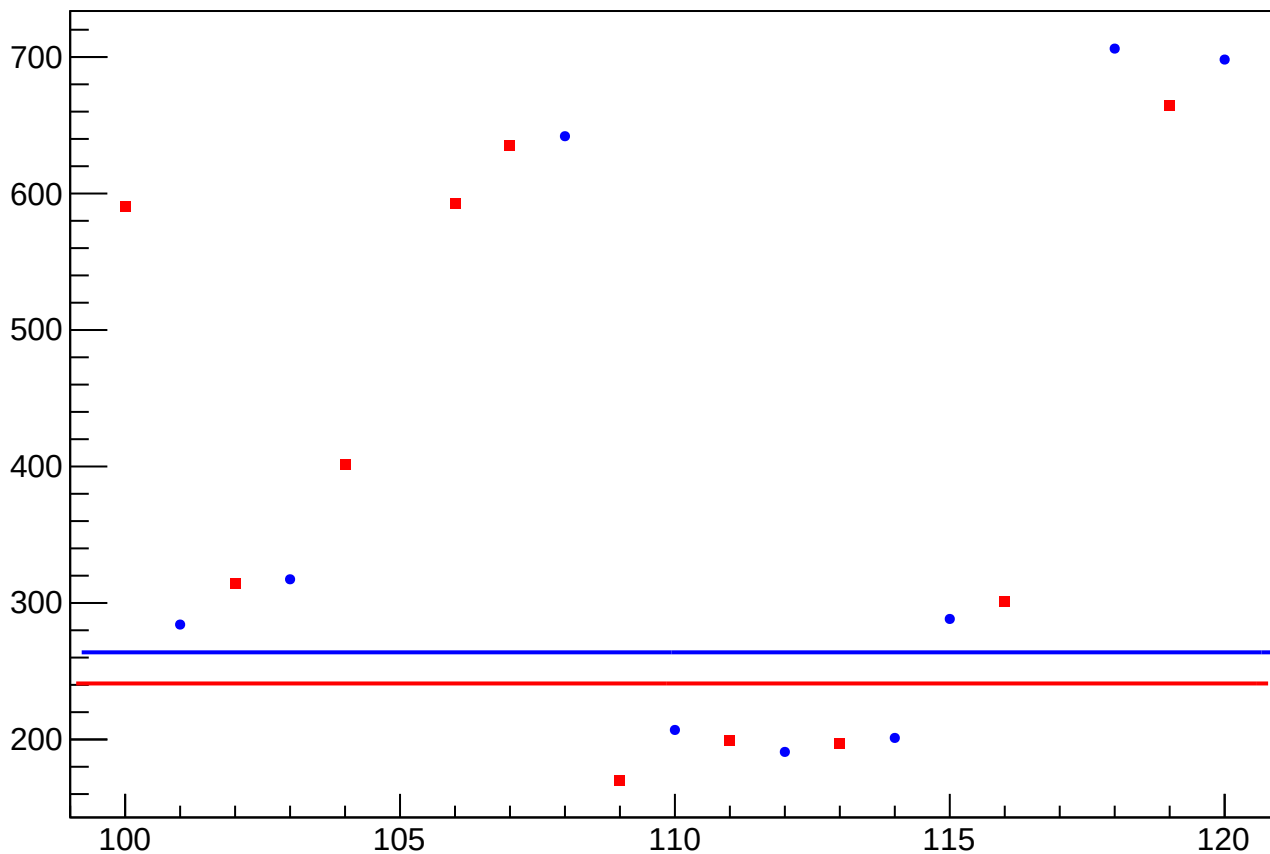
Right: 138.964+/-100.105 χ^2/NDF : 15.8/18

In: 7.901+/-151.087 χ^2/NDF : 7.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.964+/-100.105 χ^2/NDF : 15.8/18

asym_sam7_cor_correction_rms vs Slug, Sign Corrected



Right In: 263.839+/-0.107 χ^2/NDF : 1233134.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 241.031+/-0.095 χ^2/NDF : 1386164.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

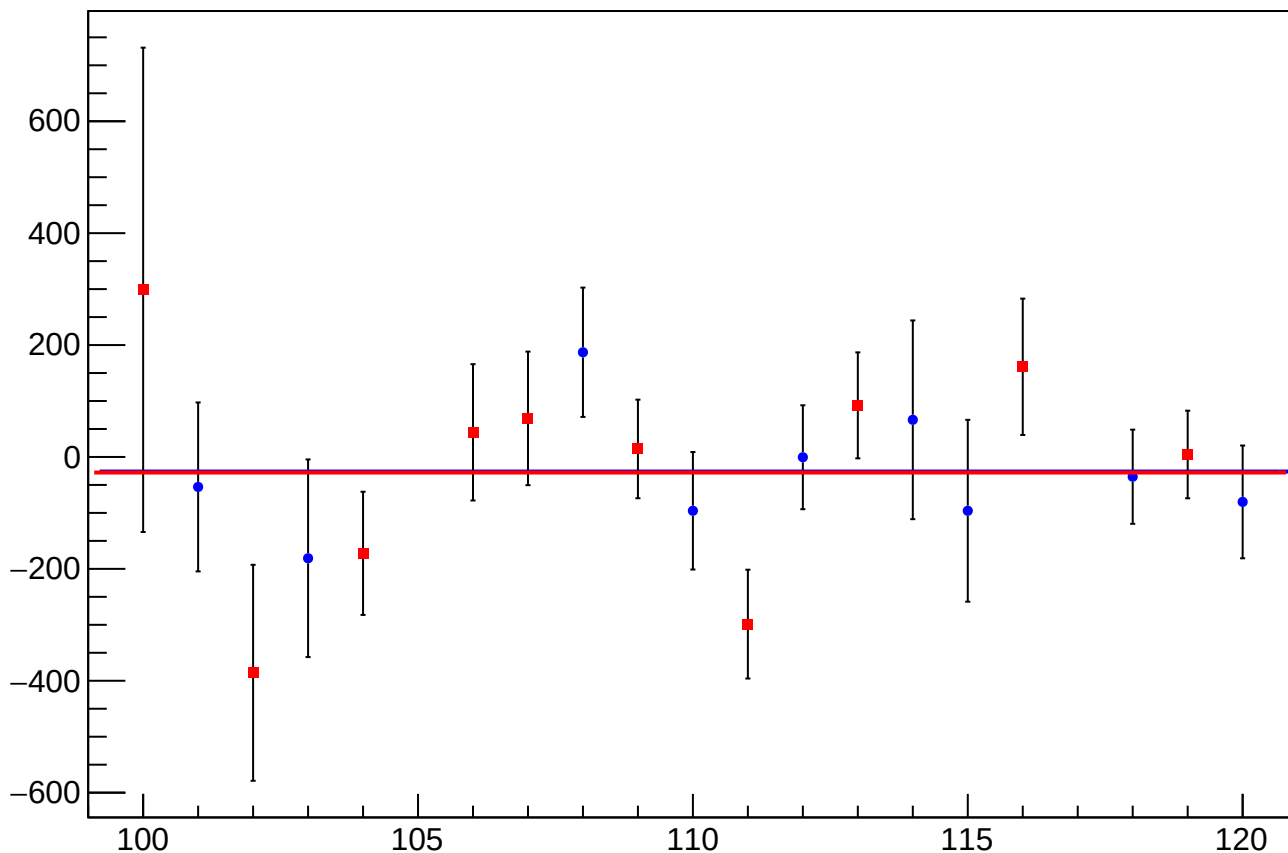
Right: 251.044+/-0.071 χ^2/NDF : 2644867.3/18

In: 263.839+/-0.107 χ^2/NDF : 1233134.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 251.044+/-0.071 χ^2/NDF : 2644867.3/18

eigen_cor_asym_sam7_mean vs Slug, Sign Corrected



Right In: -26.041+/-38.730 χ^2/NDF : 5.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -27.810+/-34.732 χ^2/NDF : 18.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

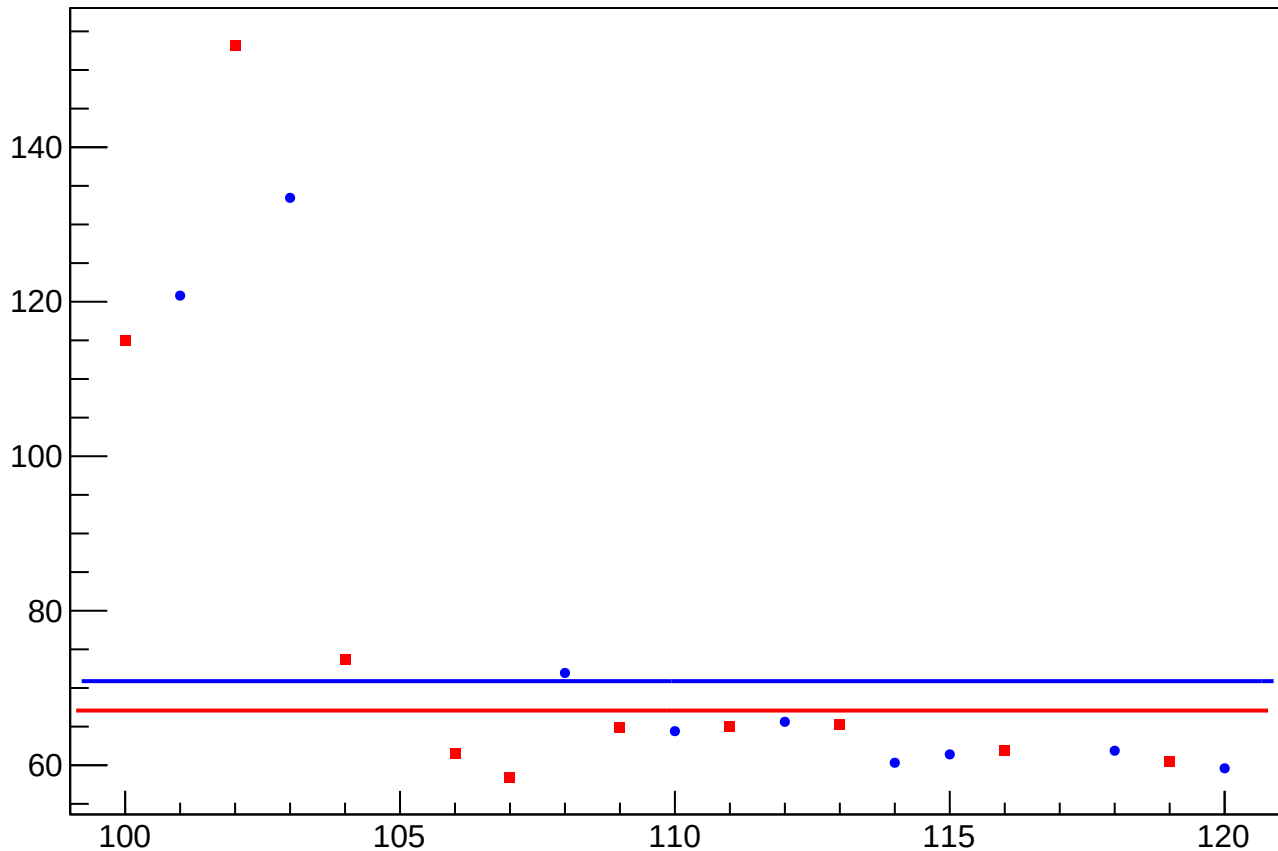
Right: -27.022+/-25.857 χ^2/NDF : 24.4/18

In: -26.041+/-38.730 χ^2/NDF : 5.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.022+/-25.857 χ^2/NDF : 24.4/18

eigen_cor_asym_sam7_rms vs Slug, Sign Corrected



Right In: 70.885+/-0.027 χ^2/NDF : 545528.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.078+/-0.025 χ^2/NDF : 464630.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

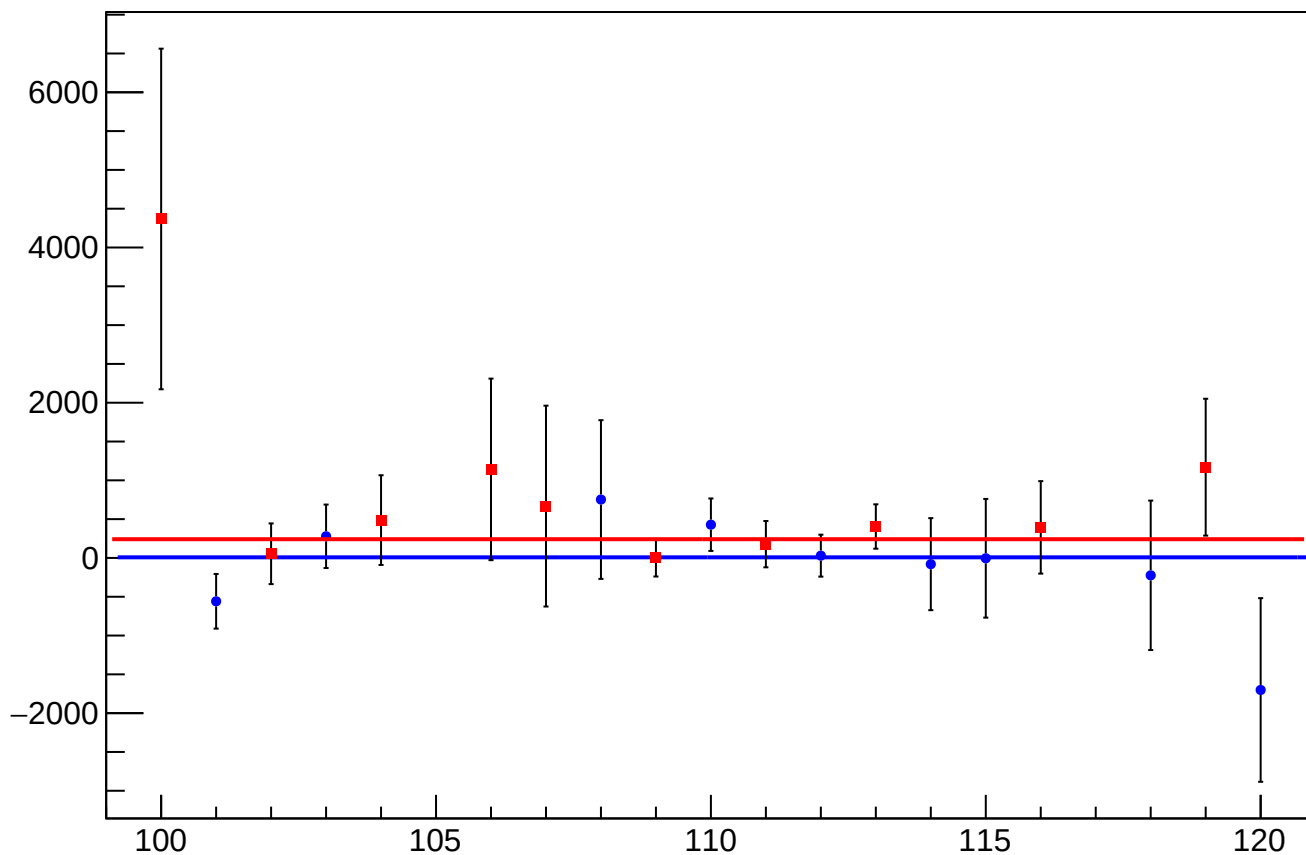
Right: 68.775+/-0.018 χ^2/NDF : 1020873.6/18

In: 70.885+/-0.027 χ^2/NDF : 545528.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.775+/-0.018 χ^2/NDF : 1020873.6/18

asym_sam7_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 7.901+/-151.087 χ^2/NDF : 7.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 241.521+/-133.650 χ^2/NDF : 7.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

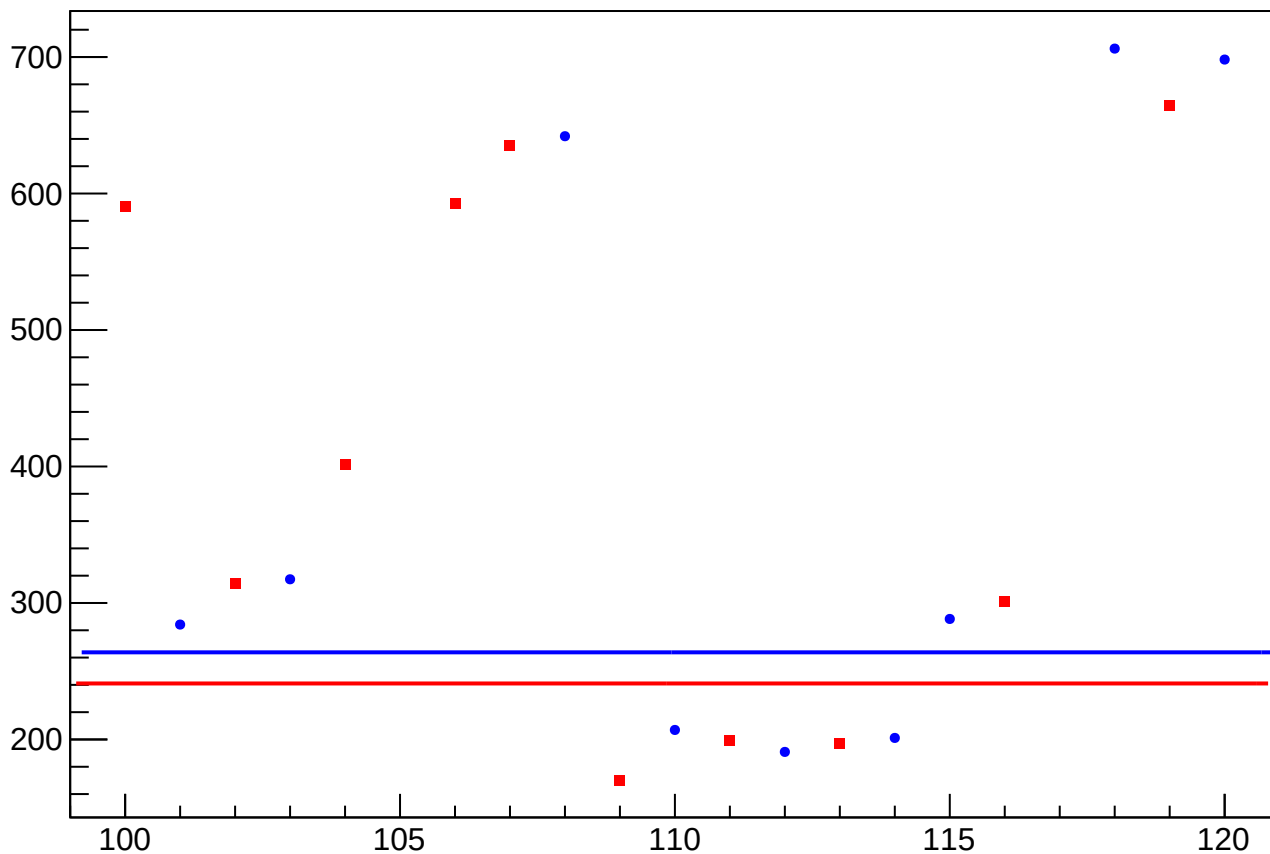
Right: 138.964+/-100.105 χ^2/NDF : 15.8/18

In: 7.901+/-151.087 χ^2/NDF : 7.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.964+/-100.105 χ^2/NDF : 15.8/18

asym_sam7_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 263.839+/-0.107 χ^2/NDF : 1233134.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 241.031+/-0.095 χ^2/NDF : 1386164.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

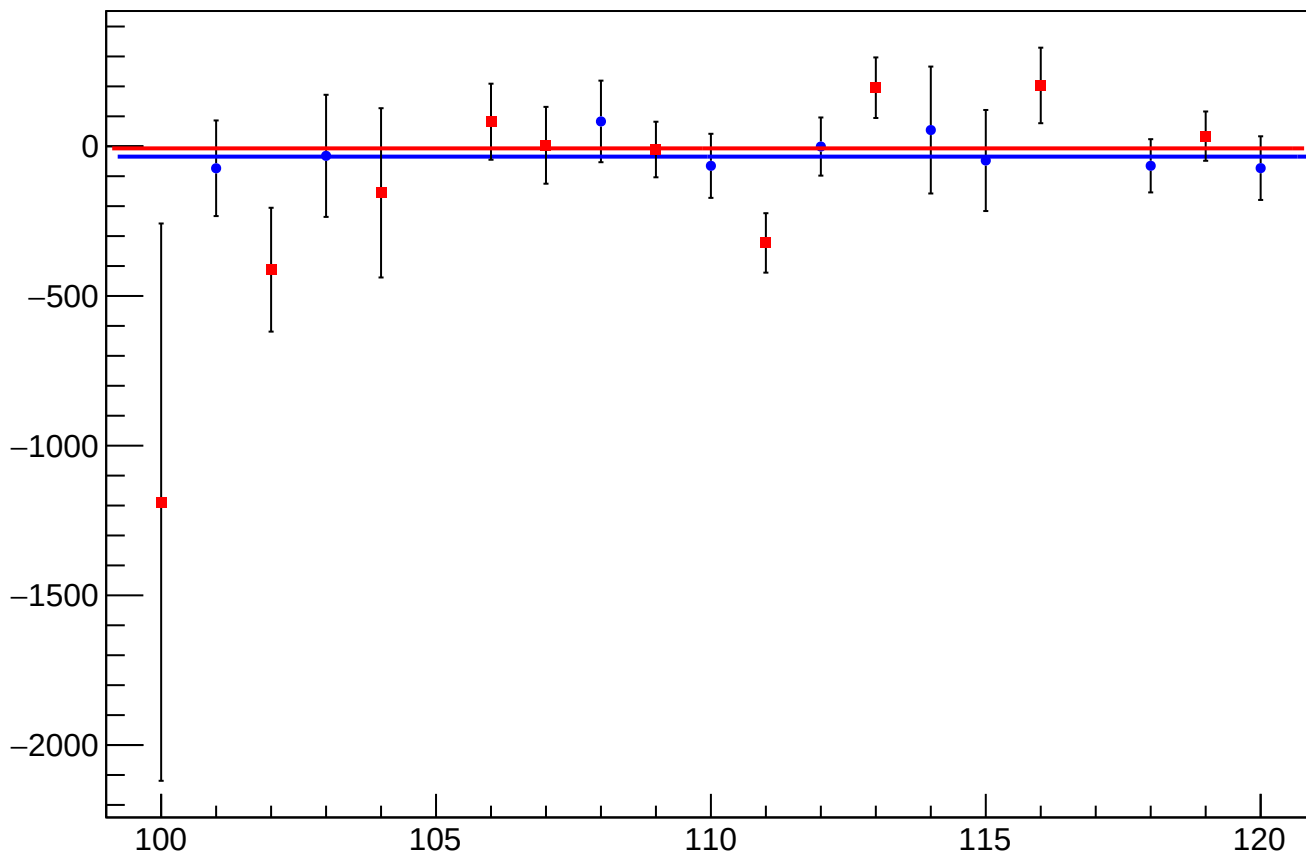
Right: 251.044+/-0.071 χ^2/NDF : 2644867.3/18

In: 263.839+/-0.107 χ^2/NDF : 1233134.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 251.044+/-0.071 χ^2/NDF : 2644867.3/18

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -34.569+/-41.420 χ^2/NDF : 1.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.001+/-38.198 χ^2/NDF : 23.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

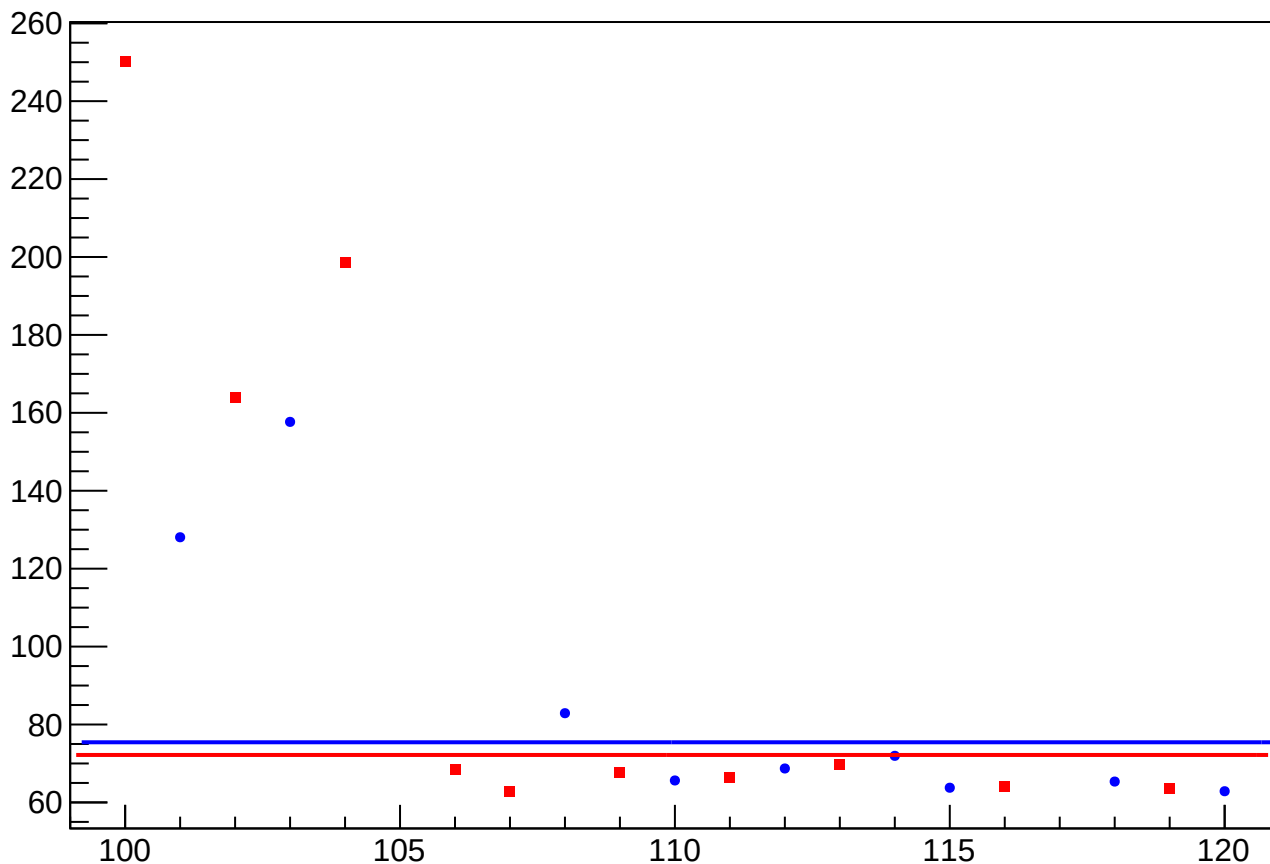
Right: -19.671+/-28.080 χ^2/NDF : 25.1/18

In: -34.569+/-41.420 χ^2/NDF : 1.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.671+/-28.080 χ^2/NDF : 25.1/18

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 75.438+/-0.029 χ^2/NDF : 638545.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.183+/-0.027 χ^2/NDF : 921922.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

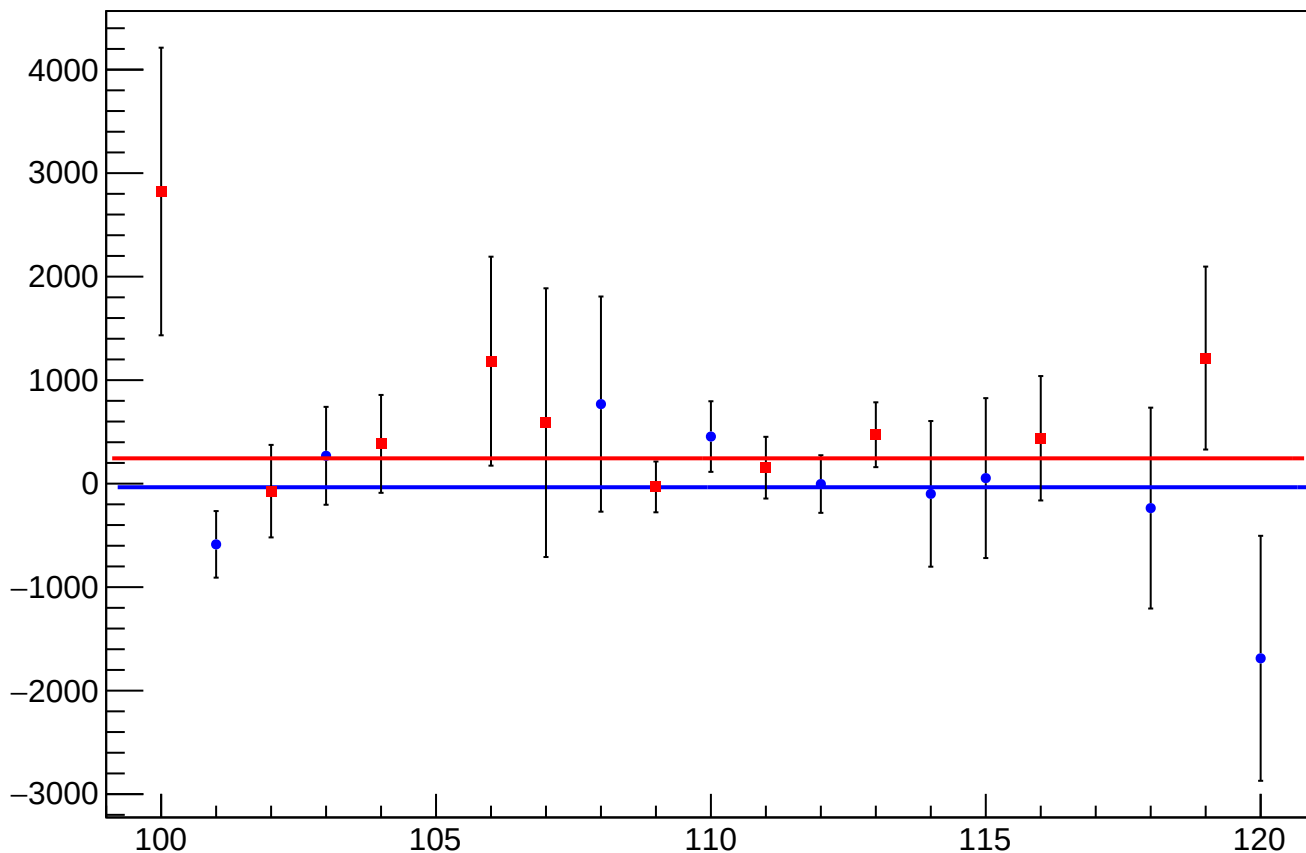
Right: 73.679+/-0.020 χ^2/NDF : 1567139.6/18

In: 75.438+/-0.029 χ^2/NDF : 638545.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.679+/-0.020 χ^2/NDF : 1567139.6/18

asym_sam7_dit_correction_mean vs Slug, Sign Corrected



Right In: -34.787 $\pm$ 154.223 χ^2 /NDF: 8.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 244.538 $\pm$ 136.510 χ^2 /NDF: 8.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

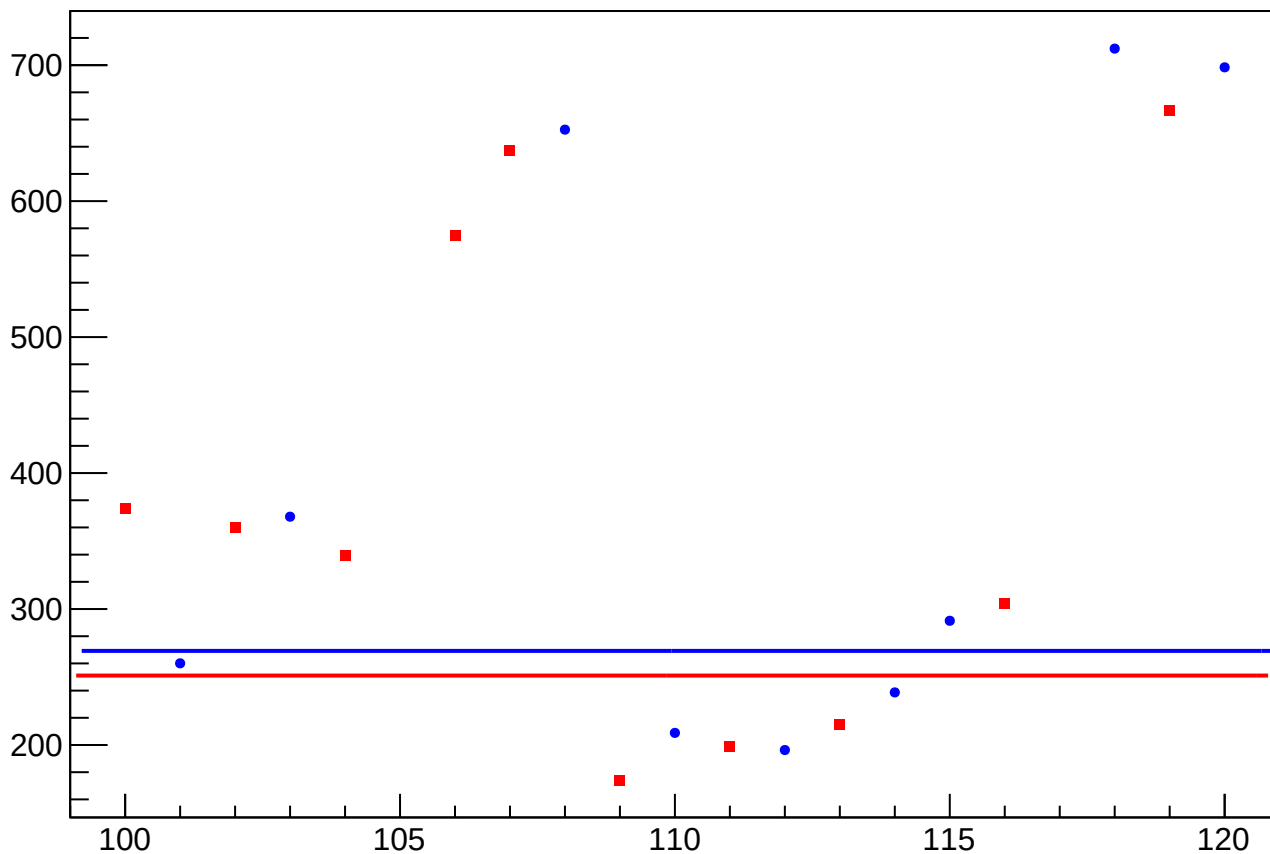
Right: 121.830 $\pm$ 102.219 χ^2 /NDF: 18.0/18

In: -34.787 $\pm$ 154.223 χ^2 /NDF:8.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 121.830 $\pm$ 102.219 χ^2 /NDF: 18.0/18

asym_sam7_dit_correction_rms vs Slug, Sign Corrected



Right In: 269.212+/-0.109 χ^2/NDF : 1245697.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 251.073+/-0.097 χ^2/NDF : 1329125.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

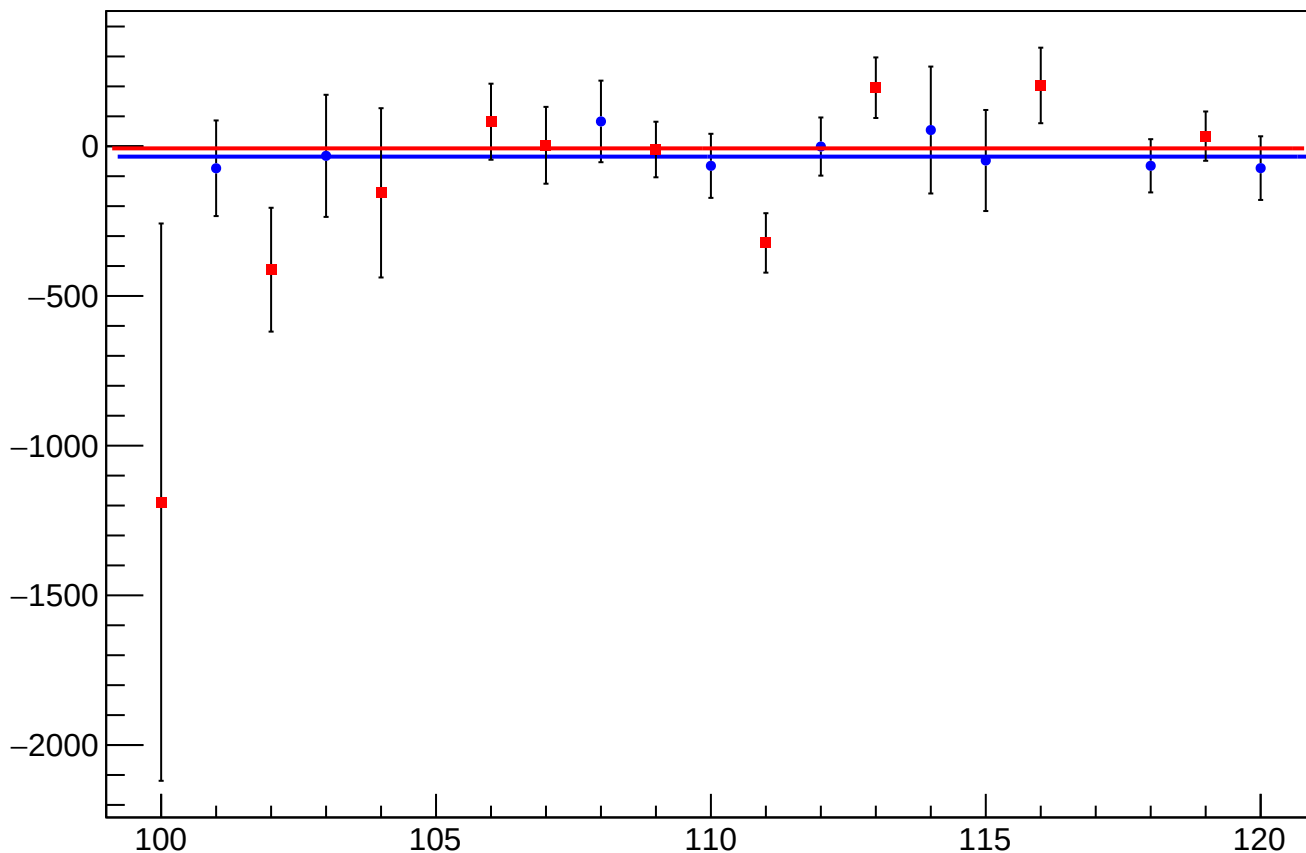
Right: 259.042+/-0.072 χ^2/NDF : 2590335.2/18

In: 269.212+/-0.109 χ^2/NDF :1245697.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 259.042+/-0.072 χ^2/NDF : 2590335.2/18

eigen_dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -34.568+/-41.420 χ^2/NDF : 1.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.003+/-38.198 χ^2/NDF : 23.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

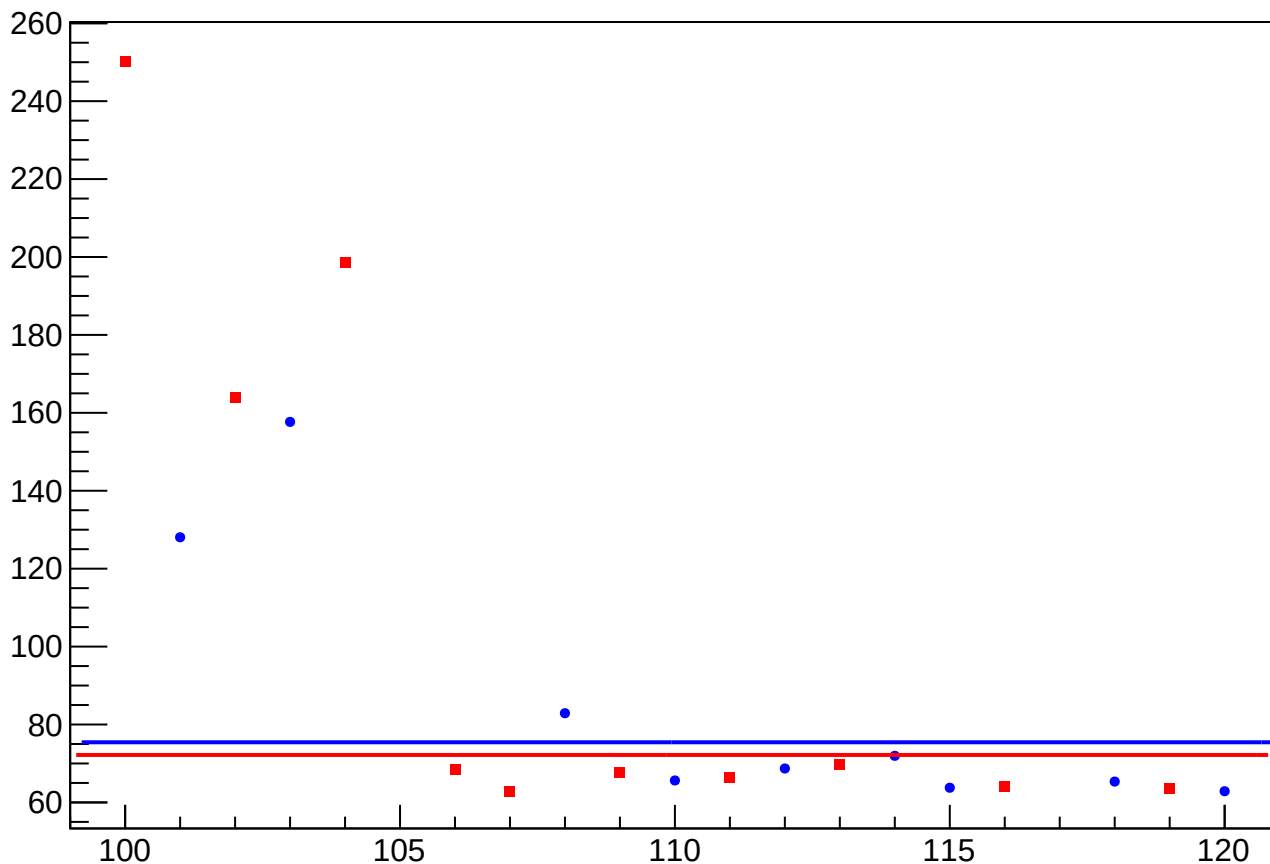
Right: -19.672+/-28.080 χ^2/NDF : 25.1/18

In: -34.568+/-41.420 χ^2/NDF : 1.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.672+/-28.080 χ^2/NDF : 25.1/18

eigen_dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 75.437+/-0.029 χ^2/NDF : 638547.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.183+/-0.027 χ^2/NDF : 921922.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

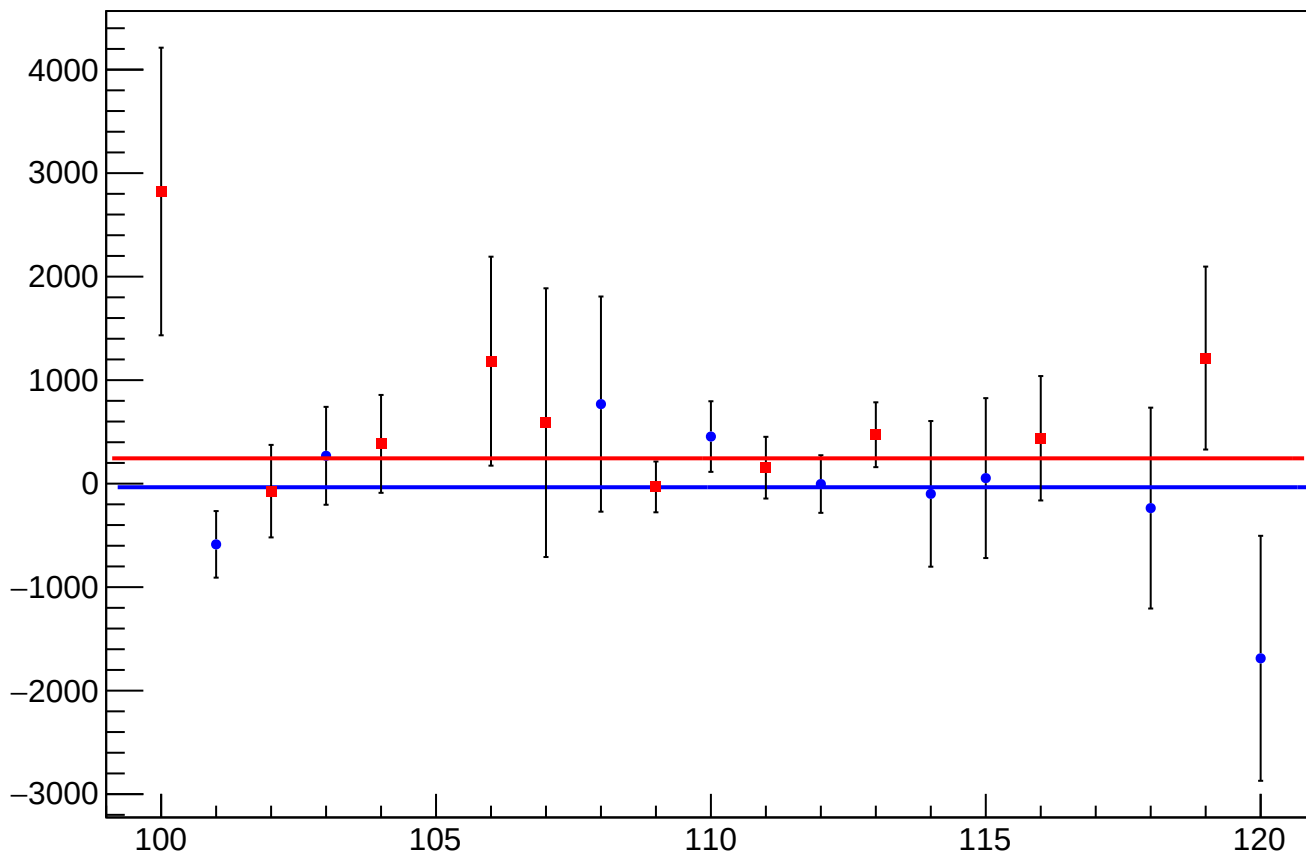
Right: 73.679+/-0.020 χ^2/NDF : 1567141.8/18

In: 75.437+/-0.029 χ^2/NDF : 638547.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.679+/-0.020 χ^2/NDF : 1567141.8/18

asym_sam7_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -34.787 $\pm$ 154.222 χ^2 /NDF: 8.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 244.536 $\pm$ 136.510 χ^2 /NDF: 8.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

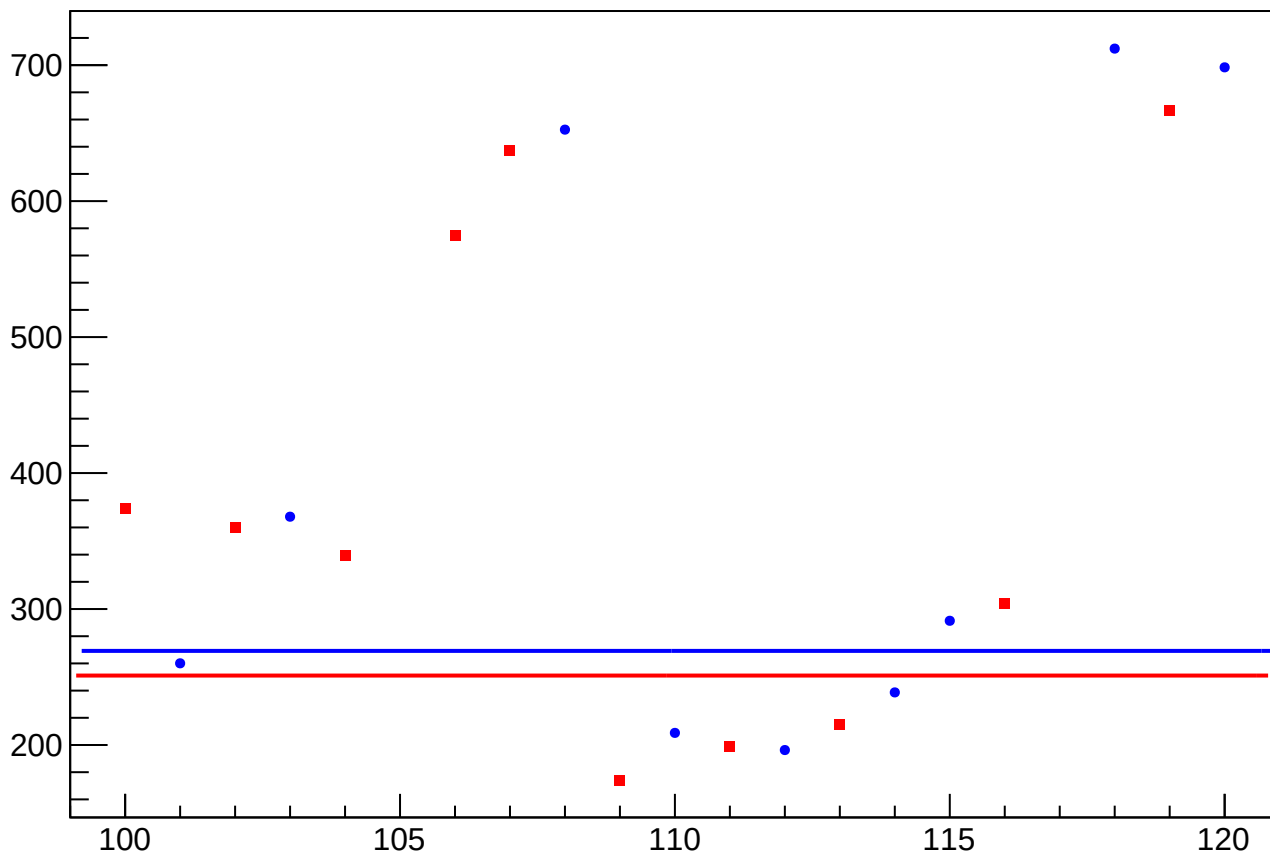
Right: 121.829 $\pm$ 102.218 χ^2 /NDF: 18.0/18

In: -34.787 $\pm$ 154.222 χ^2 /NDF:8.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 121.829 $\pm$ 102.218 χ^2 /NDF: 18.0/18

asym_sam7_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 269.210+/-0.109 χ^2/NDF : 1245713.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 251.072+/-0.097 χ^2/NDF : 1329129.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

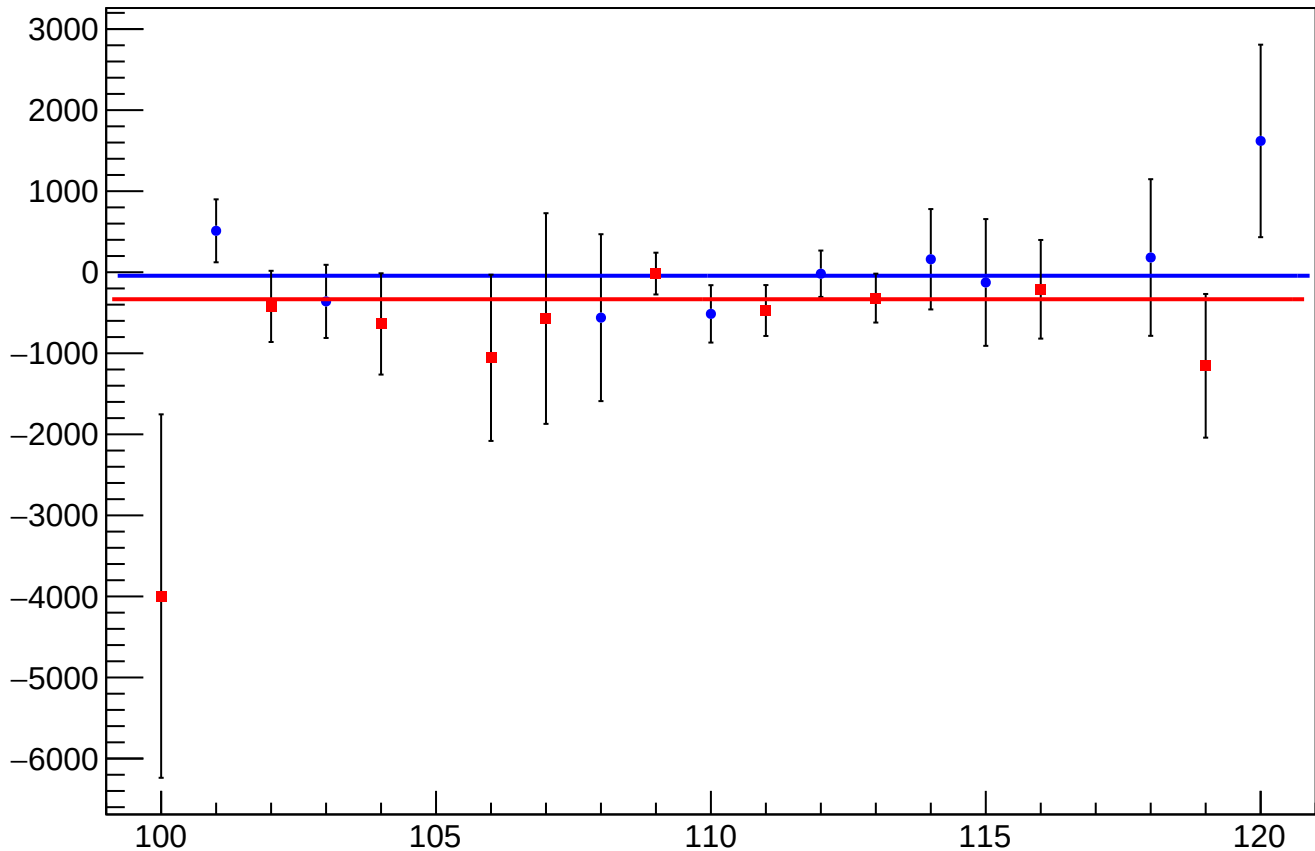
Right: 259.040+/-0.072 χ^2/NDF : 2590354.2/18

In: 269.210+/-0.109 χ^2/NDF :1245713.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 259.040+/-0.072 χ^2/NDF : 2590354.2/18

asym_sam7_mean vs Slug, Sign Corrected



Right In: -43.358+/-160.734 χ^2/NDF : 6.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -333.183+/-141.913 χ^2/NDF : 6.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

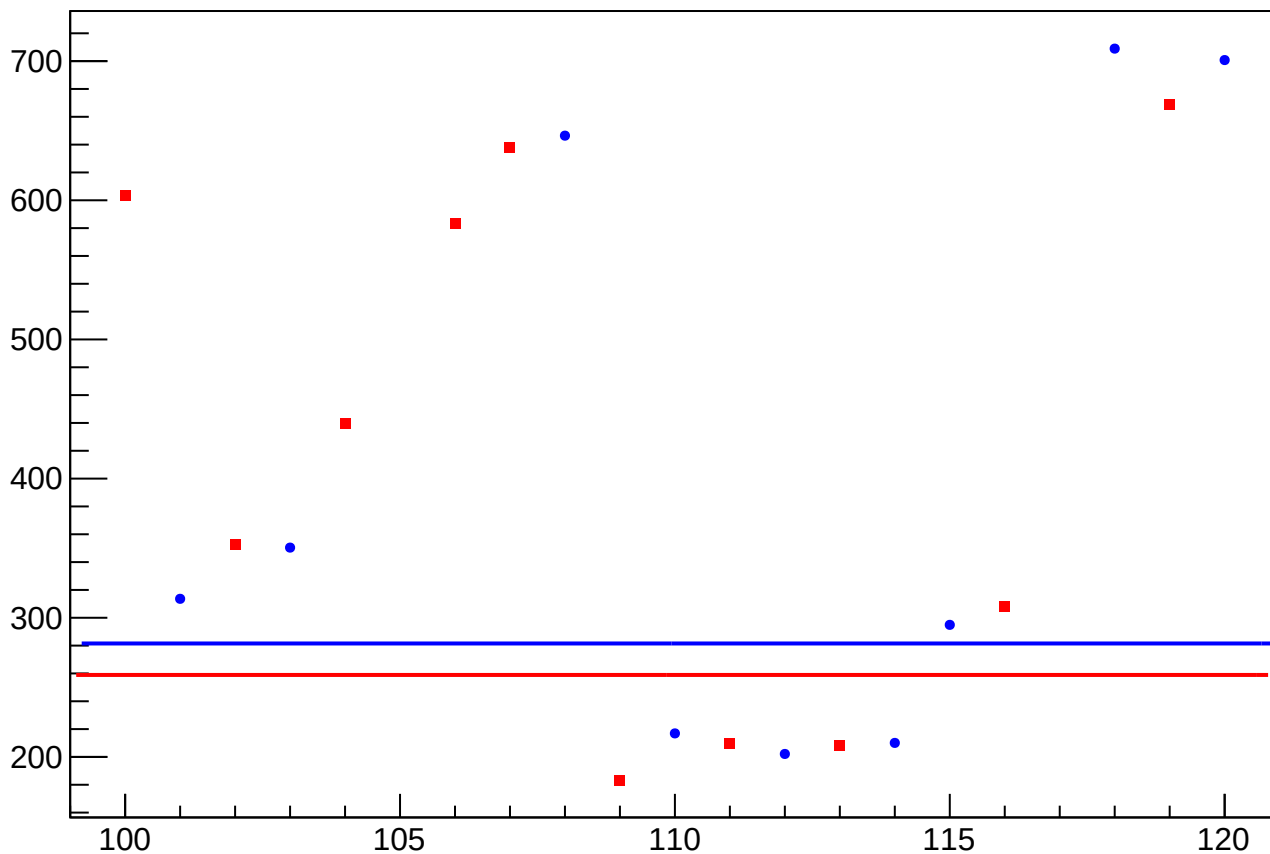
Right: -206.225+/-106.382 χ^2/NDF : 14.6/18

In: -43.358+/-160.734 χ^2/NDF : 6.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -206.225+/-106.382 χ^2/NDF : 14.6/18

asym_sam7_rms vs Slug, Sign Corrected



Right In: 281.525+/-0.114 χ^2/NDF : 1199927.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 258.911+/-0.100 χ^2/NDF : 1395010.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

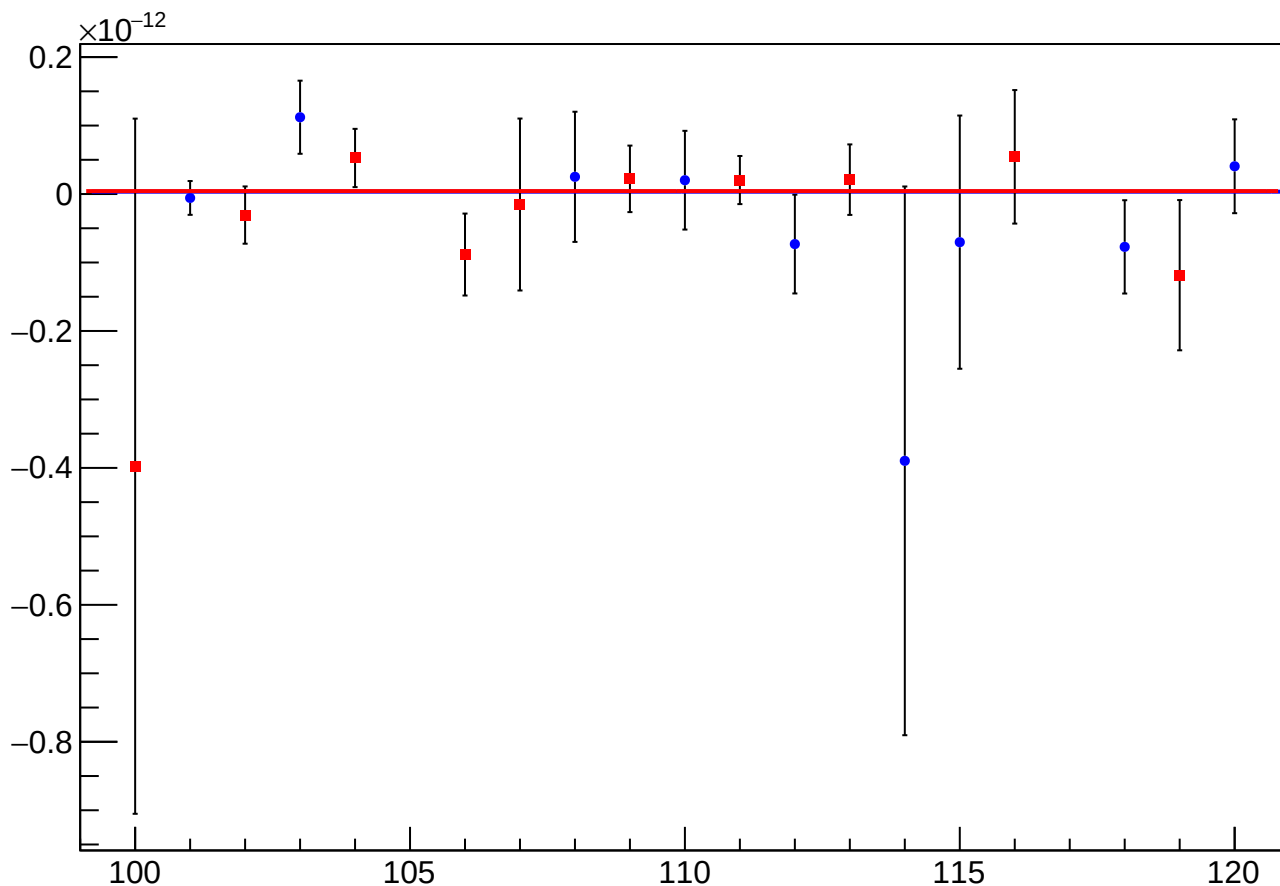
Right: 268.817+/-0.075 χ^2/NDF : 2617183.6/18

In: 281.525+/-0.114 χ^2/NDF : 1199927.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 268.817+/-0.075 χ^2/NDF : 2617183.6/18

asym_sam7_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

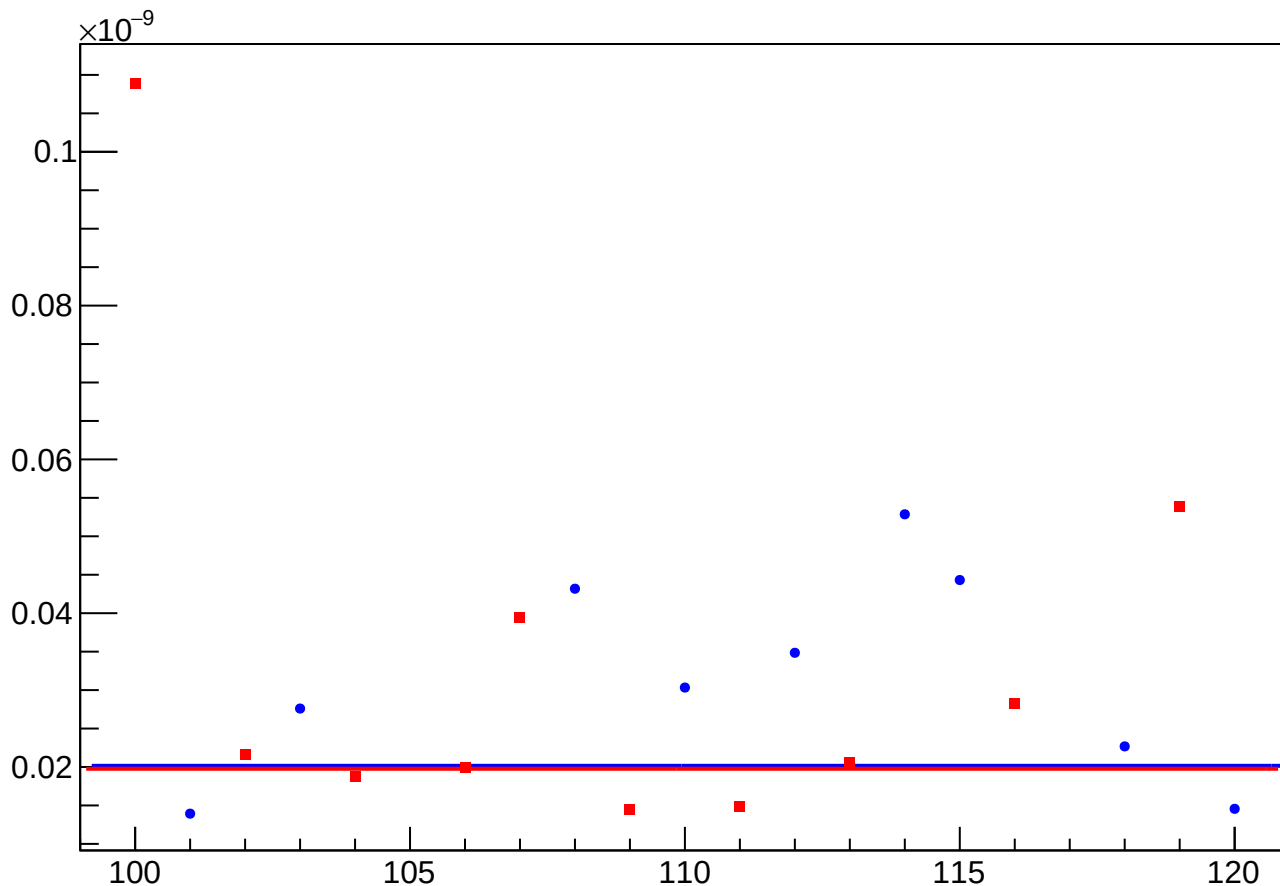
Right: 0.000+/-0.000 χ^2/NDF : 15.3/18

In: 0.000+/-0.000 χ^2/NDF : 8.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.3/18

asym_sam7_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 469763.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 386675.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

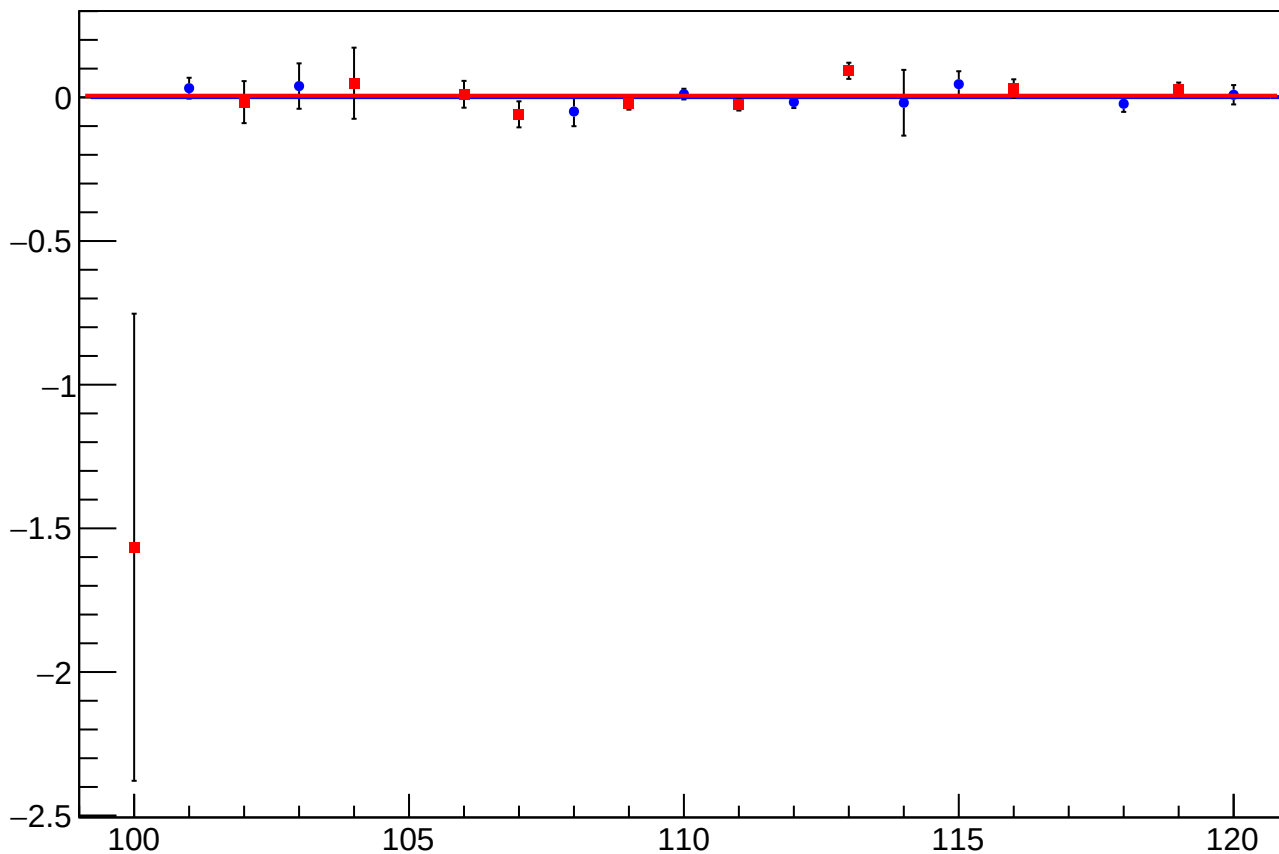
Right: 0.000+/-0.000 χ^2/NDF : 856900.3/18

In: 0.000+/-0.000 χ^2/NDF : 469763.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 856900.3/18

asym_sam7_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.010 χ^2/NDF : 4.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.010 χ^2/NDF : 20.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

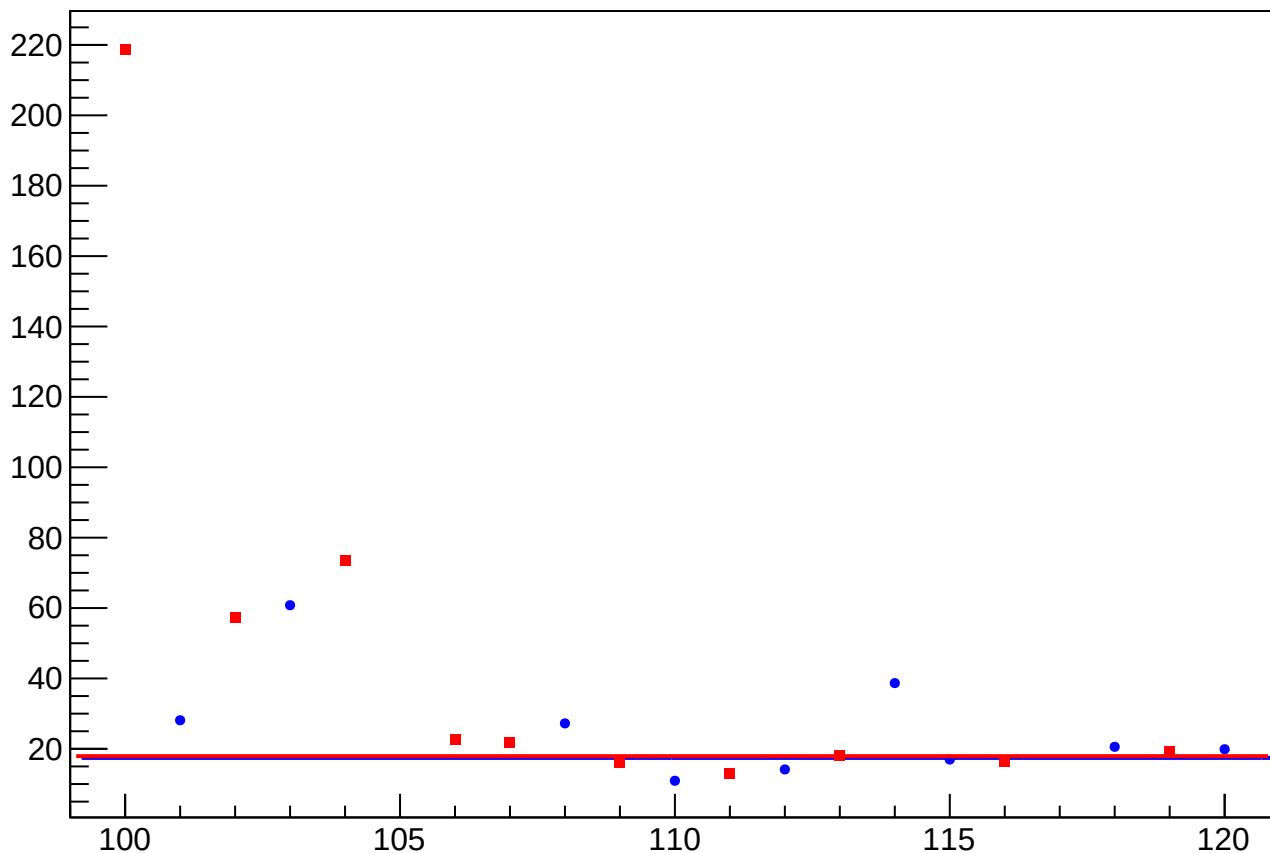
Right: 0.003+/-0.007 χ^2/NDF : 25.5/18

In: 0.001+/-0.010 χ^2/NDF : 4.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.007 χ^2/NDF : 25.5/18

asym_sam7_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.427+/-0.007 χ^2/NDF : 1248708.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 17.921+/-0.007 χ^2/NDF : 1293048.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

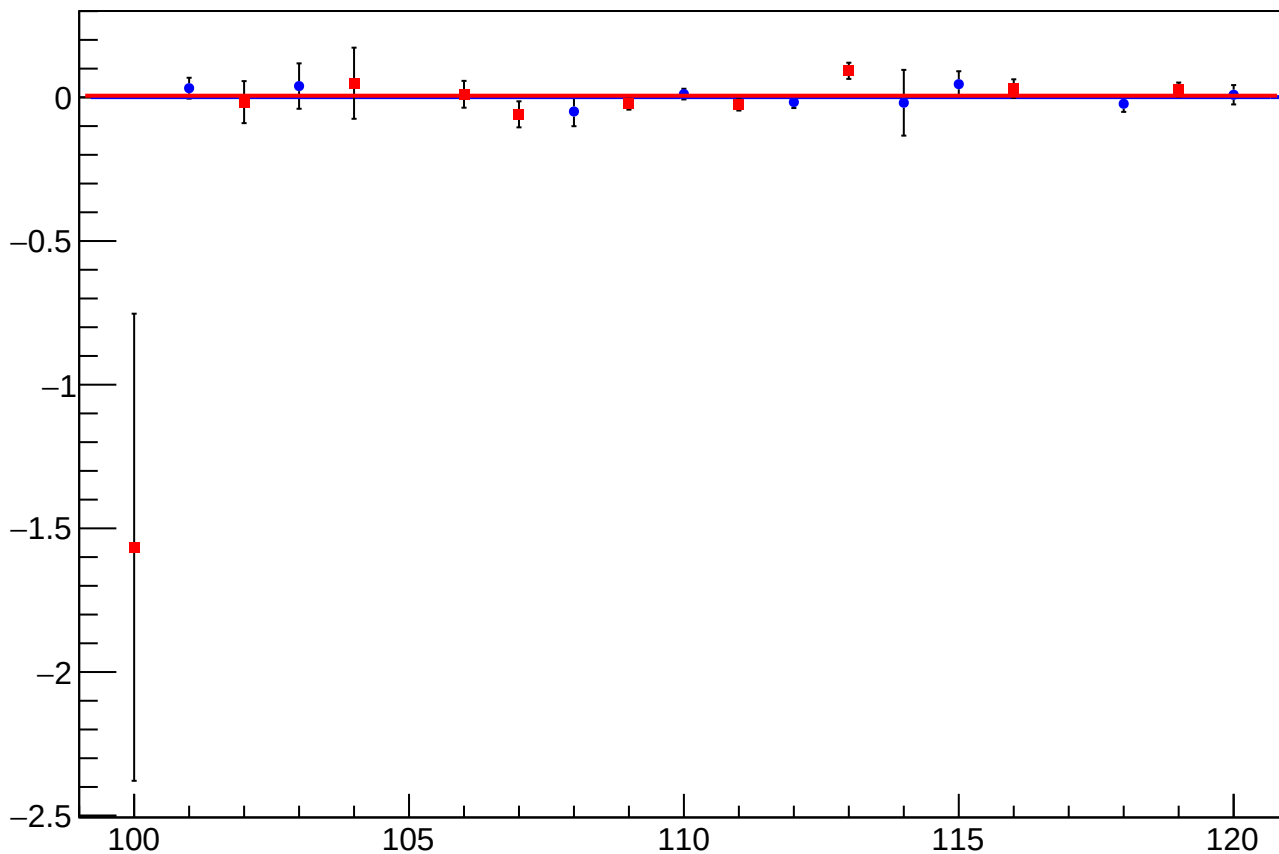
Right: 17.678+/-0.005 χ^2/NDF : 2544044.6/18

In: 17.427+/-0.007 χ^2/NDF :1248708.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 17.678+/-0.005 χ^2/NDF : 2544044.6/18

asym_sam7_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.010 χ^2/NDF : 4.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.010 χ^2/NDF : 20.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

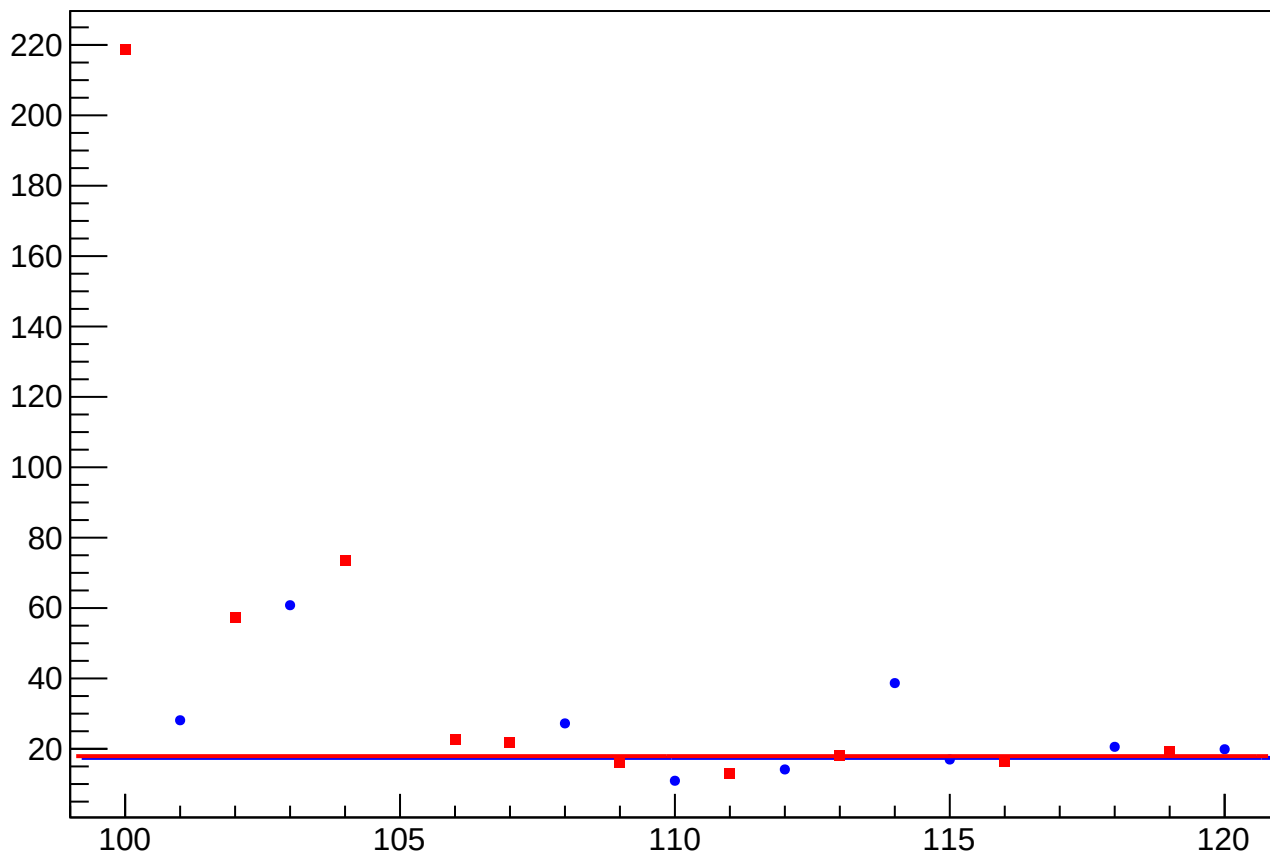
Right: 0.003+/-0.007 χ^2/NDF : 25.5/18

In: 0.001+/-0.010 χ^2/NDF : 4.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.007 χ^2/NDF : 25.5/18

asym_sam7_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.427+/-0.007 χ^2/NDF : 1248708.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.921+/-0.007 χ^2/NDF : 1293048.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

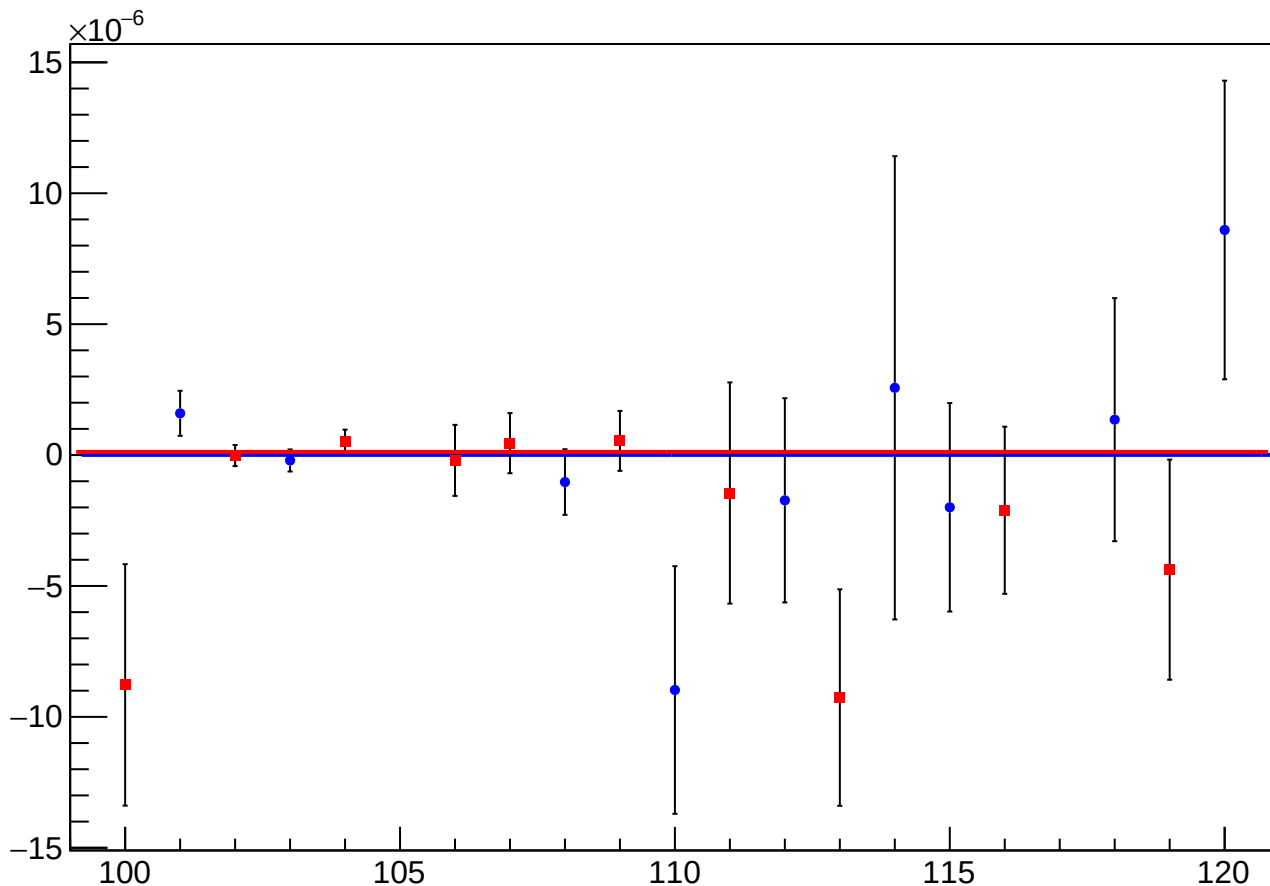
Right: 17.678+/-0.005 χ^2/NDF : 2544044.6/18

In: 17.427+/-0.007 χ^2/NDF : 1248708.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.678+/-0.005 χ^2/NDF : 2544044.6/18

asym_sam7_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

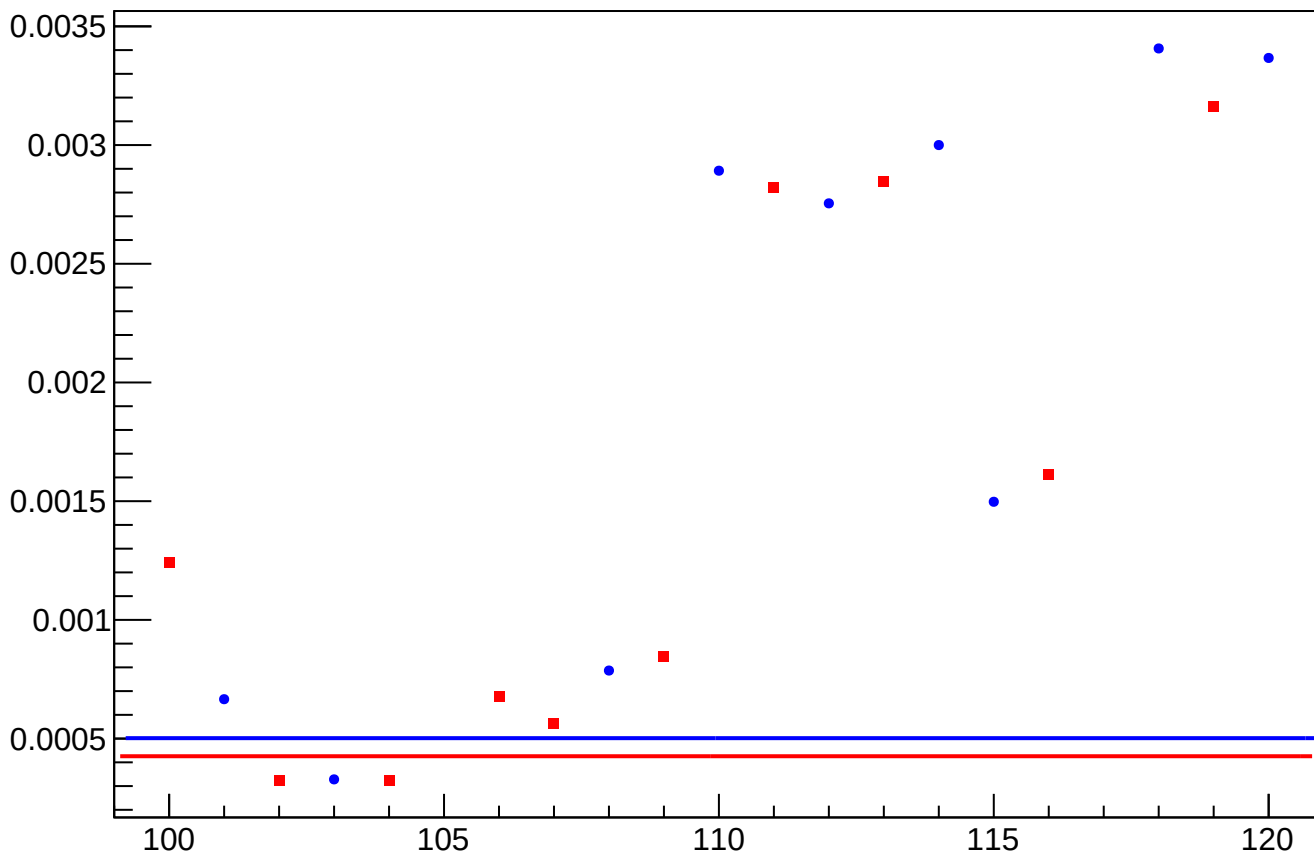
Right: 0.000+/-0.000 χ^2/NDF : 22.7/18

In: 0.000+/-0.000 χ^2/NDF : 10.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.7/18

asym_sam7_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 3265041.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3113840.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

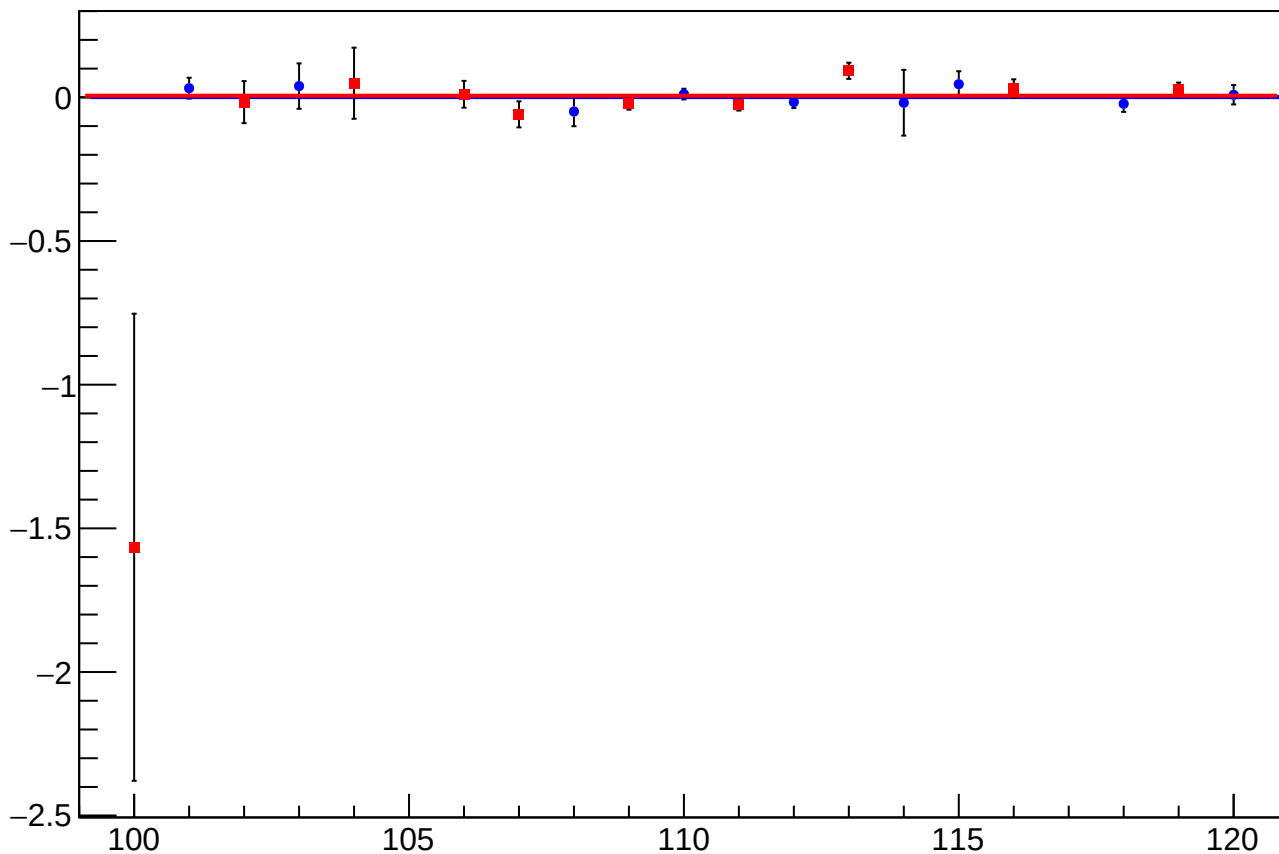
Right: 0.000+/-0.000 χ^2/NDF : 6436593.1/18

In: 0.001+/-0.000 χ^2/NDF :3265041.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6436593.1/18

asym_sam7_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.010 χ^2/NDF : 4.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.010 χ^2/NDF : 20.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

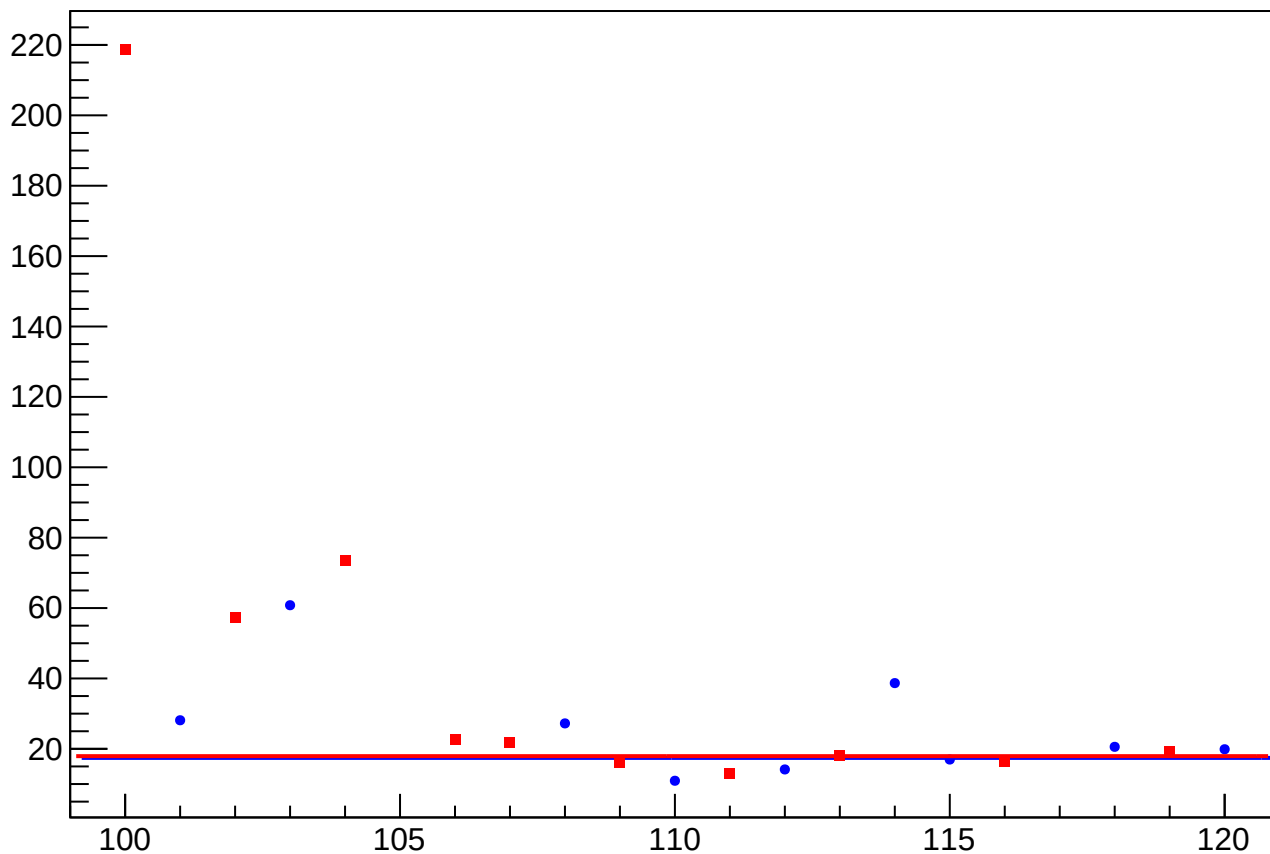
Right: 0.003+/-0.007 χ^2/NDF : 25.5/18

In: 0.001+/-0.010 χ^2/NDF : 4.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.007 χ^2/NDF : 25.5/18

asym_sam7_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.428+/-0.007 χ^2/NDF : 1248617.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.922+/-0.007 χ^2/NDF : 1293004.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

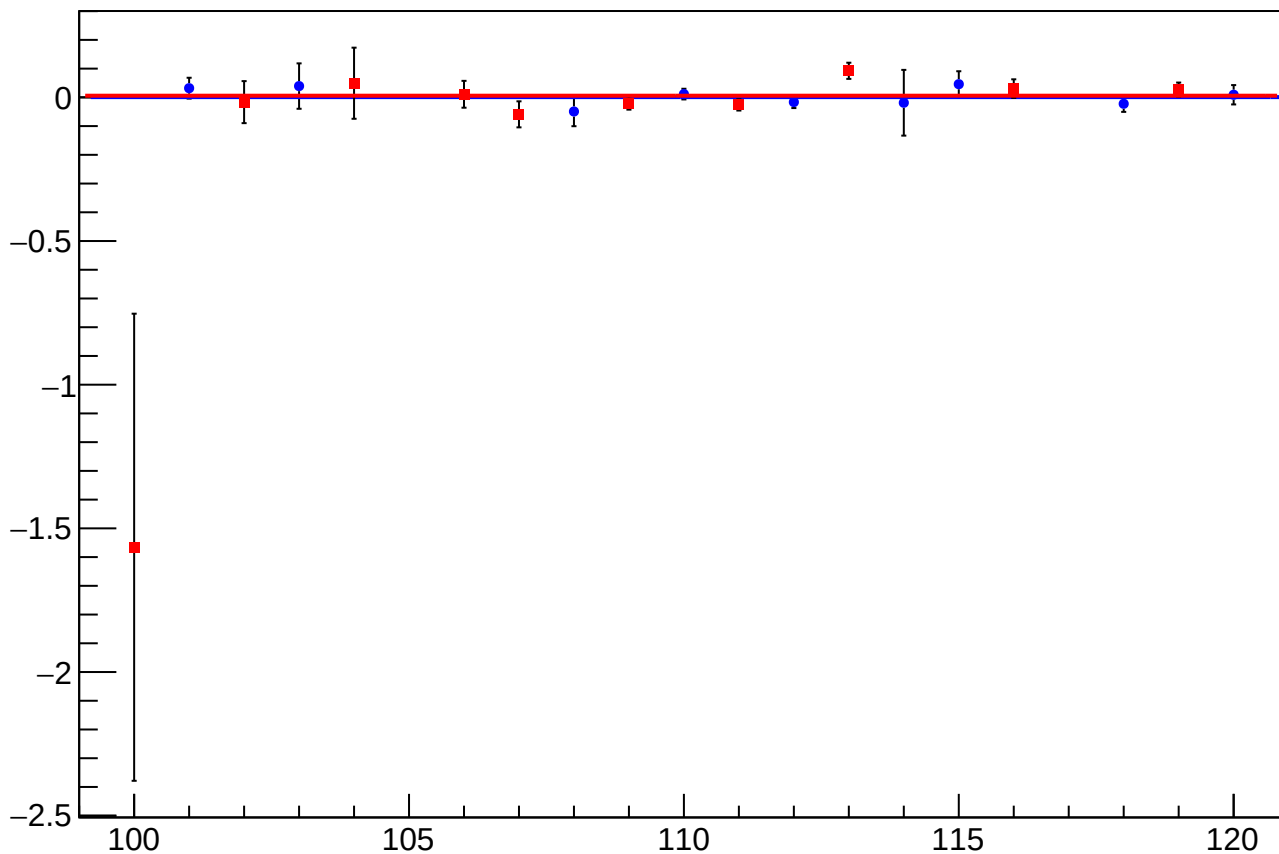
Right: 17.679+/-0.005 χ^2/NDF : 2543906.6/18

In: 17.428+/-0.007 χ^2/NDF : 1248617.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.679+/-0.005 χ^2/NDF : 2543906.6/18

asym_sam7_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.010 χ^2/NDF : 4.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.010 χ^2/NDF : 20.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

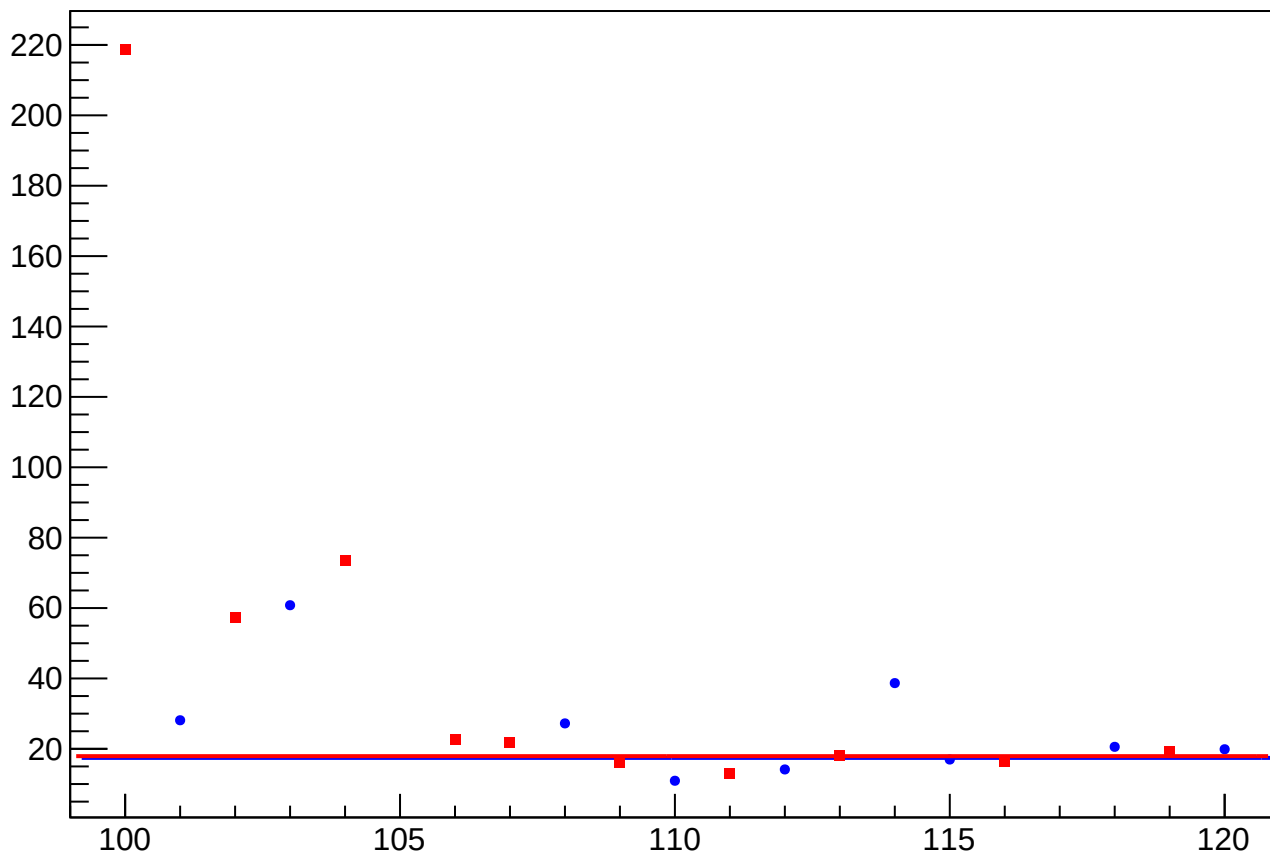
Right: 0.003+/-0.007 χ^2/NDF : 25.5/18

In: 0.001+/-0.010 χ^2/NDF :4.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.007 χ^2/NDF : 25.5/18

asym_sam7_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.428+/-0.007 χ^2/NDF : 1248617.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.922+/-0.007 χ^2/NDF : 1293004.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

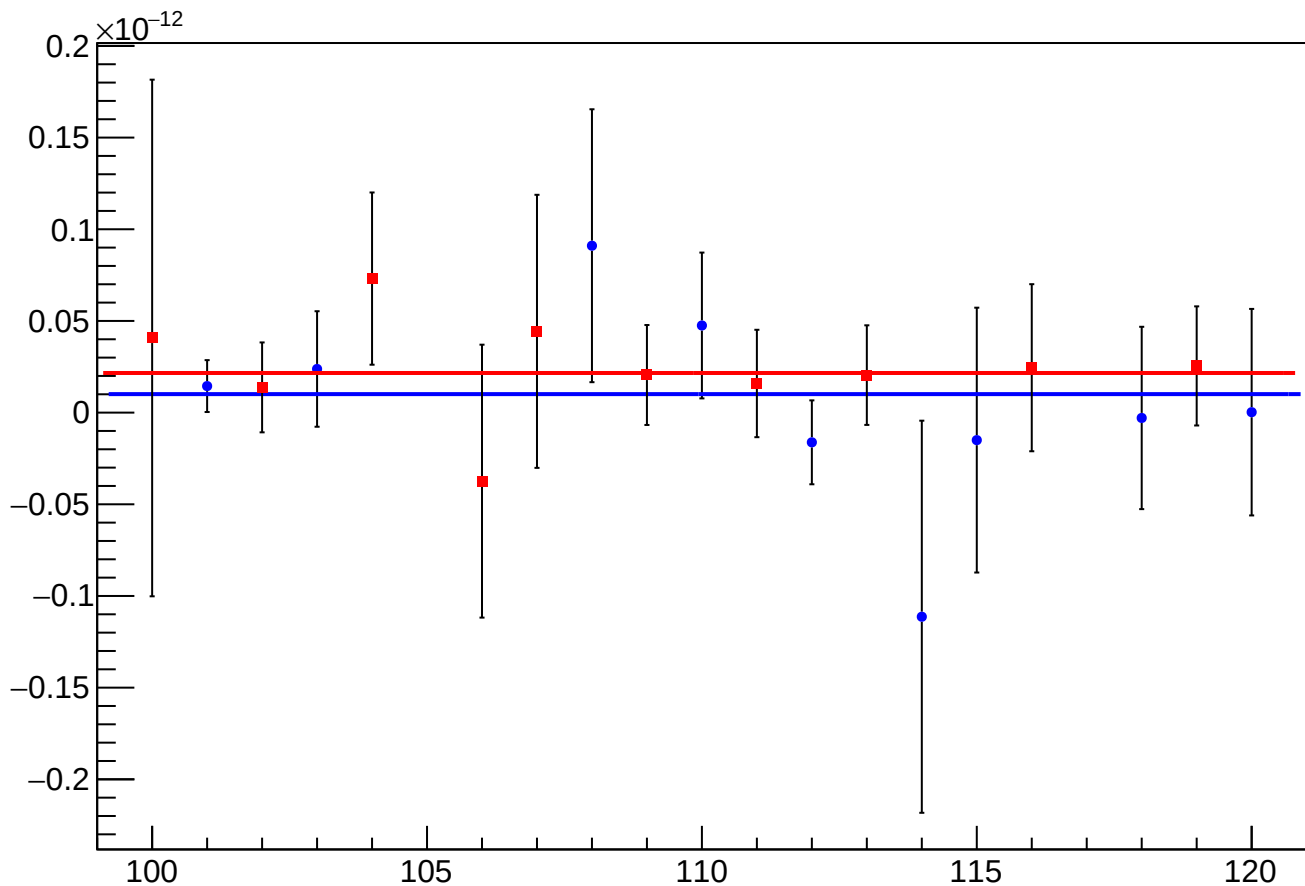
Right: 17.679+/-0.005 χ^2/NDF : 2543906.6/18

In: 17.428+/-0.007 χ^2/NDF : 1248617.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.679+/-0.005 χ^2/NDF : 2543906.6/18

asym_sam7_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

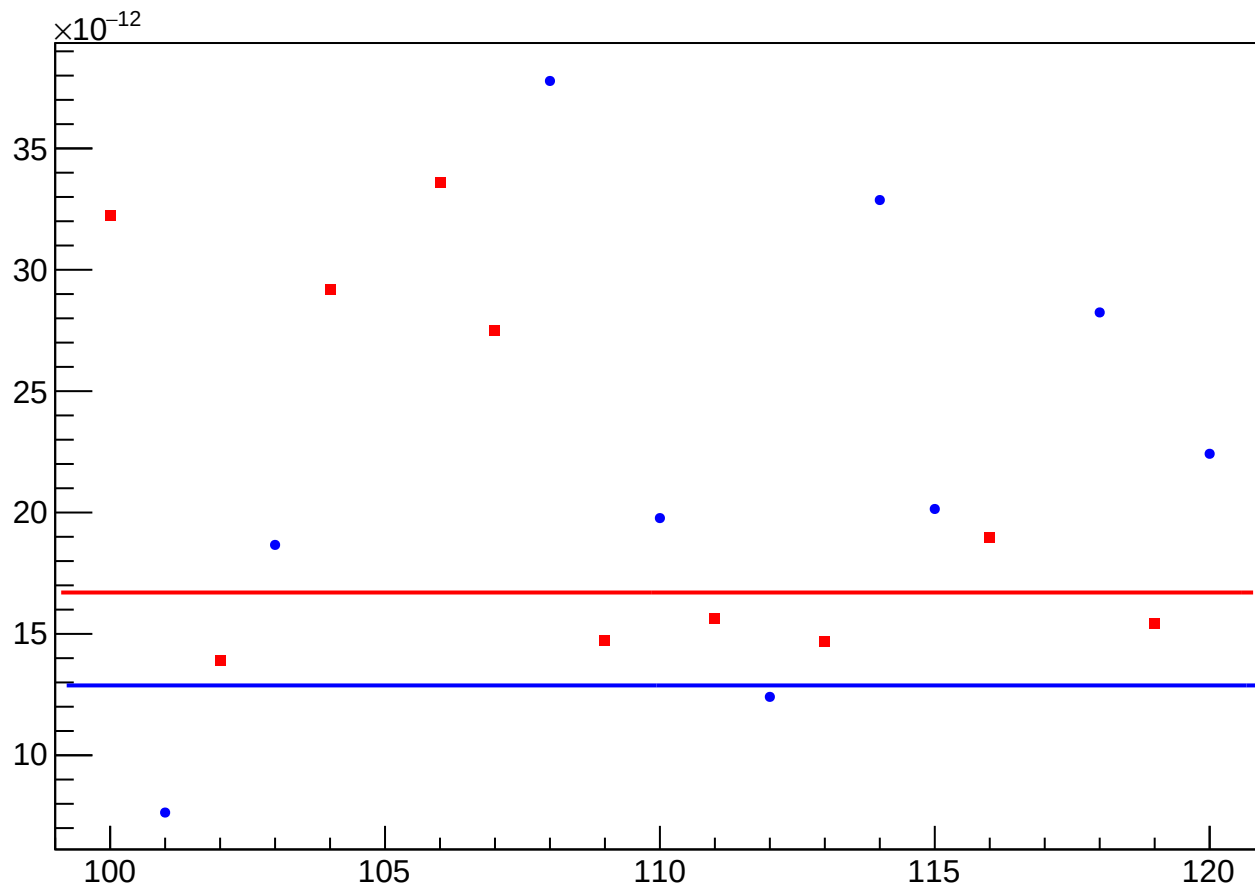
Right: 0.000+/-0.000 χ^2/NDF : 7.9/18

In: 0.000+/-0.000 χ^2/NDF : 5.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.9/18

asym_sam7_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 965030.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 369416.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

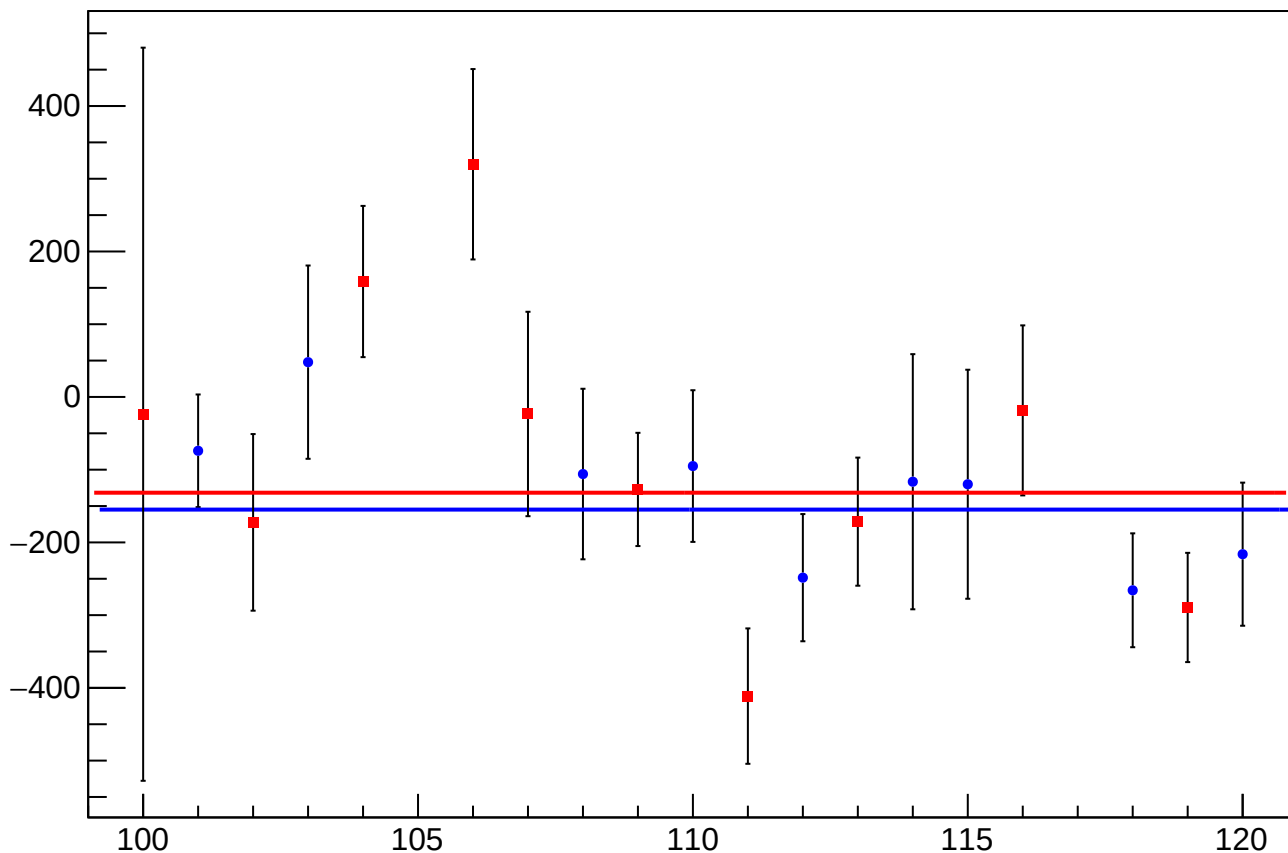
Right: 0.000+/-0.000 χ^2/NDF : 1461508.3/18

In: 0.000+/-0.000 χ^2/NDF : 965030.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1461508.3/18

reg_asym_sam8_mean vs Slug, Sign Corrected



Right In: -154.879+/-34.134 χ^2/NDF : 7.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -131.663+/-32.736 χ^2/NDF : 35.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

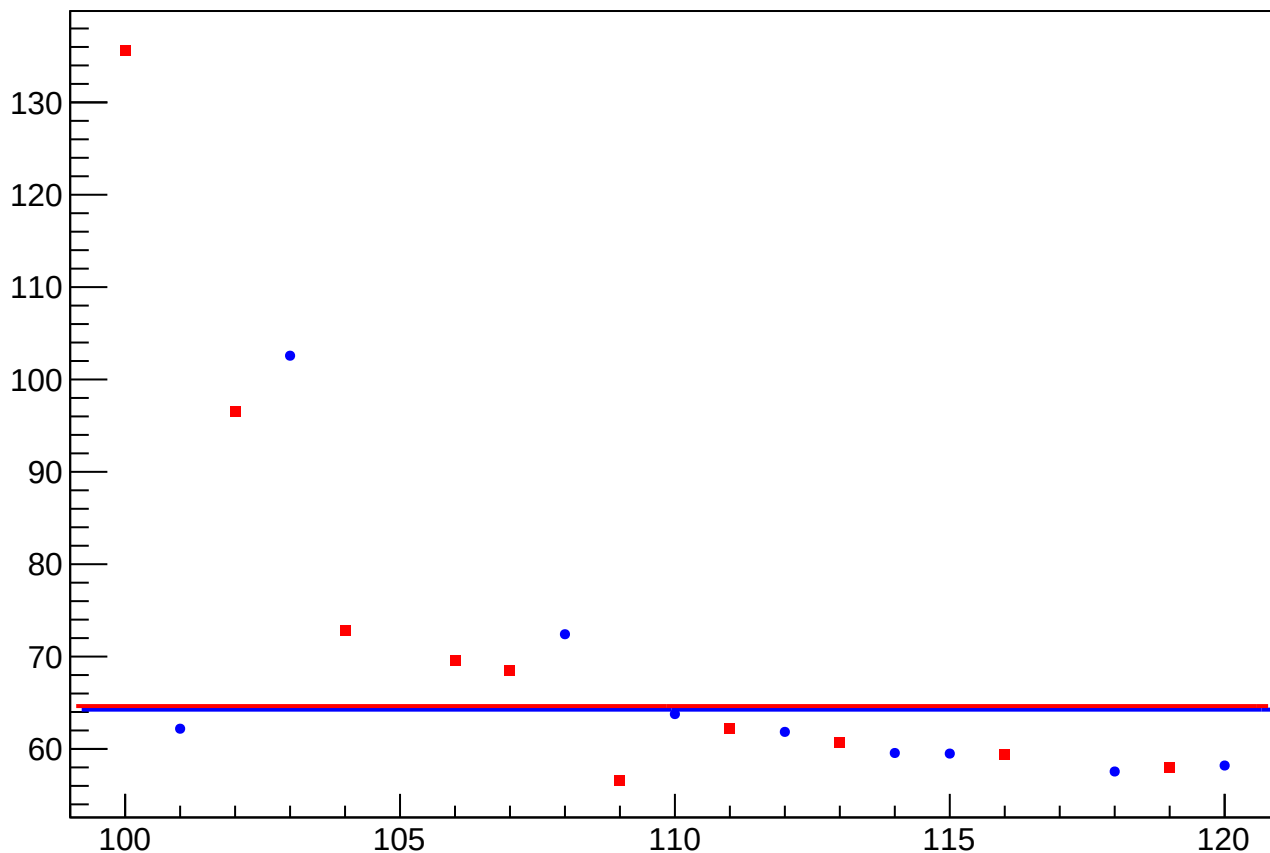
Right: -142.786+/-23.627 χ^2/NDF : 42.8/18

In: -154.879+/-34.134 χ^2/NDF : 7.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -142.786+/-23.627 χ^2/NDF : 42.8/18

reg_asym_sam8_rms vs Slug, Sign Corrected



Right In: 64.254+/-0.024 χ^2/NDF : 204471.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.640+/-0.023 χ^2/NDF : 240781.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

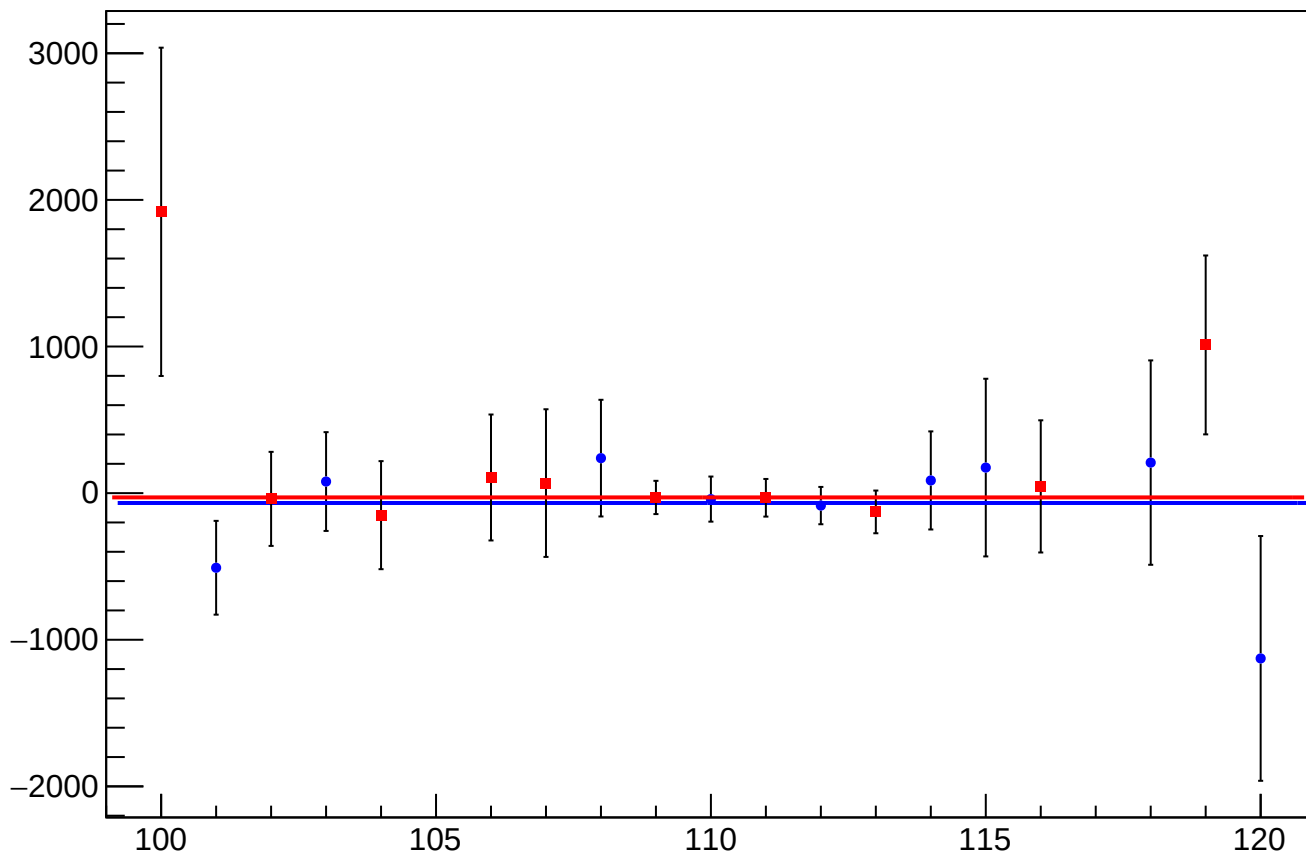
Right: 64.455+/-0.017 χ^2/NDF : 445386.6/18

In: 64.254+/-0.024 χ^2/NDF : 204471.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.455+/-0.017 χ^2/NDF : 445386.6/18

asym_sam8_reg_correction_mean vs Slug, Sign Corrected



Right In: -67.125+/-83.306 χ^2/NDF : 4.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.102+/-67.349 χ^2/NDF : 6.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

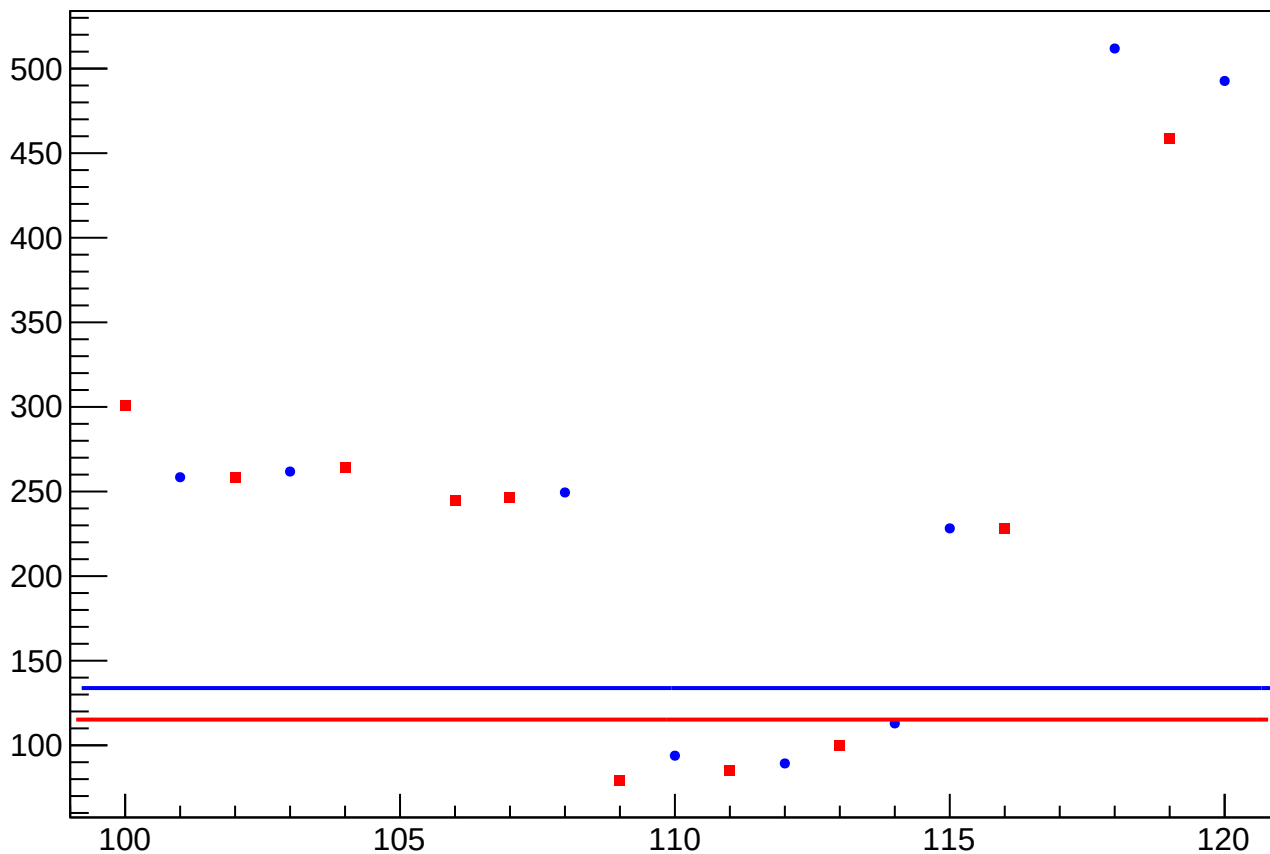
Right: -44.131+/-52.374 χ^2/NDF : 11.7/18

In: -67.125+/-83.306 χ^2/NDF : 4.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.131+/-52.374 χ^2/NDF : 11.7/18

asym_sam8_reg_correction_rms vs Slug, Sign Corrected



Right In: 133.826+/-0.059 χ^2/NDF : 2155766.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.200+/-0.048 χ^2/NDF : 2190886.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

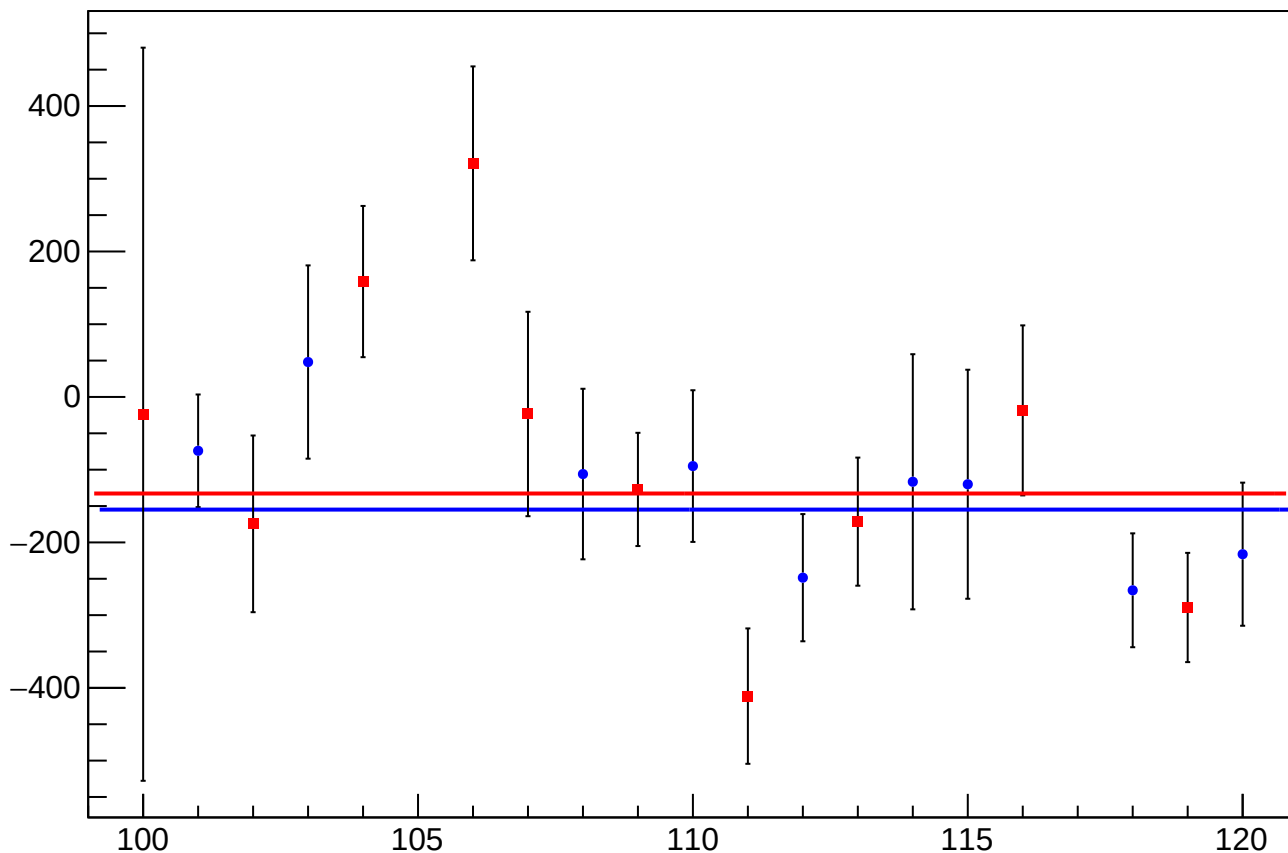
Right: 122.562+/-0.037 χ^2/NDF : 4407110.5/18

In: 133.826+/-0.059 χ^2/NDF : 2155766.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.562+/-0.037 χ^2/NDF : 4407110.5/18

cor_asym_sam8_mean vs Slug, Sign Corrected



Right In: -154.879+/-34.134 χ^2/NDF : 7.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -132.758+/-32.774 χ^2/NDF : 34.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

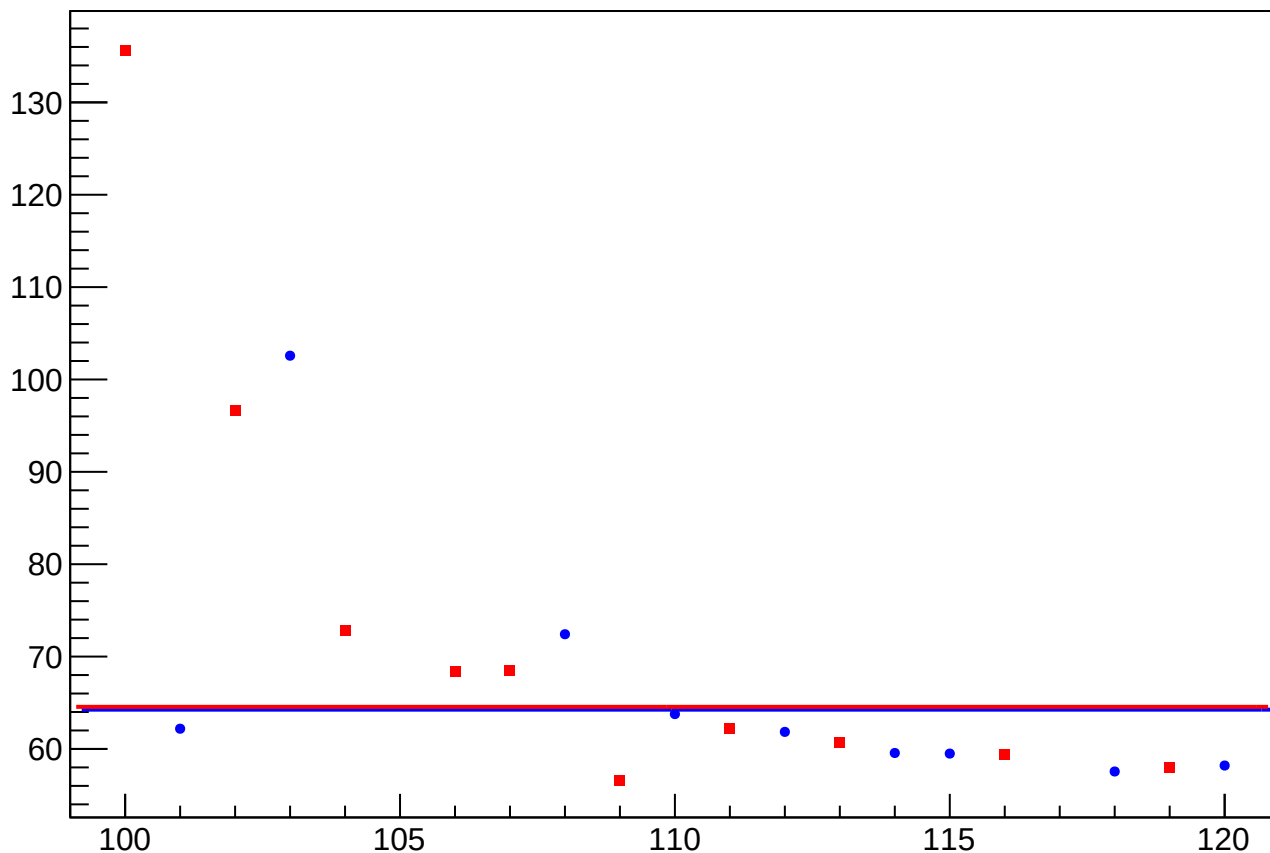
Right: -143.369+/-23.641 χ^2/NDF : 42.5/18

In: -154.879+/-34.134 χ^2/NDF : 7.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -143.369+/-23.641 χ^2/NDF : 42.5/18

cor_asym_sam8_rms vs Slug, Sign Corrected



Right In: 64.254+/-0.024 χ^2/NDF : 204473.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.559+/-0.023 χ^2/NDF : 239709.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

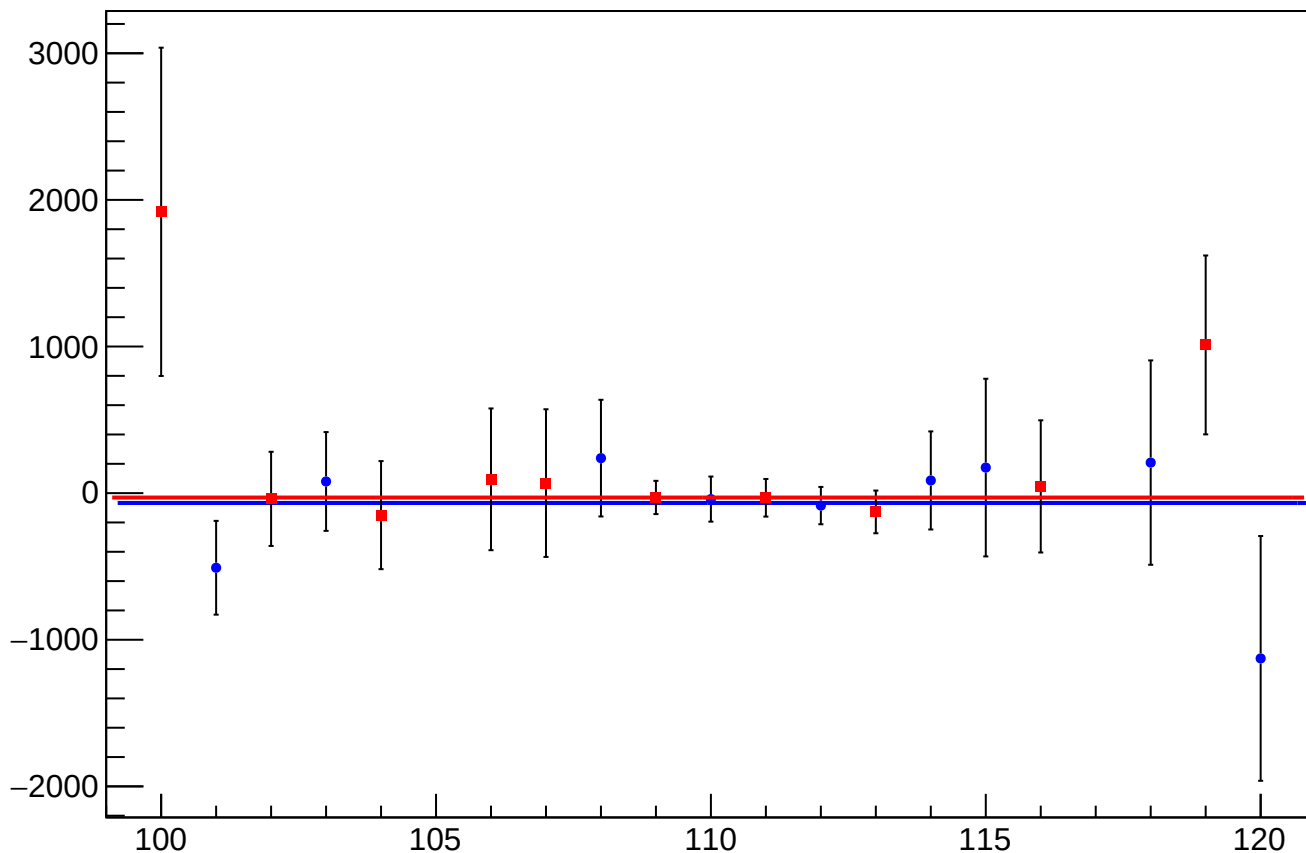
Right: 64.413+/-0.017 χ^2/NDF : 444266.4/18

In: 64.254+/-0.024 χ^2/NDF : 204473.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.413+/-0.017 χ^2/NDF : 444266.4/18

asym_sam8_cor_correction_mean vs Slug, Sign Corrected



Right In: -67.104+/-83.307 χ^2/NDF : 4.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -30.033+/-67.527 χ^2/NDF : 6.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

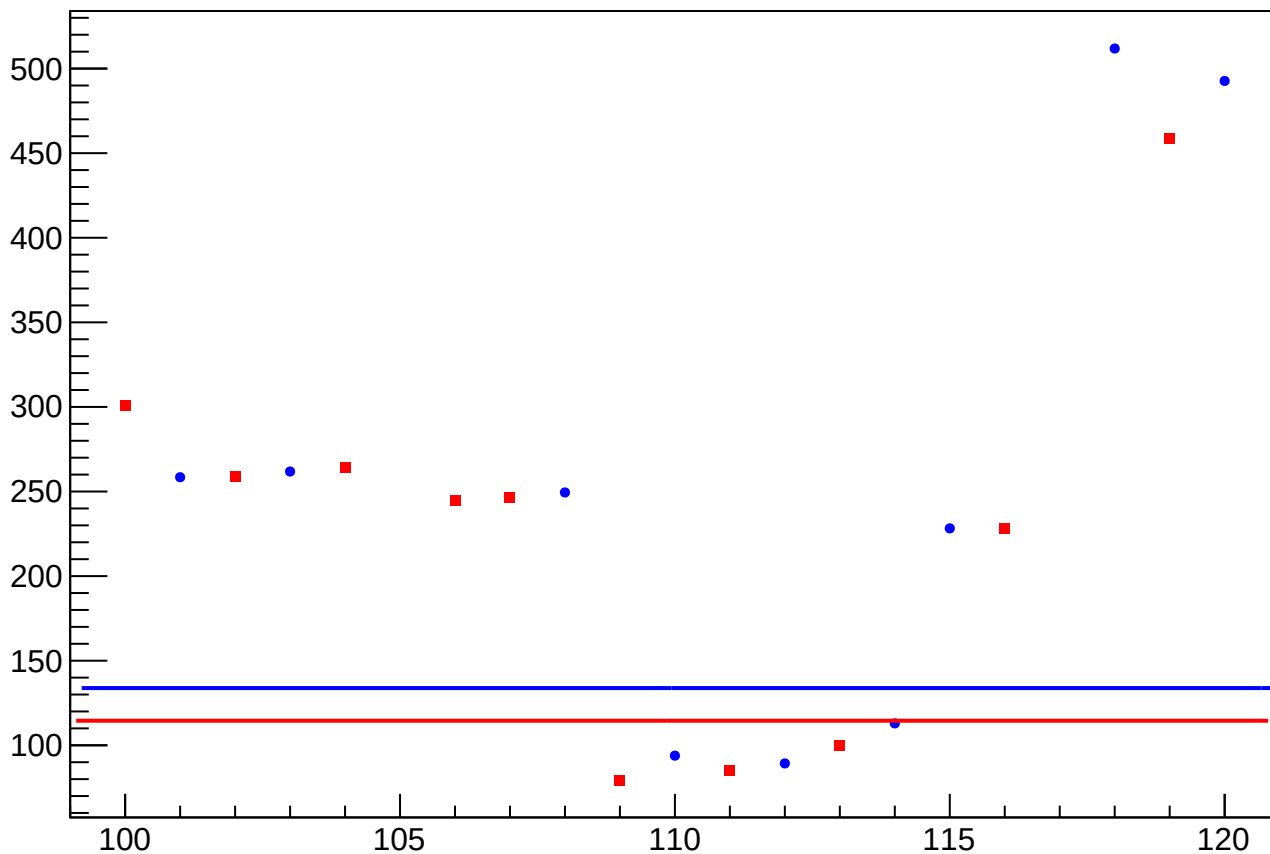
Right: -44.732+/-52.458 χ^2/NDF : 11.6/18

In: -67.104+/-83.307 χ^2/NDF : 4.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.732+/-52.458 χ^2/NDF : 11.6/18

asym_sam8_cor_correction_rms vs Slug, Sign Corrected



Right In: 133.825+/-0.059 χ^2/NDF : 2155821.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.528+/-0.048 χ^2/NDF : 2153671.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

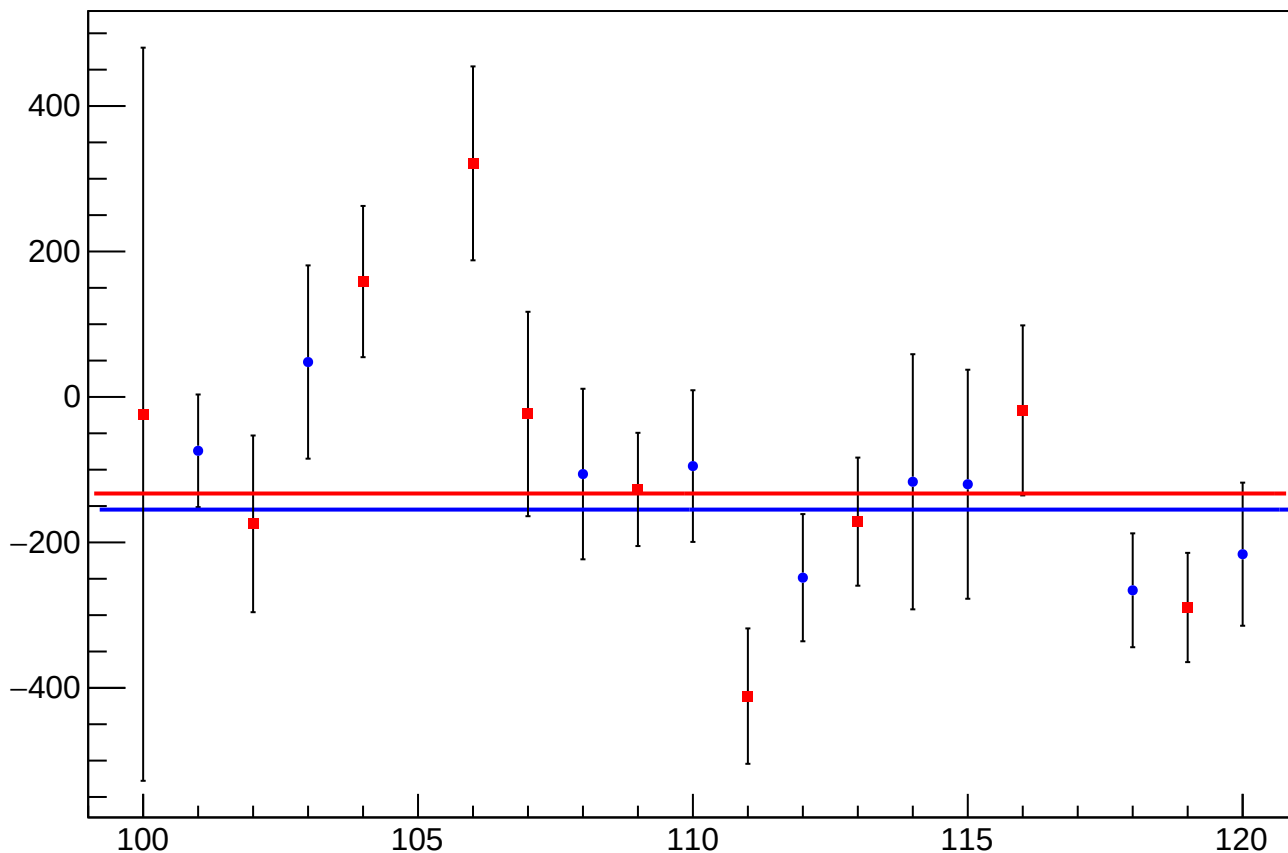
Right: 122.180+/-0.037 χ^2/NDF : 4374254.5/18

In: 133.825+/-0.059 χ^2/NDF : 2155821.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.180+/-0.037 χ^2/NDF : 4374254.5/18

eigen_cor_asym_sam8_mean vs Slug, Sign Corrected



Right In: -154.879+/-34.134 χ^2/NDF : 7.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -132.758+/-32.774 χ^2/NDF : 34.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

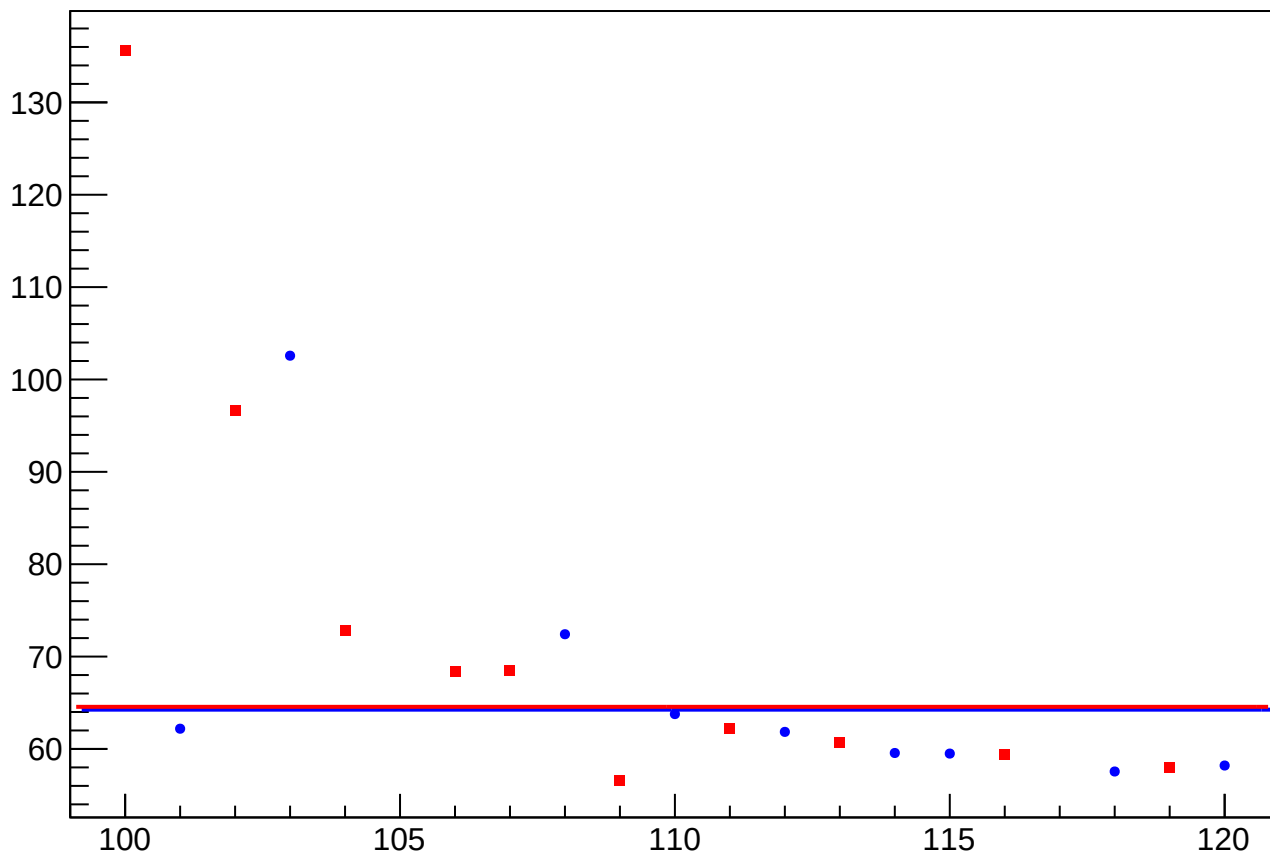
Right: -143.369+/-23.641 χ^2/NDF : 42.5/18

In: -154.879+/-34.134 χ^2/NDF : 7.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -143.369+/-23.641 χ^2/NDF : 42.5/18

eigen_cor_asym_sam8_rms vs Slug, Sign Corrected



Right In: 64.254+/-0.024 χ^2/NDF : 204473.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.559+/-0.023 χ^2/NDF : 239709.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

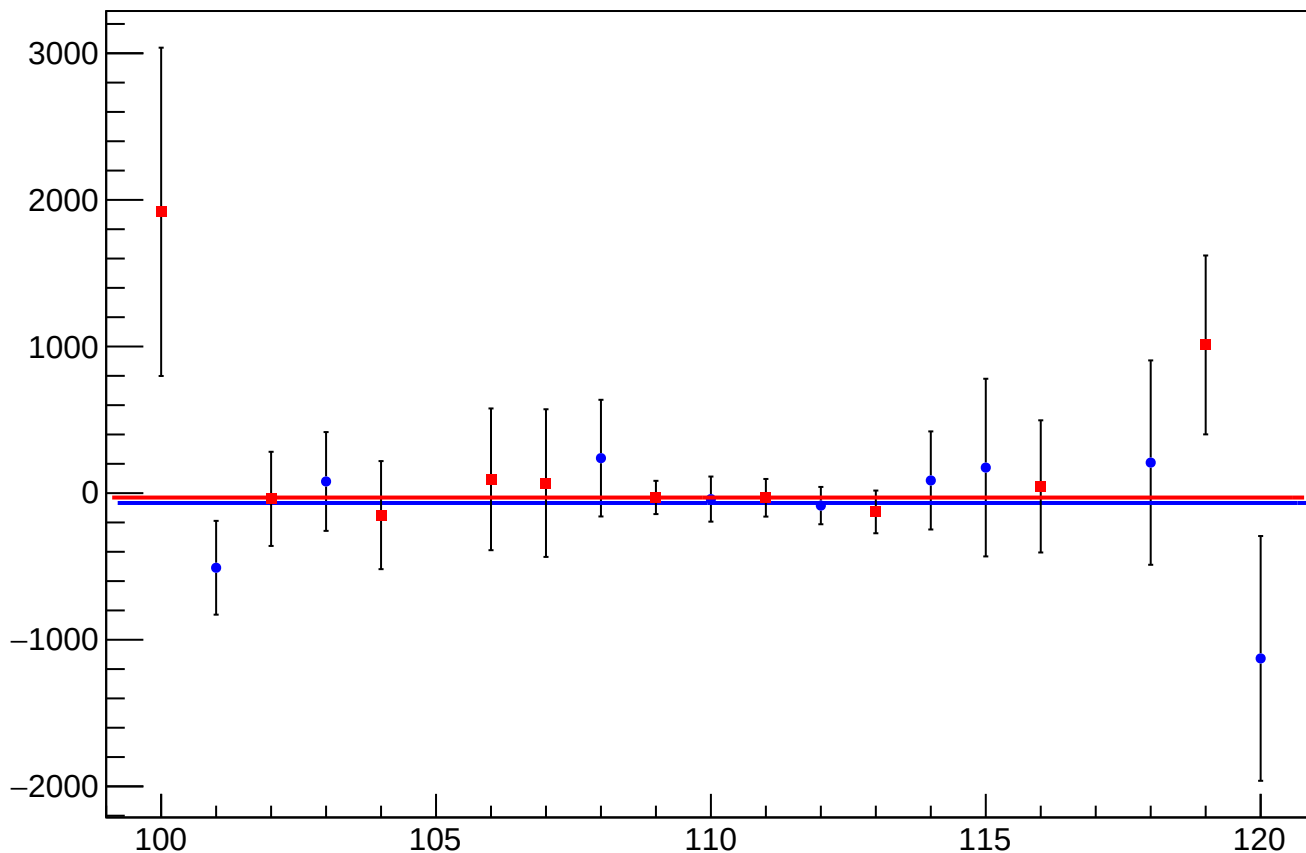
Right: 64.413+/-0.017 χ^2/NDF : 444266.4/18

In: 64.254+/-0.024 χ^2/NDF : 204473.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.413+/-0.017 χ^2/NDF : 444266.4/18

asym_sam8_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -67.104+/-83.307 χ^2/NDF : 4.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -30.033+/-67.527 χ^2/NDF : 6.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

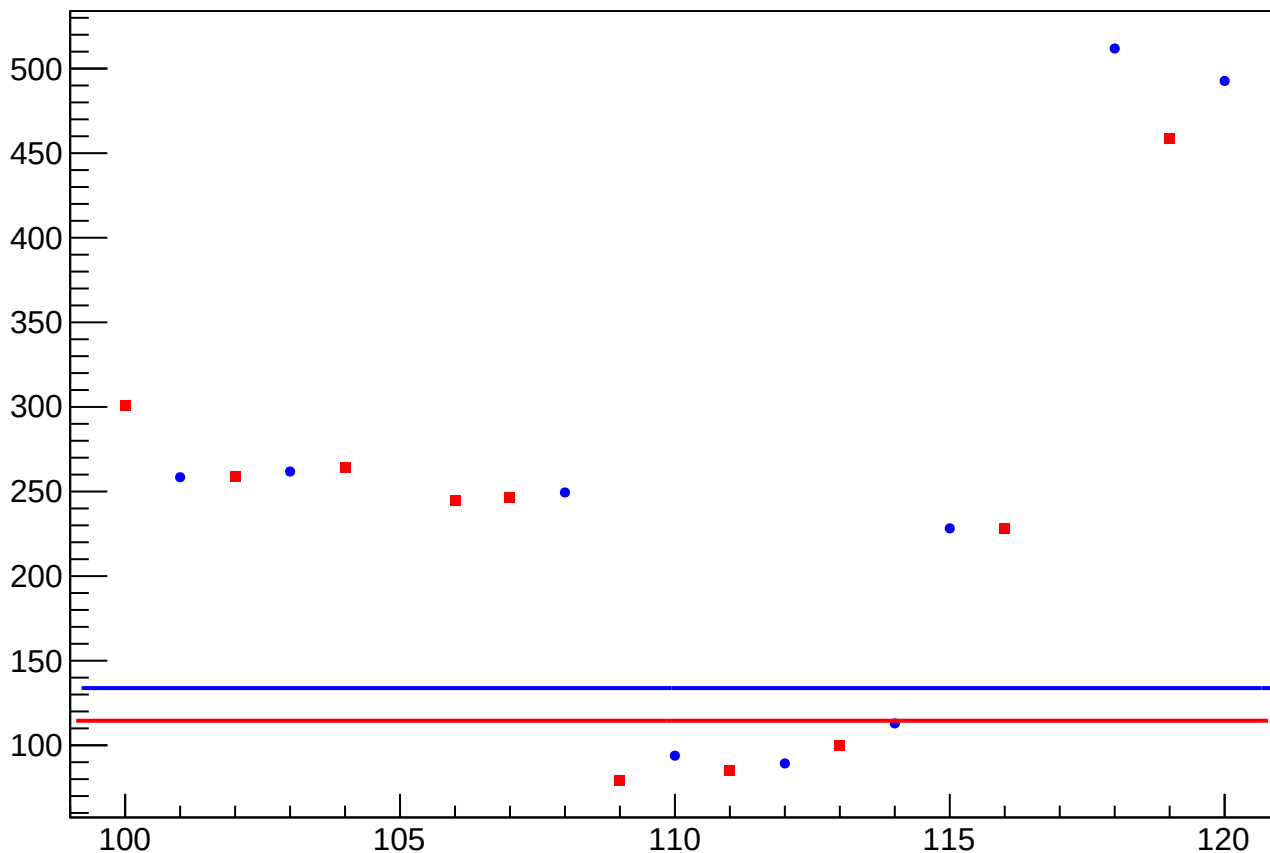
Right: -44.732+/-52.458 χ^2/NDF : 11.6/18

In: -67.104+/-83.307 χ^2/NDF : 4.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.732+/-52.458 χ^2/NDF : 11.6/18

asym_sam8_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 133.825+/-0.059 χ^2/NDF : 2155821.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.528+/-0.048 χ^2/NDF : 2153671.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

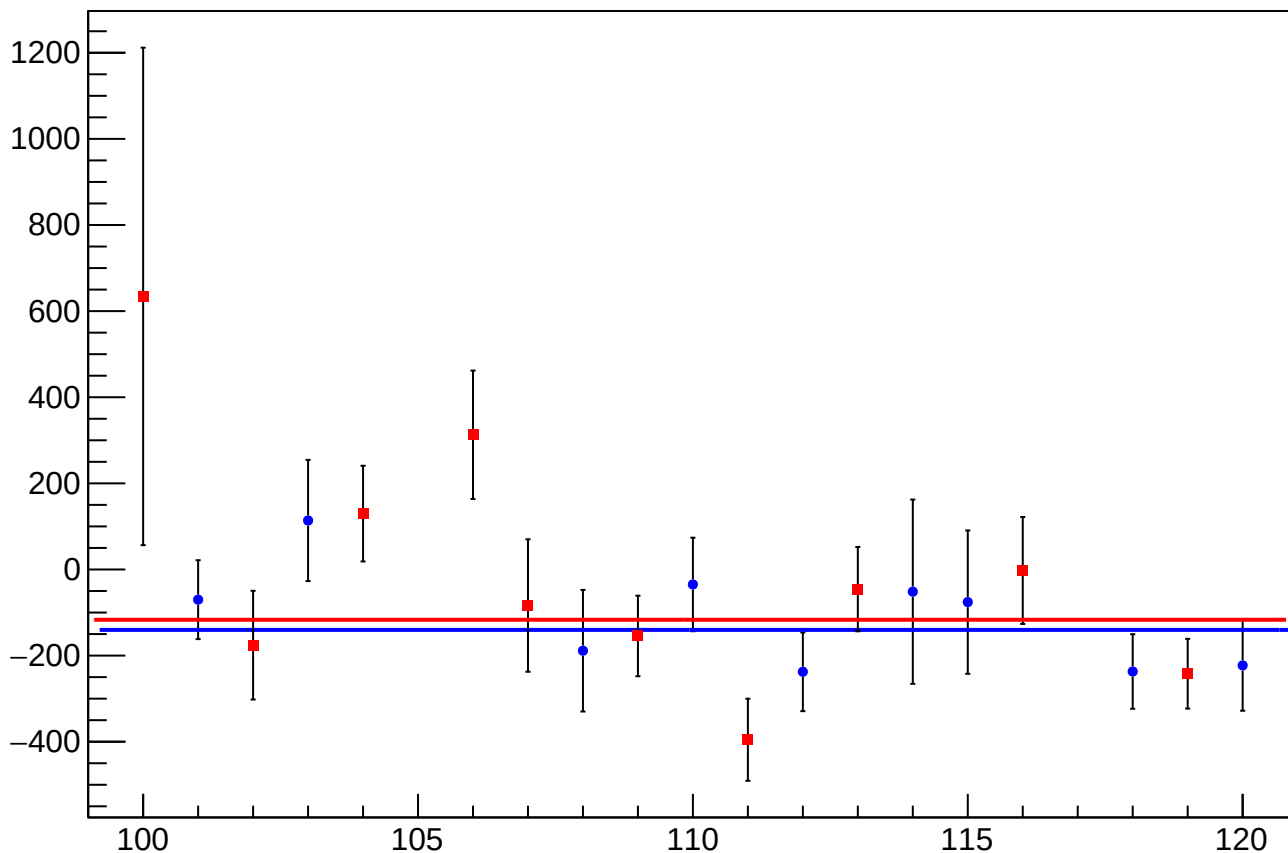
Right: 122.180+/-0.037 χ^2/NDF : 4374254.5/18

In: 133.825+/-0.059 χ^2/NDF : 2155821.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.180+/-0.037 χ^2/NDF : 4374254.5/18

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -140.305+/-37.639 χ^2/NDF : 8.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -116.734+/-35.809 χ^2/NDF : 27.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

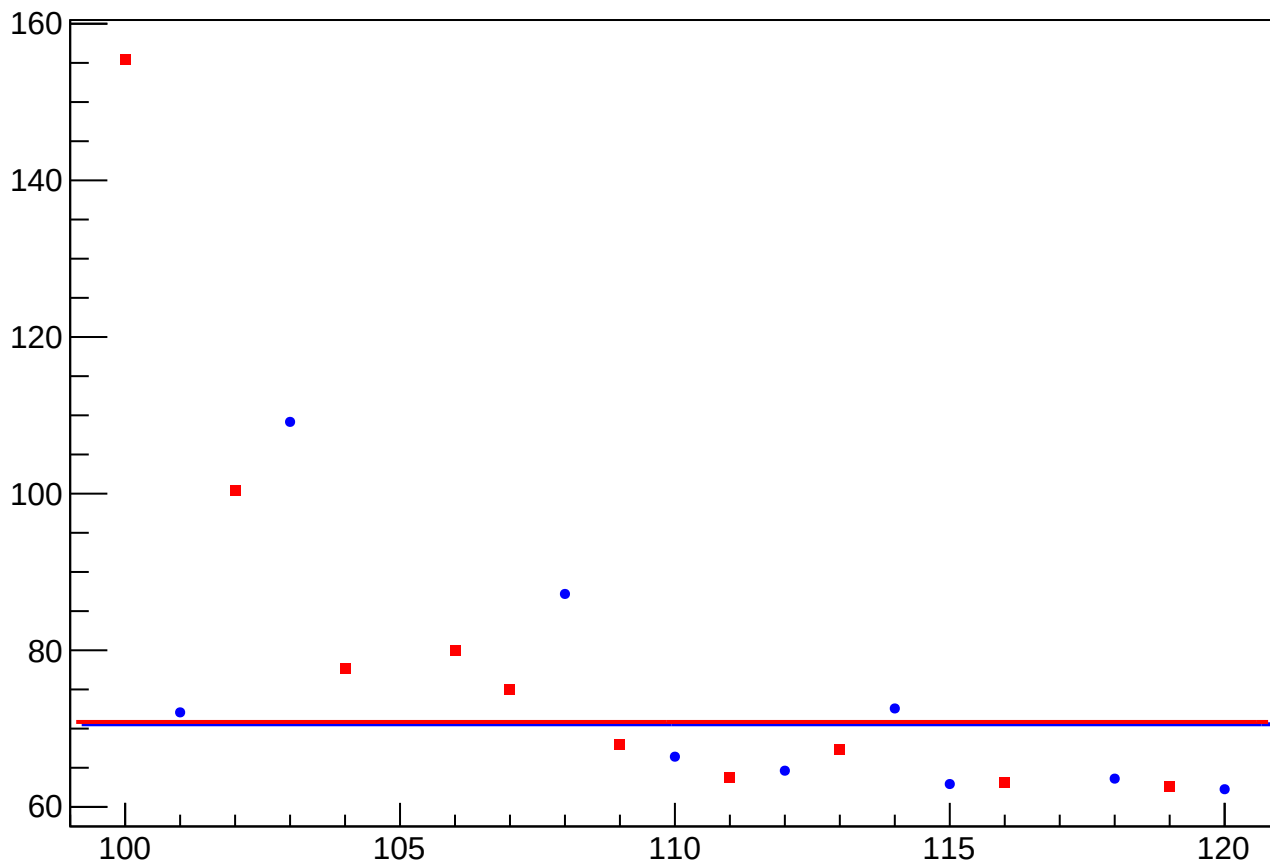
Right: -127.933+/-25.944 χ^2/NDF : 36.1/18

In: -140.305+/-37.639 χ^2/NDF :8.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -127.933+/-25.944 χ^2/NDF : 36.1/18

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 70.553+/-0.027 χ^2/NDF : 219879.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.849+/-0.025 χ^2/NDF : 213790.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

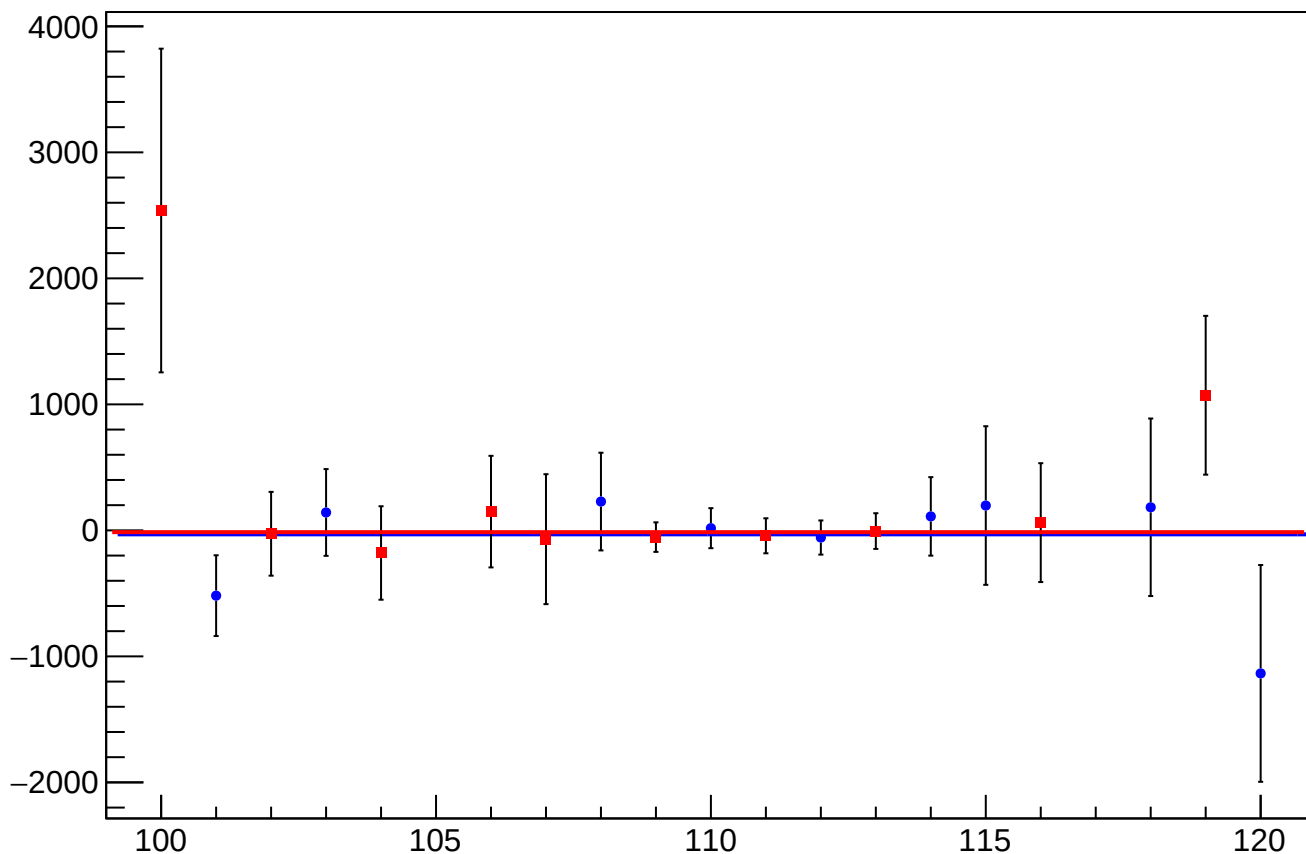
Right: 70.708+/-0.018 χ^2/NDF : 433735.3/18

In: 70.553+/-0.027 χ^2/NDF : 219879.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.708+/-0.018 χ^2/NDF : 433735.3/18

asym_sam8_dit_correction_mean vs Slug, Sign Corrected



Right In: -31.465+/-86.044 χ^2/NDF : 5.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.186+/-69.447 χ^2/NDF : 7.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

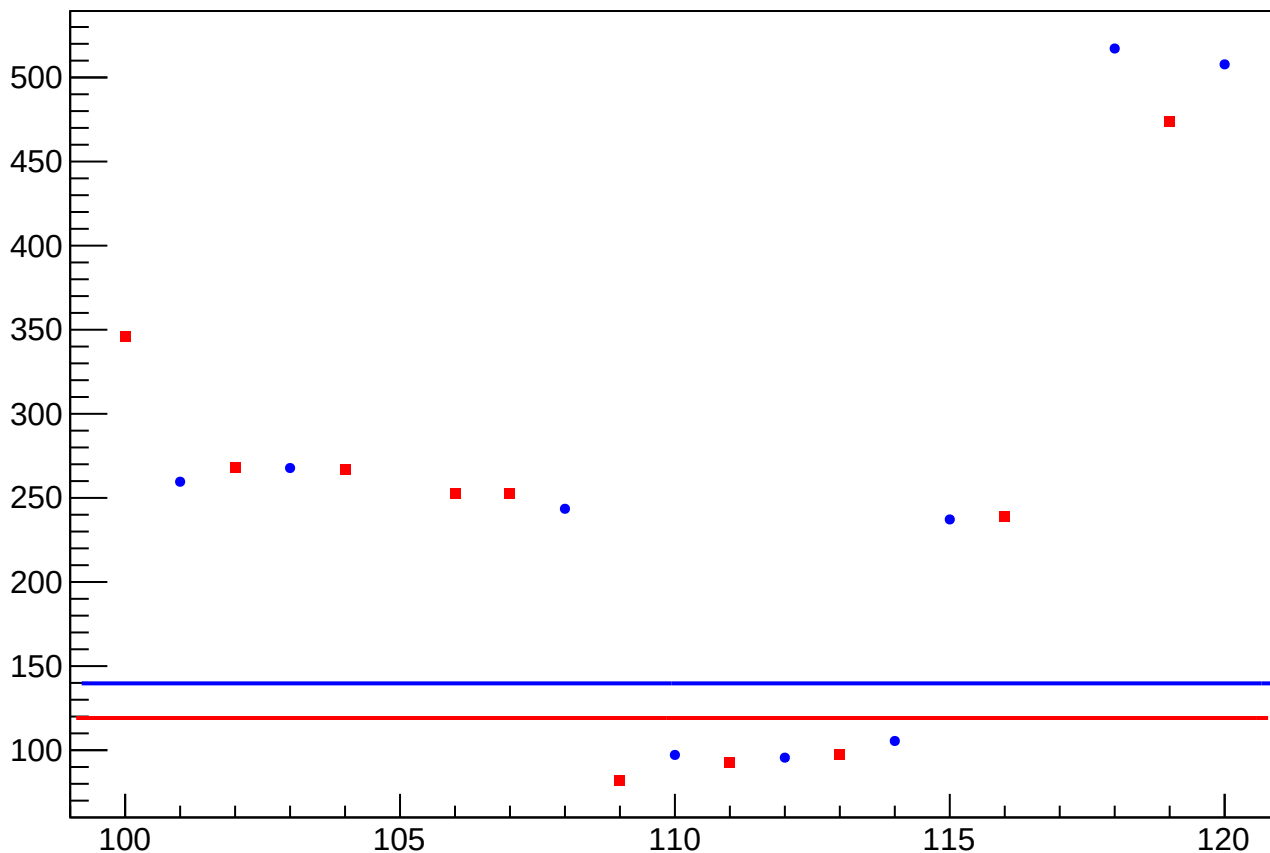
Right: -21.001+/-54.041 χ^2/NDF : 12.7/18

In: -31.465+/-86.044 χ^2/NDF : 5.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.001+/-54.041 χ^2/NDF : 12.7/18

asym_sam8_dit_correction_rms vs Slug, Sign Corrected



Right In: 139.731+/-0.061 χ^2/NDF : 2068325.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.135+/-0.049 χ^2/NDF : 2181681.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

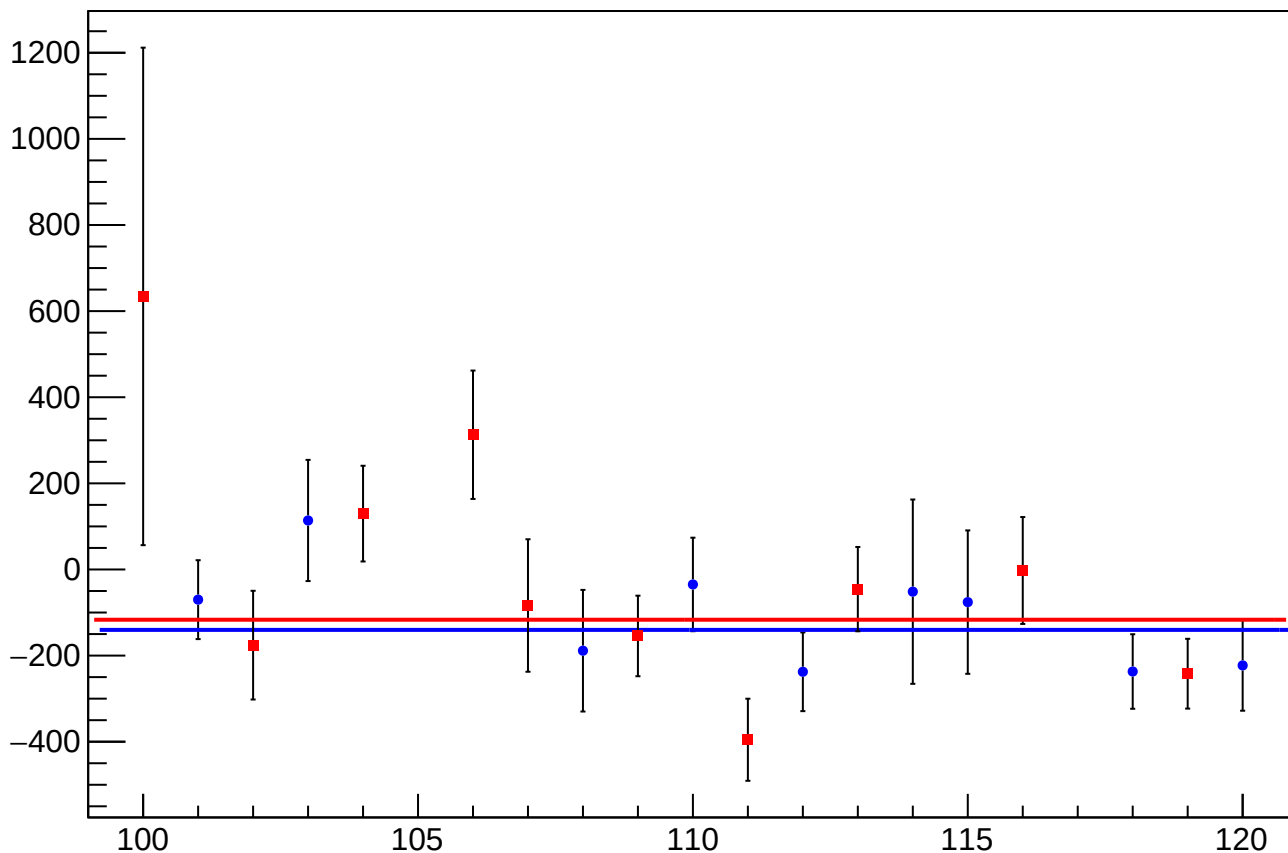
Right: 127.259+/-0.038 χ^2/NDF : 4319400.8/18

In: 139.731+/-0.061 χ^2/NDF : 2068325.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.259+/-0.038 χ^2/NDF : 4319400.8/18

eigen_dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -140.304 $\pm$ 37.639 χ^2 /NDF: 8.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -116.736 $\pm$ 35.809 χ^2 /NDF: 27.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

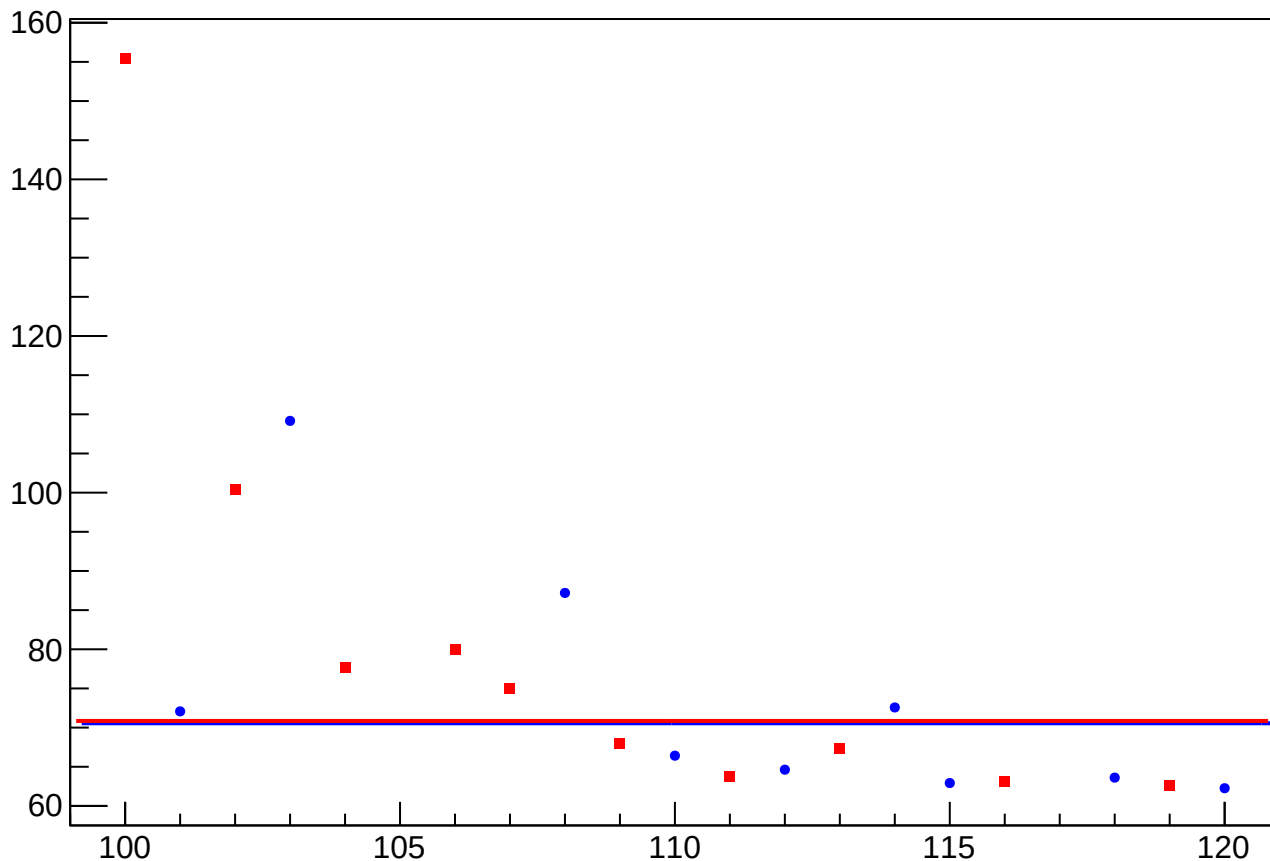
Right: -127.933 $\pm$ 25.944 χ^2 /NDF: 36.1/18

In: -140.304 $\pm$ 37.639 χ^2 /NDF:8.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -127.933 $\pm$ 25.944 χ^2 /NDF: 36.1/18

eigen_dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 70.553+/-0.027 χ^2/NDF : 219880.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.849+/-0.025 χ^2/NDF : 213792.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

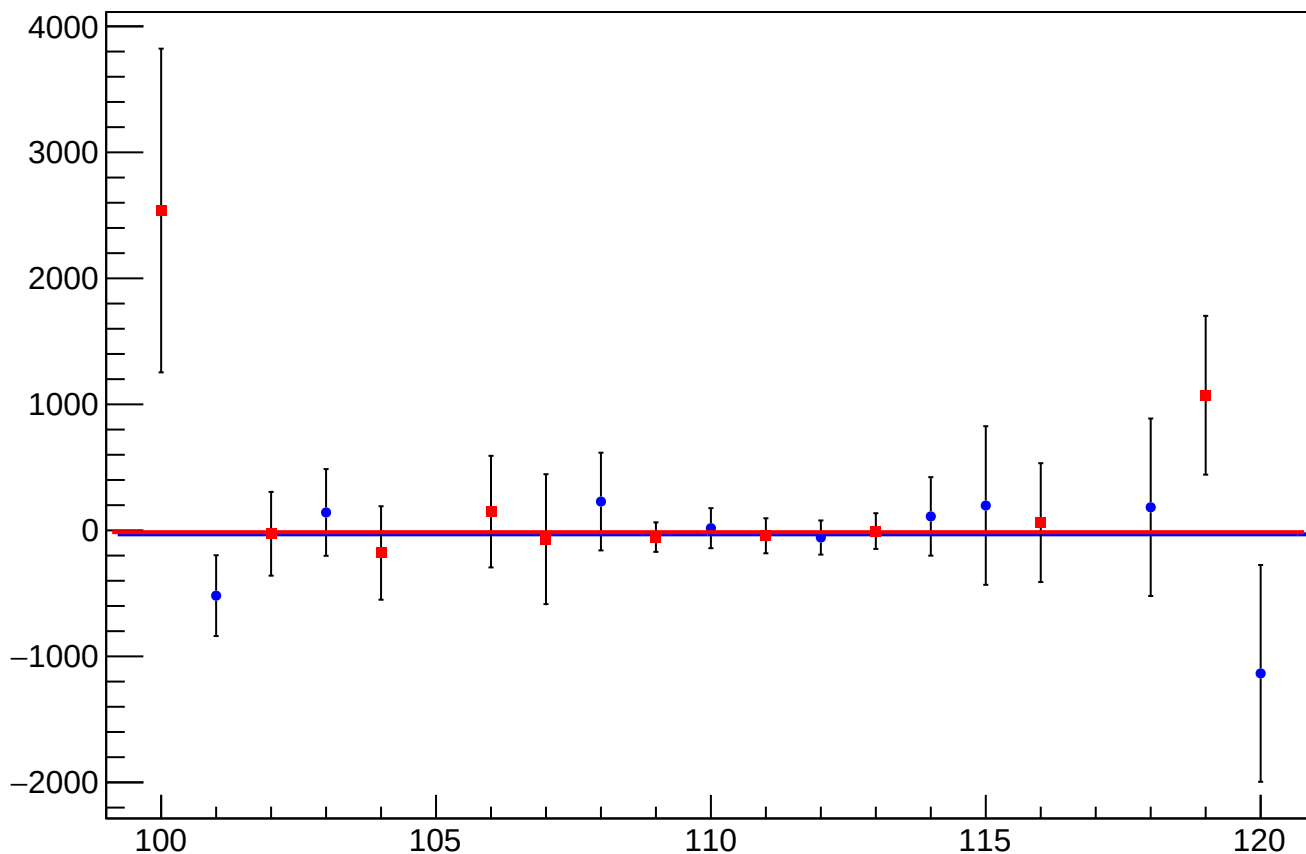
Right: 70.708+/-0.018 χ^2/NDF : 433737.6/18

In: 70.553+/-0.027 χ^2/NDF : 219880.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.708+/-0.018 χ^2/NDF : 433737.6/18

asym_sam8_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -31.464 $\pm$ 86.043 χ^2 /NDF: 5.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -14.187 $\pm$ 69.447 χ^2 /NDF: 7.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

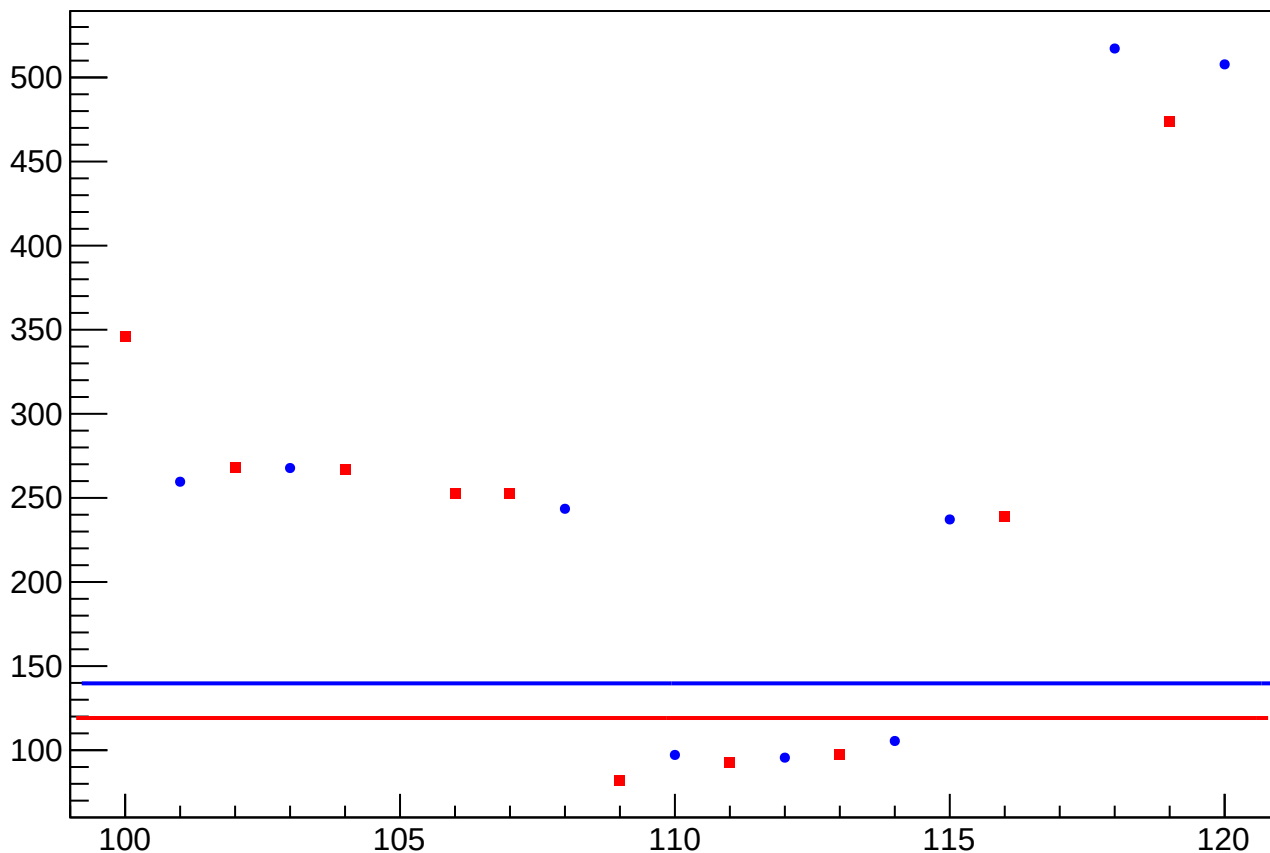
Right: -21.002 $\pm$ 54.041 χ^2 /NDF: 12.7/18

In: -31.464 $\pm$ 86.043 χ^2 /NDF: 5.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -21.002 $\pm$ 54.041 χ^2 /NDF: 12.7/18

asym_sam8_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 139.730+/-0.061 χ^2/NDF : 2068332.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.134+/-0.049 χ^2/NDF : 2181667.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

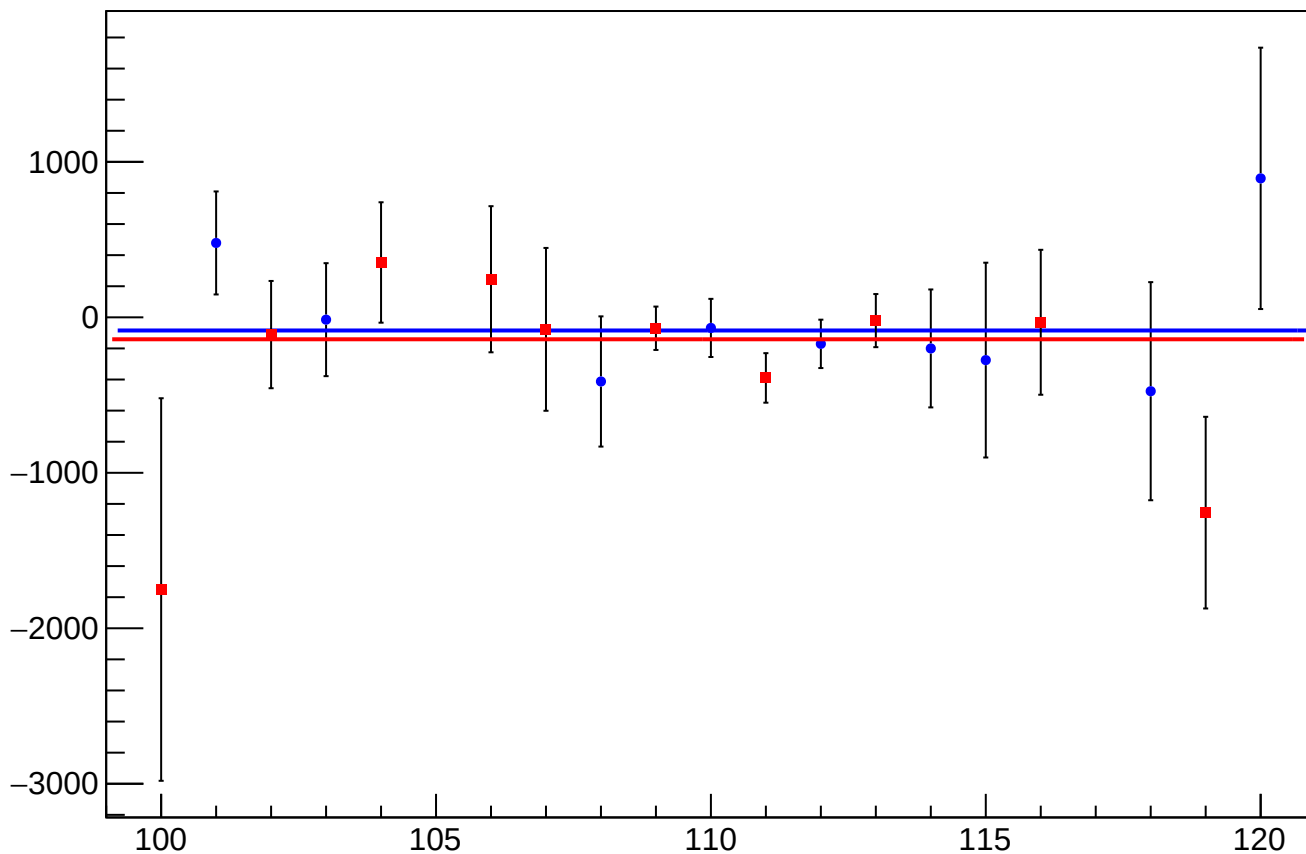
Right: 127.259+/-0.038 χ^2/NDF : 4319388.1/18

In: 139.730+/-0.061 χ^2/NDF : 2068332.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.259+/-0.038 χ^2/NDF : 4319388.1/18

asym_sam8_mean vs Slug, Sign Corrected



Right In: -84.537+/-97.474 χ^2/NDF : 5.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -141.174+/-80.007 χ^2/NDF : 10.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

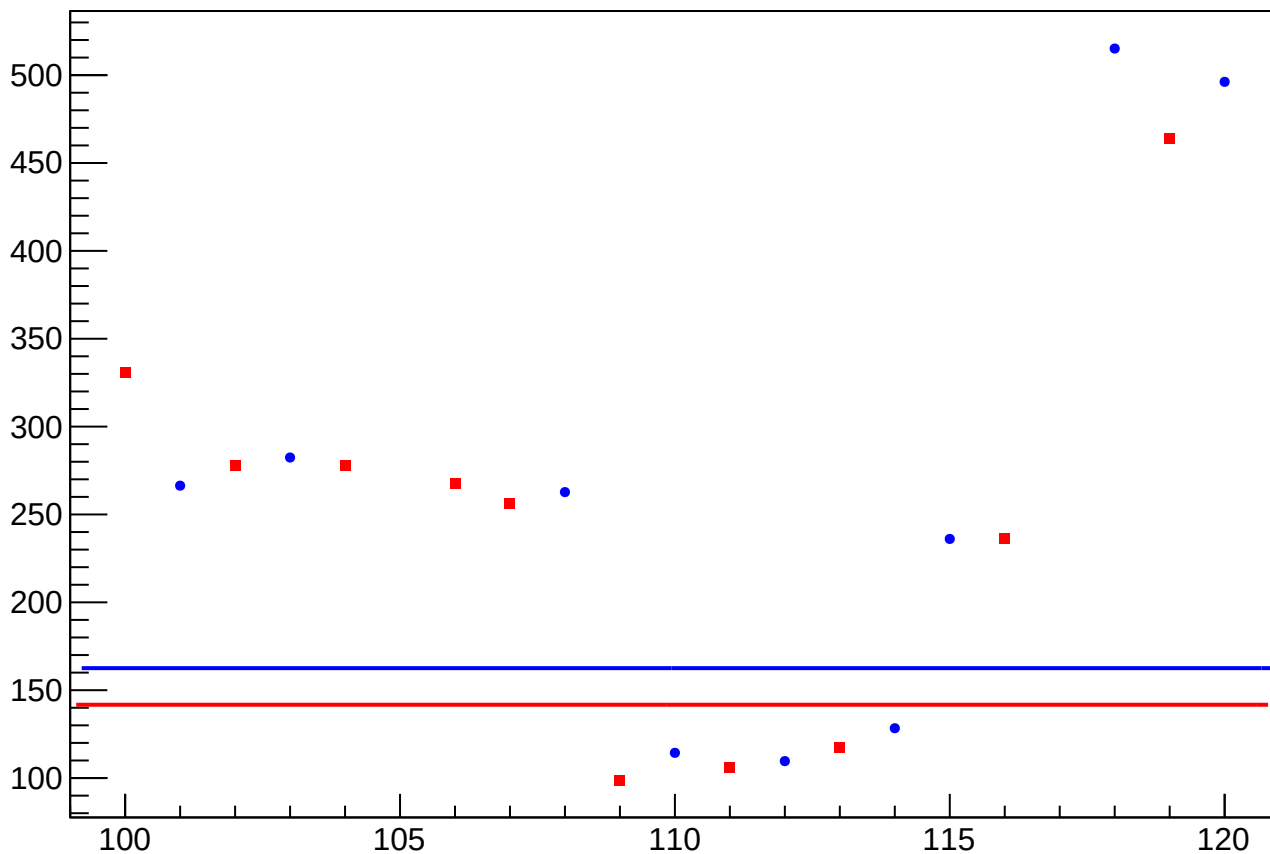
Right: -118.376+/-61.842 χ^2/NDF : 16.5/18

In: -84.537+/-97.474 χ^2/NDF : 5.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -118.376+/-61.842 χ^2/NDF : 16.5/18

asym_sam8_rms vs Slug, Sign Corrected



Right In: 162.546+/-0.069 χ^2/NDF : 1757080.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 141.722+/-0.057 χ^2/NDF : 1806410.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

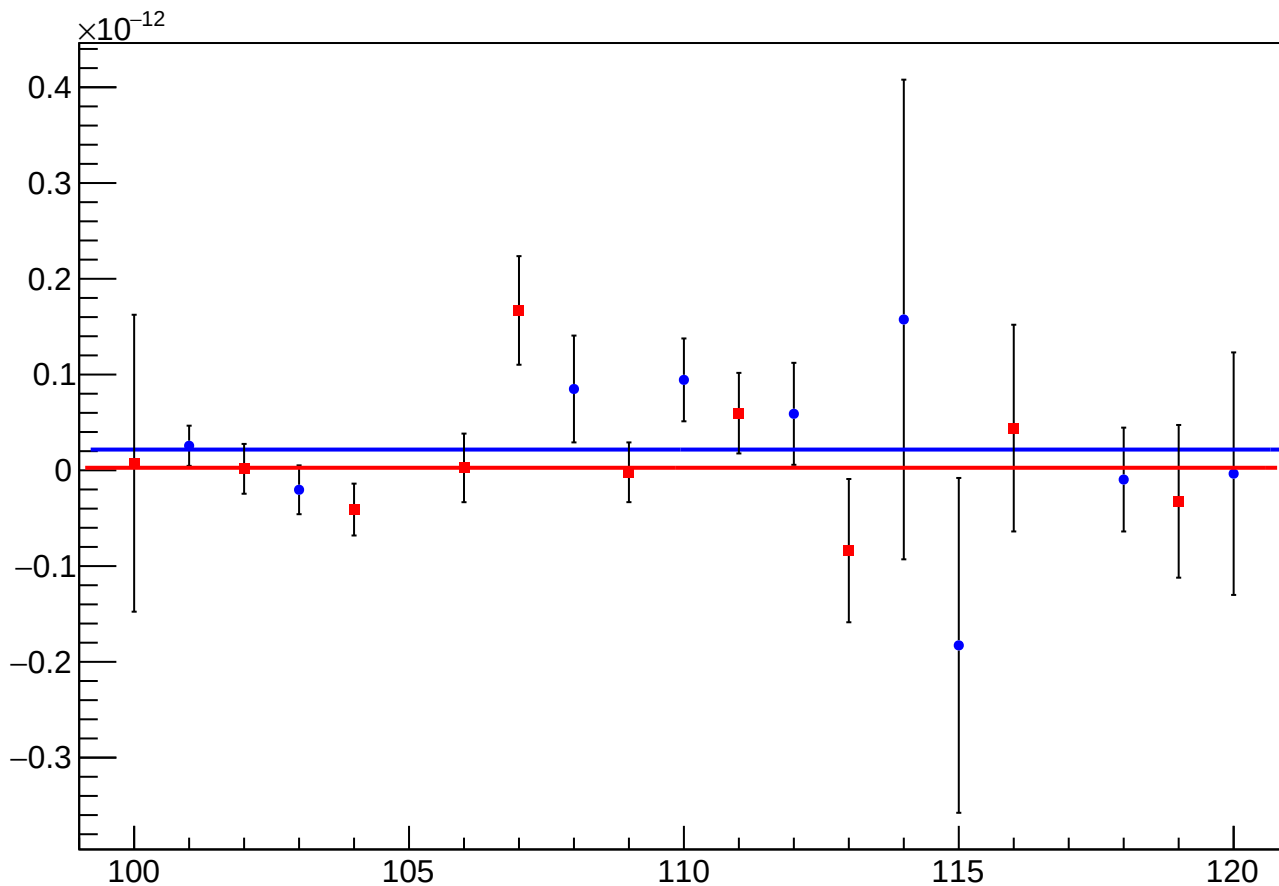
Right: 150.104+/-0.044 χ^2/NDF : 3618033.0/18

In: 162.546+/-0.069 χ^2/NDF : 1757080.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.104+/-0.044 χ^2/NDF : 3618033.0/18

asym_sam8_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

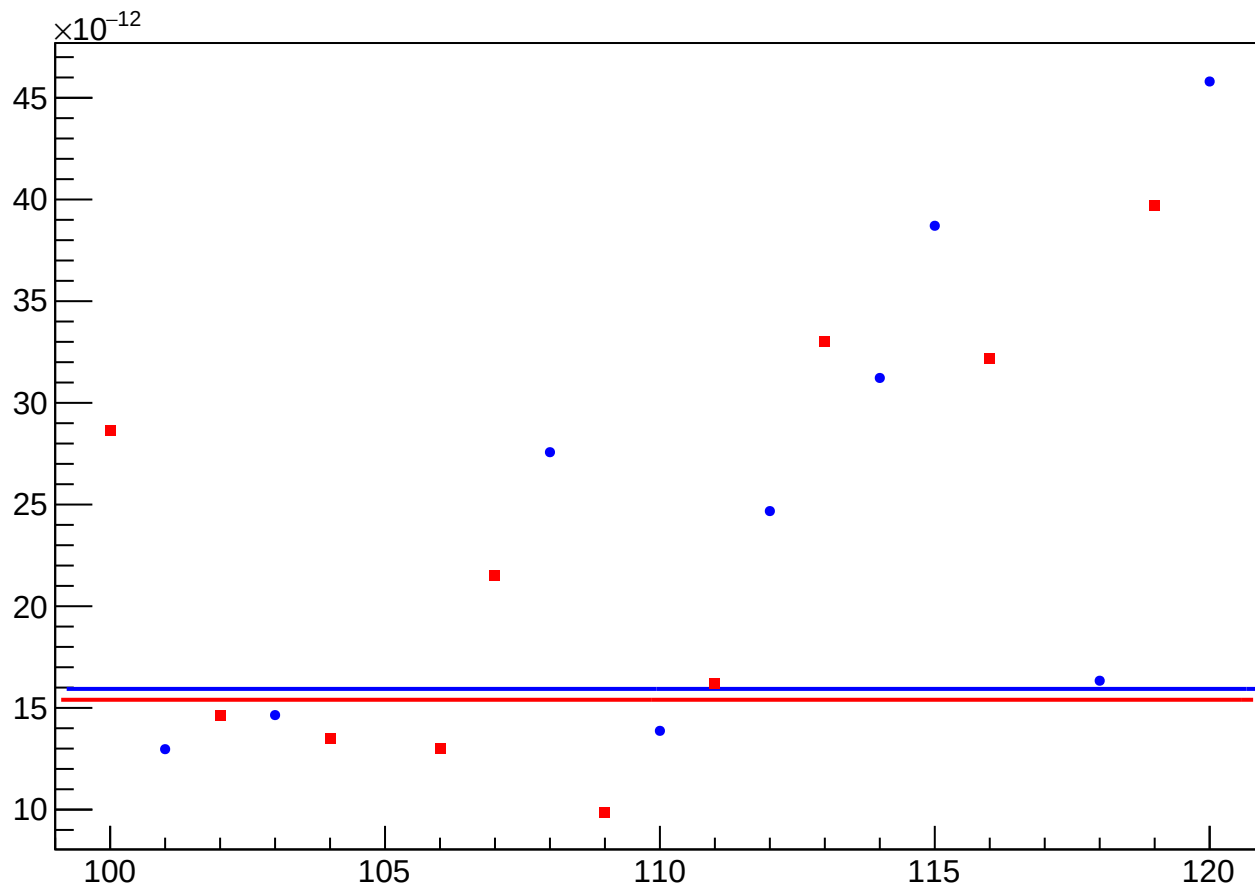
Right: 0.000+/-0.000 χ^2/NDF : 25.0/18

In: 0.000+/-0.000 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.0/18

asym_sam8_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 343378.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 467402.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

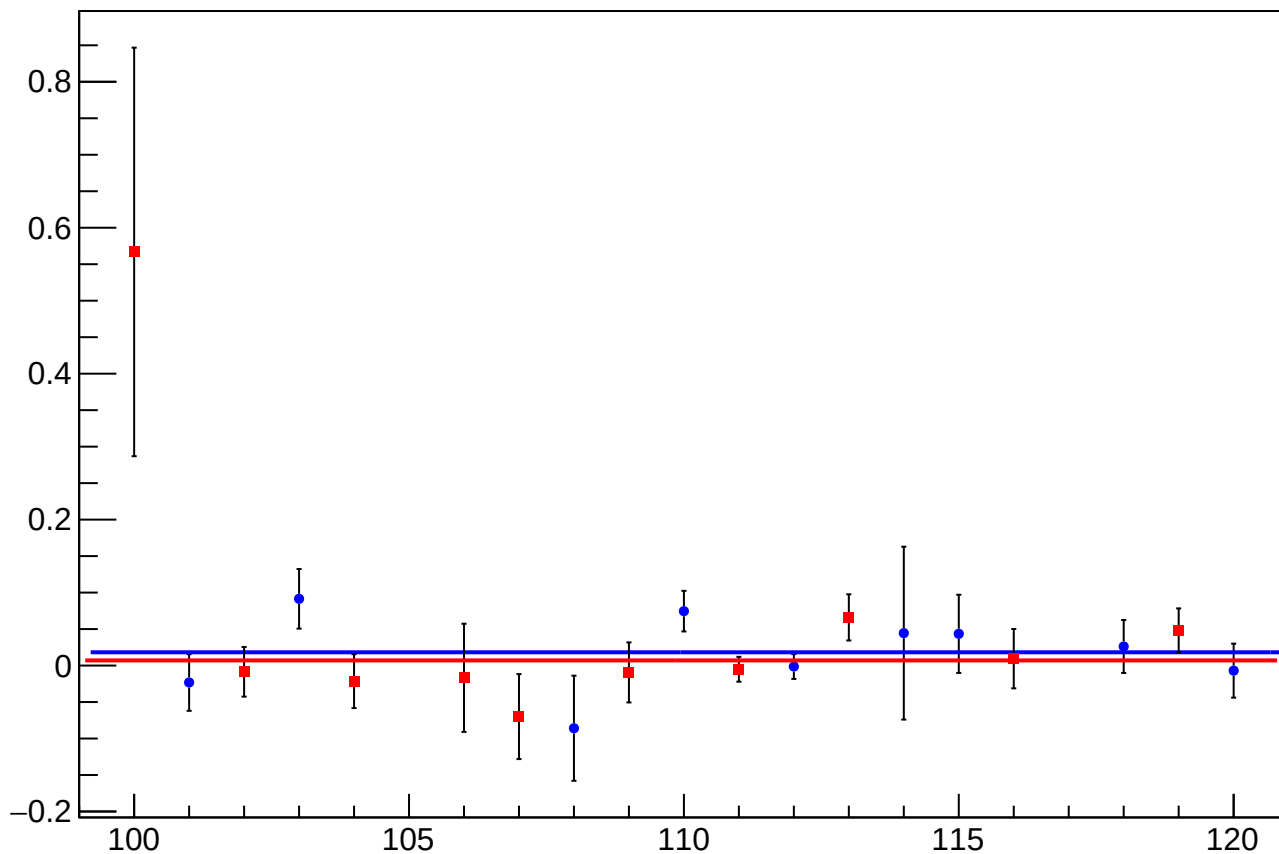
Right: 0.000+/-0.000 χ^2/NDF : 812414.3/18

In: 0.000+/-0.000 χ^2/NDF : 343378.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 812414.3/18

asym_sam8_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.011 χ^2/NDF : 12.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.011 χ^2/NDF : 12.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

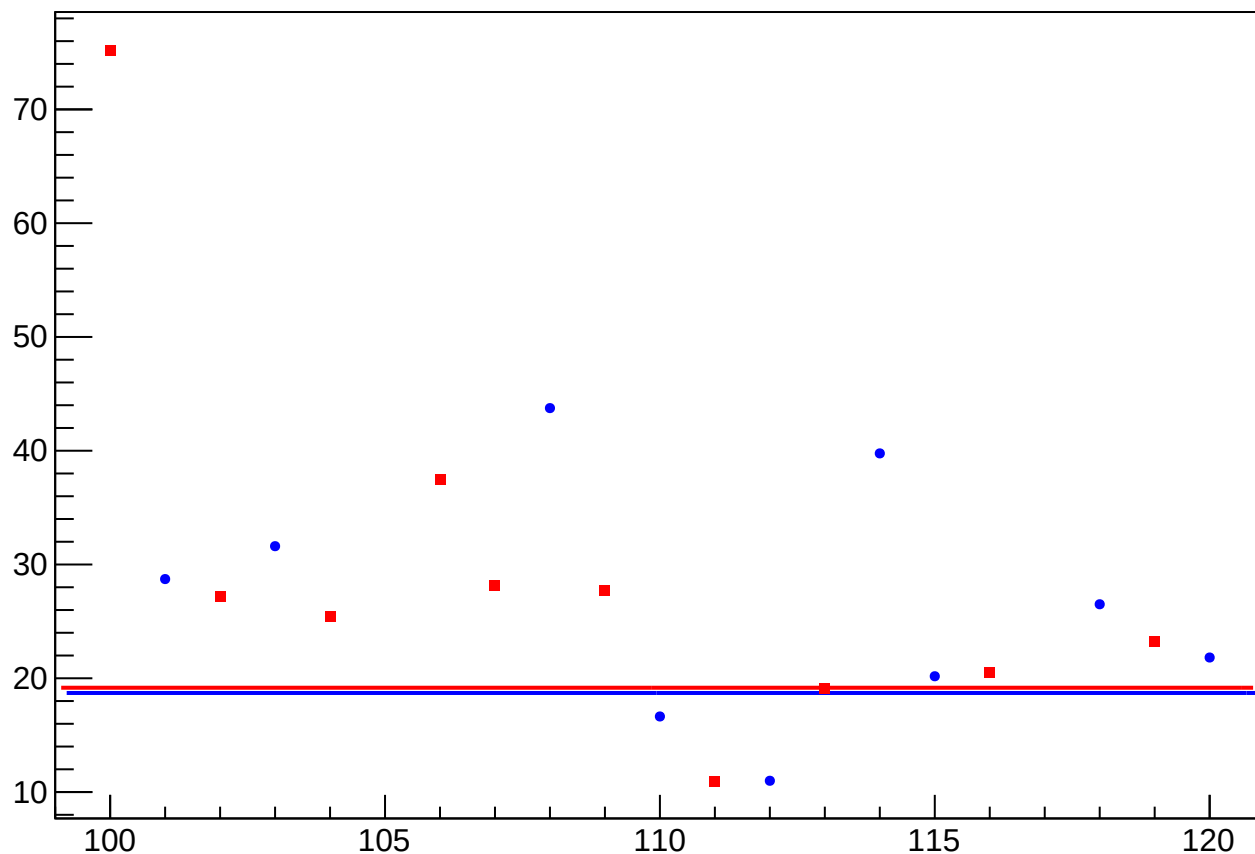
Right: 0.012+/-0.008 χ^2/NDF : 25.8/18

In: 0.018+/-0.011 χ^2/NDF :12.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.008 χ^2/NDF : 25.8/18

asym_sam8_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.709+/-0.008 χ^2/NDF : 1169115.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.170+/-0.008 χ^2/NDF : 1011754.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

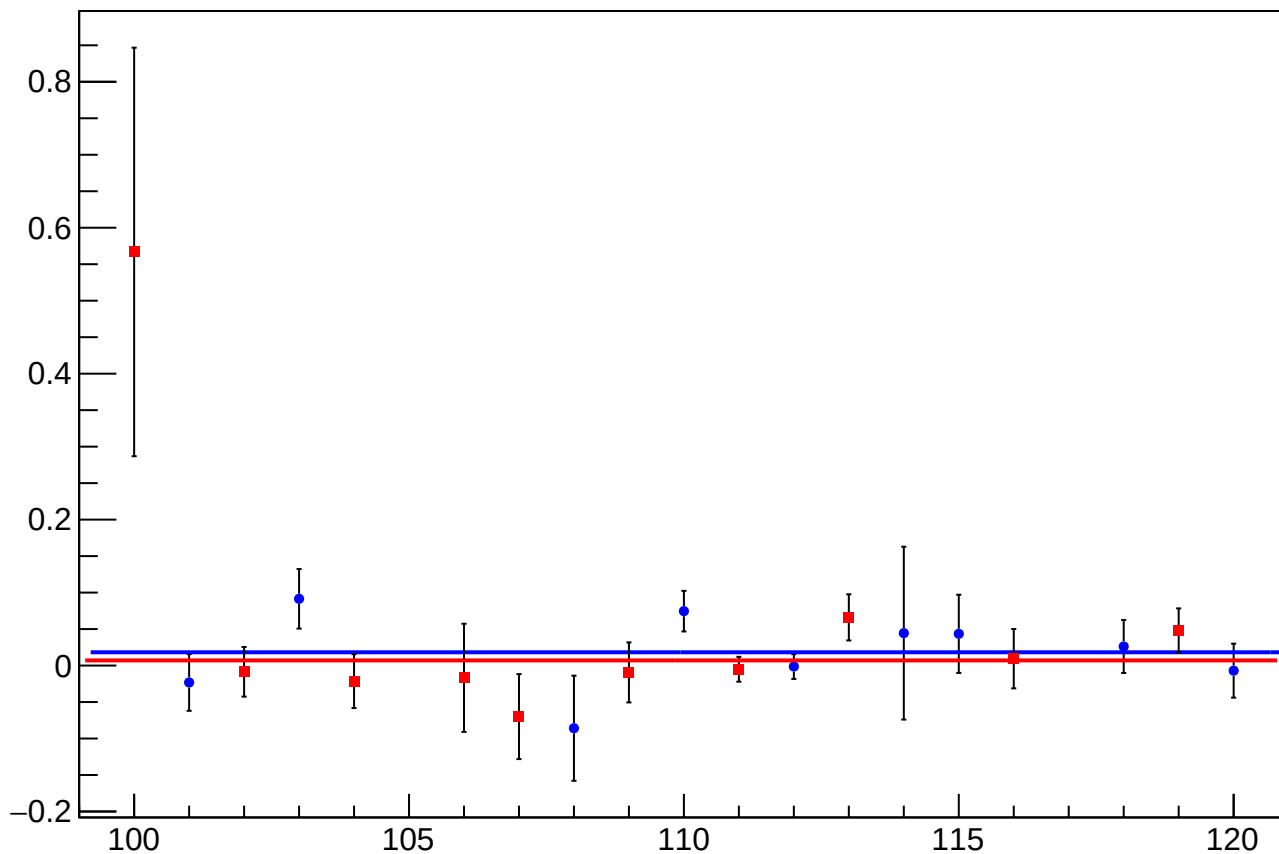
Right: 18.949+/-0.005 χ^2/NDF : 2182666.6/18

In: 18.709+/-0.008 χ^2/NDF : 1169115.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.949+/-0.005 χ^2/NDF : 2182666.6/18

asym_sam8_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.011 χ^2/NDF : 12.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.011 χ^2/NDF : 12.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

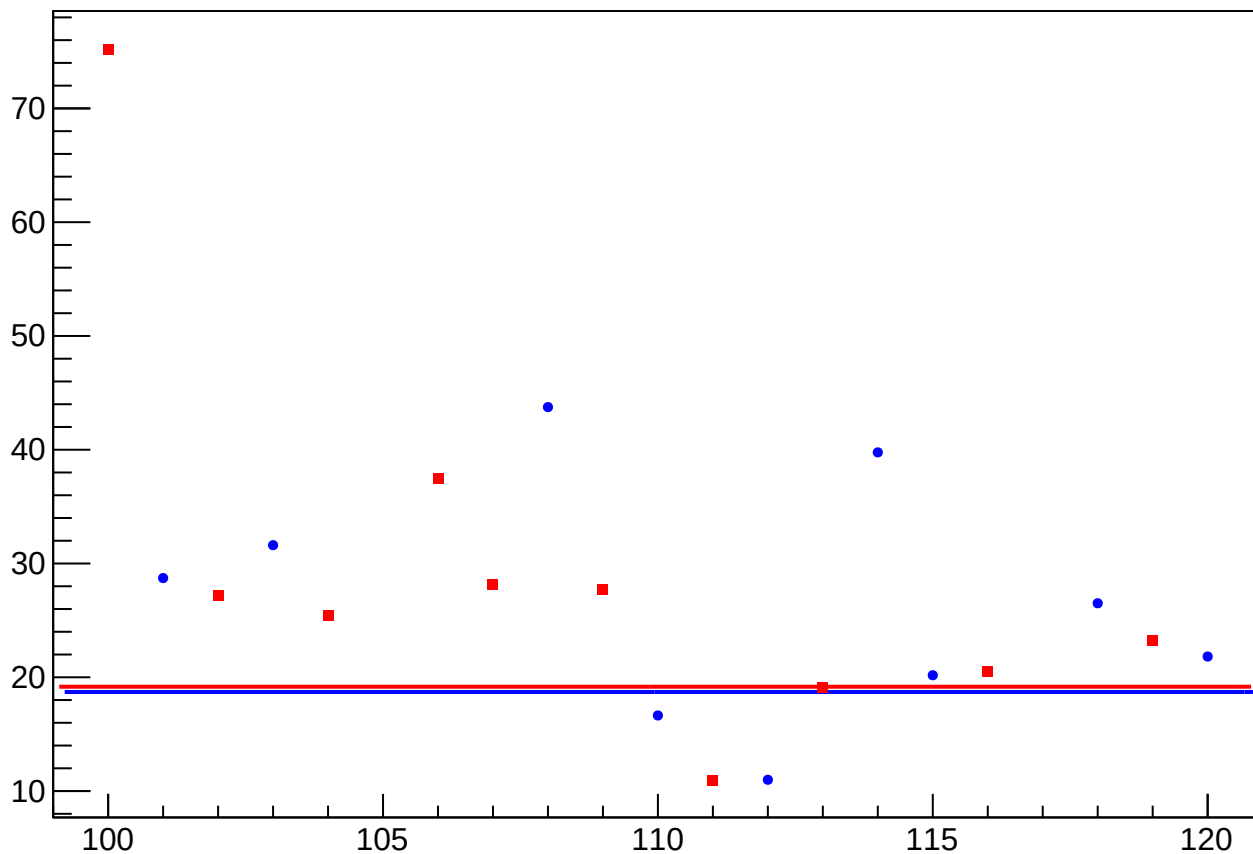
Right: 0.012+/-0.008 χ^2/NDF : 25.8/18

In: 0.018+/-0.011 χ^2/NDF : 12.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.008 χ^2/NDF : 25.8/18

asym_sam8_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.709+/-0.008 χ^2/NDF : 1169115.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.170+/-0.008 χ^2/NDF : 1011754.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

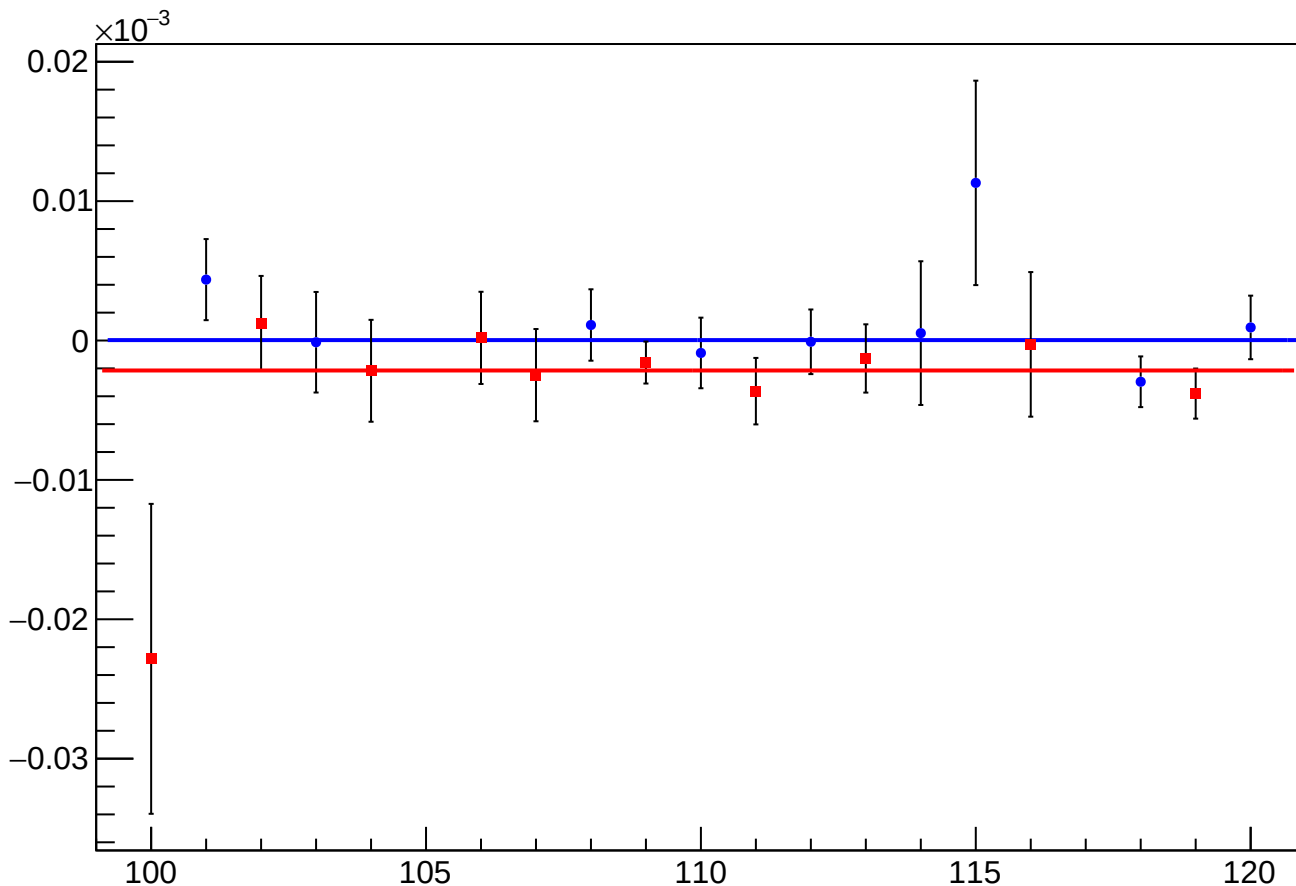
Right: 18.949+/-0.005 χ^2/NDF : 2182666.6/18

In: 18.709+/-0.008 χ^2/NDF : 1169115.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.949+/-0.005 χ^2/NDF : 2182666.6/18

asym_sam8_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

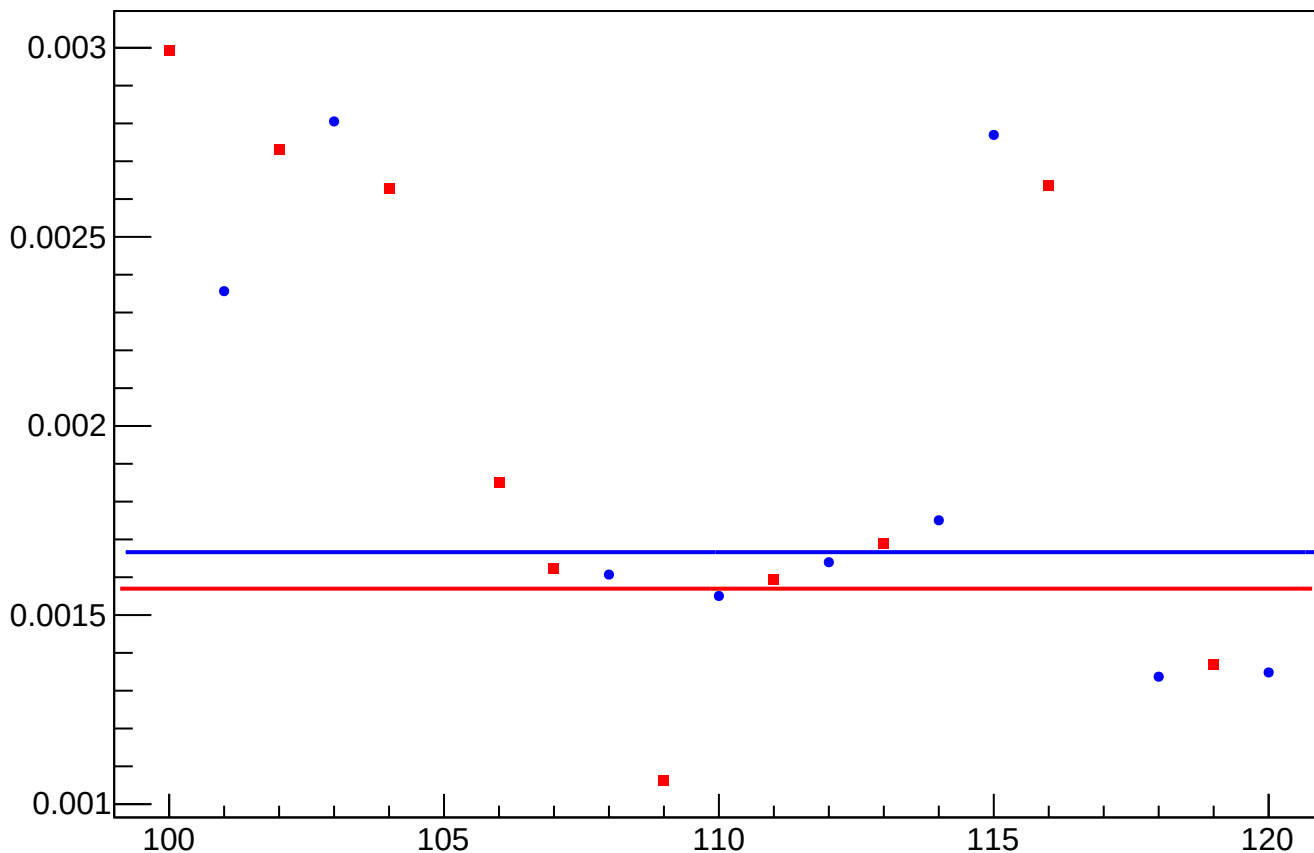
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 17.6/18

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 17.6/18

asym_sam8_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 467657.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 790977.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

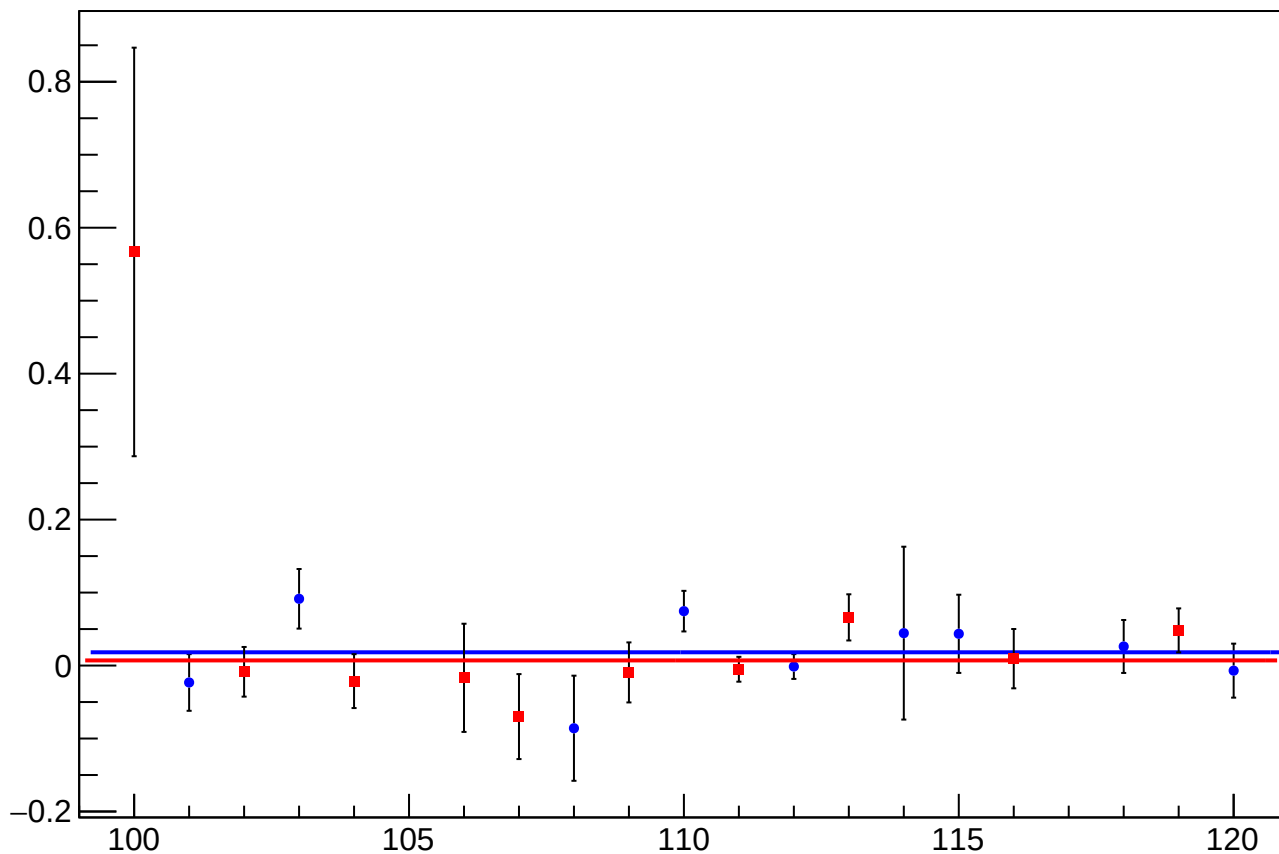
Right: 0.002+/-0.000 χ^2/NDF : 1271223.7/18

In: 0.002+/-0.000 χ^2/NDF :467657.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1271223.7/18

asym_sam8_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.011 χ^2/NDF : 12.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.011 χ^2/NDF : 12.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

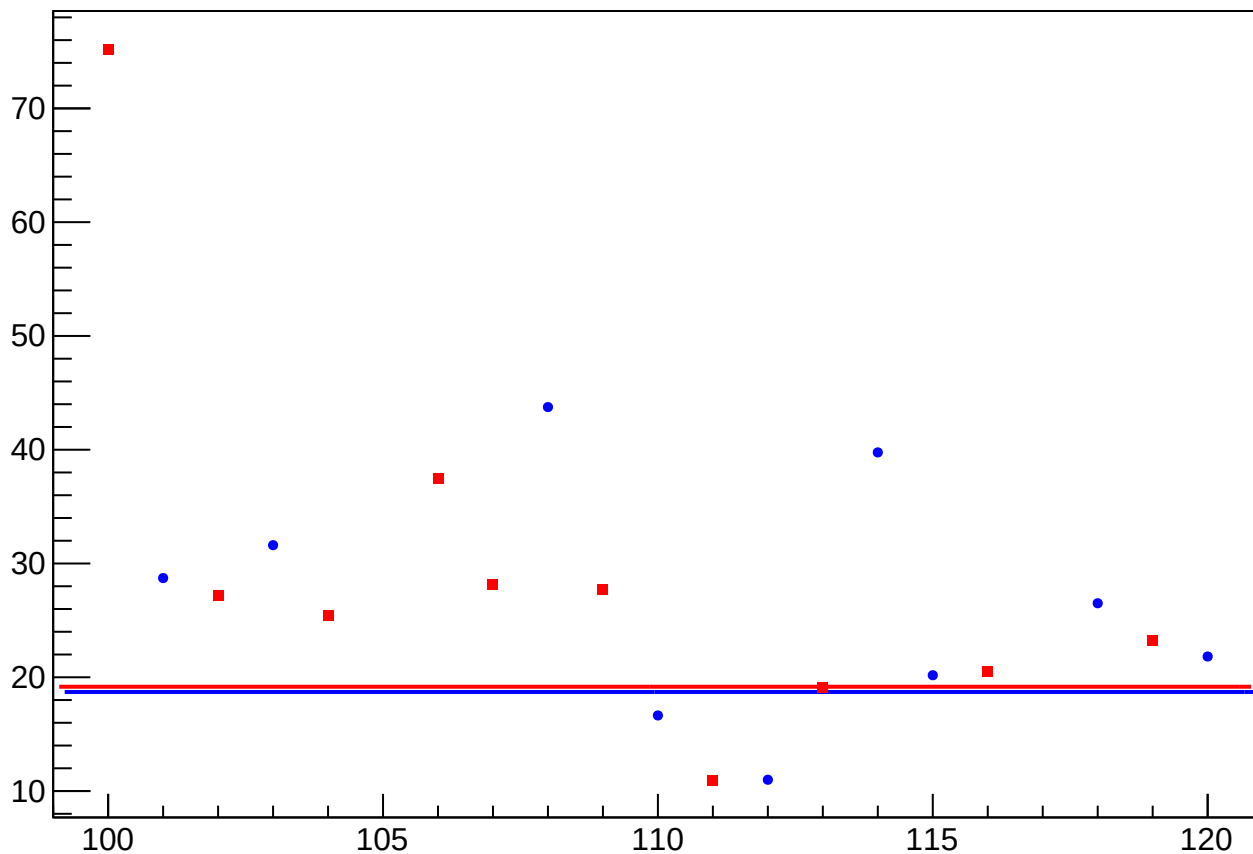
Right: 0.012+/-0.008 χ^2/NDF : 25.8/18

In: 0.018+/-0.011 χ^2/NDF : 12.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.008 χ^2/NDF : 25.8/18

asym_sam8_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.708+/-0.008 χ^2/NDF : 1169237.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.169+/-0.008 χ^2/NDF : 1011881.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

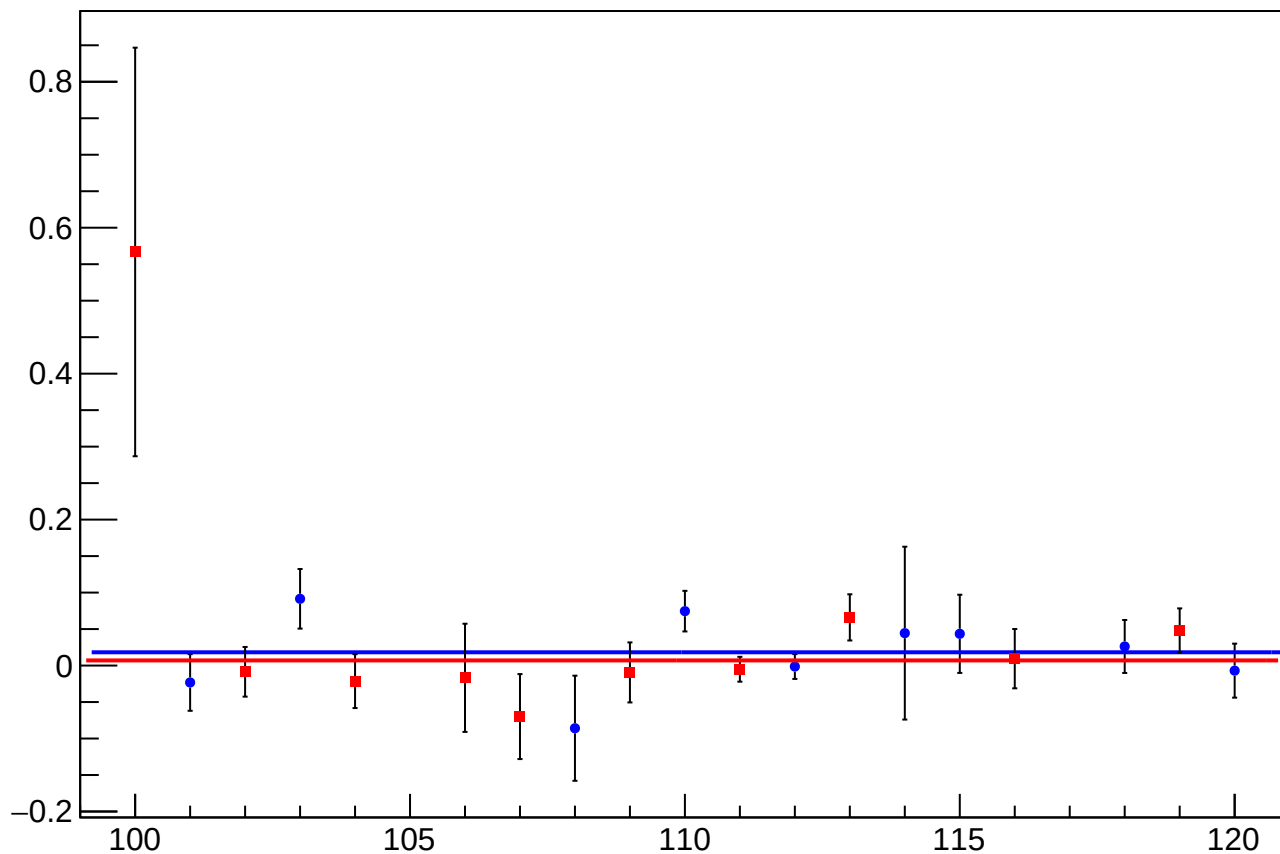
Right: 18.948+/-0.005 χ^2/NDF : 2182917.0/18

In: 18.708+/-0.008 χ^2/NDF : 1169237.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.948+/-0.005 χ^2/NDF : 2182917.0/18

asym_sam8_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.011 χ^2/NDF : 12.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.011 χ^2/NDF : 12.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

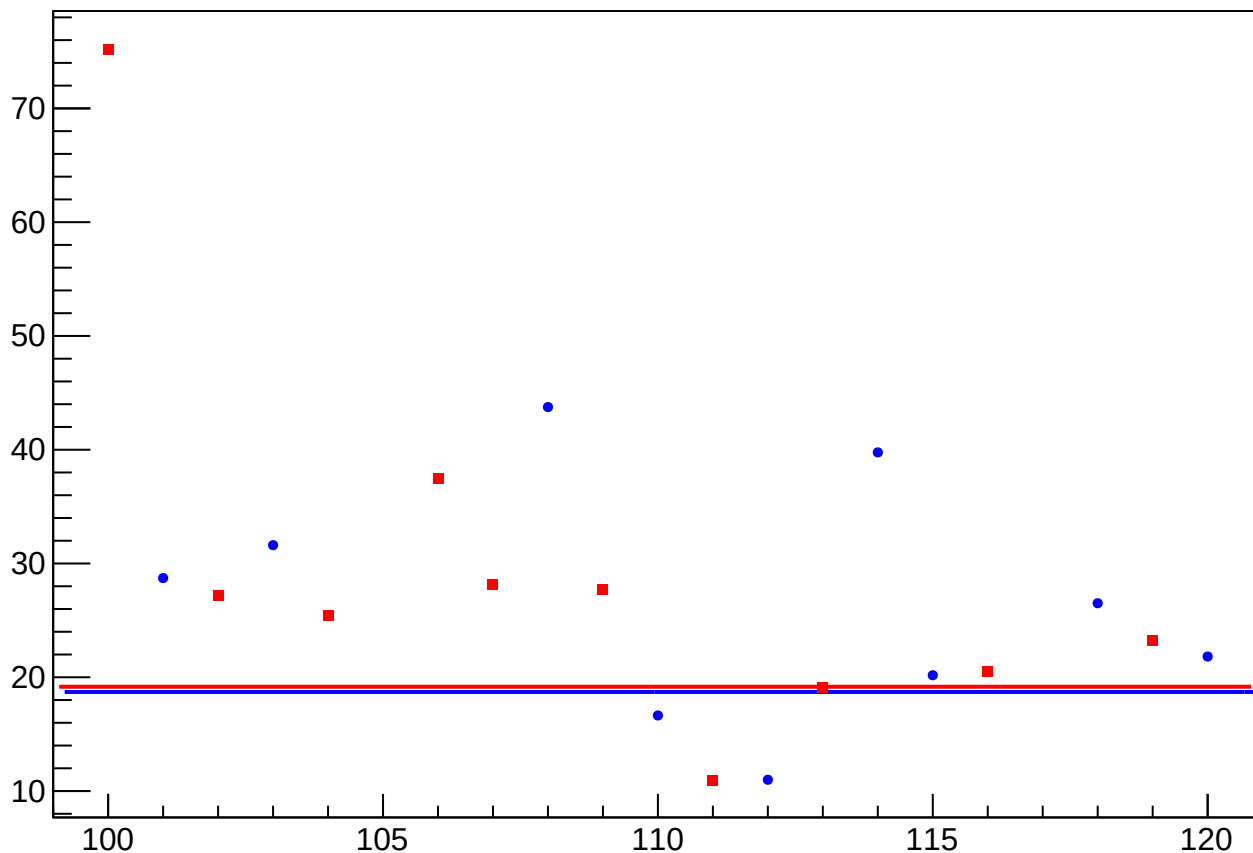
Right: 0.012+/-0.008 χ^2/NDF : 25.8/18

In: 0.018+/-0.011 χ^2/NDF : 12.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.008 χ^2/NDF : 25.8/18

asym_sam8_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.708+/-0.008 χ^2/NDF : 1169237.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.169+/-0.008 χ^2/NDF : 1011881.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

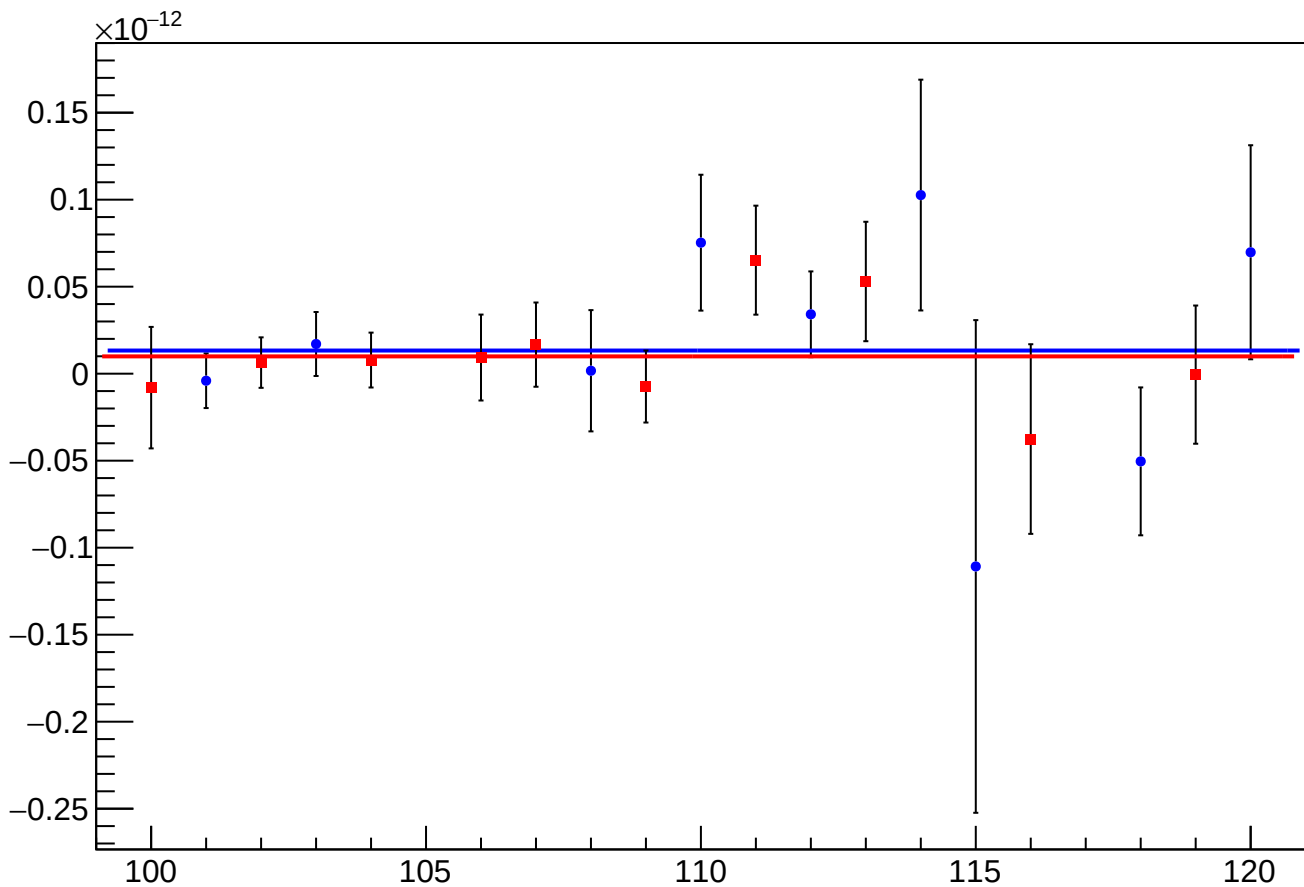
Right: 18.948+/-0.005 χ^2/NDF : 2182917.0/18

In: 18.708+/-0.008 χ^2/NDF : 1169237.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.948+/-0.005 χ^2/NDF : 2182917.0/18

asym_sam8_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

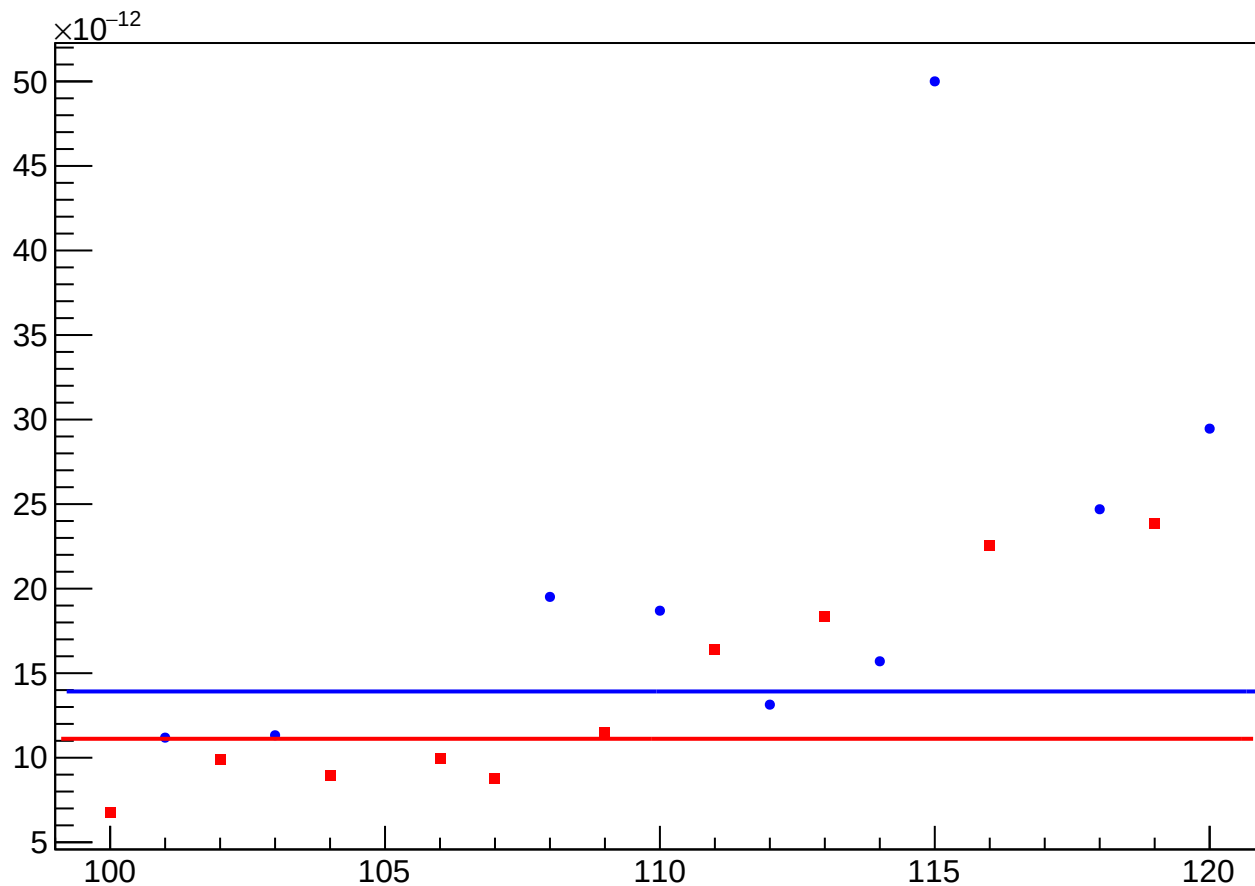
Right: 0.000+/-0.000 χ^2/NDF : 17.0/18

In: 0.000+/-0.000 χ^2/NDF : 10.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.0/18

asym_sam8_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 571368.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 547330.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

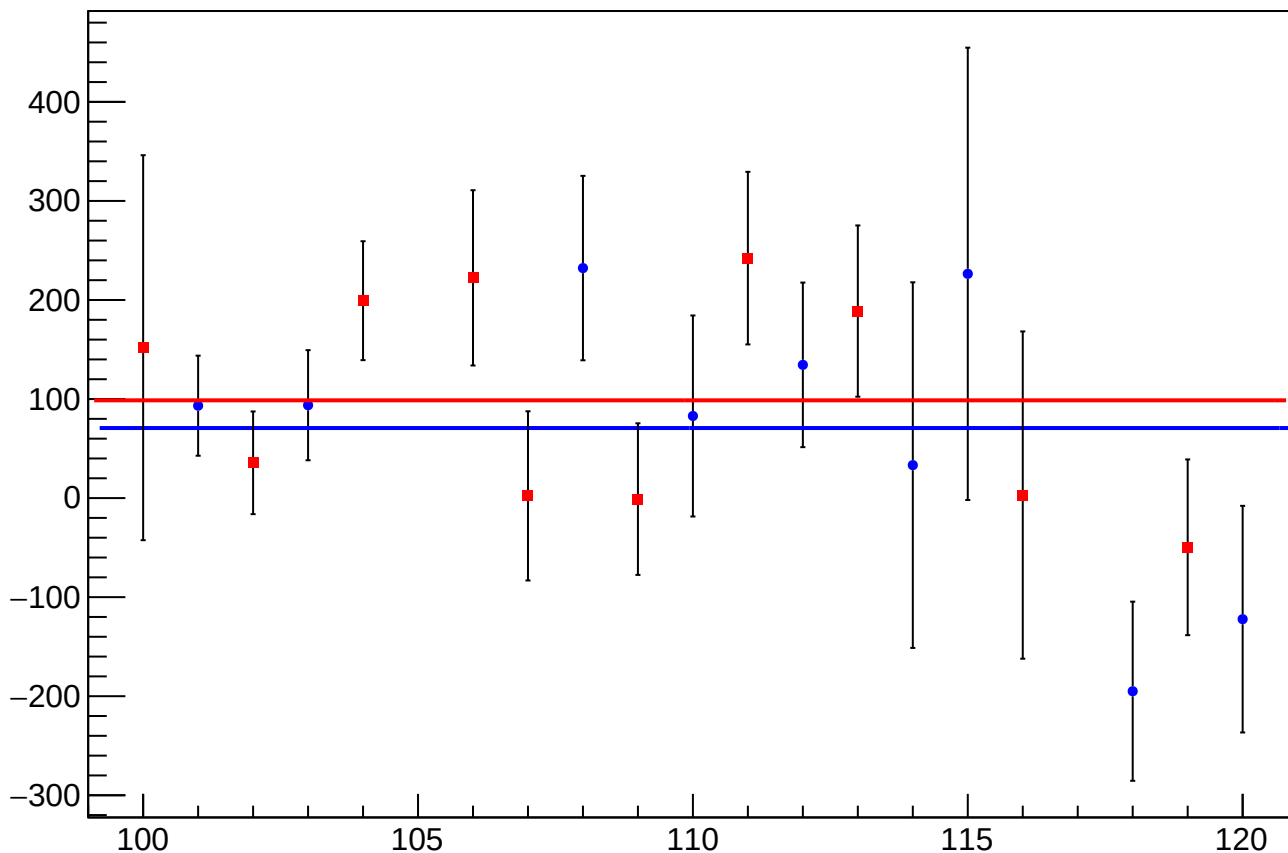
Right: 0.000+/-0.000 χ^2/NDF : 1227399.7/18

In: 0.000+/-0.000 χ^2/NDF : 571368.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1227399.7/18

reg_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 70.733+/-27.523 χ^2/NDF : 16.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.701+/-25.474 χ^2/NDF : 16.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

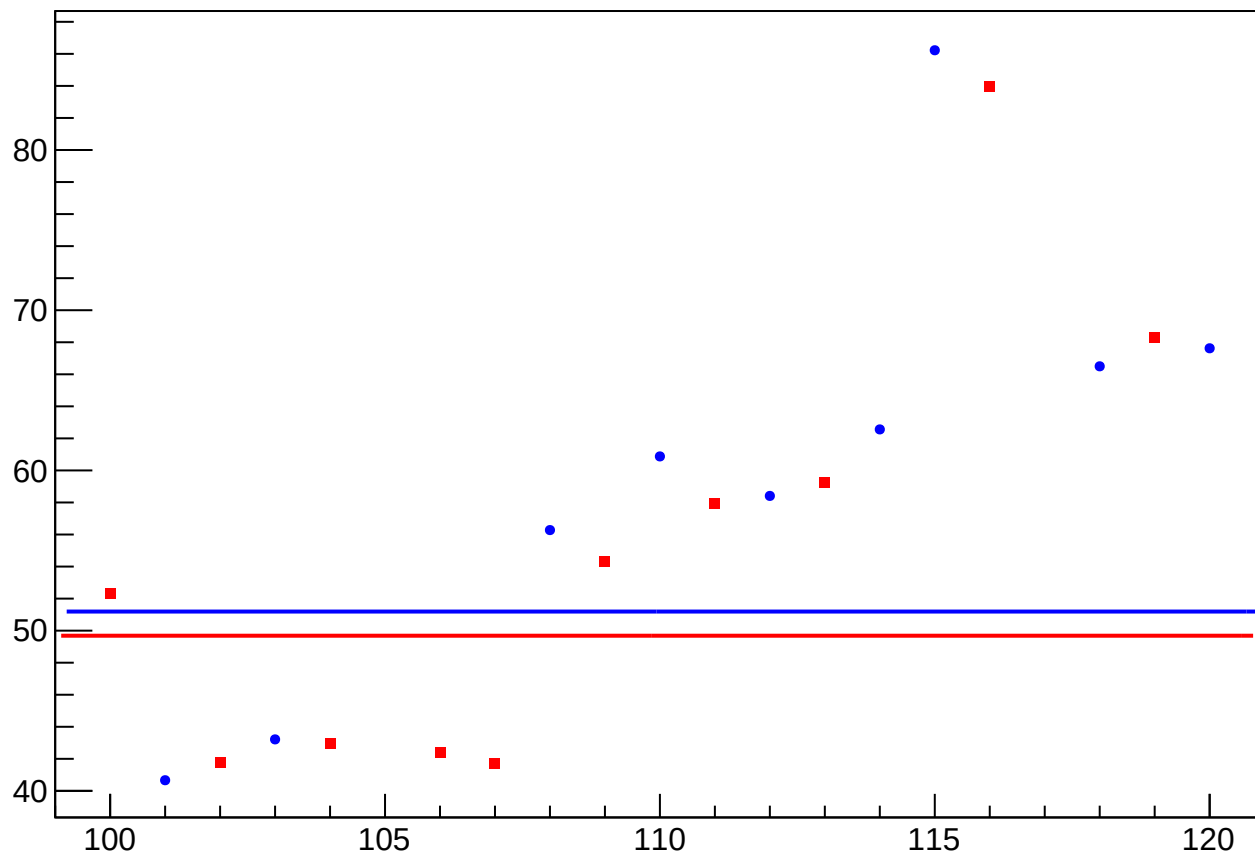
Right: 85.797+/-18.695 χ^2/NDF : 32.7/18

In: 70.733+/-27.523 χ^2/NDF : 16.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.797+/-18.695 χ^2/NDF : 32.7/18

reg_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 51.192+/-0.019 χ^2/NDF : 320574.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.684+/-0.018 χ^2/NDF : 327062.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

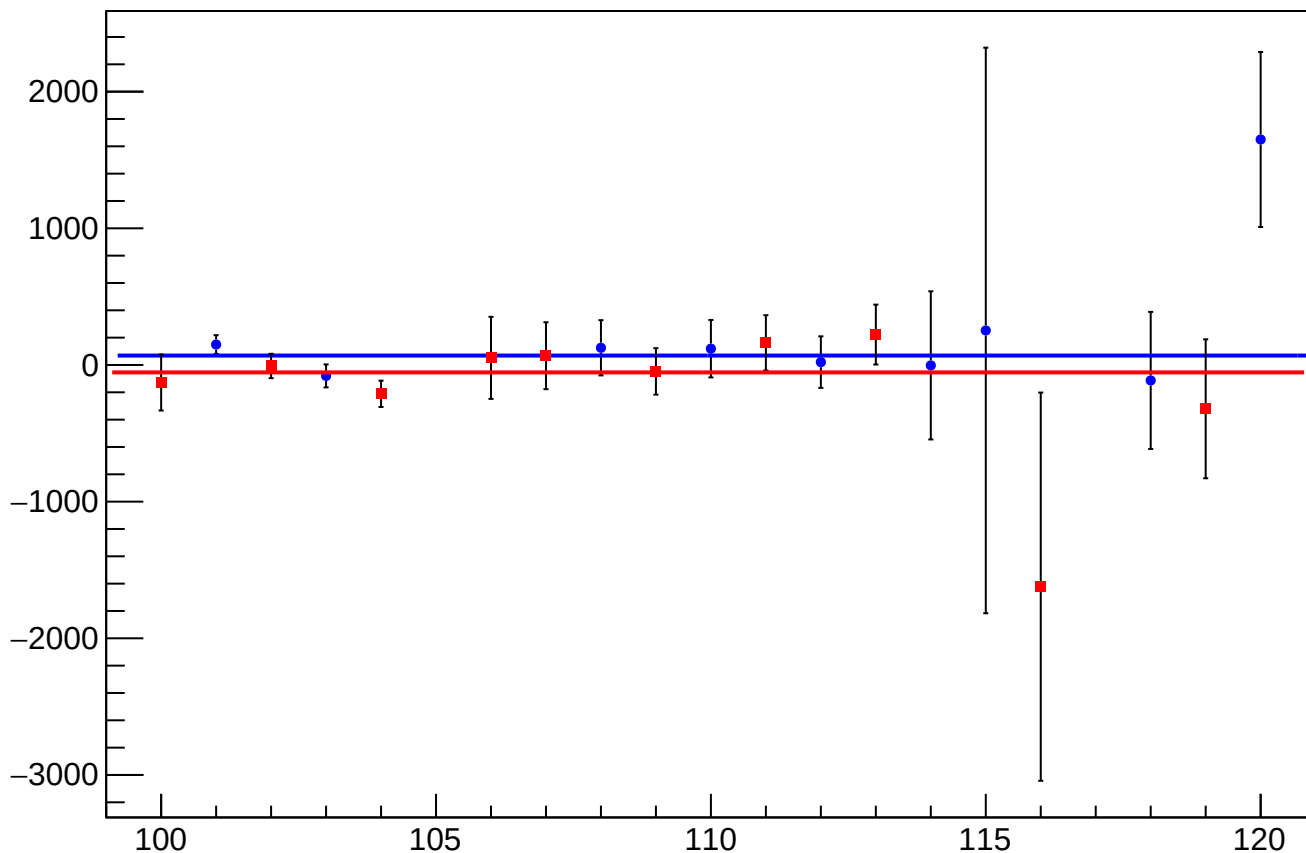
Right: 50.380+/-0.013 χ^2/NDF : 650872.5/18

In: 51.192+/-0.019 χ^2/NDF : 320574.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.380+/-0.013 χ^2/NDF : 650872.5/18

asym_sam_15_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 68.977+/-47.760 χ^2/NDF : 11.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -54.357+/-52.024 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

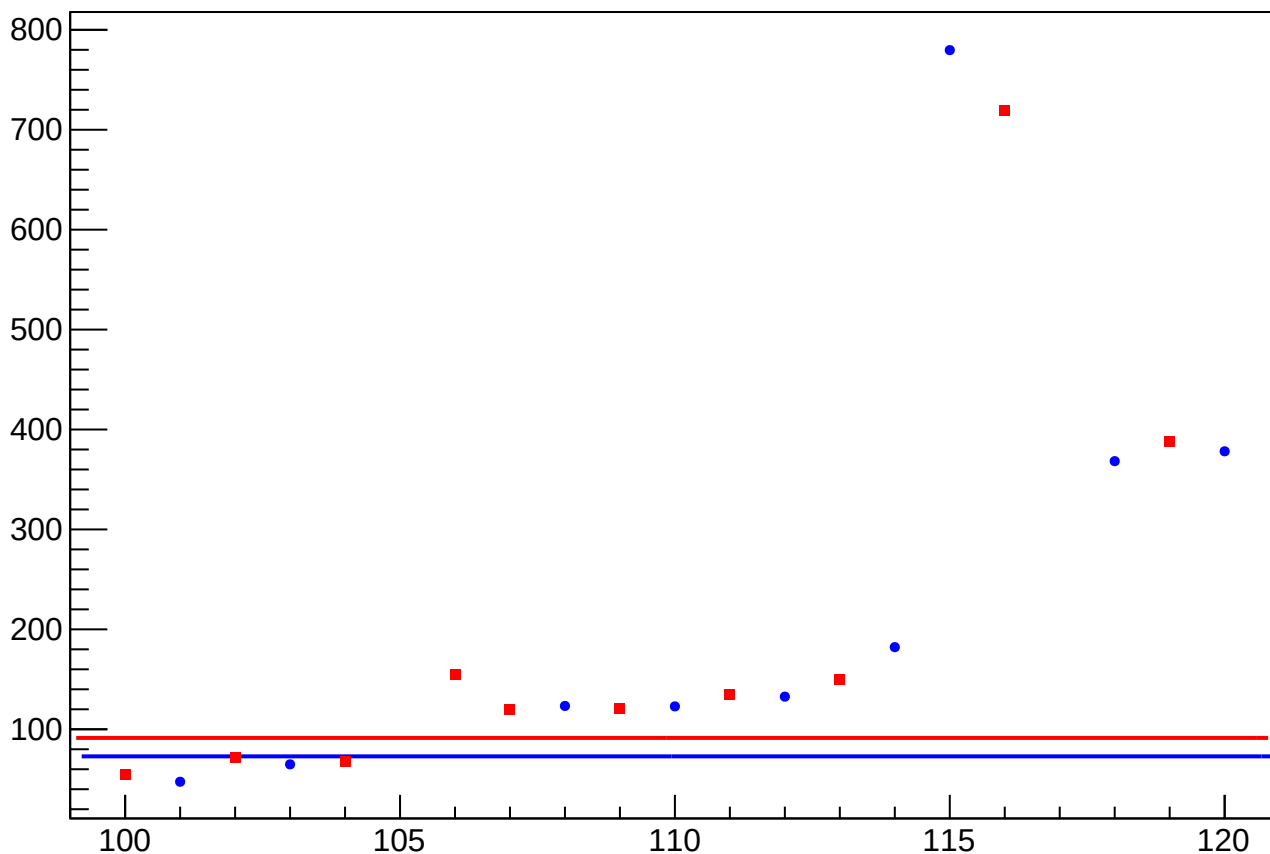
Right: 12.571+/-35.183 χ^2/NDF : 21.7/18

In: 68.977+/-47.760 χ^2/NDF : 11.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.571+/-35.183 χ^2/NDF : 21.7/18

asym_sam_15_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 72.895+/-0.034 χ^2/NDF : 2193293.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.350+/-0.037 χ^2/NDF : 1773327.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

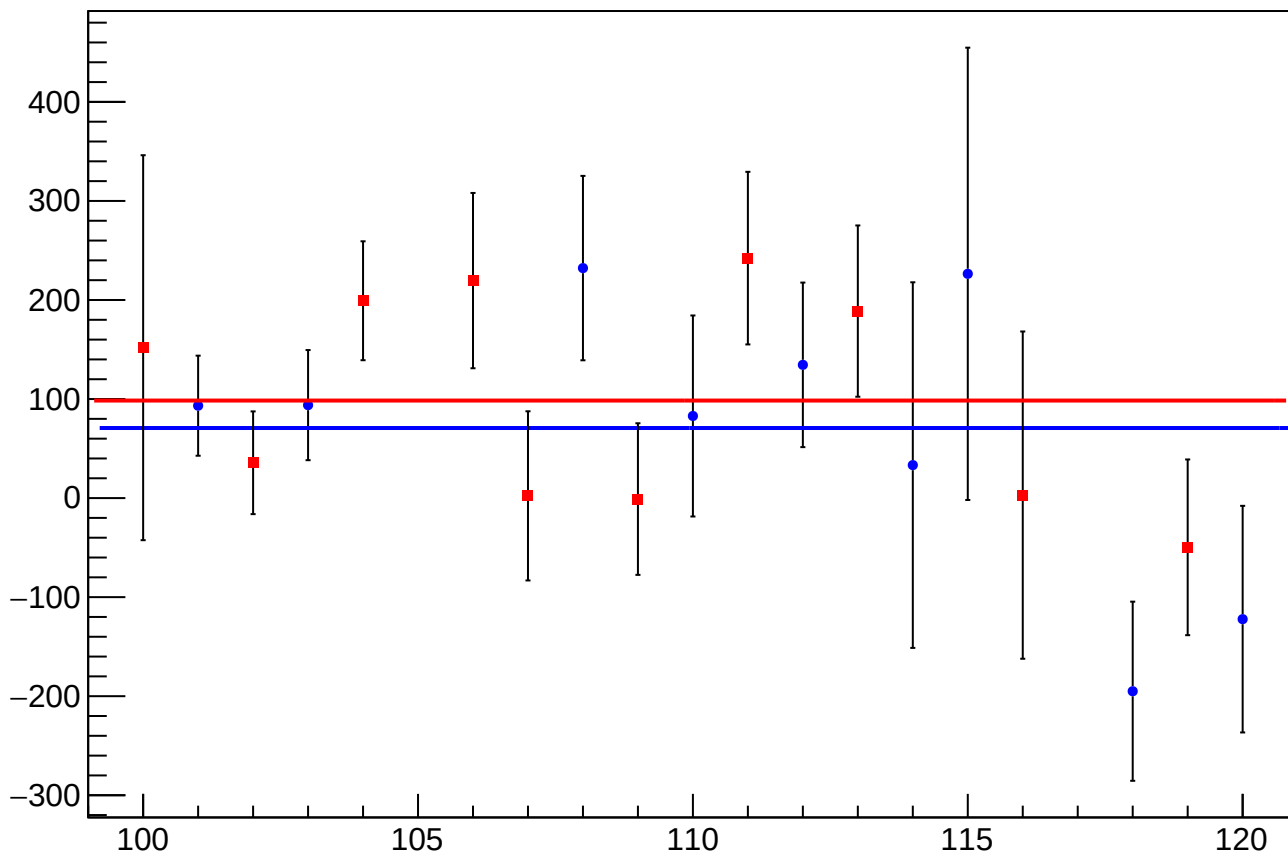
Right: 81.335+/-0.025 χ^2/NDF : 4103198.9/18

In: 72.895+/-0.034 χ^2/NDF : 2193293.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.335+/-0.025 χ^2/NDF : 4103198.9/18

cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 70.755+/-27.523 χ^2/NDF : 16.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.477+/-25.476 χ^2/NDF : 16.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

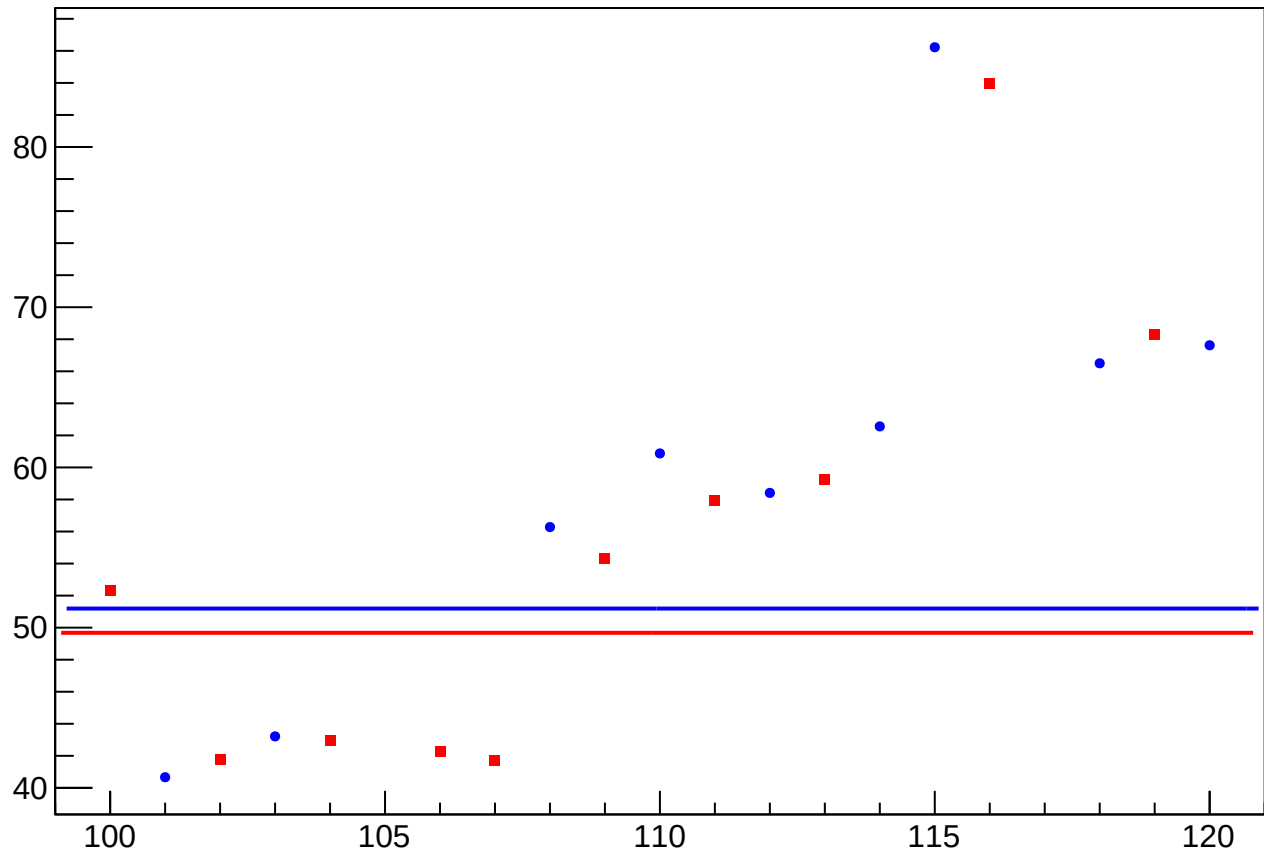
Right: 85.685+/-18.696 χ^2/NDF : 32.6/18

In: 70.755+/-27.523 χ^2/NDF : 16.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.685+/-18.696 χ^2/NDF : 32.6/18

cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 51.192 $\pm$ 0.019 χ^2 /NDF: 320574.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 49.680 $\pm$ 0.018 χ^2 /NDF: 327289.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

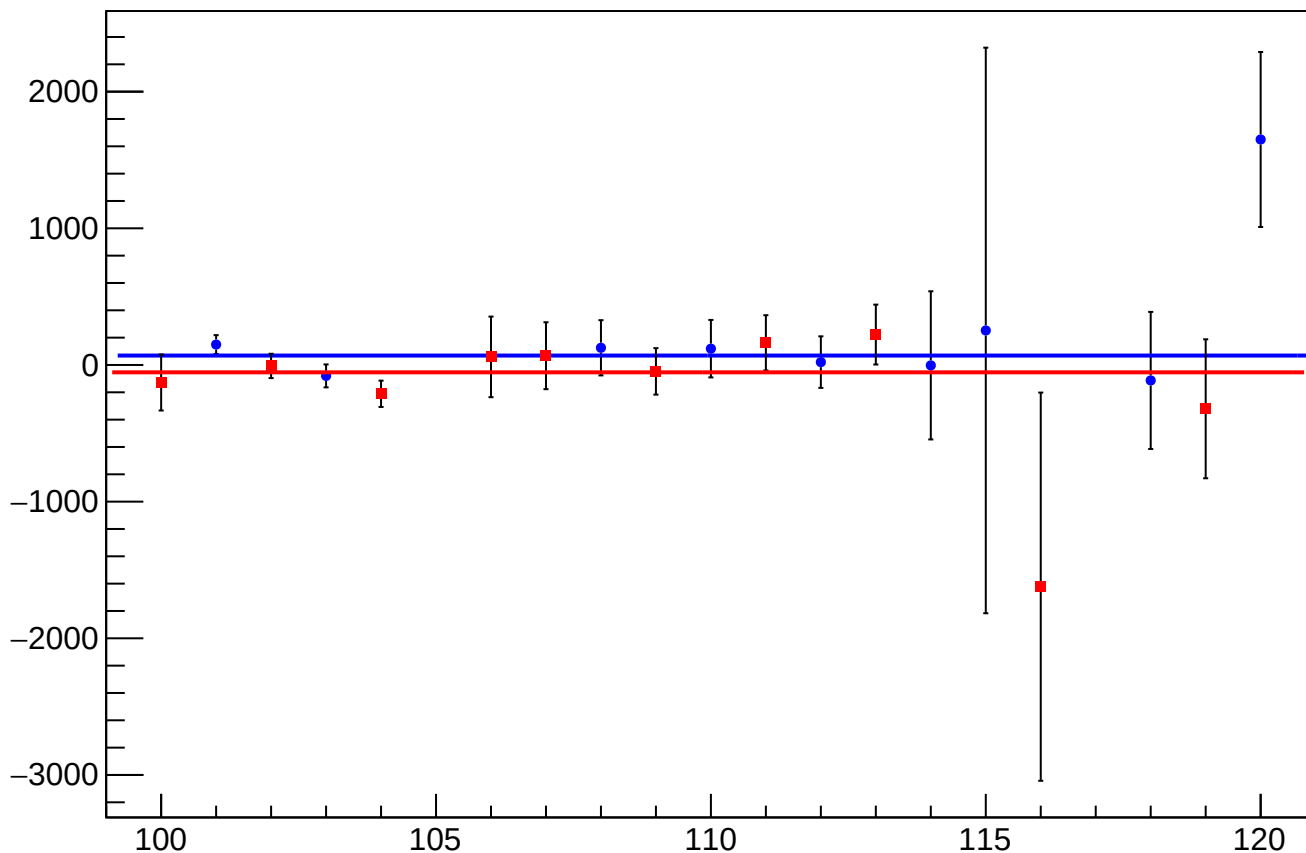
Right: 50.378 $\pm$ 0.013 χ^2 /NDF: 651117.9/18

In: 51.192 $\pm$ 0.019 χ^2 /NDF:320574.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 50.378 $\pm$ 0.013 χ^2 /NDF: 651117.9/18

asym_sam_15_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 68.980+/-47.759 χ^2/NDF : 11.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -53.834+/-51.977 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

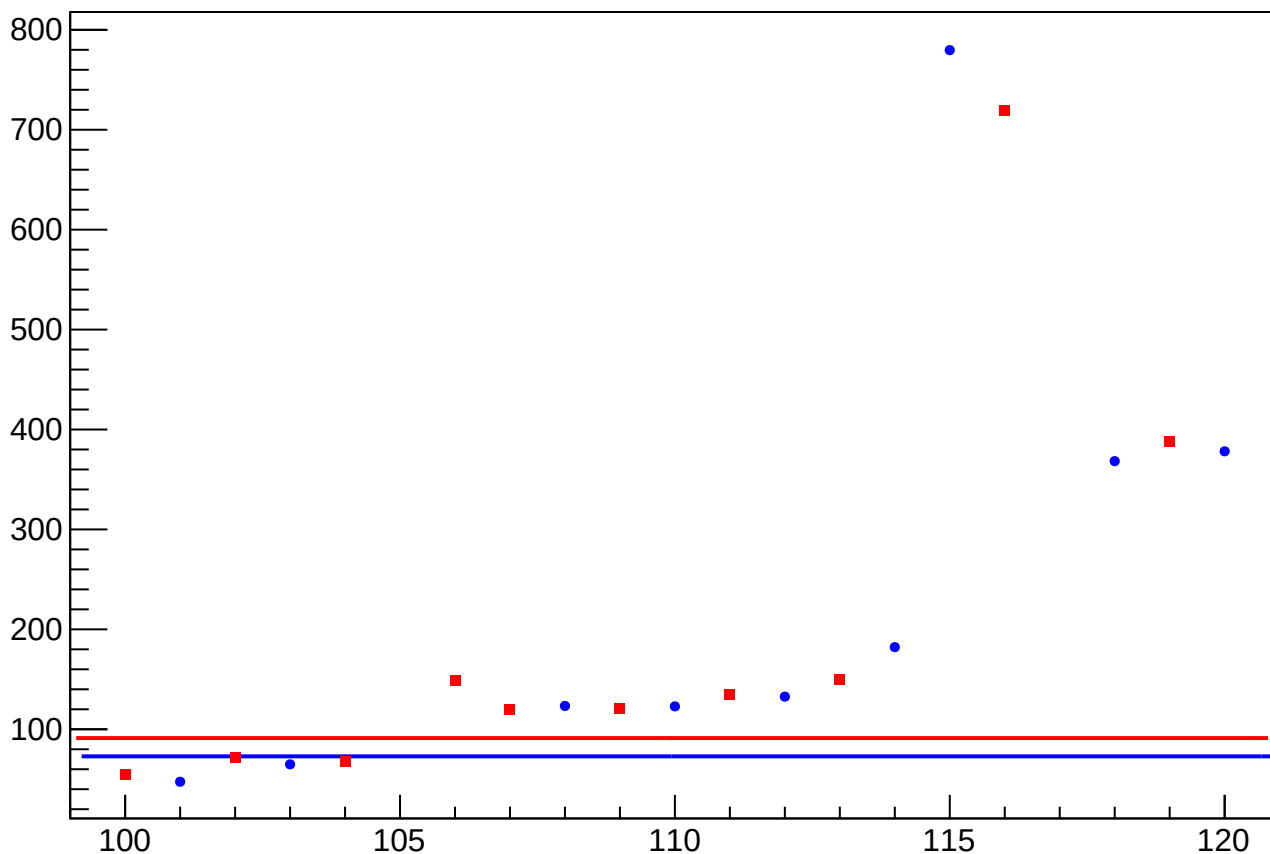
Right: 12.758+/-35.167 χ^2/NDF : 21.7/18

In: 68.980+/-47.759 χ^2/NDF : 11.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.758+/-35.167 χ^2/NDF : 21.7/18

asym_sam_15_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 72.893+/-0.034 χ^2/NDF : 2193311.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.190+/-0.037 χ^2/NDF : 1760927.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

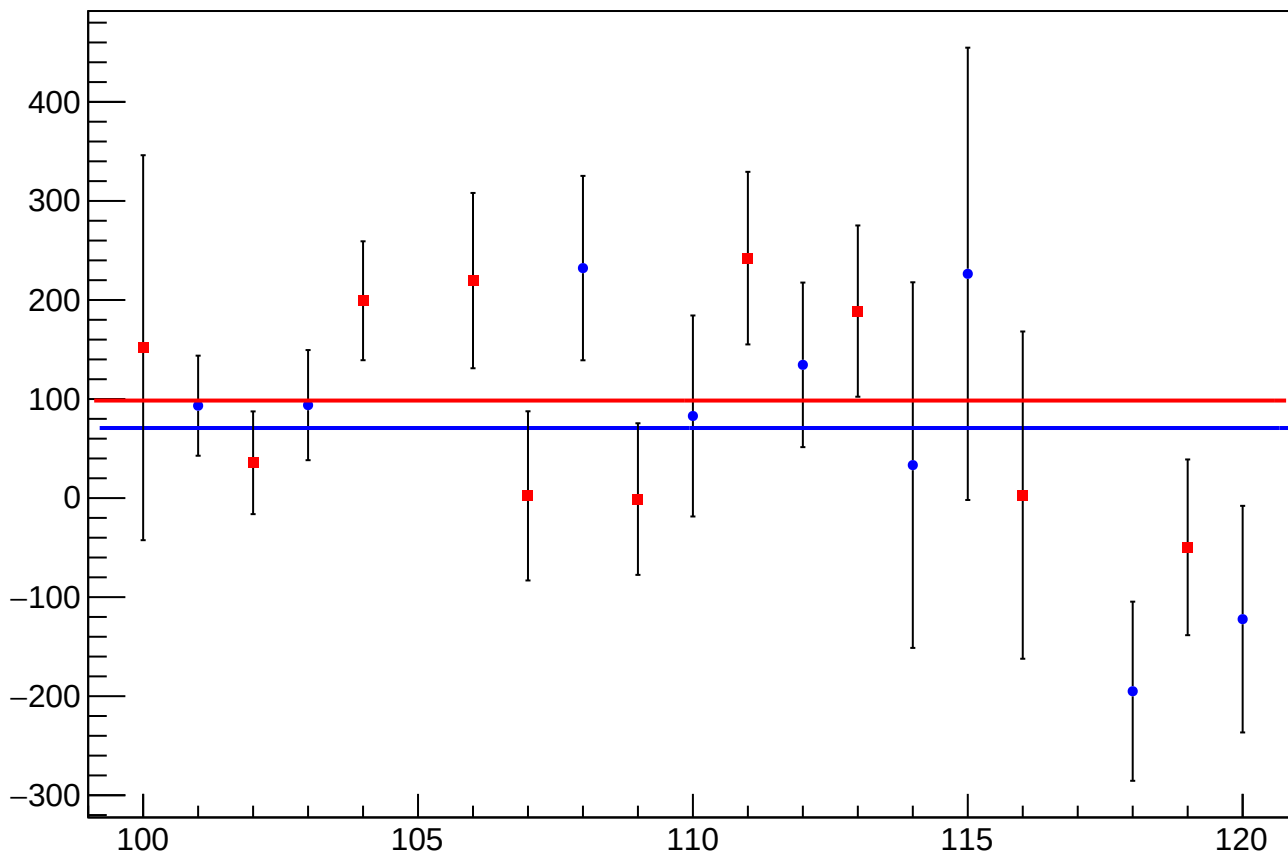
Right: 81.269+/-0.025 χ^2/NDF : 4088621.8/18

In: 72.893+/-0.034 χ^2/NDF : 2193311.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.269+/-0.025 χ^2/NDF : 4088621.8/18

eigen_cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 70.755+/-27.523 χ^2/NDF : 16.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.477+/-25.476 χ^2/NDF : 16.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

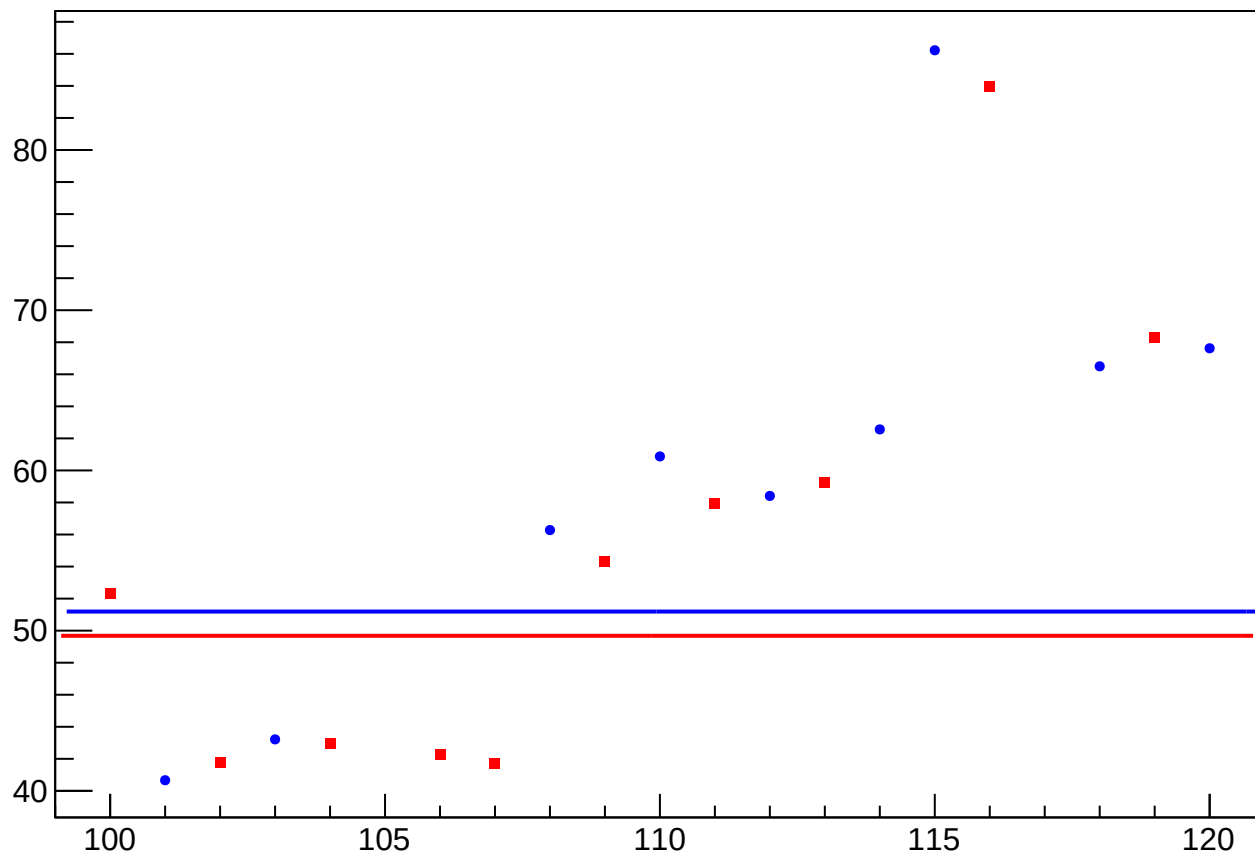
Right: 85.685+/-18.696 χ^2/NDF : 32.6/18

In: 70.755+/-27.523 χ^2/NDF : 16.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.685+/-18.696 χ^2/NDF : 32.6/18

eigen_cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 51.192 $\pm$ 0.019 χ^2 /NDF: 320574.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 49.680 $\pm$ 0.018 χ^2 /NDF: 327289.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

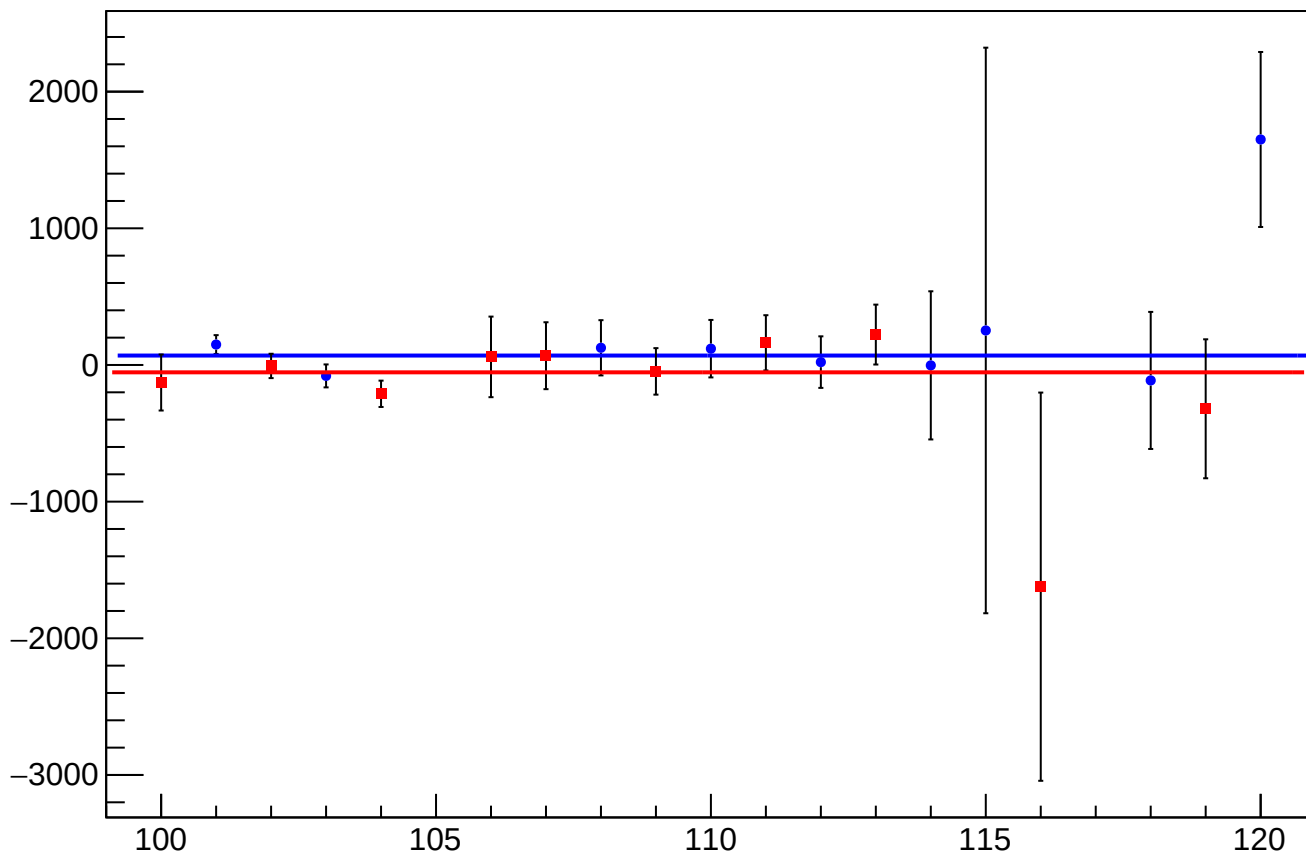
Right: 50.378 $\pm$ 0.013 χ^2 /NDF: 651117.9/18

In: 51.192 $\pm$ 0.019 χ^2 /NDF:320574.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 50.378 $\pm$ 0.013 χ^2 /NDF: 651117.9/18

asym_sam_15_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 68.980+/-47.759 χ^2/NDF : 11.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -53.834+/-51.977 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

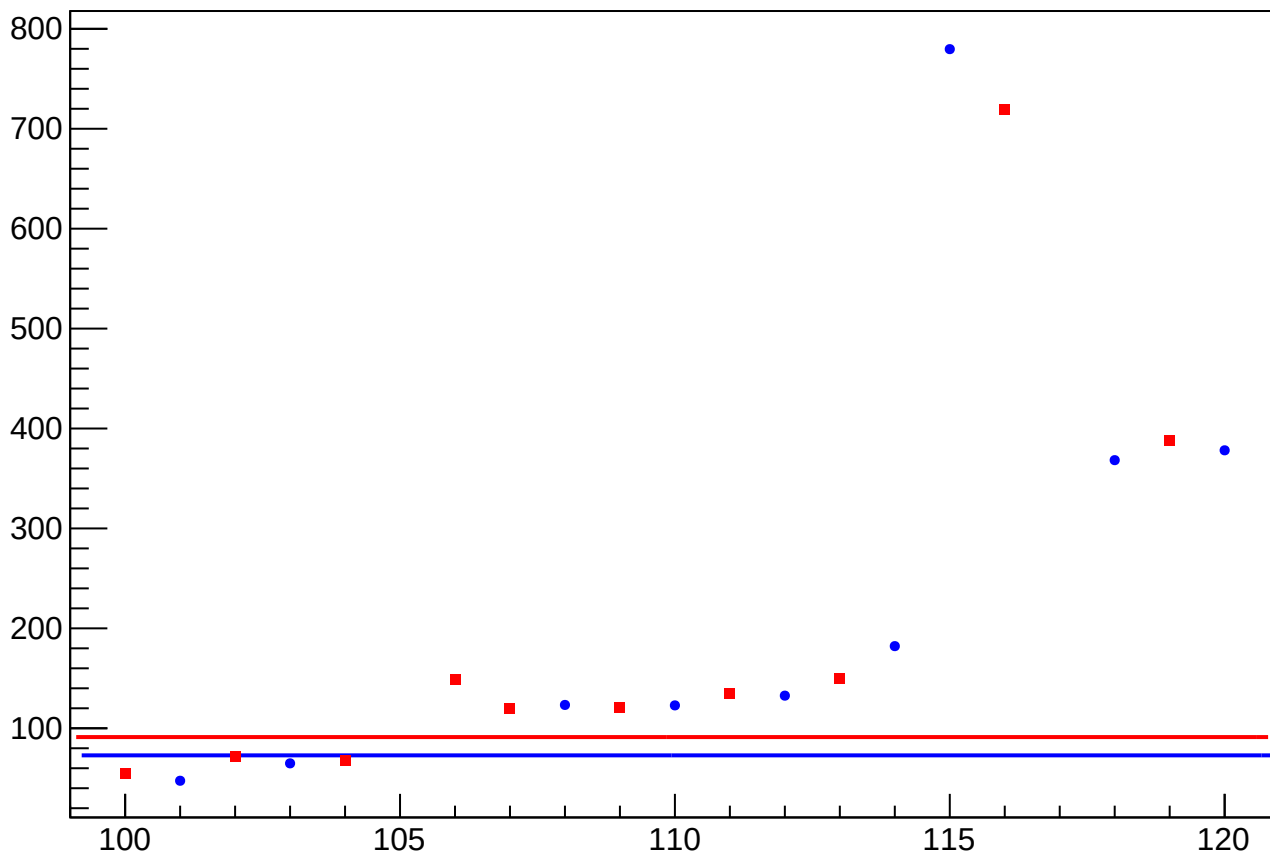
Right: 12.758+/-35.167 χ^2/NDF : 21.7/18

In: 68.980+/-47.759 χ^2/NDF : 11.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.758+/-35.167 χ^2/NDF : 21.7/18

asym_sam_15_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 72.893+/-0.034 χ^2/NDF : 2193311.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.190+/-0.037 χ^2/NDF : 1760927.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

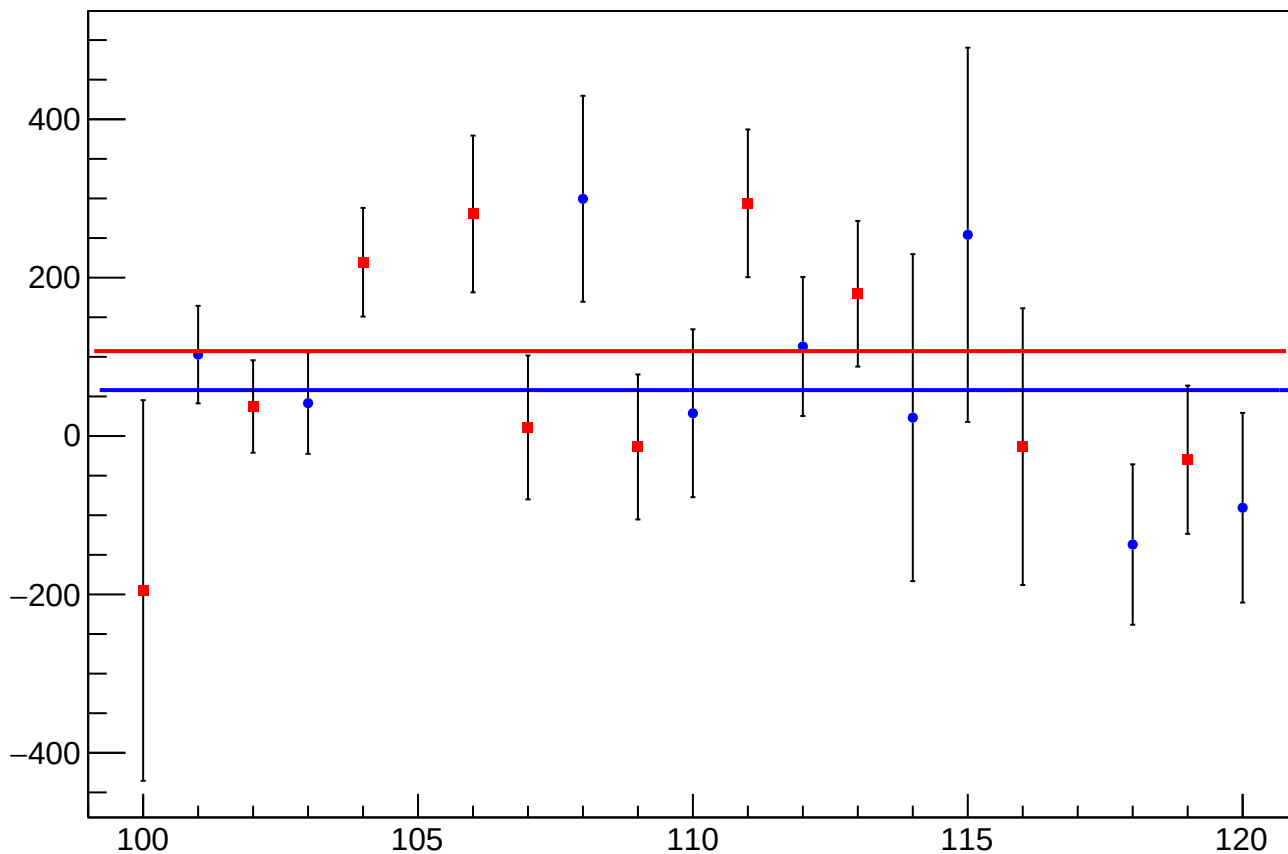
Right: 81.269+/-0.025 χ^2/NDF : 4088621.8/18

In: 72.893+/-0.034 χ^2/NDF : 2193311.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.269+/-0.025 χ^2/NDF : 4088621.8/18

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 58.006+/-31.720 χ^2/NDF : 10.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.298+/-28.331 χ^2/NDF : 18.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

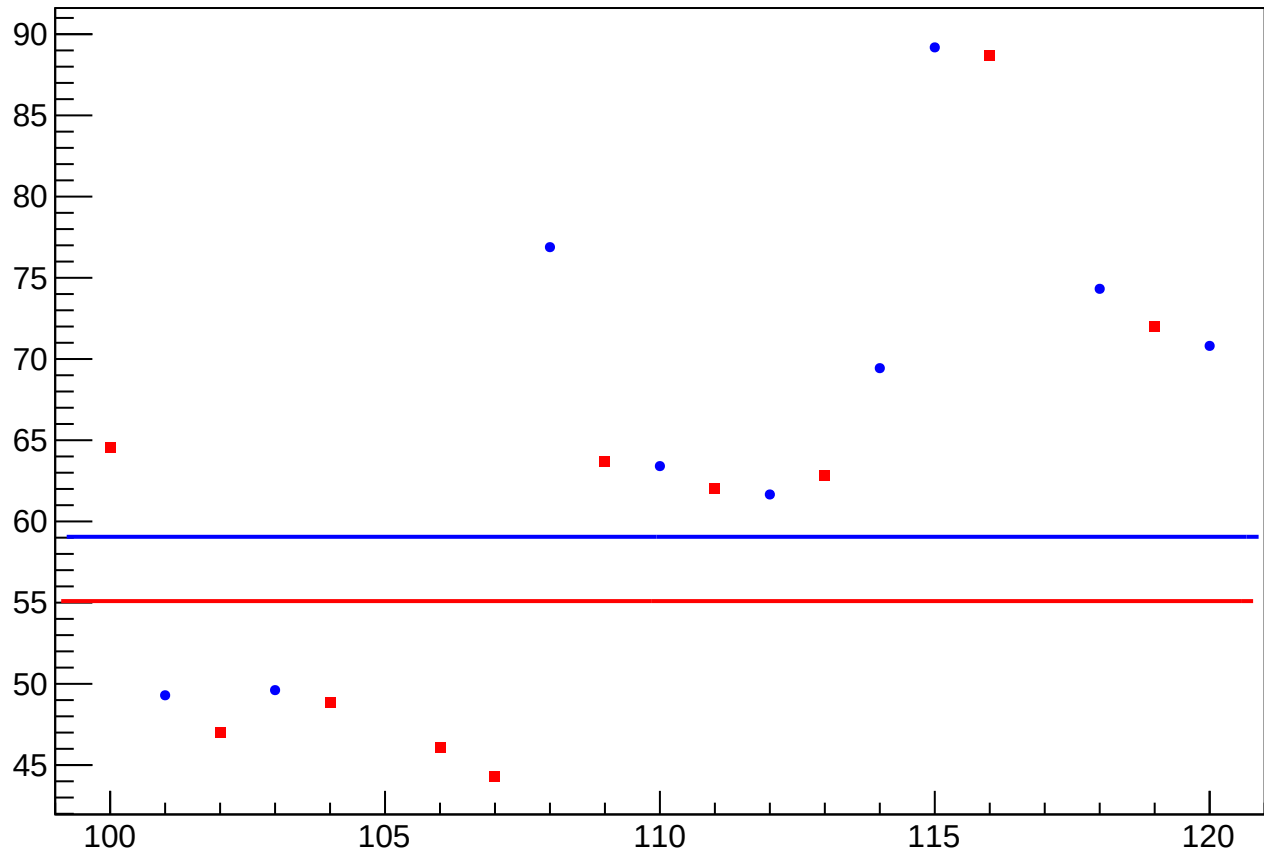
Right: 85.425+/-21.130 χ^2/NDF : 30.7/18

In: 58.006+/-31.720 χ^2/NDF : 10.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.425+/-21.130 χ^2/NDF : 30.7/18

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 59.054+/-0.022 χ^2/NDF : 238704.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.096+/-0.020 χ^2/NDF : 285349.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

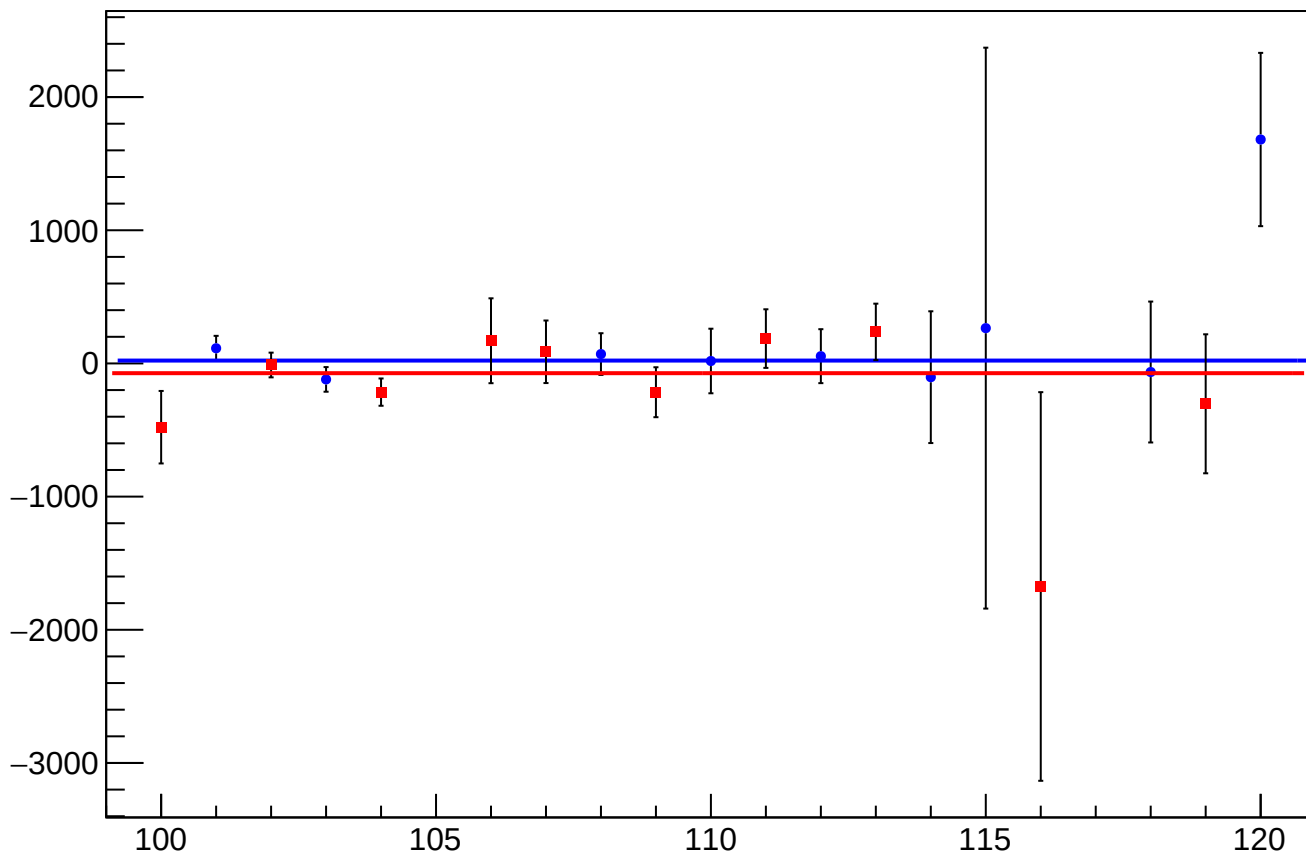
Right: 56.852+/-0.015 χ^2/NDF : 541383.5/18

In: 59.054+/-0.022 χ^2/NDF : 238704.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.852+/-0.015 χ^2/NDF : 541383.5/18

asym_sam_15_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 21.505+/-55.527 χ^2/NDF : 10.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -73.172+/-55.178 χ^2/NDF : 11.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

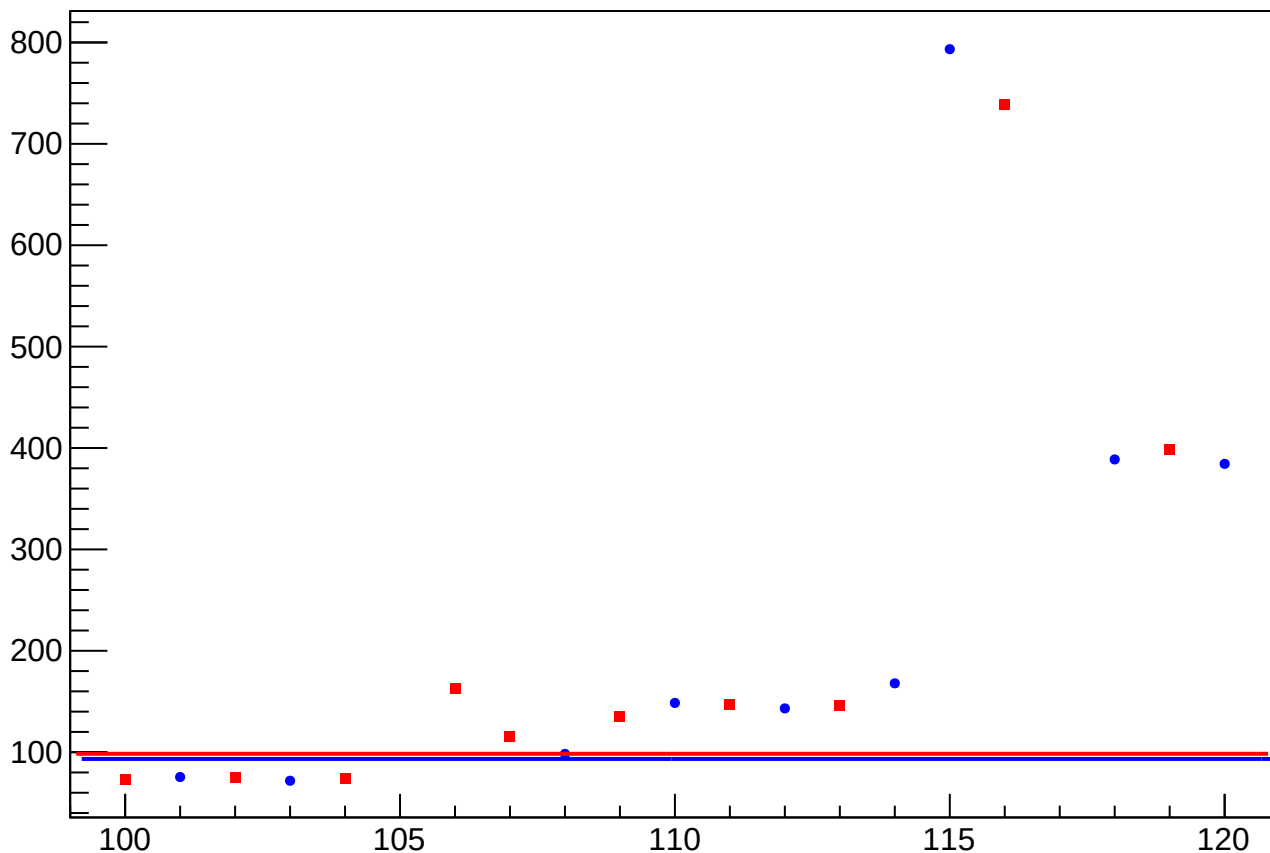
Right: -26.132+/-39.139 χ^2/NDF : 22.7/18

In: 21.505+/-55.527 χ^2/NDF : 10.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.132+/-39.139 χ^2/NDF : 22.7/18

asym_sam_15_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 93.341+/-0.039 χ^2/NDF : 1698358.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.429+/-0.039 χ^2/NDF : 1679498.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

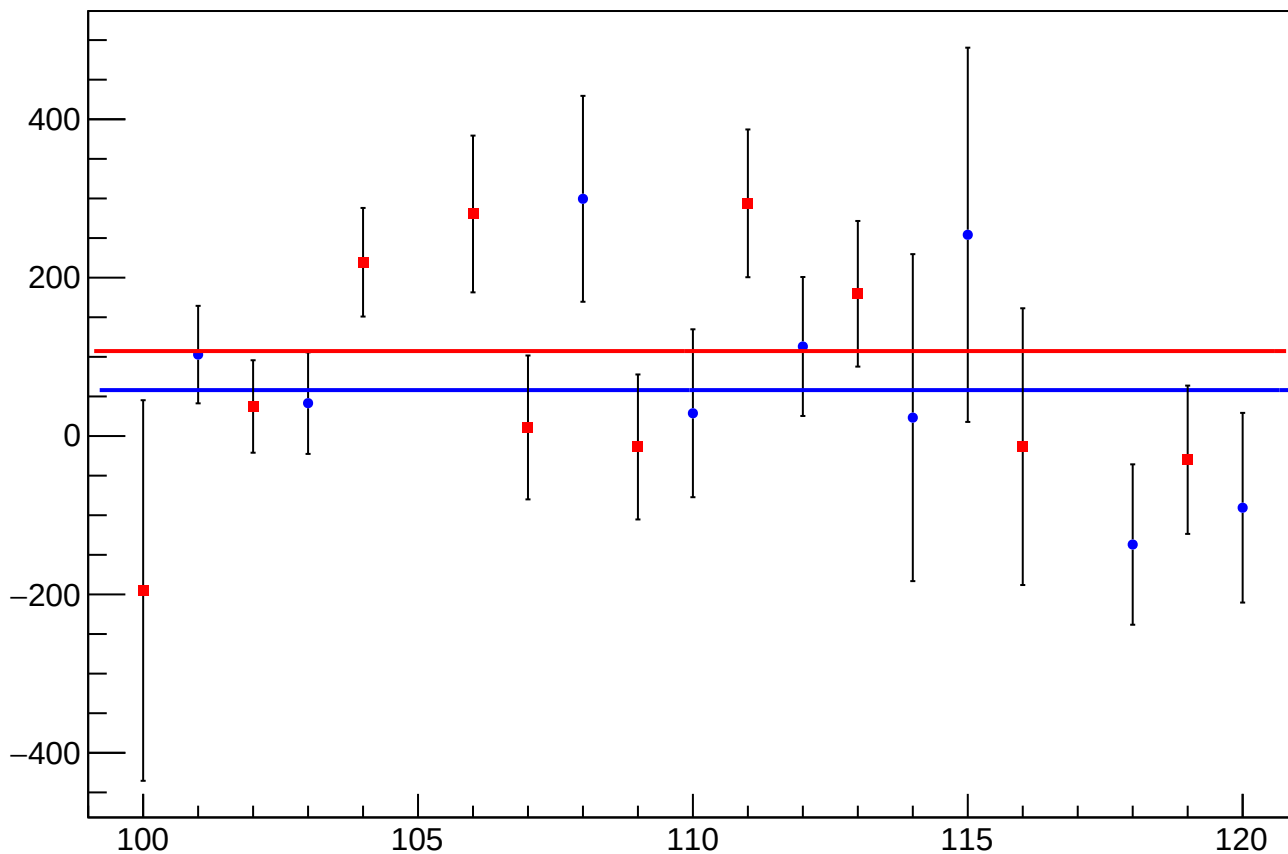
Right: 95.901+/-0.028 χ^2/NDF : 3386307.2/18

In: 93.341+/-0.039 χ^2/NDF : 1698358.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.901+/-0.028 χ^2/NDF : 3386307.2/18

eigen_dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 58.006+/-31.720 χ^2/NDF : 10.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.298+/-28.331 χ^2/NDF : 18.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

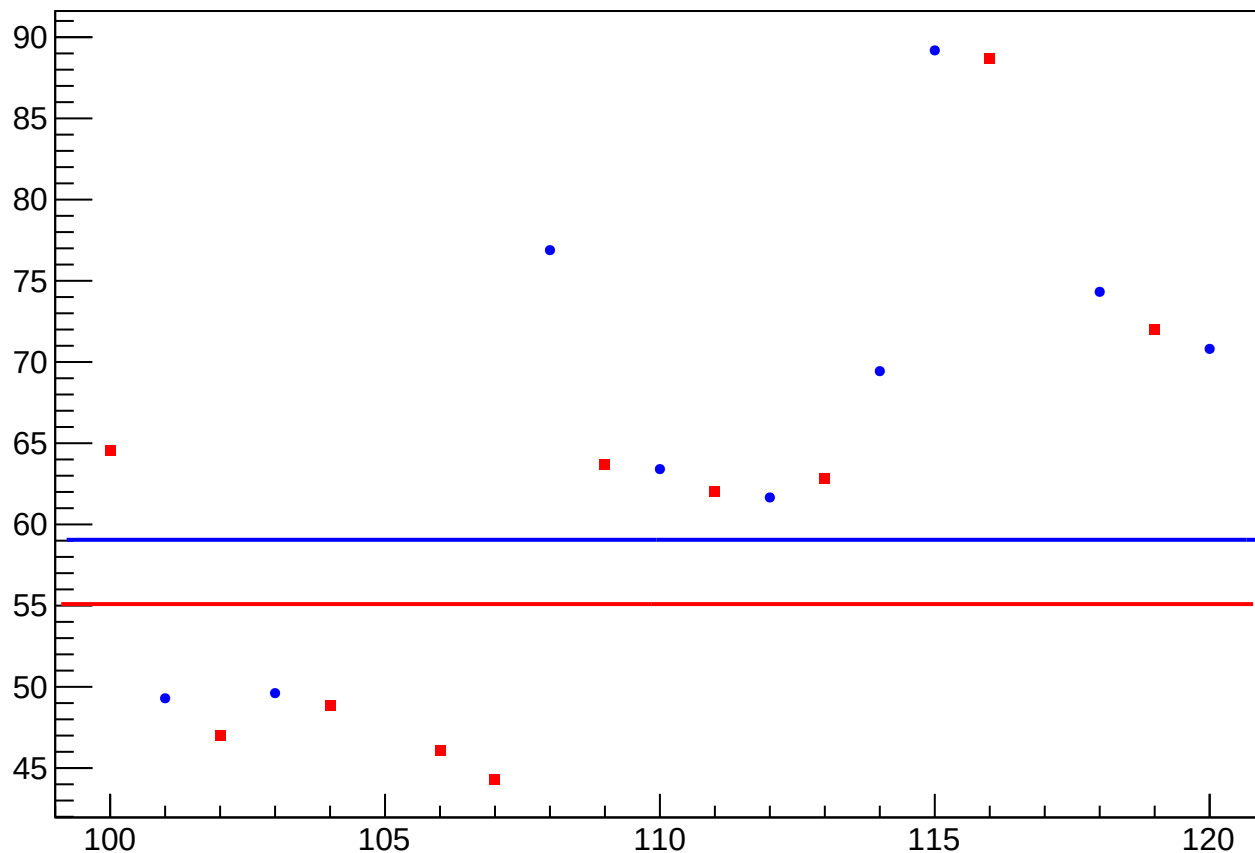
Right: 85.425+/-21.130 χ^2/NDF : 30.7/18

In: 58.006+/-31.720 χ^2/NDF : 10.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.425+/-21.130 χ^2/NDF : 30.7/18

eigen_dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 59.054+/-0.022 χ^2/NDF : 238705.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.095+/-0.020 χ^2/NDF : 285349.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

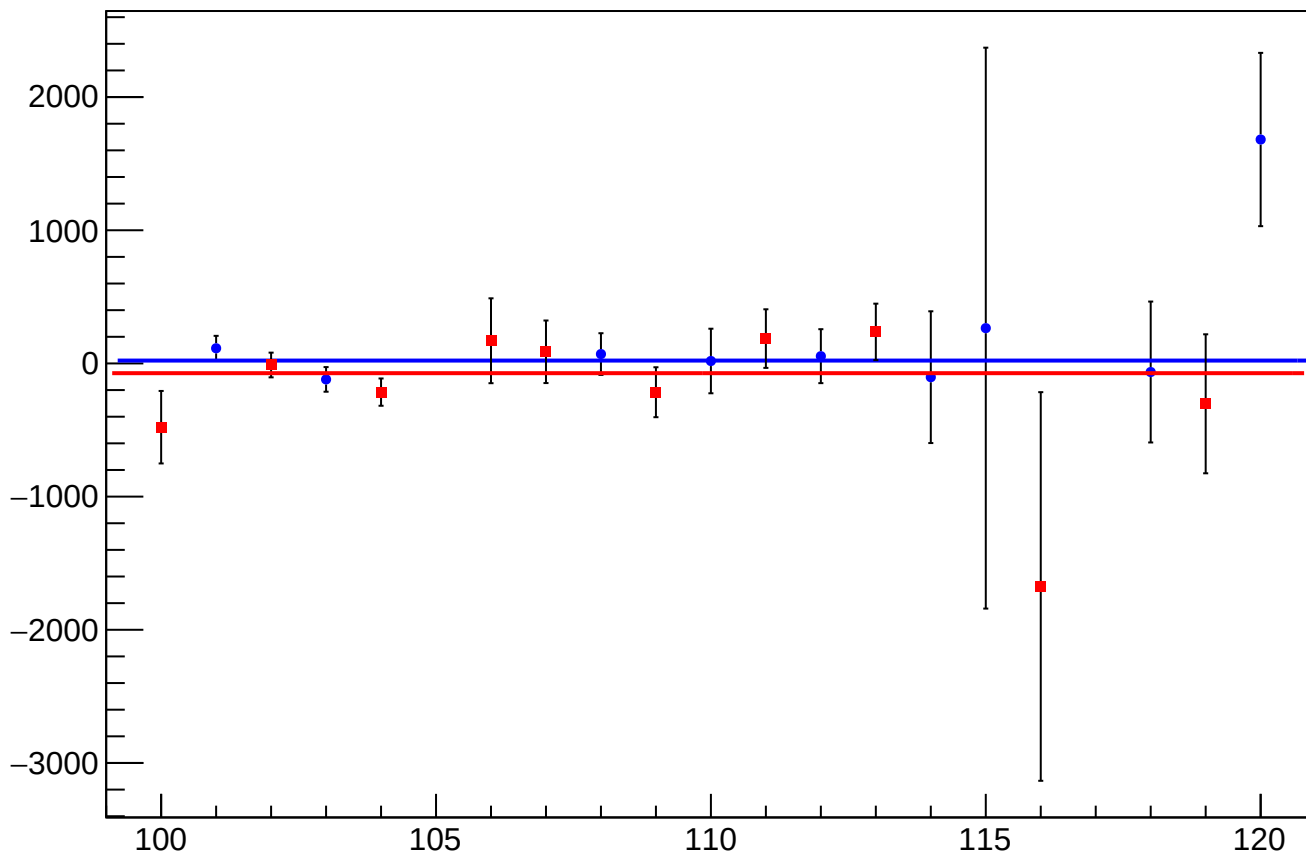
Right: 56.852+/-0.015 χ^2/NDF : 541384.4/18

In: 59.054+/-0.022 χ^2/NDF : 238705.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.852+/-0.015 χ^2/NDF : 541384.4/18

asym_sam_15_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 21.504+/-55.527 χ^2/NDF : 10.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -73.171+/-55.177 χ^2/NDF : 11.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

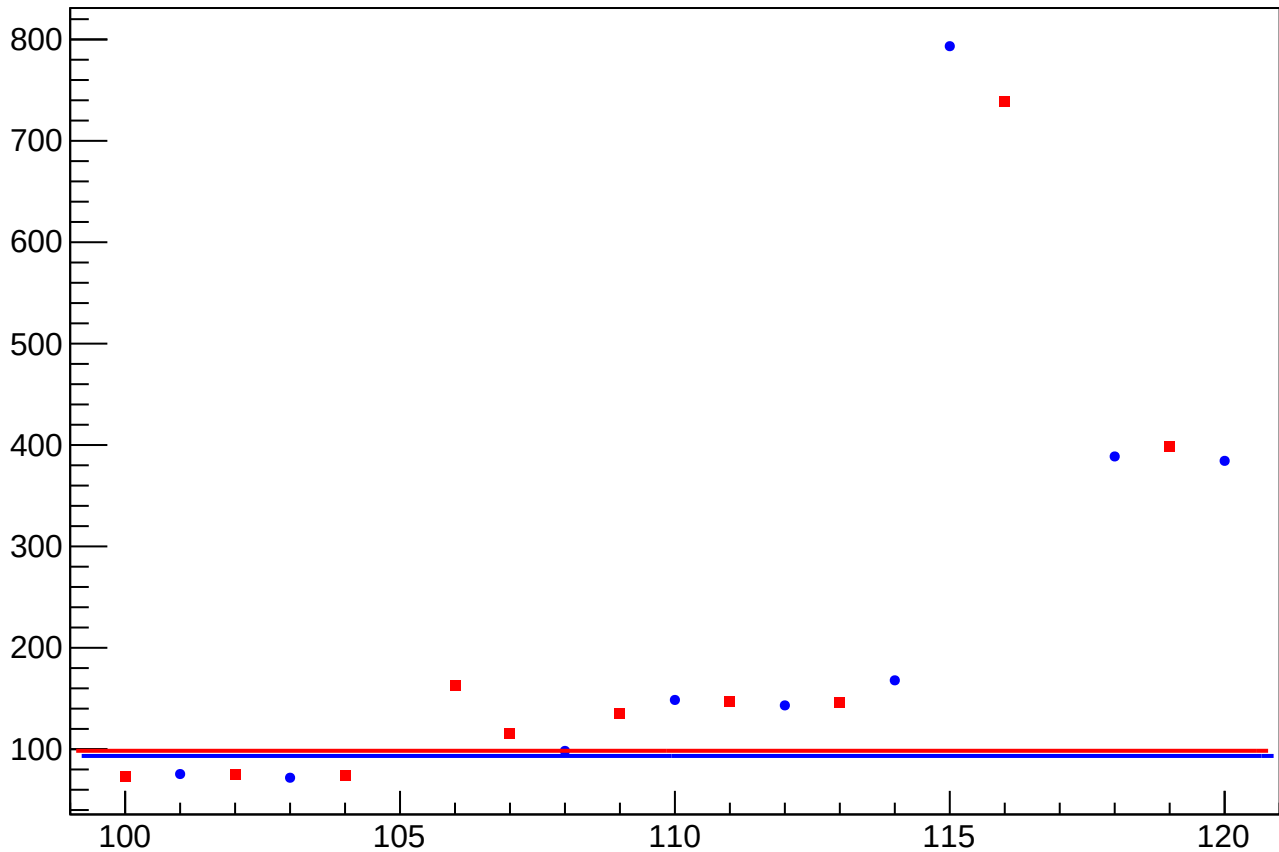
Right: -26.132+/-39.139 χ^2/NDF : 22.7/18

In: 21.504+/-55.527 χ^2/NDF : 10.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.132+/-39.139 χ^2/NDF : 22.7/18

asym_sam_15_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 93.341+/-0.039 χ^2/NDF : 1698360.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.429+/-0.039 χ^2/NDF : 1679505.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

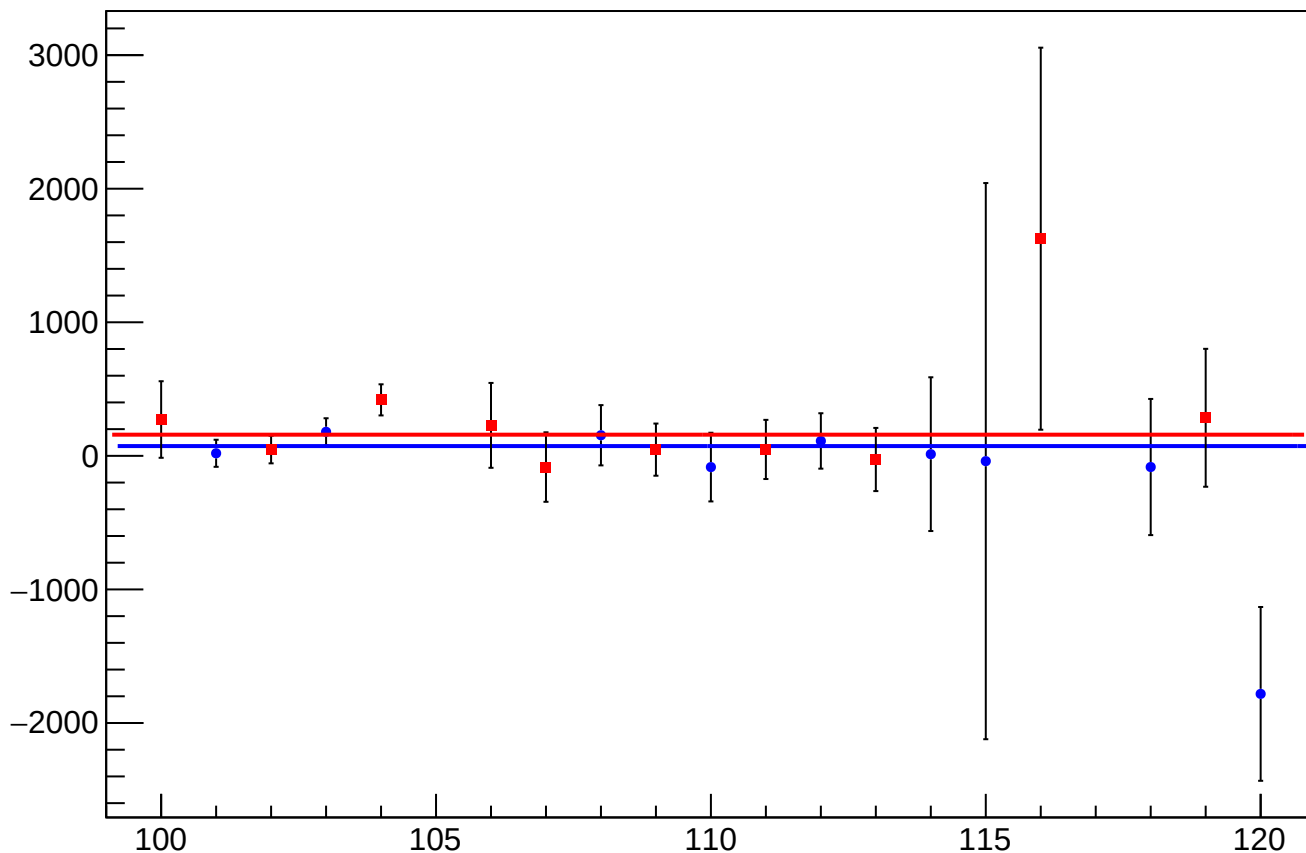
Right: 95.901+/-0.028 χ^2/NDF : 3386315.8/18

In: 93.341+/-0.039 χ^2/NDF : 1698360.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.901+/-0.028 χ^2/NDF : 3386315.8/18

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 73.165+/-61.809 χ^2/NDF : 10.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.493+/-60.553 χ^2/NDF : 9.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

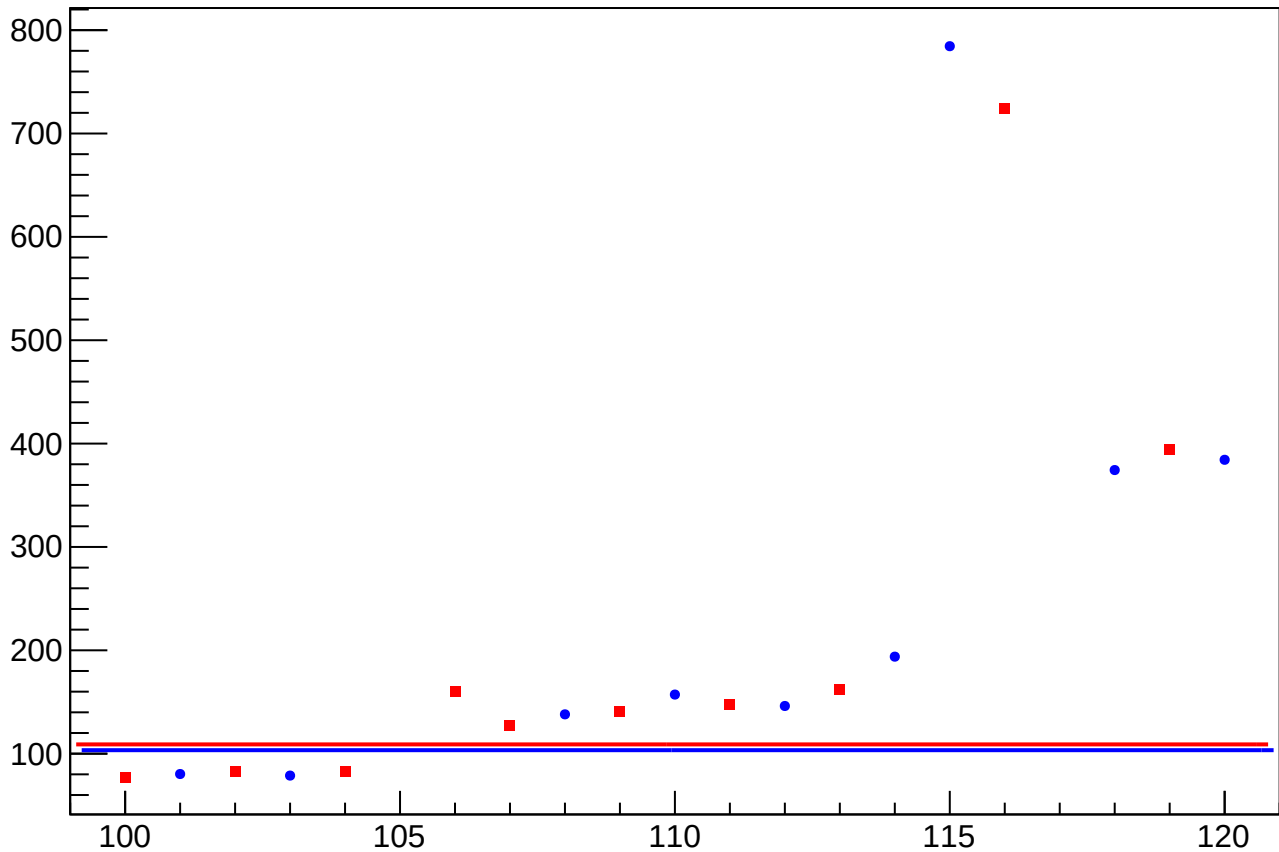
Right: 116.705+/-43.255 χ^2/NDF : 20.7/18

In: 73.165+/-61.809 χ^2/NDF : 10.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.705+/-43.255 χ^2/NDF : 20.7/18

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 103.376+/-0.044 χ^2/NDF : 1642407.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.972+/-0.043 χ^2/NDF : 1510553.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

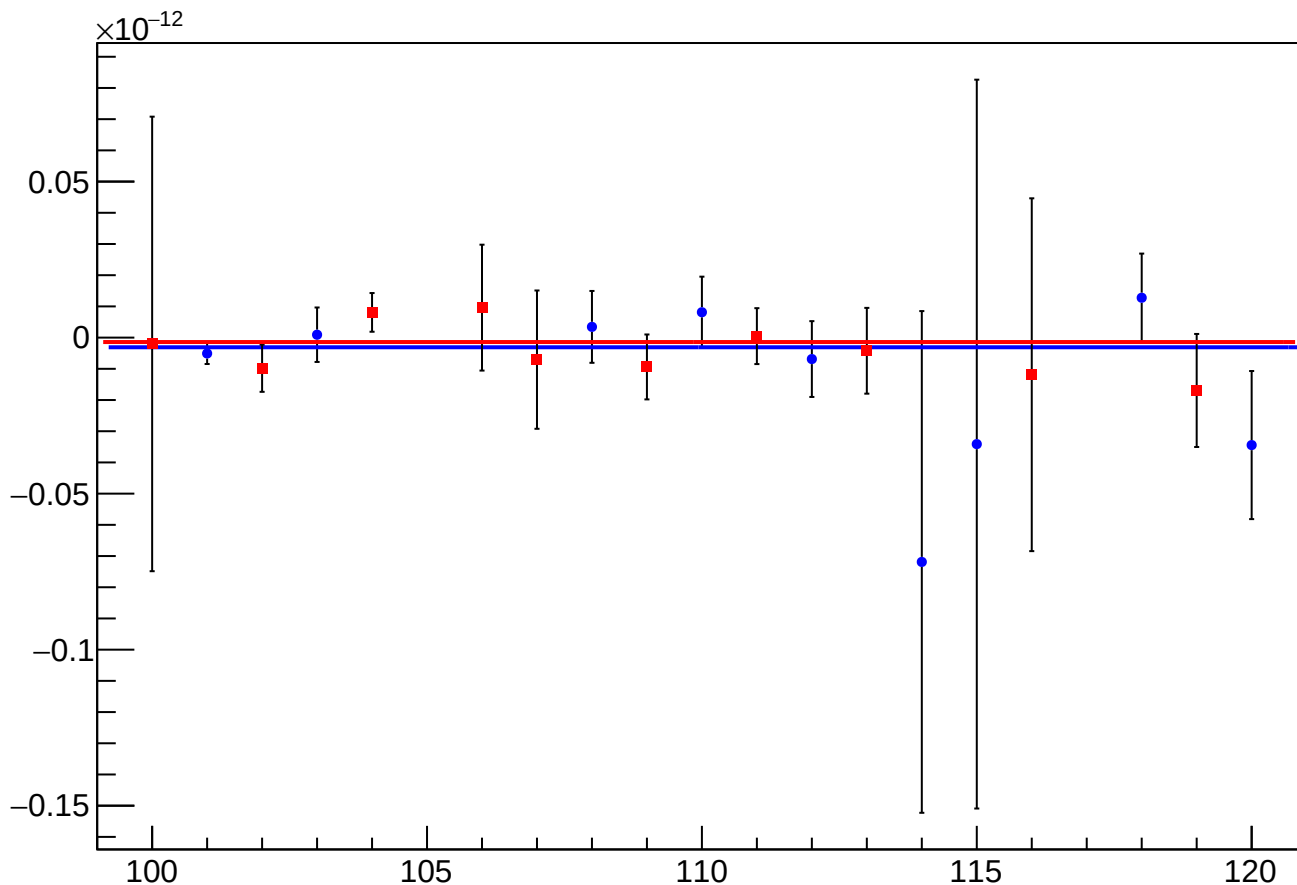
Right: 106.231+/-0.031 χ^2/NDF : 3161326.0/18

In: 103.376+/-0.044 χ^2/NDF : 1642407.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.231+/-0.031 χ^2/NDF : 3161326.0/18

asym_sam_15_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2/NDF : 5.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 5.4/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

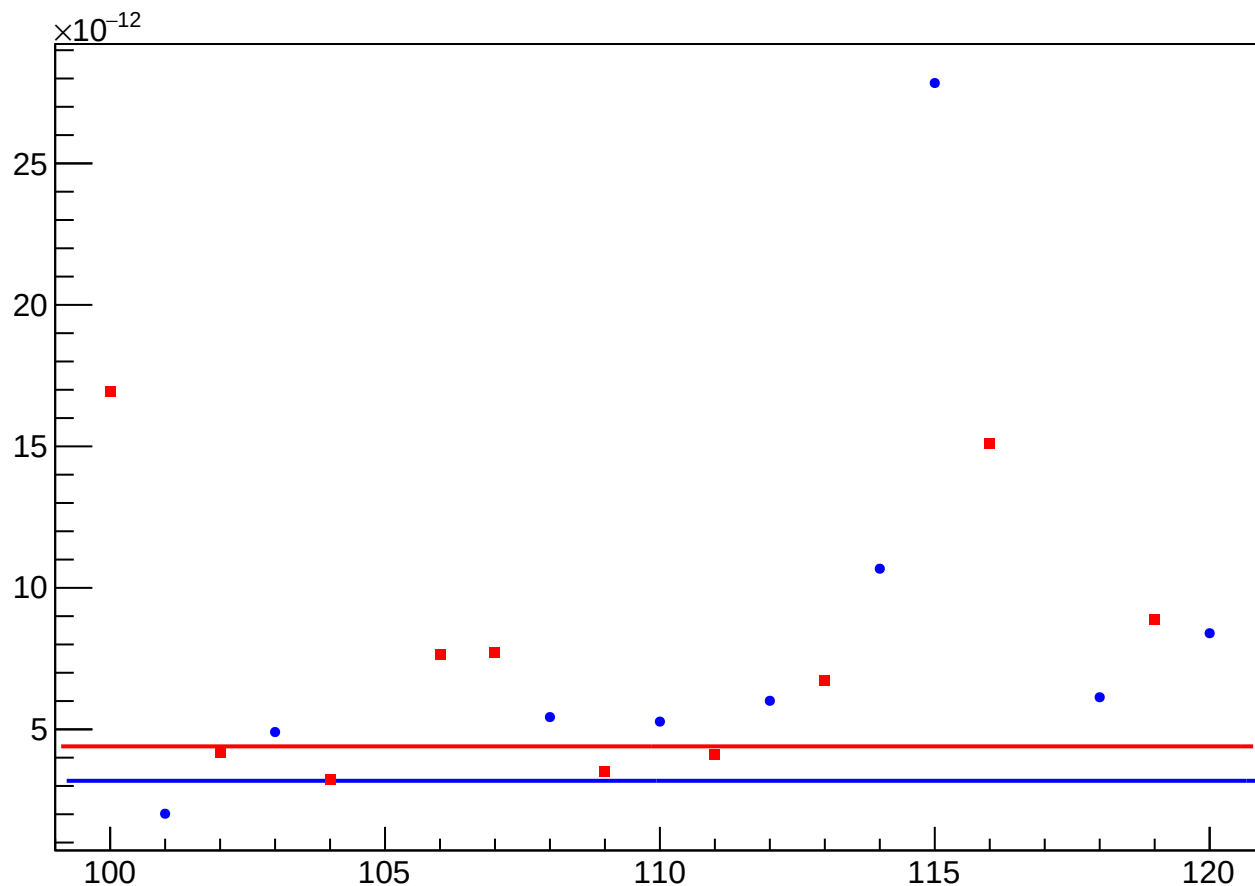
Right: -0.000 $\pm$ 0.000 χ^2/NDF : 11.3/18

In: -0.000 $\pm$ 0.000 χ^2/NDF : 5.8/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 11.3/18

asym_sam_15_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 857572.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 498754.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

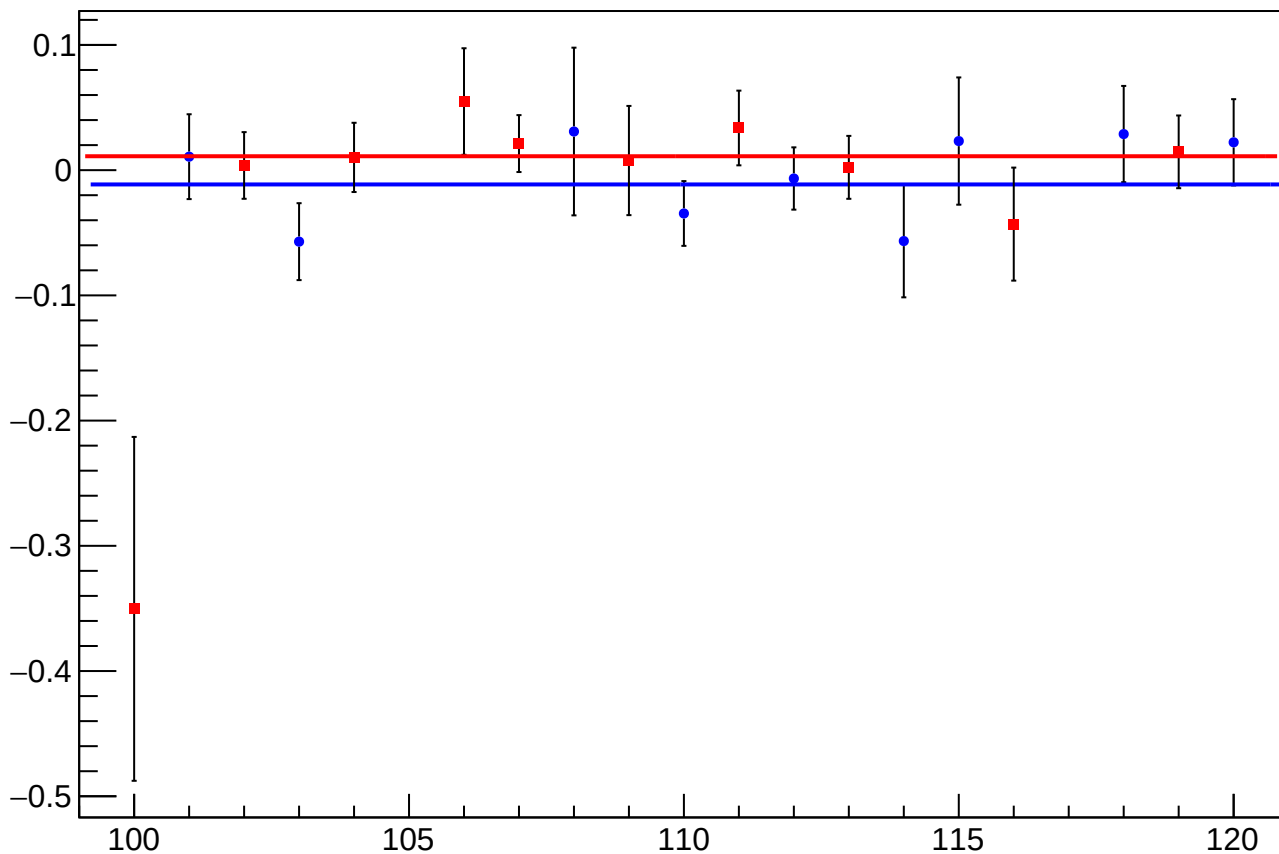
Right: 0.000+/-0.000 χ^2/NDF : 1501152.9/18

In: 0.000+/-0.000 χ^2/NDF : 857572.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1501152.9/18

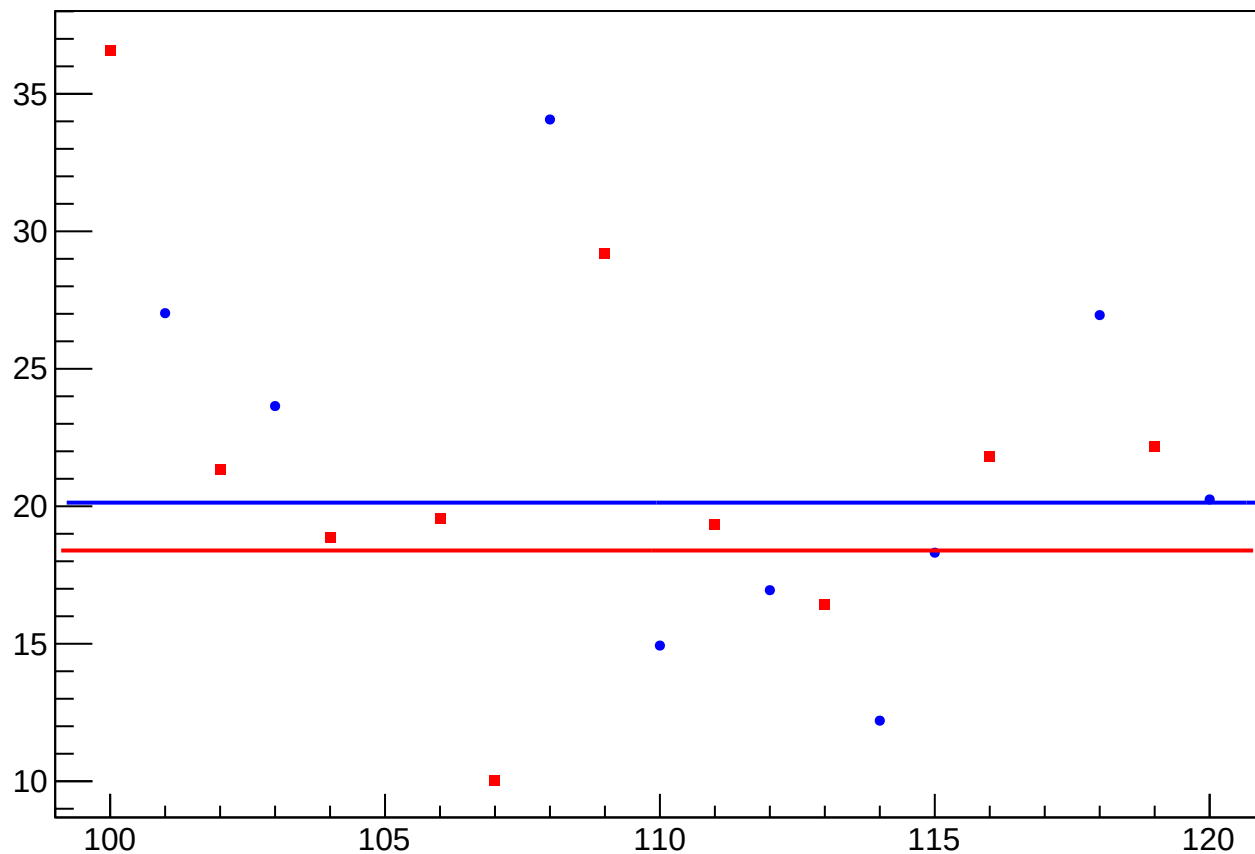
asym_sam_15_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 ± 0.011 $\chi^2/\text{NDF}: 7.4/8$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 0.011 ± 0.010 $\chi^2/\text{NDF}: 10.4/9$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right: 0.001 ± 0.007 $\chi^2/\text{NDF}: 20.0/18$
 In: -0.011 ± 0.011 $\chi^2/\text{NDF}: 7.4/8$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 0.001 ± 0.007 $\chi^2/\text{NDF}: 20.0/18$

asym_sam_15_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.133+/-0.008 χ^2/NDF : 436860.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 18.392+/-0.007 χ^2/NDF : 514117.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

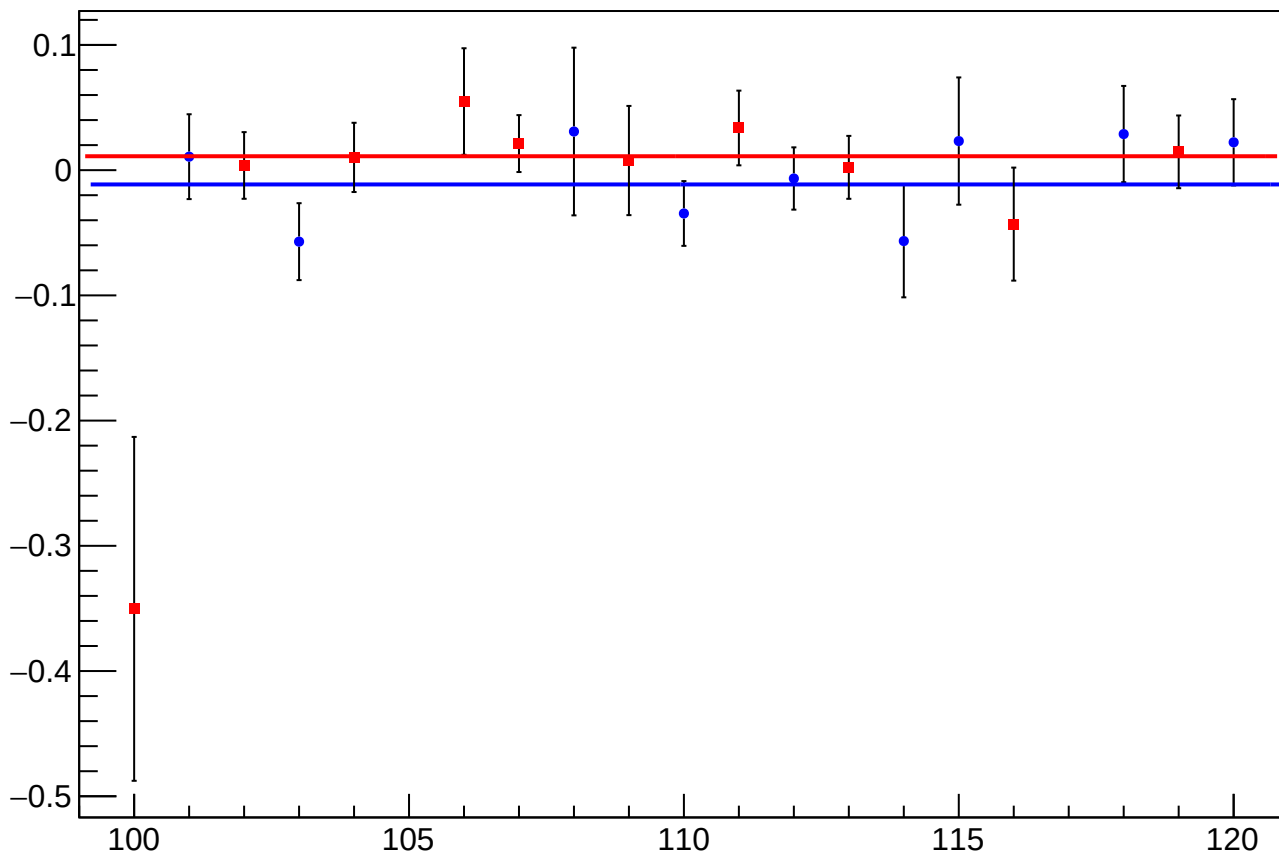
Right: 19.140+/-0.005 χ^2/NDF : 977484.7/18

In: 20.133+/-0.008 χ^2/NDF :436860.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 19.140+/-0.005 χ^2/NDF : 977484.7/18

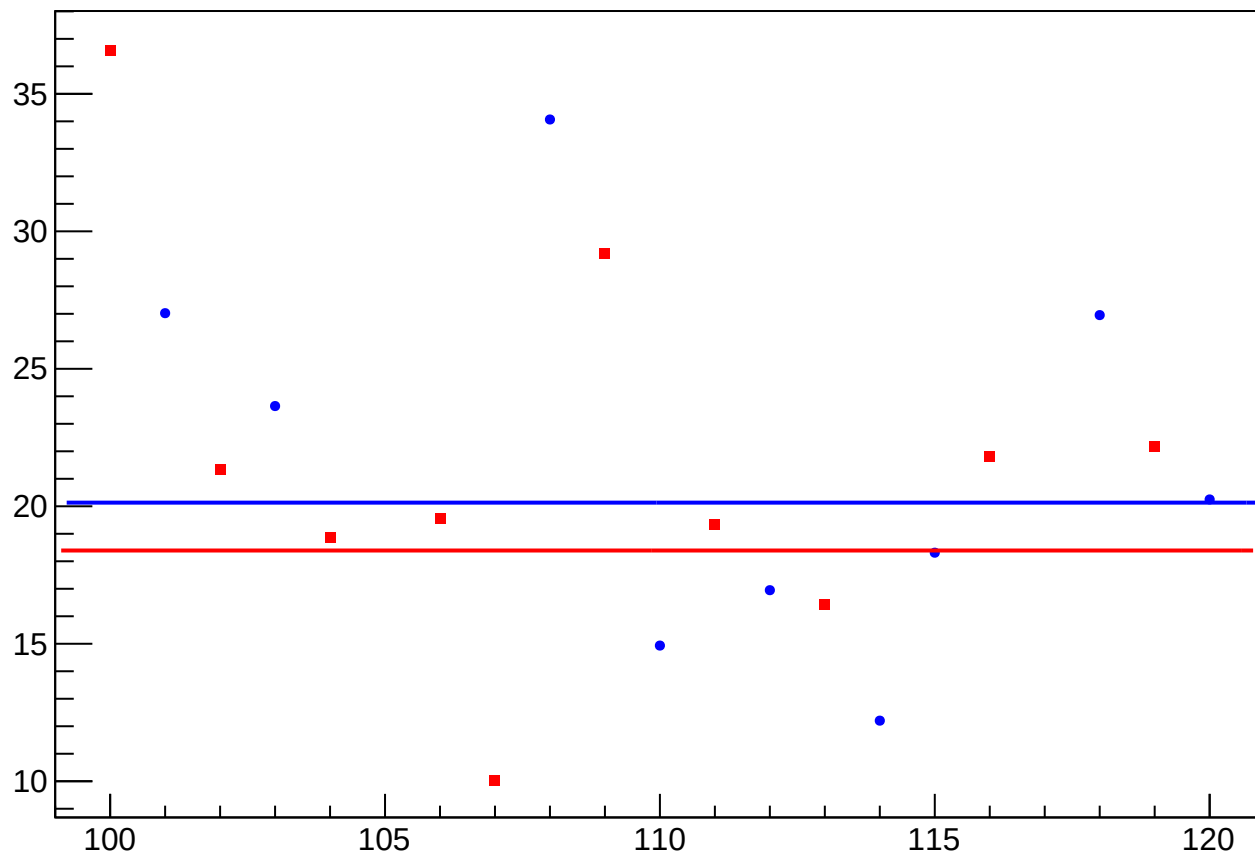
asym_sam_15_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 ± 0.011 $\chi^2/\text{NDF}: 7.4/8$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 0.011 ± 0.010 $\chi^2/\text{NDF}: 10.4/9$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right: 0.001 ± 0.007 $\chi^2/\text{NDF}: 20.0/18$
 In: -0.011 ± 0.011 $\chi^2/\text{NDF}: 7.4/8$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 0.001 ± 0.007 $\chi^2/\text{NDF}: 20.0/18$

asym_sam_15_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.133+/-0.008 χ^2/NDF : 436860.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.392+/-0.007 χ^2/NDF : 514117.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

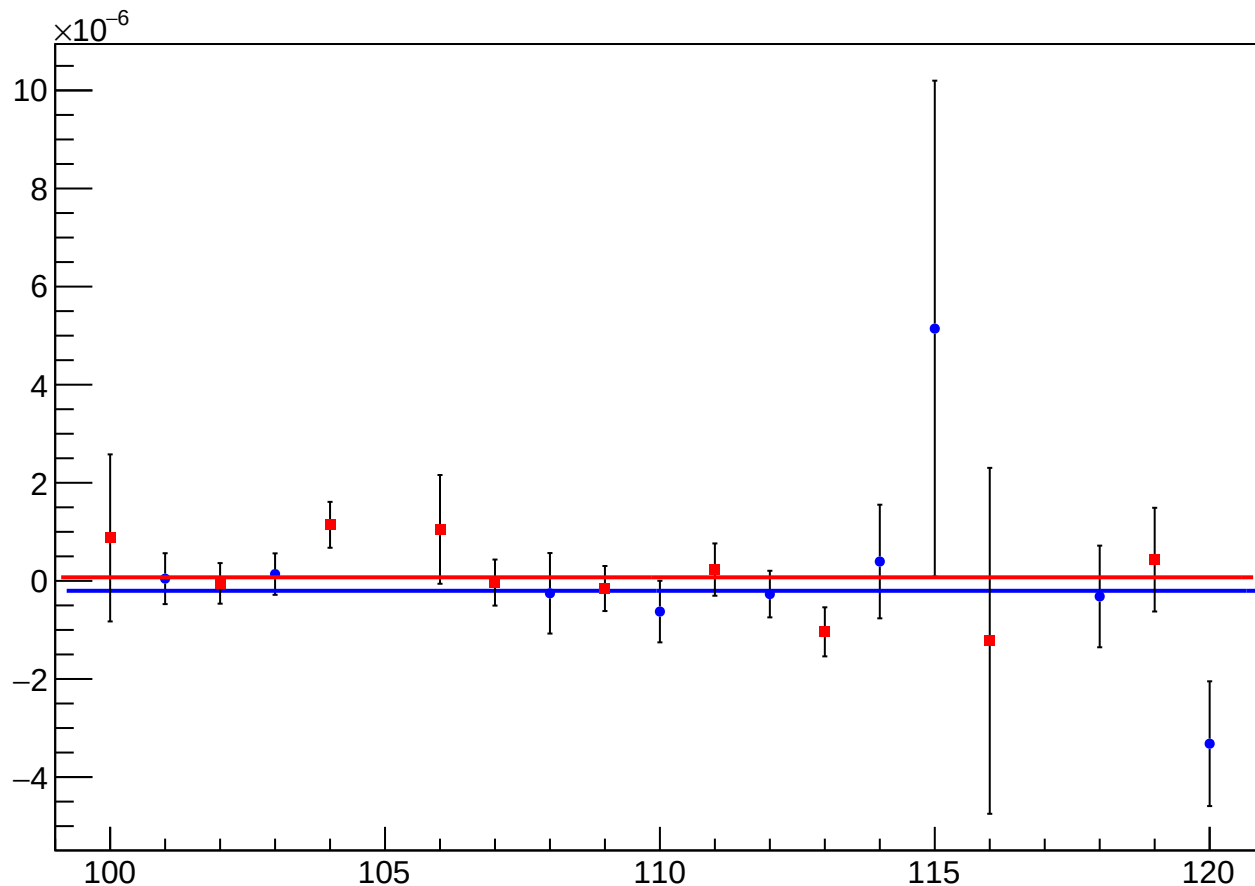
Right: 19.140+/-0.005 χ^2/NDF : 977484.7/18

In: 20.133+/-0.008 χ^2/NDF : 436860.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.140+/-0.005 χ^2/NDF : 977484.7/18

asym_sam_15_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

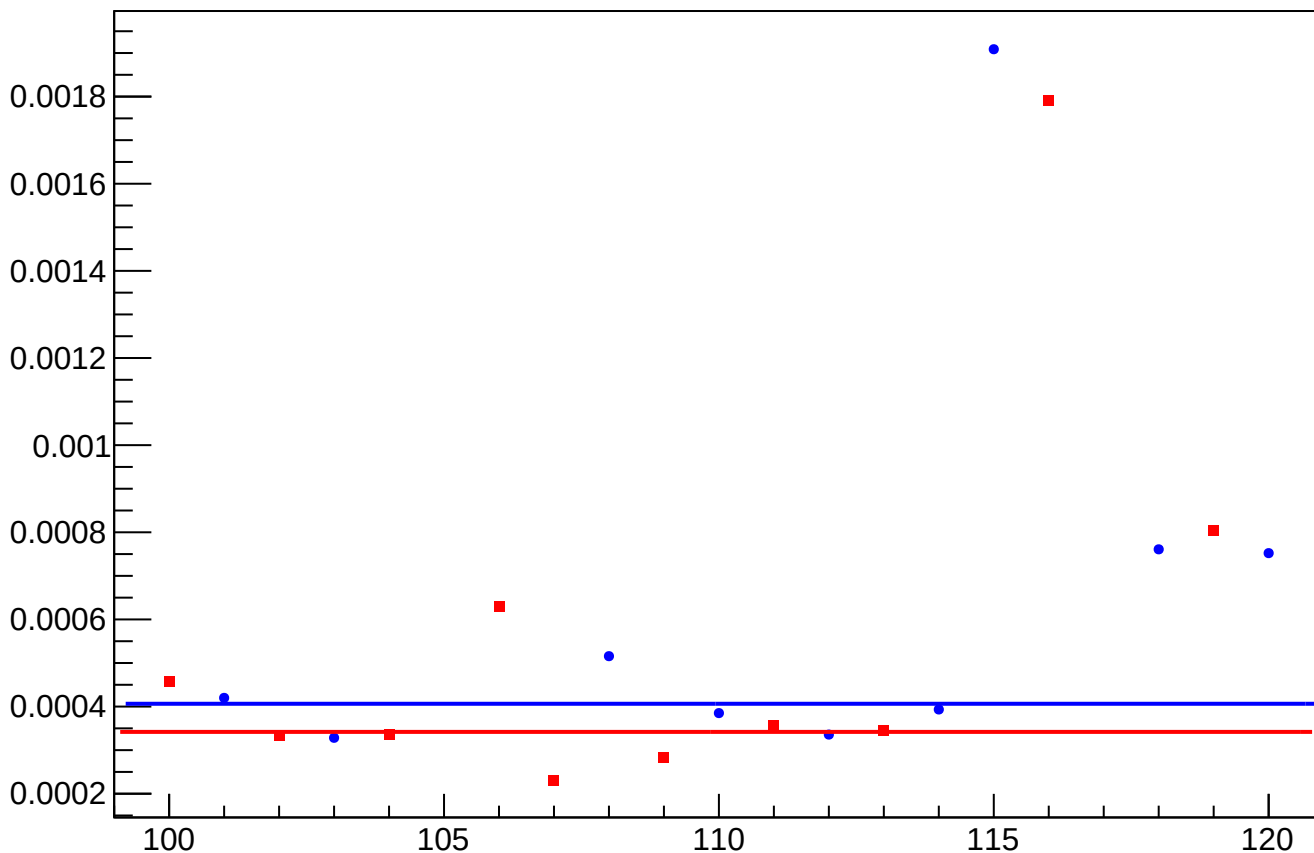
Right: -0.000+/-0.000 χ^2/NDF : 21.6/18

In: -0.000+/-0.000 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.6/18

asym_sam_15_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 710461.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1015162.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

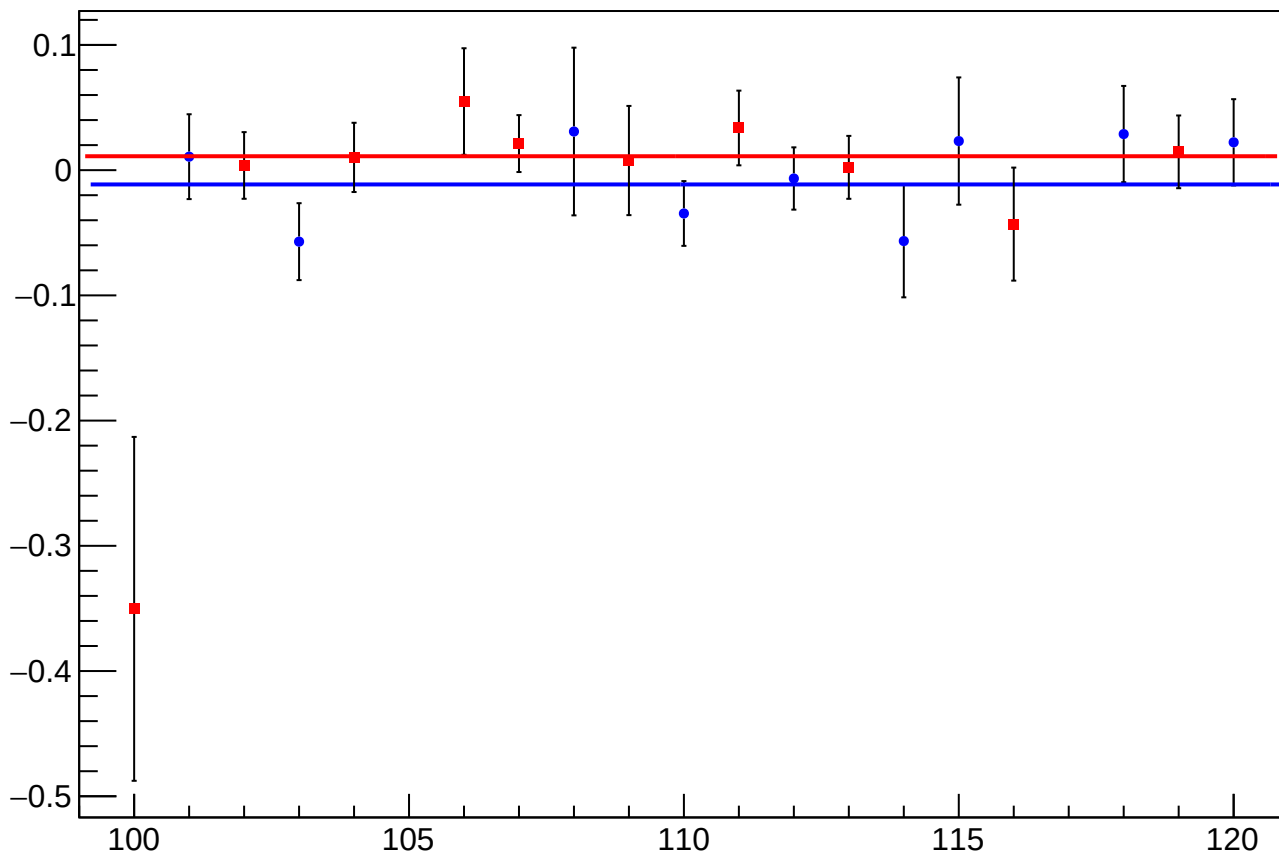
Right: 0.000+/-0.000 χ^2/NDF : 1825049.3/18

In: 0.000+/-0.000 χ^2/NDF : 710461.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1825049.3/18

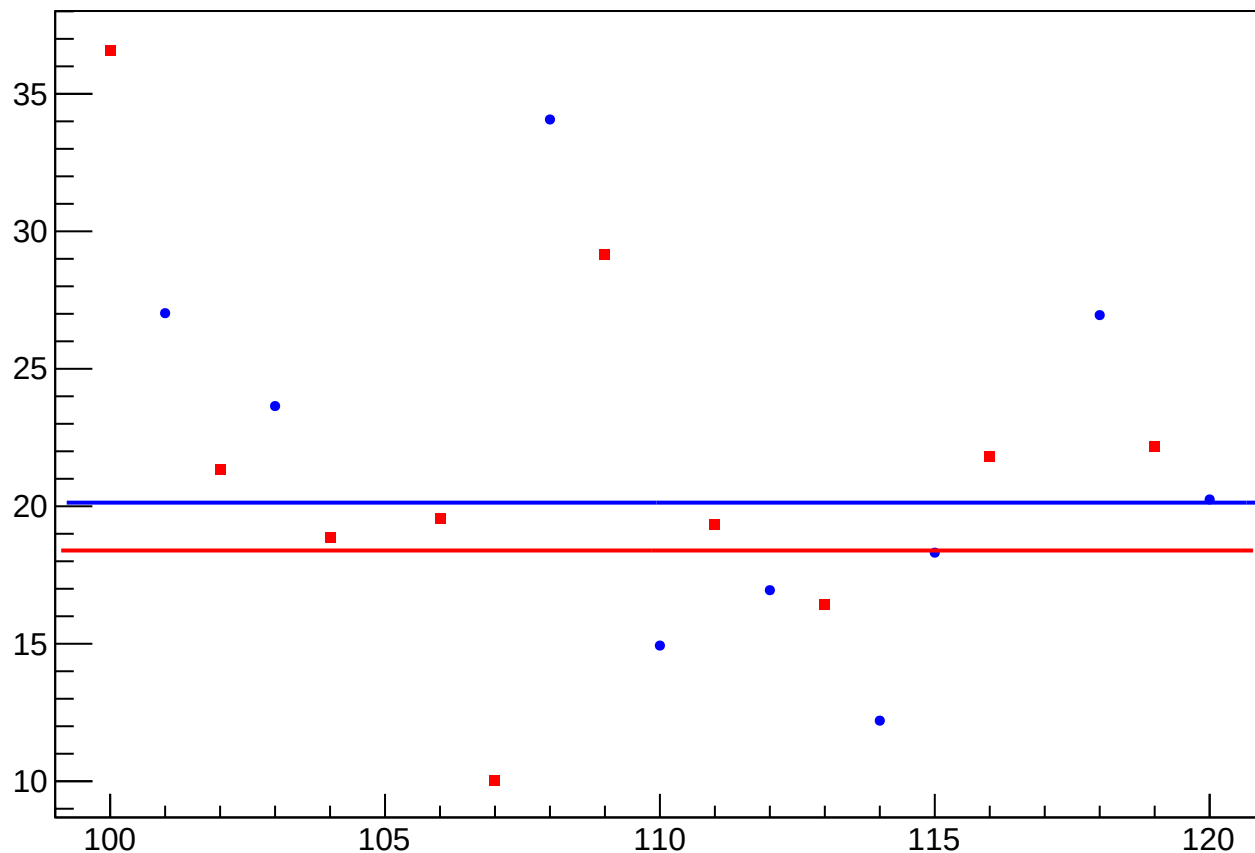
asym_sam_15_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 ± 0.011 $\chi^2/\text{NDF}: 7.4/8$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 0.011 ± 0.010 $\chi^2/\text{NDF}: 10.4/9$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right: 0.001 ± 0.007 $\chi^2/\text{NDF}: 20.0/18$
 In: -0.011 ± 0.011 $\chi^2/\text{NDF}: 7.4/8$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 0.001 ± 0.007 $\chi^2/\text{NDF}: 20.0/18$

asym_sam_15_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.133+/-0.008 χ^2/NDF : 436860.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.392+/-0.007 χ^2/NDF : 514132.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

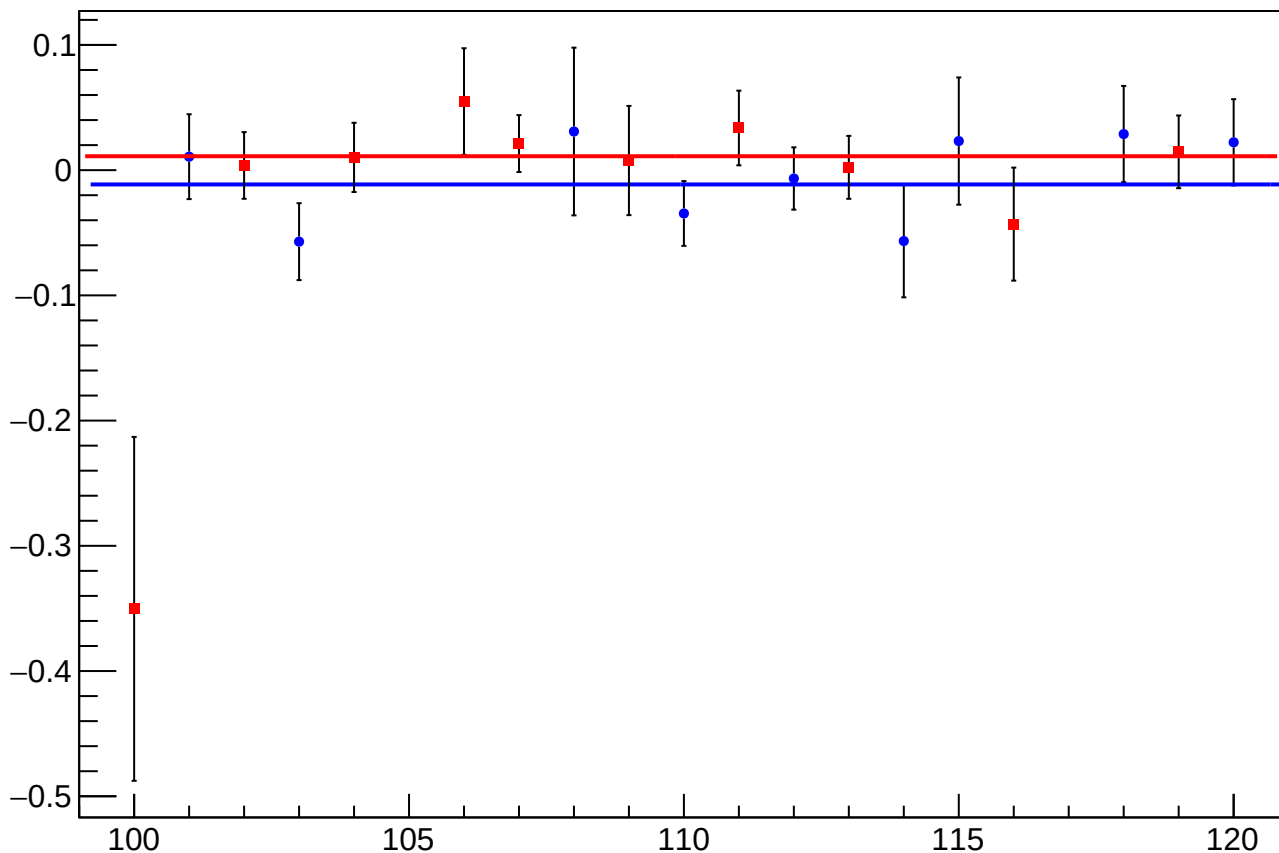
Right: 19.140+/-0.005 χ^2/NDF : 977501.4/18

In: 20.133+/-0.008 χ^2/NDF : 436860.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.140+/-0.005 χ^2/NDF : 977501.4/18

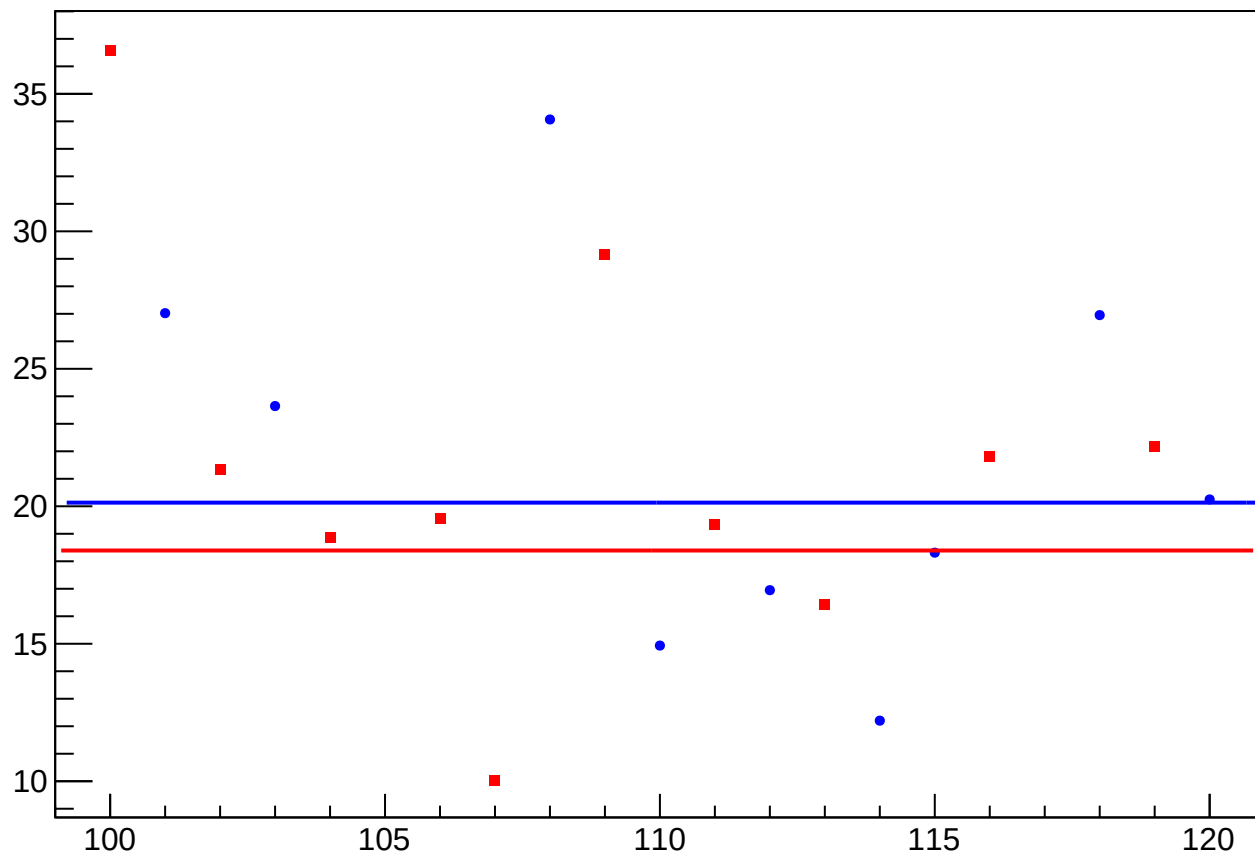
asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 ± 0.011 $\chi^2/\text{NDF}: 7.4/8$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 0.011 ± 0.010 $\chi^2/\text{NDF}: 10.4/9$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right: 0.001 ± 0.007 $\chi^2/\text{NDF}: 20.0/18$
 In: -0.011 ± 0.011 $\chi^2/\text{NDF}: 7.4/8$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 0.001 ± 0.007 $\chi^2/\text{NDF}: 20.0/18$

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.133+/-0.008 χ^2/NDF : 436860.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.392+/-0.007 χ^2/NDF : 514132.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

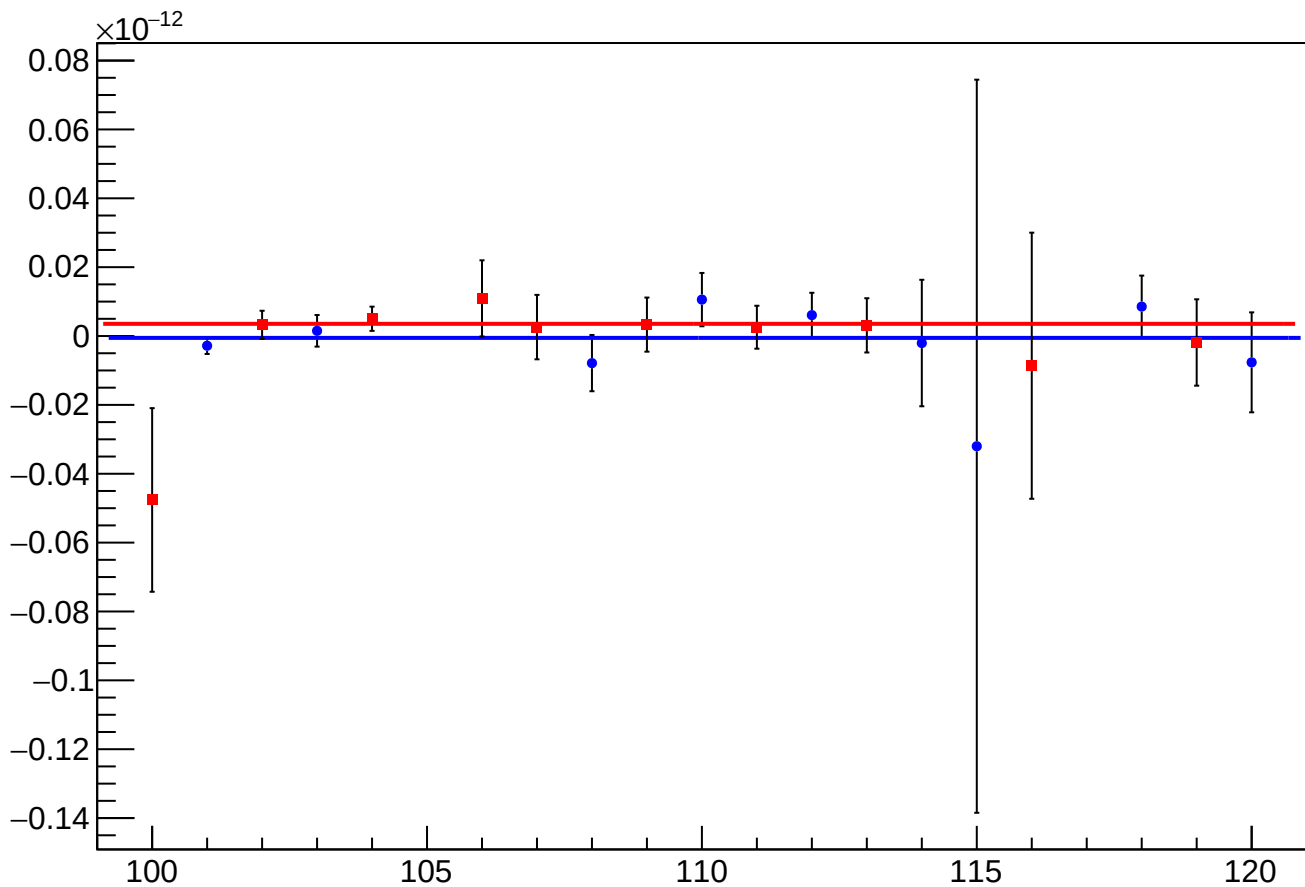
Right: 19.140+/-0.005 χ^2/NDF : 977501.4/18

In: 20.133+/-0.008 χ^2/NDF : 436860.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.140+/-0.005 χ^2/NDF : 977501.4/18

asym_sam_15_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

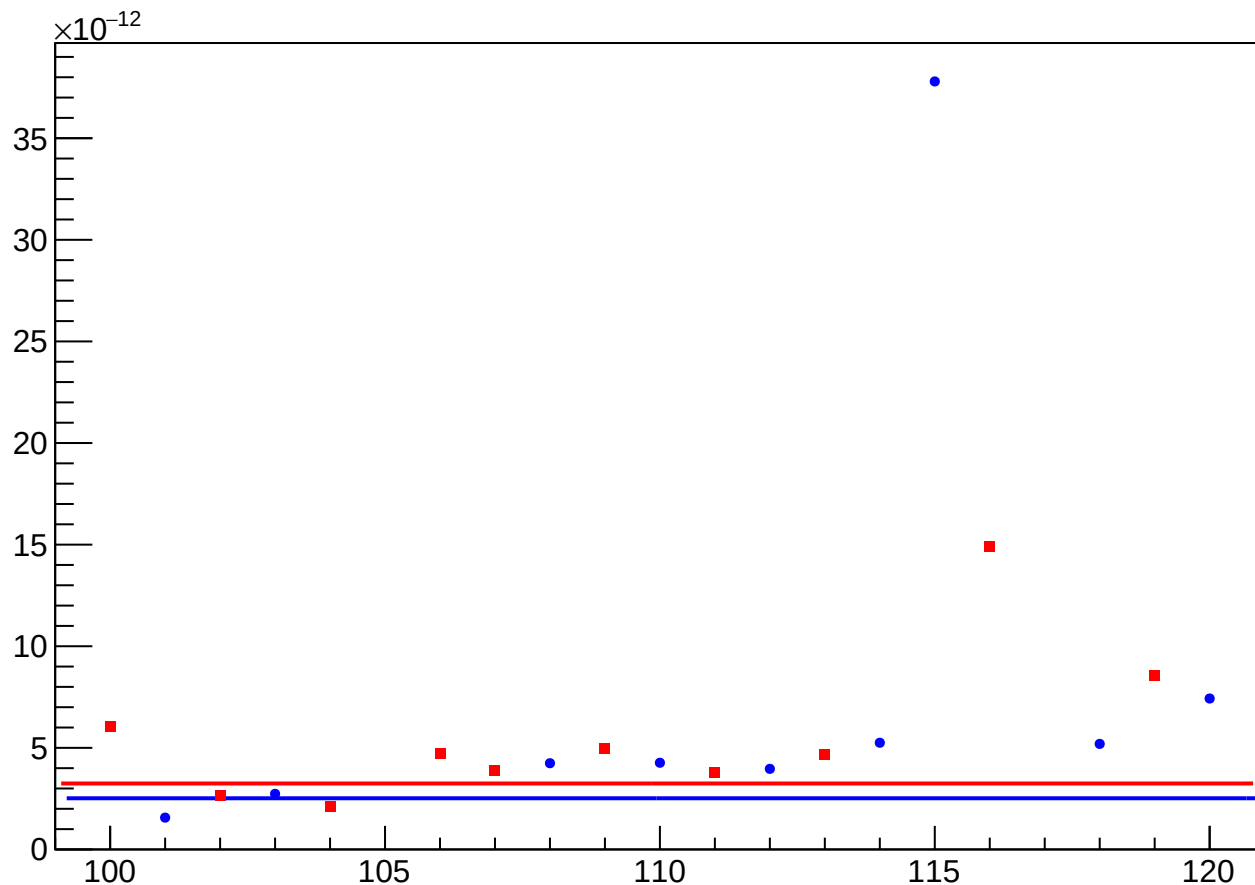
Right: 0.000+/-0.000 χ^2/NDF : 13.2/18

In: -0.000+/-0.000 χ^2/NDF : 6.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.2/18

asym_sam_15_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1283417.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1033468.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

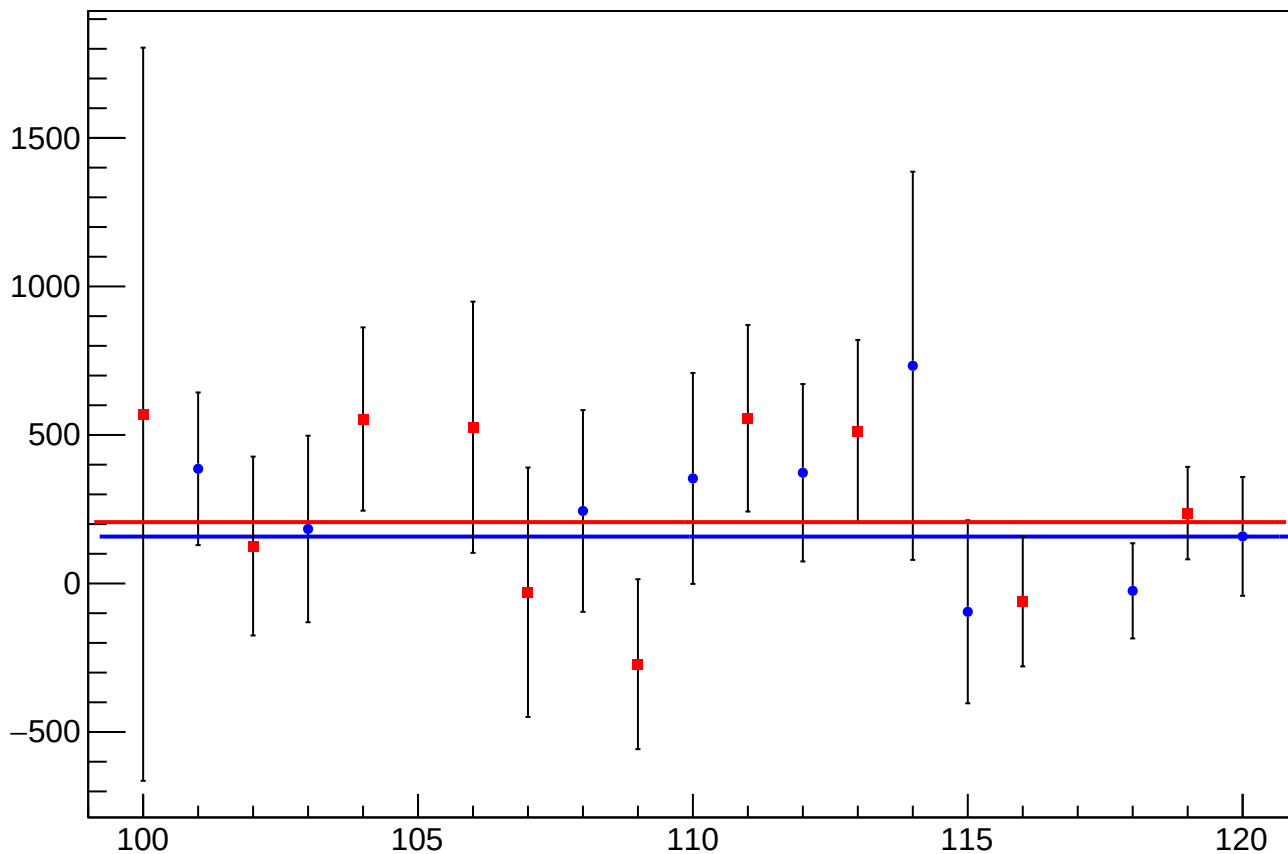
Right: 0.000+/-0.000 χ^2/NDF : 2453632.9/18

In: 0.000+/-0.000 χ^2/NDF : 1283417.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2453632.9/18

reg_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 157.926+/-87.719 χ^2/NDF : 4.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 206.636+/-88.158 χ^2/NDF : 8.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

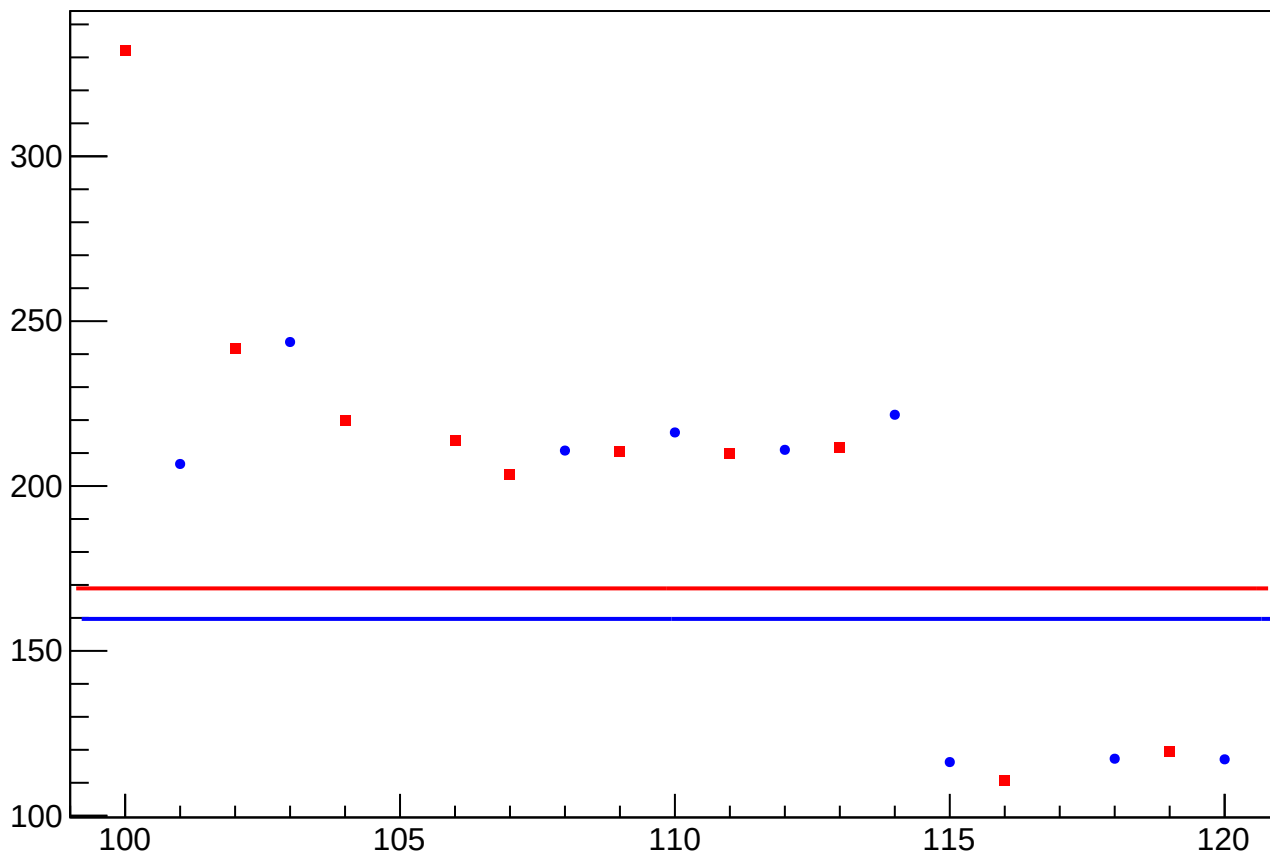
Right: 182.160+/-62.181 χ^2/NDF : 13.5/18

In: 157.926+/-87.719 χ^2/NDF : 4.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.160+/-62.181 χ^2/NDF : 13.5/18

reg_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 159.702 $\pm$ 0.062 χ^2 /NDF: 653378.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 168.953 $\pm$ 0.062 χ^2 /NDF: 703403.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

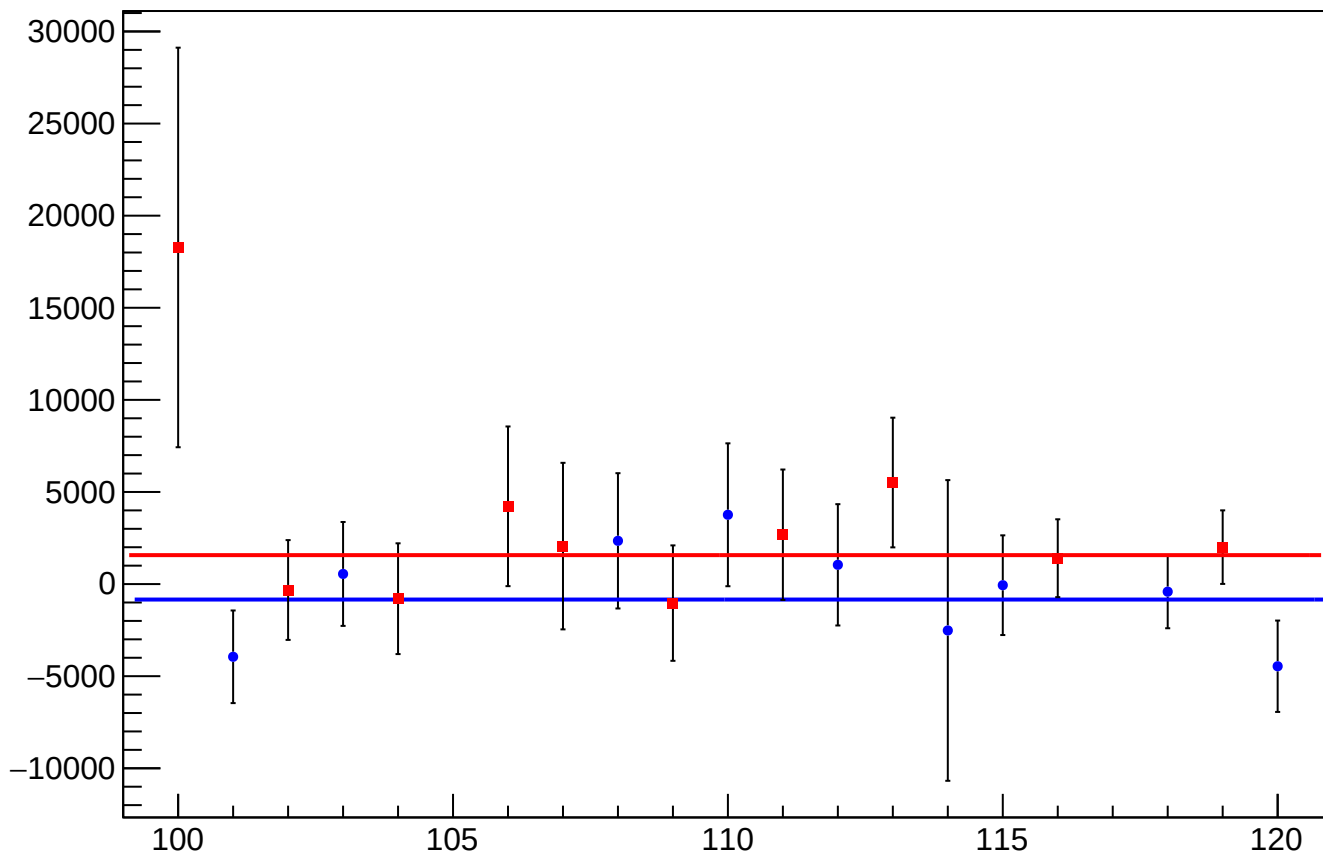
Right: 164.304 $\pm$ 0.044 χ^2 /NDF: 1367850.3/18

In: 159.702 $\pm$ 0.062 χ^2 /NDF:653378.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 164.304 $\pm$ 0.044 χ^2 /NDF: 1367850.3/18

asym_sam_26_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -839.820+/-960.209 χ^2/NDF : 6.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1571.245+/-955.791 χ^2/NDF : 6.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

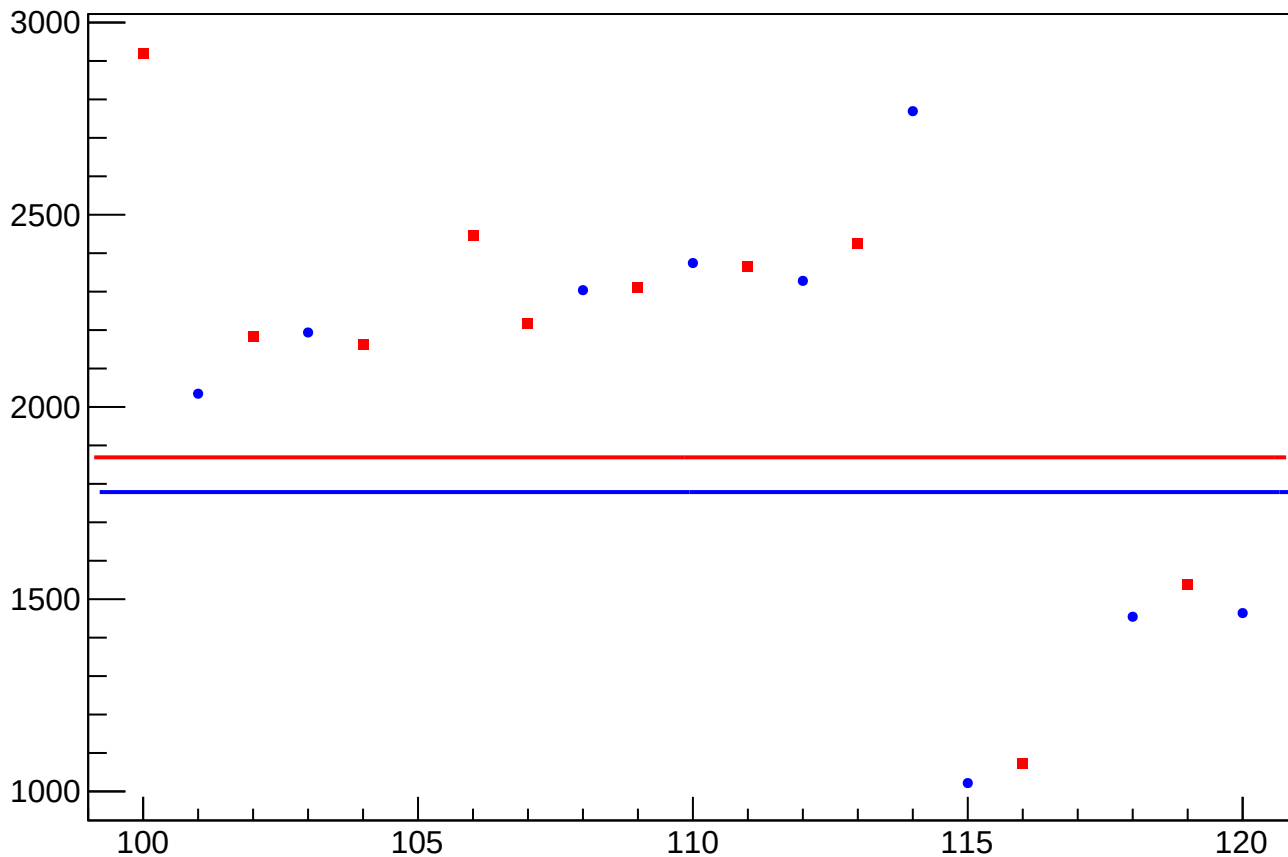
Right: 371.272+/-677.403 χ^2/NDF : 15.7/18

In: -839.820+/-960.209 χ^2/NDF :6.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 371.272+/-677.403 χ^2/NDF : 15.7/18

asym_sam_26_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1778.619+/-0.679 χ^2/NDF : 479296.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1868.944+/-0.676 χ^2/NDF : 580687.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

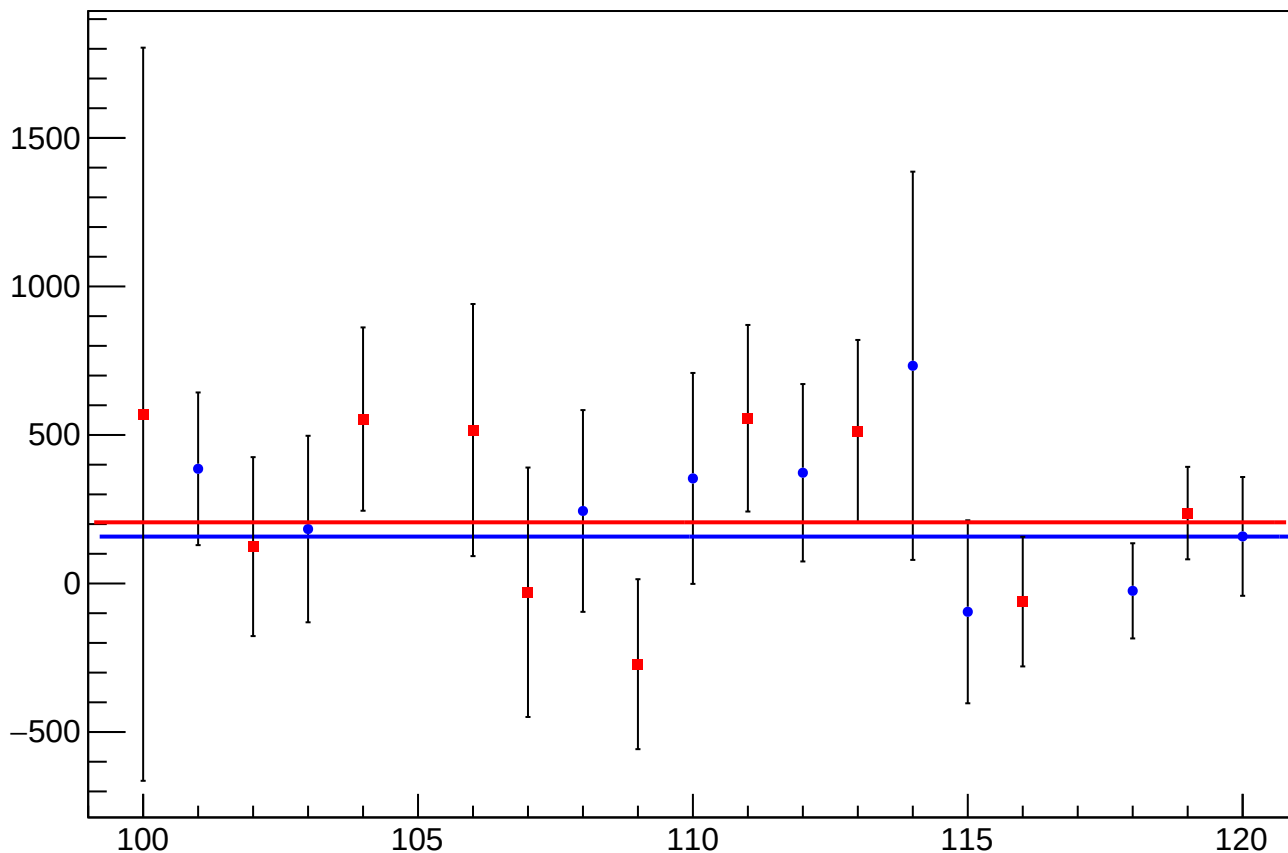
Right: 1823.990+/-0.479 χ^2/NDF : 1068873.0/18

In: 1778.619+/-0.679 χ^2/NDF : 479296.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1823.990+/-0.479 χ^2/NDF : 1068873.0/18

cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 157.921+/-87.719 χ^2/NDF : 4.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 205.970+/-88.176 χ^2/NDF : 8.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

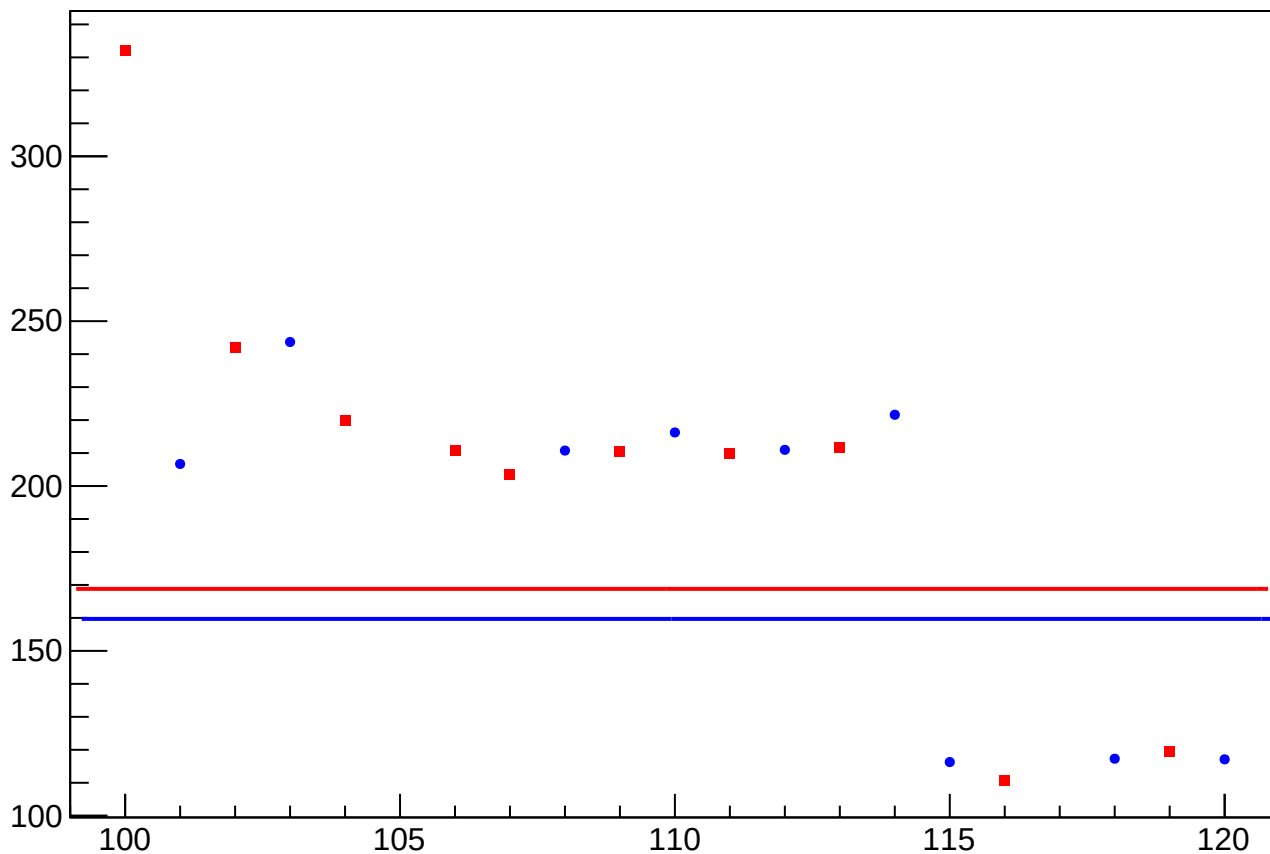
Right: 181.821+/-62.187 χ^2/NDF : 13.4/18

In: 157.921+/-87.719 χ^2/NDF : 4.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.821+/-62.187 χ^2/NDF : 13.4/18

cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 159.702 $\pm$ 0.062 χ^2 /NDF: 653380.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 168.810 $\pm$ 0.062 χ^2 /NDF: 700558.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

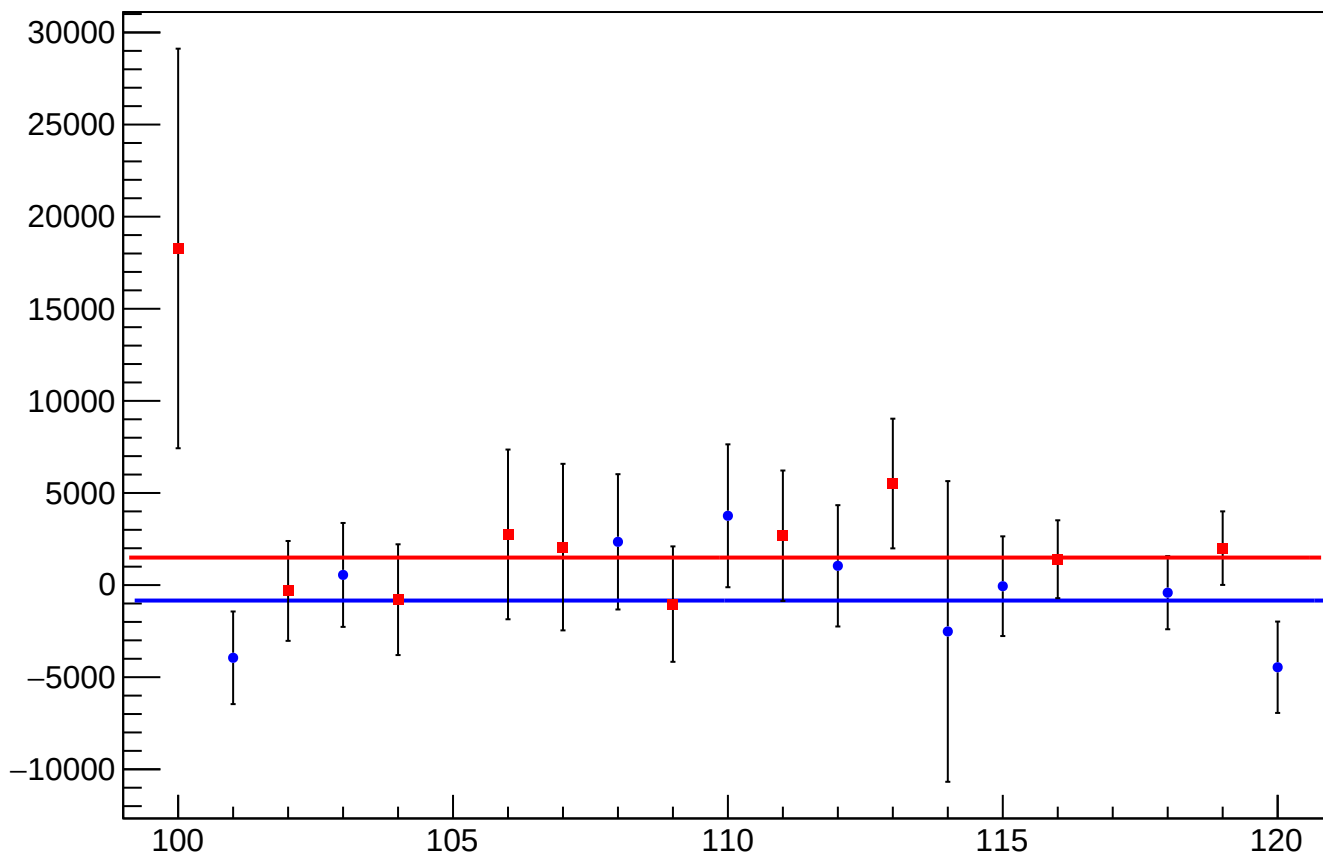
Right: 164.232 $\pm$ 0.044 χ^2 /NDF: 1364665.6/18

In: 159.702 $\pm$ 0.062 χ^2 /NDF:653380.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 164.232 $\pm$ 0.044 χ^2 /NDF: 1364665.6/18

asym_sam_26_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -839.694+/-960.215 χ^2/NDF : 6.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1493.669+/-958.550 χ^2/NDF : 5.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

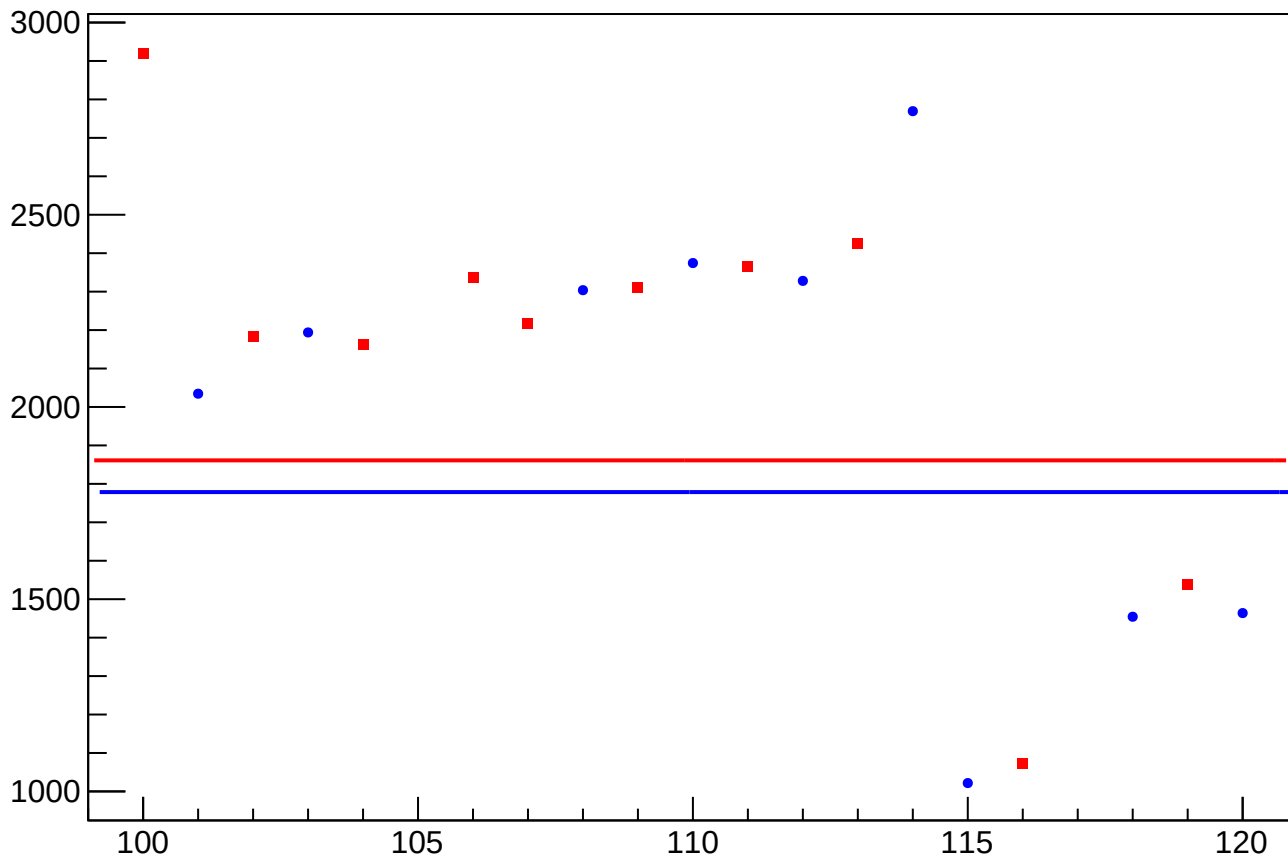
Right: 329.013+/-678.385 χ^2/NDF : 15.2/18

In: -839.694+/-960.215 χ^2/NDF : 6.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 329.013+/-678.385 χ^2/NDF : 15.2/18

asym_sam_26_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1778.627+/-0.679 χ^2/NDF : 479316.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1861.105+/-0.678 χ^2/NDF : 565967.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

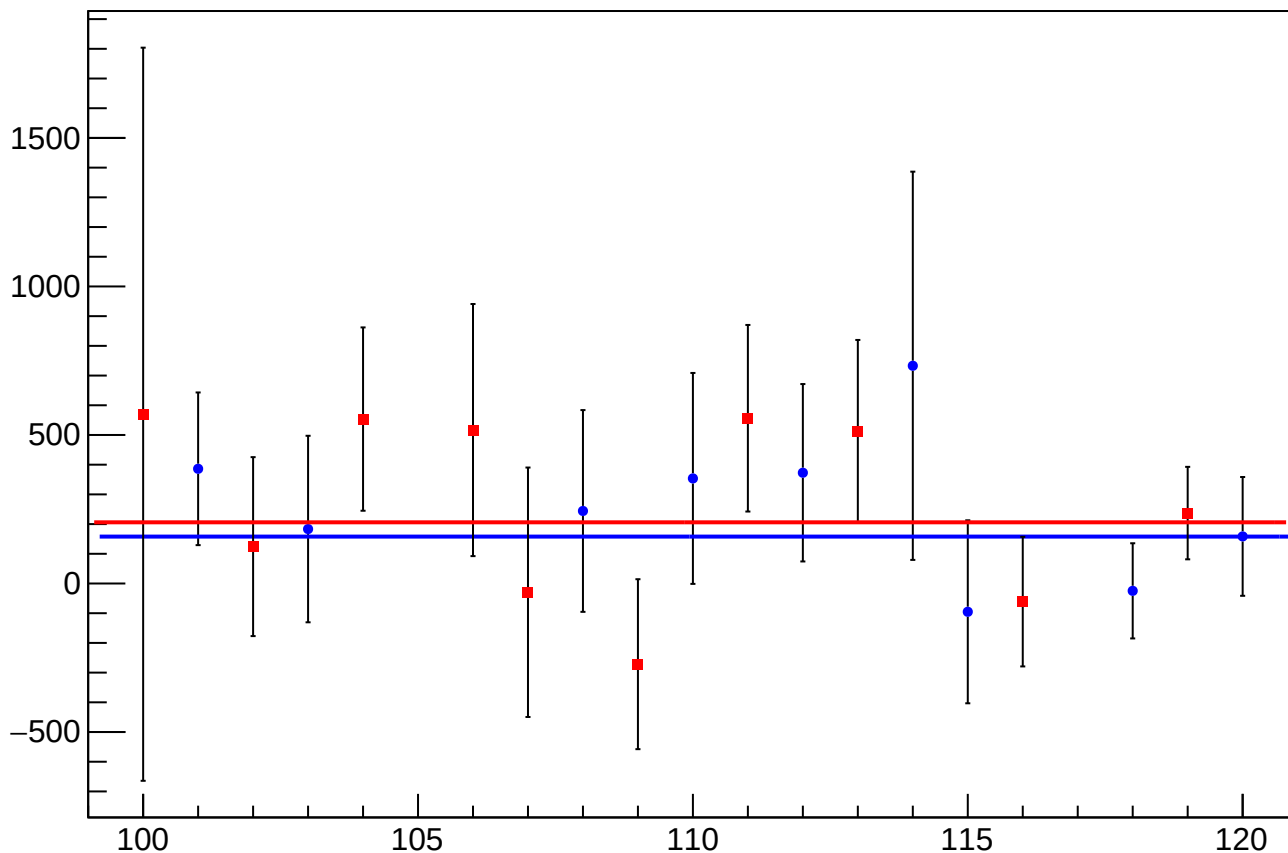
Right: 1819.937+/-0.480 χ^2/NDF : 1052674.8/18

In: 1778.627+/-0.679 χ^2/NDF : 479316.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1819.937+/-0.480 χ^2/NDF : 1052674.8/18

eigen_cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 157.921+/-87.719 χ^2/NDF : 4.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 205.970+/-88.176 χ^2/NDF : 8.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

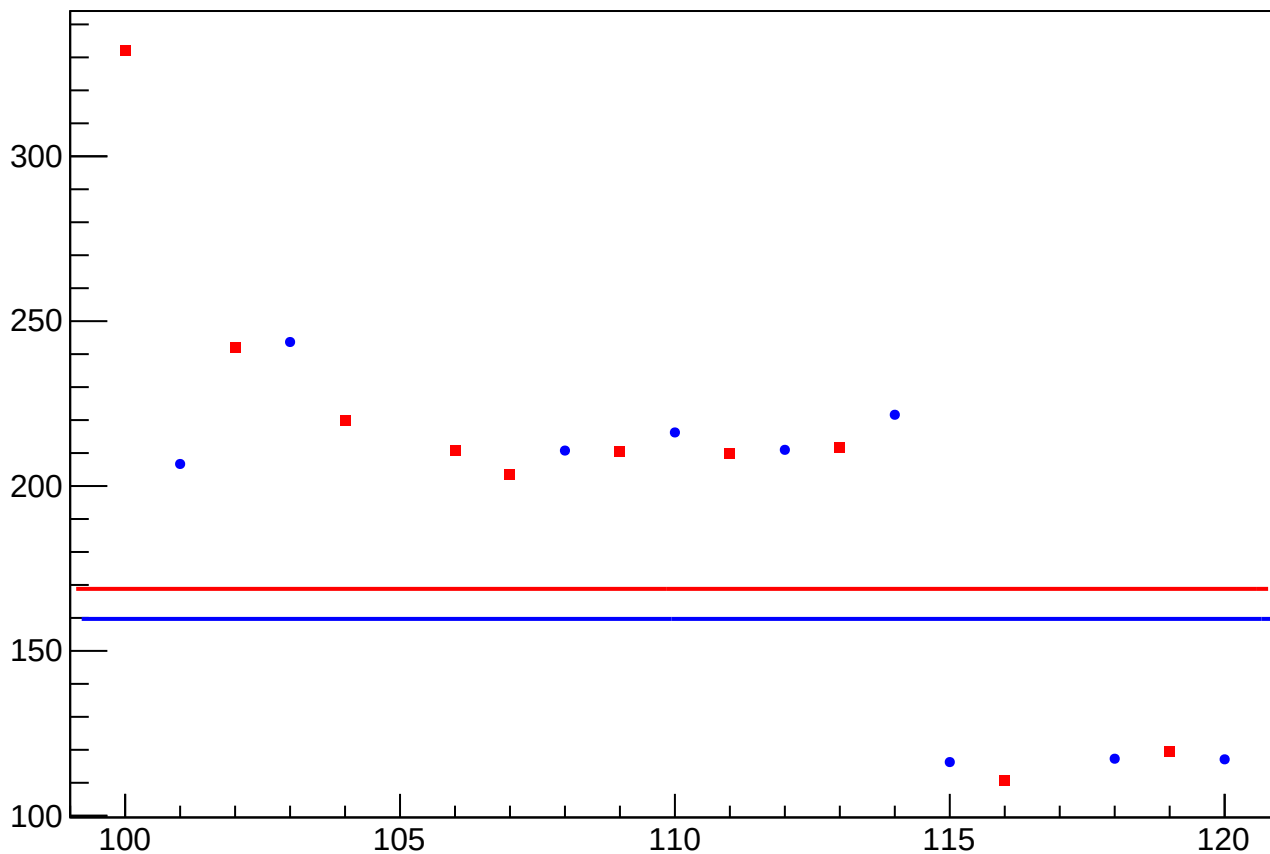
Right: 181.821+/-62.187 χ^2/NDF : 13.4/18

In: 157.921+/-87.719 χ^2/NDF : 4.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.821+/-62.187 χ^2/NDF : 13.4/18

eigen_cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 159.702+/-0.062 χ^2/NDF : 653380.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 168.810+/-0.062 χ^2/NDF : 700558.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

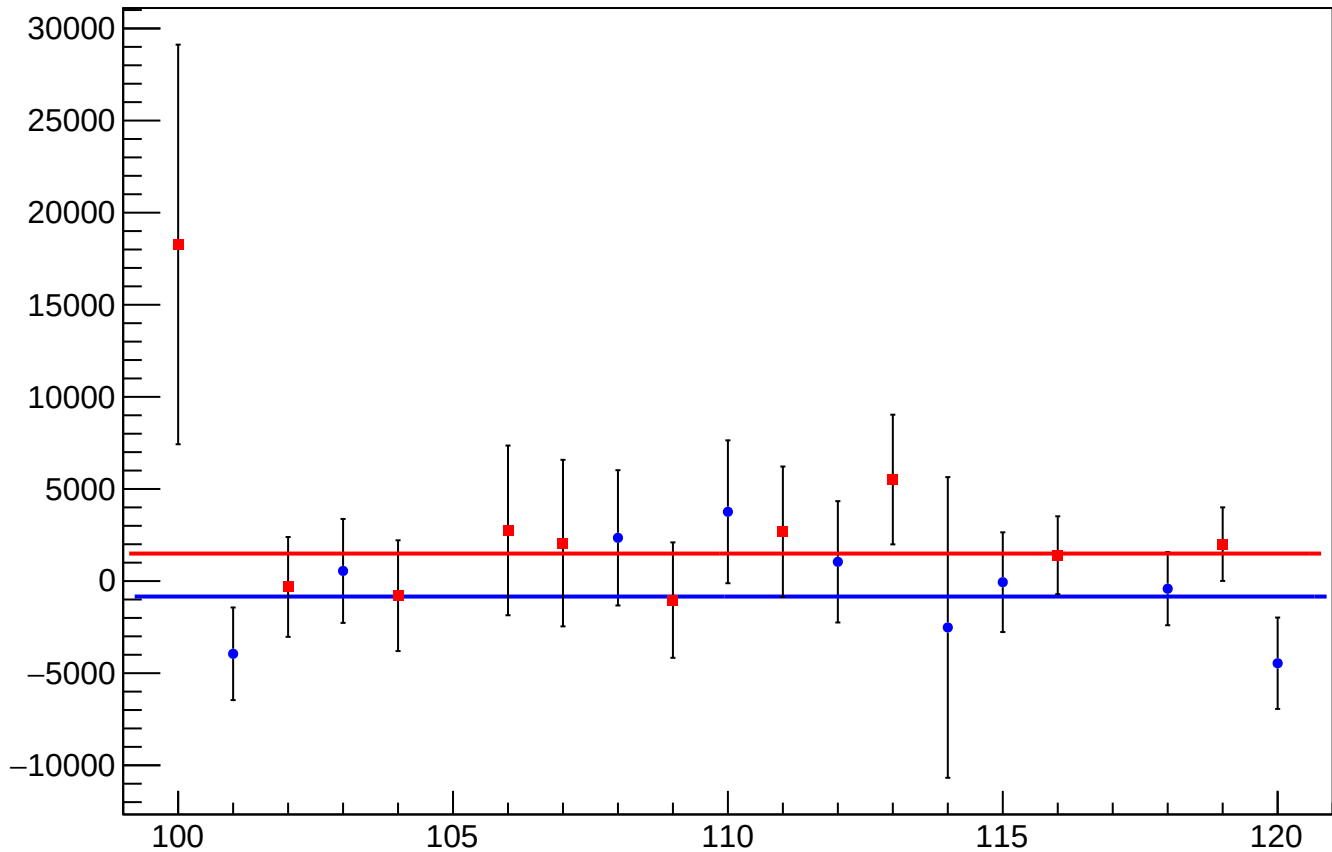
Right: 164.232+/-0.044 χ^2/NDF : 1364665.6/18

In: 159.702+/-0.062 χ^2/NDF : 653380.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.232+/-0.044 χ^2/NDF : 1364665.6/18

asym_sam_26_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -839.694+/-960.215 χ^2/NDF : 6.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1493.669+/-958.550 χ^2/NDF : 5.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

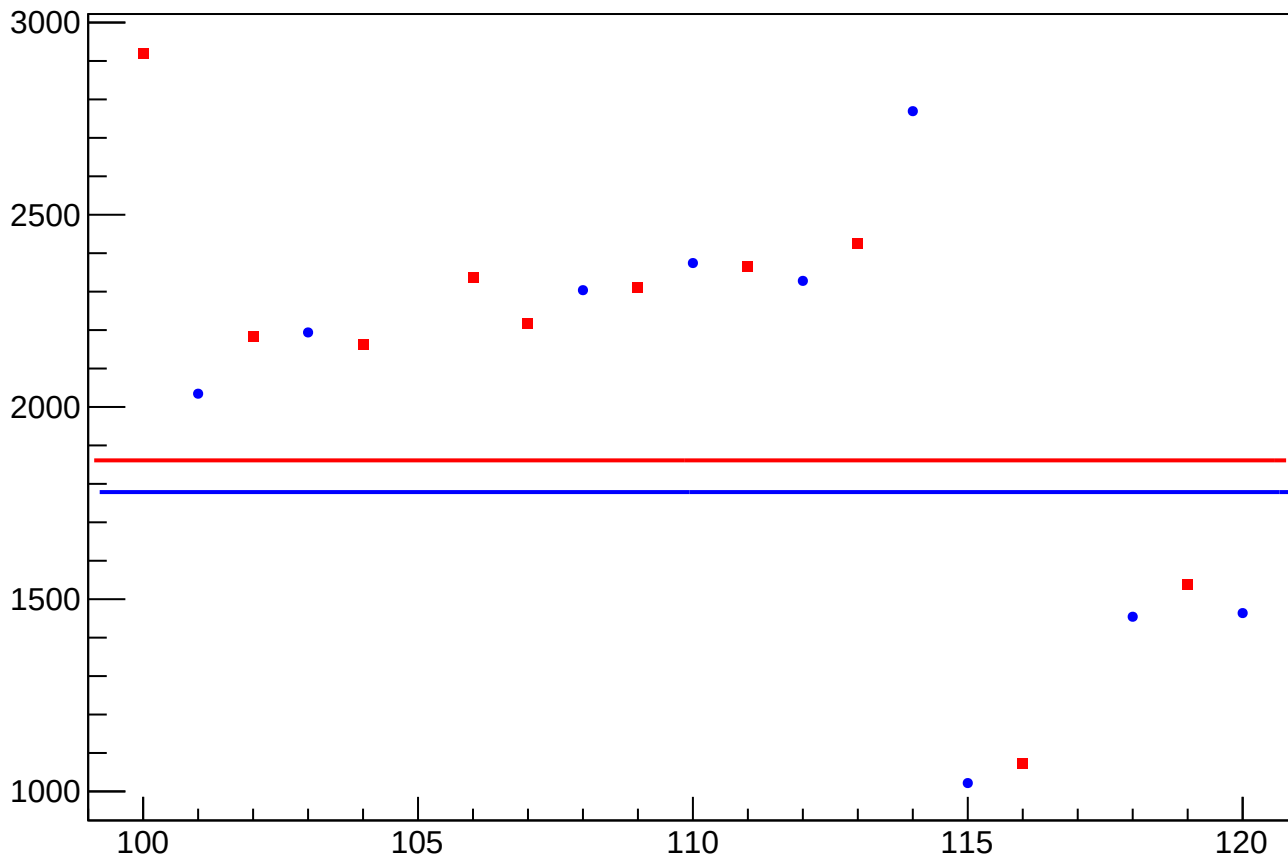
Right: 329.013+/-678.385 χ^2/NDF : 15.2/18

In: -839.694+/-960.215 χ^2/NDF : 6.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 329.013+/-678.385 χ^2/NDF : 15.2/18

asym_sam_26_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1778.627+/-0.679 χ^2/NDF : 479316.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1861.105+/-0.678 χ^2/NDF : 565967.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

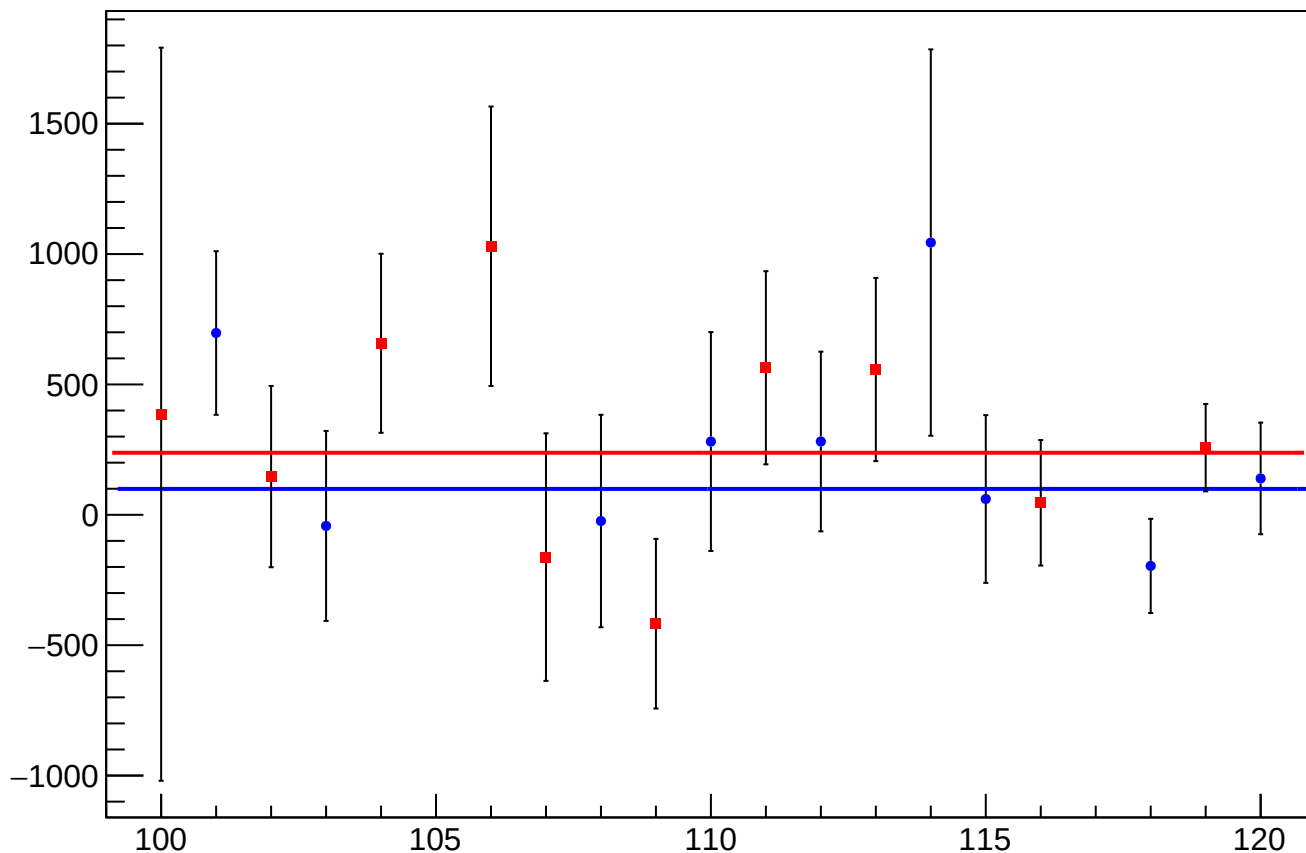
Right: 1819.937+/-0.480 χ^2/NDF : 1052674.8/18

In: 1778.627+/-0.679 χ^2/NDF : 479316.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1819.937+/-0.480 χ^2/NDF : 1052674.8/18

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 99.404+/-99.138 χ^2/NDF : 8.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 238.114+/-98.562 χ^2/NDF : 10.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

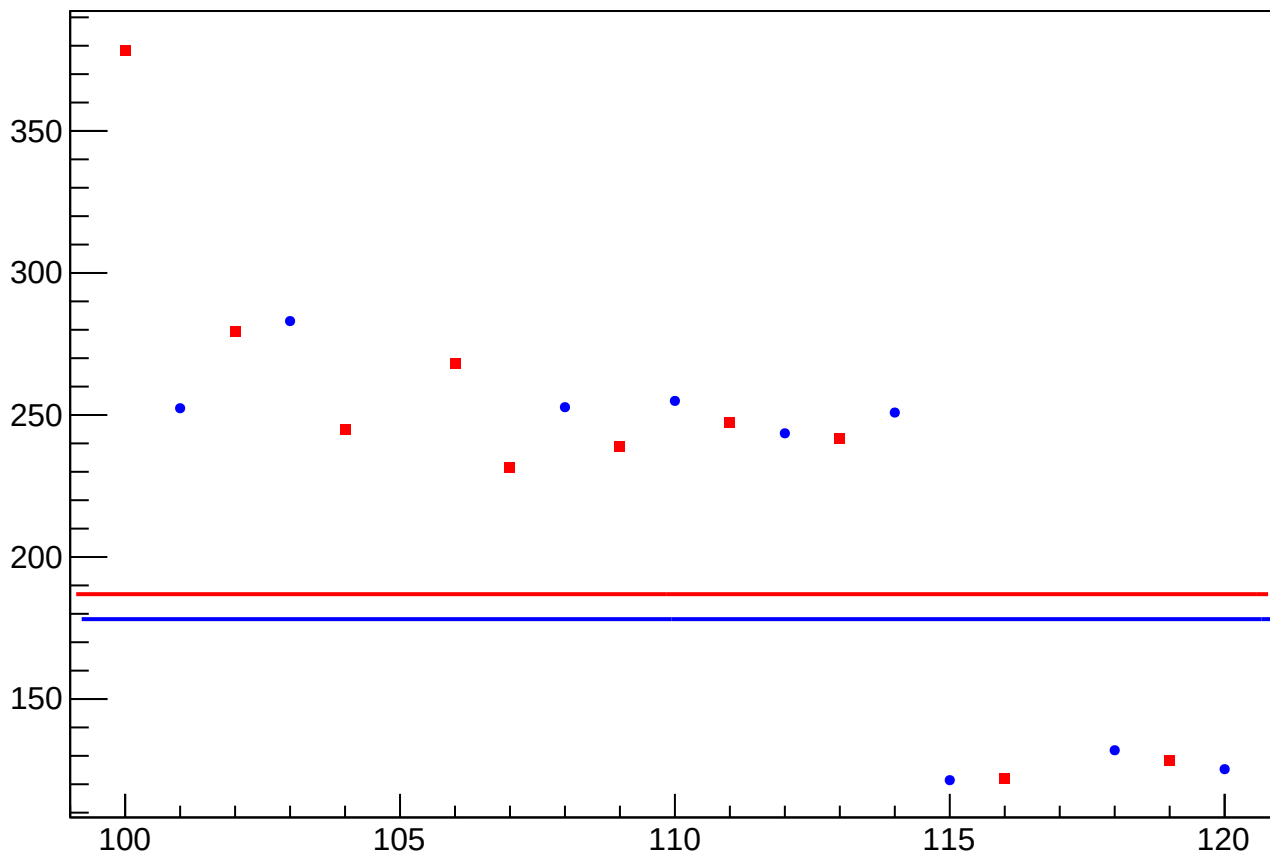
Right: 169.163+/-69.896 χ^2/NDF : 20.5/18

In: 99.404+/-99.138 χ^2/NDF : 8.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.163+/-69.896 χ^2/NDF : 20.5/18

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 178.128+/-0.070 χ^2/NDF : 817785.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 186.921+/-0.070 χ^2/NDF : 842582.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

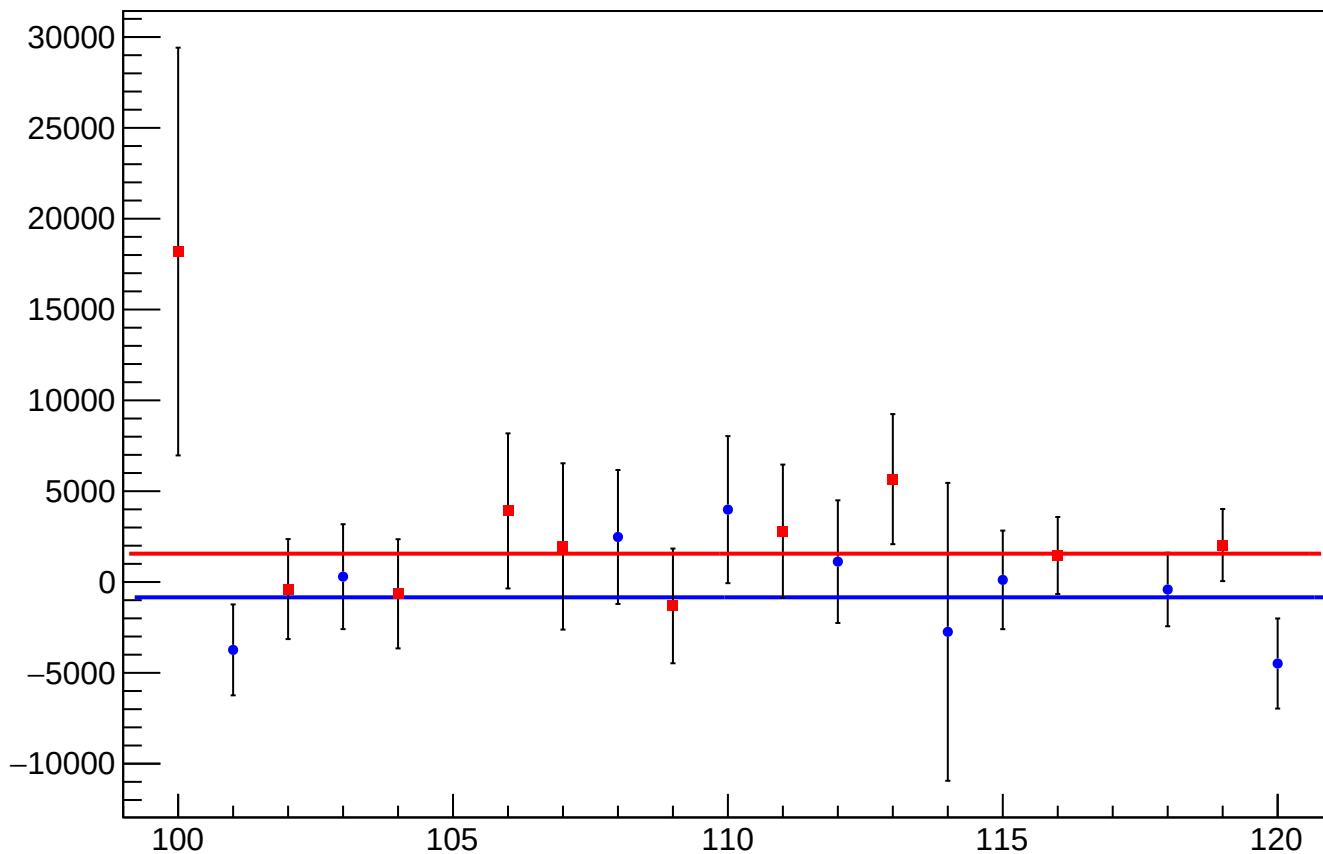
Right: 182.550+/-0.049 χ^2/NDF : 1668279.9/18

In: 178.128+/-0.070 χ^2/NDF : 817785.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.550+/-0.049 χ^2/NDF : 1668279.9/18

asym_sam_26_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -841.887+/-971.503 χ^2/NDF : 6.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1560.707+/-961.194 χ^2/NDF : 5.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

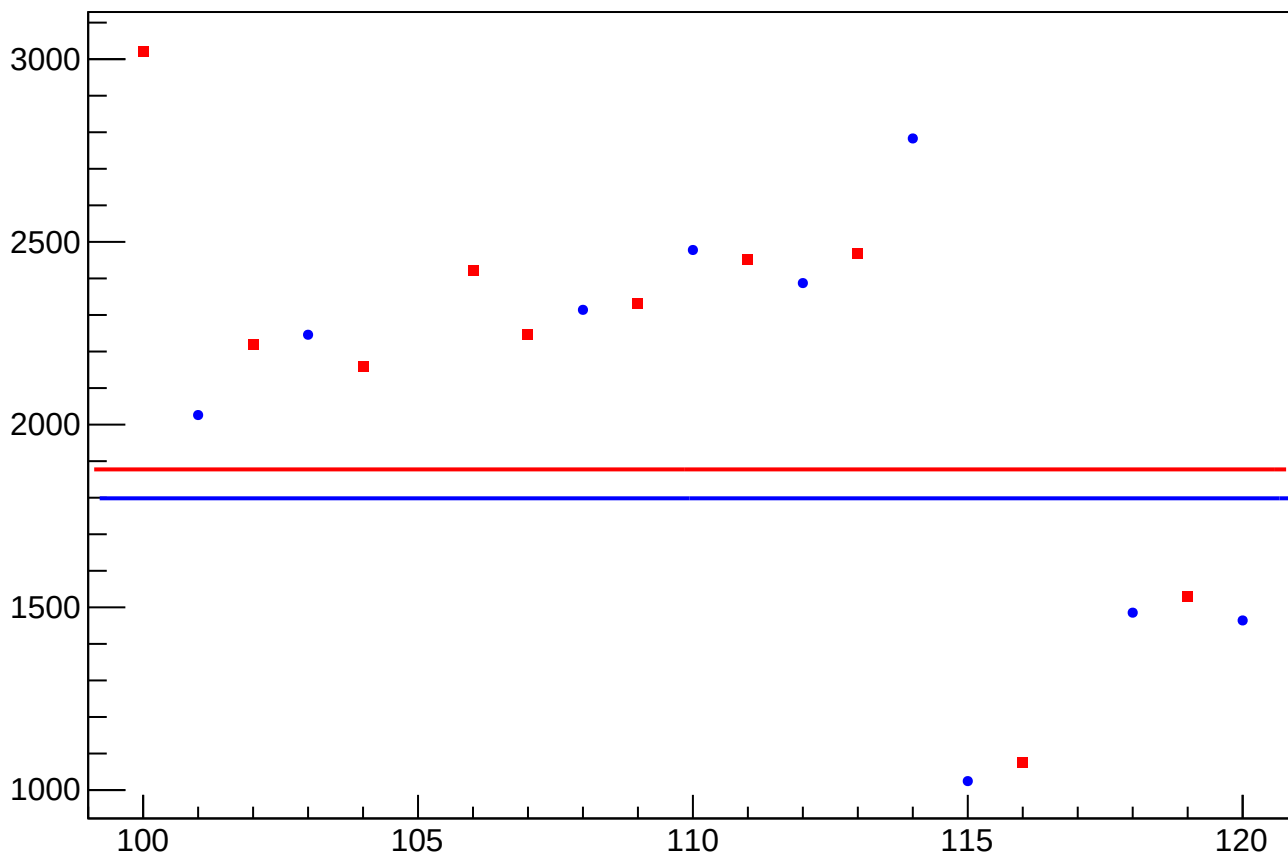
Right: 372.226+/-683.283 χ^2/NDF : 15.4/18

In: -841.887+/-971.503 χ^2/NDF : 6.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 372.226+/-683.283 χ^2/NDF : 15.4/18

asym_sam_26_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1798.356+/-0.687 χ^2/NDF : 496697.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1877.455+/-0.680 χ^2/NDF : 607185.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

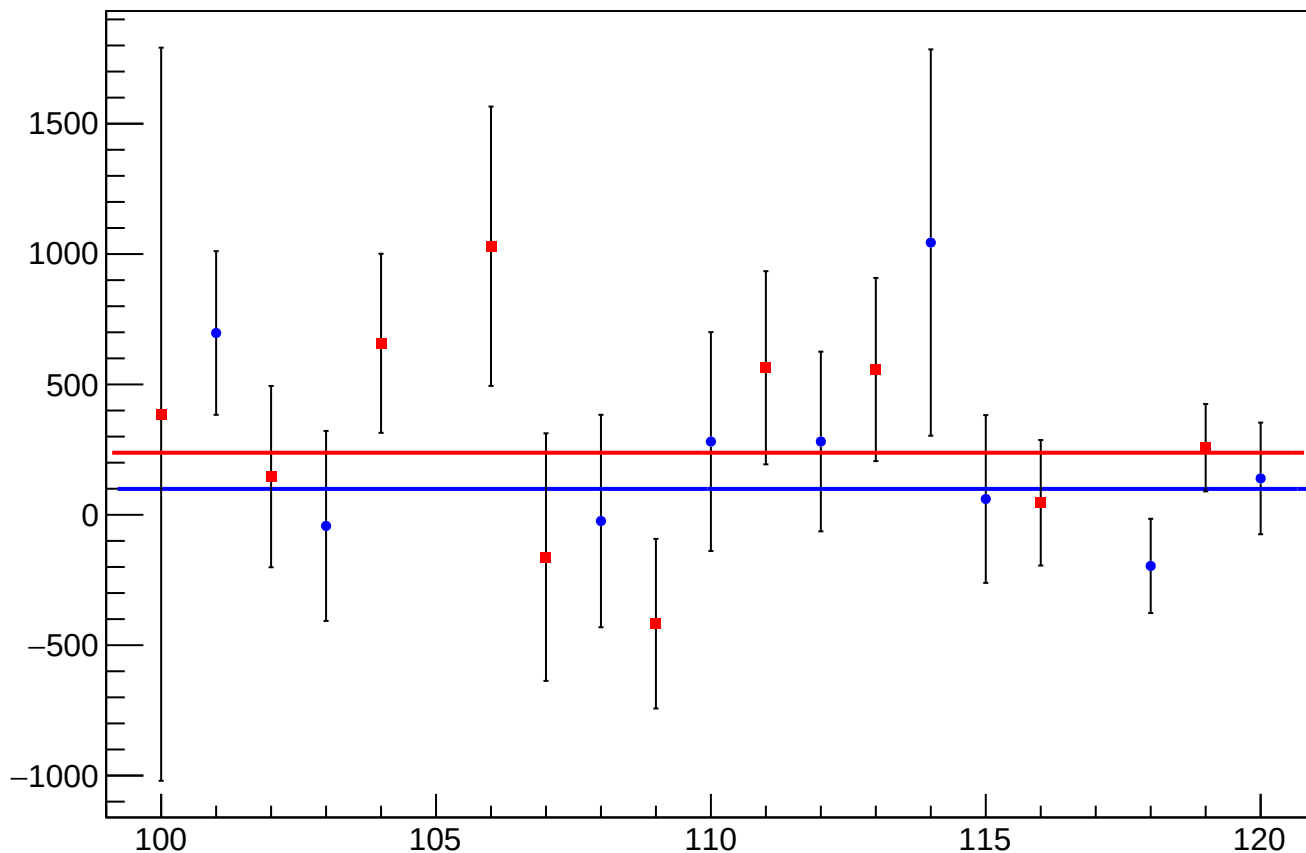
Right: 1838.328+/-0.483 χ^2/NDF : 1110583.3/18

In: 1798.356+/-0.687 χ^2/NDF : 496697.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1838.328+/-0.483 χ^2/NDF : 1110583.3/18

eigen_dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 99.408+/-99.137 χ^2/NDF : 8.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 238.112+/-98.562 χ^2/NDF : 10.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

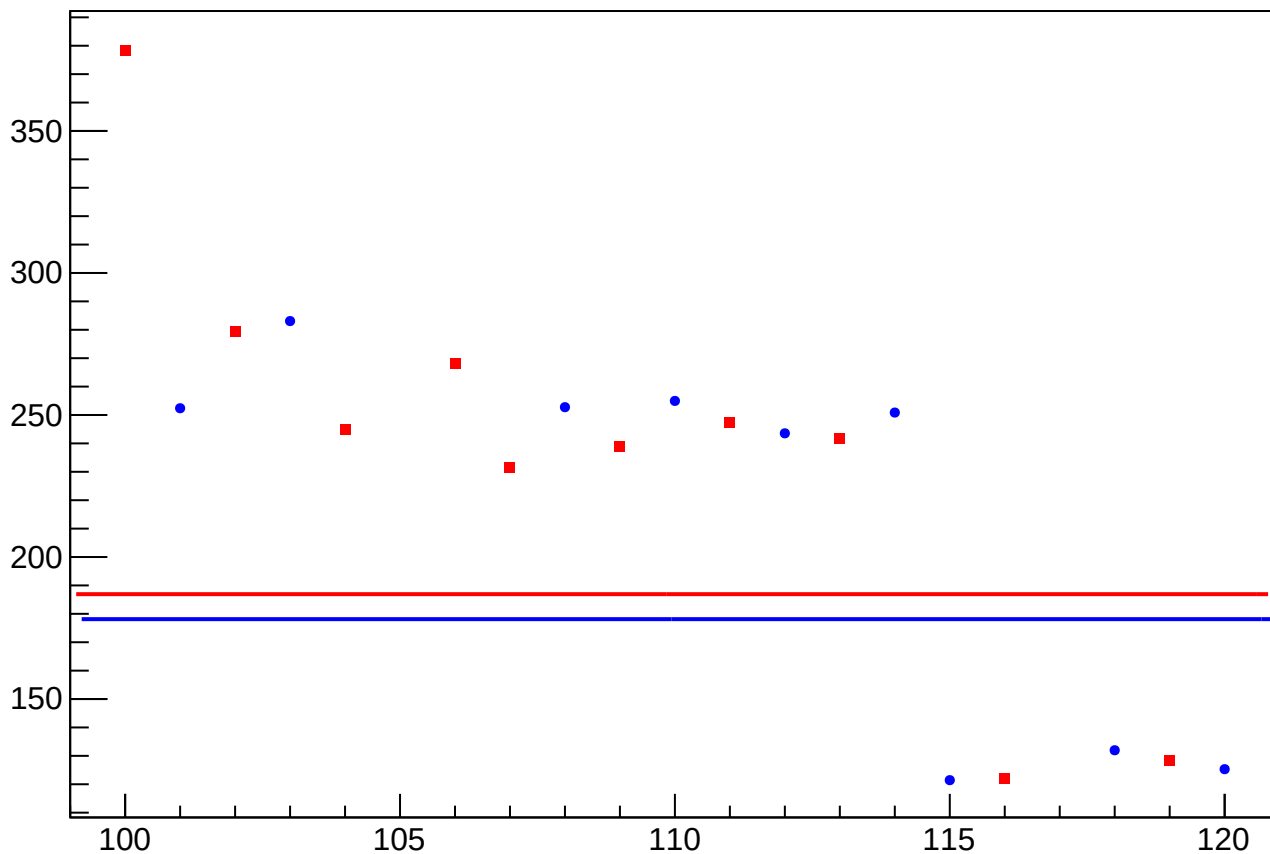
Right: 169.164+/-69.896 χ^2/NDF : 20.5/18

In: 99.408+/-99.137 χ^2/NDF : 8.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.164+/-69.896 χ^2/NDF : 20.5/18

eigen_dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 178.128+/-0.070 χ^2/NDF : 817770.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 186.921+/-0.070 χ^2/NDF : 842554.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

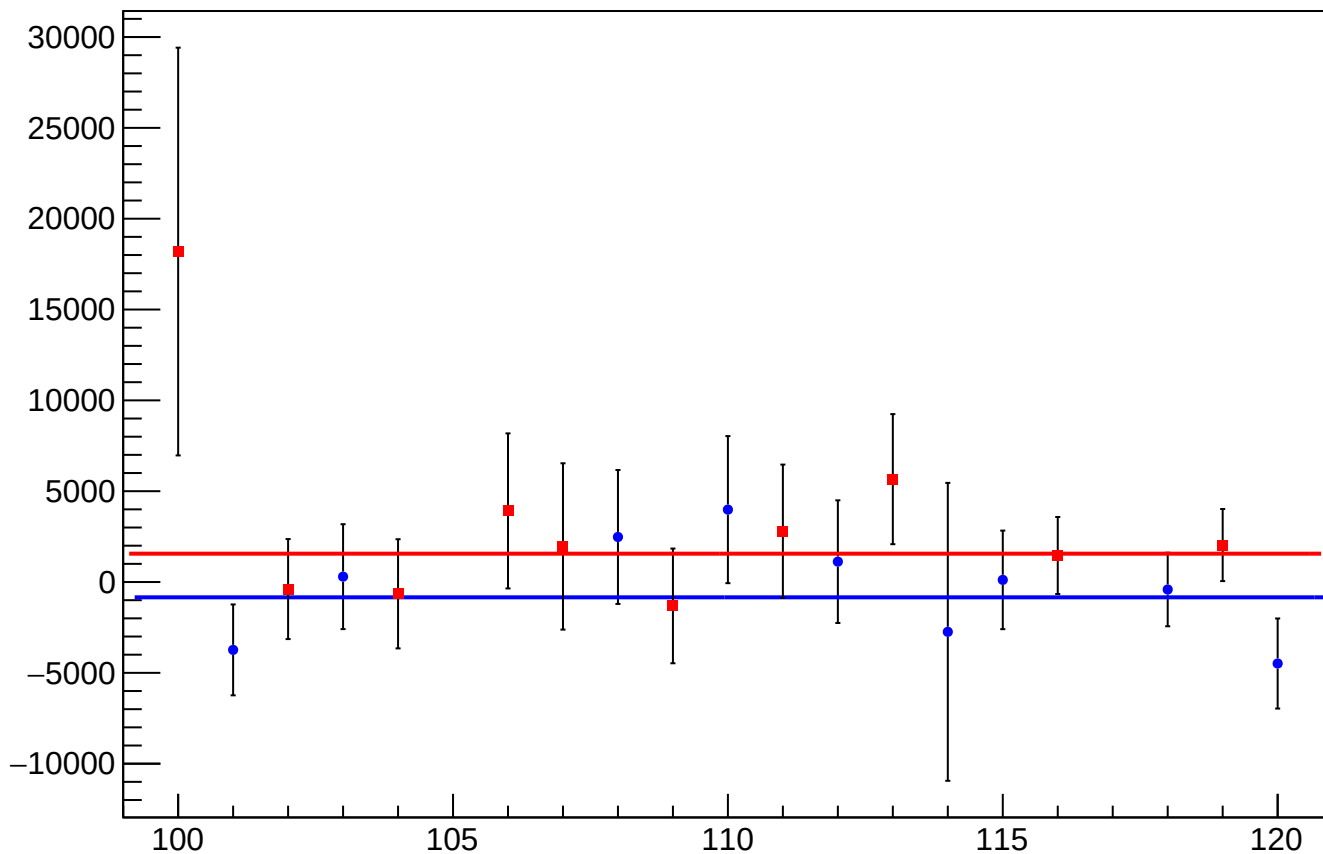
Right: 182.550+/-0.049 χ^2/NDF : 1668237.1/18

In: 178.128+/-0.070 χ^2/NDF : 817770.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.550+/-0.049 χ^2/NDF : 1668237.1/18

asym_sam_26_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -841.885+/-971.501 χ^2/NDF : 6.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1560.707+/-961.192 χ^2/NDF : 5.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

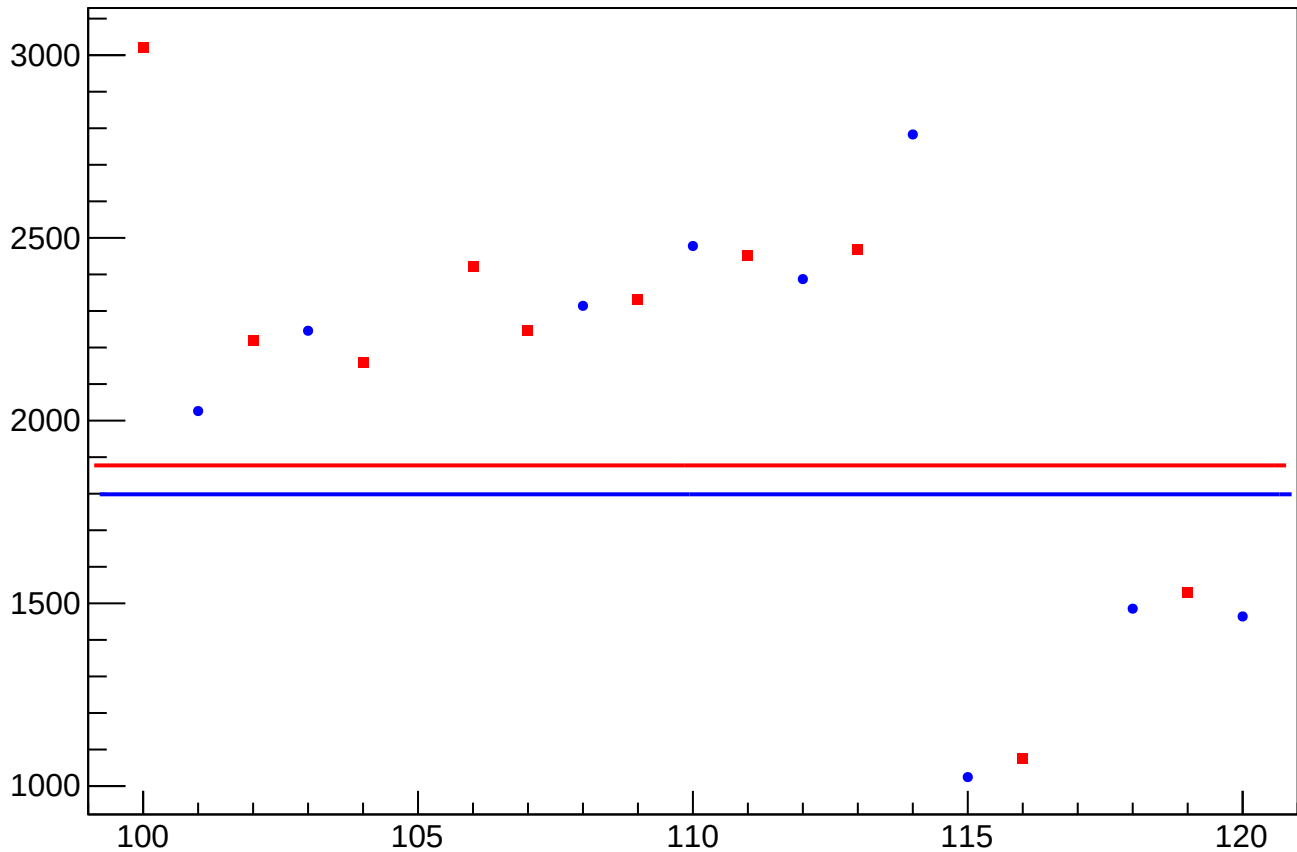
Right: 372.227+/-683.281 χ^2/NDF : 15.4/18

In: -841.885+/-971.501 χ^2/NDF : 6.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 372.227+/-683.281 χ^2/NDF : 15.4/18

asym_sam_26_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1798.353+/-0.687 χ^2/NDF : 496689.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1877.452+/-0.680 χ^2/NDF : 607176.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

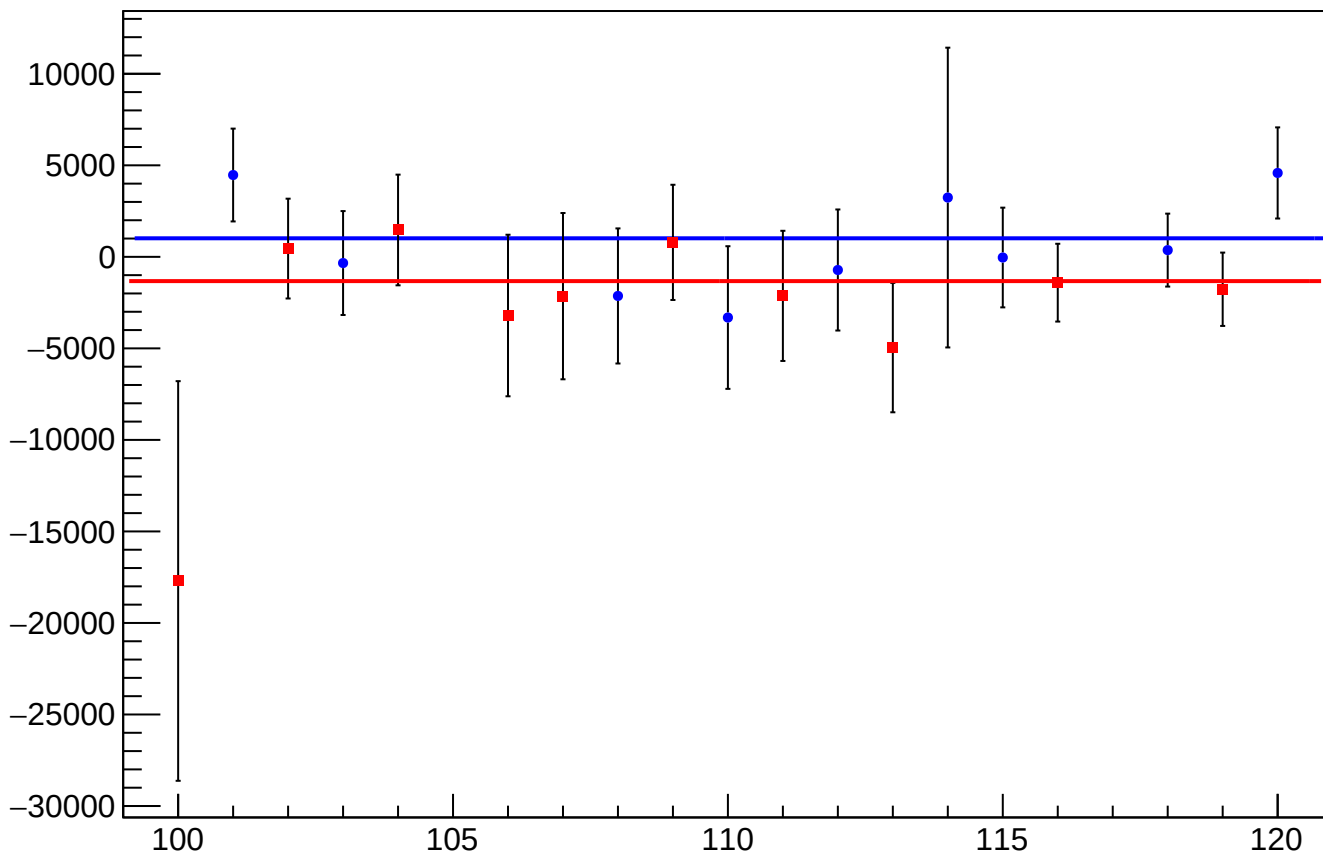
Right: 1838.325+/-0.483 χ^2/NDF : 1110566.5/18

In: 1798.353+/-0.687 χ^2/NDF : 496689.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1838.325+/-0.483 χ^2/NDF : 1110566.5/18

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1013.591+/-965.138 χ^2/NDF : 6.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1325.444+/-960.901 χ^2/NDF : 5.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

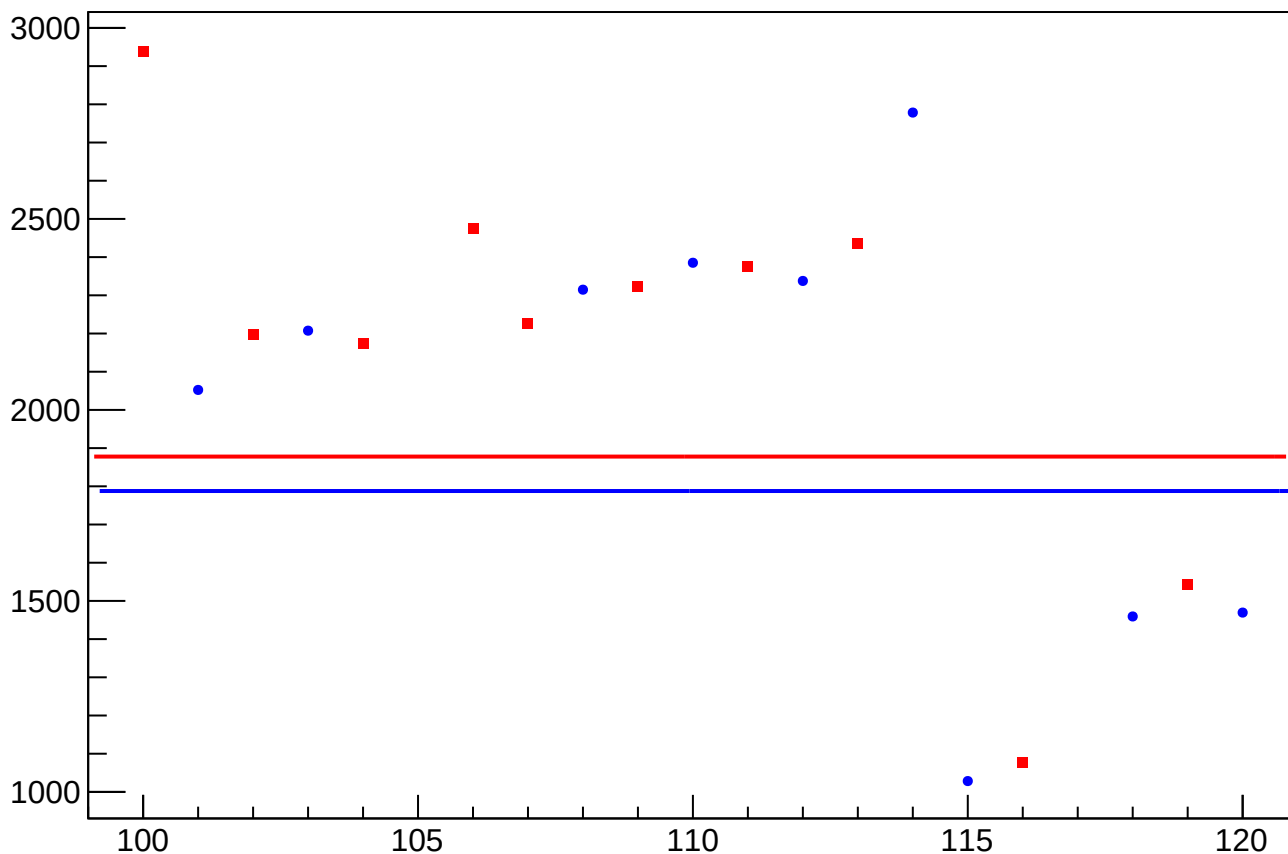
Right: -161.072+/-680.952 χ^2/NDF : 15.0/18

In: 1013.591+/-965.138 χ^2/NDF : 6.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -161.072+/-680.952 χ^2/NDF : 15.0/18

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1787.703+/-0.682 χ^2/NDF : 480463.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1877.855+/-0.679 χ^2/NDF : 581879.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

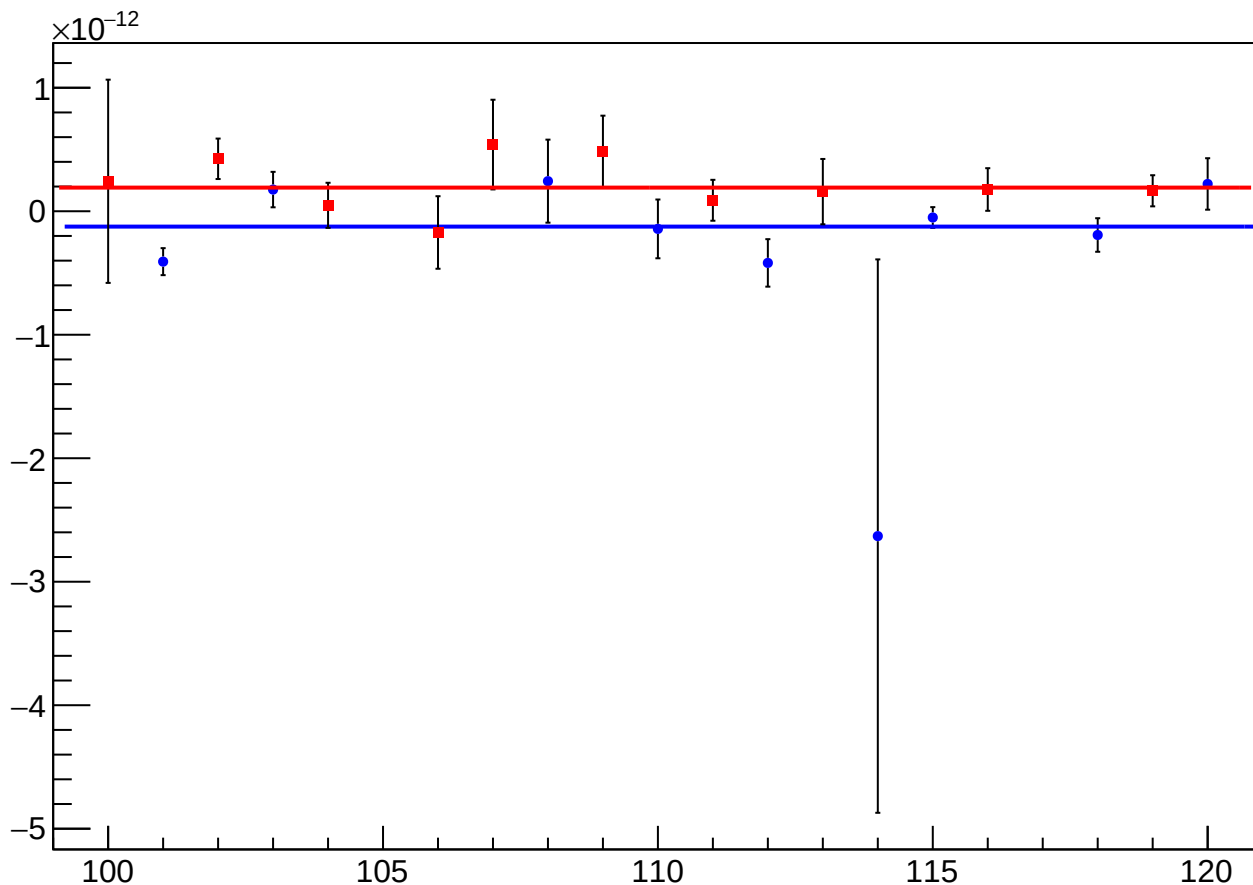
Right: 1832.978+/-0.482 χ^2/NDF : 1071106.3/18

In: 1787.703+/-0.682 χ^2/NDF : 480463.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1832.978+/-0.482 χ^2/NDF : 1071106.3/18

asym_sam_26_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 19.7/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 6.6/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

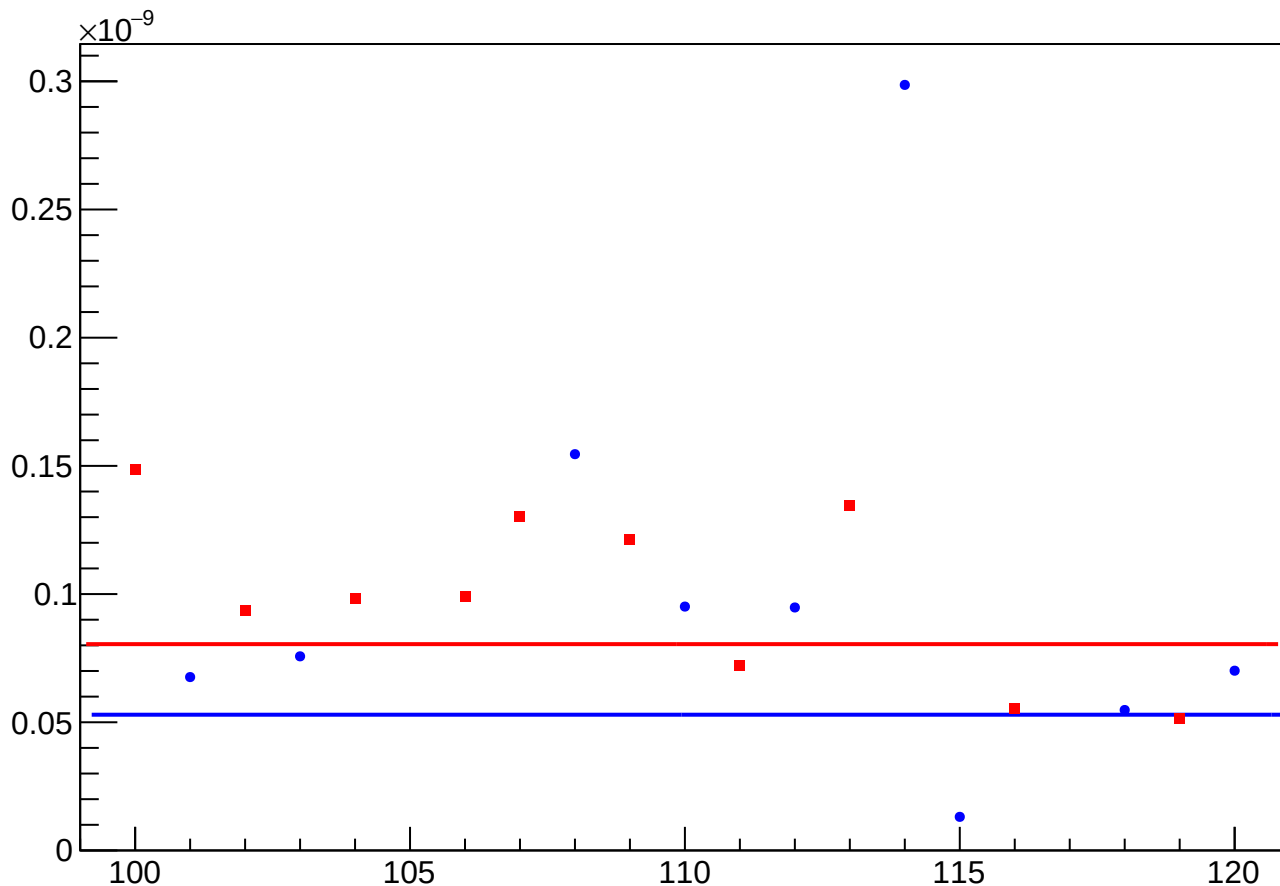
Right: -0.000 ± 0.000 χ^2/NDF : 41.5/18

In: -0.000 ± 0.000 χ^2/NDF : 19.7/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 41.5/18

asym_sam_26_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 915114.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 366416.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

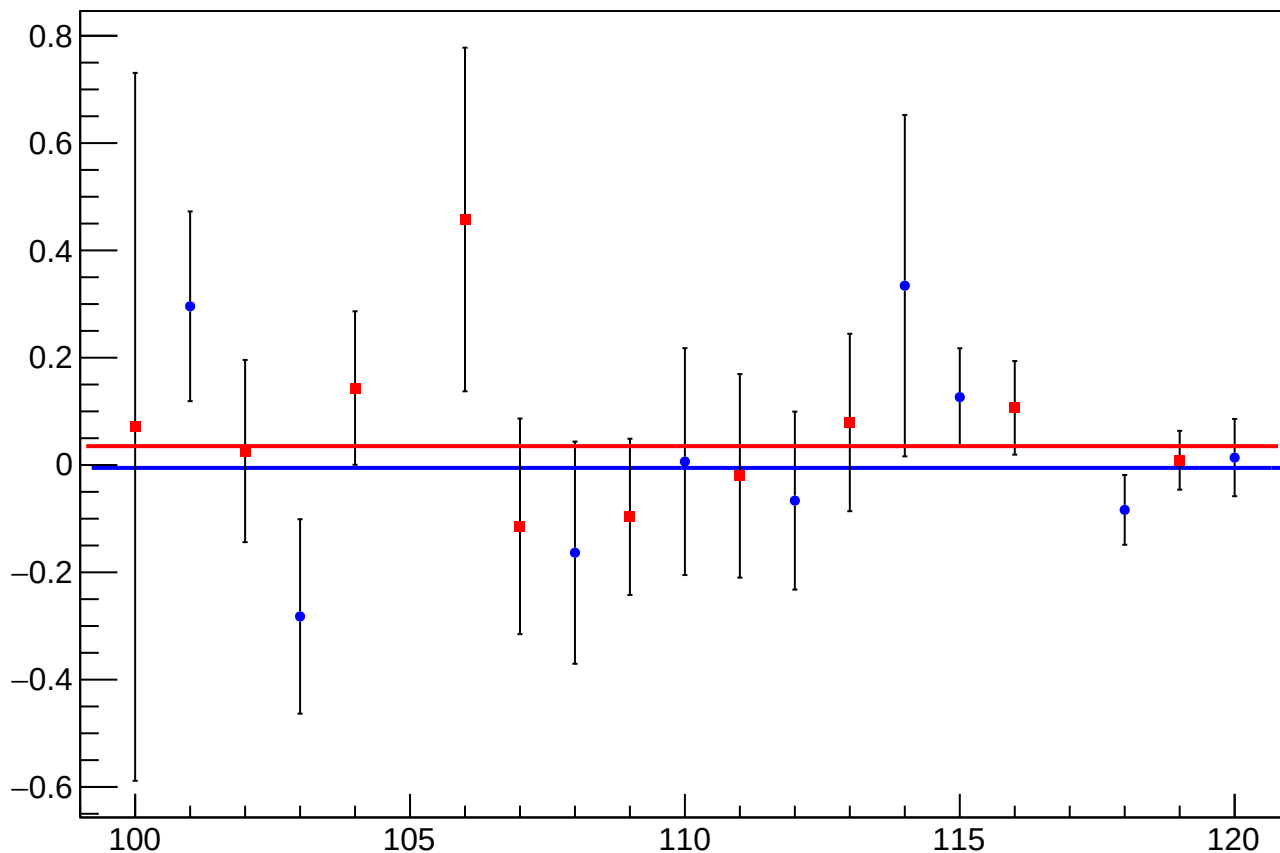
Right: 0.000+/-0.000 χ^2/NDF : 1514154.9/18

In: 0.000+/-0.000 χ^2/NDF : 915114.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1514154.9/18

asym_sam_26_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005+/-0.038 χ^2/NDF : 10.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.035+/-0.038 χ^2/NDF : 4.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

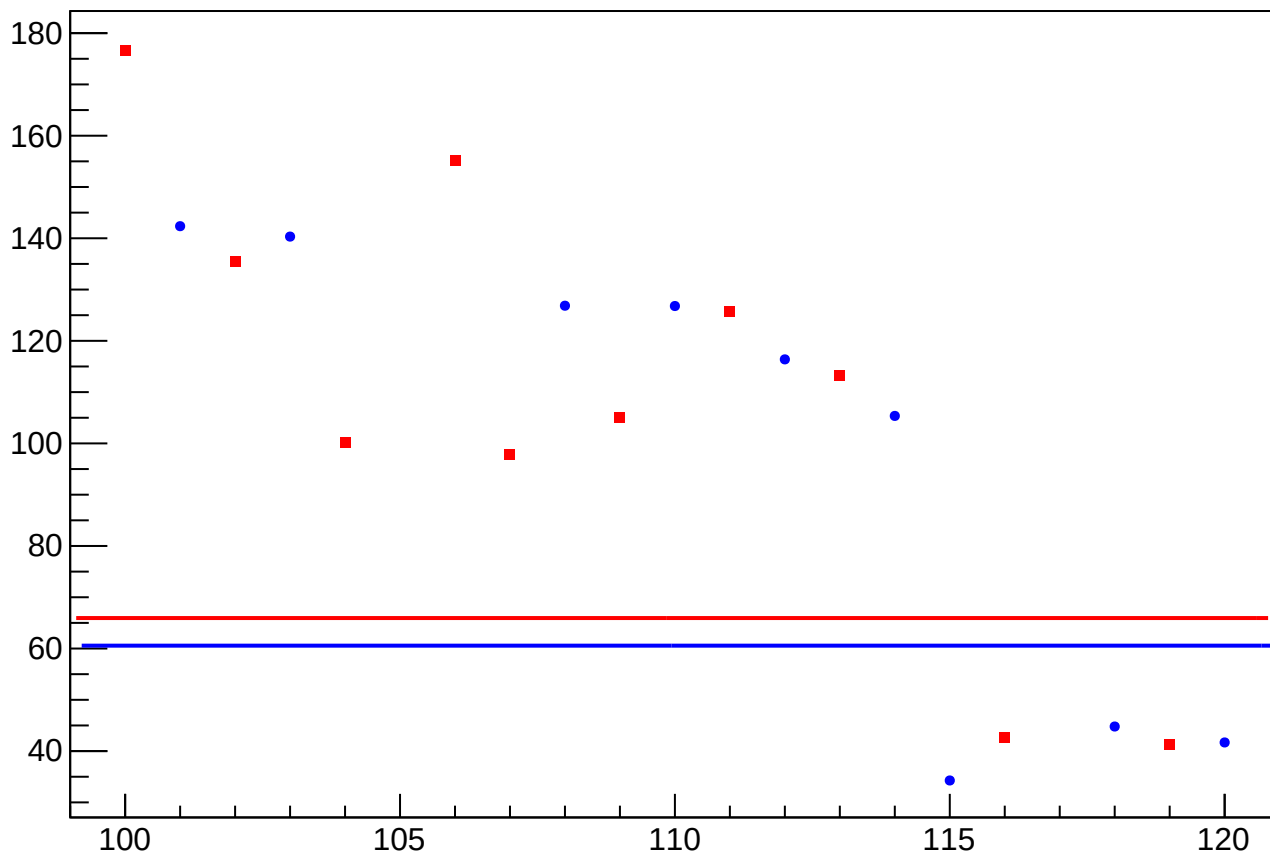
Right: 0.015+/-0.027 χ^2/NDF : 16.0/18

In: -0.005+/-0.038 χ^2/NDF :10.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.027 χ^2/NDF : 16.0/18

asym_sam_26_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.562+/-0.027 χ^2/NDF : 1904755.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.945+/-0.027 χ^2/NDF : 1764176.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

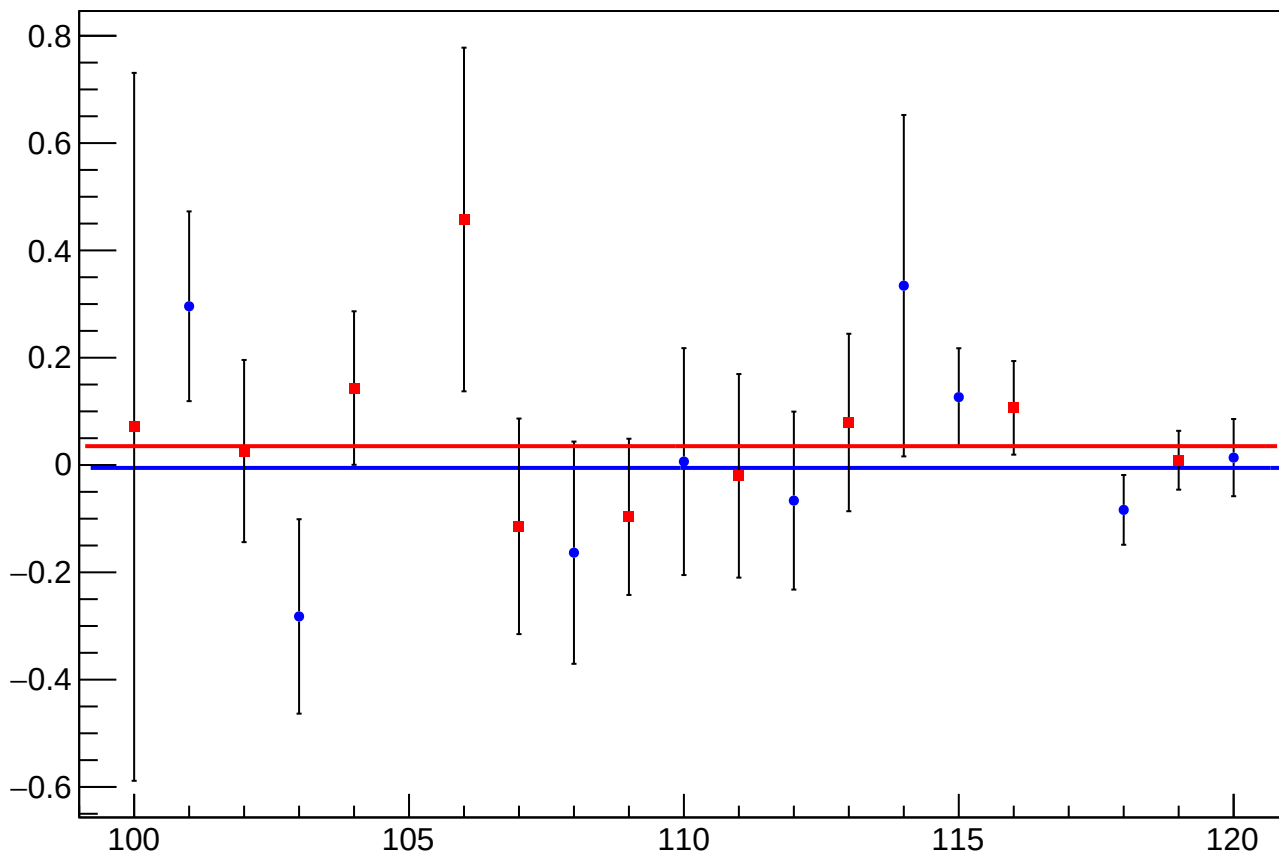
Right: 63.237+/-0.019 χ^2/NDF : 3689223.1/18

In: 60.562+/-0.027 χ^2/NDF : 1904755.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.237+/-0.019 χ^2/NDF : 3689223.1/18

asym_sam_26_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 ± 0.038 χ^2/NDF : 10.7/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.035 ± 0.038 χ^2/NDF : 4.7/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

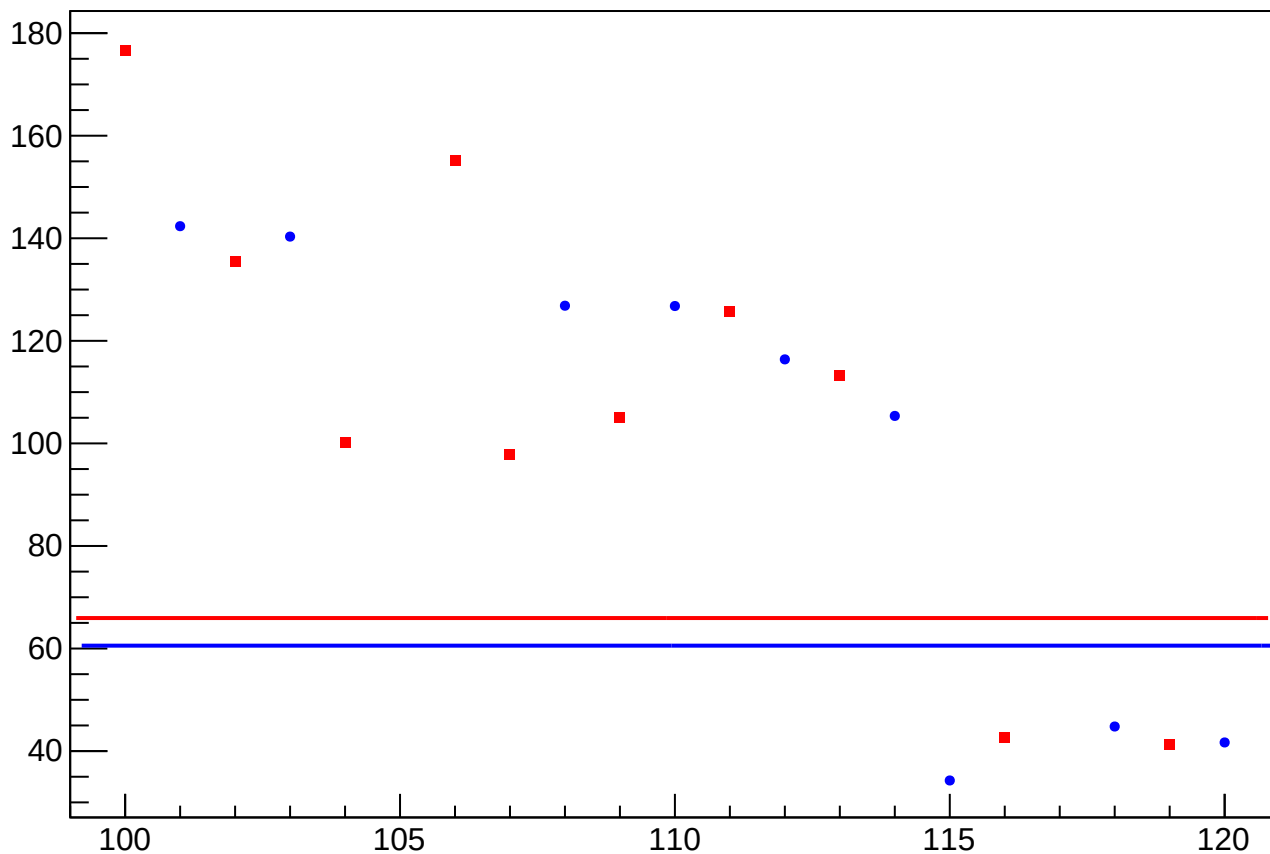
Right: 0.015 ± 0.027 χ^2/NDF : 16.0/18

In: -0.005 ± 0.038 χ^2/NDF : 10.7/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.015 ± 0.027 χ^2/NDF : 16.0/18

asym_sam_26_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.562+/-0.027 χ^2/NDF : 1904755.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.945+/-0.027 χ^2/NDF : 1764176.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

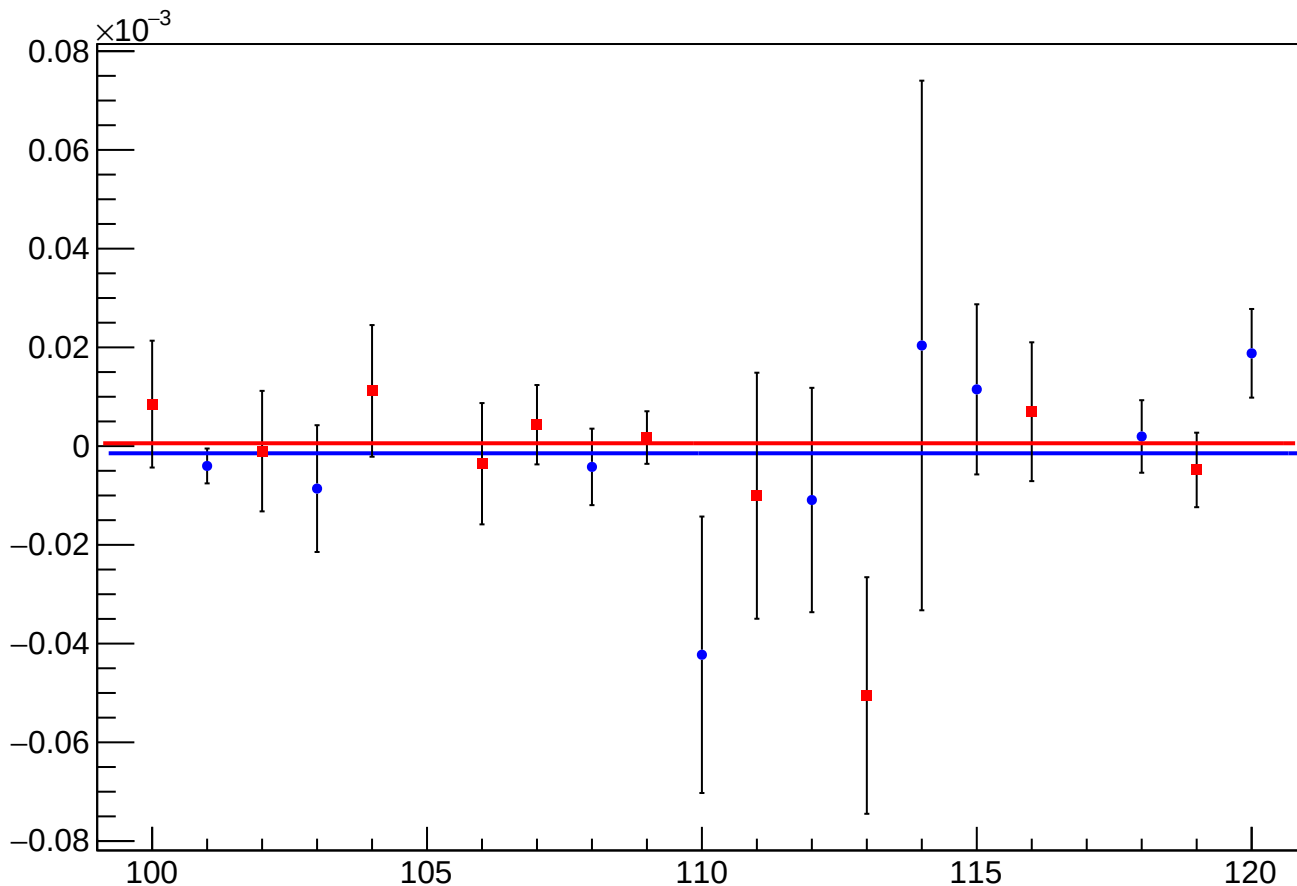
Right: 63.237+/-0.019 χ^2/NDF : 3689223.1/18

In: 60.562+/-0.027 χ^2/NDF : 1904755.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.237+/-0.019 χ^2/NDF : 3689223.1/18

asym_sam_26_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

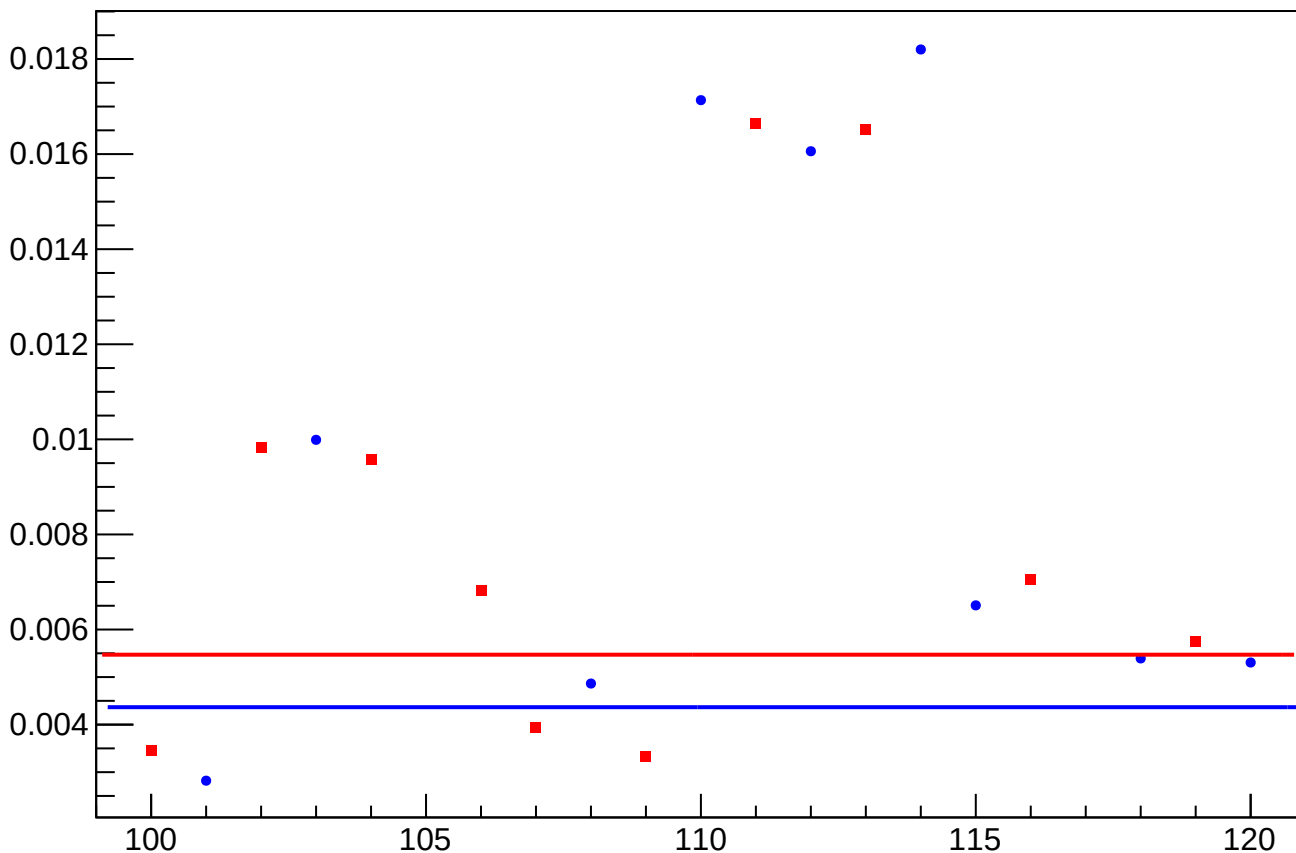
Right: -0.000+/-0.000 χ^2/NDF : 16.4/18

In: -0.000+/-0.000 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.4/18

asym_sam_26_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 1945462.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1767839.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

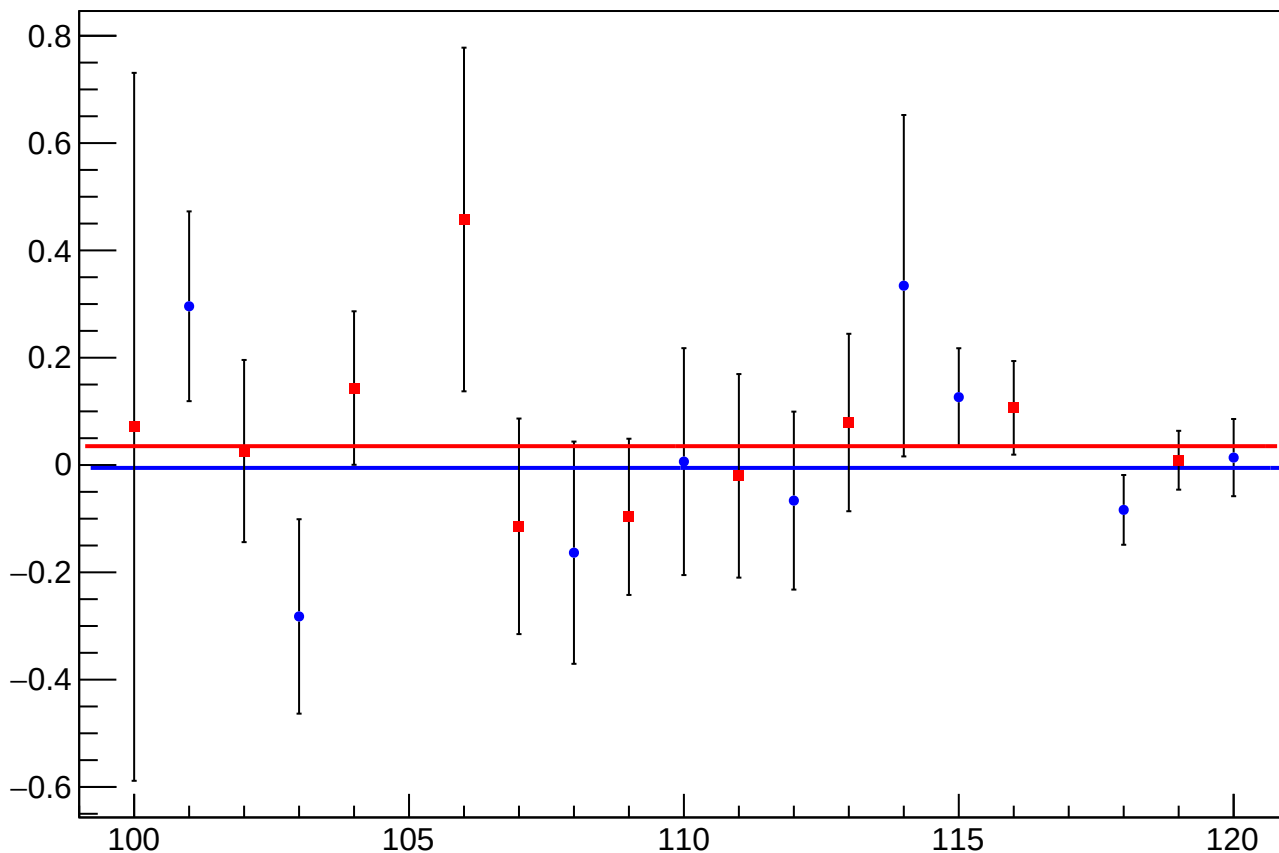
Right: 0.005+/-0.000 χ^2/NDF : 3857317.7/18

In: 0.004+/-0.000 χ^2/NDF :1945462.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 3857317.7/18

asym_sam_26_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005+/-0.038 χ^2/NDF : 10.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.035+/-0.038 χ^2/NDF : 4.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

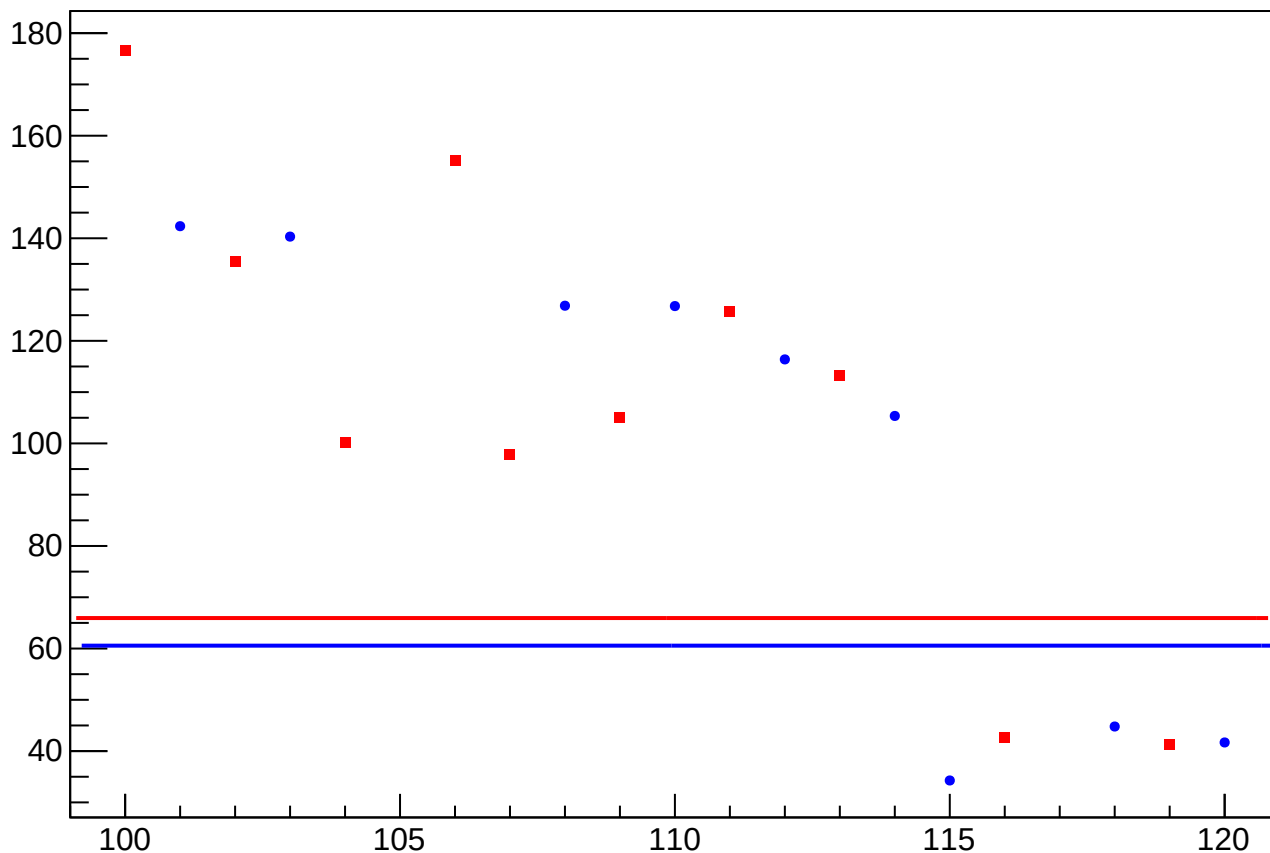
Right: 0.015+/-0.027 χ^2/NDF : 16.0/18

In: -0.005+/-0.038 χ^2/NDF :10.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.027 χ^2/NDF : 16.0/18

asym_sam_26_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.563+/-0.027 χ^2/NDF : 1904644.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.946+/-0.027 χ^2/NDF : 1764076.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

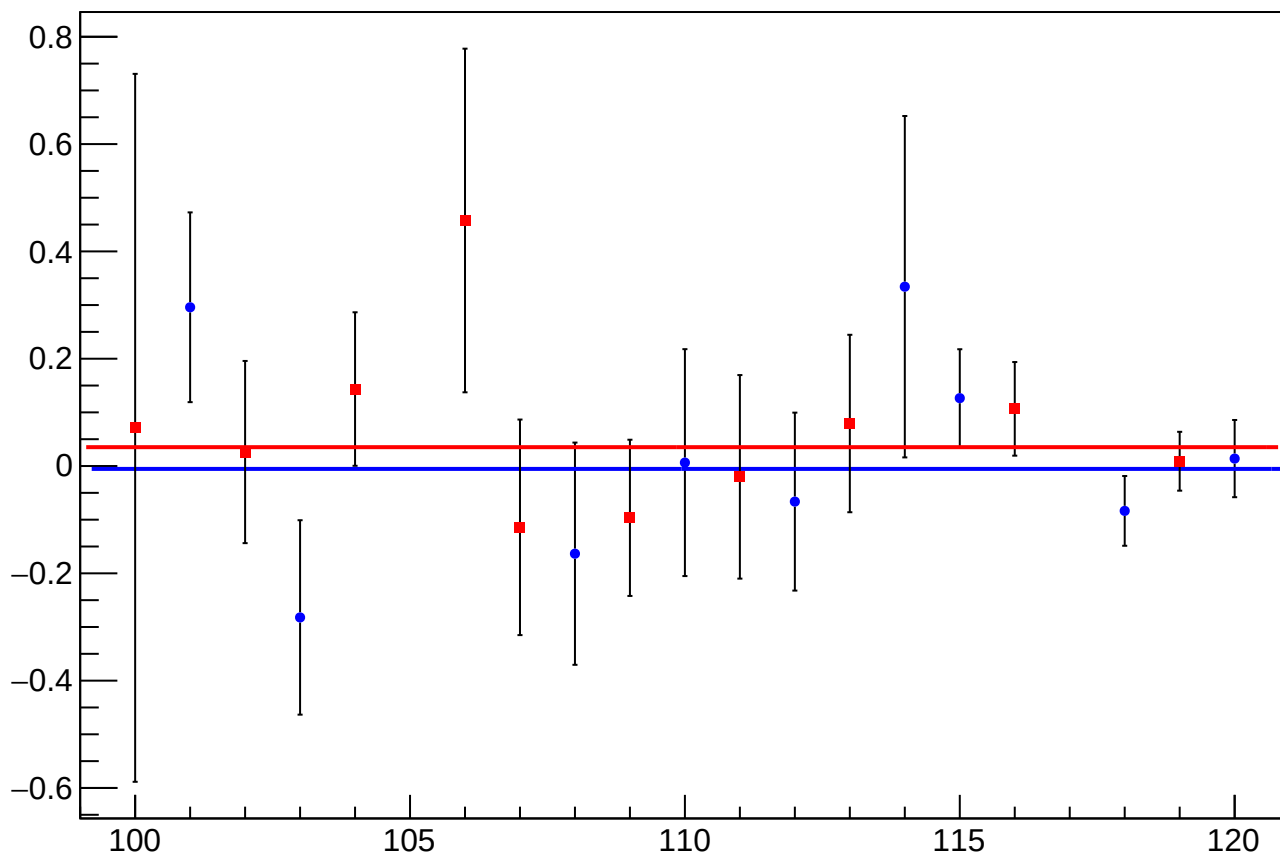
Right: 63.238+/-0.019 χ^2/NDF : 3689007.5/18

In: 60.563+/-0.027 χ^2/NDF : 1904644.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.238+/-0.019 χ^2/NDF : 3689007.5/18

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005+/-0.038 χ^2/NDF : 10.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.035+/-0.038 χ^2/NDF : 4.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

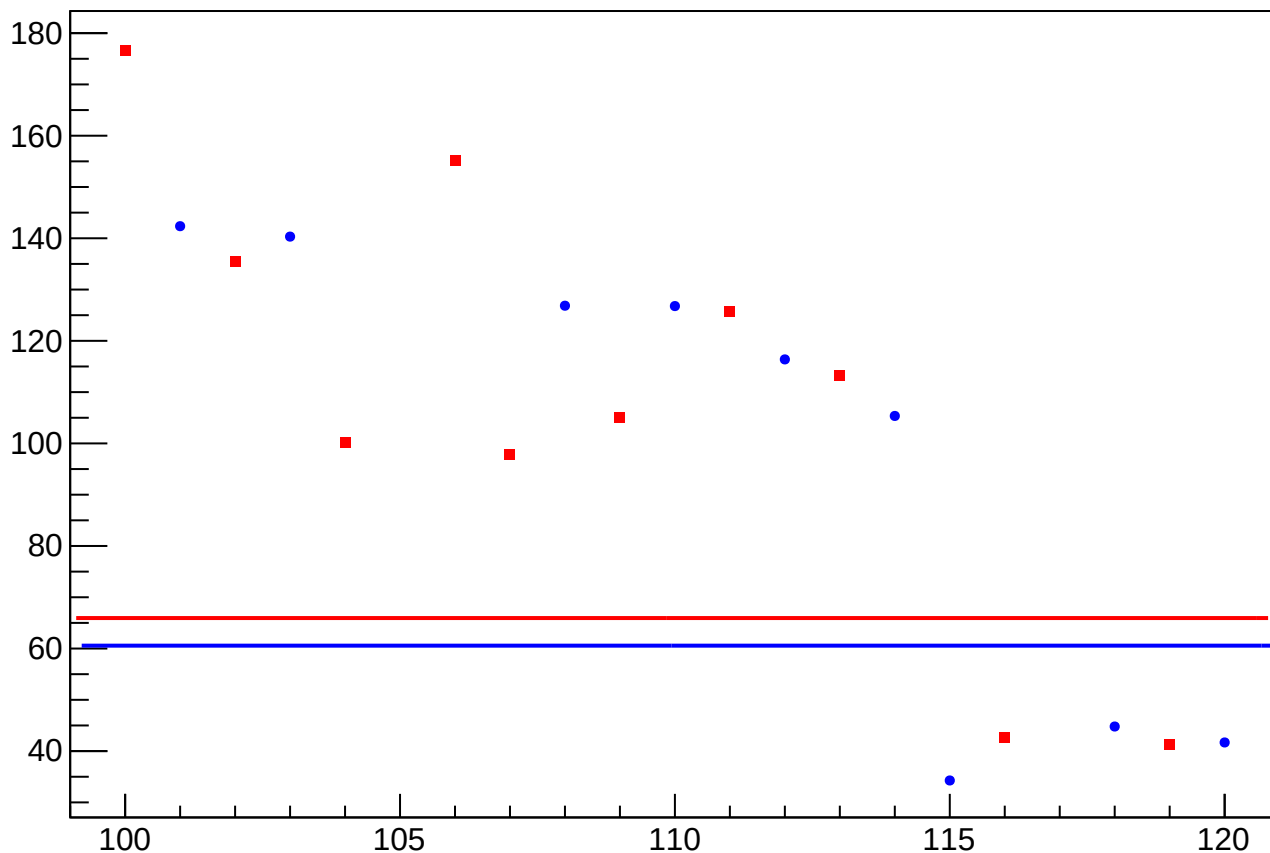
Right: 0.015+/-0.027 χ^2/NDF : 16.0/18

In: -0.005+/-0.038 χ^2/NDF :10.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.027 χ^2/NDF : 16.0/18

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.563+/-0.027 χ^2/NDF : 1904644.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.946+/-0.027 χ^2/NDF : 1764076.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

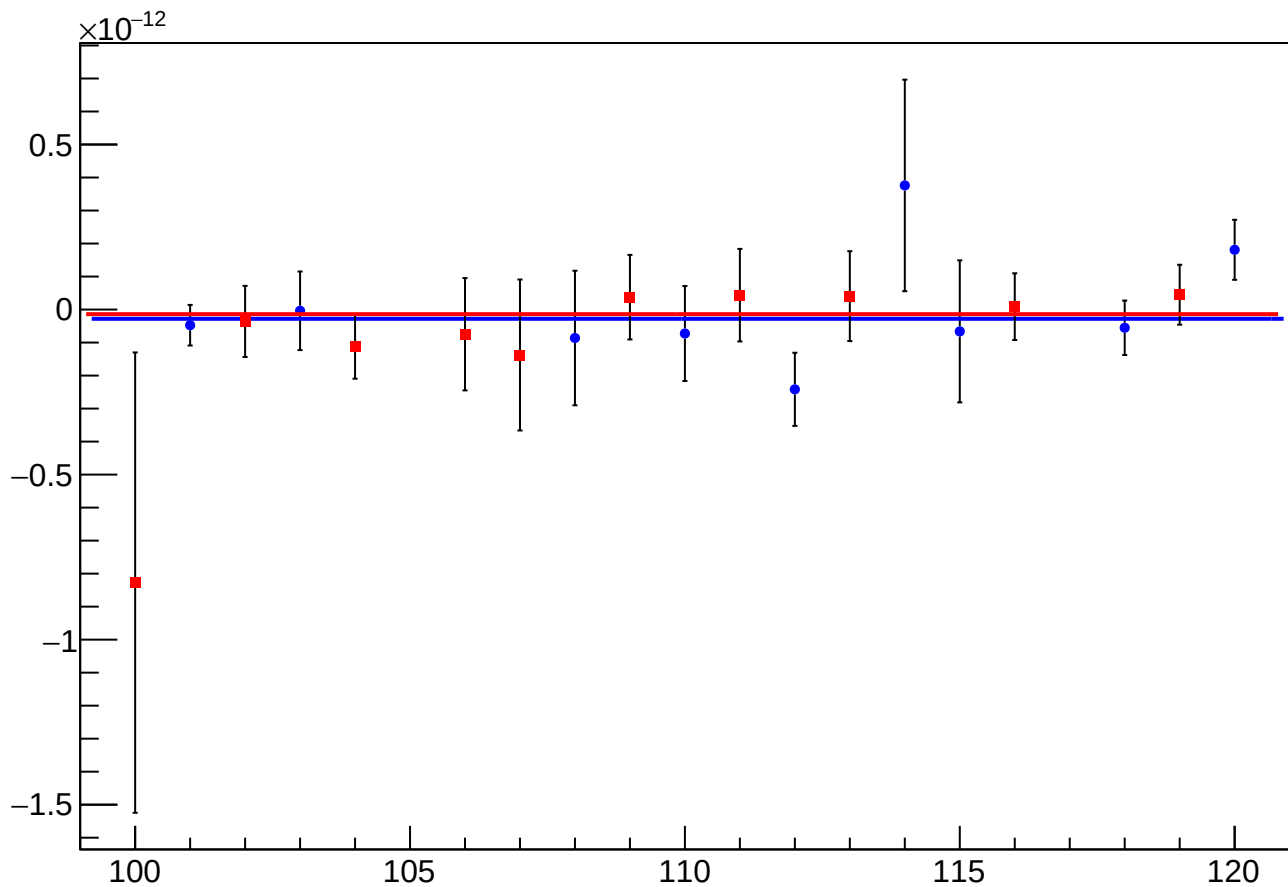
Right: 63.238+/-0.019 χ^2/NDF : 3689007.5/18

In: 60.563+/-0.027 χ^2/NDF : 1904644.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.238+/-0.019 χ^2/NDF : 3689007.5/18

asym_sam_26_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

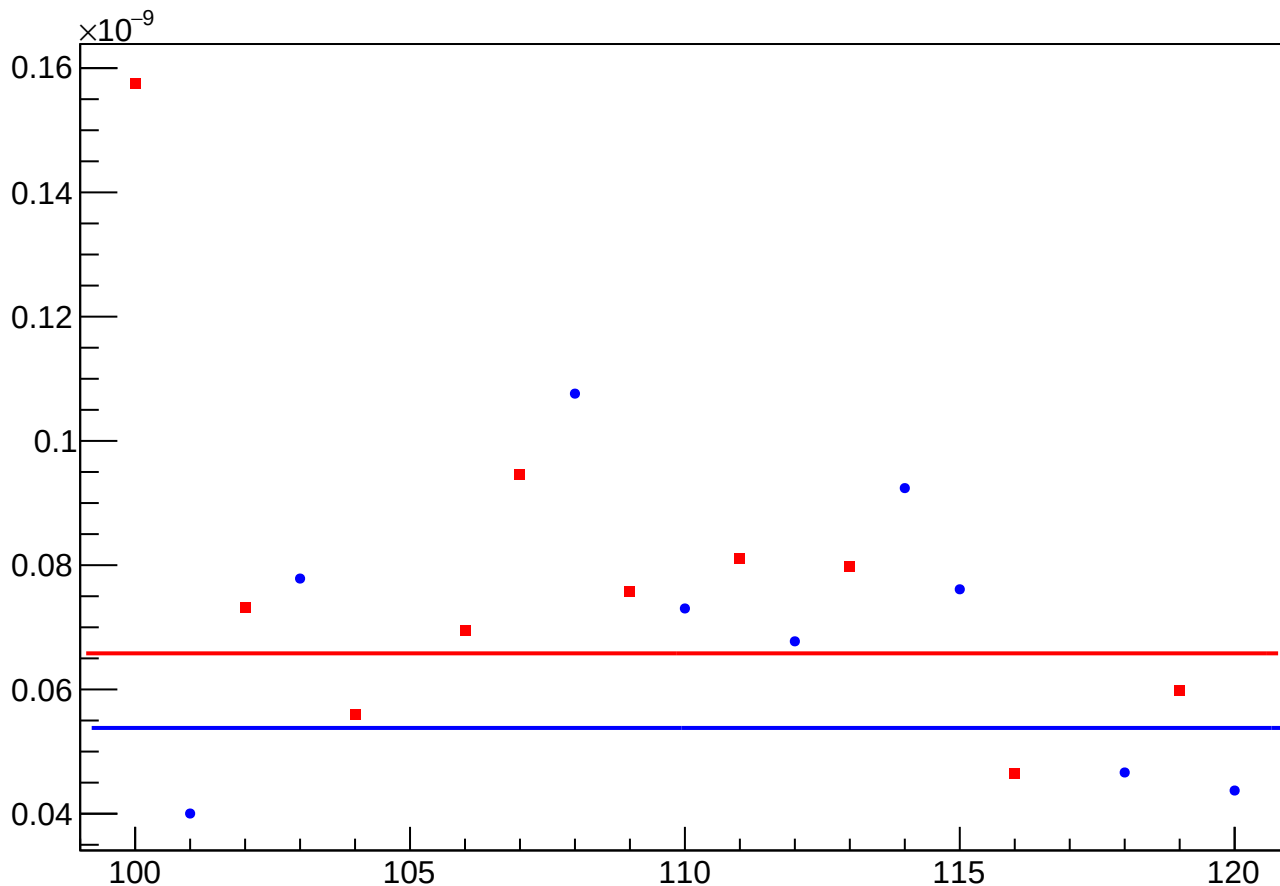
Right: -0.000+/-0.000 χ^2/NDF : 14.9/18

In: -0.000+/-0.000 χ^2/NDF : 11.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.9/18

asym_sam_26_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 478867.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 235545.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

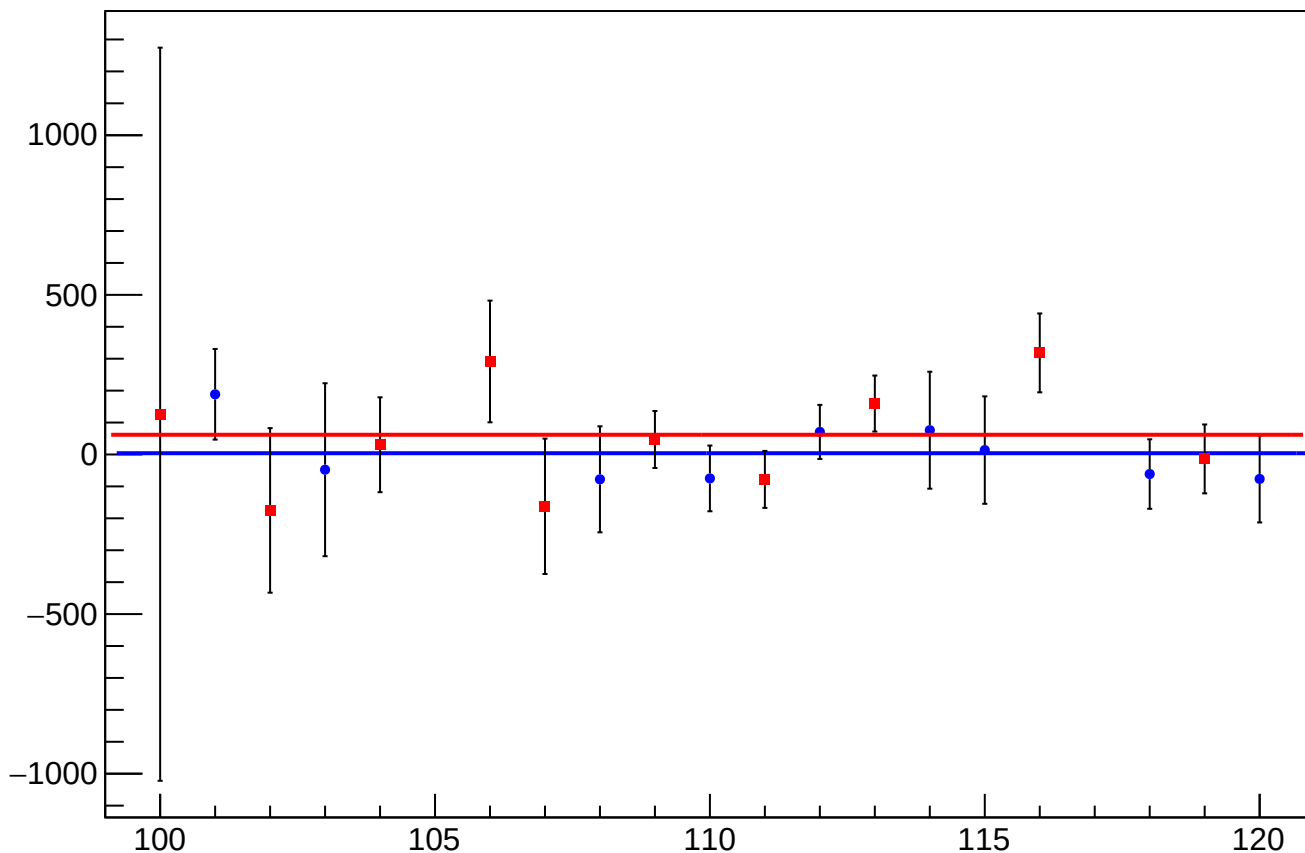
Right: 0.000+/-0.000 χ^2/NDF : 815582.8/18

In: 0.000+/-0.000 χ^2/NDF : 478867.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 815582.8/18

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 3.932+/-43.168 χ^2/NDF : 4.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.749+/-39.424 χ^2/NDF : 12.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

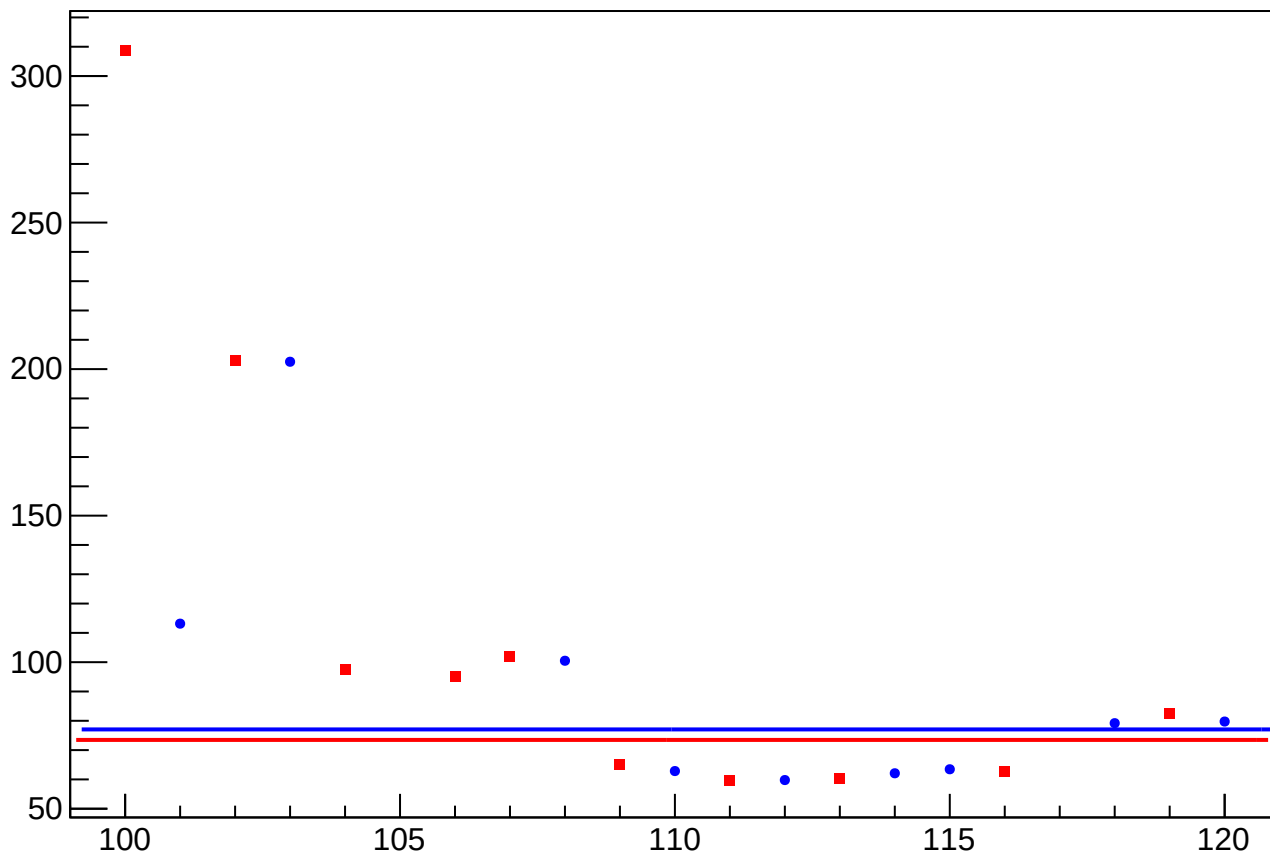
Right: 35.456+/-29.111 χ^2/NDF : 17.0/18

In: 3.932+/-43.168 χ^2/NDF : 4.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.456+/-29.111 χ^2/NDF : 17.0/18

reg_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 77.058+/-0.031 χ^2/NDF : 747225.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.474+/-0.028 χ^2/NDF : 840480.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

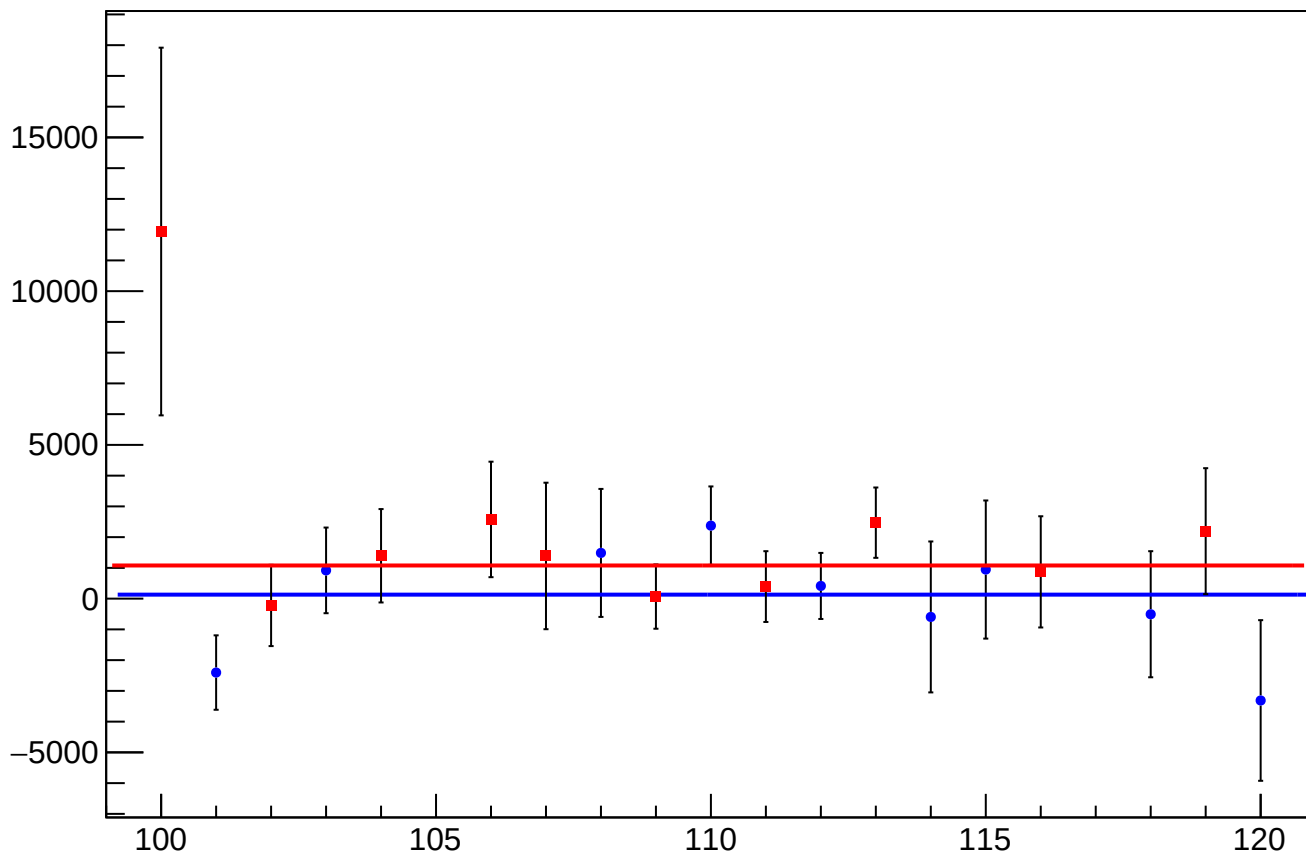
Right: 75.104+/-0.021 χ^2/NDF : 1595220.3/18

In: 77.058+/-0.031 χ^2/NDF : 747225.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.104+/-0.021 χ^2/NDF : 1595220.3/18

asym_sam_37_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 129.892+/-522.788 χ^2/NDF : 10.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1078.248+/-472.899 χ^2/NDF : 8.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

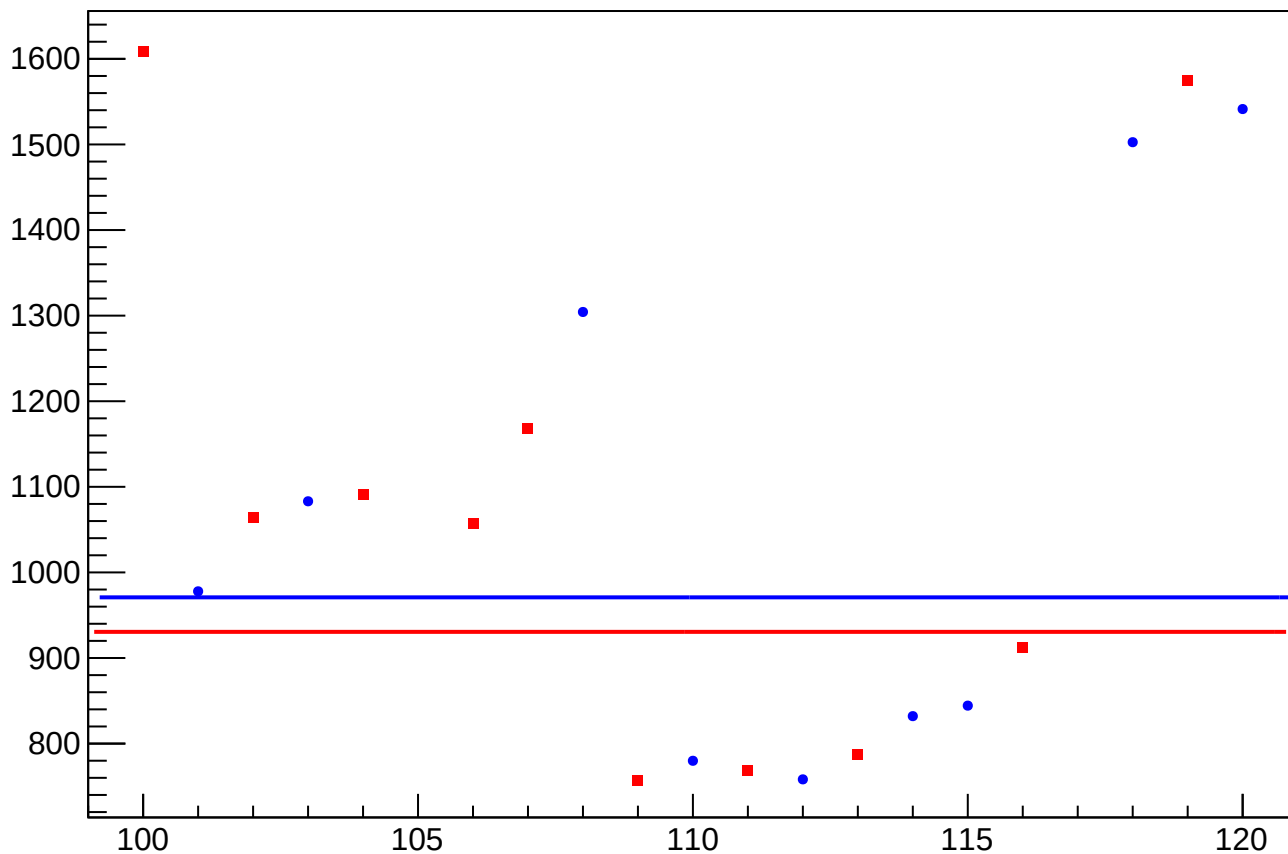
Right: 651.468+/-350.705 χ^2/NDF : 20.2/18

In: 129.892+/-522.788 χ^2/NDF : 10.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 651.468+/-350.705 χ^2/NDF : 20.2/18

asym_sam_37_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 970.864+/-0.370 χ^2/NDF : 430238.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 930.549+/-0.334 χ^2/NDF : 421327.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

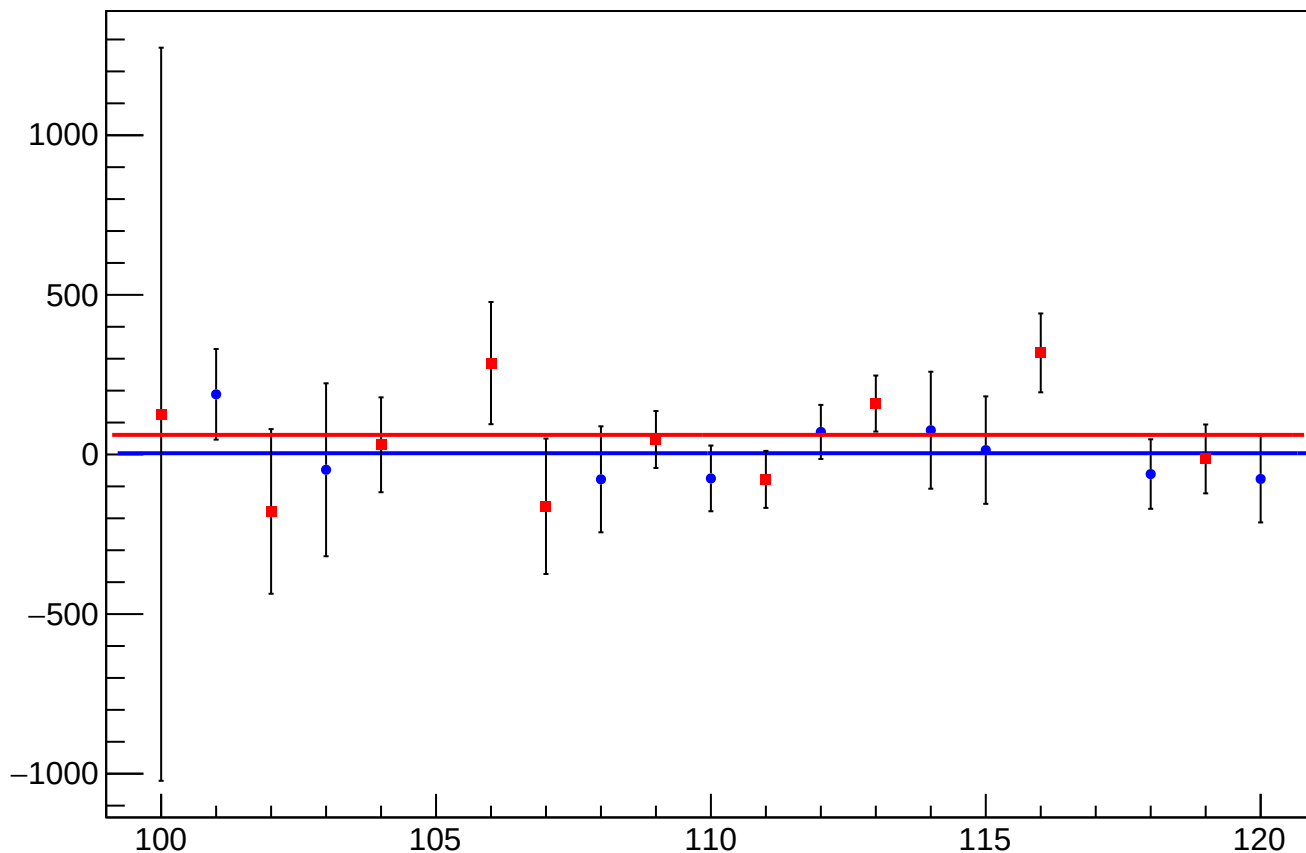
Right: 948.691+/-0.248 χ^2/NDF : 858107.6/18

In: 970.864+/-0.370 χ^2/NDF : 430238.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 948.691+/-0.248 χ^2/NDF : 858107.6/18

cor_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 3.916+/-43.168 χ^2/NDF : 4.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.369+/-39.431 χ^2/NDF : 11.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

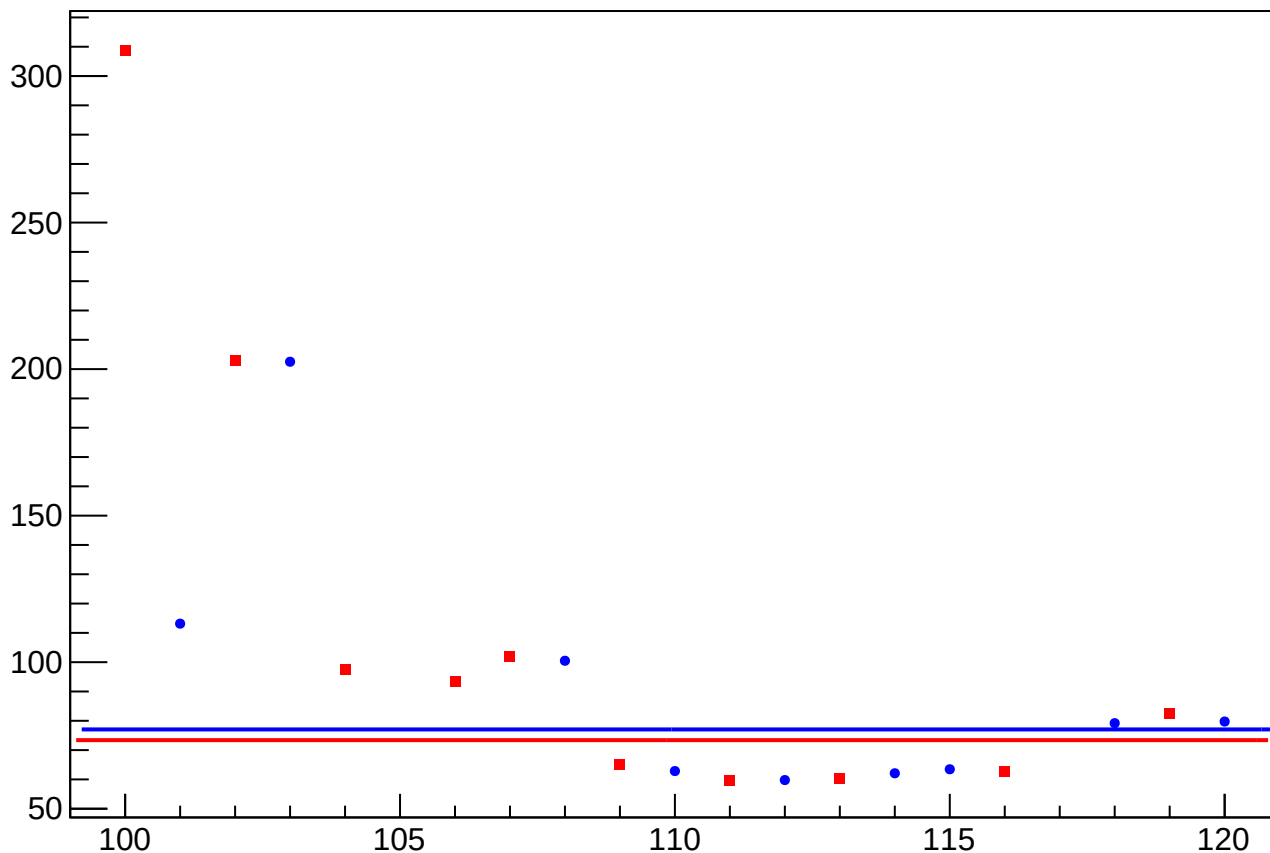
Right: 35.236+/-29.114 χ^2/NDF : 16.9/18

In: 3.916+/-43.168 χ^2/NDF : 4.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.236+/-29.114 χ^2/NDF : 16.9/18

cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 77.058+/-0.031 χ^2/NDF : 747227.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.394+/-0.028 χ^2/NDF : 836620.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

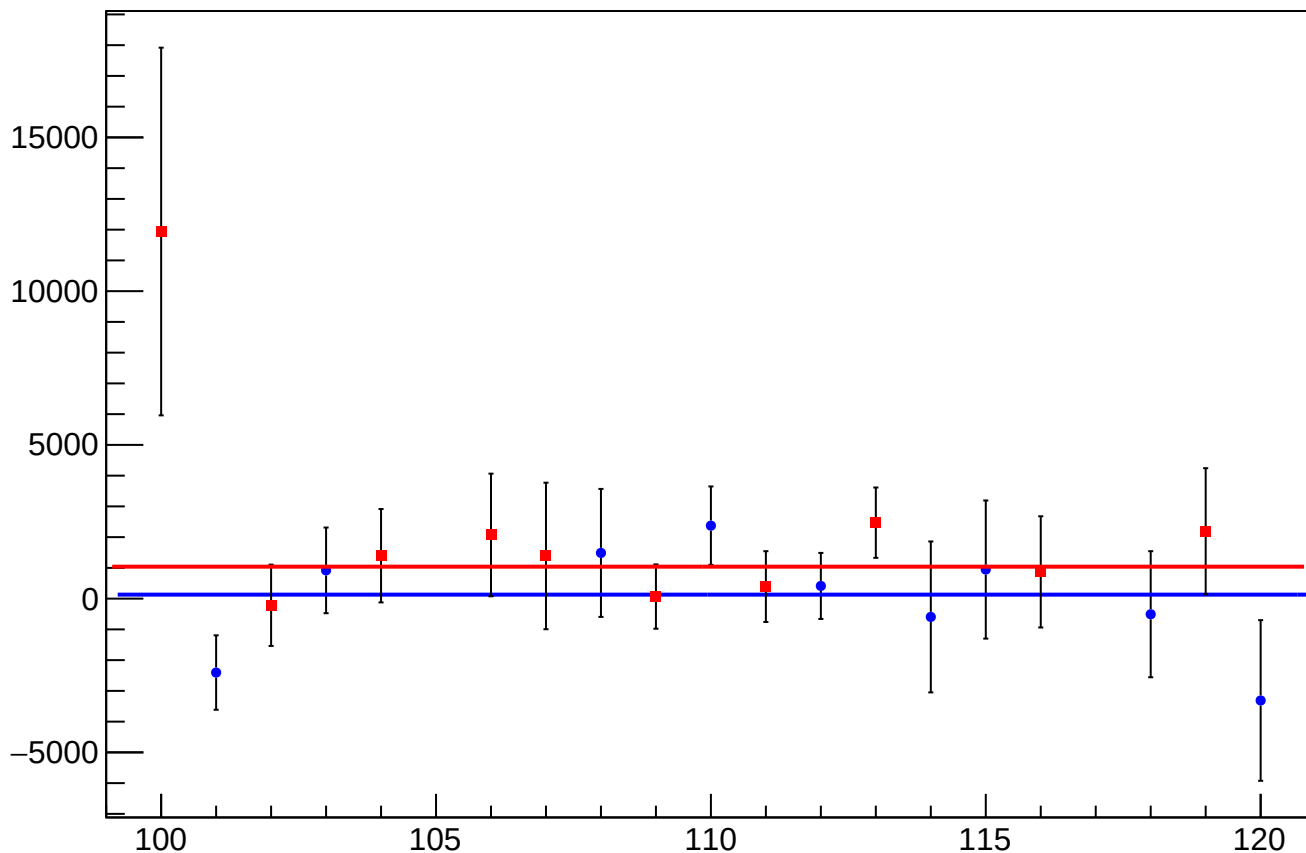
Right: 75.061+/-0.021 χ^2/NDF : 1591702.9/18

In: 77.058+/-0.031 χ^2/NDF : 747227.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.061+/-0.021 χ^2/NDF : 1591702.9/18

asym_sam_37_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 129.929+/-522.795 χ^2/NDF : 10.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1039.949+/-474.652 χ^2/NDF : 7.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

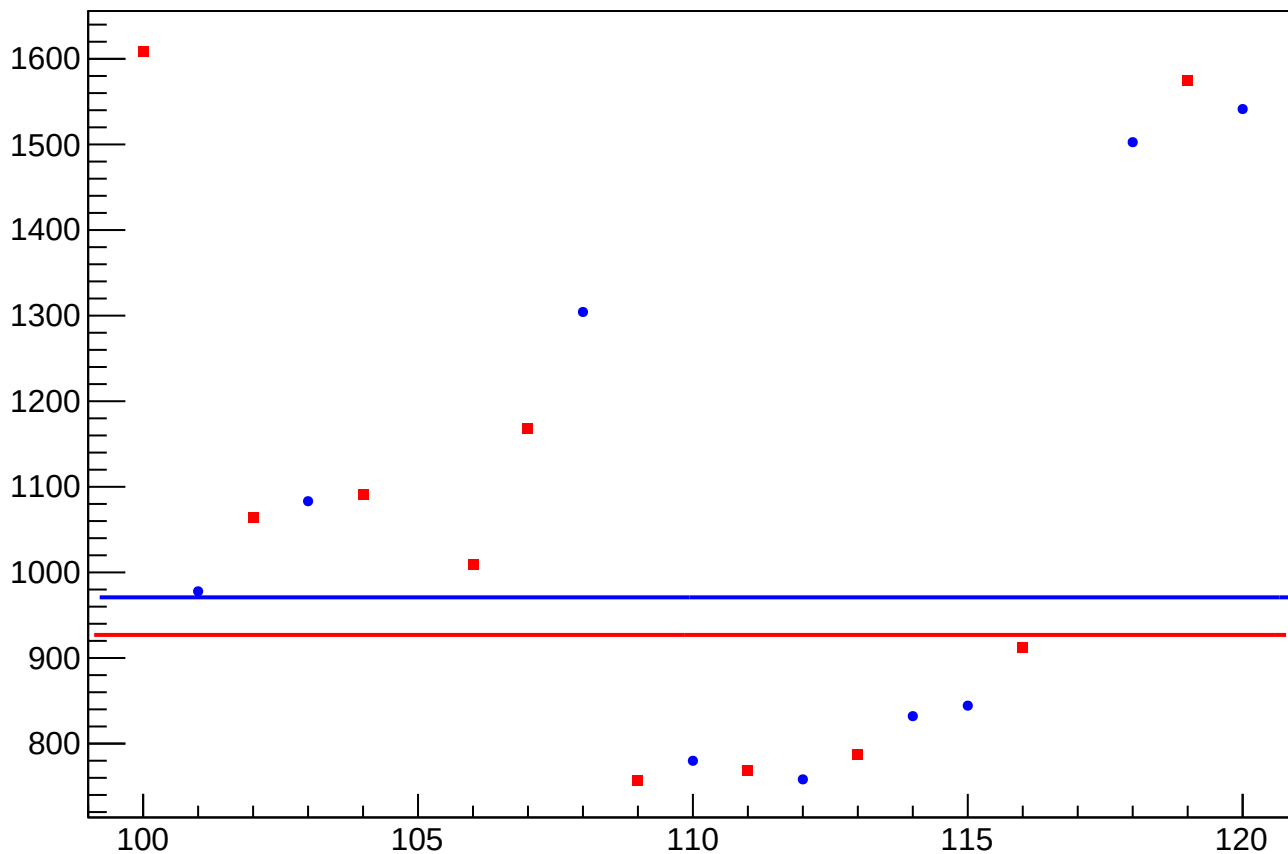
Right: 628.760+/-351.420 χ^2/NDF : 19.6/18

In: 129.929+/-522.795 χ^2/NDF : 10.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 628.760+/-351.420 χ^2/NDF : 19.6/18

asym_sam_37_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 970.876+/-0.370 χ^2/NDF : 430262.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 926.977+/-0.336 χ^2/NDF : 415412.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

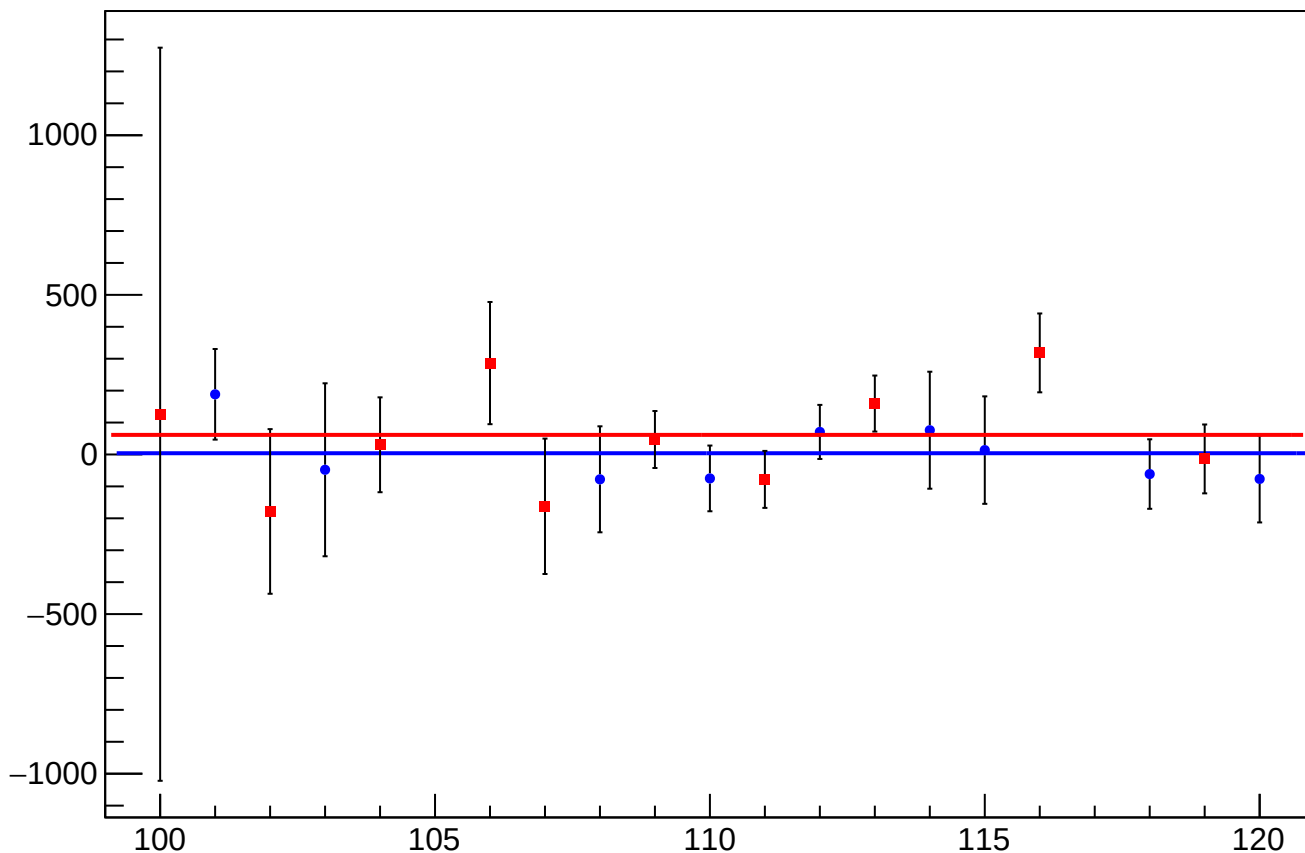
Right: 946.812+/-0.248 χ^2/NDF : 853405.0/18

In: 970.876+/-0.370 χ^2/NDF : 430262.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 946.812+/-0.248 χ^2/NDF : 853405.0/18

eigen_cor_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 3.916+/-43.168 χ^2/NDF : 4.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.369+/-39.431 χ^2/NDF : 11.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

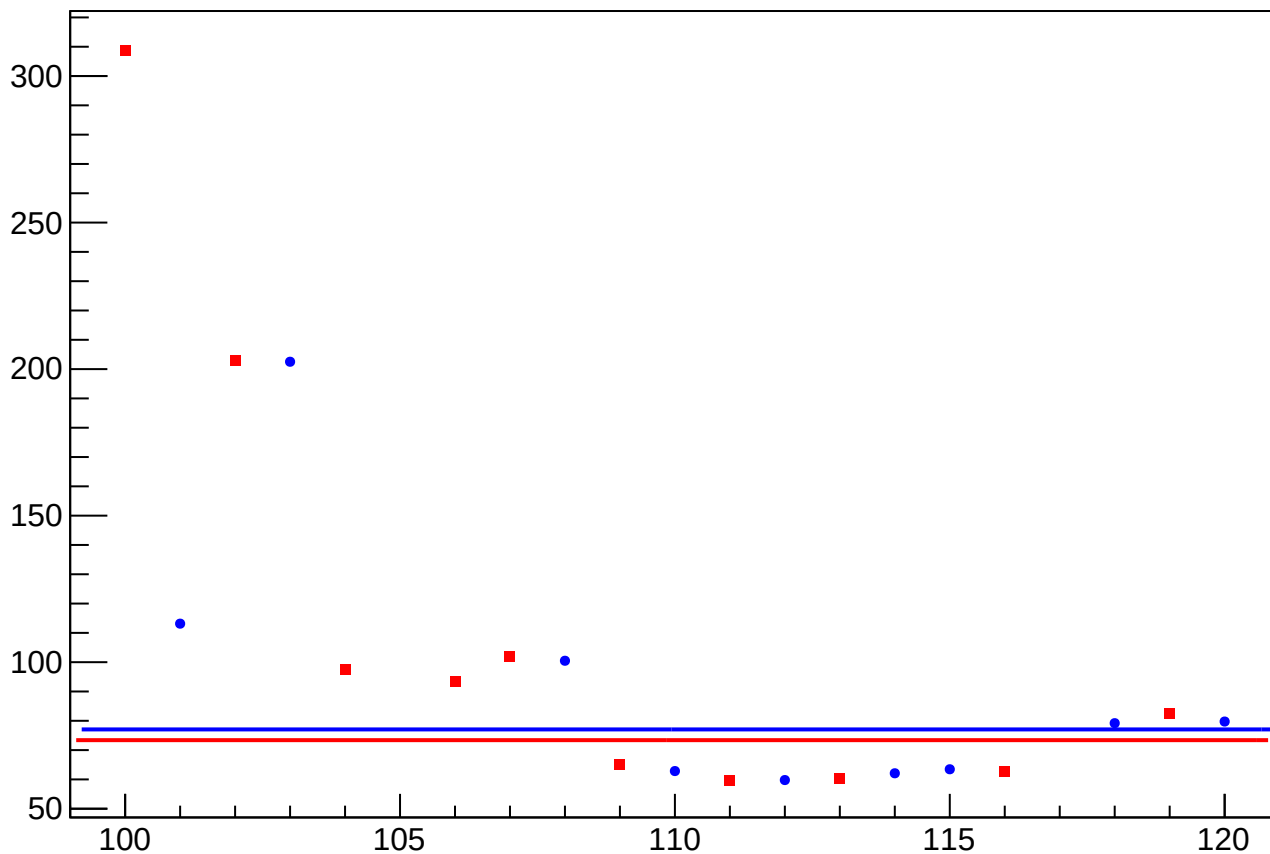
Right: 35.236+/-29.114 χ^2/NDF : 16.9/18

In: 3.916+/-43.168 χ^2/NDF : 4.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.236+/-29.114 χ^2/NDF : 16.9/18

eigen_cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 77.058+/-0.031 χ^2/NDF : 747227.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.394+/-0.028 χ^2/NDF : 836620.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

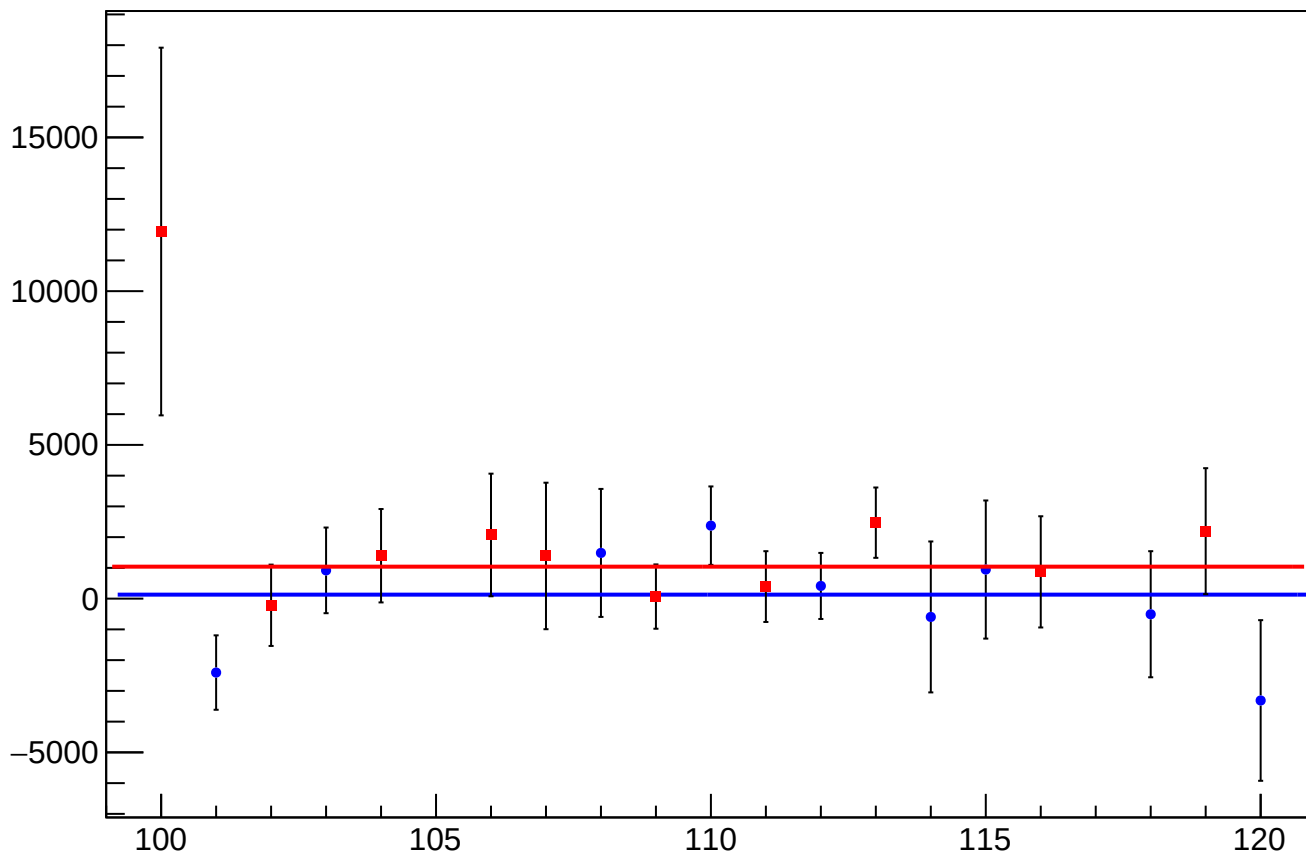
Right: 75.061+/-0.021 χ^2/NDF : 1591702.9/18

In: 77.058+/-0.031 χ^2/NDF : 747227.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.061+/-0.021 χ^2/NDF : 1591702.9/18

asym_sam_37_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 129.929+/-522.795 χ^2/NDF : 10.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1039.949+/-474.652 χ^2/NDF : 7.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

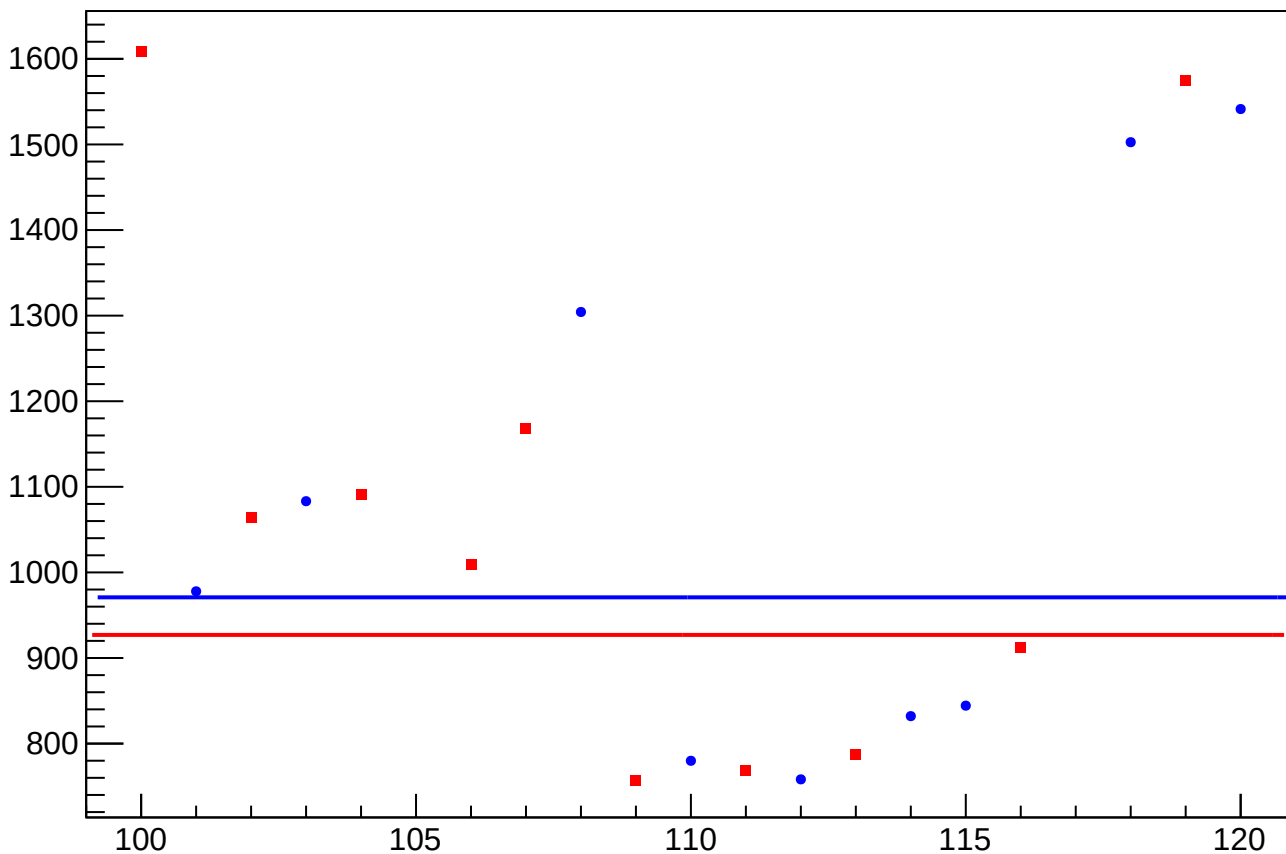
Right: 628.760+/-351.420 χ^2/NDF : 19.6/18

In: 129.929+/-522.795 χ^2/NDF : 10.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 628.760+/-351.420 χ^2/NDF : 19.6/18

asym_sam_37_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 970.876+/-0.370 χ^2/NDF : 430262.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 926.977+/-0.336 χ^2/NDF : 415412.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

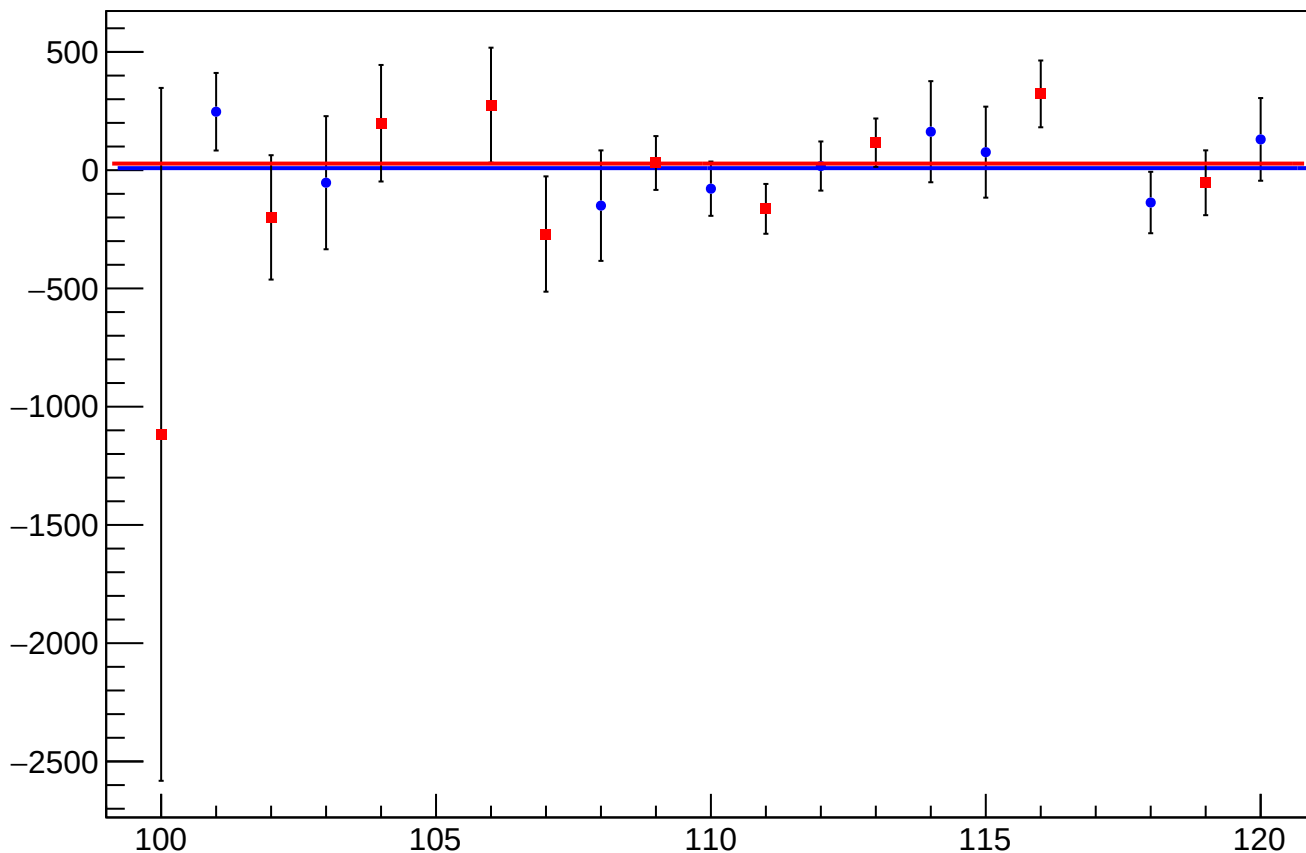
Right: 946.812+/-0.248 χ^2/NDF : 853405.0/18

In: 970.876+/-0.370 χ^2/NDF : 430262.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 946.812+/-0.248 χ^2/NDF : 853405.0/18

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 8.545+/-51.463 χ^2/NDF : 5.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.906+/-48.145 χ^2/NDF : 13.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

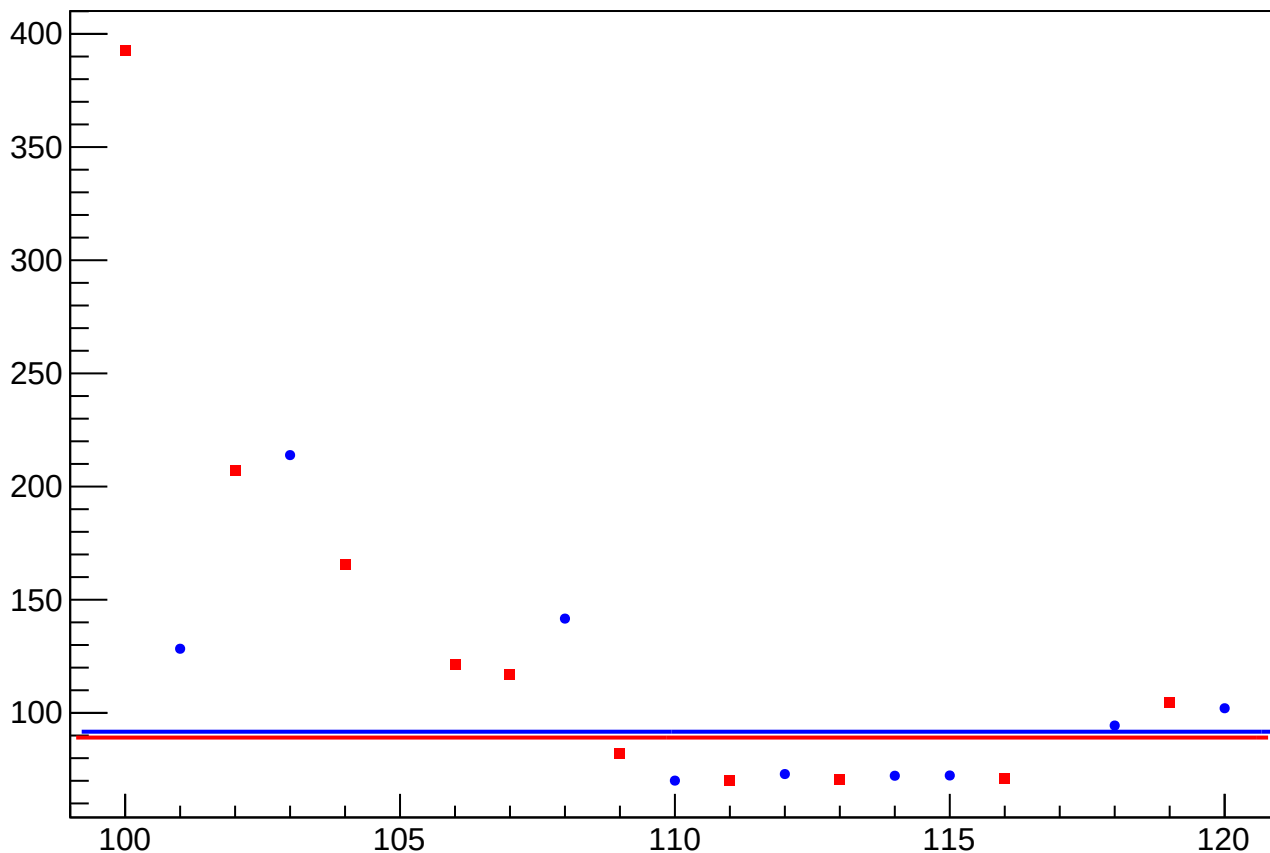
Right: 18.870+/-35.158 χ^2/NDF : 18.8/18

In: 8.545+/-51.463 χ^2/NDF : 5.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.870+/-35.158 χ^2/NDF : 18.8/18

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 91.693+/-0.036 χ^2/NDF : 749144.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.104+/-0.034 χ^2/NDF : 941005.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

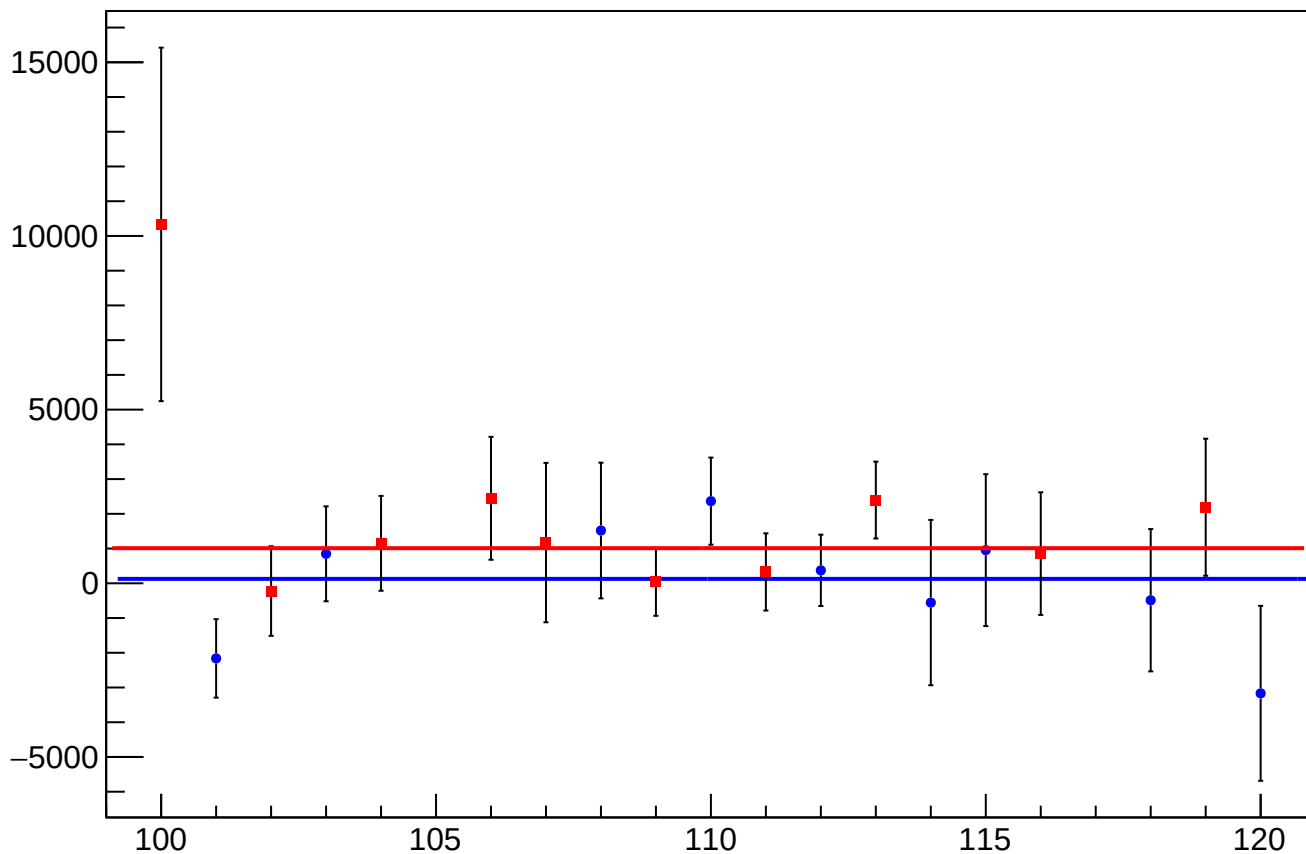
Right: 90.312+/-0.025 χ^2/NDF : 1692849.1/18

In: 91.693+/-0.036 χ^2/NDF : 749144.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.312+/-0.025 χ^2/NDF : 1692849.1/18

asym_sam_37_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 127.318+/-503.393 χ^2/NDF : 10.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1011.395+/-450.177 χ^2/NDF : 8.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

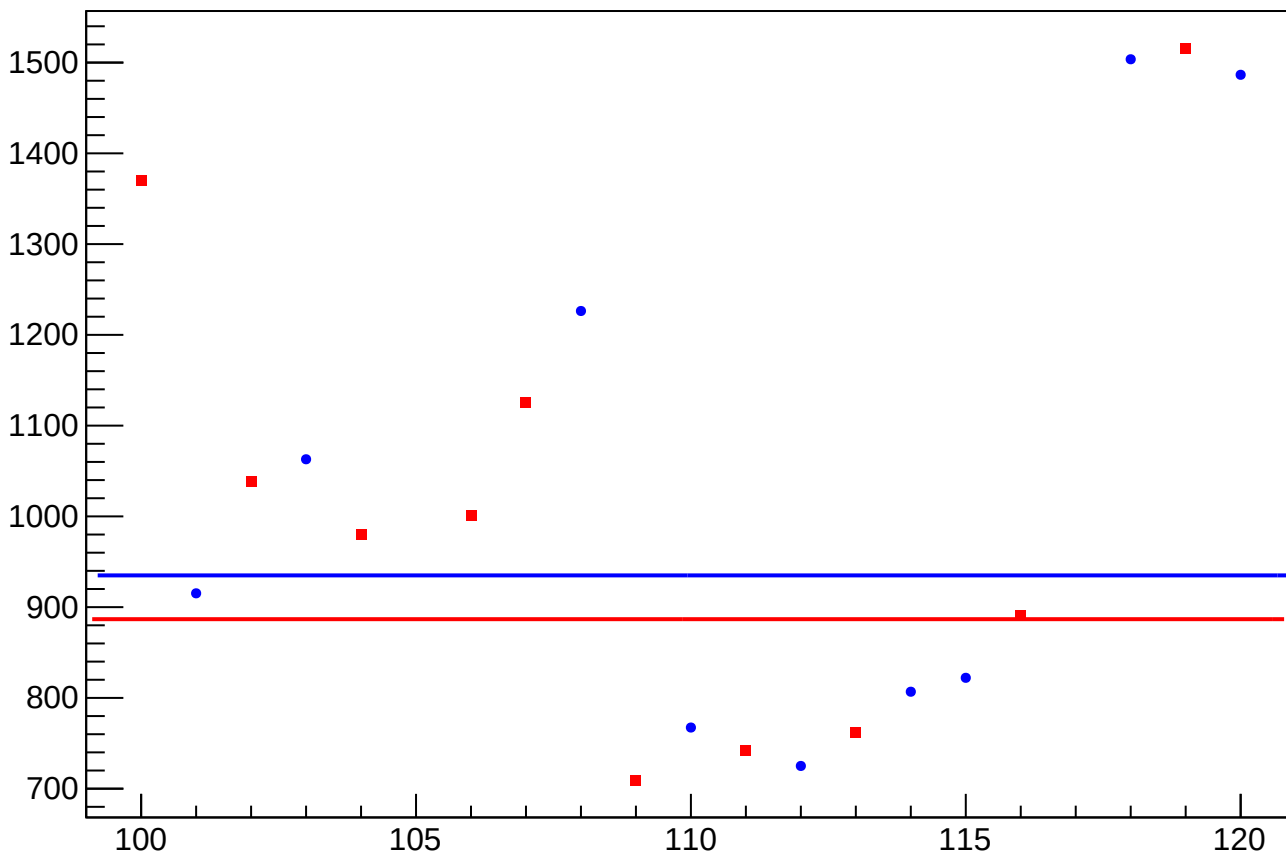
Right: 618.541+/-335.566 χ^2/NDF : 20.1/18

In: 127.318+/-503.393 χ^2/NDF : 10.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 618.541+/-335.566 χ^2/NDF : 20.1/18

asym_sam_37_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 934.988+/-0.356 χ^2/NDF : 443095.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 886.751+/-0.318 χ^2/NDF : 413202.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

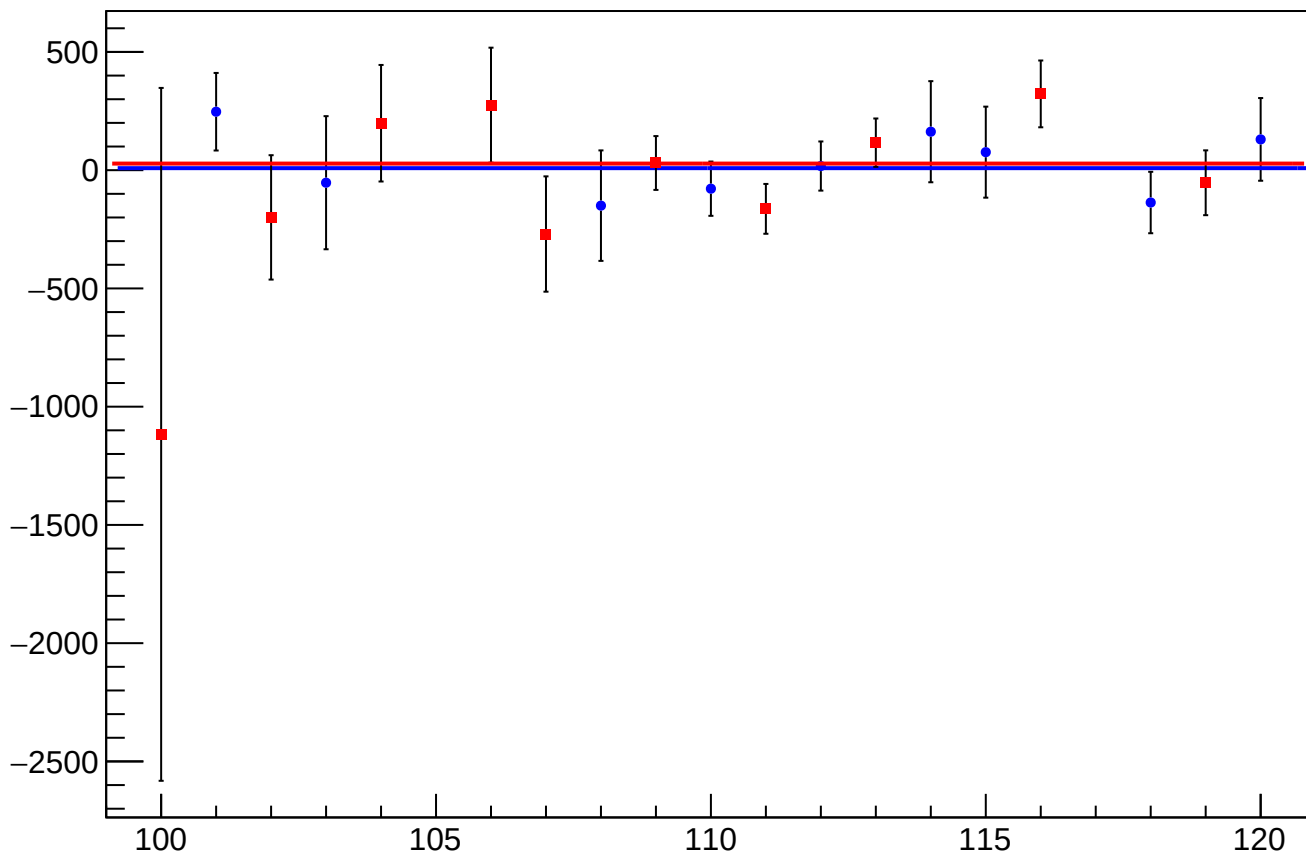
Right: 908.186+/-0.237 χ^2/NDF : 866502.1/18

In: 934.988+/-0.356 χ^2/NDF : 443095.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 908.186+/-0.237 χ^2/NDF : 866502.1/18

eigen_dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 8.543+/-51.463 χ^2/NDF : 5.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.904+/-48.145 χ^2/NDF : 13.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

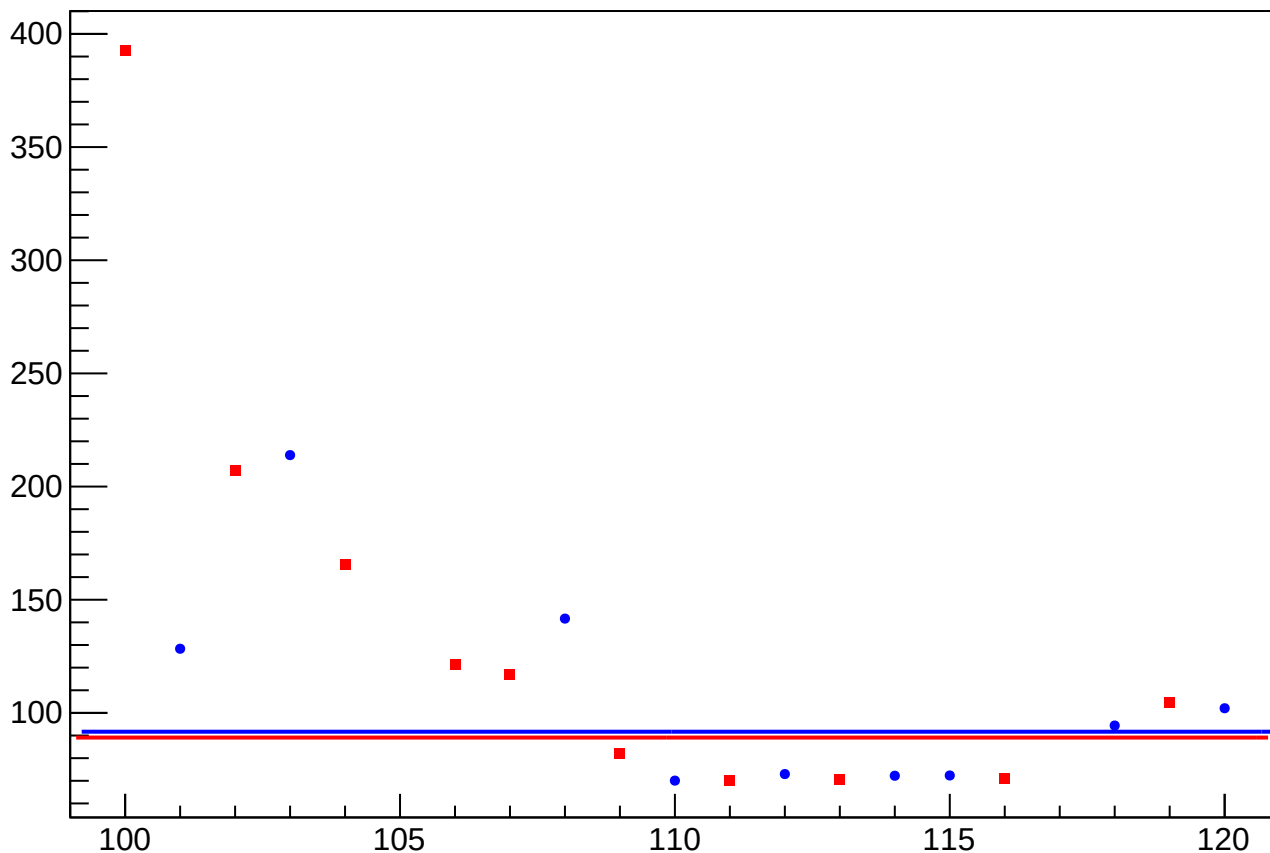
Right: 18.868+/-35.158 χ^2/NDF : 18.8/18

In: 8.543+/-51.463 χ^2/NDF : 5.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.868+/-35.158 χ^2/NDF : 18.8/18

eigen_dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 91.693+/-0.036 χ^2/NDF : 749133.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.104+/-0.034 χ^2/NDF : 940995.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

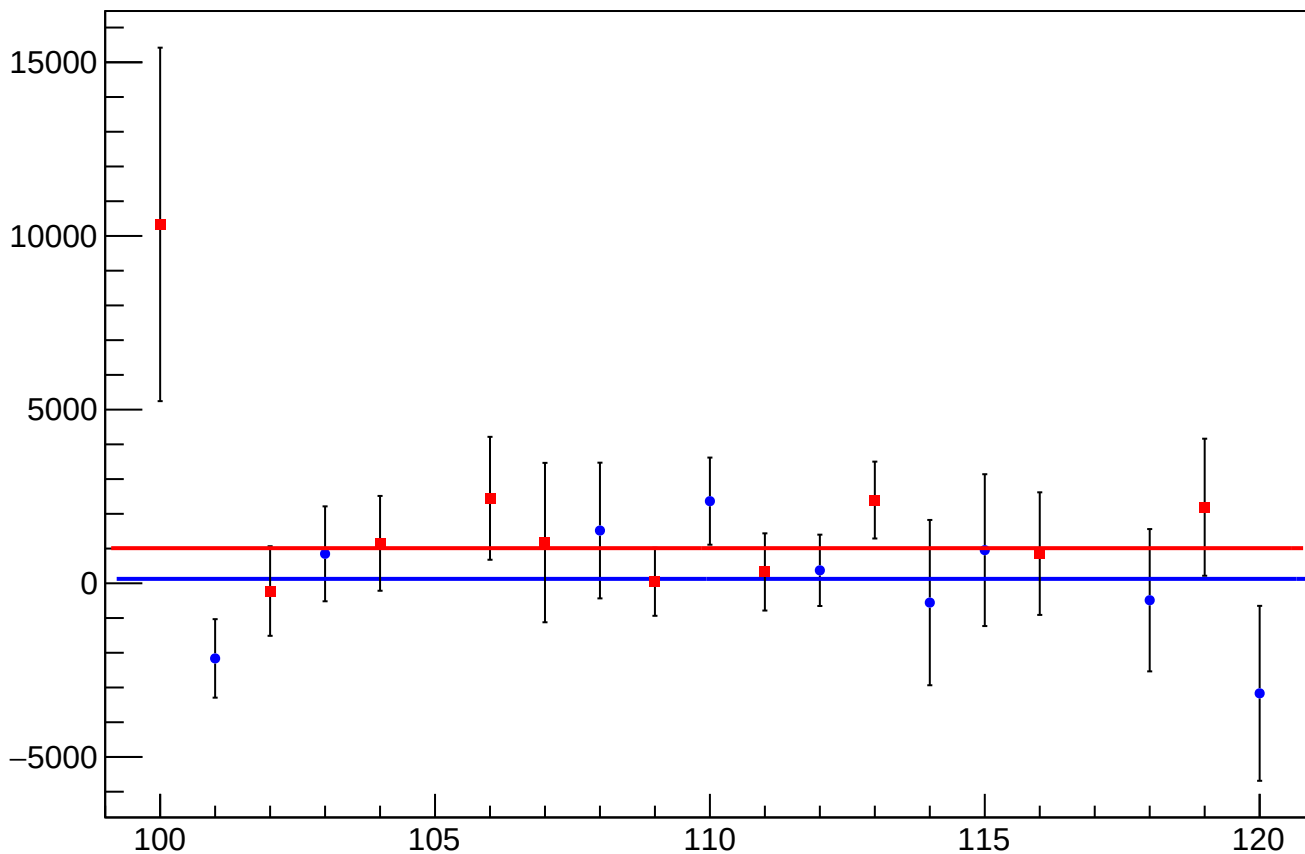
Right: 90.313+/-0.025 χ^2/NDF : 1692828.6/18

In: 91.693+/-0.036 χ^2/NDF : 749133.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.313+/-0.025 χ^2/NDF : 1692828.6/18

asym_sam_37_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 127.318+/-503.392 χ^2 /NDF: 10.2/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1011.393+/-450.176 χ^2 /NDF: 8.2/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

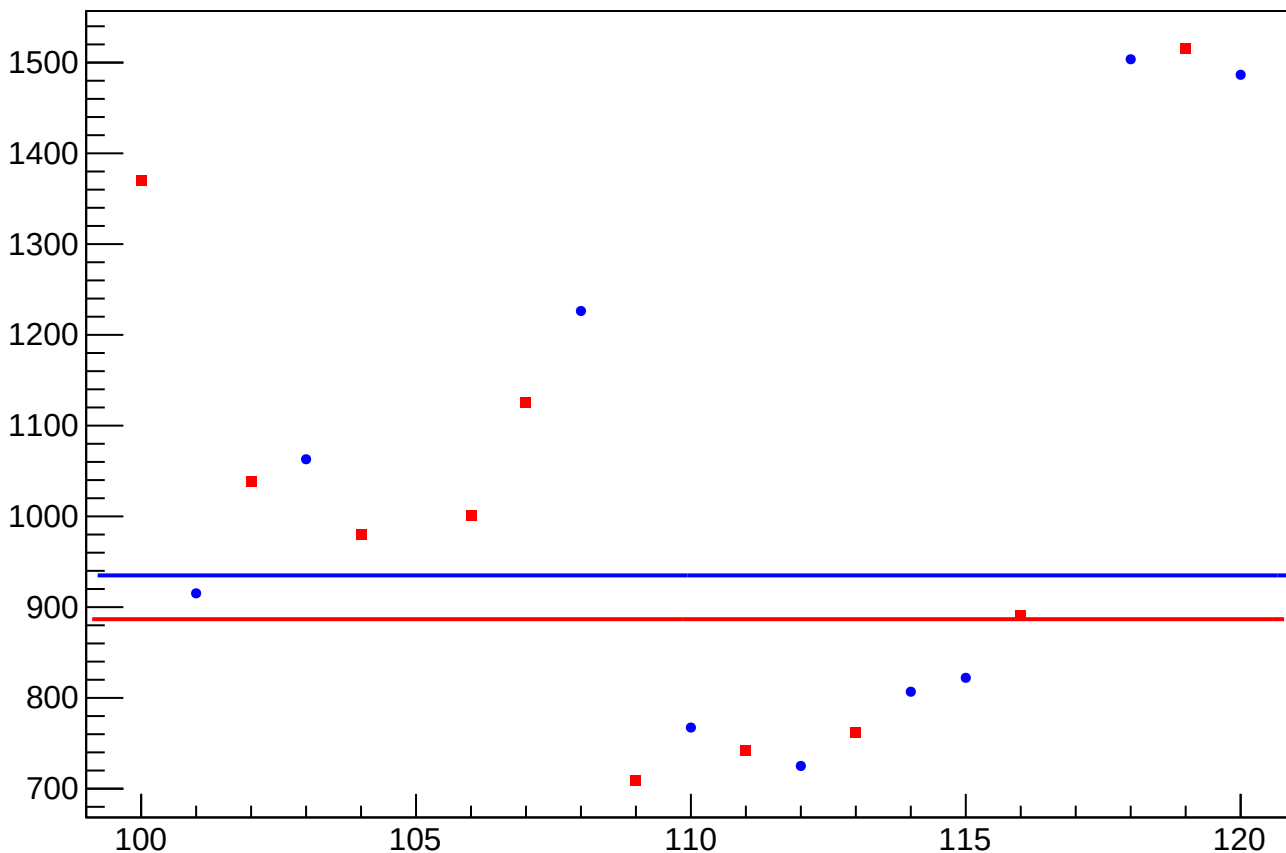
Right: 618.540+/-335.565 χ^2 /NDF: 20.1/18

In: 127.318+/-503.392 χ^2 /NDF:10.2/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 618.540+/-335.565 χ^2 /NDF: 20.1/18

asym_sam_37_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 934.985+/-0.356 χ^2/NDF : 443099.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 886.749+/-0.318 χ^2/NDF : 413203.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

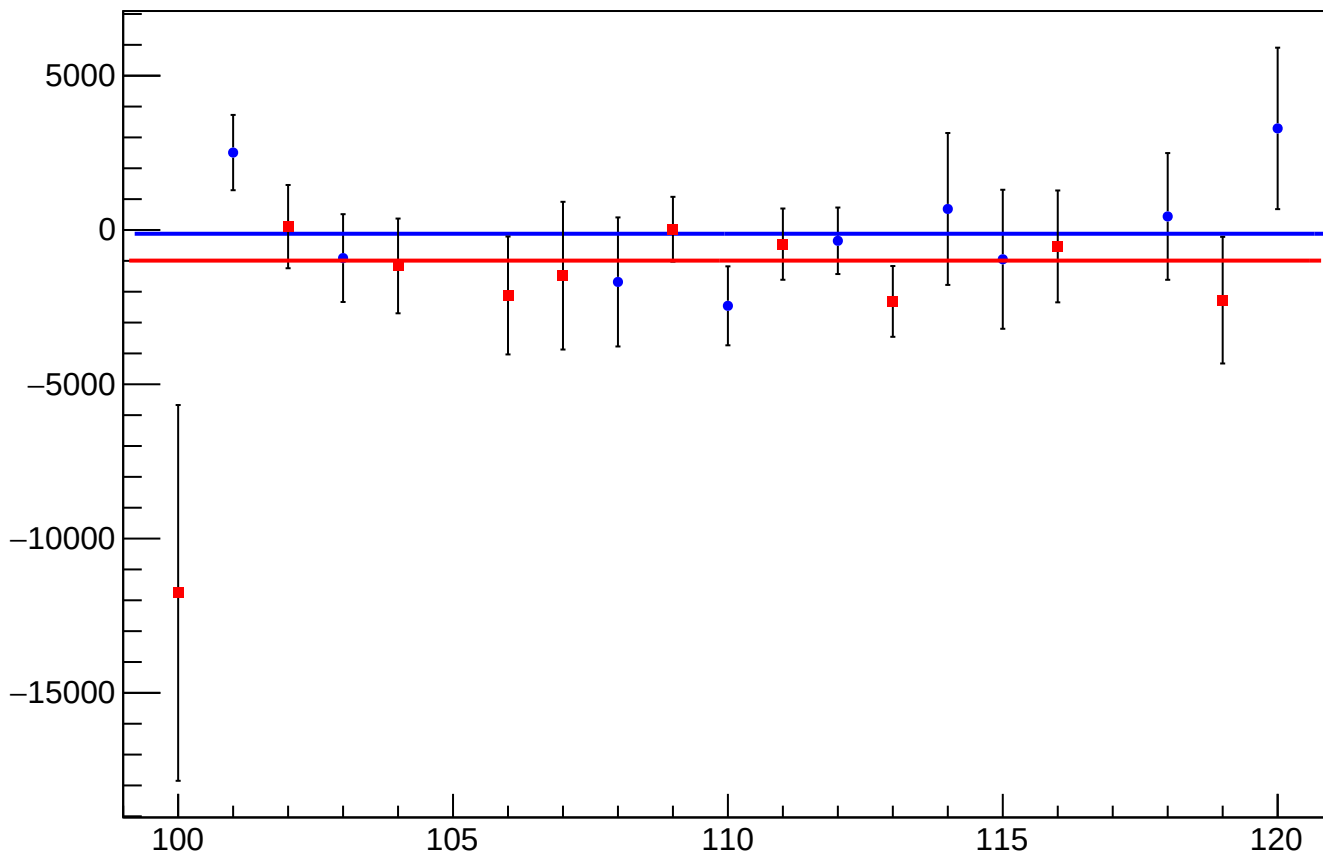
Right: 908.184+/-0.237 χ^2/NDF : 866505.6/18

In: 934.985+/-0.356 χ^2/NDF : 443099.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 908.184+/-0.237 χ^2/NDF : 866505.6/18

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -121.717+/-526.195 χ^2/NDF : 10.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -992.009+/-476.255 χ^2/NDF : 7.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

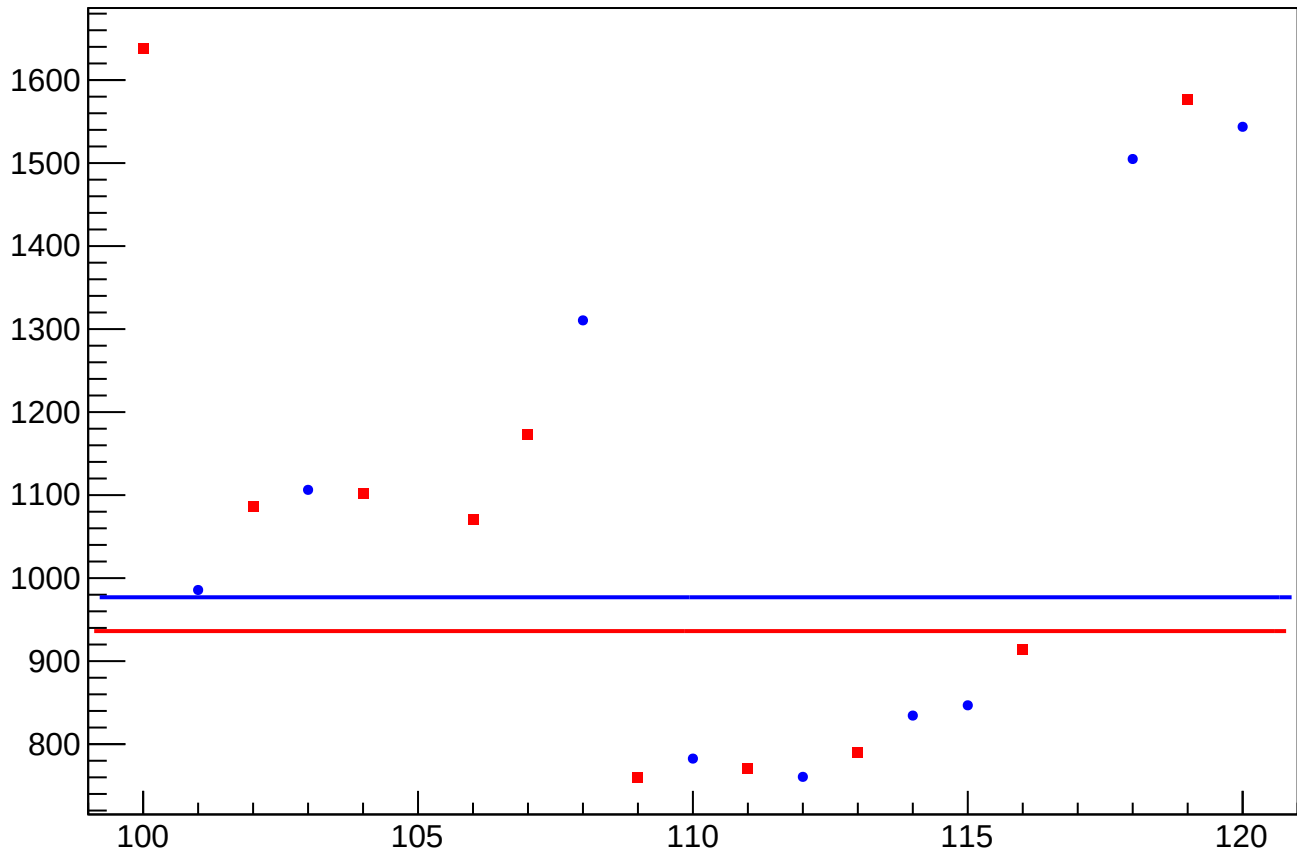
Right: -600.113+/-353.102 χ^2/NDF : 19.5/18

In: -121.717+/-526.195 χ^2/NDF : 10.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -600.113+/-353.102 χ^2/NDF : 19.5/18

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 976.934+/-0.372 χ^2/NDF : 433731.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 936.196+/-0.337 χ^2/NDF : 429554.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

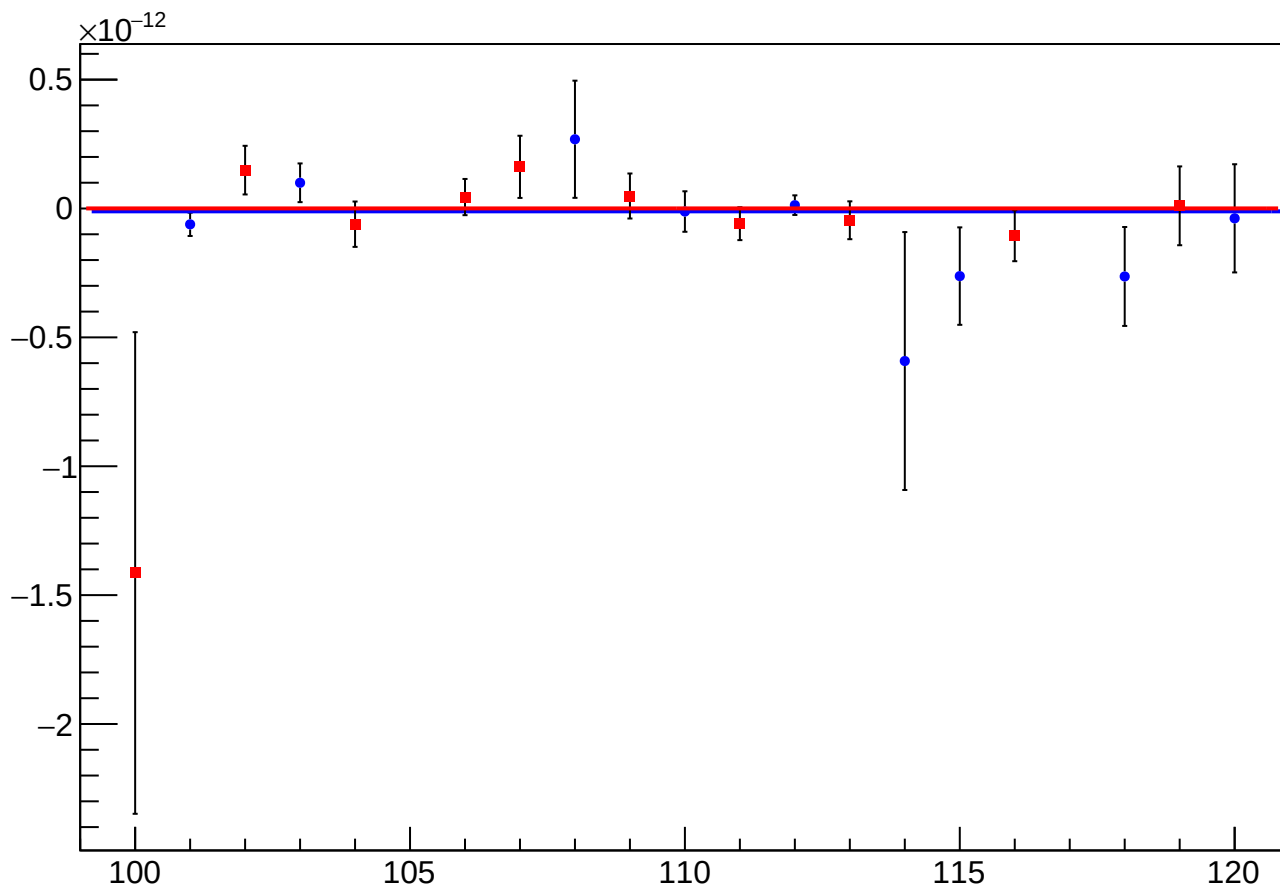
Right: 954.540+/-0.250 χ^2/NDF : 869874.6/18

In: 976.934+/-0.372 χ^2/NDF : 433731.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 954.540+/-0.250 χ^2/NDF : 869874.6/18

asym_sam_37_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.2/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

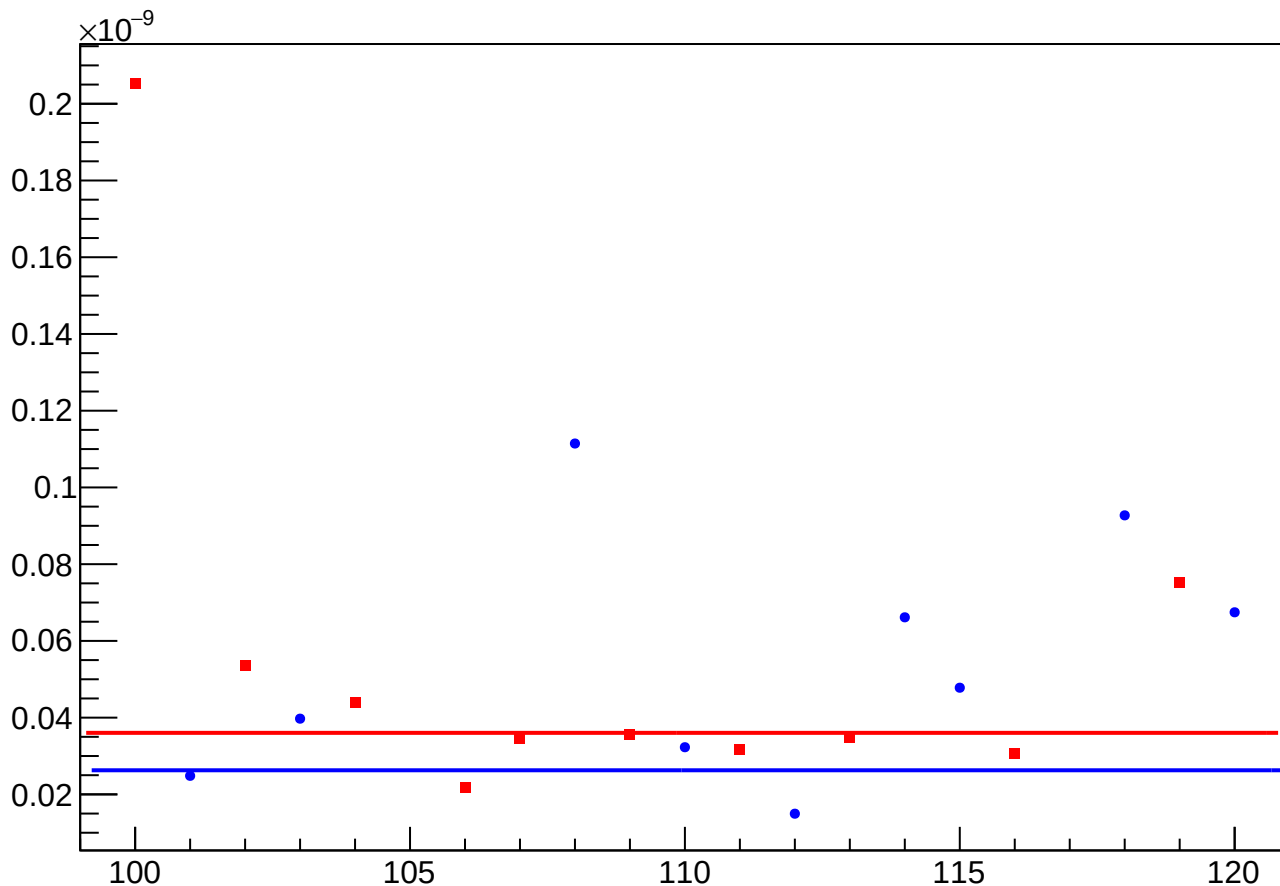
Right: -0.000+/-0.000 χ^2/NDF : 20.4/18

In: -0.000+/-0.000 χ^2/NDF : 10.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.4/18

asym_sam_37_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 890545.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 380409.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

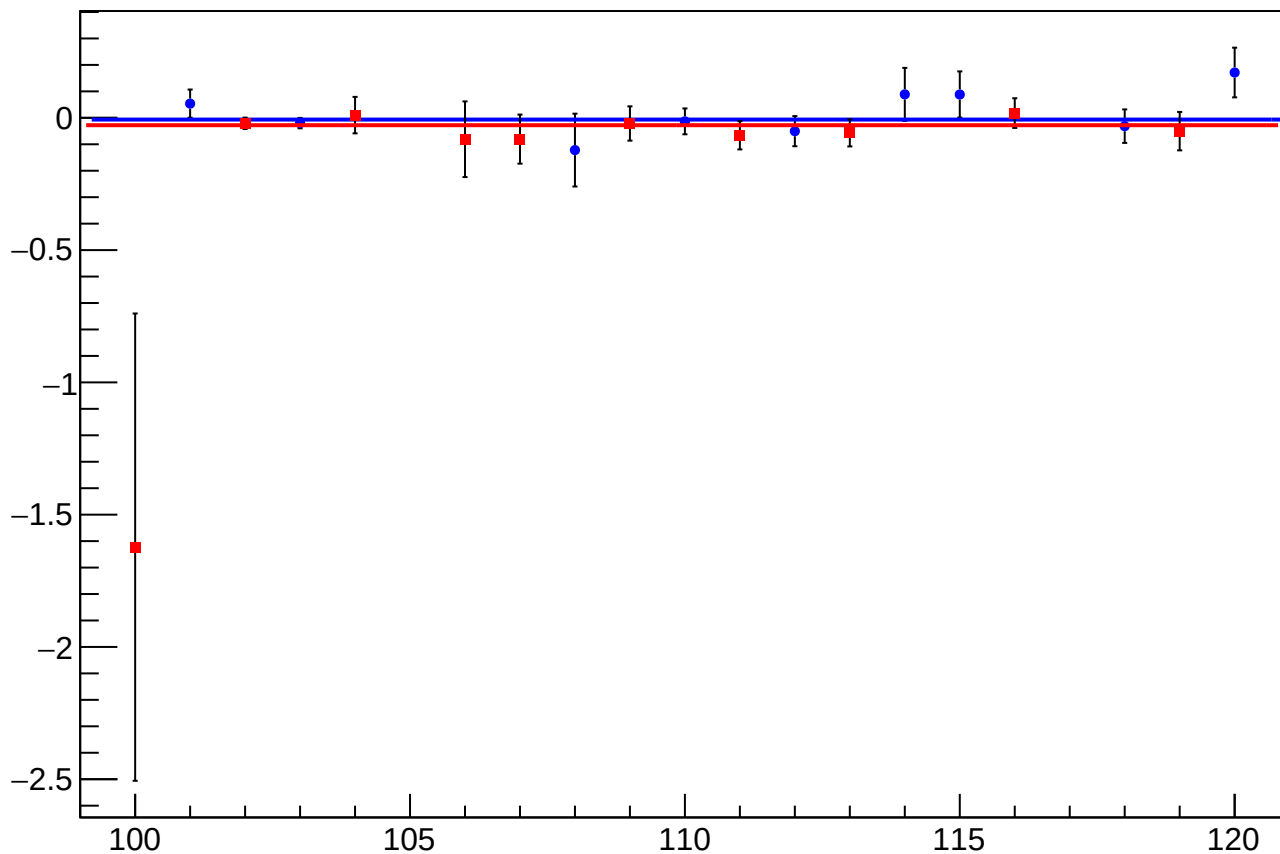
Right: 0.000+/-0.000 χ^2/NDF : 1403465.6/18

In: 0.000+/-0.000 χ^2/NDF : 890545.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1403465.6/18

asym_sam_37_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.015 χ^2 /NDF: 8.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.028 $\pm$ 0.016 χ^2 /NDF: 5.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

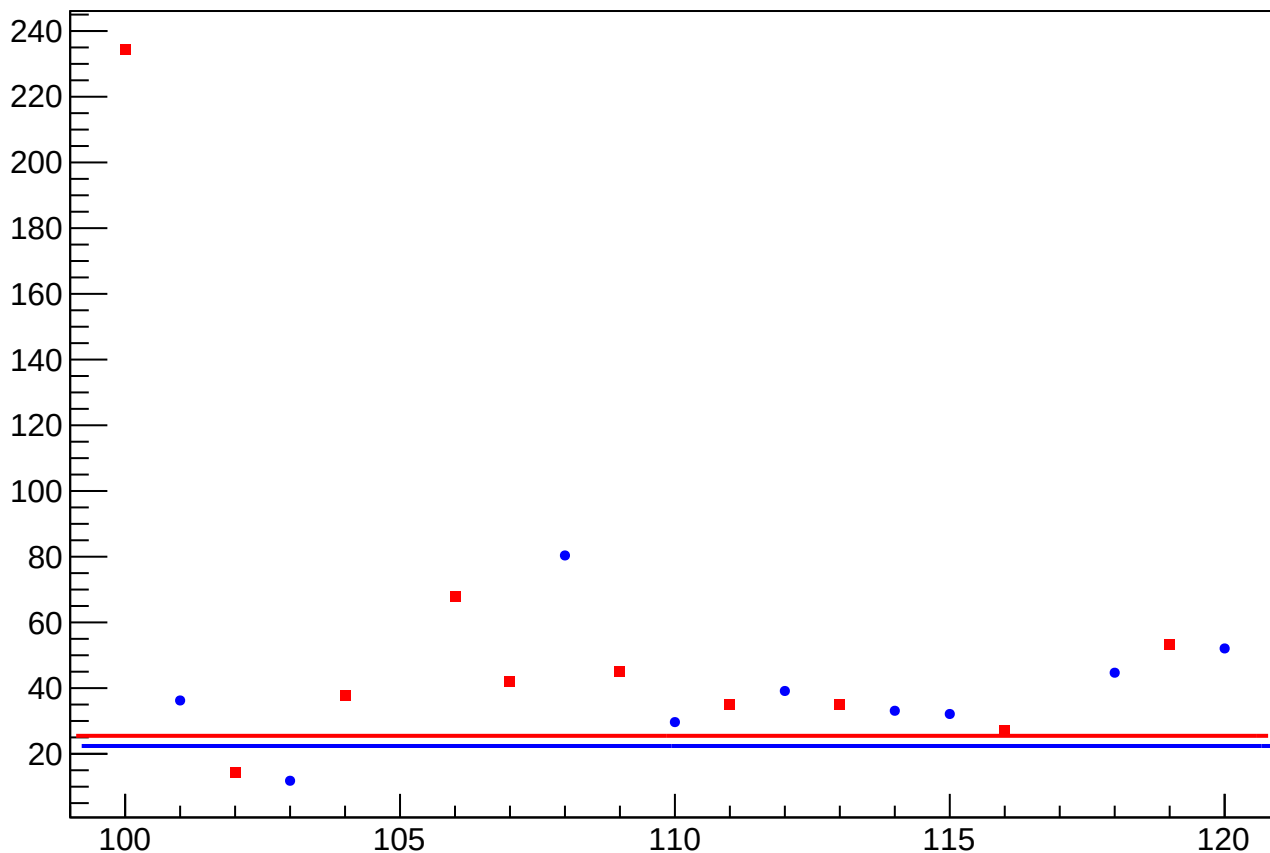
Right: -0.017 $\pm$ 0.011 χ^2 /NDF: 15.6/18

In: -0.007 $\pm$ 0.015 χ^2 /NDF:8.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.017 $\pm$ 0.011 χ^2 /NDF: 15.6/18

asym_sam_37_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.388+/-0.011 χ^2/NDF : 1784516.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.481+/-0.011 χ^2/NDF : 1568015.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

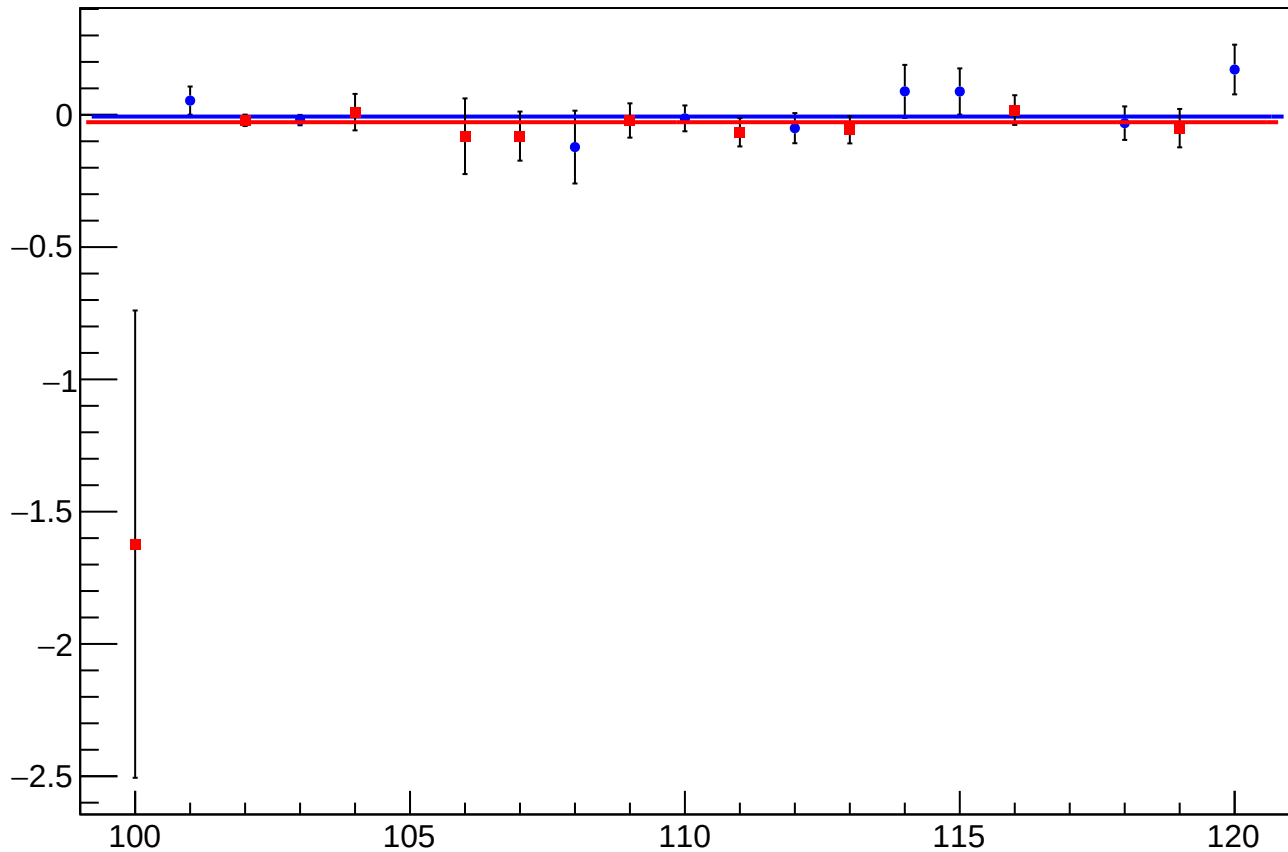
Right: 23.877+/-0.008 χ^2/NDF : 3392323.9/18

In: 22.388+/-0.011 χ^2/NDF : 1784516.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.877+/-0.008 χ^2/NDF : 3392323.9/18

asym_sam_37_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.015 χ^2 /NDF: 8.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.028 $\pm$ 0.016 χ^2 /NDF: 5.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

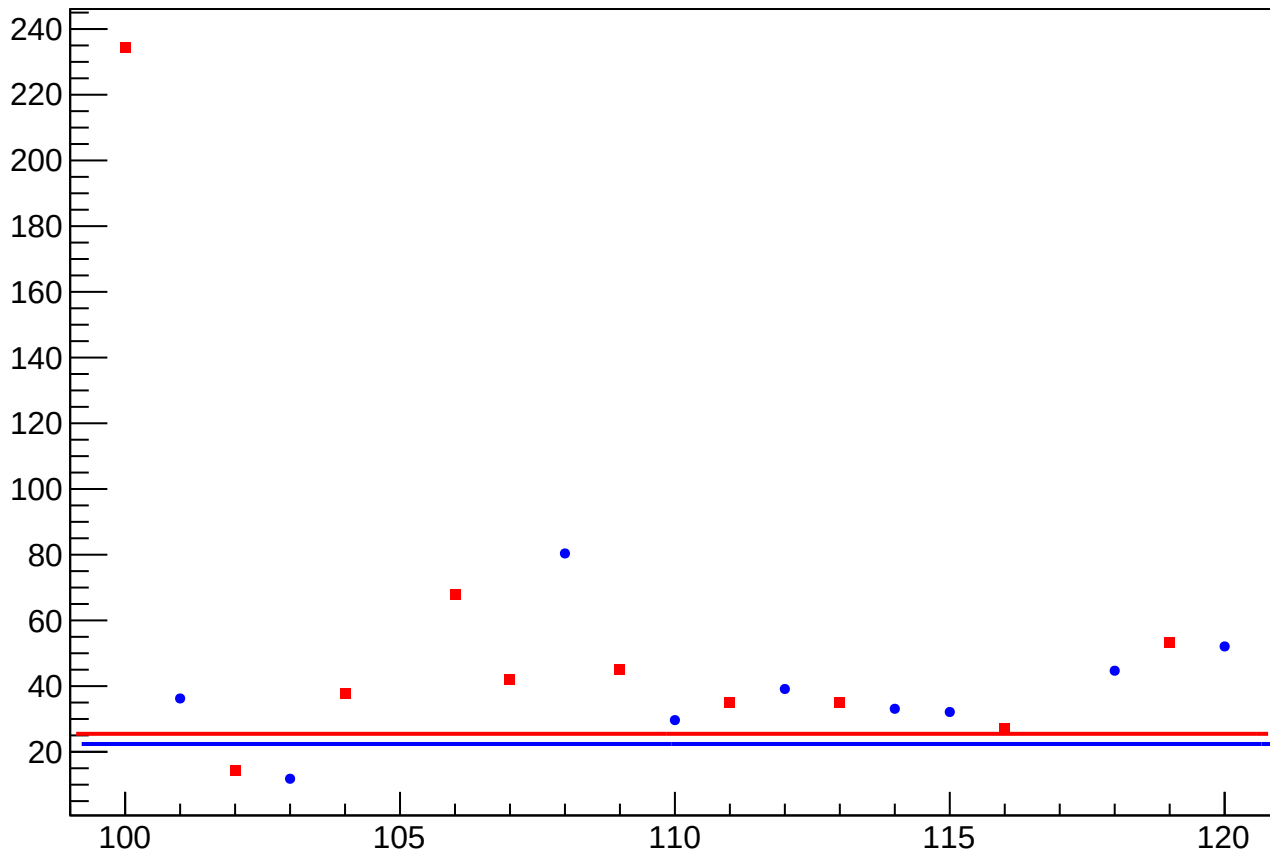
Right: -0.017 $\pm$ 0.011 χ^2 /NDF: 15.6/18

In: -0.007 $\pm$ 0.015 χ^2 /NDF:8.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.017 $\pm$ 0.011 χ^2 /NDF: 15.6/18

asym_sam_37_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.388+/-0.011 χ^2/NDF : 1784516.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.481+/-0.011 χ^2/NDF : 1568015.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

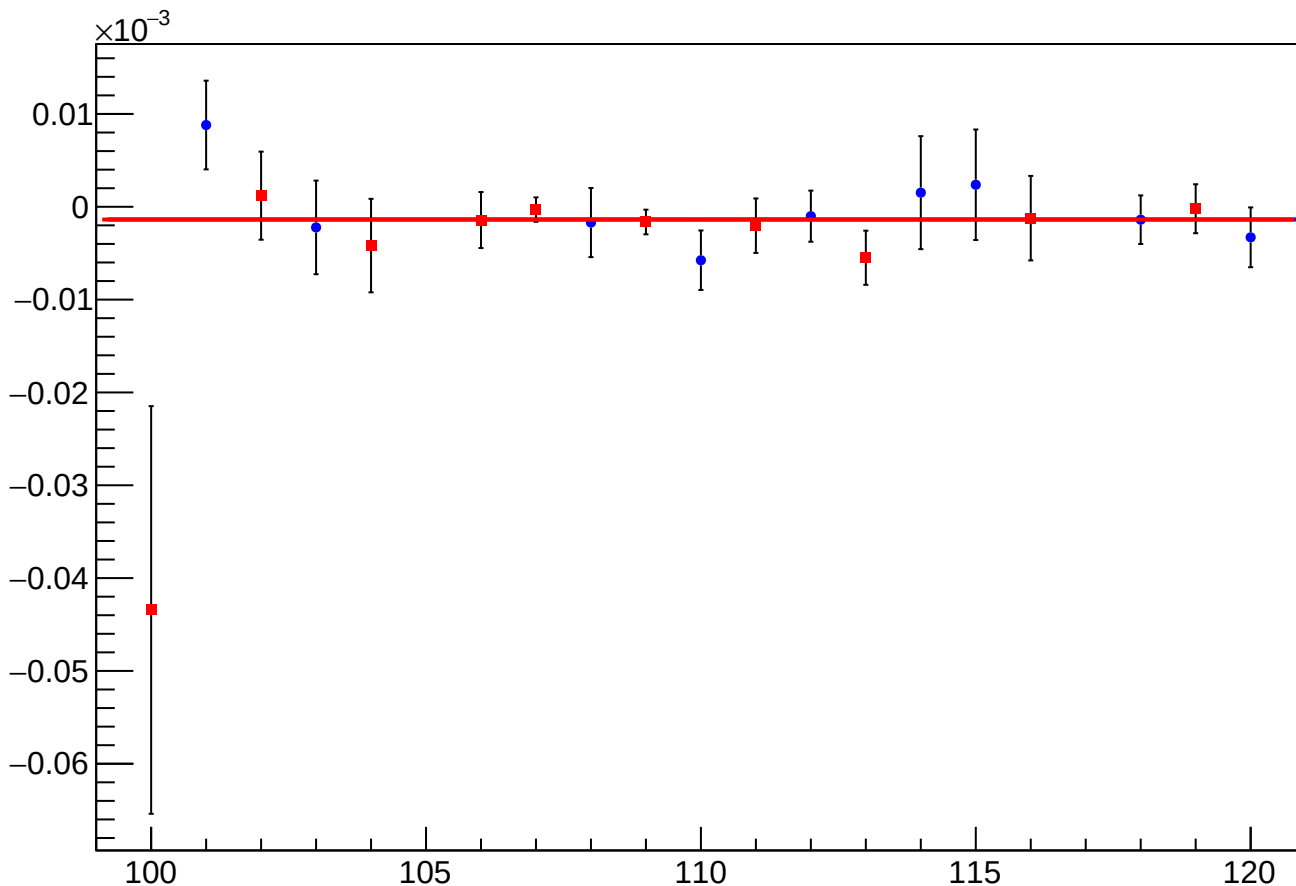
Right: 23.877+/-0.008 χ^2/NDF : 3392323.9/18

In: 22.388+/-0.011 χ^2/NDF : 1784516.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.877+/-0.008 χ^2/NDF : 3392323.9/18

asym_sam_37_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

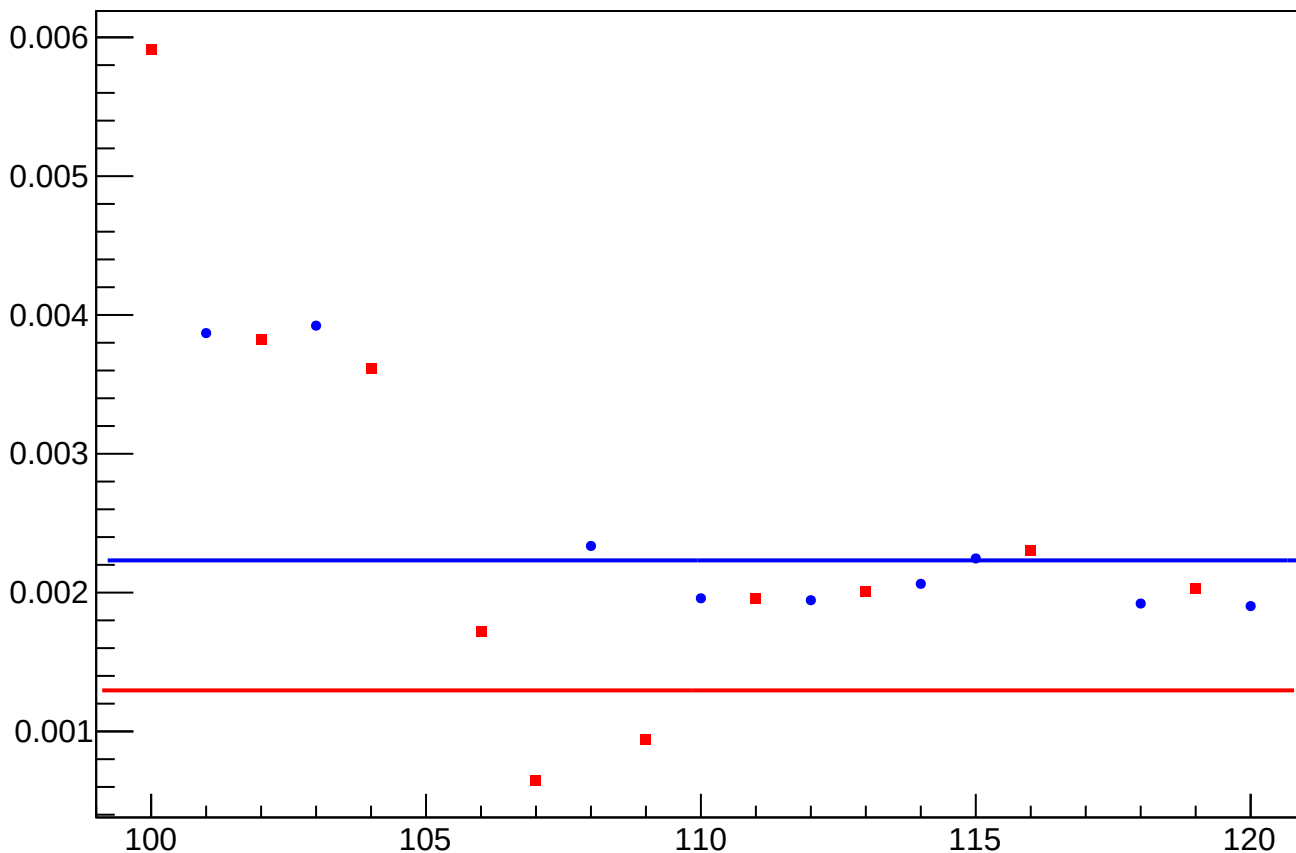
Right: -0.000+/-0.000 χ^2/NDF : 14.7/18

In: -0.000+/-0.000 χ^2/NDF : 7.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.7/18

asym_sam_37_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 548041.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2224609.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

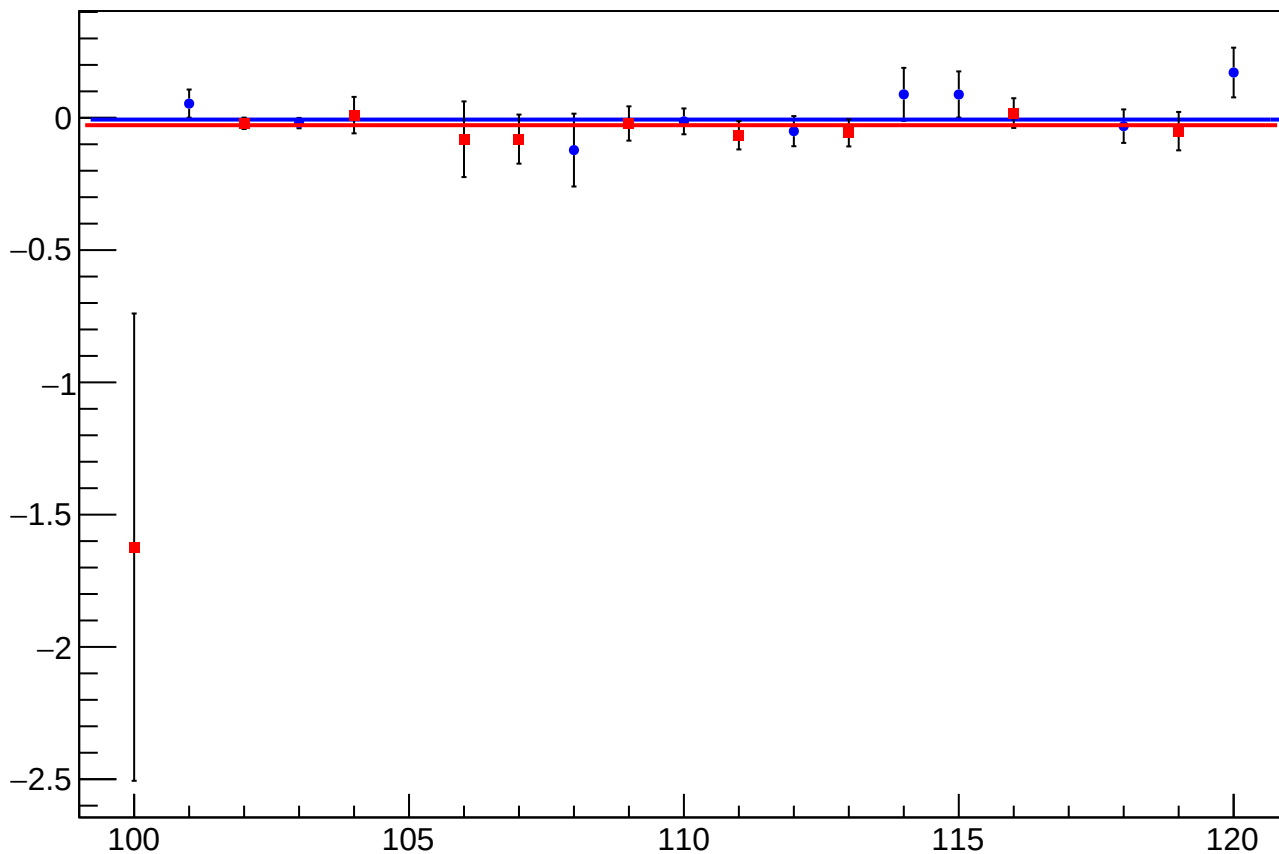
Right: 0.002+/-0.000 χ^2/NDF : 3635779.3/18

In: 0.002+/-0.000 χ^2/NDF : 548041.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3635779.3/18

asym_sam_37_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.015 χ^2 /NDF: 8.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.028 $\pm$ 0.016 χ^2 /NDF: 5.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

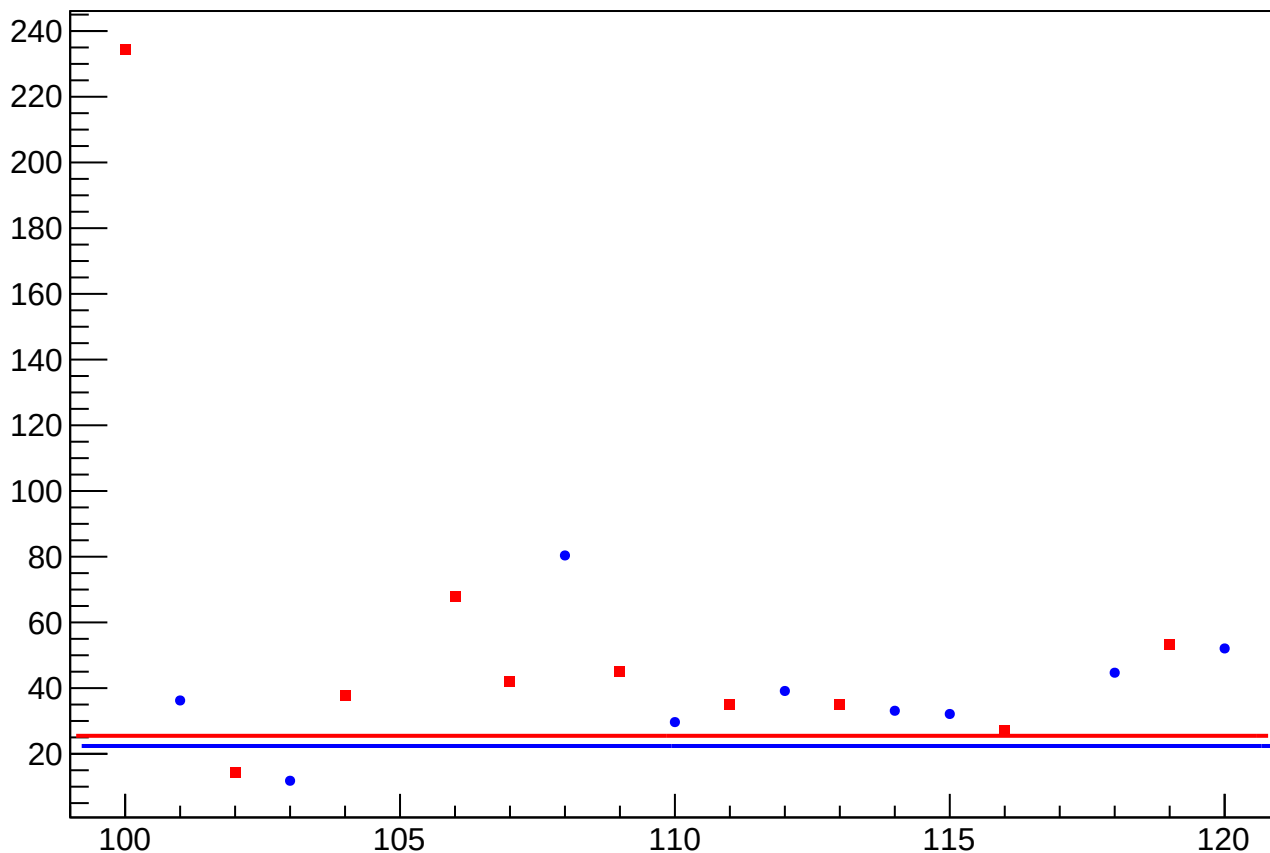
Right: -0.017 $\pm$ 0.011 χ^2 /NDF: 15.6/18

In: -0.007 $\pm$ 0.015 χ^2 /NDF:8.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.017 $\pm$ 0.011 χ^2 /NDF: 15.6/18

asym_sam_37_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.387+/-0.011 χ^2/NDF : 1784740.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.485+/-0.011 χ^2/NDF : 1567609.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

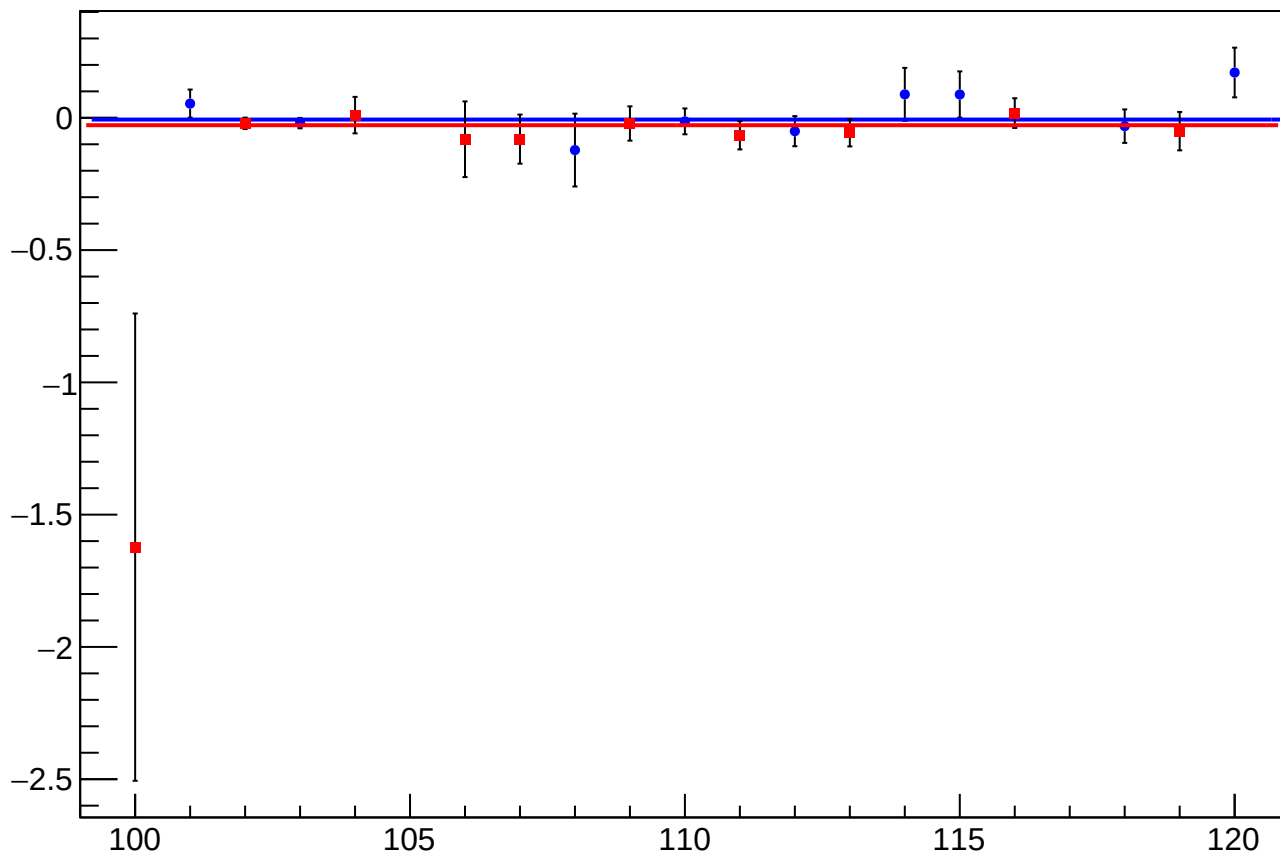
Right: 23.878+/-0.008 χ^2/NDF : 3392259.1/18

In: 22.387+/-0.011 χ^2/NDF : 1784740.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.878+/-0.008 χ^2/NDF : 3392259.1/18

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.015 χ^2/NDF : 8.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.028 ± 0.016 χ^2/NDF : 5.7/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

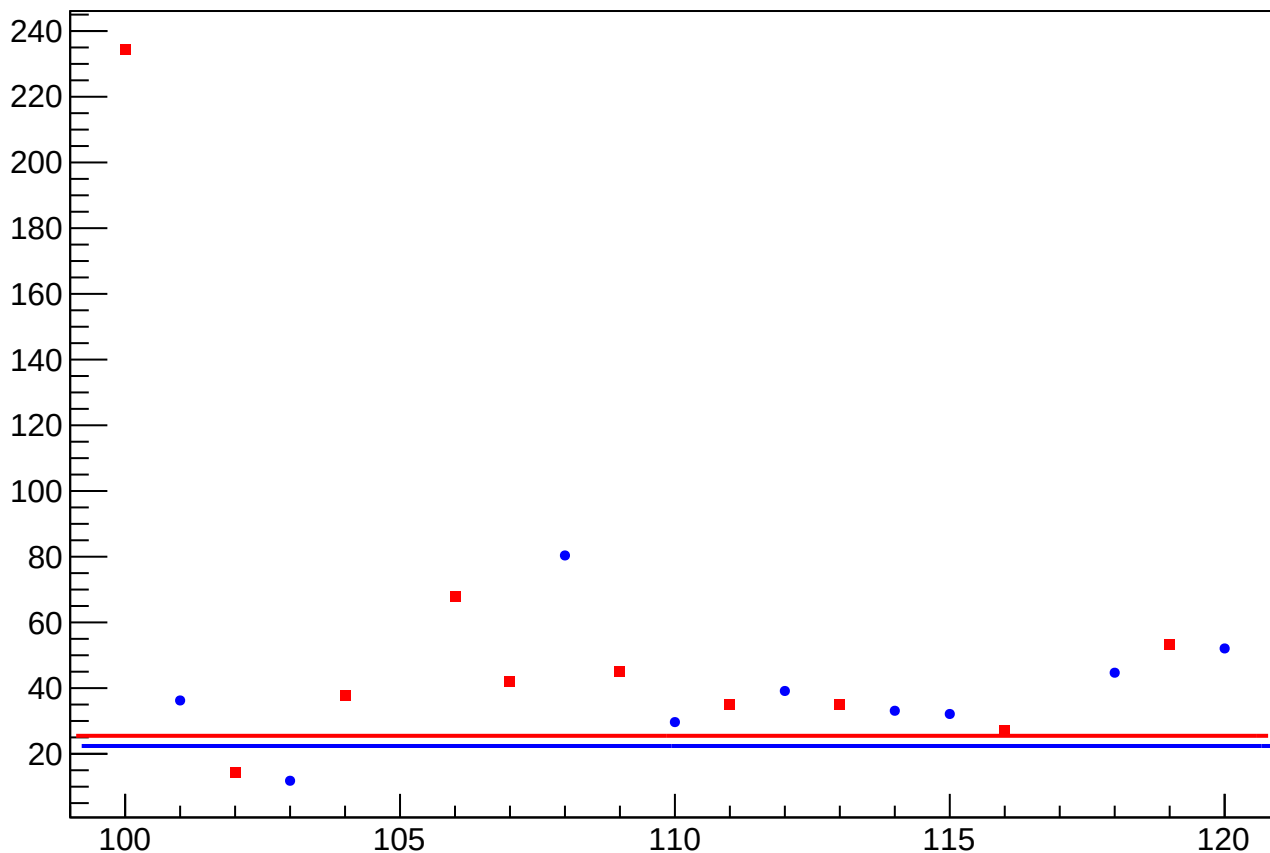
Right: -0.017 ± 0.011 χ^2/NDF : 15.6/18

In: -0.007 ± 0.015 χ^2/NDF : 8.9/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.017 ± 0.011 χ^2/NDF : 15.6/18

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.387+/-0.011 χ^2/NDF : 1784740.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.485+/-0.011 χ^2/NDF : 1567609.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

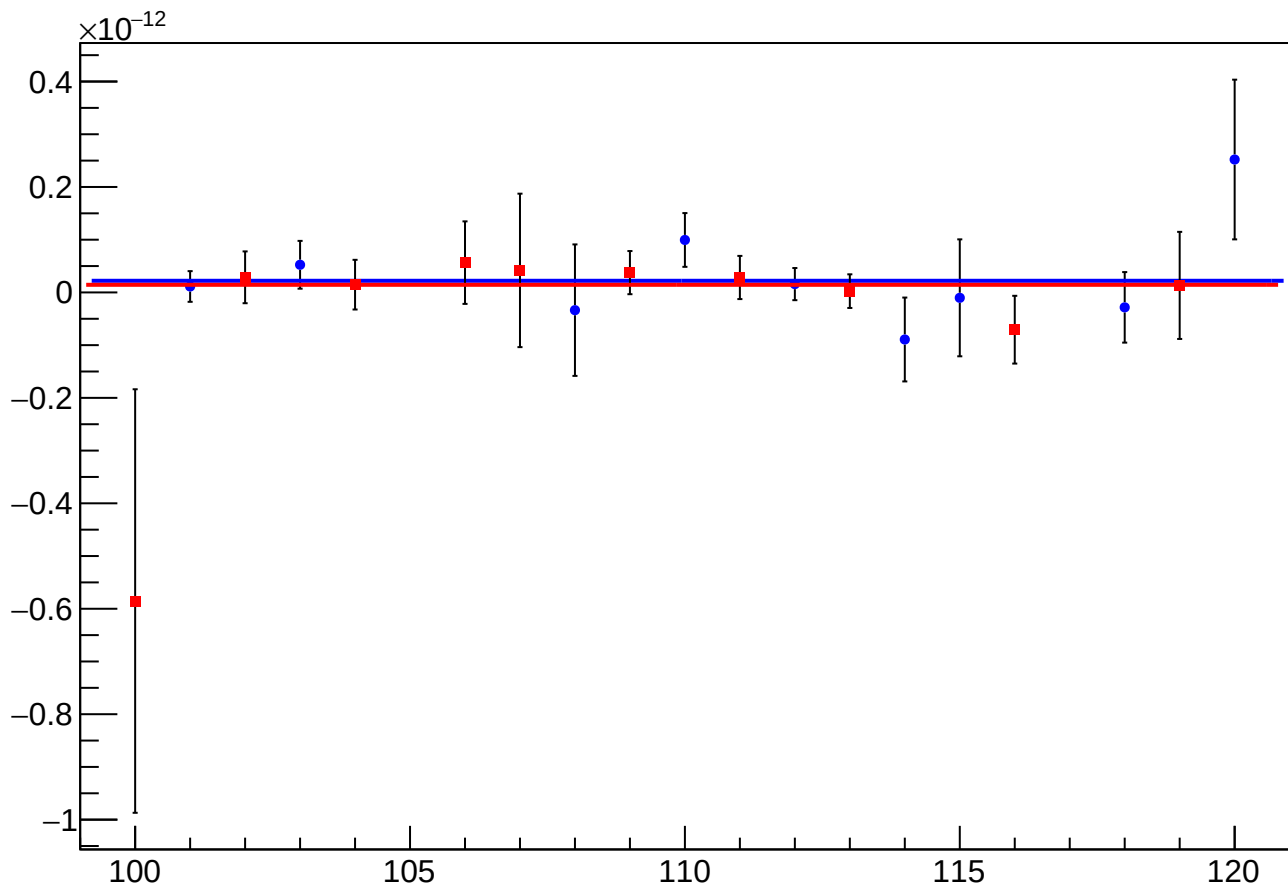
Right: 23.878+/-0.008 χ^2/NDF : 3392259.1/18

In: 22.387+/-0.011 χ^2/NDF : 1784740.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.878+/-0.008 χ^2/NDF : 3392259.1/18

asym_sam_37_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

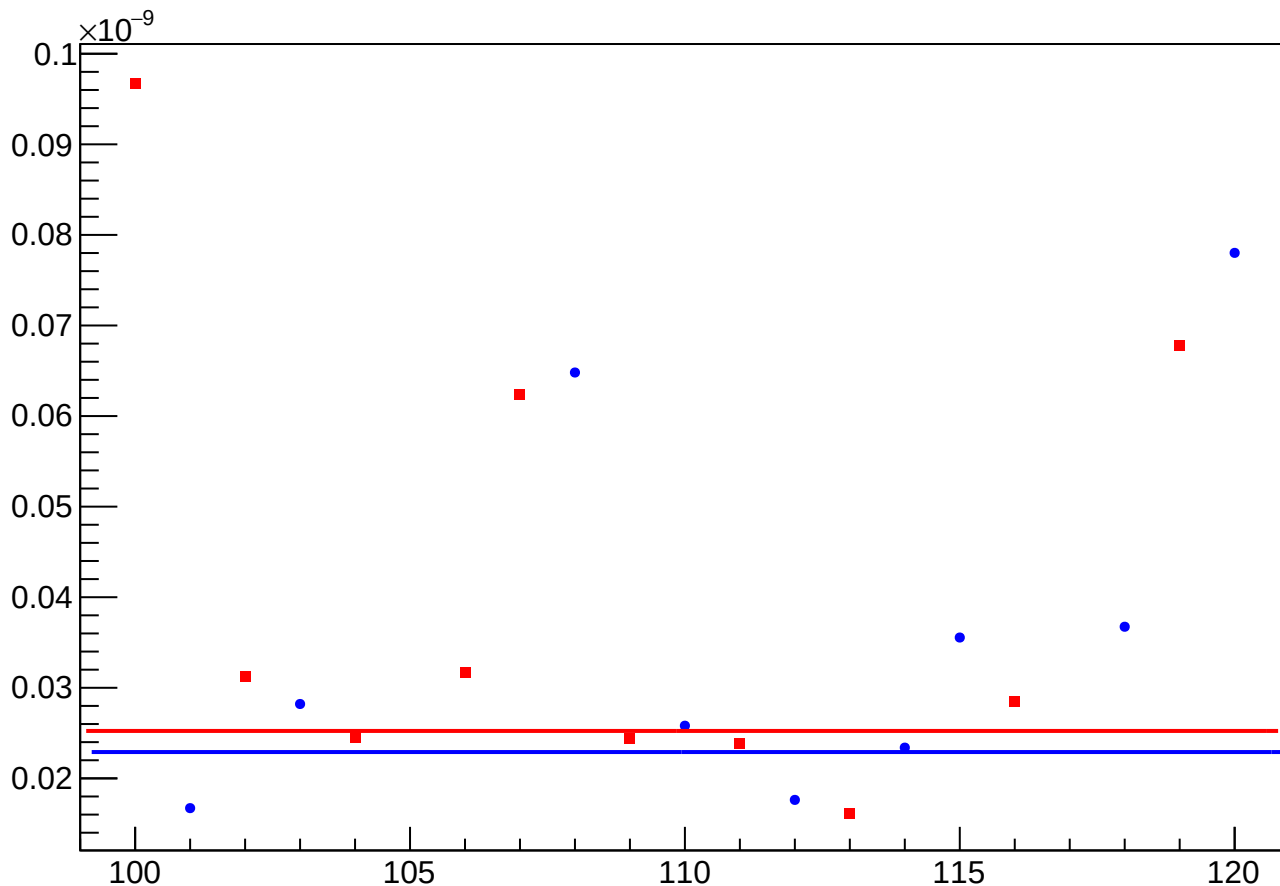
Right: 0.000+/-0.000 χ^2/NDF : 13.1/18

In: 0.000+/-0.000 χ^2/NDF : 8.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.1/18

asym_sam_37_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 786852.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 760286.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

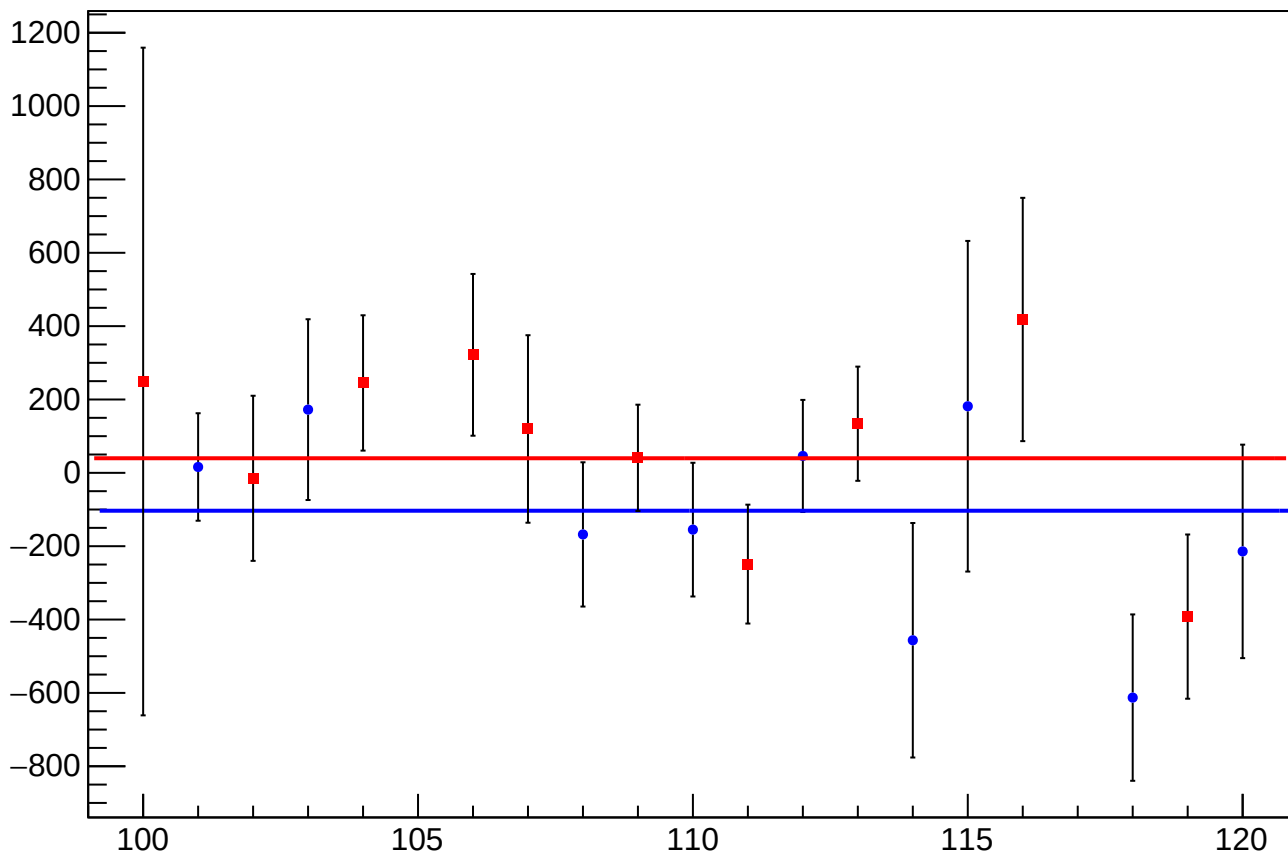
Right: 0.000+/-0.000 χ^2/NDF : 1566936.8/18

In: 0.000+/-0.000 χ^2/NDF : 786852.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1566936.8/18

reg_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -103.293+/-69.380 χ^2/NDF : 9.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.778+/-64.264 χ^2/NDF : 11.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

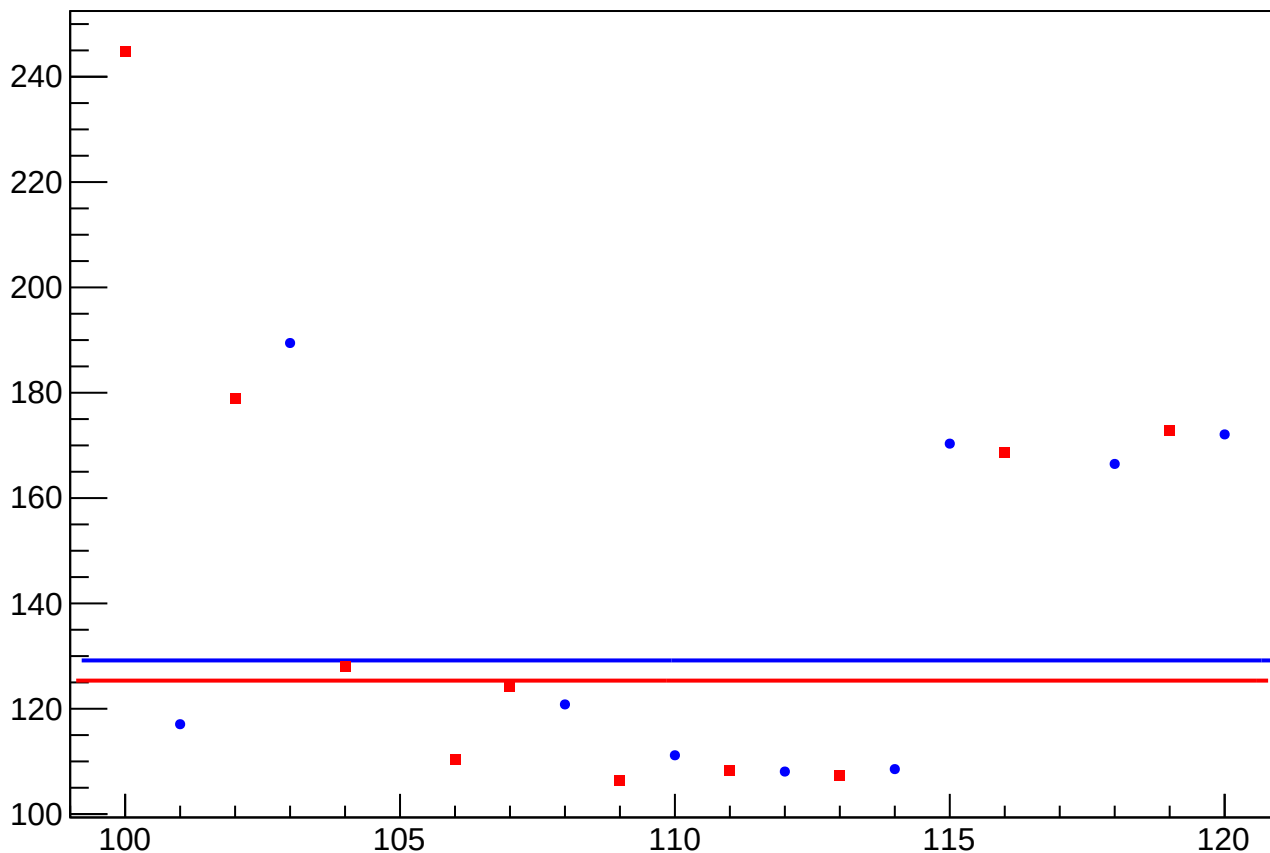
Right: -26.289+/-47.146 χ^2/NDF : 23.8/18

In: -103.293+/-69.380 χ^2/NDF : 9.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.289+/-47.146 χ^2/NDF : 23.8/18

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 129.174+/-0.049 χ^2/NDF : 317126.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.344+/-0.045 χ^2/NDF : 364546.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

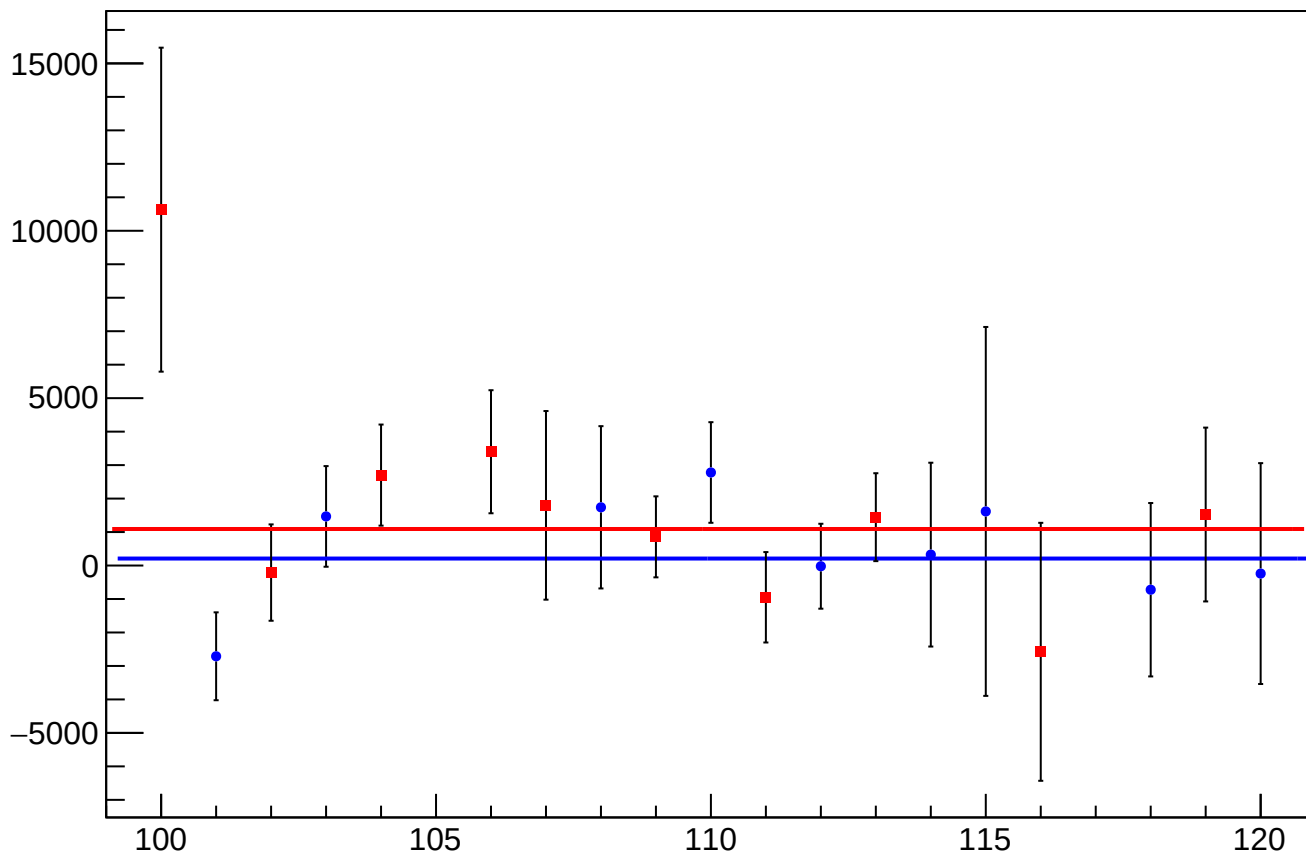
Right: 127.113+/-0.033 χ^2/NDF : 684954.2/18

In: 129.174+/-0.049 χ^2/NDF : 317126.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.113+/-0.033 χ^2/NDF : 684954.2/18

asym_sam_48_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 208.758+/-612.690 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1091.493+/-541.273 χ^2/NDF : 10.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

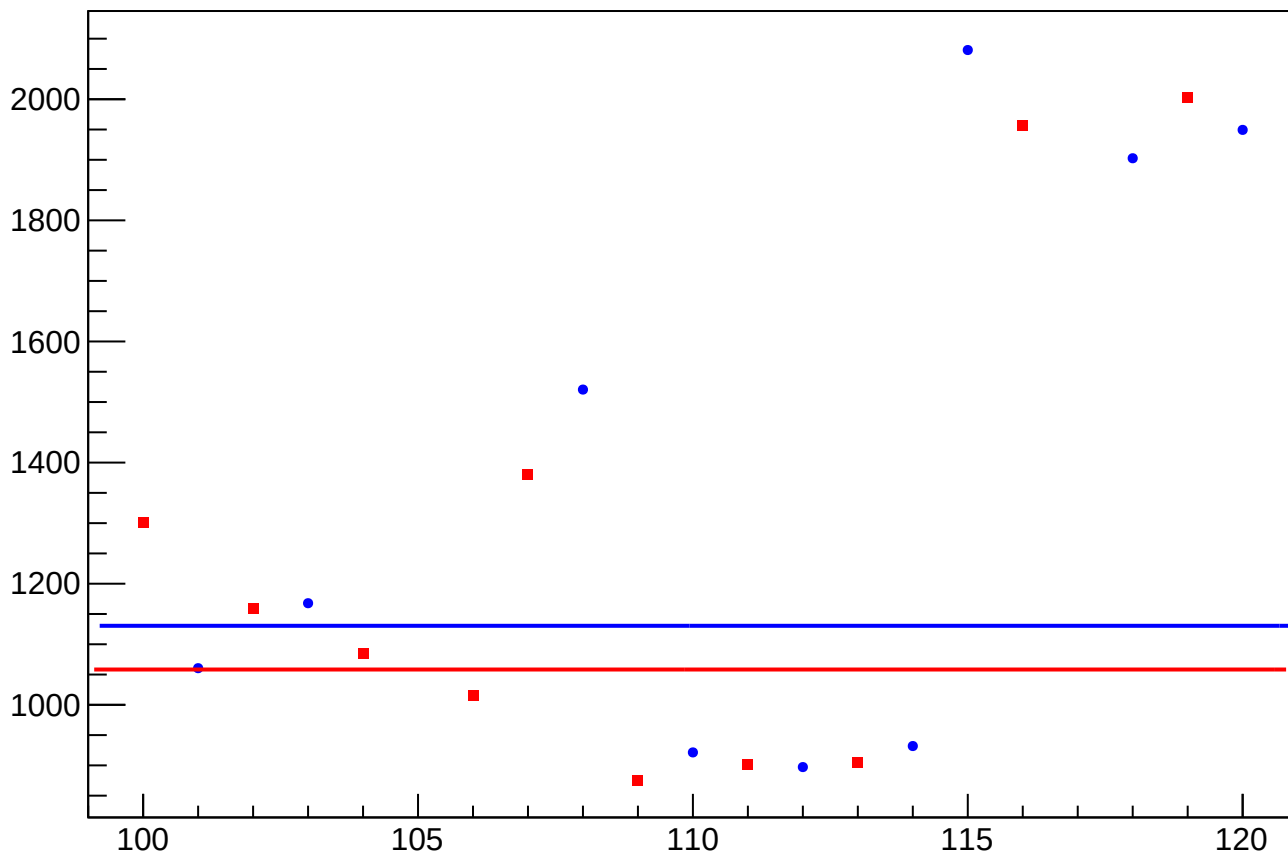
Right: 704.548+/-405.649 χ^2/NDF : 21.2/18

In: 208.758+/-612.690 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 704.548+/-405.649 χ^2/NDF : 21.2/18

asym_sam_48_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1130.497+/-0.433 χ^2/NDF : 536026.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1058.304+/-0.383 χ^2/NDF : 516265.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

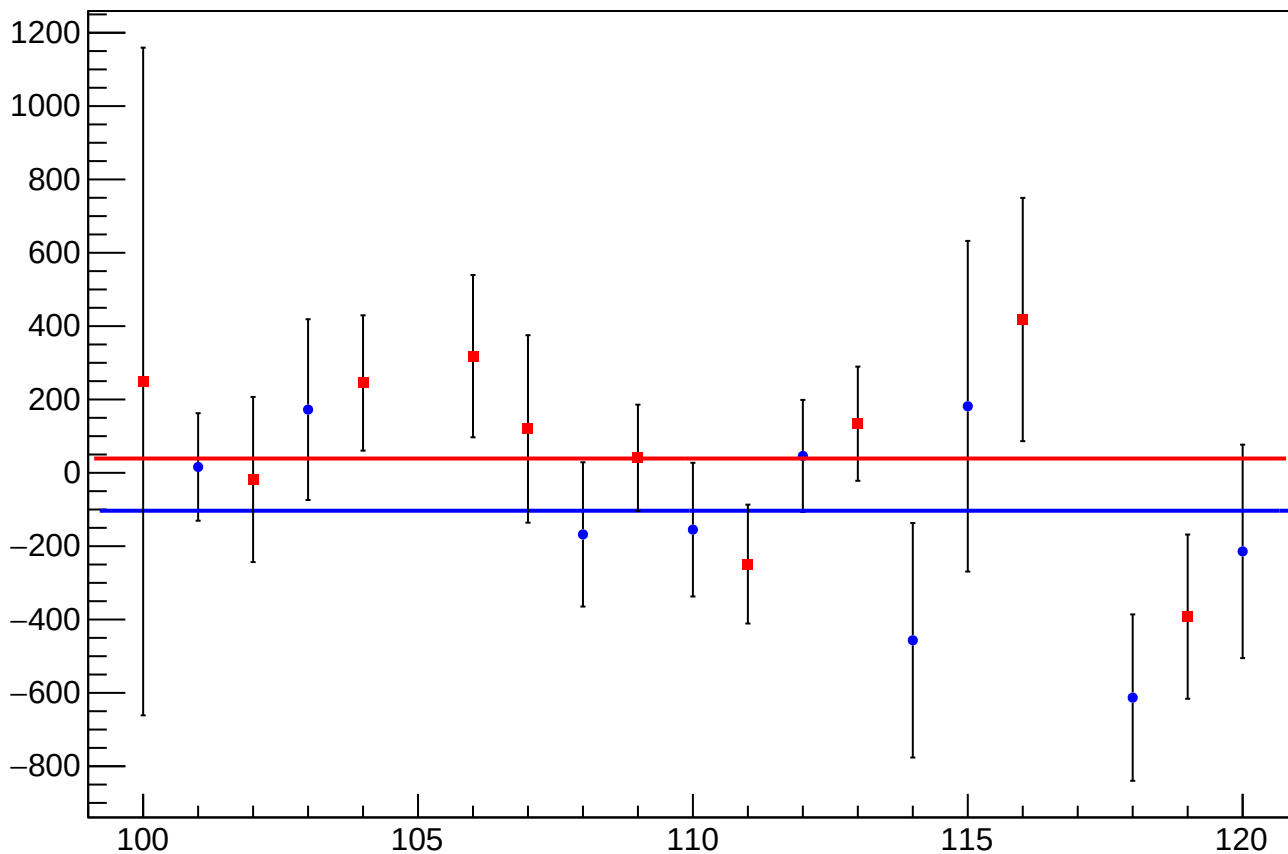
Right: 1089.950+/-0.287 χ^2/NDF : 1067887.5/18

In: 1130.497+/-0.433 χ^2/NDF : 536026.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1089.950+/-0.287 χ^2/NDF : 1067887.5/18

cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -103.318+/-69.380 χ^2/NDF : 9.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 39.036+/-64.283 χ^2/NDF : 11.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

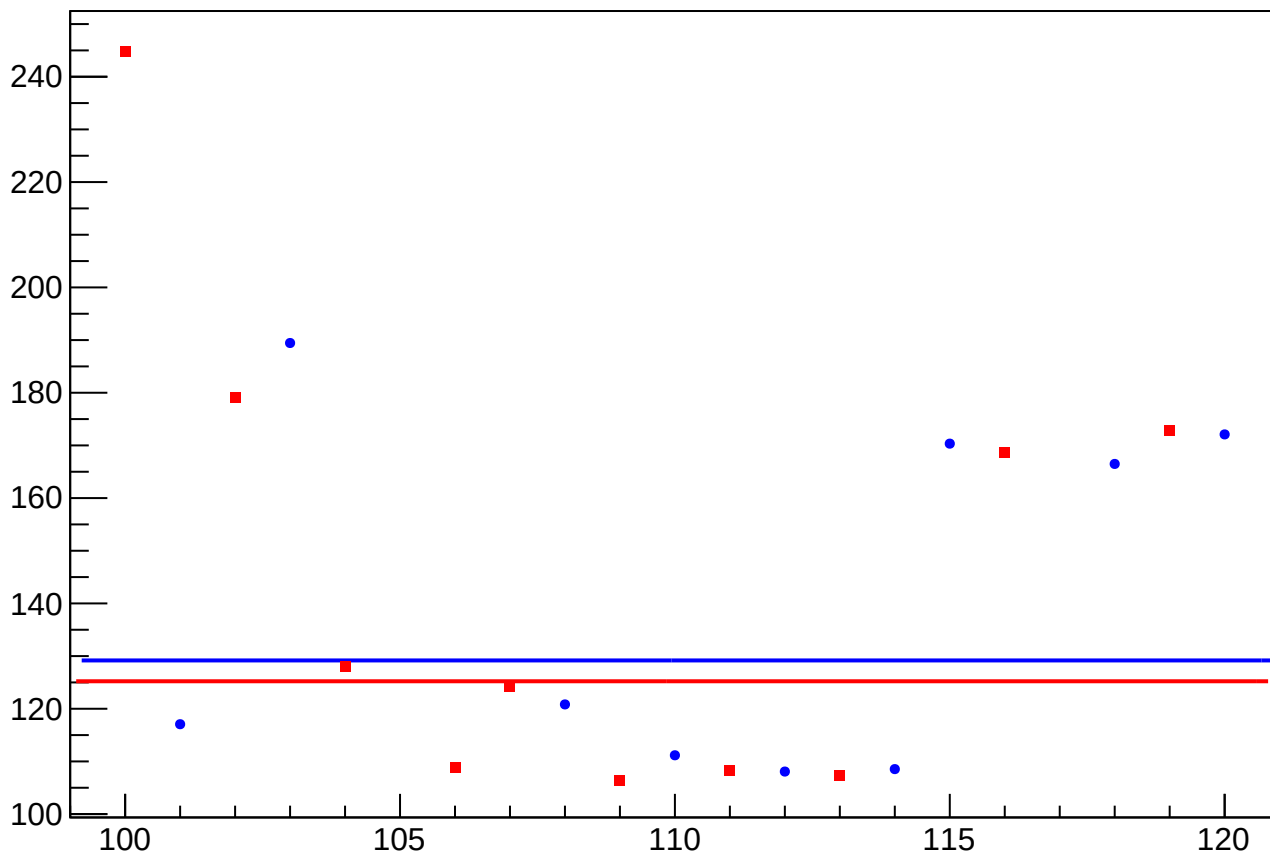
Right: -26.721+/-47.154 χ^2/NDF : 23.7/18

In: -103.318+/-69.380 χ^2/NDF :9.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -26.721+/-47.154 χ^2/NDF : 23.7/18

cor_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 129.174+/-0.049 χ^2/NDF : 317130.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.219+/-0.045 χ^2/NDF : 366767.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

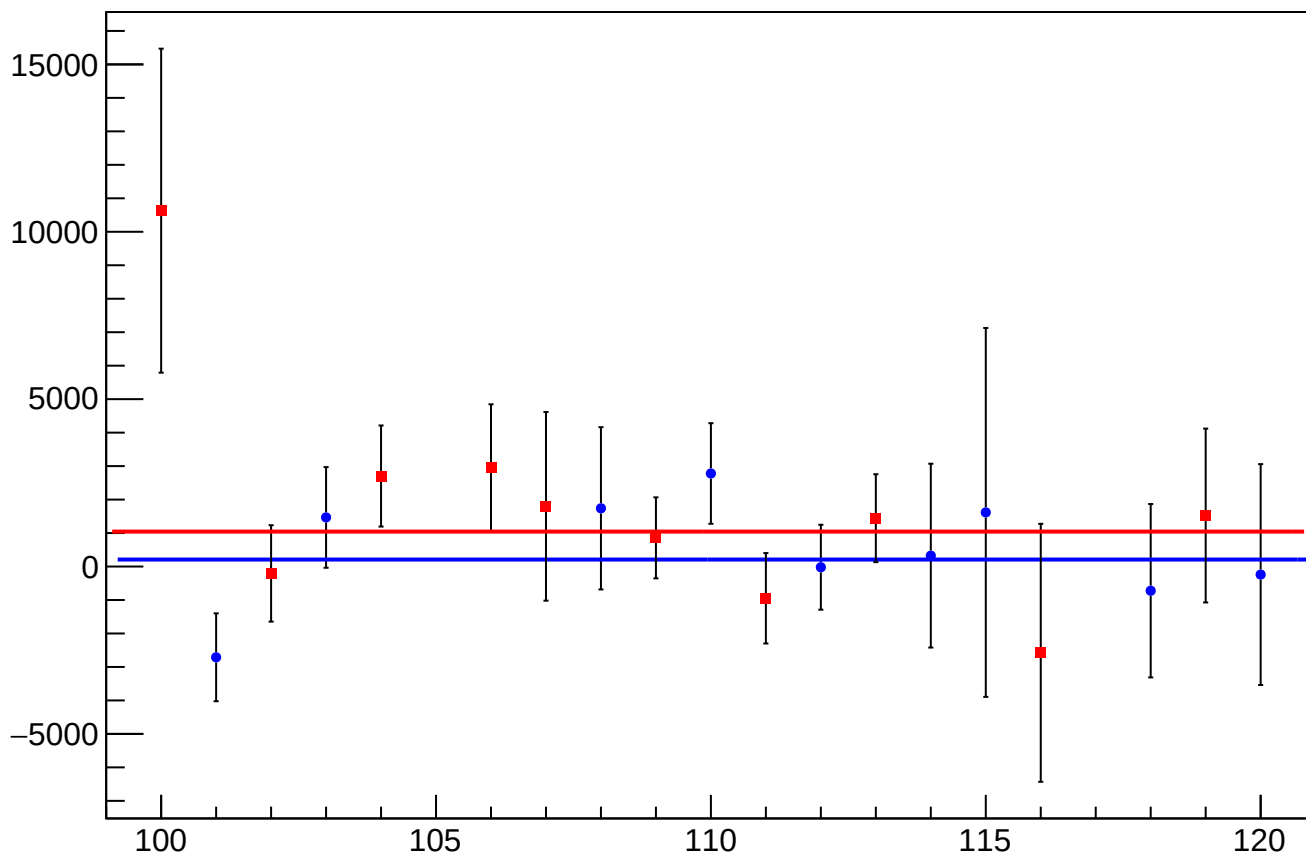
Right: 127.046+/-0.033 χ^2/NDF : 687394.7/18

In: 129.174+/-0.049 χ^2/NDF : 317130.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.046+/-0.033 χ^2/NDF : 687394.7/18

asym_sam_48_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 208.657+/-612.699 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1044.111+/-542.699 χ^2/NDF : 10.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

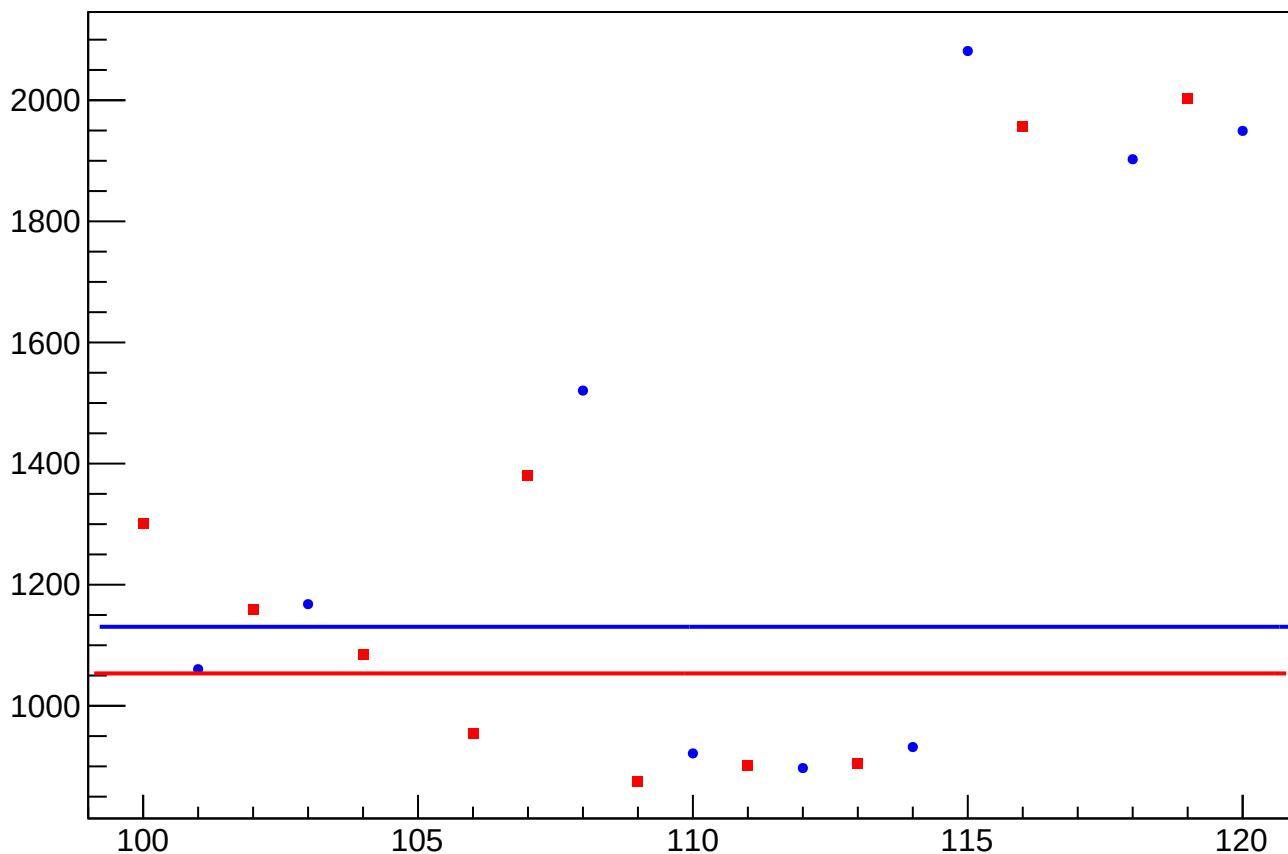
Right: 676.815+/-406.251 χ^2/NDF : 20.4/18

In: 208.657+/-612.699 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 676.815+/-406.251 χ^2/NDF : 20.4/18

asym_sam_48_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1130.513+/-0.433 χ^2/NDF : 536031.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1053.516+/-0.384 χ^2/NDF : 521211.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

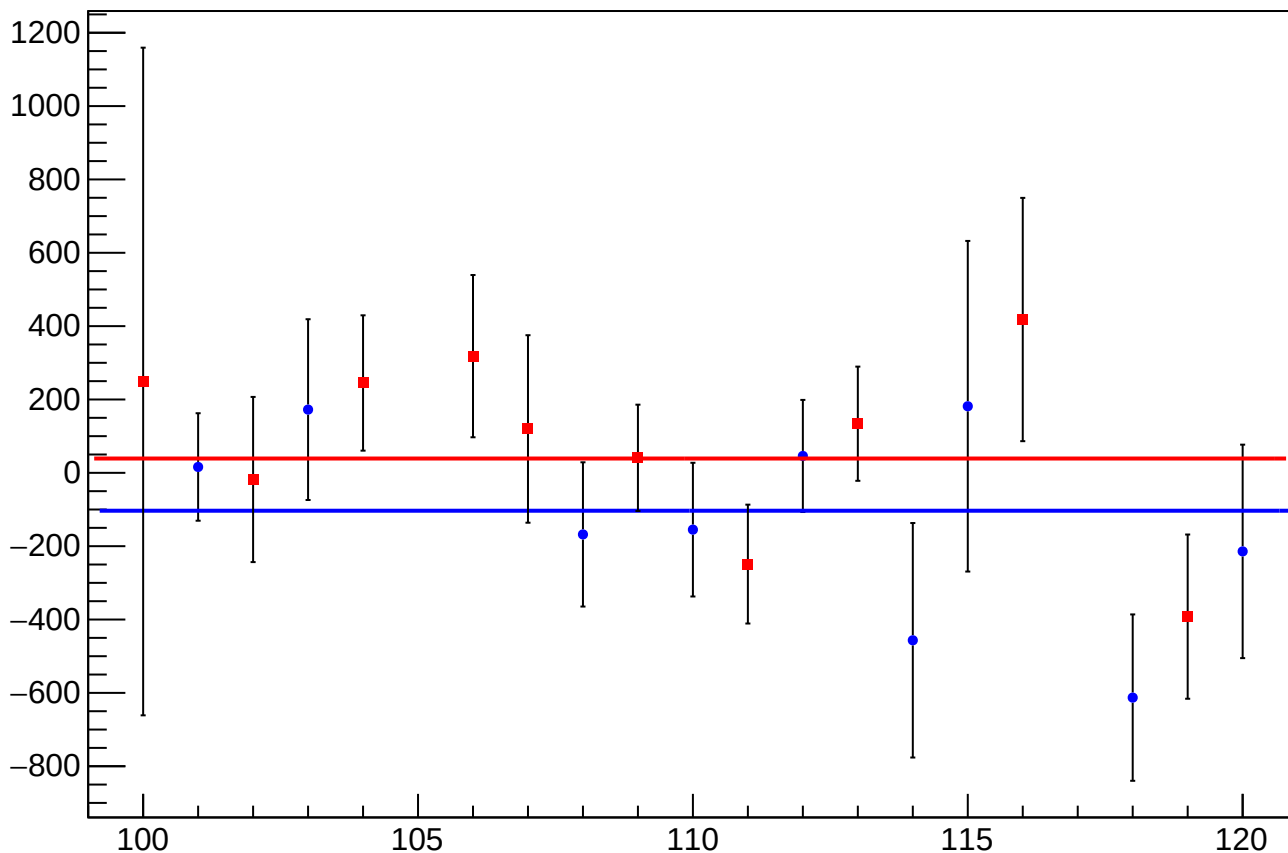
Right: 1087.367+/-0.287 χ^2/NDF : 1074941.8/18

In: 1130.513+/-0.433 χ^2/NDF : 536031.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1087.367+/-0.287 χ^2/NDF : 1074941.8/18

eigen_cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -103.318+/-69.380 χ^2/NDF : 9.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 39.036+/-64.283 χ^2/NDF : 11.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

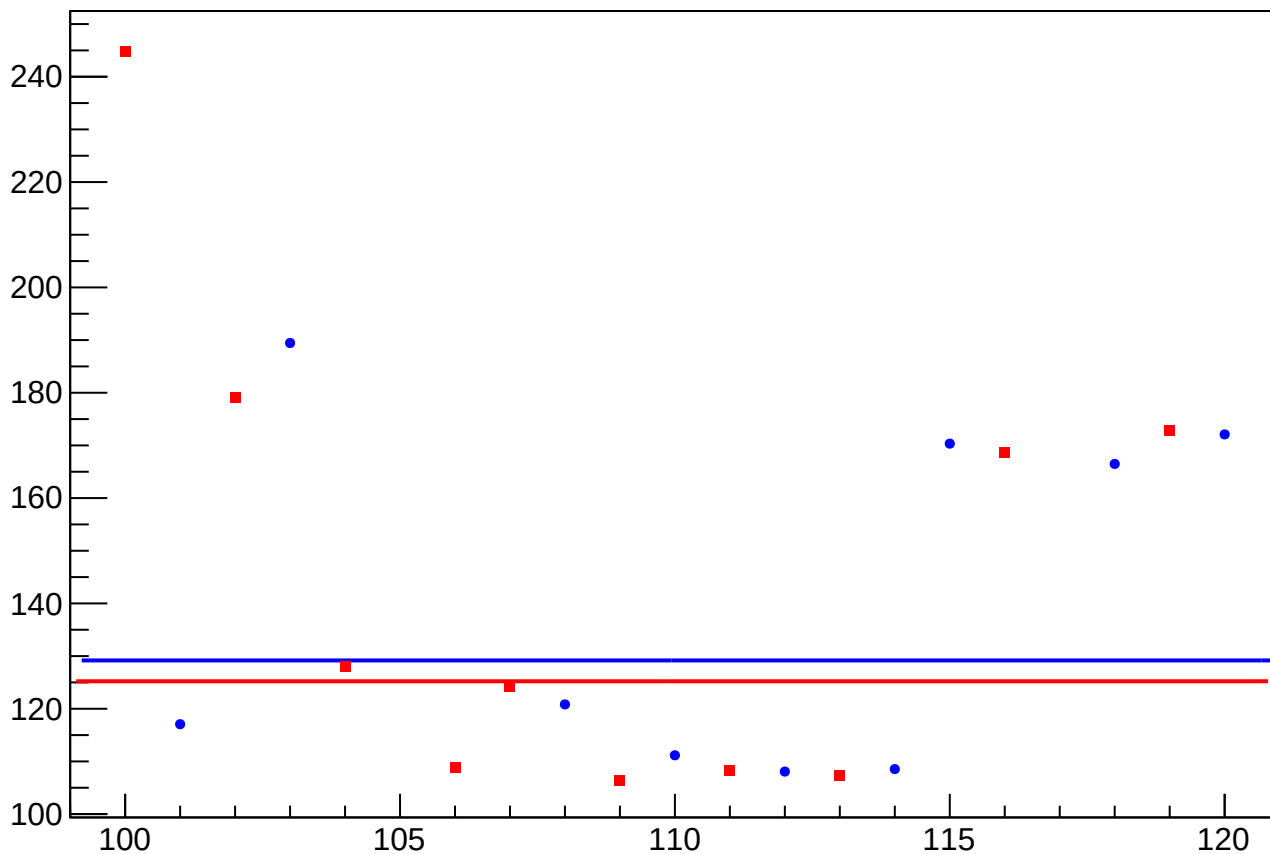
Right: -26.721+/-47.154 χ^2/NDF : 23.7/18

In: -103.318+/-69.380 χ^2/NDF :9.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -26.721+/-47.154 χ^2/NDF : 23.7/18

eigen_cor_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 129.174+/-0.049 χ^2/NDF : 317130.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.219+/-0.045 χ^2/NDF : 366767.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

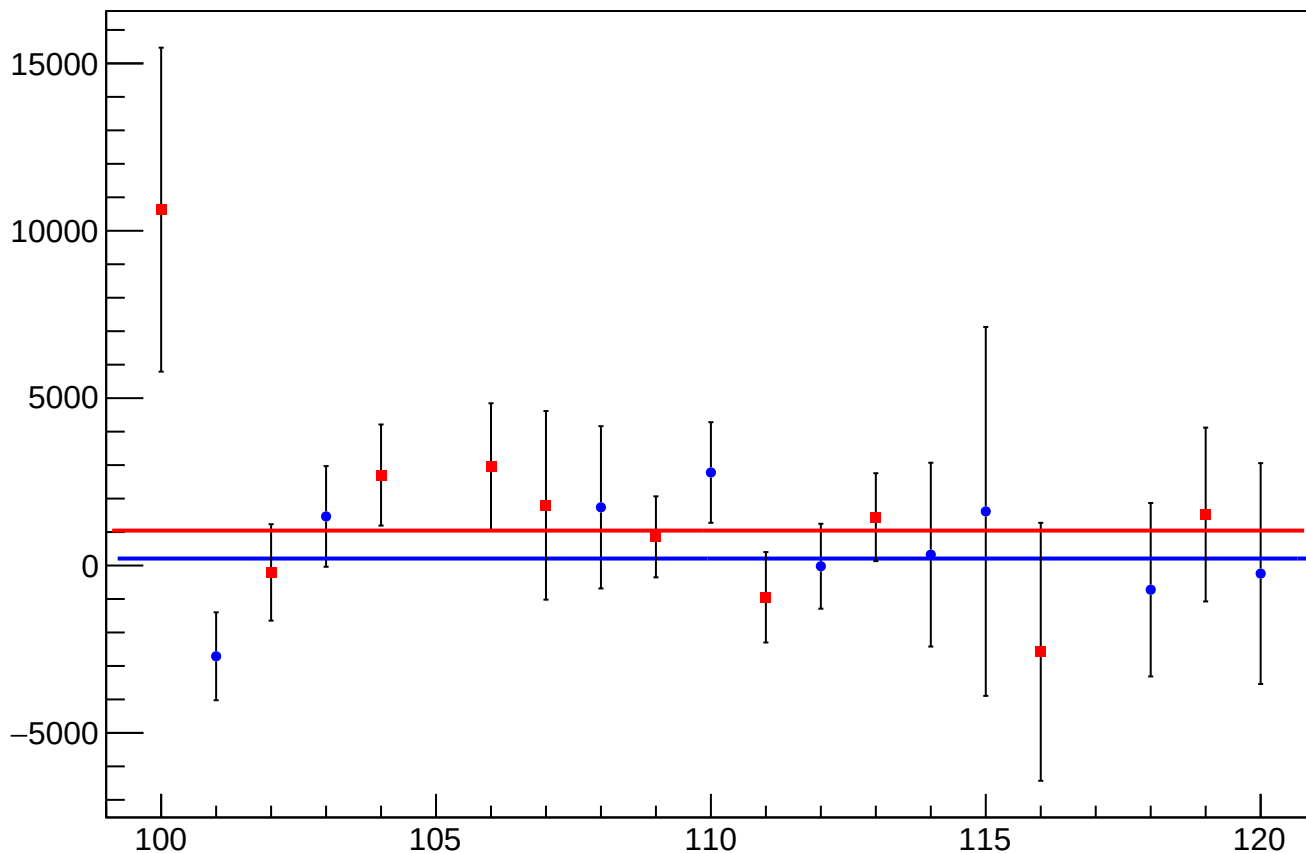
Right: 127.046+/-0.033 χ^2/NDF : 687394.7/18

In: 129.174+/-0.049 χ^2/NDF : 317130.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.046+/-0.033 χ^2/NDF : 687394.7/18

asym_sam_48_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 208.657+/-612.699 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1044.111+/-542.699 χ^2/NDF : 10.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

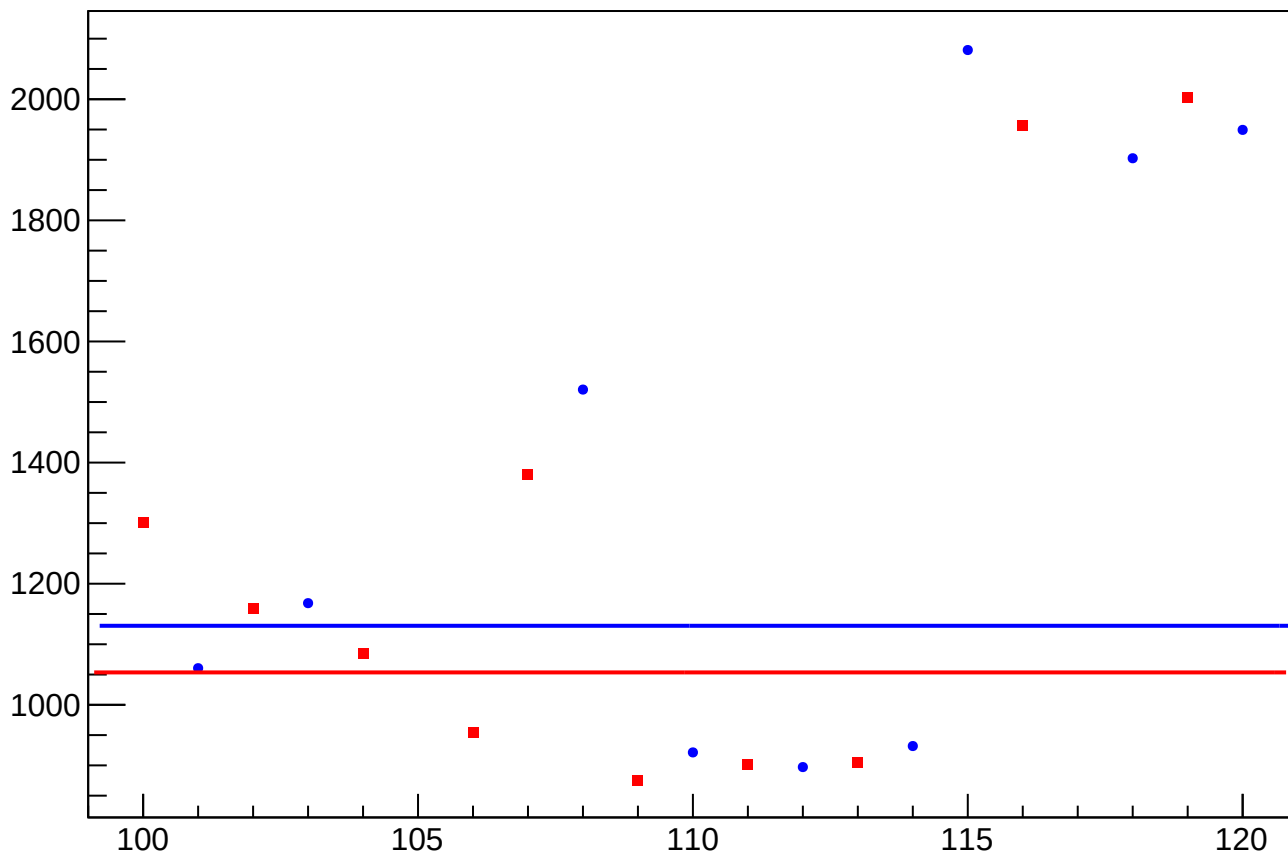
Right: 676.815+/-406.251 χ^2/NDF : 20.4/18

In: 208.657+/-612.699 χ^2/NDF :9.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 676.815+/-406.251 χ^2/NDF : 20.4/18

asym_sam_48_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1130.513+/-0.433 χ^2/NDF : 536031.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1053.516+/-0.384 χ^2/NDF : 521211.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

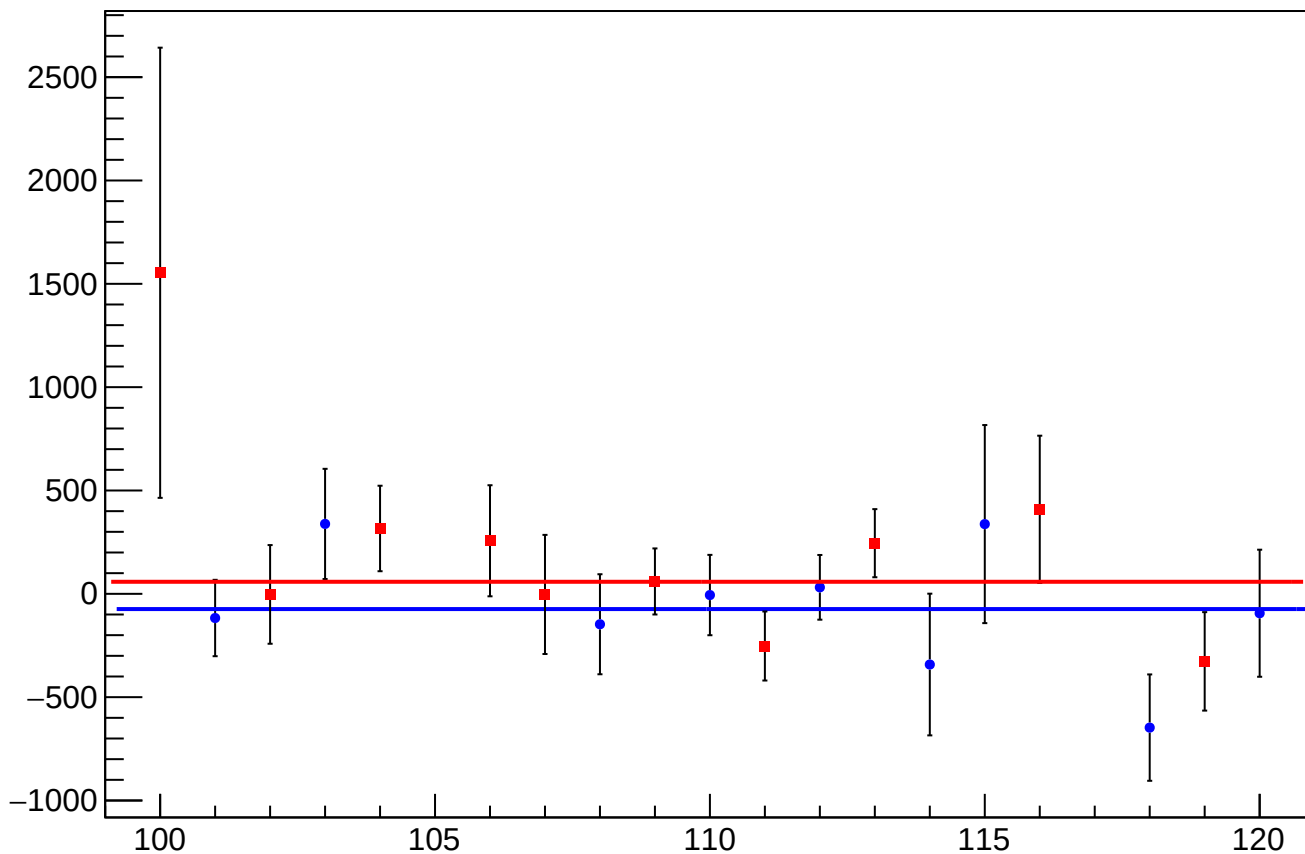
Right: 1087.367+/-0.287 χ^2/NDF : 1074941.8/18

In: 1130.513+/-0.433 χ^2/NDF : 536031.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1087.367+/-0.287 χ^2/NDF : 1074941.8/18

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -73.724+/-77.558 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 58.329+/-69.844 χ^2/NDF : 12.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

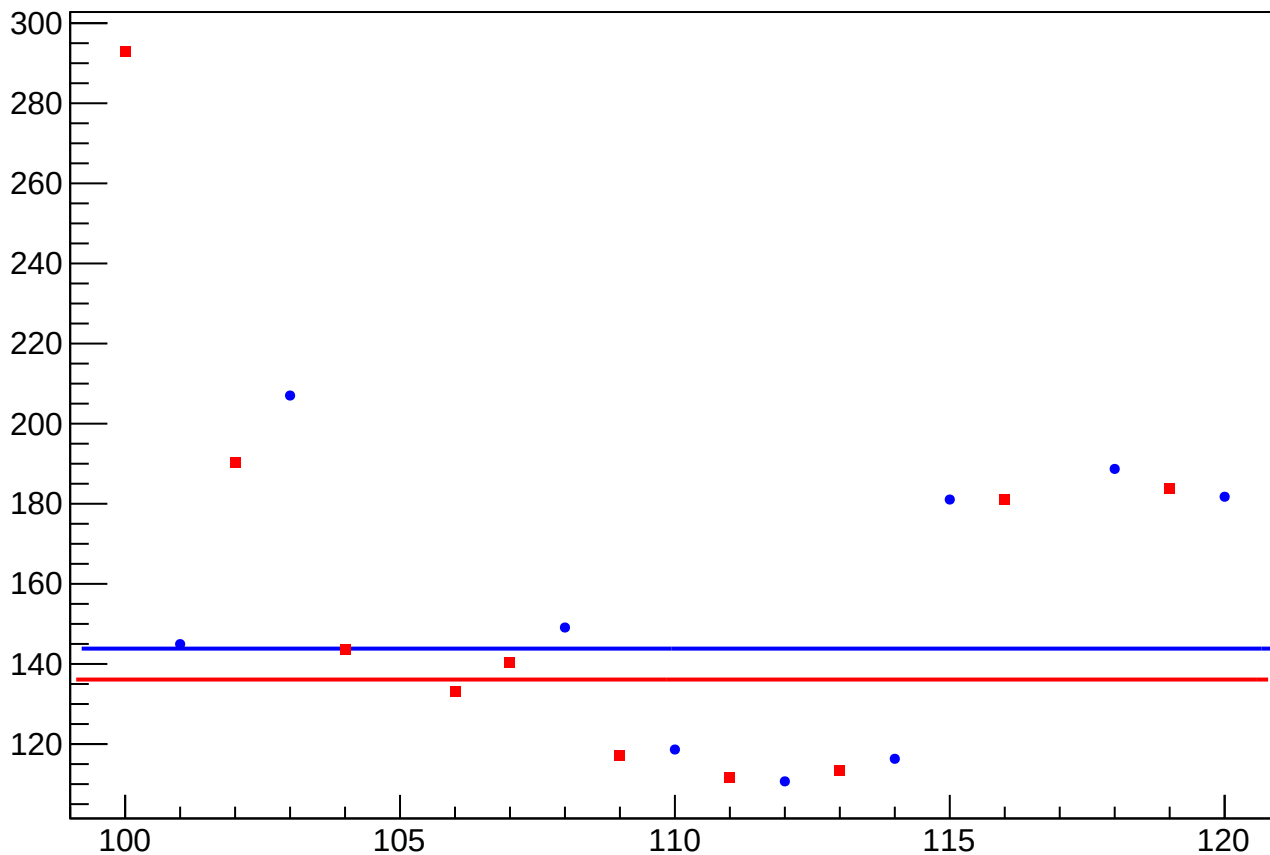
Right: -0.806+/-51.901 χ^2/NDF : 23.5/18

In: -73.724+/-77.558 χ^2/NDF :9.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.806+/-51.901 χ^2/NDF : 23.5/18

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 143.833+/-0.055 χ^2/NDF : 352845.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.109+/-0.049 χ^2/NDF : 369248.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

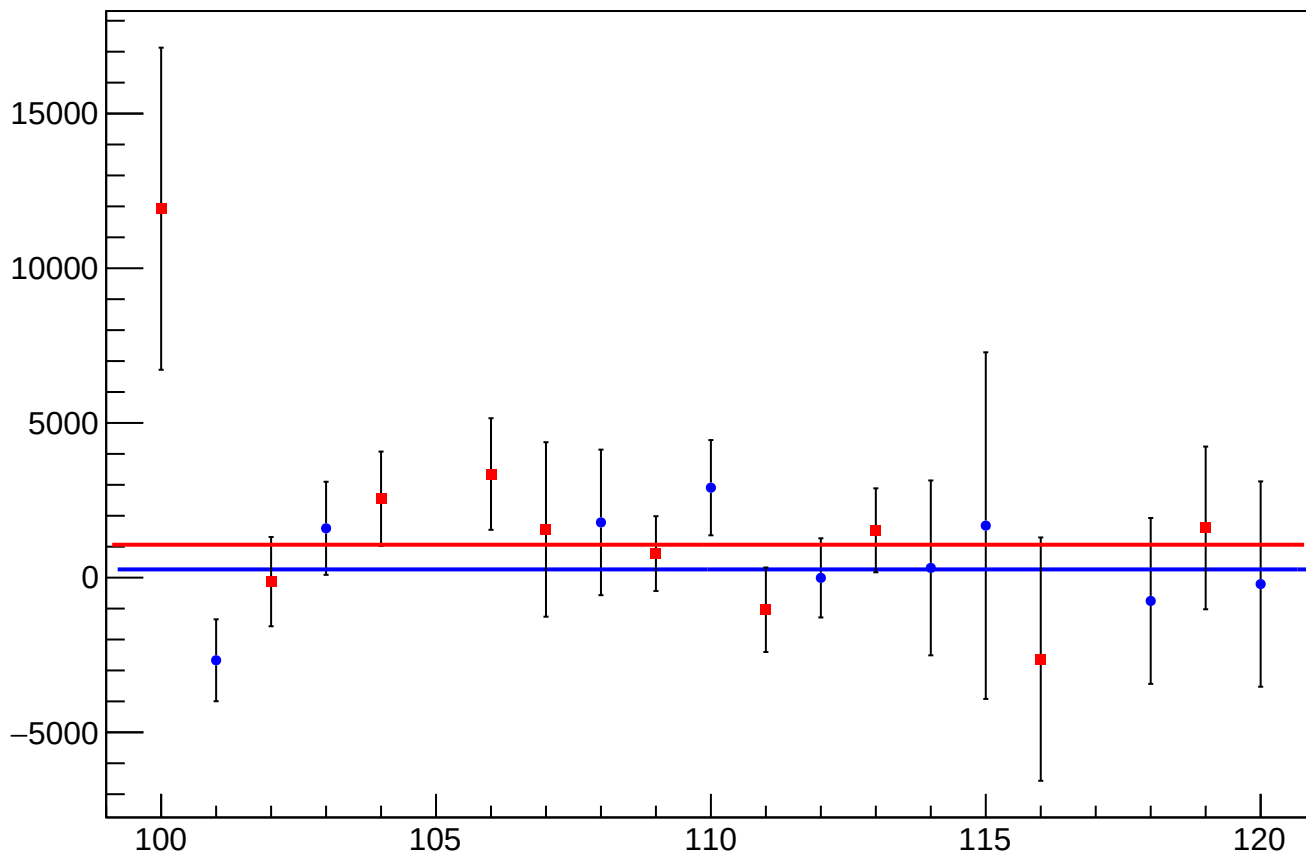
Right: 139.568+/-0.037 χ^2/NDF : 733047.0/18

In: 143.833+/-0.055 χ^2/NDF : 352845.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.568+/-0.037 χ^2/NDF : 733047.0/18

asym_sam_48_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 265.903 $\pm$ 618.569 χ^2 /NDF: 9.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1063.264 $\pm$ 546.132 χ^2 /NDF: 11.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

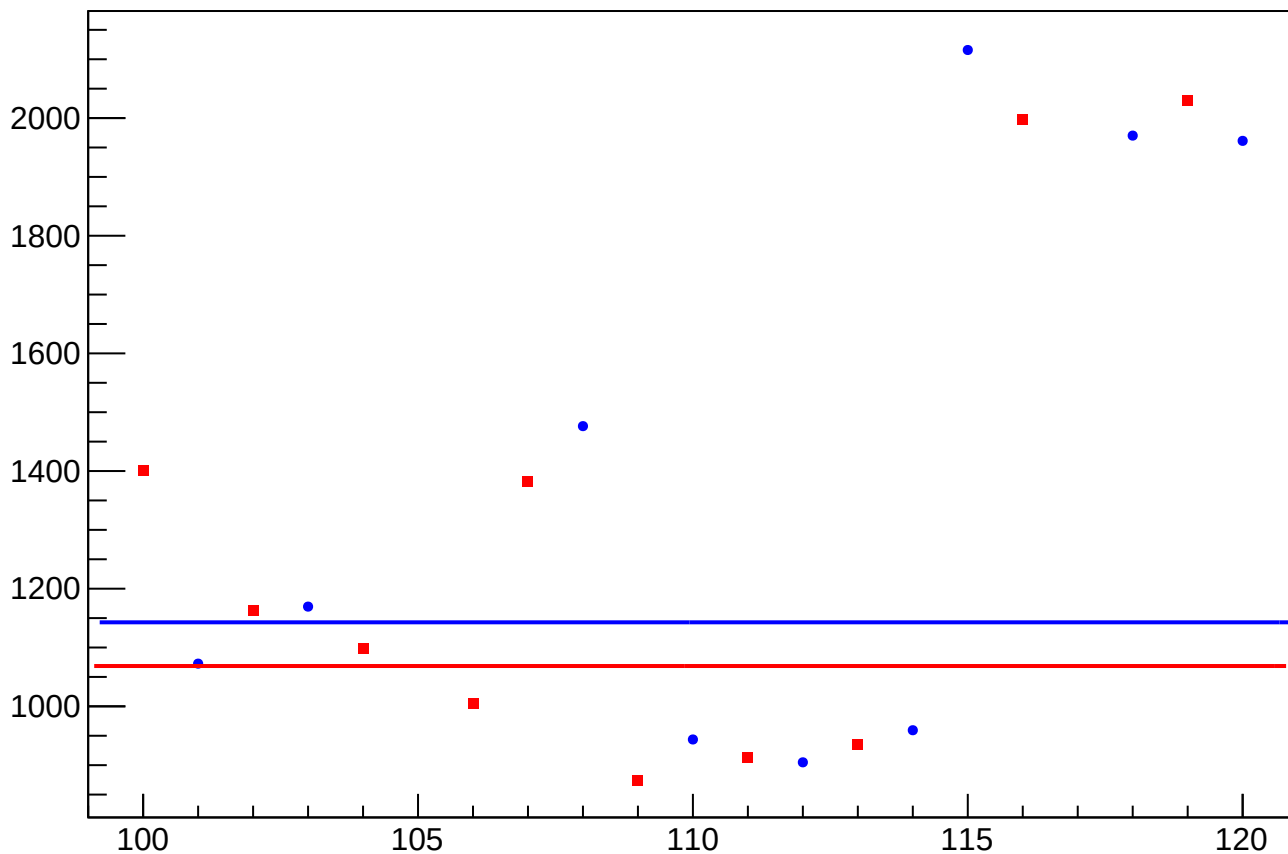
Right: 713.984 $\pm$ 409.400 χ^2 /NDF: 21.4/18

In: 265.903 $\pm$ 618.569 χ^2 /NDF:9.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 713.984 $\pm$ 409.400 χ^2 /NDF: 21.4/18

asym_sam_48_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1142.827+/-0.437 χ^2/NDF : 530034.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1068.545+/-0.386 χ^2/NDF : 520276.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

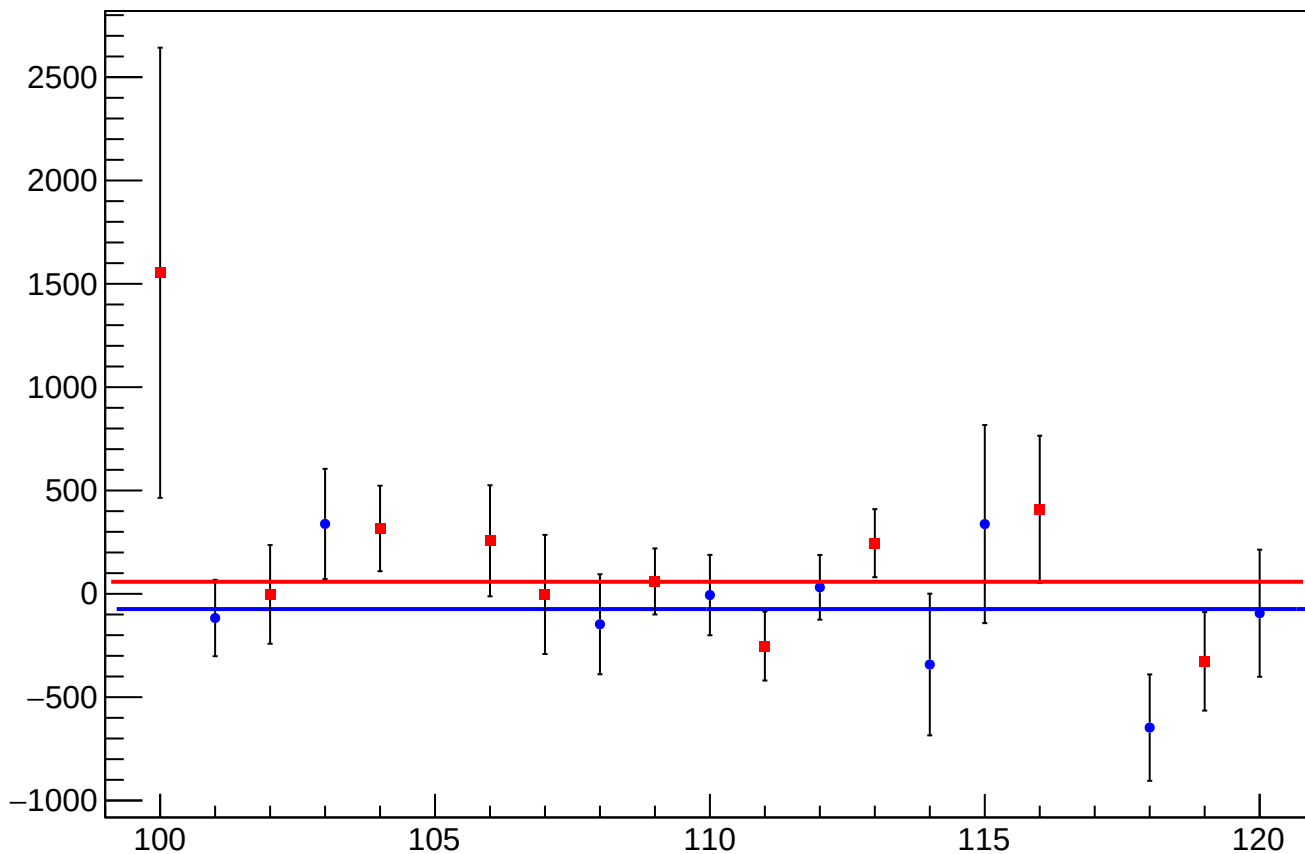
Right: 1101.084+/-0.289 χ^2/NDF : 1066519.6/18

In: 1142.827+/-0.437 χ^2/NDF : 530034.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1101.084+/-0.289 χ^2/NDF : 1066519.6/18

eigen_dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -73.724+/-77.558 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 58.327+/-69.844 χ^2/NDF : 12.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

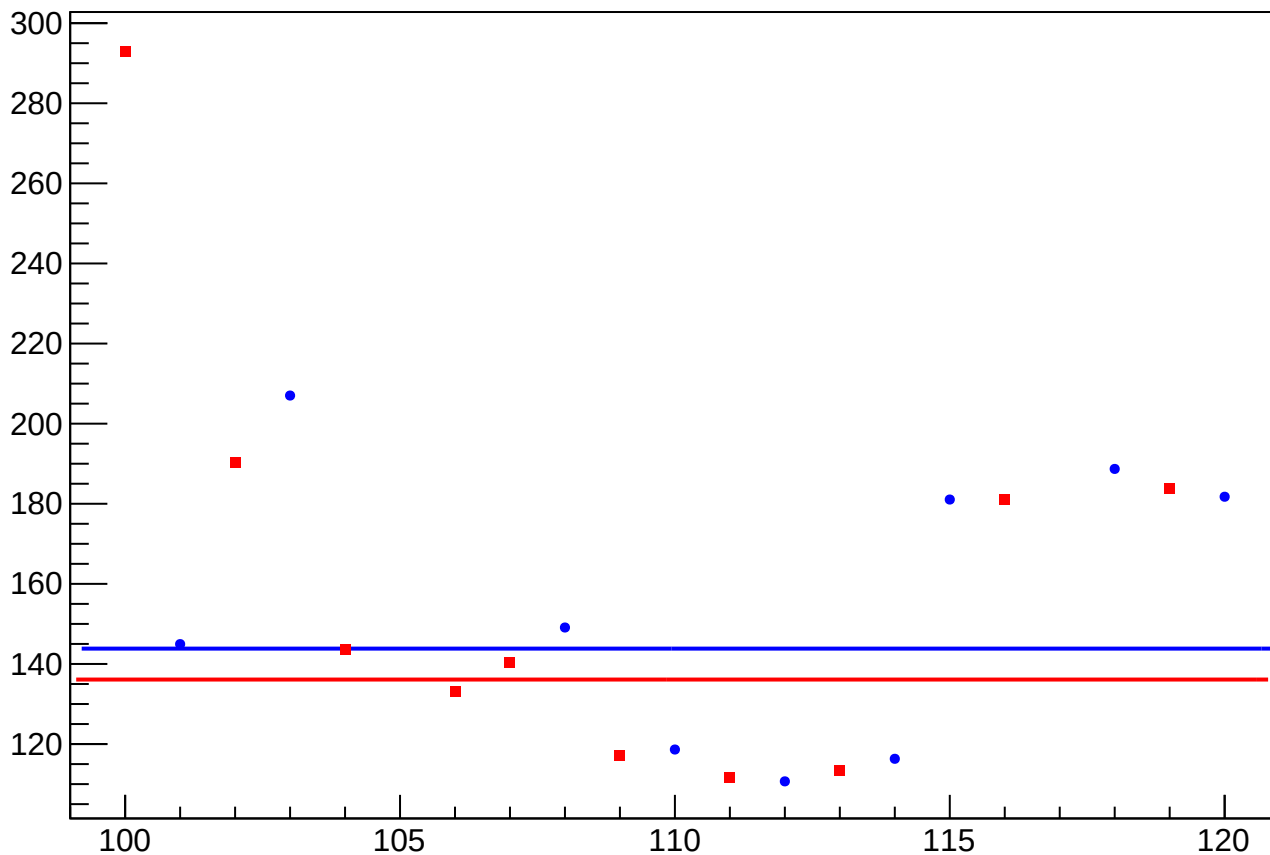
Right: -0.807+/-51.901 χ^2/NDF : 23.5/18

In: -73.724+/-77.558 χ^2/NDF :9.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.807+/-51.901 χ^2/NDF : 23.5/18

eigen_dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 143.833+/-0.055 χ^2/NDF : 352850.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.109+/-0.049 χ^2/NDF : 369251.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

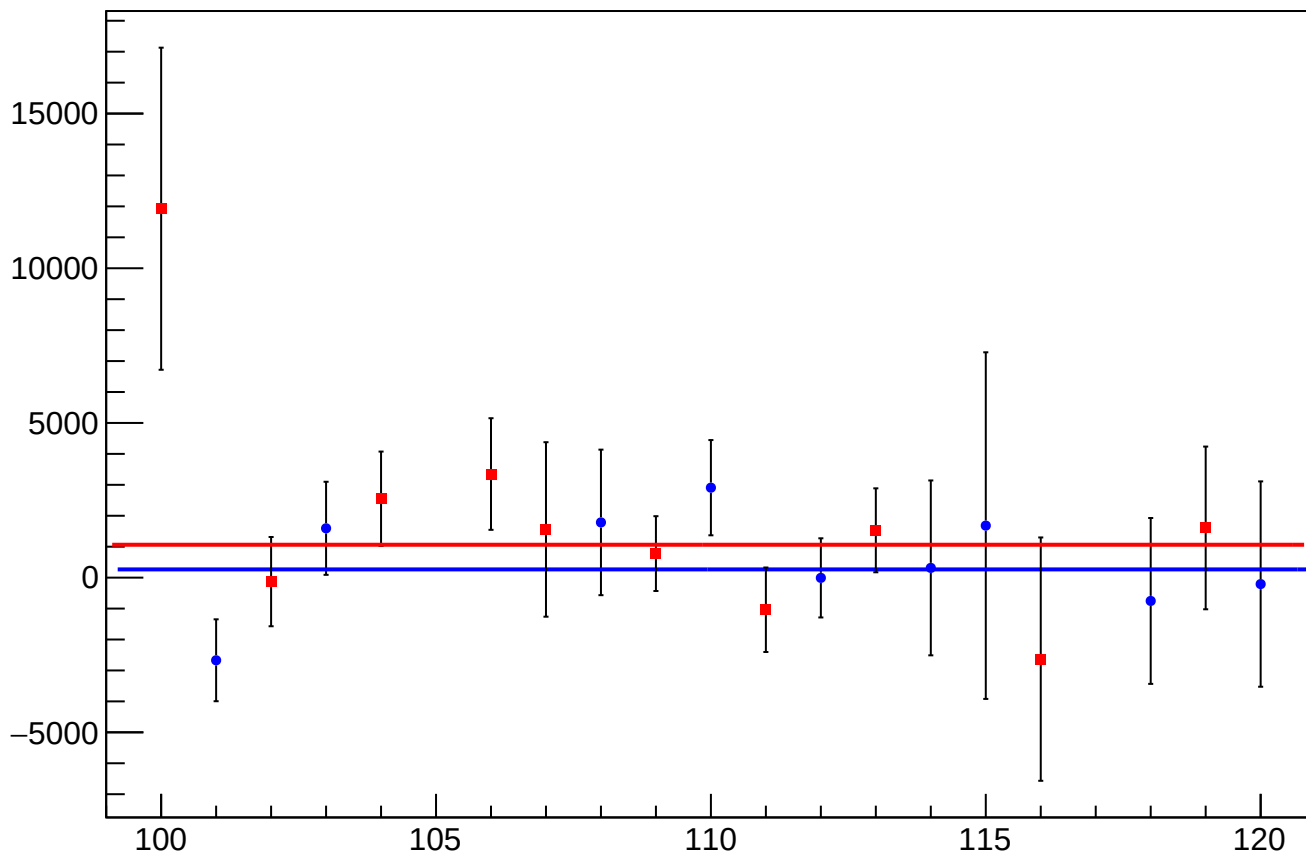
Right: 139.568+/-0.037 χ^2/NDF : 733054.8/18

In: 143.833+/-0.055 χ^2/NDF : 352850.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.568+/-0.037 χ^2/NDF : 733054.8/18

asym_sam_48_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 265.903+/-618.569 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1063.262+/-546.131 χ^2/NDF : 11.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

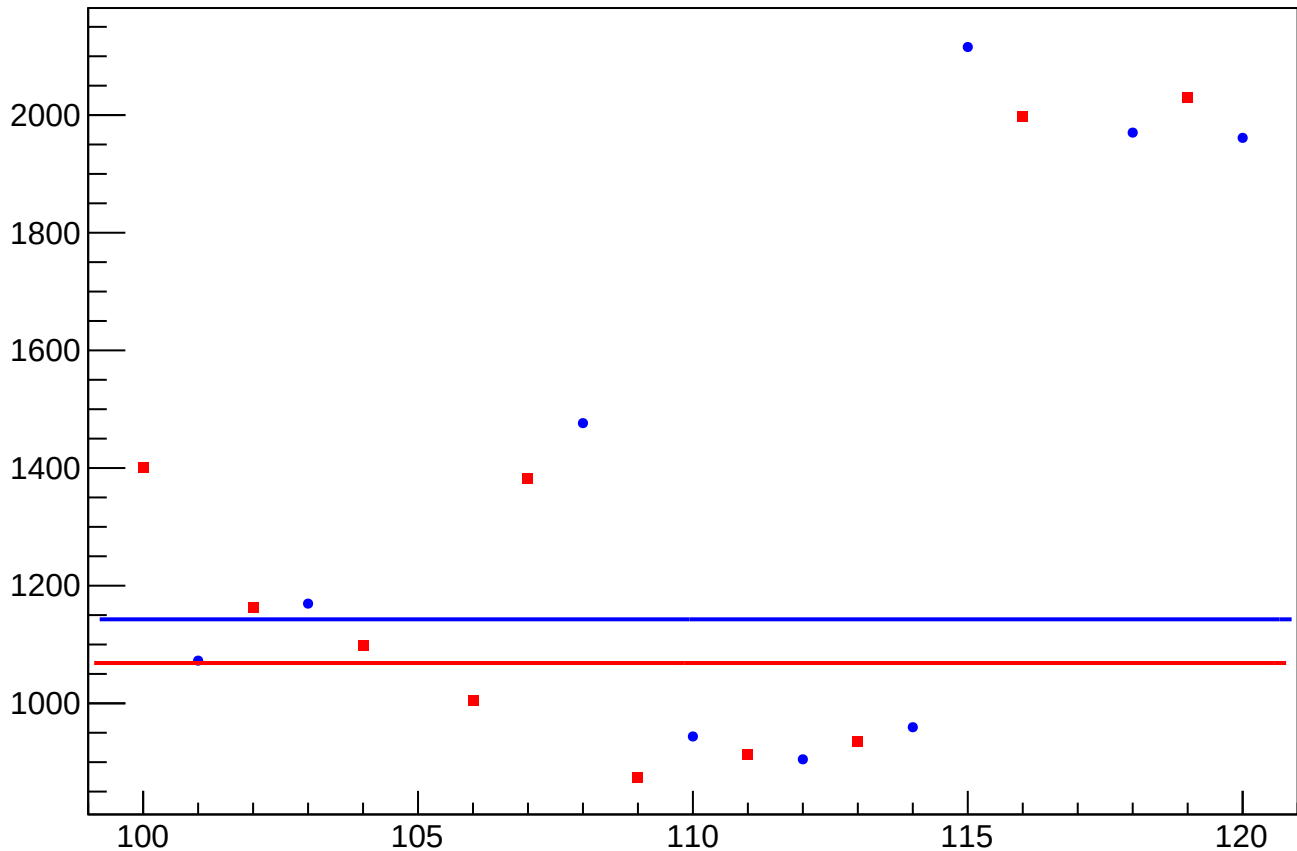
Right: 713.982+/-409.400 χ^2/NDF : 21.4/18

In: 265.903+/-618.569 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 713.982+/-409.400 χ^2/NDF : 21.4/18

asym_sam_48_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1142.826+/-0.437 χ^2/NDF : 530037.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1068.543+/-0.386 χ^2/NDF : 520279.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

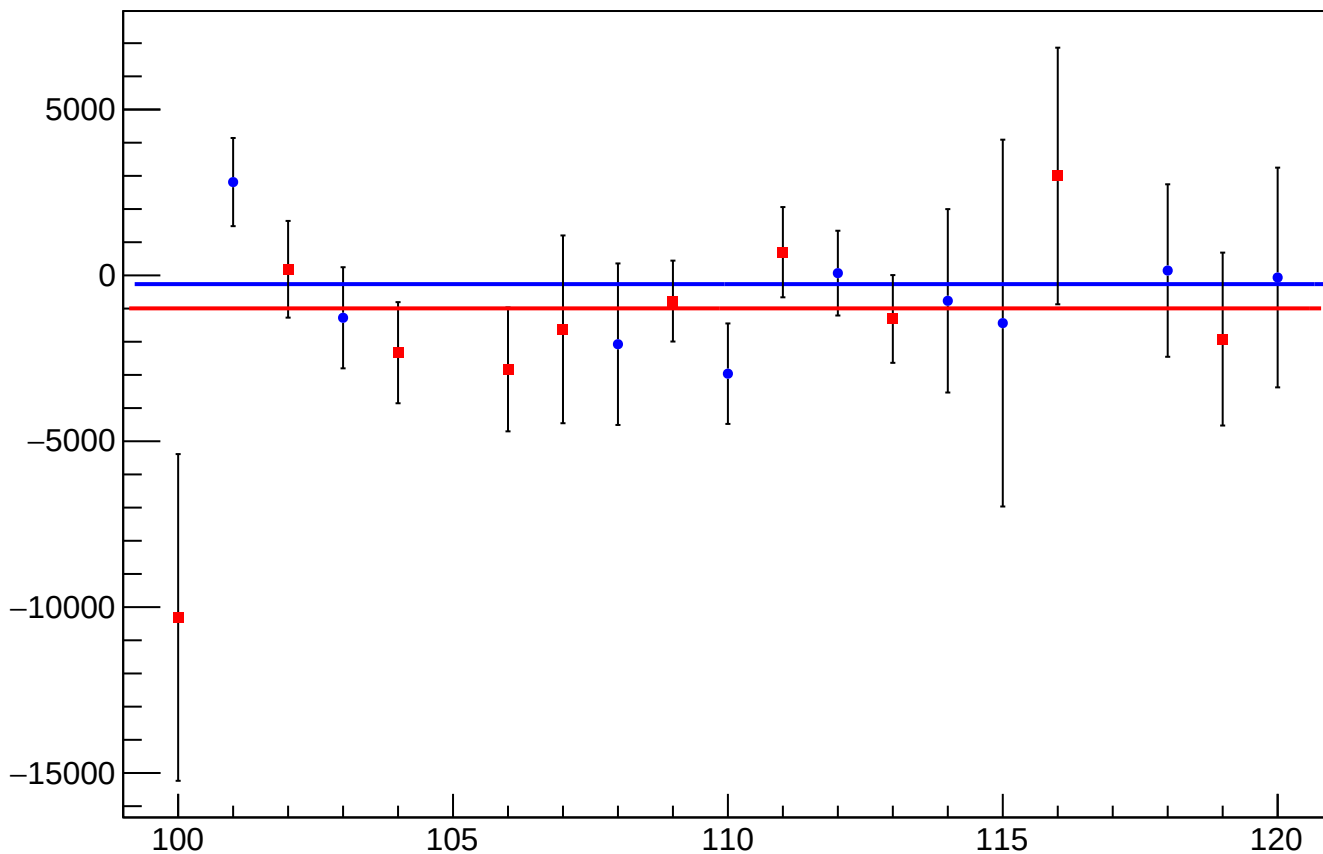
Right: 1101.083+/-0.289 χ^2/NDF : 1066524.5/18

In: 1142.826+/-0.437 χ^2/NDF : 530037.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1101.083+/-0.289 χ^2/NDF : 1066524.5/18

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -263.173+/-618.191 χ^2 /NDF: 9.7/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -994.282+/-546.133 χ^2 /NDF: 8.9/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

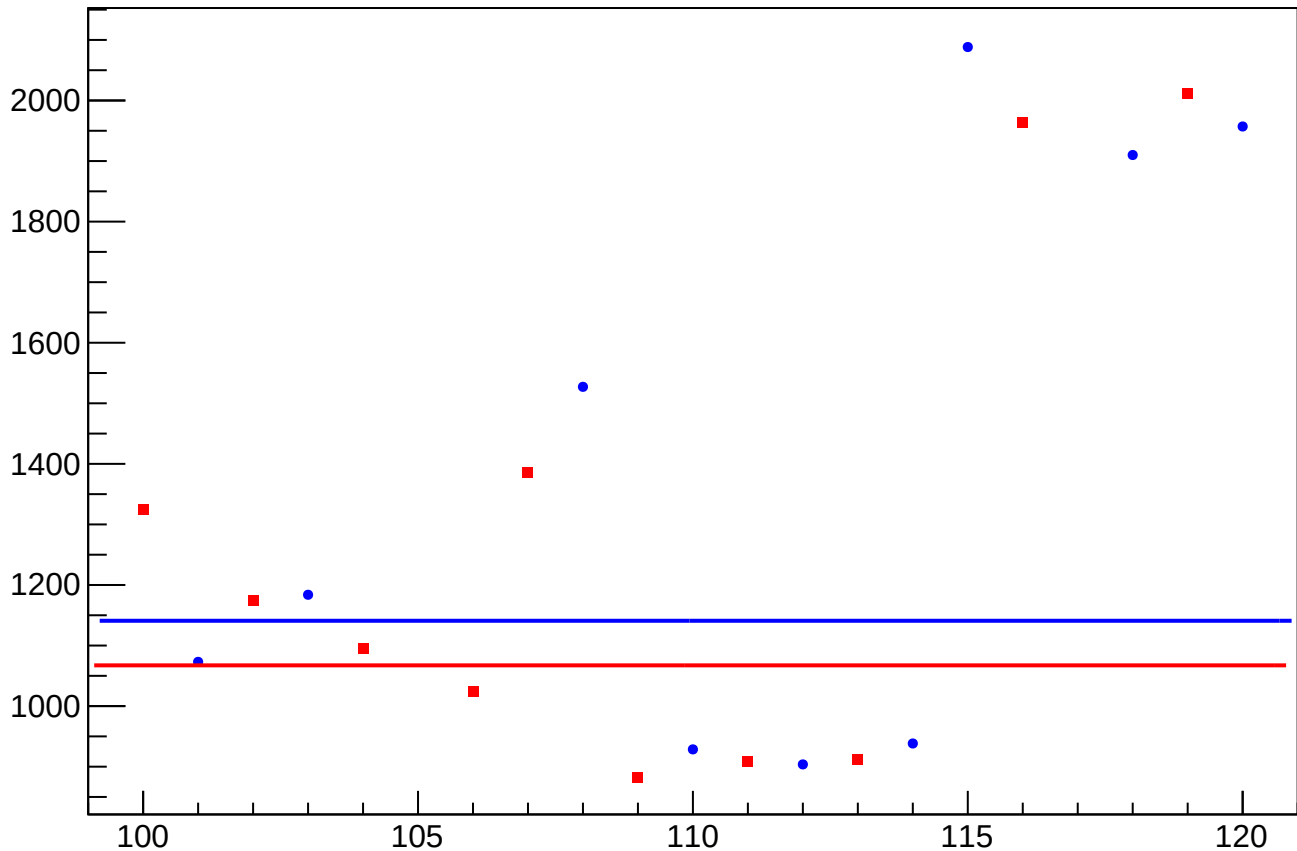
Right: -673.802+/-409.291 χ^2 /NDF: 19.3/18

In: -263.173+/-618.191 χ^2 /NDF:9.7/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -673.802+/-409.291 χ^2 /NDF: 19.3/18

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1140.917+/-0.437 χ^2/NDF : 531286.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1067.300+/-0.386 χ^2/NDF : 514039.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

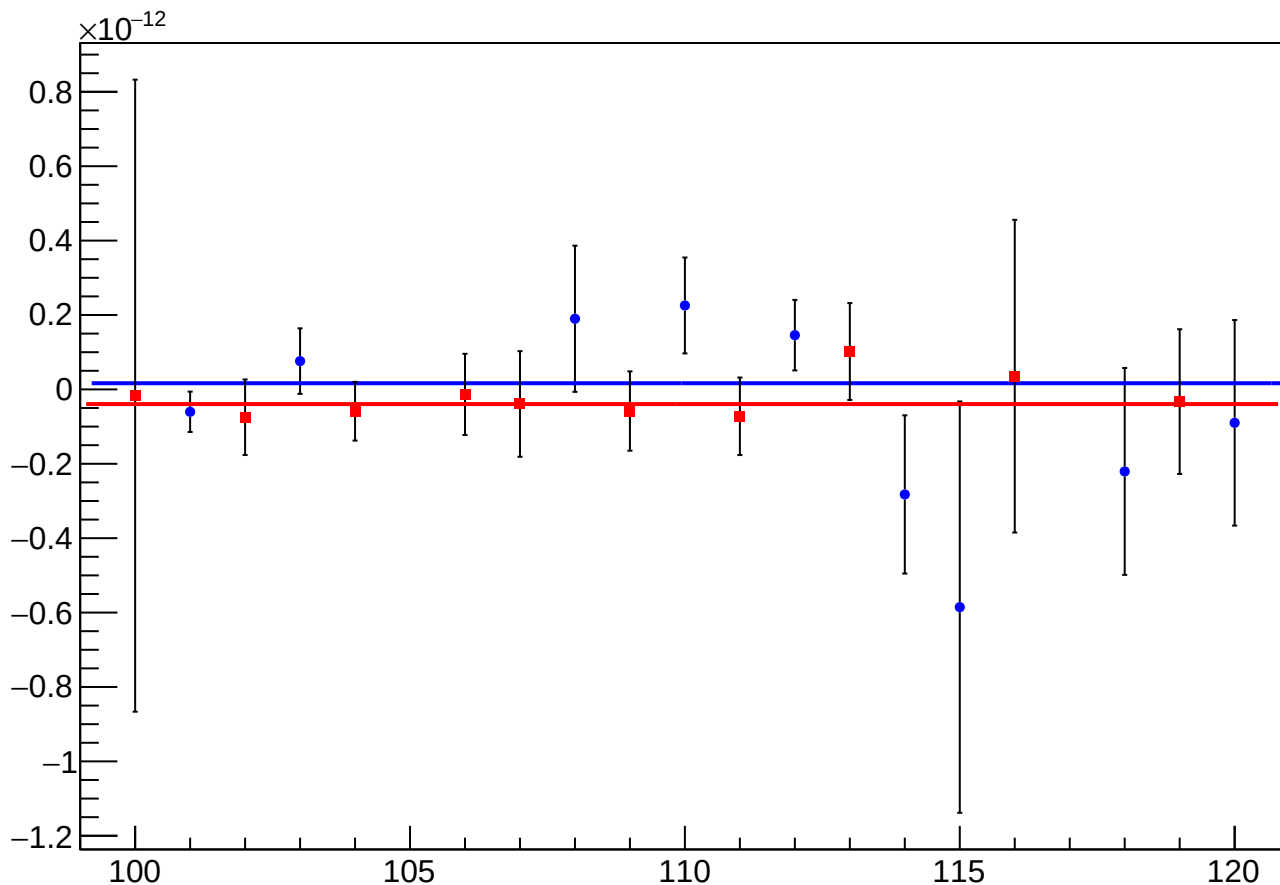
Right: 1099.570+/-0.289 χ^2/NDF : 1061256.0/18

In: 1140.917+/-0.437 χ^2/NDF : 531286.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1099.570+/-0.289 χ^2/NDF : 1061256.0/18

asym_sam_48_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 11.8/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 1.6/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

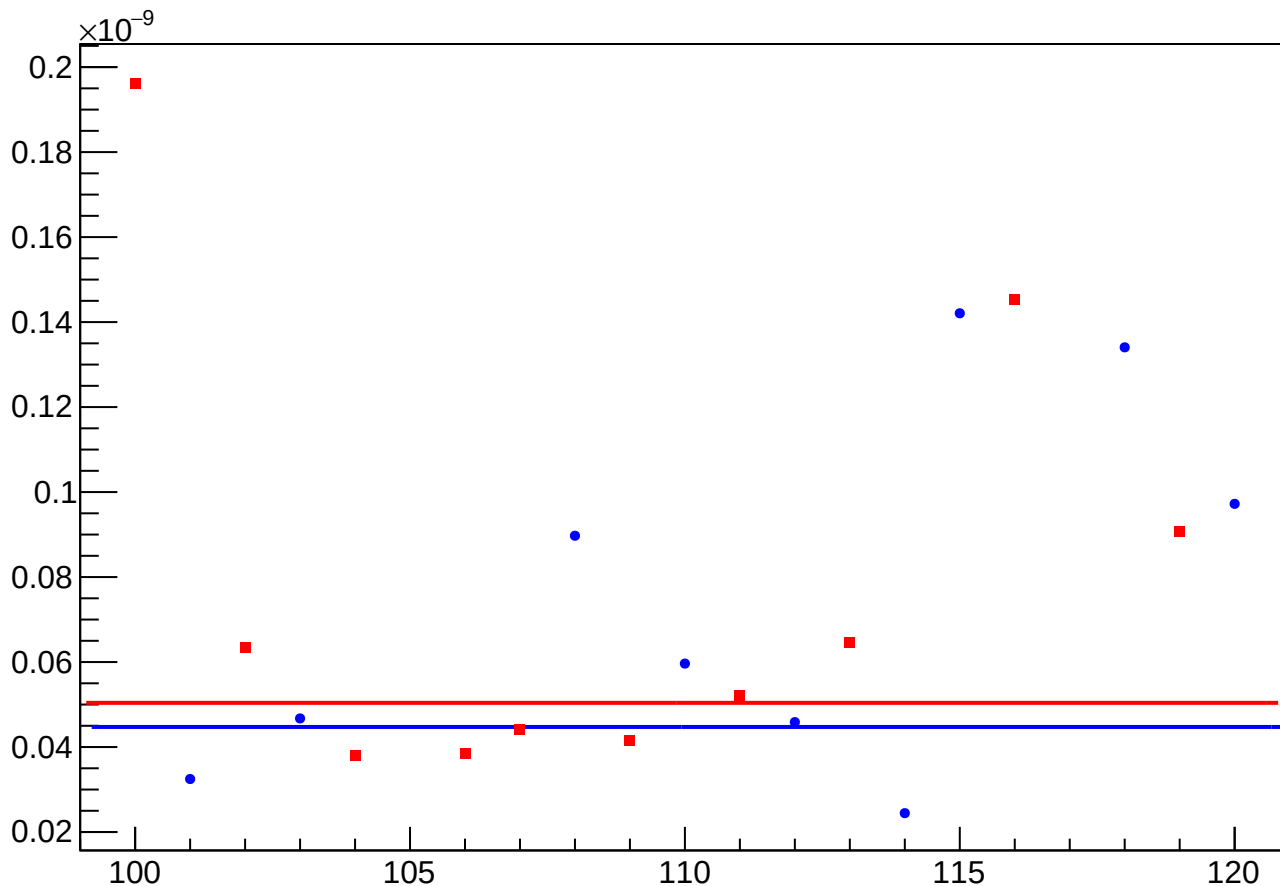
Right: -0.000 ± 0.000 χ^2/NDF : 14.4/18

In: 0.000 ± 0.000 χ^2/NDF : 11.8/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 14.4/18

asym_sam_48_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 593688.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 394607.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

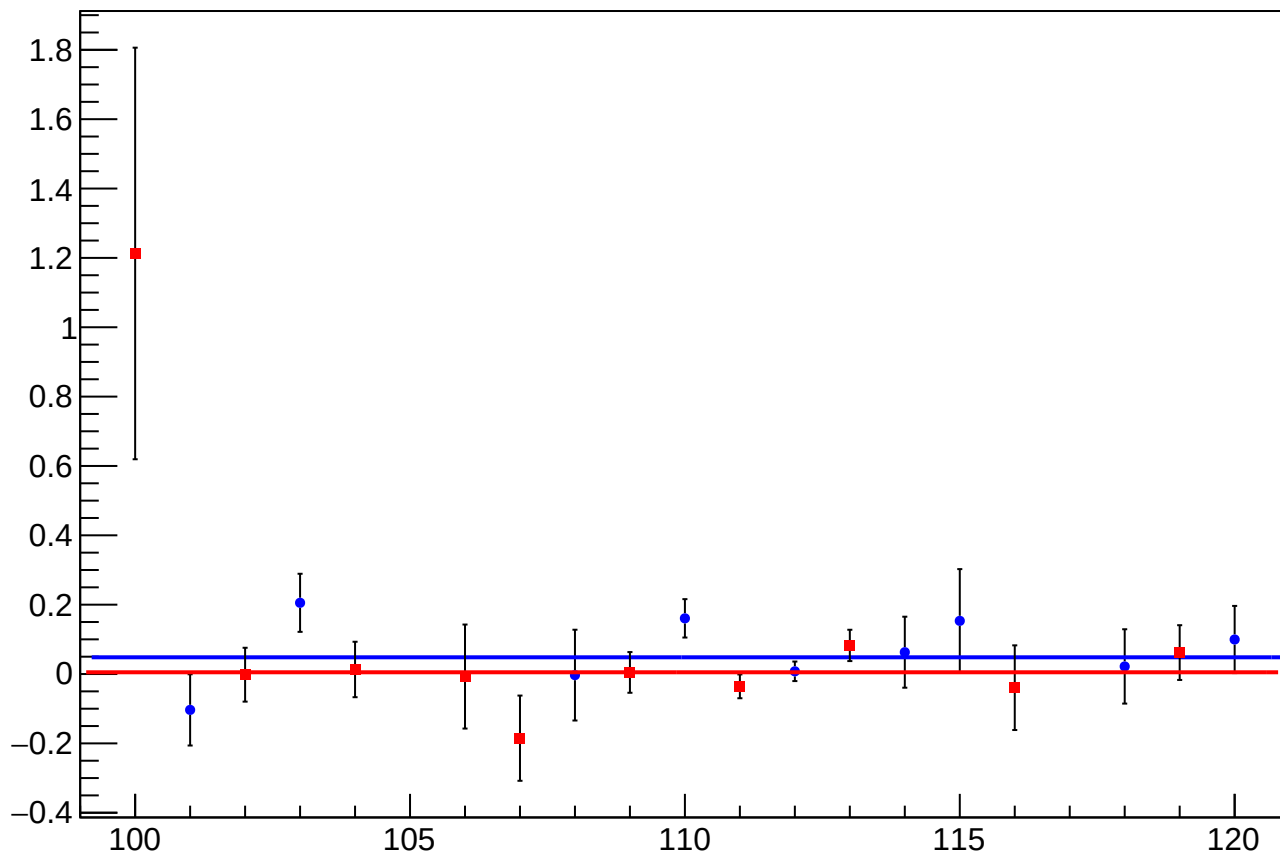
Right: 0.000+/-0.000 χ^2/NDF : 1010497.6/18

In: 0.000+/-0.000 χ^2/NDF : 593688.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1010497.6/18

asym_sam_48_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.048 $\pm$ 0.021 χ^2 /NDF: 12.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.021 χ^2 /NDF: 11.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

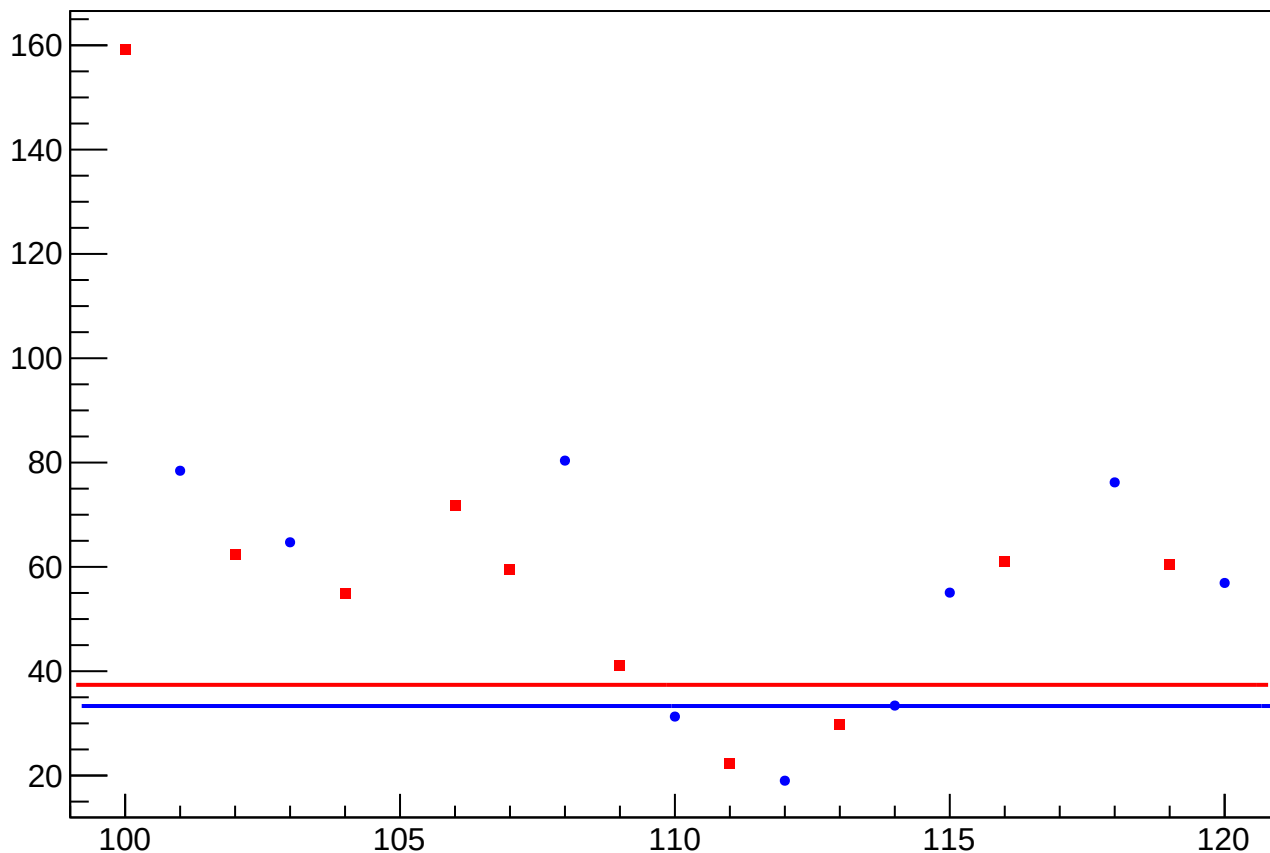
Right: 0.026 $\pm$ 0.015 χ^2 /NDF: 26.5/18

In: 0.048 $\pm$ 0.021 χ^2 /NDF:12.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.026 $\pm$ 0.015 χ^2 /NDF: 26.5/18

asym_sam_48_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.327+/-0.015 χ^2/NDF : 1926145.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.385+/-0.015 χ^2/NDF : 1256999.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

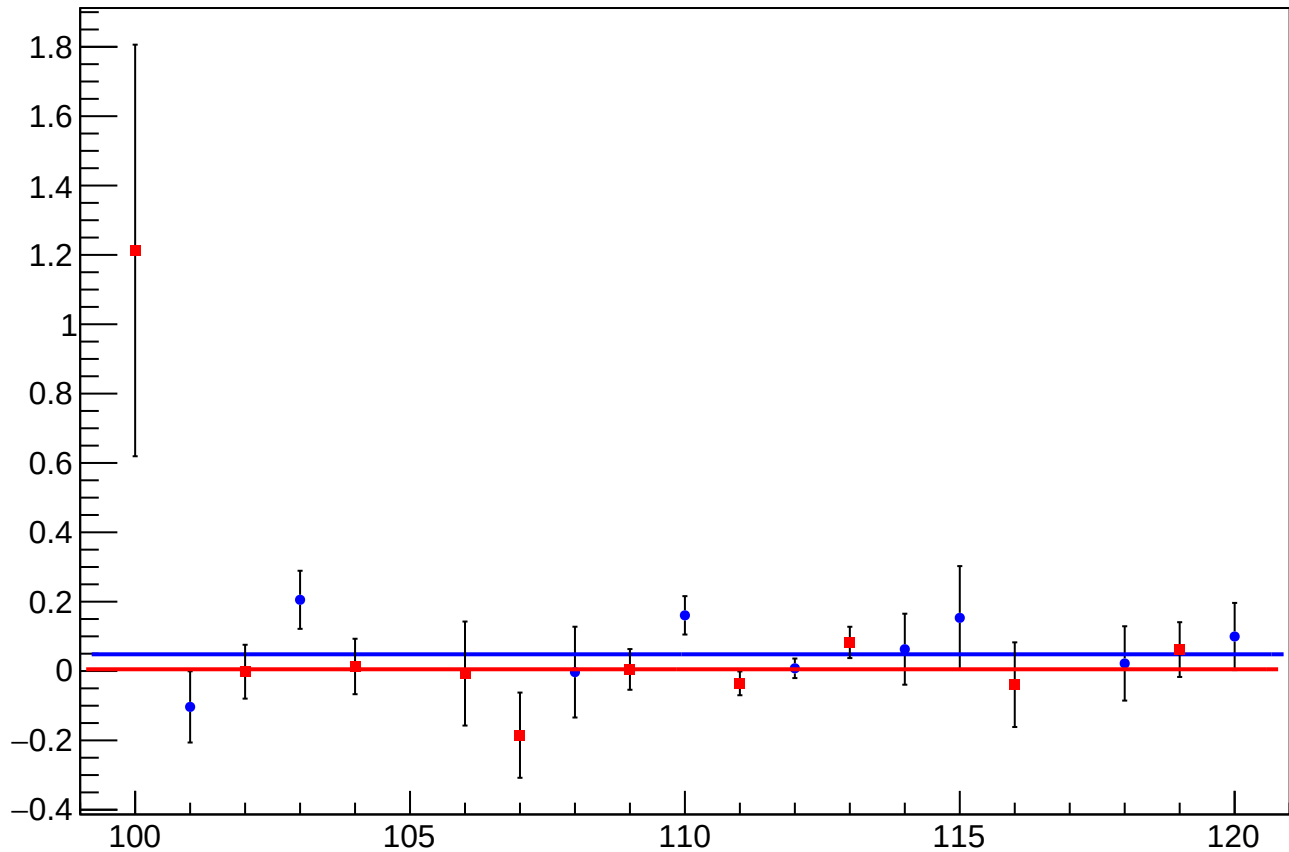
Right: 35.390+/-0.011 χ^2/NDF : 3220267.5/18

In: 33.327+/-0.015 χ^2/NDF : 1926145.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.390+/-0.011 χ^2/NDF : 3220267.5/18

asym_sam_48_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.048 $\pm$ 0.021 χ^2 /NDF: 12.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.021 χ^2 /NDF: 11.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

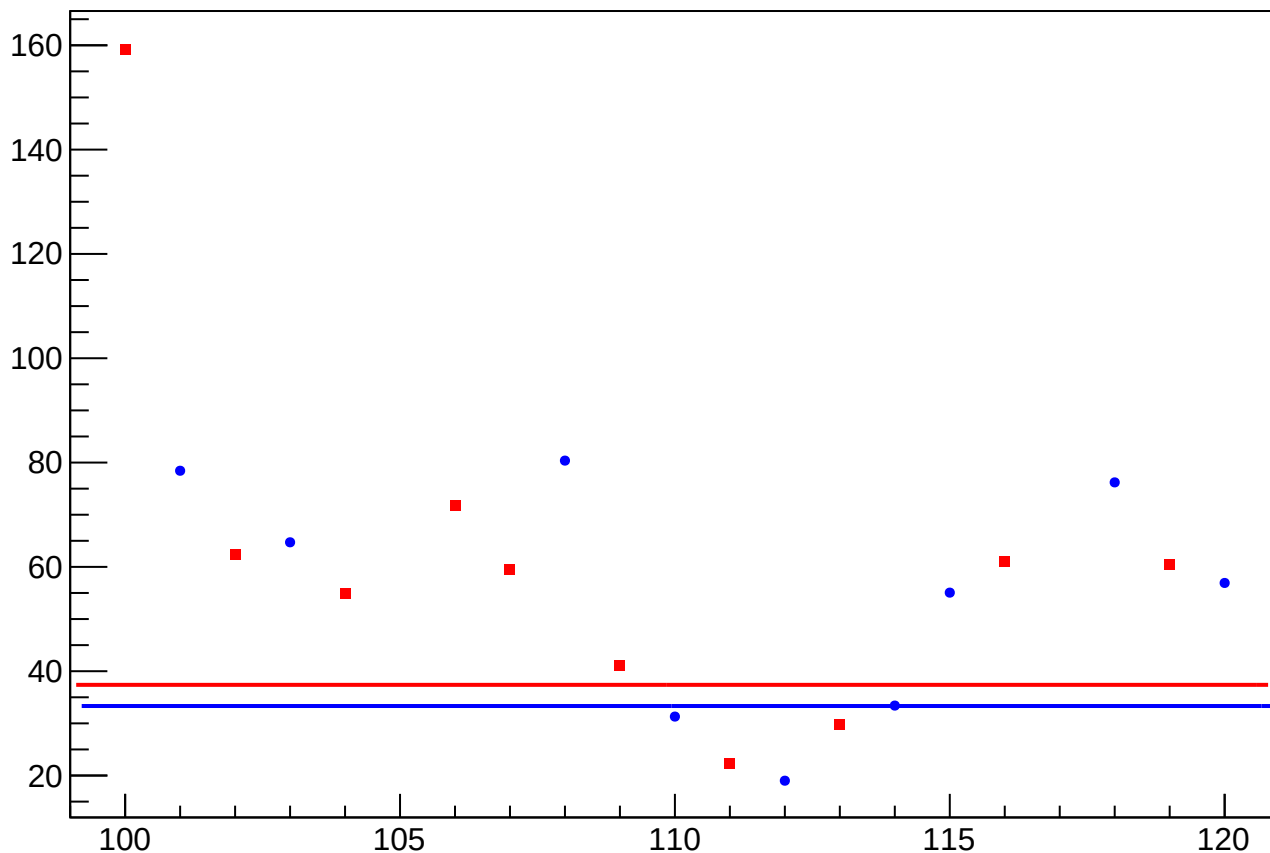
Right: 0.026 $\pm$ 0.015 χ^2 /NDF: 26.5/18

In: 0.048 $\pm$ 0.021 χ^2 /NDF:12.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.026 $\pm$ 0.015 χ^2 /NDF: 26.5/18

asym_sam_48_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.327+/-0.015 χ^2/NDF : 1926145.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.385+/-0.015 χ^2/NDF : 1256999.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

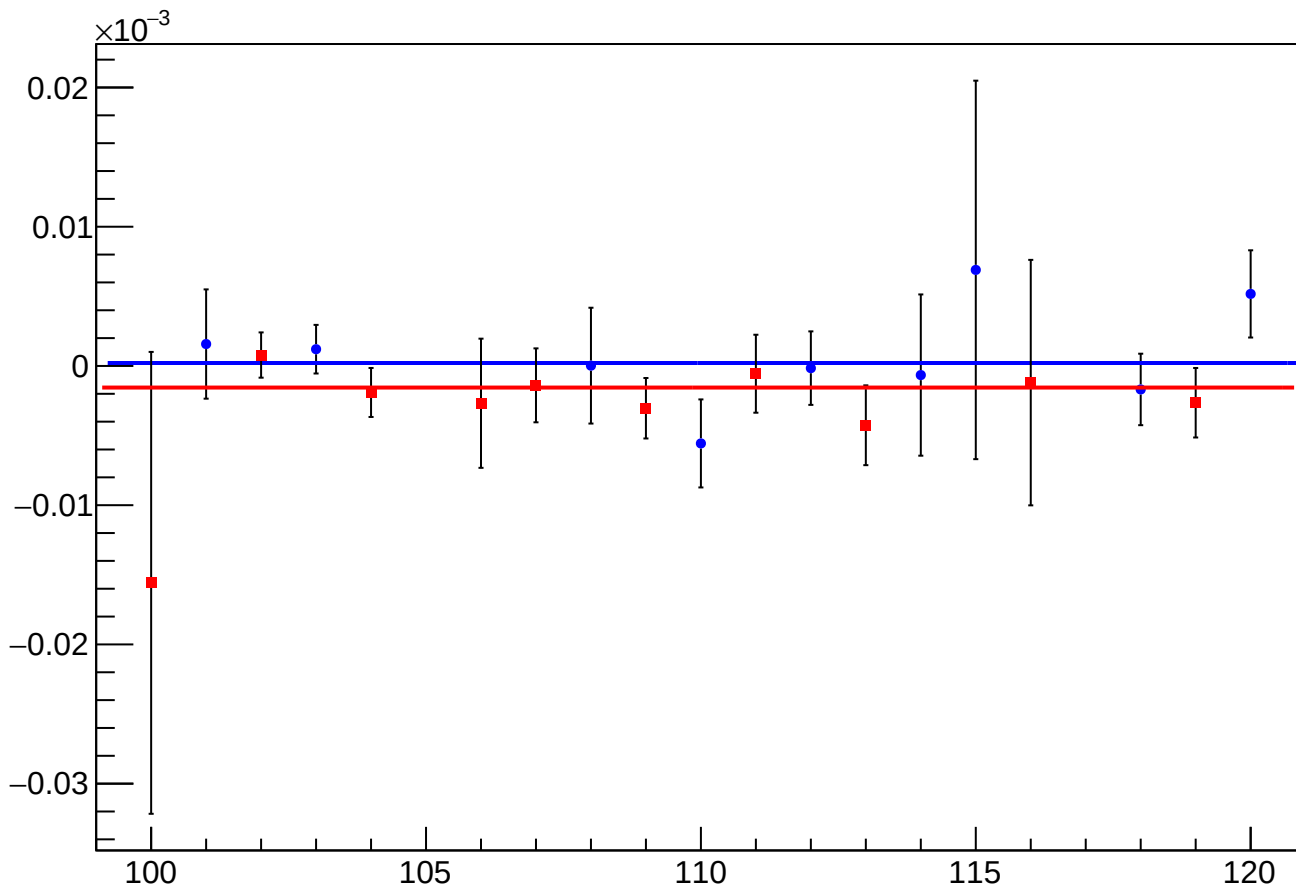
Right: 35.390+/-0.011 χ^2/NDF : 3220267.5/18

In: 33.327+/-0.015 χ^2/NDF : 1926145.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.390+/-0.011 χ^2/NDF : 3220267.5/18

asym_sam_48_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

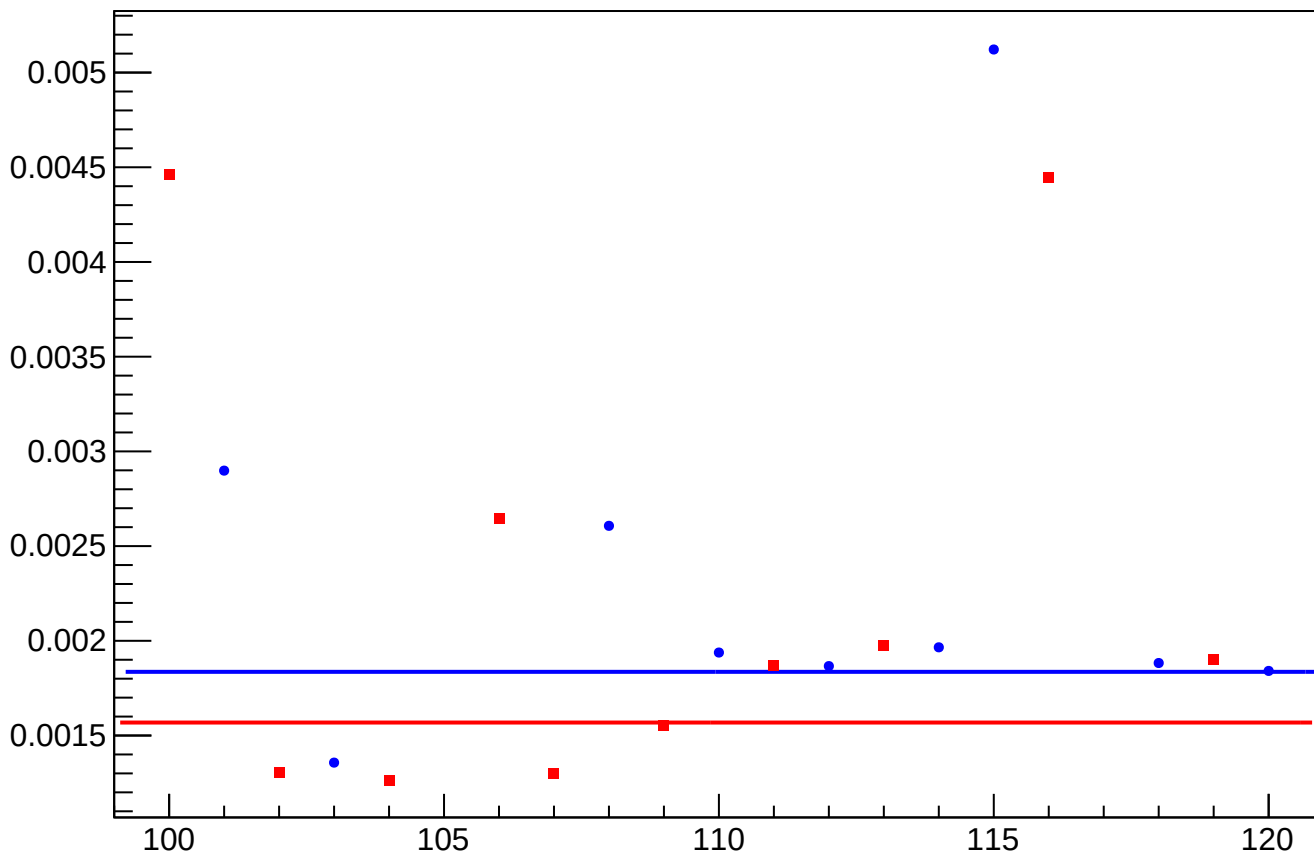
Right: -0.000+/-0.000 χ^2/NDF : 13.5/18

In: 0.000+/-0.000 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.5/18

asym_sam_48_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 486851.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 613711.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

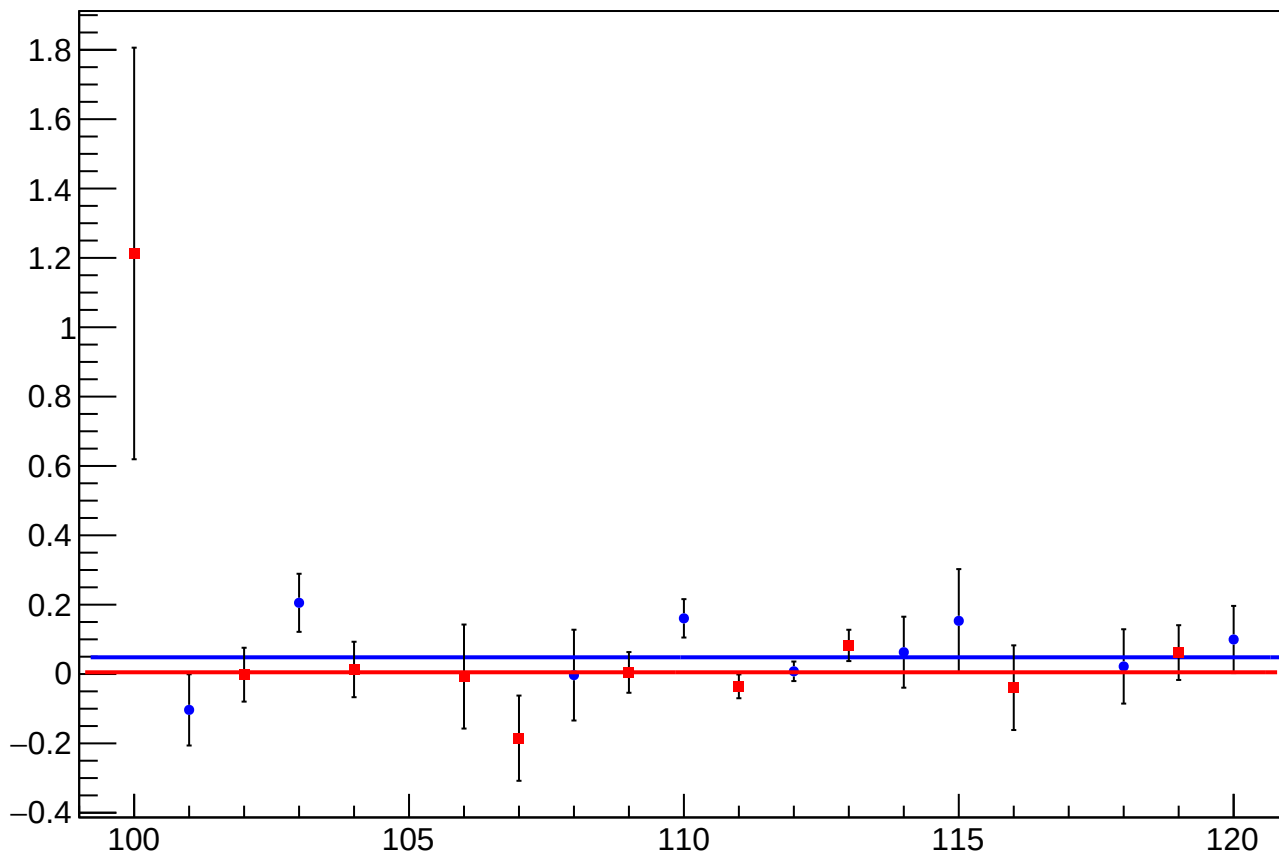
Right: 0.002+/-0.000 χ^2/NDF : 1186303.1/18

In: 0.002+/-0.000 χ^2/NDF : 486851.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1186303.1/18

asym_sam_48_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.048 $\pm$ 0.021 χ^2 /NDF: 12.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.021 χ^2 /NDF: 11.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

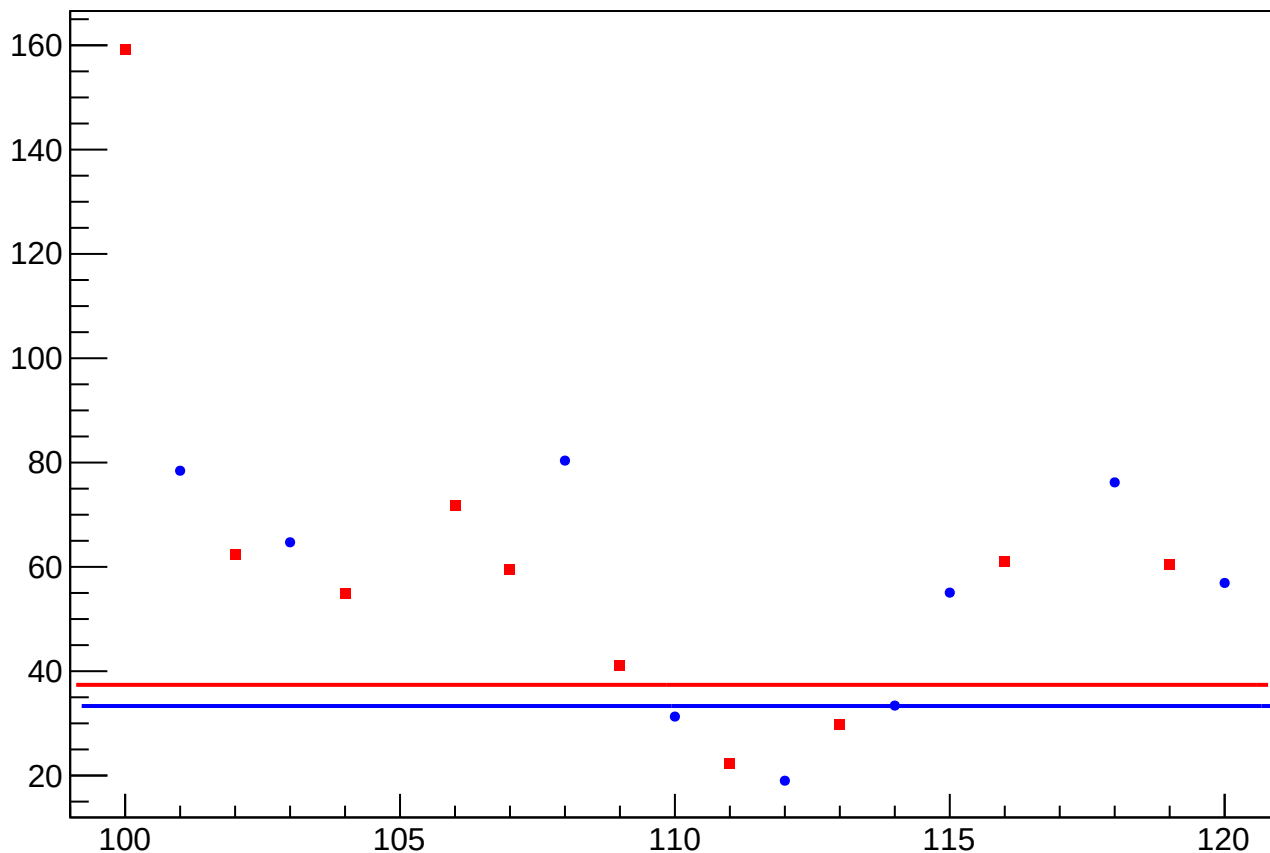
Right: 0.026 $\pm$ 0.015 χ^2 /NDF: 26.5/18

In: 0.048 $\pm$ 0.021 χ^2 /NDF:12.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.026 $\pm$ 0.015 χ^2 /NDF: 26.5/18

asym_sam_48_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.326+/-0.015 χ^2/NDF : 1926244.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.384+/-0.015 χ^2/NDF : 1257099.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

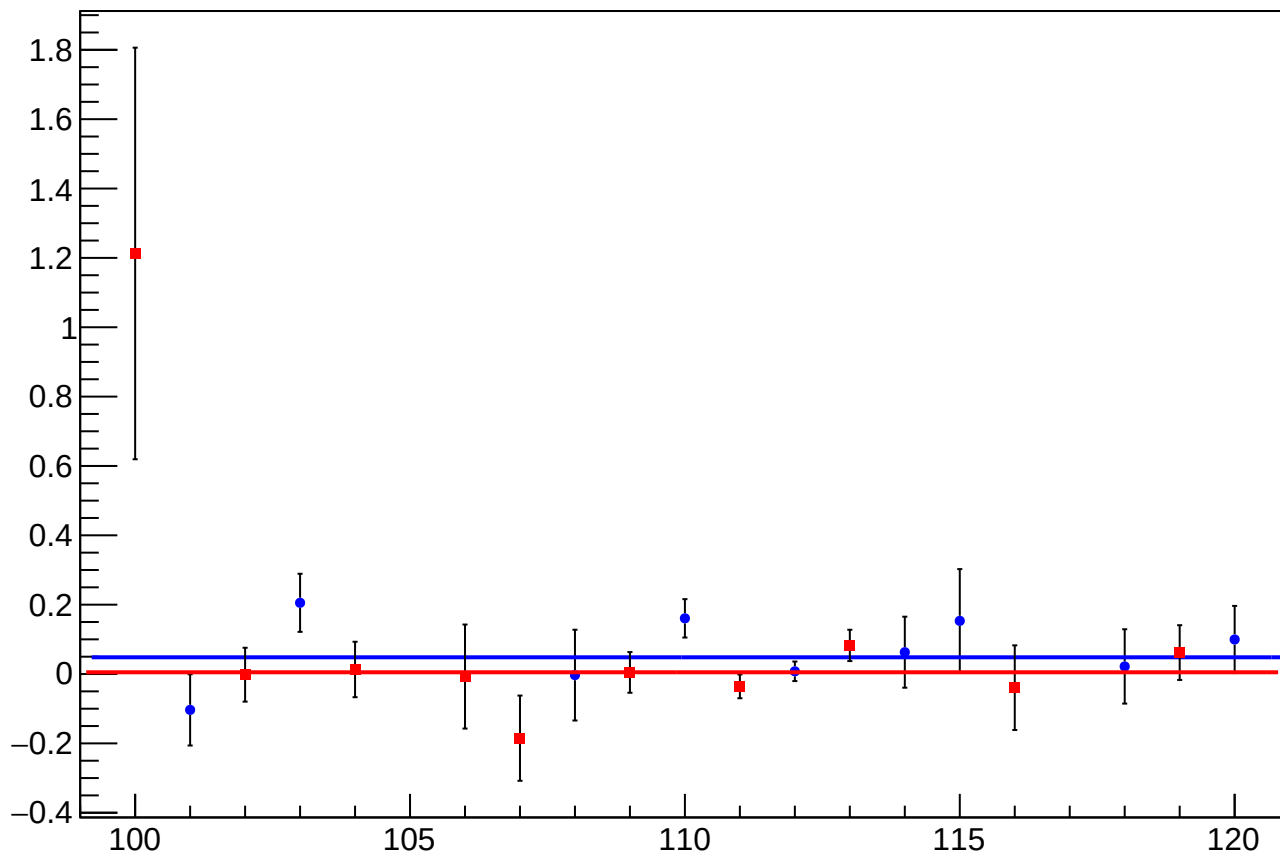
Right: 35.389+/-0.011 χ^2/NDF : 3220466.6/18

In: 33.326+/-0.015 χ^2/NDF : 1926244.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.389+/-0.011 χ^2/NDF : 3220466.6/18

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.048+/-0.021 χ^2/NDF : 12.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.021 χ^2/NDF : 11.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

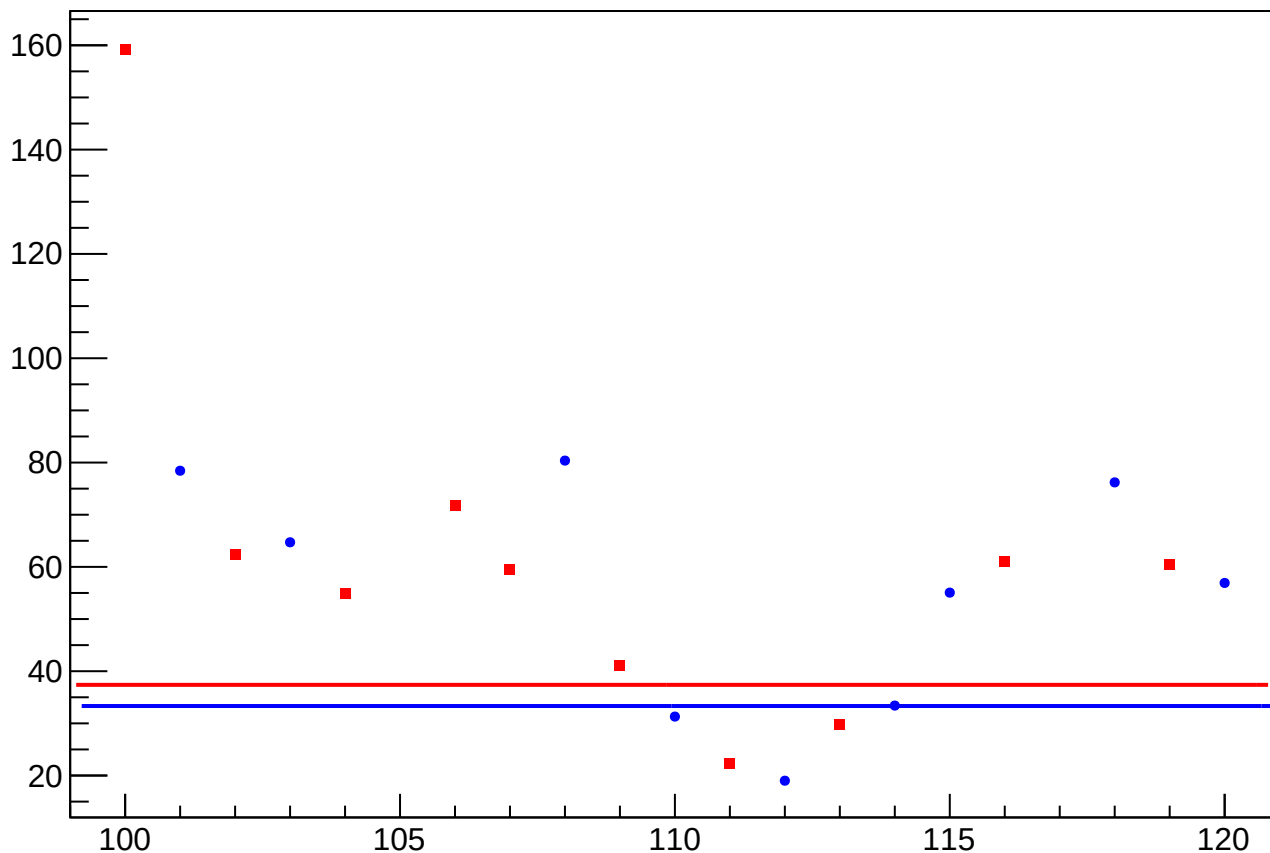
Right: 0.026+/-0.015 χ^2/NDF : 26.5/18

In: 0.048+/-0.021 χ^2/NDF : 12.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.026+/-0.015 χ^2/NDF : 26.5/18

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.326+/-0.015 χ^2/NDF : 1926244.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.384+/-0.015 χ^2/NDF : 1257099.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

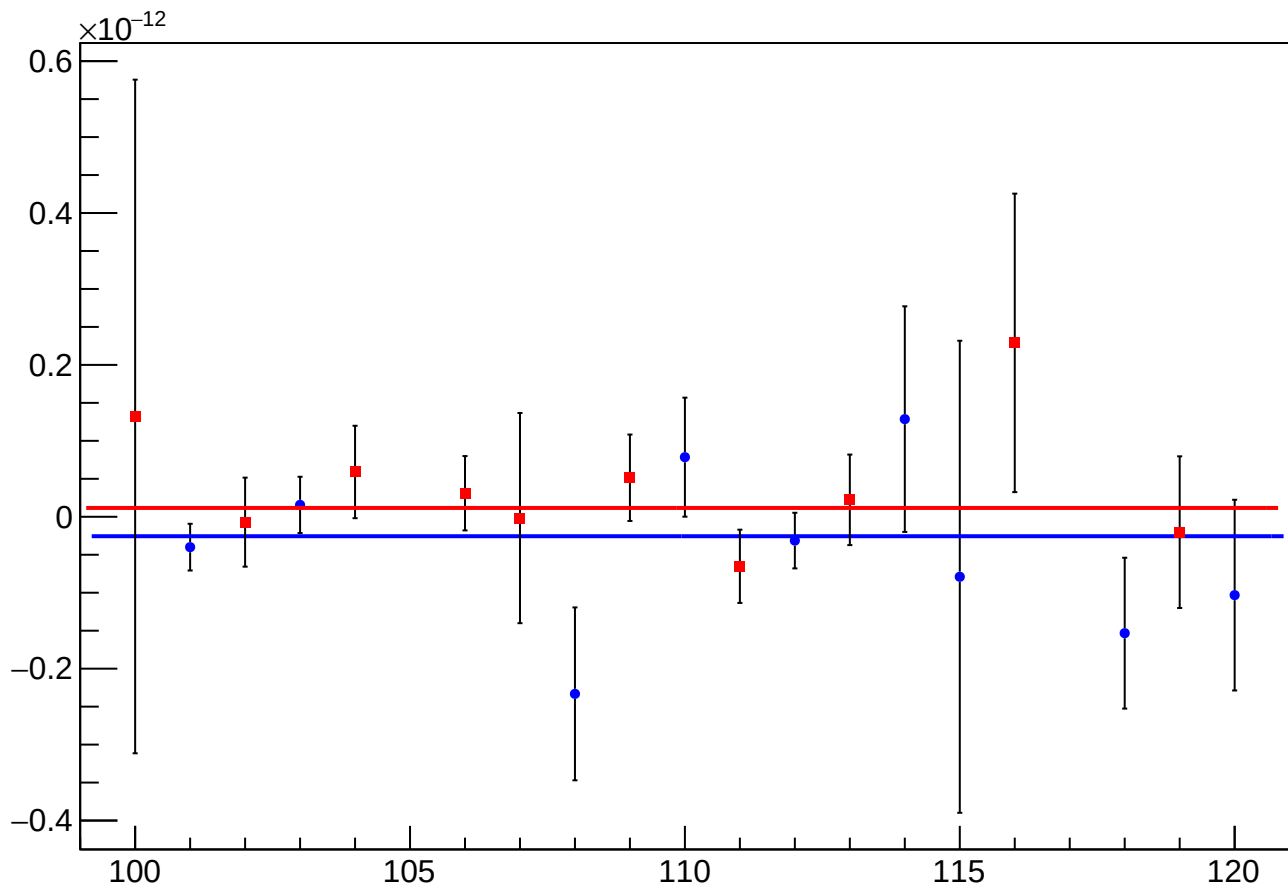
Right: 35.389+/-0.011 χ^2/NDF : 3220466.6/18

In: 33.326+/-0.015 χ^2/NDF : 1926244.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.389+/-0.011 χ^2/NDF : 3220466.6/18

asym_sam_48_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

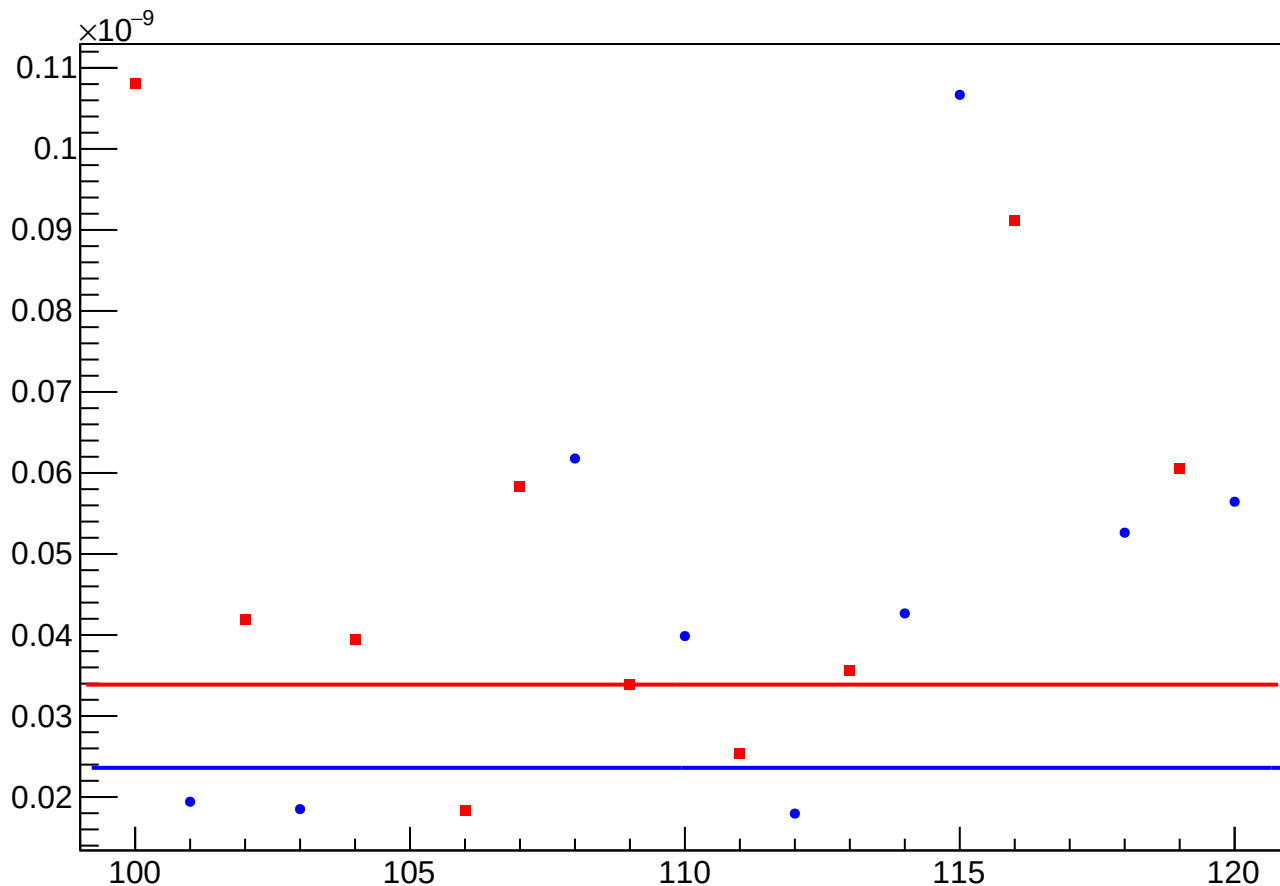
Right: -0.000+/-0.000 χ^2/NDF : 16.8/18

In: -0.000+/-0.000 χ^2/NDF : 9.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.8/18

asym_sam_48_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 917040.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 751474.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

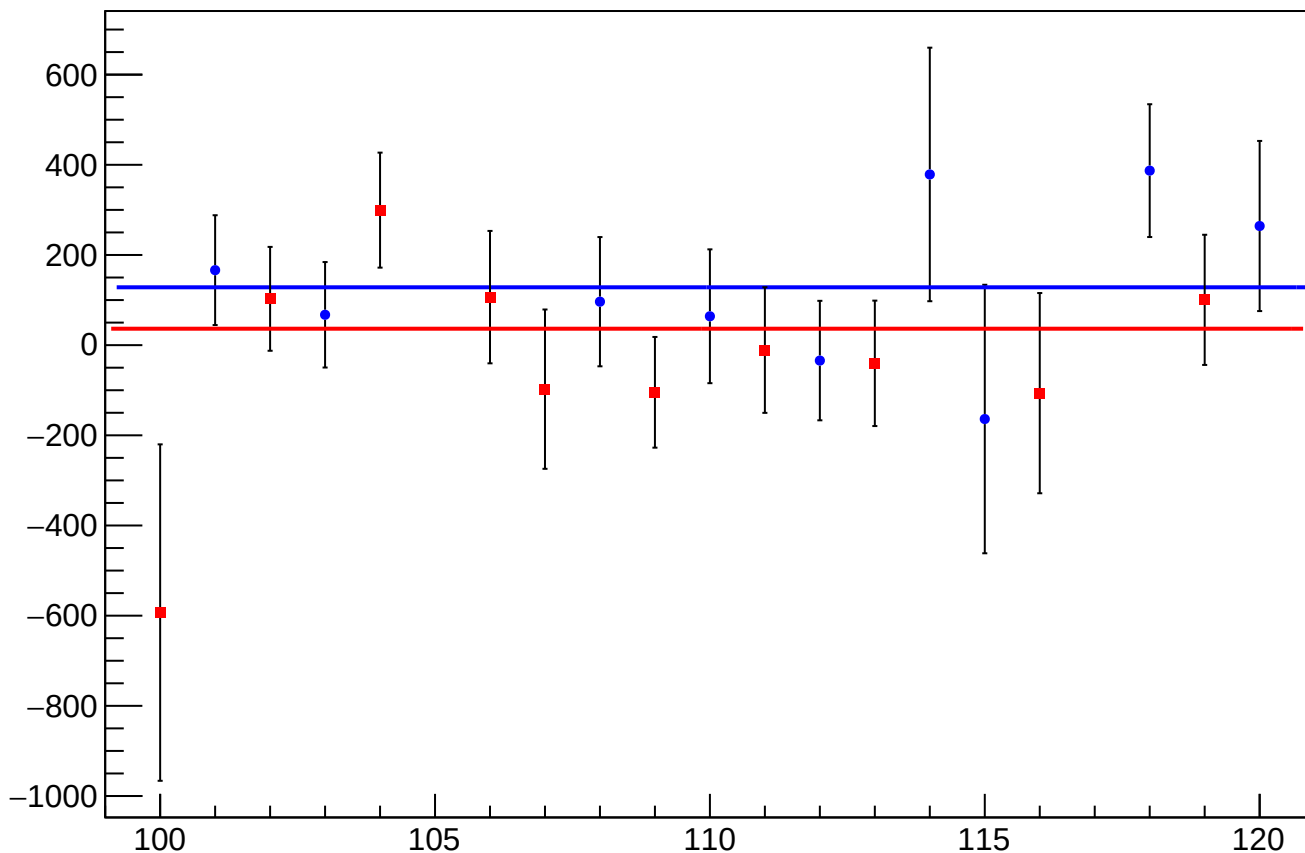
Right: 0.000+/-0.000 χ^2/NDF : 1934731.9/18

In: 0.000+/-0.000 χ^2/NDF : 917040.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1934731.9/18

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 128.317 $\pm$ 50.659 χ^2 /NDF: 7.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 36.464 $\pm$ 46.613 χ^2 /NDF: 10.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

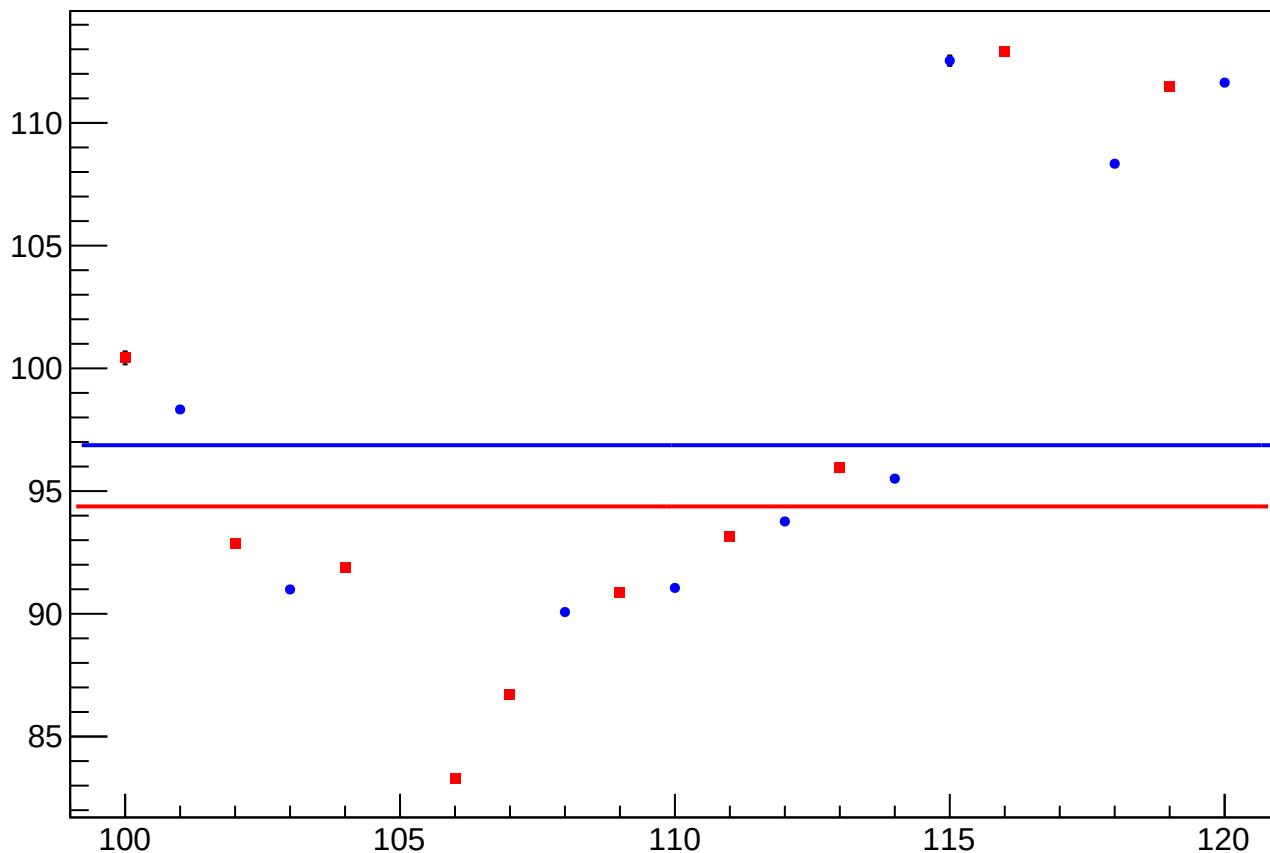
Right: 78.577 $\pm$ 34.302 χ^2 /NDF: 19.8/18

In: 128.317 $\pm$ 50.659 χ^2 /NDF: 7.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 78.577 $\pm$ 34.302 χ^2 /NDF: 19.8/18

reg_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 96.869+/-0.036 χ^2/NDF : 43969.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.375+/-0.033 χ^2/NDF : 60788.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

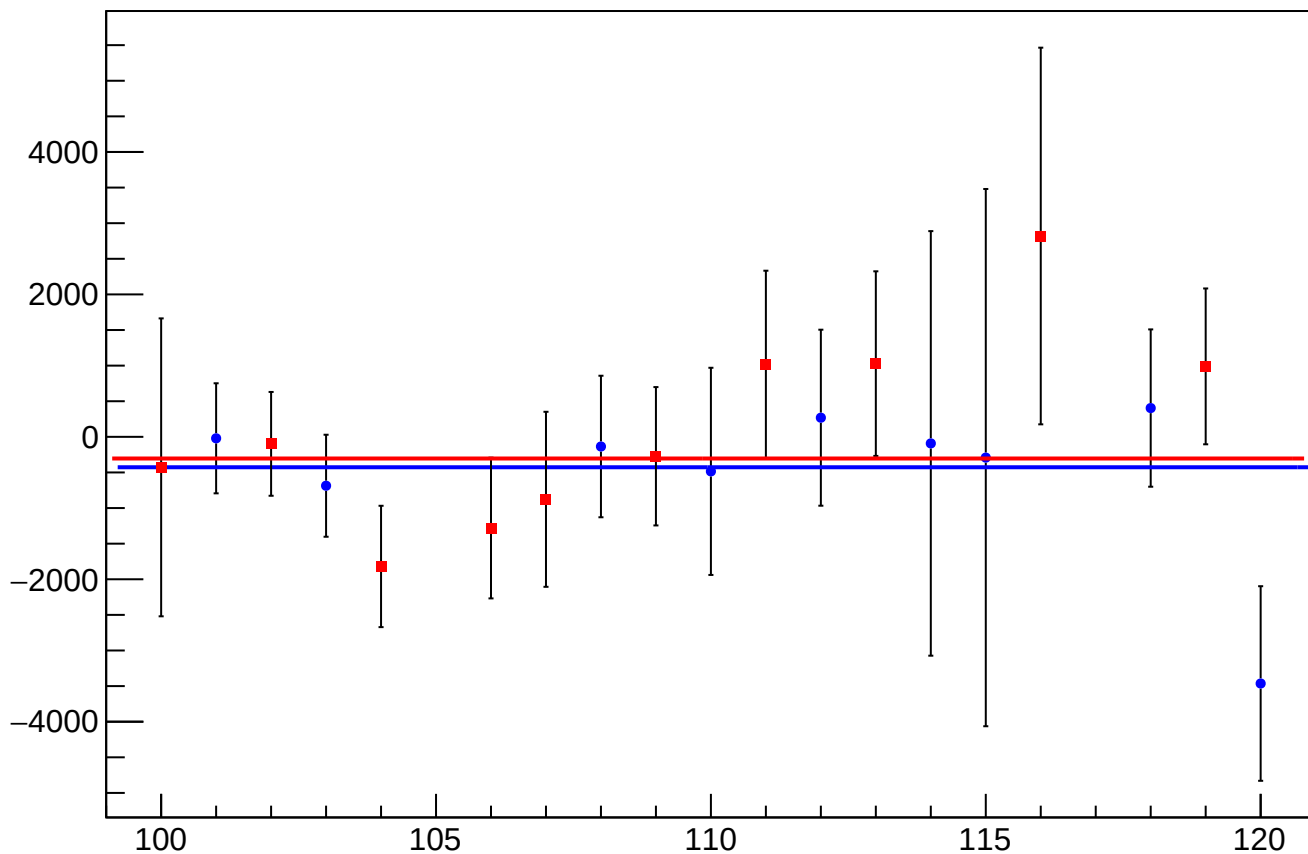
Right: 95.519+/-0.024 χ^2/NDF : 107384.4/18

In: 96.869+/-0.036 χ^2/NDF : 43969.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.519+/-0.024 χ^2/NDF : 107384.4/18

asym_sam_15_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -427.143+/-370.040 χ^2/NDF : 6.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -304.174+/-345.394 χ^2/NDF : 9.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

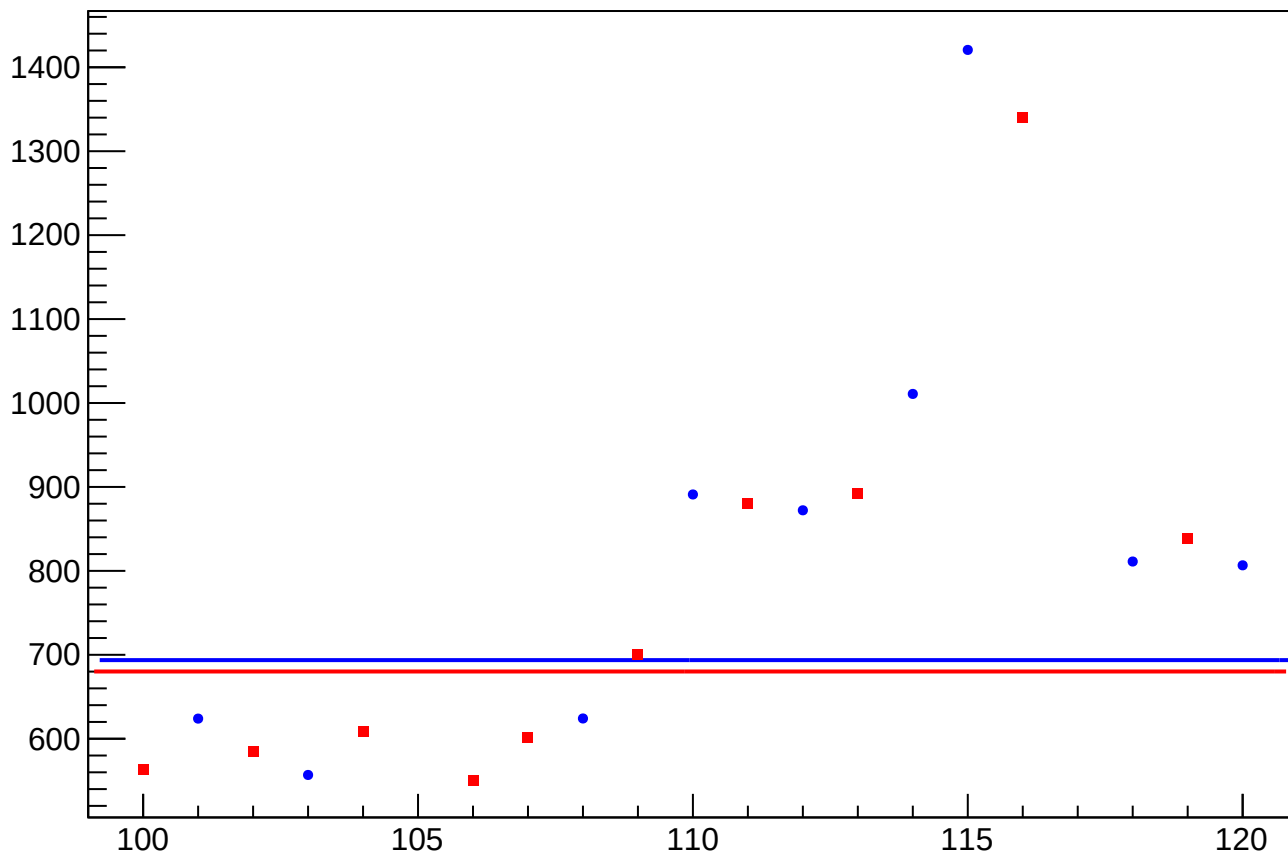
Right: -361.427+/-252.494 χ^2/NDF : 15.7/18

In: -427.143+/-370.040 χ^2/NDF : 6.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -361.427+/-252.494 χ^2/NDF : 15.7/18

asym_sam_15_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 693.664 $\pm$ 0.262 χ^2 /NDF: 310834.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 680.121 $\pm$ 0.244 χ^2 /NDF: 362995.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

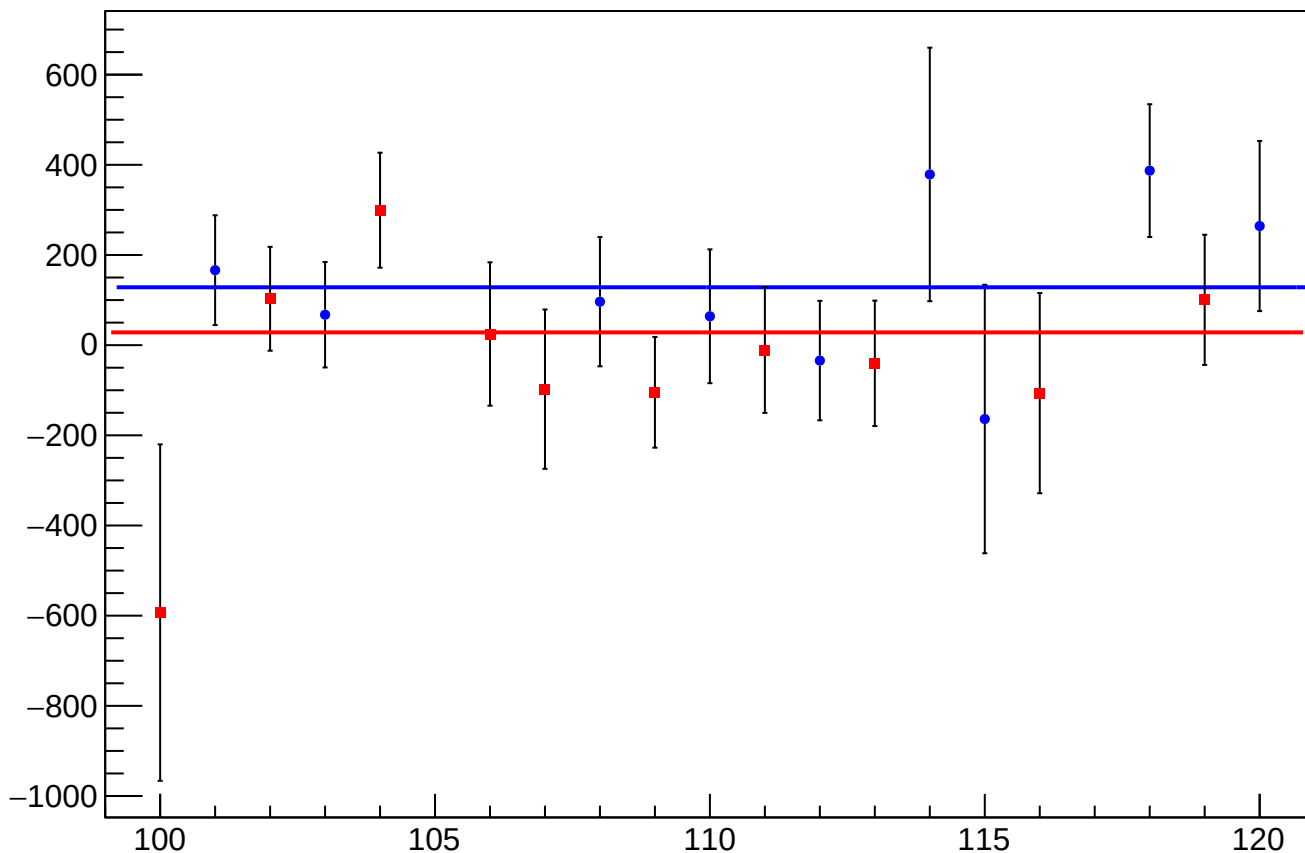
Right: 686.426 $\pm$ 0.179 χ^2 /NDF: 675261.6/18

In: 693.664 $\pm$ 0.262 χ^2 /NDF:310834.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 686.426 $\pm$ 0.179 χ^2 /NDF: 675261.6/18

cor_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 128.358+/-50.659 χ^2/NDF : 7.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.296+/-46.964 χ^2/NDF : 10.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

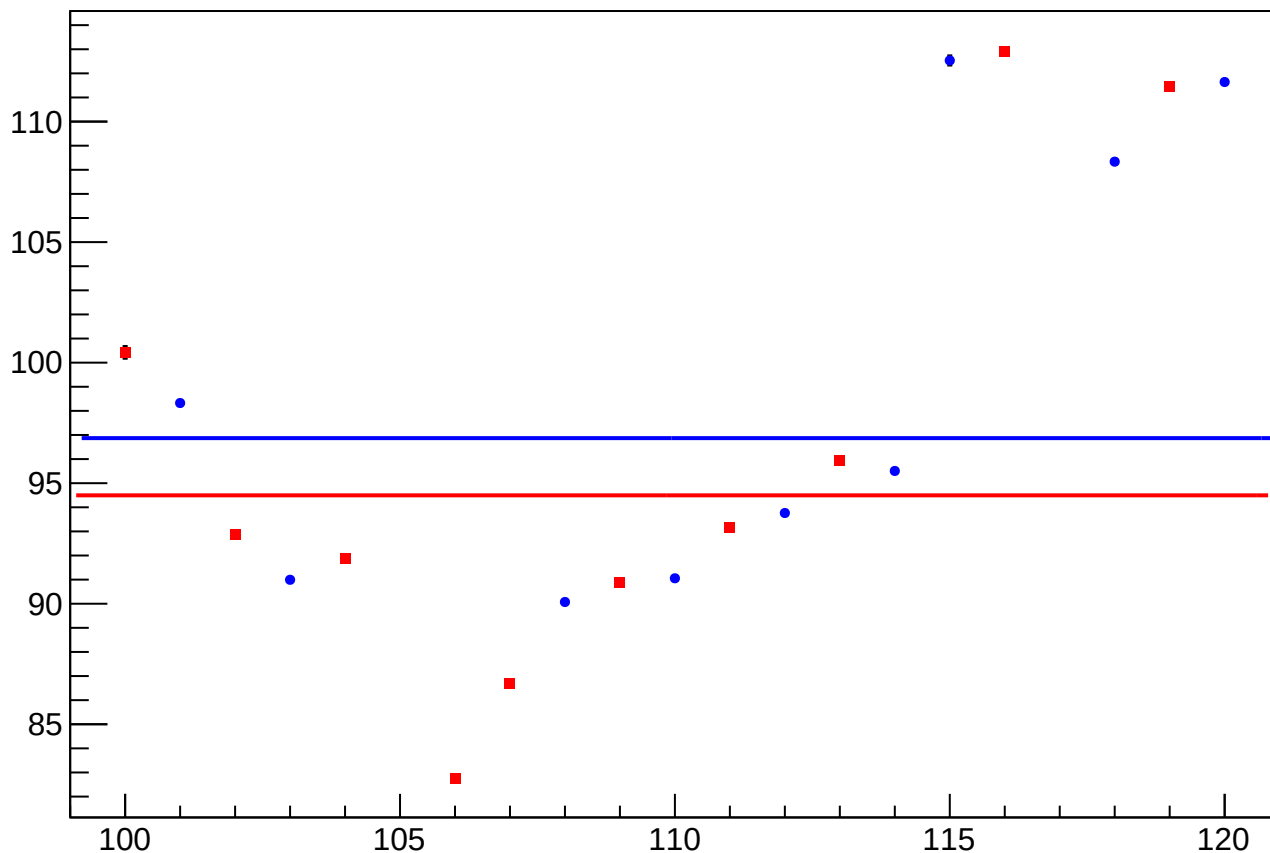
Right: 74.546+/-34.441 χ^2/NDF : 19.9/18

In: 128.358+/-50.659 χ^2/NDF : 7.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.546+/-34.441 χ^2/NDF : 19.9/18

cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 96.869+/-0.036 χ^2/NDF : 43969.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.496+/-0.033 χ^2/NDF : 60049.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

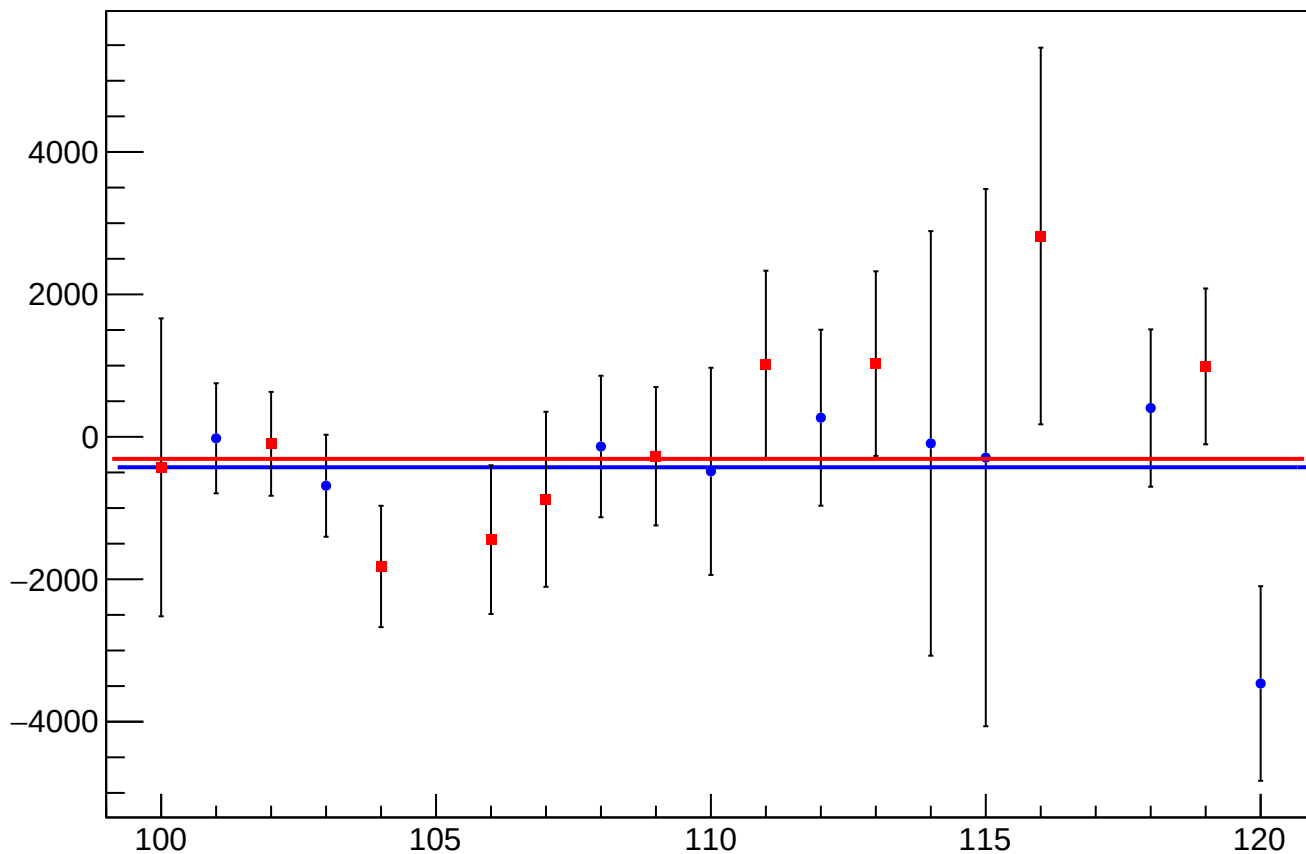
Right: 95.593+/-0.024 χ^2/NDF : 106379.1/18

In: 96.869+/-0.036 χ^2/NDF : 43969.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.593+/-0.024 χ^2/NDF : 106379.1/18

asym_sam_15_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -427.137+/-370.040 χ^2/NDF : 6.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -309.535+/-347.616 χ^2/NDF : 9.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

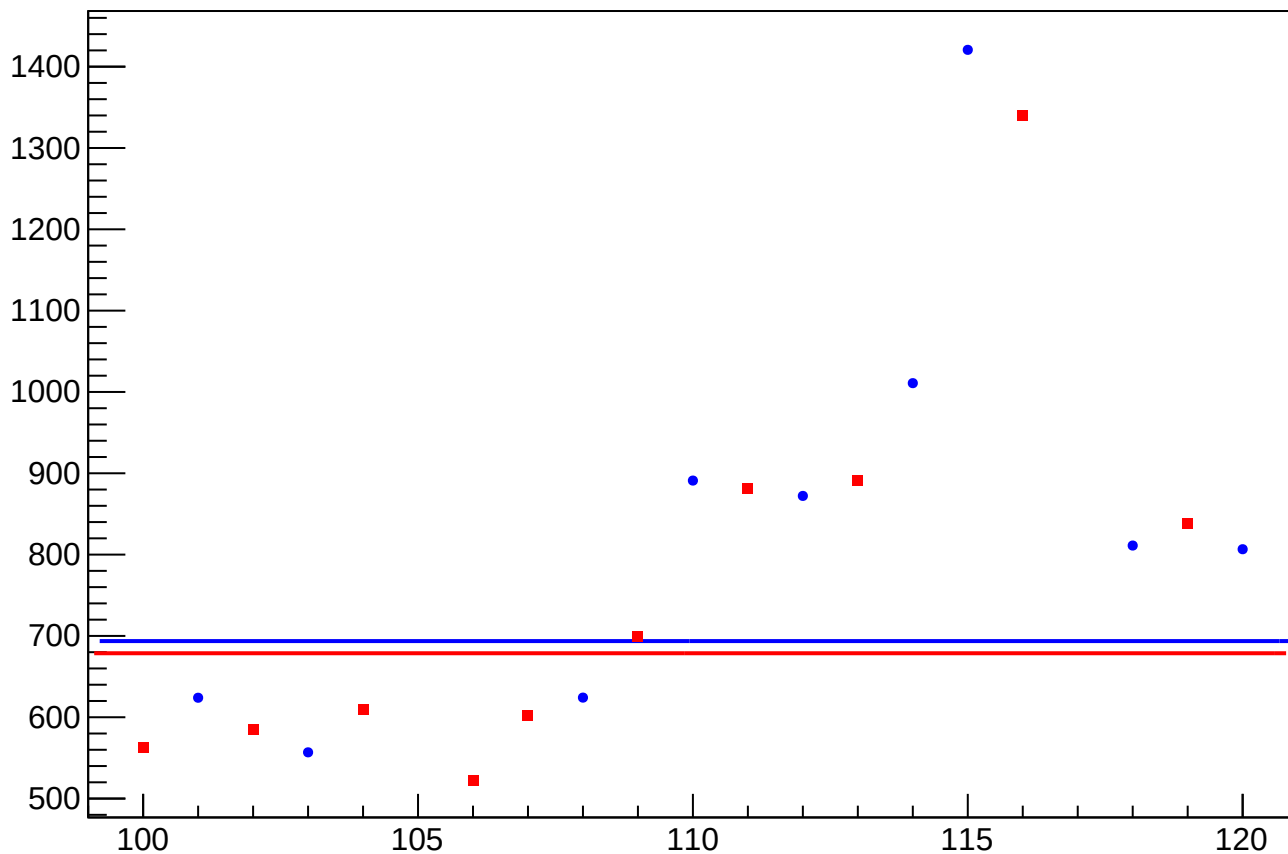
Right: -364.665+/-253.358 χ^2/NDF : 15.9/18

In: -427.137+/-370.040 χ^2/NDF : 6.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -364.665+/-253.358 χ^2/NDF : 15.9/18

asym_sam_15_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 693.663+/-0.262 χ^2/NDF : 310838.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 678.700+/-0.246 χ^2/NDF : 374091.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

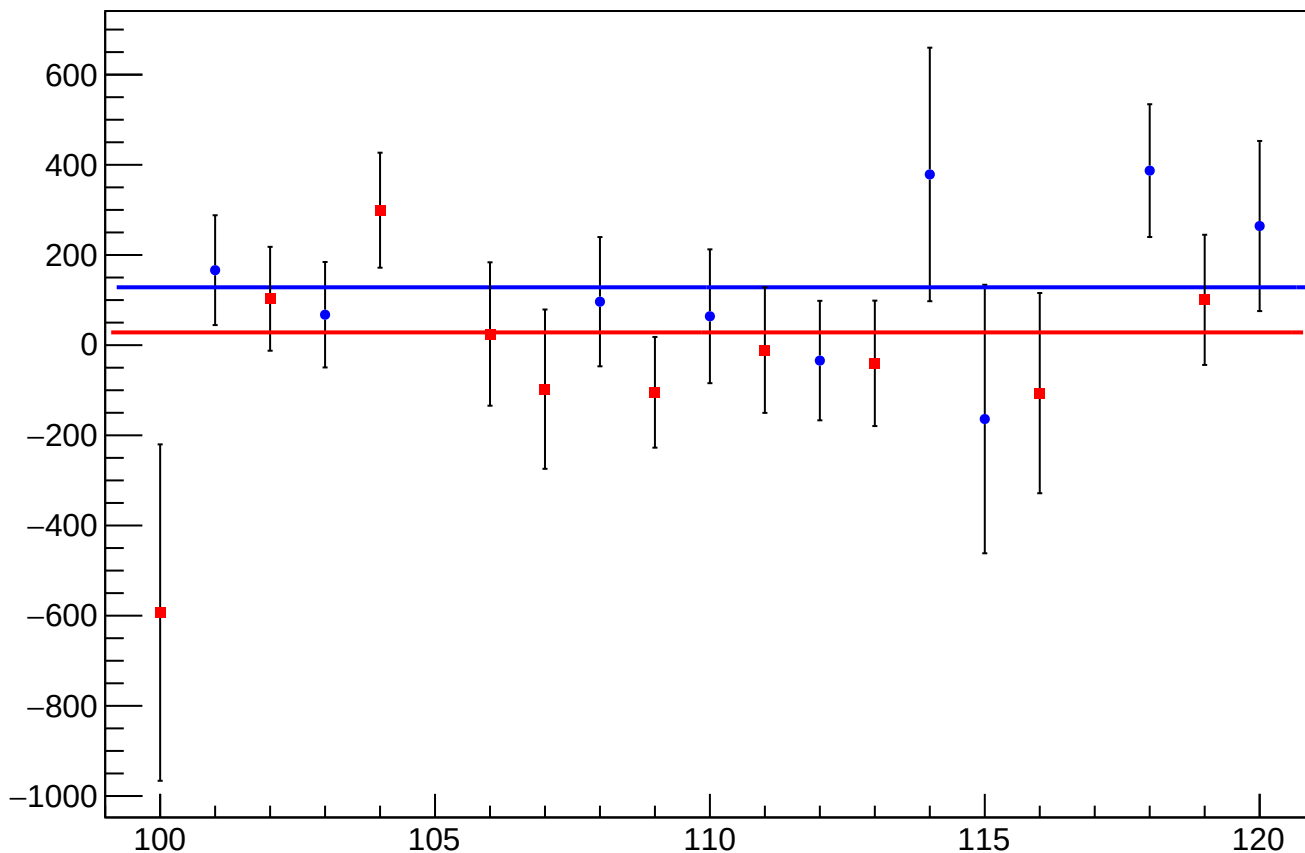
Right: 685.714+/-0.179 χ^2/NDF : 686666.6/18

In: 693.663+/-0.262 χ^2/NDF : 310838.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 685.714+/-0.179 χ^2/NDF : 686666.6/18

eigen_cor_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 128.358+/-50.659 χ^2/NDF : 7.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.296+/-46.964 χ^2/NDF : 10.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

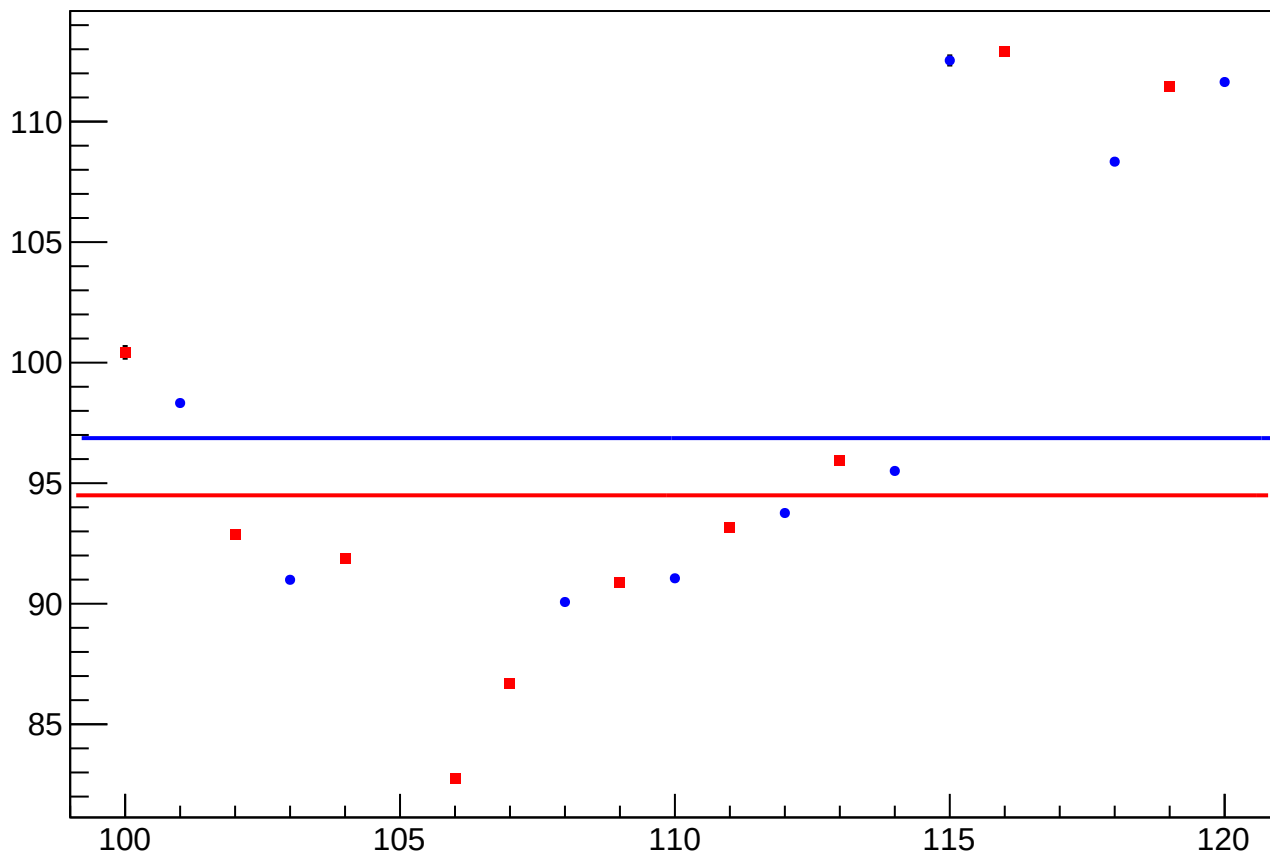
Right: 74.546+/-34.441 χ^2/NDF : 19.9/18

In: 128.358+/-50.659 χ^2/NDF : 7.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.546+/-34.441 χ^2/NDF : 19.9/18

eigen_cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 96.869+/-0.036 χ^2/NDF : 43969.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.496+/-0.033 χ^2/NDF : 60049.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

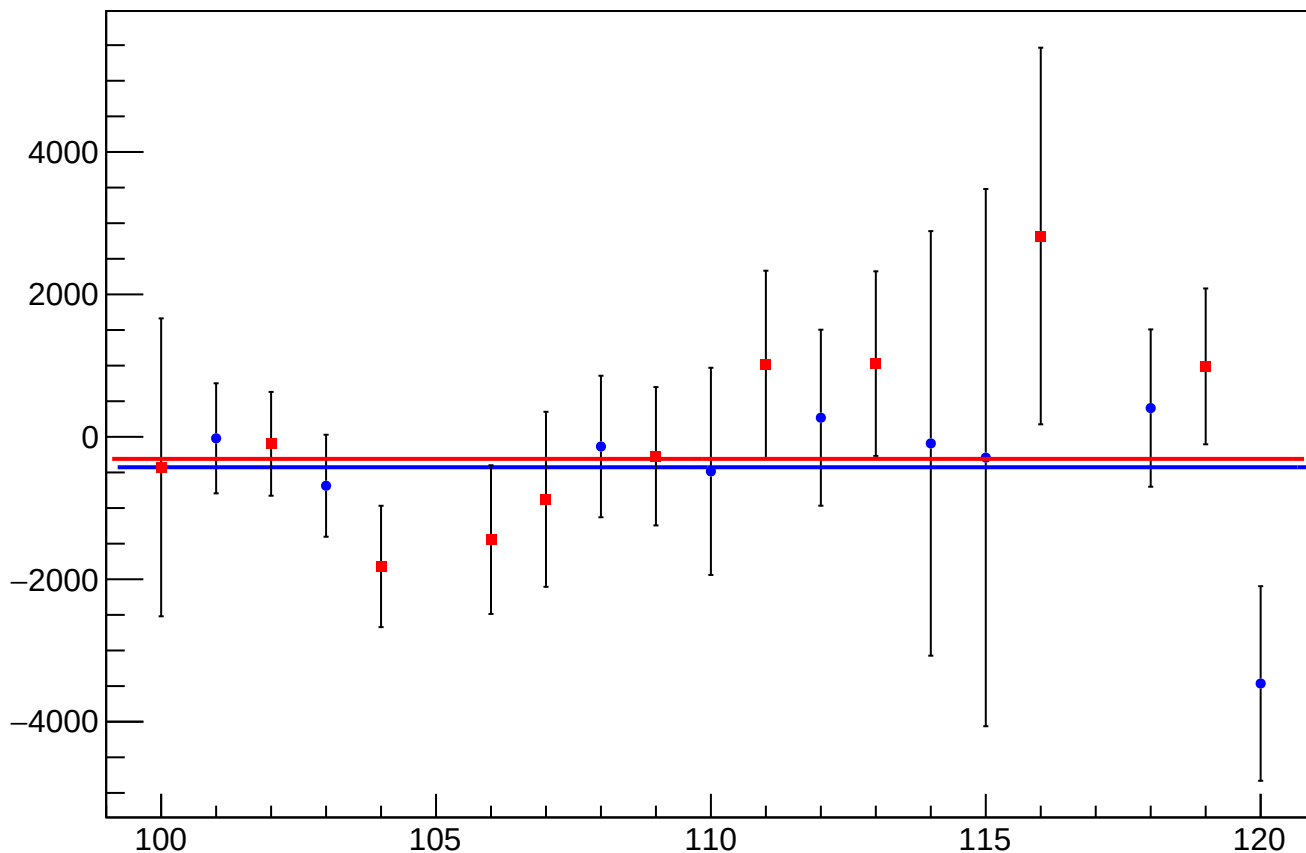
Right: 95.593+/-0.024 χ^2/NDF : 106379.1/18

In: 96.869+/-0.036 χ^2/NDF : 43969.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.593+/-0.024 χ^2/NDF : 106379.1/18

asym_sam_15_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -427.137+/-370.040 χ^2/NDF : 6.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -309.535+/-347.616 χ^2/NDF : 9.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

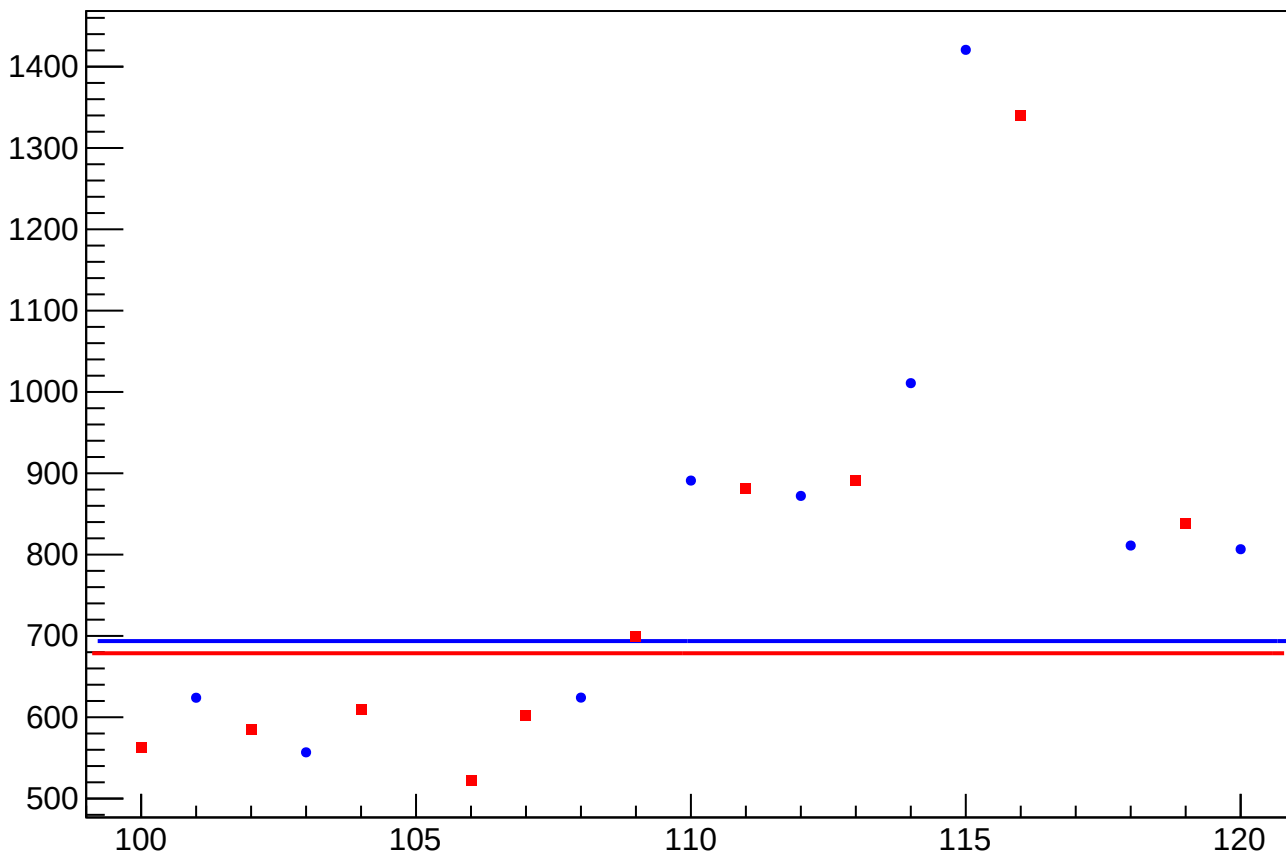
Right: -364.665+/-253.358 χ^2/NDF : 15.9/18

In: -427.137+/-370.040 χ^2/NDF : 6.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -364.665+/-253.358 χ^2/NDF : 15.9/18

asym_sam_15_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 693.663+/-0.262 χ^2/NDF : 310838.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 678.700+/-0.246 χ^2/NDF : 374091.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

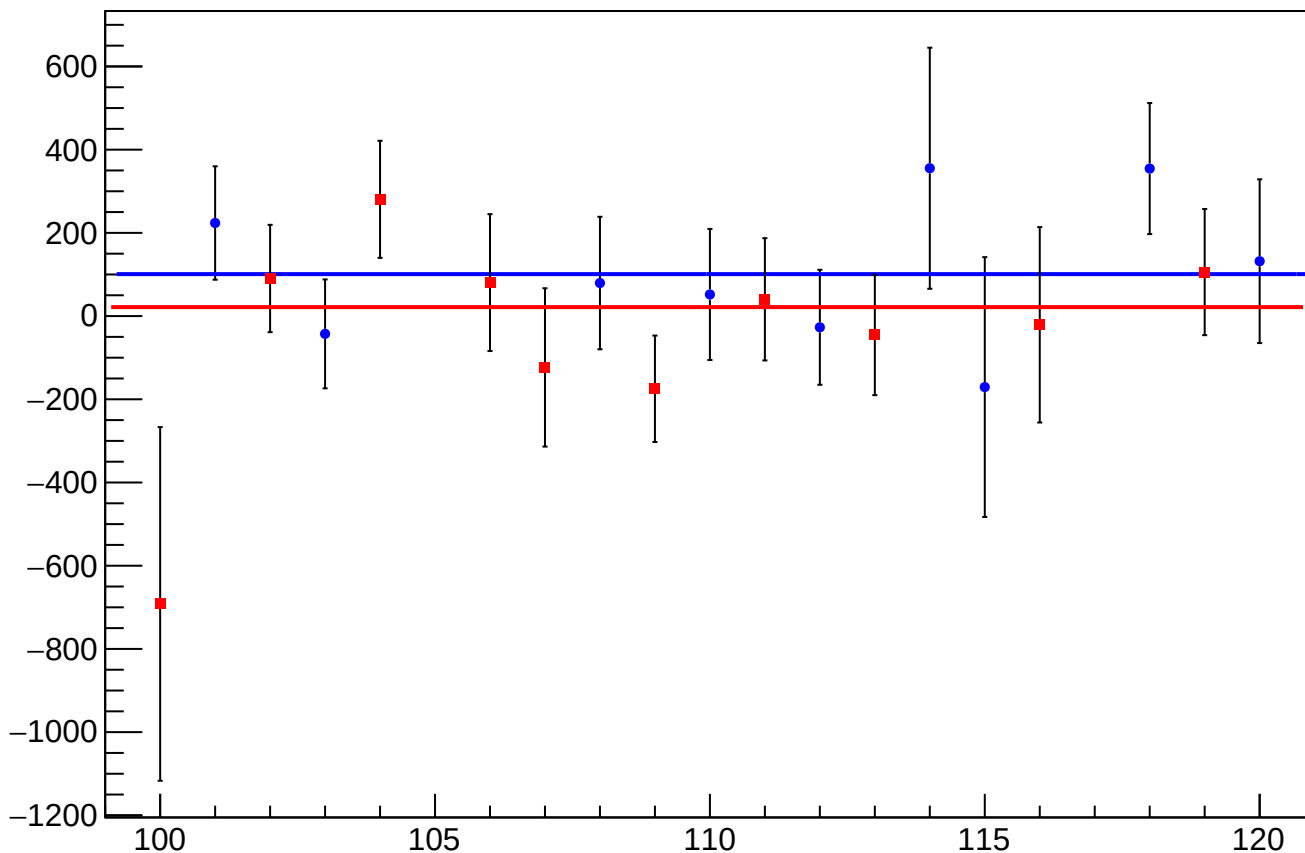
Right: 685.714+/-0.179 χ^2/NDF : 686666.6/18

In: 693.663+/-0.262 χ^2/NDF : 310838.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 685.714+/-0.179 χ^2/NDF : 686666.6/18

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 100.859+/-54.834 χ^2/NDF : 7.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.560+/-50.153 χ^2/NDF : 10.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

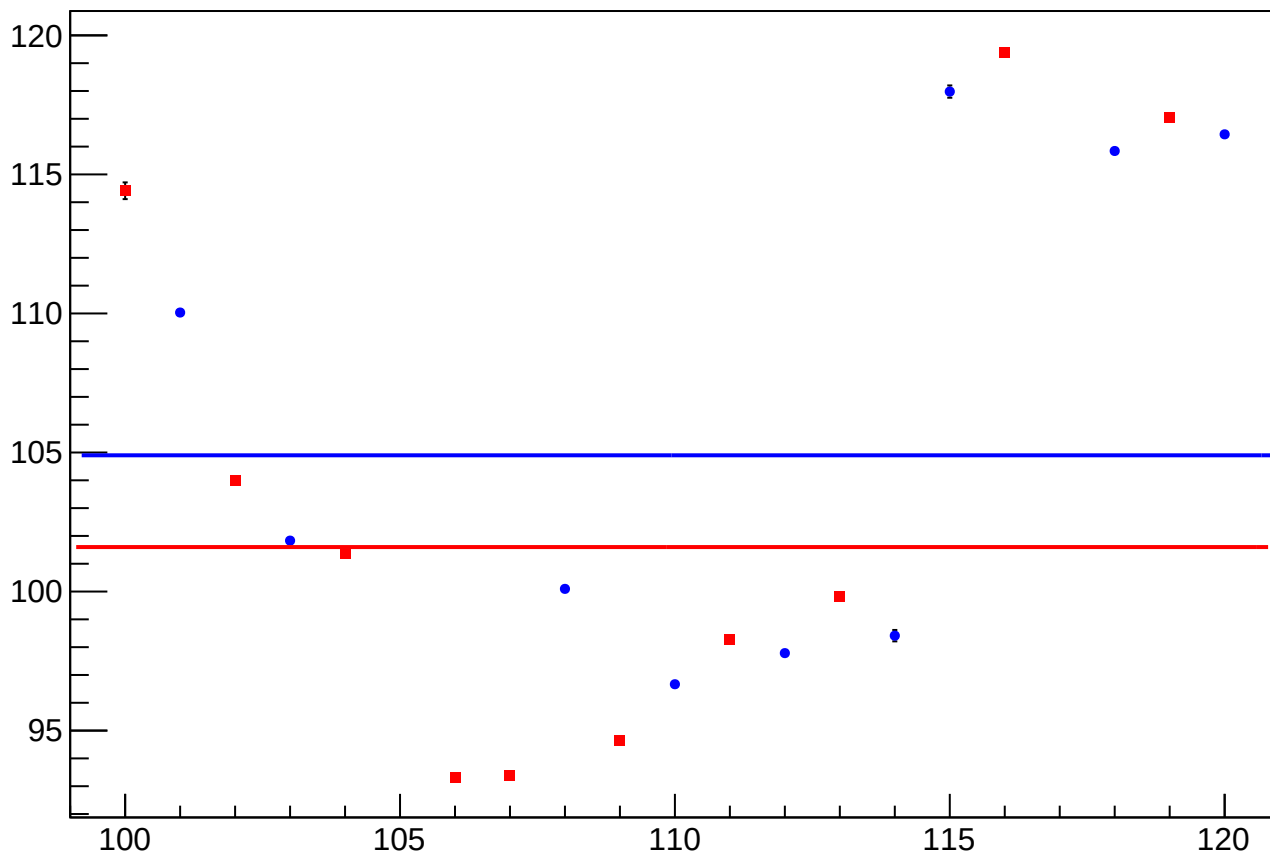
Right: 57.681+/-37.008 χ^2/NDF : 18.4/18

In: 100.859+/-54.834 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.681+/-37.008 χ^2/NDF : 18.4/18

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 104.899+/-0.039 χ^2/NDF : 37563.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.600+/-0.035 χ^2/NDF : 50840.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

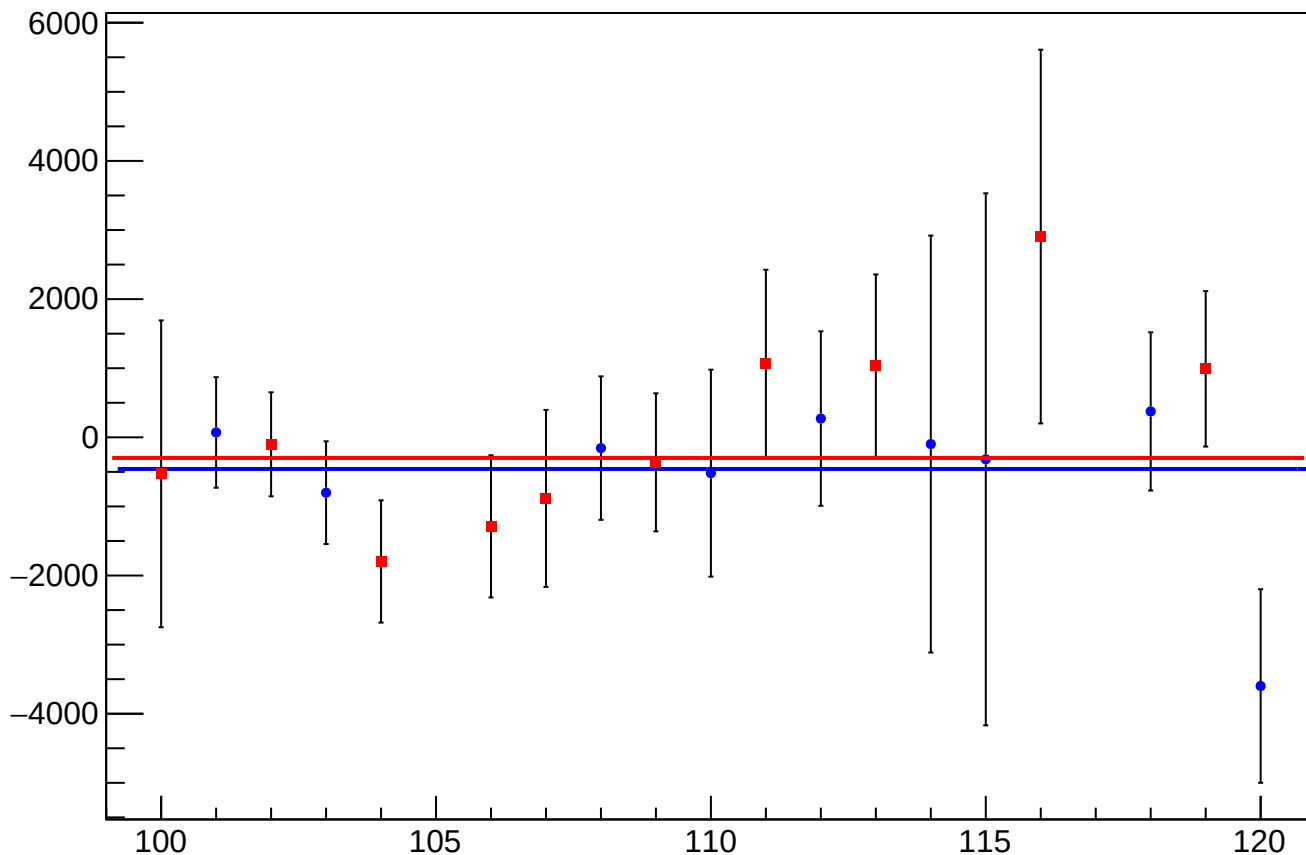
Right: 103.103+/-0.026 χ^2/NDF : 92347.8/18

In: 104.899+/-0.039 χ^2/NDF : 37563.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.103+/-0.026 χ^2/NDF : 92347.8/18

asym_sam_15_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -457.892+/-382.785 χ^2 /NDF: 6.6/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -298.642+/-356.918 χ^2 /NDF: 8.8/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

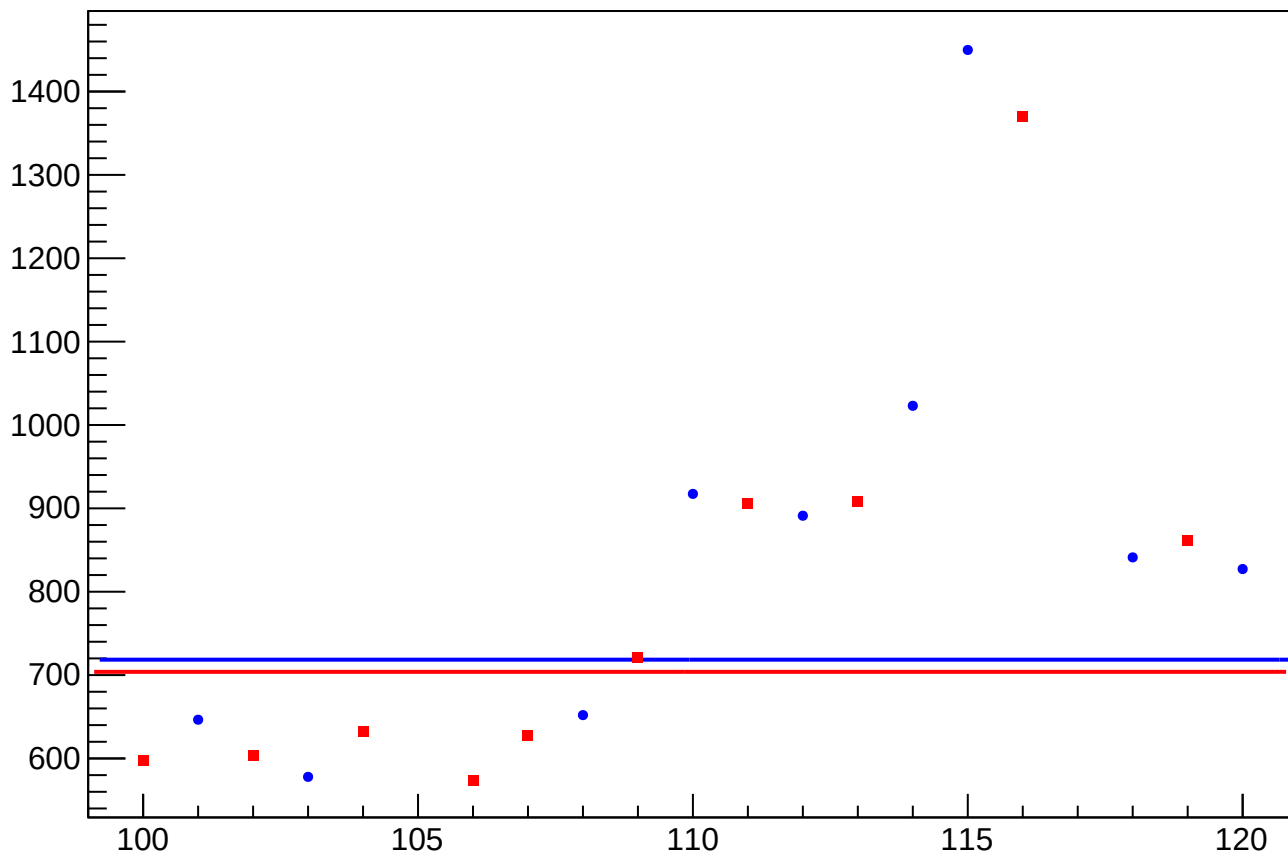
Right: -372.705+/-261.045 χ^2 /NDF: 15.6/18

In: -457.892+/-382.785 χ^2 /NDF:6.6/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -372.705+/-261.045 χ^2 /NDF: 15.6/18

asym_sam_15_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 718.487+/-0.271 χ^2/NDF : 296268.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 703.910+/-0.252 χ^2/NDF : 345086.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

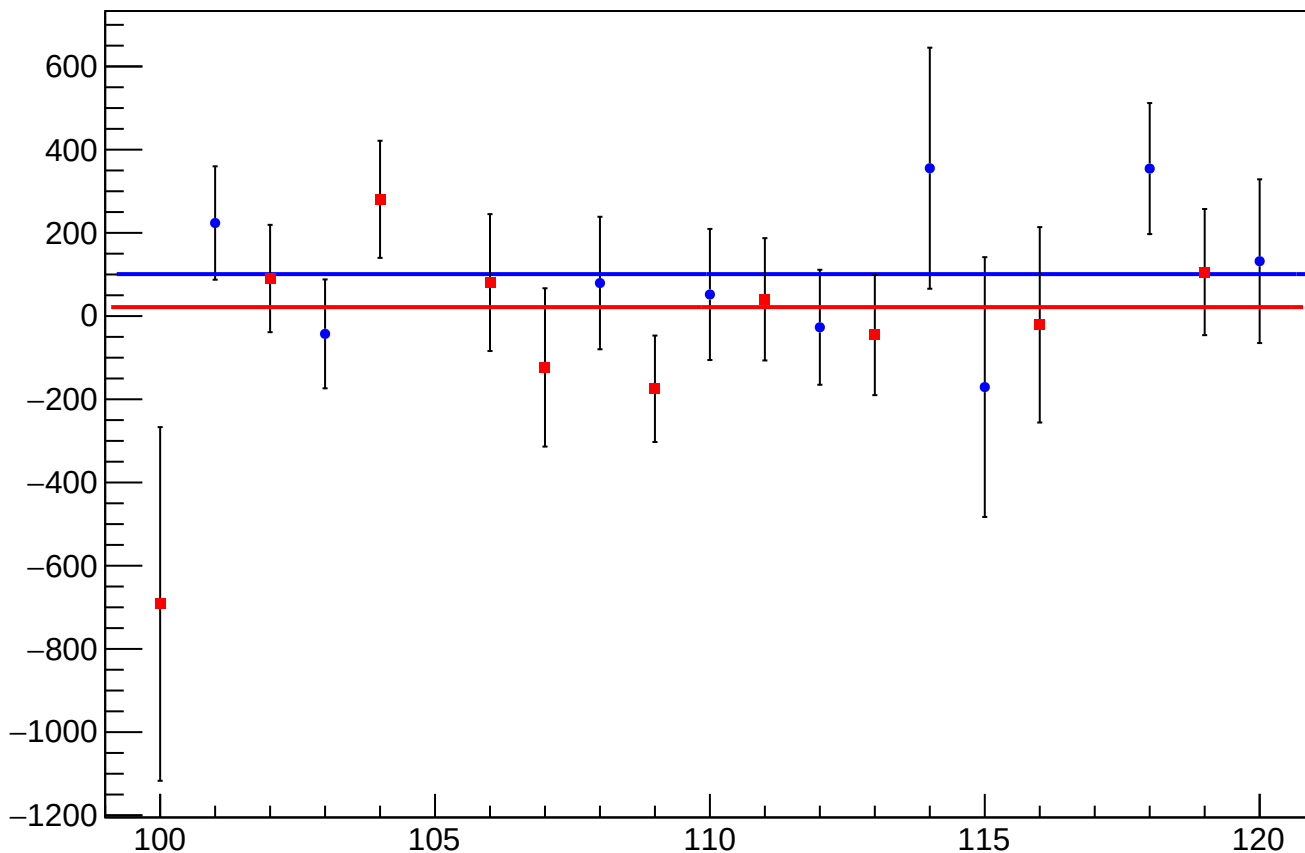
Right: 710.690+/-0.185 χ^2/NDF : 642905.6/18

In: 718.487+/-0.271 χ^2/NDF : 296268.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 710.690+/-0.185 χ^2/NDF : 642905.6/18

eigen_dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 100.860+/-54.834 χ^2/NDF : 7.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.559+/-50.153 χ^2/NDF : 10.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

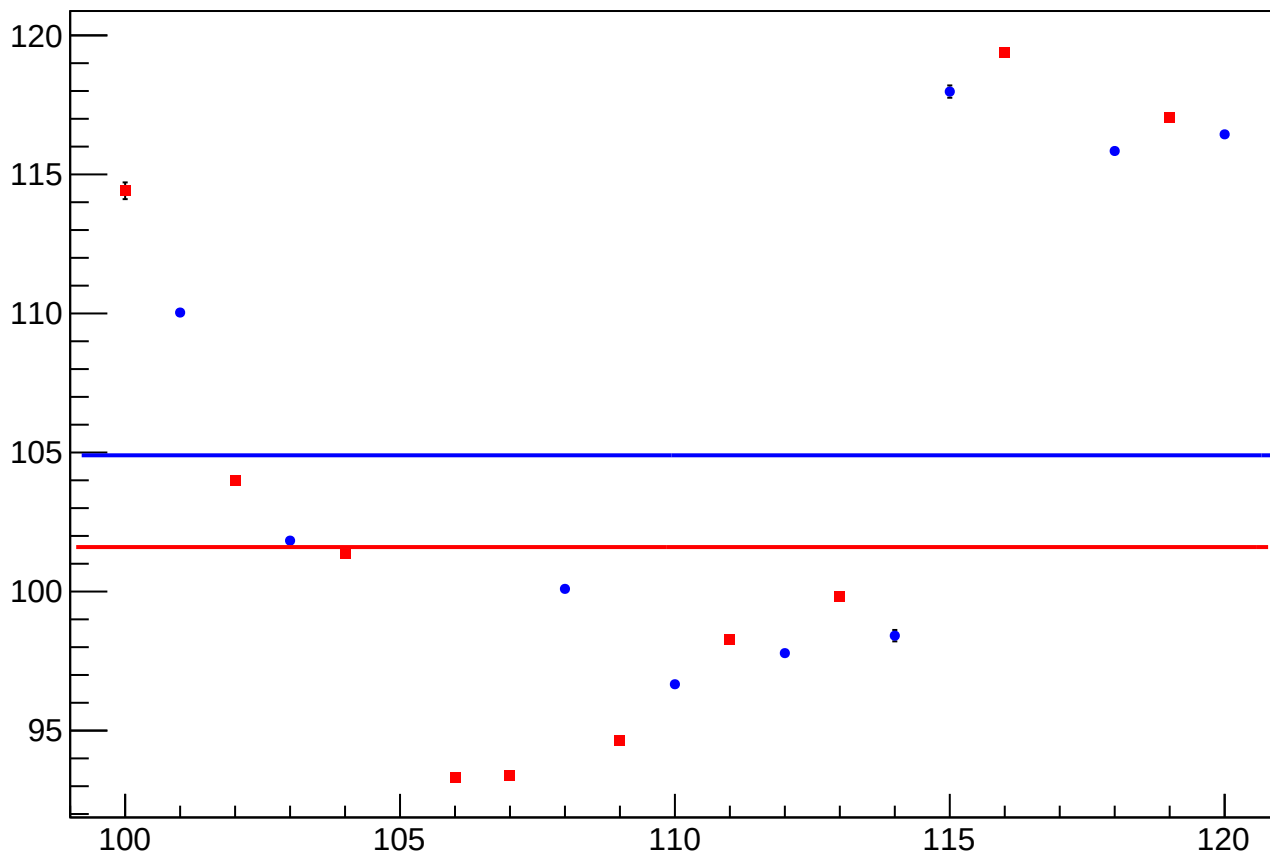
Right: 57.681+/-37.008 χ^2/NDF : 18.4/18

In: 100.860+/-54.834 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.681+/-37.008 χ^2/NDF : 18.4/18

eigen_dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 104.899+/-0.039 χ^2/NDF : 37563.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.600+/-0.035 χ^2/NDF : 50840.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

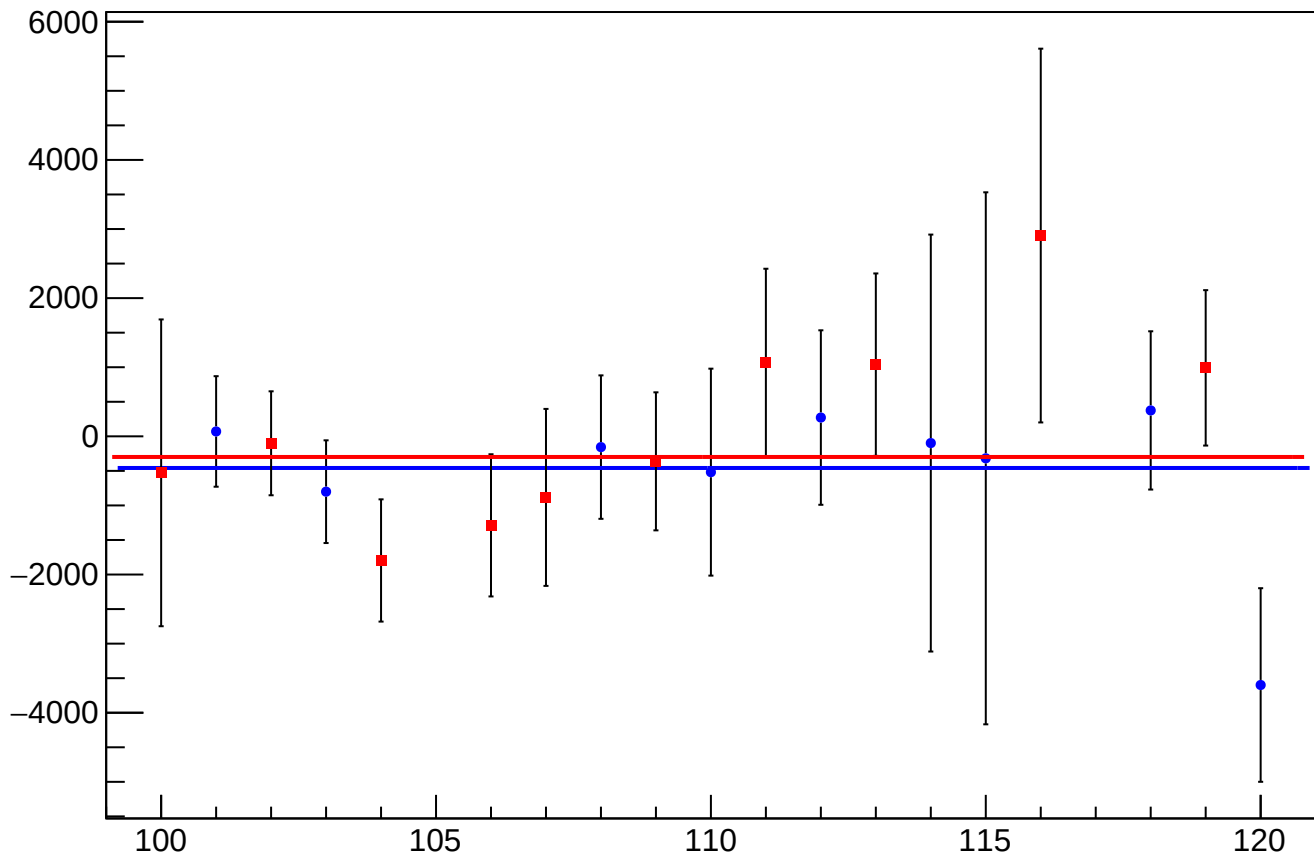
Right: 103.103+/-0.026 χ^2/NDF : 92347.5/18

In: 104.899+/-0.039 χ^2/NDF : 37563.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.103+/-0.026 χ^2/NDF : 92347.5/18

asym_sam_15_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -457.891+/-382.784 χ^2/NDF : 6.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -298.642+/-356.918 χ^2/NDF : 8.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

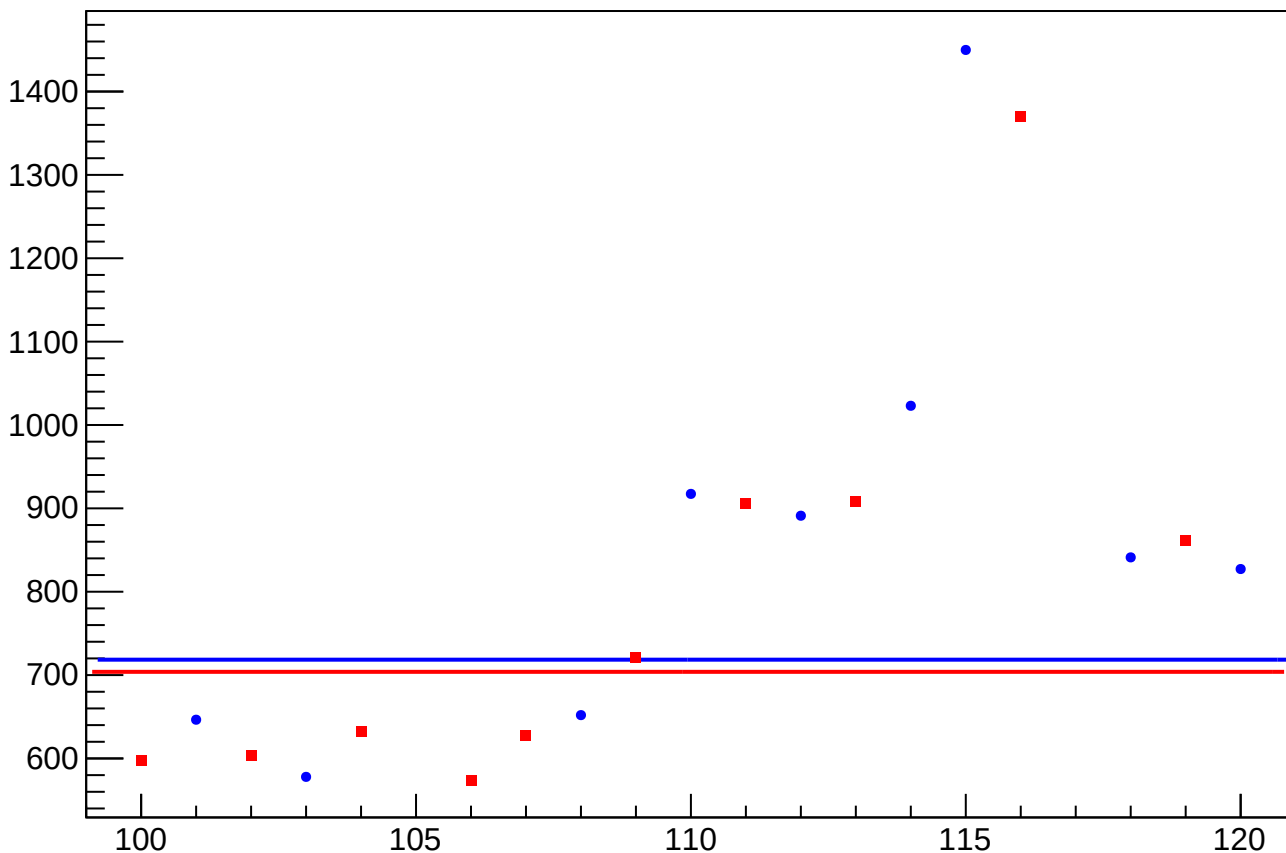
Right: -372.705+/-261.045 χ^2/NDF : 15.6/18

In: -457.891+/-382.784 χ^2/NDF : 6.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -372.705+/-261.045 χ^2/NDF : 15.6/18

asym_sam_15_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 718.487+/-0.271 χ^2/NDF : 296267.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 703.909+/-0.252 χ^2/NDF : 345085.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

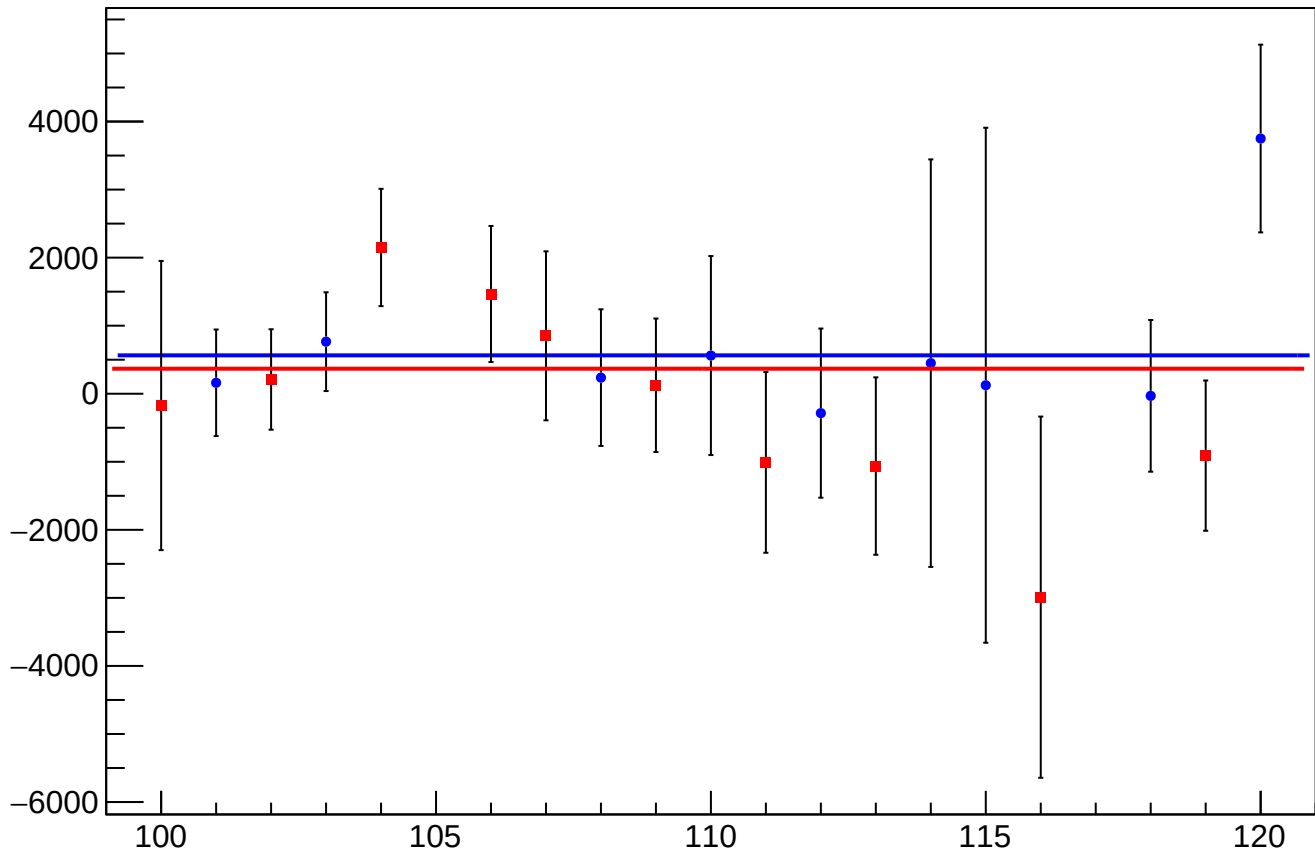
Right: 710.689+/-0.185 χ^2/NDF : 642904.7/18

In: 718.487+/-0.271 χ^2/NDF : 296267.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 710.689+/-0.185 χ^2/NDF : 642904.7/18

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 564.090+/-373.997 χ^2/NDF : 6.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 367.631+/-349.000 χ^2/NDF : 11.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

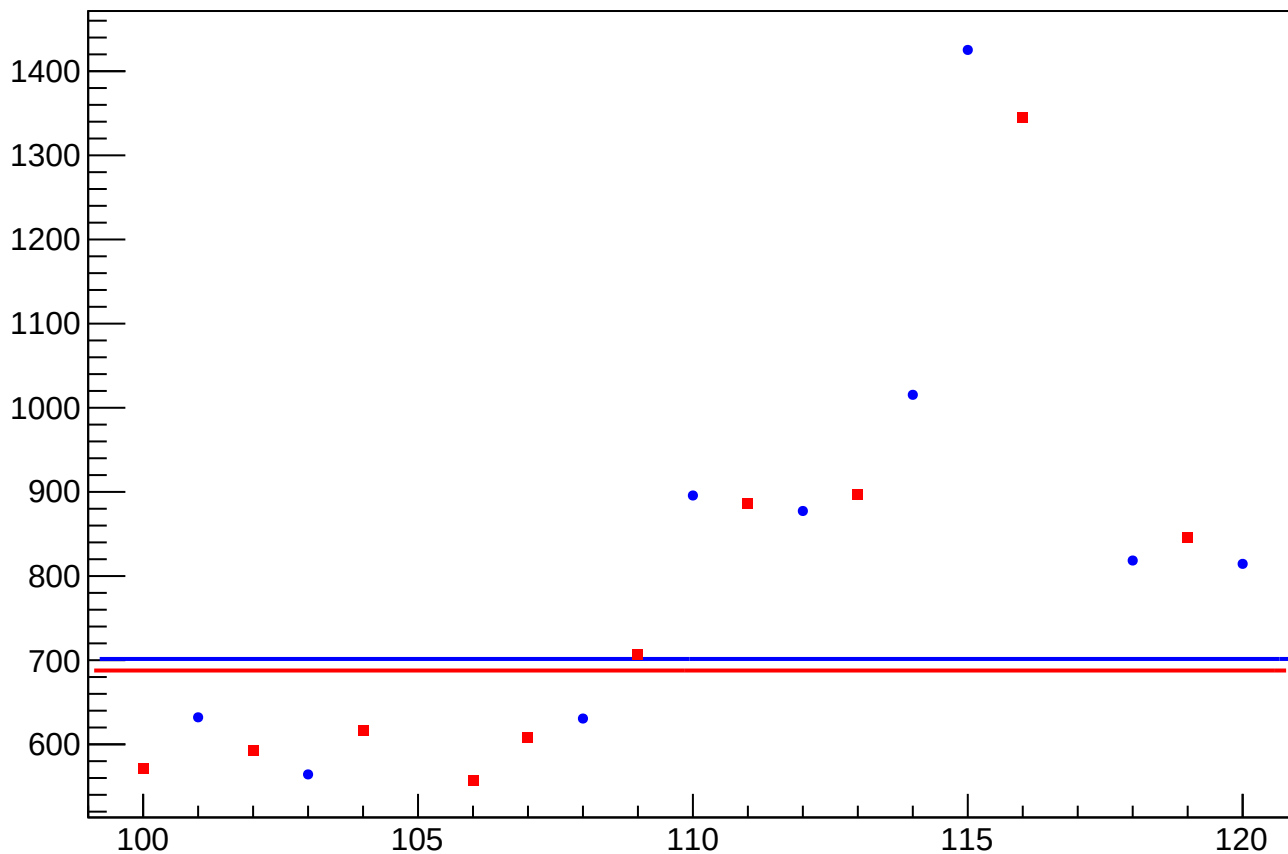
Right: 459.076+/-255.160 χ^2/NDF : 17.7/18

In: 564.090+/-373.997 χ^2/NDF : 6.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 459.076+/-255.160 χ^2/NDF : 17.7/18

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 701.470+/-0.264 χ^2/NDF : 303111.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 687.735+/-0.247 χ^2/NDF : 355320.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

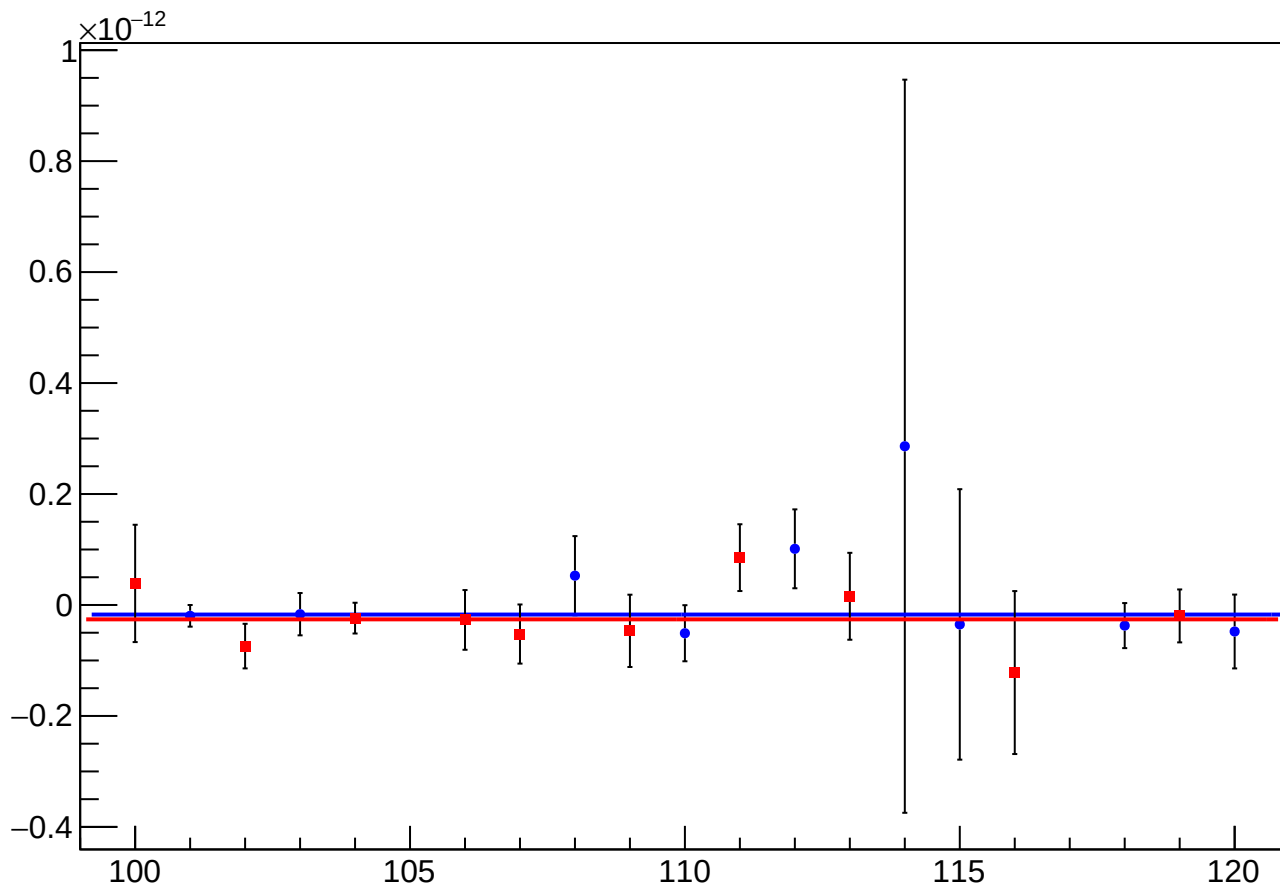
Right: 694.128+/-0.180 χ^2/NDF : 659873.5/18

In: 701.470+/-0.264 χ^2/NDF : 303111.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 694.128+/-0.180 χ^2/NDF : 659873.5/18

asym_sam_15_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

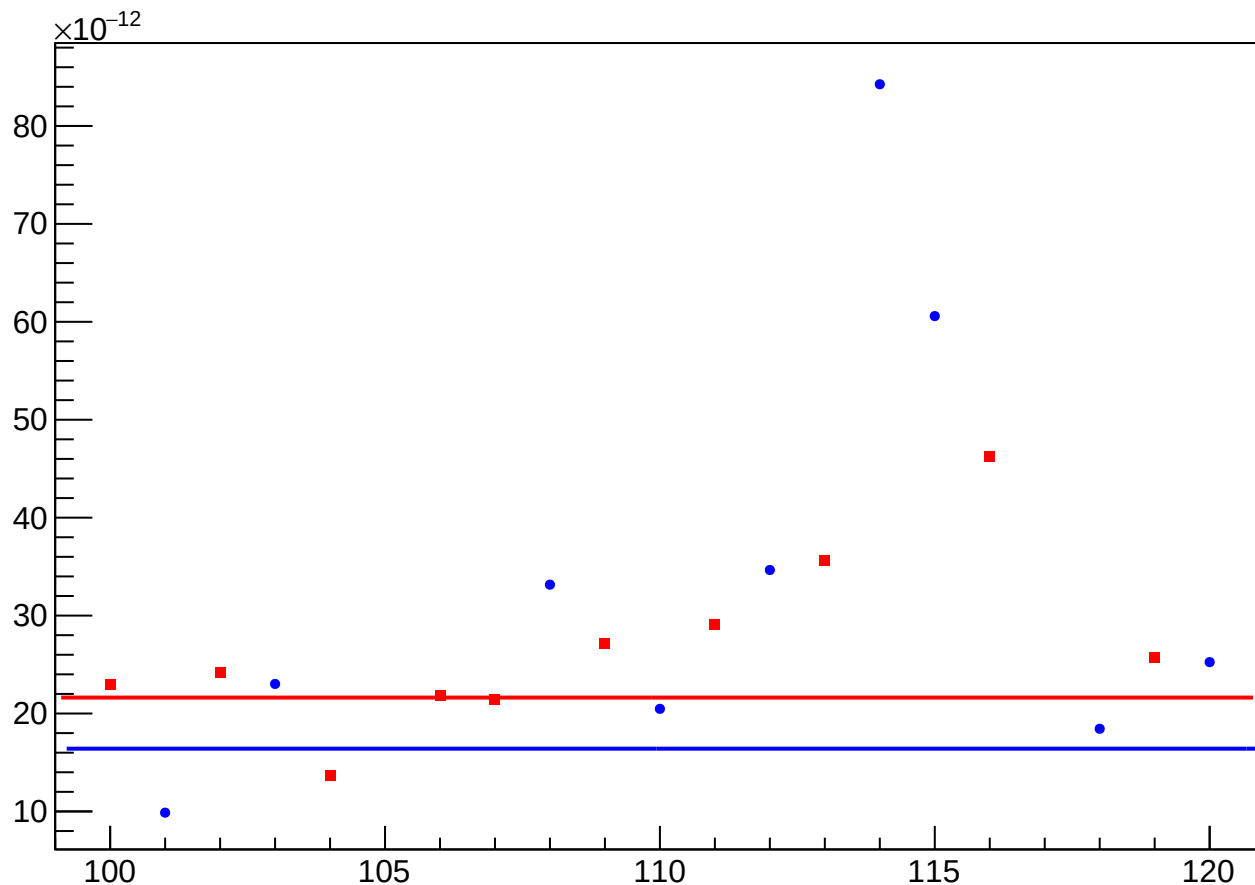
Right: -0.000+/-0.000 χ^2/NDF : 11.3/18

In: -0.000+/-0.000 χ^2/NDF : 4.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.3/18

asym_sam_15_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 666432.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 352183.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

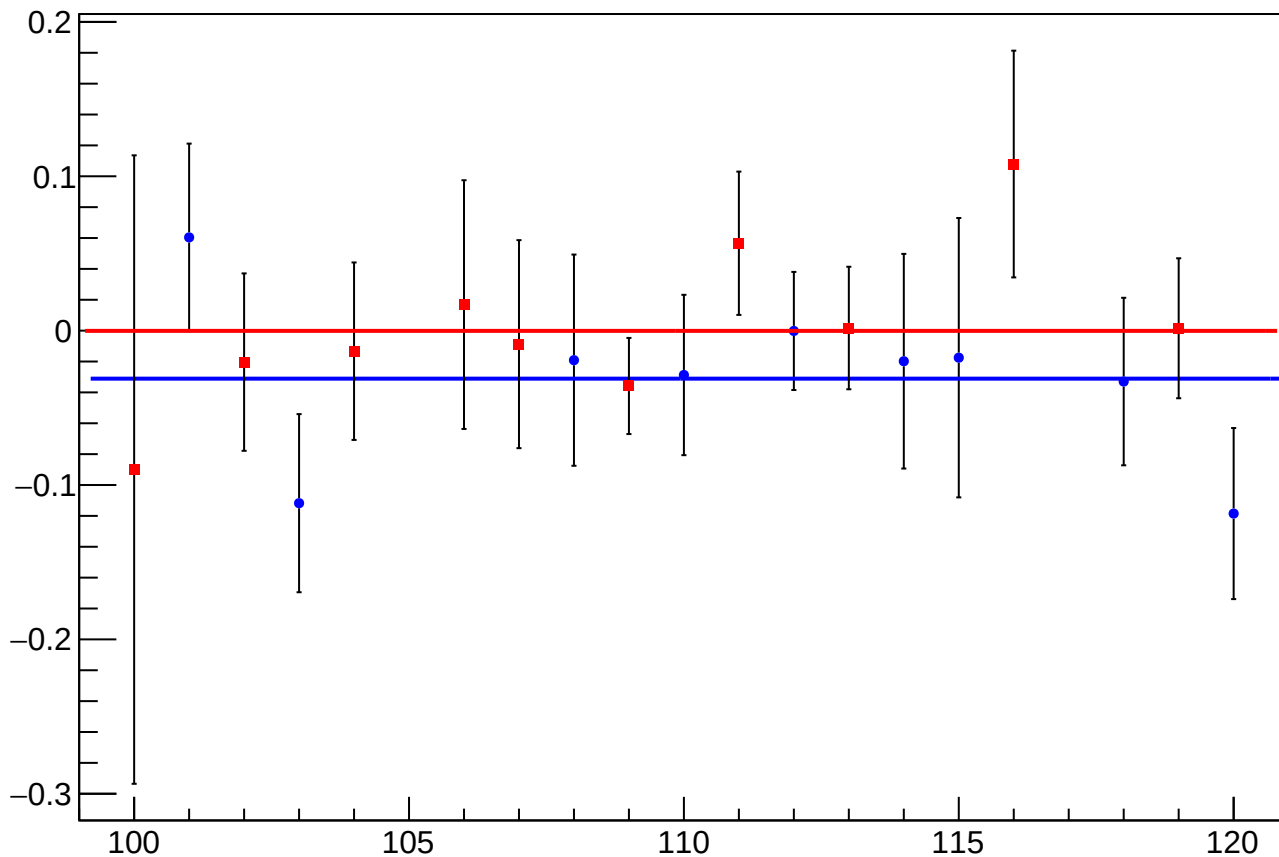
Right: 0.000+/-0.000 χ^2/NDF : 1136792.0/18

In: 0.000+/-0.000 χ^2/NDF : 666432.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1136792.0/18

asym_sam_15_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031 $\pm$ 0.019 χ^2 /NDF: 7.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.016 χ^2 /NDF: 5.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

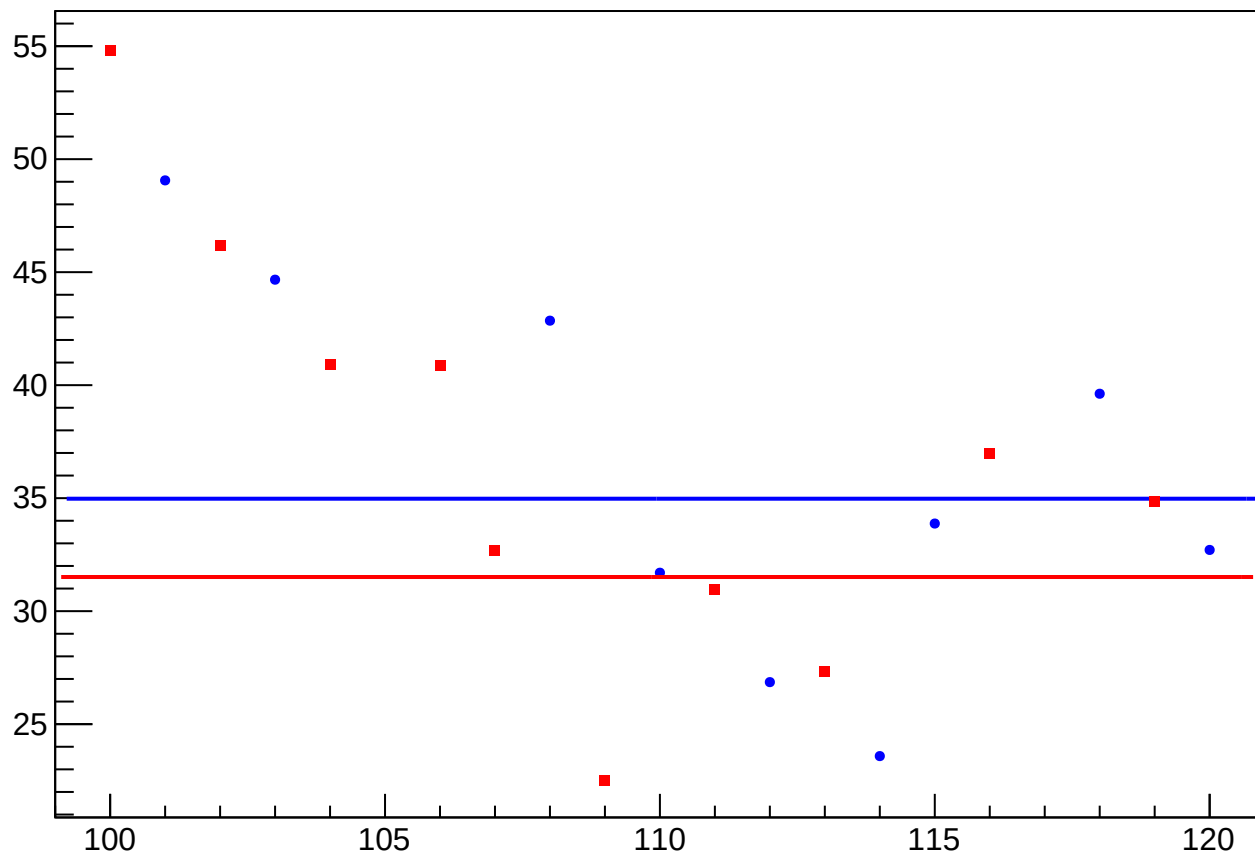
Right: -0.013 $\pm$ 0.012 χ^2 /NDF: 14.4/18

In: -0.031 $\pm$ 0.019 χ^2 /NDF:7.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.012 χ^2 /NDF: 14.4/18

asym_sam_15_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.976+/-0.013 χ^2/NDF : 360409.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.511+/-0.011 χ^2/NDF : 449257.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

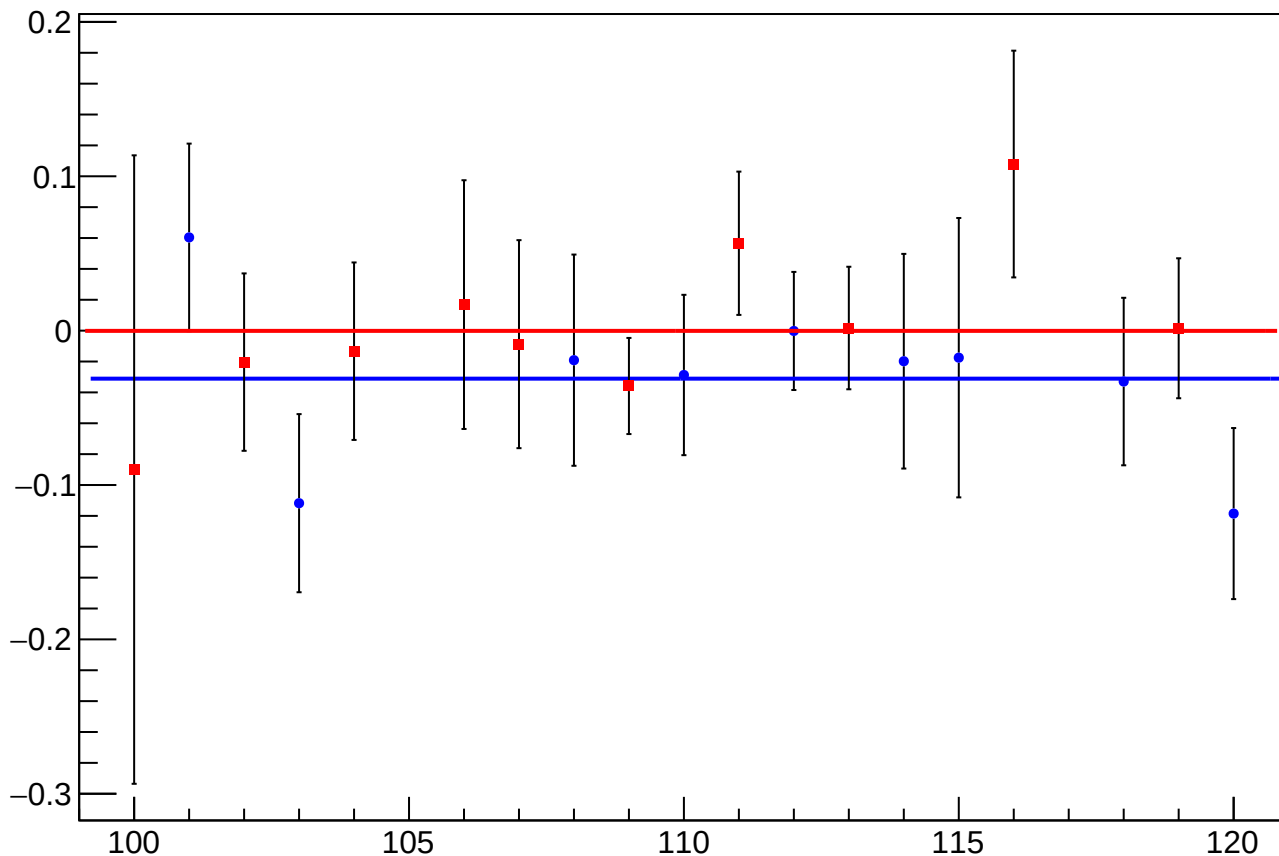
Right: 32.990+/-0.009 χ^2/NDF : 848662.8/18

In: 34.976+/-0.013 χ^2/NDF : 360409.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.990+/-0.009 χ^2/NDF : 848662.8/18

asym_sam_15_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031 $\pm$ 0.019 χ^2 /NDF: 7.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.016 χ^2 /NDF: 5.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

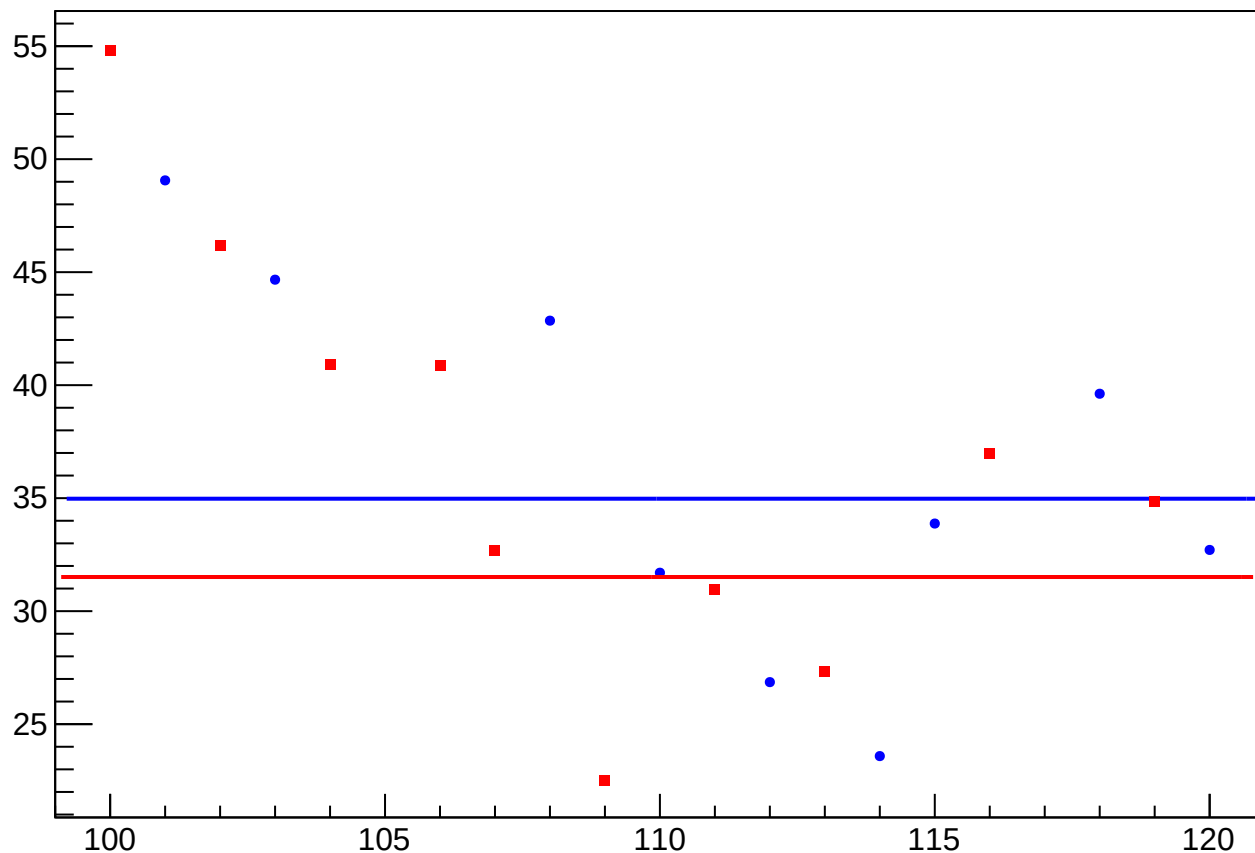
Right: -0.013 $\pm$ 0.012 χ^2 /NDF: 14.4/18

In: -0.031 $\pm$ 0.019 χ^2 /NDF:7.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.012 χ^2 /NDF: 14.4/18

asym_sam_15_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.976+/-0.013 χ^2/NDF : 360409.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 31.511+/-0.011 χ^2/NDF : 449257.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

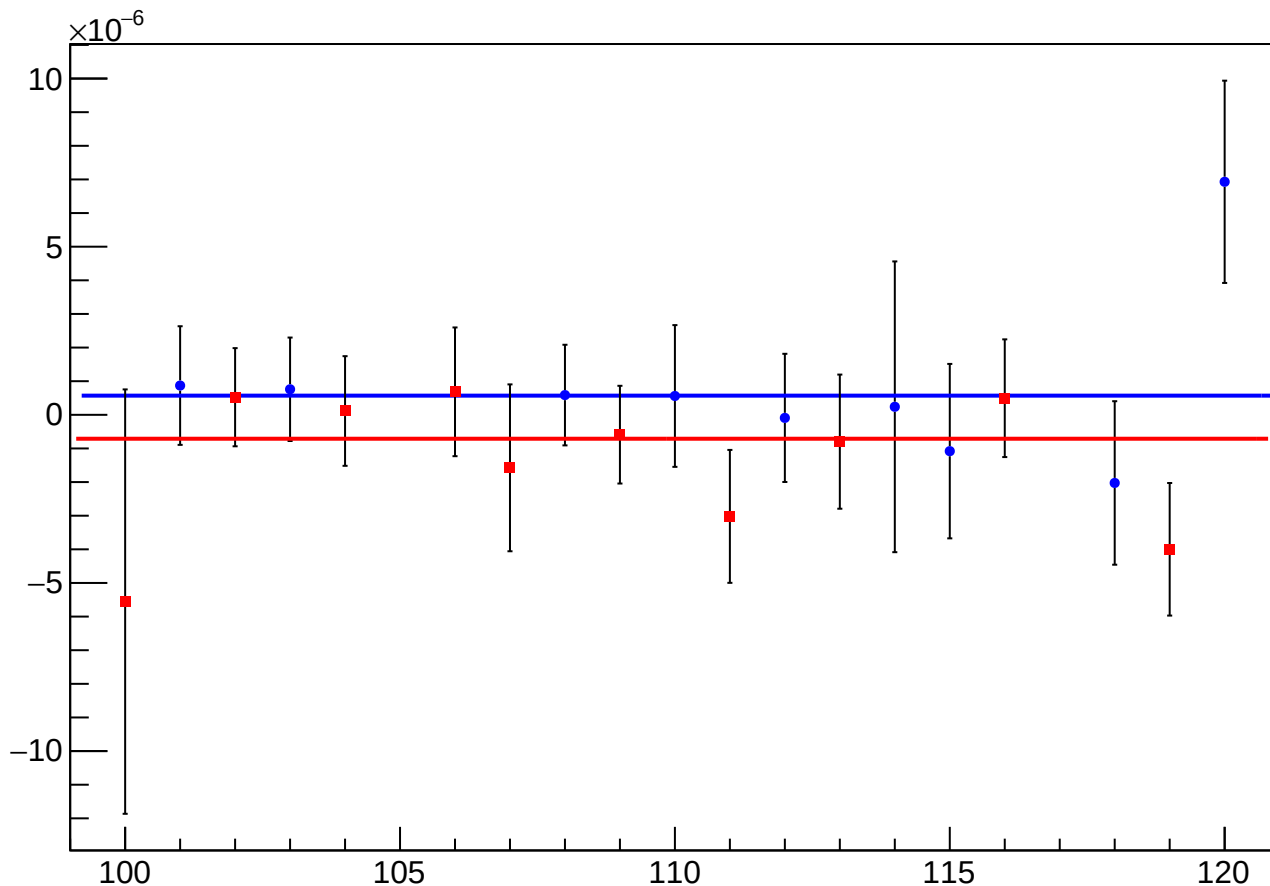
Right: 32.990+/-0.009 χ^2/NDF : 848662.8/18

In: 34.976+/-0.013 χ^2/NDF :360409.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 32.990+/-0.009 χ^2/NDF : 848662.8/18

asym_sam_15_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

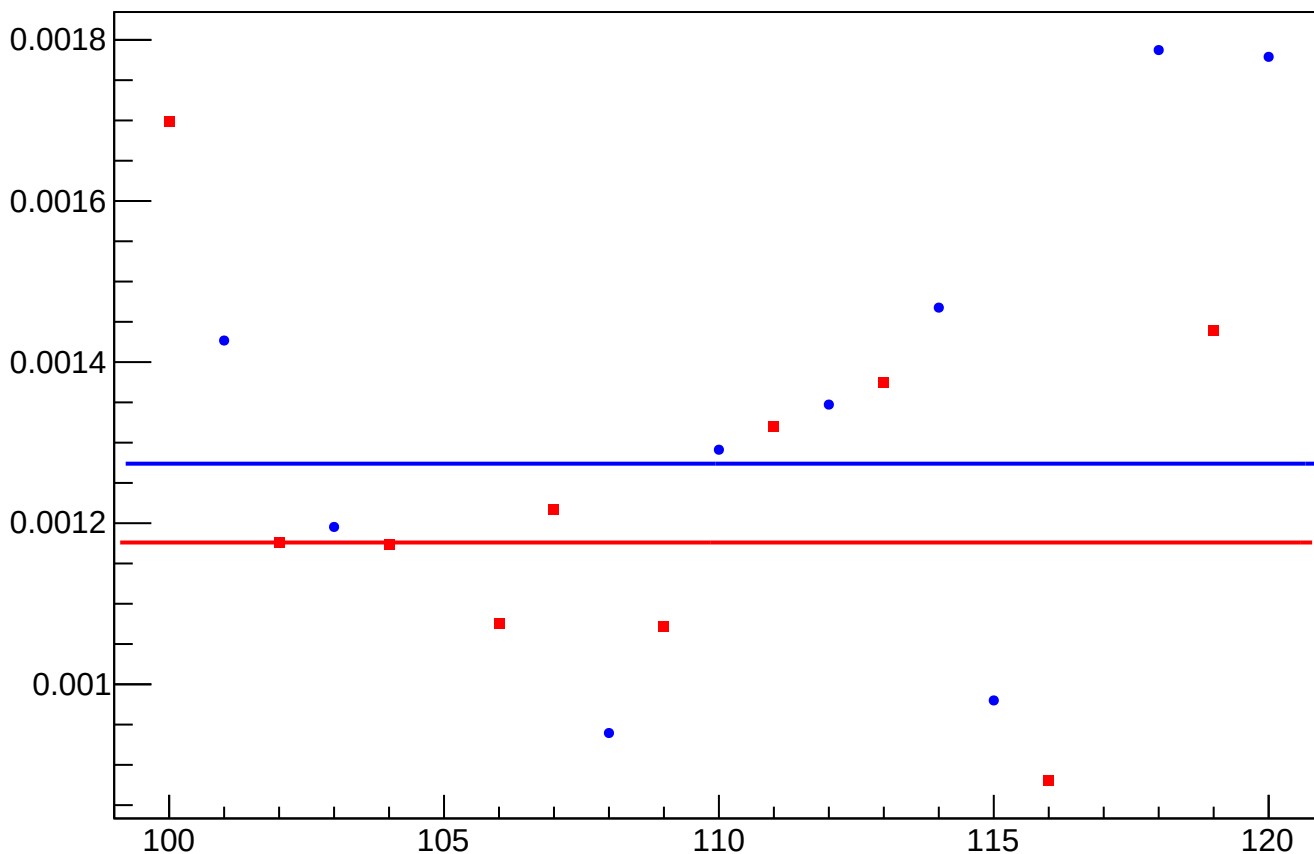
Right: -0.000+/-0.000 χ^2/NDF : 15.1/18

In: 0.000+/-0.000 χ^2/NDF : 6.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.1/18

asym_sam_15_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 298539.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 153222.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

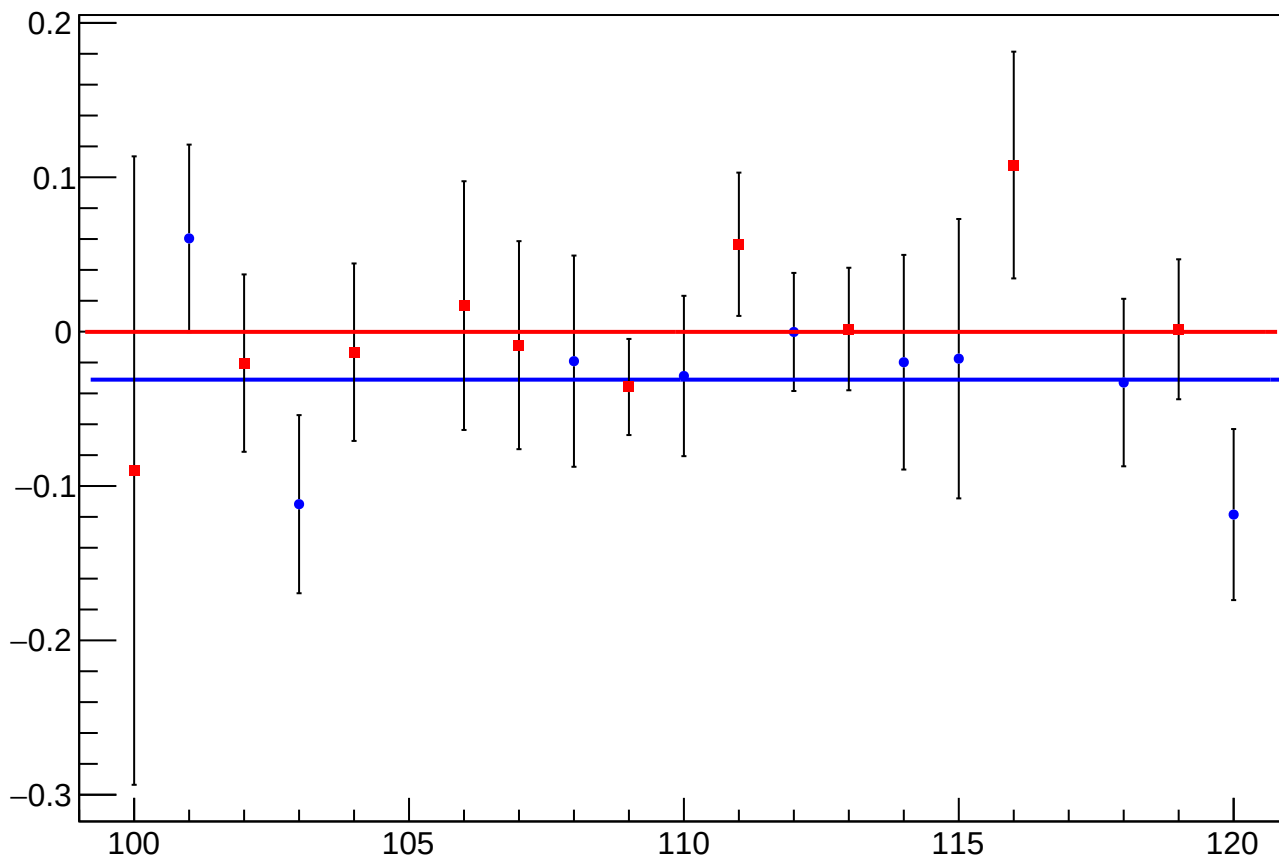
Right: 0.001+/-0.000 χ^2/NDF : 475456.5/18

In: 0.001+/-0.000 χ^2/NDF : 298539.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 475456.5/18

asym_sam_15_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031 $\pm$ 0.019 χ^2 /NDF: 7.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.016 χ^2 /NDF: 5.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

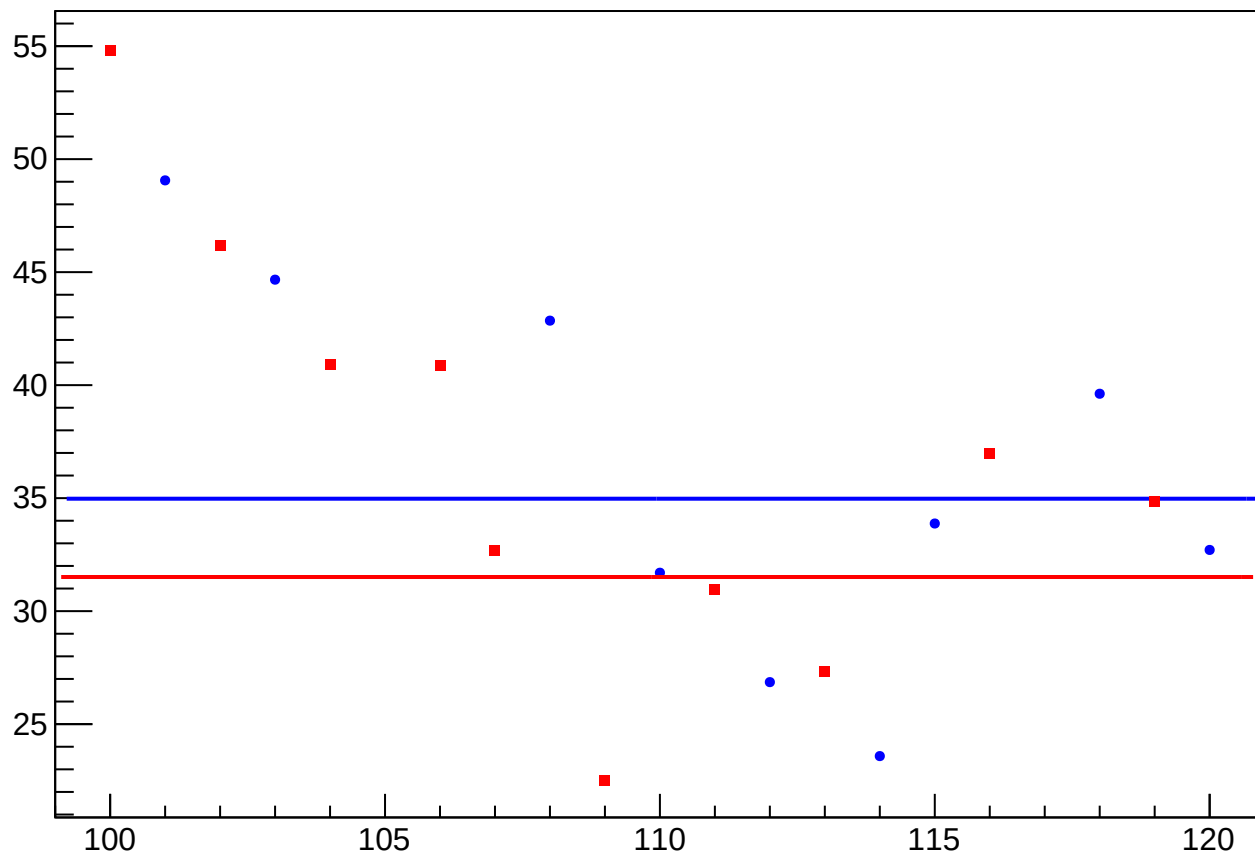
Right: -0.013 $\pm$ 0.012 χ^2 /NDF: 14.4/18

In: -0.031 $\pm$ 0.019 χ^2 /NDF:7.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.012 χ^2 /NDF: 14.4/18

asym_sam_15_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.975+/-0.013 χ^2/NDF : 360428.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.510+/-0.011 χ^2/NDF : 449289.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

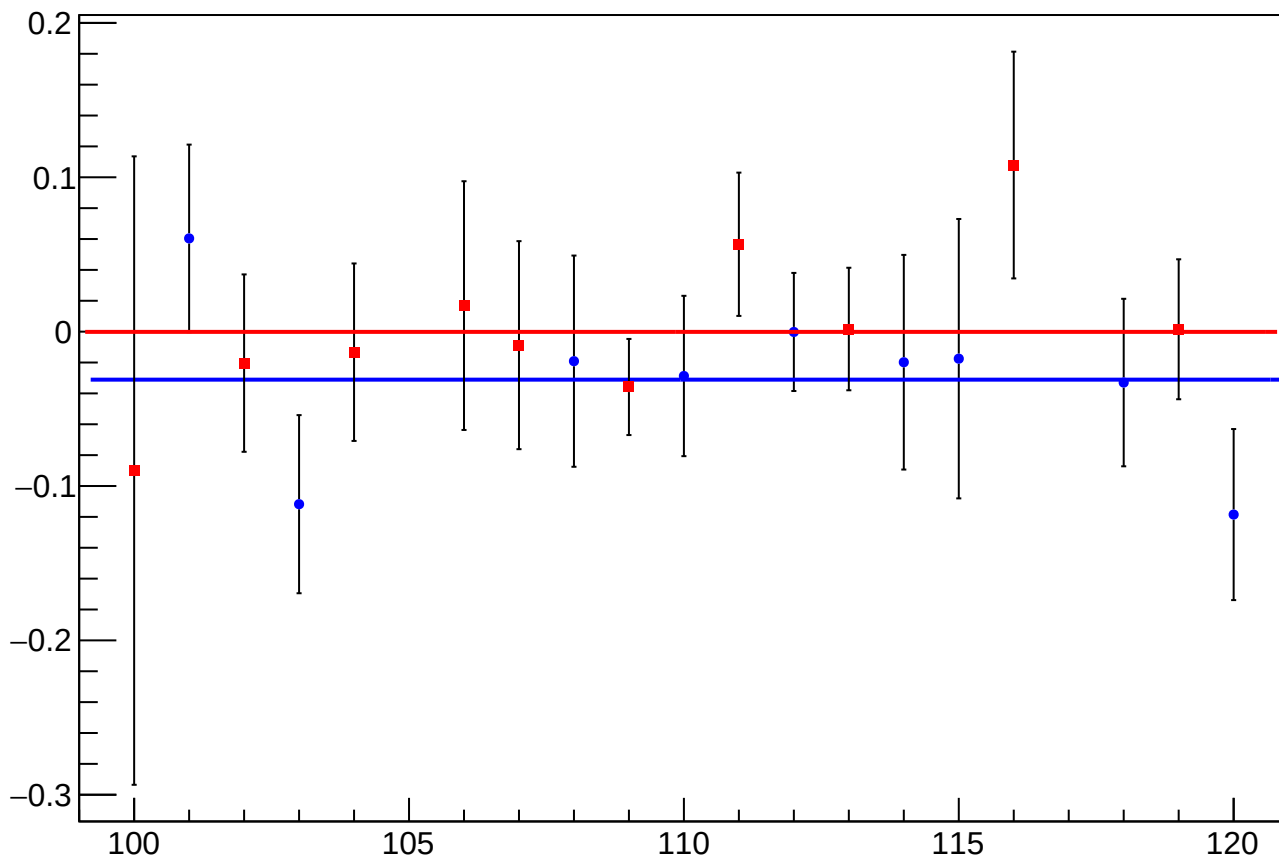
Right: 32.989+/-0.009 χ^2/NDF : 848714.8/18

In: 34.975+/-0.013 χ^2/NDF : 360428.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.989+/-0.009 χ^2/NDF : 848714.8/18

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031 $\pm$ 0.019 χ^2 /NDF: 7.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.016 χ^2 /NDF: 5.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

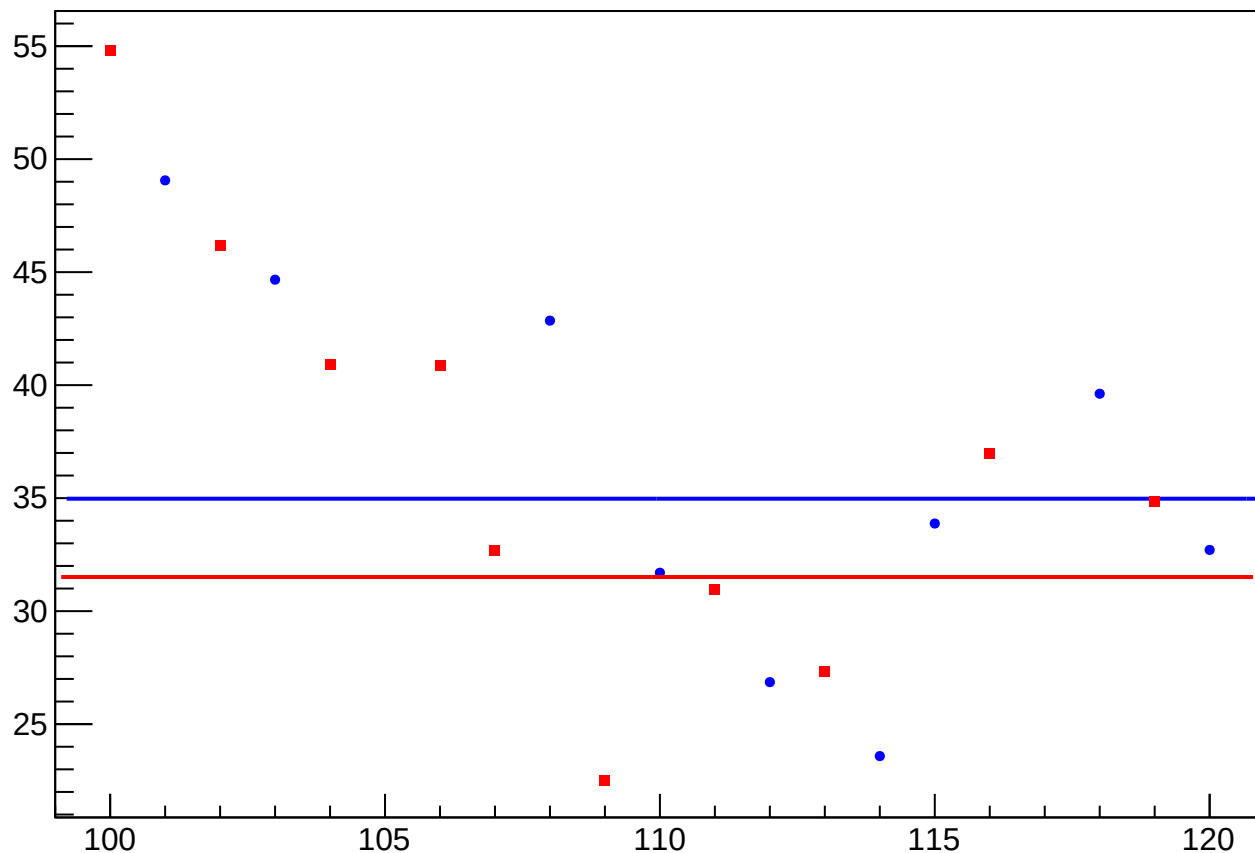
Right: -0.013 $\pm$ 0.012 χ^2 /NDF: 14.4/18

In: -0.031 $\pm$ 0.019 χ^2 /NDF:7.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.012 χ^2 /NDF: 14.4/18

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.975+/-0.013 χ^2/NDF : 360428.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.510+/-0.011 χ^2/NDF : 449289.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

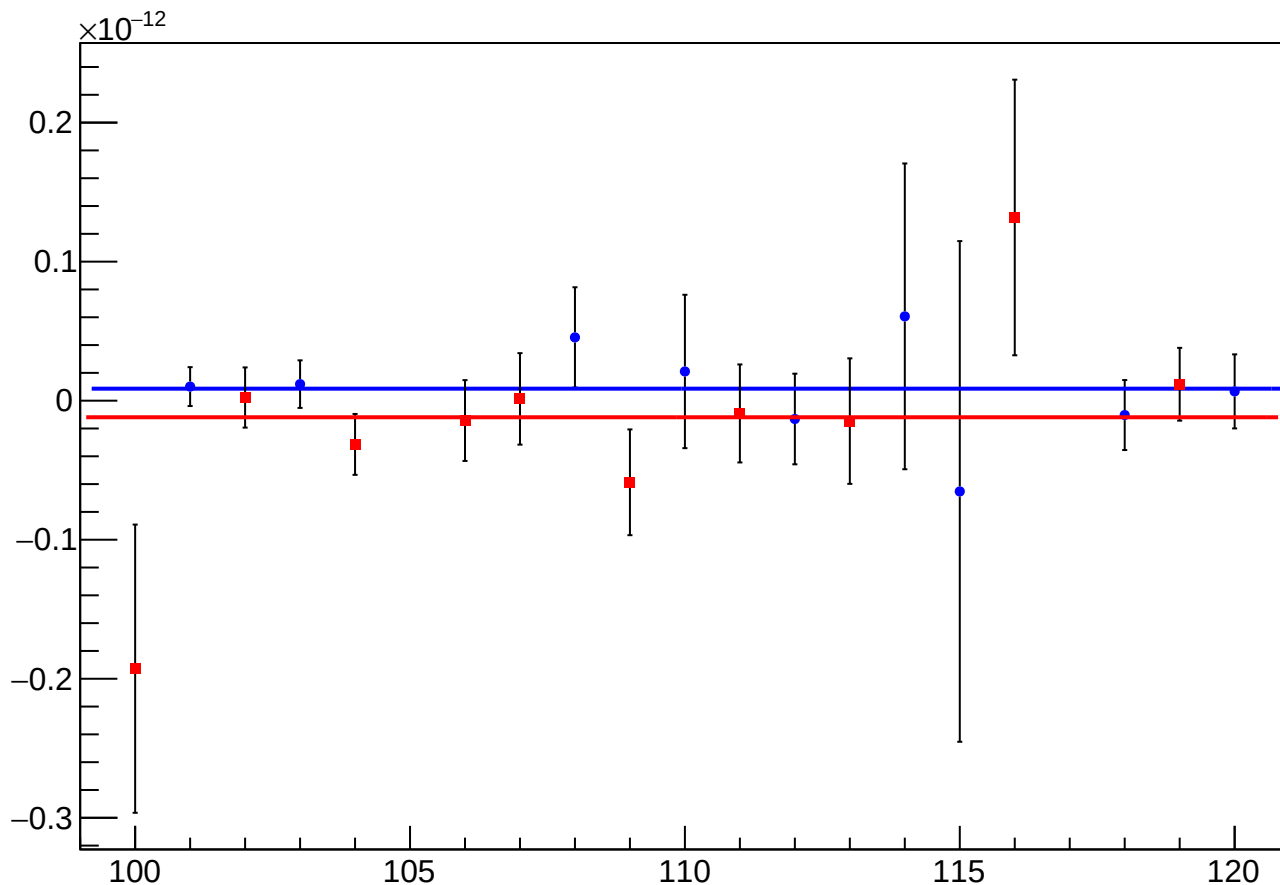
Right: 32.989+/-0.009 χ^2/NDF : 848714.8/18

In: 34.975+/-0.013 χ^2/NDF : 360428.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.989+/-0.009 χ^2/NDF : 848714.8/18

asym_sam_15_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

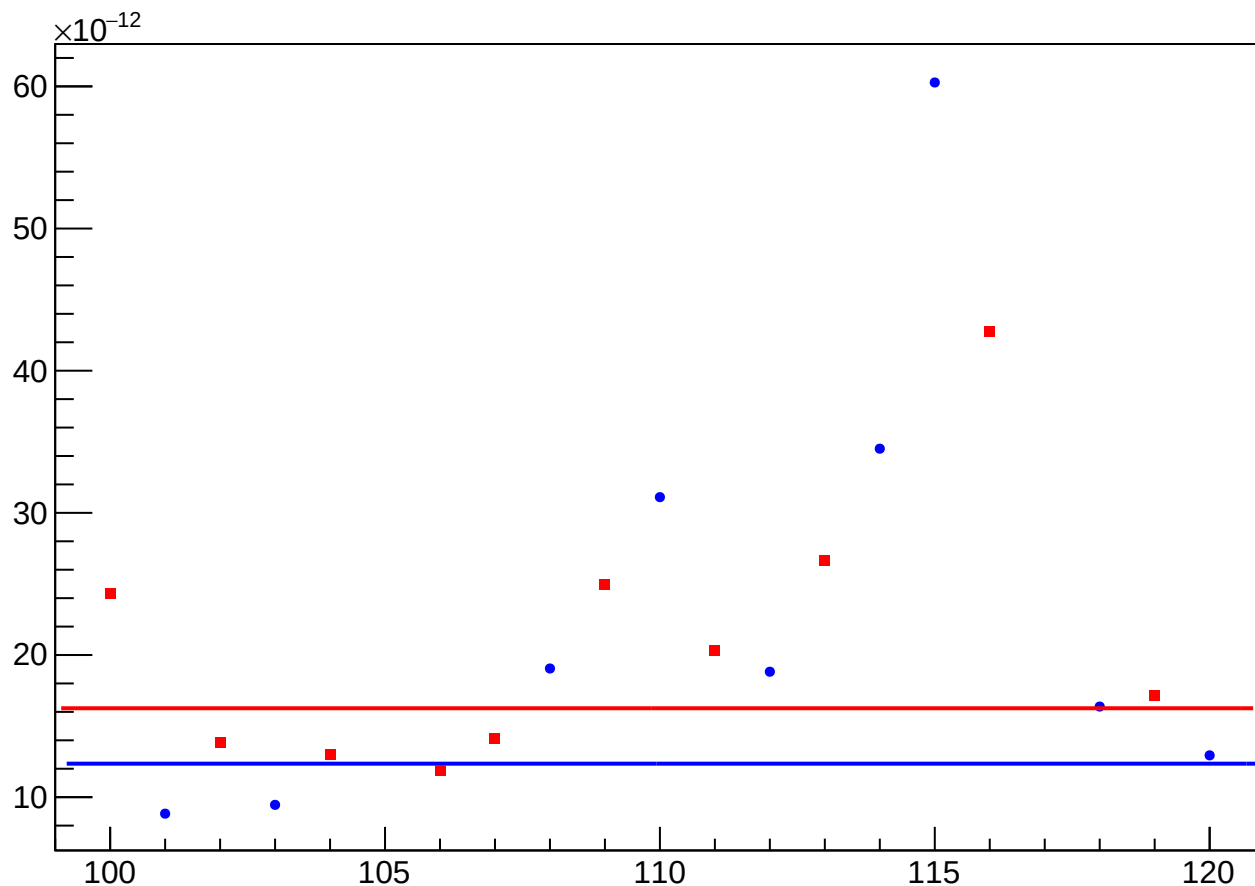
Right: -0.000+/-0.000 χ^2/NDF : 13.9/18

In: 0.000+/-0.000 χ^2/NDF : 2.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.9/18

asym_sam_15_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 837410.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 518791.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

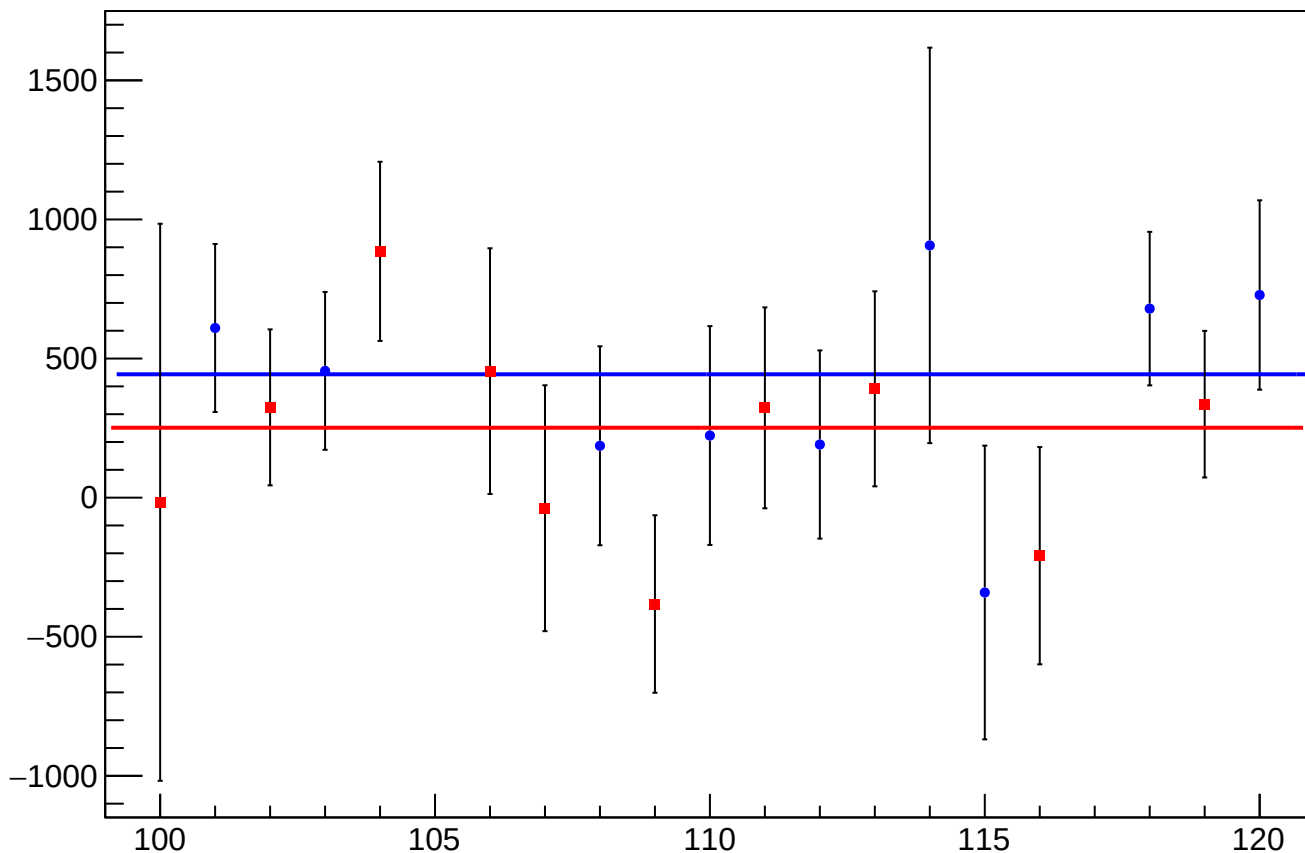
Right: 0.000+/-0.000 χ^2/NDF : 1531428.6/18

In: 0.000+/-0.000 χ^2/NDF : 837410.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1531428.6/18

reg_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 443.471 $\pm$ 116.463 χ^2 /NDF: 5.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 251.380 $\pm$ 111.663 χ^2 /NDF: 10.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

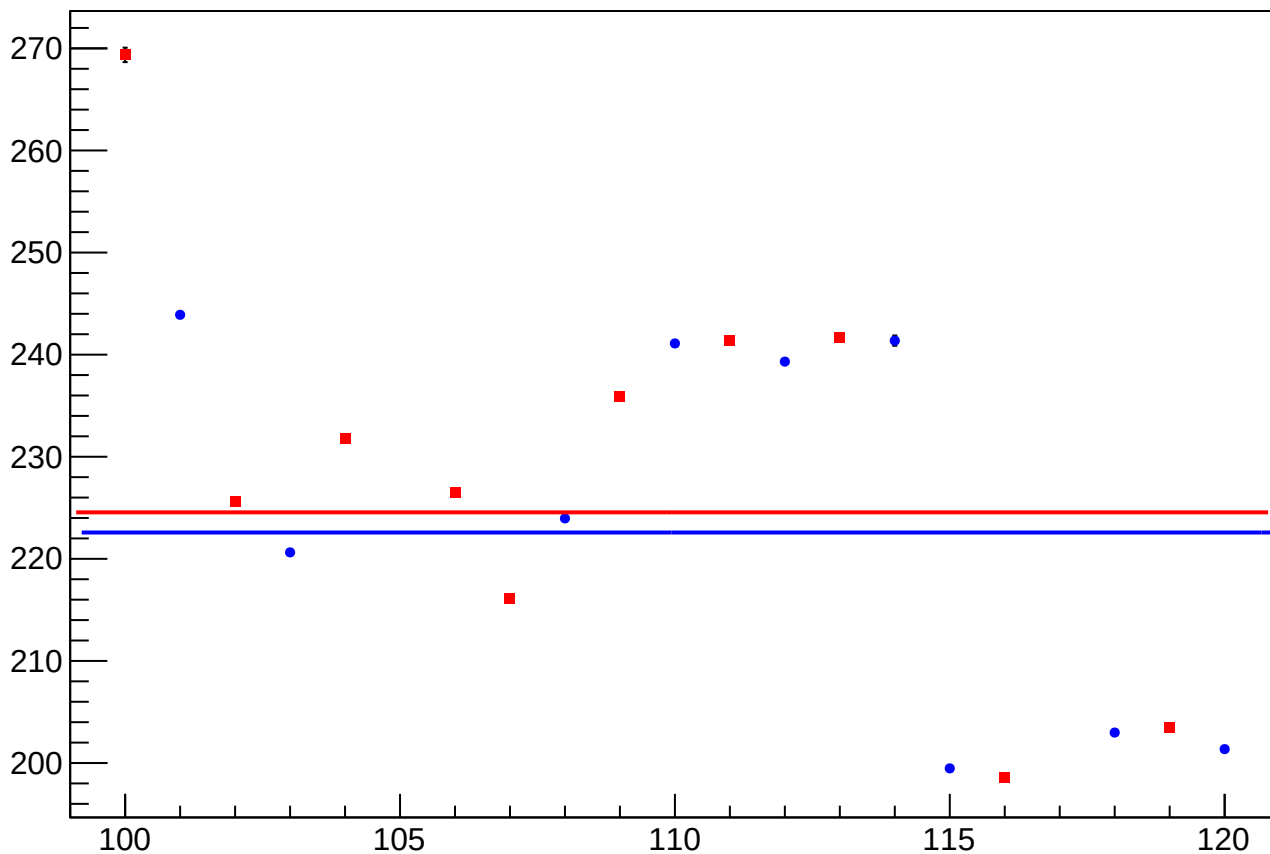
Right: 343.385 $\pm$ 80.601 χ^2 /NDF: 17.5/18

In: 443.471 $\pm$ 116.463 χ^2 /NDF:5.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 343.385 $\pm$ 80.601 χ^2 /NDF: 17.5/18

reg_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 222.580+/-0.082 χ^2/NDF : 42502.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 224.553+/-0.079 χ^2/NDF : 39148.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

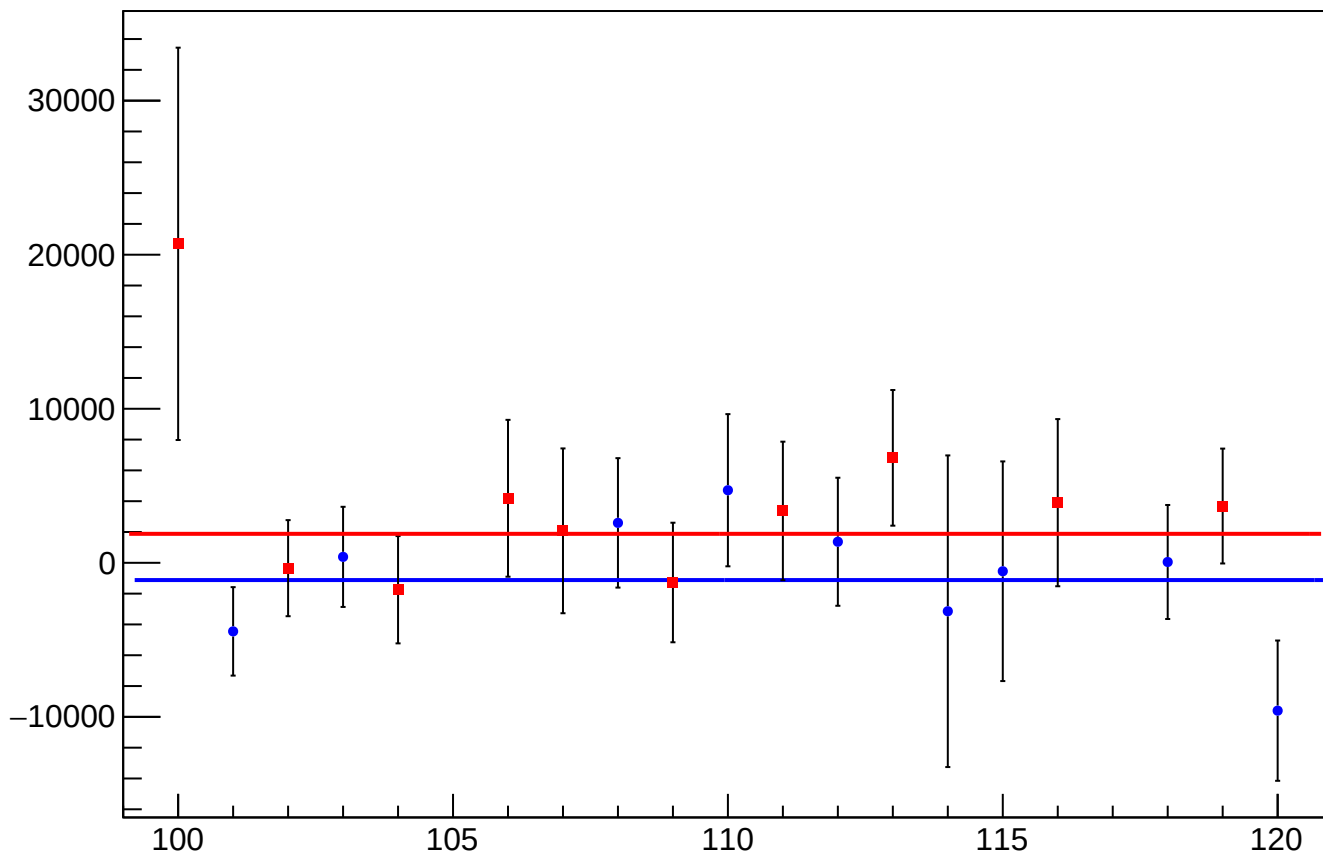
Right: 223.608+/-0.057 χ^2/NDF : 81950.1/18

In: 222.580+/-0.082 χ^2/NDF : 42502.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 223.608+/-0.057 χ^2/NDF : 81950.1/18

asym_sam_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -1119.936+/-1383.806 χ^2/NDF : 7.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1881.437+/-1362.952 χ^2/NDF : 6.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

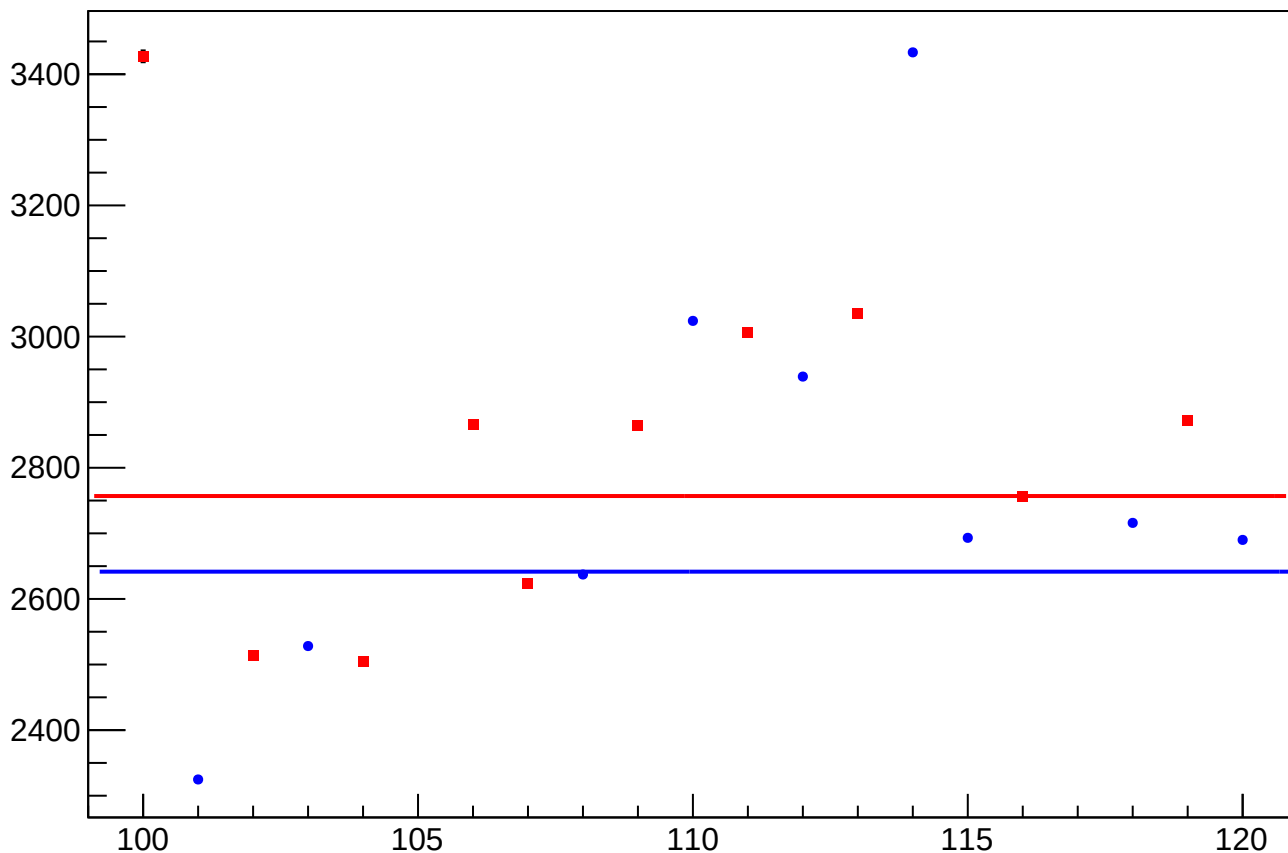
Right: 403.536+/-971.041 χ^2/NDF : 16.5/18

In: -1119.936+/-1383.806 χ^2/NDF : 7.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 403.536+/-971.041 χ^2/NDF : 16.5/18

asym_sam_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2641.604+/-0.978 χ^2/NDF : 62411.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2756.915+/-0.964 χ^2/NDF : 48070.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

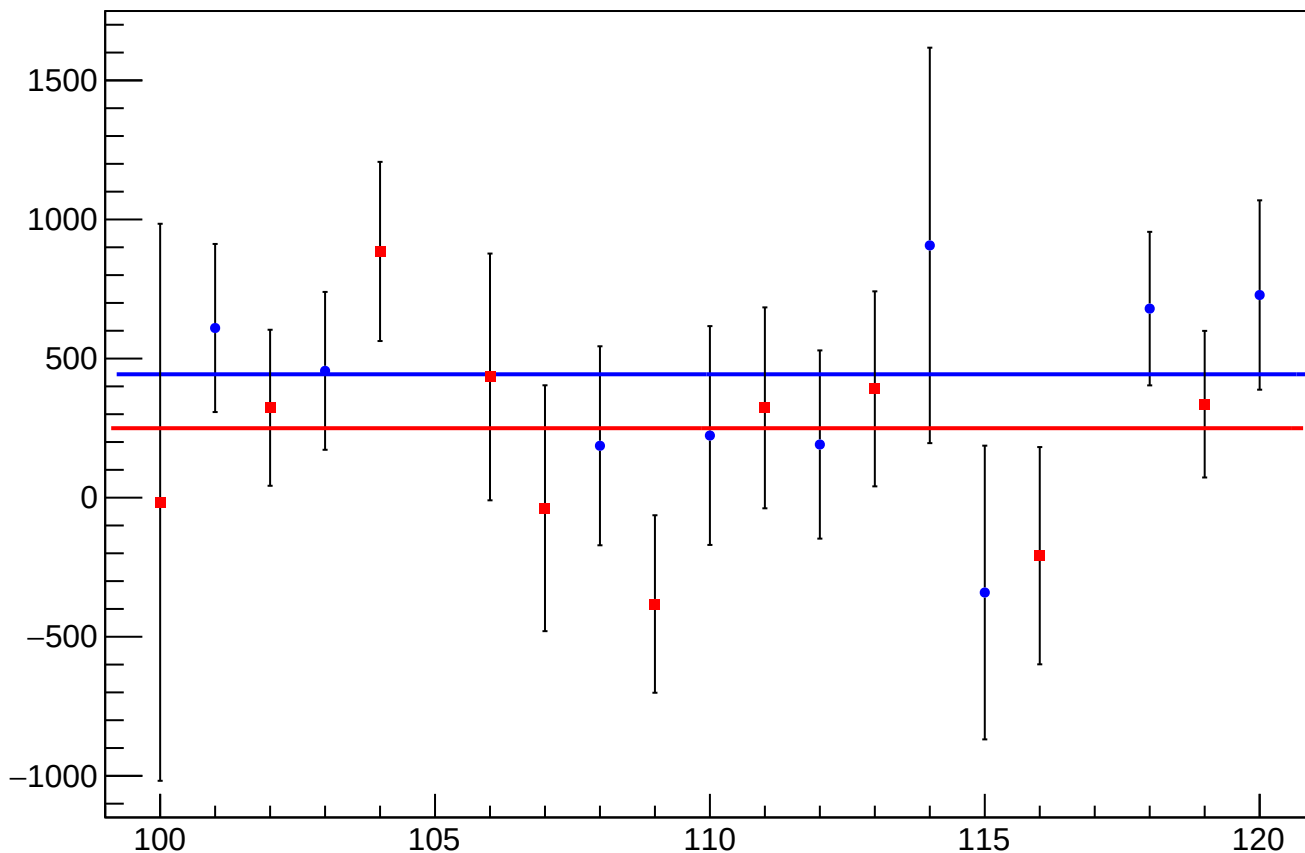
Right: 2700.135+/-0.687 χ^2/NDF : 117531.3/18

In: 2641.604+/-0.978 χ^2/NDF : 62411.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2700.135+/-0.687 χ^2/NDF : 117531.3/18

cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 443.505 $\pm$ 116.463 χ^2 /NDF: 5.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 249.698 $\pm$ 111.697 χ^2 /NDF: 10.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

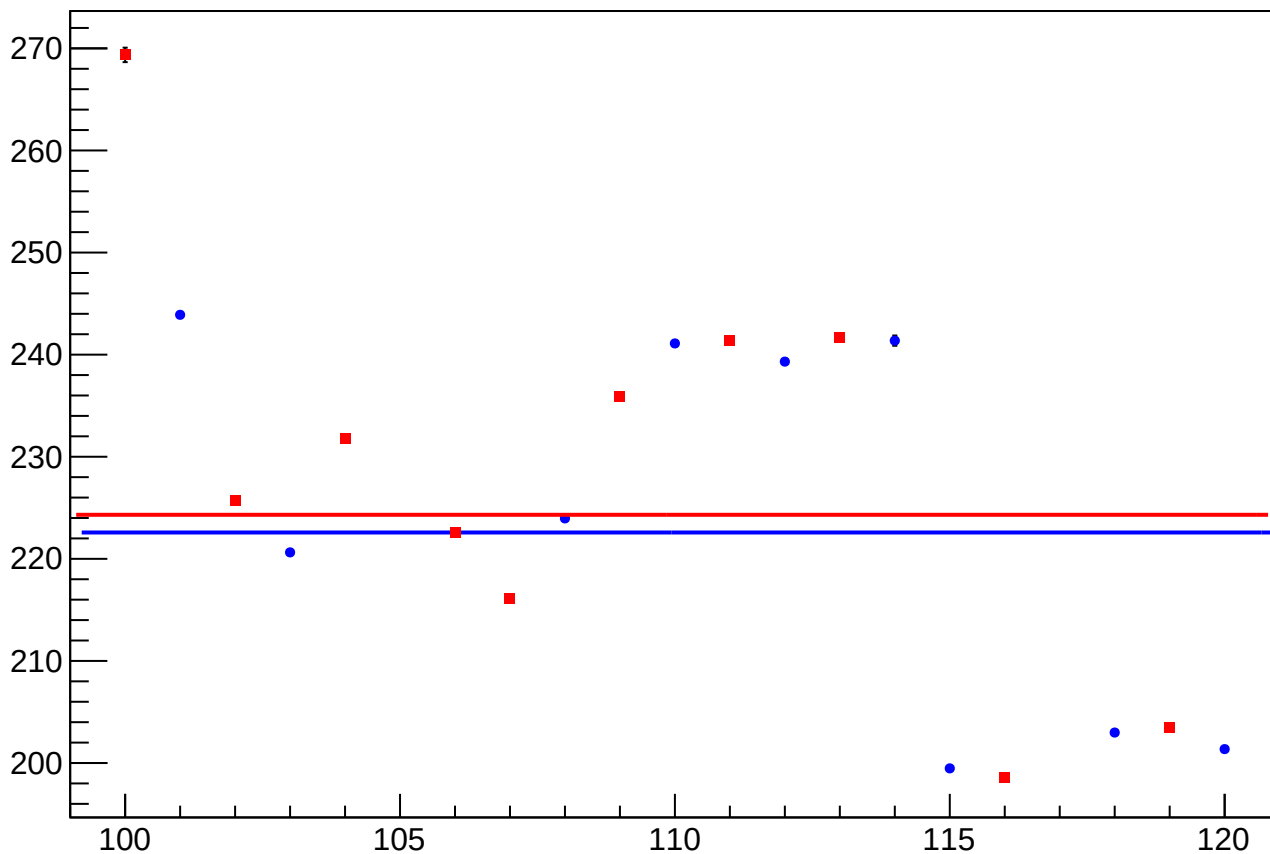
Right: 342.555 $\pm$ 80.614 χ^2 /NDF: 17.4/18

In: 443.505 $\pm$ 116.463 χ^2 /NDF:5.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 342.555 $\pm$ 80.614 χ^2 /NDF: 17.4/18

cor_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 222.580+/-0.082 χ^2/NDF : 42502.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 224.313+/-0.079 χ^2/NDF : 39147.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

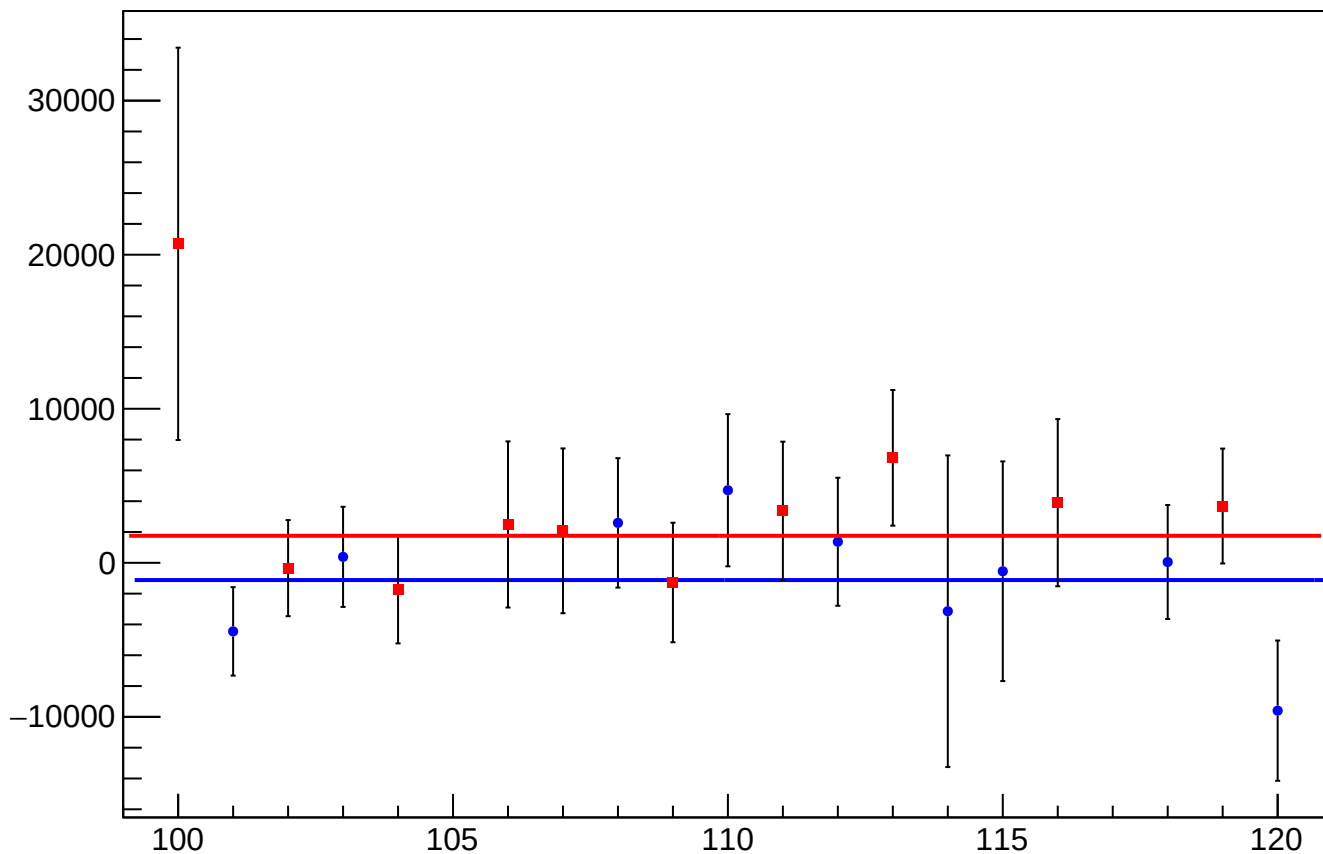
Right: 223.483+/-0.057 χ^2/NDF : 81880.4/18

In: 222.580+/-0.082 χ^2/NDF : 42502.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 223.483+/-0.057 χ^2/NDF : 81880.4/18

asym_sam_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -1119.805 $\pm$ 1383.812 χ^2 /NDF: 7.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1754.622 $\pm$ 1368.387 χ^2 /NDF: 6.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

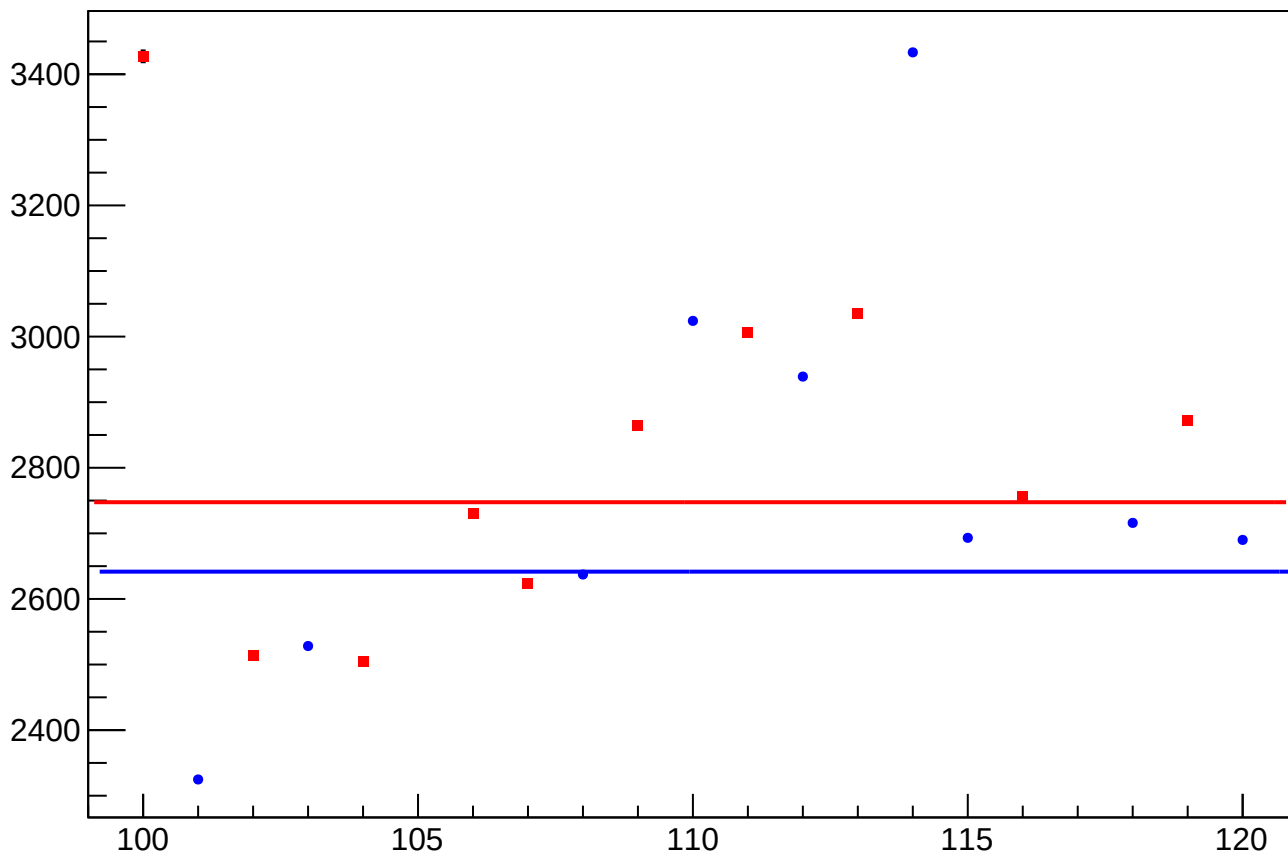
Right: 333.518 $\pm$ 973.004 χ^2 /NDF: 16.1/18

In: -1119.805 $\pm$ 1383.812 χ^2 /NDF: 7.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 333.518 $\pm$ 973.004 χ^2 /NDF: 16.1/18

asym_sam_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2641.616+/-0.979 χ^2/NDF : 62409.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2747.485+/-0.968 χ^2/NDF : 46990.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

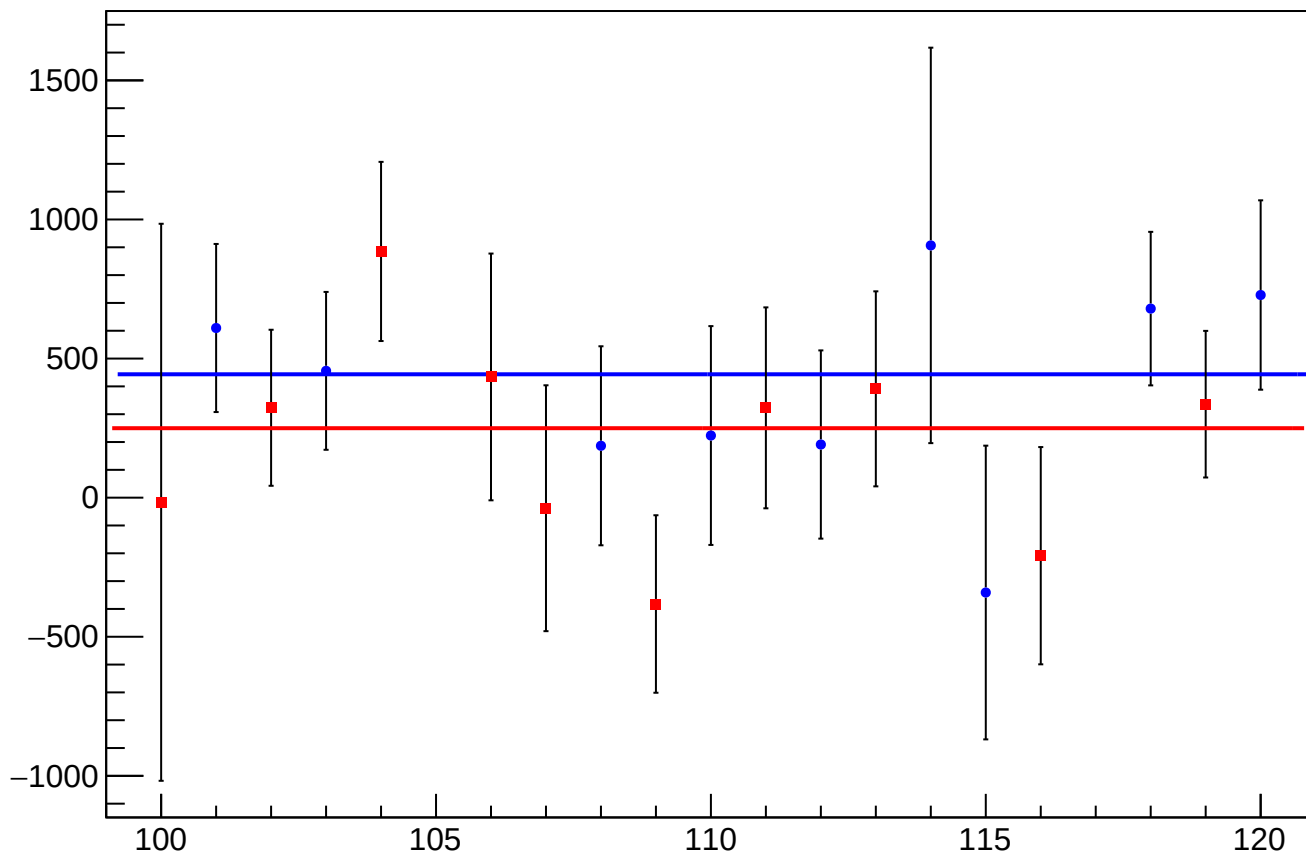
Right: 2695.144+/-0.688 χ^2/NDF : 115318.4/18

In: 2641.616+/-0.979 χ^2/NDF : 62409.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2695.144+/-0.688 χ^2/NDF : 115318.4/18

eigen_cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 443.505 $\pm$ 116.463 χ^2 /NDF: 5.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 249.698 $\pm$ 111.697 χ^2 /NDF: 10.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

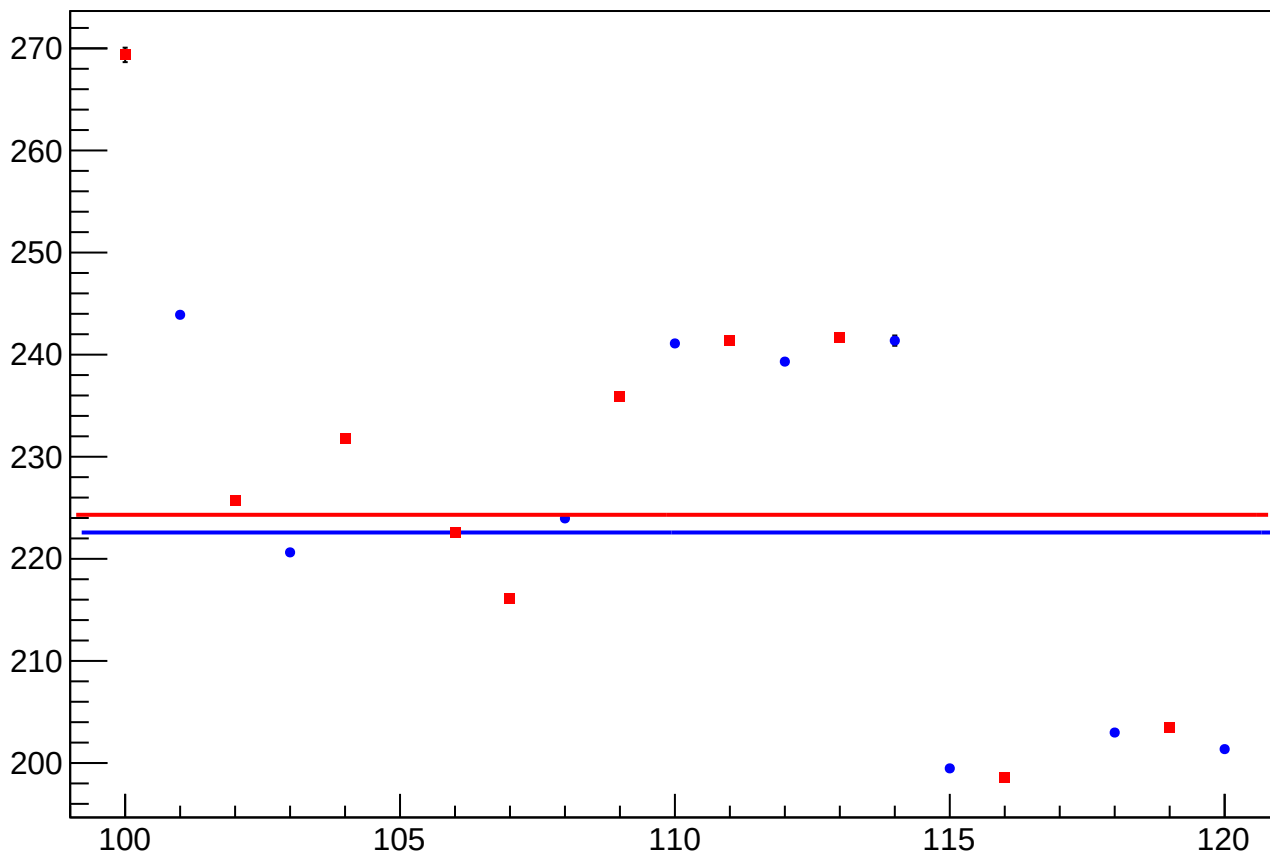
Right: 342.555 $\pm$ 80.614 χ^2 /NDF: 17.4/18

In: 443.505 $\pm$ 116.463 χ^2 /NDF:5.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 342.555 $\pm$ 80.614 χ^2 /NDF: 17.4/18

eigen_cor_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 222.580+/-0.082 χ^2/NDF : 42502.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 224.313+/-0.079 χ^2/NDF : 39147.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

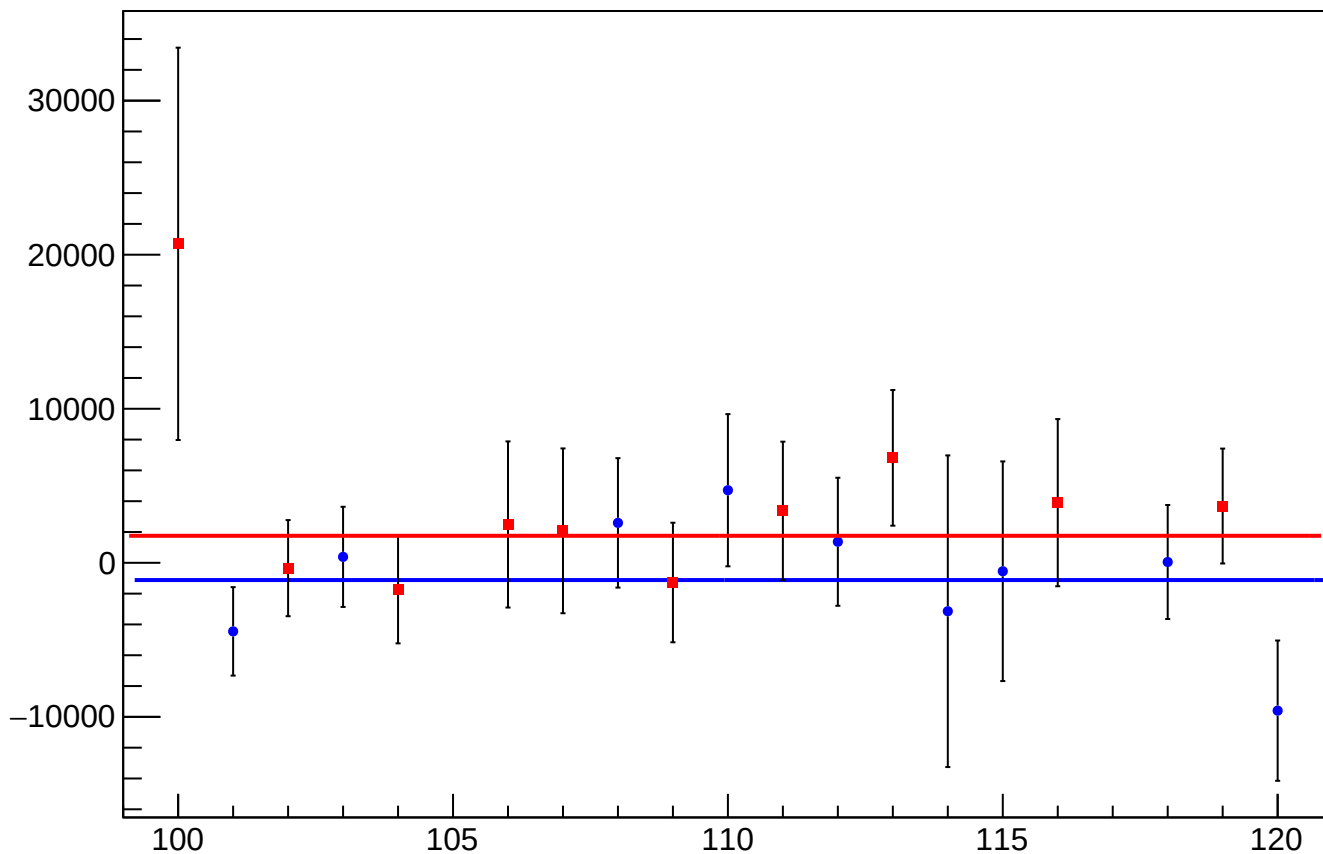
Right: 223.483+/-0.057 χ^2/NDF : 81880.4/18

In: 222.580+/-0.082 χ^2/NDF : 42502.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 223.483+/-0.057 χ^2/NDF : 81880.4/18

asym_sam_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1119.805+/-1383.812 χ^2/NDF : 7.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1754.622+/-1368.387 χ^2/NDF : 6.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

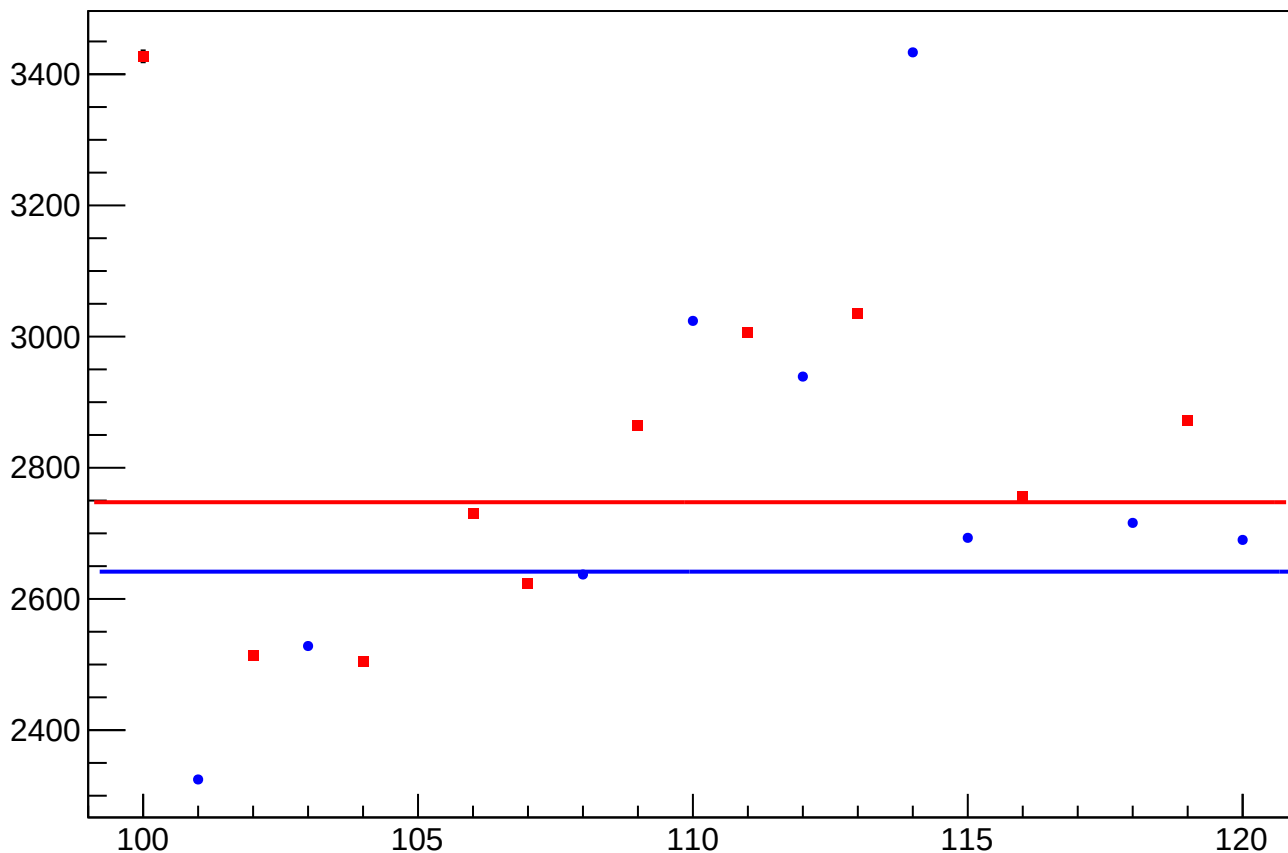
Right: 333.518+/-973.004 χ^2/NDF : 16.1/18

In: -1119.805+/-1383.812 χ^2/NDF : 7.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 333.518+/-973.004 χ^2/NDF : 16.1/18

asym_sam_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2641.616+/-0.979 χ^2/NDF : 62409.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2747.485+/-0.968 χ^2/NDF : 46990.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

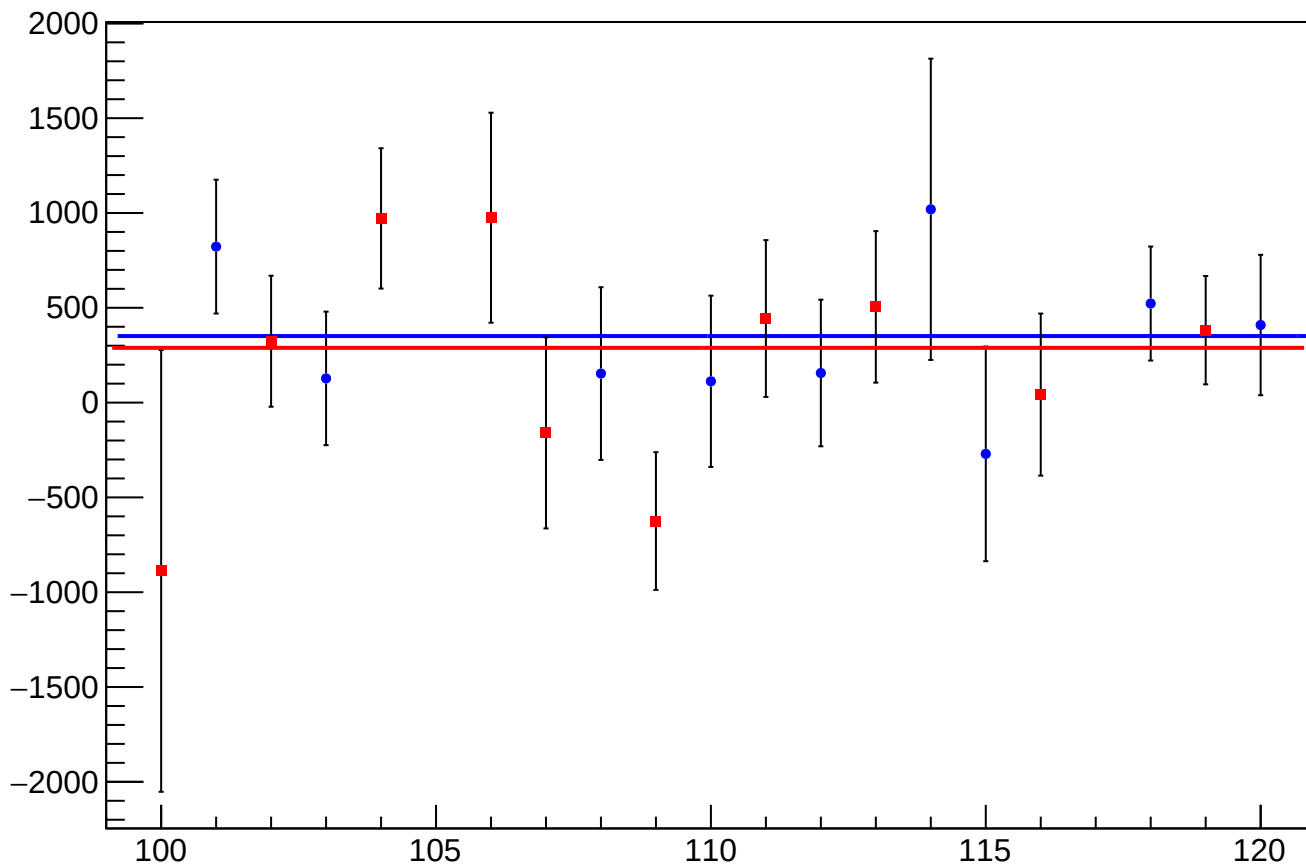
Right: 2695.144+/-0.688 χ^2/NDF : 115318.4/18

In: 2641.616+/-0.979 χ^2/NDF : 62409.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2695.144+/-0.688 χ^2/NDF : 115318.4/18

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 350.994+/-134.141 χ^2/NDF : 5.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 288.889+/-127.998 χ^2/NDF : 14.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

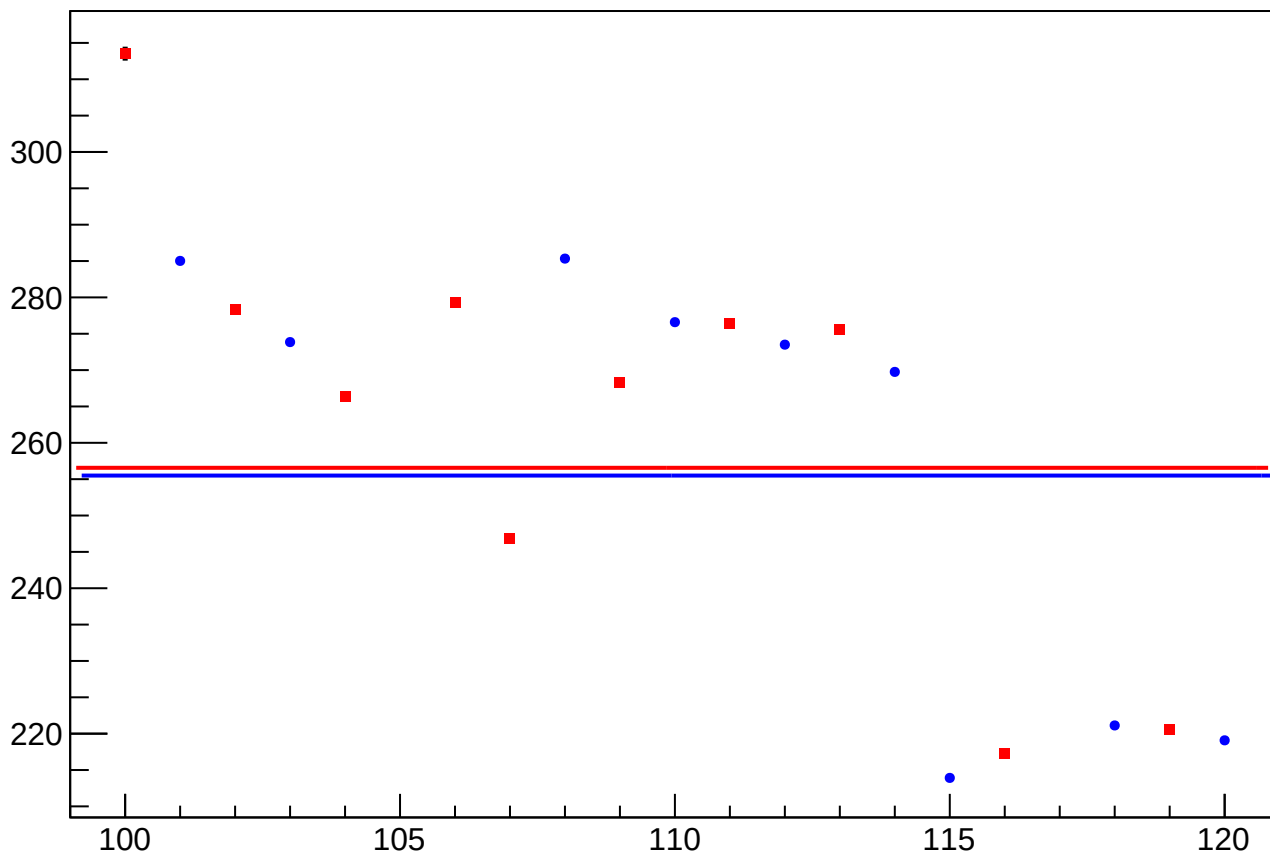
Right: 318.487+/-92.604 χ^2/NDF : 19.2/18

In: 350.994+/-134.141 χ^2/NDF : 5.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 318.487+/-92.604 χ^2/NDF : 19.2/18

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 255.496 $\pm$ 0.095 χ^2 /NDF: 93635.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 256.564 $\pm$ 0.091 χ^2 /NDF: 78126.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

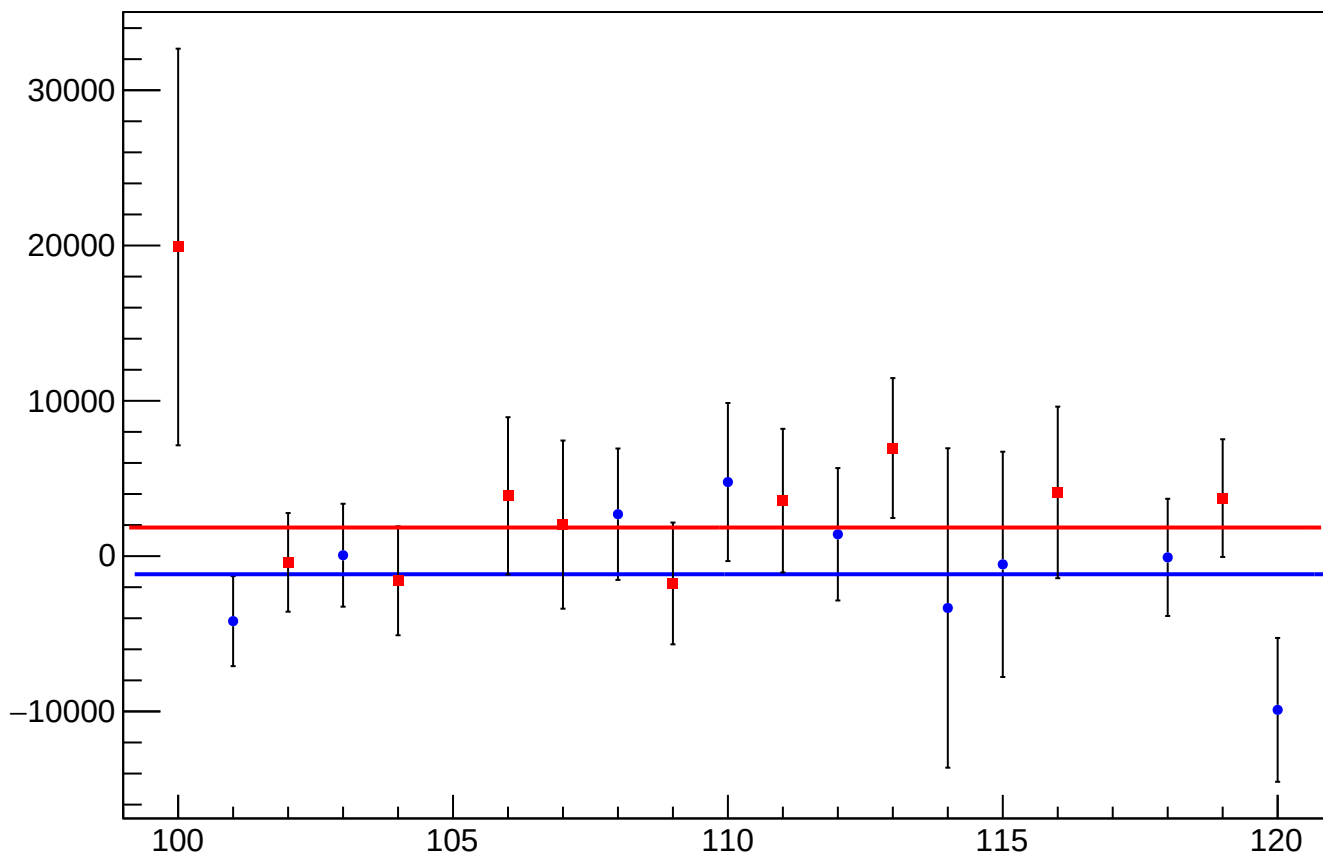
Right: 256.055 $\pm$ 0.065 χ^2 /NDF: 171827.5/18

In: 255.496 $\pm$ 0.095 χ^2 /NDF: 93635.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 256.055 $\pm$ 0.065 χ^2 /NDF: 171827.5/18

asym_sam_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -1166.659+/-1407.485 χ^2/NDF : 7.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1842.534+/-1382.576 χ^2/NDF : 6.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

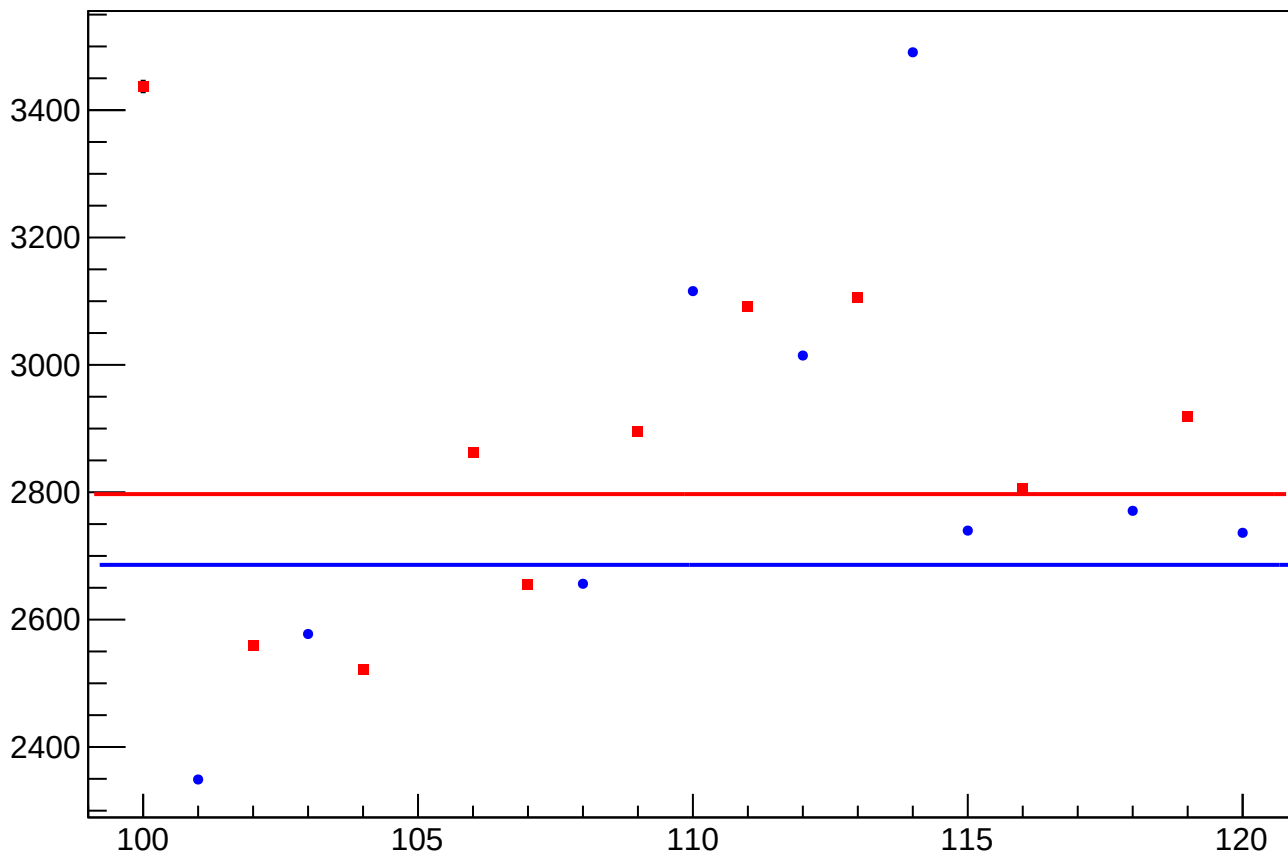
Right: 364.801+/-986.318 χ^2/NDF : 16.1/18

In: -1166.659+/-1407.485 χ^2/NDF : 7.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 364.801+/-986.318 χ^2/NDF : 16.1/18

asym_sam_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2685.978+/-0.995 χ^2/NDF : 69019.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2797.094+/-0.978 χ^2/NDF : 50956.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

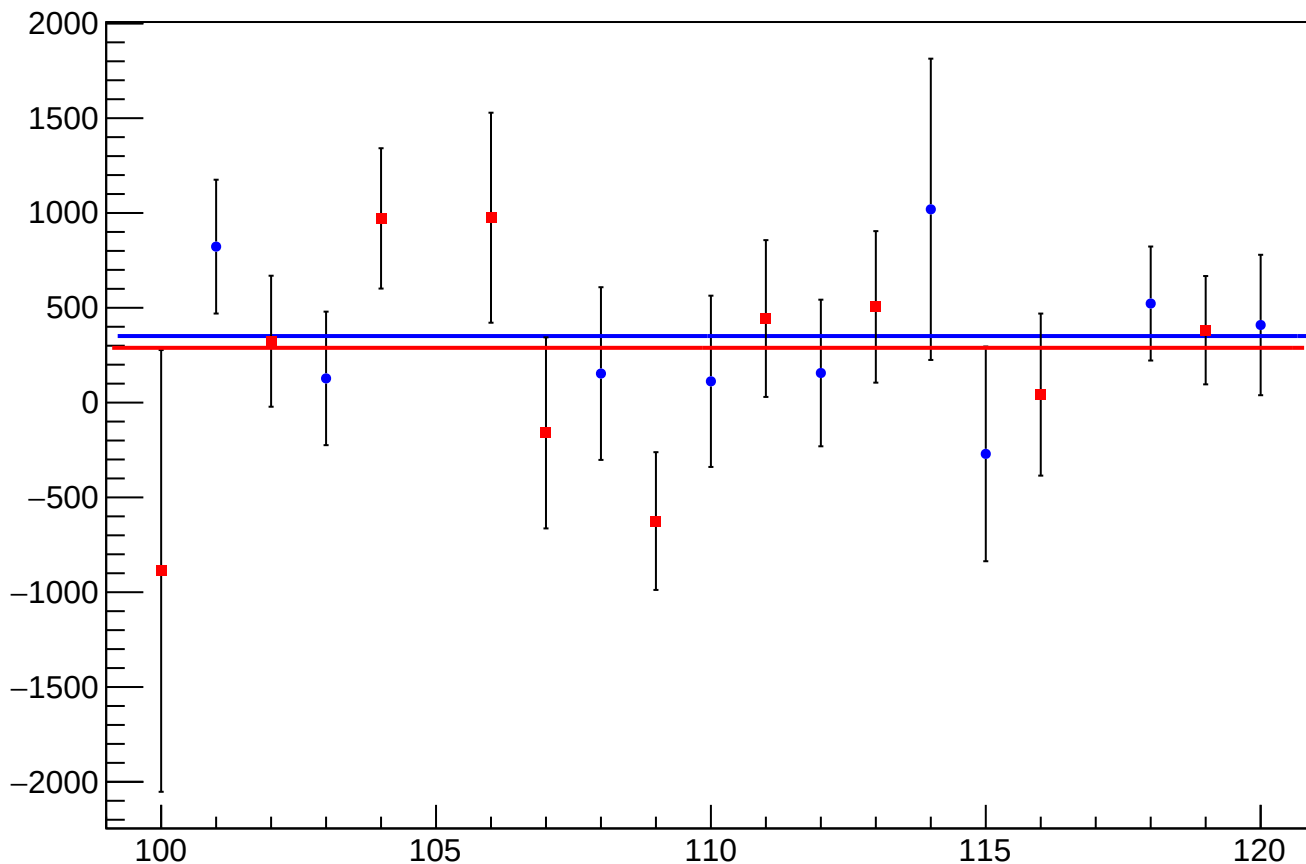
Right: 2742.528+/-0.697 χ^2/NDF : 126319.6/18

In: 2685.978+/-0.995 χ^2/NDF : 69019.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2742.528+/-0.697 χ^2/NDF : 126319.6/18

eigen_dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 350.993 $\pm$ 134.140 χ^2 /NDF: 5.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 288.882 $\pm$ 127.998 χ^2 /NDF: 14.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

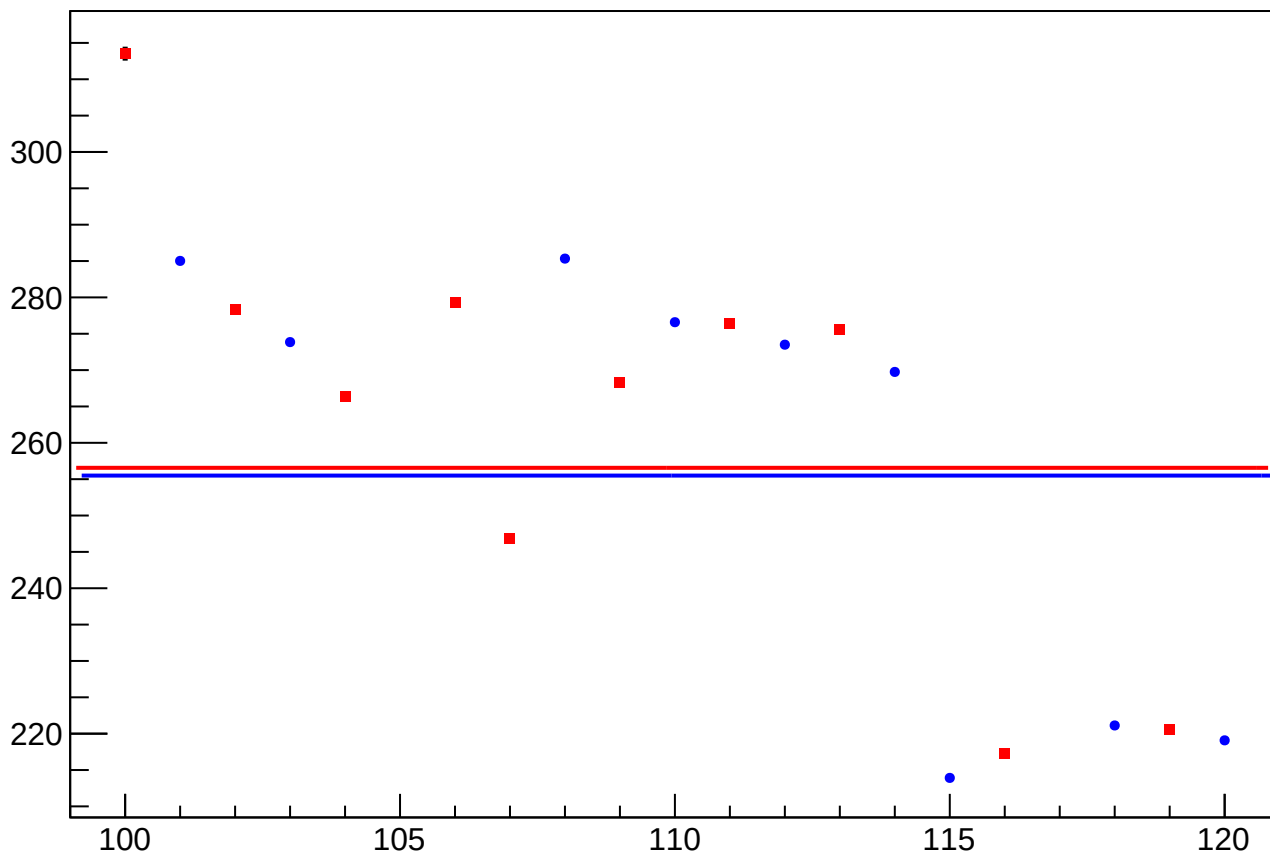
Right: 318.483 $\pm$ 92.603 χ^2 /NDF: 19.2/18

In: 350.993 $\pm$ 134.140 χ^2 /NDF:5.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 318.483 $\pm$ 92.603 χ^2 /NDF: 19.2/18

eigen_dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 255.494+/-0.095 χ^2/NDF : 93634.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 256.563+/-0.091 χ^2/NDF : 78123.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

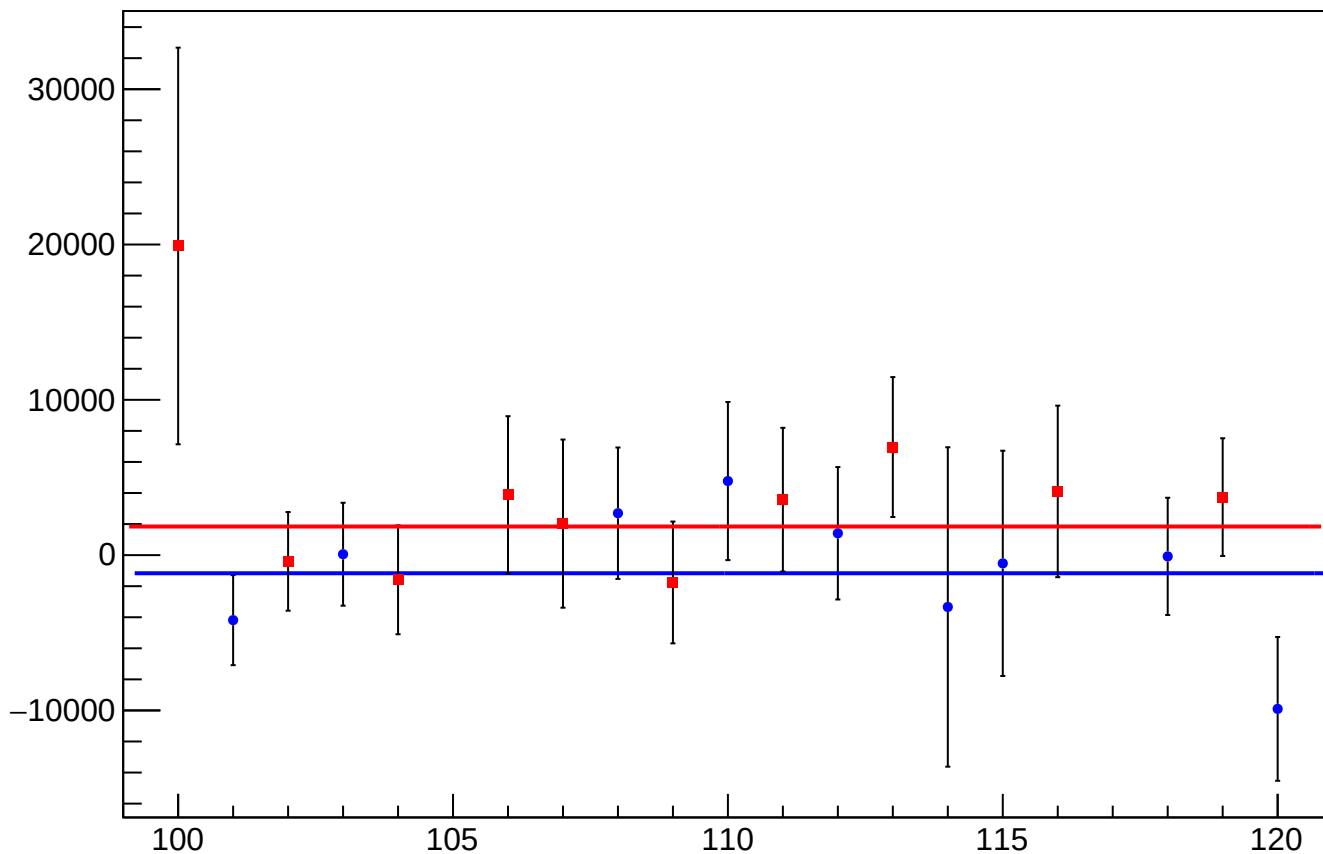
Right: 256.053+/-0.065 χ^2/NDF : 171824.2/18

In: 255.494+/-0.095 χ^2/NDF : 93634.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 256.053+/-0.065 χ^2/NDF : 171824.2/18

asym_sam_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1166.656+/-1407.482 χ^2/NDF : 7.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1842.529+/-1382.572 χ^2/NDF : 6.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

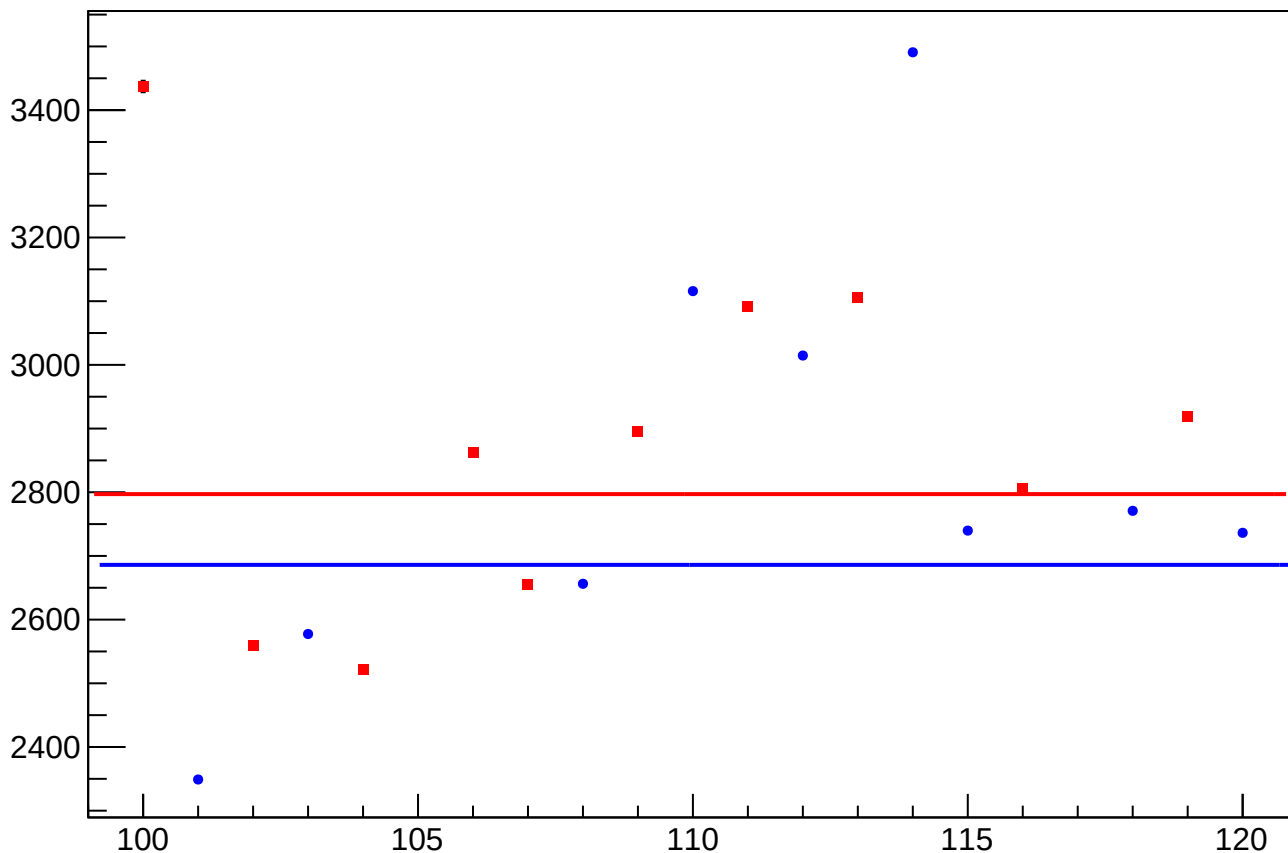
Right: 364.800+/-986.315 χ^2/NDF : 16.1/18

In: -1166.656+/-1407.482 χ^2/NDF : 7.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 364.800+/-986.315 χ^2/NDF : 16.1/18

asym_sam_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2685.972+/-0.995 χ^2/NDF : 69018.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2797.086+/-0.978 χ^2/NDF : 50955.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

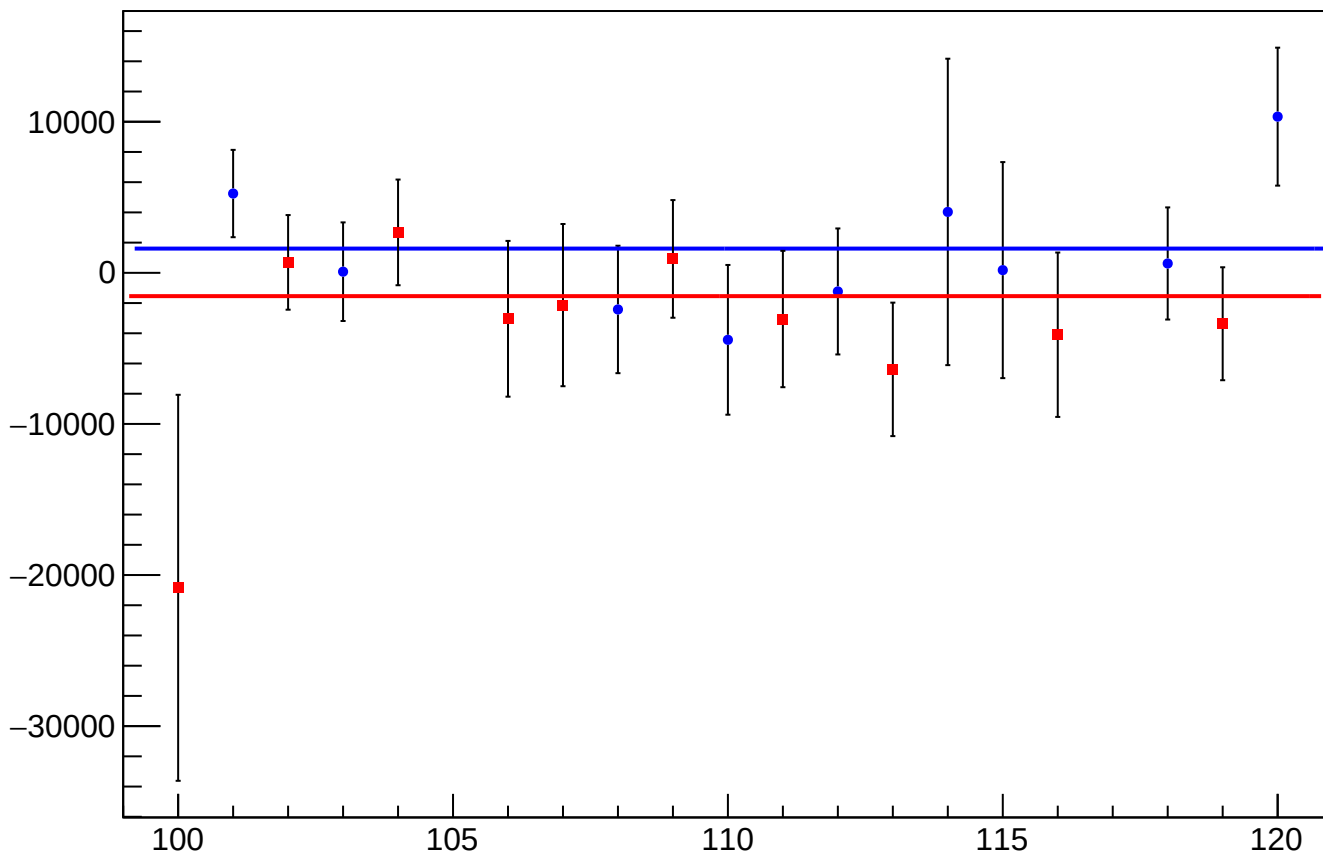
Right: 2742.521+/-0.697 χ^2/NDF : 126317.4/18

In: 2685.972+/-0.995 χ^2/NDF : 69018.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2742.521+/-0.697 χ^2/NDF : 126317.4/18

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1605.334+/-1389.361 χ^2/NDF : 8.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1542.109+/-1368.592 χ^2/NDF : 6.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

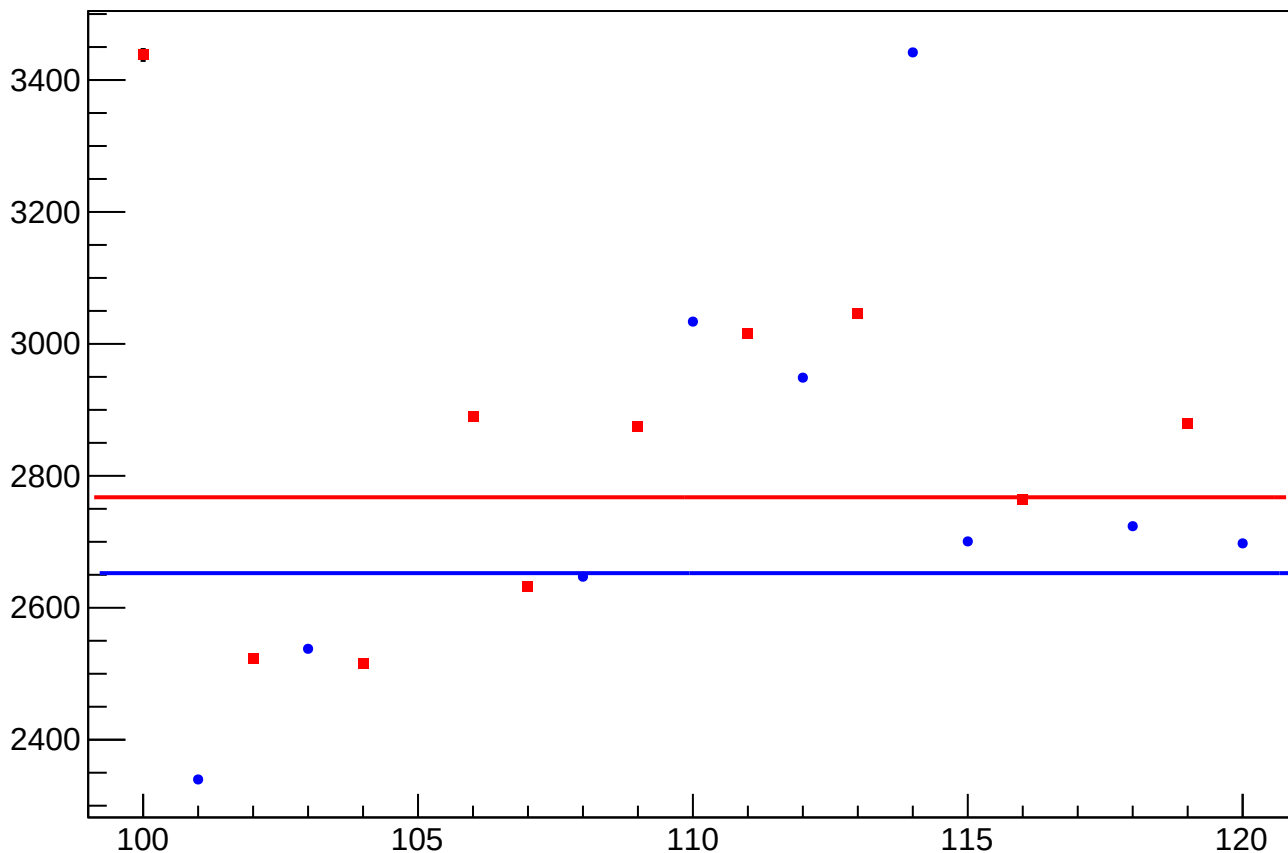
Right: 7.912+/-975.000 χ^2/NDF : 17.6/18

In: 1605.334+/-1389.361 χ^2/NDF : 8.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.912+/-975.000 χ^2/NDF : 17.6/18

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2652.507+/-0.982 χ^2/NDF : 60980.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2767.526+/-0.968 χ^2/NDF : 47749.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

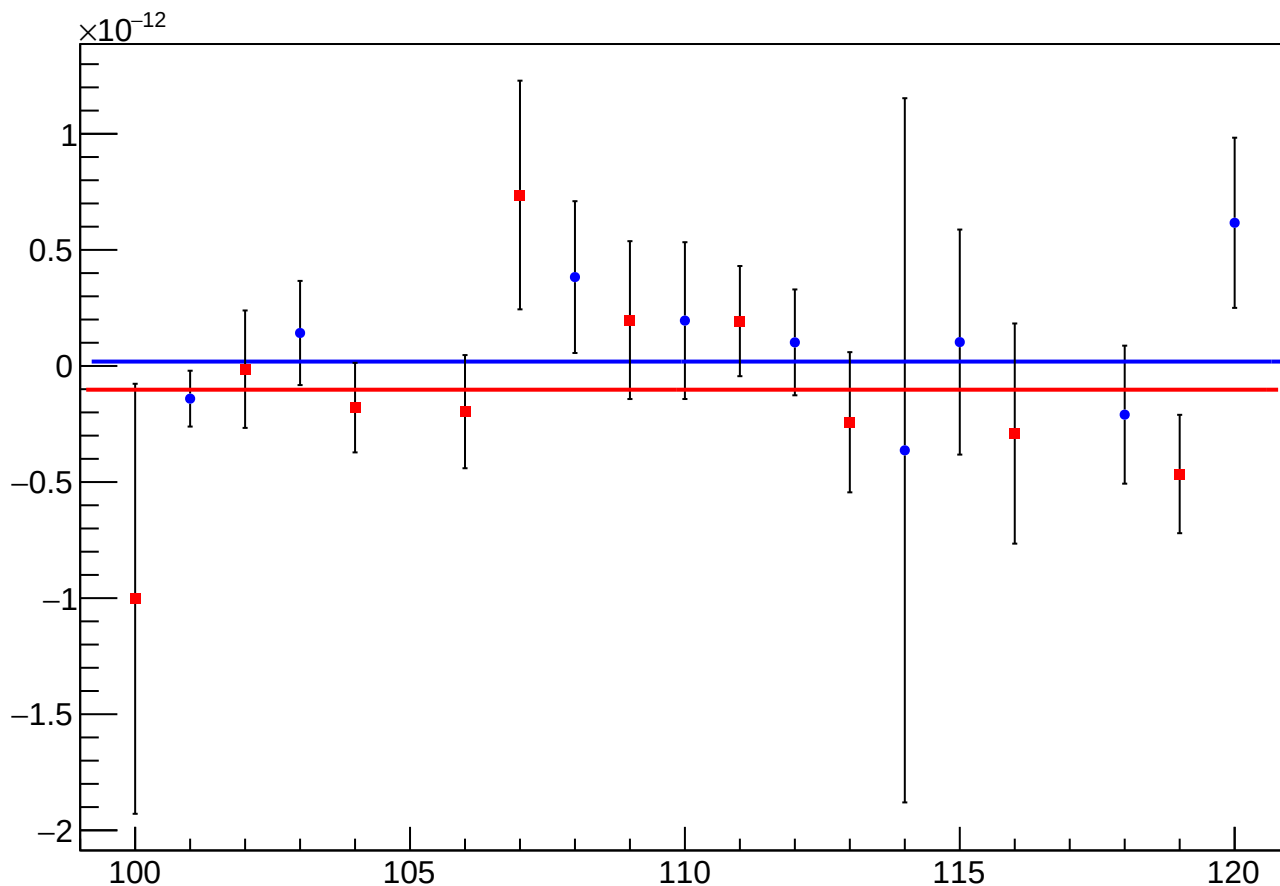
Right: 2710.883+/-0.689 χ^2/NDF : 115686.7/18

In: 2652.507+/-0.982 χ^2/NDF : 60980.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2710.883+/-0.689 χ^2/NDF : 115686.7/18

asym_sam_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

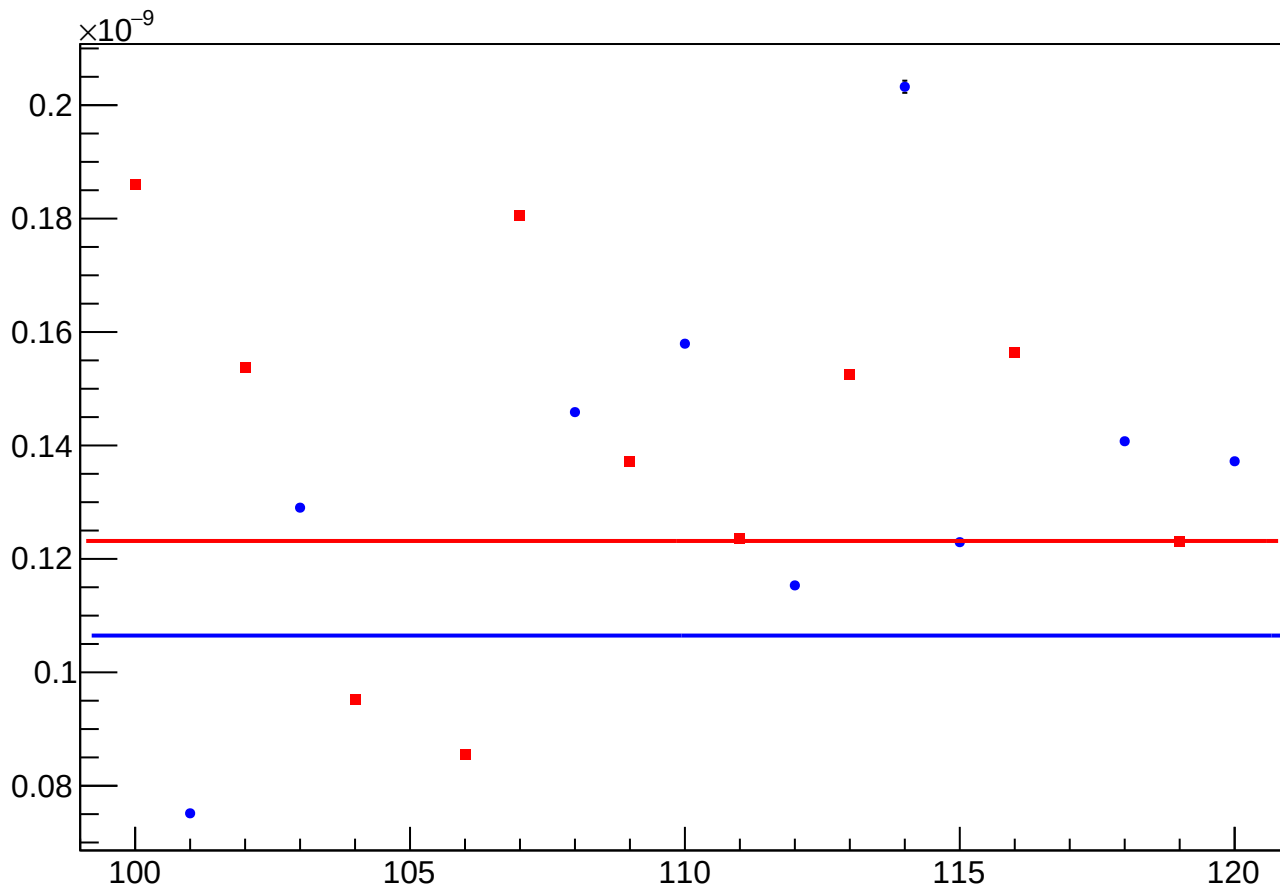
Right: -0.000+/-0.000 χ^2/NDF : 17.1/18

In: 0.000+/-0.000 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.1/18

asym_sam_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 285597.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 187447.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

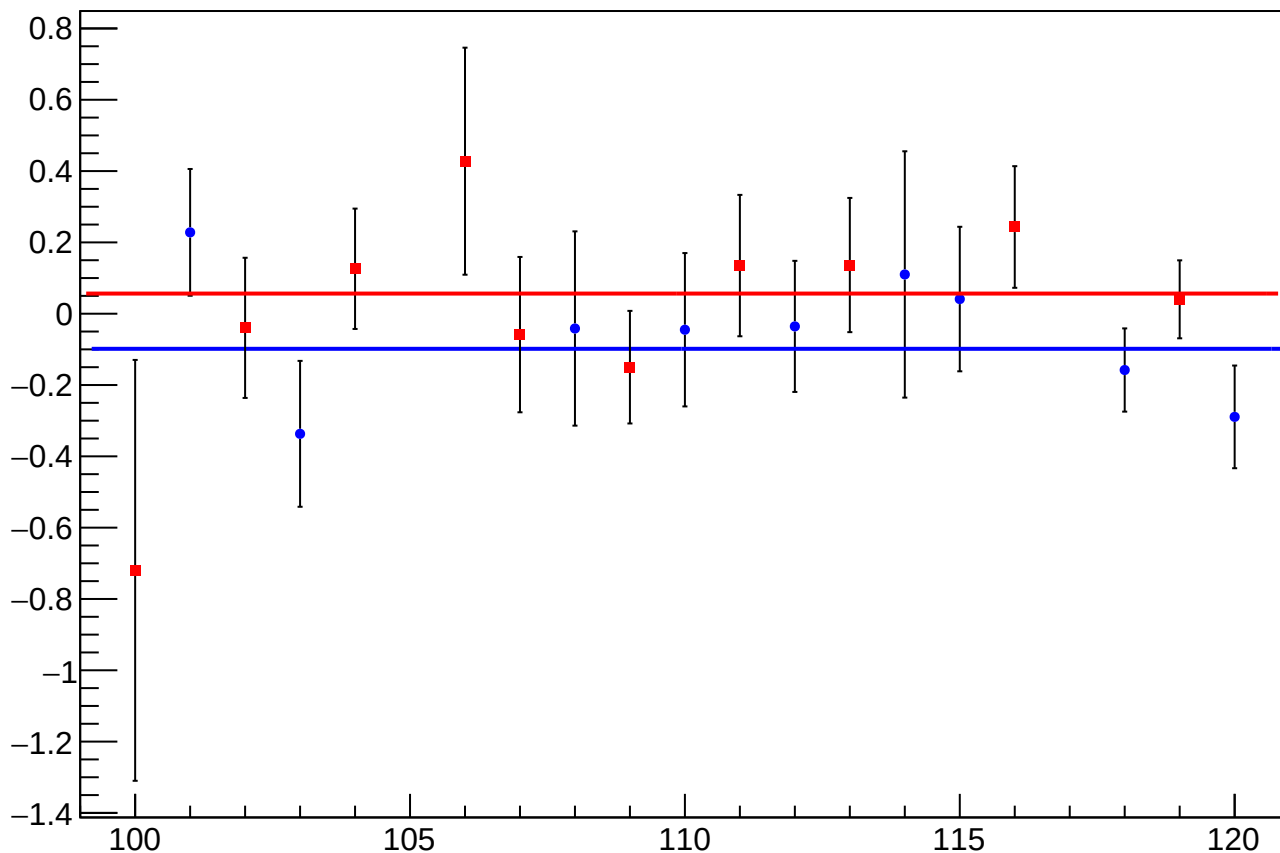
Right: 0.000+/-0.000 χ^2/NDF : 510426.6/18

In: 0.000+/-0.000 χ^2/NDF : 285597.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 510426.6/18

asym_sam_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.098+/-0.060 χ^2 /NDF: 7.8/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.056+/-0.057 χ^2 /NDF: 7.0/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

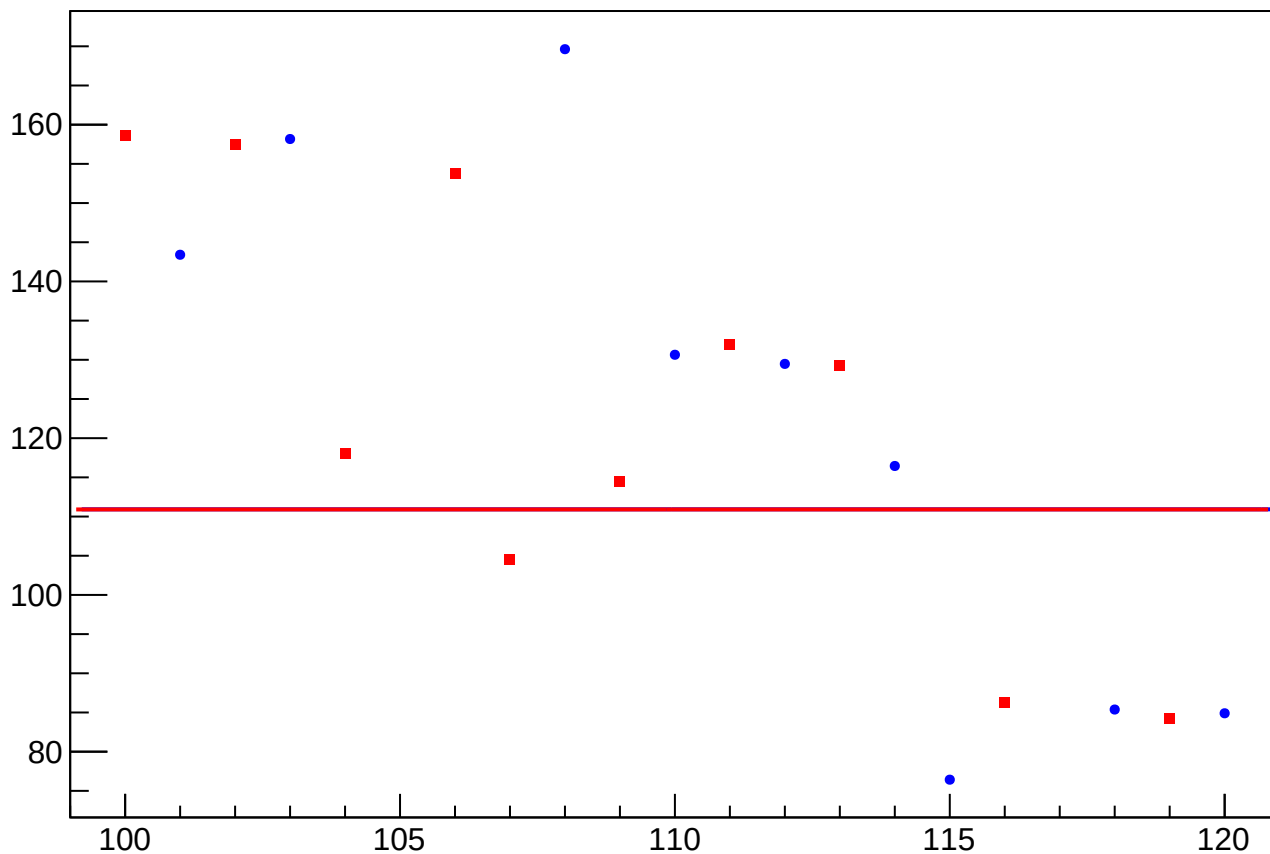
Right: -0.017+/-0.041 χ^2 /NDF: 18.3/18

In: -0.098+/-0.060 χ^2 /NDF:7.8/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.017+/-0.041 χ^2 /NDF: 18.3/18

asym_sam_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 110.922+/-0.043 χ^2/NDF : 523186.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.908+/-0.040 χ^2/NDF : 370241.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

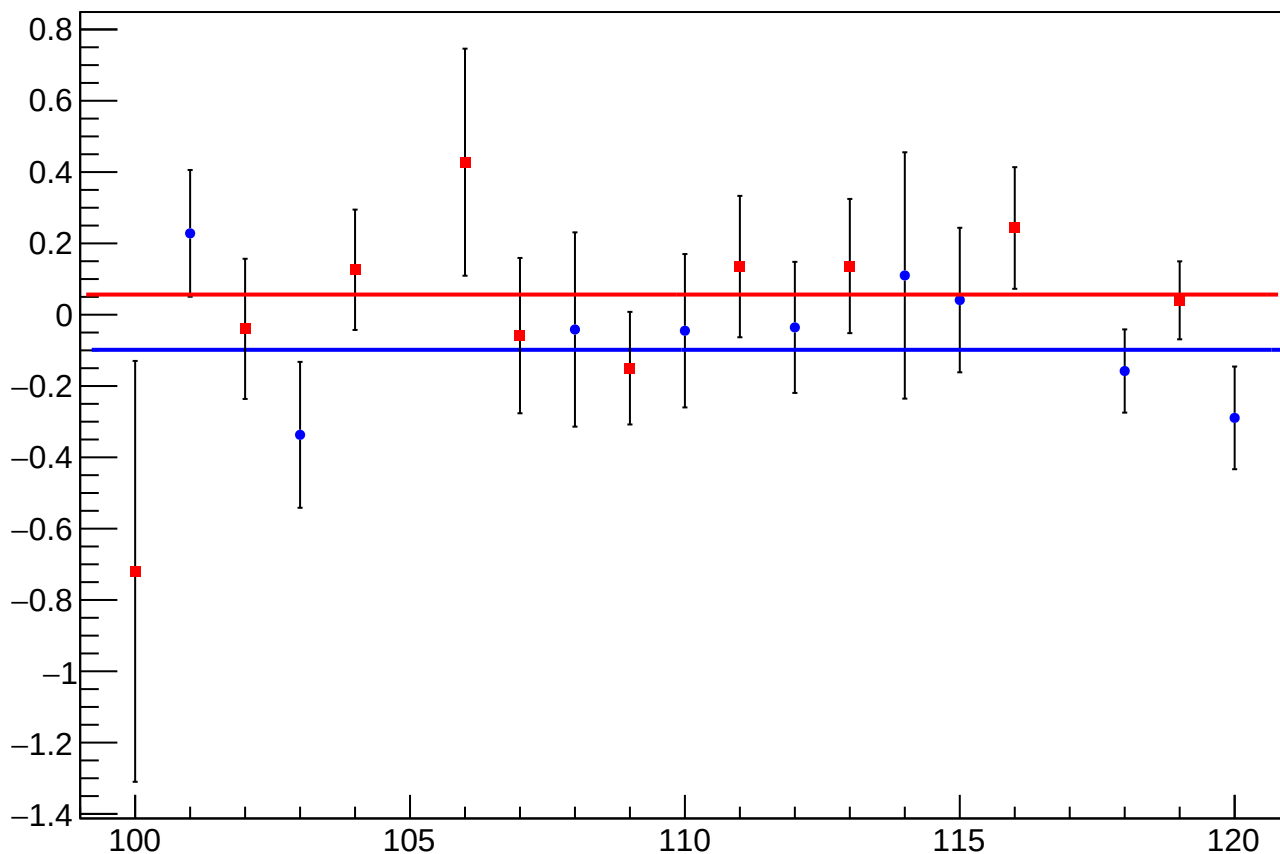
Right: 110.914+/-0.029 χ^2/NDF : 893427.4/18

In: 110.922+/-0.043 χ^2/NDF : 523186.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.914+/-0.029 χ^2/NDF : 893427.4/18

asym_sam_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.098+/-0.060 χ^2/NDF : 7.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.056+/-0.057 χ^2/NDF : 7.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

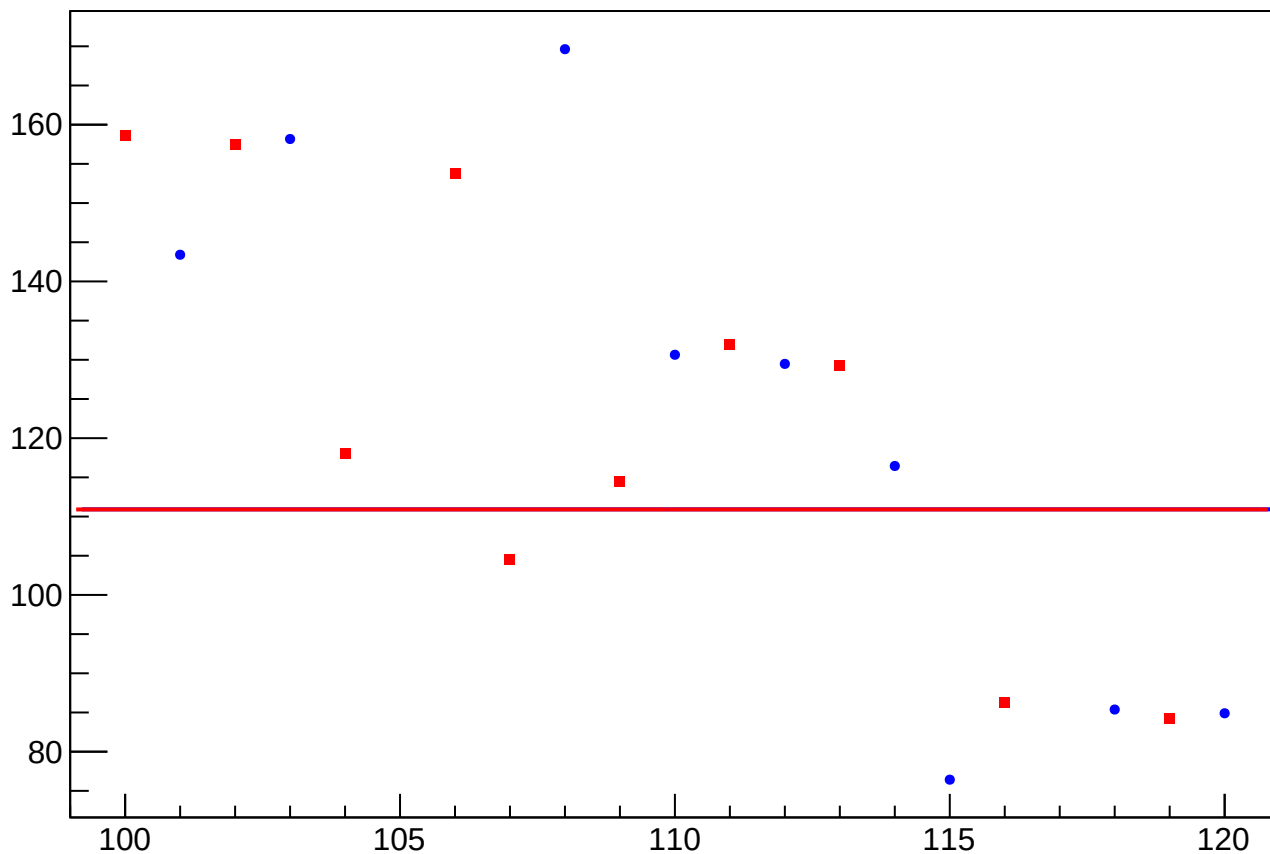
Right: -0.017+/-0.041 χ^2/NDF : 18.3/18

In: -0.098+/-0.060 χ^2/NDF : 7.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.017+/-0.041 χ^2/NDF : 18.3/18

asym_sam_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 110.922+/-0.043 χ^2/NDF : 523186.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.908+/-0.040 χ^2/NDF : 370241.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

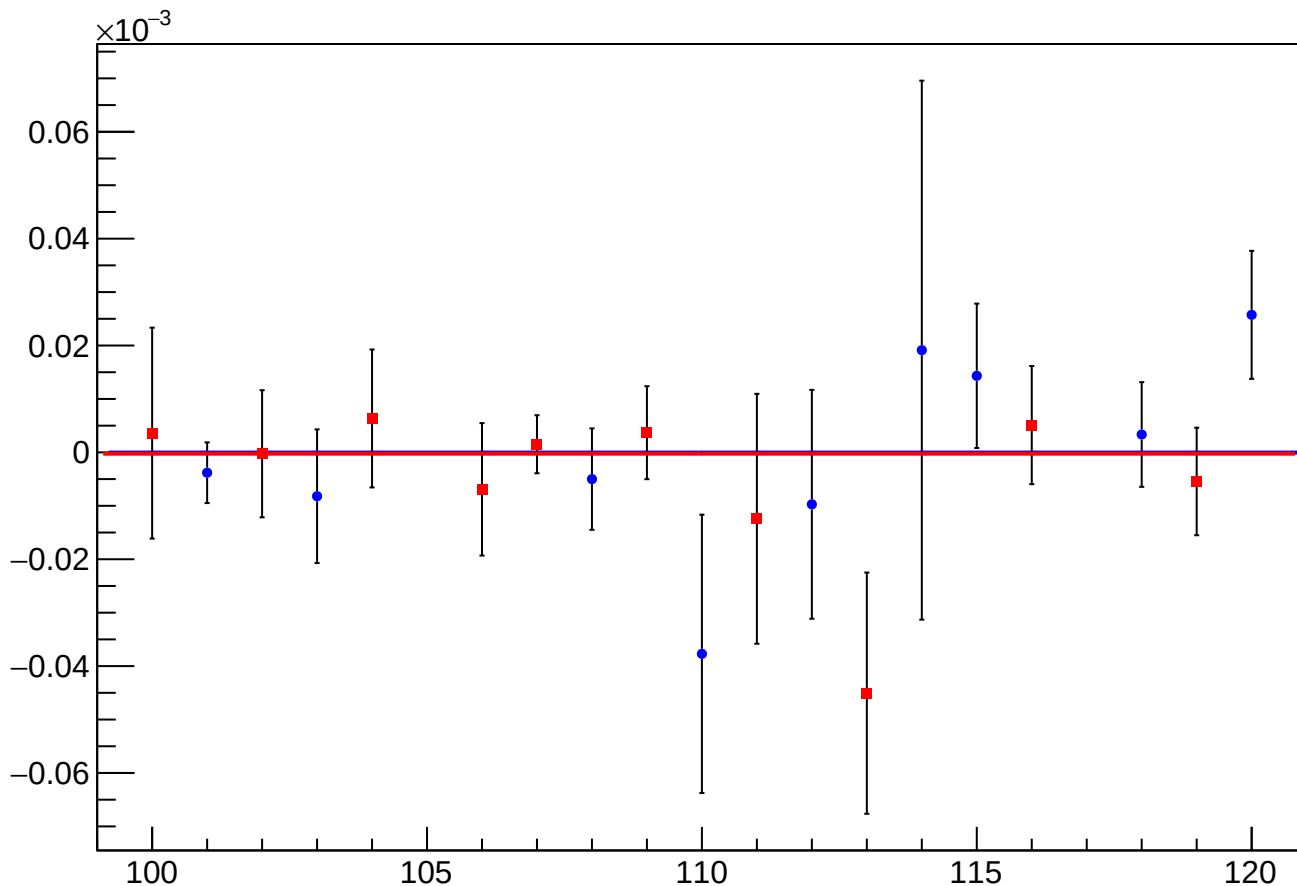
Right: 110.914+/-0.029 χ^2/NDF : 893427.4/18

In: 110.922+/-0.043 χ^2/NDF : 523186.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.914+/-0.029 χ^2/NDF : 893427.4/18

asym_sam_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

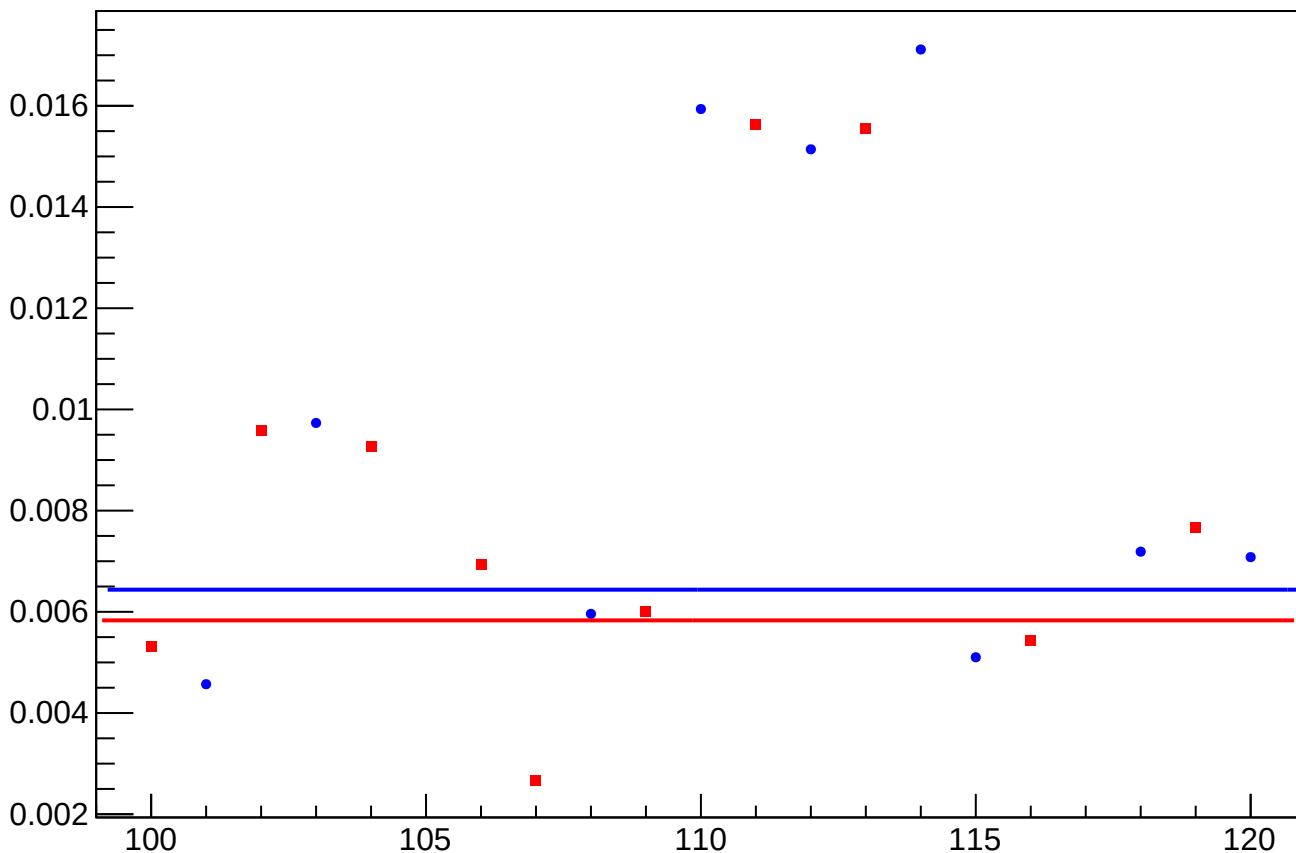
Right: -0.000+/-0.000 χ^2/NDF : 15.1/18

In: -0.000+/-0.000 χ^2/NDF : 9.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.1/18

asym_sam_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 1082876.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1828603.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

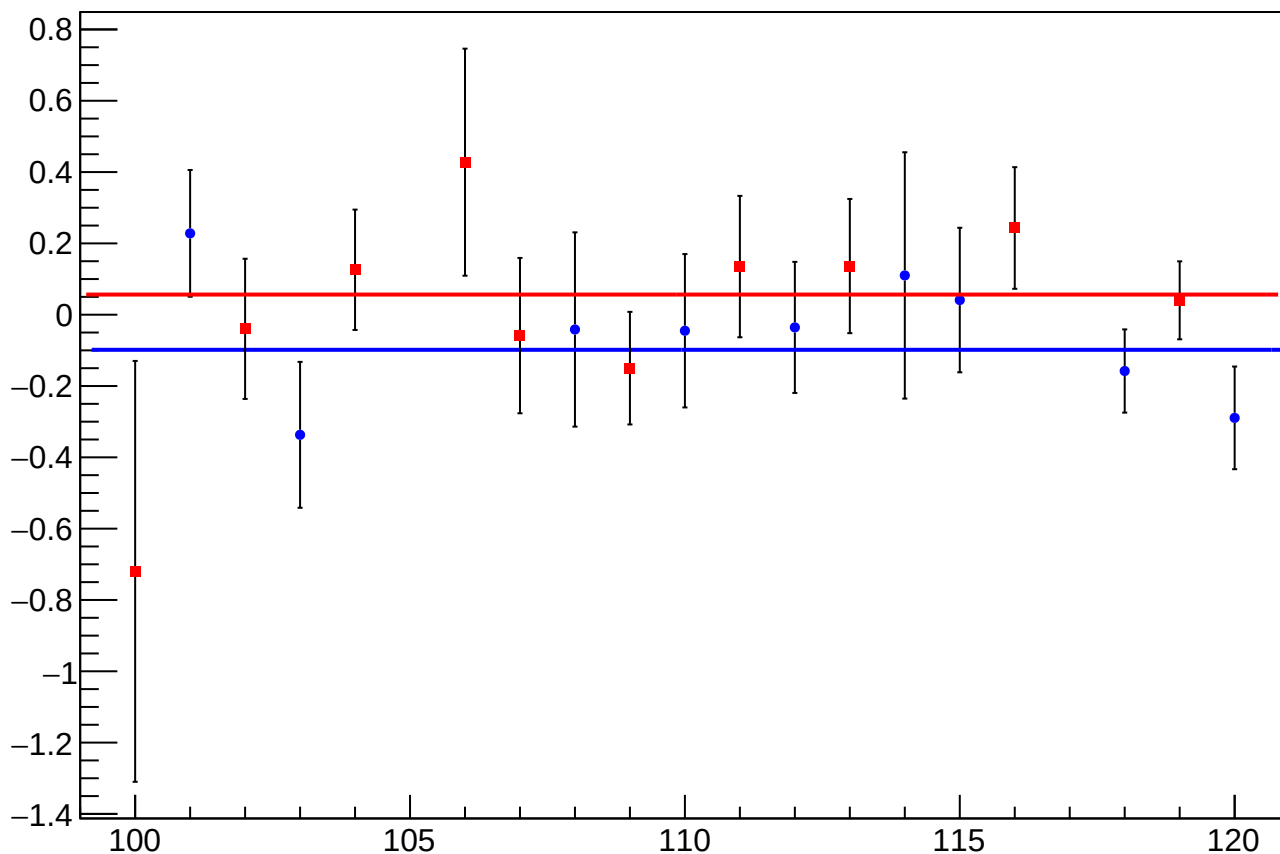
Right: 0.006+/-0.000 χ^2/NDF : 2941872.0/18

In: 0.006+/-0.000 χ^2/NDF :1082876.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 2941872.0/18

asym_sam_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.098+/-0.060 χ^2/NDF : 7.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.056+/-0.057 χ^2/NDF : 7.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

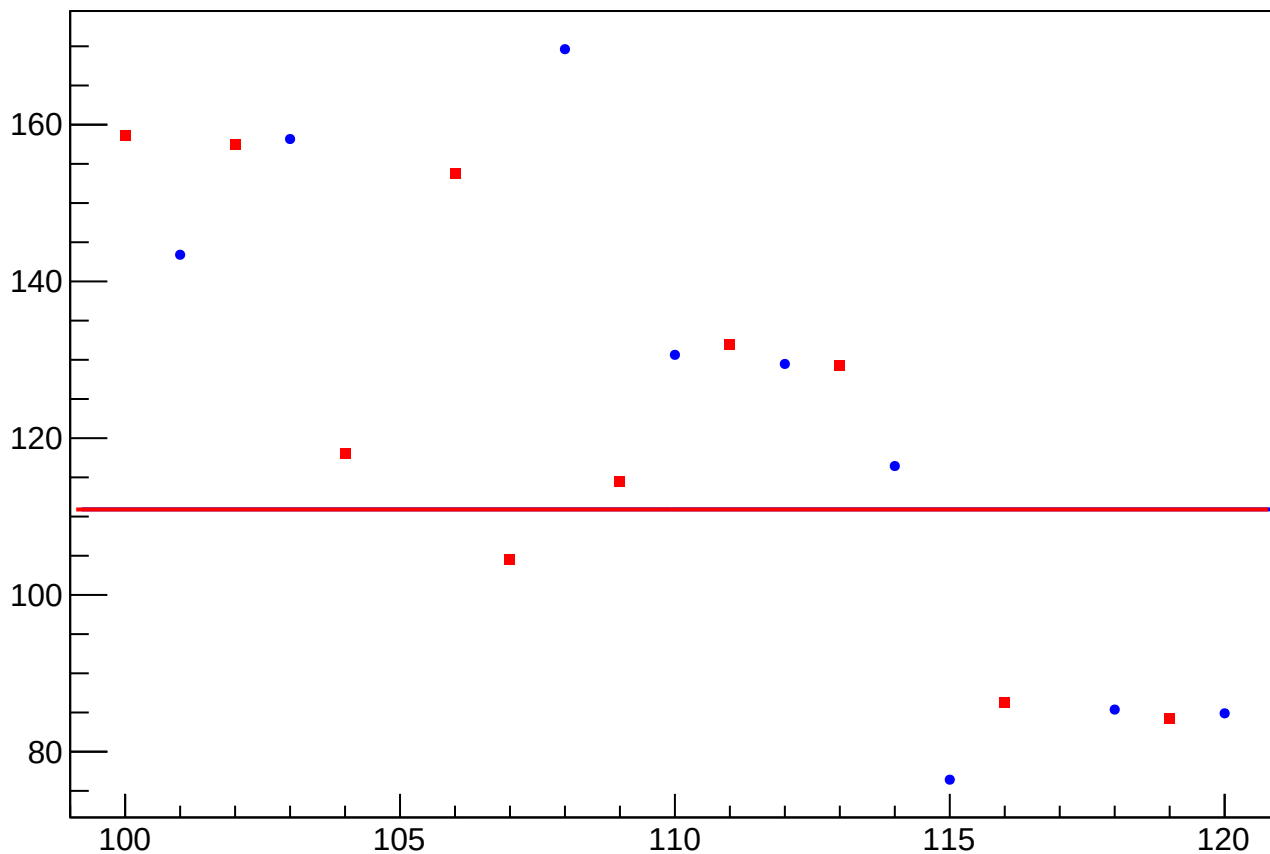
Right: -0.017+/-0.041 χ^2/NDF : 18.3/18

In: -0.098+/-0.060 χ^2/NDF : 7.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.017+/-0.041 χ^2/NDF : 18.3/18

asym_sam_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 110.918+/-0.043 χ^2/NDF : 523198.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.904+/-0.040 χ^2/NDF : 370247.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

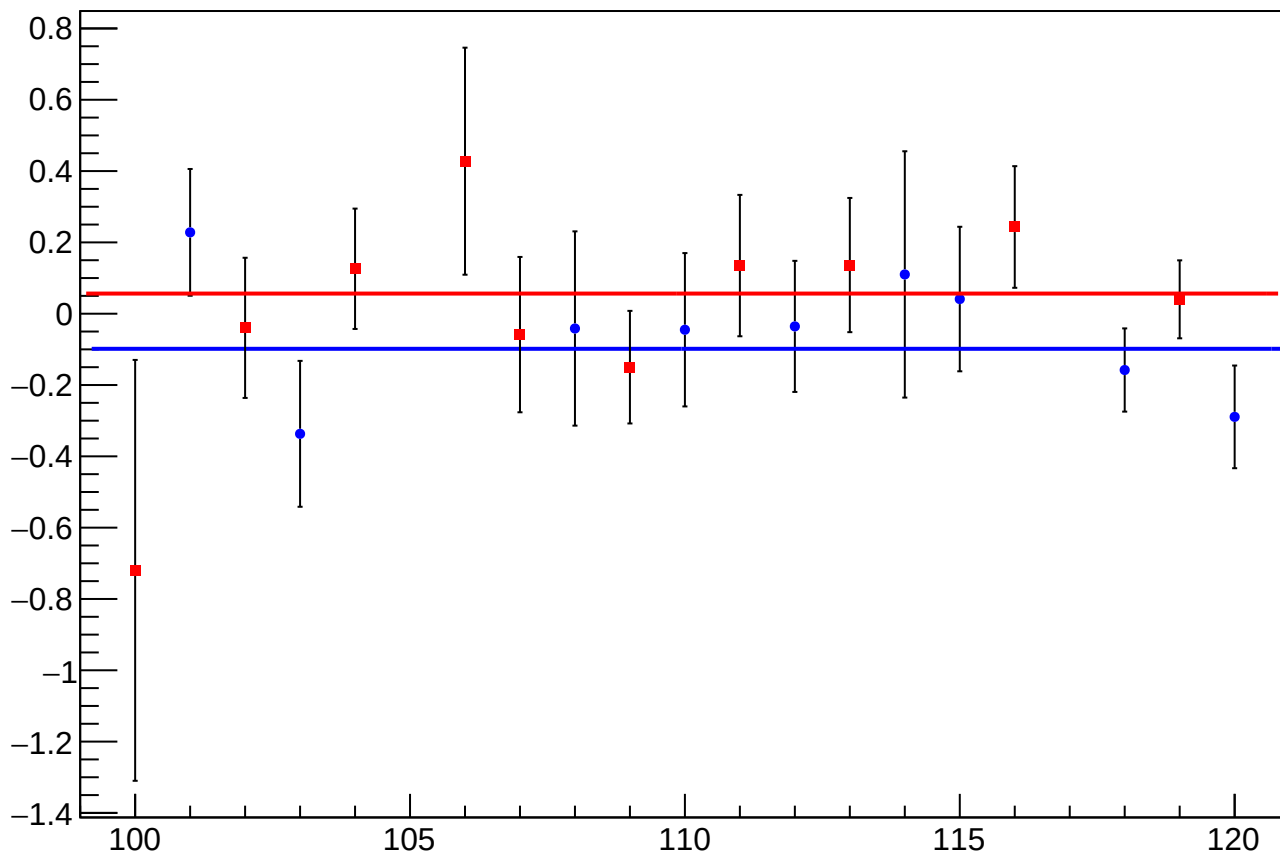
Right: 110.911+/-0.029 χ^2/NDF : 893446.2/18

In: 110.918+/-0.043 χ^2/NDF : 523198.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.911+/-0.029 χ^2/NDF : 893446.2/18

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.098+/-0.060 χ^2/NDF : 7.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.056+/-0.057 χ^2/NDF : 7.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

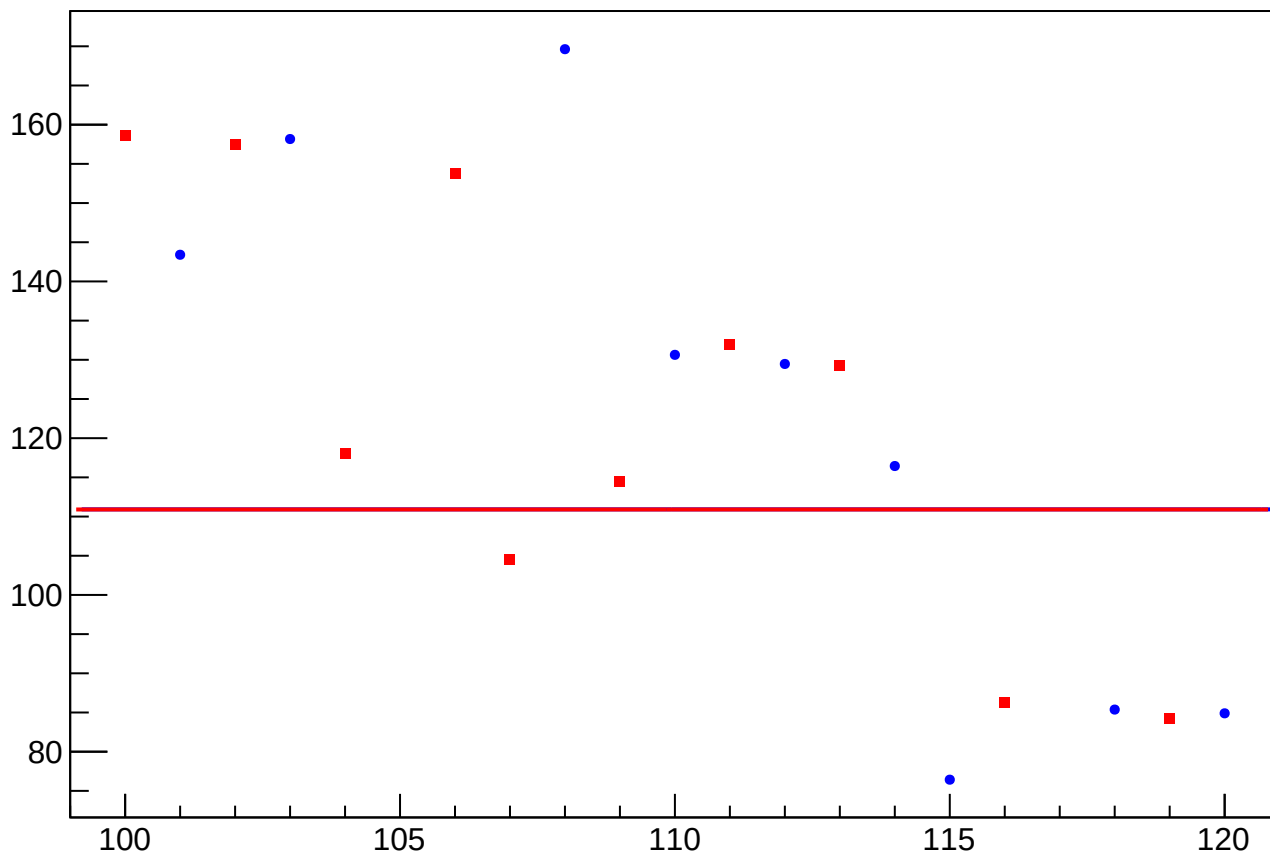
Right: -0.017+/-0.041 χ^2/NDF : 18.3/18

In: -0.098+/-0.060 χ^2/NDF :7.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.017+/-0.041 χ^2/NDF : 18.3/18

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 110.918+/-0.043 χ^2/NDF : 523198.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.904+/-0.040 χ^2/NDF : 370247.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

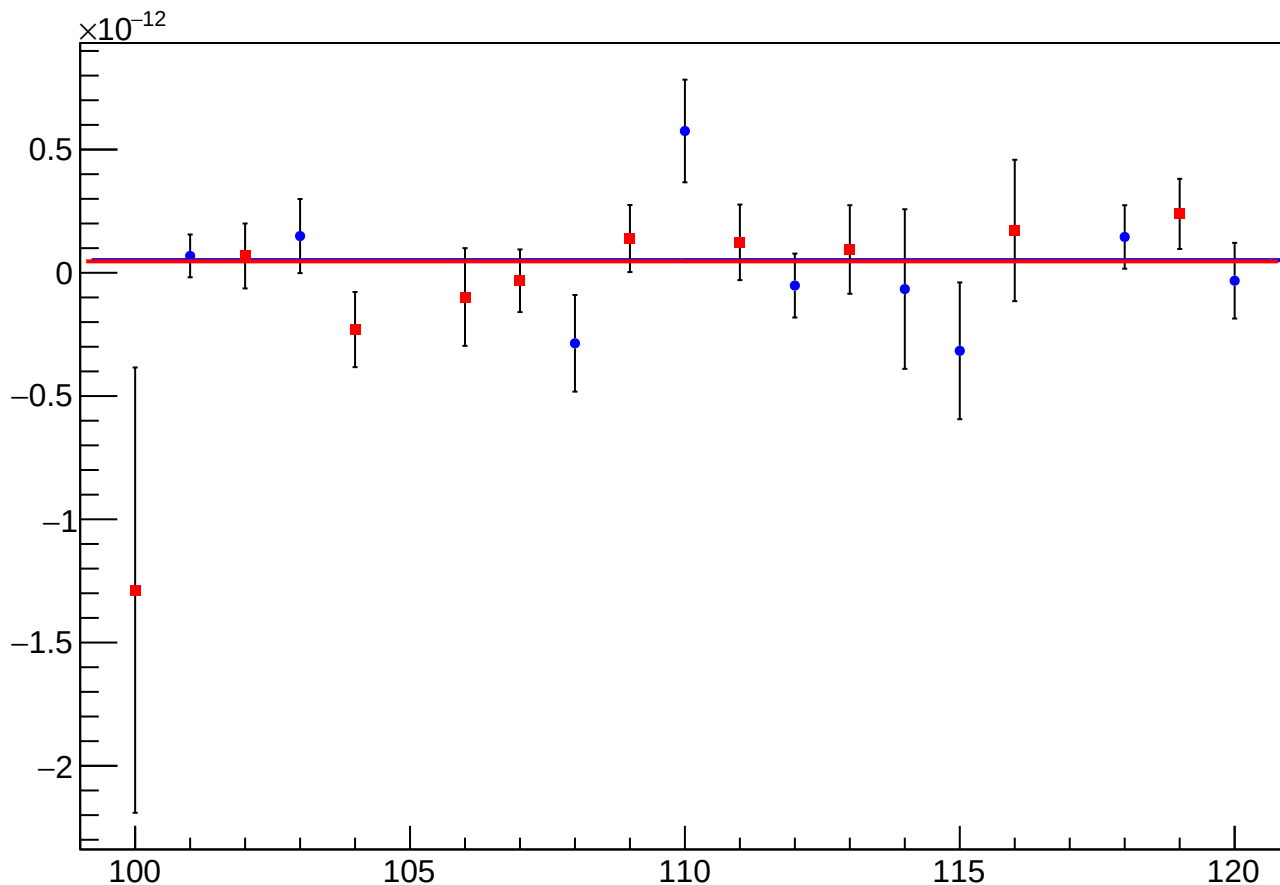
Right: 110.911+/-0.029 χ^2/NDF : 893446.2/18

In: 110.918+/-0.043 χ^2/NDF : 523198.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.911+/-0.029 χ^2/NDF : 893446.2/18

asym_sam_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

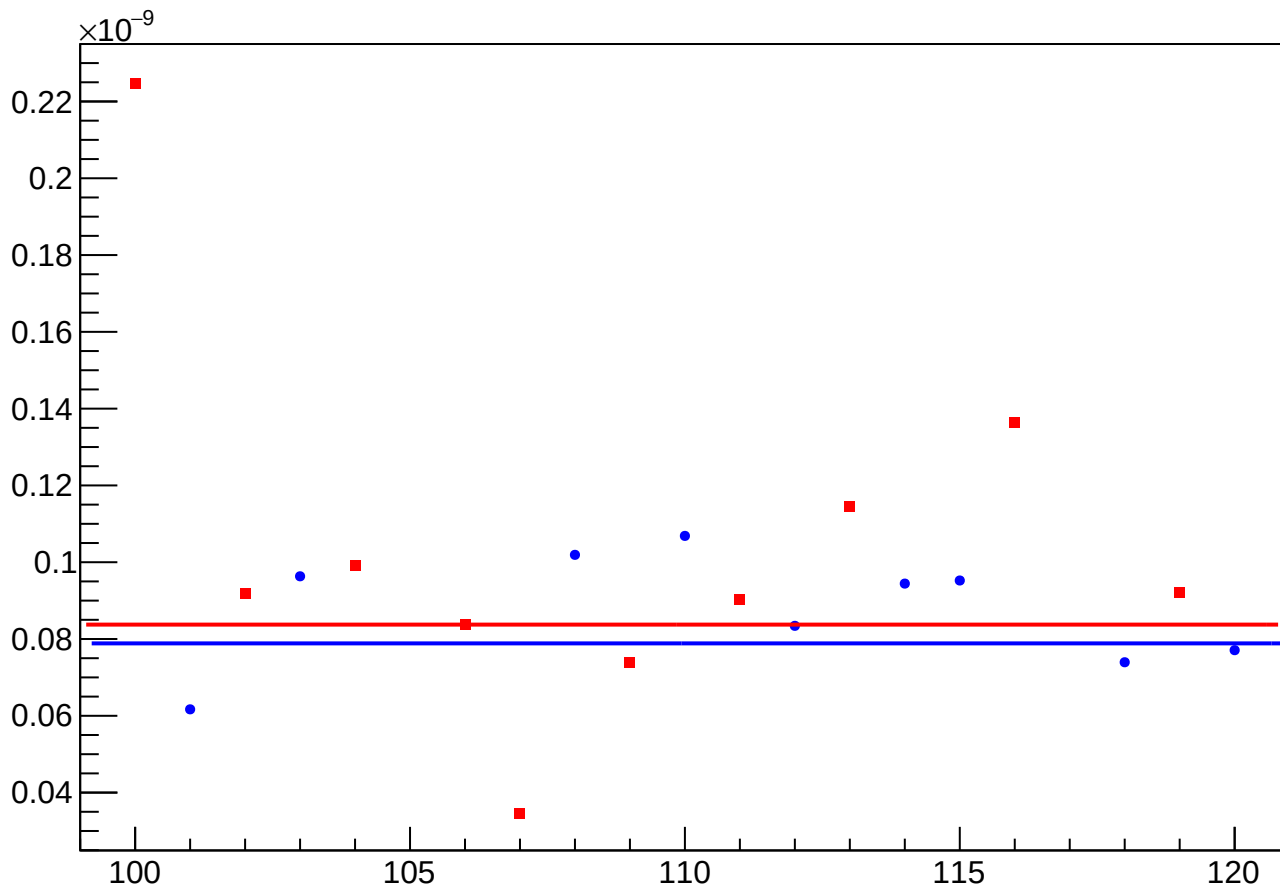
Right: 0.000+/-0.000 χ^2/NDF : 22.3/18

In: 0.000+/-0.000 χ^2/NDF : 13.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.3/18

asym_sam_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 186464.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 522961.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

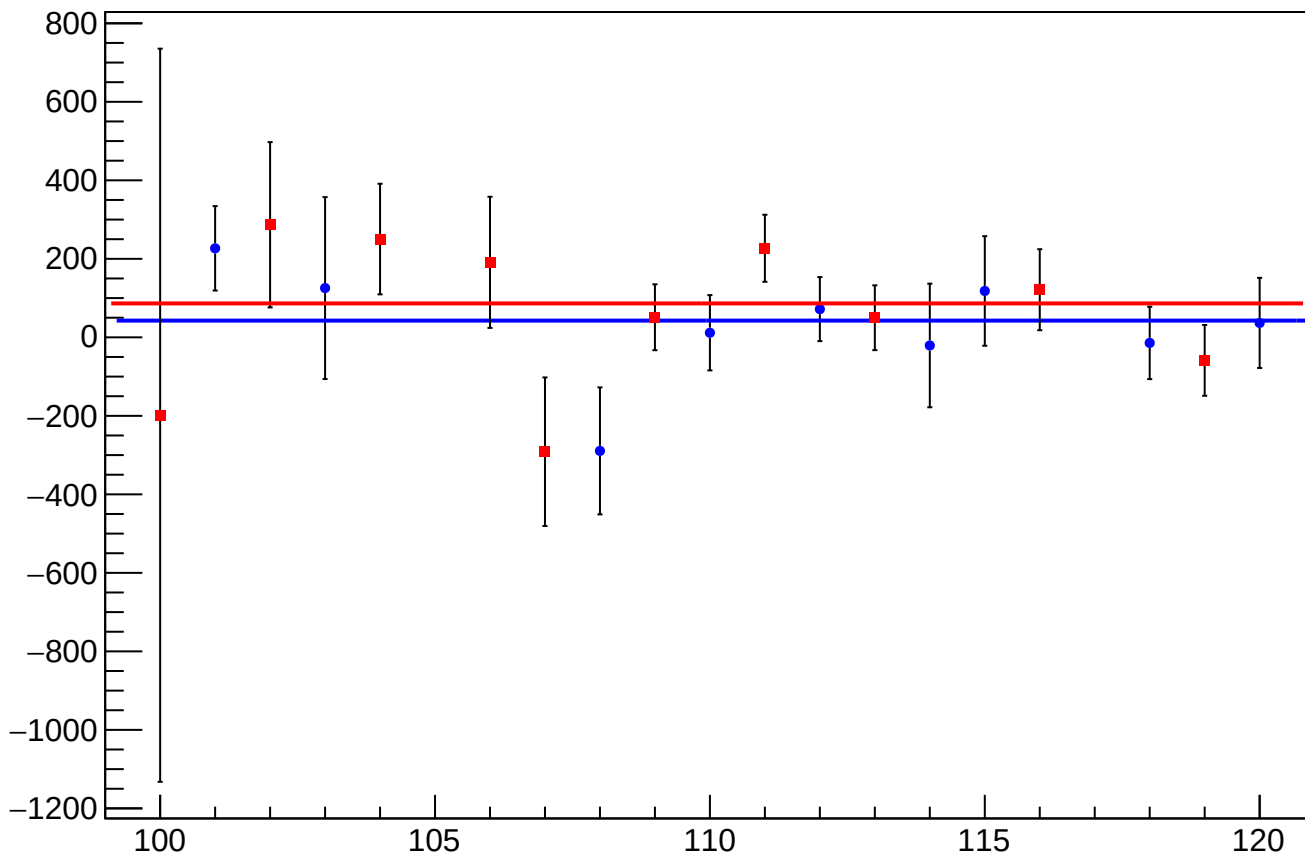
Right: 0.000+/-0.000 χ^2/NDF : 718845.9/18

In: 0.000+/-0.000 χ^2/NDF : 186464.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 718845.9/18

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 42.638+/-38.136 χ^2/NDF : 8.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.421+/-35.794 χ^2/NDF : 12.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

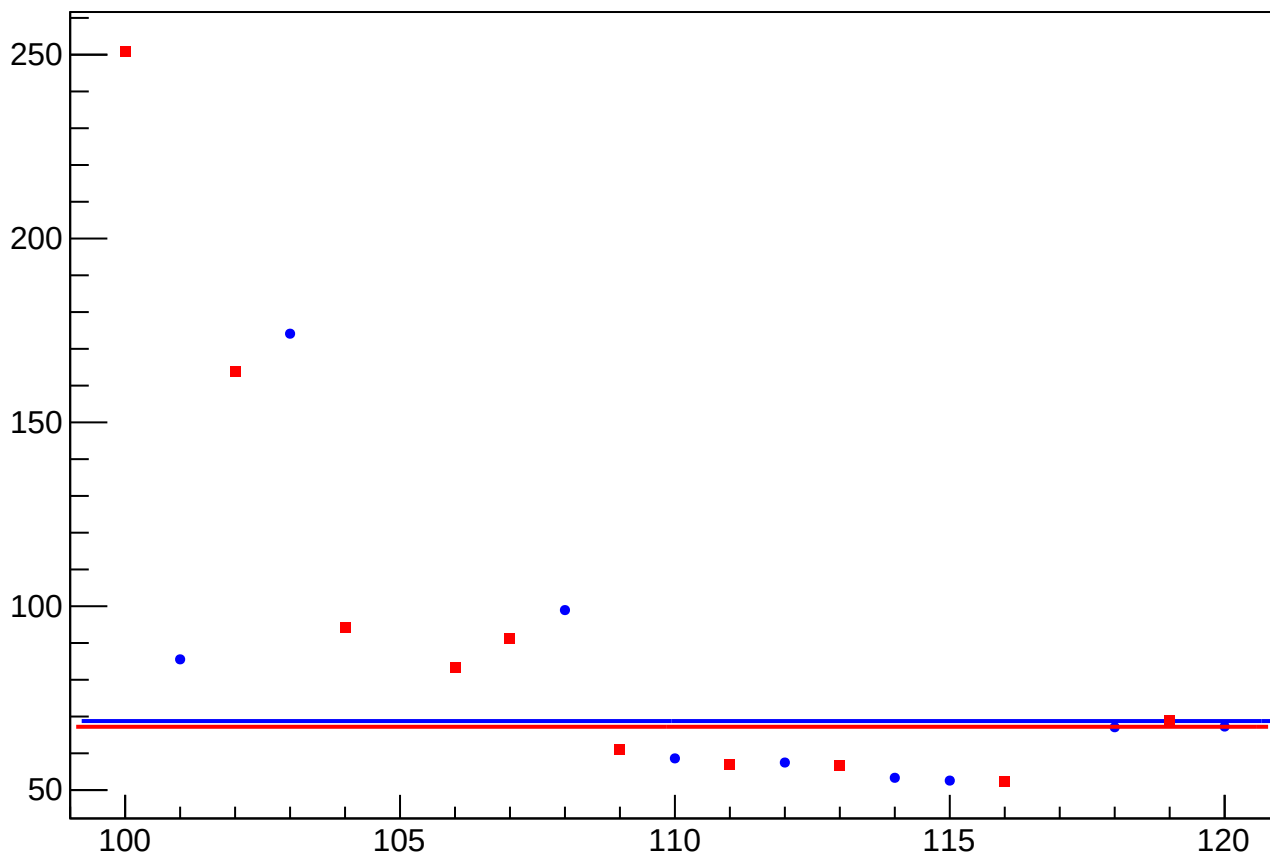
Right: 65.915+/-26.099 χ^2/NDF : 21.5/18

In: 42.638+/-38.136 χ^2/NDF : 8.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.915+/-26.099 χ^2/NDF : 21.5/18

reg_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 68.771+/-0.027 χ^2/NDF : 639429.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.216+/-0.025 χ^2/NDF : 736720.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

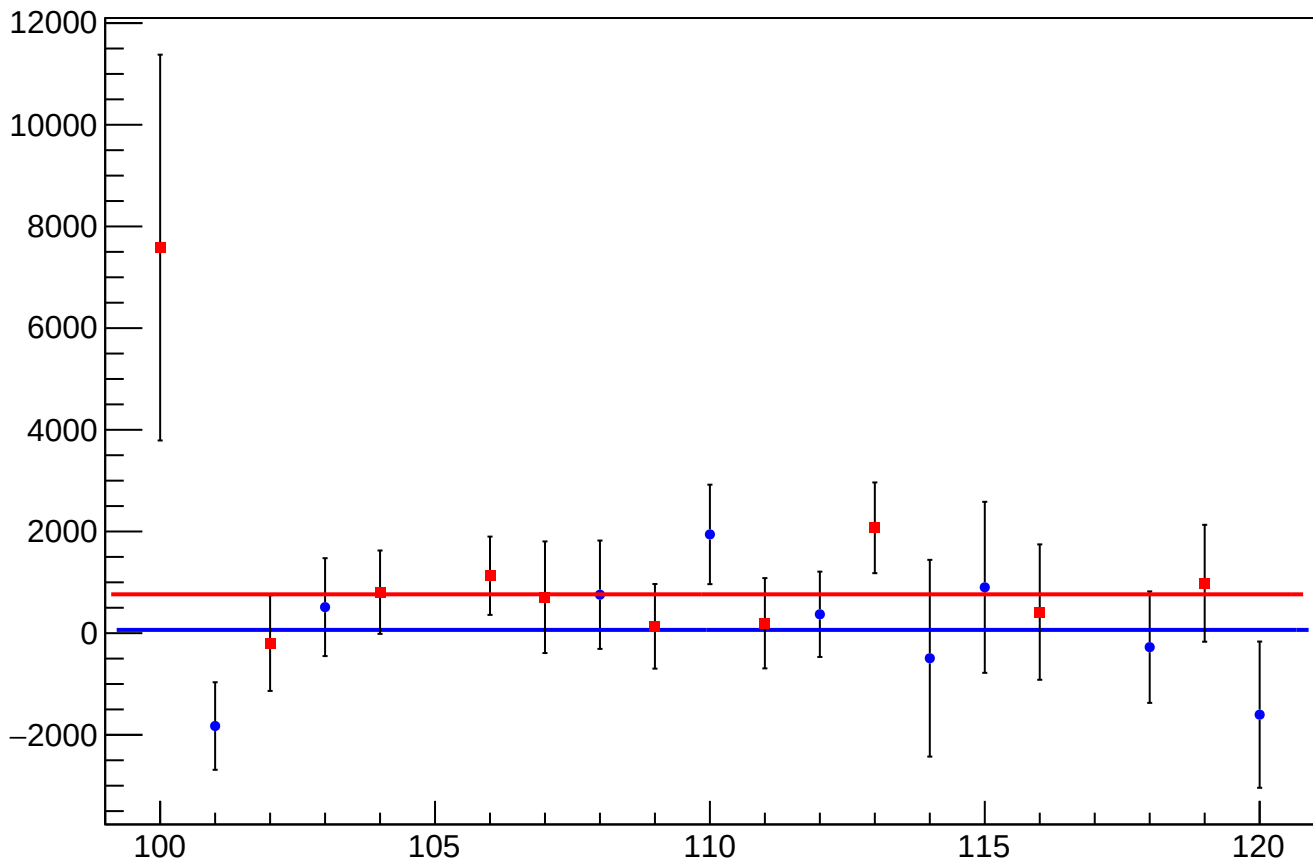
Right: 67.944+/-0.018 χ^2/NDF : 1377919.9/18

In: 68.771+/-0.027 χ^2/NDF : 639429.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.944+/-0.018 χ^2/NDF : 1377919.9/18

asym_sam_37_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 64.442+/-360.156 χ^2/NDF : 11.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 764.152+/-308.699 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

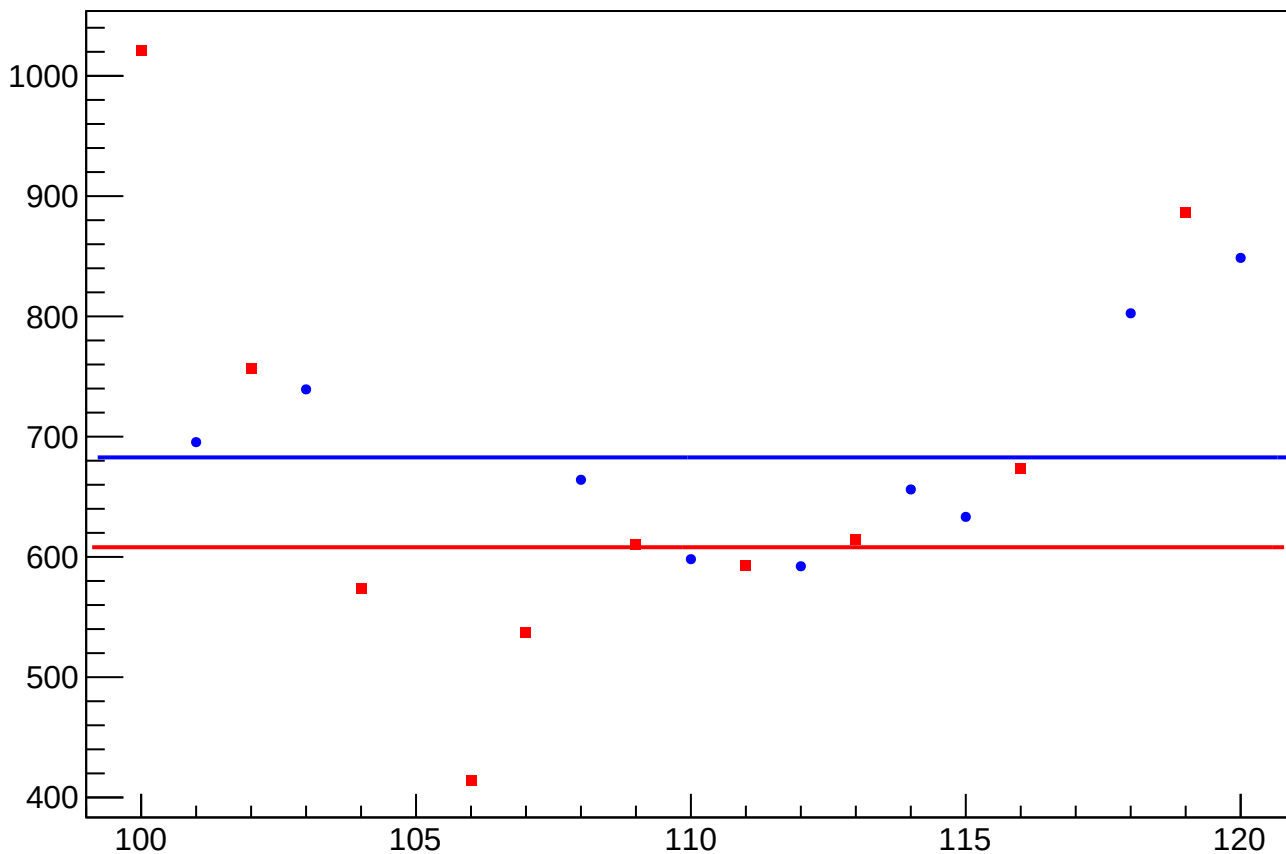
Right: 467.811+/-234.383 χ^2/NDF : 21.0/18

In: 64.442+/-360.156 χ^2/NDF : 11.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 467.811+/-234.383 χ^2/NDF : 21.0/18

asym_sam_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 682.759+/-0.255 χ^2/NDF : 98791.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 608.051+/-0.218 χ^2/NDF : 334741.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

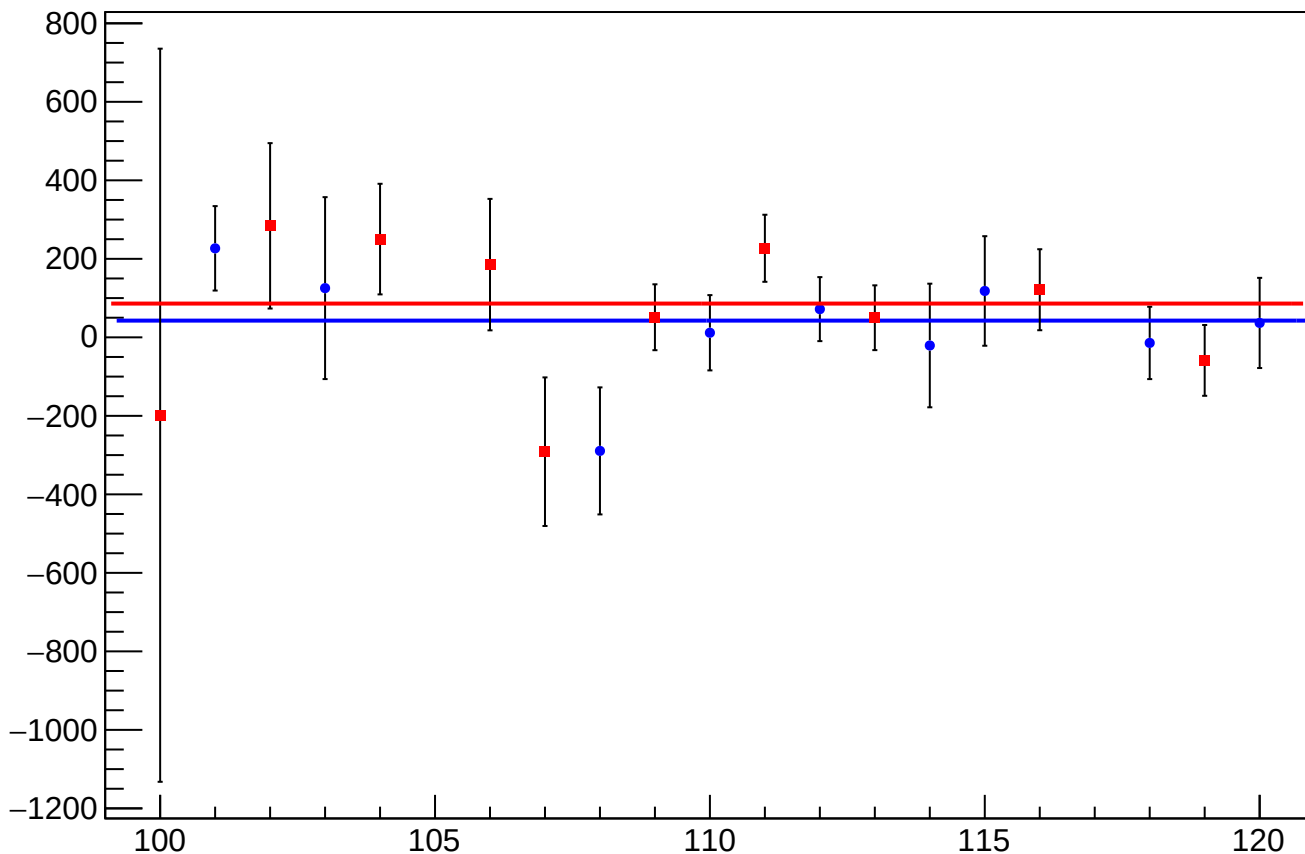
Right: 639.691+/-0.166 χ^2/NDF : 483141.6/18

In: 682.759+/-0.255 χ^2/NDF : 98791.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 639.691+/-0.166 χ^2/NDF : 483141.6/18

cor_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 42.626+/-38.136 χ^2/NDF : 8.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.033+/-35.799 χ^2/NDF : 12.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

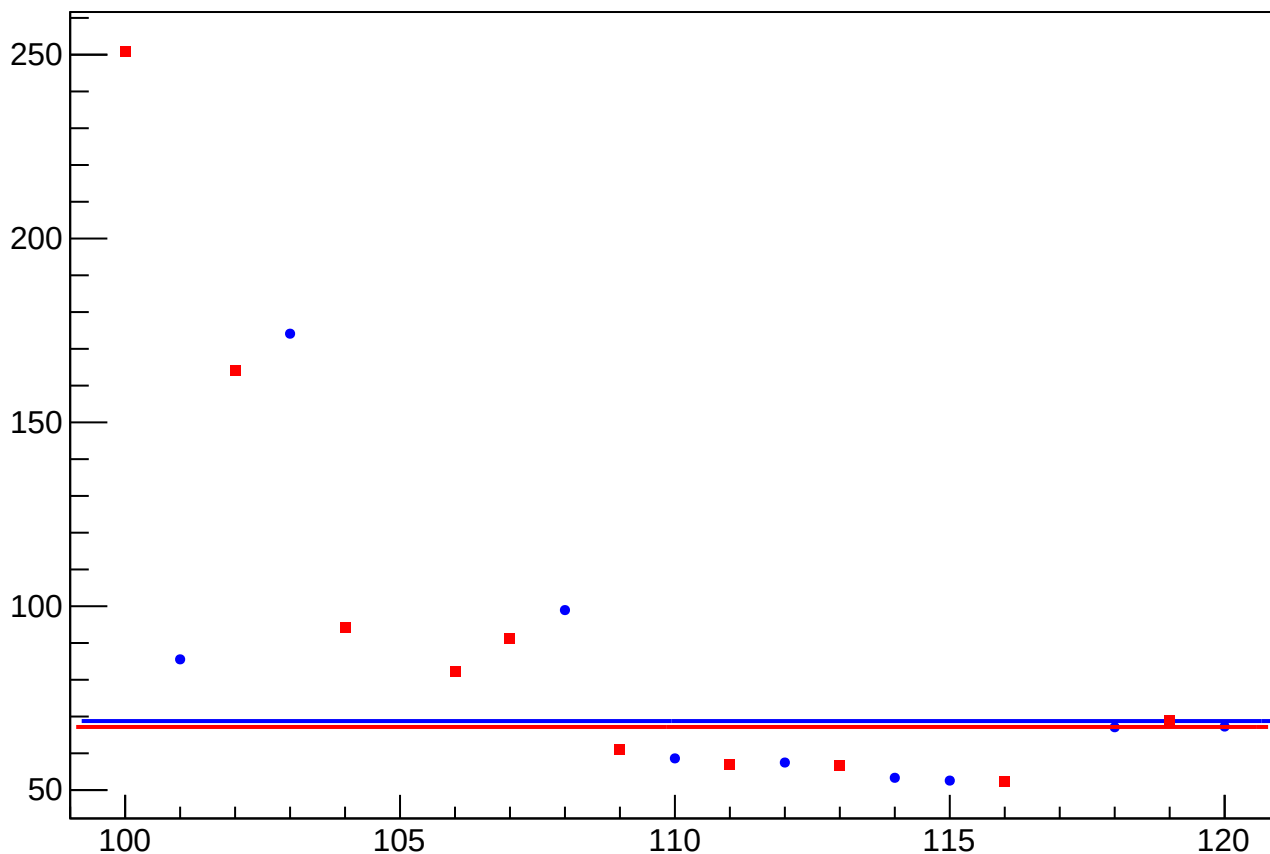
Right: 65.700+/-26.101 χ^2/NDF : 21.5/18

In: 42.626+/-38.136 χ^2/NDF : 8.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.700+/-26.101 χ^2/NDF : 21.5/18

cor_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 68.771+/-0.027 χ^2/NDF : 639432.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.165+/-0.025 χ^2/NDF : 734535.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

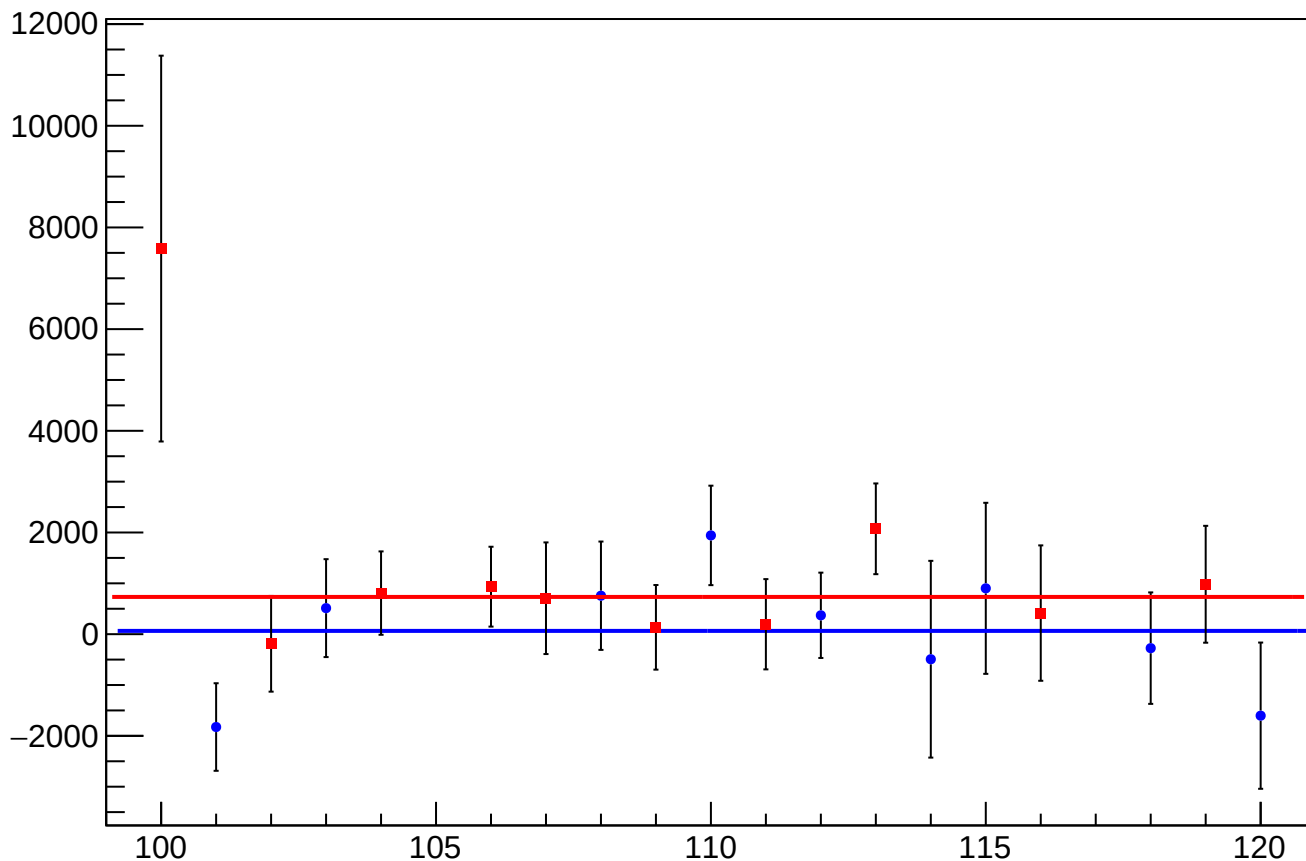
Right: 67.917+/-0.018 χ^2/NDF : 1375854.1/18

In: 68.771+/-0.027 χ^2/NDF : 639432.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.917+/-0.018 χ^2/NDF : 1375854.1/18

asym_sam_37_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 64.455+/-360.161 χ^2 /NDF: 11.1/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 732.570+/-309.708 χ^2 /NDF: 7.5/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

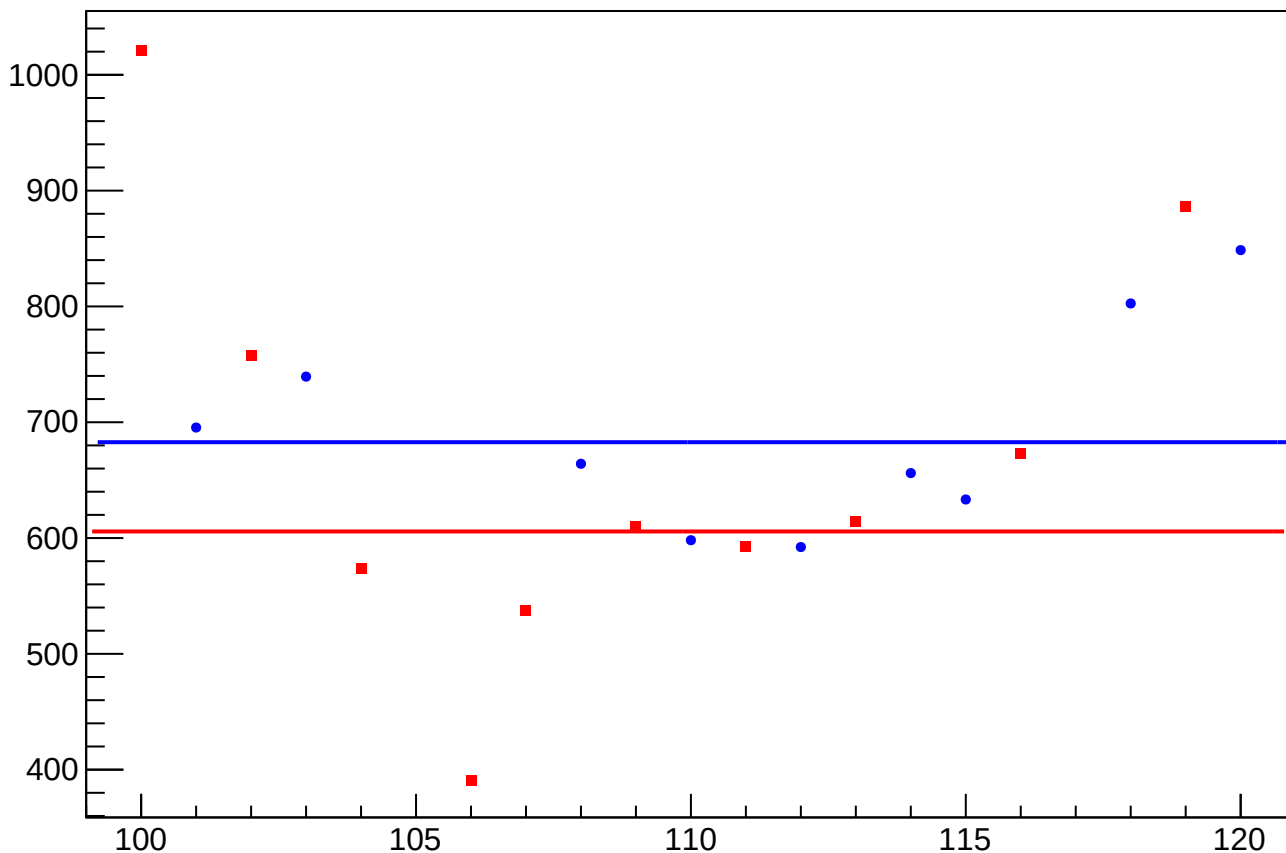
Right: 448.550+/-234.826 χ^2 /NDF: 20.6/18

In: 64.455+/-360.161 χ^2 /NDF:11.1/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 448.550+/-234.826 χ^2 /NDF: 20.6/18

asym_sam_37_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 682.767+/-0.255 χ^2/NDF : 98809.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 605.680+/-0.219 χ^2/NDF : 361268.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

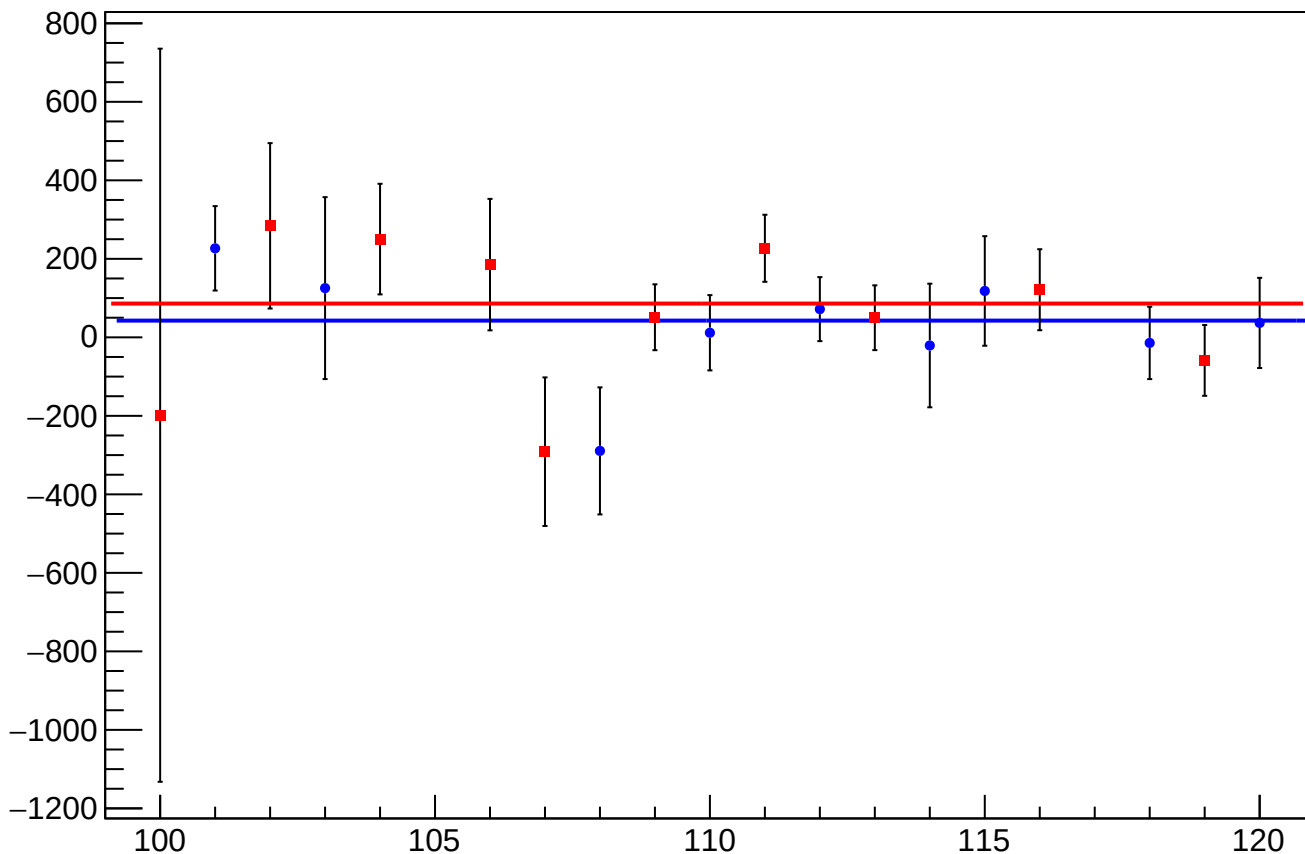
Right: 638.450+/-0.166 χ^2/NDF : 512750.9/18

In: 682.767+/-0.255 χ^2/NDF : 98809.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 638.450+/-0.166 χ^2/NDF : 512750.9/18

eigen_cor_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 42.626+/-38.136 χ^2/NDF : 8.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.033+/-35.799 χ^2/NDF : 12.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

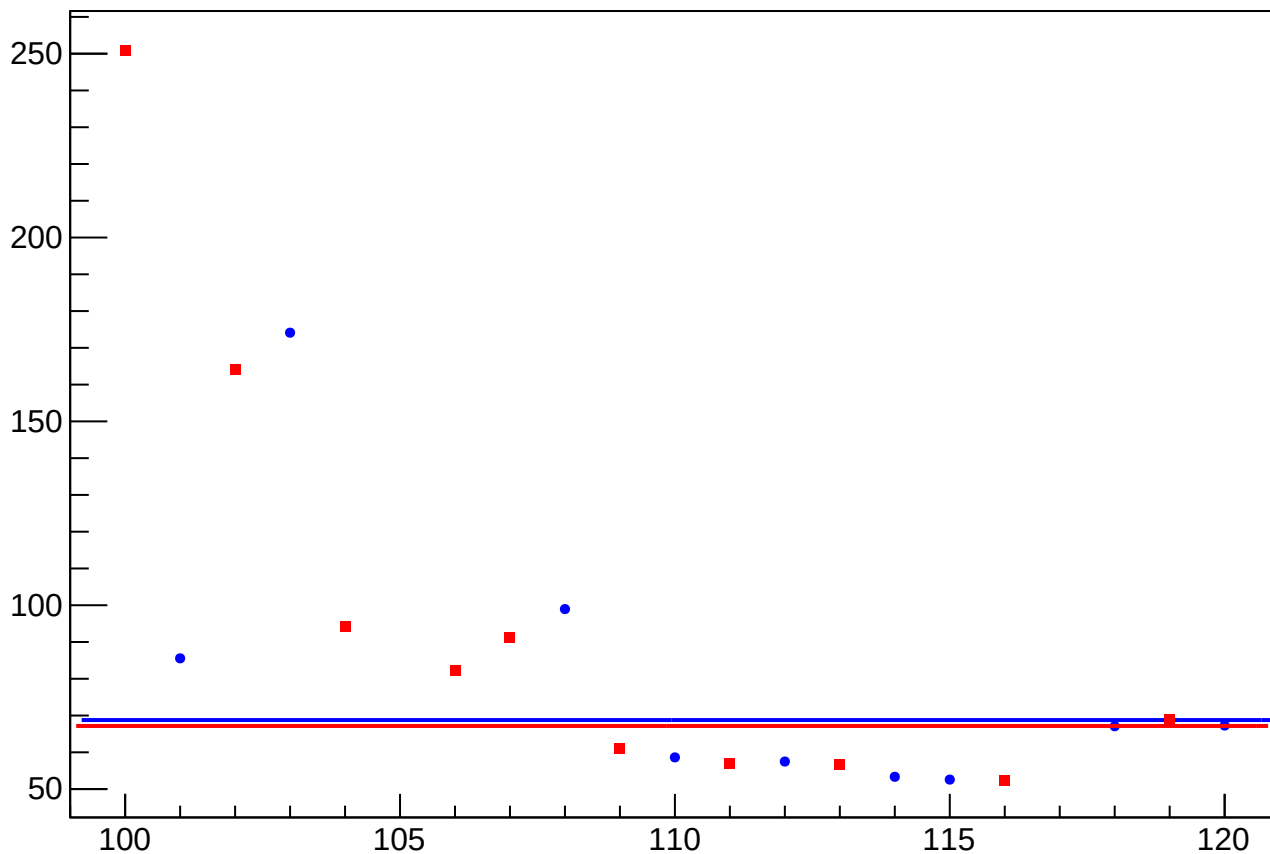
Right: 65.700+/-26.101 χ^2/NDF : 21.5/18

In: 42.626+/-38.136 χ^2/NDF : 8.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.700+/-26.101 χ^2/NDF : 21.5/18

eigen_cor_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 68.771+/-0.027 χ^2/NDF : 639432.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.165+/-0.025 χ^2/NDF : 734535.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

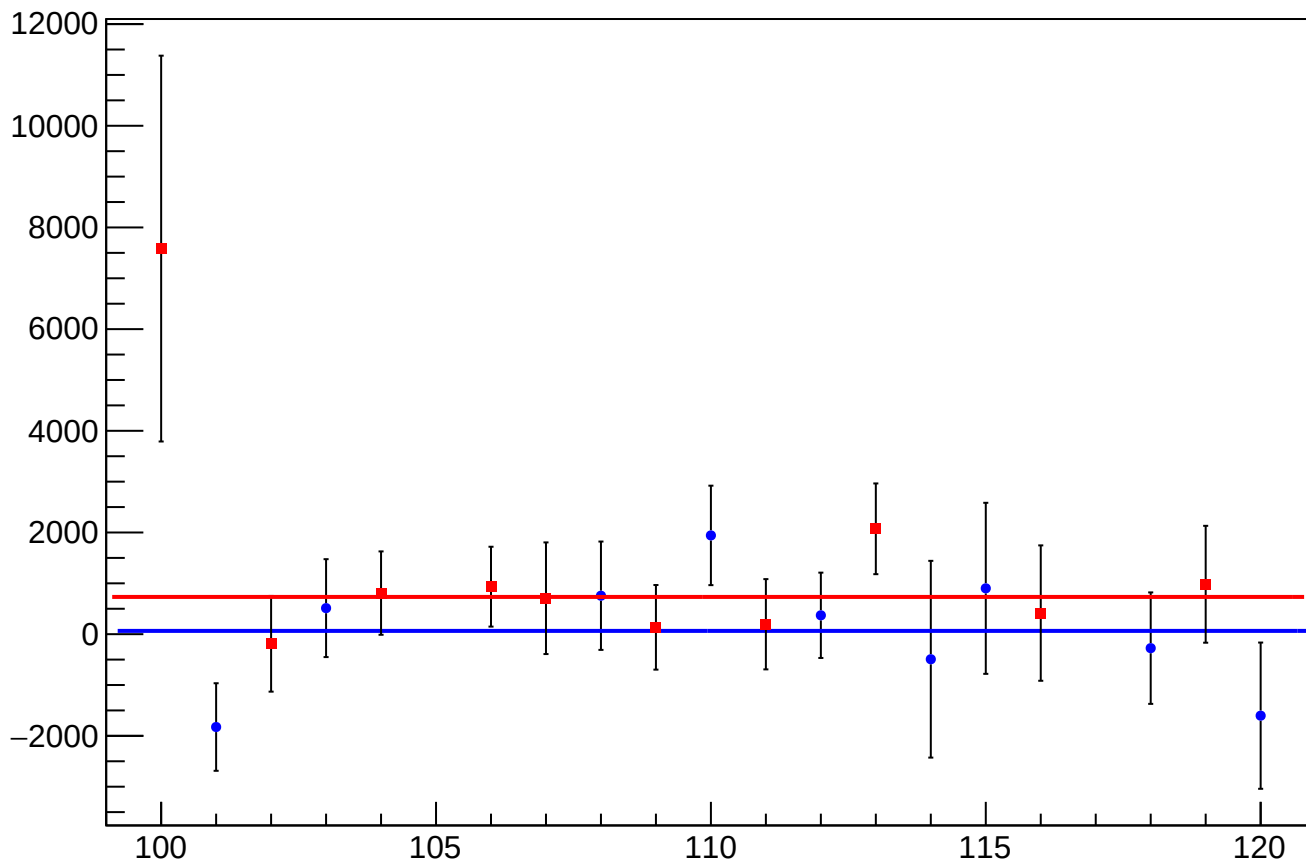
Right: 67.917+/-0.018 χ^2/NDF : 1375854.1/18

In: 68.771+/-0.027 χ^2/NDF : 639432.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.917+/-0.018 χ^2/NDF : 1375854.1/18

asym_sam_37_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 64.455+/-360.161 χ^2 /NDF: 11.1/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 732.570+/-309.708 χ^2 /NDF: 7.5/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

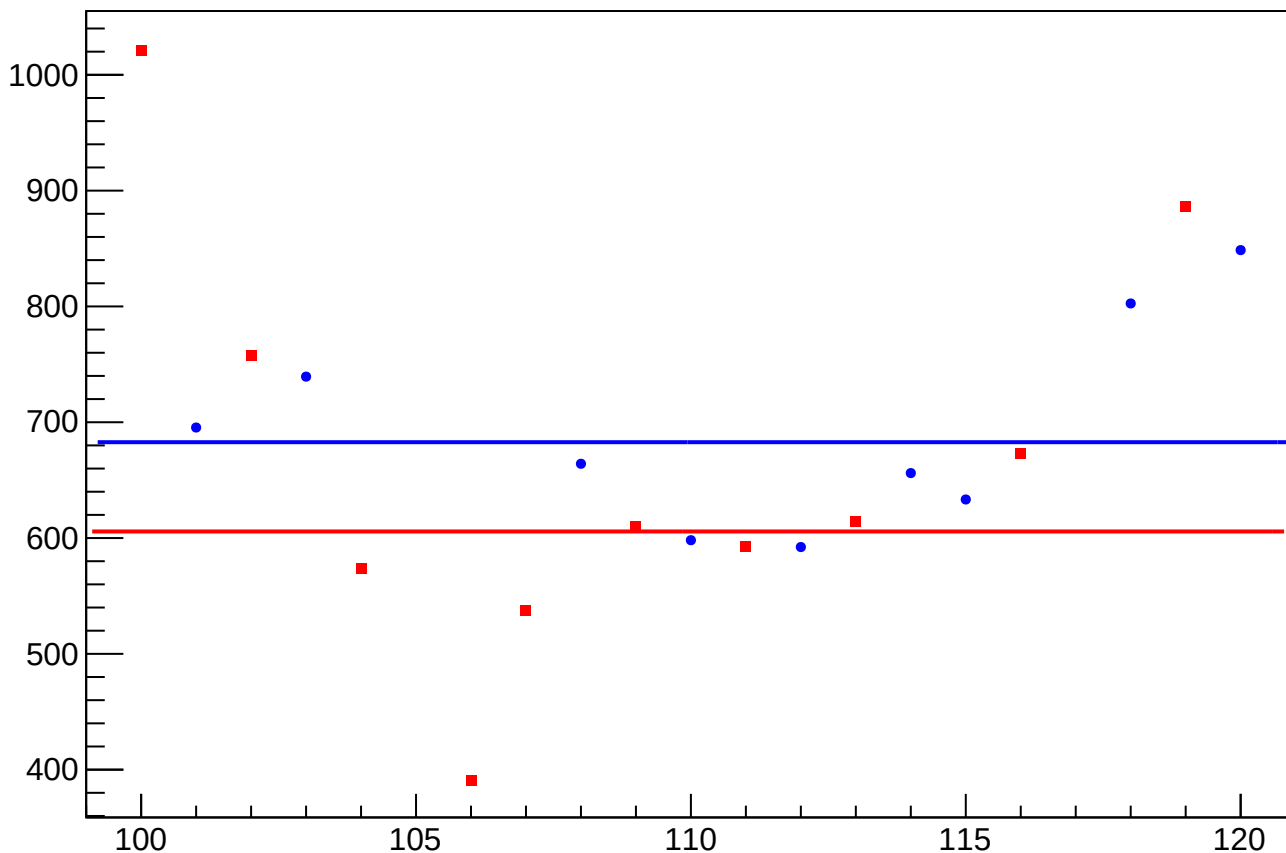
Right: 448.550+/-234.826 χ^2 /NDF: 20.6/18

In: 64.455+/-360.161 χ^2 /NDF:11.1/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 448.550+/-234.826 χ^2 /NDF: 20.6/18

asym_sam_37_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 682.767+/-0.255 χ^2/NDF : 98809.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 605.680+/-0.219 χ^2/NDF : 361268.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

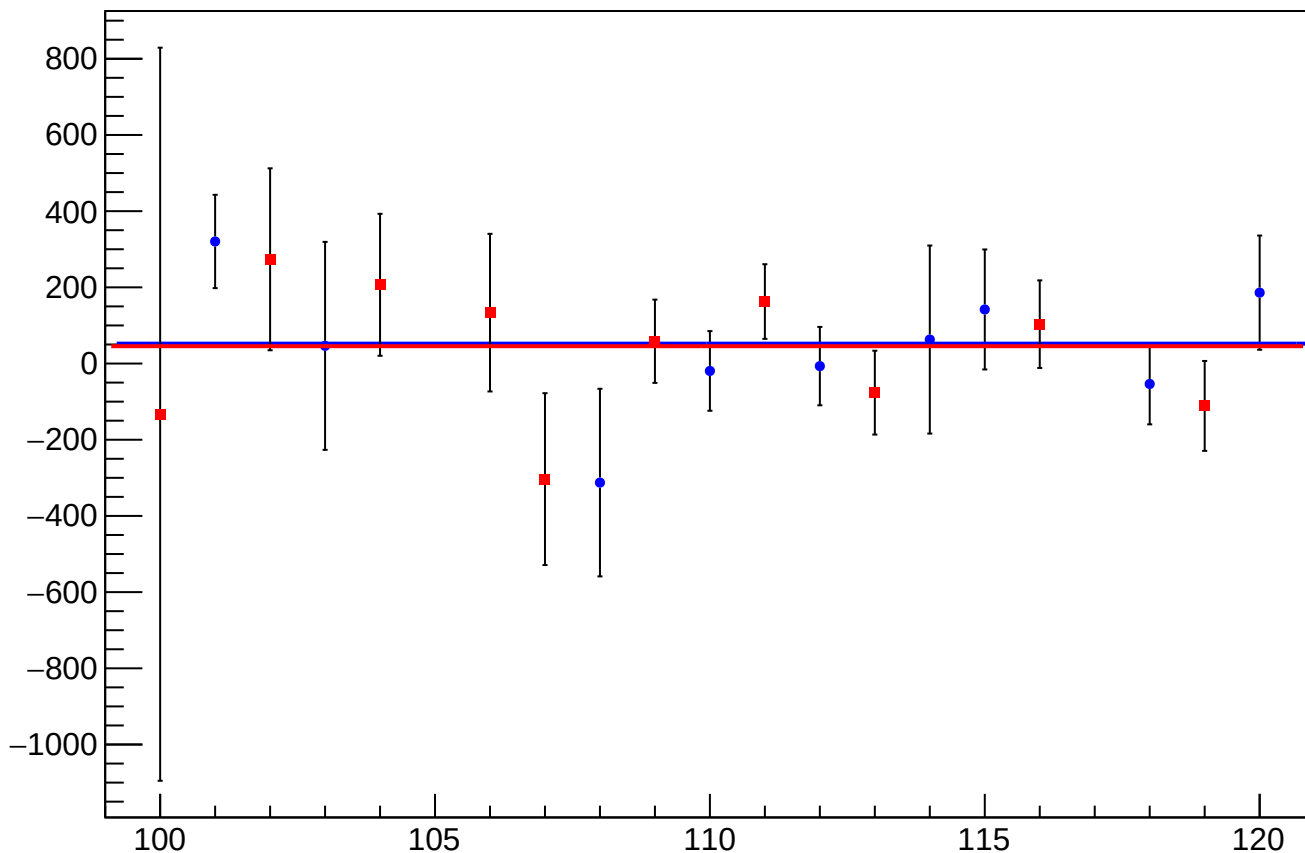
Right: 638.450+/-0.166 χ^2/NDF : 512750.9/18

In: 682.767+/-0.255 χ^2/NDF : 98809.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 638.450+/-0.166 χ^2/NDF : 512750.9/18

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 52.222+/-45.990 χ^2/NDF : 9.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.559+/-44.349 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

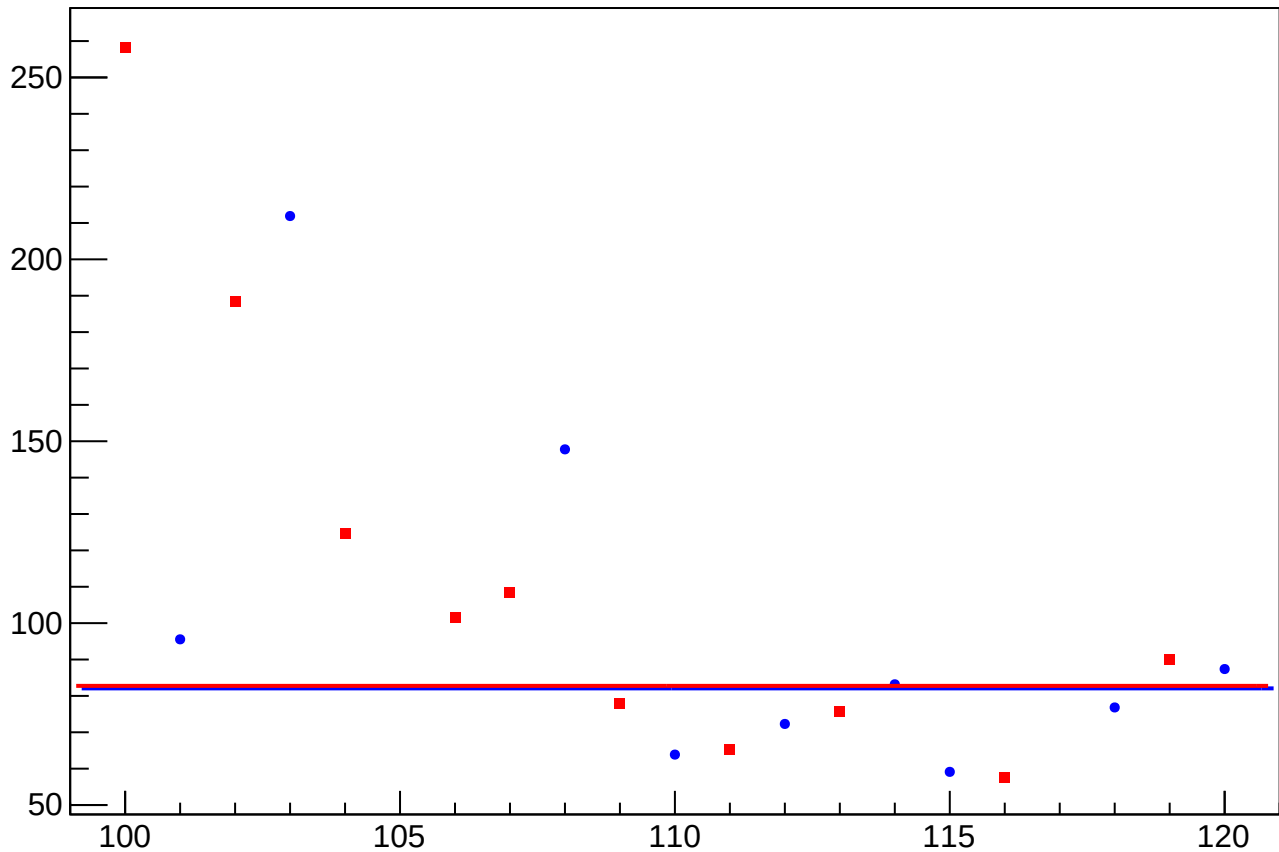
Right: 48.770+/-31.924 χ^2/NDF : 18.9/18

In: 52.222+/-45.990 χ^2/NDF : 9.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.770+/-31.924 χ^2/NDF : 18.9/18

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 82.067+/-0.033 χ^2/NDF : 747745.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.758+/-0.031 χ^2/NDF : 781918.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

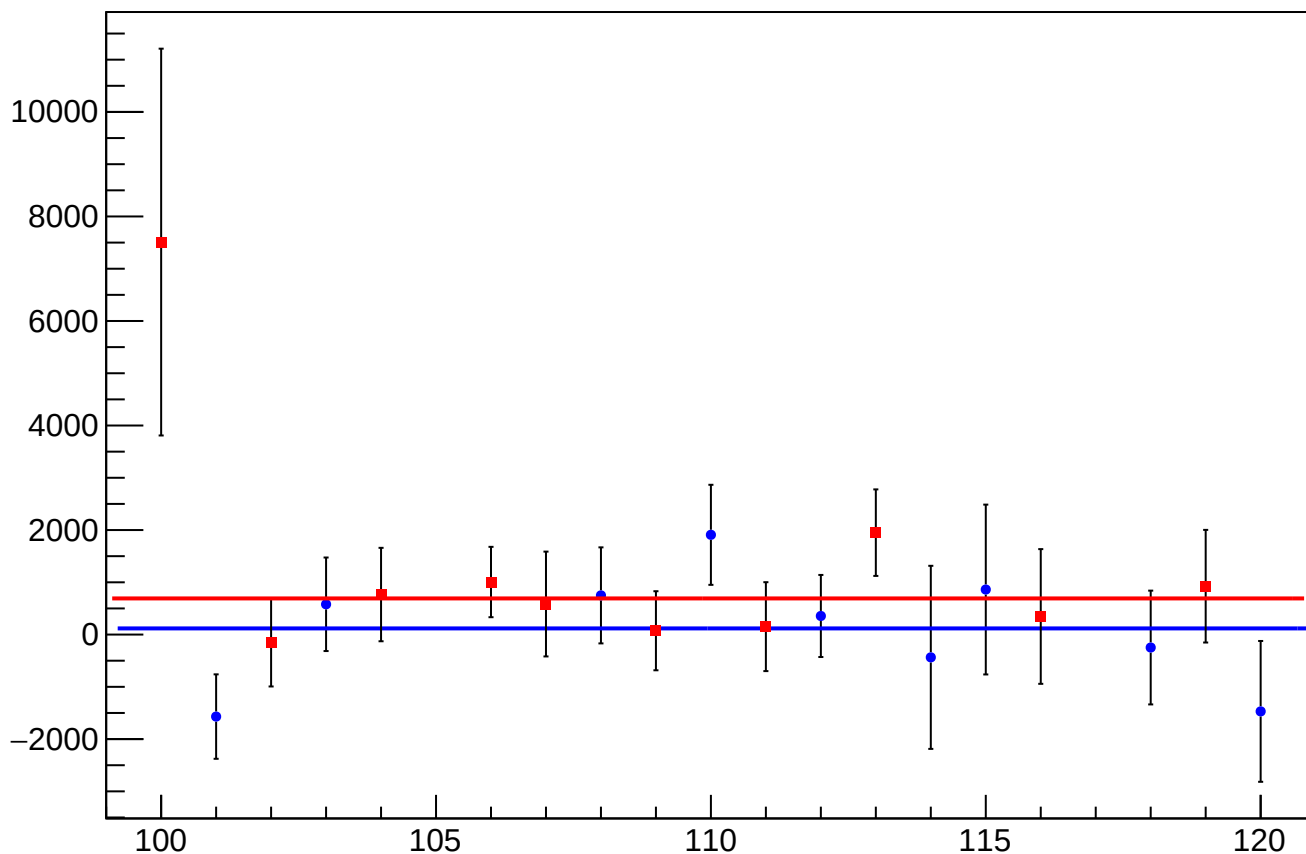
Right: 82.425+/-0.023 χ^2/NDF : 1529897.7/18

In: 82.067+/-0.033 χ^2/NDF : 747745.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.425+/-0.023 χ^2/NDF : 1529897.7/18

asym_sam_37_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 117.727+/-337.507 χ^2/NDF : 10.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 691.440+/-288.873 χ^2/NDF : 8.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

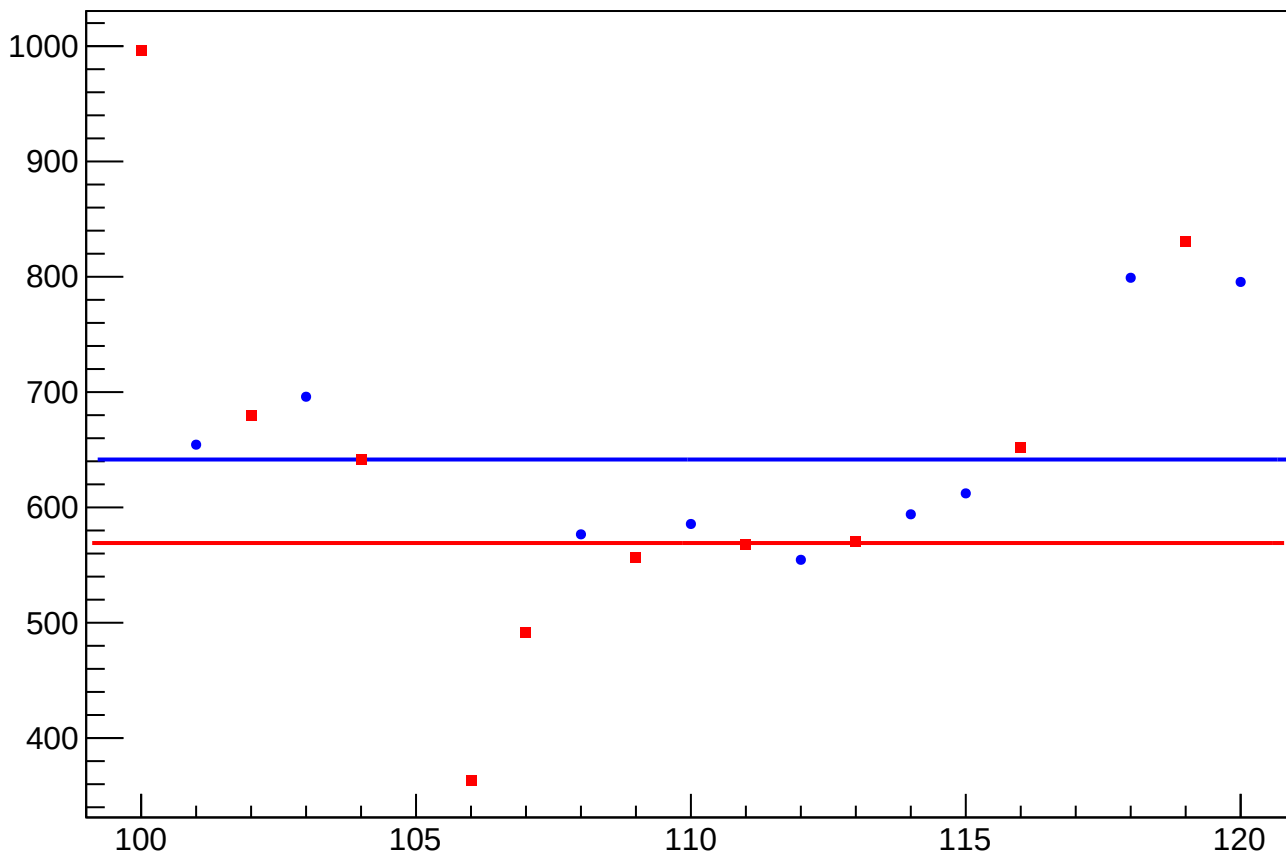
Right: 448.862+/-219.463 χ^2/NDF : 20.3/18

In: 117.727+/-337.507 χ^2/NDF : 10.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 448.862+/-219.463 χ^2/NDF : 20.3/18

asym_sam_37_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 641.544+/-0.239 χ^2/NDF : 119413.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 569.126+/-0.204 χ^2/NDF : 399721.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

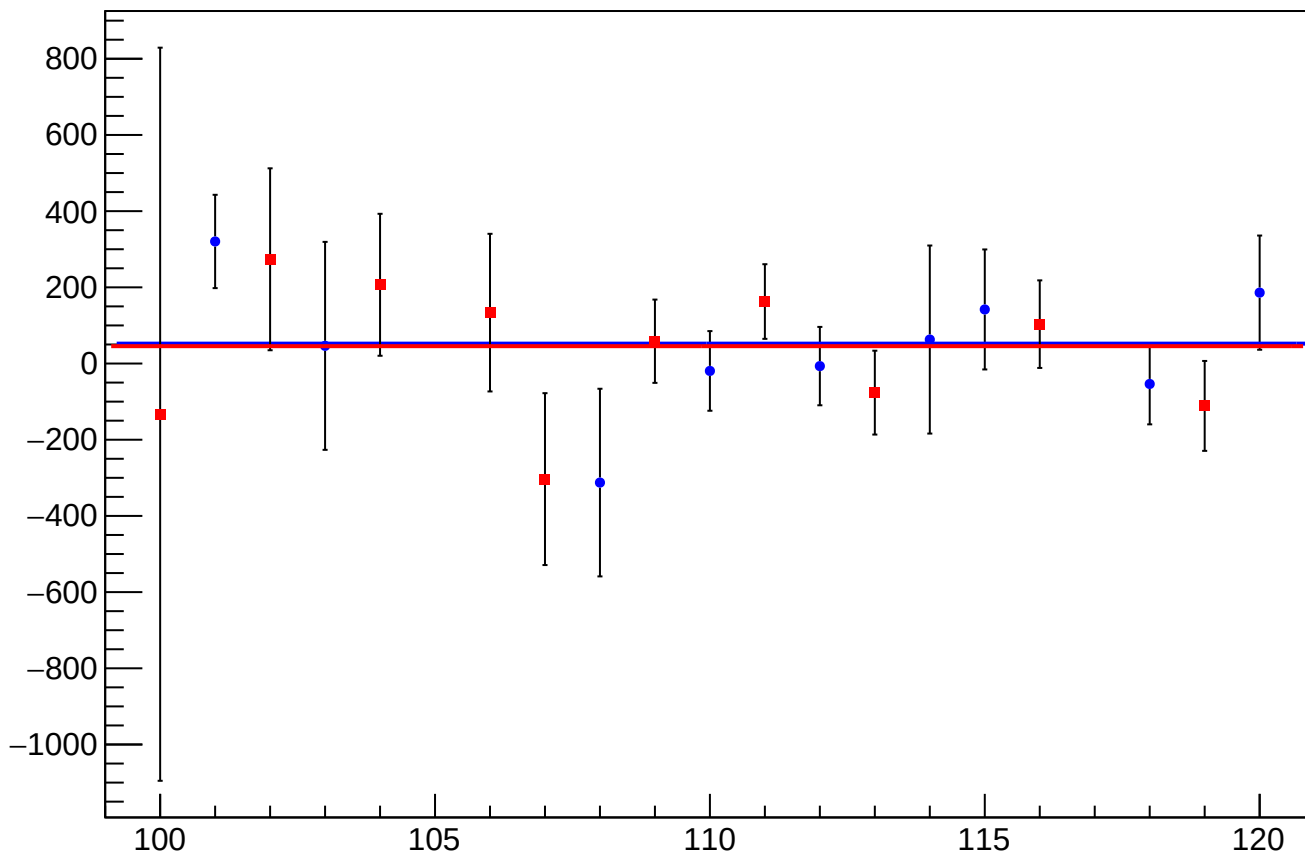
Right: 599.746+/-0.155 χ^2/NDF : 572280.3/18

In: 641.544+/-0.239 χ^2/NDF : 119413.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 599.746+/-0.155 χ^2/NDF : 572280.3/18

eigen_dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 52.222+/-45.990 χ^2/NDF : 9.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.558+/-44.349 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

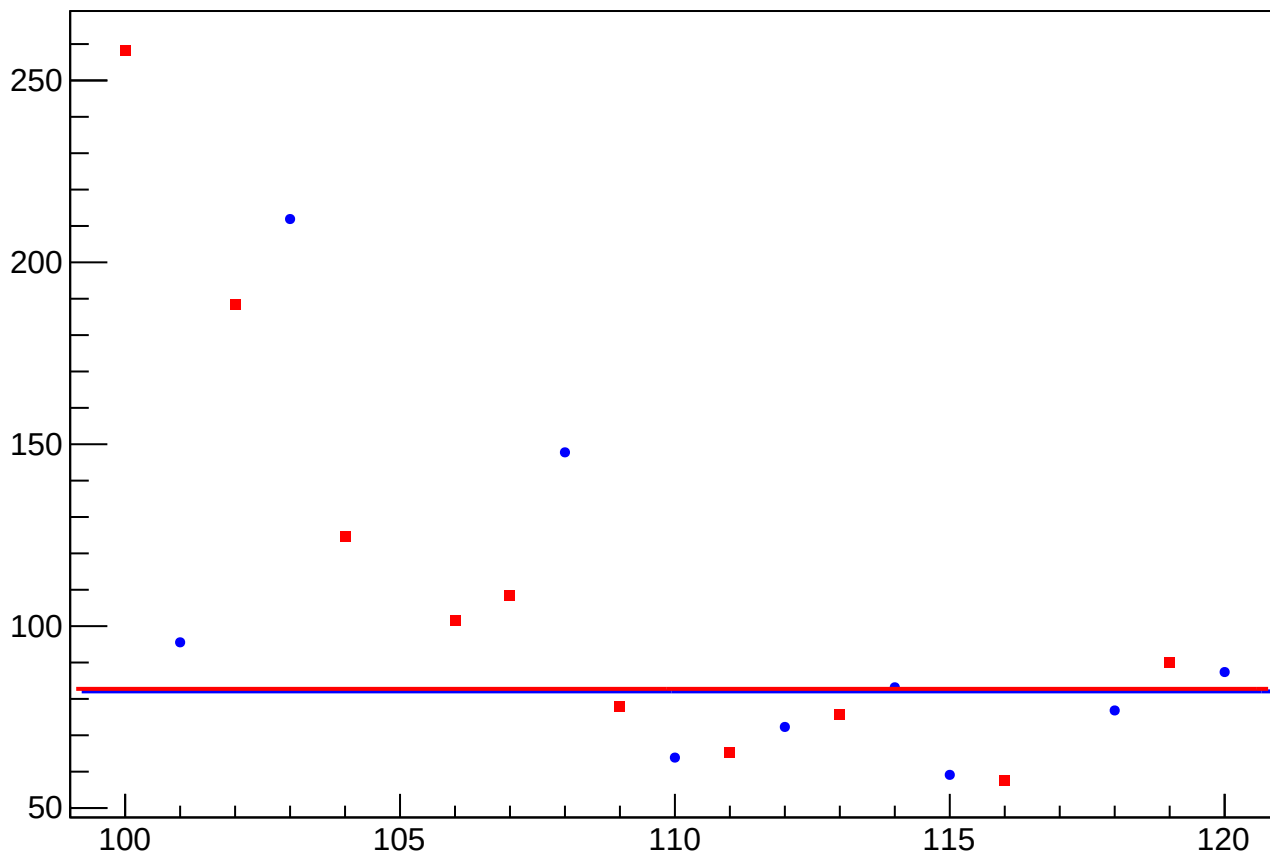
Right: 48.769+/-31.924 χ^2/NDF : 18.9/18

In: 52.222+/-45.990 χ^2/NDF : 9.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.769+/-31.924 χ^2/NDF : 18.9/18

eigen_dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 82.067+/-0.033 χ^2/NDF : 747752.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.758+/-0.031 χ^2/NDF : 781913.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

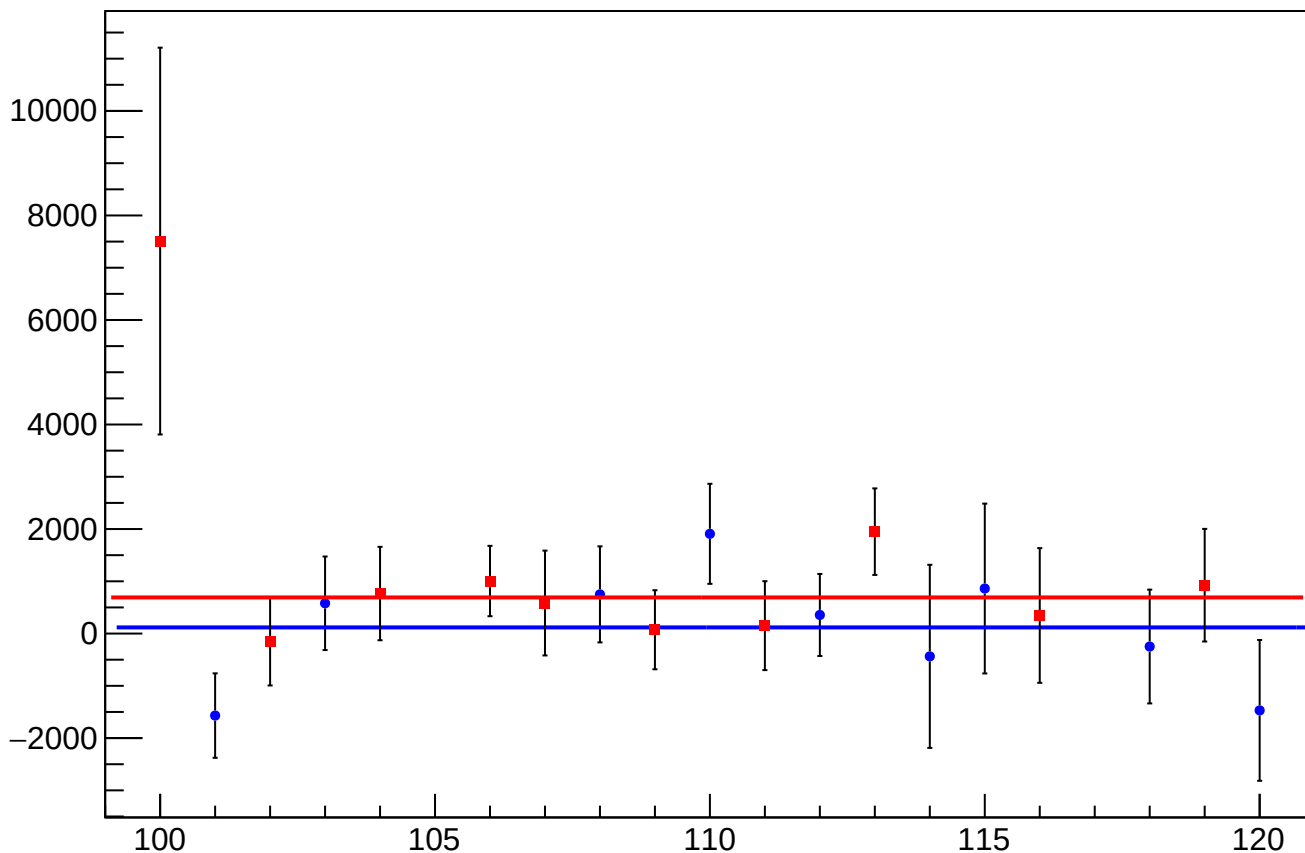
Right: 82.425+/-0.023 χ^2/NDF : 1529899.6/18

In: 82.067+/-0.033 χ^2/NDF : 747752.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.425+/-0.023 χ^2/NDF : 1529899.6/18

asym_sam_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 117.727+/-337.507 χ^2/NDF : 10.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 691.439+/-288.872 χ^2/NDF : 8.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

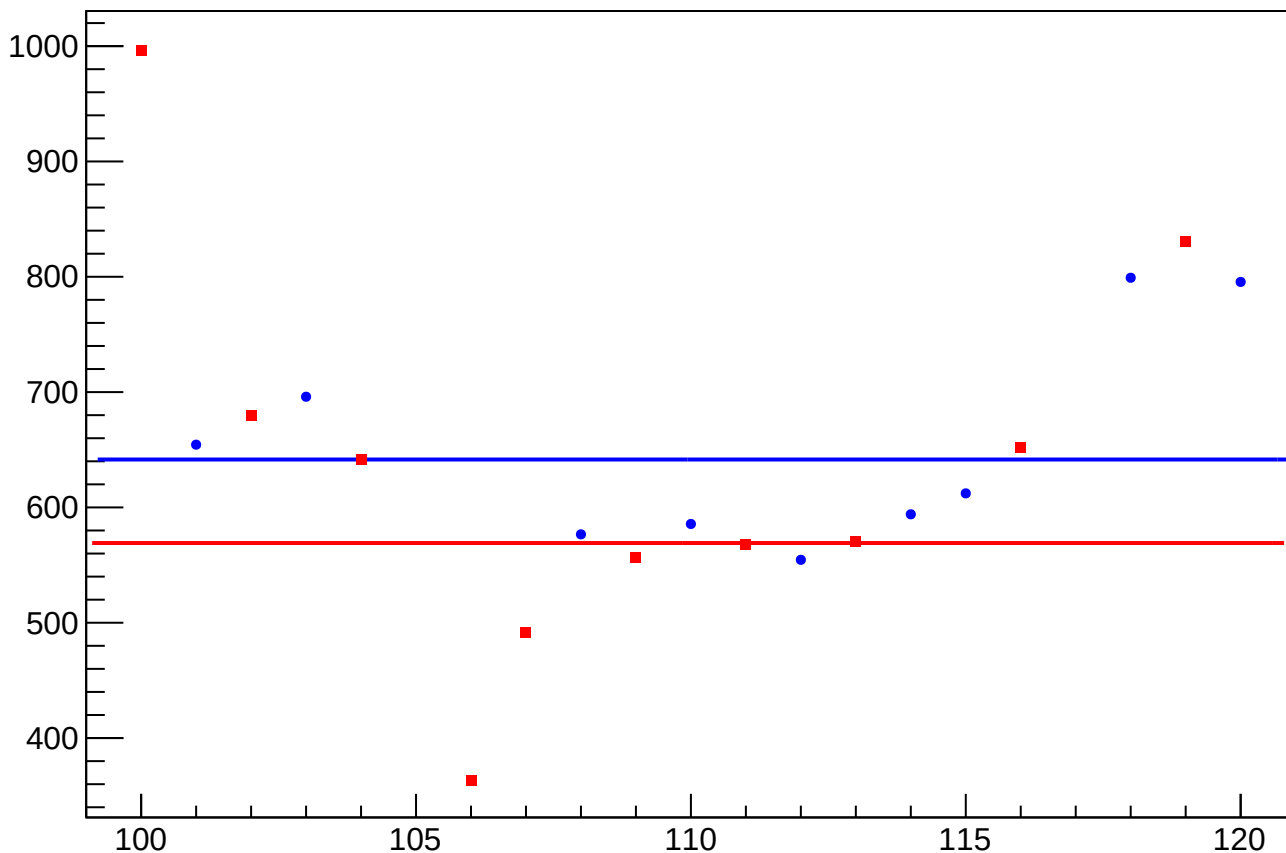
Right: 448.862+/-219.463 χ^2/NDF : 20.3/18

In: 117.727+/-337.507 χ^2/NDF : 10.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 448.862+/-219.463 χ^2/NDF : 20.3/18

asym_sam_37_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 641.544+/-0.239 χ^2/NDF : 119415.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 569.125+/-0.204 χ^2/NDF : 399723.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

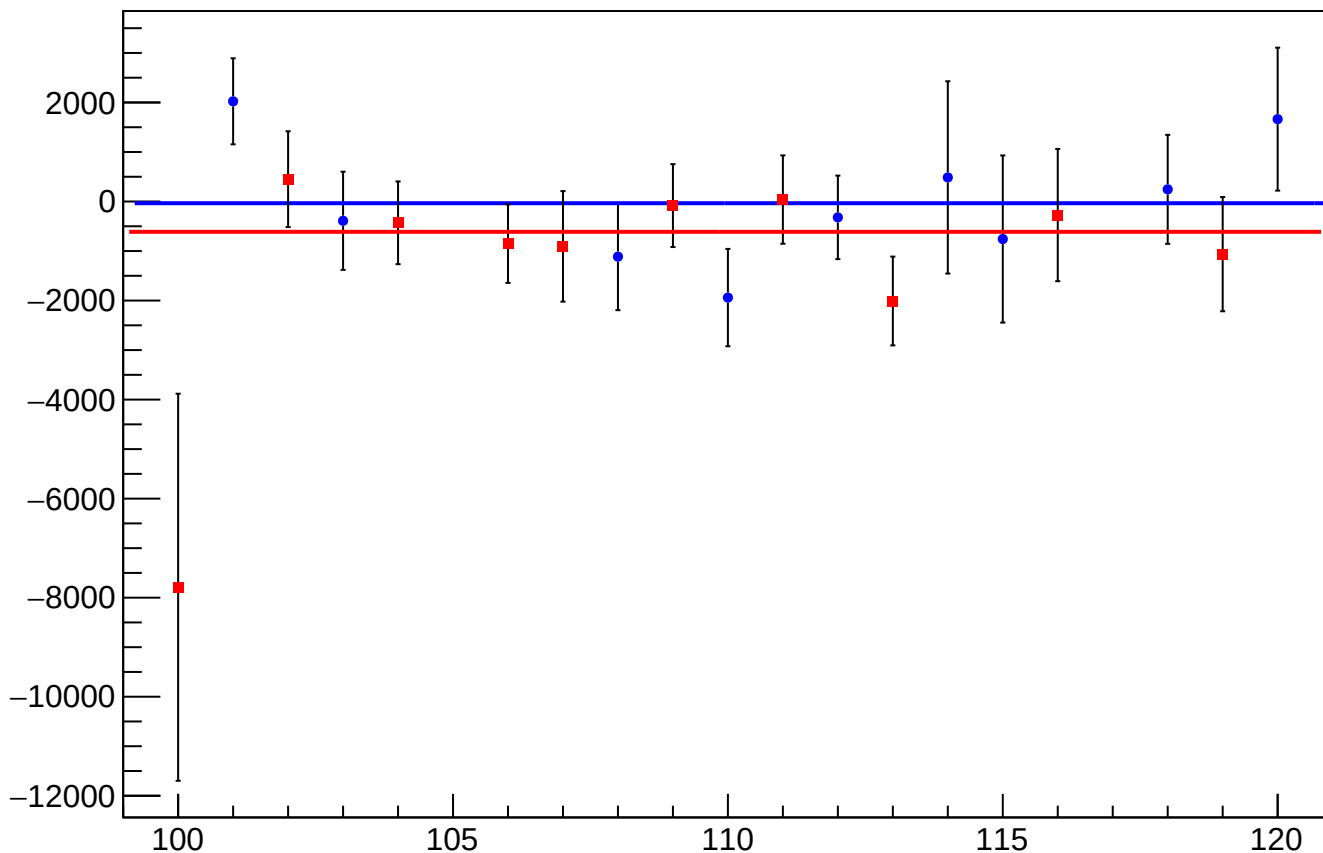
Right: 599.745+/-0.155 χ^2/NDF : 572284.9/18

In: 641.544+/-0.239 χ^2/NDF : 119415.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 599.745+/-0.155 χ^2/NDF : 572284.9/18

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: -34.361+/-363.675 χ^2/NDF : 12.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -611.853+/-313.076 χ^2/NDF : 8.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

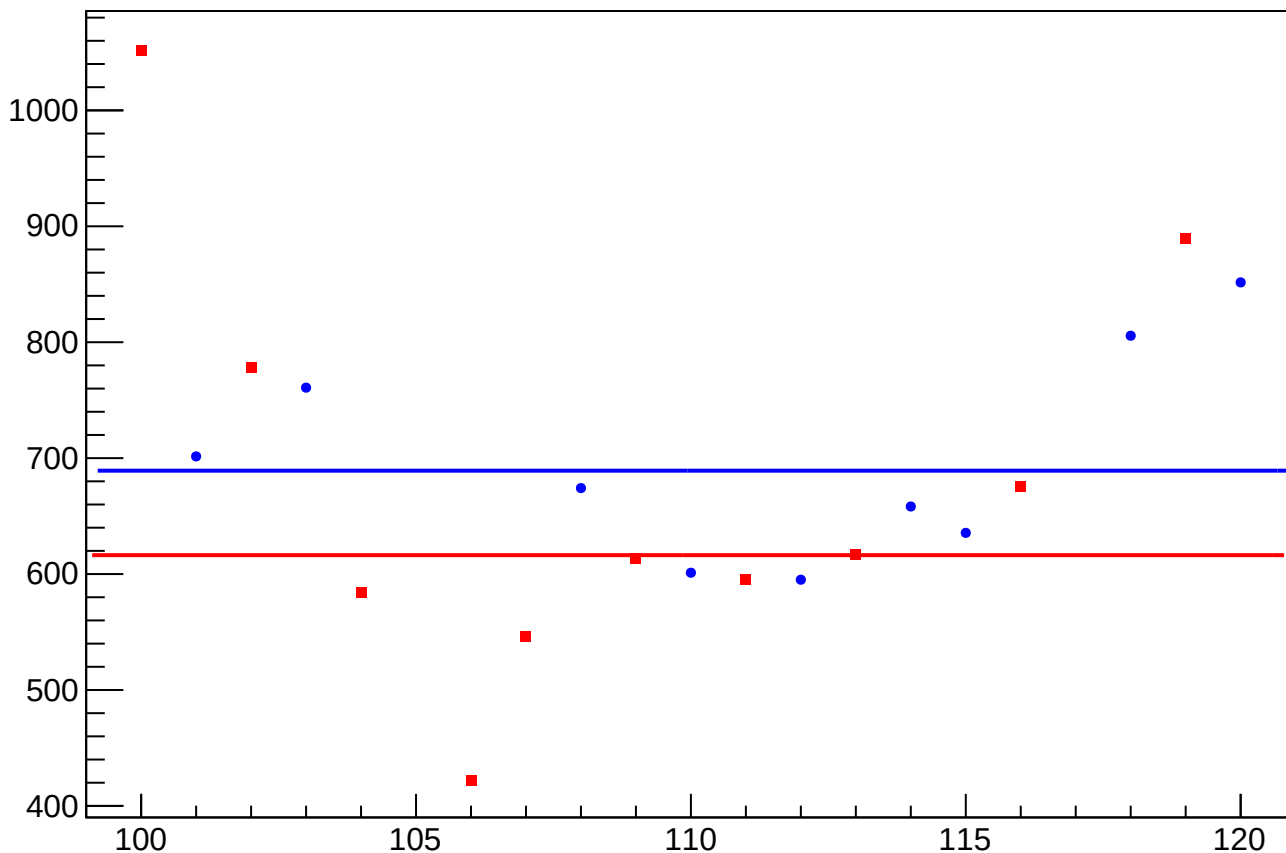
Right: -366.044+/-237.268 χ^2/NDF : 22.1/18

In: -34.361+/-363.675 χ^2/NDF :12.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -366.044+/-237.268 χ^2/NDF : 22.1/18

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 689.191+/-0.257 χ^2/NDF : 102401.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 616.315+/-0.221 χ^2/NDF : 328326.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

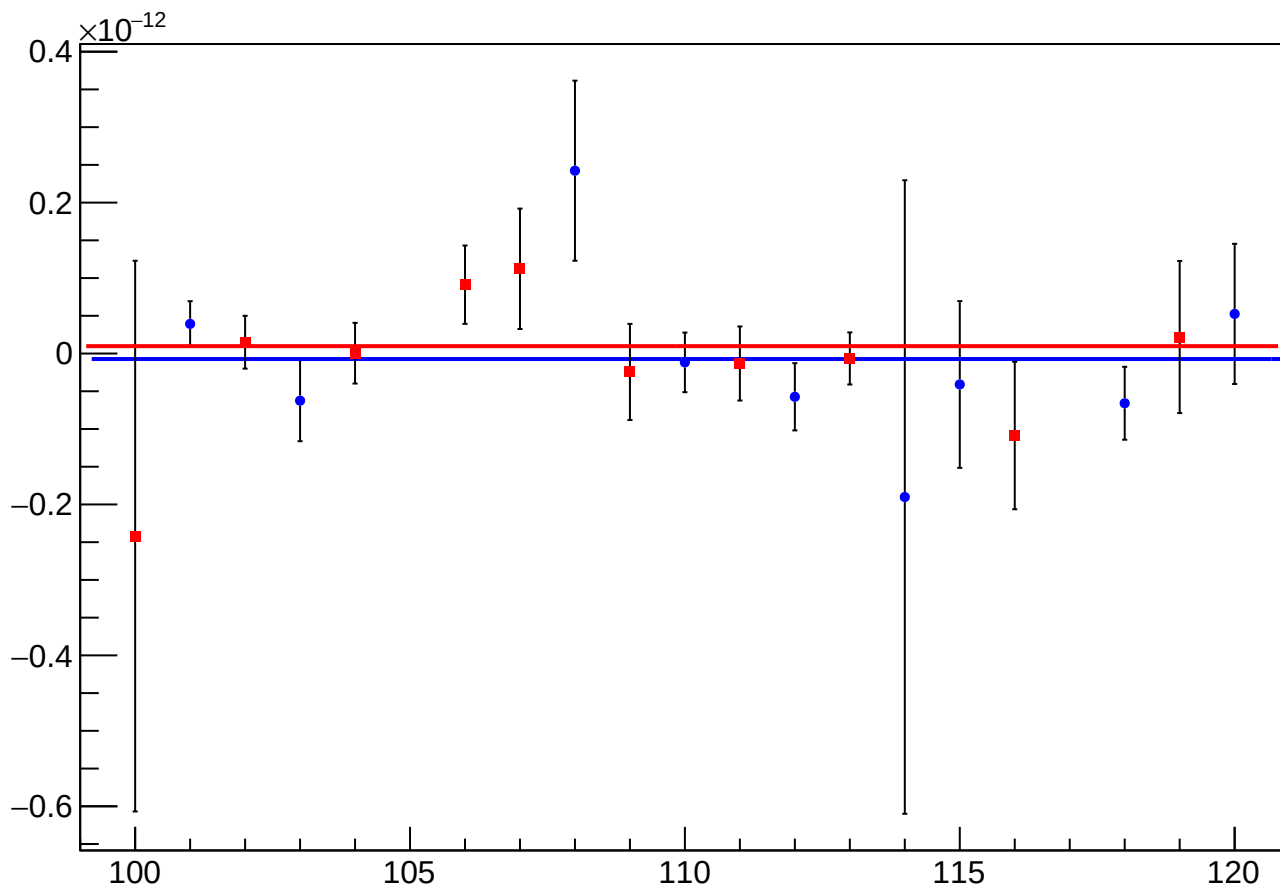
Right: 647.335+/-0.168 χ^2/NDF : 476854.6/18

In: 689.191+/-0.257 χ^2/NDF : 102401.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 647.335+/-0.168 χ^2/NDF : 476854.6/18

asym_sam_37_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

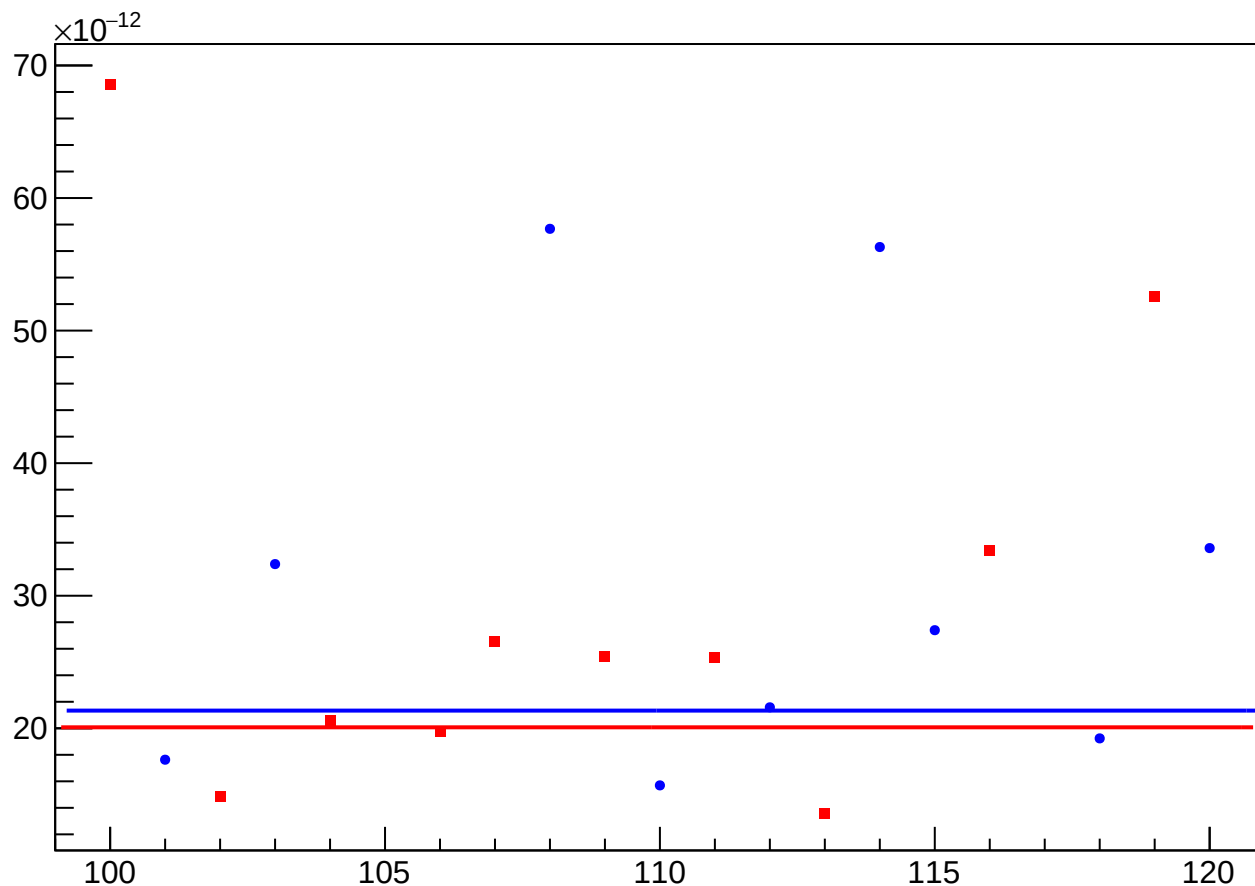
Right: 0.000+/-0.000 χ^2/NDF : 18.7/18

In: -0.000+/-0.000 χ^2/NDF : 11.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.7/18

asym_sam_37_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 399781.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 446487.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

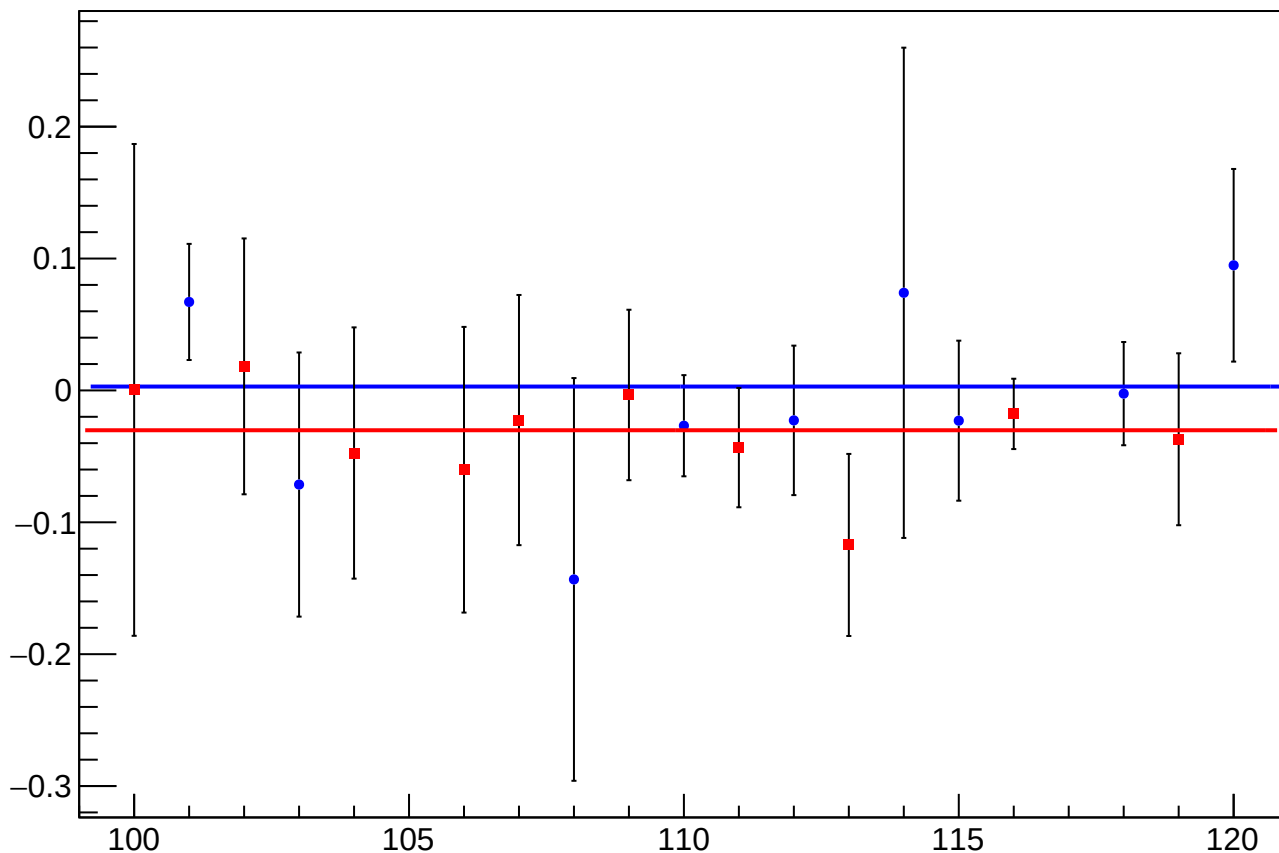
Right: 0.000+/-0.000 χ^2/NDF : 851799.0/18

In: 0.000+/-0.000 χ^2/NDF : 399781.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 851799.0/18

asym_sam_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003+/-0.019 χ^2/NDF : 6.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.030+/-0.018 χ^2/NDF : 2.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

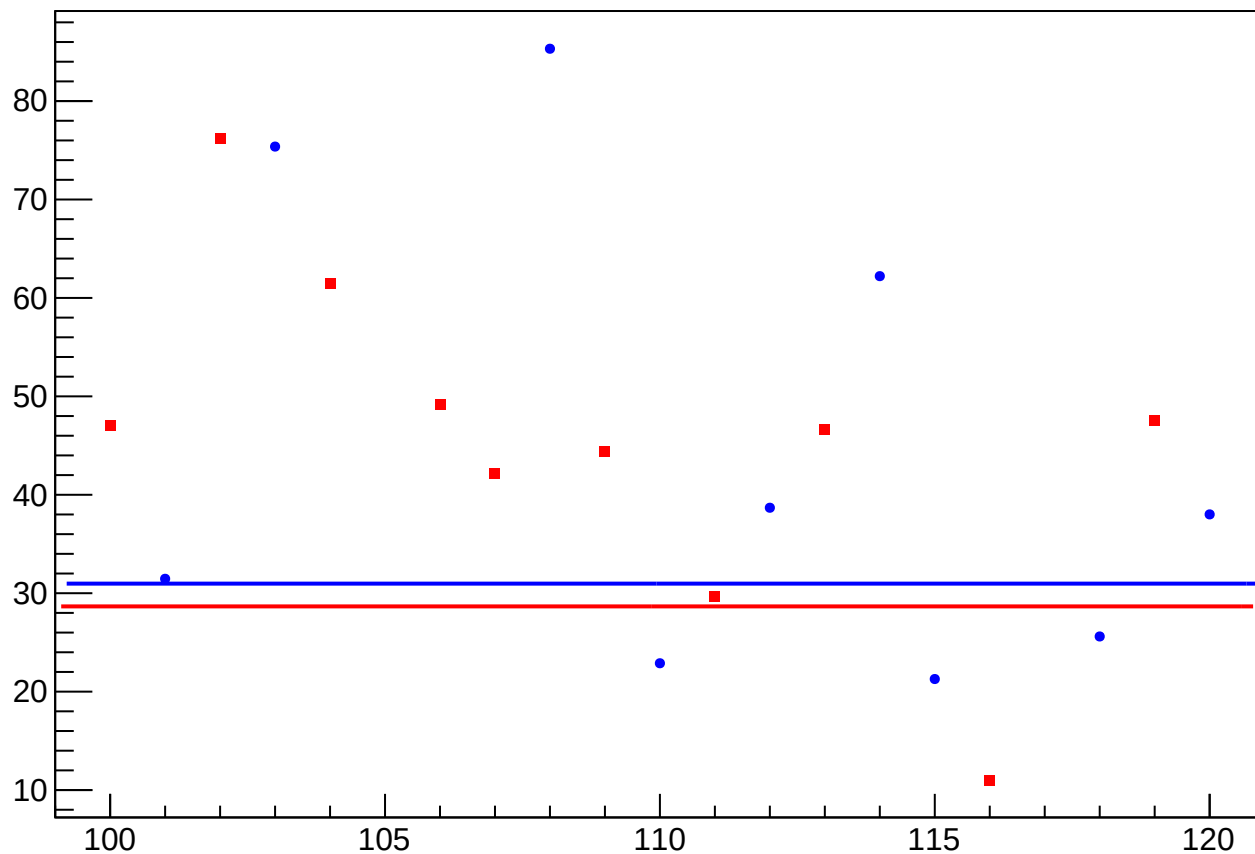
Right: -0.014+/-0.013 χ^2/NDF : 10.4/18

In: 0.003+/-0.019 χ^2/NDF : 6.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.014+/-0.013 χ^2/NDF : 10.4/18

asym_sam_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.974+/-0.013 χ^2/NDF : 936456.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.660+/-0.013 χ^2/NDF : 2152872.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

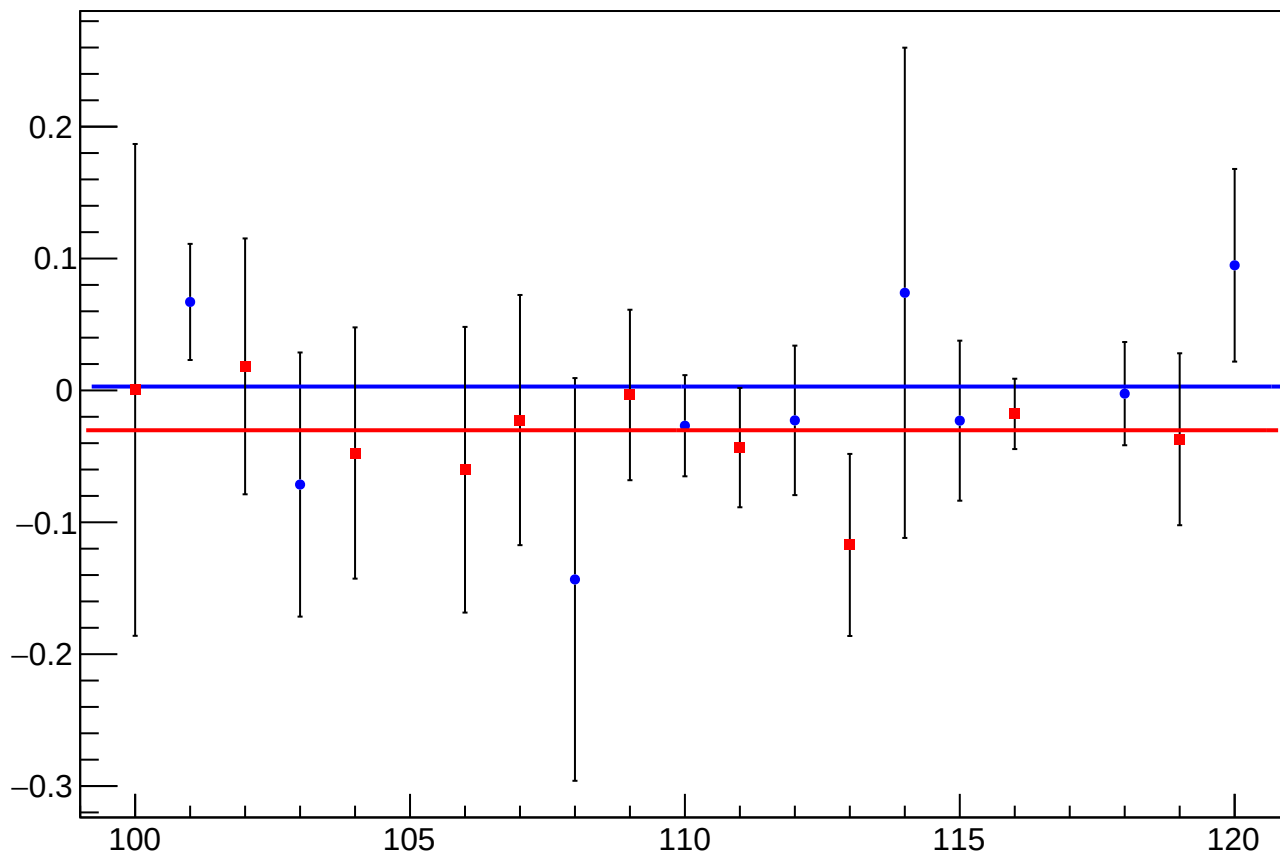
Right: 29.771+/-0.009 χ^2/NDF : 3104854.1/18

In: 30.974+/-0.013 χ^2/NDF : 936456.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.771+/-0.009 χ^2/NDF : 3104854.1/18

asym_sam_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003+/-0.019 χ^2/NDF : 6.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.030+/-0.018 χ^2/NDF : 2.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

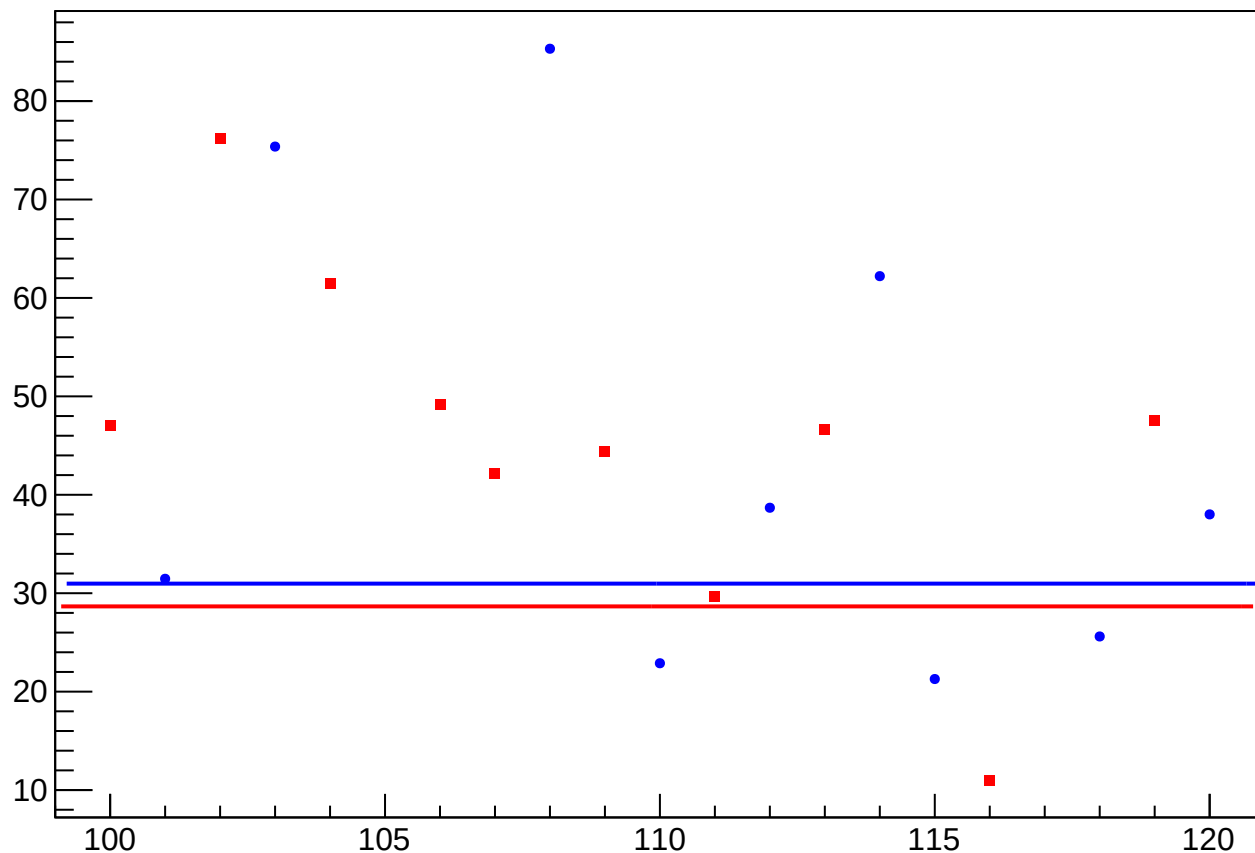
Right: -0.014+/-0.013 χ^2/NDF : 10.4/18

In: 0.003+/-0.019 χ^2/NDF :6.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.014+/-0.013 χ^2/NDF : 10.4/18

asym_sam_37_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.974+/-0.013 χ^2/NDF : 936456.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.660+/-0.013 χ^2/NDF : 2152872.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

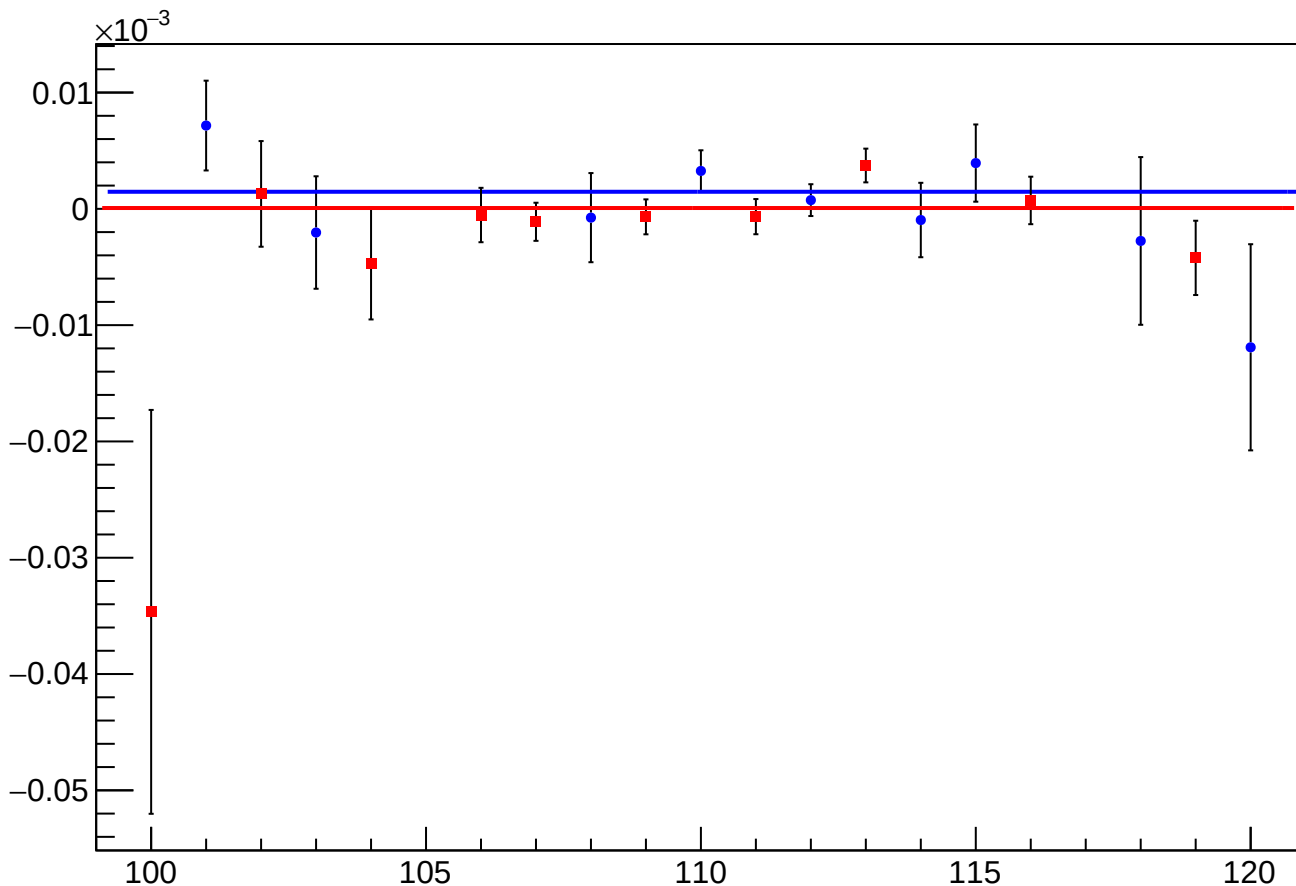
Right: 29.771+/-0.009 χ^2/NDF : 3104854.1/18

In: 30.974+/-0.013 χ^2/NDF : 936456.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.771+/-0.009 χ^2/NDF : 3104854.1/18

asym_sam_37_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

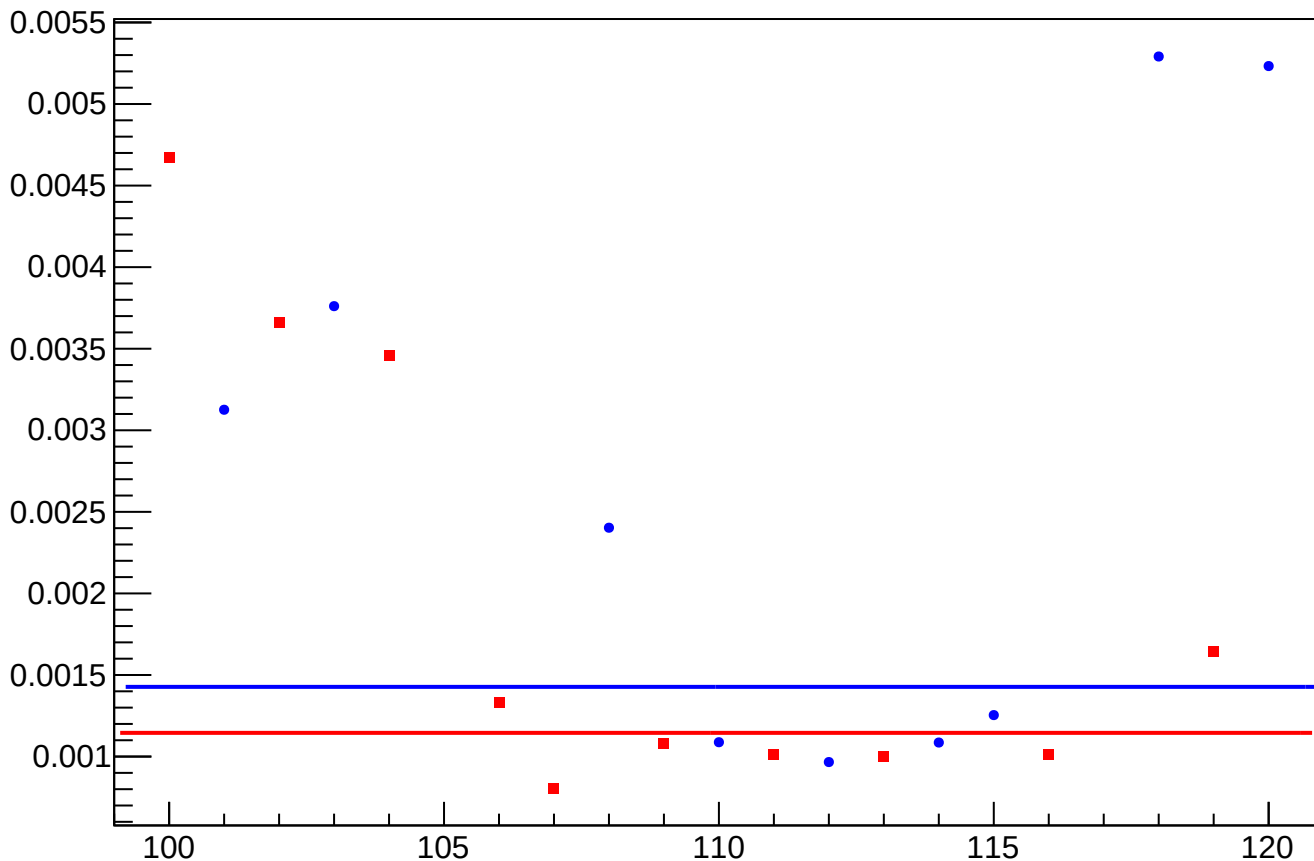
Right: 0.000+/-0.000 χ^2/NDF : 24.1/18

In: 0.000+/-0.000 χ^2/NDF : 8.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.1/18

asym_sam_37_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2253990.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1352868.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

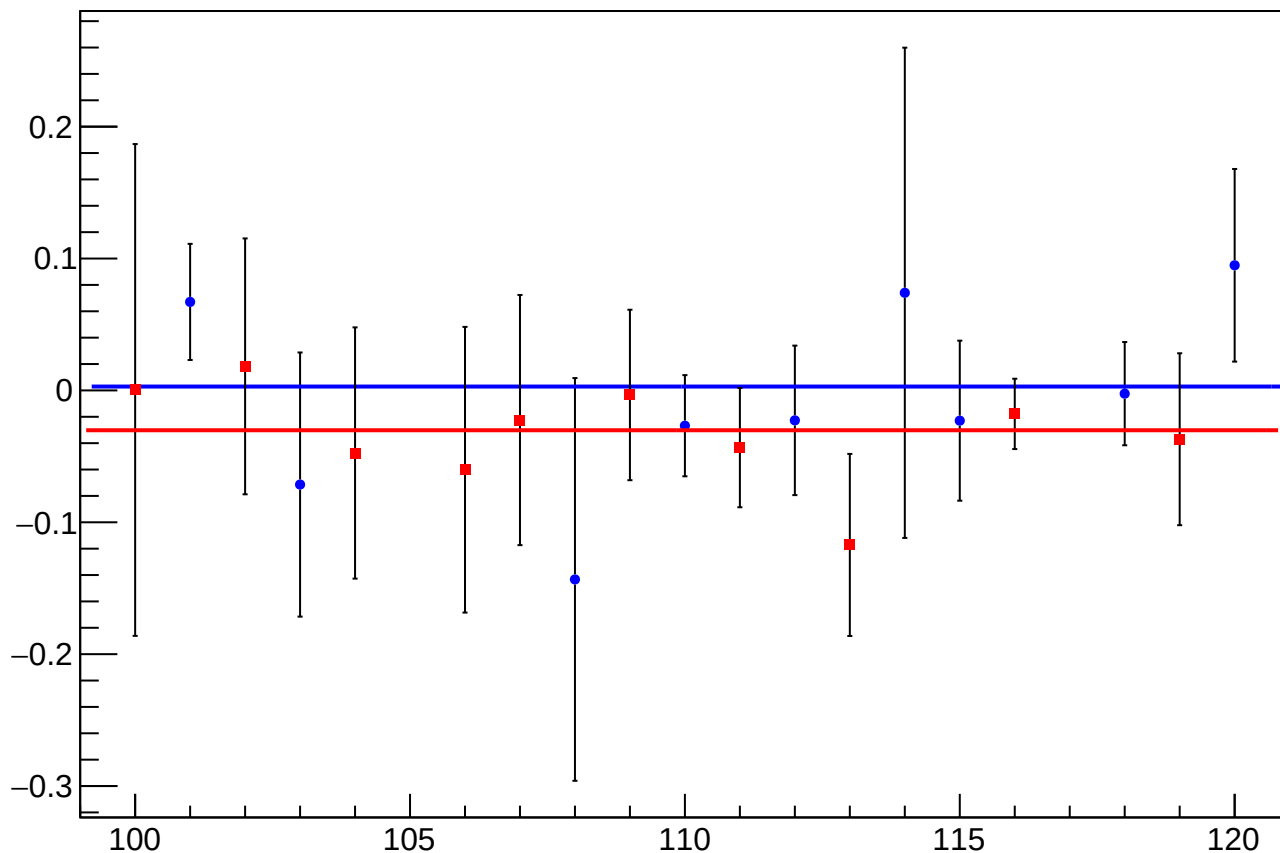
Right: 0.001+/-0.000 χ^2/NDF : 3736457.5/18

In: 0.001+/-0.000 χ^2/NDF :2253990.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3736457.5/18

asym_sam_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003+/-0.019 χ^2/NDF : 6.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.030+/-0.018 χ^2/NDF : 2.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

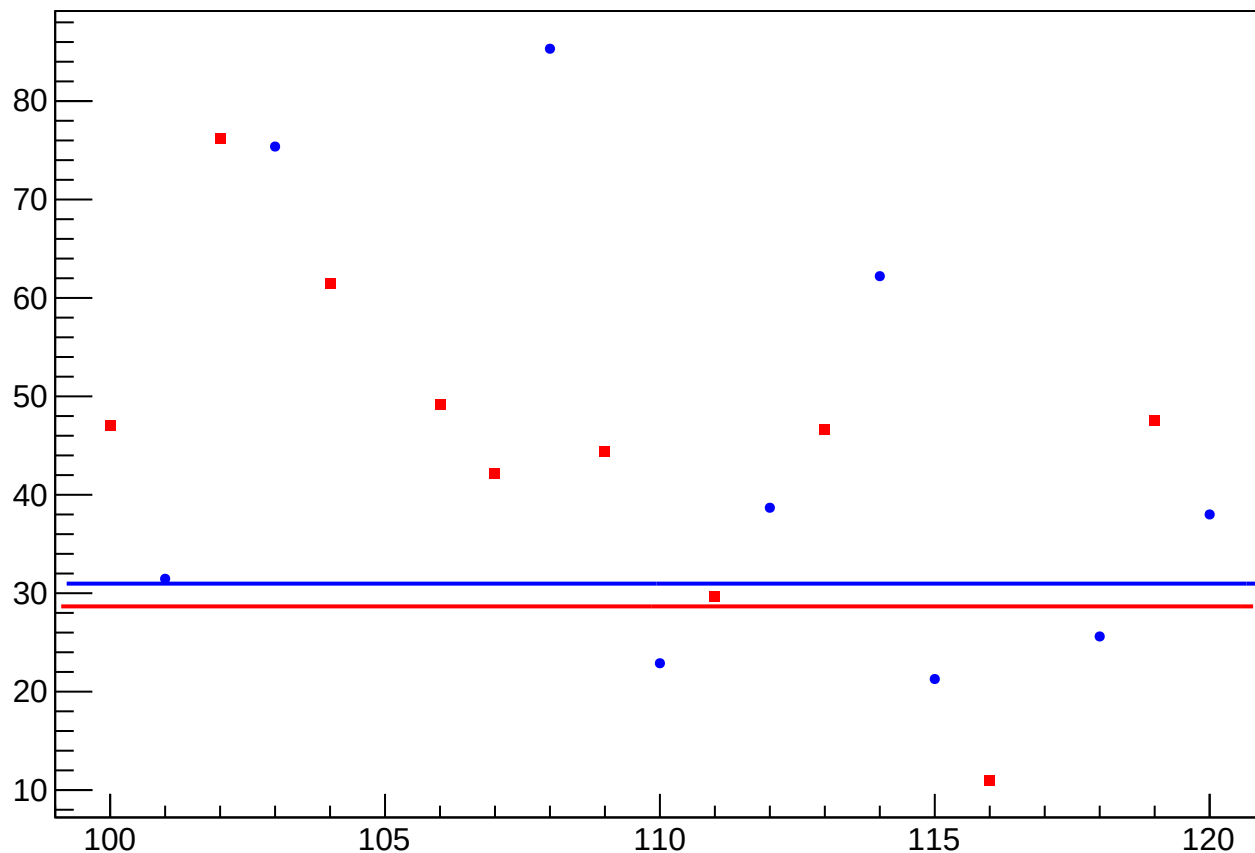
Right: -0.014+/-0.013 χ^2/NDF : 10.4/18

In: 0.003+/-0.019 χ^2/NDF :6.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.014+/-0.013 χ^2/NDF : 10.4/18

asym_sam_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.974+/-0.013 χ^2/NDF : 936426.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.660+/-0.013 χ^2/NDF : 2152793.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

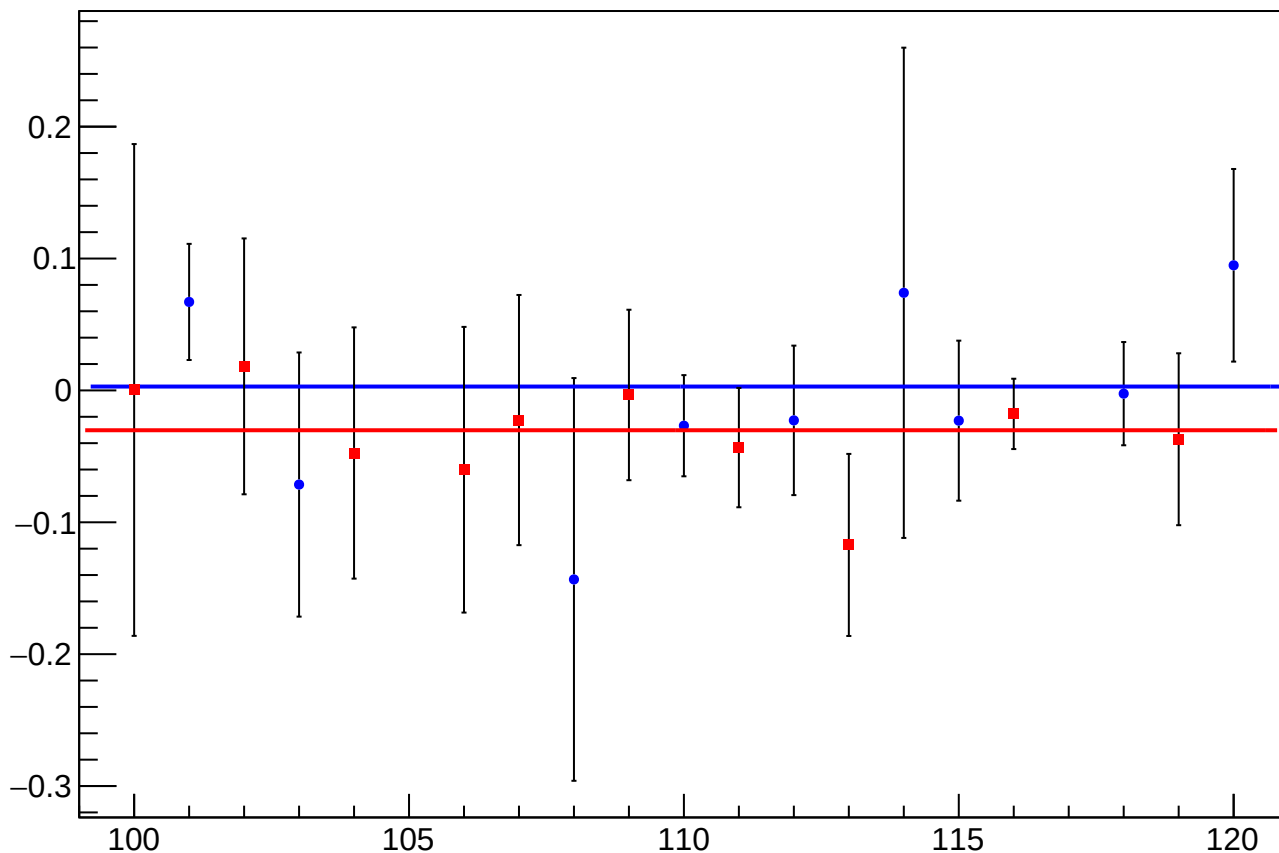
Right: 29.771+/-0.009 χ^2/NDF : 3104751.9/18

In: 30.974+/-0.013 χ^2/NDF : 936426.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.771+/-0.009 χ^2/NDF : 3104751.9/18

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003+/-0.019 χ^2/NDF : 6.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.030+/-0.018 χ^2/NDF : 2.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

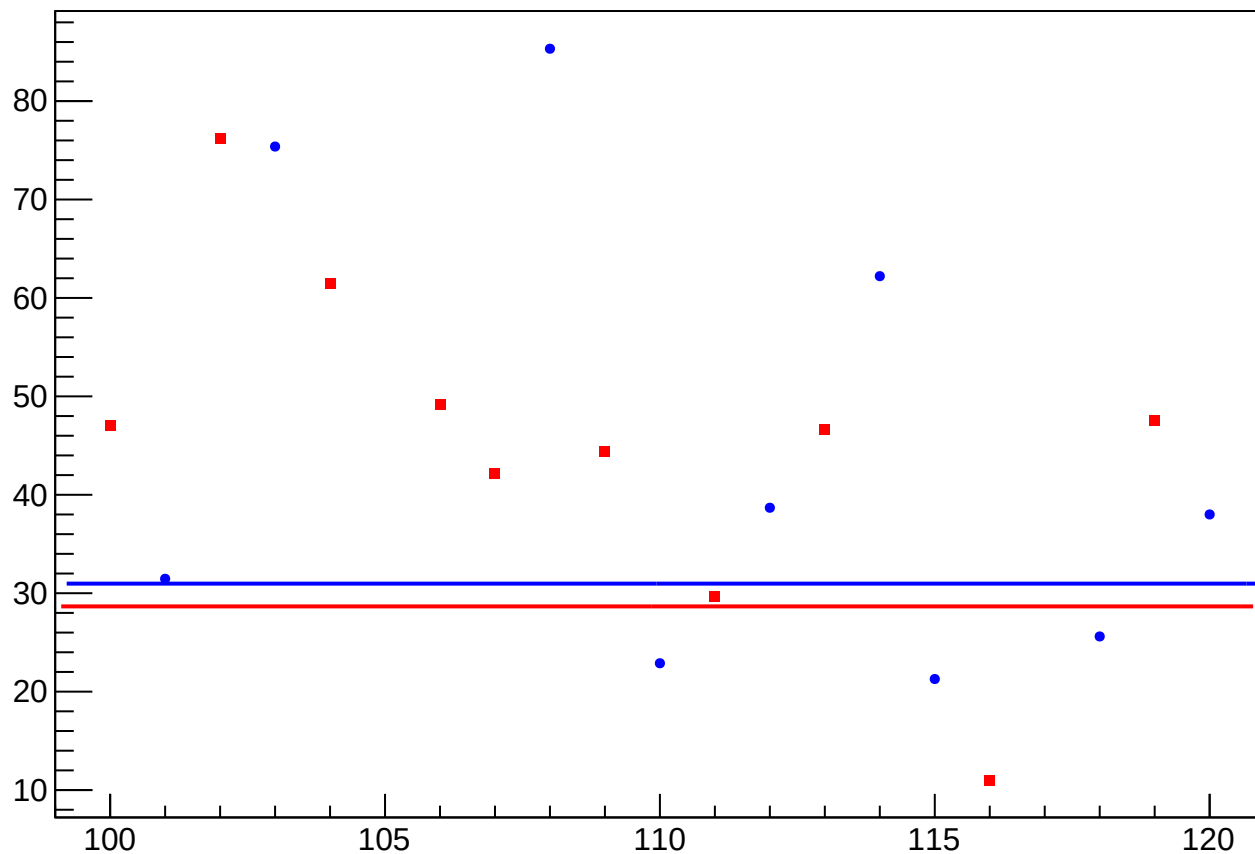
Right: -0.014+/-0.013 χ^2/NDF : 10.4/18

In: 0.003+/-0.019 χ^2/NDF : 6.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.014+/-0.013 χ^2/NDF : 10.4/18

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.974+/-0.013 χ^2/NDF : 936426.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.660+/-0.013 χ^2/NDF : 2152793.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

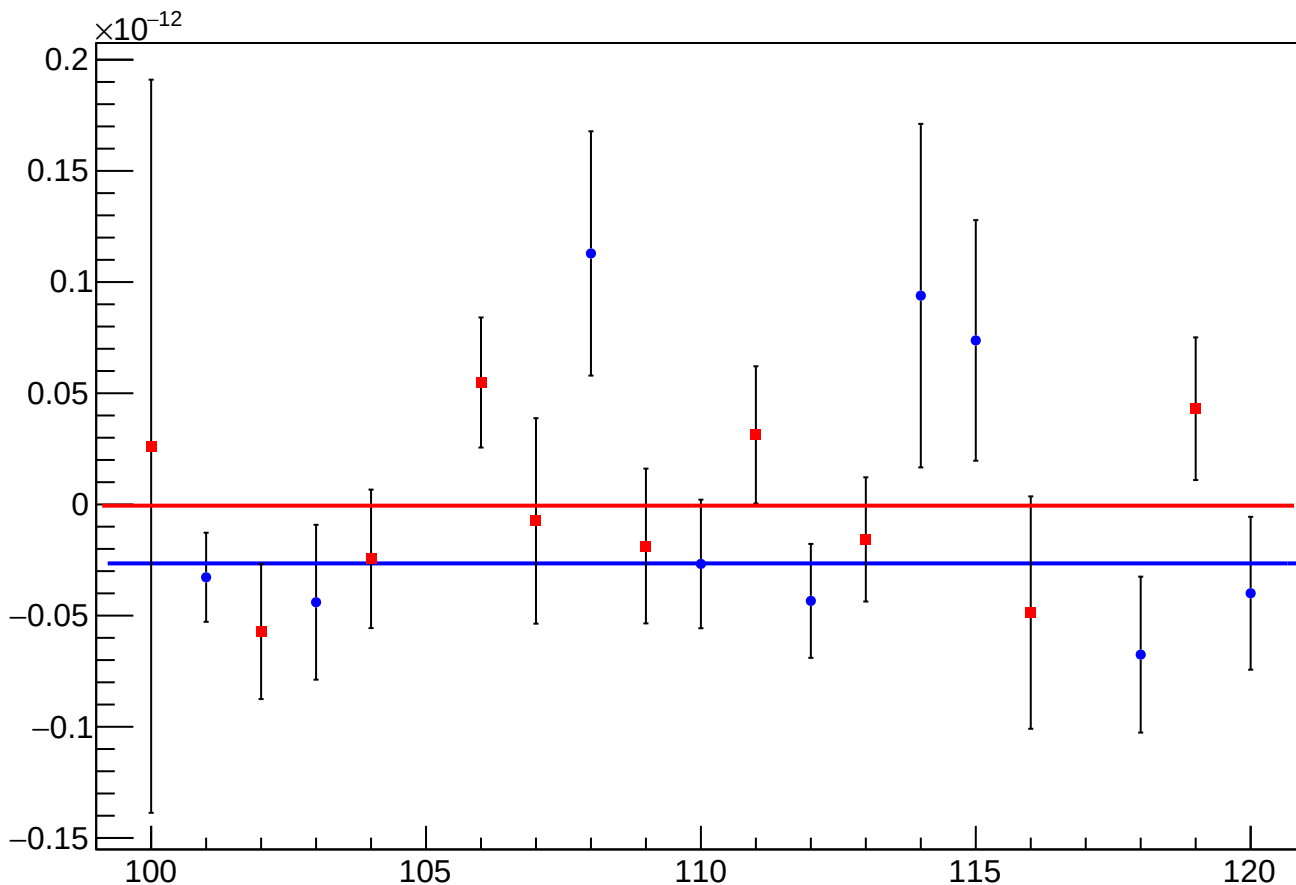
Right: 29.771+/-0.009 χ^2/NDF : 3104751.9/18

In: 30.974+/-0.013 χ^2/NDF : 936426.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.771+/-0.009 χ^2/NDF : 3104751.9/18

asym_sam_37_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

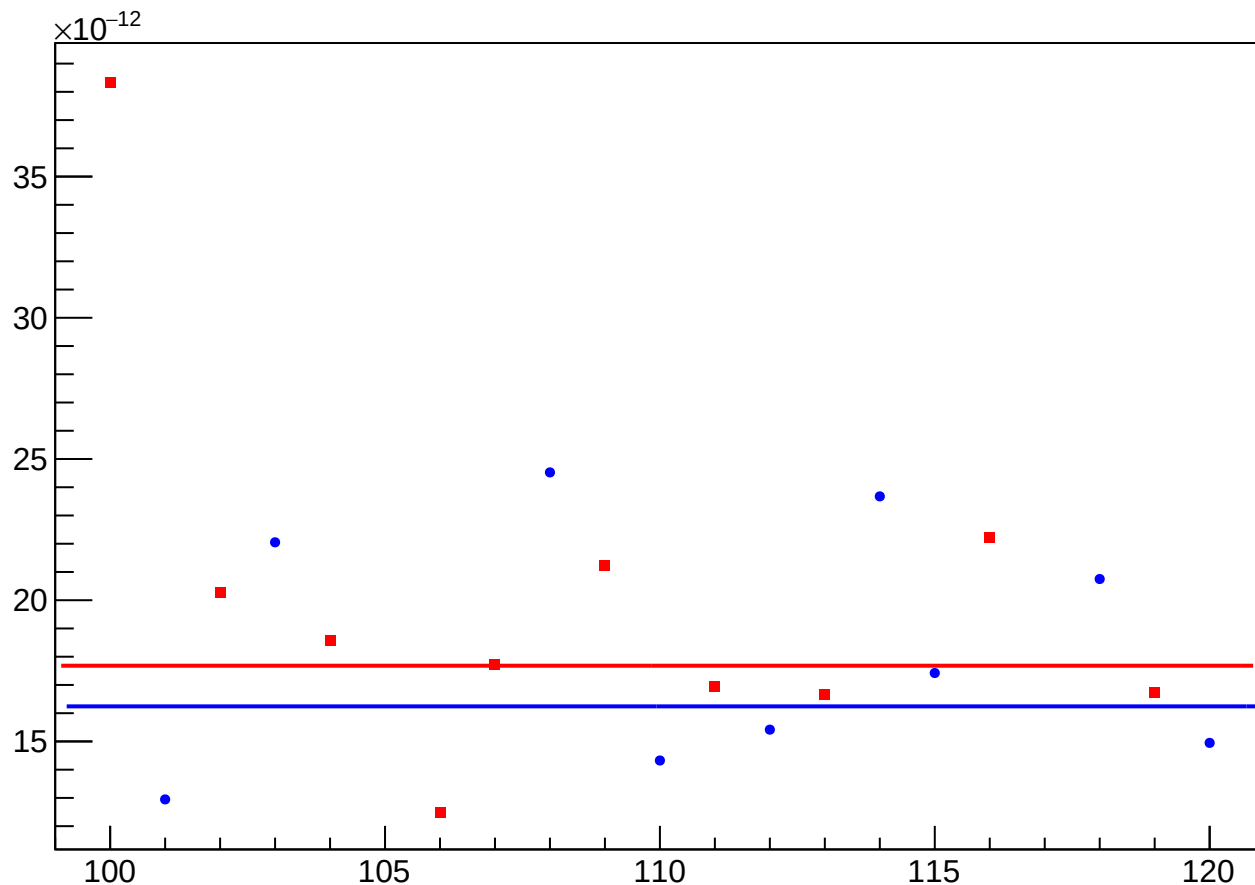
Right: -0.000+/-0.000 χ^2/NDF : 29.5/18

In: -0.000+/-0.000 χ^2/NDF : 14.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.5/18

asym_sam_37_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 221463.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 152010.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

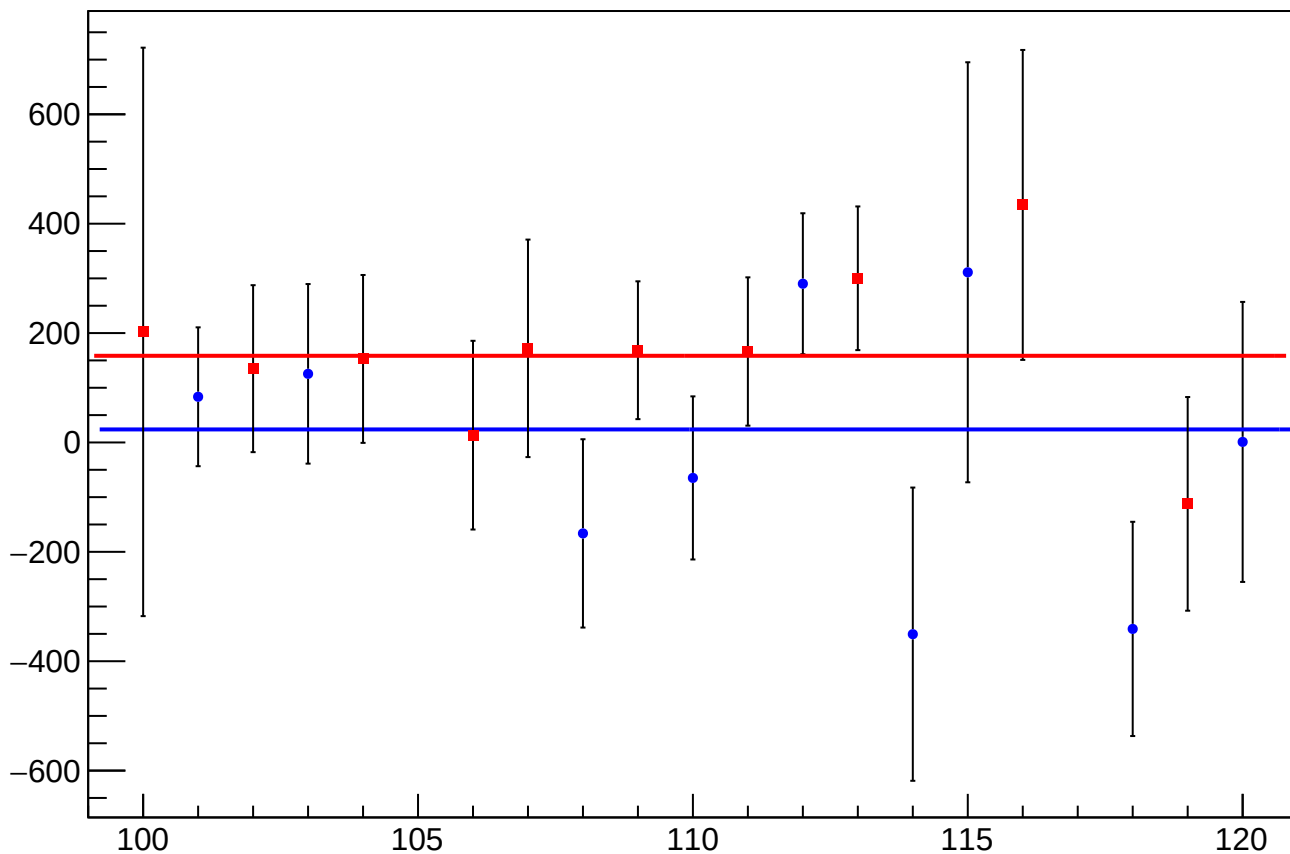
Right: 0.000+/-0.000 χ^2/NDF : 390902.0/18

In: 0.000+/-0.000 χ^2/NDF : 221463.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 390902.0/18

reg_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 23.816+/-57.726 χ^2/NDF : 12.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.458+/-52.562 χ^2/NDF : 4.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

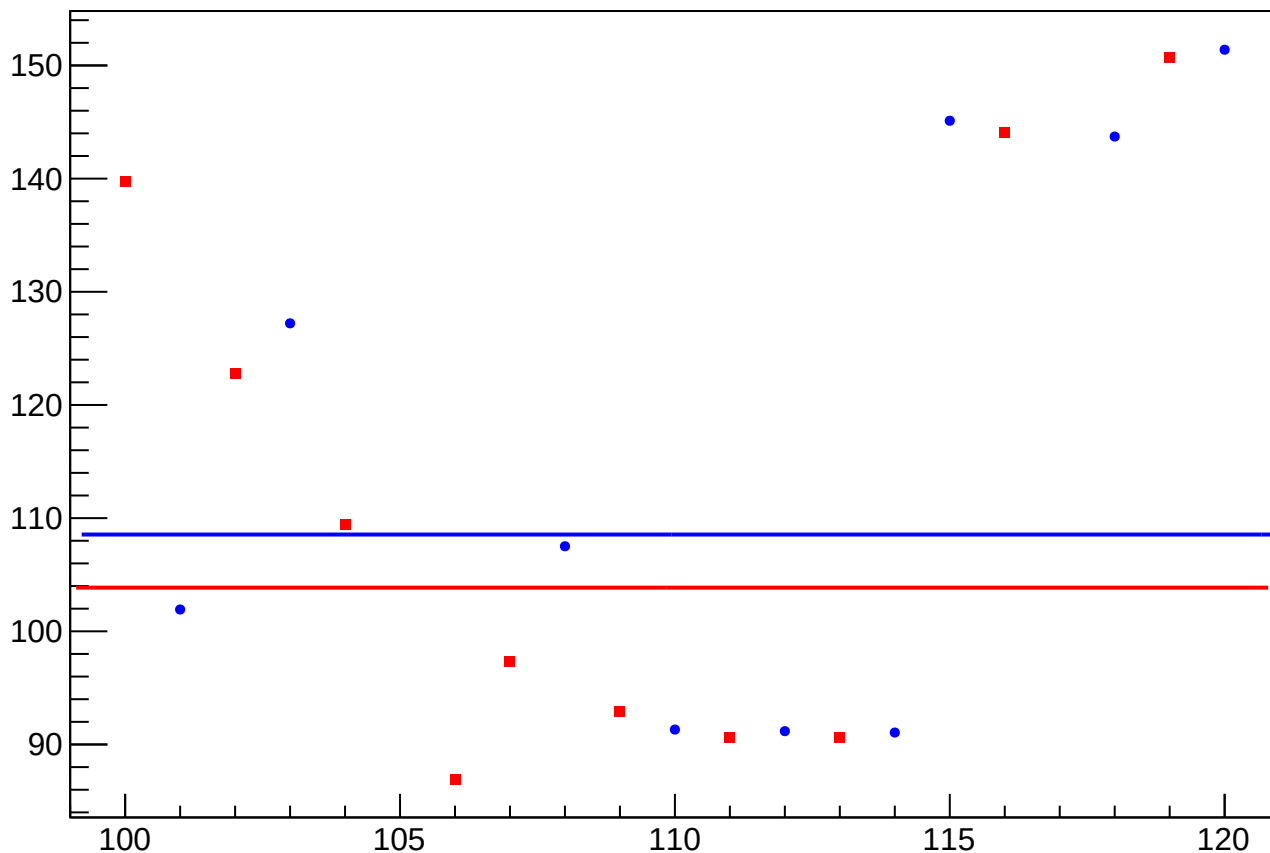
Right: 97.426+/-38.865 χ^2/NDF : 20.2/18

In: 23.816+/-57.726 χ^2/NDF : 12.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.426+/-38.865 χ^2/NDF : 20.2/18

reg_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 108.551 $\pm$ 0.041 χ^2 /NDF: 241551.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 103.858 $\pm$ 0.037 χ^2 /NDF: 274200.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

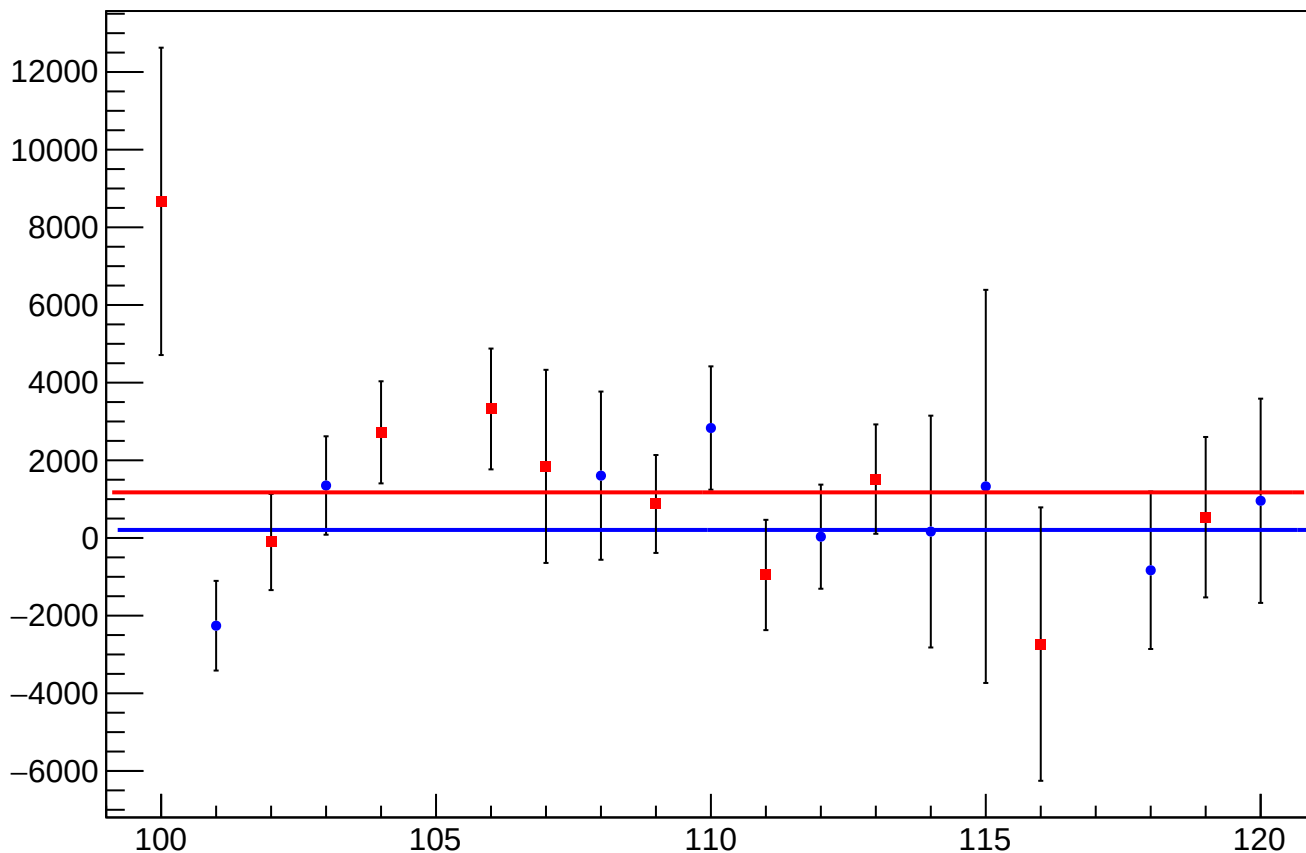
Right: 105.985 $\pm$ 0.027 χ^2 /NDF: 522978.7/18

In: 108.551 $\pm$ 0.041 χ^2 /NDF:241551.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 105.985 $\pm$ 0.027 χ^2 /NDF: 522978.7/18

asym_sam_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 206.896+/-570.006 χ^2/NDF : 8.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1174.528+/-512.114 χ^2/NDF : 11.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

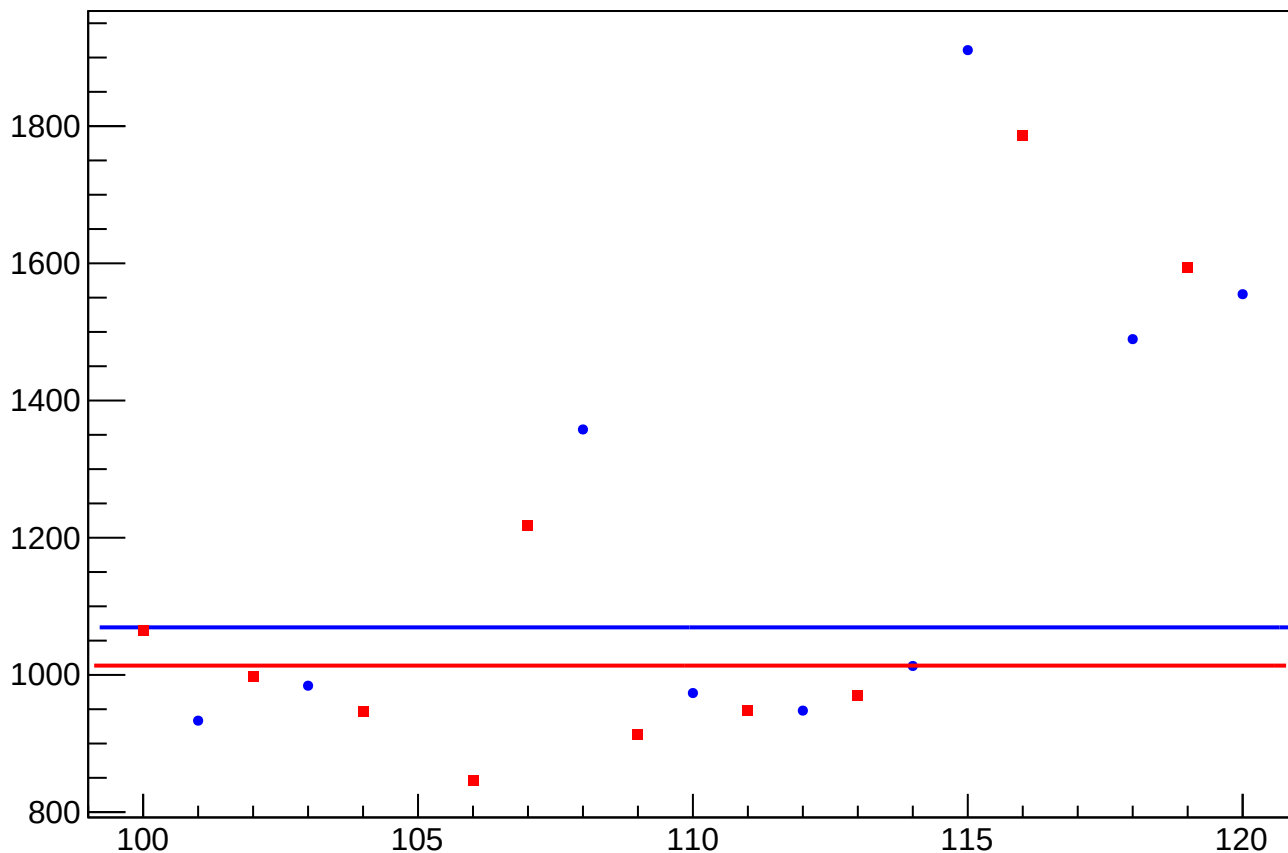
Right: 742.331+/-380.947 χ^2/NDF : 22.2/18

In: 206.896+/-570.006 χ^2/NDF : 8.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 742.331+/-380.947 χ^2/NDF : 22.2/18

asym_sam_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1069.337+/-0.403 χ^2/NDF : 305958.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1013.588+/-0.362 χ^2/NDF : 315128.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

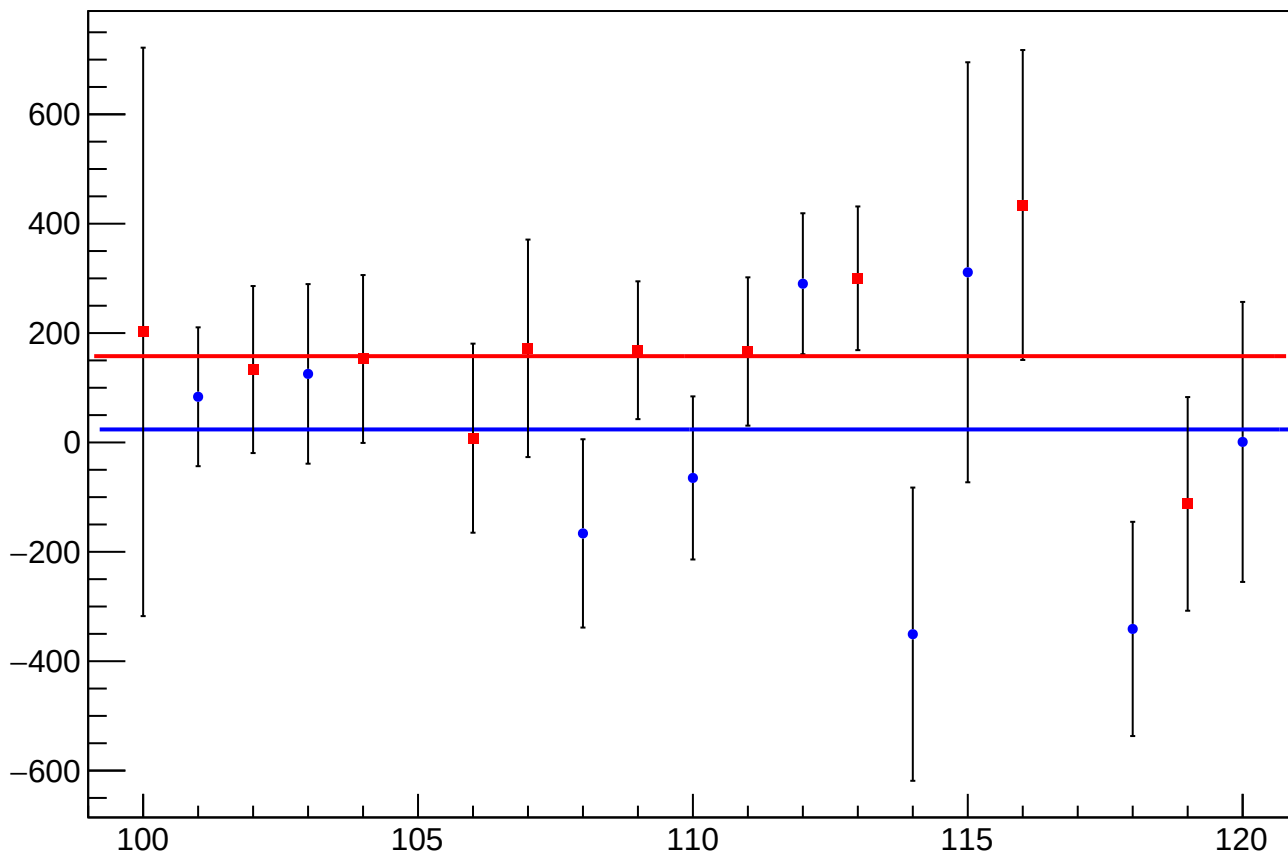
Right: 1038.489+/-0.269 χ^2/NDF : 631673.6/18

In: 1069.337+/-0.403 χ^2/NDF : 305958.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1038.489+/-0.269 χ^2/NDF : 631673.6/18

cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 23.788+/-57.726 χ^2/NDF : 12.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.784+/-52.574 χ^2/NDF : 4.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

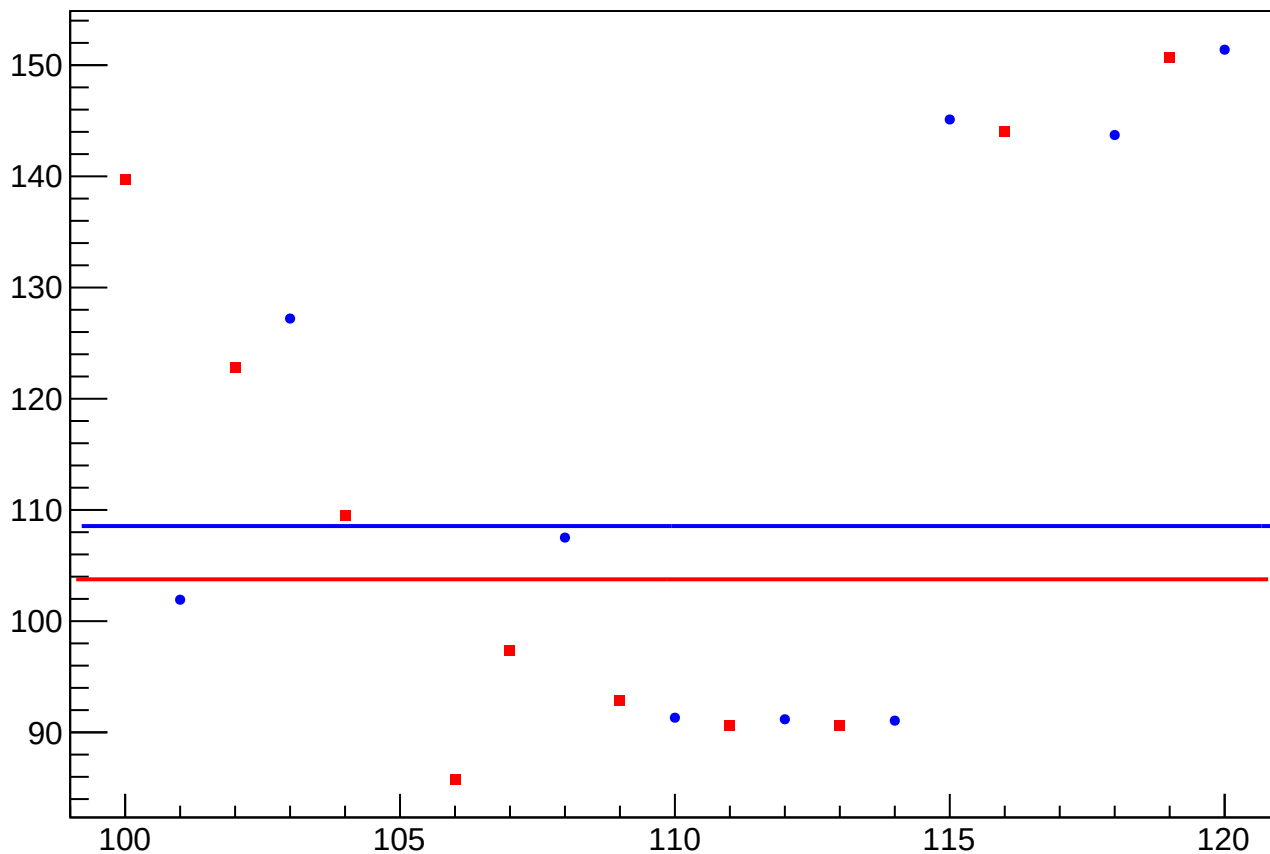
Right: 97.031+/-38.869 χ^2/NDF : 20.2/18

In: 23.788+/-57.726 χ^2/NDF : 12.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.031+/-38.869 χ^2/NDF : 20.2/18

cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 108.551 $\pm$ 0.041 χ^2 /NDF: 241553.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 103.762 $\pm$ 0.037 χ^2 /NDF: 276936.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

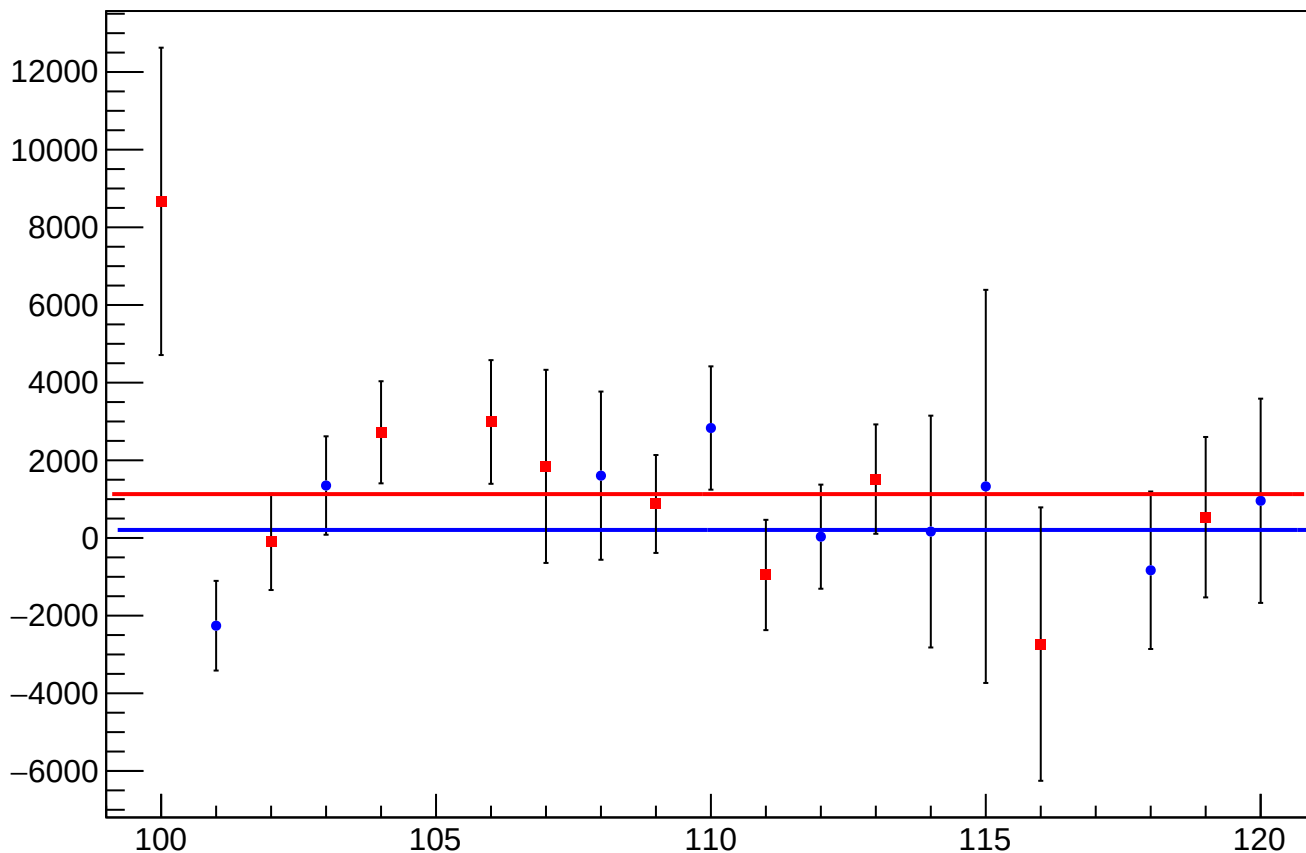
Right: 105.933 $\pm$ 0.027 χ^2 /NDF: 526013.4/18

In: 108.551 $\pm$ 0.041 χ^2 /NDF:241553.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 105.933 $\pm$ 0.027 χ^2 /NDF: 526013.4/18

asym_sam_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 206.741+/-570.013 χ^2/NDF : 8.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1129.690+/-513.420 χ^2/NDF : 11.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

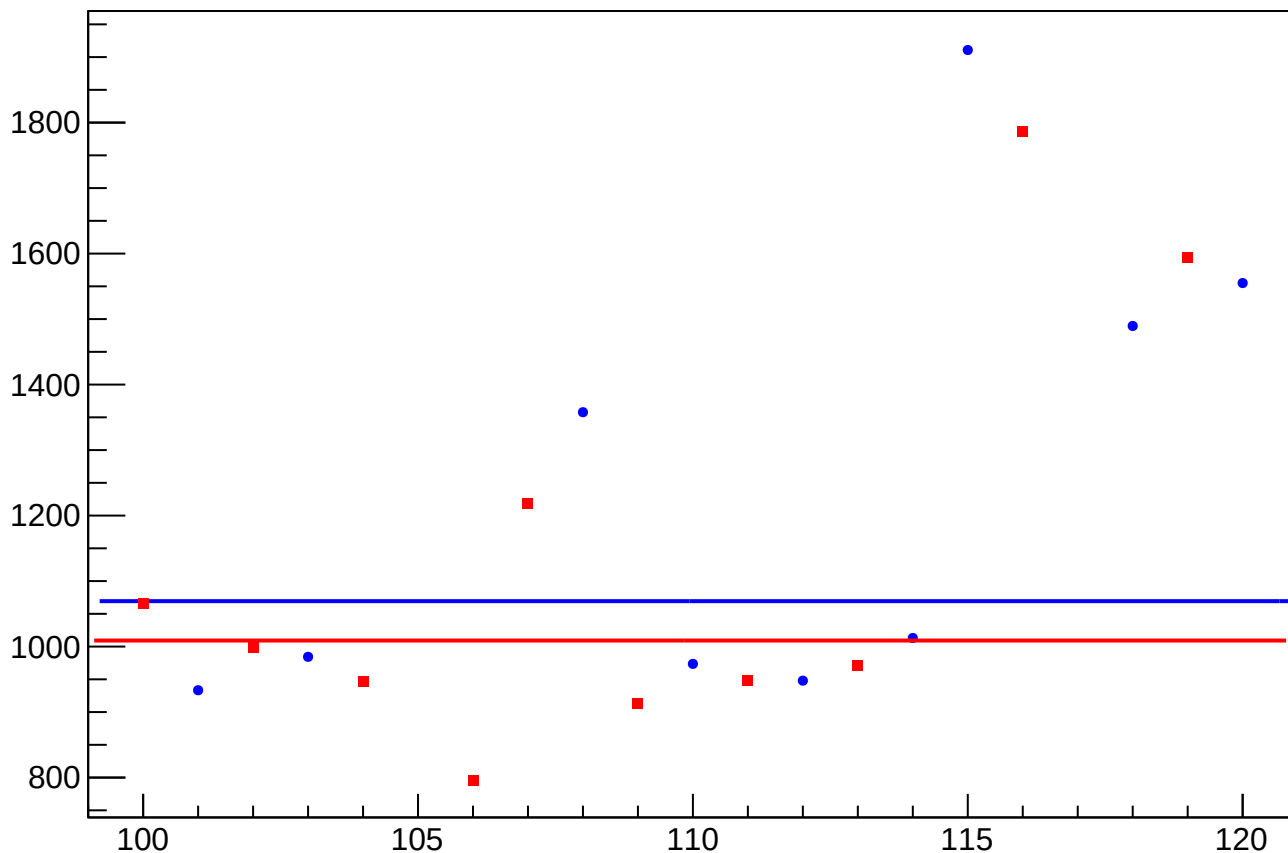
Right: 716.294+/-381.486 χ^2/NDF : 21.5/18

In: 206.741+/-570.013 χ^2/NDF : 8.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 716.294+/-381.486 χ^2/NDF : 21.5/18

asym_sam_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1069.351+/-0.403 χ^2/NDF : 305944.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1009.225+/-0.363 χ^2/NDF : 329232.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

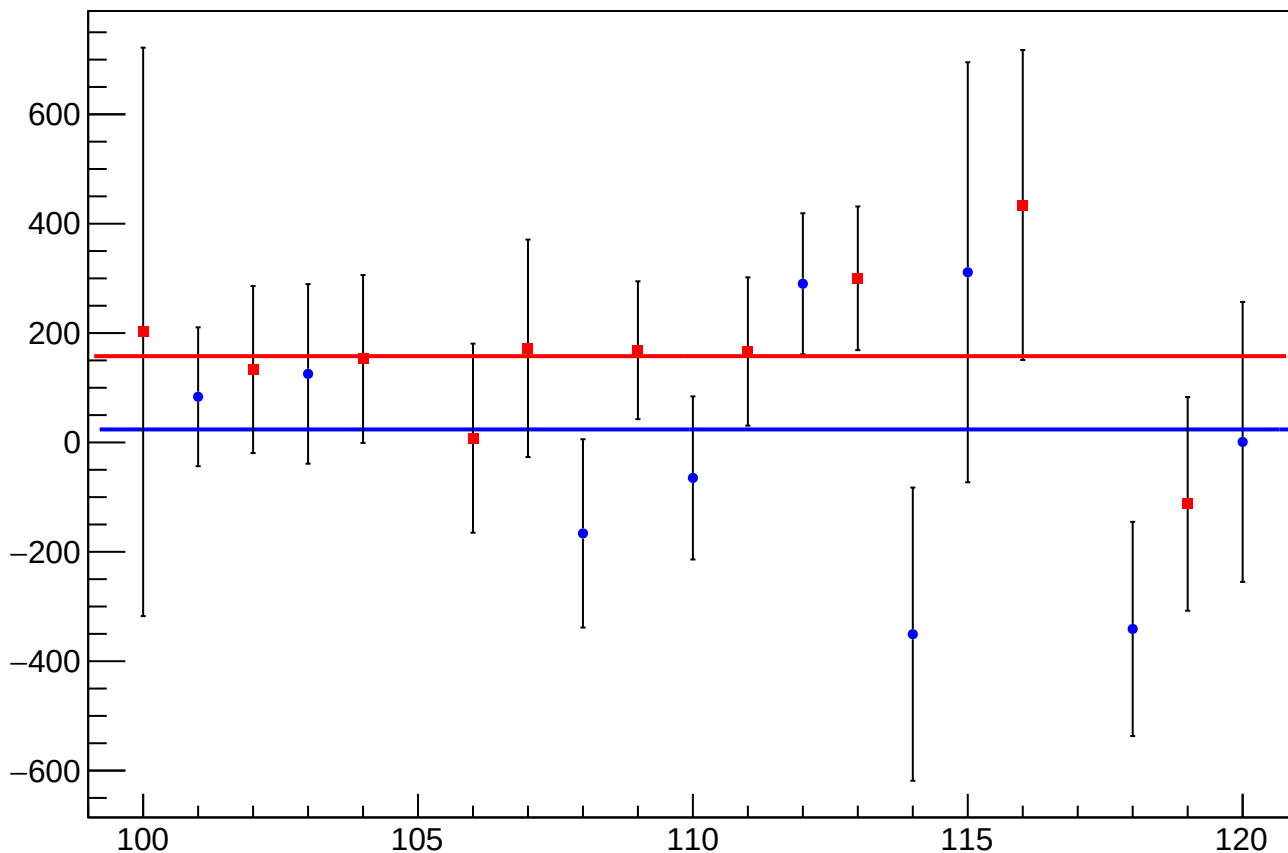
Right: 1036.156+/-0.270 χ^2/NDF : 647461.8/18

In: 1069.351+/-0.403 χ^2/NDF : 305944.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1036.156+/-0.270 χ^2/NDF : 647461.8/18

eigen_cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 23.788+/-57.726 χ^2/NDF : 12.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.784+/-52.574 χ^2/NDF : 4.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

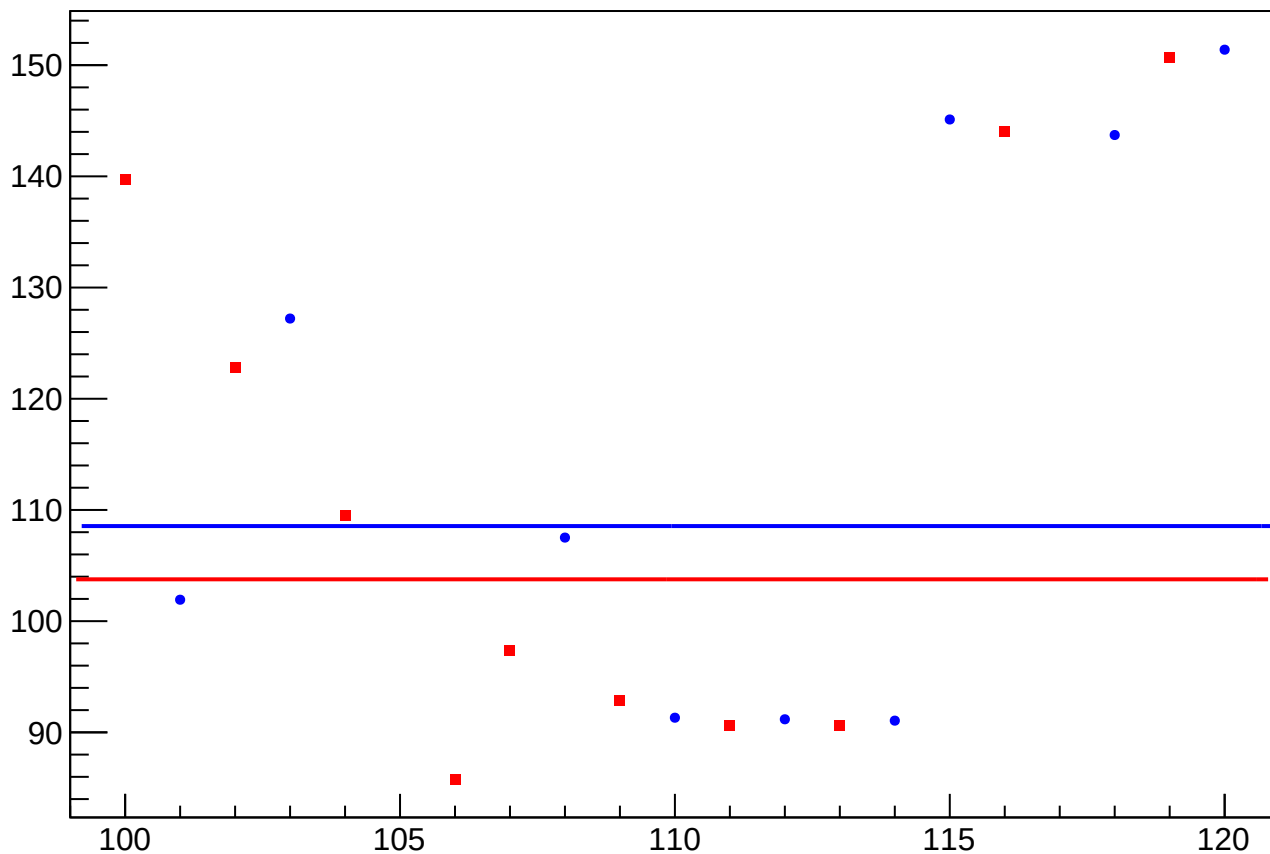
Right: 97.031+/-38.869 χ^2/NDF : 20.2/18

In: 23.788+/-57.726 χ^2/NDF : 12.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.031+/-38.869 χ^2/NDF : 20.2/18

eigen_cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 108.551+/-0.041 χ^2/NDF : 241553.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.762+/-0.037 χ^2/NDF : 276936.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

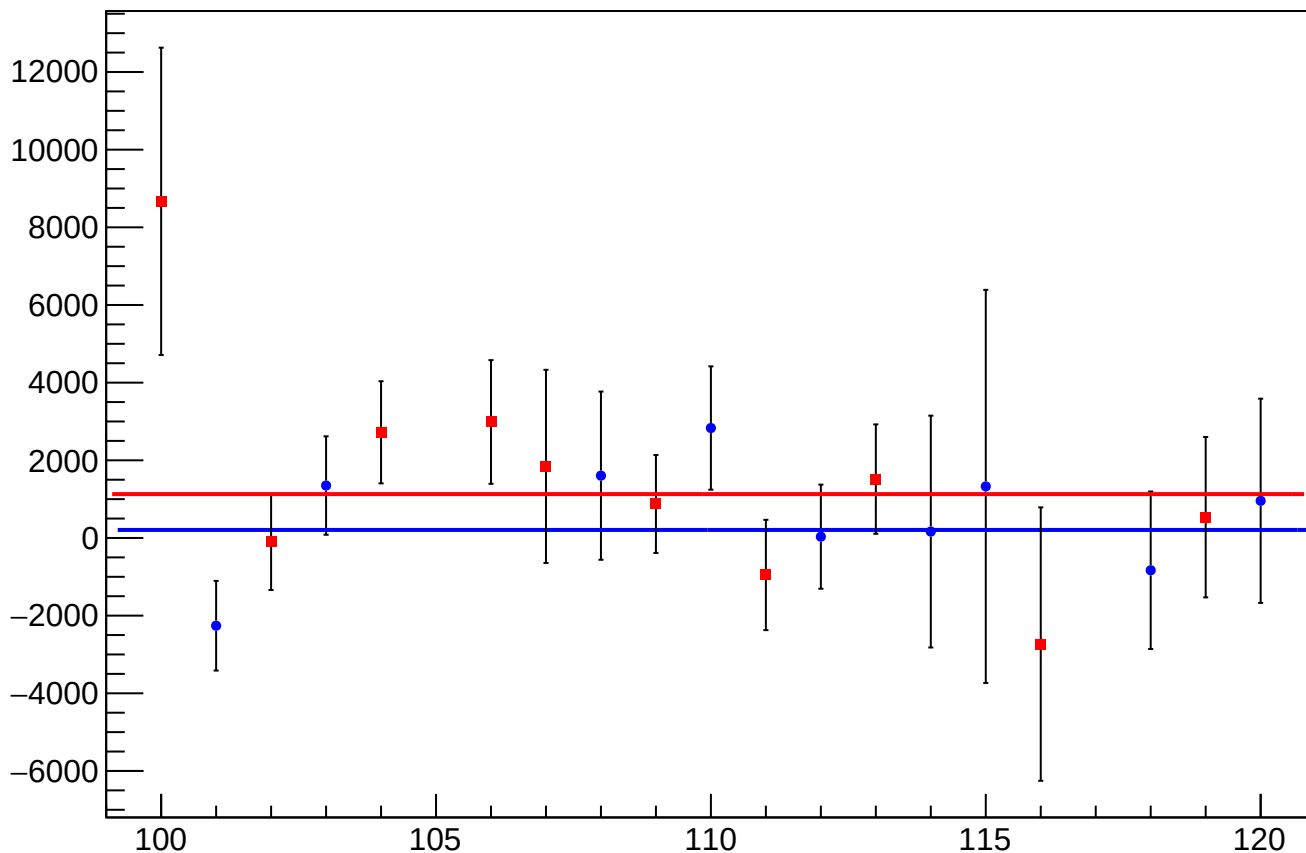
Right: 105.933+/-0.027 χ^2/NDF : 526013.4/18

In: 108.551+/-0.041 χ^2/NDF : 241553.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.933+/-0.027 χ^2/NDF : 526013.4/18

asym_sam_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 206.741+/-570.013 χ^2/NDF : 8.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1129.690+/-513.420 χ^2/NDF : 11.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

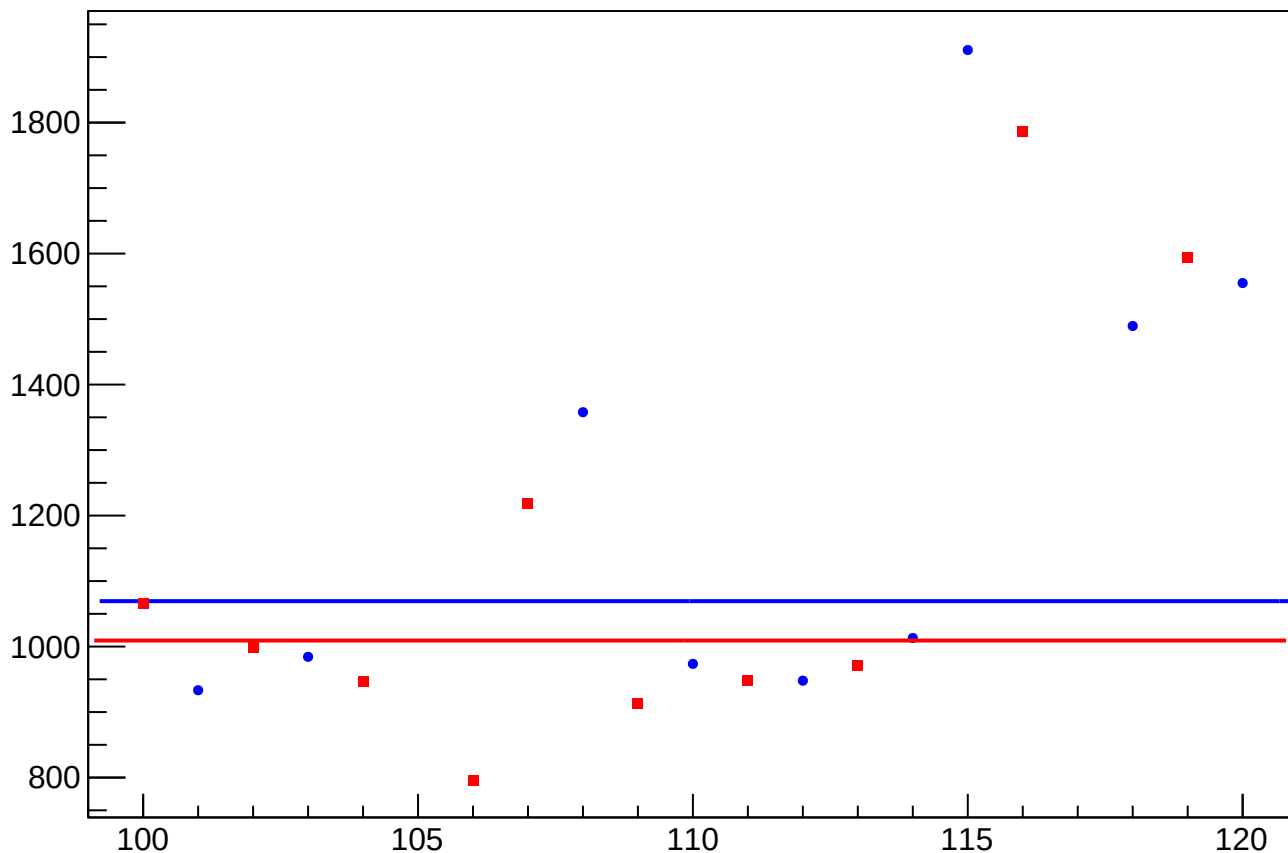
Right: 716.294+/-381.486 χ^2/NDF : 21.5/18

In: 206.741+/-570.013 χ^2/NDF : 8.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 716.294+/-381.486 χ^2/NDF : 21.5/18

asym_sam_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1069.351+/-0.403 χ^2/NDF : 305944.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1009.225+/-0.363 χ^2/NDF : 329232.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

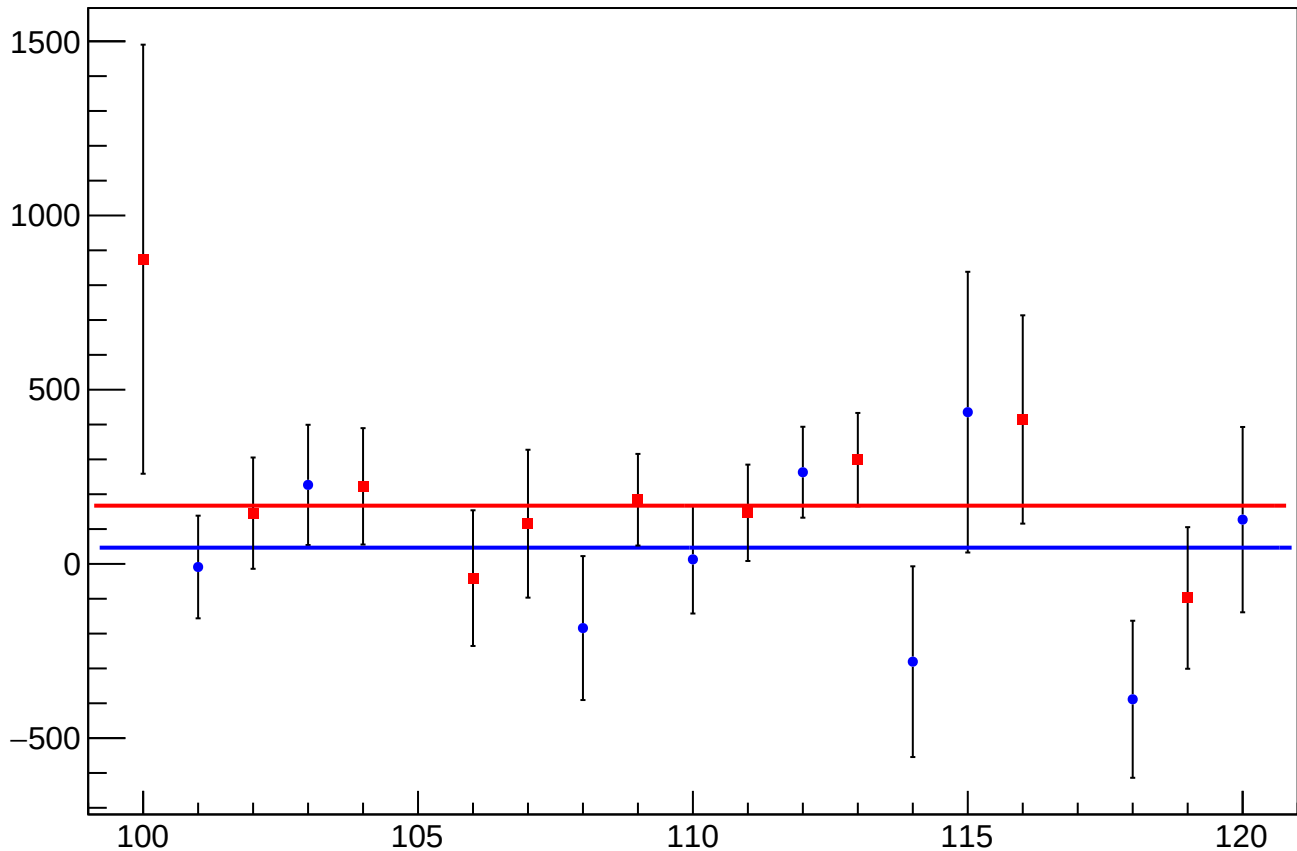
Right: 1036.156+/-0.270 χ^2/NDF : 647461.8/18

In: 1069.351+/-0.403 χ^2/NDF :305944.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1036.156+/-0.270 χ^2/NDF : 647461.8/18

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 46.659+/-62.431 χ^2/NDF : 11.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.174+/-55.260 χ^2/NDF : 6.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

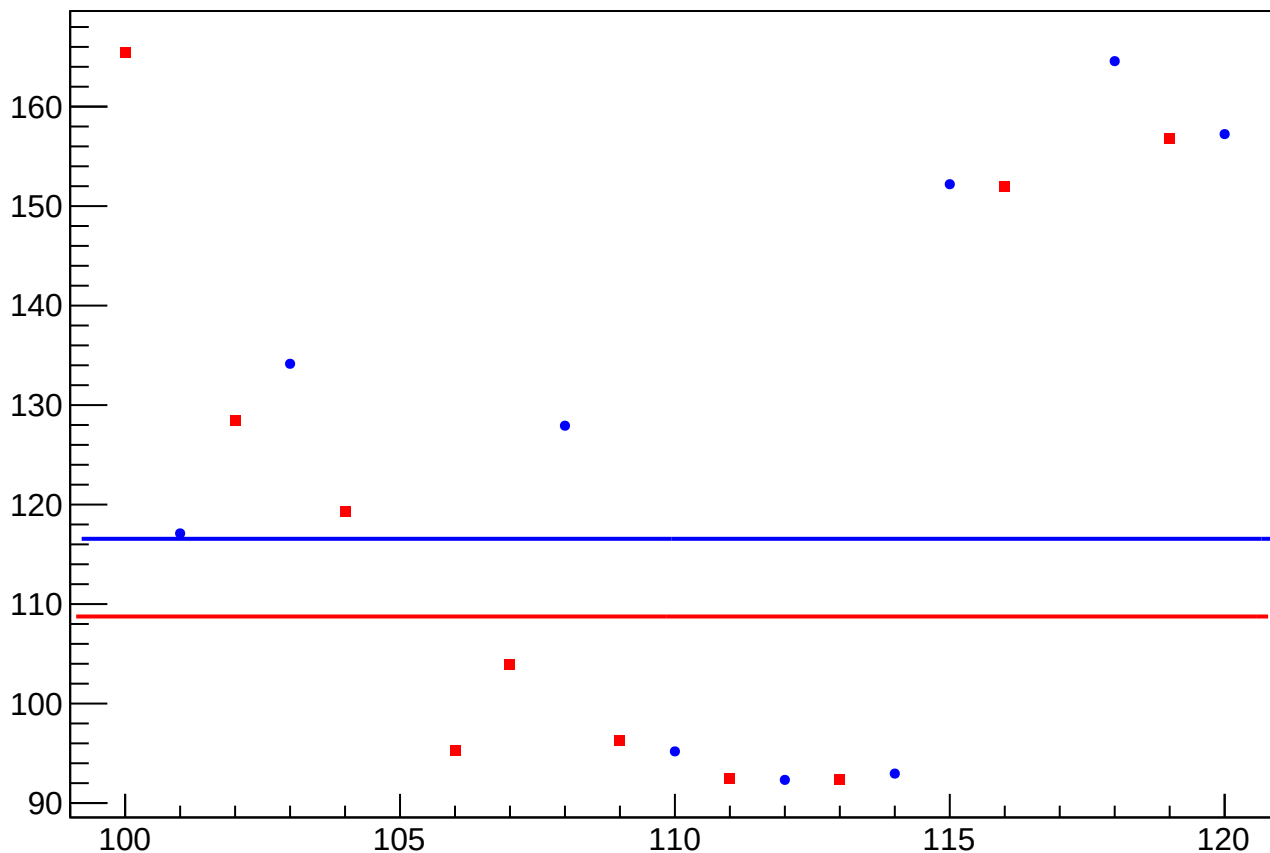
Right: 114.232+/-41.379 χ^2/NDF : 19.6/18

In: 46.659+/-62.431 χ^2/NDF : 11.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.232+/-41.379 χ^2/NDF : 19.6/18

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 116.560+/-0.044 χ^2/NDF : 301694.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.751+/-0.039 χ^2/NDF : 295241.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

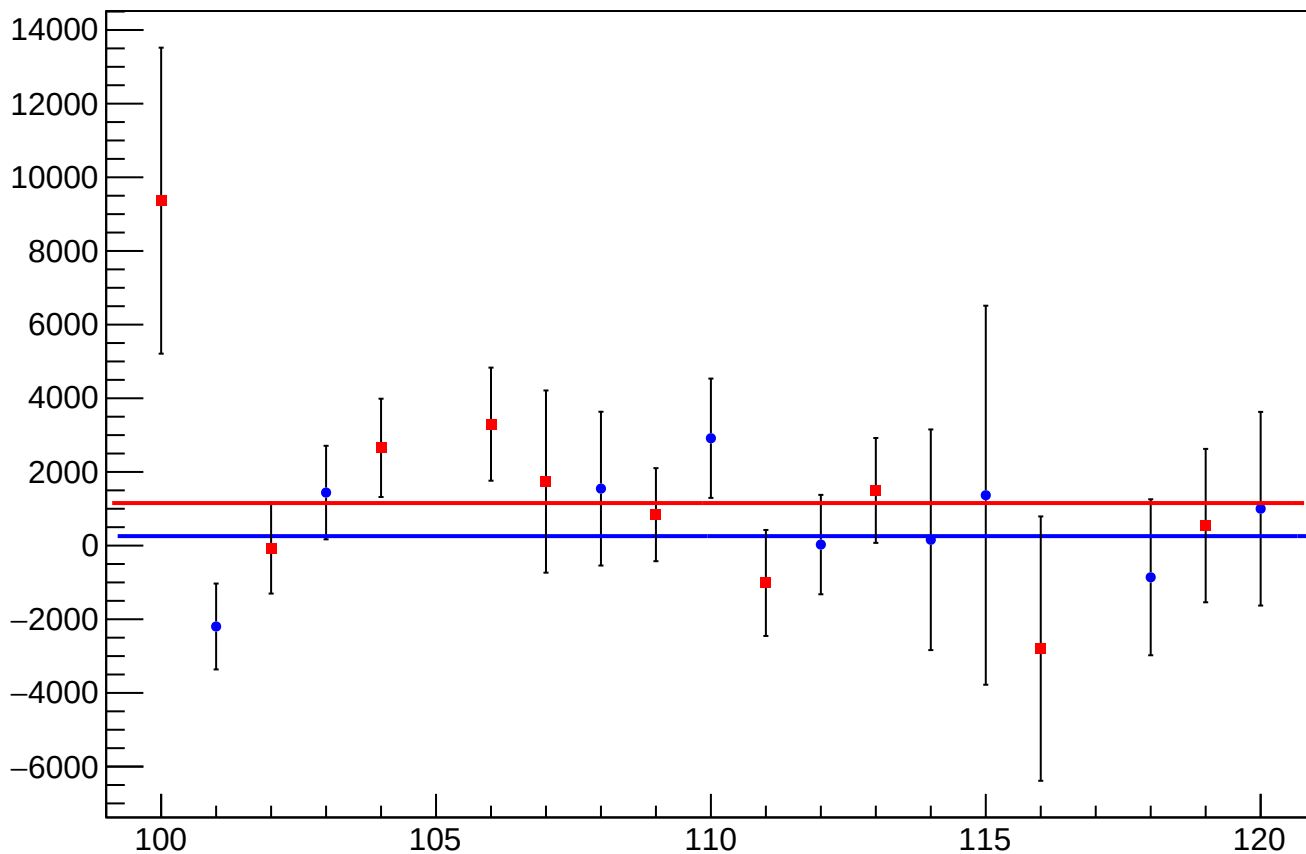
Right: 112.181+/-0.029 χ^2/NDF : 614478.8/18

In: 116.560+/-0.044 χ^2/NDF : 301694.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.181+/-0.029 χ^2/NDF : 614478.8/18

asym_sam_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 257.280+/-574.258 χ^2/NDF : 8.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1155.173+/-514.974 χ^2/NDF : 11.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

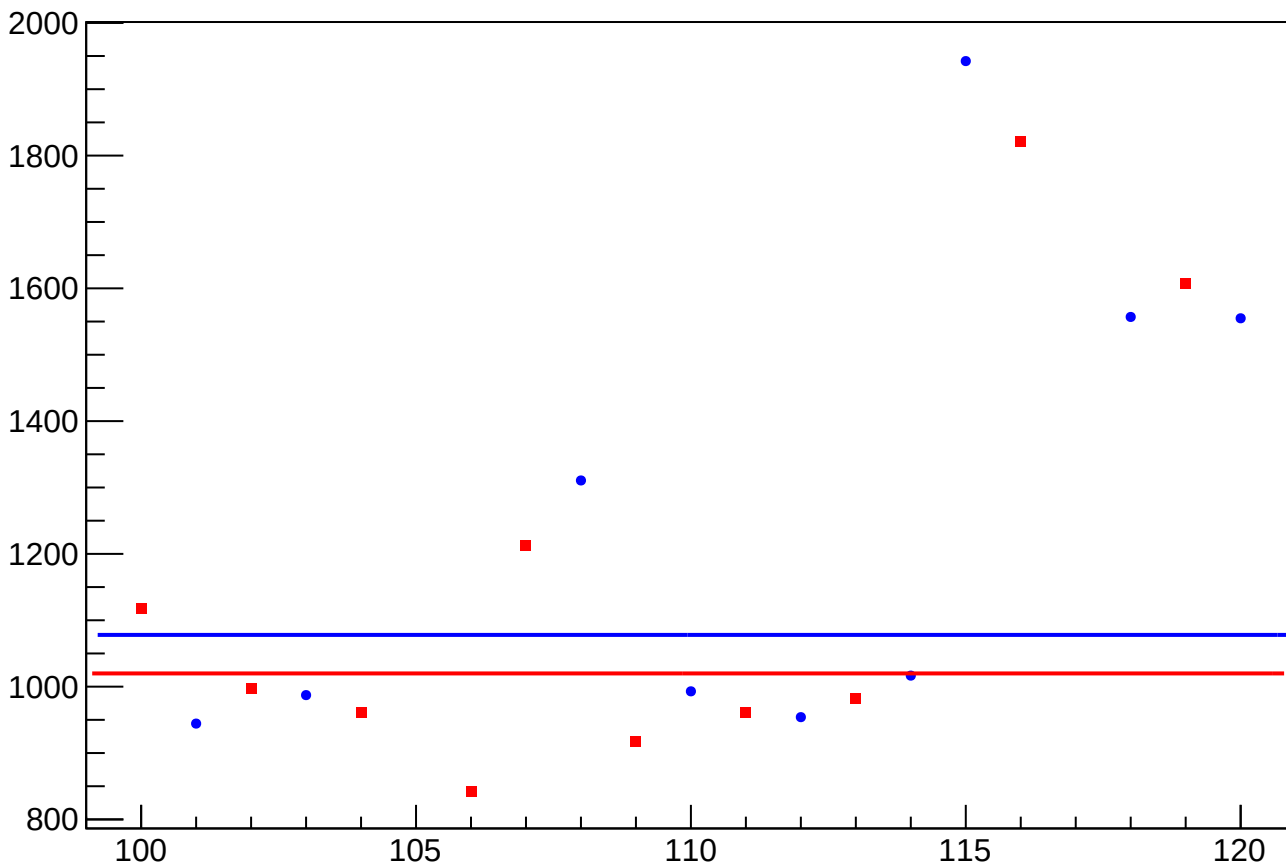
Right: 754.953+/-383.393 χ^2/NDF : 22.0/18

In: 257.280+/-574.258 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 754.953+/-383.393 χ^2/NDF : 22.0/18

asym_sam_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1077.956+/-0.406 χ^2/NDF : 309064.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1019.921+/-0.364 χ^2/NDF : 321048.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

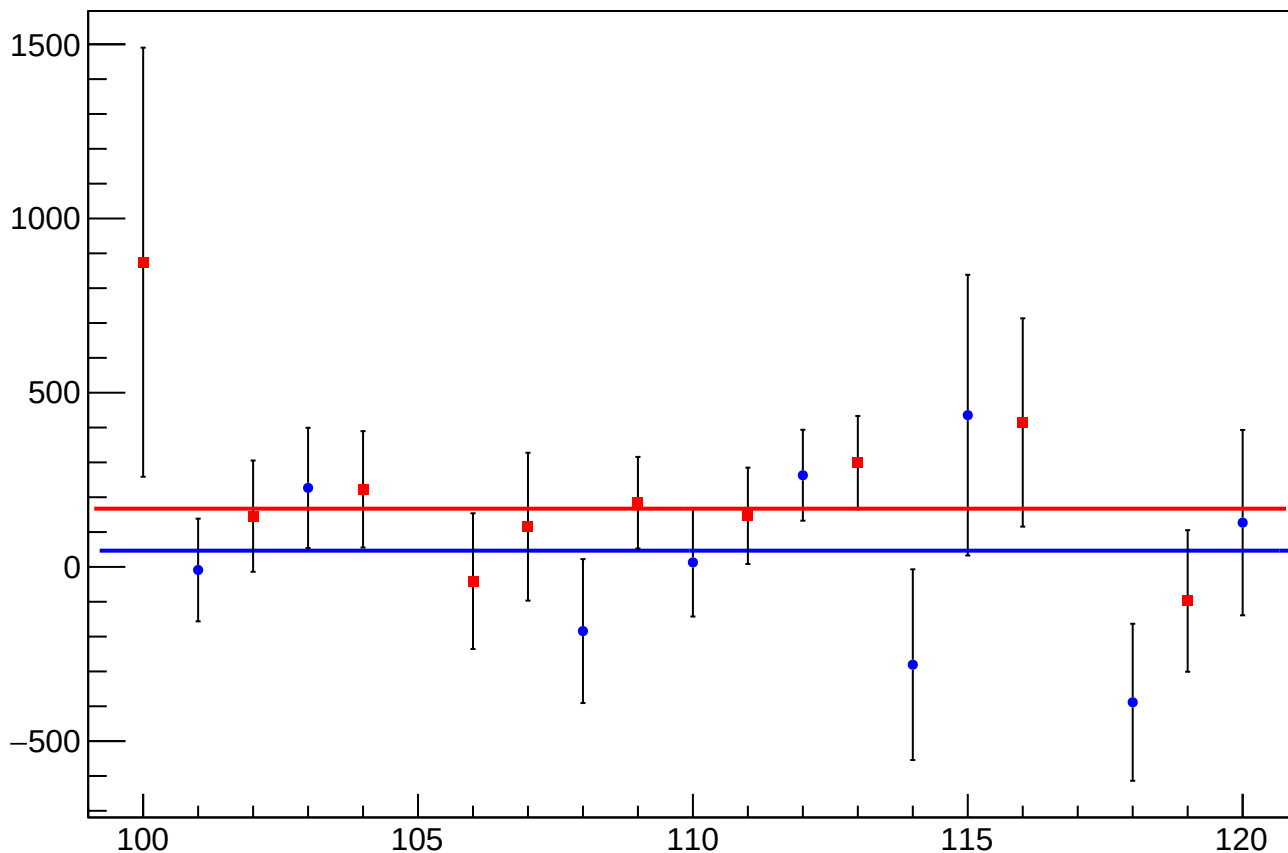
Right: 1045.789+/-0.271 χ^2/NDF : 641434.3/18

In: 1077.956+/-0.406 χ^2/NDF : 309064.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1045.789+/-0.271 χ^2/NDF : 641434.3/18

eigen_dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 46.659+/-62.431 χ^2/NDF : 11.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.174+/-55.260 χ^2/NDF : 6.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

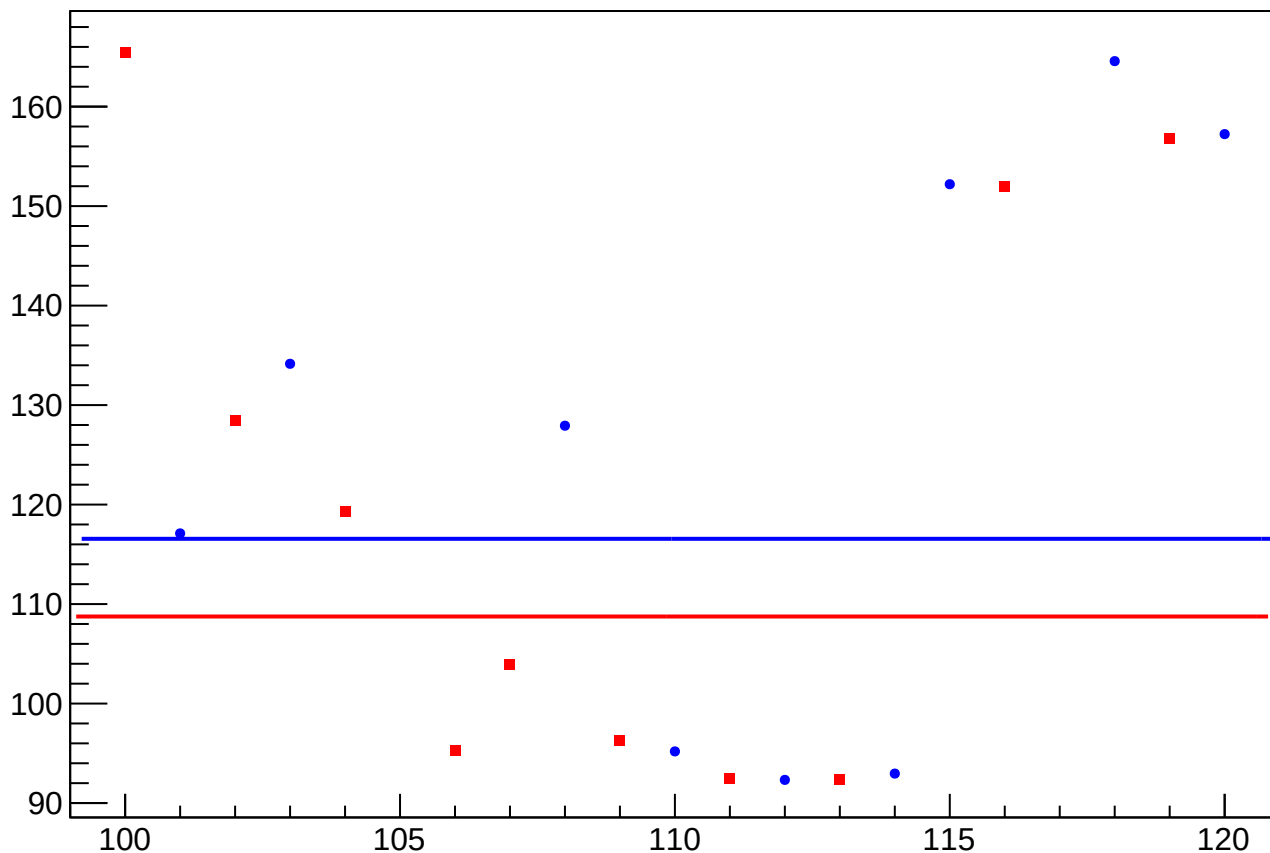
Right: 114.232+/-41.379 χ^2/NDF : 19.6/18

In: 46.659+/-62.431 χ^2/NDF : 11.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.232+/-41.379 χ^2/NDF : 19.6/18

eigen_dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 116.559+/-0.044 χ^2/NDF : 301698.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 108.751+/-0.039 χ^2/NDF : 295243.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

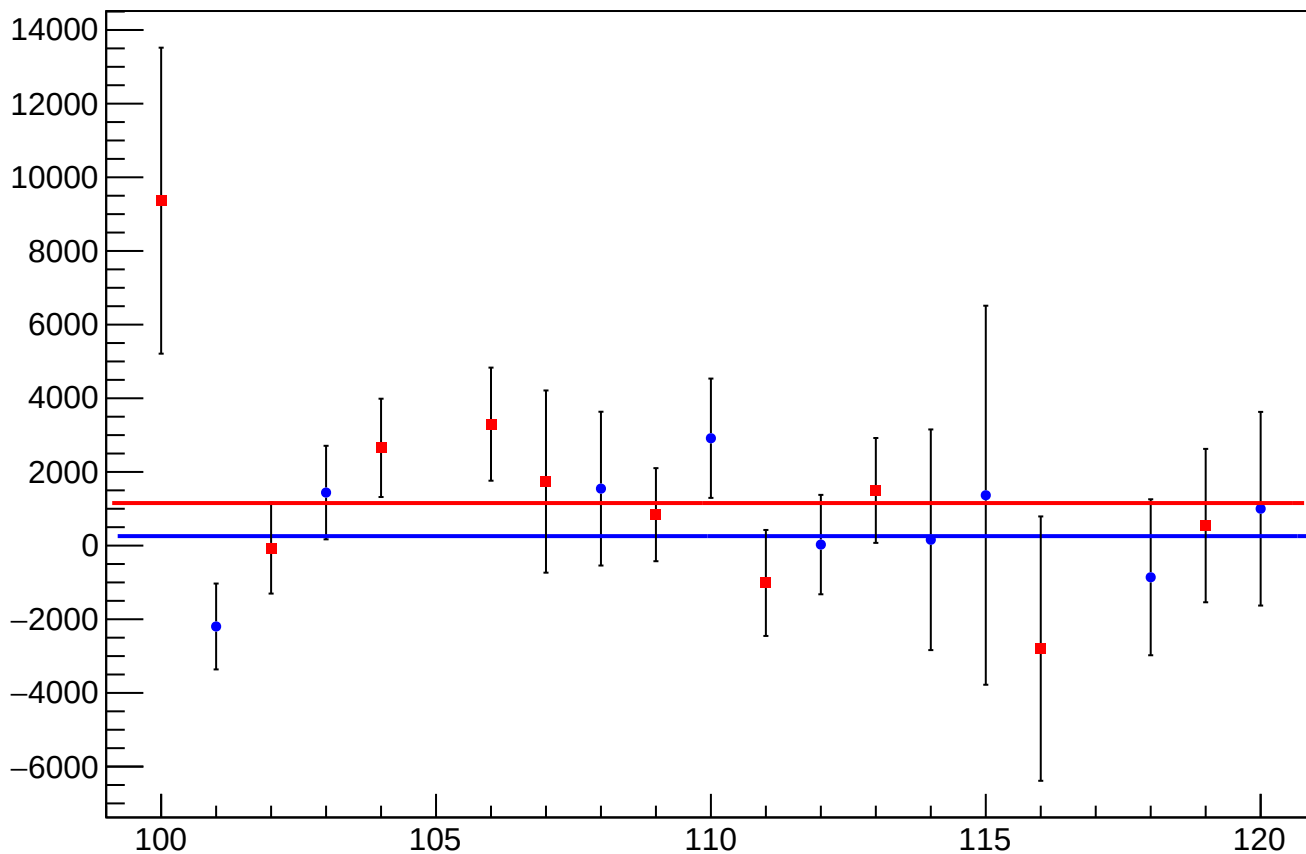
Right: 112.181+/-0.029 χ^2/NDF : 614484.8/18

In: 116.559+/-0.044 χ^2/NDF :301698.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 112.181+/-0.029 χ^2/NDF : 614484.8/18

asym_sam_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 257.281+/-574.258 χ^2/NDF : 8.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1155.172+/-514.974 χ^2/NDF : 11.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

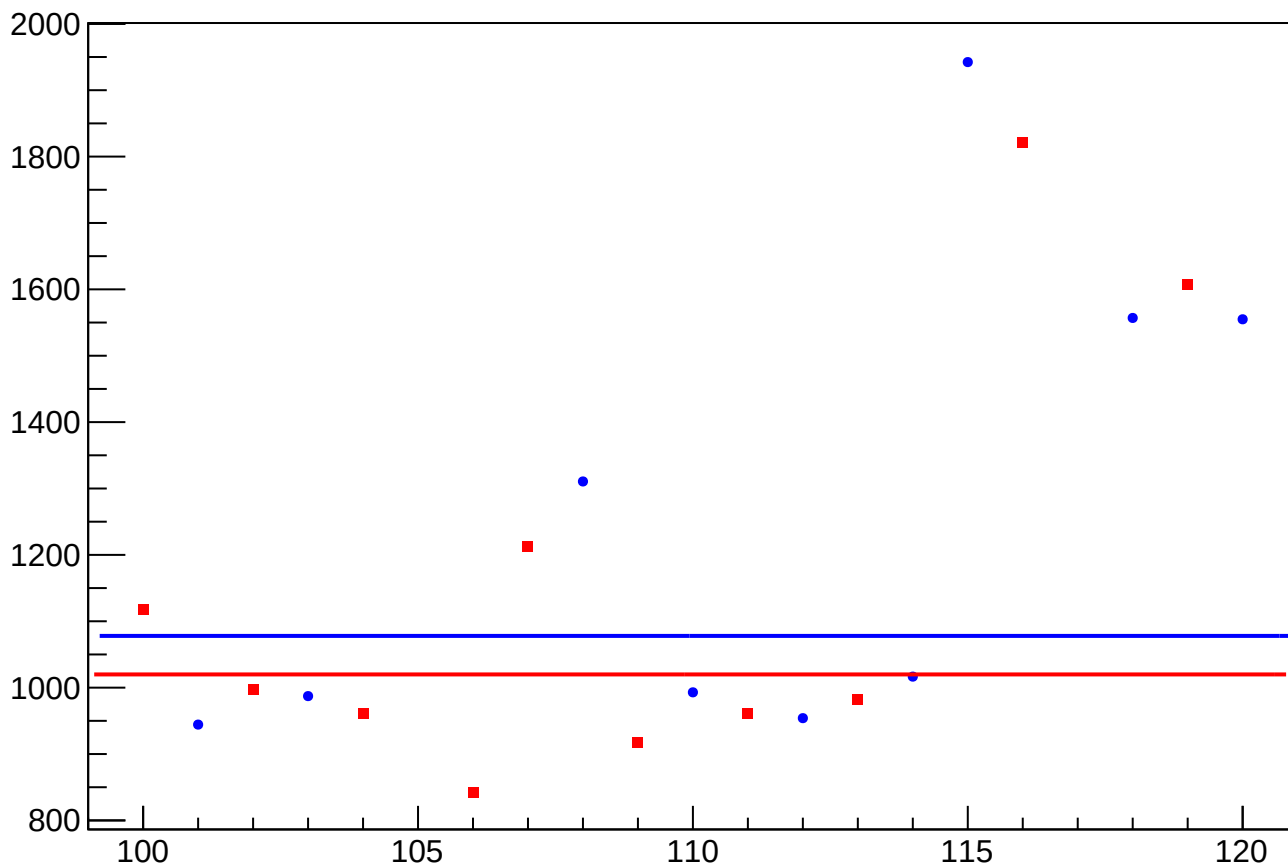
Right: 754.953+/-383.393 χ^2/NDF : 22.0/18

In: 257.281+/-574.258 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 754.953+/-383.393 χ^2/NDF : 22.0/18

asym_sam_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1077.957+/-0.406 χ^2/NDF : 309064.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1019.921+/-0.364 χ^2/NDF : 321049.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

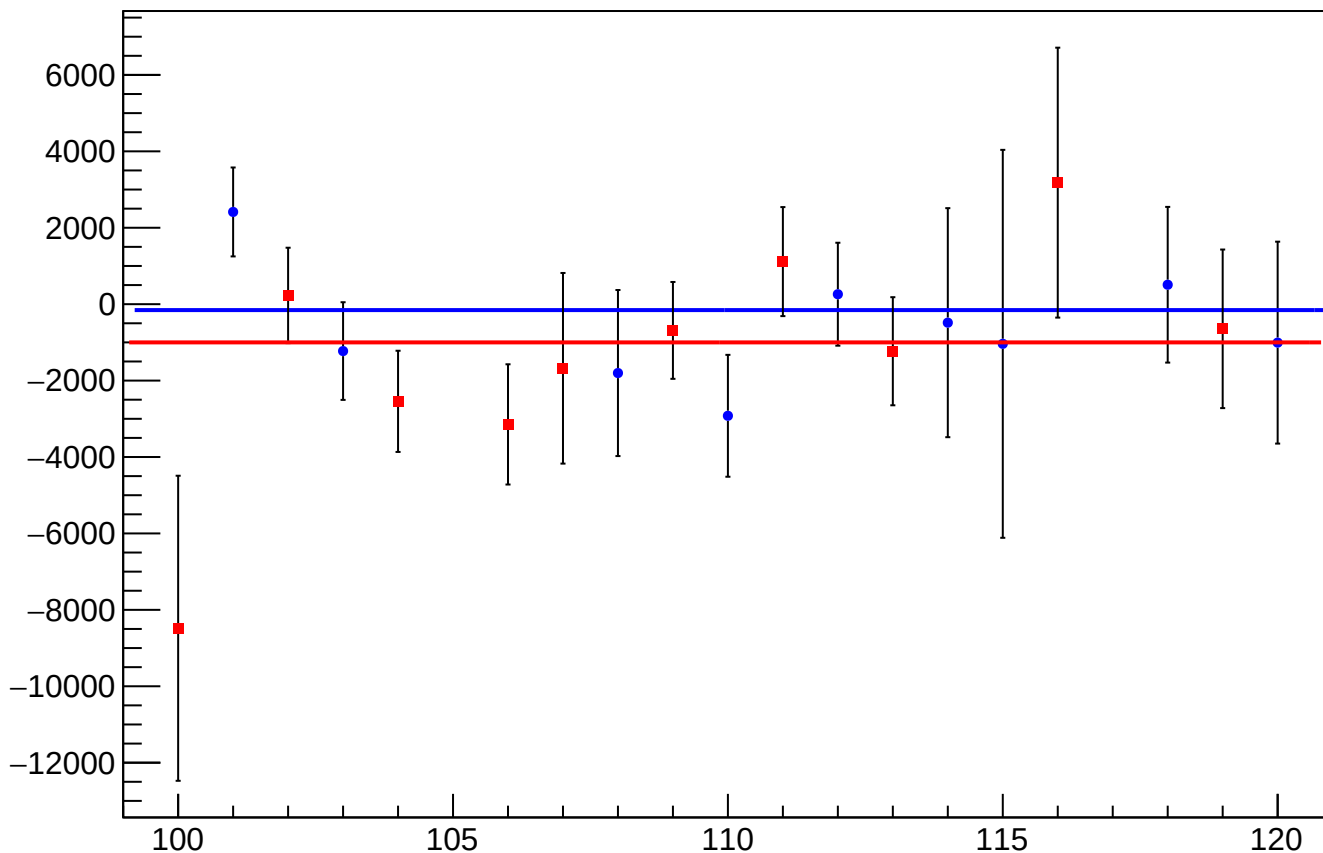
Right: 1045.789+/-0.271 χ^2/NDF : 641436.0/18

In: 1077.957+/-0.406 χ^2/NDF : 309064.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1045.789+/-0.271 χ^2/NDF : 641436.0/18

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: -154.829+/-573.437 χ^2/NDF : 9.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1000.320+/-515.355 χ^2/NDF : 11.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

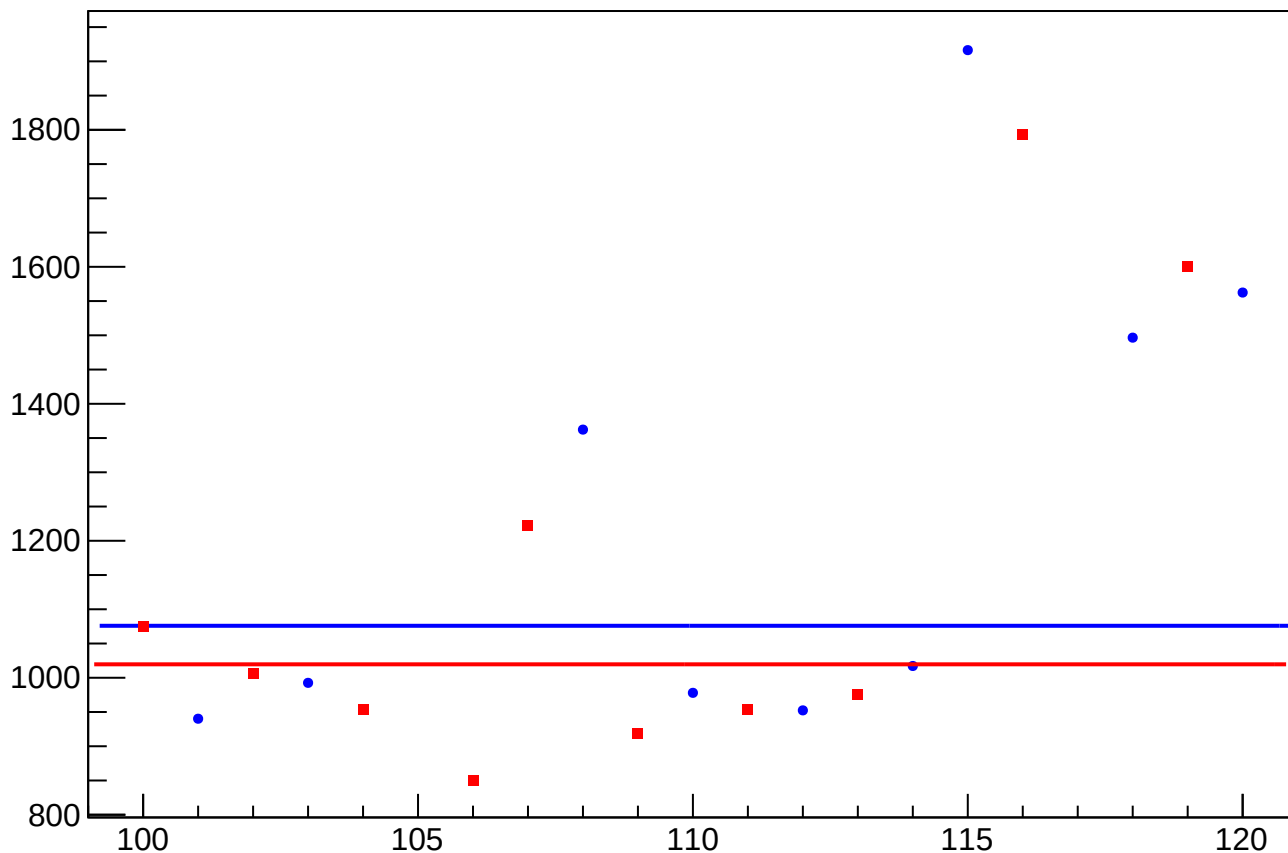
Right: -622.550+/-383.306 χ^2/NDF : 22.2/18

In: -154.829+/-573.437 χ^2/NDF : 9.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -622.550+/-383.306 χ^2/NDF : 22.2/18

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1075.887 $\pm$ 0.405 χ^2 /NDF: 303456.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1019.625 $\pm$ 0.364 χ^2 /NDF: 313571.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

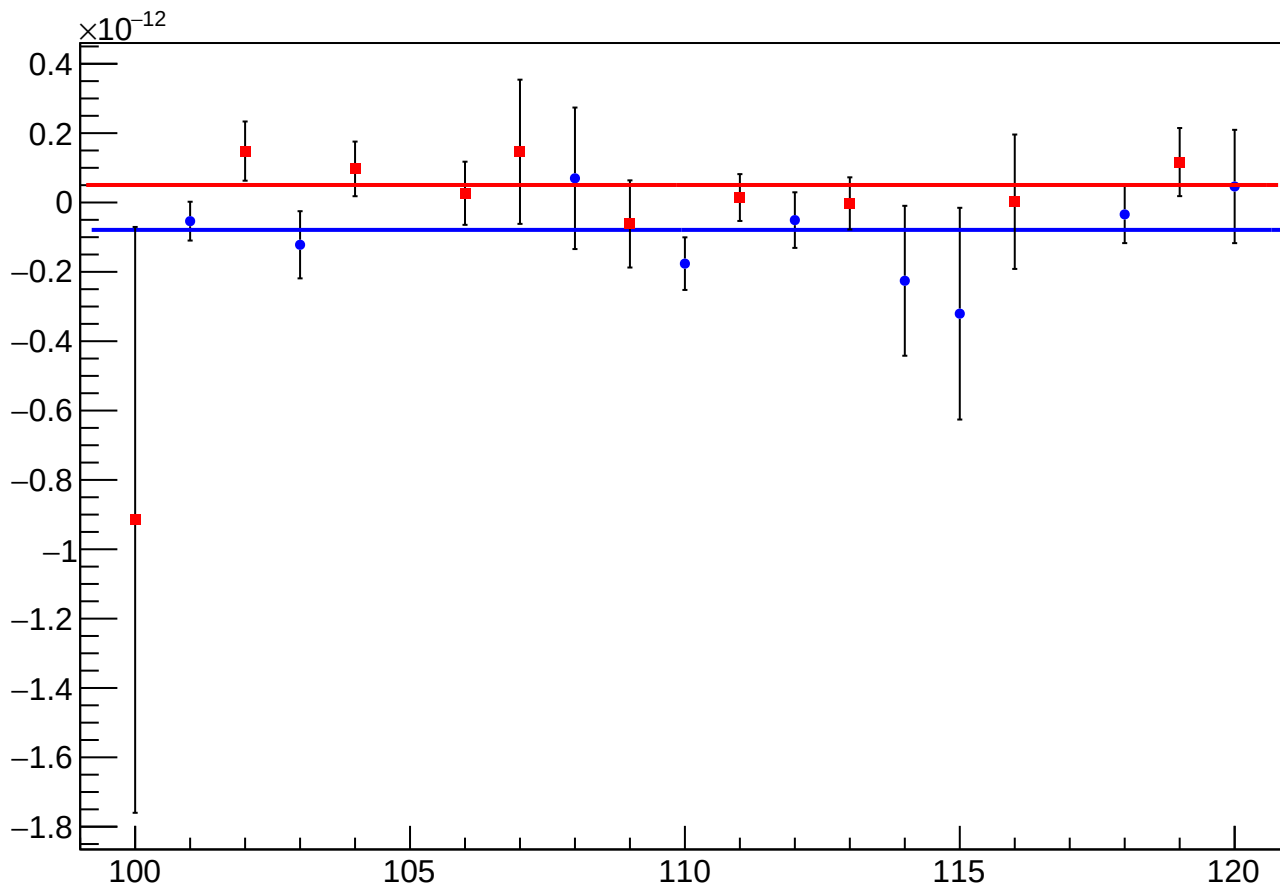
Right: 1044.763 $\pm$ 0.271 χ^2 /NDF: 627677.8/18

In: 1075.887 $\pm$ 0.405 χ^2 /NDF:303456.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1044.763 $\pm$ 0.271 χ^2 /NDF: 627677.8/18

asym_sam_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

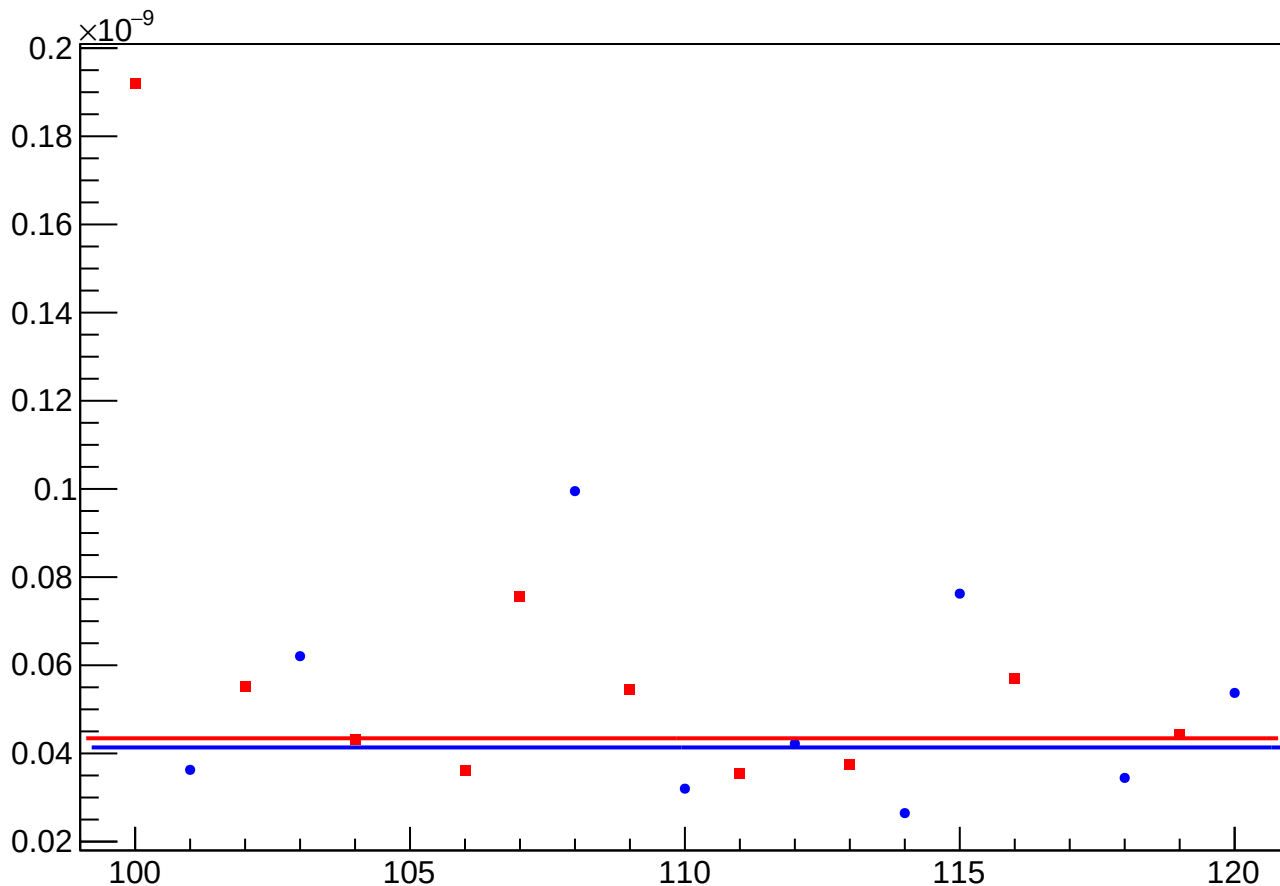
Right: -0.000+/-0.000 χ^2/NDF : 18.5/18

In: -0.000+/-0.000 χ^2/NDF : 4.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.5/18

asym_sam_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 361930.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 226593.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

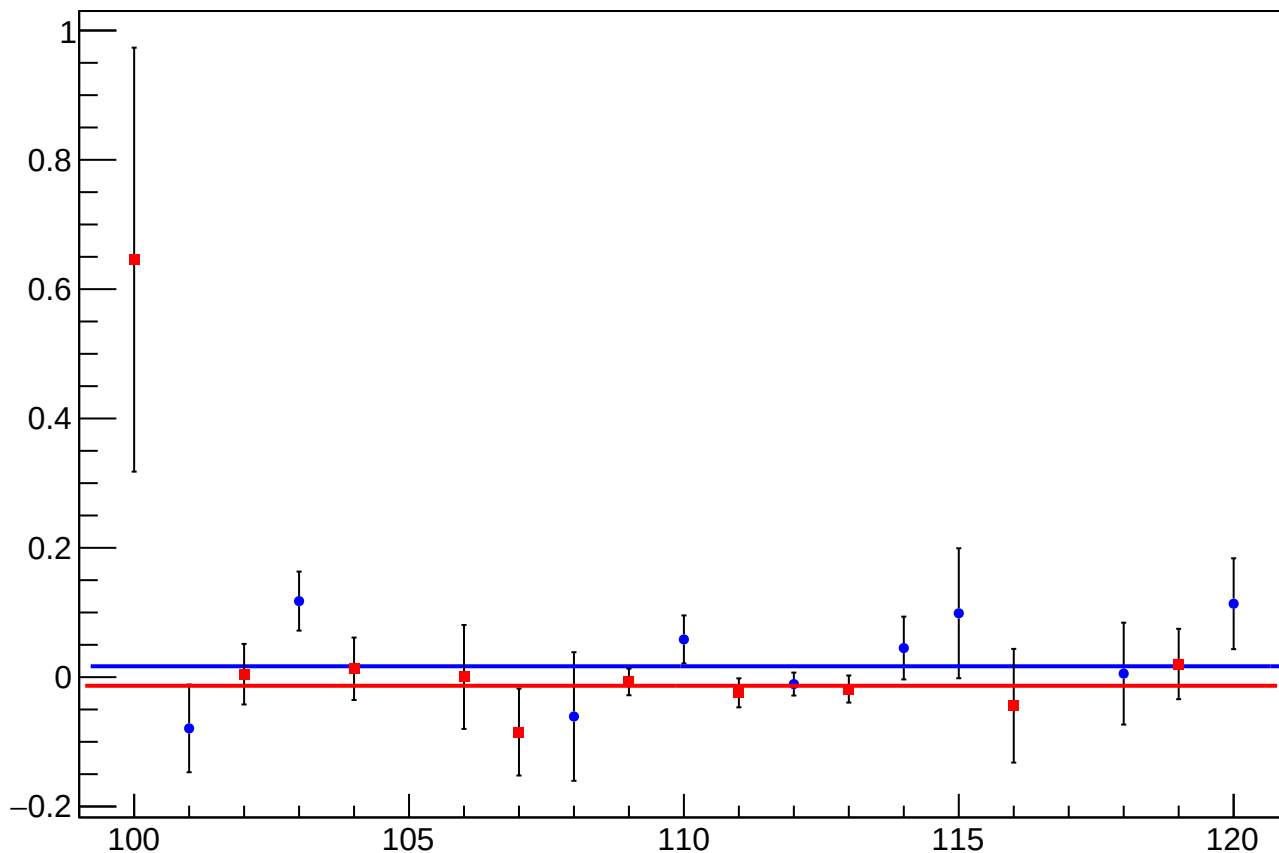
Right: 0.000+/-0.000 χ^2/NDF : 592878.7/18

In: 0.000+/-0.000 χ^2/NDF : 361930.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 592878.7/18

asym_sam_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017 $\pm$ 0.013 χ^2 /NDF: 14.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.013 $\pm$ 0.011 χ^2 /NDF: 6.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

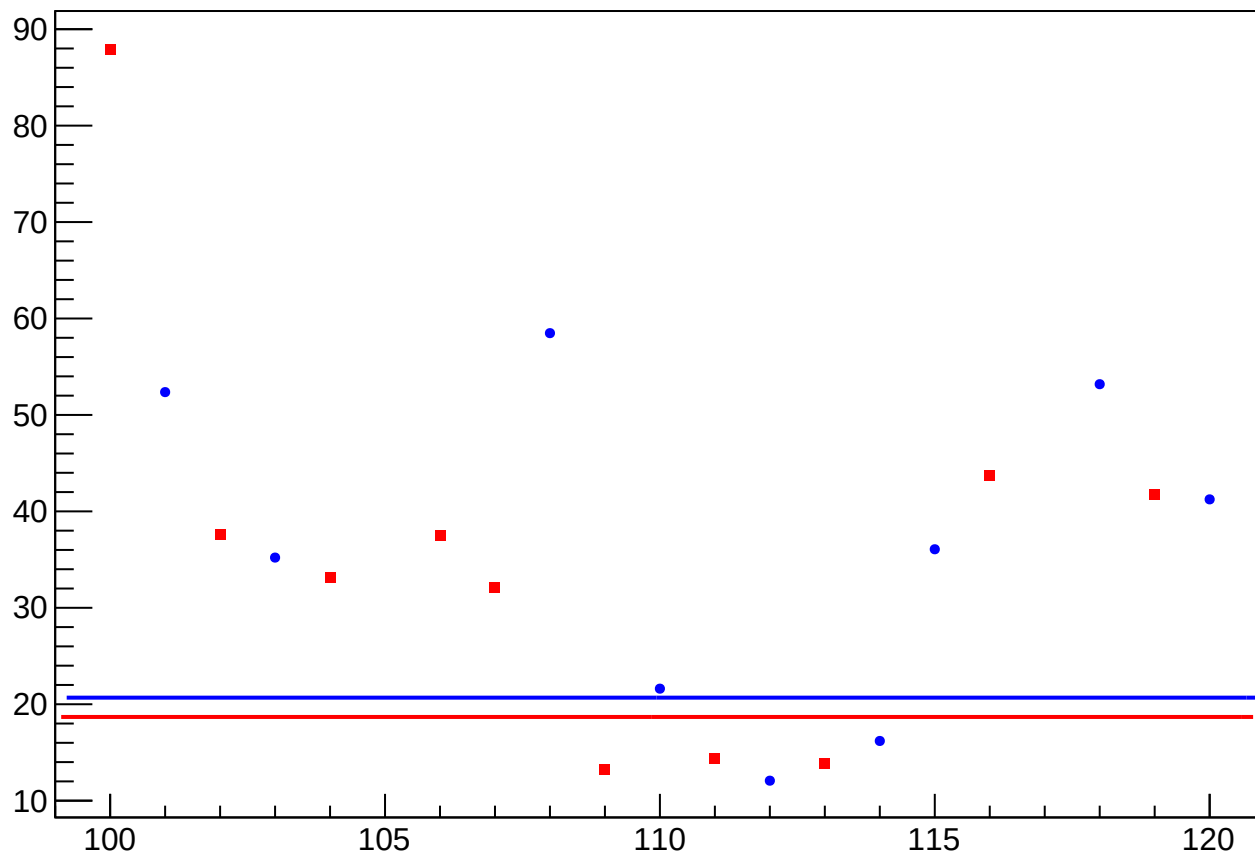
Right: -0.001 $\pm$ 0.008 χ^2 /NDF: 23.7/18

In: 0.017 $\pm$ 0.013 χ^2 /NDF:14.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.008 χ^2 /NDF: 23.7/18

asym_sam_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.684 $\pm$ 0.009 χ^2 /NDF: 1976977.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 18.682 $\pm$ 0.008 χ^2 /NDF: 1626780.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

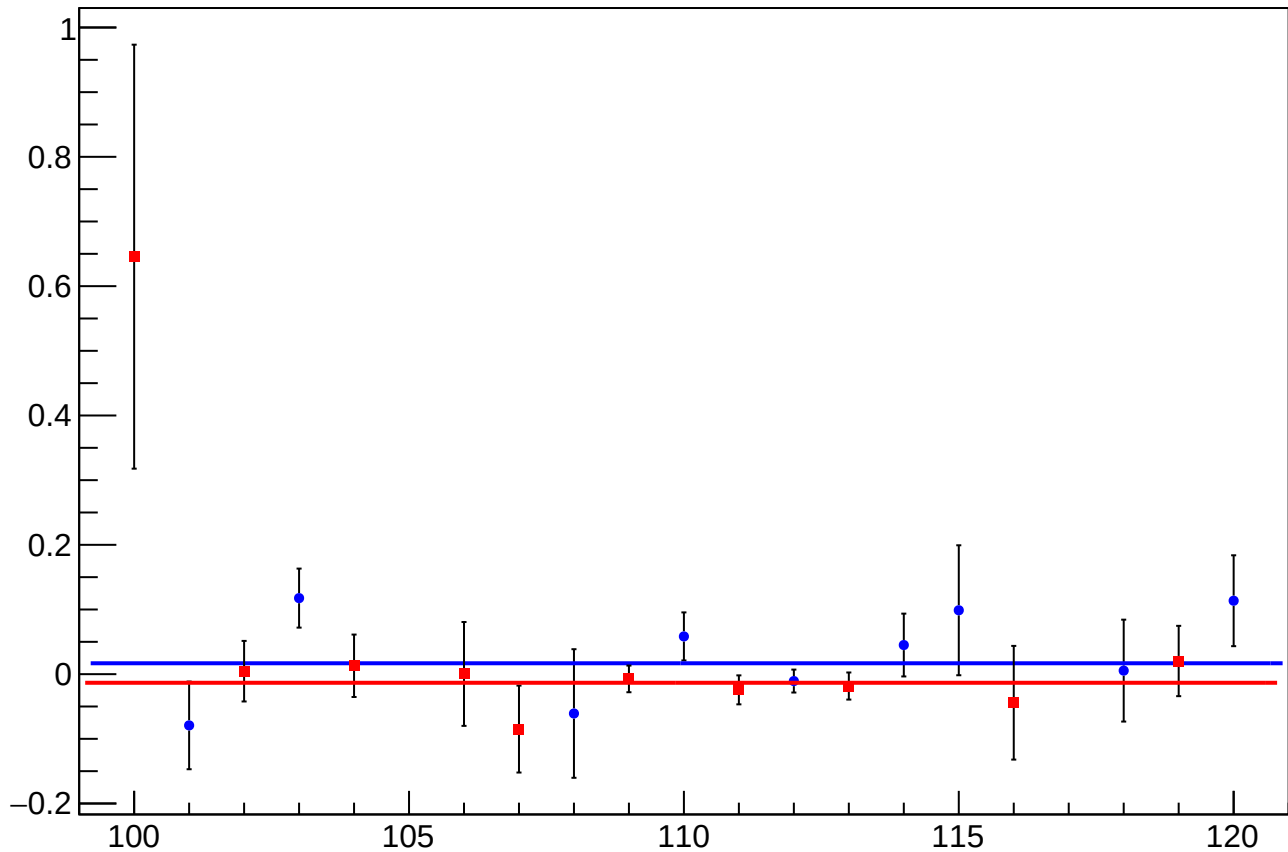
Right: 19.484 $\pm$ 0.006 χ^2 /NDF: 3630632.3/18

In: 20.684 $\pm$ 0.009 χ^2 /NDF:1976977.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 19.484 $\pm$ 0.006 χ^2 /NDF: 3630632.3/18

asym_sam_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.013 χ^2/NDF : 14.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.013+/-0.011 χ^2/NDF : 6.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

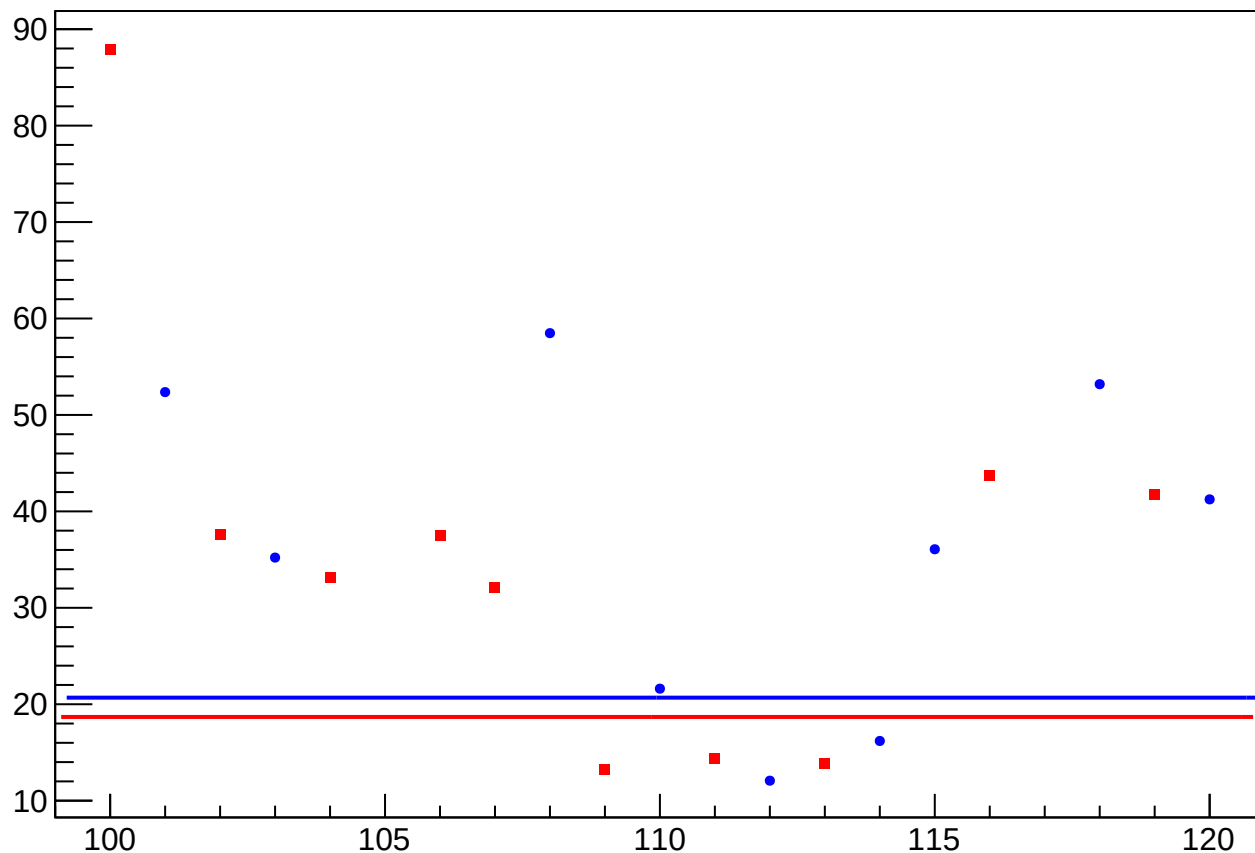
Right: -0.001+/-0.008 χ^2/NDF : 23.7/18

In: 0.017+/-0.013 χ^2/NDF : 14.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.008 χ^2/NDF : 23.7/18

asym_sam_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.684+/-0.009 χ^2/NDF : 1976977.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.682+/-0.008 χ^2/NDF : 1626780.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

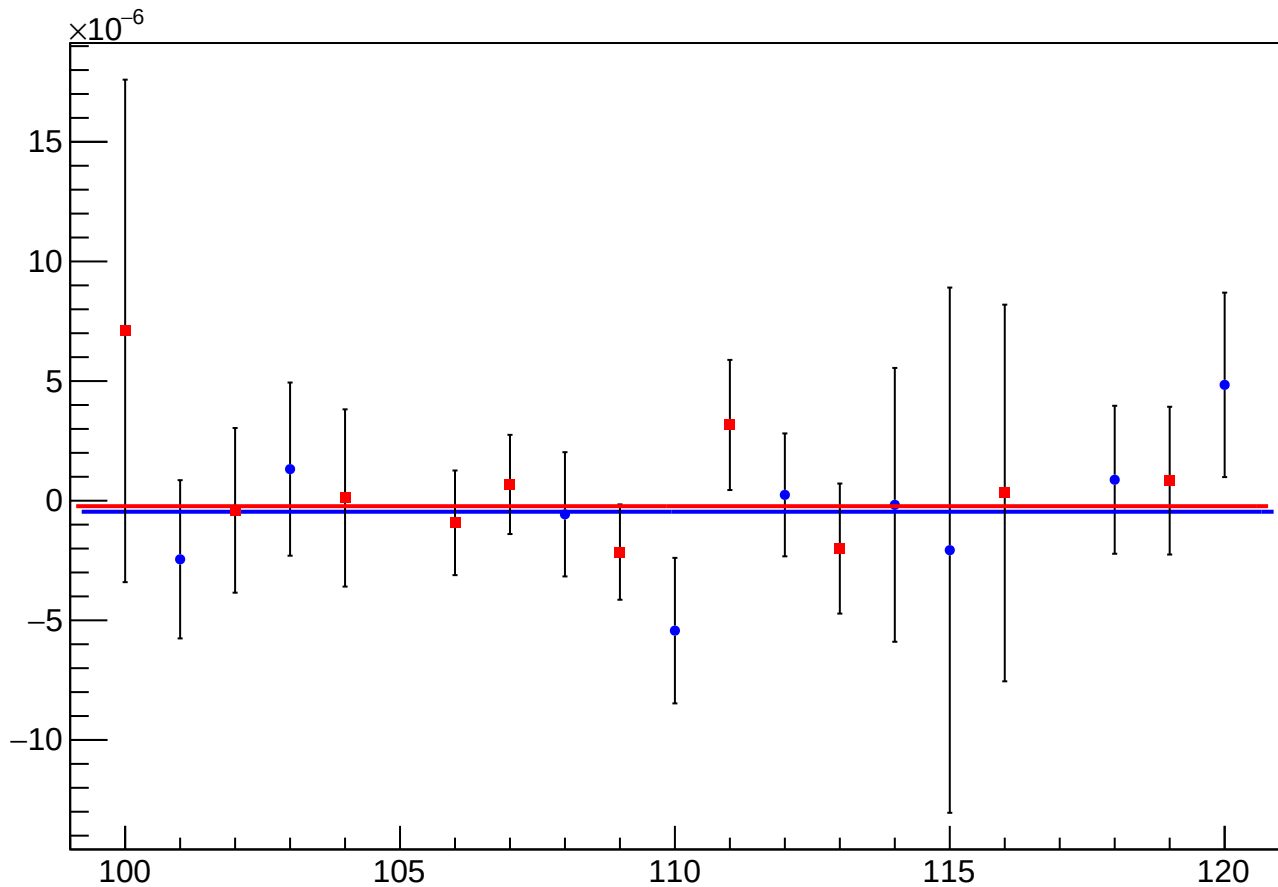
Right: 19.484+/-0.006 χ^2/NDF : 3630632.3/18

In: 20.684+/-0.009 χ^2/NDF : 1976977.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.484+/-0.006 χ^2/NDF : 3630632.3/18

asym_sam_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

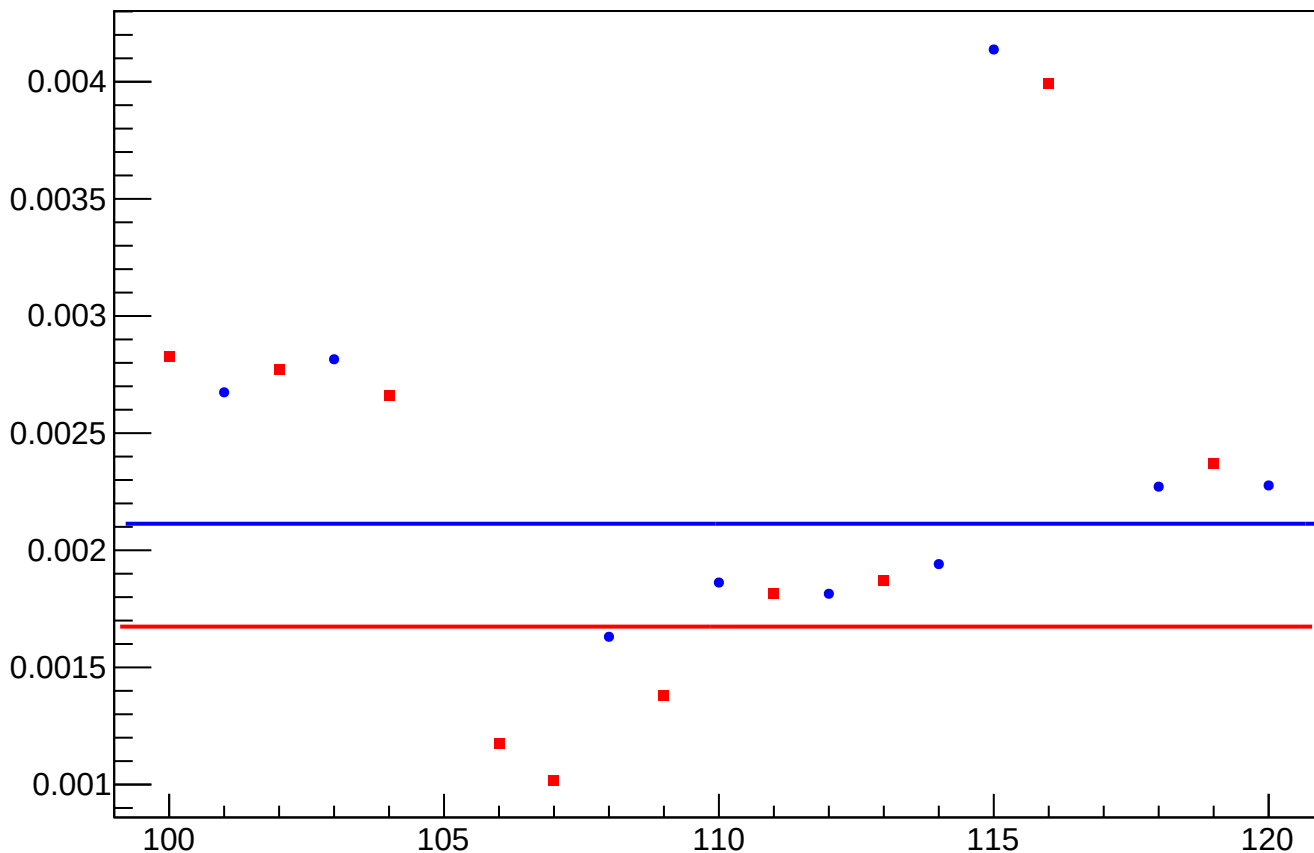
Right: -0.000+/-0.000 χ^2/NDF : 9.3/18

In: -0.000+/-0.000 χ^2/NDF : 5.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.3/18

asym_sam_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 321226.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1009298.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

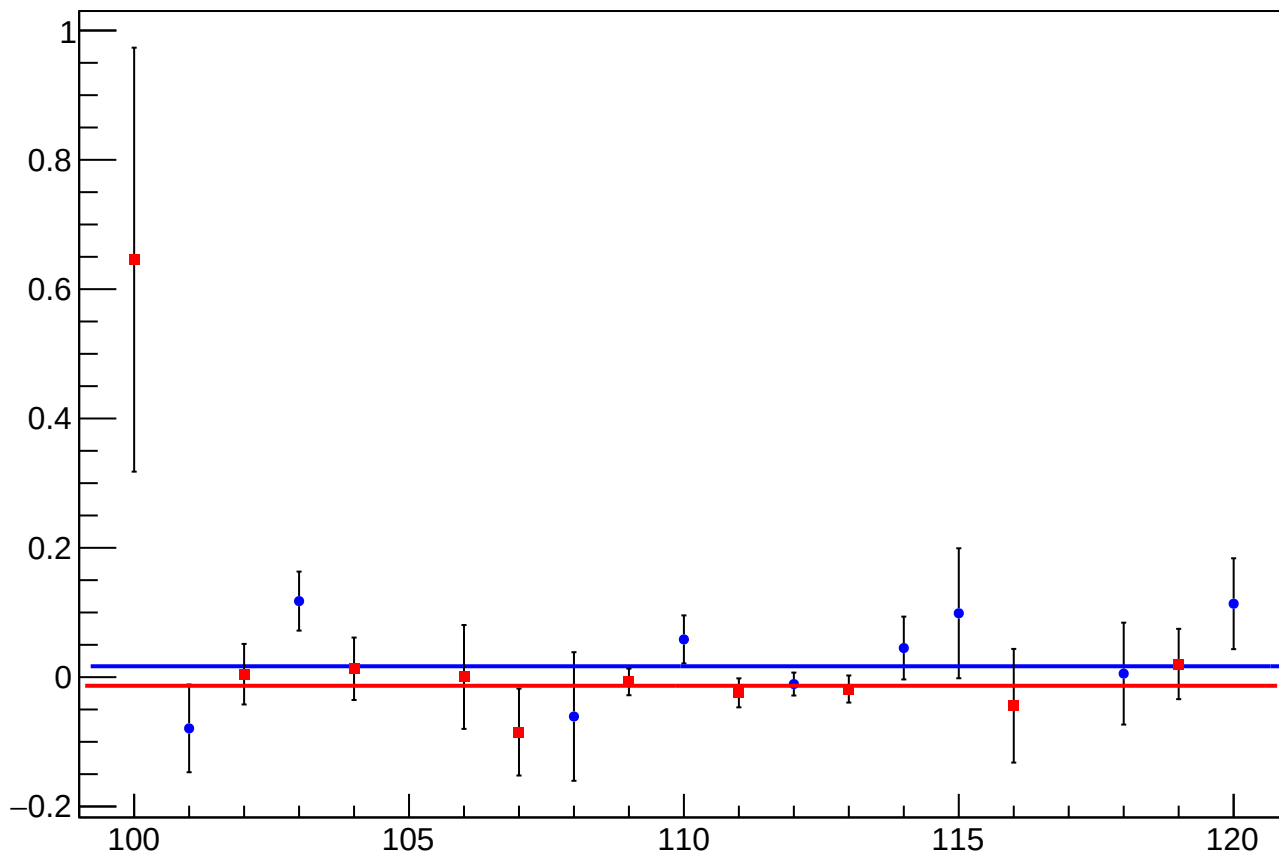
Right: 0.002+/-0.000 χ^2/NDF : 1516819.0/18

In: 0.002+/-0.000 χ^2/NDF :321226.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1516819.0/18

asym_sam_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017 $\pm$ 0.013 χ^2 /NDF: 14.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.013 $\pm$ 0.011 χ^2 /NDF: 6.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

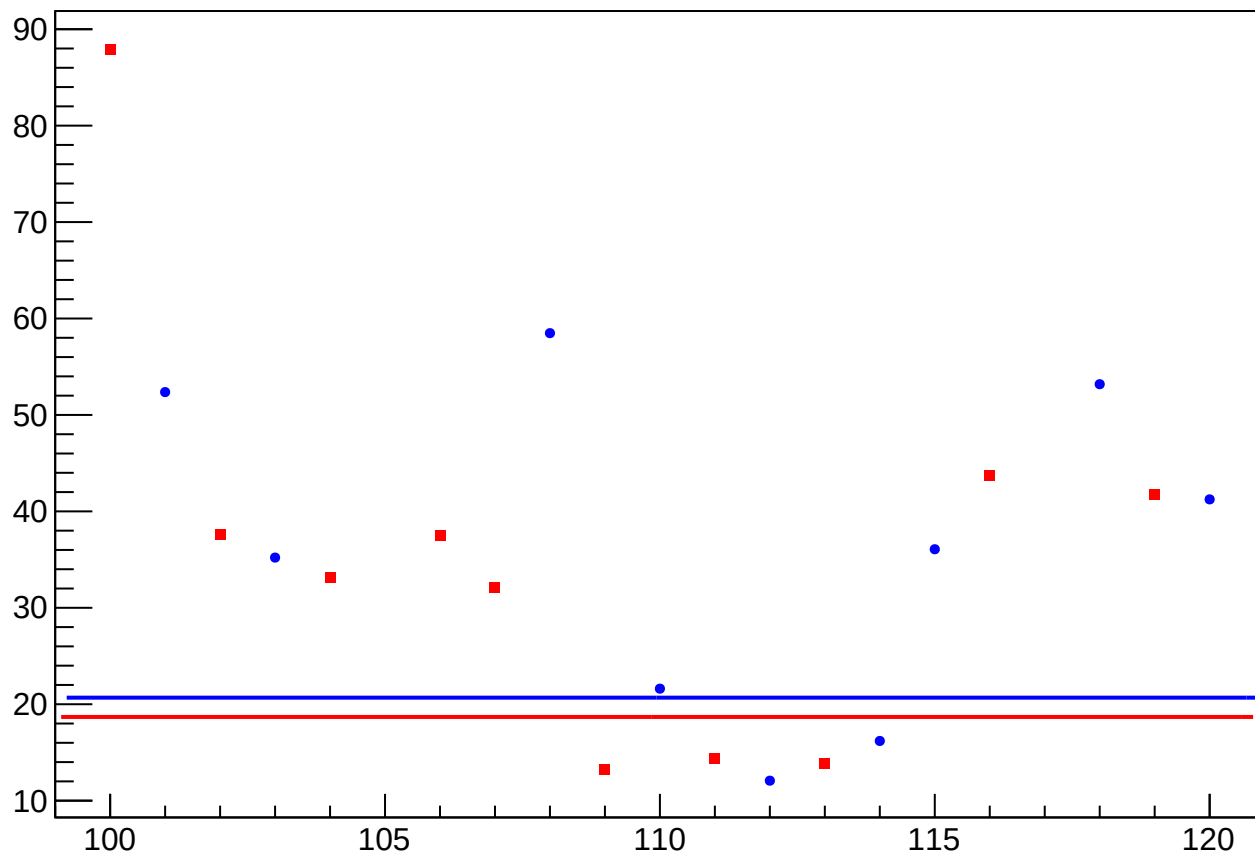
Right: -0.001 $\pm$ 0.008 χ^2 /NDF: 23.7/18

In: 0.017 $\pm$ 0.013 χ^2 /NDF:14.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.008 χ^2 /NDF: 23.7/18

asym_sam_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.682+/-0.009 χ^2/NDF : 1977174.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.681+/-0.008 χ^2/NDF : 1626784.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

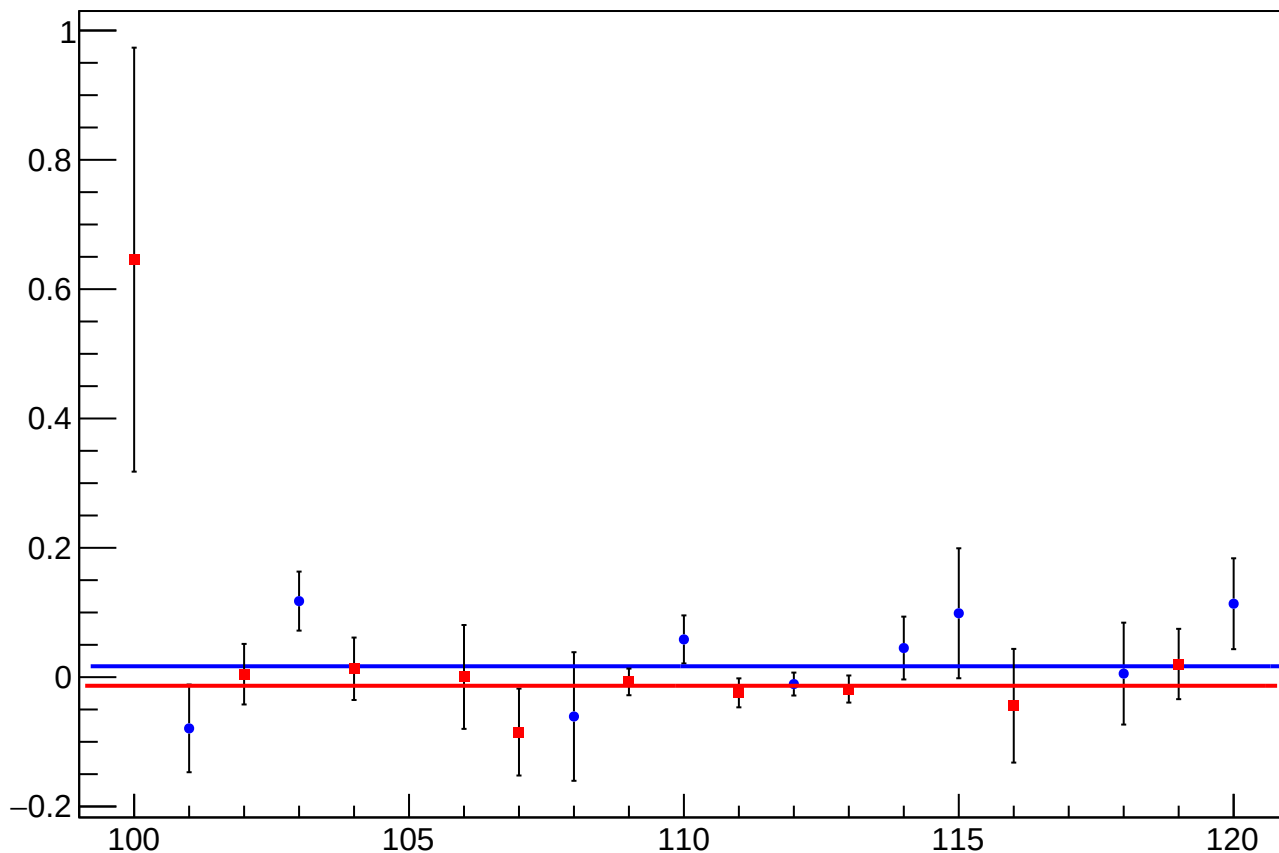
Right: 19.483+/-0.006 χ^2/NDF : 3630802.0/18

In: 20.682+/-0.009 χ^2/NDF : 1977174.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.483+/-0.006 χ^2/NDF : 3630802.0/18

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.013 χ^2/NDF : 14.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.013+/-0.011 χ^2/NDF : 6.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

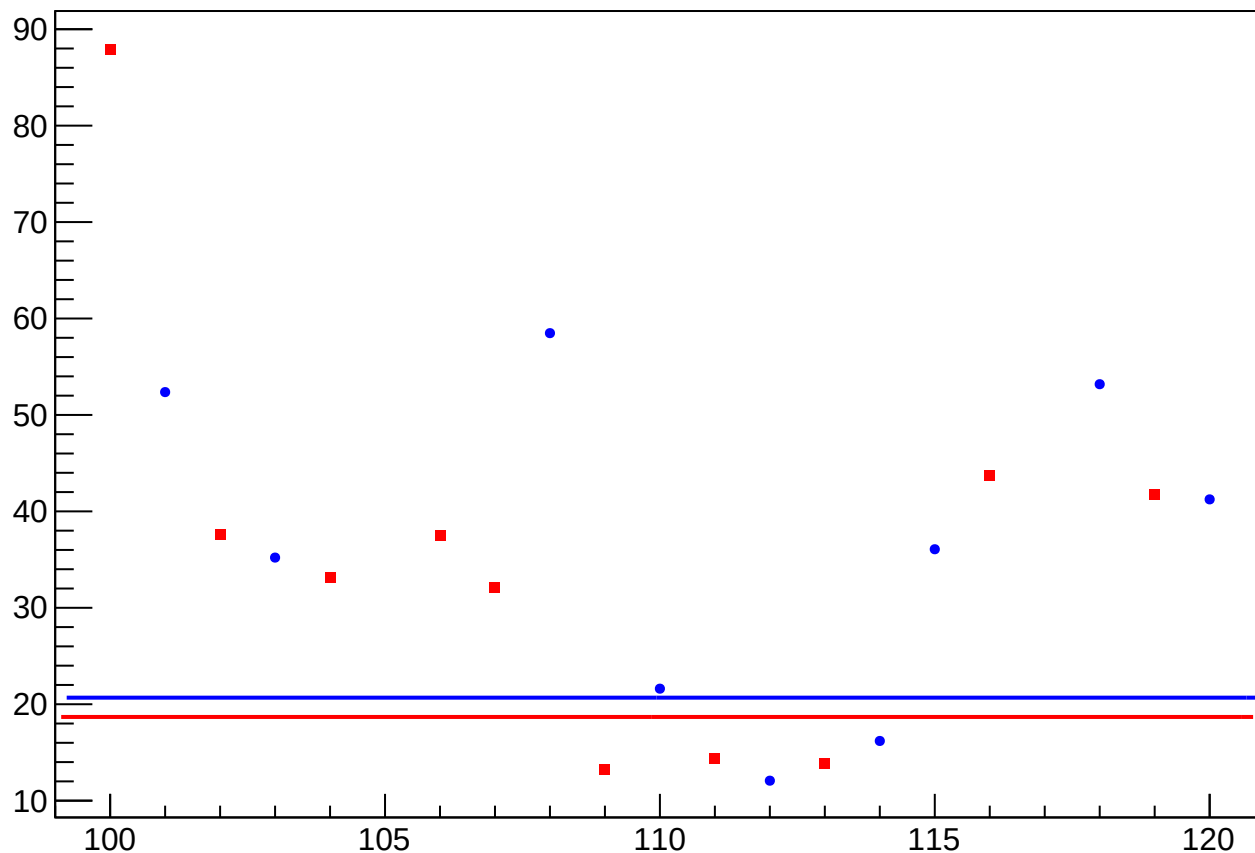
Right: -0.001+/-0.008 χ^2/NDF : 23.7/18

In: 0.017+/-0.013 χ^2/NDF : 14.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.008 χ^2/NDF : 23.7/18

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.682 $\pm$ 0.009 χ^2 /NDF: 1977174.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 18.681 $\pm$ 0.008 χ^2 /NDF: 1626784.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

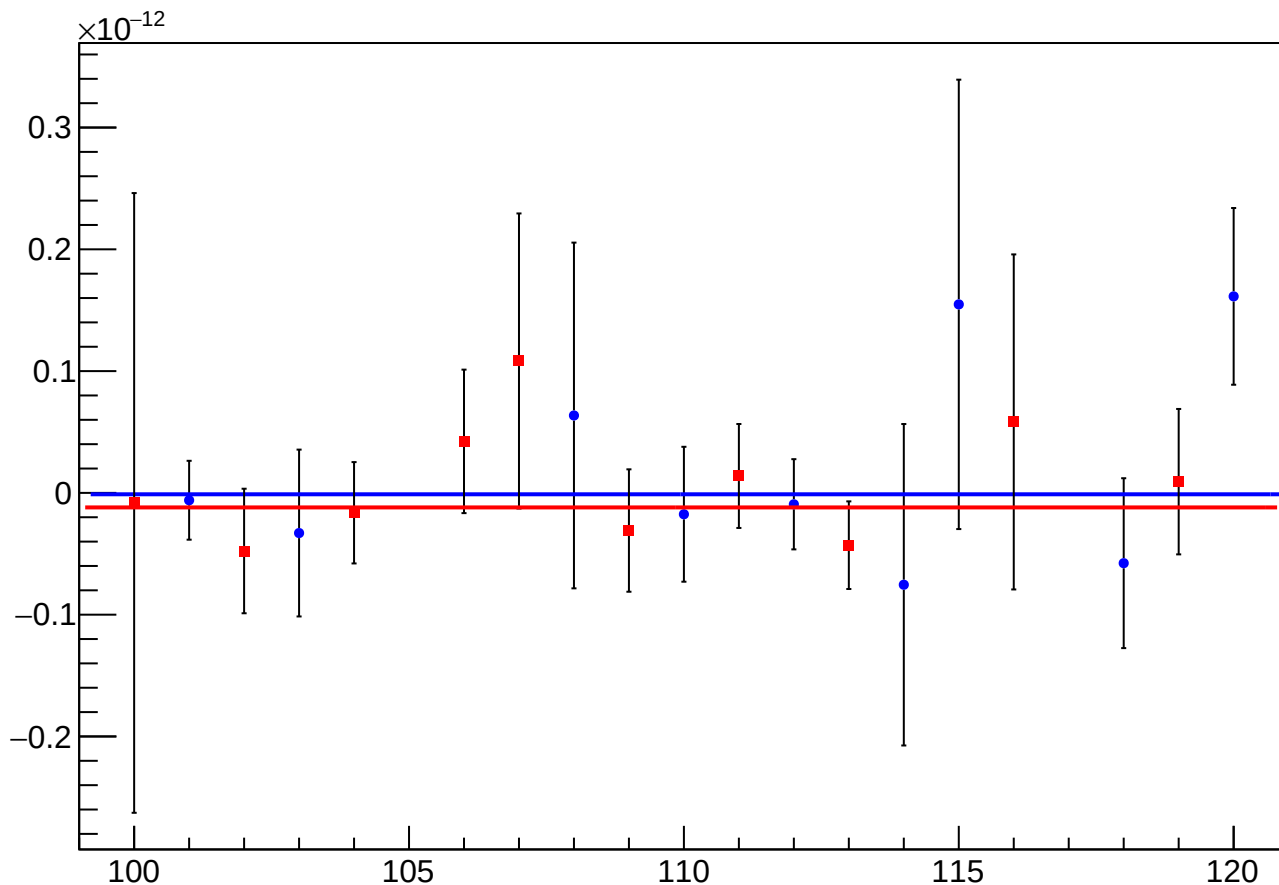
Right: 19.483 $\pm$ 0.006 χ^2 /NDF: 3630802.0/18

In: 20.682 $\pm$ 0.009 χ^2 /NDF:1977174.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 19.483 $\pm$ 0.006 χ^2 /NDF: 3630802.0/18

asym_sam_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

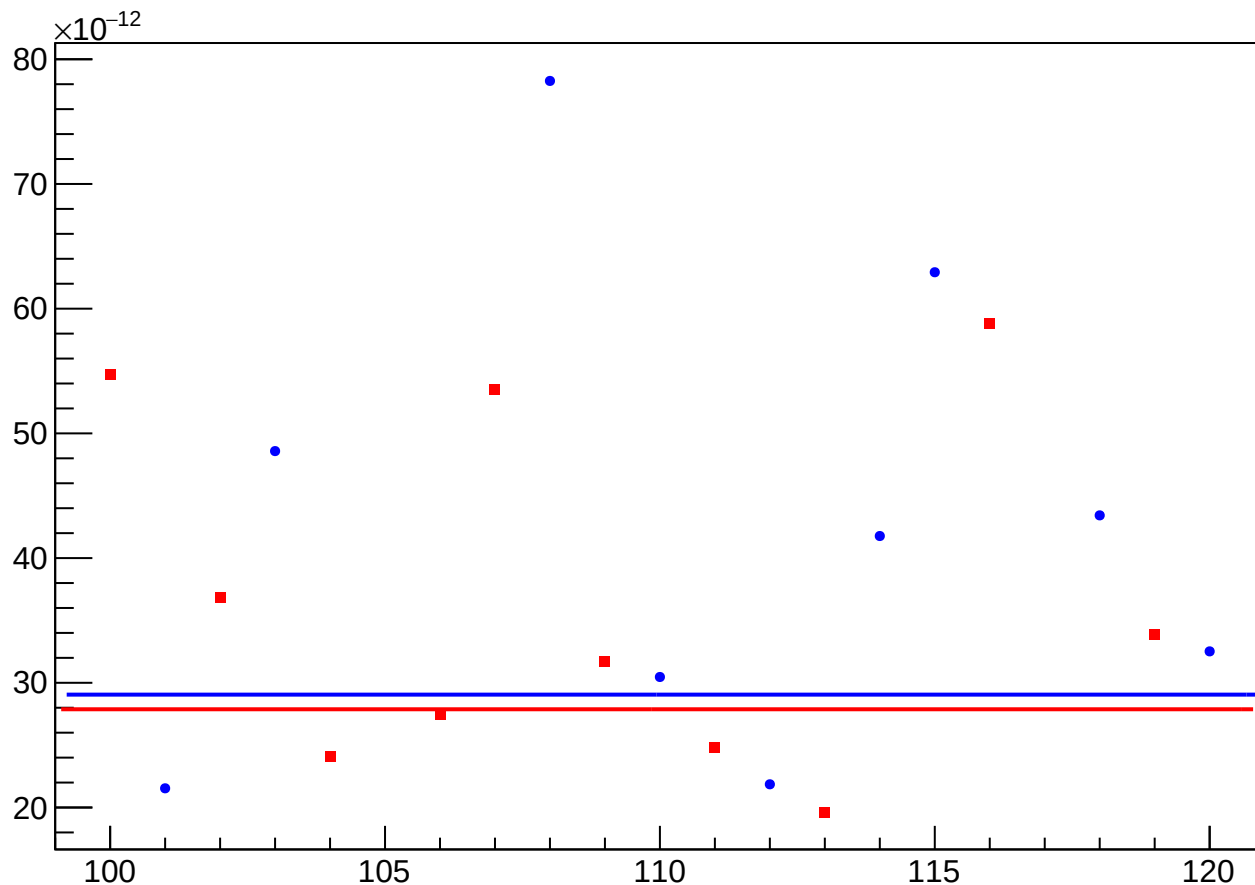
Right: -0.000+/-0.000 χ^2/NDF : 11.4/18

In: -0.000+/-0.000 χ^2/NDF :7.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.4/18

asym_sam_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 762730.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 439068.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

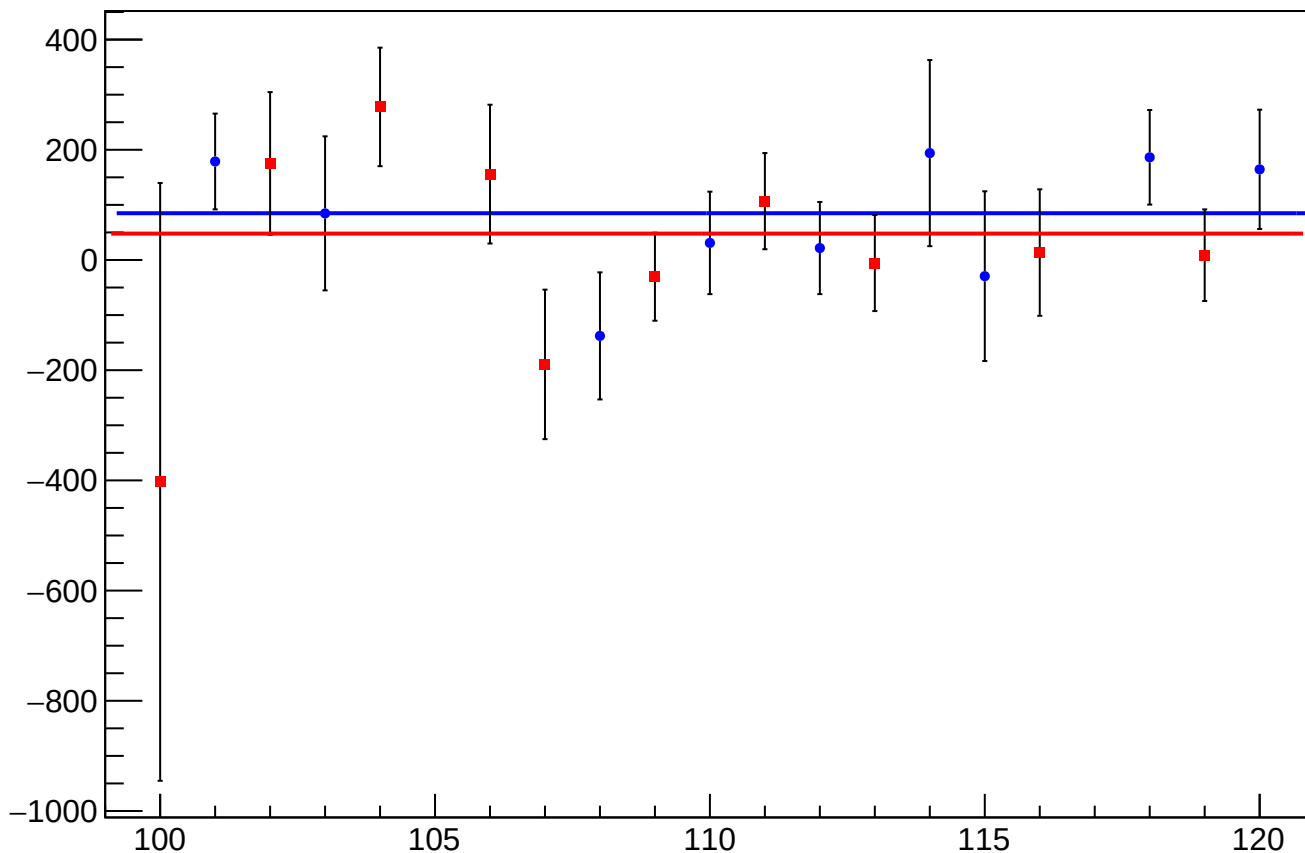
Right: 0.000+/-0.000 χ^2/NDF : 1205983.5/18

In: 0.000+/-0.000 χ^2/NDF : 762730.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1205983.5/18

reg_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 84.850+/-35.012 χ^2/NDF : 8.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.881+/-33.202 χ^2/NDF : 12.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

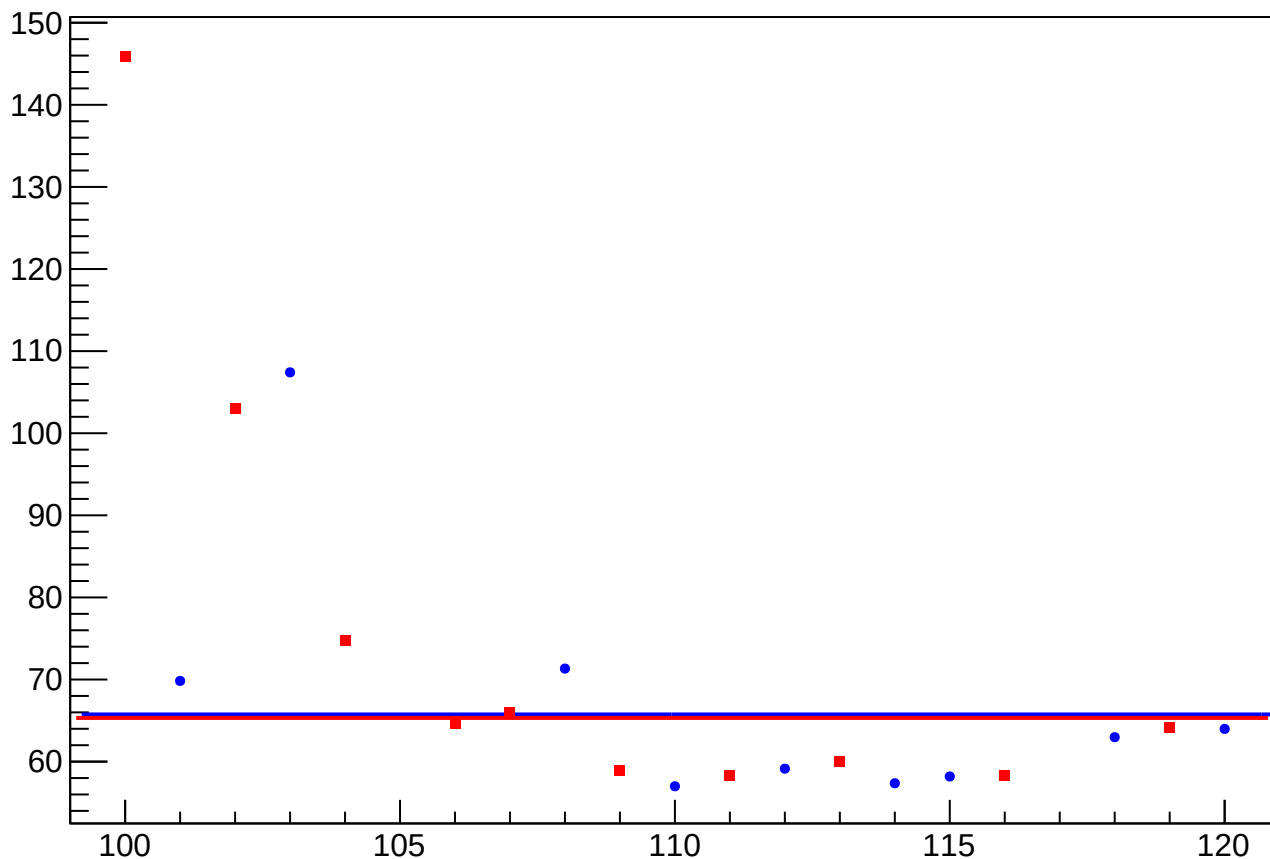
Right: 65.385+/-24.092 χ^2/NDF : 21.4/18

In: 84.850+/-35.012 χ^2/NDF : 8.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.385+/-24.092 χ^2/NDF : 21.4/18

reg_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 65.746 $\pm$ 0.025 χ^2 /NDF: 229356.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 65.324 $\pm$ 0.023 χ^2 /NDF: 270374.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

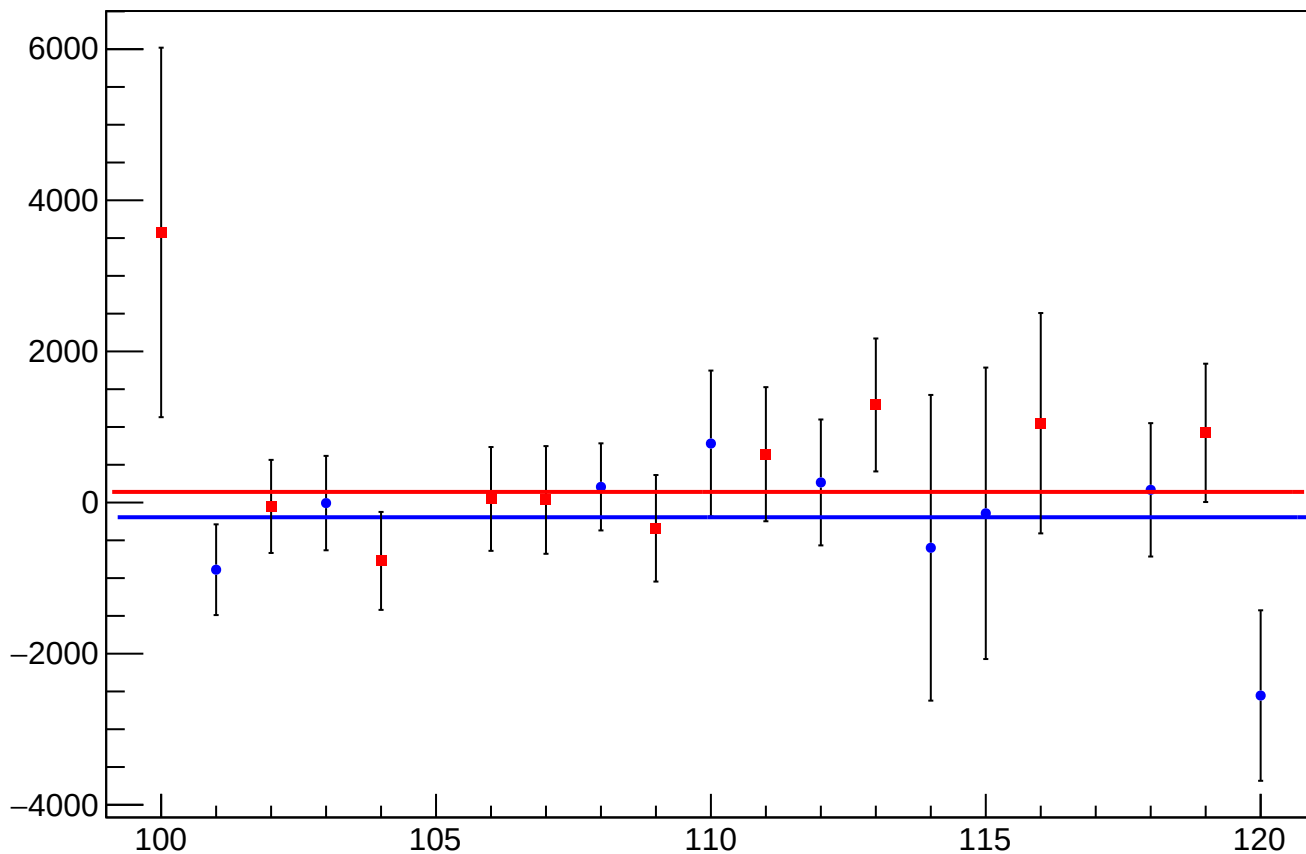
Right: 65.524 $\pm$ 0.017 χ^2 /NDF: 499883.9/18

In: 65.746 $\pm$ 0.025 χ^2 /NDF:229356.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 65.524 $\pm$ 0.017 χ^2 /NDF: 499883.9/18

asym_sam_13_57_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -194.409+/-272.724 χ^2/NDF : 7.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 140.795+/-253.932 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

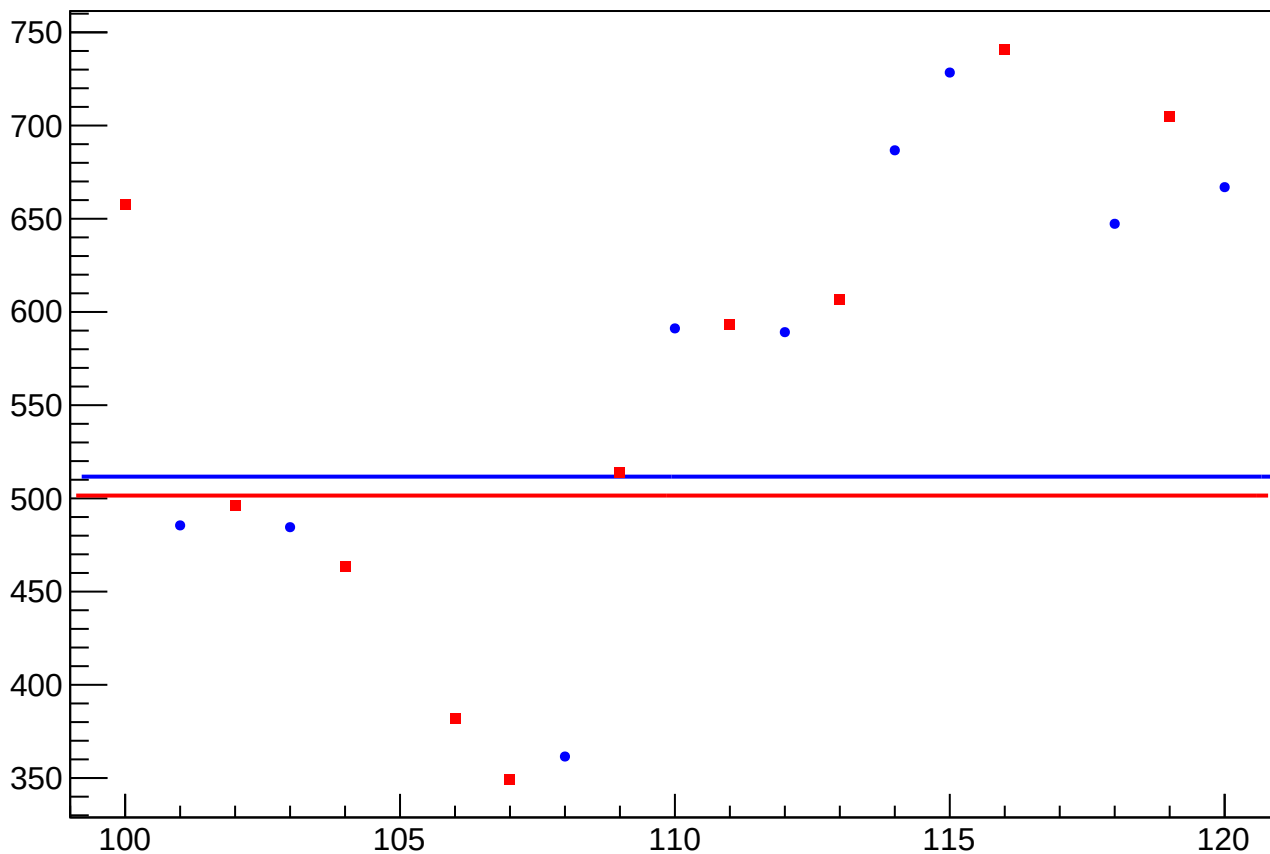
Right: -14.862+/-185.845 χ^2/NDF : 16.3/18

In: -194.409+/-272.724 χ^2/NDF : 7.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.862+/-185.845 χ^2/NDF : 16.3/18

asym_sam_13_57_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 511.671 $\pm$ 0.193 χ^2 /NDF: 299536.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 501.515 $\pm$ 0.180 χ^2 /NDF: 370390.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

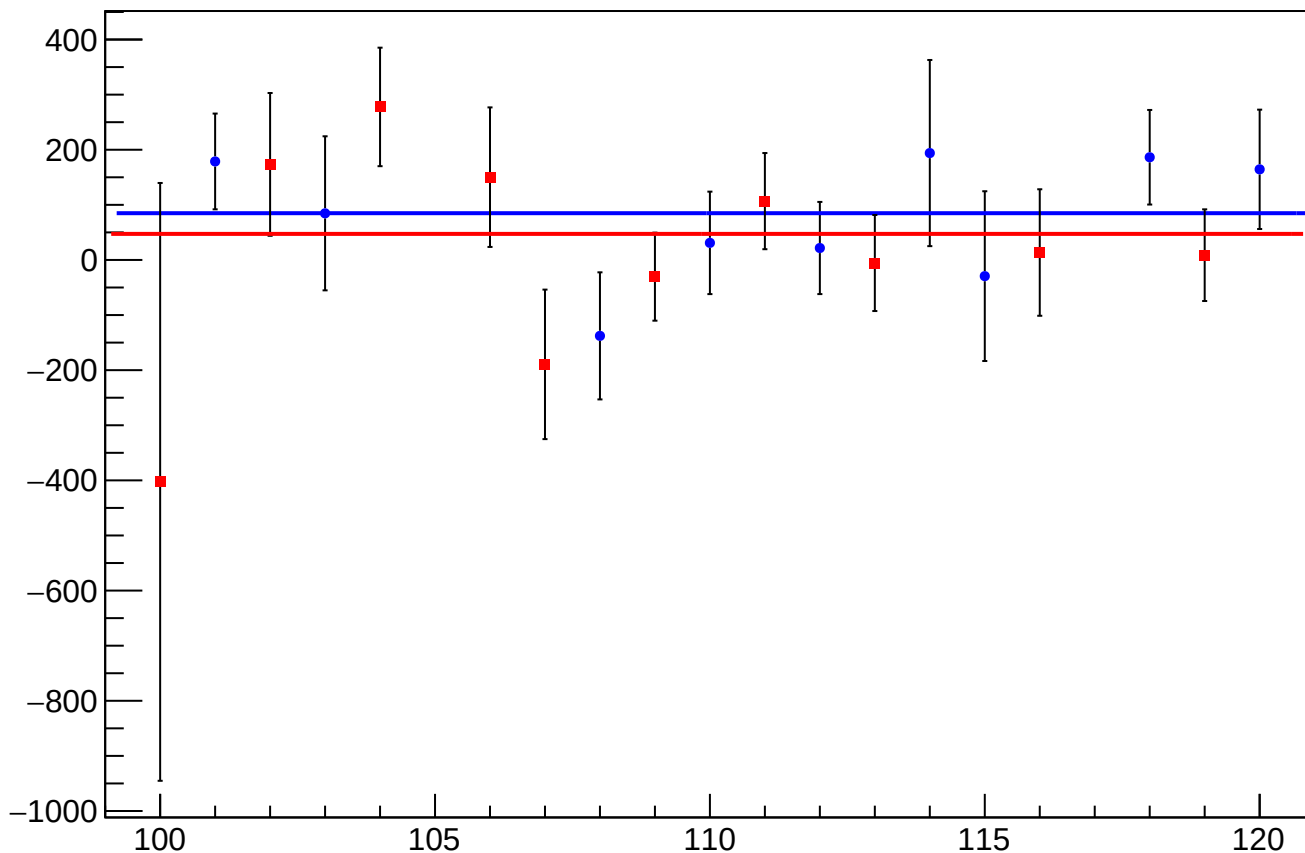
Right: 506.231 $\pm$ 0.131 χ^2 /NDF: 671412.3/18

In: 511.671 $\pm$ 0.193 χ^2 /NDF:299536.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 506.231 $\pm$ 0.131 χ^2 /NDF: 671412.3/18

cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 84.853+/-35.012 χ^2/NDF : 8.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.288+/-33.216 χ^2/NDF : 12.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

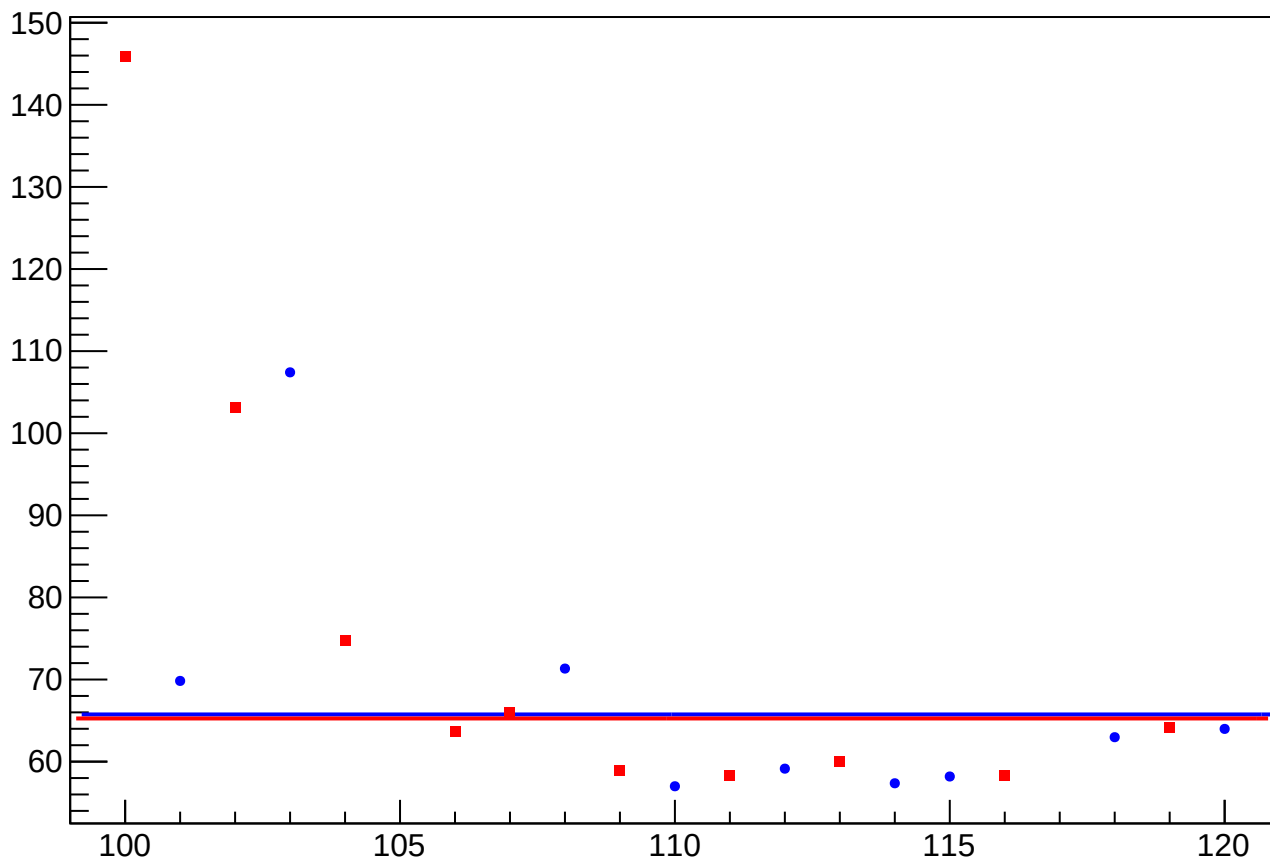
Right: 65.083+/-24.097 χ^2/NDF : 21.3/18

In: 84.853+/-35.012 χ^2/NDF : 8.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.083+/-24.097 χ^2/NDF : 21.3/18

cor_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 65.746+/-0.025 χ^2/NDF : 229358.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.257+/-0.023 χ^2/NDF : 270885.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

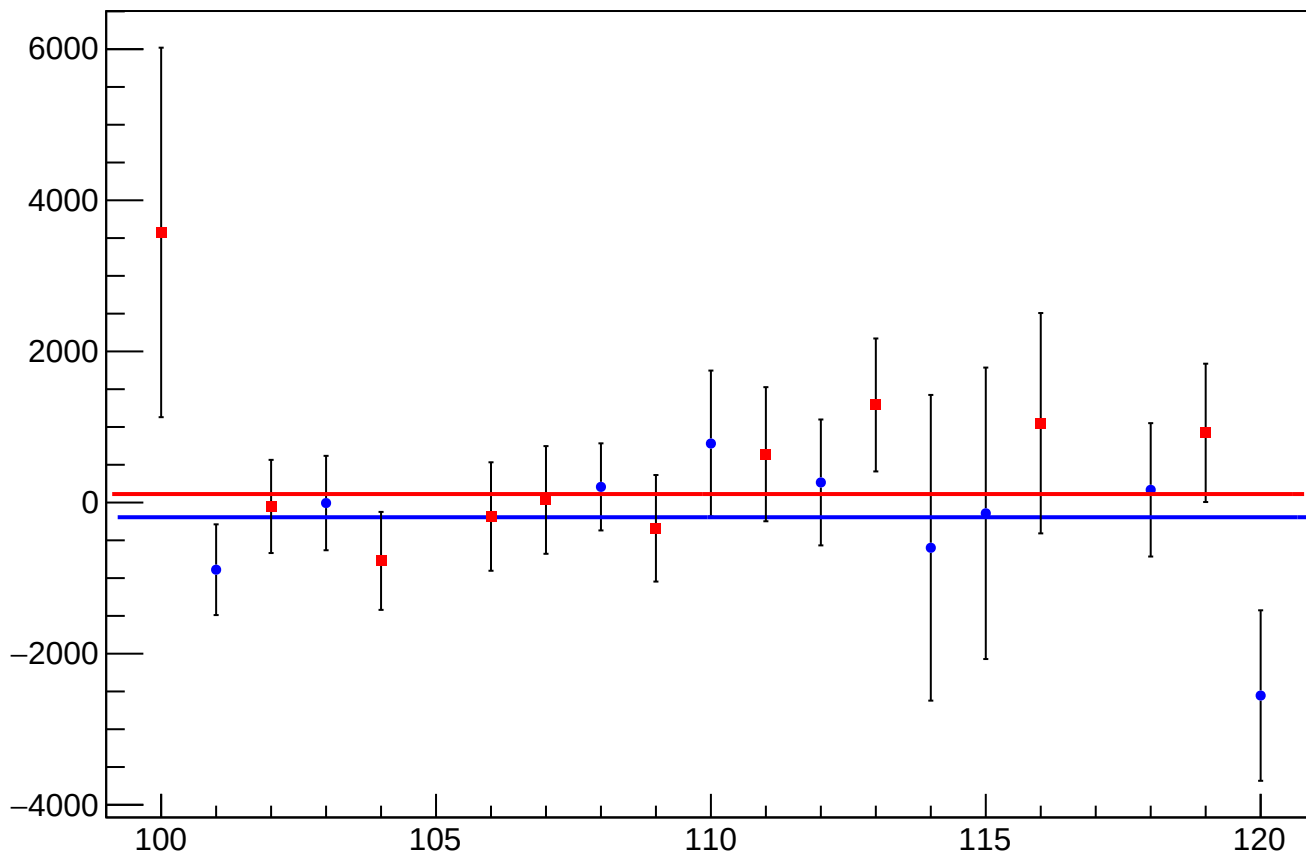
Right: 65.489+/-0.017 χ^2/NDF : 500449.5/18

In: 65.746+/-0.025 χ^2/NDF : 229358.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.489+/-0.017 χ^2/NDF : 500449.5/18

asym_sam_13_57_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -194.319+/-272.727 χ^2/NDF : 7.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.467+/-255.446 χ^2/NDF : 7.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

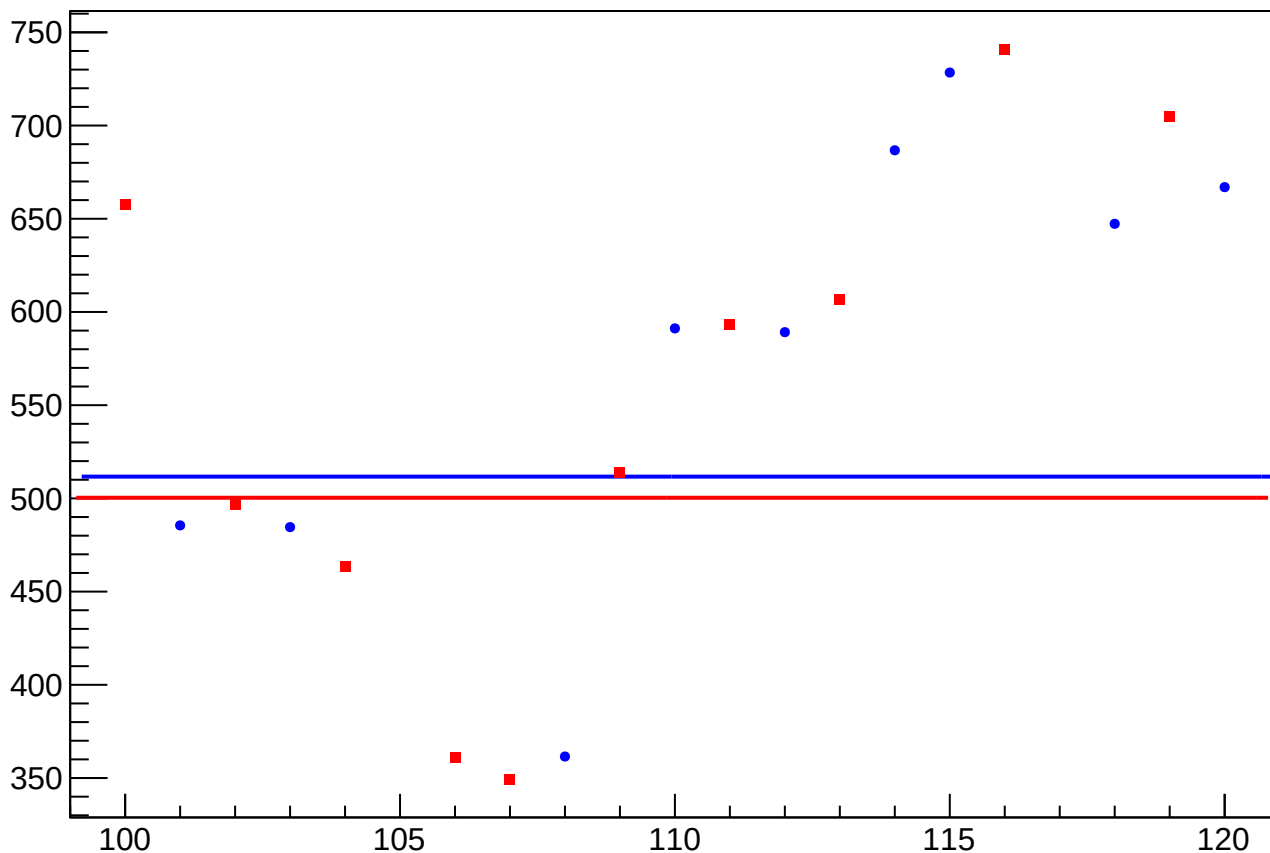
Right: -30.899+/-186.438 χ^2/NDF : 16.4/18

In: -194.319+/-272.727 χ^2/NDF : 7.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.899+/-186.438 χ^2/NDF : 16.4/18

asym_sam_13_57_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 511.678 $\pm$ 0.193 χ^2 /NDF: 299527.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 500.343 $\pm$ 0.181 χ^2 /NDF: 386362.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

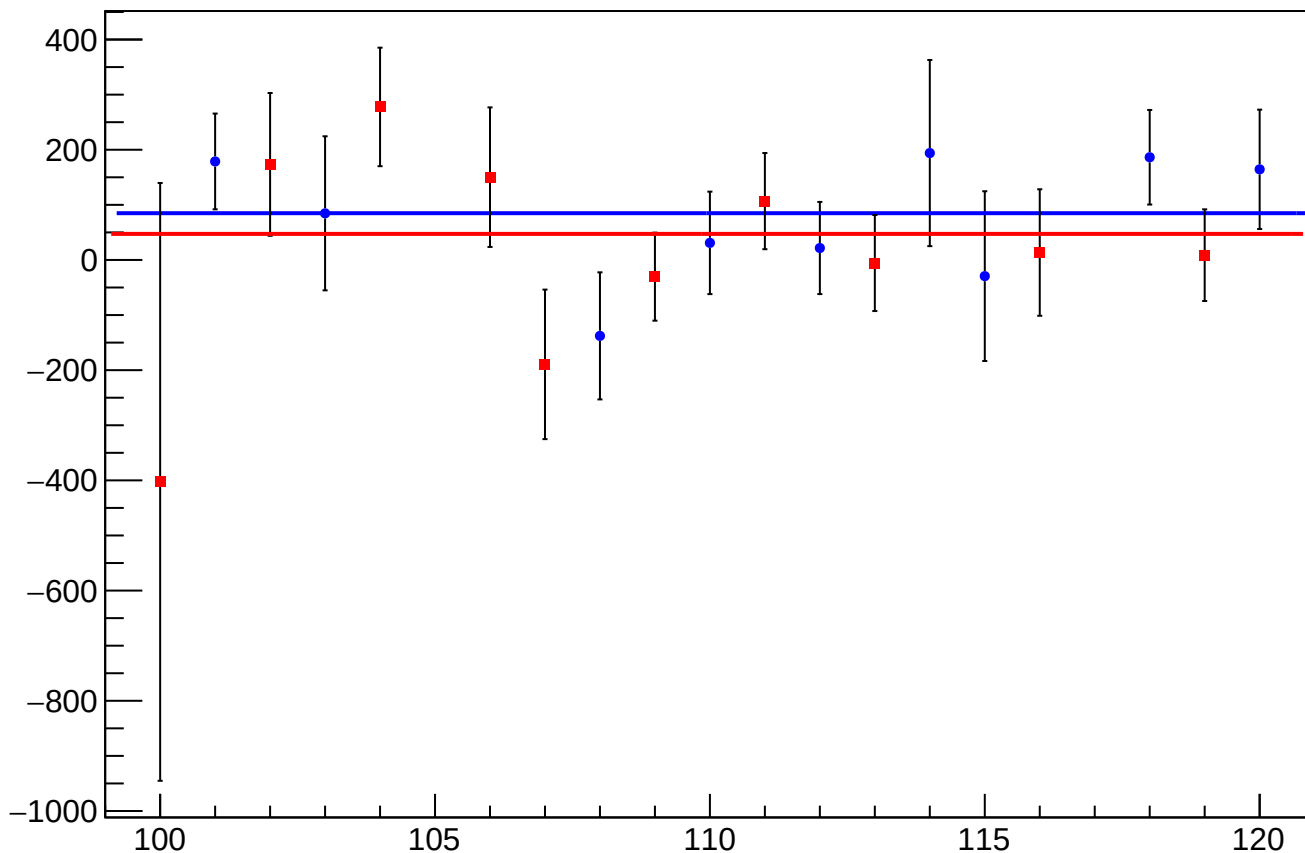
Right: 505.640 $\pm$ 0.132 χ^2 /NDF: 687730.4/18

In: 511.678 $\pm$ 0.193 χ^2 /NDF:299527.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 505.640 $\pm$ 0.132 χ^2 /NDF: 687730.4/18

eigen_cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 84.853+/-35.012 χ^2/NDF : 8.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.288+/-33.216 χ^2/NDF : 12.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

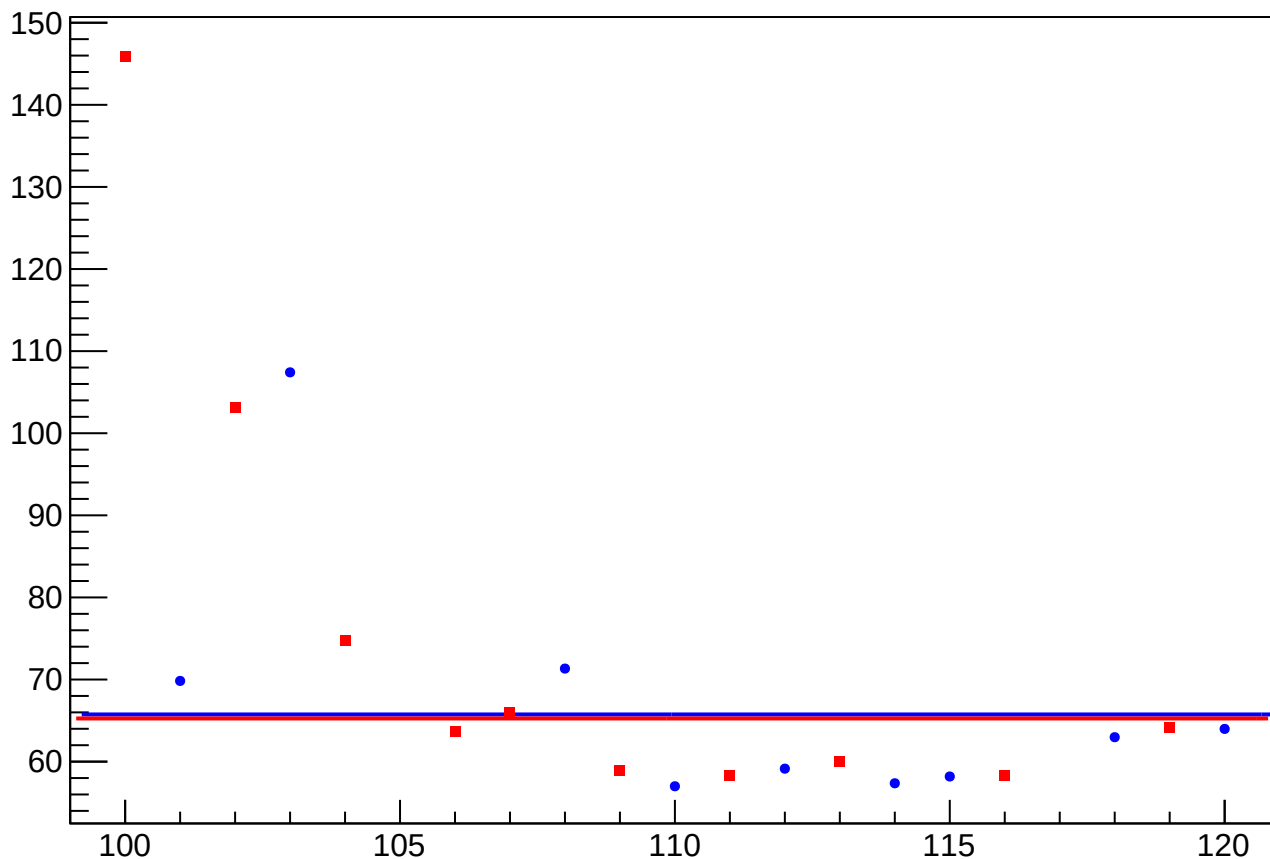
Right: 65.083+/-24.097 χ^2/NDF : 21.3/18

In: 84.853+/-35.012 χ^2/NDF : 8.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.083+/-24.097 χ^2/NDF : 21.3/18

eigen_cor_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 65.746+/-0.025 χ^2/NDF : 229358.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.257+/-0.023 χ^2/NDF : 270885.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

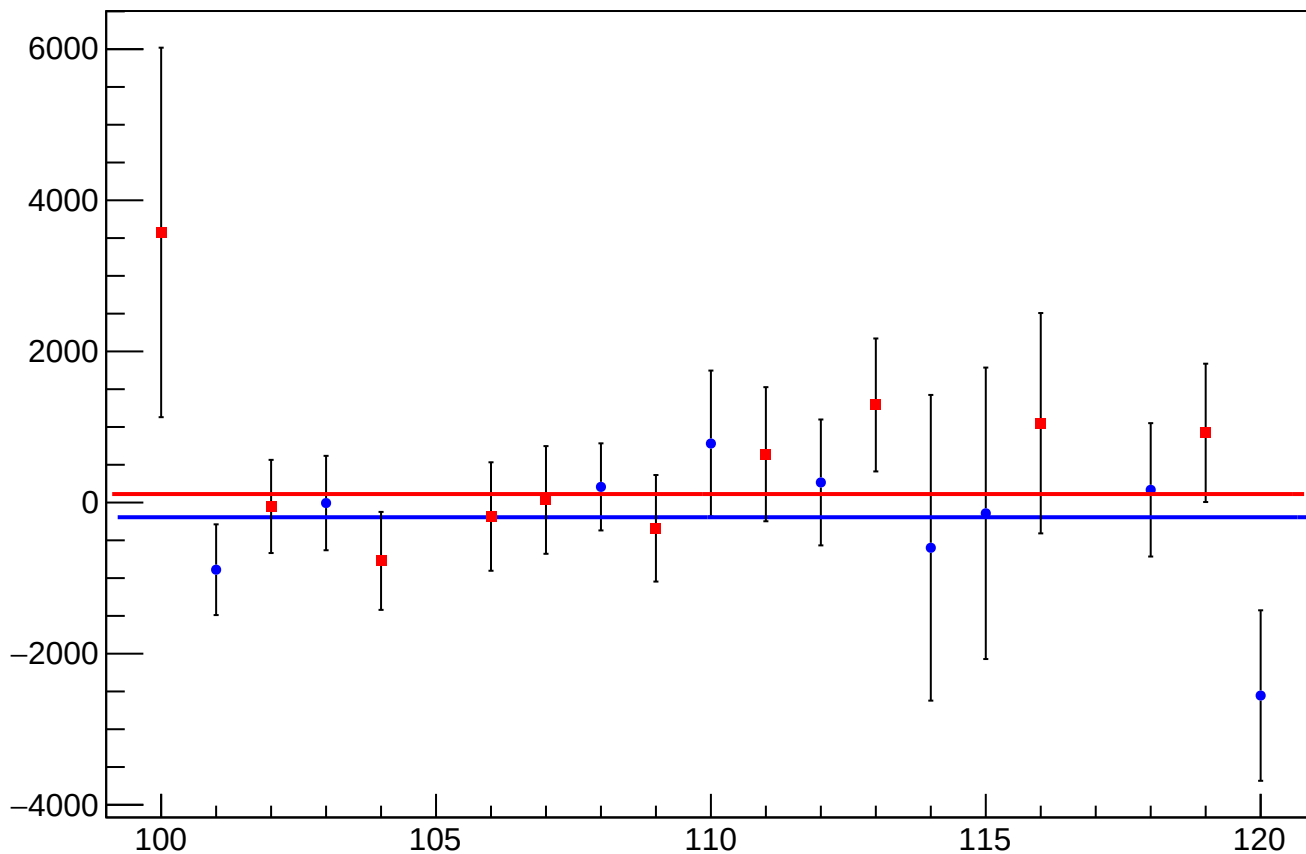
Right: 65.489+/-0.017 χ^2/NDF : 500449.5/18

In: 65.746+/-0.025 χ^2/NDF : 229358.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.489+/-0.017 χ^2/NDF : 500449.5/18

asym_sam_13_57_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -194.319+/-272.727 χ^2 /NDF: 7.8/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 112.467+/-255.446 χ^2 /NDF: 7.9/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

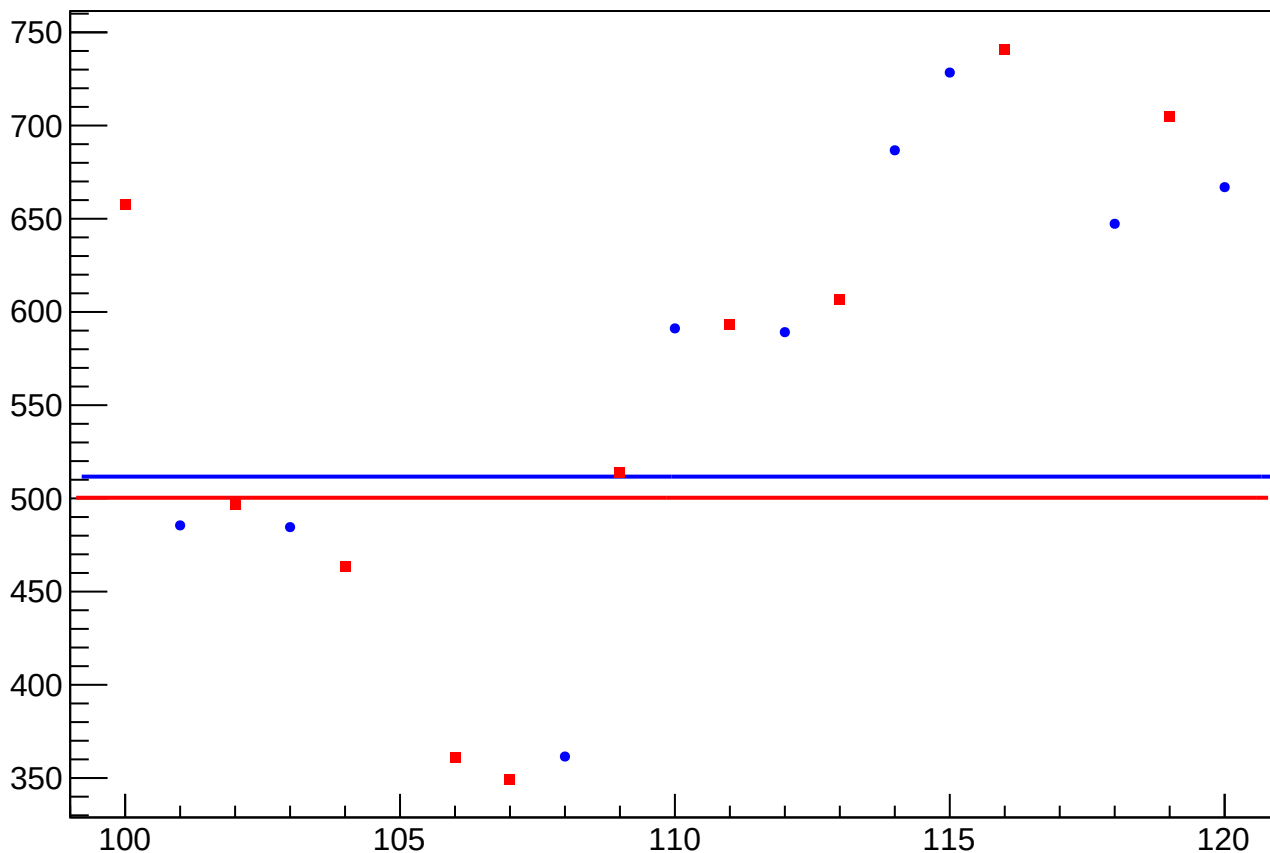
Right: -30.899+/-186.438 χ^2 /NDF: 16.4/18

In: -194.319+/-272.727 χ^2 /NDF:7.8/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -30.899+/-186.438 χ^2 /NDF: 16.4/18

asym_sam_13_57_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 511.678+/-0.193 χ^2/NDF : 299527.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 500.343+/-0.181 χ^2/NDF : 386362.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

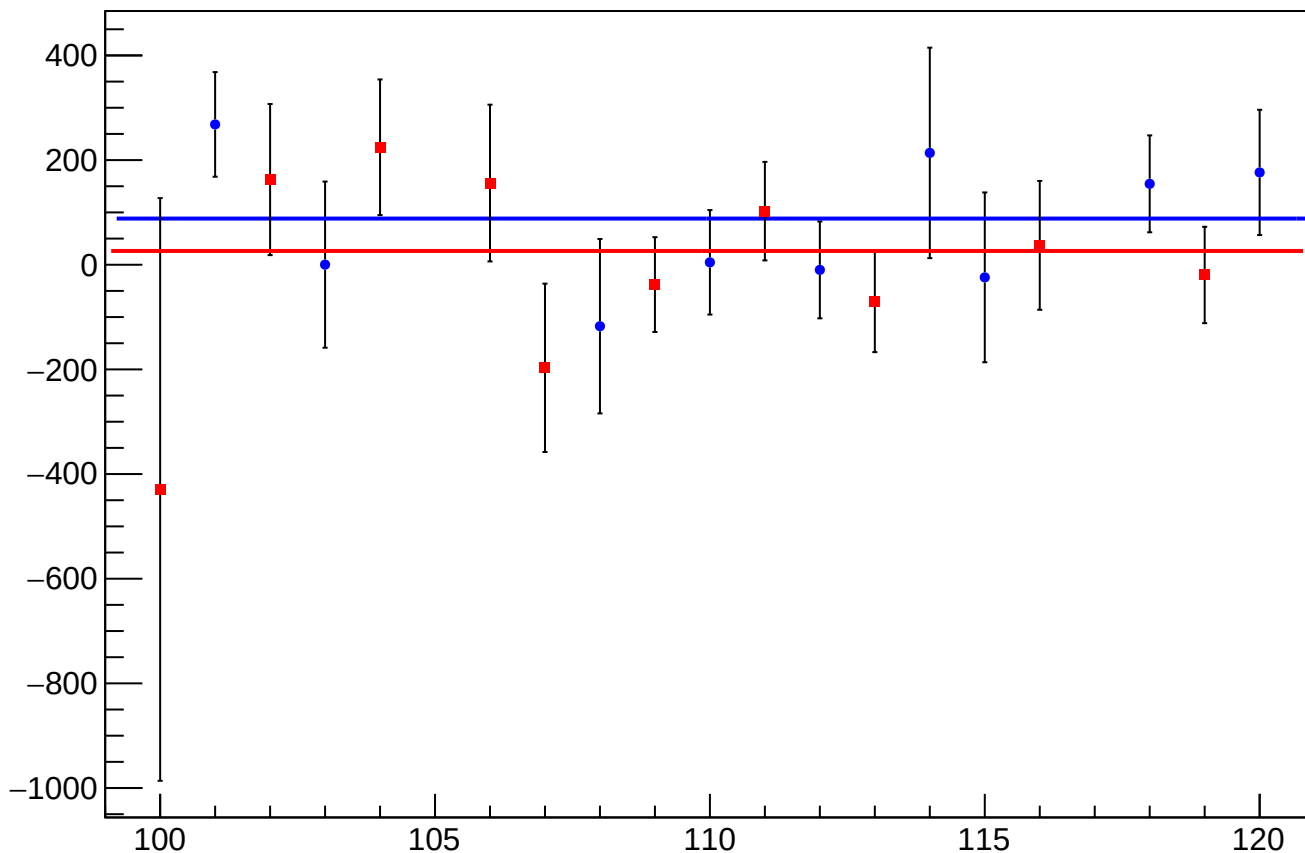
Right: 505.640+/-0.132 χ^2/NDF : 687730.4/18

In: 511.678+/-0.193 χ^2/NDF : 299527.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 505.640+/-0.132 χ^2/NDF : 687730.4/18

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 88.250+/-39.473 χ^2/NDF : 8.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.349+/-37.330 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

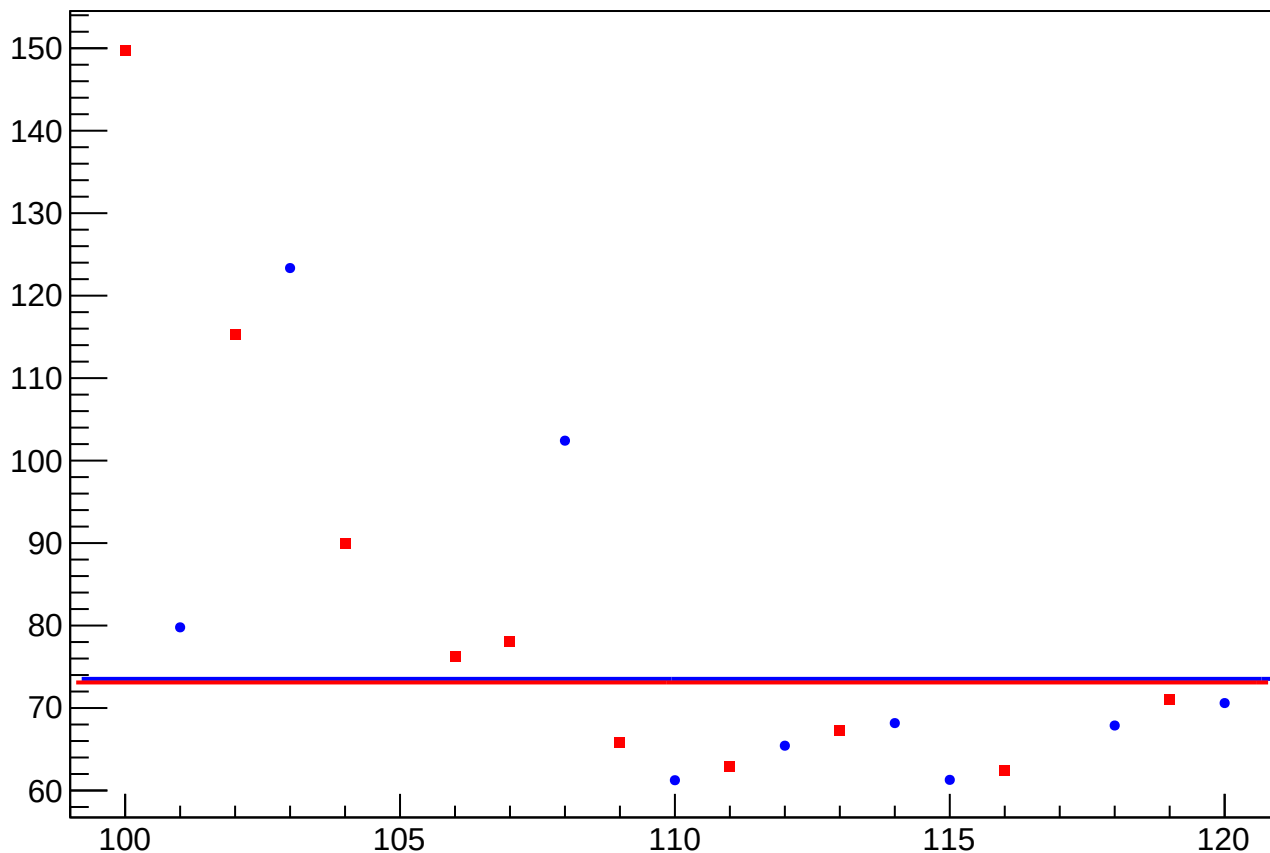
Right: 55.574+/-27.122 χ^2/NDF : 19.1/18

In: 88.250+/-39.473 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.574+/-27.122 χ^2/NDF : 19.1/18

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 73.535+/-0.028 χ^2/NDF : 331736.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.099+/-0.026 χ^2/NDF : 304543.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

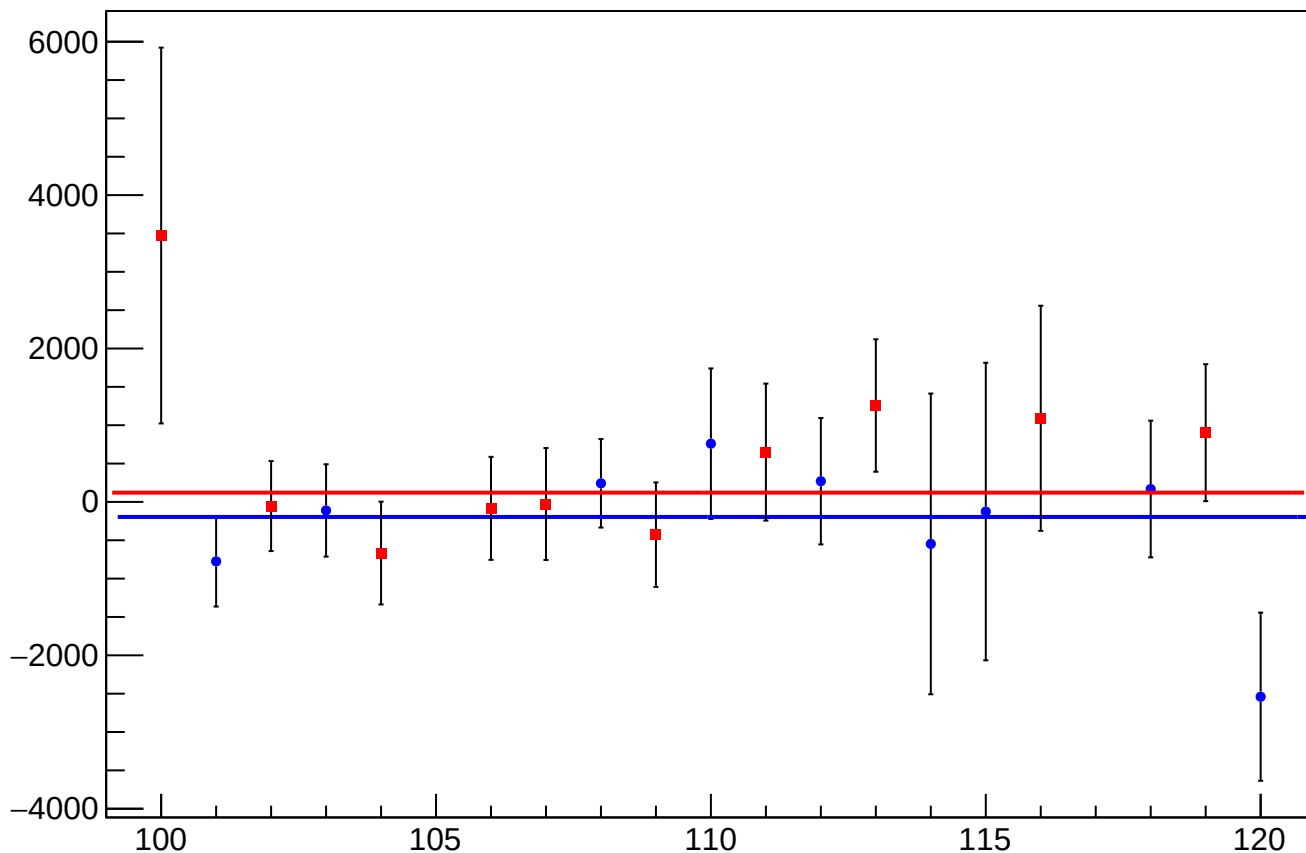
Right: 73.305+/-0.019 χ^2/NDF : 636408.8/18

In: 73.535+/-0.028 χ^2/NDF : 331736.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.305+/-0.019 χ^2/NDF : 636408.8/18

asym_sam_13_57_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -196.128+/-269.467 χ^2 /NDF: 7.6/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 120.847+/-251.040 χ^2 /NDF: 7.4/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

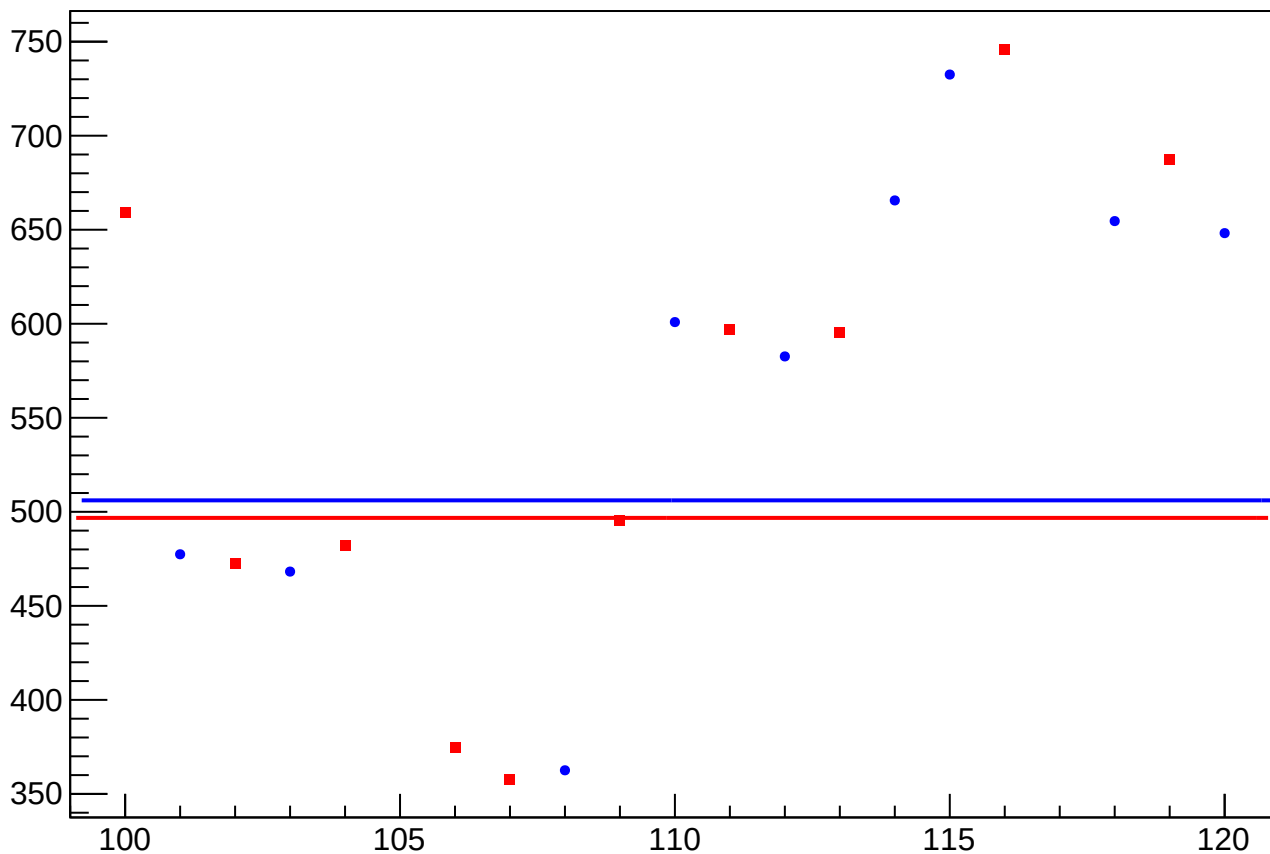
Right: -26.433+/-183.681 χ^2 /NDF: 15.8/18

In: -196.128+/-269.467 χ^2 /NDF:7.6/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -26.433+/-183.681 χ^2 /NDF: 15.8/18

asym_sam_13_57_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 506.094 $\pm$ 0.191 χ^2 /NDF: 301961.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 496.773 $\pm$ 0.178 χ^2 /NDF: 352249.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

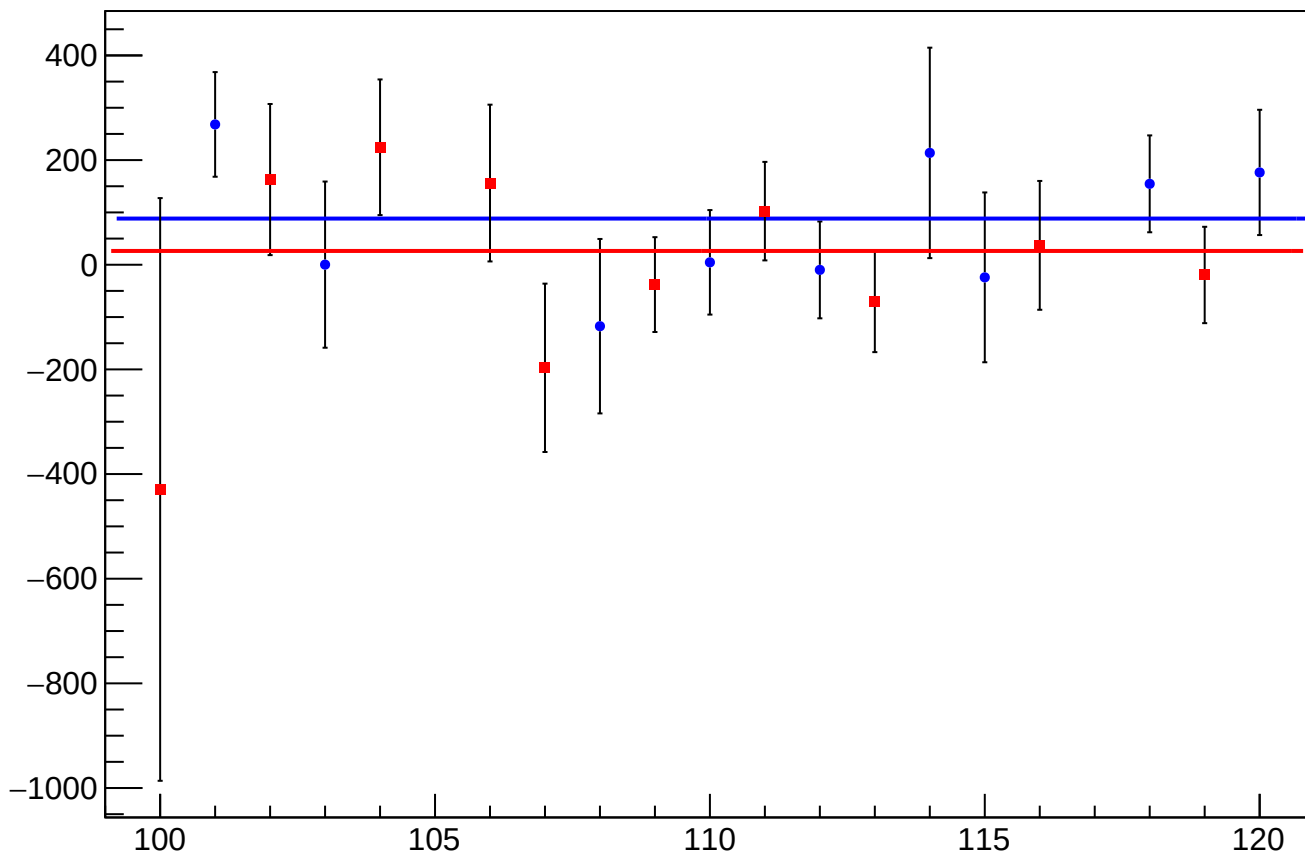
Right: 501.104 $\pm$ 0.130 χ^2 /NDF: 655492.1/18

In: 506.094 $\pm$ 0.191 χ^2 /NDF:301961.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 501.104 $\pm$ 0.130 χ^2 /NDF: 655492.1/18

eigen_dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 88.251+/-39.473 χ^2/NDF : 8.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.348+/-37.330 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

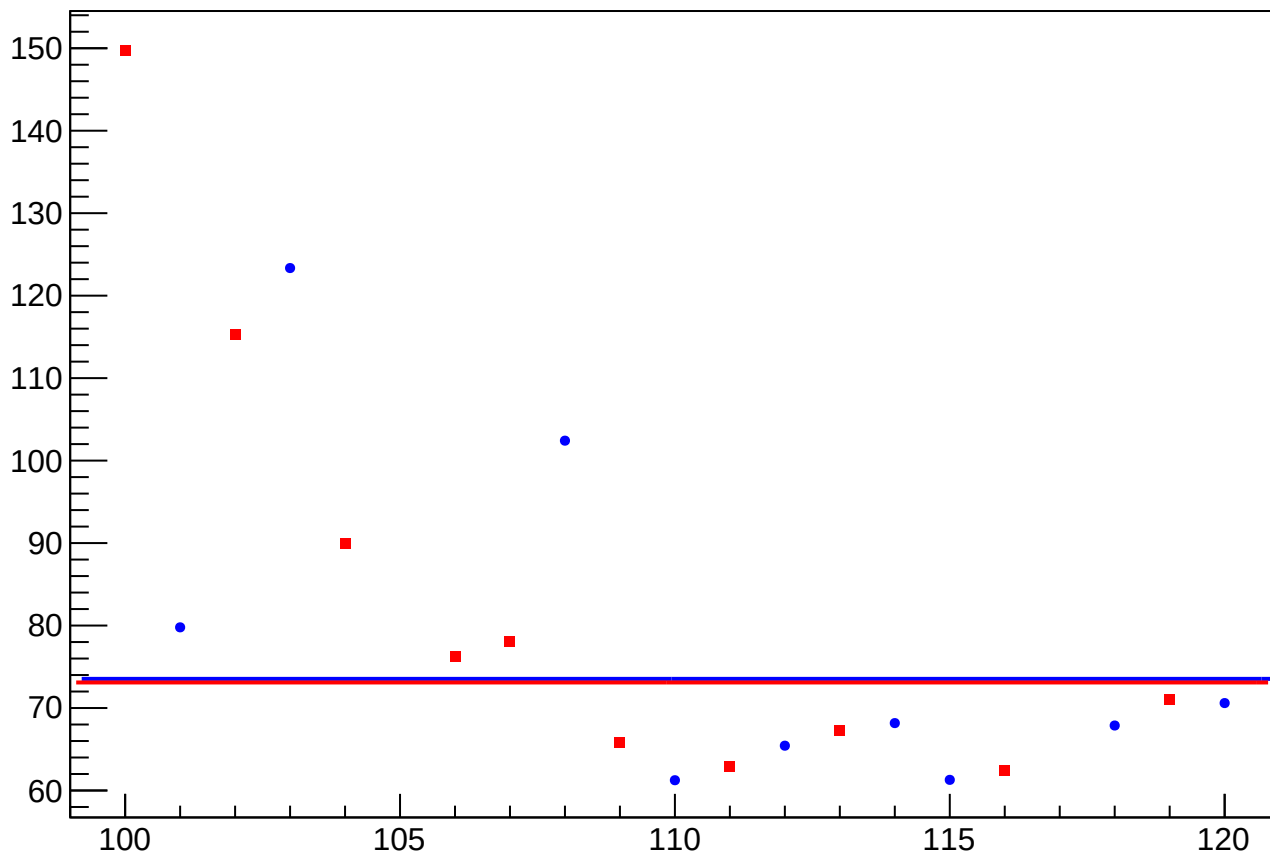
Right: 55.574+/-27.122 χ^2/NDF : 19.1/18

In: 88.251+/-39.473 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.574+/-27.122 χ^2/NDF : 19.1/18

eigen_dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 73.535+/-0.028 χ^2/NDF : 331743.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.099+/-0.026 χ^2/NDF : 304545.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

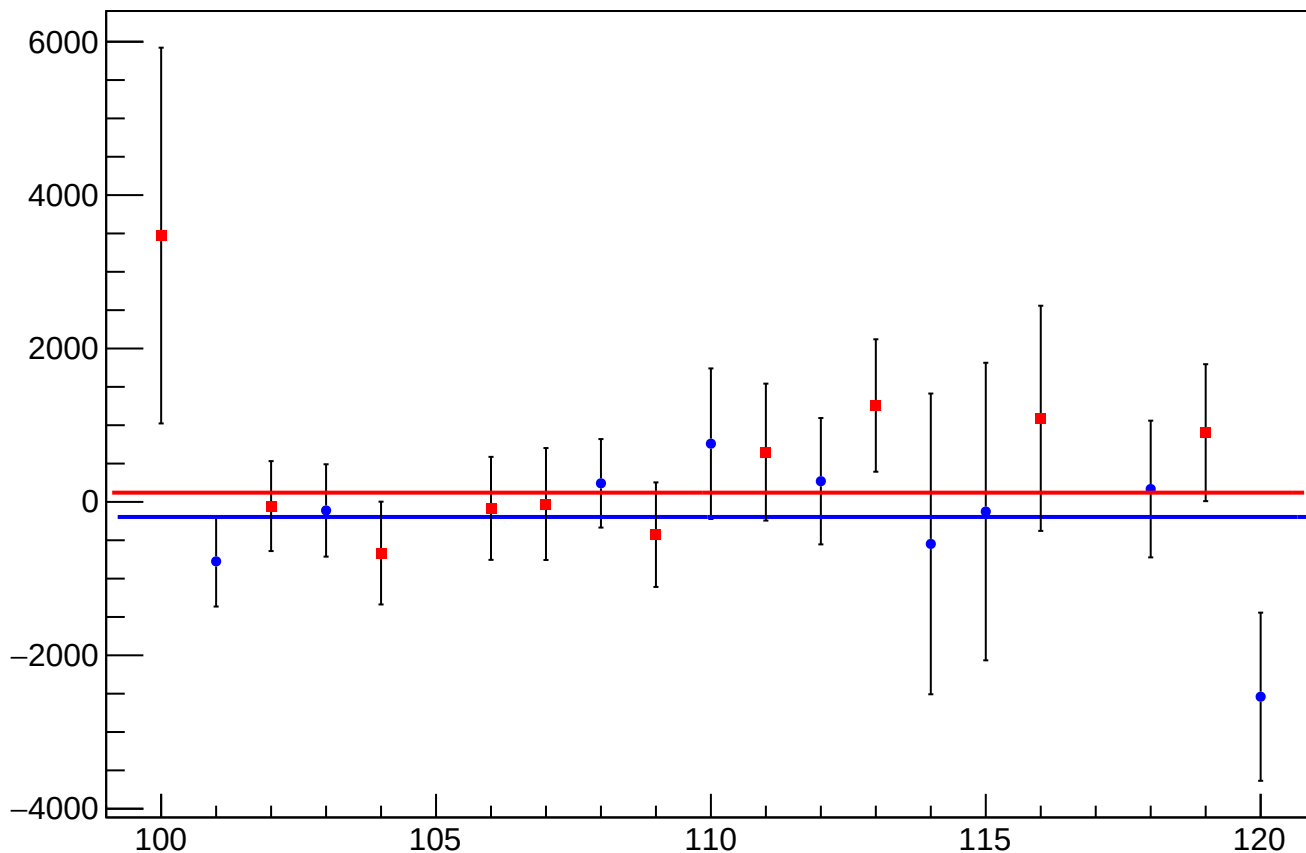
Right: 73.305+/-0.019 χ^2/NDF : 636417.8/18

In: 73.535+/-0.028 χ^2/NDF : 331743.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.305+/-0.019 χ^2/NDF : 636417.8/18

asym_sam_13_57_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -196.128+/-269.466 χ^2 /NDF: 7.6/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 120.846+/-251.040 χ^2 /NDF: 7.4/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

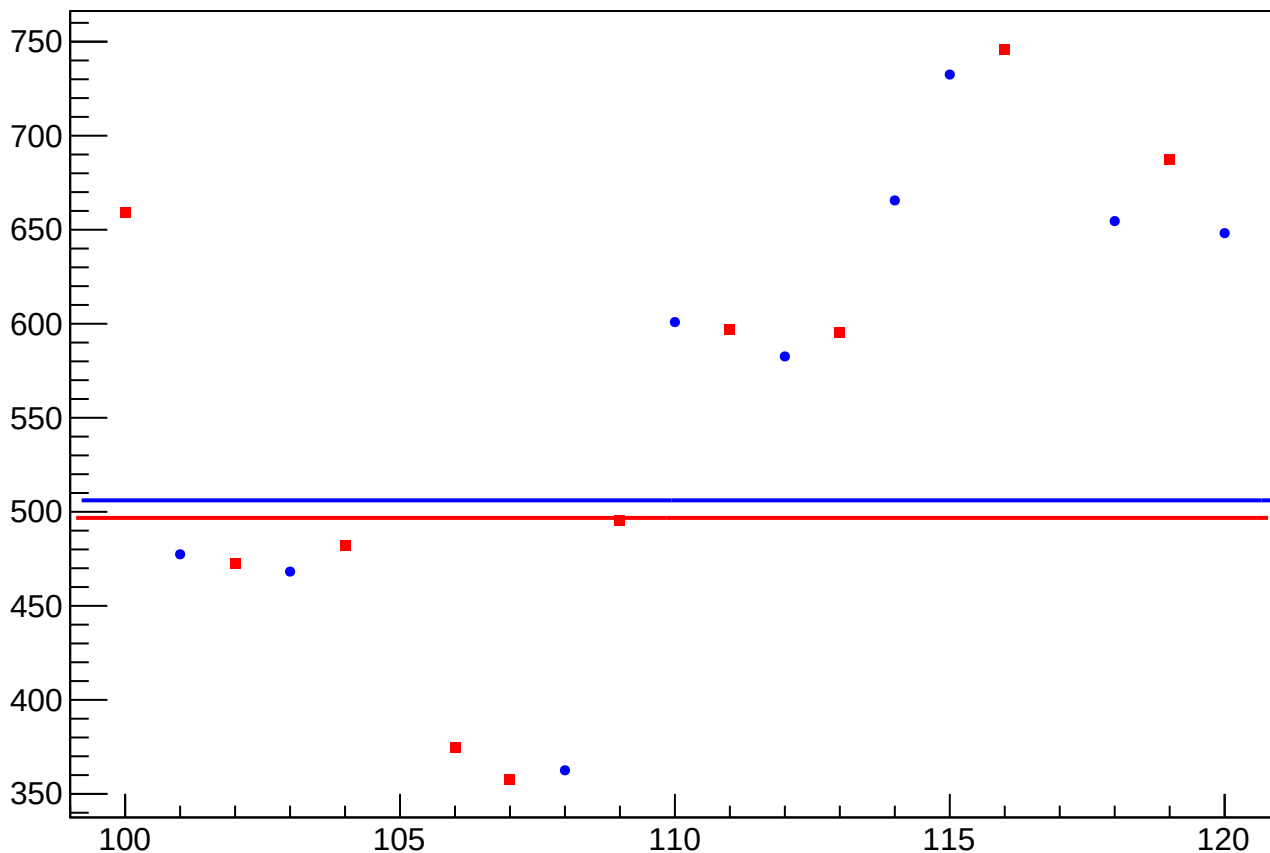
Right: -26.434+/-183.681 χ^2 /NDF: 15.8/18

In: -196.128+/-269.466 χ^2 /NDF:7.6/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -26.434+/-183.681 χ^2 /NDF: 15.8/18

asym_sam_13_57_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 506.093+/-0.191 χ^2/NDF : 301965.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 496.772+/-0.178 χ^2/NDF : 352251.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

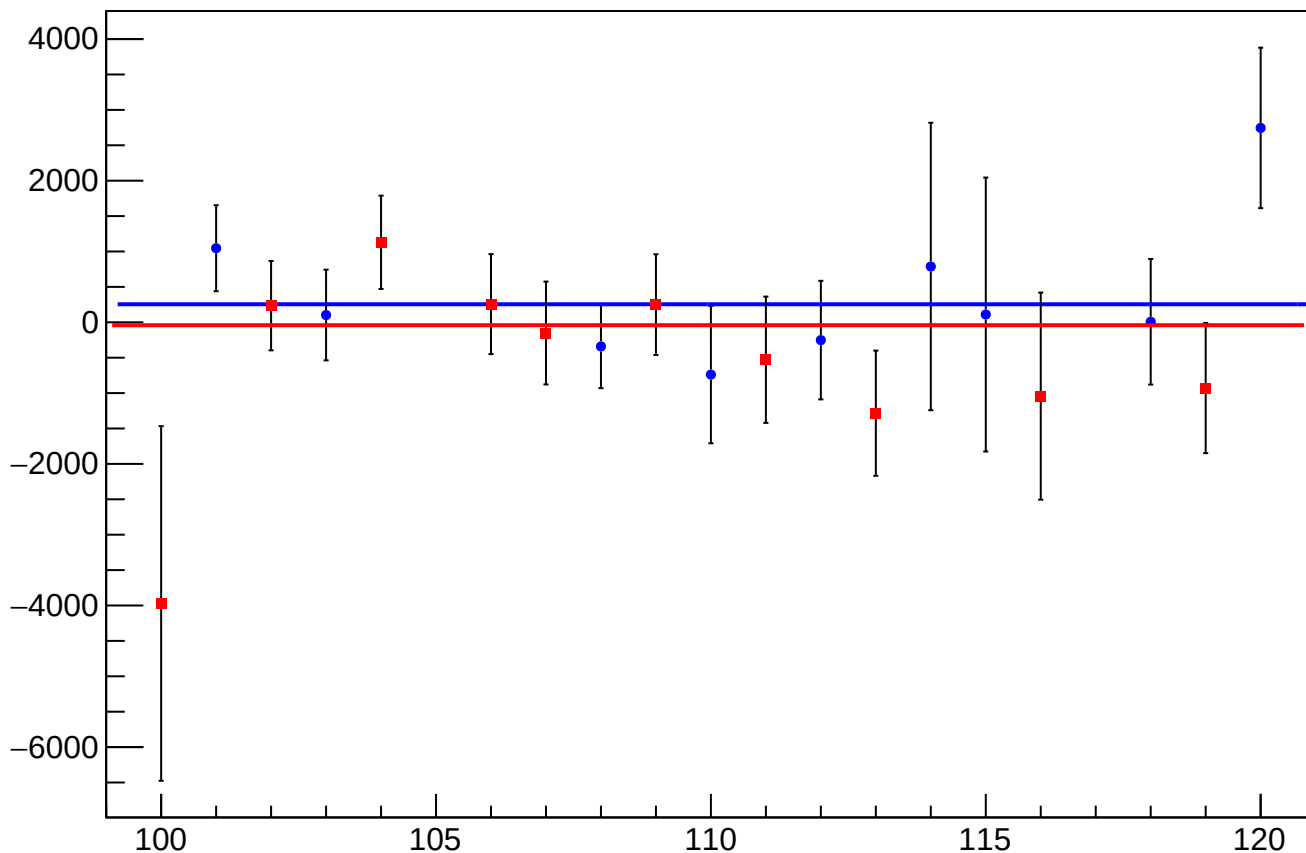
Right: 501.103+/-0.130 χ^2/NDF : 655497.9/18

In: 506.093+/-0.191 χ^2/NDF :301965.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 501.103+/-0.130 χ^2/NDF : 655497.9/18

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 254.609+/-276.525 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -41.067+/-257.856 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

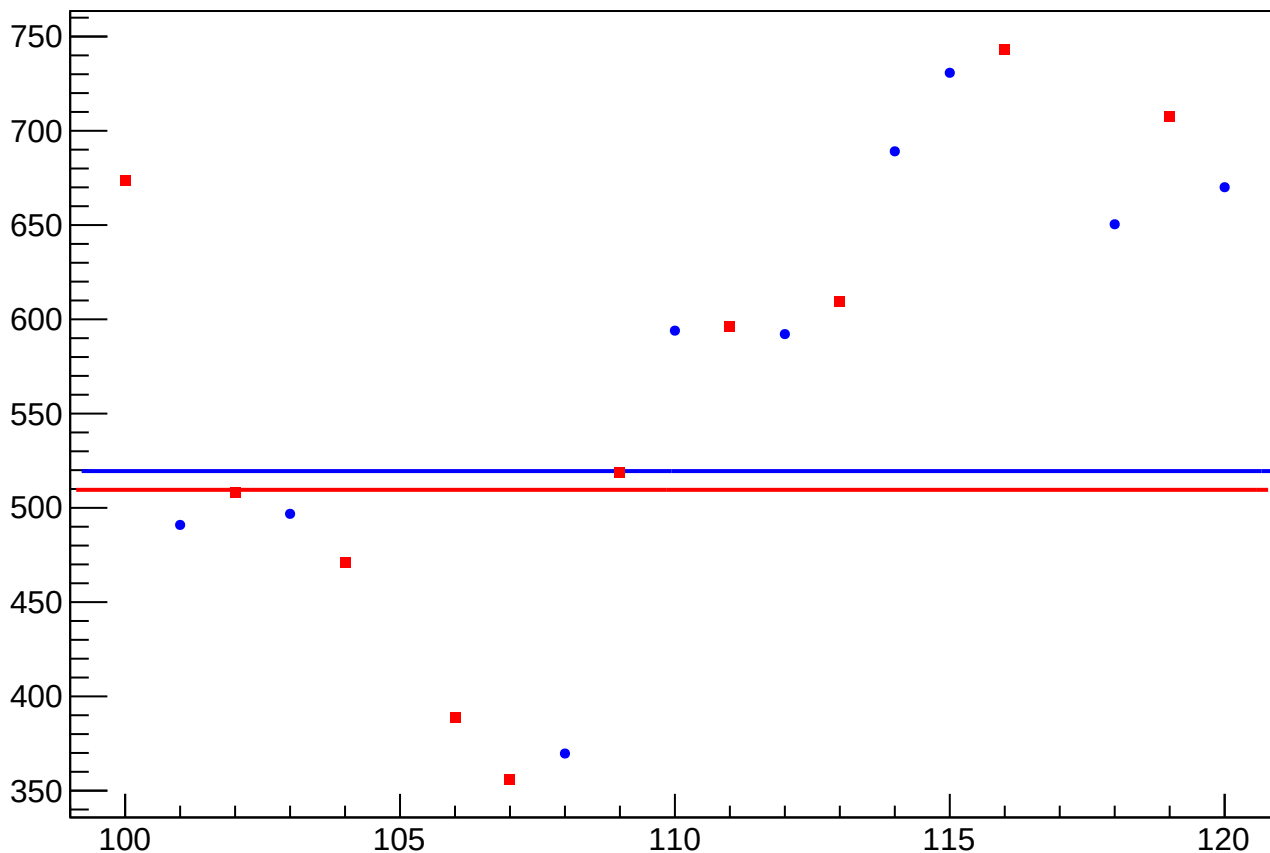
Right: 96.454+/-188.587 χ^2/NDF : 19.6/18

In: 254.609+/-276.525 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.454+/-188.587 χ^2/NDF : 19.6/18

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 519.509 $\pm$ 0.196 χ^2 /NDF: 279699.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 509.561 $\pm$ 0.182 χ^2 /NDF: 352224.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

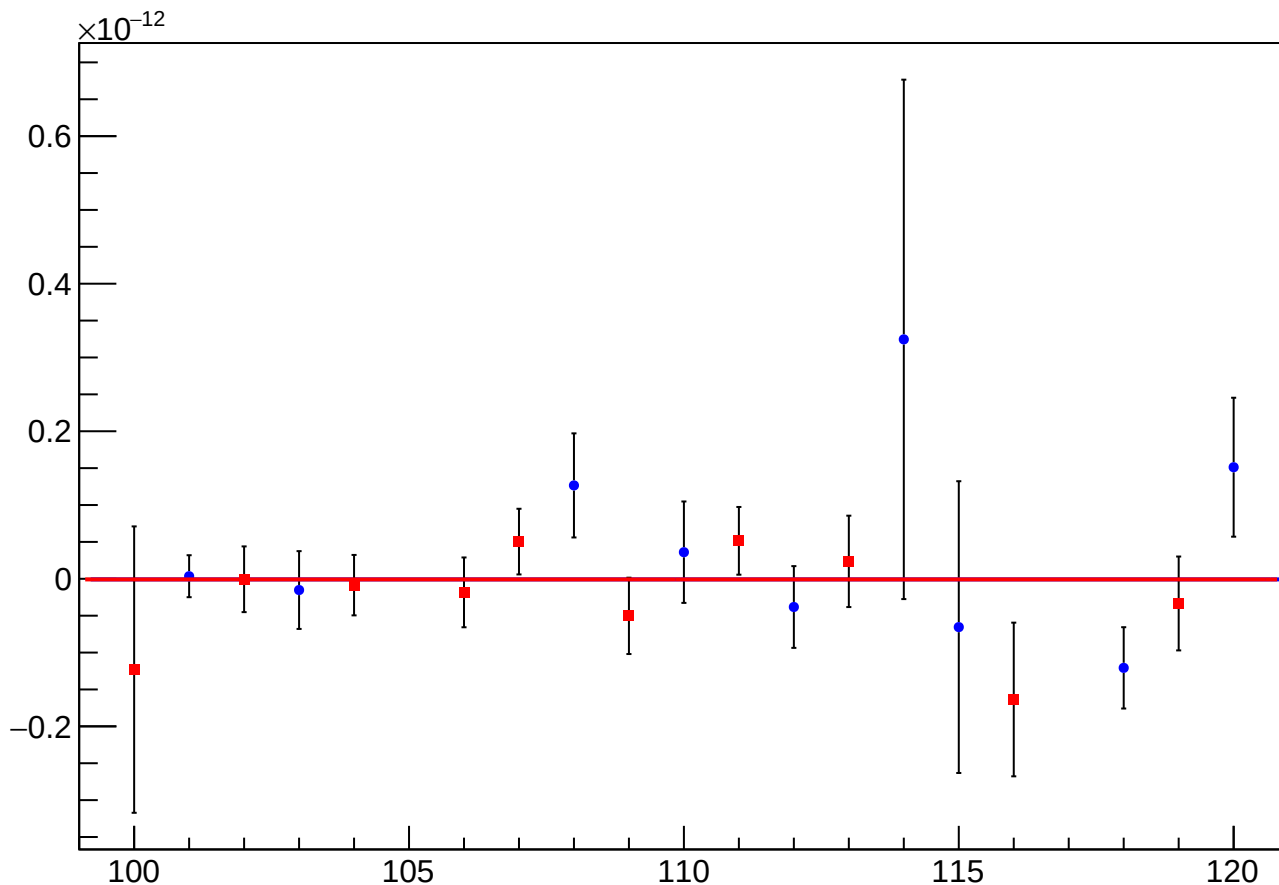
Right: 514.188 $\pm$ 0.133 χ^2 /NDF: 633308.4/18

In: 519.509 $\pm$ 0.196 χ^2 /NDF:279699.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 514.188 $\pm$ 0.133 χ^2 /NDF: 633308.4/18

asym_sam_13_57_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 12.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 7.0/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

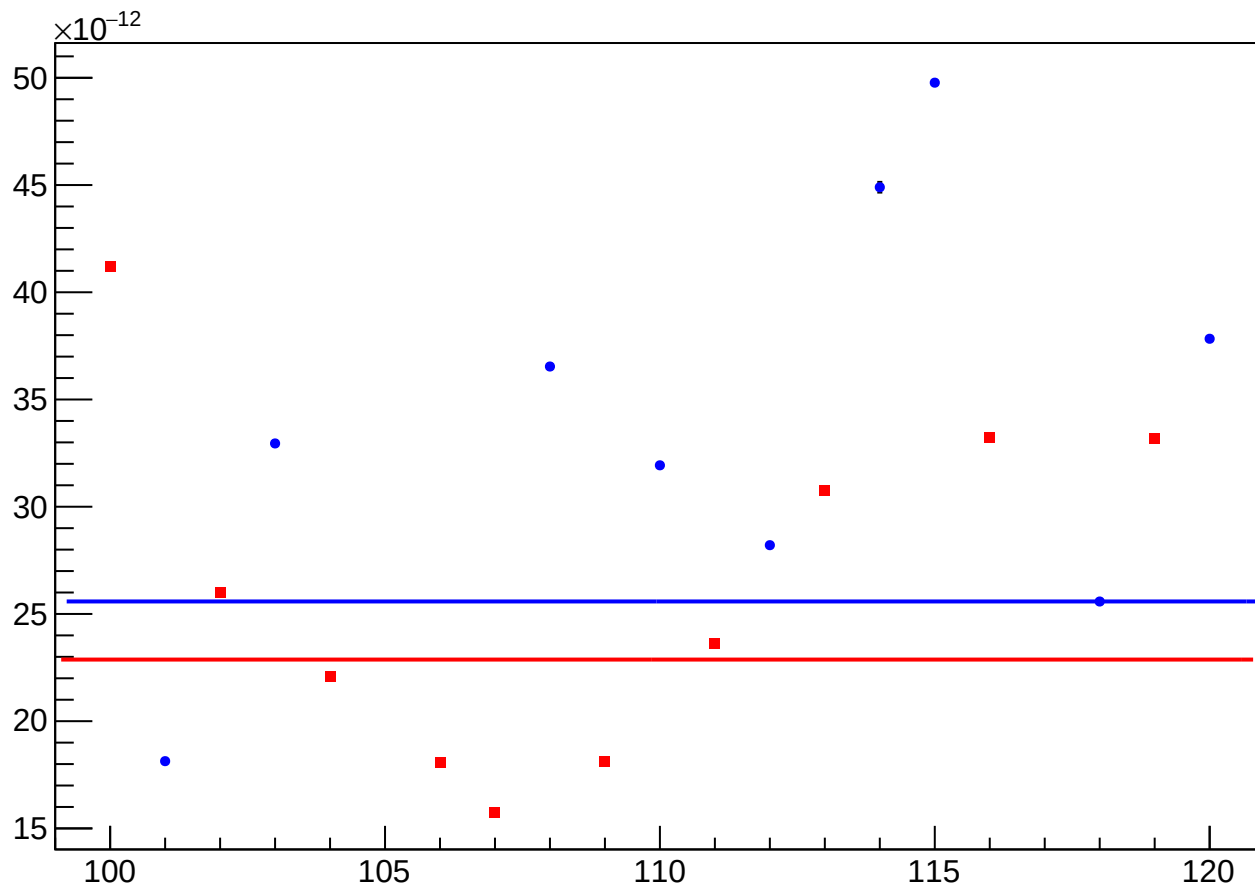
Right: -0.000+/-0.000 χ^2 /NDF: 19.4/18

In: -0.000+/-0.000 χ^2 /NDF:12.4/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 19.4/18

asym_sam_13_57_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 315720.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 222758.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

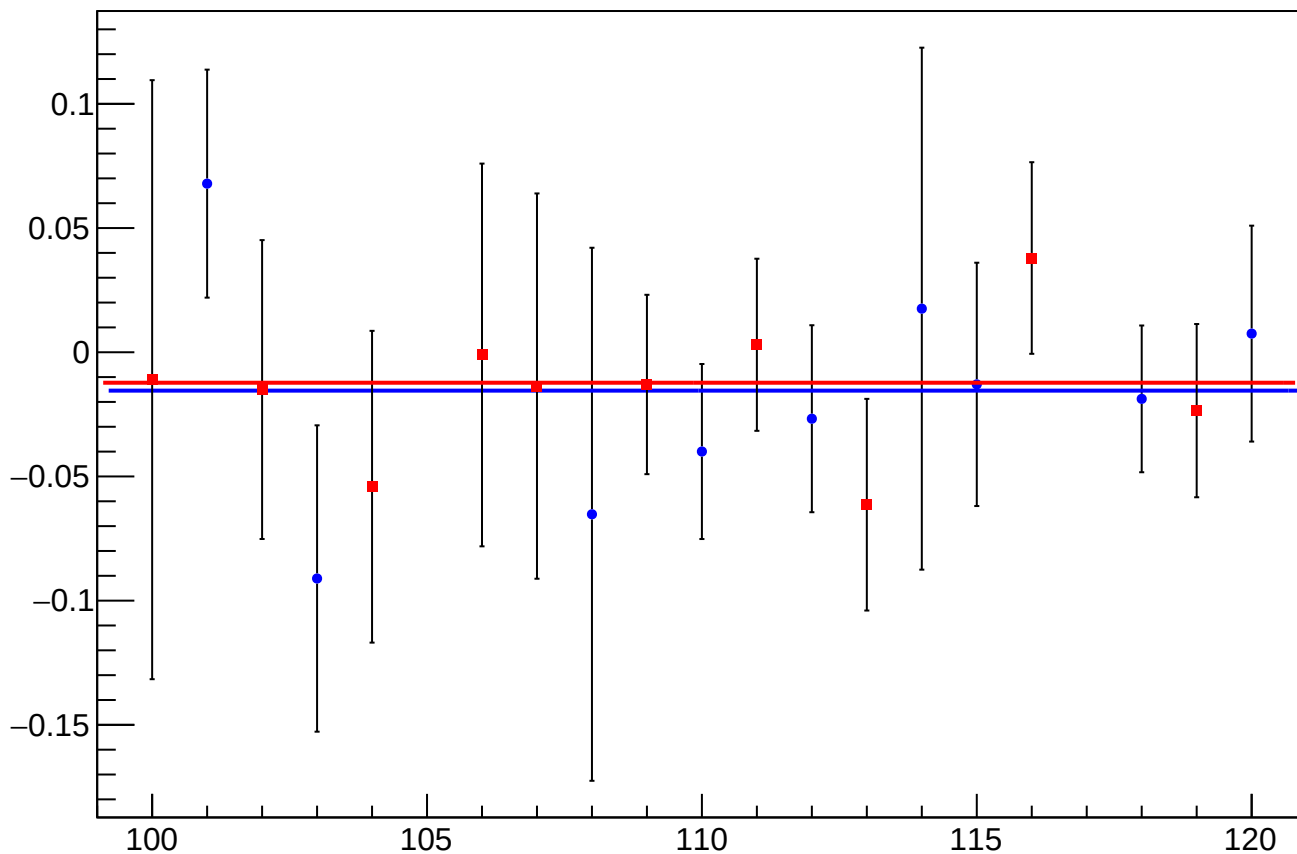
Right: 0.000+/-0.000 χ^2/NDF : 561451.7/18

In: 0.000+/-0.000 χ^2/NDF : 315720.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 561451.7/18

asym_sam_13_57_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.015 χ^2 /NDF: 6.0/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.012+/-0.015 χ^2 /NDF: 3.8/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

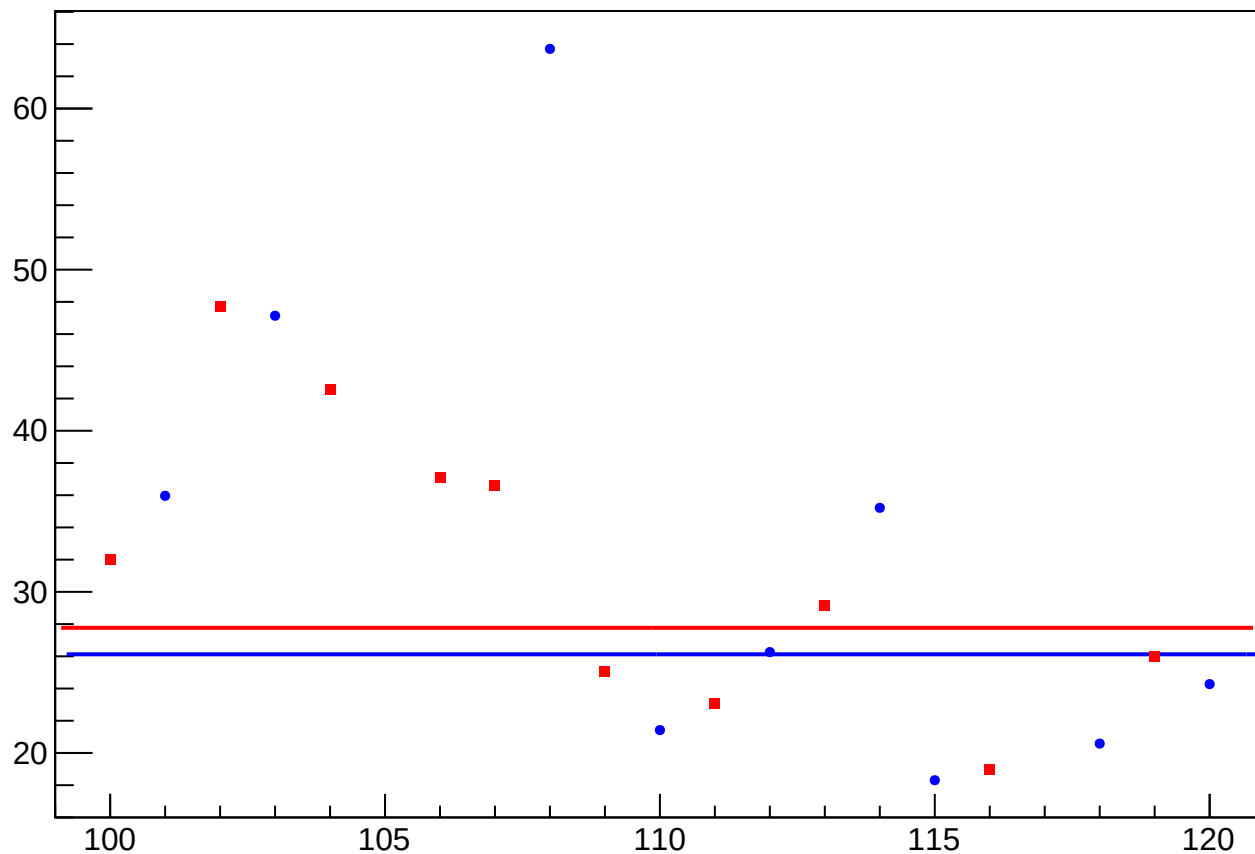
Right: -0.014+/-0.010 χ^2 /NDF: 9.8/18

In: -0.015+/-0.015 χ^2 /NDF:6.0/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.014+/-0.010 χ^2 /NDF: 9.8/18

asym_sam_13_57_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.124+/-0.011 χ^2/NDF : 745115.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.769+/-0.010 χ^2/NDF : 549073.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

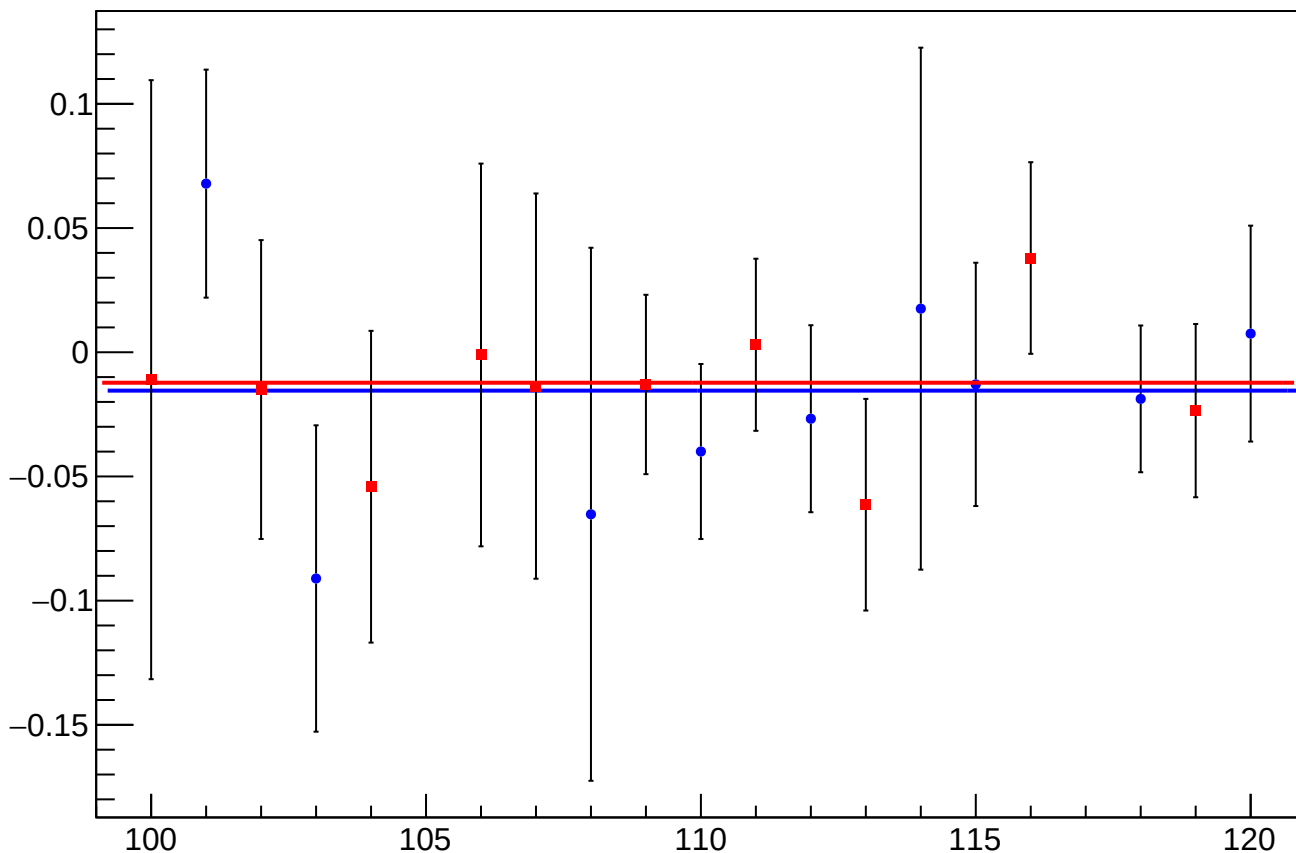
Right: 26.952+/-0.007 χ^2/NDF : 1306504.0/18

In: 26.124+/-0.011 χ^2/NDF : 745115.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.952+/-0.007 χ^2/NDF : 1306504.0/18

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.015 χ^2 /NDF: 6.0/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.012+/-0.015 χ^2 /NDF: 3.8/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

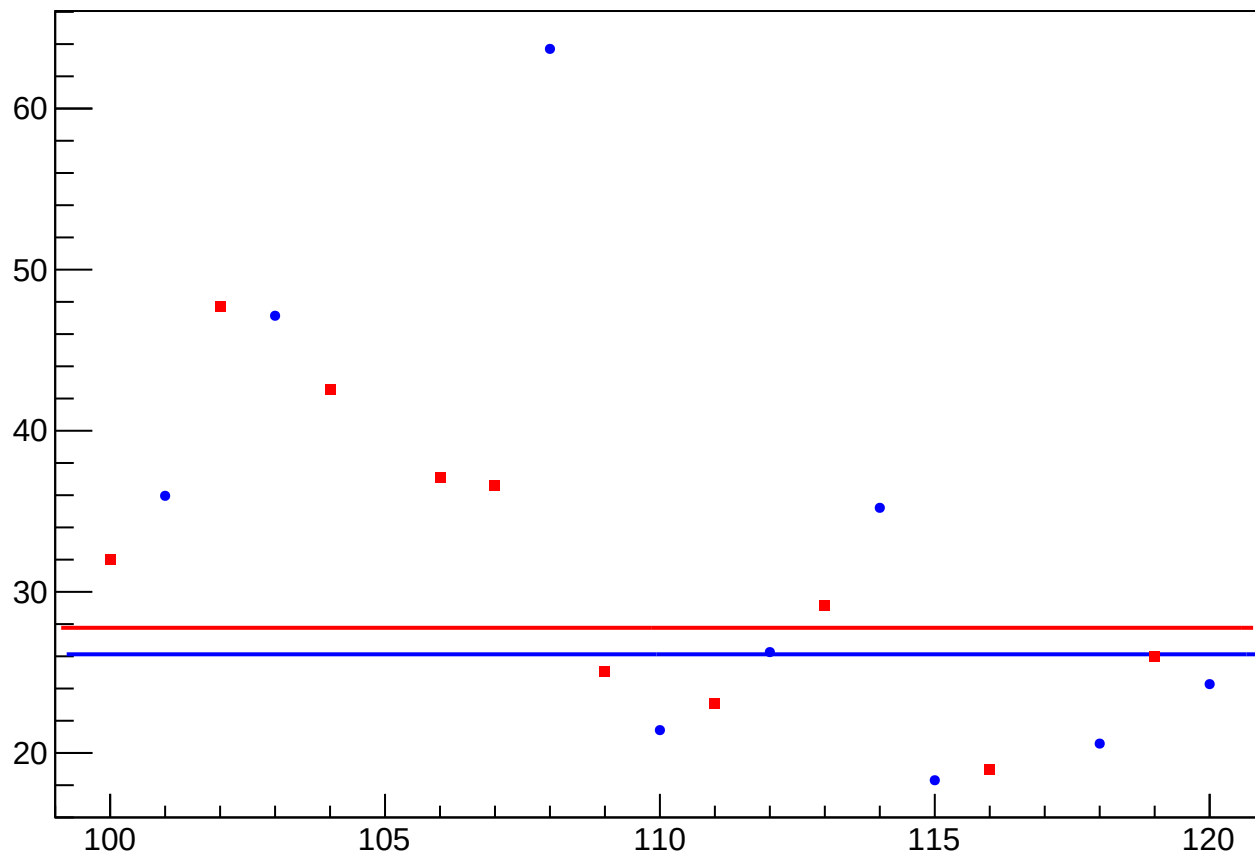
Right: -0.014+/-0.010 χ^2 /NDF: 9.8/18

In: -0.015+/-0.015 χ^2 /NDF:6.0/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.014+/-0.010 χ^2 /NDF: 9.8/18

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.124+/-0.011 χ^2/NDF : 745115.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.769+/-0.010 χ^2/NDF : 549073.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

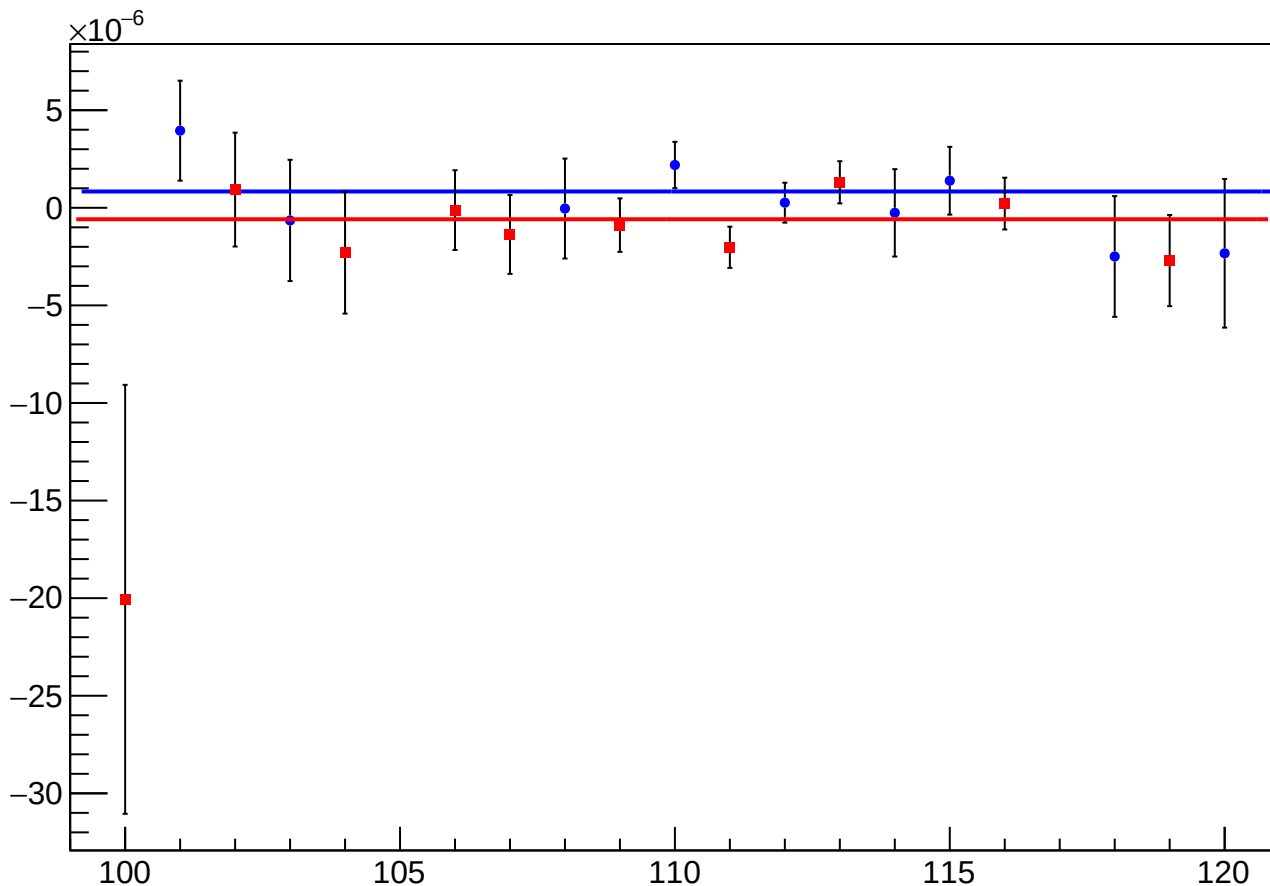
Right: 26.952+/-0.007 χ^2/NDF : 1306504.0/18

In: 26.124+/-0.011 χ^2/NDF : 745115.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.952+/-0.007 χ^2/NDF : 1306504.0/18

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

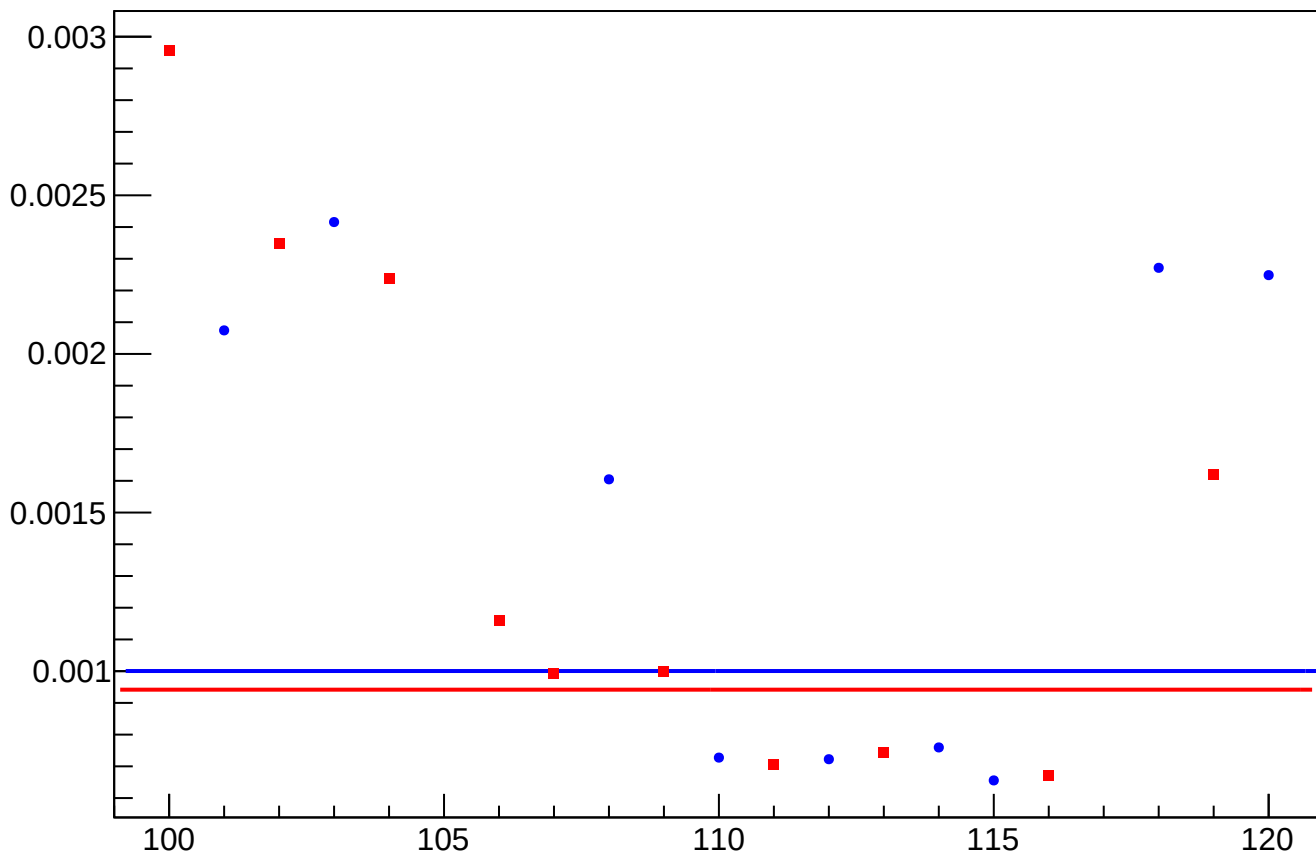
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.9/18

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.9/18

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1786499.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1324977.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

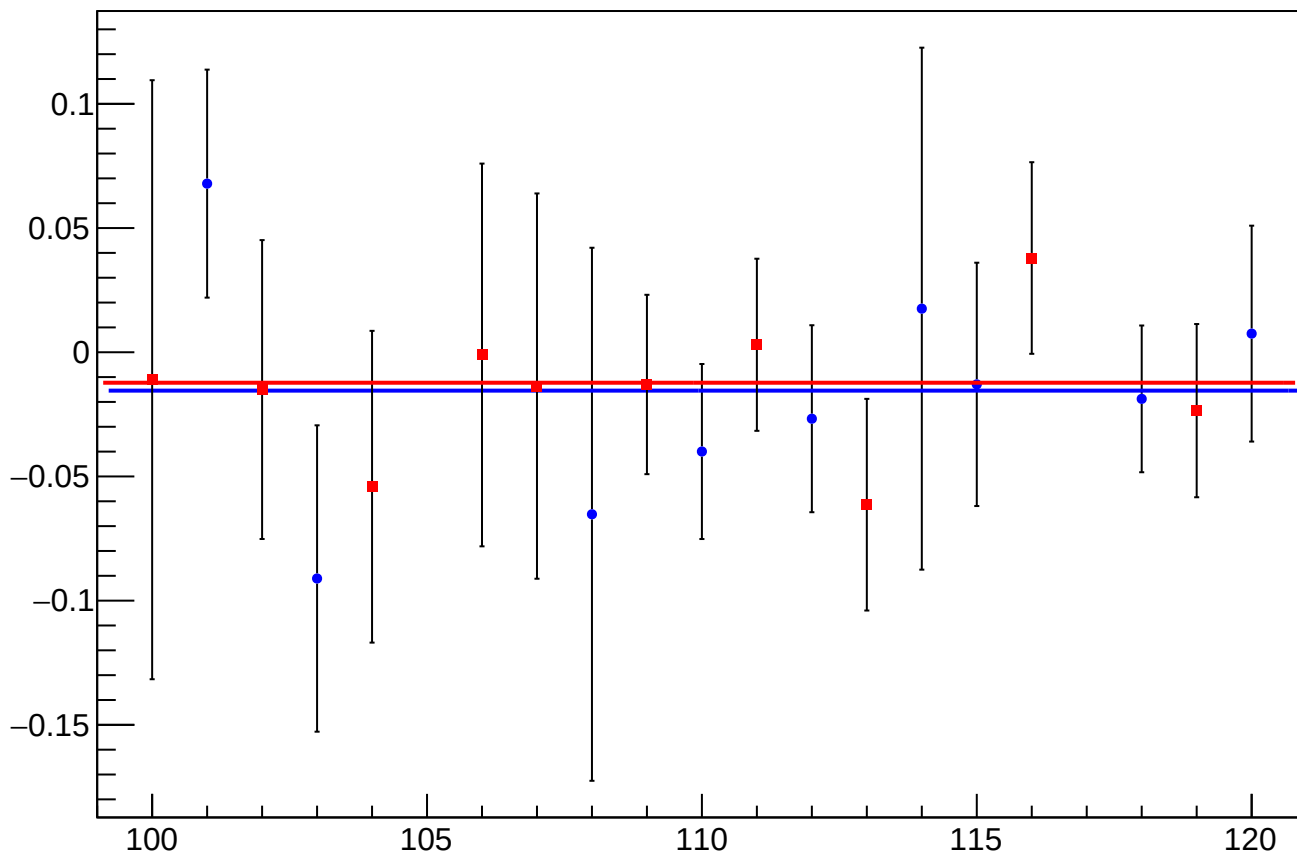
Right: 0.001+/-0.000 χ^2/NDF : 3122511.9/18

In: 0.001+/-0.000 χ^2/NDF :1786499.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3122511.9/18

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.015 χ^2 /NDF: 6.0/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.012+/-0.015 χ^2 /NDF: 3.8/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

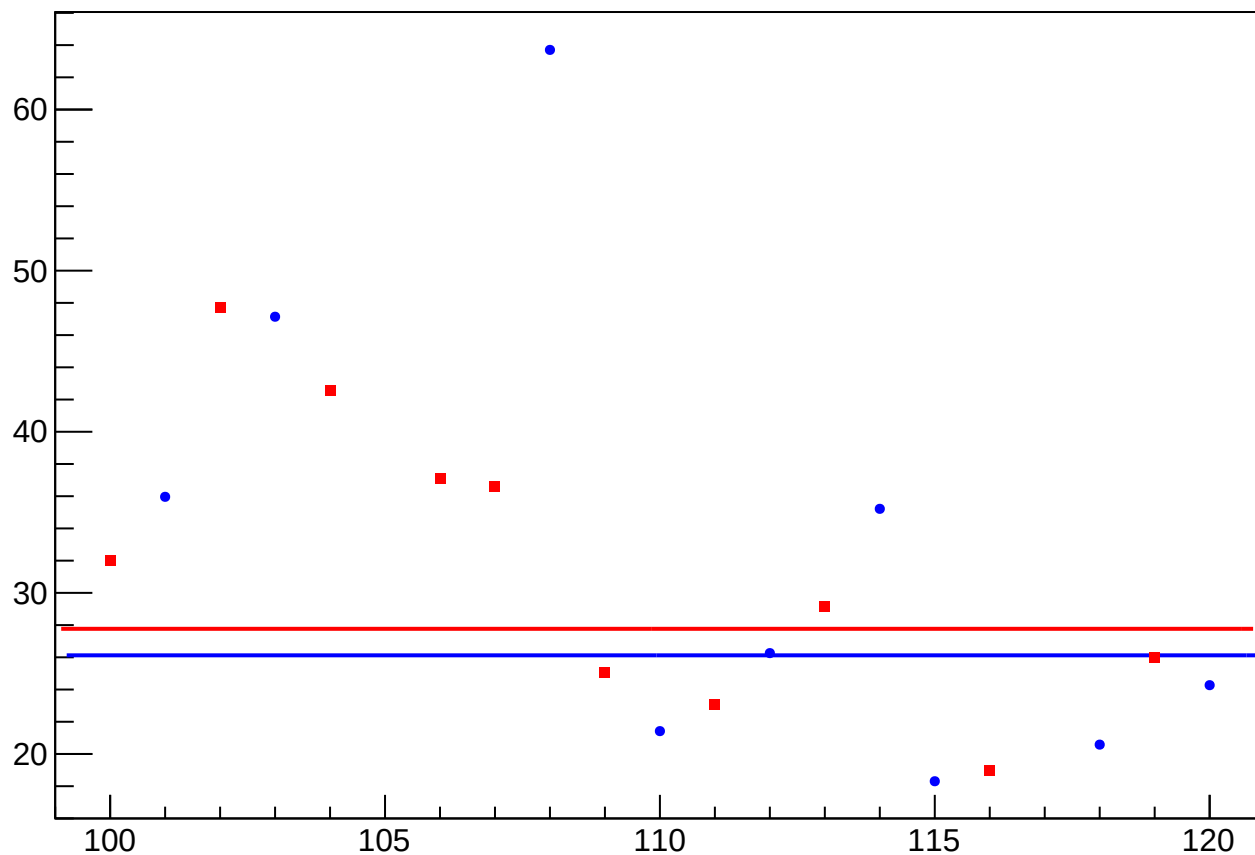
Right: -0.014+/-0.010 χ^2 /NDF: 9.8/18

In: -0.015+/-0.015 χ^2 /NDF:6.0/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.014+/-0.010 χ^2 /NDF: 9.8/18

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.123+/-0.011 χ^2/NDF : 745184.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 27.769+/-0.010 χ^2/NDF : 549091.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

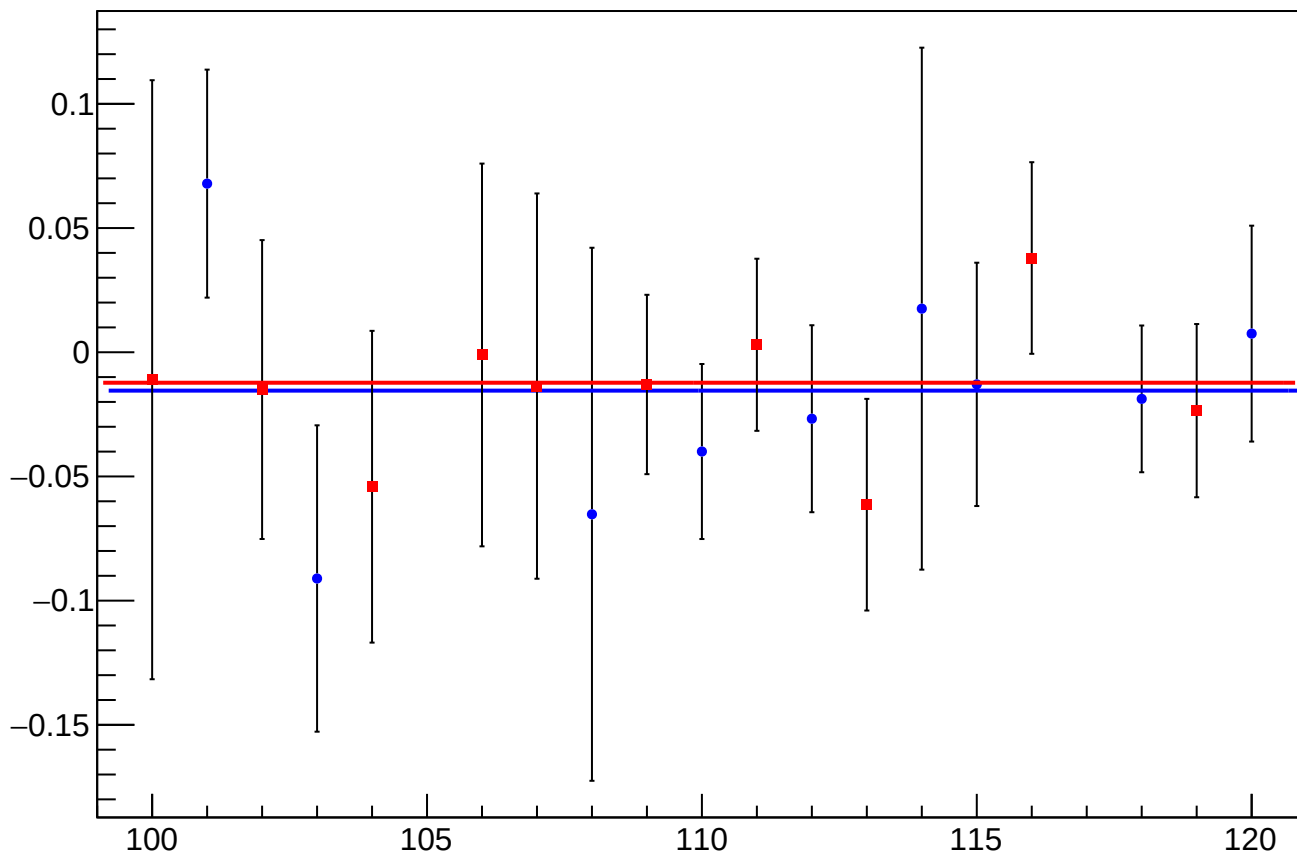
Right: 26.952+/-0.007 χ^2/NDF : 1306596.4/18

In: 26.123+/-0.011 χ^2/NDF :745184.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 26.952+/-0.007 χ^2/NDF : 1306596.4/18

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.015 χ^2/NDF : 6.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.012+/-0.015 χ^2/NDF : 3.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

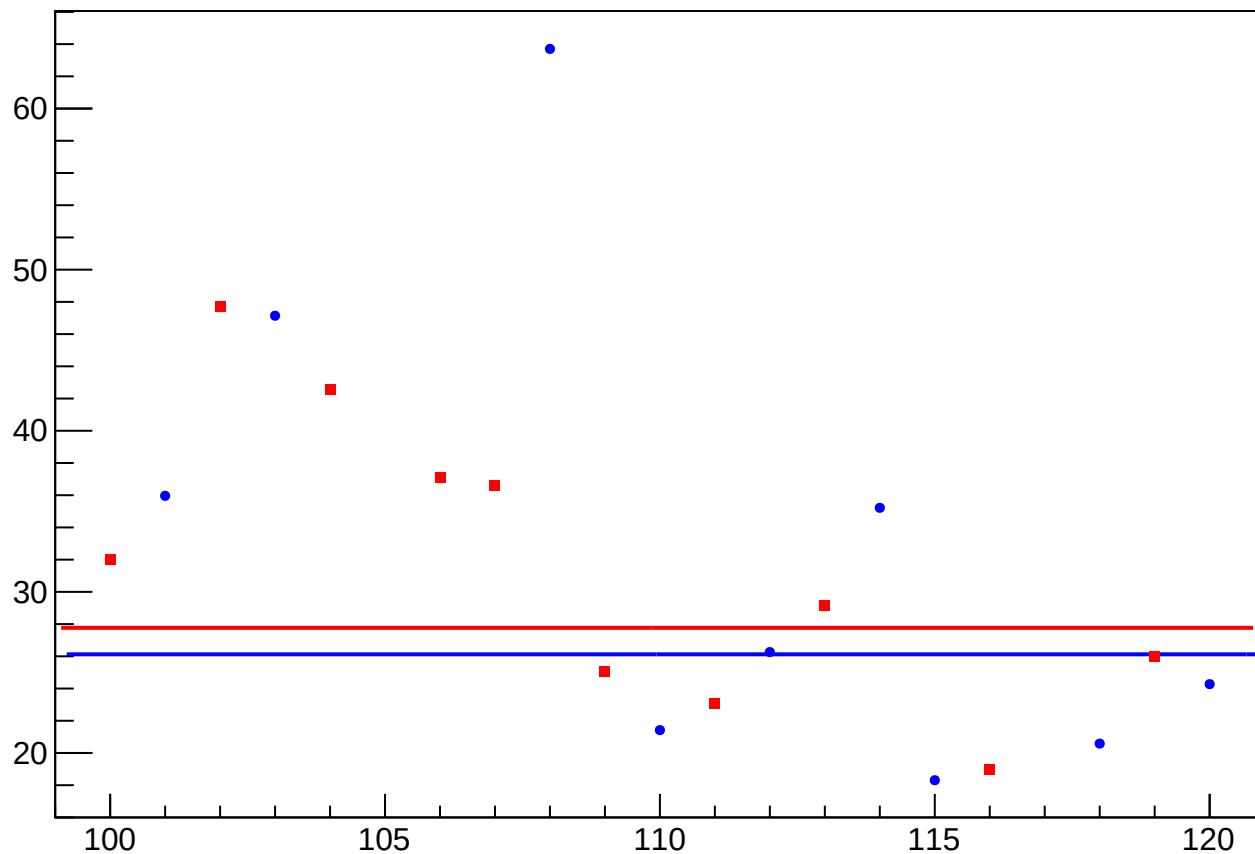
Right: -0.014+/-0.010 χ^2/NDF : 9.8/18

In: -0.015+/-0.015 χ^2/NDF :6.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.014+/-0.010 χ^2/NDF : 9.8/18

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.123+/-0.011 χ^2/NDF : 745184.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.769+/-0.010 χ^2/NDF : 549091.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

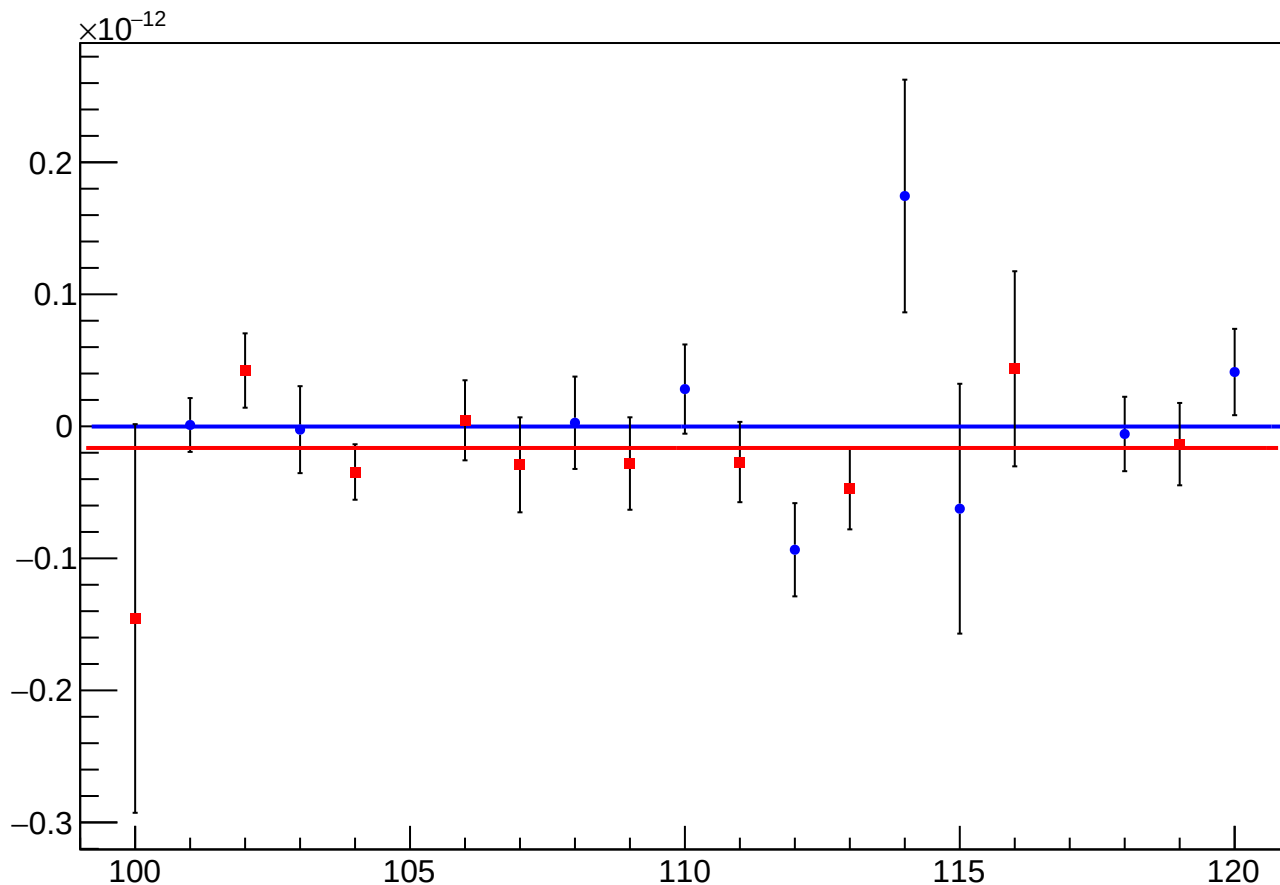
Right: 26.952+/-0.007 χ^2/NDF : 1306596.4/18

In: 26.123+/-0.011 χ^2/NDF : 745184.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.952+/-0.007 χ^2/NDF : 1306596.4/18

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

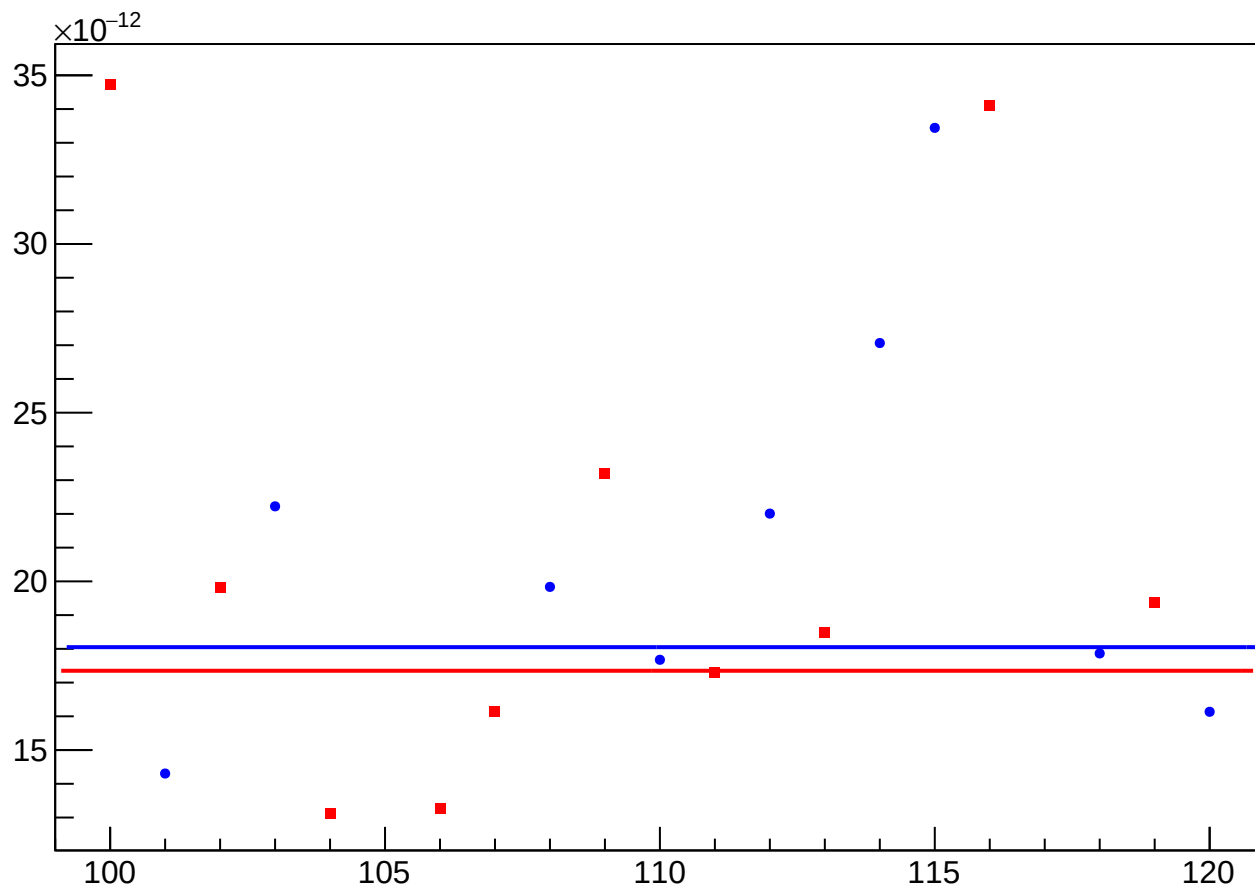
Right: -0.000+/-0.000 χ^2/NDF : 23.2/18

In: -0.000+/-0.000 χ^2/NDF :13.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.2/18

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 211050.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 332159.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

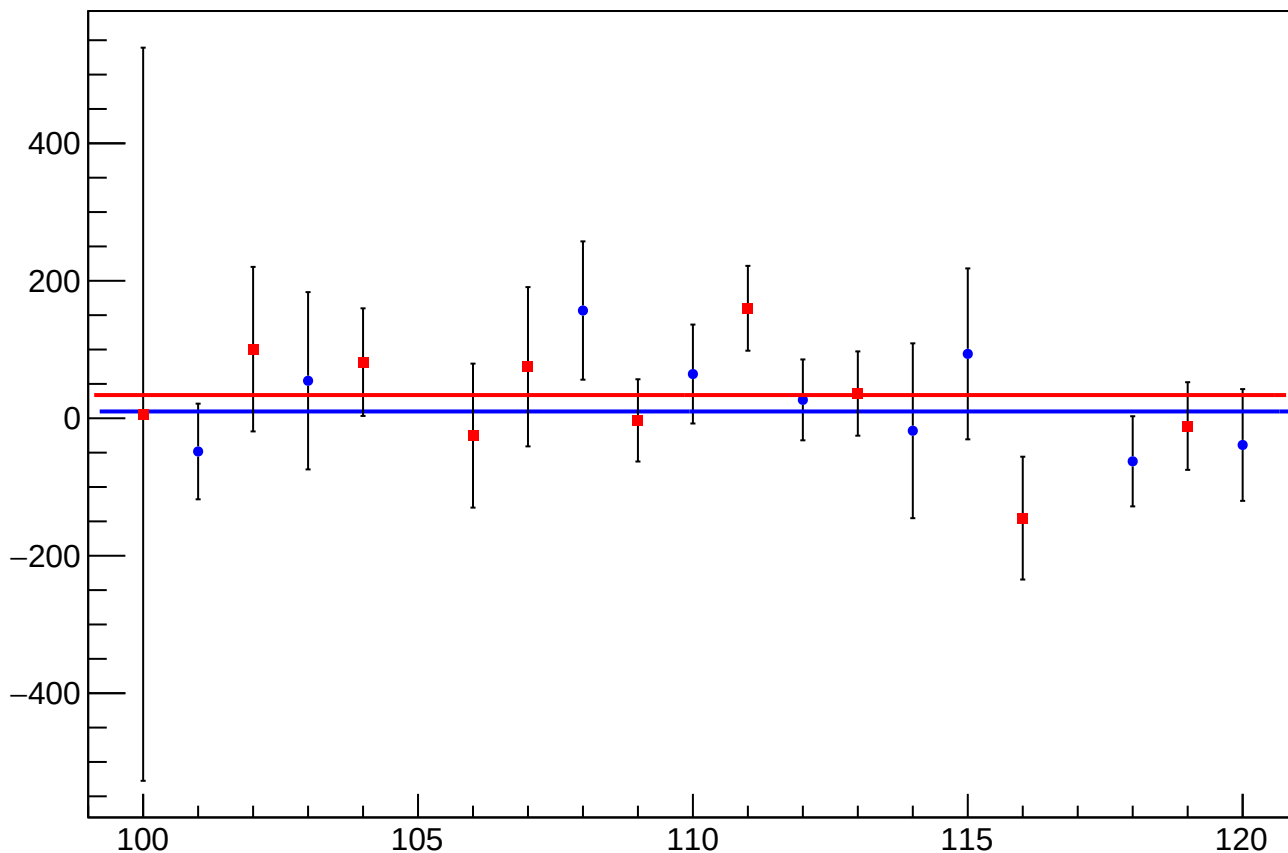
Right: 0.000+/-0.000 χ^2/NDF : 547555.3/18

In: 0.000+/-0.000 χ^2/NDF : 211050.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 547555.3/18

reg_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 9.905+/-27.138 χ^2/NDF : 5.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.771+/-25.149 χ^2/NDF : 10.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

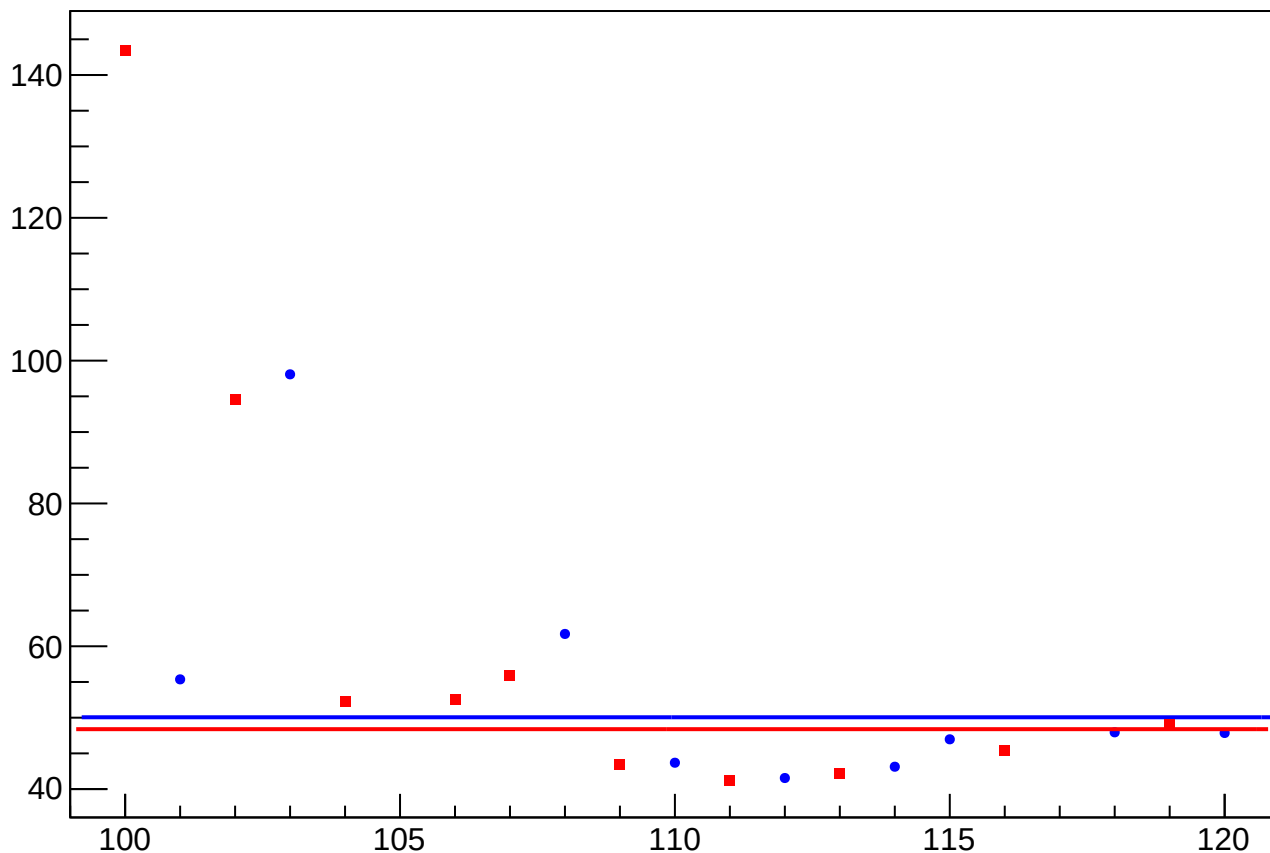
Right: 22.745+/-18.446 χ^2/NDF : 16.3/18

In: 9.905+/-27.138 χ^2/NDF : 5.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.745+/-18.446 χ^2/NDF : 16.3/18

reg_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 50.057+/-0.019 χ^2/NDF : 384074.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.391+/-0.018 χ^2/NDF : 440673.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

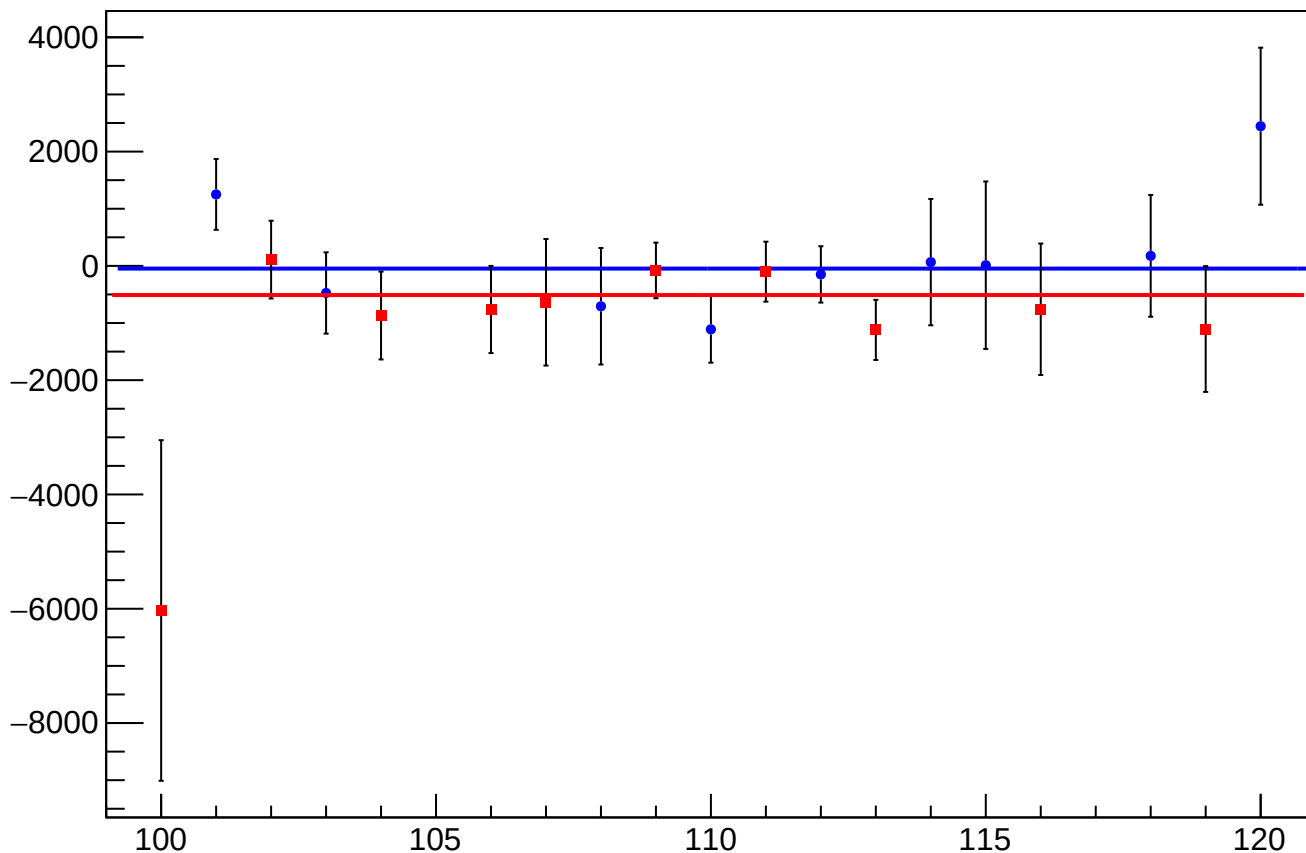
Right: 49.161+/-0.013 χ^2/NDF : 828803.1/18

In: 50.057+/-0.019 χ^2/NDF : 384074.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.161+/-0.013 χ^2/NDF : 828803.1/18

asym_sam_15_37_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -47.516+/-255.837 χ^2/NDF : 11.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -510.670+/-226.110 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

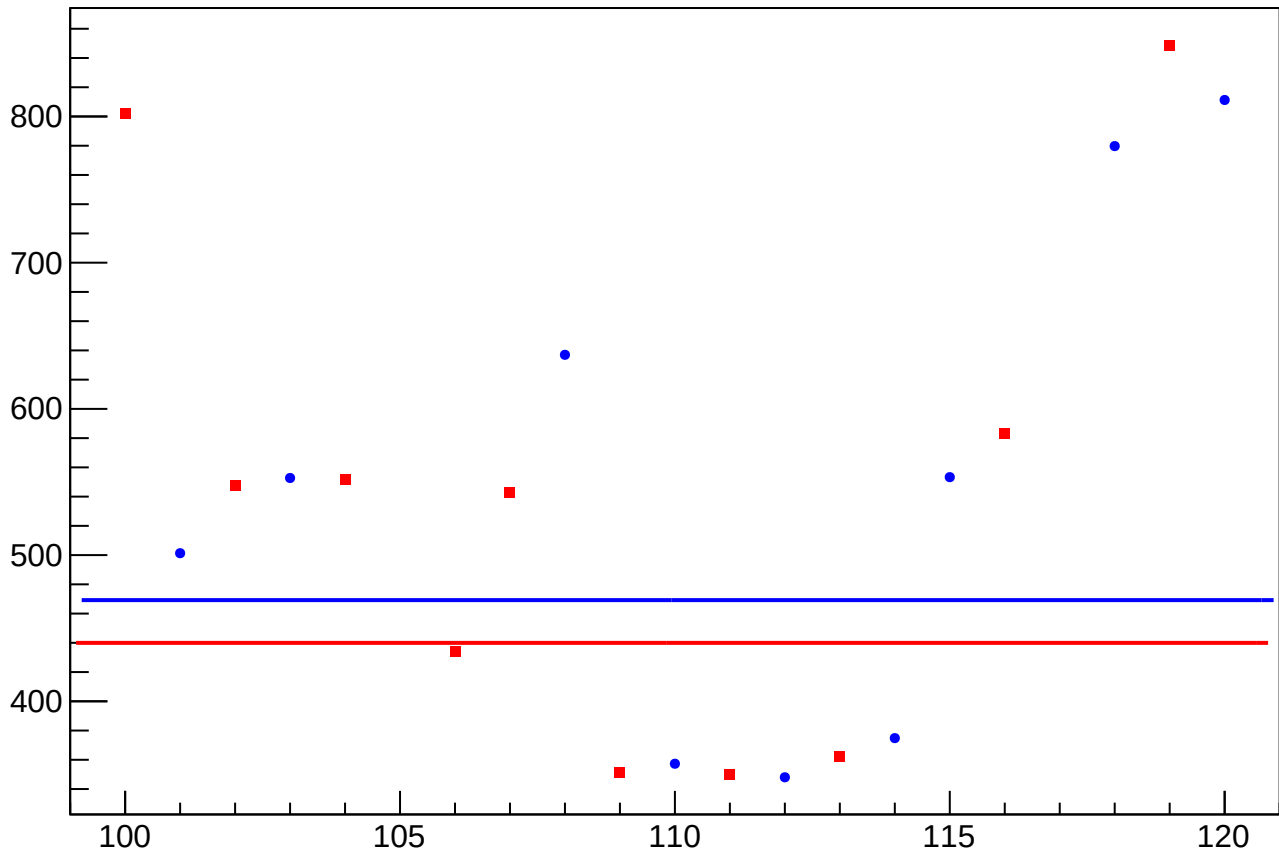
Right: -307.553+/-169.424 χ^2/NDF : 21.4/18

In: -47.516+/-255.837 χ^2/NDF : 11.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -307.553+/-169.424 χ^2/NDF : 21.4/18

asym_sam_15_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 469.201+/-0.181 χ^2/NDF : 596426.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 439.960+/-0.160 χ^2/NDF : 614296.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

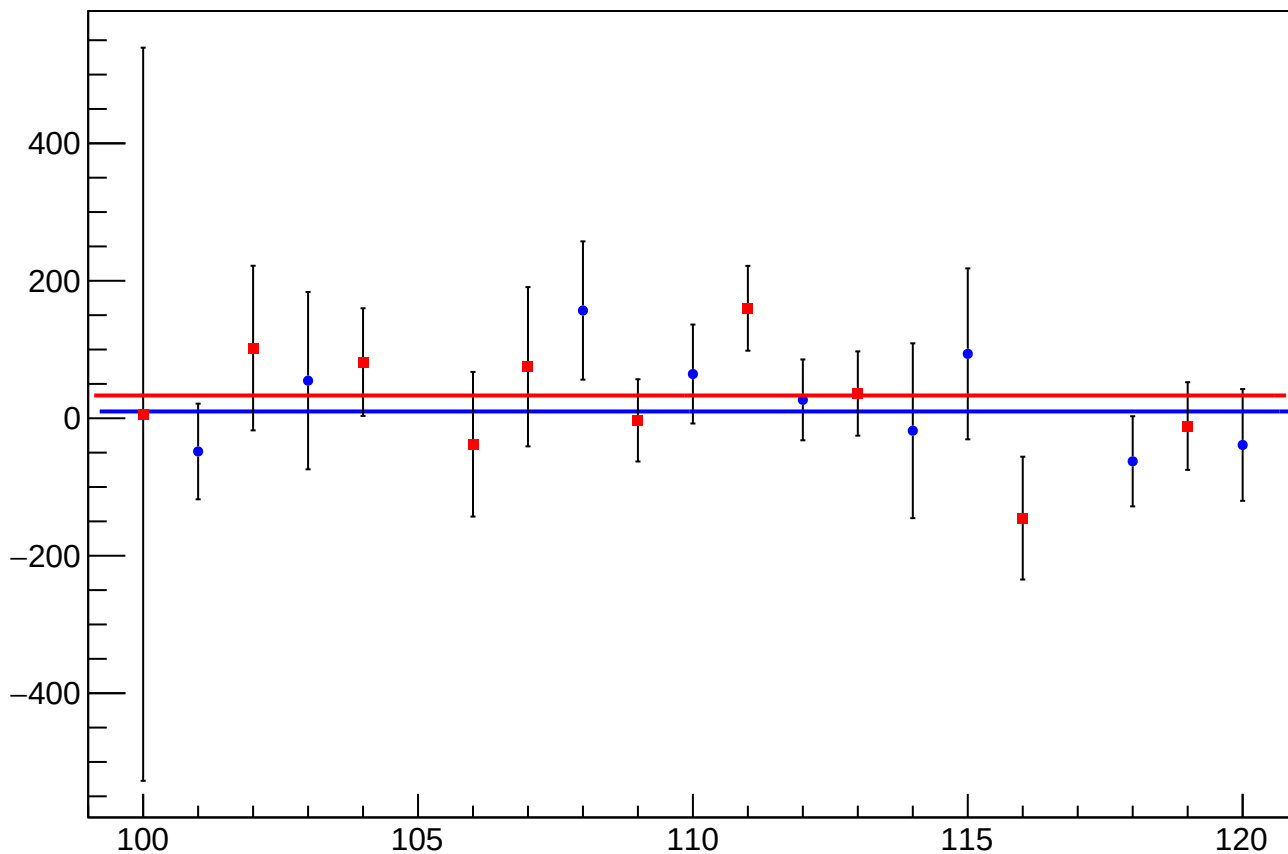
Right: 452.784+/-0.120 χ^2/NDF : 1225391.0/18

In: 469.201+/-0.181 χ^2/NDF : 596426.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 452.784+/-0.120 χ^2/NDF : 1225391.0/18

cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 9.917+/-27.138 χ^2/NDF : 5.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.155+/-25.156 χ^2/NDF : 10.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

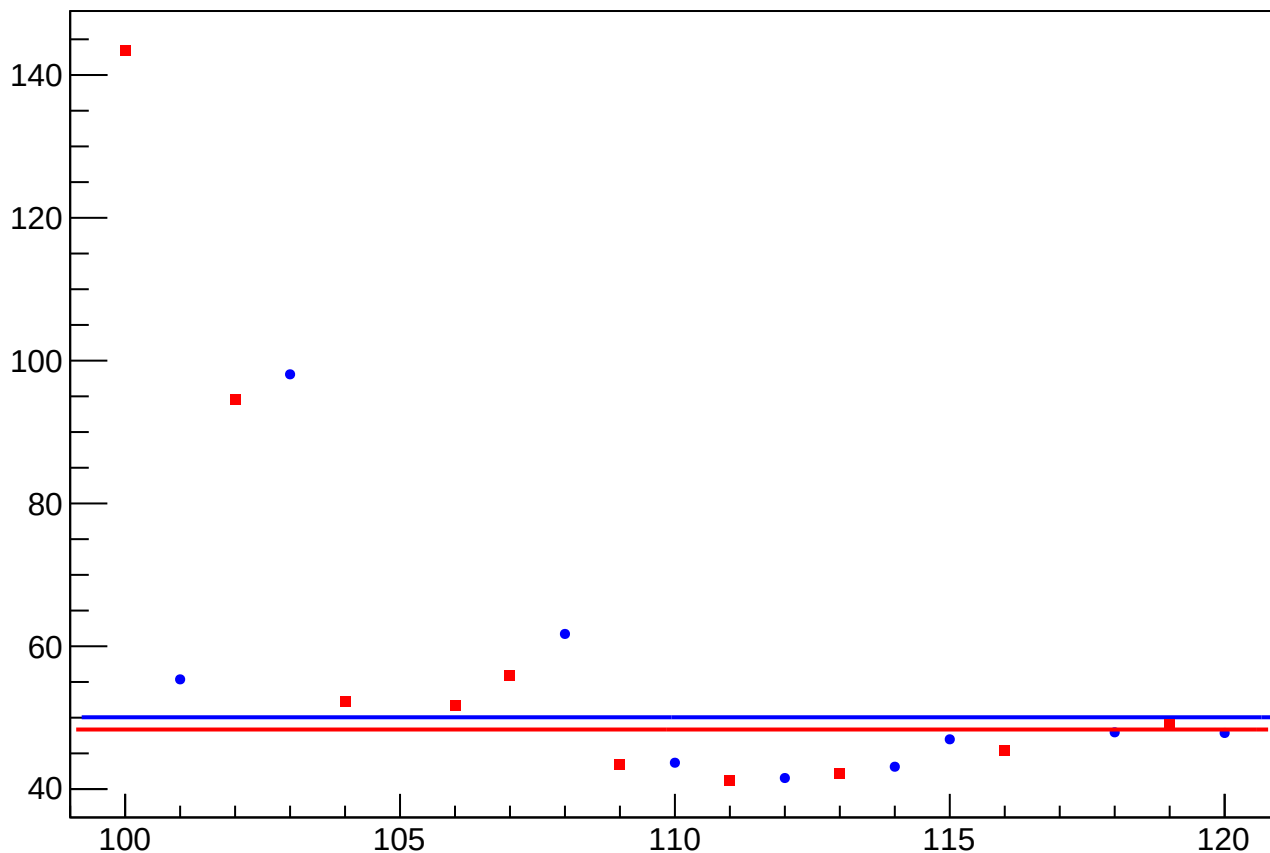
Right: 22.415+/-18.449 χ^2/NDF : 16.5/18

In: 9.917+/-27.138 χ^2/NDF : 5.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.415+/-18.449 χ^2/NDF : 16.5/18

cor_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 50.057+/-0.019 χ^2/NDF : 384077.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.342+/-0.018 χ^2/NDF : 439779.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

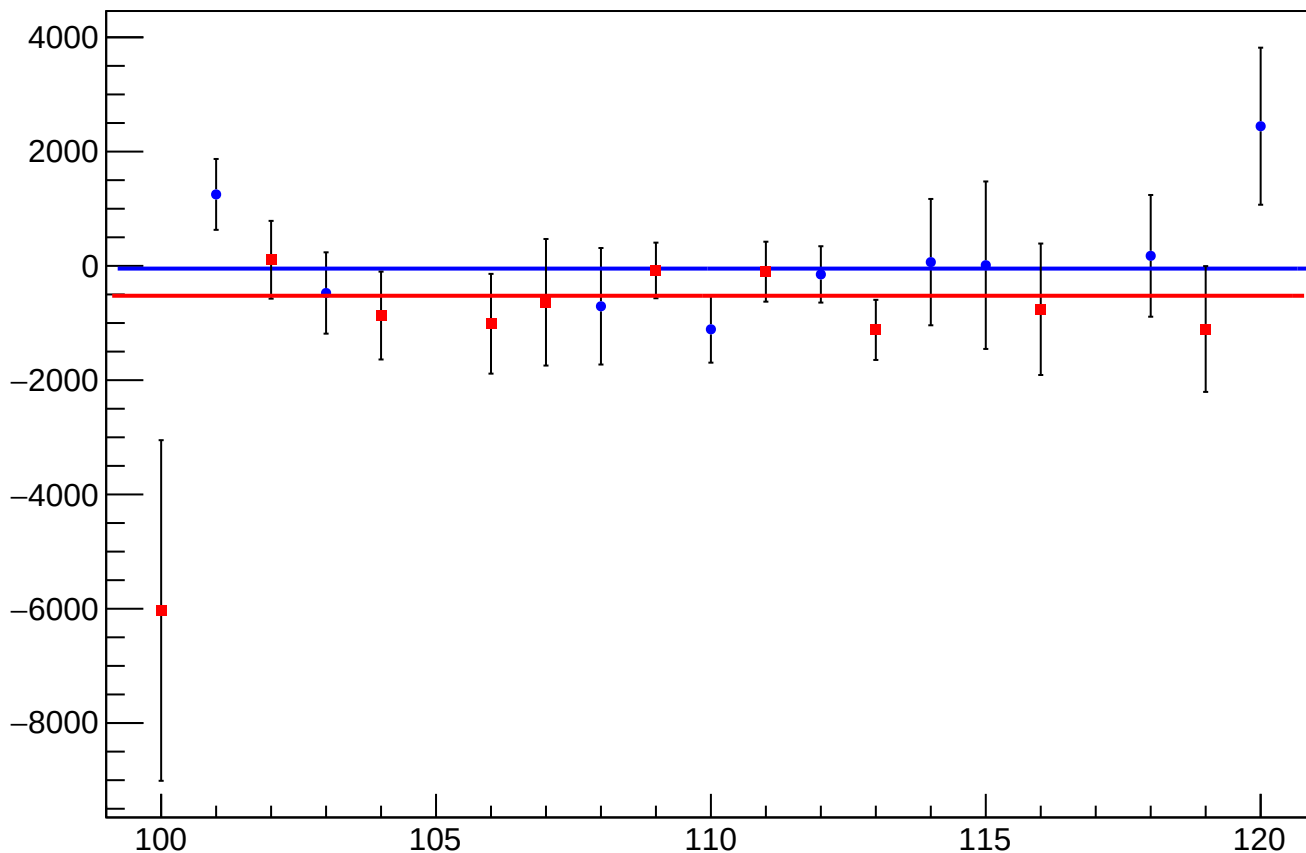
Right: 49.135+/-0.013 χ^2/NDF : 828152.4/18

In: 50.057+/-0.019 χ^2/NDF : 384077.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.135+/-0.013 χ^2/NDF : 828152.4/18

asym_sam_15_37_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -47.513+/-255.840 χ^2/NDF : 11.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -522.845+/-228.516 χ^2/NDF : 7.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

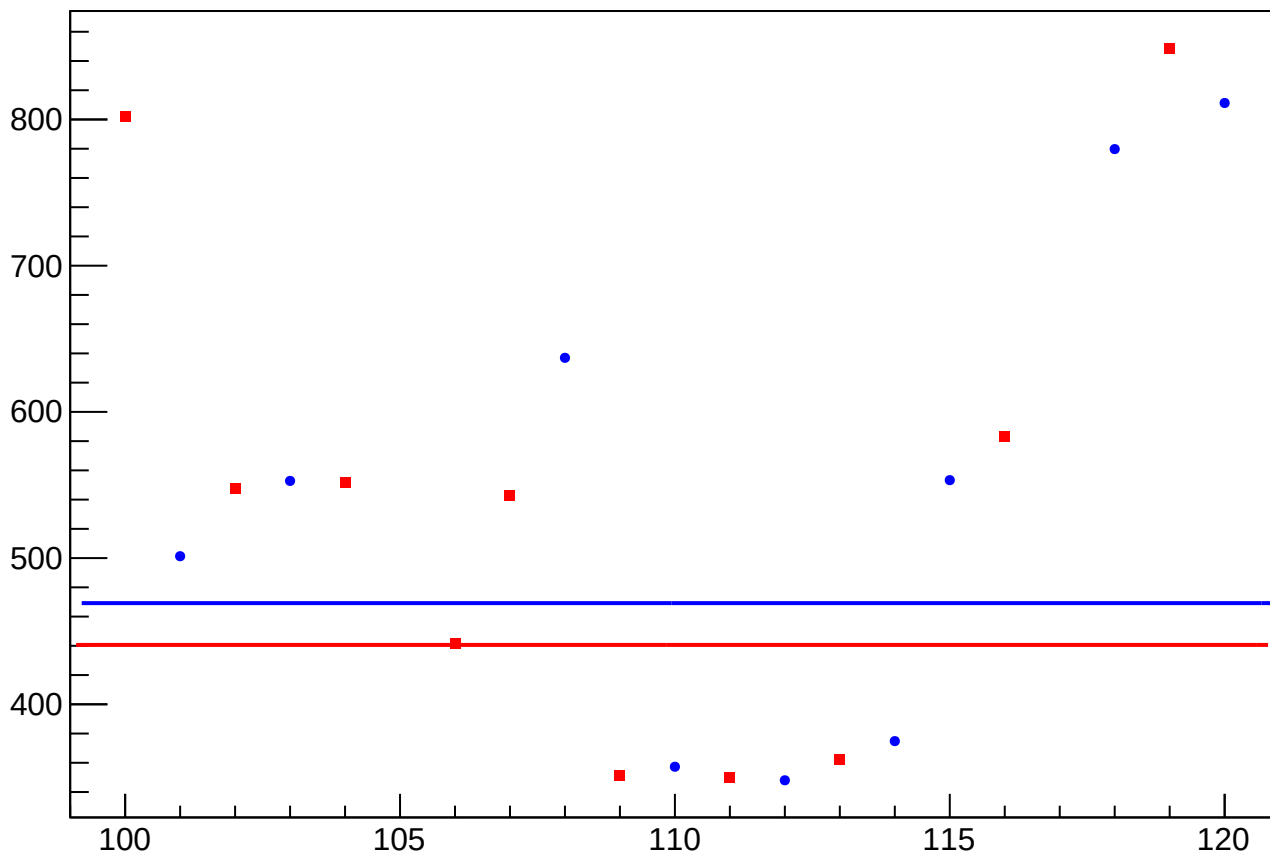
Right: -311.909+/-170.430 χ^2/NDF : 21.7/18

In: -47.513+/-255.840 χ^2/NDF : 11.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -311.909+/-170.430 χ^2/NDF : 21.7/18

asym_sam_15_37_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 469.205+/-0.181 χ^2/NDF : 596458.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 440.611+/-0.162 χ^2/NDF : 614468.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

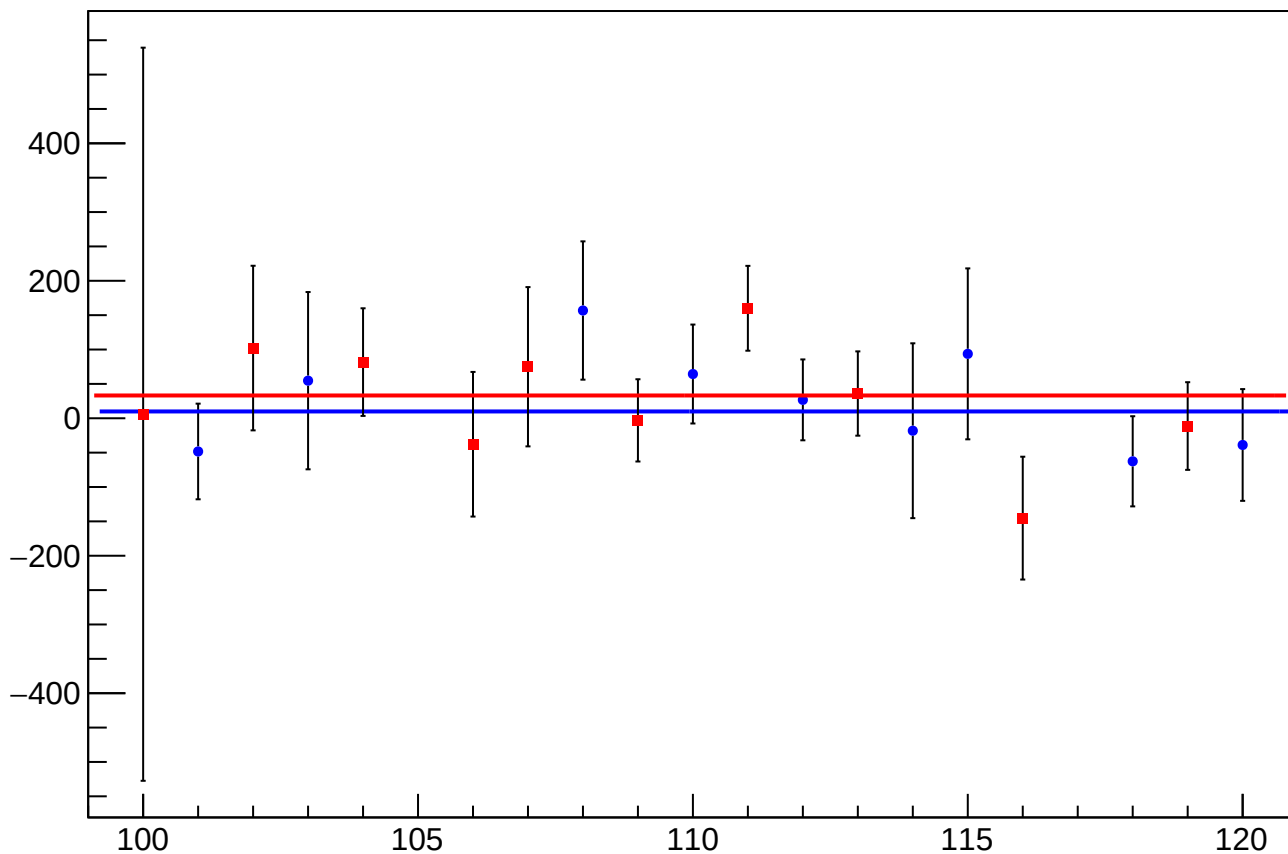
Right: 453.300+/-0.121 χ^2/NDF : 1224822.7/18

In: 469.205+/-0.181 χ^2/NDF : 596458.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 453.300+/-0.121 χ^2/NDF : 1224822.7/18

eigen_cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 9.917+/-27.138 χ^2/NDF : 5.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.155+/-25.156 χ^2/NDF : 10.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

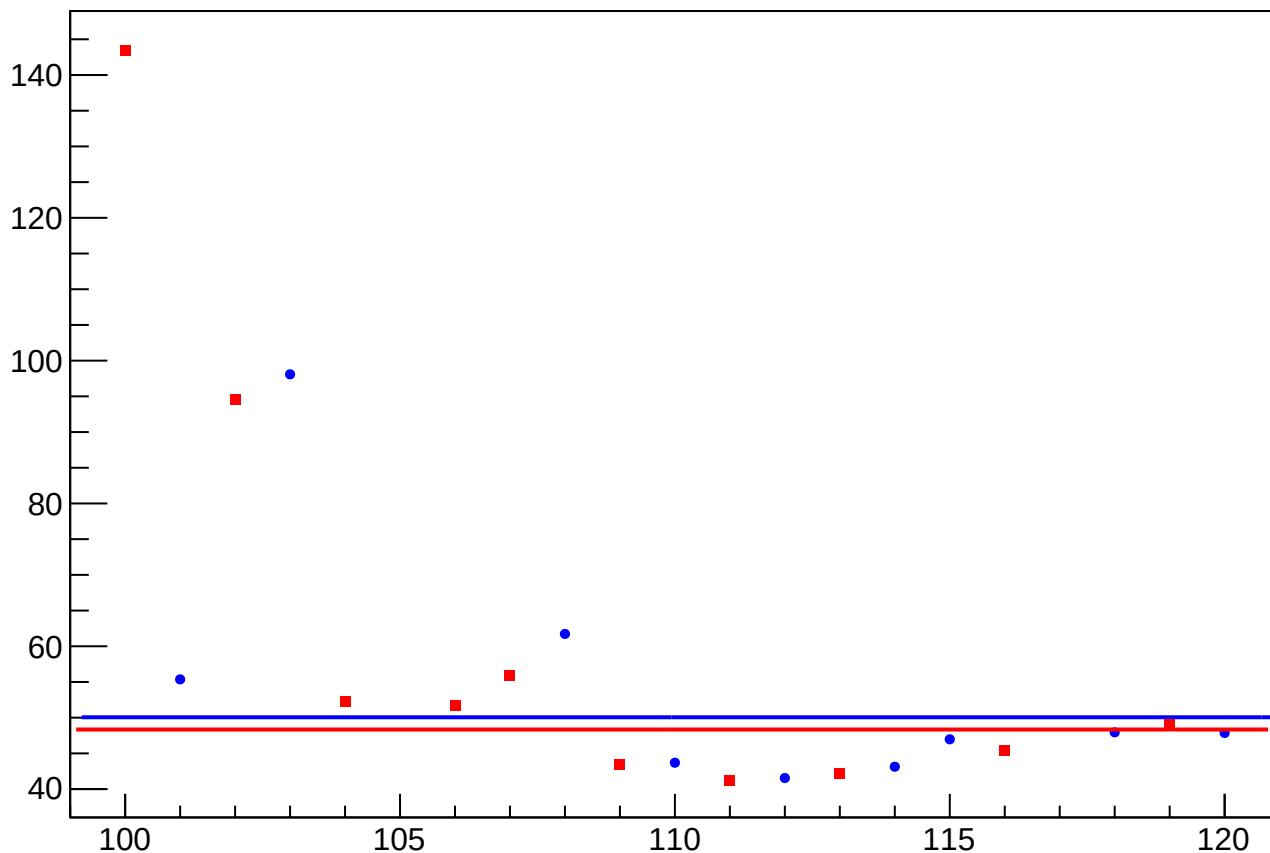
Right: 22.415+/-18.449 χ^2/NDF : 16.5/18

In: 9.917+/-27.138 χ^2/NDF : 5.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.415+/-18.449 χ^2/NDF : 16.5/18

eigen_cor_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 50.057+/-0.019 χ^2/NDF : 384077.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.342+/-0.018 χ^2/NDF : 439779.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

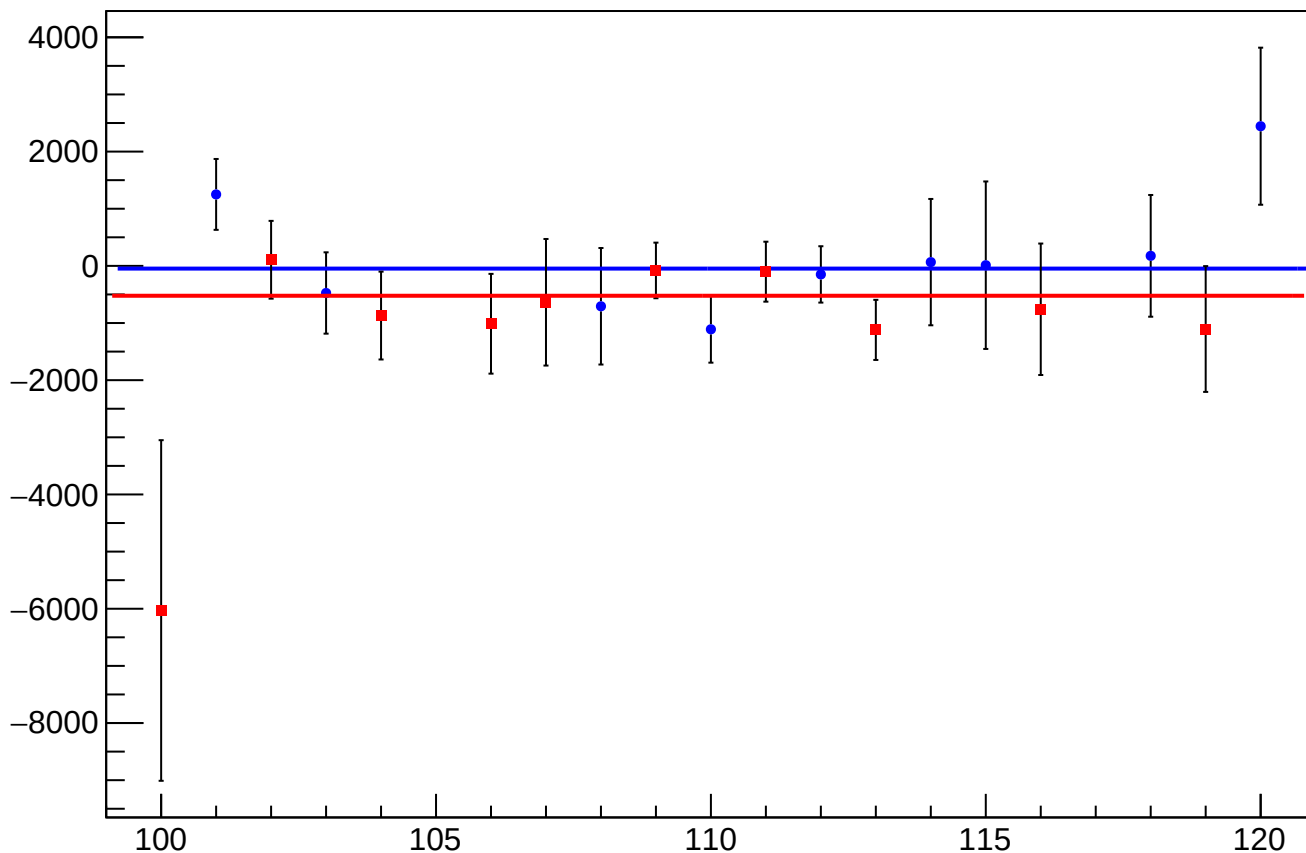
Right: 49.135+/-0.013 χ^2/NDF : 828152.4/18

In: 50.057+/-0.019 χ^2/NDF : 384077.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.135+/-0.013 χ^2/NDF : 828152.4/18

asym_sam_15_37_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -47.513+/-255.840 χ^2/NDF : 11.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -522.845+/-228.516 χ^2/NDF : 7.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

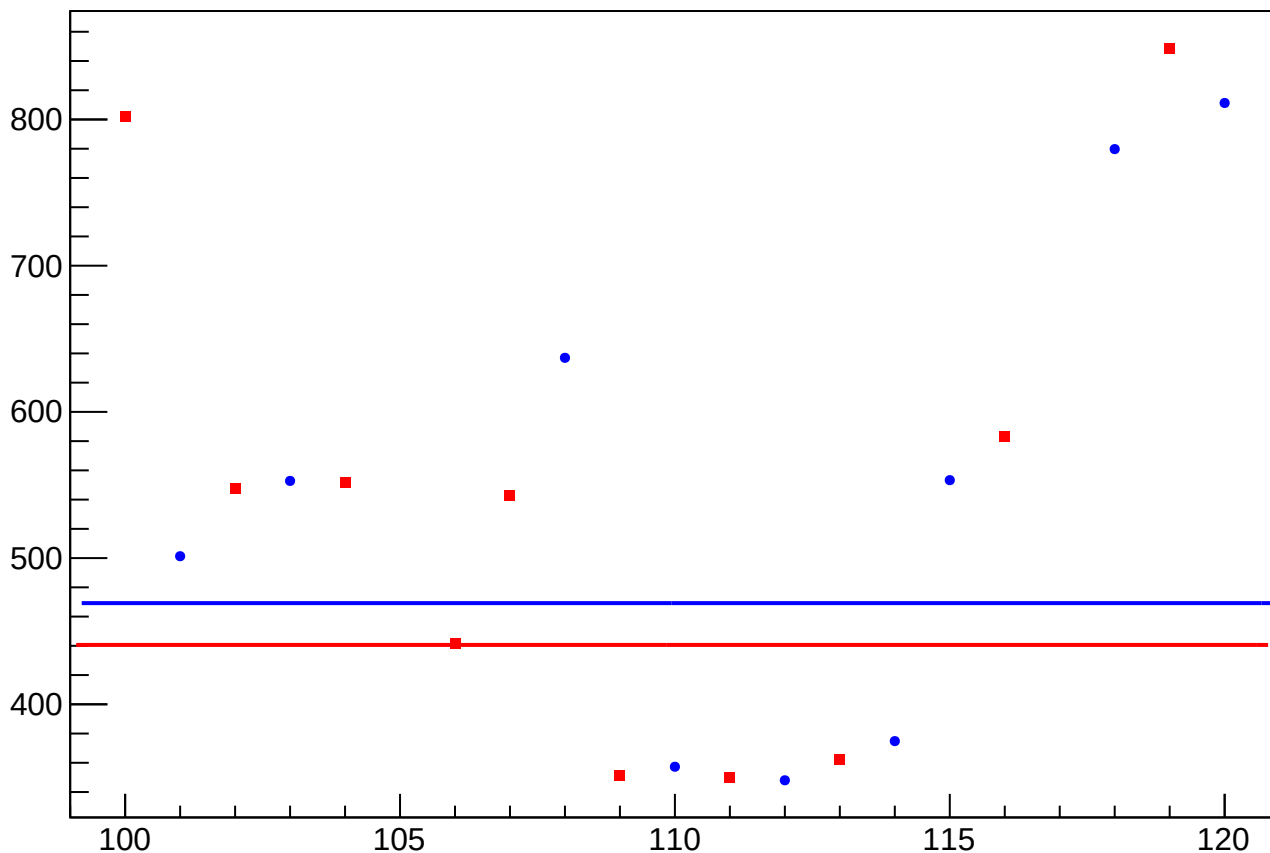
Right: -311.909+/-170.430 χ^2/NDF : 21.7/18

In: -47.513+/-255.840 χ^2/NDF : 11.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -311.909+/-170.430 χ^2/NDF : 21.7/18

asym_sam_15_37_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 469.205+/-0.181 χ^2/NDF : 596458.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 440.611+/-0.162 χ^2/NDF : 614468.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

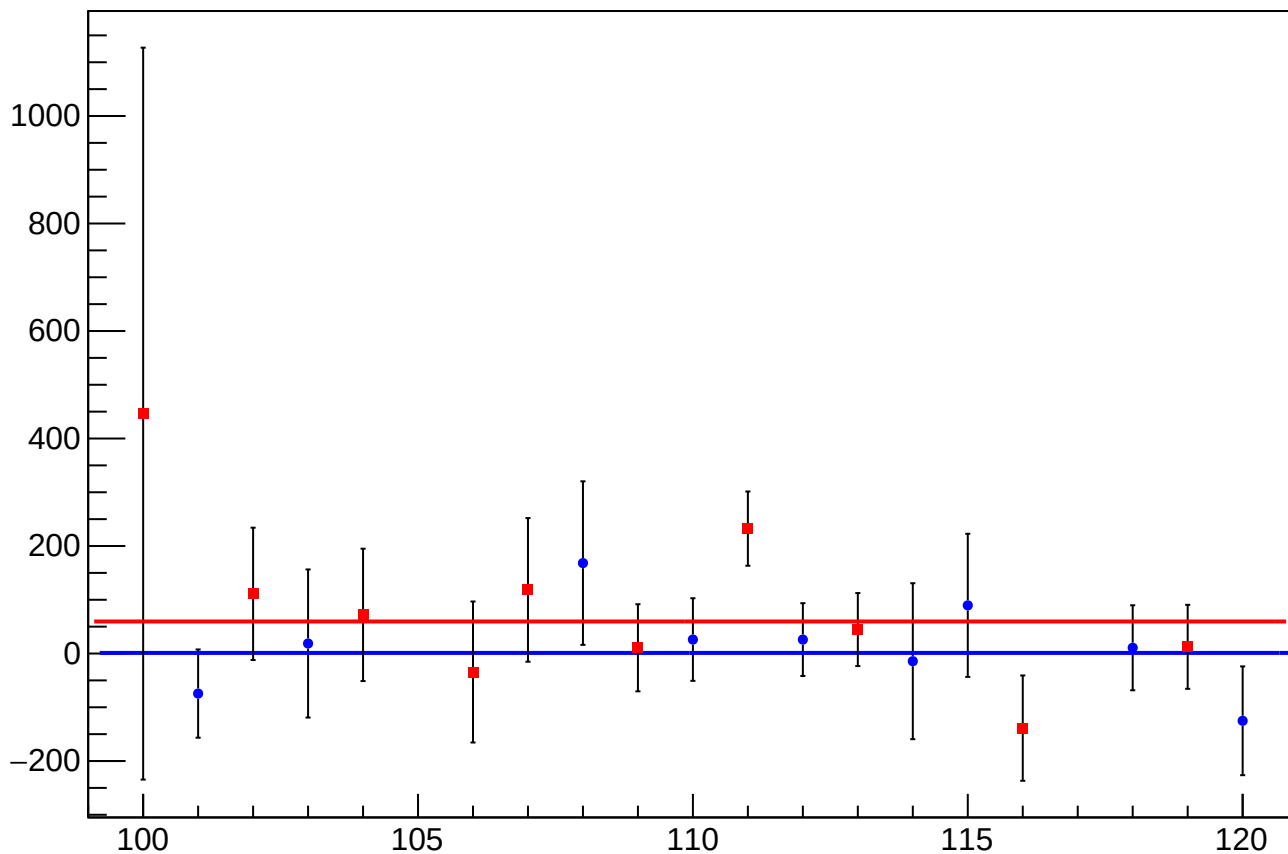
Right: 453.300+/-0.121 χ^2/NDF : 1224822.7/18

In: 469.205+/-0.181 χ^2/NDF : 596458.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 453.300+/-0.121 χ^2/NDF : 1224822.7/18

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 1.129+/-31.731 χ^2/NDF : 4.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.602+/-30.217 χ^2/NDF : 12.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

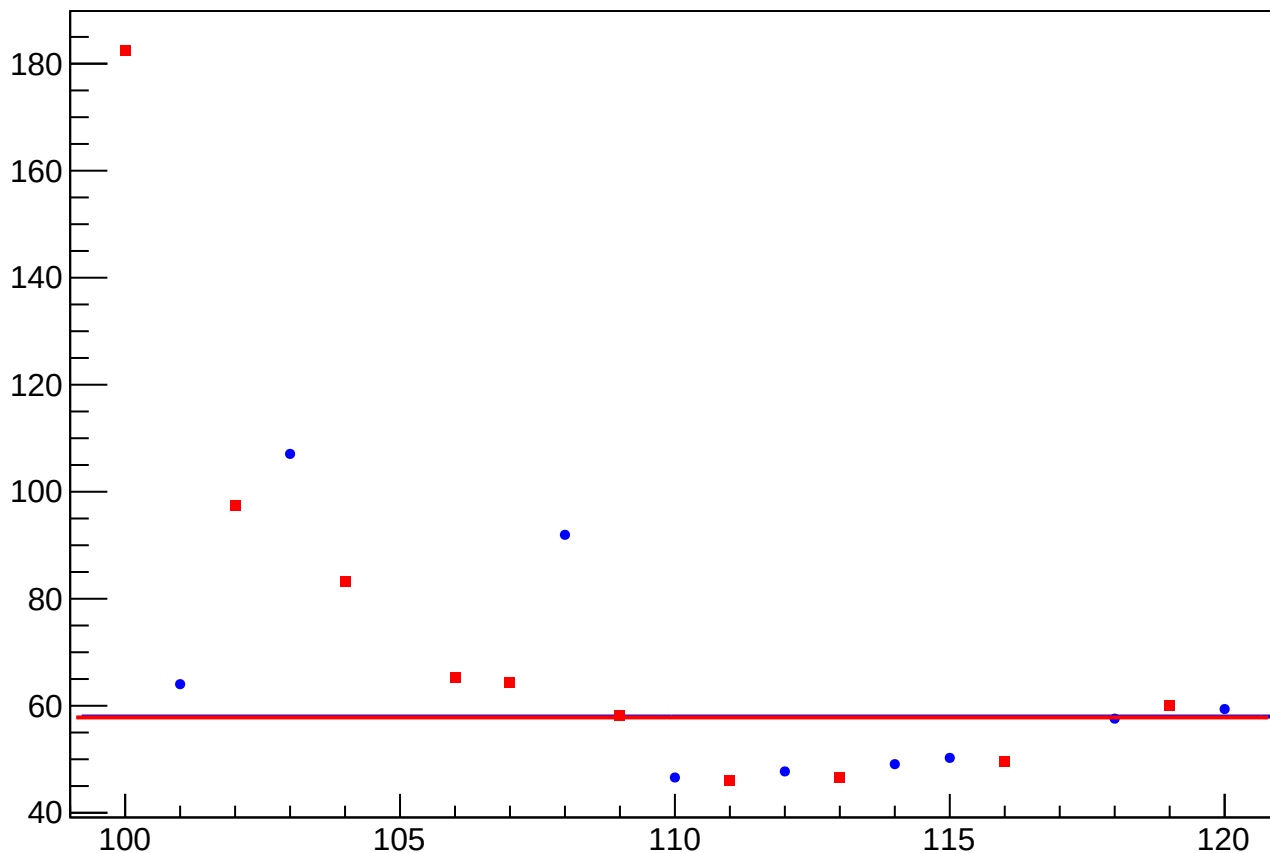
Right: 31.793+/-21.882 χ^2/NDF : 18.5/18

In: 1.129+/-31.731 χ^2/NDF : 4.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.793+/-21.882 χ^2/NDF : 18.5/18

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 57.988+/-0.022 χ^2/NDF : 468983.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.823+/-0.021 χ^2/NDF : 497977.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

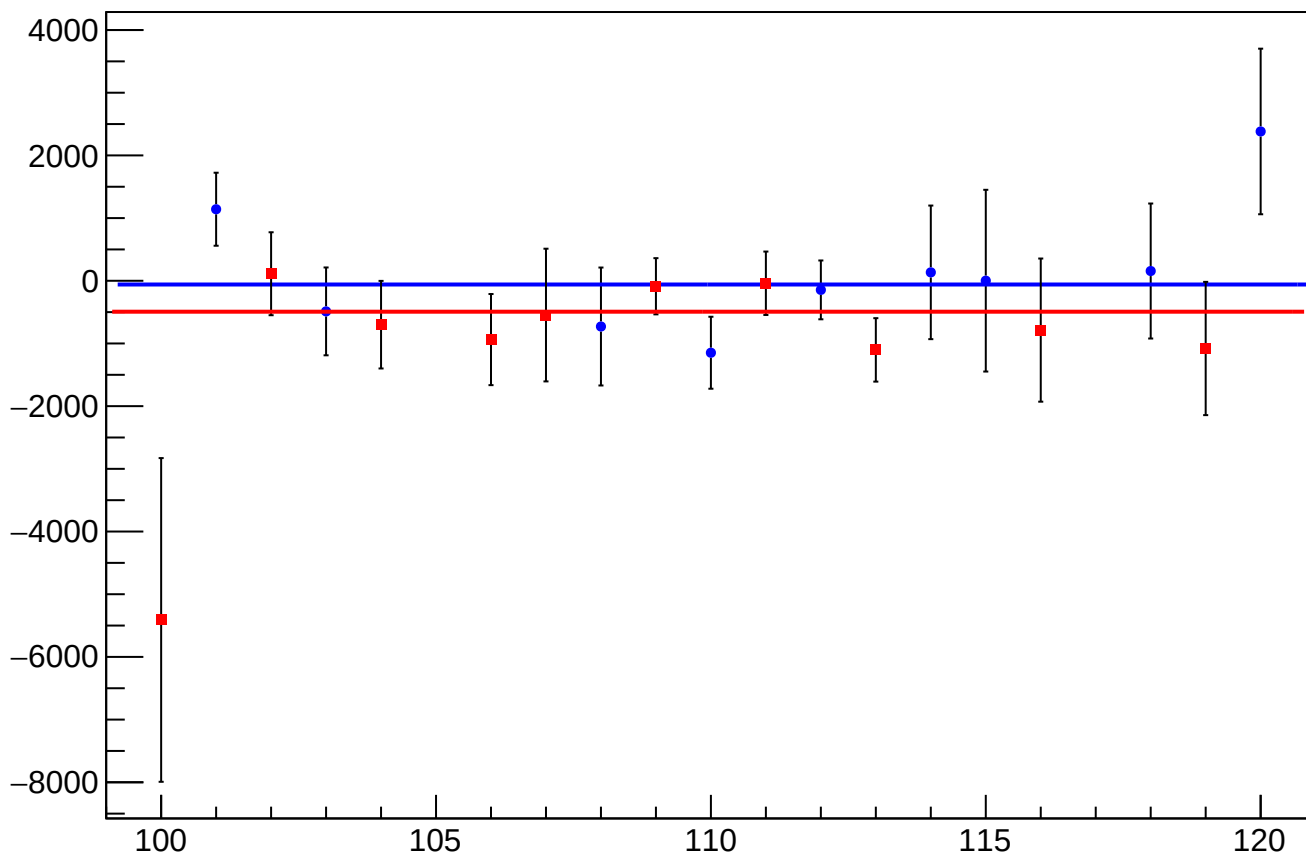
Right: 57.901+/-0.015 χ^2/NDF : 966989.9/18

In: 57.988+/-0.022 χ^2/NDF : 468983.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.901+/-0.015 χ^2/NDF : 966989.9/18

asym_sam_15_37_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -59.406+/-246.276 χ^2/NDF : 12.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -493.251+/-214.616 χ^2/NDF : 8.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

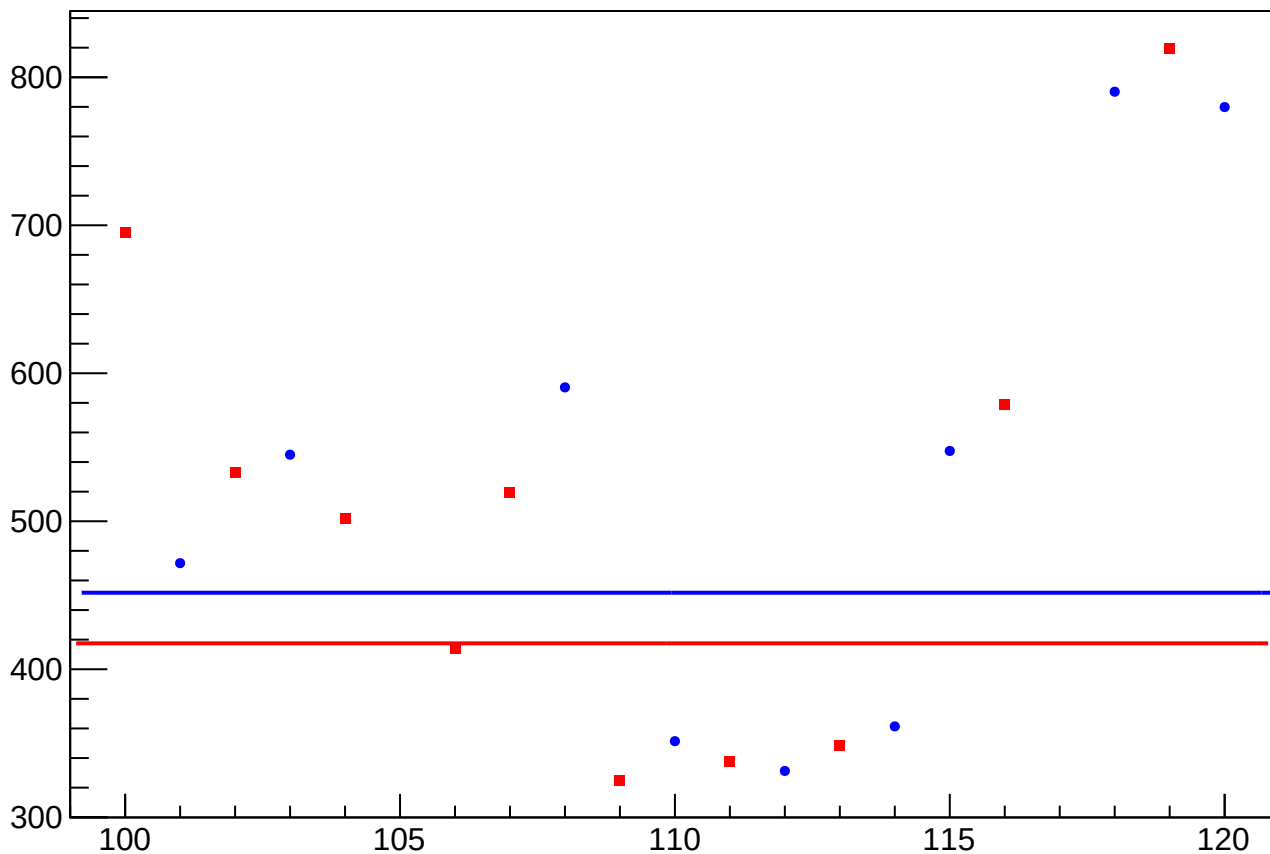
Right: -305.991+/-161.800 χ^2/NDF : 22.4/18

In: -59.406+/-246.276 χ^2/NDF : 12.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -305.991+/-161.800 χ^2/NDF : 22.4/18

asym_sam_15_37_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 451.719+/-0.174 χ^2/NDF : 618463.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 417.494+/-0.152 χ^2/NDF : 629638.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

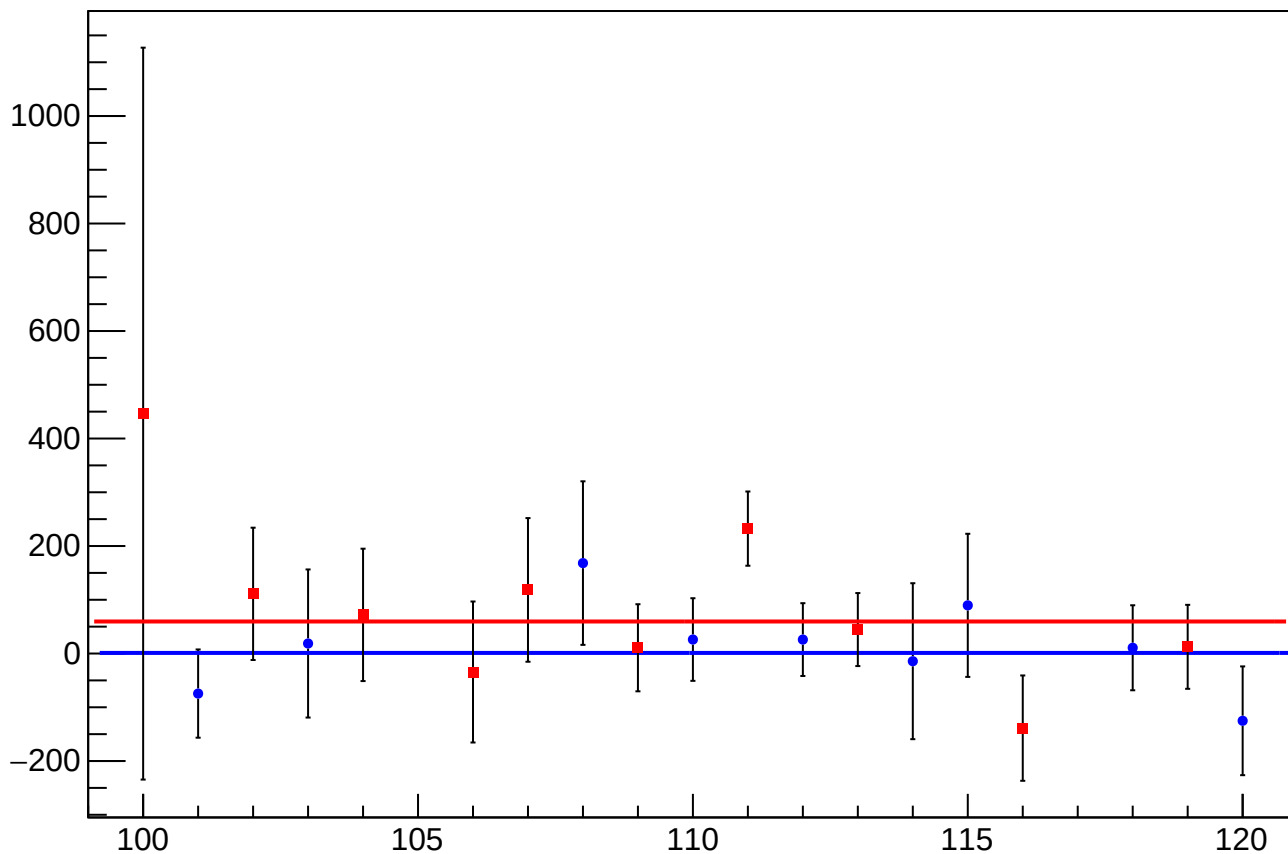
Right: 432.267+/-0.114 χ^2/NDF : 1270055.3/18

In: 451.719+/-0.174 χ^2/NDF : 618463.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 432.267+/-0.114 χ^2/NDF : 1270055.3/18

eigen_dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 1.129+/-31.731 χ^2/NDF : 4.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.603+/-30.217 χ^2/NDF : 12.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

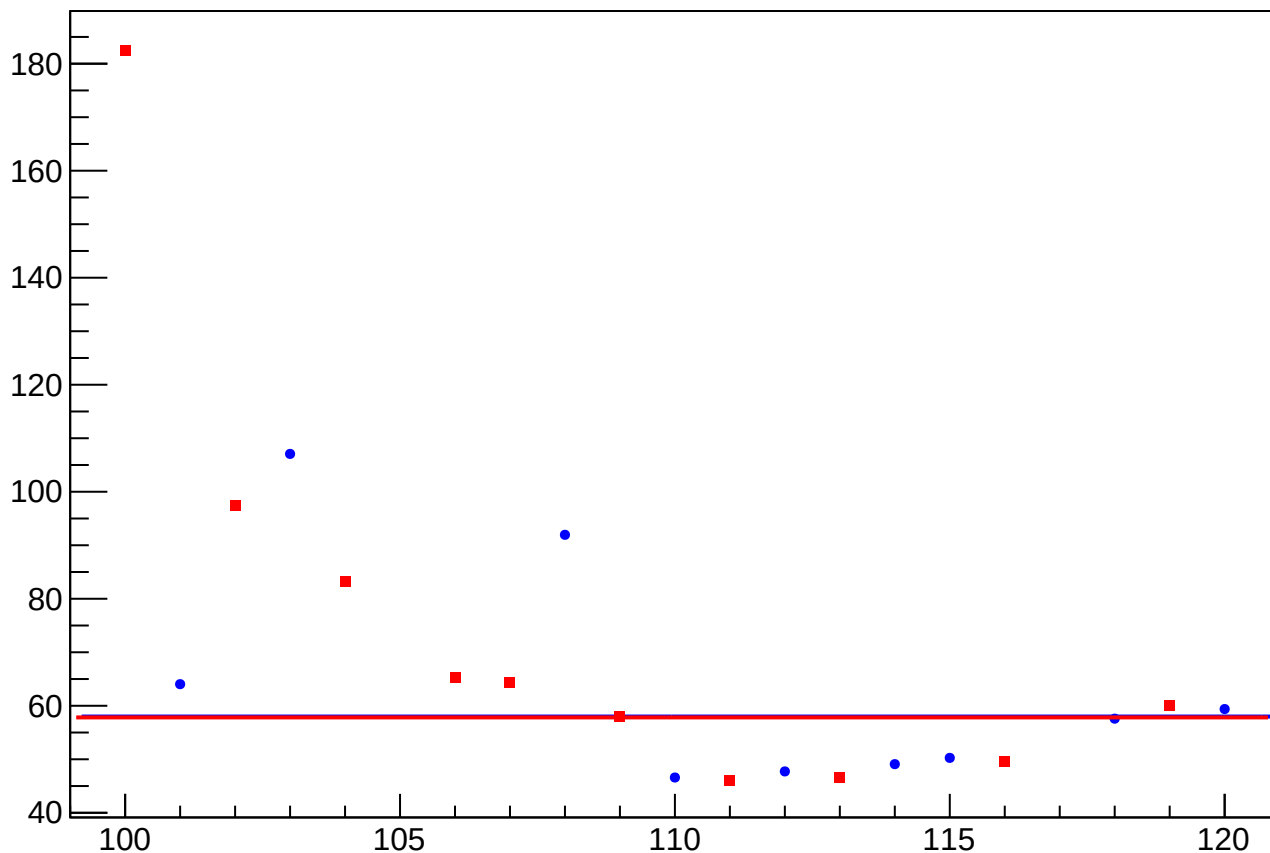
Right: 31.794+/-21.882 χ^2/NDF : 18.5/18

In: 1.129+/-31.731 χ^2/NDF : 4.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.794+/-21.882 χ^2/NDF : 18.5/18

eigen_dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 57.988+/-0.022 χ^2/NDF : 468980.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.823+/-0.021 χ^2/NDF : 497974.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

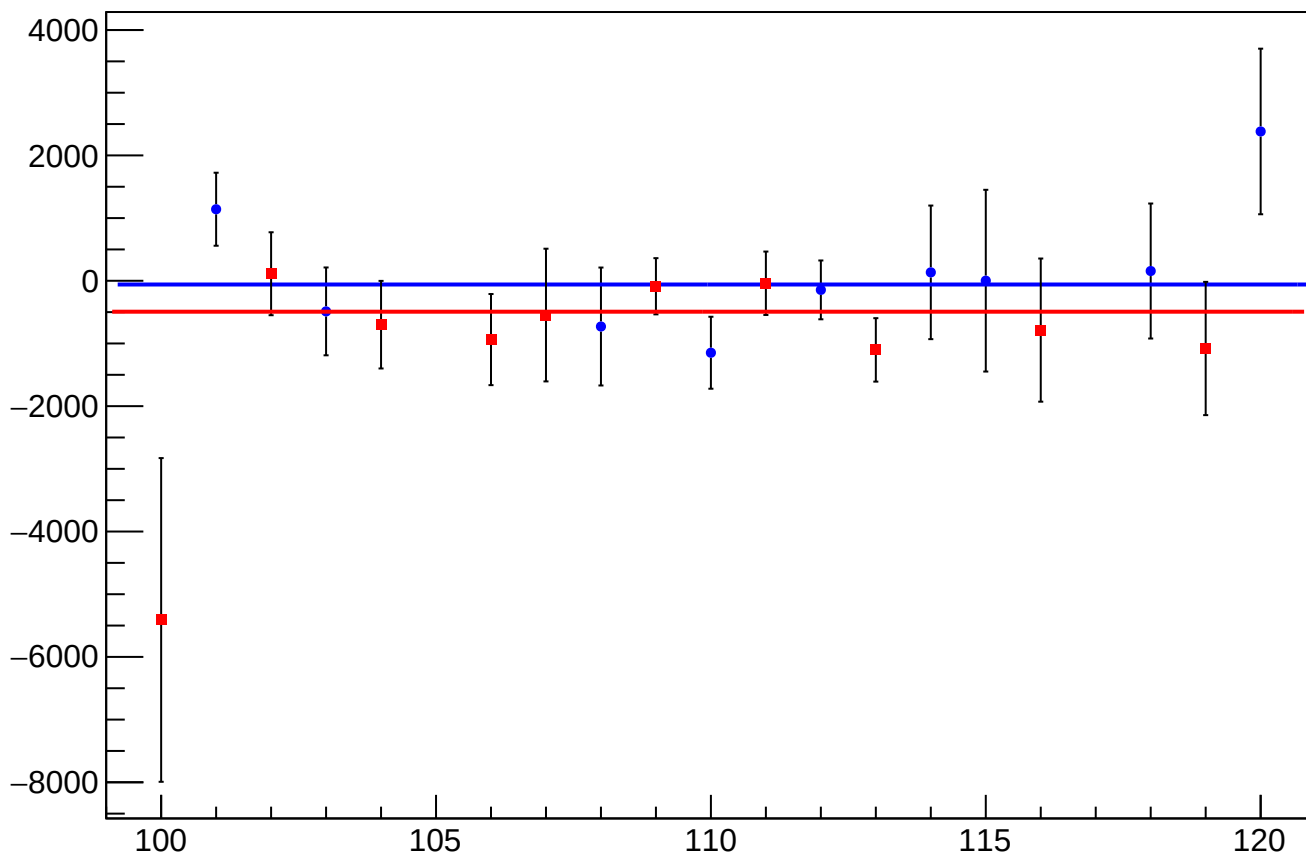
Right: 57.902+/-0.015 χ^2/NDF : 966982.9/18

In: 57.988+/-0.022 χ^2/NDF : 468980.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.902+/-0.015 χ^2/NDF : 966982.9/18

asym_sam_15_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -59.406+/-246.276 χ^2/NDF : 12.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -493.250+/-214.616 χ^2/NDF : 8.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

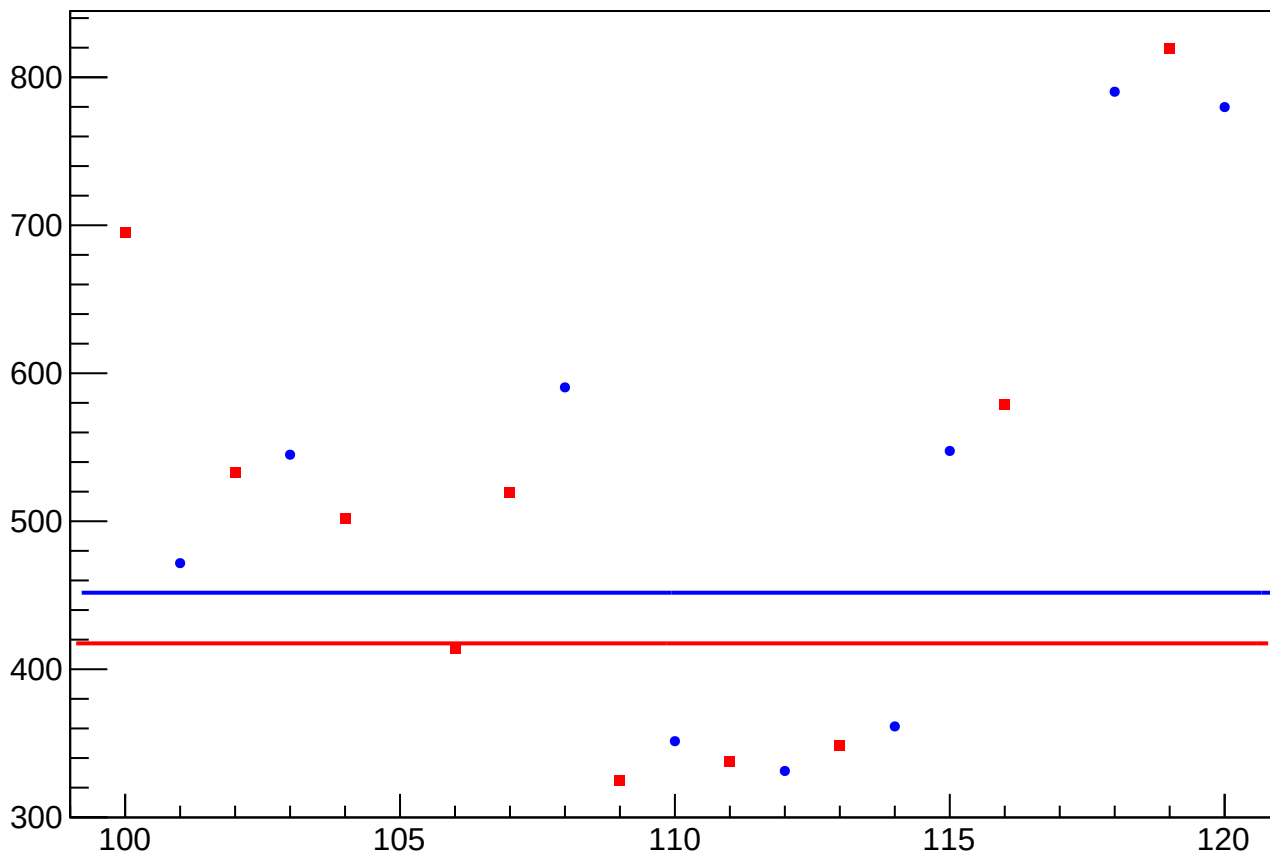
Right: -305.990+/-161.800 χ^2/NDF : 22.4/18

In: -59.406+/-246.276 χ^2/NDF : 12.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -305.990+/-161.800 χ^2/NDF : 22.4/18

asym_sam_15_37_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 451.718+/-0.174 χ^2/NDF : 618465.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 417.493+/-0.152 χ^2/NDF : 629638.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

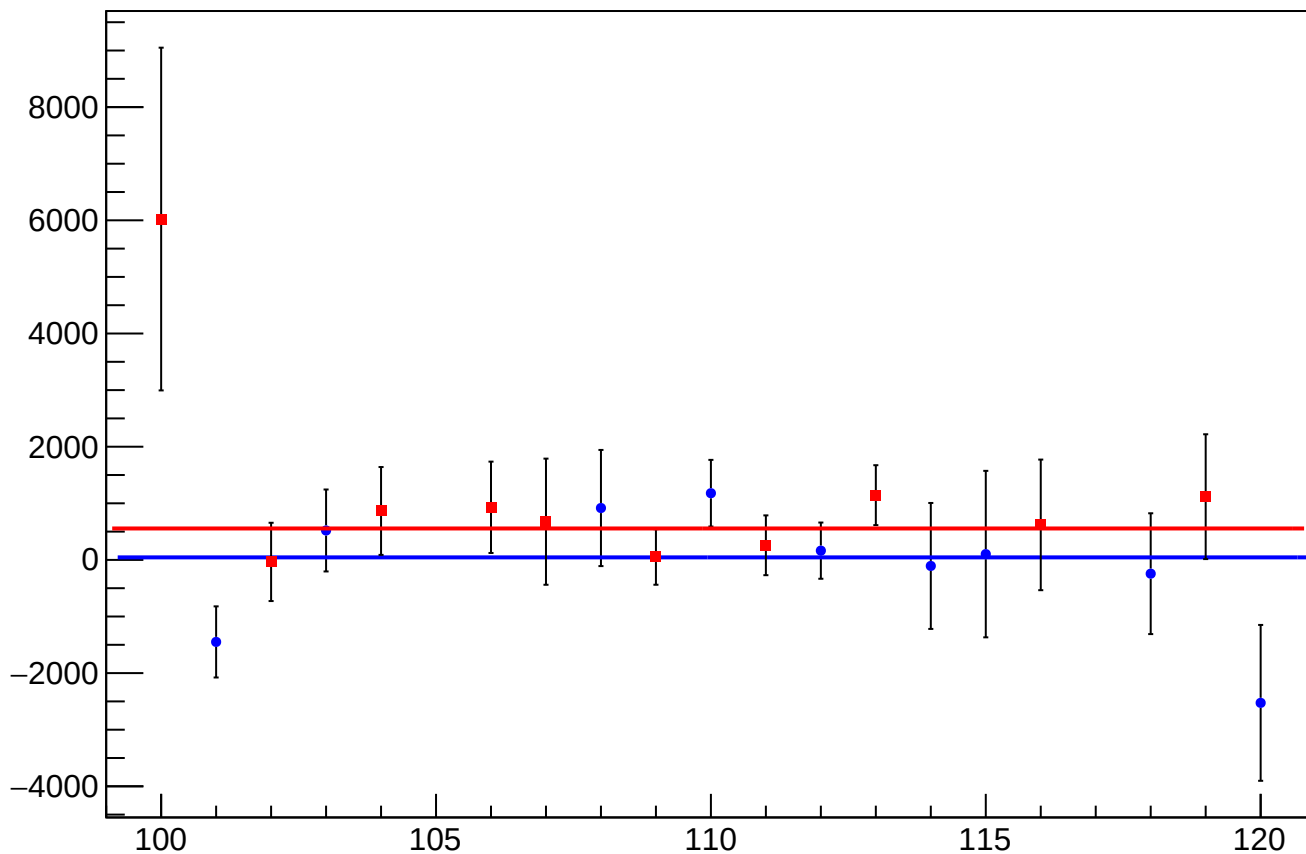
Right: 432.266+/-0.114 χ^2/NDF : 1270057.0/18

In: 451.718+/-0.174 χ^2/NDF : 618465.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 432.266+/-0.114 χ^2/NDF : 1270057.0/18

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 44.765+/-258.144 χ^2/NDF : 14.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 555.394+/-228.953 χ^2/NDF : 7.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

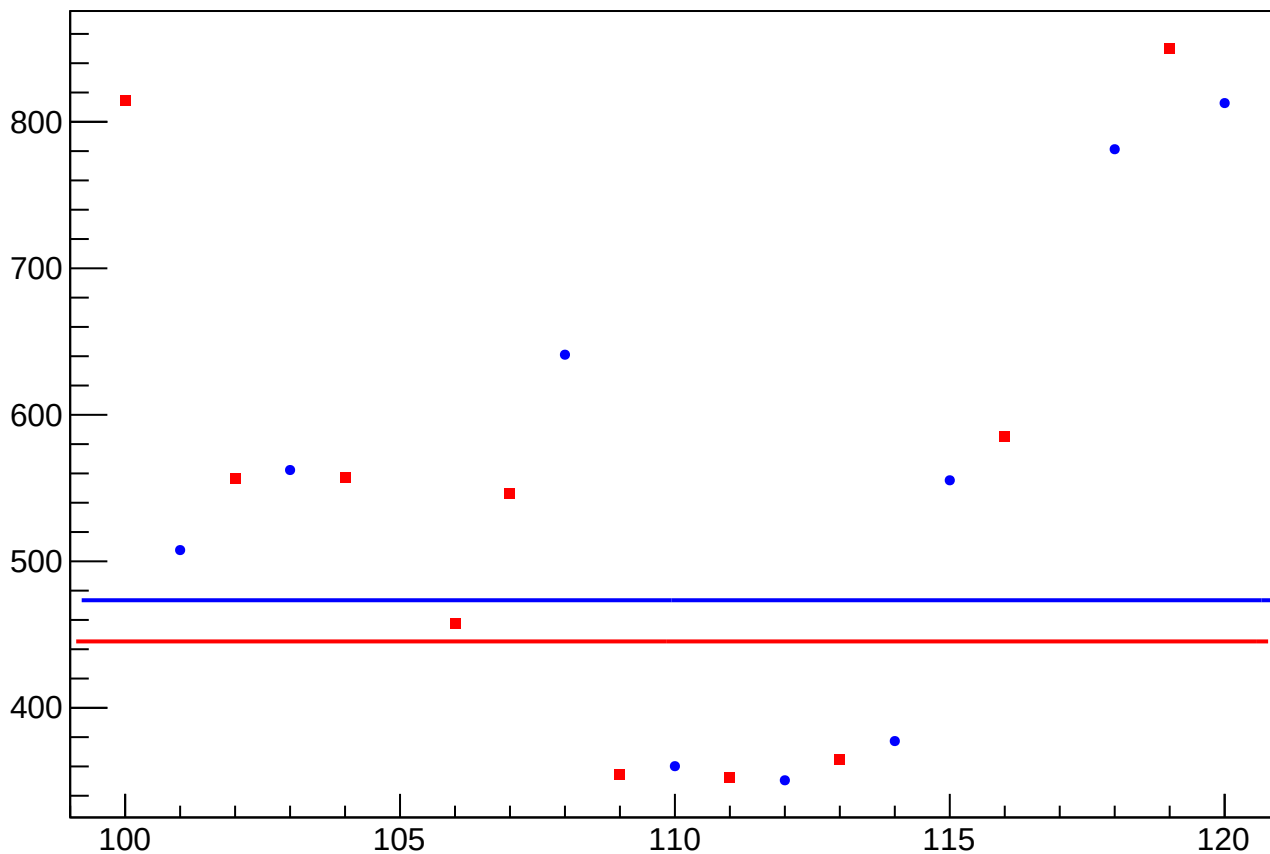
Right: 330.571+/-171.289 χ^2/NDF : 23.6/18

In: 44.765+/-258.144 χ^2/NDF : 14.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 330.571+/-171.289 χ^2/NDF : 23.6/18

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 473.441+/-0.183 χ^2/NDF : 594973.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 445.337+/-0.162 χ^2/NDF : 614600.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

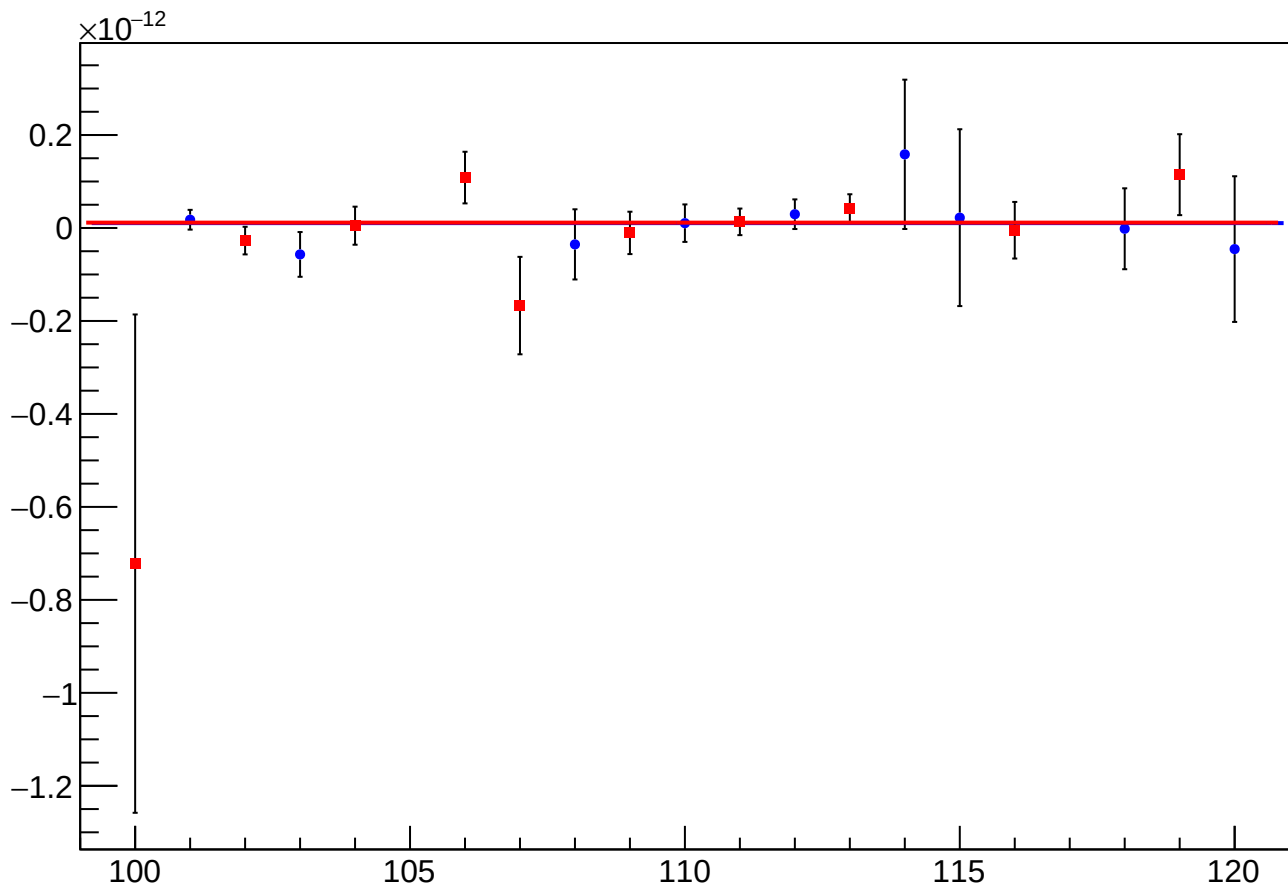
Right: 457.711+/-0.121 χ^2/NDF : 1222842.0/18

In: 473.441+/-0.183 χ^2/NDF : 594973.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 457.711+/-0.121 χ^2/NDF : 1222842.0/18

asym_sam_15_37_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

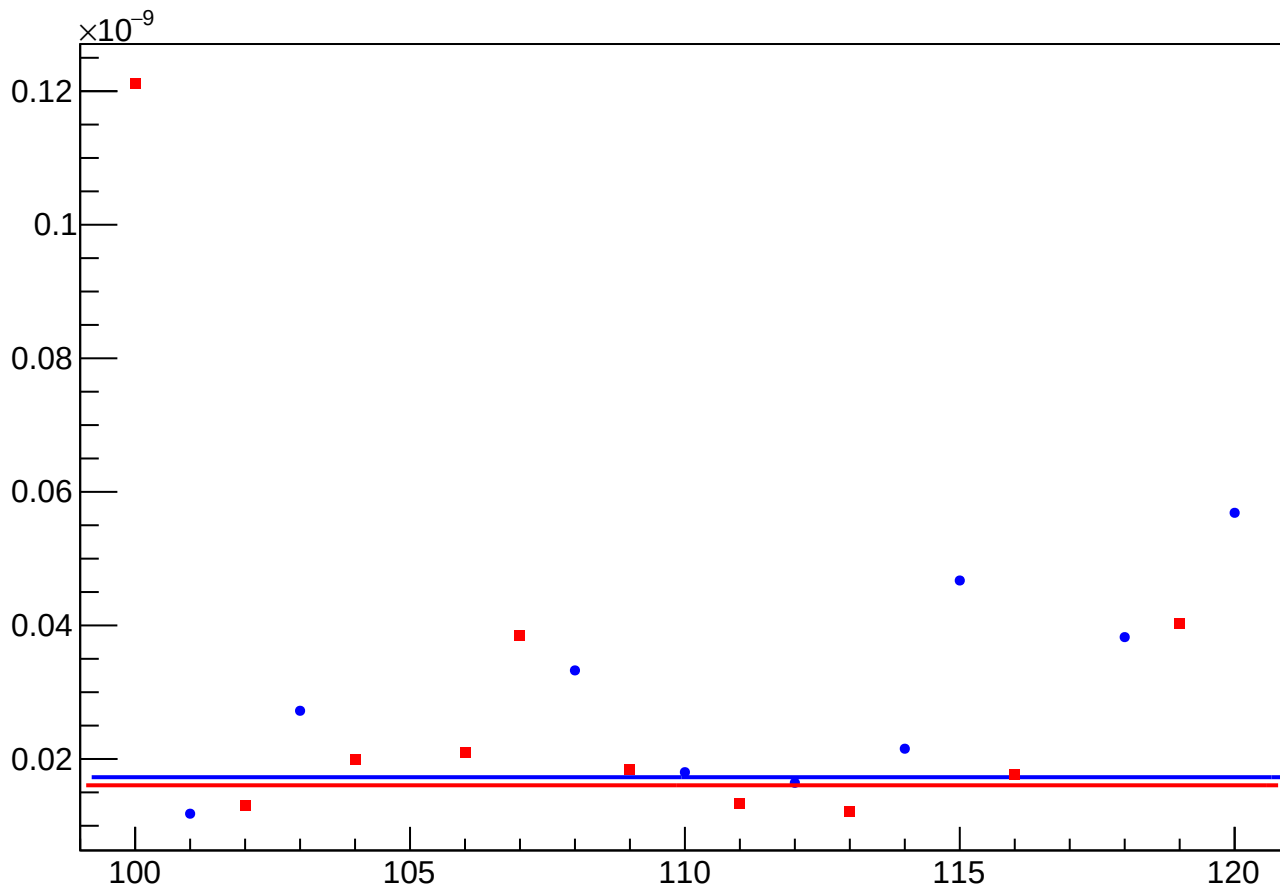
Right: 0.000+/-0.000 χ^2/NDF : 16.1/18

In: 0.000+/-0.000 χ^2/NDF : 3.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.1/18

asym_sam_15_37_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 602798.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 433352.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

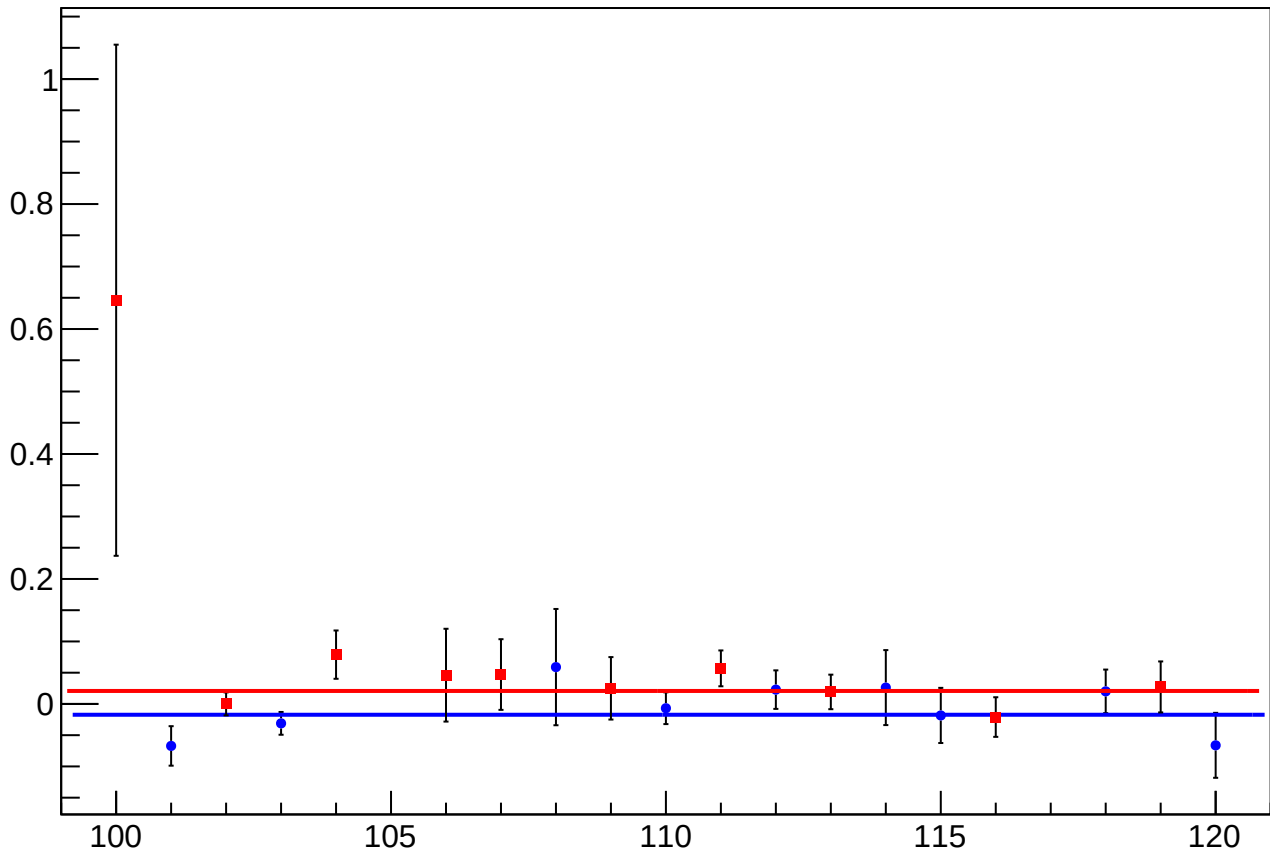
Right: 0.000+/-0.000 χ^2/NDF : 1043484.1/18

In: 0.000+/-0.000 χ^2/NDF : 602798.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1043484.1/18

asym_sam_15_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017 $\pm$ 0.011 χ^2 /NDF: 8.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.021 $\pm$ 0.011 χ^2 /NDF: 9.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

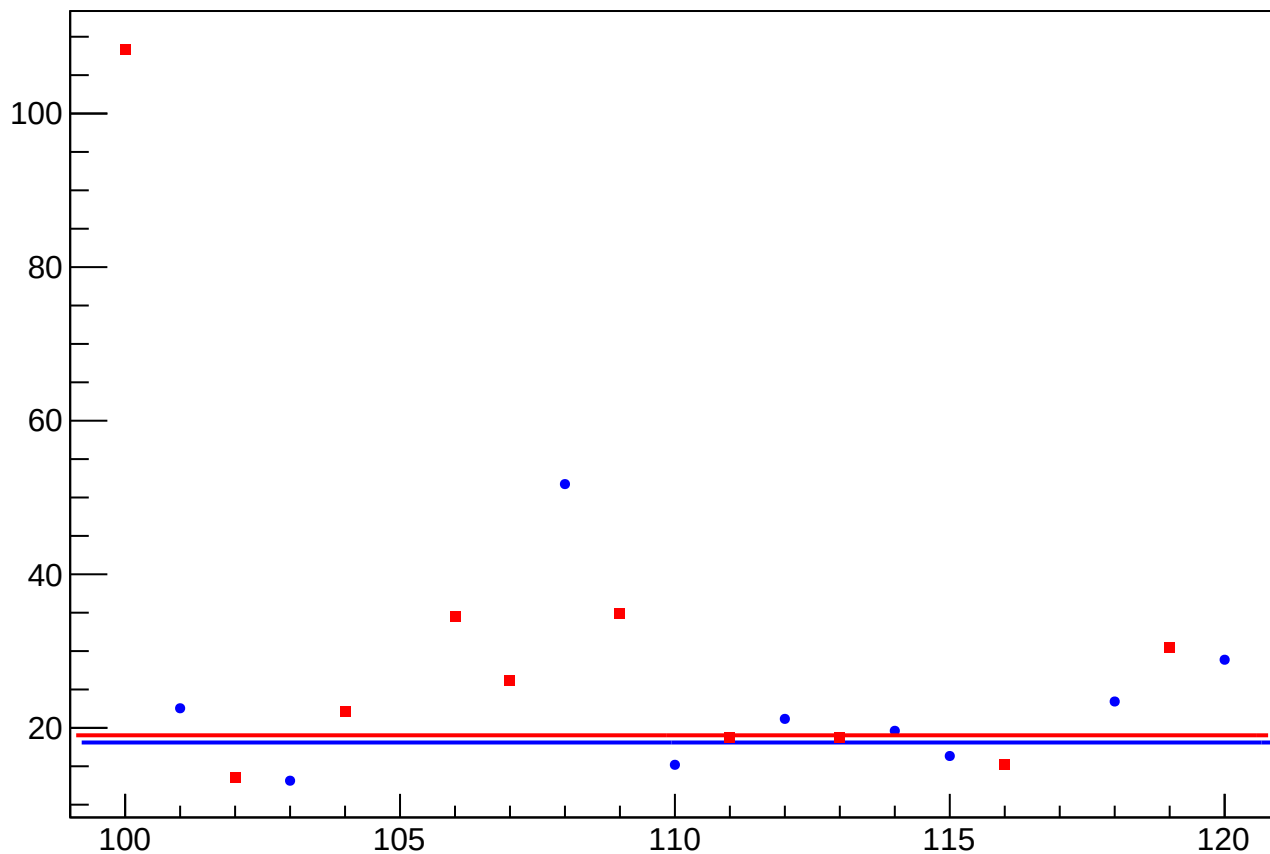
Right: 0.002 $\pm$ 0.008 χ^2 /NDF: 24.0/18

In: -0.017 $\pm$ 0.011 χ^2 /NDF:8.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.008 χ^2 /NDF: 24.0/18

asym_sam_15_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.097+/-0.008 χ^2/NDF : 633879.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.034+/-0.008 χ^2/NDF : 787993.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

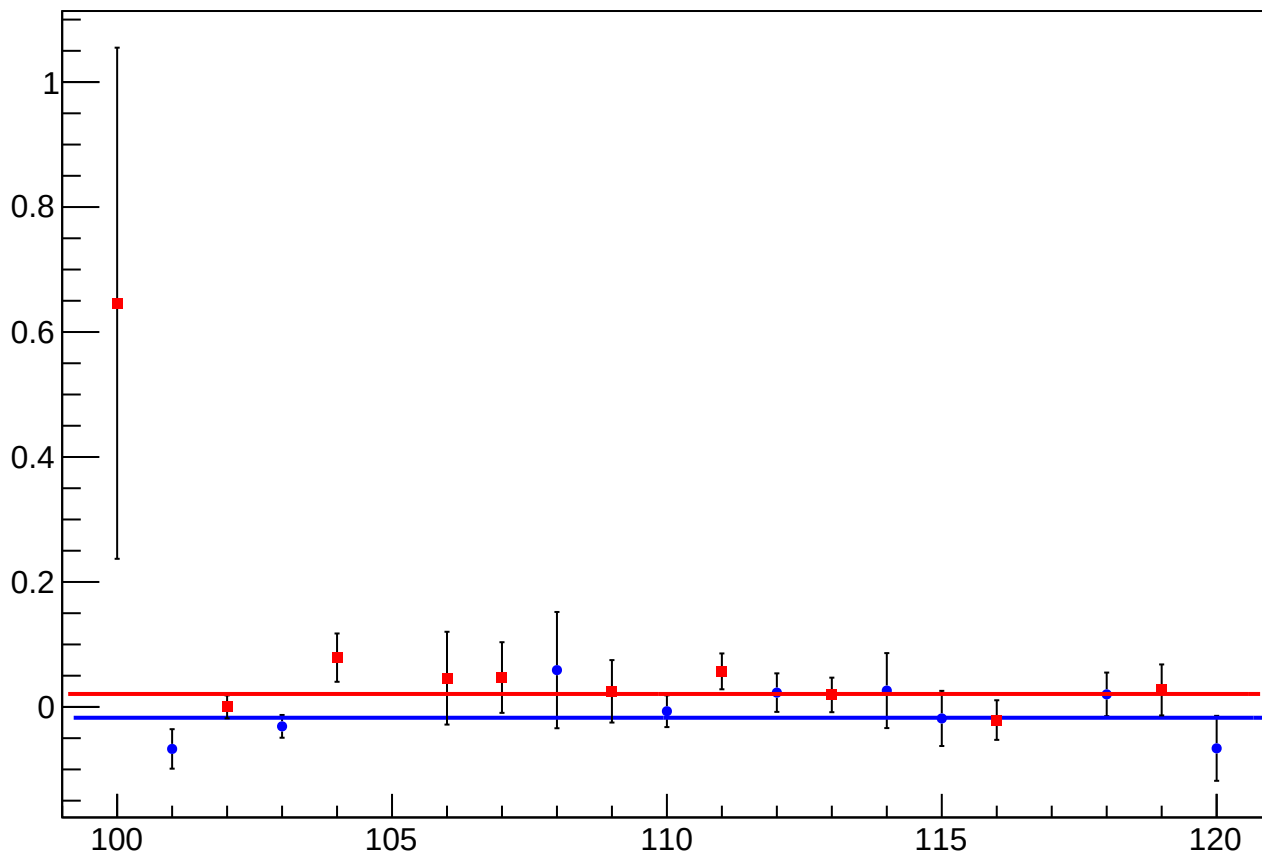
Right: 18.564+/-0.005 χ^2/NDF : 1429506.8/18

In: 18.097+/-0.008 χ^2/NDF : 633879.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.564+/-0.005 χ^2/NDF : 1429506.8/18

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017 $\pm$ 0.011 χ^2 /NDF: 8.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.021 $\pm$ 0.011 χ^2 /NDF: 9.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

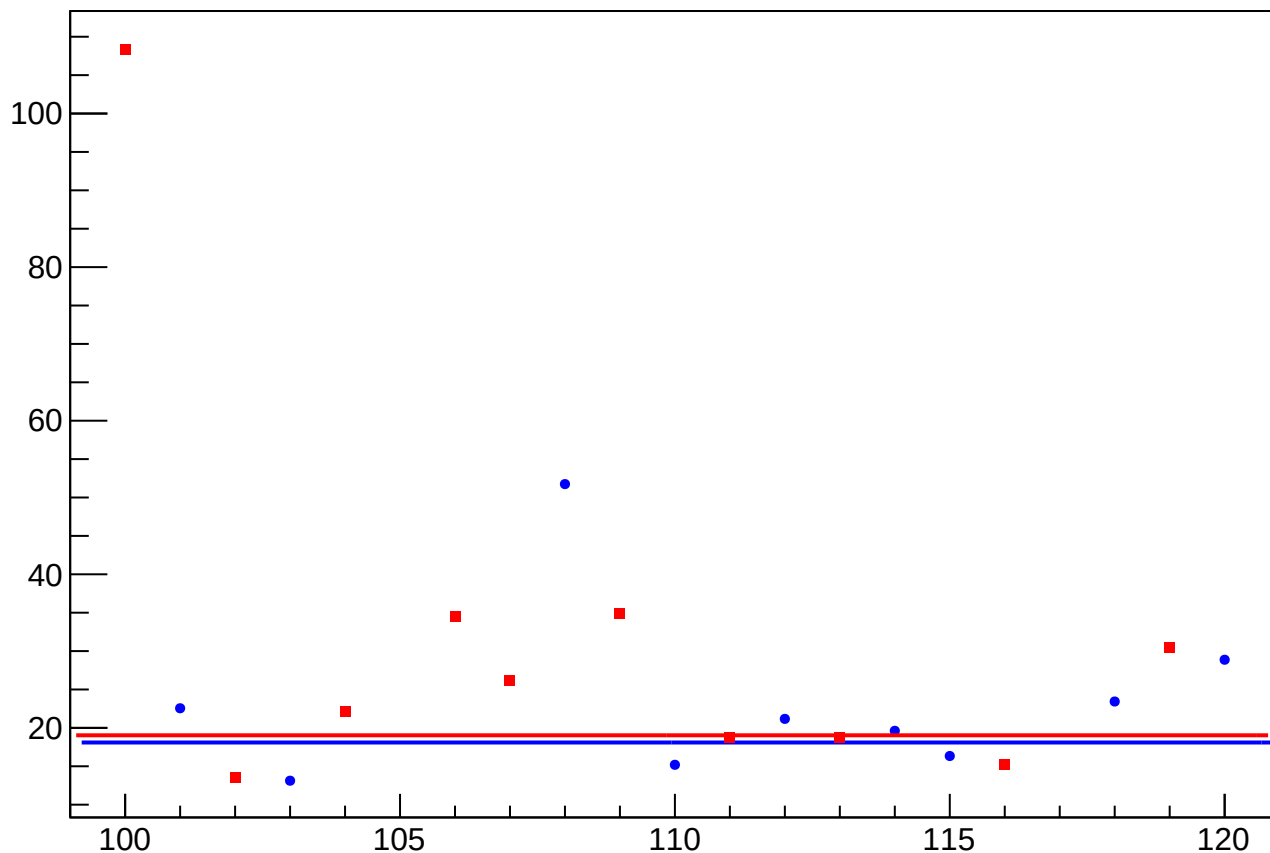
Right: 0.002 $\pm$ 0.008 χ^2 /NDF: 24.0/18

In: -0.017 $\pm$ 0.011 χ^2 /NDF:8.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.008 χ^2 /NDF: 24.0/18

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.097+/-0.008 χ^2/NDF : 633879.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.034+/-0.008 χ^2/NDF : 787993.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

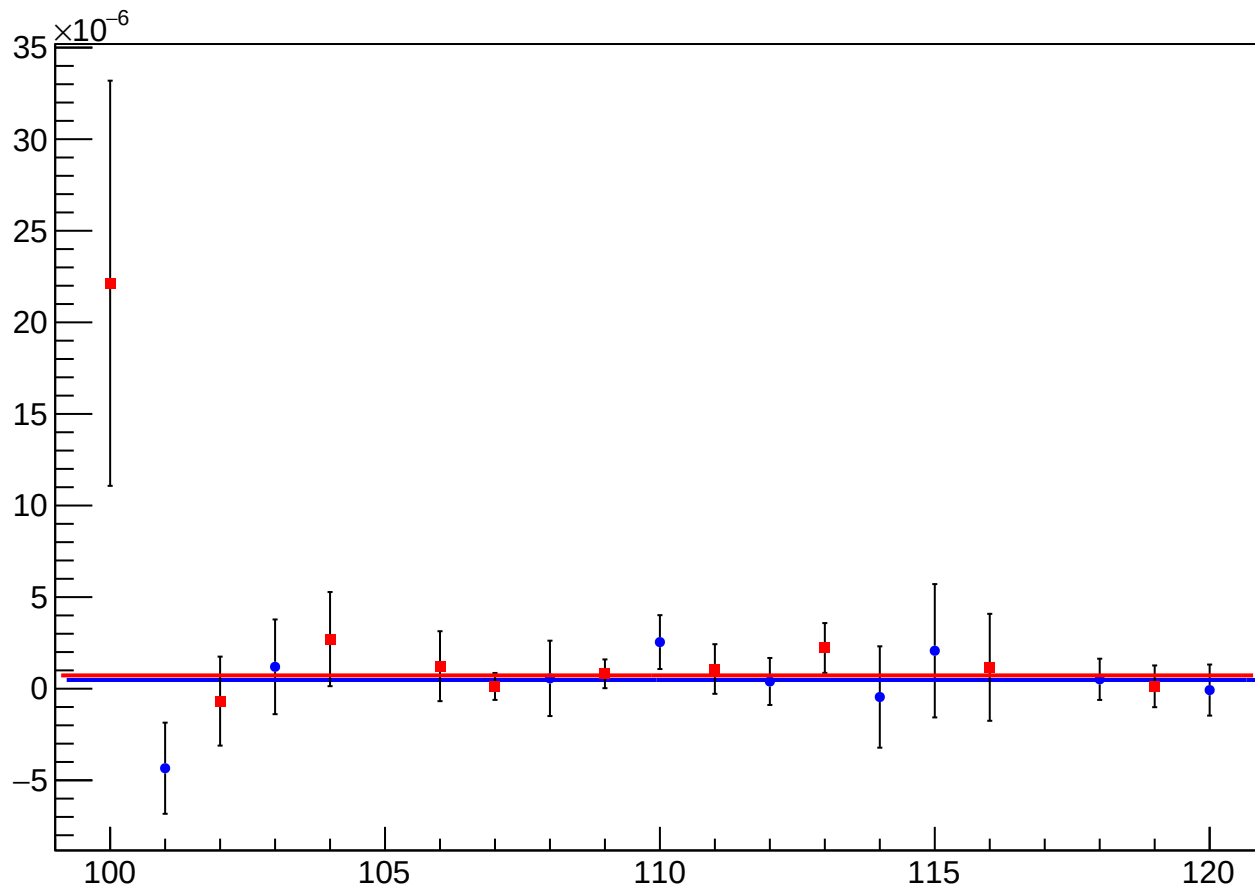
Right: 18.564+/-0.005 χ^2/NDF : 1429506.8/18

In: 18.097+/-0.008 χ^2/NDF : 633879.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.564+/-0.005 χ^2/NDF : 1429506.8/18

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

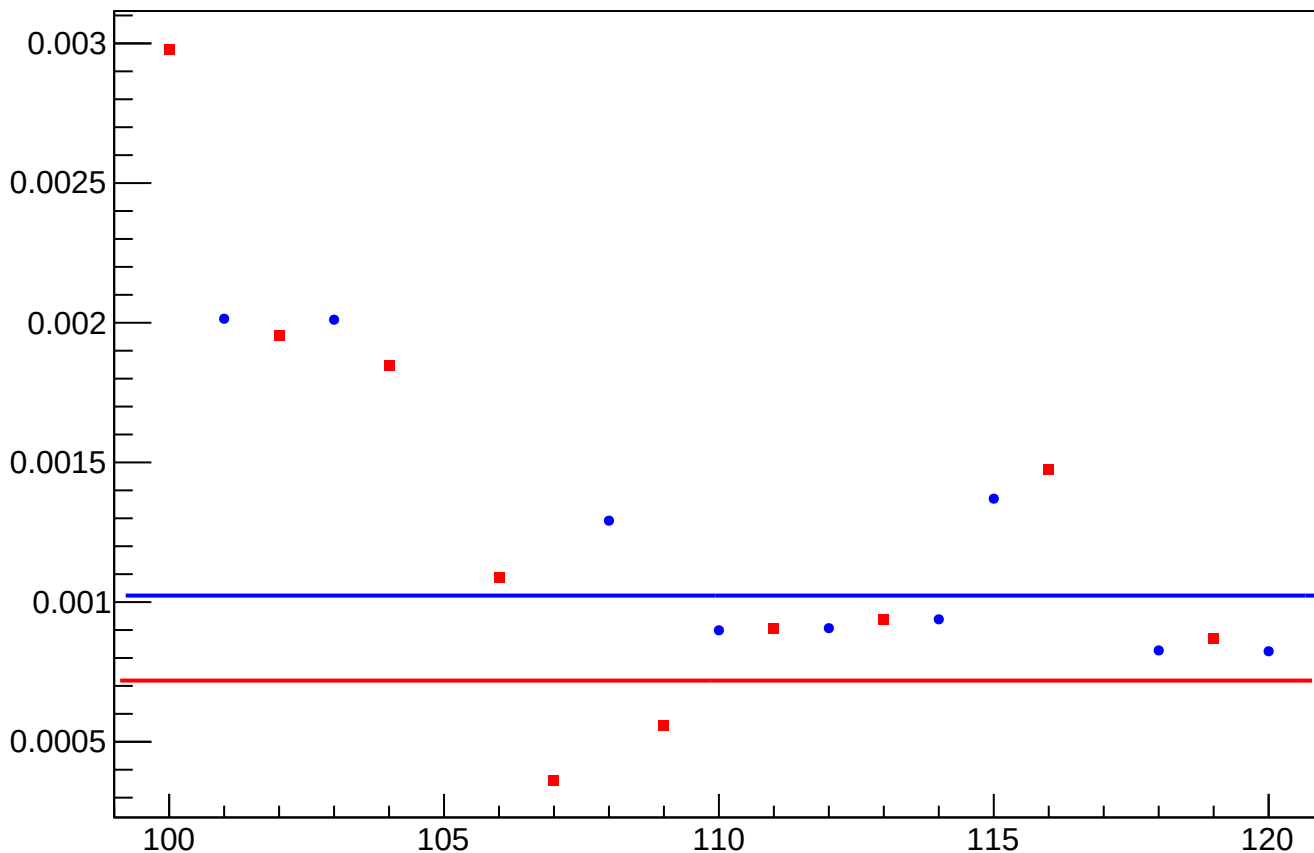
Right: 0.000+/-0.000 χ^2/NDF : 13.4/18

In: 0.000+/-0.000 χ^2/NDF : 6.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.4/18

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 795800.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1877111.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

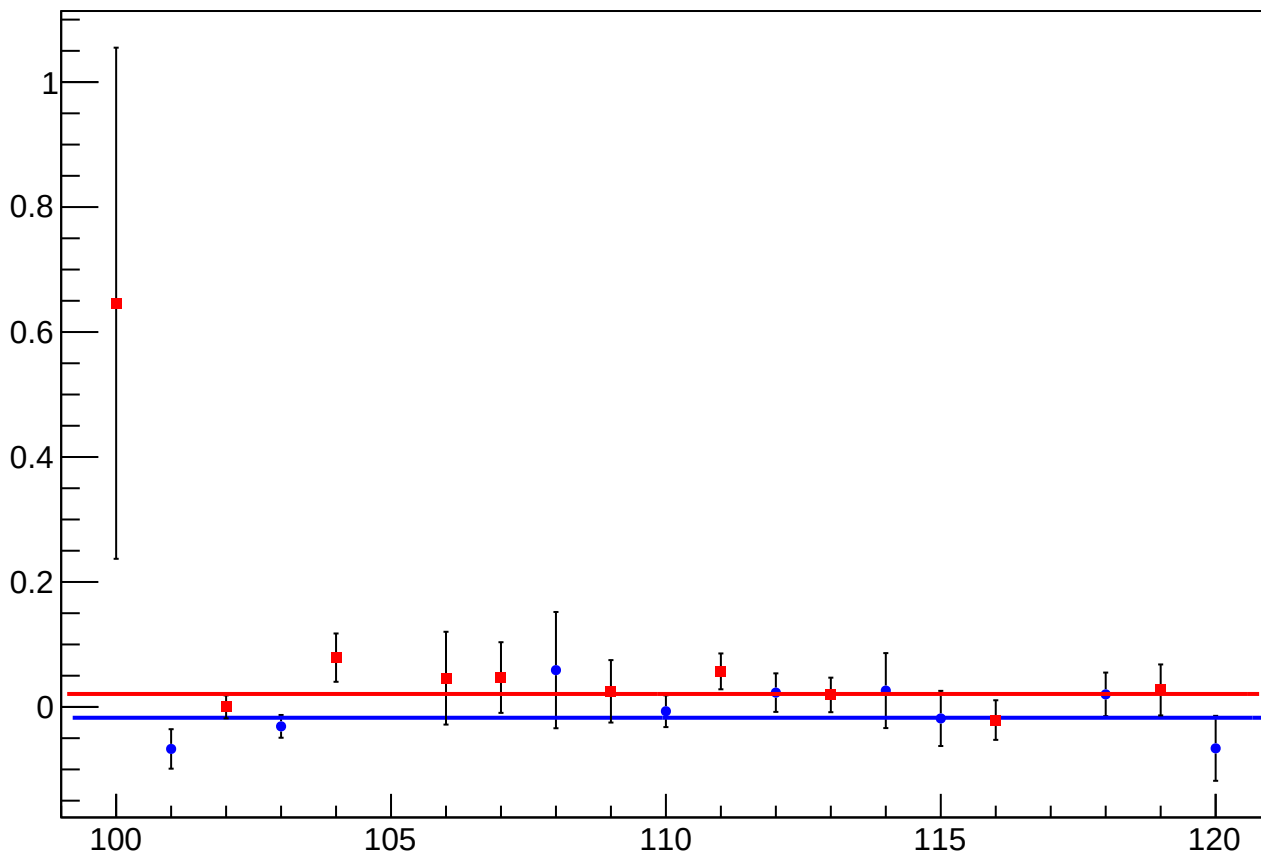
Right: 0.001+/-0.000 χ^2/NDF : 3054641.1/18

In: 0.001+/-0.000 χ^2/NDF :795800.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3054641.1/18

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017 $\pm$ 0.011 χ^2 /NDF: 8.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.021 $\pm$ 0.011 χ^2 /NDF: 9.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

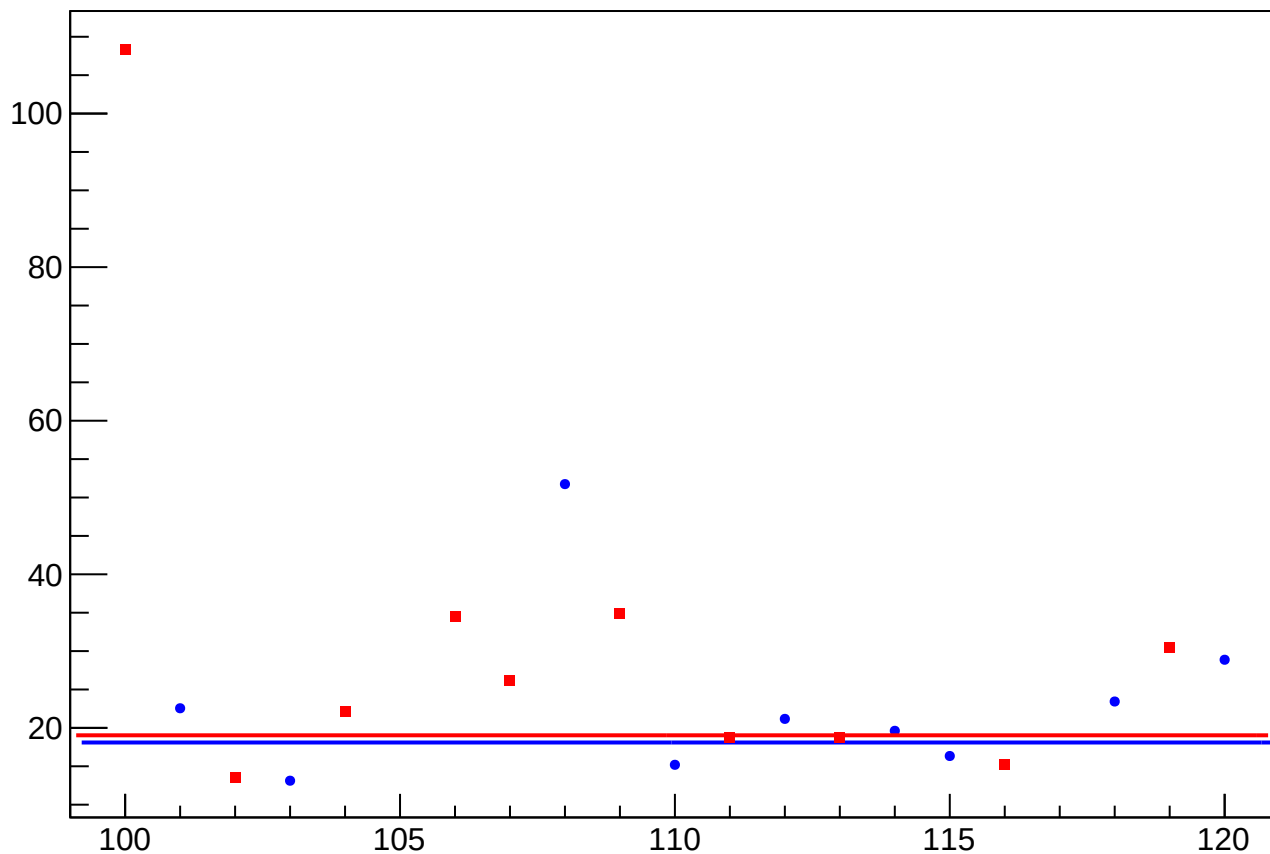
Right: 0.002 $\pm$ 0.008 χ^2 /NDF: 24.0/18

In: -0.017 $\pm$ 0.011 χ^2 /NDF:8.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.008 χ^2 /NDF: 24.0/18

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.097+/-0.008 χ^2/NDF : 633827.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.035+/-0.008 χ^2/NDF : 787863.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

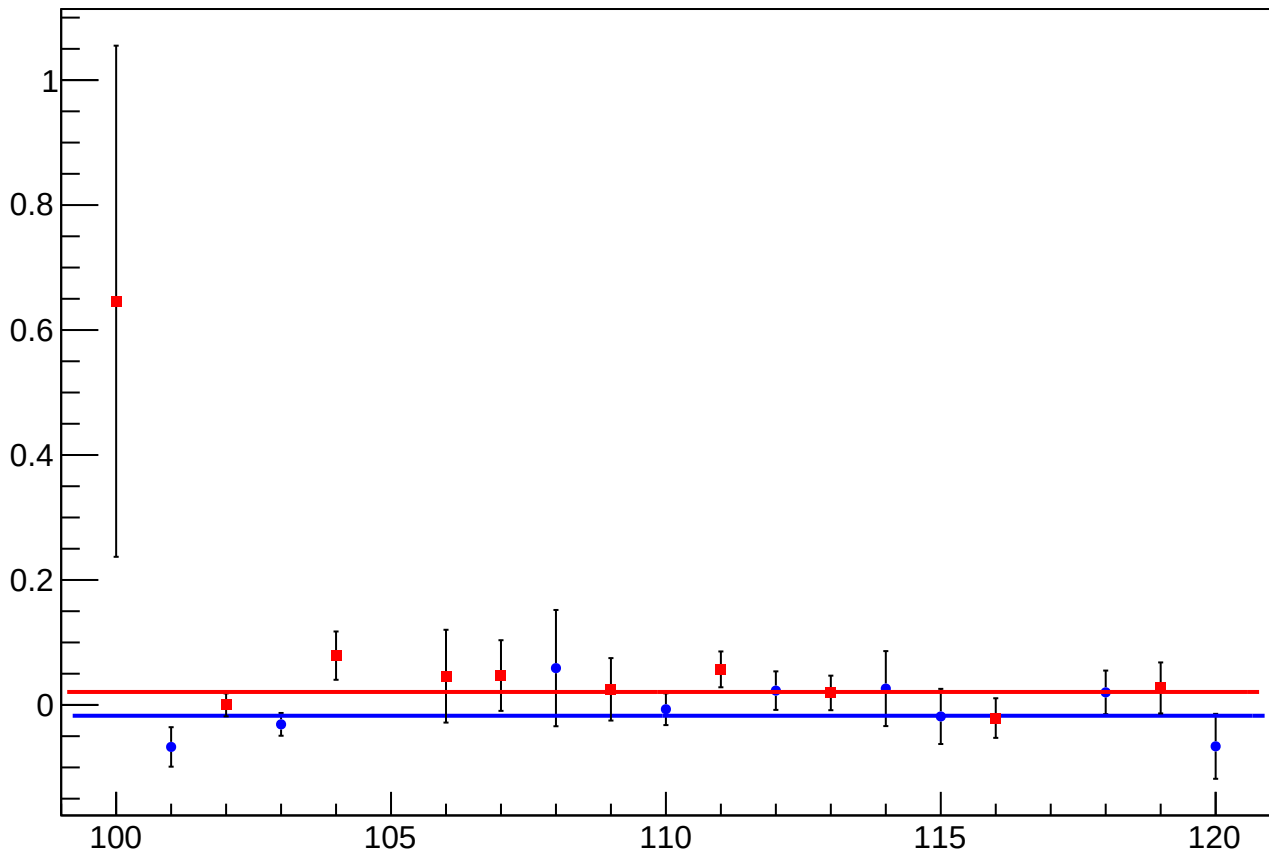
Right: 18.565+/-0.005 χ^2/NDF : 1429330.0/18

In: 18.097+/-0.008 χ^2/NDF : 633827.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.565+/-0.005 χ^2/NDF : 1429330.0/18

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017 $\pm$ 0.011 χ^2 /NDF: 8.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.021 $\pm$ 0.011 χ^2 /NDF: 9.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

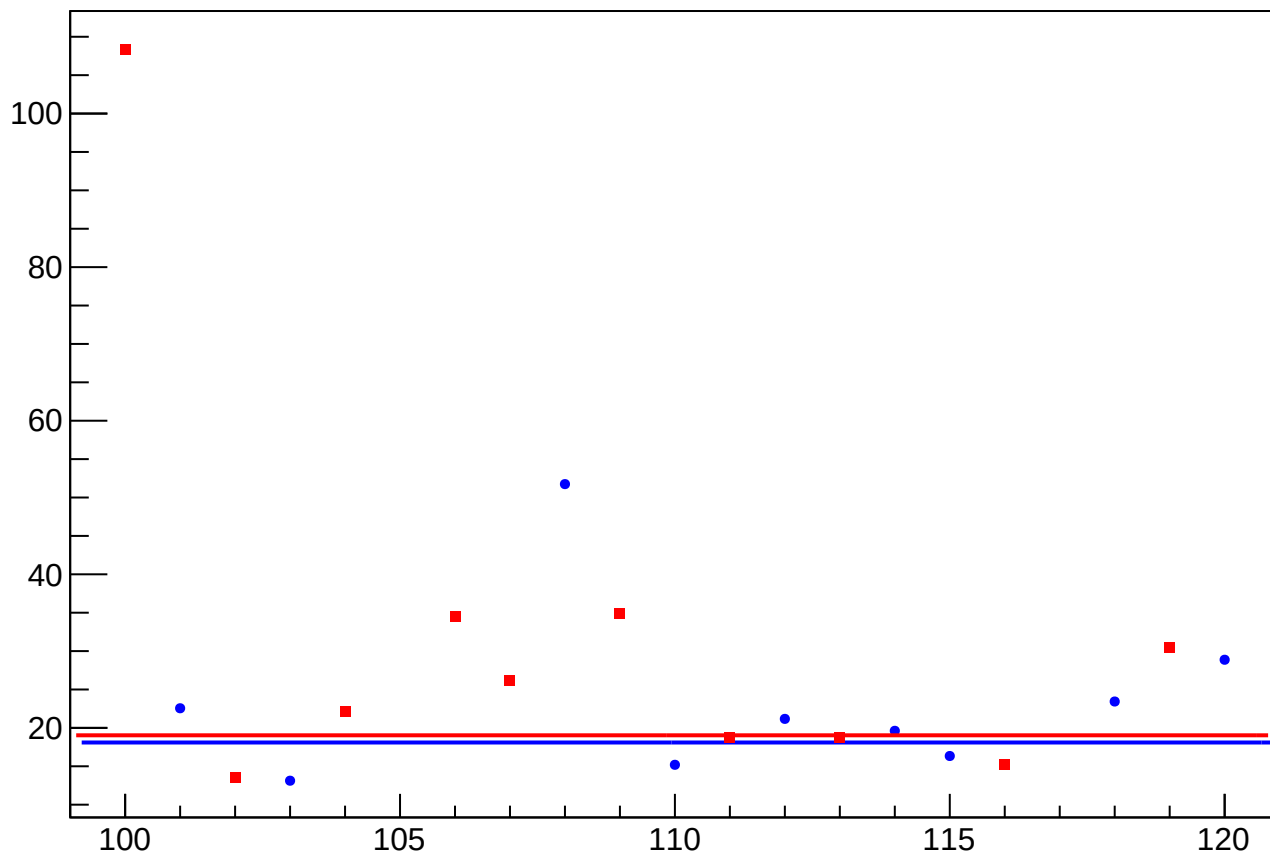
Right: 0.002 $\pm$ 0.008 χ^2 /NDF: 24.0/18

In: -0.017 $\pm$ 0.011 χ^2 /NDF:8.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.008 χ^2 /NDF: 24.0/18

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.097+/-0.008 χ^2/NDF : 633827.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.035+/-0.008 χ^2/NDF : 787863.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

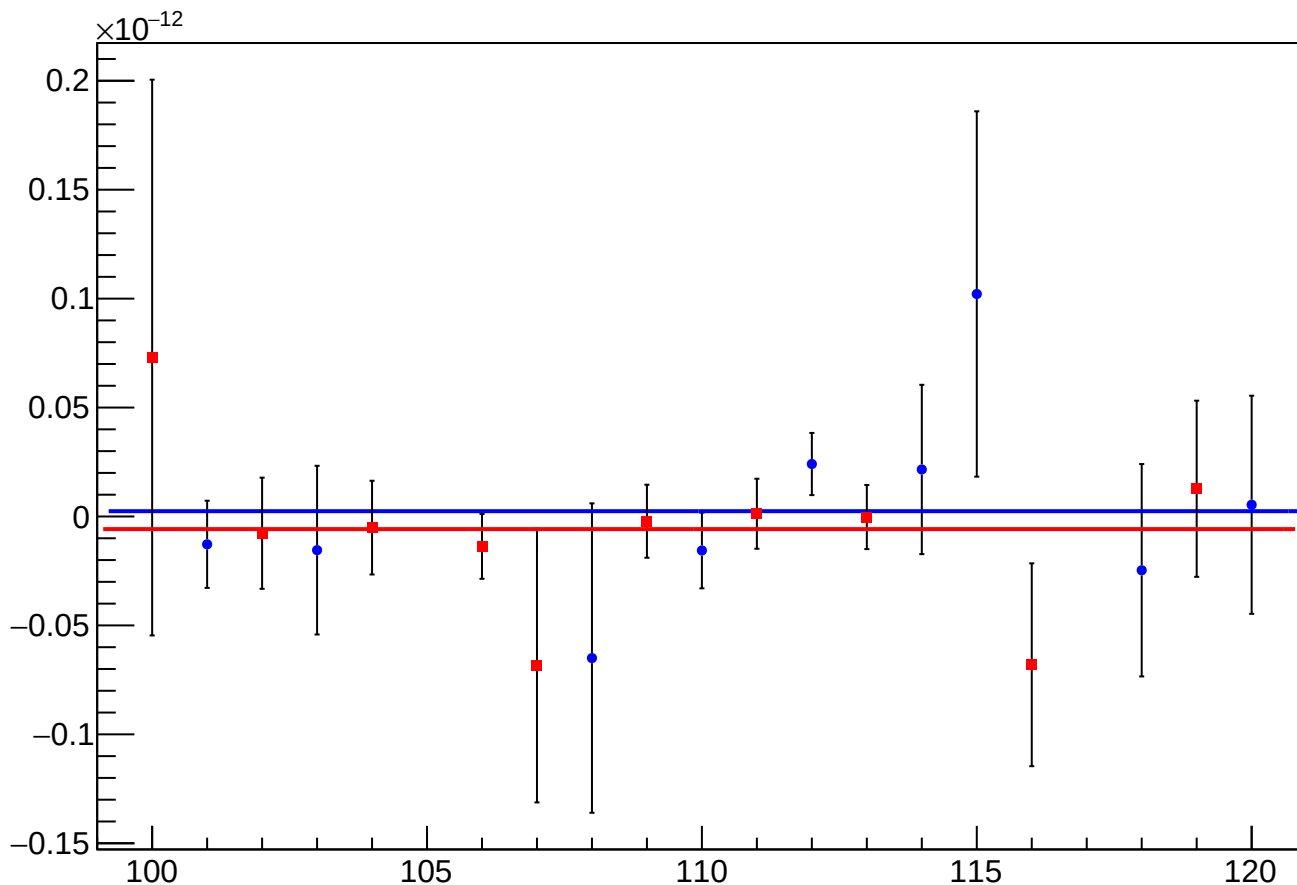
Right: 18.565+/-0.005 χ^2/NDF : 1429330.0/18

In: 18.097+/-0.008 χ^2/NDF : 633827.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.565+/-0.005 χ^2/NDF : 1429330.0/18

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

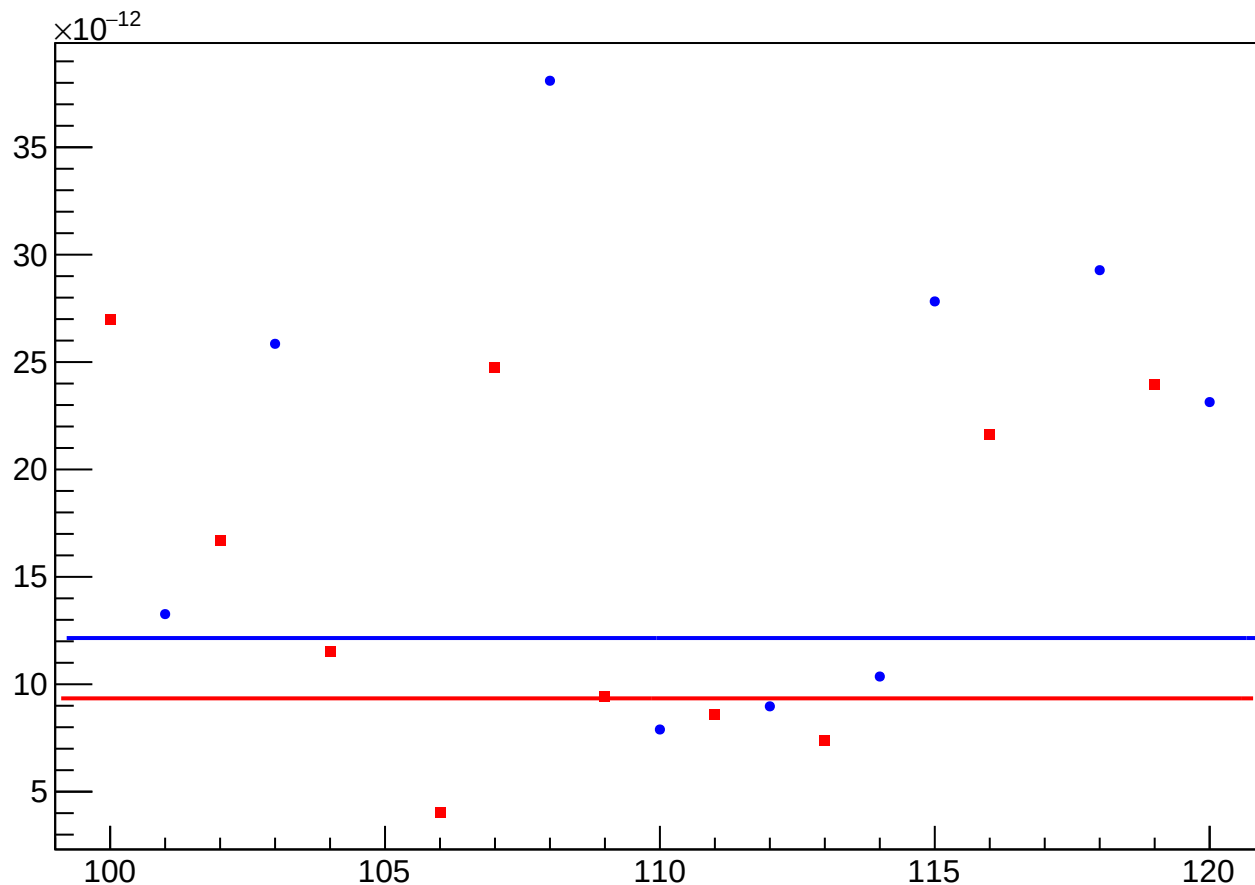
Right: -0.000+/-0.000 χ^2/NDF : 11.6/18

In: 0.000+/-0.000 χ^2/NDF : 7.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.6/18

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1160029.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1042012.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

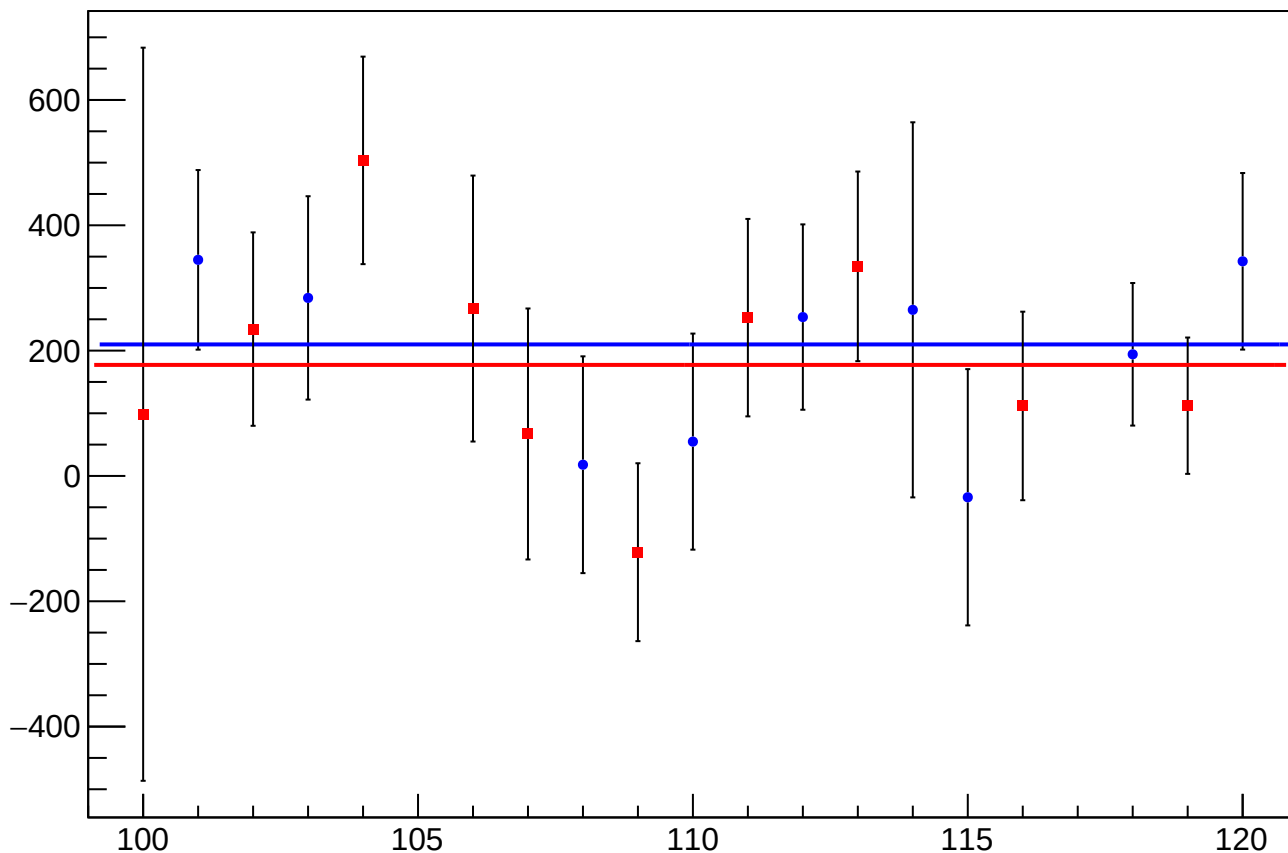
Right: 0.000+/-0.000 χ^2/NDF : 2331441.4/18

In: 0.000+/-0.000 χ^2/NDF : 1160029.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2331441.4/18

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 209.889+/-52.548 χ^2/NDF : 5.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 177.201+/-50.586 χ^2/NDF : 10.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

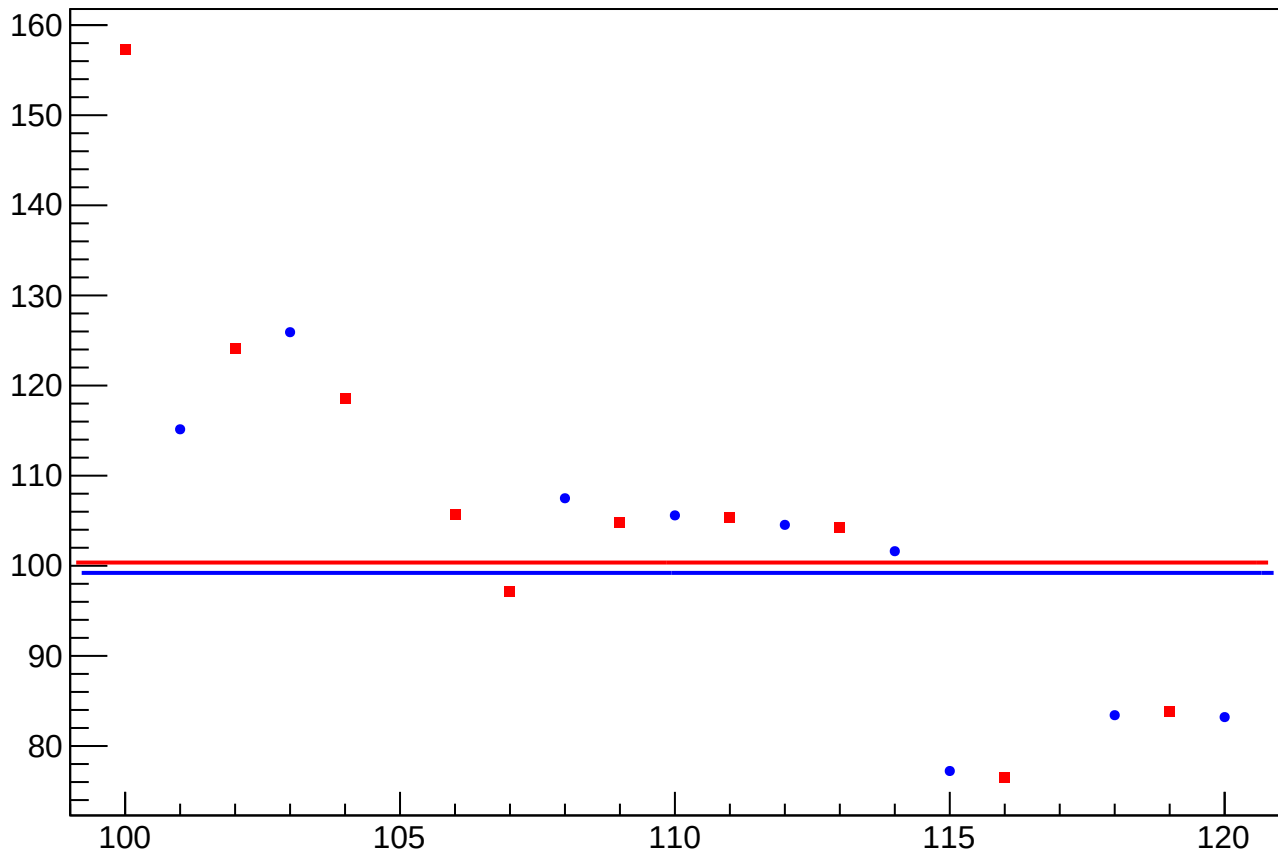
Right: 192.923+/-36.444 χ^2/NDF : 16.6/18

In: 209.889+/-52.548 χ^2/NDF : 5.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 192.923+/-36.444 χ^2/NDF : 16.6/18

reg_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 99.211+/-0.037 χ^2/NDF : 176414.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.360+/-0.036 χ^2/NDF : 194006.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

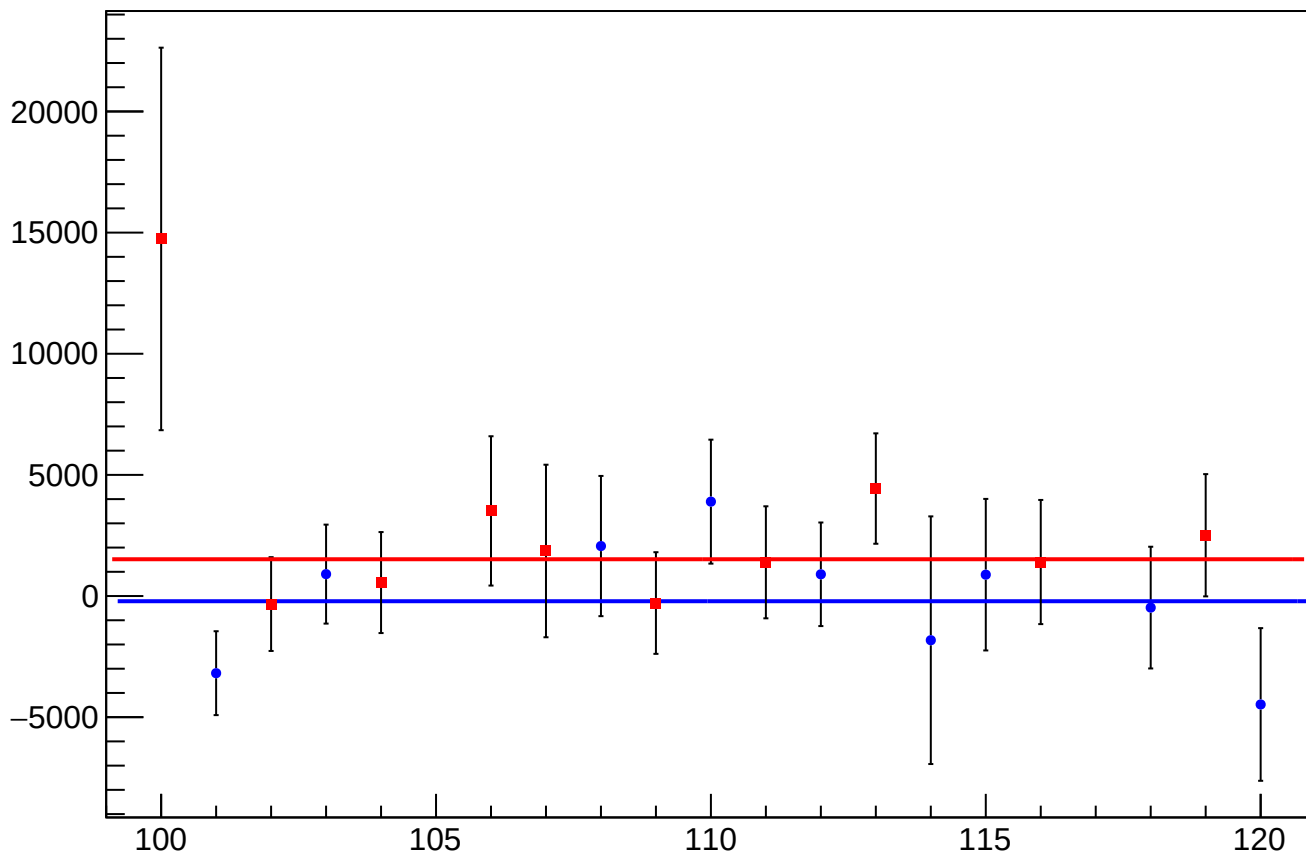
Right: 99.807+/-0.026 χ^2/NDF : 370916.6/18

In: 99.211+/-0.037 χ^2/NDF : 176414.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.807+/-0.026 χ^2/NDF : 370916.6/18

asym_sam_24_68_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -214.215+/-826.410 χ^2 /NDF: 8.8/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1518.210+/-787.202 χ^2 /NDF: 6.9/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

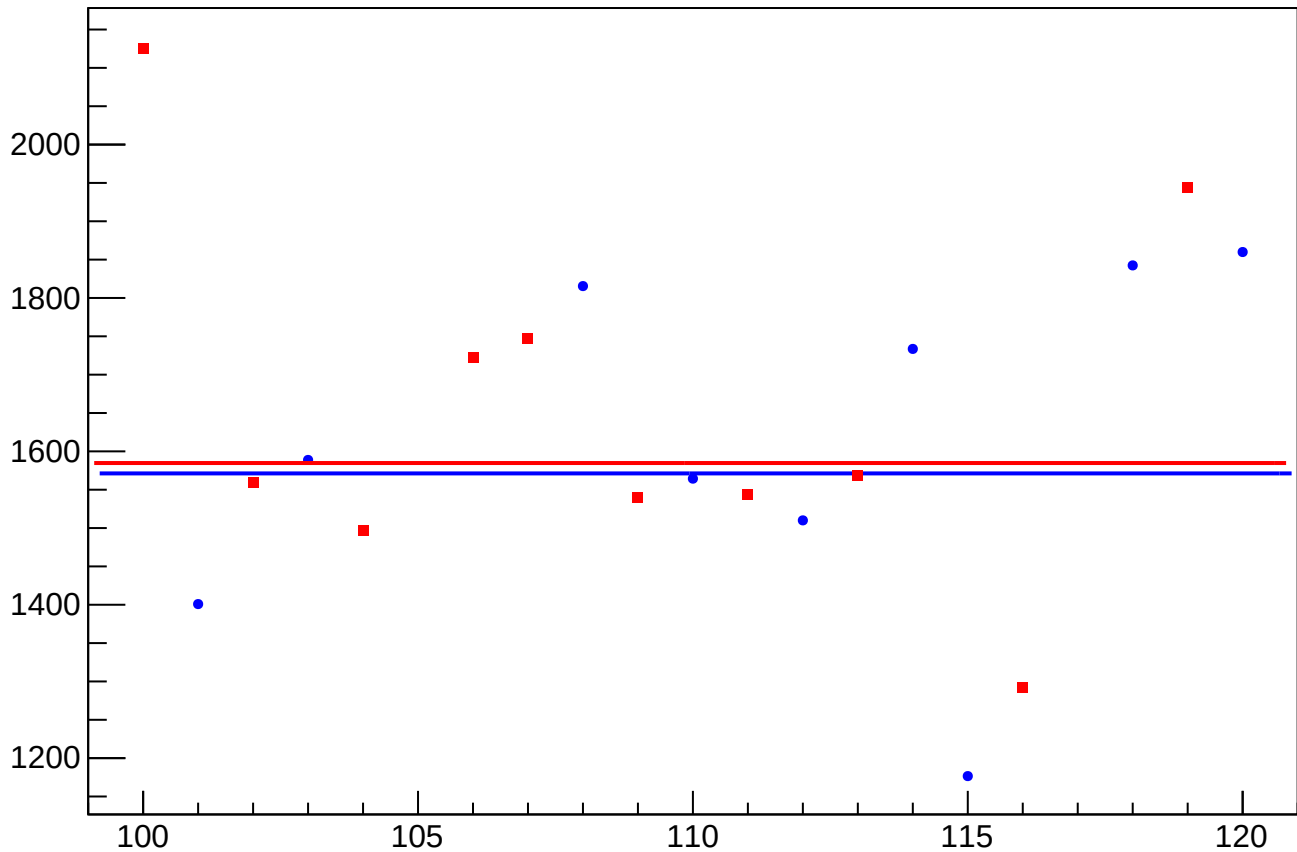
Right: 694.068+/-569.993 χ^2 /NDF: 18.0/18

In: -214.215+/-826.410 χ^2 /NDF:8.8/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 694.068+/-569.993 χ^2 /NDF: 18.0/18

asym_sam_24_68_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1571.248+/-0.584 χ^2/NDF : 109386.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1584.786+/-0.557 χ^2/NDF : 89818.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

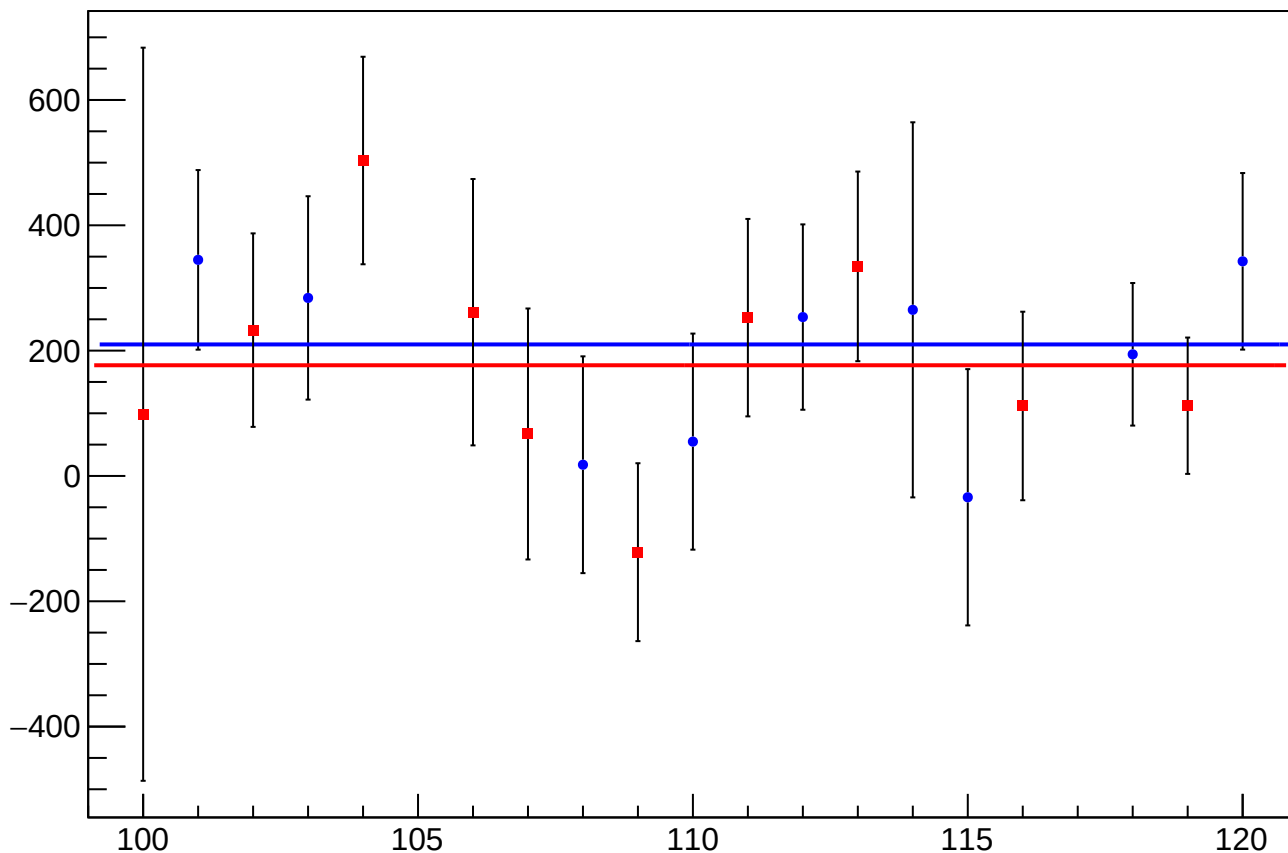
Right: 1578.346+/-0.403 χ^2/NDF : 199486.4/18

In: 1571.248+/-0.584 χ^2/NDF : 109386.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1578.346+/-0.403 χ^2/NDF : 199486.4/18

cor_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 209.888 $\pm$ 52.548 χ^2 /NDF: 5.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 176.650 $\pm$ 50.593 χ^2 /NDF: 10.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

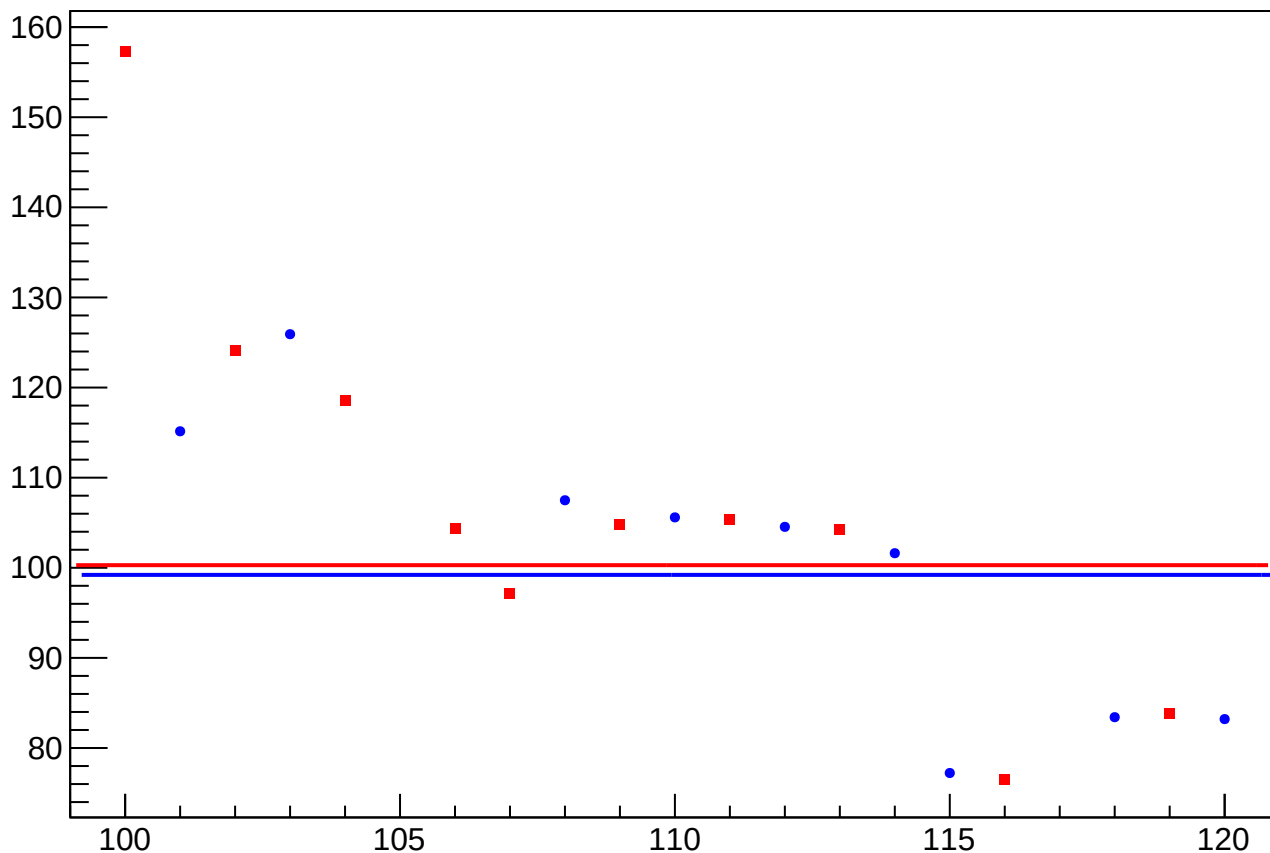
Right: 192.639 $\pm$ 36.446 χ^2 /NDF: 16.6/18

In: 209.888 $\pm$ 52.548 χ^2 /NDF:5.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 192.639 $\pm$ 36.446 χ^2 /NDF: 16.6/18

cor_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 99.211+/-0.037 χ^2/NDF : 176415.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.290+/-0.036 χ^2/NDF : 193654.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

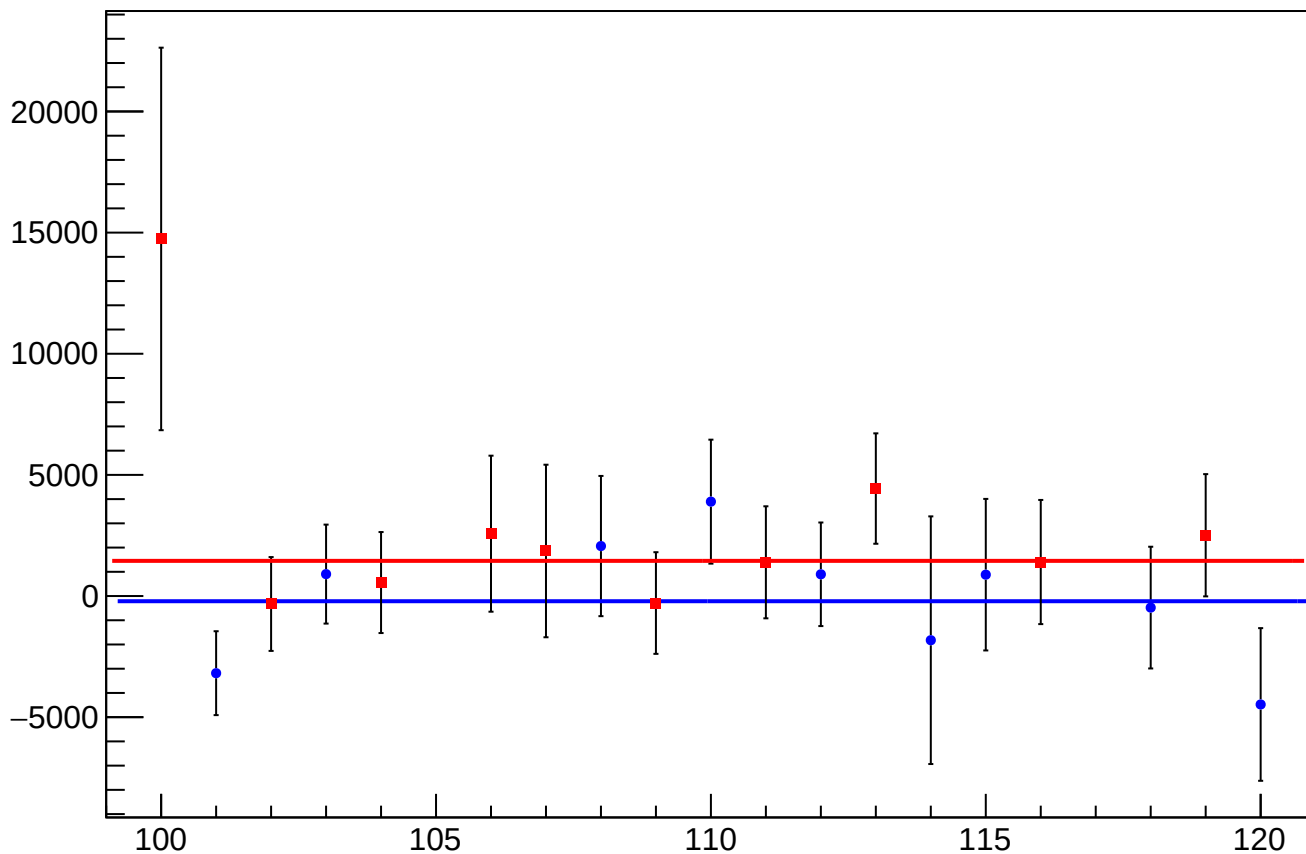
Right: 99.771+/-0.026 χ^2/NDF : 370507.2/18

In: 99.211+/-0.037 χ^2/NDF : 176415.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.771+/-0.026 χ^2/NDF : 370507.2/18

asym_sam_24_68_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -214.142+/-826.415 χ^2/NDF : 8.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1451.507+/-789.425 χ^2/NDF : 6.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

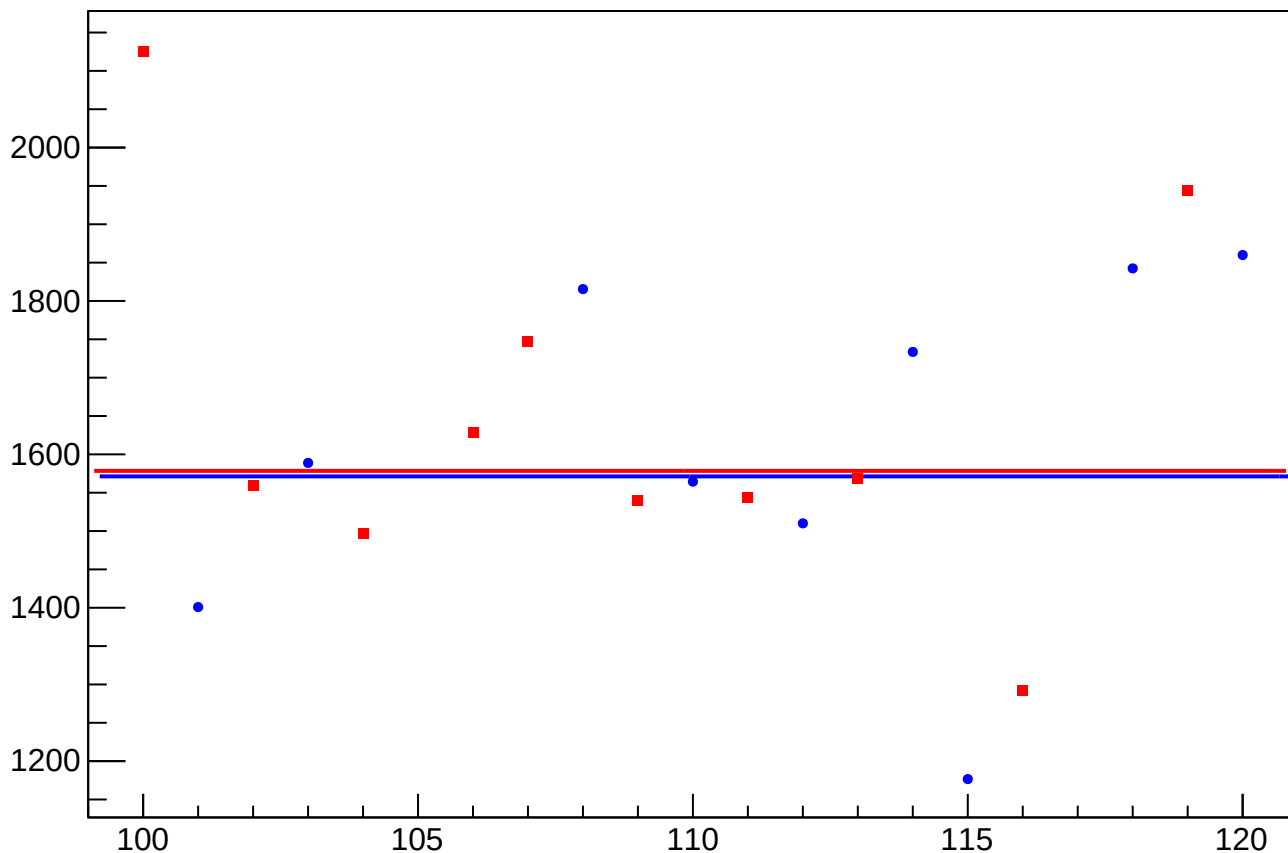
Right: 656.793+/-570.837 χ^2/NDF : 17.5/18

In: -214.142+/-826.415 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 656.793+/-570.837 χ^2/NDF : 17.5/18

asym_sam_24_68_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1571.258+/-0.584 χ^2/NDF : 109387.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1578.482+/-0.558 χ^2/NDF : 86051.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

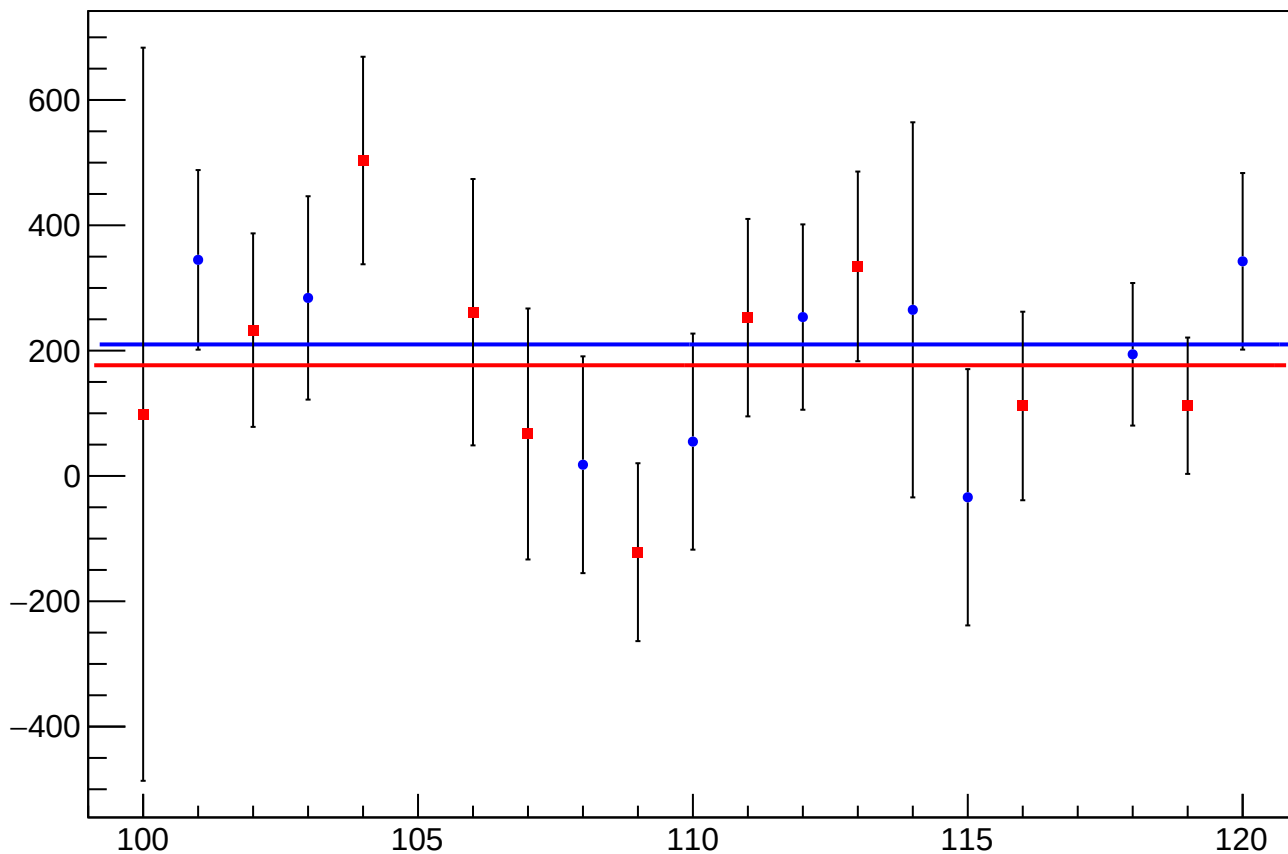
Right: 1575.036+/-0.404 χ^2/NDF : 195519.4/18

In: 1571.258+/-0.584 χ^2/NDF : 109387.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1575.036+/-0.404 χ^2/NDF : 195519.4/18

eigen_cor_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 209.888 $\pm$ 52.548 χ^2 /NDF: 5.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 176.650 $\pm$ 50.593 χ^2 /NDF: 10.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

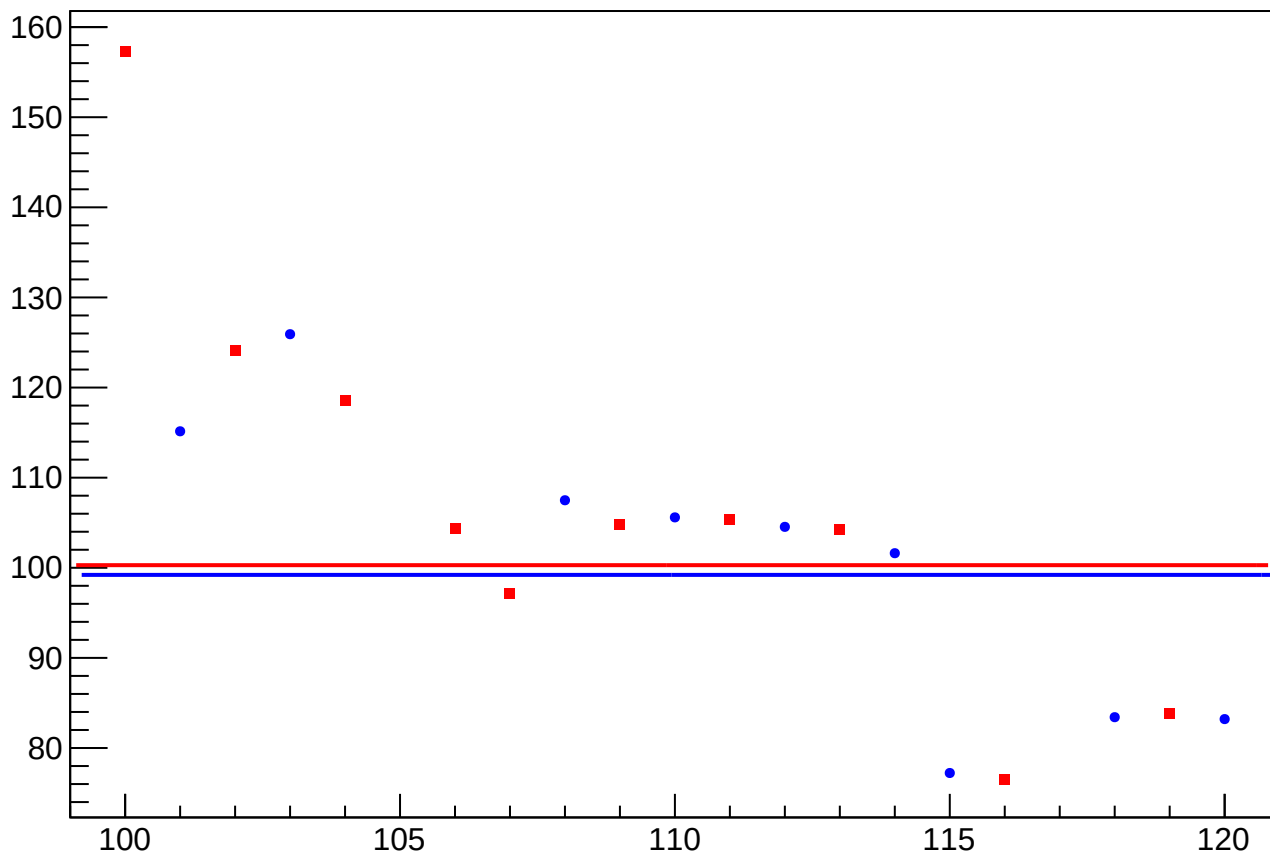
Right: 192.639 $\pm$ 36.446 χ^2 /NDF: 16.6/18

In: 209.888 $\pm$ 52.548 χ^2 /NDF:5.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 192.639 $\pm$ 36.446 χ^2 /NDF: 16.6/18

eigen_cor_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 99.211+/-0.037 χ^2/NDF : 176415.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.290+/-0.036 χ^2/NDF : 193654.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

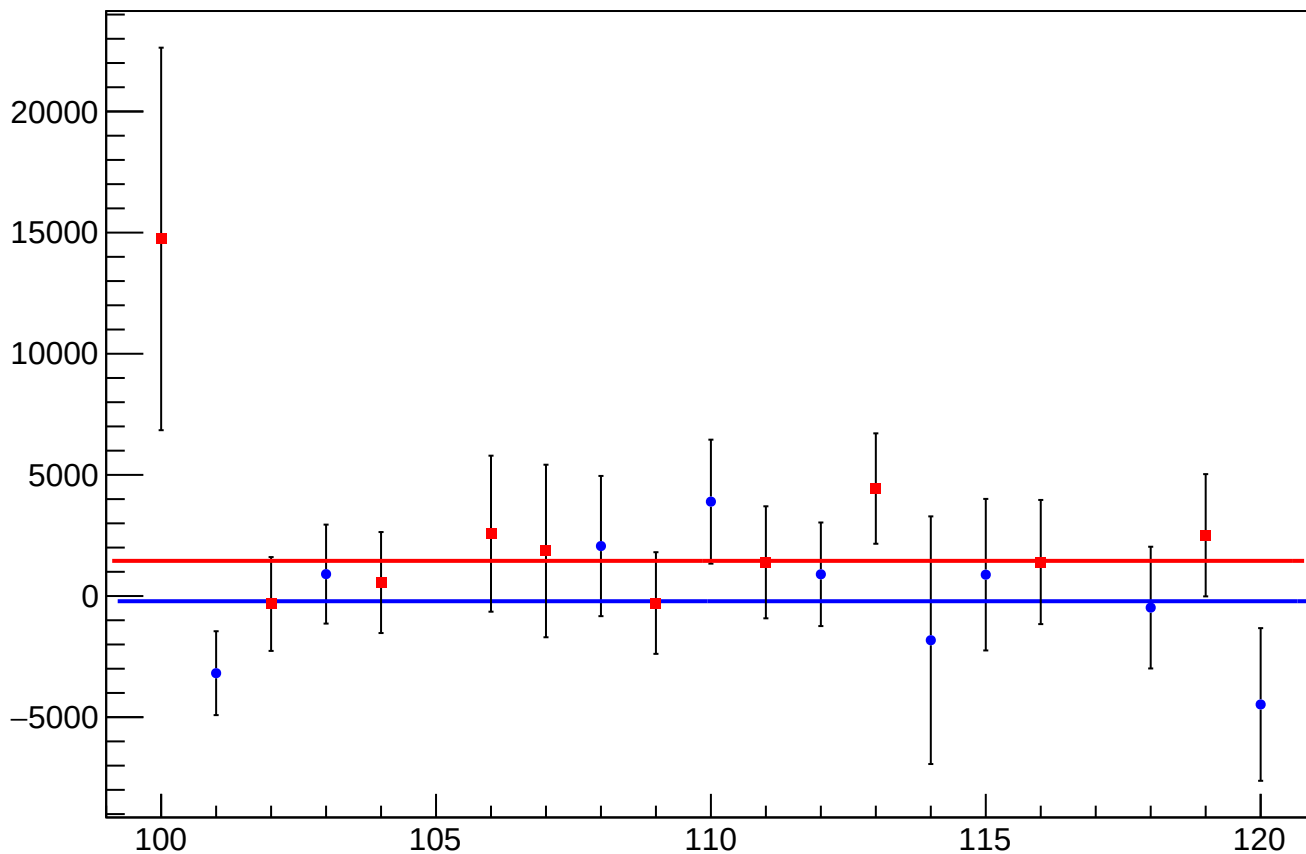
Right: 99.771+/-0.026 χ^2/NDF : 370507.2/18

In: 99.211+/-0.037 χ^2/NDF : 176415.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.771+/-0.026 χ^2/NDF : 370507.2/18

asym_sam_24_68_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -214.142+/-826.415 χ^2/NDF : 8.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1451.507+/-789.425 χ^2/NDF : 6.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

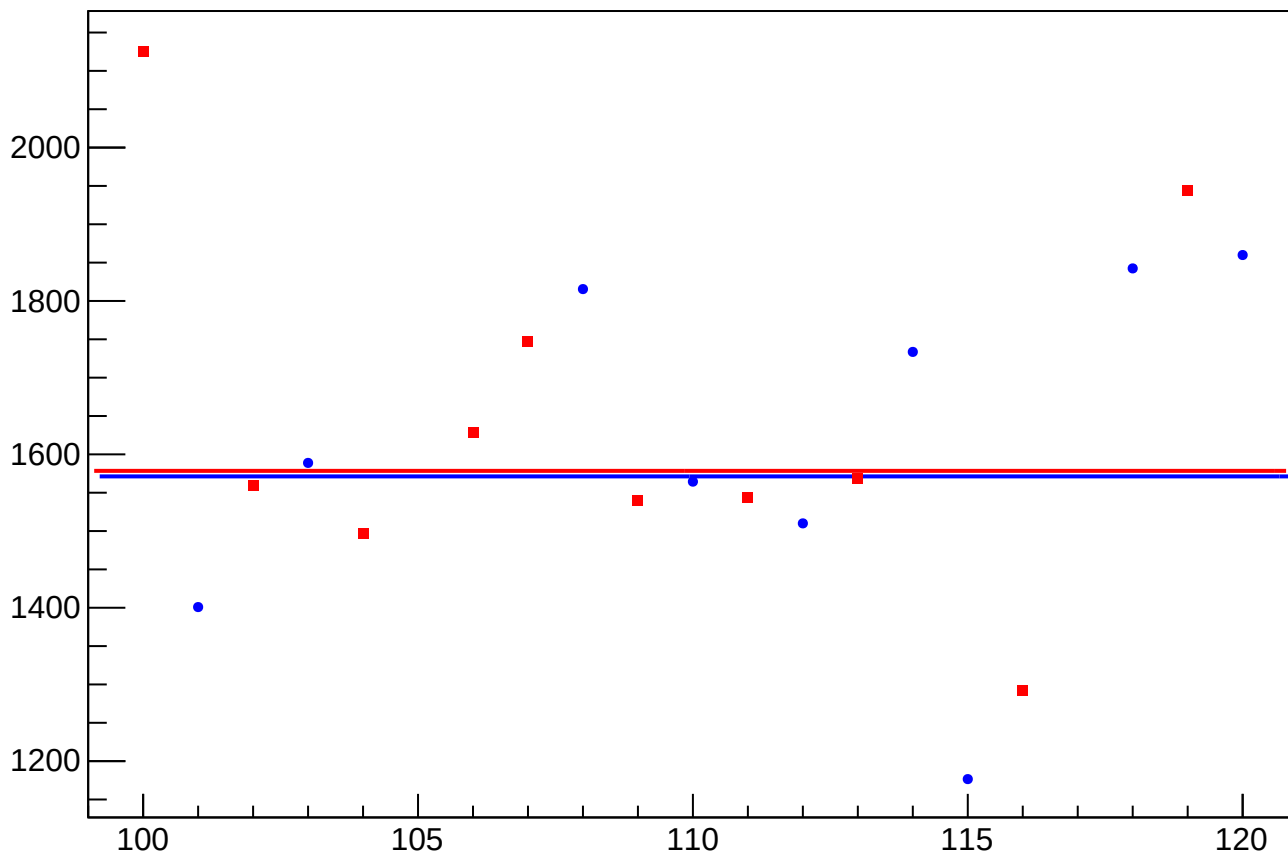
Right: 656.793+/-570.837 χ^2/NDF : 17.5/18

In: -214.142+/-826.415 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 656.793+/-570.837 χ^2/NDF : 17.5/18

asym_sam_24_68_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1571.258+/-0.584 χ^2/NDF : 109387.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1578.482+/-0.558 χ^2/NDF : 86051.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

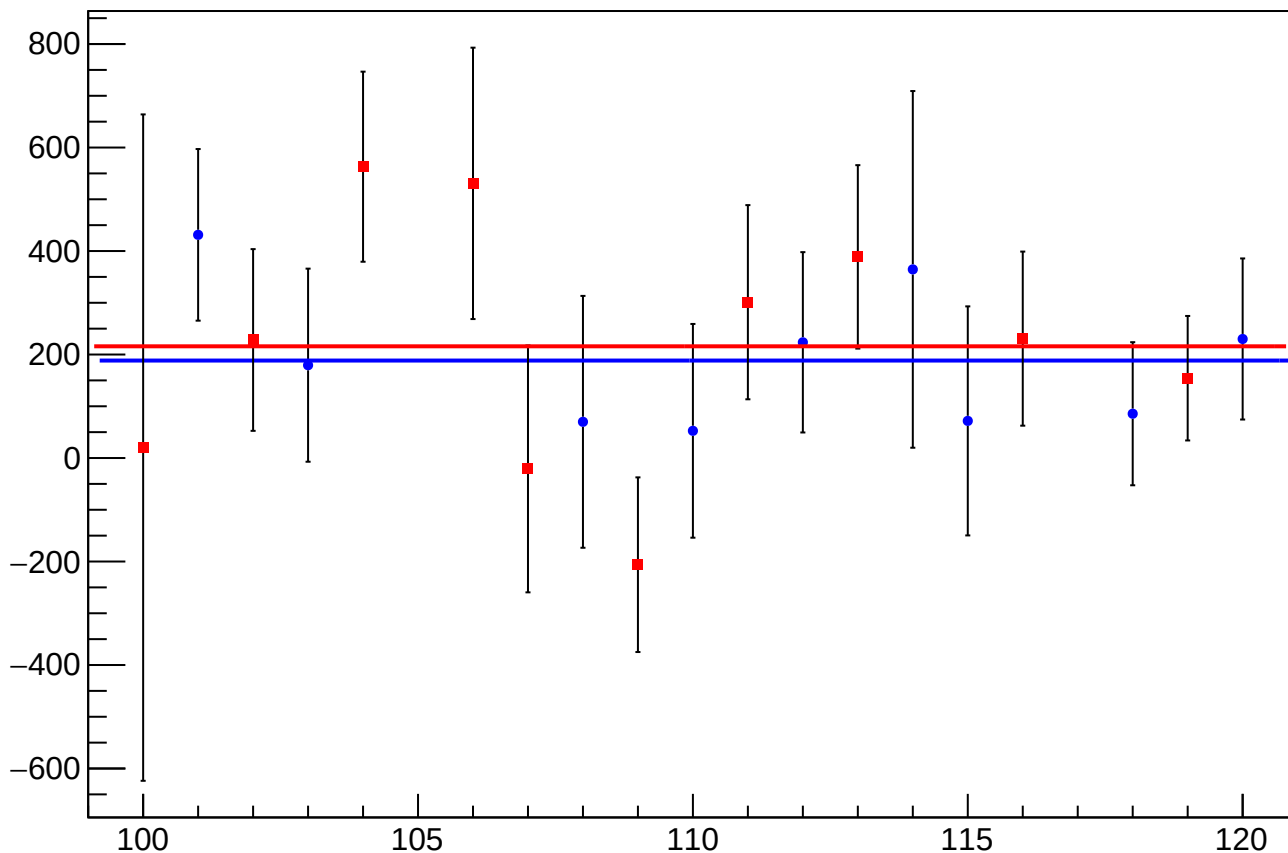
Right: 1575.036+/-0.404 χ^2/NDF : 195519.4/18

In: 1571.258+/-0.584 χ^2/NDF : 109387.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1575.036+/-0.404 χ^2/NDF : 195519.4/18

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 188.361+/-61.924 χ^2/NDF : 4.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 215.888+/-58.084 χ^2/NDF : 13.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

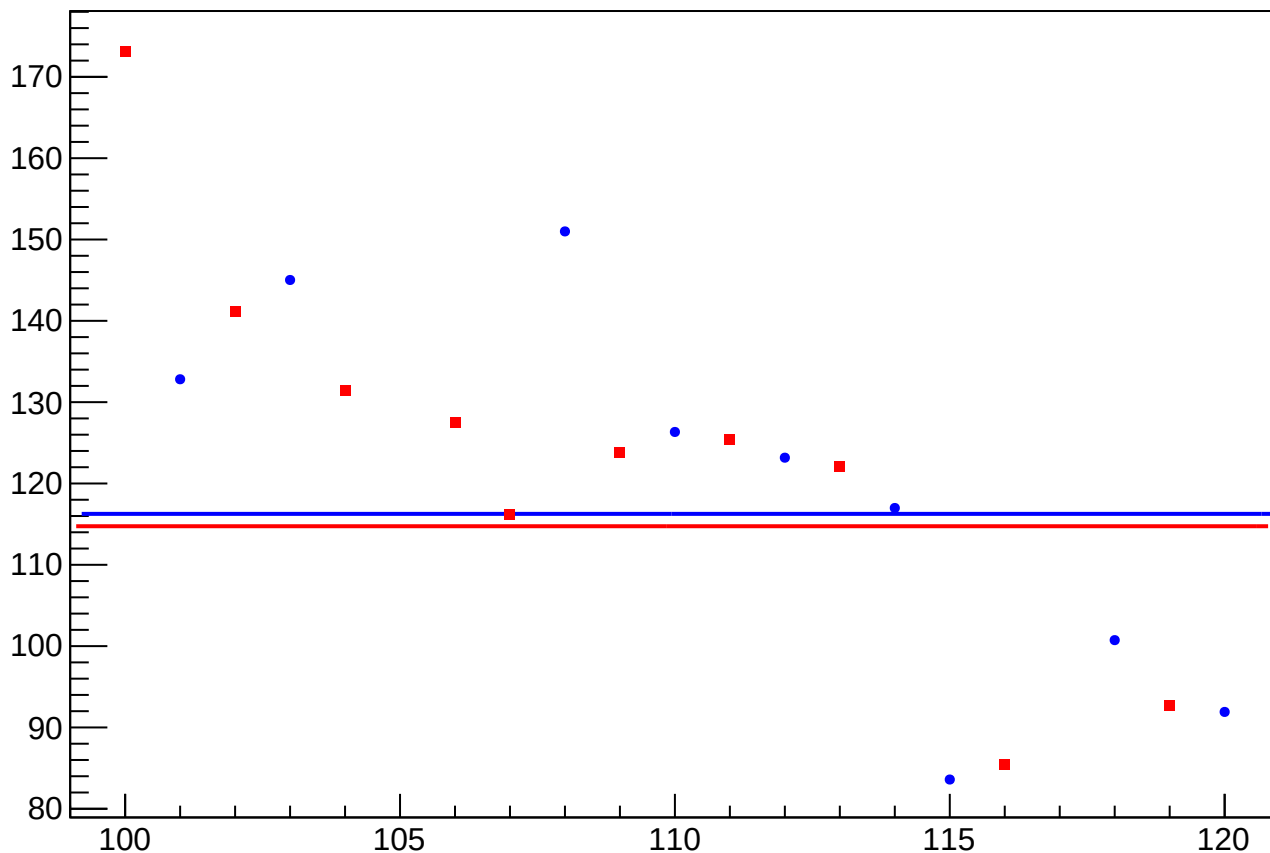
Right: 203.005+/-42.364 χ^2/NDF : 17.9/18

In: 188.361+/-61.924 χ^2/NDF : 4.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.005+/-42.364 χ^2/NDF : 17.9/18

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 116.264 $\pm$ 0.044 χ^2 /NDF: 233872.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 114.743 $\pm$ 0.041 χ^2 /NDF: 226514.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

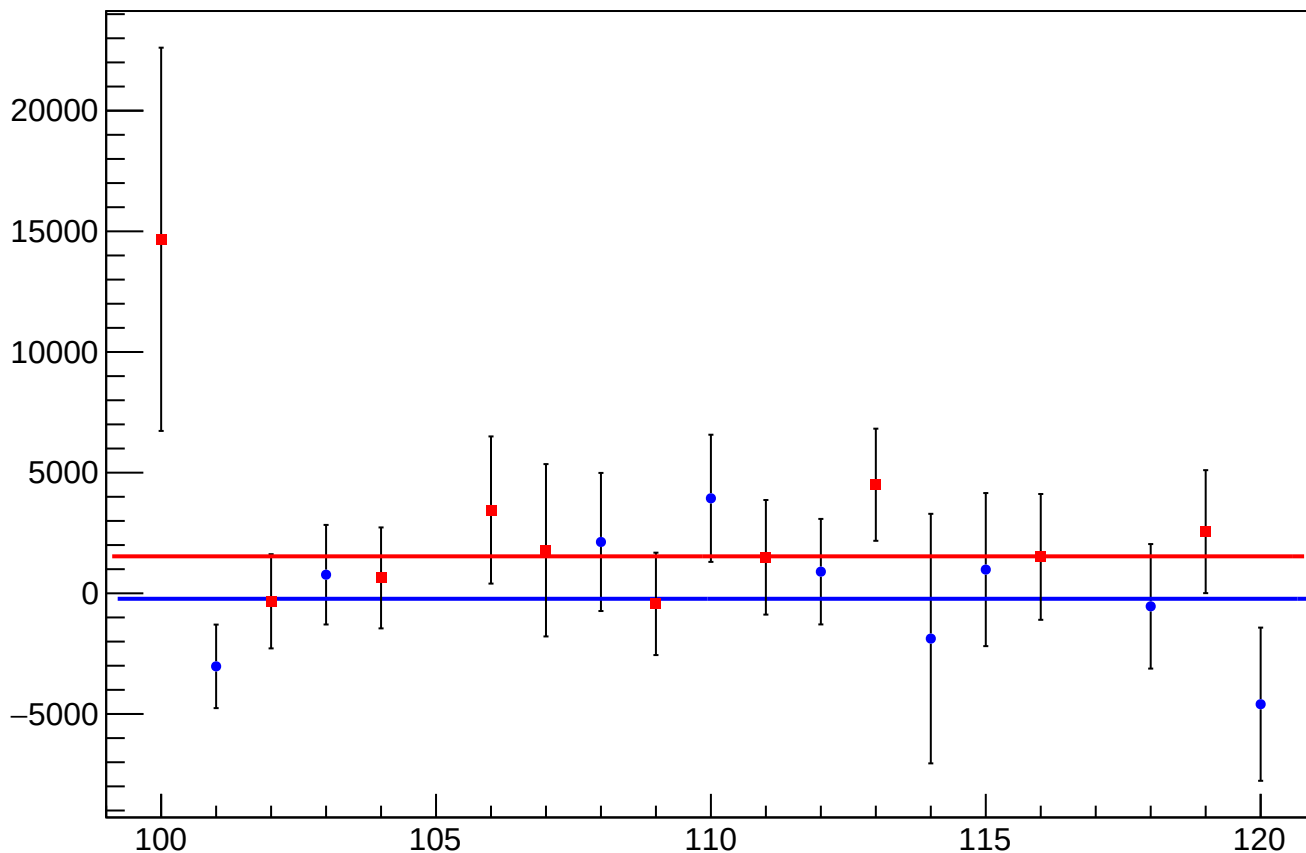
Right: 115.455 $\pm$ 0.030 χ^2 /NDF: 461028.9/18

In: 116.264 $\pm$ 0.044 χ^2 /NDF:233872.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 115.455 $\pm$ 0.030 χ^2 /NDF: 461028.9/18

asym_sam_24_68_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -226.473+/-836.078 χ^2/NDF : 8.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1532.531+/-795.849 χ^2/NDF : 6.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

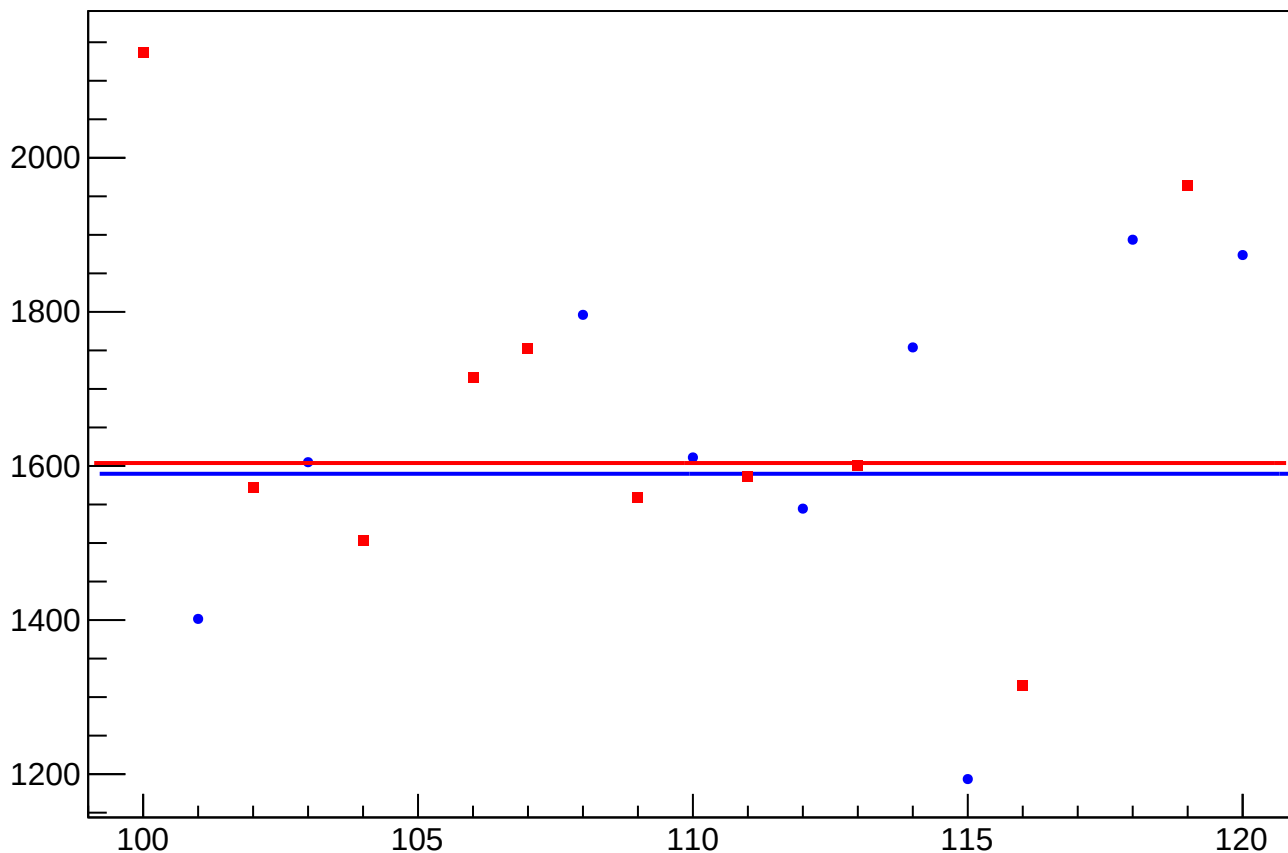
Right: 696.364+/-576.448 χ^2/NDF : 17.7/18

In: -226.473+/-836.078 χ^2/NDF : 8.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 696.364+/-576.448 χ^2/NDF : 17.7/18

asym_sam_24_68_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1589.868+/-0.591 χ^2/NDF : 112141.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1603.831+/-0.563 χ^2/NDF : 85853.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

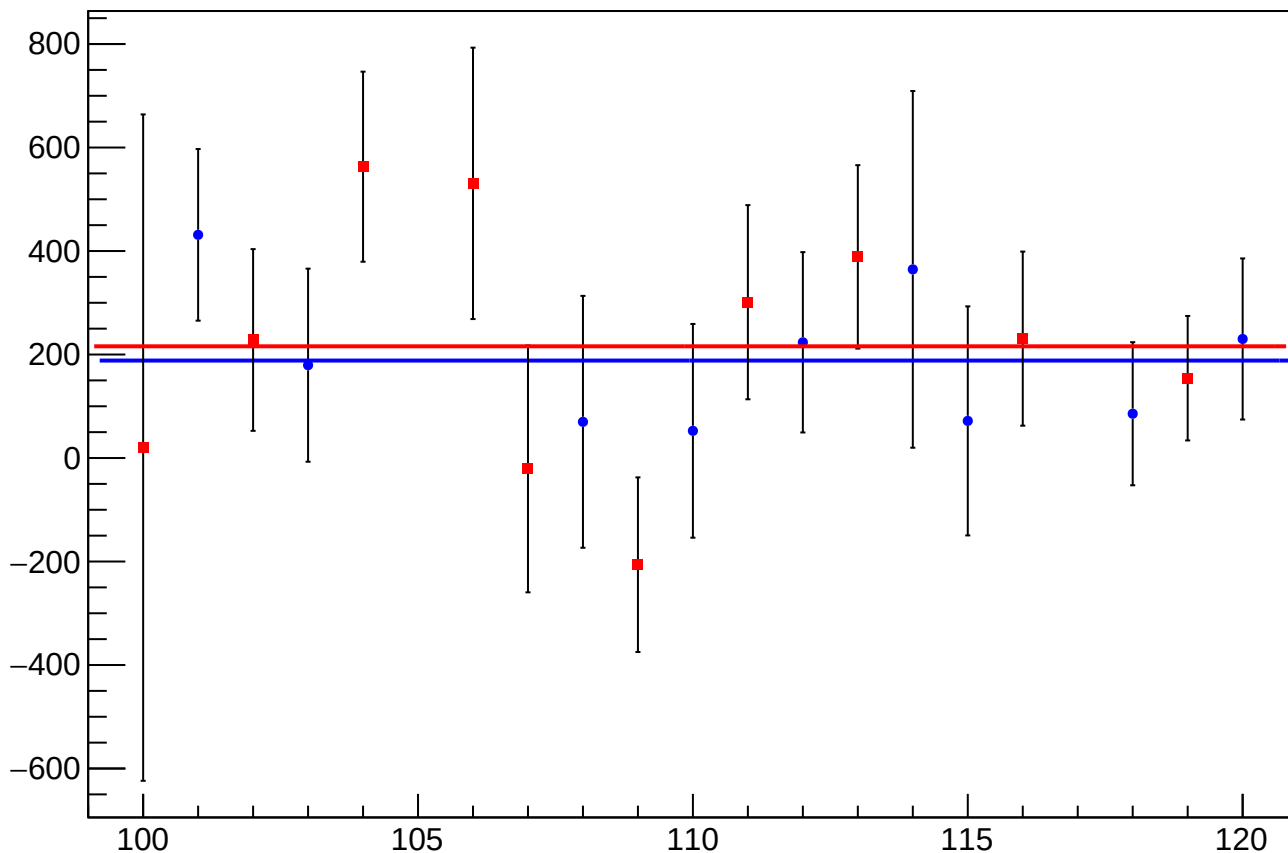
Right: 1597.194+/-0.408 χ^2/NDF : 198287.7/18

In: 1589.868+/-0.591 χ^2/NDF : 112141.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1597.194+/-0.408 χ^2/NDF : 198287.7/18

eigen_dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 188.361+/-61.923 χ^2/NDF : 4.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 215.884+/-58.083 χ^2/NDF : 13.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

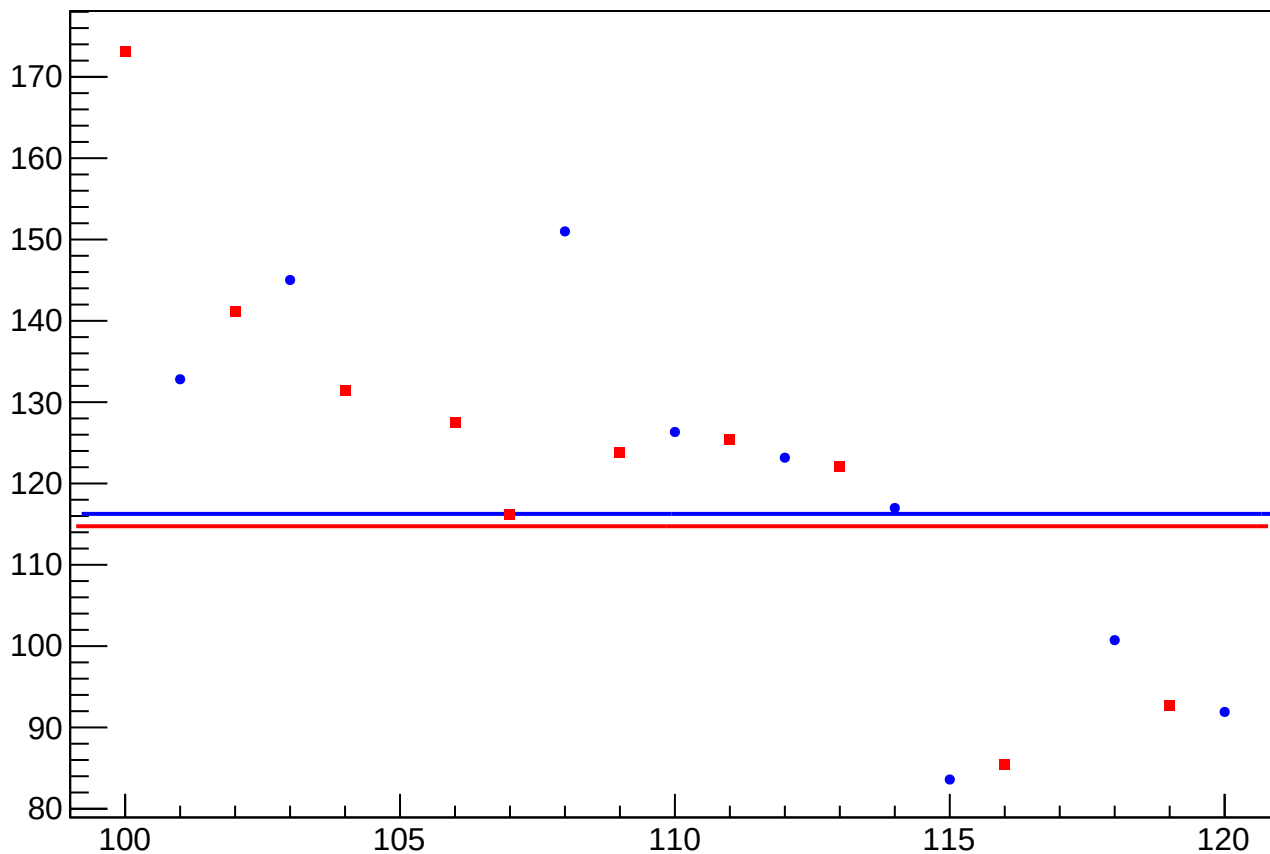
Right: 203.002+/-42.364 χ^2/NDF : 17.9/18

In: 188.361+/-61.923 χ^2/NDF : 4.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.002+/-42.364 χ^2/NDF : 17.9/18

eigen_dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 116.263 $\pm$ 0.044 χ^2 /NDF: 233876.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 114.742 $\pm$ 0.041 χ^2 /NDF: 226513.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

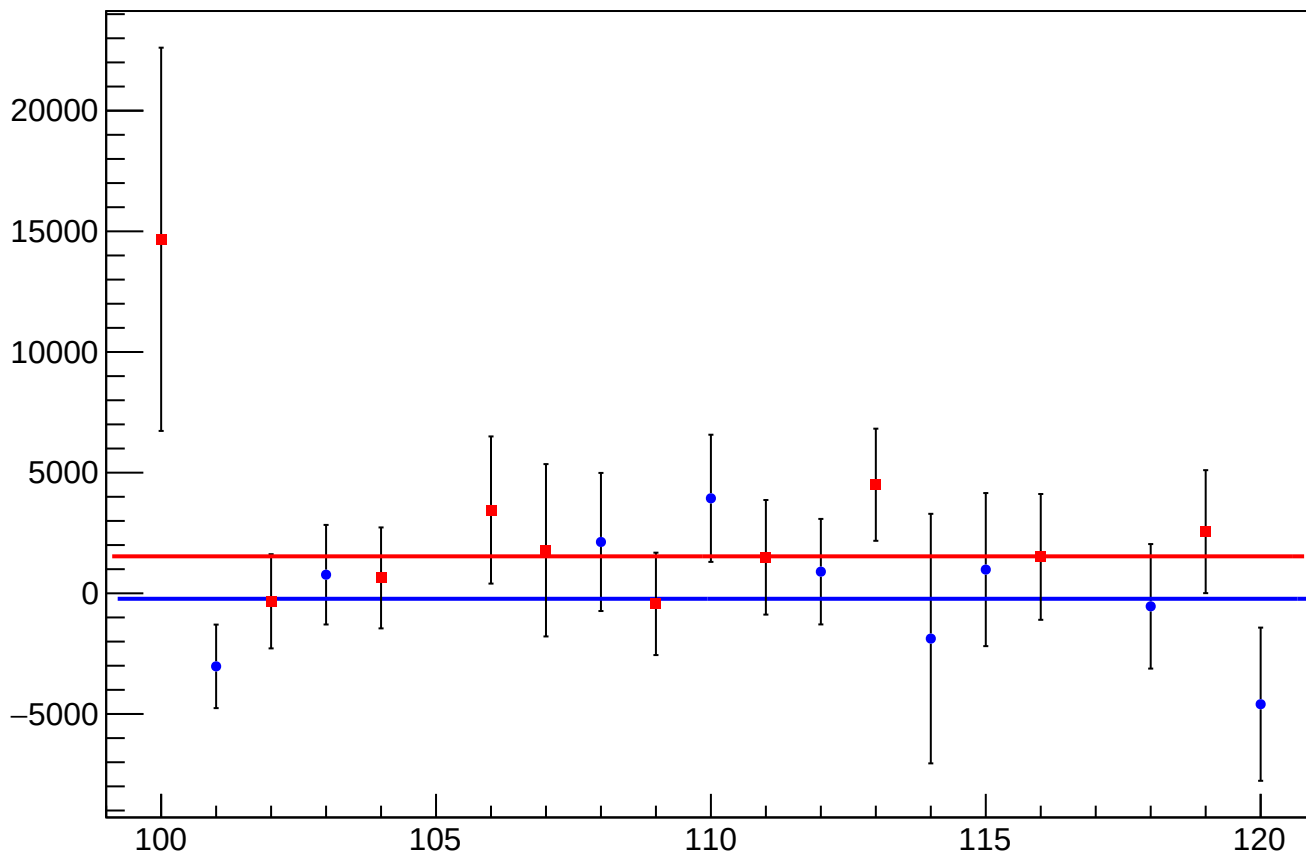
Right: 115.454 $\pm$ 0.030 χ^2 /NDF: 461031.4/18

In: 116.263 $\pm$ 0.044 χ^2 /NDF:233876.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 115.454 $\pm$ 0.030 χ^2 /NDF: 461031.4/18

asym_sam_24_68_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -226.470+/-836.076 χ^2/NDF : 8.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1532.528+/-795.848 χ^2/NDF : 6.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

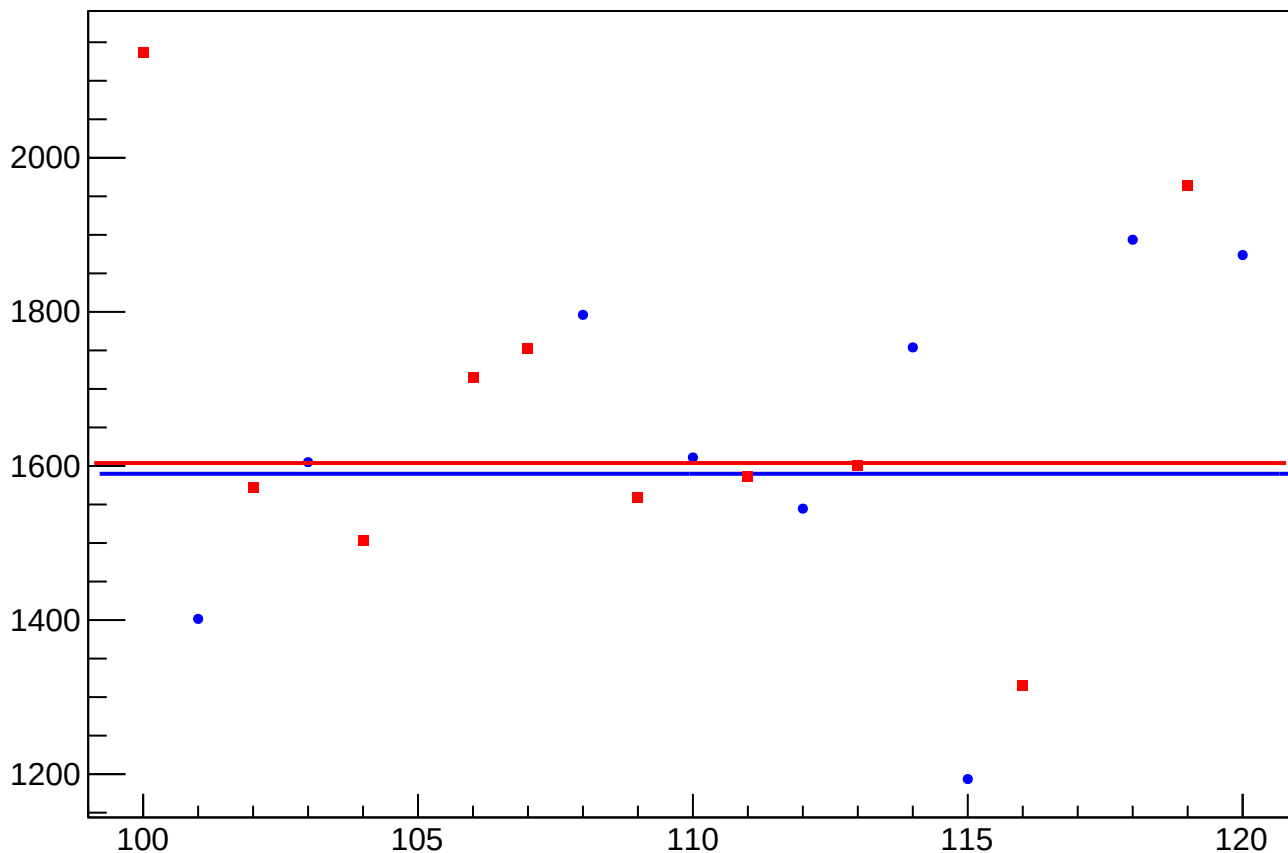
Right: 696.364+/-576.446 χ^2/NDF : 17.7/18

In: -226.470+/-836.076 χ^2/NDF : 8.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 696.364+/-576.446 χ^2/NDF : 17.7/18

asym_sam_24_68_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1589.865+/-0.591 χ^2/NDF : 112140.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1603.828+/-0.563 χ^2/NDF : 85853.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

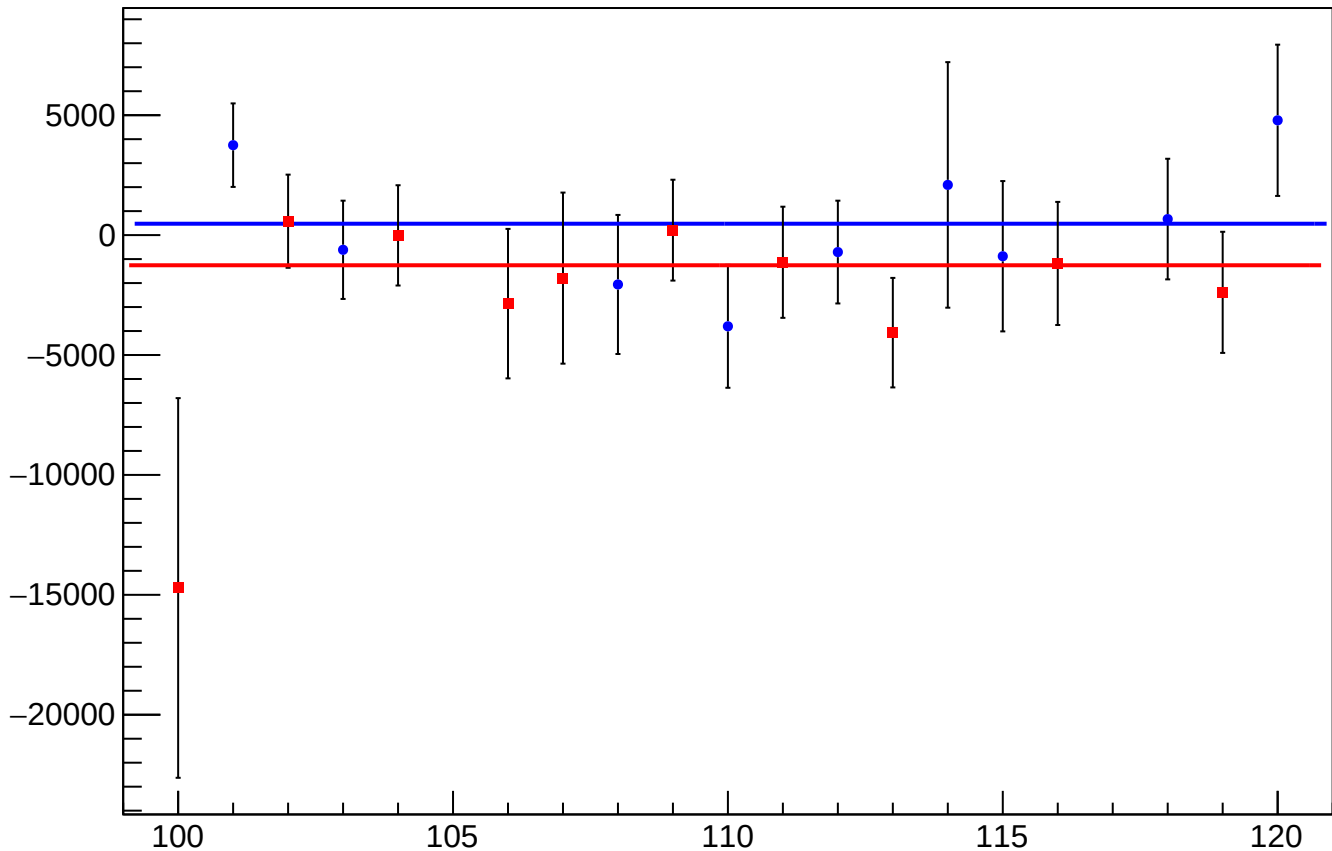
Right: 1597.190+/-0.408 χ^2/NDF : 198286.7/18

In: 1589.865+/-0.591 χ^2/NDF : 112140.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1597.190+/-0.408 χ^2/NDF : 198286.7/18

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 474.463+/-828.893 χ^2/NDF : 9.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1257.631+/-789.557 χ^2/NDF : 6.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

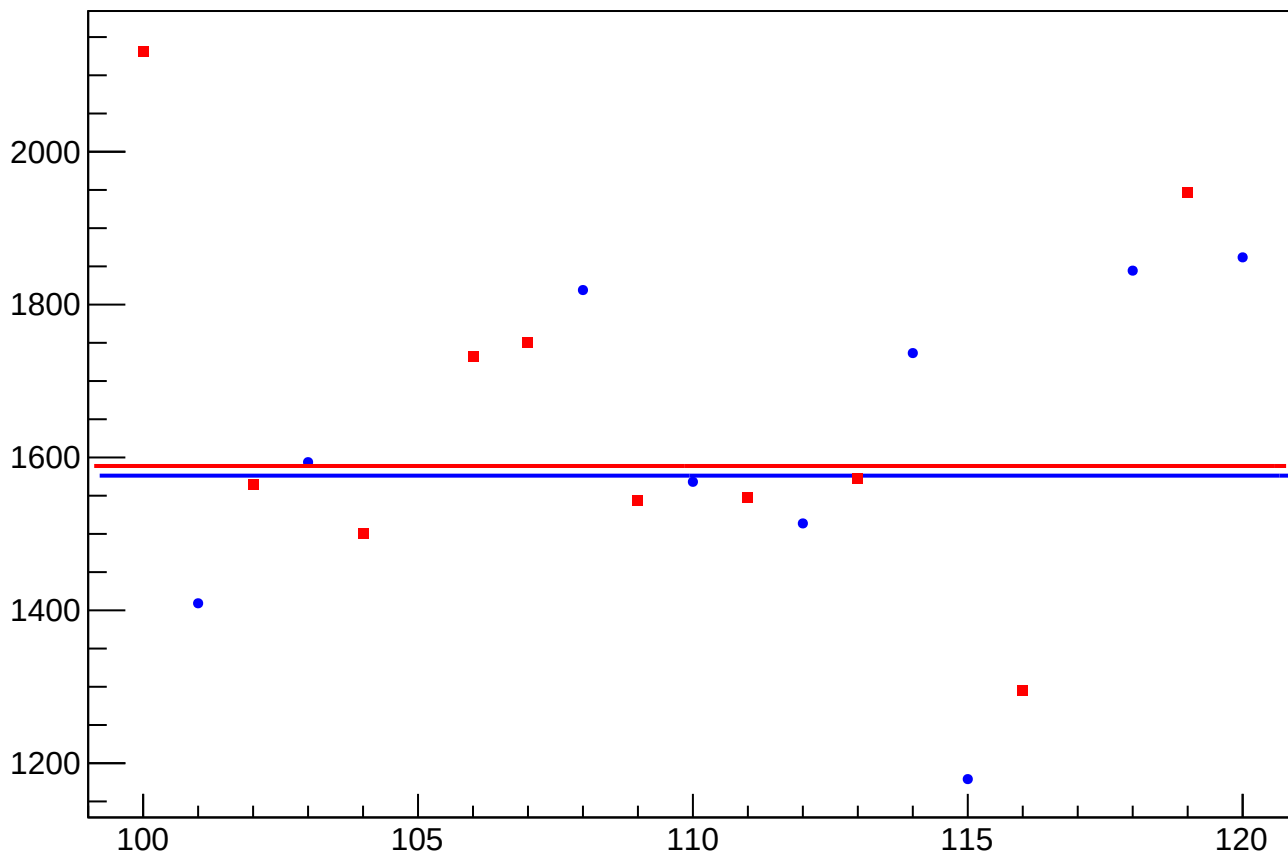
Right: -433.657+/-571.702 χ^2/NDF : 18.8/18

In: 474.463+/-828.893 χ^2/NDF : 9.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -433.657+/-571.702 χ^2/NDF : 18.8/18

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1576.216+/-0.586 χ^2/NDF : 107489.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1588.861+/-0.558 χ^2/NDF : 89516.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

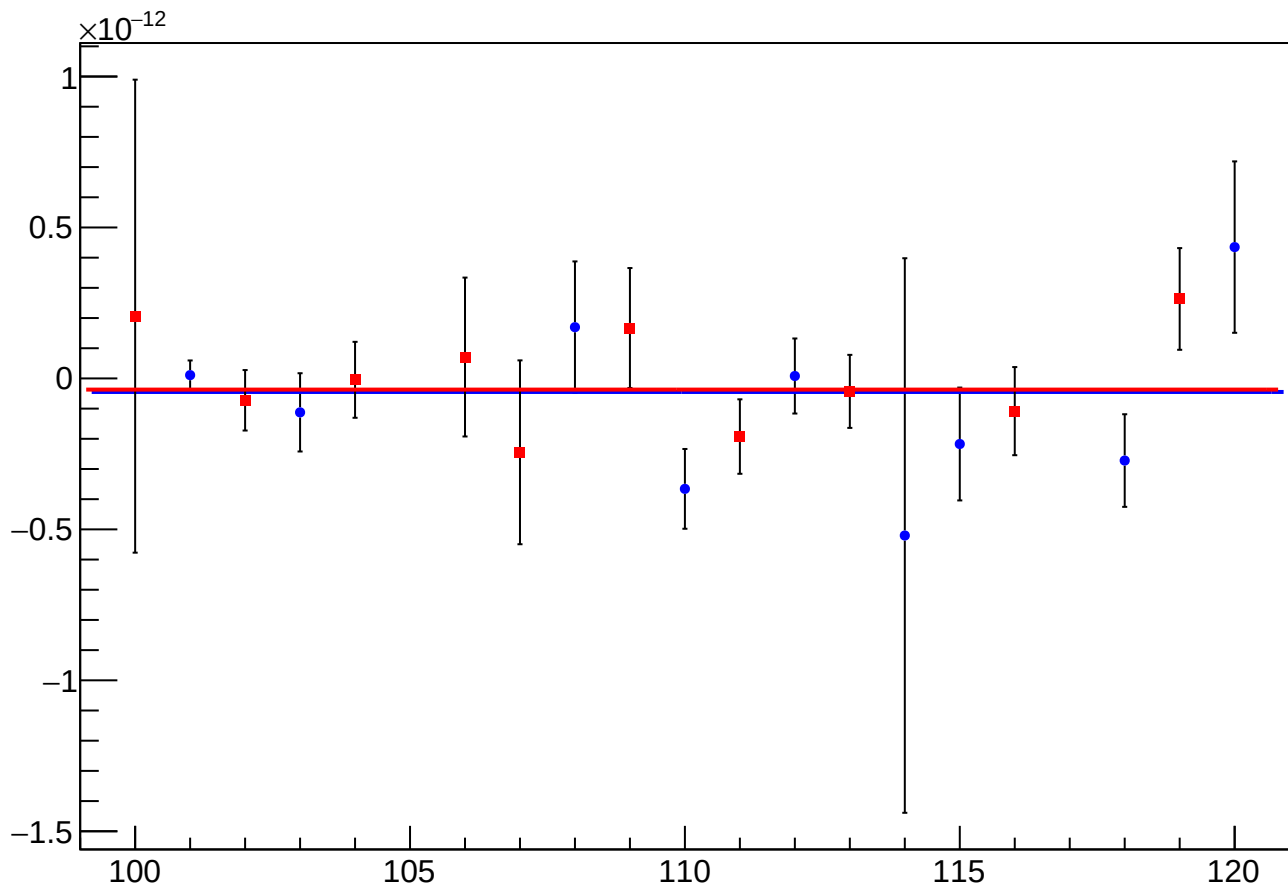
Right: 1582.846+/-0.404 χ^2/NDF : 197249.9/18

In: 1576.216+/-0.586 χ^2/NDF : 107489.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1582.846+/-0.404 χ^2/NDF : 197249.9/18

asym_sam_24_68_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 14.8/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 7.0/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

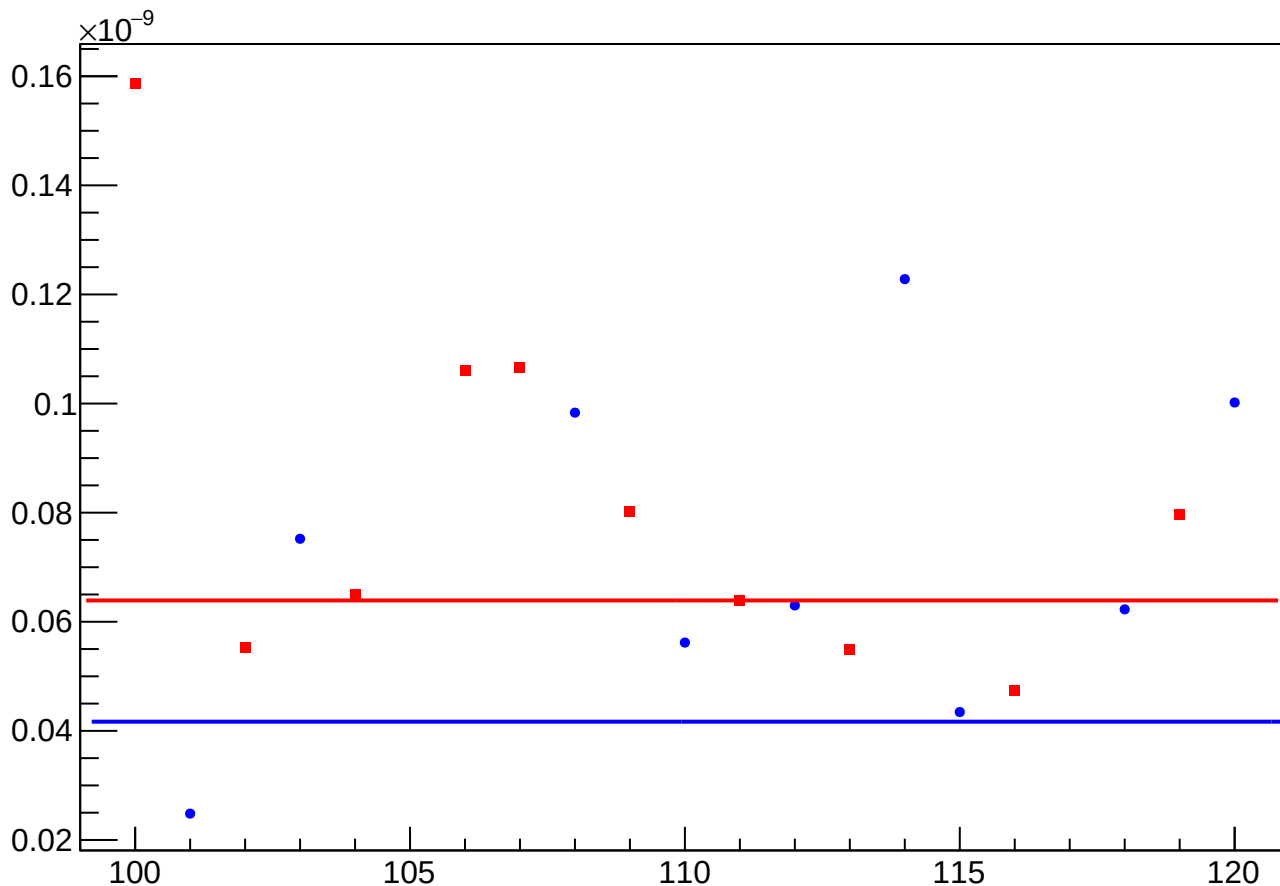
Right: -0.000+/-0.000 χ^2 /NDF: 21.8/18

In: -0.000+/-0.000 χ^2 /NDF:14.8/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 21.8/18

asym_sam_24_68_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 729530.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 202006.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

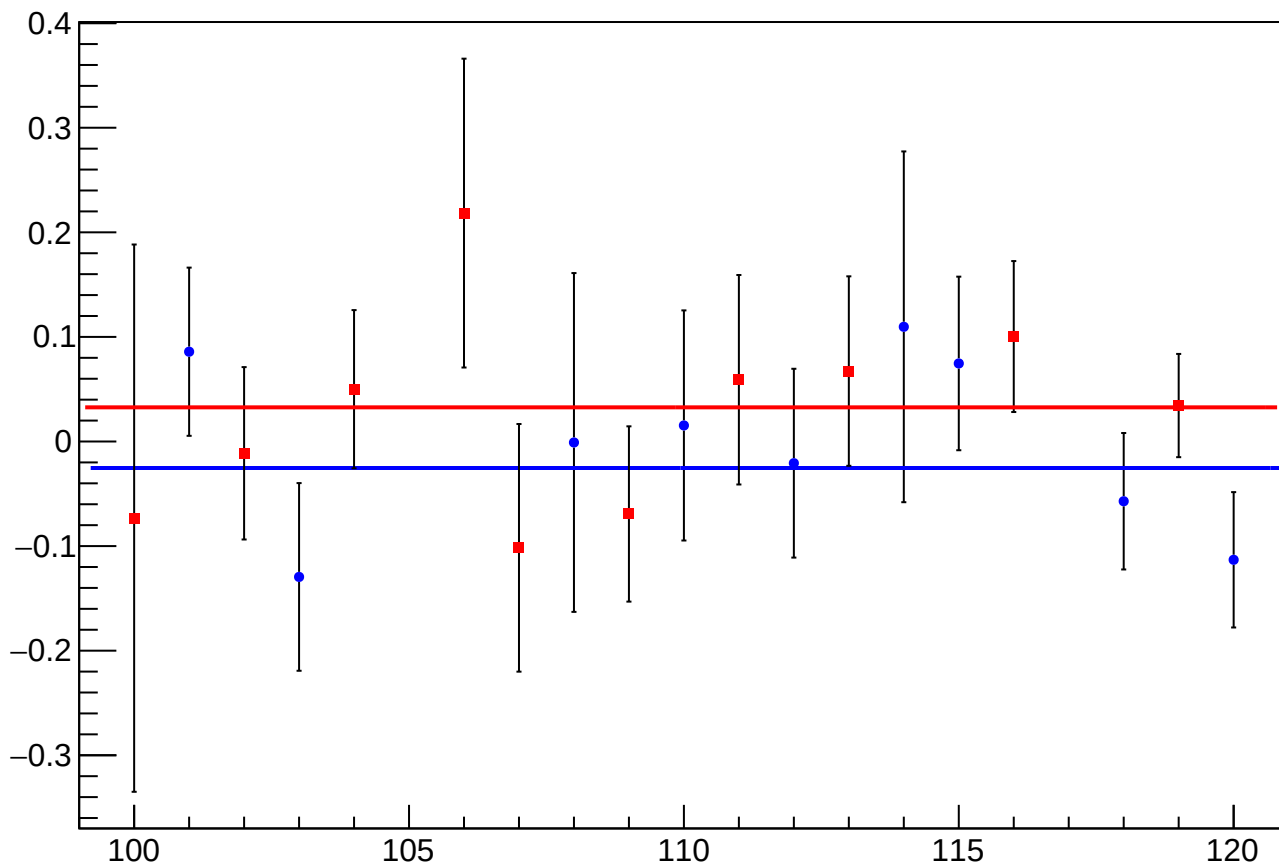
Right: 0.000+/-0.000 χ^2/NDF : 1196780.4/18

In: 0.000+/-0.000 χ^2/NDF : 729530.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1196780.4/18

asym_sam_24_68_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025+/-0.029 χ^2/NDF : 7.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.033+/-0.027 χ^2/NDF : 5.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

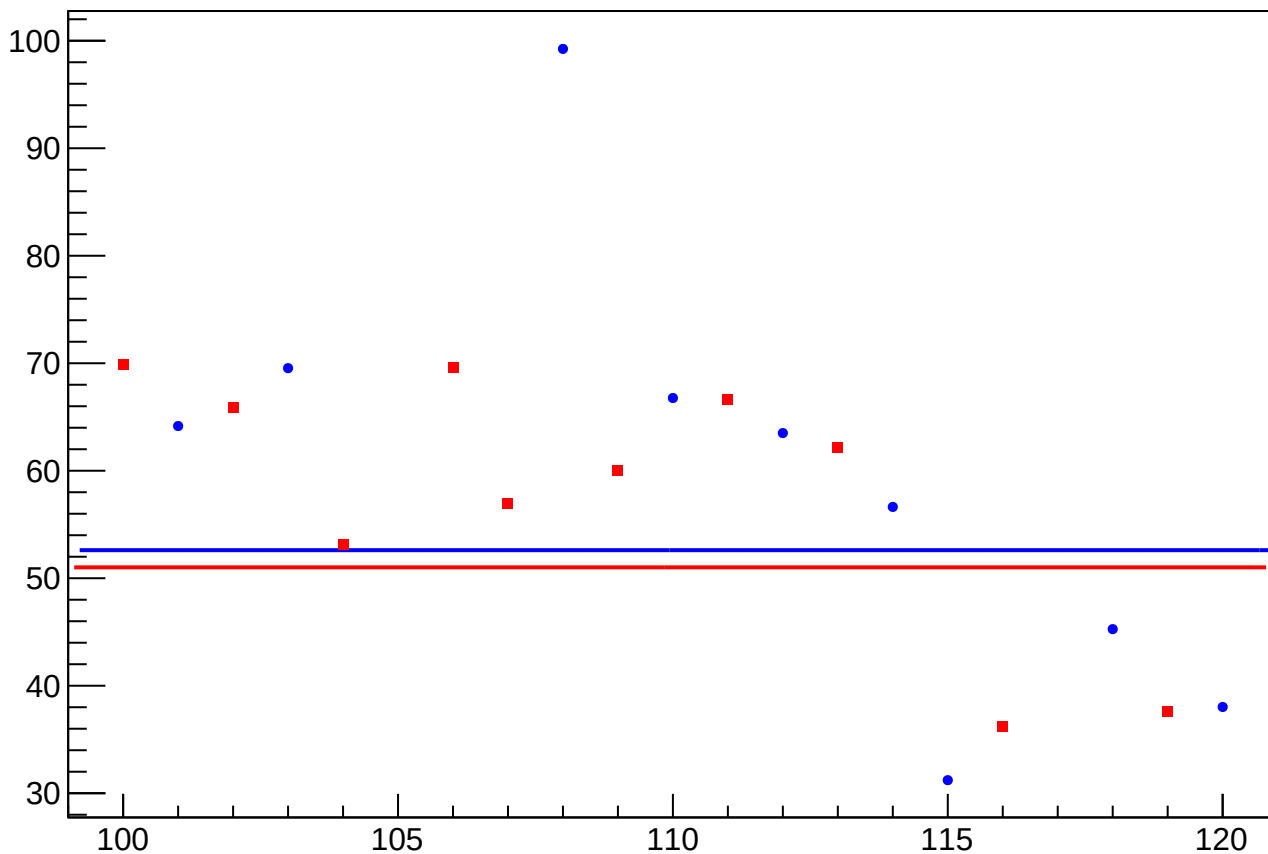
Right: 0.006+/-0.020 χ^2/NDF : 15.7/18

In: -0.025+/-0.029 χ^2/NDF :7.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.020 χ^2/NDF : 15.7/18

asym_sam_24_68_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.610+/-0.021 χ^2/NDF : 601581.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.012+/-0.019 χ^2/NDF : 447353.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

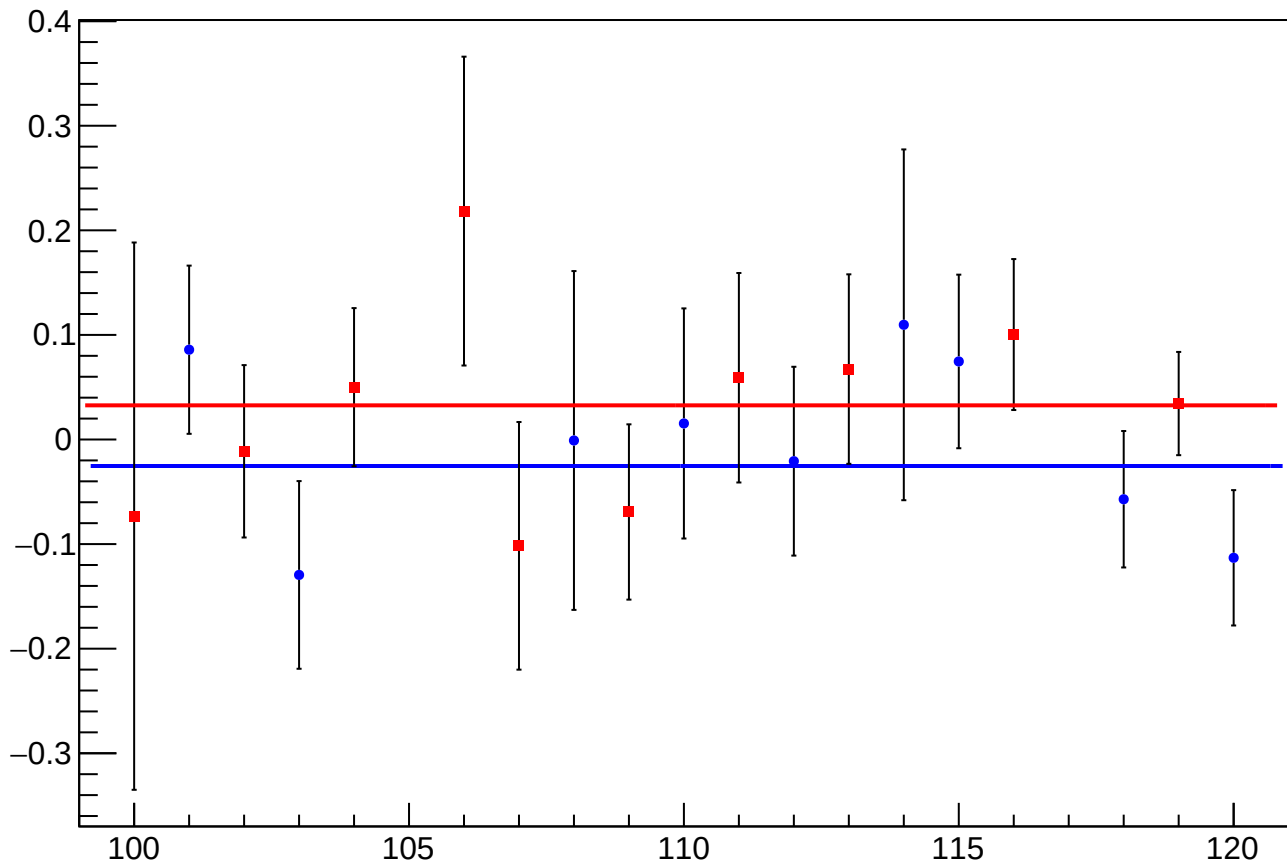
Right: 51.736+/-0.014 χ^2/NDF : 1052222.7/18

In: 52.610+/-0.021 χ^2/NDF : 601581.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.736+/-0.014 χ^2/NDF : 1052222.7/18

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025 $\pm$ 0.029 χ^2 /NDF: 7.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.033 $\pm$ 0.027 χ^2 /NDF: 5.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

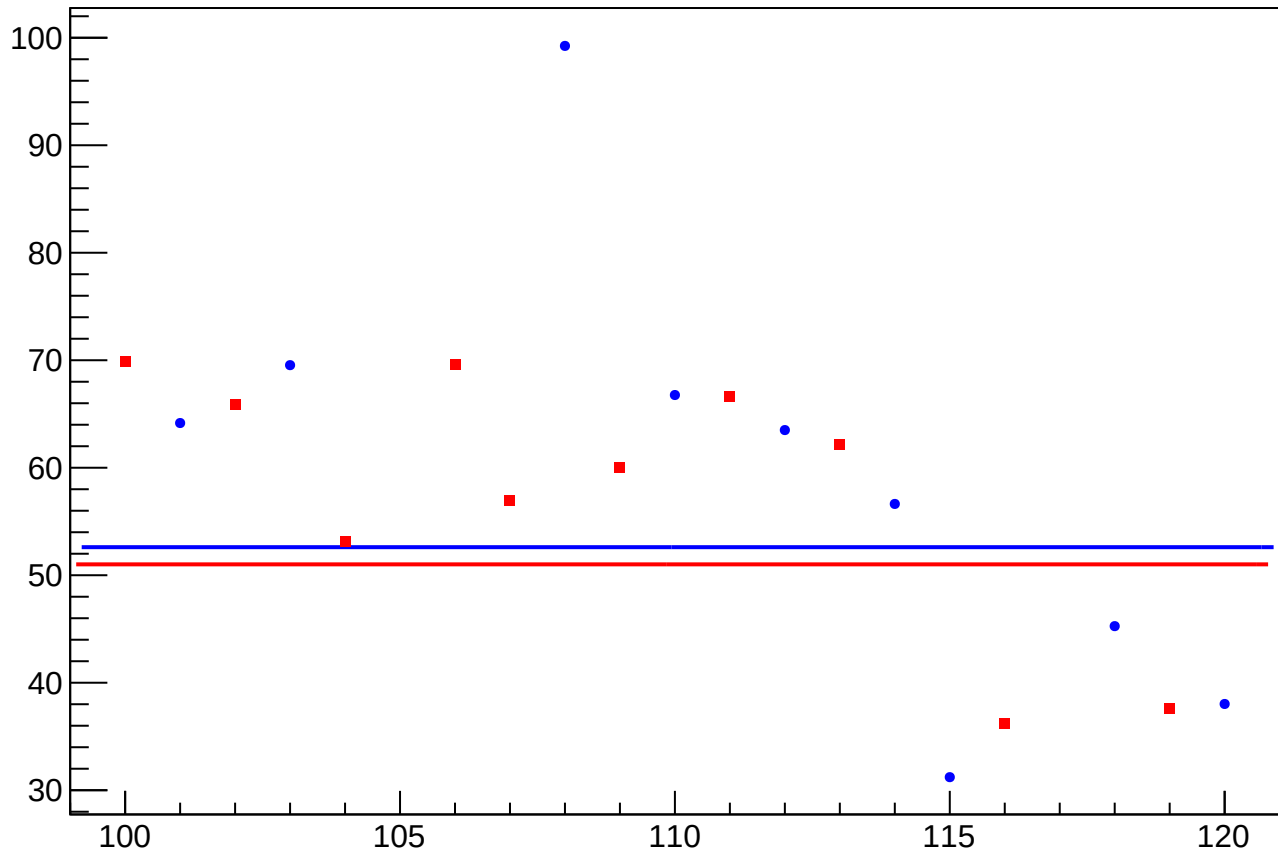
Right: 0.006 $\pm$ 0.020 χ^2 /NDF: 15.7/18

In: -0.025 $\pm$ 0.029 χ^2 /NDF:7.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.006 $\pm$ 0.020 χ^2 /NDF: 15.7/18

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.610 $\pm$ 0.021 χ^2 /NDF: 601581.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 51.012 $\pm$ 0.019 χ^2 /NDF: 447353.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

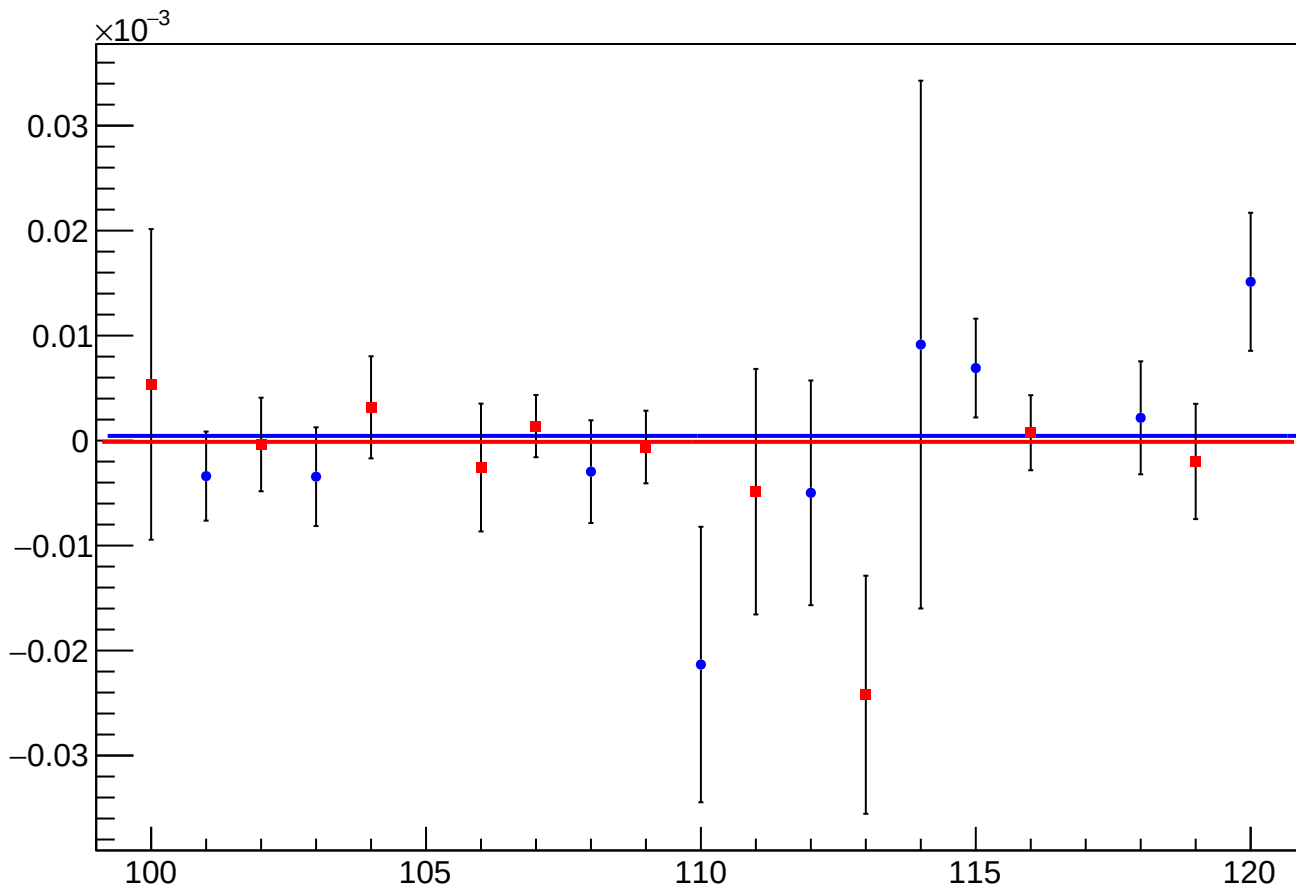
Right: 51.736 $\pm$ 0.014 χ^2 /NDF: 1052222.7/18

In: 52.610 $\pm$ 0.021 χ^2 /NDF:601581.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 51.736 $\pm$ 0.014 χ^2 /NDF: 1052222.7/18

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

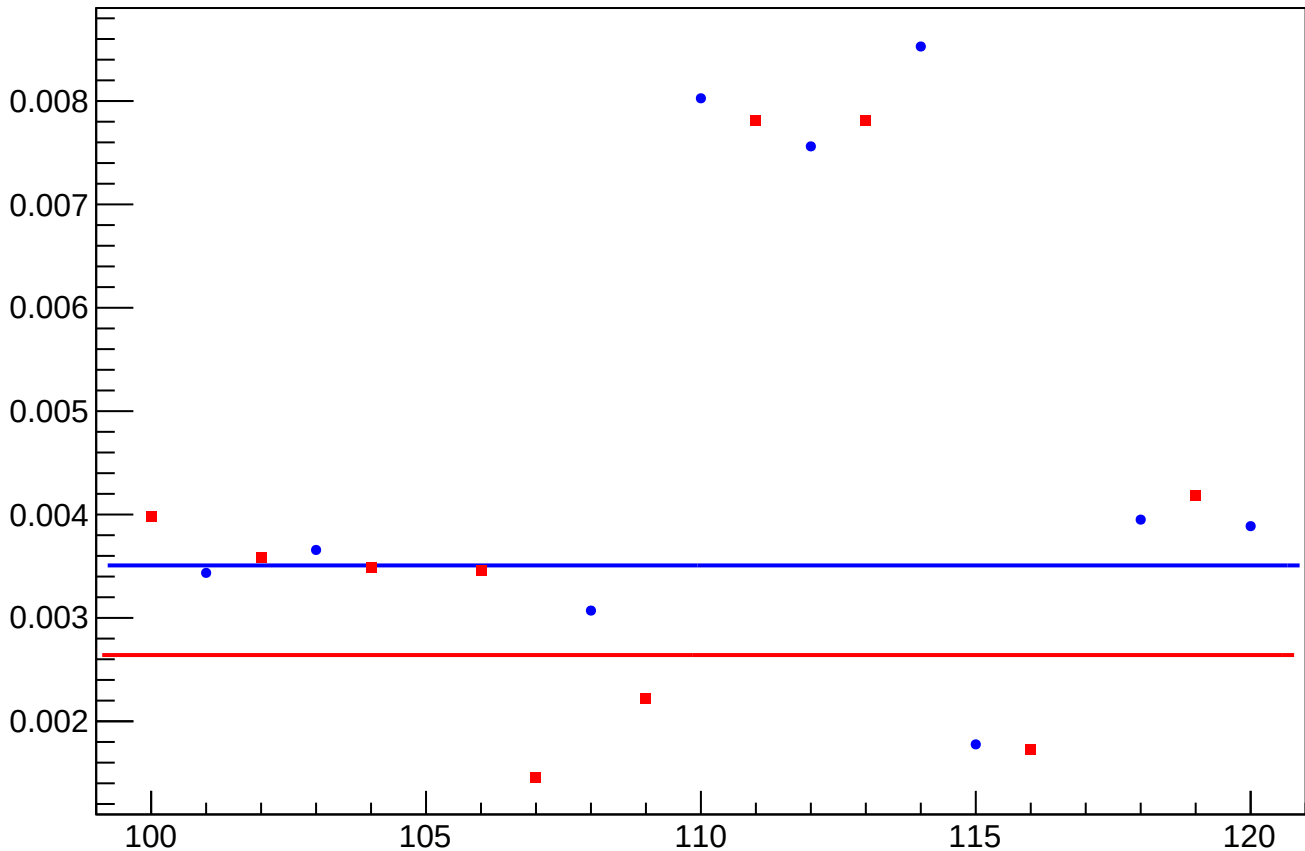
Right: 0.000+/-0.000 χ^2/NDF : 18.0/18

In: 0.000+/-0.000 χ^2/NDF : 12.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.0/18

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 913409.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1648116.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

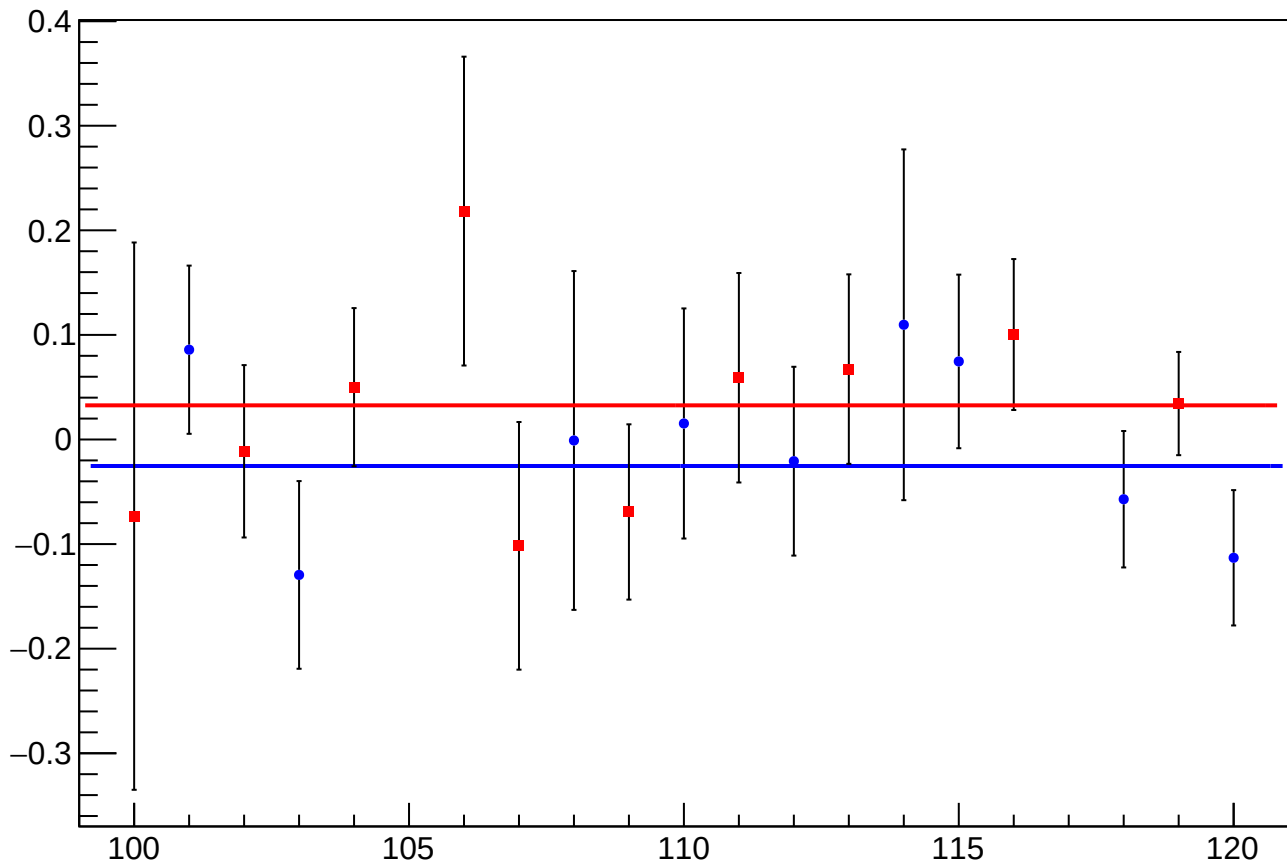
Right: 0.003+/-0.000 χ^2/NDF : 2809732.9/18

In: 0.004+/-0.000 χ^2/NDF : 913409.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 2809732.9/18

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025+/-0.029 χ^2/NDF : 7.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.033+/-0.027 χ^2/NDF : 5.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

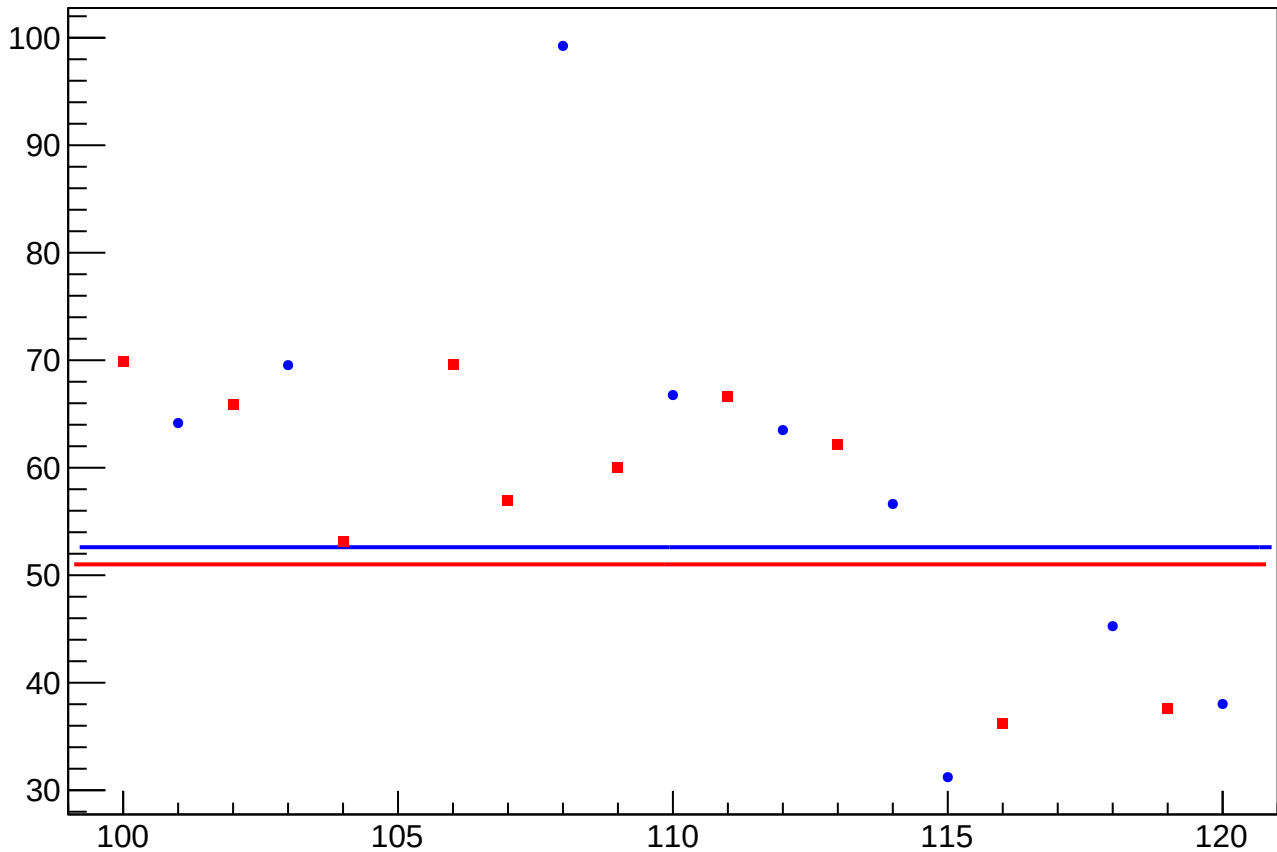
Right: 0.006+/-0.020 χ^2/NDF : 15.7/18

In: -0.025+/-0.029 χ^2/NDF : 7.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.020 χ^2/NDF : 15.7/18

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.608 $\pm$ 0.021 χ^2 /NDF: 601597.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 51.010 $\pm$ 0.019 χ^2 /NDF: 447363.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

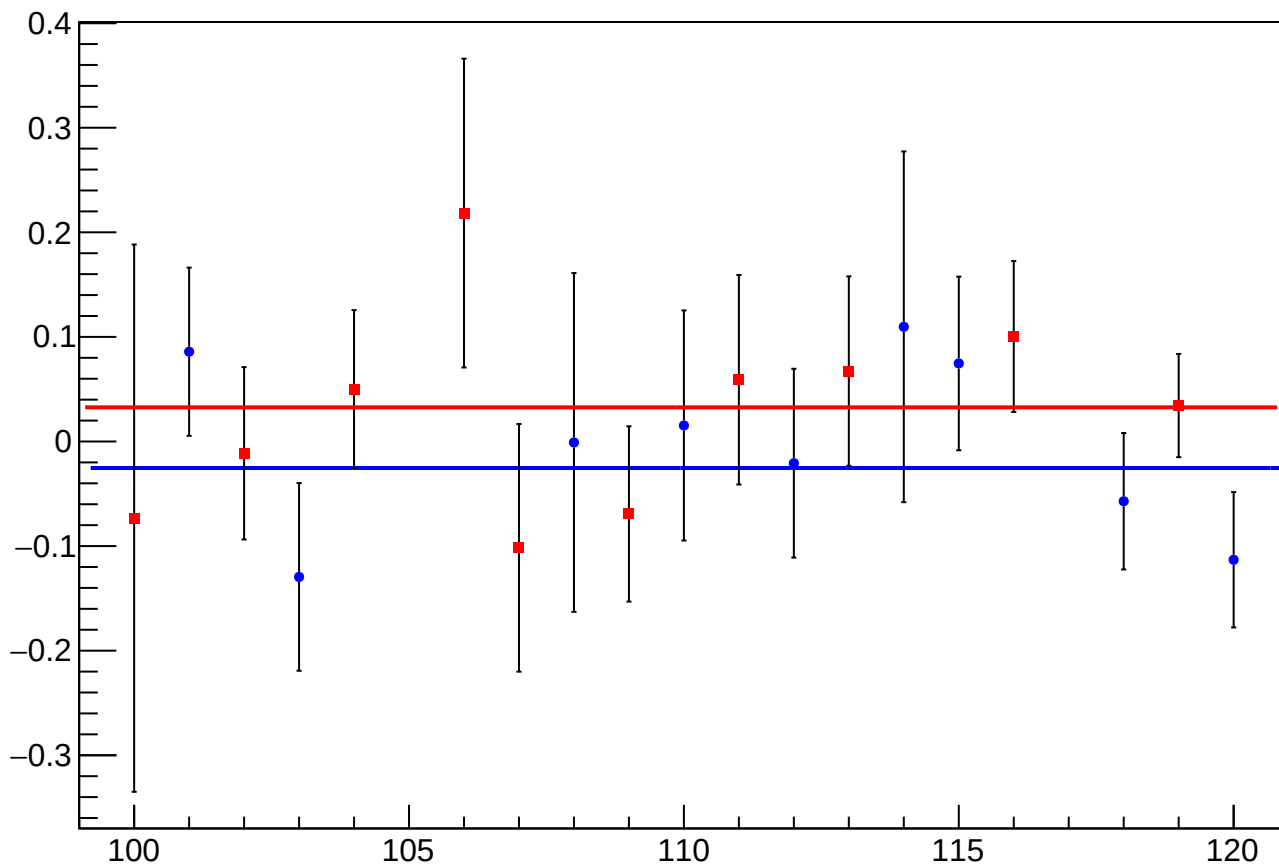
Right: 51.734 $\pm$ 0.014 χ^2 /NDF: 1052246.6/18

In: 52.608 $\pm$ 0.021 χ^2 /NDF:601597.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 51.734 $\pm$ 0.014 χ^2 /NDF: 1052246.6/18

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025+/-0.029 χ^2/NDF : 7.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.033+/-0.027 χ^2/NDF : 5.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

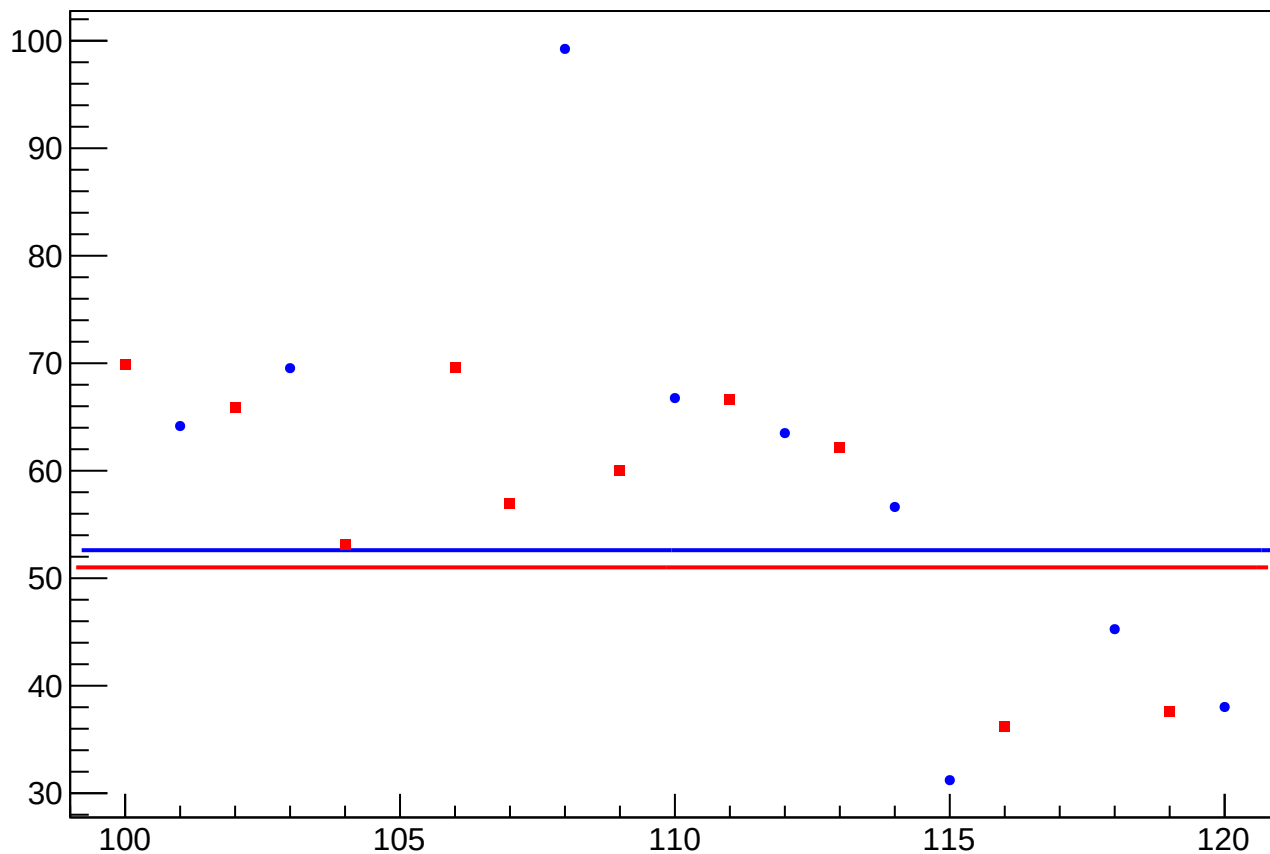
Right: 0.006+/-0.020 χ^2/NDF : 15.7/18

In: -0.025+/-0.029 χ^2/NDF :7.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.020 χ^2/NDF : 15.7/18

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.608 $\pm$ 0.021 χ^2 /NDF: 601597.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 51.010 $\pm$ 0.019 χ^2 /NDF: 447363.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

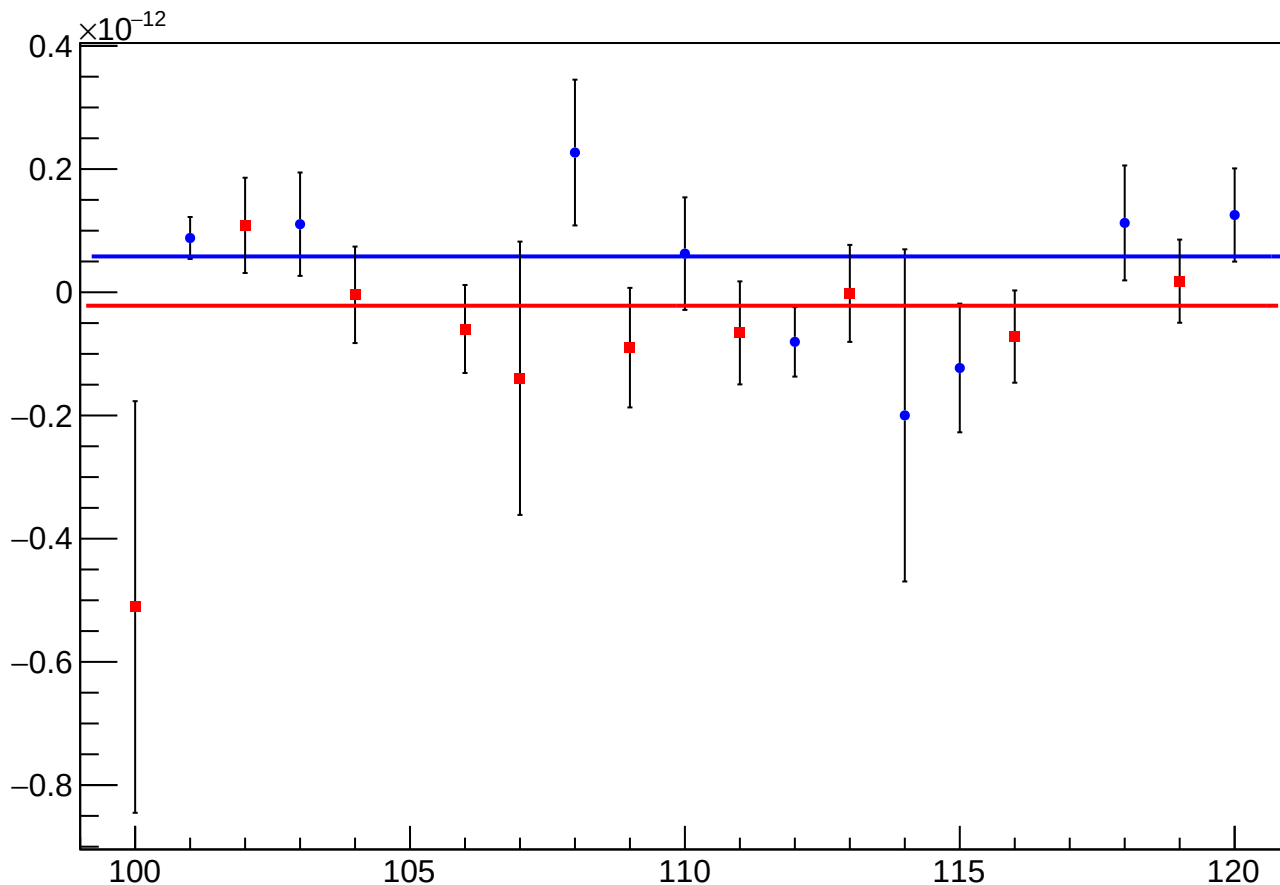
Right: 51.734 $\pm$ 0.014 χ^2 /NDF: 1052246.6/18

In: 52.608 $\pm$ 0.021 χ^2 /NDF:601597.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 51.734 $\pm$ 0.014 χ^2 /NDF: 1052246.6/18

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

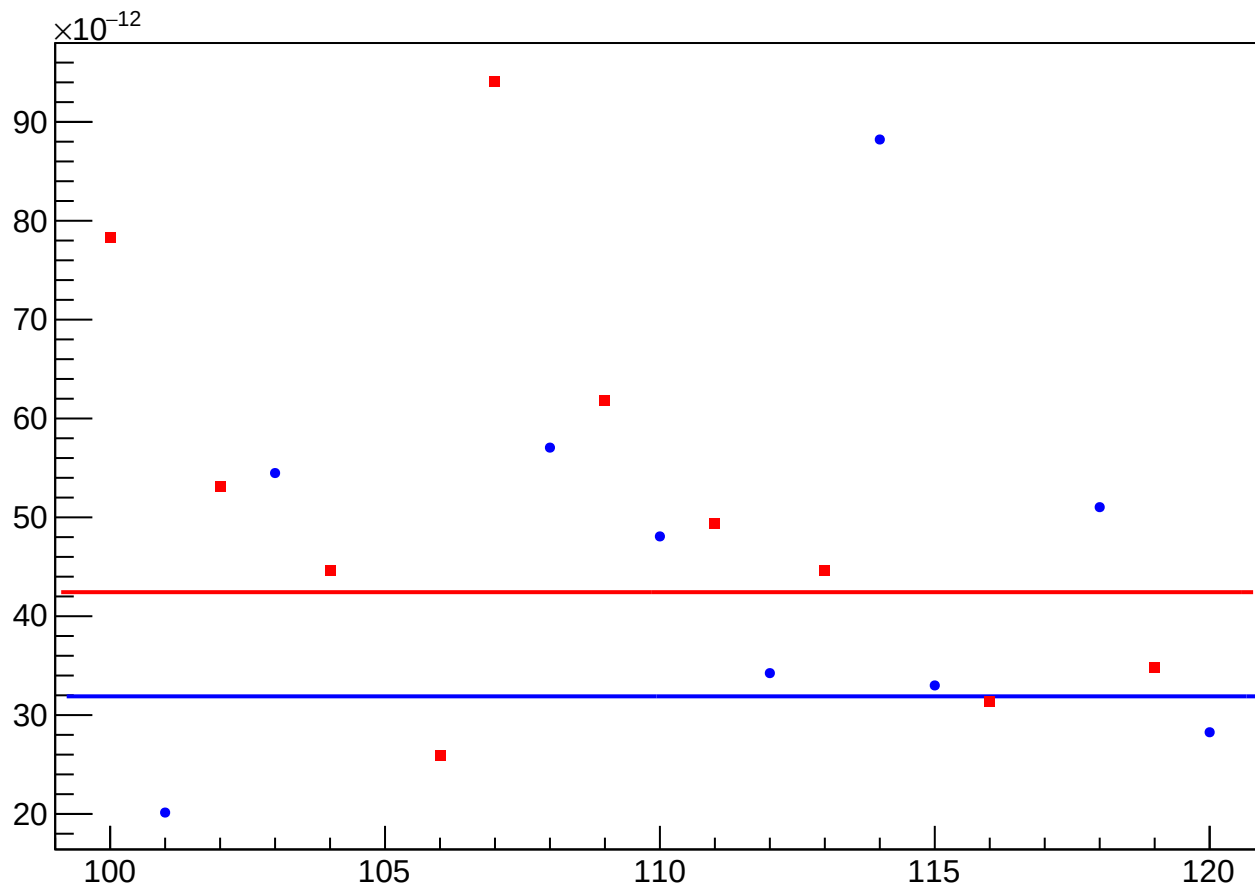
Right: 0.000+/-0.000 χ^2/NDF : 26.6/18

In: 0.000+/-0.000 χ^2/NDF : 14.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.6/18

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 715752.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 443364.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

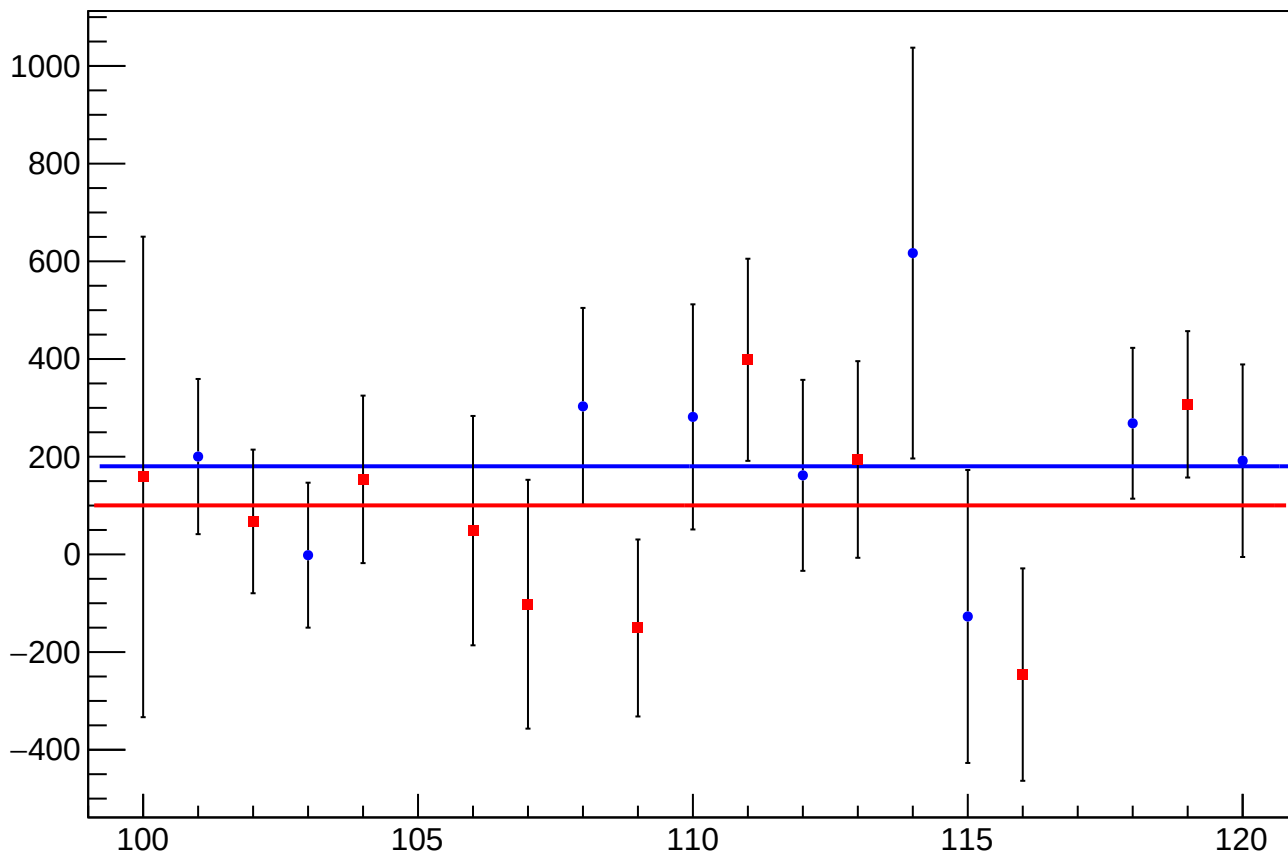
Right: 0.000+/-0.000 χ^2/NDF : 1335597.2/18

In: 0.000+/-0.000 χ^2/NDF : 715752.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1335597.2/18

reg_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 180.393+/-64.670 χ^2/NDF : 4.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.325+/-61.764 χ^2/NDF : 9.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

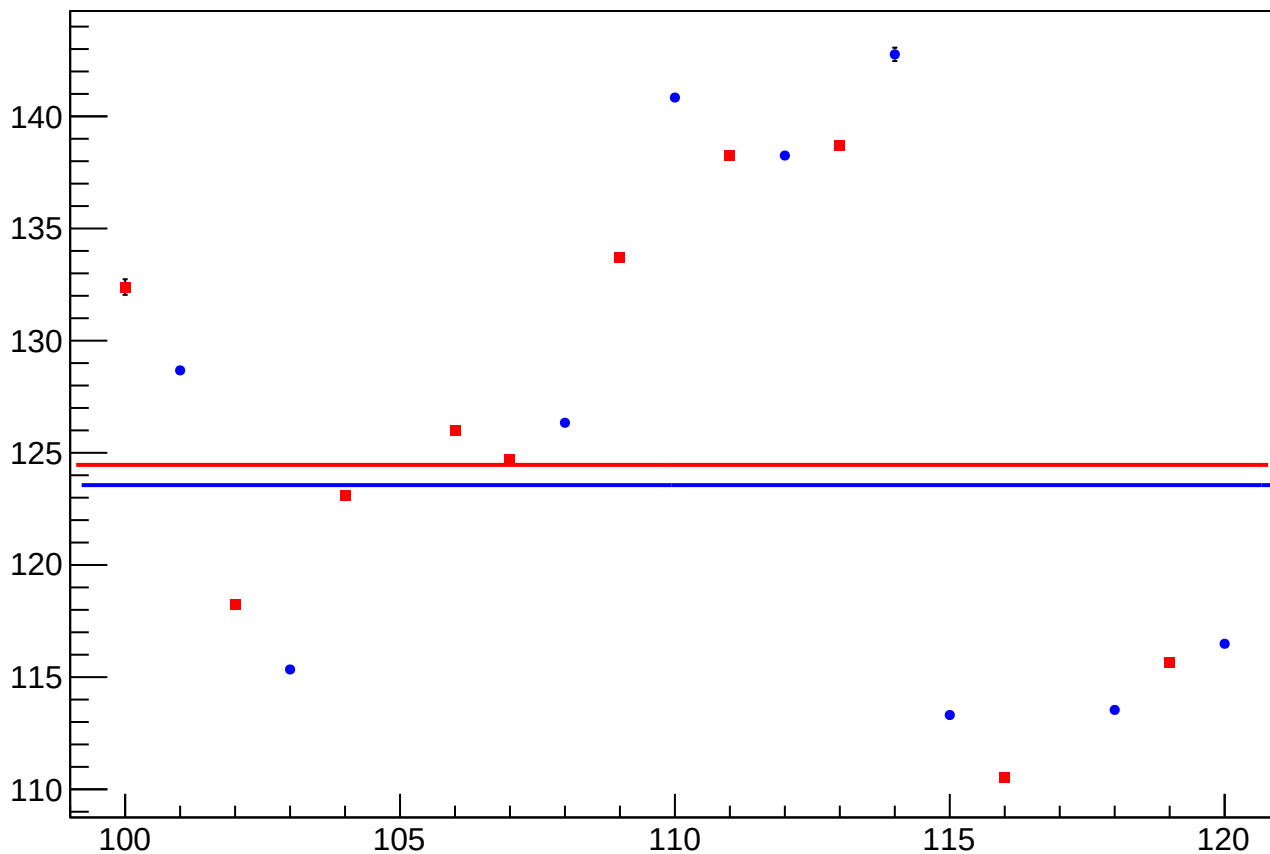
Right: 138.520+/-44.666 χ^2/NDF : 14.8/18

In: 180.393+/-64.670 χ^2/NDF : 4.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.520+/-44.666 χ^2/NDF : 14.8/18

reg_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 123.560+/-0.046 χ^2/NDF : 48630.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.462+/-0.044 χ^2/NDF : 43567.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

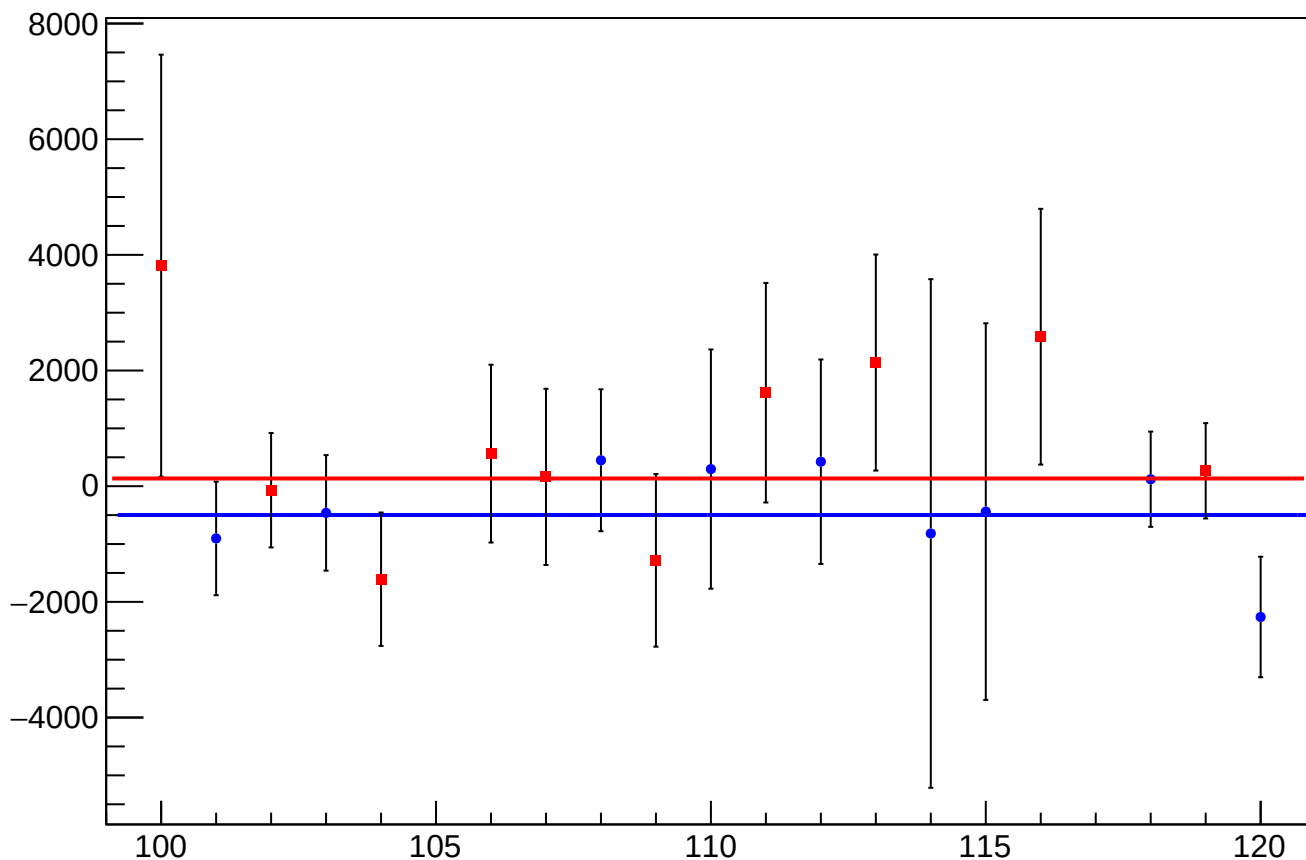
Right: 124.032+/-0.032 χ^2/NDF : 92401.3/18

In: 123.560+/-0.046 χ^2/NDF : 48630.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.032+/-0.032 χ^2/NDF : 92401.3/18

asym_sam_26_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -497.720+/-415.250 χ^2/NDF : 4.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.410+/-430.626 χ^2/NDF : 7.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

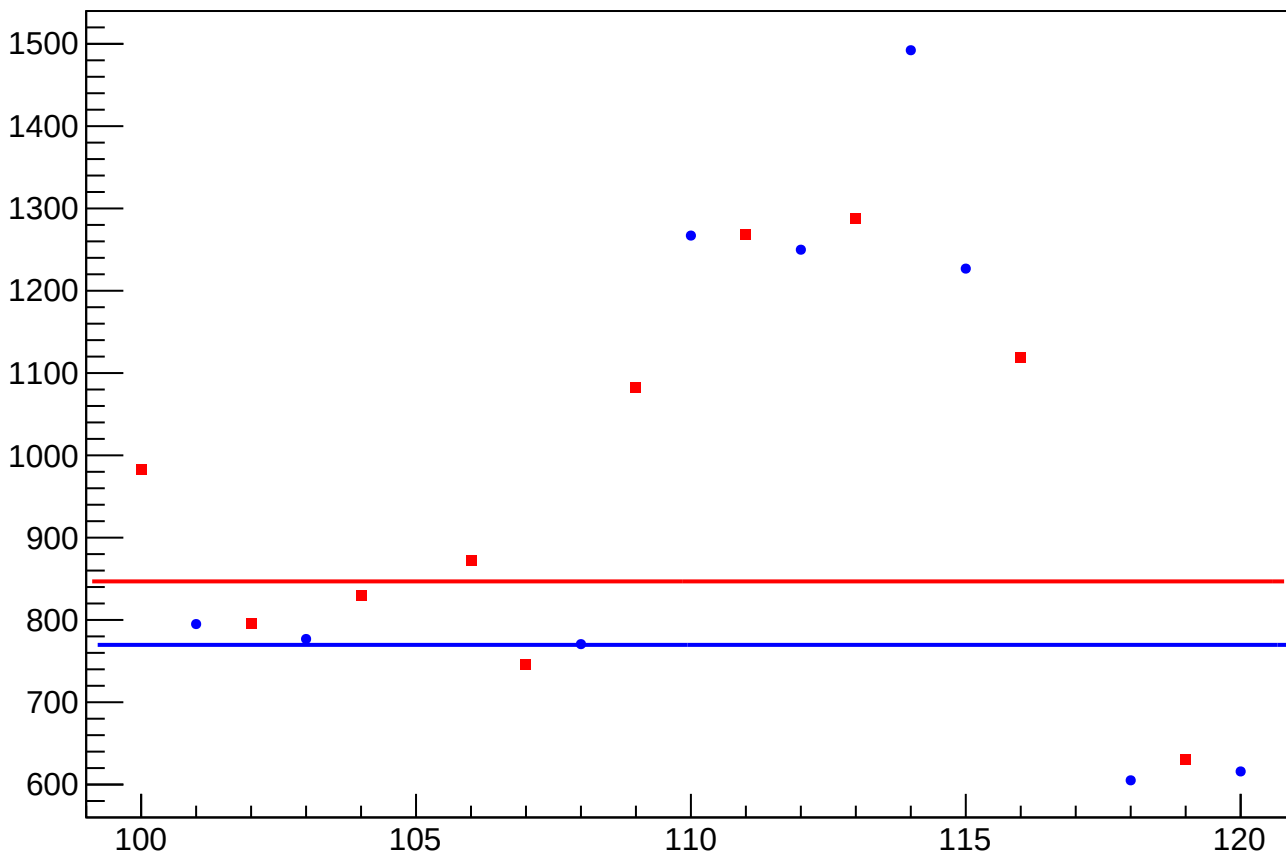
Right: -193.623+/-298.914 χ^2/NDF : 13.1/18

In: -497.720+/-415.250 χ^2/NDF : 4.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -193.623+/-298.914 χ^2/NDF : 13.1/18

asym_sam_26_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 769.707+/-0.294 χ^2/NDF : 481496.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 846.840+/-0.304 χ^2/NDF : 445104.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

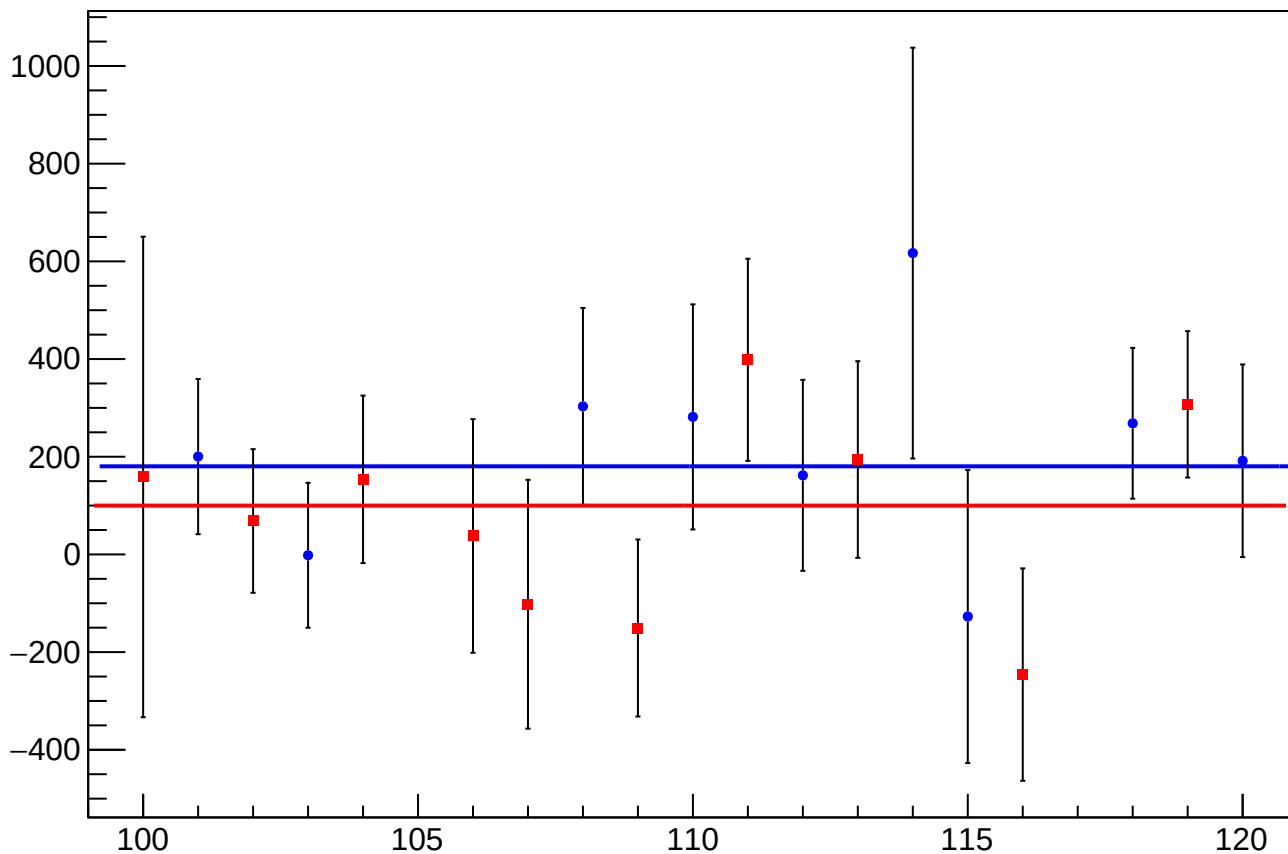
Right: 806.872+/-0.211 χ^2/NDF : 959851.8/18

In: 769.707+/-0.294 χ^2/NDF : 481496.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 806.872+/-0.211 χ^2/NDF : 959851.8/18

cor_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 180.389+/-64.670 χ^2/NDF : 4.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.941+/-61.845 χ^2/NDF : 9.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

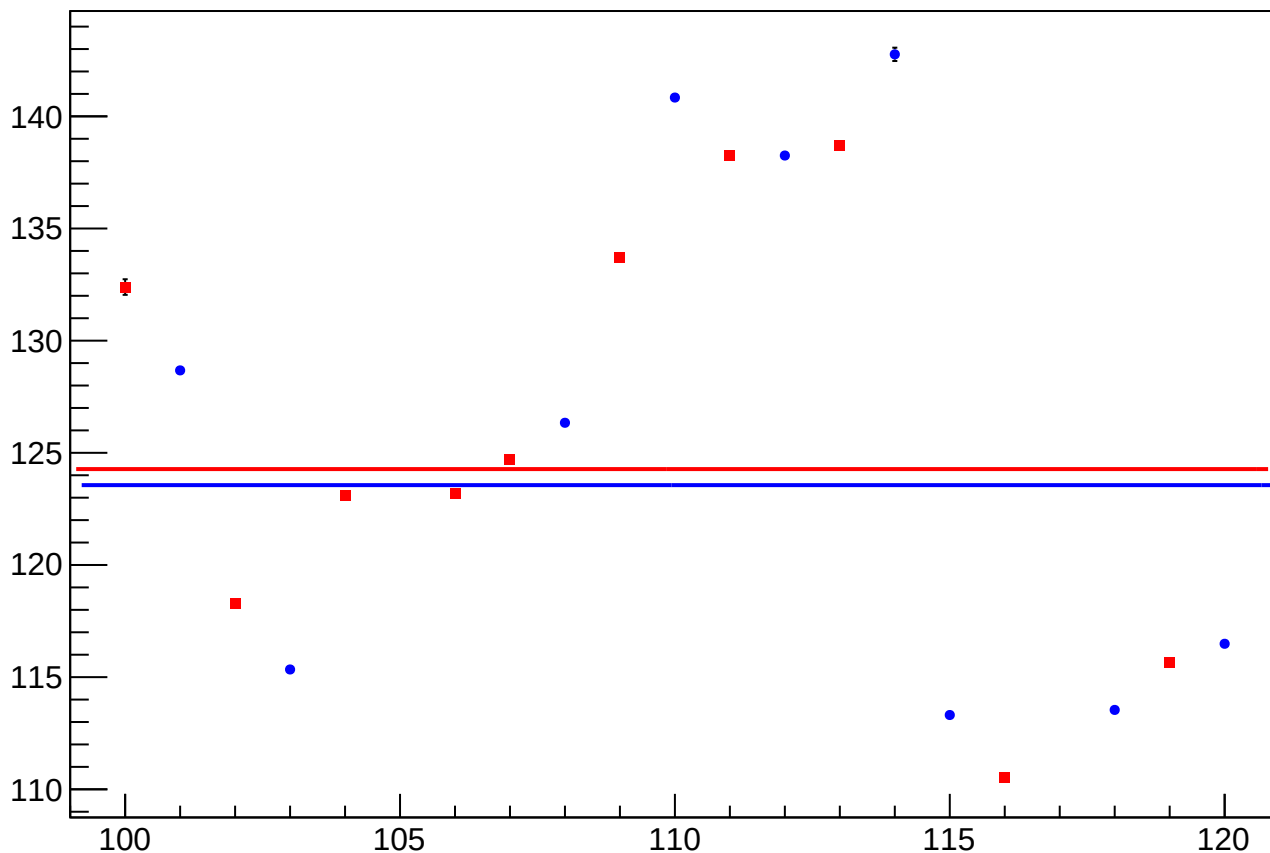
Right: 138.369+/-44.696 χ^2/NDF : 14.9/18

In: 180.389+/-64.670 χ^2/NDF : 4.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.369+/-44.696 χ^2/NDF : 14.9/18

cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 123.560+/-0.046 χ^2/NDF : 48630.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.275+/-0.044 χ^2/NDF : 43473.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

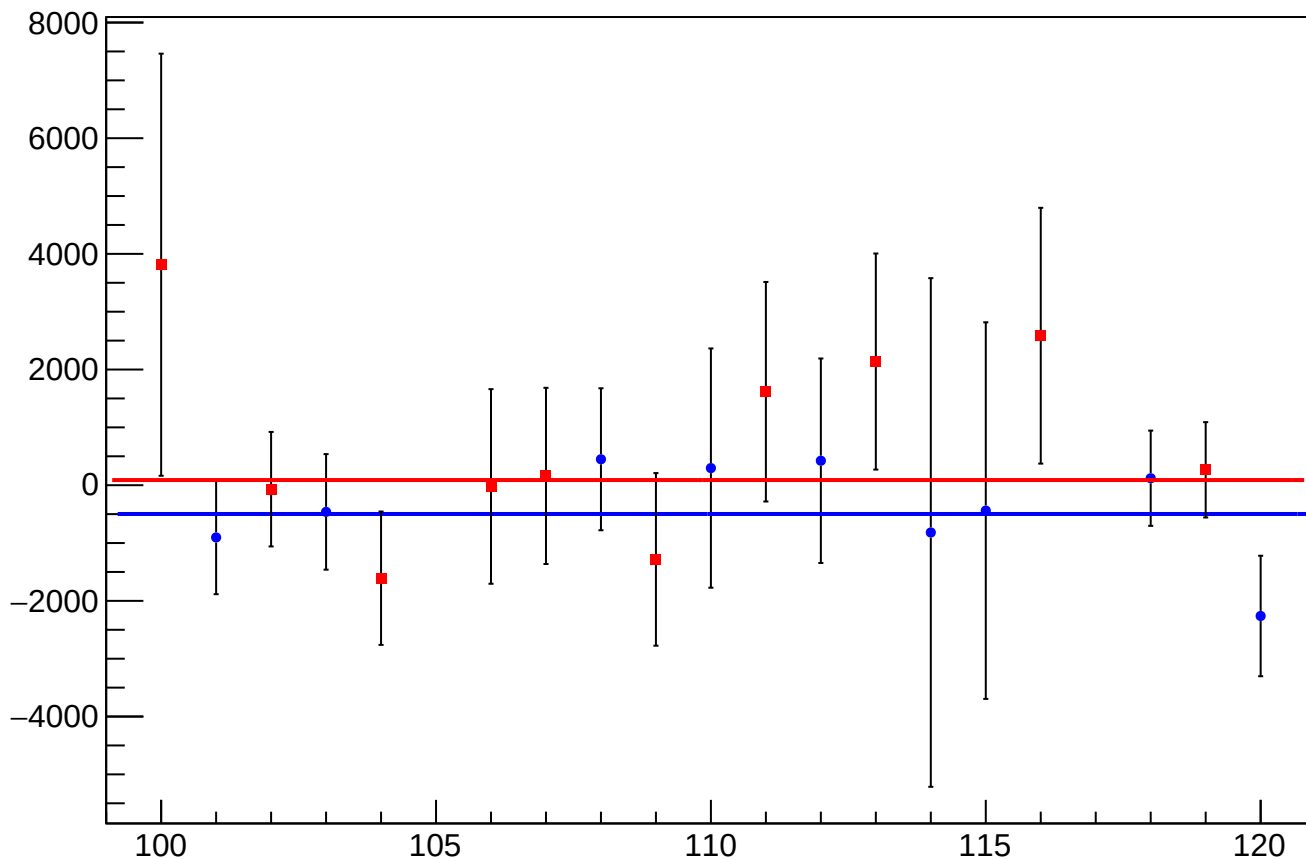
Right: 123.933+/-0.032 χ^2/NDF : 92231.3/18

In: 123.560+/-0.046 χ^2/NDF : 48630.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.933+/-0.032 χ^2/NDF : 92231.3/18

asym_sam_26_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -497.685+/-415.252 χ^2/NDF : 4.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.067+/-433.496 χ^2/NDF : 7.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

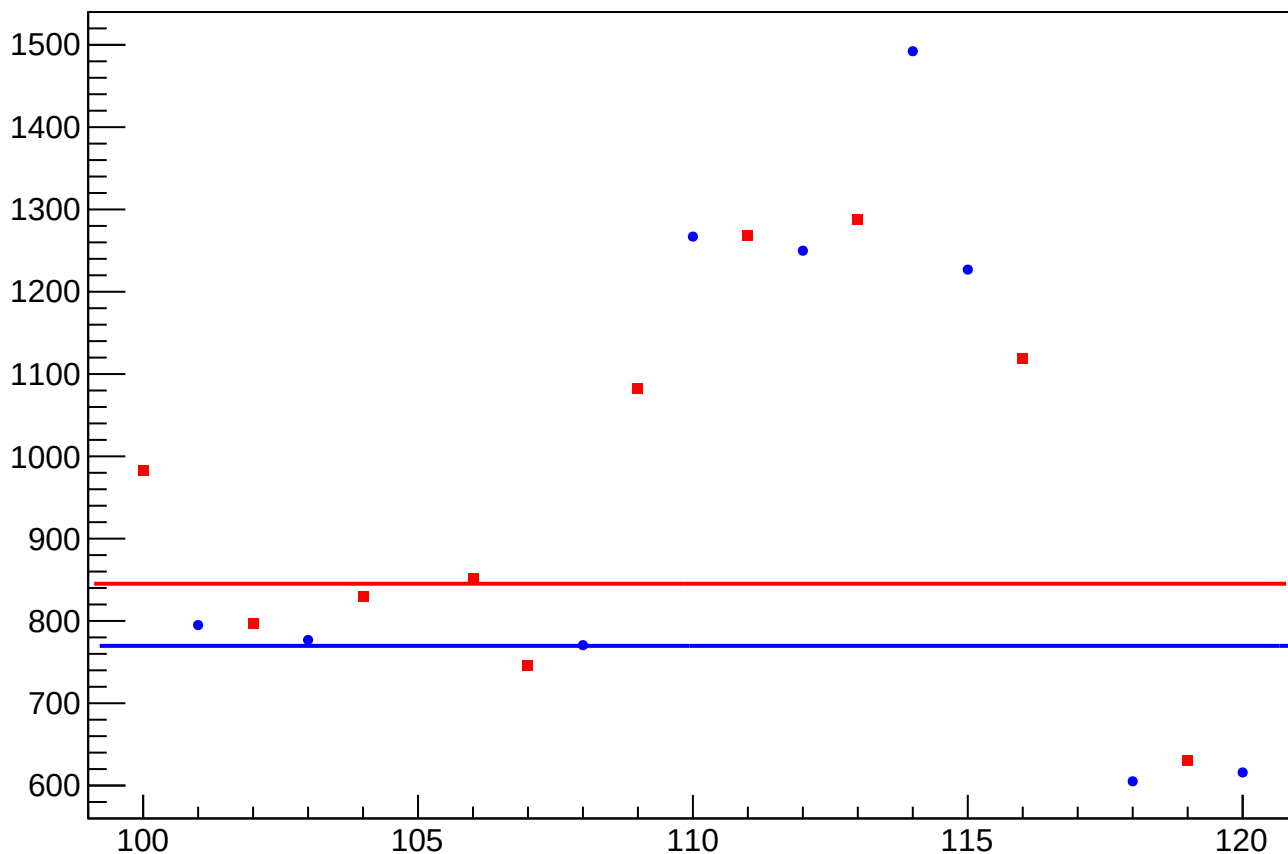
Right: -216.916+/-299.870 χ^2/NDF : 12.8/18

In: -497.685+/-415.252 χ^2/NDF : 4.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -216.916+/-299.870 χ^2/NDF : 12.8/18

asym_sam_26_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 769.709+/-0.294 χ^2/NDF : 481503.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 845.223+/-0.307 χ^2/NDF : 444421.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

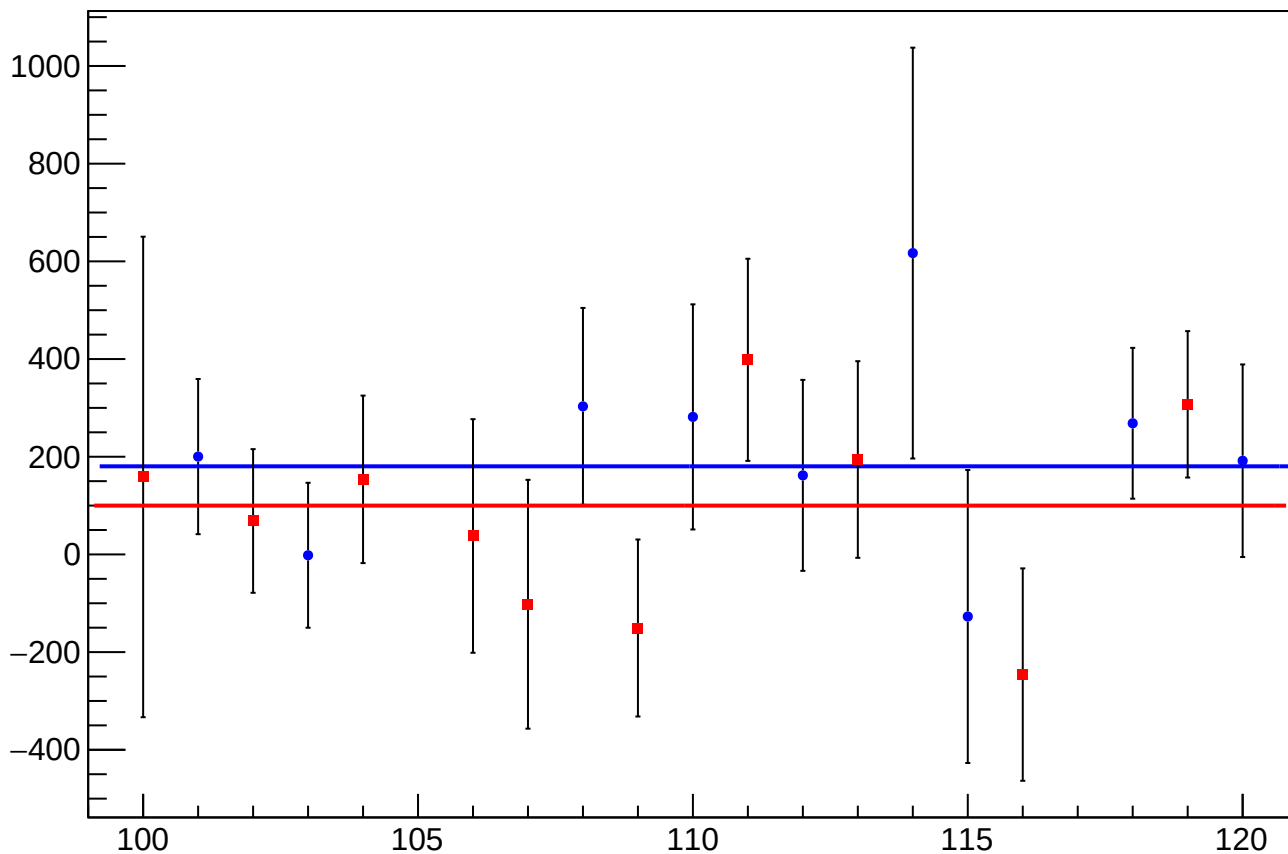
Right: 805.844+/-0.212 χ^2/NDF : 957573.1/18

In: 769.709+/-0.294 χ^2/NDF : 481503.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 805.844+/-0.212 χ^2/NDF : 957573.1/18

eigen_cor_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 180.389+/-64.670 χ^2/NDF : 4.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.941+/-61.845 χ^2/NDF : 9.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

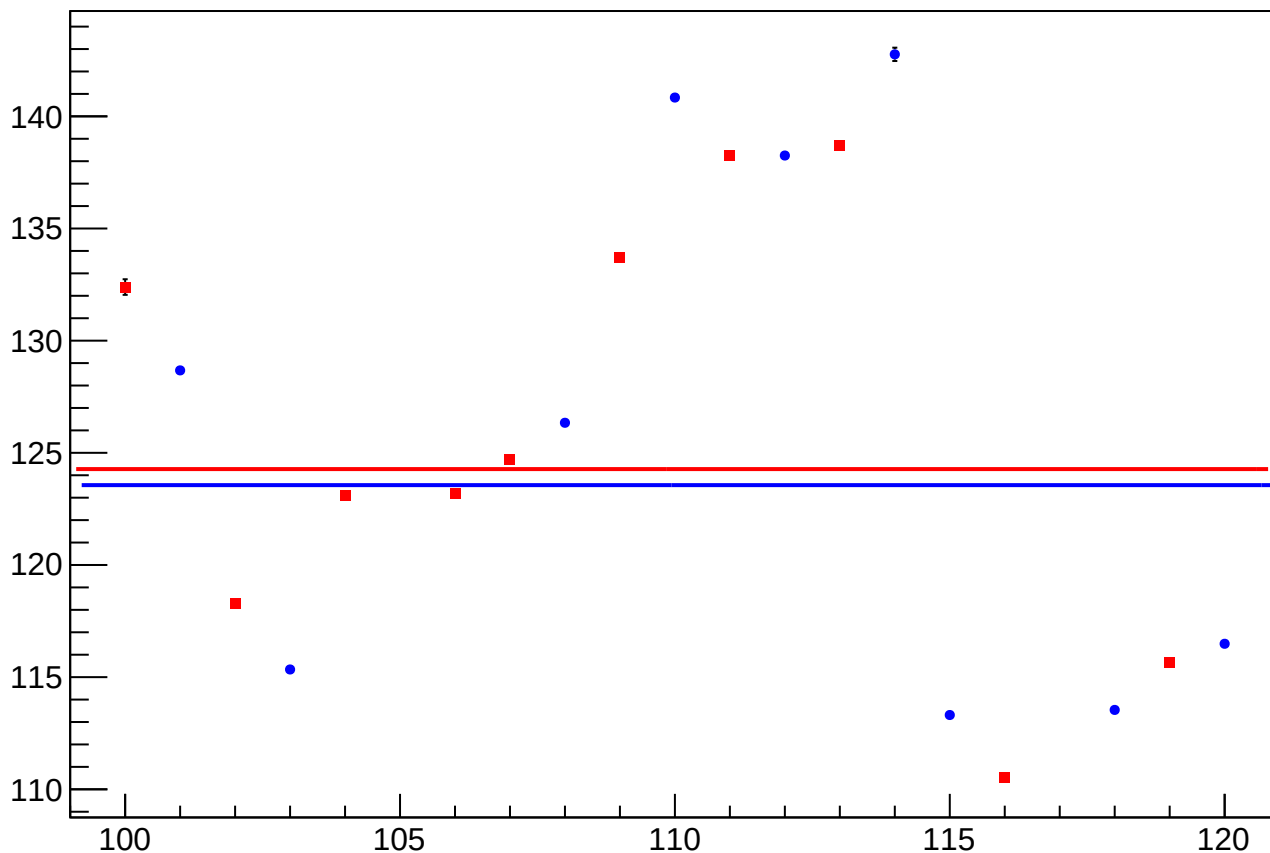
Right: 138.369+/-44.696 χ^2/NDF : 14.9/18

In: 180.389+/-64.670 χ^2/NDF : 4.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.369+/-44.696 χ^2/NDF : 14.9/18

eigen_cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 123.560 $\pm$ 0.046 χ^2 /NDF: 48630.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 124.275 $\pm$ 0.044 χ^2 /NDF: 43473.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

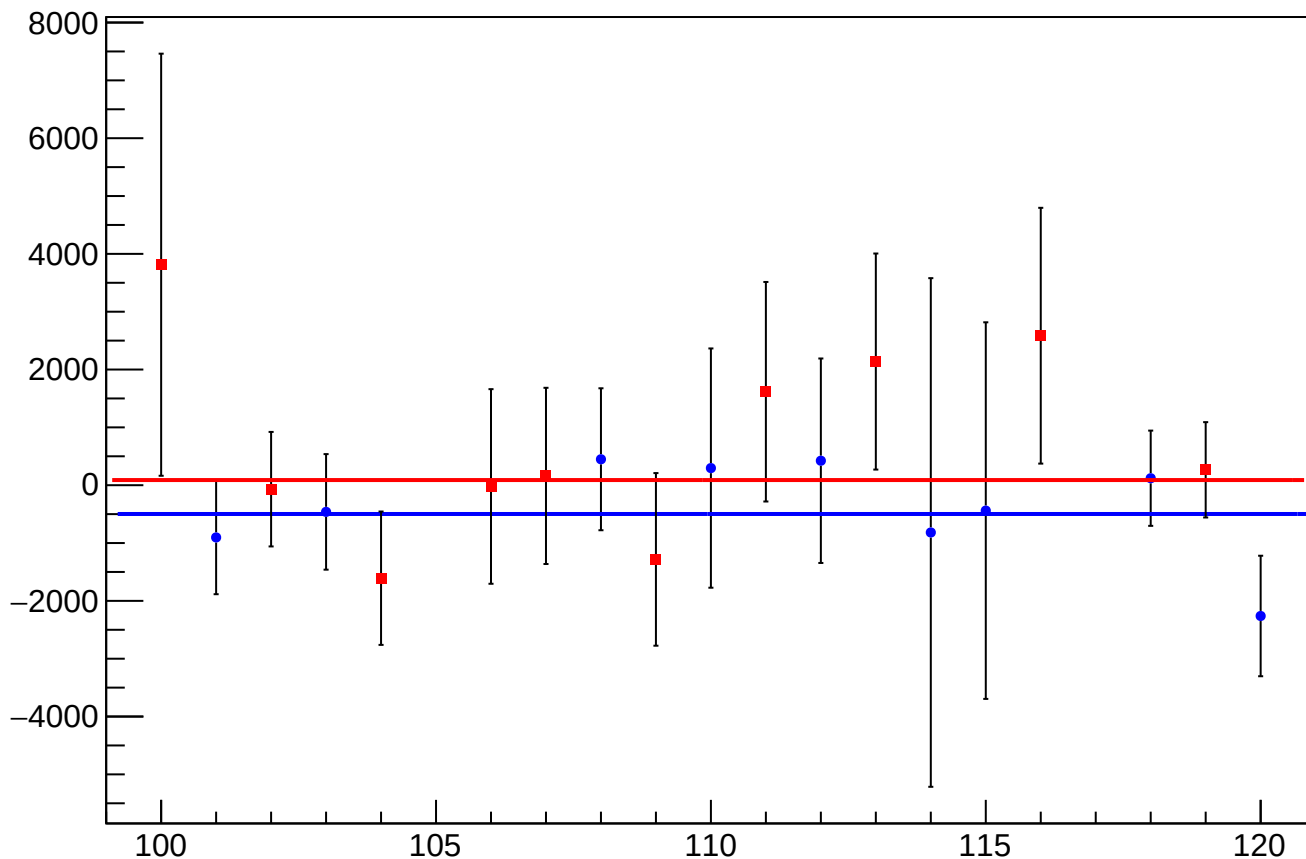
Right: 123.933 $\pm$ 0.032 χ^2 /NDF: 92231.3/18

In: 123.560 $\pm$ 0.046 χ^2 /NDF:48630.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 123.933 $\pm$ 0.032 χ^2 /NDF: 92231.3/18

asym_sam_26_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -497.685+/-415.252 χ^2/NDF : 4.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.067+/-433.496 χ^2/NDF : 7.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

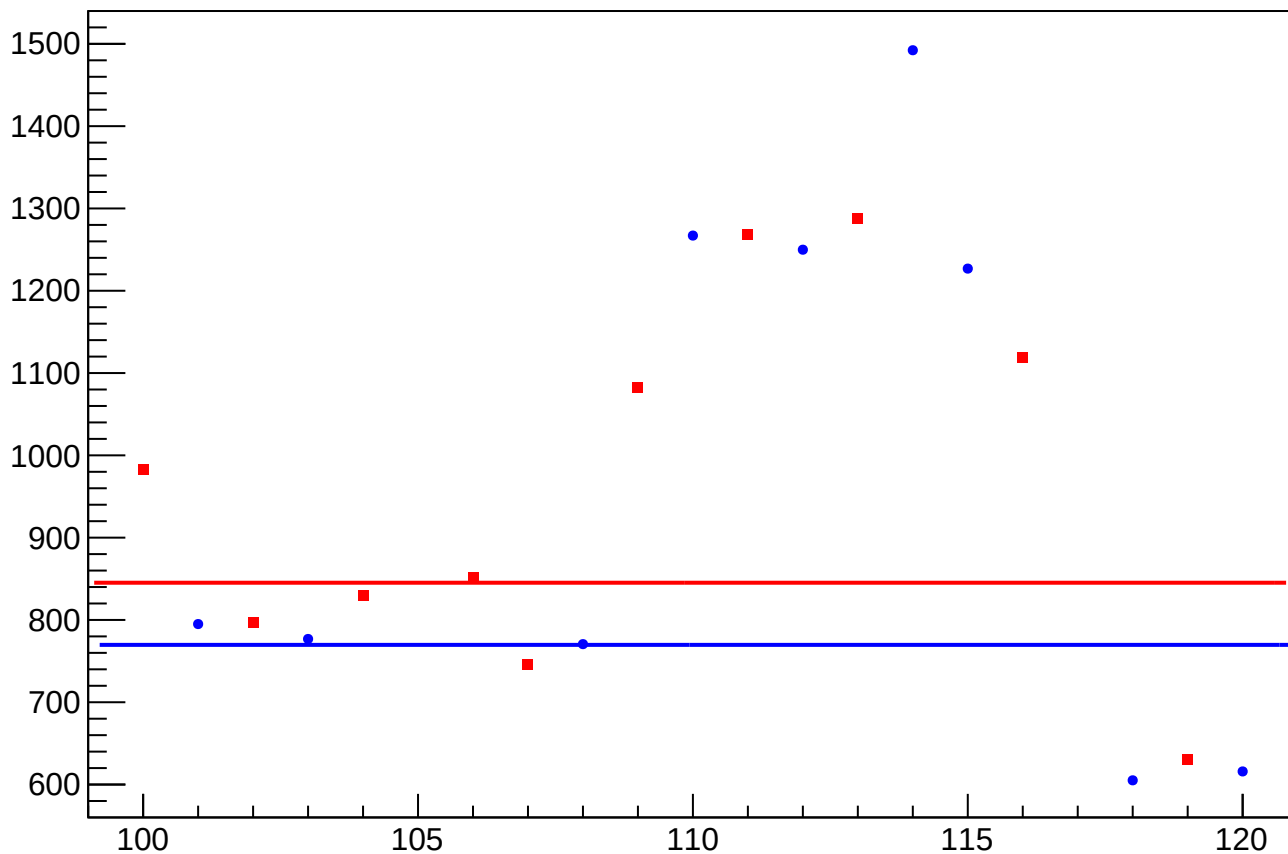
Right: -216.916+/-299.870 χ^2/NDF : 12.8/18

In: -497.685+/-415.252 χ^2/NDF : 4.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -216.916+/-299.870 χ^2/NDF : 12.8/18

asym_sam_26_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 769.709+/-0.294 χ^2/NDF : 481503.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 845.223+/-0.307 χ^2/NDF : 444421.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

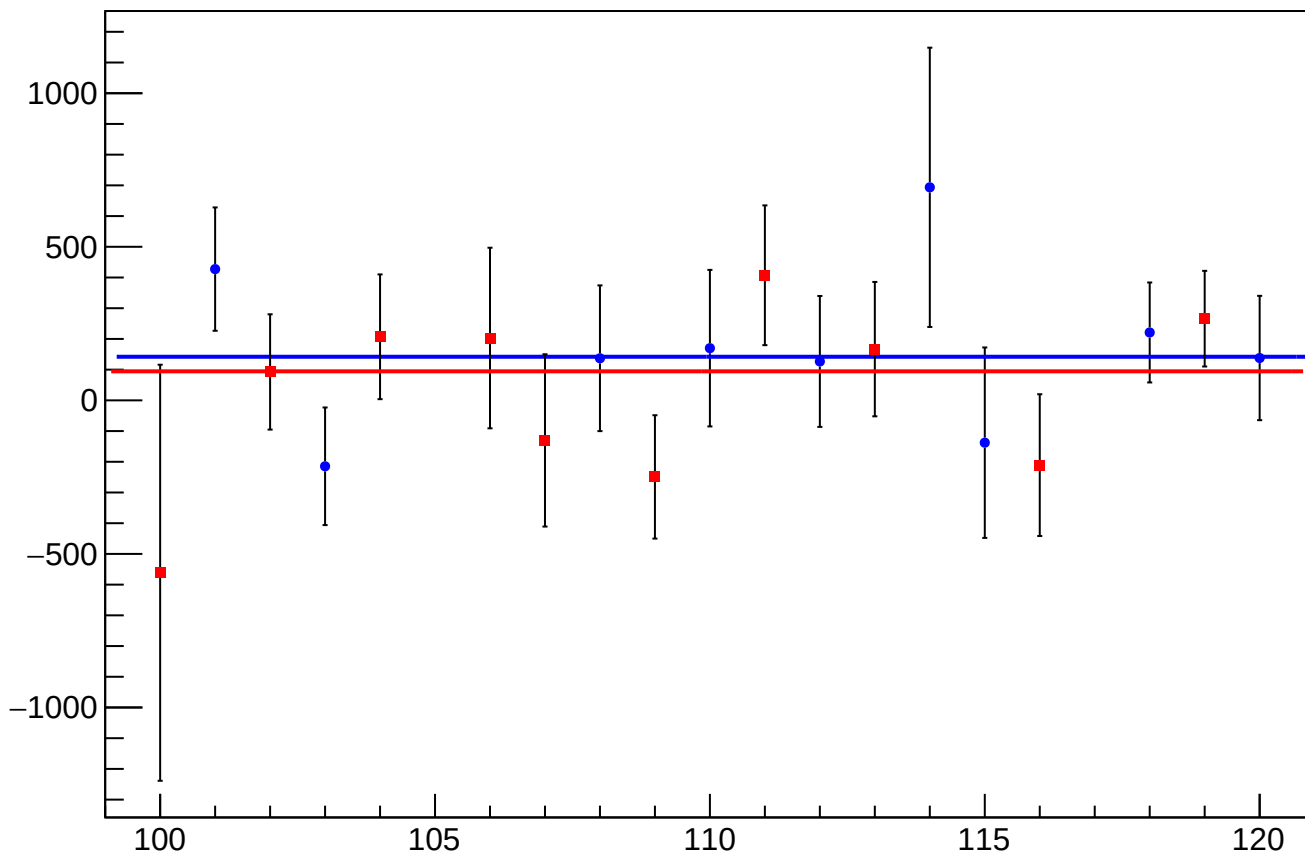
Right: 805.844+/-0.212 χ^2/NDF : 957573.1/18

In: 769.709+/-0.294 χ^2/NDF : 481503.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 805.844+/-0.212 χ^2/NDF : 957573.1/18

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 141.967 $\pm$ 73.589 χ^2 /NDF: 8.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 94.520 $\pm$ 69.998 χ^2 /NDF: 9.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

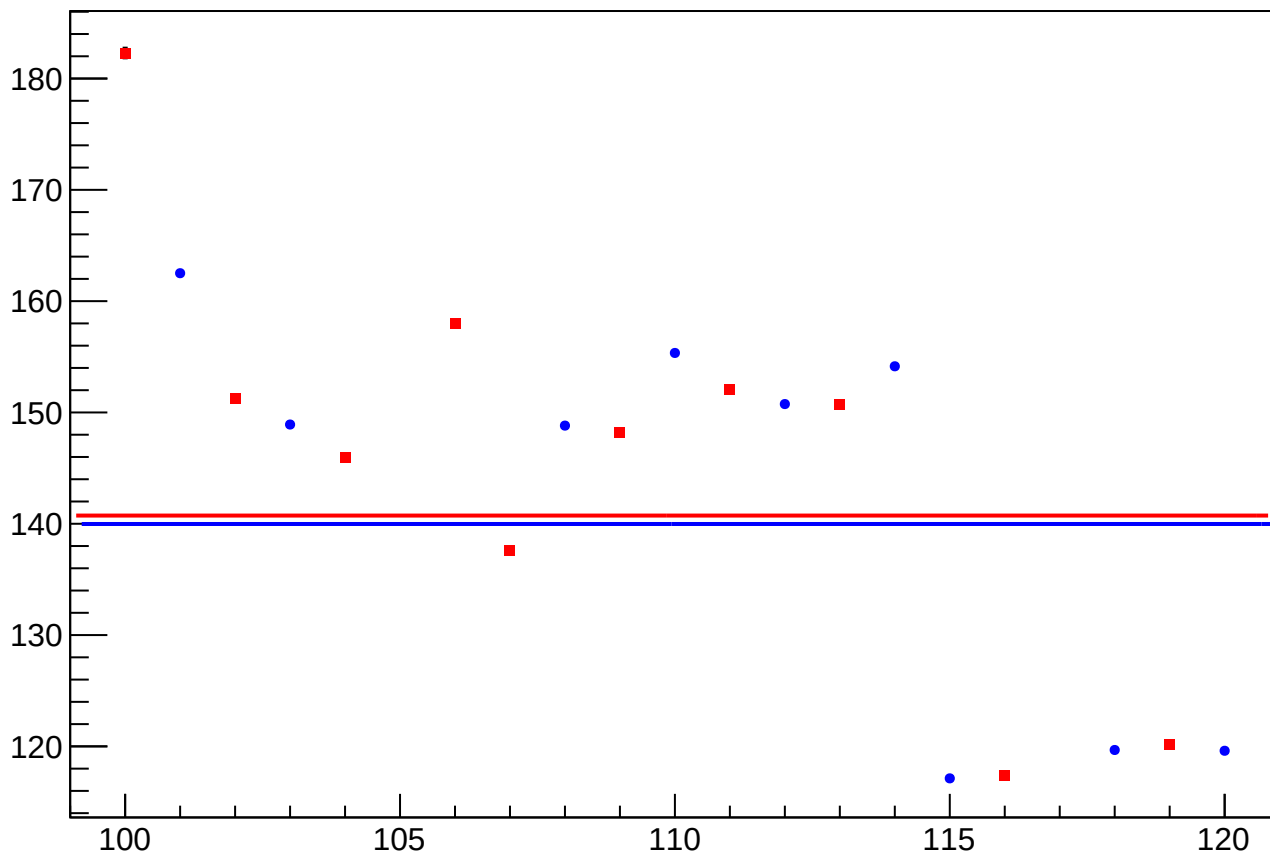
Right: 117.057 $\pm$ 50.718 χ^2 /NDF: 18.2/18

In: 141.967 $\pm$ 73.589 χ^2 /NDF: 8.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 117.057 $\pm$ 50.718 χ^2 /NDF: 18.2/18

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 139.979+/-0.052 χ^2/NDF : 108895.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 140.737+/-0.049 χ^2/NDF : 89491.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

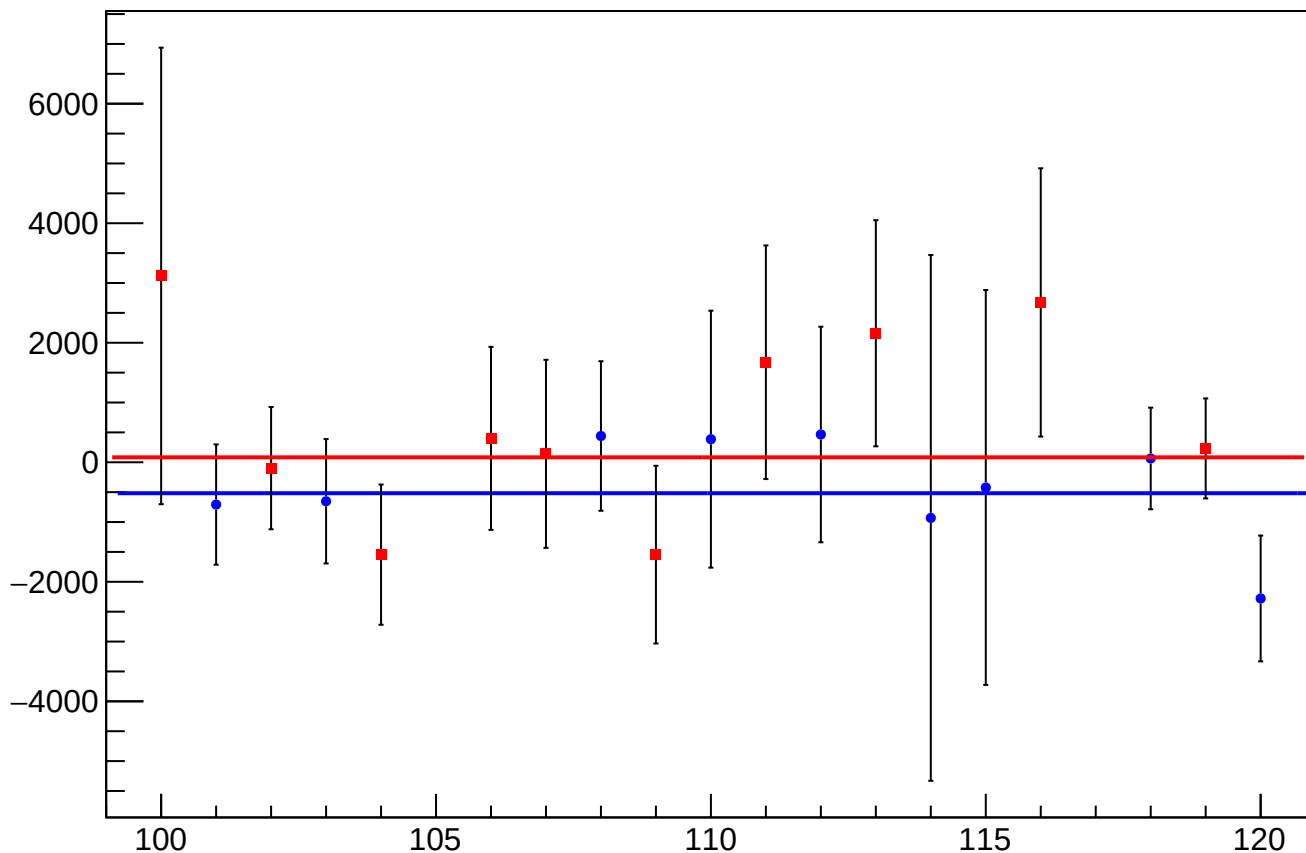
Right: 140.377+/-0.036 χ^2/NDF : 198498.4/18

In: 139.979+/-0.052 χ^2/NDF : 108895.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.377+/-0.036 χ^2/NDF : 198498.4/18

asym_sam_26_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -517.658+/-426.254 χ^2/NDF : 4.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.449+/-438.452 χ^2/NDF : 7.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

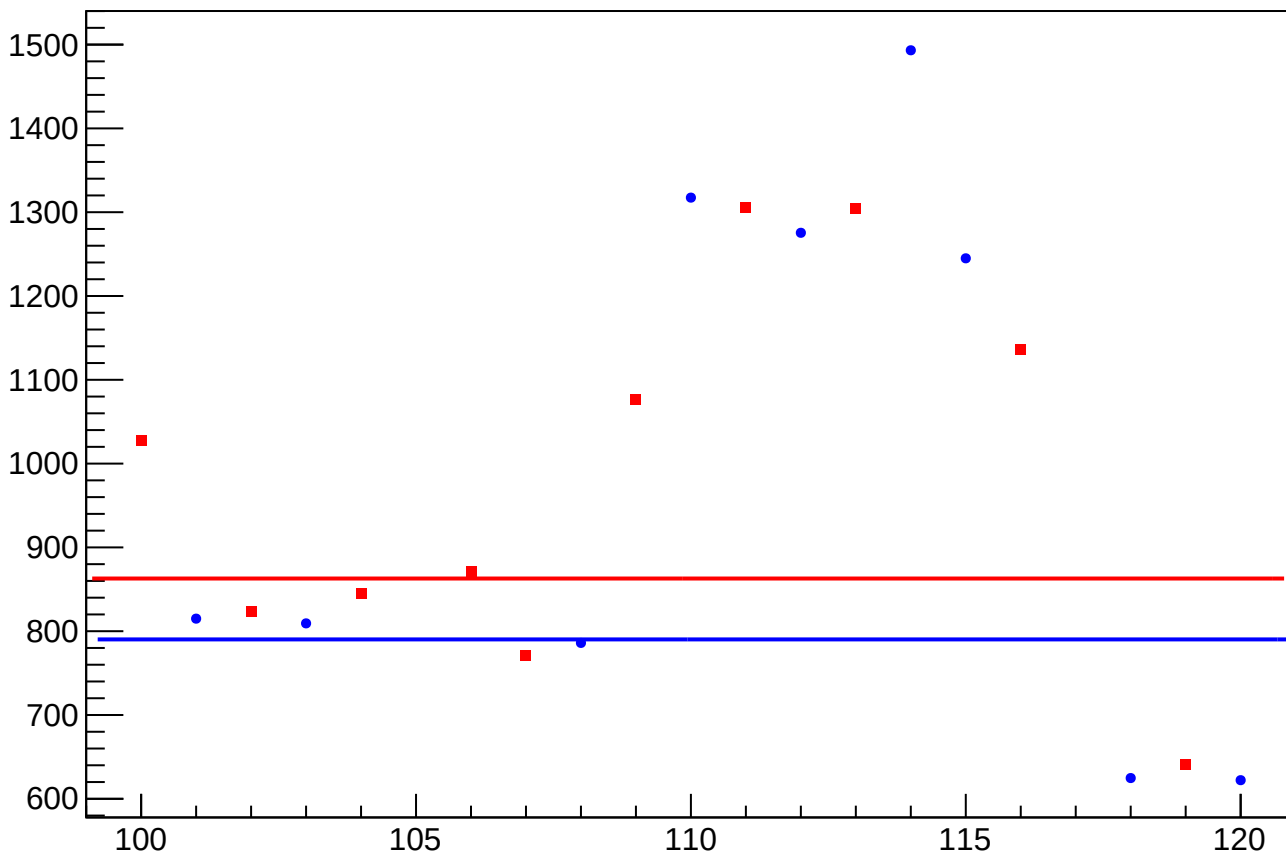
Right: -226.068+/-305.629 χ^2/NDF : 12.4/18

In: -517.658+/-426.254 χ^2/NDF : 4.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -226.068+/-305.629 χ^2/NDF : 12.4/18

asym_sam_26_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 790.204+/-0.301 χ^2/NDF : 482591.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 862.864+/-0.310 χ^2/NDF : 437276.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

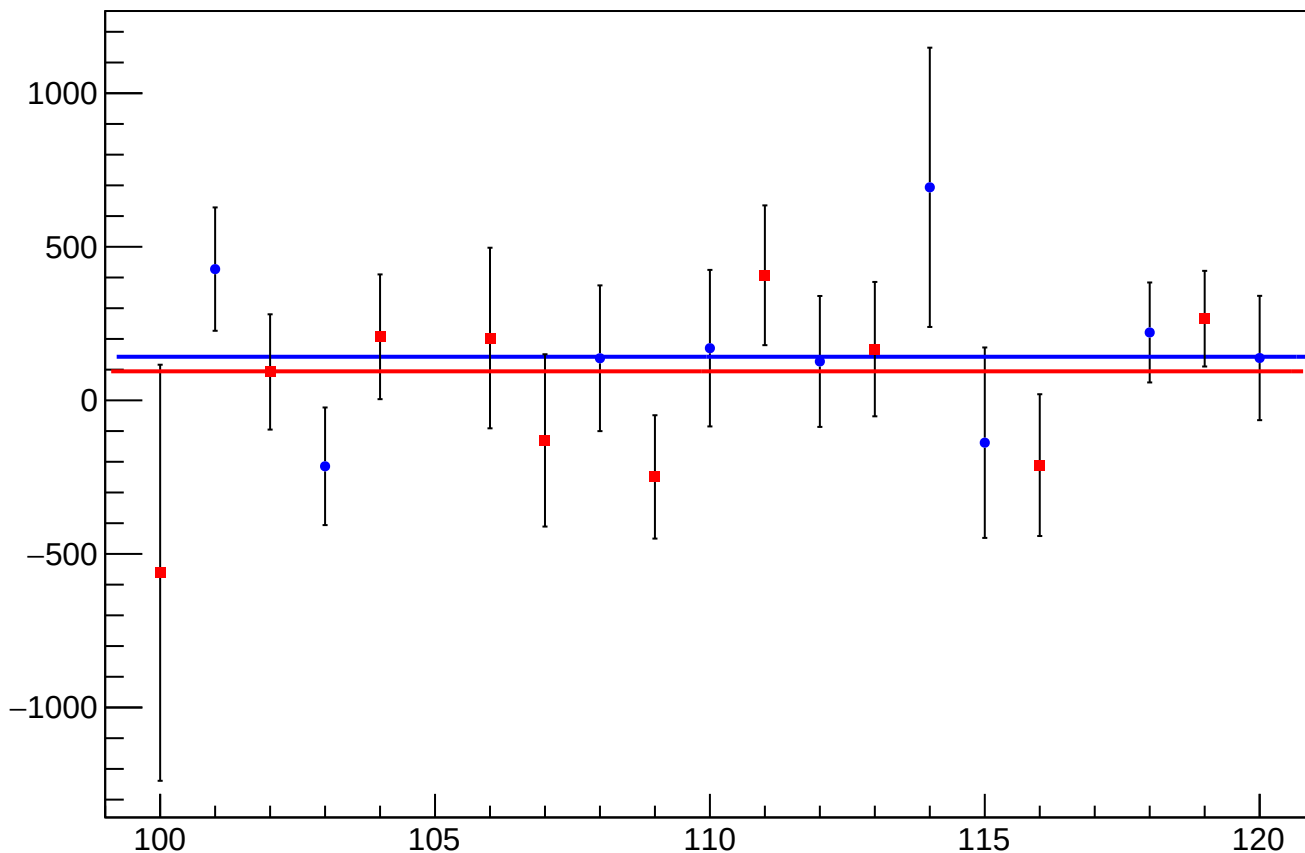
Right: 825.509+/-0.216 χ^2/NDF : 948106.3/18

In: 790.204+/-0.301 χ^2/NDF : 482591.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 825.509+/-0.216 χ^2/NDF : 948106.3/18

eigen_dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 141.966 $\pm$ 73.589 χ^2 /NDF: 8.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 94.519 $\pm$ 69.998 χ^2 /NDF: 9.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

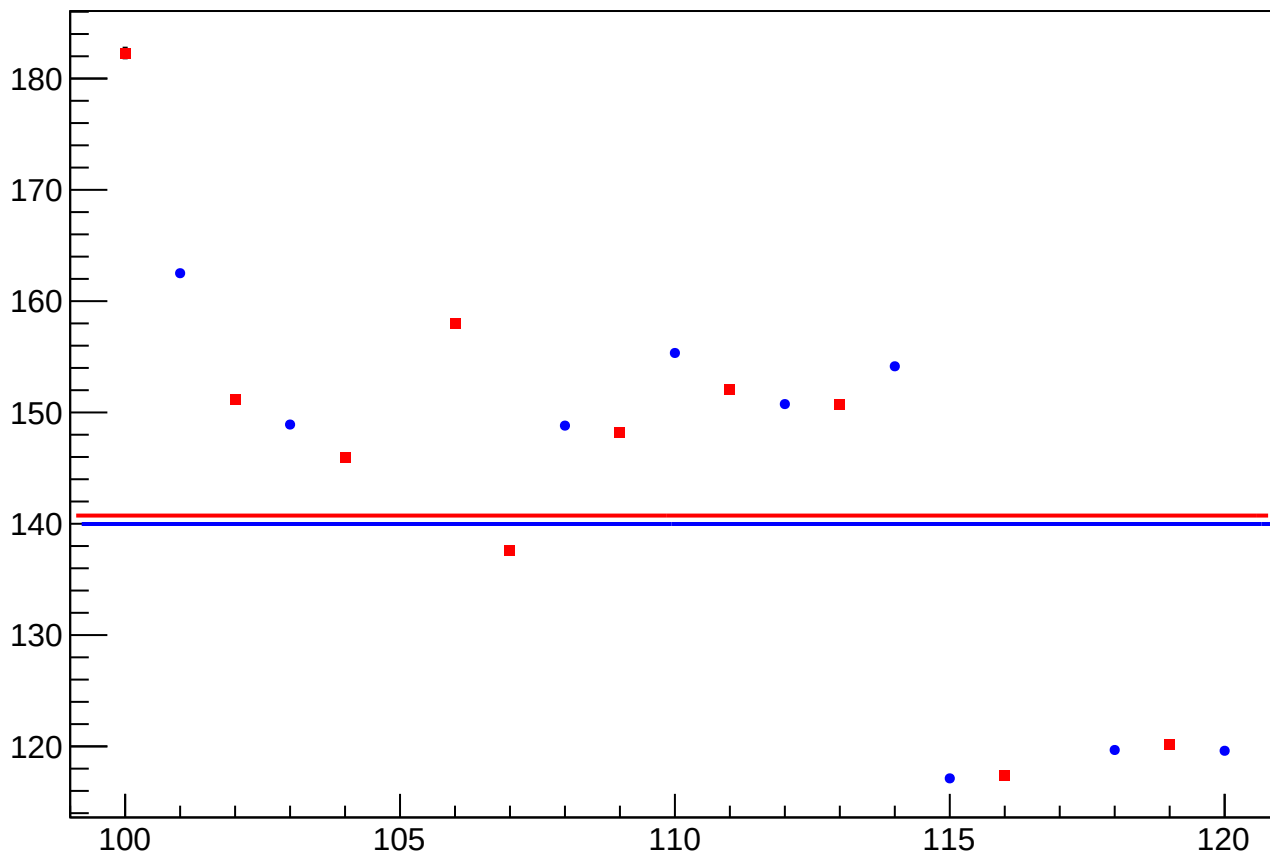
Right: 117.056 $\pm$ 50.718 χ^2 /NDF: 18.2/18

In: 141.966 $\pm$ 73.589 χ^2 /NDF:8.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 117.056 $\pm$ 50.718 χ^2 /NDF: 18.2/18

eigen_dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 139.979+/-0.052 χ^2/NDF : 108889.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 140.736+/-0.049 χ^2/NDF : 89486.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

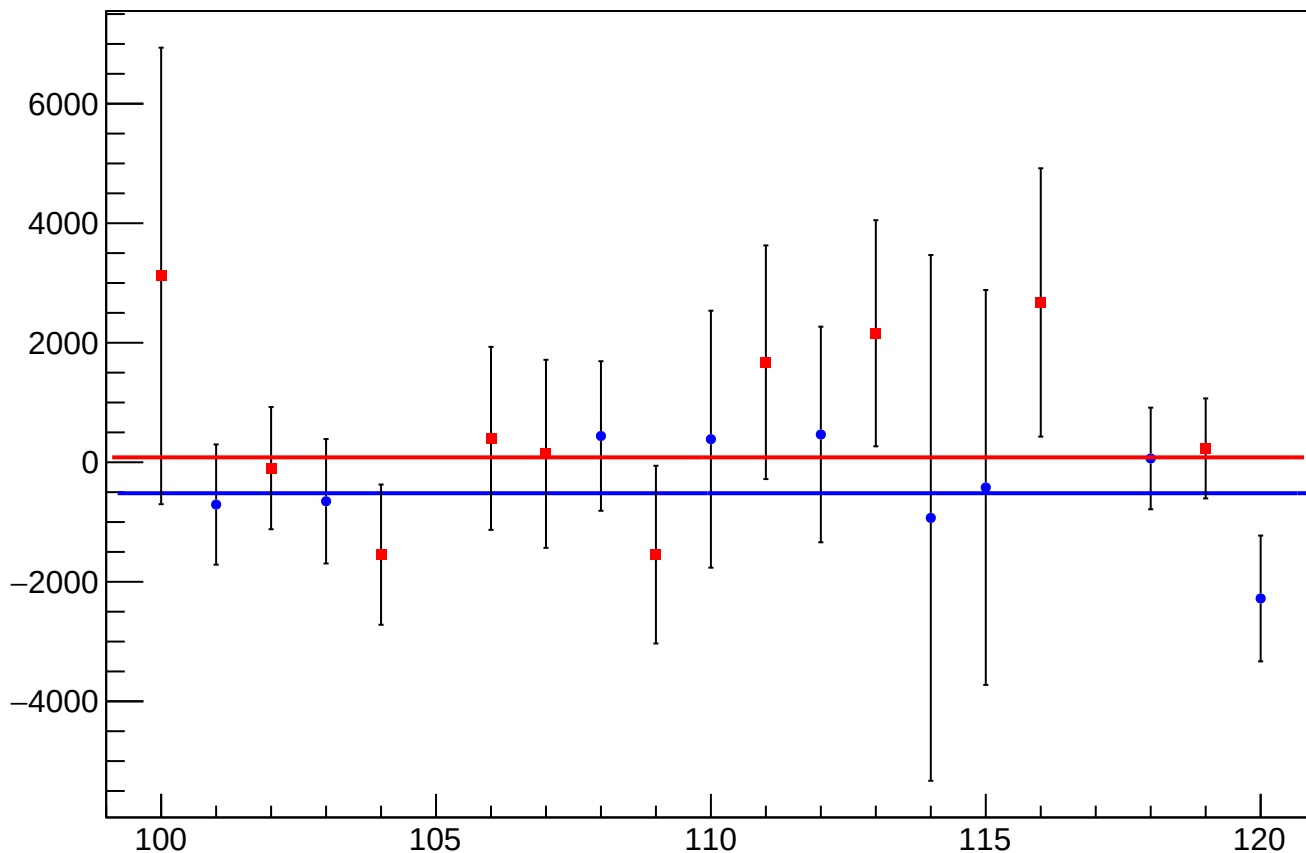
Right: 140.377+/-0.036 χ^2/NDF : 198487.5/18

In: 139.979+/-0.052 χ^2/NDF : 108889.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.377+/-0.036 χ^2/NDF : 198487.5/18

asym_sam_26_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -517.657+/-426.254 χ^2/NDF : 4.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.448+/-438.451 χ^2/NDF : 7.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

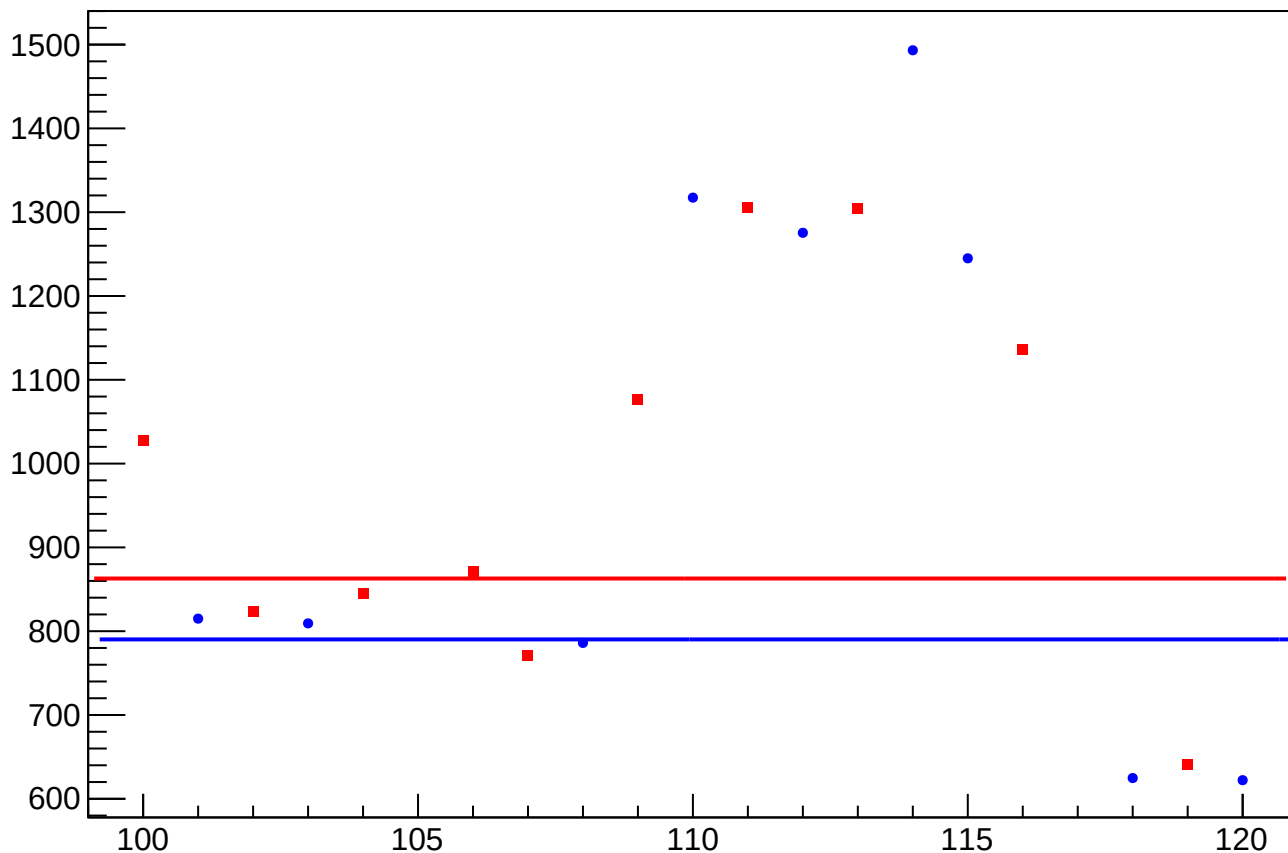
Right: -226.068+/-305.628 χ^2/NDF : 12.4/18

In: -517.657+/-426.254 χ^2/NDF : 4.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -226.068+/-305.628 χ^2/NDF : 12.4/18

asym_sam_26_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 790.203+/-0.301 χ^2/NDF : 482586.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 862.863+/-0.310 χ^2/NDF : 437271.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

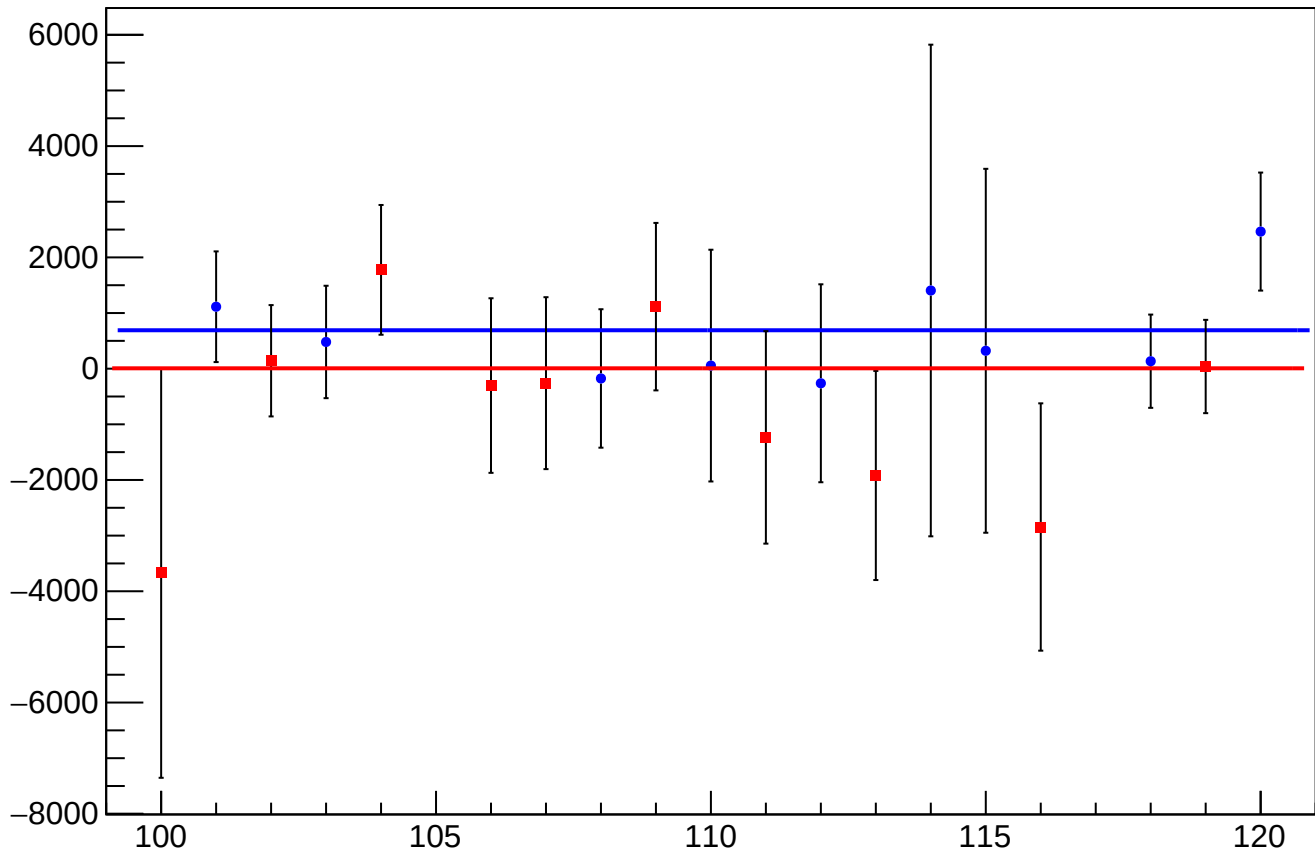
Right: 825.508+/-0.216 χ^2/NDF : 948095.8/18

In: 790.203+/-0.301 χ^2/NDF : 482586.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 825.508+/-0.216 χ^2/NDF : 948095.8/18

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 690.583 $\pm$ 421.006 χ^2/NDF : 4.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 6.684 $\pm$ 436.097 χ^2/NDF : 7.1/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

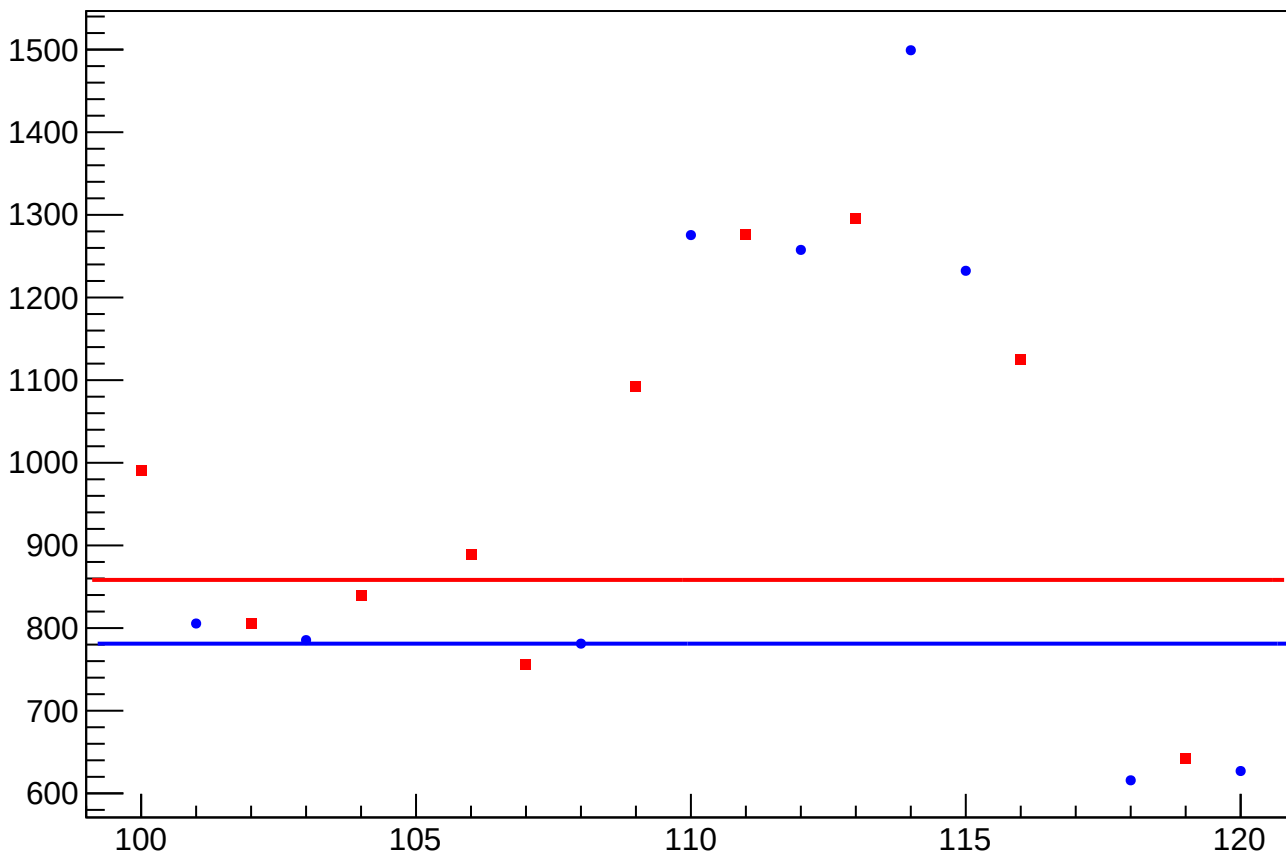
Right: 360.671 $\pm$ 302.891 χ^2/NDF : 12.7/18

In: 690.583 $\pm$ 421.006 χ^2/NDF : 4.4/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 360.671 $\pm$ 302.891 χ^2/NDF : 12.7/18

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 781.142+/-0.298 χ^2/NDF : 468510.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 858.278+/-0.308 χ^2/NDF : 432162.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

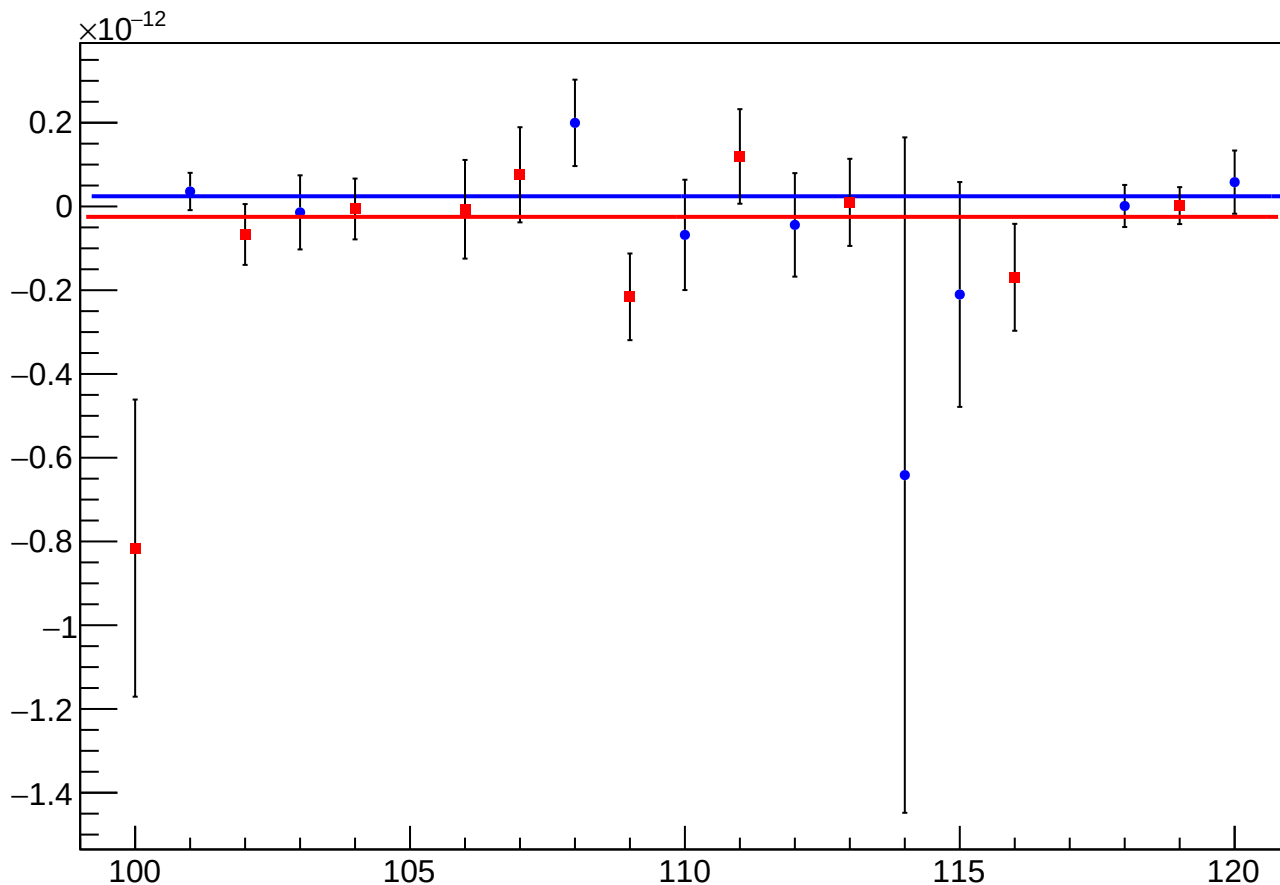
Right: 818.352+/-0.214 χ^2/NDF : 933060.3/18

In: 781.142+/-0.298 χ^2/NDF : 468510.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 818.352+/-0.214 χ^2/NDF : 933060.3/18

asym_sam_26_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

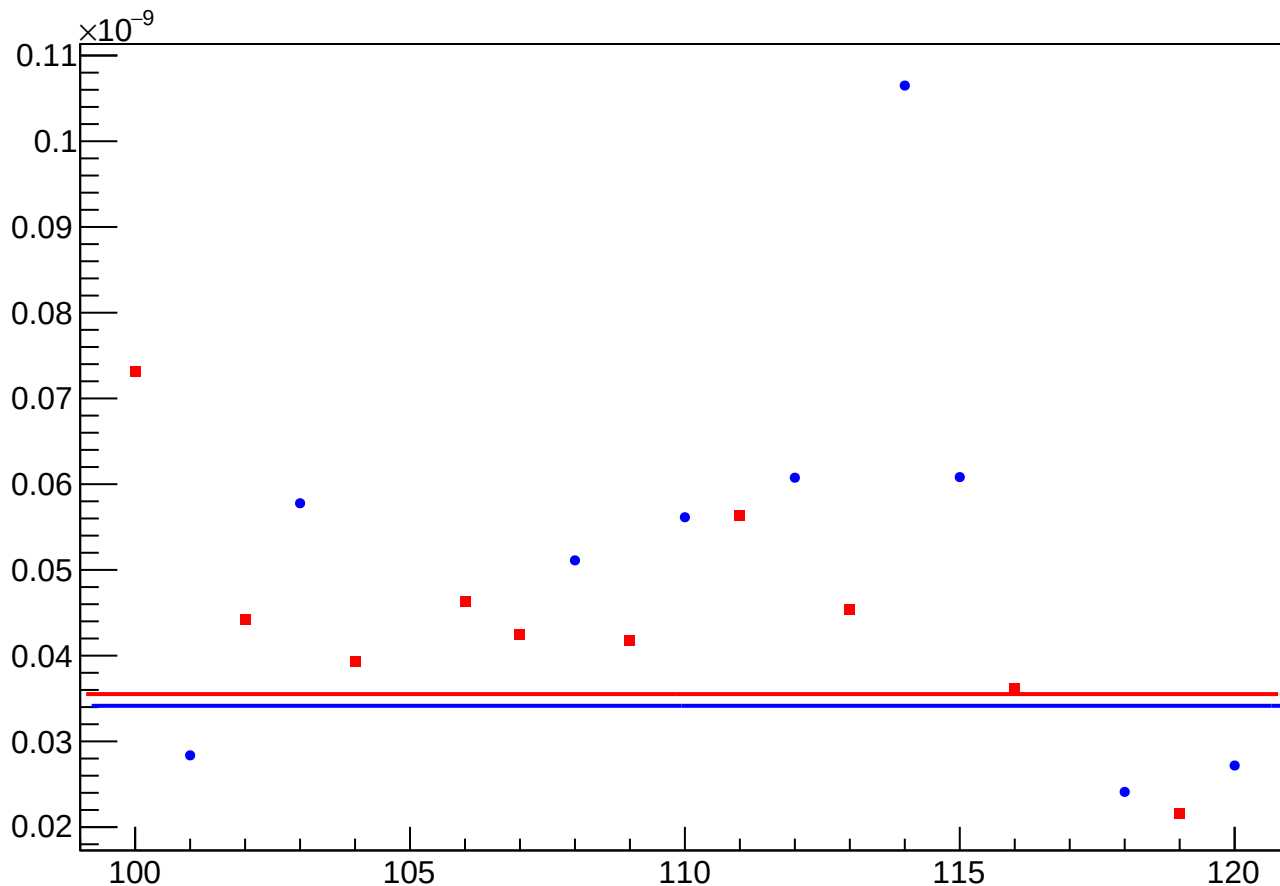
Right: 0.000+/-0.000 χ^2/NDF : 20.5/18

In: 0.000+/-0.000 χ^2/NDF : 5.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.5/18

asym_sam_26_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 511306.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 373770.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

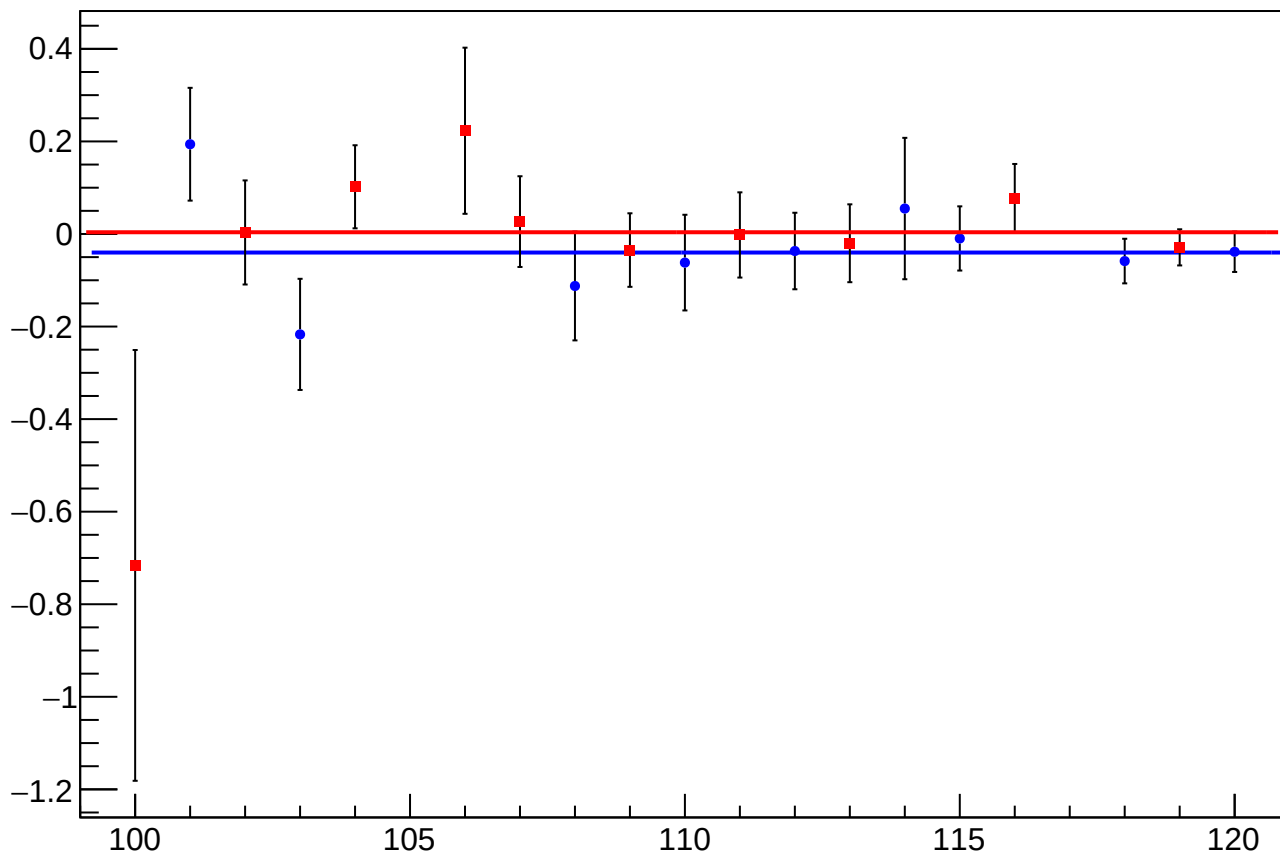
Right: 0.000+/-0.000 χ^2/NDF : 887704.4/18

In: 0.000+/-0.000 χ^2/NDF : 511306.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 887704.4/18

asym_sam_26_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040 $\pm$ 0.025 χ^2 /NDF: 7.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.025 χ^2 /NDF: 7.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

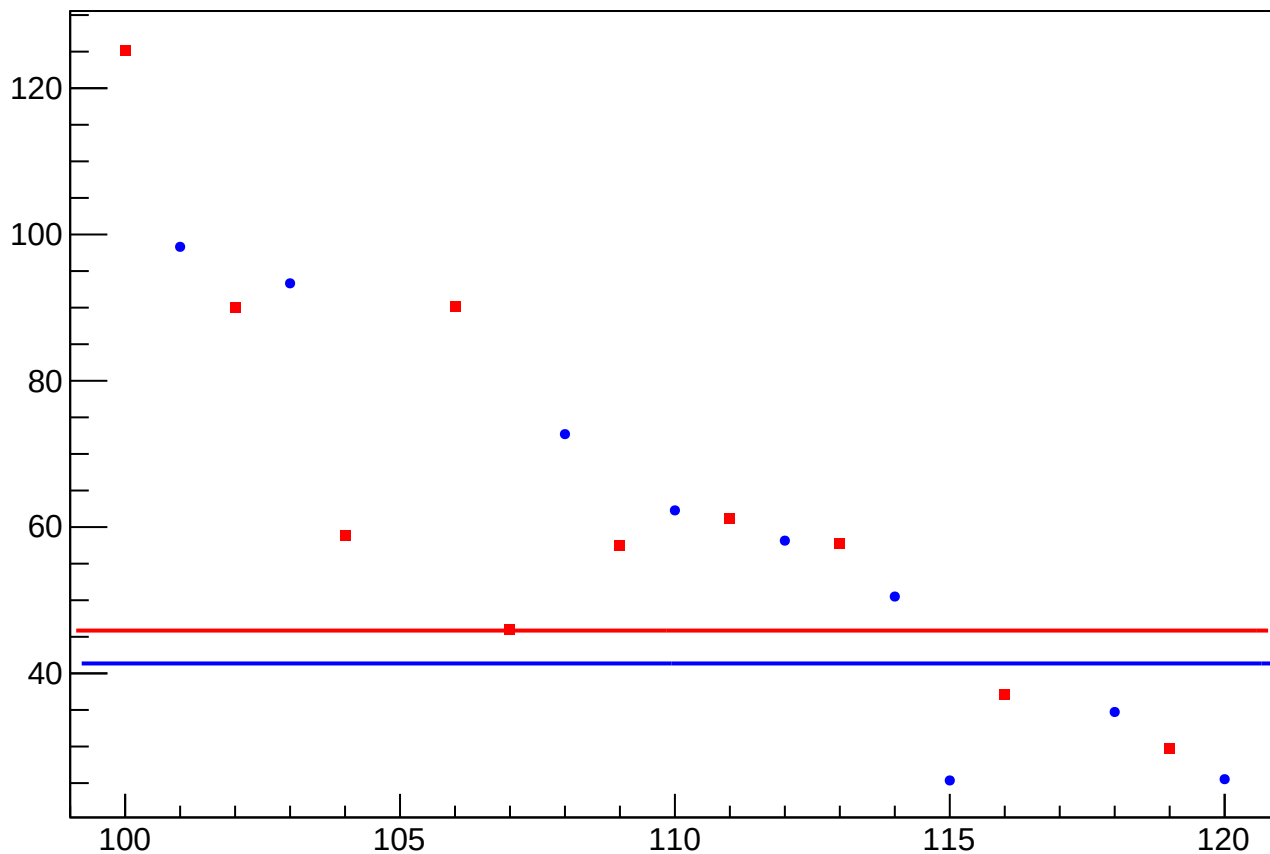
Right: -0.019 $\pm$ 0.018 χ^2 /NDF: 15.7/18

In: -0.040 $\pm$ 0.025 χ^2 /NDF:7.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.019 $\pm$ 0.018 χ^2 /NDF: 15.7/18

asym_sam_26_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.357+/-0.017 χ^2/NDF : 1533444.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.853+/-0.018 χ^2/NDF : 1037023.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

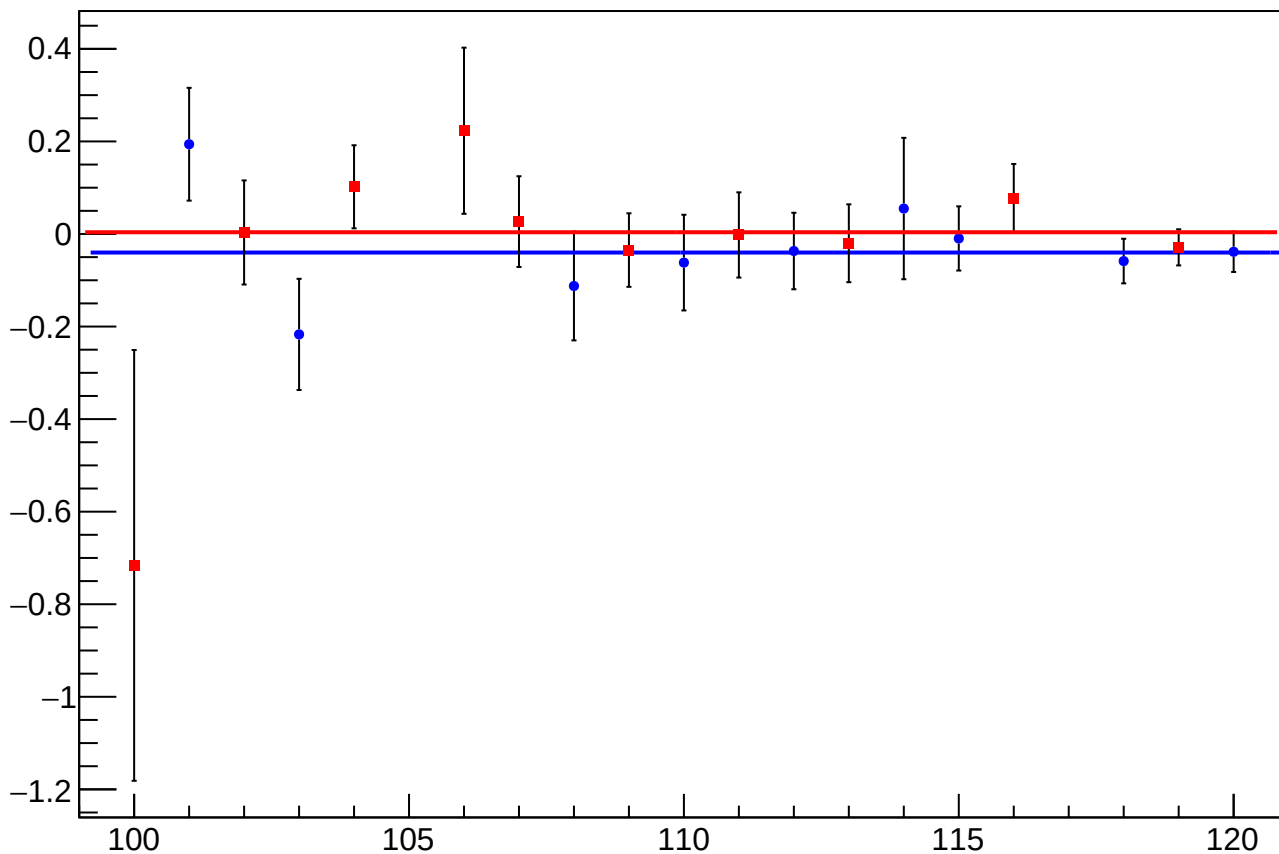
Right: 43.566+/-0.012 χ^2/NDF : 2603382.5/18

In: 41.357+/-0.017 χ^2/NDF : 1533444.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.566+/-0.012 χ^2/NDF : 2603382.5/18

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040+/-0.025 χ^2/NDF : 7.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.025 χ^2/NDF : 7.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

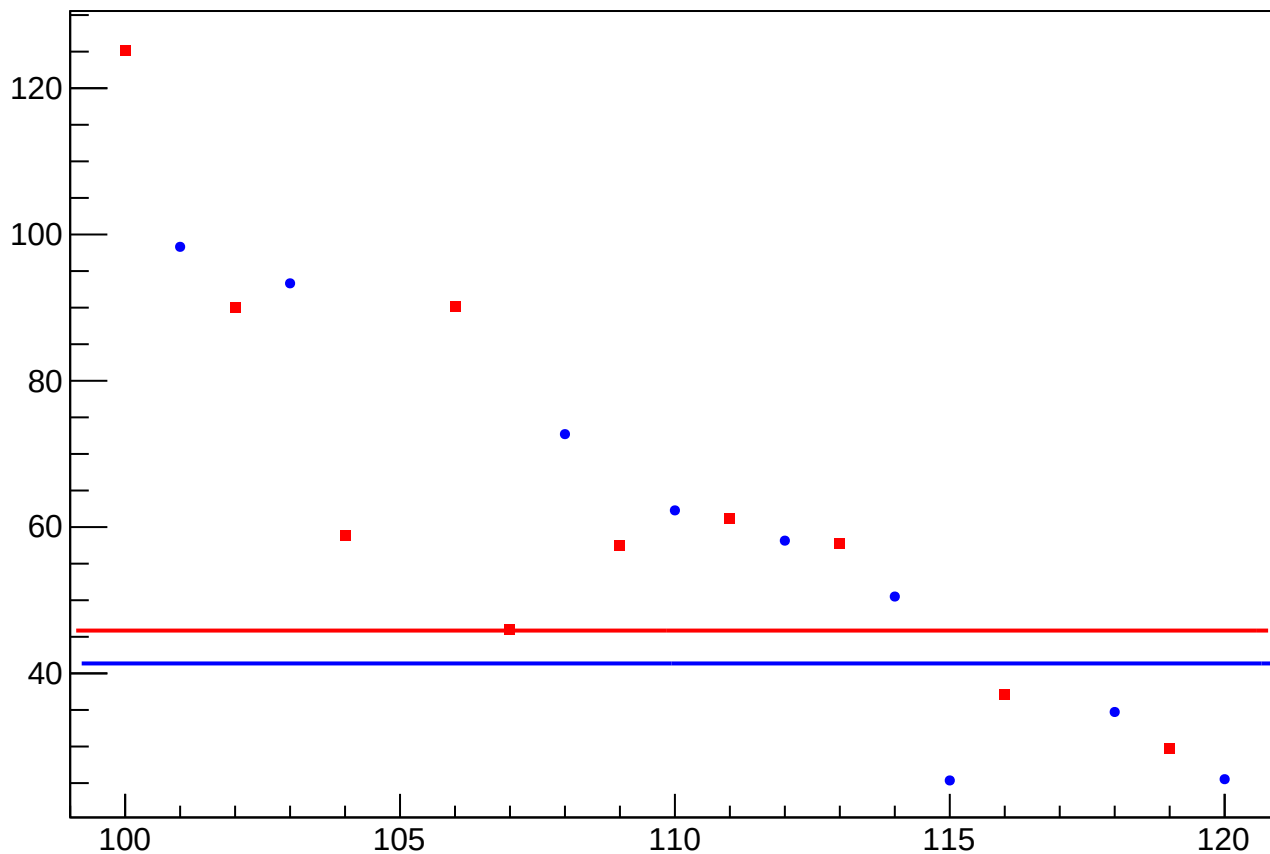
Right: -0.019+/-0.018 χ^2/NDF : 15.7/18

In: -0.040+/-0.025 χ^2/NDF :7.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.019+/-0.018 χ^2/NDF : 15.7/18

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.357+/-0.017 χ^2/NDF : 1533444.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.853+/-0.018 χ^2/NDF : 1037023.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

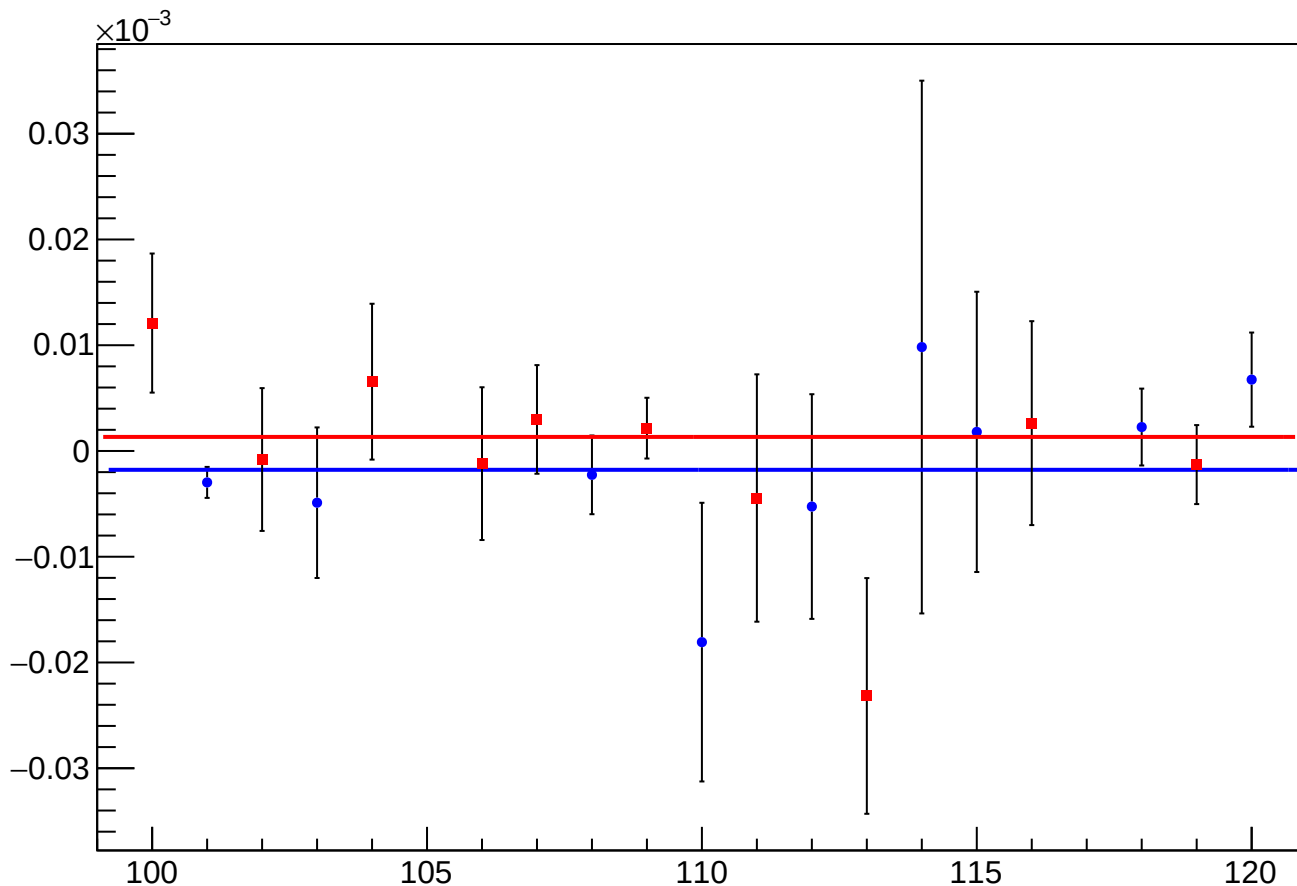
Right: 43.566+/-0.012 χ^2/NDF : 2603382.5/18

In: 41.357+/-0.017 χ^2/NDF : 1533444.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.566+/-0.012 χ^2/NDF : 2603382.5/18

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

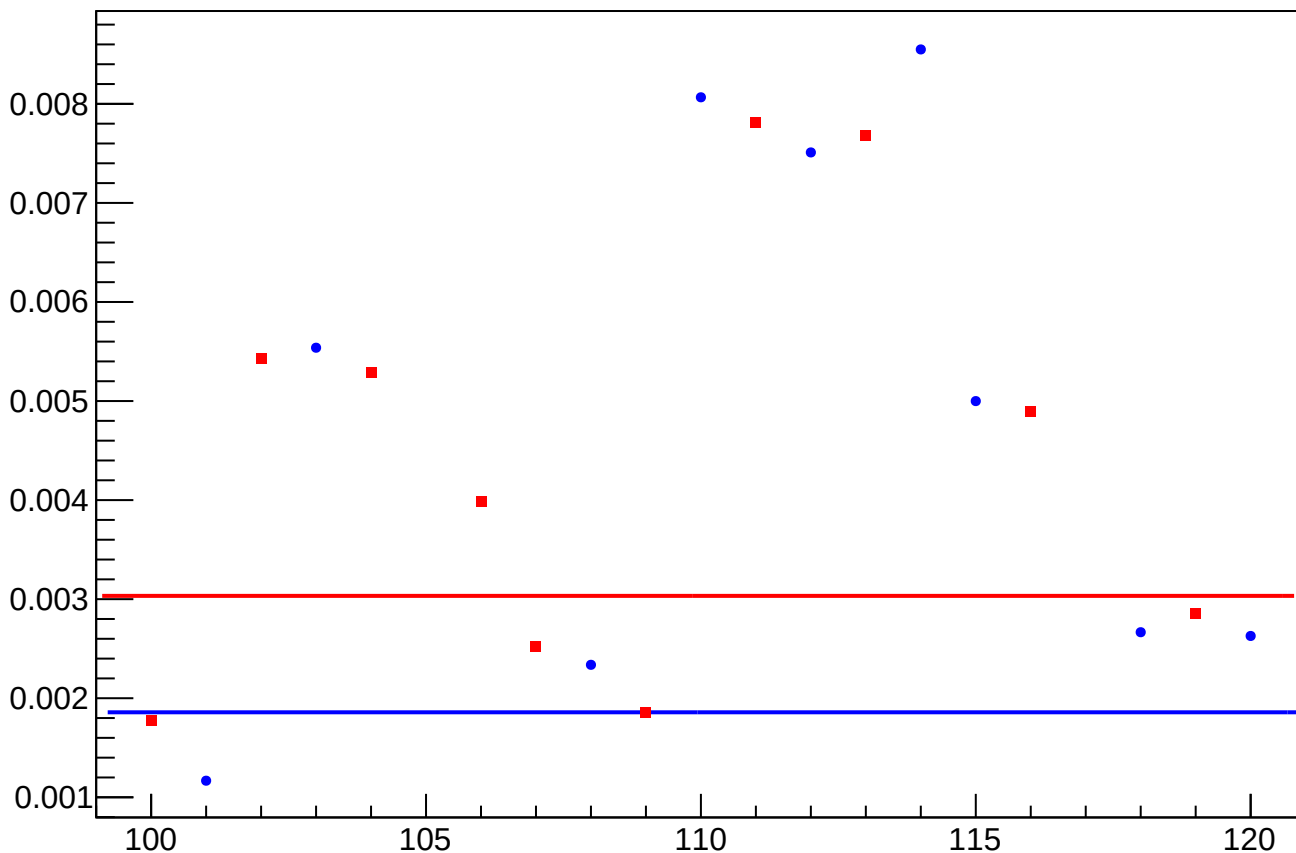
Right: -0.000+/-0.000 χ^2/NDF : 19.1/18

In: -0.000+/-0.000 χ^2/NDF : 7.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.1/18

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2434426.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1669309.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

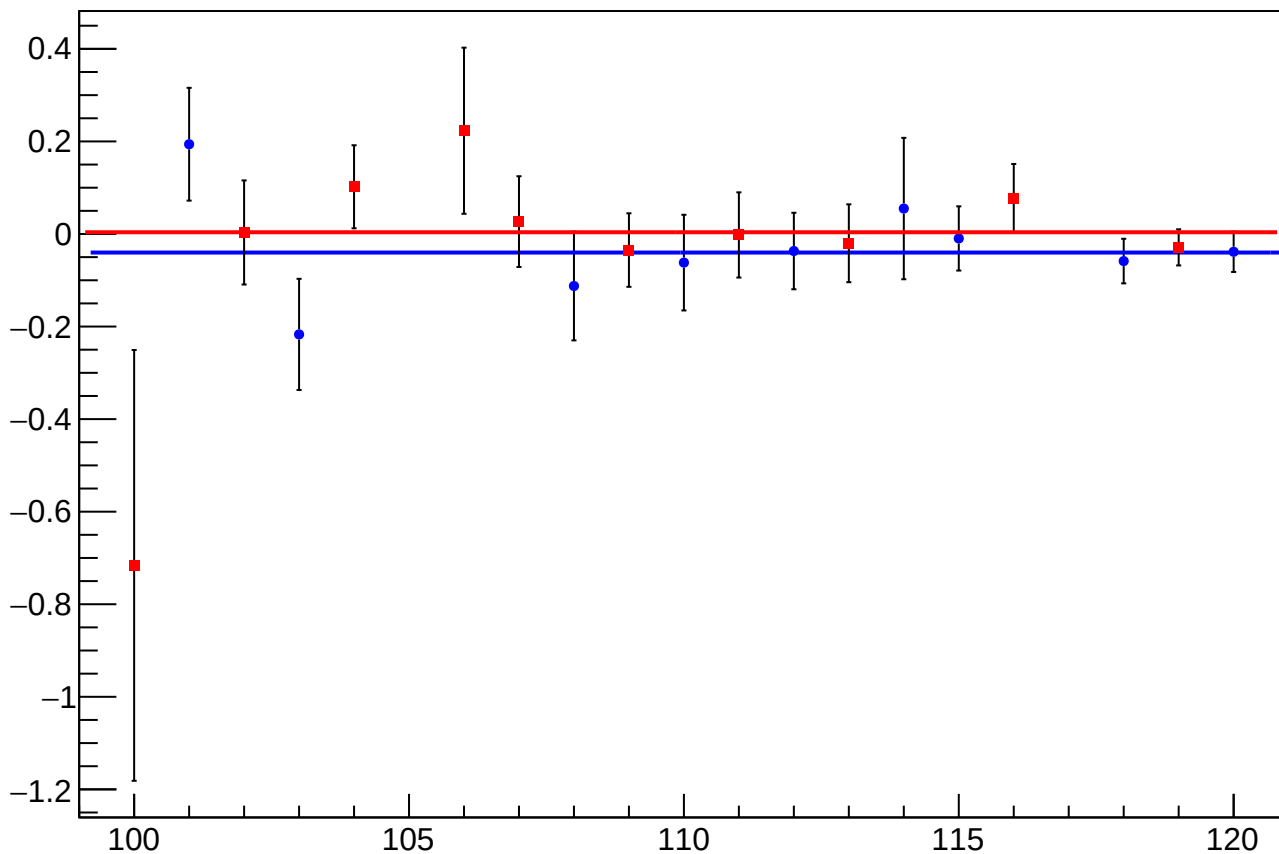
Right: 0.002+/-0.000 χ^2/NDF : 4737091.7/18

In: 0.002+/-0.000 χ^2/NDF :2434426.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4737091.7/18

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040±/0.025 χ^2 /NDF: 7.0/8

Left Out: 0.000±/0.000 χ^2 /NDF:0.0/0

Right Out: 0.004±/0.025 χ^2 /NDF: 7.2/9

Left In: 0.000±/0.000 χ^2 /NDF:0.0/0

Left: 0.000±/0.000 χ^2 /NDF: 0.0/0

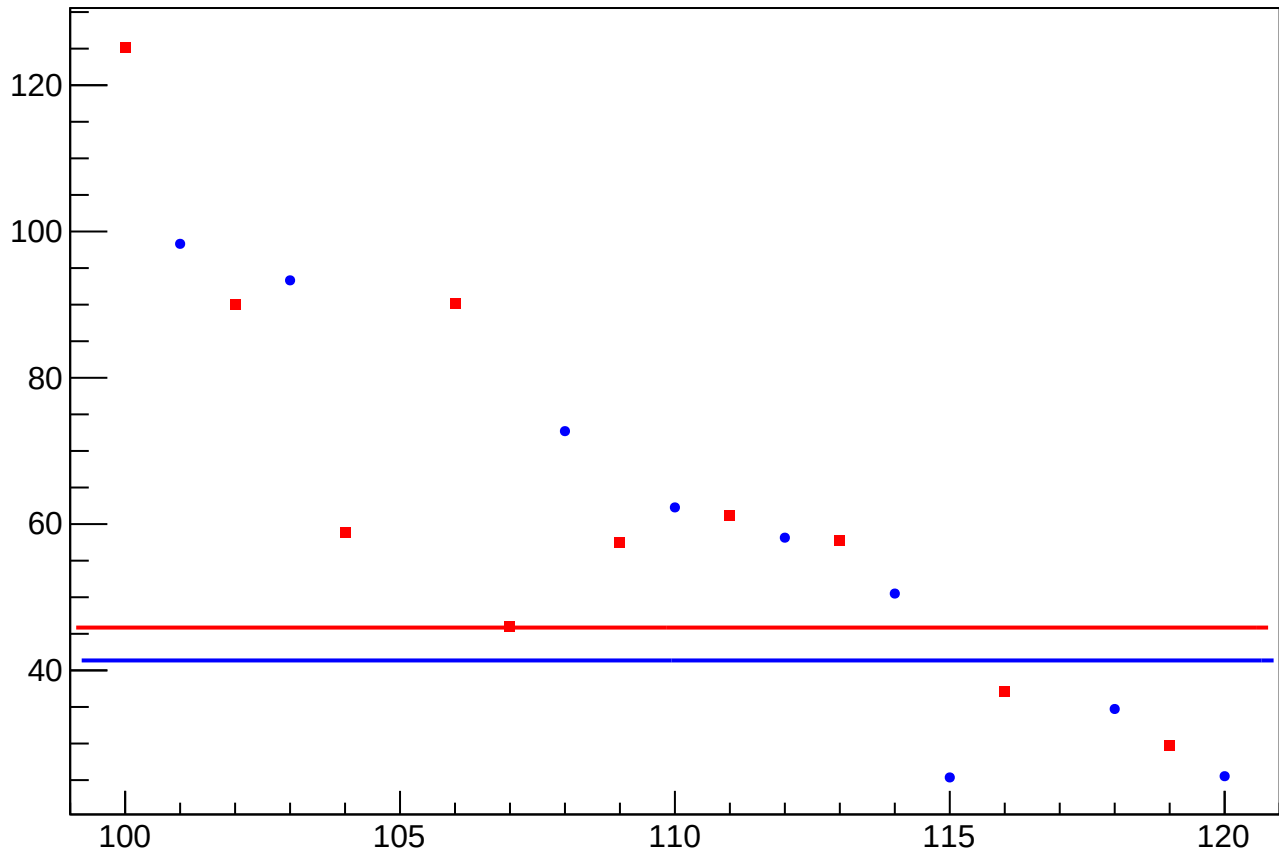
Right: -0.019±/0.018 χ^2 /NDF: 15.7/18

In: -0.040±/0.025 χ^2 /NDF:7.0/8

Out: 0.000±/0.000 χ^2 /NDF:0.0/0

All: -0.019±/0.018 χ^2 /NDF: 15.7/18

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.358+/-0.017 χ^2/NDF : 1533328.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.854+/-0.018 χ^2/NDF : 1036882.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

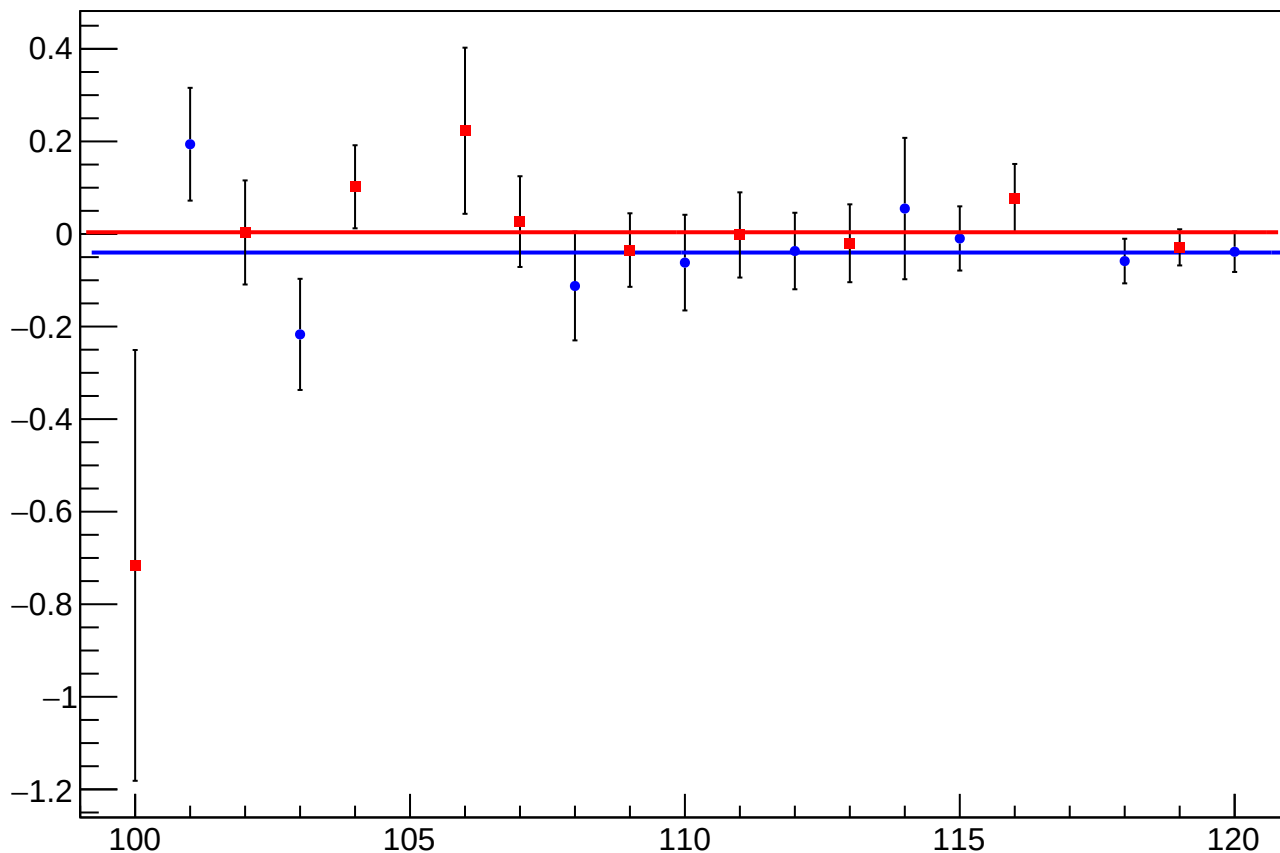
Right: 43.567+/-0.012 χ^2/NDF : 2603121.5/18

In: 41.358+/-0.017 χ^2/NDF : 1533328.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.567+/-0.012 χ^2/NDF : 2603121.5/18

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040+/-0.025 χ^2/NDF : 7.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.025 χ^2/NDF : 7.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

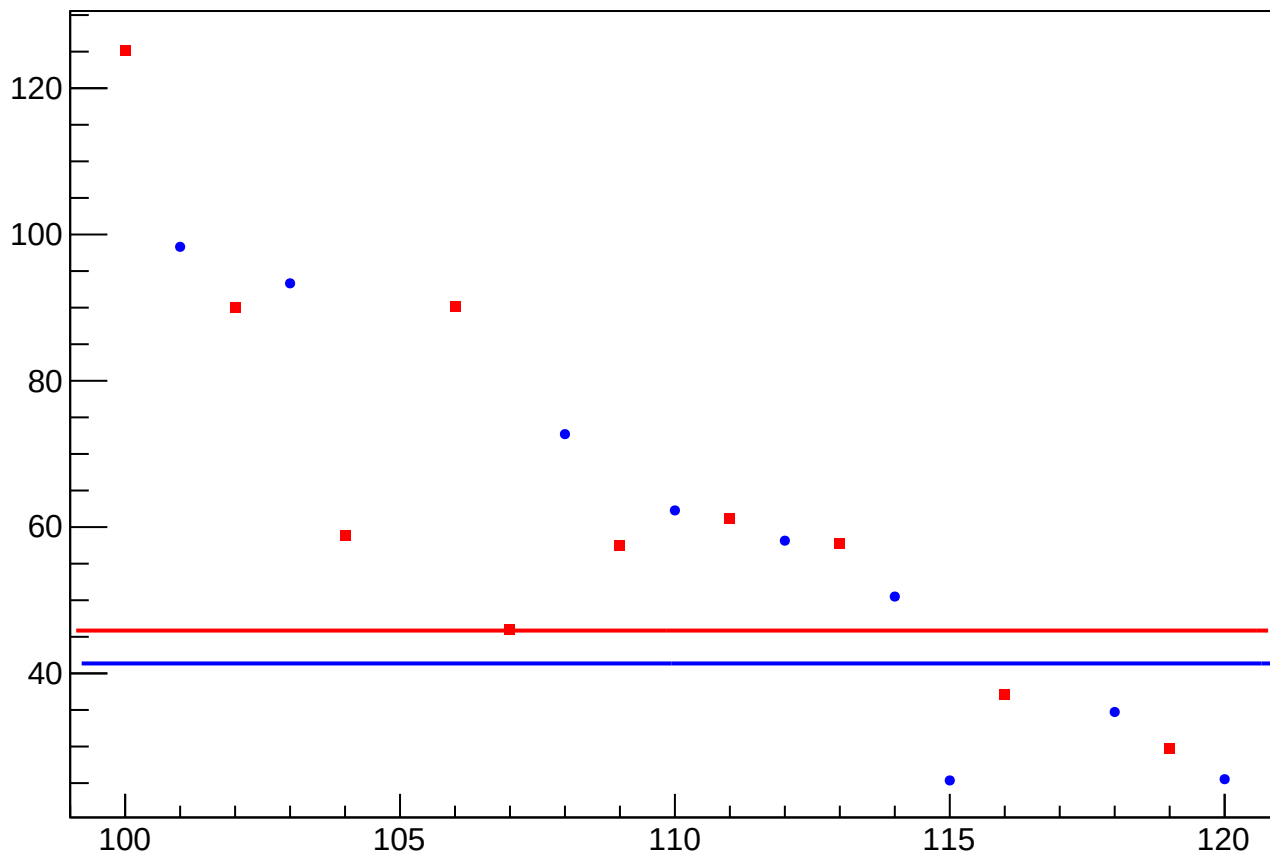
Right: -0.019+/-0.018 χ^2/NDF : 15.7/18

In: -0.040+/-0.025 χ^2/NDF :7.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.019+/-0.018 χ^2/NDF : 15.7/18

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.358+/-0.017 χ^2/NDF : 1533328.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.854+/-0.018 χ^2/NDF : 1036882.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

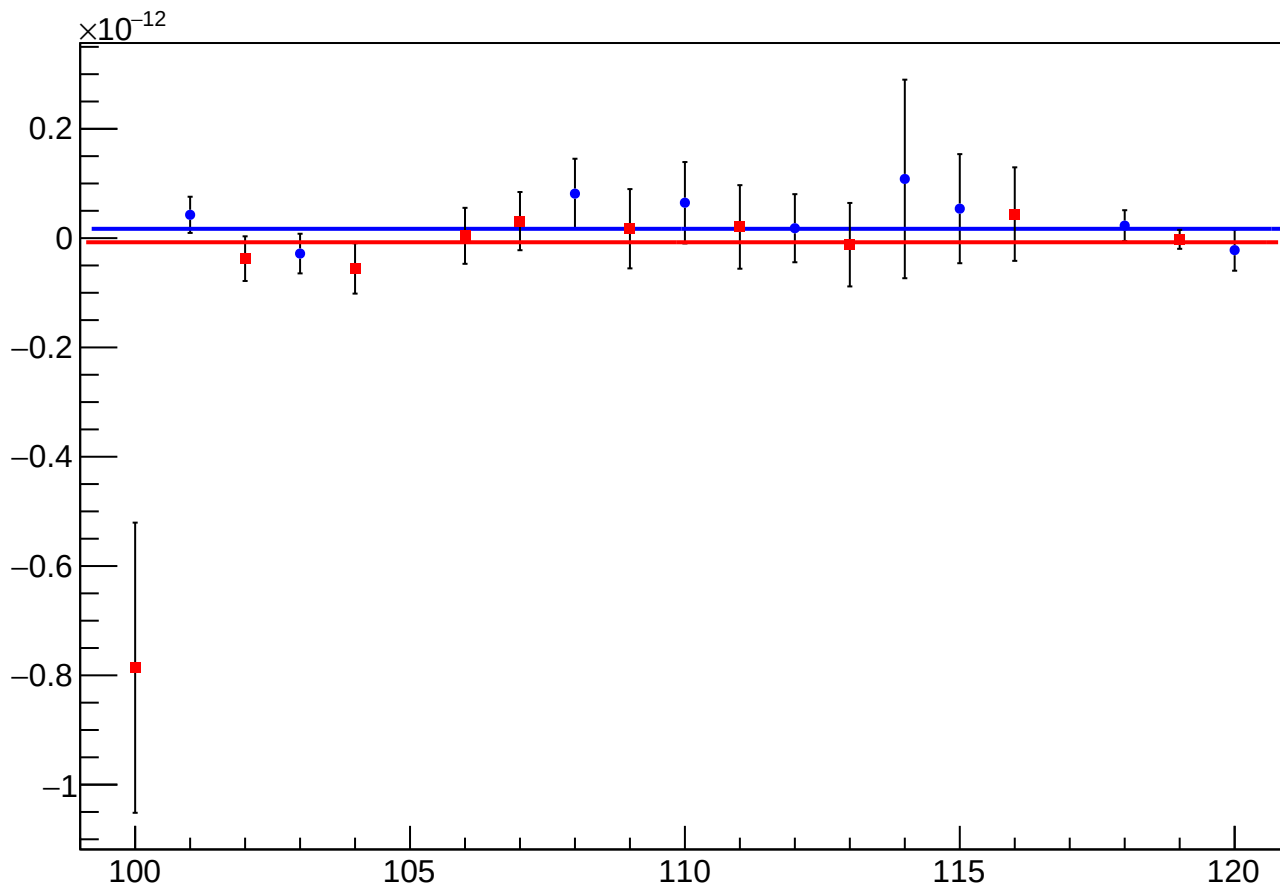
Right: 43.567+/-0.012 χ^2/NDF : 2603121.5/18

In: 41.358+/-0.017 χ^2/NDF : 1533328.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.567+/-0.012 χ^2/NDF : 2603121.5/18

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

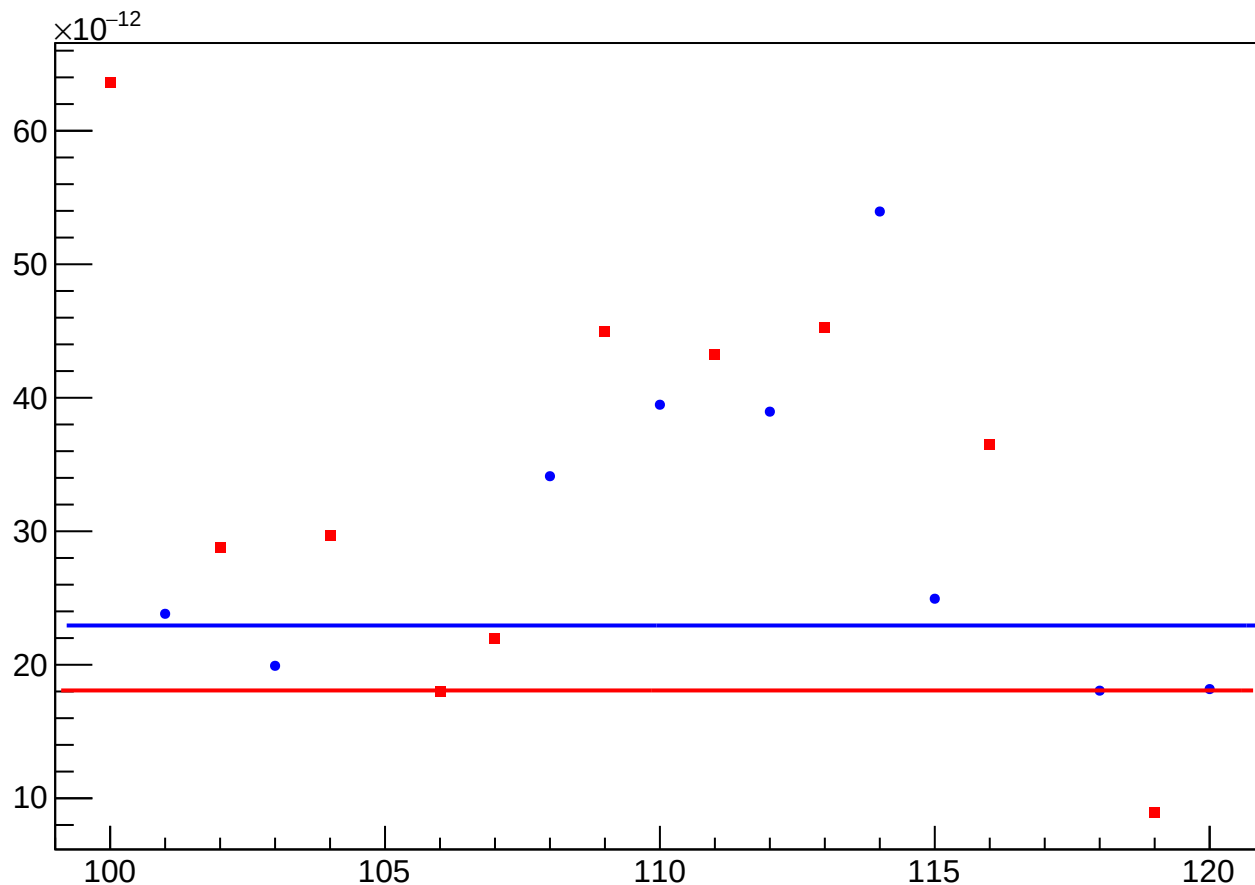
Right: 0.000+/-0.000 χ^2/NDF : 18.1/18

In: 0.000+/-0.000 χ^2/NDF : 5.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.1/18

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 458408.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1727667.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

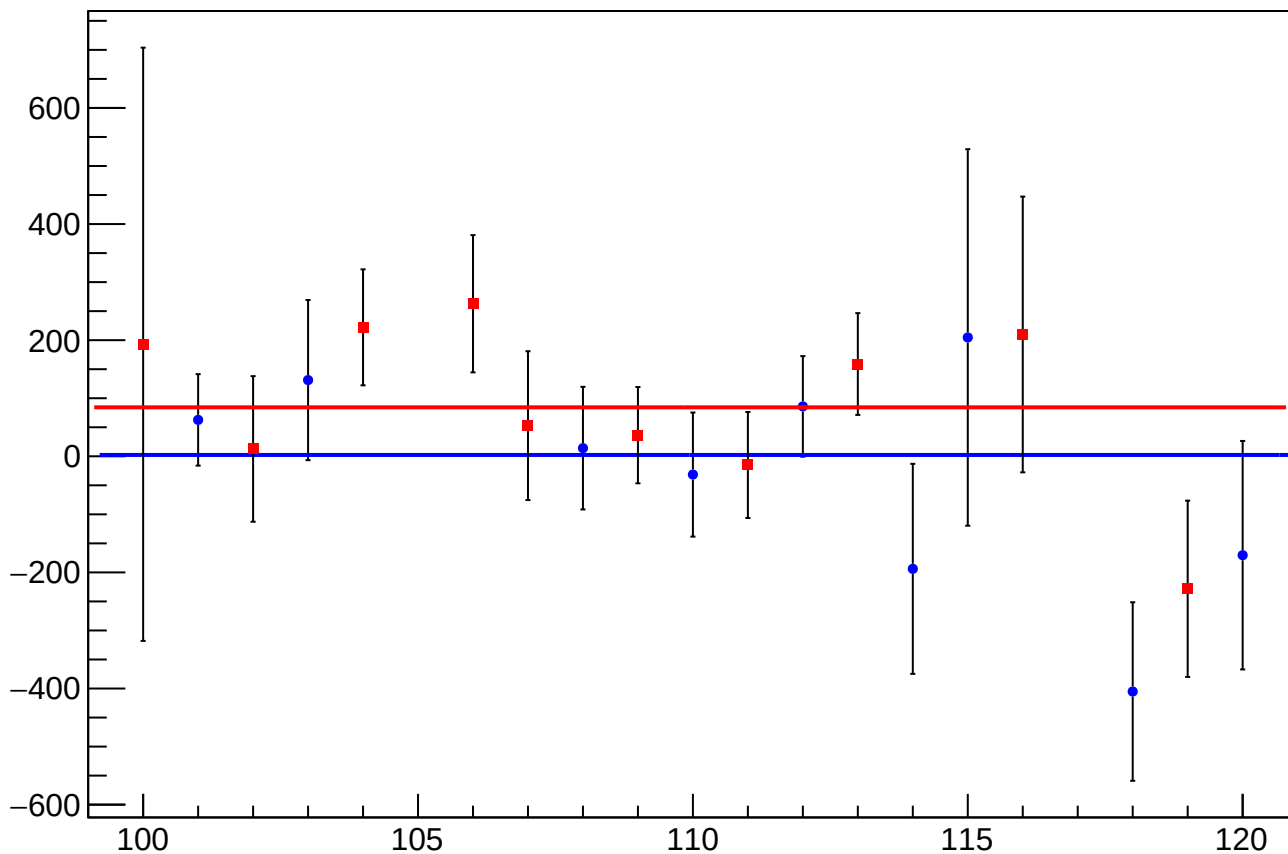
Right: 0.000+/-0.000 χ^2/NDF : 2305397.6/18

In: 0.000+/-0.000 χ^2/NDF : 458408.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2305397.6/18

reg_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 2.298+/-39.763 χ^2/NDF : 11.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.326+/-36.347 χ^2/NDF : 11.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

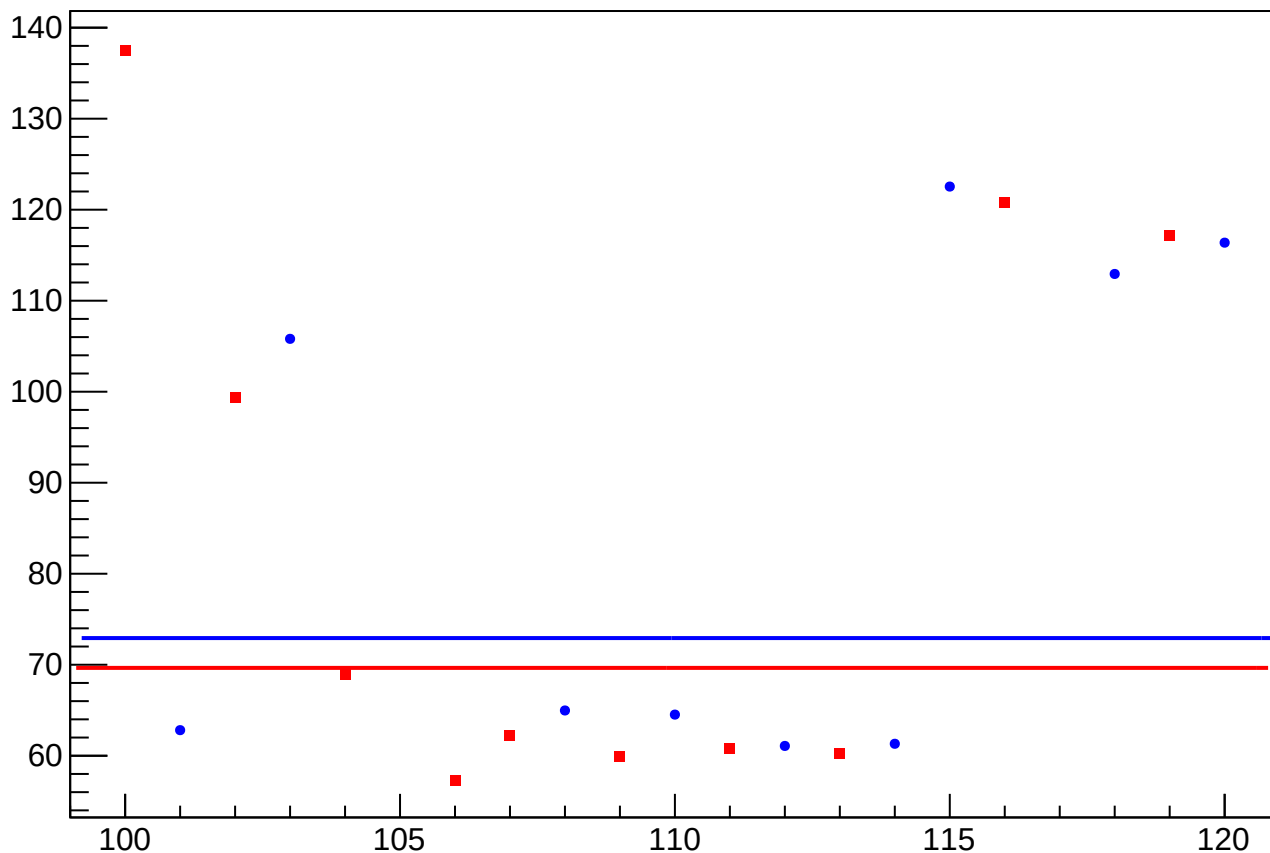
Right: 46.986+/-26.828 χ^2/NDF : 25.6/18

In: 2.298+/-39.763 χ^2/NDF : 11.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.986+/-26.828 χ^2/NDF : 25.6/18

reg_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 72.931+/-0.028 χ^2/NDF : 495834.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.654+/-0.026 χ^2/NDF : 533339.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

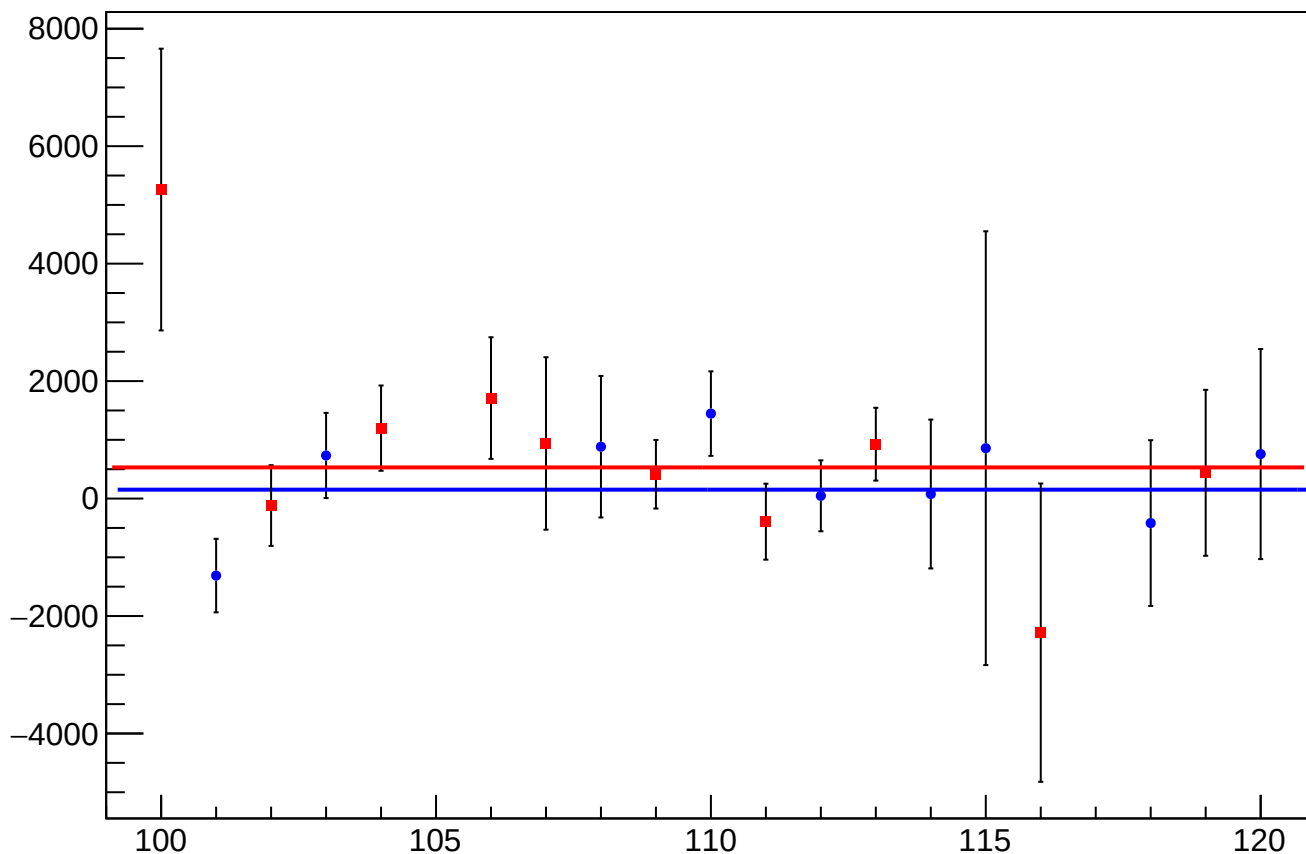
Right: 71.146+/-0.019 χ^2/NDF : 1036570.2/18

In: 72.931+/-0.028 χ^2/NDF : 495834.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.146+/-0.019 χ^2/NDF : 1036570.2/18

asym_sam_1548_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 151.408+/-297.148 χ^2/NDF : 10.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 530.662+/-265.667 χ^2/NDF : 10.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

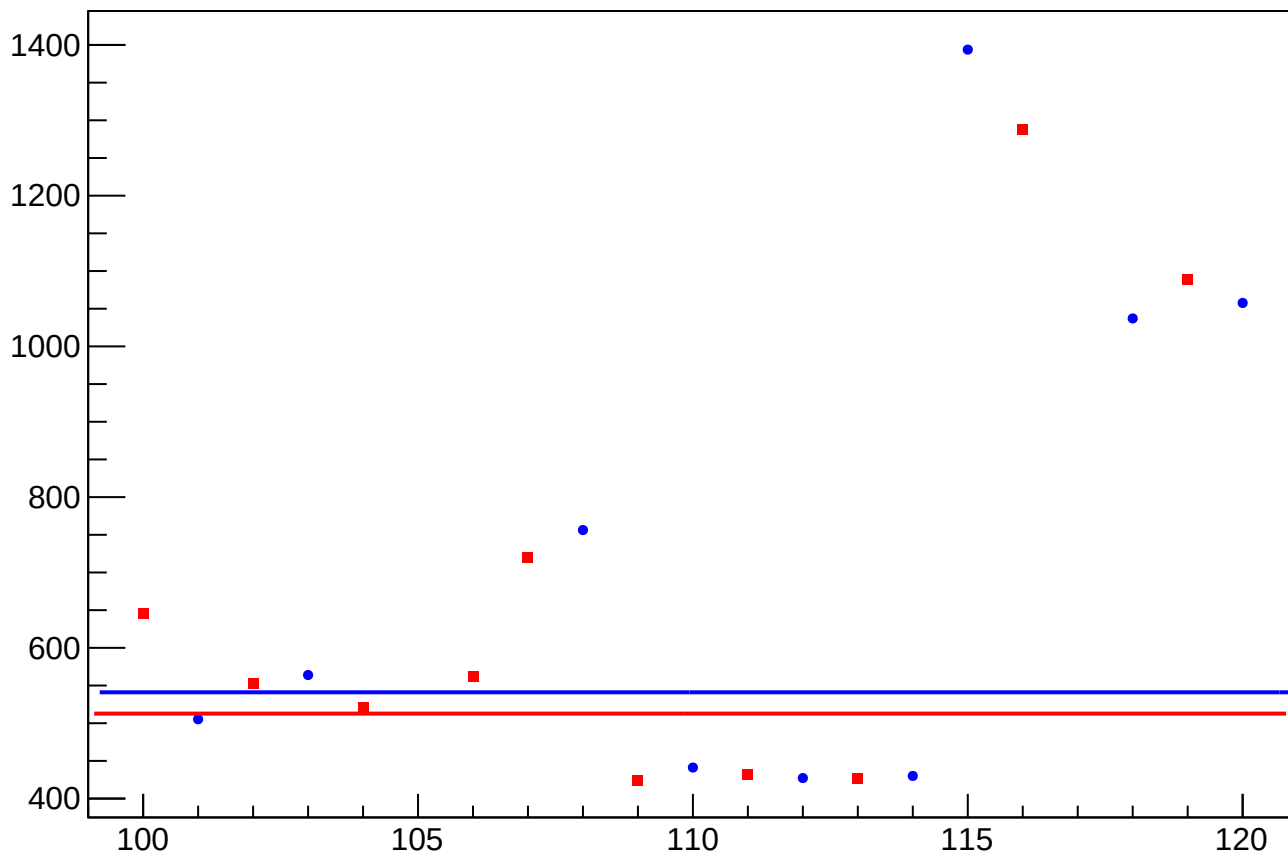
Right: 362.182+/-198.053 χ^2/NDF : 21.7/18

In: 151.408+/-297.148 χ^2/NDF : 10.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 362.182+/-198.053 χ^2/NDF : 21.7/18

asym_sam_1548_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 541.019+/-0.210 χ^2/NDF : 717898.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 512.747+/-0.188 χ^2/NDF : 692155.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

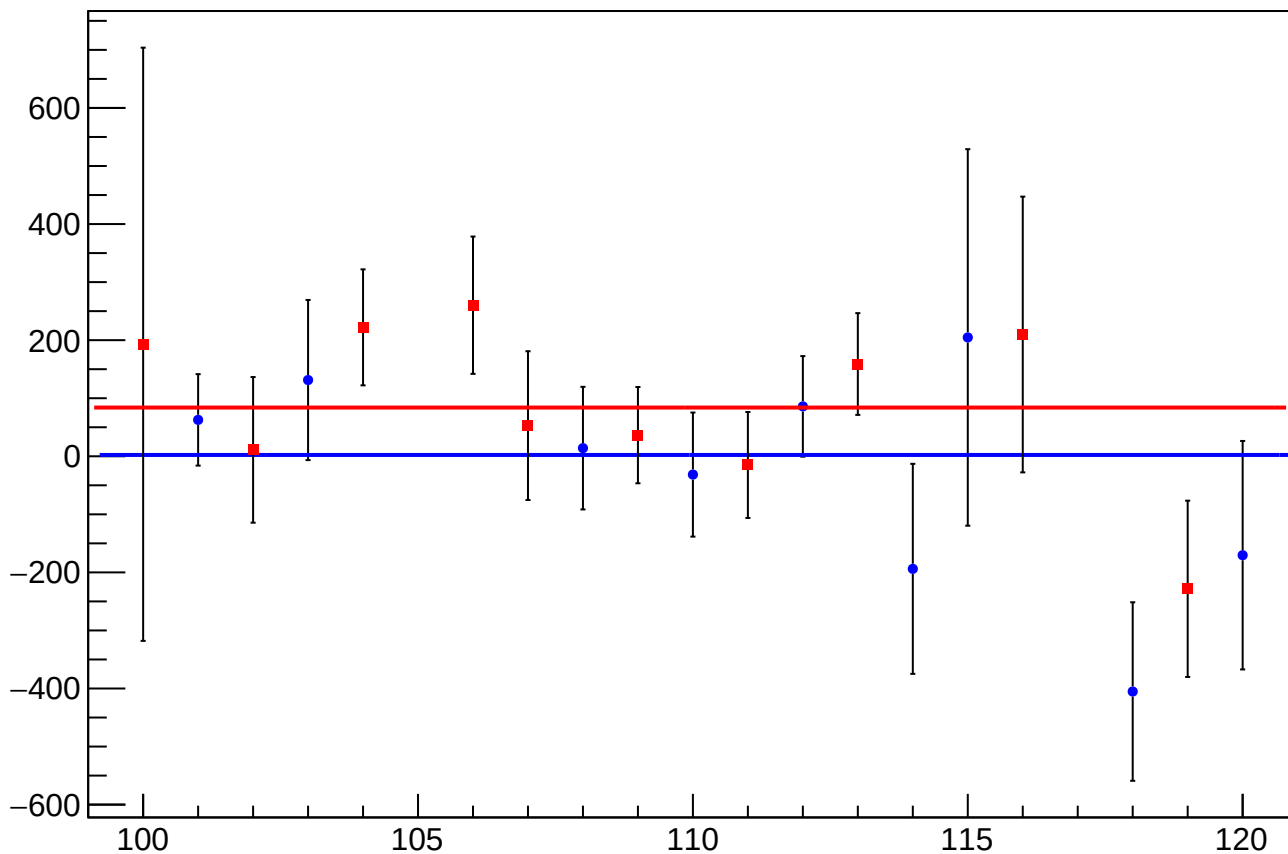
Right: 525.306+/-0.140 χ^2/NDF : 1420115.8/18

In: 541.019+/-0.210 χ^2/NDF : 717898.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 525.306+/-0.140 χ^2/NDF : 1420115.8/18

cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 2.291+/-39.763 χ^2/NDF : 11.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.931+/-36.351 χ^2/NDF : 11.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

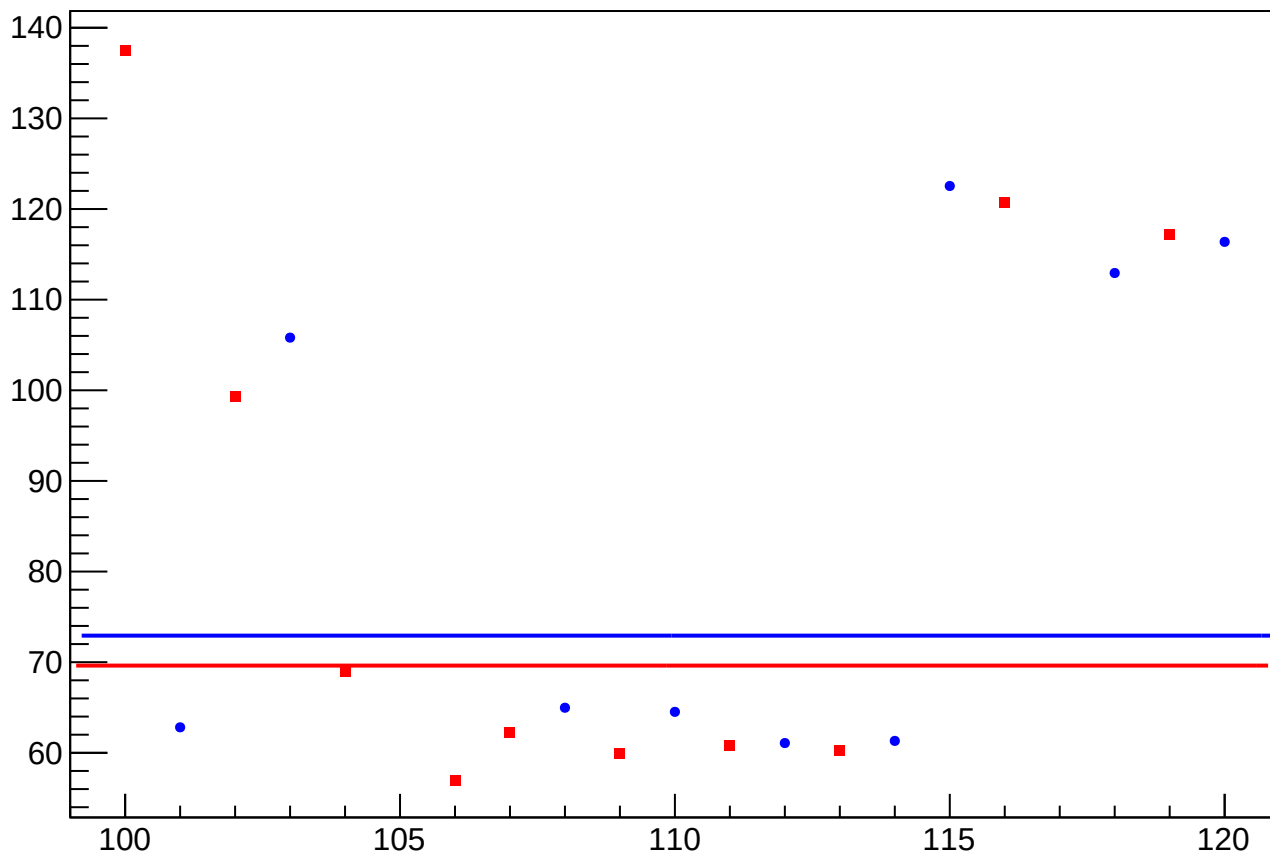
Right: 46.764+/-26.829 χ^2/NDF : 25.5/18

In: 2.291+/-39.763 χ^2/NDF : 11.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.764+/-26.829 χ^2/NDF : 25.5/18

cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 72.931+/-0.028 χ^2/NDF : 495837.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.625+/-0.026 χ^2/NDF : 534737.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

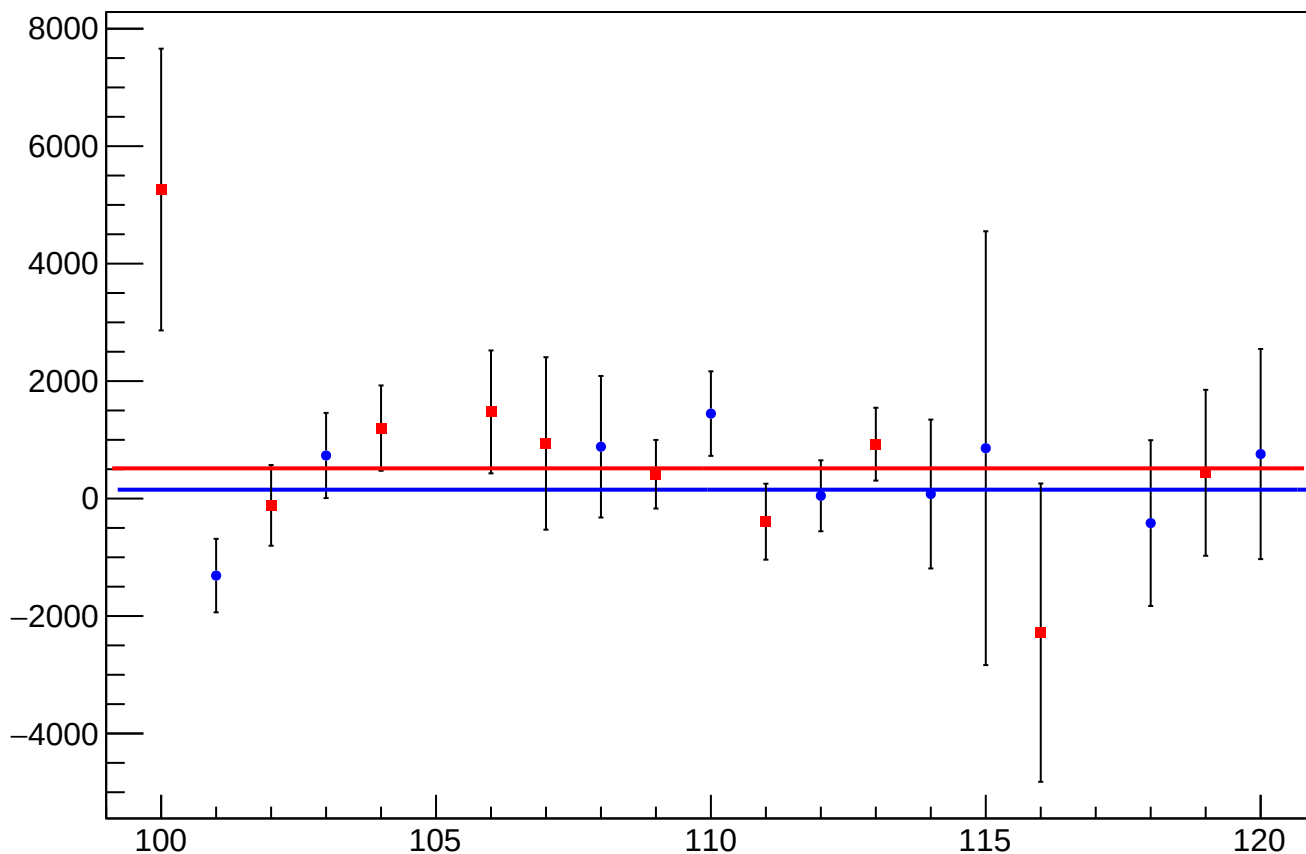
Right: 71.130+/-0.019 χ^2/NDF : 1038102.0/18

In: 72.931+/-0.028 χ^2/NDF : 495837.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.130+/-0.019 χ^2/NDF : 1038102.0/18

asym_sam_1548_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 151.373+/-297.153 χ^2/NDF : 10.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 514.545+/-265.871 χ^2/NDF : 10.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

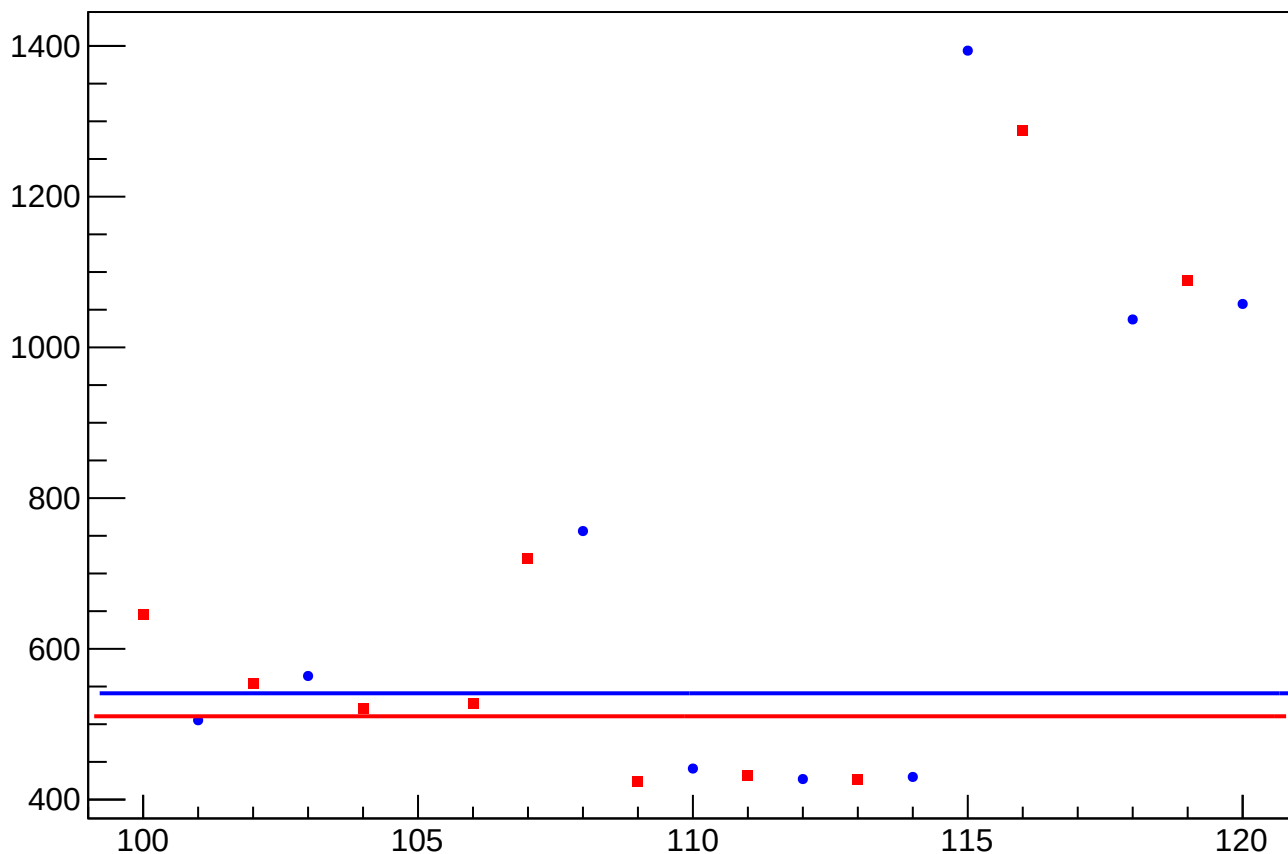
Right: 353.075+/-198.139 χ^2/NDF : 21.1/18

In: 151.373+/-297.153 χ^2/NDF : 10.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 353.075+/-198.139 χ^2/NDF : 21.1/18

asym_sam_1548_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 541.028+/-0.210 χ^2/NDF : 717905.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 510.525+/-0.188 χ^2/NDF : 688087.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

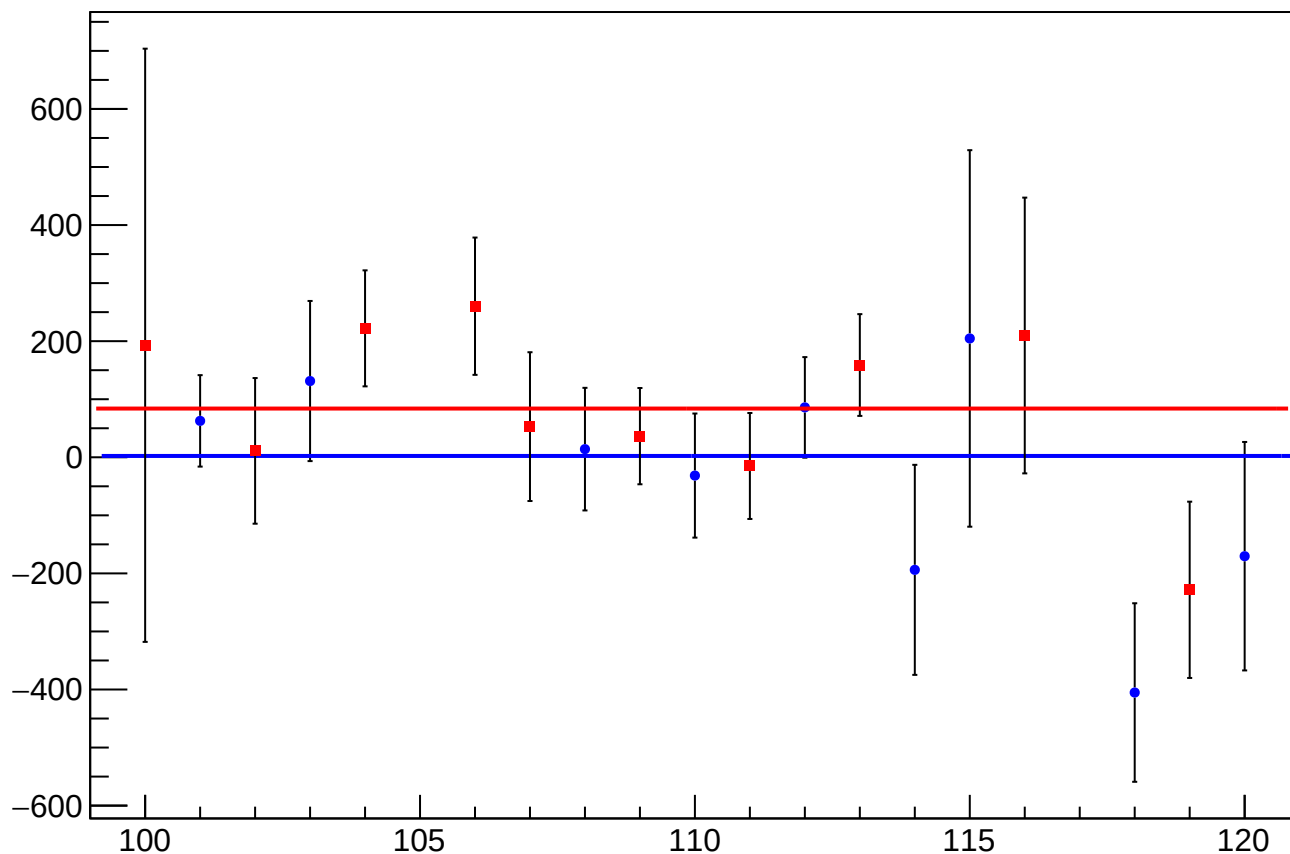
Right: 524.087+/-0.140 χ^2/NDF : 1417697.0/18

In: 541.028+/-0.210 χ^2/NDF : 717905.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 524.087+/-0.140 χ^2/NDF : 1417697.0/18

eigen_cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 2.291+/-39.763 χ^2/NDF : 11.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.931+/-36.351 χ^2/NDF : 11.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

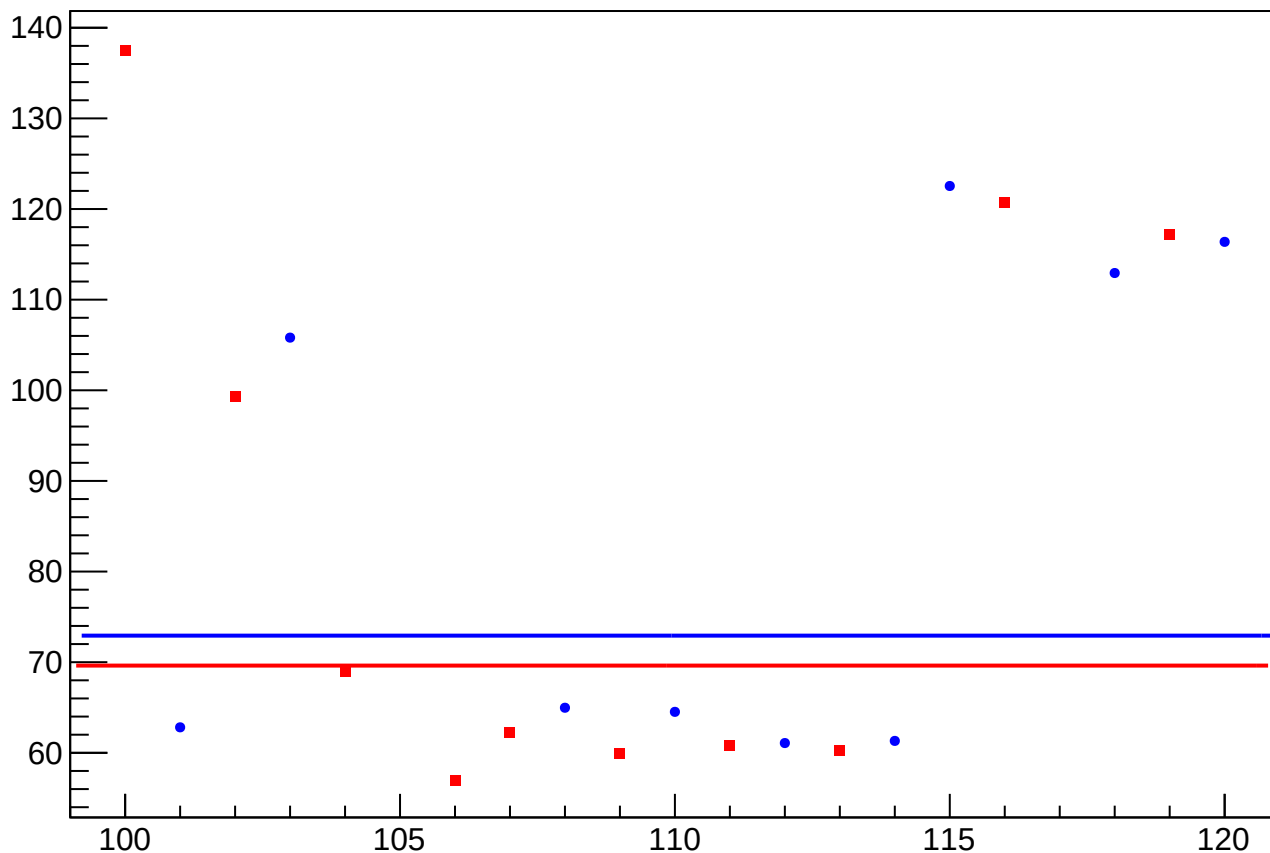
Right: 46.764+/-26.829 χ^2/NDF : 25.5/18

In: 2.291+/-39.763 χ^2/NDF : 11.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.764+/-26.829 χ^2/NDF : 25.5/18

eigen_cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 72.931+/-0.028 χ^2/NDF : 495837.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.625+/-0.026 χ^2/NDF : 534737.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

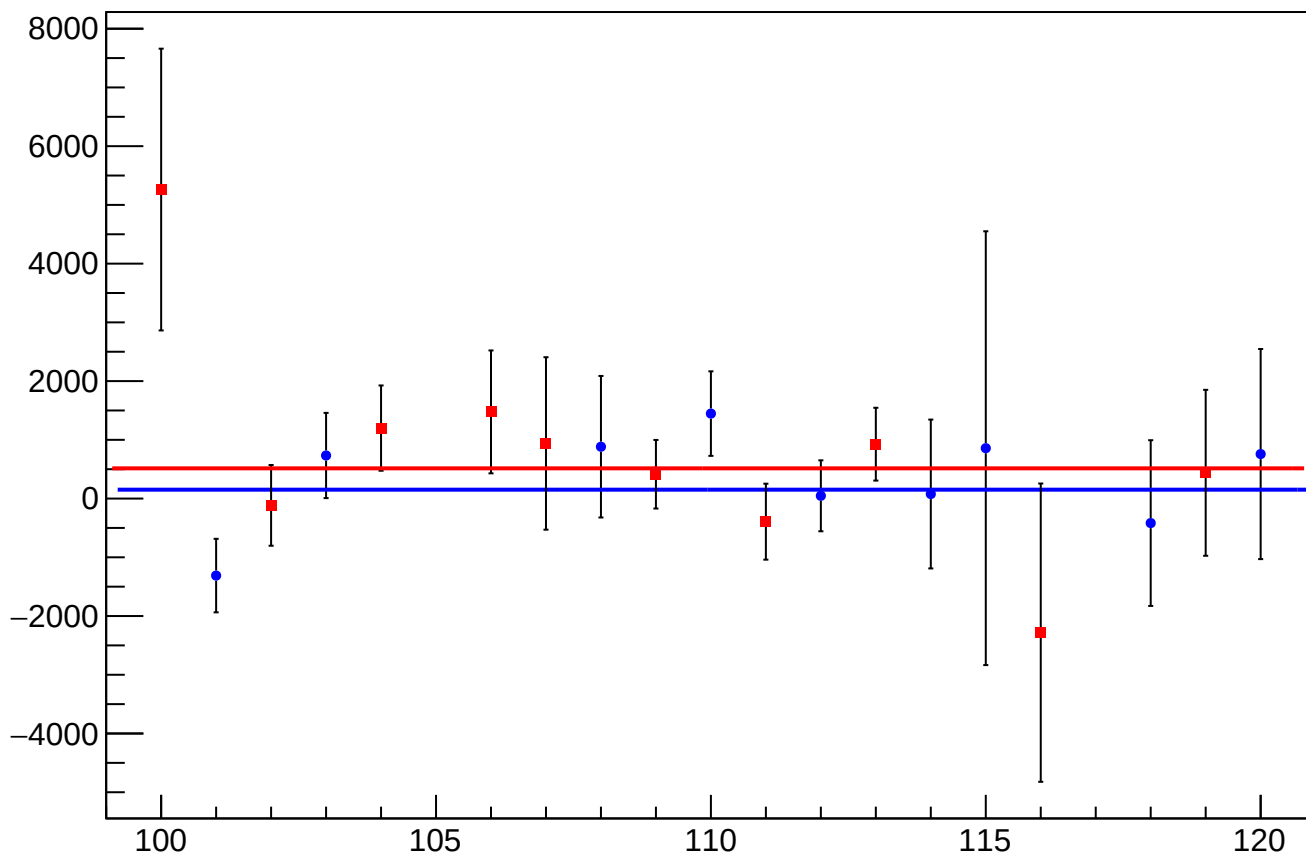
Right: 71.130+/-0.019 χ^2/NDF : 1038102.0/18

In: 72.931+/-0.028 χ^2/NDF : 495837.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.130+/-0.019 χ^2/NDF : 1038102.0/18

asym_sam_1548_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 151.373+/-297.153 χ^2/NDF : 10.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 514.545+/-265.871 χ^2/NDF : 10.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

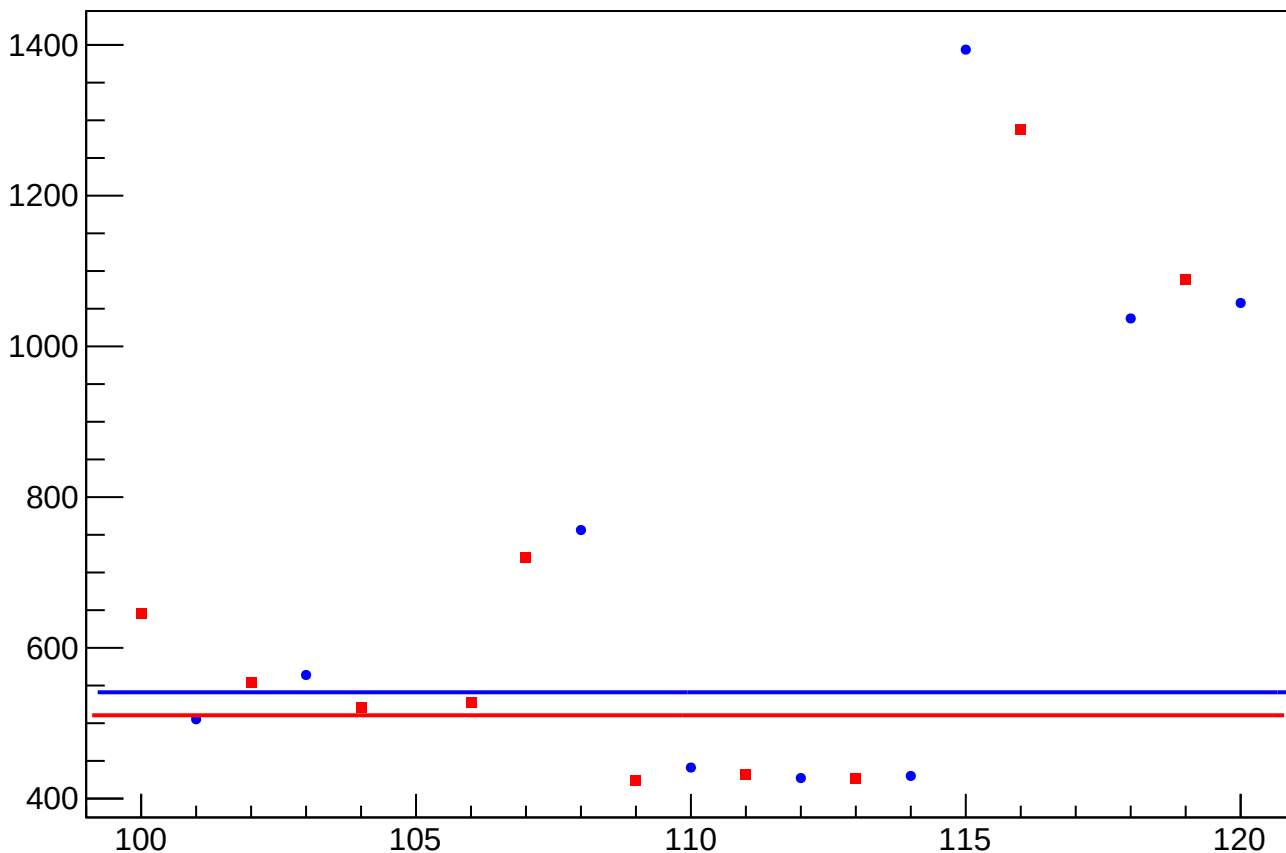
Right: 353.075+/-198.139 χ^2/NDF : 21.1/18

In: 151.373+/-297.153 χ^2/NDF : 10.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 353.075+/-198.139 χ^2/NDF : 21.1/18

asym_sam_1548_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 541.028+/-0.210 χ^2/NDF : 717905.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 510.525+/-0.188 χ^2/NDF : 688087.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

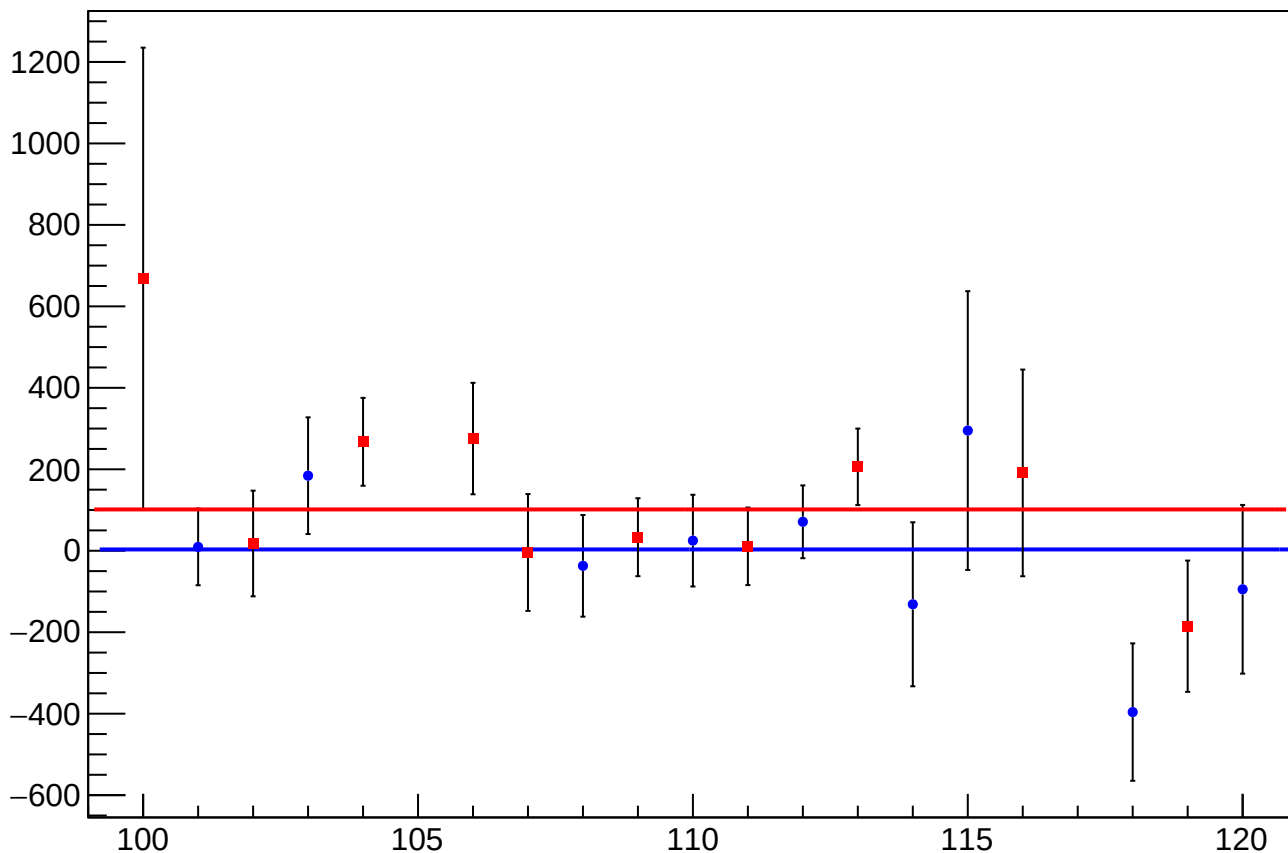
Right: 524.087+/-0.140 χ^2/NDF : 1417697.0/18

In: 541.028+/-0.210 χ^2/NDF : 717905.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 524.087+/-0.140 χ^2/NDF : 1417697.0/18

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 3.224+/-43.781 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 101.437+/-39.606 χ^2/NDF : 11.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

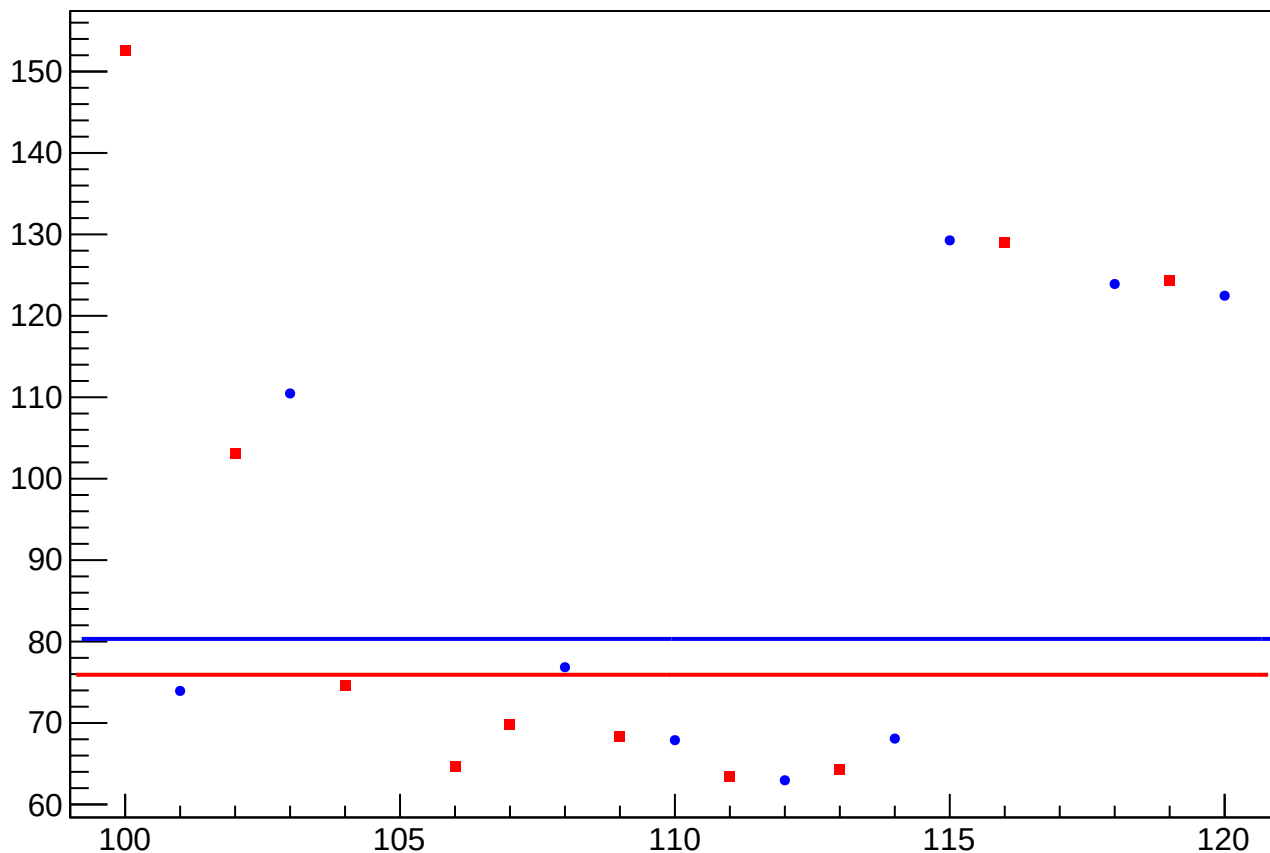
Right: 57.236+/-29.371 χ^2/NDF : 24.0/18

In: 3.224+/-43.781 χ^2/NDF :9.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 57.236+/-29.371 χ^2/NDF : 24.0/18

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 80.325+/-0.031 χ^2/NDF : 463884.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.925+/-0.028 χ^2/NDF : 486815.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

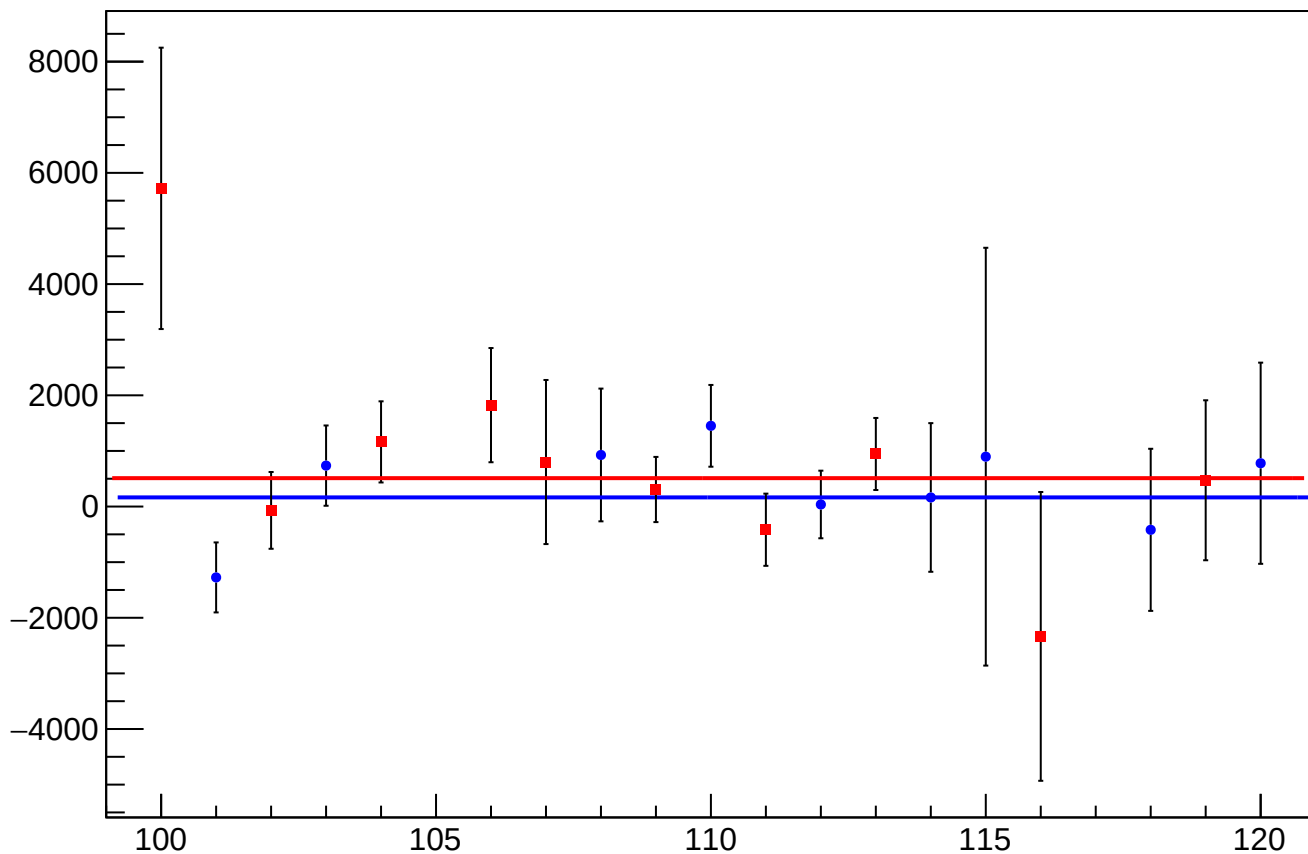
Right: 77.905+/-0.021 χ^2/NDF : 961811.1/18

In: 80.325+/-0.031 χ^2/NDF : 463884.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.905+/-0.021 χ^2/NDF : 961811.1/18

asym_sam_1548_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 164.530+/-299.983 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 510.563+/-268.787 χ^2/NDF : 11.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

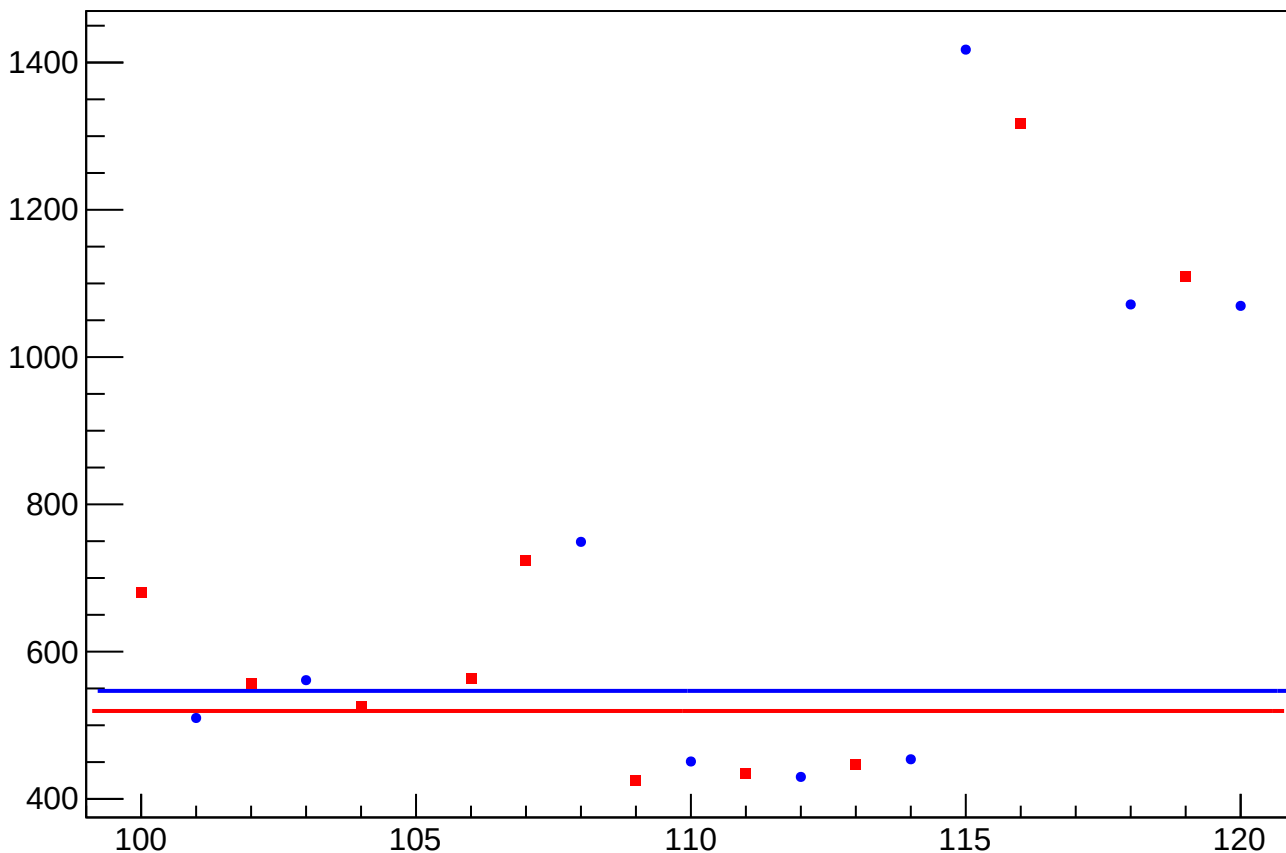
Right: 356.469+/-200.185 χ^2/NDF : 21.7/18

In: 164.530+/-299.983 χ^2/NDF :9.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 356.469+/-200.185 χ^2/NDF : 21.7/18

asym_sam_1548_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 546.707+/-0.212 χ^2/NDF : 716650.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 519.419+/-0.190 χ^2/NDF : 692520.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

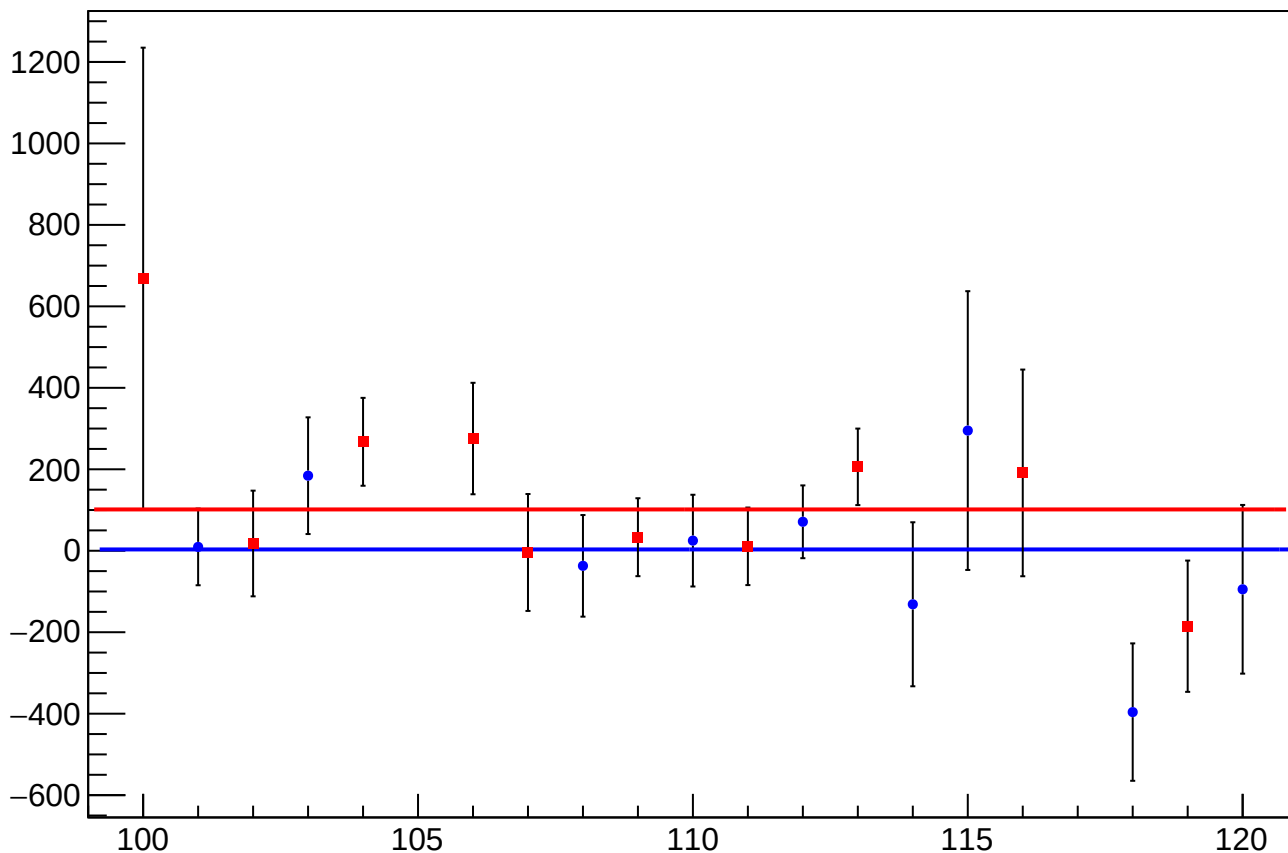
Right: 531.571+/-0.142 χ^2/NDF : 1418351.2/18

In: 546.707+/-0.212 χ^2/NDF : 716650.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 531.571+/-0.142 χ^2/NDF : 1418351.2/18

eigen_dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 3.224+/-43.781 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 101.437+/-39.606 χ^2/NDF : 11.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

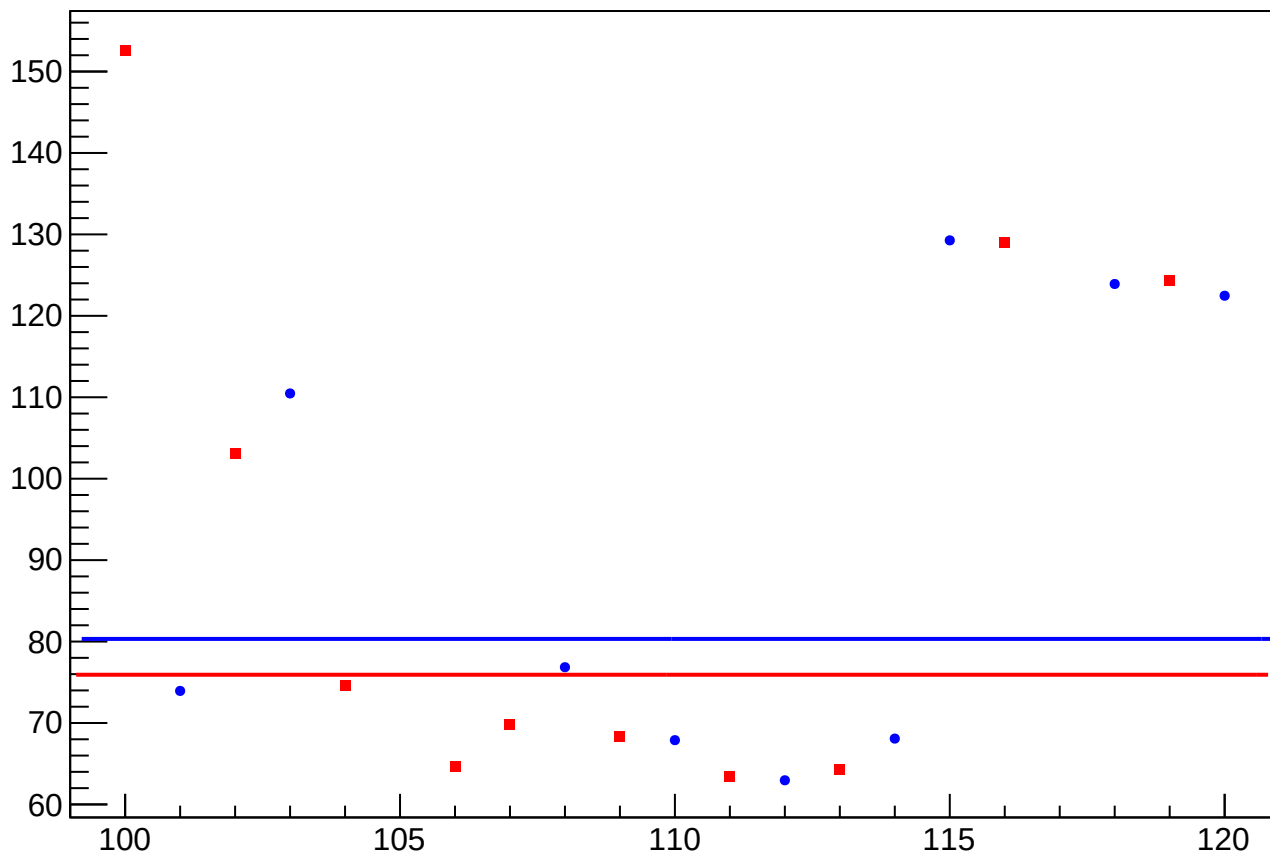
Right: 57.236+/-29.371 χ^2/NDF : 24.0/18

In: 3.224+/-43.781 χ^2/NDF :9.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 57.236+/-29.371 χ^2/NDF : 24.0/18

eigen_dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 80.325+/-0.031 χ^2/NDF : 463886.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.925+/-0.028 χ^2/NDF : 486817.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

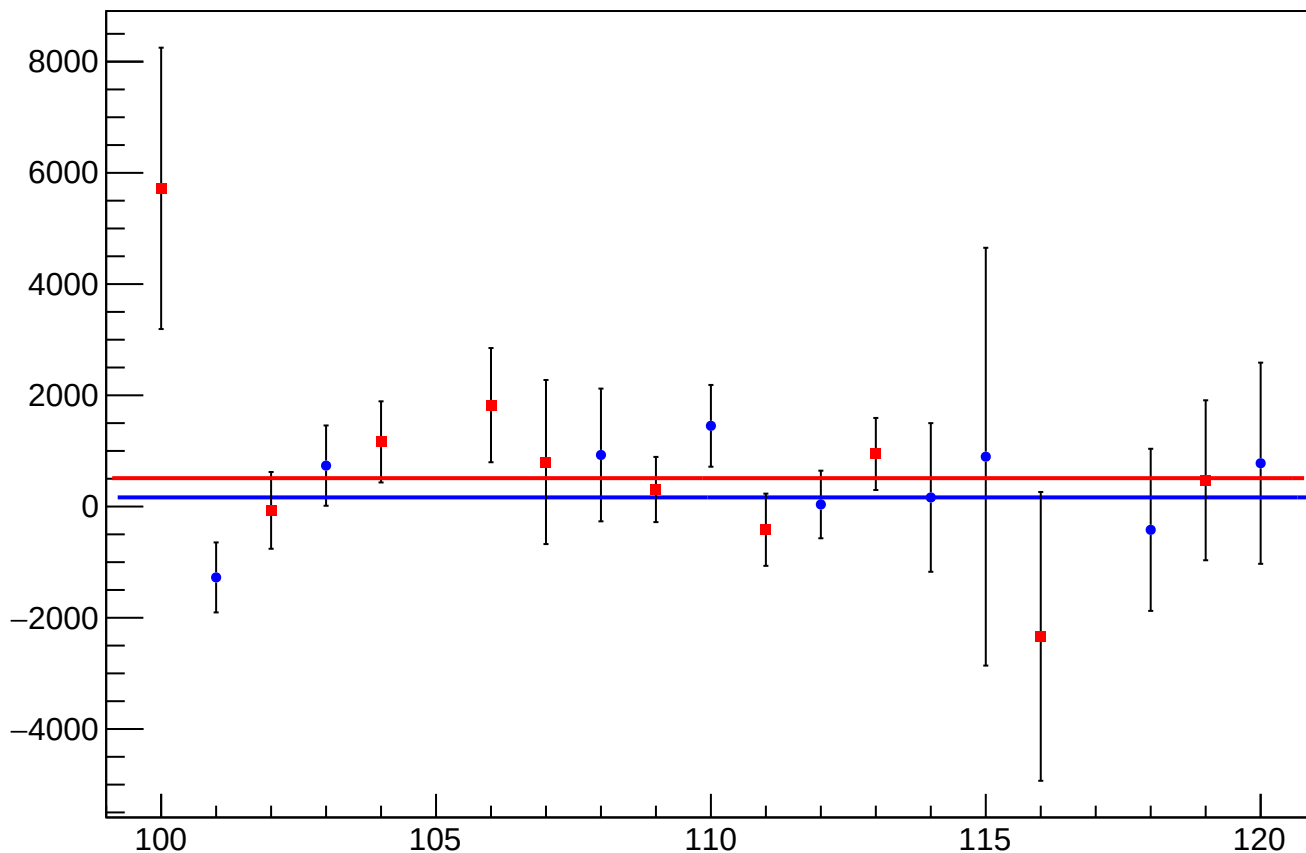
Right: 77.905+/-0.021 χ^2/NDF : 961815.8/18

In: 80.325+/-0.031 χ^2/NDF : 463886.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.905+/-0.021 χ^2/NDF : 961815.8/18

asym_sam_1548_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 164.530+/-299.983 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 510.562+/-268.786 χ^2/NDF : 11.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

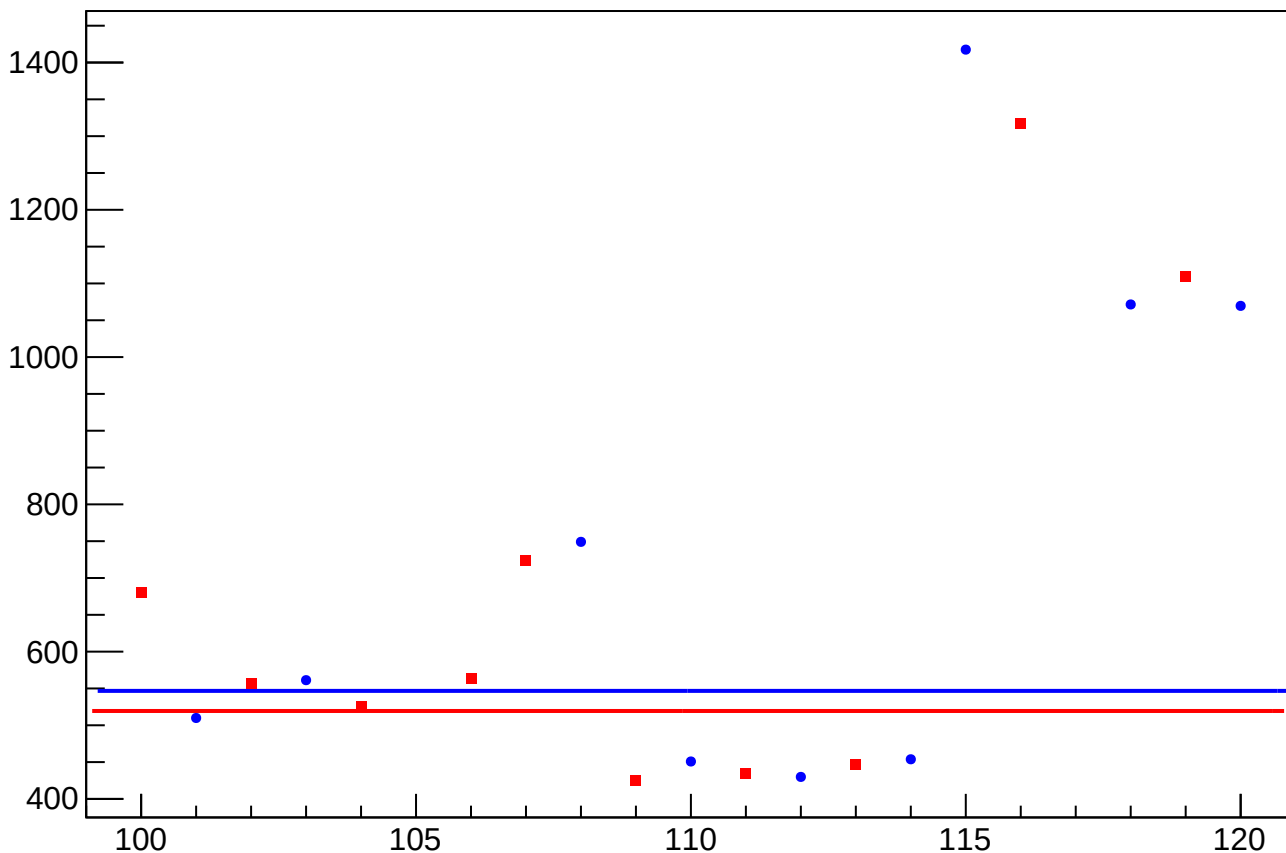
Right: 356.469+/-200.184 χ^2/NDF : 21.7/18

In: 164.530+/-299.983 χ^2/NDF :9.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 356.469+/-200.184 χ^2/NDF : 21.7/18

asym_sam_1548_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 546.707+/-0.212 χ^2/NDF : 716653.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 519.418+/-0.190 χ^2/NDF : 692523.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

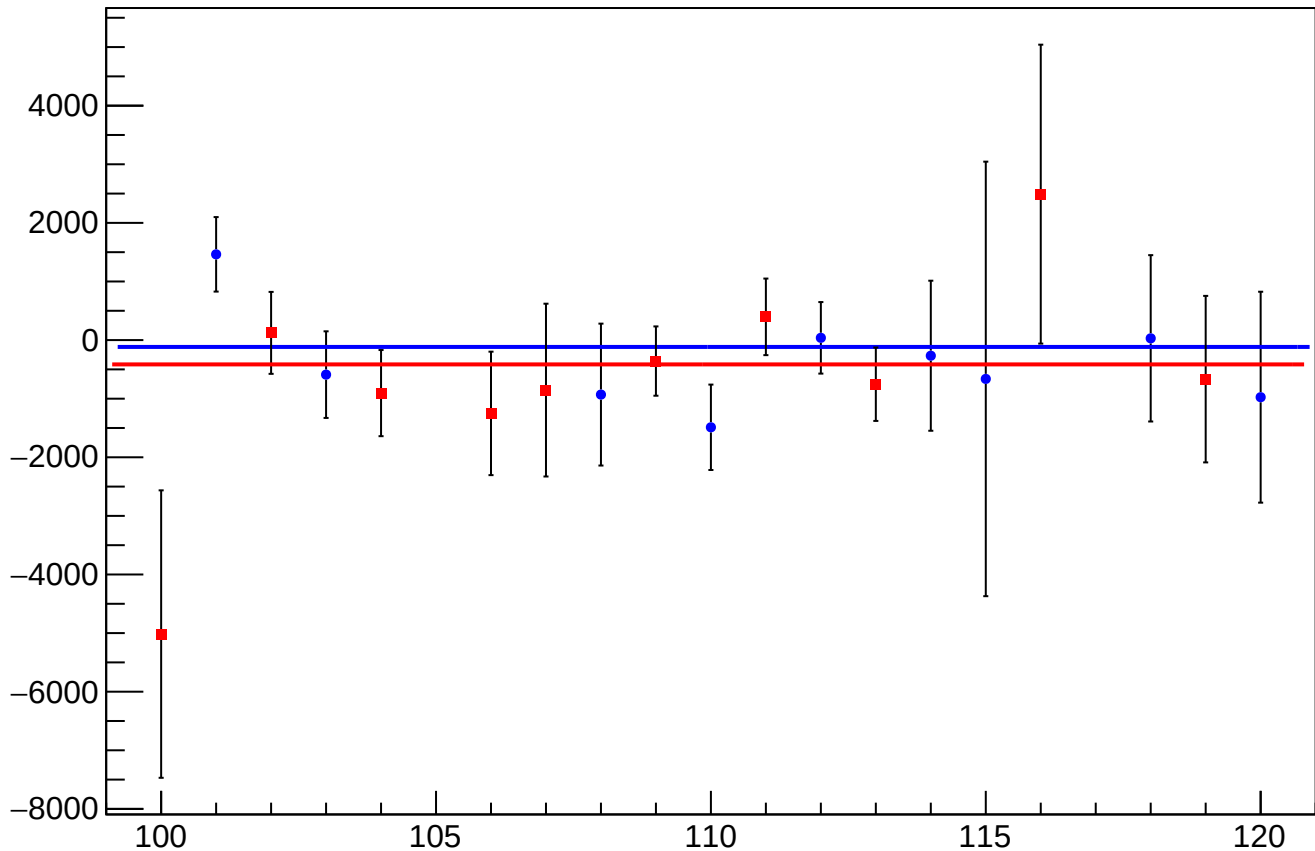
Right: 531.570+/-0.142 χ^2/NDF : 1418356.9/18

In: 546.707+/-0.212 χ^2/NDF : 716653.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 531.570+/-0.142 χ^2/NDF : 1418356.9/18

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -116.852+/-300.927 χ^2/NDF : 10.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -415.028+/-268.968 χ^2/NDF : 8.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

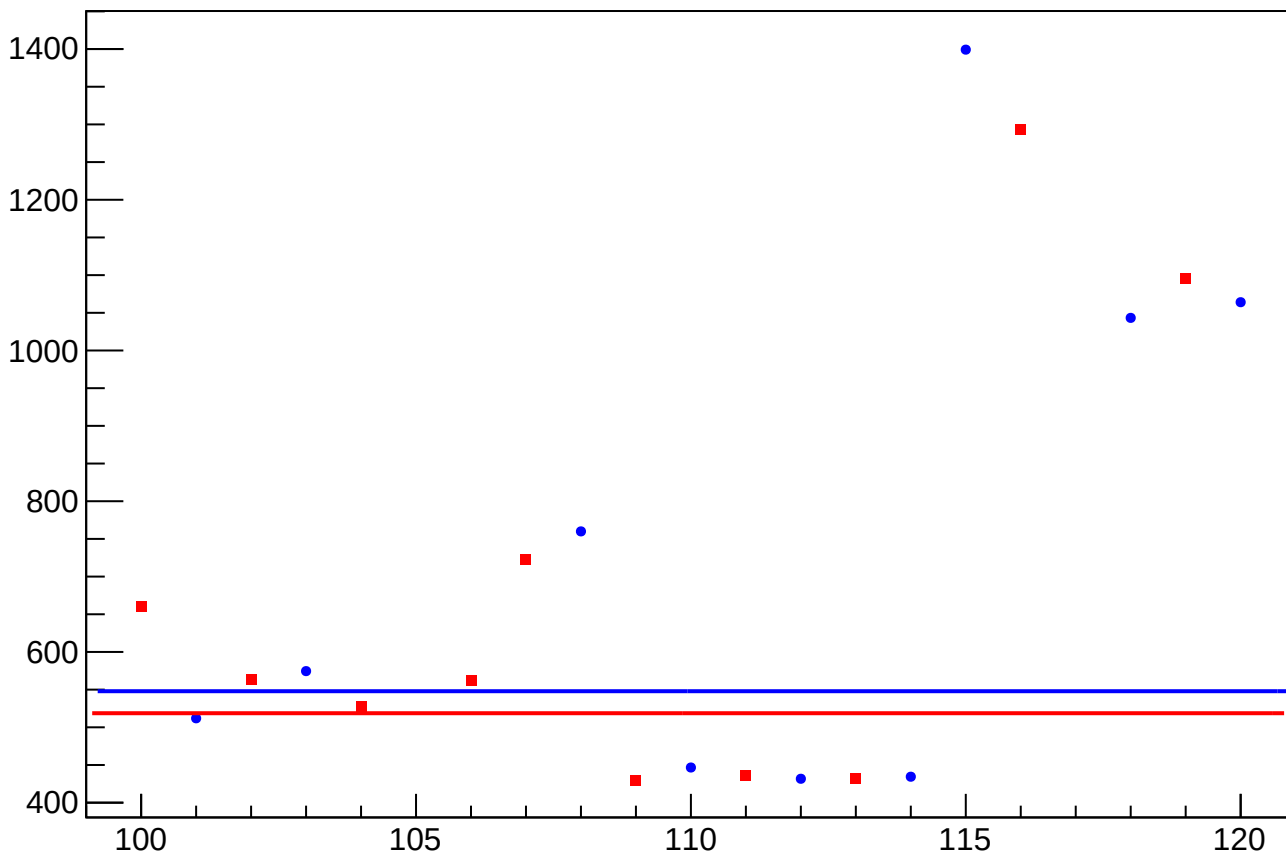
Right: -282.609+/-200.540 χ^2/NDF : 19.9/18

In: -116.852+/-300.927 χ^2/NDF : 10.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -282.609+/-200.540 χ^2/NDF : 19.9/18

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 547.907+/-0.213 χ^2/NDF : 710771.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 518.702+/-0.190 χ^2/NDF : 686378.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

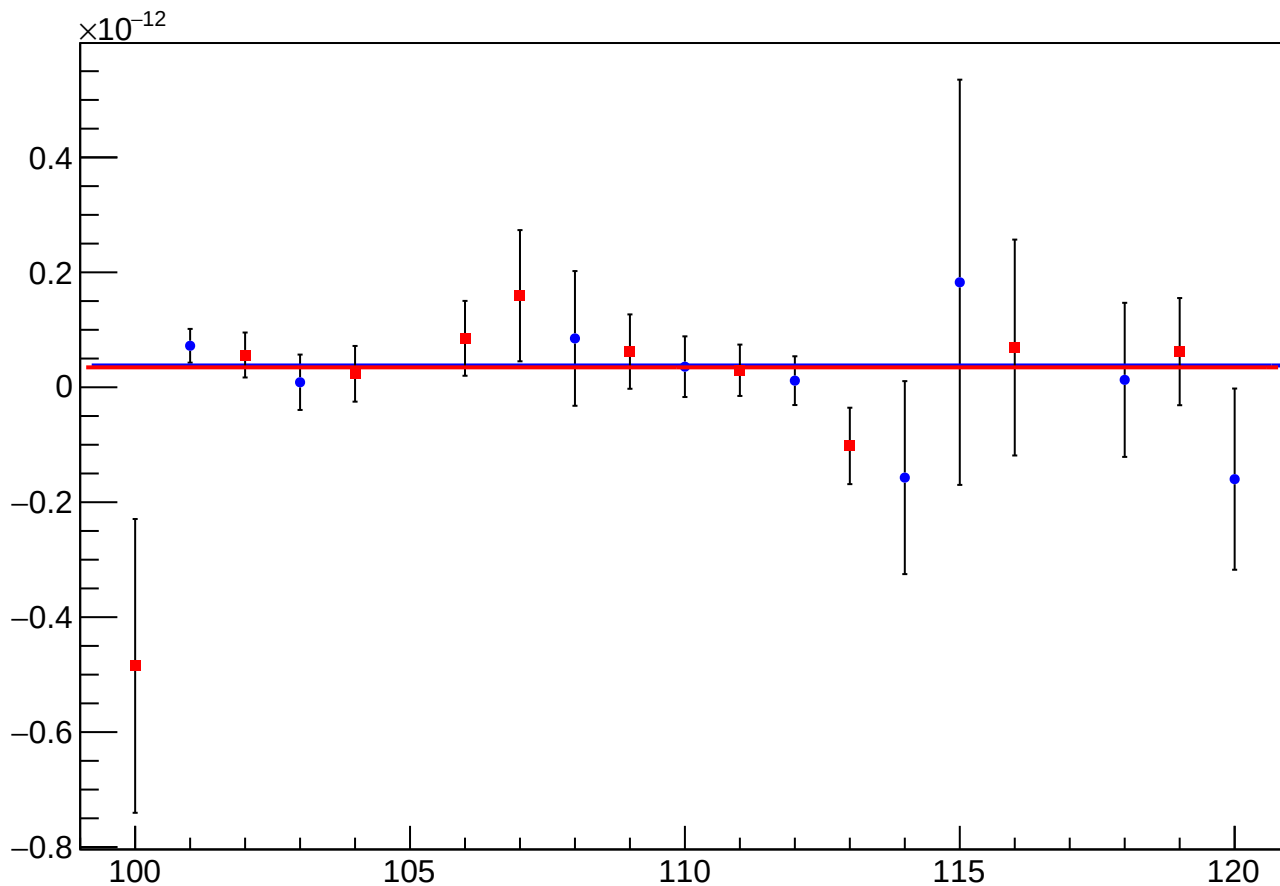
Right: 531.672+/-0.142 χ^2/NDF : 1407621.5/18

In: 547.907+/-0.213 χ^2/NDF : 710771.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 531.672+/-0.142 χ^2/NDF : 1407621.5/18

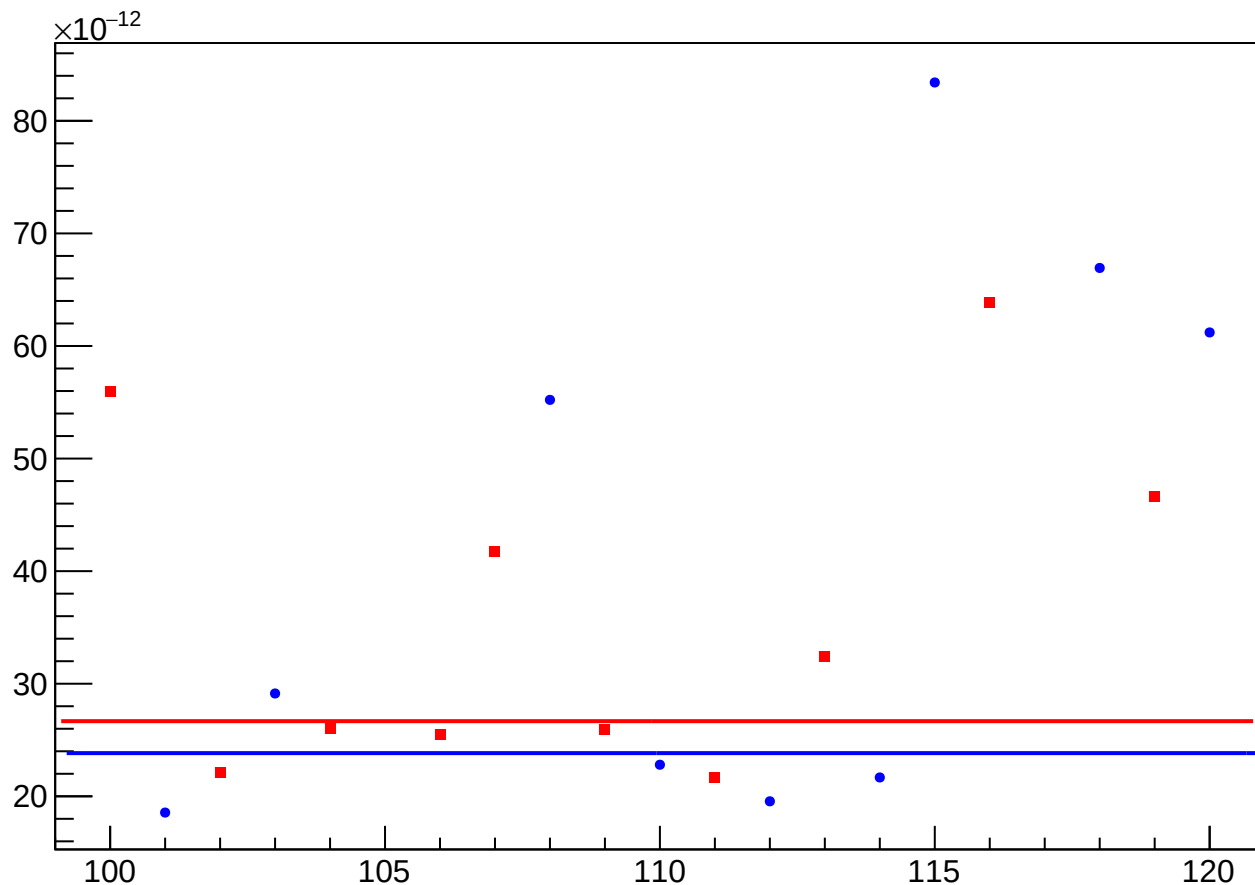
asym_sam_1548_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.4/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 10.8/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 16.2/18
 In: 0.000+/-0.000 χ^2/NDF : 5.4/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 16.2/18

asym_sam_1548_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 629840.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 299909.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

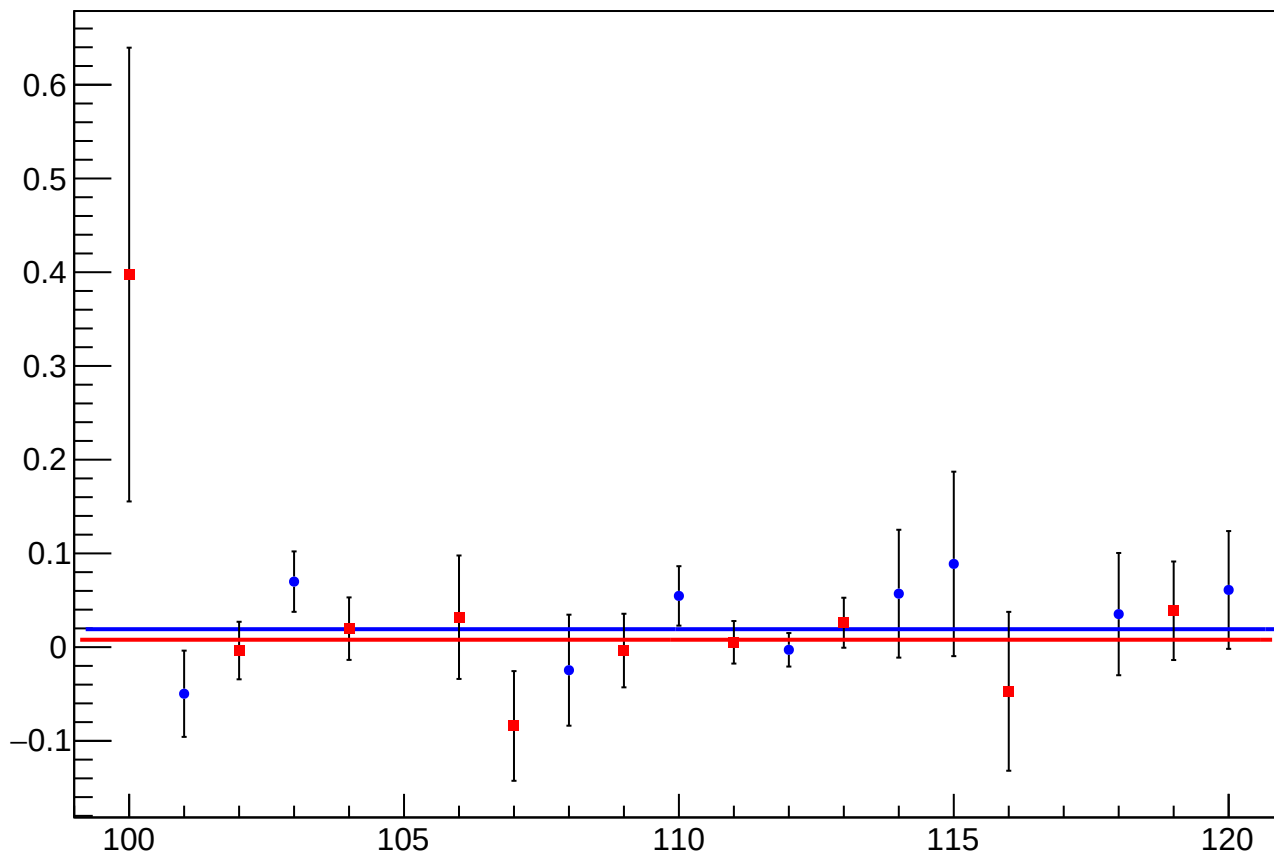
Right: 0.000+/-0.000 χ^2/NDF : 950811.7/18

In: 0.000+/-0.000 χ^2/NDF : 629840.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 950811.7/18

asym_sam_1548_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.012 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.012 χ^2/NDF : 6.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

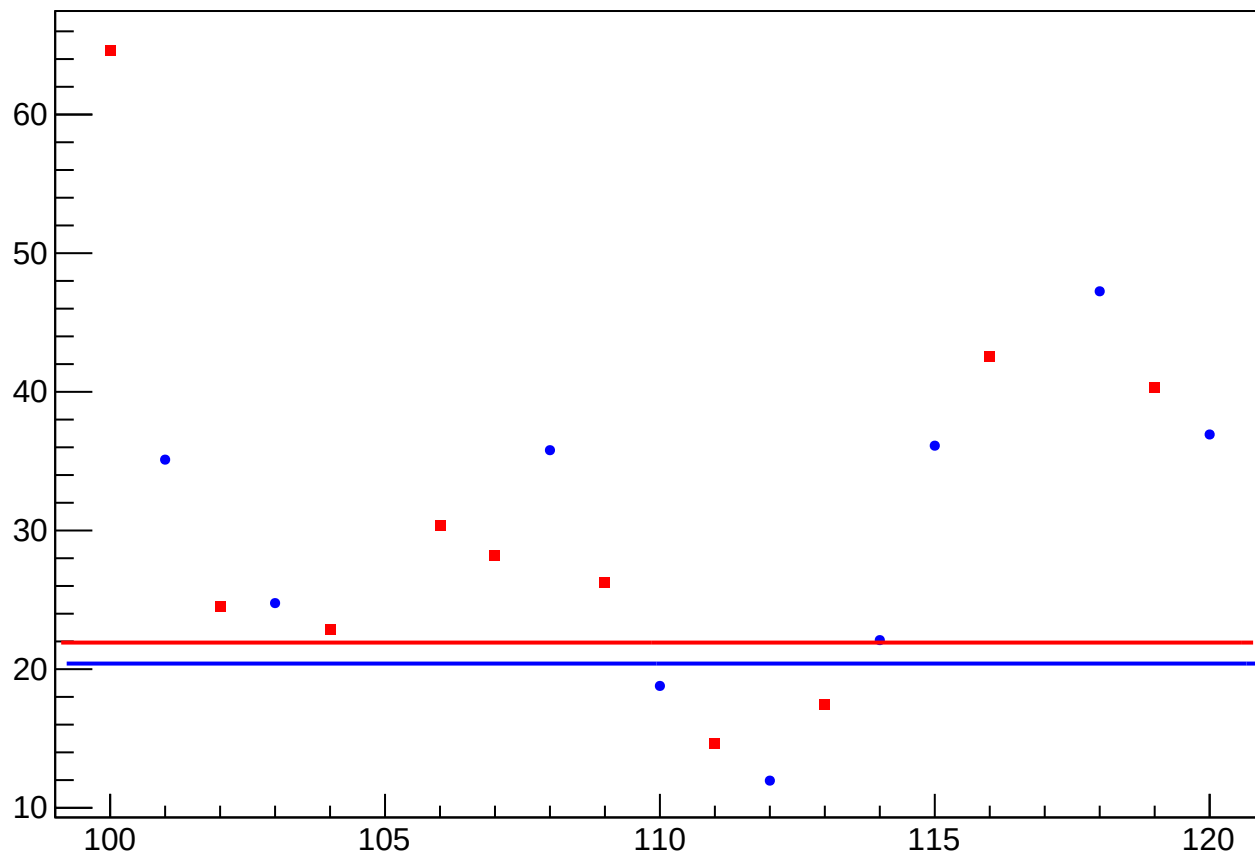
Right: 0.013+/-0.009 χ^2/NDF : 16.6/18

In: 0.019+/-0.012 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.009 χ^2/NDF : 16.6/18

asym_sam_1548_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.404+/-0.009 χ^2/NDF : 1356693.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.917+/-0.008 χ^2/NDF : 785320.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

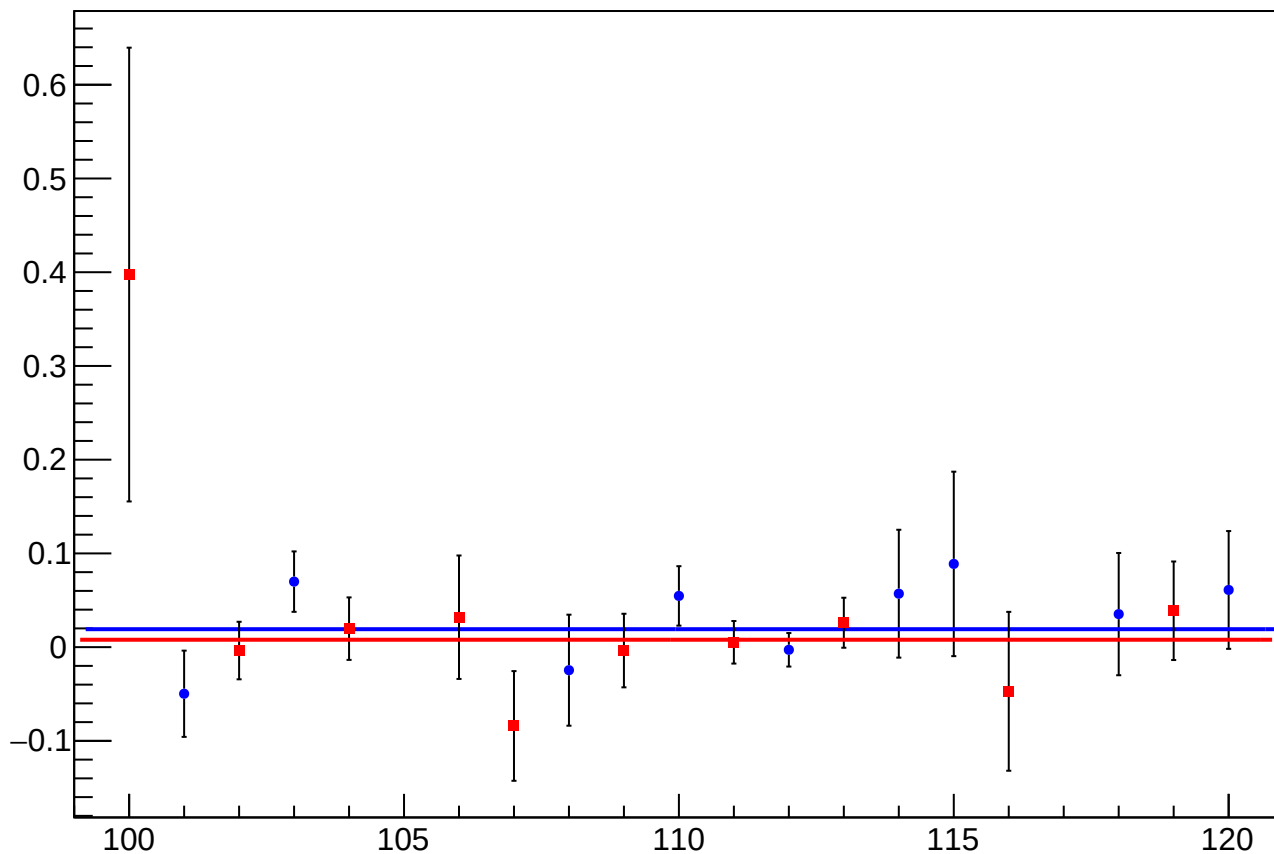
Right: 21.180+/-0.006 χ^2/NDF : 2157634.8/18

In: 20.404+/-0.009 χ^2/NDF : 1356693.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.180+/-0.006 χ^2/NDF : 2157634.8/18

asym_sam_1548_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019 $\pm$ 0.012 χ^2 /NDF: 9.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.008 $\pm$ 0.012 χ^2 /NDF: 6.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

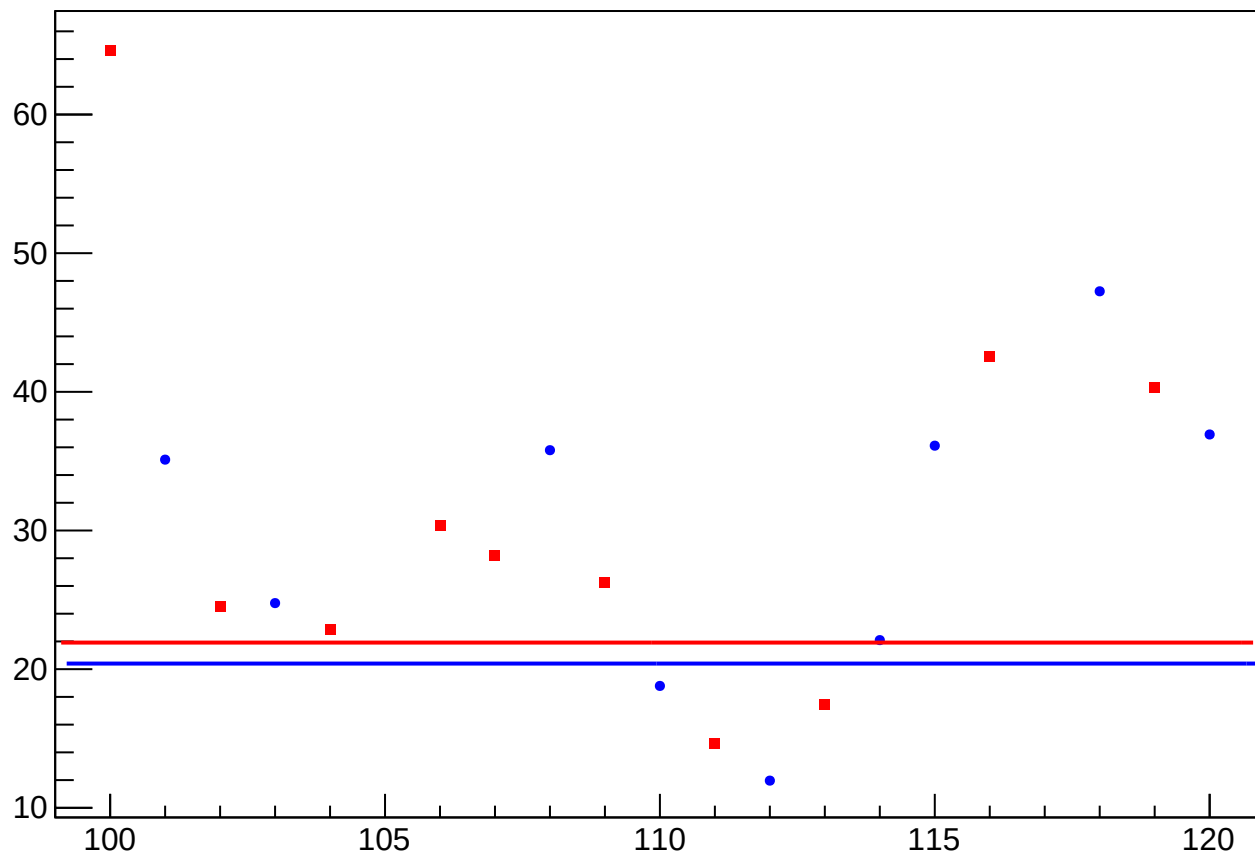
Right: 0.013 $\pm$ 0.009 χ^2 /NDF: 16.6/18

In: 0.019 $\pm$ 0.012 χ^2 /NDF:9.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.013 $\pm$ 0.009 χ^2 /NDF: 16.6/18

asym_sam_1548_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.404+/-0.009 χ^2/NDF : 1356693.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.917+/-0.008 χ^2/NDF : 785320.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

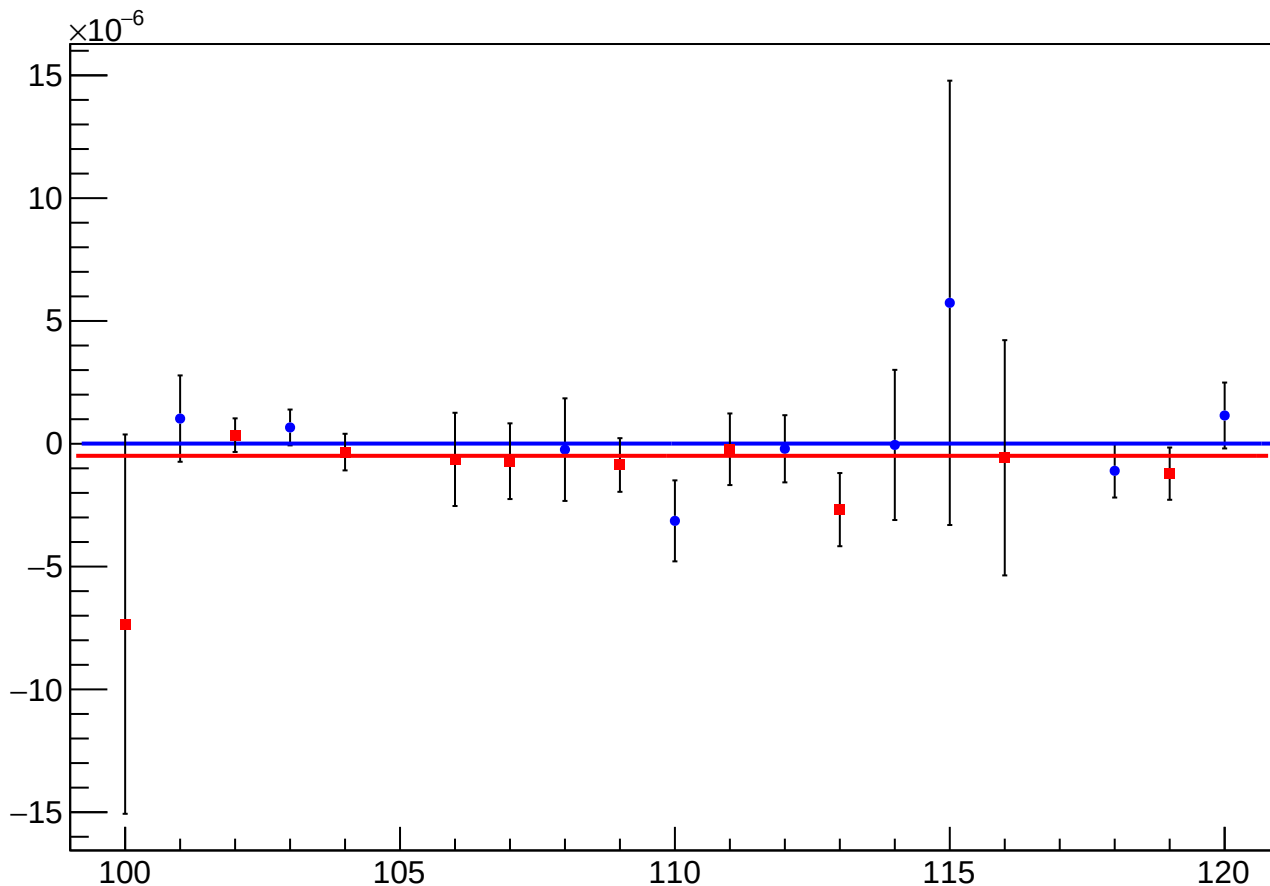
Right: 21.180+/-0.006 χ^2/NDF : 2157634.8/18

In: 20.404+/-0.009 χ^2/NDF : 1356693.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.180+/-0.006 χ^2/NDF : 2157634.8/18

asym_sam_1548_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

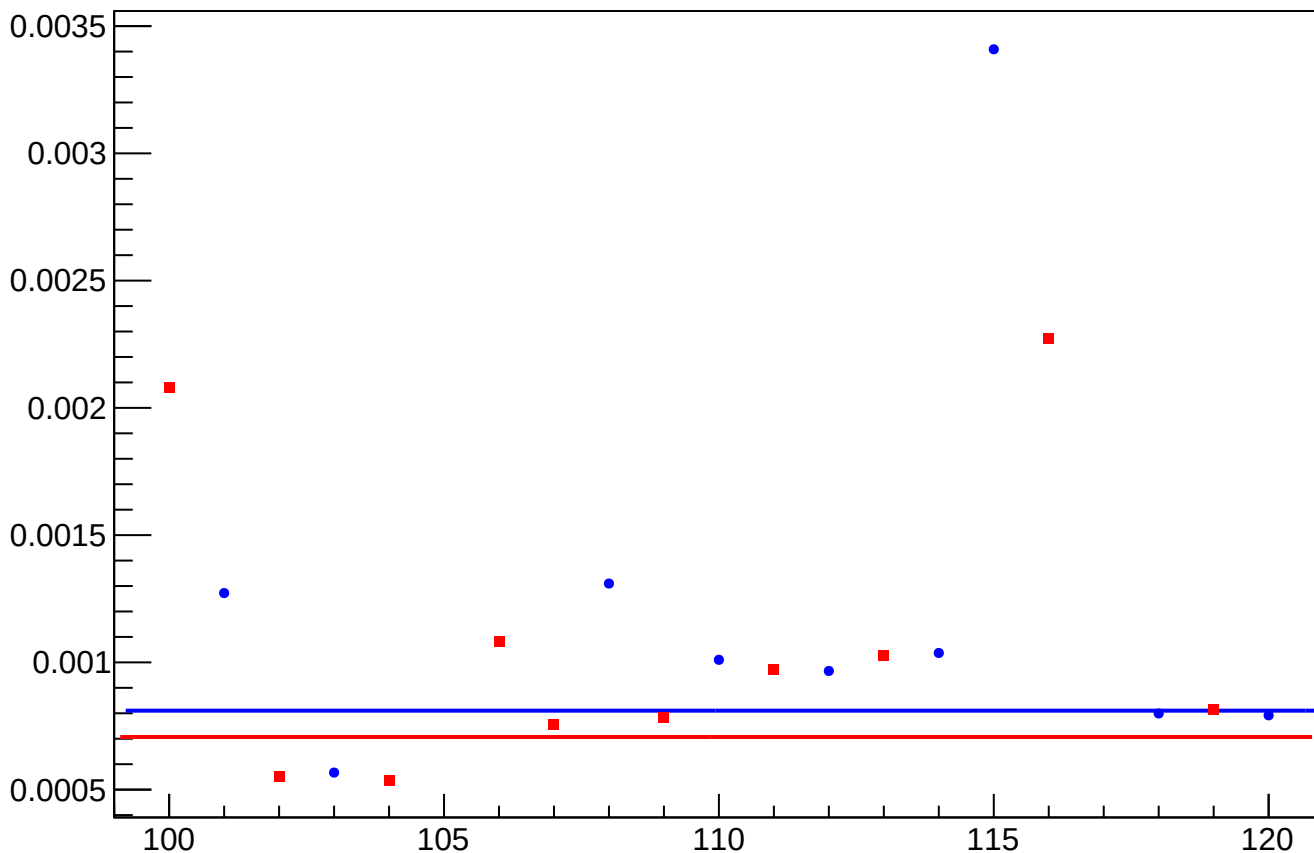
Right: -0.000+/-0.000 χ^2/NDF : 12.9/18

In: 0.000+/-0.000 χ^2/NDF : 7.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.9/18

asym_sam_1548_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 707409.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 756063.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

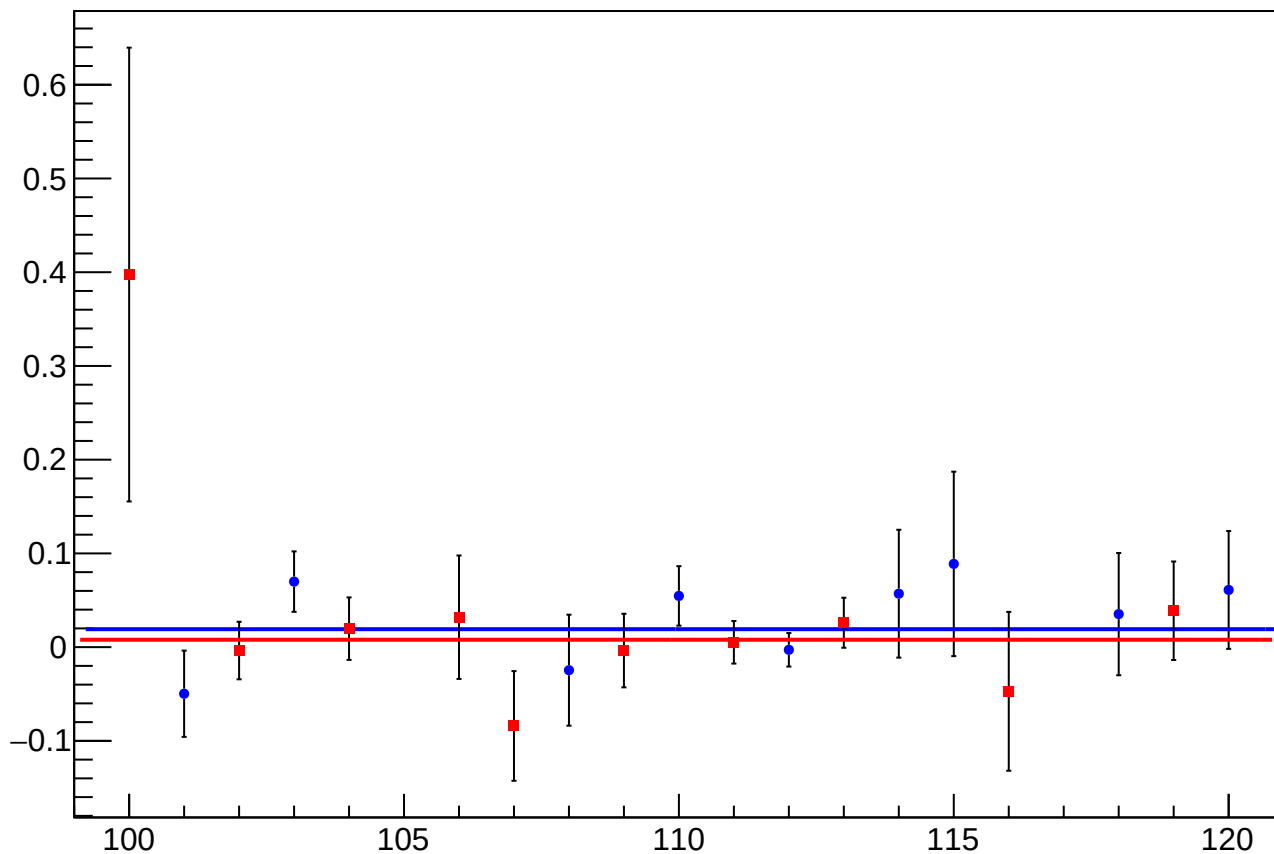
Right: 0.001+/-0.000 χ^2/NDF : 1526028.7/18

In: 0.001+/-0.000 χ^2/NDF : 707409.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1526028.7/18

asym_sam_1548_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019 $\pm$ 0.012 χ^2 /NDF: 9.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.008 $\pm$ 0.012 χ^2 /NDF: 6.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

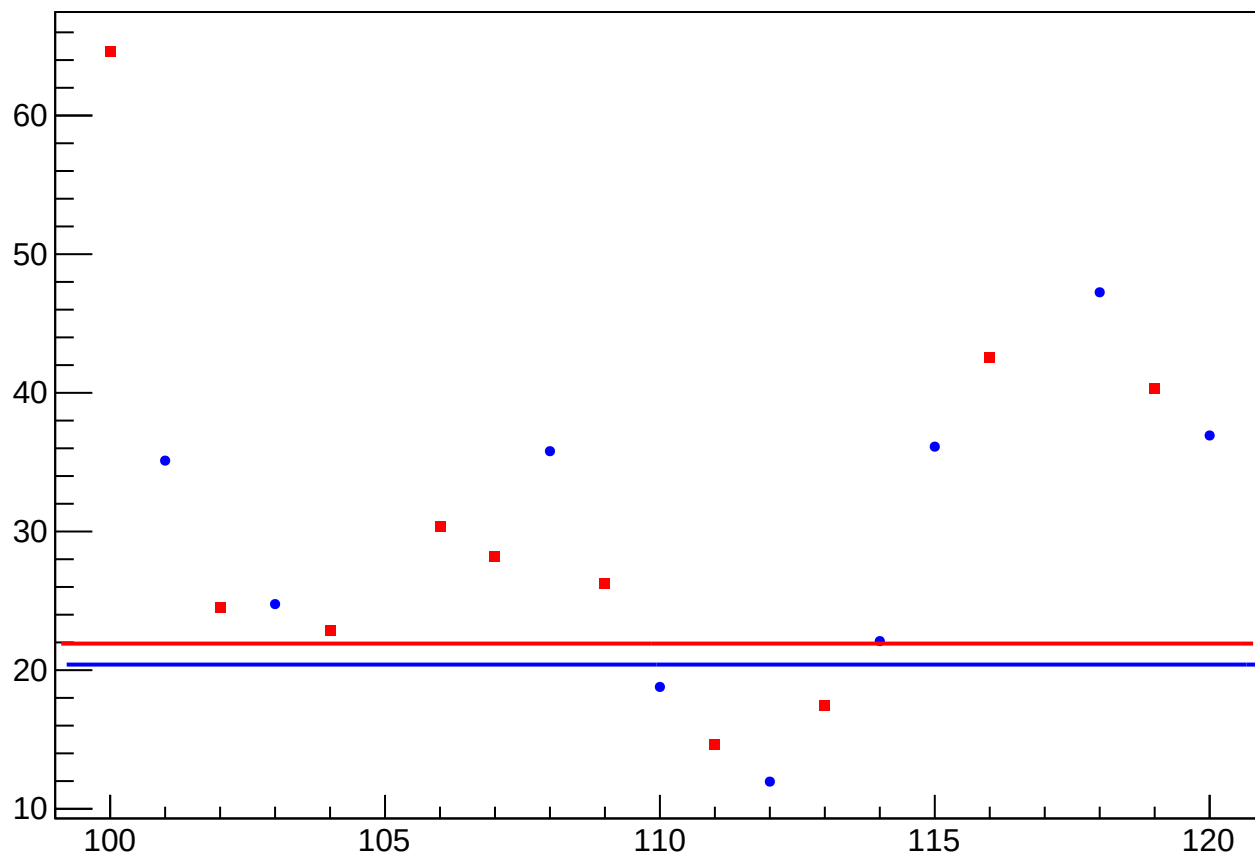
Right: 0.013 $\pm$ 0.009 χ^2 /NDF: 16.6/18

In: 0.019 $\pm$ 0.012 χ^2 /NDF:9.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.013 $\pm$ 0.009 χ^2 /NDF: 16.6/18

asym_sam_1548_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.403+/-0.009 χ^2/NDF : 1356796.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.917+/-0.008 χ^2/NDF : 785403.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

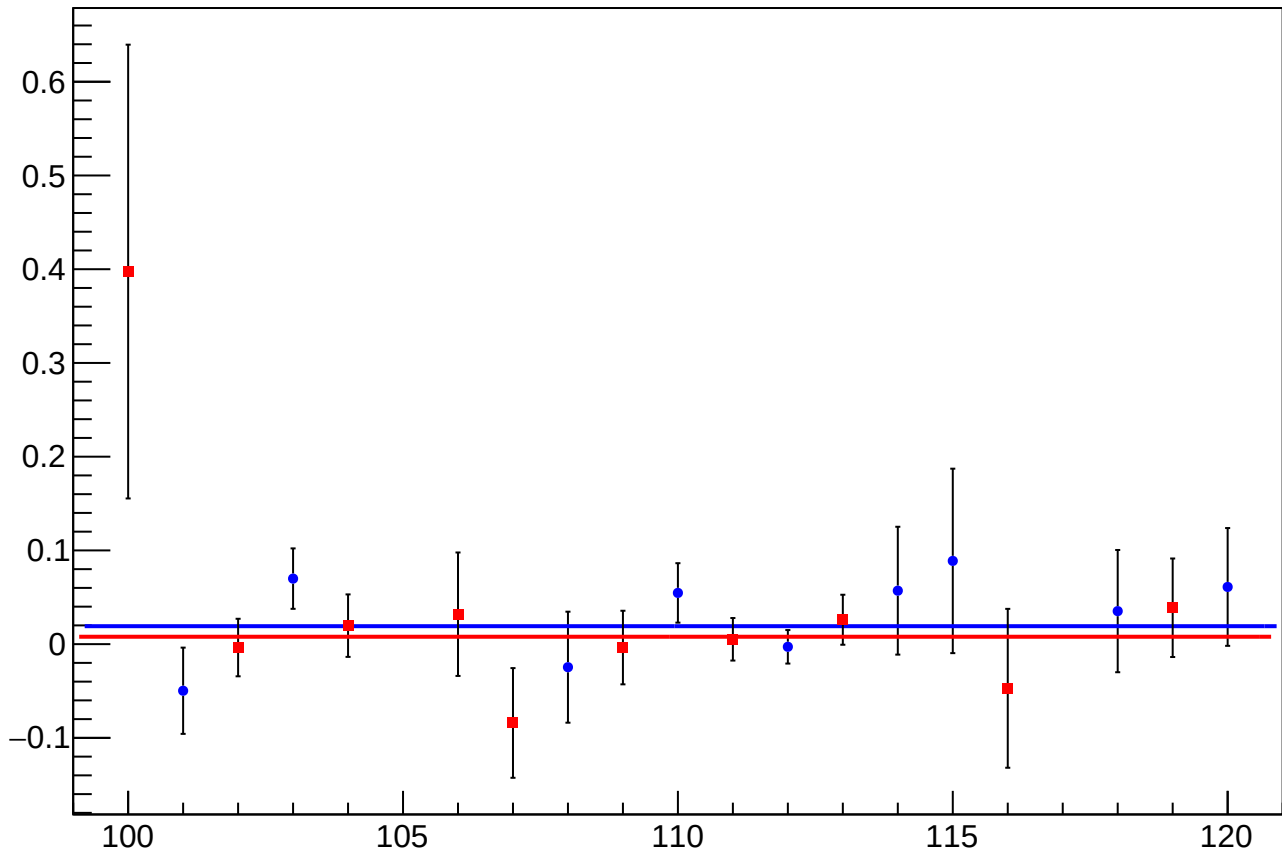
Right: 21.179+/-0.006 χ^2/NDF : 2157824.9/18

In: 20.403+/-0.009 χ^2/NDF : 1356796.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.179+/-0.006 χ^2/NDF : 2157824.9/18

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.019+/-0.012 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.012 χ^2/NDF : 6.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

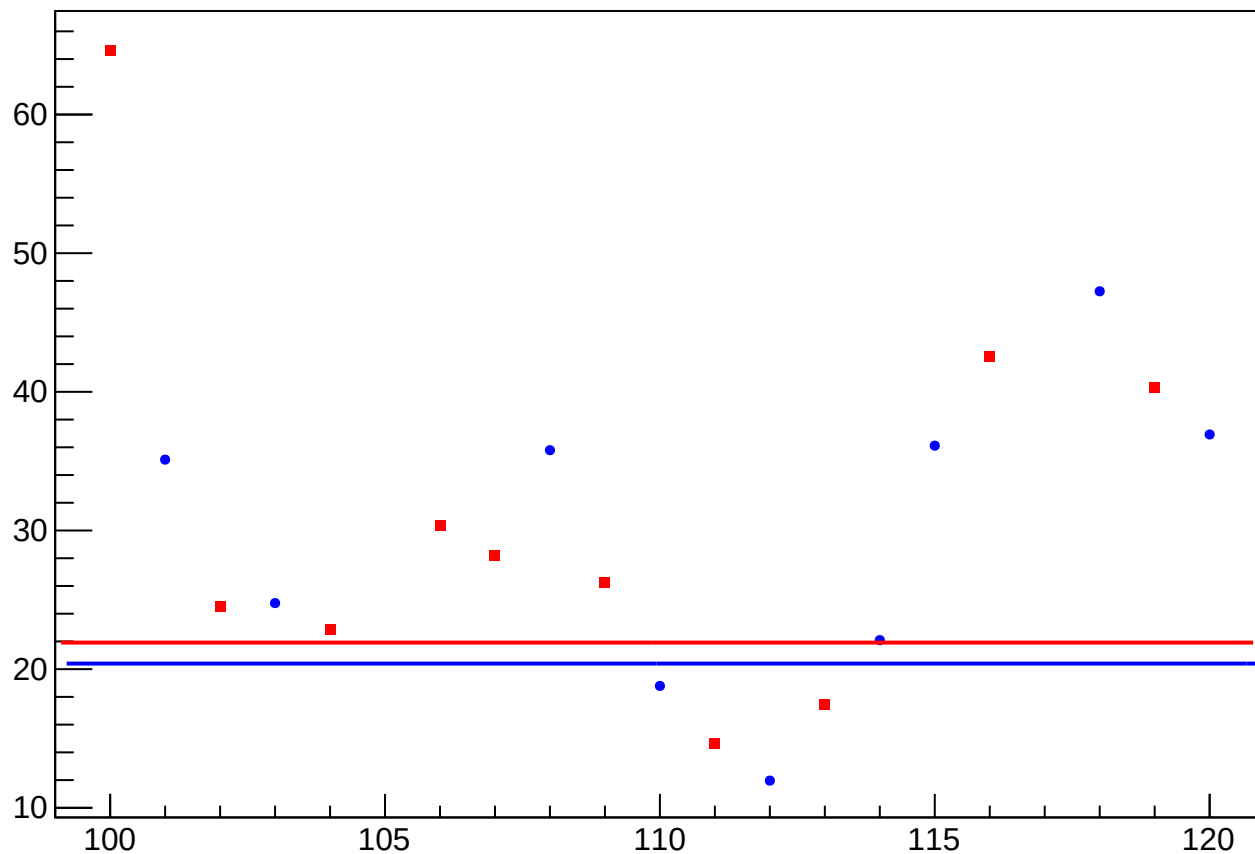
Right: 0.013+/-0.009 χ^2/NDF : 16.6/18

In: 0.019+/-0.012 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.009 χ^2/NDF : 16.6/18

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.403+/-0.009 χ^2/NDF : 1356796.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.917+/-0.008 χ^2/NDF : 785403.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

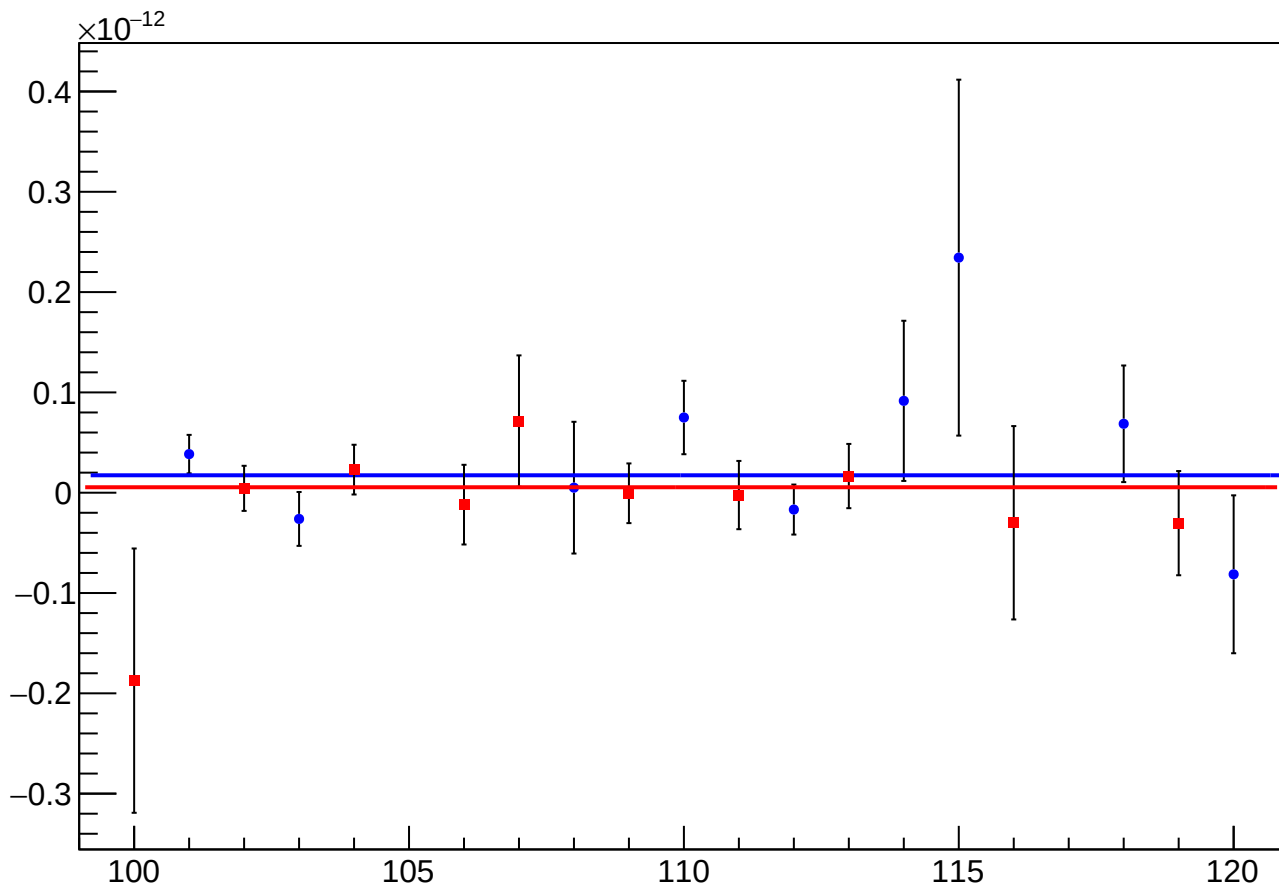
Right: 21.179+/-0.006 χ^2/NDF : 2157824.9/18

In: 20.403+/-0.009 χ^2/NDF : 1356796.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.179+/-0.006 χ^2/NDF : 2157824.9/18

asym_sam_1548_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

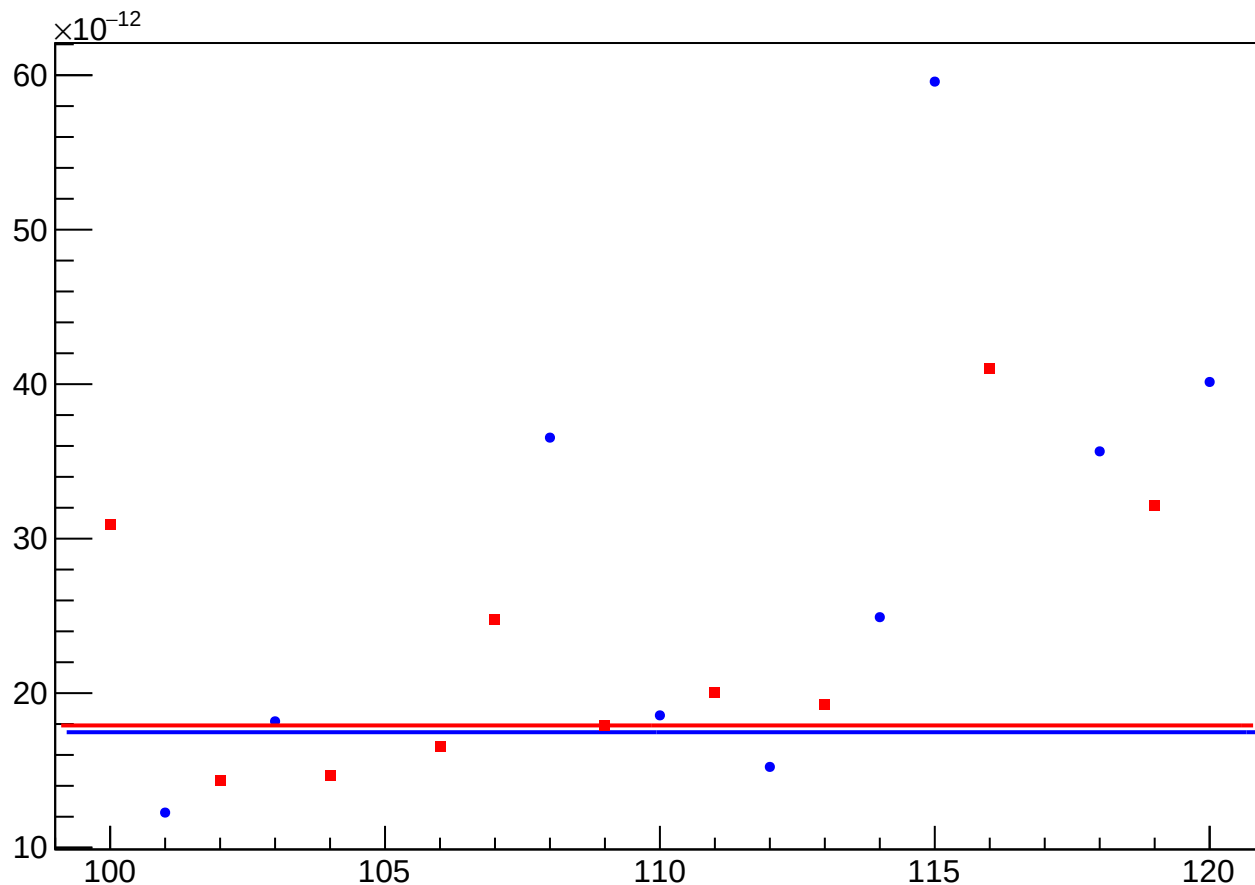
Right: 0.000+/-0.000 χ^2/NDF : 18.2/18

In: 0.000+/-0.000 χ^2/NDF : 12.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.2/18

asym_sam_1548_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 826891.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 406381.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

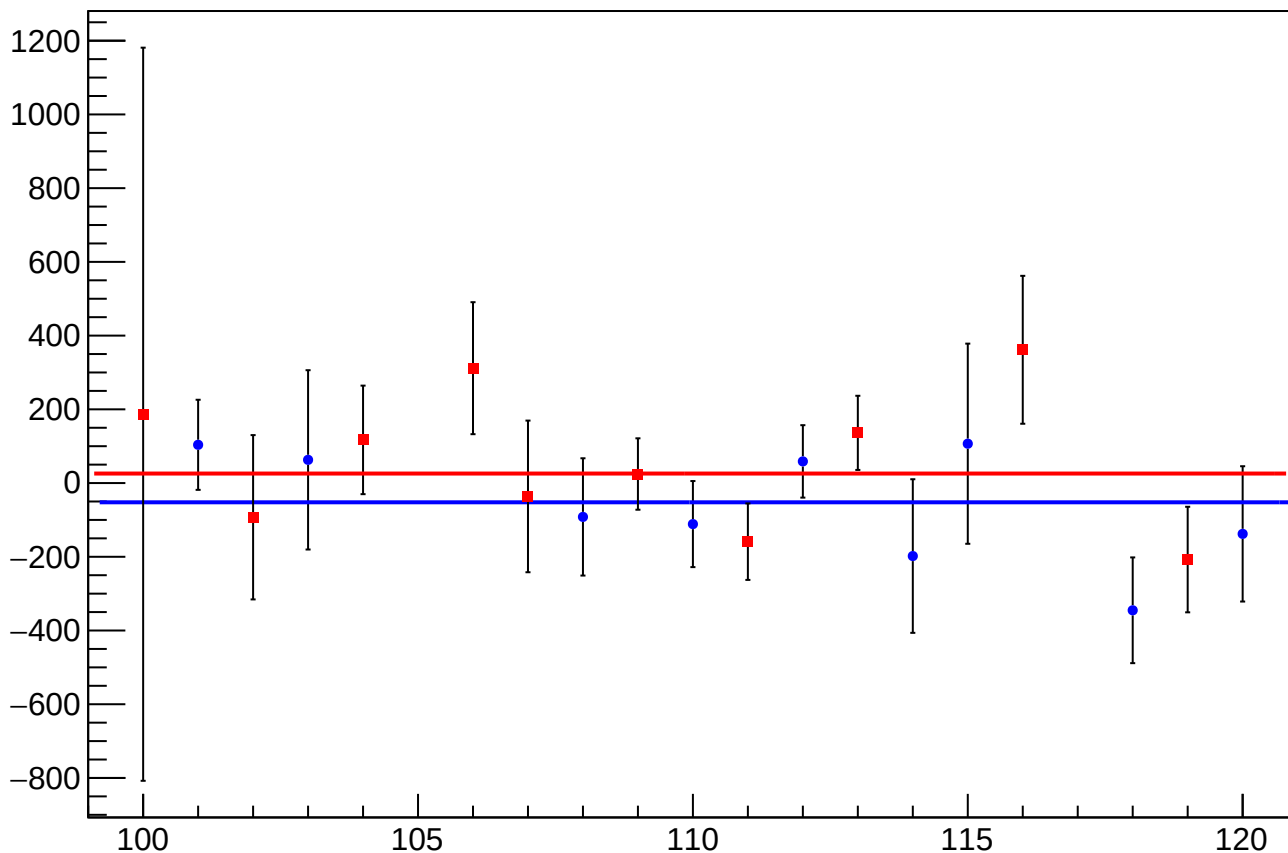
Right: 0.000+/-0.000 χ^2/NDF : 1234748.3/18

In: 0.000+/-0.000 χ^2/NDF : 826891.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1234748.3/18

reg_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -52.211 $\pm$ 49.076 χ^2 /NDF: 8.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 25.810 $\pm$ 44.989 χ^2 /NDF: 13.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

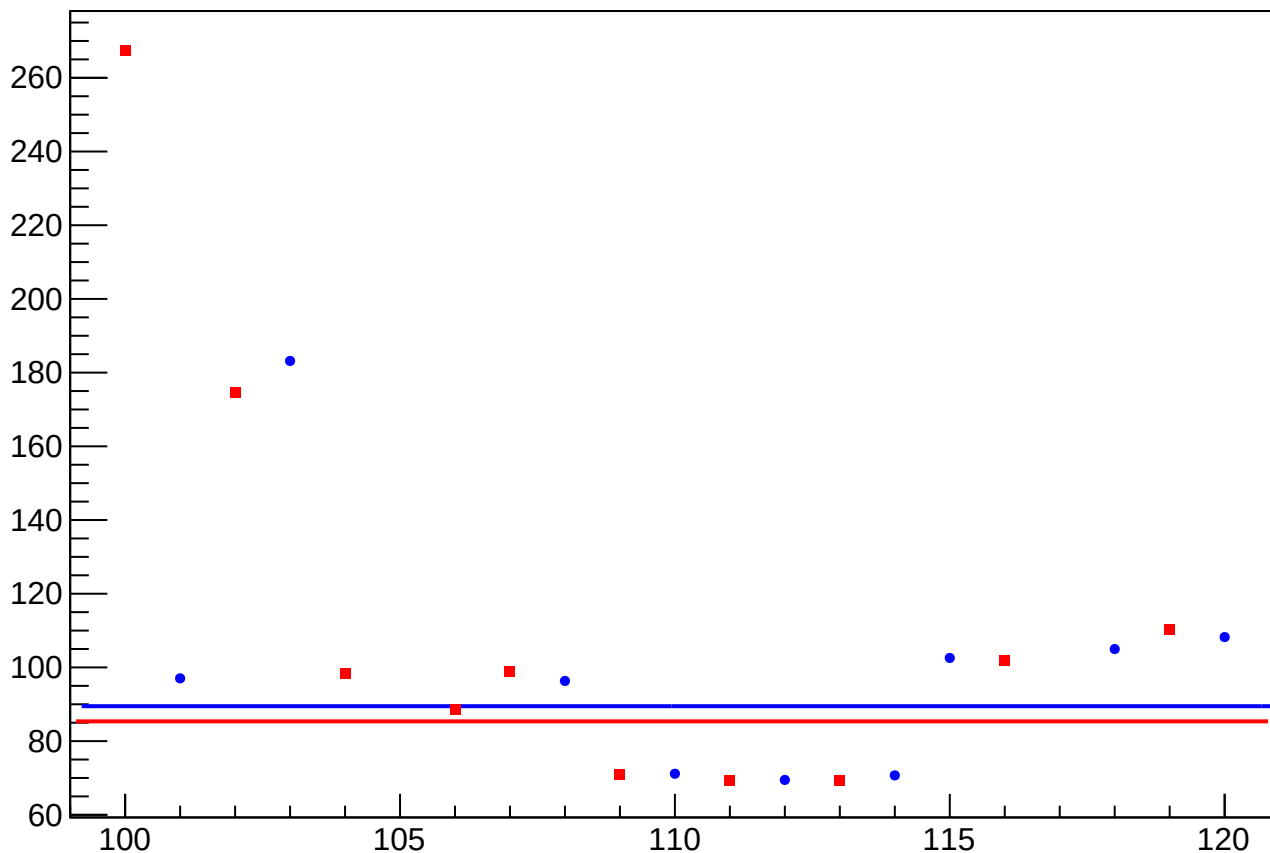
Right: -9.817 $\pm$ 33.163 χ^2 /NDF: 23.2/18

In: -52.211 $\pm$ 49.076 χ^2 /NDF:8.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -9.817 $\pm$ 33.163 χ^2 /NDF: 23.2/18

reg_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 89.478+/-0.035 χ^2/NDF : 505481.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.364+/-0.032 χ^2/NDF : 630362.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

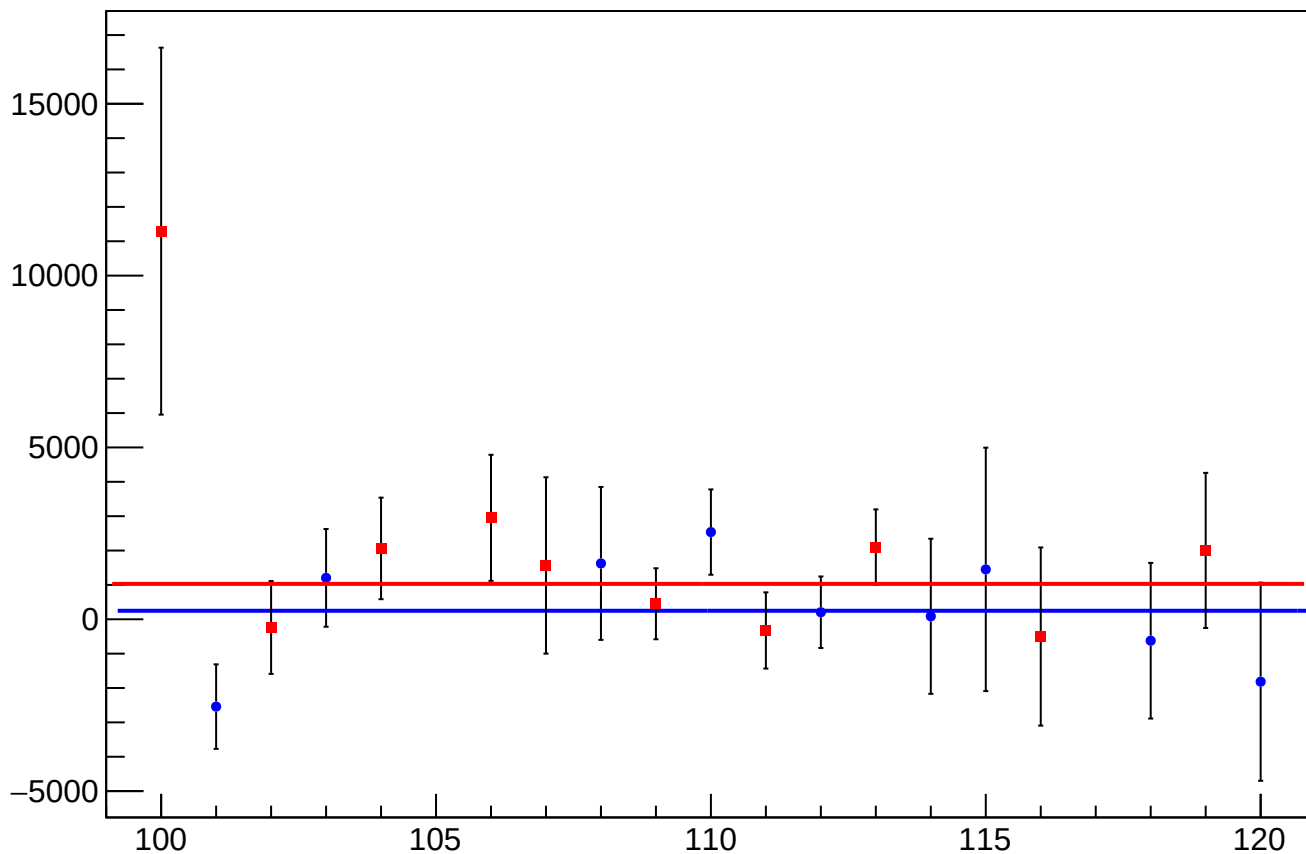
Right: 87.243+/-0.023 χ^2/NDF : 1143479.2/18

In: 89.478+/-0.035 χ^2/NDF : 505481.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.243+/-0.023 χ^2/NDF : 1143479.2/18

asym_sam_3748_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 247.451+/-532.838 χ^2/NDF : 10.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1030.072+/-475.820 χ^2/NDF : 9.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

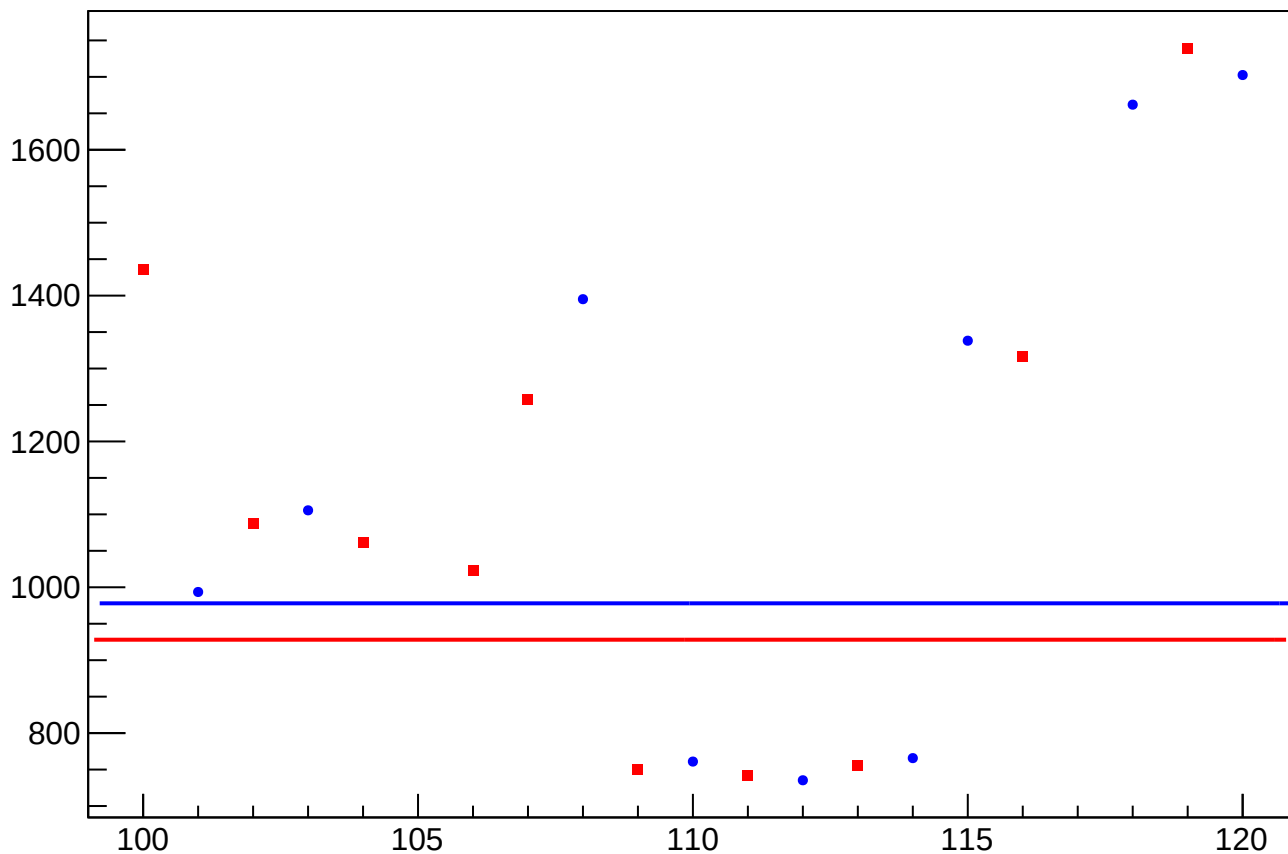
Right: 682.861+/-354.909 χ^2/NDF : 20.9/18

In: 247.451+/-532.838 χ^2/NDF : 10.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 682.861+/-354.909 χ^2/NDF : 20.9/18

asym_sam_3748_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 977.990+/-0.377 χ^2/NDF : 603719.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 928.090+/-0.336 χ^2/NDF : 569317.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

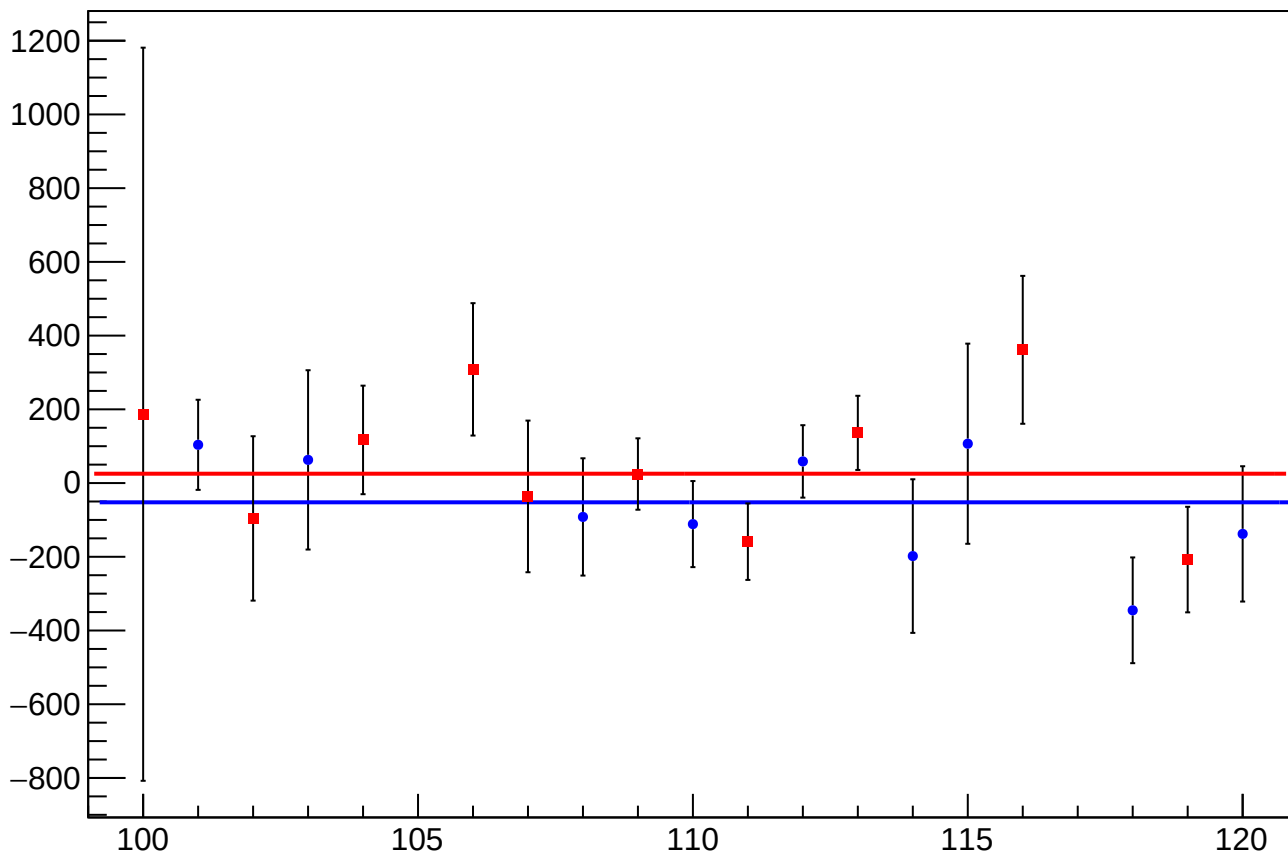
Right: 950.229+/-0.251 χ^2/NDF : 1182795.2/18

In: 977.990+/-0.377 χ^2/NDF : 603719.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 950.229+/-0.251 χ^2/NDF : 1182795.2/18

cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -52.236+/-49.076 χ^2/NDF : 8.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.365+/-44.998 χ^2/NDF : 13.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

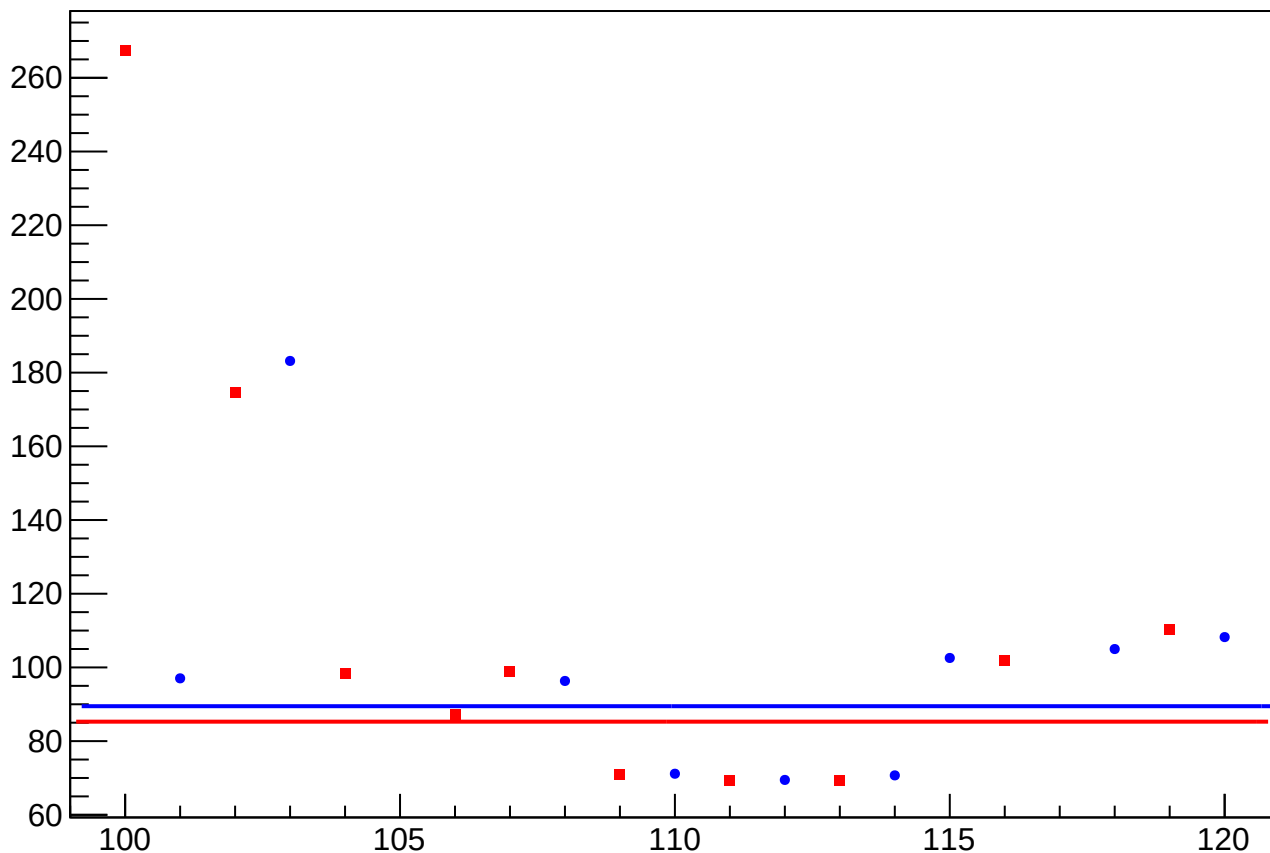
Right: -10.078+/-33.167 χ^2/NDF : 23.1/18

In: -52.236+/-49.076 χ^2/NDF : 8.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.078+/-33.167 χ^2/NDF : 23.1/18

cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 89.478+/-0.035 χ^2/NDF : 505484.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.281+/-0.032 χ^2/NDF : 630168.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

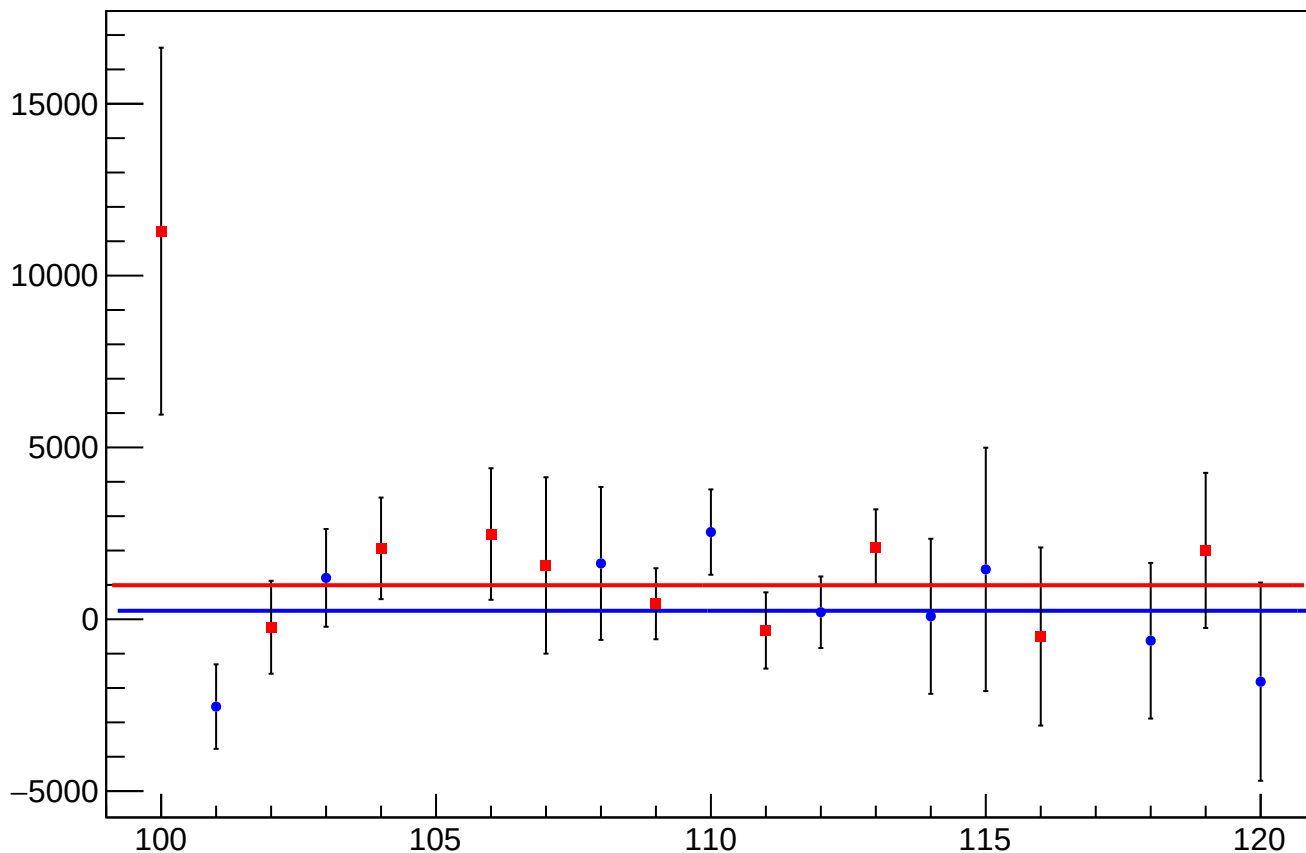
Right: 87.198+/-0.023 χ^2/NDF : 1143601.3/18

In: 89.478+/-0.035 χ^2/NDF : 505484.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.198+/-0.023 χ^2/NDF : 1143601.3/18

asym_sam_3748_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 247.425+/-532.846 χ^2/NDF : 10.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 991.207+/-477.175 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

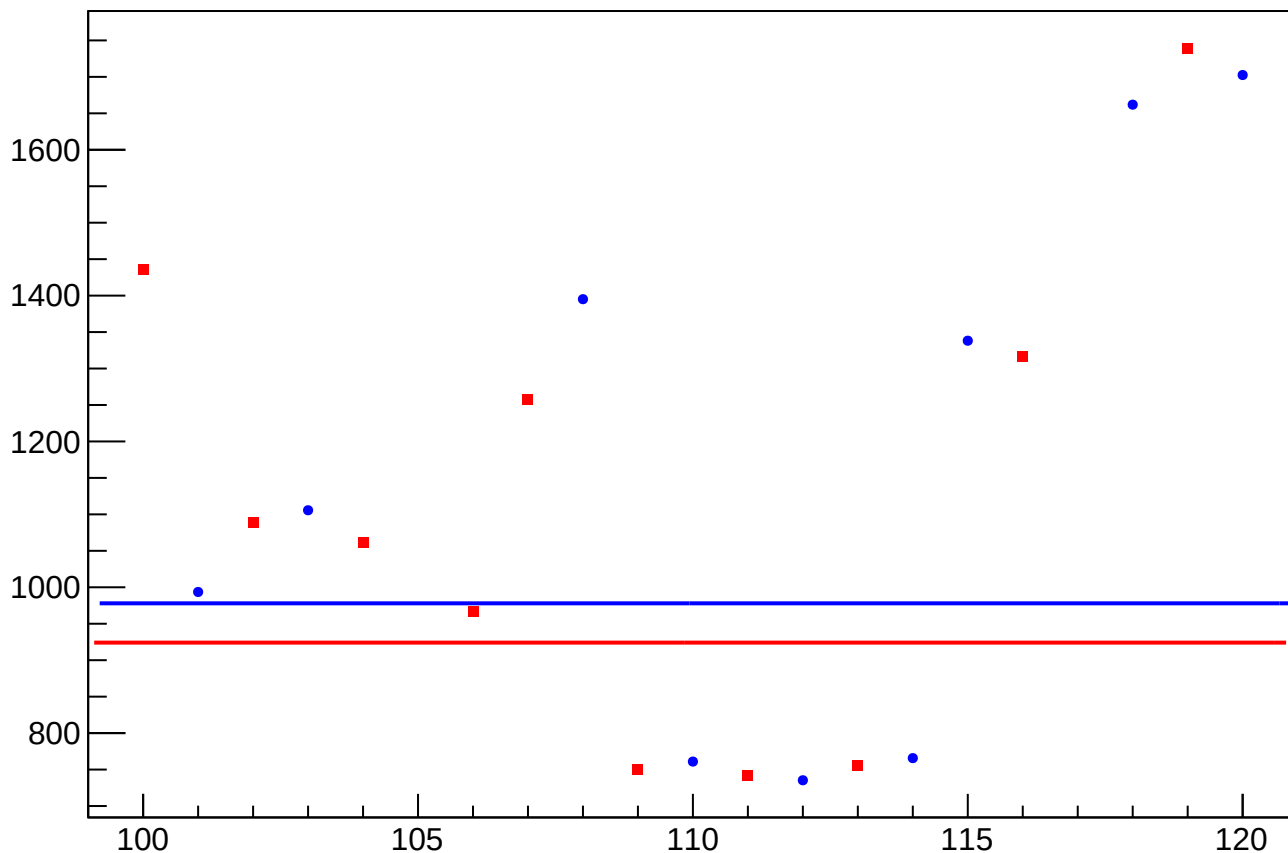
Right: 660.188+/-355.472 χ^2/NDF : 20.2/18

In: 247.425+/-532.846 χ^2/NDF : 10.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 660.188+/-355.472 χ^2/NDF : 20.2/18

asym_sam_3748_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 978.001+/-0.377 χ^2/NDF : 603743.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 924.094+/-0.337 χ^2/NDF : 564780.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

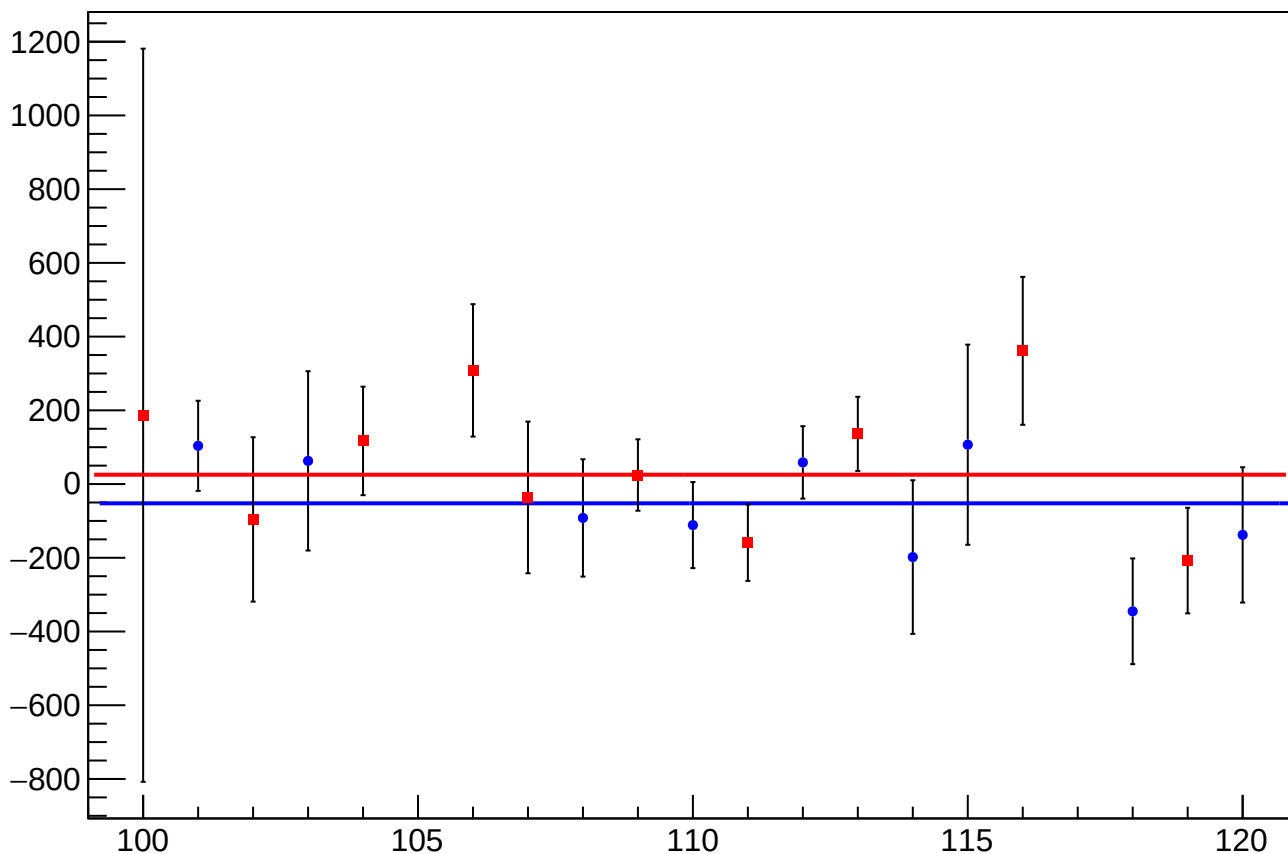
Right: 948.085+/-0.251 χ^2/NDF : 1179884.3/18

In: 978.001+/-0.377 χ^2/NDF : 603743.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 948.085+/-0.251 χ^2/NDF : 1179884.3/18

eigen_cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -52.236+/-49.076 χ^2/NDF : 8.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.365+/-44.998 χ^2/NDF : 13.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

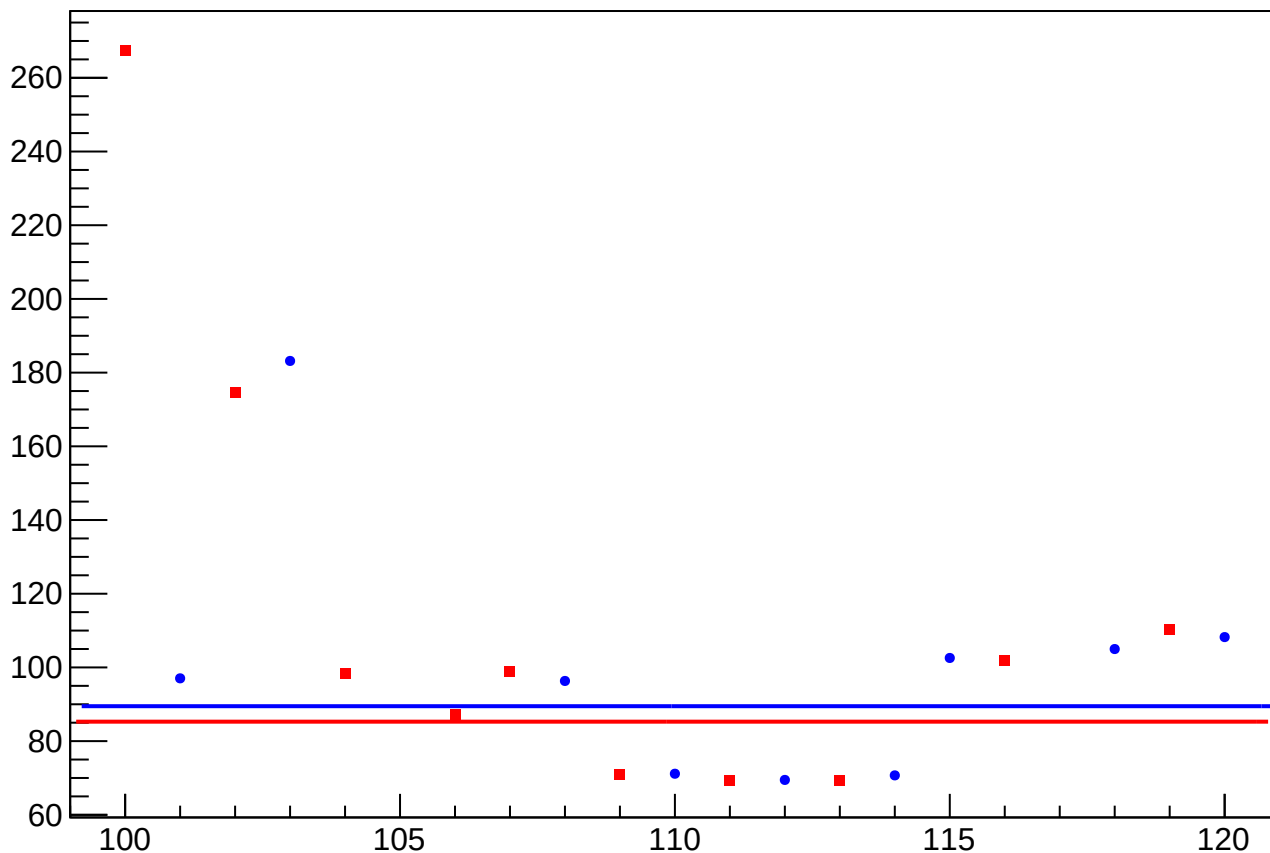
Right: -10.078+/-33.167 χ^2/NDF : 23.1/18

In: -52.236+/-49.076 χ^2/NDF : 8.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.078+/-33.167 χ^2/NDF : 23.1/18

eigen_cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 89.478+/-0.035 χ^2/NDF : 505484.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.281+/-0.032 χ^2/NDF : 630168.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

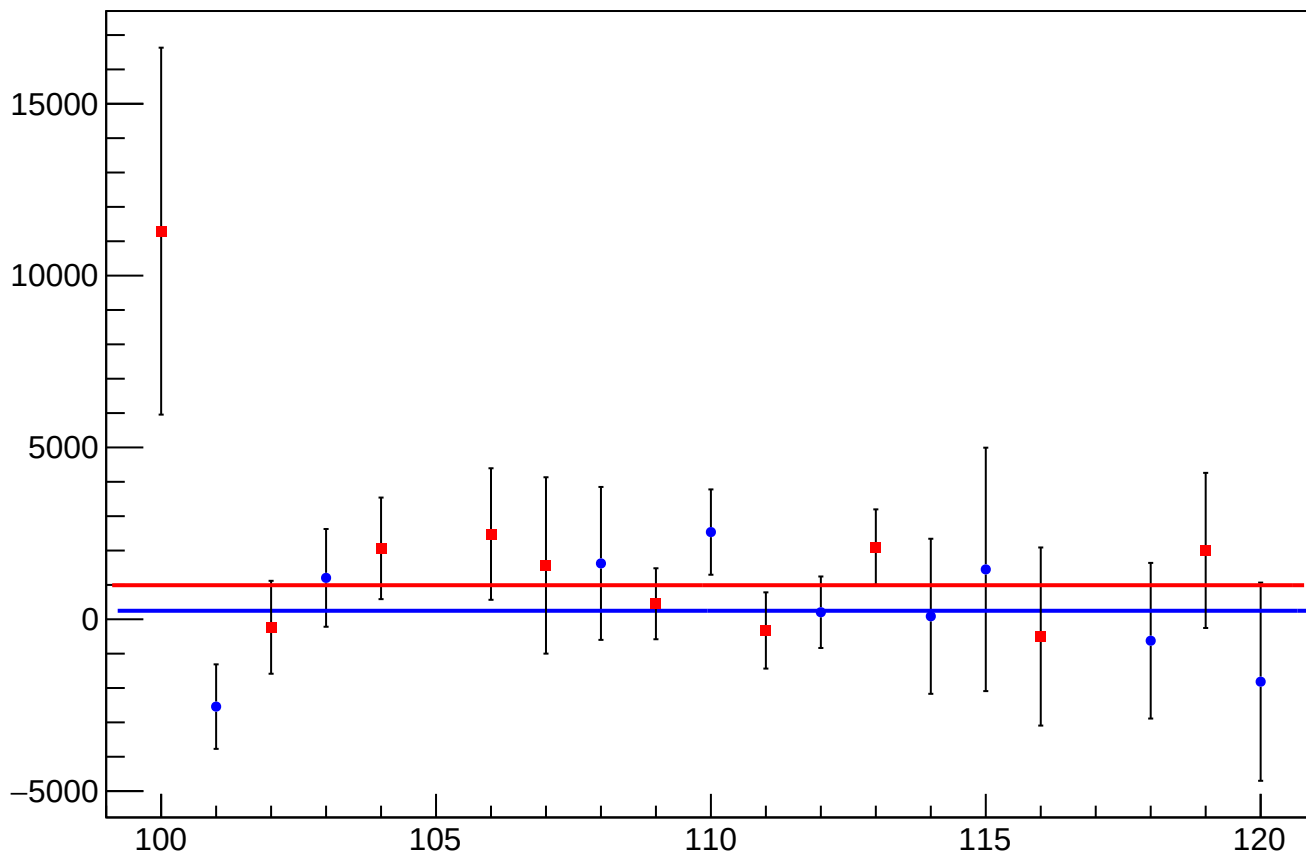
Right: 87.198+/-0.023 χ^2/NDF : 1143601.3/18

In: 89.478+/-0.035 χ^2/NDF : 505484.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.198+/-0.023 χ^2/NDF : 1143601.3/18

asym_sam_3748_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 247.425+/-532.846 χ^2/NDF : 10.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 991.207+/-477.175 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

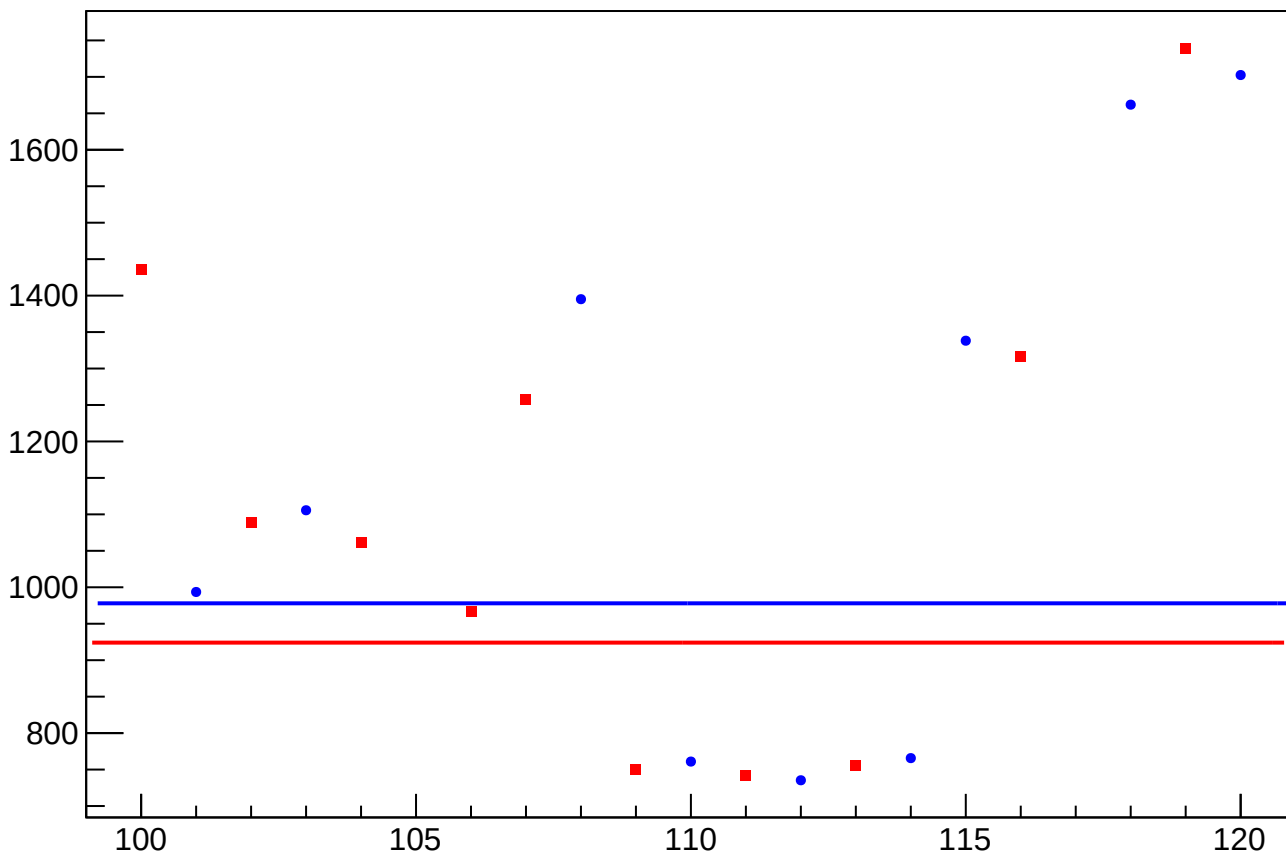
Right: 660.188+/-355.472 χ^2/NDF : 20.2/18

In: 247.425+/-532.846 χ^2/NDF : 10.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 660.188+/-355.472 χ^2/NDF : 20.2/18

asym_sam_3748_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 978.001+/-0.377 χ^2/NDF : 603743.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 924.094+/-0.337 χ^2/NDF : 564780.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

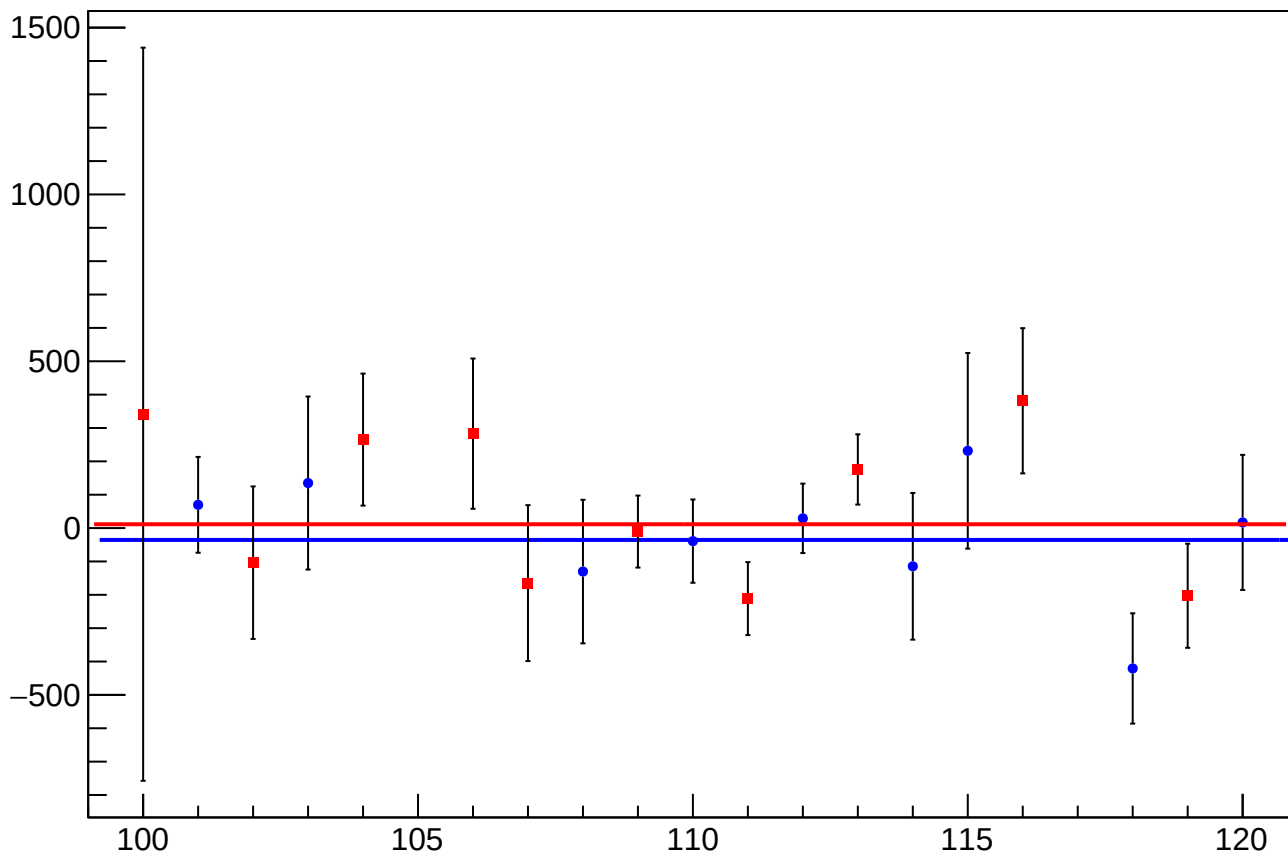
Right: 948.085+/-0.251 χ^2/NDF : 1179884.3/18

In: 978.001+/-0.377 χ^2/NDF : 603743.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 948.085+/-0.251 χ^2/NDF : 1179884.3/18

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -35.526+/-54.645 χ^2/NDF : 8.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 11.479+/-49.667 χ^2/NDF : 15.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

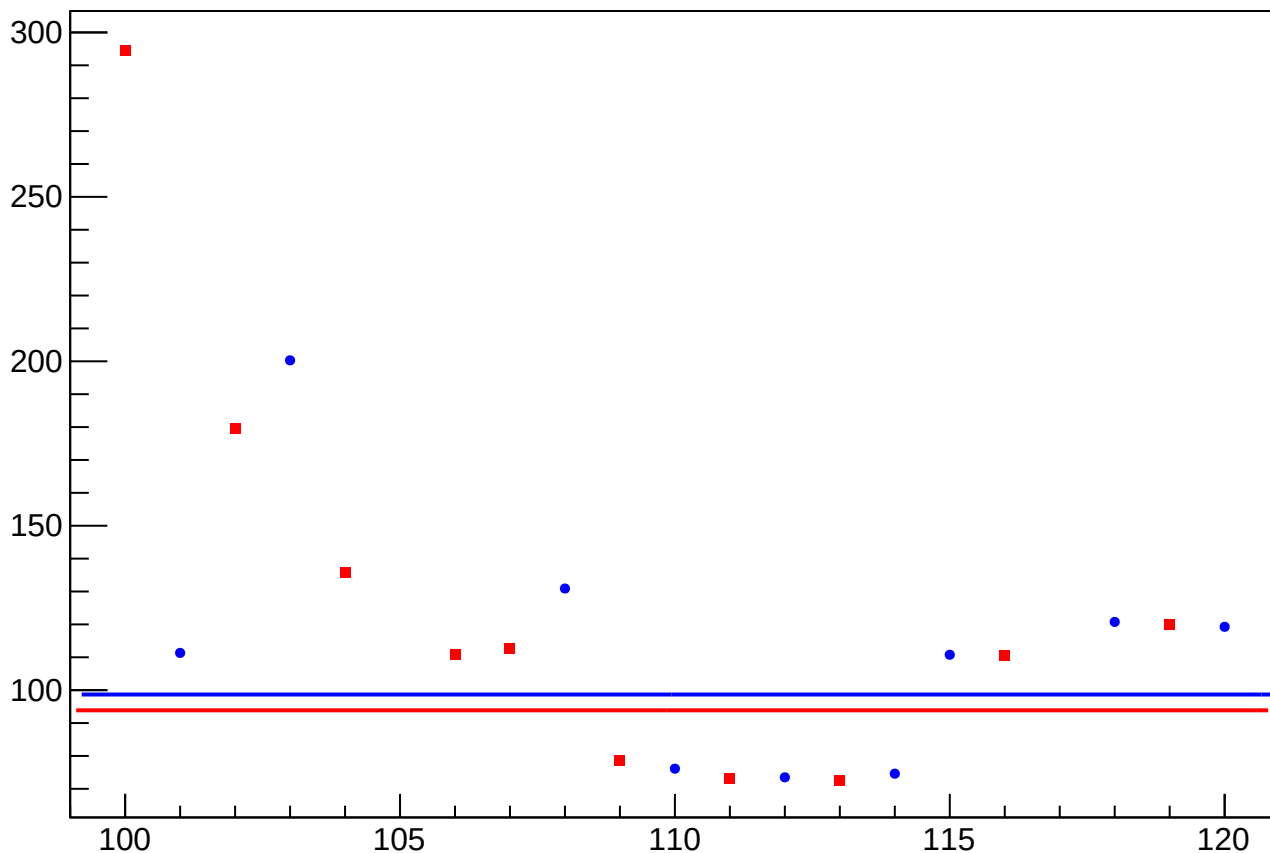
Right: -9.785+/-36.754 χ^2/NDF : 23.8/18

In: -35.526+/-54.645 χ^2/NDF :8.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -9.785+/-36.754 χ^2/NDF : 23.8/18

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 98.677+/-0.039 χ^2/NDF : 633713.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.871+/-0.035 χ^2/NDF : 725804.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

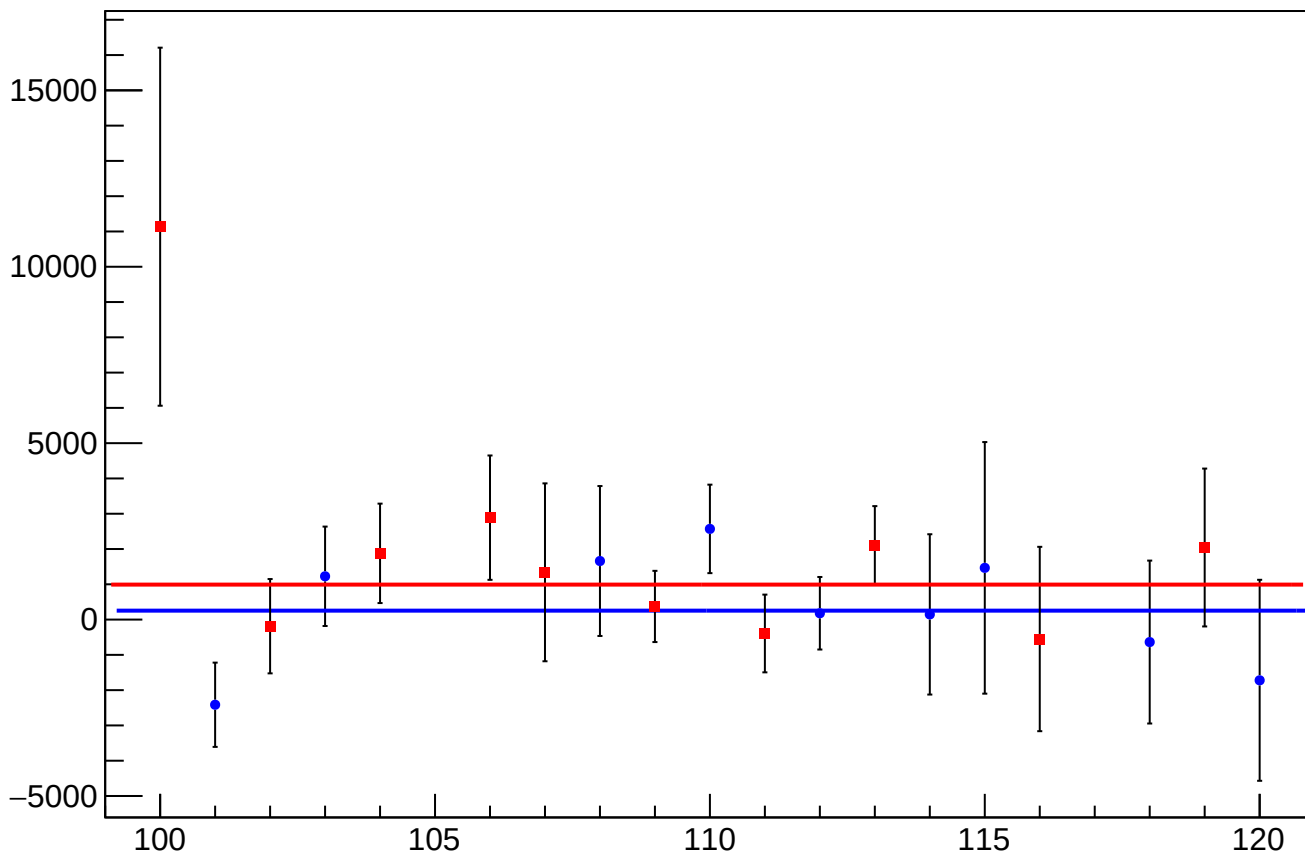
Right: 96.045+/-0.026 χ^2/NDF : 1367986.9/18

In: 98.677+/-0.039 χ^2/NDF : 633713.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.045+/-0.026 χ^2/NDF : 1367986.9/18

asym_sam_3748_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 253.222+/-527.616 χ^2/NDF : 10.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 991.281+/-468.601 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

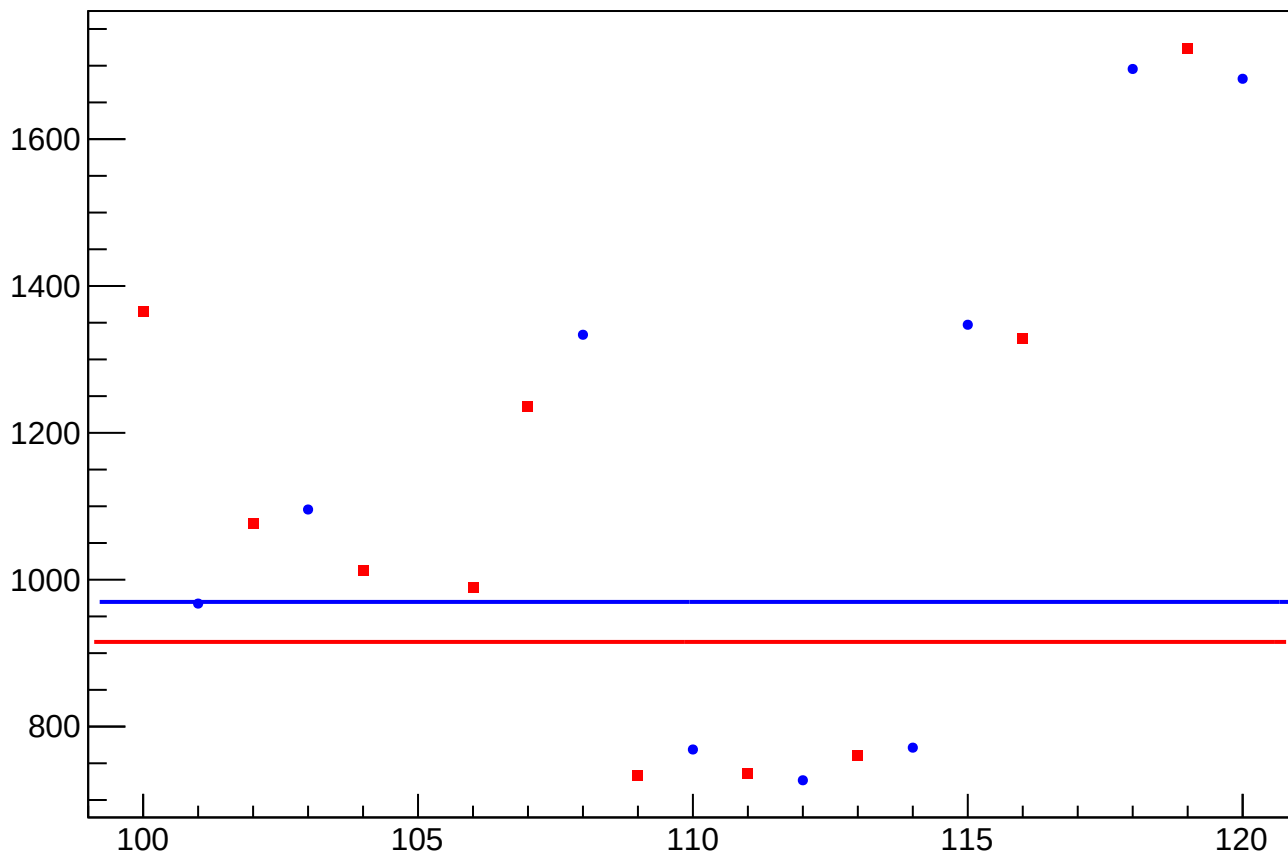
Right: 665.821+/-350.366 χ^2/NDF : 21.1/18

In: 253.222+/-527.616 χ^2/NDF : 10.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 665.821+/-350.366 χ^2/NDF : 21.1/18

asym_sam_3748_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 969.766+/-0.373 χ^2/NDF : 598117.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 915.282+/-0.331 χ^2/NDF : 558199.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

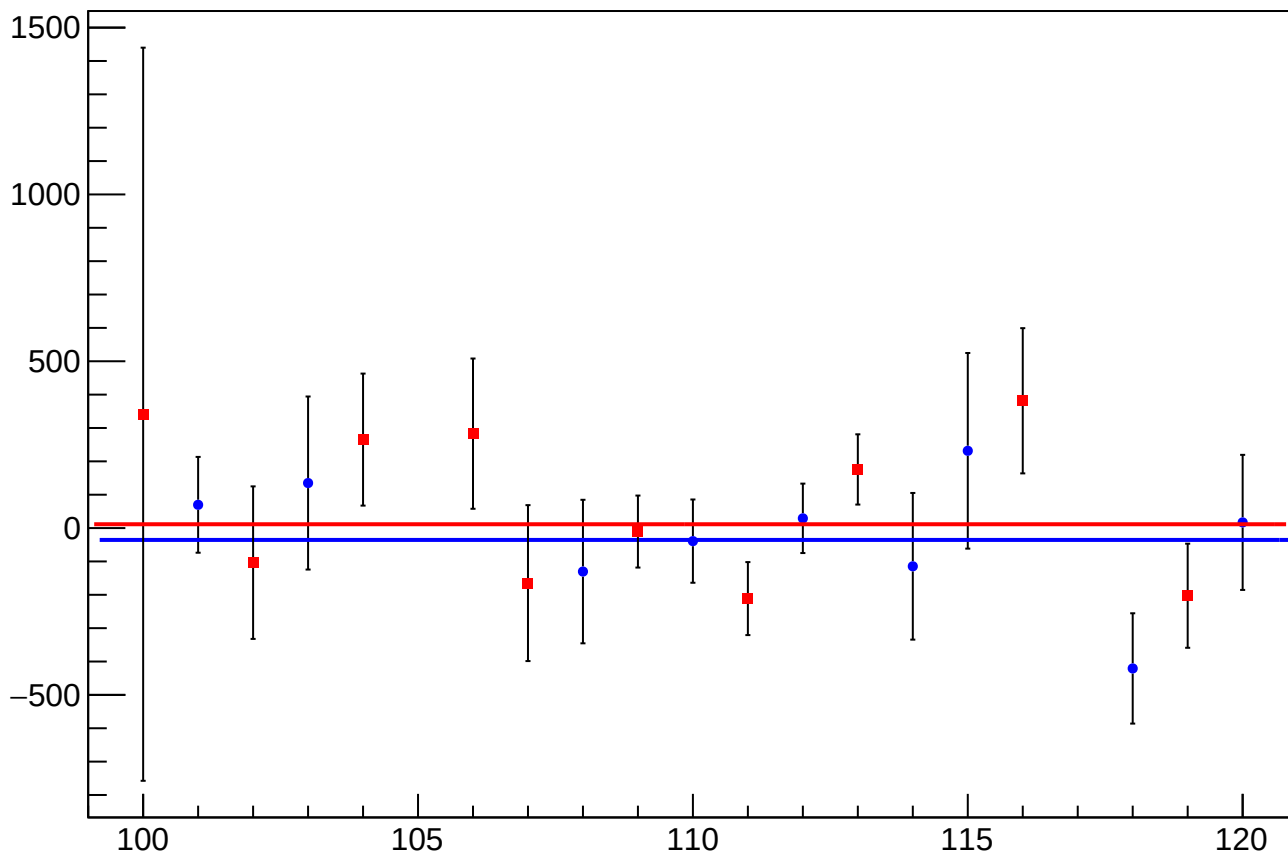
Right: 939.307+/-0.248 χ^2/NDF : 1168239.9/18

In: 969.766+/-0.373 χ^2/NDF : 598117.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 939.307+/-0.248 χ^2/NDF : 1168239.9/18

eigen_dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -35.527+/-54.645 χ^2/NDF : 8.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.477+/-49.667 χ^2/NDF : 15.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

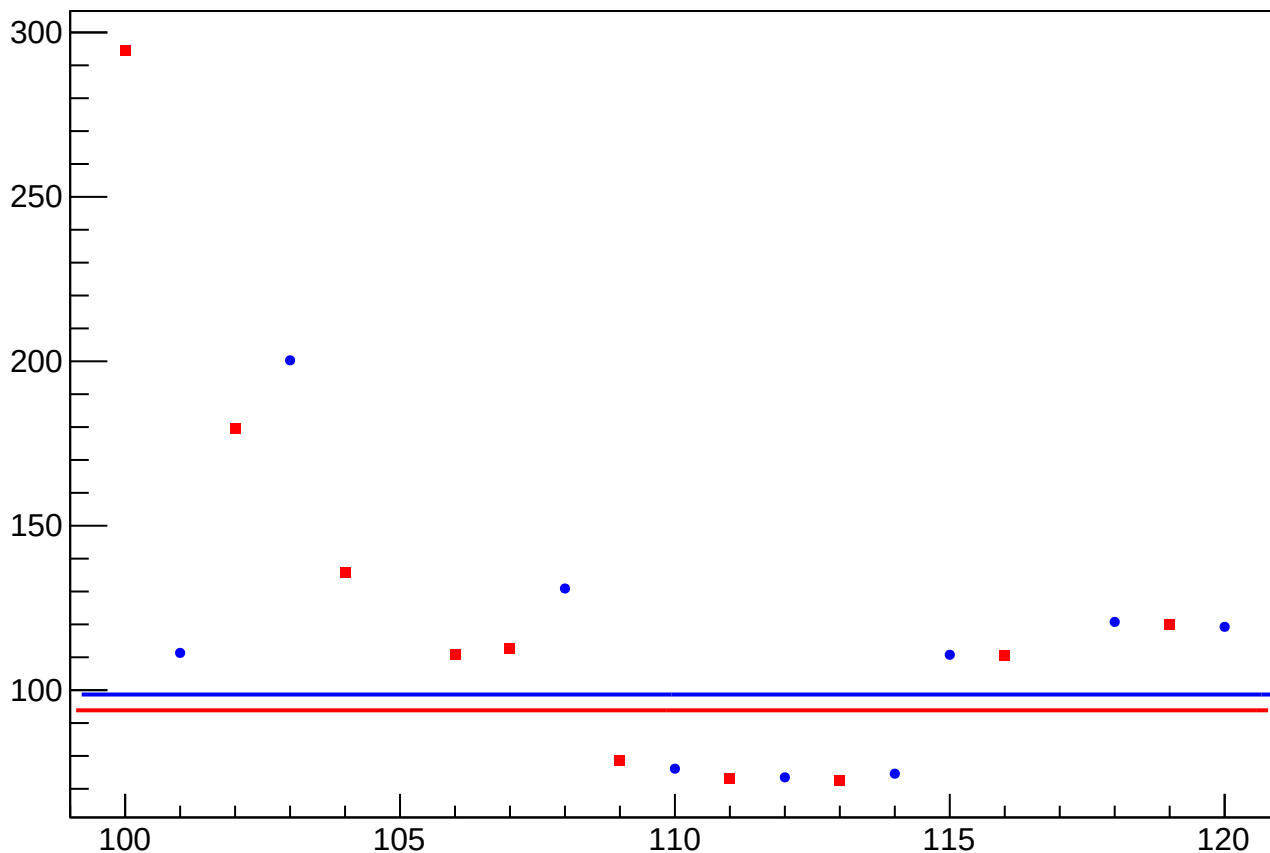
Right: -9.787+/-36.754 χ^2/NDF : 23.8/18

In: -35.527+/-54.645 χ^2/NDF : 8.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.787+/-36.754 χ^2/NDF : 23.8/18

eigen_dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 98.677+/-0.039 χ^2/NDF : 633714.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.872+/-0.035 χ^2/NDF : 725805.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

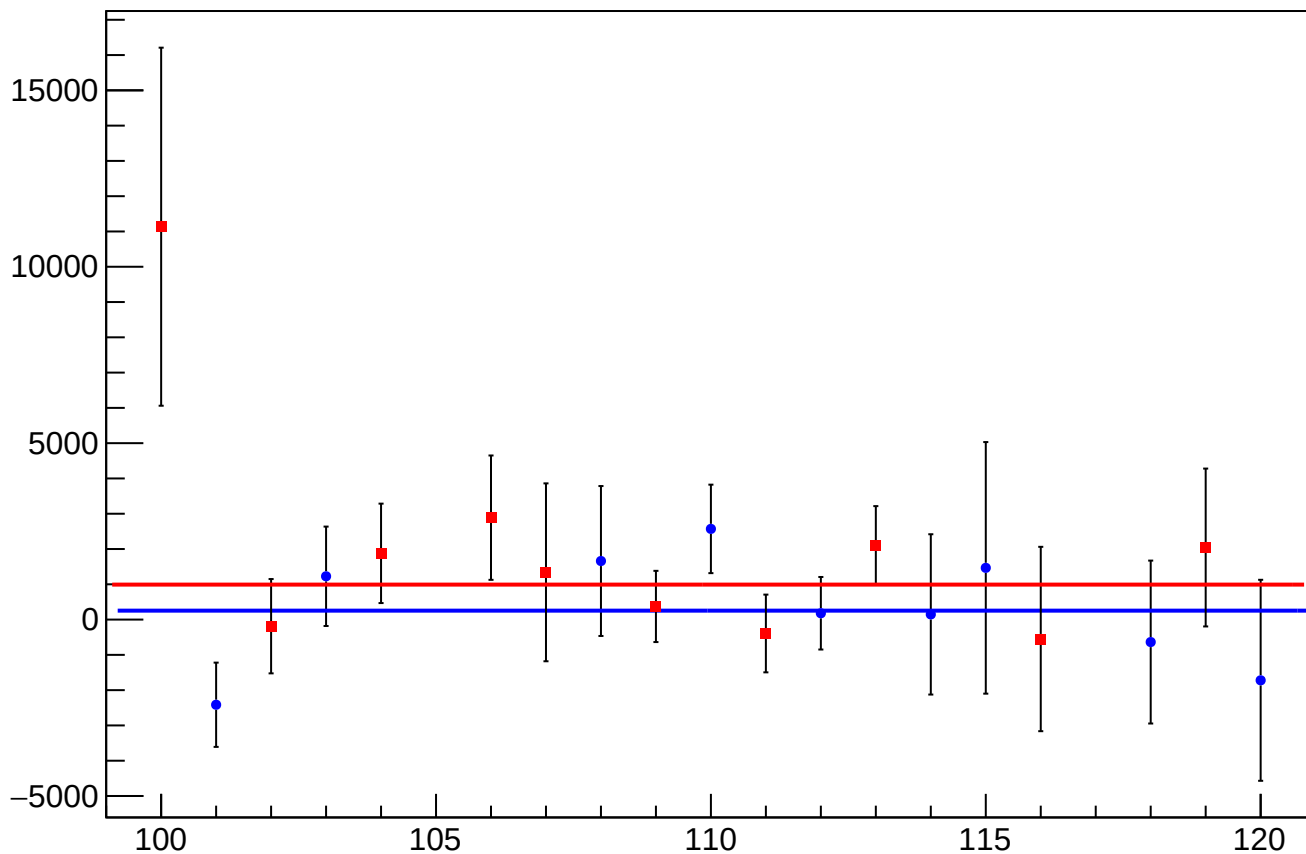
Right: 96.046+/-0.026 χ^2/NDF : 1367989.8/18

In: 98.677+/-0.039 χ^2/NDF : 633714.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.046+/-0.026 χ^2/NDF : 1367989.8/18

asym_sam_3748_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 253.221+/-527.615 χ^2/NDF : 10.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 991.279+/-468.600 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

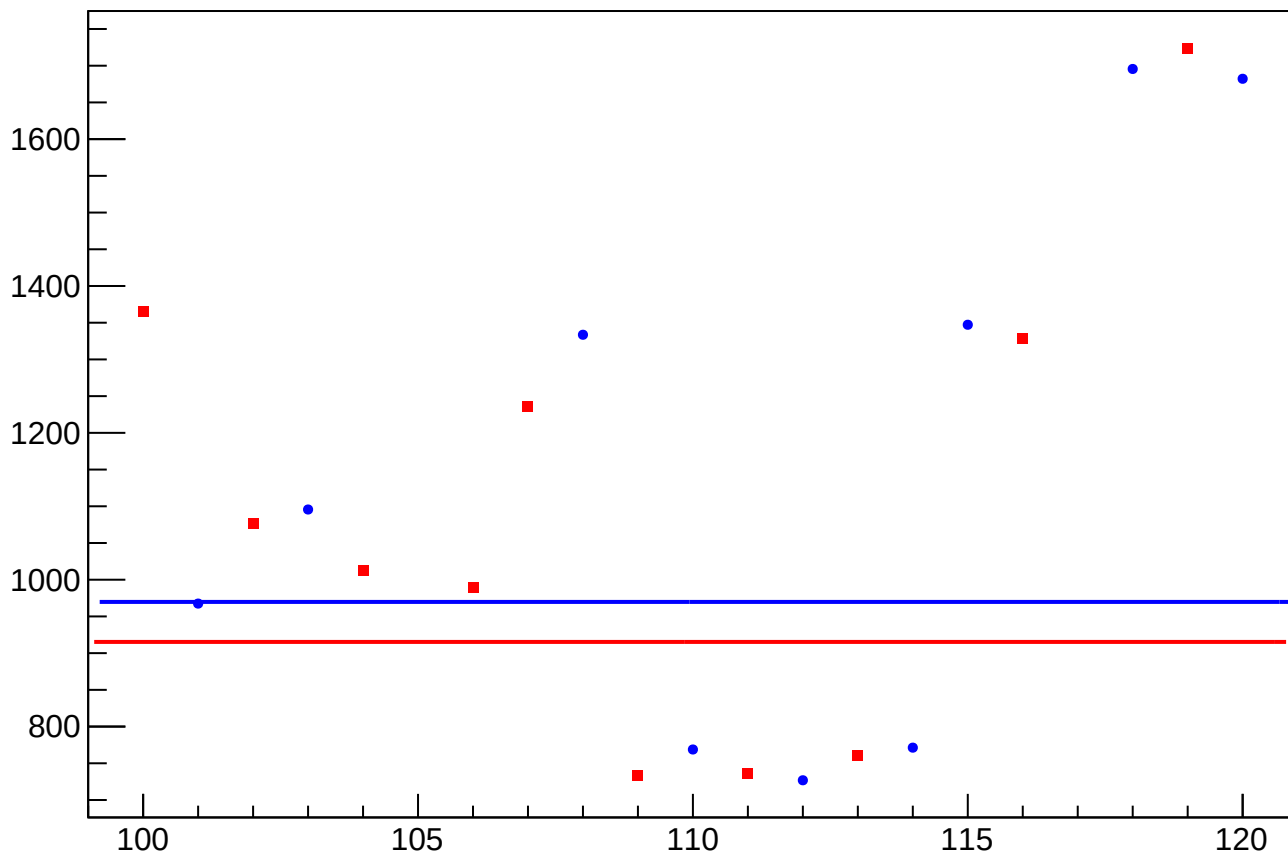
Right: 665.819+/-350.365 χ^2/NDF : 21.1/18

In: 253.221+/-527.615 χ^2/NDF : 10.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 665.819+/-350.365 χ^2/NDF : 21.1/18

asym_sam_3748_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 969.764+/-0.373 χ^2/NDF : 598121.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 915.280+/-0.331 χ^2/NDF : 558201.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

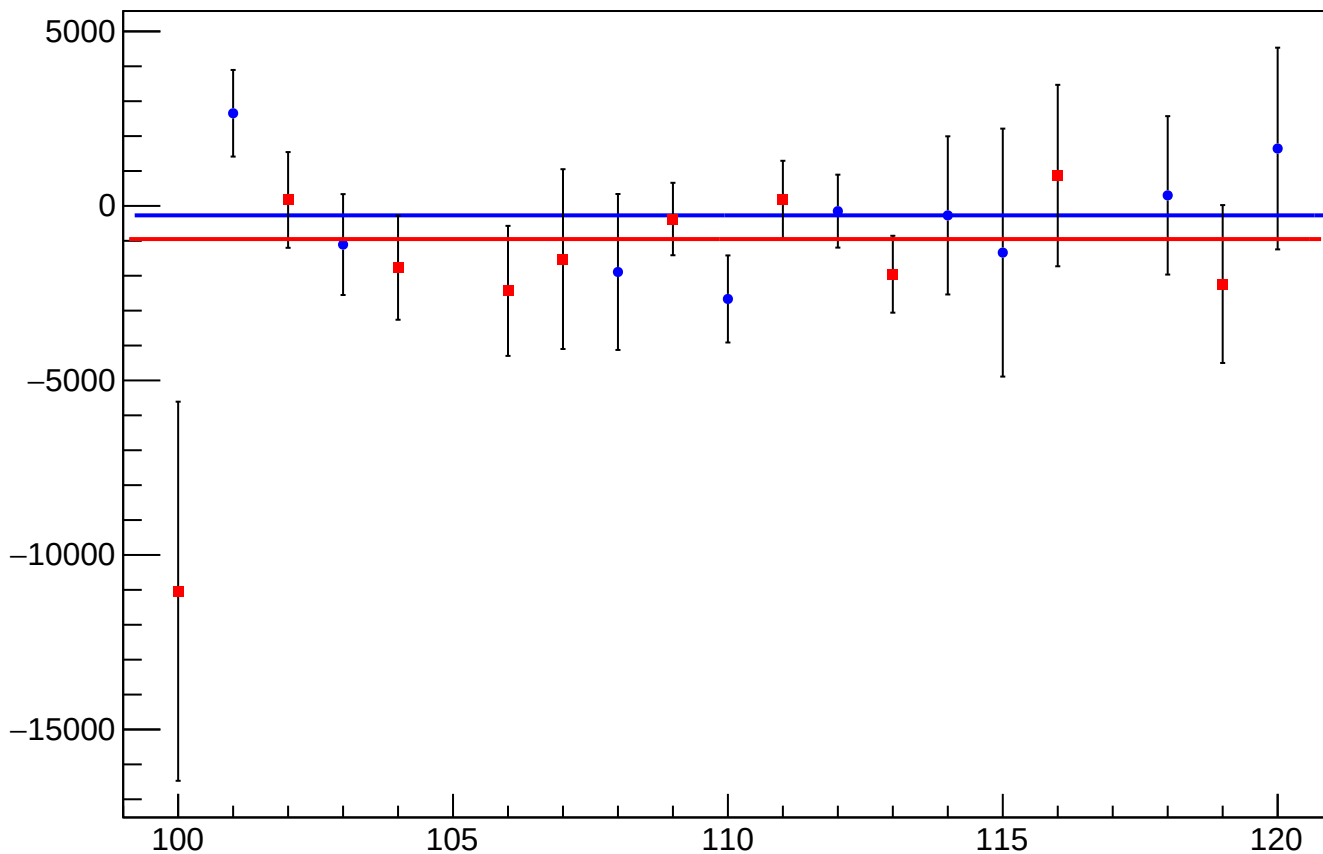
Right: 939.306+/-0.248 χ^2/NDF : 1168245.2/18

In: 969.764+/-0.373 χ^2/NDF : 598121.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 939.306+/-0.248 χ^2/NDF : 1168245.2/18

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -270.411+/-536.407 χ^2/NDF : 10.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -949.975+/-479.090 χ^2/NDF : 8.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

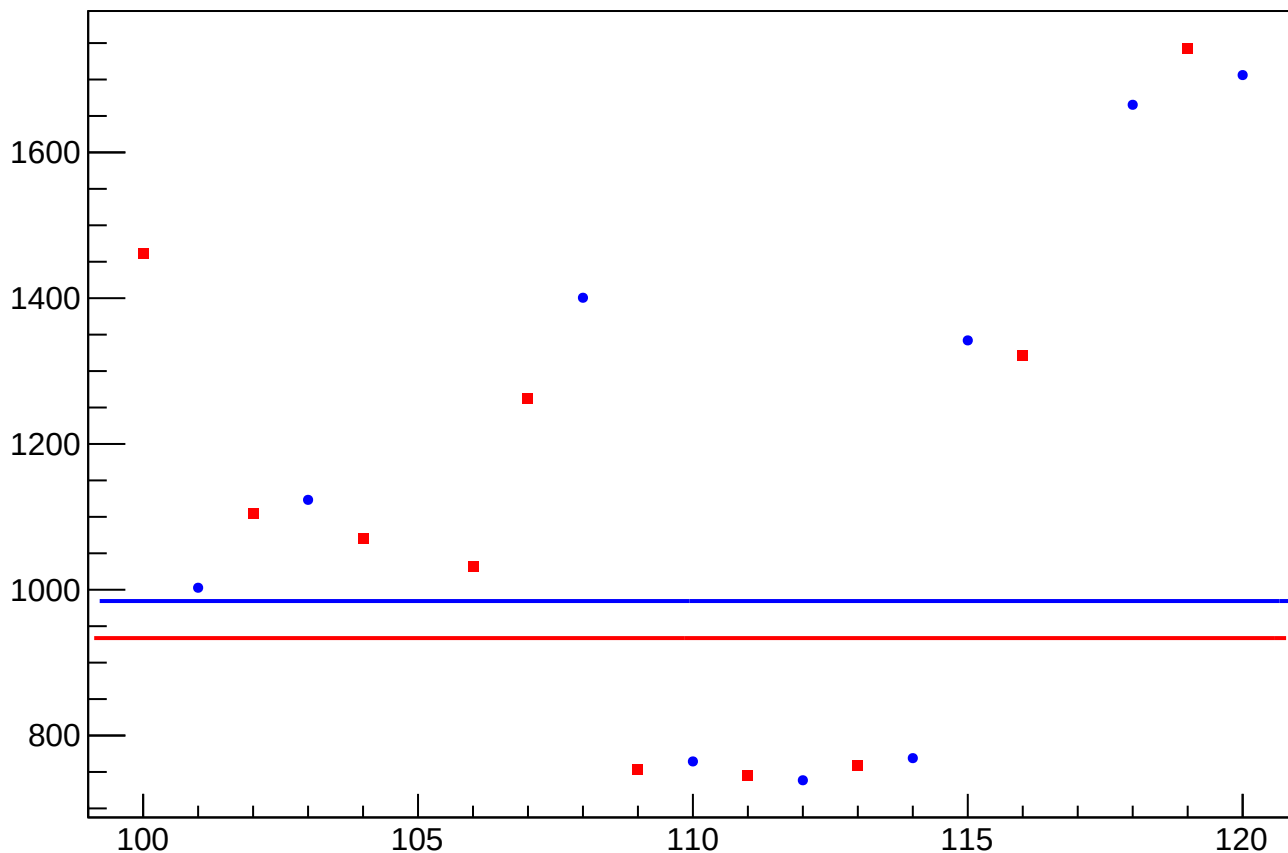
Right: -648.428+/-357.320 χ^2/NDF : 19.7/18

In: -270.411+/-536.407 χ^2/NDF :10.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -648.428+/-357.320 χ^2/NDF : 19.7/18

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 984.497+/-0.379 χ^2/NDF : 604414.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 933.670+/-0.339 χ^2/NDF : 572894.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

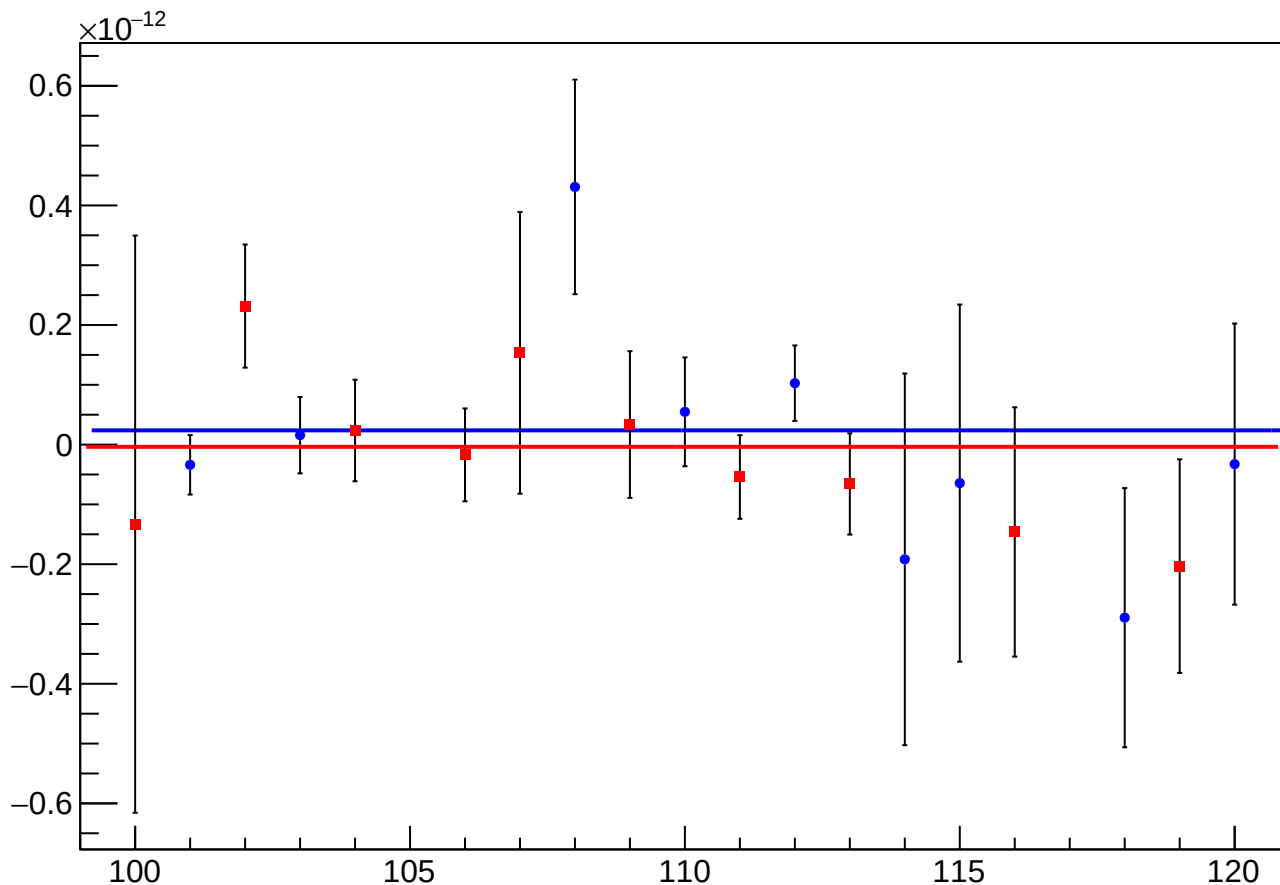
Right: 956.224+/-0.253 χ^2/NDF : 1187297.9/18

In: 984.497+/-0.379 χ^2/NDF : 604414.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 956.224+/-0.253 χ^2/NDF : 1187297.9/18

asym_sam_3748_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

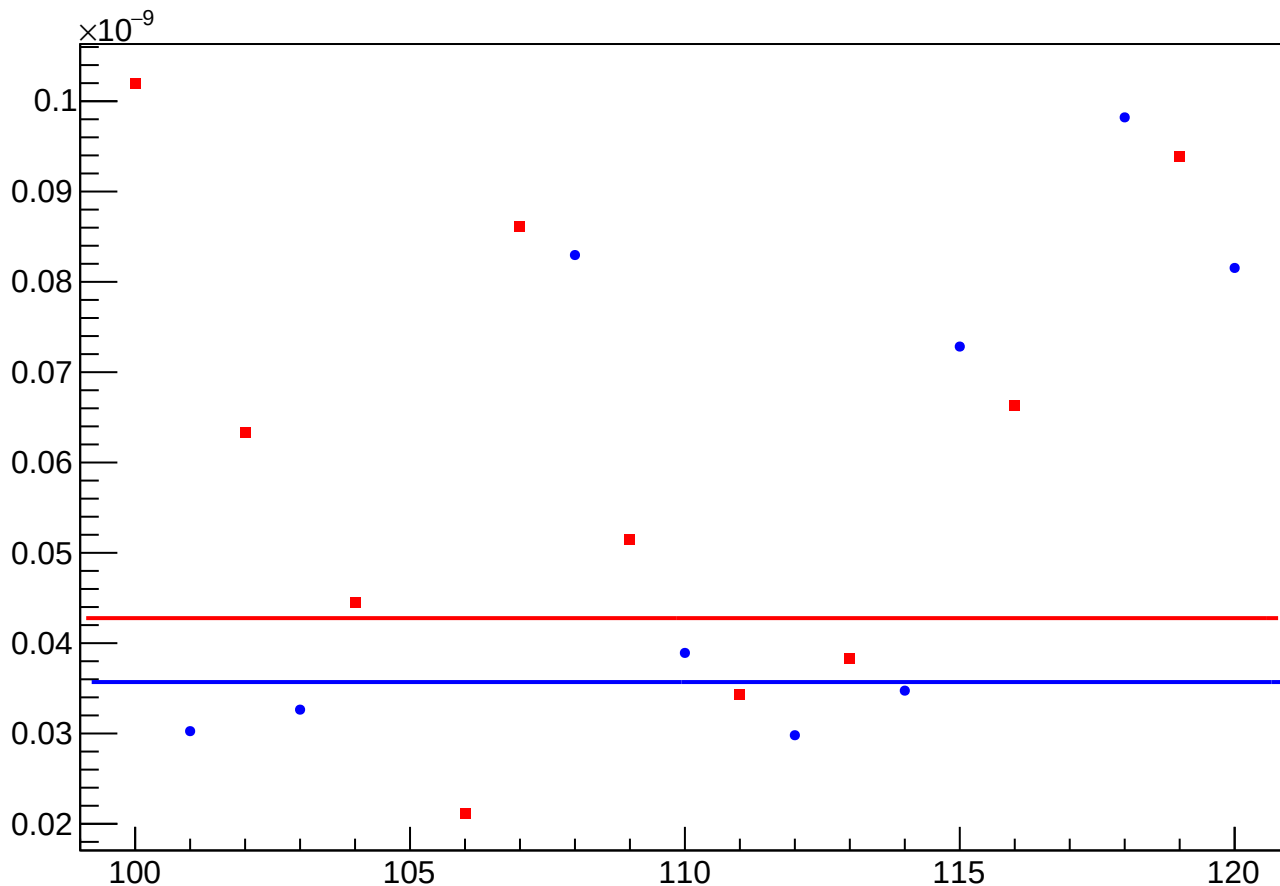
Right: 0.000+/-0.000 χ^2/NDF : 20.0/18

In: 0.000+/-0.000 χ^2/NDF : 10.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.0/18

asym_sam_3748_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 460753.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 566797.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

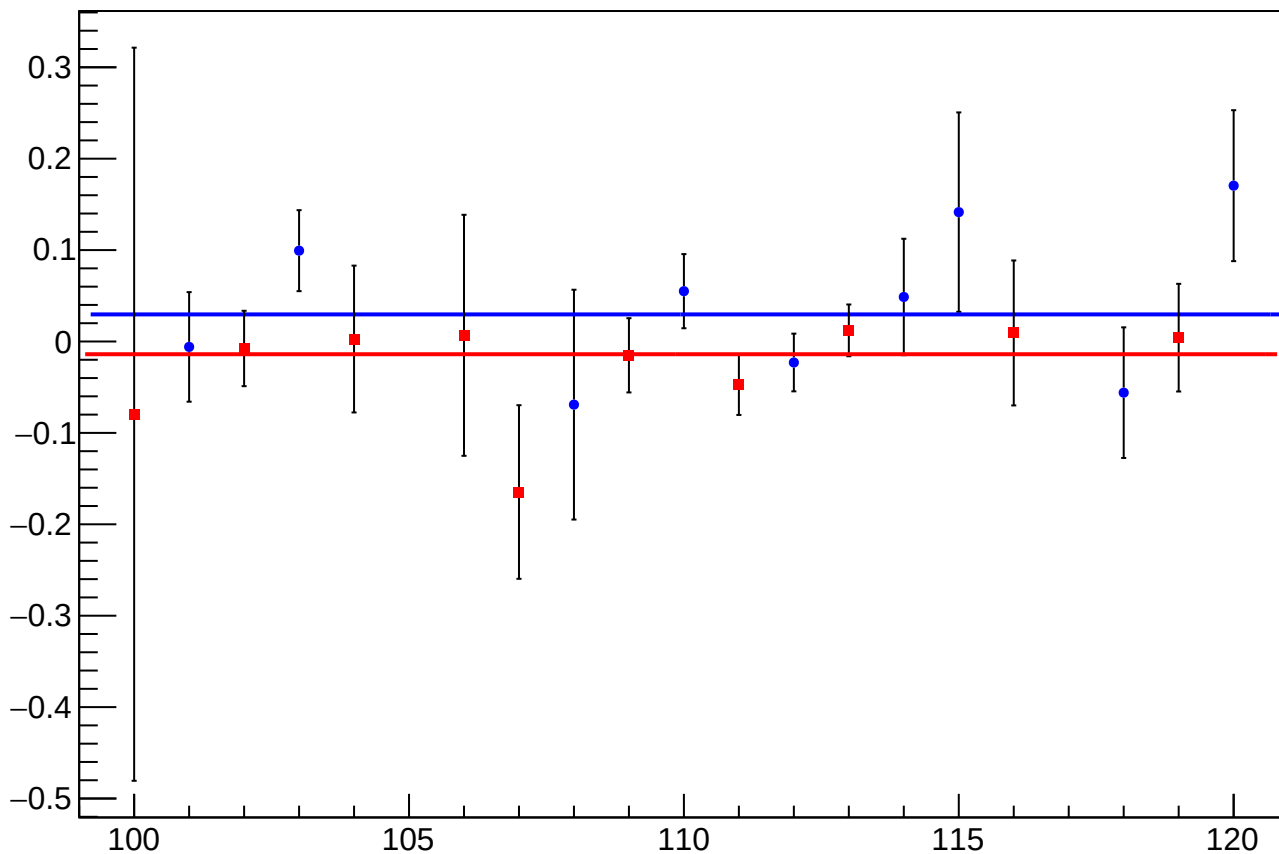
Right: 0.000+/-0.000 χ^2/NDF : 1076981.1/18

In: 0.000+/-0.000 χ^2/NDF :460753.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1076981.1/18

asym_sam_3748_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.030+/-0.018 χ^2/NDF : 12.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.016 χ^2/NDF : 4.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

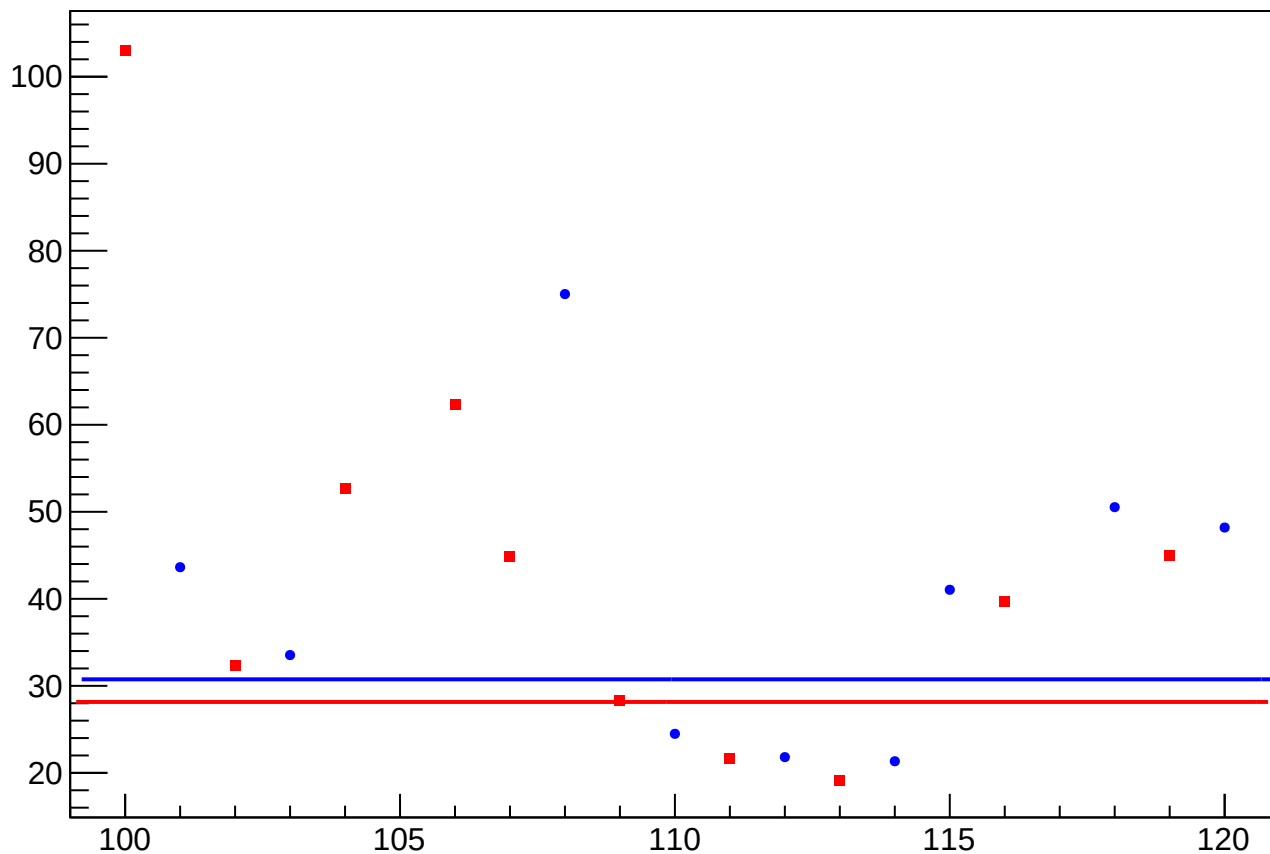
Right: 0.005+/-0.012 χ^2/NDF : 20.2/18

In: 0.030+/-0.018 χ^2/NDF : 12.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.012 χ^2/NDF : 20.2/18

asym_sam_3748_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.750+/-0.013 χ^2/NDF : 860712.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.151+/-0.011 χ^2/NDF : 960409.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

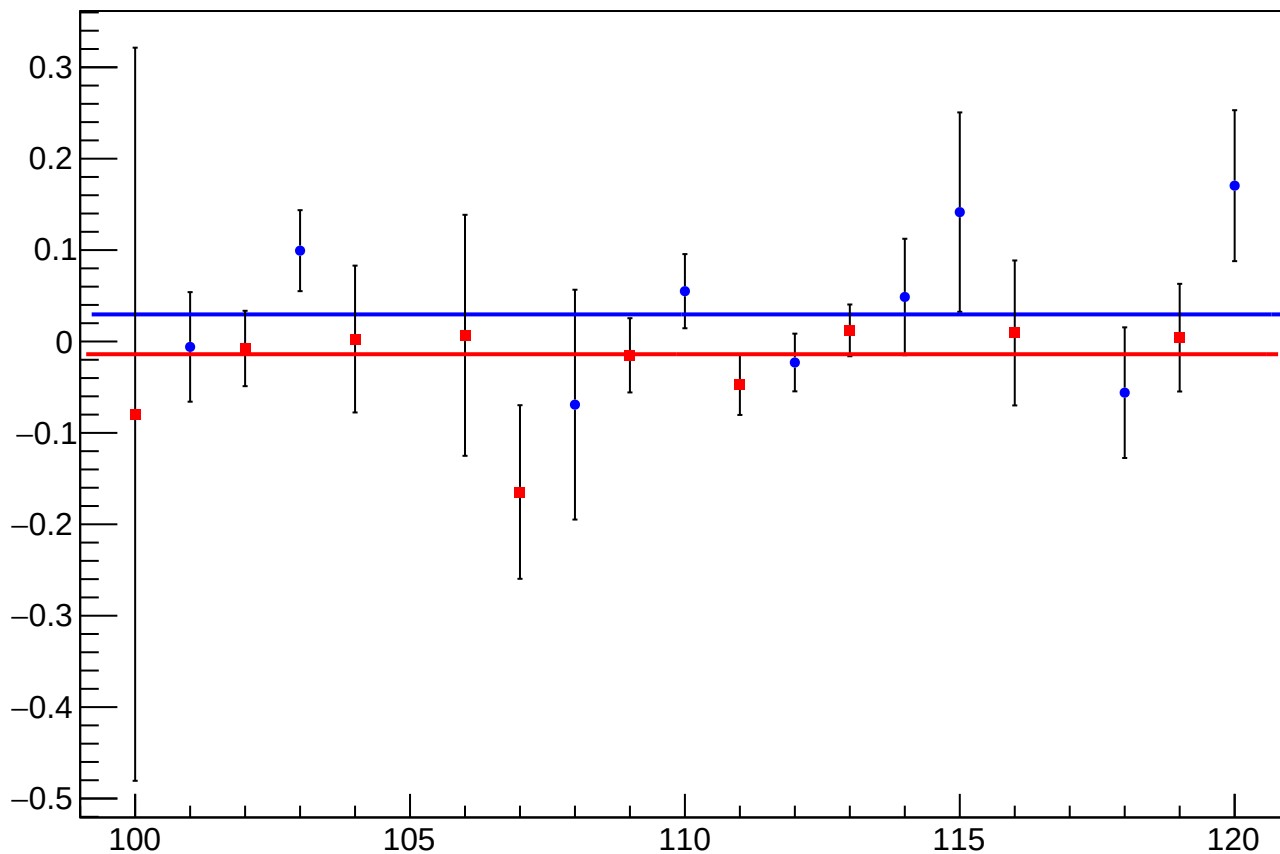
Right: 29.270+/-0.008 χ^2/NDF : 1845246.7/18

In: 30.750+/-0.013 χ^2/NDF : 860712.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.270+/-0.008 χ^2/NDF : 1845246.7/18

asym_sam_3748_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.030+/-0.018 χ^2/NDF : 12.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.016 χ^2/NDF : 4.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

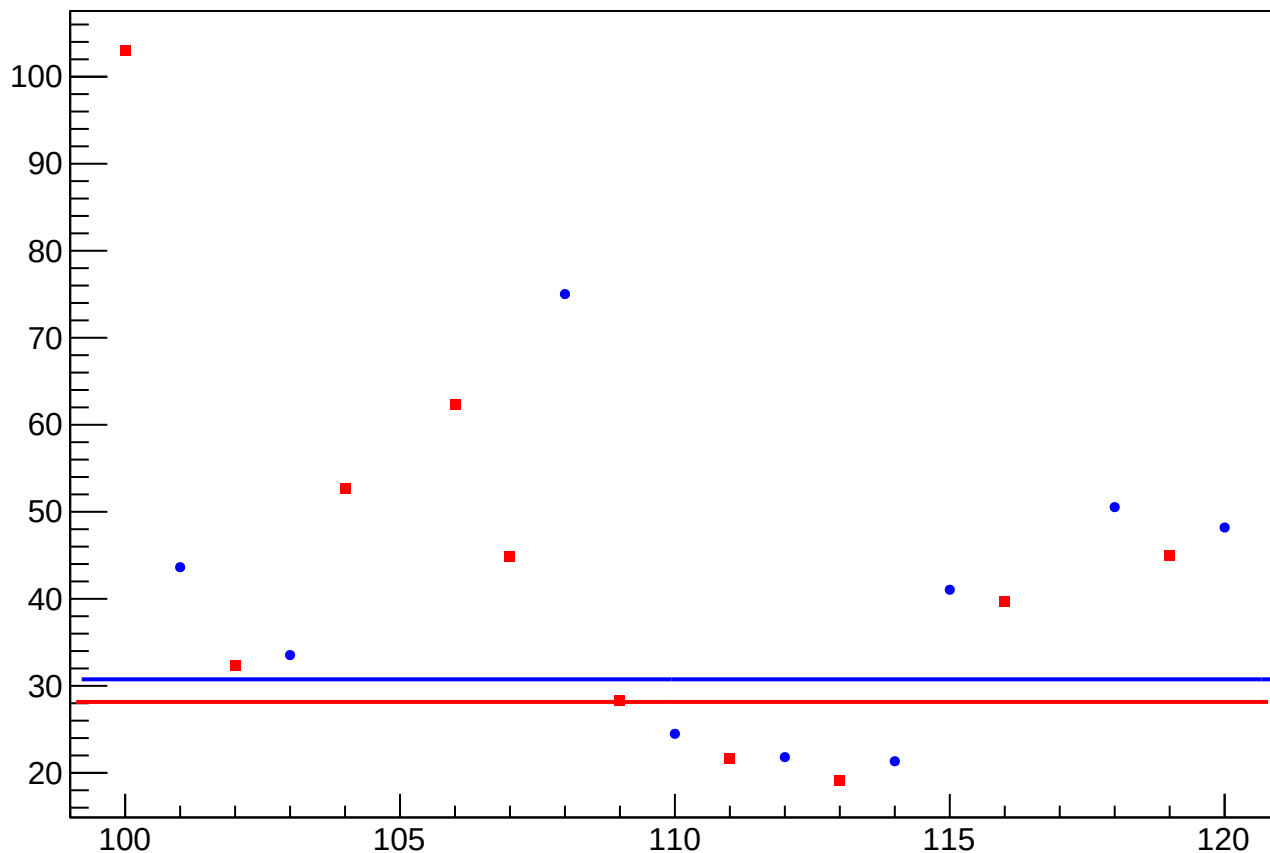
Right: 0.005+/-0.012 χ^2/NDF : 20.2/18

In: 0.030+/-0.018 χ^2/NDF : 12.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.012 χ^2/NDF : 20.2/18

asym_sam_3748_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.750+/-0.013 χ^2/NDF : 860712.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.151+/-0.011 χ^2/NDF : 960409.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

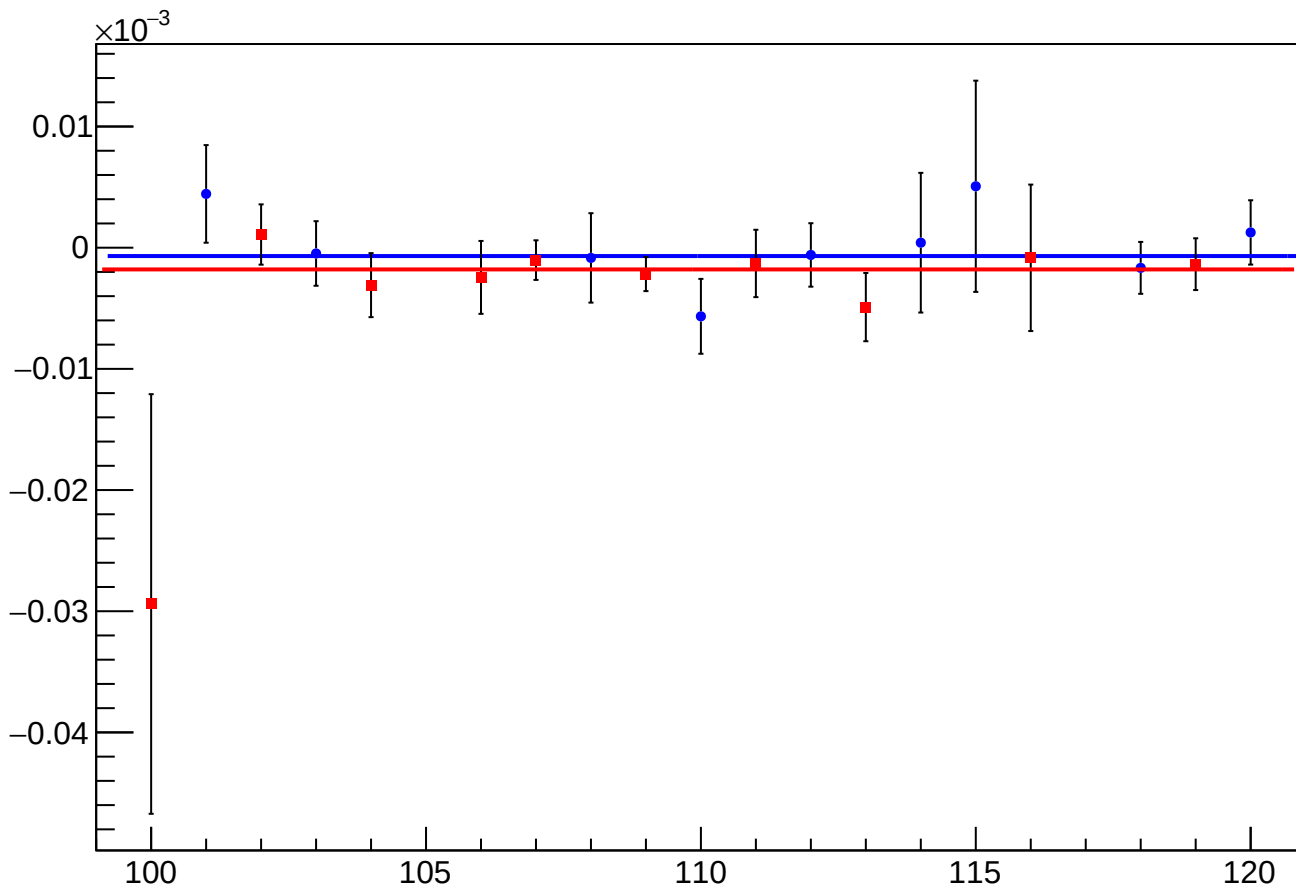
Right: 29.270+/-0.008 χ^2/NDF : 1845246.7/18

In: 30.750+/-0.013 χ^2/NDF : 860712.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.270+/-0.008 χ^2/NDF : 1845246.7/18

asym_sam_3748_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 5.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 5.8/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

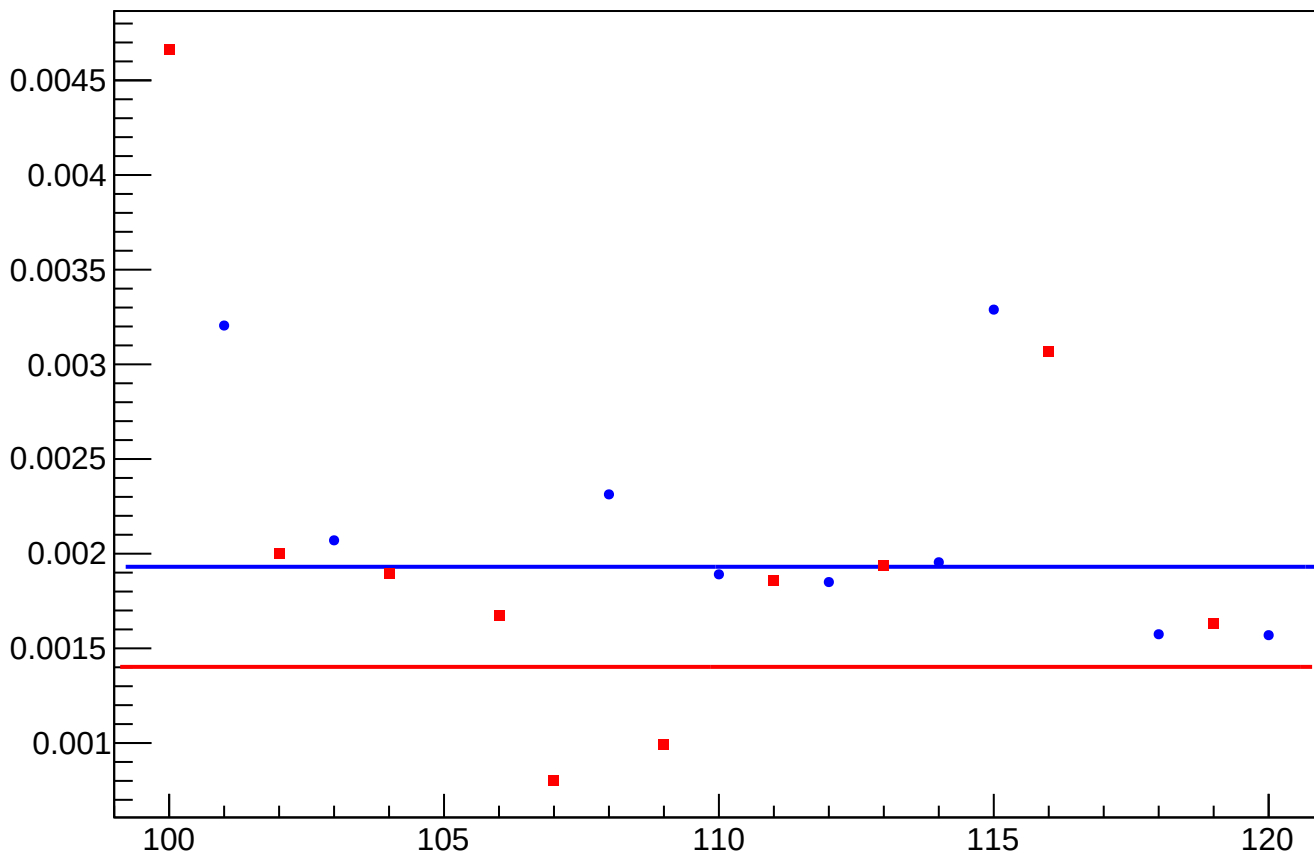
Right: -0.000+/-0.000 χ^2 /NDF: 12.0/18

In: -0.000+/-0.000 χ^2 /NDF:5.4/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 12.0/18

asym_sam_3748_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 370301.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1014326.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

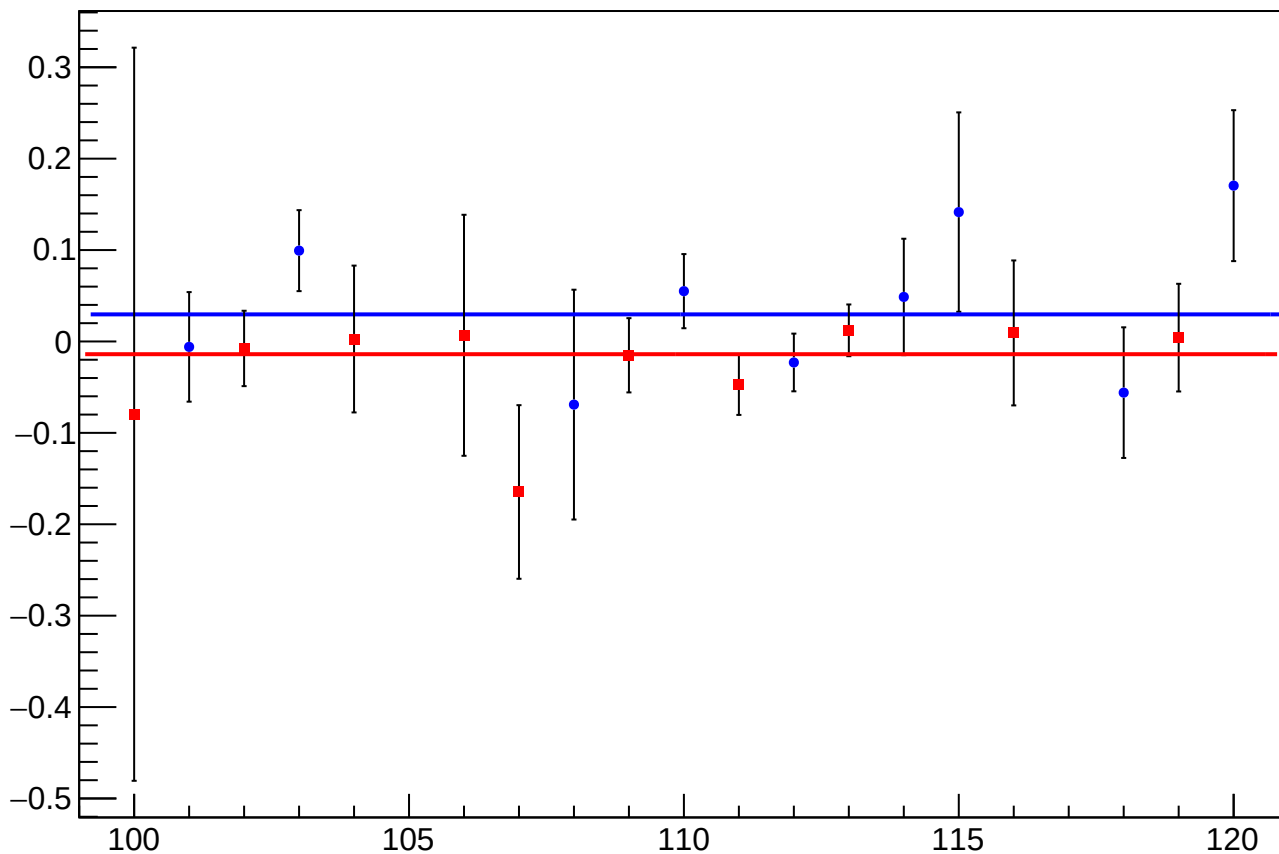
Right: 0.002+/-0.000 χ^2/NDF : 1727460.8/18

In: 0.002+/-0.000 χ^2/NDF : 370301.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1727460.8/18

asym_sam_3748_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.030+/-0.018 χ^2/NDF : 12.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.016 χ^2/NDF : 4.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

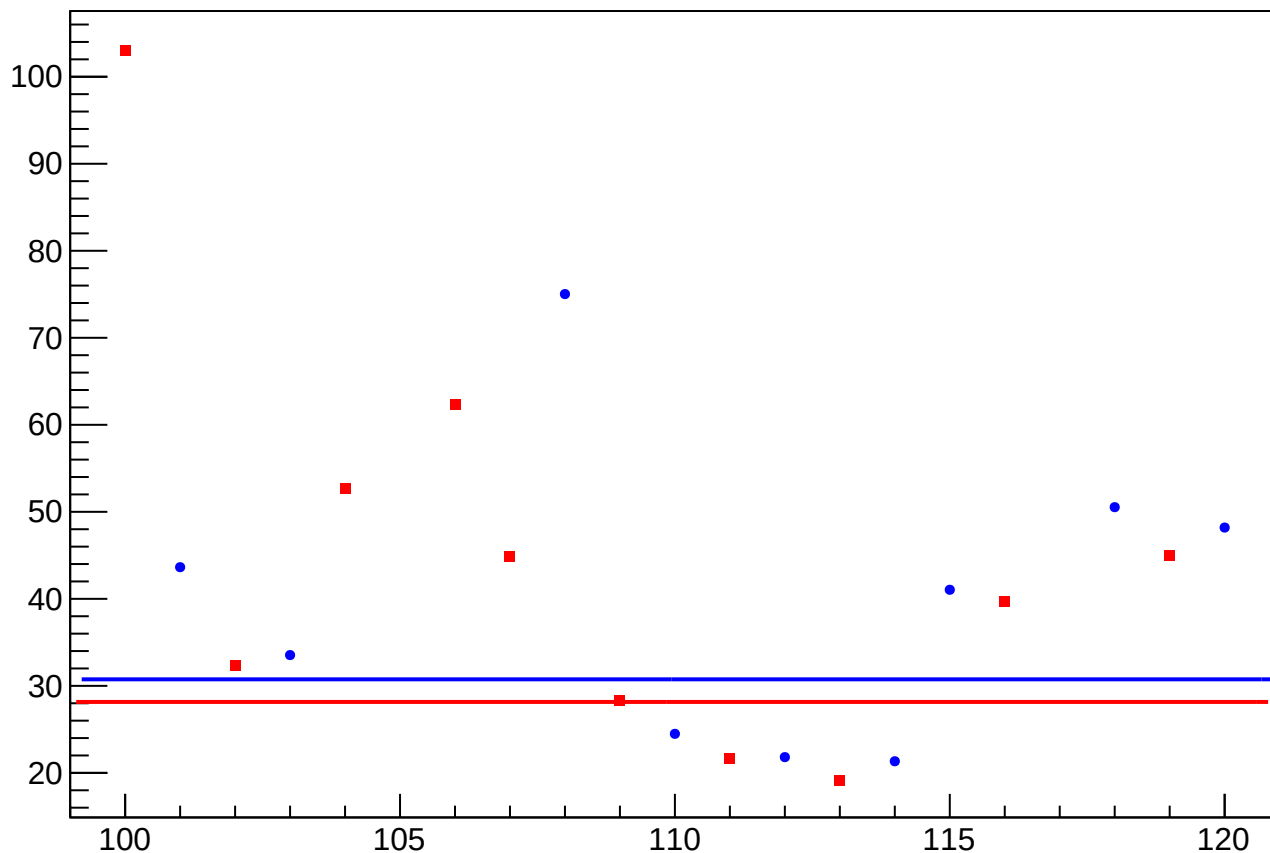
Right: 0.005+/-0.012 χ^2/NDF : 20.2/18

In: 0.030+/-0.018 χ^2/NDF : 12.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.012 χ^2/NDF : 20.2/18

asym_sam_3748_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.751+/-0.013 χ^2/NDF : 860706.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.152+/-0.011 χ^2/NDF : 960401.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

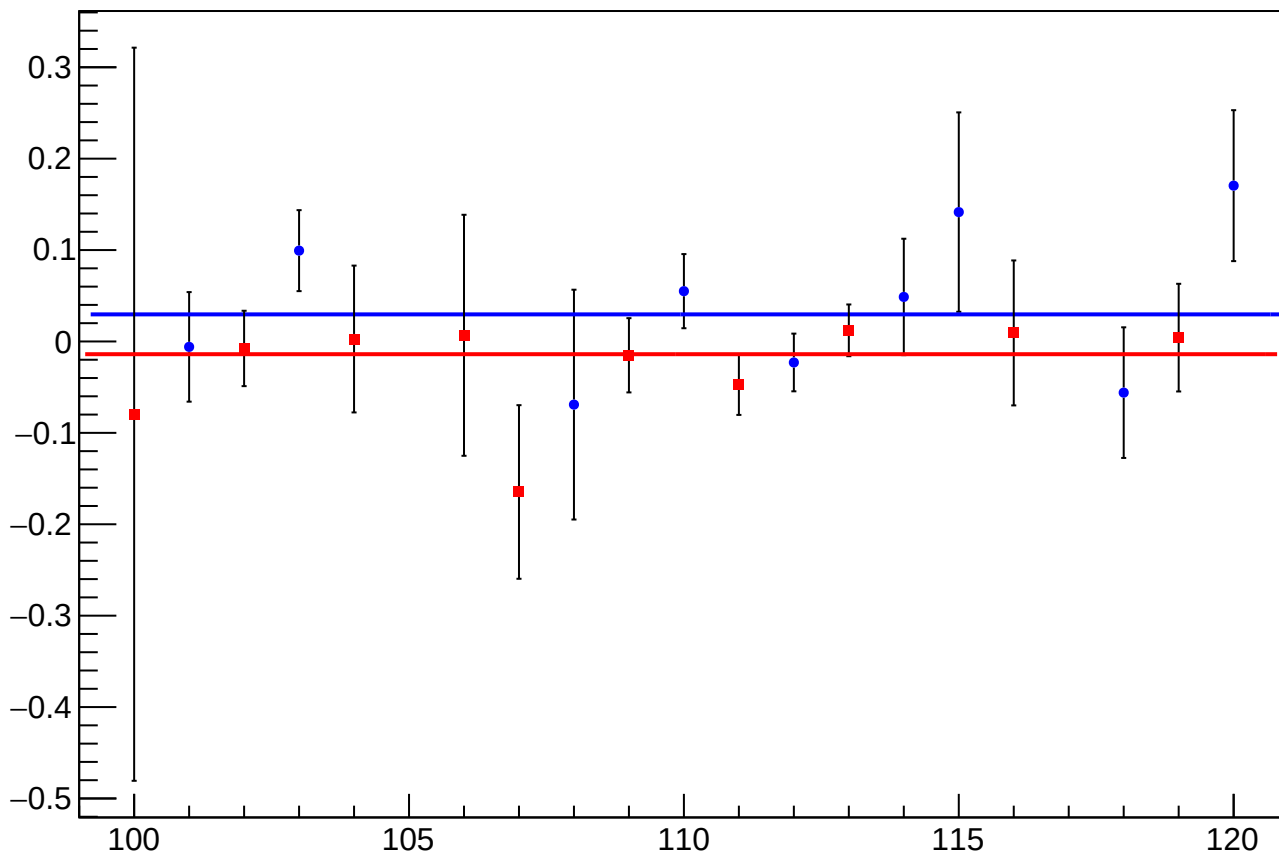
Right: 29.271+/-0.008 χ^2/NDF : 1845233.8/18

In: 30.751+/-0.013 χ^2/NDF : 860706.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.271+/-0.008 χ^2/NDF : 1845233.8/18

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.030+/-0.018 χ^2/NDF : 12.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.016 χ^2/NDF : 4.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

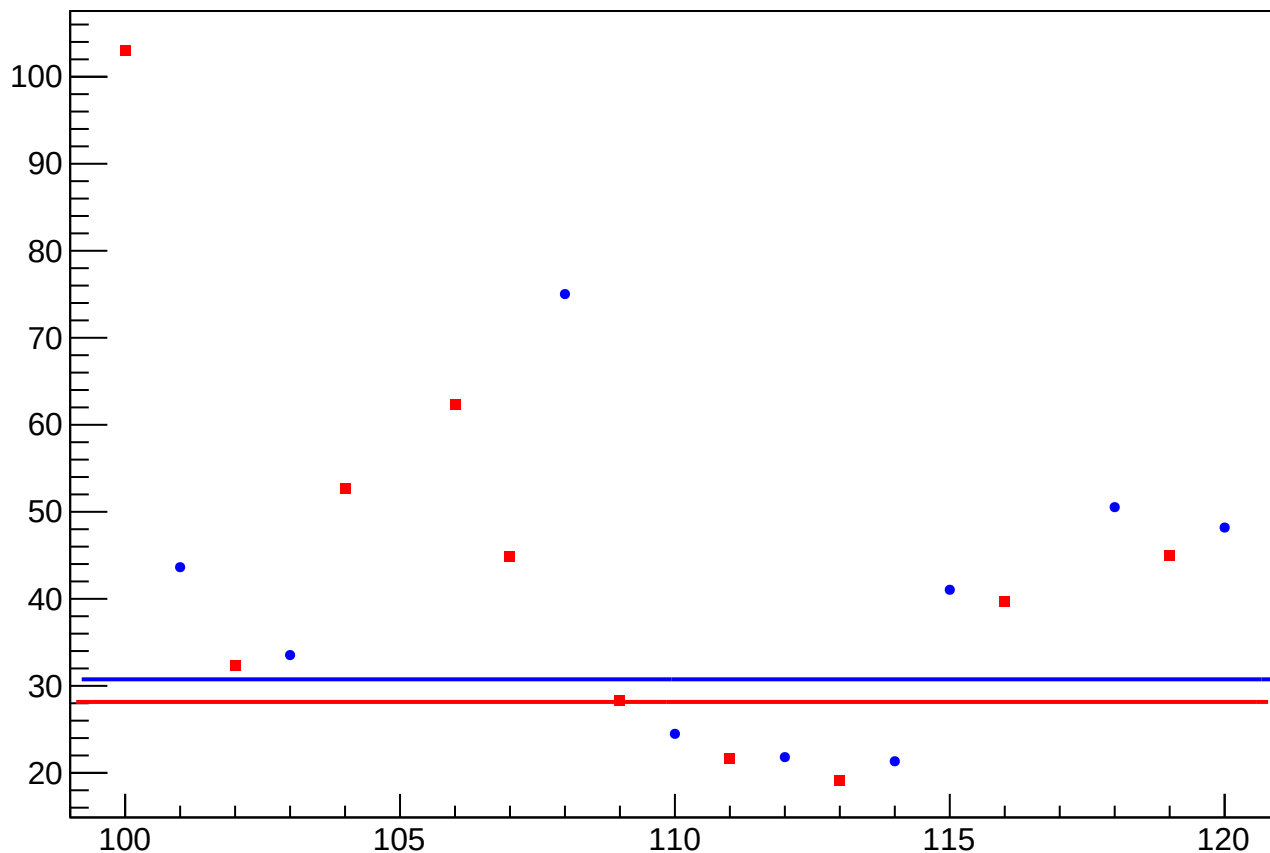
Right: 0.005+/-0.012 χ^2/NDF : 20.2/18

In: 0.030+/-0.018 χ^2/NDF : 12.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.012 χ^2/NDF : 20.2/18

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.751+/-0.013 χ^2/NDF : 860706.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.152+/-0.011 χ^2/NDF : 960401.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

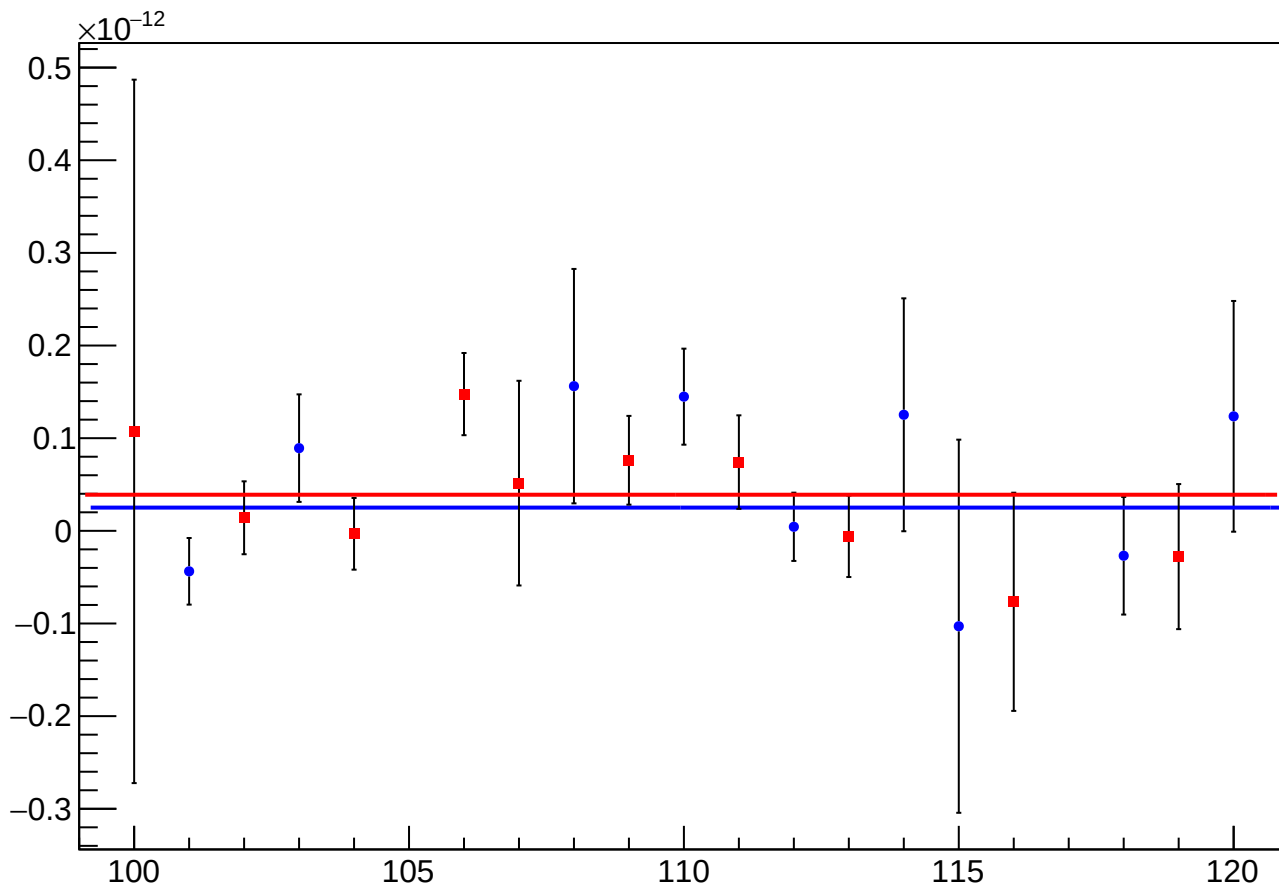
Right: 29.271+/-0.008 χ^2/NDF : 1845233.8/18

In: 30.751+/-0.013 χ^2/NDF : 860706.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.271+/-0.008 χ^2/NDF : 1845233.8/18

asym_sam_3748_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

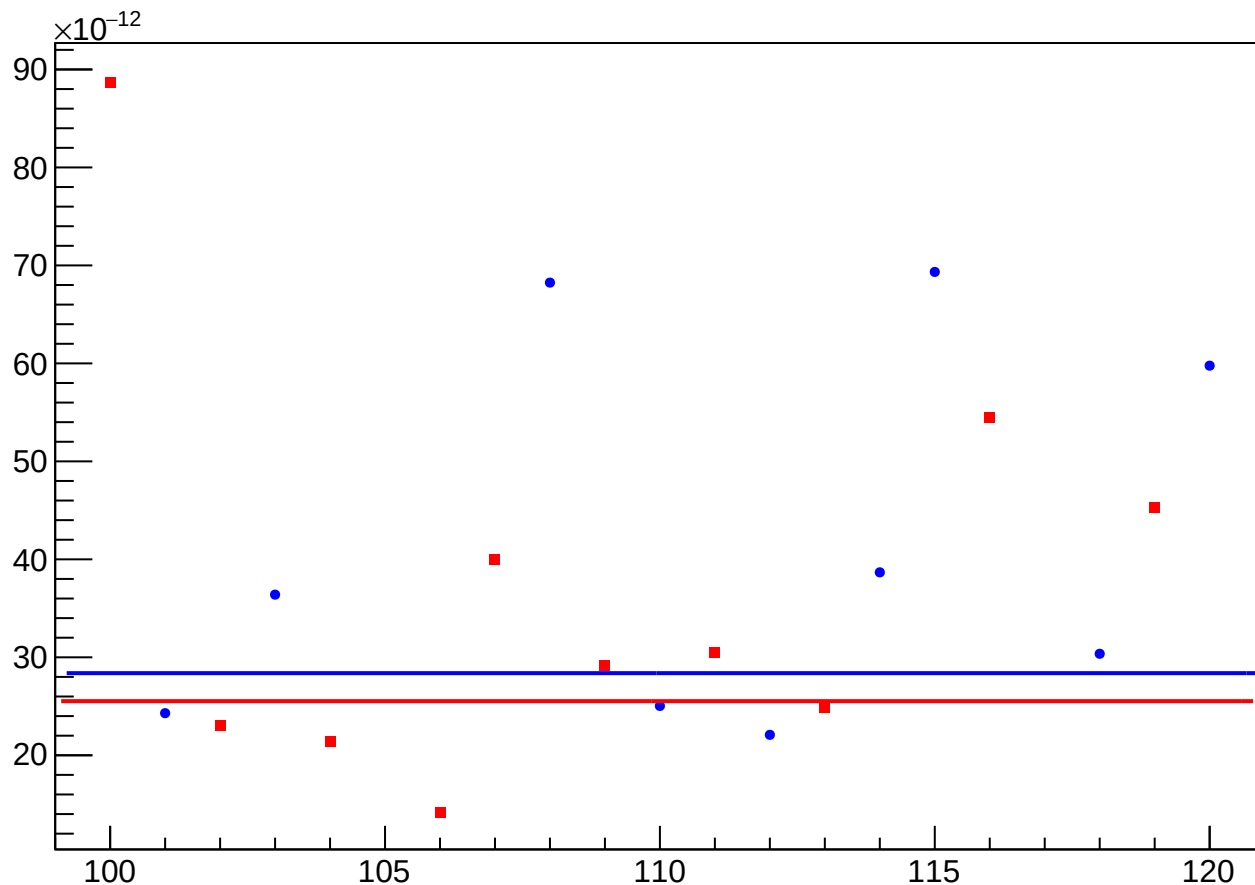
Right: 0.000+/-0.000 χ^2/NDF : 25.7/18

In: 0.000+/-0.000 χ^2/NDF : 13.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.7/18

asym_sam_3748_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 554341.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 531674.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

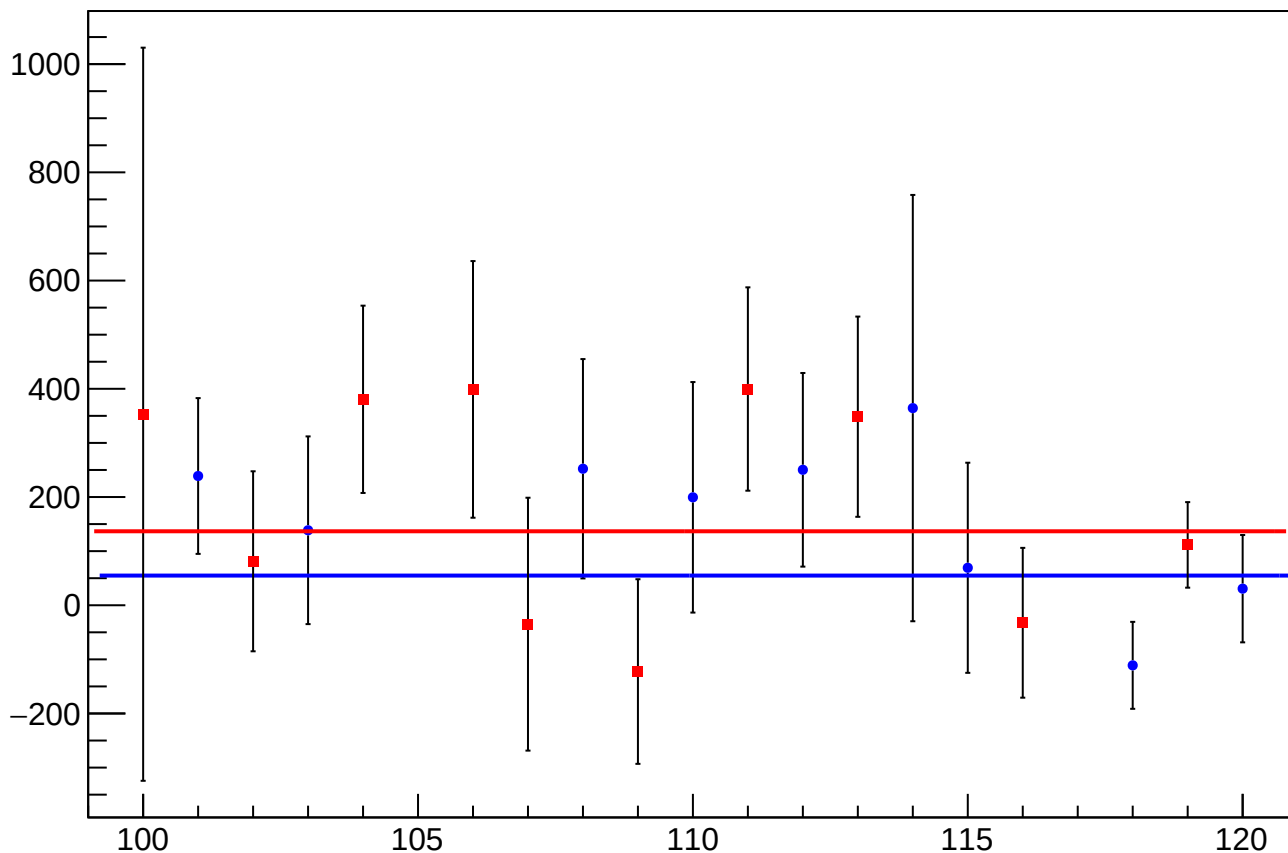
Right: 0.000+/-0.000 χ^2/NDF : 1110571.5/18

In: 0.000+/-0.000 χ^2/NDF : 554341.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1110571.5/18

reg_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 54.848 $\pm$ 47.214 χ^2 /NDF: 9.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 136.702 $\pm$ 49.270 χ^2 /NDF: 11.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

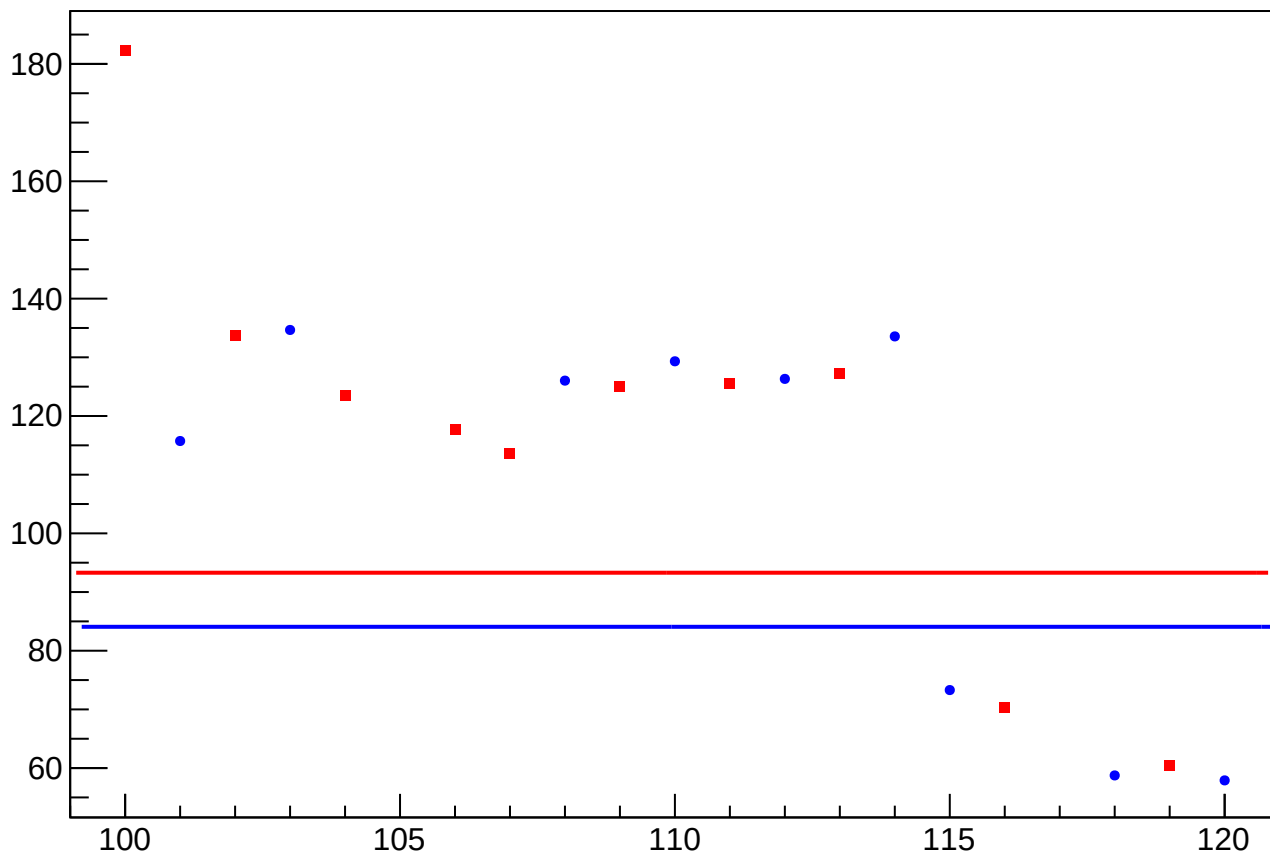
Right: 94.032 $\pm$ 34.089 χ^2 /NDF: 22.0/18

In: 54.848 $\pm$ 47.214 χ^2 /NDF:9.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 94.032 $\pm$ 34.089 χ^2 /NDF: 22.0/18

reg_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 84.077+/-0.033 χ^2/NDF : 930010.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.293+/-0.035 χ^2/NDF : 847151.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

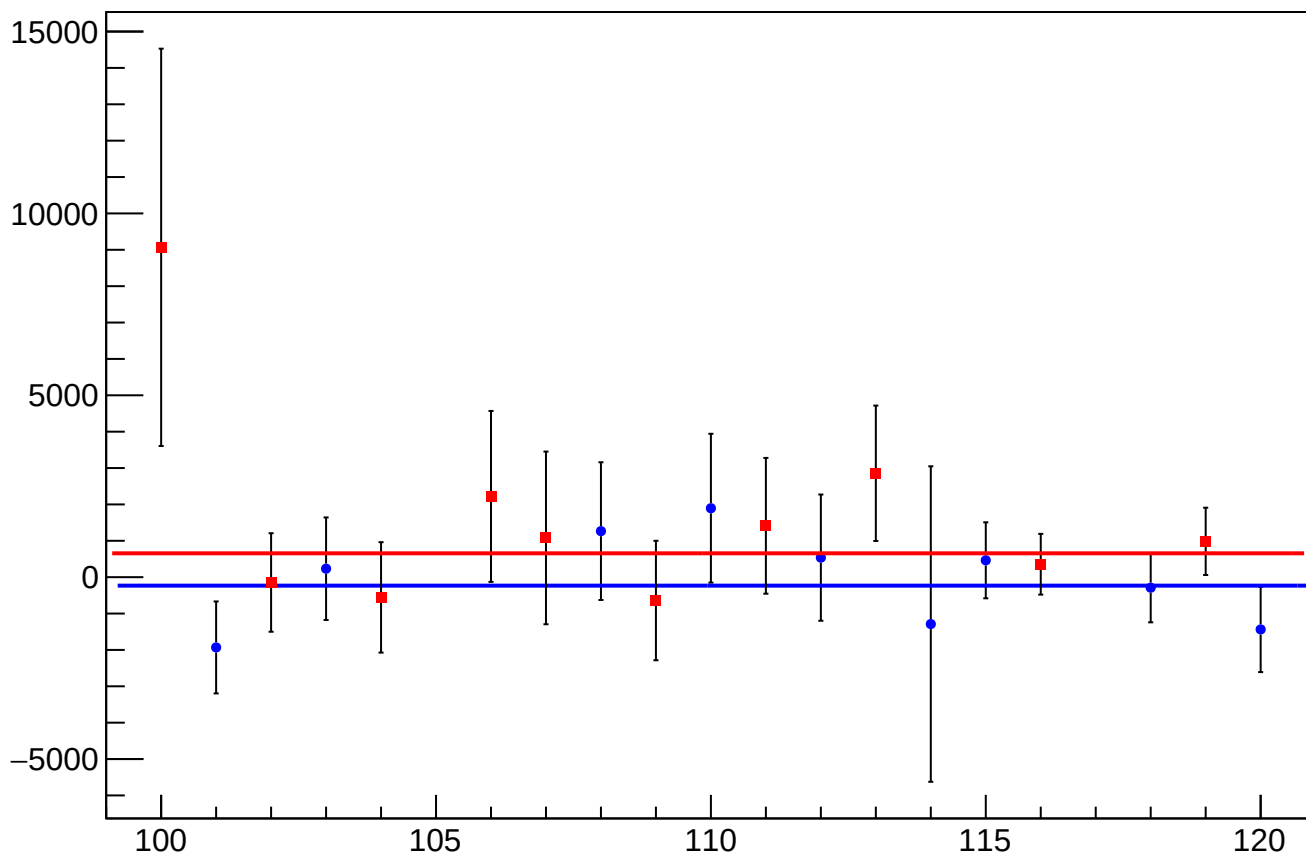
Right: 88.489+/-0.024 χ^2/NDF : 1813638.0/18

In: 84.077+/-0.033 χ^2/NDF : 930010.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.489+/-0.024 χ^2/NDF : 1813638.0/18

asym_sam_1526_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -232.975+/-457.447 χ^2/NDF : 5.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 656.075+/-450.781 χ^2/NDF : 6.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

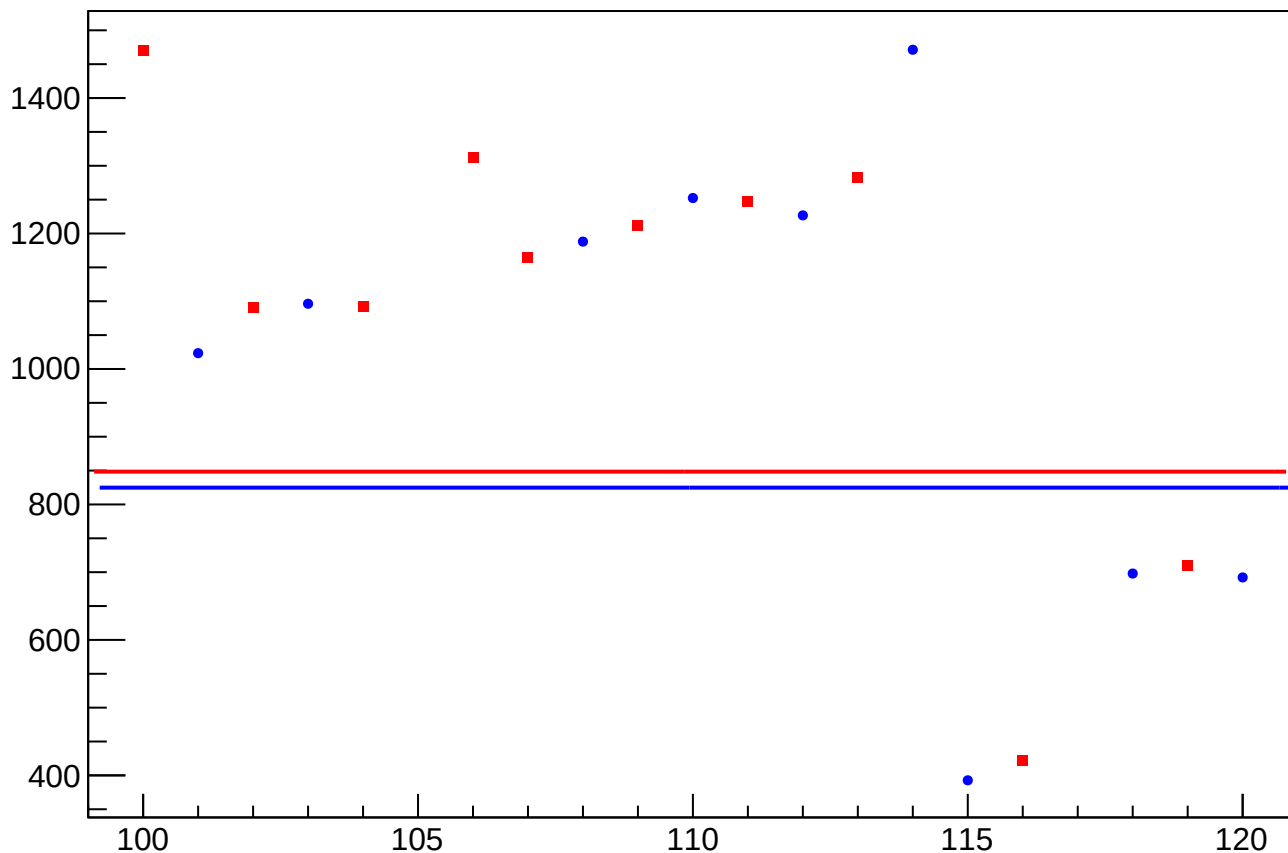
Right: 218.075+/-321.081 χ^2/NDF : 13.6/18

In: -232.975+/-457.447 χ^2/NDF :5.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 218.075+/-321.081 χ^2/NDF : 13.6/18

asym_sam_1526_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 824.799+/-0.323 χ^2/NDF : 839420.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 848.412+/-0.319 χ^2/NDF : 1120319.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

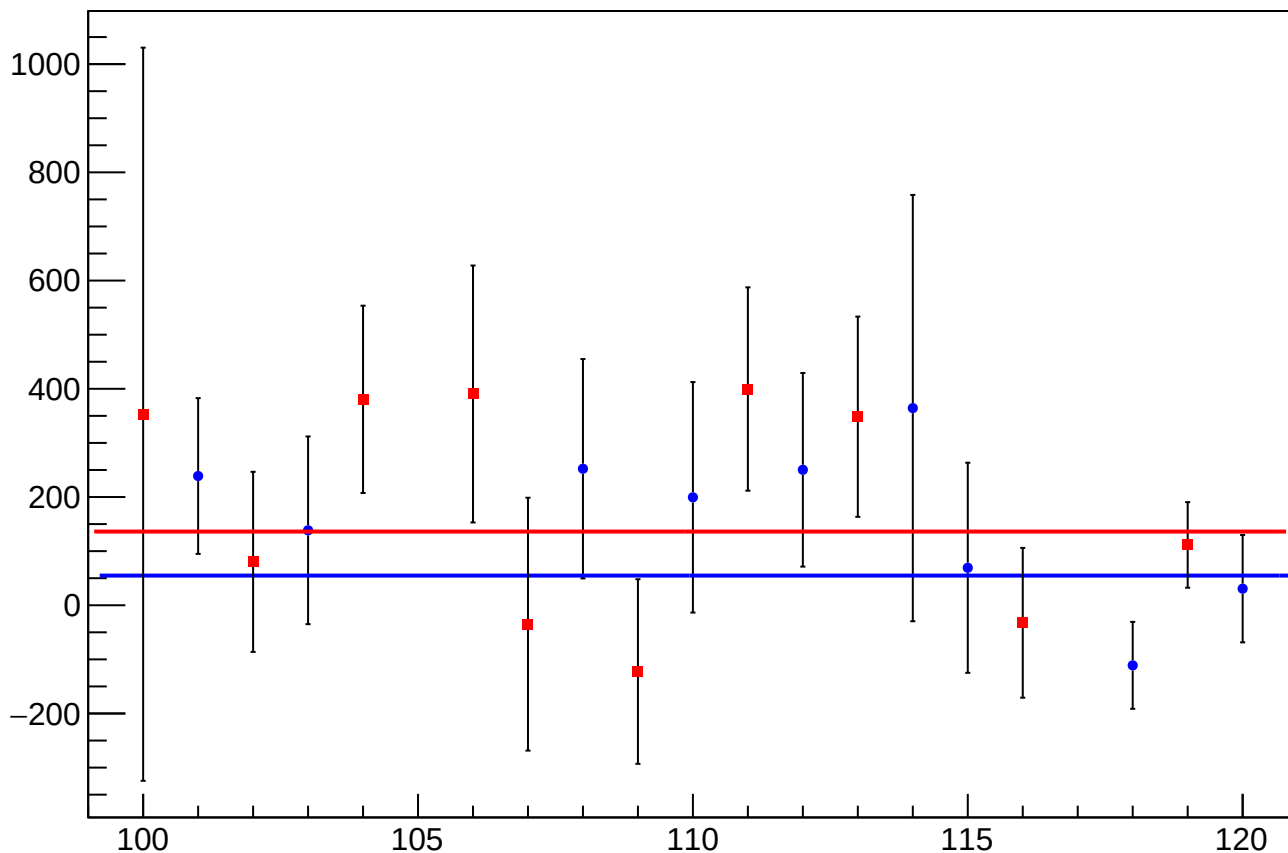
Right: 836.779+/-0.227 χ^2/NDF : 1962442.8/18

In: 824.799+/-0.323 χ^2/NDF : 839420.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 836.779+/-0.227 χ^2/NDF : 1962442.8/18

cor_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 54.846 $\pm$ 47.215 χ^2 /NDF: 9.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 136.210 $\pm$ 49.275 χ^2 /NDF: 11.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

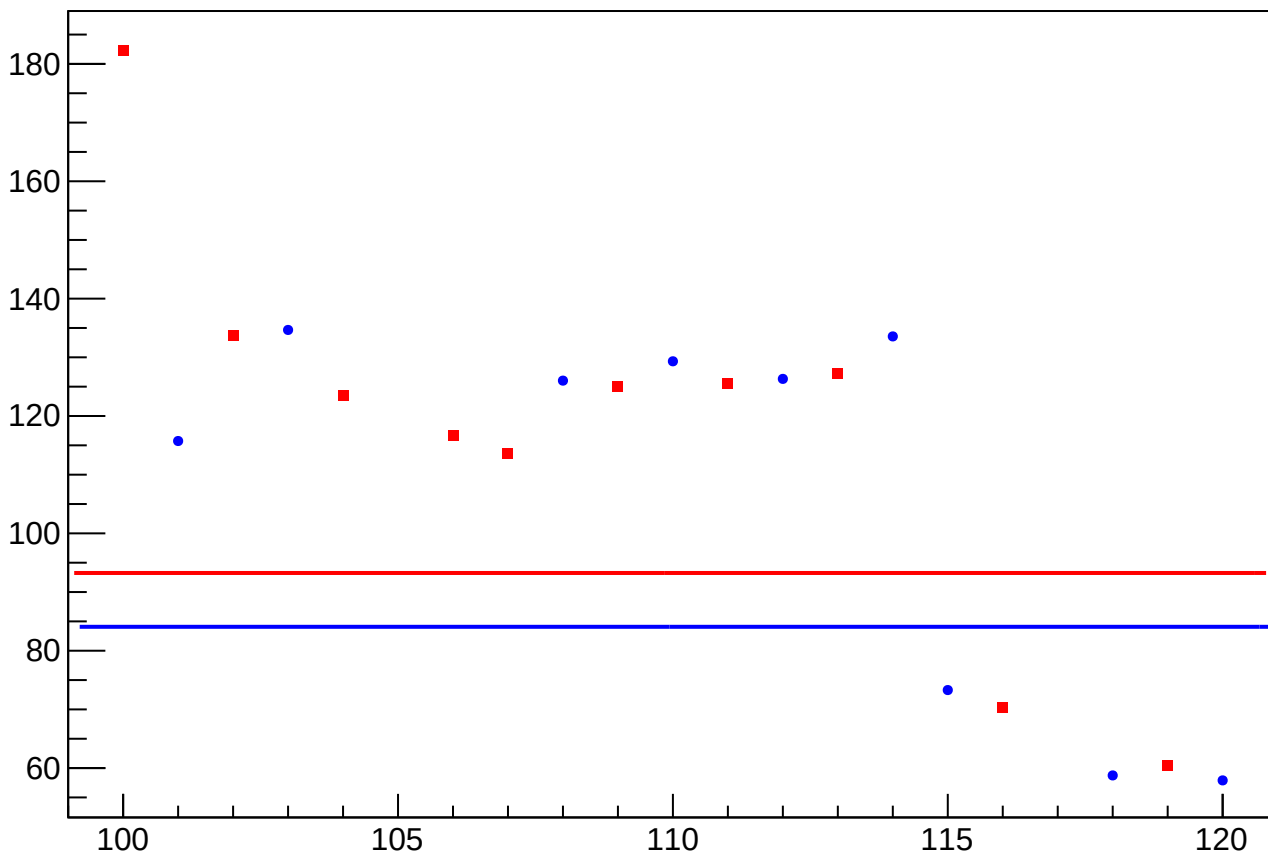
Right: 93.791 $\pm$ 34.091 χ^2 /NDF: 21.9/18

In: 54.846 $\pm$ 47.215 χ^2 /NDF:9.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 93.791 $\pm$ 34.091 χ^2 /NDF: 21.9/18

cor_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 84.077+/-0.033 χ^2/NDF : 930013.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.249+/-0.035 χ^2/NDF : 845675.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

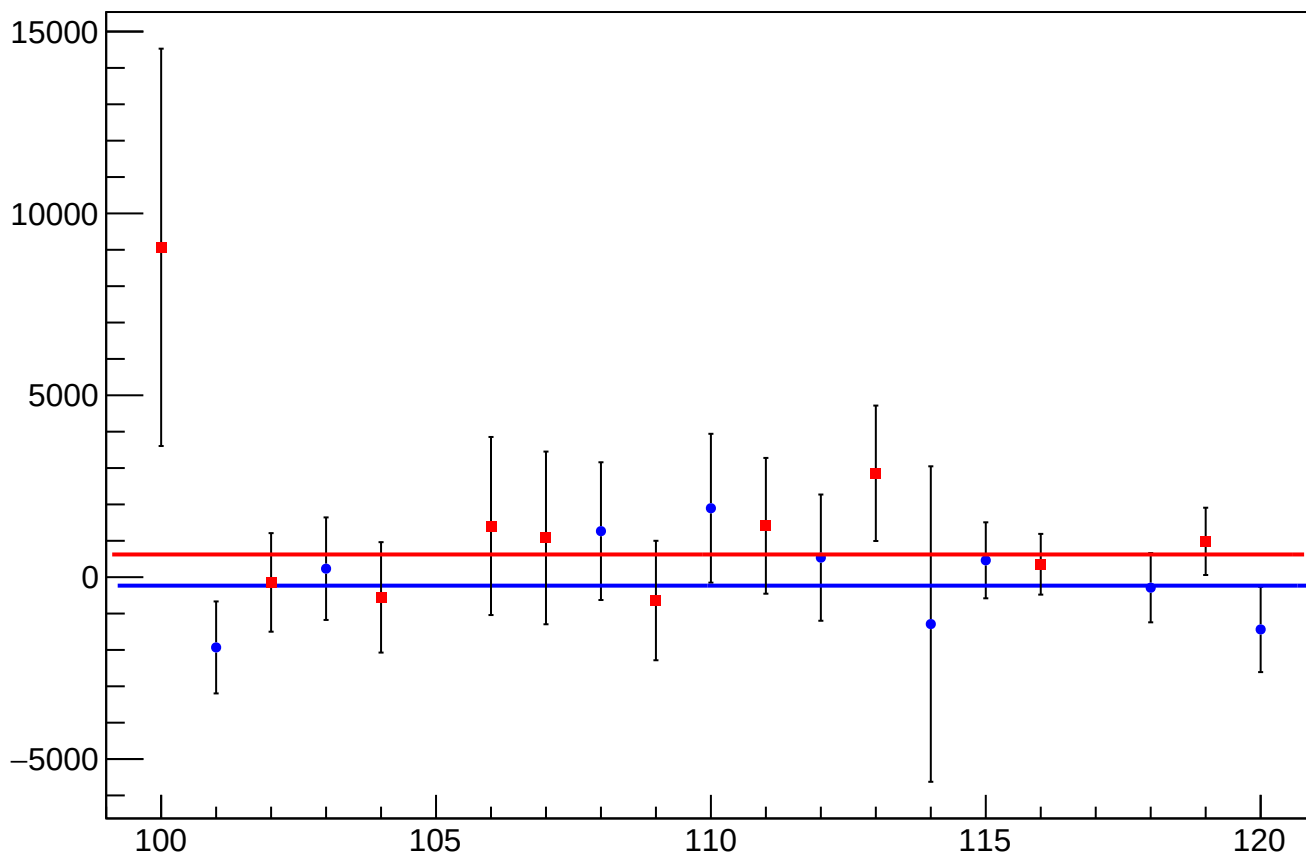
Right: 88.467+/-0.024 χ^2/NDF : 1811815.9/18

In: 84.077+/-0.033 χ^2/NDF : 930013.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.467+/-0.024 χ^2/NDF : 1811815.9/18

asym_sam_1526_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -232.899+/-457.449 χ^2/NDF : 5.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 624.248+/-451.470 χ^2/NDF : 5.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

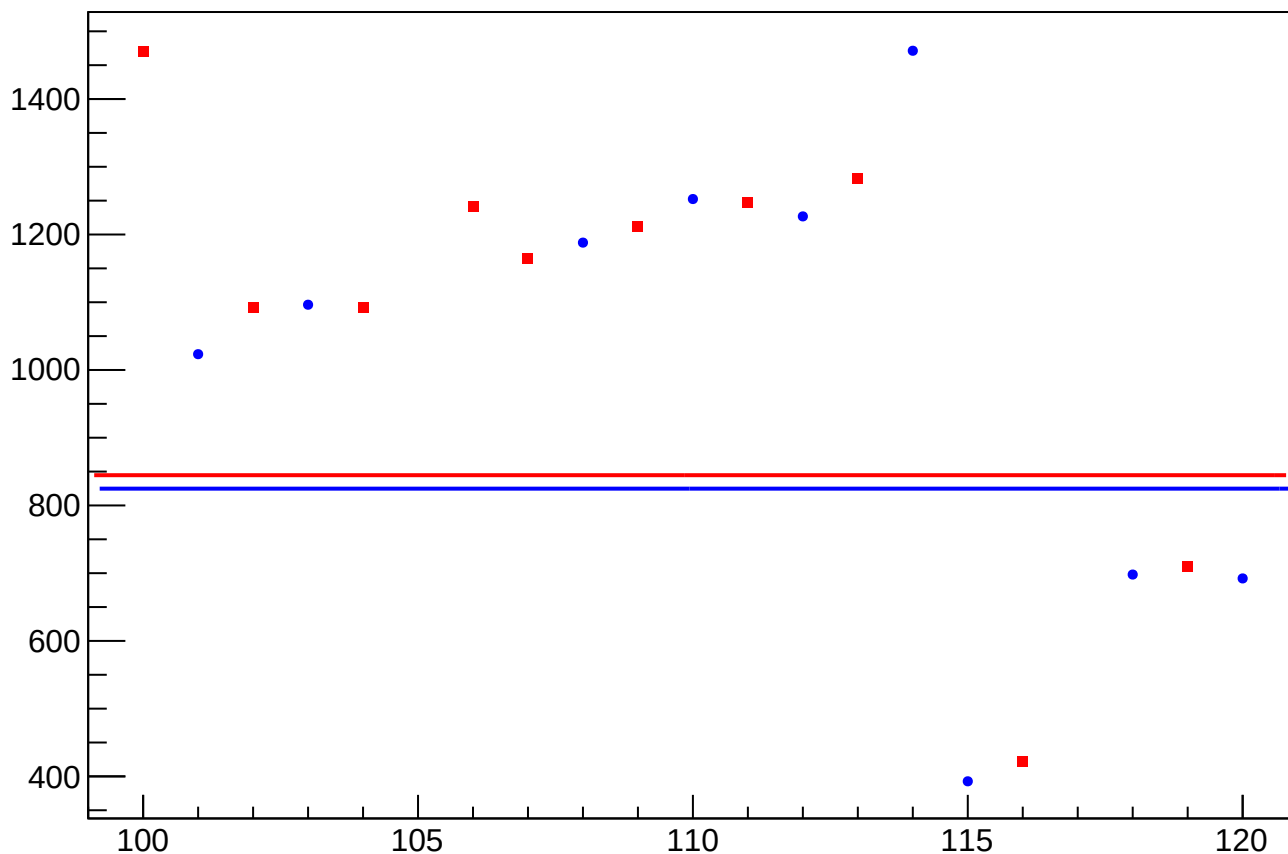
Right: 201.313+/-321.331 χ^2/NDF : 13.1/18

In: -232.899+/-457.449 χ^2/NDF : 5.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 201.313+/-321.331 χ^2/NDF : 13.1/18

asym_sam_1526_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 824.801 $\pm$ 0.323 χ^2 /NDF: 839453.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 844.663 $\pm$ 0.319 χ^2 /NDF: 1093765.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

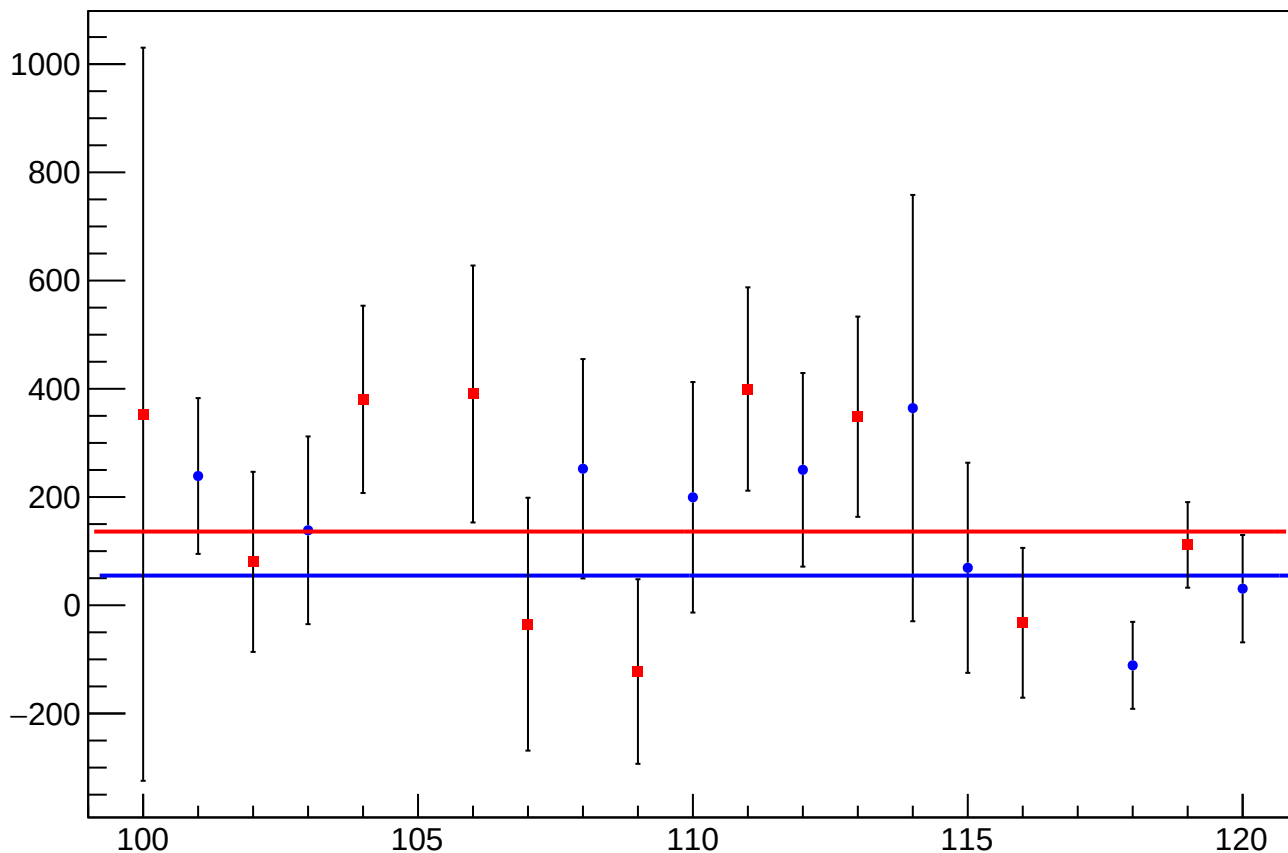
Right: 834.862 $\pm$ 0.227 χ^2 /NDF: 1935129.0/18

In: 824.801 $\pm$ 0.323 χ^2 /NDF: 839453.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 834.862 $\pm$ 0.227 χ^2 /NDF: 1935129.0/18

eigen_cor_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 54.846+/-47.215 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.210+/-49.275 χ^2/NDF : 11.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

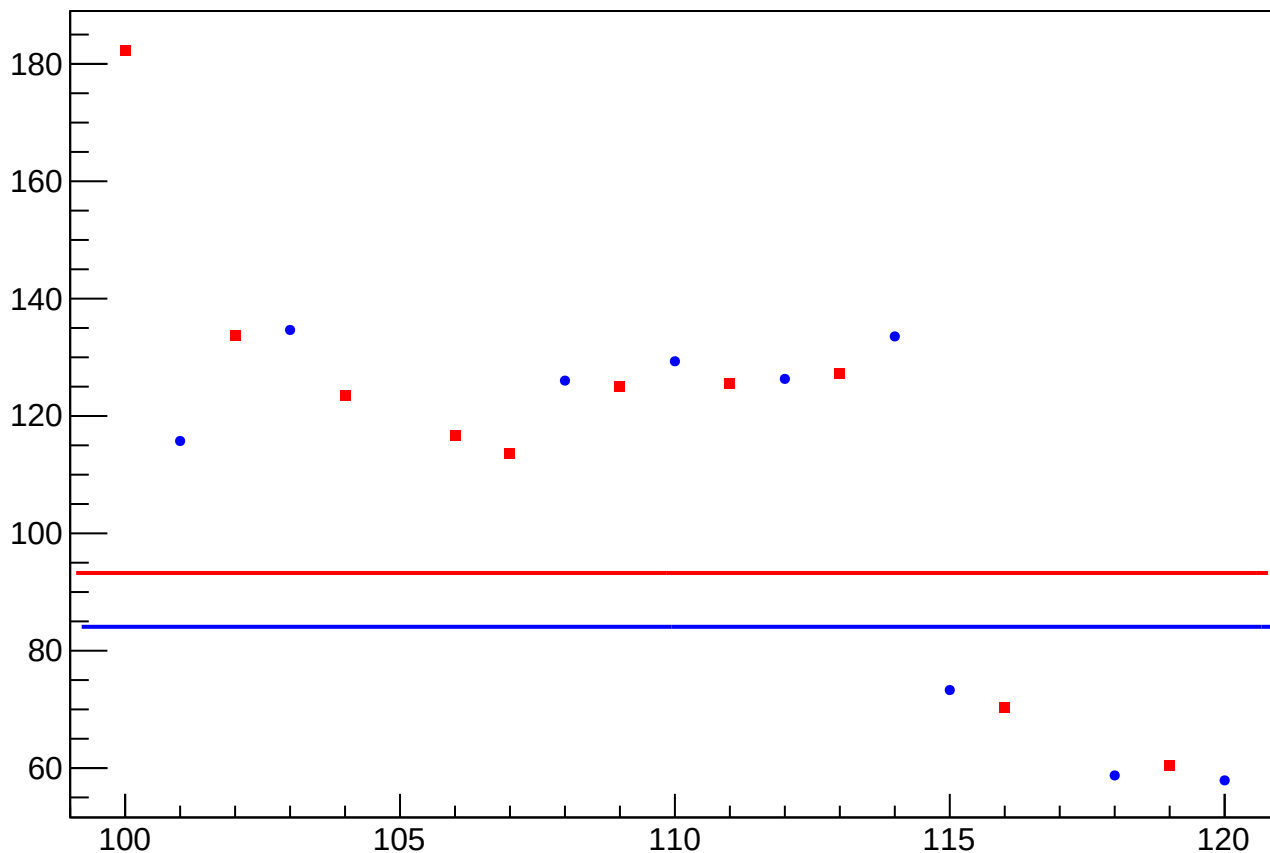
Right: 93.791+/-34.091 χ^2/NDF : 21.9/18

In: 54.846+/-47.215 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.791+/-34.091 χ^2/NDF : 21.9/18

eigen_cor_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 84.077+/-0.033 χ^2/NDF : 930013.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.249+/-0.035 χ^2/NDF : 845675.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

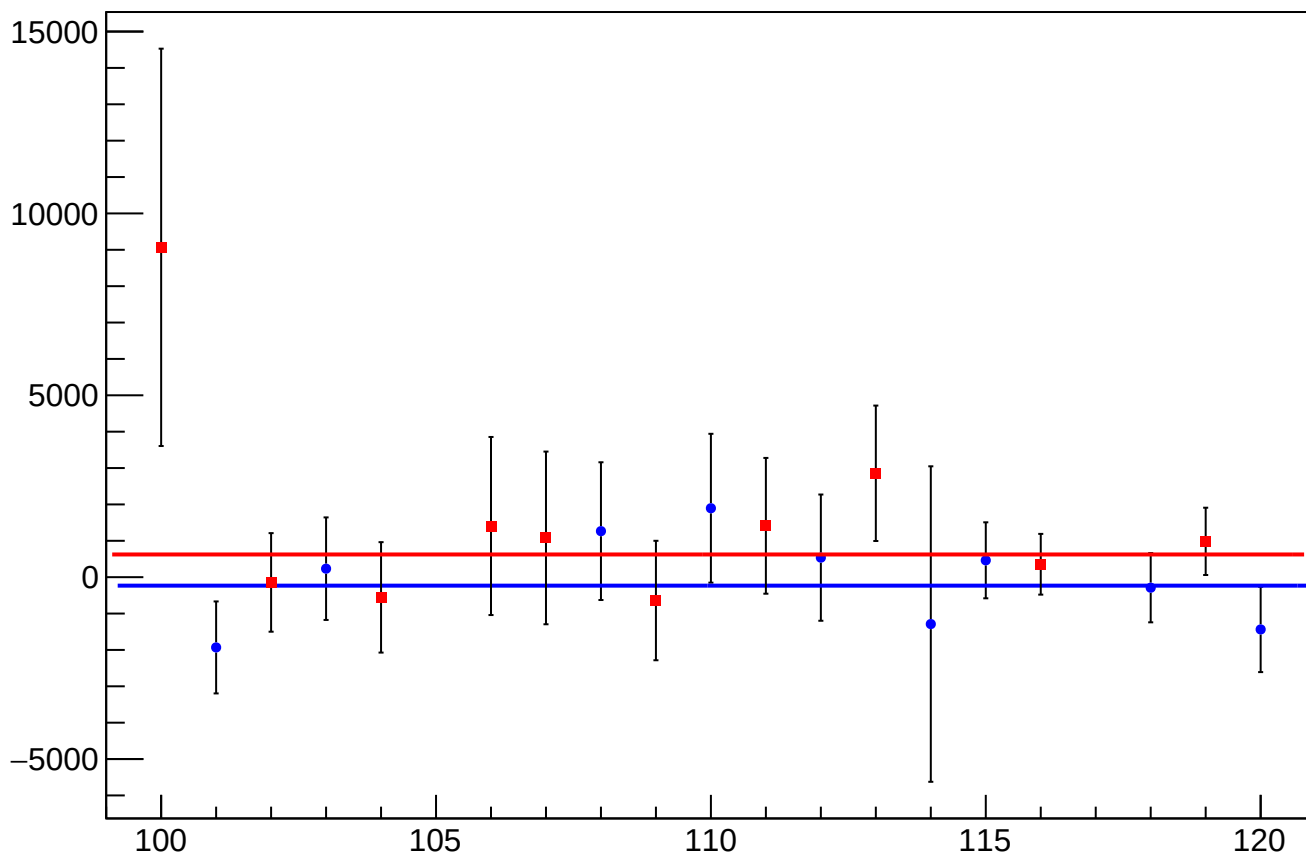
Right: 88.467+/-0.024 χ^2/NDF : 1811815.9/18

In: 84.077+/-0.033 χ^2/NDF : 930013.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.467+/-0.024 χ^2/NDF : 1811815.9/18

asym_sam_1526_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -232.899+/-457.449 χ^2/NDF : 5.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 624.248+/-451.470 χ^2/NDF : 5.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

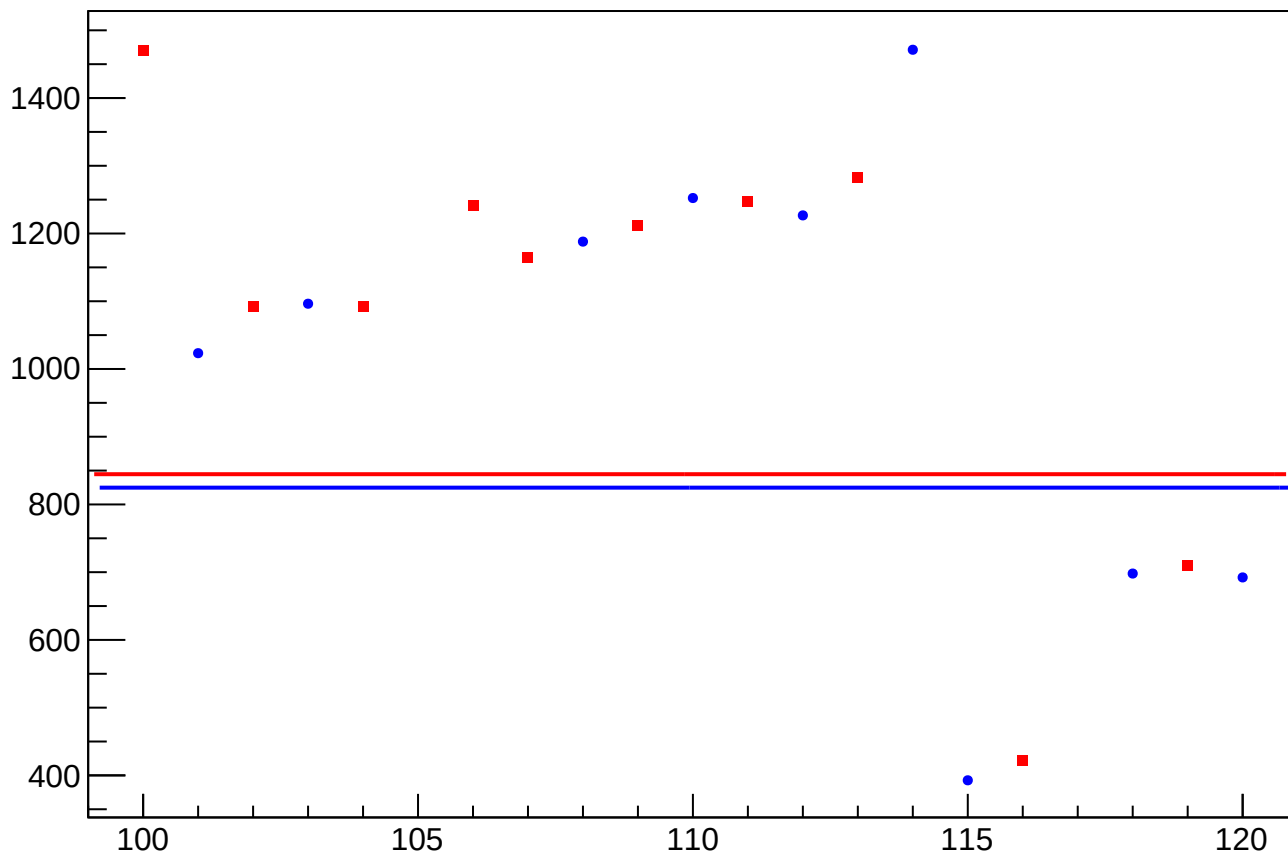
Right: 201.313+/-321.331 χ^2/NDF : 13.1/18

In: -232.899+/-457.449 χ^2/NDF : 5.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 201.313+/-321.331 χ^2/NDF : 13.1/18

asym_sam_1526_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 824.801+/-0.323 χ^2/NDF : 839453.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 844.663+/-0.319 χ^2/NDF : 1093765.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

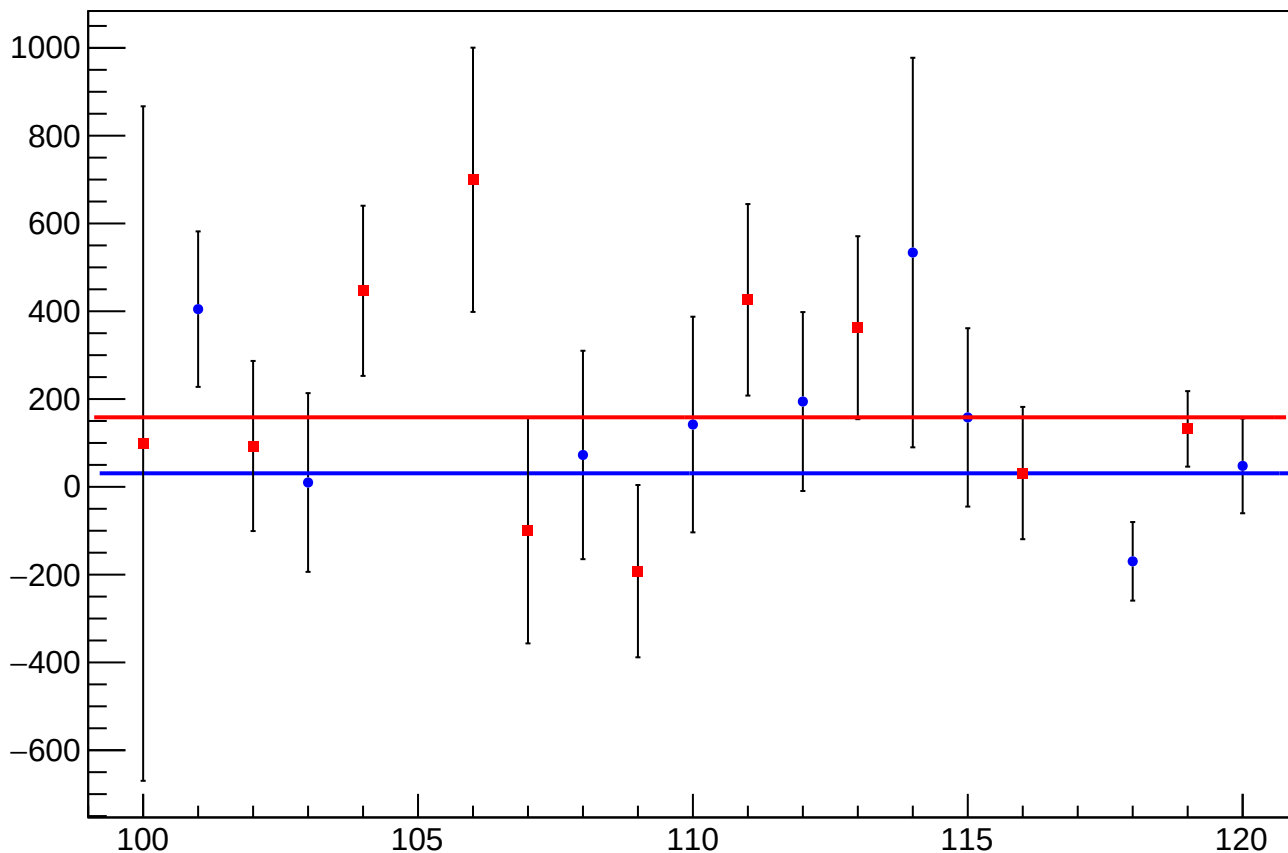
Right: 834.862+/-0.227 χ^2/NDF : 1935129.0/18

In: 824.801+/-0.323 χ^2/NDF : 839453.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 834.862+/-0.227 χ^2/NDF : 1935129.0/18

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 30.856+/-53.130 χ^2/NDF : 12.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.426+/-55.027 χ^2/NDF : 13.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

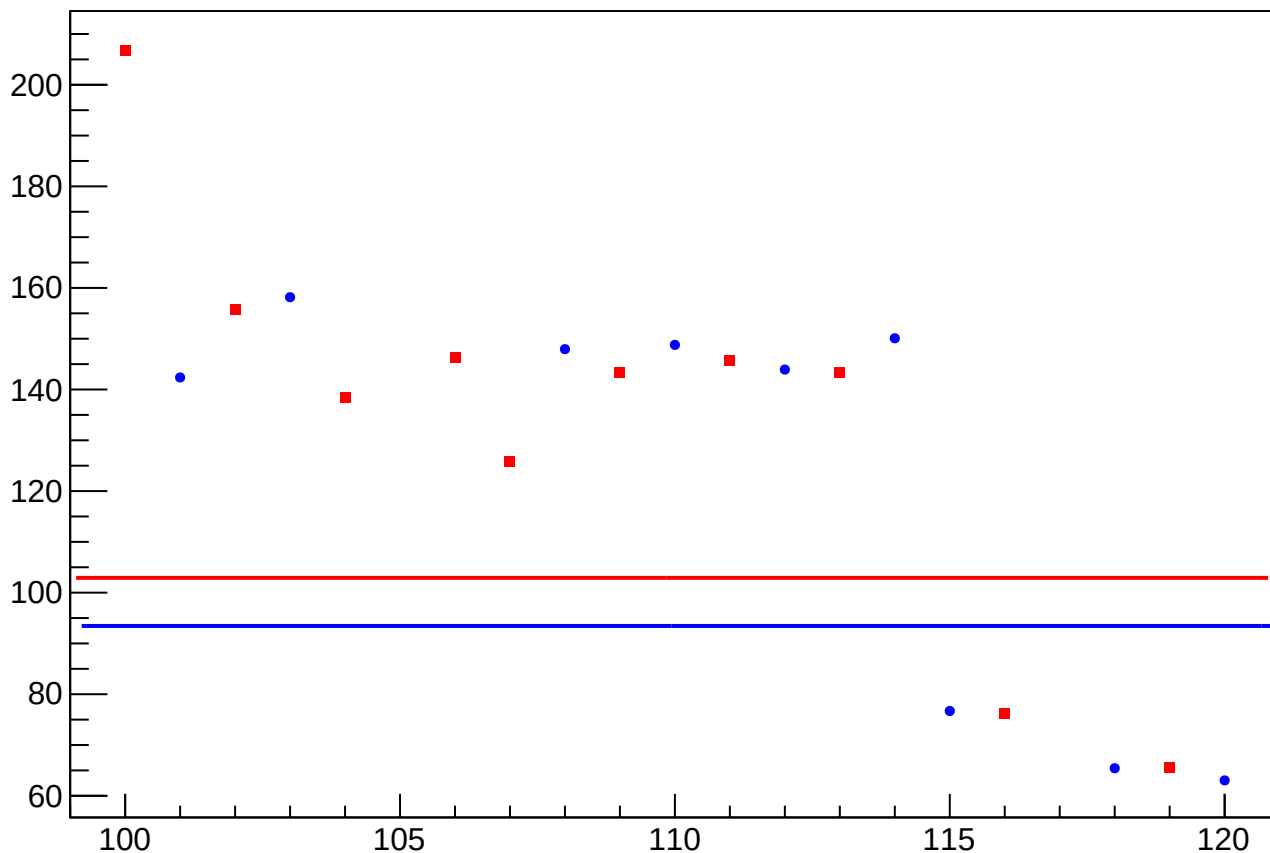
Right: 92.403+/-38.222 χ^2/NDF : 27.9/18

In: 30.856+/-53.130 χ^2/NDF : 12.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.403+/-38.222 χ^2/NDF : 27.9/18

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 93.442 $\pm$ 0.038 χ^2 /NDF: 1085260.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 102.911 $\pm$ 0.039 χ^2 /NDF: 986904.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

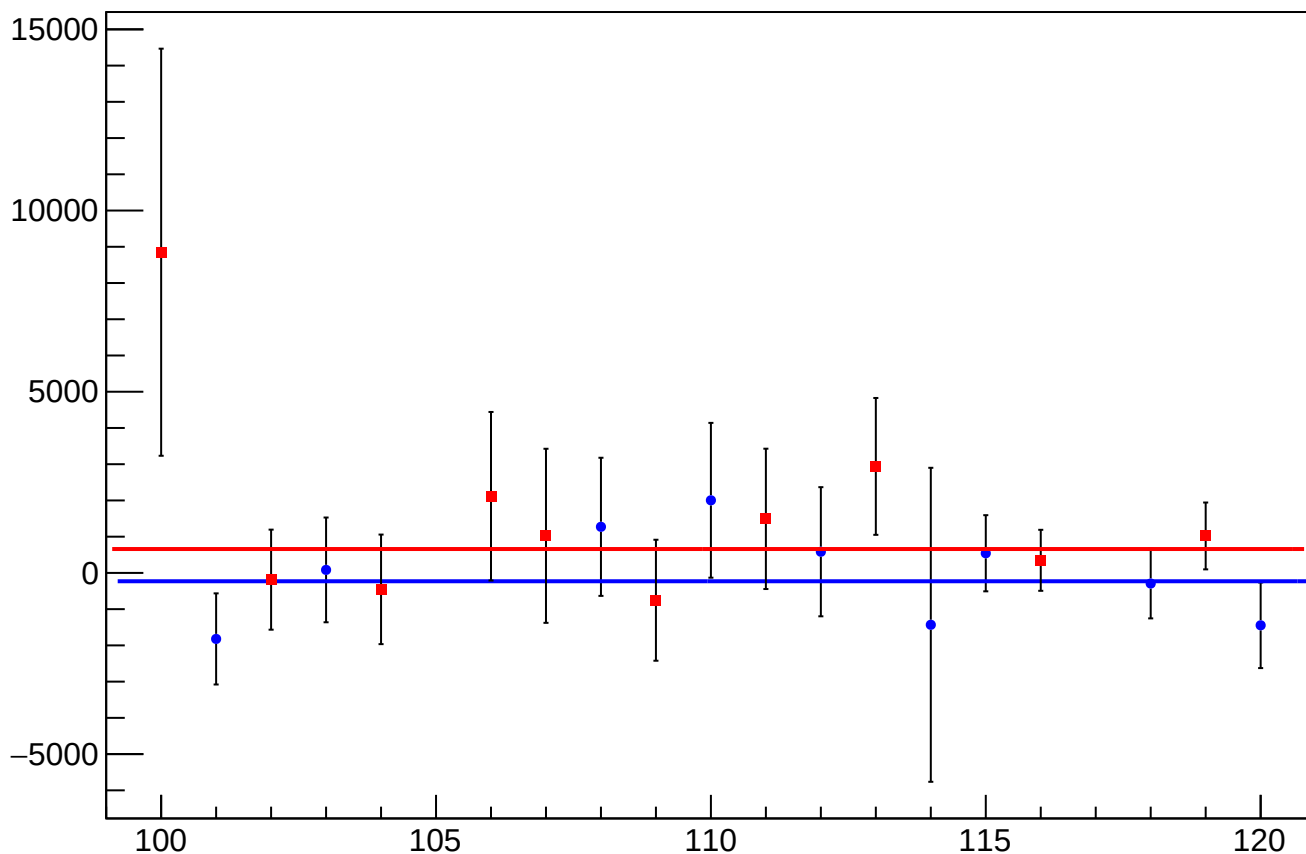
Right: 98.010 $\pm$ 0.027 χ^2 /NDF: 2102815.7/18

In: 93.442 $\pm$ 0.038 χ^2 /NDF:1085260.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 98.010 $\pm$ 0.027 χ^2 /NDF: 2102815.7/18

asym_sam_1526_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -230.165+/-462.381 χ^2/NDF : 5.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 659.299+/-454.283 χ^2/NDF : 6.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

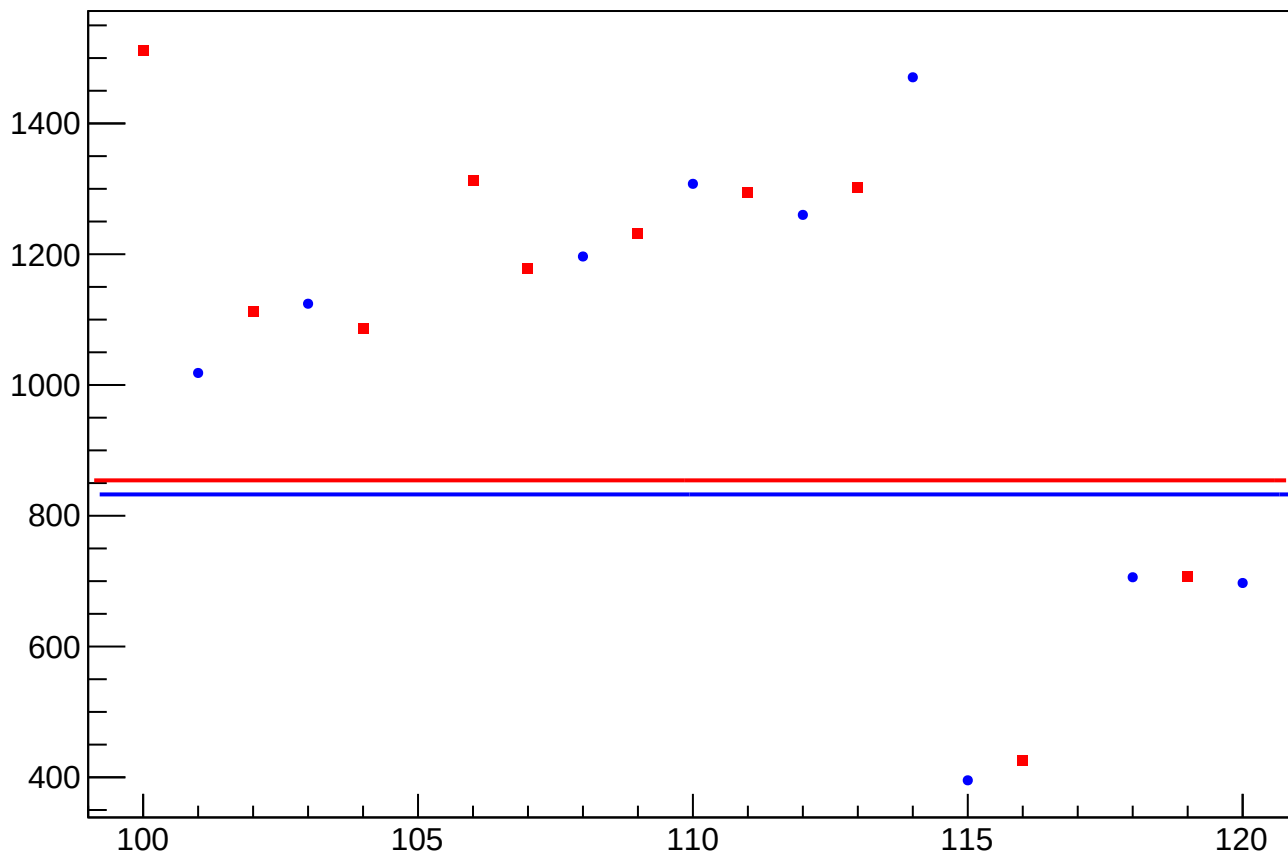
Right: 222.424+/-324.052 χ^2/NDF : 13.2/18

In: -230.165+/-462.381 χ^2/NDF : 5.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 222.424+/-324.052 χ^2/NDF : 13.2/18

asym_sam_1526_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 832.635+/-0.327 χ^2/NDF : 862690.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 854.143+/-0.321 χ^2/NDF : 1147317.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

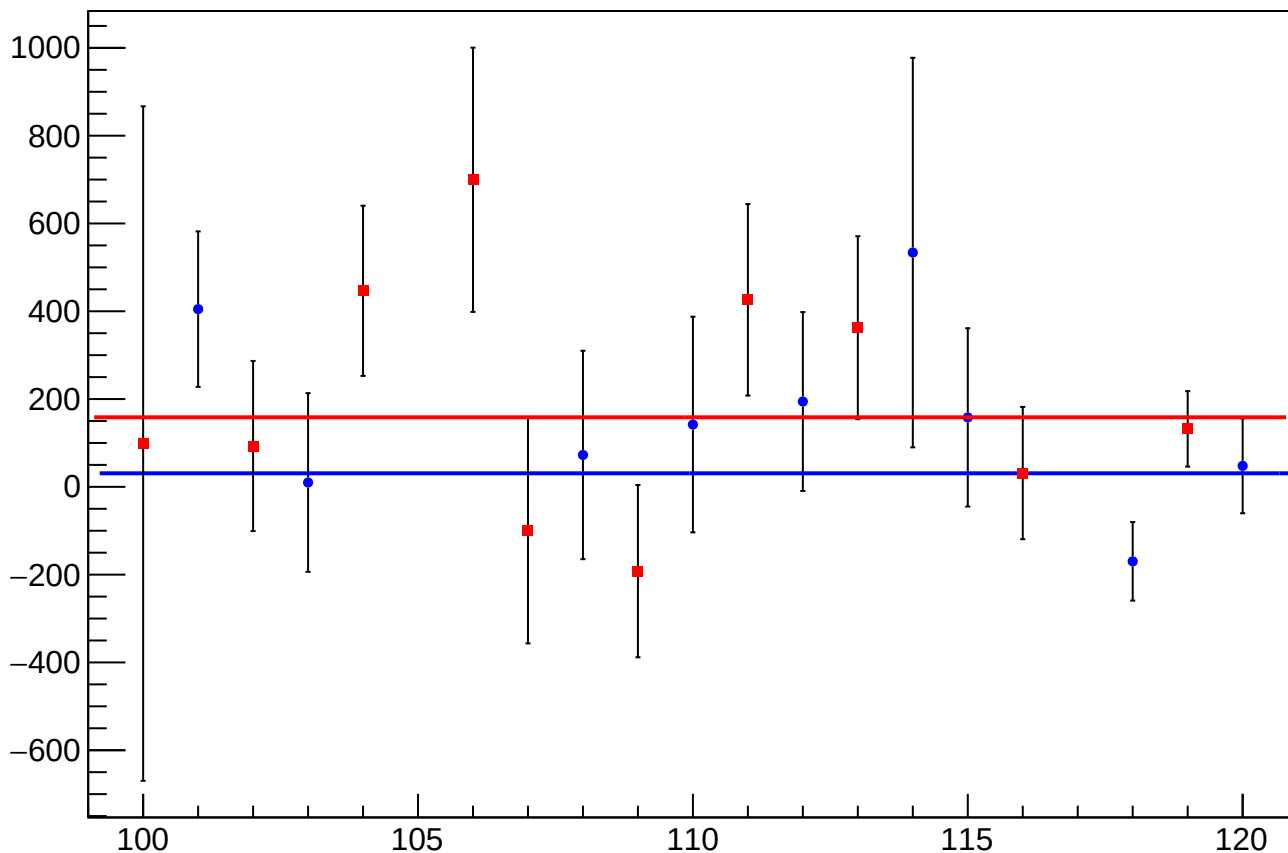
Right: 843.579+/-0.229 χ^2/NDF : 2012210.0/18

In: 832.635+/-0.327 χ^2/NDF : 862690.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 843.579+/-0.229 χ^2/NDF : 2012210.0/18

eigen_dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 30.858+/-53.130 χ^2/NDF : 12.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.426+/-55.027 χ^2/NDF : 13.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

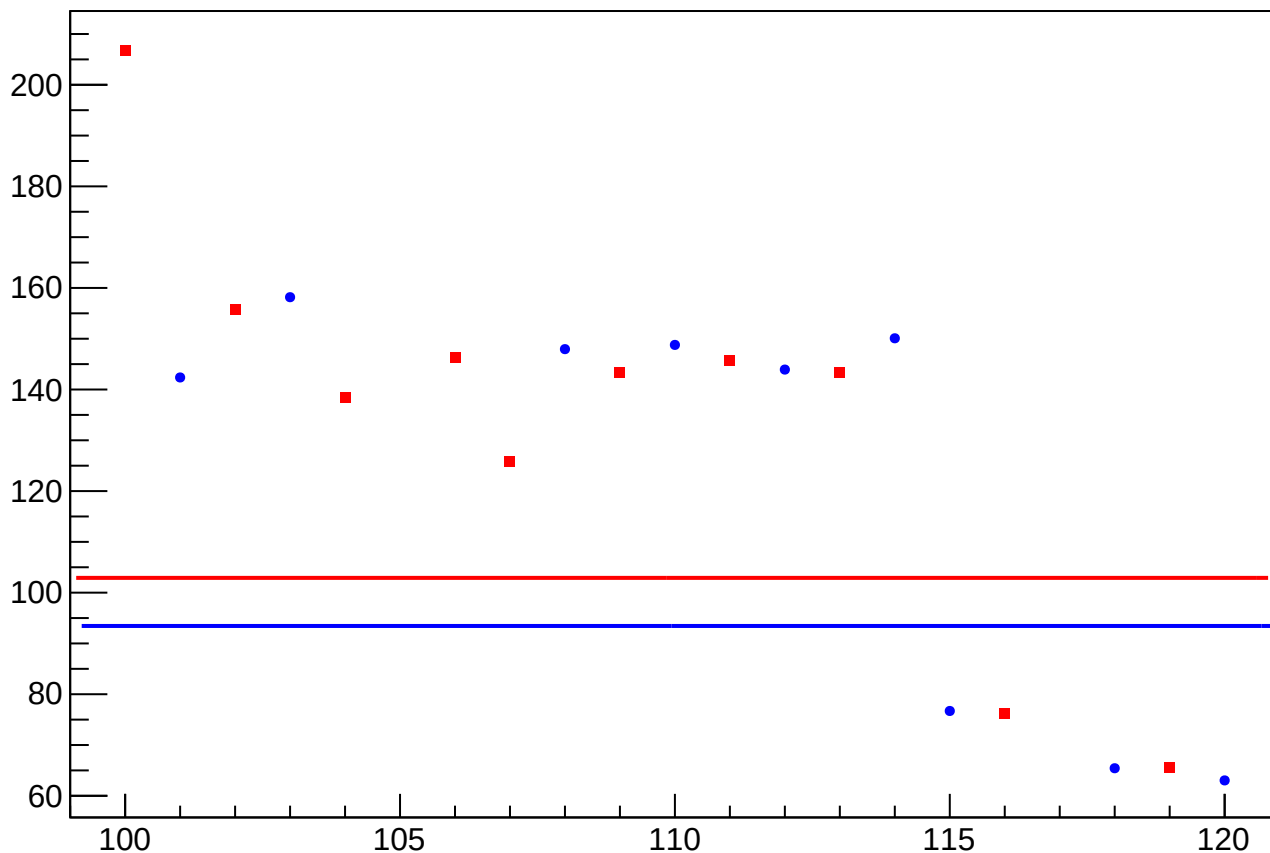
Right: 92.404+/-38.222 χ^2/NDF : 27.9/18

In: 30.858+/-53.130 χ^2/NDF : 12.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.404+/-38.222 χ^2/NDF : 27.9/18

eigen_dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 93.442+/-0.038 χ^2/NDF : 1085249.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 102.911+/-0.039 χ^2/NDF : 986888.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

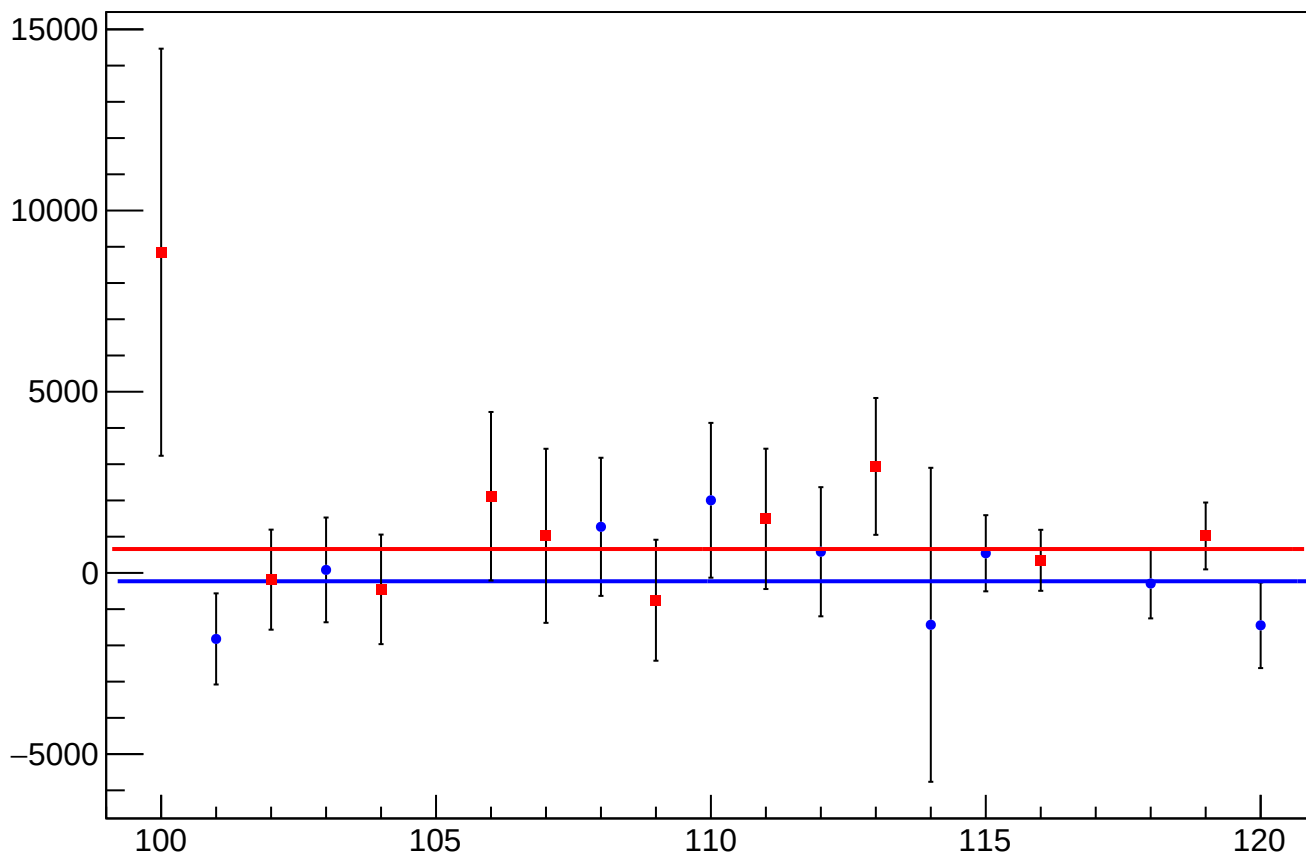
Right: 98.010+/-0.027 χ^2/NDF : 2102790.2/18

In: 93.442+/-0.038 χ^2/NDF :1085249.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 98.010+/-0.027 χ^2/NDF : 2102790.2/18

asym_sam_1526_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -230.164+/-462.380 χ^2/NDF : 5.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 659.299+/-454.282 χ^2/NDF : 6.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

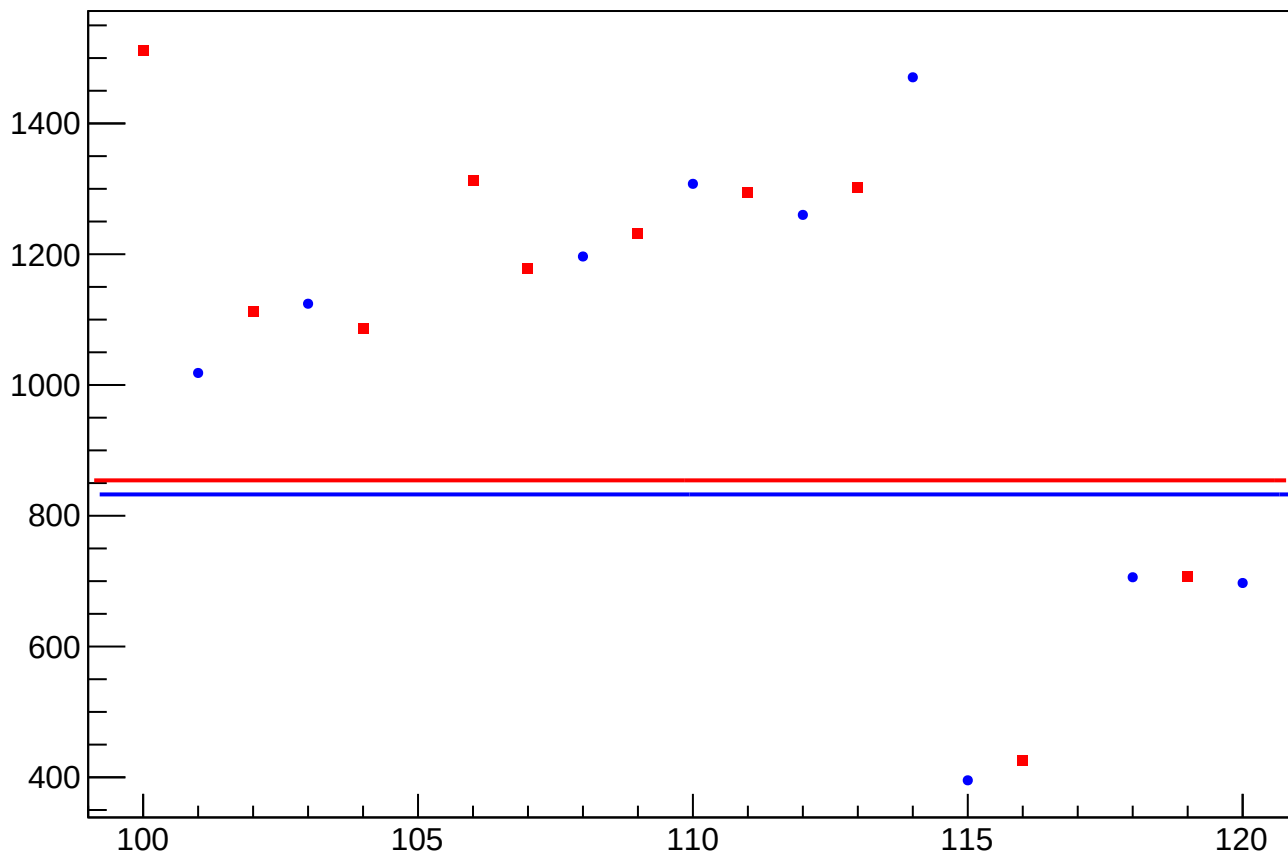
Right: 222.425+/-324.051 χ^2/NDF : 13.2/18

In: -230.164+/-462.380 χ^2/NDF : 5.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 222.425+/-324.051 χ^2/NDF : 13.2/18

asym_sam_1526_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 832.634+/-0.327 χ^2/NDF : 862678.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 854.143+/-0.321 χ^2/NDF : 1147304.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

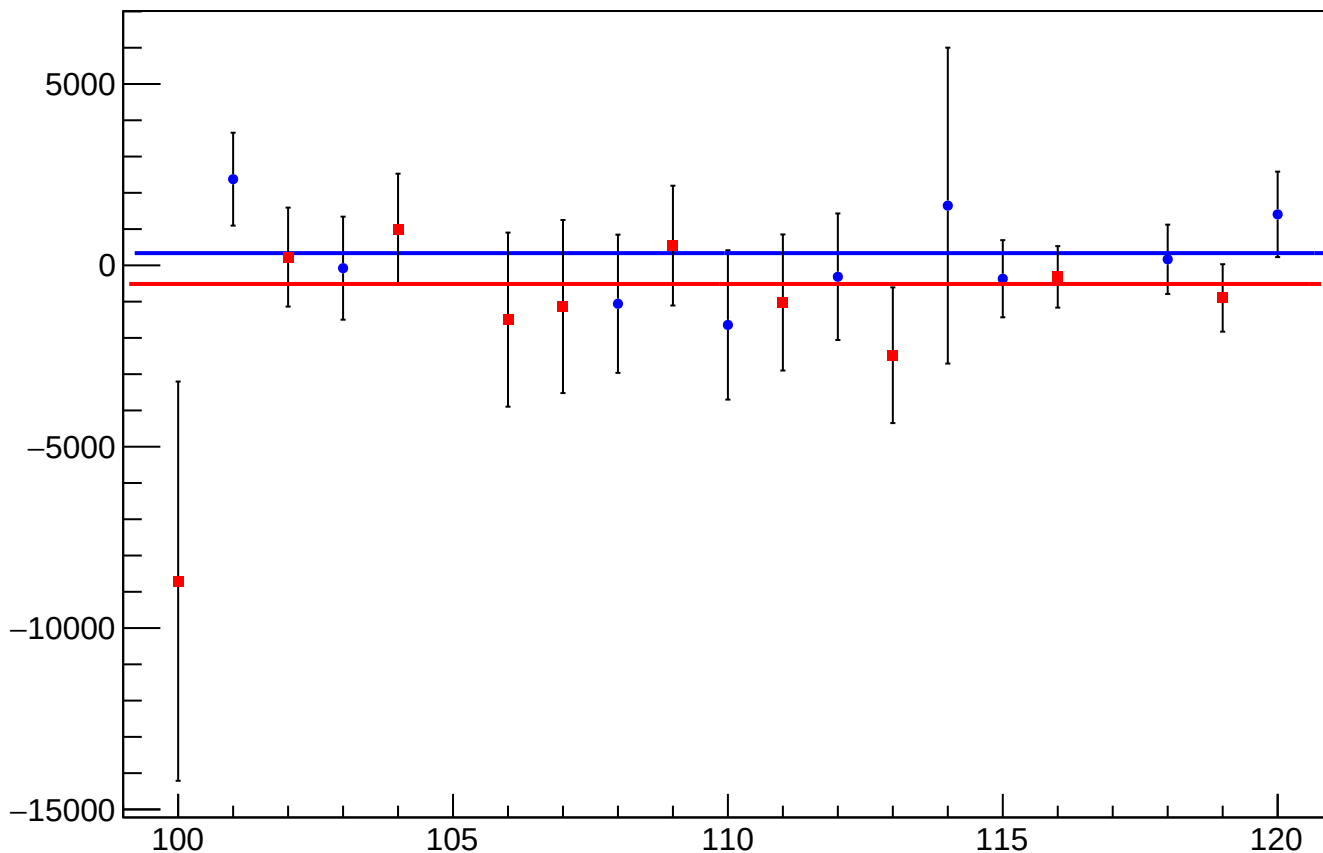
Right: 843.579+/-0.229 χ^2/NDF : 2012184.1/18

In: 832.634+/-0.327 χ^2/NDF : 862678.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 843.579+/-0.229 χ^2/NDF : 2012184.1/18

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 337.318+/-461.355 χ^2/NDF : 5.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -512.544+/-454.872 χ^2/NDF : 5.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

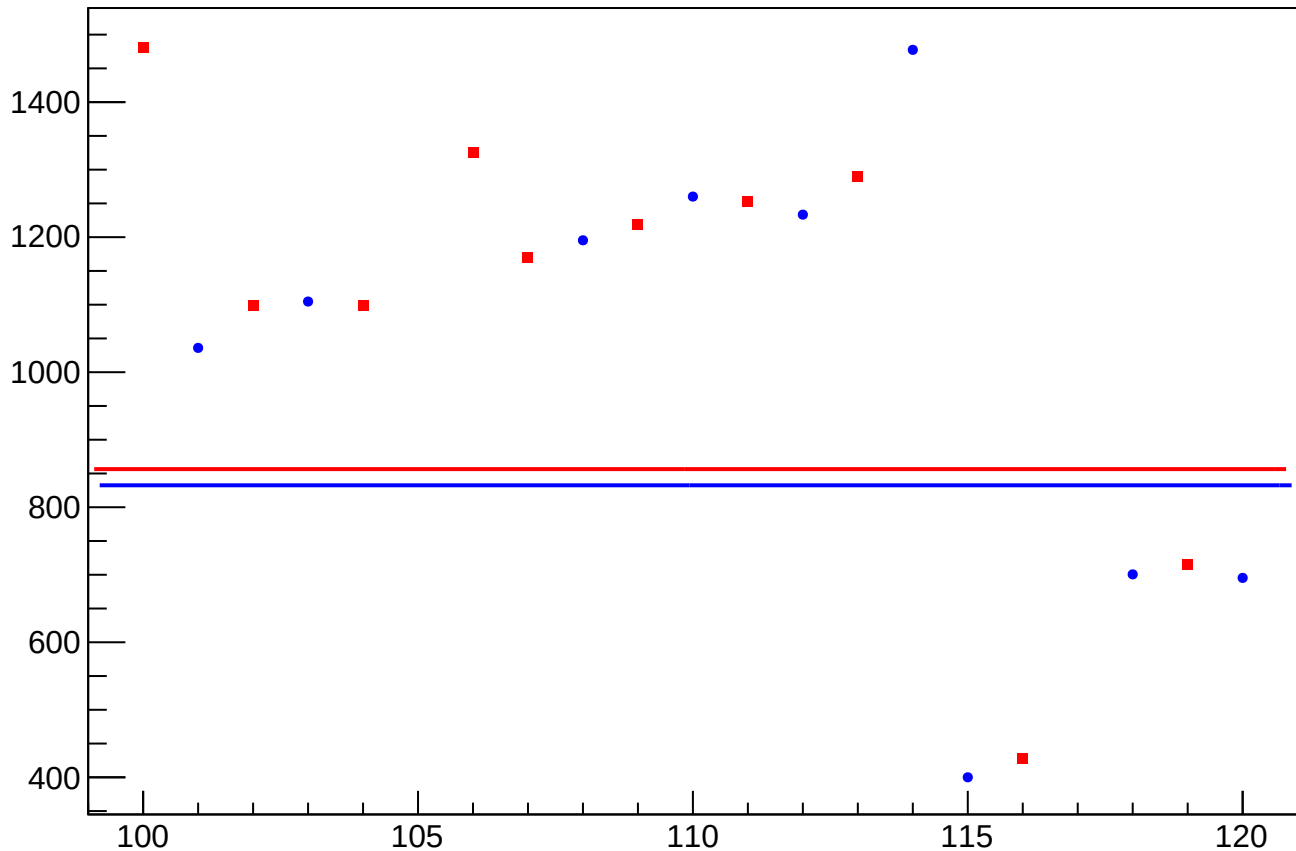
Right: -93.625+/-323.911 χ^2/NDF : 12.9/18

In: 337.318+/-461.355 χ^2/NDF : 5.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -93.625+/-323.911 χ^2/NDF : 12.9/18

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 832.510+/-0.326 χ^2/NDF : 828238.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 856.481+/-0.322 χ^2/NDF : 1101220.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

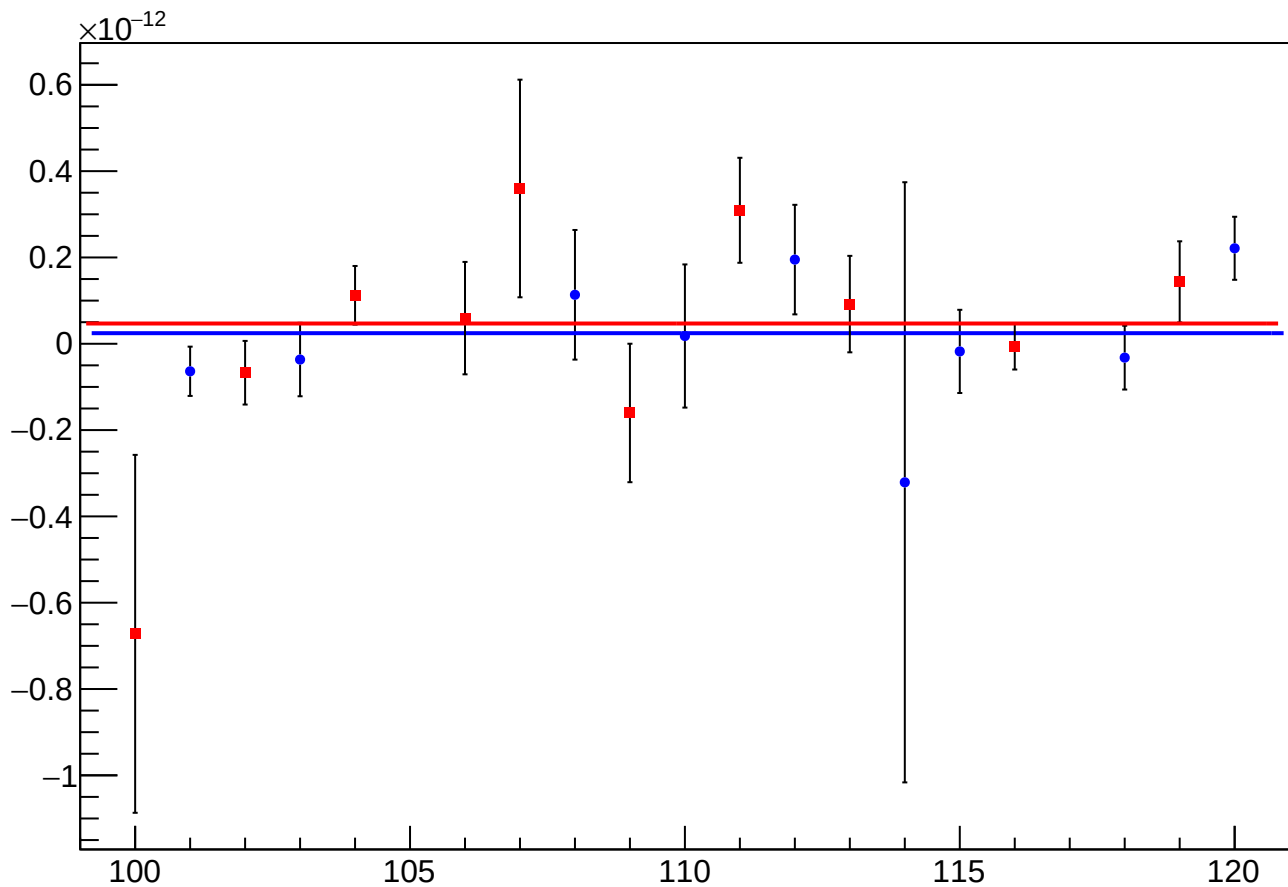
Right: 844.665+/-0.229 χ^2/NDF : 1932196.9/18

In: 832.510+/-0.326 χ^2/NDF : 828238.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 844.665+/-0.229 χ^2/NDF : 1932196.9/18

asym_sam_1526_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

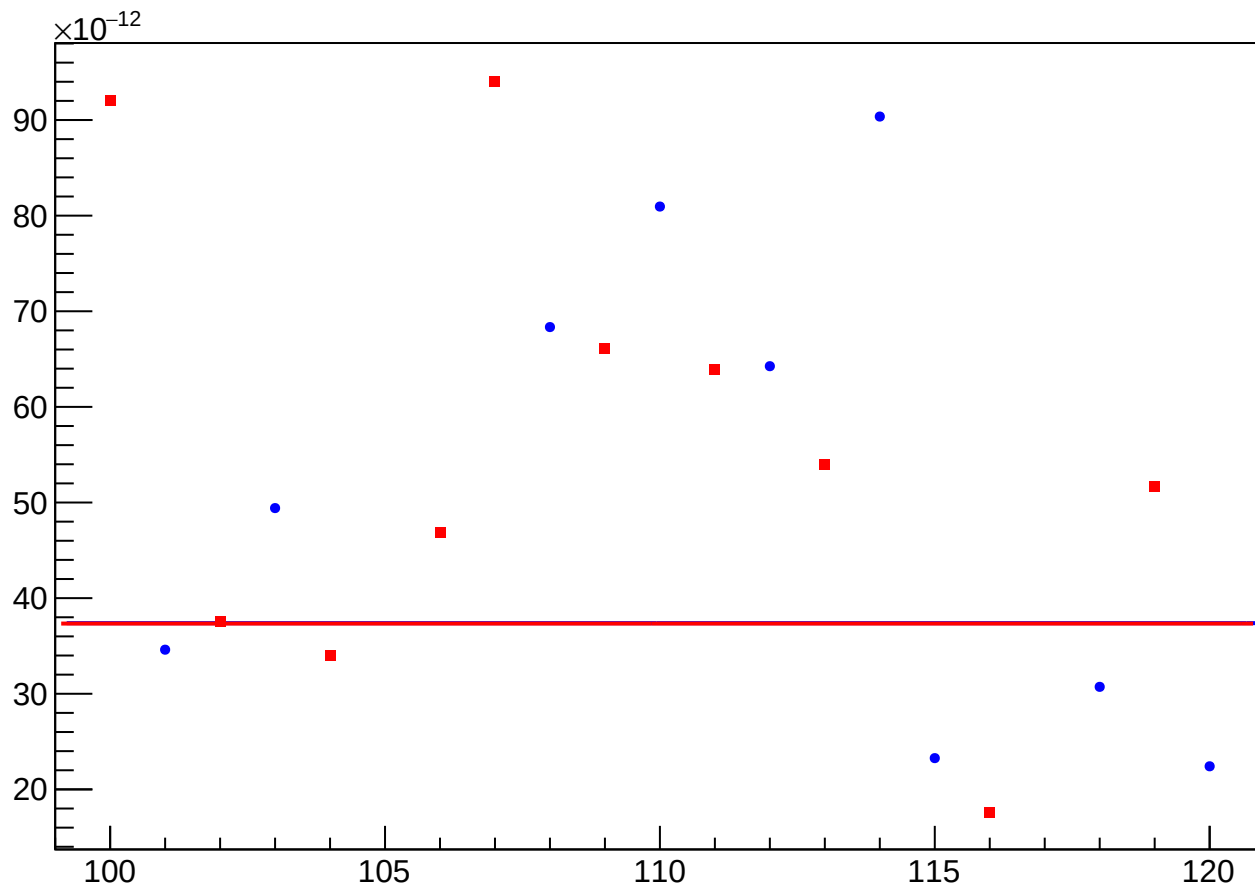
Right: 0.000+/-0.000 χ^2/NDF : 30.0/18

In: 0.000+/-0.000 χ^2/NDF : 13.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.0/18

asym_sam_1526_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 512024.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 677879.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

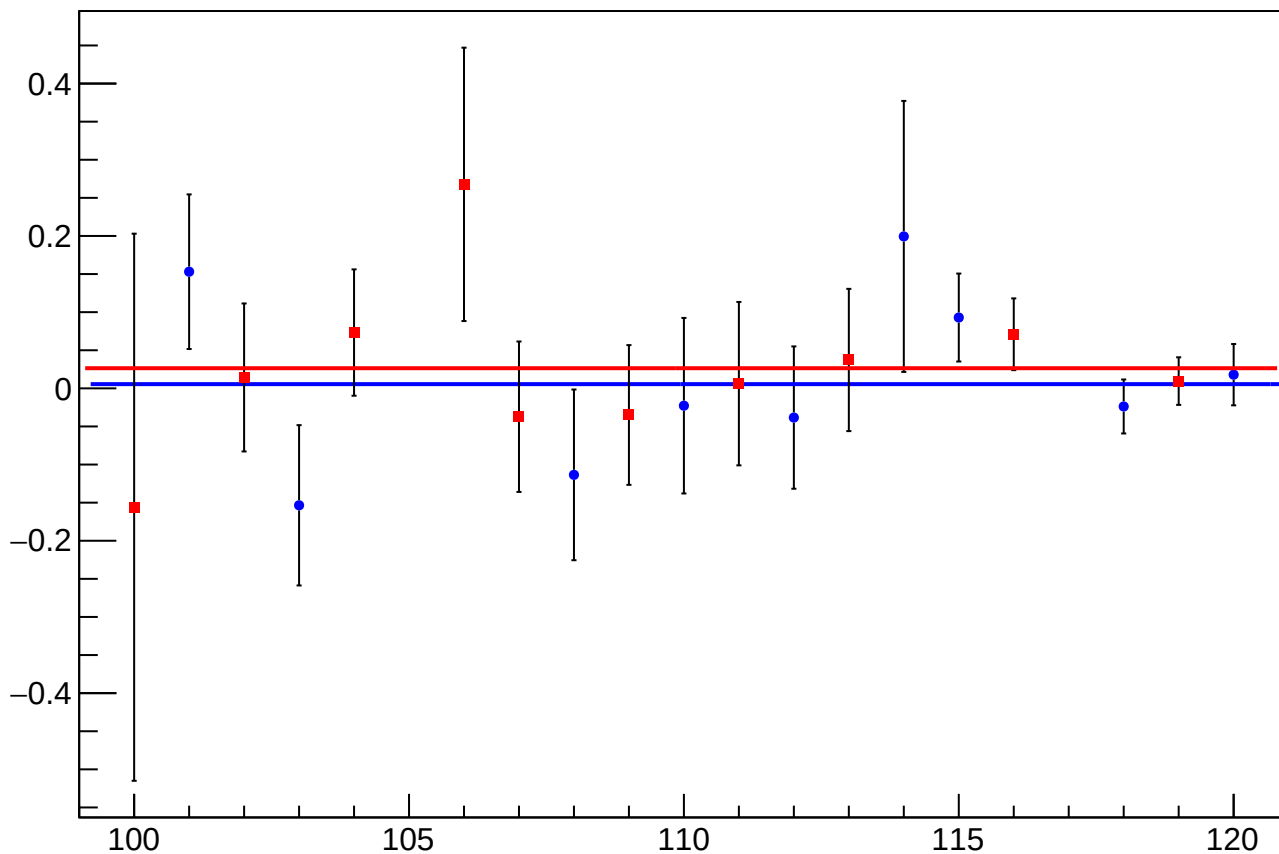
Right: 0.000+/-0.000 χ^2/NDF : 1189905.9/18

In: 0.000+/-0.000 χ^2/NDF : 512024.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1189905.9/18

asym_sam_1526_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006 $\pm$ 0.021 χ^2 /NDF: 10.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.026 $\pm$ 0.021 χ^2 /NDF: 4.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

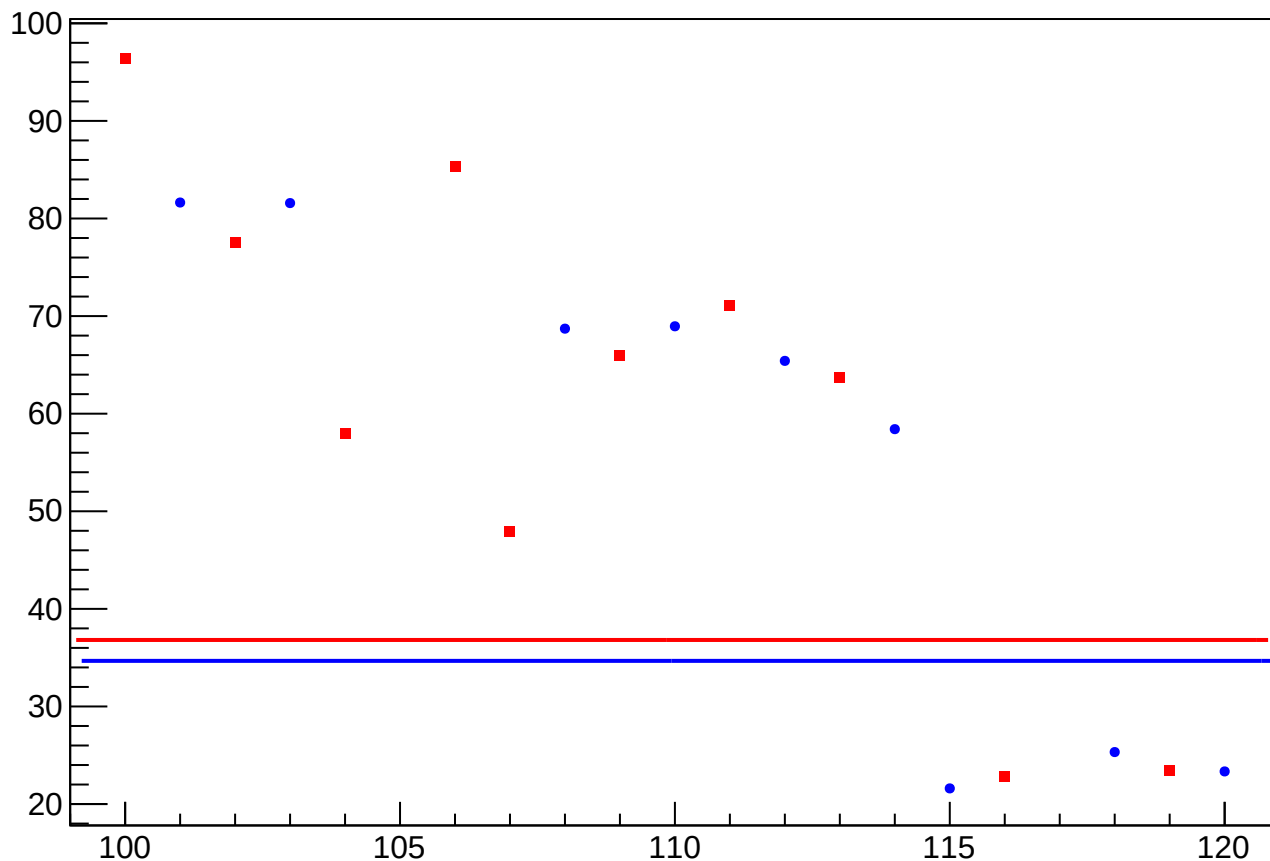
Right: 0.016 $\pm$ 0.015 χ^2 /NDF: 15.1/18

In: 0.006 $\pm$ 0.021 χ^2 /NDF:10.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.016 $\pm$ 0.015 χ^2 /NDF: 15.1/18

asym_sam_1526_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.672+/-0.015 χ^2/NDF : 1840854.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.814+/-0.015 χ^2/NDF : 1824427.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

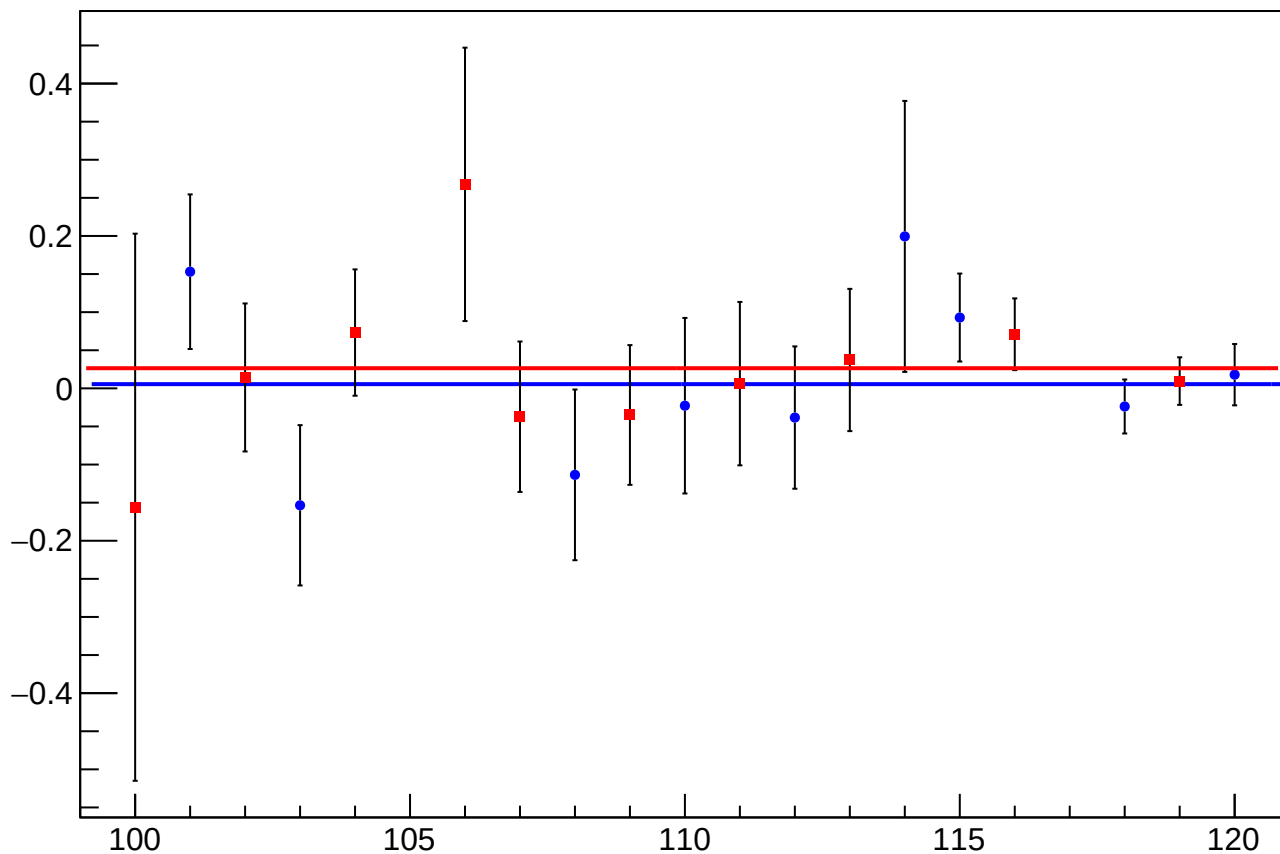
Right: 35.740+/-0.011 χ^2/NDF : 3675361.9/18

In: 34.672+/-0.015 χ^2/NDF : 1840854.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.740+/-0.011 χ^2/NDF : 3675361.9/18

asym_sam_1526_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006+/-0.021 χ^2/NDF : 10.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.026+/-0.021 χ^2/NDF : 4.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

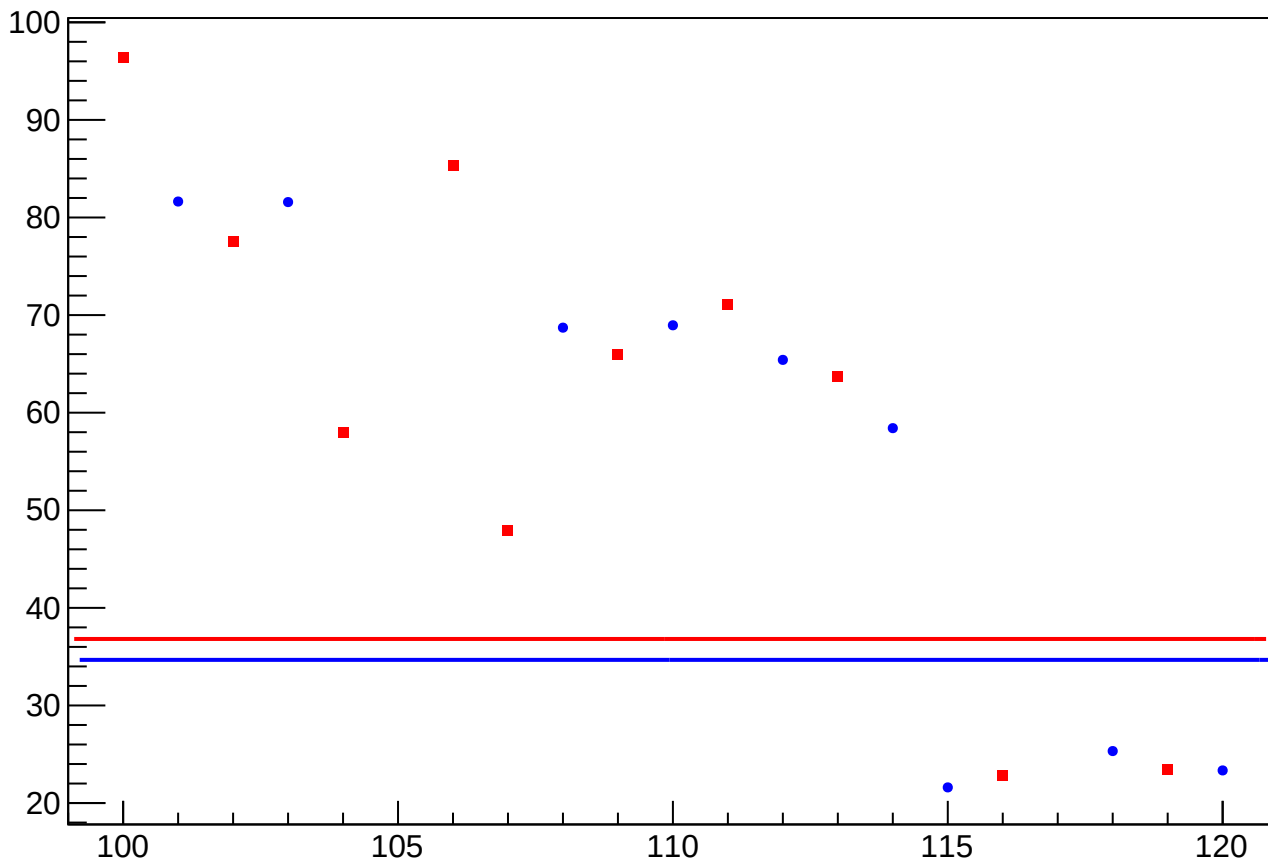
Right: 0.016+/-0.015 χ^2/NDF : 15.1/18

In: 0.006+/-0.021 χ^2/NDF :10.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.016+/-0.015 χ^2/NDF : 15.1/18

asym_sam_1526_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.672+/-0.015 χ^2/NDF : 1840854.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.814+/-0.015 χ^2/NDF : 1824427.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

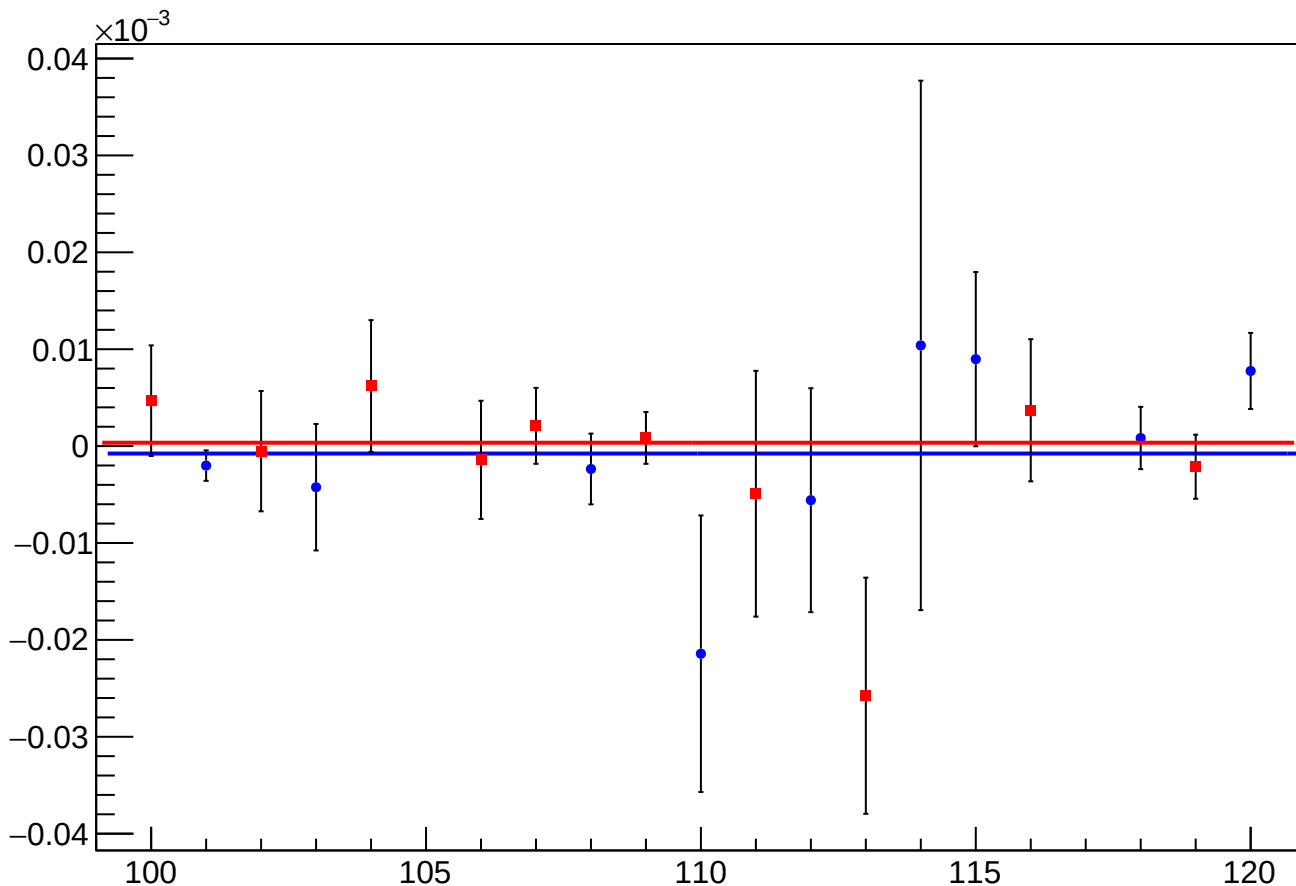
Right: 35.740+/-0.011 χ^2/NDF : 3675361.9/18

In: 34.672+/-0.015 χ^2/NDF : 1840854.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.740+/-0.011 χ^2/NDF : 3675361.9/18

asym_sam_1526_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

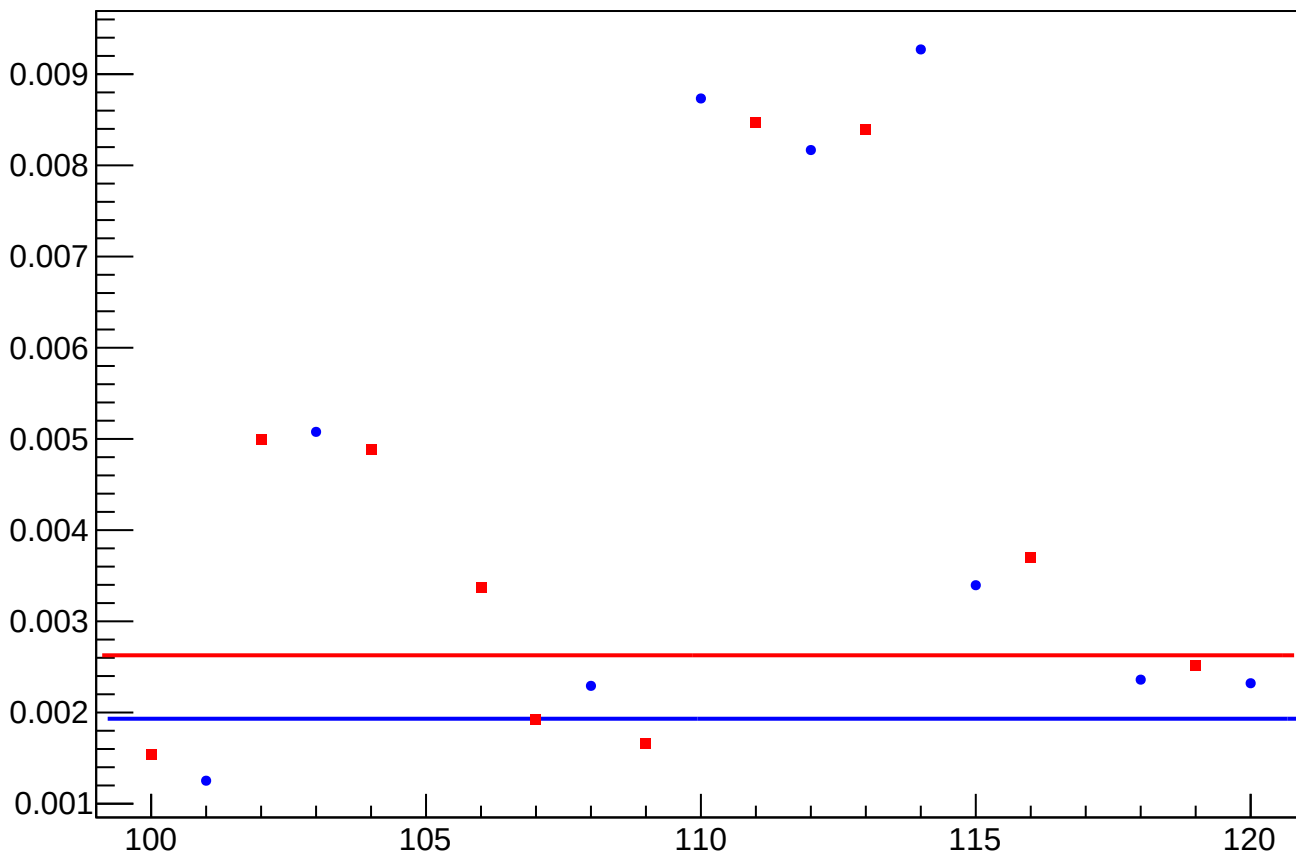
Right: -0.000+/-0.000 χ^2/NDF : 17.2/18

In: -0.000+/-0.000 χ^2/NDF : 9.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.2/18

asym_sam_1526_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2147749.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1860428.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

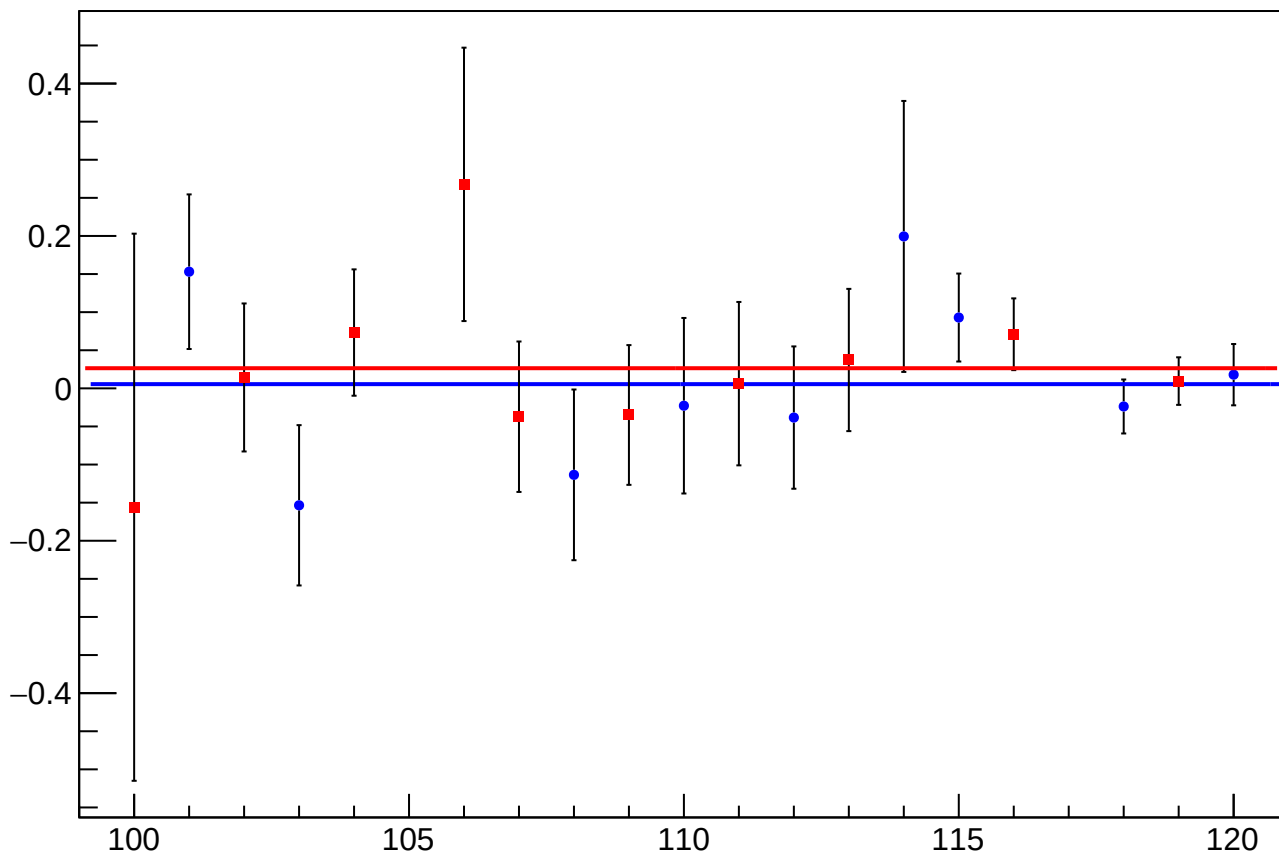
Right: 0.002+/-0.000 χ^2/NDF : 4265795.4/18

In: 0.002+/-0.000 χ^2/NDF :2147749.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4265795.4/18

asym_sam_1526_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006+/-0.021 χ^2/NDF : 10.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.026+/-0.021 χ^2/NDF : 4.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

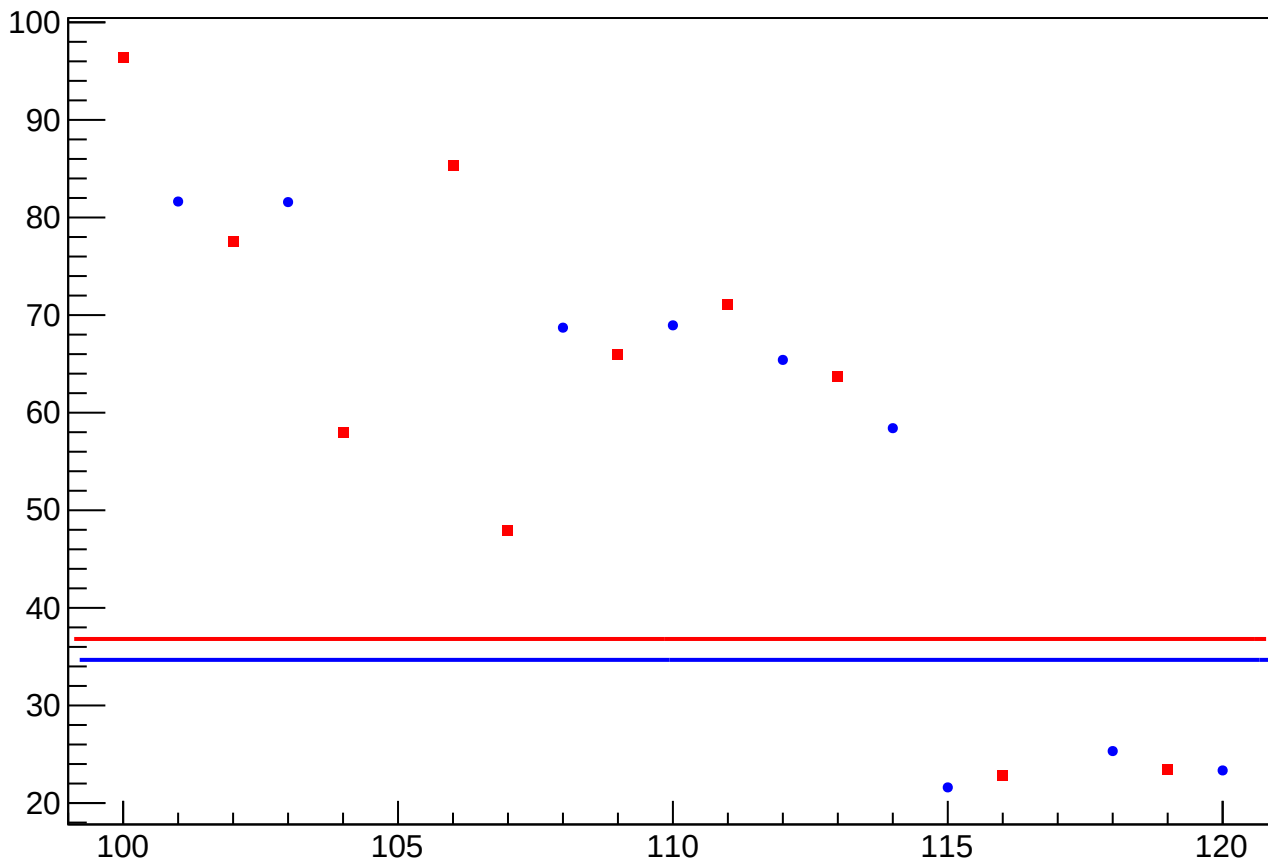
Right: 0.016+/-0.015 χ^2/NDF : 15.1/18

In: 0.006+/-0.021 χ^2/NDF : 10.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.015 χ^2/NDF : 15.1/18

asym_sam_1526_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.672 $\pm$ 0.015 χ^2 /NDF: 1840797.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 36.814 $\pm$ 0.015 χ^2 /NDF: 1824349.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

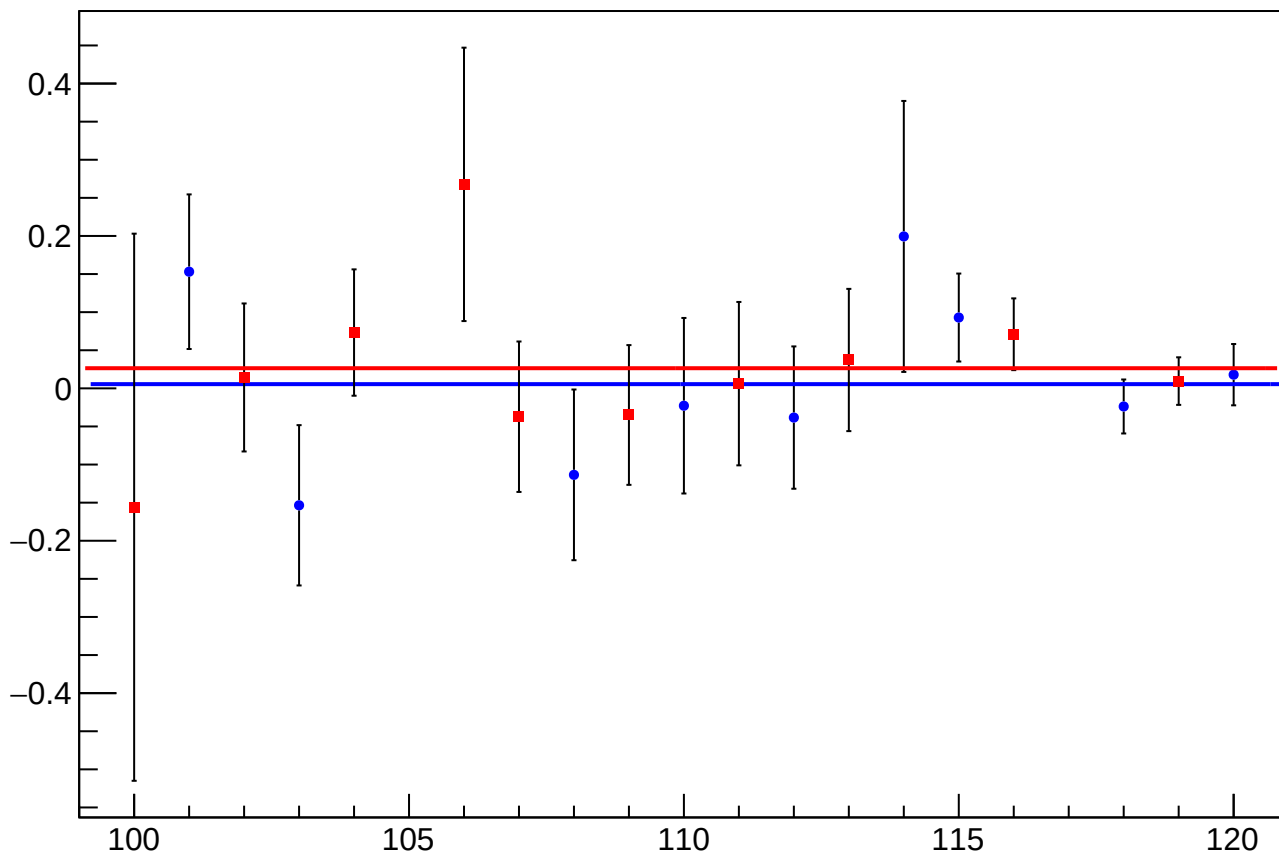
Right: 35.740 $\pm$ 0.011 χ^2 /NDF: 3675227.4/18

In: 34.672 $\pm$ 0.015 χ^2 /NDF:1840797.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 35.740 $\pm$ 0.011 χ^2 /NDF: 3675227.4/18

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006+/-0.021 χ^2/NDF : 10.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.026+/-0.021 χ^2/NDF : 4.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

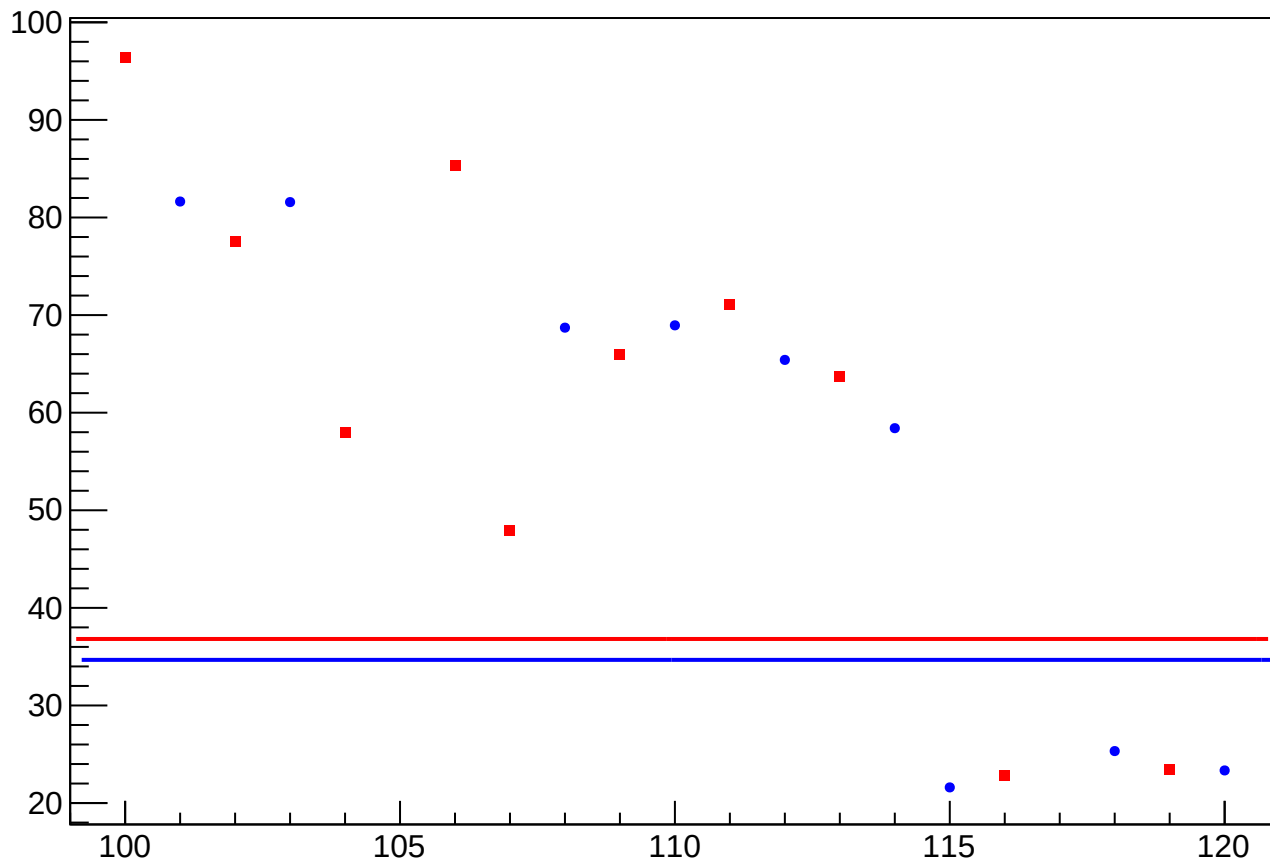
Right: 0.016+/-0.015 χ^2/NDF : 15.1/18

In: 0.006+/-0.021 χ^2/NDF :10.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.016+/-0.015 χ^2/NDF : 15.1/18

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.672+/-0.015 χ^2/NDF : 1840797.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.814+/-0.015 χ^2/NDF : 1824349.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

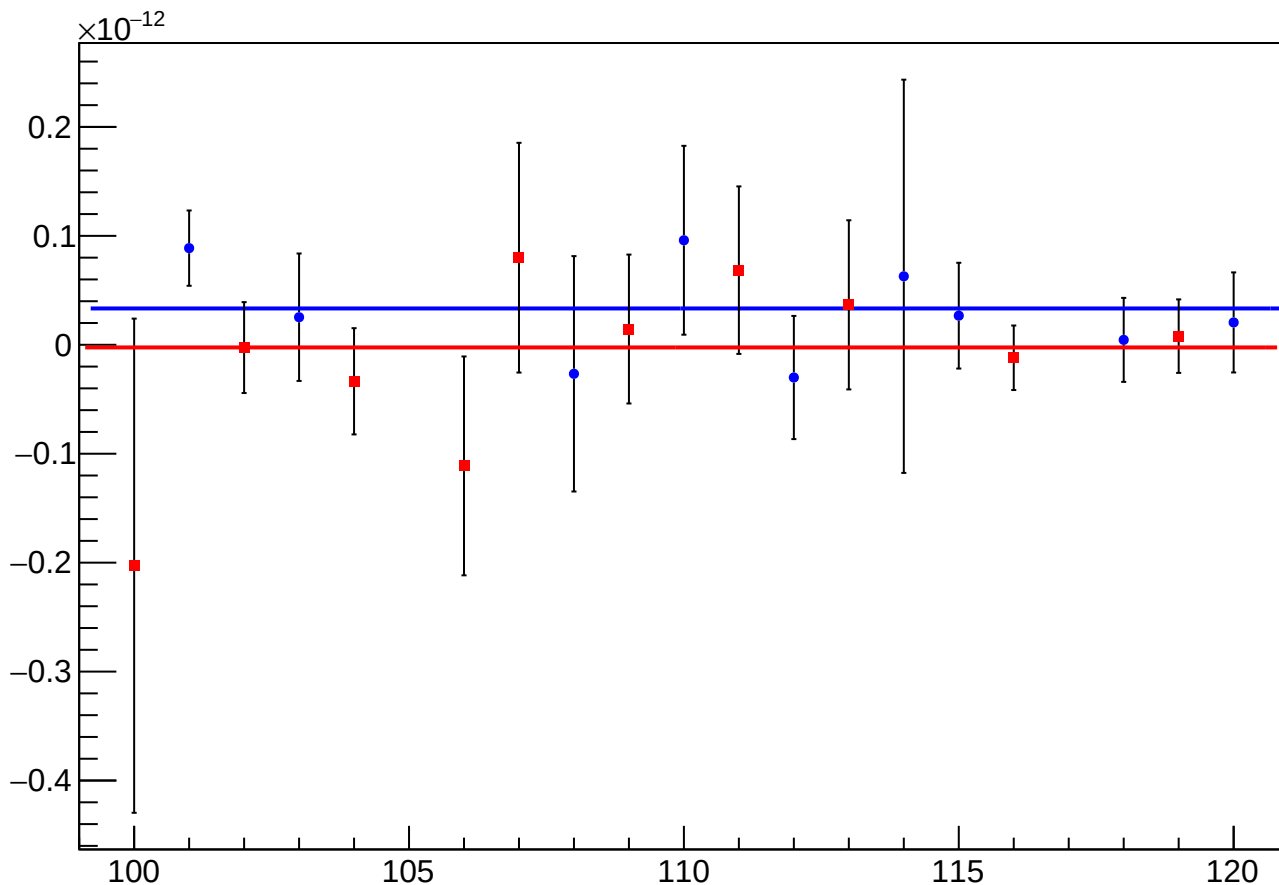
Right: 35.740+/-0.011 χ^2/NDF : 3675227.4/18

In: 34.672+/-0.015 χ^2/NDF : 1840797.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.740+/-0.011 χ^2/NDF : 3675227.4/18

asym_sam_1526_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

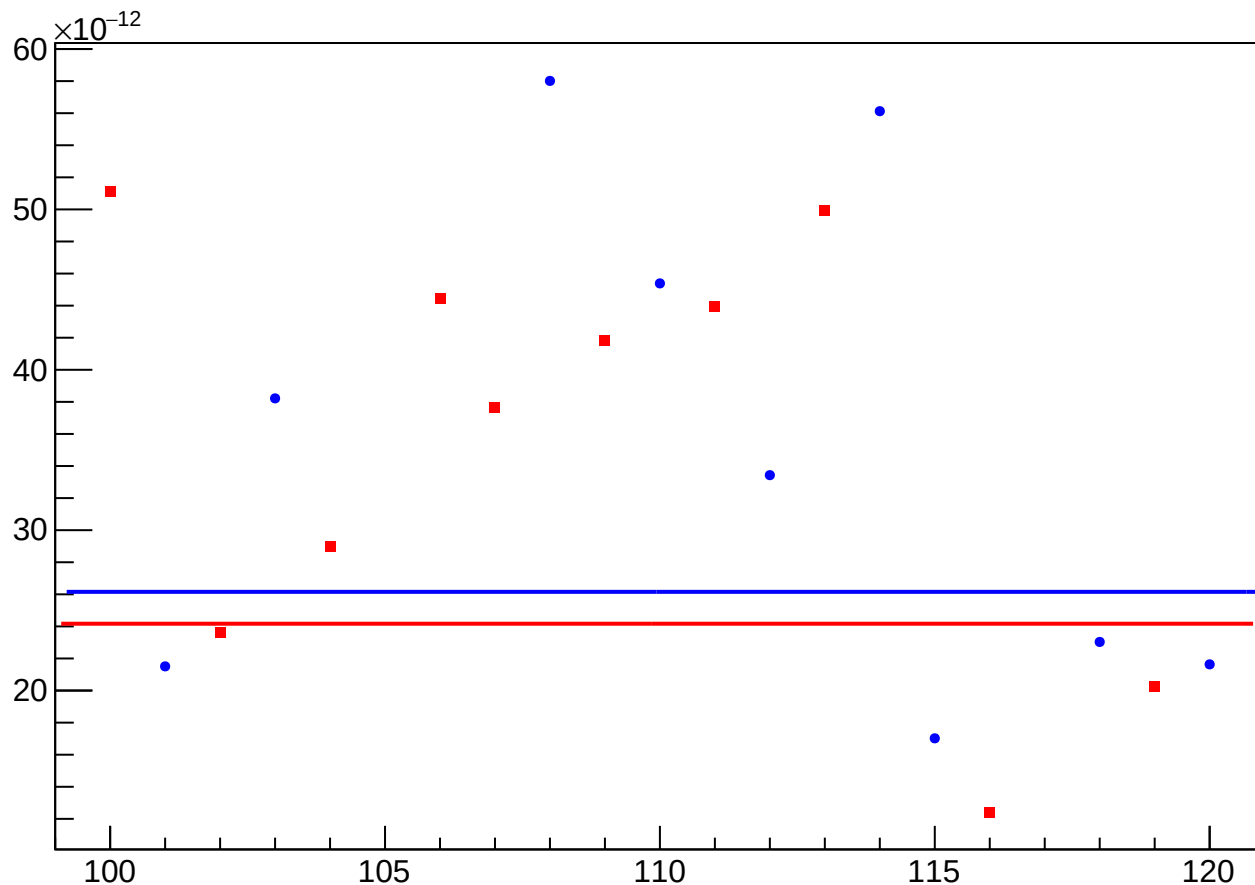
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.9/18

In: 0.000 $\pm$ 0.000 χ^2 /NDF:5.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.9/18

asym_sam_1526_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 585125.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 990829.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

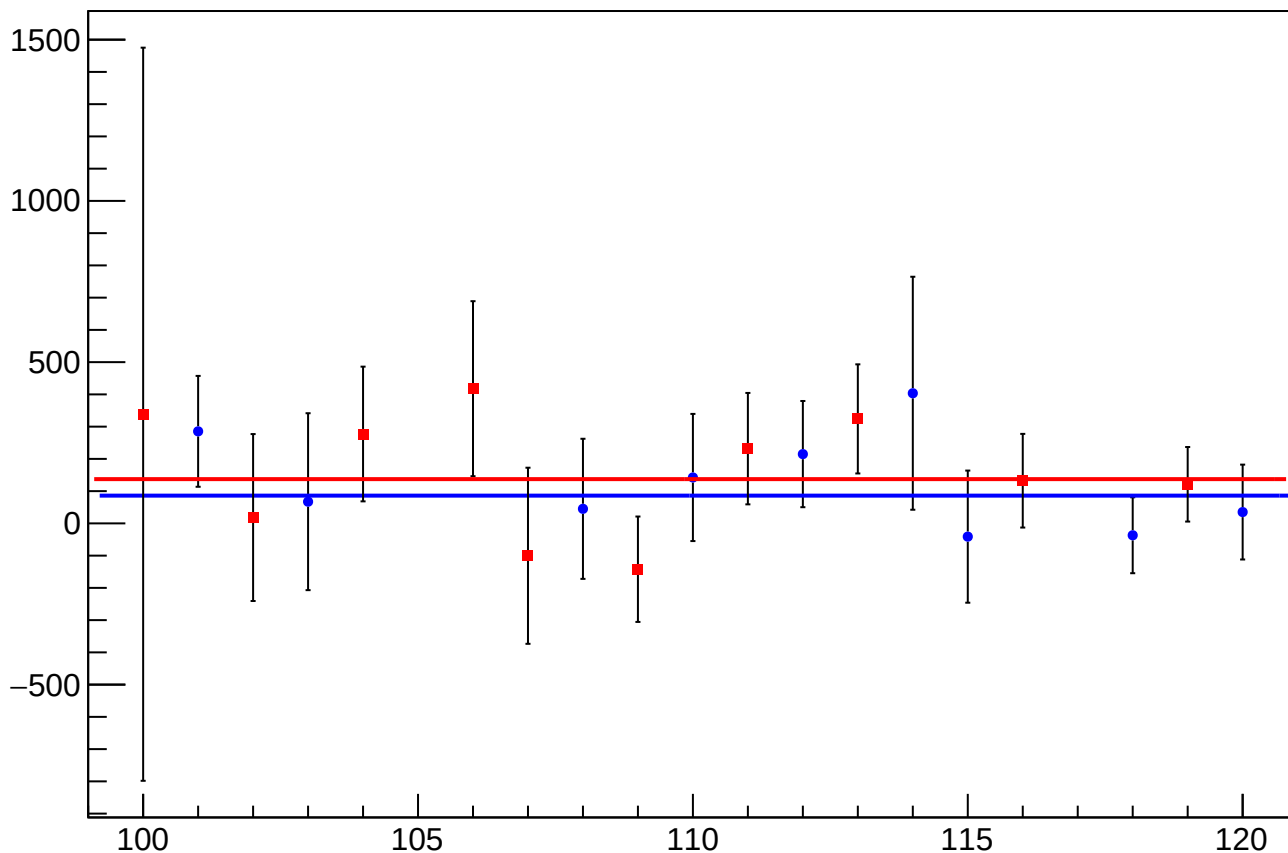
Right: 0.000+/-0.000 χ^2/NDF : 1589776.8/18

In: 0.000+/-0.000 χ^2/NDF :585125.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1589776.8/18

reg_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 86.066+/-59.674 χ^2/NDF : 4.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 137.252+/-58.346 χ^2/NDF : 7.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

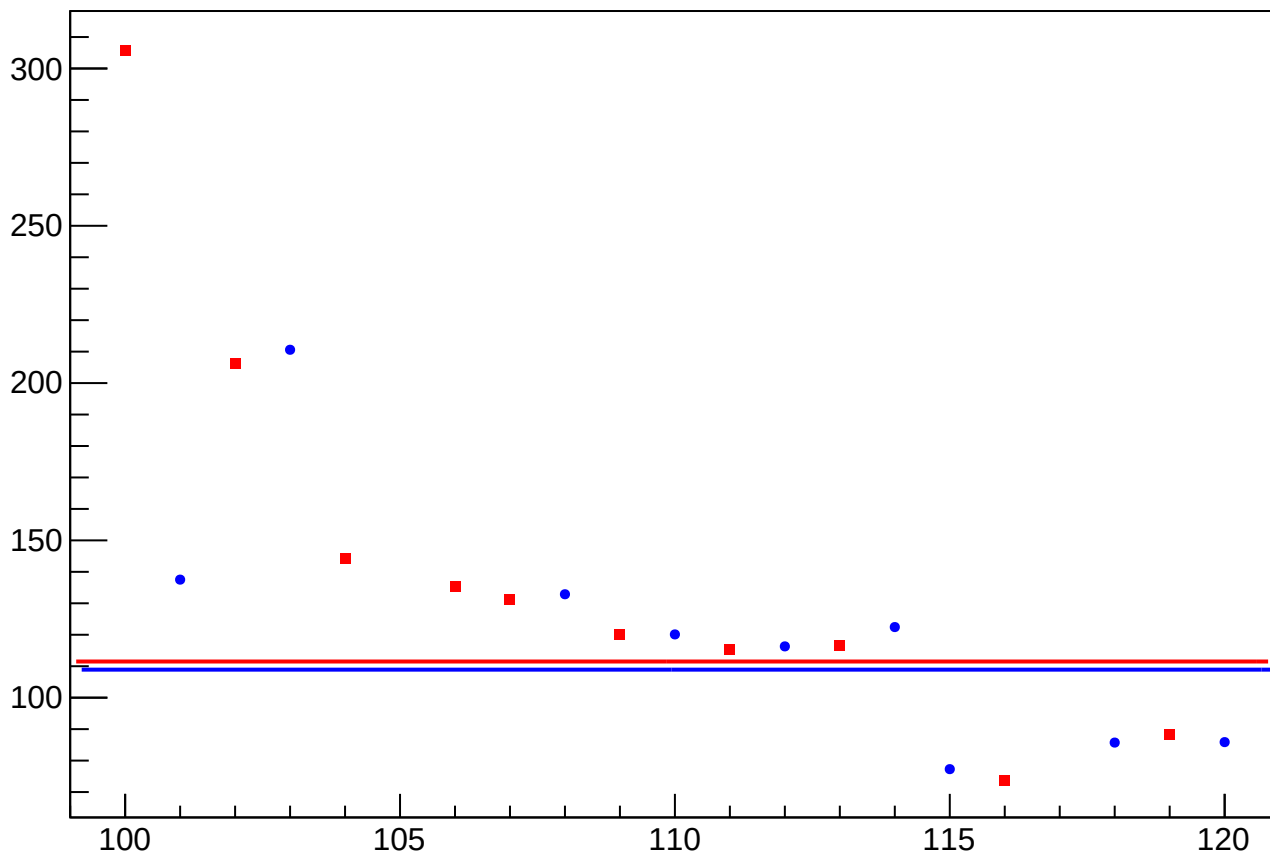
Right: 112.235+/-41.718 χ^2/NDF : 11.8/18

In: 86.066+/-59.674 χ^2/NDF : 4.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.235+/-41.718 χ^2/NDF : 11.8/18

reg_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 108.909+/-0.042 χ^2/NDF : 542173.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.497+/-0.041 χ^2/NDF : 625323.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

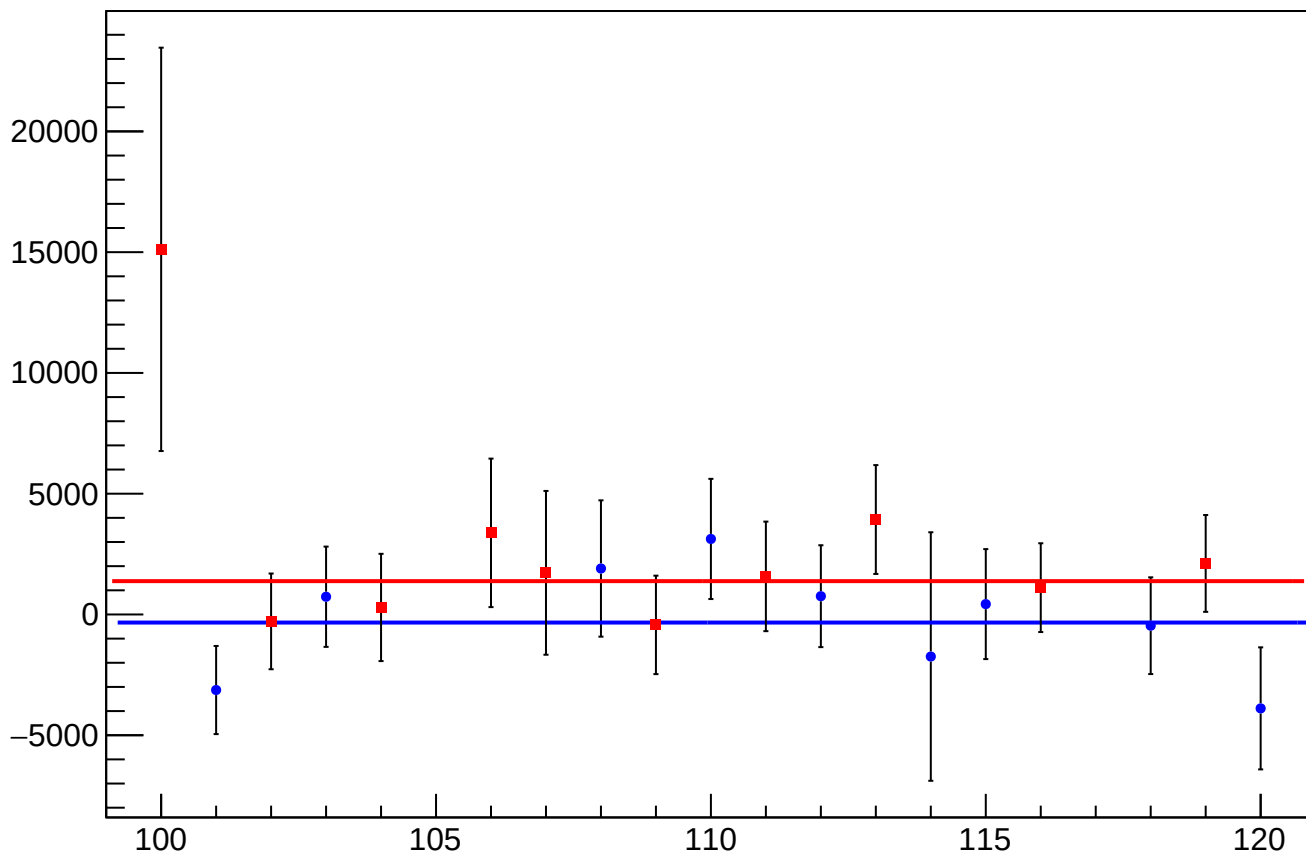
Right: 110.232+/-0.029 χ^2/NDF : 1169419.6/18

In: 108.909+/-0.042 χ^2/NDF : 542173.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.232+/-0.029 χ^2/NDF : 1169419.6/18

asym_sam_3726_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -334.797+/-771.237 χ^2/NDF : 7.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1380.103+/-736.840 χ^2/NDF : 6.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

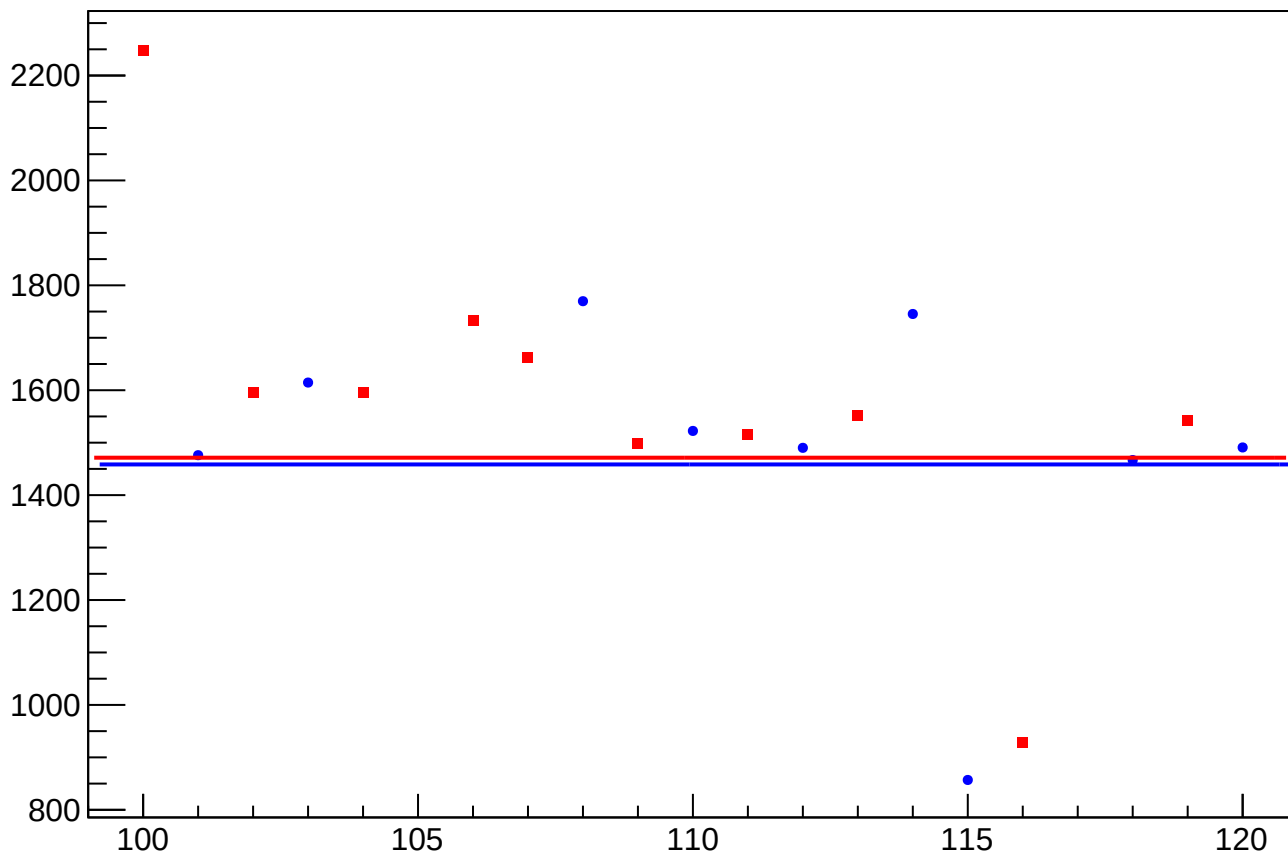
Right: 561.747+/-532.770 χ^2/NDF : 16.5/18

In: -334.797+/-771.237 χ^2/NDF : 7.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 561.747+/-532.770 χ^2/NDF : 16.5/18

asym_sam_3726_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1458.501+/-0.545 χ^2/NDF : 183825.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1471.349+/-0.521 χ^2/NDF : 233466.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

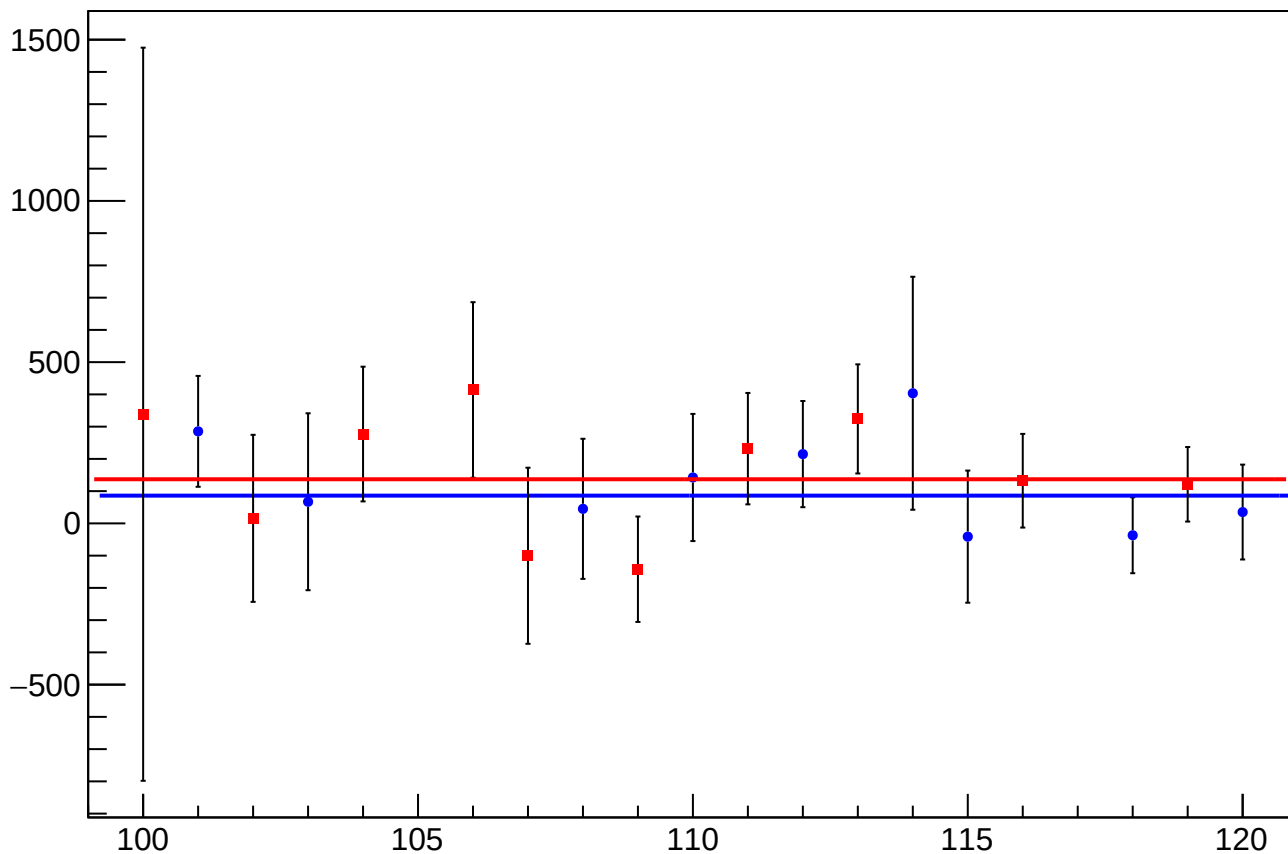
Right: 1465.218+/-0.377 χ^2/NDF : 417582.5/18

In: 1458.501+/-0.545 χ^2/NDF : 183825.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1465.218+/-0.377 χ^2/NDF : 417582.5/18

cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 86.058+/-59.674 χ^2/NDF : 4.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.863+/-58.356 χ^2/NDF : 7.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

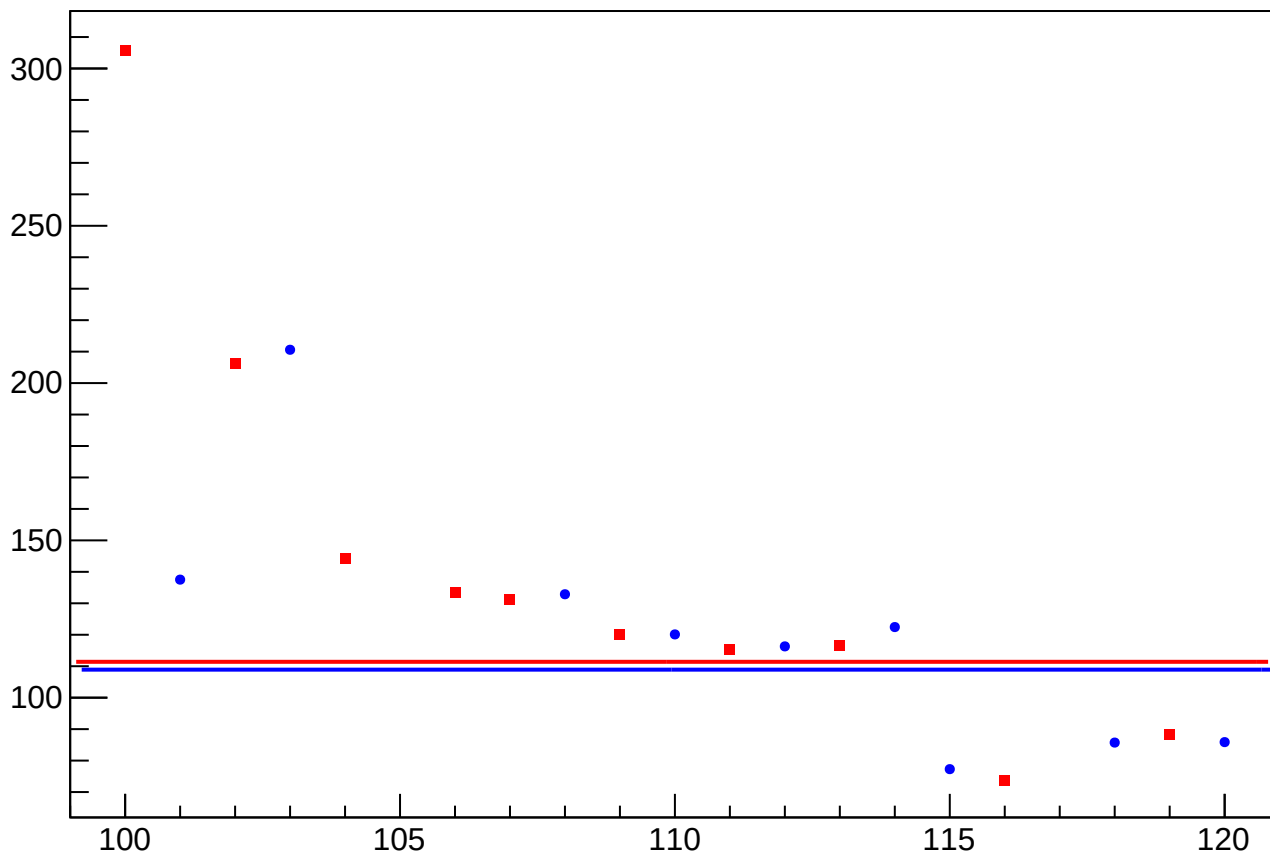
Right: 112.027+/-41.722 χ^2/NDF : 11.8/18

In: 86.058+/-59.674 χ^2/NDF : 4.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.027+/-41.722 χ^2/NDF : 11.8/18

cor_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 108.909+/-0.042 χ^2/NDF : 542176.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.400+/-0.041 χ^2/NDF : 623140.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

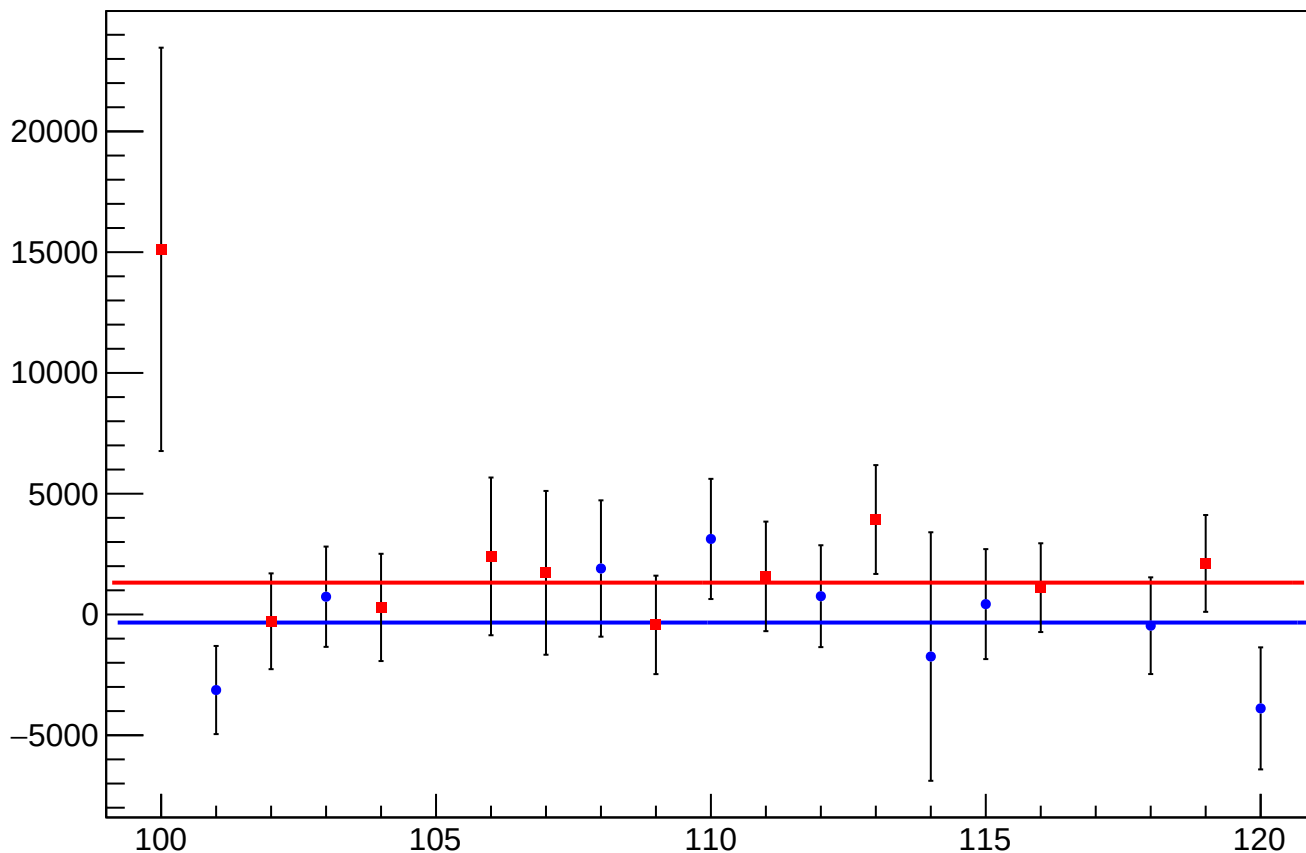
Right: 110.182+/-0.030 χ^2/NDF : 1167098.4/18

In: 108.909+/-0.042 χ^2/NDF : 542176.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.182+/-0.030 χ^2/NDF : 1167098.4/18

asym_sam_3726_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -334.682+/-771.244 χ^2 /NDF: 7.6/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1318.188+/-739.337 χ^2 /NDF: 6.0/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

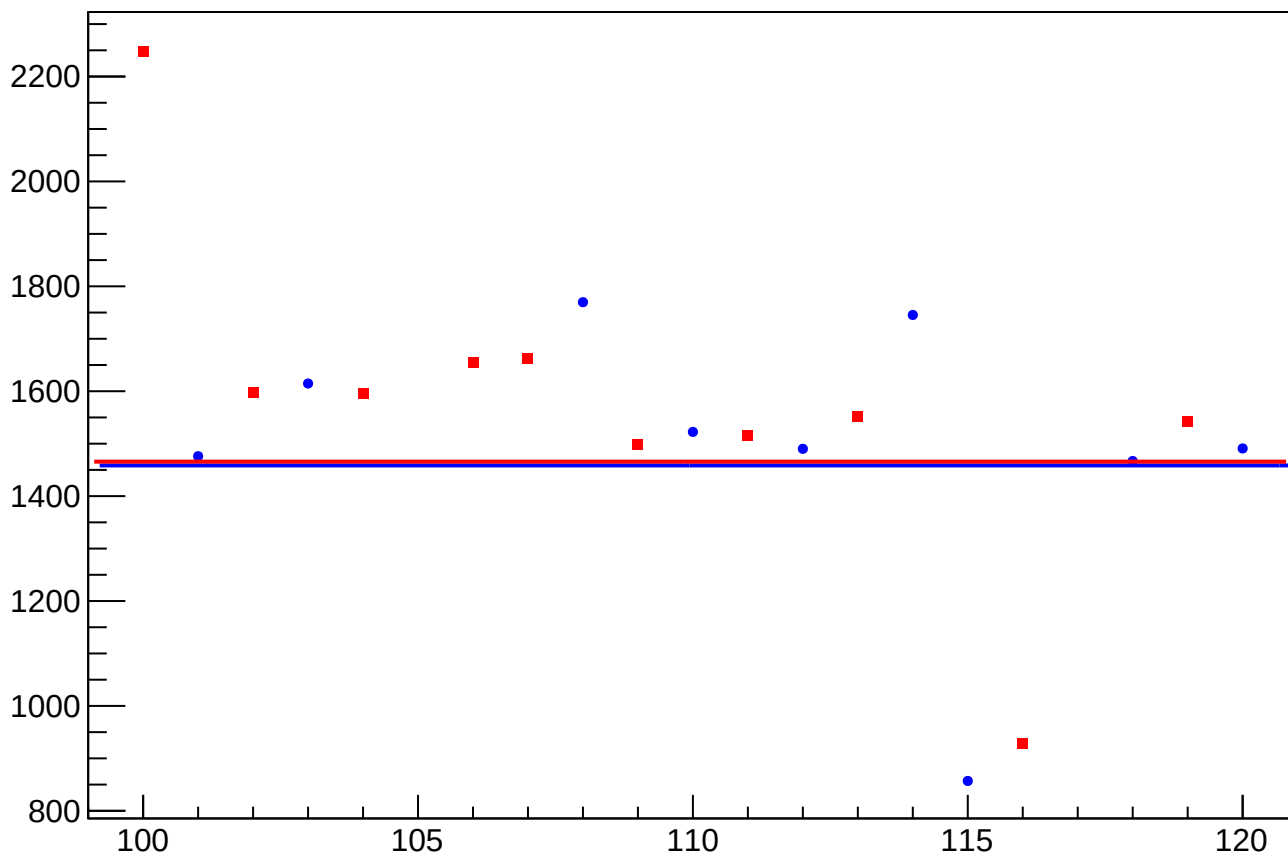
Right: 526.651+/-533.714 χ^2 /NDF: 16.0/18

In: -334.682+/-771.244 χ^2 /NDF:7.6/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 526.651+/-533.714 χ^2 /NDF: 16.0/18

asym_sam_3726_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1458.513+/-0.545 χ^2/NDF : 183841.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1465.758+/-0.523 χ^2/NDF : 225309.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

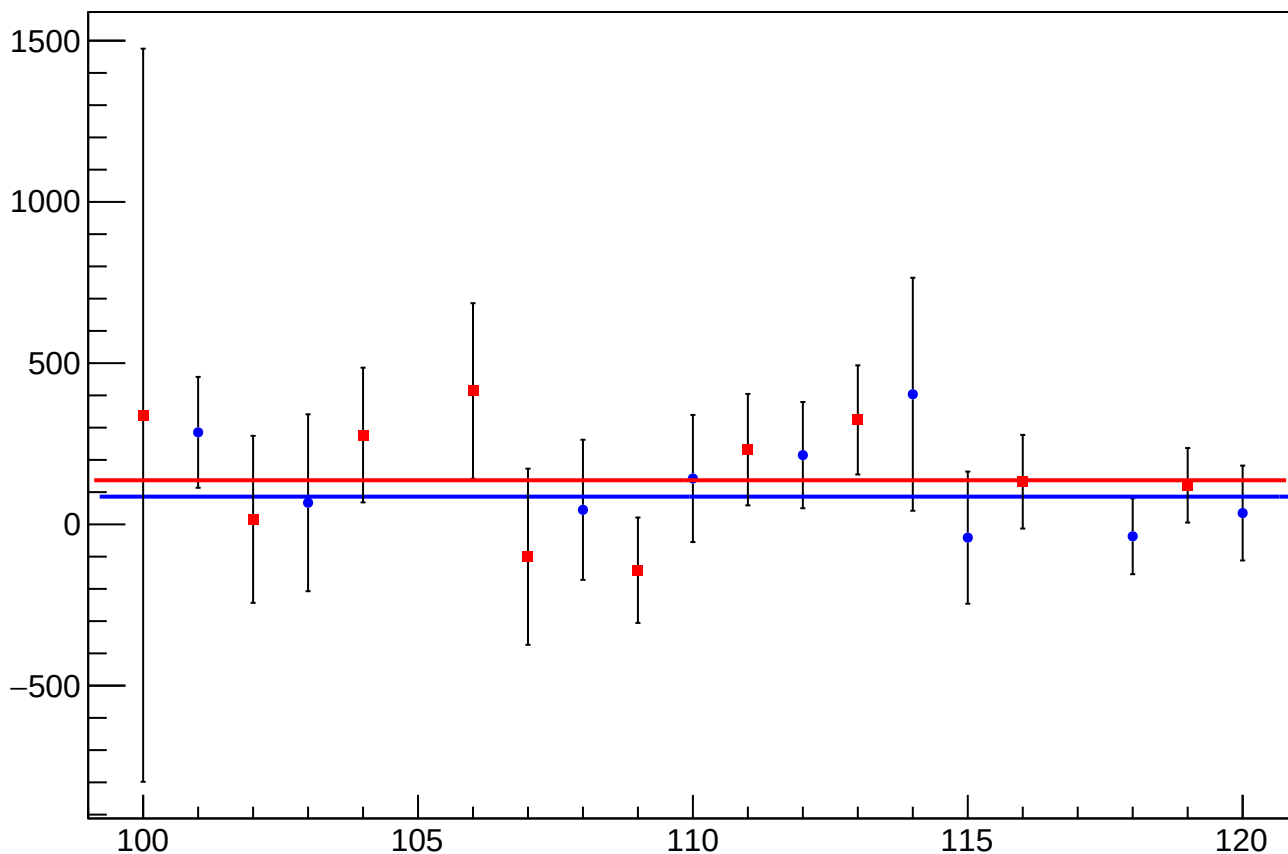
Right: 1462.289+/-0.377 χ^2/NDF : 409242.8/18

In: 1458.513+/-0.545 χ^2/NDF : 183841.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1462.289+/-0.377 χ^2/NDF : 409242.8/18

eigen_cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 86.058 $\pm$ 59.674 χ^2 /NDF: 4.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 136.863 $\pm$ 58.356 χ^2 /NDF: 7.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

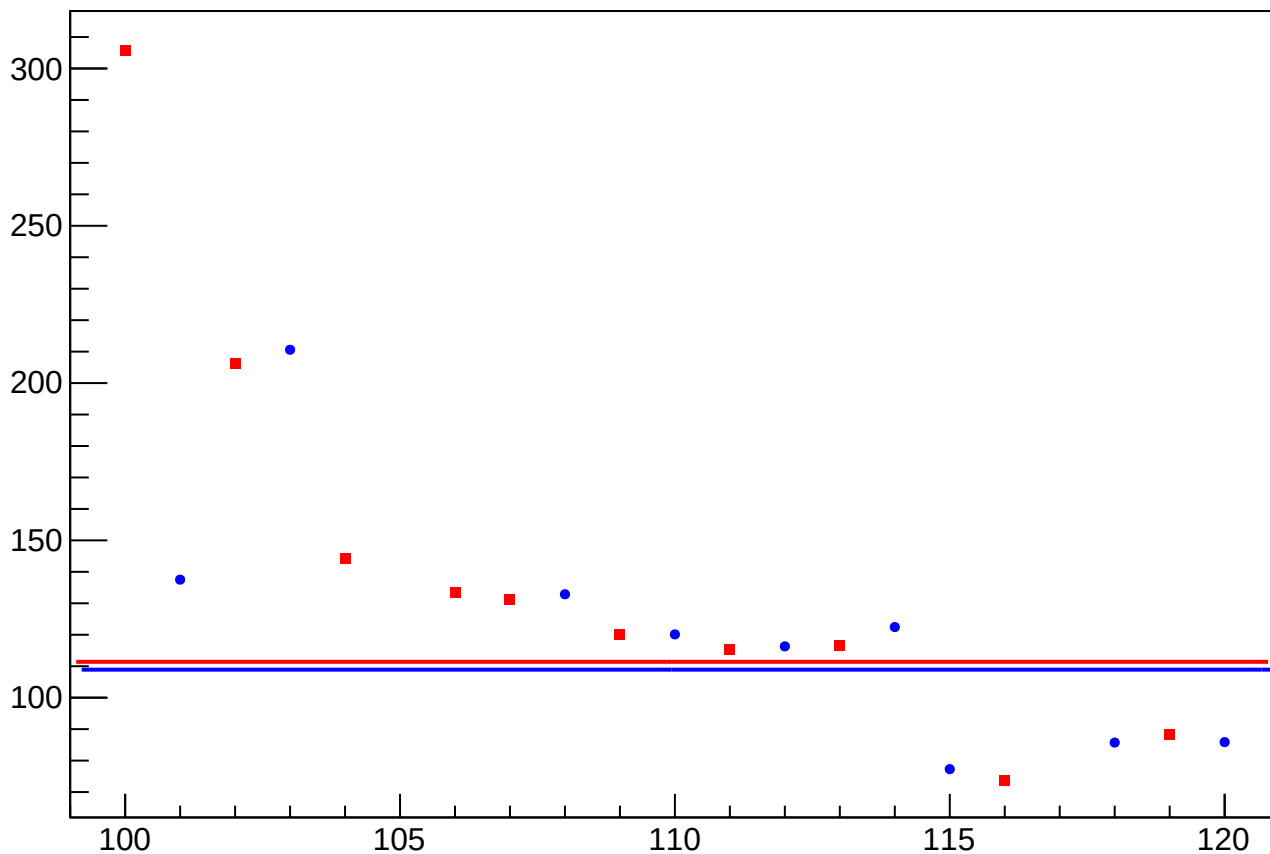
Right: 112.027 $\pm$ 41.722 χ^2 /NDF: 11.8/18

In: 86.058 $\pm$ 59.674 χ^2 /NDF:4.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 112.027 $\pm$ 41.722 χ^2 /NDF: 11.8/18

eigen_cor_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 108.909+/-0.042 χ^2/NDF : 542176.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.400+/-0.041 χ^2/NDF : 623140.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

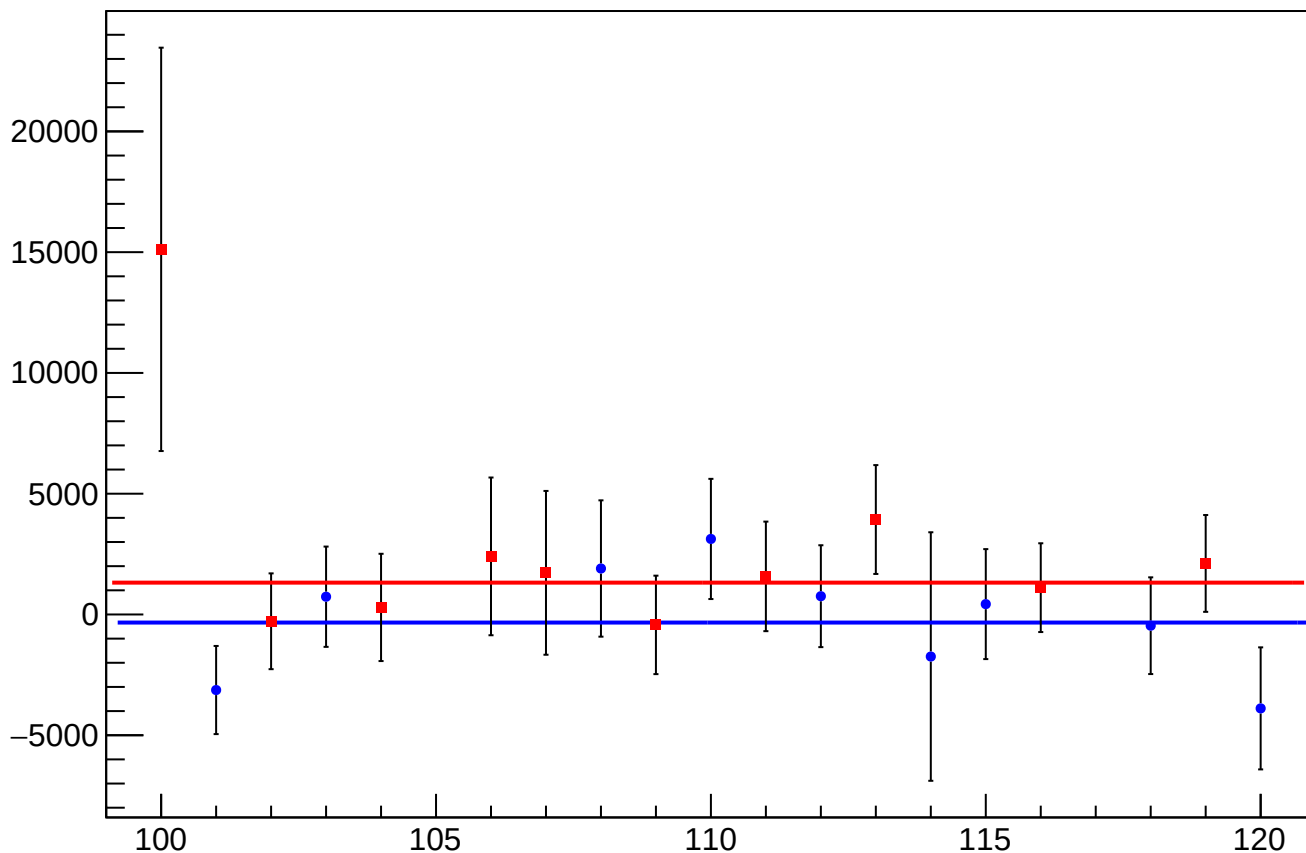
Right: 110.182+/-0.030 χ^2/NDF : 1167098.4/18

In: 108.909+/-0.042 χ^2/NDF : 542176.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.182+/-0.030 χ^2/NDF : 1167098.4/18

asym_sam_3726_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -334.682+/-771.244 χ^2/NDF : 7.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1318.188+/-739.337 χ^2/NDF : 6.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

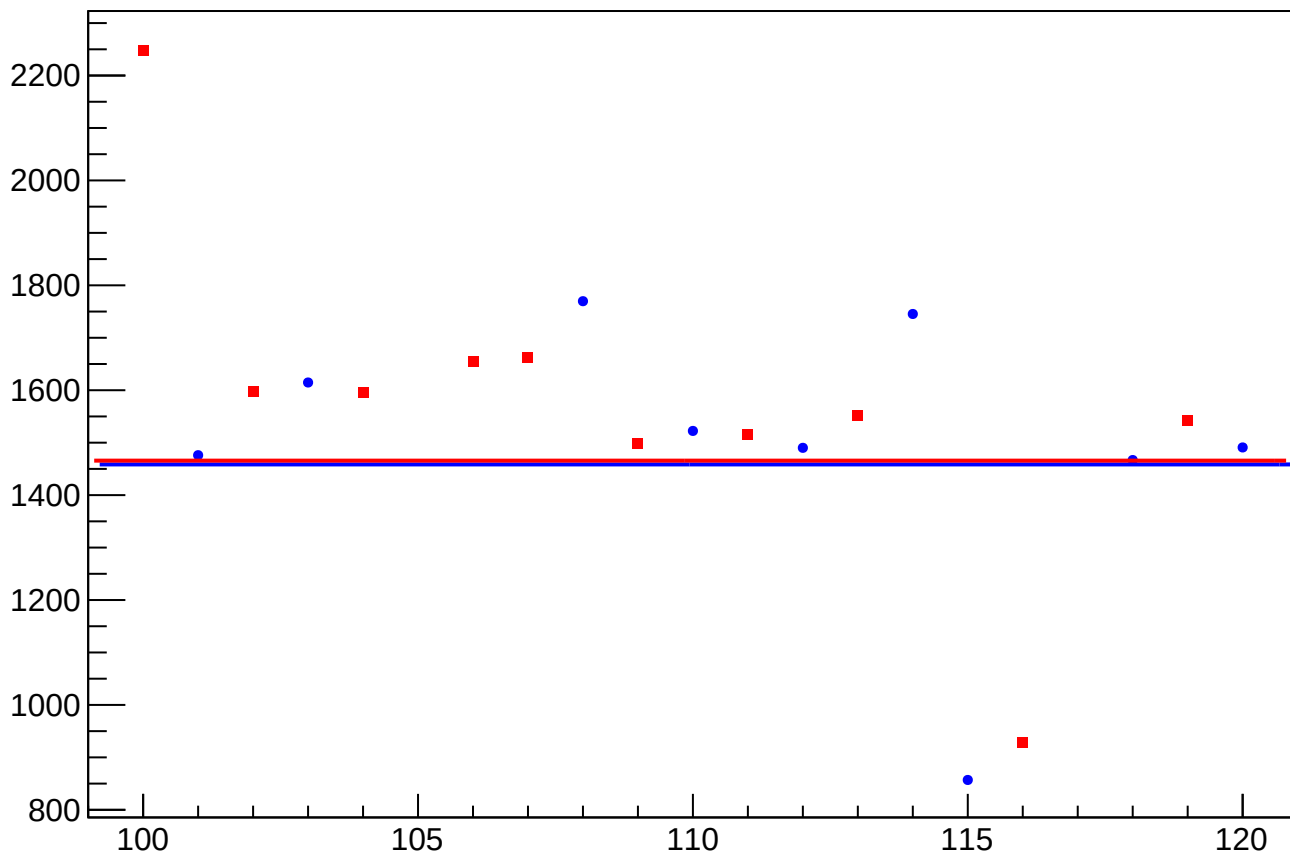
Right: 526.651+/-533.714 χ^2/NDF : 16.0/18

In: -334.682+/-771.244 χ^2/NDF : 7.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 526.651+/-533.714 χ^2/NDF : 16.0/18

asym_sam_3726_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1458.513+/-0.545 χ^2/NDF : 183841.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1465.758+/-0.523 χ^2/NDF : 225309.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

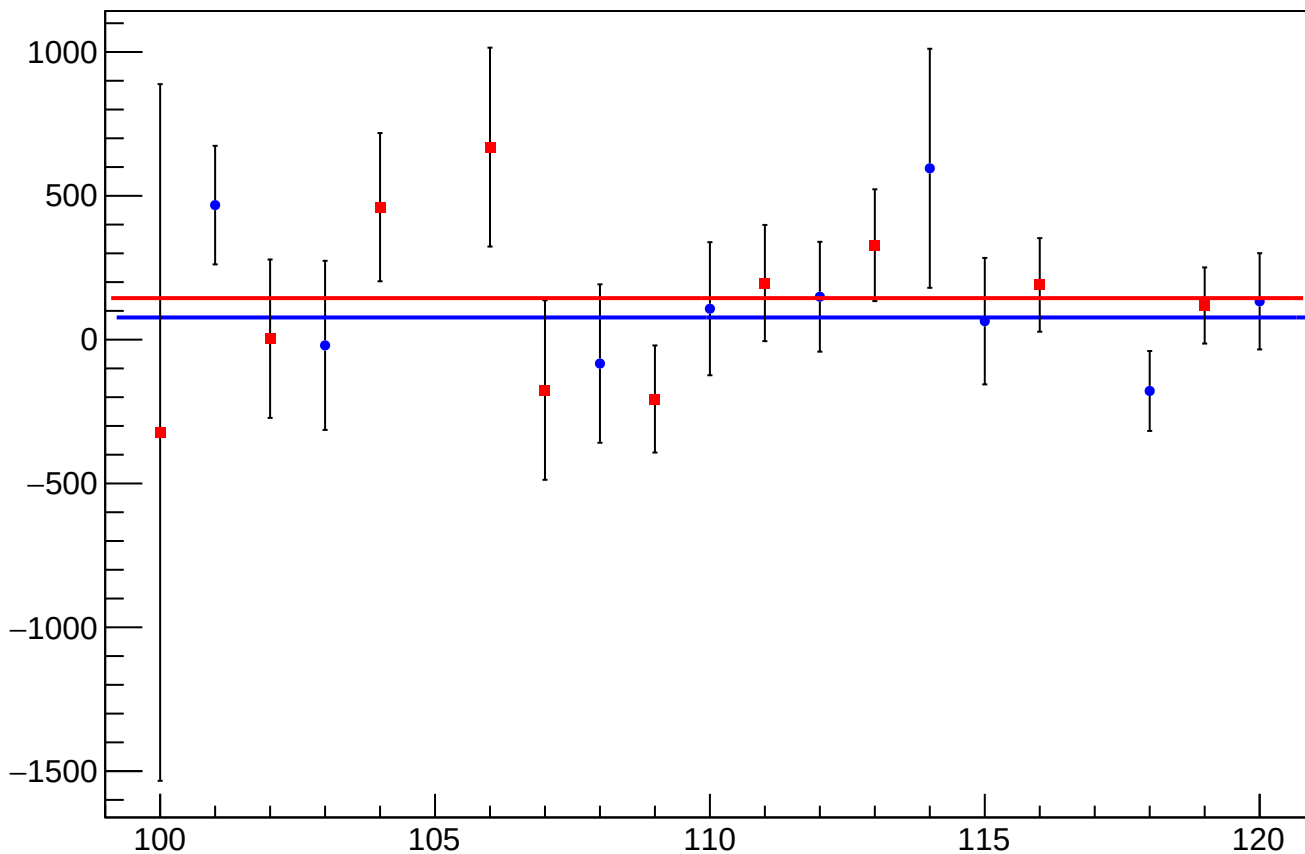
Right: 1462.289+/-0.377 χ^2/NDF : 409242.8/18

In: 1458.513+/-0.545 χ^2/NDF : 183841.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1462.289+/-0.377 χ^2/NDF : 409242.8/18

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 77.141+/-69.257 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.385+/-67.078 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

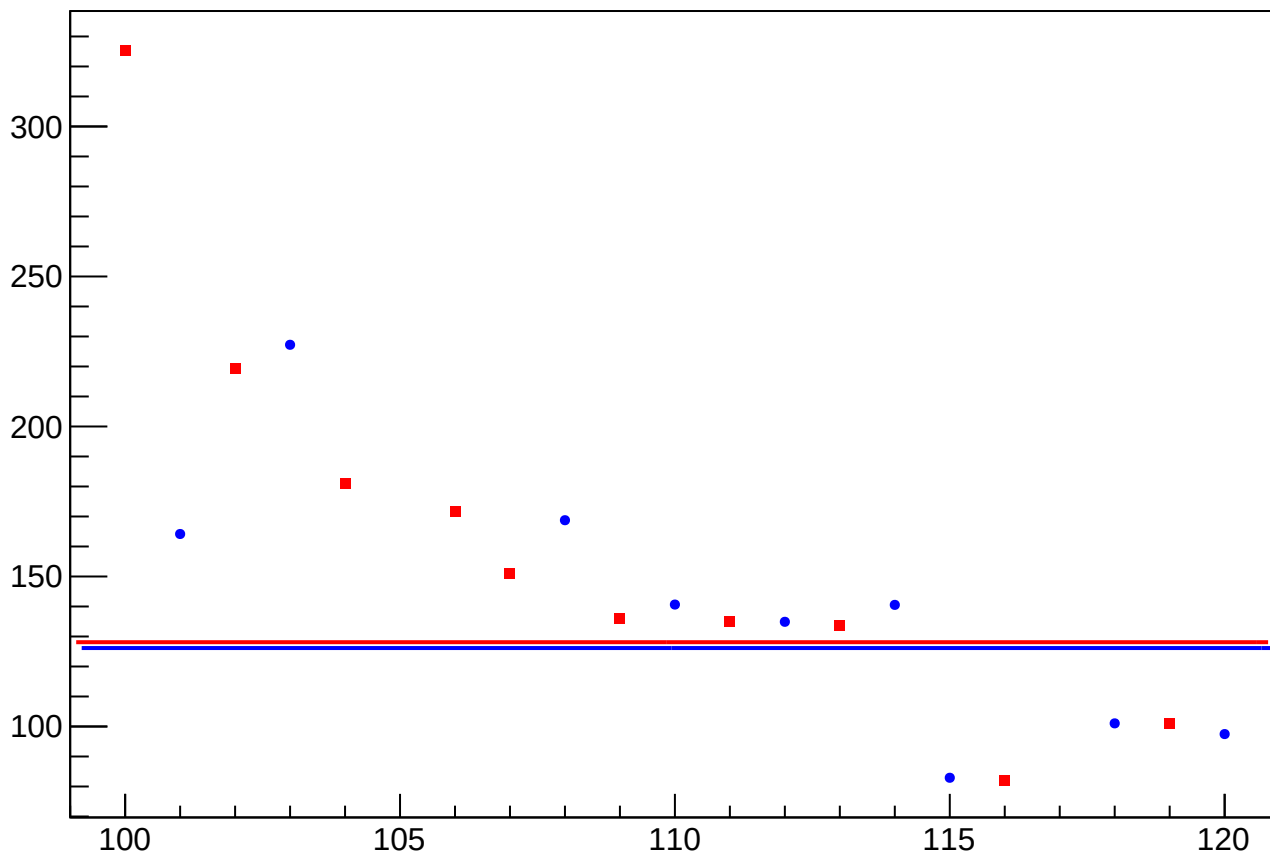
Right: 111.838+/-48.183 χ^2/NDF : 19.6/18

In: 77.141+/-69.257 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.838+/-48.183 χ^2/NDF : 19.6/18

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 126.150+/-0.049 χ^2/NDF : 568340.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.098+/-0.047 χ^2/NDF : 651529.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

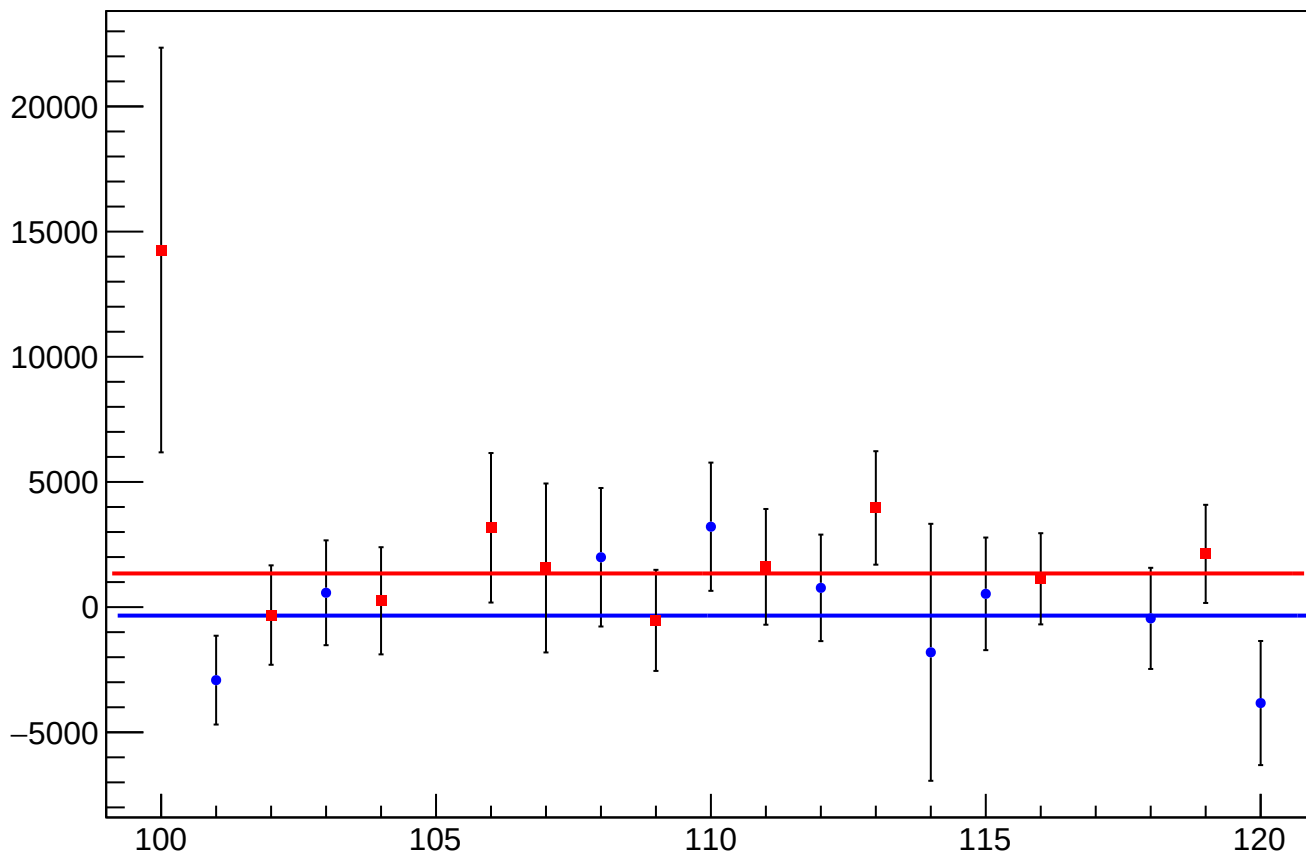
Right: 127.155+/-0.034 χ^2/NDF : 1220687.4/18

In: 126.150+/-0.049 χ^2/NDF : 568340.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.155+/-0.034 χ^2/NDF : 1220687.4/18

asym_sam_3726_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -338.712+/-768.483 χ^2/NDF : 7.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1344.847+/-730.097 χ^2/NDF : 6.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

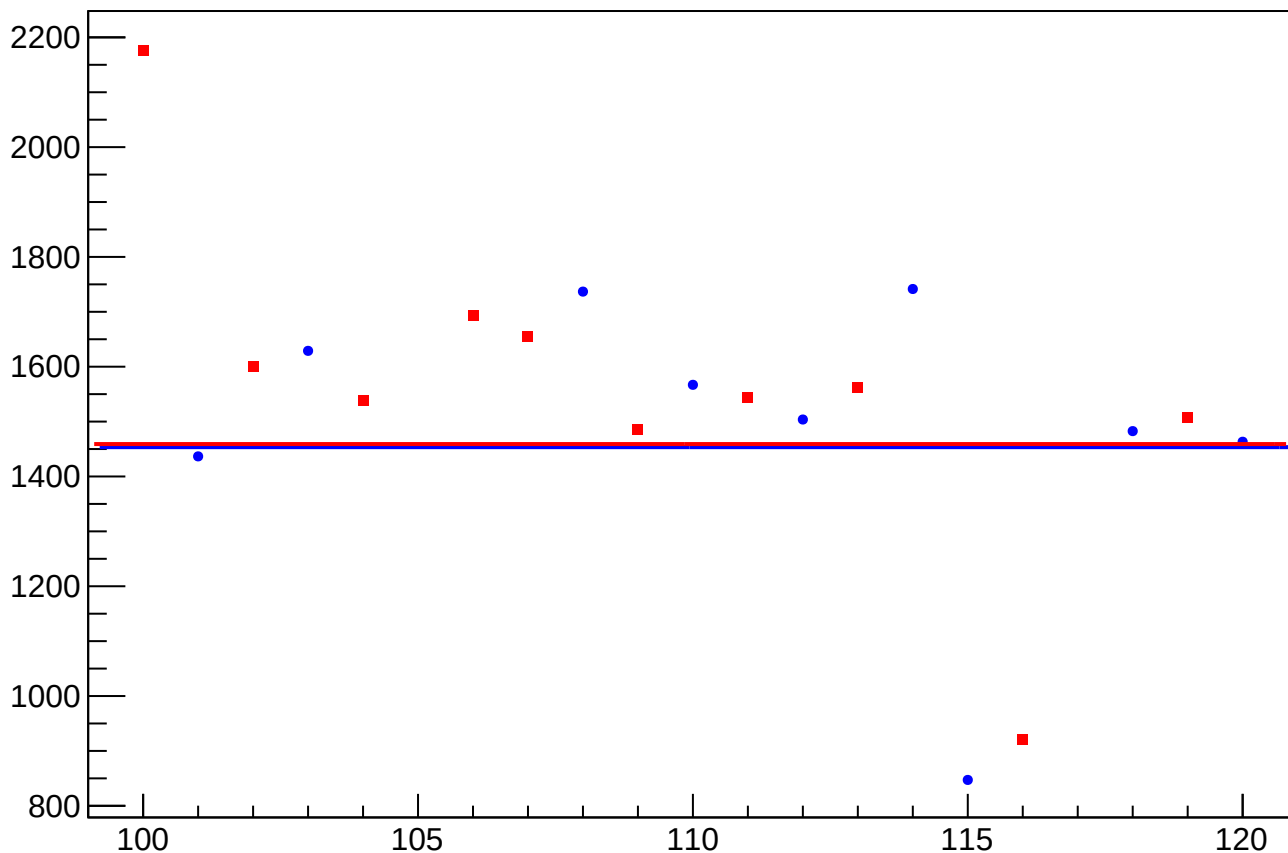
Right: 546.163+/-529.307 χ^2/NDF : 16.2/18

In: -338.712+/-768.483 χ^2/NDF : 7.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 546.163+/-529.307 χ^2/NDF : 16.2/18

asym_sam_3726_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1453.410+/-0.543 χ^2/NDF : 192336.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1459.064+/-0.516 χ^2/NDF : 230840.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

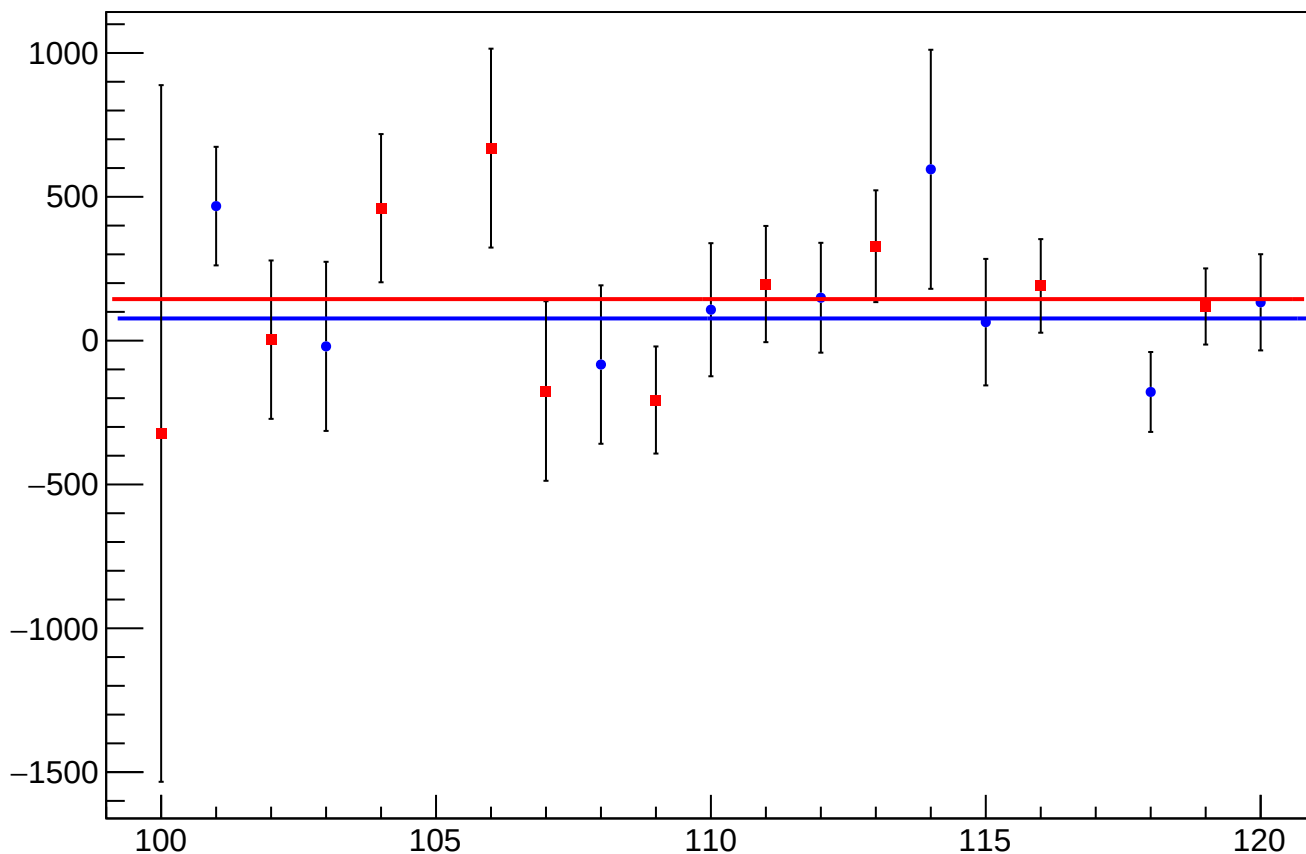
Right: 1456.382+/-0.374 χ^2/NDF : 423234.0/18

In: 1453.410+/-0.543 χ^2/NDF : 192336.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1456.382+/-0.374 χ^2/NDF : 423234.0/18

eigen_dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 77.141+/-69.257 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.382+/-67.078 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

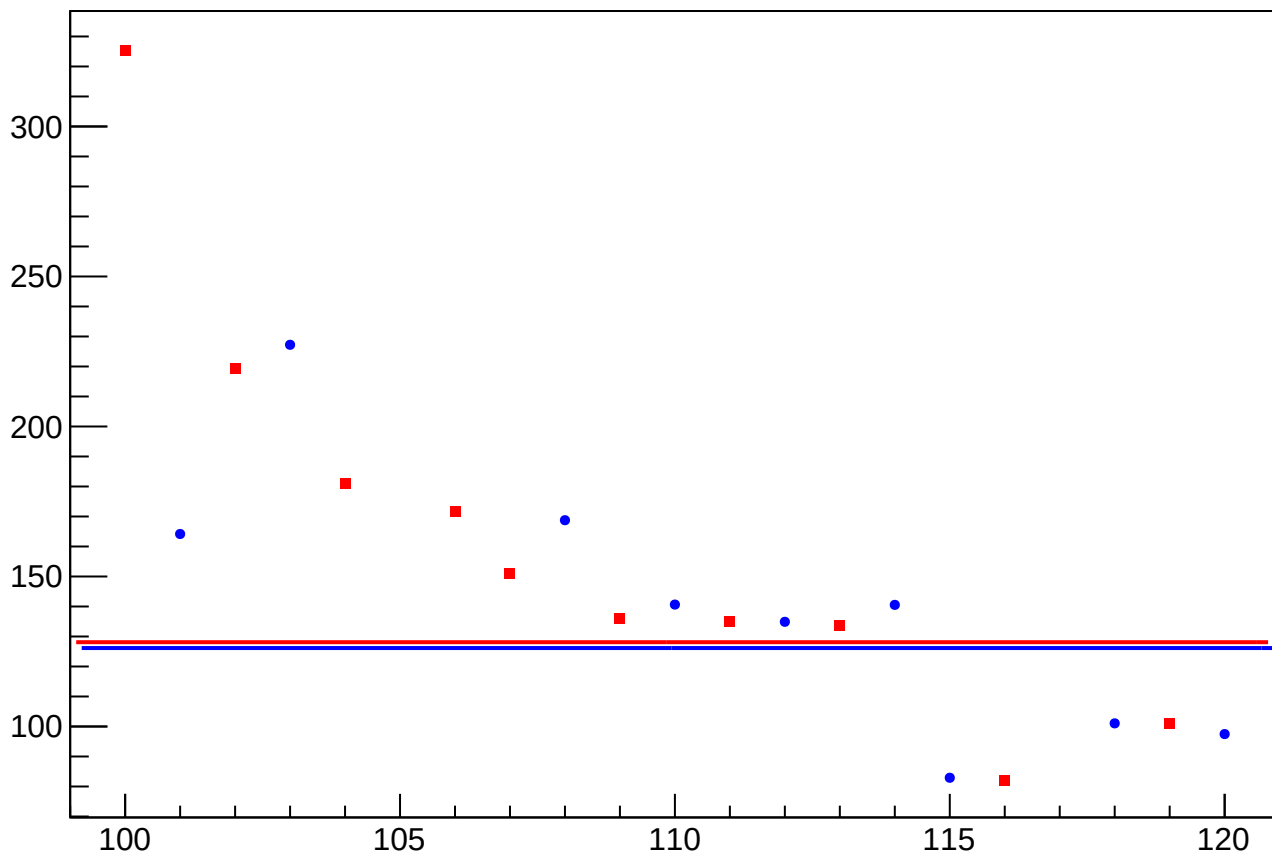
Right: 111.836+/-48.183 χ^2/NDF : 19.6/18

In: 77.141+/-69.257 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.836+/-48.183 χ^2/NDF : 19.6/18

eigen_dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 126.150+/-0.049 χ^2/NDF : 568335.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 128.099+/-0.047 χ^2/NDF : 651524.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

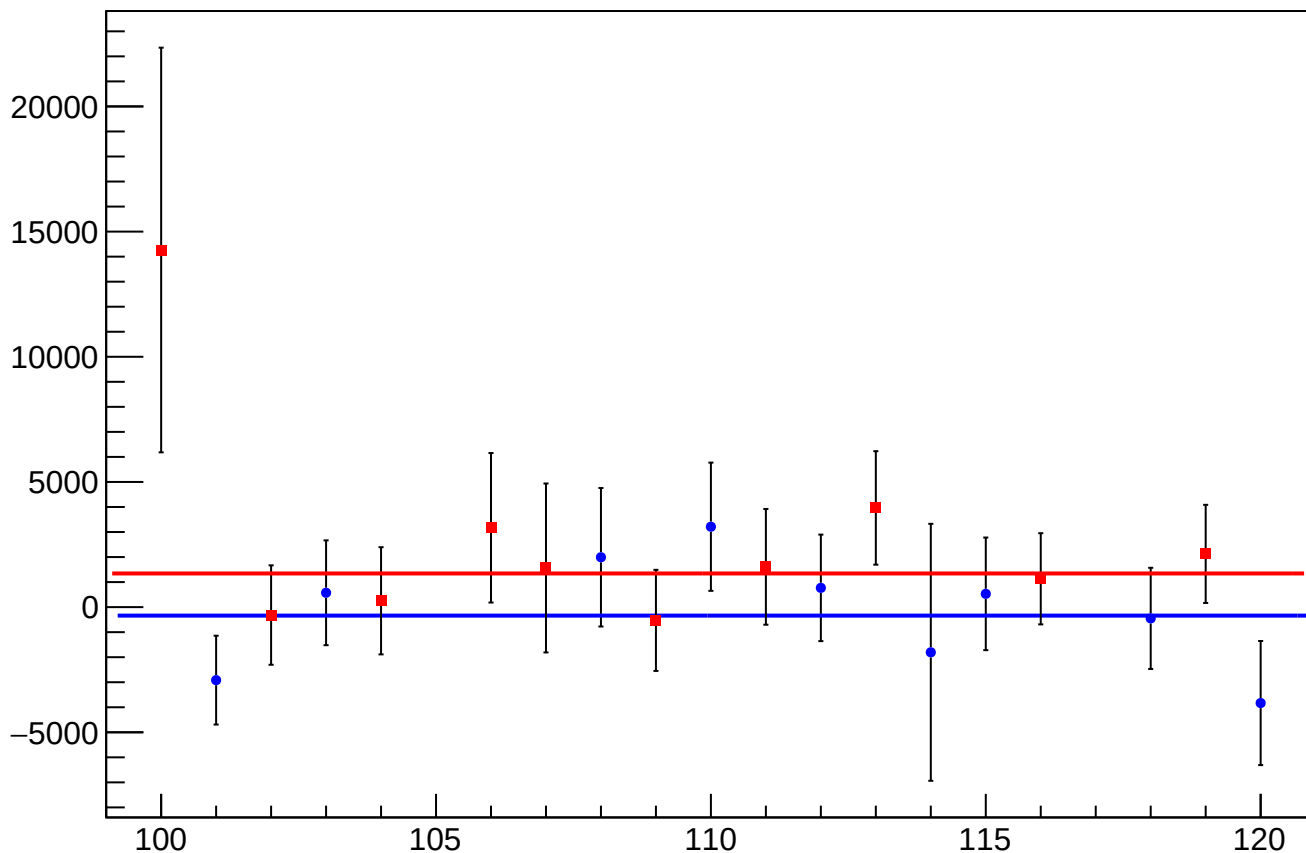
Right: 127.155+/-0.034 χ^2/NDF : 1220676.5/18

In: 126.150+/-0.049 χ^2/NDF :568335.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 127.155+/-0.034 χ^2/NDF : 1220676.5/18

asym_sam_3726_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -338.709+/-768.481 χ^2/NDF : 7.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1344.844+/-730.095 χ^2/NDF : 6.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

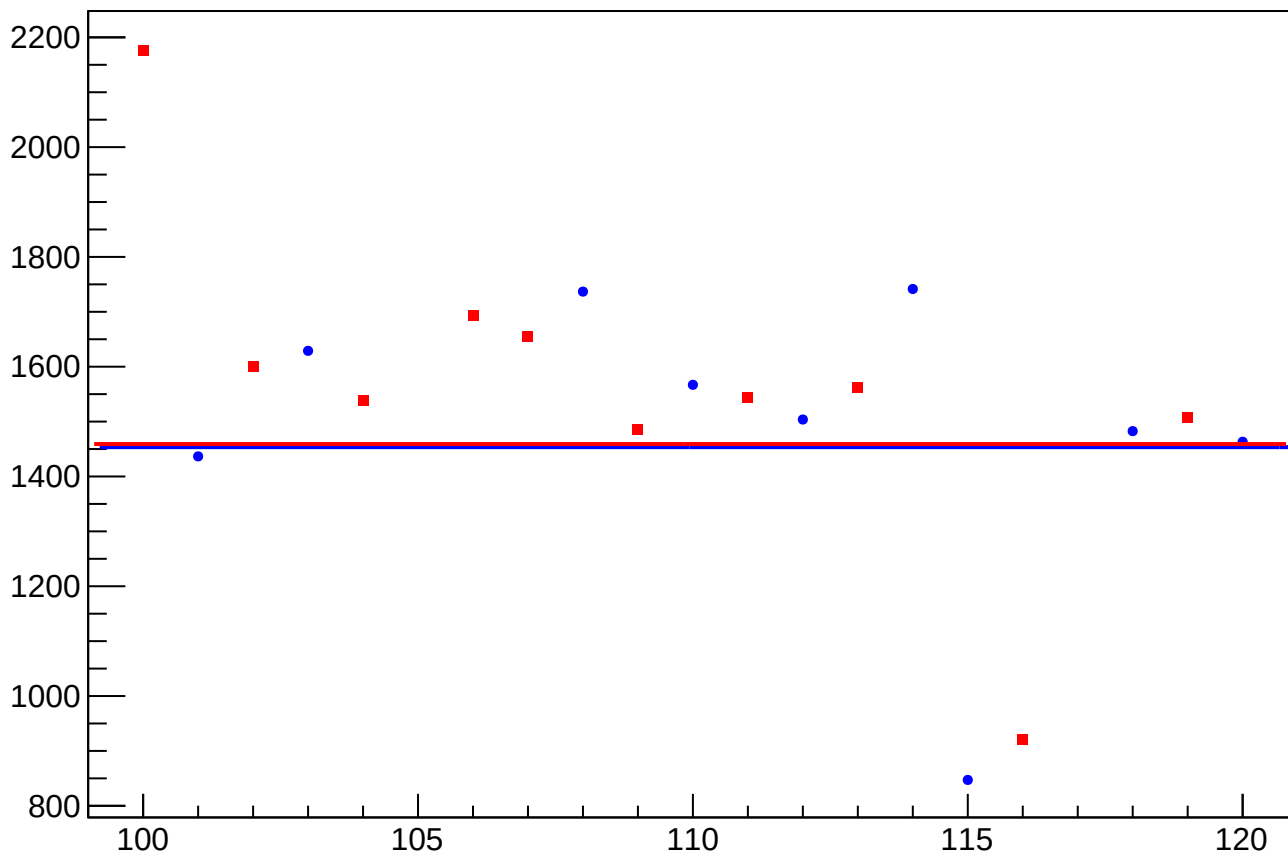
Right: 546.163+/-529.305 χ^2/NDF : 16.2/18

In: -338.709+/-768.481 χ^2/NDF : 7.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 546.163+/-529.305 χ^2/NDF : 16.2/18

asym_sam_3726_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1453.407+/-0.543 χ^2/NDF : 192332.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1459.061+/-0.516 χ^2/NDF : 230837.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

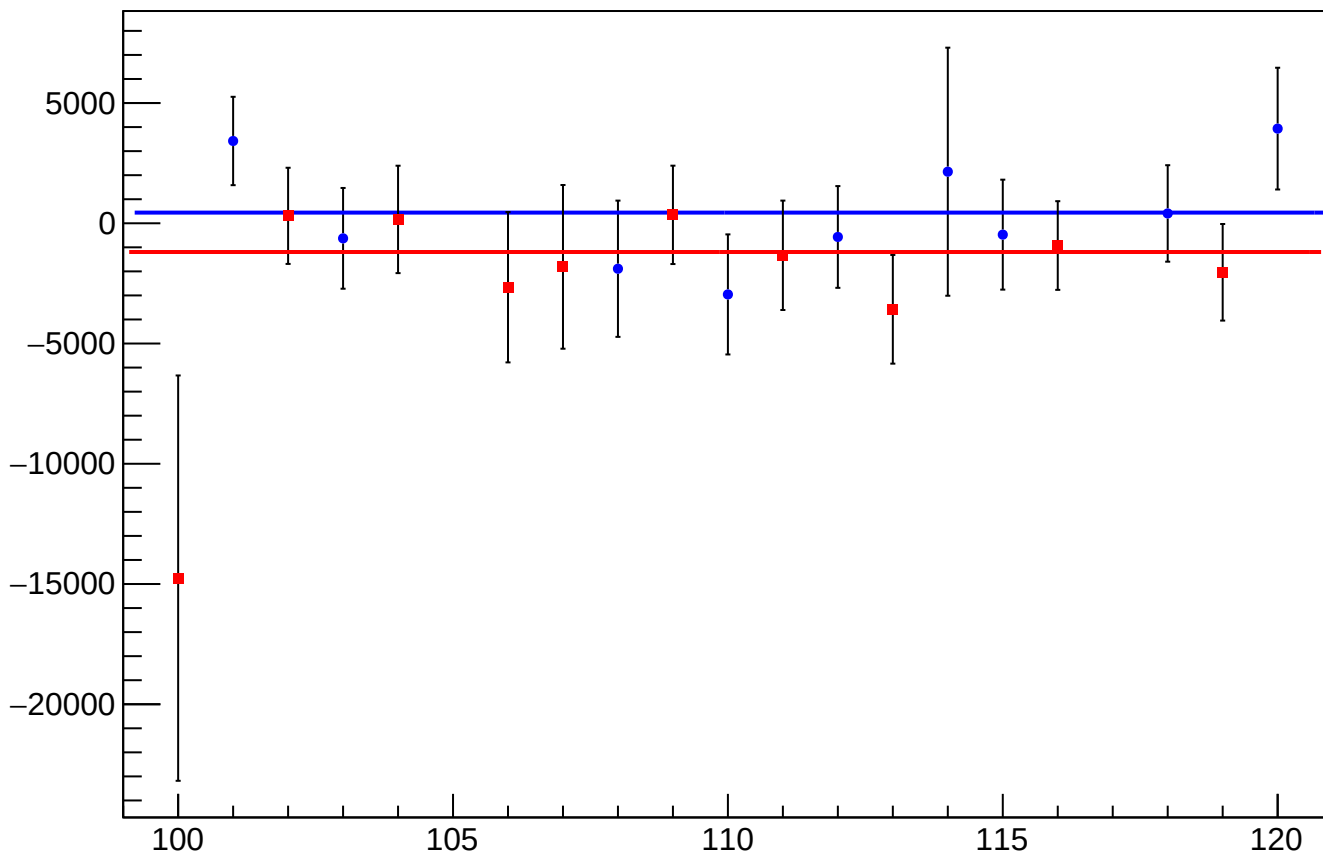
Right: 1456.379+/-0.374 χ^2/NDF : 423226.8/18

In: 1453.407+/-0.543 χ^2/NDF : 192332.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1456.379+/-0.374 χ^2/NDF : 423226.8/18

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 444.020+/-774.698 χ^2/NDF : 7.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1194.298+/-740.481 χ^2/NDF : 5.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

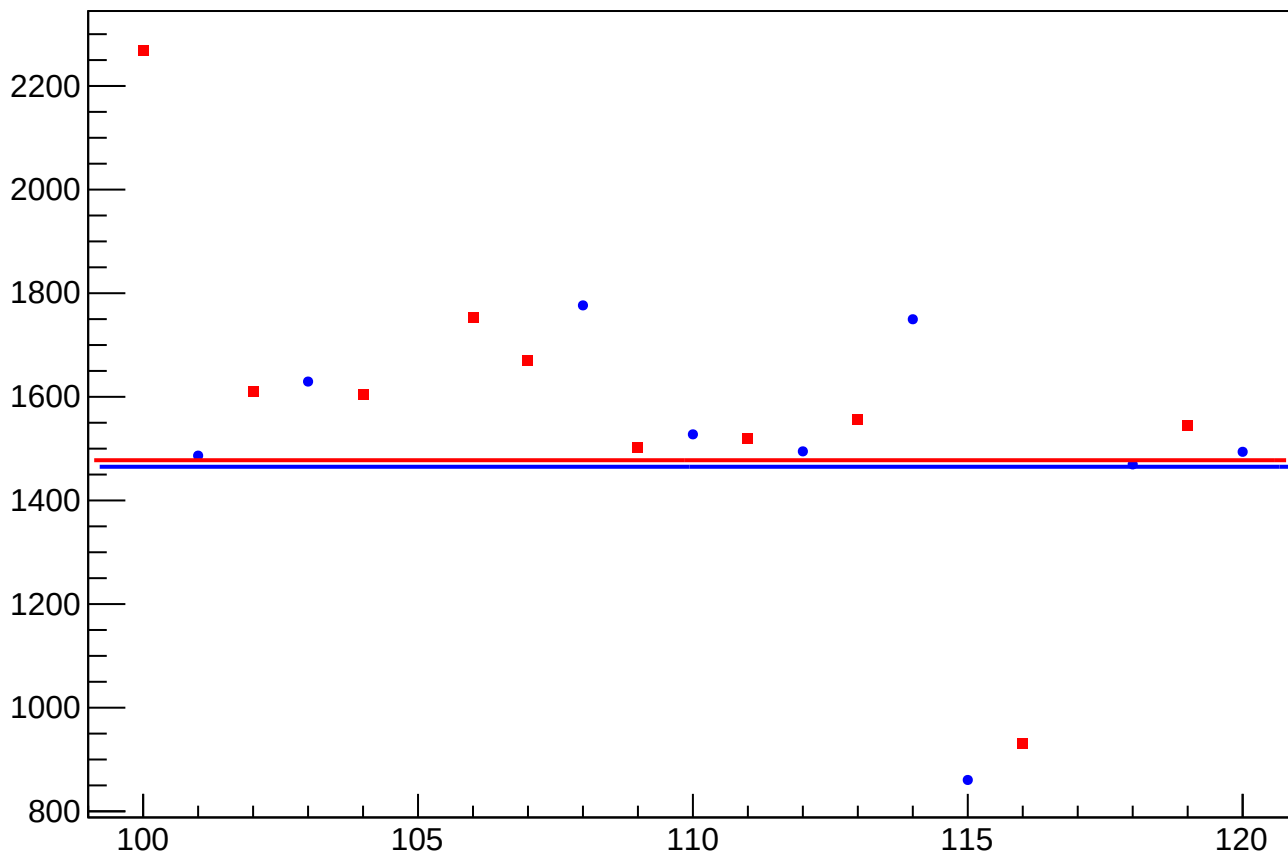
Right: -412.118+/-535.287 χ^2/NDF : 15.8/18

In: 444.020+/-774.698 χ^2/NDF : 7.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -412.118+/-535.287 χ^2/NDF : 15.8/18

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 1465.023+/-0.548 χ^2/NDF : 184656.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1477.656+/-0.524 χ^2/NDF : 236204.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

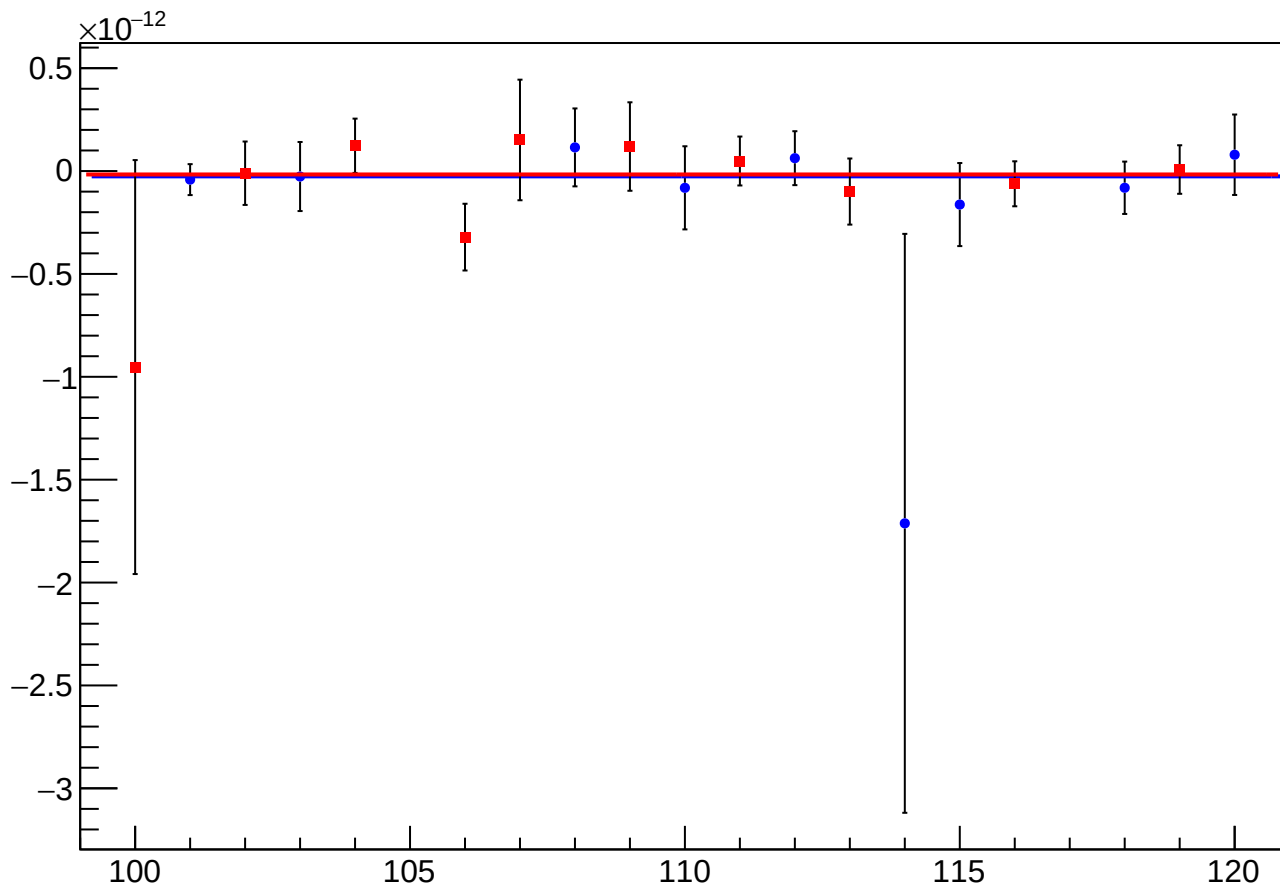
Right: 1471.625+/-0.379 χ^2/NDF : 421138.8/18

In: 1465.023+/-0.548 χ^2/NDF : 184656.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1471.625+/-0.379 χ^2/NDF : 421138.8/18

asym_sam_3726_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 3.5/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 7.0/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

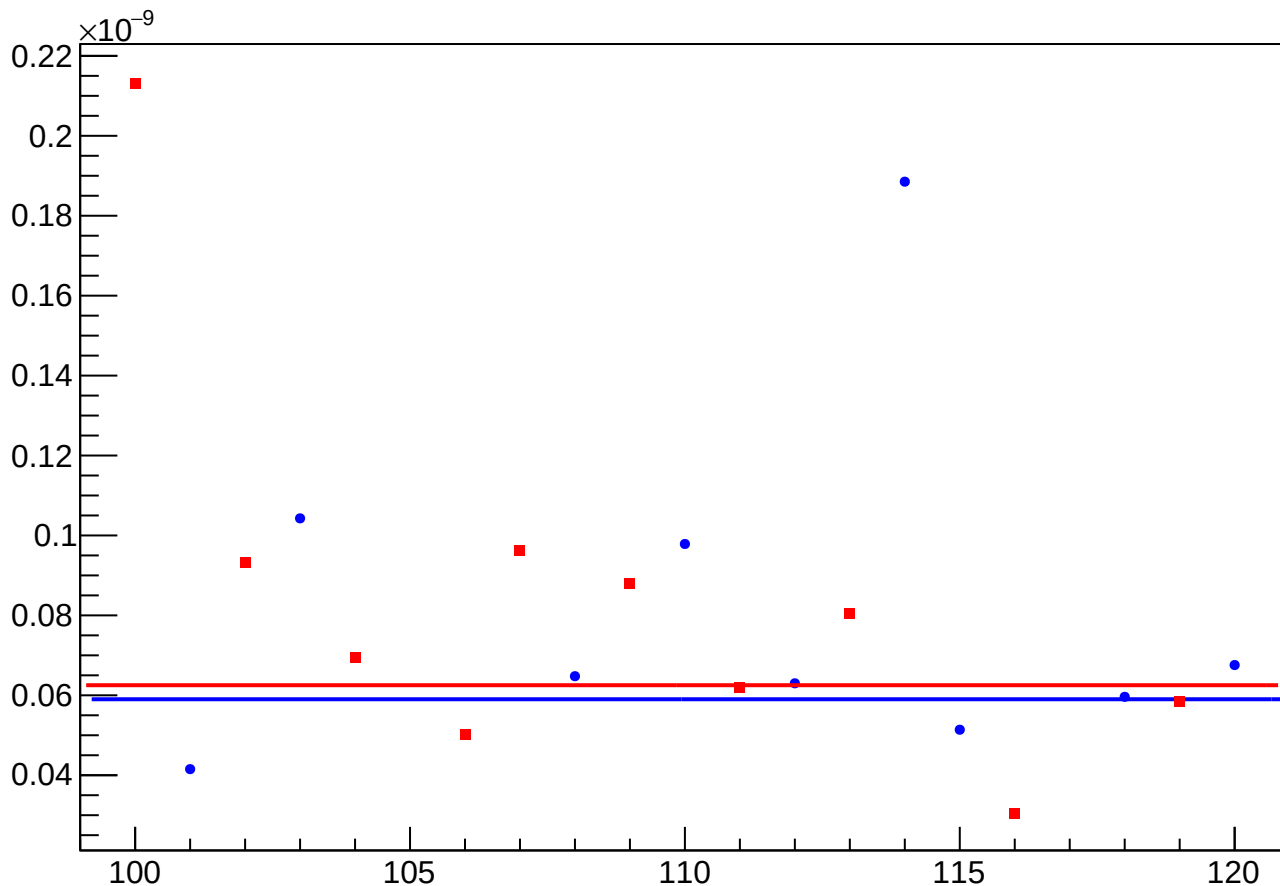
Right: -0.000+/-0.000 χ^2 /NDF: 10.5/18

In: -0.000+/-0.000 χ^2 /NDF:3.5/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 10.5/18

asym_sam_3726_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 354978.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 395538.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

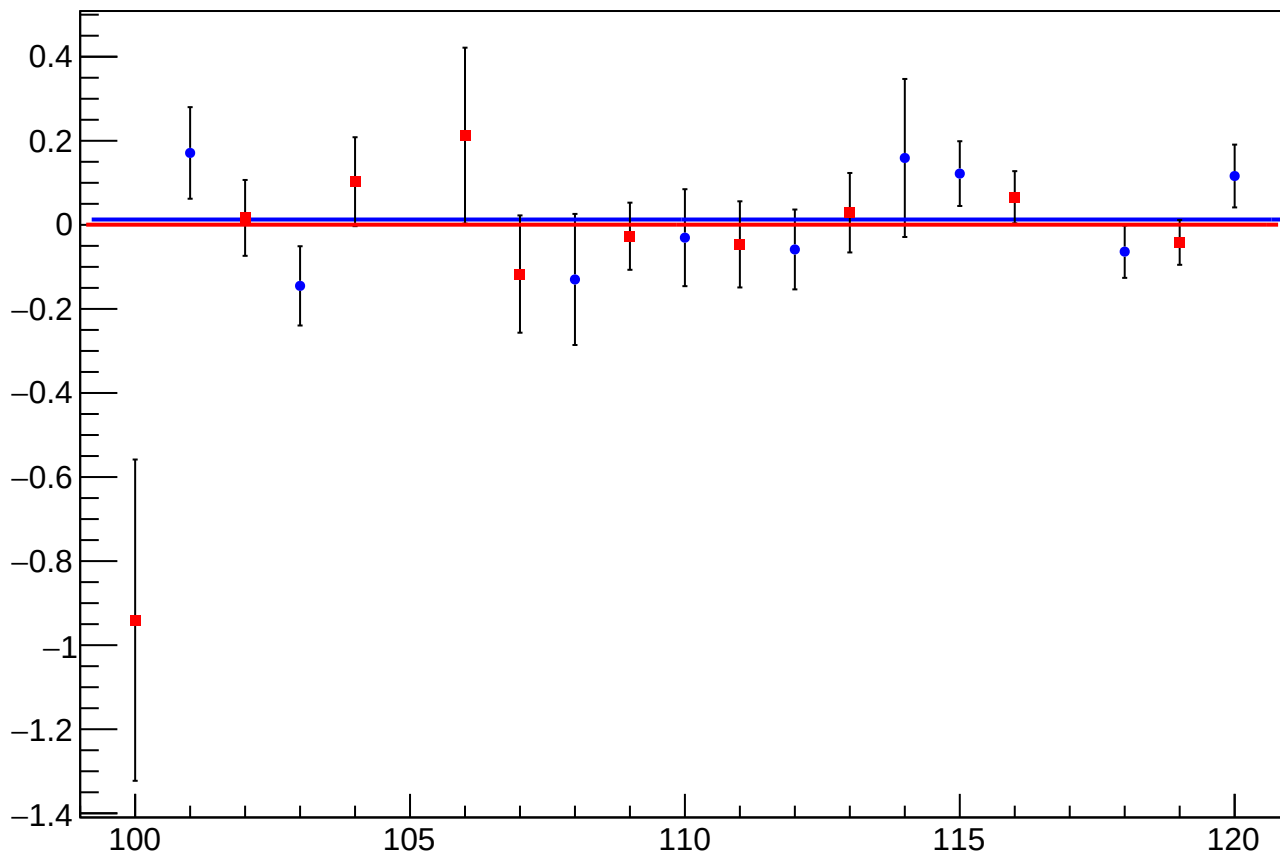
Right: 0.000+/-0.000 χ^2/NDF : 755899.5/18

In: 0.000+/-0.000 χ^2/NDF : 354978.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 755899.5/18

asym_sam_3726_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.031 χ^2 /NDF: 12.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.028 χ^2 /NDF: 10.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

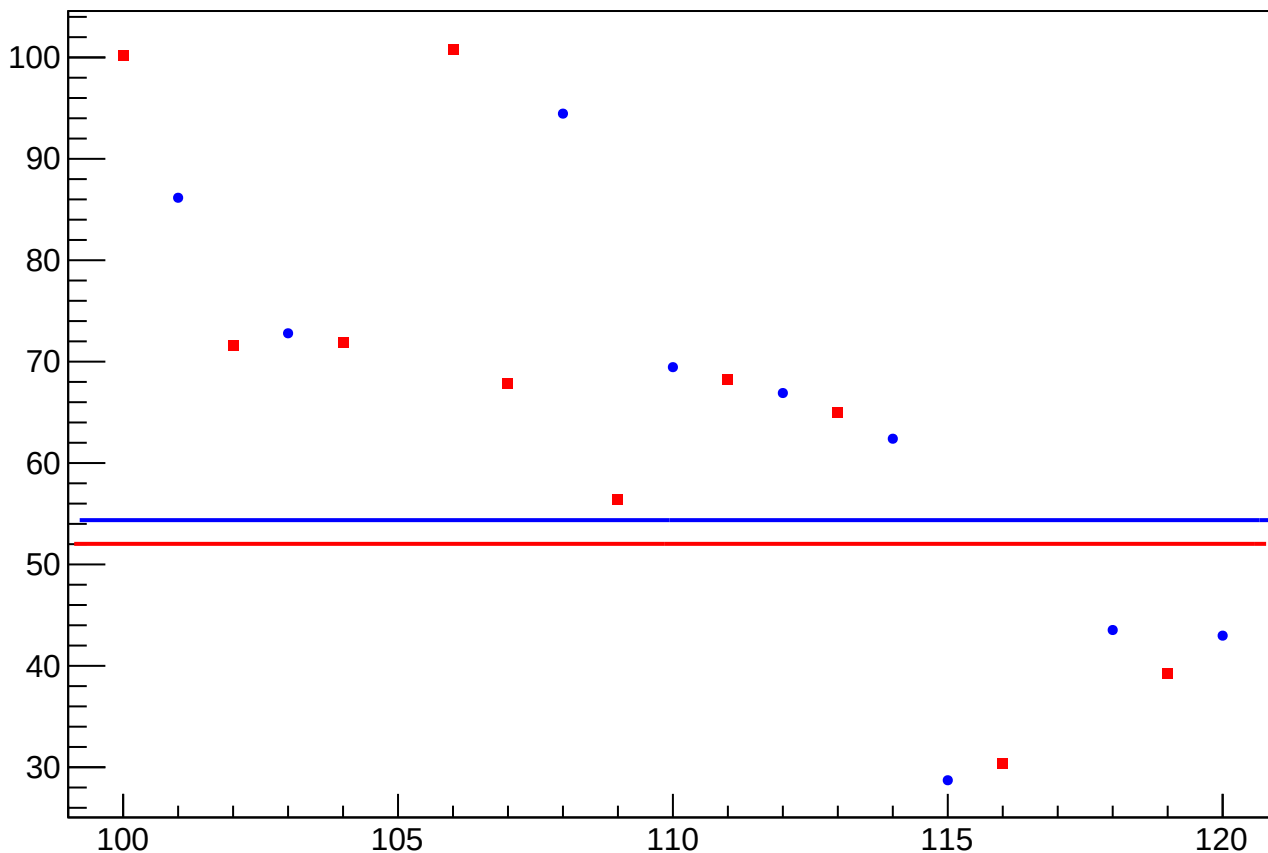
Right: 0.006 $\pm$ 0.021 χ^2 /NDF: 23.5/18

In: 0.013 $\pm$ 0.031 χ^2 /NDF:12.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.006 $\pm$ 0.021 χ^2 /NDF: 23.5/18

asym_sam_3726_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.369+/-0.022 χ^2/NDF : 780257.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.031+/-0.020 χ^2/NDF : 781433.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

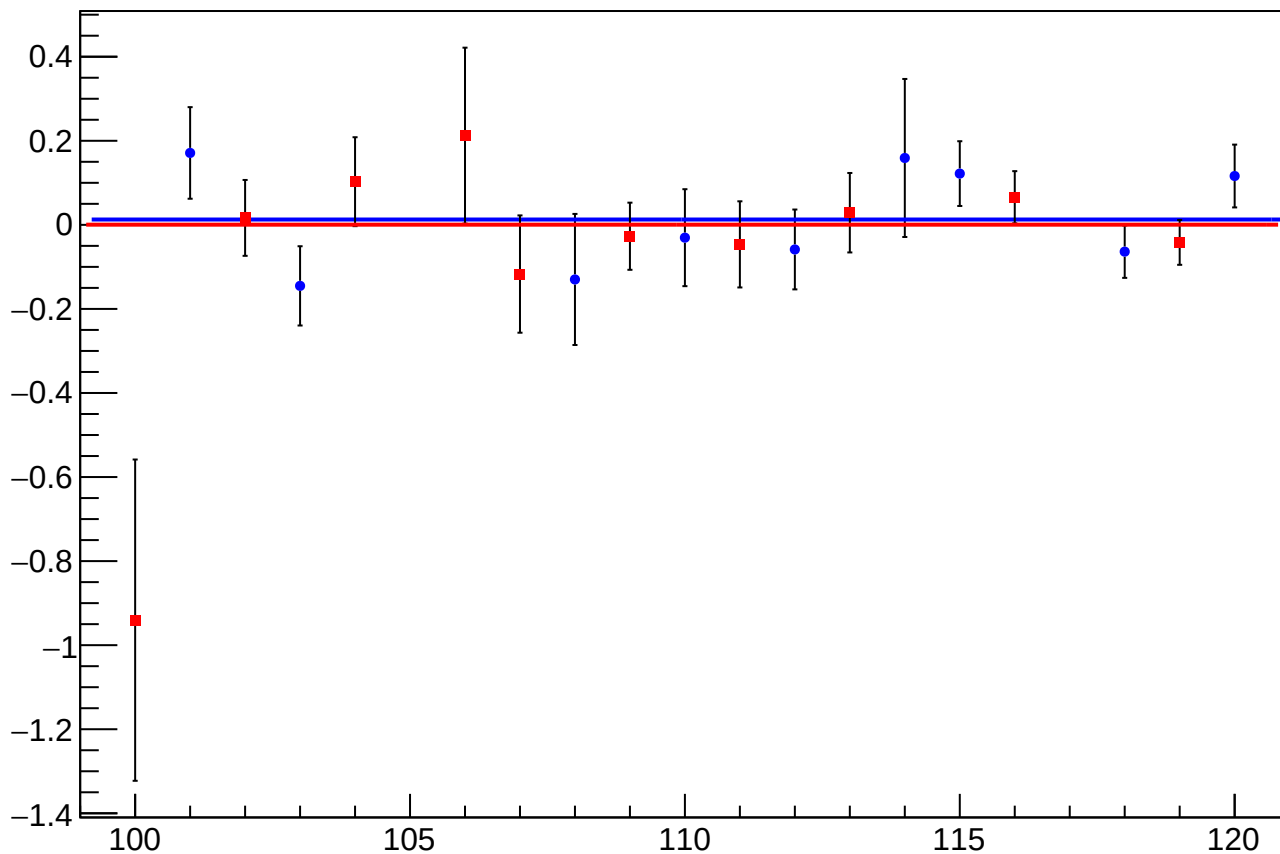
Right: 53.094+/-0.015 χ^2/NDF : 1567993.9/18

In: 54.369+/-0.022 χ^2/NDF : 780257.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.094+/-0.015 χ^2/NDF : 1567993.9/18

asym_sam_3726_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.031 χ^2/NDF : 12.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.028 χ^2/NDF : 10.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

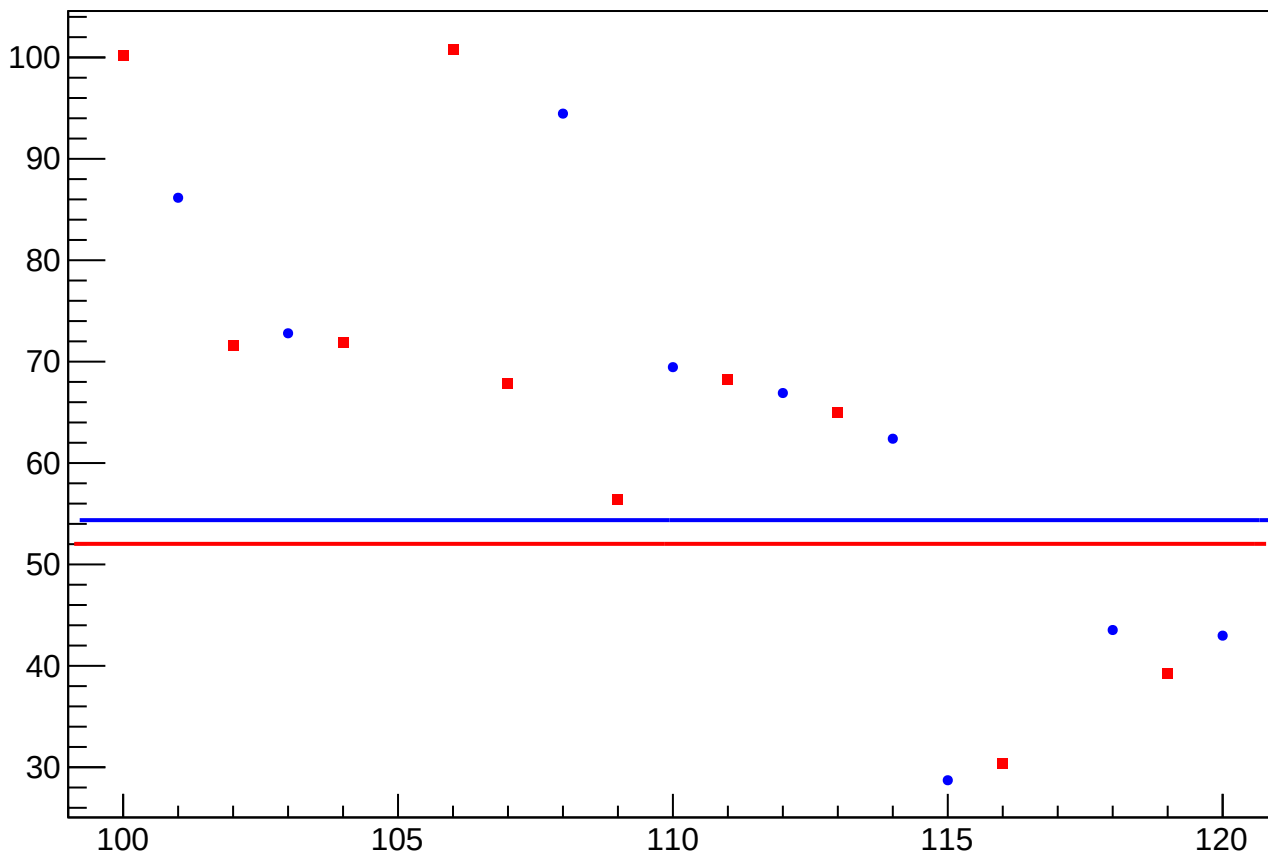
Right: 0.006+/-0.021 χ^2/NDF : 23.5/18

In: 0.013+/-0.031 χ^2/NDF :12.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.021 χ^2/NDF : 23.5/18

asym_sam_3726_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.369+/-0.022 χ^2/NDF : 780257.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.031+/-0.020 χ^2/NDF : 781433.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

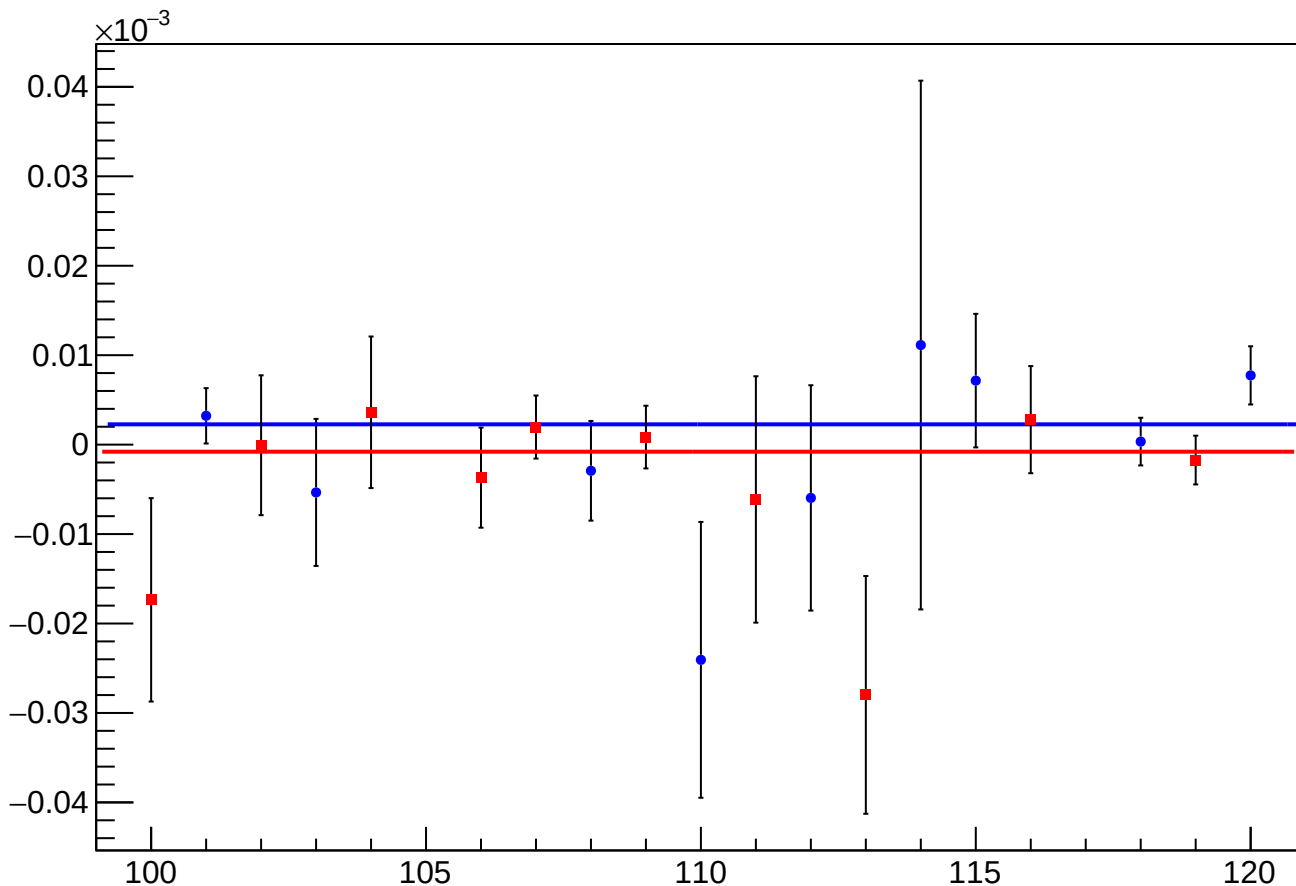
Right: 53.094+/-0.015 χ^2/NDF : 1567993.9/18

In: 54.369+/-0.022 χ^2/NDF : 780257.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.094+/-0.015 χ^2/NDF : 1567993.9/18

asym_sam_3726_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

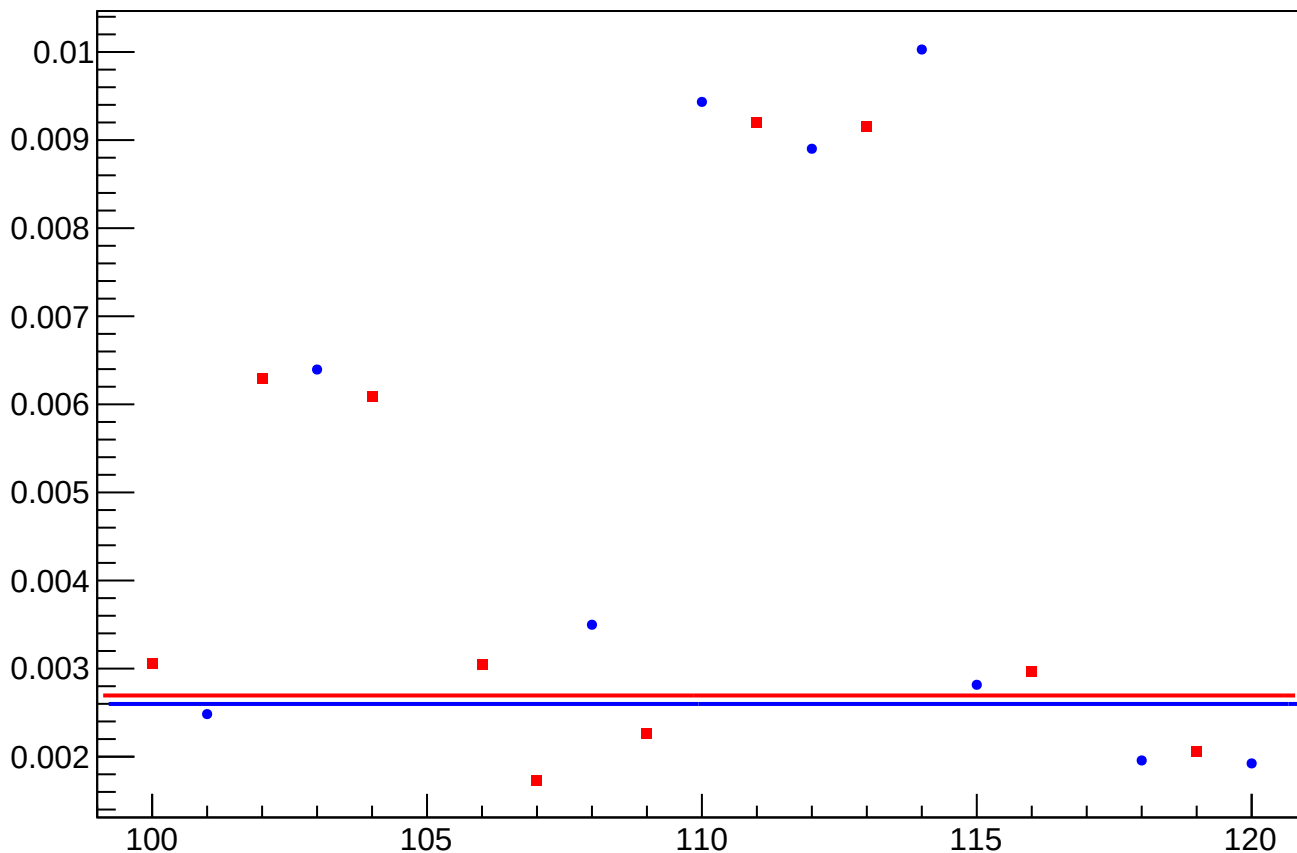
Right: 0.000+/-0.000 χ^2/NDF : 19.3/18

In: 0.000+/-0.000 χ^2/NDF : 9.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.3/18

asym_sam_3726_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1705159.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1967774.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

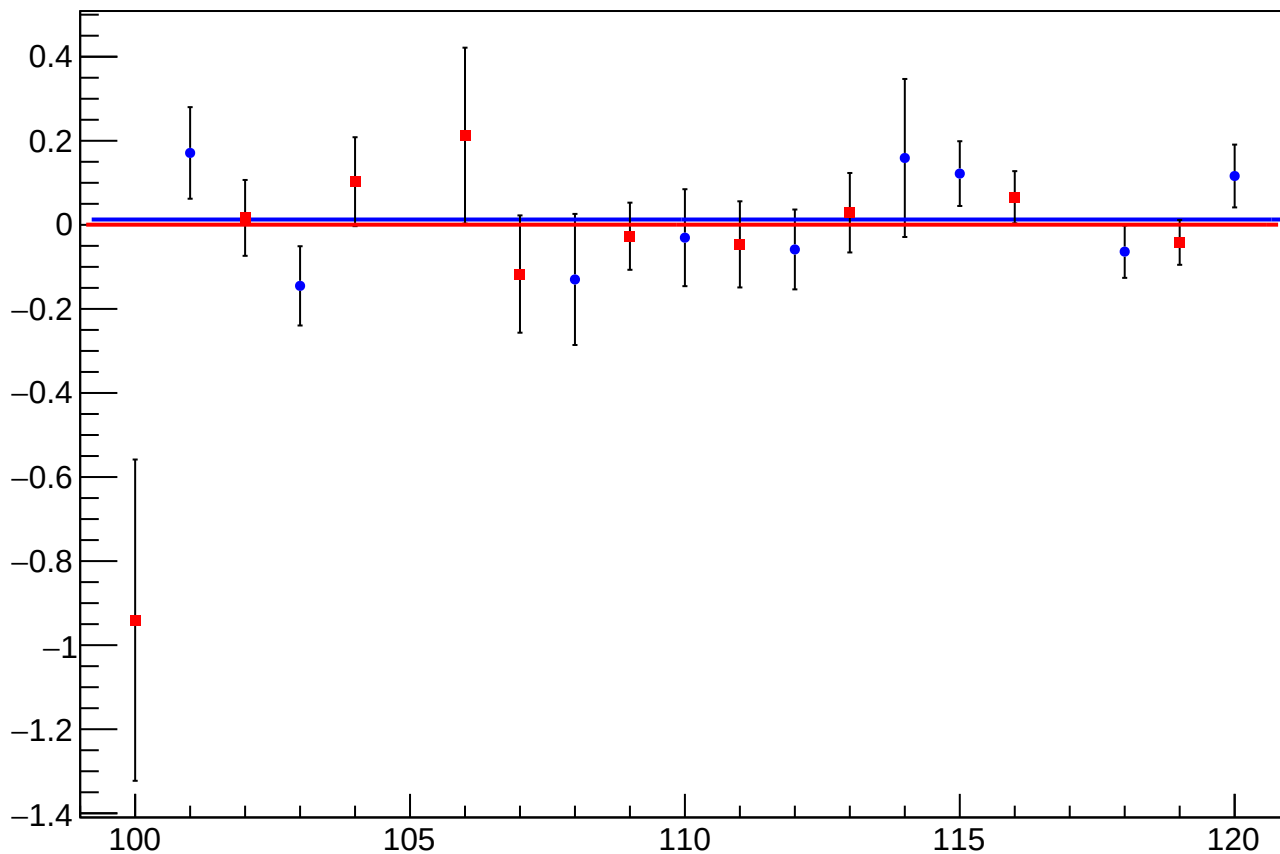
Right: 0.003+/-0.000 χ^2/NDF : 3676735.6/18

In: 0.003+/-0.000 χ^2/NDF : 1705159.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3676735.6/18

asym_sam_3726_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.031 χ^2/NDF : 12.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.028 χ^2/NDF : 10.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

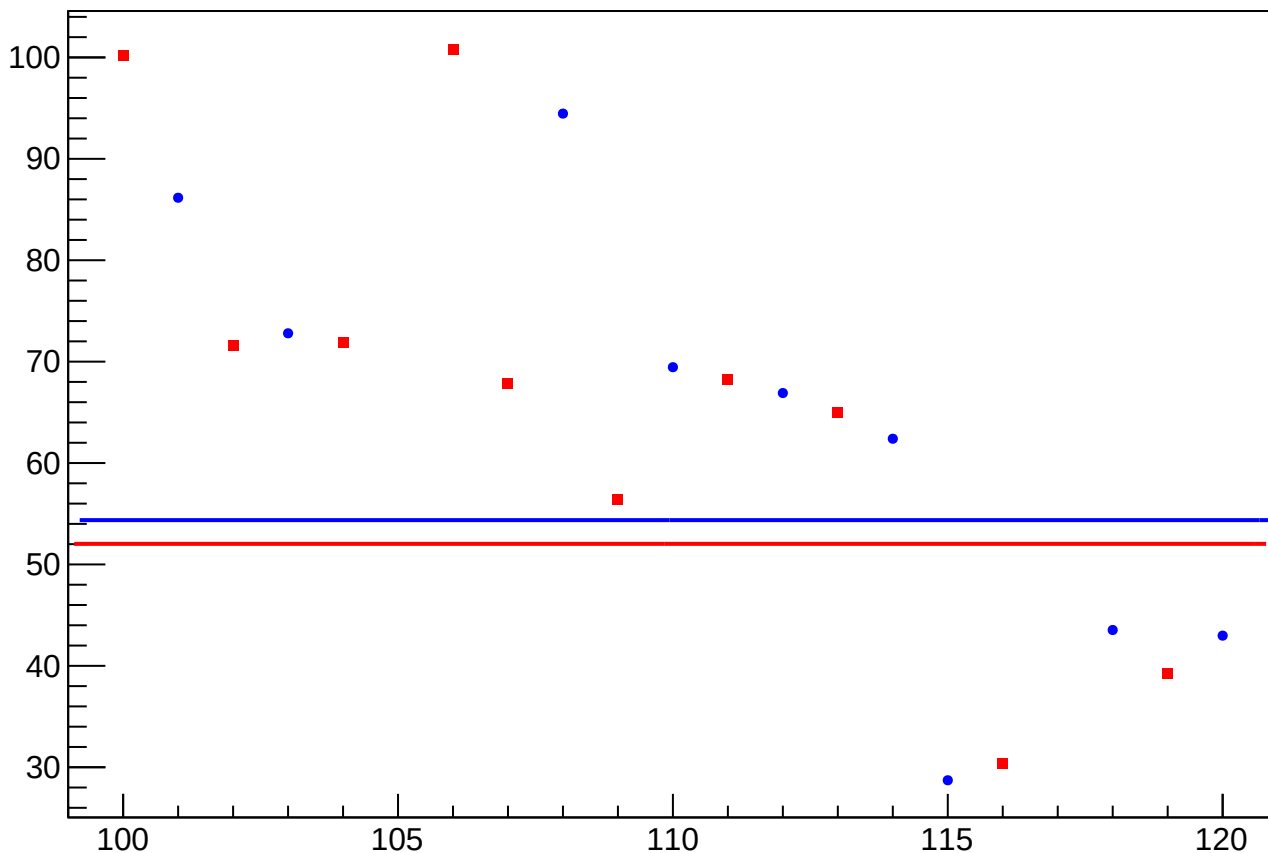
Right: 0.006+/-0.021 χ^2/NDF : 23.5/18

In: 0.013+/-0.031 χ^2/NDF :12.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.021 χ^2/NDF : 23.5/18

asym_sam_3726_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.369+/-0.022 χ^2/NDF : 780222.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.031+/-0.020 χ^2/NDF : 781393.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

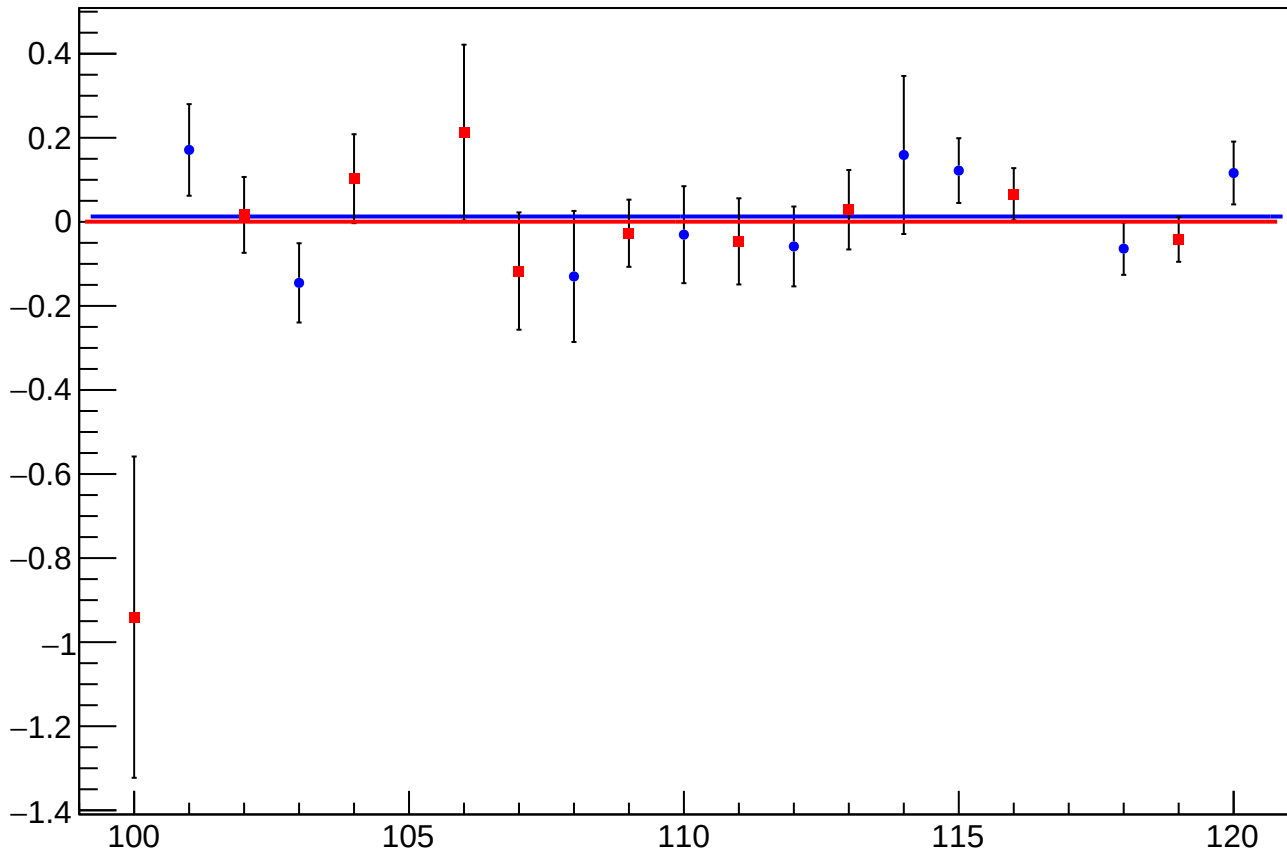
Right: 53.094+/-0.015 χ^2/NDF : 1567917.2/18

In: 54.369+/-0.022 χ^2/NDF : 780222.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.094+/-0.015 χ^2/NDF : 1567917.2/18

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.031 χ^2 /NDF: 12.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.028 χ^2 /NDF: 10.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

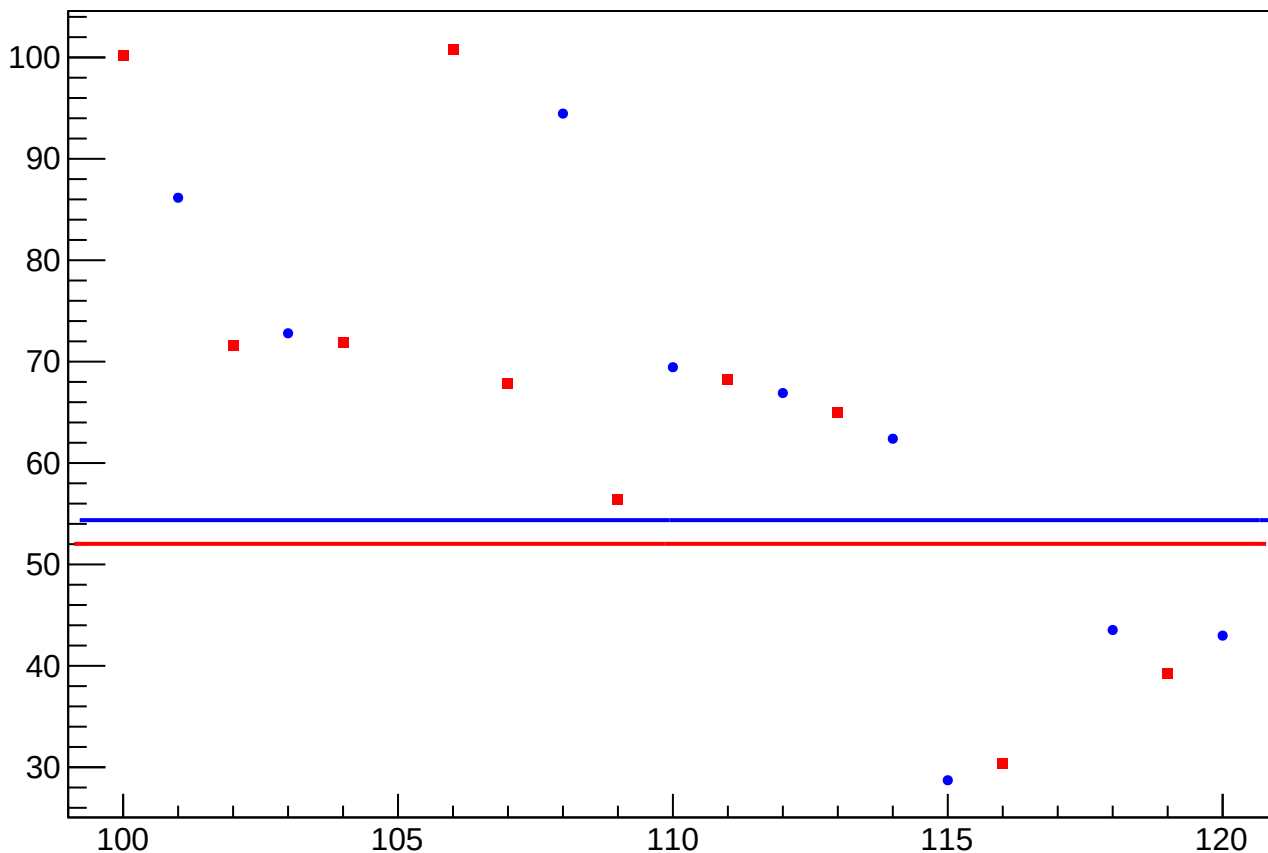
Right: 0.006 $\pm$ 0.021 χ^2 /NDF: 23.5/18

In: 0.013 $\pm$ 0.031 χ^2 /NDF:12.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.006 $\pm$ 0.021 χ^2 /NDF: 23.5/18

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.369+/-0.022 χ^2/NDF : 780222.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.031+/-0.020 χ^2/NDF : 781393.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

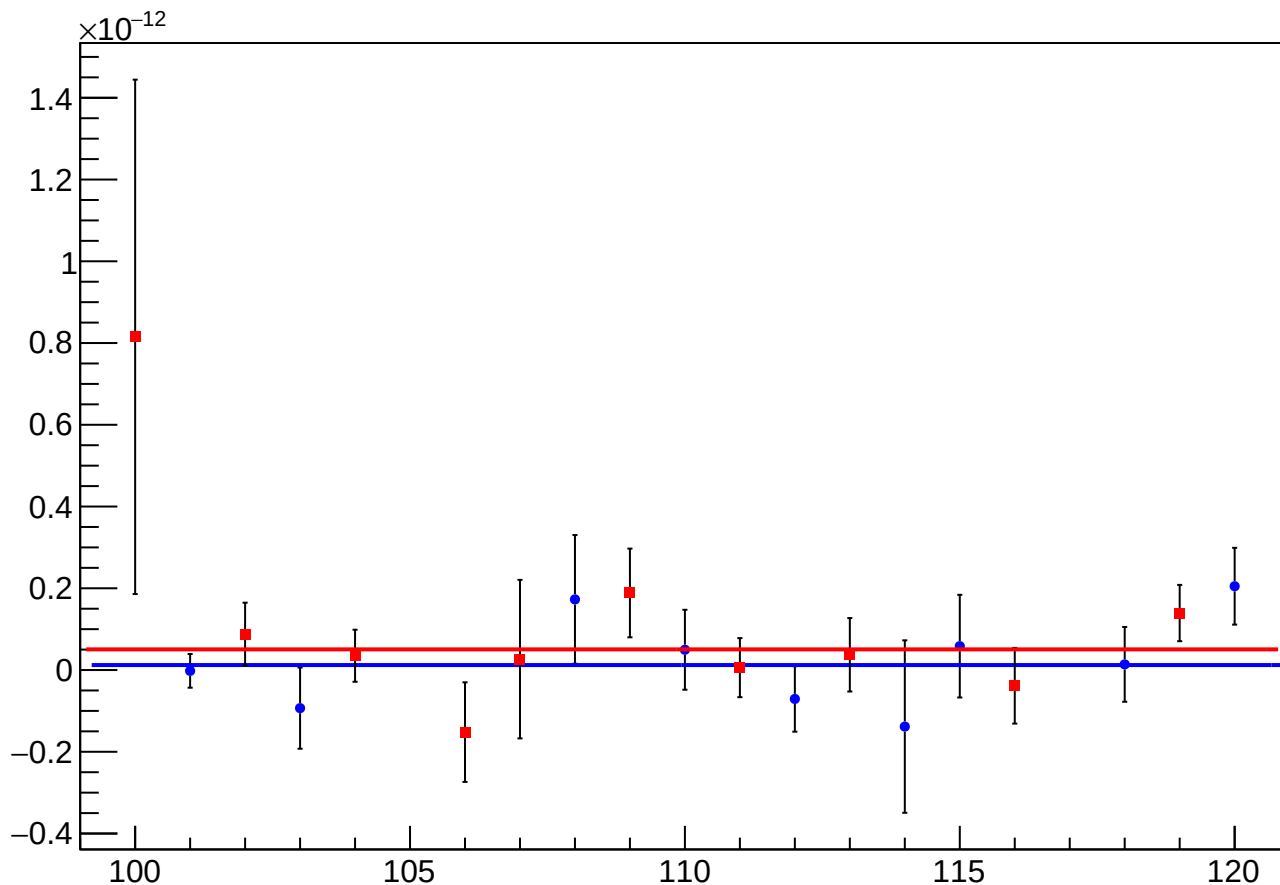
Right: 53.094+/-0.015 χ^2/NDF : 1567917.2/18

In: 54.369+/-0.022 χ^2/NDF : 780222.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.094+/-0.015 χ^2/NDF : 1567917.2/18

asym_sam_3726_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

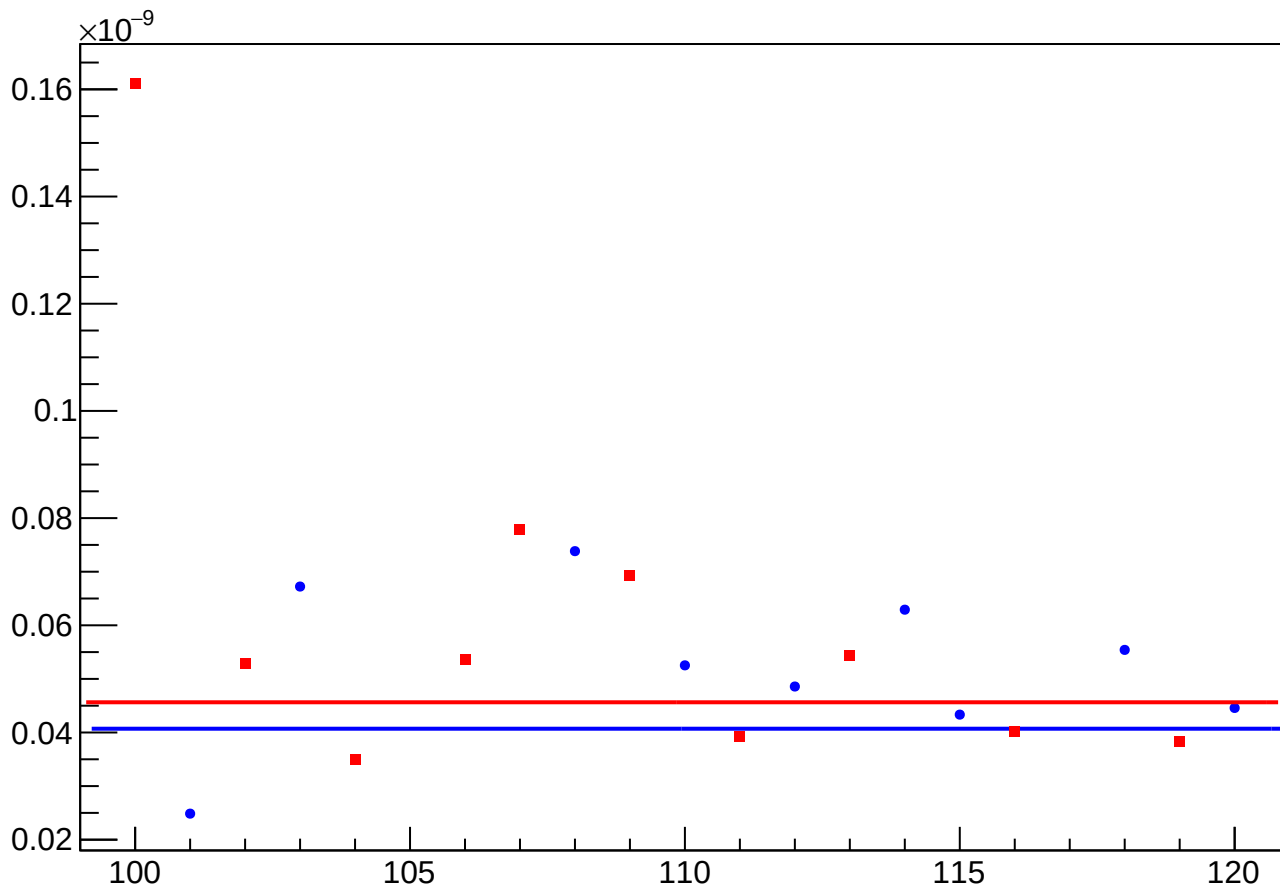
Right: 0.000+/-0.000 χ^2/NDF : 18.5/18

In: 0.000+/-0.000 χ^2/NDF : 8.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.5/18

asym_sam_3726_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 653994.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 364144.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

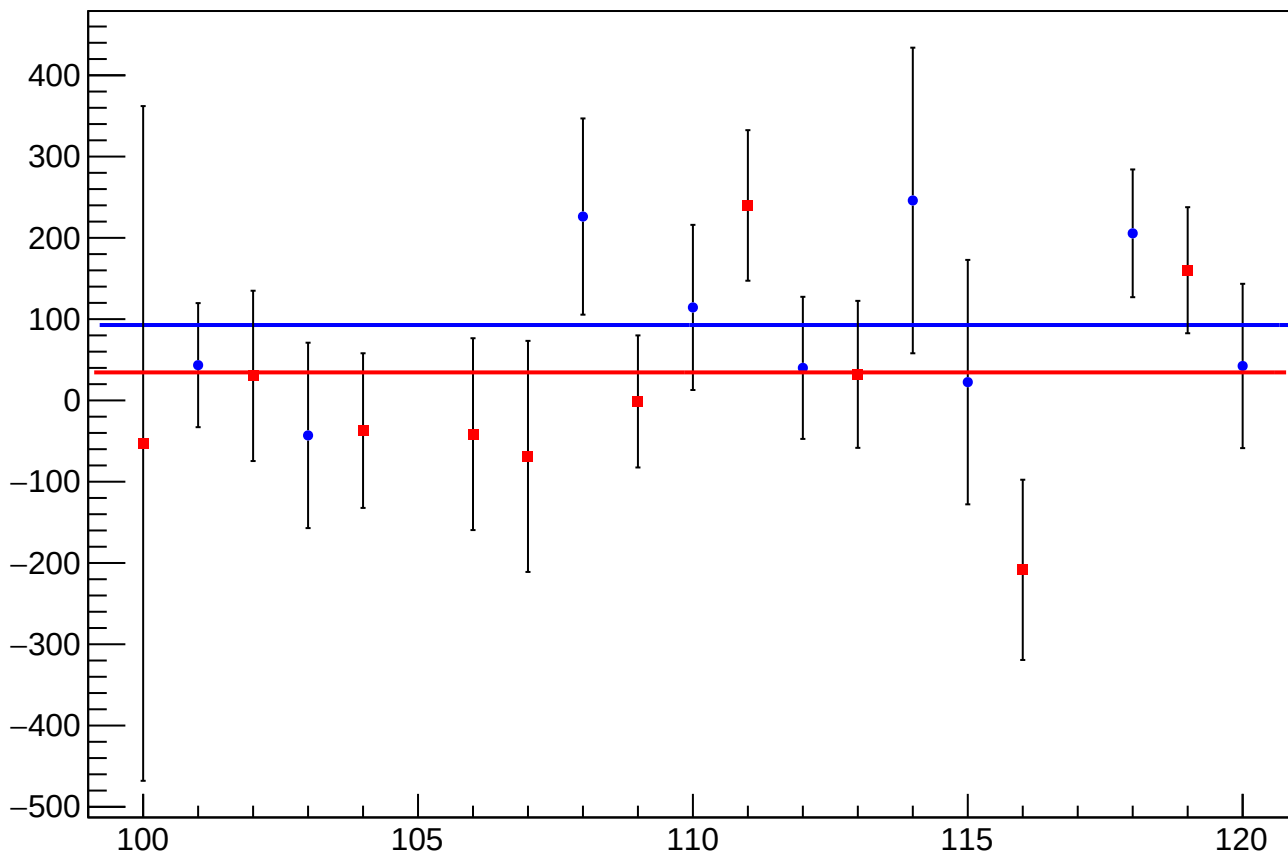
Right: 0.000+/-0.000 χ^2/NDF : 1049150.6/18

In: 0.000+/-0.000 χ^2/NDF : 653994.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1049150.6/18

reg_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 92.773+/-33.762 χ^2/NDF : 6.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.476+/-32.162 χ^2/NDF : 14.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

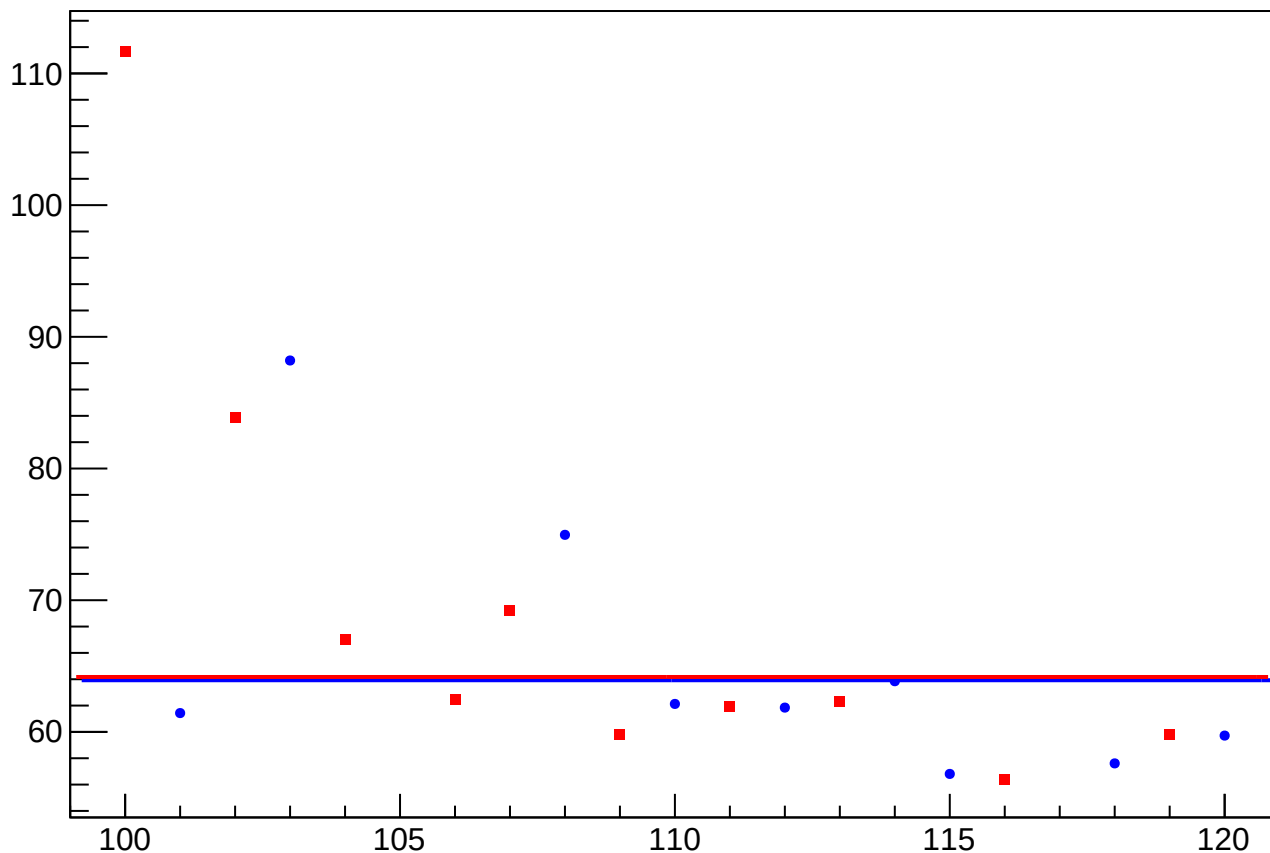
Right: 62.211+/-23.287 χ^2/NDF : 22.3/18

In: 92.773+/-33.762 χ^2/NDF : 6.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.211+/-23.287 χ^2/NDF : 22.3/18

reg_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 63.923+/-0.024 χ^2/NDF : 132135.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.170+/-0.023 χ^2/NDF : 125577.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

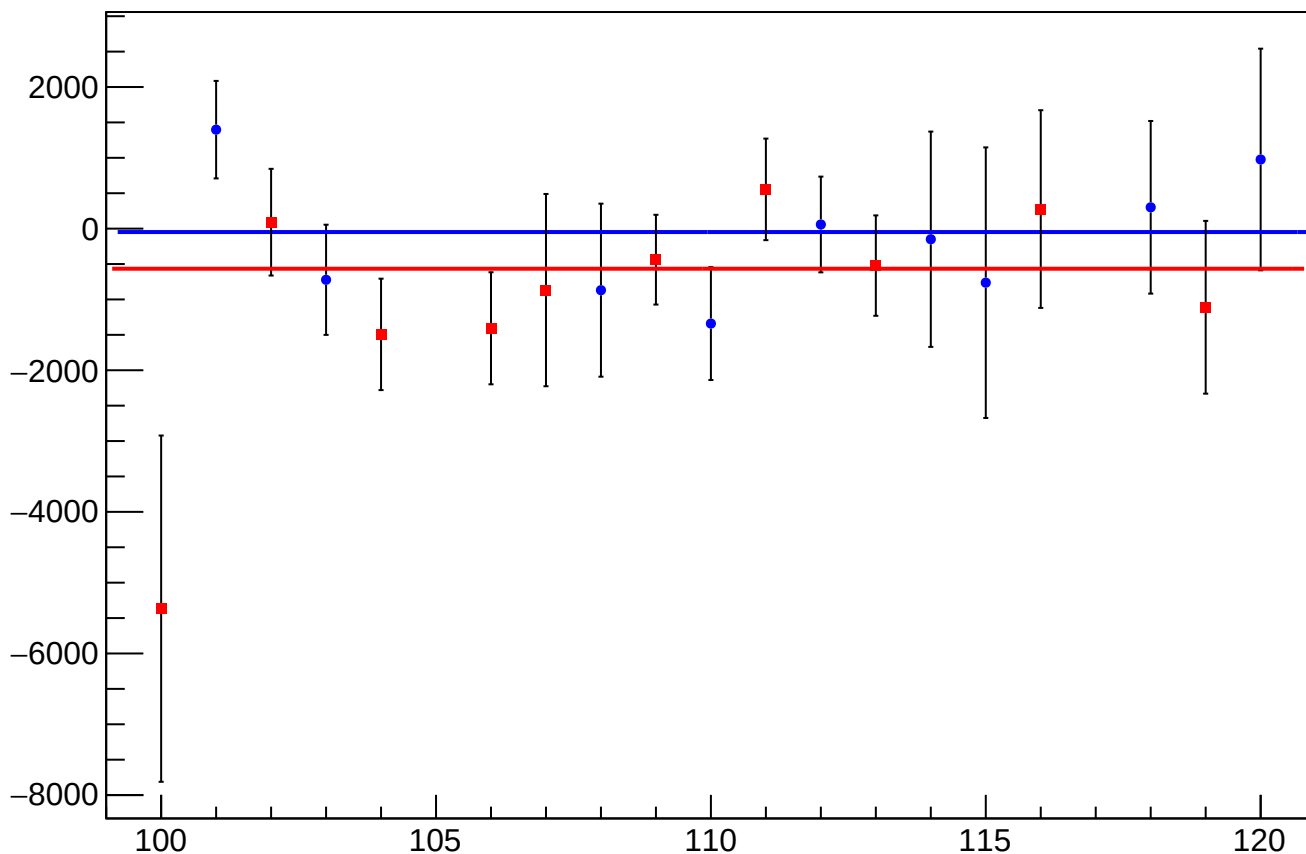
Right: 64.053+/-0.016 χ^2/NDF : 257769.1/18

In: 63.923+/-0.024 χ^2/NDF : 132135.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.053+/-0.016 χ^2/NDF : 257769.1/18

asym_sam_15_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -48.217 ± 316.522 χ^2/NDF : 8.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -566.150 ± 274.292 χ^2/NDF : 10.2/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

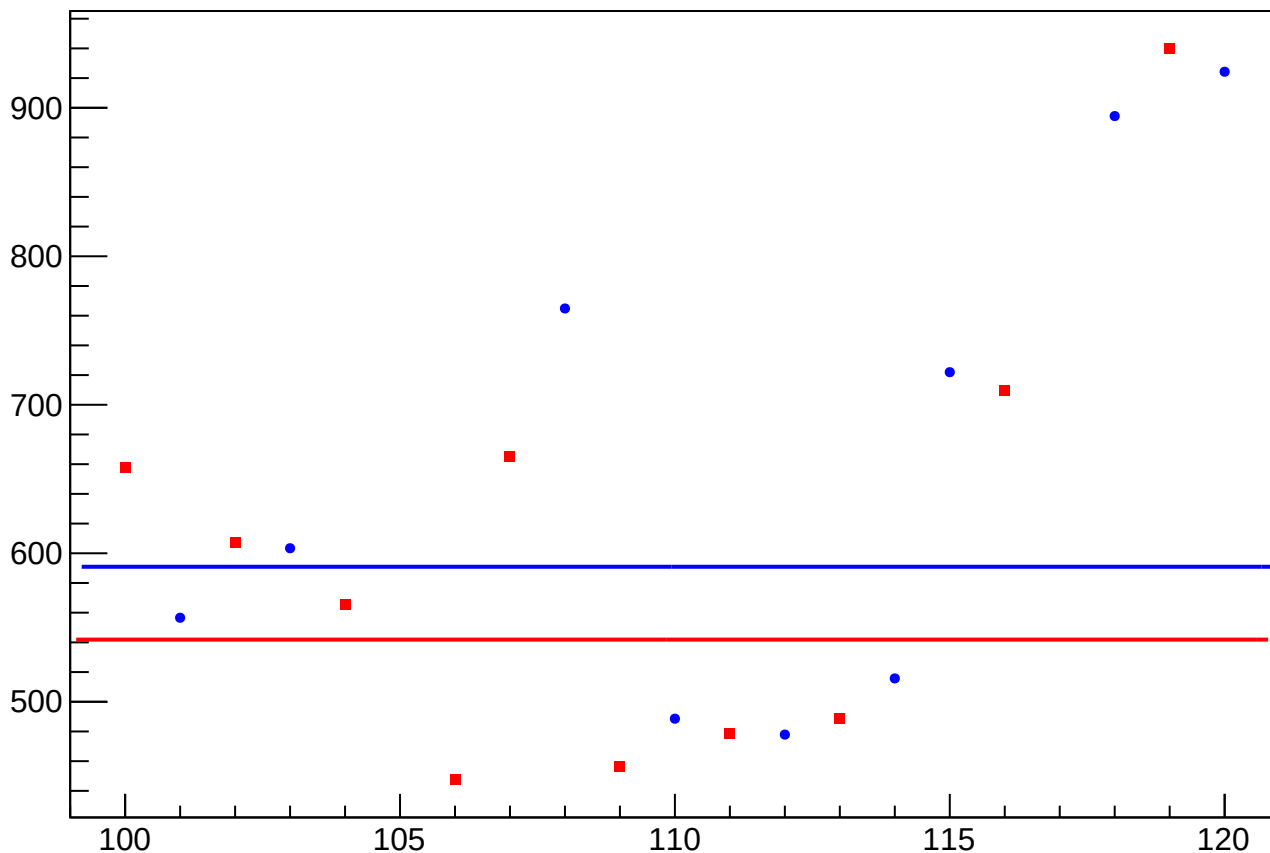
Right: -344.016 ± 207.289 χ^2/NDF : 20.7/18

In: -48.217 ± 316.522 χ^2/NDF : 8.9/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -344.016 ± 207.289 χ^2/NDF : 20.7/18

asym_sam_15_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 590.917+/-0.224 χ^2/NDF : 363858.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 541.863+/-0.194 χ^2/NDF : 370671.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

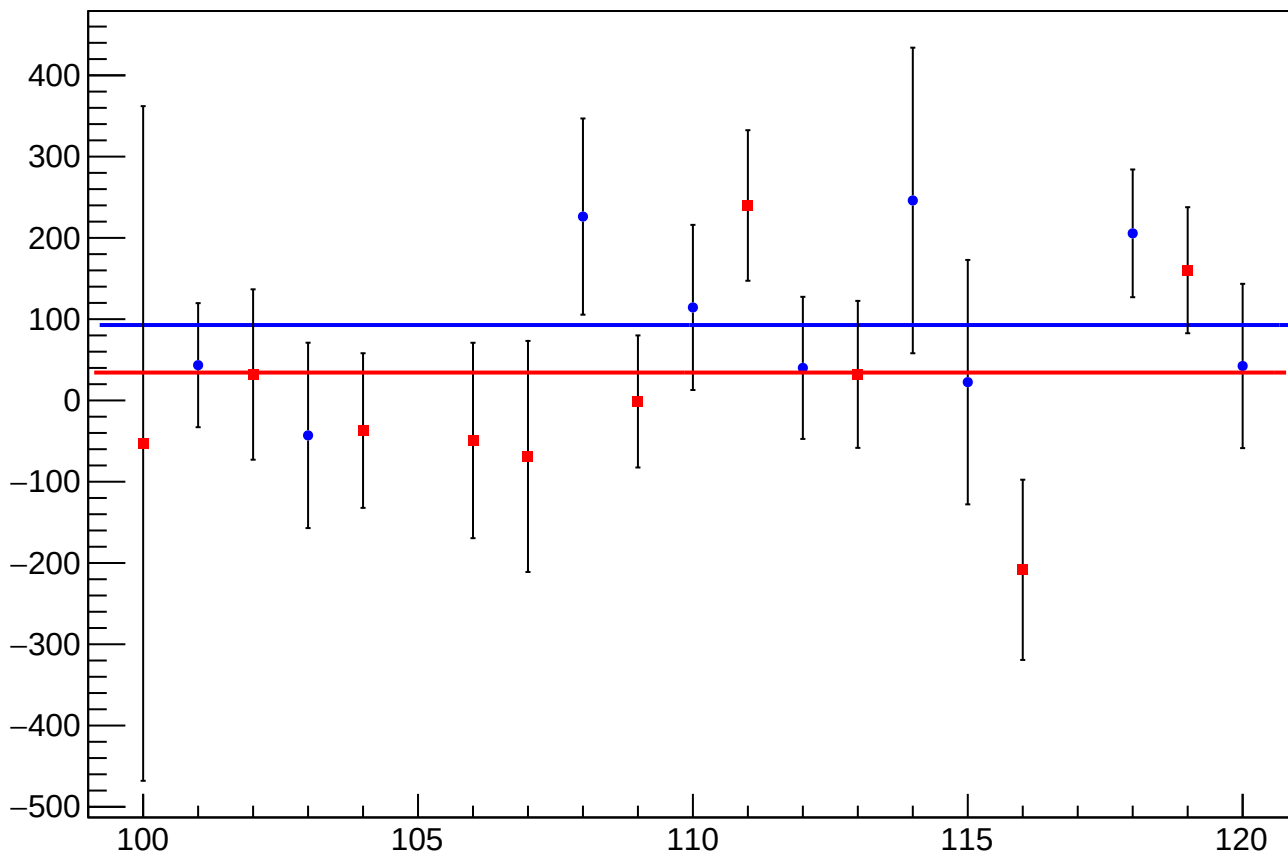
Right: 562.901+/-0.147 χ^2/NDF : 761964.4/18

In: 590.917+/-0.224 χ^2/NDF : 363858.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 562.901+/-0.147 χ^2/NDF : 761964.4/18

cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 92.790+/-33.762 χ^2/NDF : 6.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.307+/-32.207 χ^2/NDF : 14.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

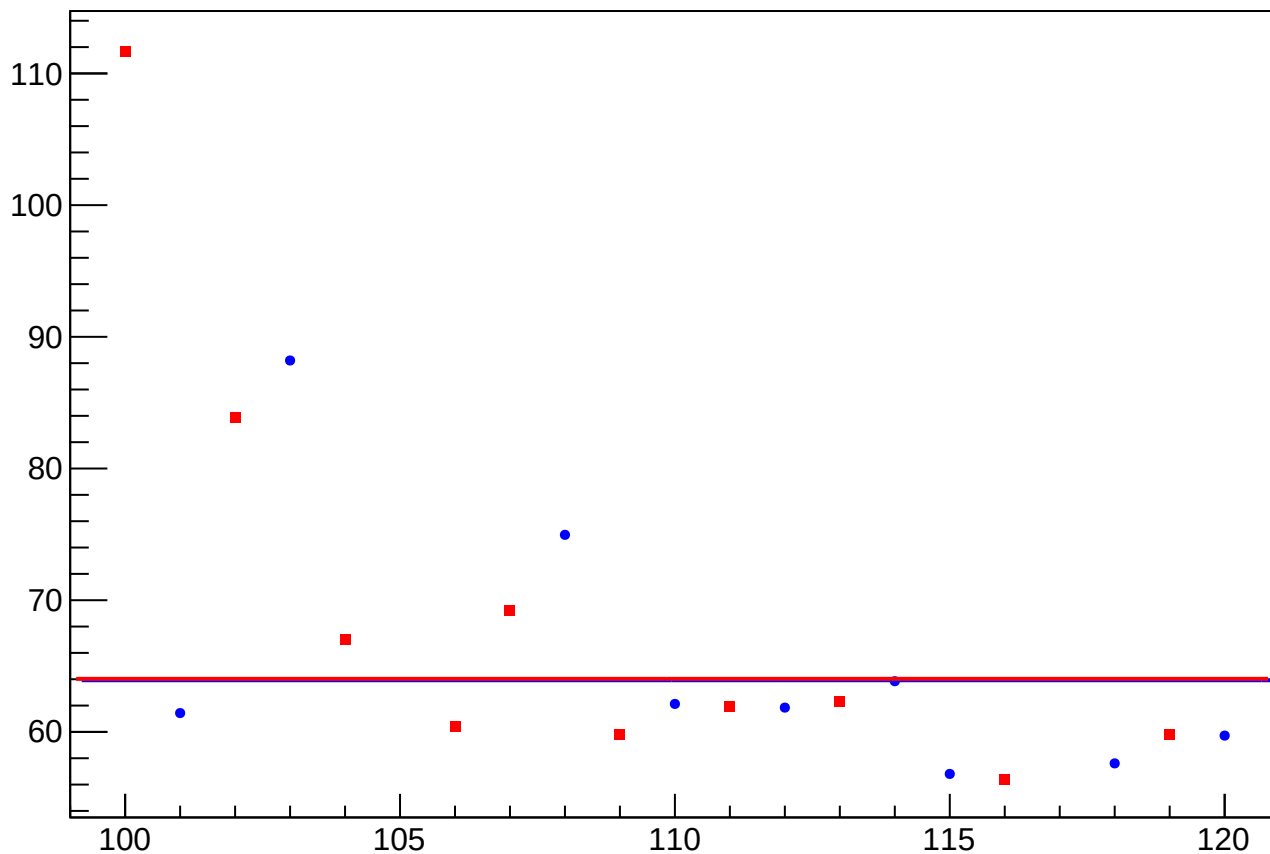
Right: 62.171+/-23.304 χ^2/NDF : 22.4/18

In: 92.790+/-33.762 χ^2/NDF : 6.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.171+/-23.304 χ^2/NDF : 22.4/18

cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 63.923+/-0.024 χ^2/NDF : 132138.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.030+/-0.023 χ^2/NDF : 127266.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

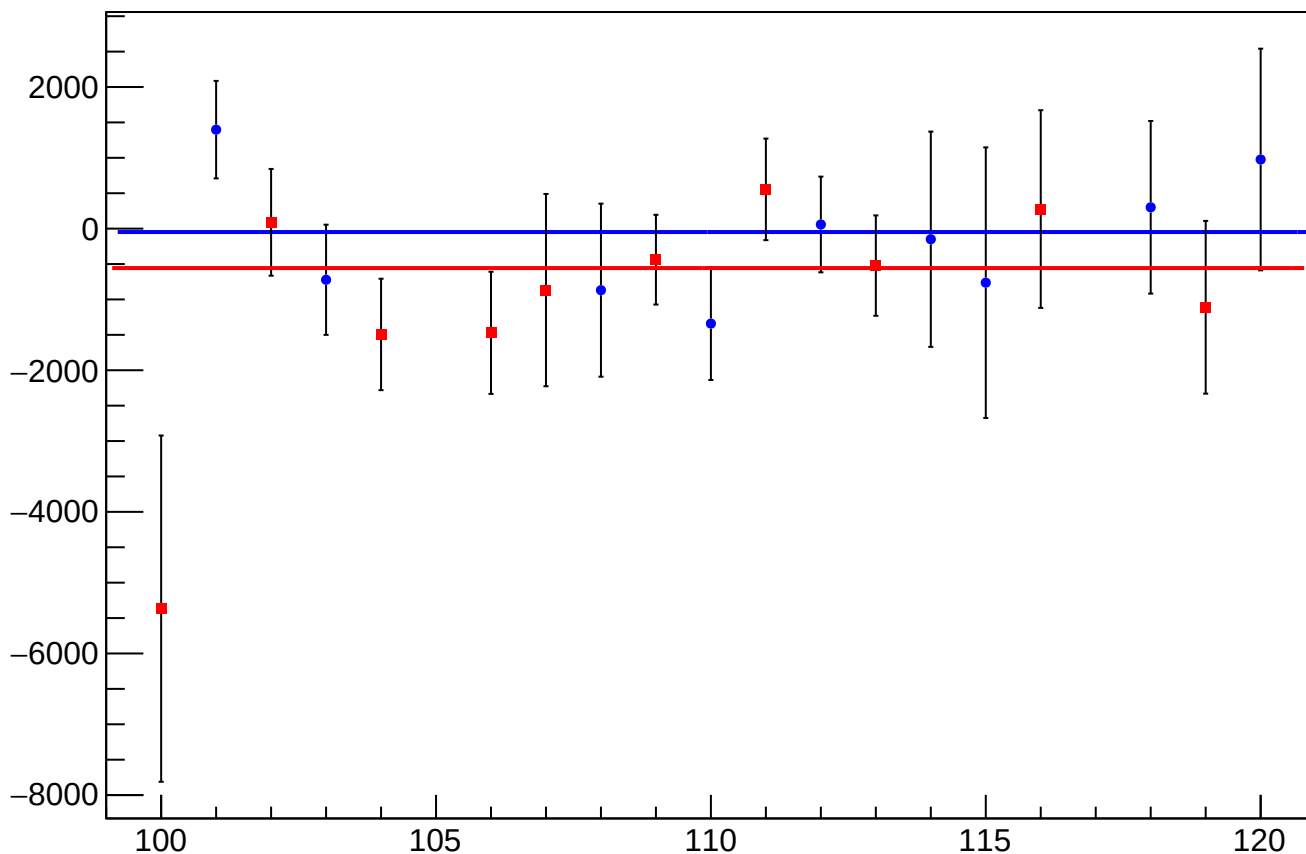
Right: 63.979+/-0.016 χ^2/NDF : 259415.8/18

In: 63.923+/-0.024 χ^2/NDF : 132138.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.979+/-0.016 χ^2/NDF : 259415.8/18

asym_sam_15_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -48.153+/-316.526 χ^2/NDF : 8.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -556.816+/-276.963 χ^2/NDF : 10.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

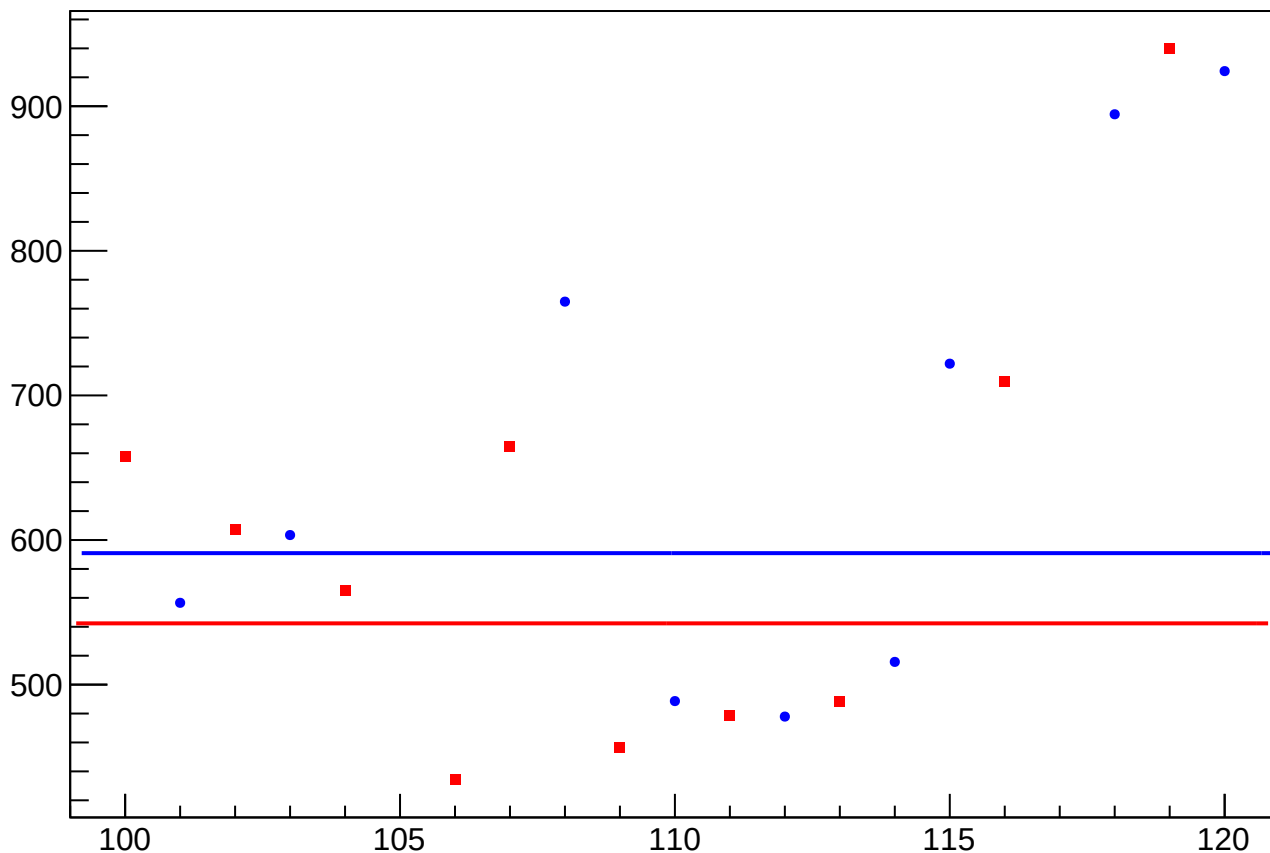
Right: -336.243+/-208.435 χ^2/NDF : 20.6/18

In: -48.153+/-316.526 χ^2/NDF : 8.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -336.243+/-208.435 χ^2/NDF : 20.6/18

asym_sam_15_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 590.924+/-0.224 χ^2/NDF : 363862.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 542.366+/-0.196 χ^2/NDF : 373443.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

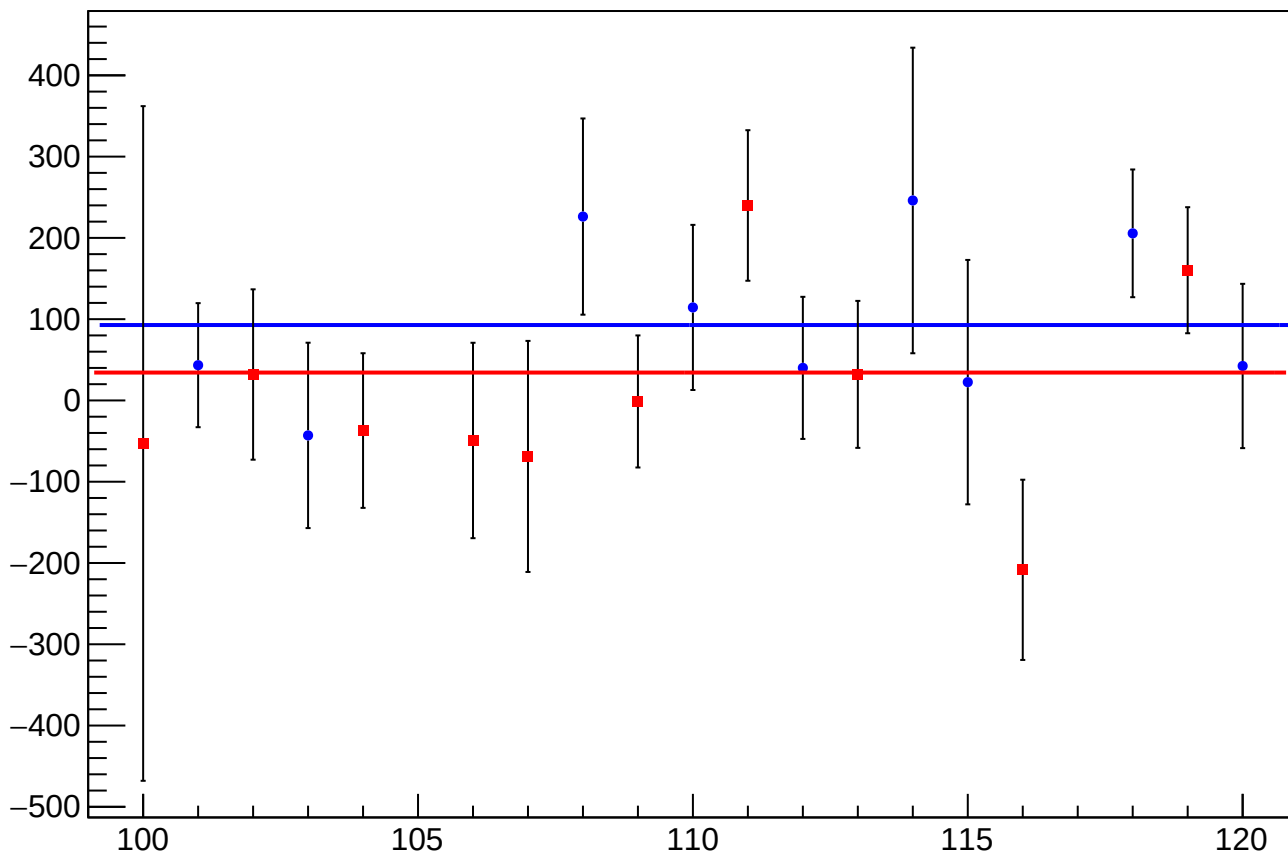
Right: 563.422+/-0.147 χ^2/NDF : 763963.2/18

In: 590.924+/-0.224 χ^2/NDF : 363862.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 563.422+/-0.147 χ^2/NDF : 763963.2/18

eigen_cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 92.790+/-33.762 χ^2/NDF : 6.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.307+/-32.207 χ^2/NDF : 14.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

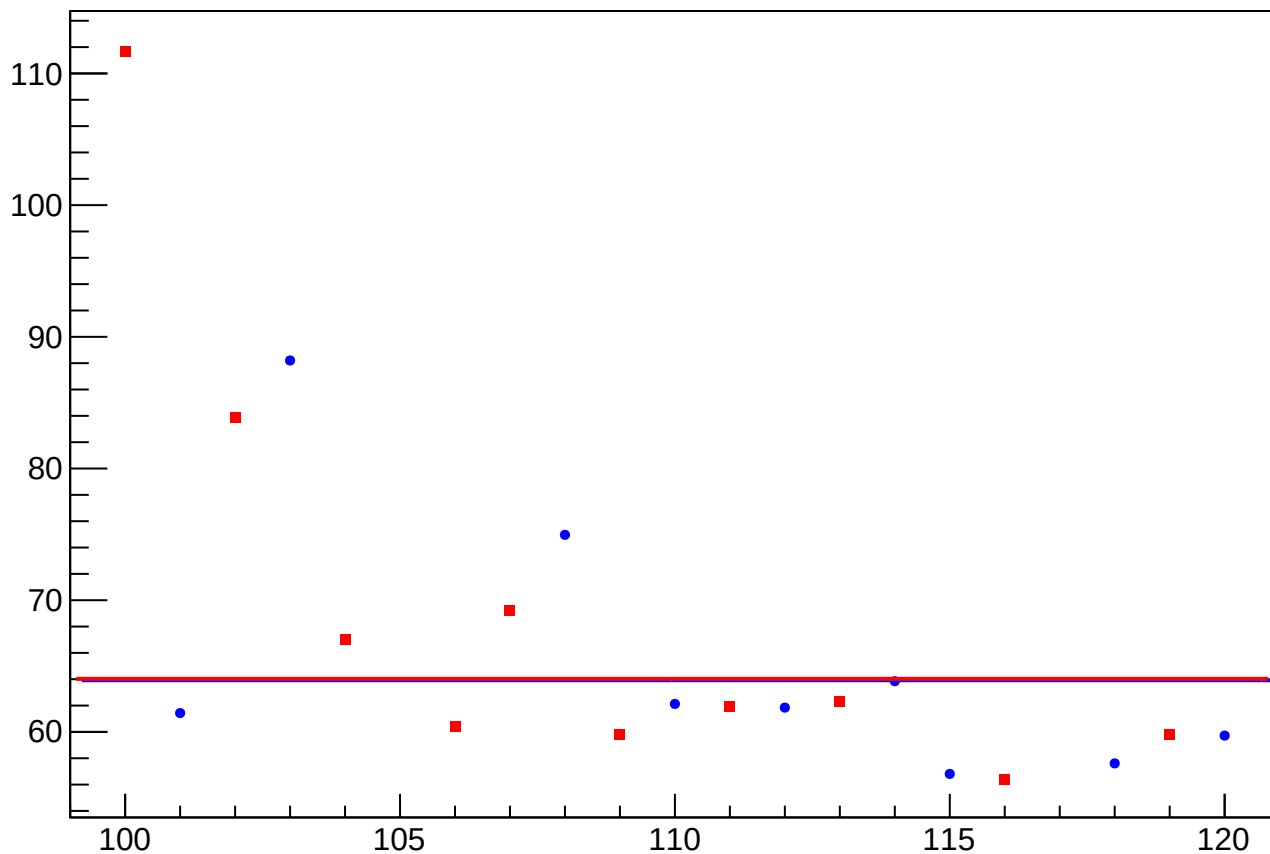
Right: 62.171+/-23.304 χ^2/NDF : 22.4/18

In: 92.790+/-33.762 χ^2/NDF : 6.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.171+/-23.304 χ^2/NDF : 22.4/18

eigen_cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 63.923+/-0.024 χ^2/NDF : 132138.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.030+/-0.023 χ^2/NDF : 127266.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

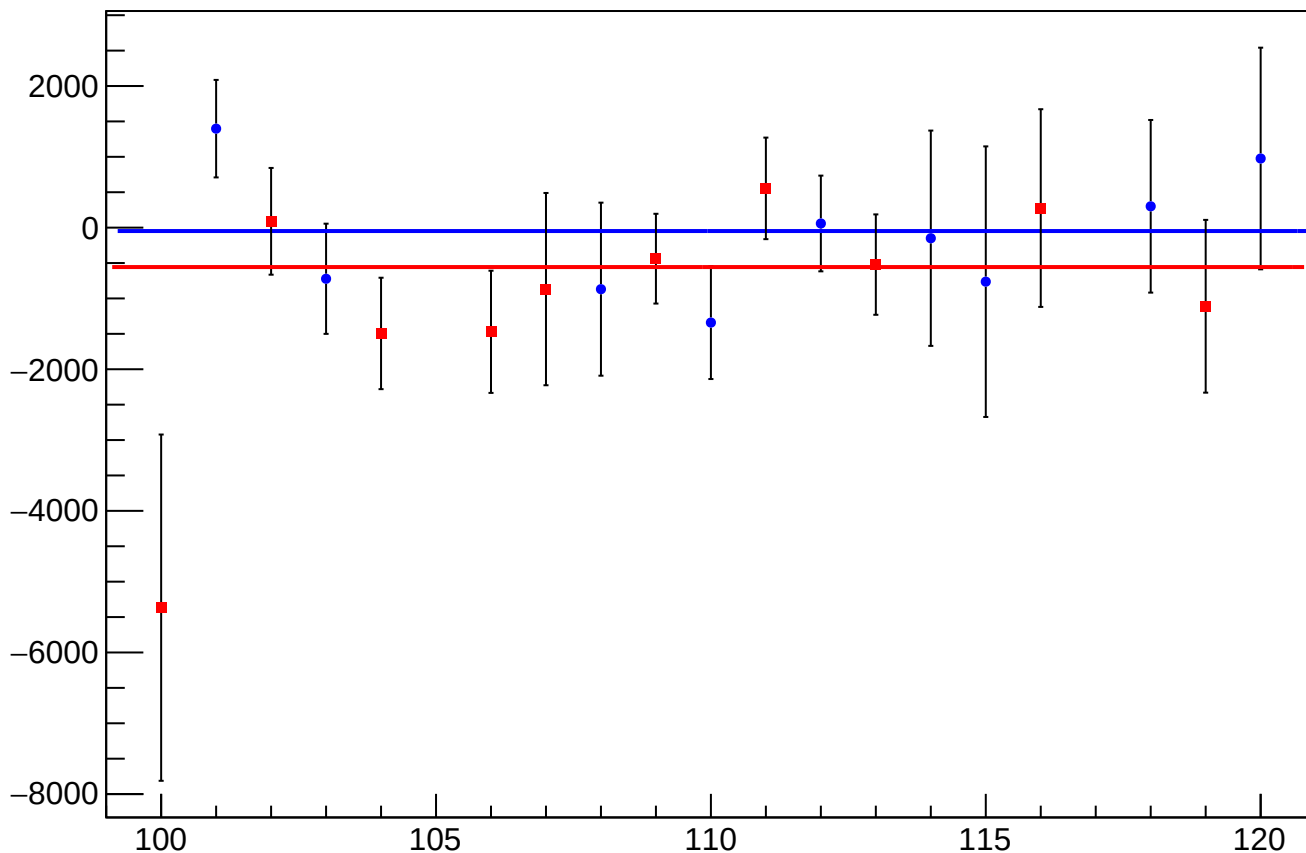
Right: 63.979+/-0.016 χ^2/NDF : 259415.8/18

In: 63.923+/-0.024 χ^2/NDF : 132138.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.979+/-0.016 χ^2/NDF : 259415.8/18

asym_sam_15_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -48.153 ± 316.526 χ^2/NDF : 8.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -556.816 ± 276.963 χ^2/NDF : 10.2/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

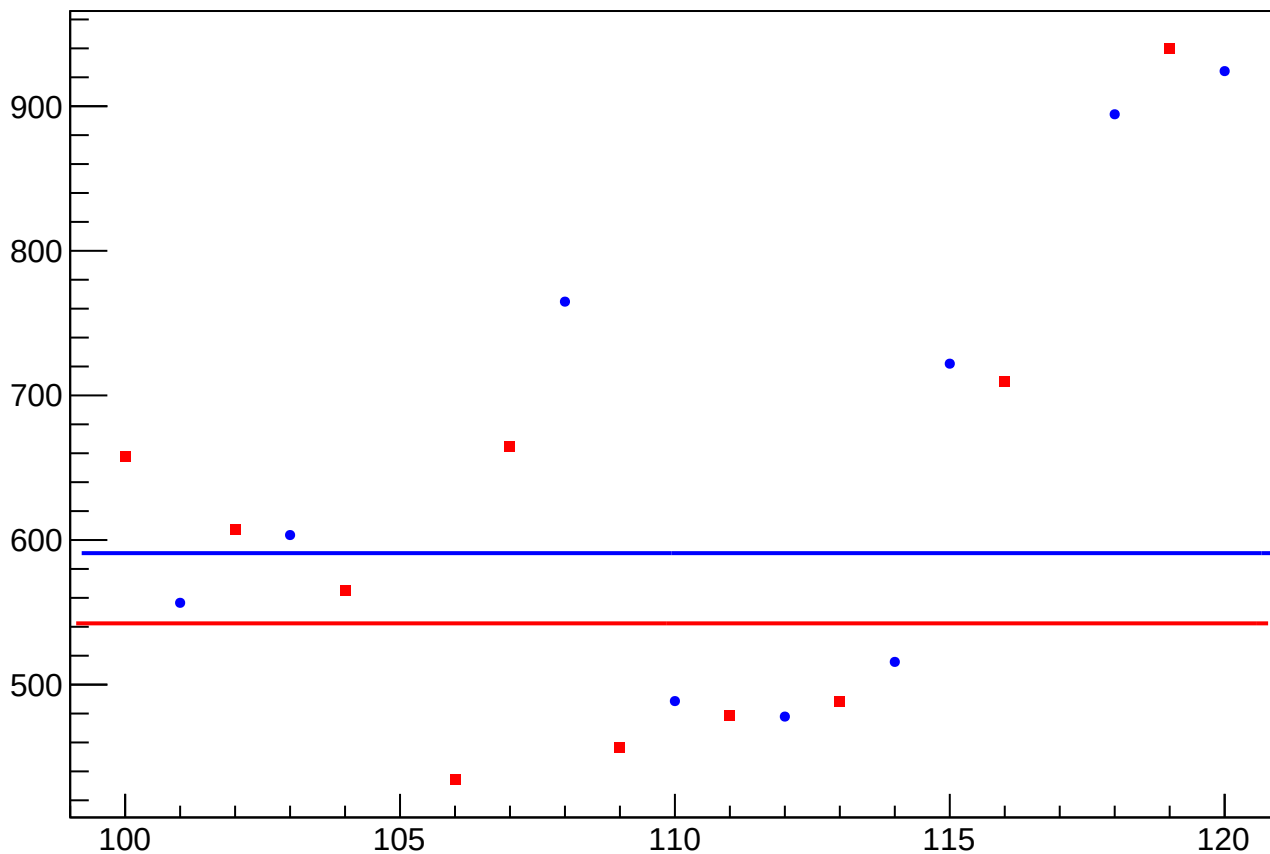
Right: -336.243 ± 208.435 χ^2/NDF : 20.6/18

In: -48.153 ± 316.526 χ^2/NDF : 8.9/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -336.243 ± 208.435 χ^2/NDF : 20.6/18

asym_sam_15_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 590.924+/-0.224 χ^2/NDF : 363862.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 542.366+/-0.196 χ^2/NDF : 373443.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

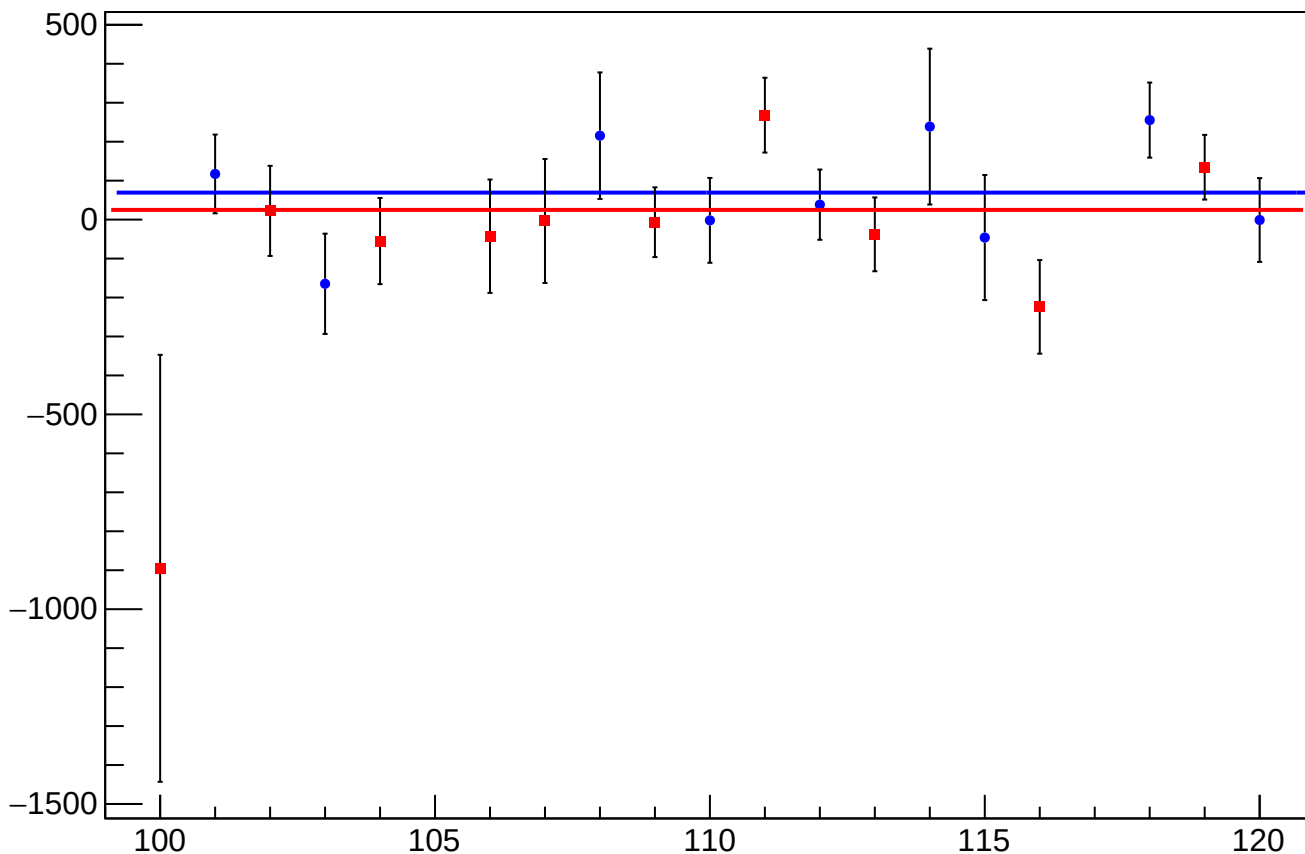
Right: 563.422+/-0.147 χ^2/NDF : 763963.2/18

In: 590.924+/-0.224 χ^2/NDF : 363862.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 563.422+/-0.147 χ^2/NDF : 763963.2/18

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 69.309+/-38.880 χ^2/NDF : 10.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.914+/-35.232 χ^2/NDF : 16.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

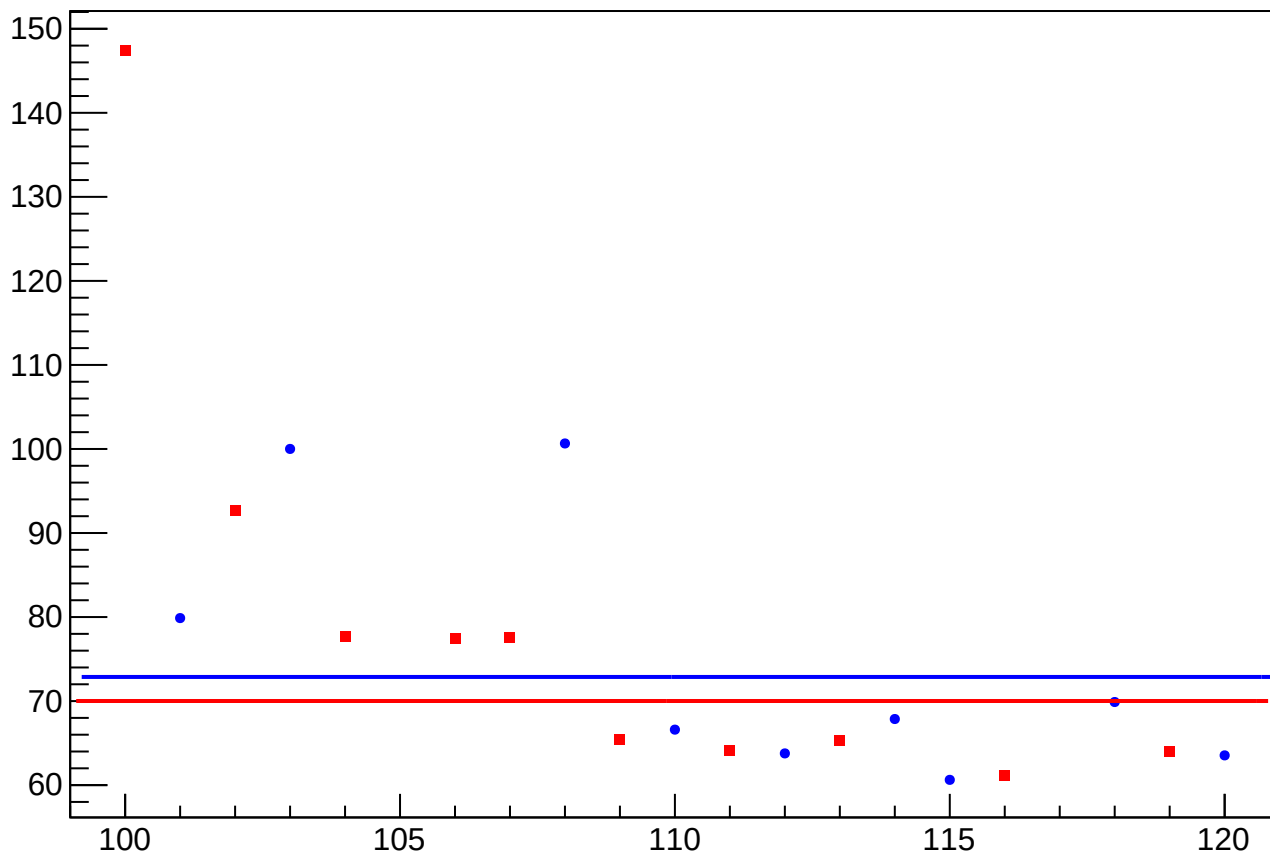
Right: 44.931+/-26.107 χ^2/NDF : 27.6/18

In: 69.309+/-38.880 χ^2/NDF : 10.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.931+/-26.107 χ^2/NDF : 27.6/18

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 72.873+/-0.027 χ^2/NDF : 213898.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.011+/-0.025 χ^2/NDF : 175181.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

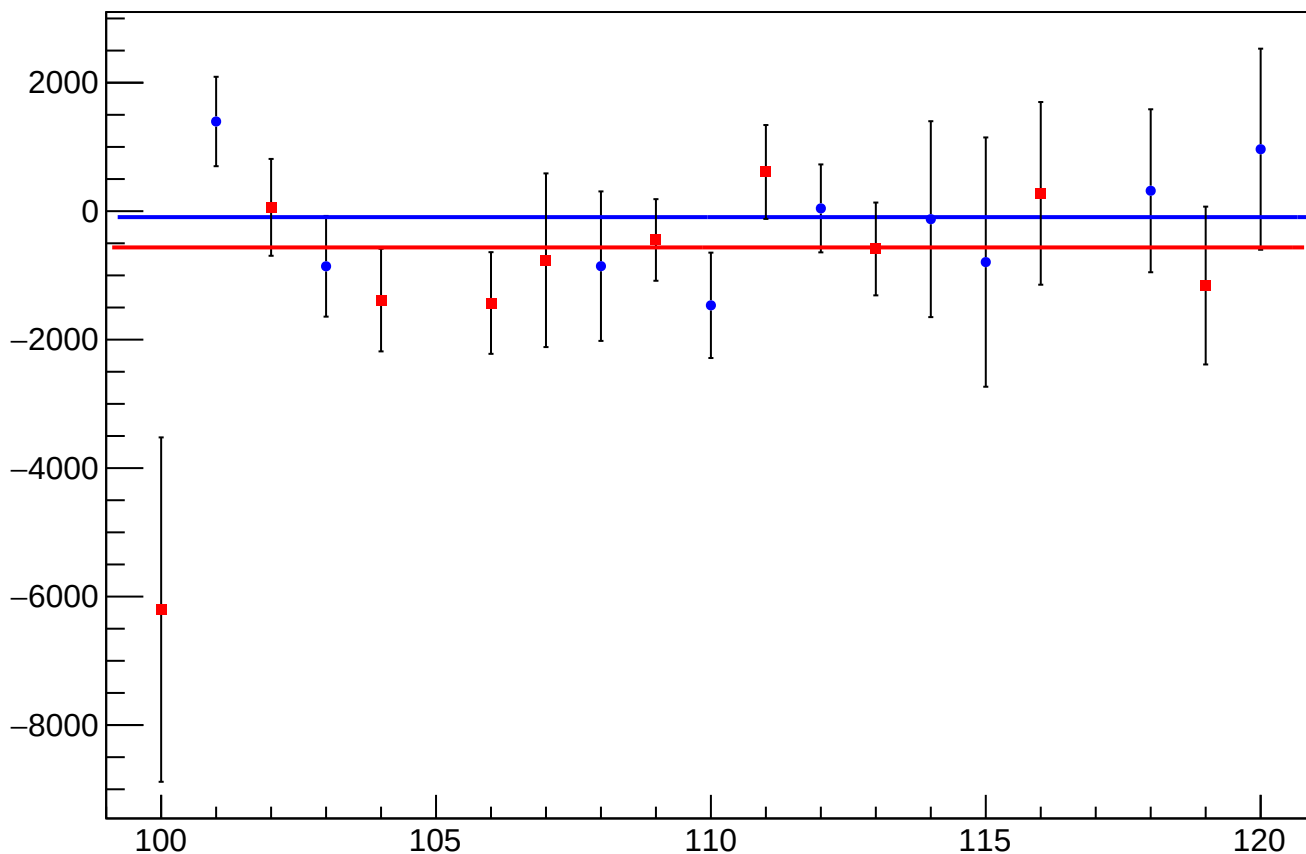
Right: 71.301+/-0.018 χ^2/NDF : 395031.2/18

In: 72.873+/-0.027 χ^2/NDF : 213898.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.301+/-0.018 χ^2/NDF : 395031.2/18

asym_sam_15_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -92.755 ± 319.830 $\chi^2/\text{NDF}: 9.5/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -564.366 ± 277.000 $\chi^2/\text{NDF}: 10.6/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

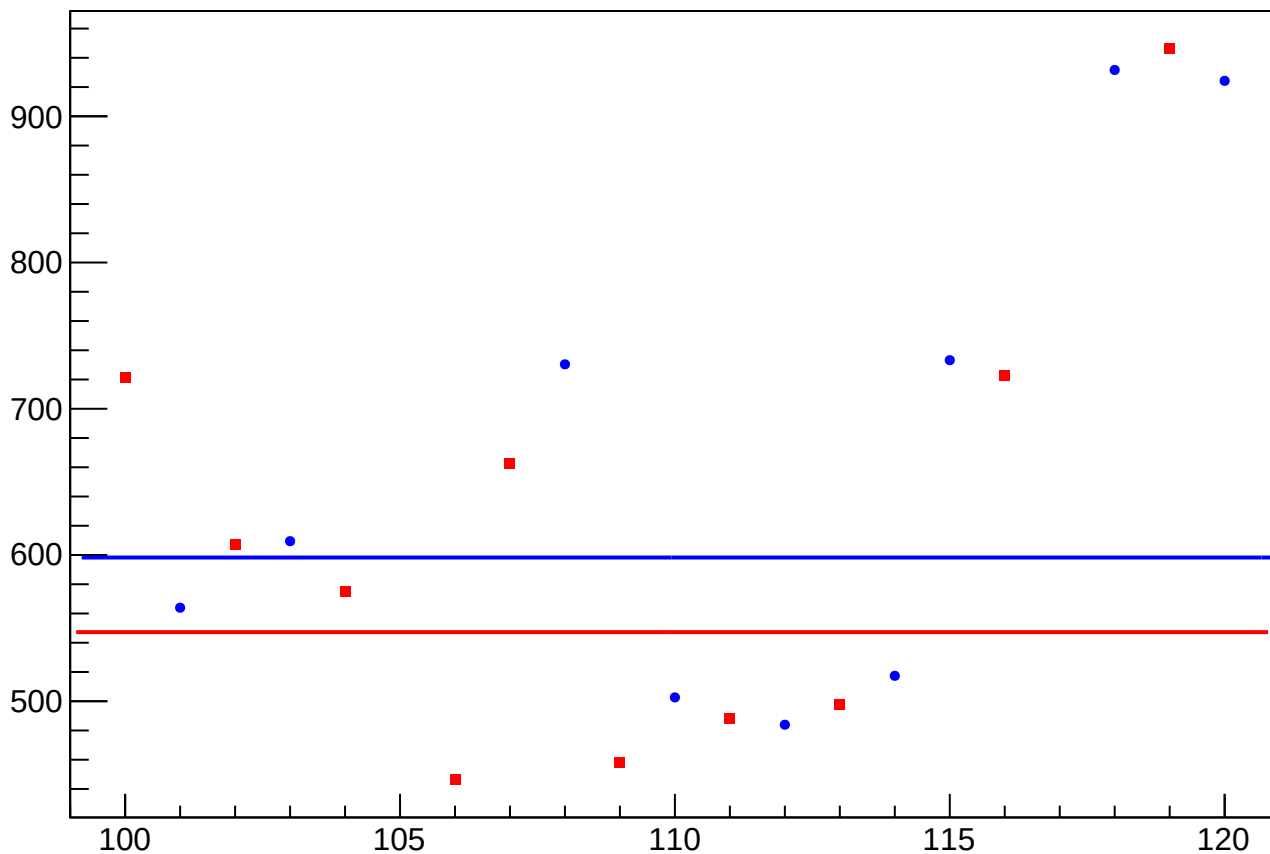
Right: -362.231 ± 209.386 $\chi^2/\text{NDF}: 21.3/18$

In: -92.755 ± 319.830 $\chi^2/\text{NDF}: 9.5/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -362.231 ± 209.386 $\chi^2/\text{NDF}: 21.3/18$

asym_sam_15_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 598.279+/-0.226 χ^2/NDF : 354261.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 547.244+/-0.196 χ^2/NDF : 373871.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

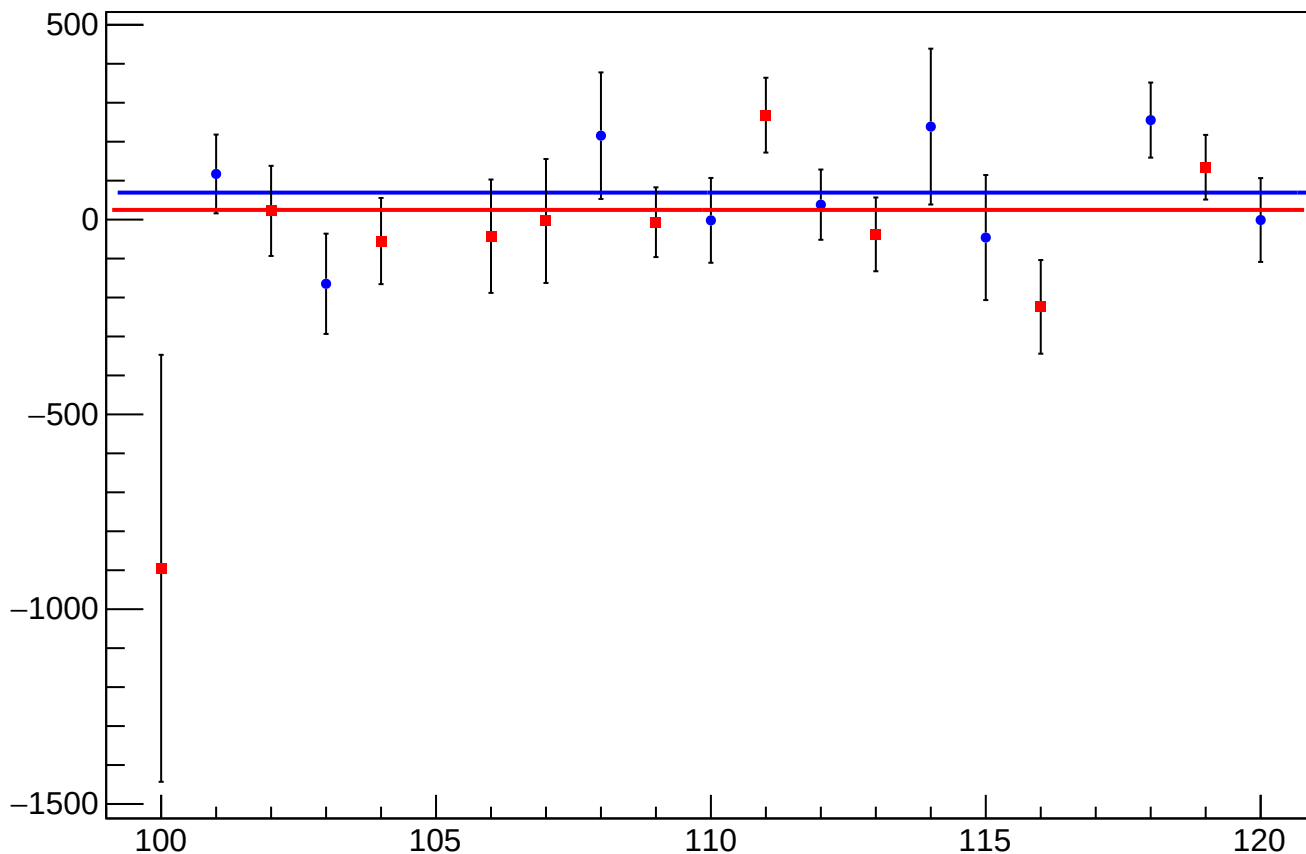
Right: 569.118+/-0.148 χ^2/NDF : 757231.4/18

In: 598.279+/-0.226 χ^2/NDF : 354261.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 569.118+/-0.148 χ^2/NDF : 757231.4/18

eigen_dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 69.309+/-38.880 χ^2/NDF : 10.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.915+/-35.232 χ^2/NDF : 16.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

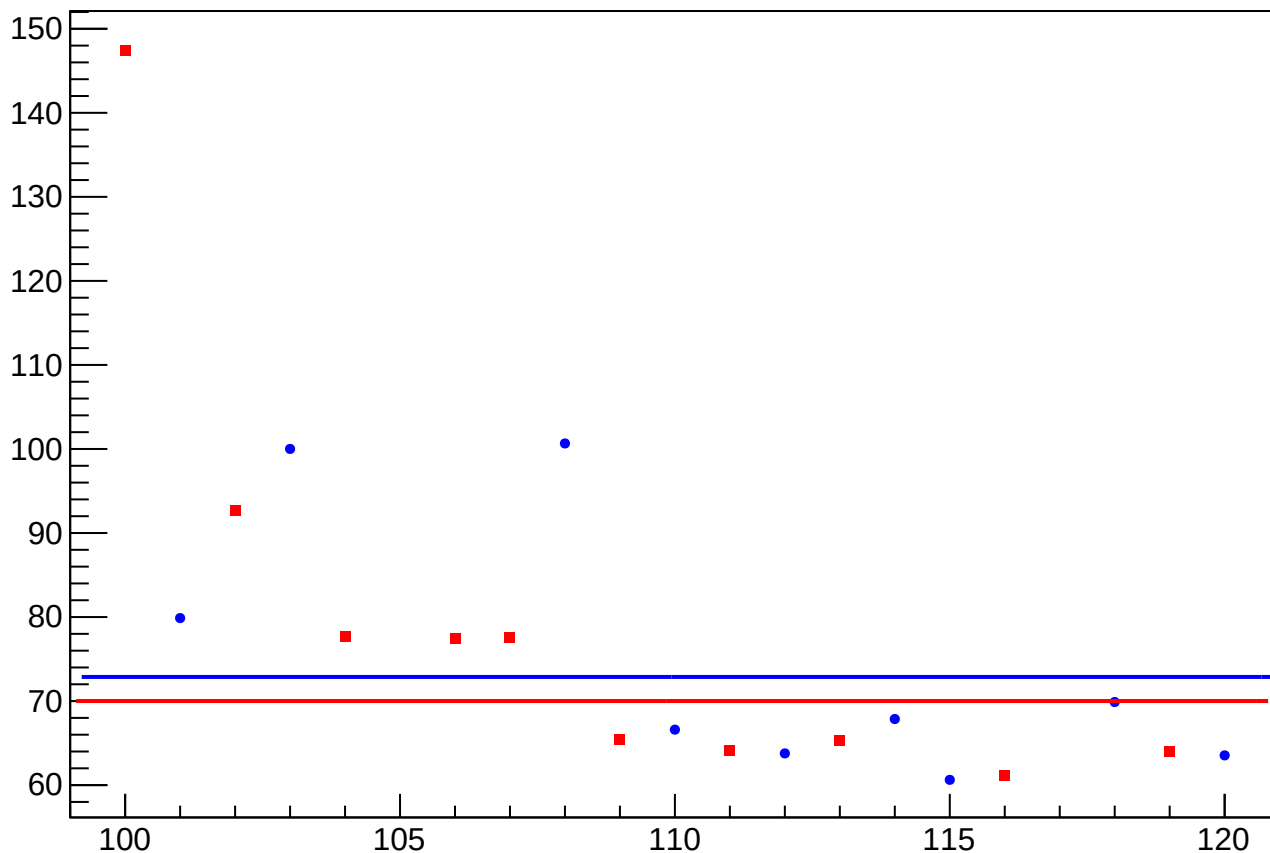
Right: 44.932+/-26.107 χ^2/NDF : 27.6/18

In: 69.309+/-38.880 χ^2/NDF : 10.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.932+/-26.107 χ^2/NDF : 27.6/18

eigen_dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 72.873+/-0.027 χ^2/NDF : 213901.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.011+/-0.025 χ^2/NDF : 175182.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

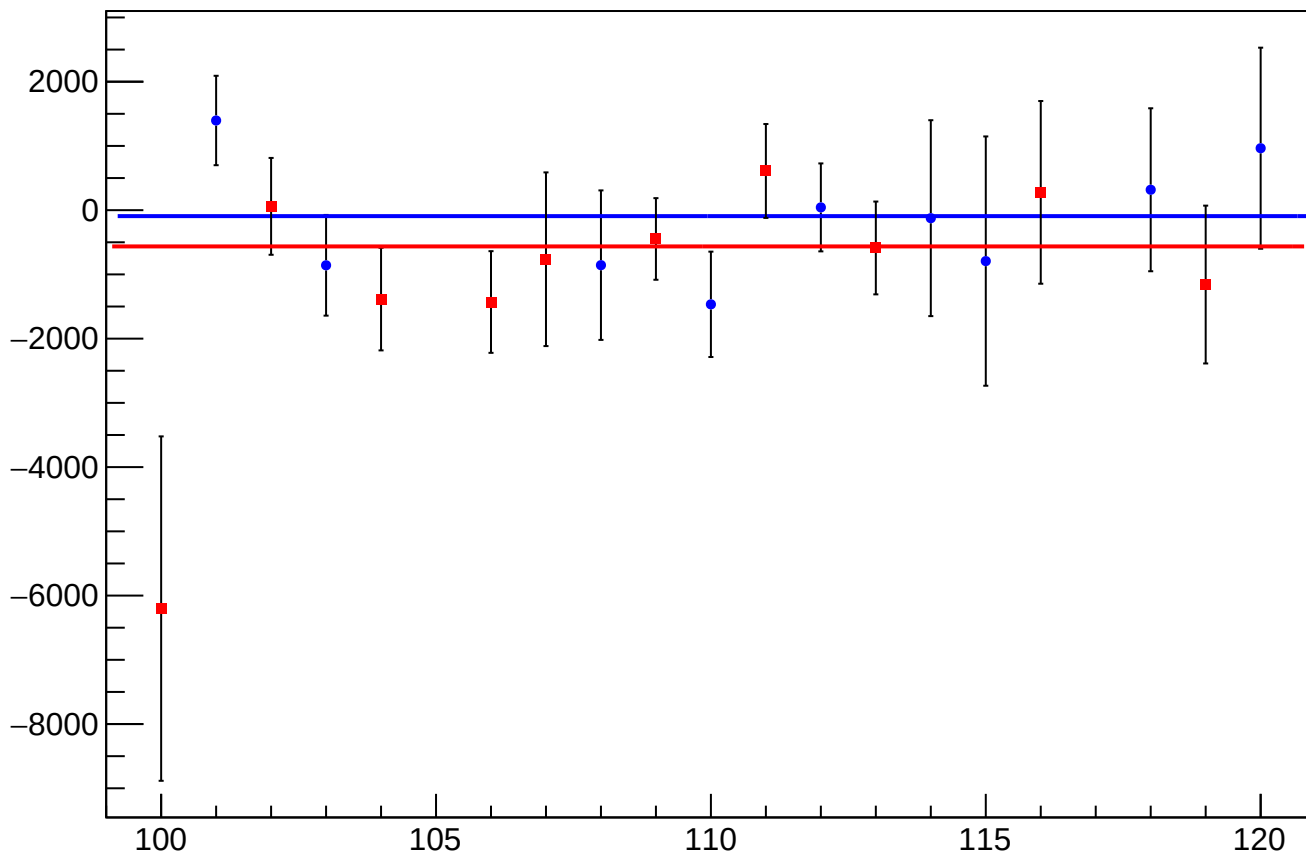
Right: 71.301+/-0.018 χ^2/NDF : 395035.5/18

In: 72.873+/-0.027 χ^2/NDF : 213901.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.301+/-0.018 χ^2/NDF : 395035.5/18

asym_sam_15_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -92.755 ± 319.830 $\chi^2/\text{NDF}: 9.5/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -564.365 ± 276.999 $\chi^2/\text{NDF}: 10.6/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

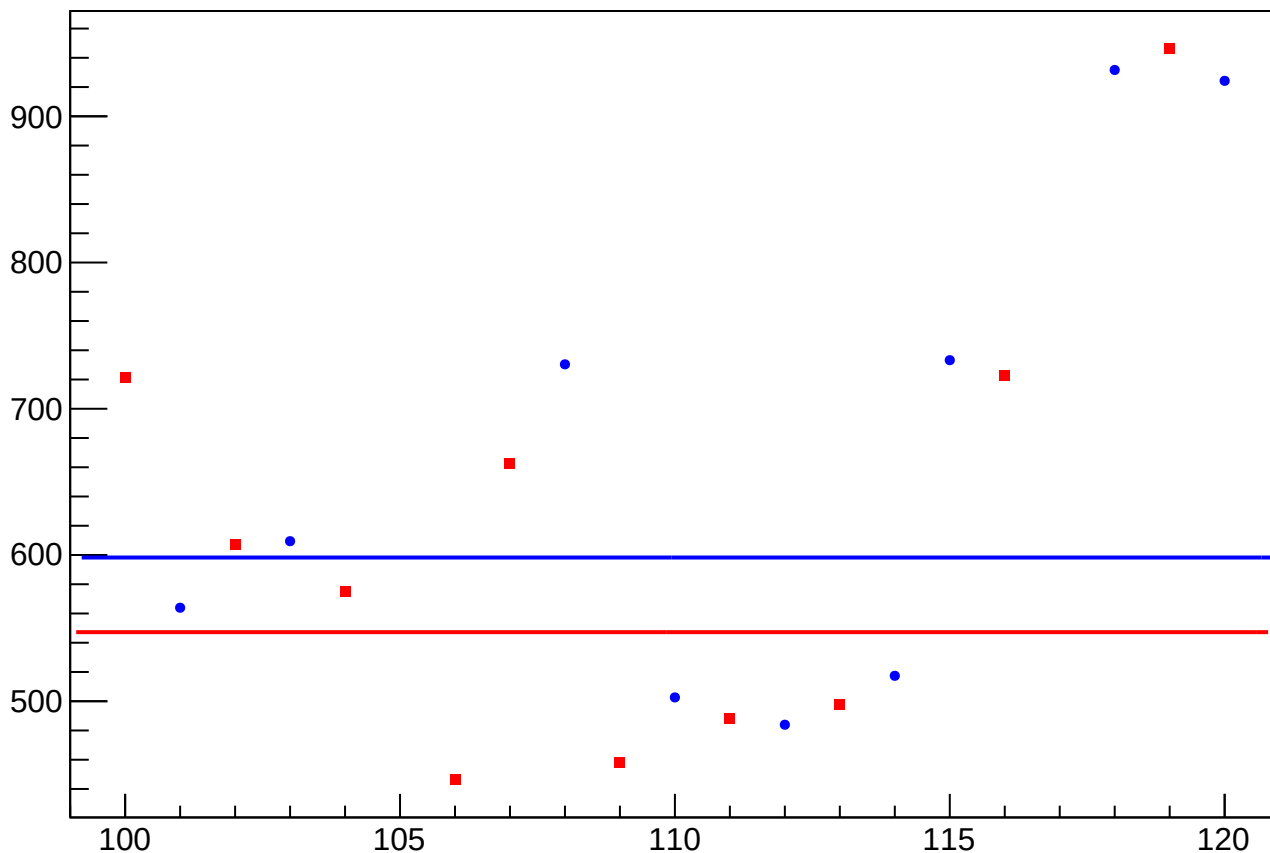
Right: -362.231 ± 209.386 $\chi^2/\text{NDF}: 21.3/18$

In: -92.755 ± 319.830 $\chi^2/\text{NDF}: 9.5/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -362.231 ± 209.386 $\chi^2/\text{NDF}: 21.3/18$

asym_sam_15_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 598.279+/-0.226 χ^2/NDF : 354263.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 547.244+/-0.196 χ^2/NDF : 373872.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

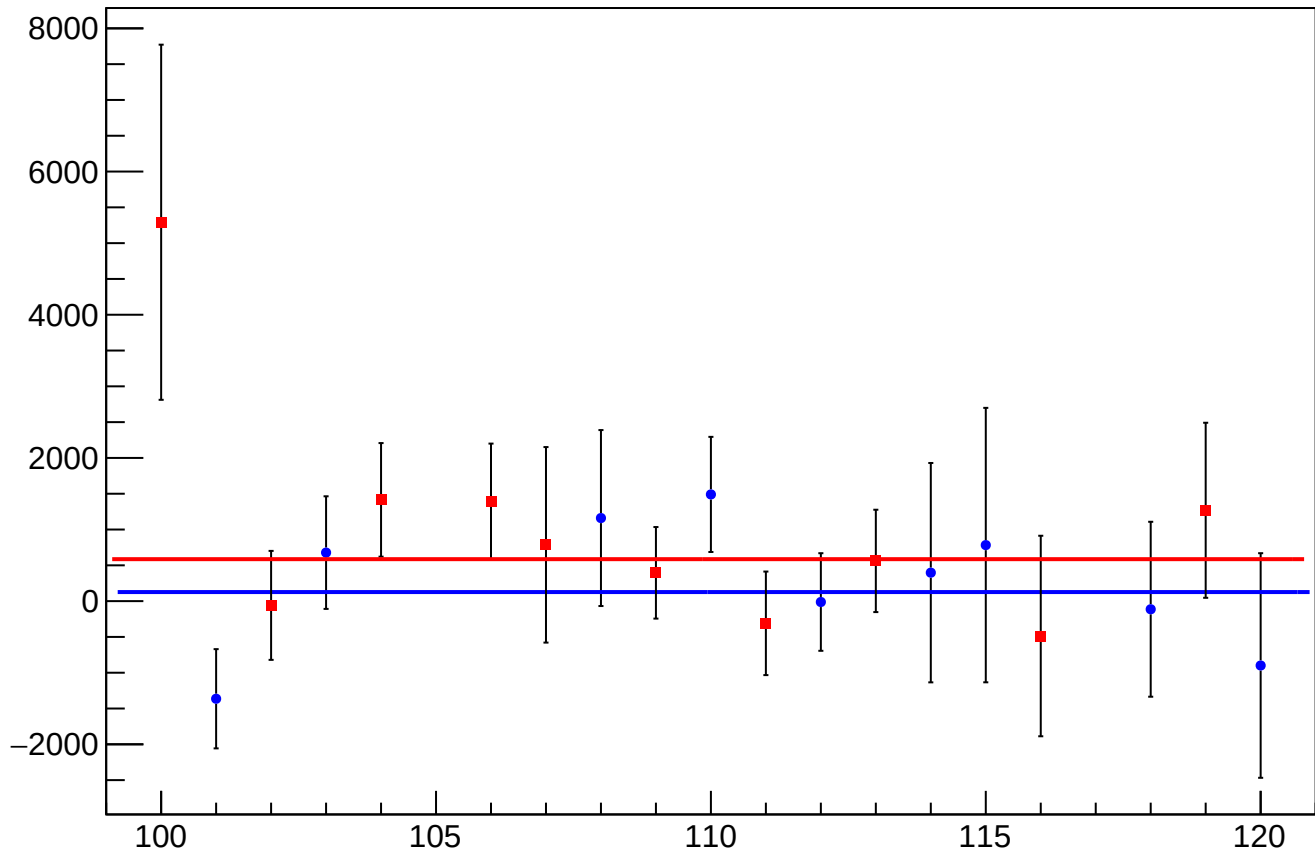
Right: 569.117+/-0.148 χ^2/NDF : 757234.8/18

In: 598.279+/-0.226 χ^2/NDF : 354263.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 569.117+/-0.148 χ^2/NDF : 757234.8/18

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 126.601+/-318.871 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 586.086+/-276.836 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

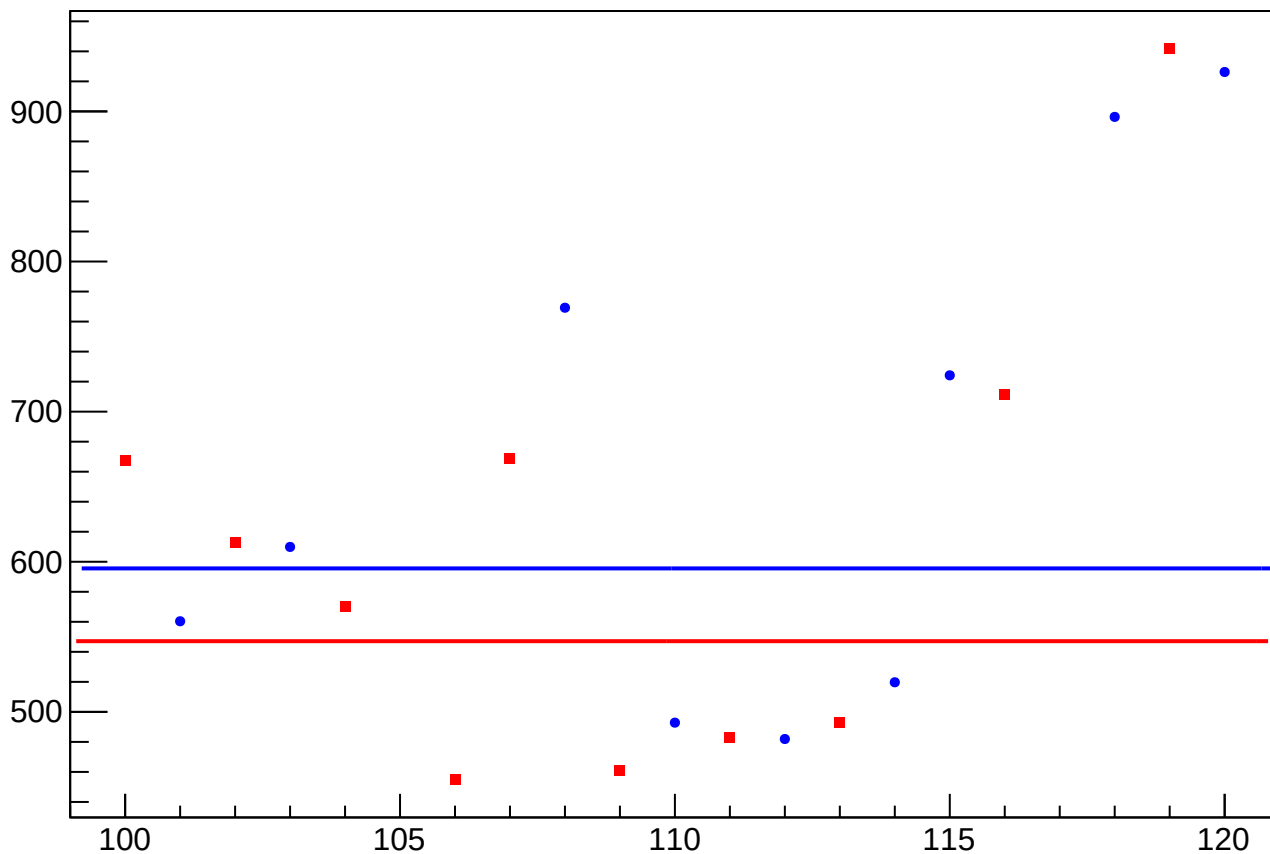
Right: 388.606+/-209.046 χ^2/NDF : 19.5/18

In: 126.601+/-318.871 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 388.606+/-209.046 χ^2/NDF : 19.5/18

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 595.569+/-0.225 χ^2/NDF : 358047.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 547.098+/-0.196 χ^2/NDF : 363287.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

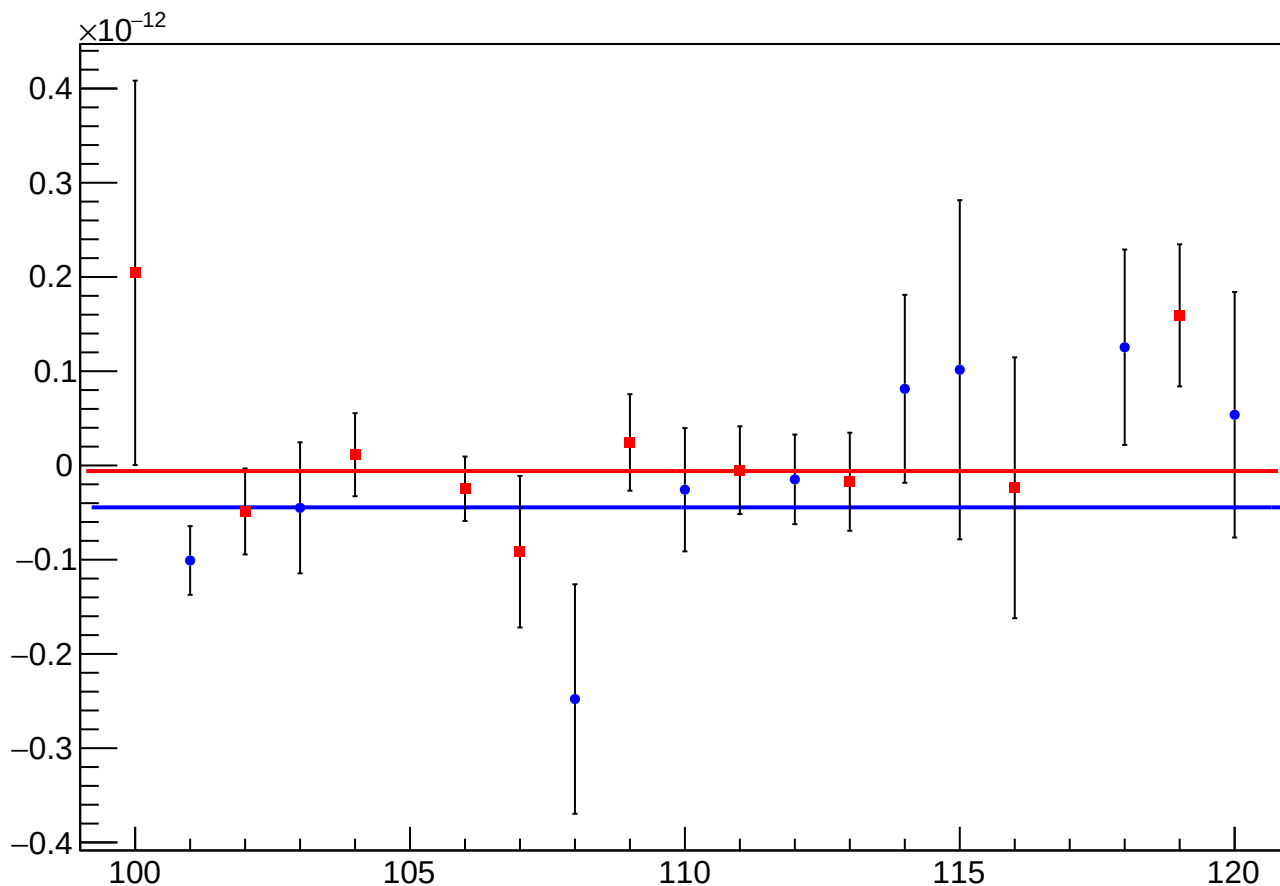
Right: 567.930+/-0.148 χ^2/NDF : 747685.4/18

In: 595.569+/-0.225 χ^2/NDF : 358047.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 567.930+/-0.148 χ^2/NDF : 747685.4/18

asym_sam_15_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

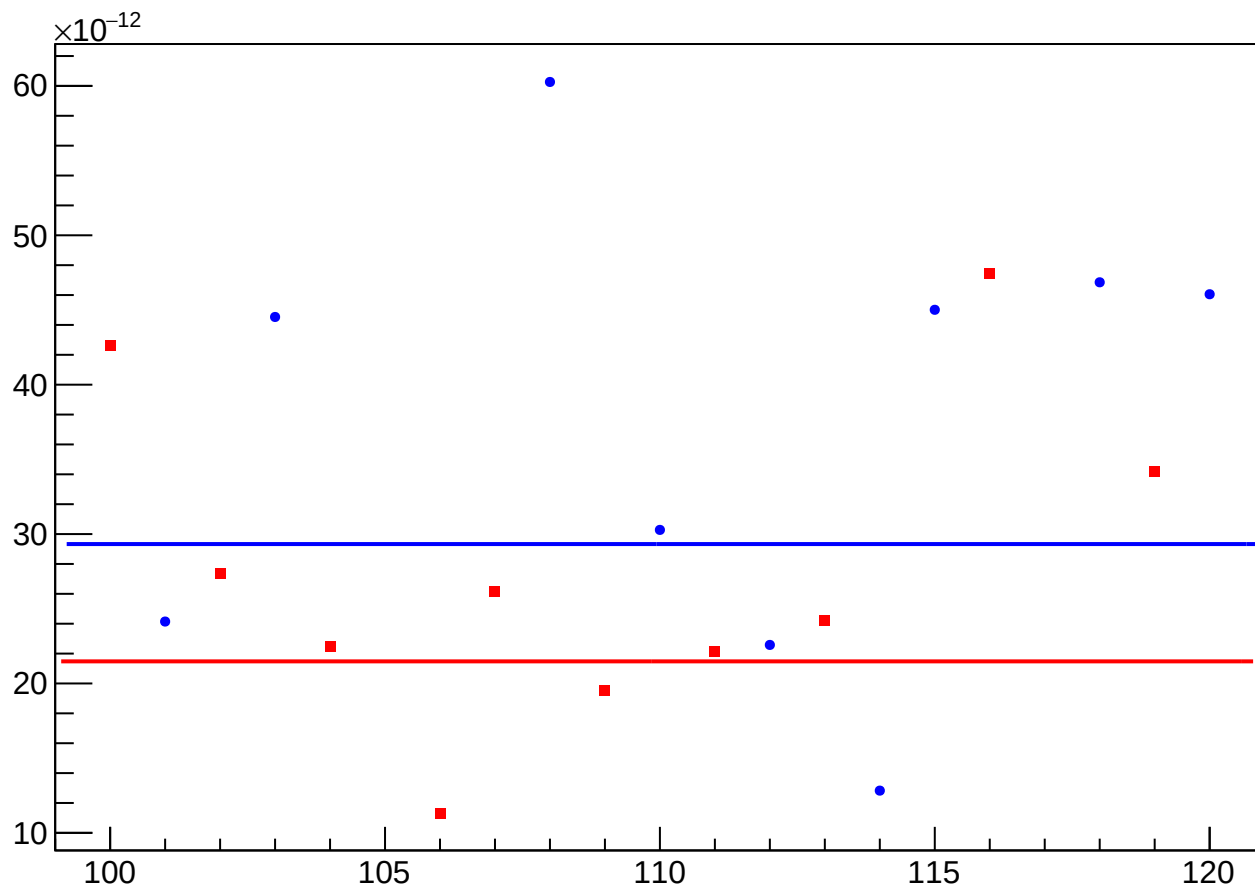
Right: -0.000+/-0.000 χ^2/NDF : 21.8/18

In: -0.000+/-0.000 χ^2/NDF : 11.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.8/18

asym_sam_15_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 465995.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 376572.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

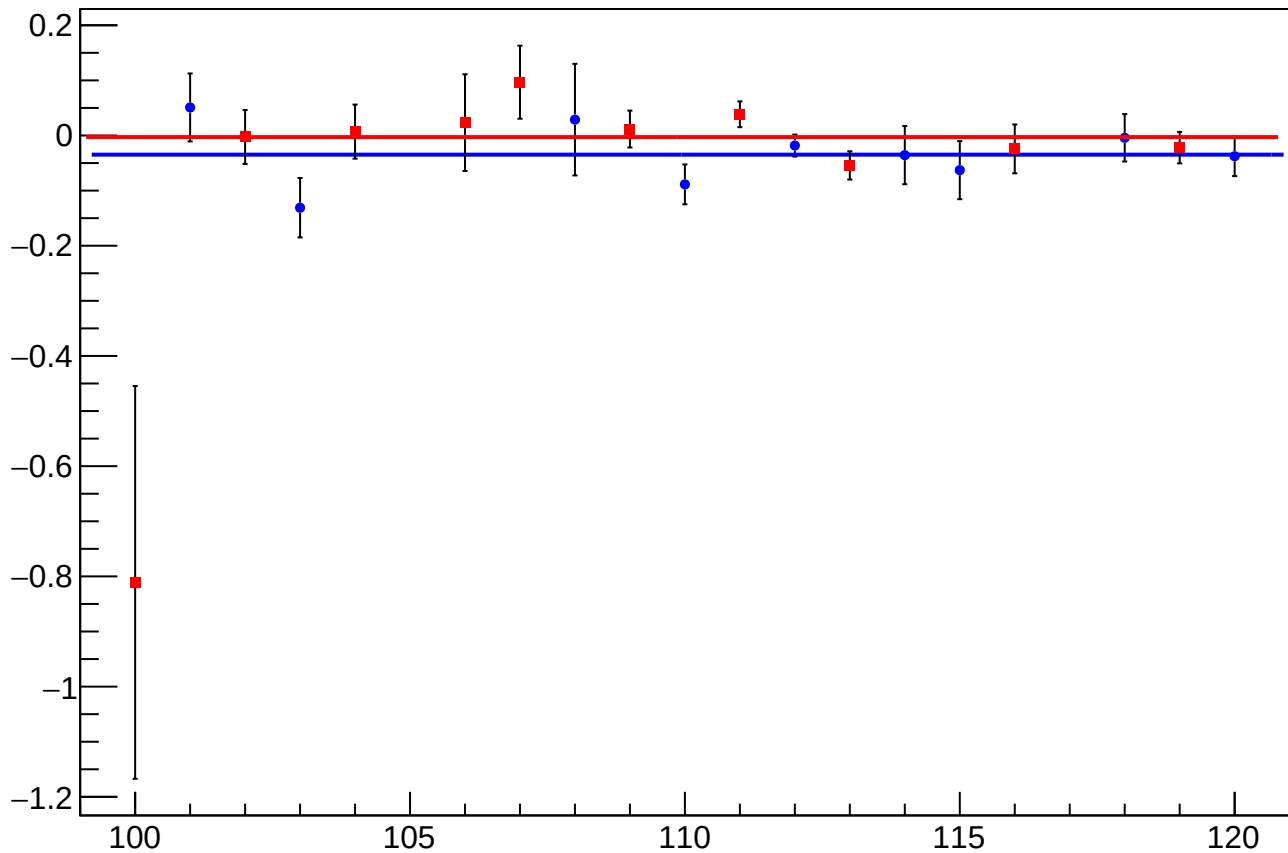
Right: 0.000+/-0.000 χ^2/NDF : 998399.0/18

In: 0.000+/-0.000 χ^2/NDF : 465995.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 998399.0/18

asym_sam_15_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.035+/-0.013 χ^2/NDF : 9.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.003+/-0.012 χ^2/NDF : 15.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

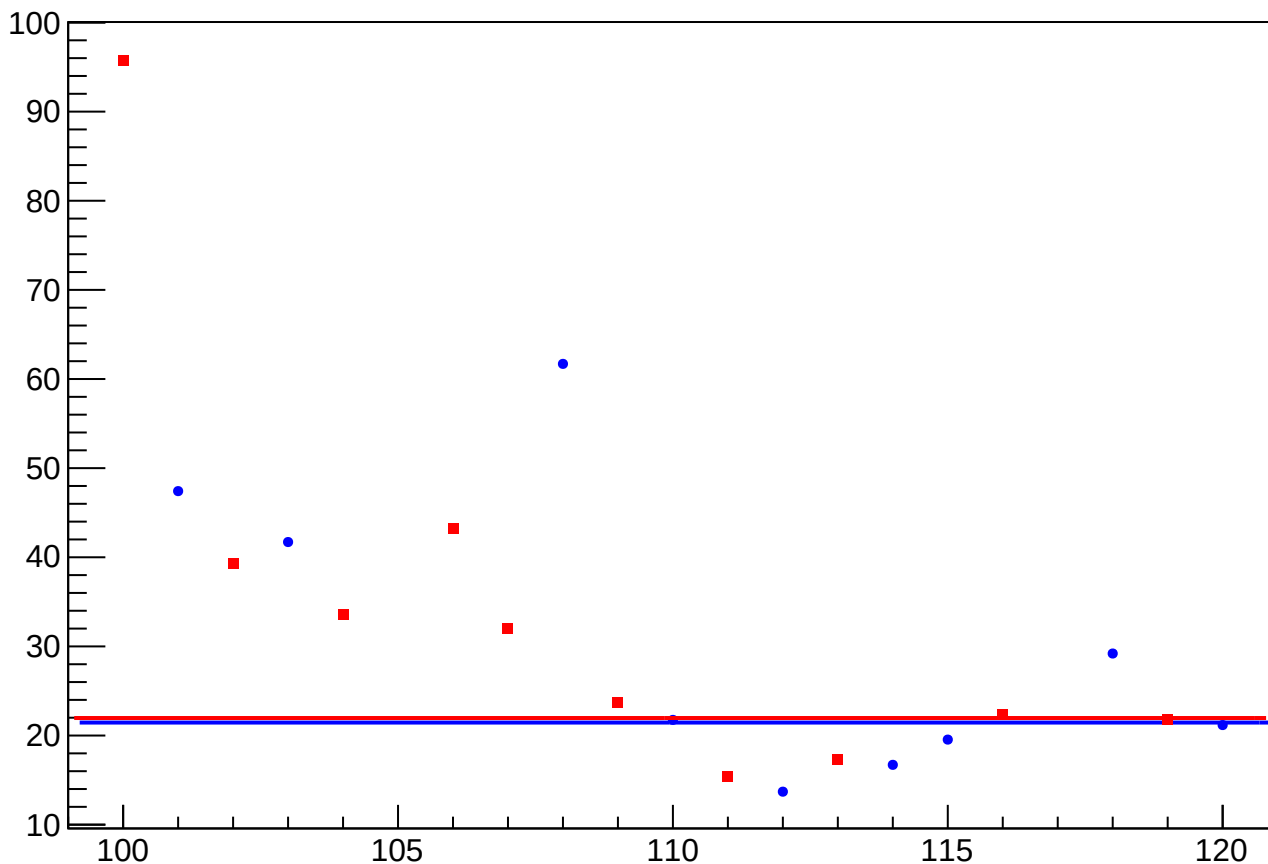
Right: -0.017+/-0.009 χ^2/NDF : 28.1/18

In: -0.035+/-0.013 χ^2/NDF : 9.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.017+/-0.009 χ^2/NDF : 28.1/18

asym_sam_15_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.457+/-0.009 χ^2/NDF : 1339706.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 21.966+/-0.008 χ^2/NDF : 841553.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

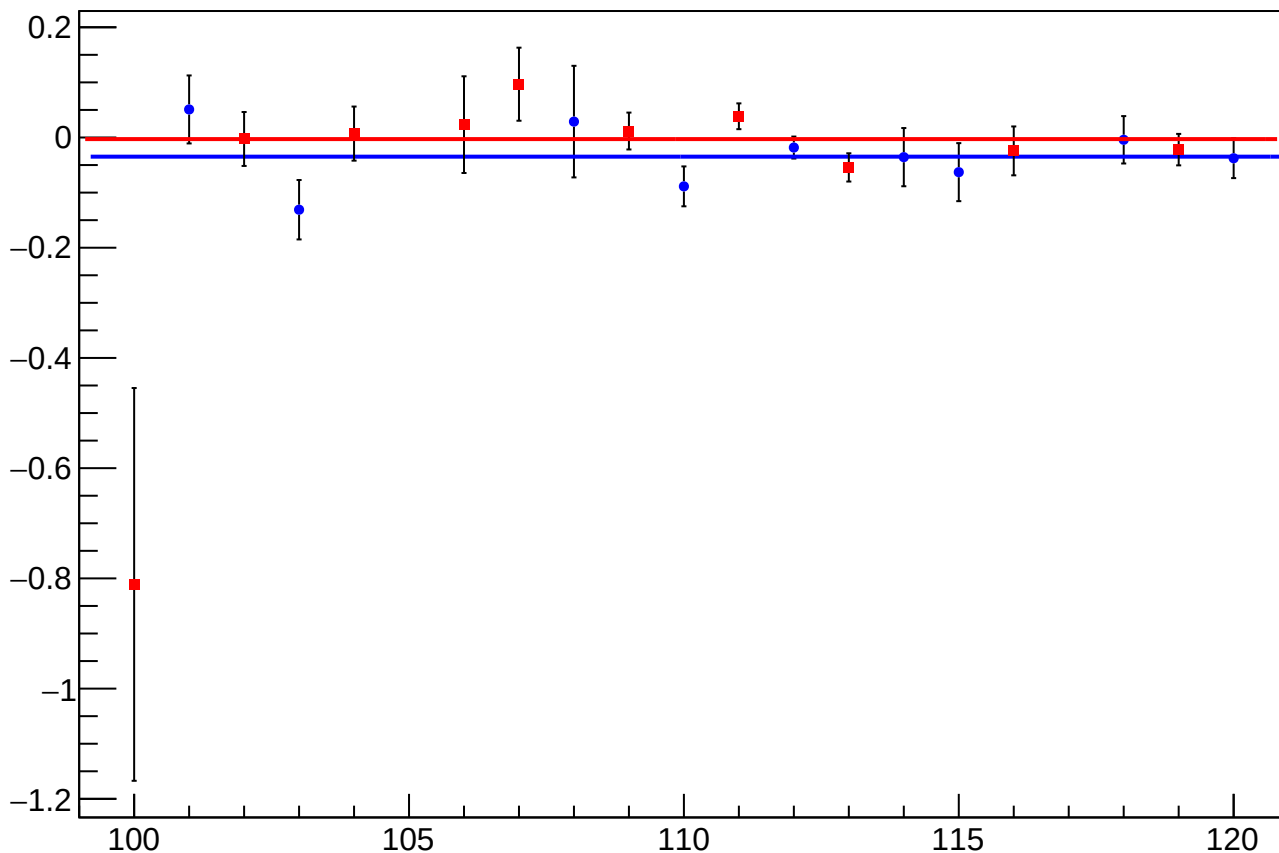
Right: 21.734+/-0.006 χ^2/NDF : 2182958.2/18

In: 21.457+/-0.009 χ^2/NDF :1339706.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 21.734+/-0.006 χ^2/NDF : 2182958.2/18

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.035 $\pm$ 0.013 χ^2 /NDF: 9.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.003 $\pm$ 0.012 χ^2 /NDF: 15.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

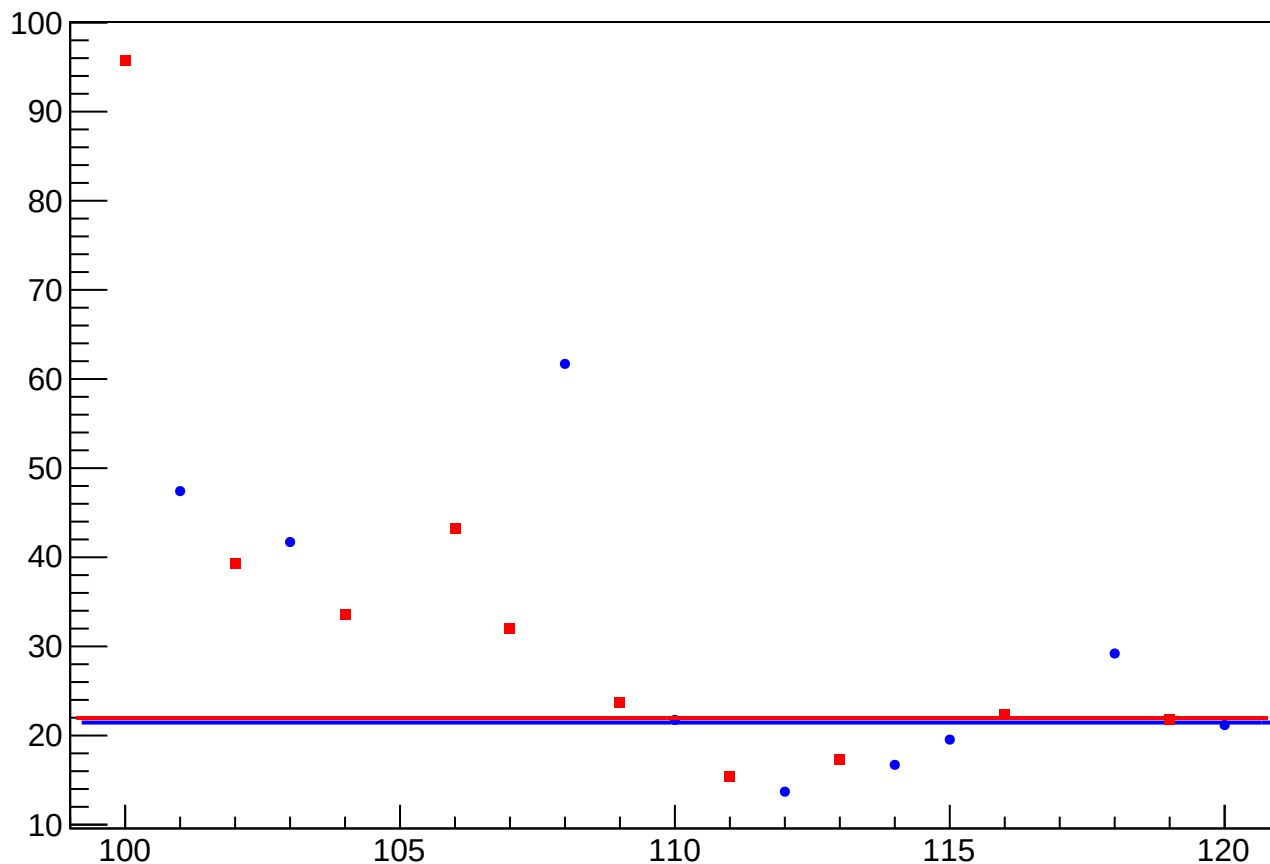
Right: -0.017 $\pm$ 0.009 χ^2 /NDF: 28.1/18

In: -0.035 $\pm$ 0.013 χ^2 /NDF:9.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.017 $\pm$ 0.009 χ^2 /NDF: 28.1/18

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.457+/-0.009 χ^2/NDF : 1339706.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.966+/-0.008 χ^2/NDF : 841553.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

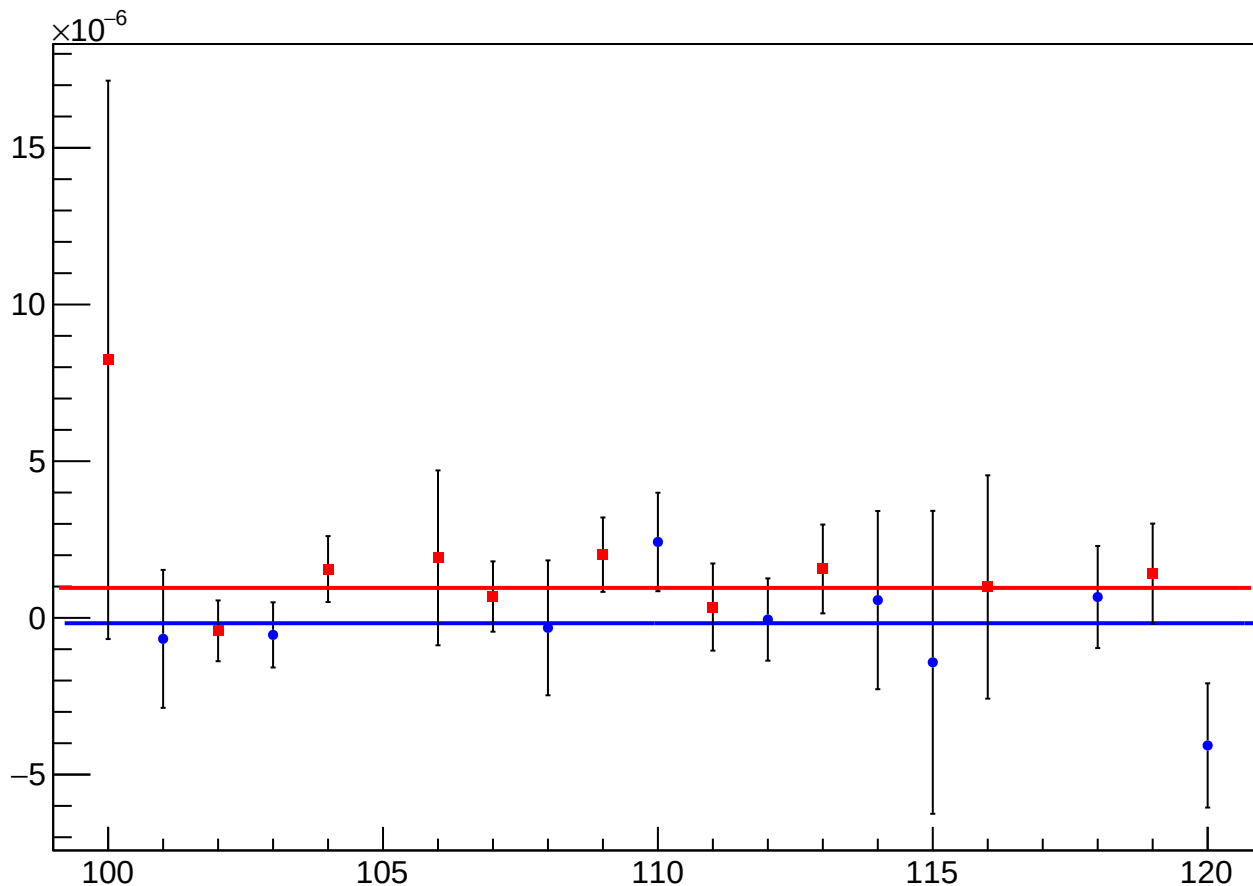
Right: 21.734+/-0.006 χ^2/NDF : 2182958.2/18

In: 21.457+/-0.009 χ^2/NDF : 1339706.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.734+/-0.006 χ^2/NDF : 2182958.2/18

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

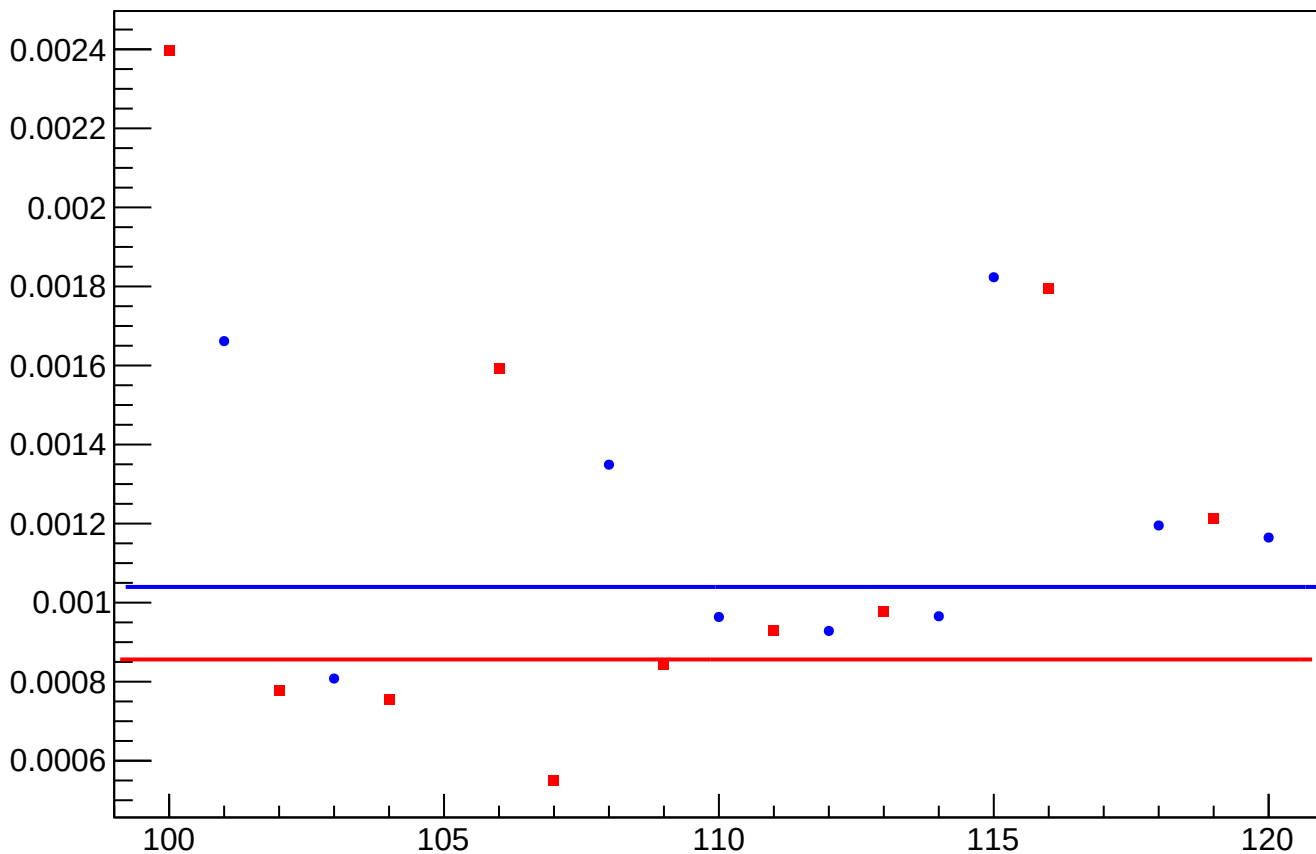
Right: 0.000+/-0.000 χ^2/NDF : 14.1/18

In: -0.000+/-0.000 χ^2/NDF : 7.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.1/18

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 399575.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 638196.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

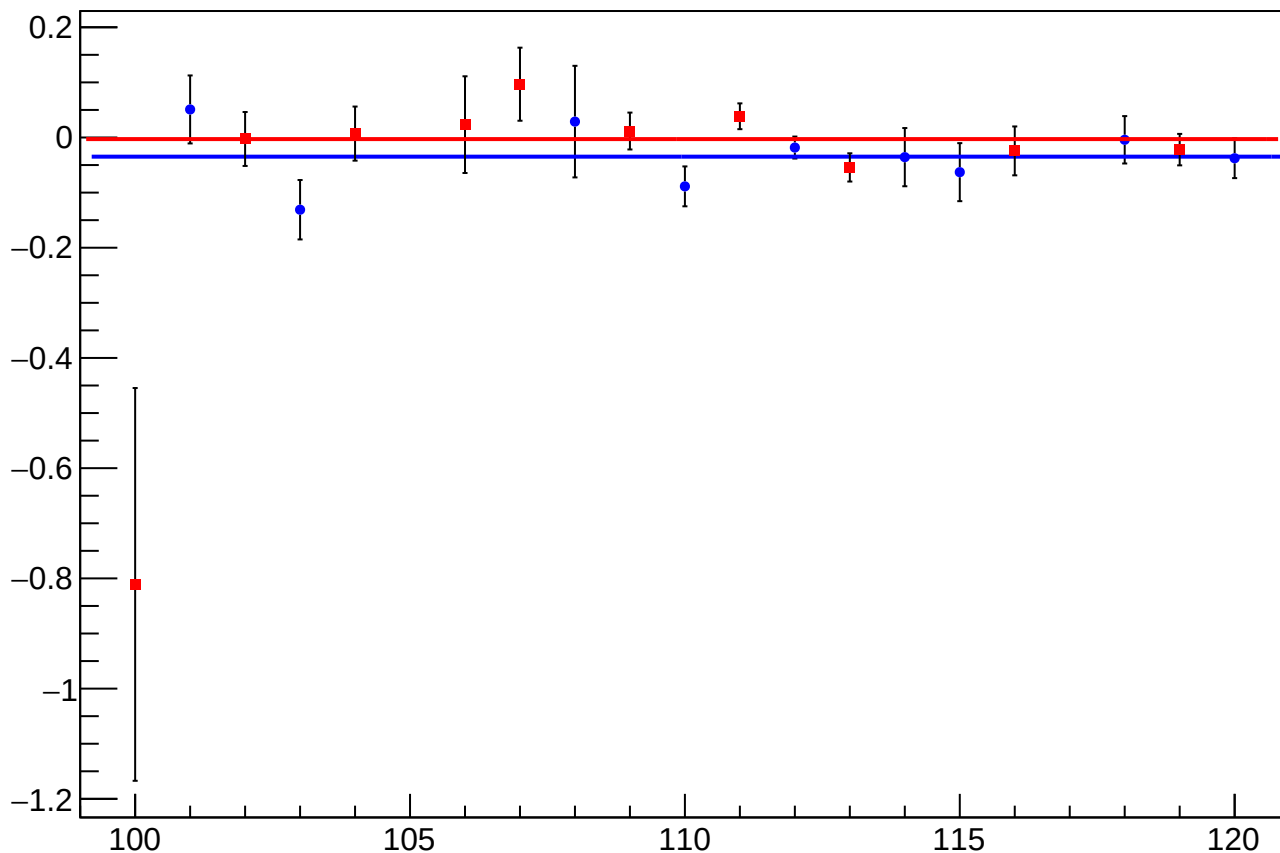
Right: 0.001+/-0.000 χ^2/NDF : 1168410.2/18

In: 0.001+/-0.000 χ^2/NDF : 399575.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1168410.2/18

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.035±0.013 χ^2 /NDF: 9.2/8

Left Out: 0.000±0.000 χ^2 /NDF:0.0/0

Right Out: -0.003±0.012 χ^2 /NDF: 15.6/9

Left In: 0.000±0.000 χ^2 /NDF:0.0/0

Left: 0.000±0.000 χ^2 /NDF: 0.0/0

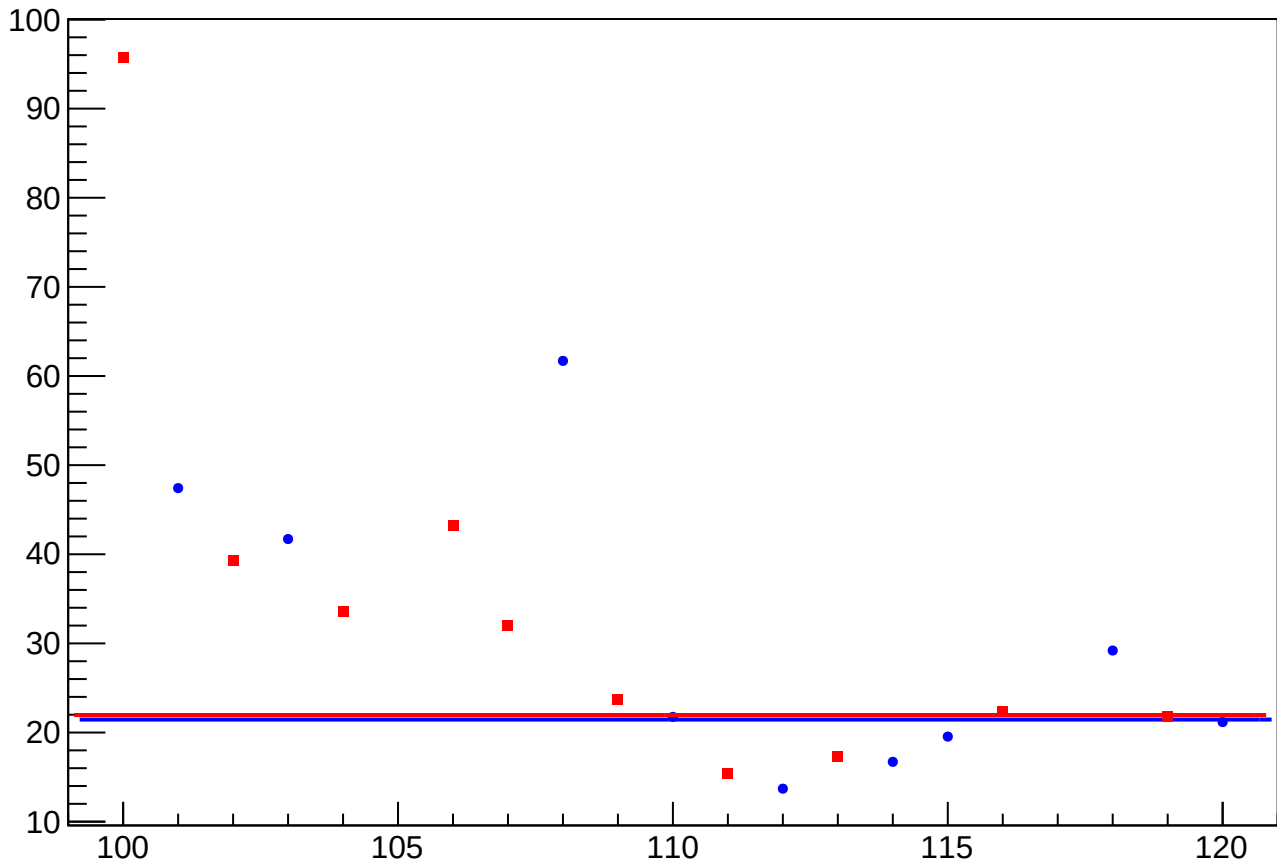
Right: -0.017±0.009 χ^2 /NDF: 28.1/18

In: -0.035±0.013 χ^2 /NDF:9.2/8

Out: 0.000±0.000 χ^2 /NDF:0.0/0

All: -0.017±0.009 χ^2 /NDF: 28.1/18

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.456+/-0.009 χ^2/NDF : 1339742.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.966+/-0.008 χ^2/NDF : 841602.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

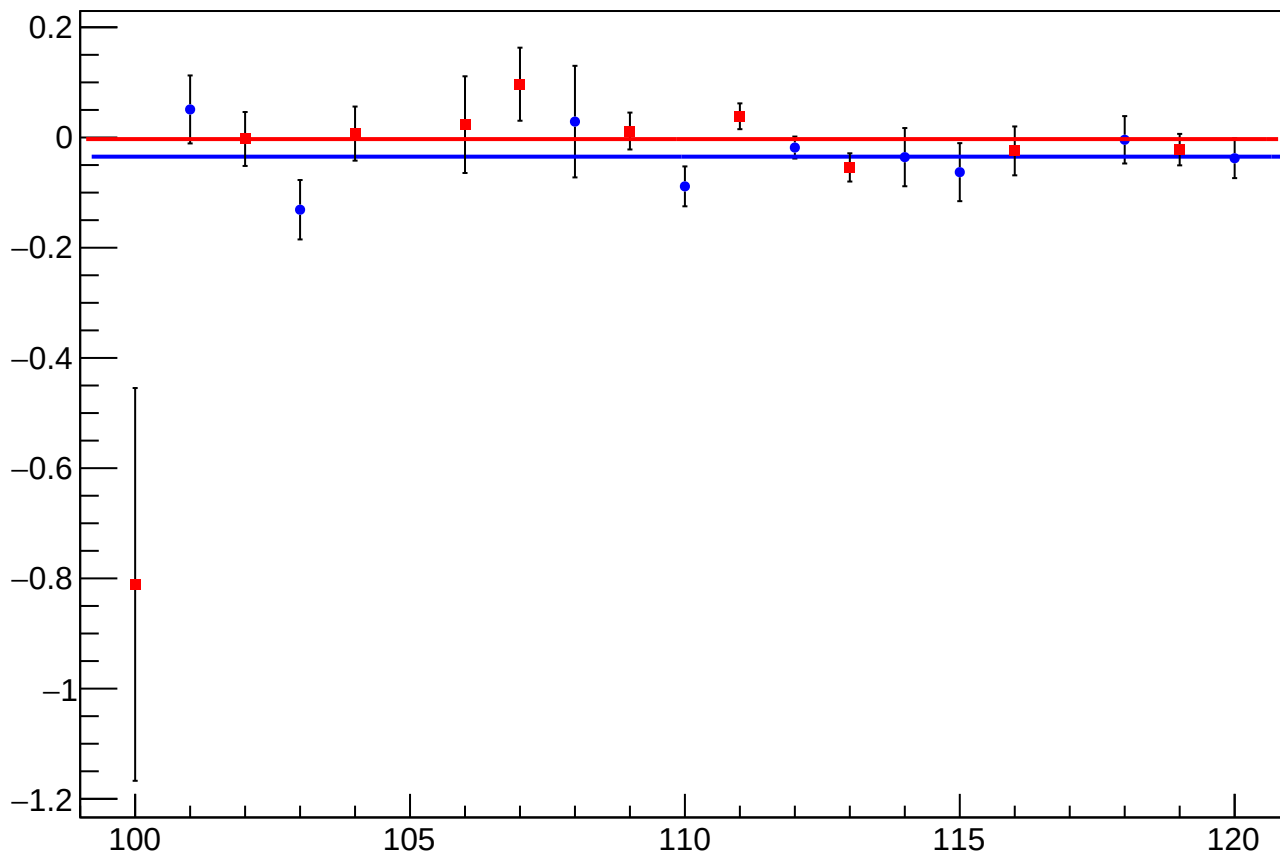
Right: 21.733+/-0.006 χ^2/NDF : 2183043.5/18

In: 21.456+/-0.009 χ^2/NDF : 1339742.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.733+/-0.006 χ^2/NDF : 2183043.5/18

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.035 $\pm$ 0.013 χ^2 /NDF: 9.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.003 $\pm$ 0.012 χ^2 /NDF: 15.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

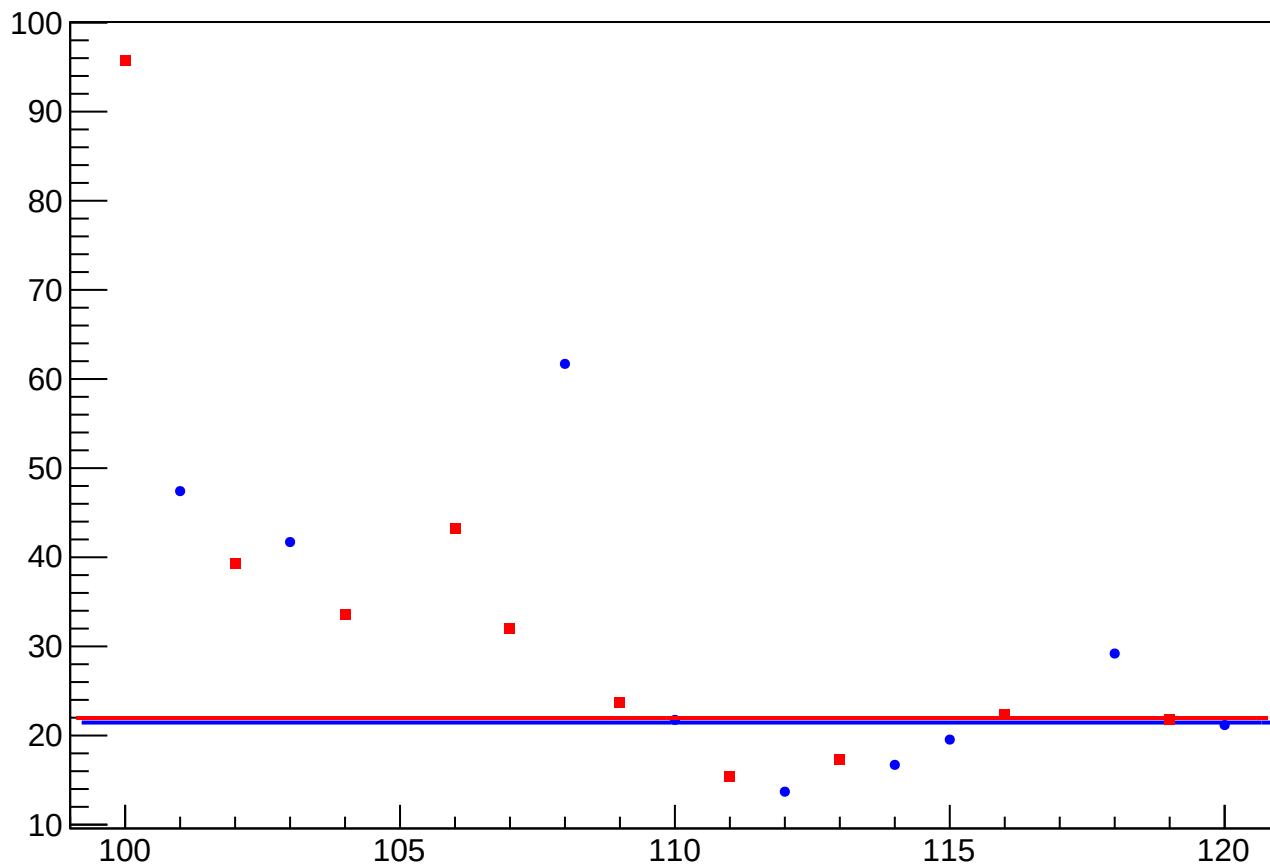
Right: -0.017 $\pm$ 0.009 χ^2 /NDF: 28.1/18

In: -0.035 $\pm$ 0.013 χ^2 /NDF:9.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.017 $\pm$ 0.009 χ^2 /NDF: 28.1/18

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.456+/-0.009 χ^2/NDF : 1339742.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.966+/-0.008 χ^2/NDF : 841602.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

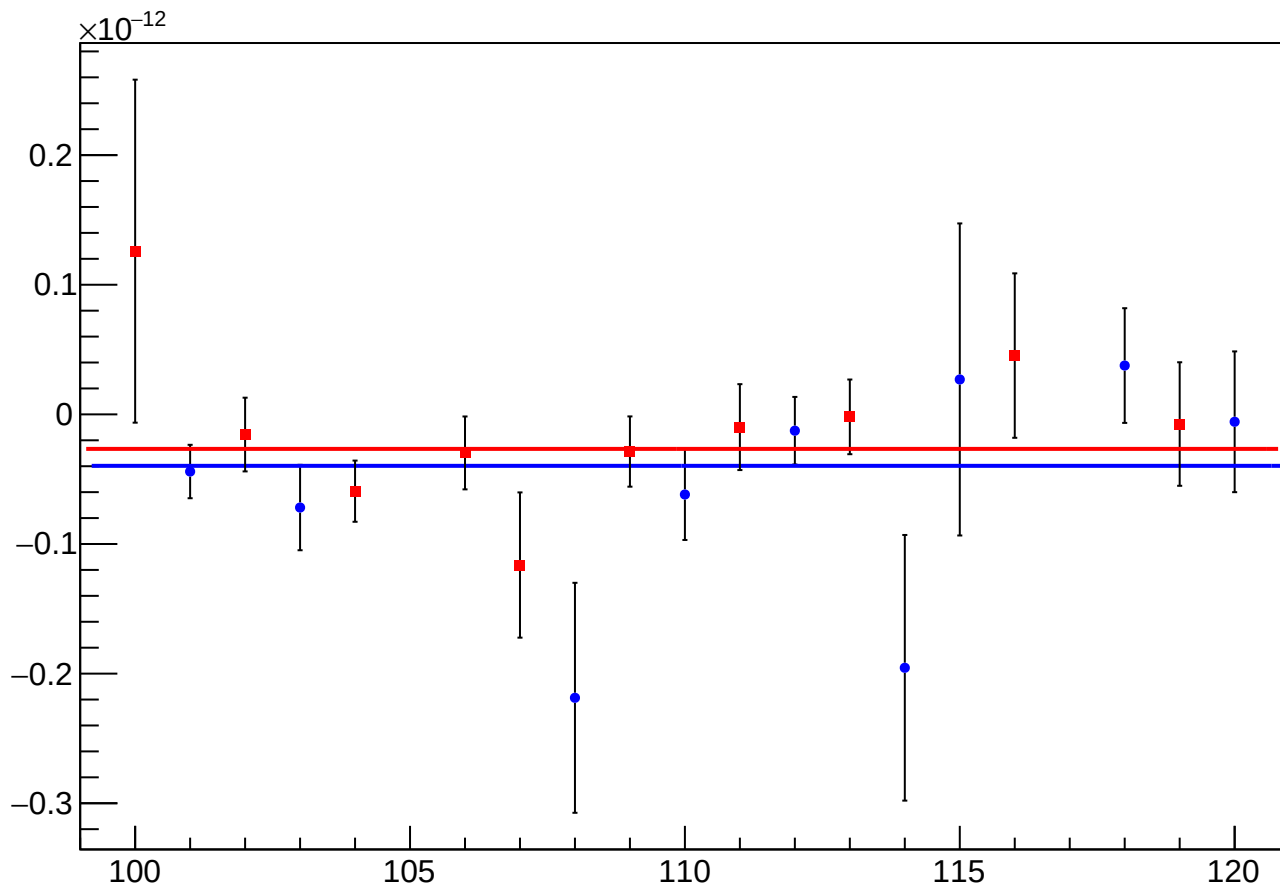
Right: 21.733+/-0.006 χ^2/NDF : 2183043.5/18

In: 21.456+/-0.009 χ^2/NDF : 1339742.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.733+/-0.006 χ^2/NDF : 2183043.5/18

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

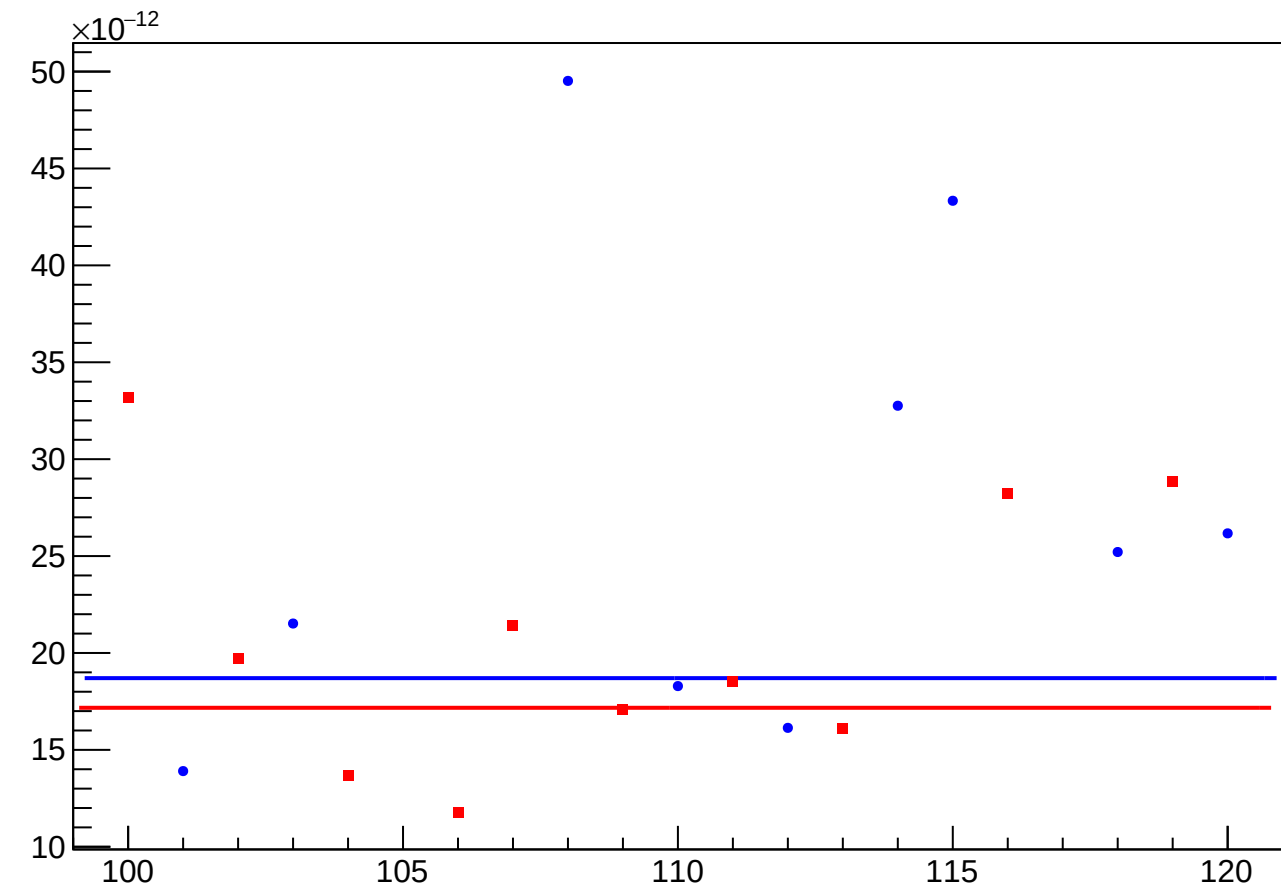
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 21.7/18

In: -0.000 $\pm$ 0.000 χ^2 /NDF:12.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 21.7/18

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 586579.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 360893.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

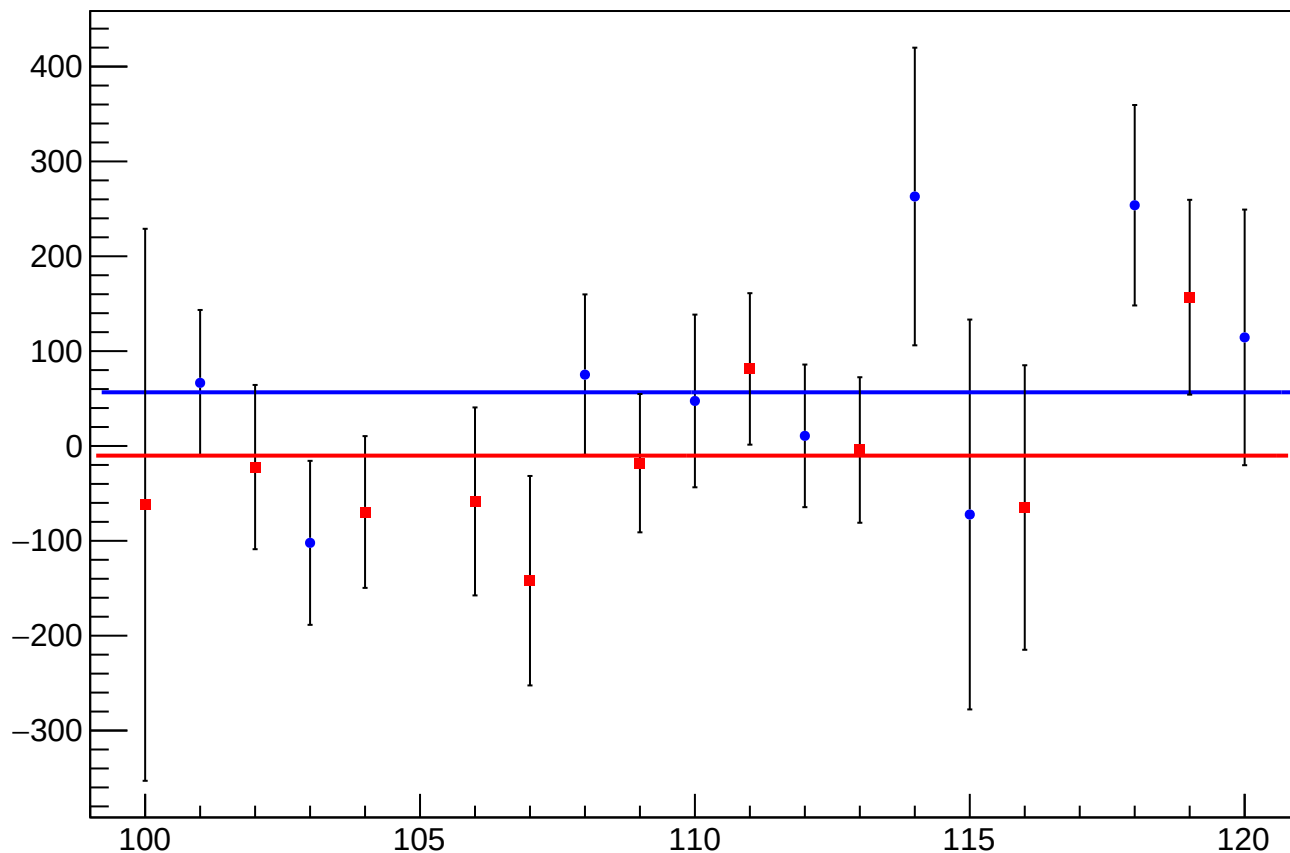
Right: 0.000+/-0.000 χ^2/NDF : 965320.2/18

In: 0.000+/-0.000 χ^2/NDF : 586579.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 965320.2/18

reg_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 56.598+/-32.456 χ^2/NDF : 9.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.162+/-29.625 χ^2/NDF : 6.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

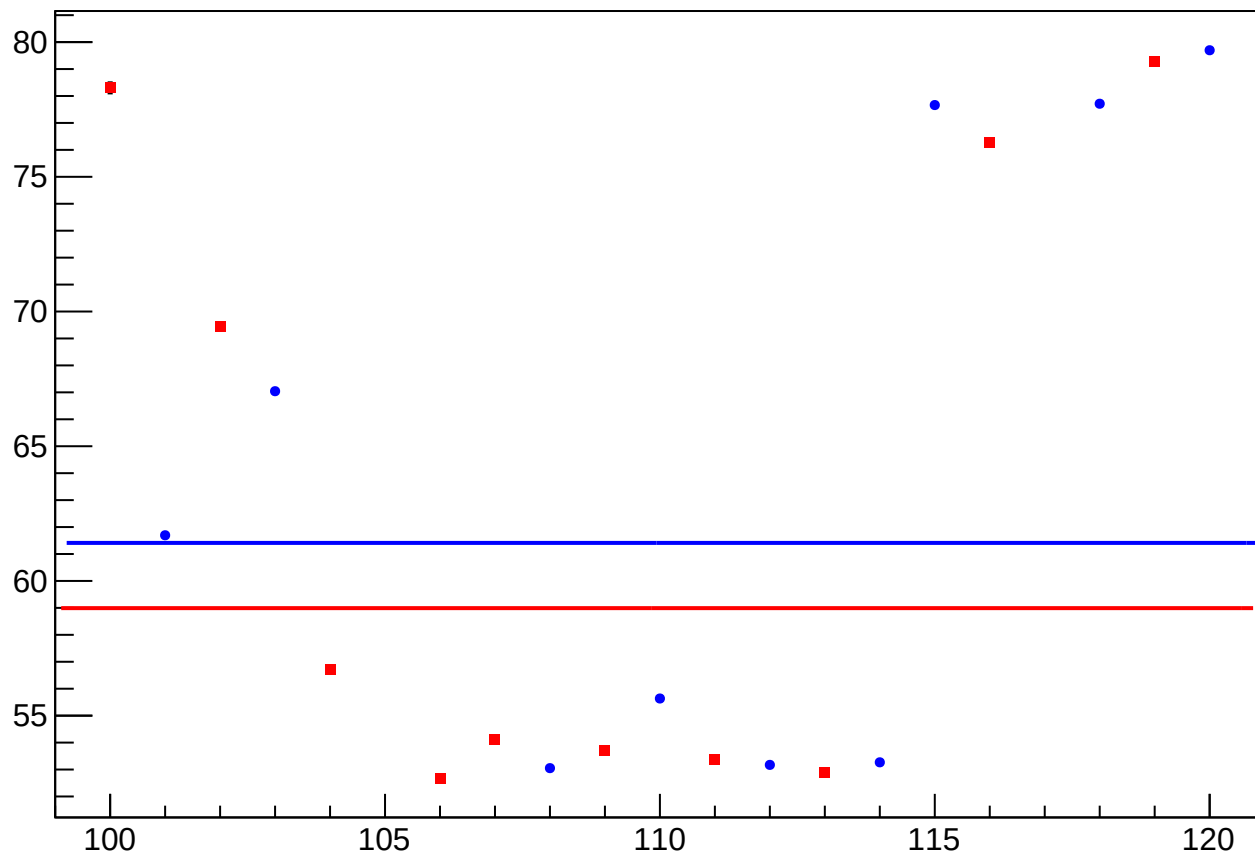
Right: 20.181+/-21.881 χ^2/NDF : 18.3/18

In: 56.598+/-32.456 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.181+/-21.881 χ^2/NDF : 18.3/18

reg_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 61.412+/-0.023 χ^2/NDF : 162424.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.991+/-0.021 χ^2/NDF : 189352.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

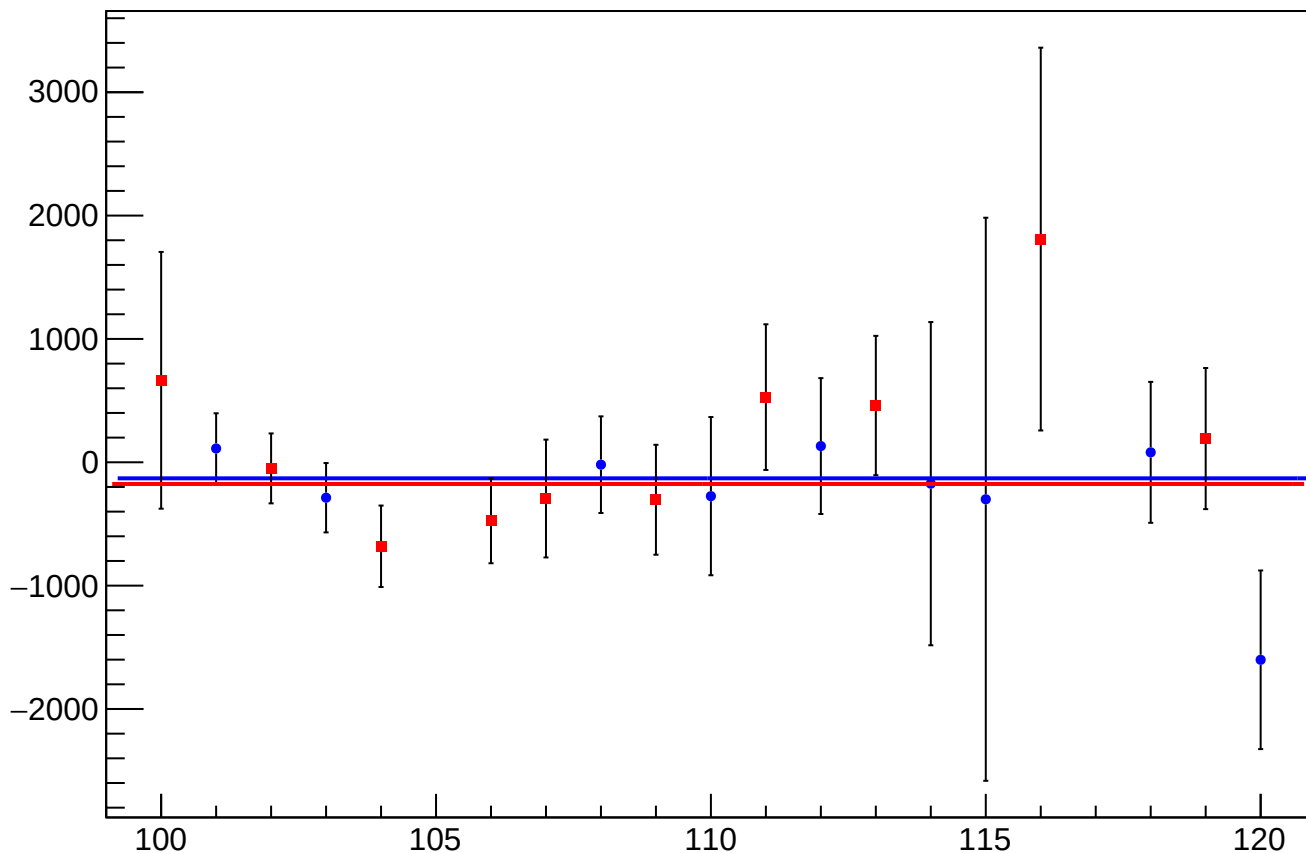
Right: 60.091+/-0.015 χ^2/NDF : 357848.7/18

In: 61.412+/-0.023 χ^2/NDF : 162424.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.091+/-0.015 χ^2/NDF : 357848.7/18

asym_sam_37_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -130.129+/-152.627 χ^2/NDF : 5.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -175.896+/-141.590 χ^2/NDF : 8.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

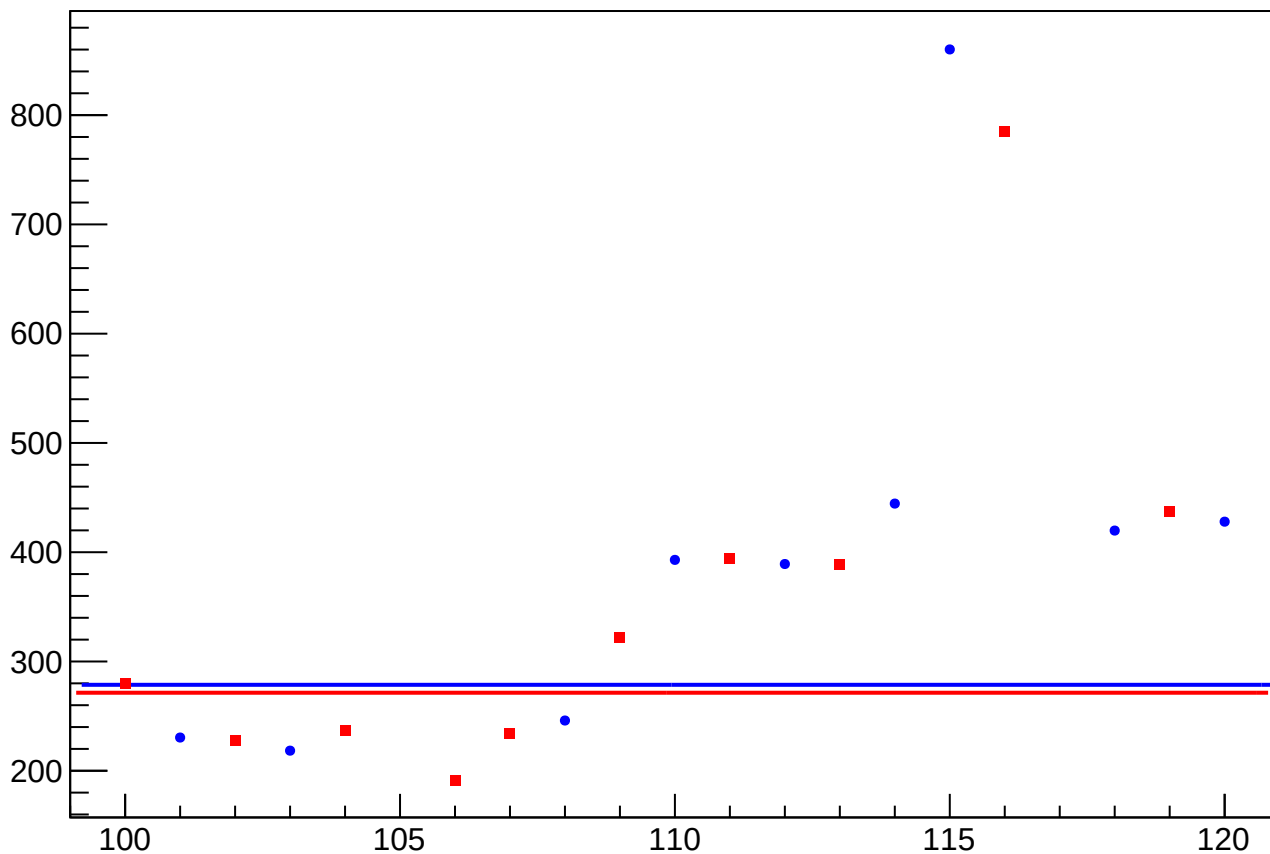
Right: -154.727+/-103.802 χ^2/NDF : 14.5/18

In: -130.129+/-152.627 χ^2/NDF : 5.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -154.727+/-103.802 χ^2/NDF : 14.5/18

asym_sam_37_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 278.659+/-0.108 χ^2/NDF : 676149.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 271.406+/-0.100 χ^2/NDF : 776995.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

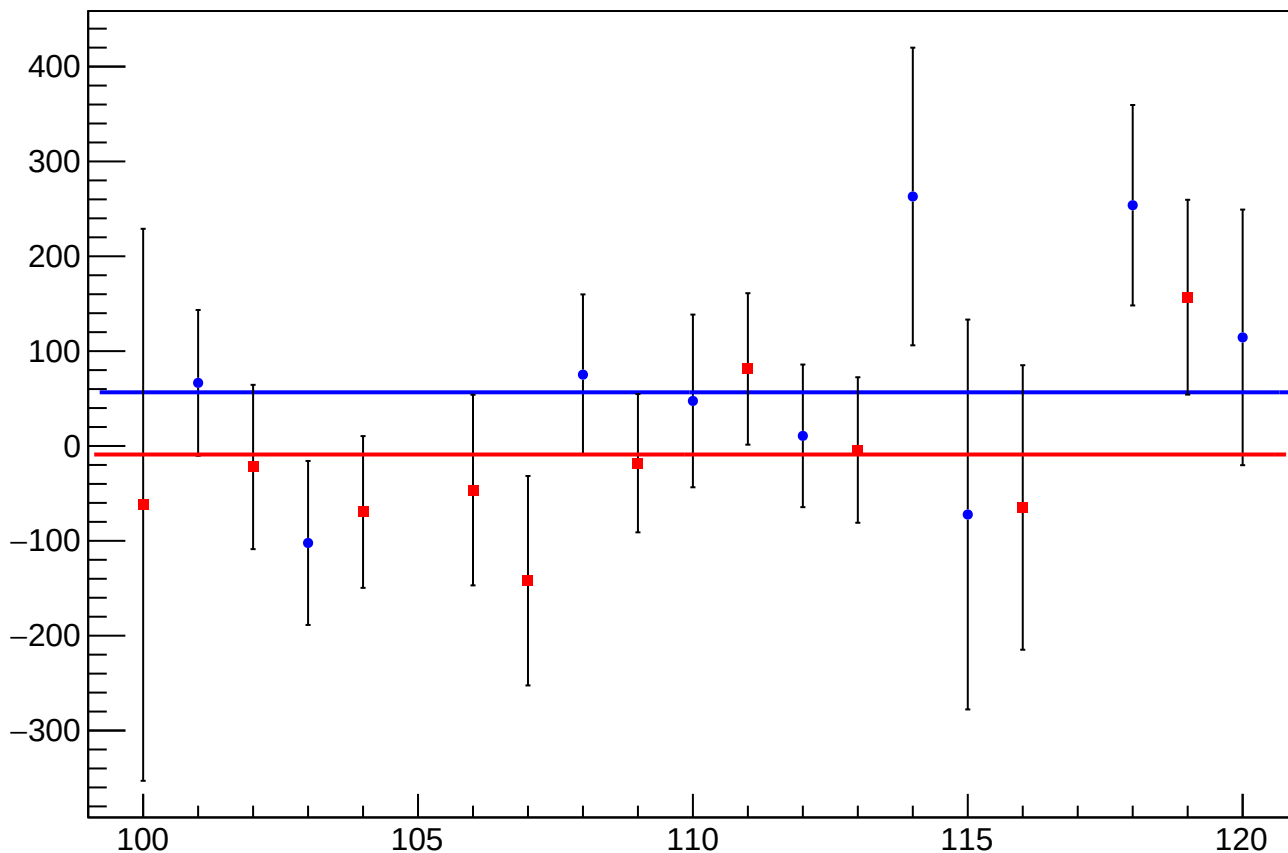
Right: 274.761+/-0.073 χ^2/NDF : 1455572.0/18

In: 278.659+/-0.108 χ^2/NDF : 676149.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 274.761+/-0.073 χ^2/NDF : 1455572.0/18

cor_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 56.590+/-32.456 χ^2/NDF : 9.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.983+/-29.663 χ^2/NDF : 6.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

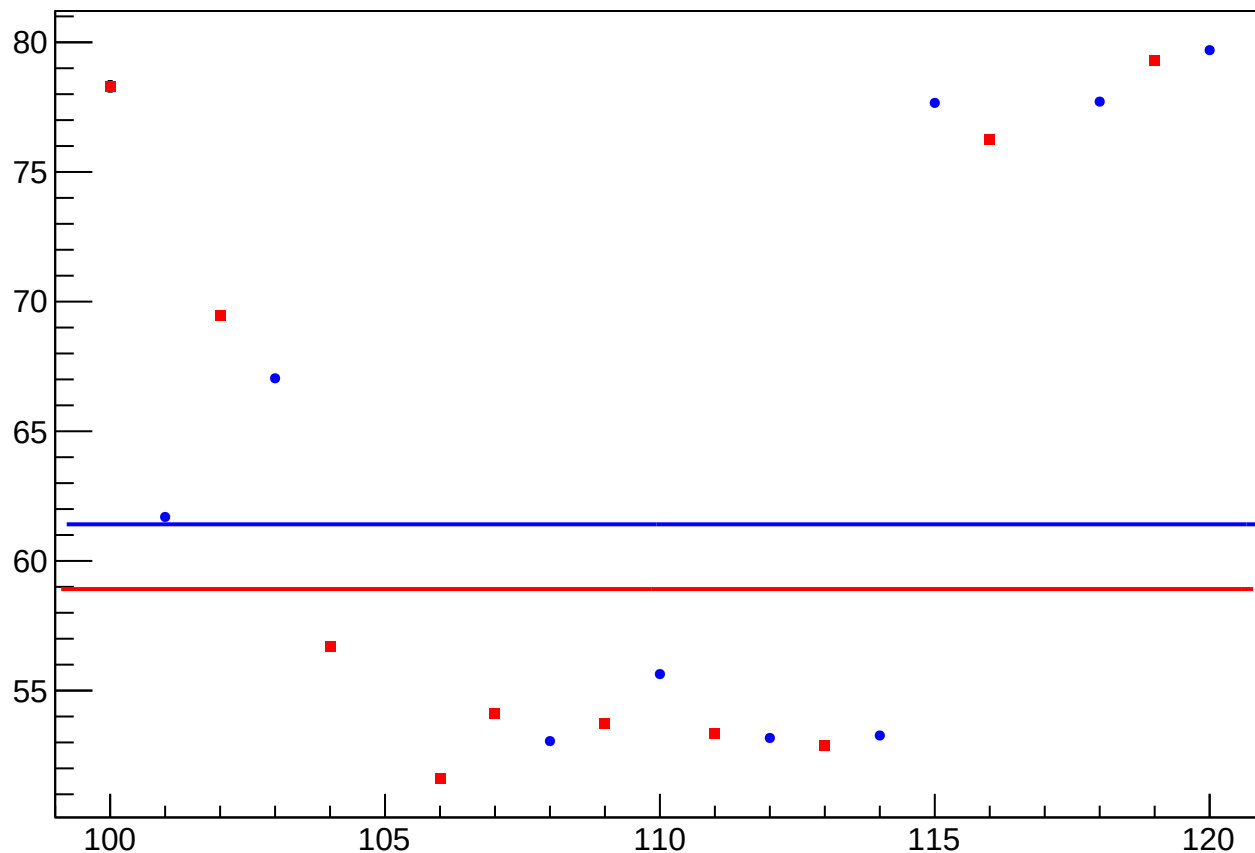
Right: 20.861+/-21.896 χ^2/NDF : 18.1/18

In: 56.590+/-32.456 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.861+/-21.896 χ^2/NDF : 18.1/18

cor_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 61.412+/-0.023 χ^2/NDF : 162424.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.915+/-0.021 χ^2/NDF : 192087.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

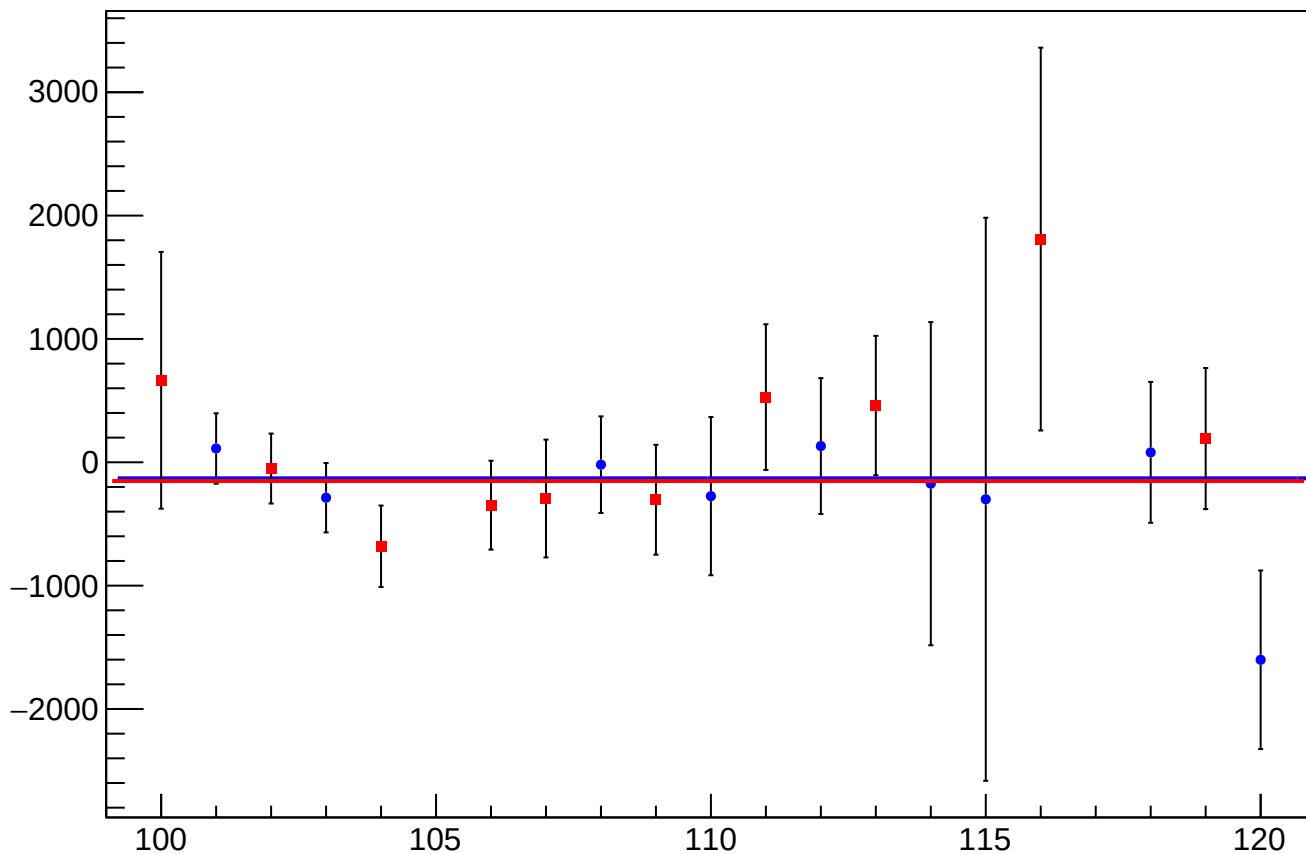
Right: 60.052+/-0.015 χ^2/NDF : 360960.8/18

In: 61.412+/-0.023 χ^2/NDF : 162424.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.052+/-0.015 χ^2/NDF : 360960.8/18

asym_sam_37_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -130.107+/-152.628 χ^2/NDF : 5.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -151.939+/-142.667 χ^2/NDF : 8.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

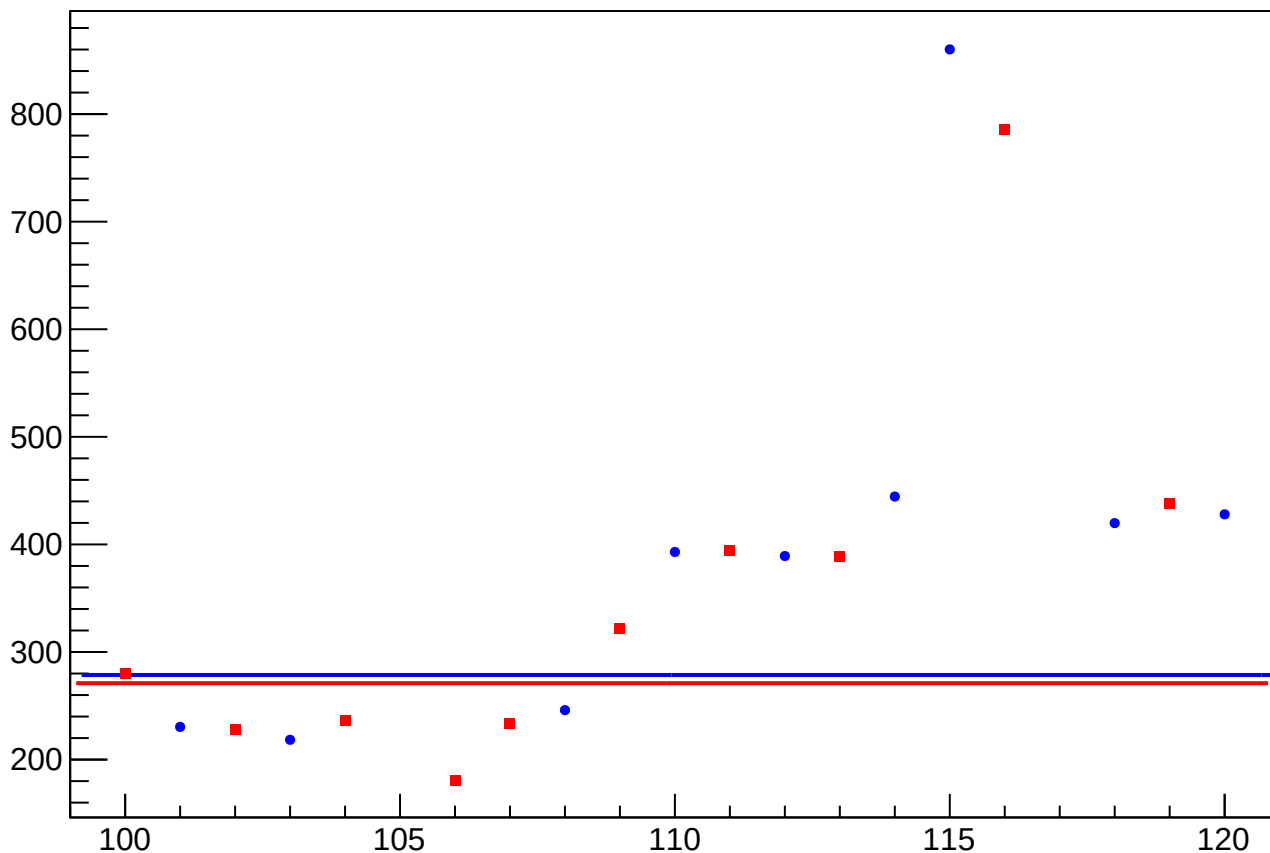
Right: -141.759+/-104.224 χ^2/NDF : 13.9/18

In: -130.107+/-152.628 χ^2/NDF :5.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -141.759+/-104.224 χ^2/NDF : 13.9/18

asym_sam_37_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 278.662+/-0.108 χ^2/NDF : 676119.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 271.013+/-0.101 χ^2/NDF : 794827.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

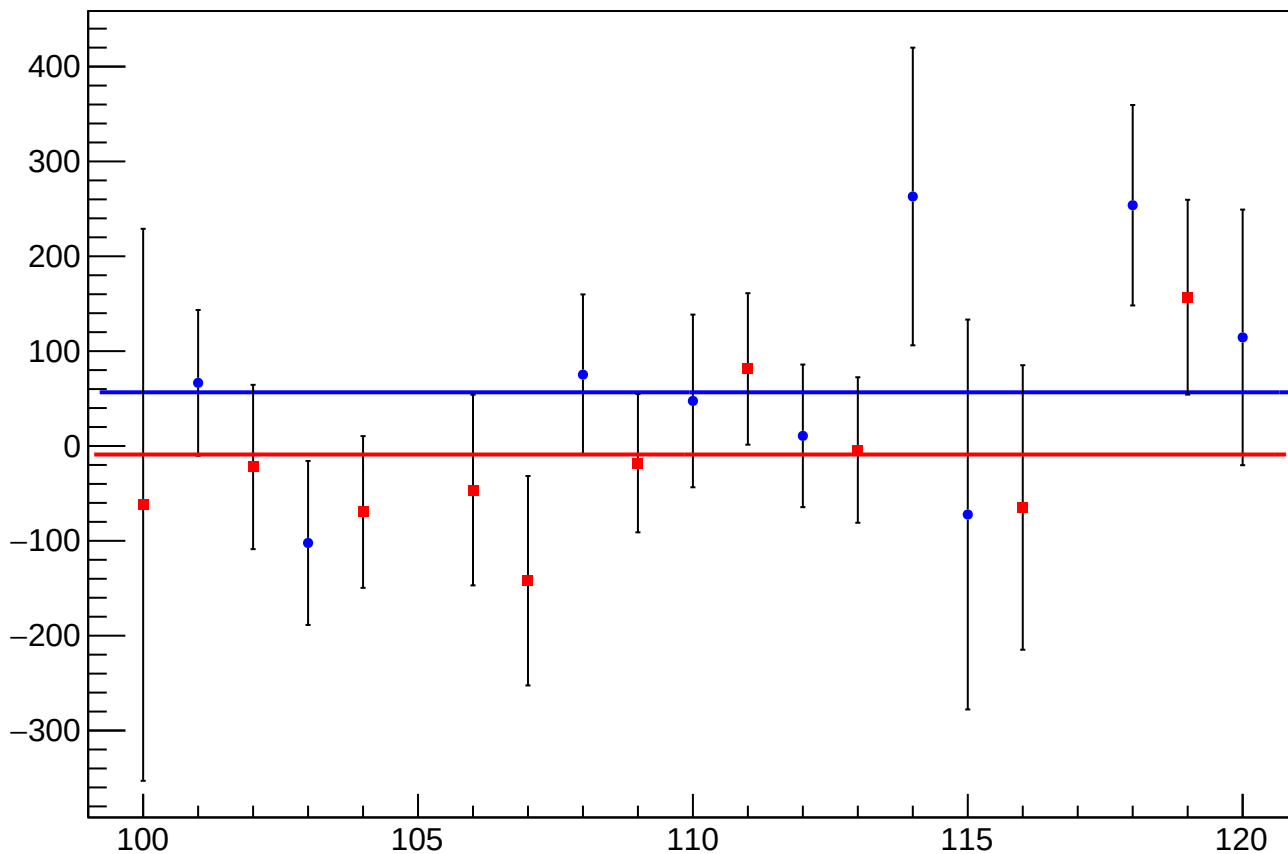
Right: 274.580+/-0.074 χ^2/NDF : 1473627.5/18

In: 278.662+/-0.108 χ^2/NDF : 676119.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 274.580+/-0.074 χ^2/NDF : 1473627.5/18

eigen_cor_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 56.590+/-32.456 χ^2/NDF : 9.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.983+/-29.663 χ^2/NDF : 6.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

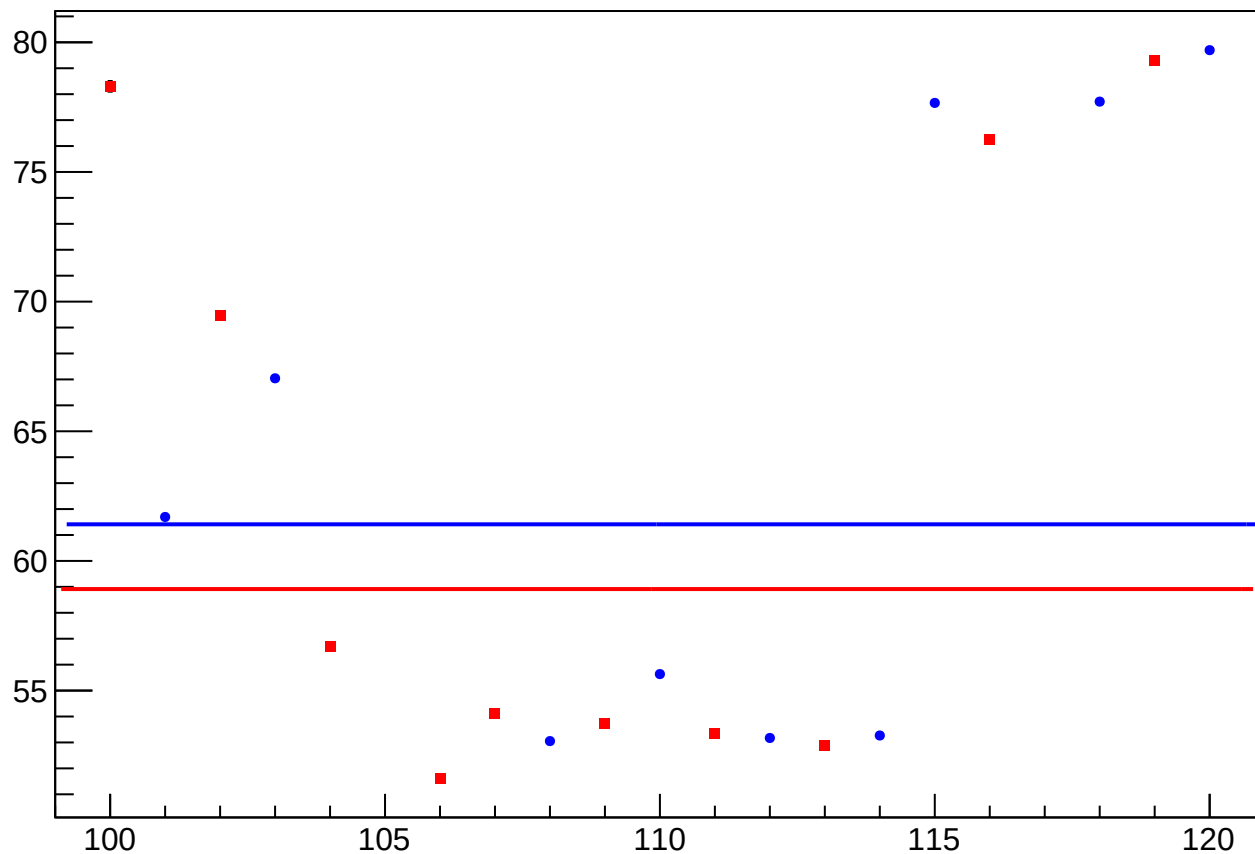
Right: 20.861+/-21.896 χ^2/NDF : 18.1/18

In: 56.590+/-32.456 χ^2/NDF : 9.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.861+/-21.896 χ^2/NDF : 18.1/18

eigen_cor_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 61.412+/-0.023 χ^2/NDF : 162424.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.915+/-0.021 χ^2/NDF : 192087.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

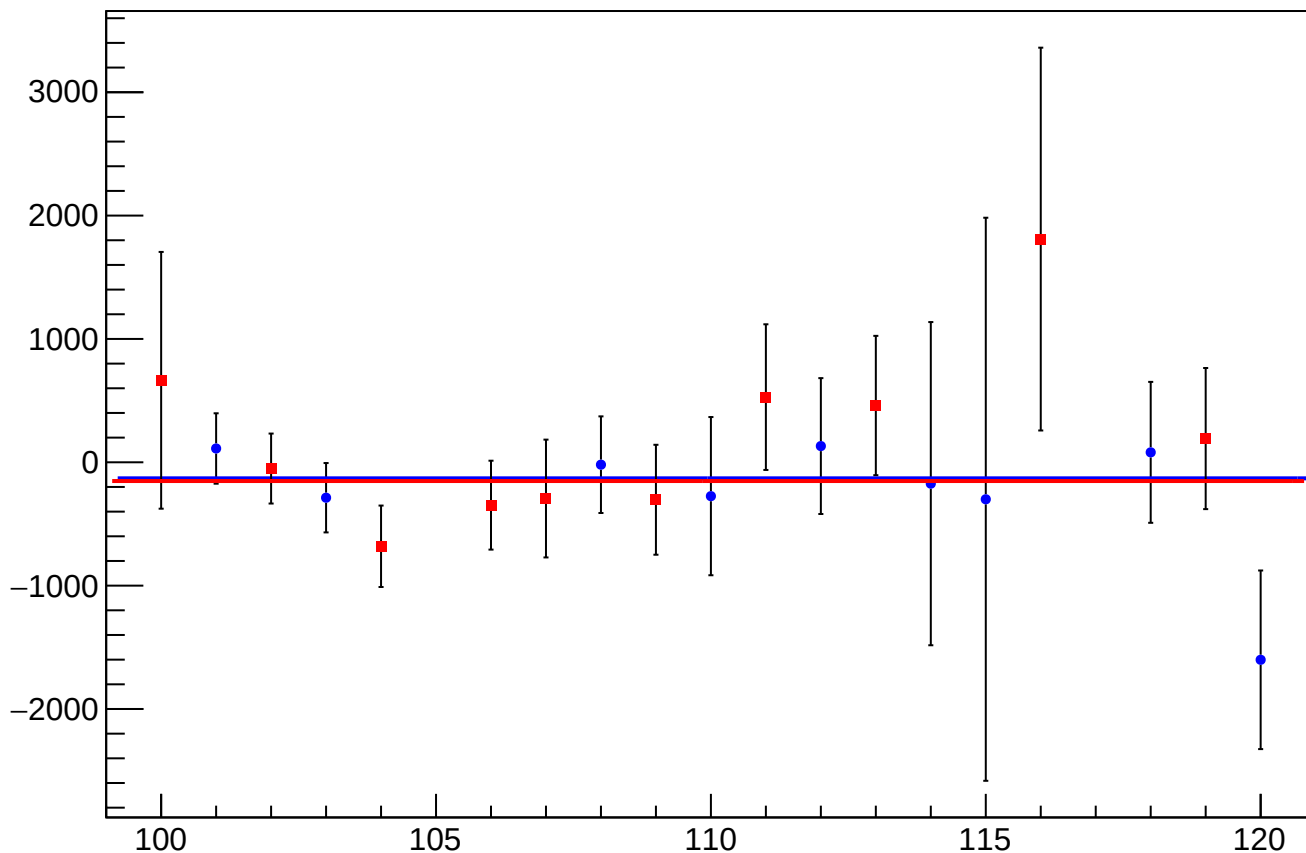
Right: 60.052+/-0.015 χ^2/NDF : 360960.8/18

In: 61.412+/-0.023 χ^2/NDF : 162424.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.052+/-0.015 χ^2/NDF : 360960.8/18

asym_sam_37_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -130.107+/-152.628 χ^2/NDF : 5.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -151.939+/-142.667 χ^2/NDF : 8.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

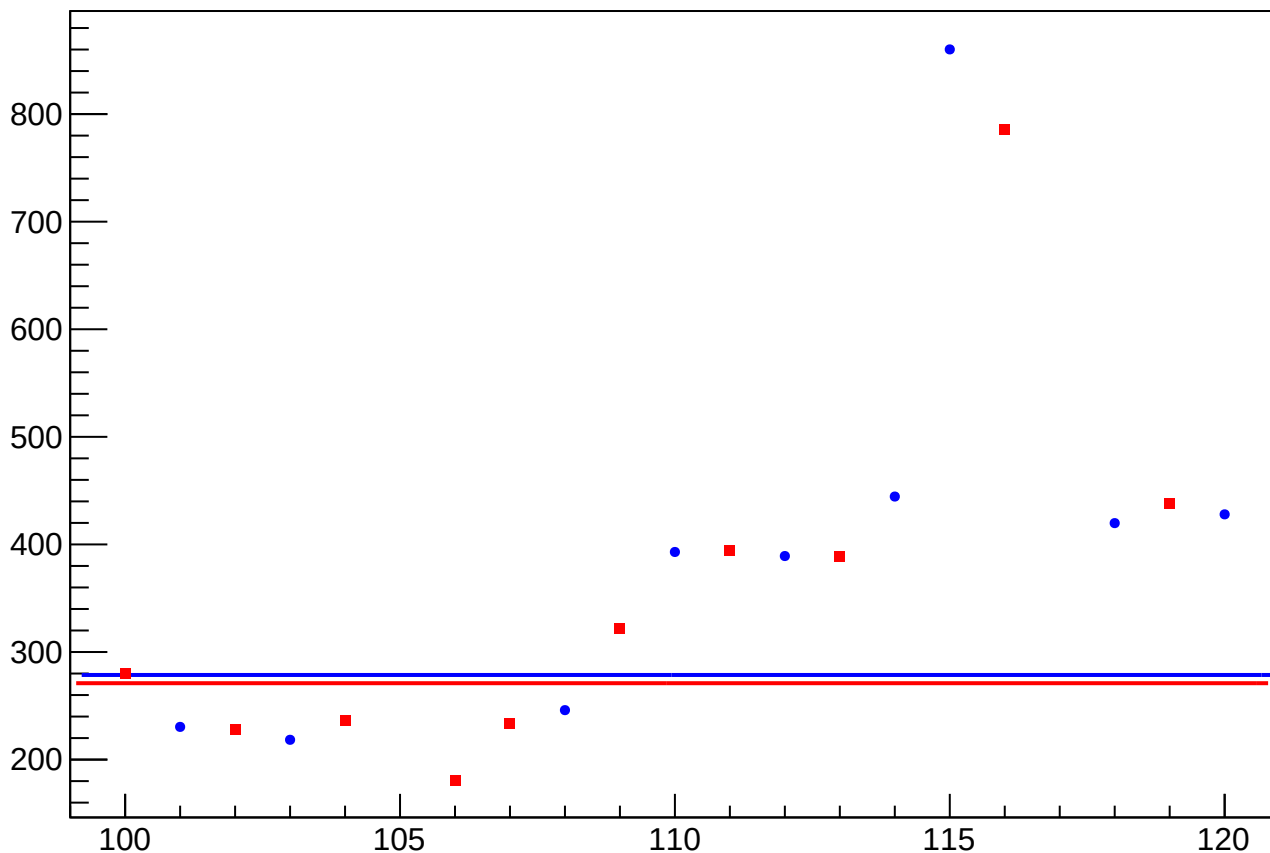
Right: -141.759+/-104.224 χ^2/NDF : 13.9/18

In: -130.107+/-152.628 χ^2/NDF : 5.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -141.759+/-104.224 χ^2/NDF : 13.9/18

asym_sam_37_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 278.662+/-0.108 χ^2/NDF : 676119.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 271.013+/-0.101 χ^2/NDF : 794827.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

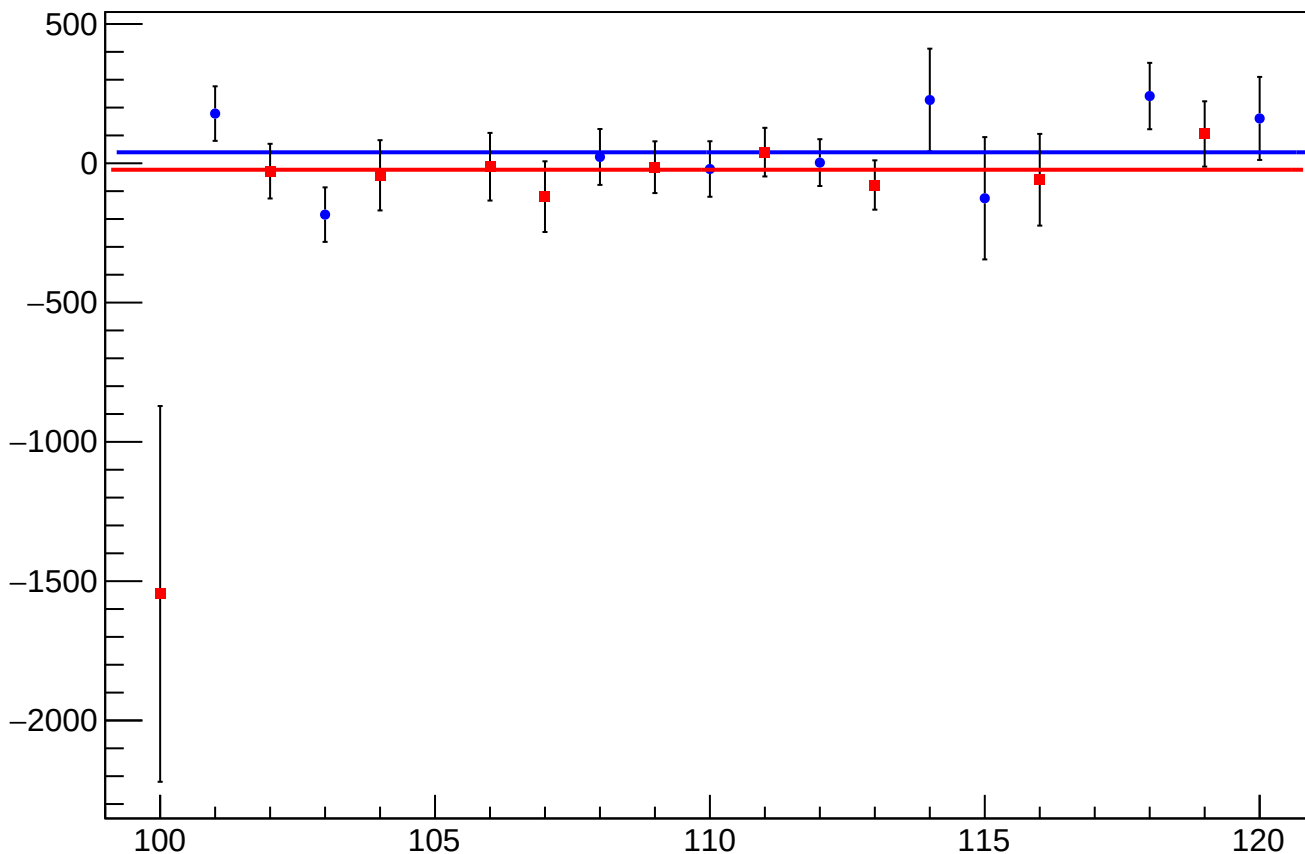
Right: 274.580+/-0.074 χ^2/NDF : 1473627.5/18

In: 278.662+/-0.108 χ^2/NDF : 676119.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 274.580+/-0.074 χ^2/NDF : 1473627.5/18

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 39.480+/-37.373 χ^2/NDF : 13.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -23.161+/-35.735 χ^2/NDF : 7.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

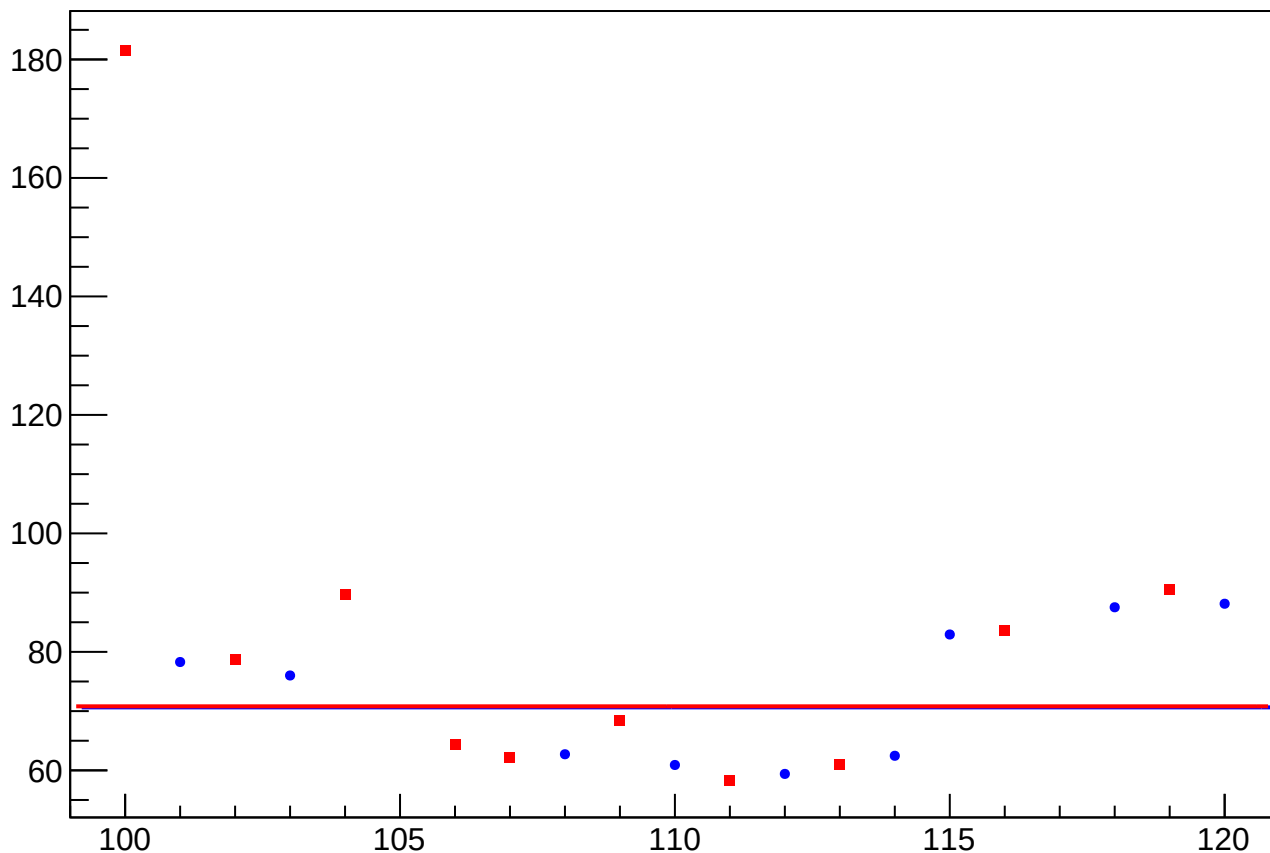
Right: 6.757+/-25.828 χ^2/NDF : 22.3/18

In: 39.480+/-37.373 χ^2/NDF : 13.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.757+/-25.828 χ^2/NDF : 22.3/18

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 70.632+/-0.026 χ^2/NDF : 163460.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.809+/-0.025 χ^2/NDF : 262381.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

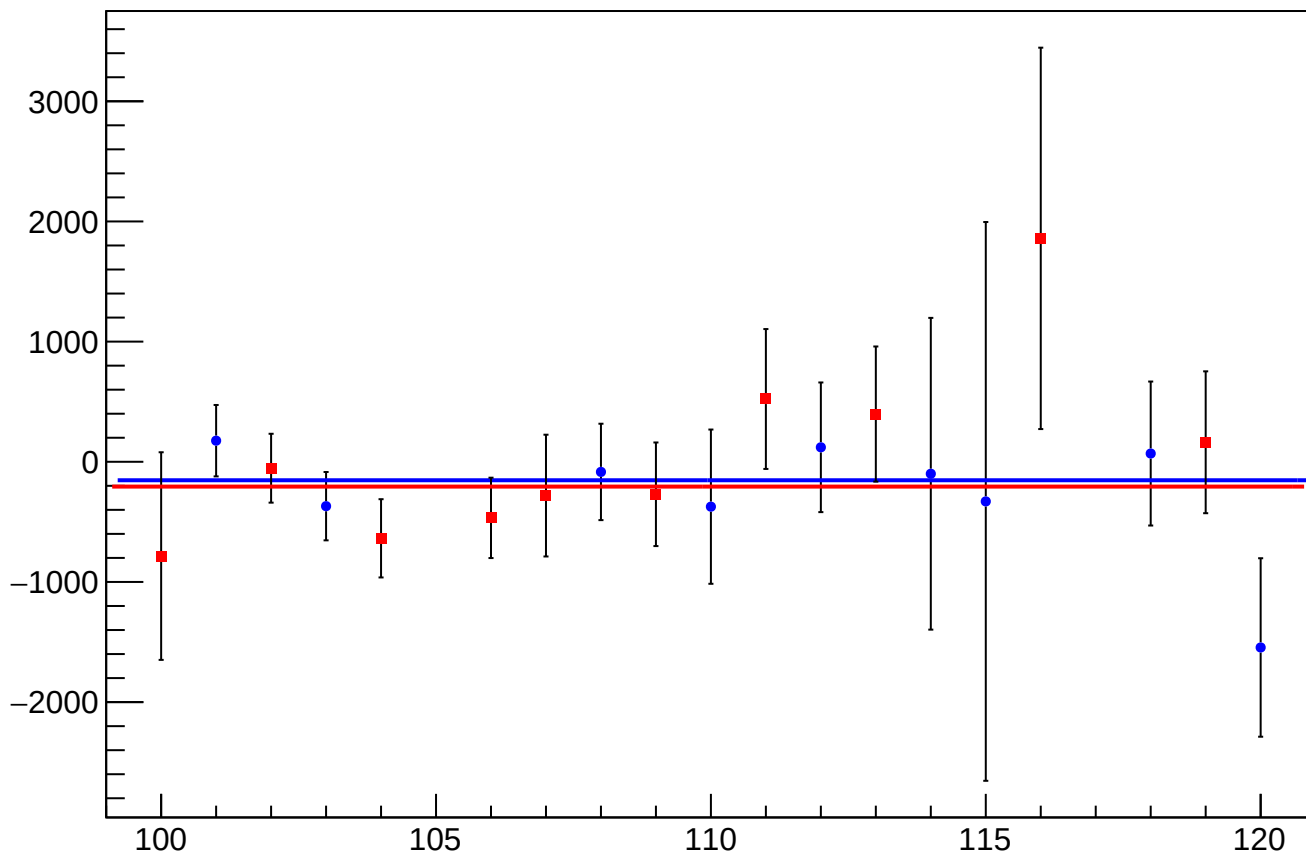
Right: 70.724+/-0.018 χ^2/NDF : 425865.6/18

In: 70.632+/-0.026 χ^2/NDF : 163460.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.724+/-0.018 χ^2/NDF : 425865.6/18

asym_sam_37_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -153.722+/-155.882 χ^2/NDF : 5.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -206.396+/-140.640 χ^2/NDF : 7.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

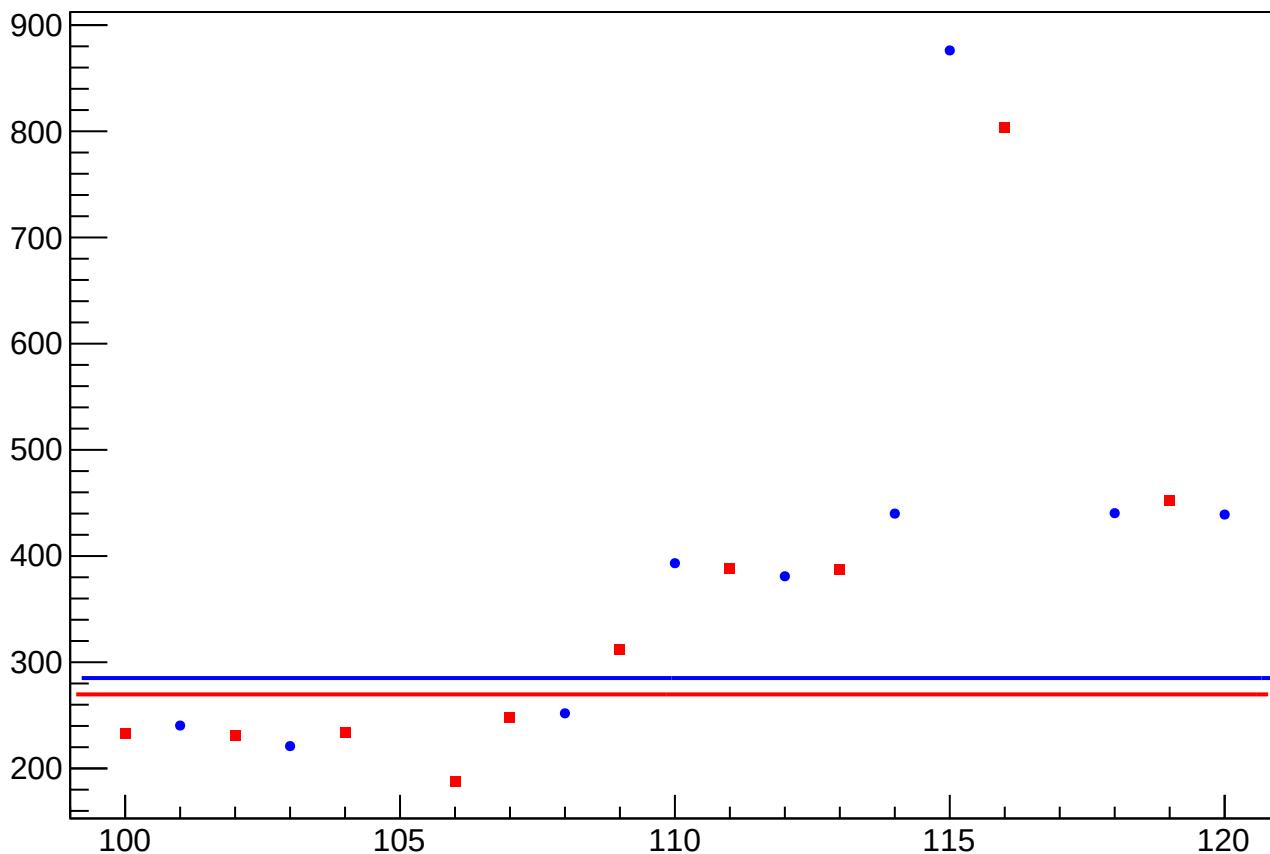
Right: -182.759+/-104.422 χ^2/NDF : 13.9/18

In: -153.722+/-155.882 χ^2/NDF :5.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -182.759+/-104.422 χ^2/NDF : 13.9/18

asym_sam_37_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 285.100+/-0.110 χ^2/NDF : 658612.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 269.714+/-0.099 χ^2/NDF : 796678.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

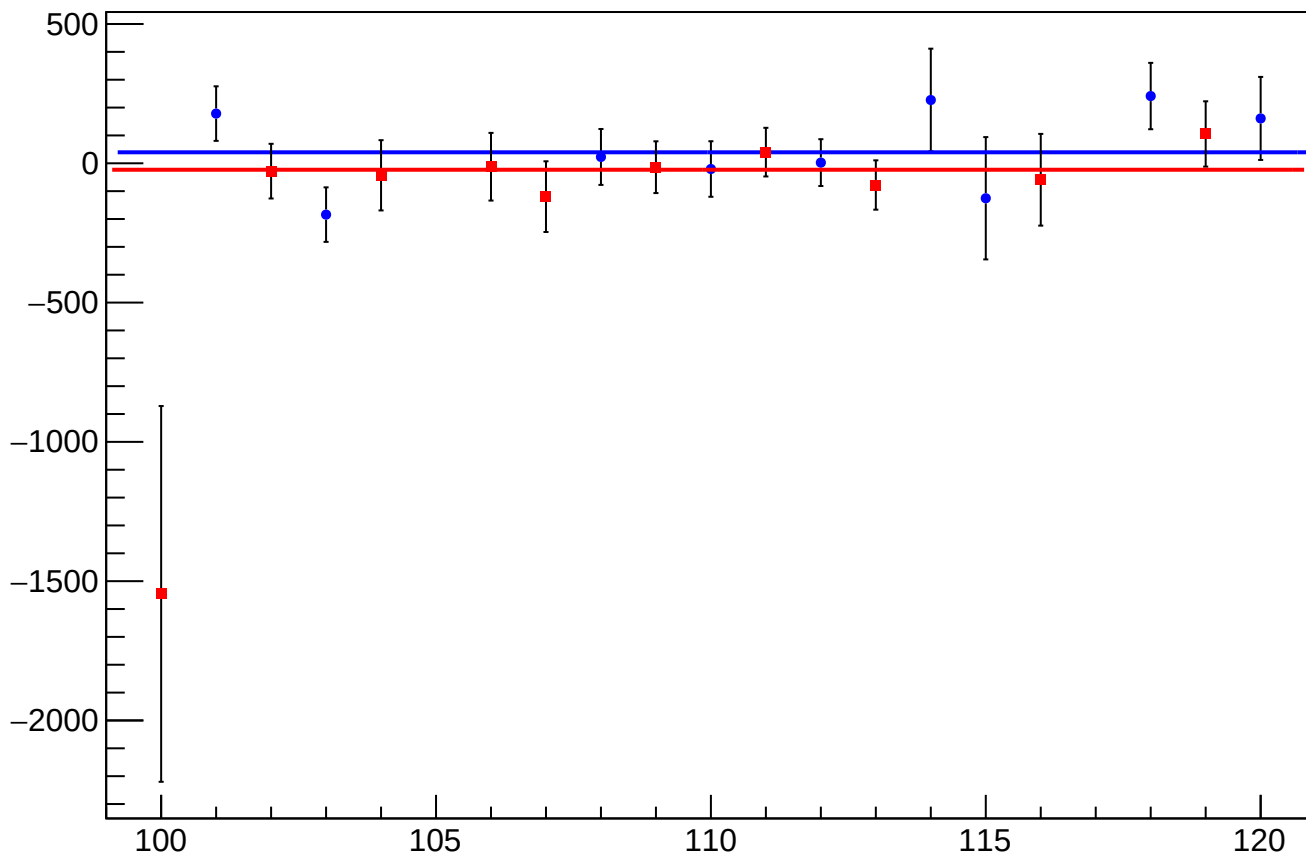
Right: 276.618+/-0.074 χ^2/NDF : 1466032.2/18

In: 285.100+/-0.110 χ^2/NDF : 658612.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 276.618+/-0.074 χ^2/NDF : 1466032.2/18

eigen_dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 39.481+/-37.373 χ^2/NDF : 13.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -23.161+/-35.735 χ^2/NDF : 7.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

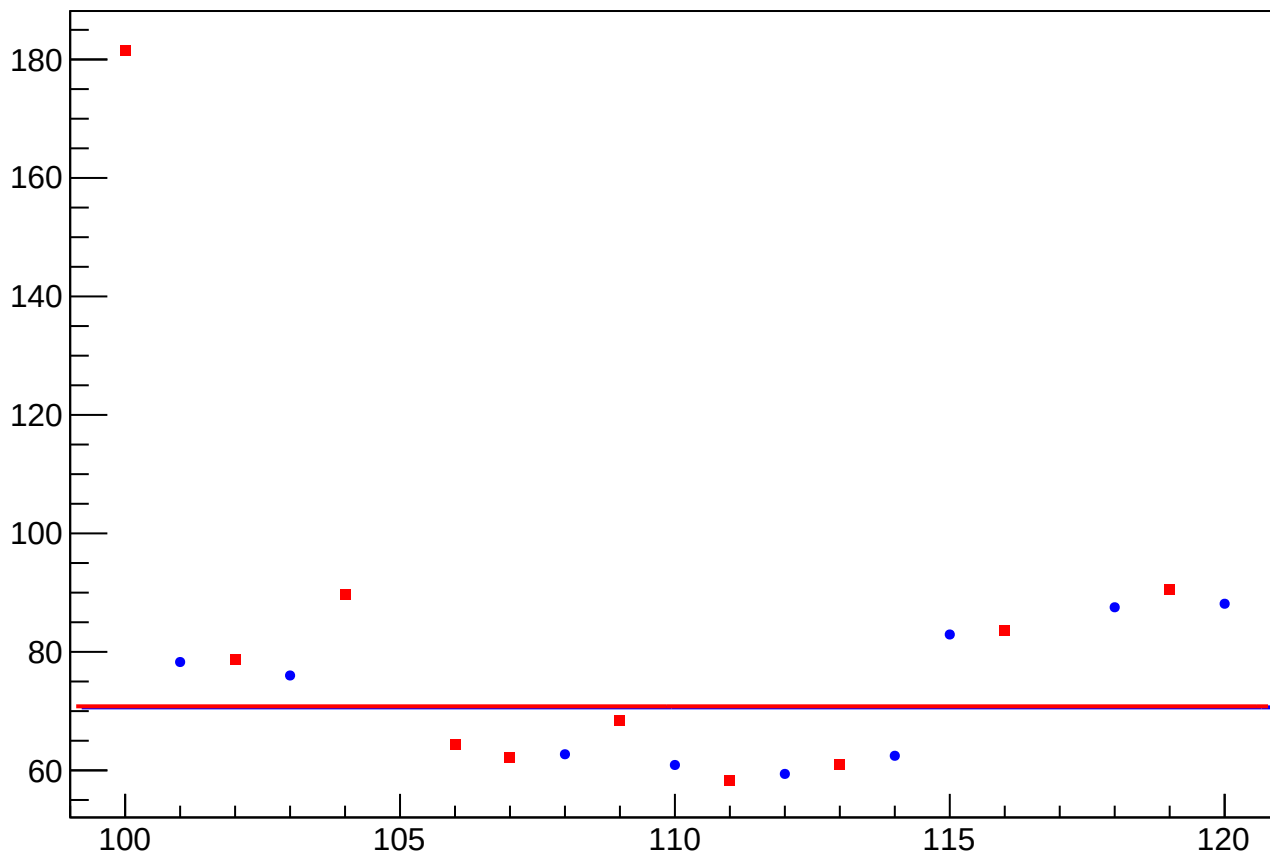
Right: 6.757+/-25.828 χ^2/NDF : 22.3/18

In: 39.481+/-37.373 χ^2/NDF : 13.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.757+/-25.828 χ^2/NDF : 22.3/18

eigen_dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 70.632+/-0.026 χ^2/NDF : 163460.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.809+/-0.025 χ^2/NDF : 262384.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

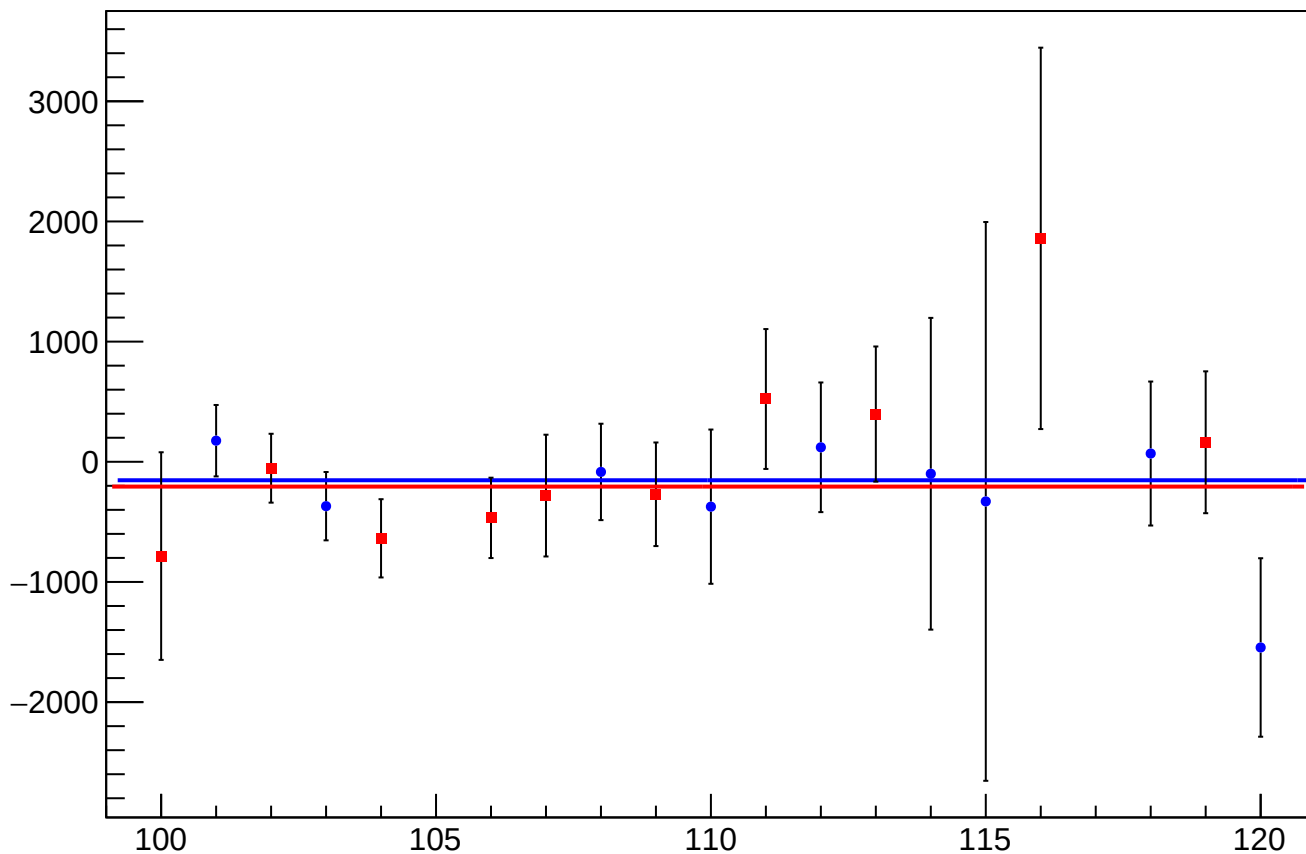
Right: 70.725+/-0.018 χ^2/NDF : 425868.5/18

In: 70.632+/-0.026 χ^2/NDF : 163460.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.725+/-0.018 χ^2/NDF : 425868.5/18

asym_sam_37_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -153.723+/-155.882 χ^2/NDF : 5.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -206.396+/-140.640 χ^2/NDF : 7.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

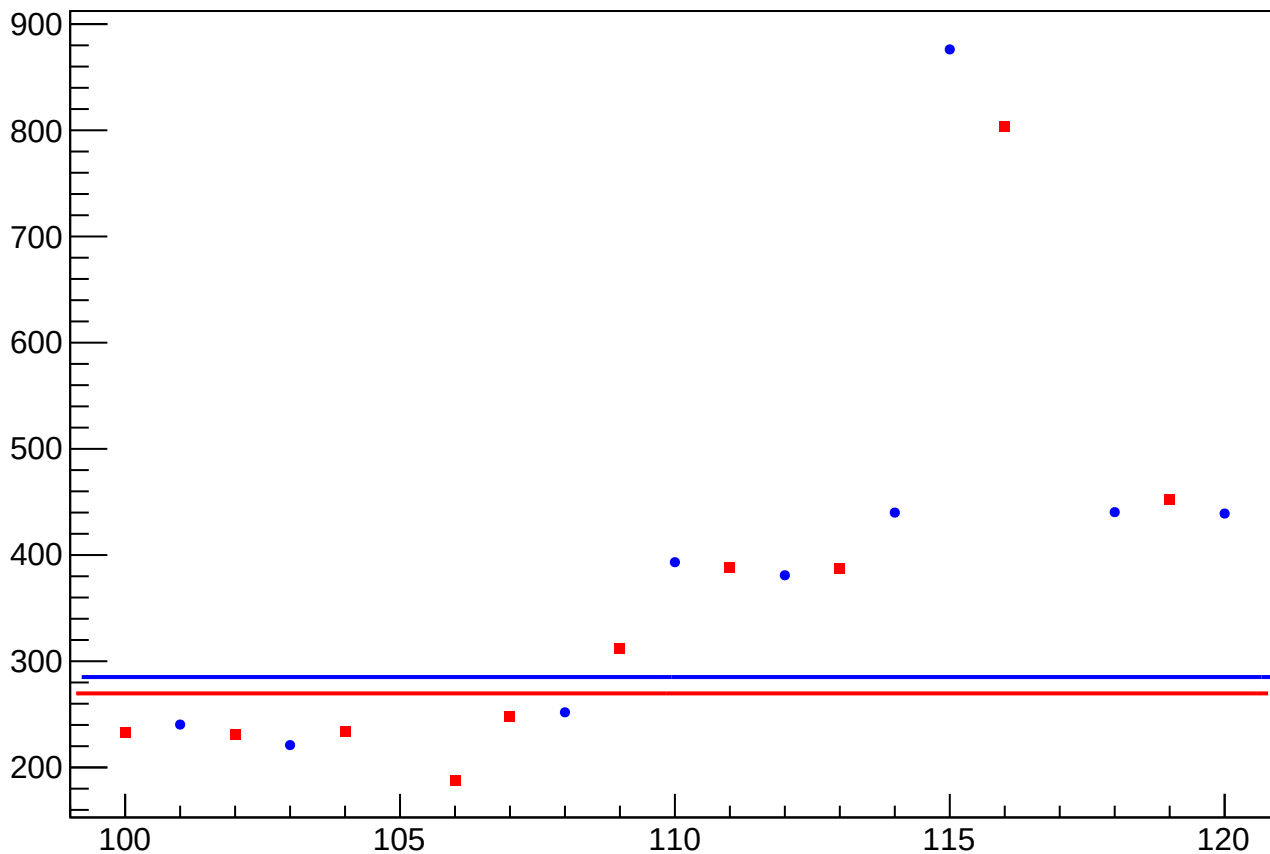
Right: -182.760+/-104.422 χ^2/NDF : 13.9/18

In: -153.723+/-155.882 χ^2/NDF :5.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -182.760+/-104.422 χ^2/NDF : 13.9/18

asym_sam_37_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 285.101+/-0.110 χ^2/NDF : 658610.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 269.714+/-0.099 χ^2/NDF : 796676.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

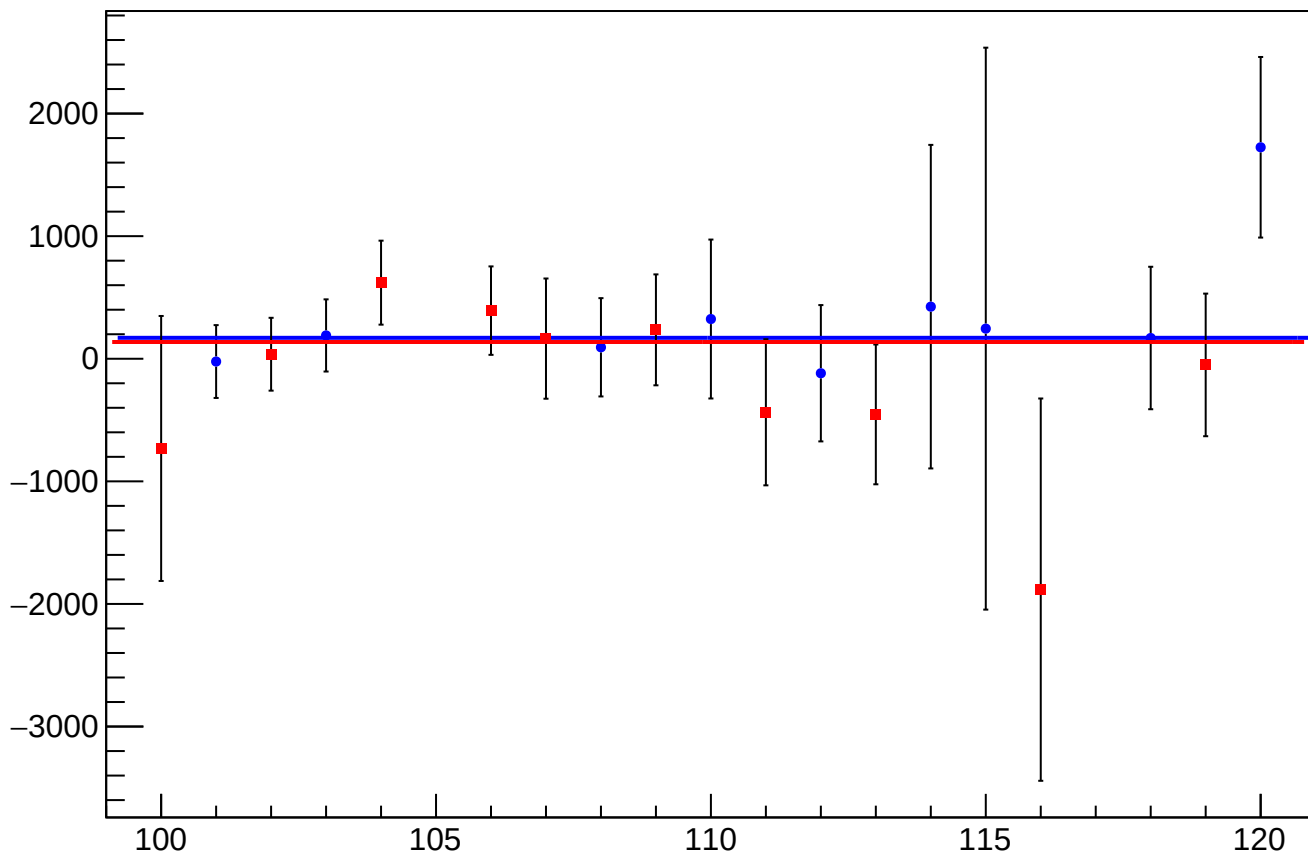
Right: 276.619+/-0.074 χ^2/NDF : 1466029.2/18

In: 285.101+/-0.110 χ^2/NDF :658610.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 276.619+/-0.074 χ^2/NDF : 1466029.2/18

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 170.836+/-157.566 χ^2/NDF : 5.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.745+/-146.328 χ^2/NDF : 7.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

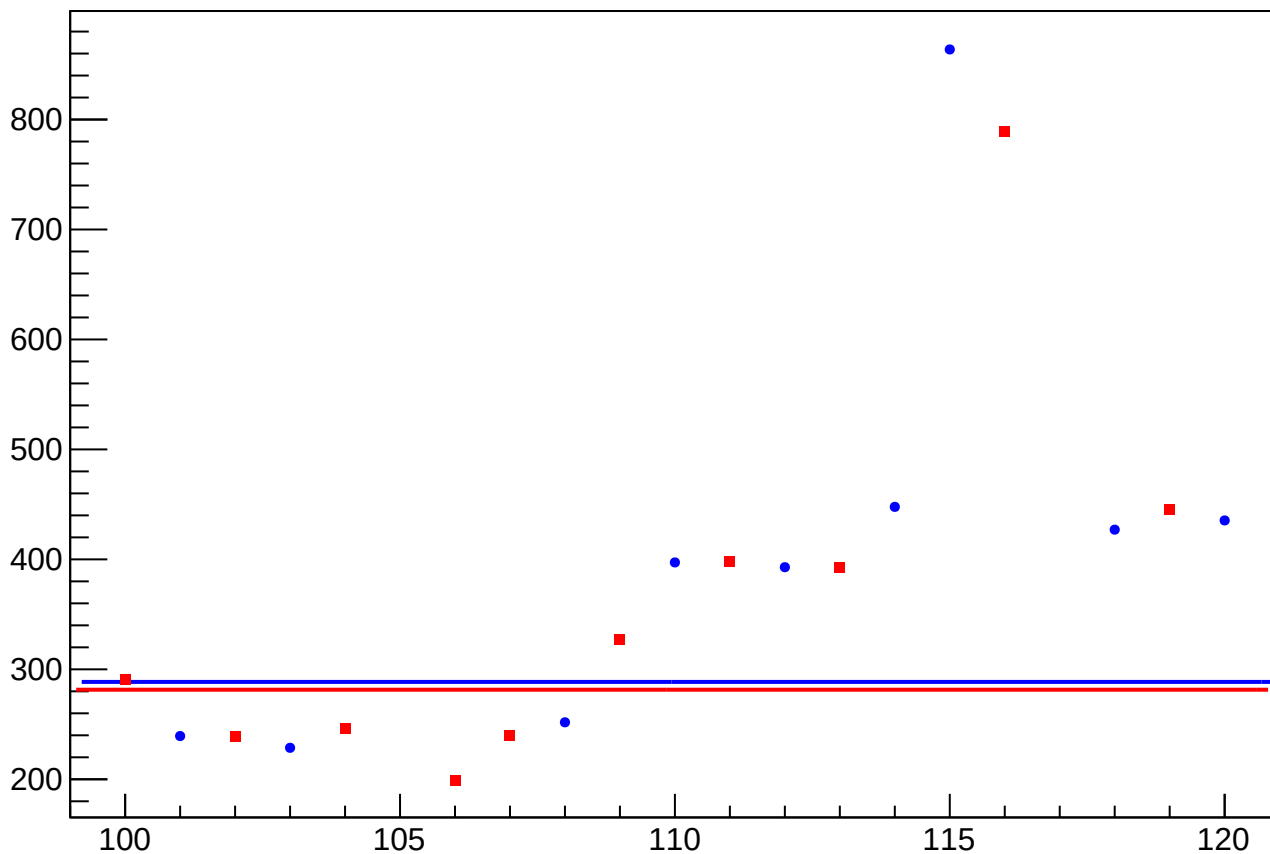
Right: 152.531+/-107.223 χ^2/NDF : 12.4/18

In: 170.836+/-157.566 χ^2/NDF : 5.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.531+/-107.223 χ^2/NDF : 12.4/18

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 288.558+/-0.111 χ^2/NDF : 629390.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 281.469+/-0.103 χ^2/NDF : 724415.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

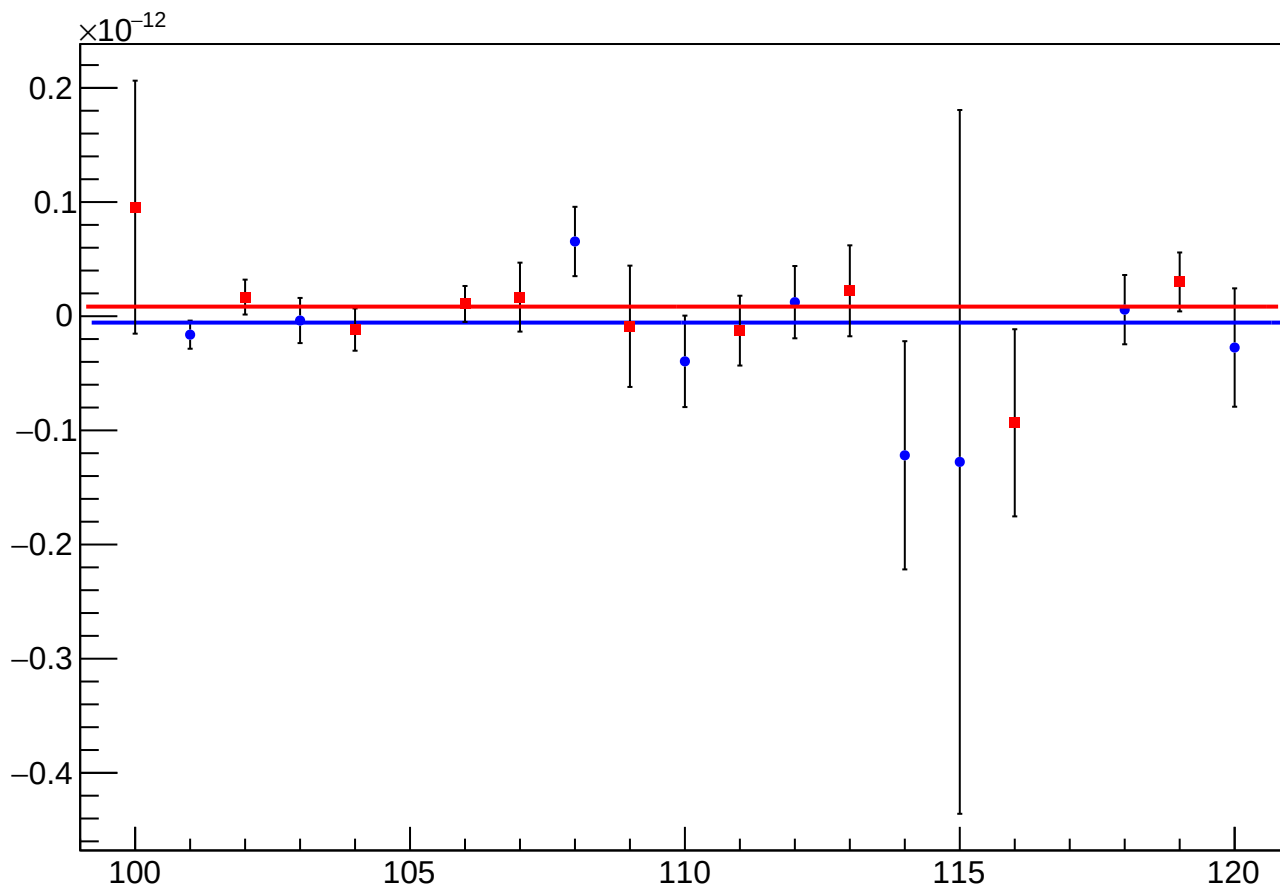
Right: 284.752+/-0.076 χ^2/NDF : 1355979.7/18

In: 288.558+/-0.111 χ^2/NDF : 629390.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 284.752+/-0.076 χ^2/NDF : 1355979.7/18

asym_sam_37_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

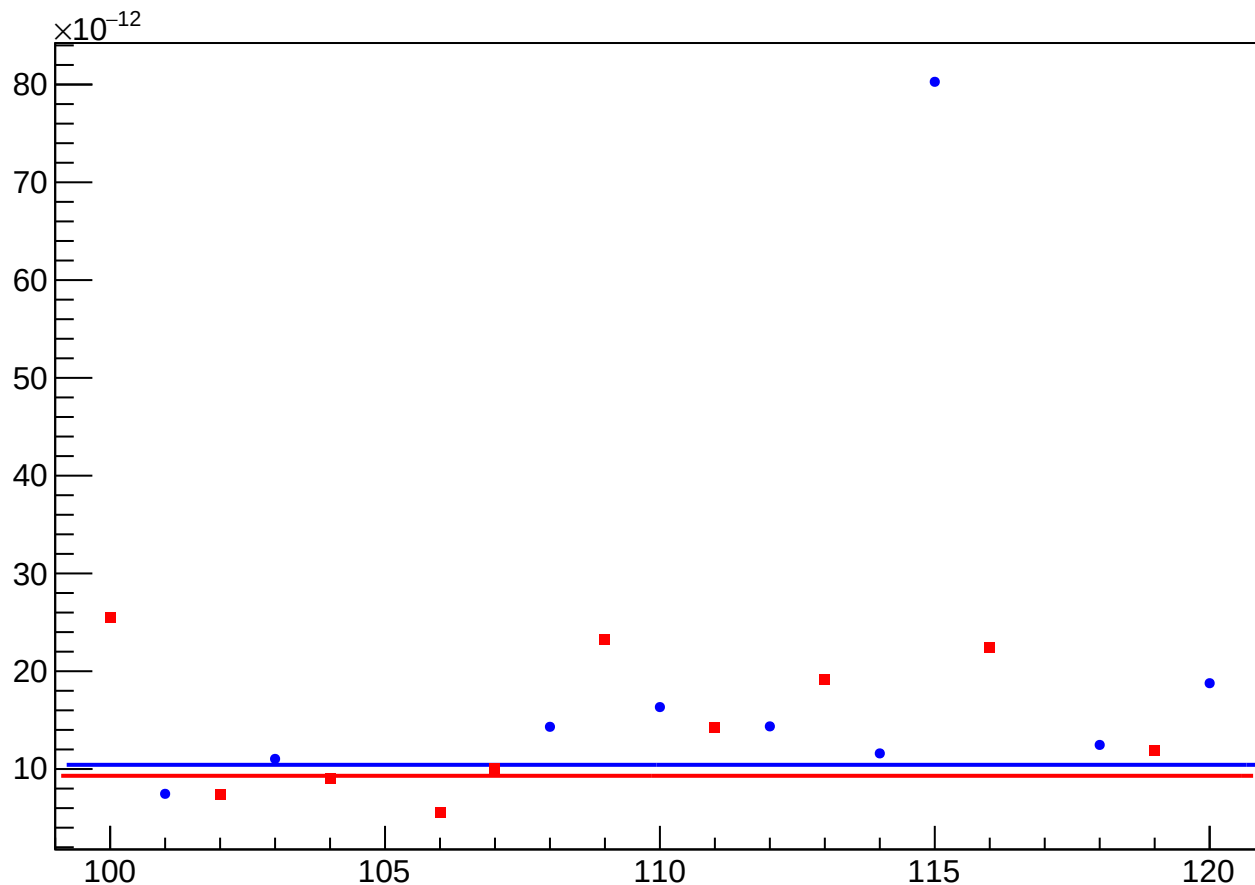
Right: 0.000+/-0.000 χ^2/NDF : 15.7/18

In: -0.000+/-0.000 χ^2/NDF :9.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.7/18

asym_sam_37_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 388646.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 574598.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

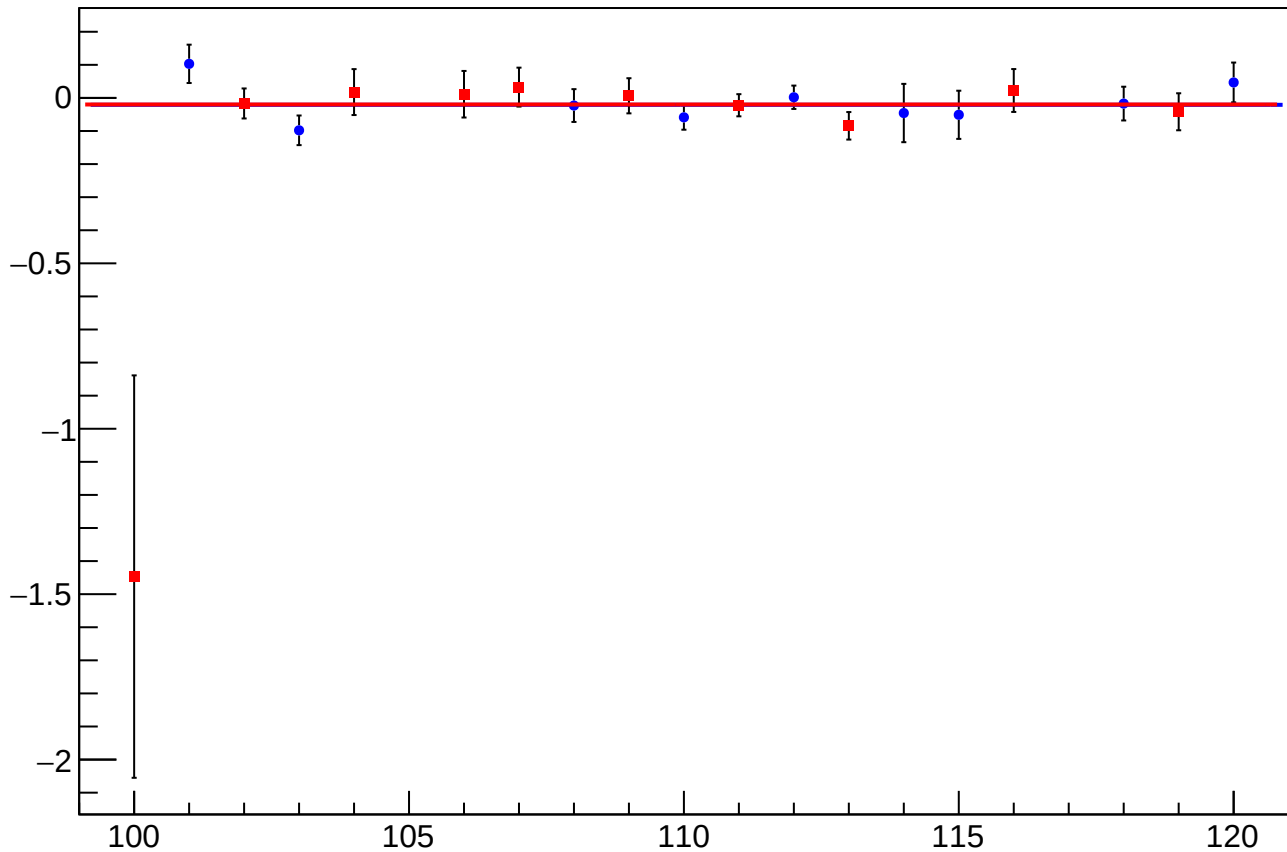
Right: 0.000+/-0.000 χ^2/NDF : 981689.7/18

In: 0.000+/-0.000 χ^2/NDF : 388646.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 981689.7/18

asym_sam_37_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 $\pm$ 0.016 χ^2 /NDF: 10.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.020 $\pm$ 0.017 χ^2 /NDF: 10.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

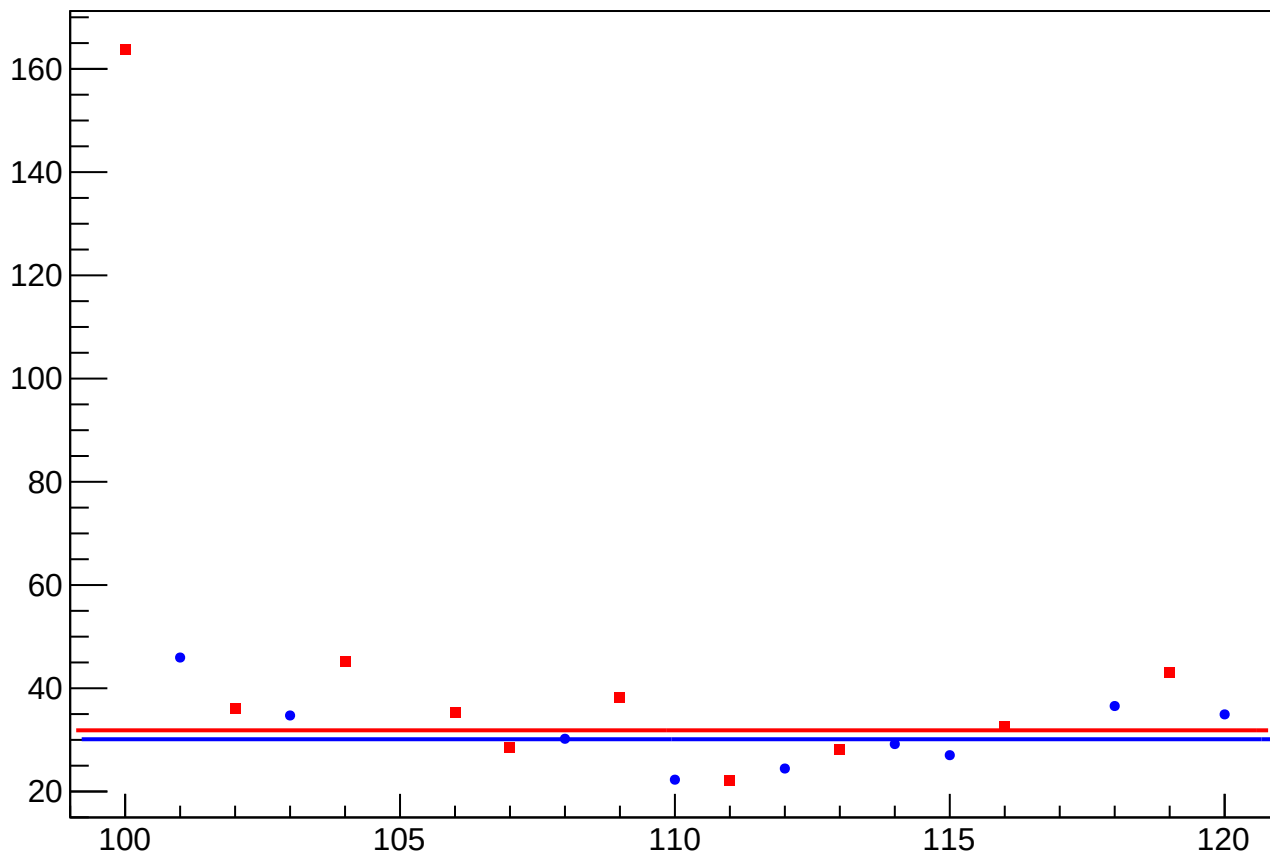
Right: -0.020 $\pm$ 0.012 χ^2 /NDF: 20.5/18

In: -0.021 $\pm$ 0.016 χ^2 /NDF:10.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.020 $\pm$ 0.012 χ^2 /NDF: 20.5/18

asym_sam_37_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.123+/-0.012 χ^2/NDF : 358317.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.854+/-0.012 χ^2/NDF : 490541.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

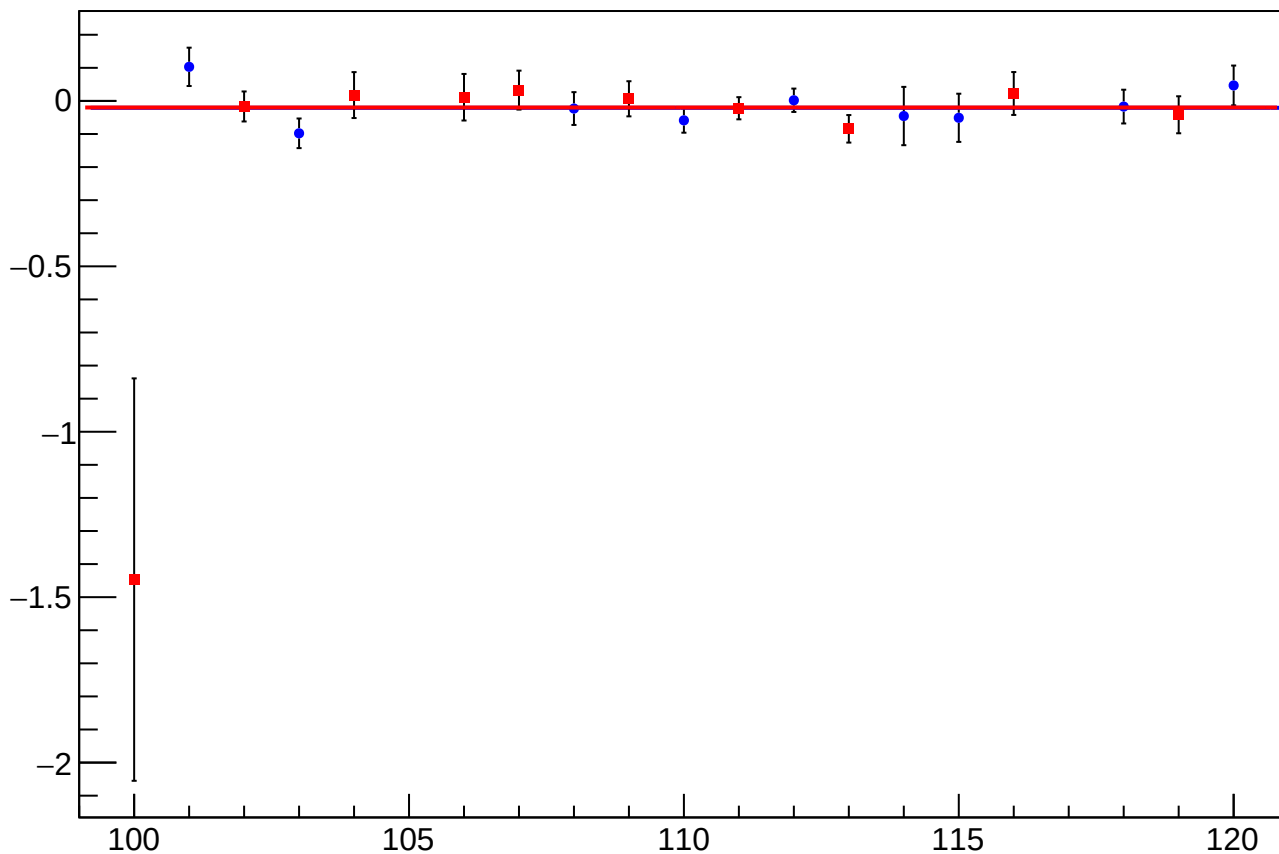
Right: 30.973+/-0.008 χ^2/NDF : 859734.2/18

In: 30.123+/-0.012 χ^2/NDF : 358317.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.973+/-0.008 χ^2/NDF : 859734.2/18

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 $\pm$ 0.016 χ^2 /NDF: 10.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.020 $\pm$ 0.017 χ^2 /NDF: 10.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

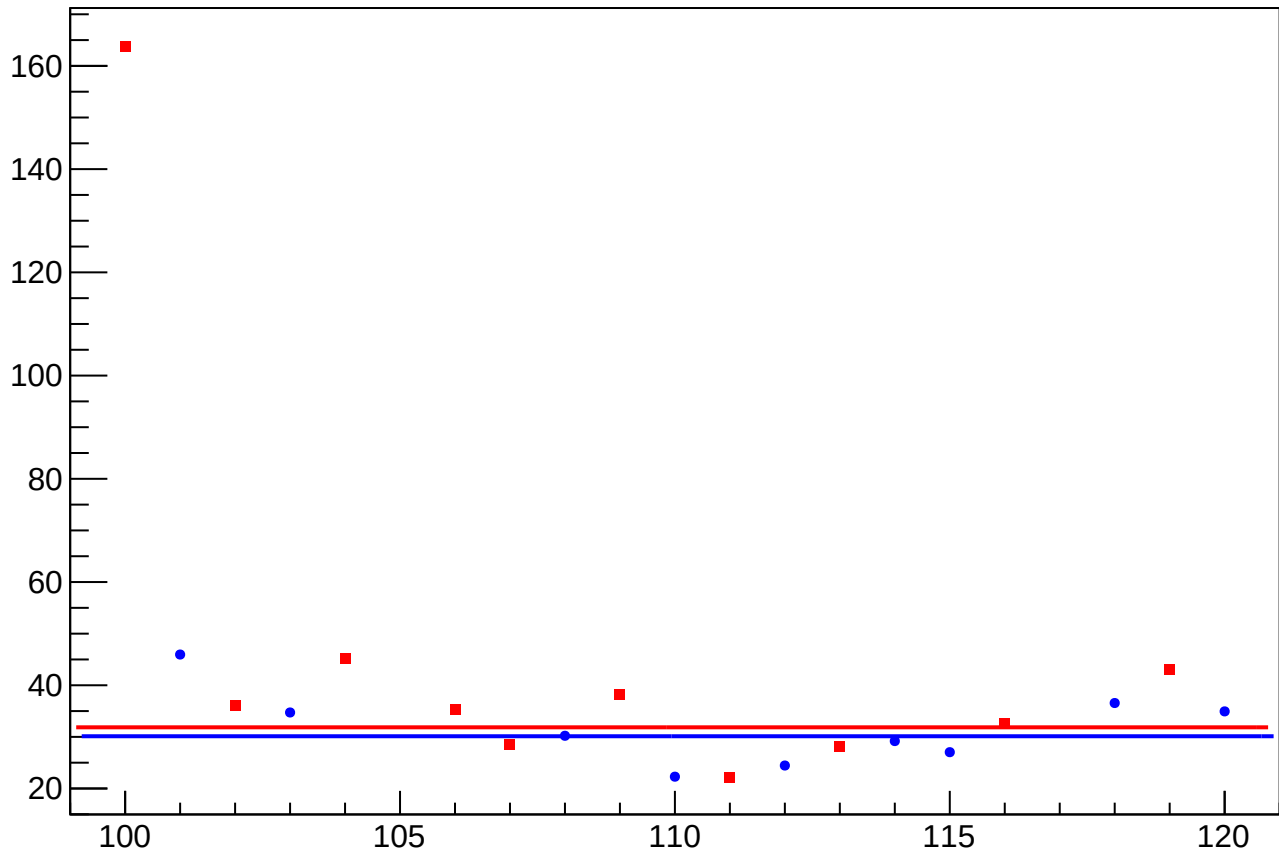
Right: -0.020 $\pm$ 0.012 χ^2 /NDF: 20.5/18

In: -0.021 $\pm$ 0.016 χ^2 /NDF:10.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.020 $\pm$ 0.012 χ^2 /NDF: 20.5/18

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.123+/-0.012 χ^2/NDF : 358317.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.854+/-0.012 χ^2/NDF : 490541.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

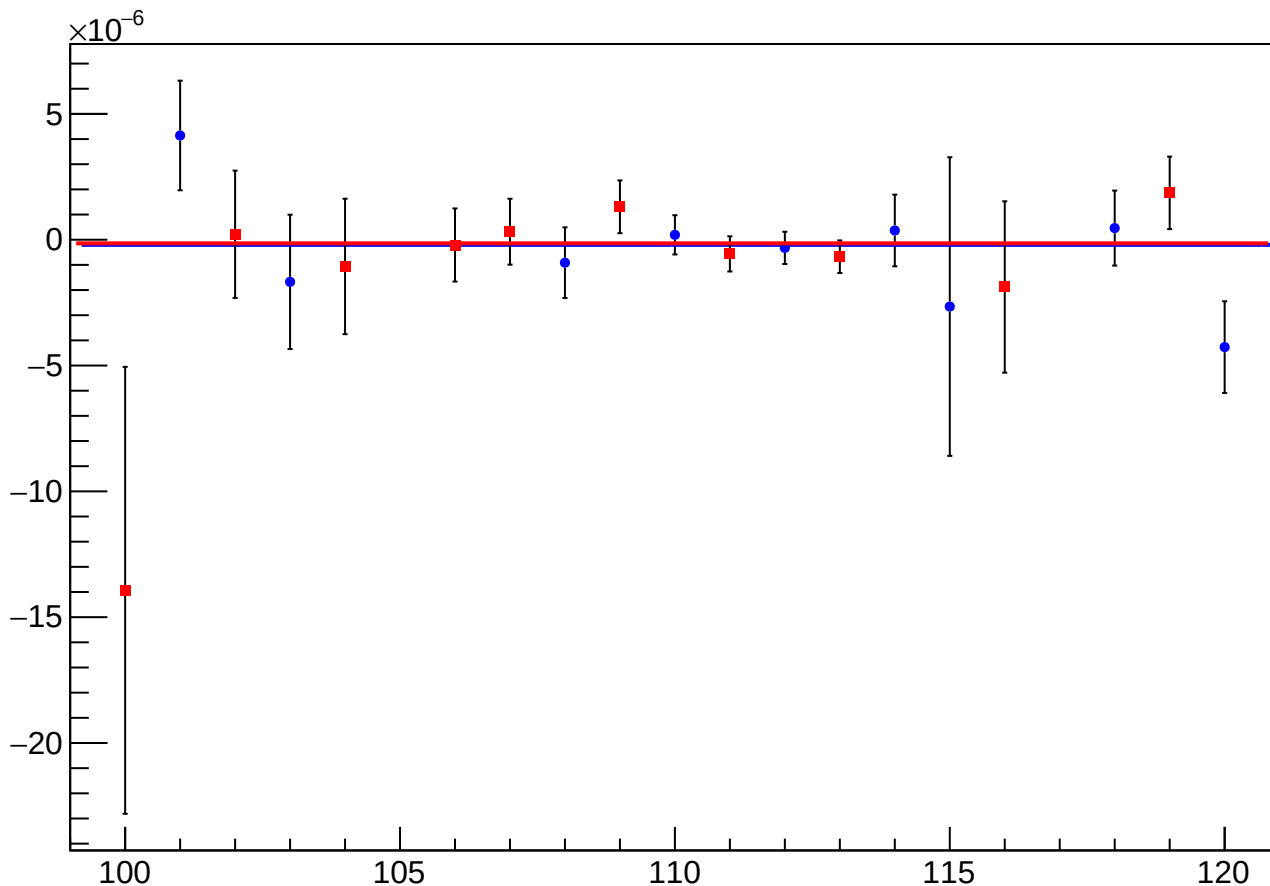
Right: 30.973+/-0.008 χ^2/NDF : 859734.2/18

In: 30.123+/-0.012 χ^2/NDF : 358317.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.973+/-0.008 χ^2/NDF : 859734.2/18

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

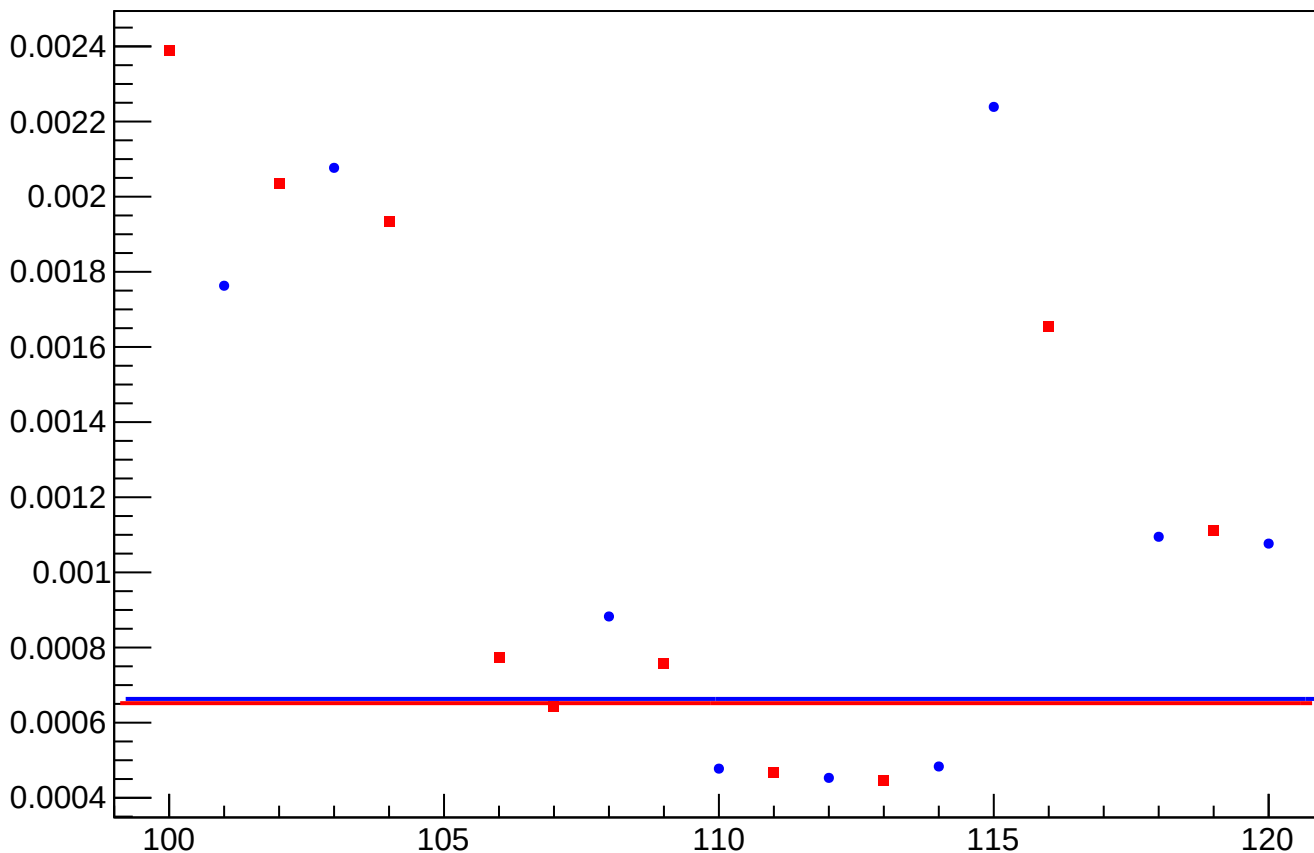
Right: -0.000+/-0.000 χ^2/NDF : 18.2/18

In: -0.000+/-0.000 χ^2/NDF :10.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.2/18

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1891321.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1884328.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

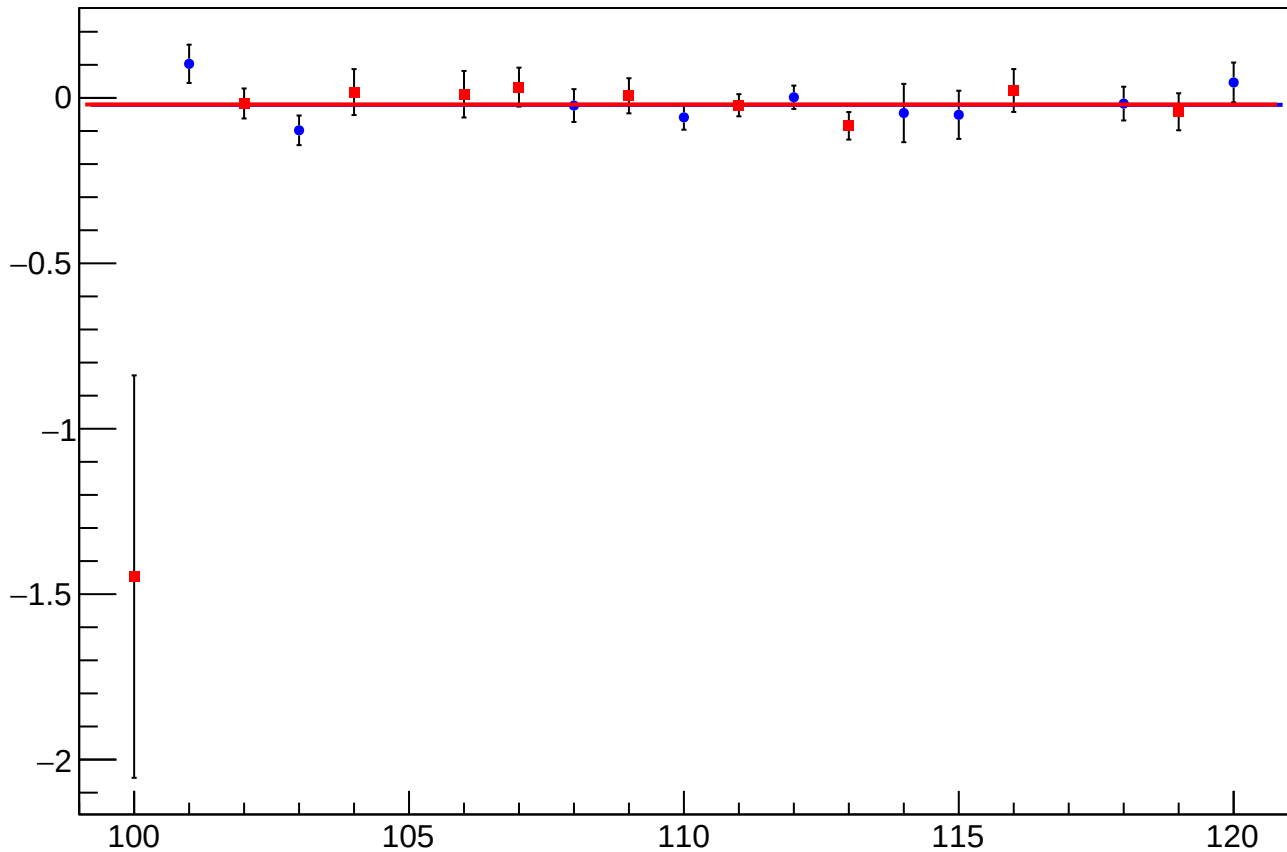
Right: 0.001+/-0.000 χ^2/NDF : 3776510.4/18

In: 0.001+/-0.000 χ^2/NDF :1891321.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3776510.4/18

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.016 χ^2 /NDF: 10.5/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.020+/-0.017 χ^2 /NDF: 10.0/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

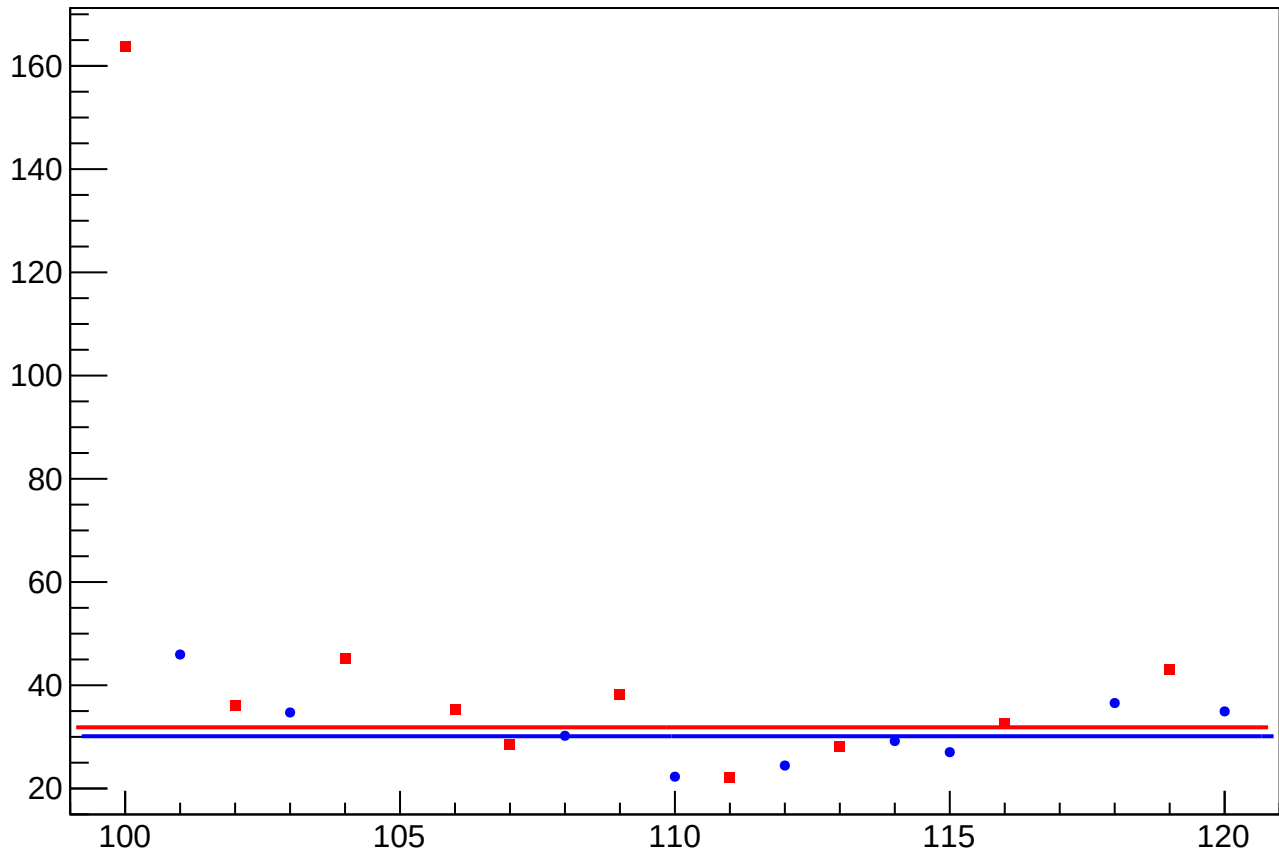
Right: -0.020+/-0.012 χ^2 /NDF: 20.5/18

In: -0.021+/-0.016 χ^2 /NDF:10.5/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.020+/-0.012 χ^2 /NDF: 20.5/18

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.124+/-0.012 χ^2/NDF : 358319.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.854+/-0.012 χ^2/NDF : 490542.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

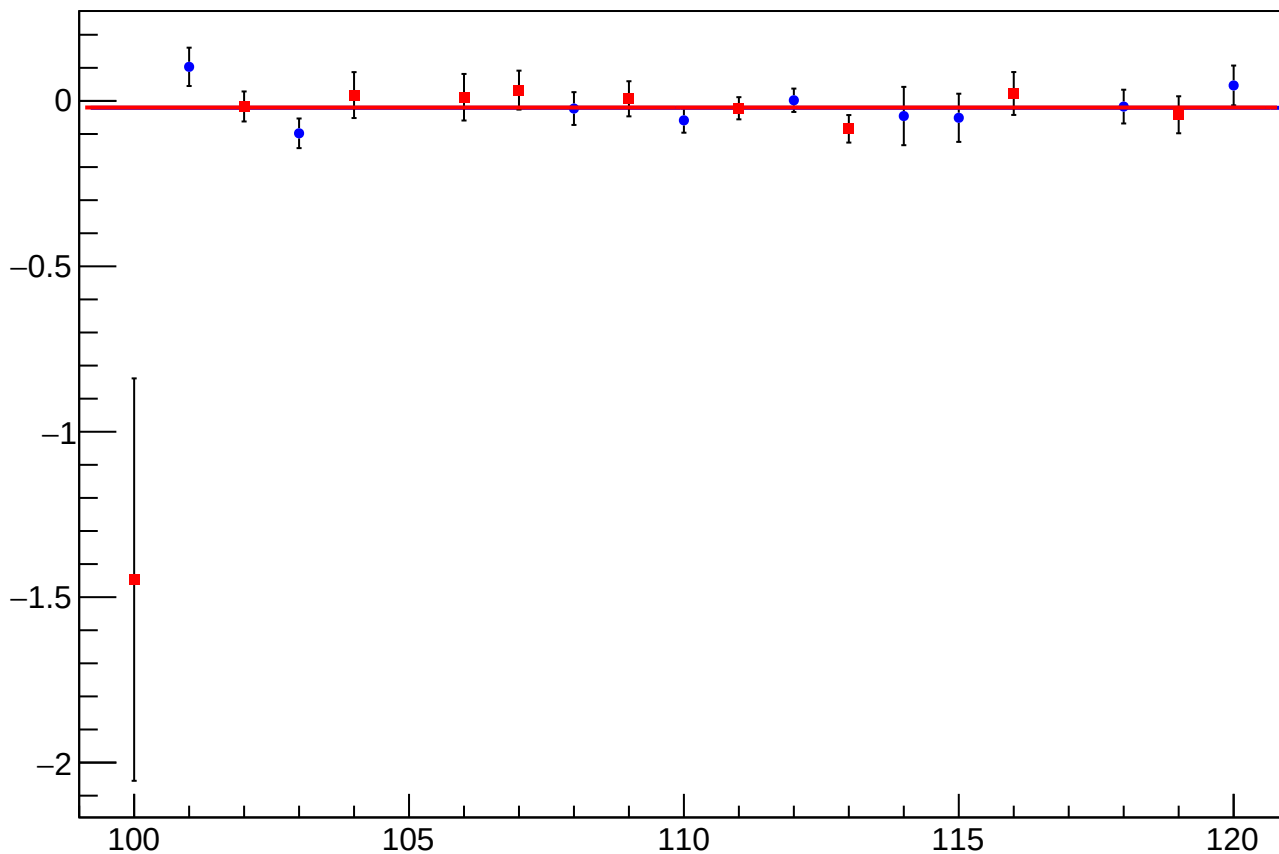
Right: 30.973+/-0.008 χ^2/NDF : 859738.3/18

In: 30.124+/-0.012 χ^2/NDF : 358319.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.973+/-0.008 χ^2/NDF : 859738.3/18

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 $\pm$ 0.016 χ^2 /NDF: 10.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.020 $\pm$ 0.017 χ^2 /NDF: 10.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

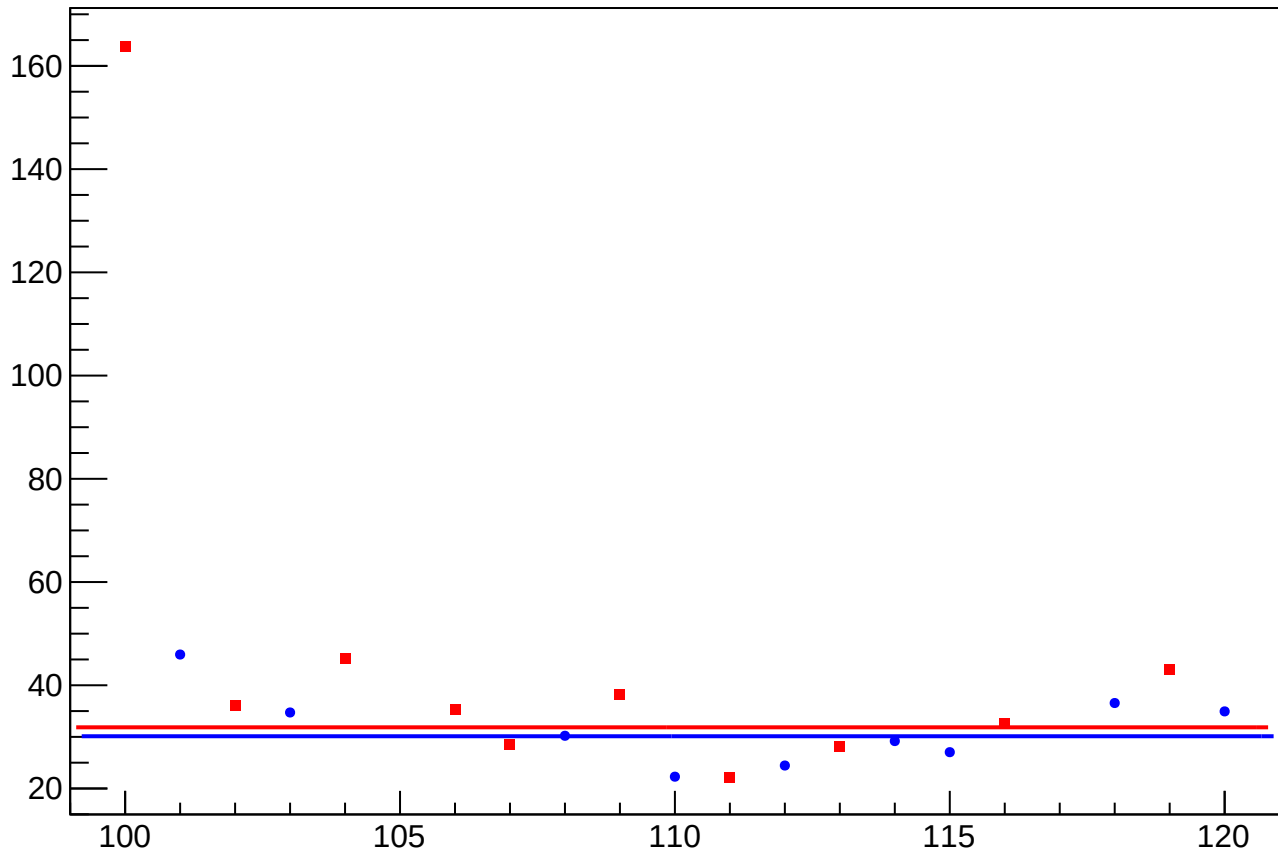
Right: -0.020 $\pm$ 0.012 χ^2 /NDF: 20.5/18

In: -0.021 $\pm$ 0.016 χ^2 /NDF:10.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.020 $\pm$ 0.012 χ^2 /NDF: 20.5/18

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.124+/-0.012 χ^2/NDF : 358319.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.854+/-0.012 χ^2/NDF : 490542.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

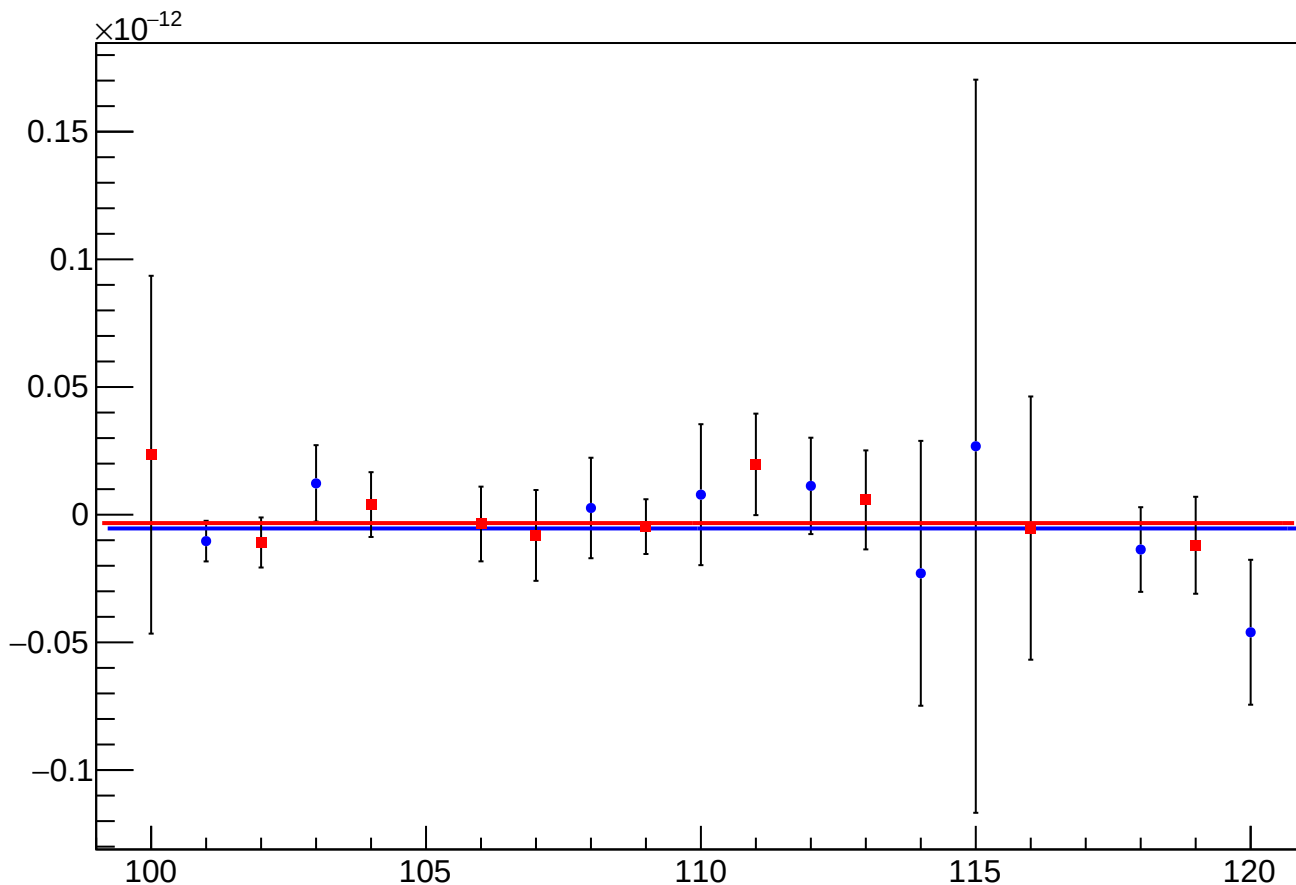
Right: 30.973+/-0.008 χ^2/NDF : 859738.3/18

In: 30.124+/-0.012 χ^2/NDF : 358319.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.973+/-0.008 χ^2/NDF : 859738.3/18

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

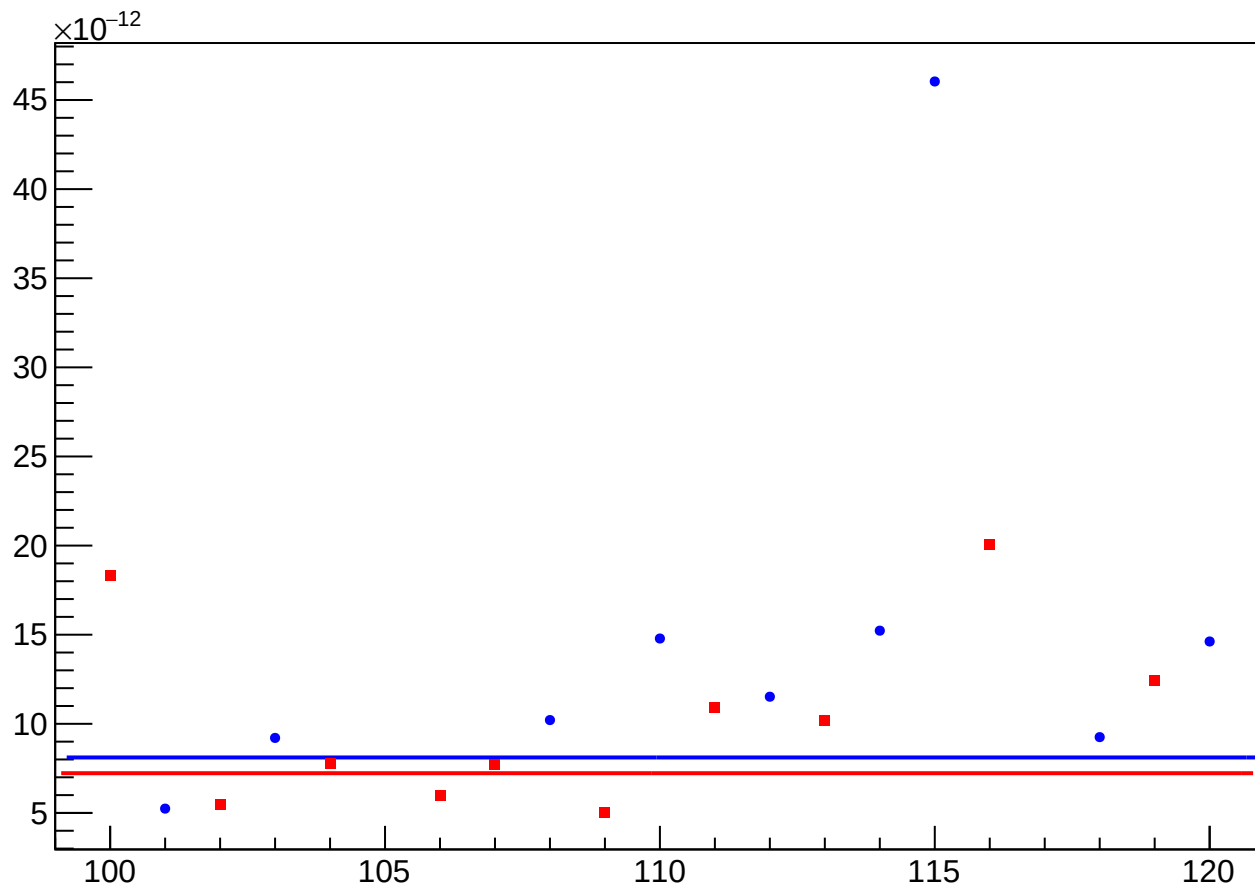
Right: -0.000+/-0.000 χ^2/NDF : 8.4/18

In: -0.000+/-0.000 χ^2/NDF : 5.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.4/18

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 767956.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 608272.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

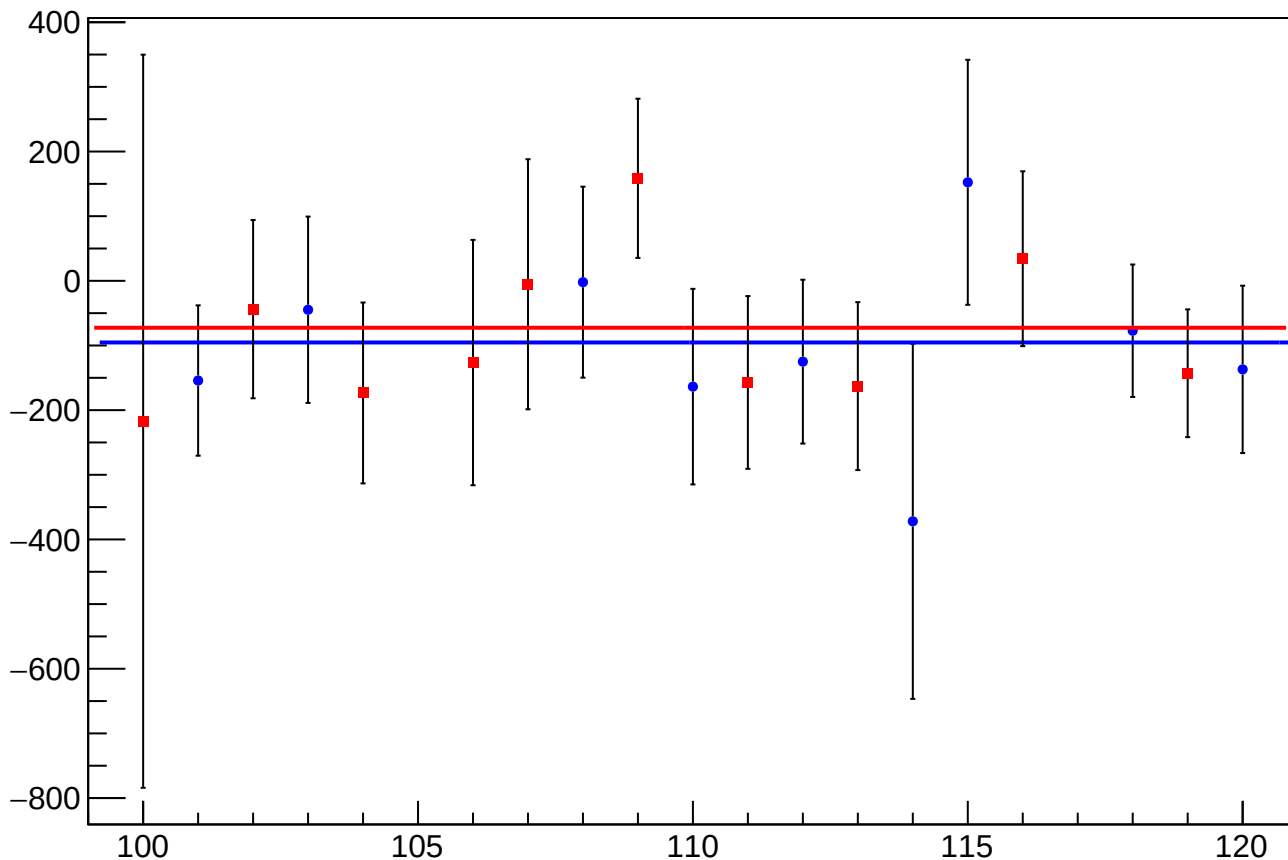
Right: 0.000+/-0.000 χ^2/NDF : 1404608.1/18

In: 0.000+/-0.000 χ^2/NDF : 767956.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1404608.1/18

reg_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -95.327 $\pm$ 46.123 χ^2 /NDF: 3.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -72.553 $\pm$ 44.735 χ^2 /NDF: 6.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

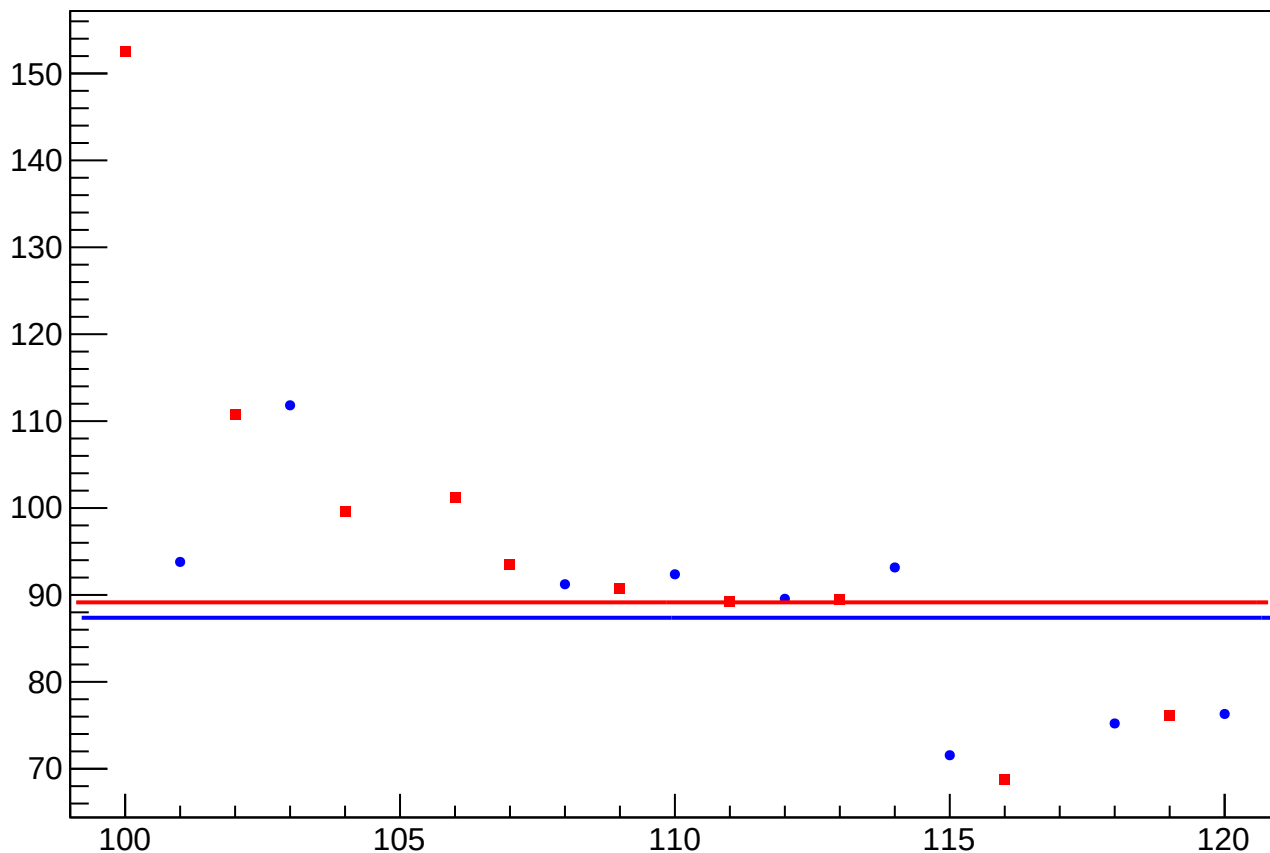
Right: -83.592 $\pm$ 32.112 χ^2 /NDF: 10.4/18

In: -95.327 $\pm$ 46.123 χ^2 /NDF:3.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -83.592 $\pm$ 32.112 χ^2 /NDF: 10.4/18

reg_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 87.375+/-0.033 χ^2/NDF : 125445.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.147+/-0.032 χ^2/NDF : 175079.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

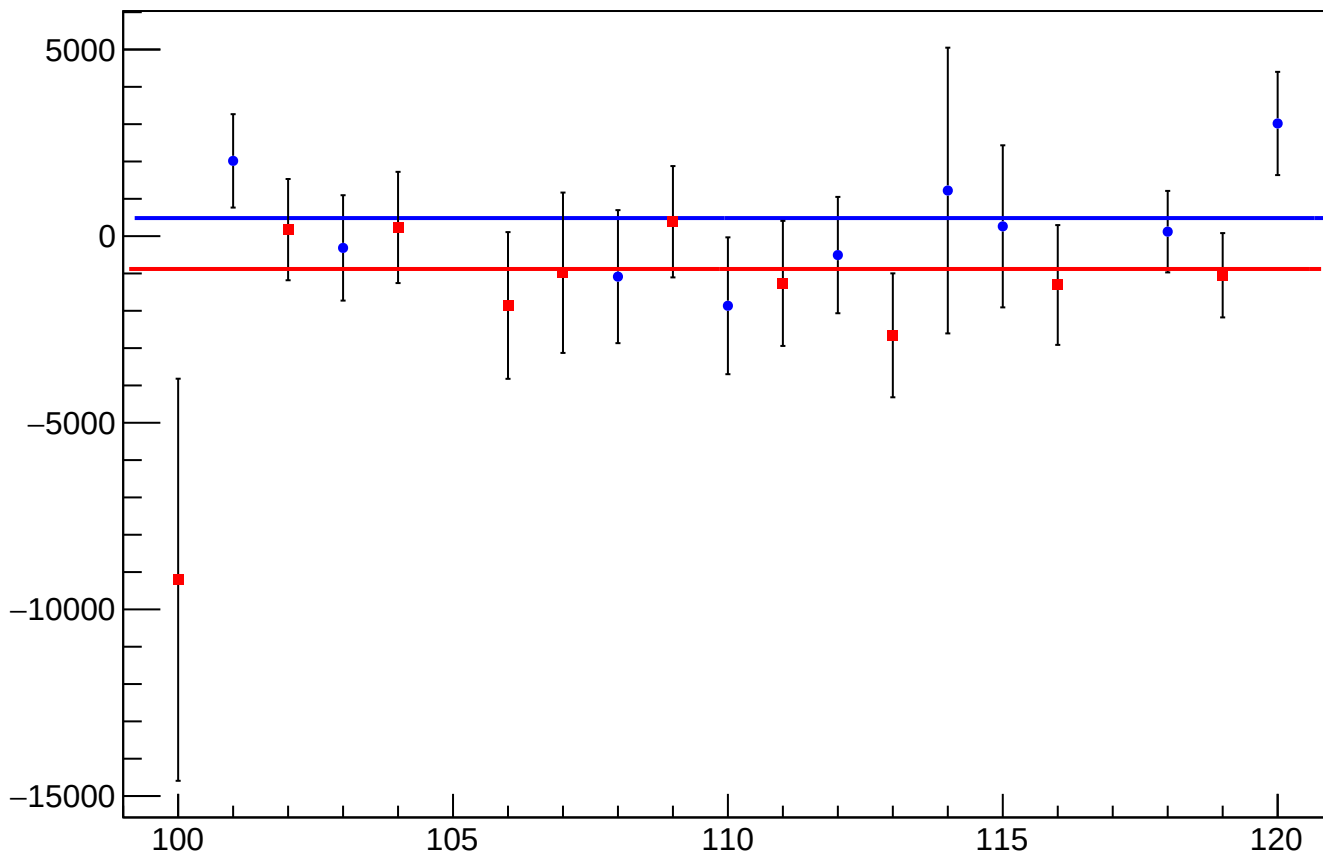
Right: 88.288+/-0.023 χ^2/NDF : 302046.2/18

In: 87.375+/-0.033 χ^2/NDF : 125445.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.288+/-0.023 χ^2/NDF : 302046.2/18

asym_sam_15_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 484.085+/-512.546 χ^2/NDF : 8.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -879.724+/-509.968 χ^2/NDF : 5.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

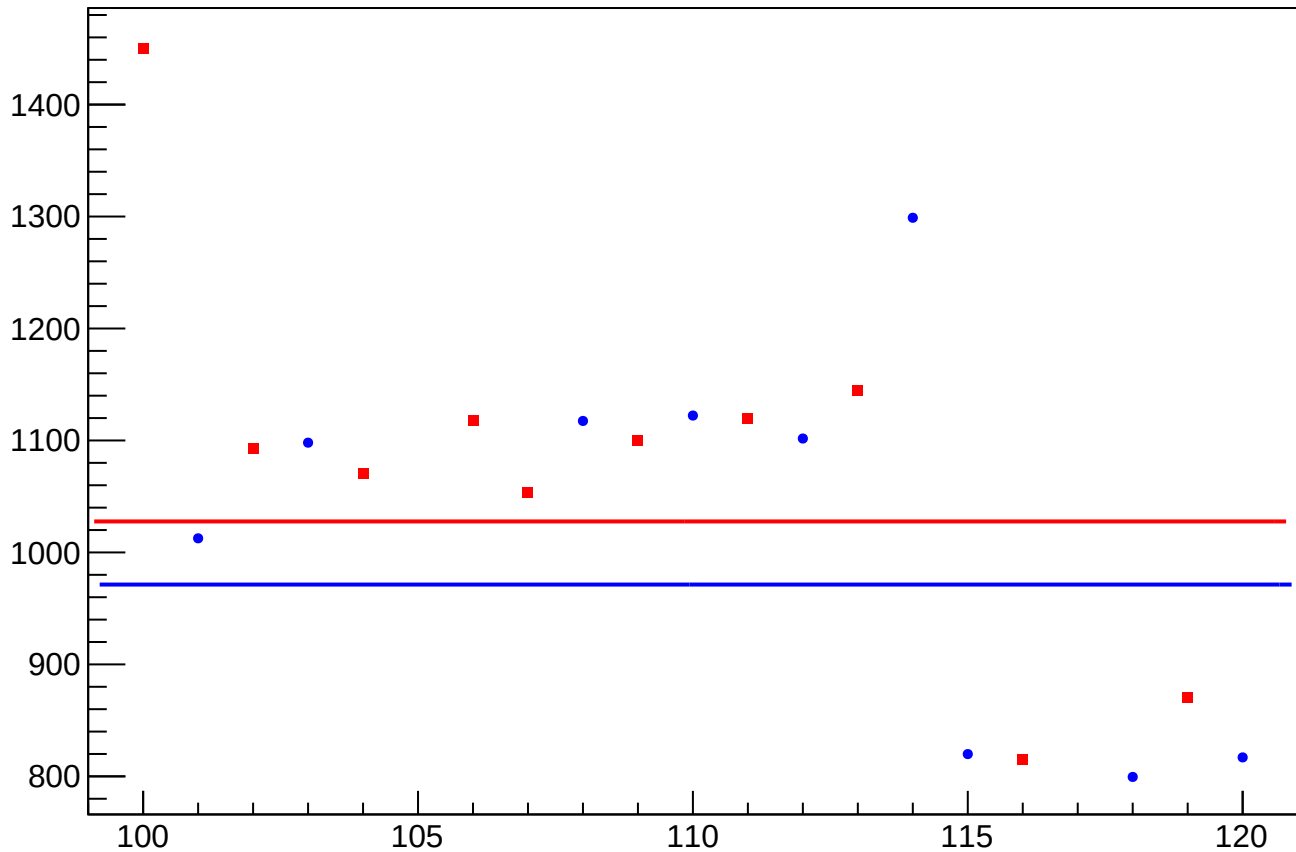
Right: -201.259+/-361.510 χ^2/NDF : 17.5/18

In: 484.085+/-512.546 χ^2/NDF : 8.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -201.259+/-361.510 χ^2/NDF : 17.5/18

asym_sam_15_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 971.306+/-0.362 χ^2/NDF : 158122.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1027.680+/-0.361 χ^2/NDF : 117267.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

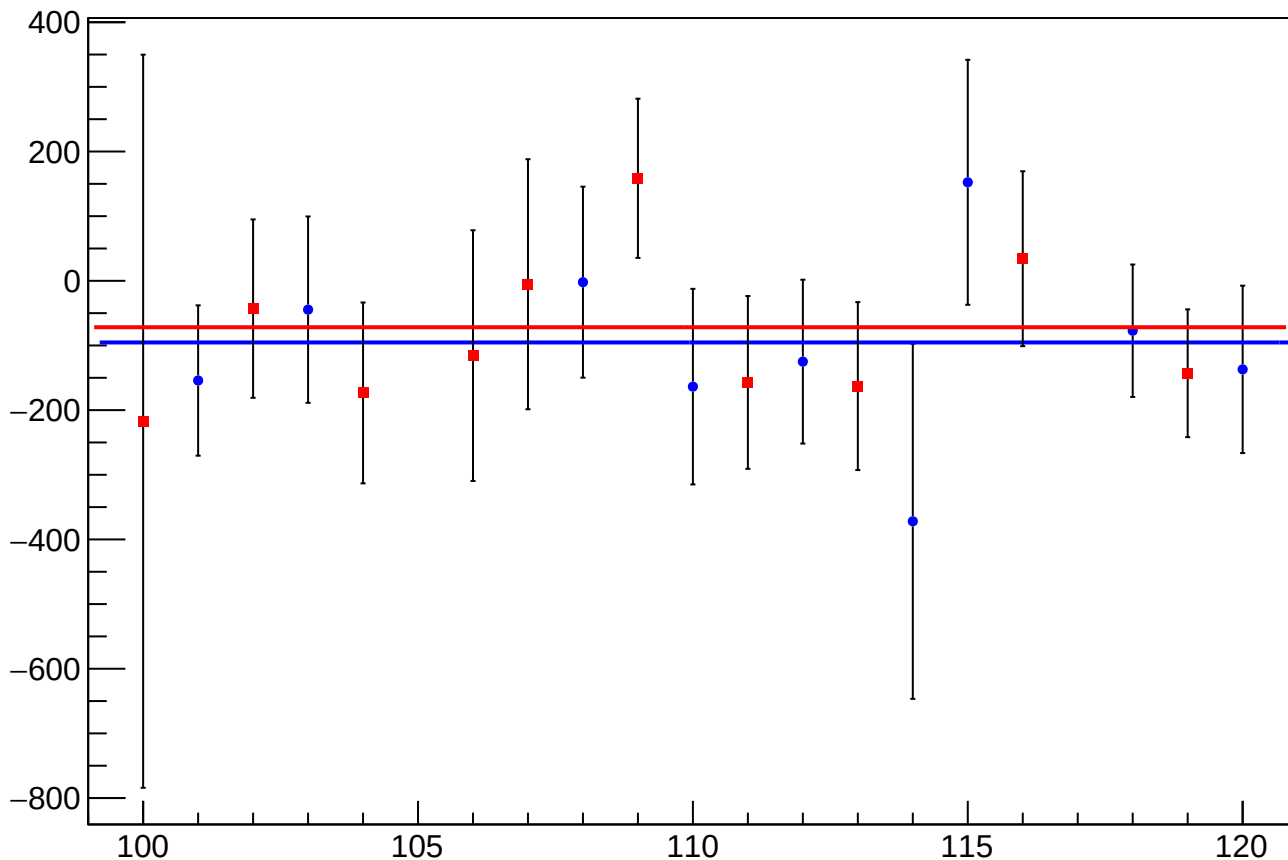
Right: 999.635+/-0.256 χ^2/NDF : 287548.7/18

In: 971.306+/-0.362 χ^2/NDF : 158122.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 999.635+/-0.256 χ^2/NDF : 287548.7/18

cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -95.318+/-46.123 χ^2/NDF : 3.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -71.774+/-44.791 χ^2/NDF : 6.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

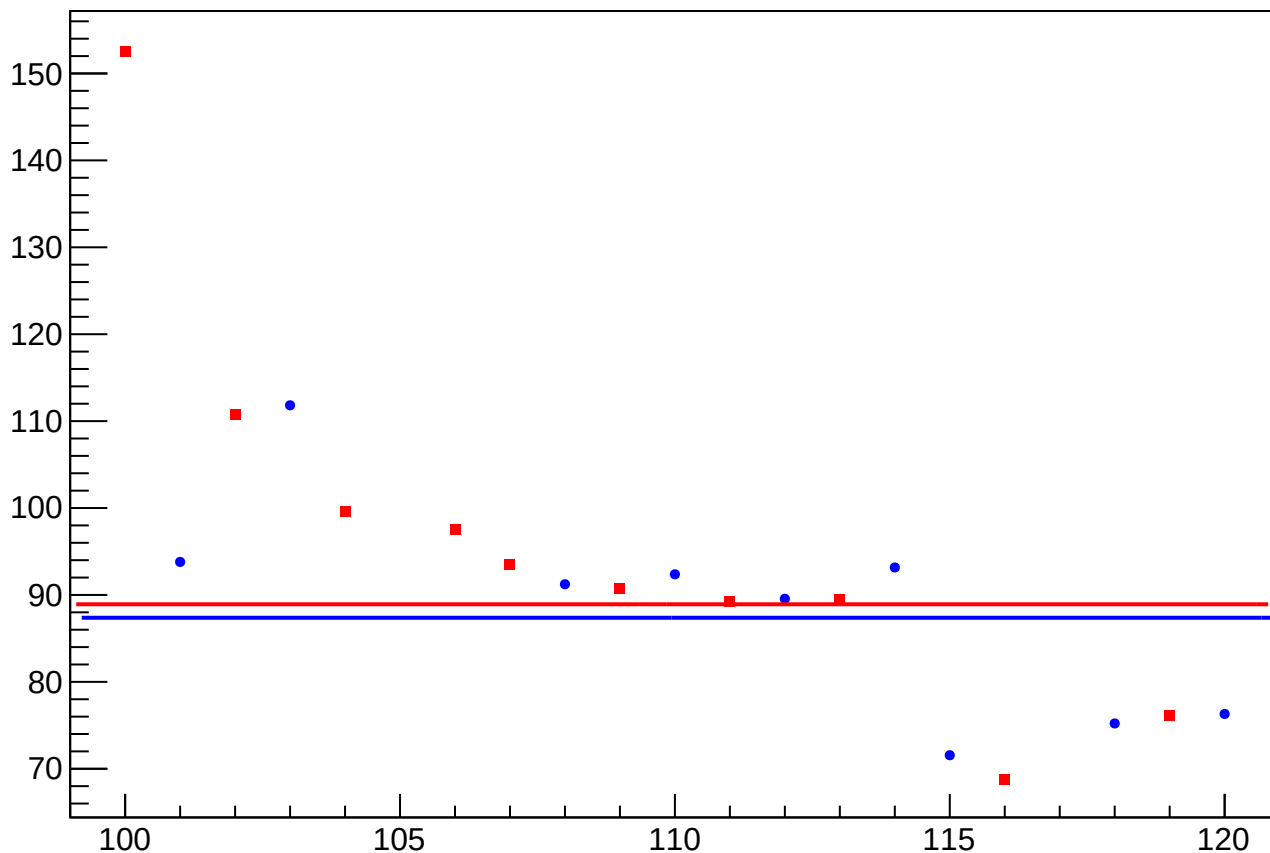
Right: -83.201+/-32.133 χ^2/NDF : 10.4/18

In: -95.318+/-46.123 χ^2/NDF : 3.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -83.201+/-32.133 χ^2/NDF : 10.4/18

cor_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 87.375+/-0.033 χ^2/NDF : 125446.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.926+/-0.032 χ^2/NDF : 170890.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

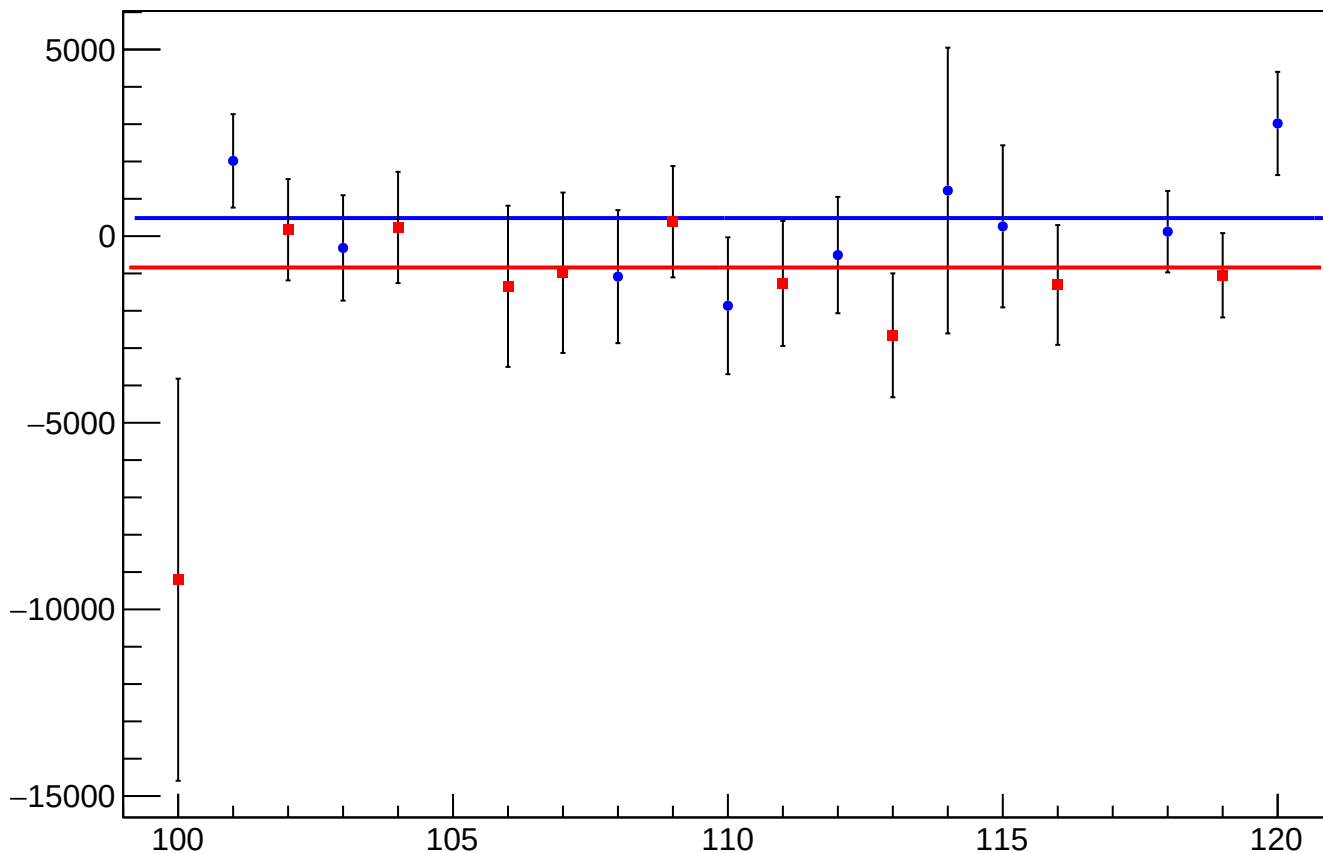
Right: 88.173+/-0.023 χ^2/NDF : 297500.9/18

In: 87.375+/-0.033 χ^2/NDF : 125446.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.173+/-0.023 χ^2/NDF : 297500.9/18

asym_sam_15_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 484.029+/-512.550 χ^2/NDF : 8.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -839.914+/-512.981 χ^2/NDF : 5.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

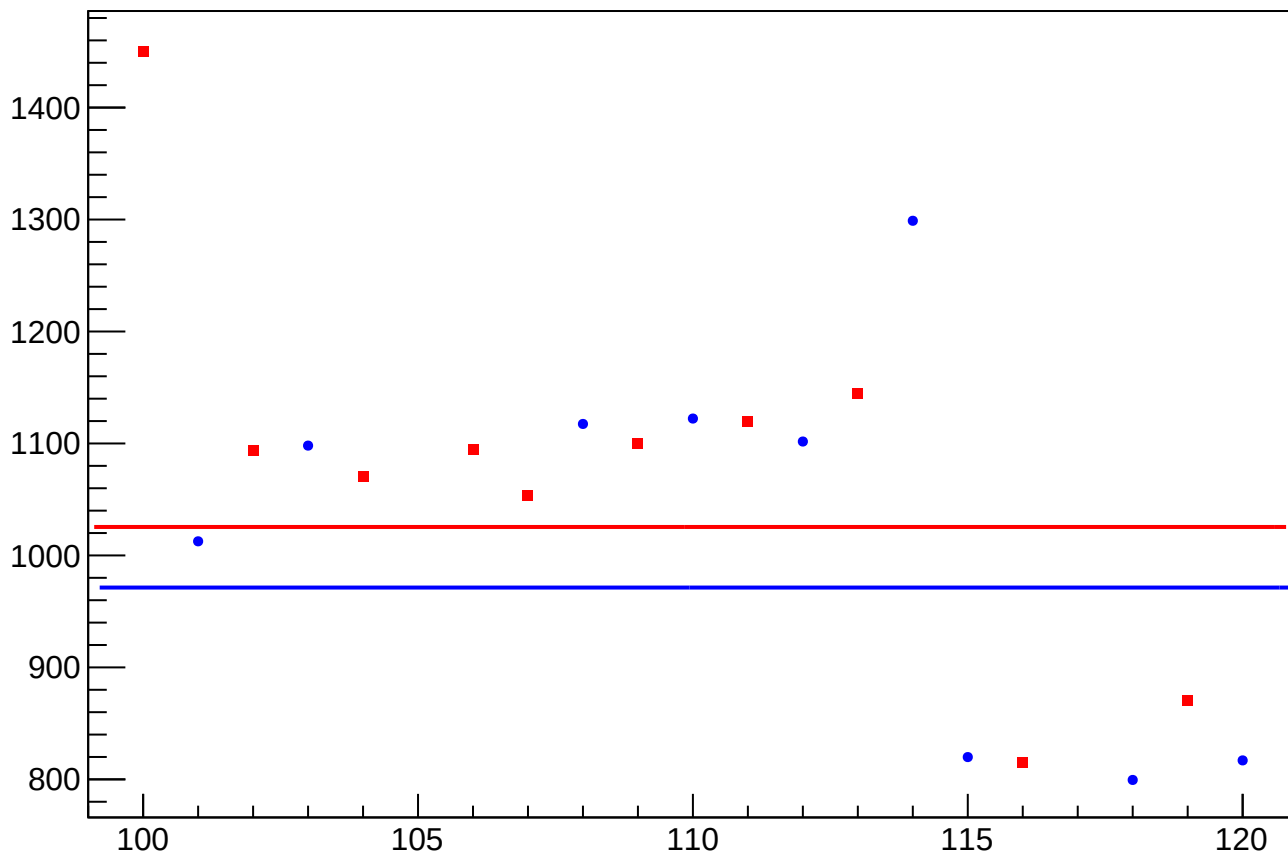
Right: -177.386+/-362.580 χ^2/NDF : 17.1/18

In: 484.029+/-512.550 χ^2/NDF : 8.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -177.386+/-362.580 χ^2/NDF : 17.1/18

asym_sam_15_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 971.312+/-0.362 χ^2/NDF : 158135.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1025.424+/-0.363 χ^2/NDF : 115057.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

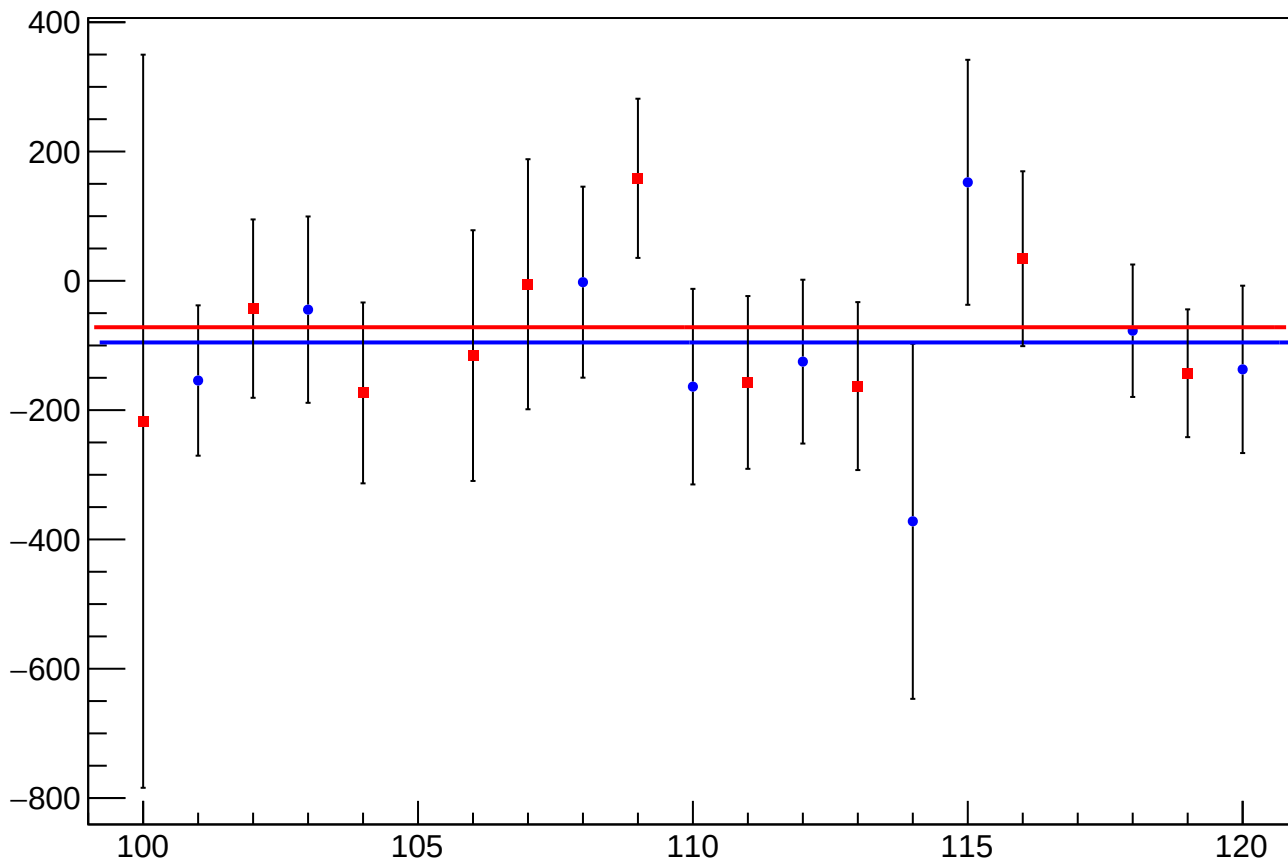
Right: 998.345+/-0.256 χ^2/NDF : 284329.7/18

In: 971.312+/-0.362 χ^2/NDF : 158135.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 998.345+/-0.256 χ^2/NDF : 284329.7/18

eigen_cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -95.318+/-46.123 χ^2/NDF : 3.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -71.774+/-44.791 χ^2/NDF : 6.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

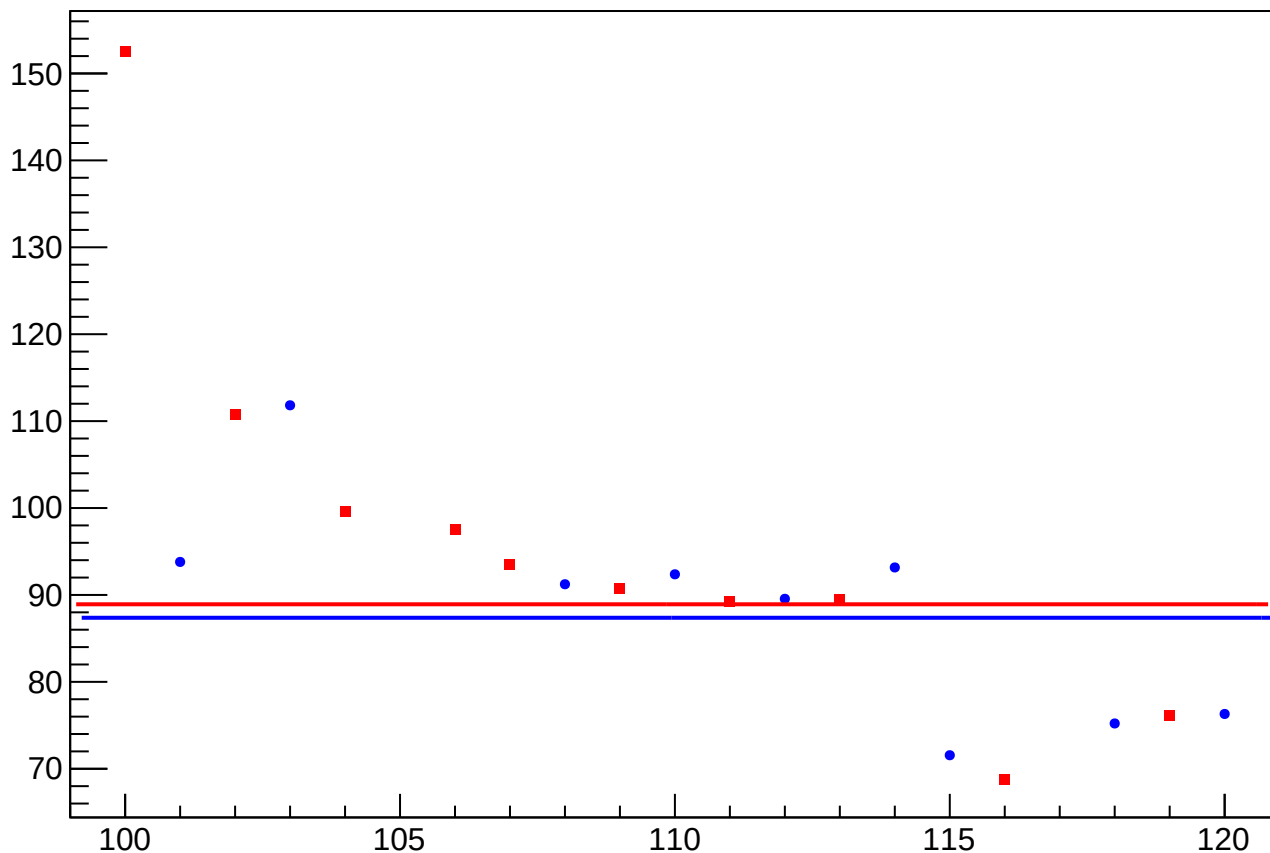
Right: -83.201+/-32.133 χ^2/NDF : 10.4/18

In: -95.318+/-46.123 χ^2/NDF : 3.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -83.201+/-32.133 χ^2/NDF : 10.4/18

eigen_cor_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 87.375+/-0.033 χ^2/NDF : 125446.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.926+/-0.032 χ^2/NDF : 170890.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

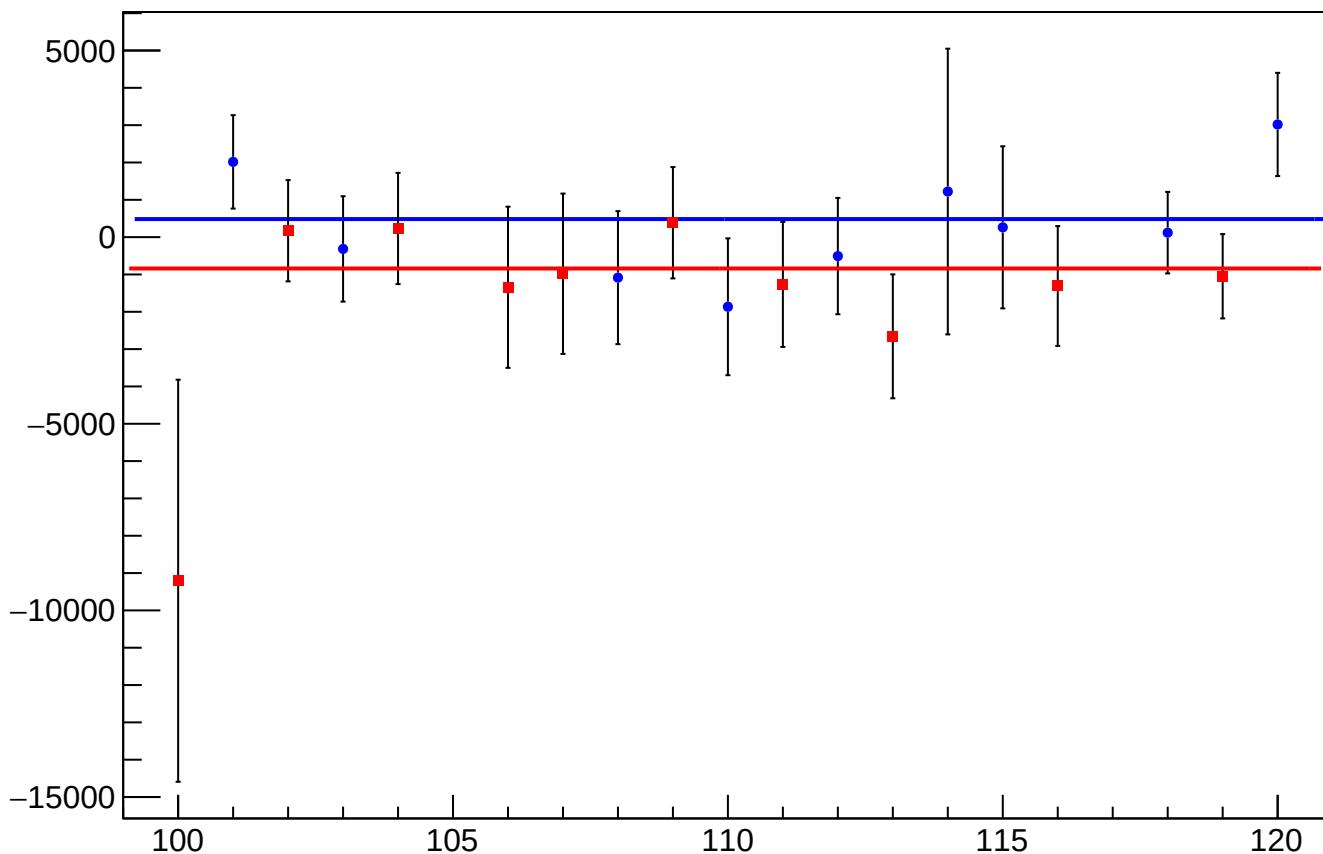
Right: 88.173+/-0.023 χ^2/NDF : 297500.9/18

In: 87.375+/-0.033 χ^2/NDF : 125446.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.173+/-0.023 χ^2/NDF : 297500.9/18

asym_sam_15_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 484.029+/-512.550 χ^2/NDF : 8.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -839.914+/-512.981 χ^2/NDF : 5.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

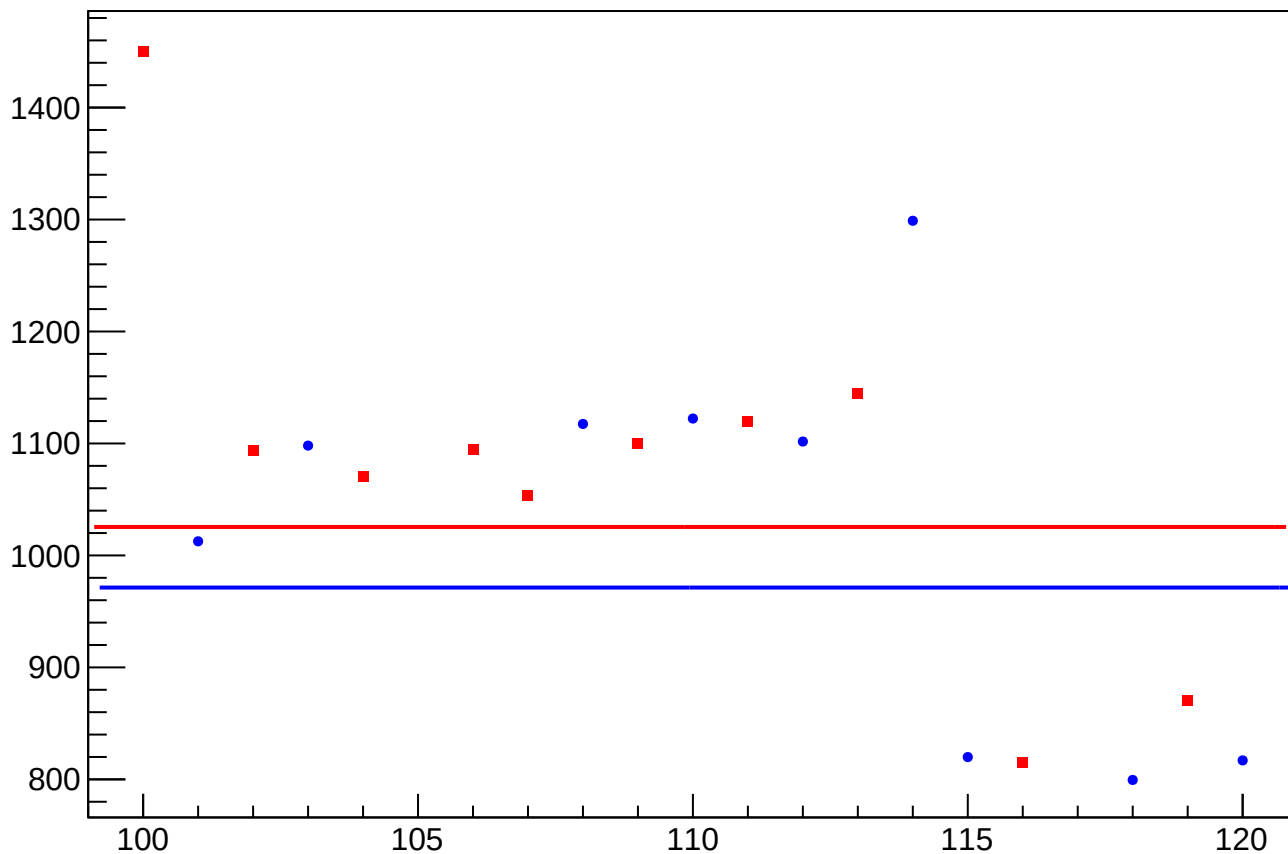
Right: -177.386+/-362.580 χ^2/NDF : 17.1/18

In: 484.029+/-512.550 χ^2/NDF : 8.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -177.386+/-362.580 χ^2/NDF : 17.1/18

asym_sam_15_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 971.312+/-0.362 χ^2/NDF : 158135.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1025.424+/-0.363 χ^2/NDF : 115057.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

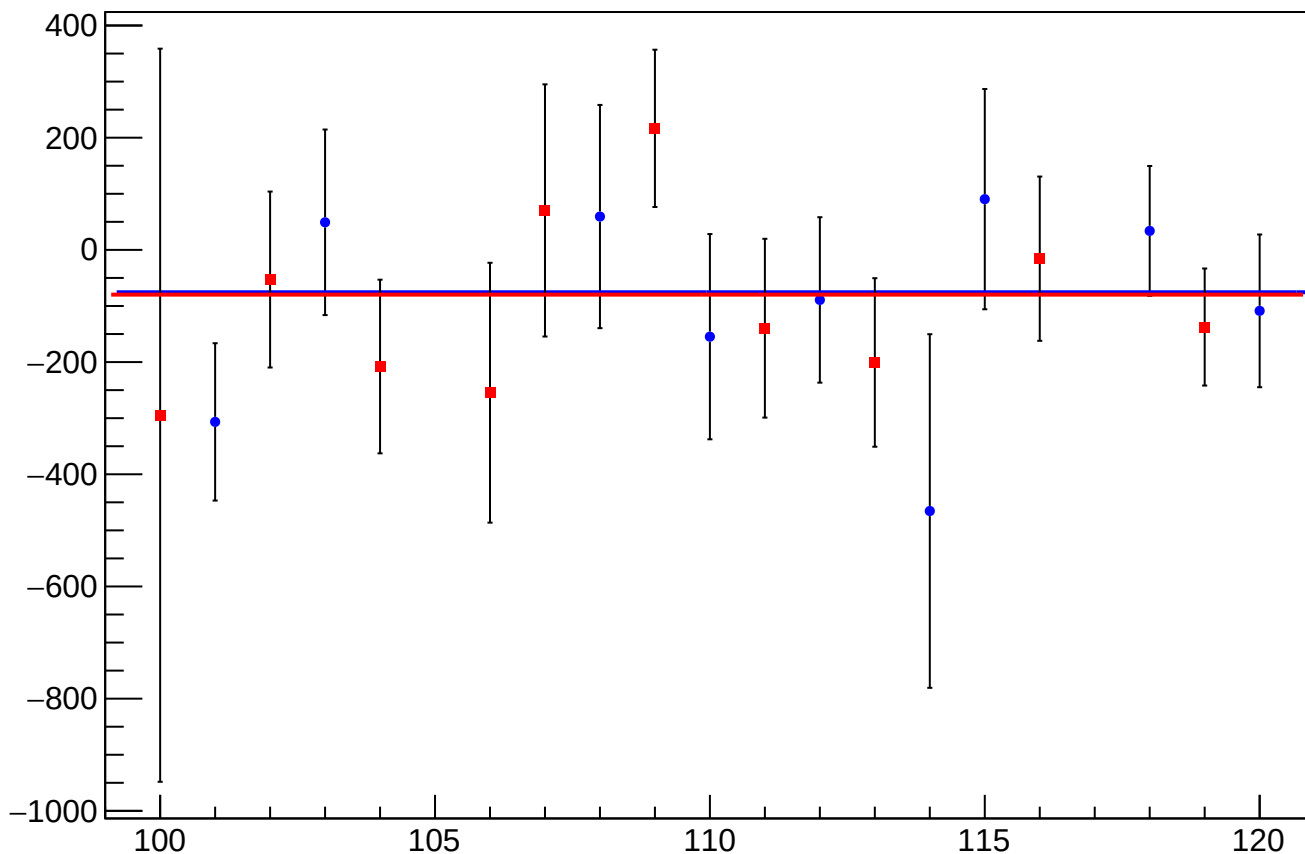
Right: 998.345+/-0.256 χ^2/NDF : 284329.7/18

In: 971.312+/-0.362 χ^2/NDF : 158135.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 998.345+/-0.256 χ^2/NDF : 284329.7/18

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -75.570+/-53.211 χ^2/NDF : 7.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -79.745+/-50.234 χ^2/NDF : 7.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

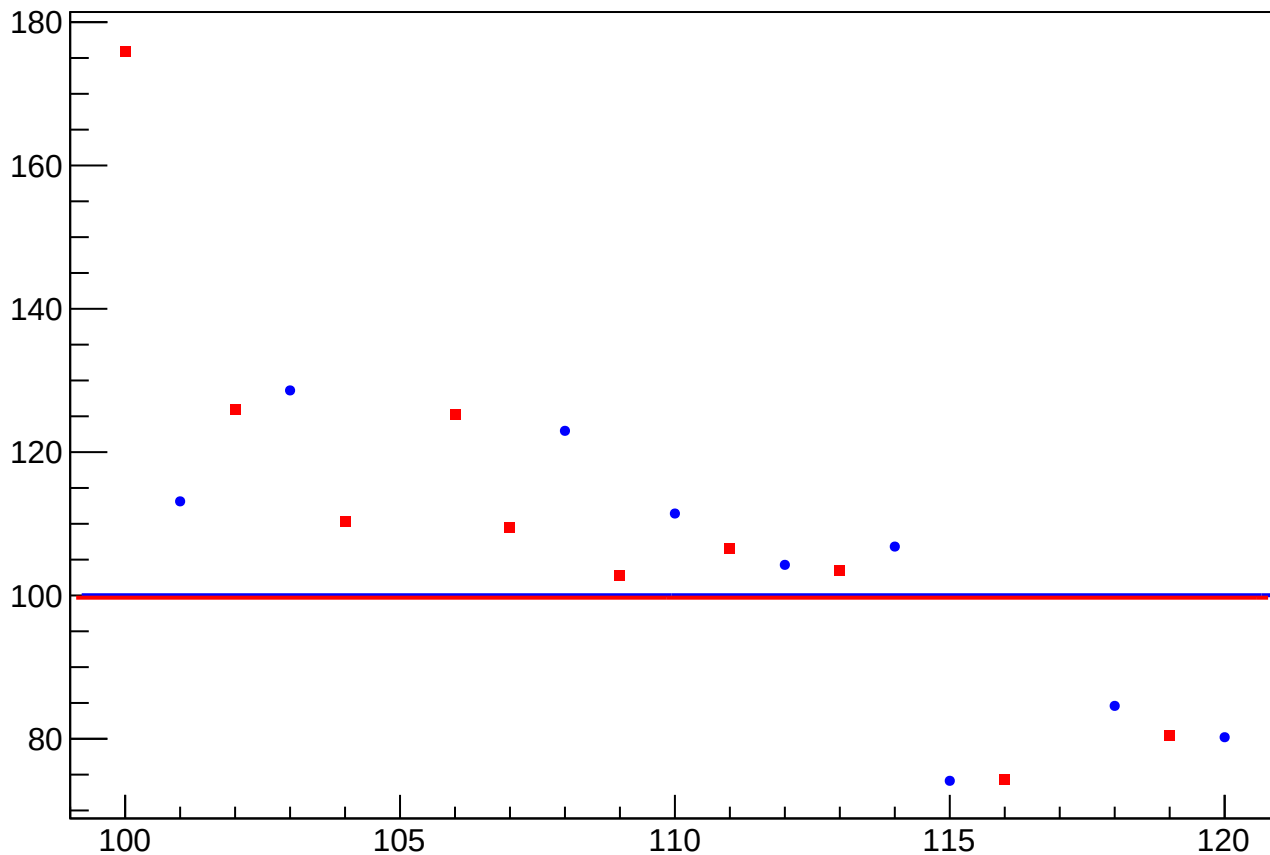
Right: -77.777+/-36.528 χ^2/NDF : 14.7/18

In: -75.570+/-53.211 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -77.777+/-36.528 χ^2/NDF : 14.7/18

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 100.032+/-0.038 χ^2/NDF : 226874.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.691+/-0.036 χ^2/NDF : 254861.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

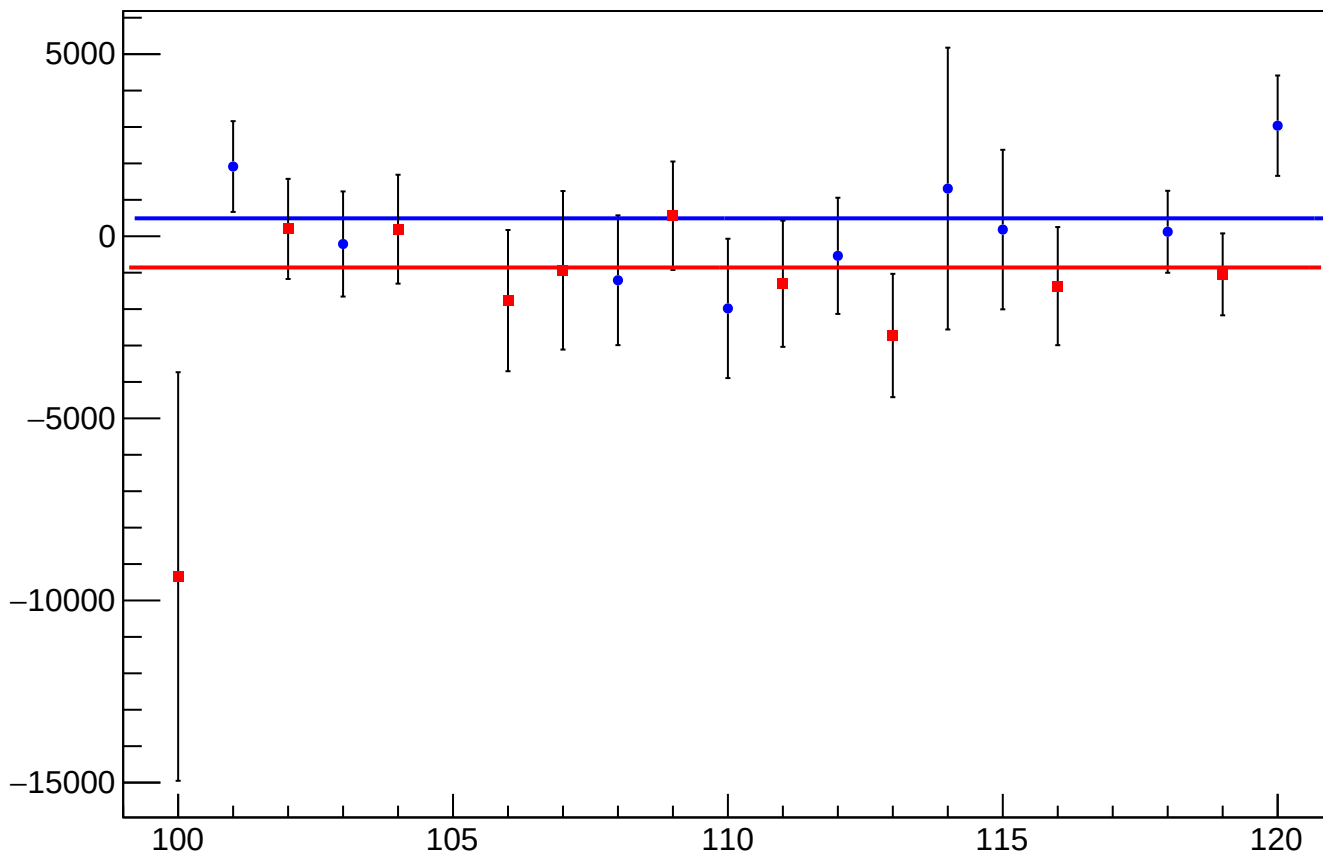
Right: 99.852+/-0.026 χ^2/NDF : 481779.5/18

In: 100.032+/-0.038 χ^2/NDF : 226874.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.852+/-0.026 χ^2/NDF : 481779.5/18

asym_sam_15_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 492.195+/-520.088 χ^2/NDF : 8.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -857.230+/-513.644 χ^2/NDF : 5.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

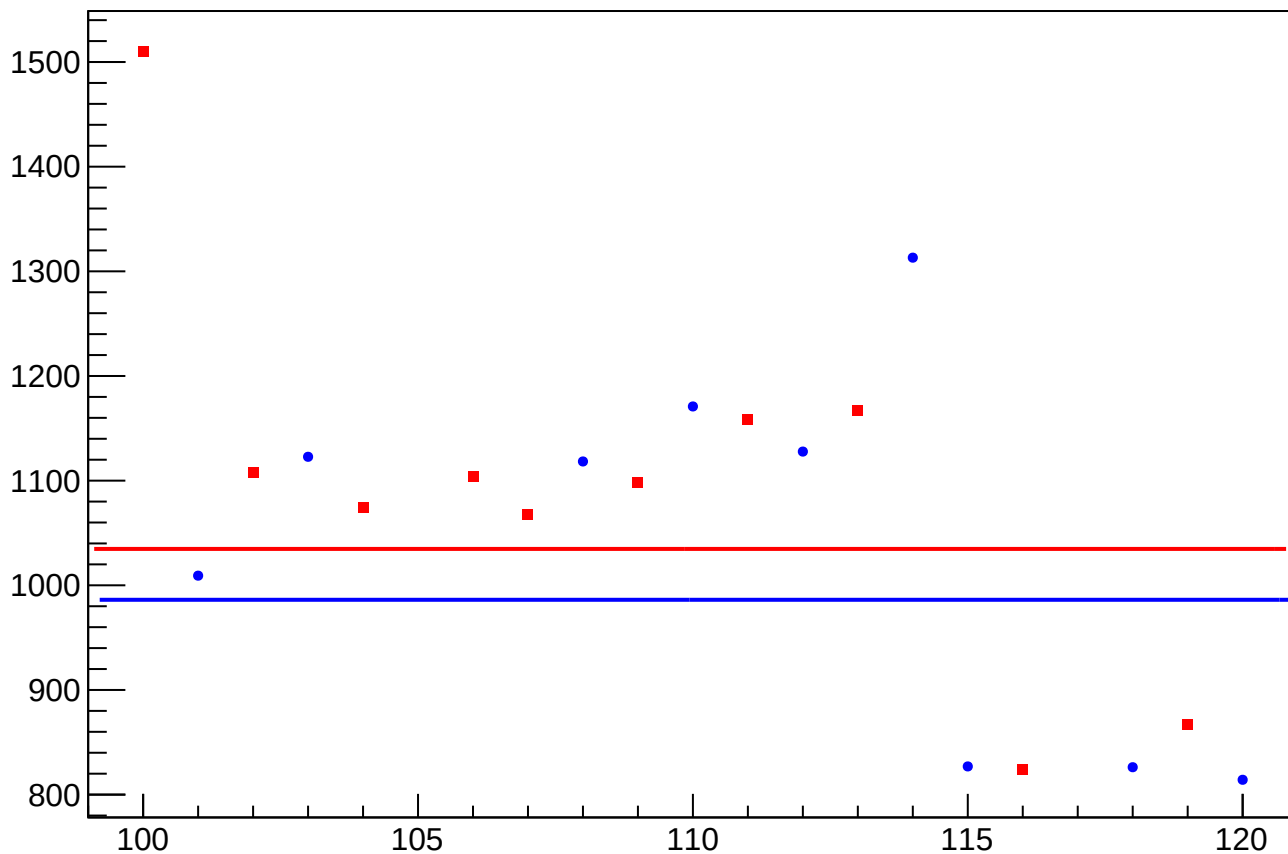
Right: -190.929+/-365.458 χ^2/NDF : 17.4/18

In: 492.195+/-520.088 χ^2/NDF : 8.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -190.929+/-365.458 χ^2/NDF : 17.4/18

asym_sam_15_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 986.162 $\pm$ 0.368 χ^2 /NDF: 160448.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1034.765 $\pm$ 0.363 χ^2 /NDF: 128551.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

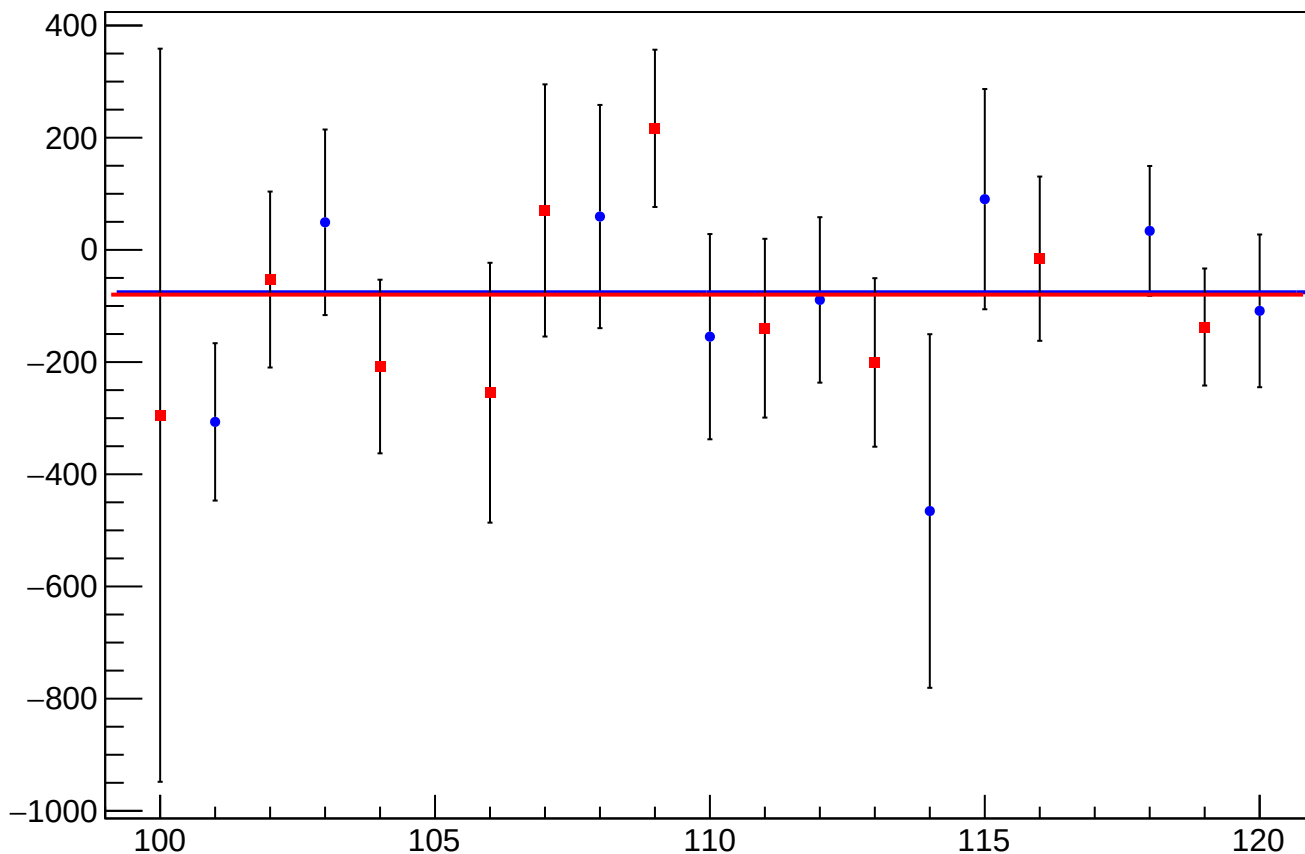
Right: 1010.767 $\pm$ 0.258 χ^2 /NDF: 297842.5/18

In: 986.162 $\pm$ 0.368 χ^2 /NDF:160448.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1010.767 $\pm$ 0.258 χ^2 /NDF: 297842.5/18

eigen_dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -75.571+/-53.211 χ^2/NDF : 7.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -79.742+/-50.234 χ^2/NDF : 7.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

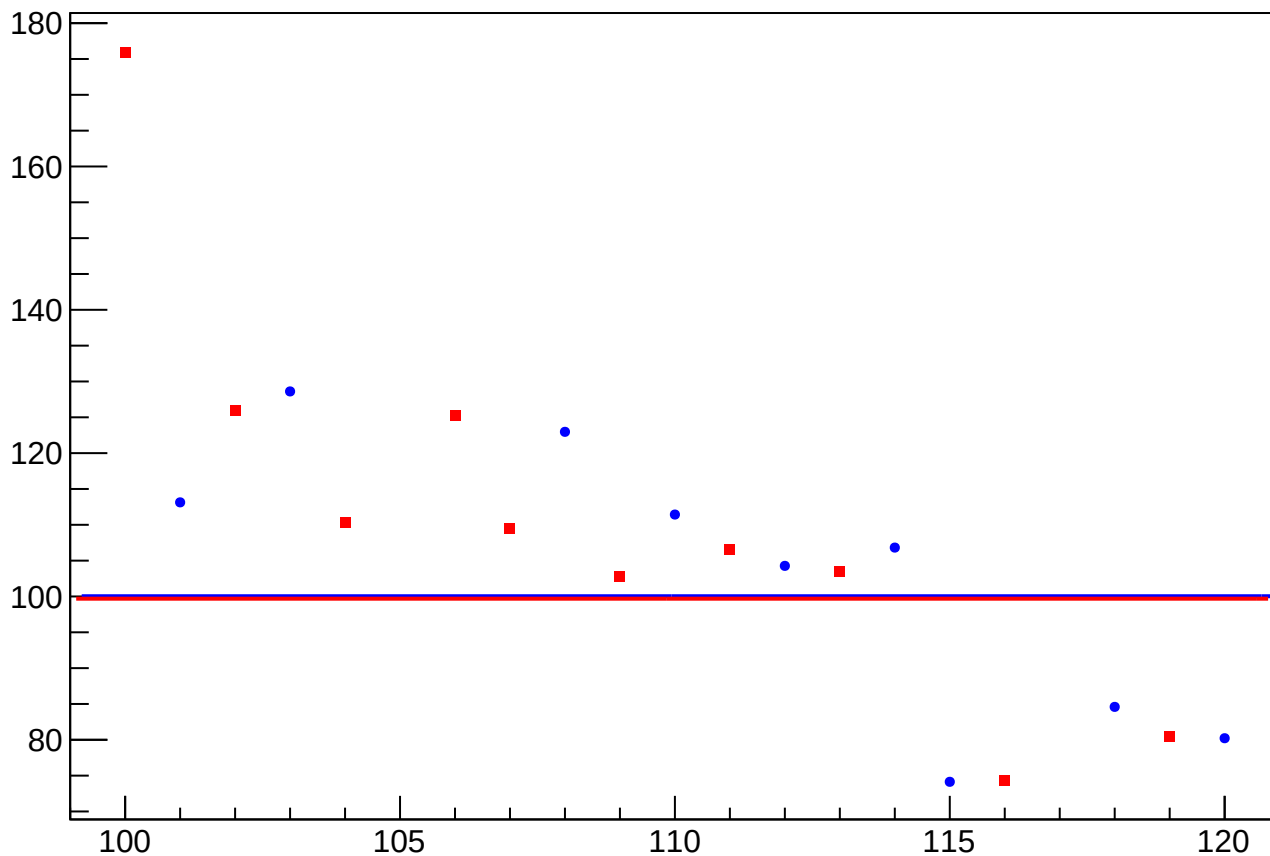
Right: -77.776+/-36.528 χ^2/NDF : 14.7/18

In: -75.571+/-53.211 χ^2/NDF : 7.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -77.776+/-36.528 χ^2/NDF : 14.7/18

eigen_dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 100.032+/-0.038 χ^2/NDF : 226866.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.690+/-0.036 χ^2/NDF : 254846.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

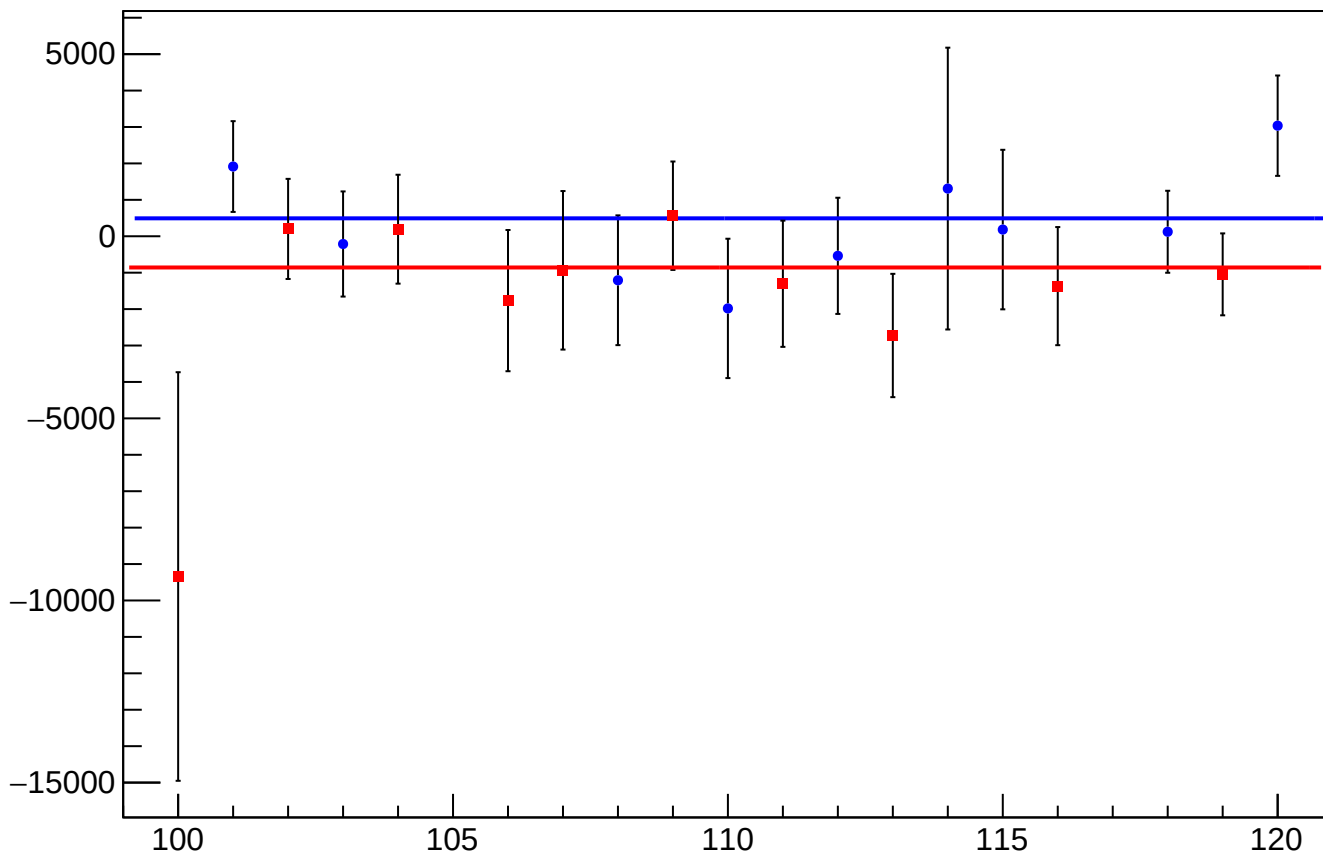
Right: 99.851+/-0.026 χ^2/NDF : 481755.9/18

In: 100.032+/-0.038 χ^2/NDF : 226866.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.851+/-0.026 χ^2/NDF : 481755.9/18

asym_sam_15_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 492.193 ± 520.087 χ^2/NDF : 8.1/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -857.228 ± 513.643 χ^2/NDF : 5.9/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

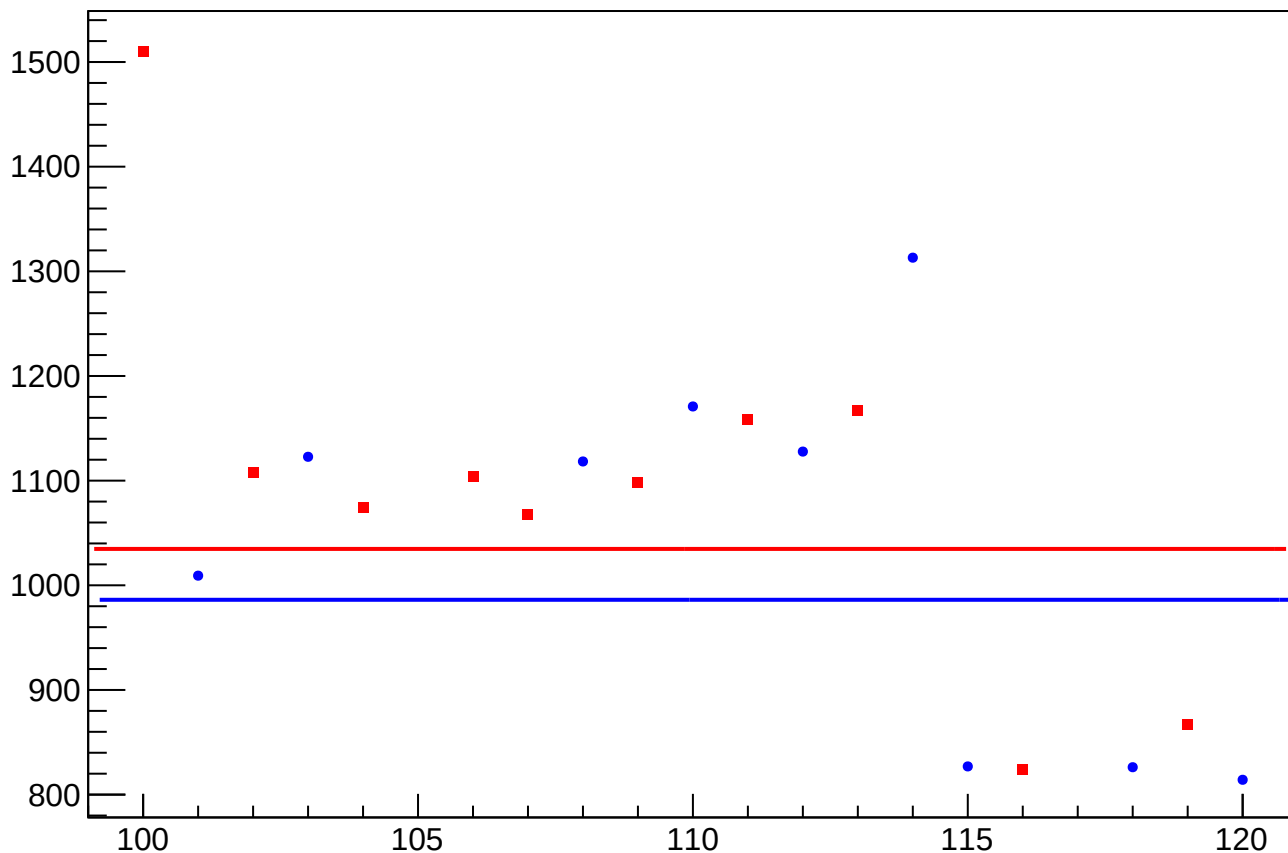
Right: -190.929 ± 365.457 χ^2/NDF : 17.4/18

In: 492.193 ± 520.087 χ^2/NDF : 8.1/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -190.929 ± 365.457 χ^2/NDF : 17.4/18

asym_sam_15_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 986.159+/-0.368 χ^2/NDF : 160446.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1034.762+/-0.363 χ^2/NDF : 128549.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

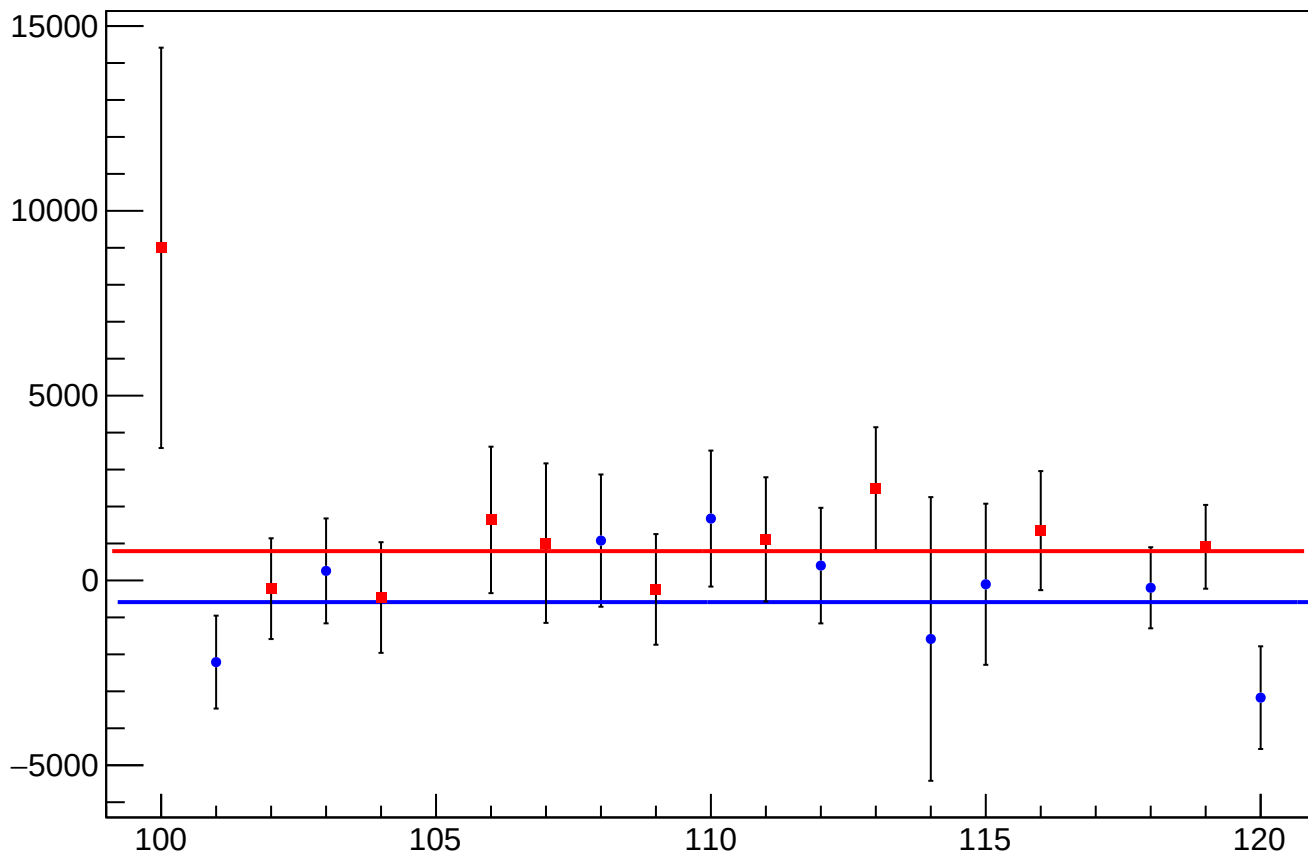
Right: 1010.764+/-0.258 χ^2/NDF : 297838.0/18

In: 986.159+/-0.368 χ^2/NDF : 160446.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1010.764+/-0.258 χ^2/NDF : 297838.0/18

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -586.279+/-514.761 χ^2/NDF : 8.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 792.645+/-512.163 χ^2/NDF : 5.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

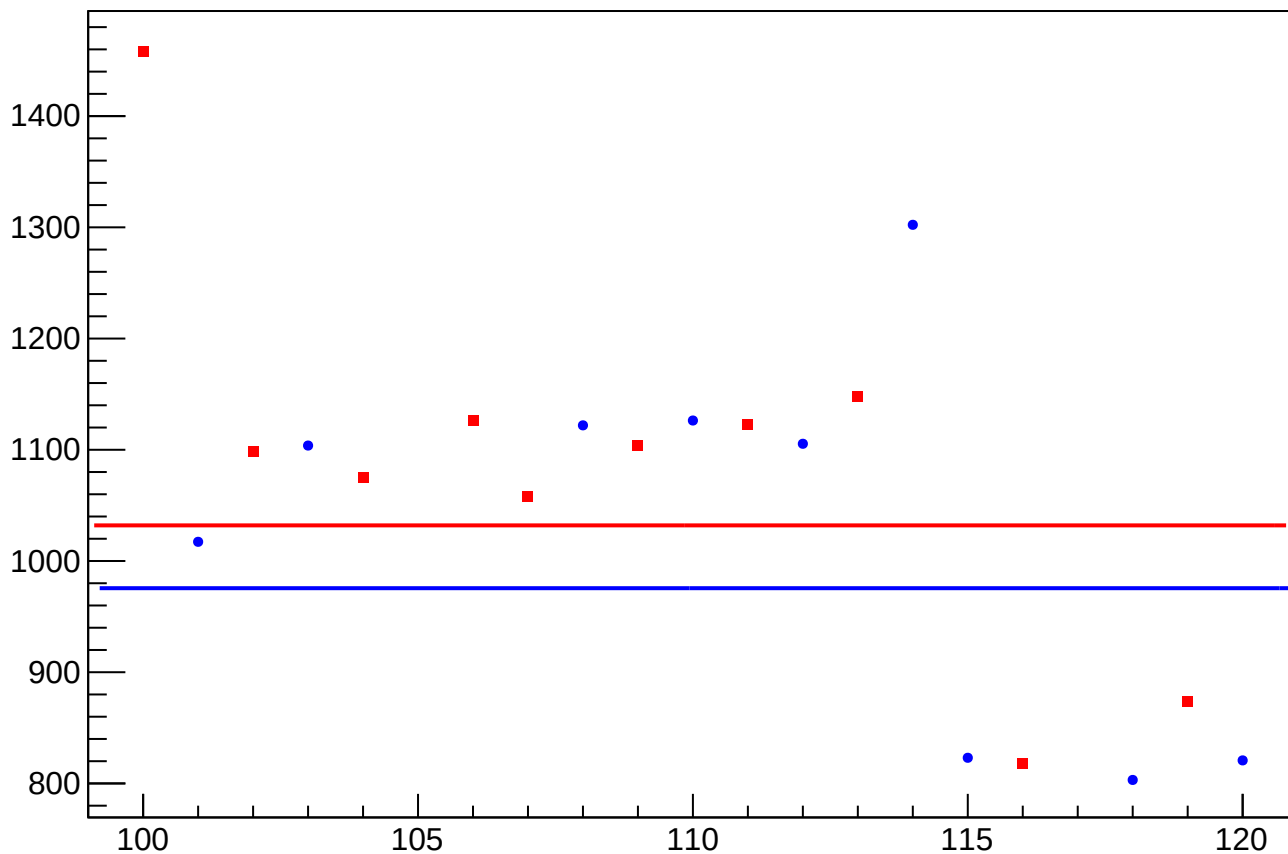
Right: 106.672+/-363.069 χ^2/NDF : 17.5/18

In: -586.279+/-514.761 χ^2/NDF : 8.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.672+/-363.069 χ^2/NDF : 17.5/18

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 975.554+/-0.364 χ^2/NDF : 157677.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1032.027+/-0.362 χ^2/NDF : 117790.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

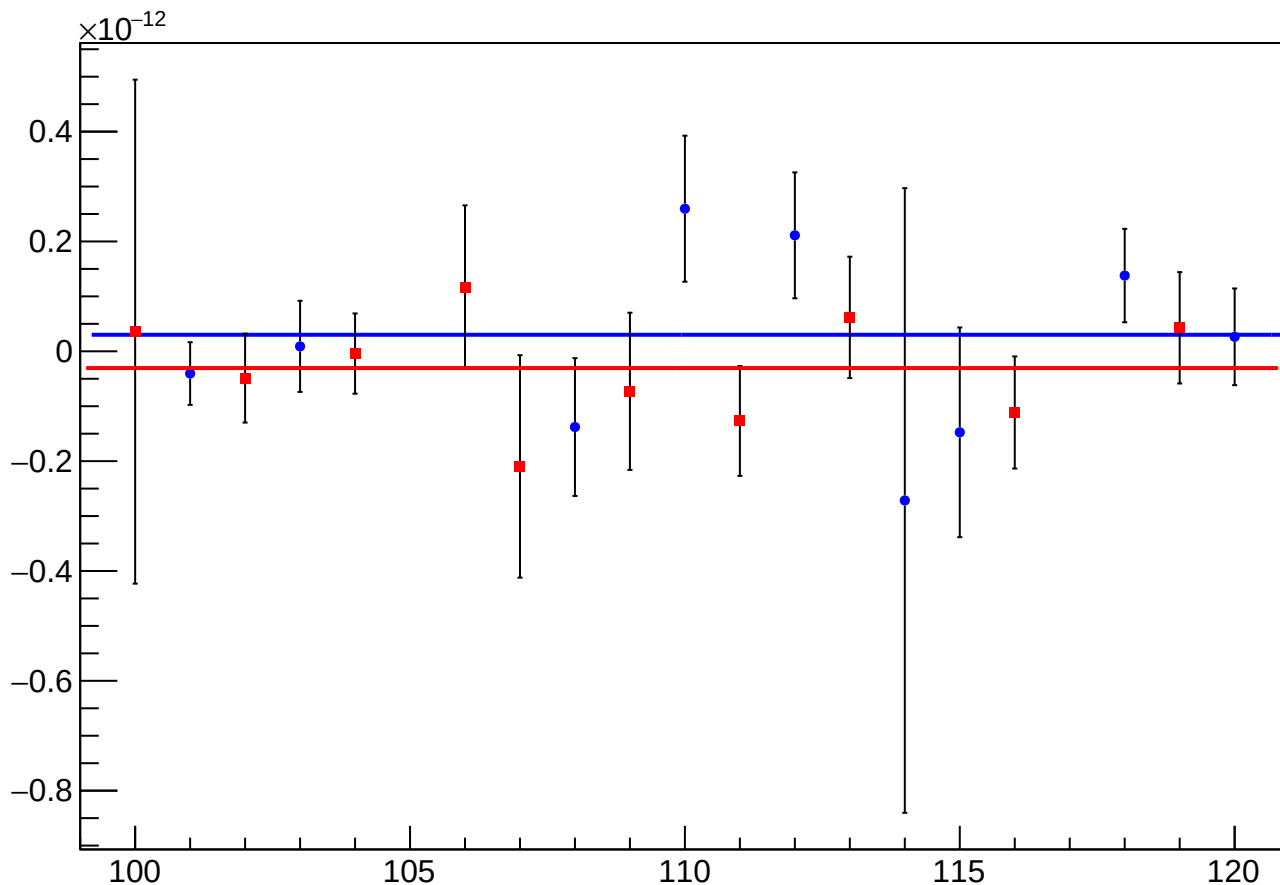
Right: 1003.933+/-0.257 χ^2/NDF : 287565.0/18

In: 975.554+/-0.364 χ^2/NDF : 157677.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1003.933+/-0.257 χ^2/NDF : 287565.0/18

asym_sam_15_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

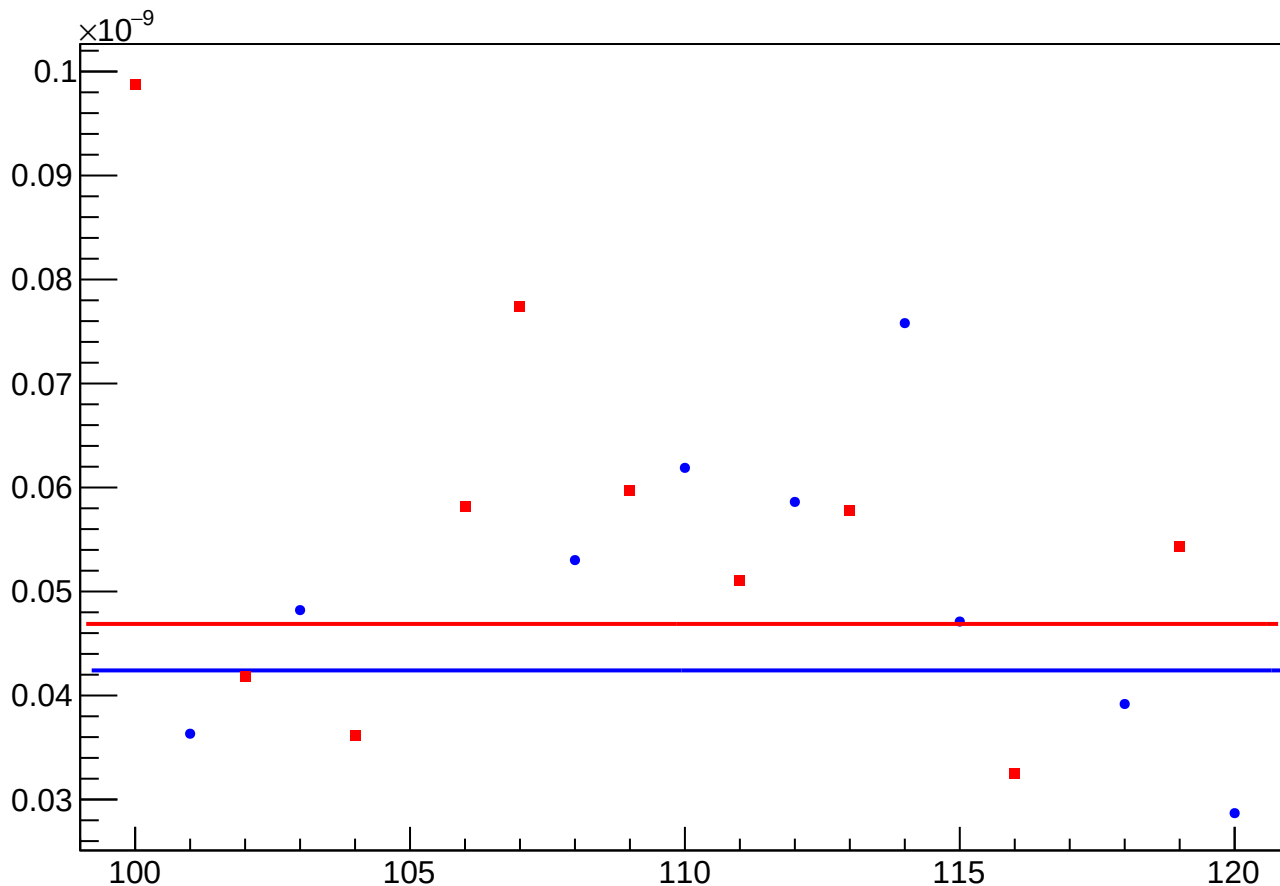
Right: 0.000+/-0.000 χ^2/NDF : 18.1/18

In: 0.000+/-0.000 χ^2/NDF : 11.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.1/18

asym_sam_15_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 189297.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 223085.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

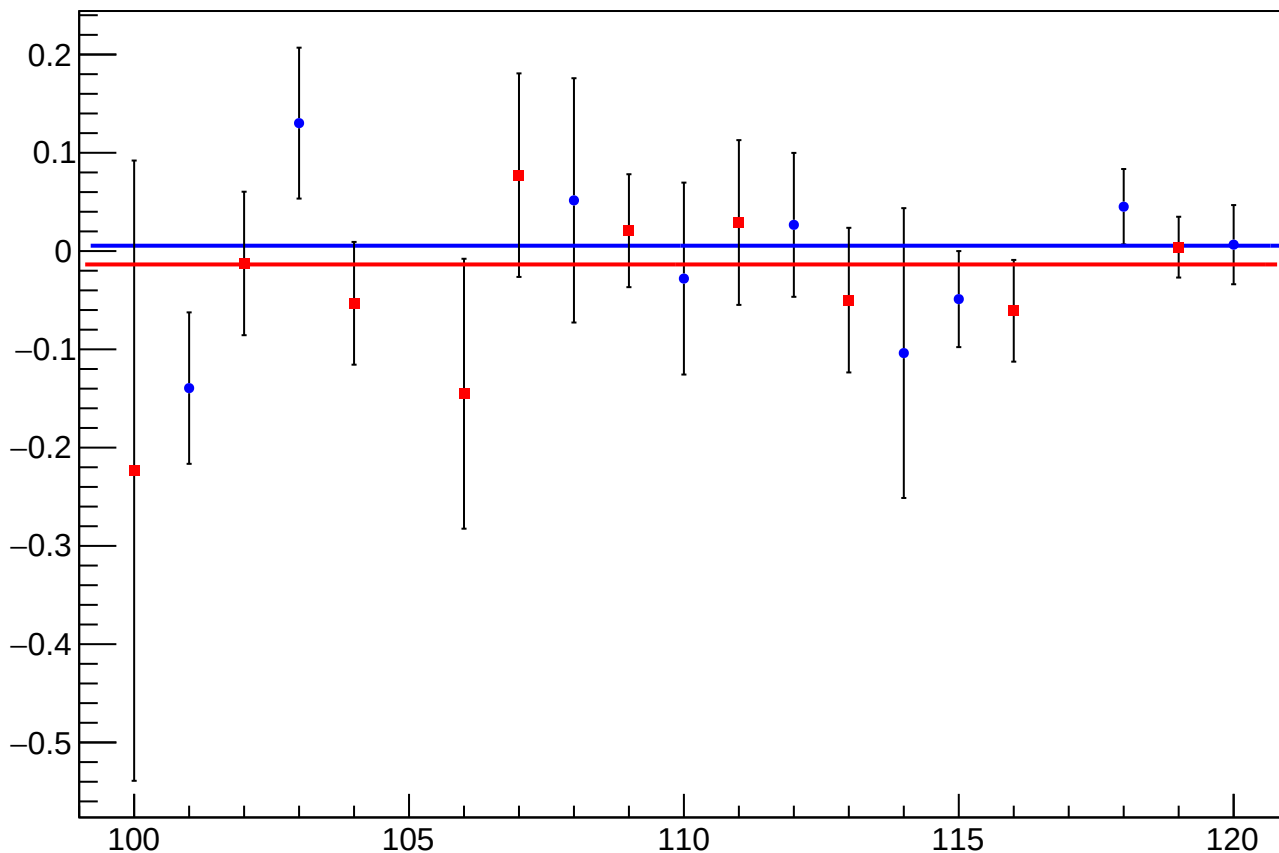
Right: 0.000+/-0.000 χ^2/NDF : 430136.8/18

In: 0.000+/-0.000 χ^2/NDF : 189297.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 430136.8/18

asym_sam_15_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.020 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.019 χ^2/NDF : 4.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

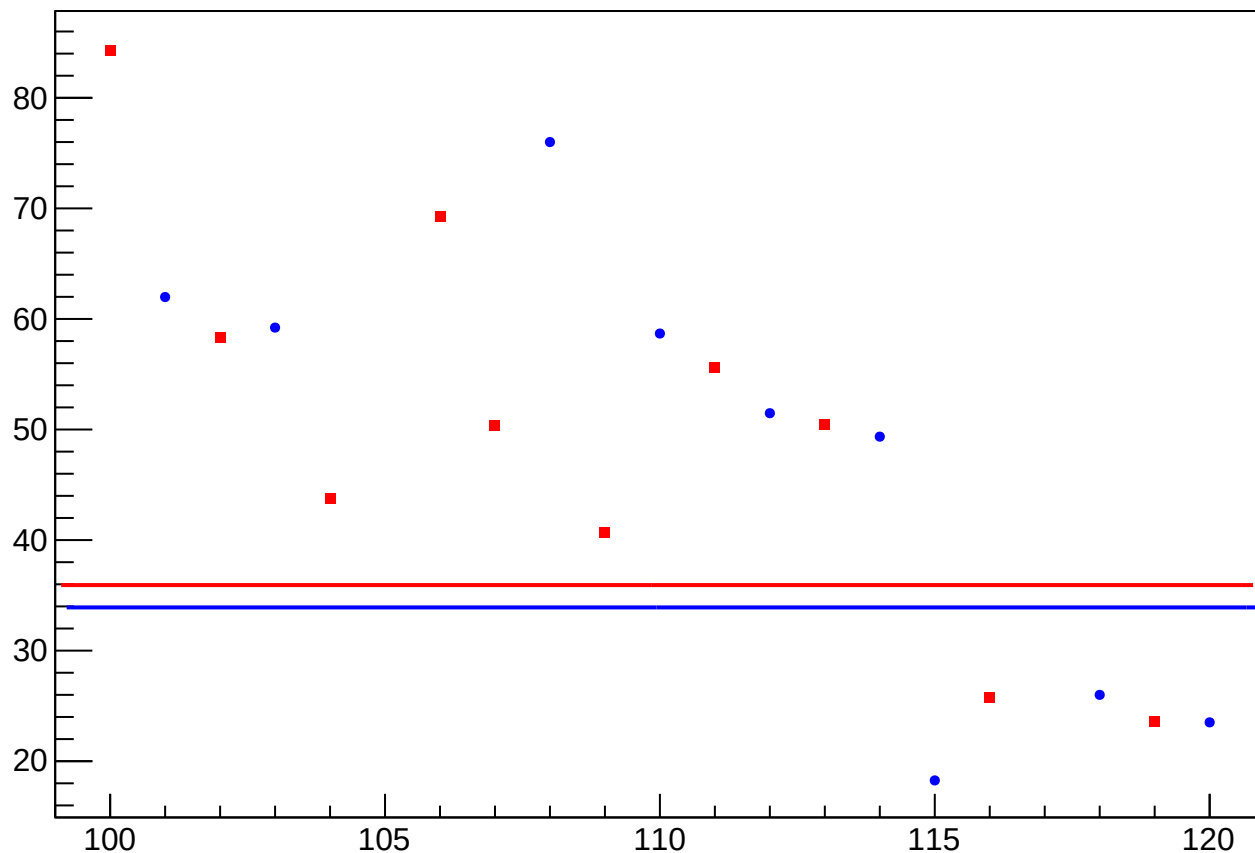
Right: -0.004+/-0.014 χ^2/NDF : 14.4/18

In: 0.005+/-0.020 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.004+/-0.014 χ^2/NDF : 14.4/18

asym_sam_15_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.909+/-0.014 χ^2/NDF : 1401182.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 35.929+/-0.014 χ^2/NDF : 1021146.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

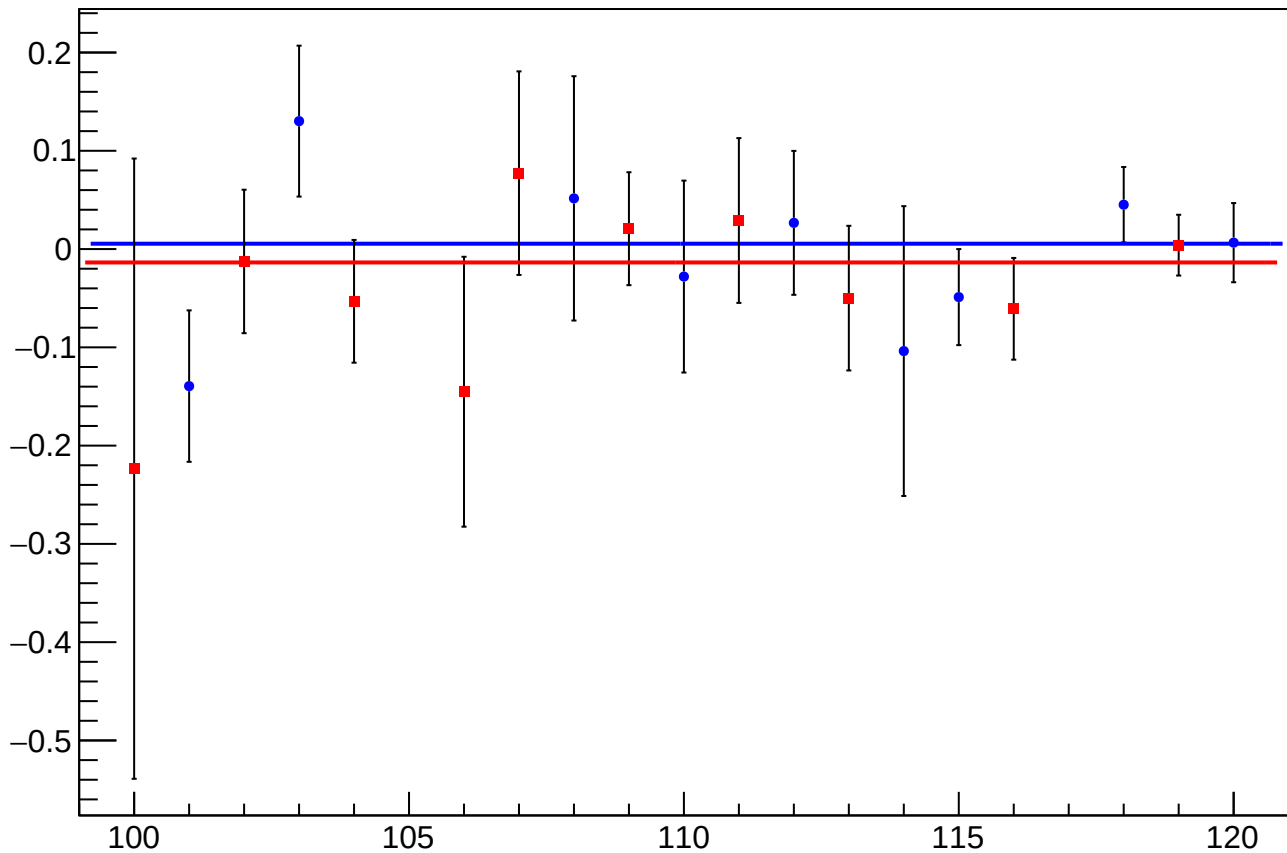
Right: 34.958+/-0.010 χ^2/NDF : 2432725.9/18

In: 33.909+/-0.014 χ^2/NDF :1401182.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 34.958+/-0.010 χ^2/NDF : 2432725.9/18

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.020 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.019 χ^2/NDF : 4.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

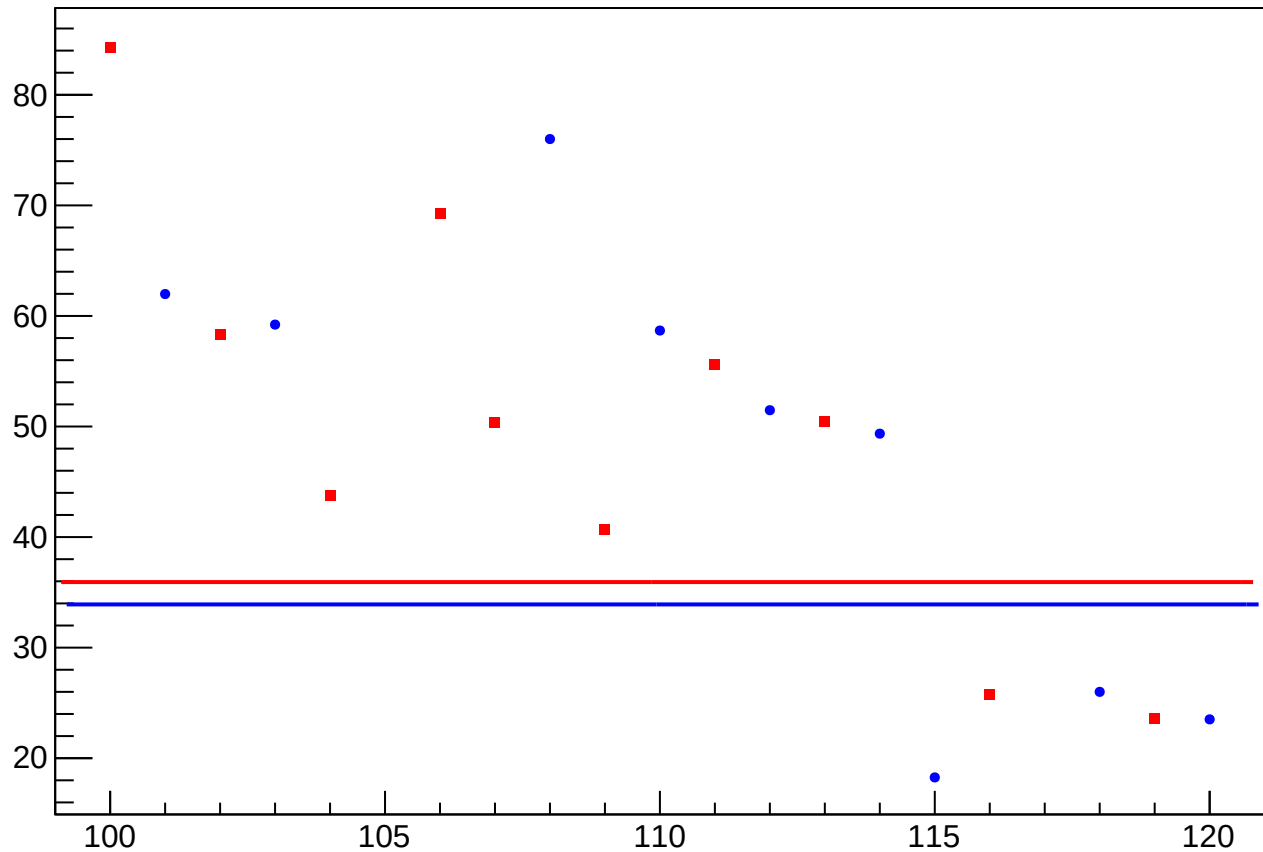
Right: -0.004+/-0.014 χ^2/NDF : 14.4/18

In: 0.005+/-0.020 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.004+/-0.014 χ^2/NDF : 14.4/18

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.909+/-0.014 χ^2/NDF : 1401182.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 35.929+/-0.014 χ^2/NDF : 1021146.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

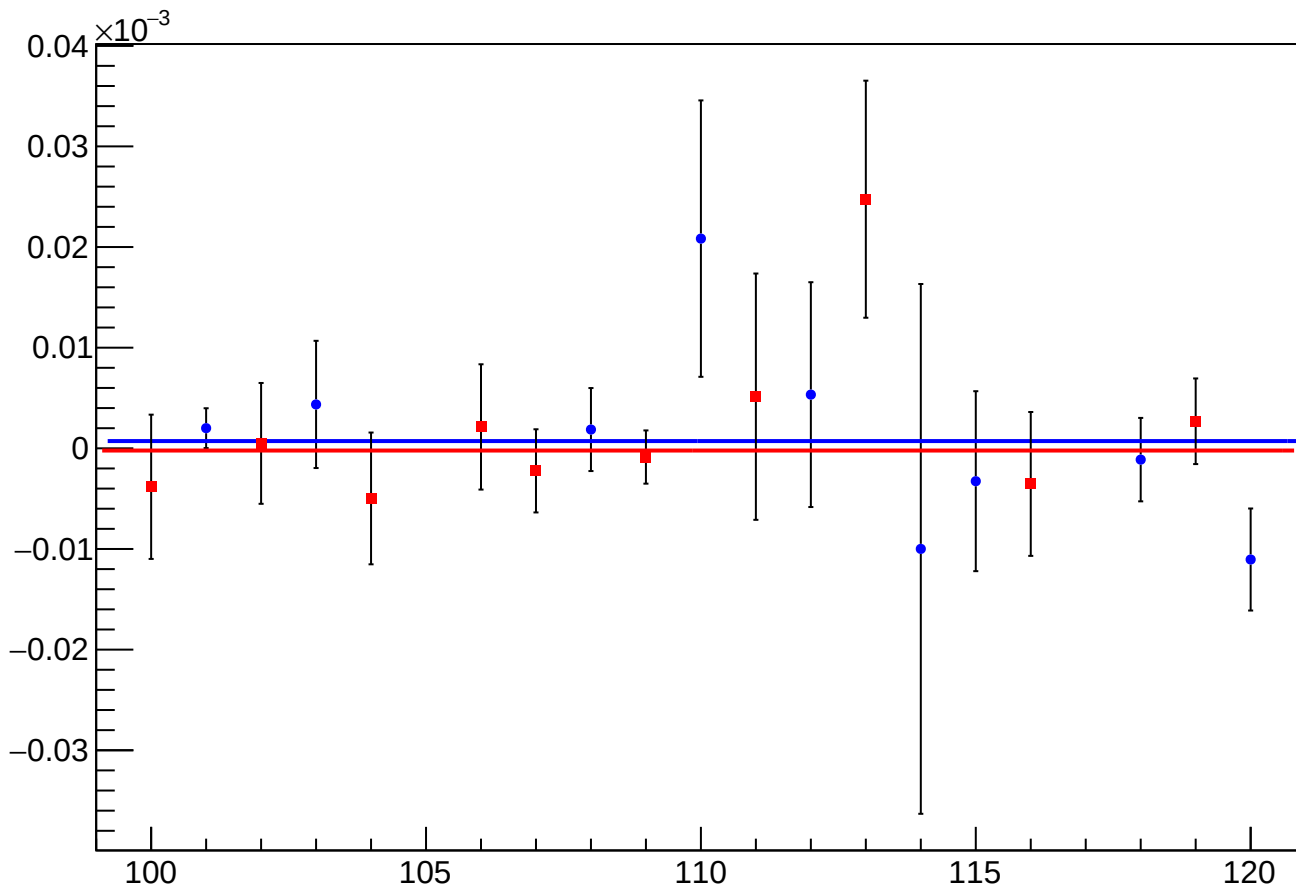
Right: 34.958+/-0.010 χ^2/NDF : 2432725.9/18

In: 33.909+/-0.014 χ^2/NDF :1401182.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 34.958+/-0.010 χ^2/NDF : 2432725.9/18

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

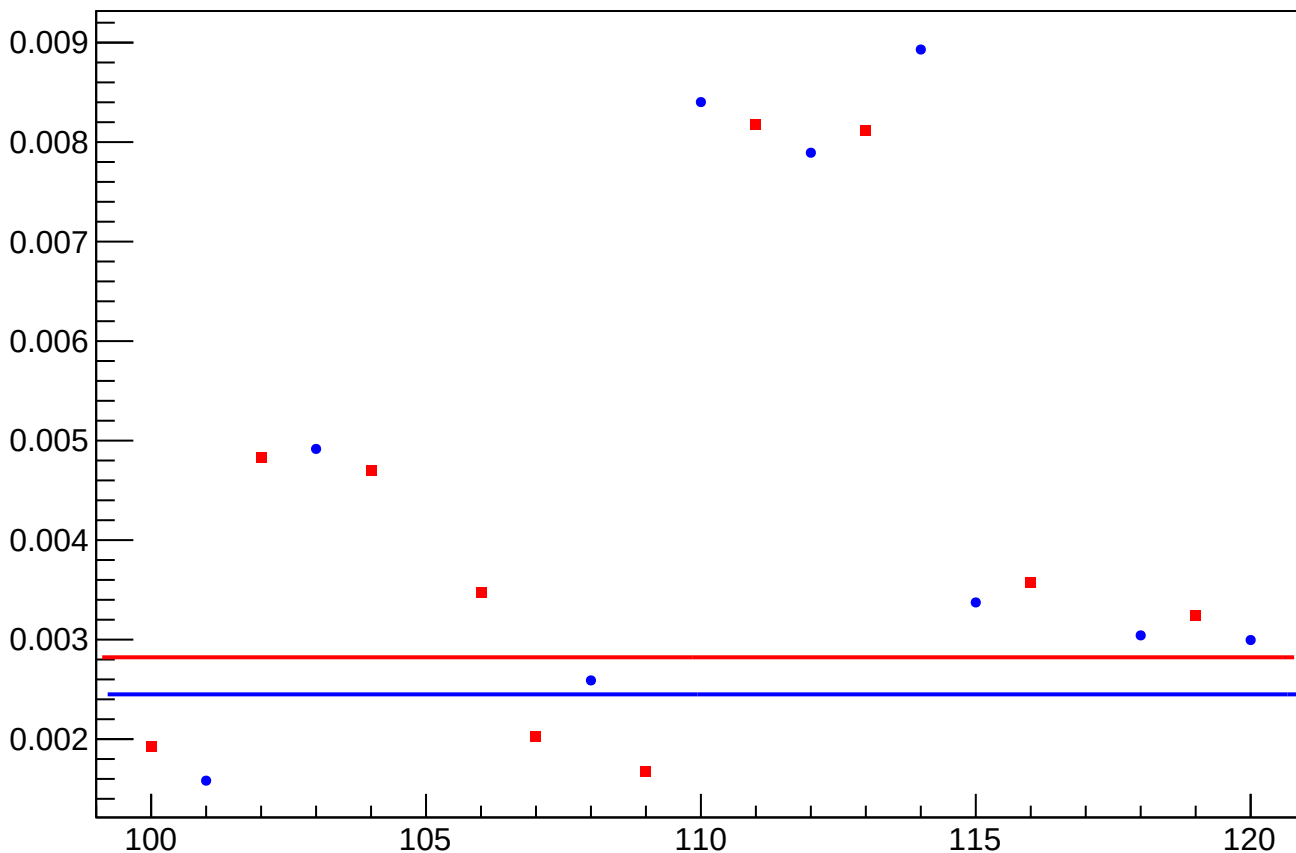
Right: 0.000+/-0.000 χ^2/NDF : 15.9/18

In: 0.000+/-0.000 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.9/18

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1749564.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1721483.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

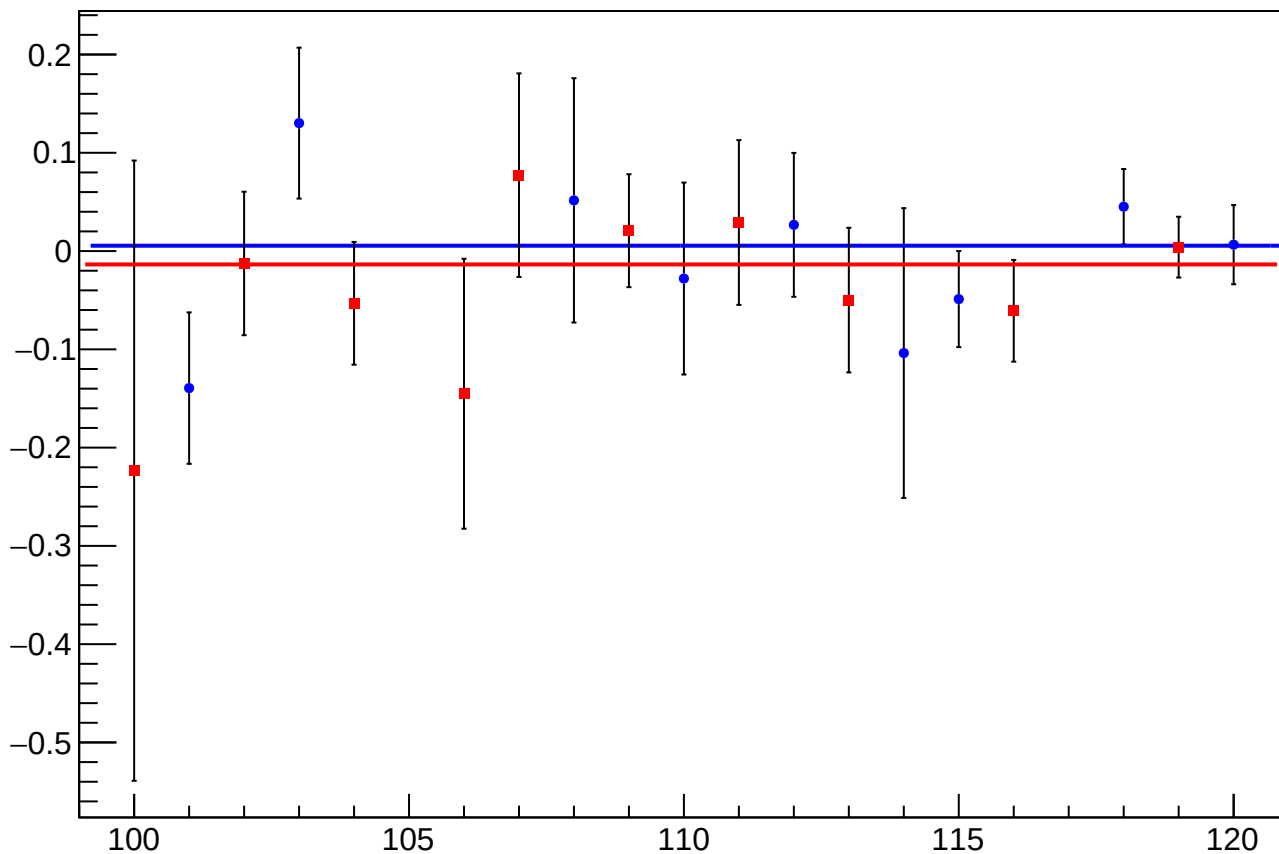
Right: 0.003+/-0.000 χ^2/NDF : 3529574.3/18

In: 0.002+/-0.000 χ^2/NDF :1749564.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3529574.3/18

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.020 χ^2 /NDF: 9.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.014 $\pm$ 0.019 χ^2 /NDF: 4.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

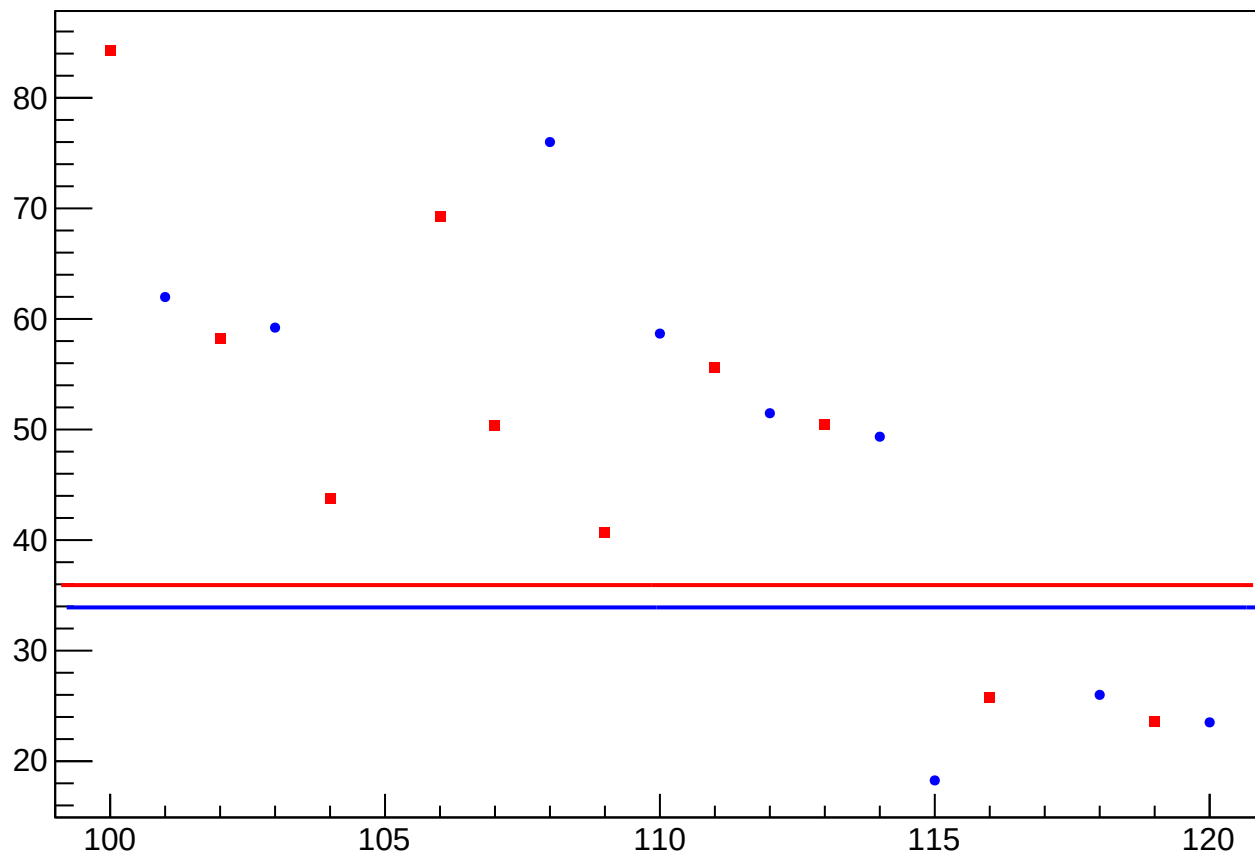
Right: -0.004 $\pm$ 0.014 χ^2 /NDF: 14.4/18

In: 0.005 $\pm$ 0.020 χ^2 /NDF:9.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.014 χ^2 /NDF: 14.4/18

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.910+/-0.014 χ^2/NDF : 1401017.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.930+/-0.014 χ^2/NDF : 1021018.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

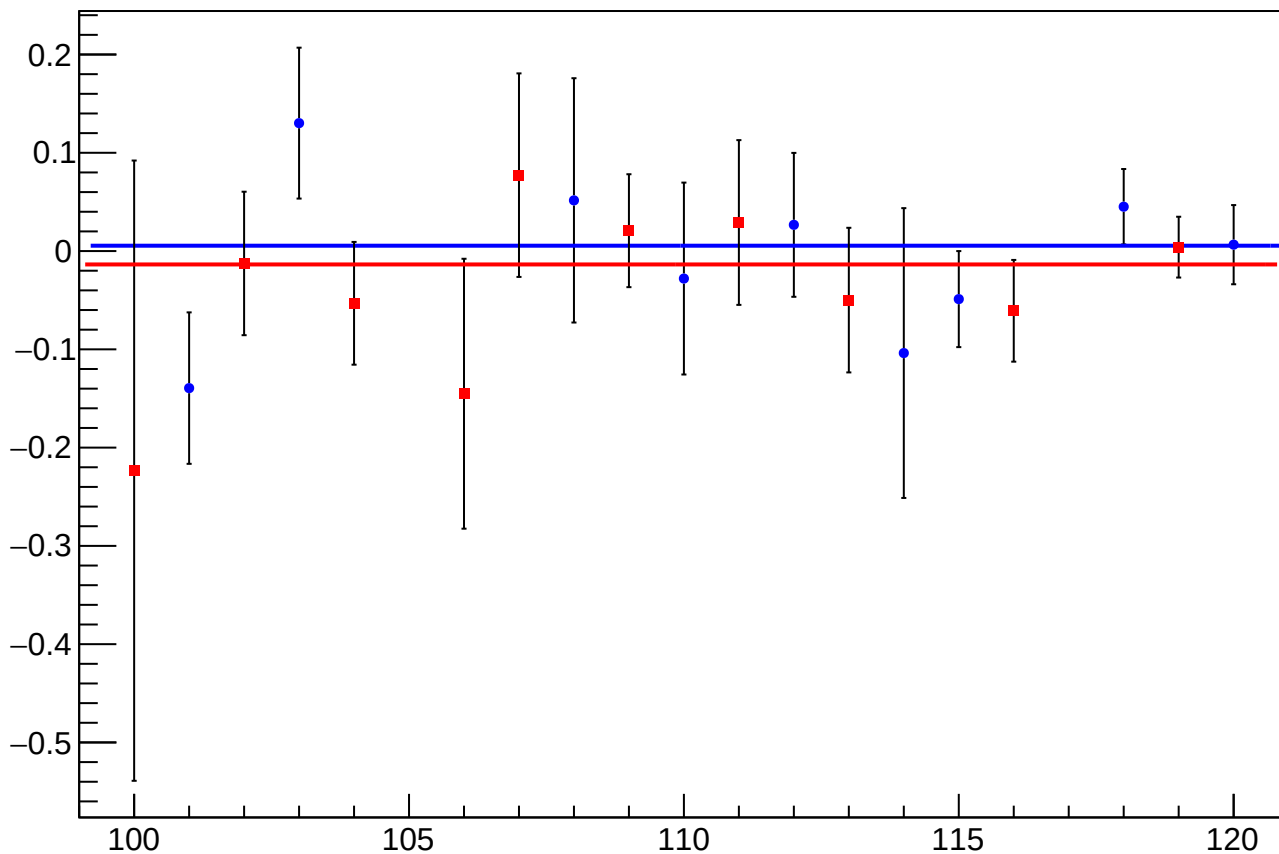
Right: 34.958+/-0.010 χ^2/NDF : 2432426.7/18

In: 33.910+/-0.014 χ^2/NDF : 1401017.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.958+/-0.010 χ^2/NDF : 2432426.7/18

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.020 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.019 χ^2/NDF : 4.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

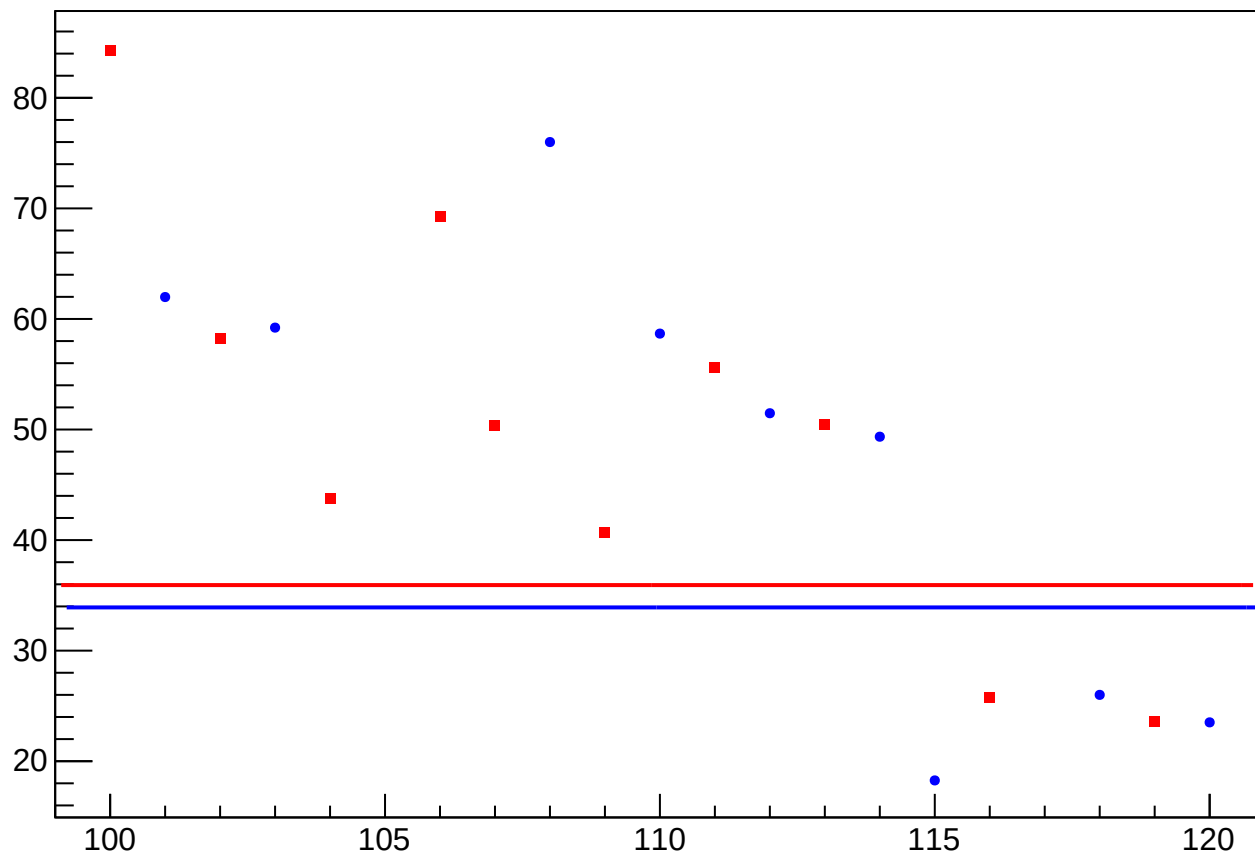
Right: -0.004+/-0.014 χ^2/NDF : 14.4/18

In: 0.005+/-0.020 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.004+/-0.014 χ^2/NDF : 14.4/18

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.910+/-0.014 χ^2/NDF : 1401017.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.930+/-0.014 χ^2/NDF : 1021018.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

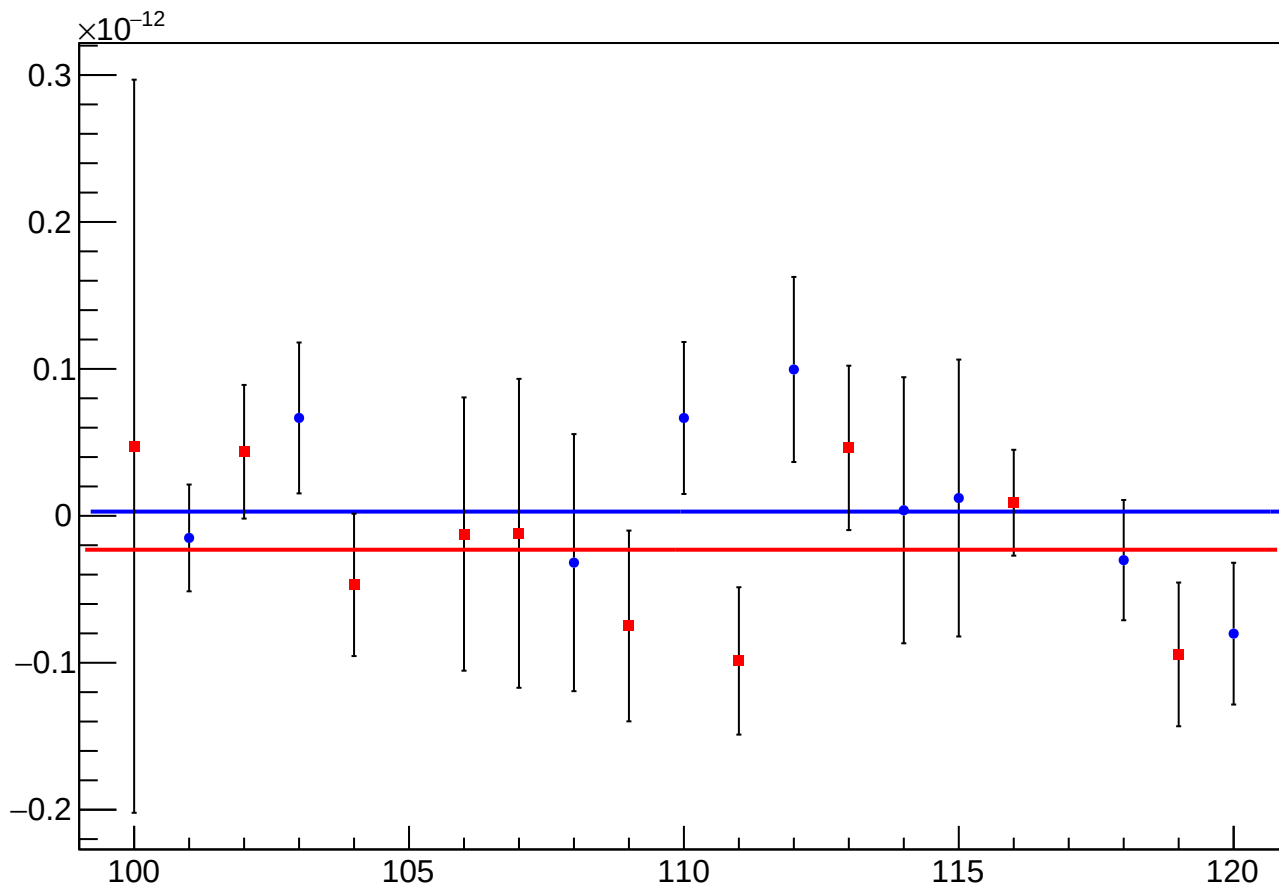
Right: 34.958+/-0.010 χ^2/NDF : 2432426.7/18

In: 33.910+/-0.014 χ^2/NDF : 1401017.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.958+/-0.010 χ^2/NDF : 2432426.7/18

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

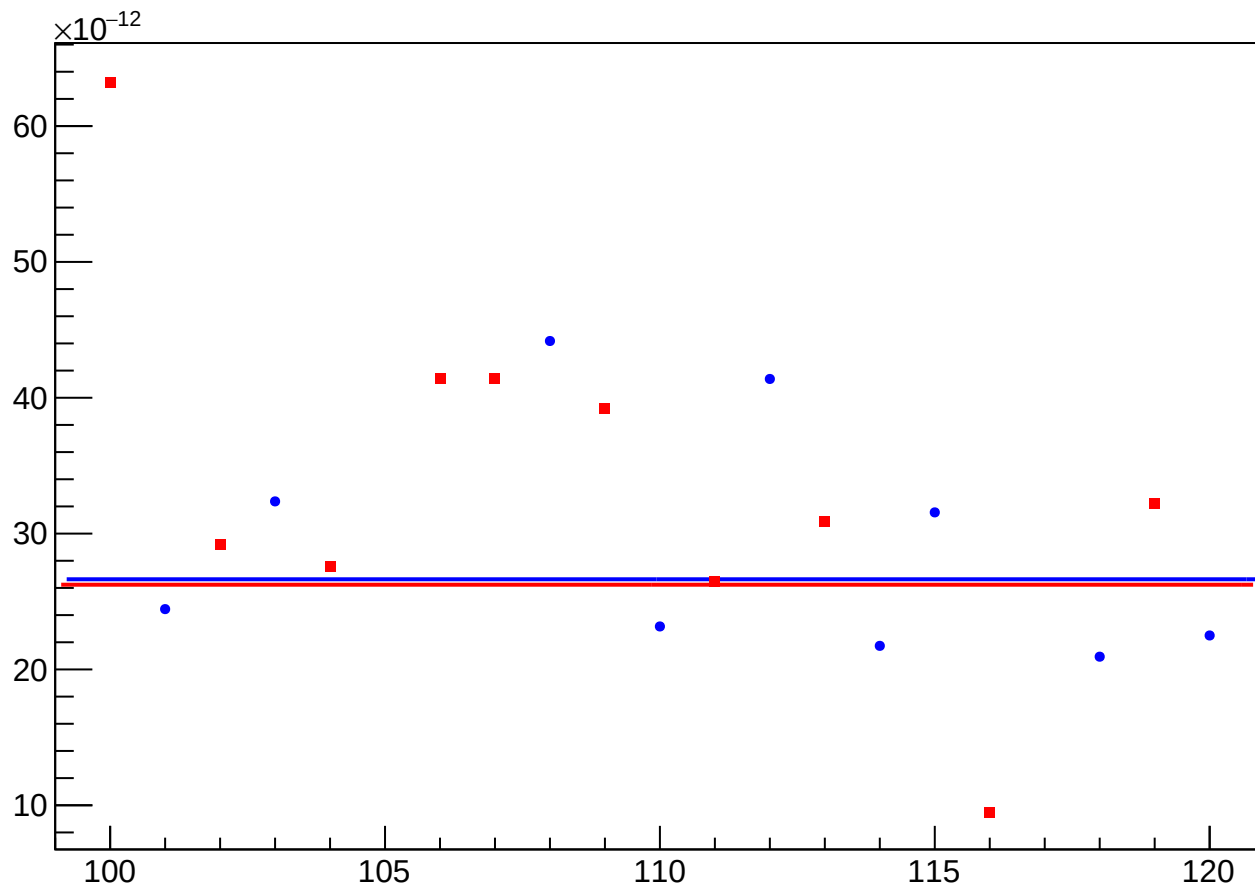
Right: -0.000+/-0.000 χ^2/NDF : 20.4/18

In: 0.000+/-0.000 χ^2/NDF : 9.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.4/18

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 296118.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 706504.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

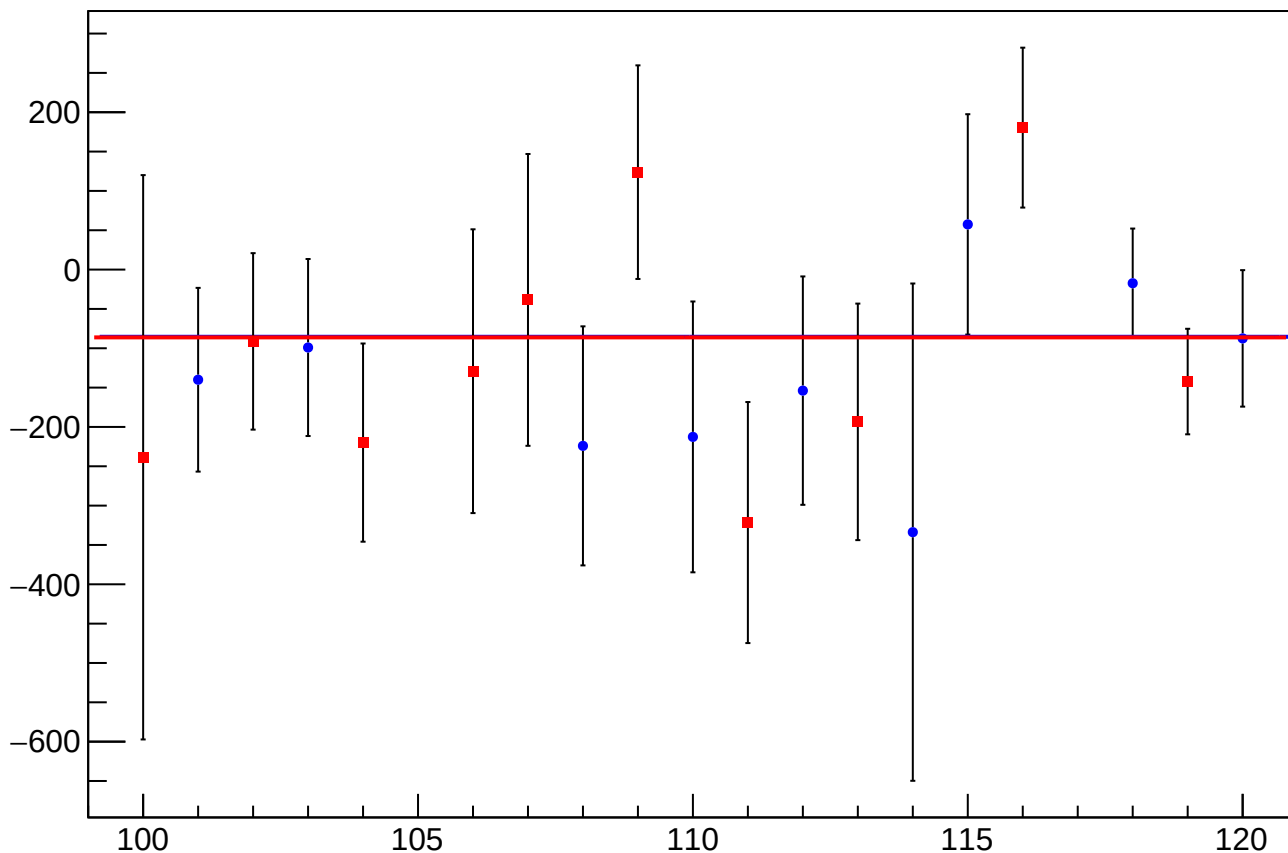
Right: 0.000+/-0.000 χ^2/NDF : 1003137.6/18

In: 0.000+/-0.000 χ^2/NDF : 296118.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1003137.6/18

reg_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -85.408 $\pm$ 38.404 χ^2 /NDF: 4.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -86.178 $\pm$ 38.622 χ^2 /NDF: 14.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

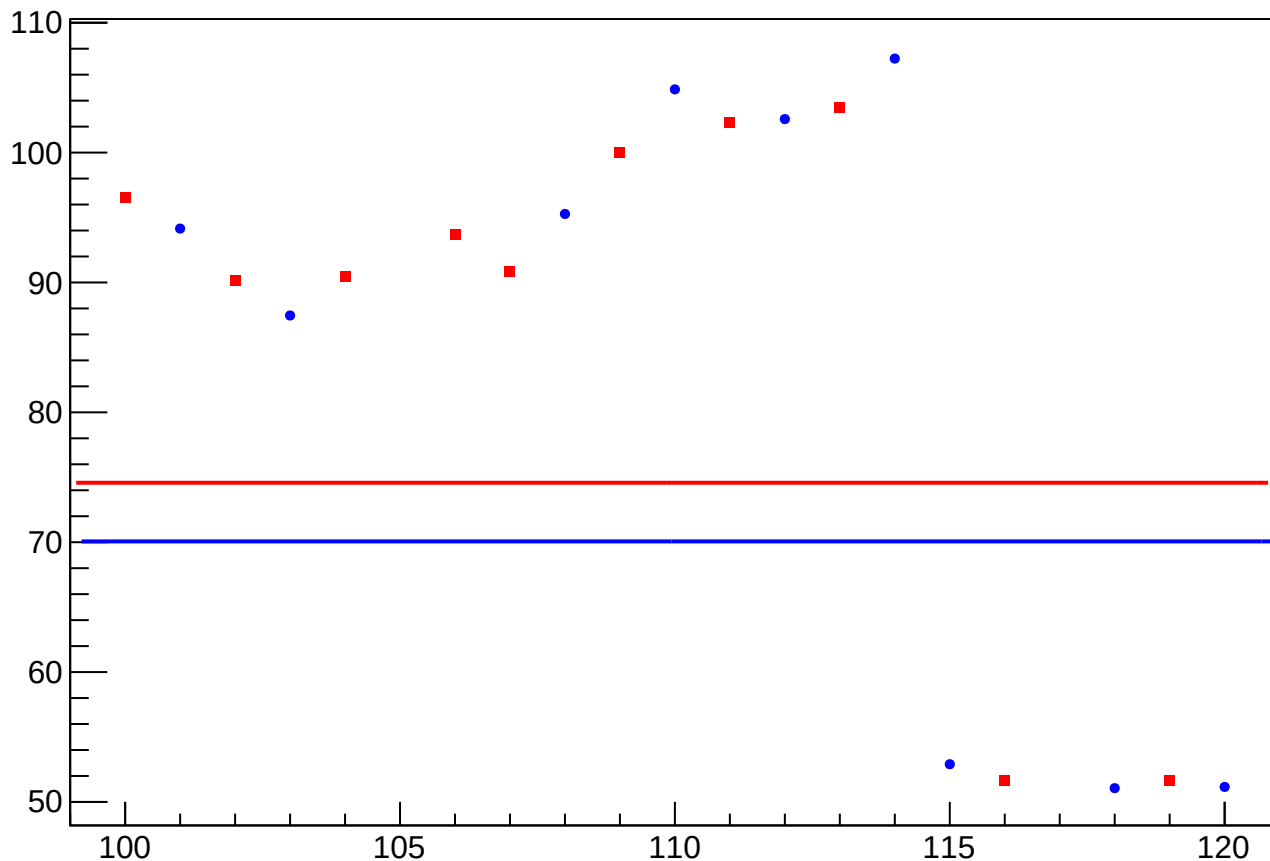
Right: -85.790 $\pm$ 27.232 χ^2 /NDF: 18.7/18

In: -85.408 $\pm$ 38.404 χ^2 /NDF:4.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -85.790 $\pm$ 27.232 χ^2 /NDF: 18.7/18

reg_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 70.061+/-0.027 χ^2/NDF : 672497.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.578+/-0.027 χ^2/NDF : 660589.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

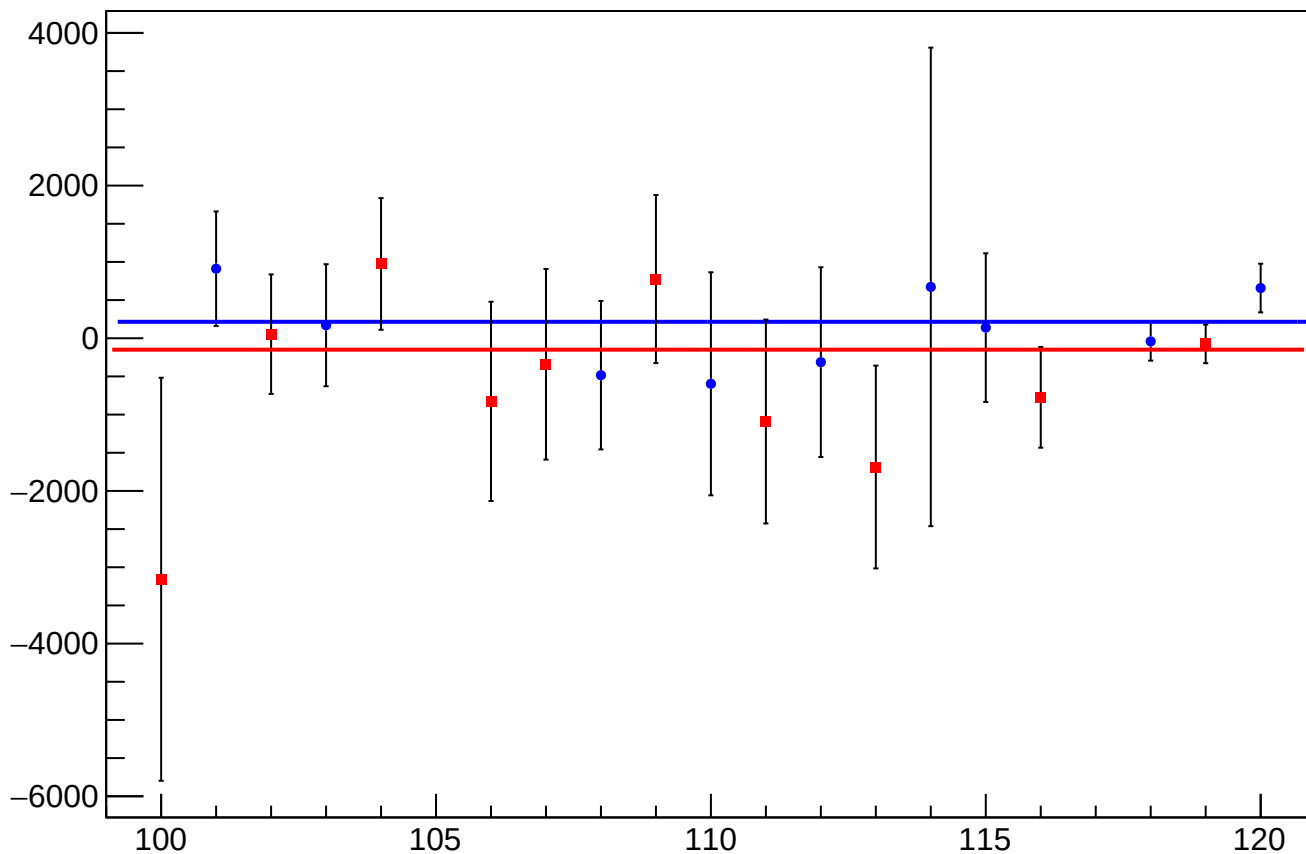
Right: 72.307+/-0.019 χ^2/NDF : 1346844.3/18

In: 70.061+/-0.027 χ^2/NDF : 672497.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.307+/-0.019 χ^2/NDF : 1346844.3/18

asym_sam_37_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 215.611 $\pm$ 176.182 χ^2 /NDF: 4.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -149.491 $\pm$ 202.996 χ^2 /NDF: 6.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

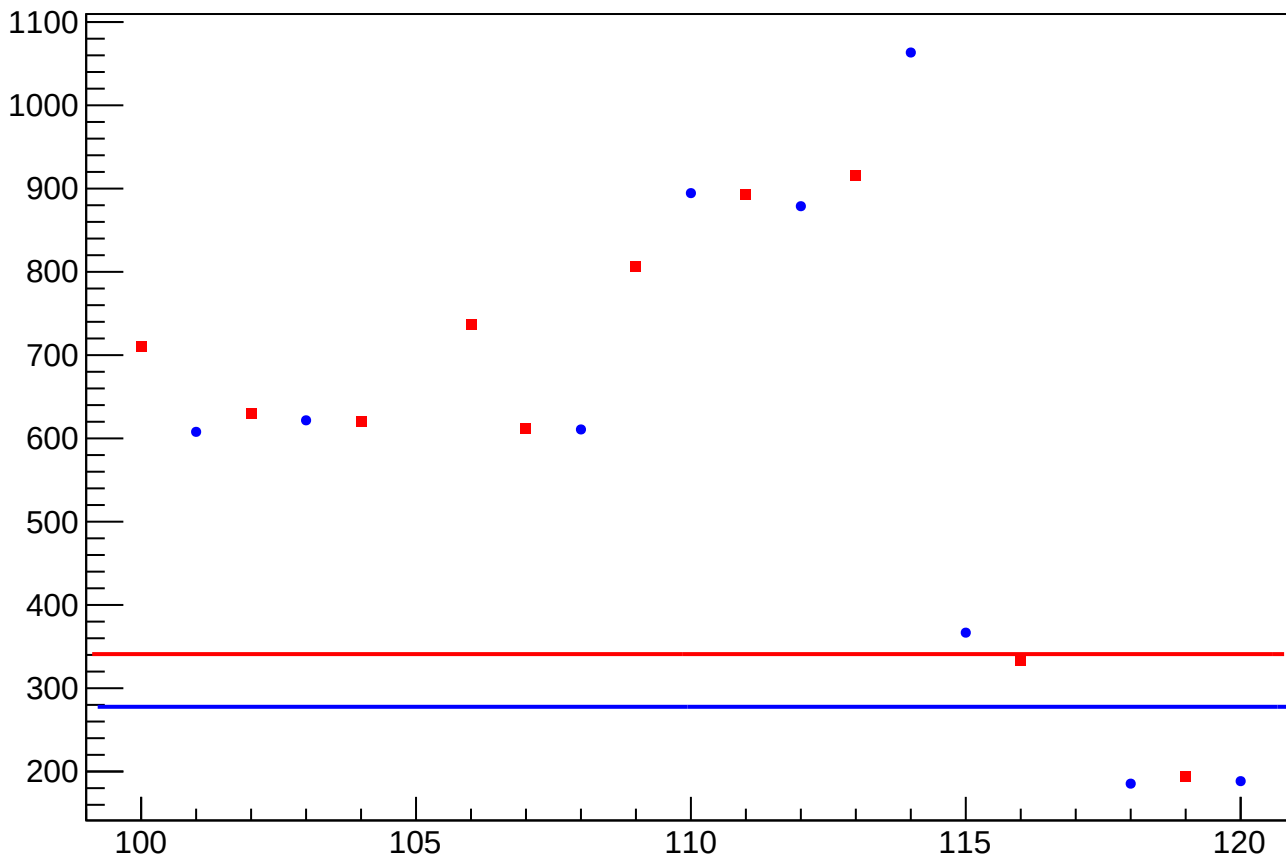
Right: 58.749 $\pm$ 133.057 χ^2 /NDF: 13.6/18

In: 215.611 $\pm$ 176.182 χ^2 /NDF:4.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 58.749 $\pm$ 133.057 χ^2 /NDF: 13.6/18

asym_sam_37_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 277.708+/-0.125 χ^2/NDF : 2383018.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 340.981+/-0.144 χ^2/NDF : 2553102.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

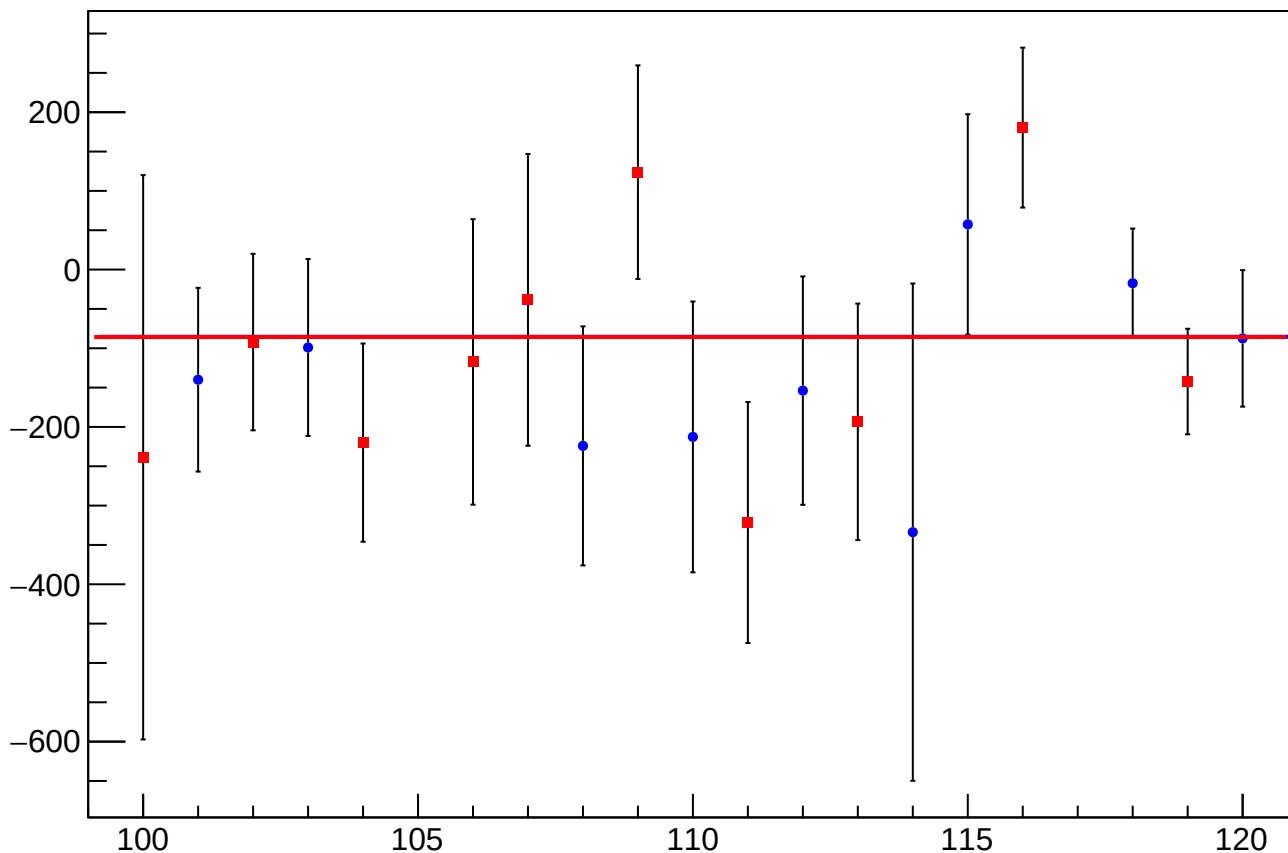
Right: 304.893+/-0.094 χ^2/NDF : 5046948.1/18

In: 277.708+/-0.125 χ^2/NDF : 2383018.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 304.893+/-0.094 χ^2/NDF : 5046948.1/18

cor_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -85.417+/-38.404 χ^2/NDF : 4.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -85.735+/-38.633 χ^2/NDF : 14.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

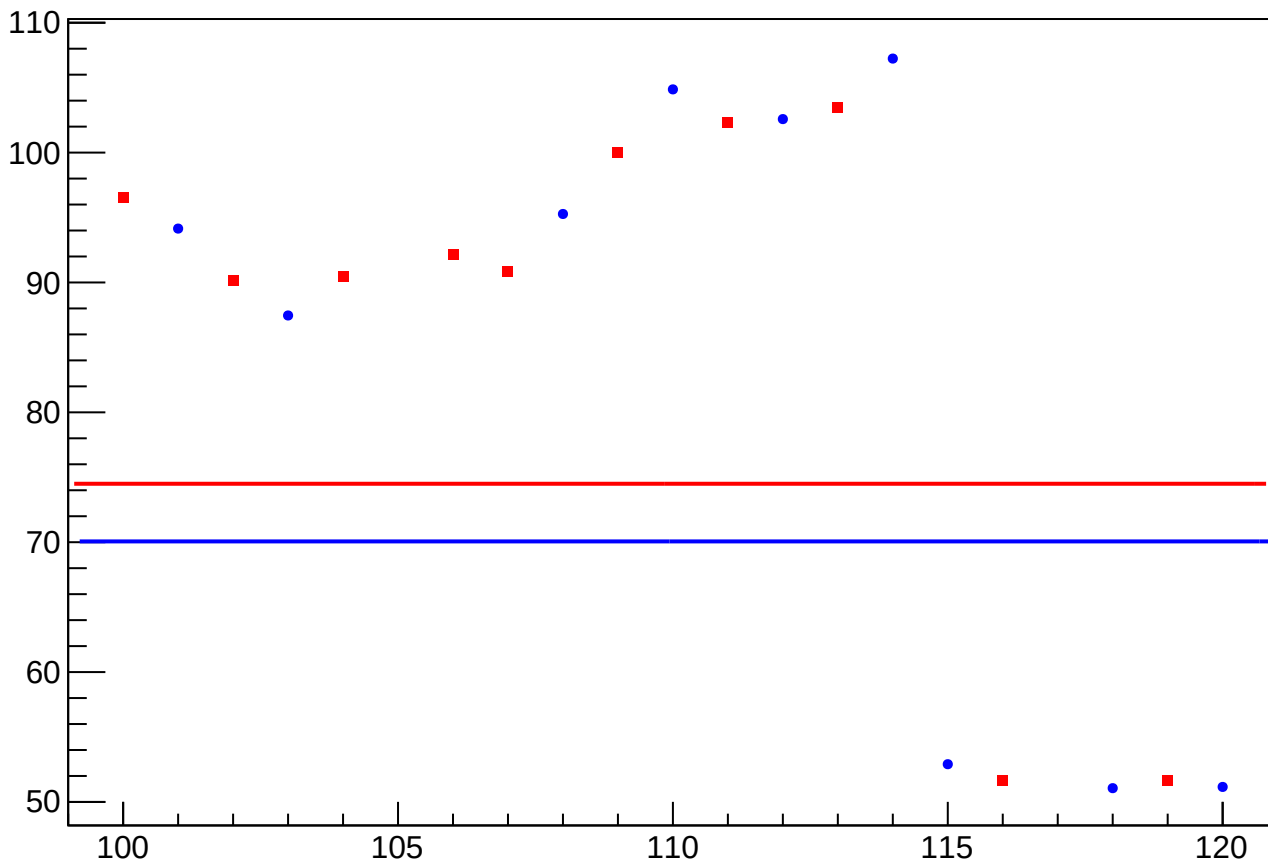
Right: -85.575+/-27.236 χ^2/NDF : 18.7/18

In: -85.417+/-38.404 χ^2/NDF : 4.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -85.575+/-27.236 χ^2/NDF : 18.7/18

cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 70.061+/-0.027 χ^2/NDF : 672498.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.500+/-0.027 χ^2/NDF : 656990.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

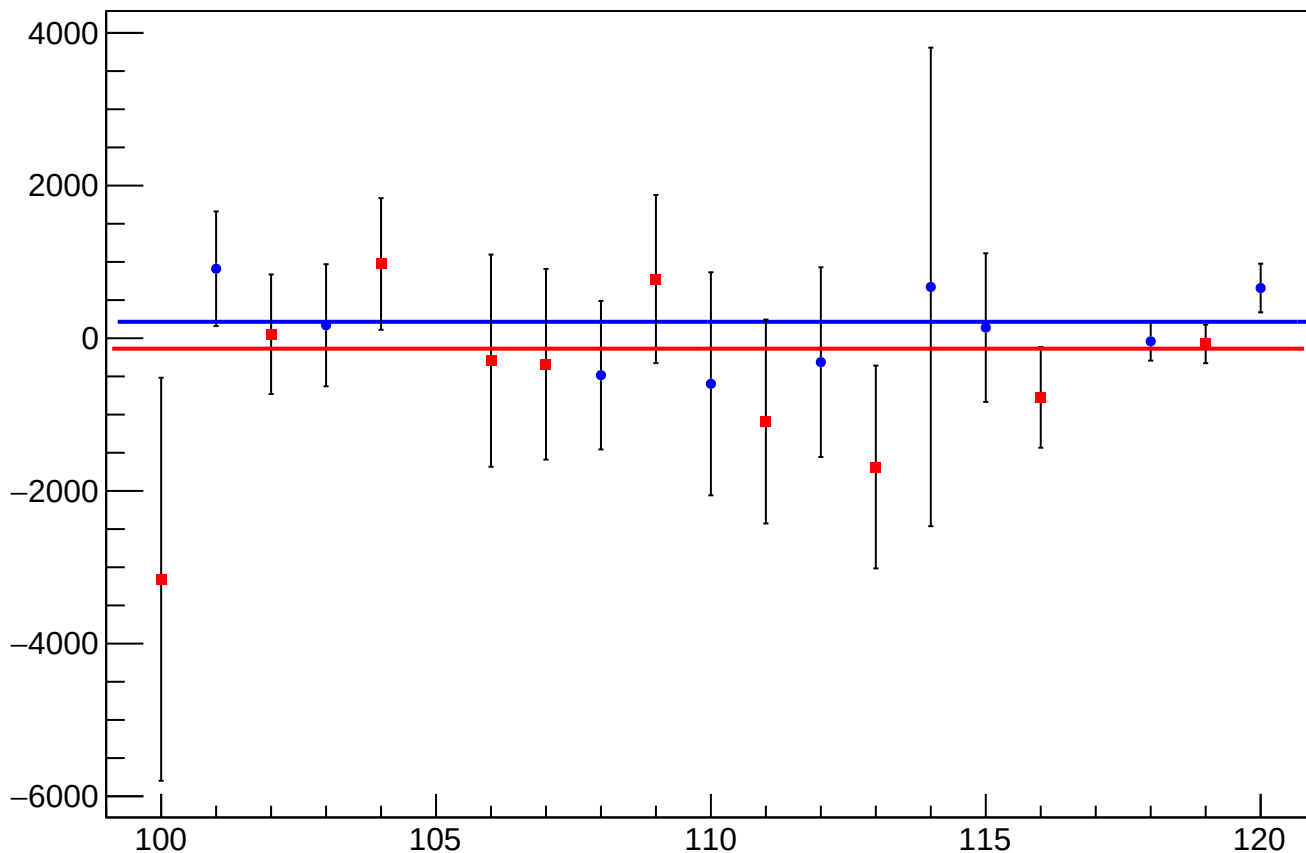
Right: 72.268+/-0.019 χ^2/NDF : 1342768.4/18

In: 70.061+/-0.027 χ^2/NDF : 672498.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.268+/-0.019 χ^2/NDF : 1342768.4/18

asym_sam_37_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 215.604 $\pm$ 176.182 χ^2 /NDF: 4.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -136.221 $\pm$ 203.294 χ^2 /NDF: 6.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

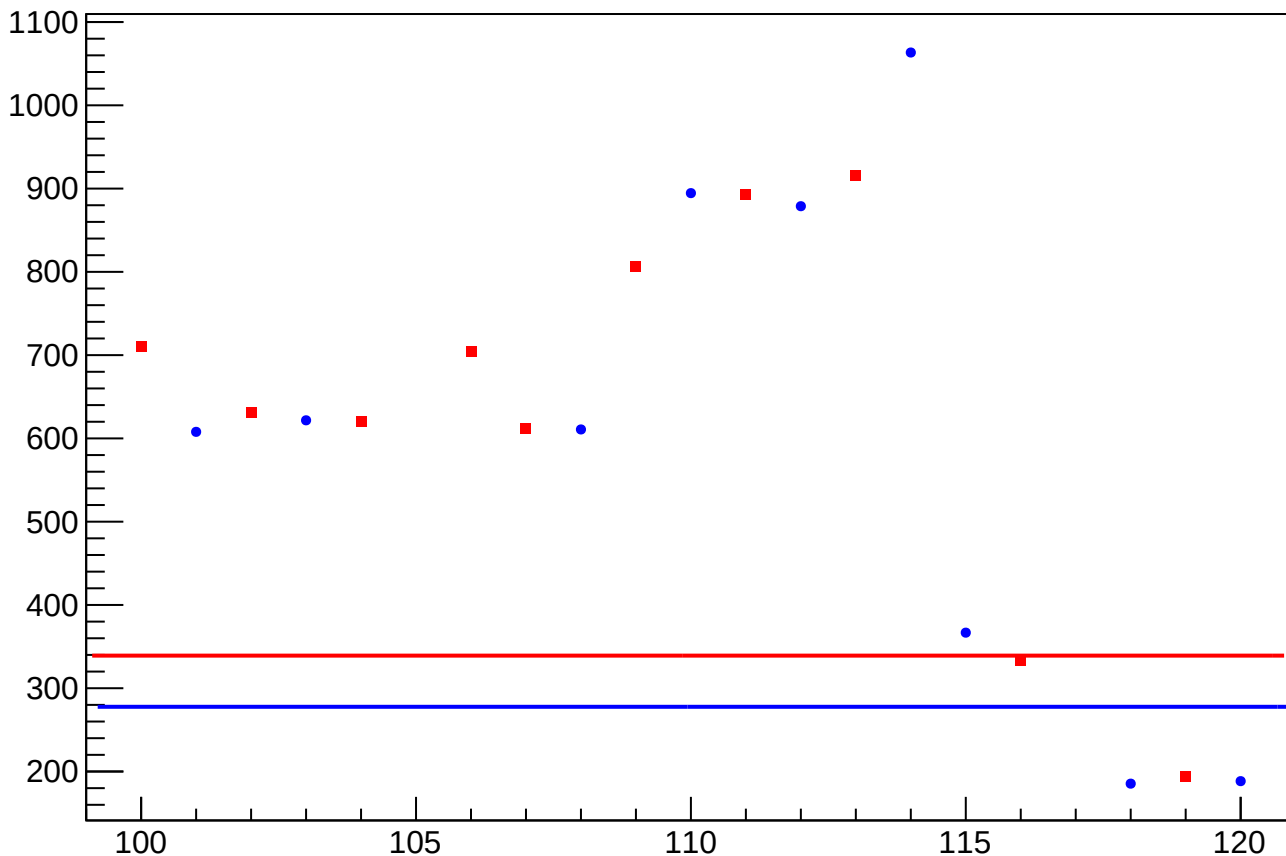
Right: 64.700 $\pm$ 133.141 χ^2 /NDF: 13.2/18

In: 215.604 $\pm$ 176.182 χ^2 /NDF:4.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 64.700 $\pm$ 133.141 χ^2 /NDF: 13.2/18

asym_sam_37_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 277.707+/-0.125 χ^2/NDF : 2383036.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 339.156+/-0.144 χ^2/NDF : 2506204.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

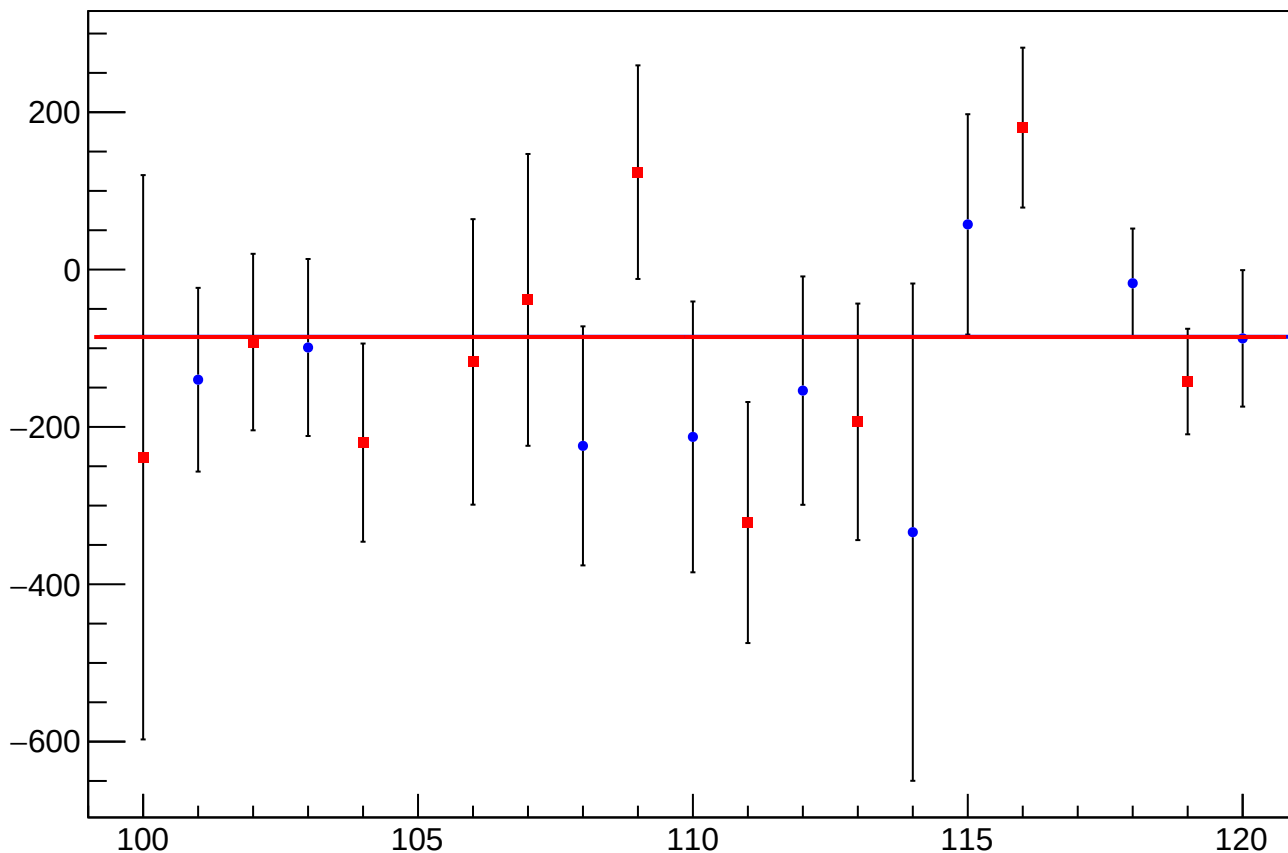
Right: 304.064+/-0.094 χ^2/NDF : 4993594.6/18

In: 277.707+/-0.125 χ^2/NDF : 2383036.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 304.064+/-0.094 χ^2/NDF : 4993594.6/18

eigen_cor_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -85.417+/-38.404 χ^2/NDF : 4.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -85.735+/-38.633 χ^2/NDF : 14.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

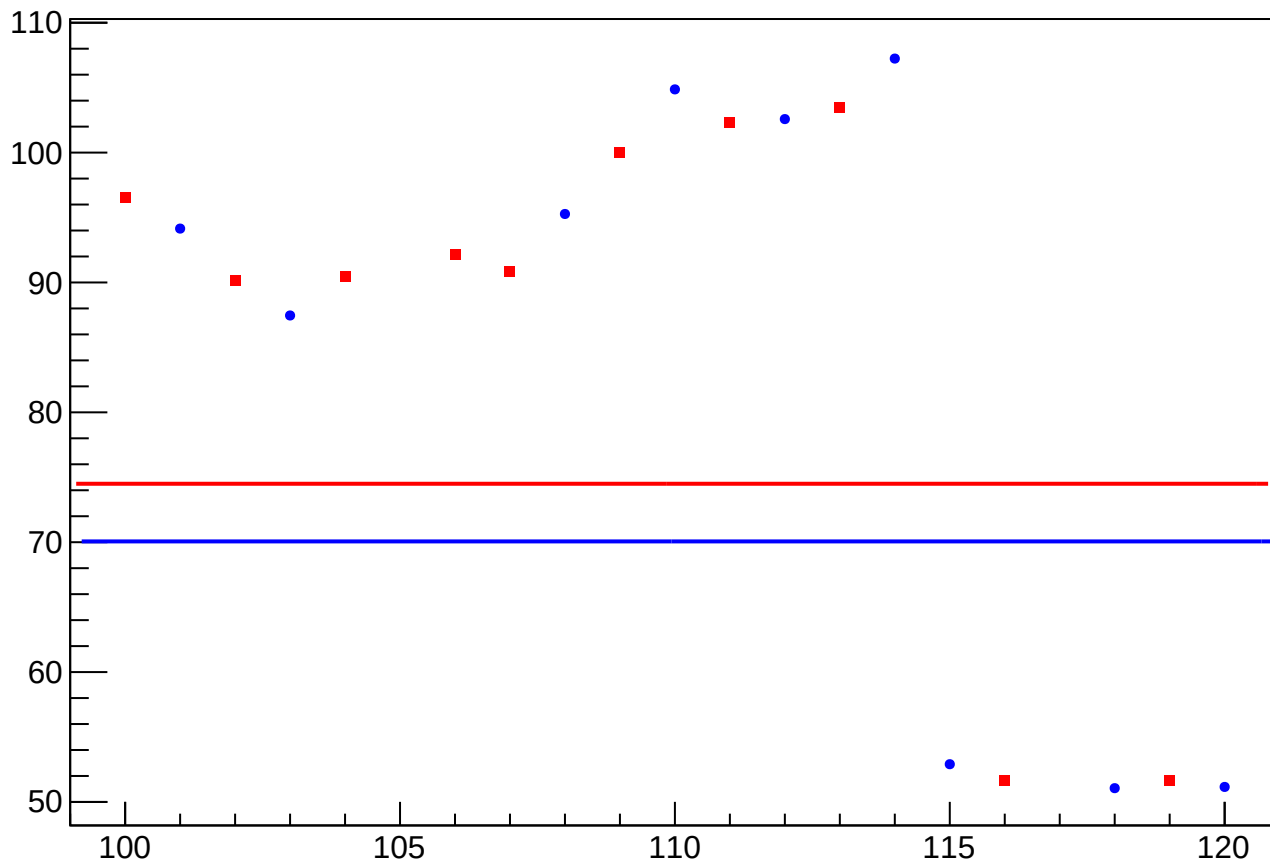
Right: -85.575+/-27.236 χ^2/NDF : 18.7/18

In: -85.417+/-38.404 χ^2/NDF :4.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -85.575+/-27.236 χ^2/NDF : 18.7/18

eigen_cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 70.061+/-0.027 χ^2/NDF : 672498.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.500+/-0.027 χ^2/NDF : 656990.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

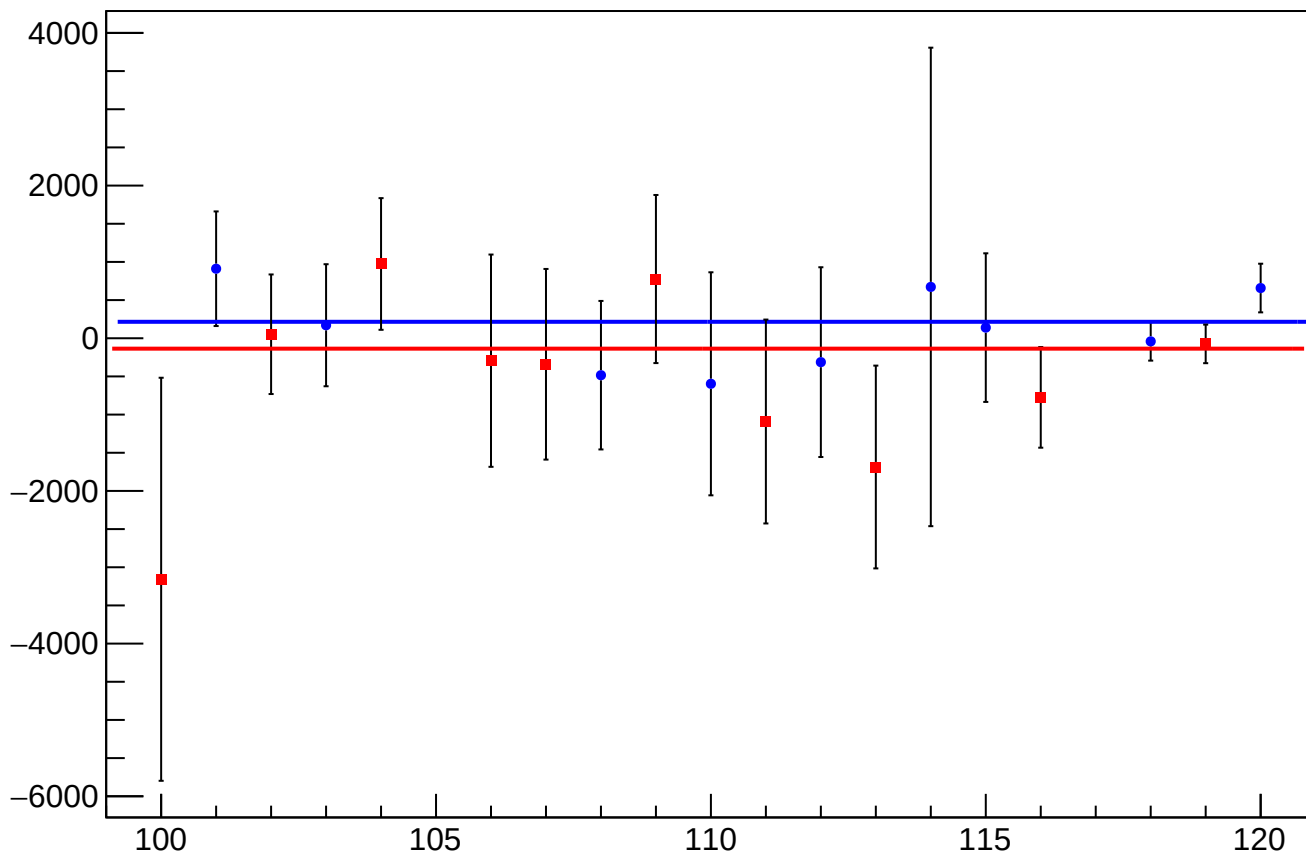
Right: 72.268+/-0.019 χ^2/NDF : 1342768.4/18

In: 70.061+/-0.027 χ^2/NDF : 672498.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.268+/-0.019 χ^2/NDF : 1342768.4/18

asym_sam_37_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 215.604 $\pm$ 176.182 χ^2 /NDF: 4.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -136.221 $\pm$ 203.294 χ^2 /NDF: 6.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

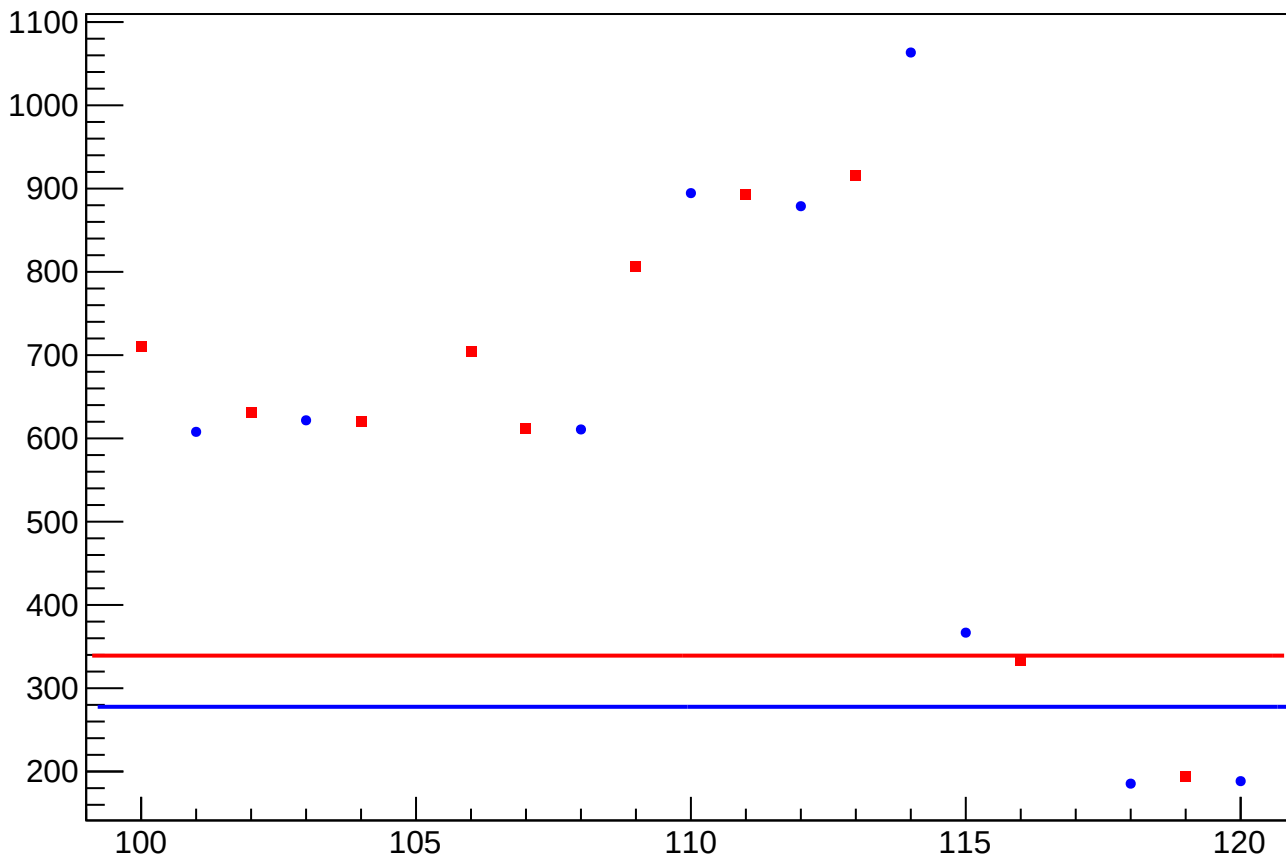
Right: 64.700 $\pm$ 133.141 χ^2 /NDF: 13.2/18

In: 215.604 $\pm$ 176.182 χ^2 /NDF:4.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 64.700 $\pm$ 133.141 χ^2 /NDF: 13.2/18

asym_sam_37_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 277.707+/-0.125 χ^2/NDF : 2383036.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 339.156+/-0.144 χ^2/NDF : 2506204.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

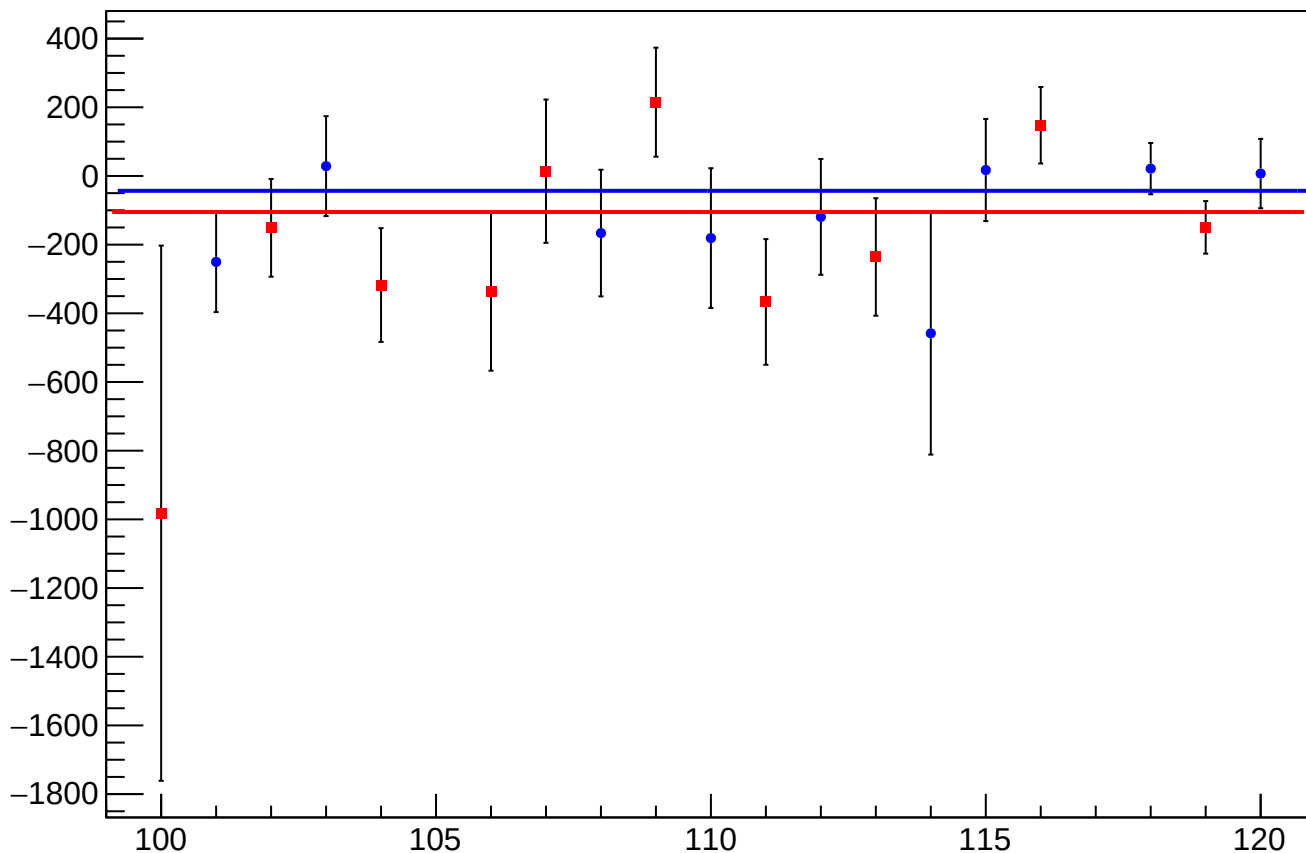
Right: 304.064+/-0.094 χ^2/NDF : 4993594.6/18

In: 277.707+/-0.125 χ^2/NDF : 2383036.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 304.064+/-0.094 χ^2/NDF : 4993594.6/18

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -43.259 ± 44.157 χ^2/NDF : 5.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -104.905 ± 45.442 χ^2/NDF : 16.5/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

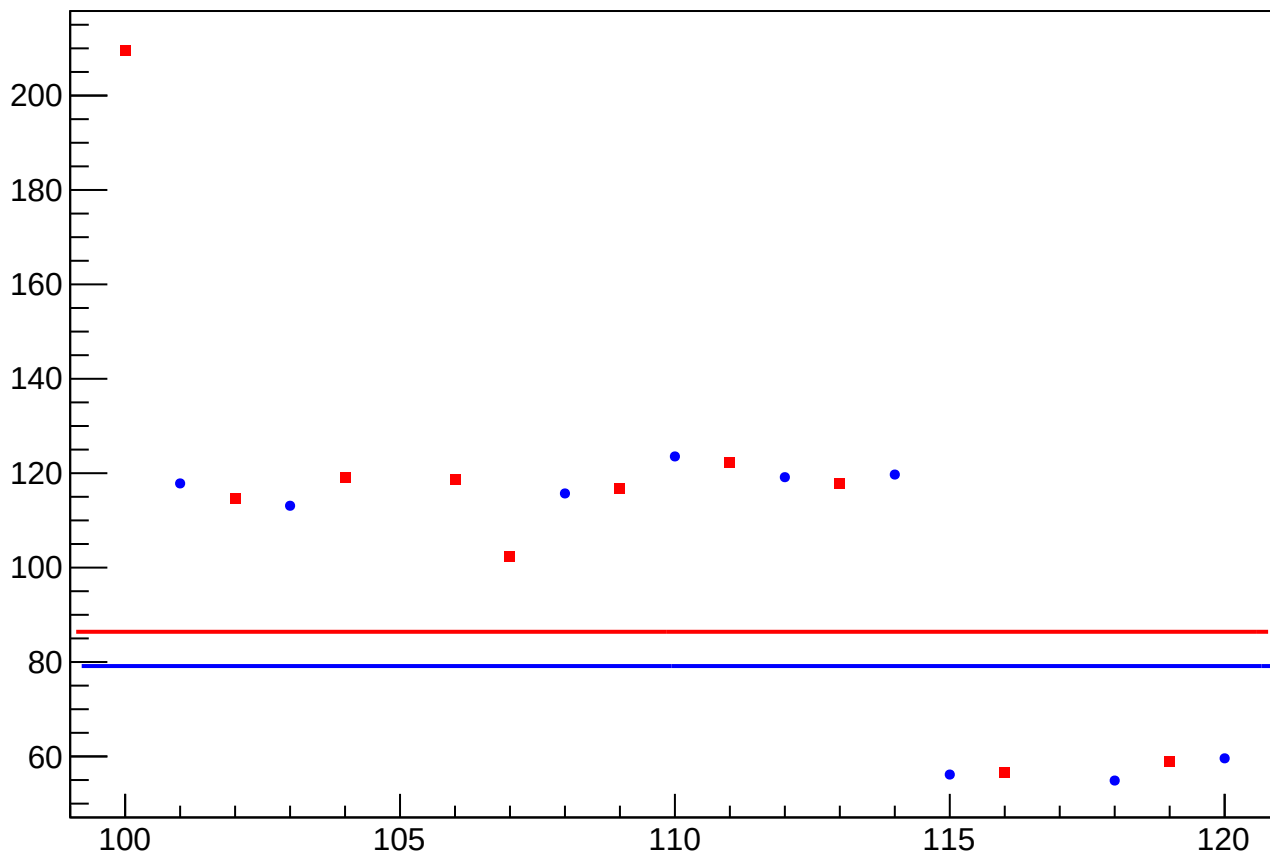
Right: -73.198 ± 31.668 χ^2/NDF : 23.4/18

In: -43.259 ± 44.157 χ^2/NDF : 5.9/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -73.198 ± 31.668 χ^2/NDF : 23.4/18

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 79.146 $\pm$ 0.031 χ^2 /NDF: 895049.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 86.405 $\pm$ 0.032 χ^2 /NDF: 873615.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

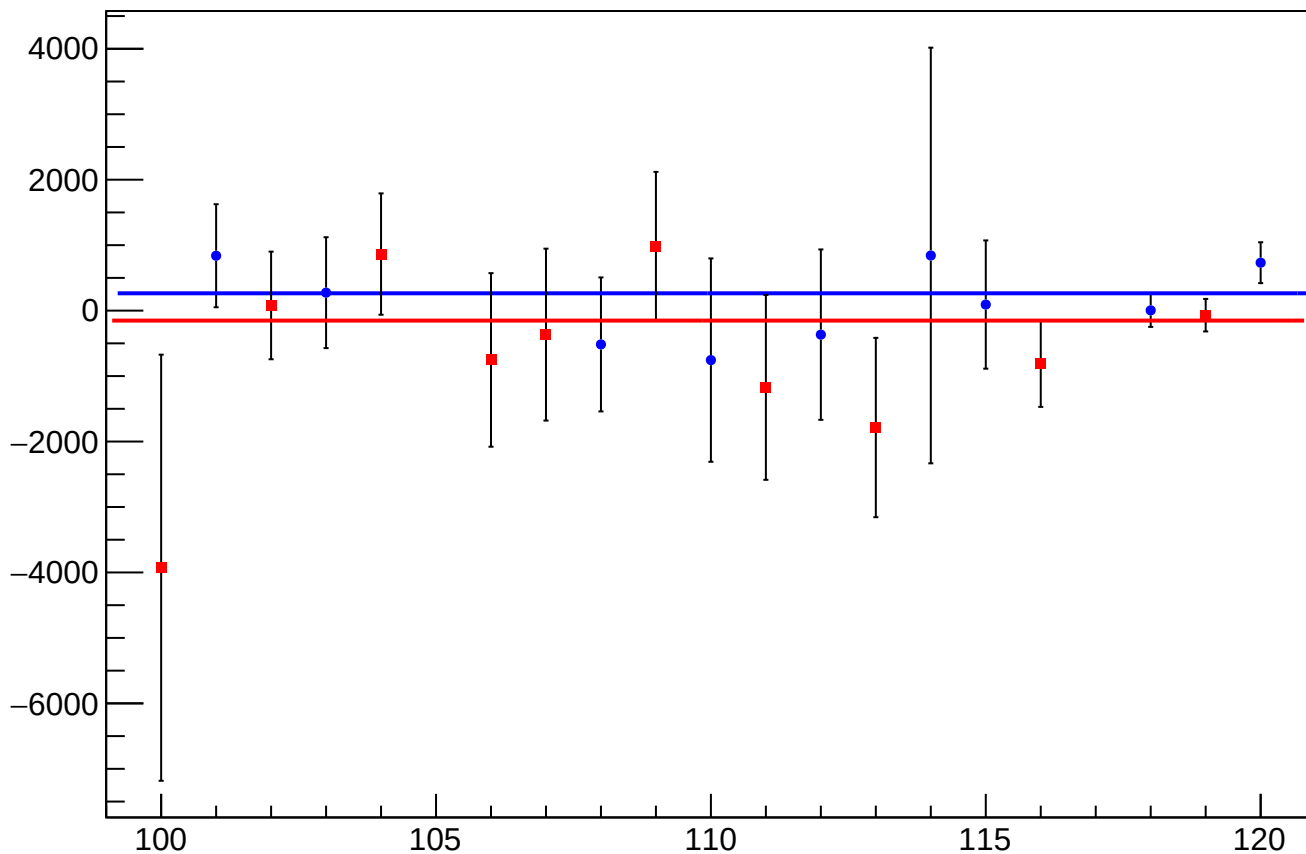
Right: 82.671 $\pm$ 0.022 χ^2 /NDF: 1794913.2/18

In: 79.146 $\pm$ 0.031 χ^2 /NDF:895049.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 82.671 $\pm$ 0.022 χ^2 /NDF: 1794913.2/18

asym_sam_37_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 264.667+/-176.776 χ^2/NDF : 5.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -152.087+/-203.242 χ^2/NDF : 6.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

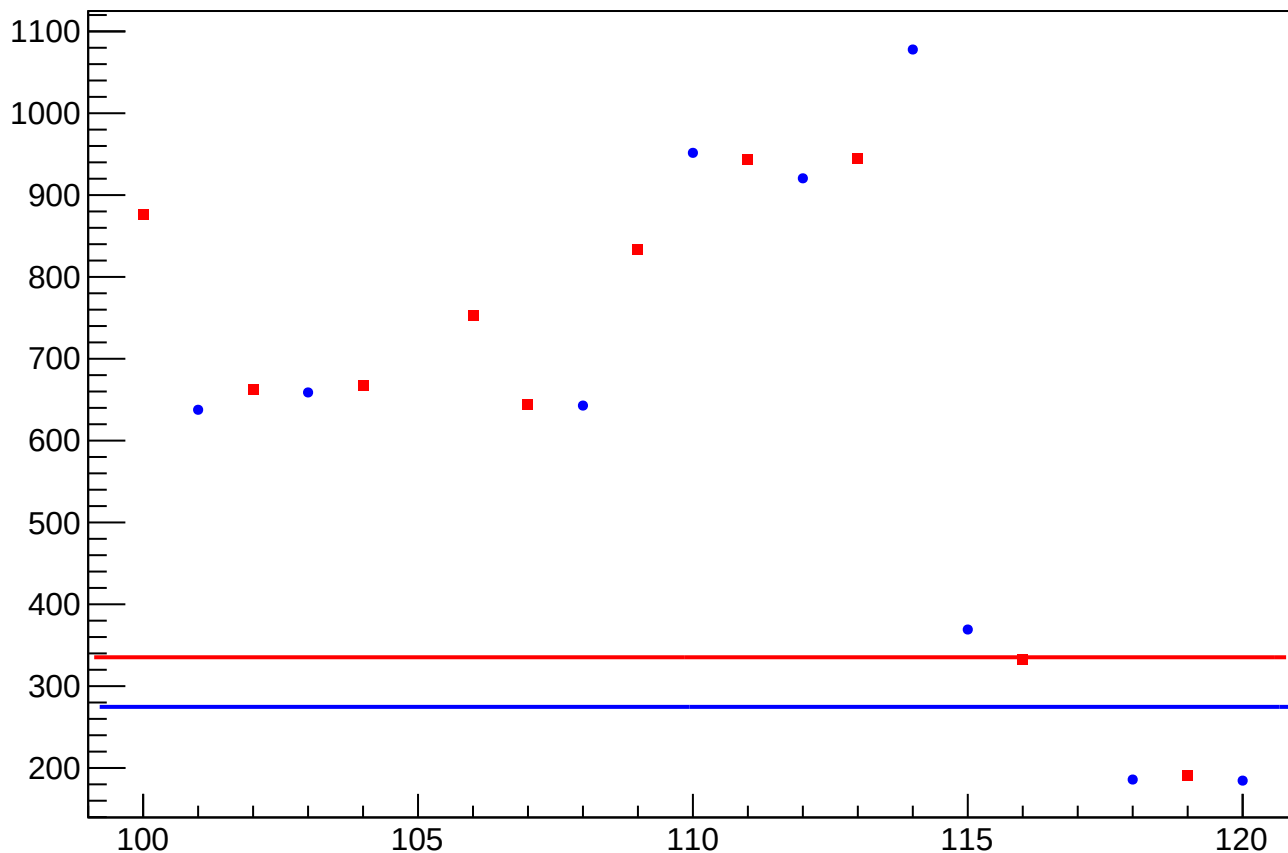
Right: 85.174+/-133.382 χ^2/NDF : 14.5/18

In: 264.667+/-176.776 χ^2/NDF : 5.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.174+/-133.382 χ^2/NDF : 14.5/18

asym_sam_37_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 274.673+/-0.125 χ^2/NDF : 2527376.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 335.280+/-0.144 χ^2/NDF : 2764378.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

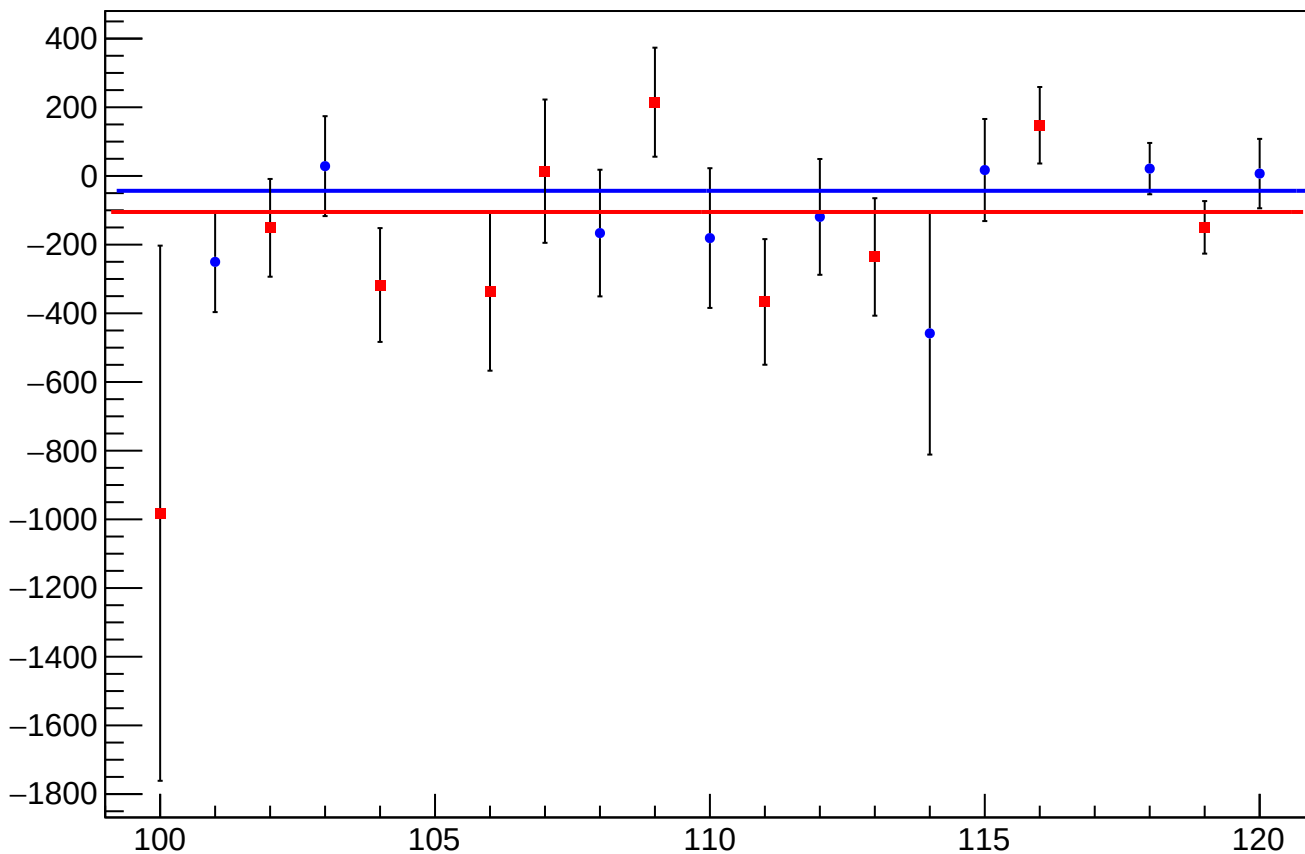
Right: 300.776+/-0.094 χ^2/NDF : 5393005.1/18

In: 274.673+/-0.125 χ^2/NDF : 2527376.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 300.776+/-0.094 χ^2/NDF : 5393005.1/18

eigen_dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -43.260+/-44.156 χ^2/NDF : 5.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -104.907+/-45.442 χ^2/NDF : 16.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

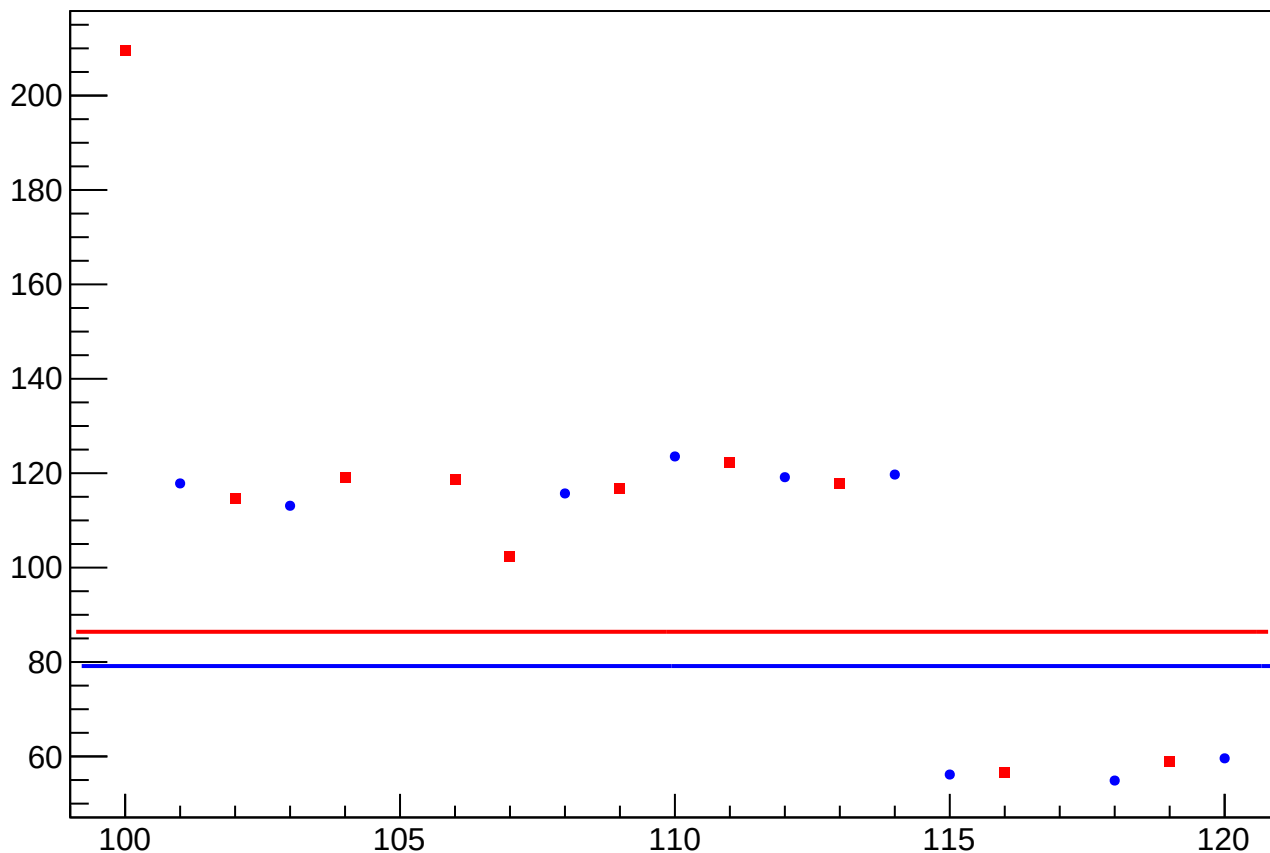
Right: -73.199+/-31.668 χ^2/NDF : 23.4/18

In: -43.260+/-44.156 χ^2/NDF : 5.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -73.199+/-31.668 χ^2/NDF : 23.4/18

eigen_dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 79.145+/-0.031 χ^2/NDF : 895058.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.404+/-0.032 χ^2/NDF : 873618.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

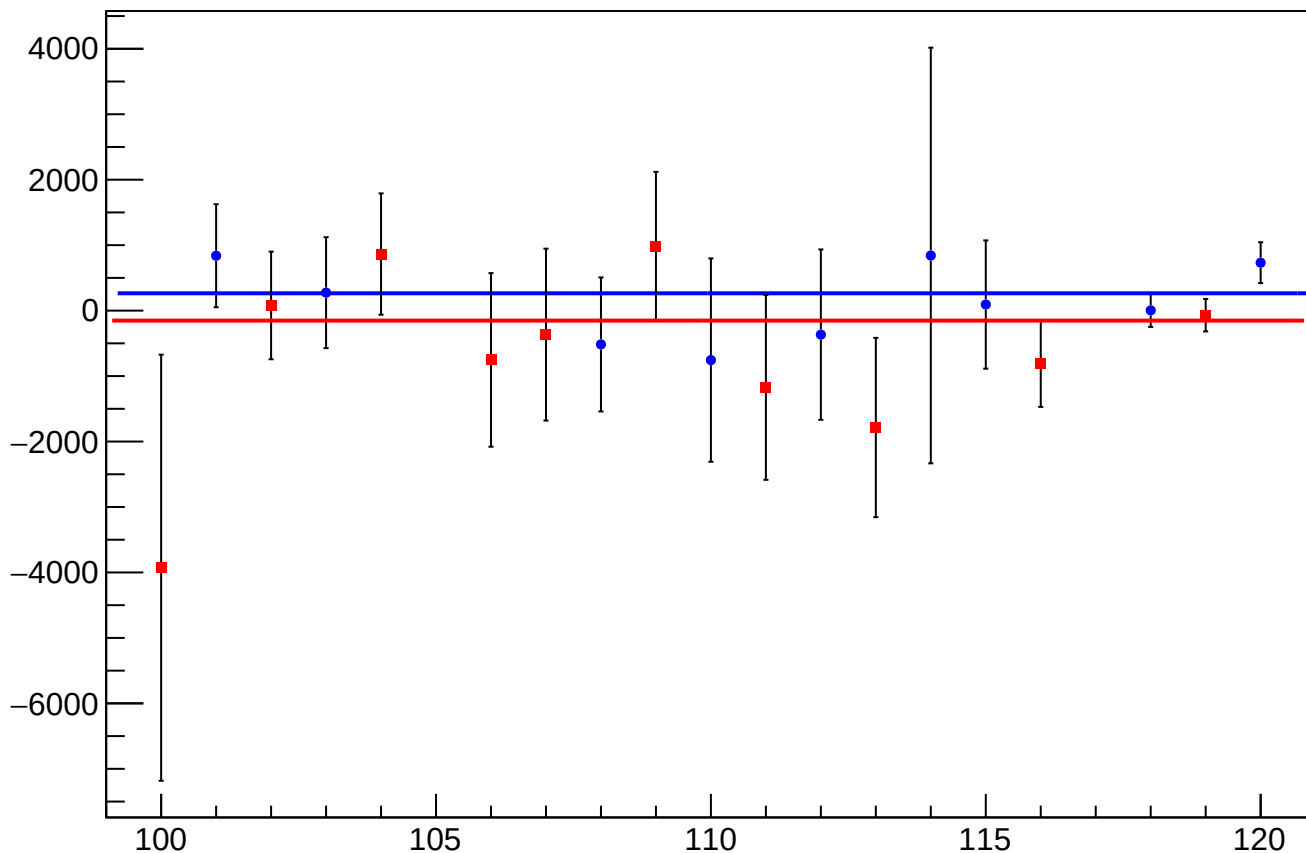
Right: 82.670+/-0.022 χ^2/NDF : 1794927.2/18

In: 79.145+/-0.031 χ^2/NDF : 895058.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.670+/-0.022 χ^2/NDF : 1794927.2/18

asym_sam_37_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 264.663+/-176.776 χ^2/NDF : 5.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -152.085+/-203.241 χ^2/NDF : 6.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

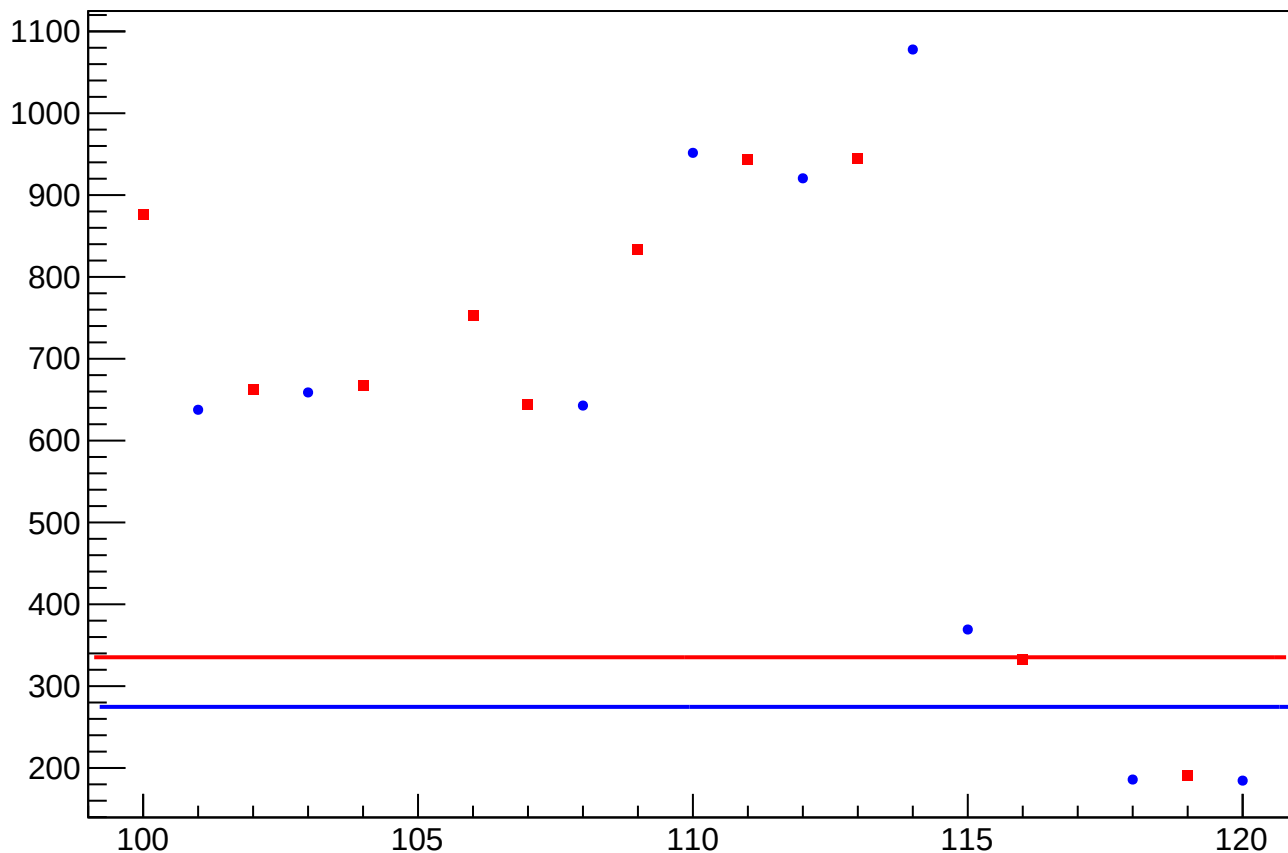
Right: 85.172+/-133.382 χ^2/NDF : 14.5/18

In: 264.663+/-176.776 χ^2/NDF : 5.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.172+/-133.382 χ^2/NDF : 14.5/18

asym_sam_37_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 274.673+/-0.125 χ^2/NDF : 2527374.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 335.279+/-0.144 χ^2/NDF : 2764375.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

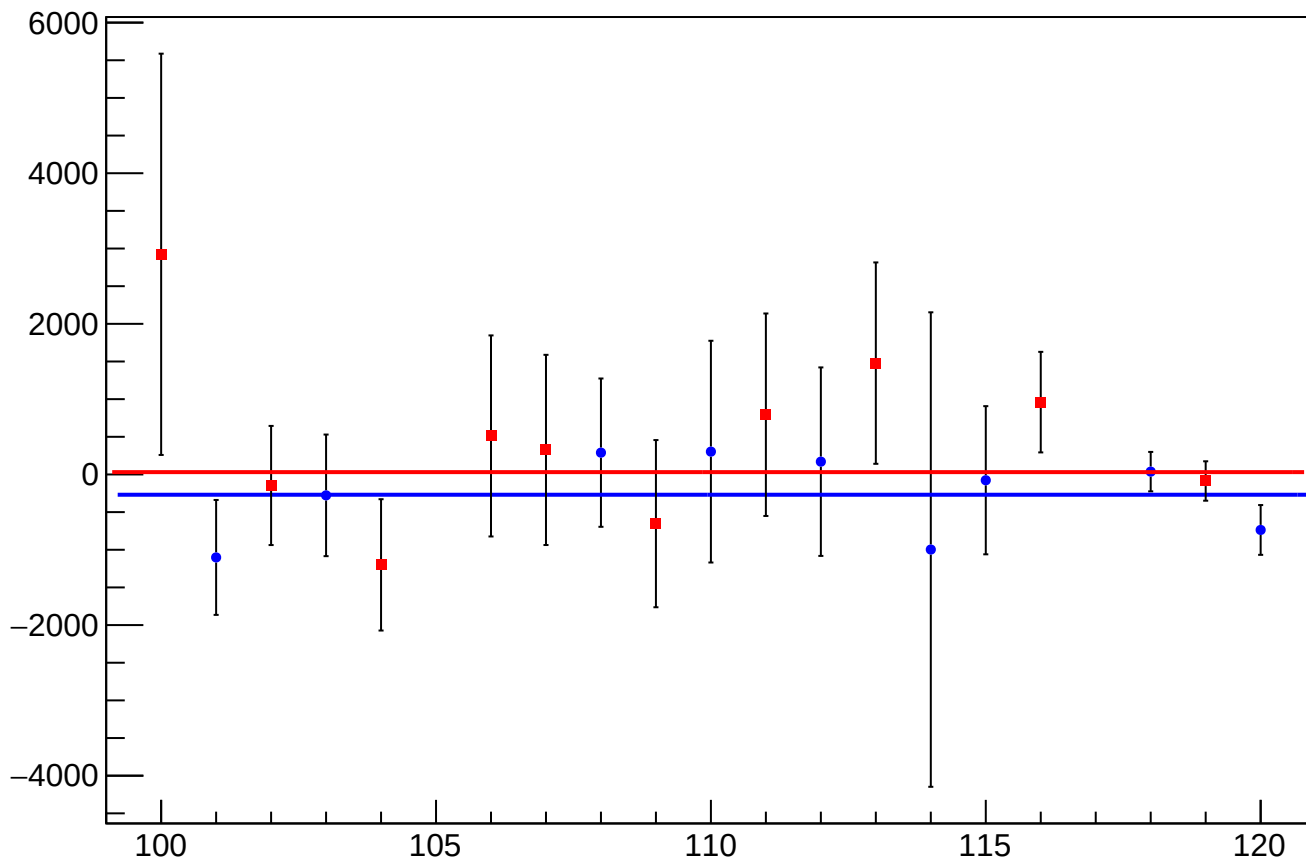
Right: 300.776+/-0.094 χ^2/NDF : 5393000.1/18

In: 274.673+/-0.125 χ^2/NDF : 2527374.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 300.776+/-0.094 χ^2/NDF : 5393000.1/18

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -269.308+/-181.830 χ^2/NDF : 5.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.008+/-208.459 χ^2/NDF : 7.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

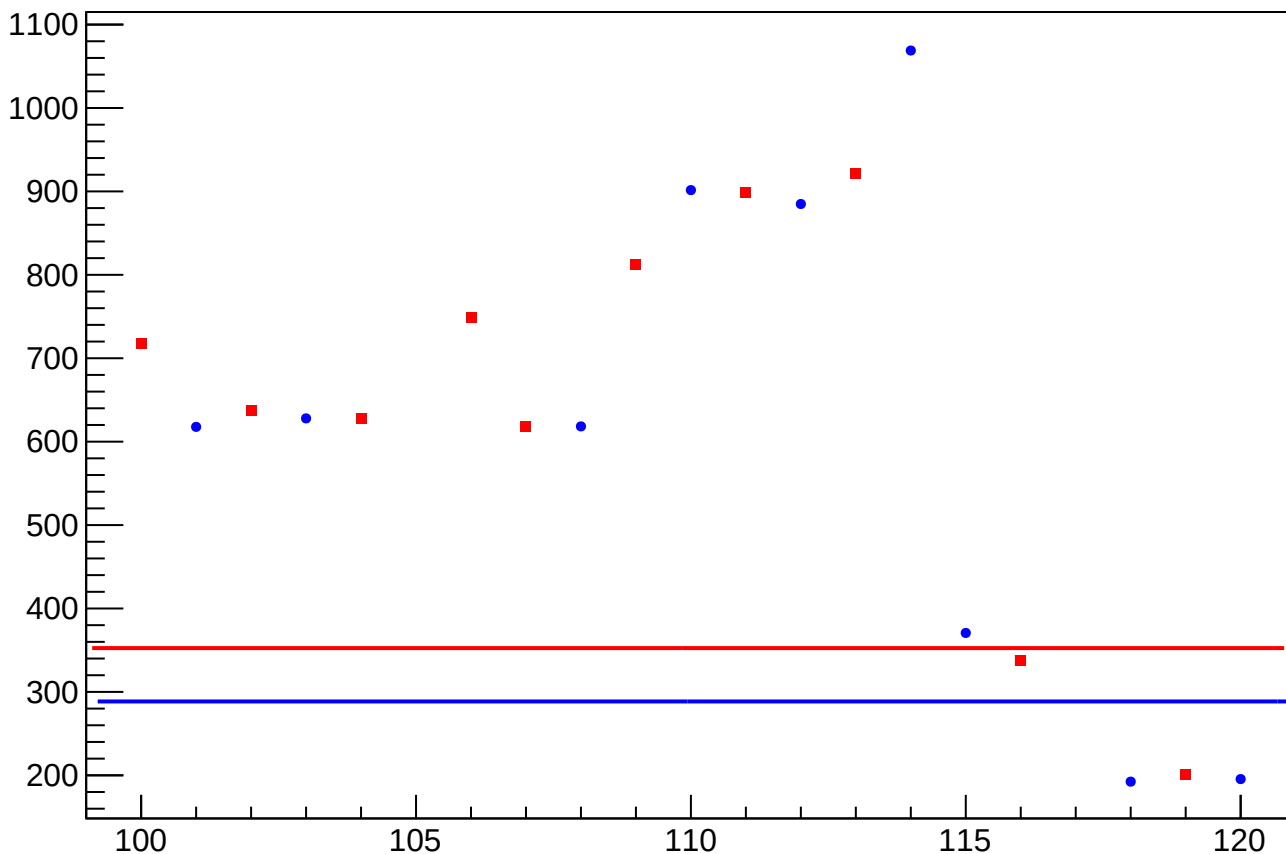
Right: -139.546+/-137.027 χ^2/NDF : 13.9/18

In: -269.308+/-181.830 χ^2/NDF : 5.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -139.546+/-137.027 χ^2/NDF : 13.9/18

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 288.560+/-0.129 χ^2/NDF : 2315362.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 352.545+/-0.147 χ^2/NDF : 2469989.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

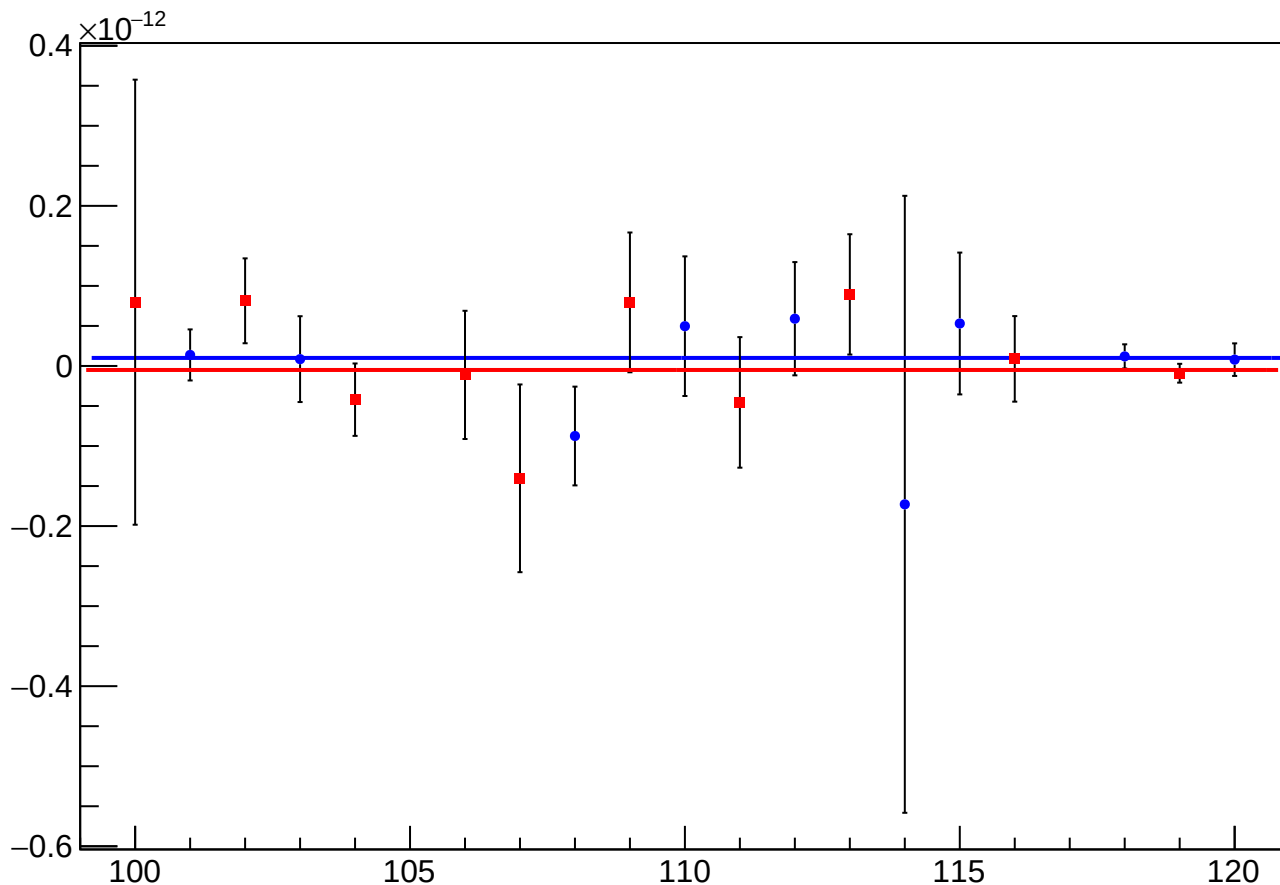
Right: 316.207+/-0.097 χ^2/NDF : 4892361.8/18

In: 288.560+/-0.129 χ^2/NDF : 2315362.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 316.207+/-0.097 χ^2/NDF : 4892361.8/18

asym_sam_37_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

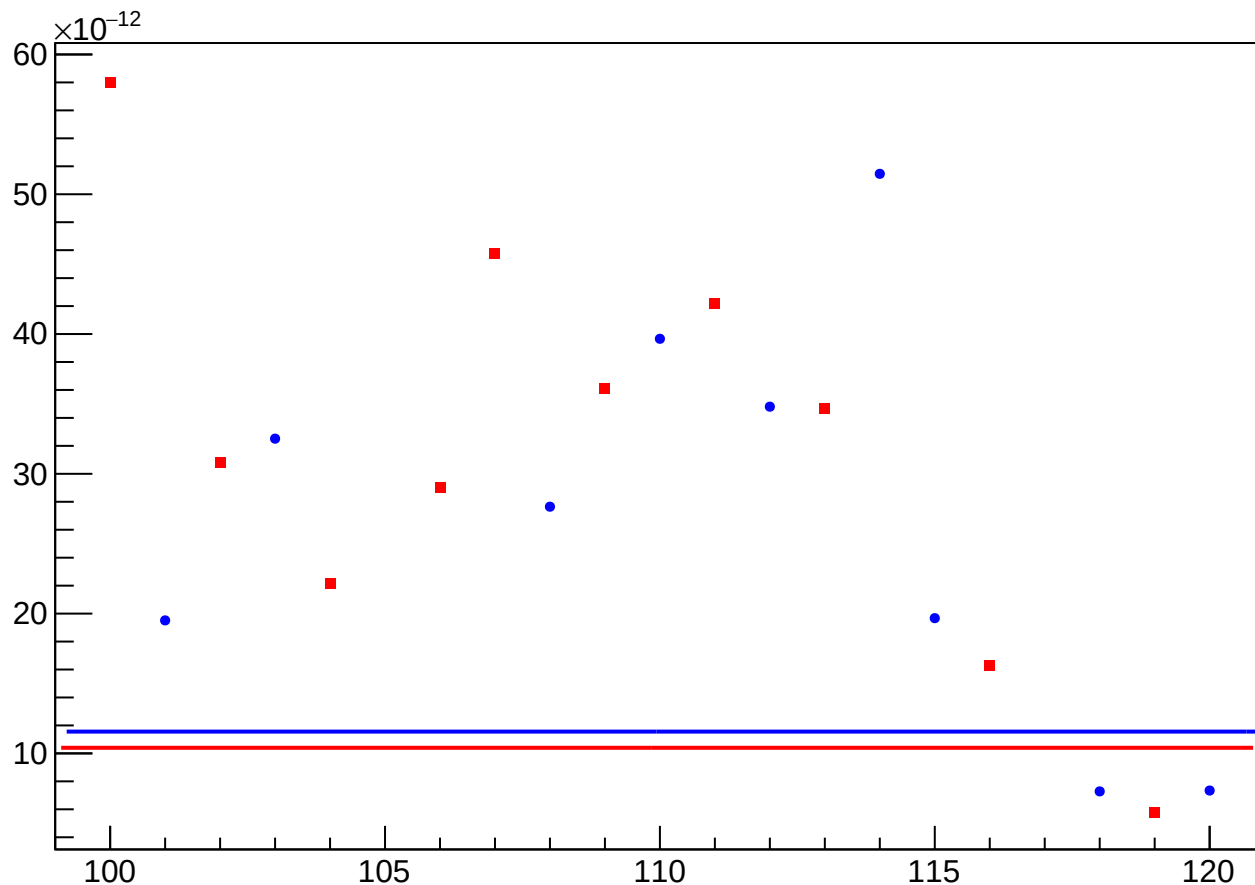
Right: 0.000+/-0.000 χ^2/NDF : 12.4/18

In: 0.000+/-0.000 χ^2/NDF : 3.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.4/18

asym_sam_37_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1274648.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1800561.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

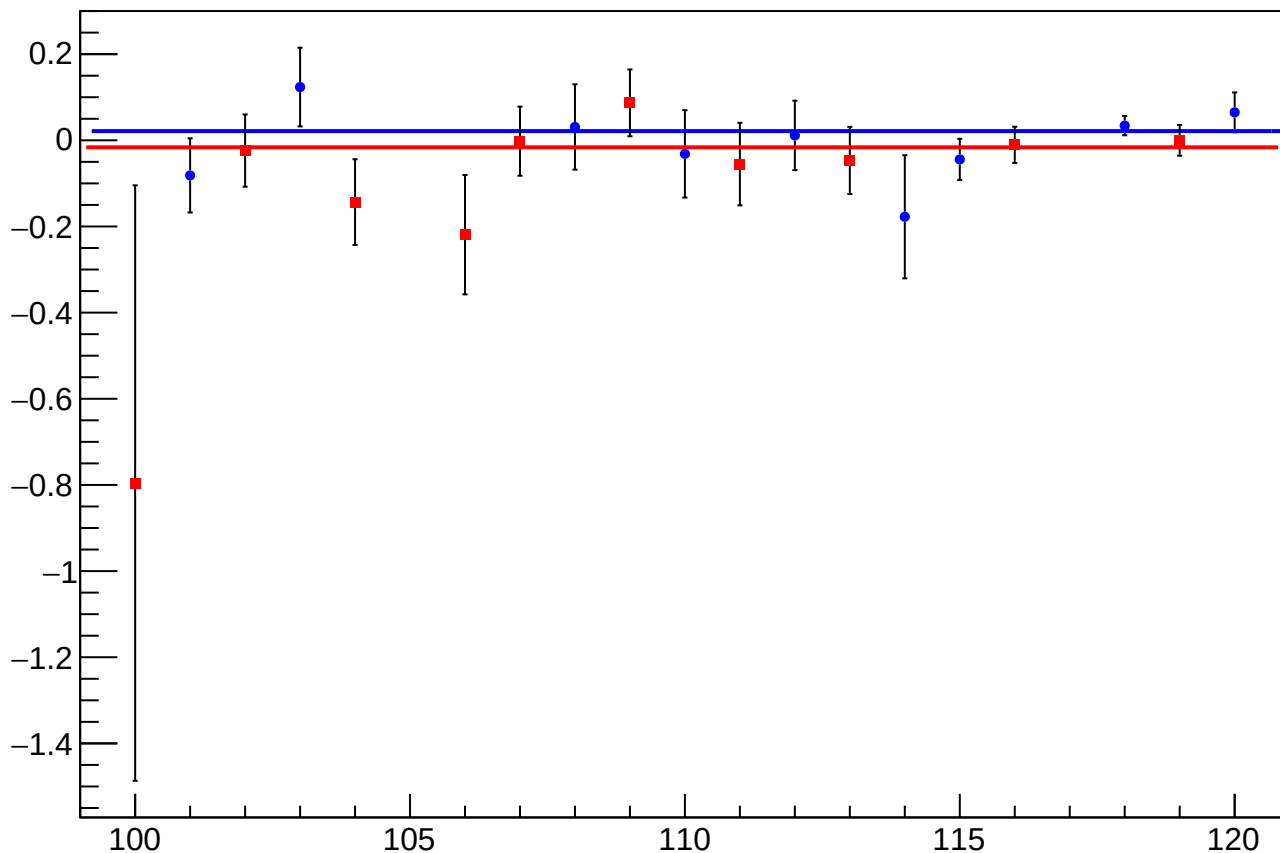
Right: 0.000+/-0.000 χ^2/NDF : 3087267.5/18

In: 0.000+/-0.000 χ^2/NDF : 1274648.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3087267.5/18

asym_sam_37_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.017 χ^2/NDF : 8.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-0.021 χ^2/NDF : 7.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

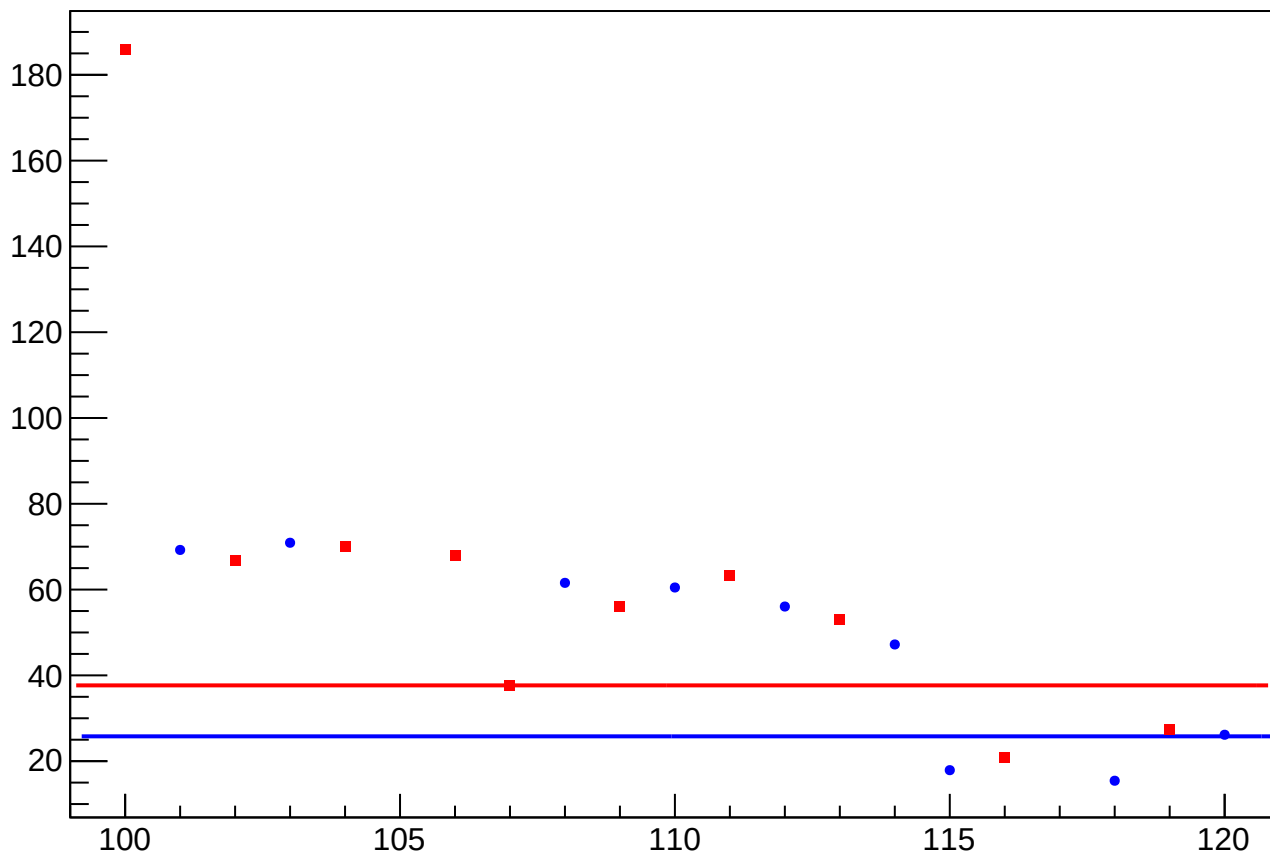
Right: 0.007+/-0.013 χ^2/NDF : 17.4/18

In: 0.021+/-0.017 χ^2/NDF : 8.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.013 χ^2/NDF : 17.4/18

asym_sam_37_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.786+/-0.012 χ^2/NDF : 2300776.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.665+/-0.015 χ^2/NDF : 1459148.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

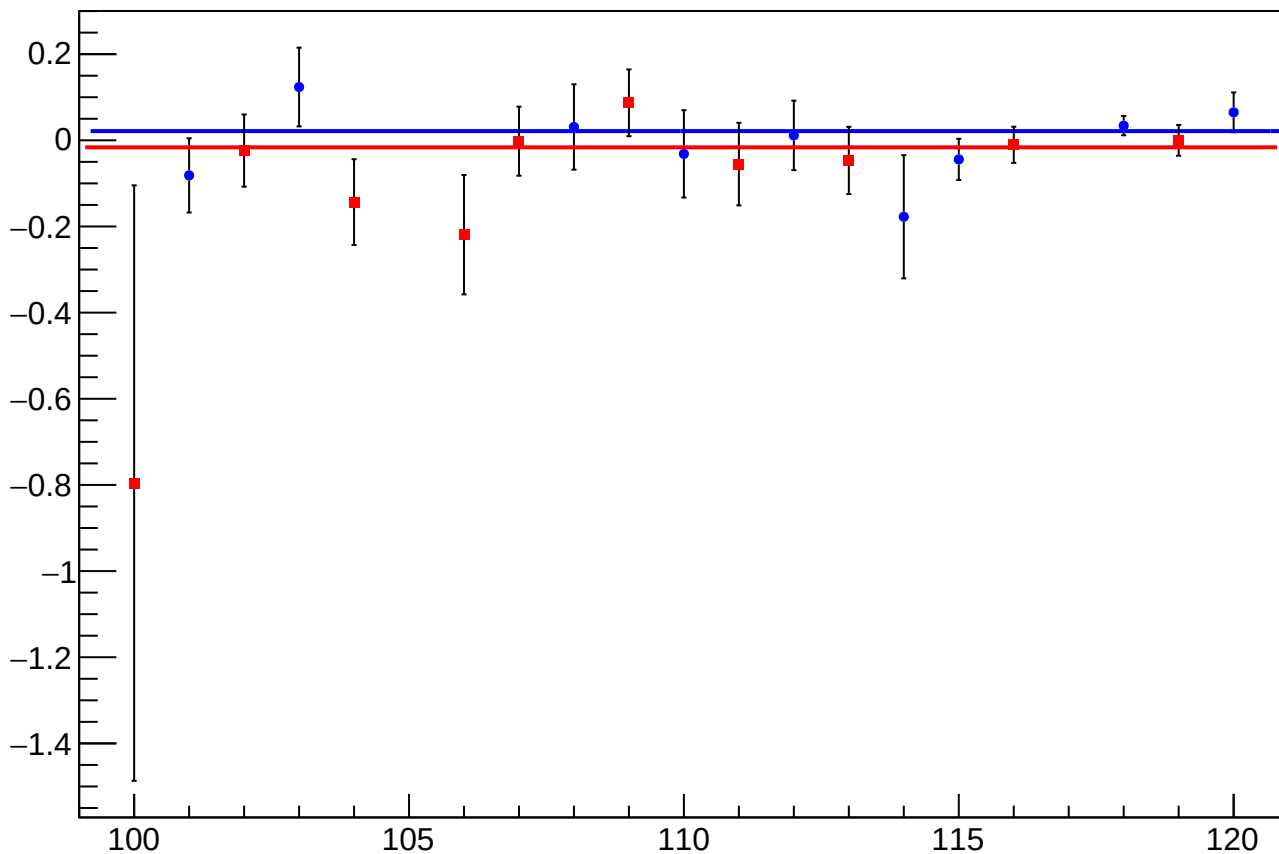
Right: 30.376+/-0.009 χ^2/NDF : 4148411.2/18

In: 25.786+/-0.012 χ^2/NDF : 2300776.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.376+/-0.009 χ^2/NDF : 4148411.2/18

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021 $\pm$ 0.017 χ^2 /NDF: 8.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.016 $\pm$ 0.021 χ^2 /NDF: 7.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

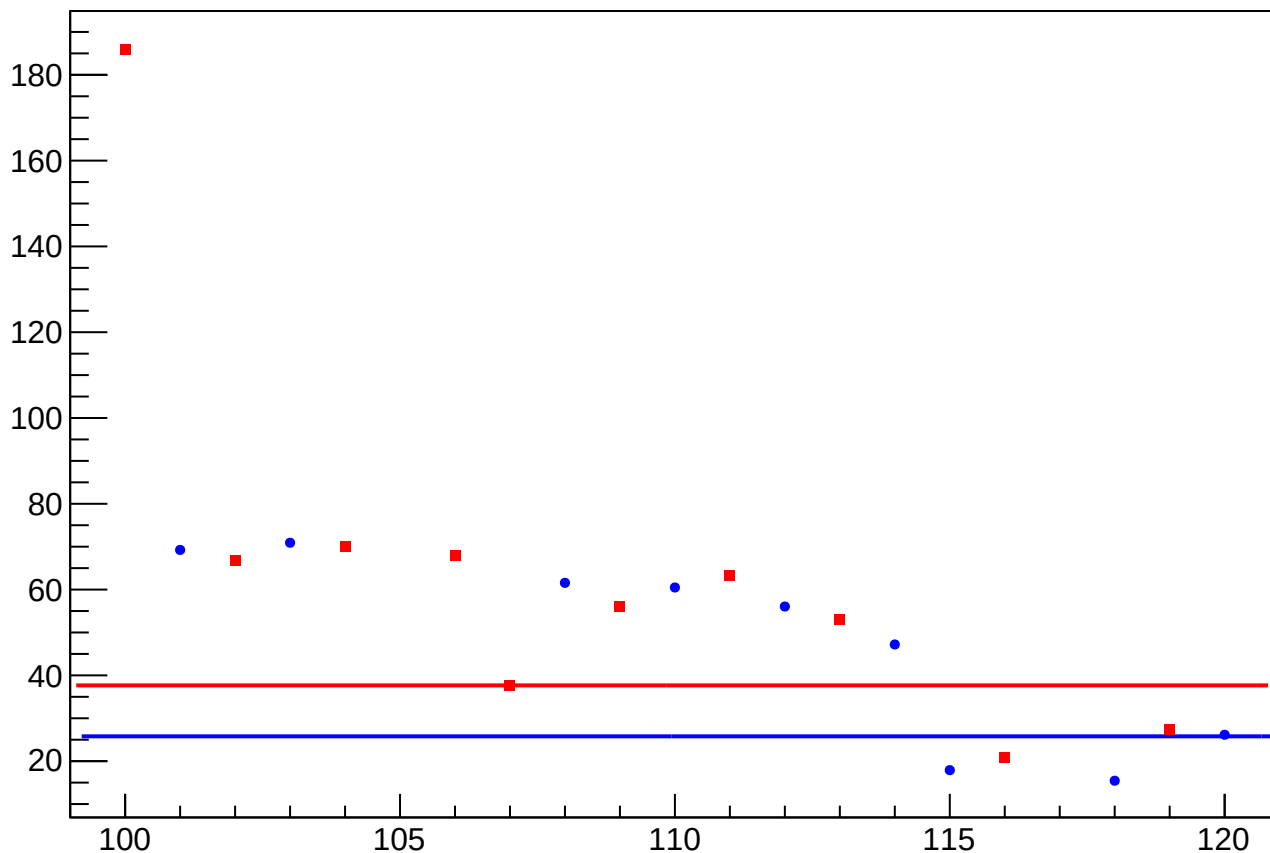
Right: 0.007 $\pm$ 0.013 χ^2 /NDF: 17.4/18

In: 0.021 $\pm$ 0.017 χ^2 /NDF: 8.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.013 χ^2 /NDF: 17.4/18

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.786+/-0.012 χ^2/NDF : 2300776.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.665+/-0.015 χ^2/NDF : 1459148.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

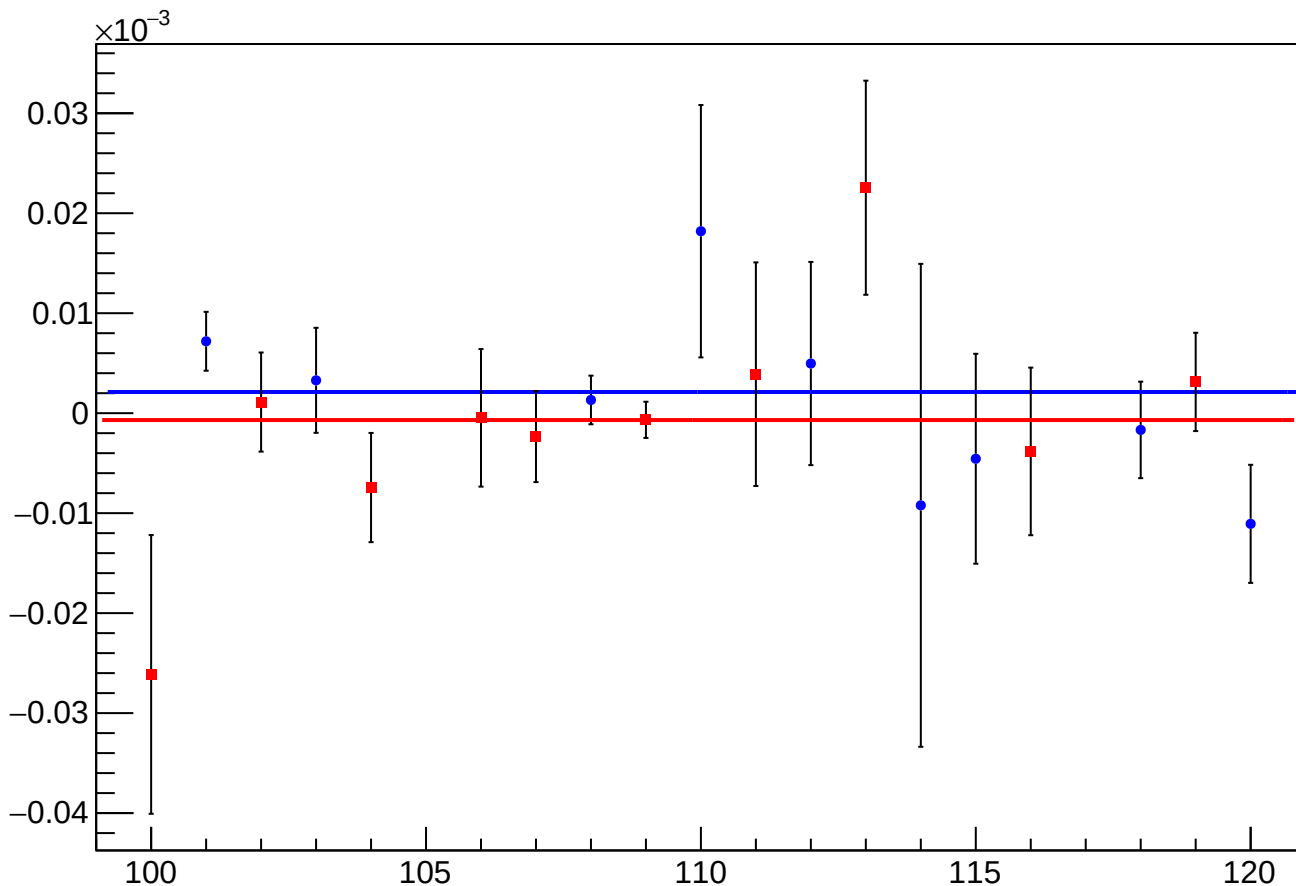
Right: 30.376+/-0.009 χ^2/NDF : 4148411.2/18

In: 25.786+/-0.012 χ^2/NDF : 2300776.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.376+/-0.009 χ^2/NDF : 4148411.2/18

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

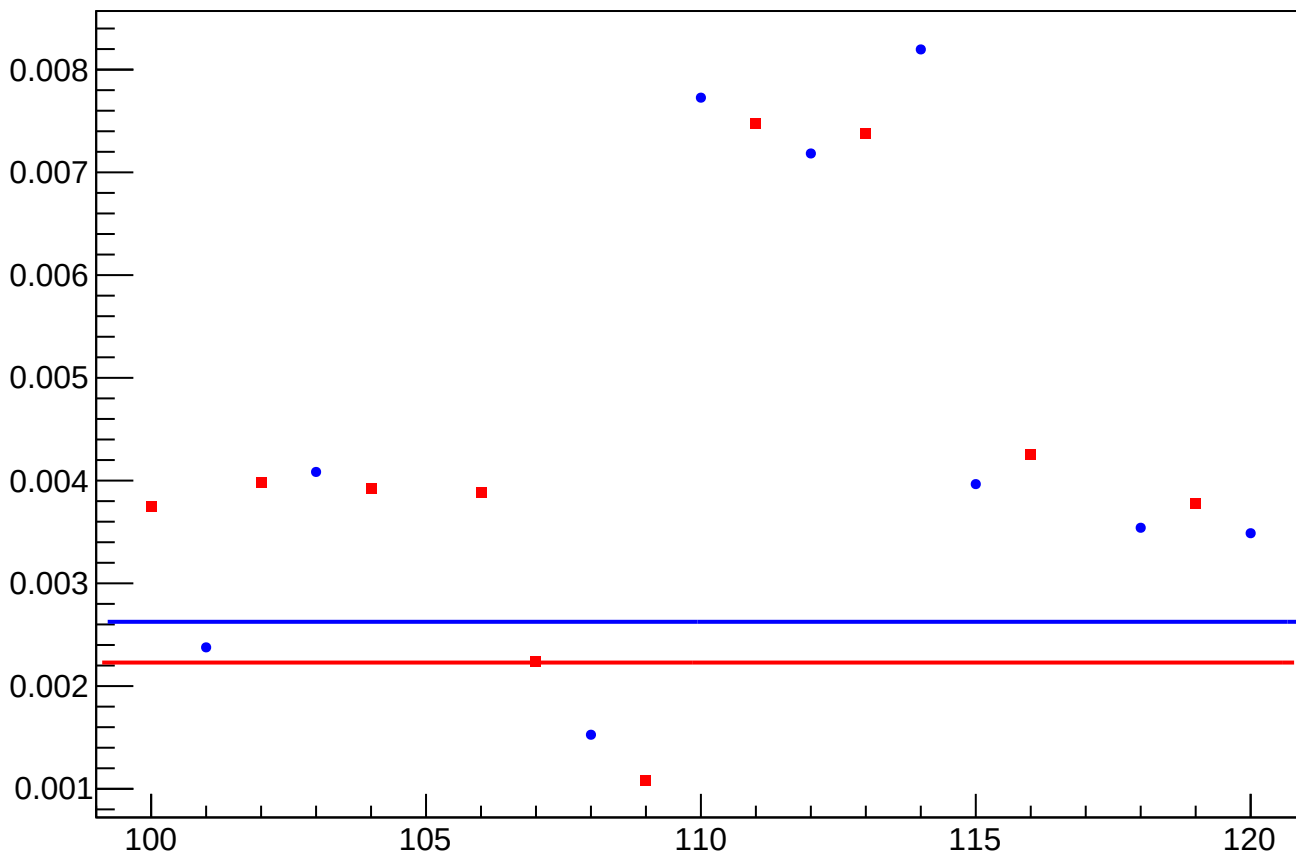
Right: 0.000+/-0.000 χ^2/NDF : 23.6/18

In: 0.000+/-0.000 χ^2/NDF : 11.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.6/18

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1560253.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2606975.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

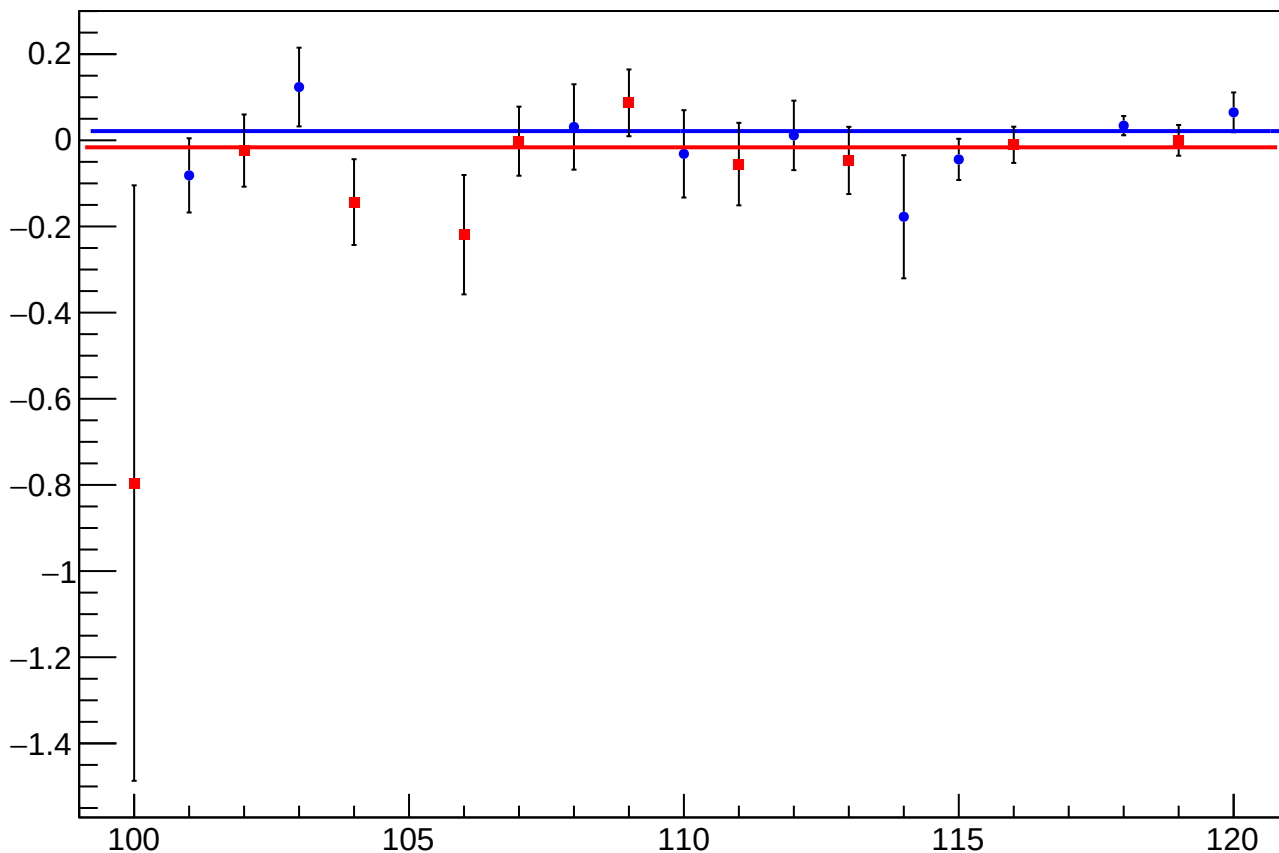
Right: 0.002+/-0.000 χ^2/NDF : 4240651.8/18

In: 0.003+/-0.000 χ^2/NDF : 1560253.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4240651.8/18

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021 ± 0.017 $\chi^2/\text{NDF}: 8.0/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.016 ± 0.021 $\chi^2/\text{NDF}: 7.4/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

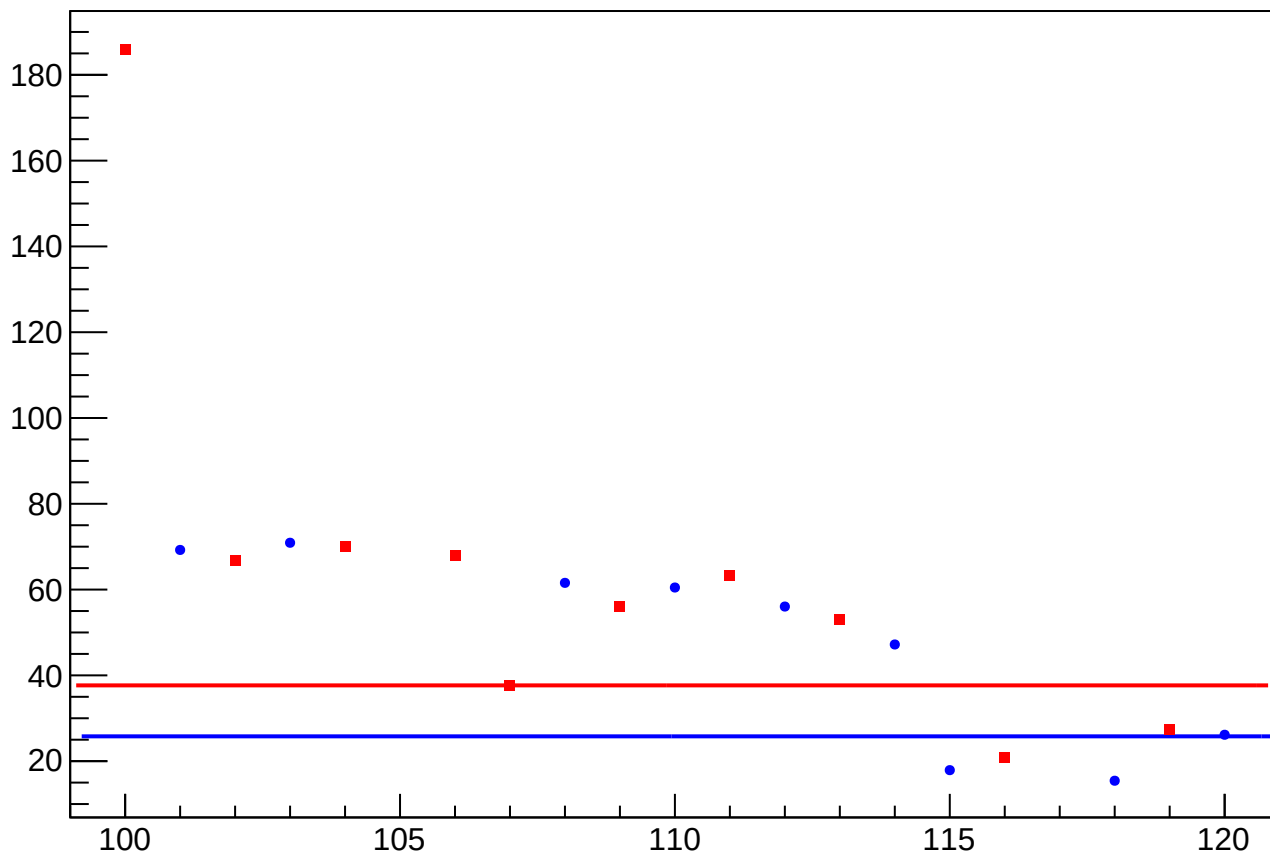
Right: 0.007 ± 0.013 $\chi^2/\text{NDF}: 17.4/18$

In: 0.021 ± 0.017 $\chi^2/\text{NDF}: 8.0/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.007 ± 0.013 $\chi^2/\text{NDF}: 17.4/18$

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.784+/-0.012 χ^2/NDF : 2300889.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.665+/-0.015 χ^2/NDF : 1459030.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

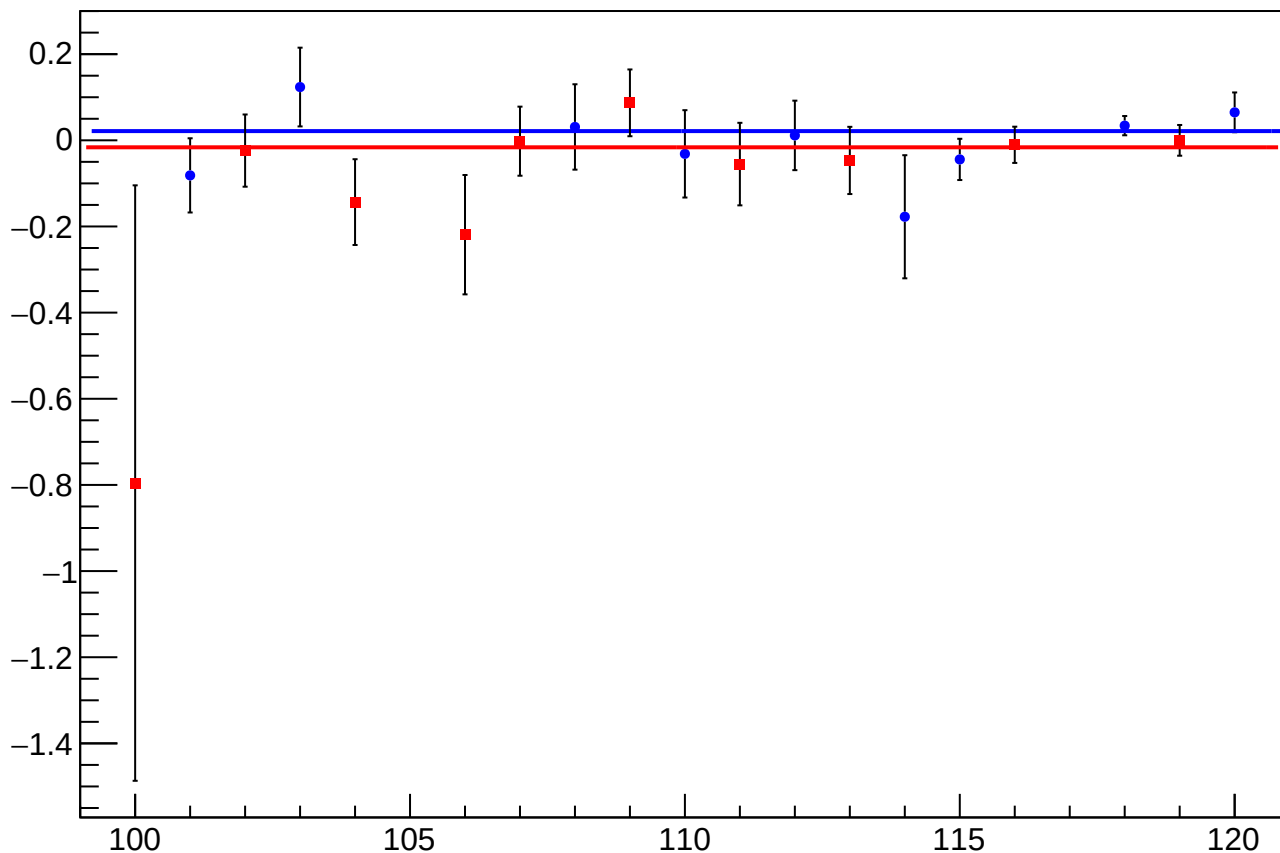
Right: 30.375+/-0.009 χ^2/NDF : 4148553.7/18

In: 25.784+/-0.012 χ^2/NDF : 2300889.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.375+/-0.009 χ^2/NDF : 4148553.7/18

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.017 χ^2/NDF : 8.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-0.021 χ^2/NDF : 7.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

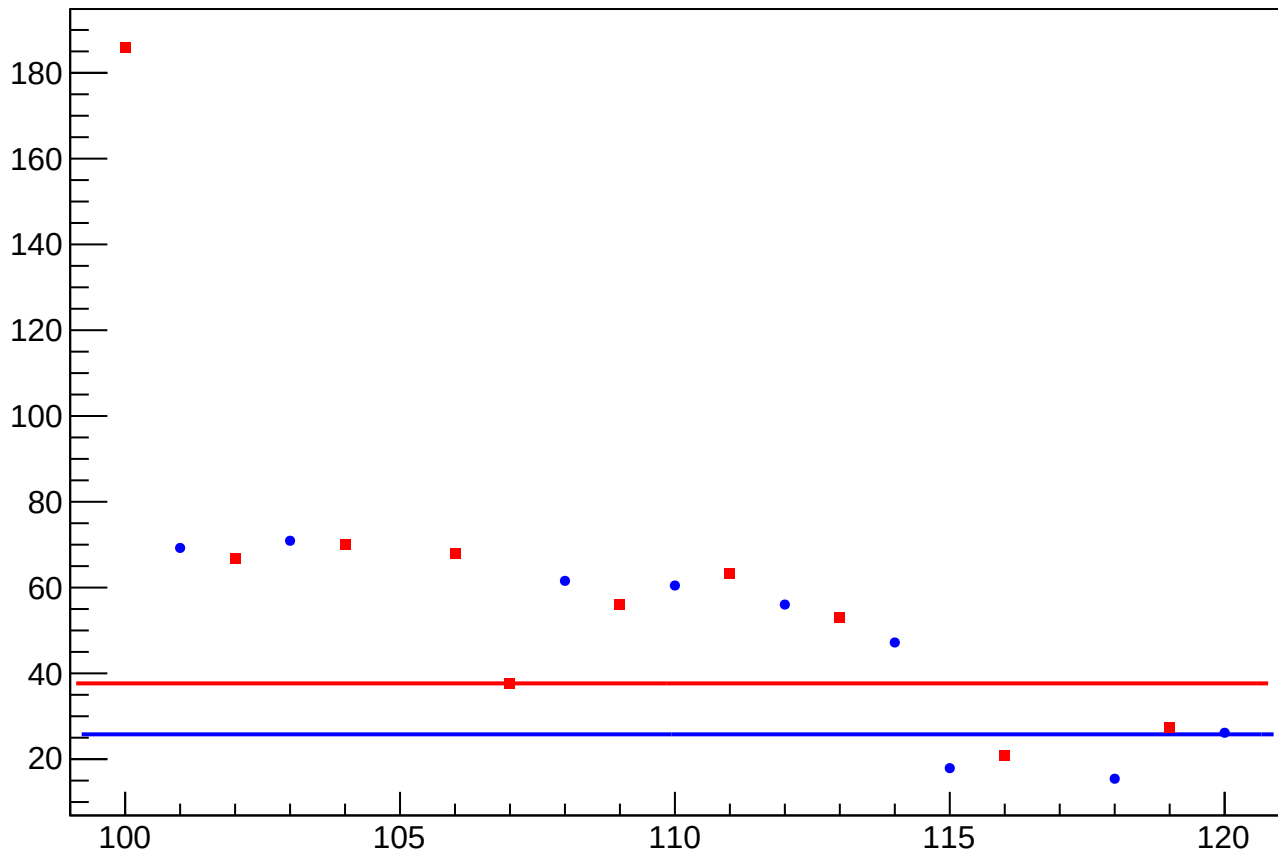
Right: 0.007+/-0.013 χ^2/NDF : 17.4/18

In: 0.021+/-0.017 χ^2/NDF : 8.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.013 χ^2/NDF : 17.4/18

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.784+/-0.012 χ^2/NDF : 2300889.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.665+/-0.015 χ^2/NDF : 1459030.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

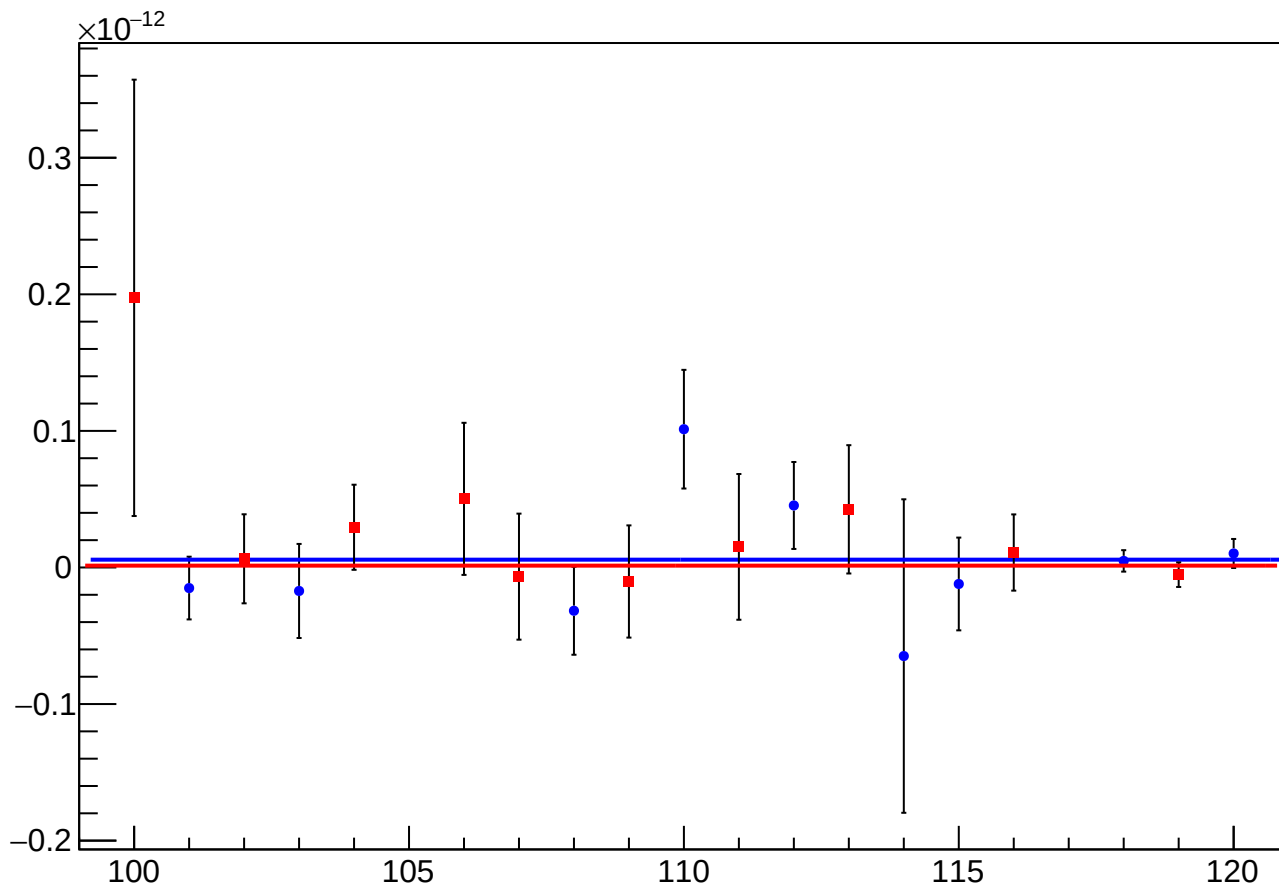
Right: 30.375+/-0.009 χ^2/NDF : 4148553.7/18

In: 25.784+/-0.012 χ^2/NDF : 2300889.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.375+/-0.009 χ^2/NDF : 4148553.7/18

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

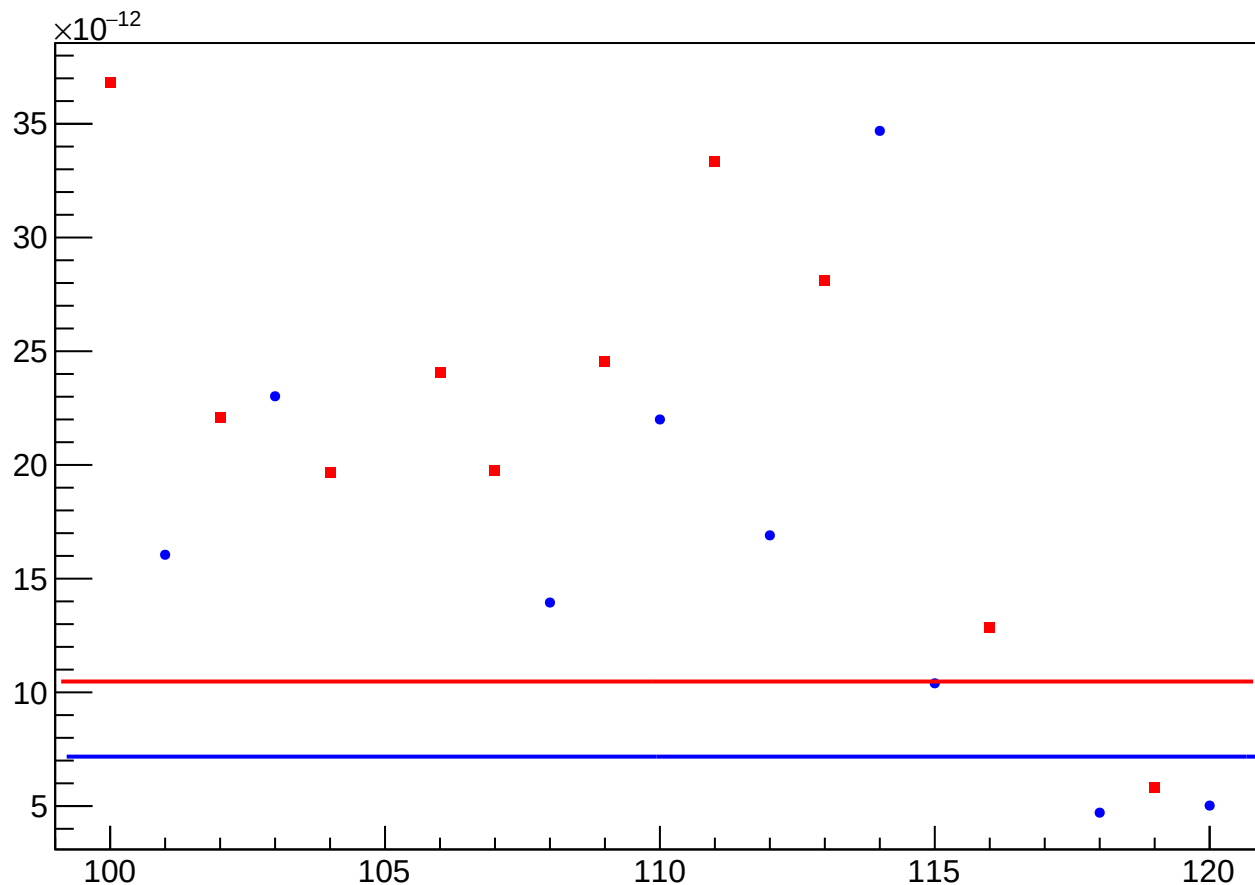
Right: 0.000+/-0.000 χ^2/NDF : 14.8/18

In: 0.000+/-0.000 χ^2/NDF : 9.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.8/18

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1642874.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2117782.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

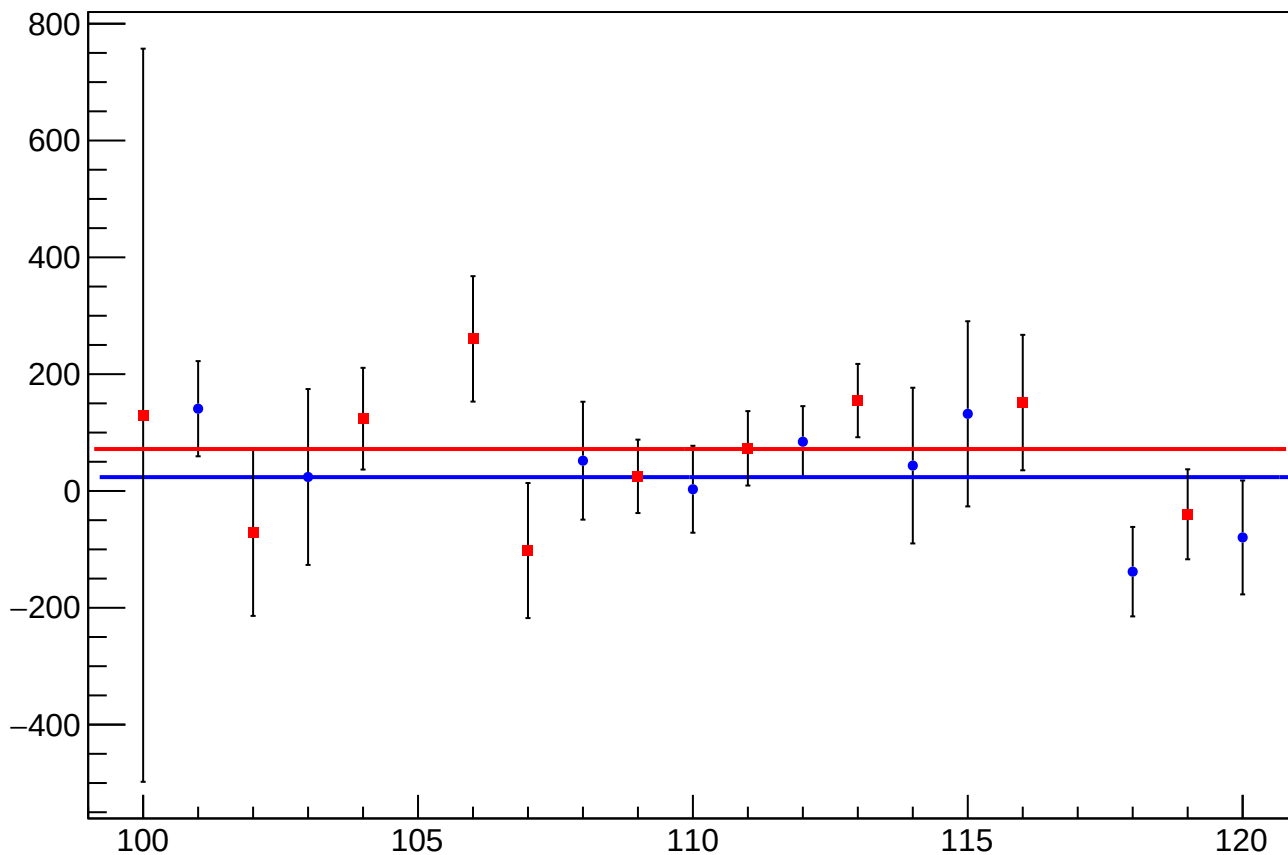
Right: 0.000+/-0.000 χ^2/NDF : 4008663.0/18

In: 0.000+/-0.000 χ^2/NDF : 1642874.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4008663.0/18

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 23.713+/-29.949 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.841+/-27.308 χ^2/NDF : 11.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

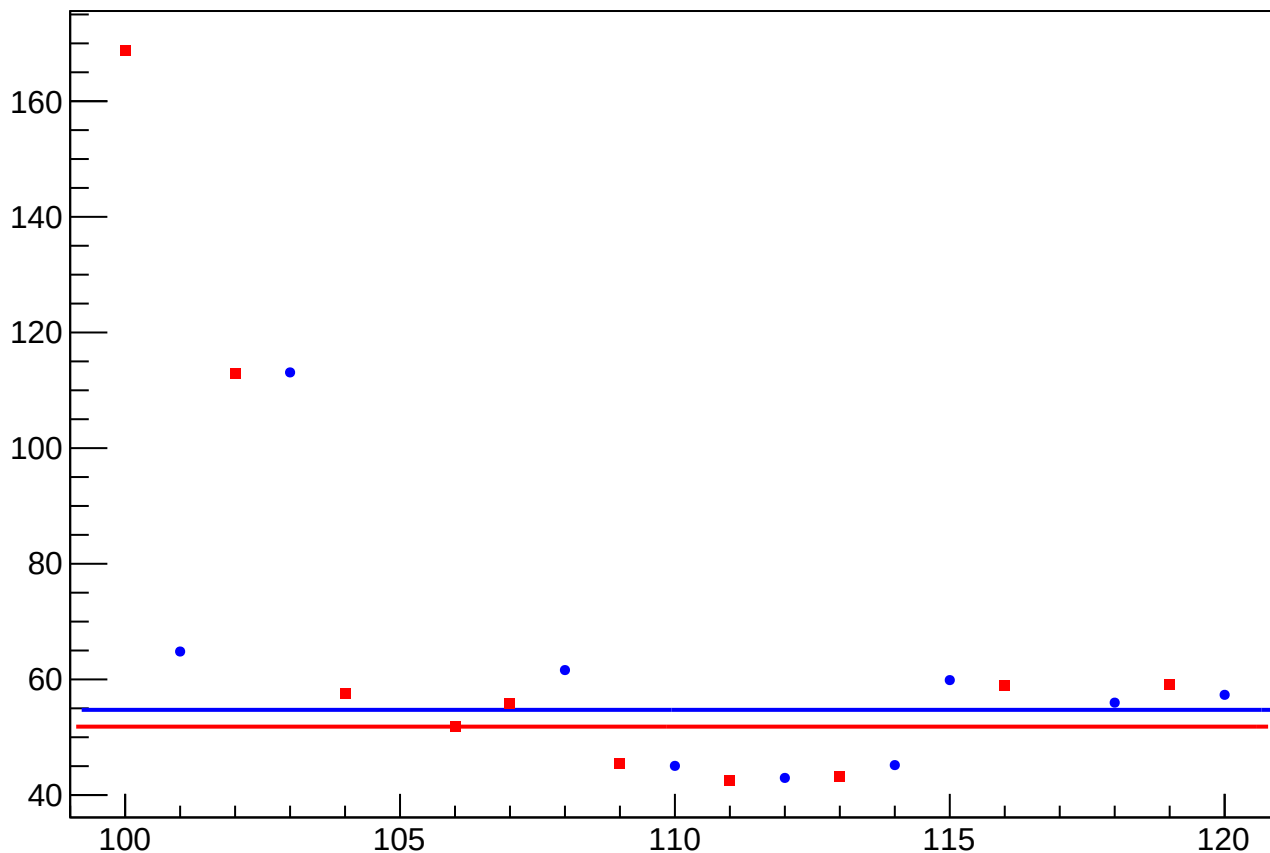
Right: 49.993+/-20.179 χ^2/NDF : 22.3/18

In: 23.713+/-29.949 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.993+/-20.179 χ^2/NDF : 22.3/18

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 54.737+/-0.021 χ^2/NDF : 463444.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.833+/-0.019 χ^2/NDF : 571316.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

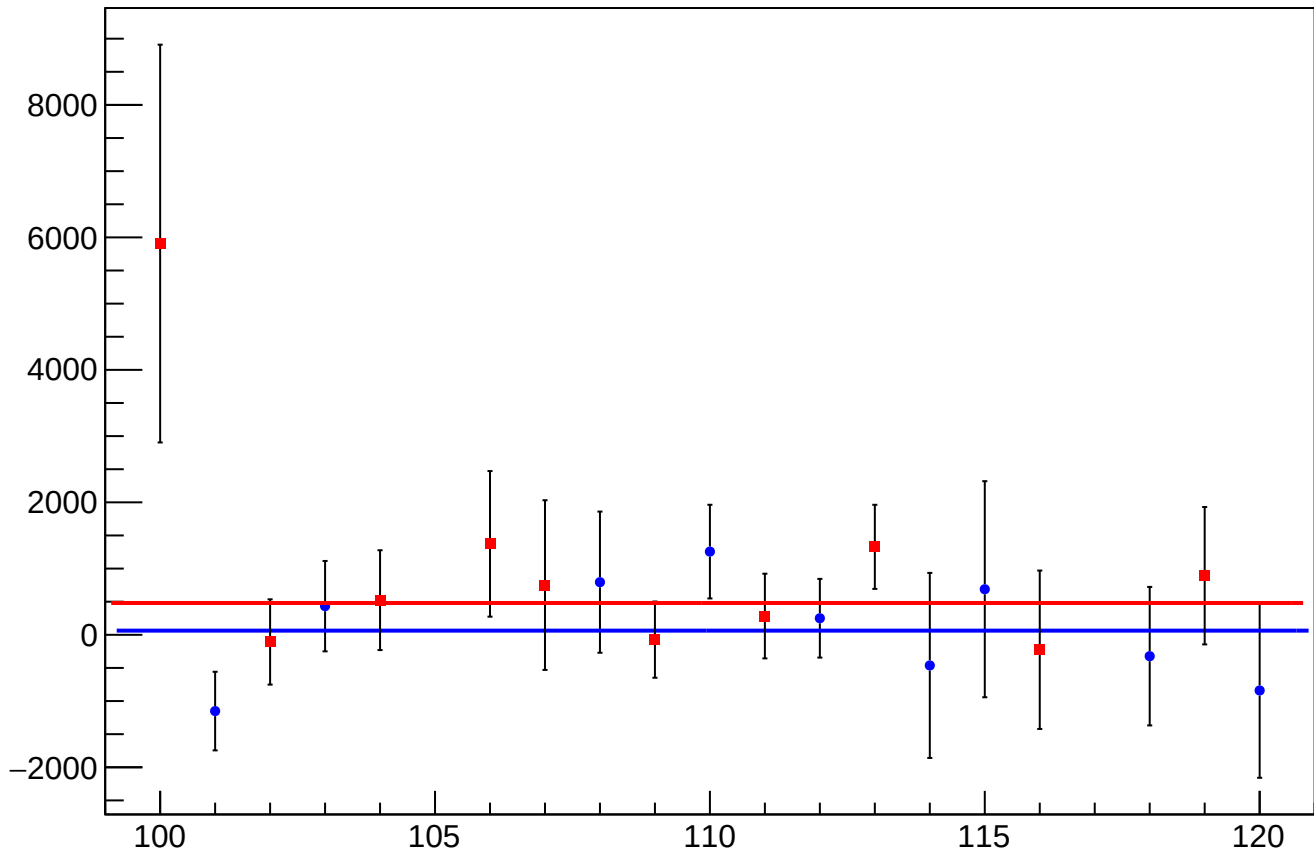
Right: 53.151+/-0.014 χ^2/NDF : 1045022.3/18

In: 54.737+/-0.021 χ^2/NDF : 463444.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.151+/-0.014 χ^2/NDF : 1045022.3/18

asym_sam_1357_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 63.124+/-276.514 χ^2/NDF : 8.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 480.543+/-255.671 χ^2/NDF : 8.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

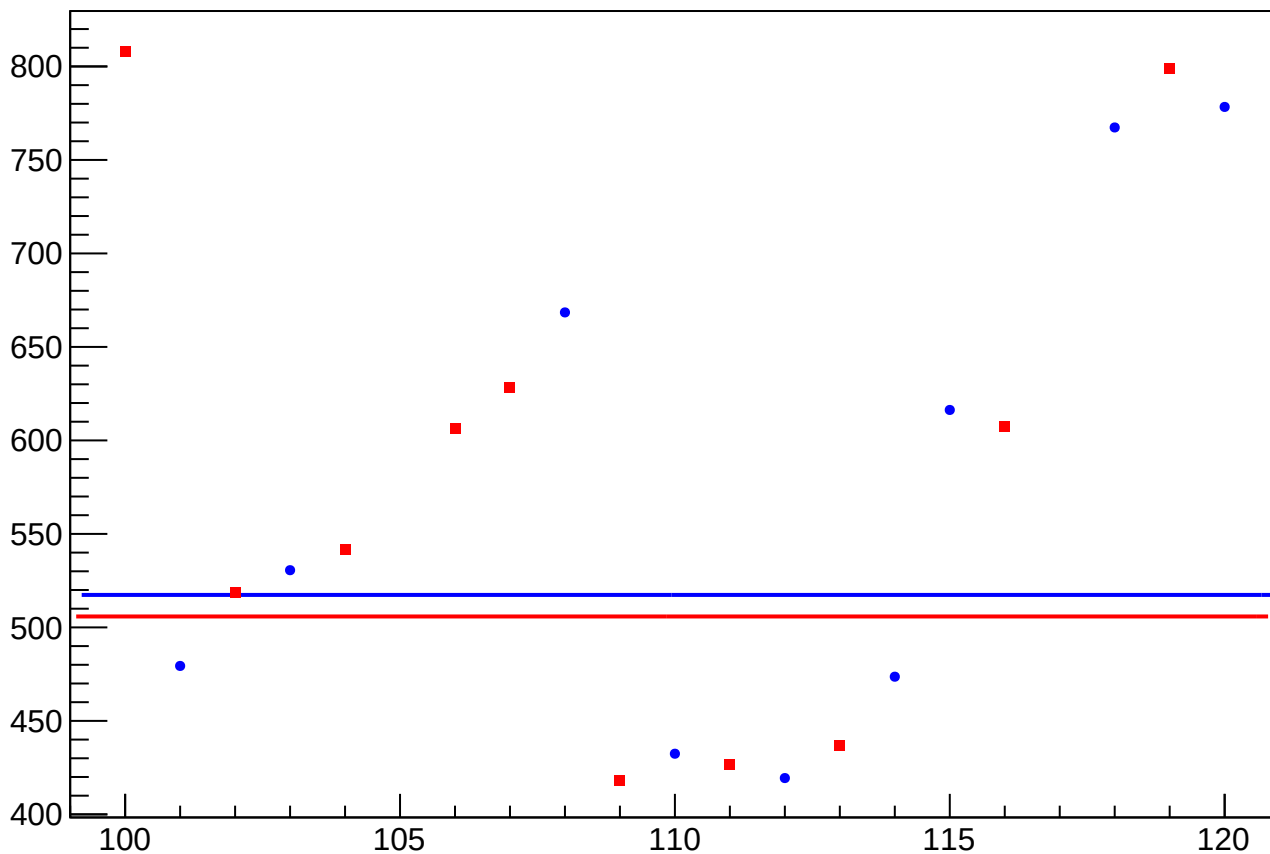
Right: 288.156+/-187.723 χ^2/NDF : 18.1/18

In: 63.124+/-276.514 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 288.156+/-187.723 χ^2/NDF : 18.1/18

asym_sam_1357_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 517.369+/-0.196 χ^2/NDF : 334350.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 505.844+/-0.181 χ^2/NDF : 335161.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

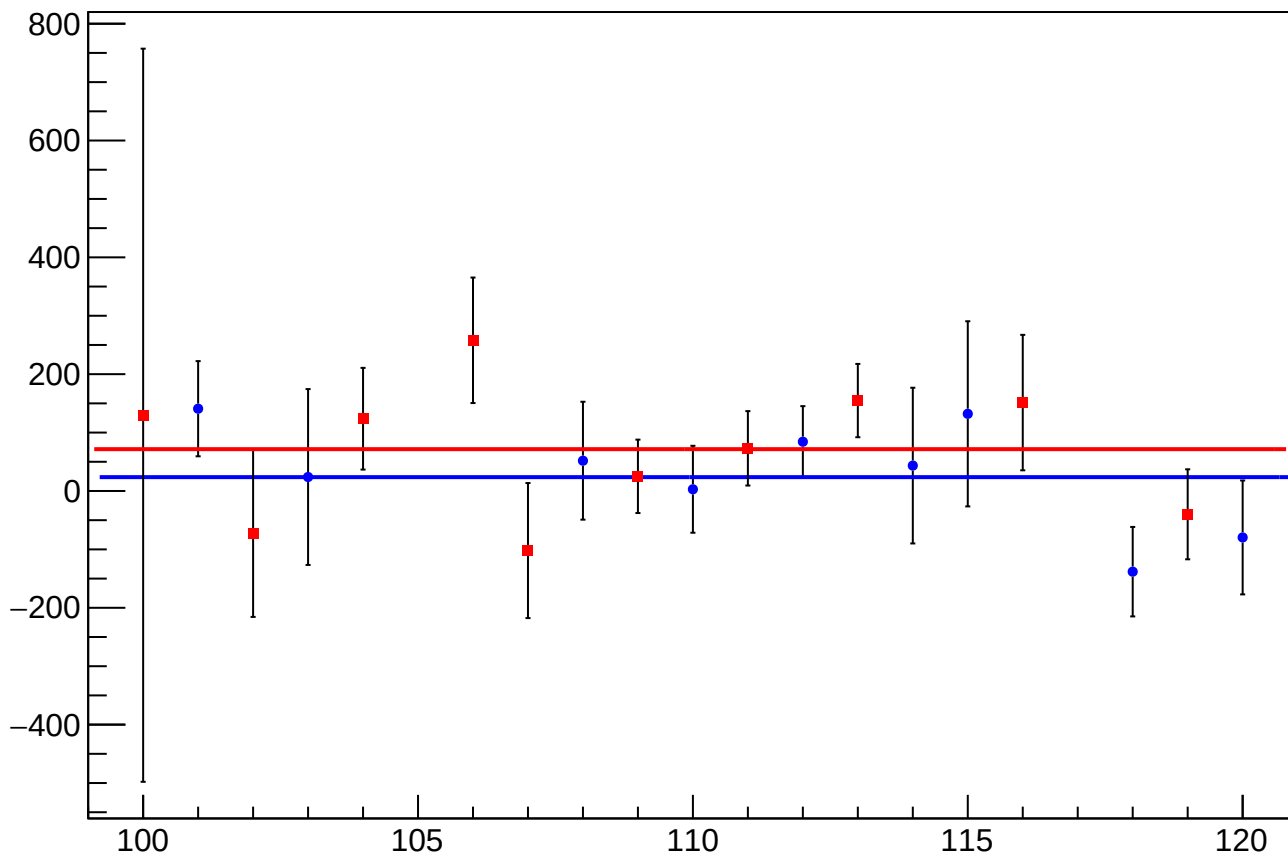
Right: 511.156+/-0.133 χ^2/NDF : 671384.5/18

In: 517.369+/-0.196 χ^2/NDF : 334350.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 511.156+/-0.133 χ^2/NDF : 671384.5/18

cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 23.706+/-29.950 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.611+/-27.309 χ^2/NDF : 11.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

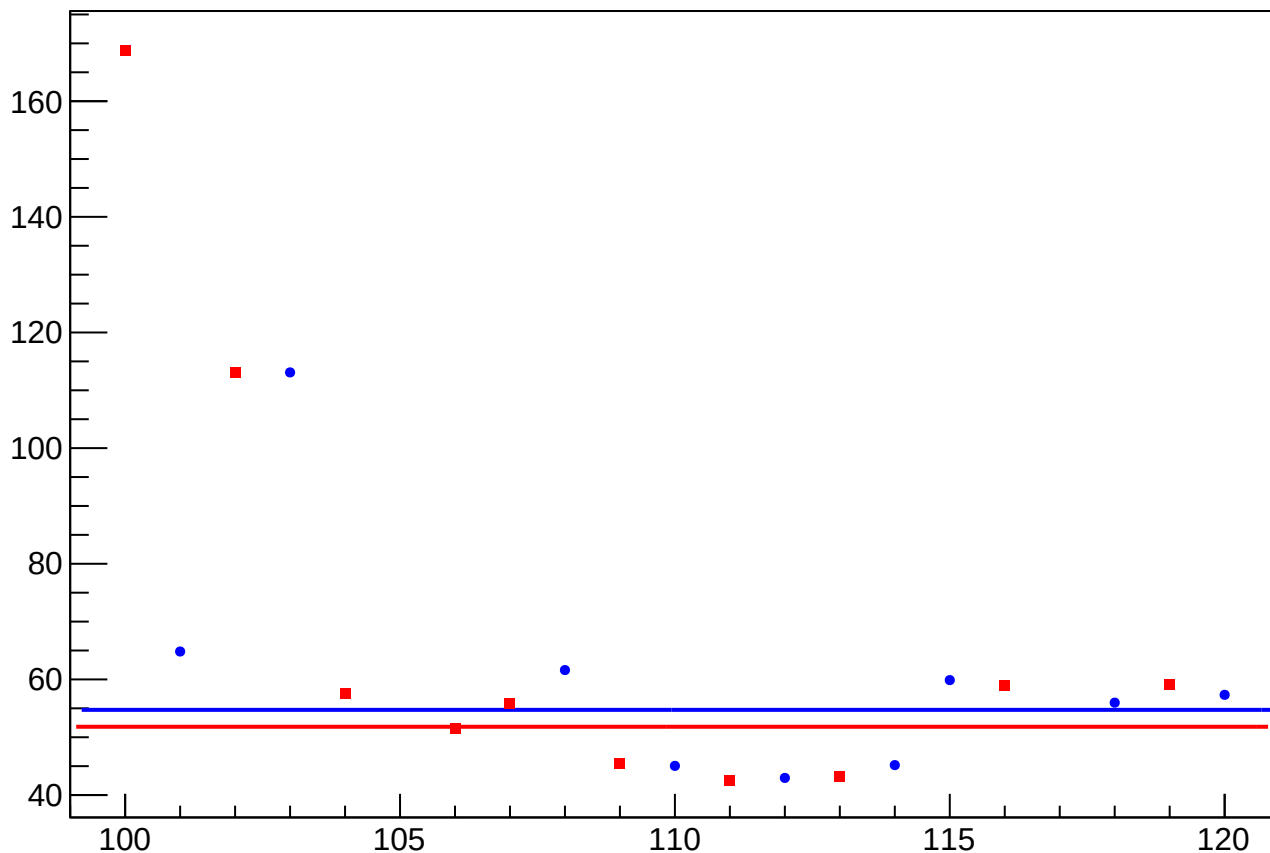
Right: 49.863+/-20.180 χ^2/NDF : 22.2/18

In: 23.706+/-29.950 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.863+/-20.180 χ^2/NDF : 22.2/18

cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 54.737 $\pm$ 0.021 χ^2 /NDF: 463446.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 51.814 $\pm$ 0.019 χ^2 /NDF: 571565.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

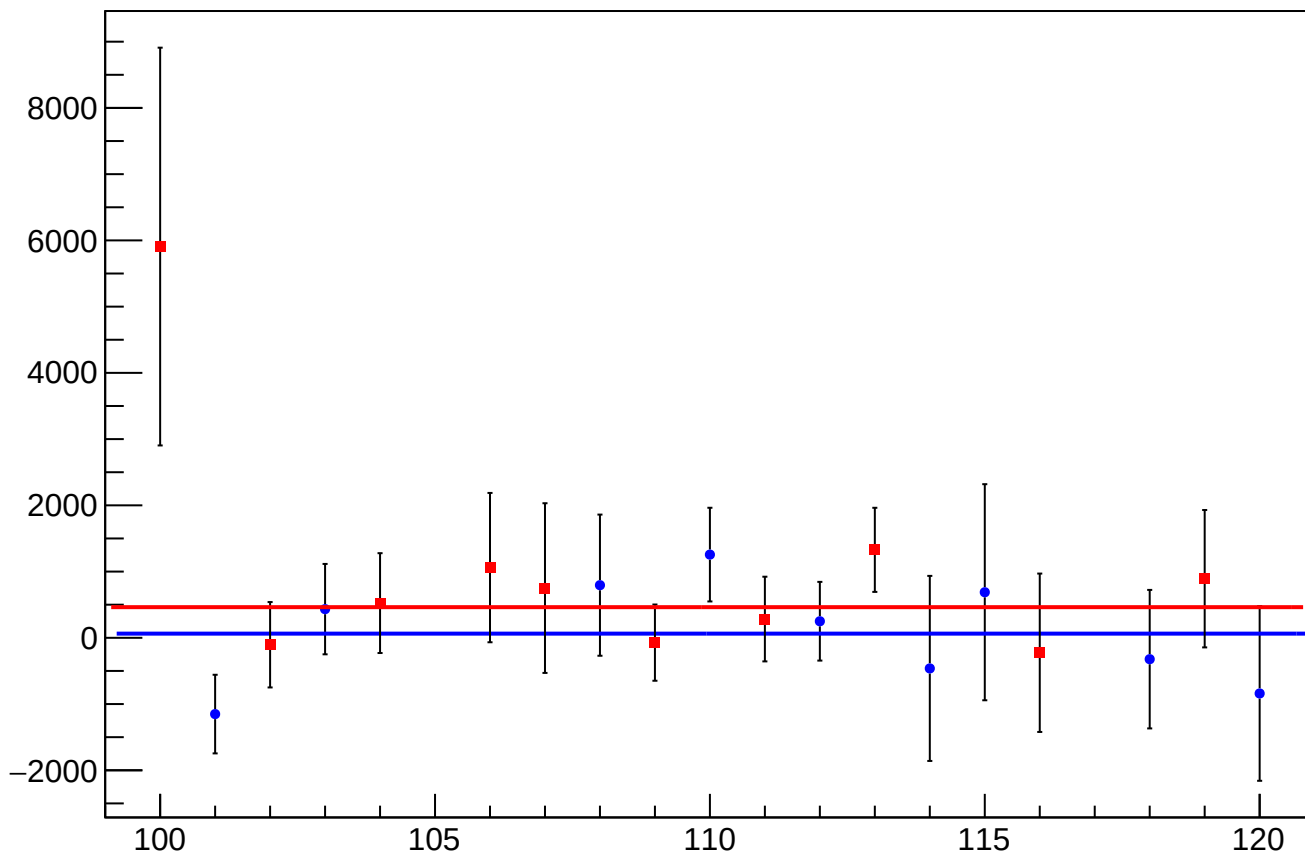
Right: 53.141 $\pm$ 0.014 χ^2 /NDF: 1045415.1/18

In: 54.737 $\pm$ 0.021 χ^2 /NDF:463446.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 53.141 $\pm$ 0.014 χ^2 /NDF: 1045415.1/18

asym_sam_1357_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 63.170+/-276.519 χ^2/NDF : 8.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 462.735+/-256.052 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

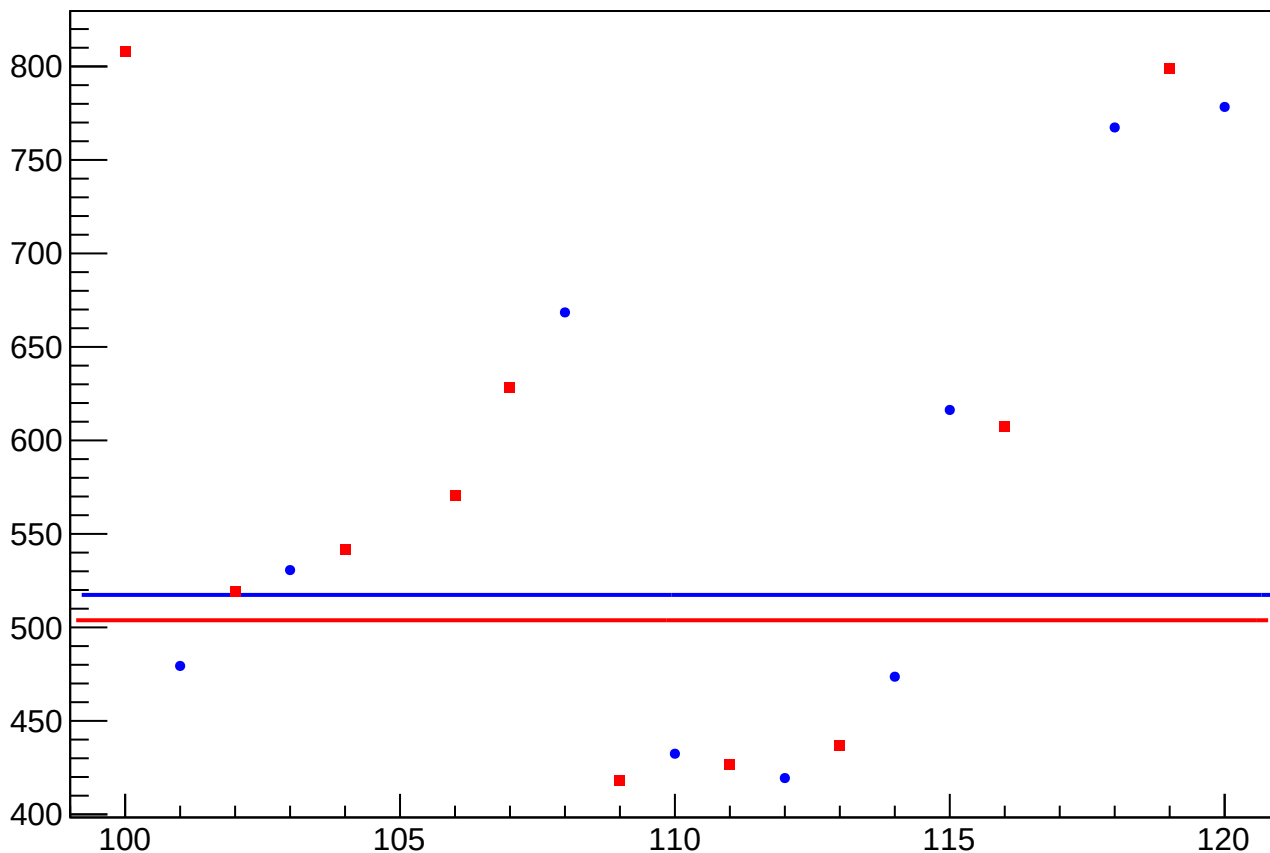
Right: 278.286+/-187.876 χ^2/NDF : 17.6/18

In: 63.170+/-276.519 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.286+/-187.876 χ^2/NDF : 17.6/18

asym_sam_1357_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 517.378+/-0.196 χ^2/NDF : 334355.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 503.819+/-0.181 χ^2/NDF : 325056.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

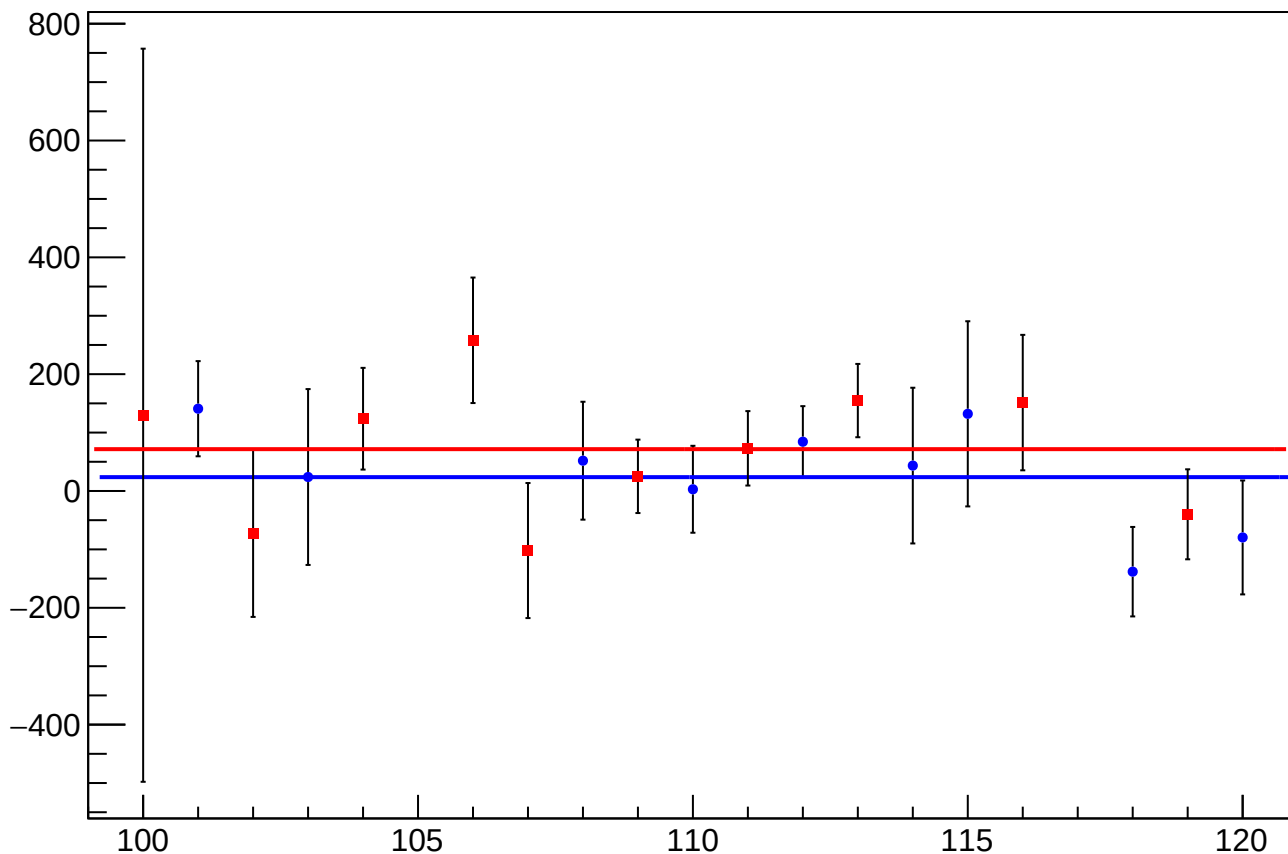
Right: 510.078+/-0.133 χ^2/NDF : 662001.9/18

In: 517.378+/-0.196 χ^2/NDF : 334355.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 510.078+/-0.133 χ^2/NDF : 662001.9/18

eigen_cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 23.706+/-29.950 χ^2/NDF : 9.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.611+/-27.309 χ^2/NDF : 11.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

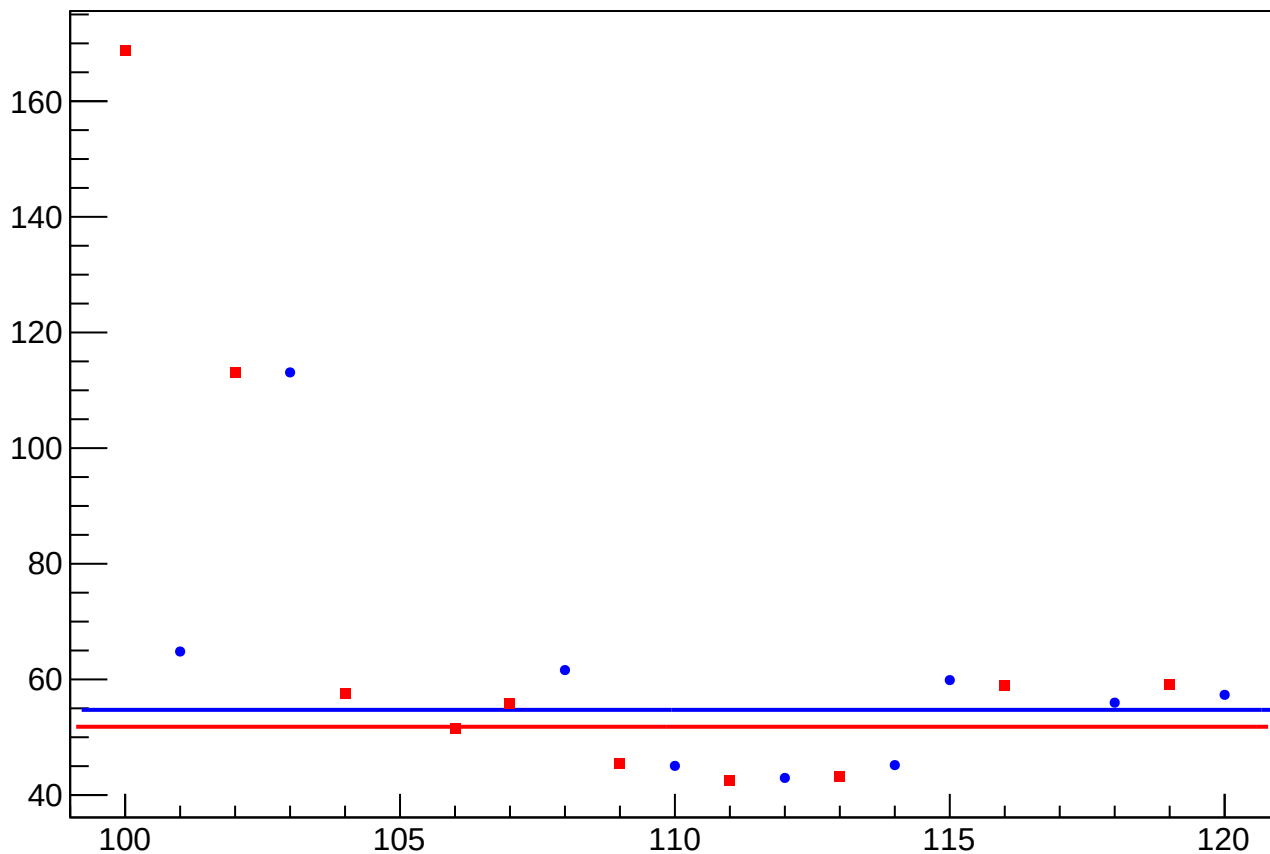
Right: 49.863+/-20.180 χ^2/NDF : 22.2/18

In: 23.706+/-29.950 χ^2/NDF : 9.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.863+/-20.180 χ^2/NDF : 22.2/18

eigen_cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 54.737 $\pm$ 0.021 χ^2 /NDF: 463446.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 51.814 $\pm$ 0.019 χ^2 /NDF: 571565.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

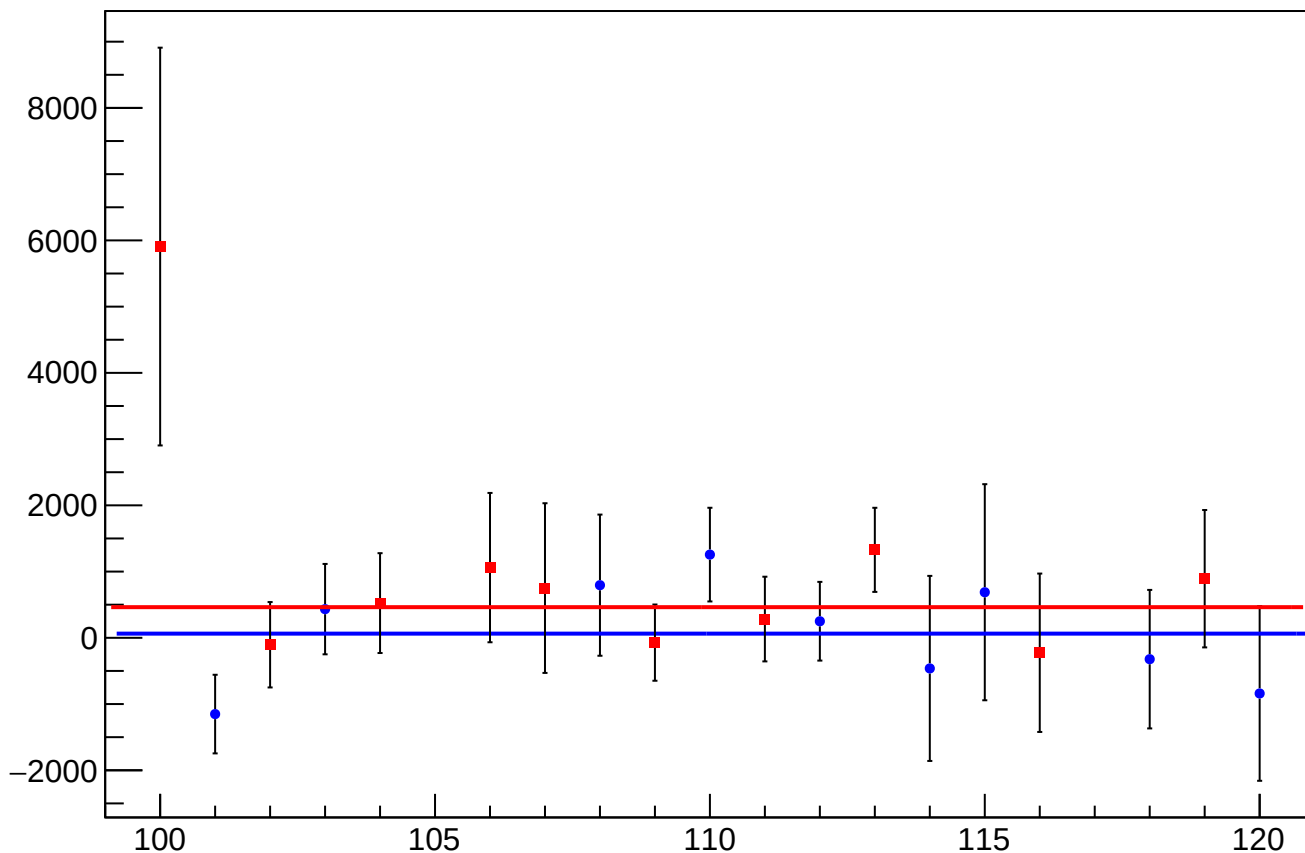
Right: 53.141 $\pm$ 0.014 χ^2 /NDF: 1045415.1/18

In: 54.737 $\pm$ 0.021 χ^2 /NDF:463446.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 53.141 $\pm$ 0.014 χ^2 /NDF: 1045415.1/18

asym_sam_1357_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 63.170+/-276.519 χ^2/NDF : 8.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 462.735+/-256.052 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

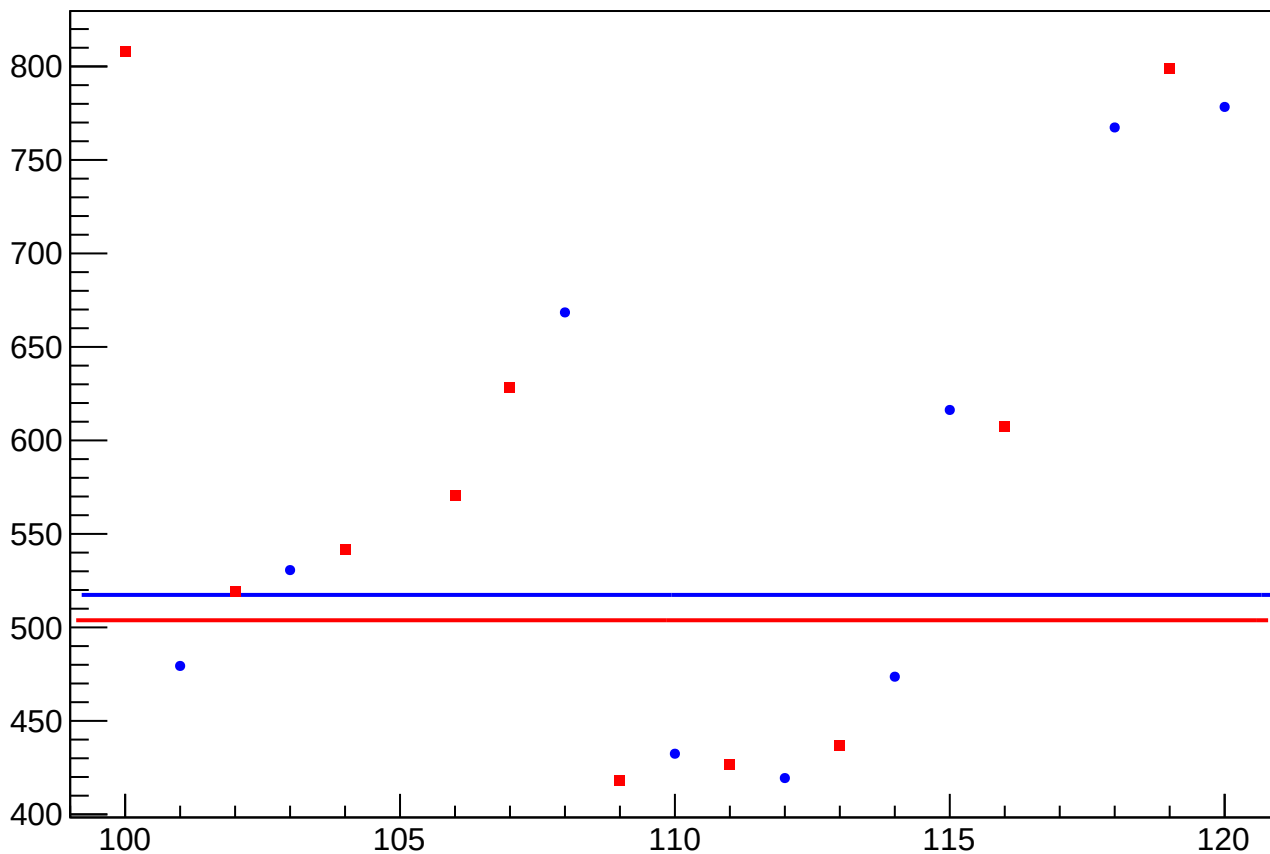
Right: 278.286+/-187.876 χ^2/NDF : 17.6/18

In: 63.170+/-276.519 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.286+/-187.876 χ^2/NDF : 17.6/18

asym_sam_1357_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 517.378+/-0.196 χ^2/NDF : 334355.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 503.819+/-0.181 χ^2/NDF : 325056.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

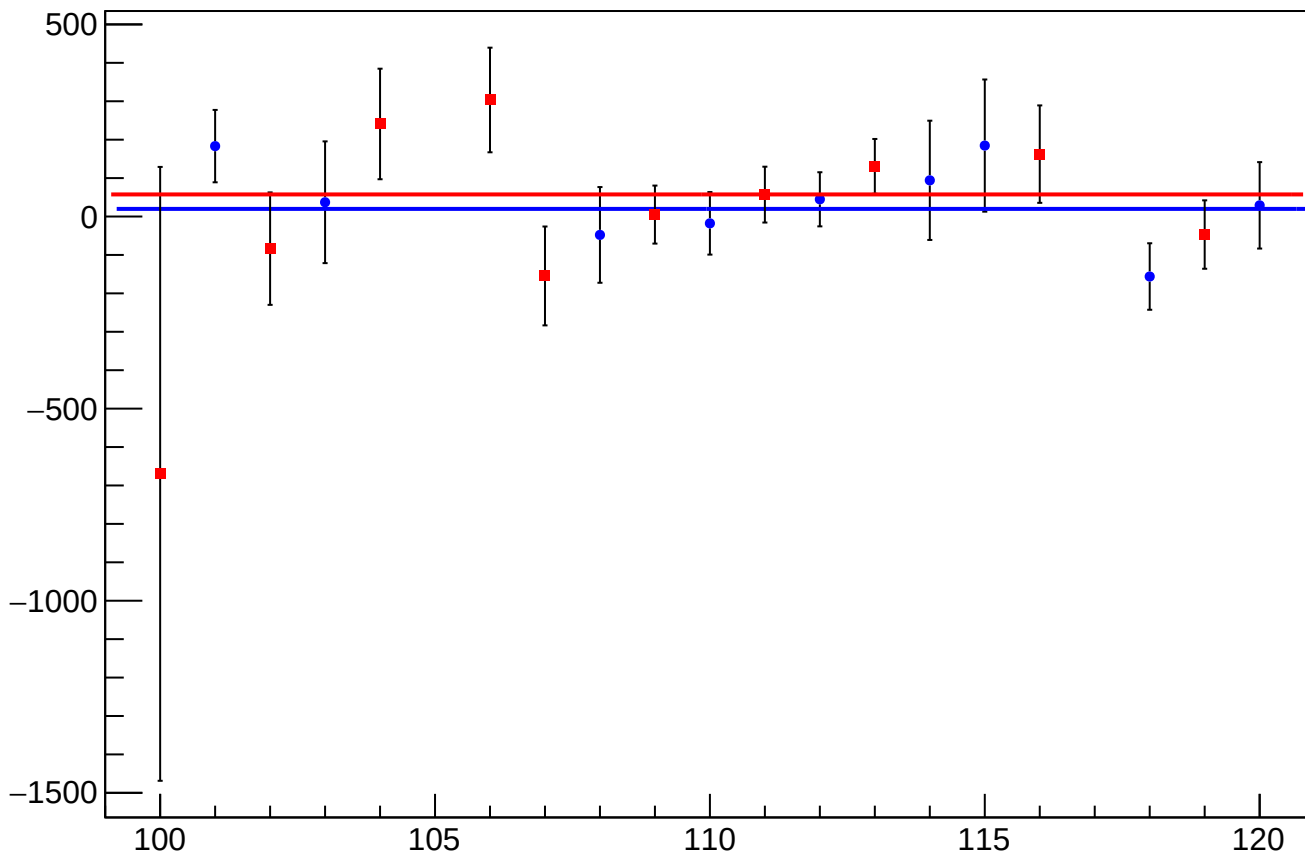
Right: 510.078+/-0.133 χ^2/NDF : 662001.9/18

In: 517.378+/-0.196 χ^2/NDF :334355.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 510.078+/-0.133 χ^2/NDF : 662001.9/18

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 19.839+/-34.152 χ^2/NDF : 8.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.503+/-32.261 χ^2/NDF : 13.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

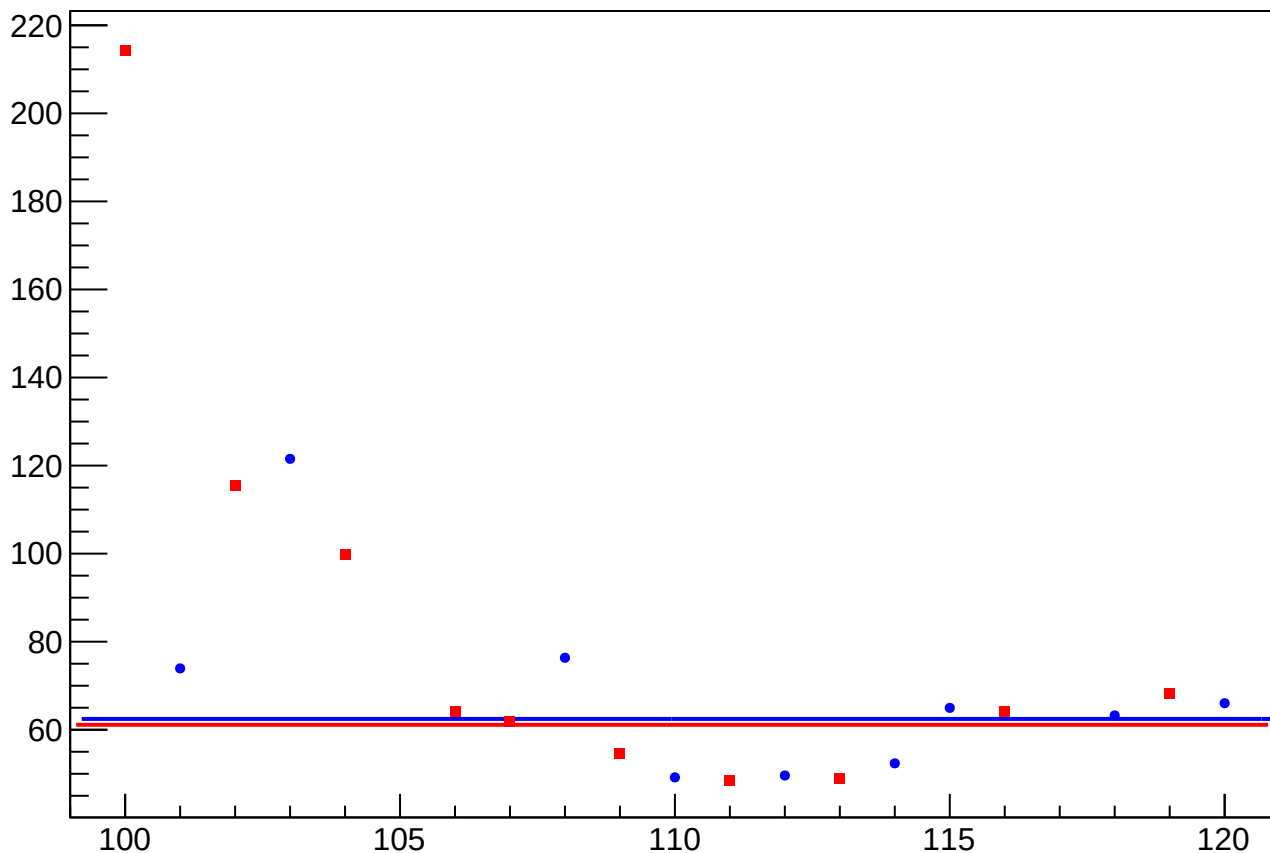
Right: 39.742+/-23.452 χ^2/NDF : 22.5/18

In: 19.839+/-34.152 χ^2/NDF : 8.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.742+/-23.452 χ^2/NDF : 22.5/18

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 62.461+/-0.024 χ^2/NDF : 463418.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.128+/-0.023 χ^2/NDF : 644035.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

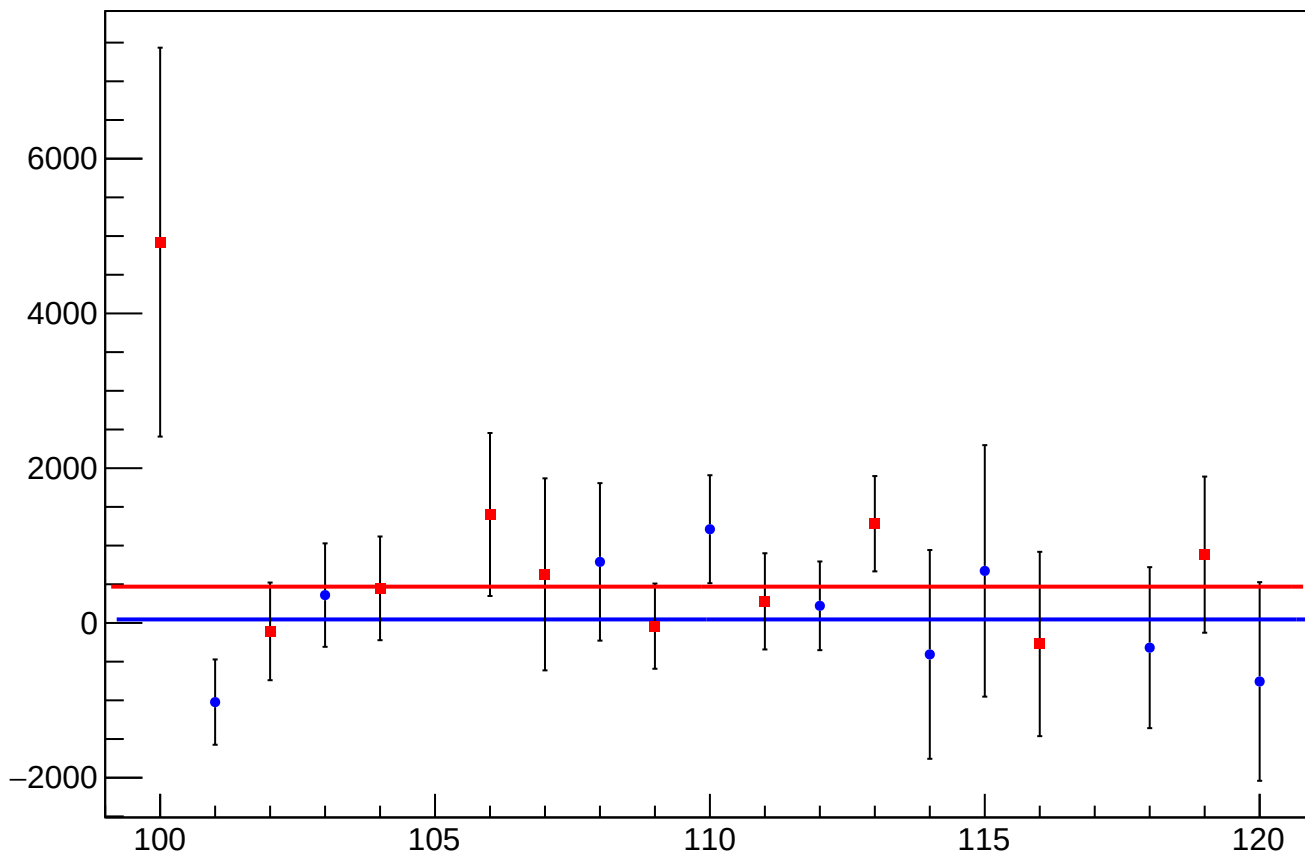
Right: 61.757+/-0.017 χ^2/NDF : 1109062.8/18

In: 62.461+/-0.024 χ^2/NDF : 463418.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.757+/-0.017 χ^2/NDF : 1109062.8/18

asym_sam_1357_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 45.614+/-266.762 χ^2/NDF : 8.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 469.244+/-245.013 χ^2/NDF : 8.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

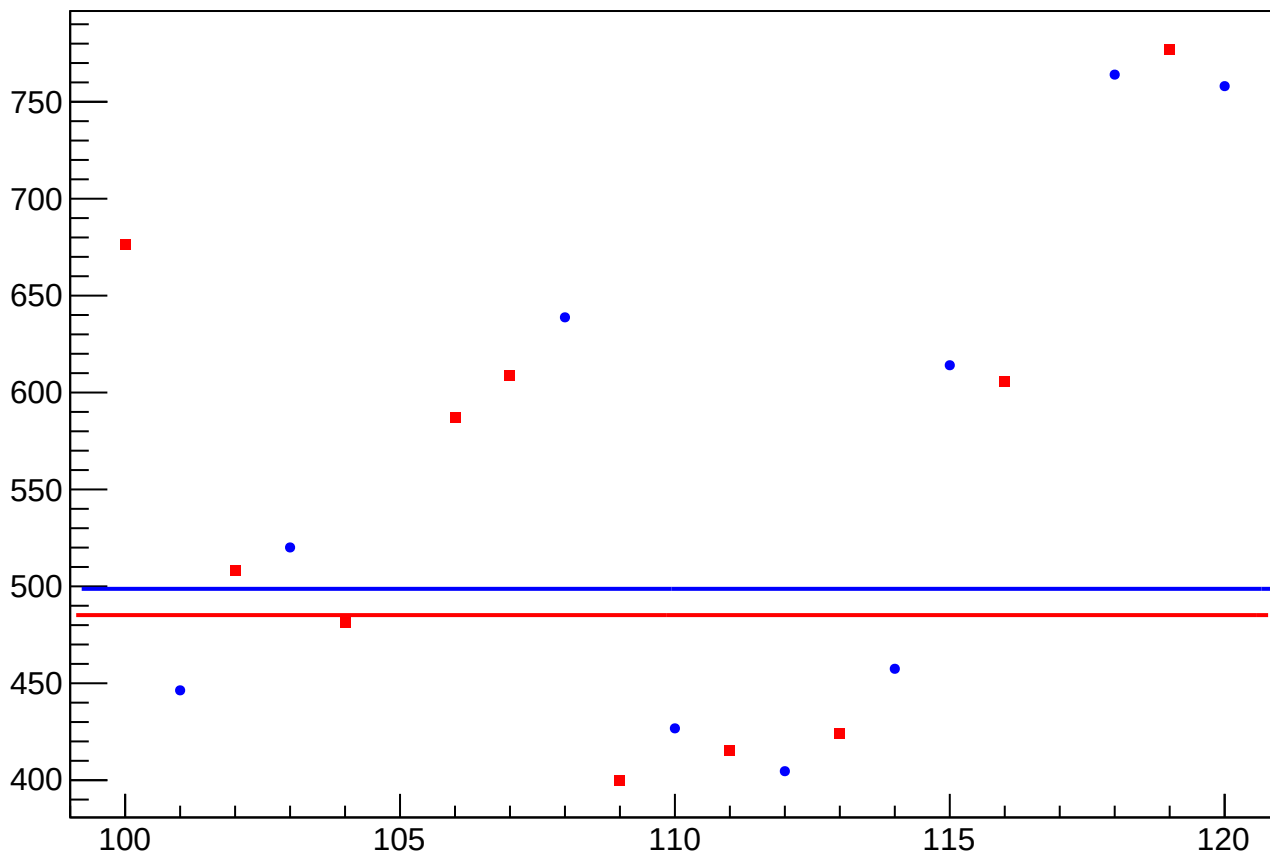
Right: 275.400+/-180.450 χ^2/NDF : 17.6/18

In: 45.614+/-266.762 χ^2/NDF : 8.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 275.400+/-180.450 χ^2/NDF : 17.6/18

asym_sam_1357_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 498.722+/-0.189 χ^2/NDF : 356853.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 485.171+/-0.173 χ^2/NDF : 333889.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

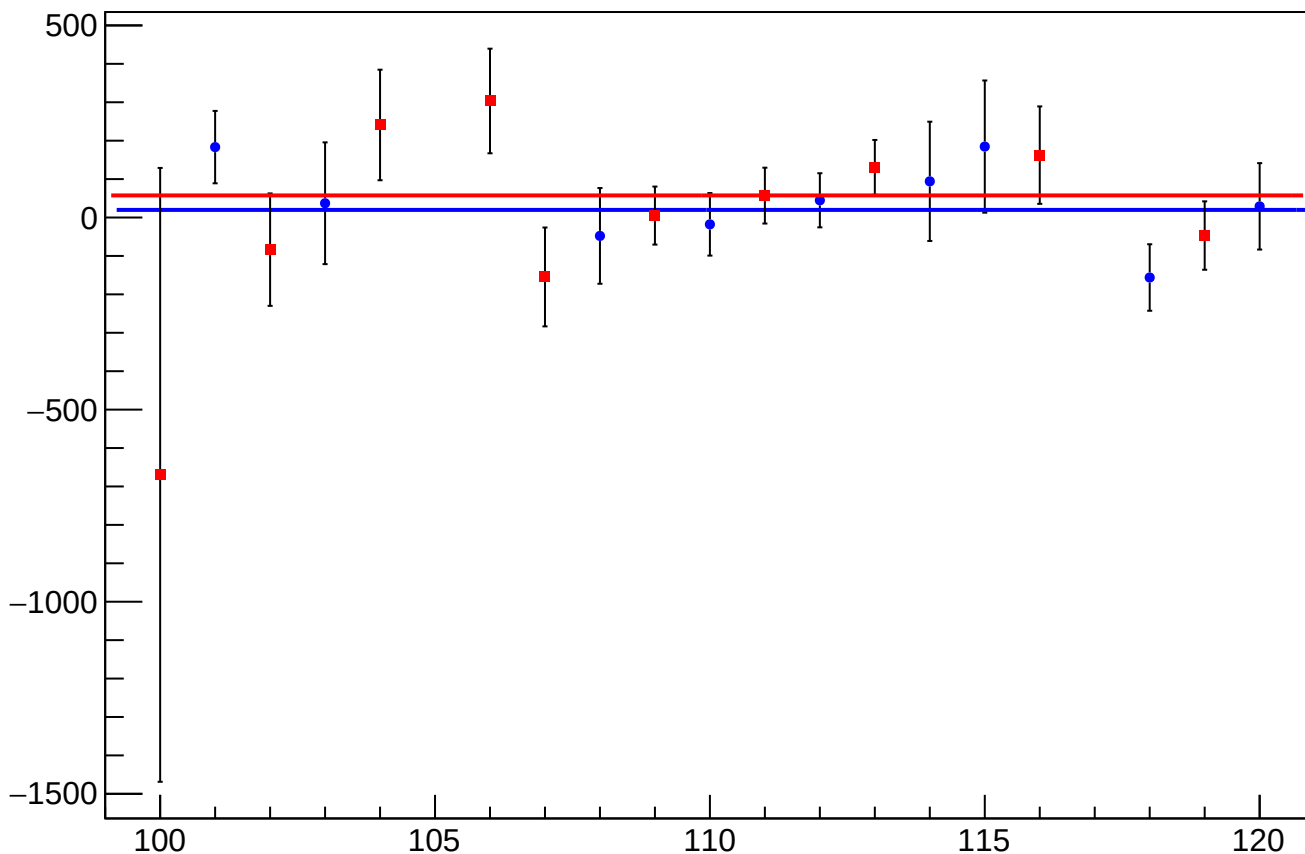
Right: 491.372+/-0.128 χ^2/NDF : 693542.2/18

In: 498.722+/-0.189 χ^2/NDF : 356853.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 491.372+/-0.128 χ^2/NDF : 693542.2/18

eigen_dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 19.838+/-34.152 χ^2/NDF : 8.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.502+/-32.261 χ^2/NDF : 13.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

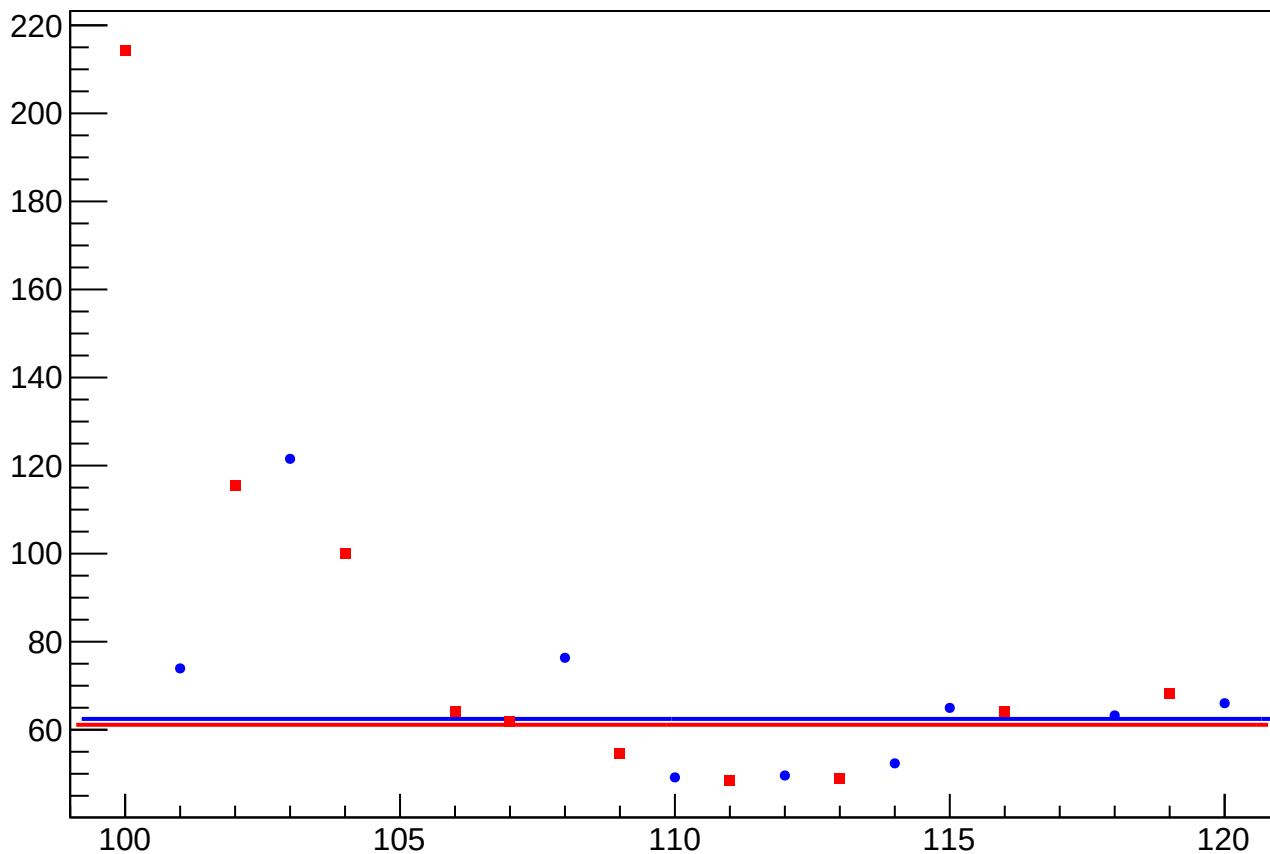
Right: 39.741+/-23.452 χ^2/NDF : 22.5/18

In: 19.838+/-34.152 χ^2/NDF : 8.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.741+/-23.452 χ^2/NDF : 22.5/18

eigen_dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 62.461+/-0.024 χ^2/NDF : 463417.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.128+/-0.023 χ^2/NDF : 644033.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

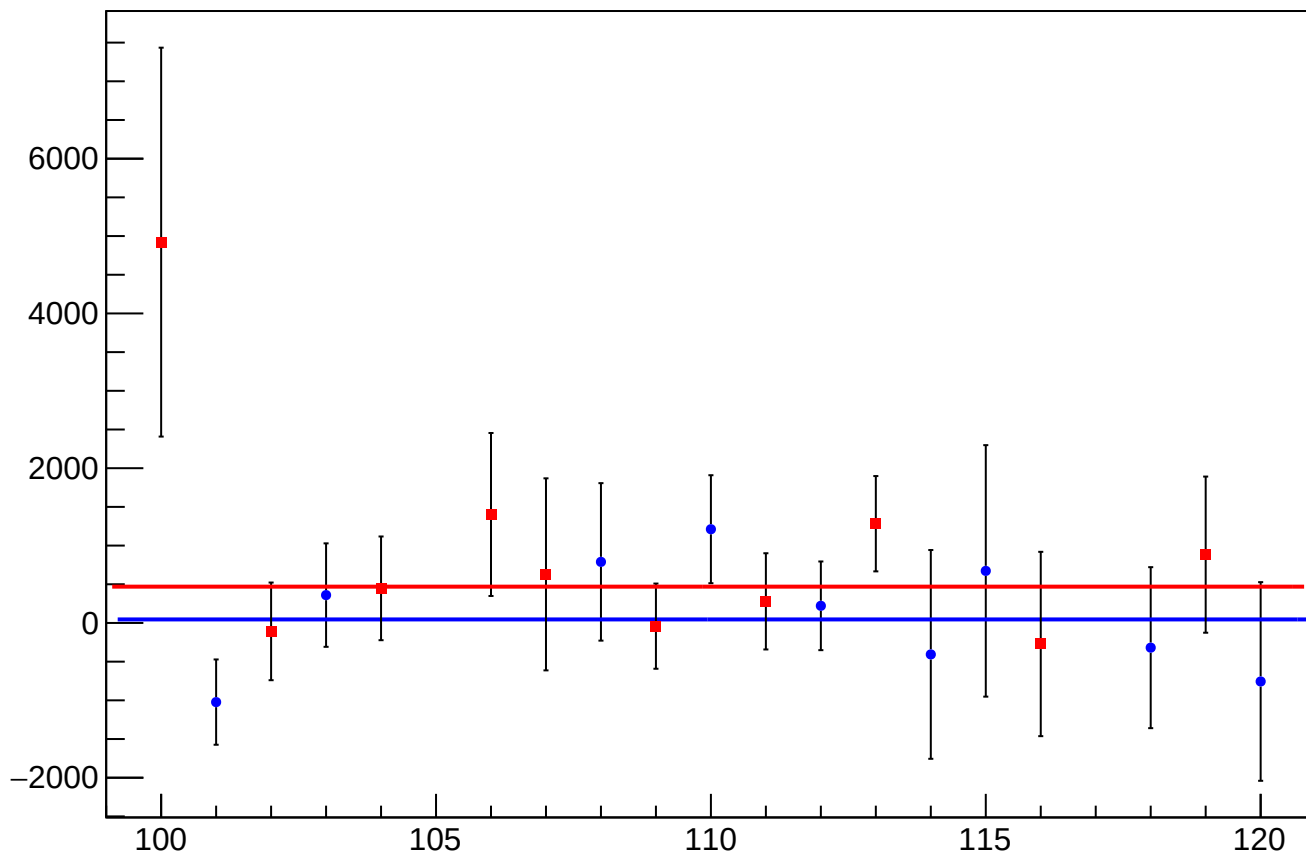
Right: 61.757+/-0.017 χ^2/NDF : 1109060.7/18

In: 62.461+/-0.024 χ^2/NDF : 463417.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.757+/-0.017 χ^2/NDF : 1109060.7/18

asym_sam_1357_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 45.613+/-266.762 χ^2/NDF : 8.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 469.243+/-245.013 χ^2/NDF : 8.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

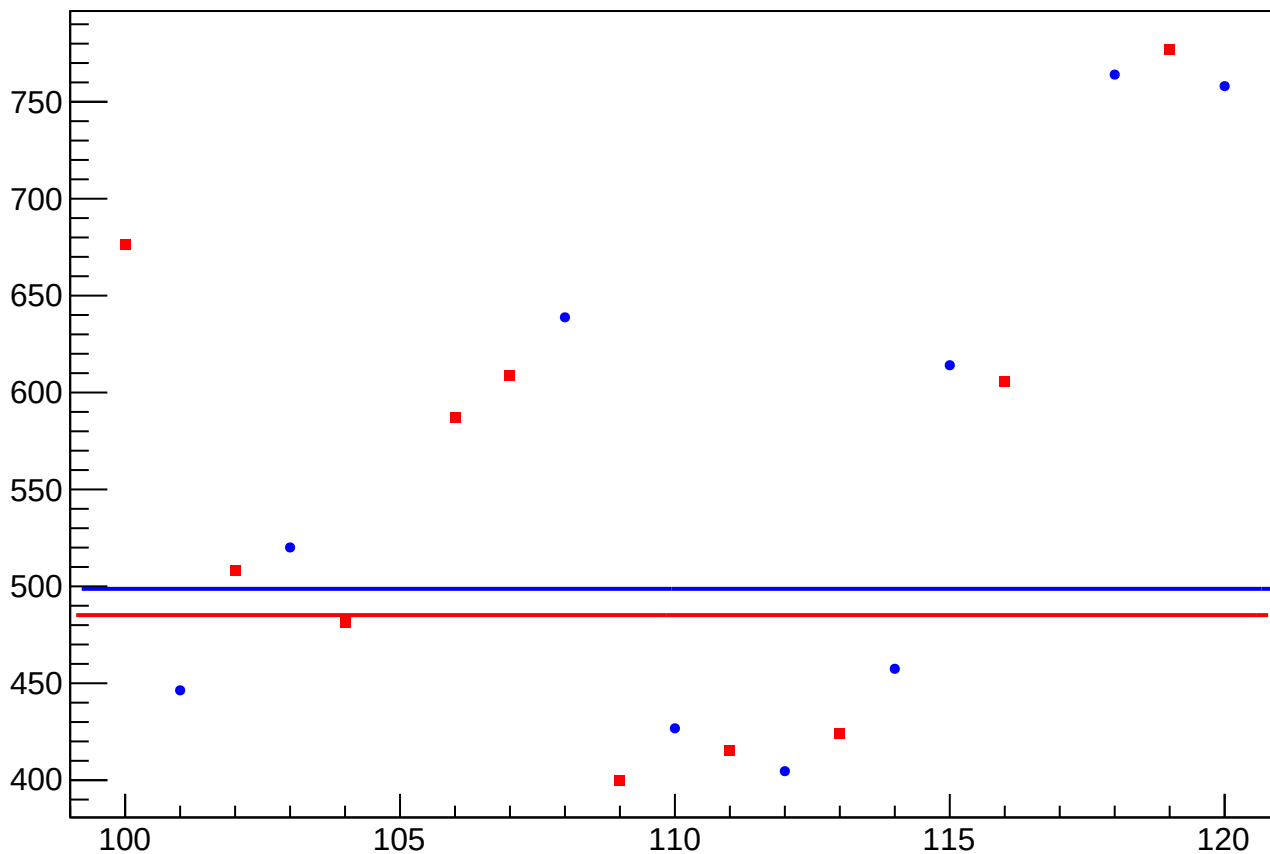
Right: 275.399+/-180.450 χ^2/NDF : 17.6/18

In: 45.613+/-266.762 χ^2/NDF : 8.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 275.399+/-180.450 χ^2/NDF : 17.6/18

asym_sam_1357_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 498.720+/-0.189 χ^2/NDF : 356857.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 485.170+/-0.173 χ^2/NDF : 333892.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

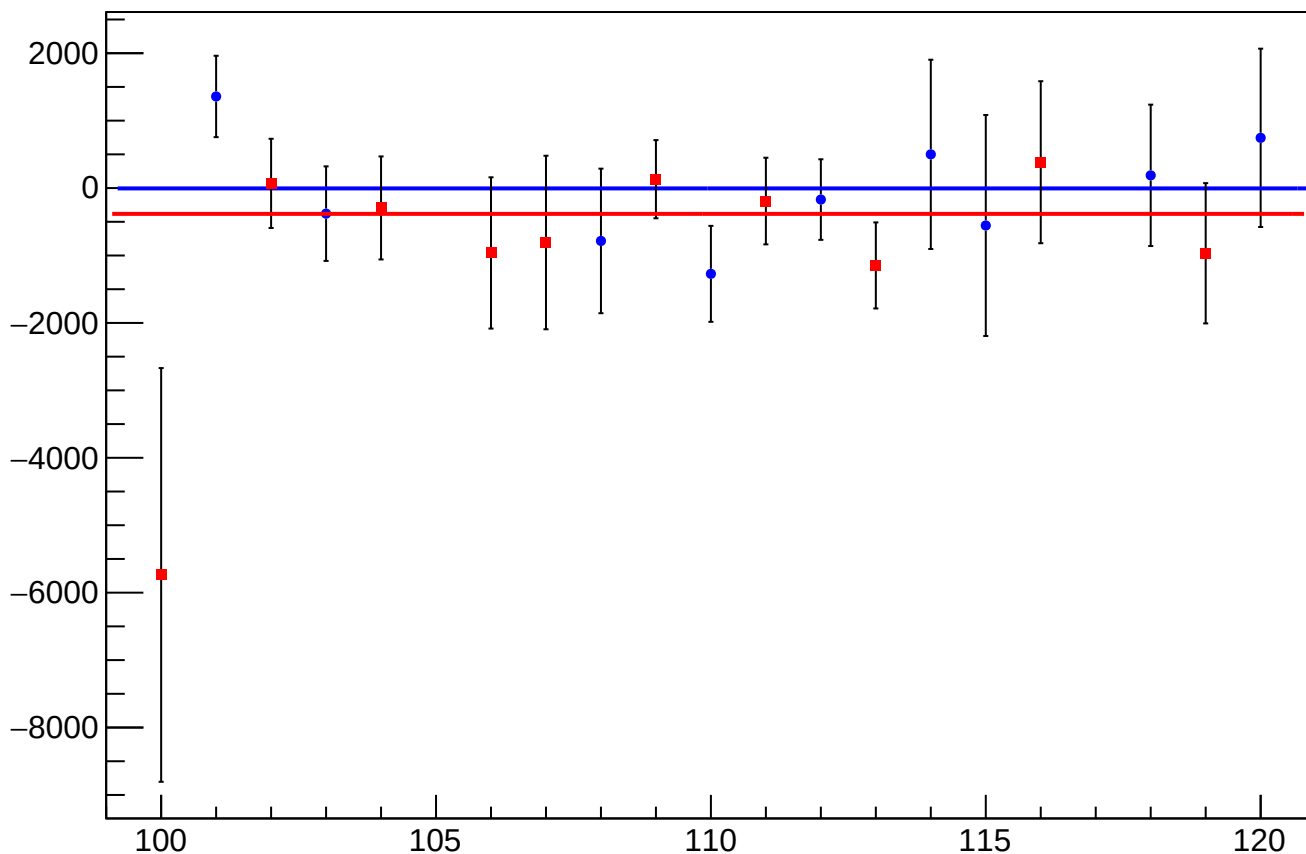
Right: 491.370+/-0.128 χ^2/NDF : 693548.7/18

In: 498.720+/-0.189 χ^2/NDF : 356857.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 491.370+/-0.128 χ^2/NDF : 693548.7/18

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -5.002 $\pm$ 279.585 χ^2 /NDF: 9.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -382.421 $\pm$ 258.404 χ^2 /NDF: 6.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

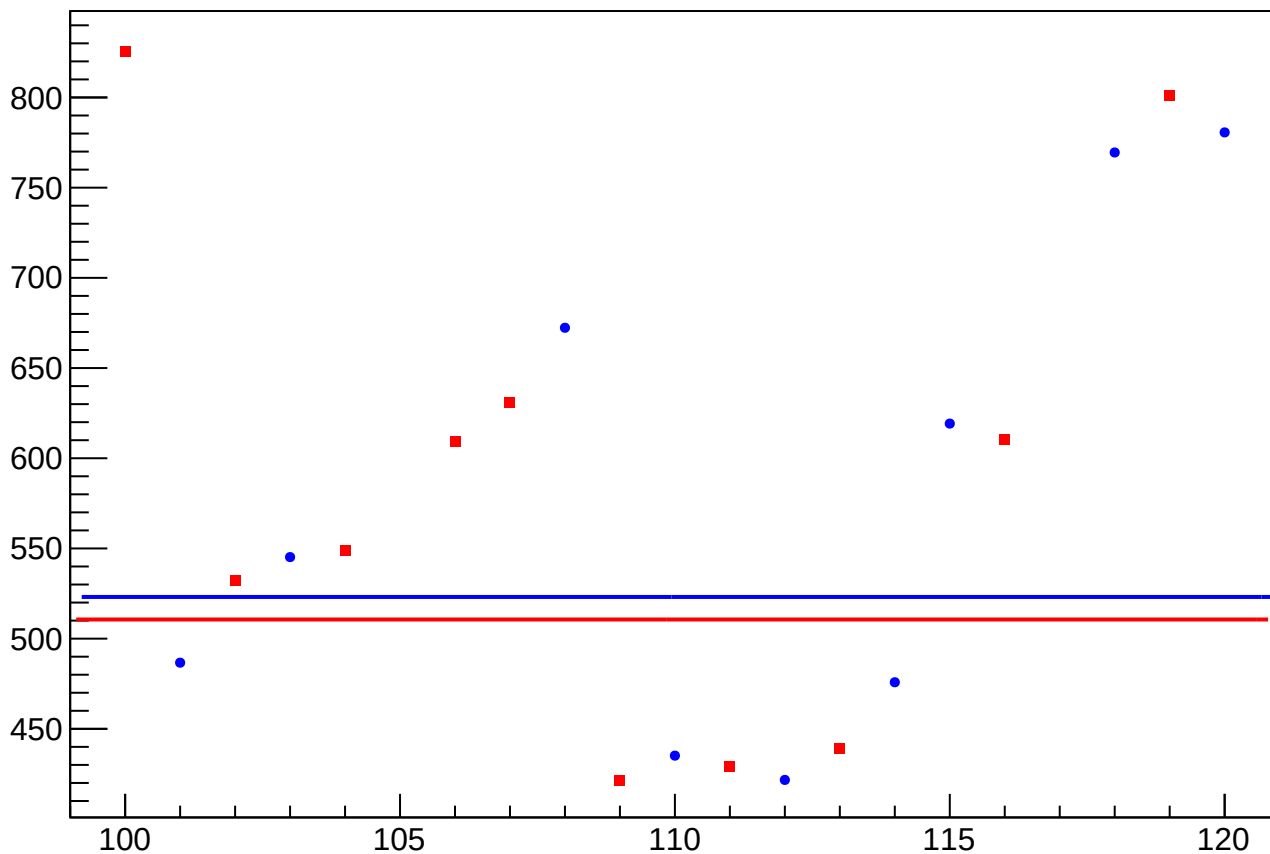
Right: -208.548 $\pm$ 189.766 χ^2 /NDF: 17.7/18

In: -5.002 $\pm$ 279.585 χ^2 /NDF:9.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -208.548 $\pm$ 189.766 χ^2 /NDF: 17.7/18

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 523.107+/-0.198 χ^2/NDF : 331712.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 510.616+/-0.183 χ^2/NDF : 335920.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

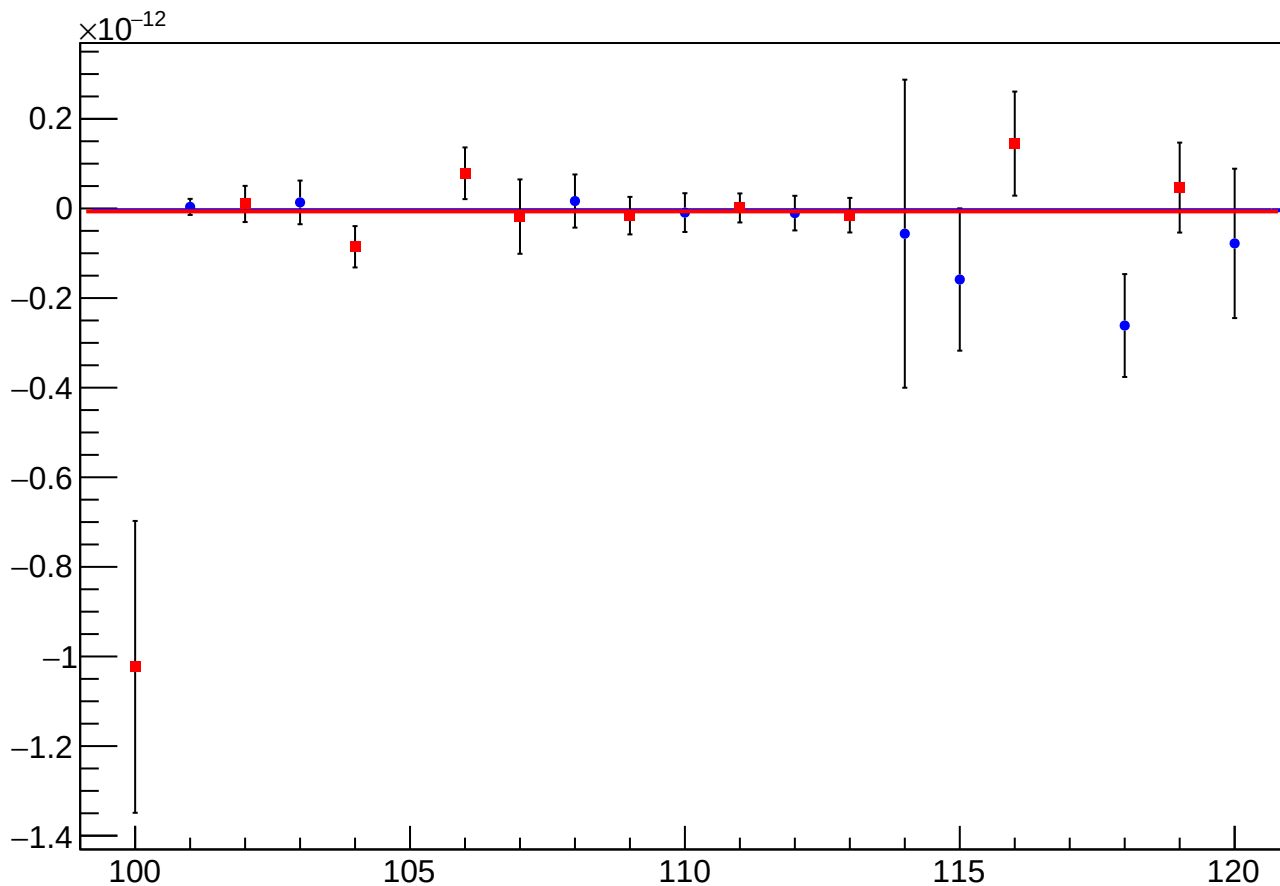
Right: 516.371+/-0.134 χ^2/NDF : 669785.9/18

In: 523.107+/-0.198 χ^2/NDF : 331712.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 516.371+/-0.134 χ^2/NDF : 669785.9/18

asym_sam_1357_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

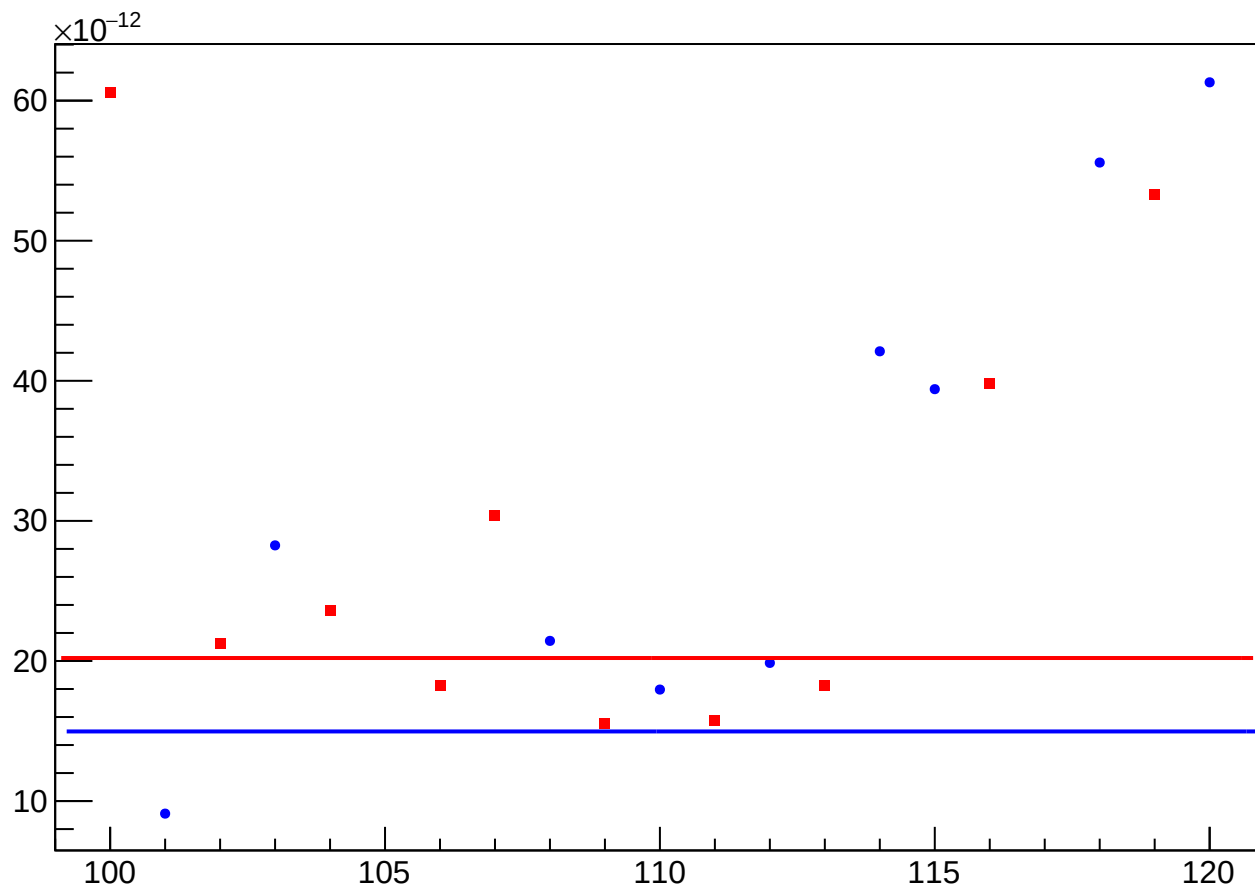
Right: -0.000+/-0.000 χ^2/NDF : 23.8/18

In: -0.000+/-0.000 χ^2/NDF :6.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.8/18

asym_sam_1357_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 892652.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 417027.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

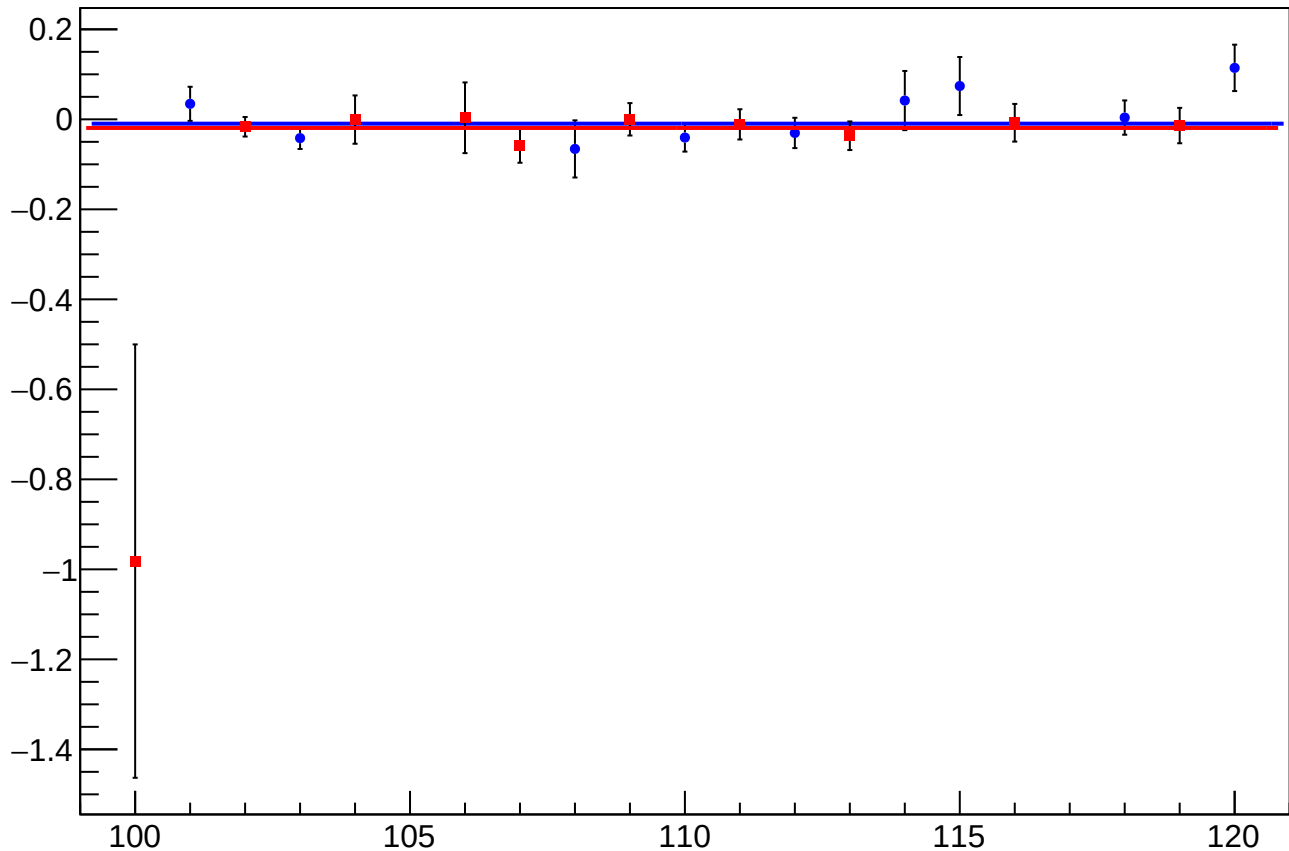
Right: 0.000+/-0.000 χ^2/NDF : 1432054.7/18

In: 0.000+/-0.000 χ^2/NDF : 892652.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1432054.7/18

asym_sam_1357_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010+/-0.013 χ^2/NDF : 13.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.019+/-0.012 χ^2/NDF : 6.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

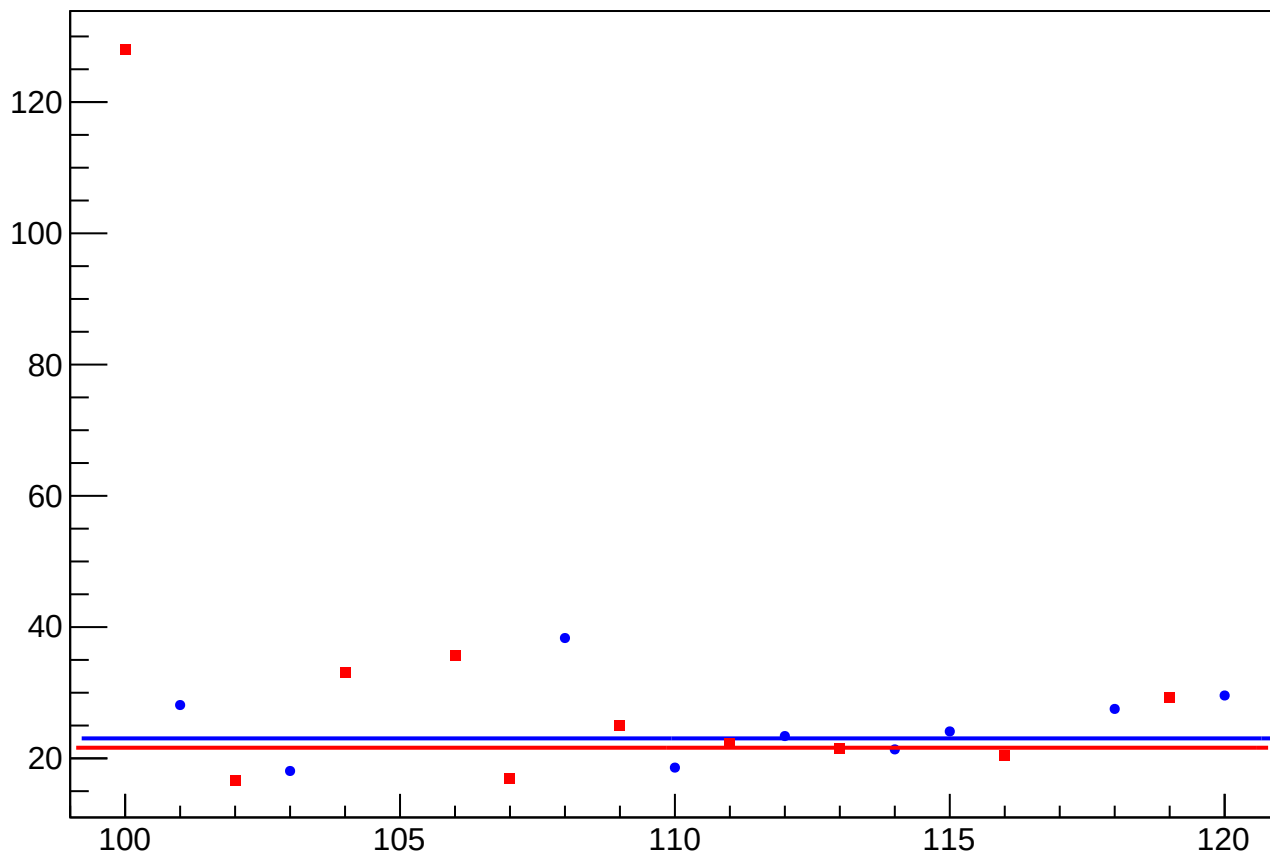
Right: -0.015+/-0.009 χ^2/NDF : 19.7/18

In: -0.010+/-0.013 χ^2/NDF : 13.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.015+/-0.009 χ^2/NDF : 19.7/18

asym_sam_1357_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.043+/-0.009 χ^2/NDF : 338911.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.620+/-0.008 χ^2/NDF : 485417.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

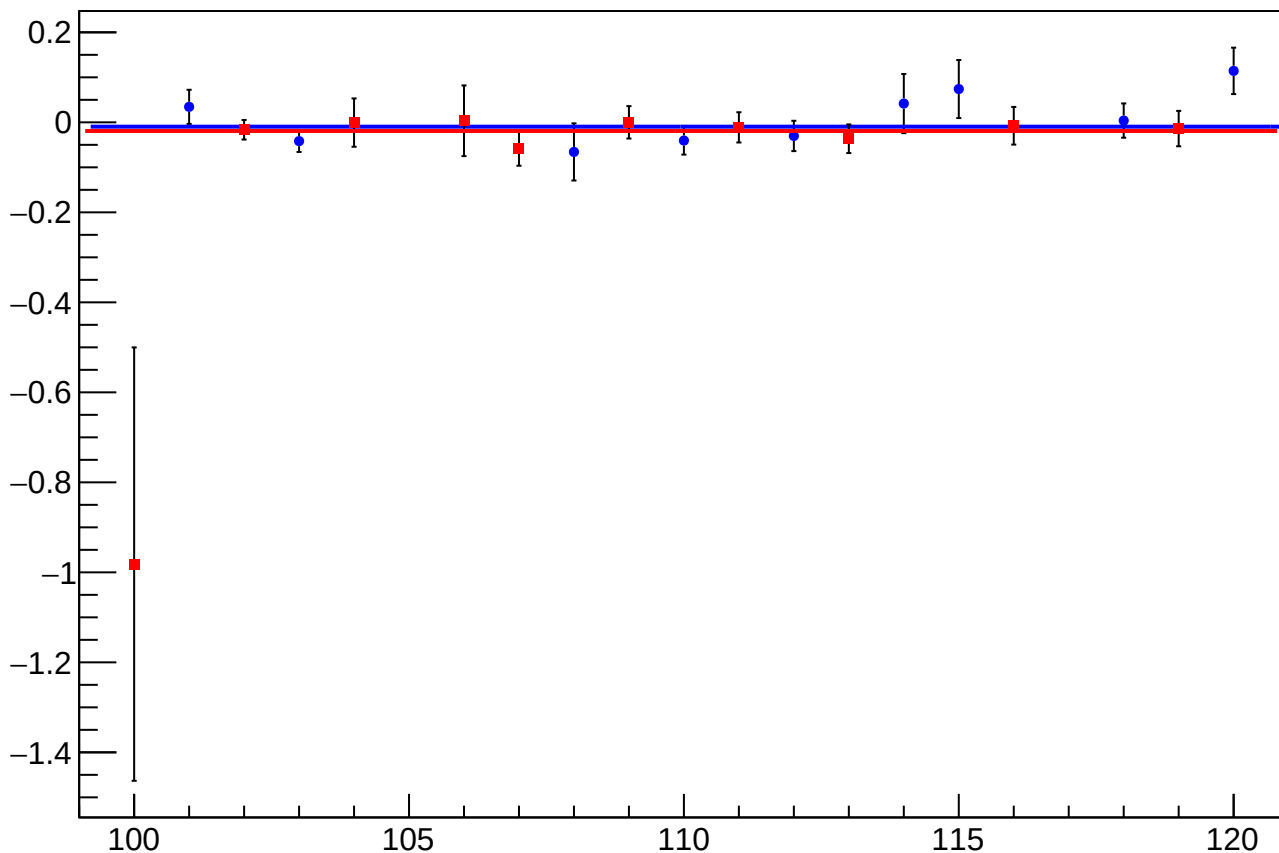
Right: 22.273+/-0.006 χ^2/NDF : 837682.8/18

In: 23.043+/-0.009 χ^2/NDF : 338911.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.273+/-0.006 χ^2/NDF : 837682.8/18

asym_sam_1357_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.013 χ^2 /NDF: 13.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.019 $\pm$ 0.012 χ^2 /NDF: 6.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

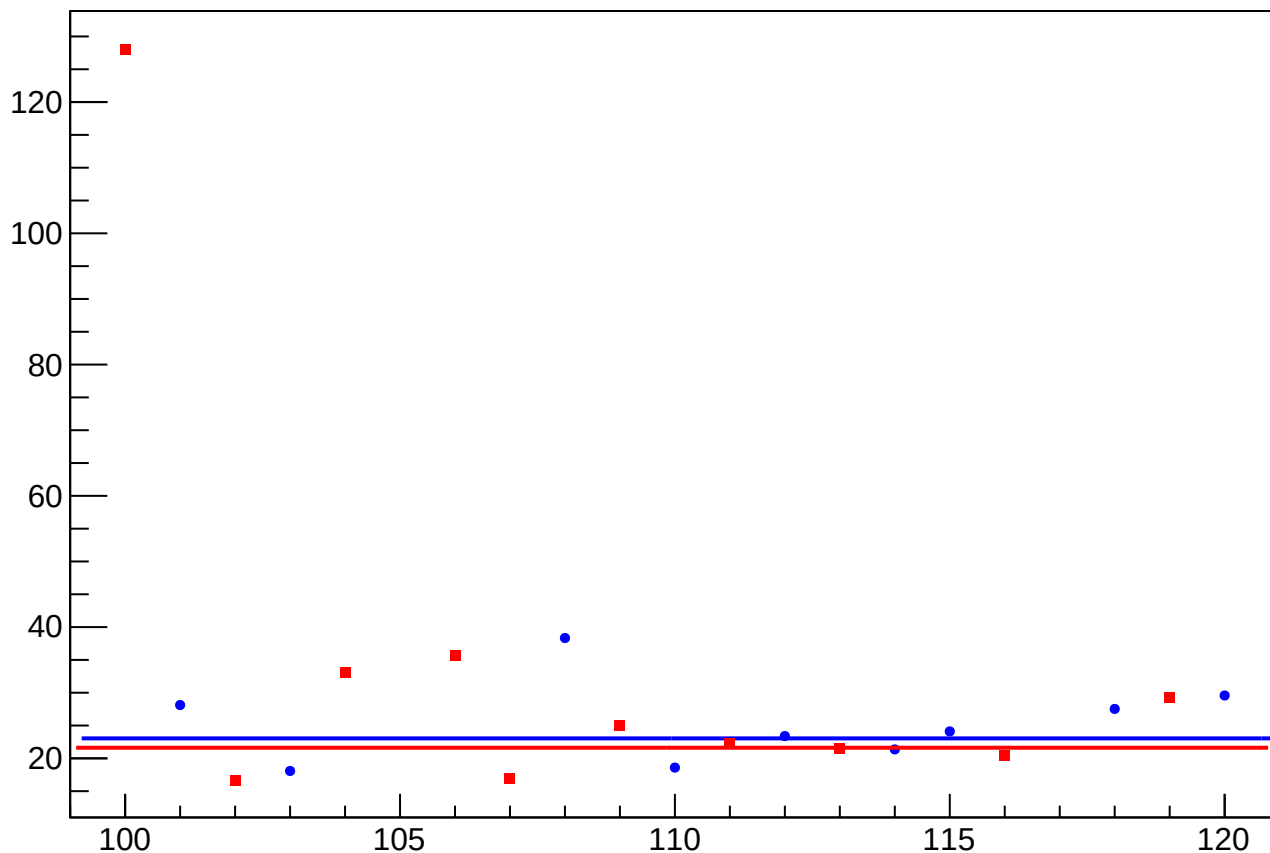
Right: -0.015 $\pm$ 0.009 χ^2 /NDF: 19.7/18

In: -0.010 $\pm$ 0.013 χ^2 /NDF:13.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.015 $\pm$ 0.009 χ^2 /NDF: 19.7/18

asym_sam_1357_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.043+/-0.009 χ^2/NDF : 338911.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.620+/-0.008 χ^2/NDF : 485417.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

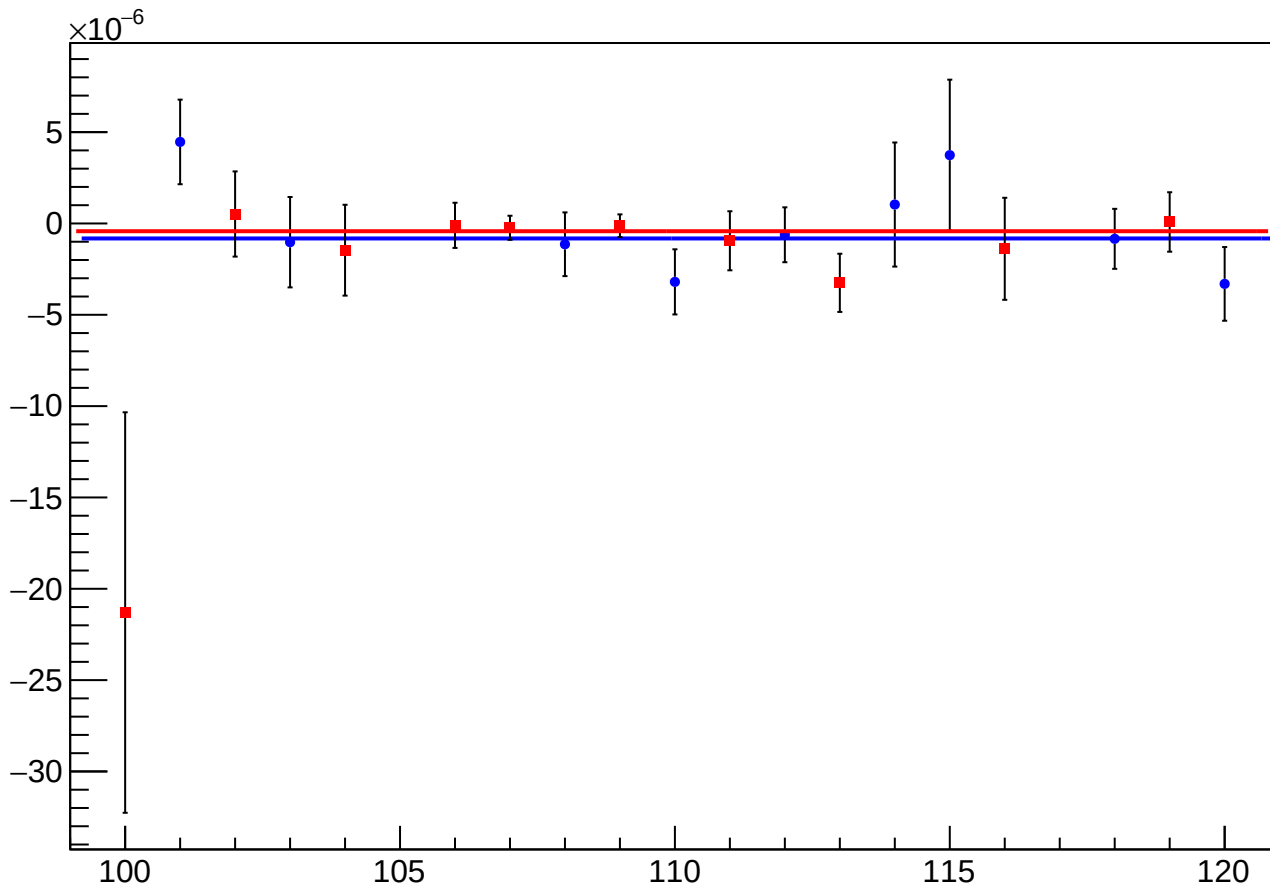
Right: 22.273+/-0.006 χ^2/NDF : 837682.8/18

In: 23.043+/-0.009 χ^2/NDF : 338911.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.273+/-0.006 χ^2/NDF : 837682.8/18

asym_sam_1357_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

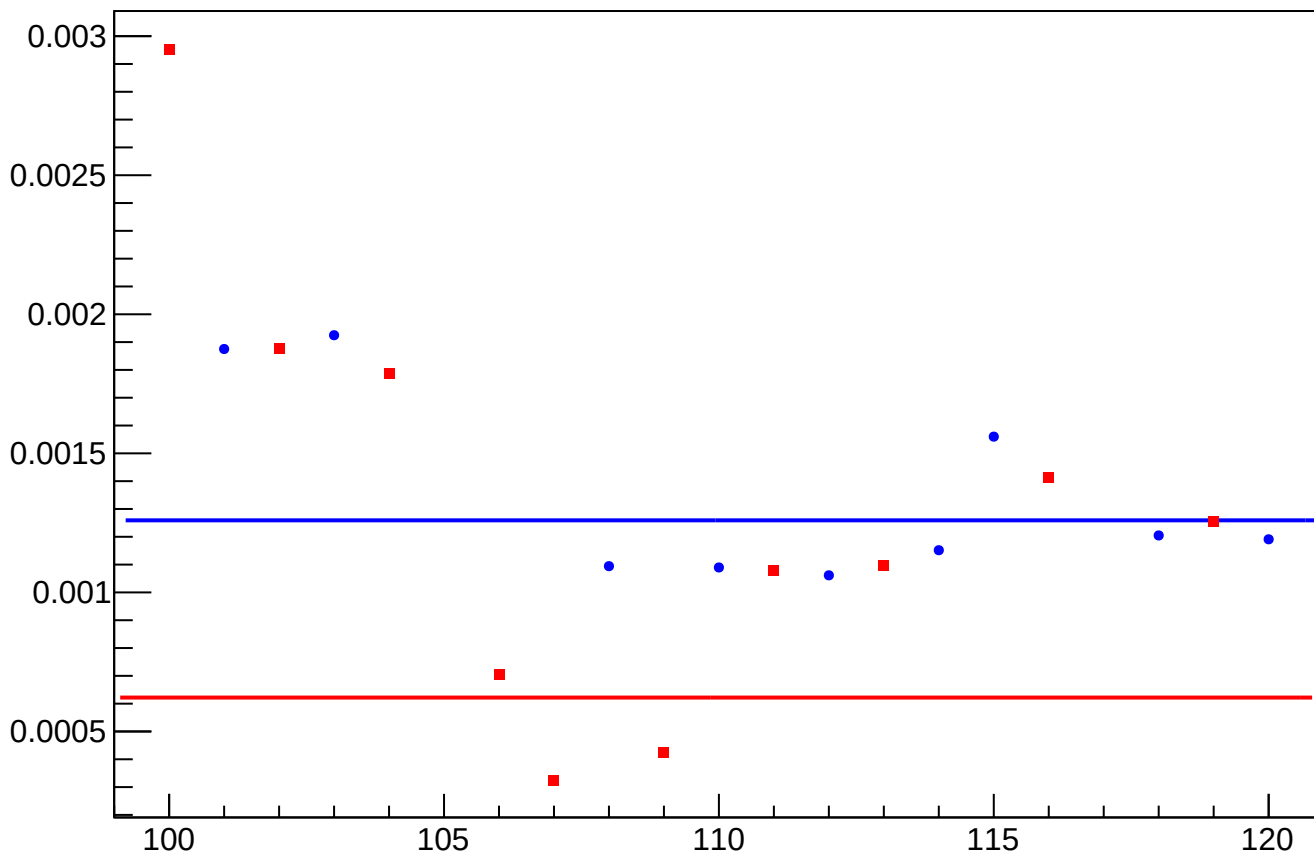
Right: -0.000+/-0.000 χ^2/NDF : 18.2/18

In: -0.000+/-0.000 χ^2/NDF : 10.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.2/18

asym_sam_1357_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 373875.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2529592.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

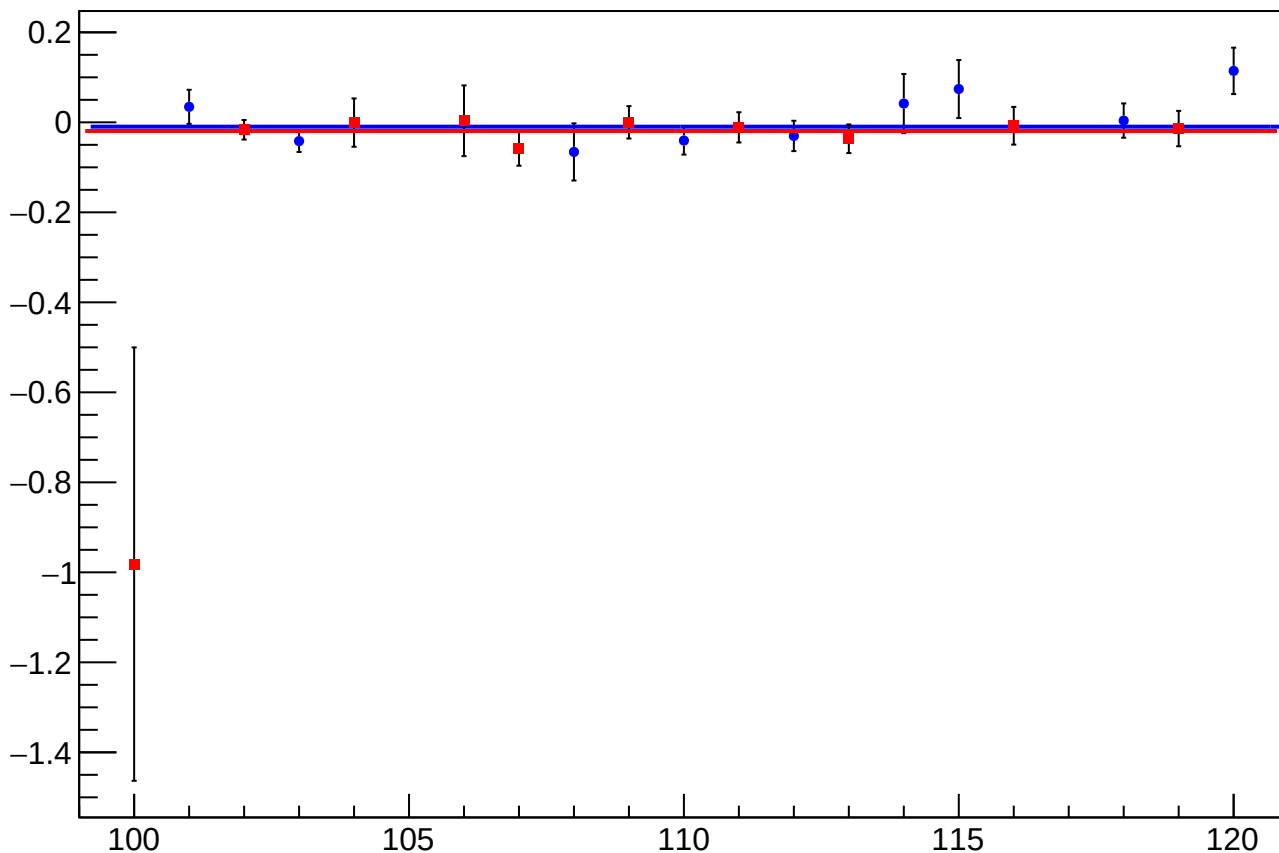
Right: 0.001+/-0.000 χ^2/NDF : 4269964.1/18

In: 0.001+/-0.000 χ^2/NDF : 373875.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4269964.1/18

asym_sam_1357_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.013 χ^2 /NDF: 13.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.019 $\pm$ 0.012 χ^2 /NDF: 6.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

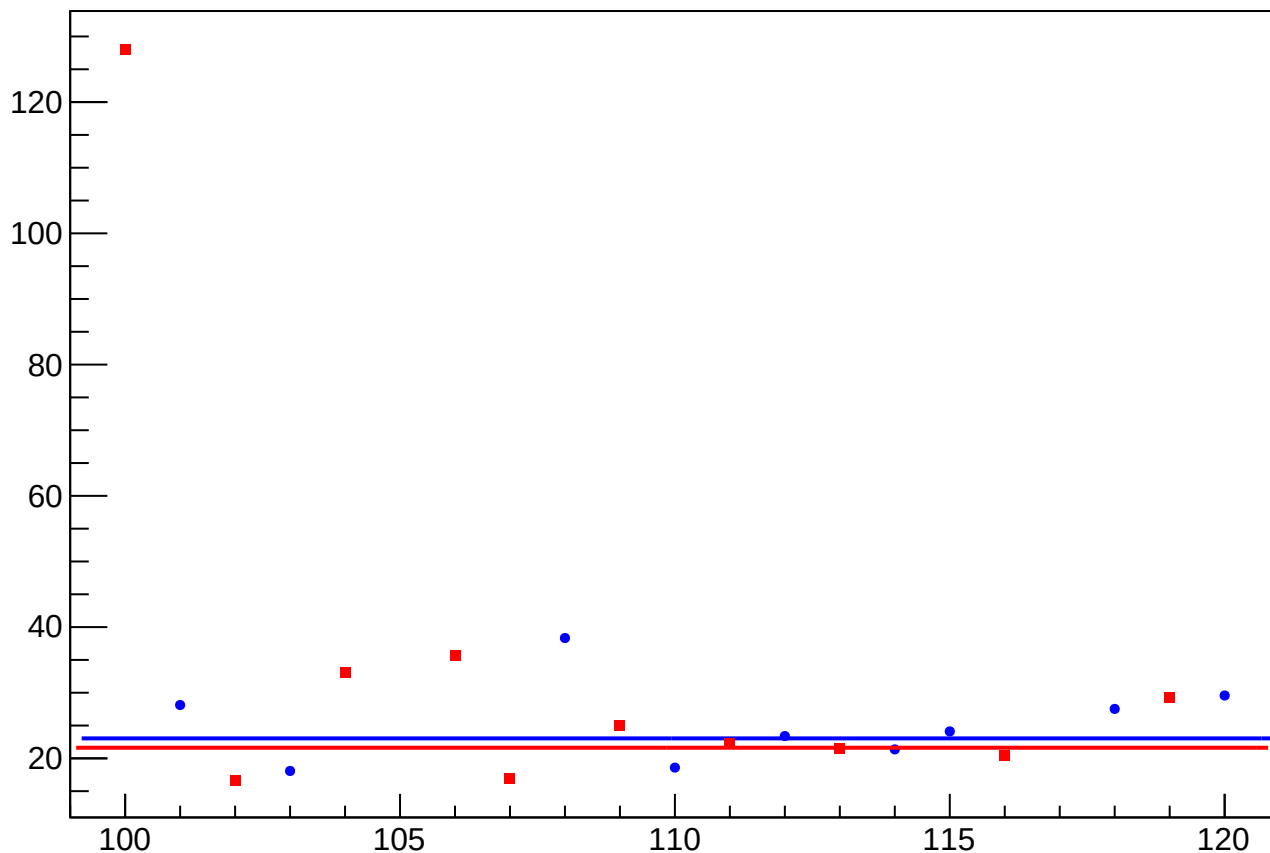
Right: -0.015 $\pm$ 0.009 χ^2 /NDF: 19.7/18

In: -0.010 $\pm$ 0.013 χ^2 /NDF:13.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.015 $\pm$ 0.009 χ^2 /NDF: 19.7/18

asym_sam_1357_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.043+/-0.009 χ^2/NDF : 338894.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.620+/-0.008 χ^2/NDF : 485398.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

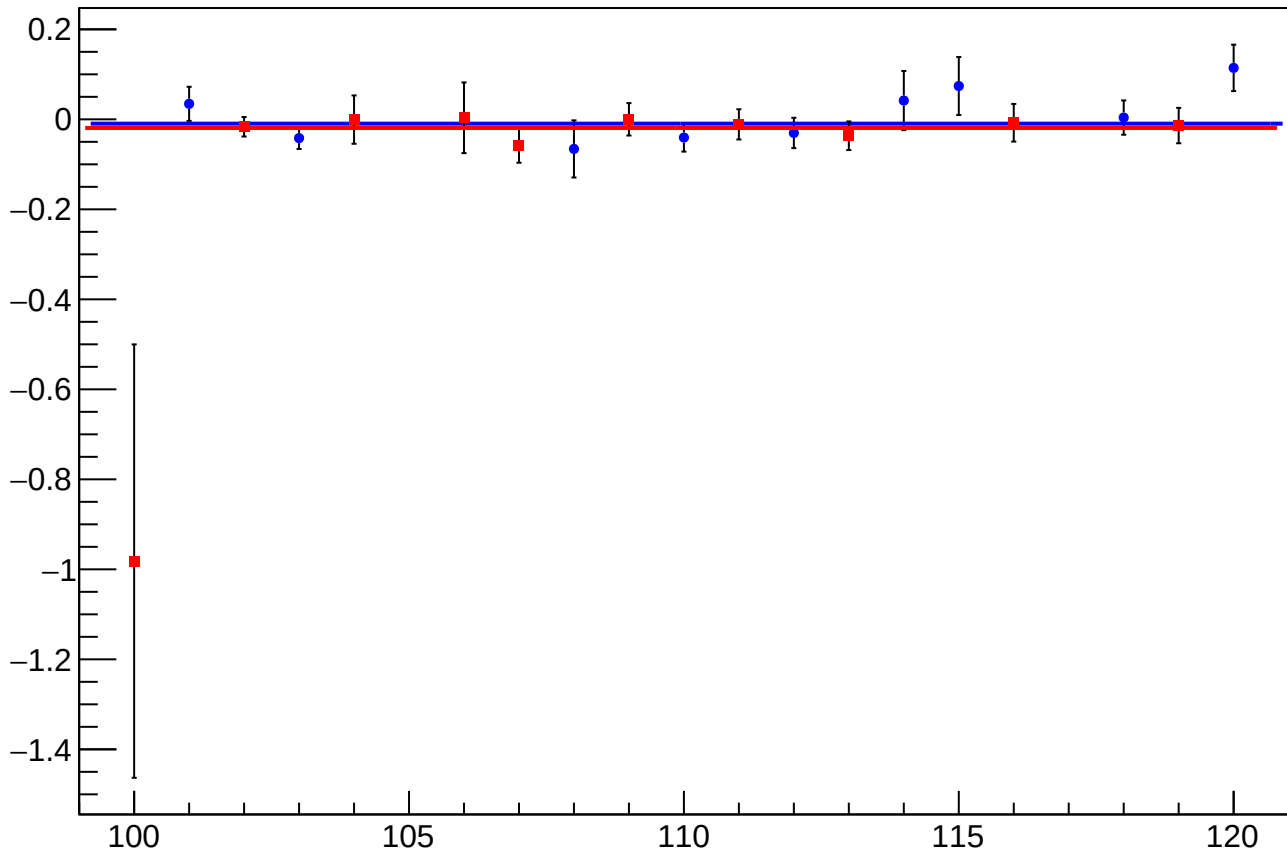
Right: 22.274+/-0.006 χ^2/NDF : 837645.6/18

In: 23.043+/-0.009 χ^2/NDF : 338894.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.274+/-0.006 χ^2/NDF : 837645.6/18

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.013 χ^2 /NDF: 13.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.019 $\pm$ 0.012 χ^2 /NDF: 6.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

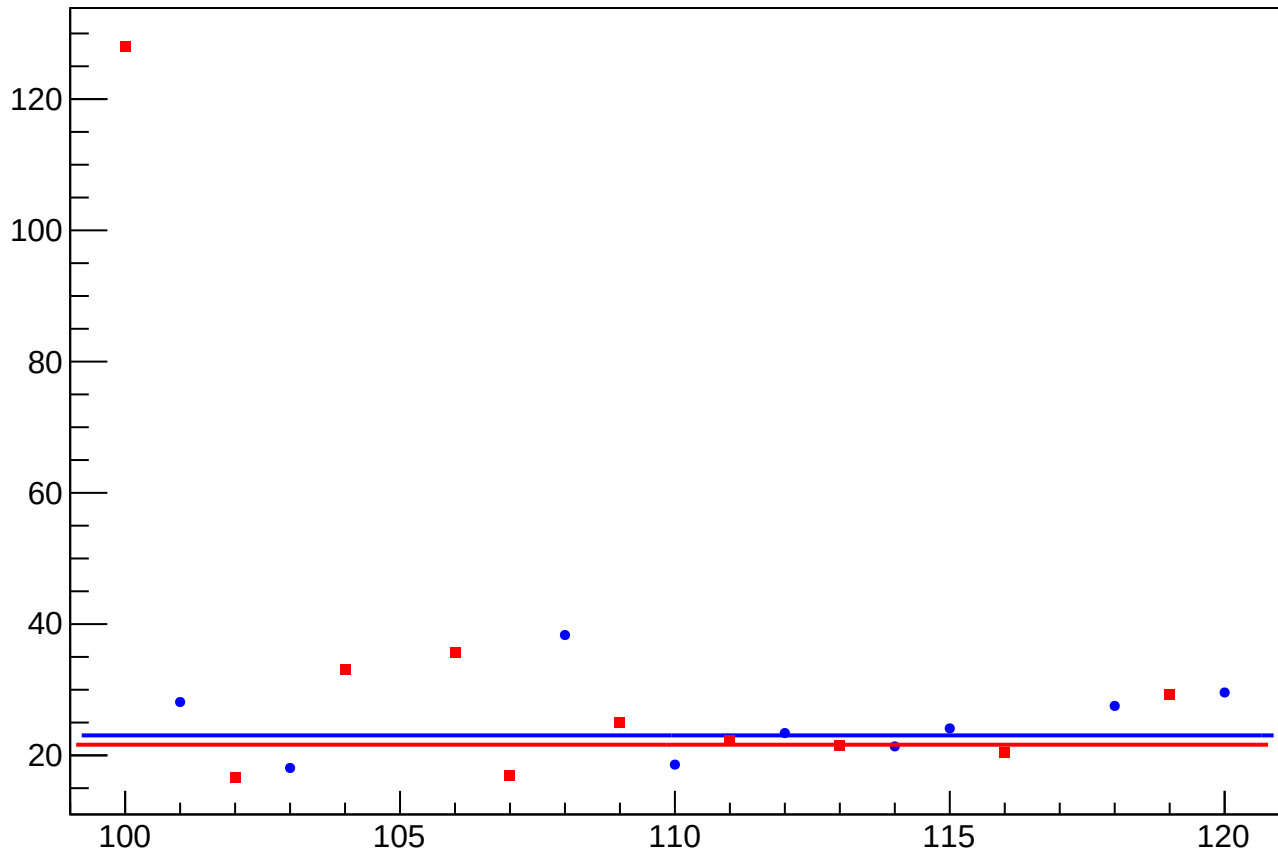
Right: -0.015 $\pm$ 0.009 χ^2 /NDF: 19.7/18

In: -0.010 $\pm$ 0.013 χ^2 /NDF:13.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.015 $\pm$ 0.009 χ^2 /NDF: 19.7/18

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.043+/-0.009 χ^2/NDF : 338894.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.620+/-0.008 χ^2/NDF : 485398.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

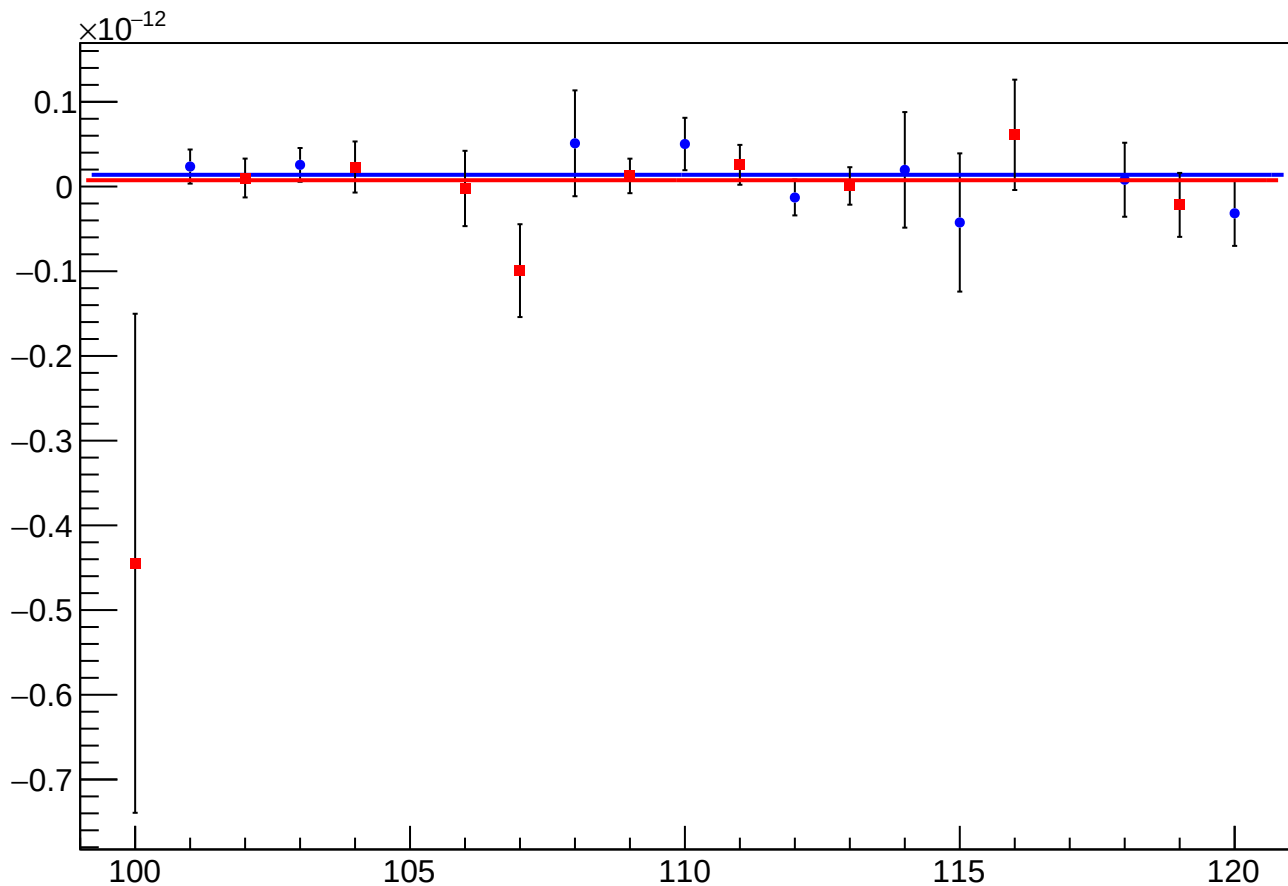
Right: 22.274+/-0.006 χ^2/NDF : 837645.6/18

In: 23.043+/-0.009 χ^2/NDF : 338894.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.274+/-0.006 χ^2/NDF : 837645.6/18

asym_sam_1357_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

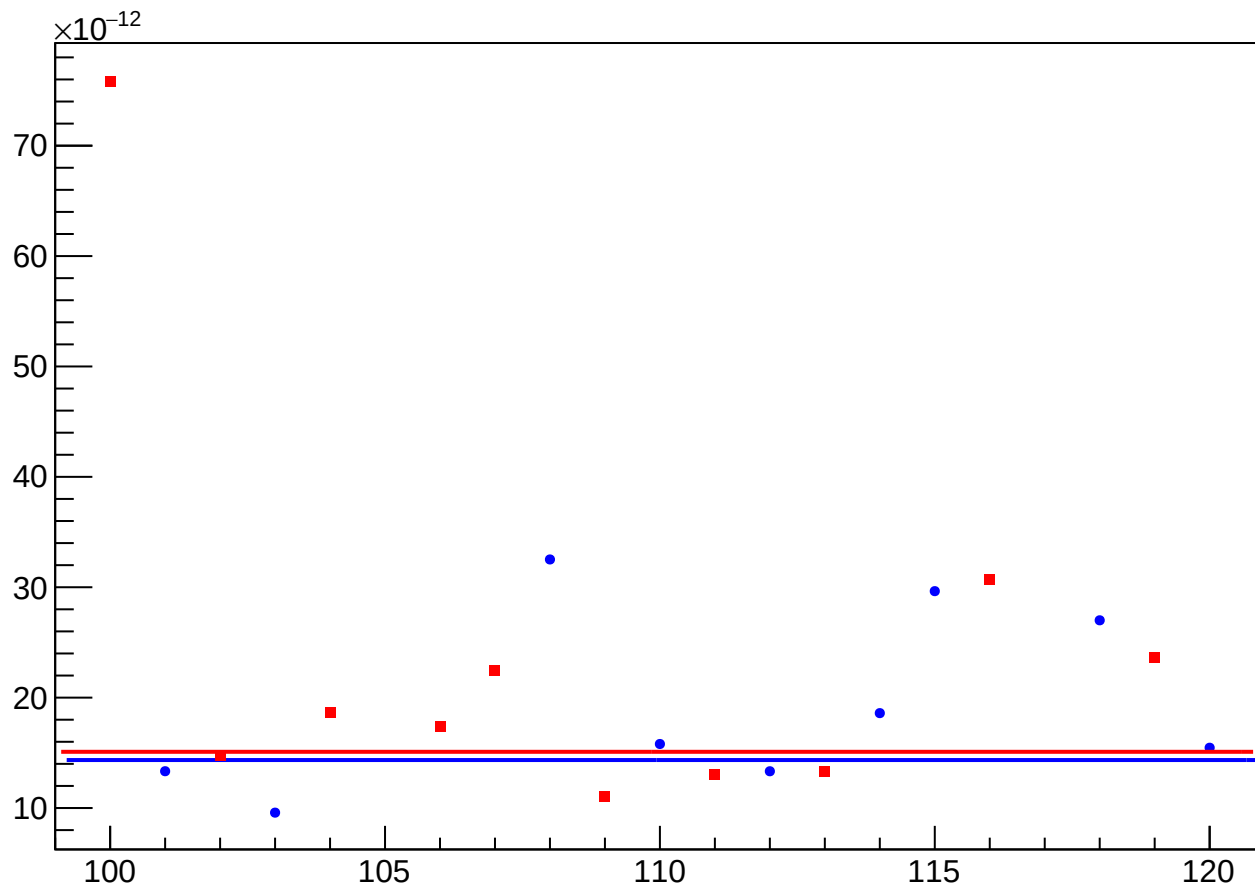
Right: 0.000+/-0.000 χ^2/NDF : 14.5/18

In: 0.000+/-0.000 χ^2/NDF : 5.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.5/18

asym_sam_1357_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 545272.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 478666.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

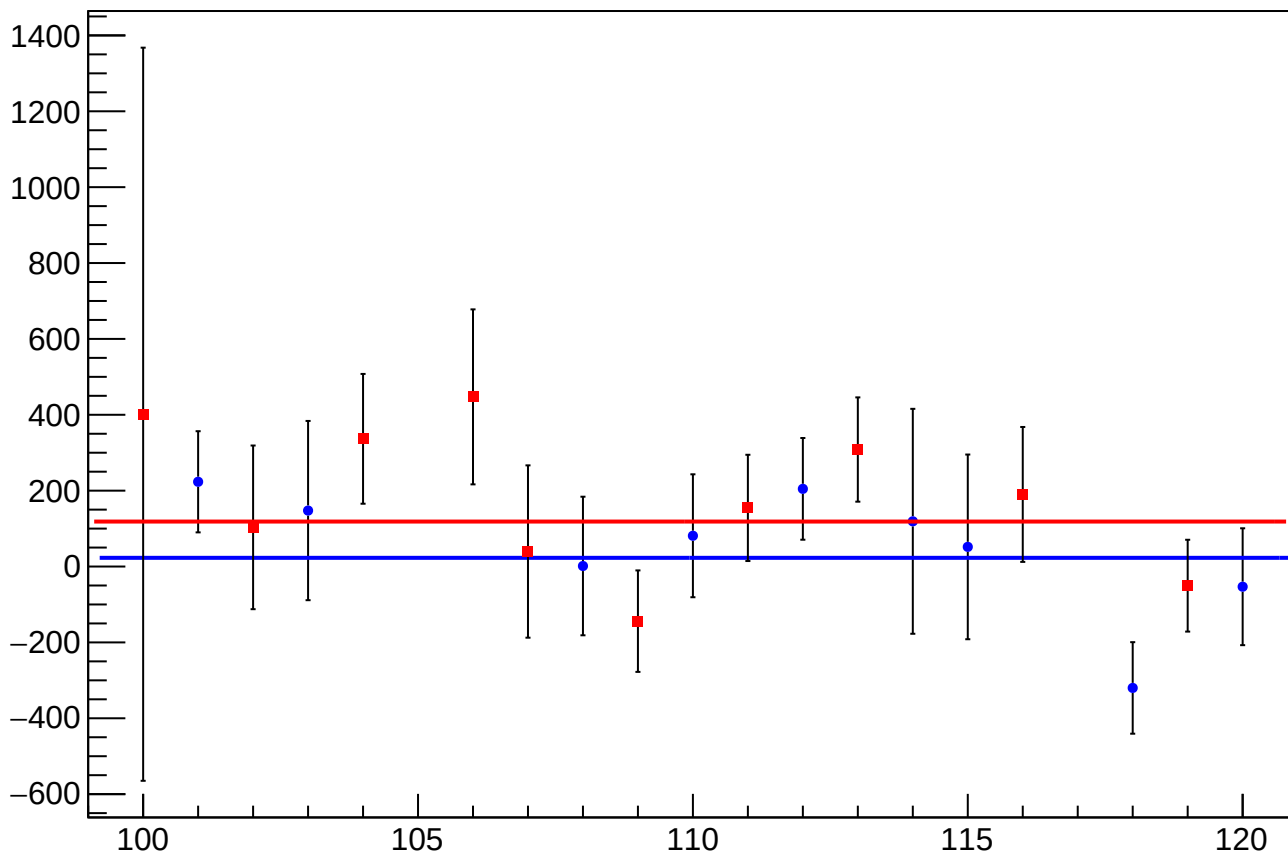
Right: 0.000+/-0.000 χ^2/NDF : 1029817.0/18

In: 0.000+/-0.000 χ^2/NDF : 545272.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1029817.0/18

reg_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 22.947+/-54.475 χ^2/NDF : 13.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.562+/-53.100 χ^2/NDF : 11.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

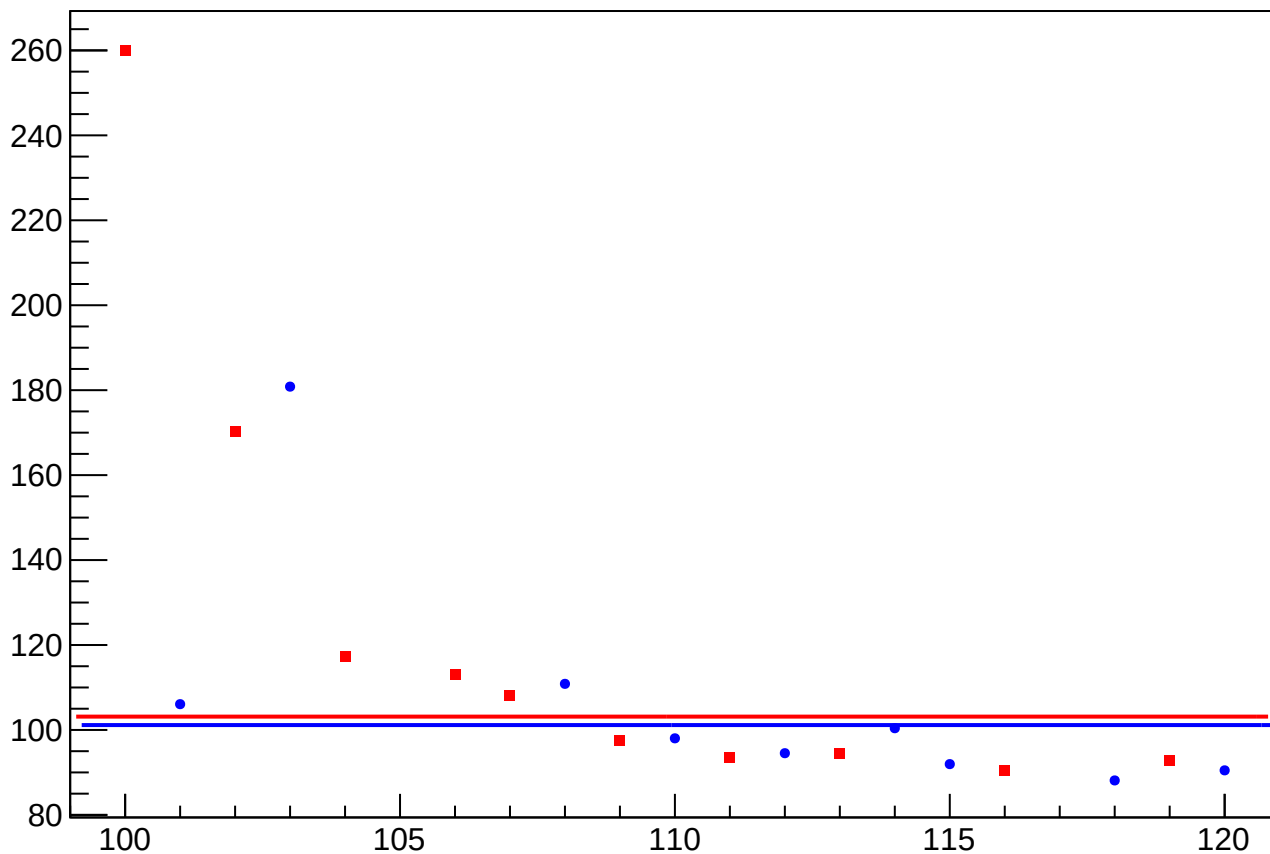
Right: 71.977+/-38.024 χ^2/NDF : 26.4/18

In: 22.947+/-54.475 χ^2/NDF : 13.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.977+/-38.024 χ^2/NDF : 26.4/18

reg_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 101.150+/-0.039 χ^2/NDF : 277346.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.142+/-0.038 χ^2/NDF : 311209.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

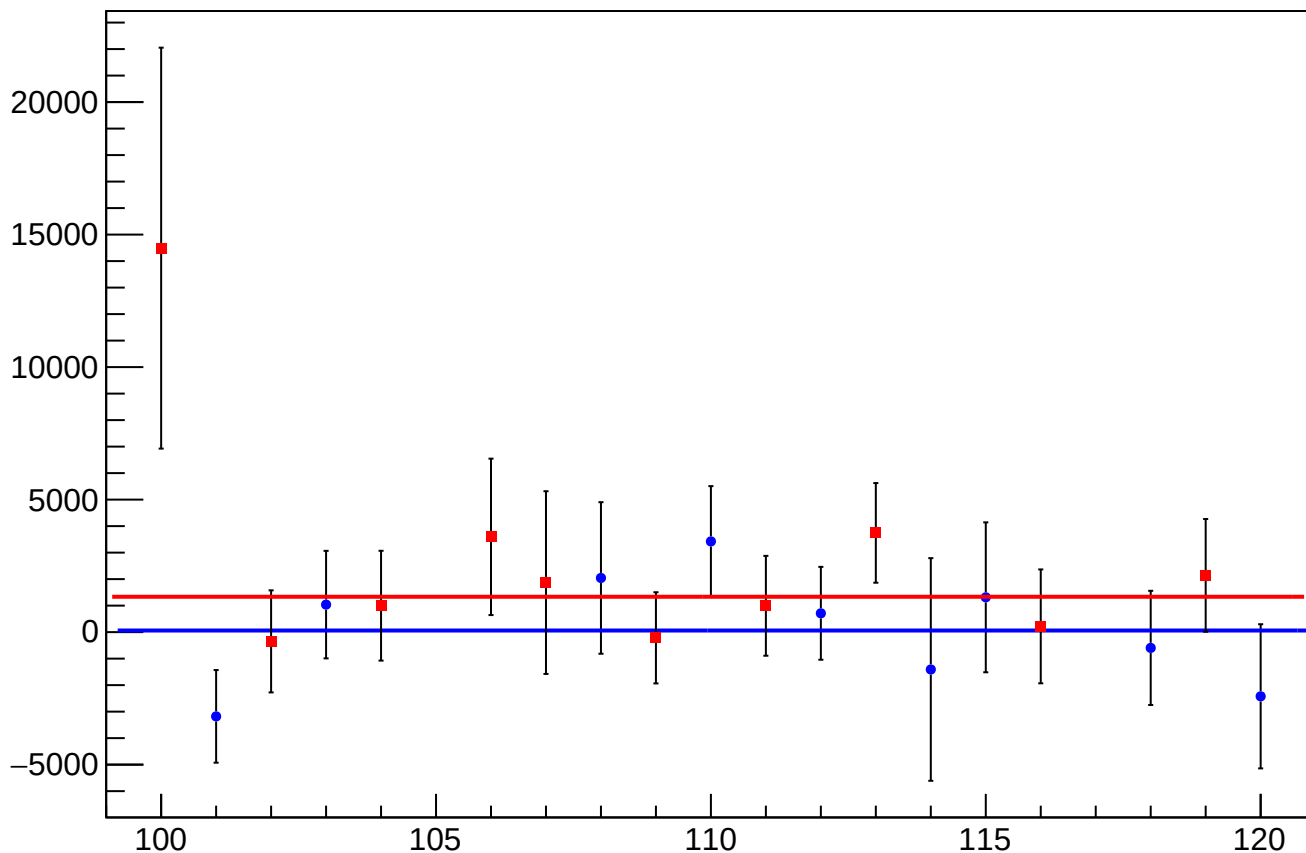
Right: 102.171+/-0.027 χ^2/NDF : 589926.6/18

In: 101.150+/-0.039 χ^2/NDF : 277346.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.171+/-0.027 χ^2/NDF : 589926.6/18

asym_sam_2468_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 60.786+/-749.448 χ^2/NDF : 8.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1334.631+/-696.842 χ^2/NDF : 7.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

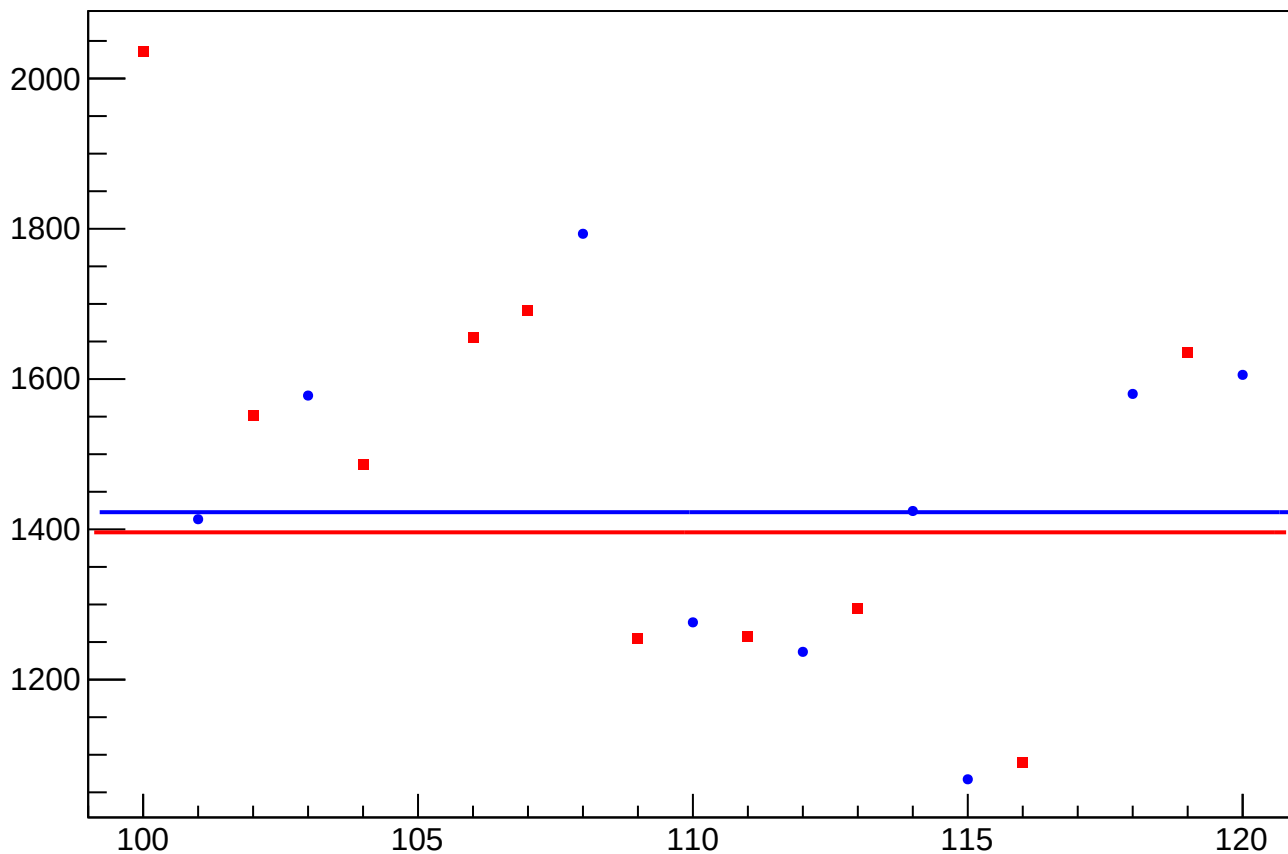
Right: 743.982+/-510.327 χ^2/NDF : 17.0/18

In: 60.786+/-749.448 χ^2/NDF : 8.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 743.982+/-510.327 χ^2/NDF : 17.0/18

asym_sam_2468_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1422.835+/-0.530 χ^2/NDF : 129040.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1396.027+/-0.493 χ^2/NDF : 157120.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

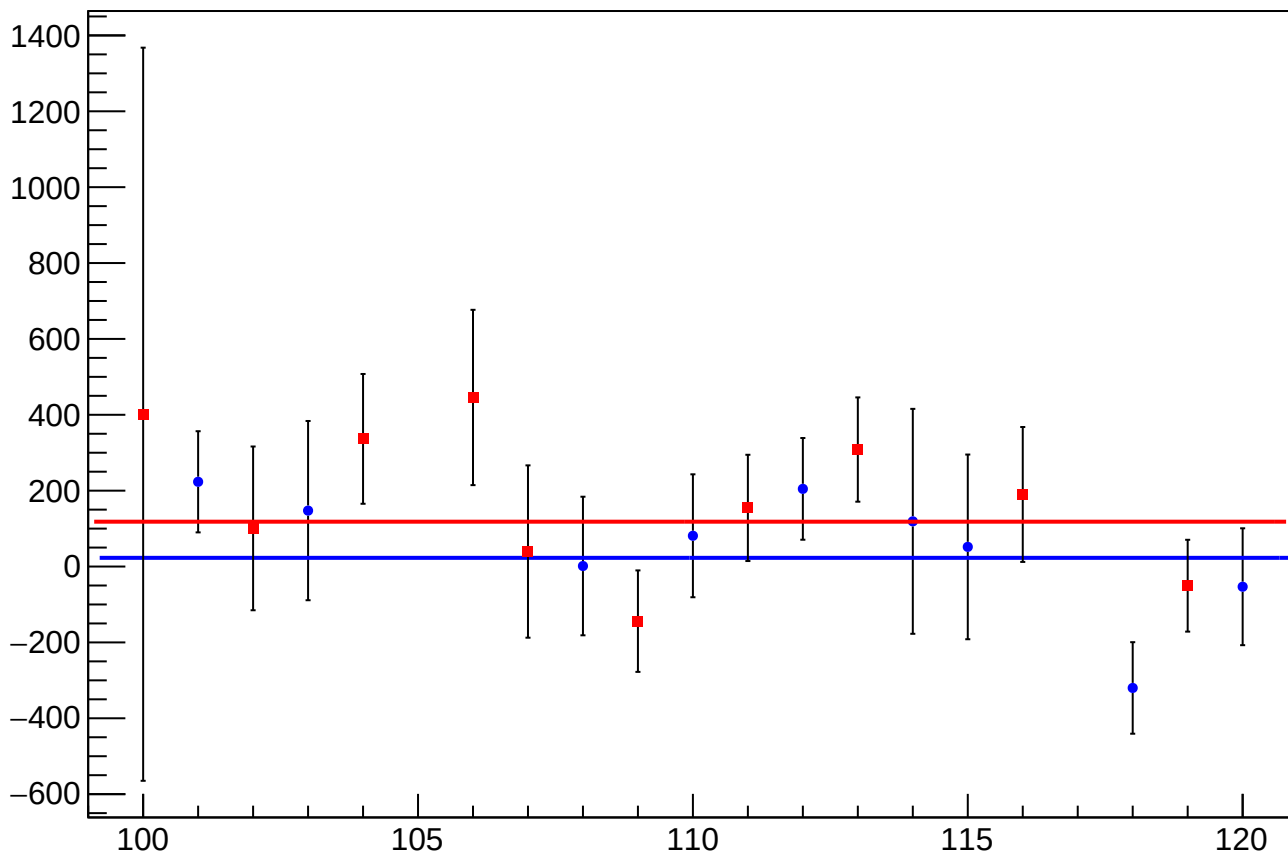
Right: 1408.457+/-0.361 χ^2/NDF : 287533.6/18

In: 1422.835+/-0.530 χ^2/NDF : 129040.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1408.457+/-0.361 χ^2/NDF : 287533.6/18

cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 22.931+/-54.475 χ^2/NDF : 13.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.234+/-53.107 χ^2/NDF : 11.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

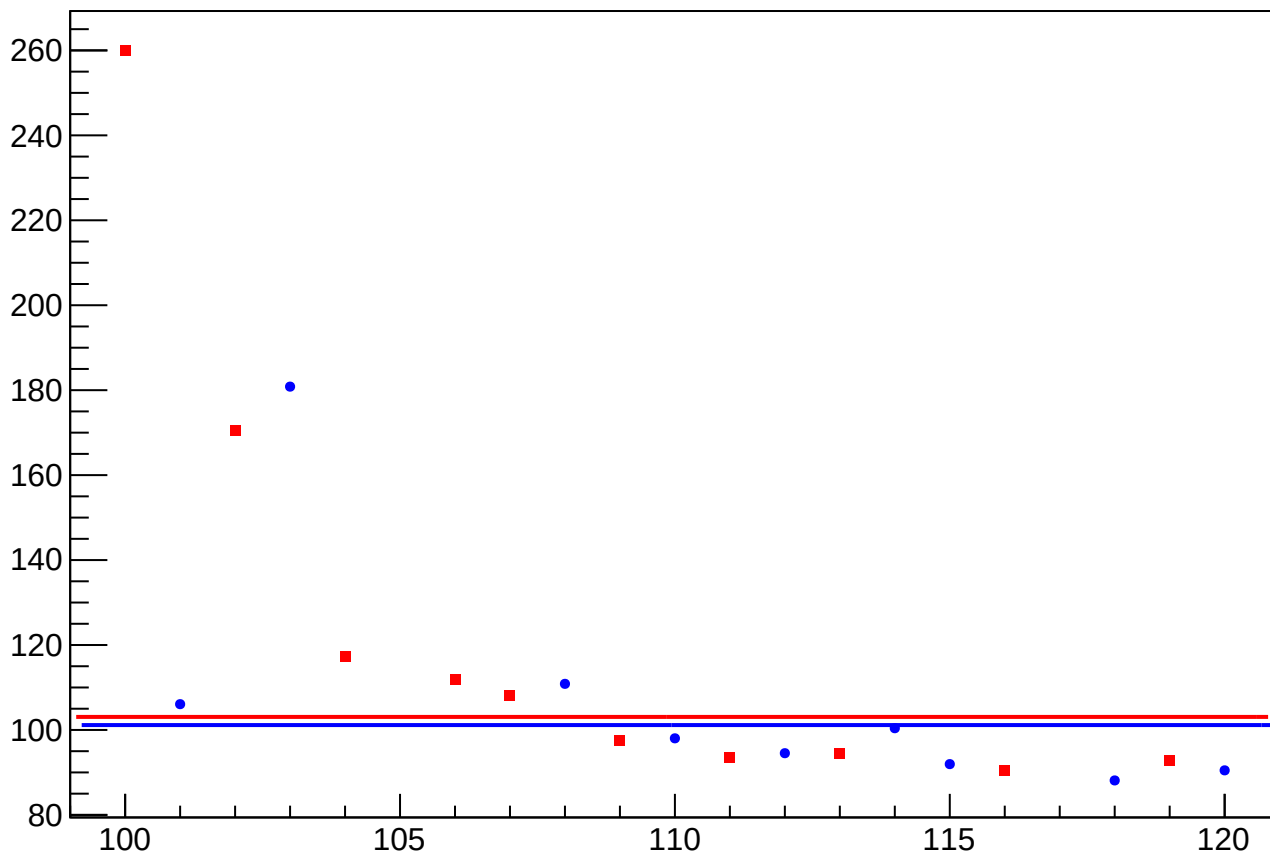
Right: 71.794+/-38.027 χ^2/NDF : 26.3/18

In: 22.931+/-54.475 χ^2/NDF : 13.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.794+/-38.027 χ^2/NDF : 26.3/18

cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 101.150+/-0.039 χ^2/NDF : 277349.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.071+/-0.038 χ^2/NDF : 310567.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

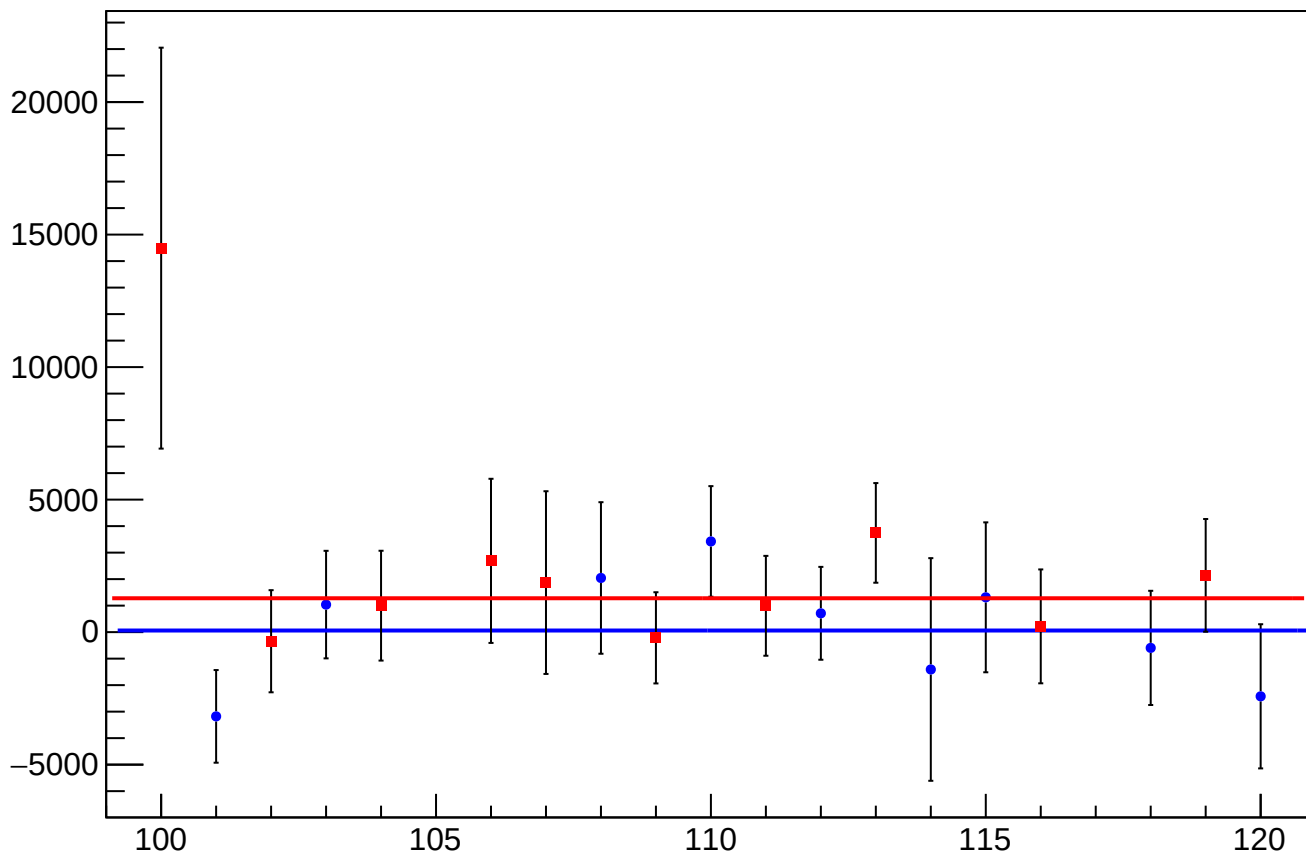
Right: 102.135+/-0.027 χ^2/NDF : 589192.2/18

In: 101.150+/-0.039 χ^2/NDF : 277349.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.135+/-0.027 χ^2/NDF : 589192.2/18

asym_sam_2468_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 60.881+/-749.455 χ^2/NDF : 8.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1278.071+/-698.692 χ^2/NDF : 6.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

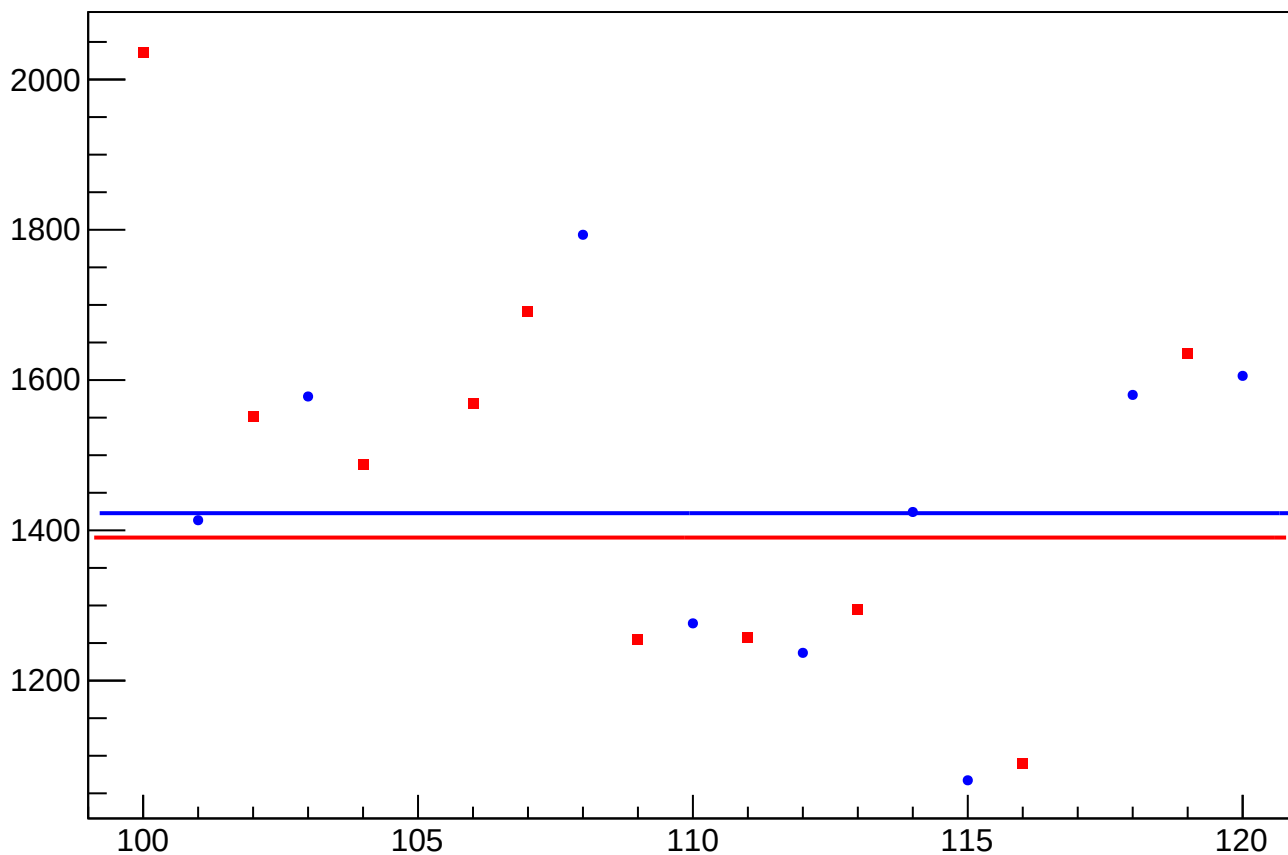
Right: 712.090+/-511.054 χ^2/NDF : 16.5/18

In: 60.881+/-749.455 χ^2/NDF : 8.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 712.090+/-511.054 χ^2/NDF : 16.5/18

asym_sam_2468_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1422.847+/-0.530 χ^2/NDF : 129055.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1390.400+/-0.494 χ^2/NDF : 147948.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

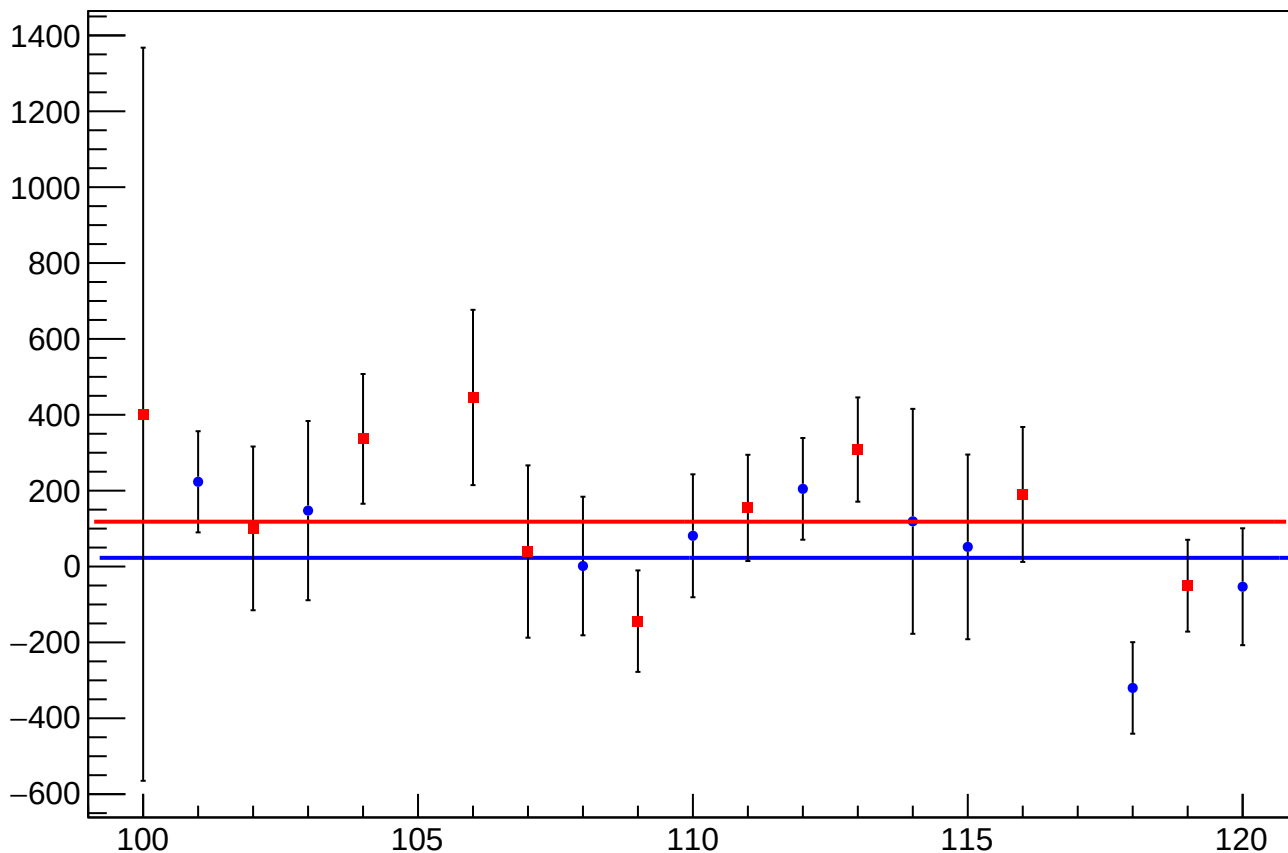
Right: 1405.488+/-0.361 χ^2/NDF : 279010.2/18

In: 1422.847+/-0.530 χ^2/NDF : 129055.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1405.488+/-0.361 χ^2/NDF : 279010.2/18

eigen_cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 22.931+/-54.475 χ^2/NDF : 13.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.234+/-53.107 χ^2/NDF : 11.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

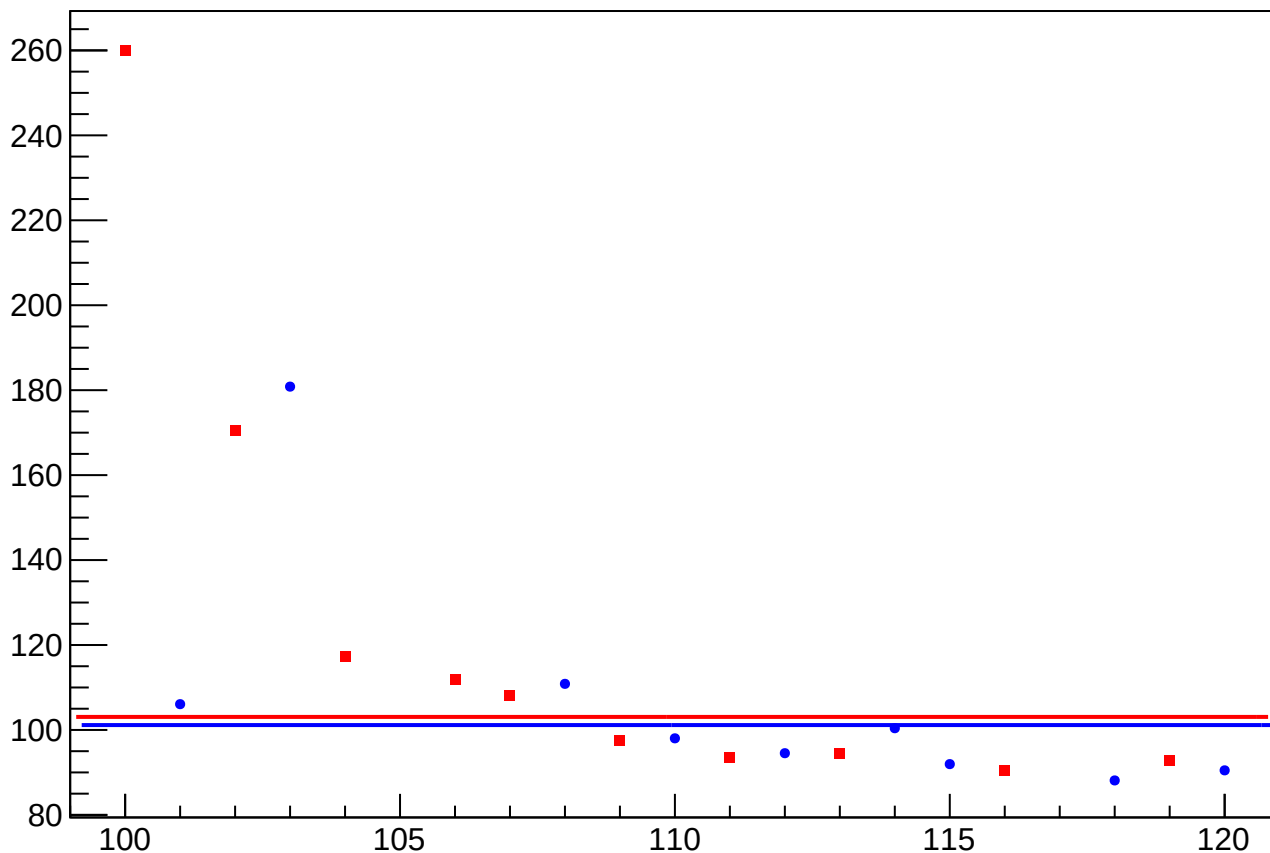
Right: 71.794+/-38.027 χ^2/NDF : 26.3/18

In: 22.931+/-54.475 χ^2/NDF : 13.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.794+/-38.027 χ^2/NDF : 26.3/18

eigen_cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 101.150+/-0.039 χ^2/NDF : 277349.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.071+/-0.038 χ^2/NDF : 310567.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

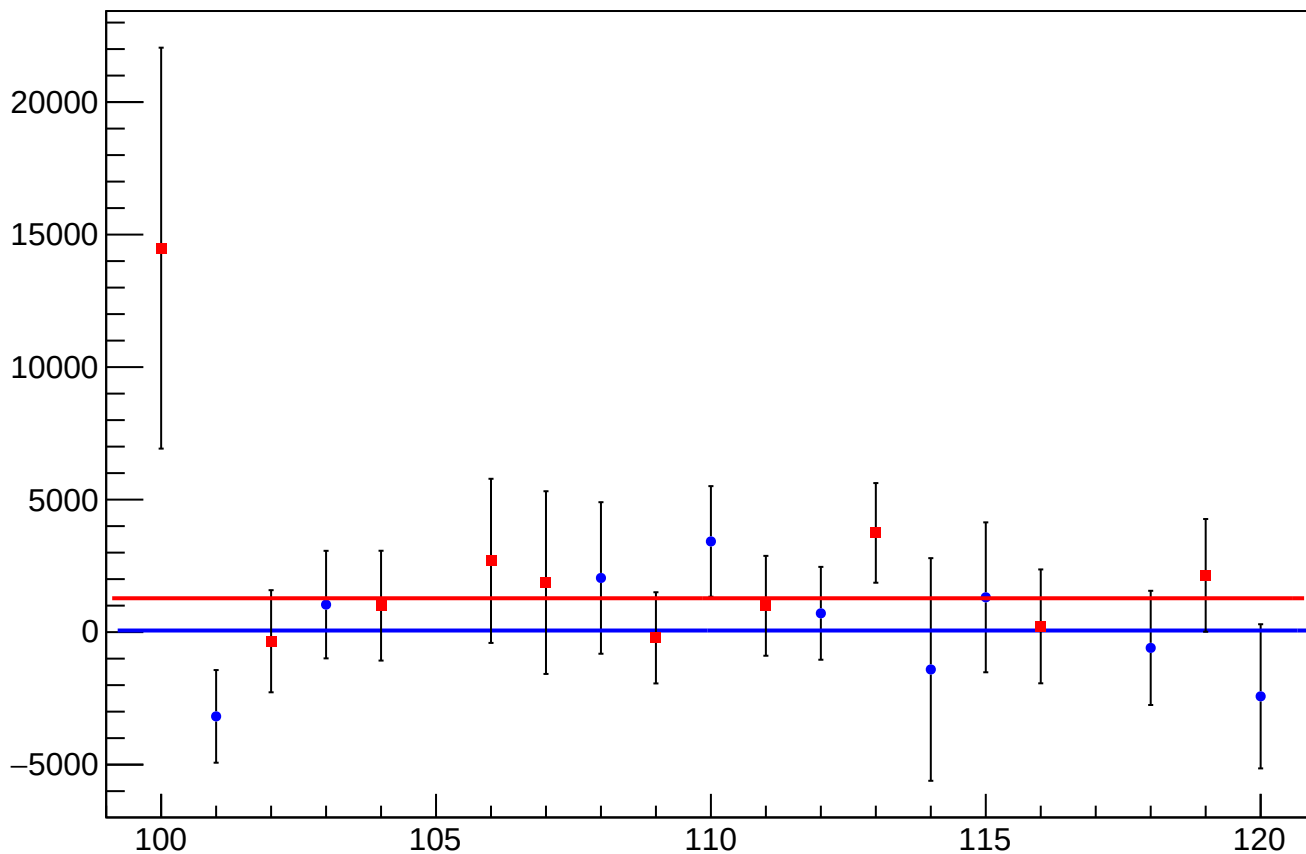
Right: 102.135+/-0.027 χ^2/NDF : 589192.2/18

In: 101.150+/-0.039 χ^2/NDF : 277349.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.135+/-0.027 χ^2/NDF : 589192.2/18

asym_sam_2468_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 60.881+/-749.455 χ^2/NDF : 8.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1278.071+/-698.692 χ^2/NDF : 6.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

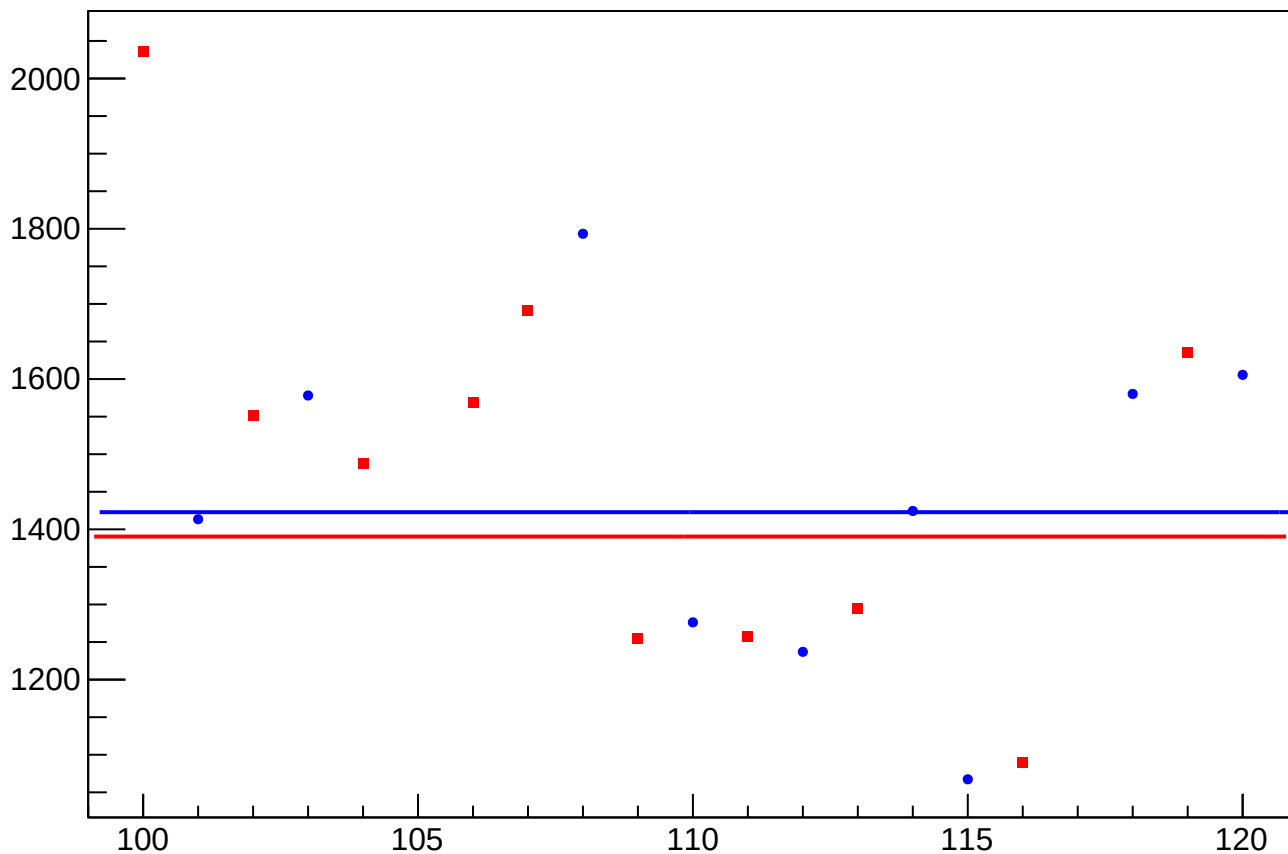
Right: 712.090+/-511.054 χ^2/NDF : 16.5/18

In: 60.881+/-749.455 χ^2/NDF : 8.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 712.090+/-511.054 χ^2/NDF : 16.5/18

asym_sam_2468_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1422.847+/-0.530 χ^2/NDF : 129055.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1390.400+/-0.494 χ^2/NDF : 147948.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

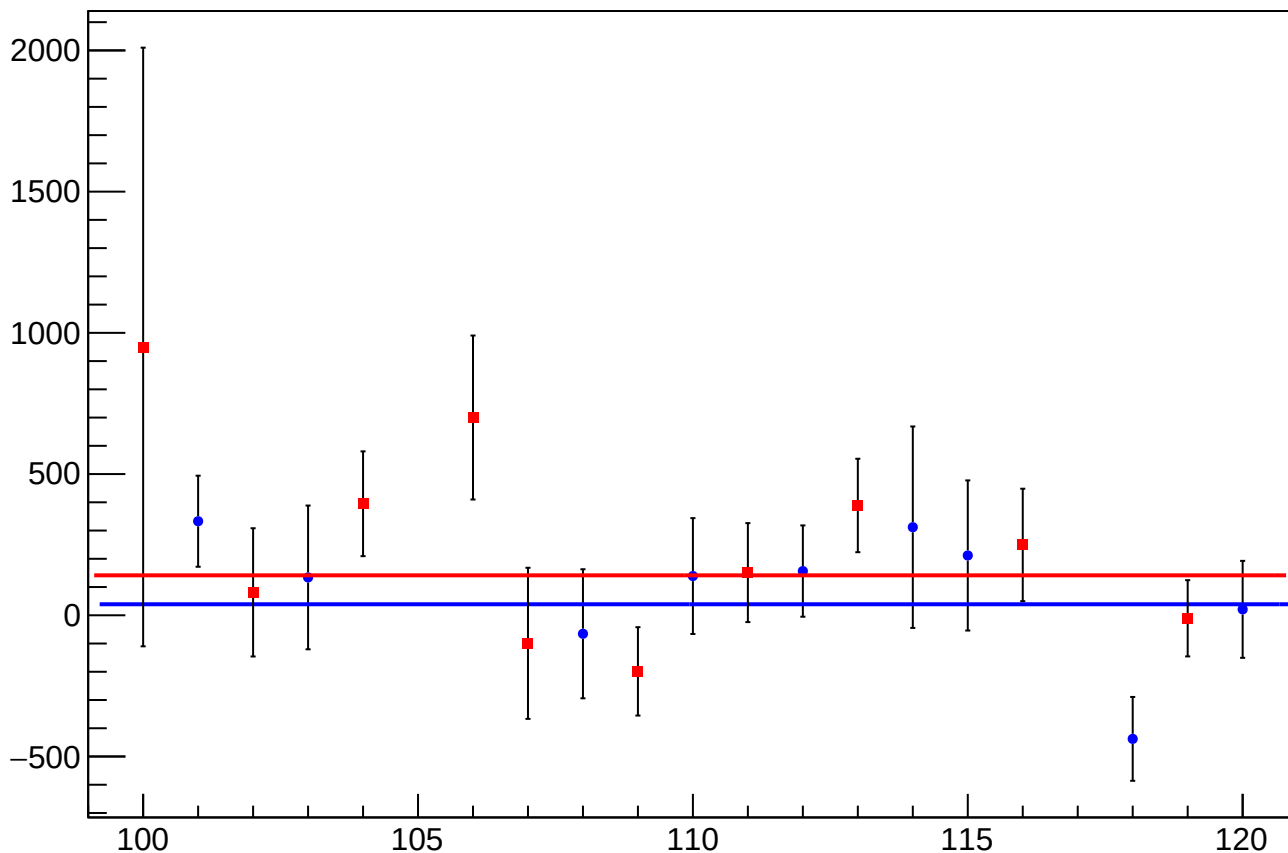
Right: 1405.488+/-0.361 χ^2/NDF : 279010.2/18

In: 1422.847+/-0.530 χ^2/NDF : 129055.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1405.488+/-0.361 χ^2/NDF : 279010.2/18

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 39.003+/-65.032 χ^2/NDF : 15.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 141.460+/-61.403 χ^2/NDF : 15.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

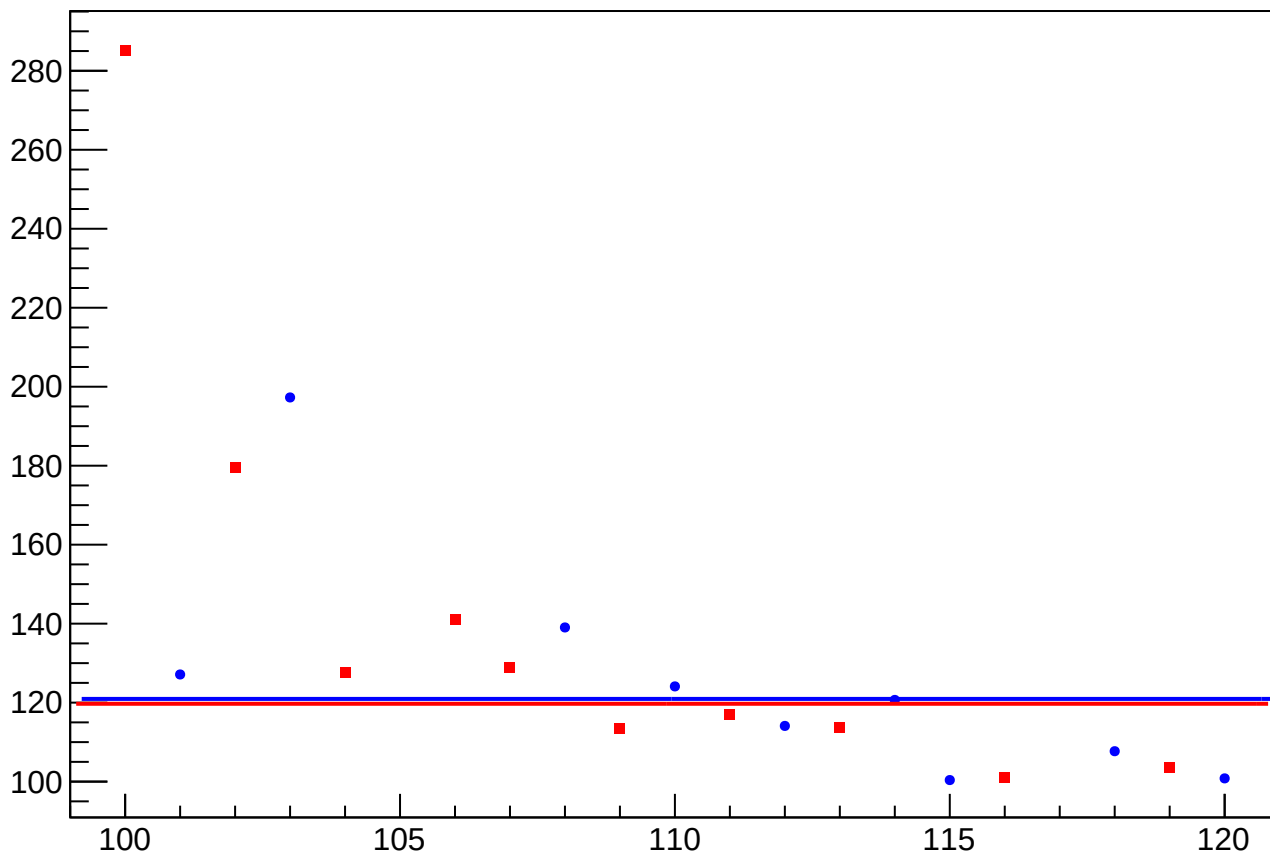
Right: 93.170+/-44.646 χ^2/NDF : 32.6/18

In: 39.003+/-65.032 χ^2/NDF : 15.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.170+/-44.646 χ^2/NDF : 32.6/18

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 120.943+/-0.046 χ^2/NDF : 254862.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.711+/-0.043 χ^2/NDF : 256821.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

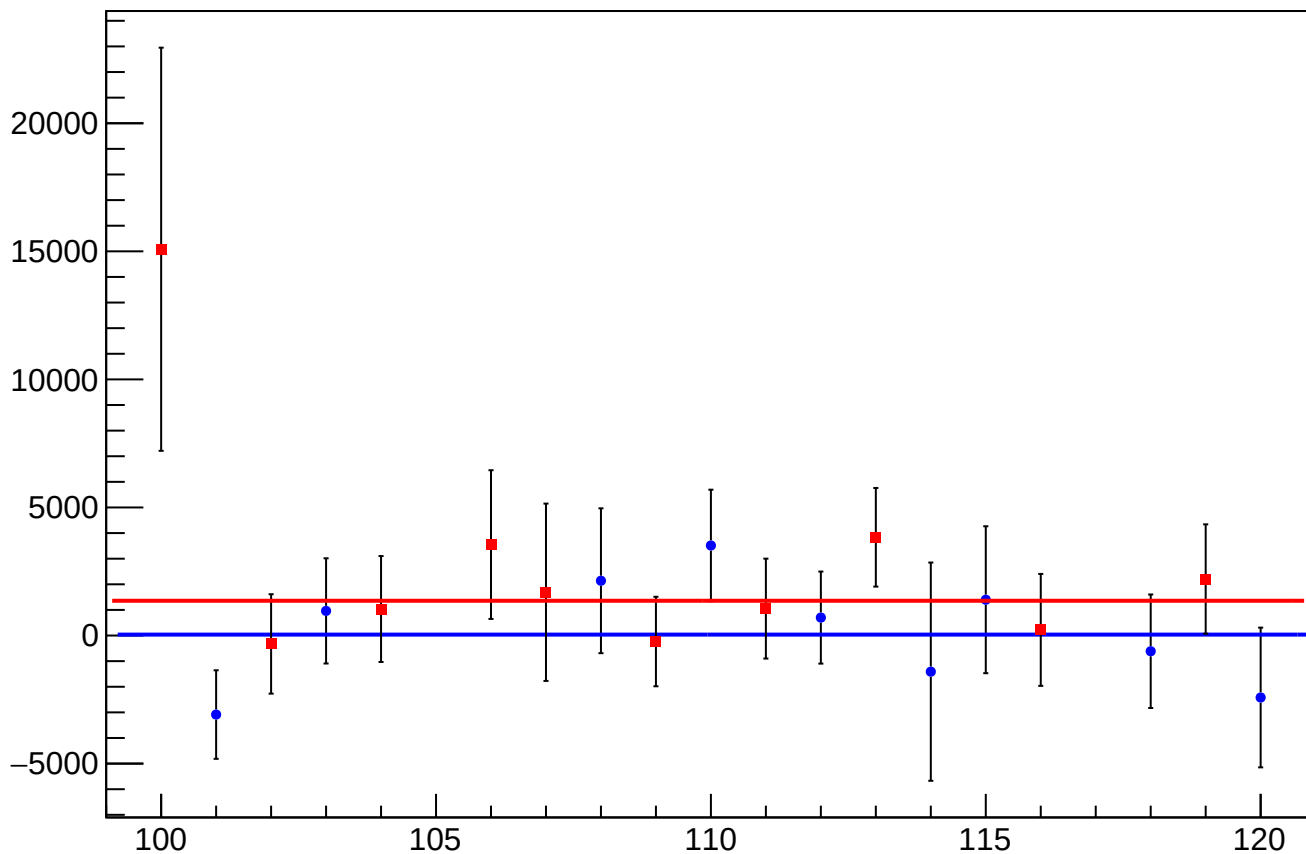
Right: 120.292+/-0.032 χ^2/NDF : 512063.5/18

In: 120.943+/-0.046 χ^2/NDF : 254862.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.292+/-0.032 χ^2/NDF : 512063.5/18

asym_sam_2468_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 36.042 $\pm$ 759.859 χ^2 /NDF: 7.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1357.753 $\pm$ 705.928 χ^2 /NDF: 7.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

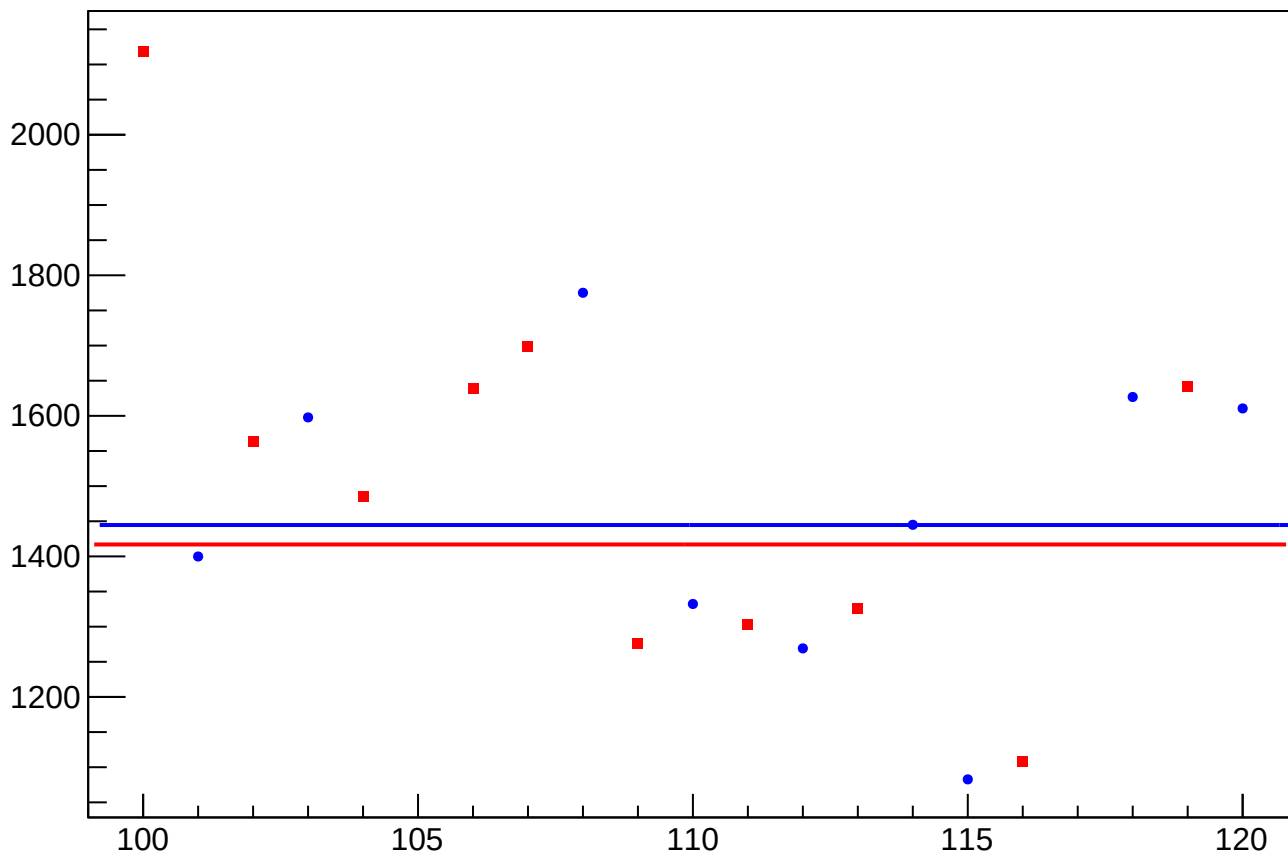
Right: 745.462 $\pm$ 517.182 χ^2 /NDF: 16.9/18

In: 36.042 $\pm$ 759.859 χ^2 /NDF:7.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 745.462 $\pm$ 517.182 χ^2 /NDF: 16.9/18

asym_sam_2468_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1444.648+/-0.537 χ^2/NDF : 116962.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1416.956+/-0.499 χ^2/NDF : 140588.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

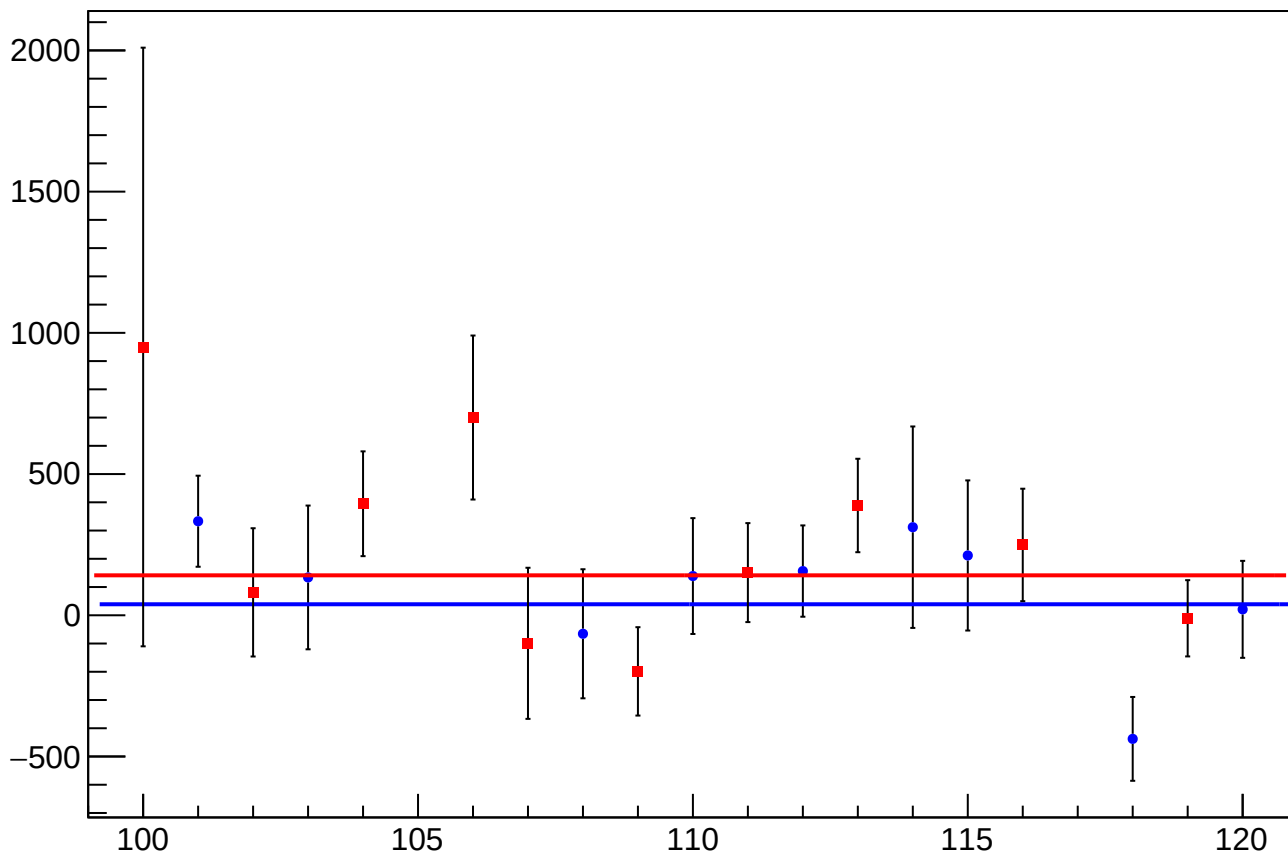
Right: 1429.784+/-0.366 χ^2/NDF : 258976.1/18

In: 1444.648+/-0.537 χ^2/NDF : 116962.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1429.784+/-0.366 χ^2/NDF : 258976.1/18

eigen_dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 39.003+/-65.032 χ^2/NDF : 15.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 141.458+/-61.403 χ^2/NDF : 15.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

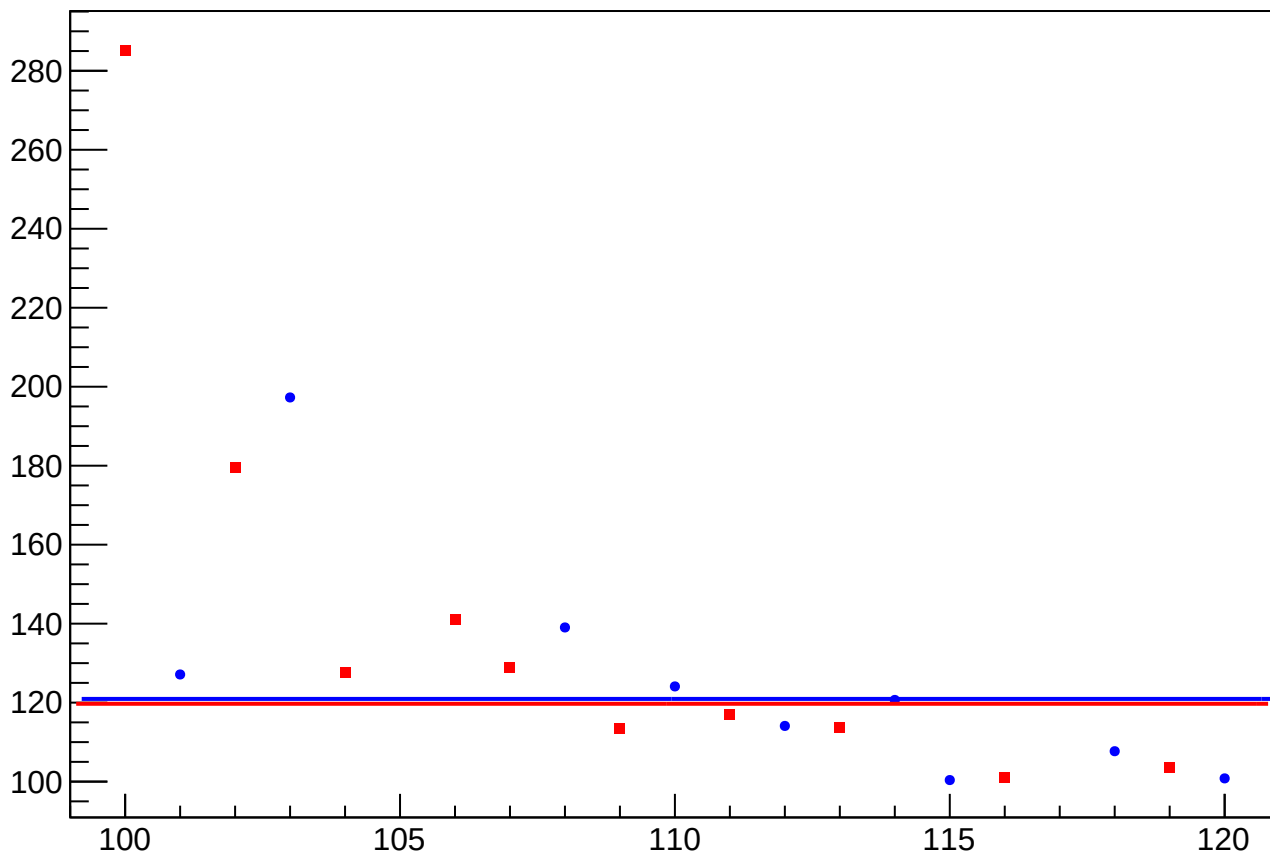
Right: 93.169+/-44.646 χ^2/NDF : 32.6/18

In: 39.003+/-65.032 χ^2/NDF : 15.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.169+/-44.646 χ^2/NDF : 32.6/18

eigen_dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 120.942+/-0.046 χ^2/NDF : 254864.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.710+/-0.043 χ^2/NDF : 256822.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

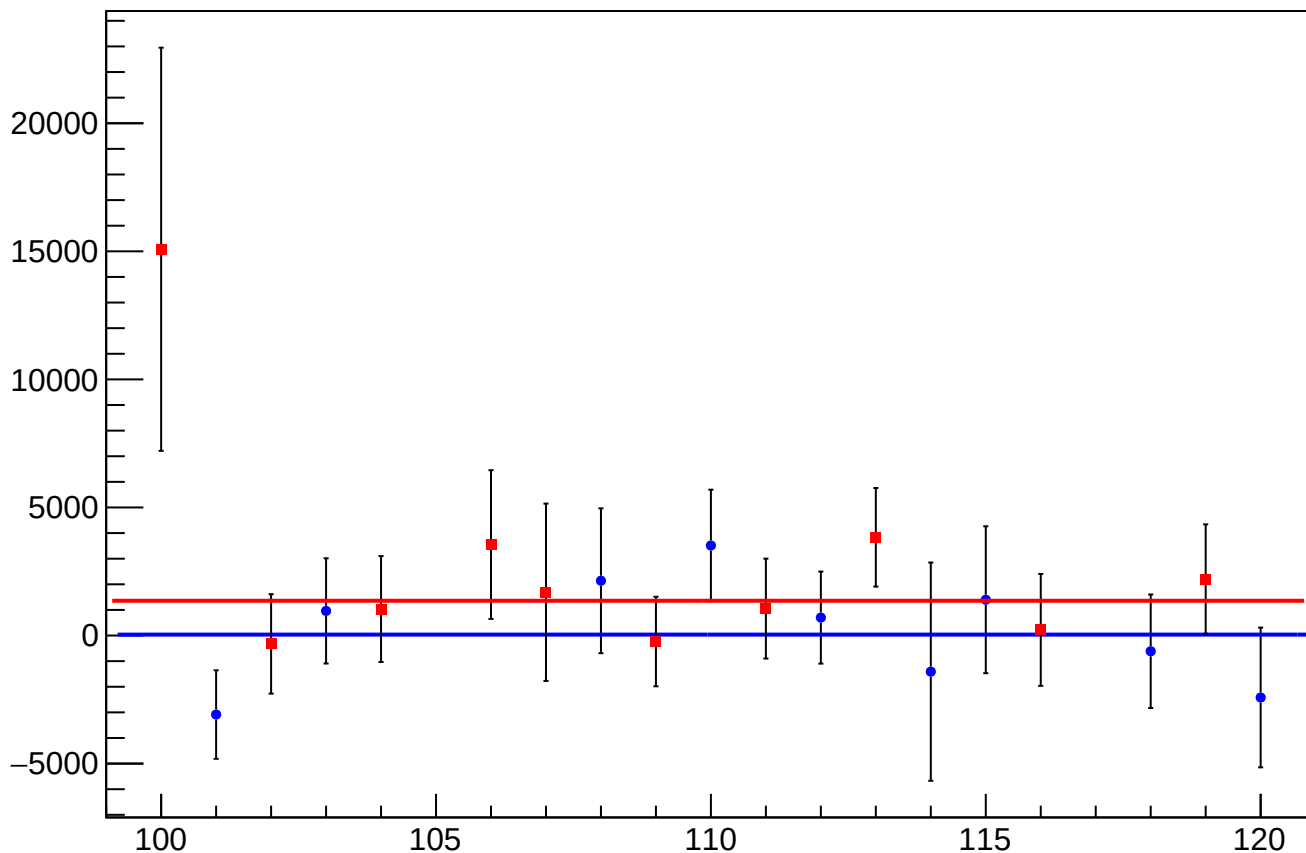
Right: 120.291+/-0.032 χ^2/NDF : 512065.6/18

In: 120.942+/-0.046 χ^2/NDF : 254864.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.291+/-0.032 χ^2/NDF : 512065.6/18

asym_sam_2468_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 36.045+/-759.857 χ^2/NDF : 7.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1357.750+/-705.926 χ^2/NDF : 7.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

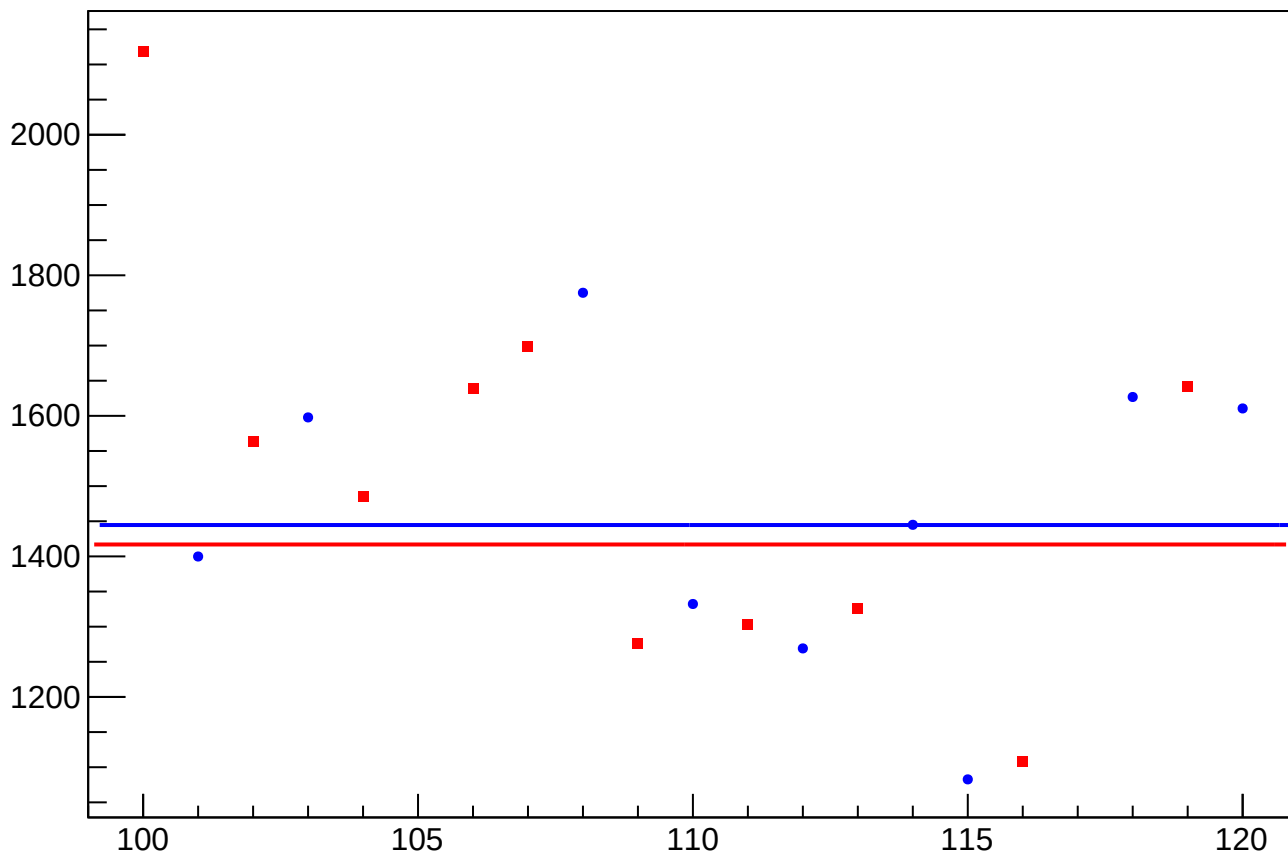
Right: 745.462+/-517.181 χ^2/NDF : 16.9/18

In: 36.045+/-759.857 χ^2/NDF : 7.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 745.462+/-517.181 χ^2/NDF : 16.9/18

asym_sam_2468_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1444.643+/-0.537 χ^2/NDF : 116963.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1416.951+/-0.499 χ^2/NDF : 140589.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

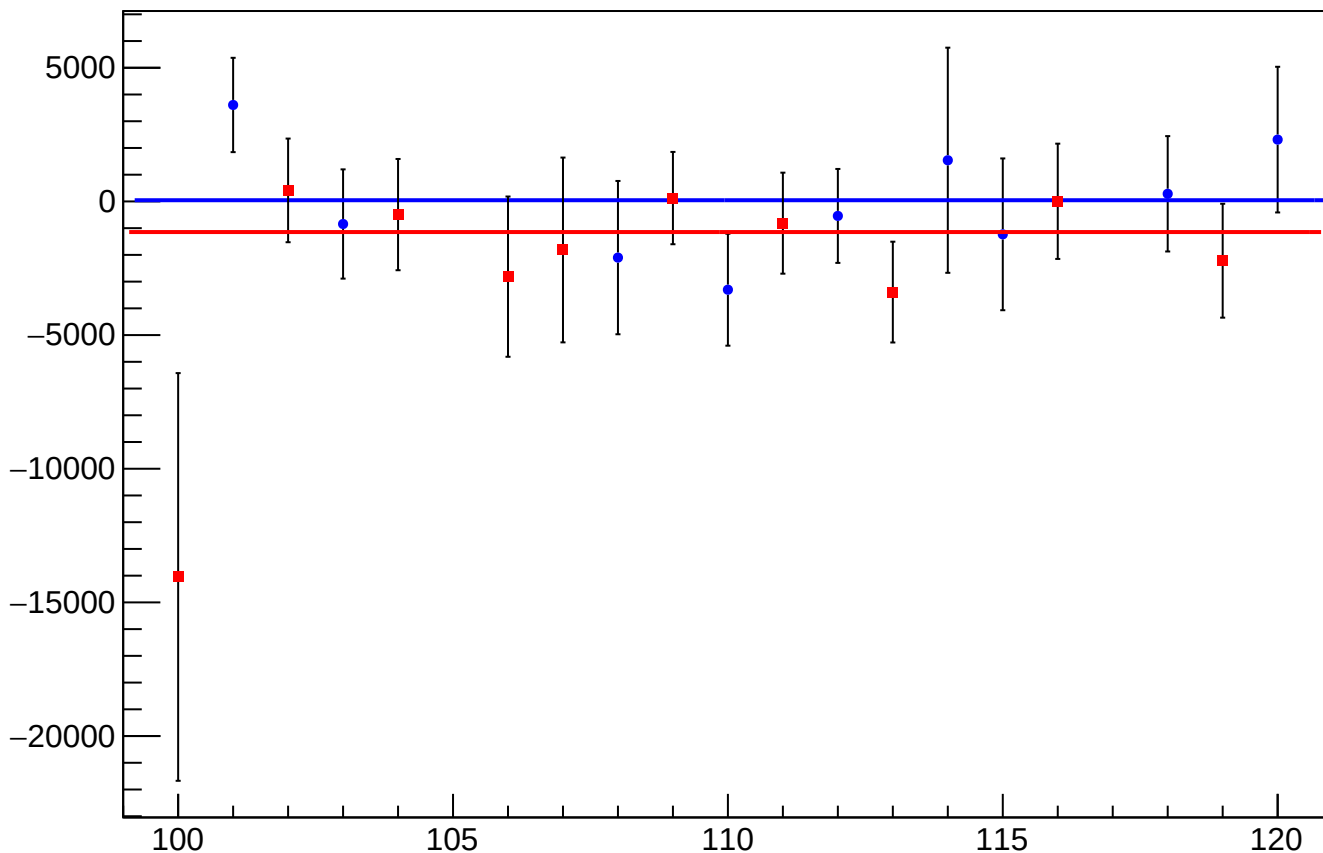
Right: 1429.780+/-0.366 χ^2/NDF : 258978.8/18

In: 1444.643+/-0.537 χ^2/NDF : 116963.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1429.780+/-0.366 χ^2/NDF : 258978.8/18

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 44.921+/-752.843 χ^2/NDF : 8.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1145.487+/-699.905 χ^2/NDF : 6.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

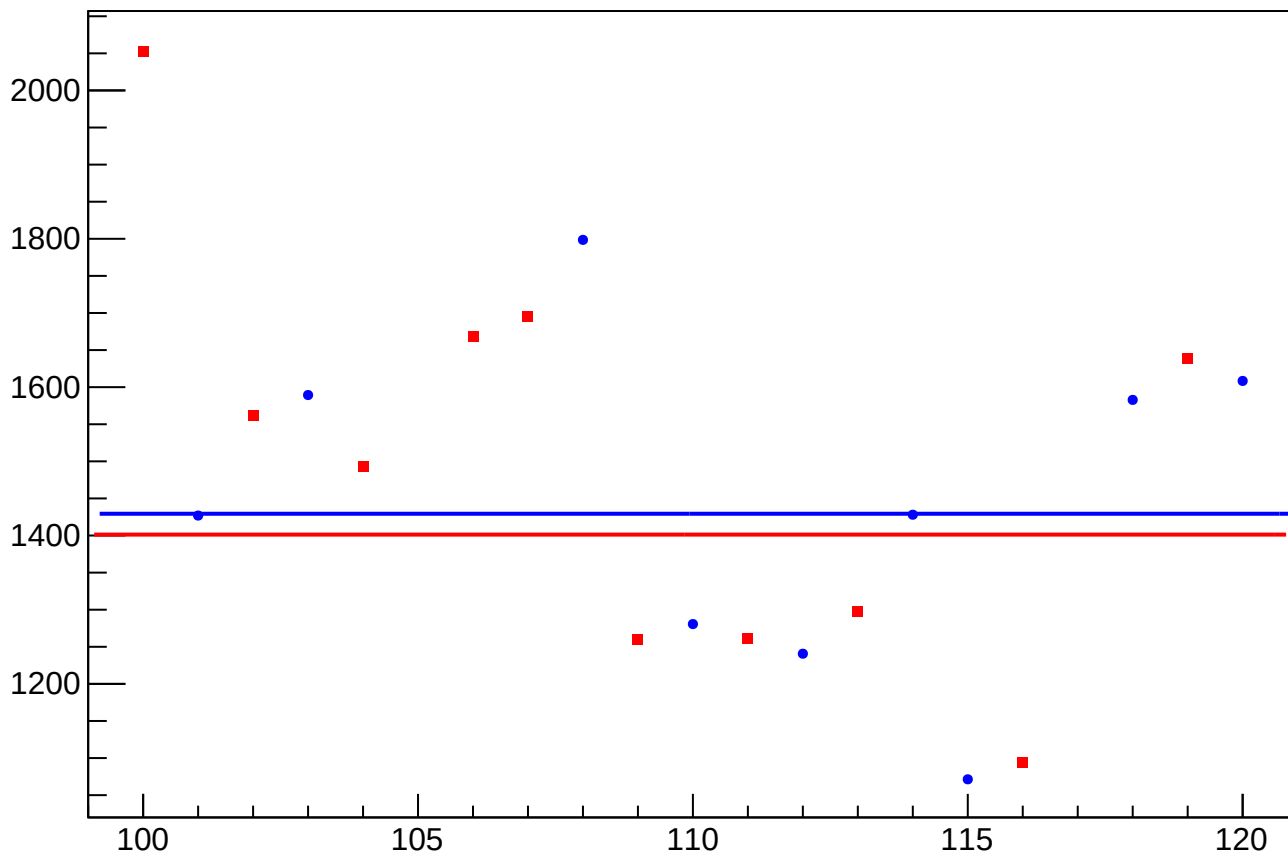
Right: -593.604+/-512.602 χ^2/NDF : 16.4/18

In: 44.921+/-752.843 χ^2/NDF : 8.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -593.604+/-512.602 χ^2/NDF : 16.4/18

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1429.356+/-0.532 χ^2/NDF : 129135.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1401.246+/-0.495 χ^2/NDF : 158411.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

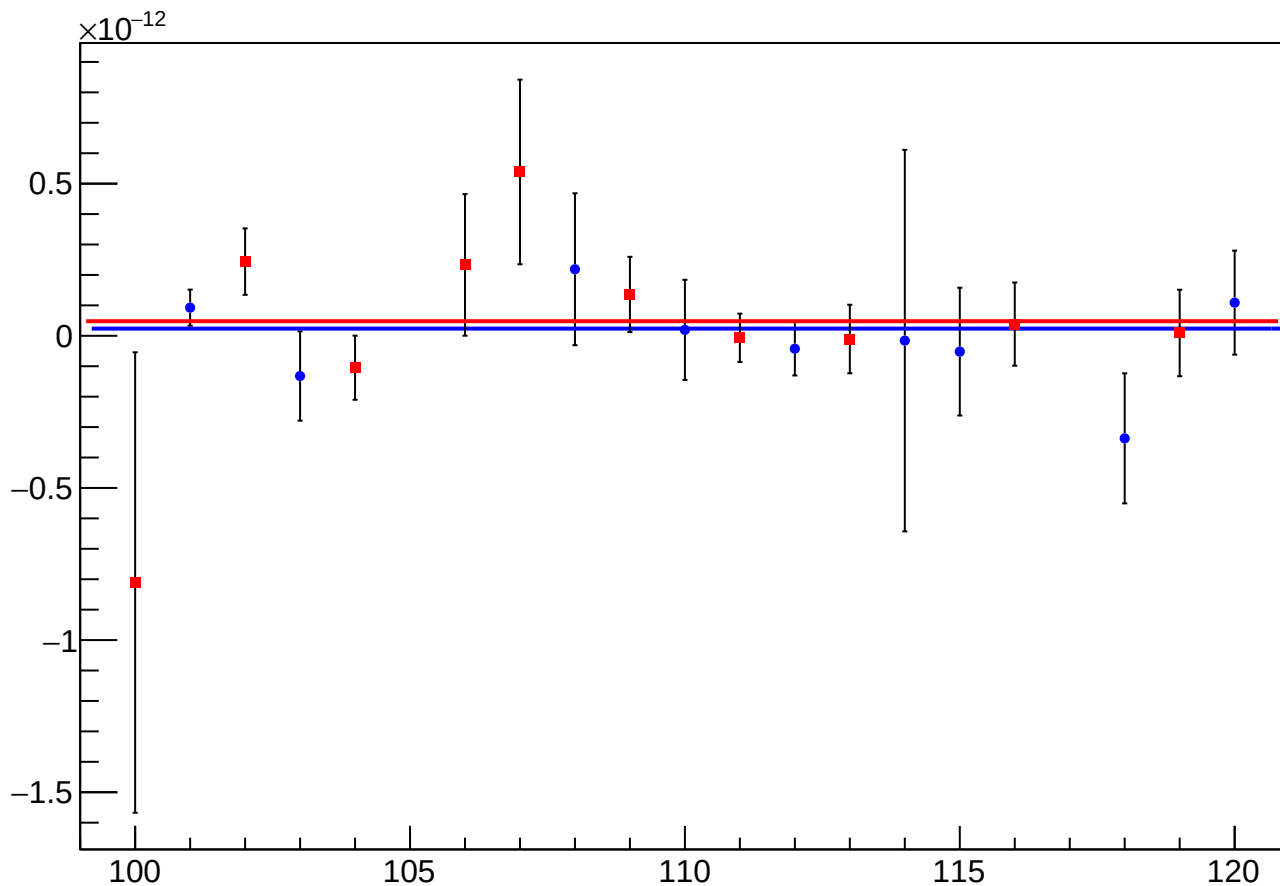
Right: 1414.278+/-0.362 χ^2/NDF : 289042.8/18

In: 1429.356+/-0.532 χ^2/NDF : 129135.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1414.278+/-0.362 χ^2/NDF : 289042.8/18

asym_sam_2468_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

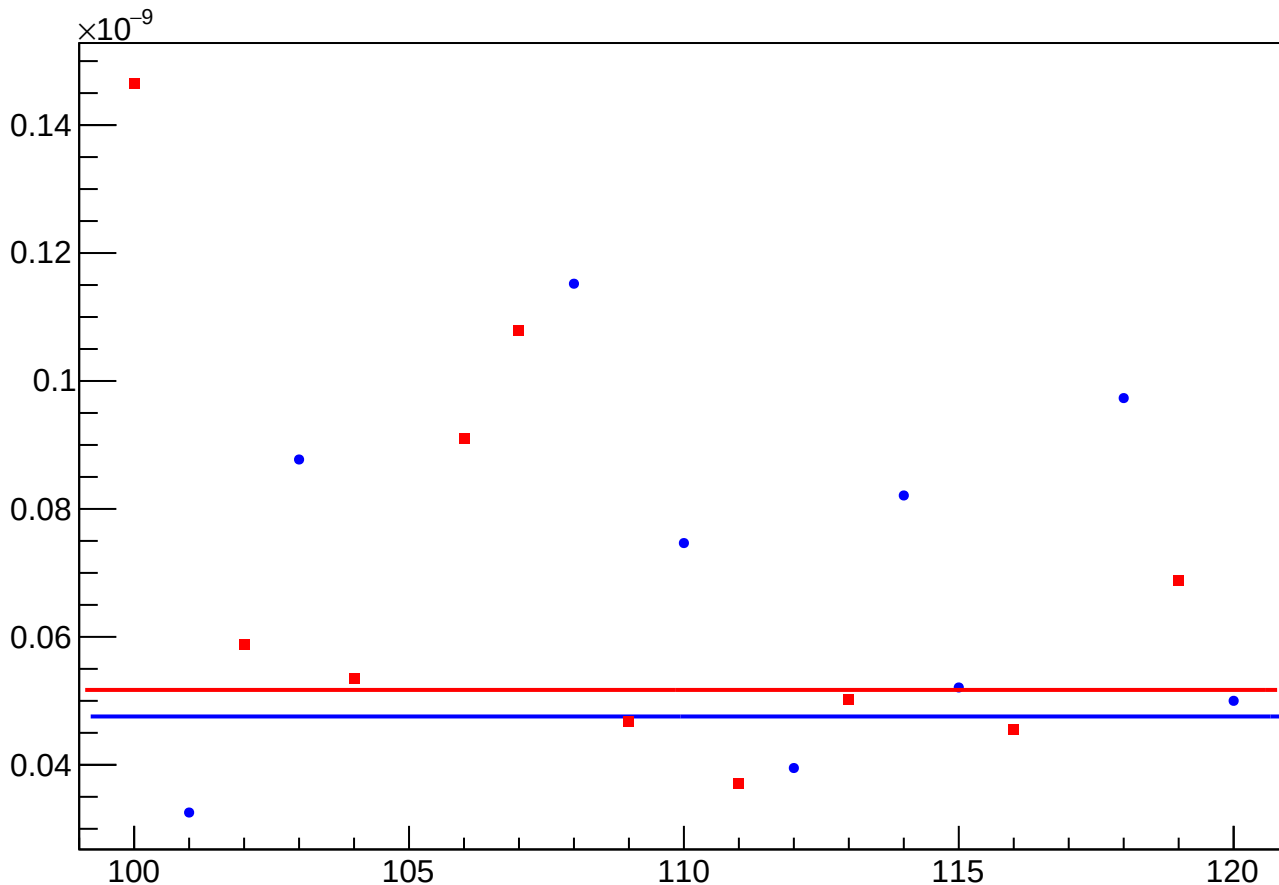
Right: 0.000+/-0.000 χ^2/NDF : 18.2/18

In: 0.000+/-0.000 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.2/18

asym_sam_2468_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 612235.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 270085.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

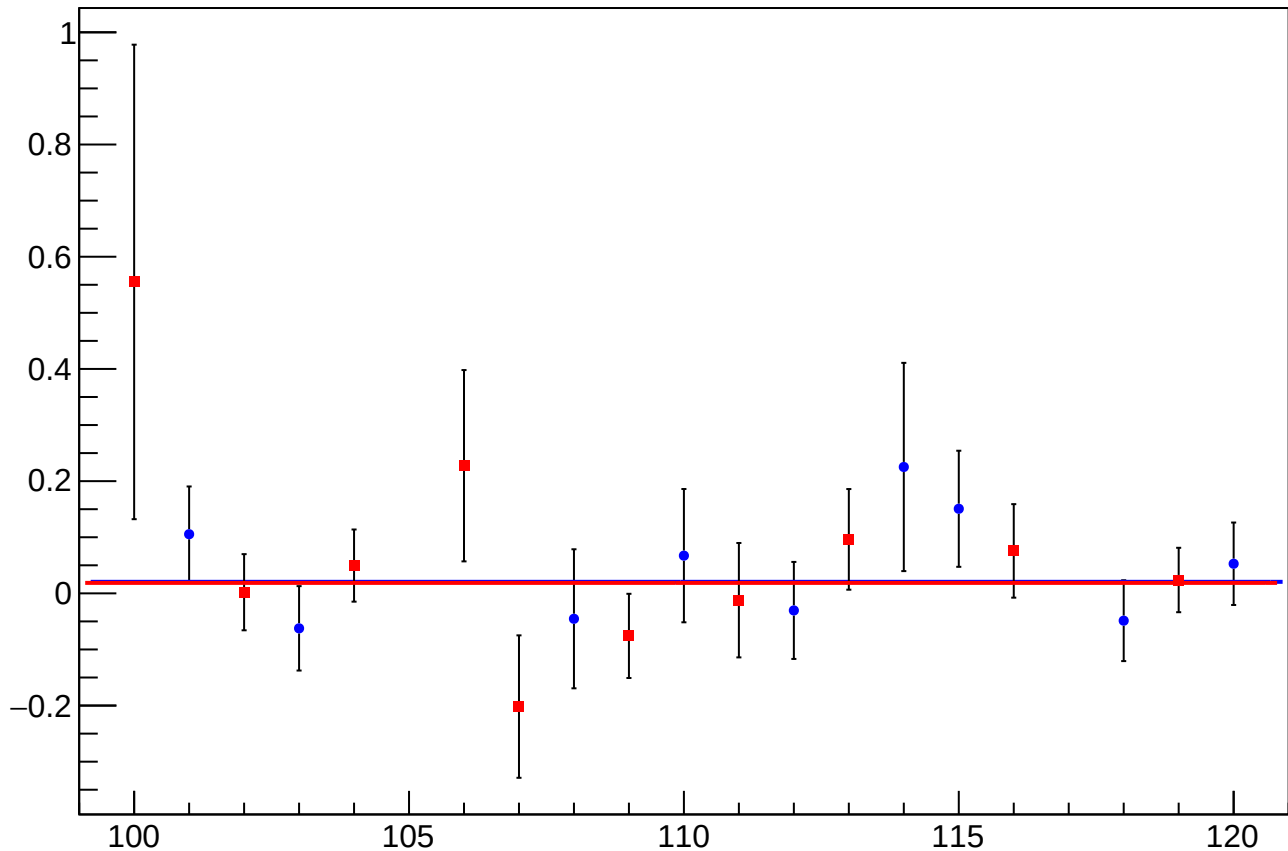
Right: 0.000+/-0.000 χ^2/NDF : 892703.1/18

In: 0.000+/-0.000 χ^2/NDF : 612235.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 892703.1/18

asym_sam_2468_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.030 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.019+/-0.027 χ^2/NDF : 9.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

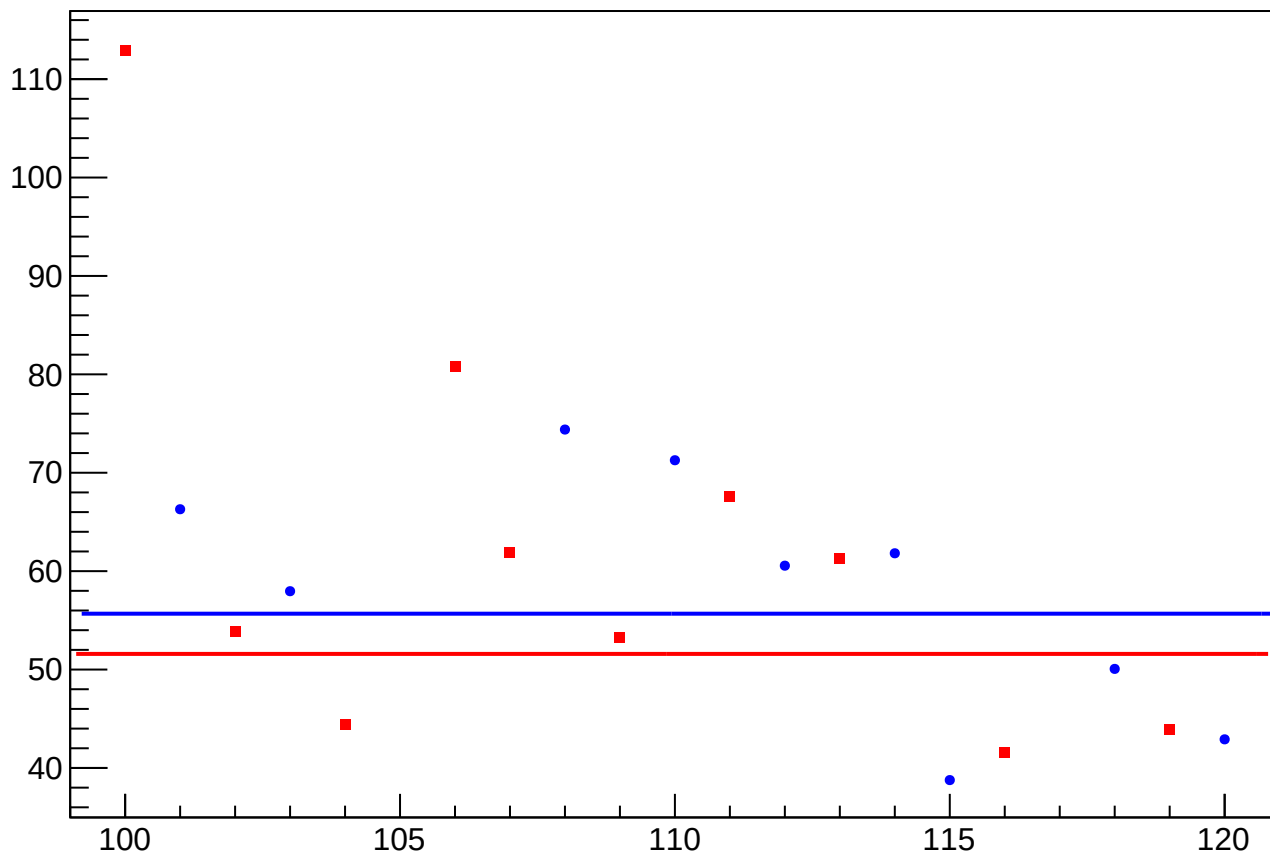
Right: 0.019+/-0.020 χ^2/NDF : 16.2/18

In: 0.021+/-0.030 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.020 χ^2/NDF : 16.2/18

asym_sam_2468_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.677+/-0.021 χ^2/NDF : 247564.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.590+/-0.019 χ^2/NDF : 279326.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

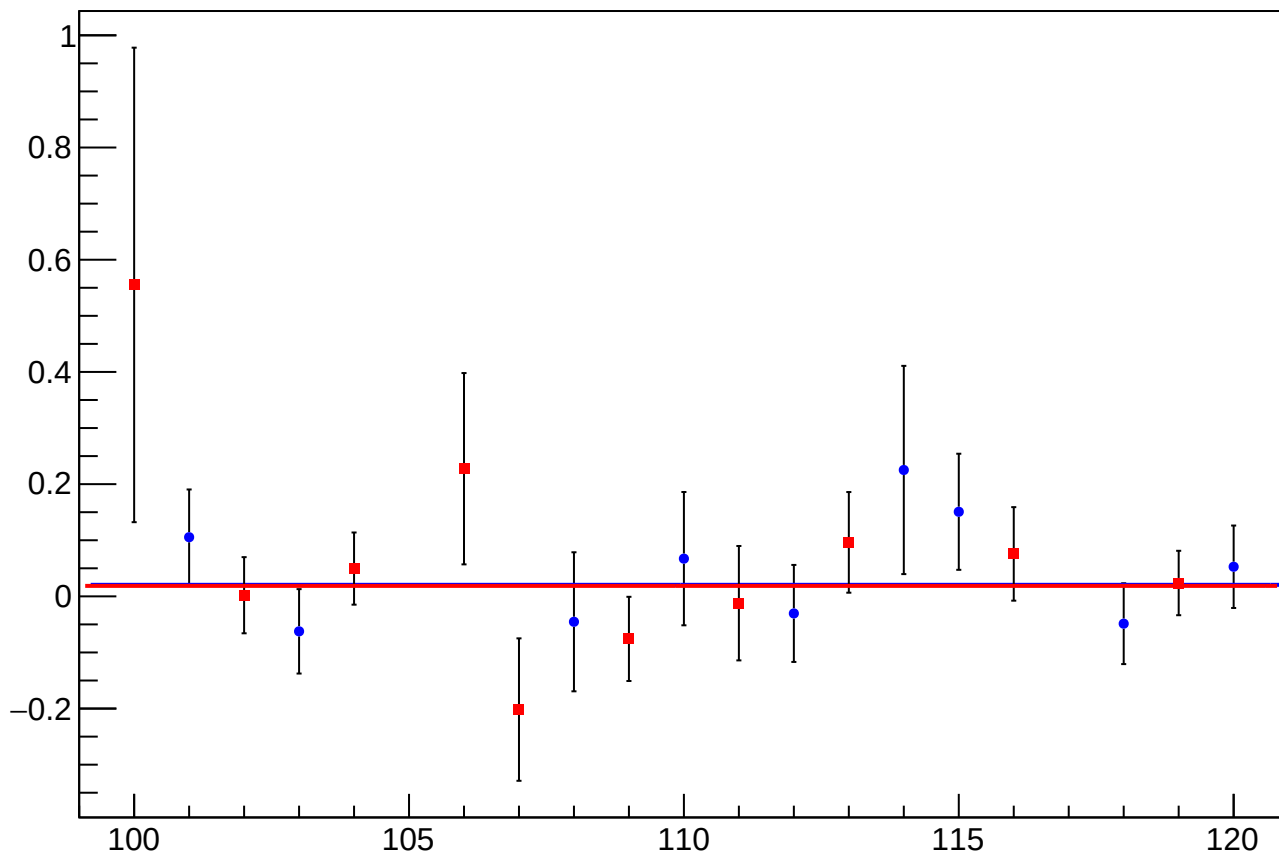
Right: 53.370+/-0.014 χ^2/NDF : 547352.4/18

In: 55.677+/-0.021 χ^2/NDF : 247564.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.370+/-0.014 χ^2/NDF : 547352.4/18

asym_sam_2468_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.030 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.019+/-0.027 χ^2/NDF : 9.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

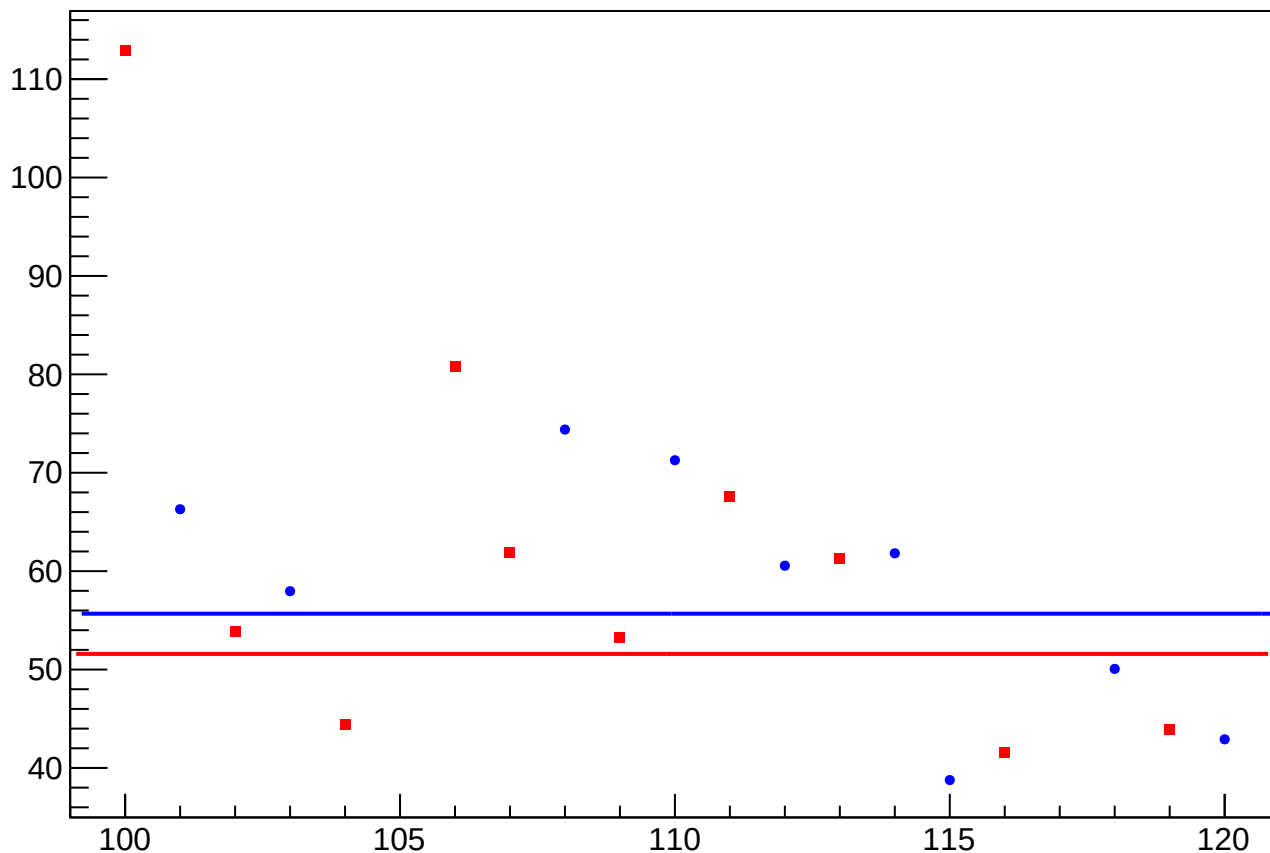
Right: 0.019+/-0.020 χ^2/NDF : 16.2/18

In: 0.021+/-0.030 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.020 χ^2/NDF : 16.2/18

asym_sam_2468_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.677+/-0.021 χ^2/NDF : 247564.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 51.590+/-0.019 χ^2/NDF : 279326.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

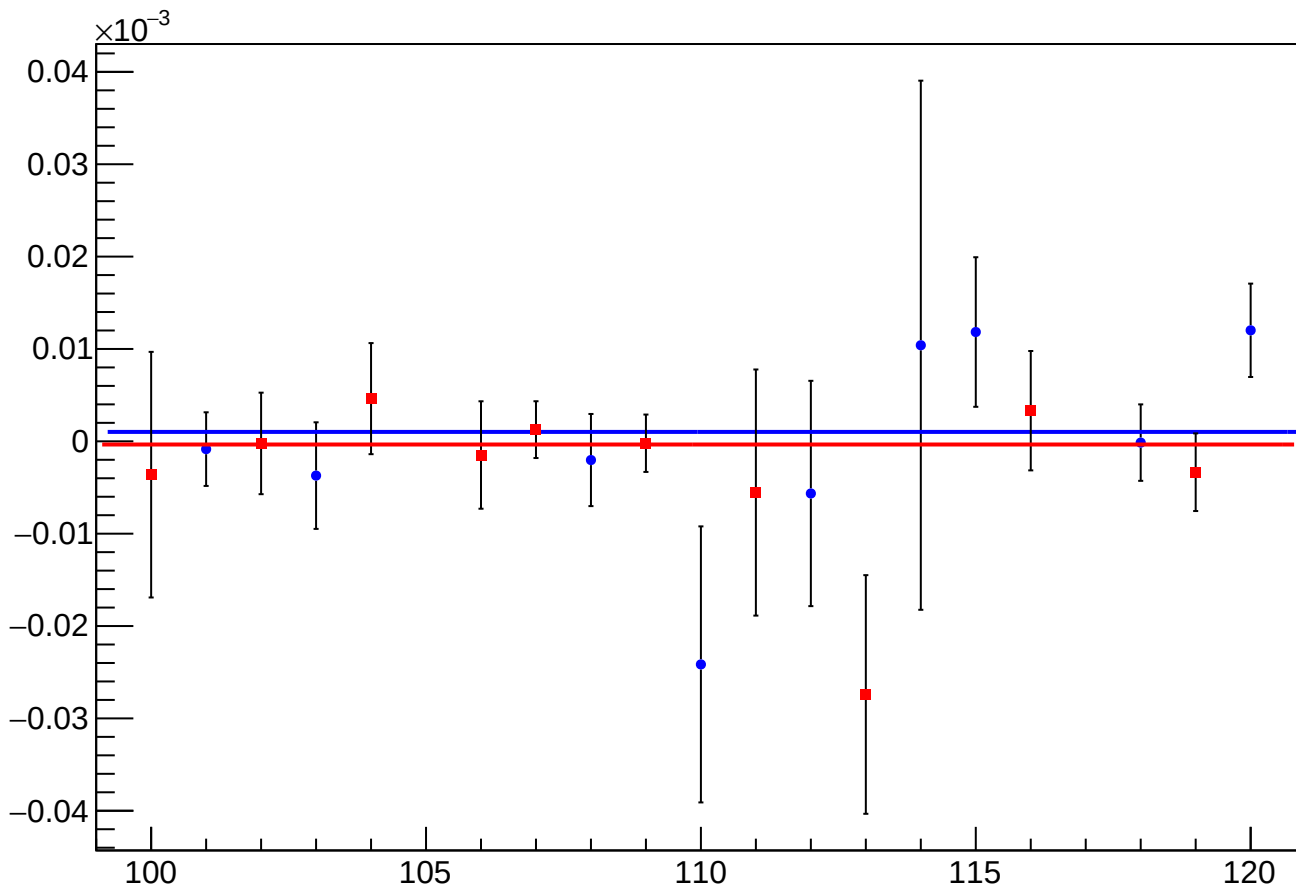
Right: 53.370+/-0.014 χ^2/NDF : 547352.4/18

In: 55.677+/-0.021 χ^2/NDF :247564.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 53.370+/-0.014 χ^2/NDF : 547352.4/18

asym_sam_2468_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

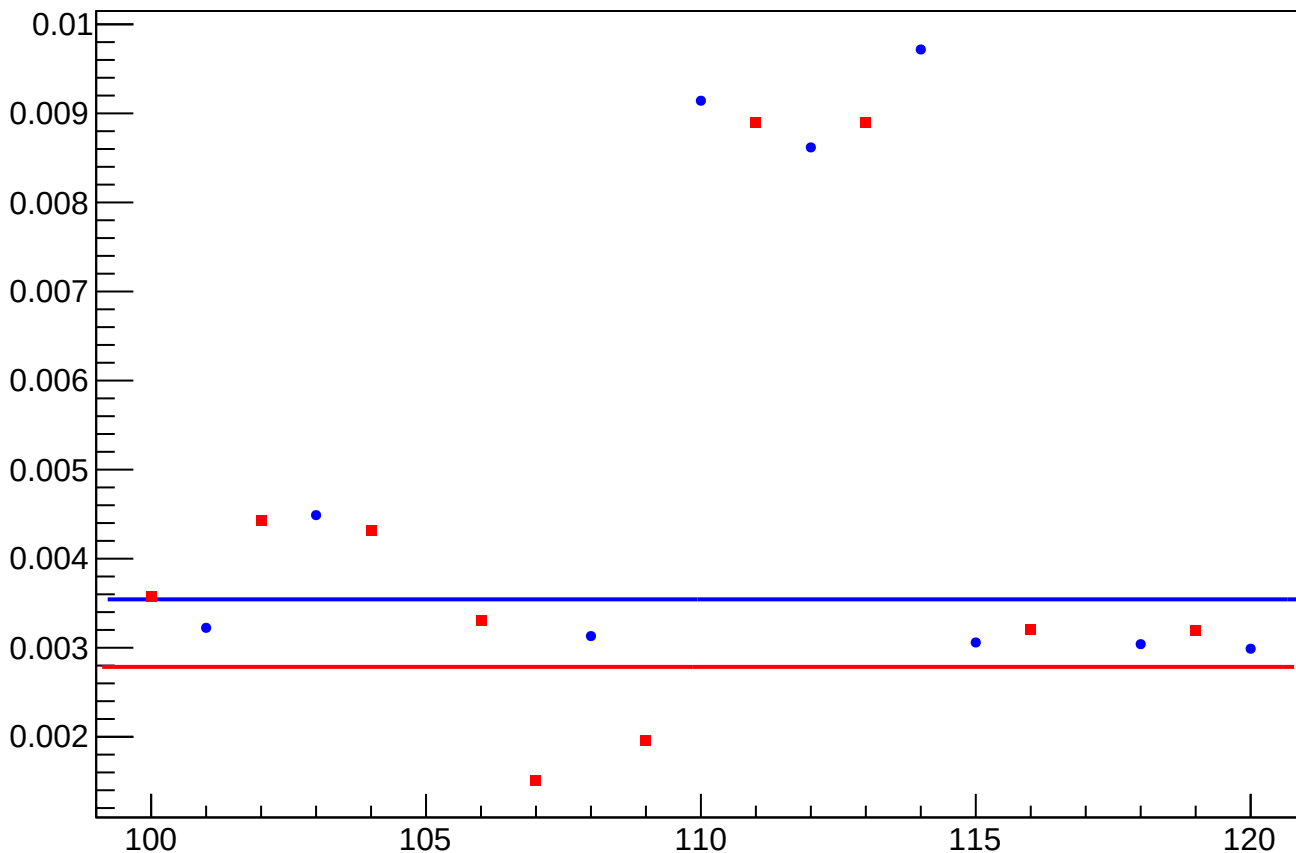
Right: 0.000+/-0.000 χ^2/NDF : 17.8/18

In: 0.000+/-0.000 χ^2/NDF : 11.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.8/18

asym_sam_2468_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 860828.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1713622.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

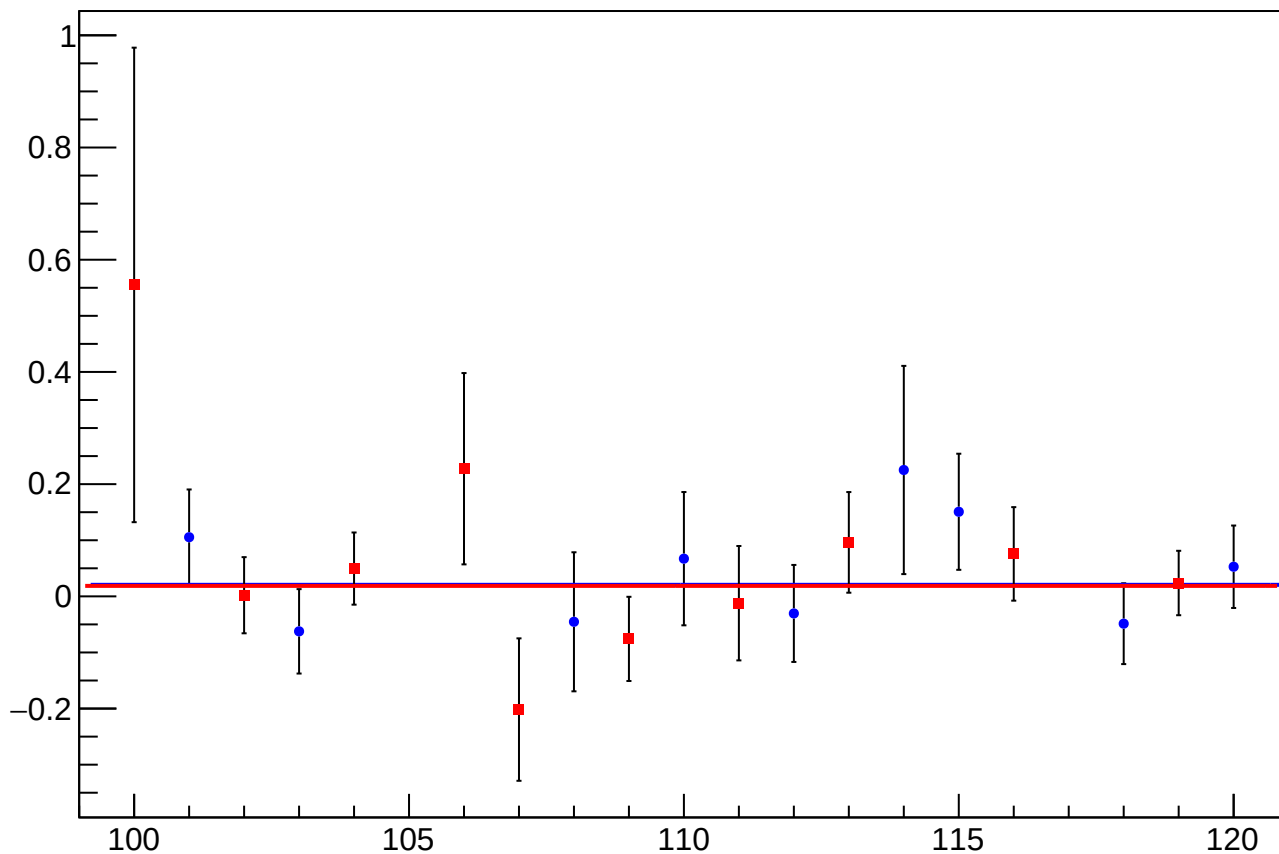
Right: 0.003+/-0.000 χ^2/NDF : 2754615.9/18

In: 0.004+/-0.000 χ^2/NDF :860828.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 2754615.9/18

asym_sam_2468_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.030 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.019+/-0.027 χ^2/NDF : 9.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

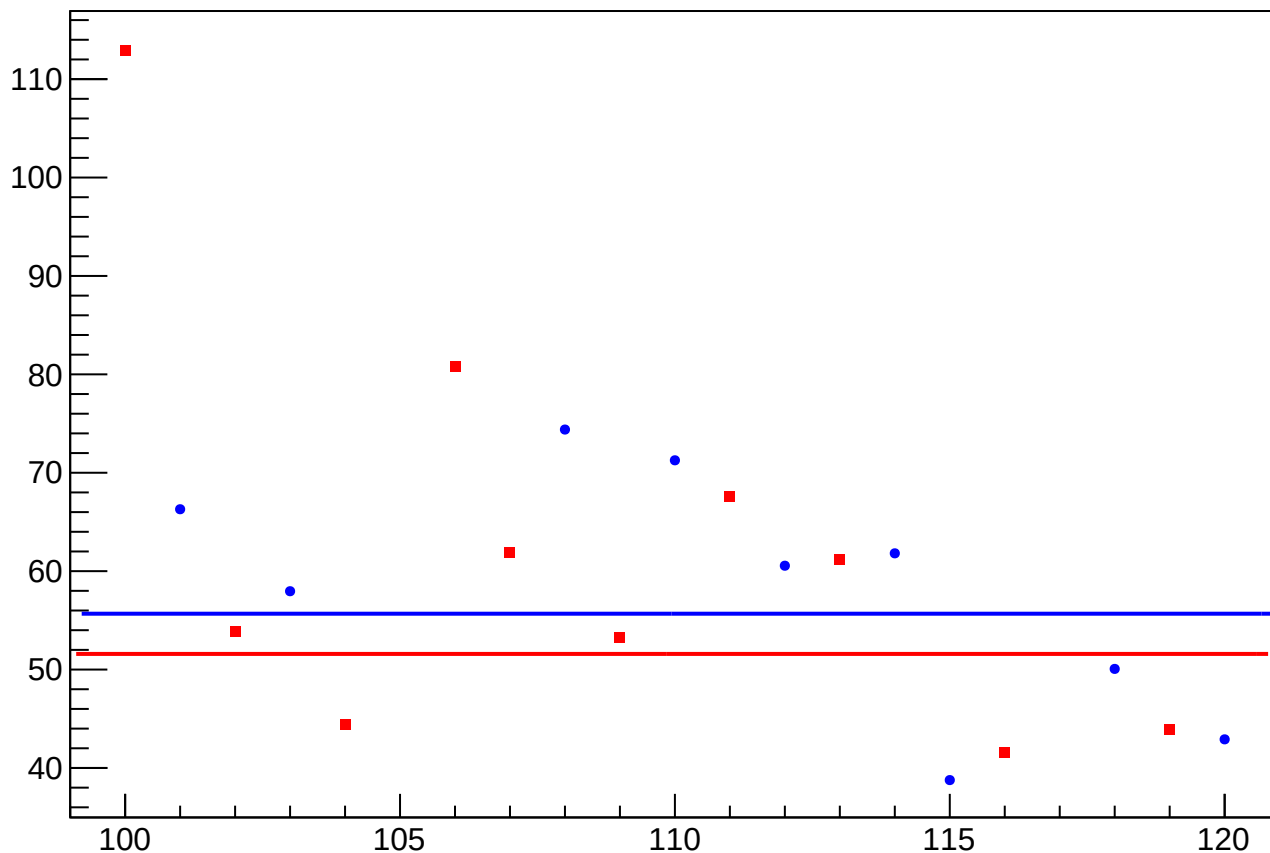
Right: 0.019+/-0.020 χ^2/NDF : 16.2/18

In: 0.021+/-0.030 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.020 χ^2/NDF : 16.2/18

asym_sam_2468_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.676 $\pm$ 0.021 χ^2 /NDF: 247538.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 51.589 $\pm$ 0.019 χ^2 /NDF: 279273.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

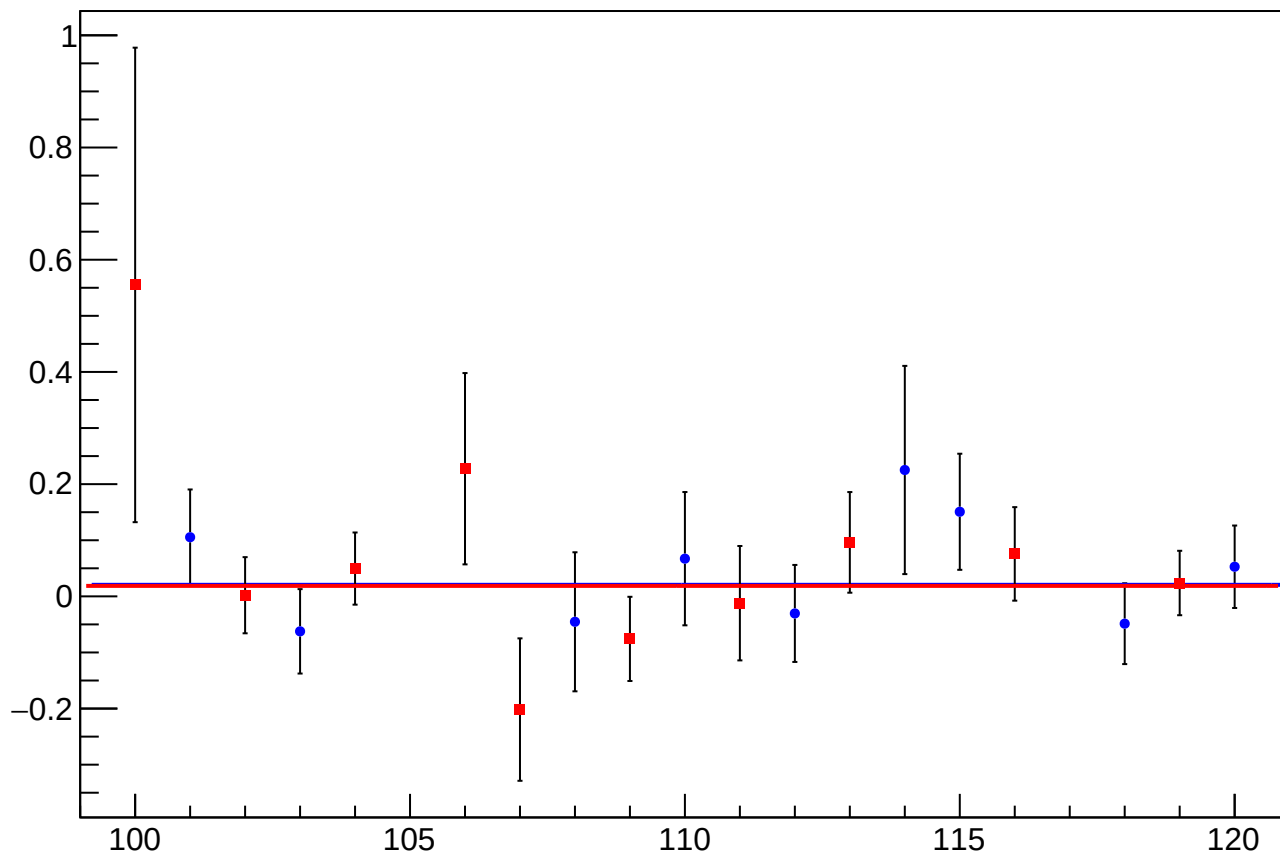
Right: 53.369 $\pm$ 0.014 χ^2 /NDF: 547272.3/18

In: 55.676 $\pm$ 0.021 χ^2 /NDF:247538.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 53.369 $\pm$ 0.014 χ^2 /NDF: 547272.3/18

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.030 χ^2/NDF : 6.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.019+/-0.027 χ^2/NDF : 9.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

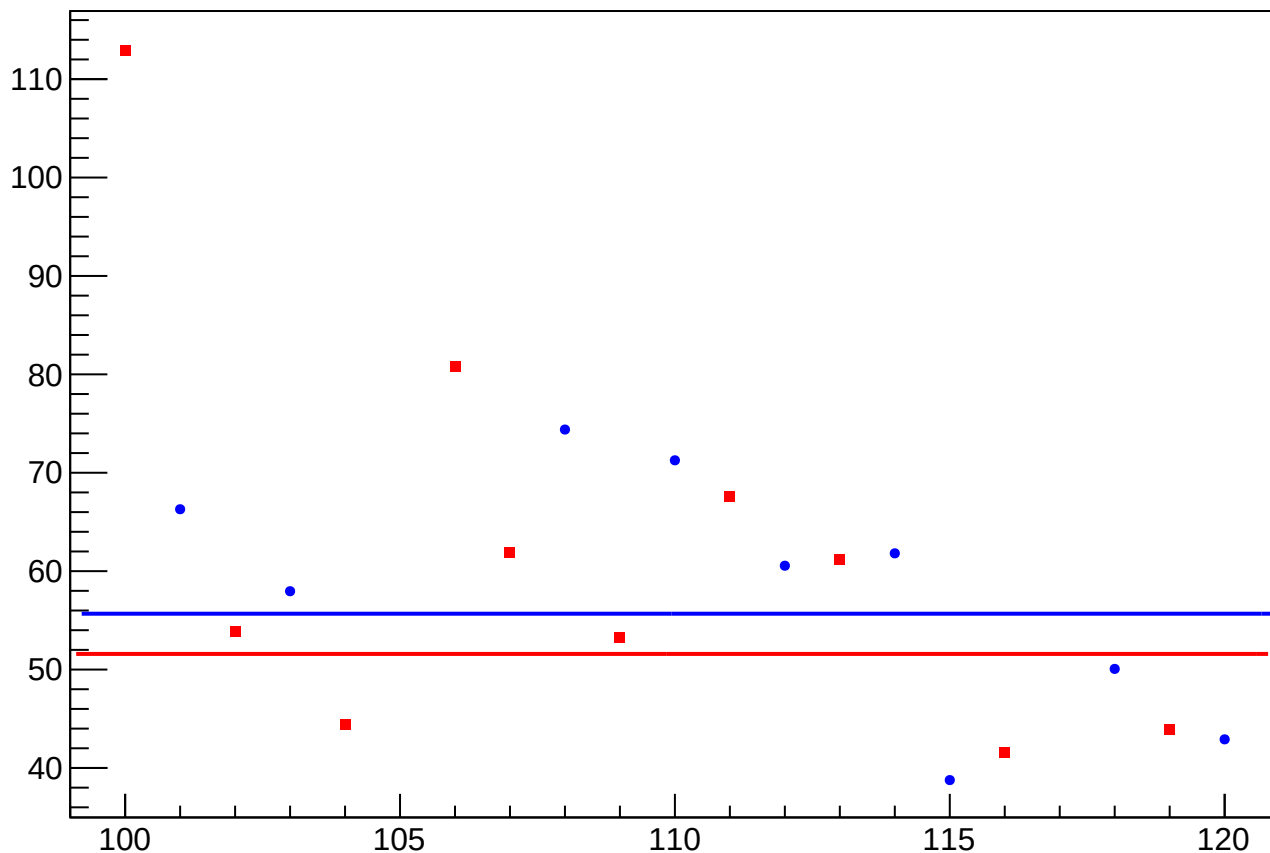
Right: 0.019+/-0.020 χ^2/NDF : 16.2/18

In: 0.021+/-0.030 χ^2/NDF : 6.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.020 χ^2/NDF : 16.2/18

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.676+/-0.021 χ^2/NDF : 247538.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.589+/-0.019 χ^2/NDF : 279273.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

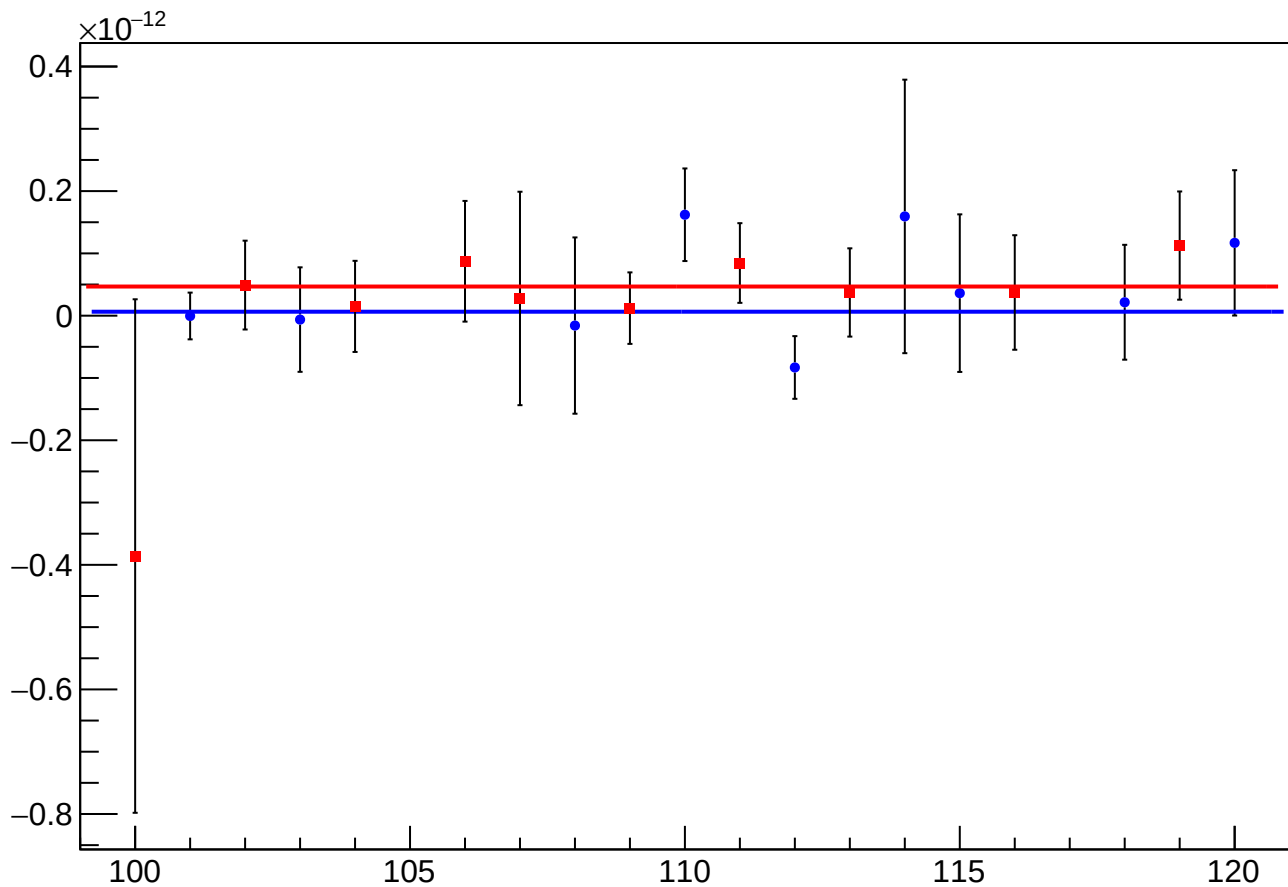
Right: 53.369+/-0.014 χ^2/NDF : 547272.3/18

In: 55.676+/-0.021 χ^2/NDF : 247538.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.369+/-0.014 χ^2/NDF : 547272.3/18

asym_sam_2468_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

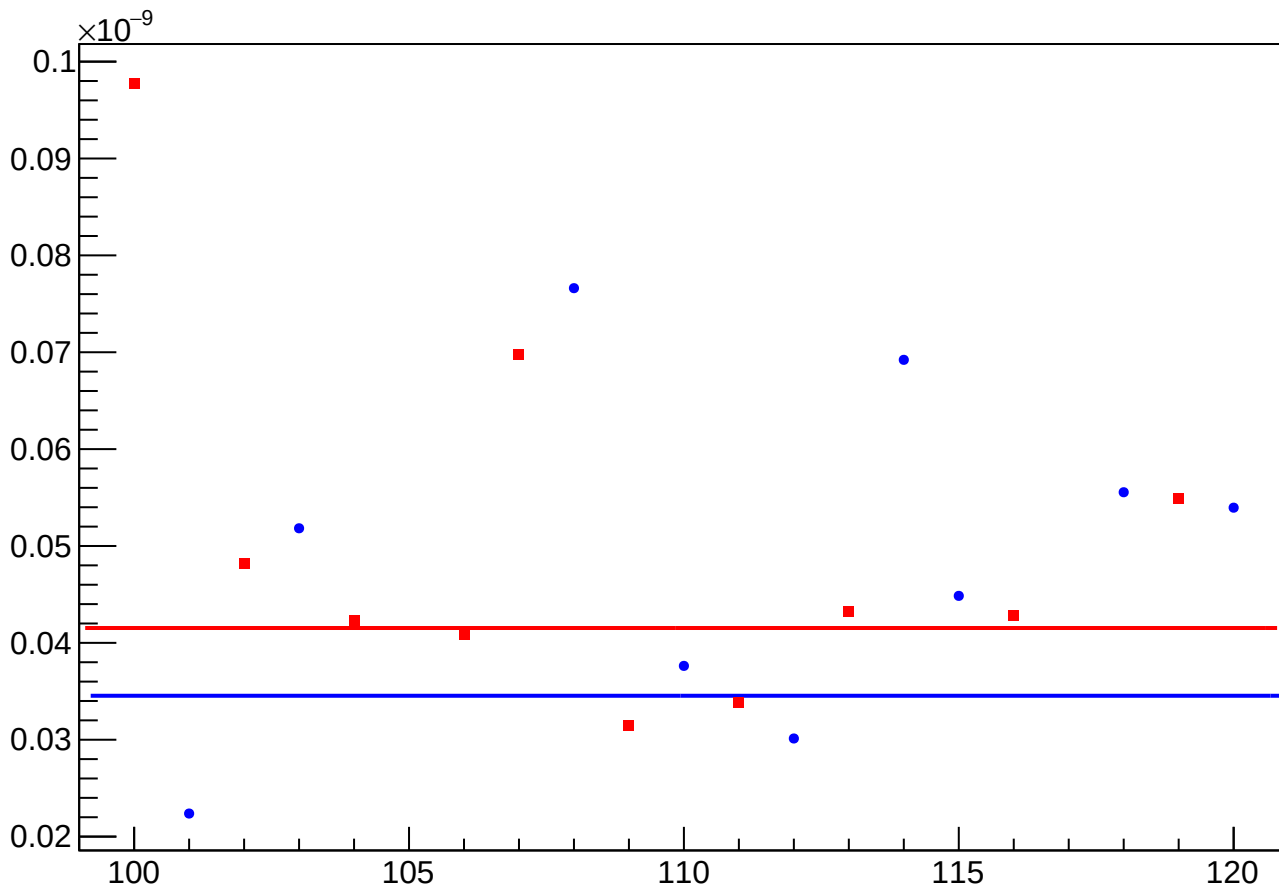
Right: 0.000+/-0.000 χ^2/NDF : 13.2/18

In: 0.000+/-0.000 χ^2/NDF : 9.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.2/18

asym_sam_2468_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 713069.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 248245.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

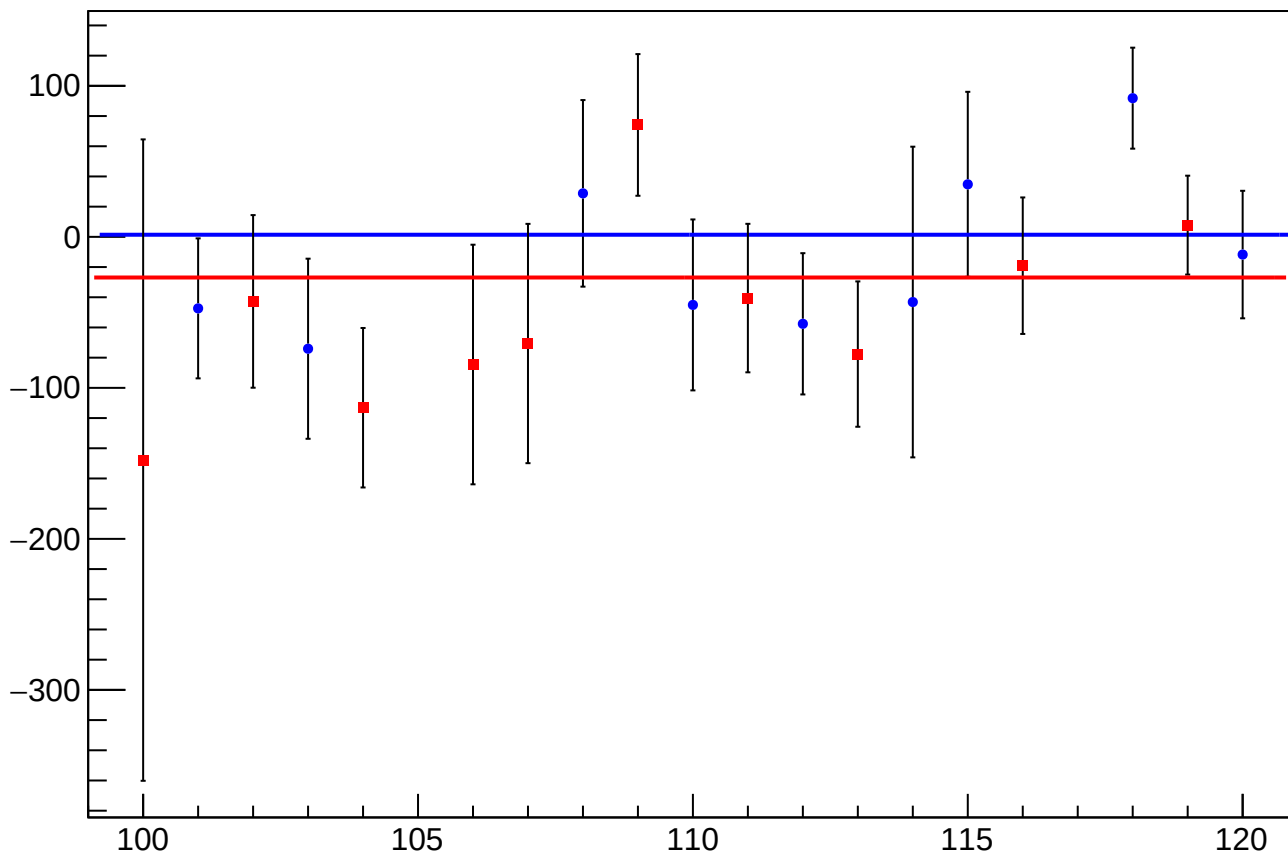
Right: 0.000+/-0.000 χ^2/NDF : 1041181.3/18

In: 0.000+/-0.000 χ^2/NDF : 713069.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1041181.3/18

reg_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: 1.399+/-16.680 χ^2/NDF : 13.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -26.918+/-16.380 χ^2/NDF : 10.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

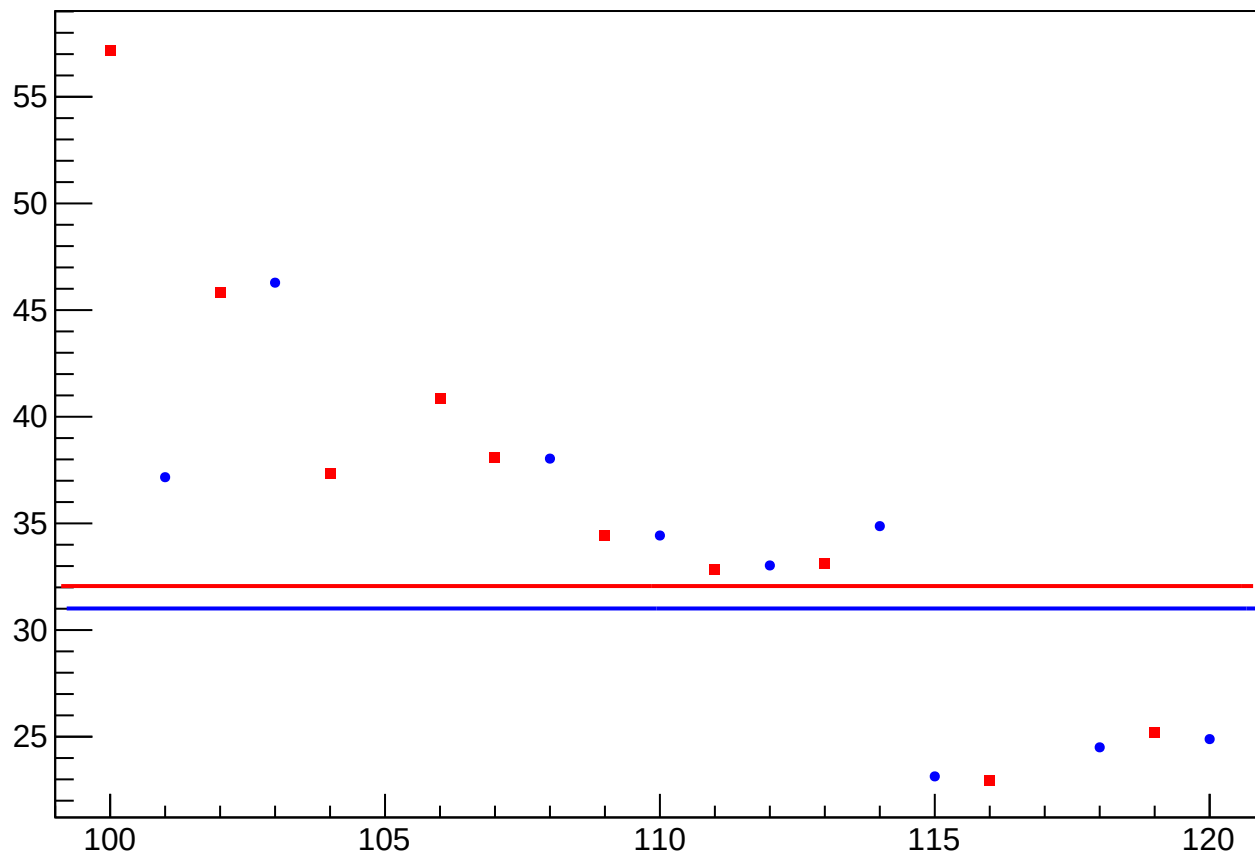
Right: -13.017+/-11.687 χ^2/NDF : 25.4/18

In: 1.399+/-16.680 χ^2/NDF : 13.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.017+/-11.687 χ^2/NDF : 25.4/18

reg_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 31.011+/-0.012 χ^2/NDF : 357085.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.062+/-0.012 χ^2/NDF : 375877.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

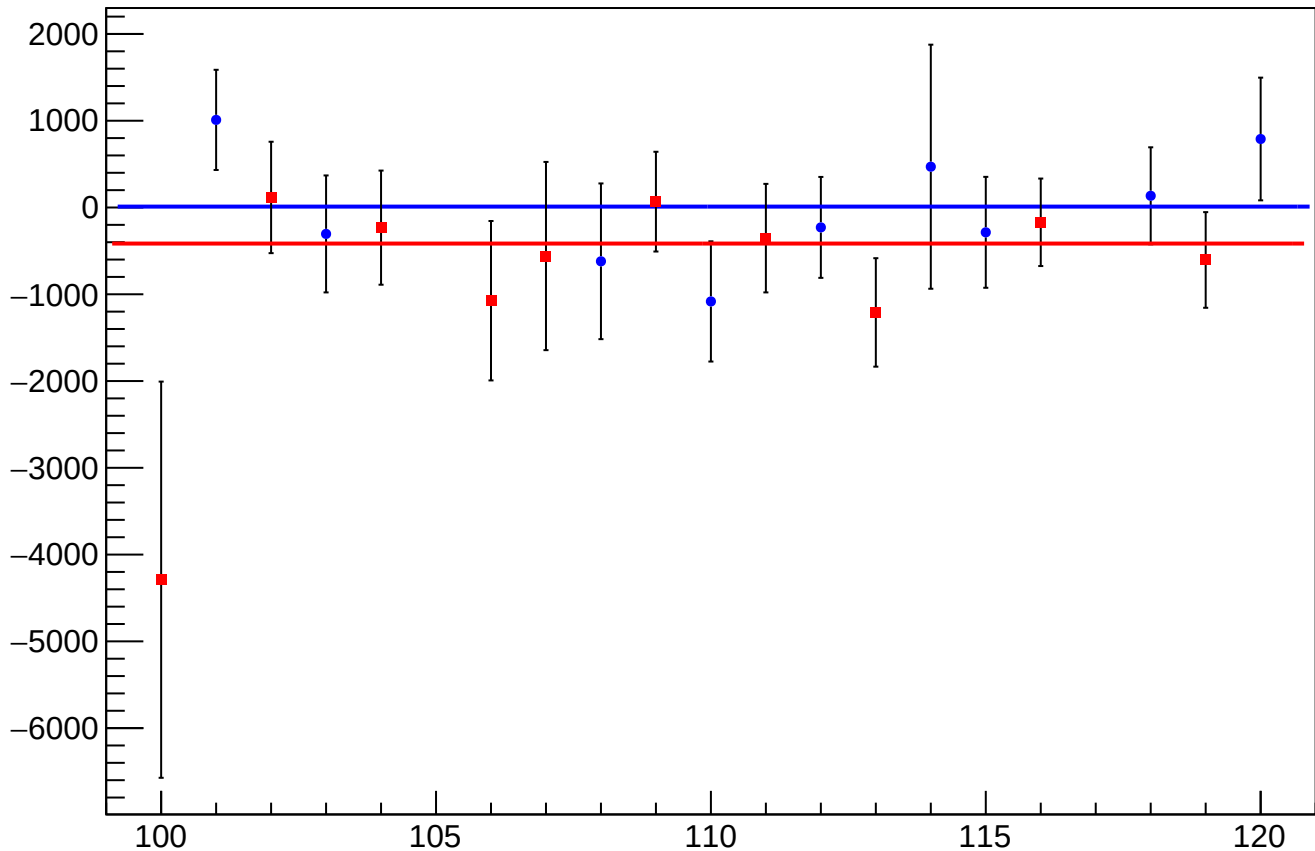
Right: 31.546+/-0.008 χ^2/NDF : 737006.1/18

In: 31.011+/-0.012 χ^2/NDF : 357085.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.546+/-0.008 χ^2/NDF : 737006.1/18

asym_sam_1357_2468_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 10.394+/-225.650 χ^2/NDF : 8.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -415.553+/-211.595 χ^2/NDF : 6.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

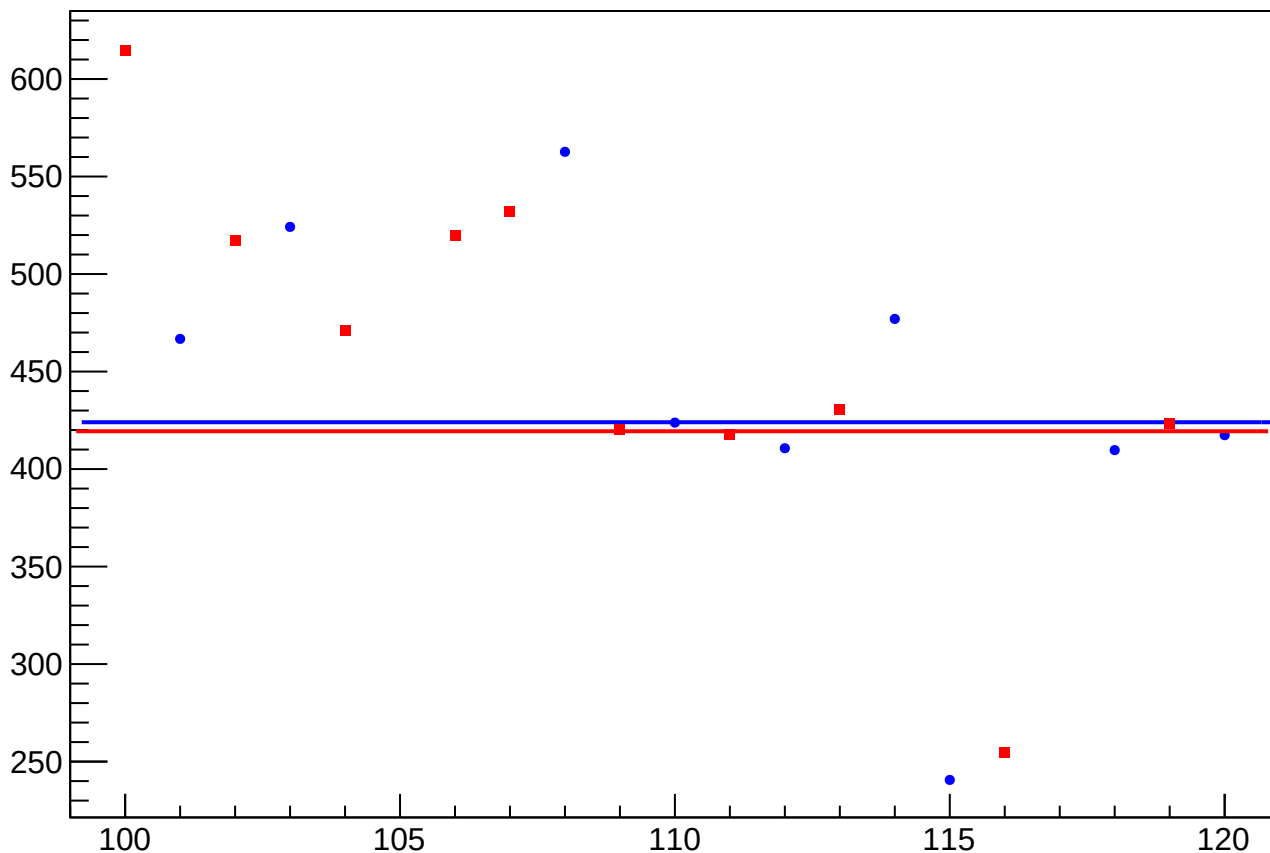
Right: -216.257+/-154.350 χ^2/NDF : 16.7/18

In: 10.394+/-225.650 χ^2/NDF : 8.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -216.257+/-154.350 χ^2/NDF : 16.7/18

asym_sam_1357_2468_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 424.010+/-0.160 χ^2/NDF : 272968.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 419.384+/-0.150 χ^2/NDF : 332517.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

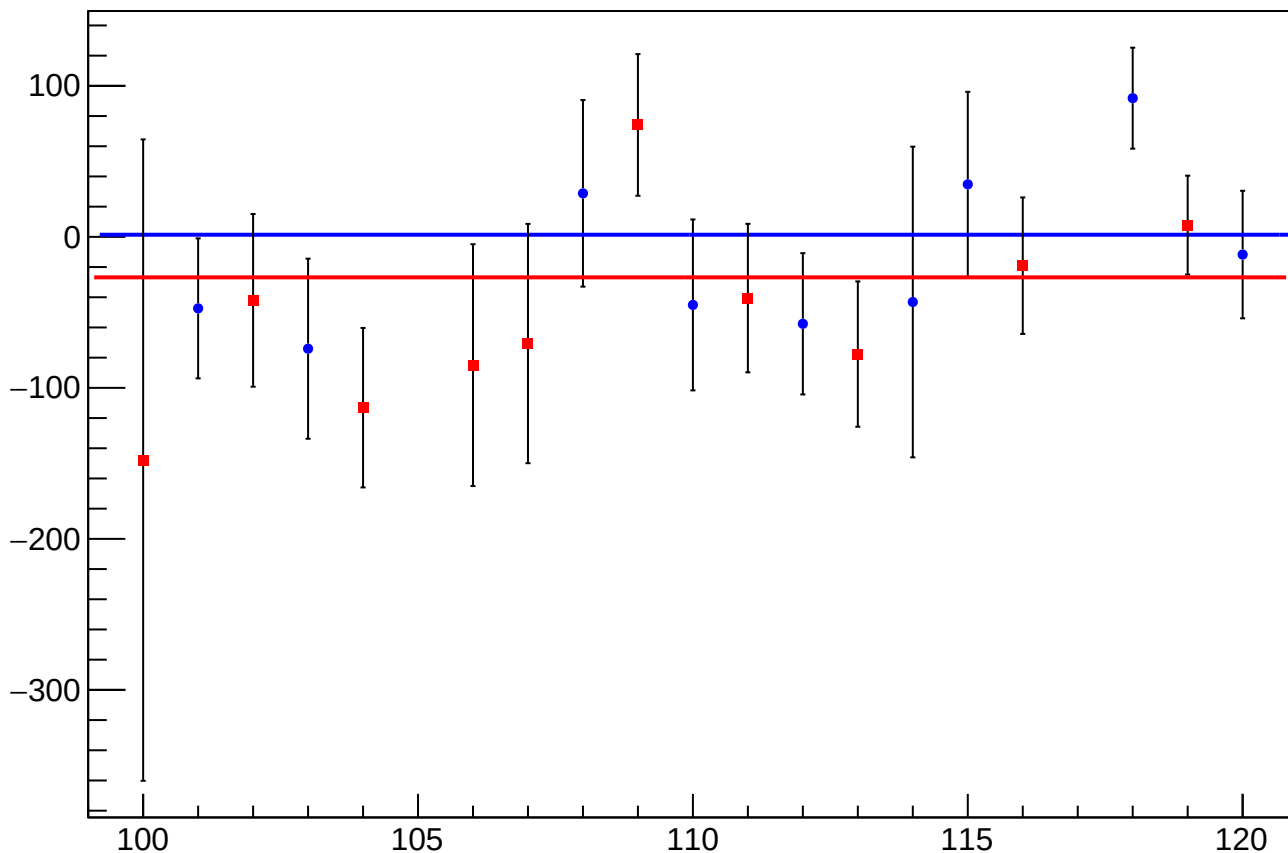
Right: 421.548+/-0.109 χ^2/NDF : 605933.2/18

In: 424.010+/-0.160 χ^2/NDF : 272968.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 421.548+/-0.109 χ^2/NDF : 605933.2/18

cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: 1.403+/-16.680 χ^2/NDF : 13.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -26.825+/-16.387 χ^2/NDF : 10.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

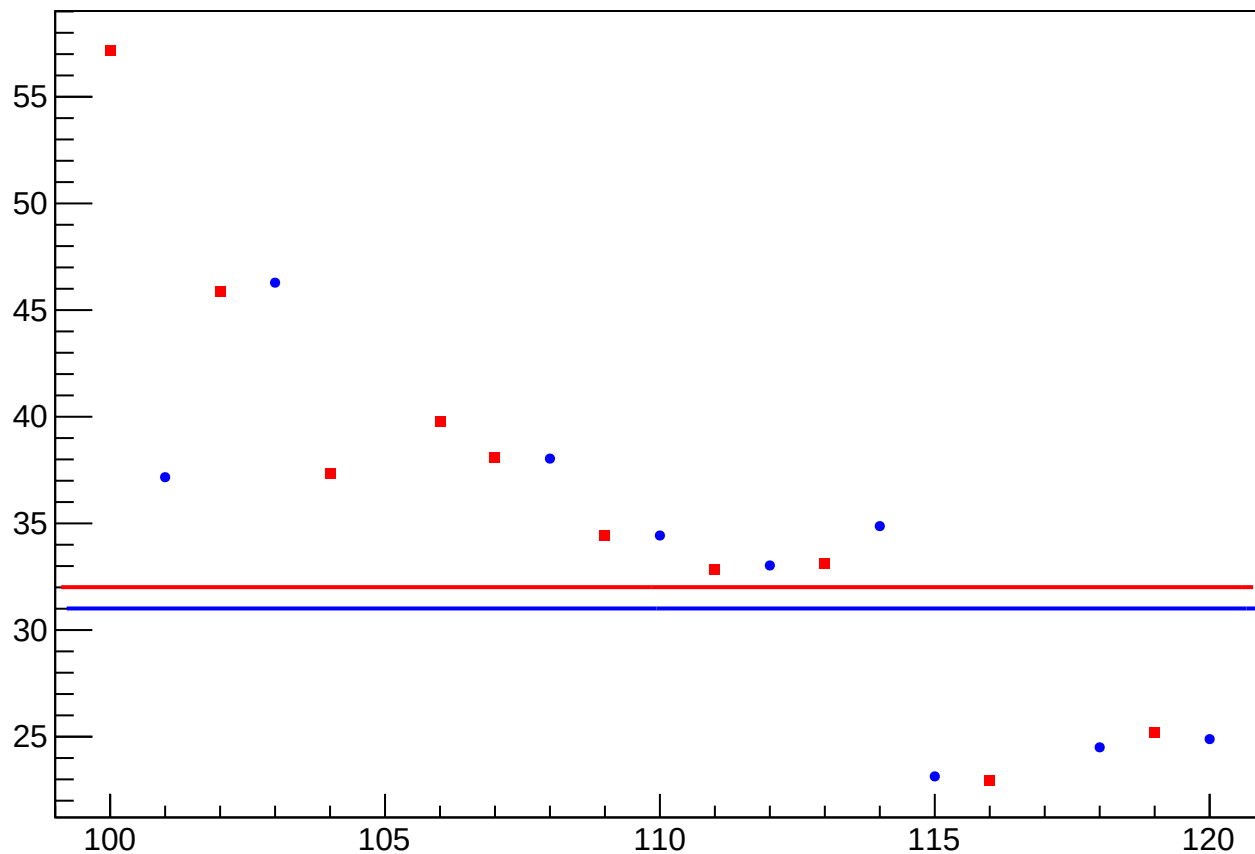
Right: -12.962+/-11.689 χ^2/NDF : 25.4/18

In: 1.403+/-16.680 χ^2/NDF : 13.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.962+/-11.689 χ^2/NDF : 25.4/18

cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 31.011+/-0.012 χ^2/NDF : 357088.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.011+/-0.012 χ^2/NDF : 370057.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

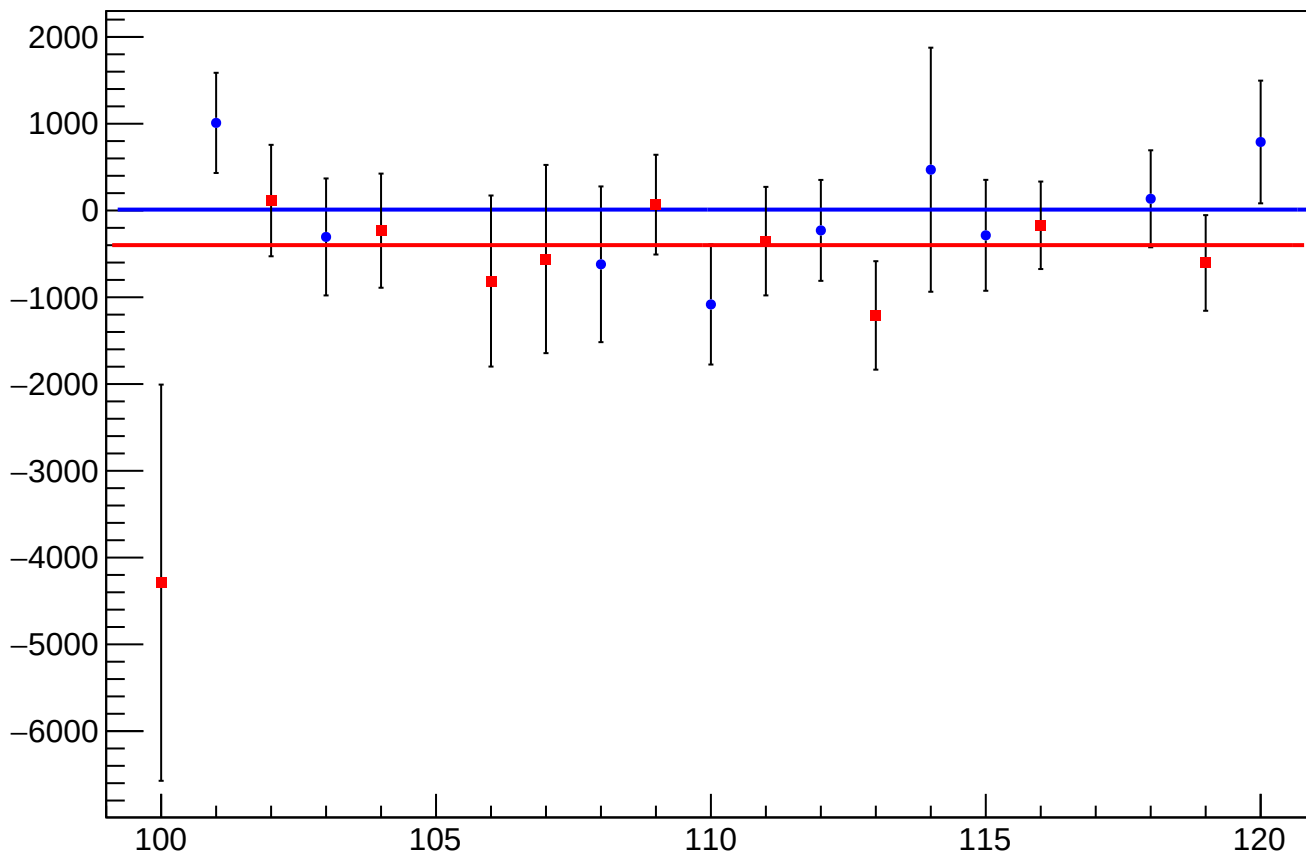
Right: 31.520+/-0.008 χ^2/NDF : 730799.3/18

In: 31.011+/-0.012 χ^2/NDF : 357088.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.520+/-0.008 χ^2/NDF : 730799.3/18

asym_sam_1357_2468_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 10.371+/-225.651 χ^2 /NDF: 8.0/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -399.024+/-212.349 χ^2 /NDF: 6.5/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

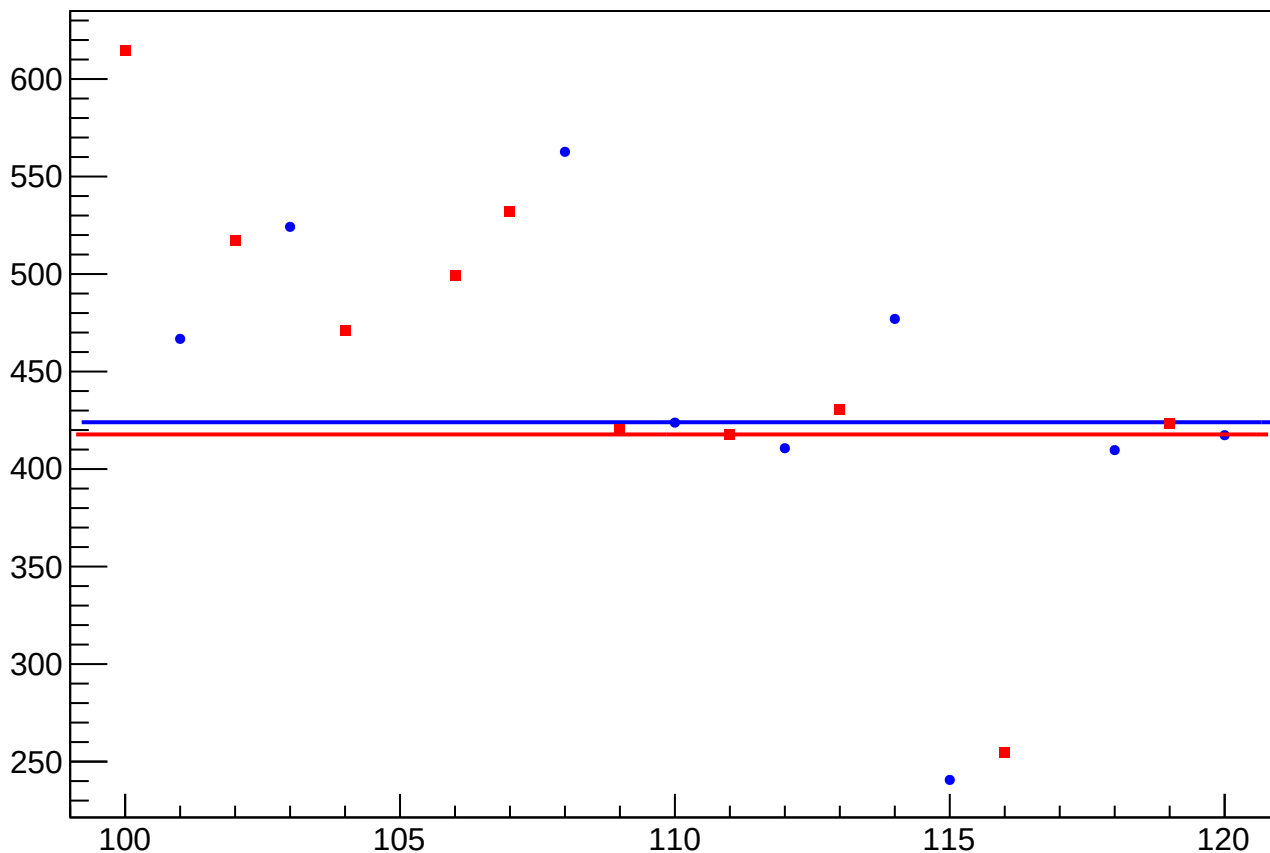
Right: -206.748+/-154.642 χ^2 /NDF: 16.2/18

In: 10.371+/-225.651 χ^2 /NDF:8.0/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -206.748+/-154.642 χ^2 /NDF: 16.2/18

asym_sam_1357_2468_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 424.011+/-0.160 χ^2/NDF : 272990.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 417.751+/-0.150 χ^2/NDF : 321875.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

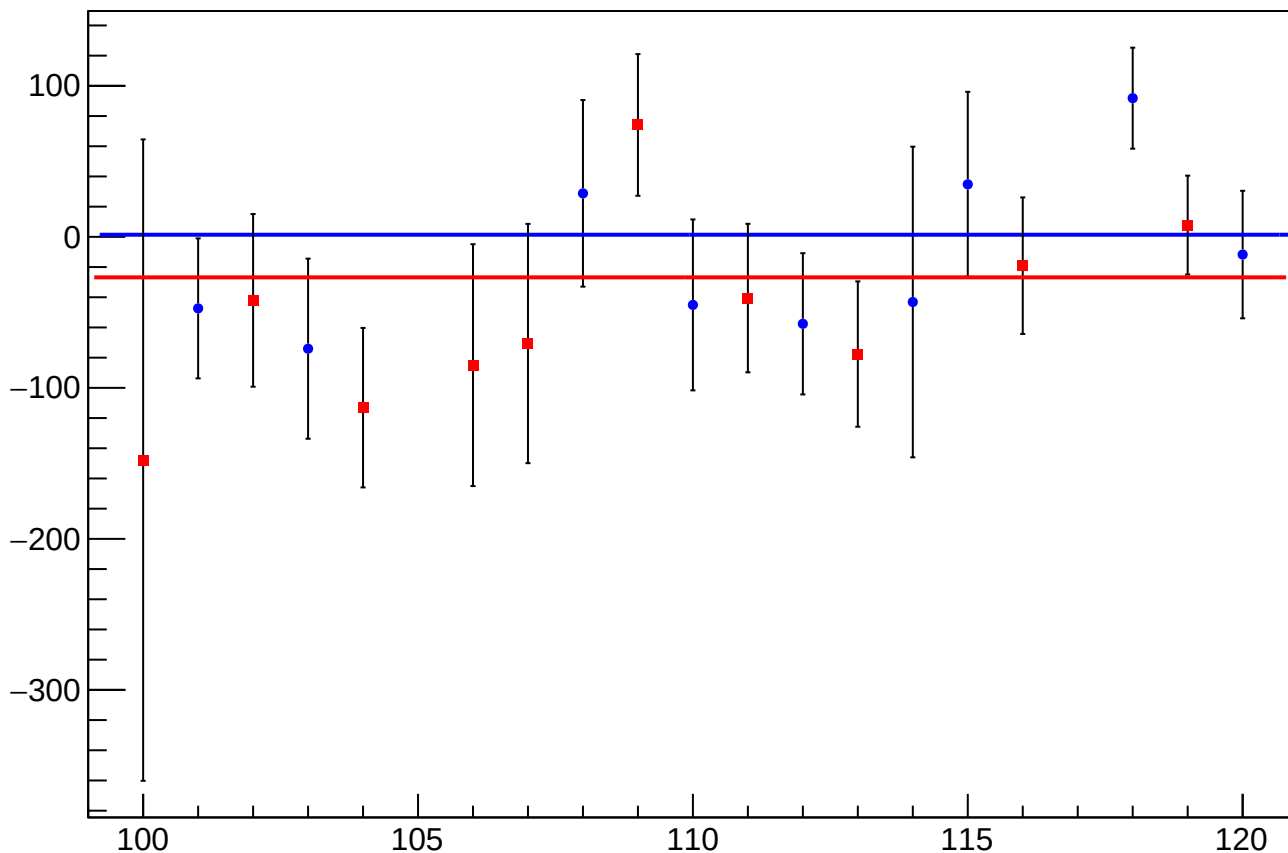
Right: 420.691+/-0.109 χ^2/NDF : 595683.0/18

In: 424.011+/-0.160 χ^2/NDF : 272990.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 420.691+/-0.109 χ^2/NDF : 595683.0/18

eigen_cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: 1.403+/-16.680 χ^2/NDF : 13.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -26.825+/-16.387 χ^2/NDF : 10.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

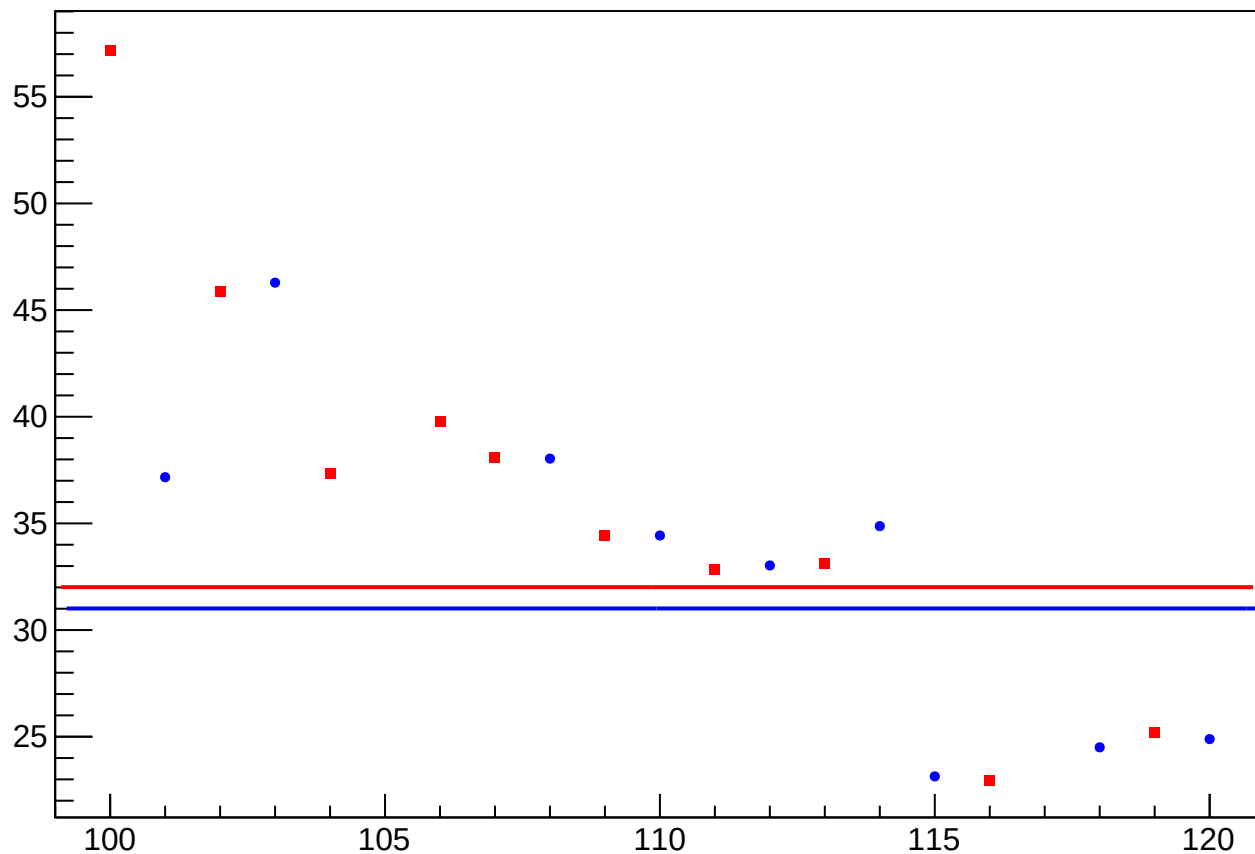
Right: -12.962+/-11.689 χ^2/NDF : 25.4/18

In: 1.403+/-16.680 χ^2/NDF : 13.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.962+/-11.689 χ^2/NDF : 25.4/18

eigen_cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 31.011+/-0.012 χ^2/NDF : 357088.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.011+/-0.012 χ^2/NDF : 370057.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

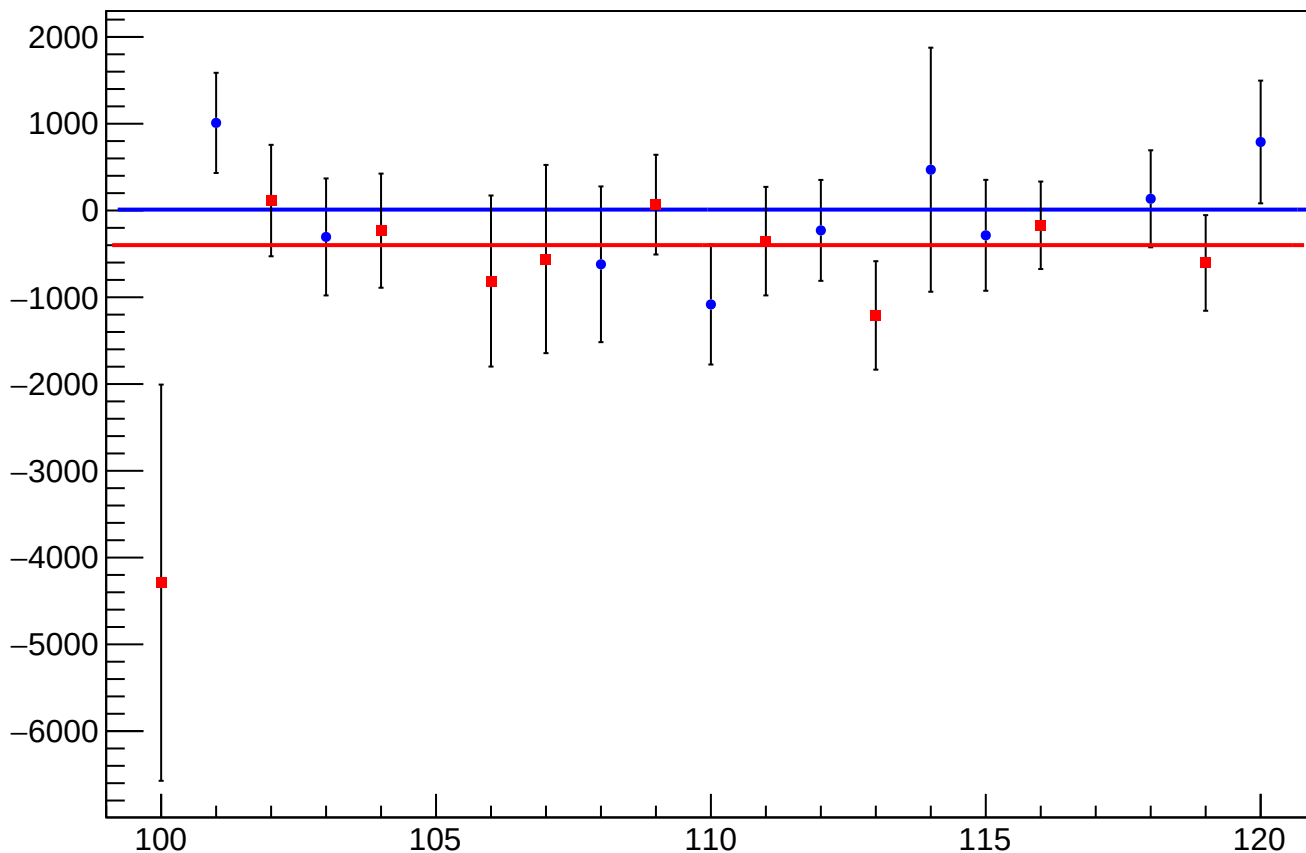
Right: 31.520+/-0.008 χ^2/NDF : 730799.3/18

In: 31.011+/-0.012 χ^2/NDF : 357088.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.520+/-0.008 χ^2/NDF : 730799.3/18

asym_sam_1357_2468_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 10.371+/-225.651 χ^2 /NDF: 8.0/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -399.024+/-212.349 χ^2 /NDF: 6.5/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

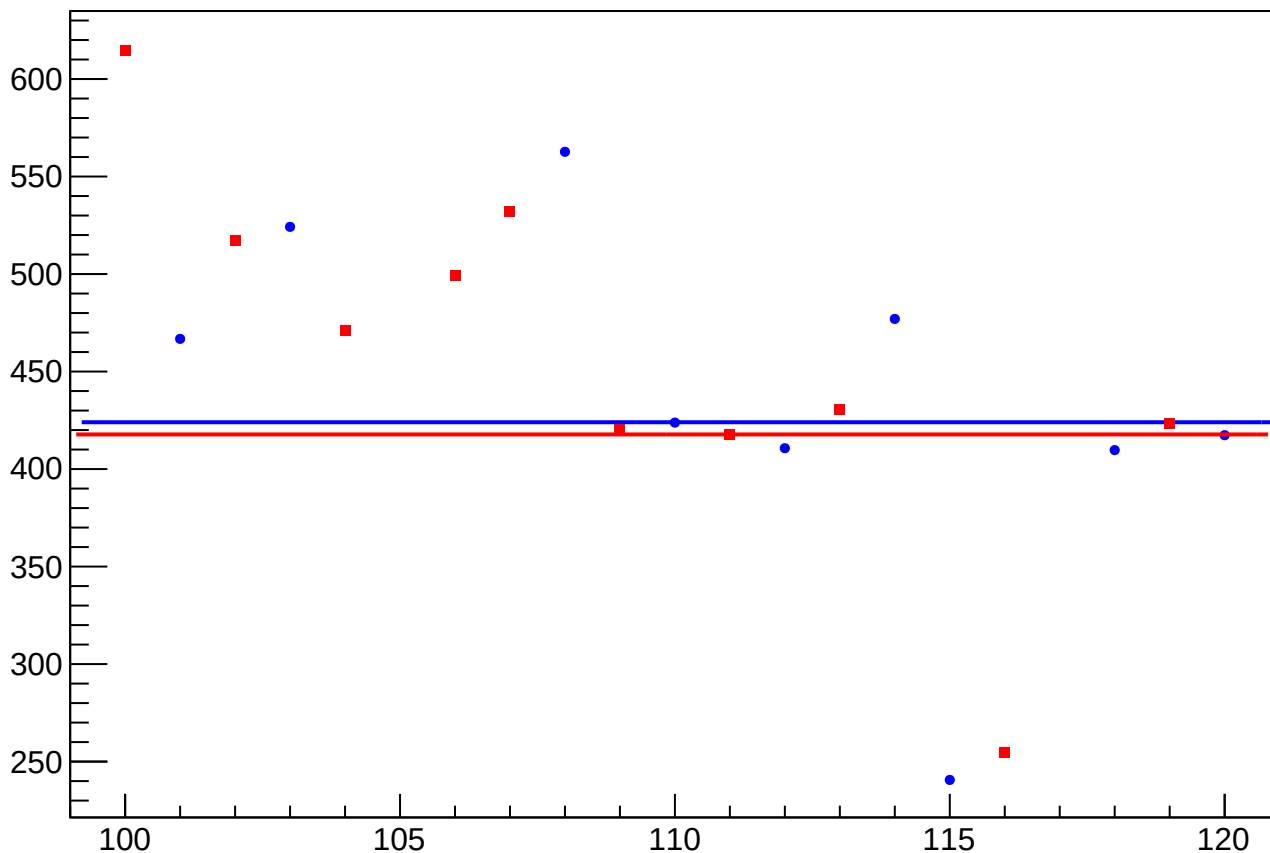
Right: -206.748+/-154.642 χ^2 /NDF: 16.2/18

In: 10.371+/-225.651 χ^2 /NDF:8.0/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -206.748+/-154.642 χ^2 /NDF: 16.2/18

asym_sam_1357_2468_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 424.011 $\pm$ 0.160 χ^2 /NDF: 272990.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 417.751 $\pm$ 0.150 χ^2 /NDF: 321875.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

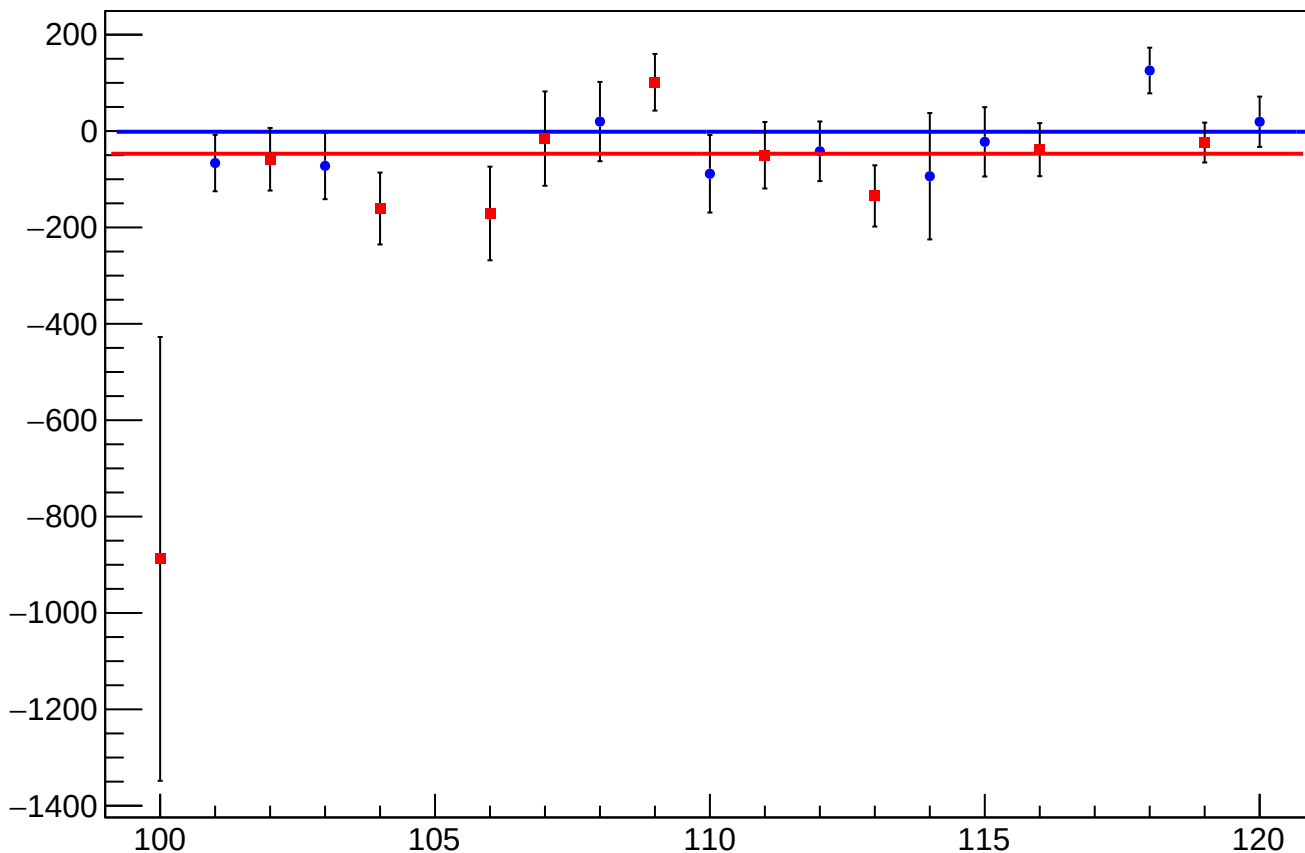
Right: 420.691 $\pm$ 0.109 χ^2 /NDF: 595683.0/18

In: 424.011 $\pm$ 0.160 χ^2 /NDF: 272990.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 420.691 $\pm$ 0.109 χ^2 /NDF: 595683.0/18

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -1.446+/-21.677 χ^2/NDF : 11.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -47.047+/-20.882 χ^2/NDF : 16.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

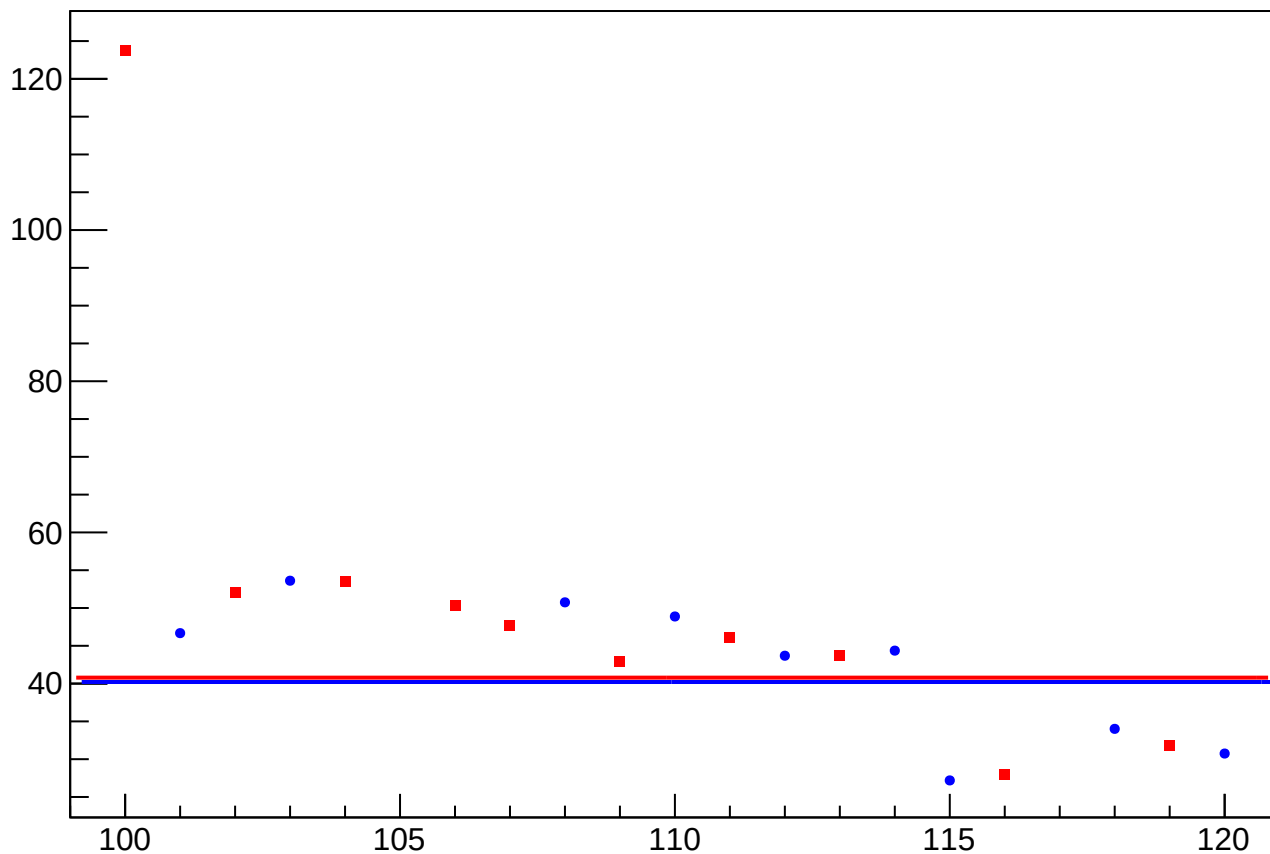
Right: -25.098+/-15.039 χ^2/NDF : 30.2/18

In: -1.446+/-21.677 χ^2/NDF : 11.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.098+/-15.039 χ^2/NDF : 30.2/18

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 40.211+/-0.015 χ^2/NDF : 329500.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.789+/-0.015 χ^2/NDF : 434523.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

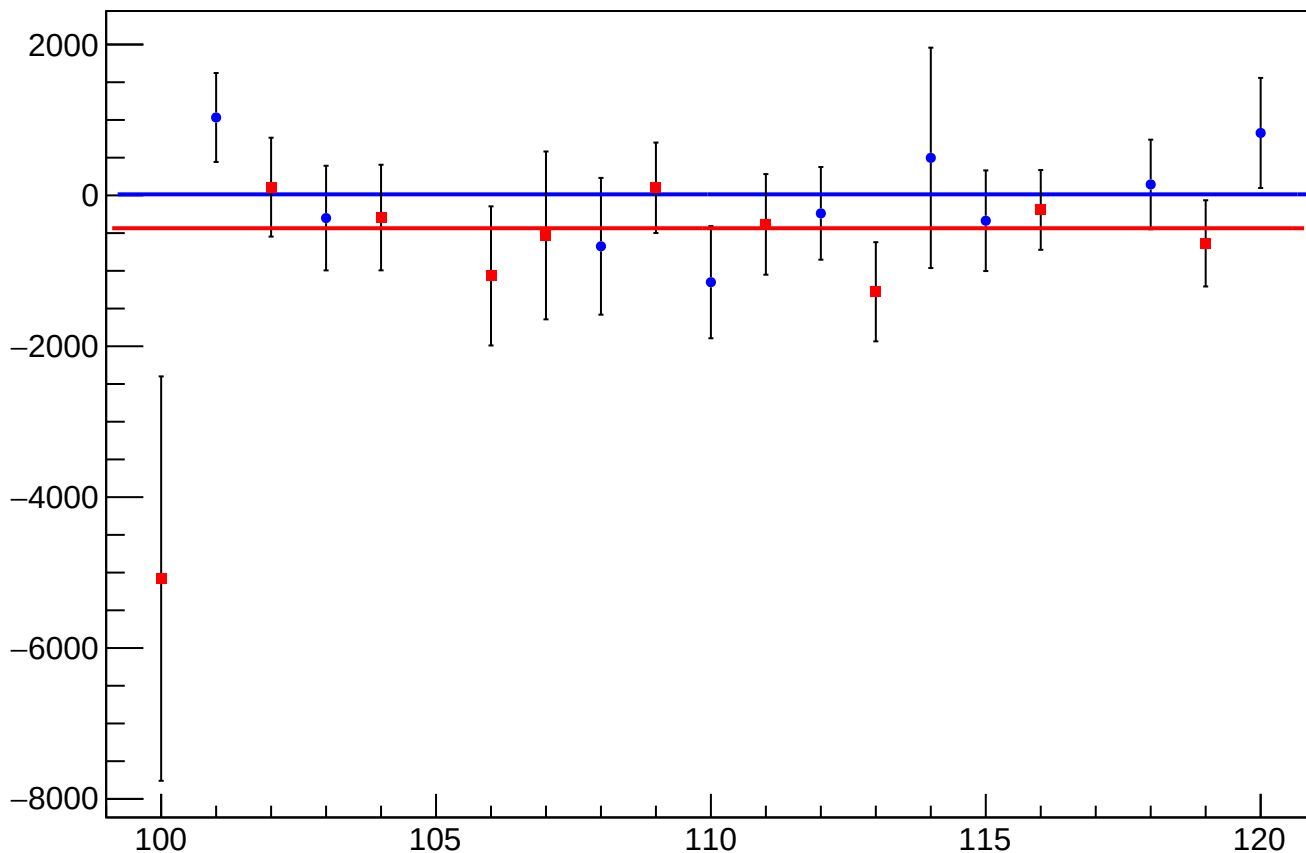
Right: 40.511+/-0.011 χ^2/NDF : 764760.3/18

In: 40.211+/-0.015 χ^2/NDF : 329500.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.511+/-0.011 χ^2/NDF : 764760.3/18

asym_sam_1357_2468_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 13.908 ± 235.307 χ^2/NDF : 8.1/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -435.322 ± 220.977 χ^2/NDF : 7.0/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

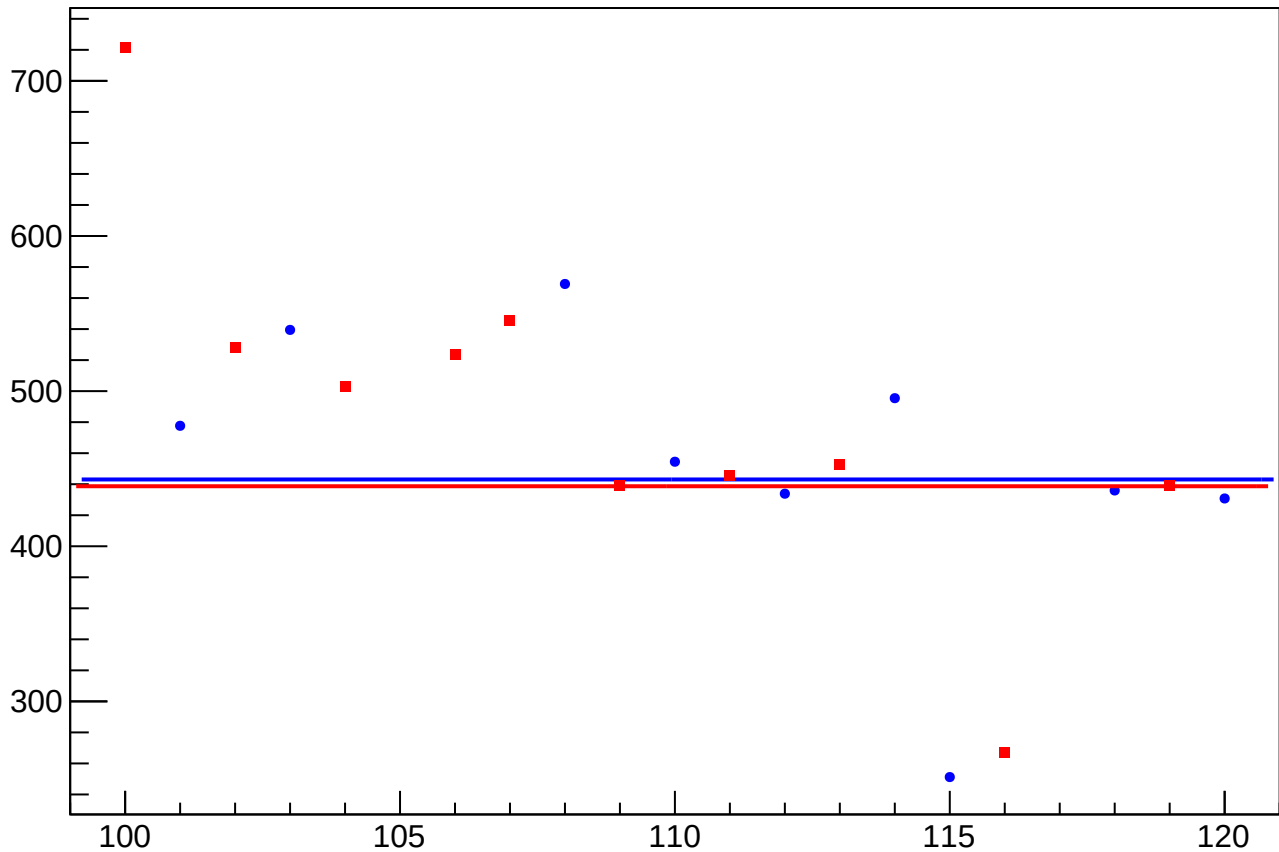
Right: -224.802 ± 161.082 χ^2/NDF : 17.0/18

In: 13.908 ± 235.307 χ^2/NDF : 8.1/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -224.802 ± 161.082 χ^2/NDF : 17.0/18

asym_sam_1357_2468_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 443.058+/-0.166 χ^2/NDF : 253946.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 438.691+/-0.156 χ^2/NDF : 323087.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

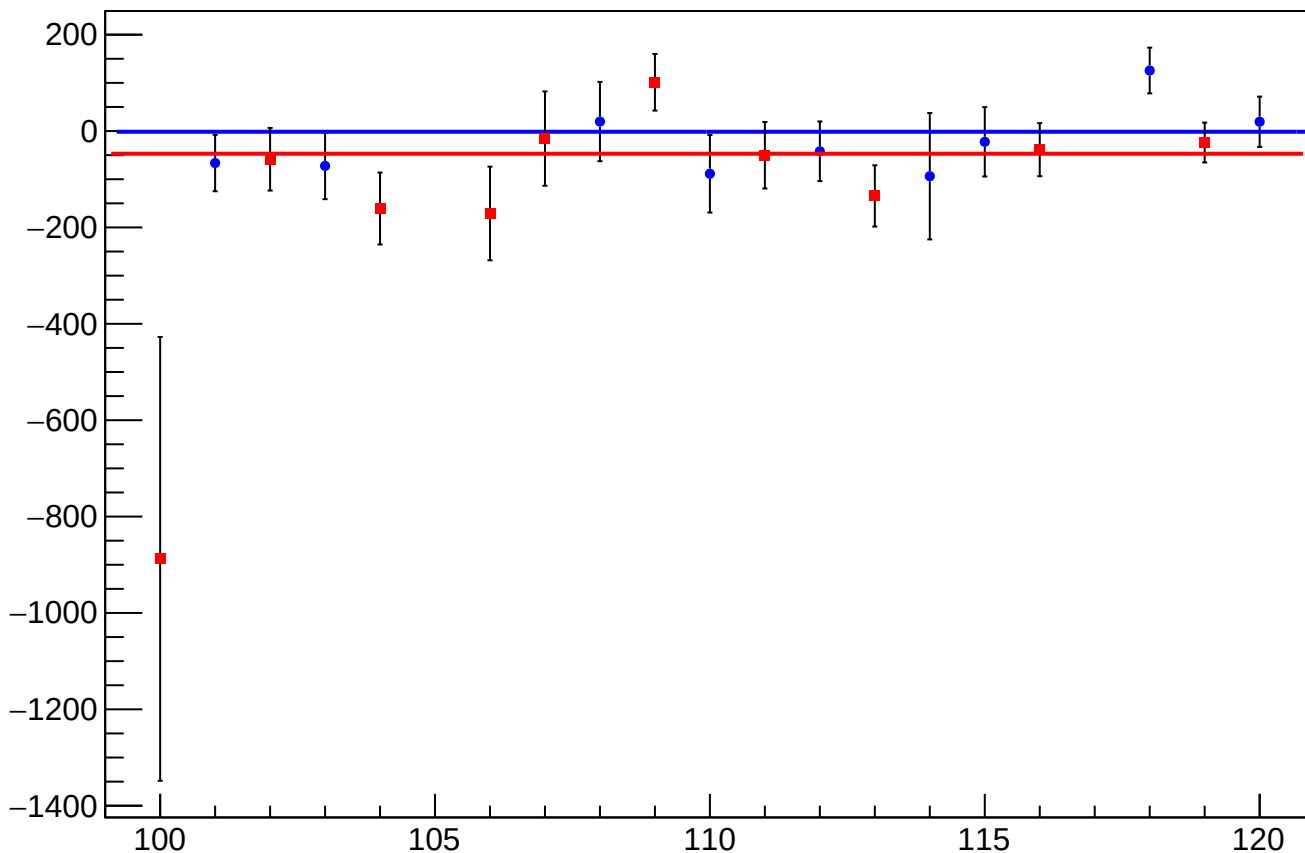
Right: 440.737+/-0.114 χ^2/NDF : 577400.1/18

In: 443.058+/-0.166 χ^2/NDF : 253946.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 440.737+/-0.114 χ^2/NDF : 577400.1/18

eigen_dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -1.446+/-21.677 χ^2/NDF : 11.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -47.045+/-20.882 χ^2/NDF : 16.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

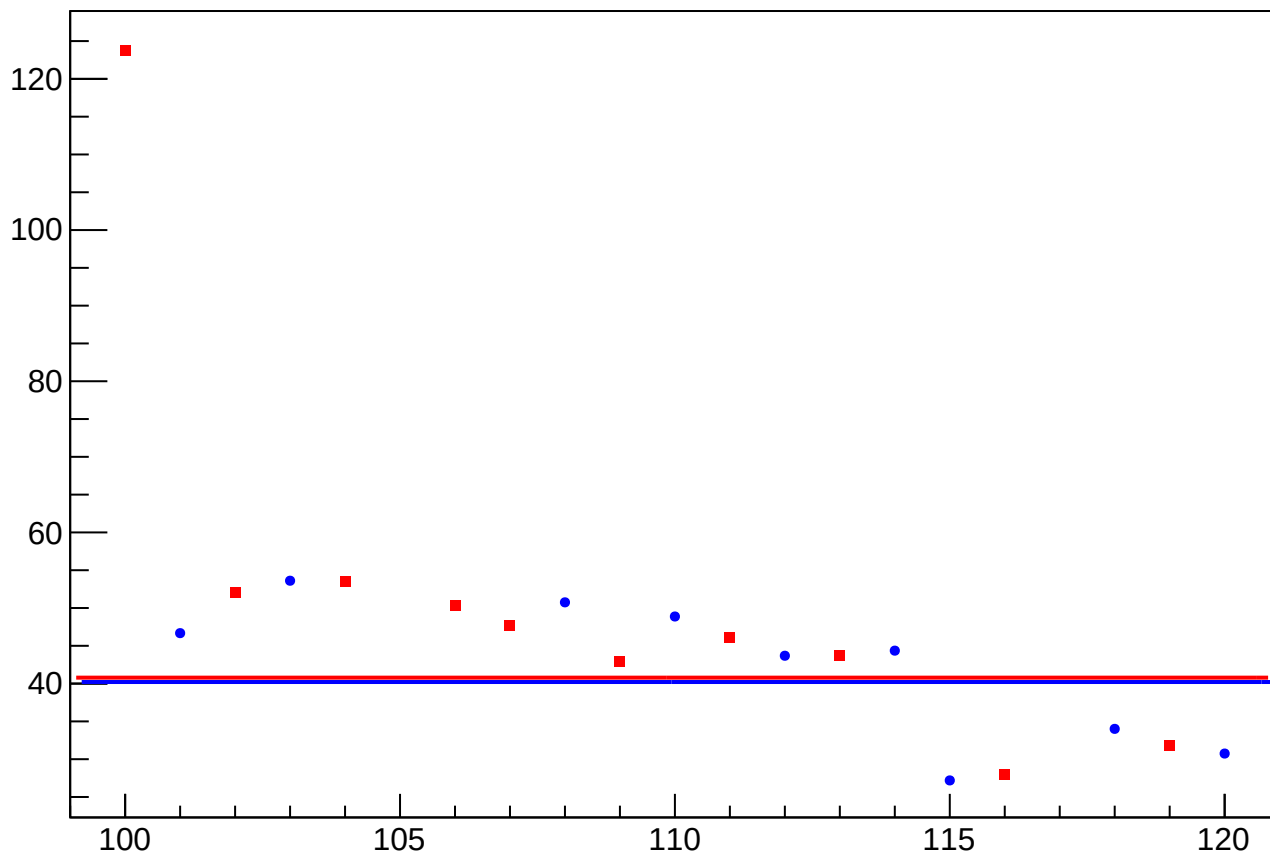
Right: -25.097+/-15.039 χ^2/NDF : 30.2/18

In: -1.446+/-21.677 χ^2/NDF : 11.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.097+/-15.039 χ^2/NDF : 30.2/18

eigen_dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 40.210+/-0.015 χ^2/NDF : 329498.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.788+/-0.015 χ^2/NDF : 434514.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

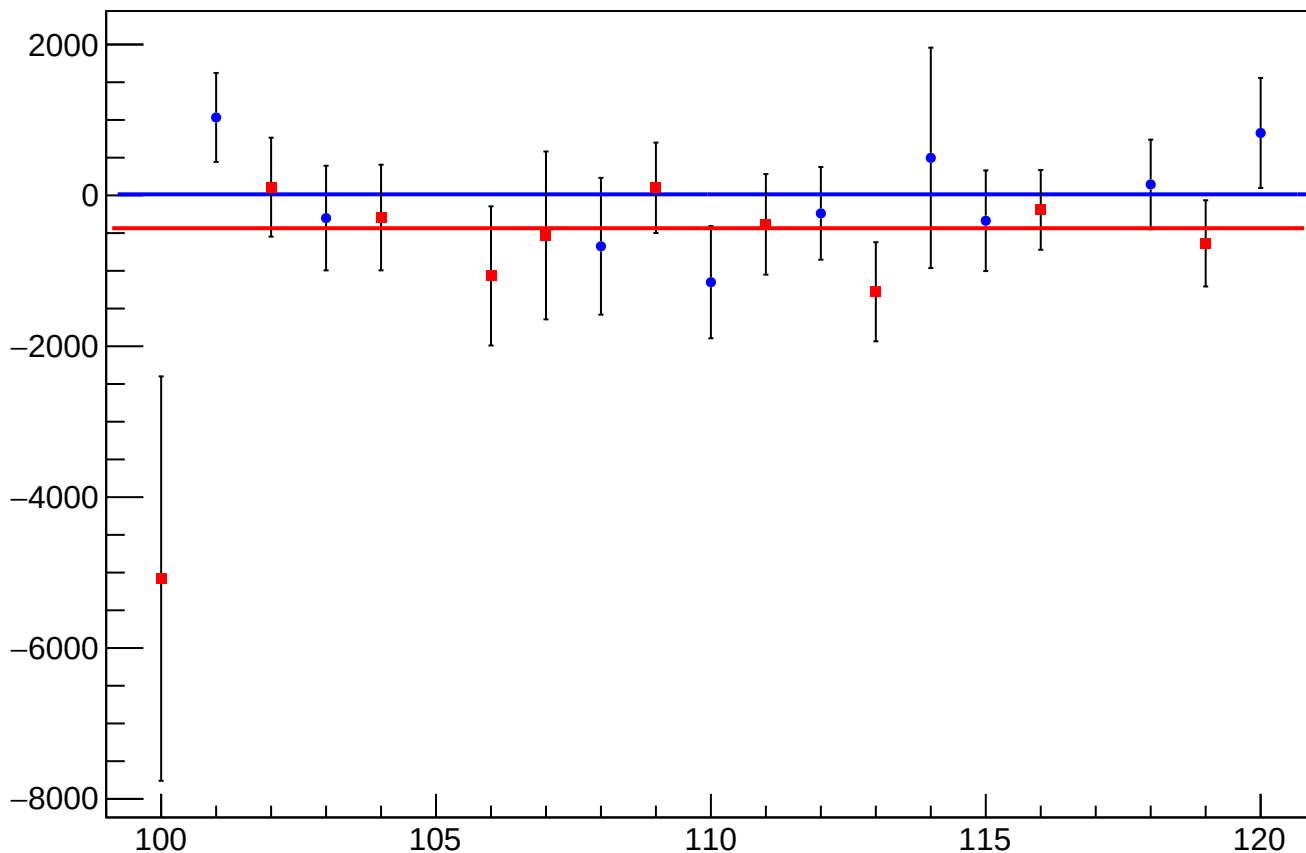
Right: 40.510+/-0.011 χ^2/NDF : 764749.8/18

In: 40.210+/-0.015 χ^2/NDF : 329498.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.510+/-0.011 χ^2/NDF : 764749.8/18

asym_sam_1357_2468_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 13.906+/-235.306 χ^2/NDF : 8.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -435.322+/-220.976 χ^2/NDF : 7.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

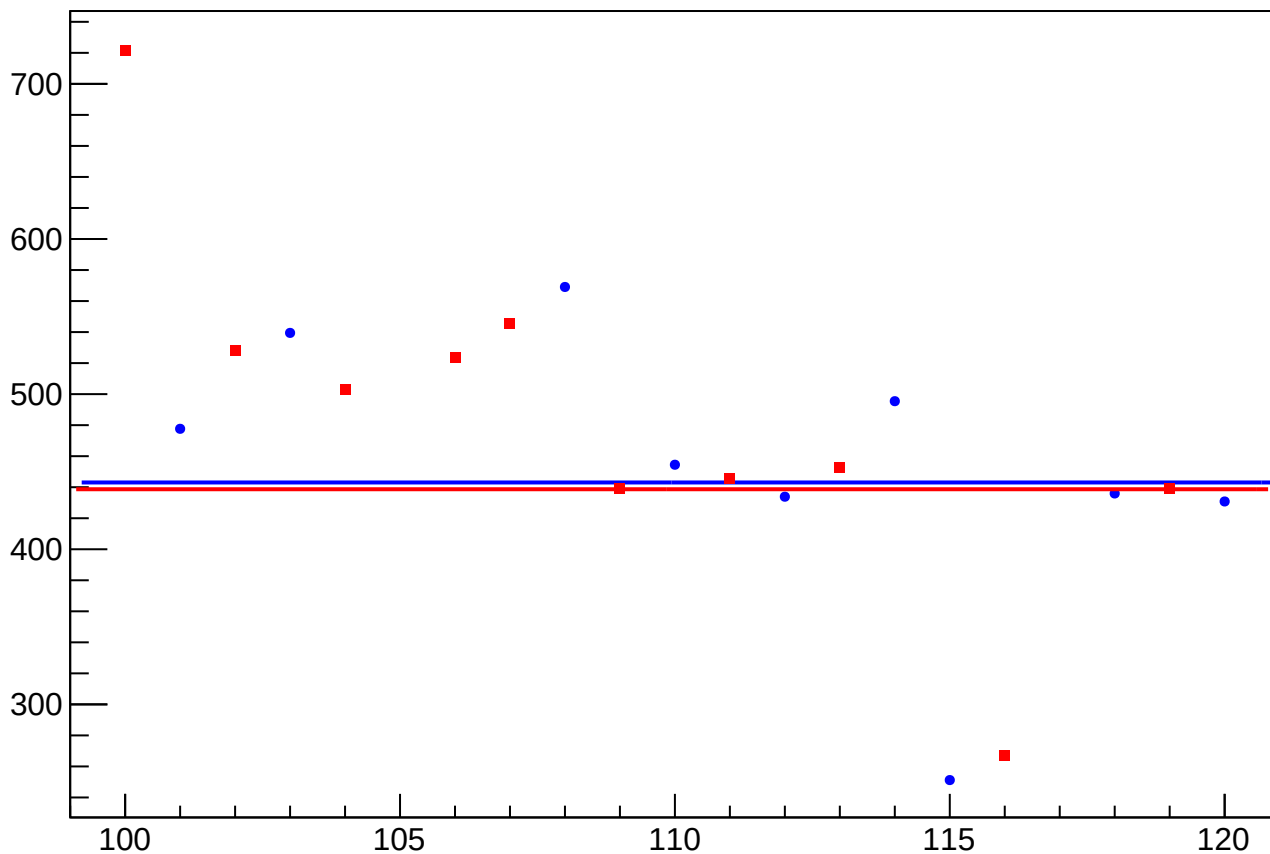
Right: -224.802+/-161.081 χ^2/NDF : 17.0/18

In: 13.906+/-235.306 χ^2/NDF : 8.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -224.802+/-161.081 χ^2/NDF : 17.0/18

asym_sam_1357_2468_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 443.057+/-0.166 χ^2/NDF : 253943.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 438.690+/-0.156 χ^2/NDF : 323082.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

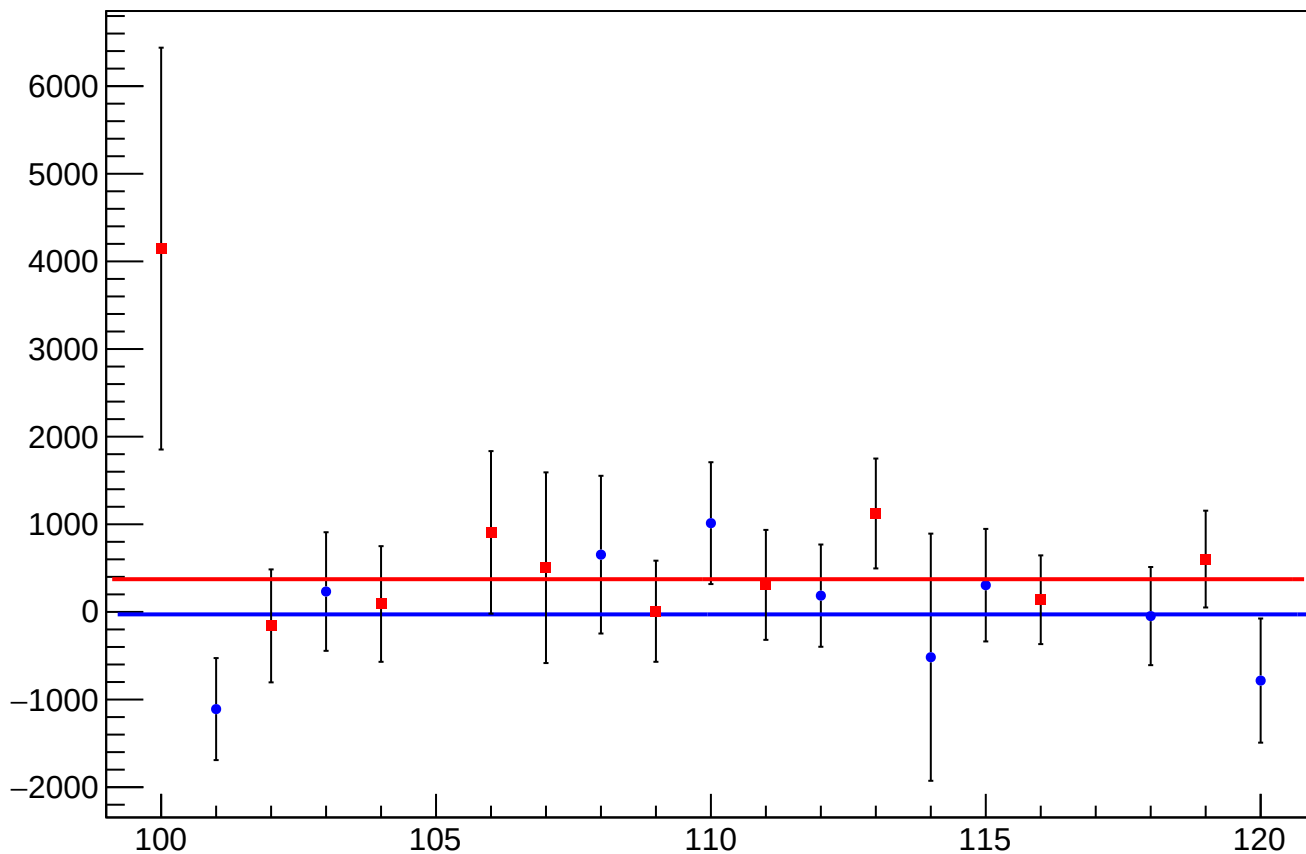
Right: 440.736+/-0.114 χ^2/NDF : 577392.0/18

In: 443.057+/-0.166 χ^2/NDF : 253943.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 440.736+/-0.114 χ^2/NDF : 577392.0/18

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -28.144+/-226.531 χ^2/NDF : 8.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 373.394+/-212.379 χ^2/NDF : 6.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

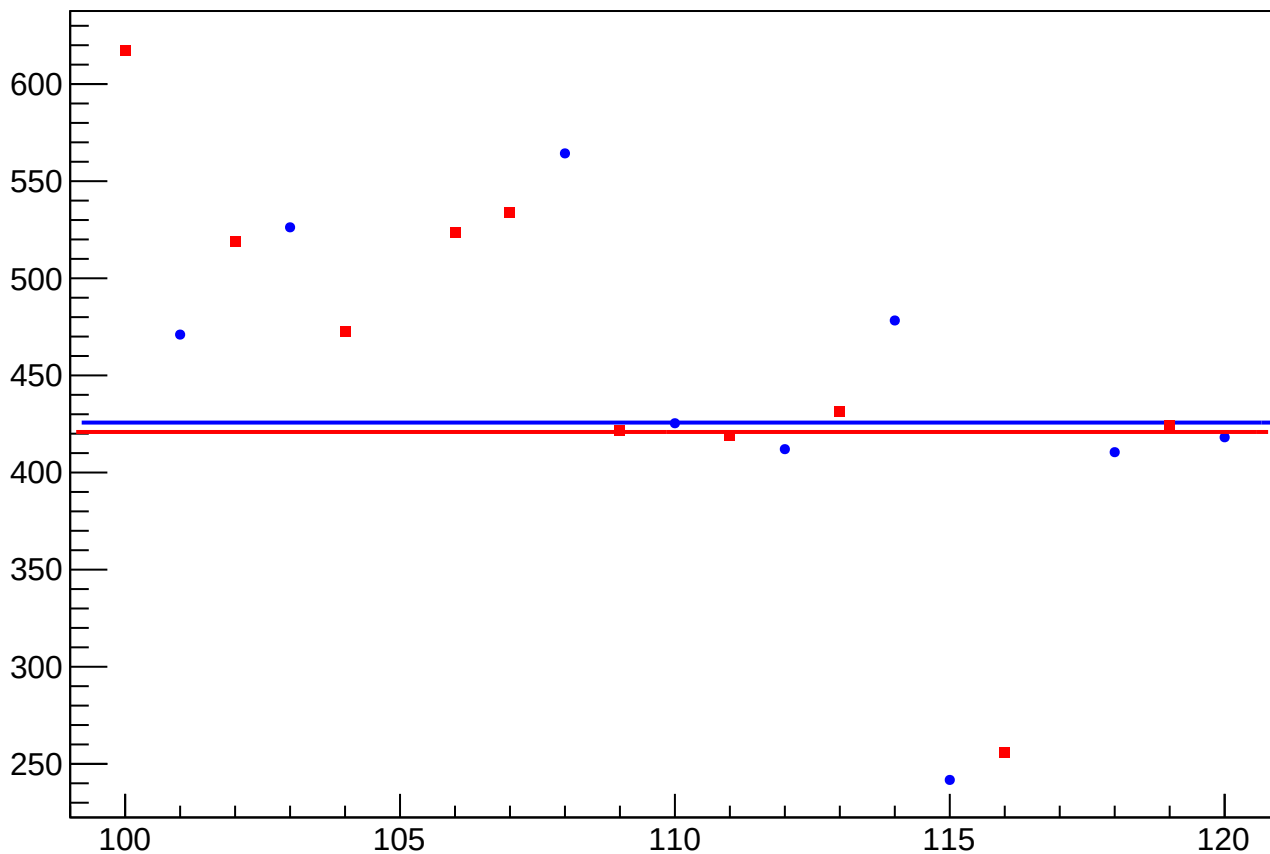
Right: 185.558+/-154.936 χ^2/NDF : 15.9/18

In: -28.144+/-226.531 χ^2/NDF : 8.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 185.558+/-154.936 χ^2/NDF : 15.9/18

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 425.720 $\pm$ 0.160 χ^2 /NDF: 273459.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 420.878 $\pm$ 0.150 χ^2 /NDF: 332631.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

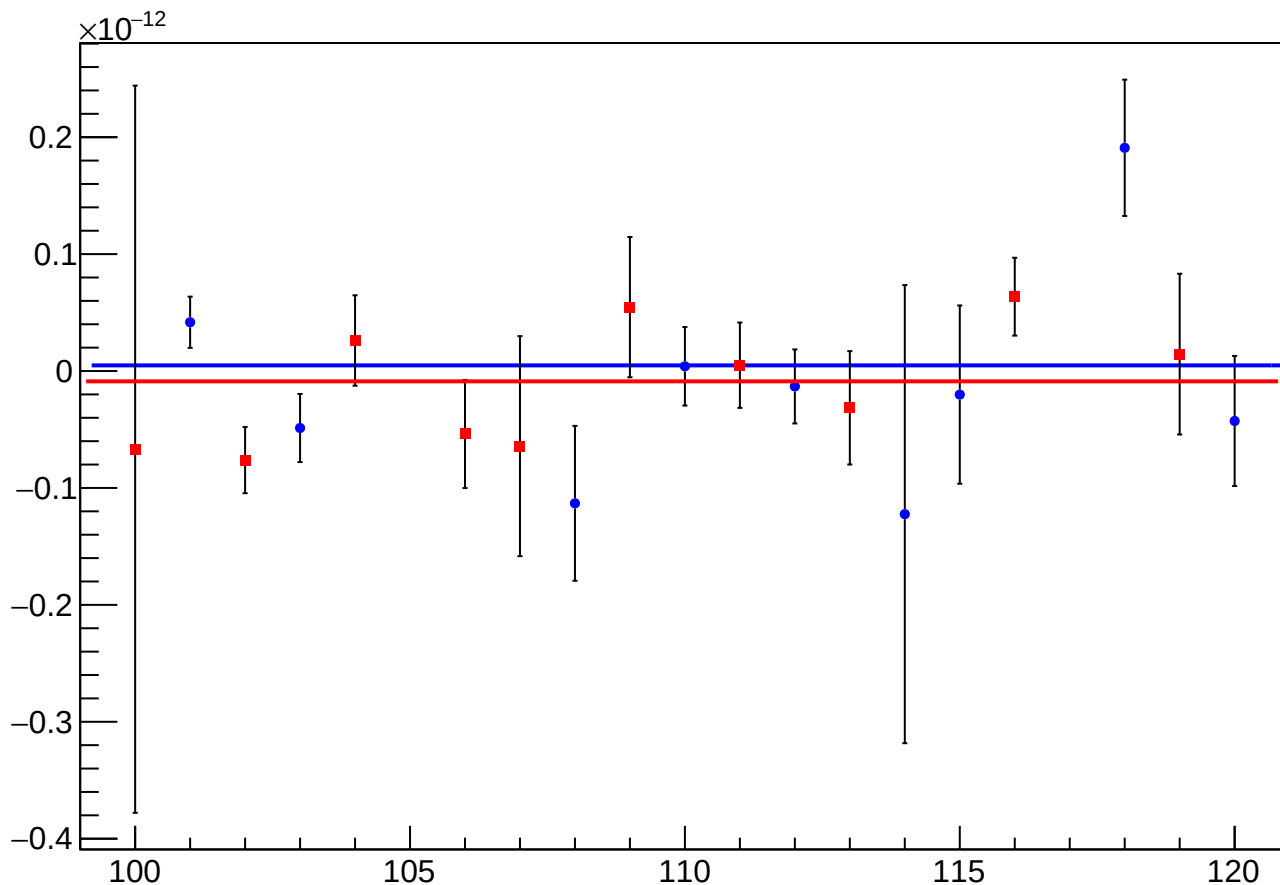
Right: 423.143 $\pm$ 0.110 χ^2 /NDF: 606576.7/18

In: 425.720 $\pm$ 0.160 χ^2 /NDF: 273459.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 423.143 $\pm$ 0.110 χ^2 /NDF: 606576.7/18

asym_sam_1357_2468_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 21.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

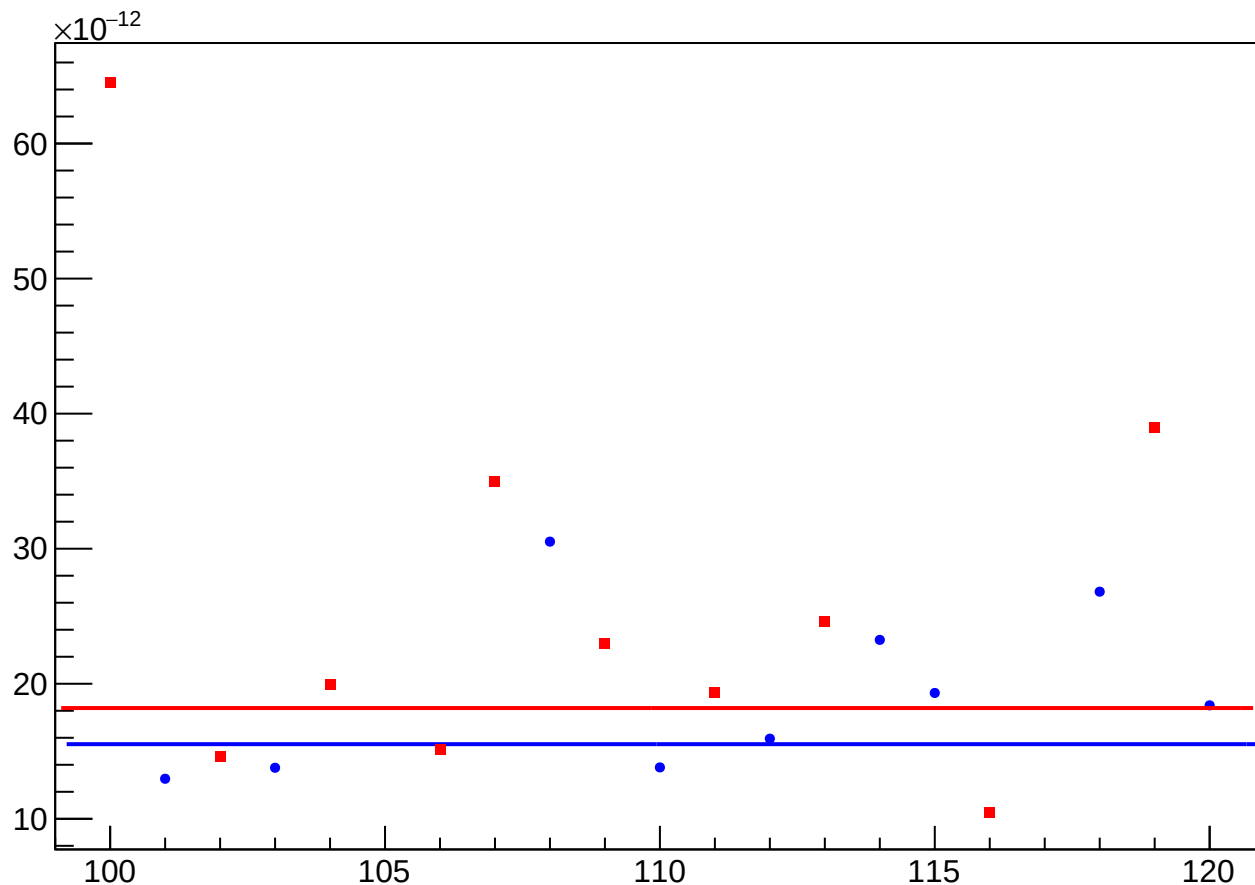
Right: -0.000+/-0.000 χ^2/NDF : 35.8/18

In: 0.000+/-0.000 χ^2/NDF : 21.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 35.8/18

asym_sam_1357_2468_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 231074.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 492442.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

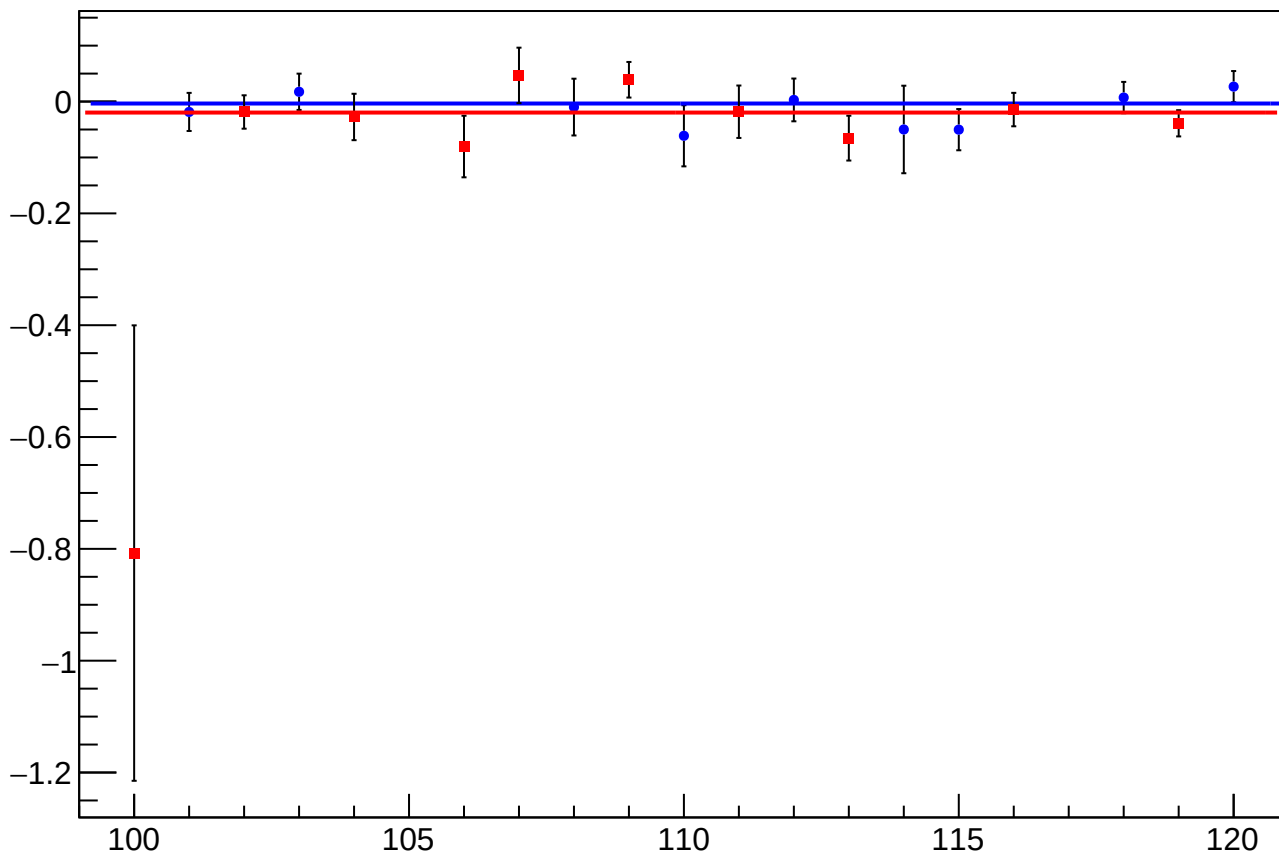
Right: 0.000+/-0.000 χ^2/NDF : 763442.5/18

In: 0.000+/-0.000 χ^2/NDF : 231074.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 763442.5/18

asym_sam_1357_2468_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.012 χ^2 /NDF: 5.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.020 $\pm$ 0.012 χ^2 /NDF: 12.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

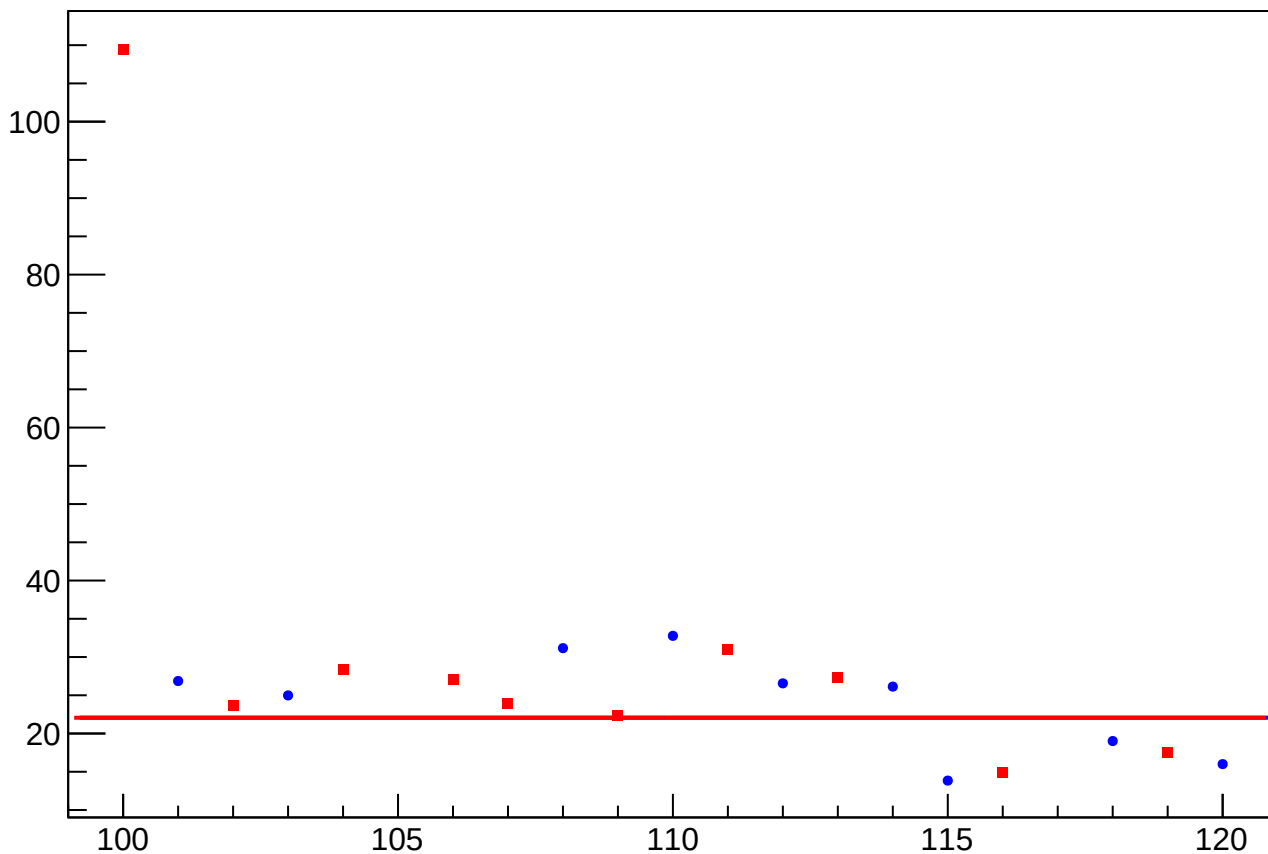
Right: -0.012 $\pm$ 0.008 χ^2 /NDF: 18.2/18

In: -0.004 $\pm$ 0.012 χ^2 /NDF:5.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.012 $\pm$ 0.008 χ^2 /NDF: 18.2/18

asym_sam_1357_2468_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.070+/-0.009 χ^2/NDF : 447527.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.062+/-0.008 χ^2/NDF : 456625.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

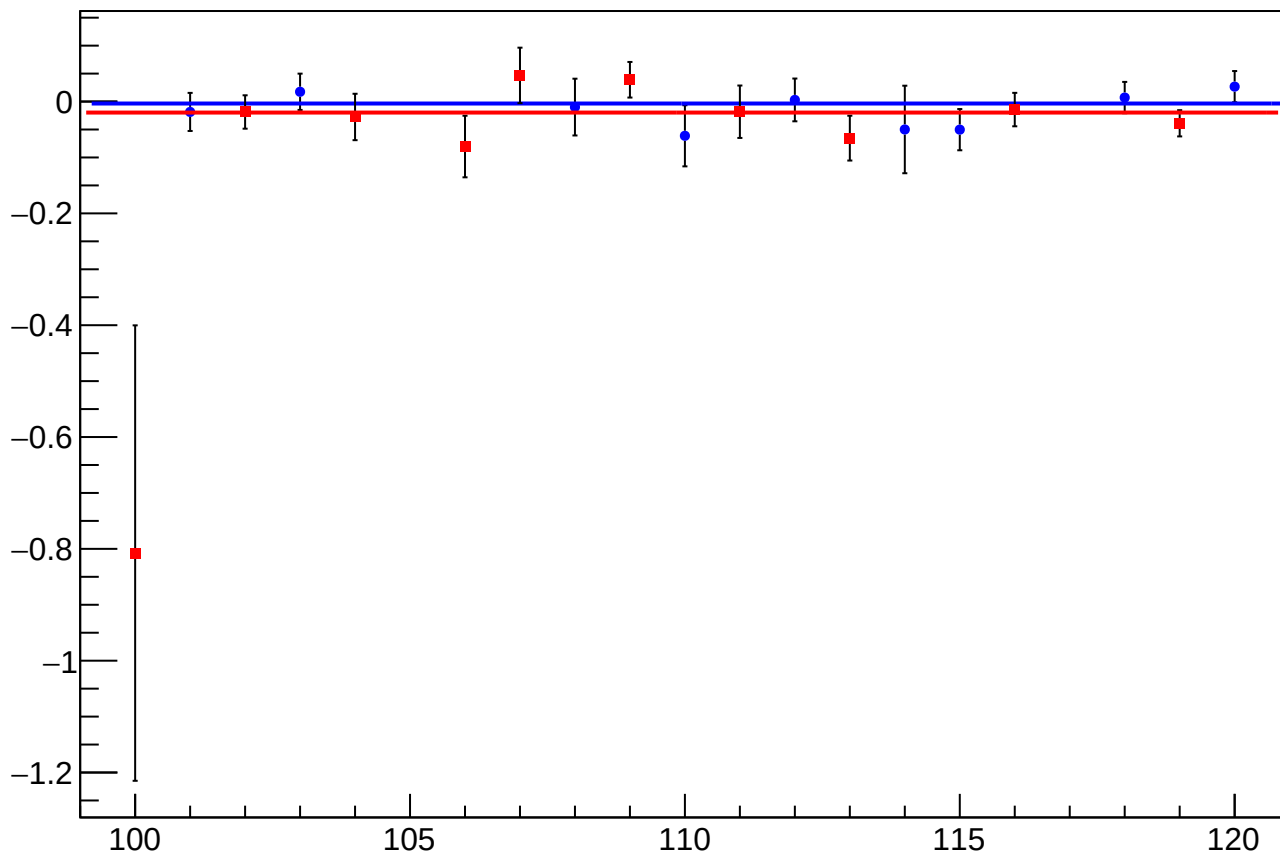
Right: 22.066+/-0.006 χ^2/NDF : 904152.9/18

In: 22.070+/-0.009 χ^2/NDF : 447527.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.066+/-0.006 χ^2/NDF : 904152.9/18

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 ± 0.012 χ^2/NDF : 5.0/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.020 ± 0.012 χ^2/NDF : 12.2/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

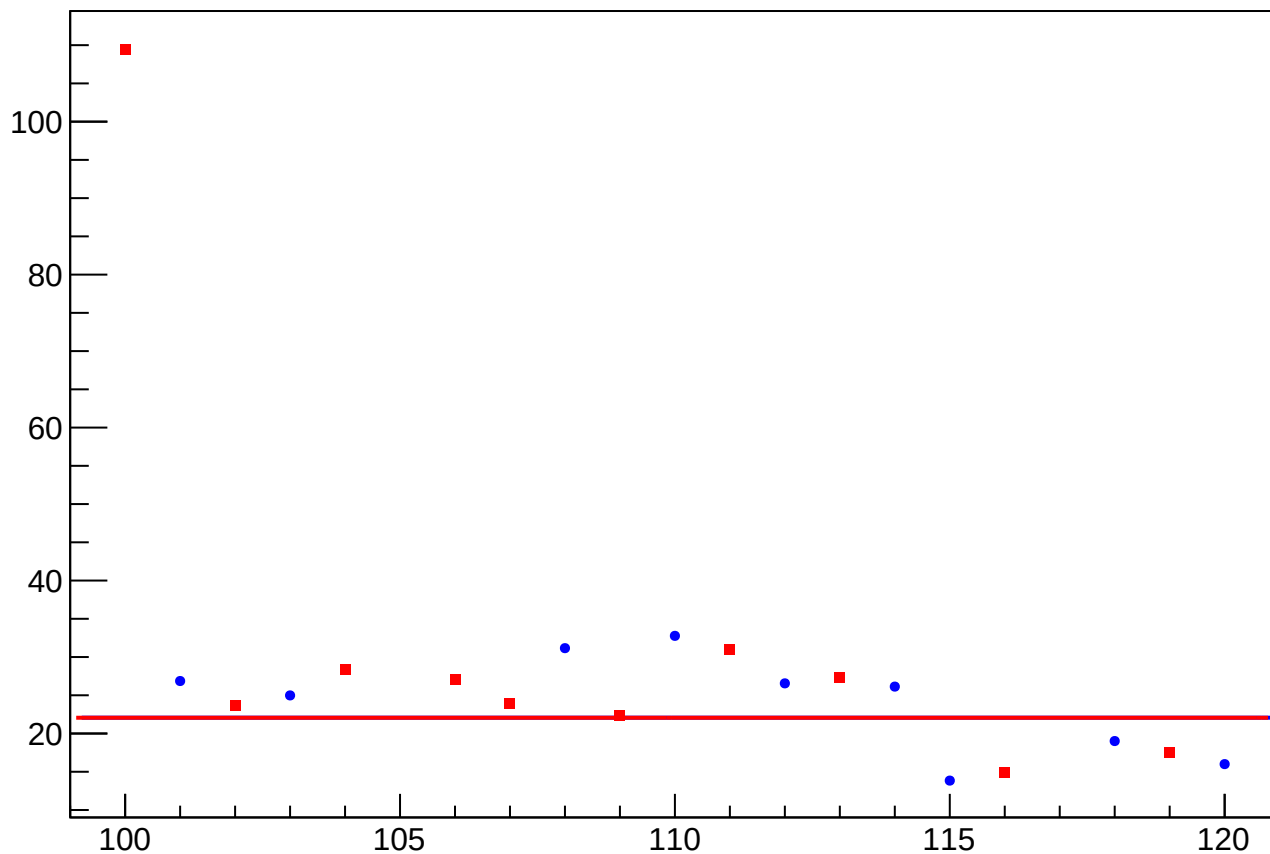
Right: -0.012 ± 0.008 χ^2/NDF : 18.2/18

In: -0.004 ± 0.012 χ^2/NDF : 5.0/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.012 ± 0.008 χ^2/NDF : 18.2/18

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.070+/-0.009 χ^2/NDF : 447527.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.062+/-0.008 χ^2/NDF : 456625.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

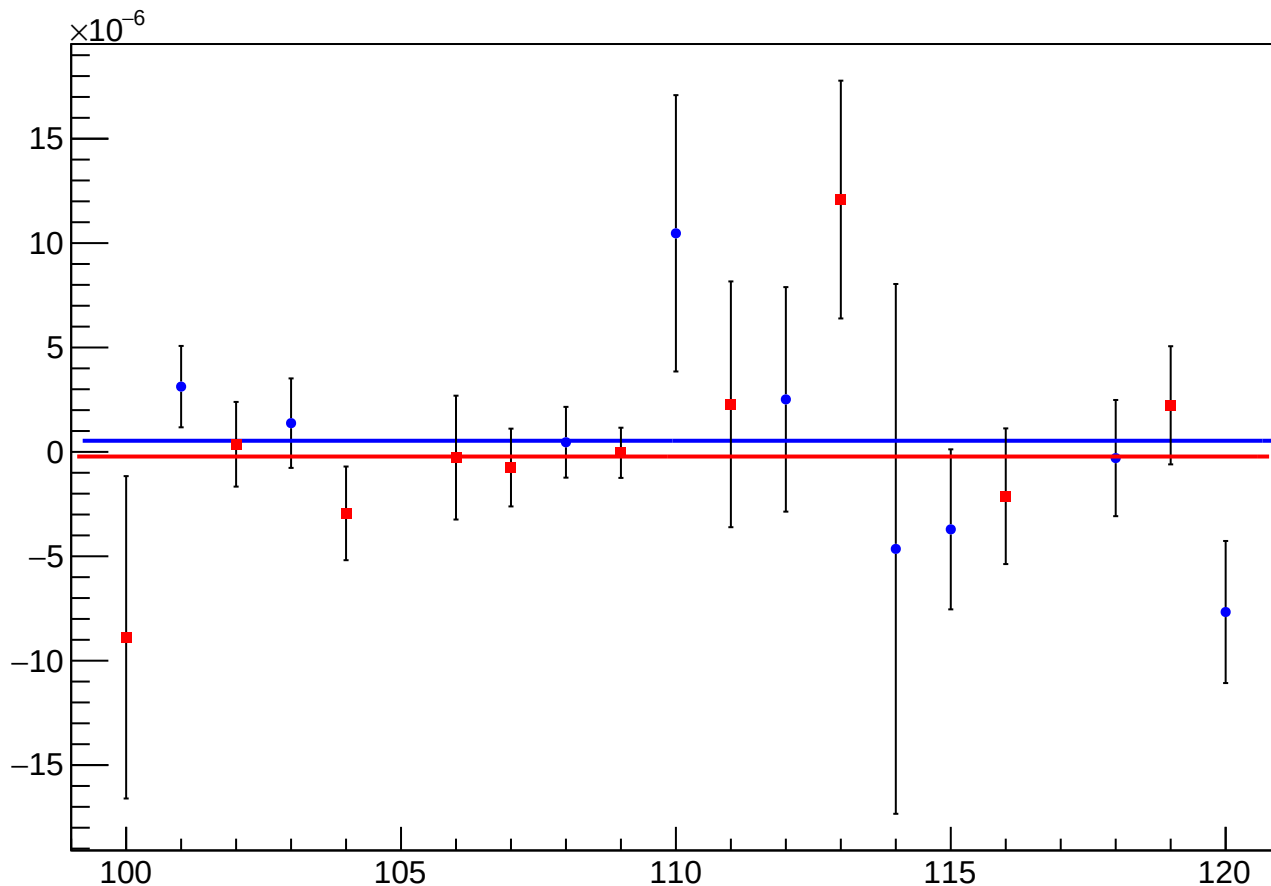
Right: 22.066+/-0.006 χ^2/NDF : 904152.9/18

In: 22.070+/-0.009 χ^2/NDF : 447527.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.066+/-0.006 χ^2/NDF : 904152.9/18

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

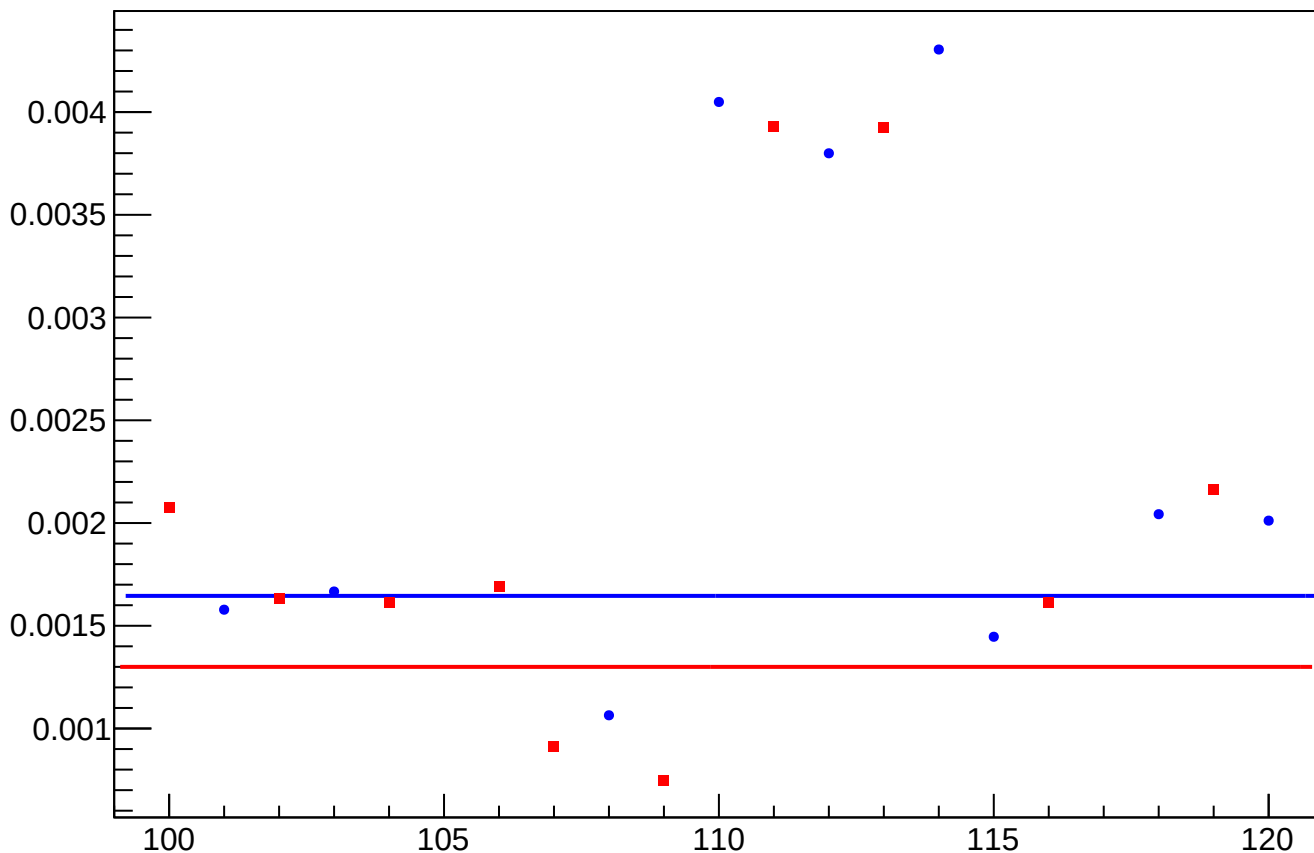
Right: 0.000+/-0.000 χ^2/NDF : 20.9/18

In: 0.000+/-0.000 χ^2/NDF : 11.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.9/18

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 979718.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1686677.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

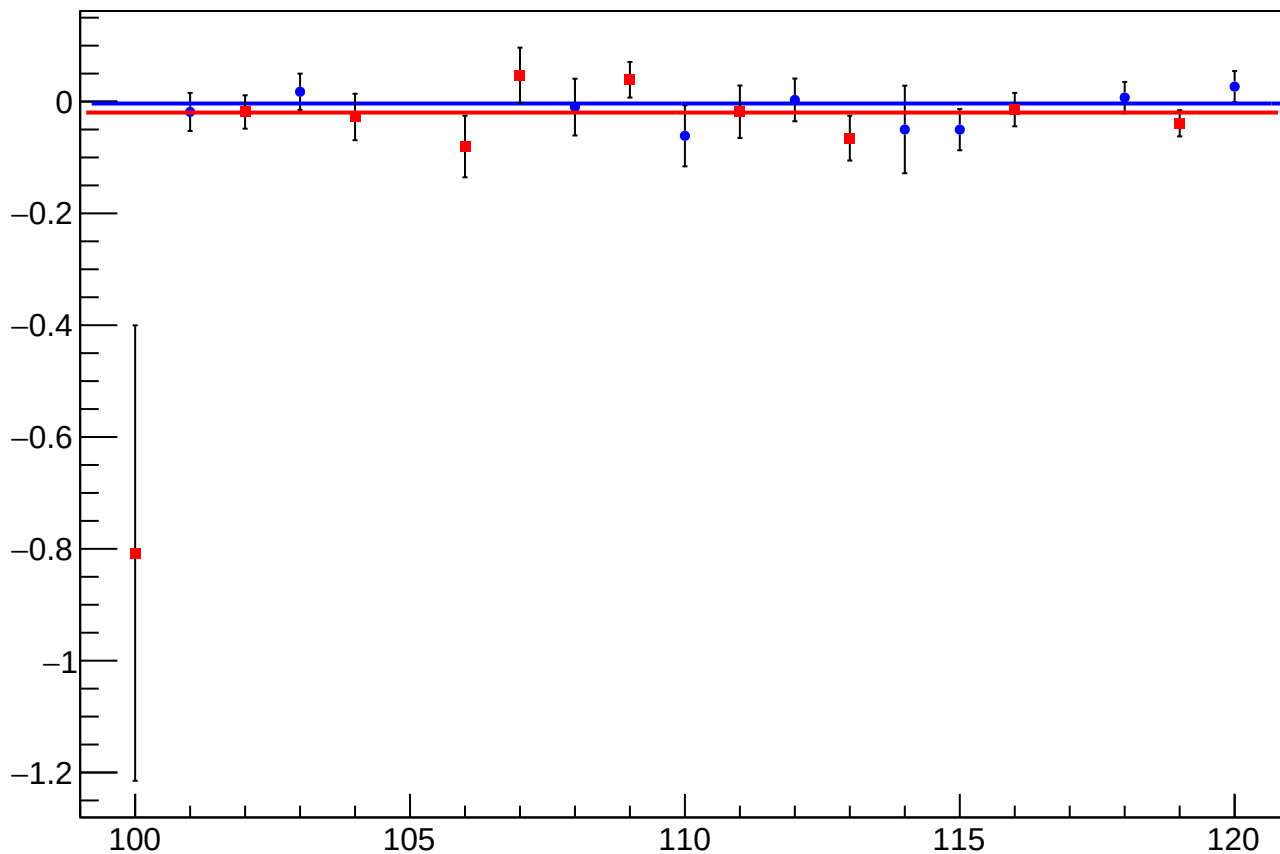
Right: 0.001+/-0.000 χ^2/NDF : 2837472.9/18

In: 0.002+/-0.000 χ^2/NDF :979718.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2837472.9/18

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.012 χ^2 /NDF: 5.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.020 $\pm$ 0.012 χ^2 /NDF: 12.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

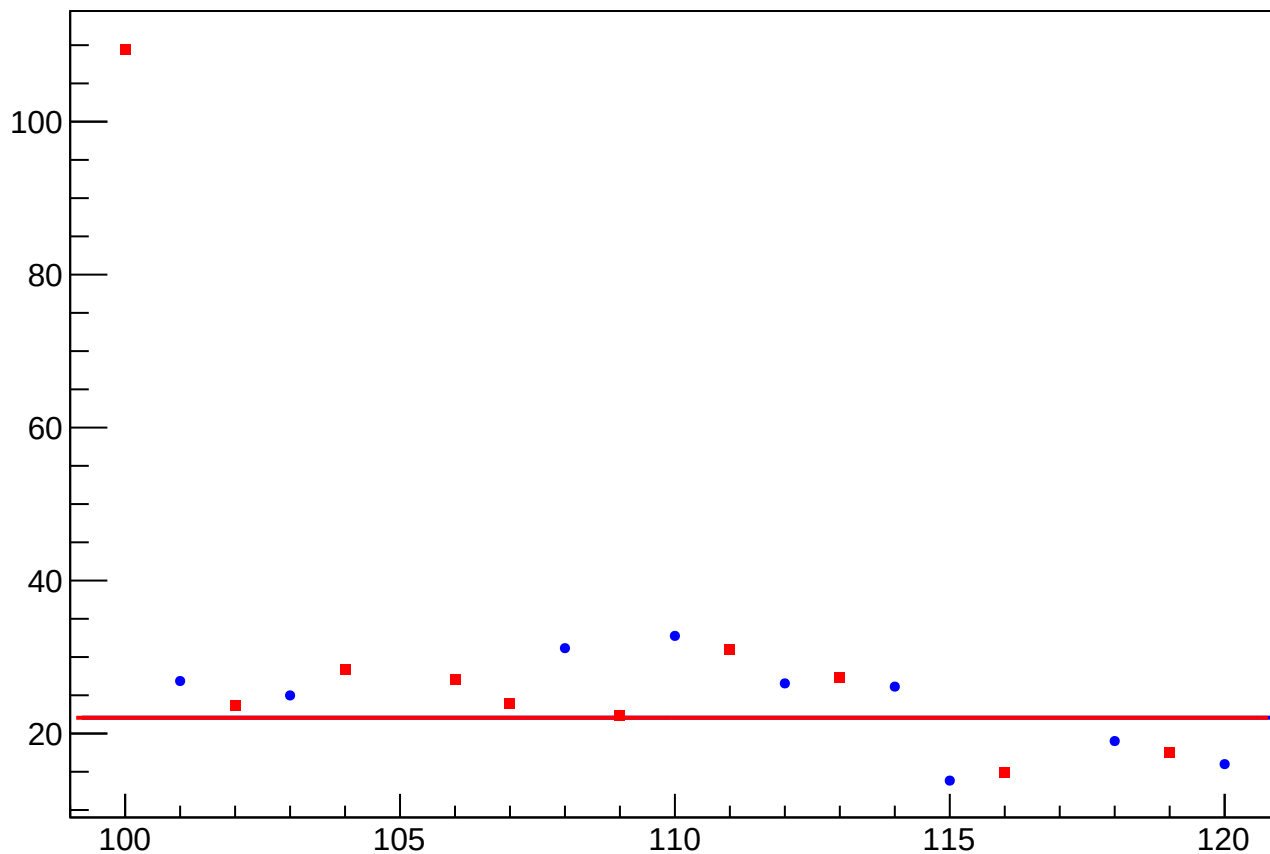
Right: -0.012 $\pm$ 0.008 χ^2 /NDF: 18.2/18

In: -0.004 $\pm$ 0.012 χ^2 /NDF:5.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.012 $\pm$ 0.008 χ^2 /NDF: 18.2/18

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.069+/-0.009 χ^2/NDF : 447496.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.061+/-0.008 χ^2/NDF : 456582.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

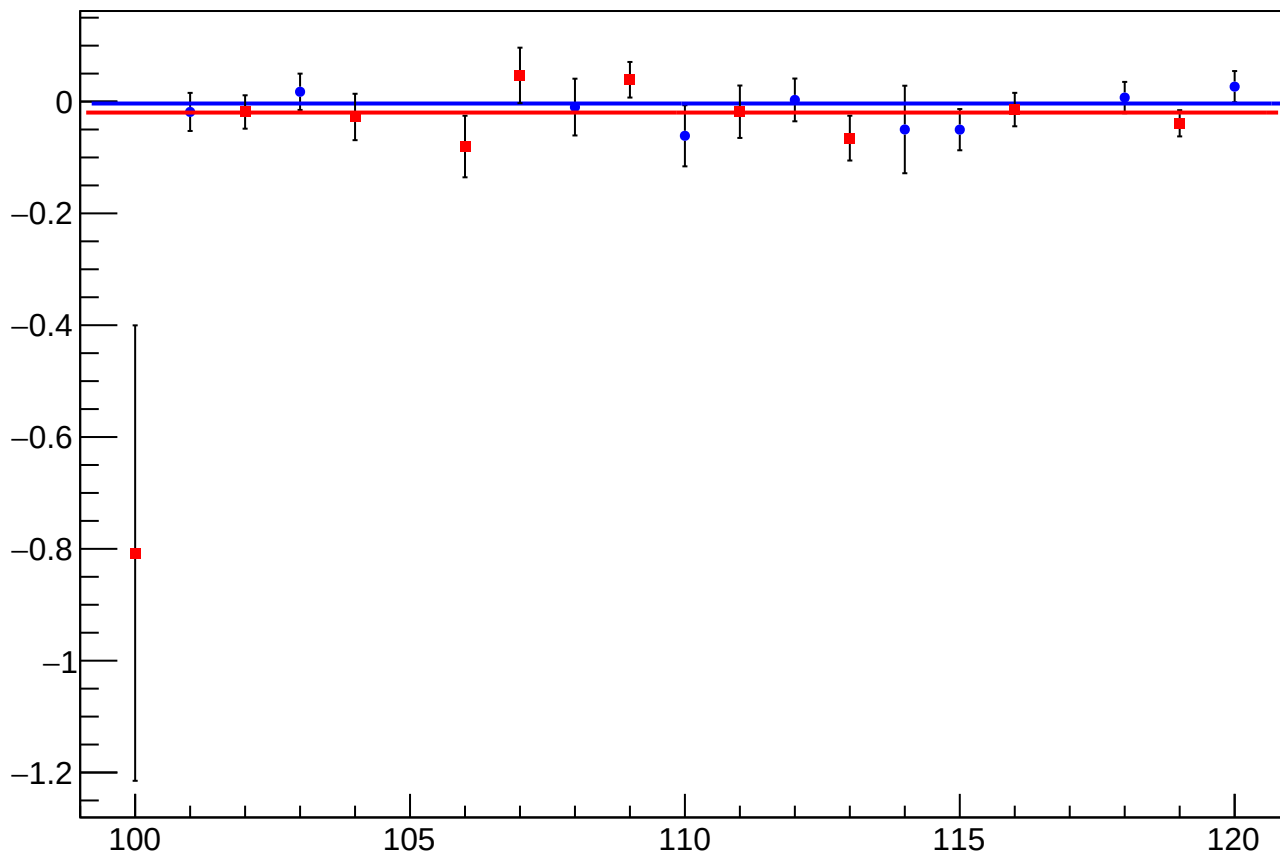
Right: 22.065+/-0.006 χ^2/NDF : 904079.8/18

In: 22.069+/-0.009 χ^2/NDF : 447496.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.065+/-0.006 χ^2/NDF : 904079.8/18

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.012 χ^2 /NDF: 5.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.020 $\pm$ 0.012 χ^2 /NDF: 12.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

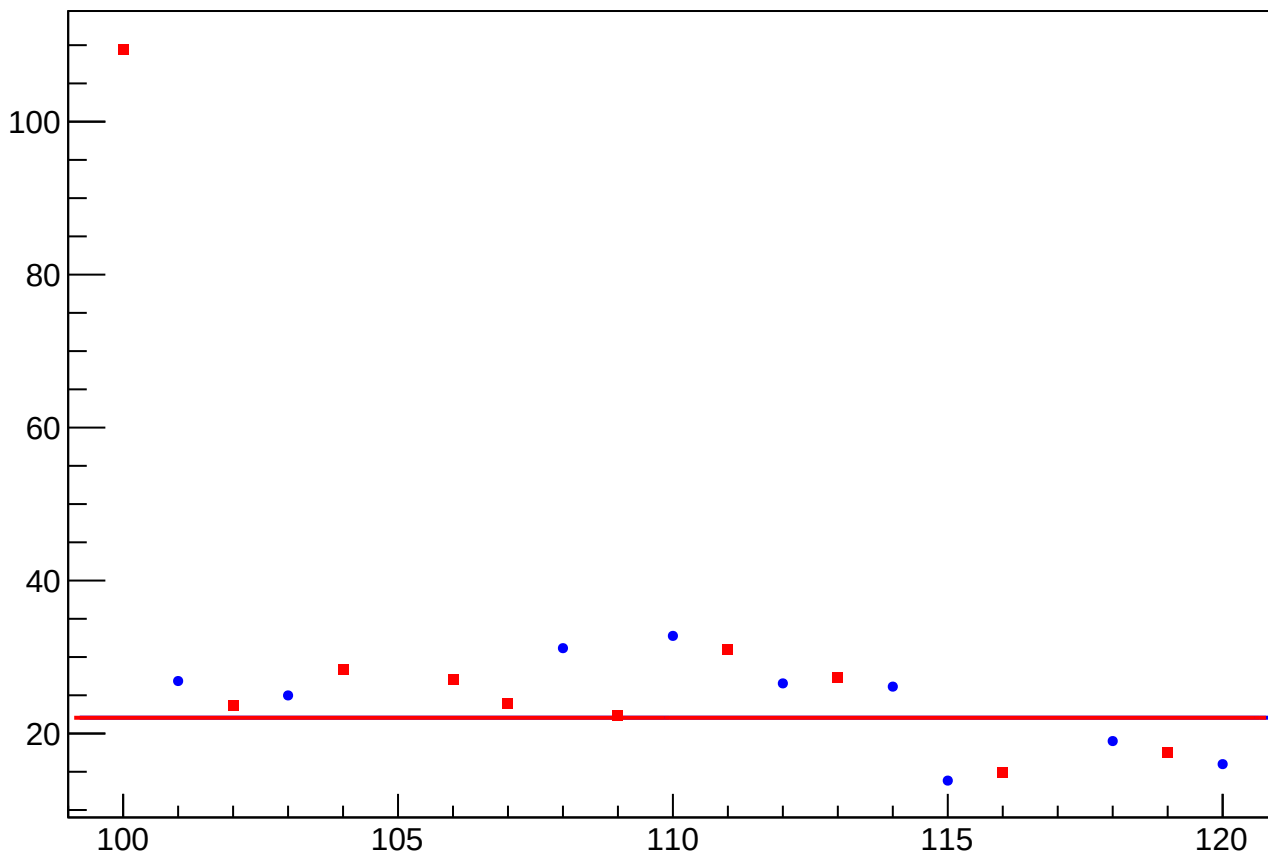
Right: -0.012 $\pm$ 0.008 χ^2 /NDF: 18.2/18

In: -0.004 $\pm$ 0.012 χ^2 /NDF:5.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.012 $\pm$ 0.008 χ^2 /NDF: 18.2/18

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.069+/-0.009 χ^2/NDF : 447496.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.061+/-0.008 χ^2/NDF : 456582.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

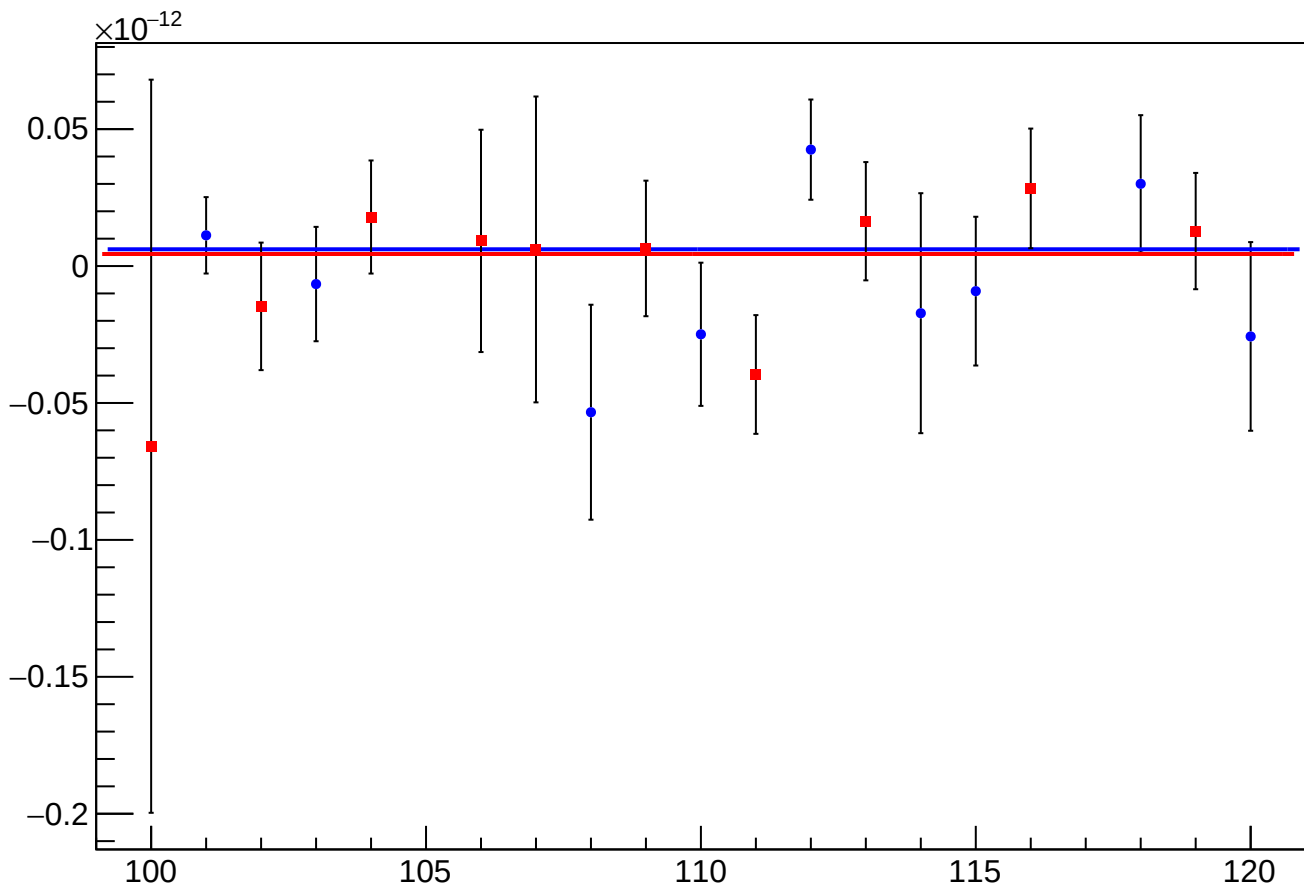
Right: 22.065+/-0.006 χ^2/NDF : 904079.8/18

In: 22.069+/-0.009 χ^2/NDF : 447496.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.065+/-0.006 χ^2/NDF : 904079.8/18

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

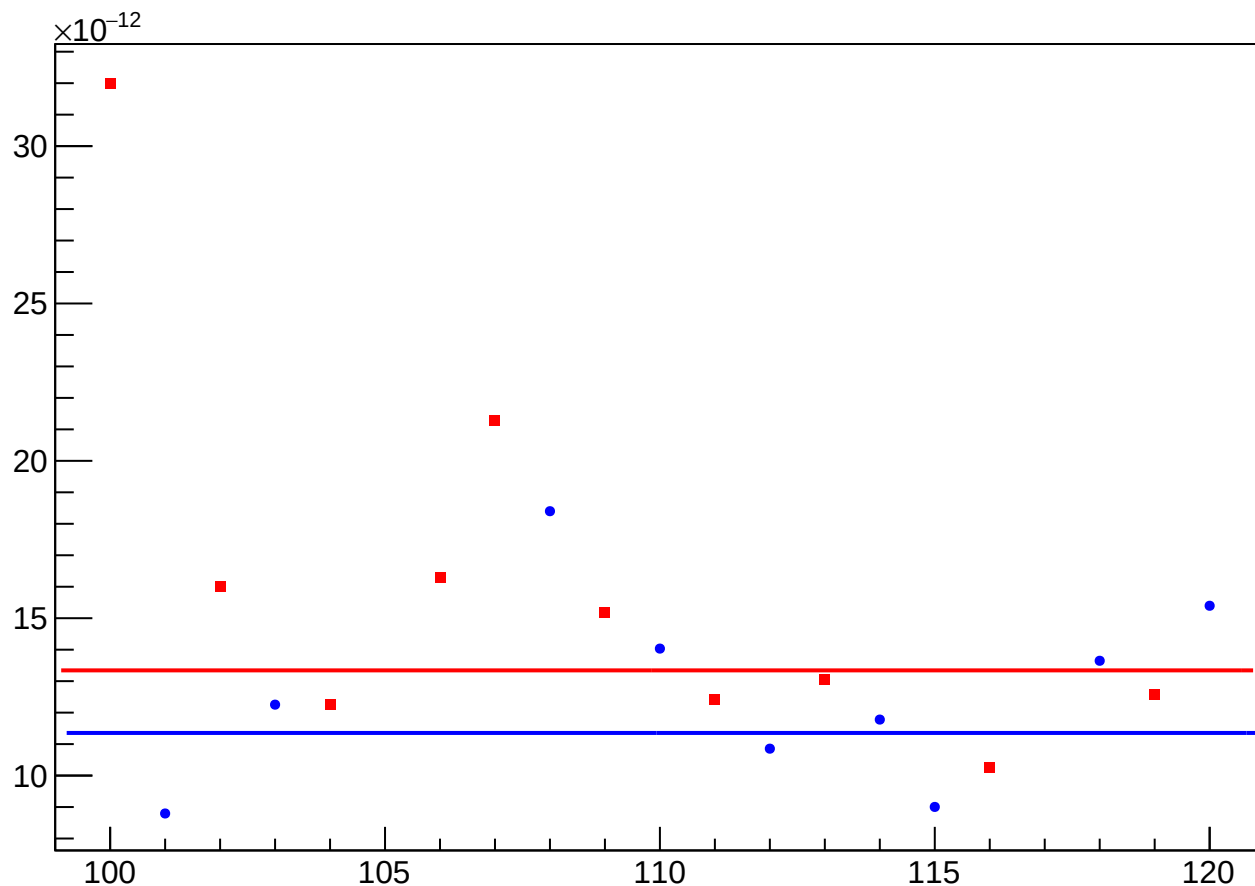
Right: 0.000+/-0.000 χ^2/NDF : 17.7/18

In: 0.000+/-0.000 χ^2/NDF : 10.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.7/18

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 217390.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 178914.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

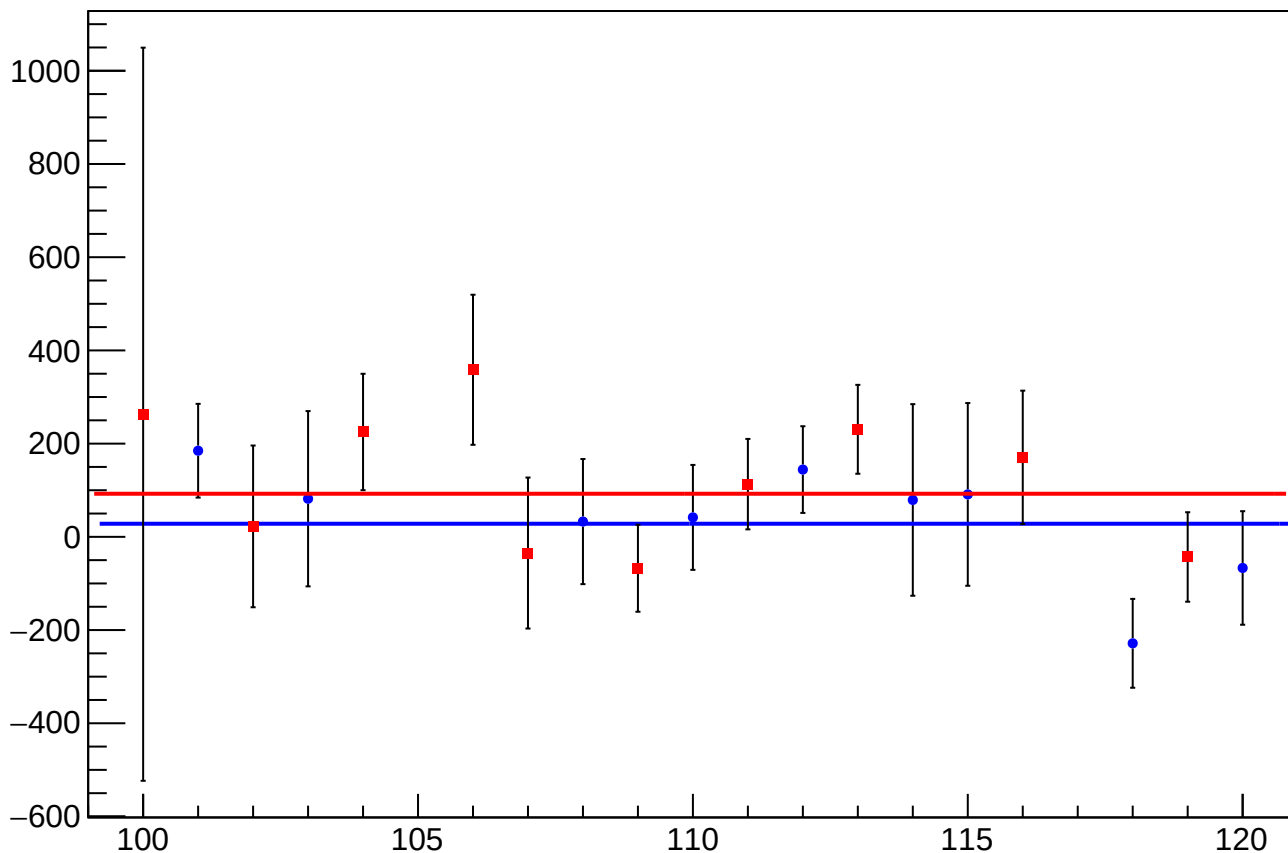
Right: 0.000+/-0.000 χ^2/NDF : 459852.6/18

In: 0.000+/-0.000 χ^2/NDF : 217390.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 459852.6/18

reg_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 28.115+/-40.679 χ^2/NDF : 12.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.465+/-38.810 χ^2/NDF : 12.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

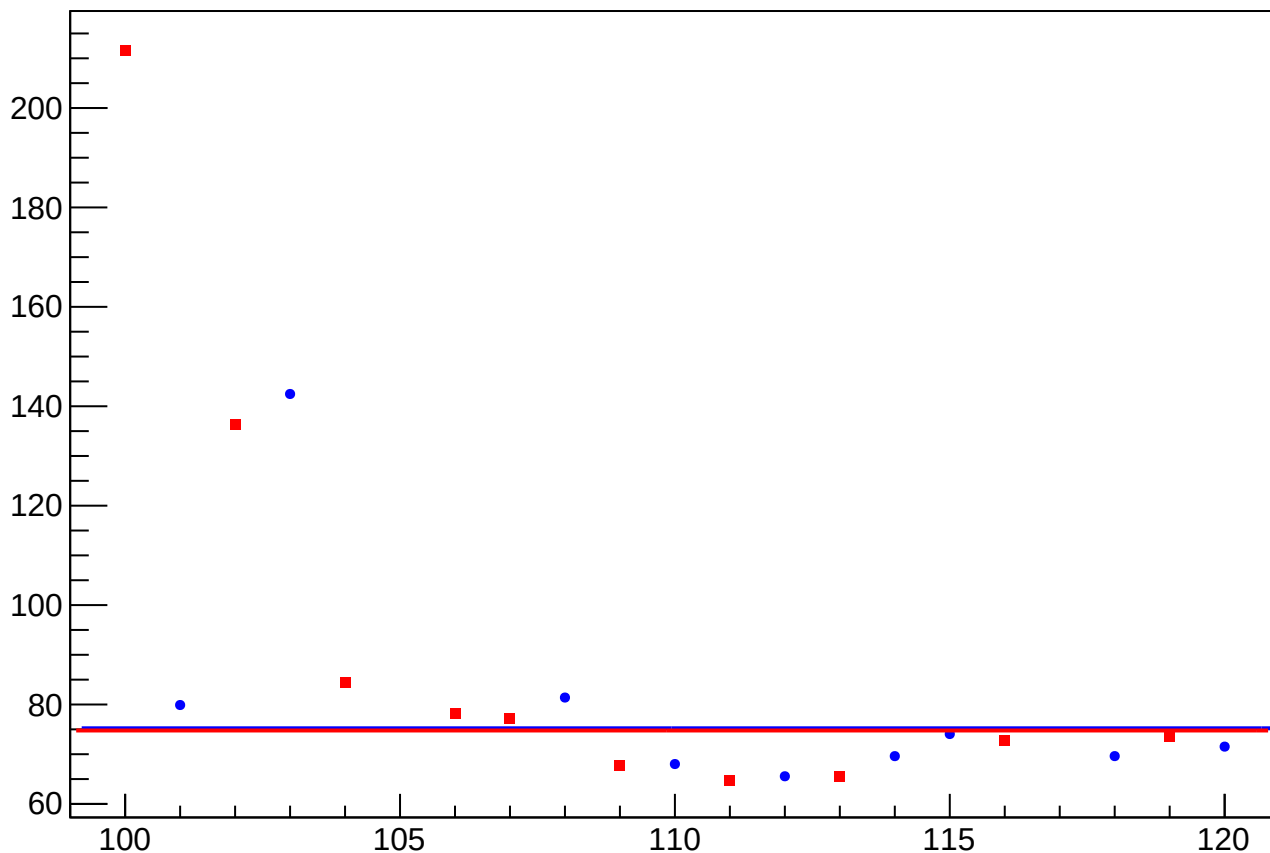
Right: 61.802+/-28.080 χ^2/NDF : 25.5/18

In: 28.115+/-40.679 χ^2/NDF : 12.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.802+/-28.080 χ^2/NDF : 25.5/18

reg_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 75.212+/-0.029 χ^2/NDF : 304424.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.775+/-0.027 χ^2/NDF : 378250.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

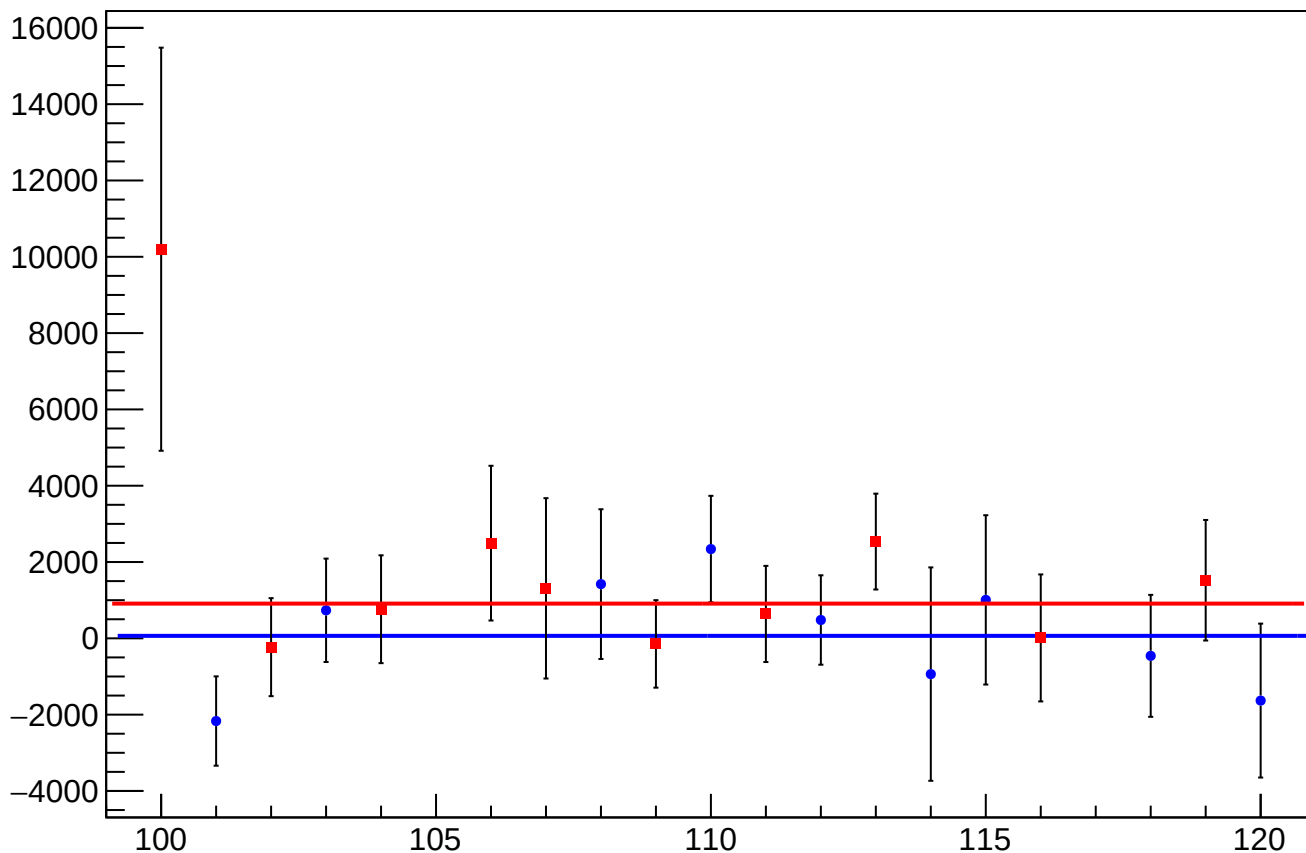
Right: 74.983+/-0.020 χ^2/NDF : 682796.0/18

In: 75.212+/-0.029 χ^2/NDF : 304424.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.983+/-0.020 χ^2/NDF : 682796.0/18

asym_sam_12345678_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 65.178+/-516.801 χ^2/NDF : 8.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 910.446+/-479.438 χ^2/NDF : 7.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

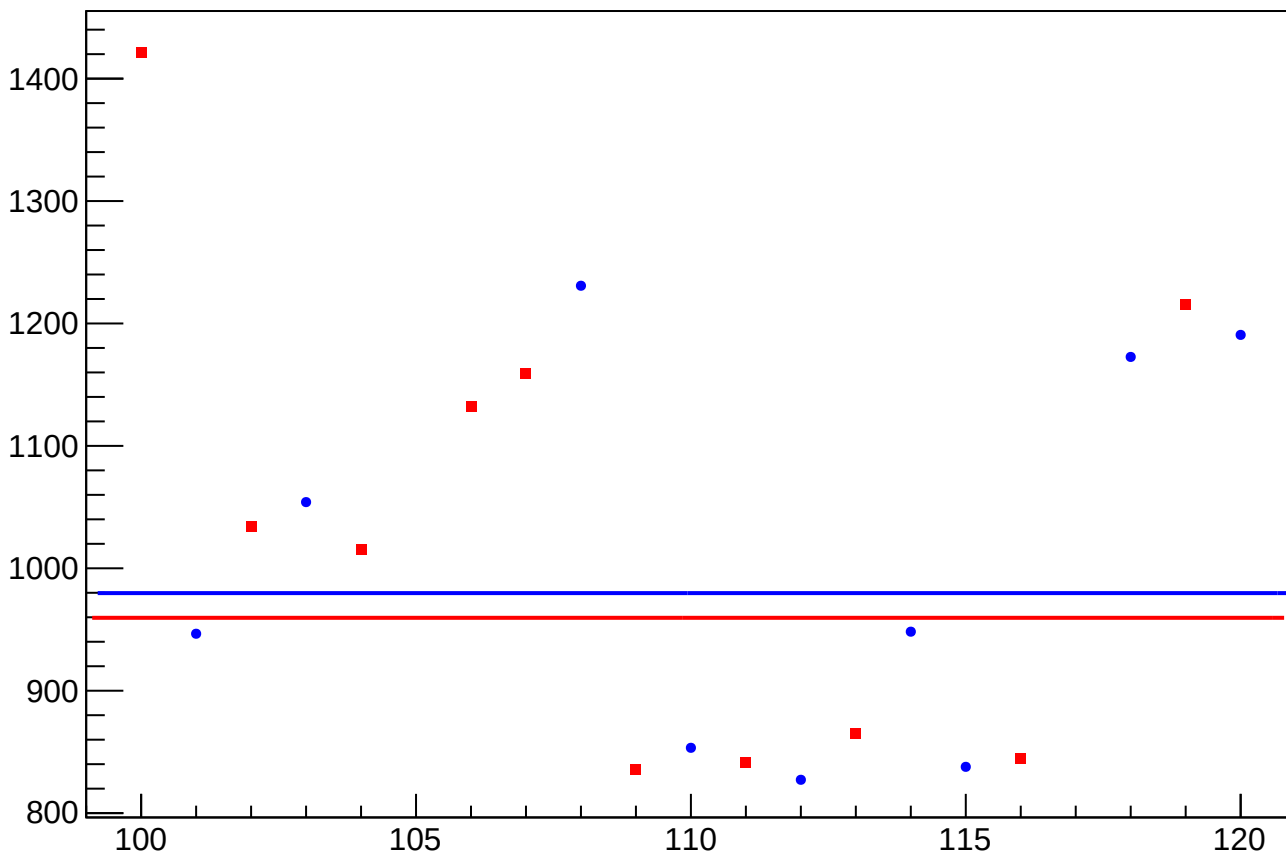
Right: 519.469+/-351.481 χ^2/NDF : 17.2/18

In: 65.178+/-516.801 χ^2/NDF : 8.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 519.469+/-351.481 χ^2/NDF : 17.2/18

asym_sam_12345678_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 979.739+/-0.365 χ^2/NDF : 150105.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 959.564+/-0.339 χ^2/NDF : 168271.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

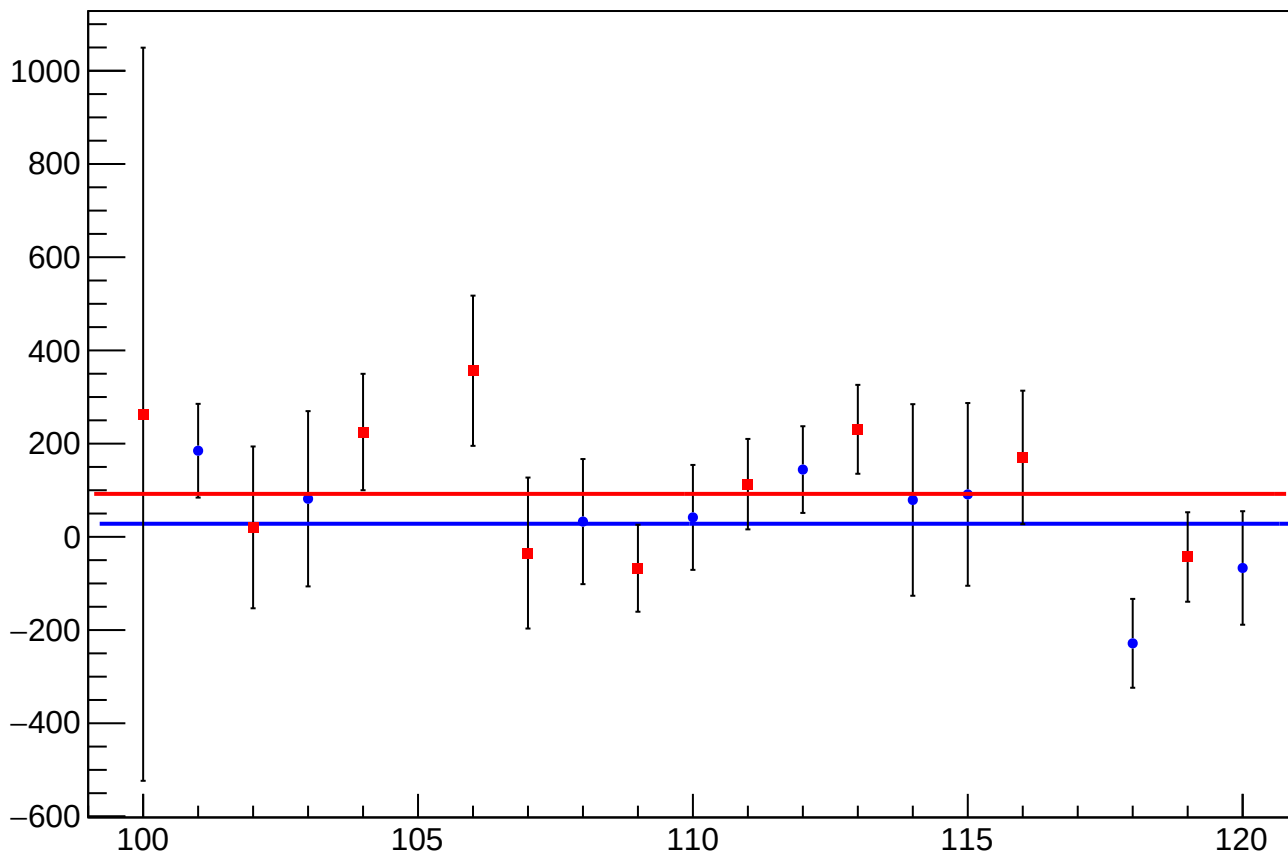
Right: 968.896+/-0.249 χ^2/NDF : 320014.6/18

In: 979.739+/-0.365 χ^2/NDF : 150105.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 968.896+/-0.249 χ^2/NDF : 320014.6/18

cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 28.103+/-40.679 χ^2/NDF : 12.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.197+/-38.813 χ^2/NDF : 12.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

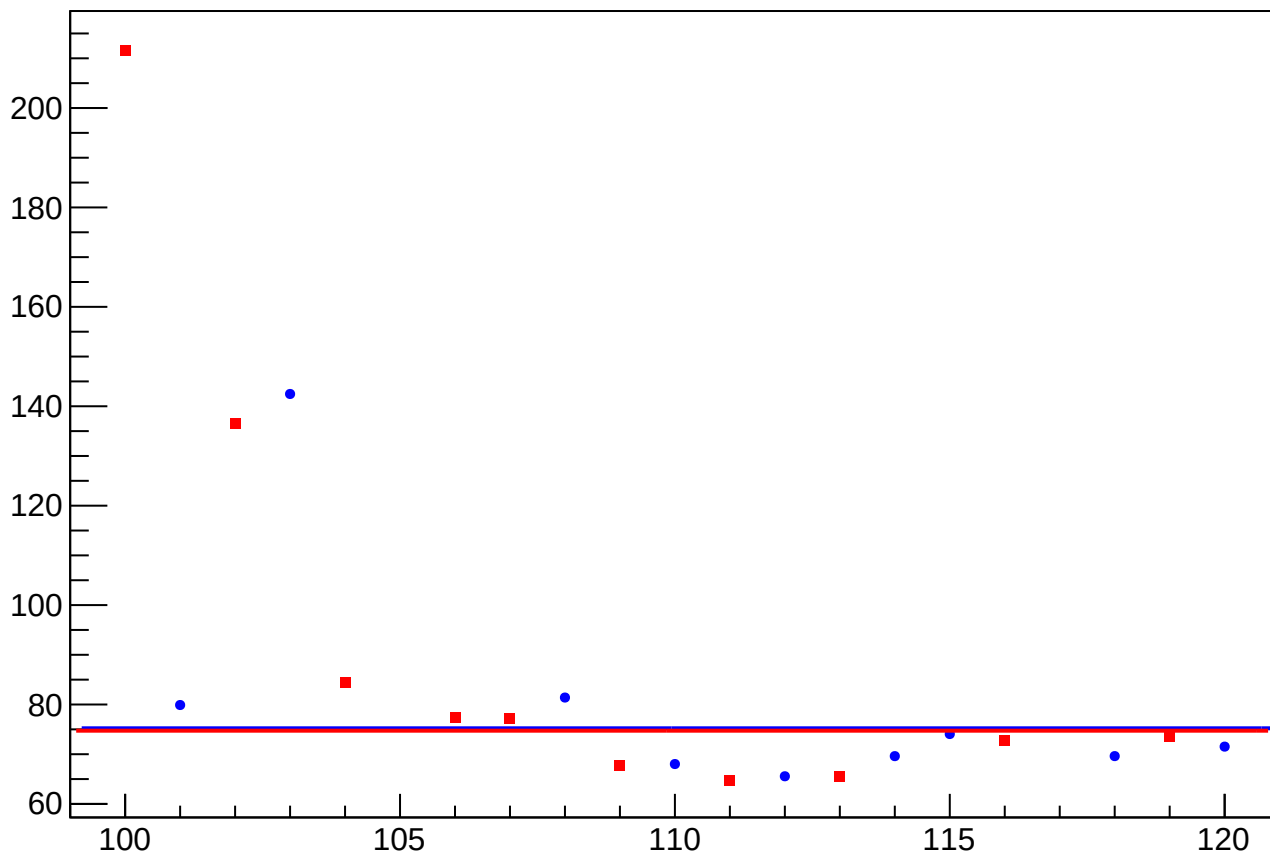
Right: 61.653+/-28.082 χ^2/NDF : 25.4/18

In: 28.103+/-40.679 χ^2/NDF : 12.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.653+/-28.082 χ^2/NDF : 25.4/18

cor_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 75.212+/-0.029 χ^2/NDF : 304428.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.734+/-0.027 χ^2/NDF : 378198.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

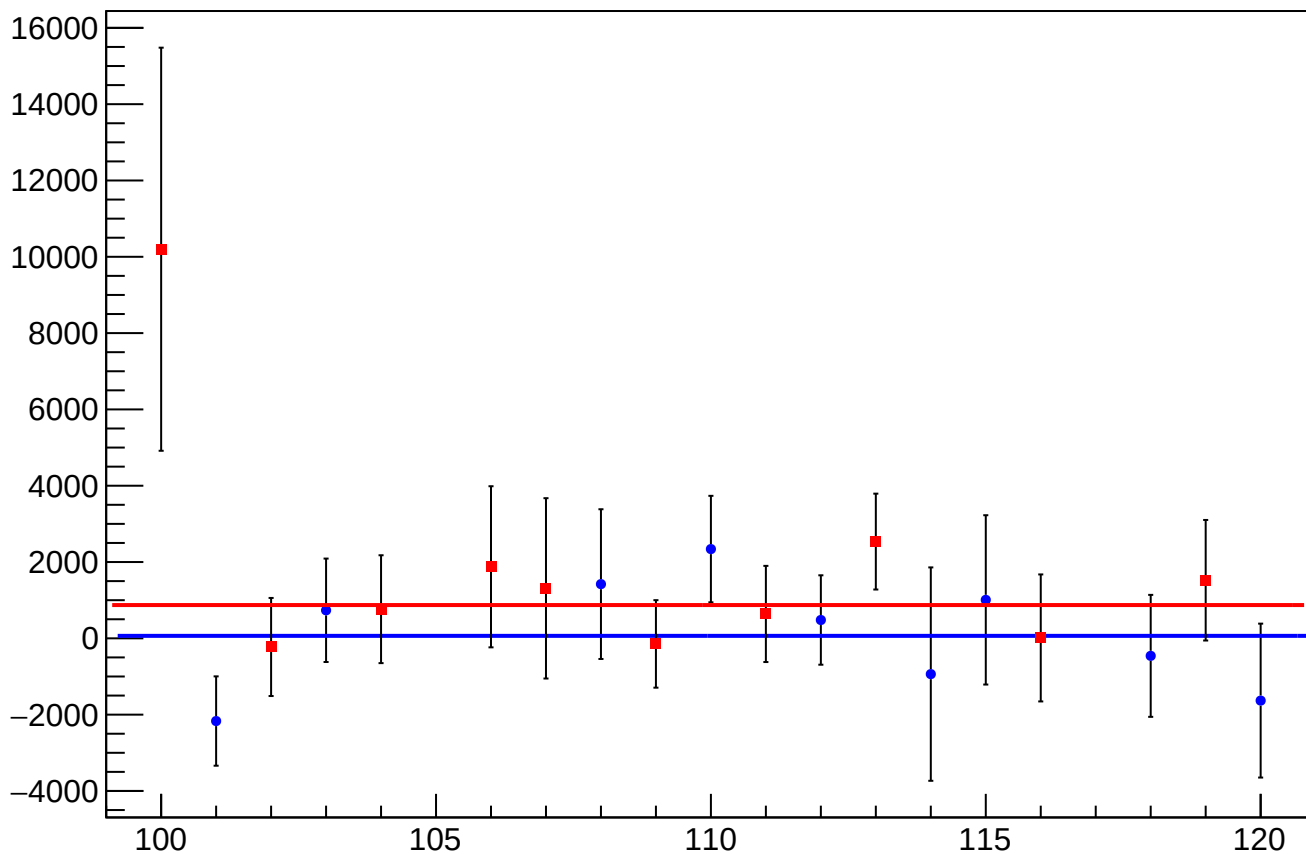
Right: 74.962+/-0.020 χ^2/NDF : 682770.8/18

In: 75.212+/-0.029 χ^2/NDF : 304428.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.962+/-0.020 χ^2/NDF : 682770.8/18

asym_sam_12345678_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 65.249+/-516.807 χ^2/NDF : 8.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 872.390+/-480.531 χ^2/NDF : 7.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

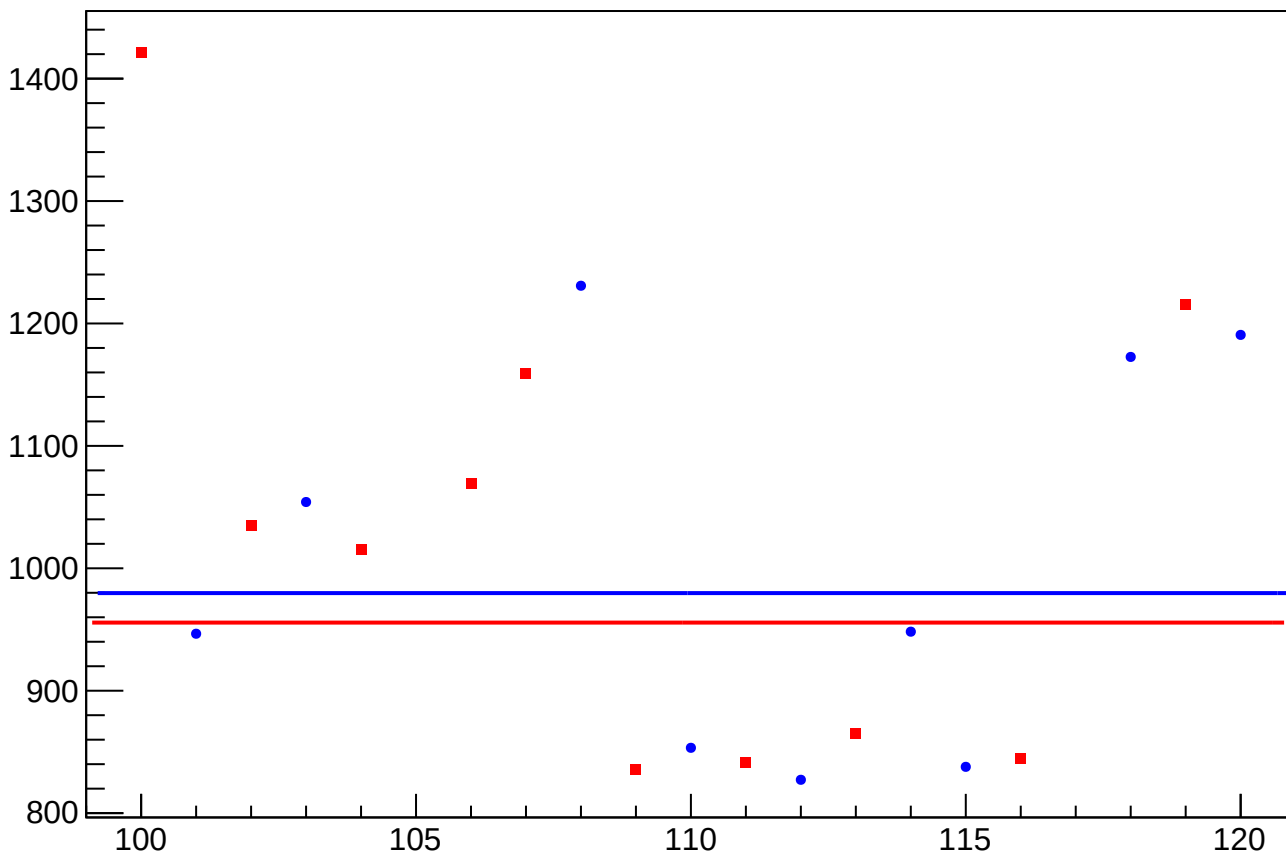
Right: 498.139+/-351.913 χ^2/NDF : 16.7/18

In: 65.249+/-516.807 χ^2/NDF : 8.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 498.139+/-351.913 χ^2/NDF : 16.7/18

asym_sam_12345678_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 979.749+/-0.365 χ^2/NDF : 150117.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 955.656+/-0.340 χ^2/NDF : 159204.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

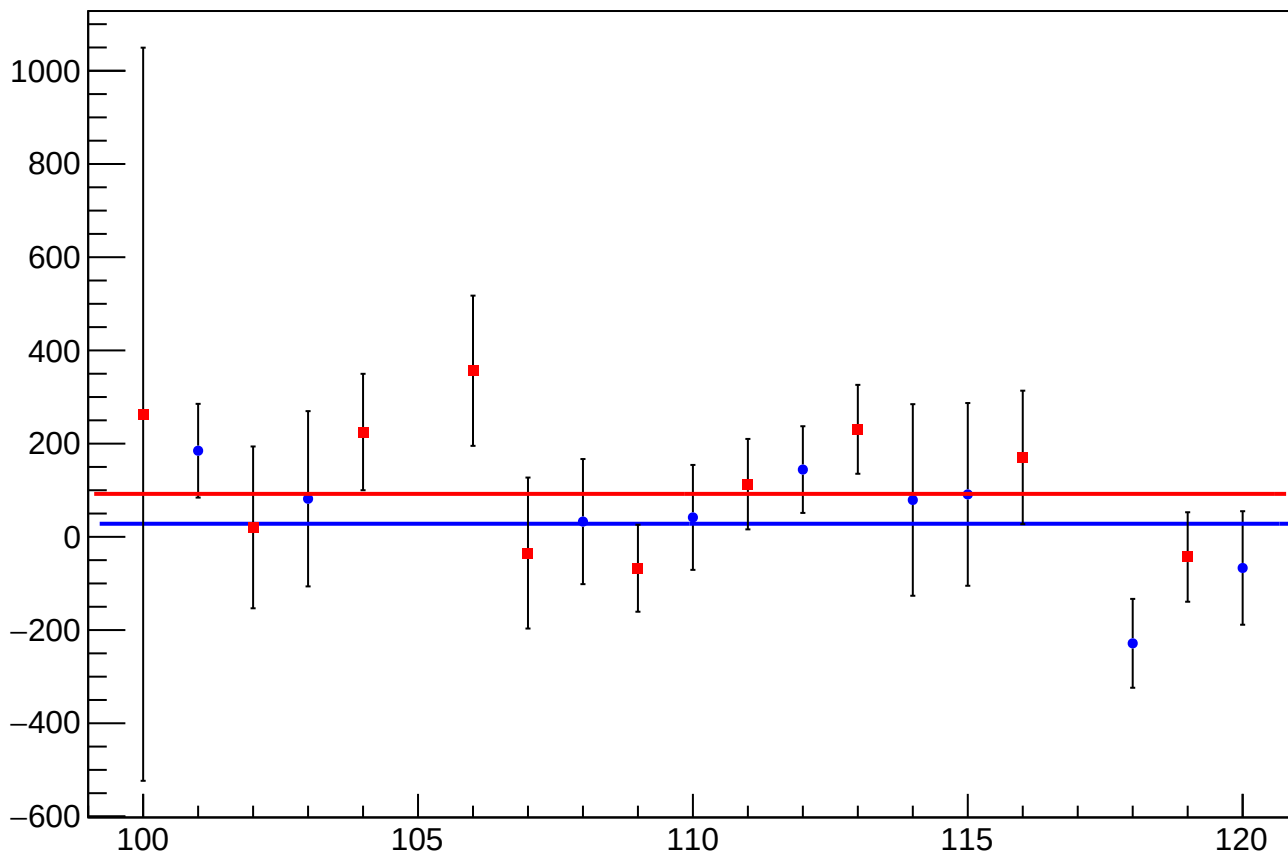
Right: 966.827+/-0.249 χ^2/NDF : 311653.5/18

In: 979.749+/-0.365 χ^2/NDF : 150117.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 966.827+/-0.249 χ^2/NDF : 311653.5/18

eigen_cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 28.103+/-40.679 χ^2/NDF : 12.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.197+/-38.813 χ^2/NDF : 12.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

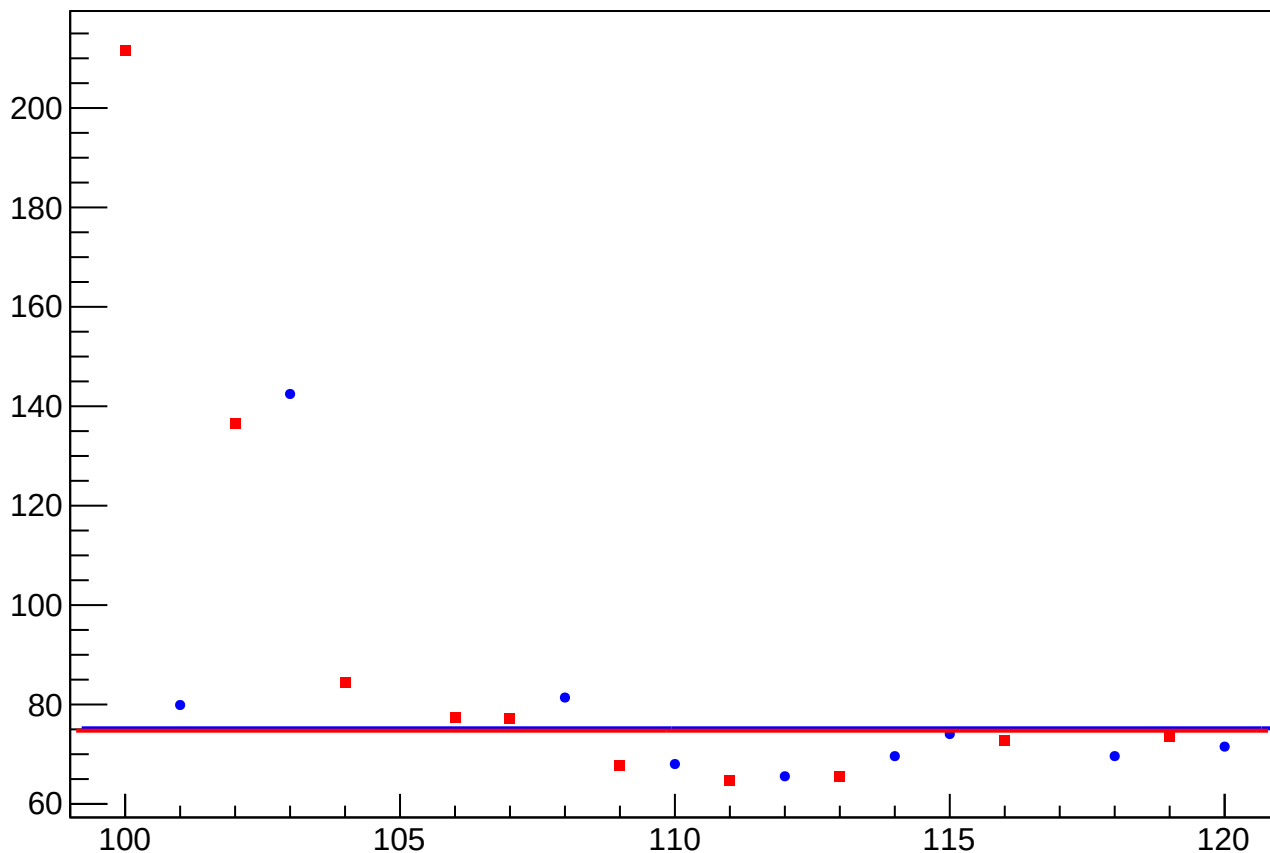
Right: 61.653+/-28.082 χ^2/NDF : 25.4/18

In: 28.103+/-40.679 χ^2/NDF : 12.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.653+/-28.082 χ^2/NDF : 25.4/18

eigen_cor_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 75.212+/-0.029 χ^2/NDF : 304428.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.734+/-0.027 χ^2/NDF : 378198.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

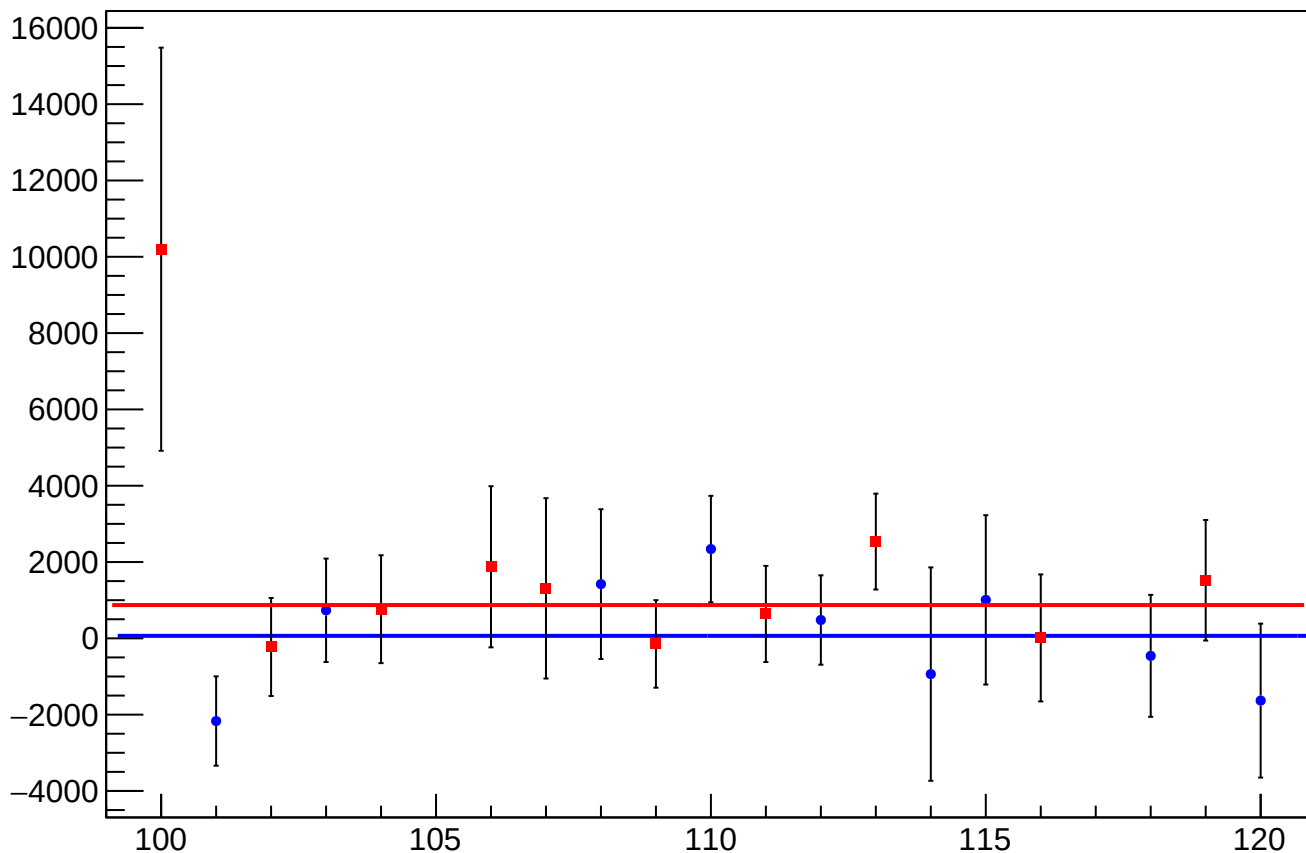
Right: 74.962+/-0.020 χ^2/NDF : 682770.8/18

In: 75.212+/-0.029 χ^2/NDF : 304428.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.962+/-0.020 χ^2/NDF : 682770.8/18

asym_sam_12345678_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 65.249+/-516.807 χ^2/NDF : 8.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 872.390+/-480.531 χ^2/NDF : 7.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

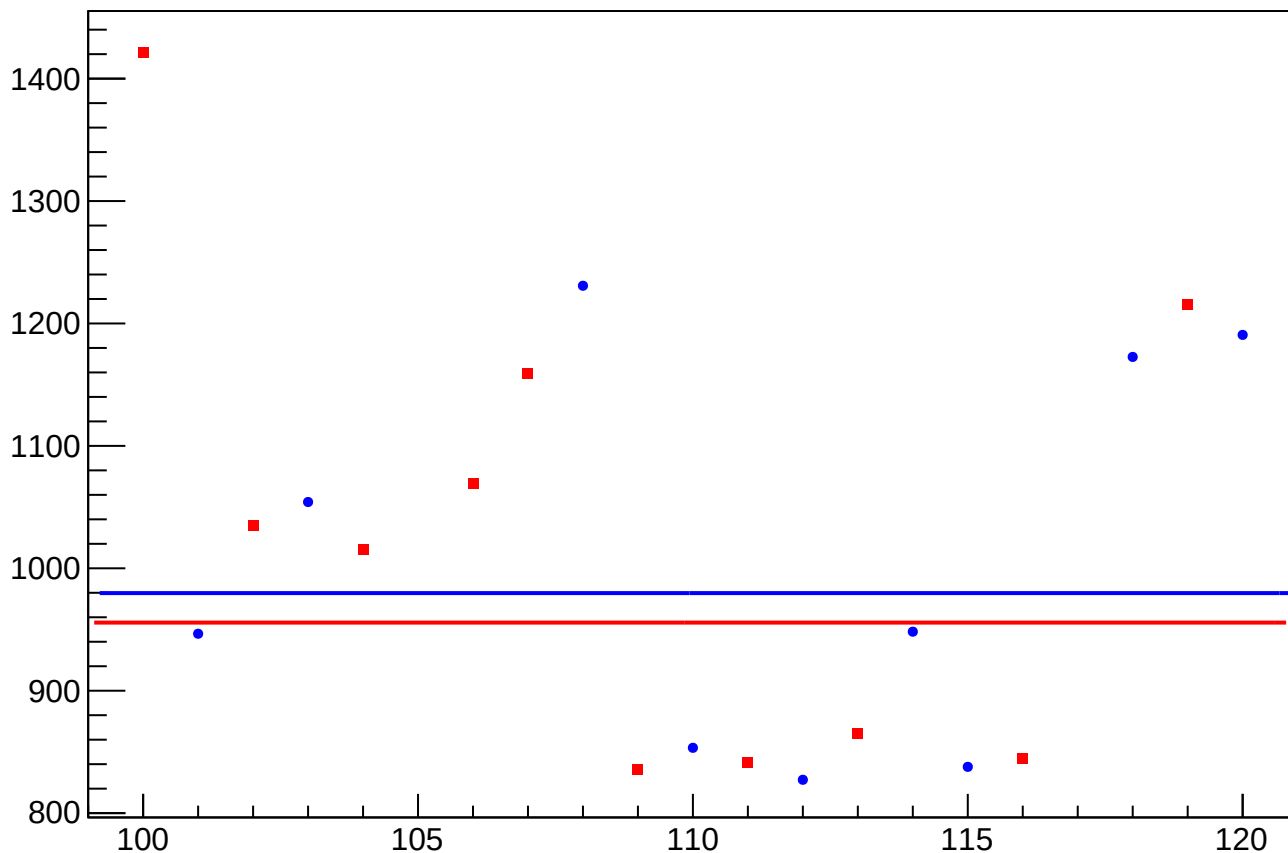
Right: 498.139+/-351.913 χ^2/NDF : 16.7/18

In: 65.249+/-516.807 χ^2/NDF : 8.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 498.139+/-351.913 χ^2/NDF : 16.7/18

asym_sam_12345678_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 979.749+/-0.365 χ^2/NDF : 150117.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 955.656+/-0.340 χ^2/NDF : 159204.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

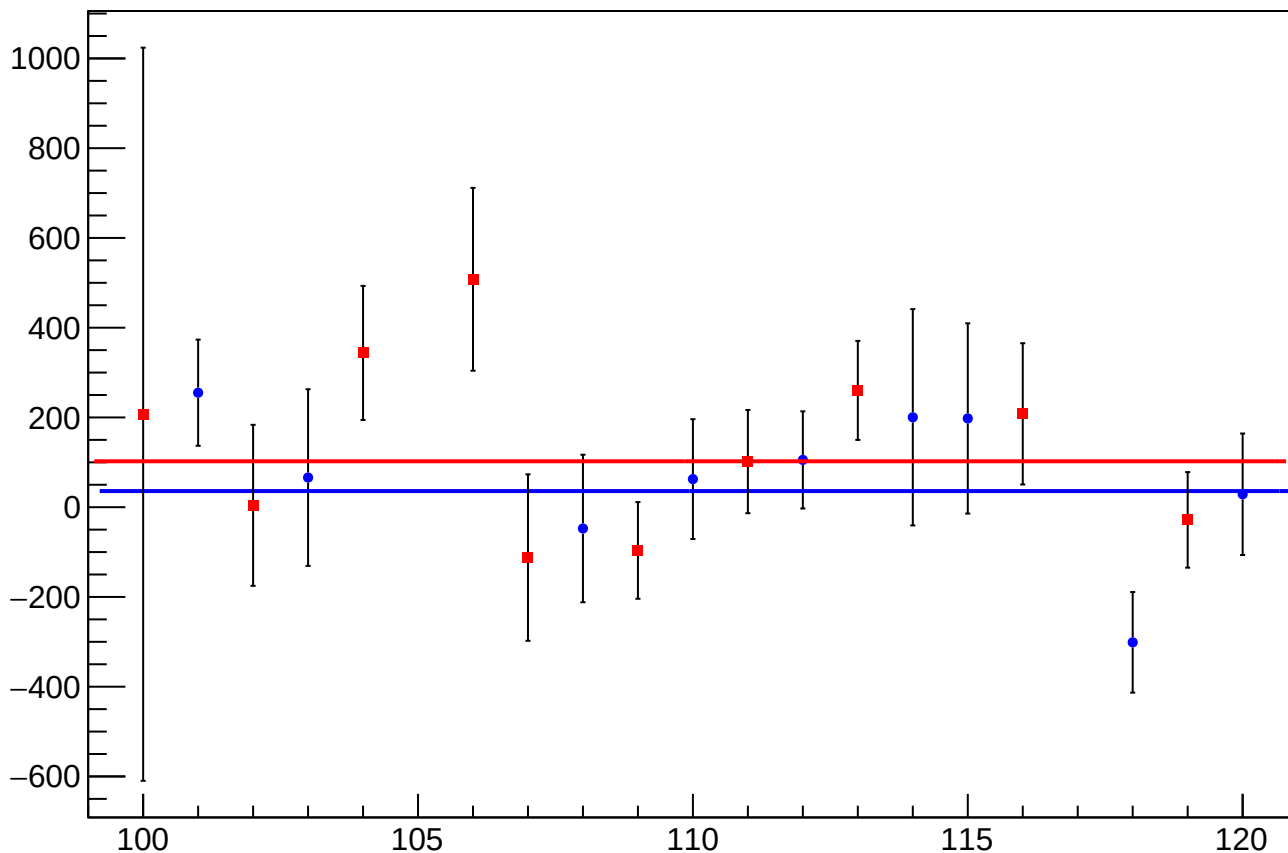
Right: 966.827+/-0.249 χ^2/NDF : 311653.5/18

In: 979.749+/-0.365 χ^2/NDF : 150117.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 966.827+/-0.249 χ^2/NDF : 311653.5/18

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 35.924+/-47.172 χ^2/NDF : 14.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.312+/-44.586 χ^2/NDF : 15.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

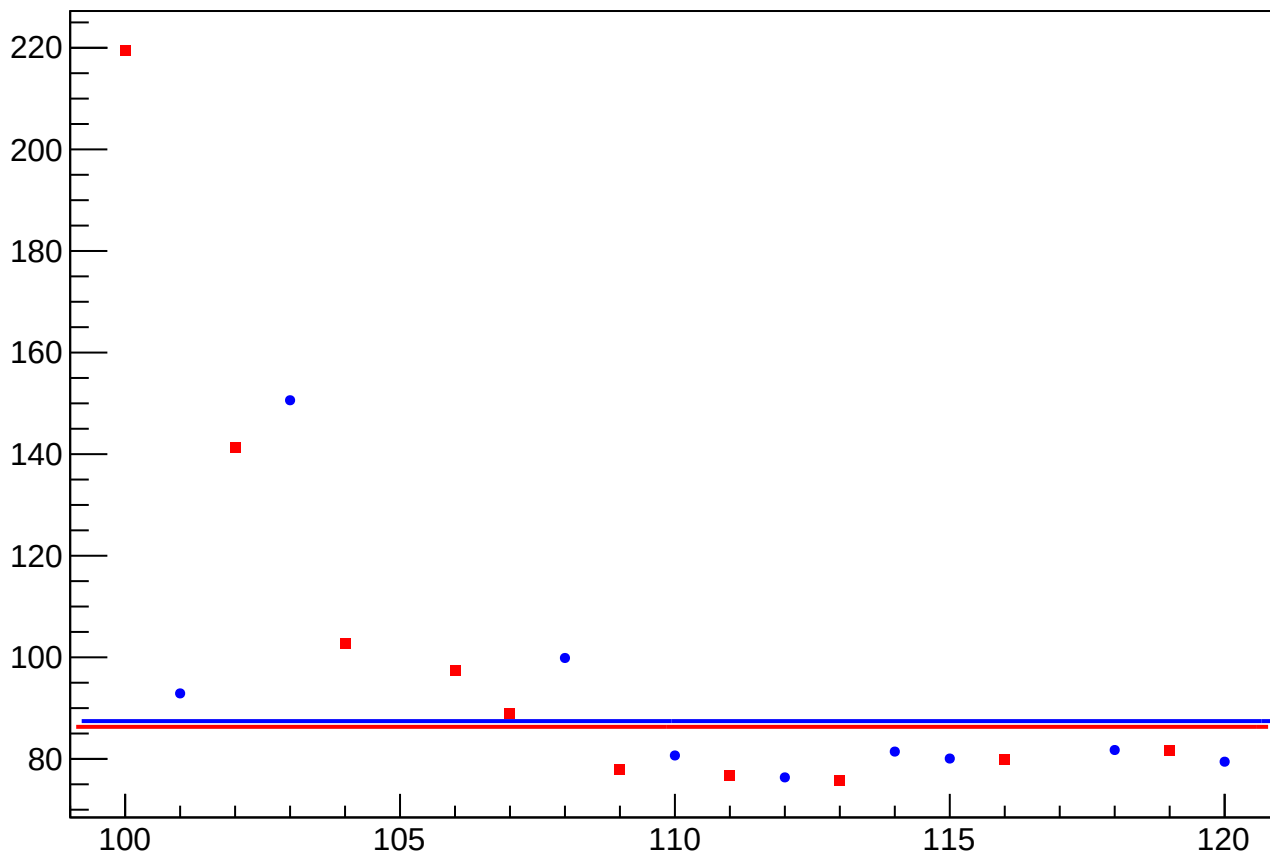
Right: 70.988+/-32.403 χ^2/NDF : 30.9/18

In: 35.924+/-47.172 χ^2/NDF : 14.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.988+/-32.403 χ^2/NDF : 30.9/18

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 87.442+/-0.033 χ^2/NDF : 263594.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.315+/-0.032 χ^2/NDF : 323028.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

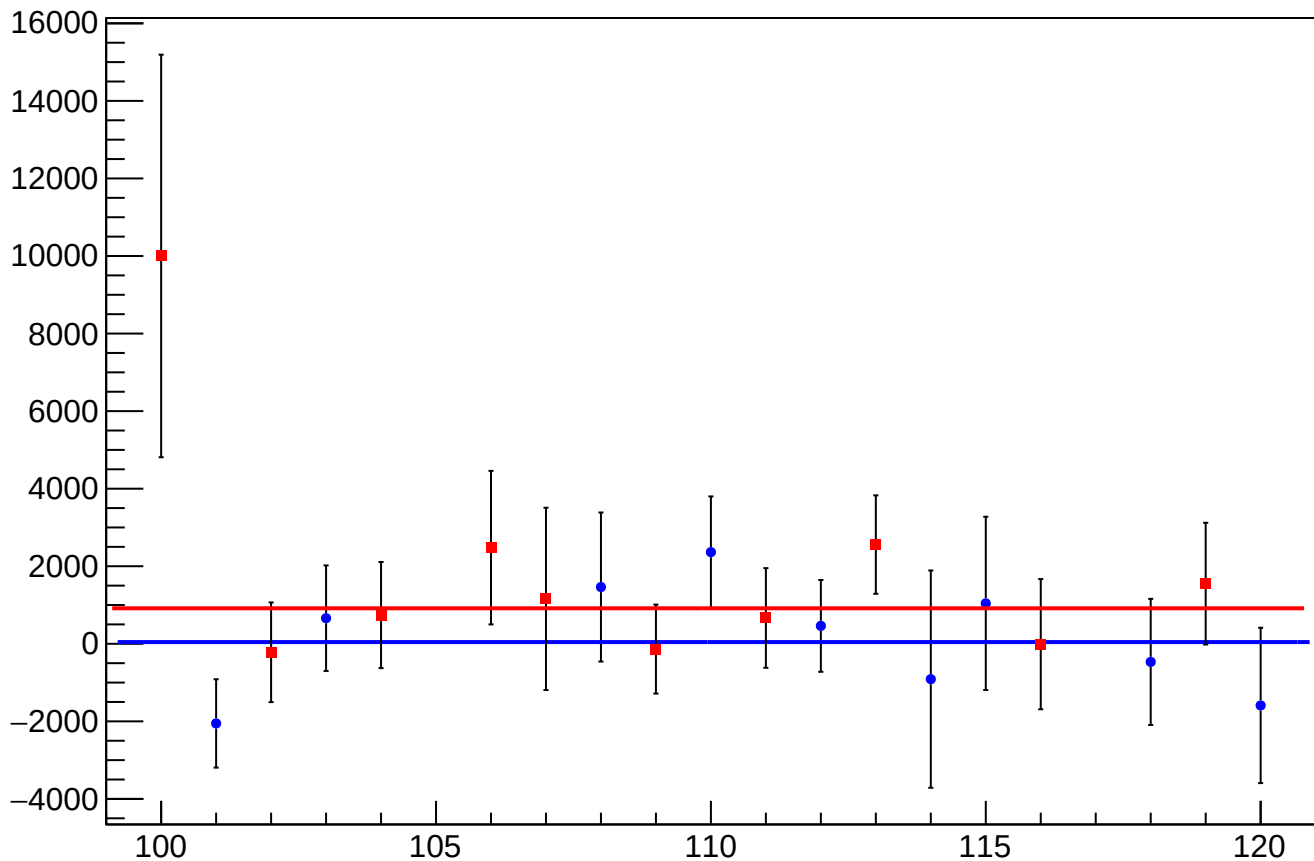
Right: 86.847+/-0.023 χ^2/NDF : 587225.8/18

In: 87.442+/-0.033 χ^2/NDF : 263594.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.847+/-0.023 χ^2/NDF : 587225.8/18

asym_sam_12345678_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 44.384+/-517.463 χ^2/NDF : 8.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 915.890+/-478.995 χ^2/NDF : 7.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

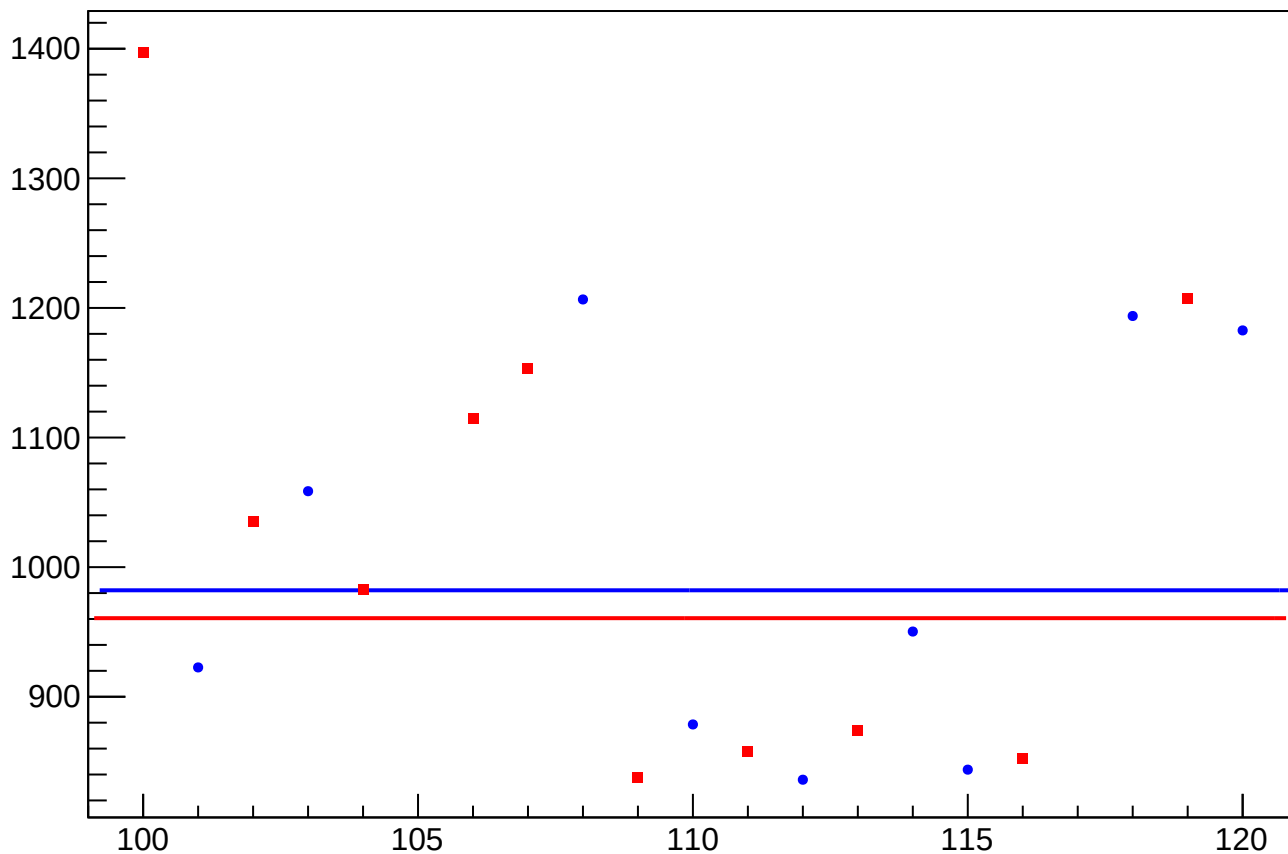
Right: 513.731+/-351.514 χ^2/NDF : 17.0/18

In: 44.384+/-517.463 χ^2/NDF : 8.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 513.731+/-351.514 χ^2/NDF : 17.0/18

asym_sam_12345678_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 982.143+/-0.366 χ^2/NDF : 141774.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 960.631+/-0.339 χ^2/NDF : 149628.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

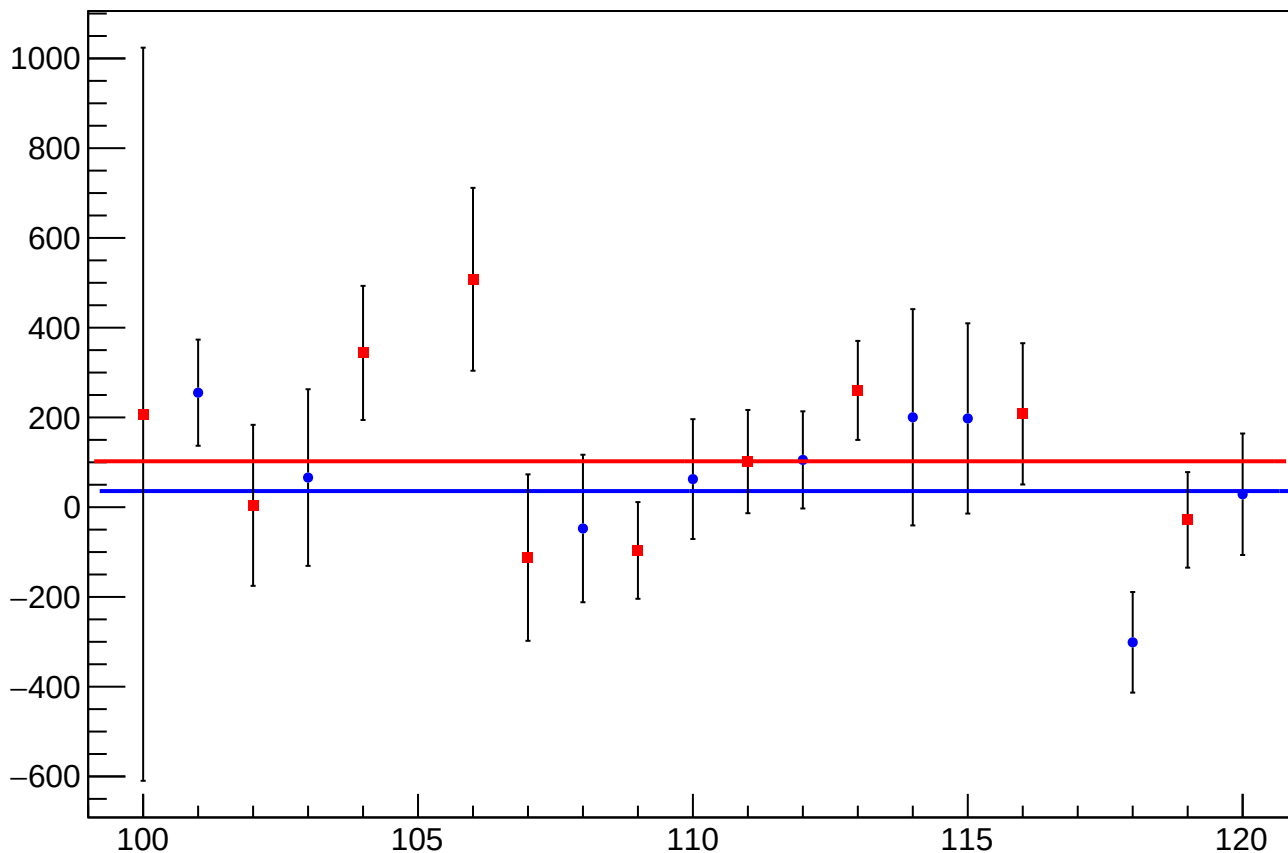
Right: 970.558+/-0.249 χ^2/NDF : 293265.1/18

In: 982.143+/-0.366 χ^2/NDF : 141774.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 970.558+/-0.249 χ^2/NDF : 293265.1/18

eigen_dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 35.923+/-47.172 χ^2/NDF : 14.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.310+/-44.586 χ^2/NDF : 15.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

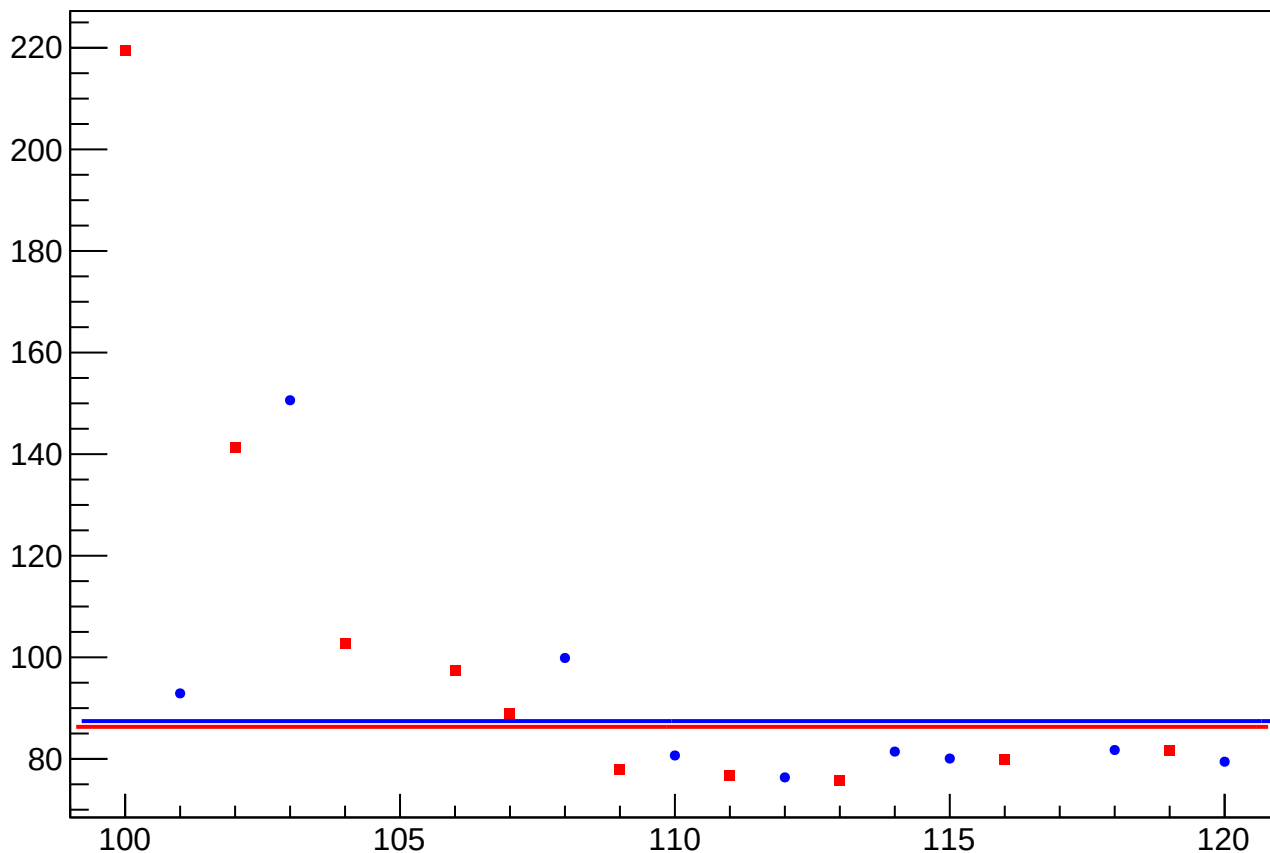
Right: 70.986+/-32.403 χ^2/NDF : 30.9/18

In: 35.923+/-47.172 χ^2/NDF : 14.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.986+/-32.403 χ^2/NDF : 30.9/18

eigen_dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 87.442+/-0.033 χ^2/NDF : 263598.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.314+/-0.032 χ^2/NDF : 323036.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

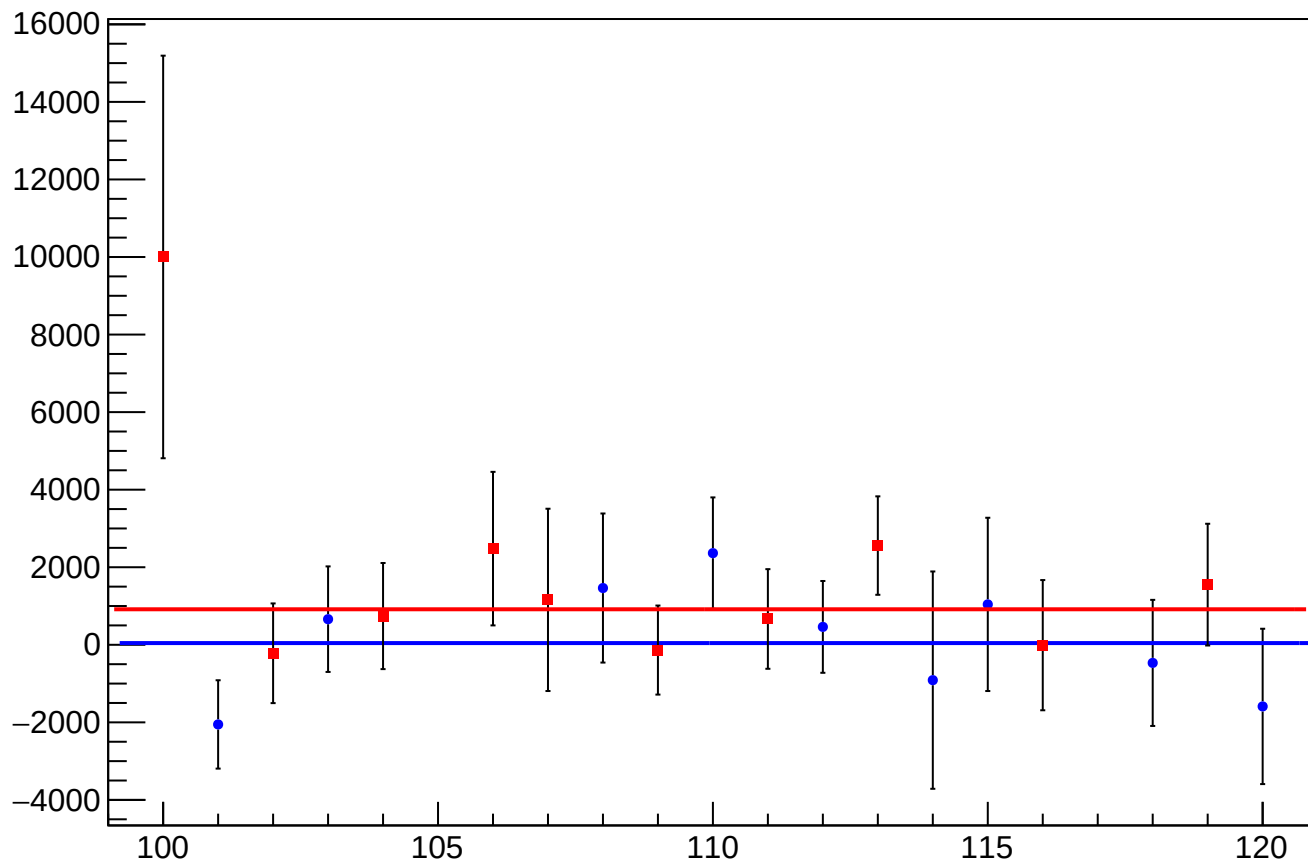
Right: 86.846+/-0.023 χ^2/NDF : 587238.7/18

In: 87.442+/-0.033 χ^2/NDF : 263598.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.846+/-0.023 χ^2/NDF : 587238.7/18

asym_sam_12345678_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 44.385+/-517.462 χ^2/NDF : 8.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 915.888+/-478.994 χ^2/NDF : 7.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

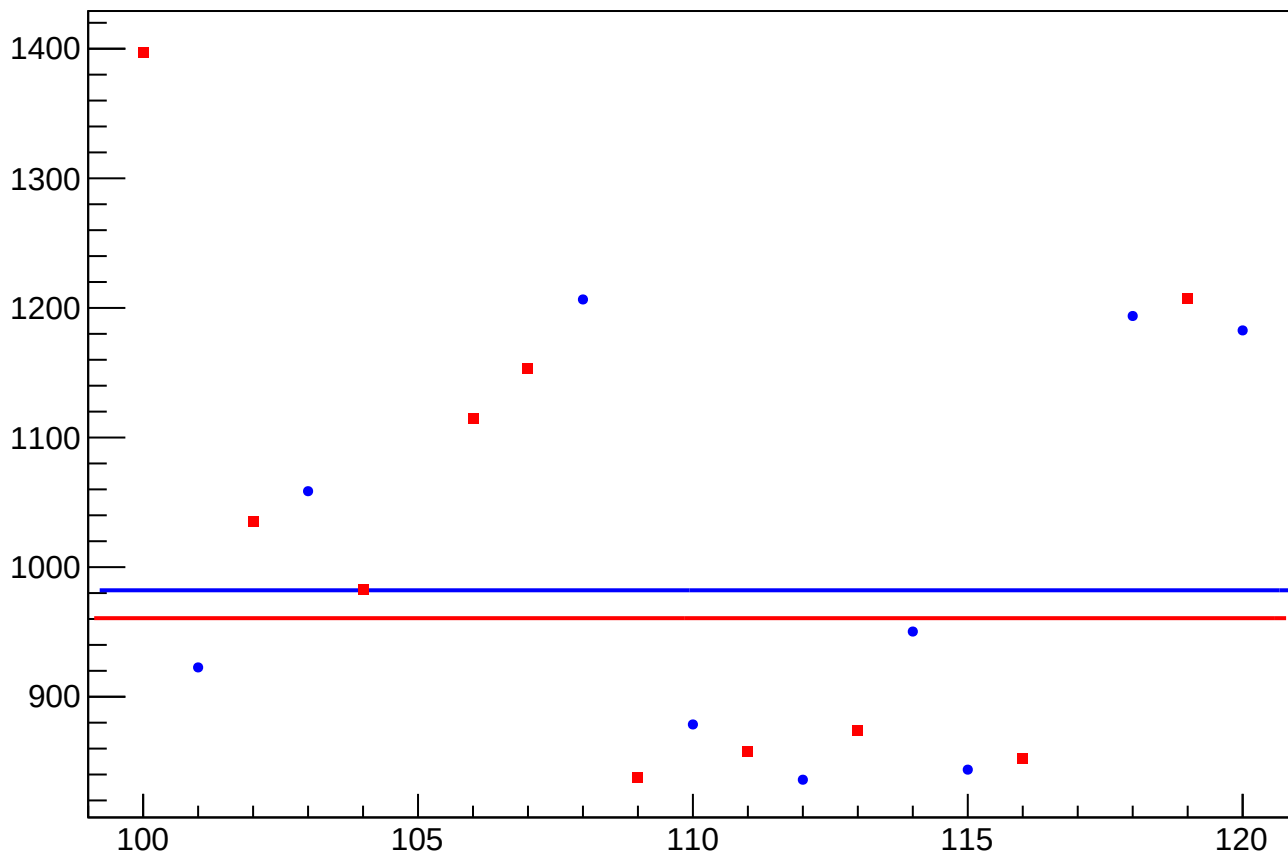
Right: 513.731+/-351.513 χ^2/NDF : 17.0/18

In: 44.385+/-517.462 χ^2/NDF : 8.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 513.731+/-351.513 χ^2/NDF : 17.0/18

asym_sam_12345678_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 982.140+/-0.366 χ^2/NDF : 141777.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 960.628+/-0.339 χ^2/NDF : 149630.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

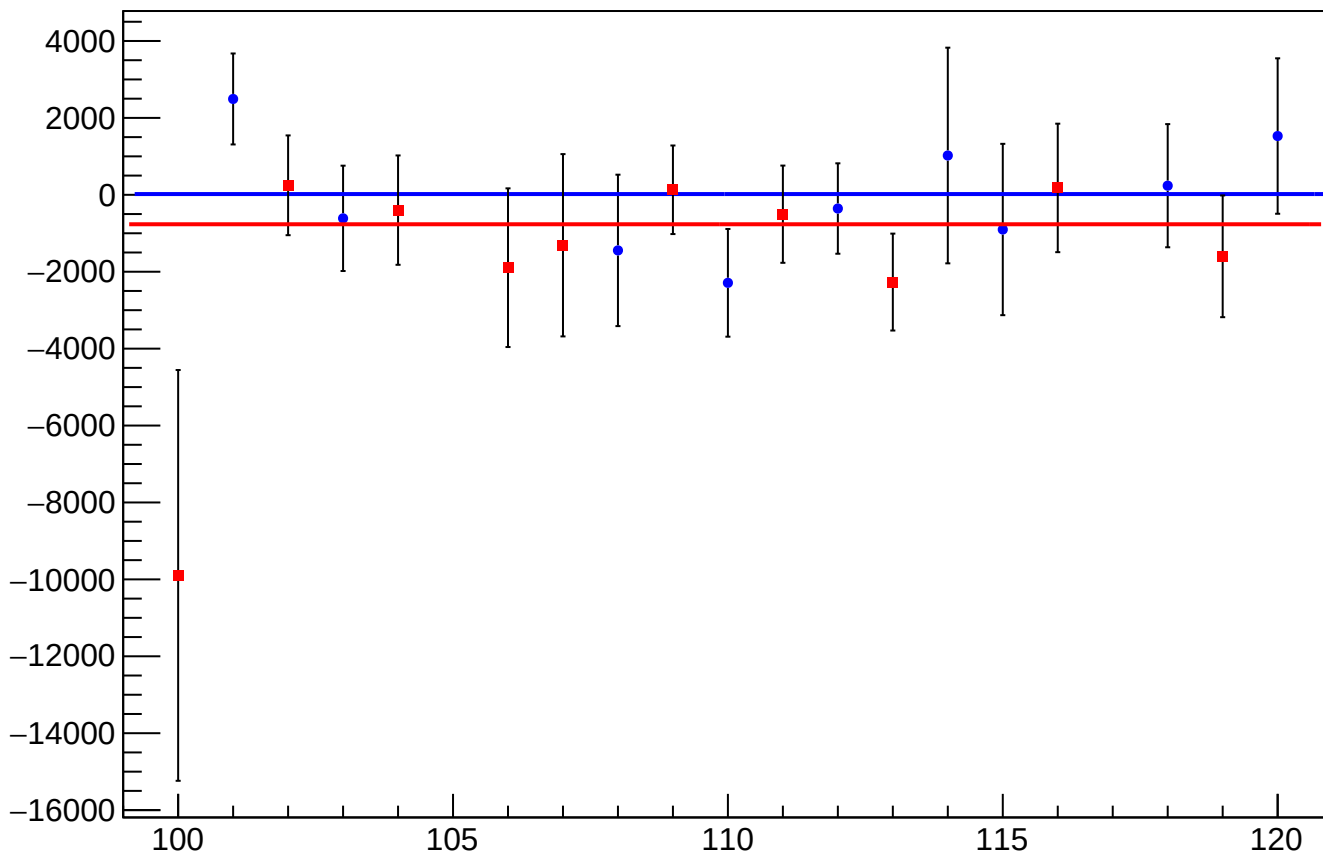
Right: 970.555+/-0.249 χ^2/NDF : 293270.2/18

In: 982.140+/-0.366 χ^2/NDF : 141777.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 970.555+/-0.249 χ^2/NDF : 293270.2/18

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 19.539+/-519.660 χ^2/NDF : 8.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -765.597+/-482.010 χ^2/NDF : 6.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

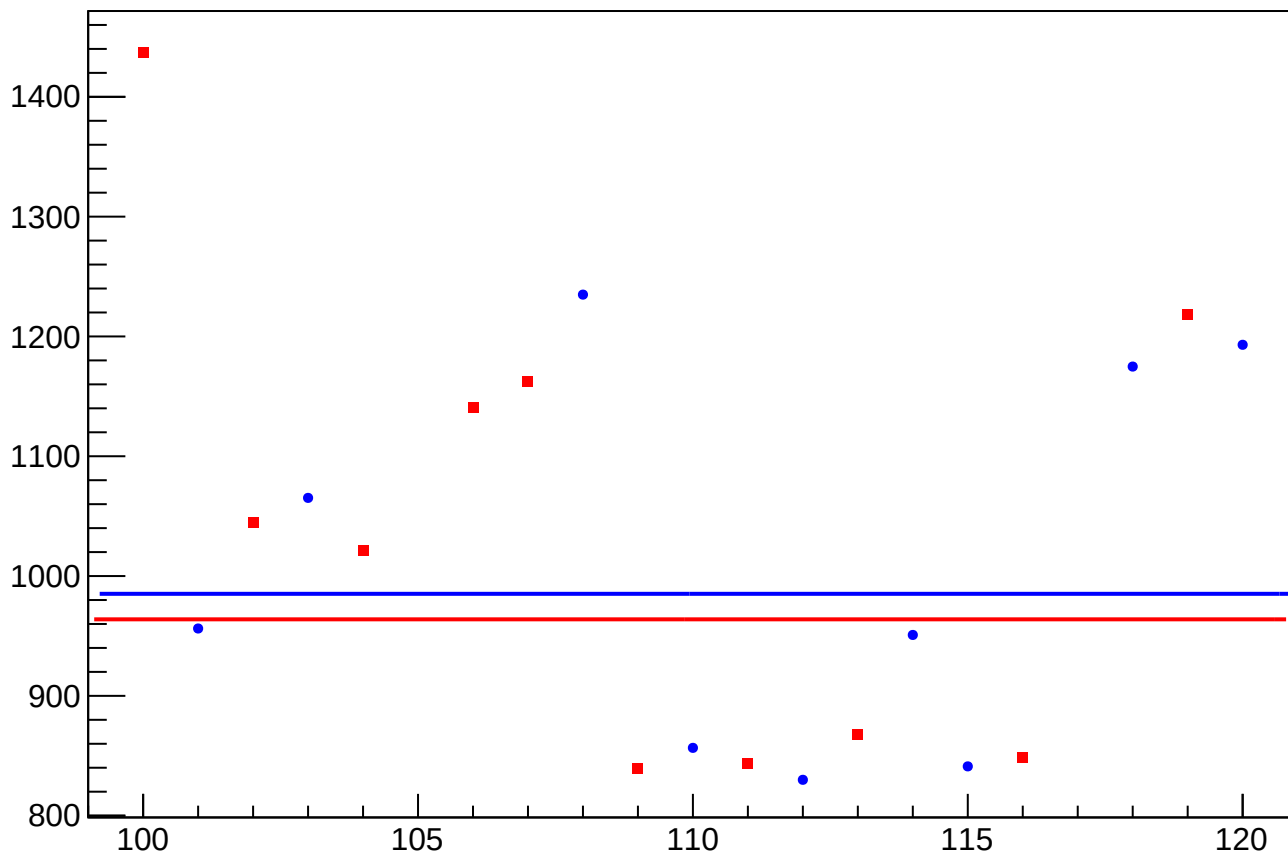
Right: -402.499+/-353.394 χ^2/NDF : 16.7/18

In: 19.539+/-519.660 χ^2/NDF : 8.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -402.499+/-353.394 χ^2/NDF : 16.7/18

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 985.169+/-0.367 χ^2/NDF : 149841.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 963.873+/-0.341 χ^2/NDF : 169728.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

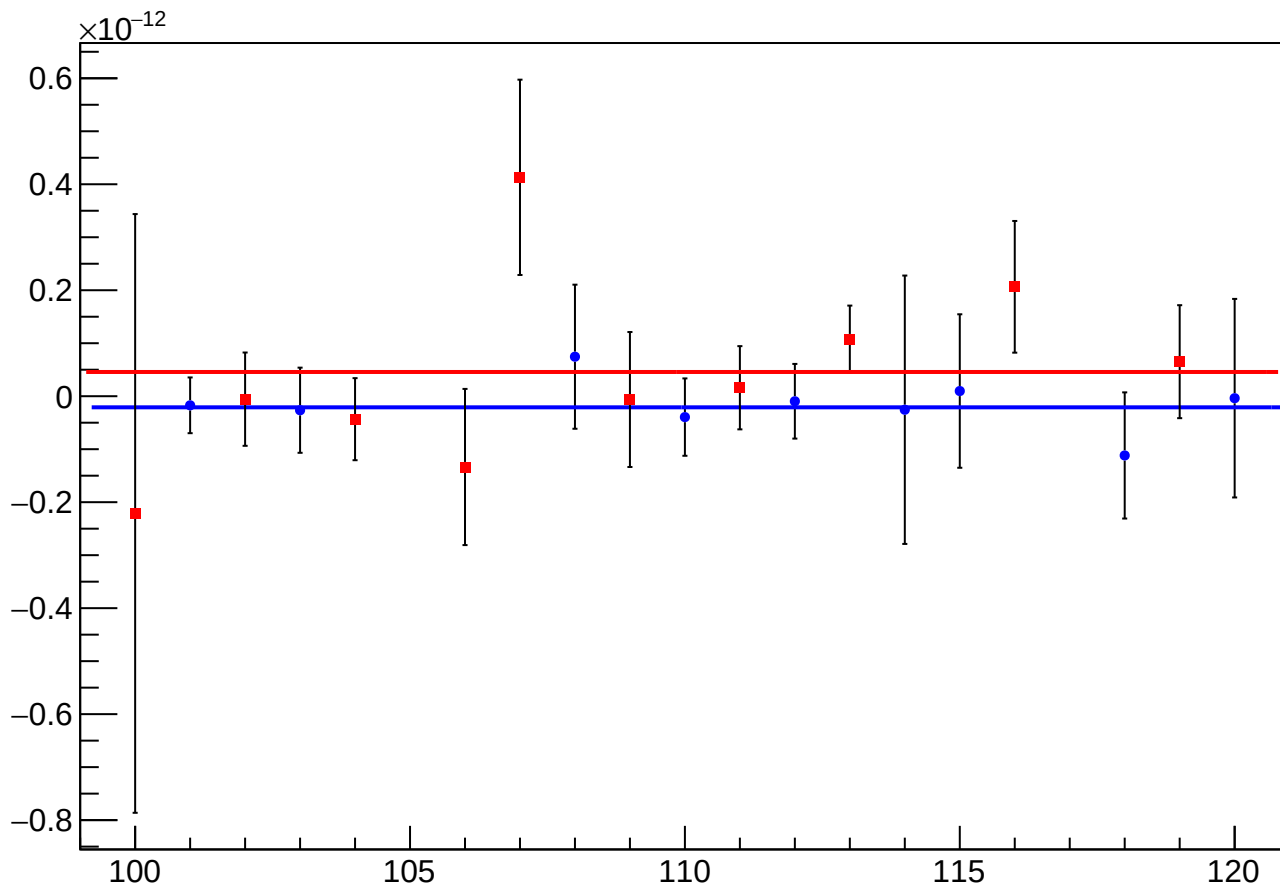
Right: 973.722+/-0.250 χ^2/NDF : 321375.6/18

In: 985.169+/-0.367 χ^2/NDF : 149841.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 973.722+/-0.250 χ^2/NDF : 321375.6/18

asym_sam_12345678_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 1.2/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 10.3/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

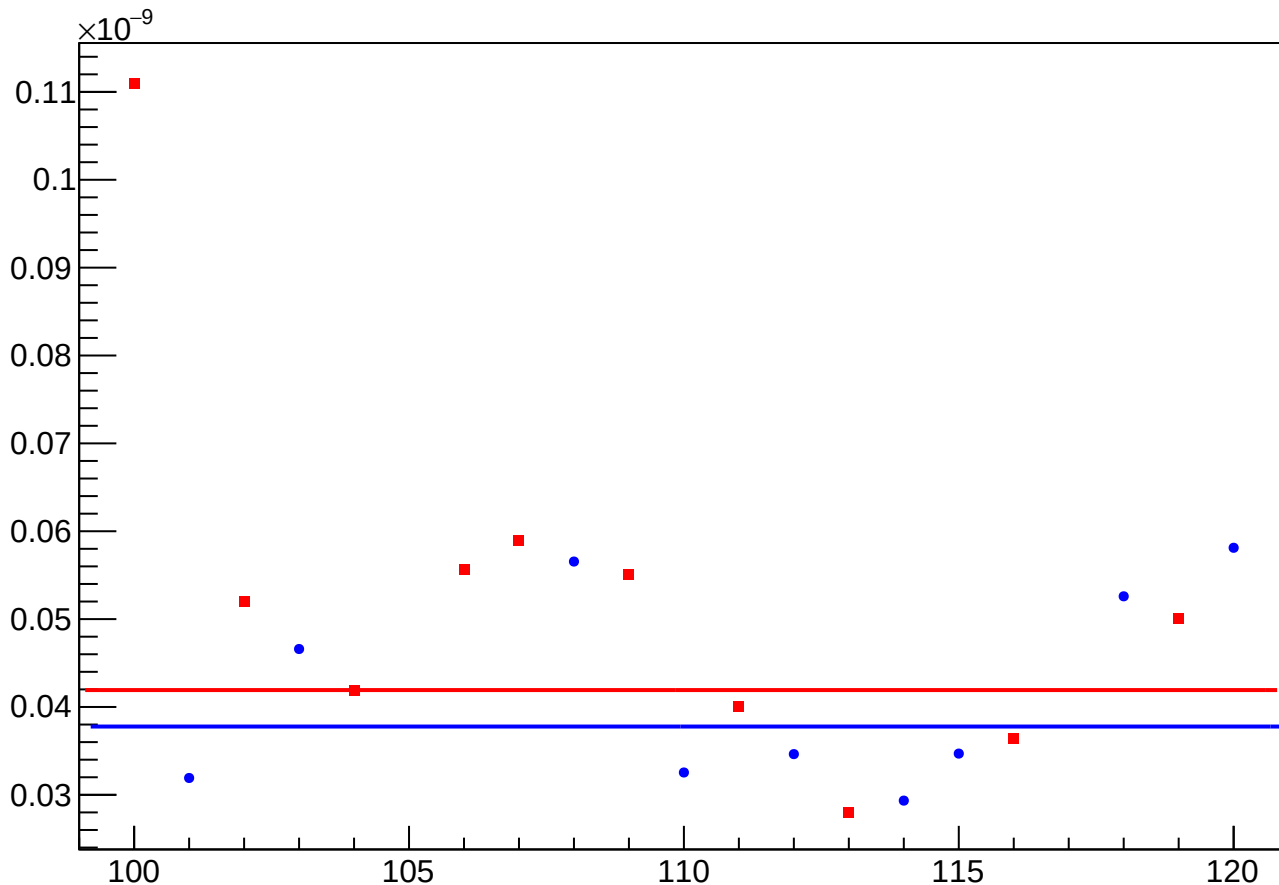
Right: 0.000+/-0.000 χ^2 /NDF: 13.9/18

In: -0.000+/-0.000 χ^2 /NDF:1.2/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 13.9/18

asym_sam_12345678_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 158983.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 226012.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

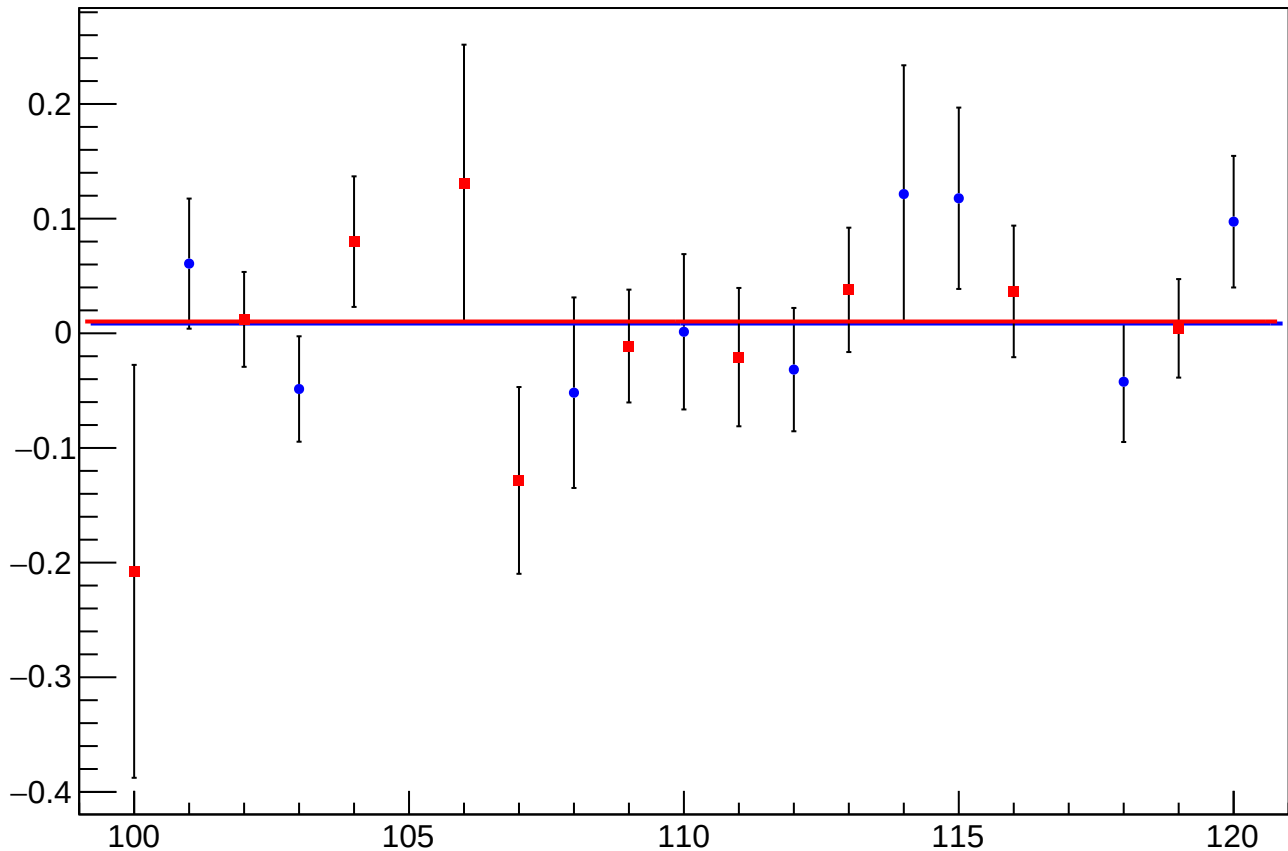
Right: 0.000+/-0.000 χ^2/NDF : 403234.8/18

In: 0.000+/-0.000 χ^2/NDF : 158983.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 403234.8/18

asym_sam_12345678_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.020 χ^2 /NDF: 9.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.018 χ^2 /NDF: 7.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

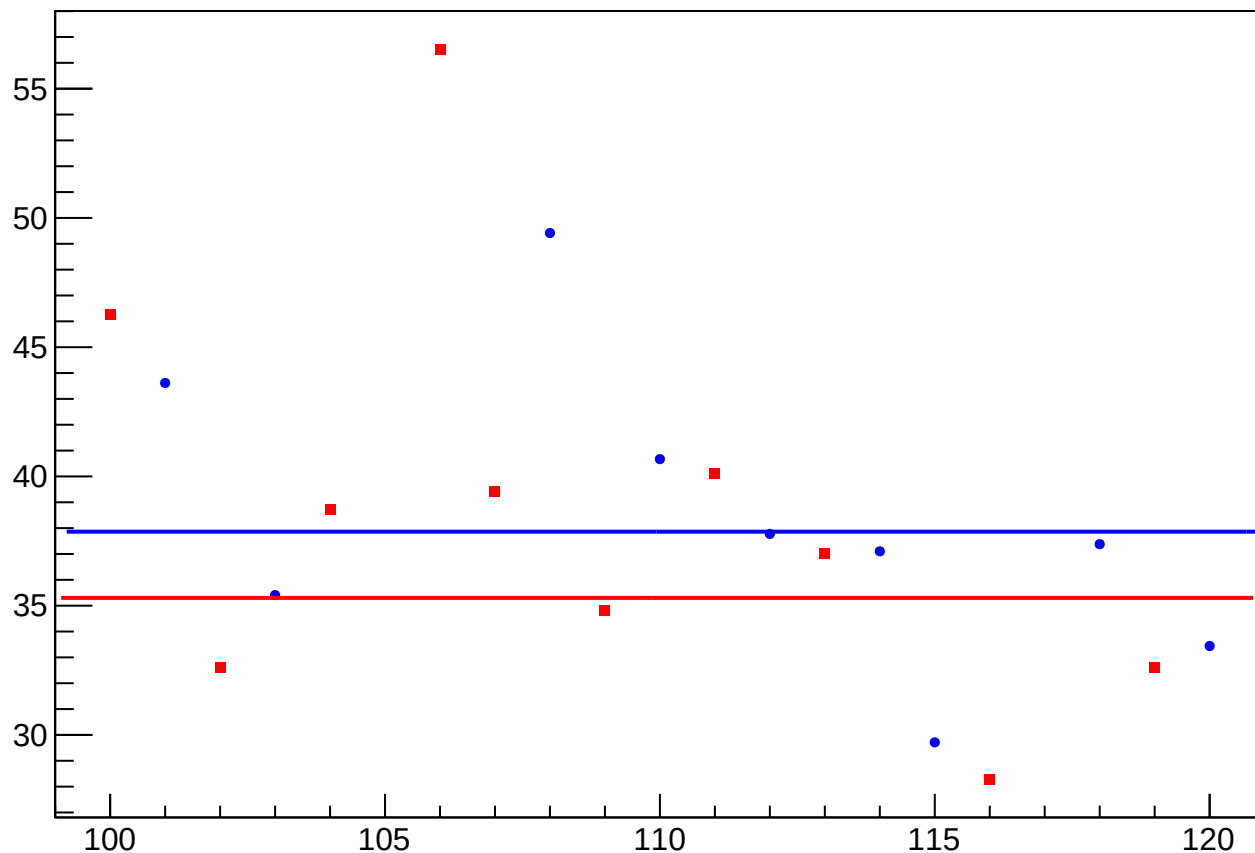
Right: 0.010 $\pm$ 0.014 χ^2 /NDF: 17.5/18

In: 0.009 $\pm$ 0.020 χ^2 /NDF:9.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.010 $\pm$ 0.014 χ^2 /NDF: 17.5/18

asym_sam_12345678_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.863+/-0.014 χ^2/NDF : 101737.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.301+/-0.013 χ^2/NDF : 142844.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

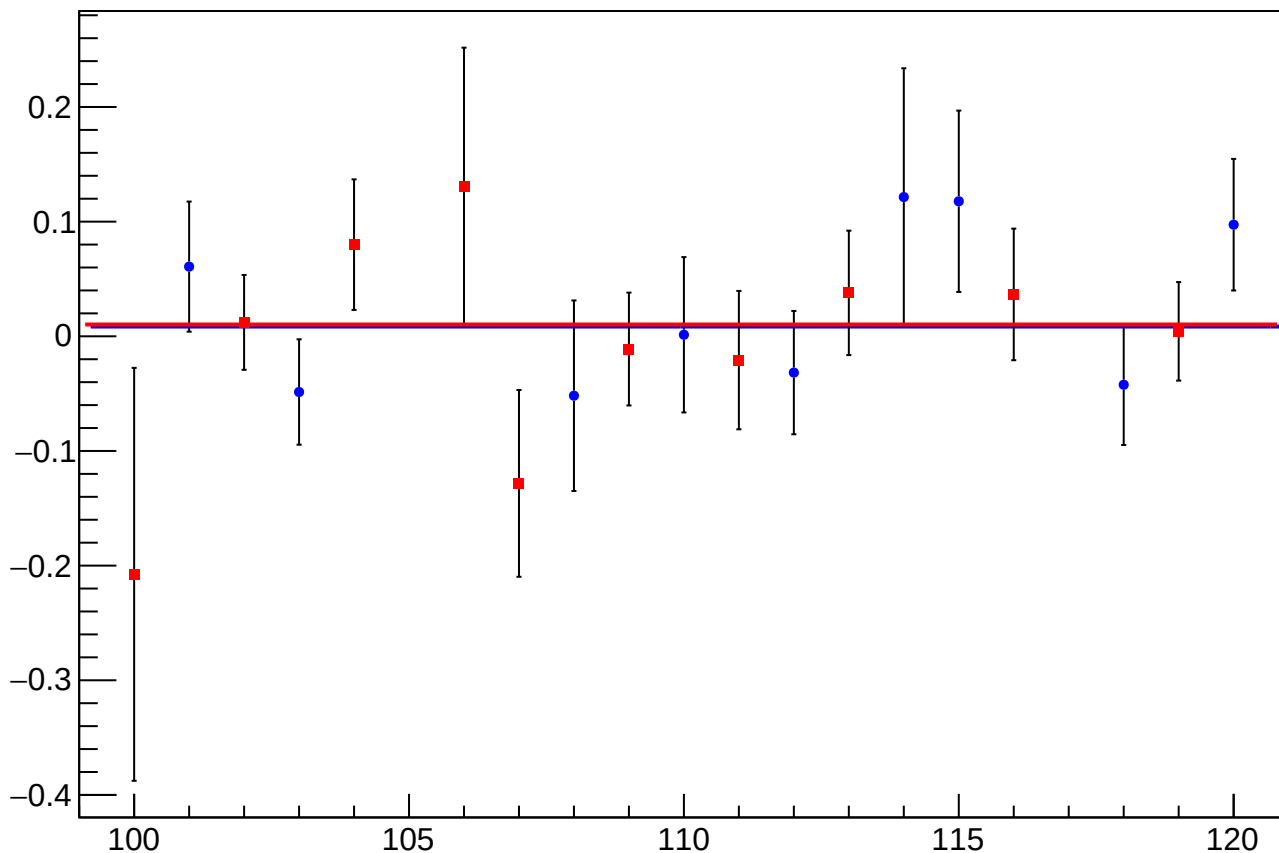
Right: 36.436+/-0.010 χ^2/NDF : 262109.2/18

In: 37.863+/-0.014 χ^2/NDF : 101737.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.436+/-0.010 χ^2/NDF : 262109.2/18

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.020 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.018 χ^2/NDF : 7.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

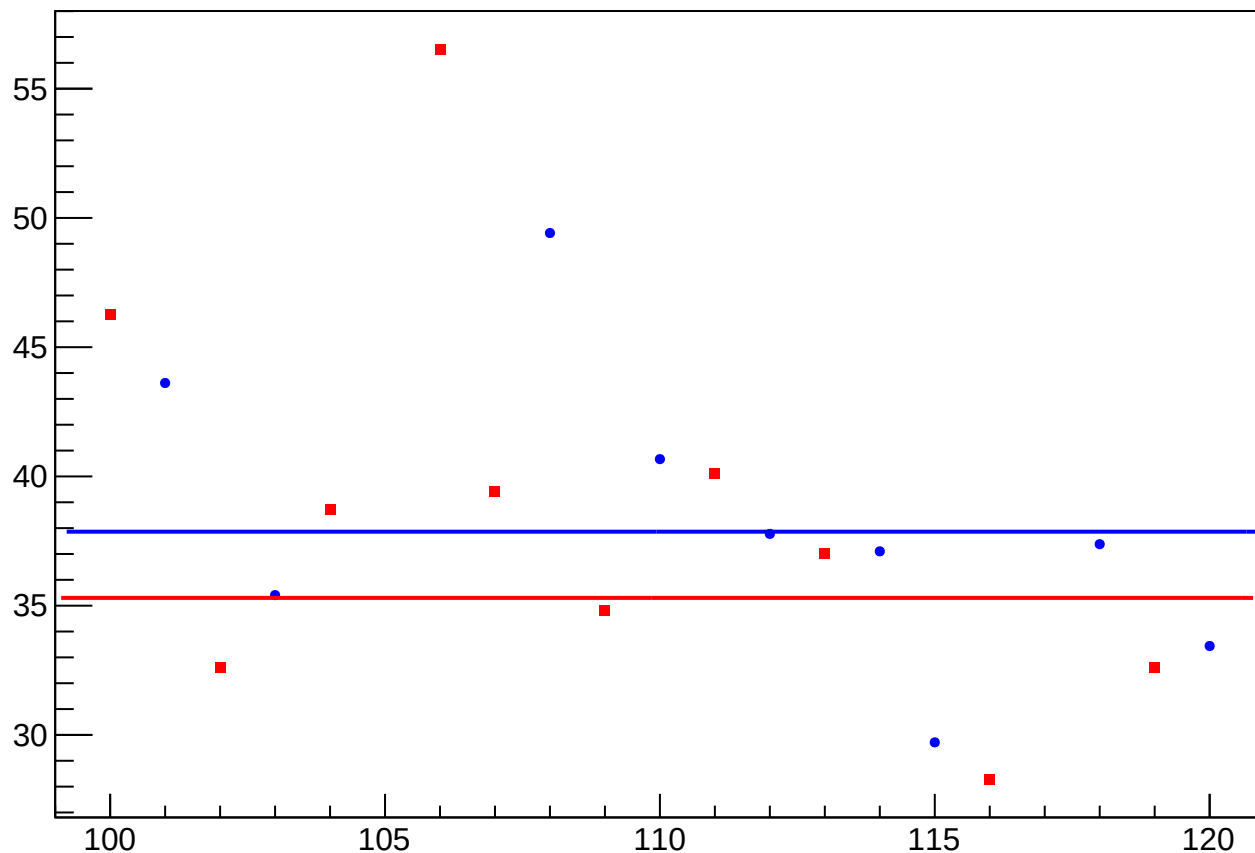
Right: 0.010+/-0.014 χ^2/NDF : 17.5/18

In: 0.009+/-0.020 χ^2/NDF : 9.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.014 χ^2/NDF : 17.5/18

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.863+/-0.014 χ^2/NDF : 101737.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.301+/-0.013 χ^2/NDF : 142844.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

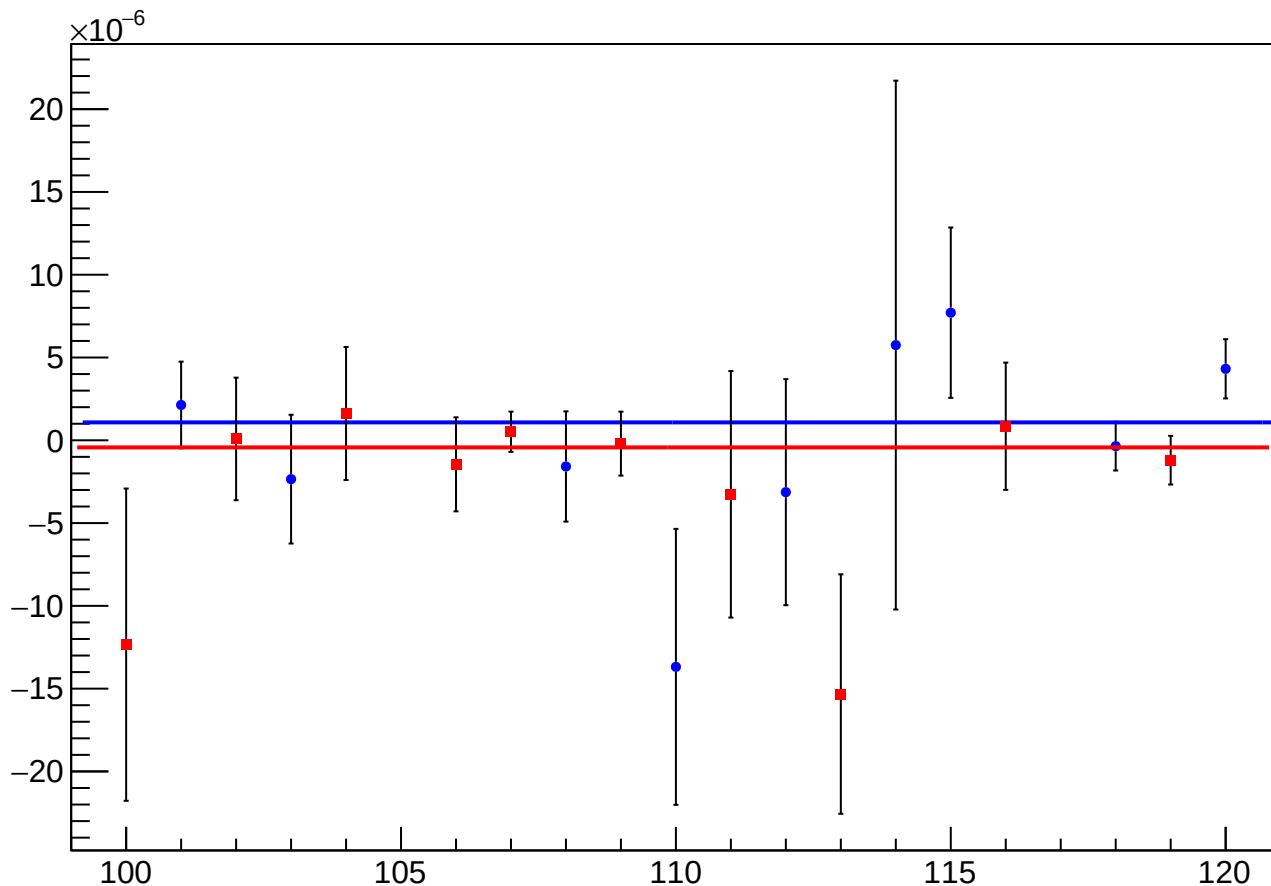
Right: 36.436+/-0.010 χ^2/NDF : 262109.2/18

In: 37.863+/-0.014 χ^2/NDF : 101737.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.436+/-0.010 χ^2/NDF : 262109.2/18

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

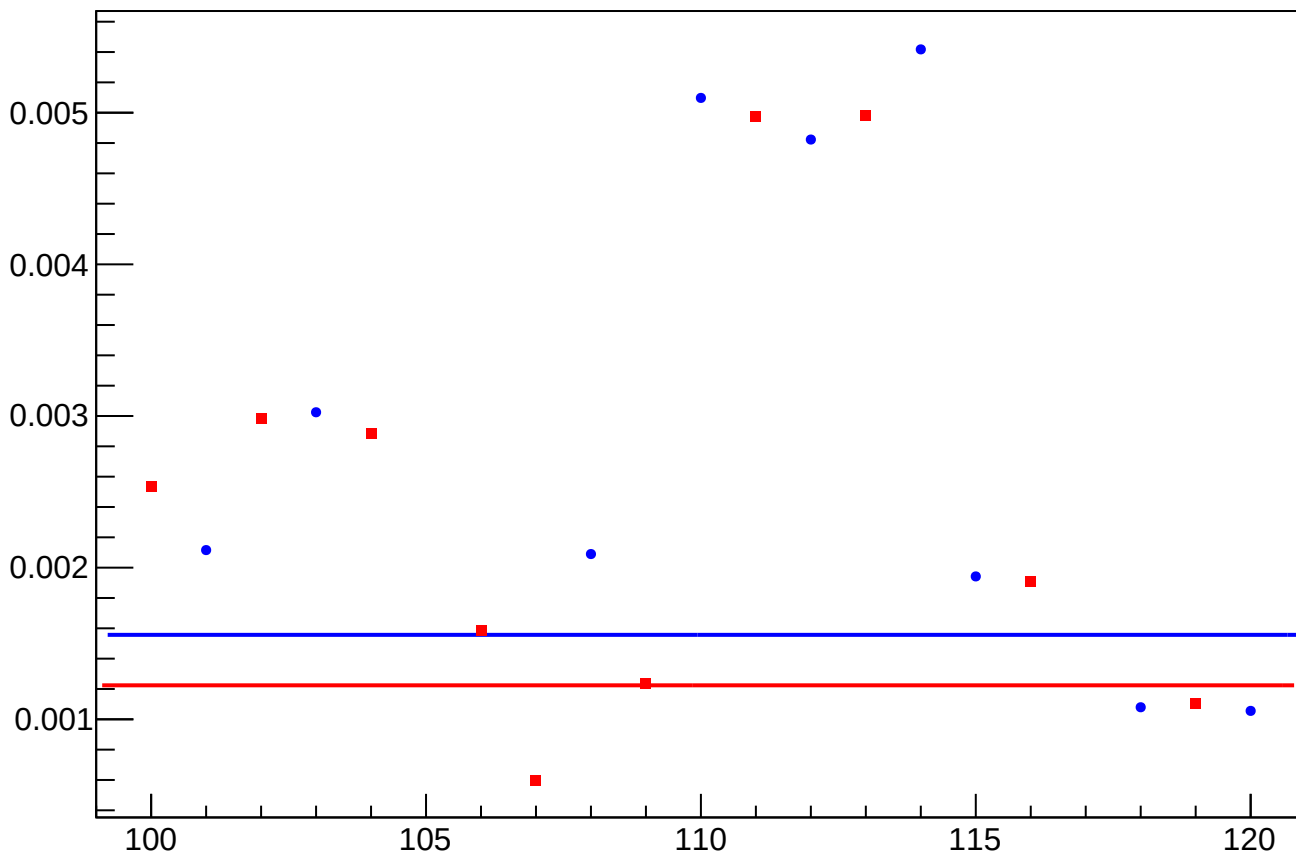
Right: 0.000+/-0.000 χ^2/NDF : 20.1/18

In: 0.000+/-0.000 χ^2/NDF : 11.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.1/18

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1742530.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2524997.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

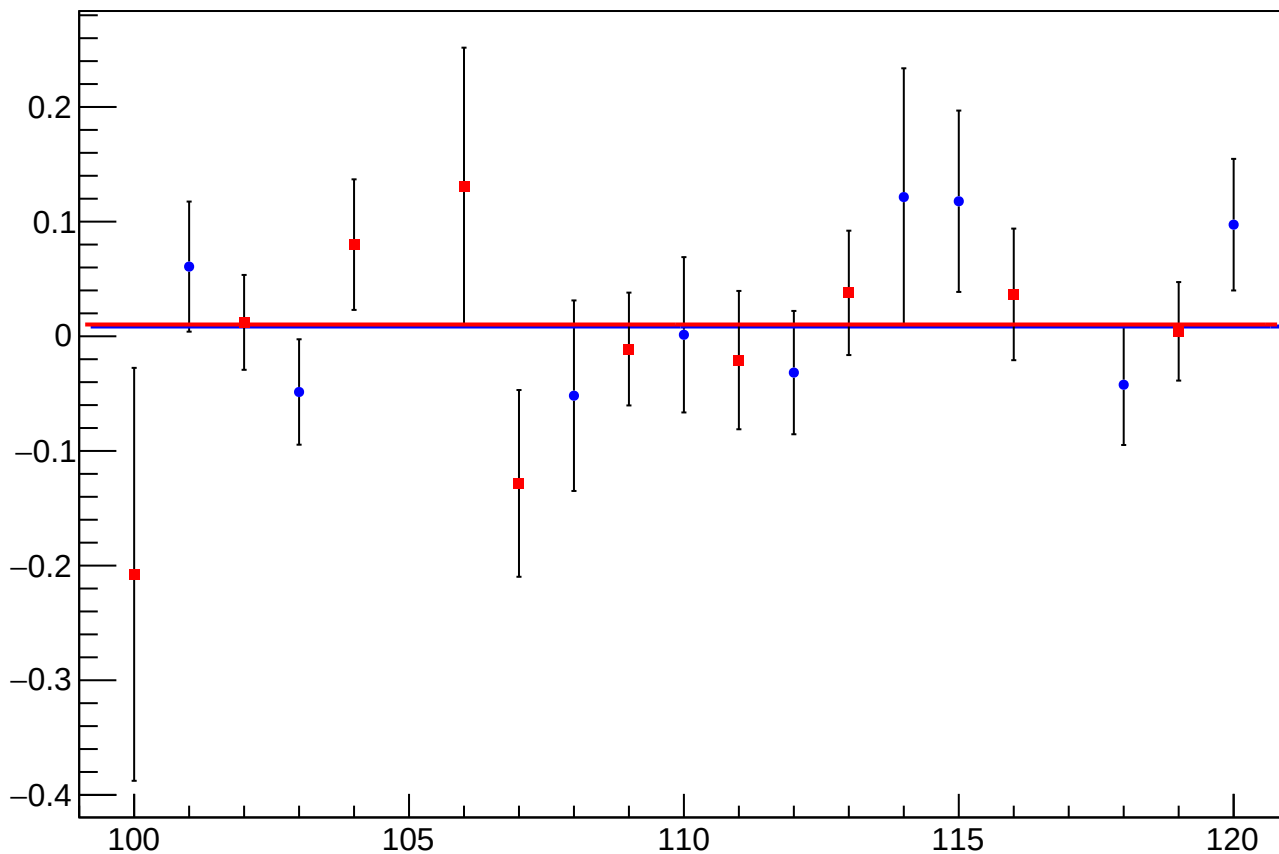
Right: 0.001+/-0.000 χ^2/NDF : 4422874.8/18

In: 0.002+/-0.000 χ^2/NDF : 1742530.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4422874.8/18

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.020 χ^2/NDF : 9.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.018 χ^2/NDF : 7.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

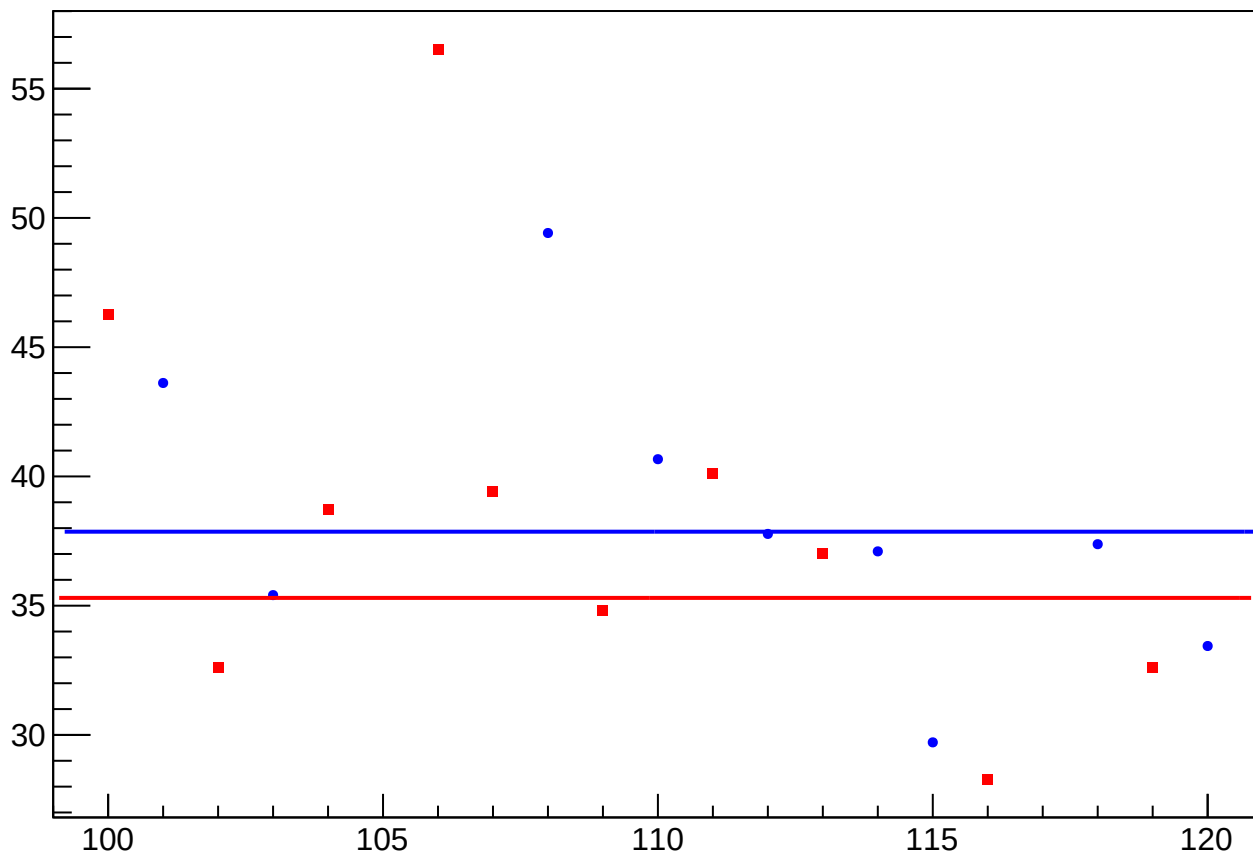
Right: 0.010+/-0.014 χ^2/NDF : 17.5/18

In: 0.009+/-0.020 χ^2/NDF : 9.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.014 χ^2/NDF : 17.5/18

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.862+/-0.014 χ^2/NDF : 101742.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.301+/-0.013 χ^2/NDF : 142834.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

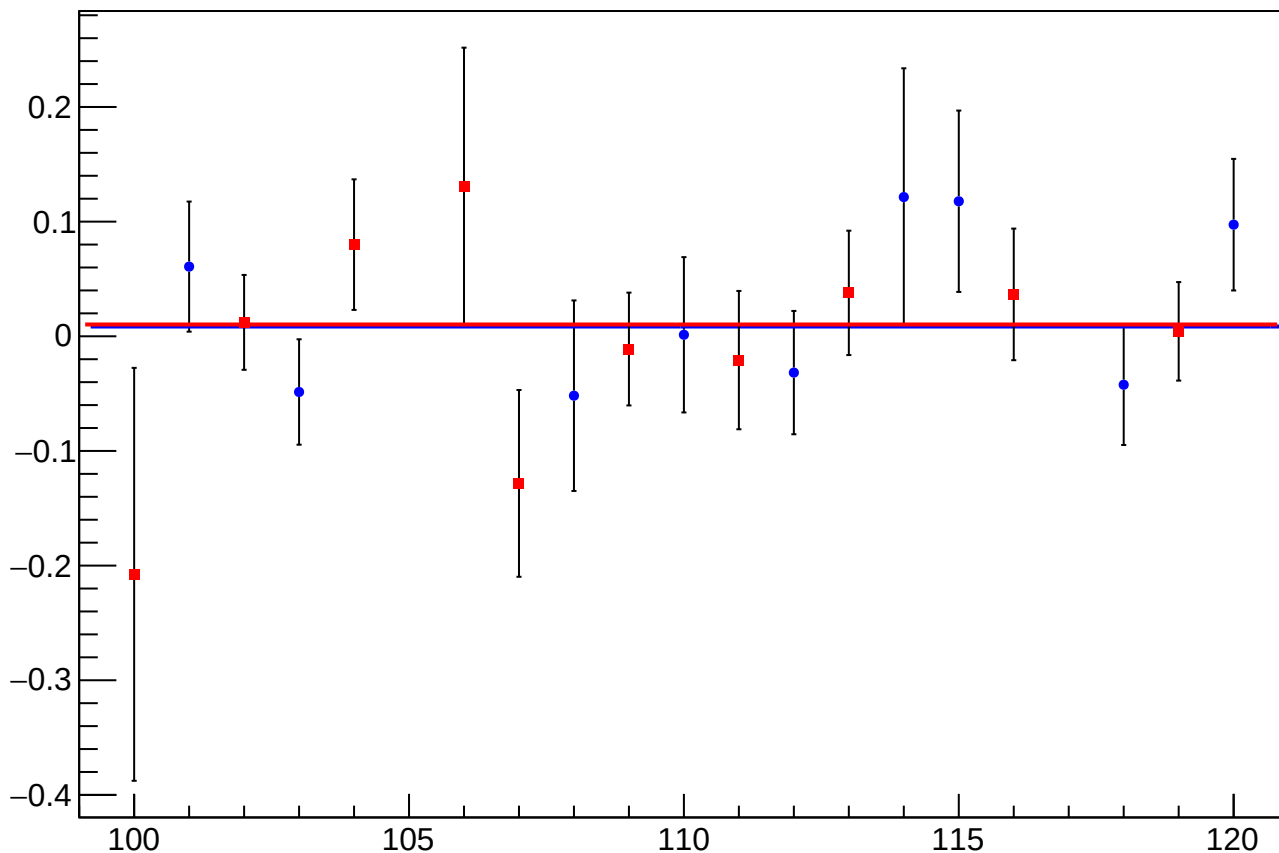
Right: 36.435+/-0.010 χ^2/NDF : 262104.4/18

In: 37.862+/-0.014 χ^2/NDF : 101742.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.435+/-0.010 χ^2/NDF : 262104.4/18

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.020 χ^2 /NDF: 9.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.018 χ^2 /NDF: 7.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

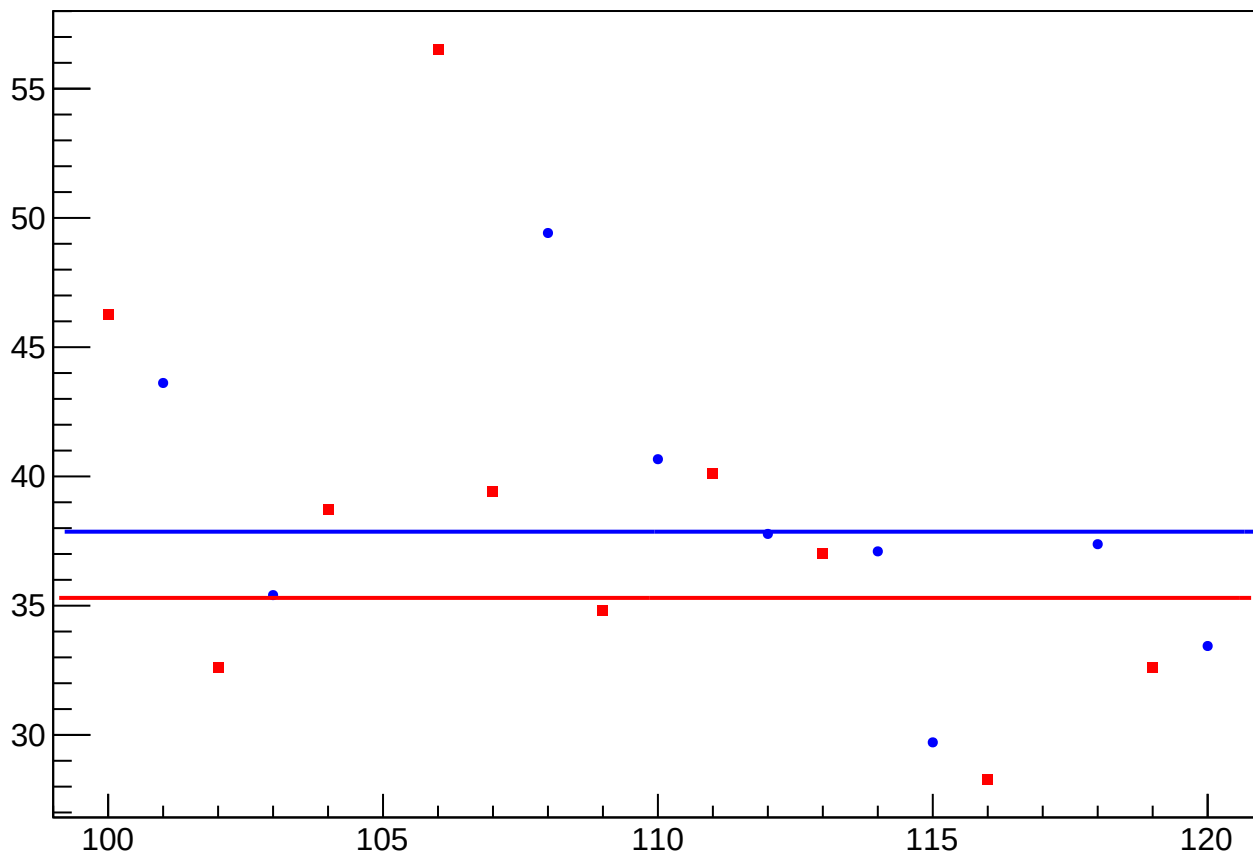
Right: 0.010 $\pm$ 0.014 χ^2 /NDF: 17.5/18

In: 0.009 $\pm$ 0.020 χ^2 /NDF:9.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.010 $\pm$ 0.014 χ^2 /NDF: 17.5/18

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.862 $\pm$ 0.014 χ^2 /NDF: 101742.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 35.301 $\pm$ 0.013 χ^2 /NDF: 142834.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

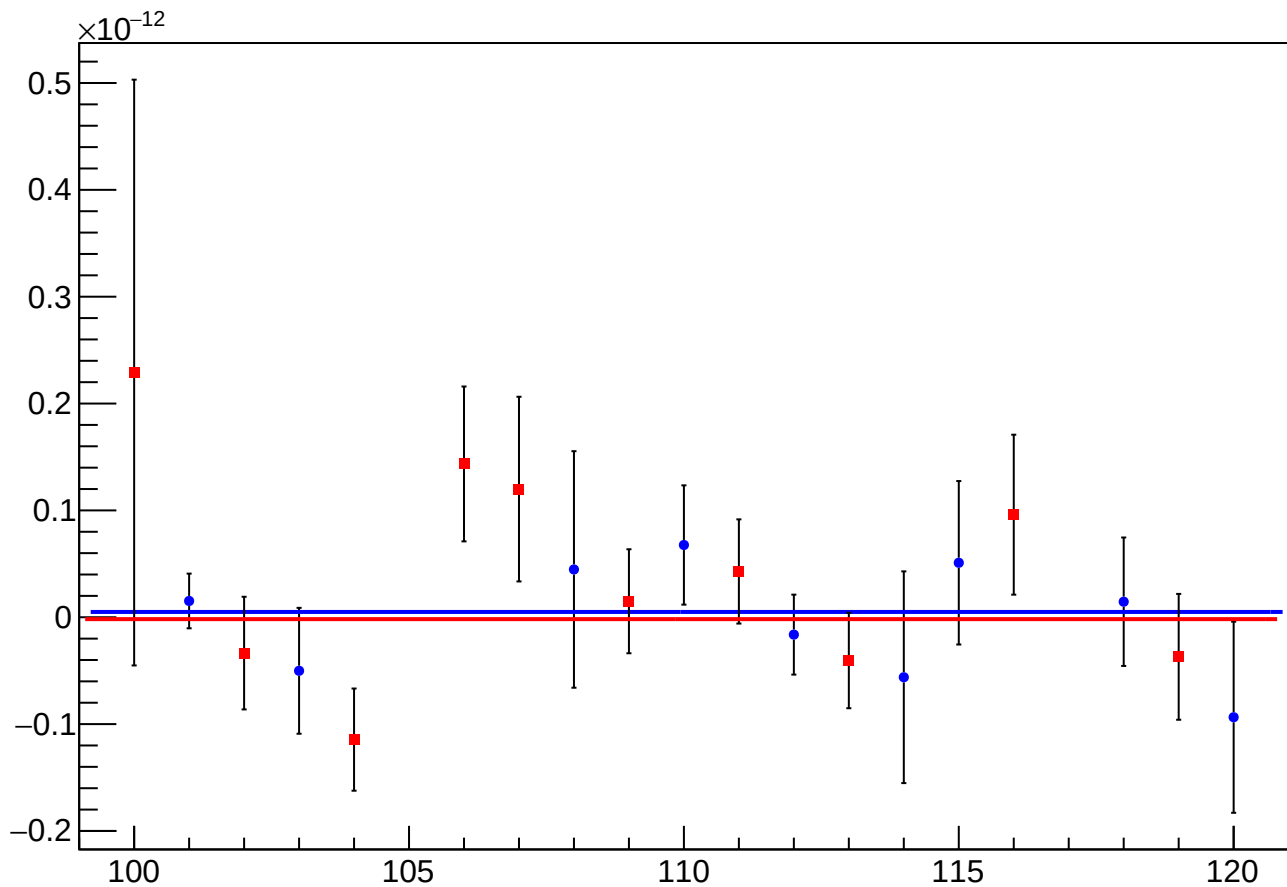
Right: 36.435 $\pm$ 0.010 χ^2 /NDF: 262104.4/18

In: 37.862 $\pm$ 0.014 χ^2 /NDF:101742.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 36.435 $\pm$ 0.010 χ^2 /NDF: 262104.4/18

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

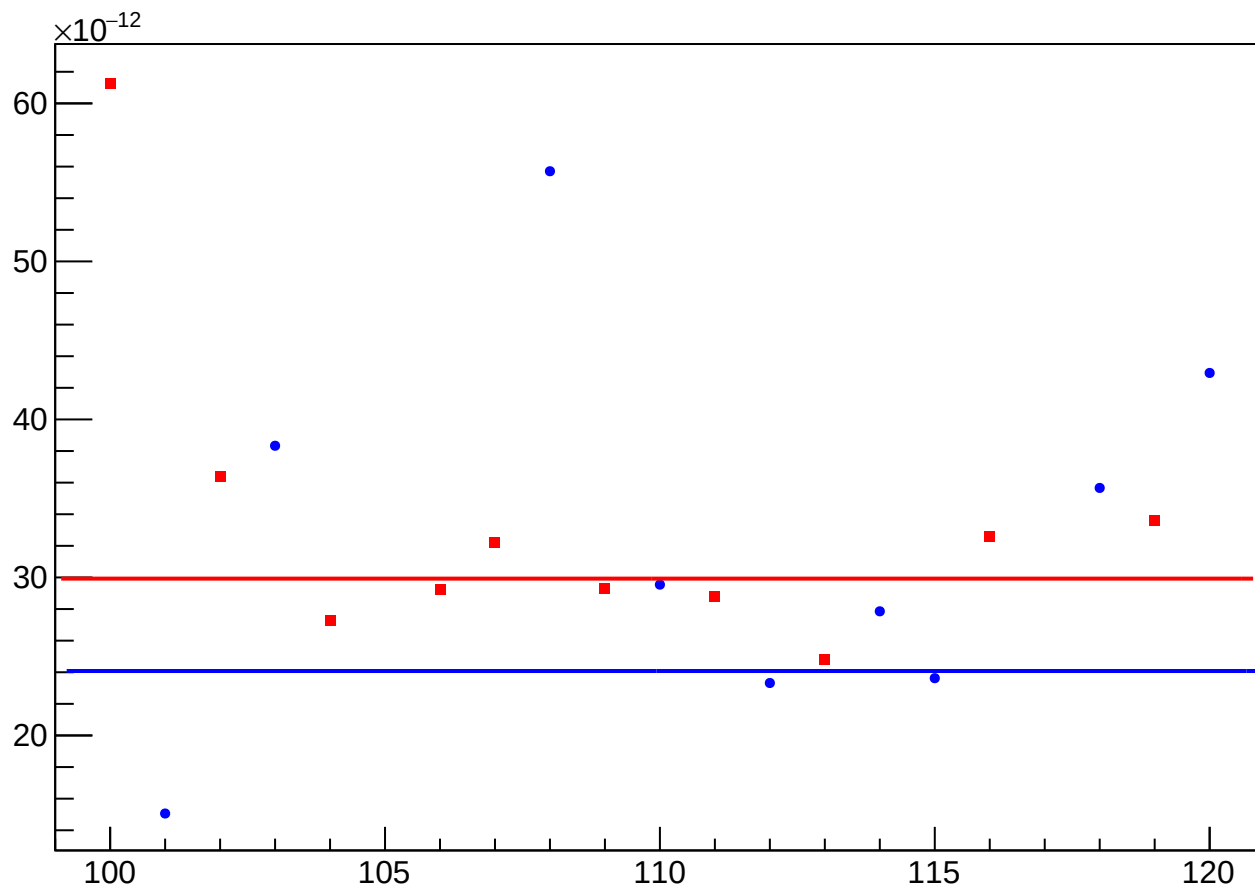
Right: 0.000+/-0.000 χ^2/NDF : 21.2/18

In: 0.000+/-0.000 χ^2/NDF : 4.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.2/18

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 715012.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 101410.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

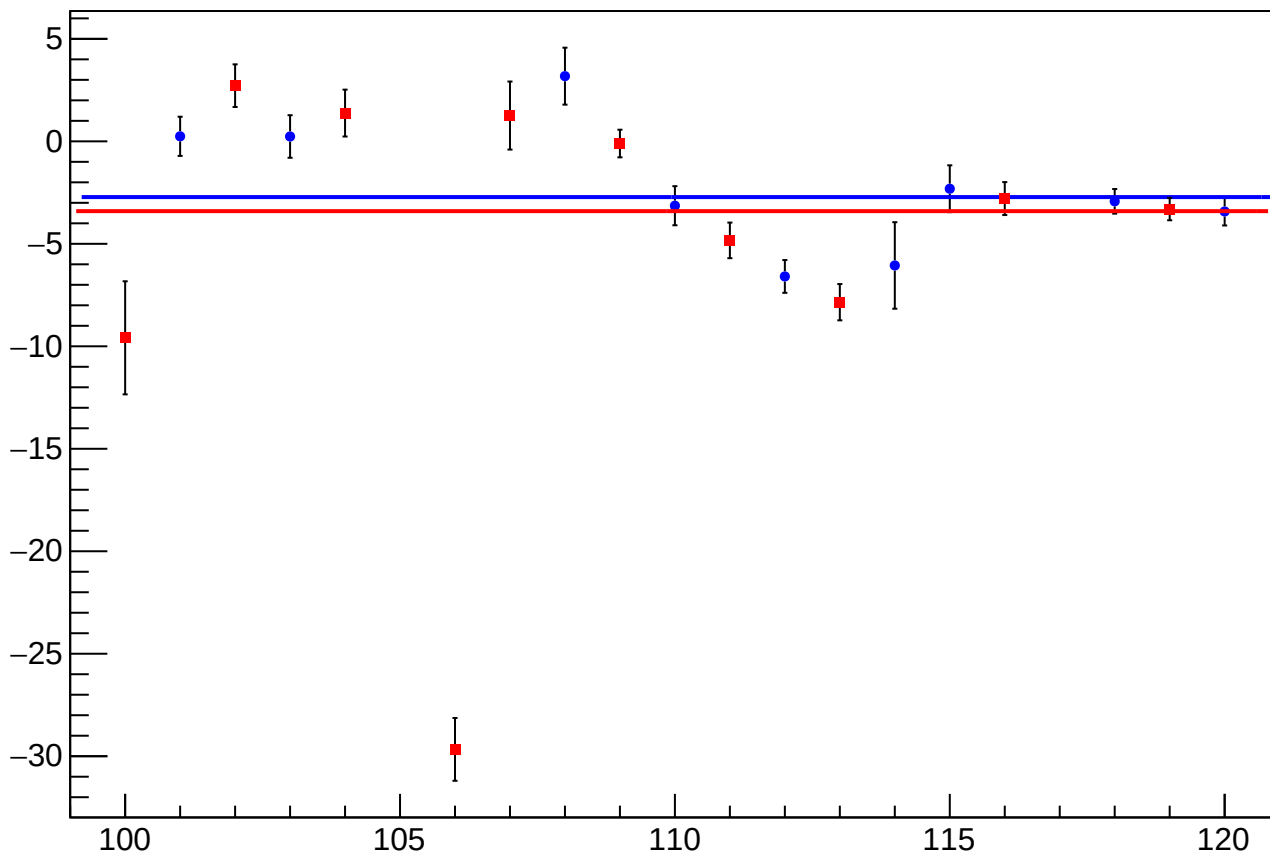
Right: 0.000+/-0.000 χ^2/NDF : 927233.2/18

In: 0.000+/-0.000 χ^2/NDF : 715012.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 927233.2/18

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.719+/-0.300 χ^2/NDF : 63.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.406+/-0.285 χ^2/NDF : 411.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

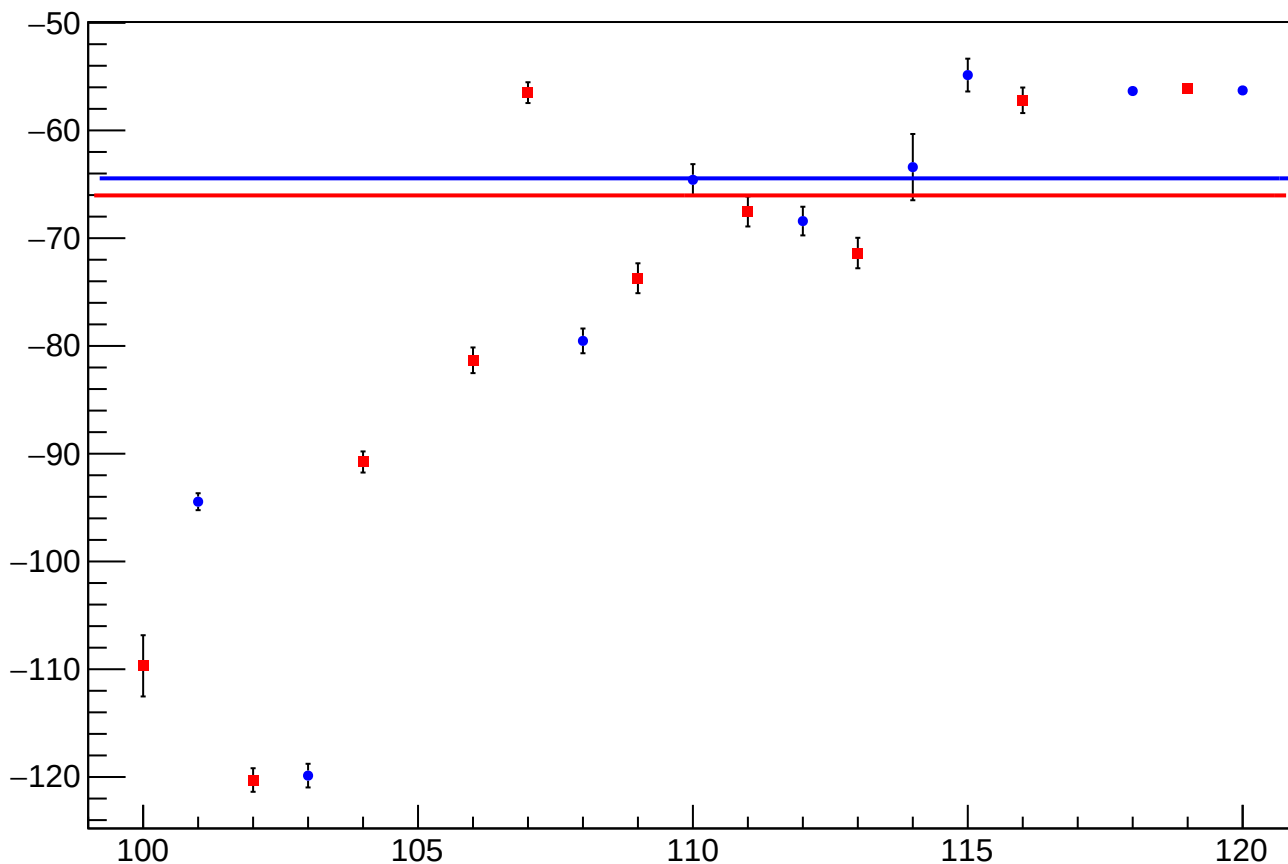
Right: -3.080+/-0.207 χ^2/NDF : 477.1/18

In: -2.719+/-0.300 χ^2/NDF : 63.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.080+/-0.207 χ^2/NDF : 477.1/18

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -64.449 ± 0.238 $\chi^2/\text{NDF}: 5076.3/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -66.032 ± 0.268 $\chi^2/\text{NDF}: 4475.2/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

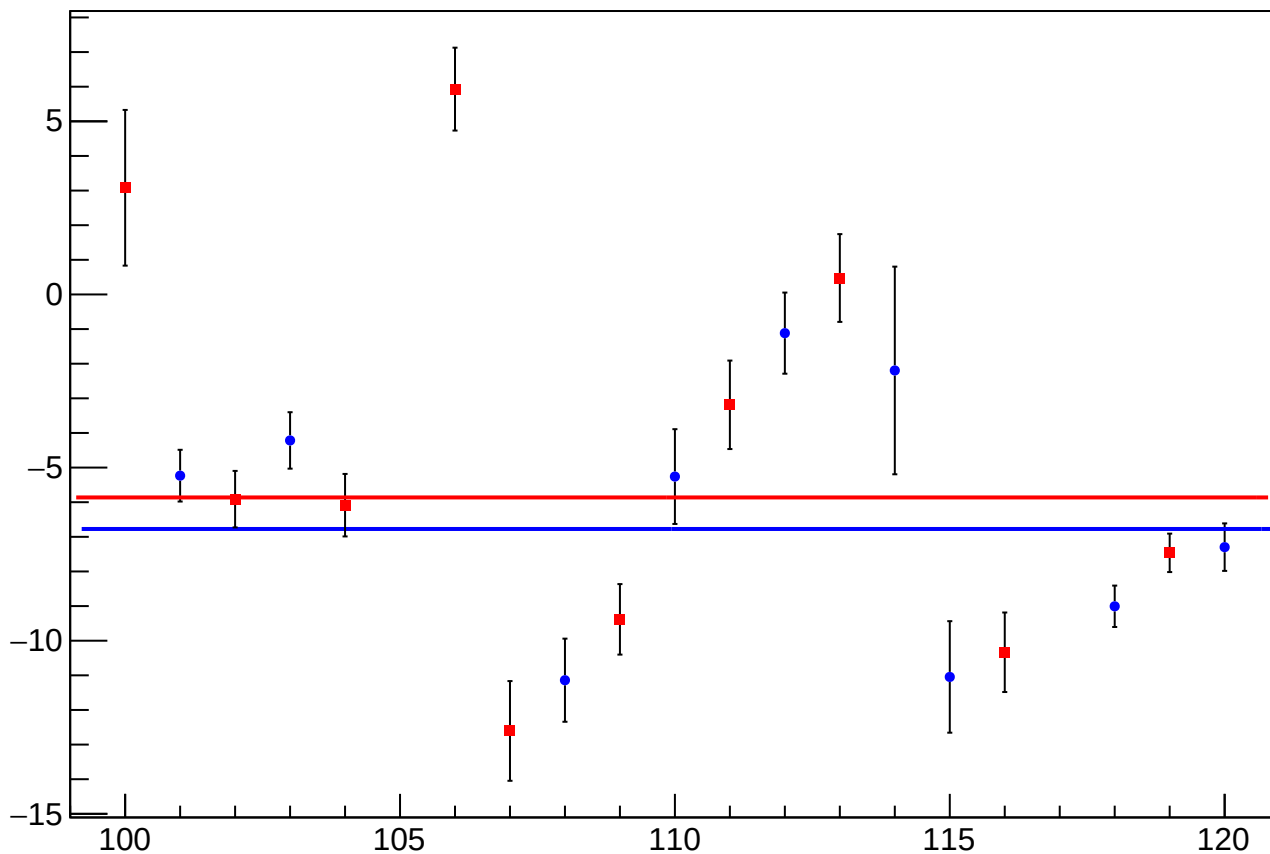
Right: -65.148 ± 0.178 $\chi^2/\text{NDF}: 9571.0/18$

In: -64.449 ± 0.238 $\chi^2/\text{NDF}: 5076.3/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -65.148 ± 0.178 $\chi^2/\text{NDF}: 9571.0/18$

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -6.773 ± 0.306 χ^2/NDF : 75.8/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -5.862 ± 0.311 χ^2/NDF : 199.7/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

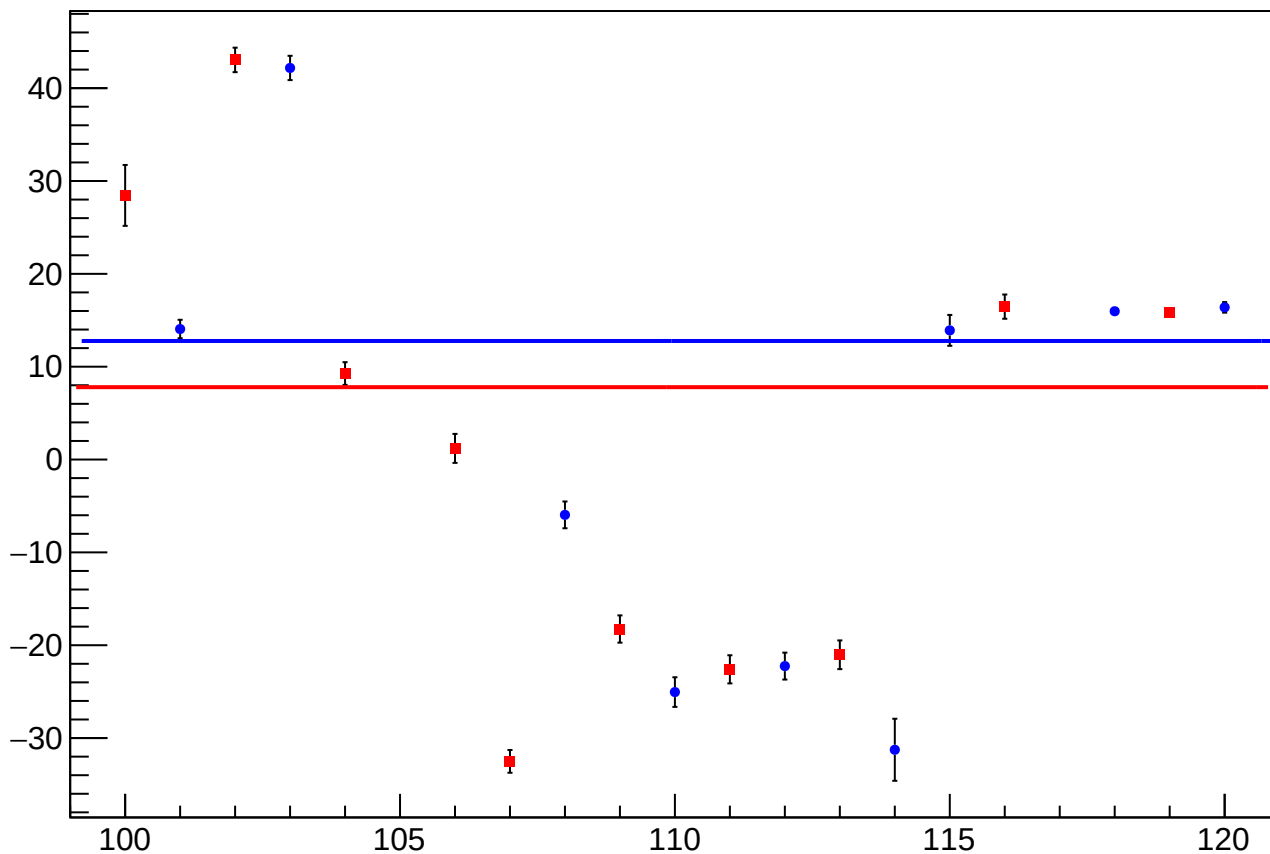
Right: -6.326 ± 0.218 χ^2/NDF : 279.8/18

In: -6.773 ± 0.306 χ^2/NDF : 75.8/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.326 ± 0.218 χ^2/NDF : 279.8/18

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 12.770 $\pm$ 0.302 χ^2 /NDF: 2080.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7.794 $\pm$ 0.331 χ^2 /NDF: 3273.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

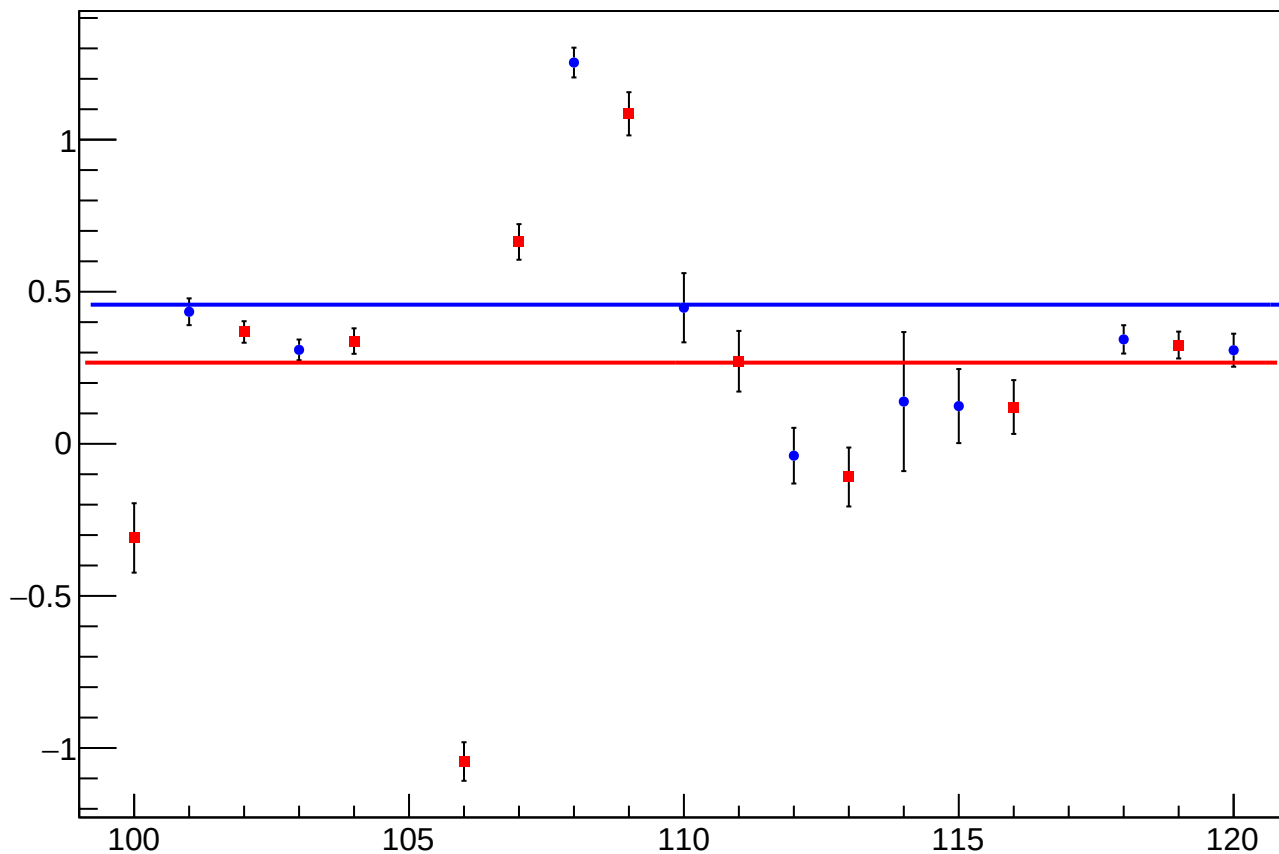
Right: 10.511 $\pm$ 0.223 χ^2 /NDF: 5477.8/18

In: 12.770 $\pm$ 0.302 χ^2 /NDF: 2080.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.511 $\pm$ 0.223 χ^2 /NDF: 5477.8/18

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.457+/-0.019 χ^2/NDF : 336.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.267+/-0.018 χ^2/NDF : 662.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

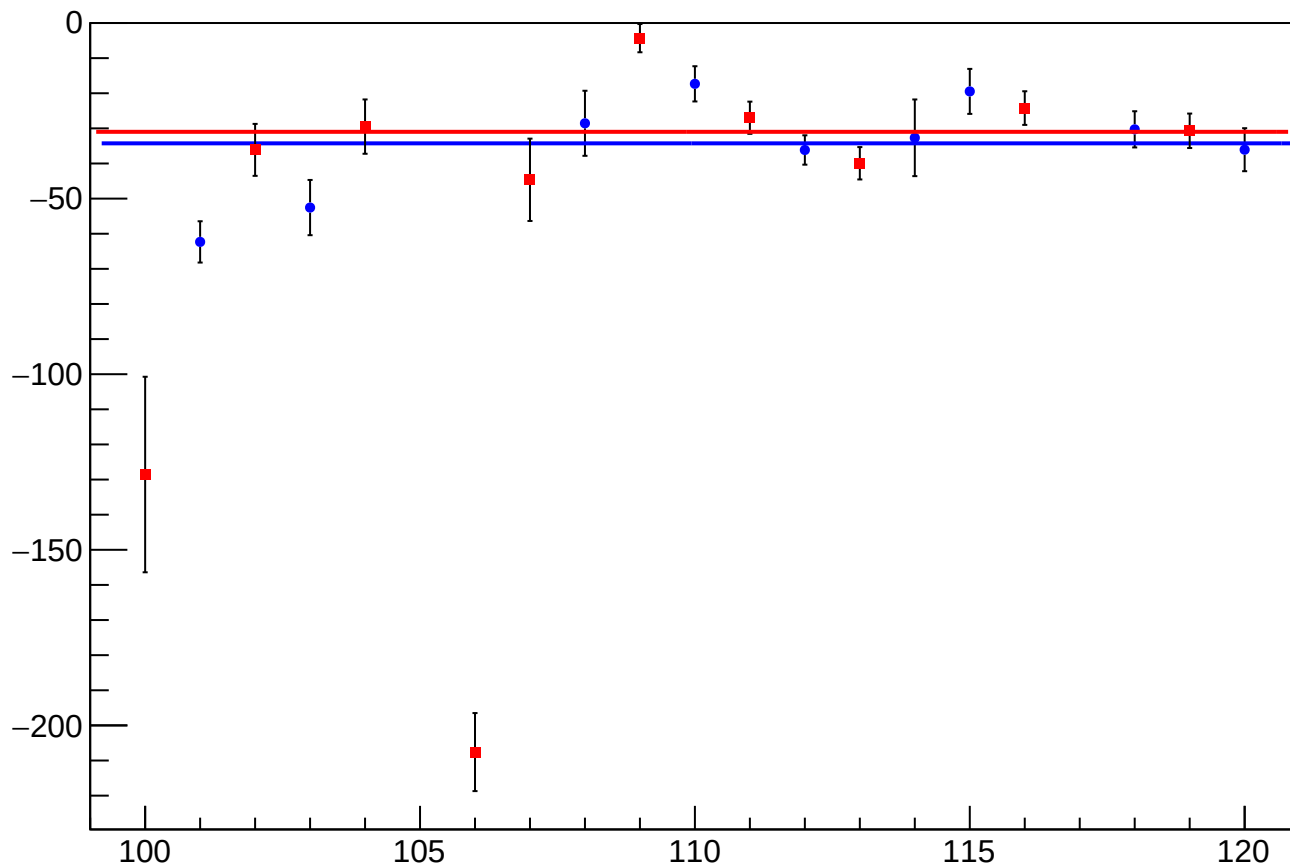
Right: 0.360+/-0.013 χ^2/NDF : 1052.9/18

In: 0.457+/-0.019 χ^2/NDF : 336.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.360+/-0.013 χ^2/NDF : 1052.9/18

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -34.263+/-1.997 χ^2/NDF : 46.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -30.980+/-1.846 χ^2/NDF : 317.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

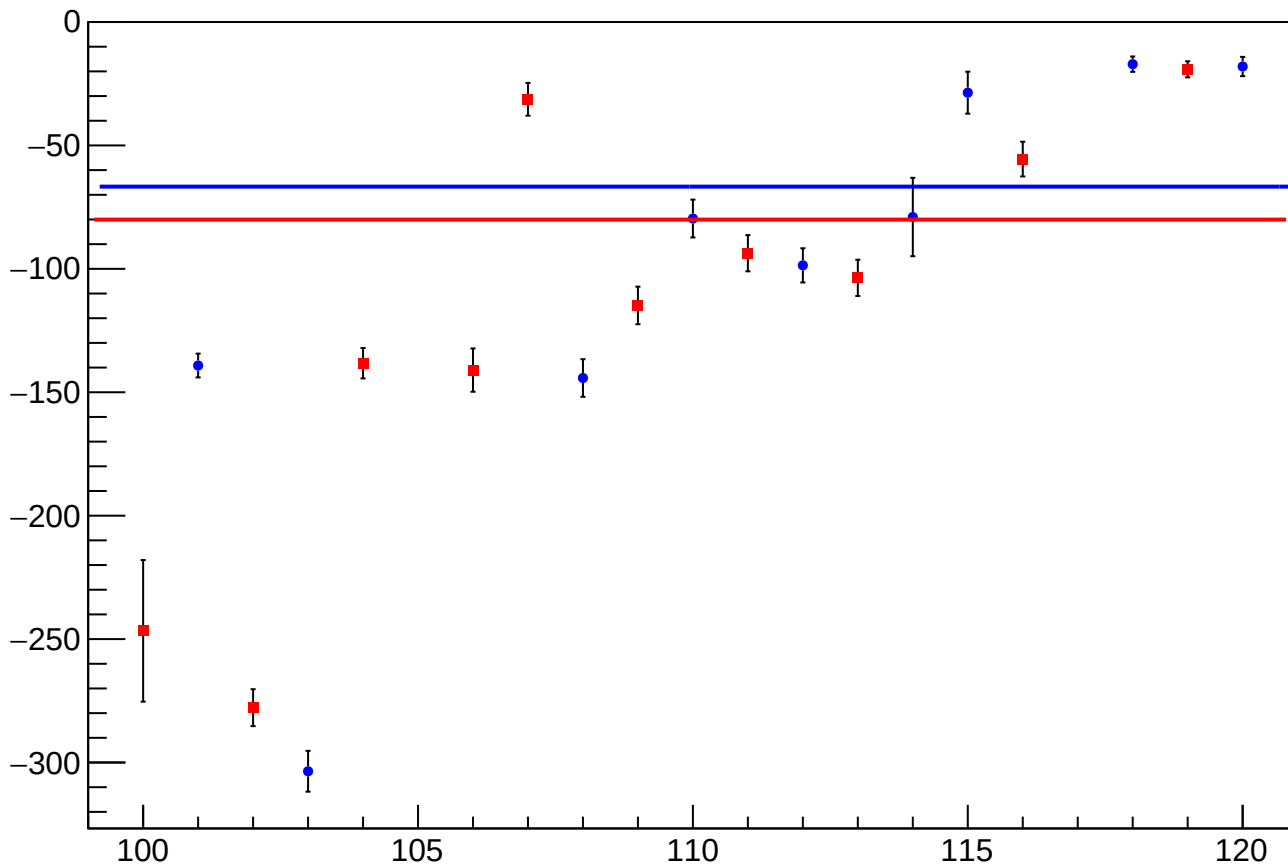
Right: -32.494+/-1.356 χ^2/NDF : 365.0/18

In: -34.263+/-1.997 χ^2/NDF : 46.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.494+/-1.356 χ^2/NDF : 365.0/18

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -66.691+/-1.826 χ^2/NDF : 1604.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -80.048+/-2.000 χ^2/NDF : 1319.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

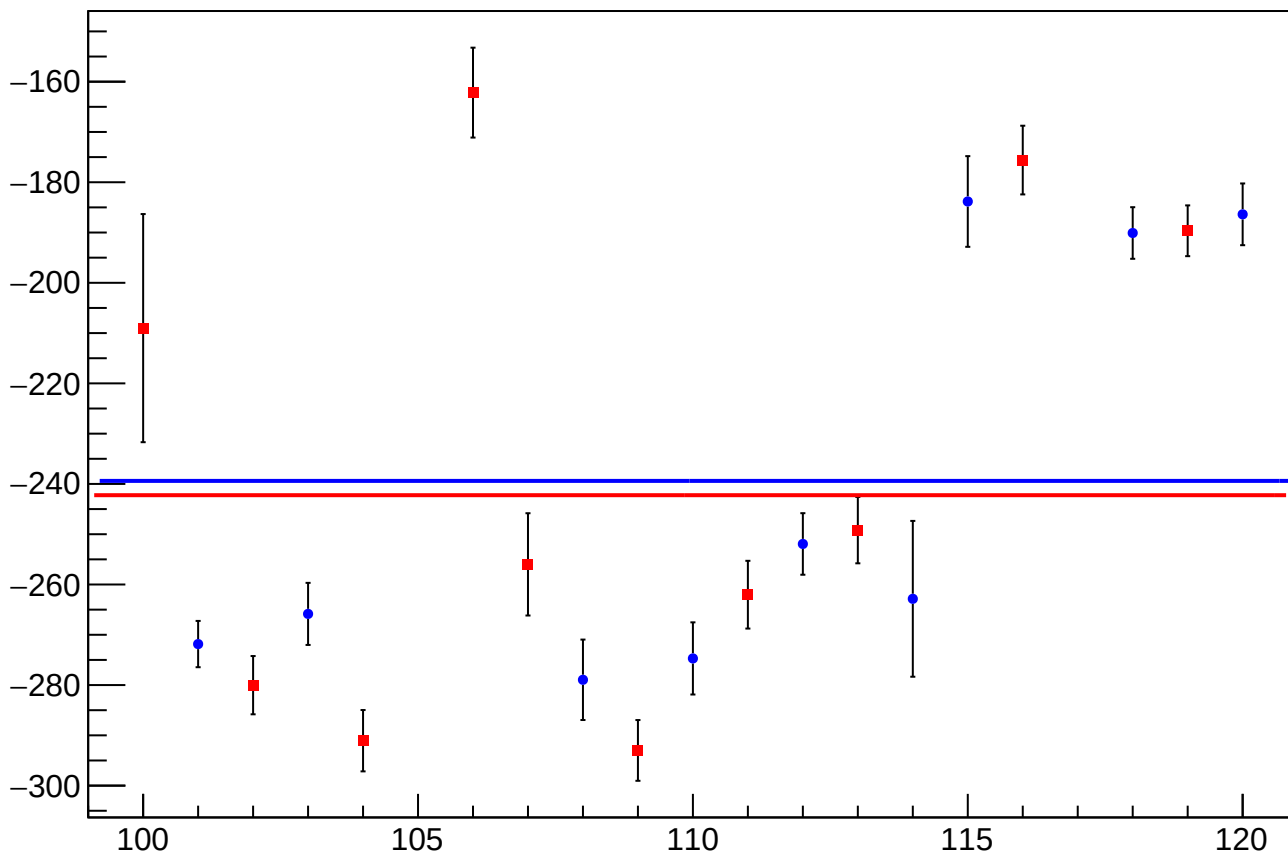
Right: -72.766+/-1.349 χ^2/NDF : 2948.5/18

In: -66.691+/-1.826 χ^2/NDF : 1604.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -72.766+/-1.349 χ^2/NDF : 2948.5/18

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -239.396+/-2.151 χ^2 /NDF: 328.1/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -242.239+/-2.163 χ^2 /NDF: 474.7/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

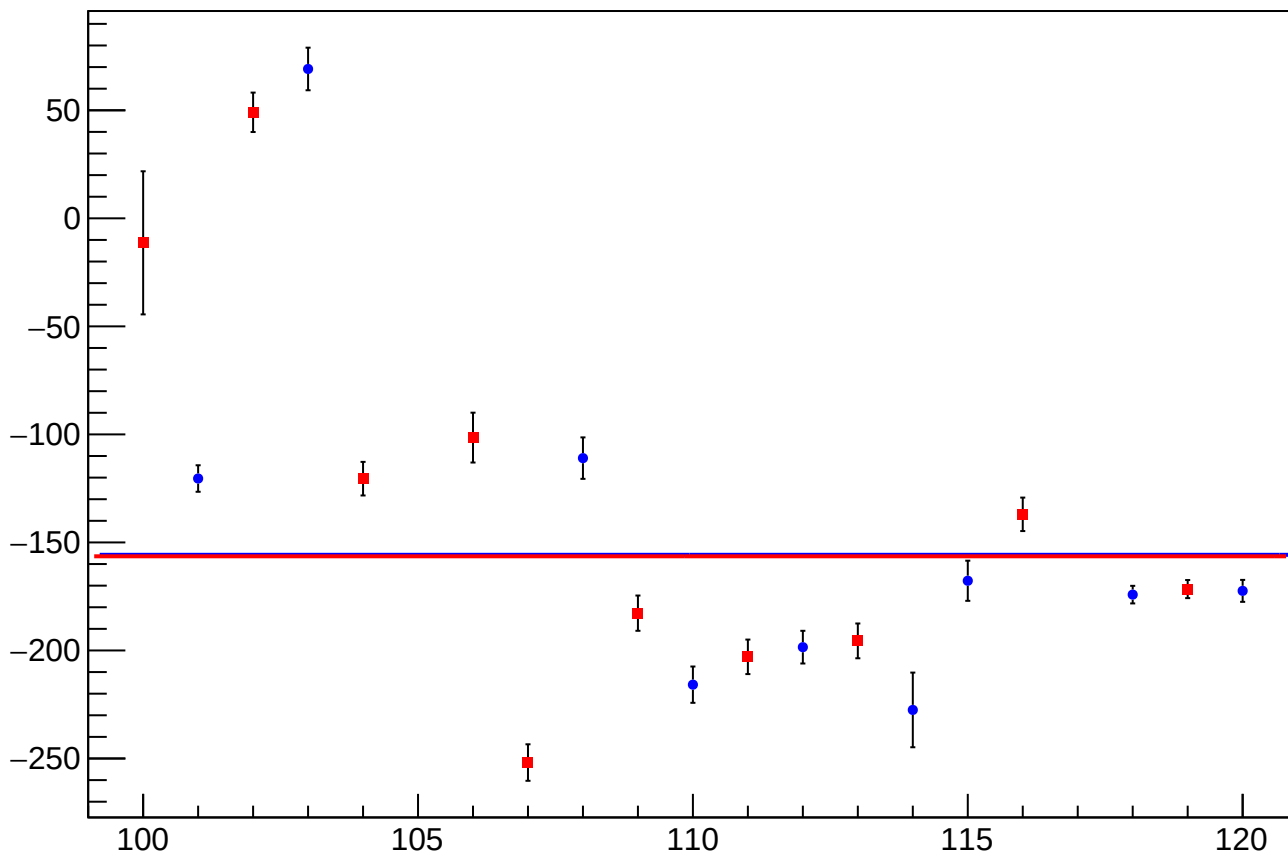
Right: -240.810+/-1.525 χ^2 /NDF: 803.7/18

In: -239.396+/-2.151 χ^2 /NDF:328.1/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -240.810+/-1.525 χ^2 /NDF: 803.7/18

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -155.729+/-2.273 χ^2 /NDF: 708.6/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -156.422+/-2.418 χ^2 /NDF: 785.9/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

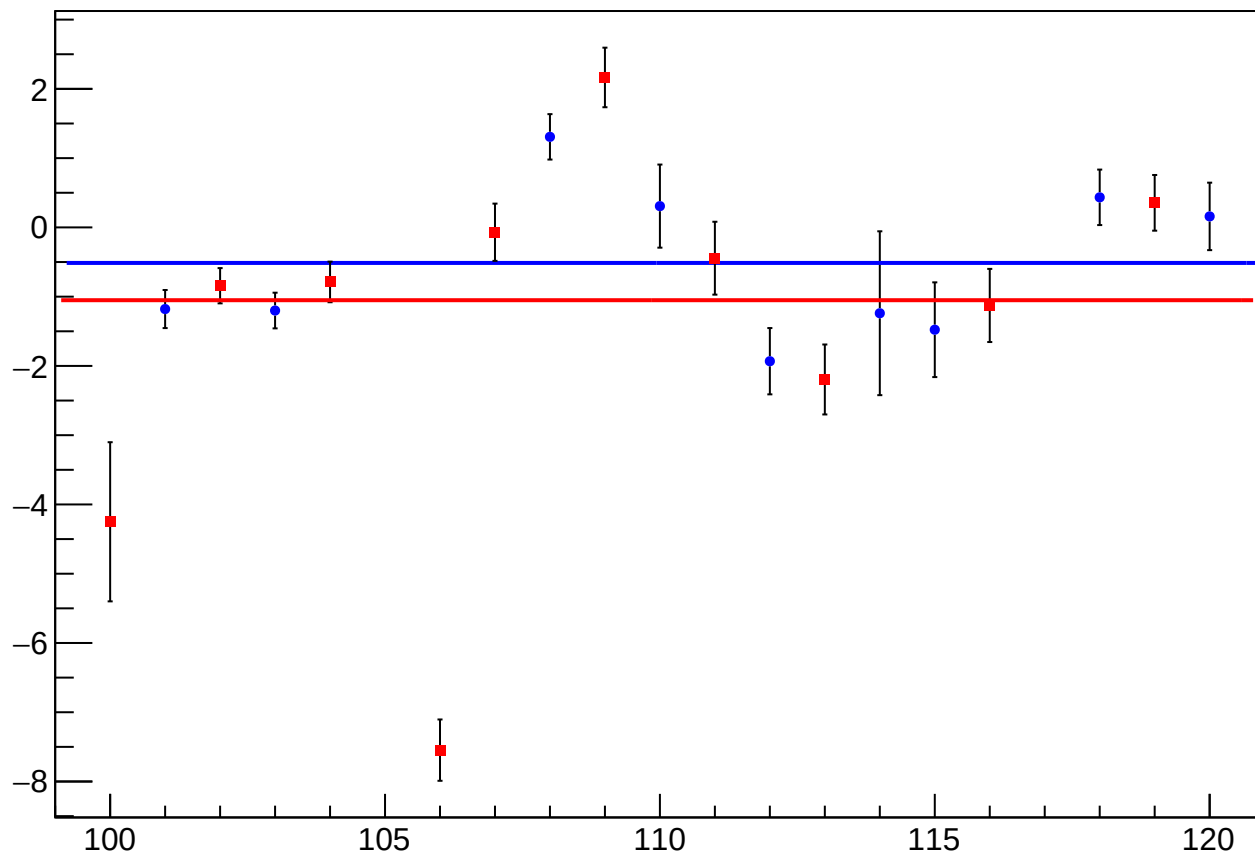
Right: -156.054+/-1.656 χ^2 /NDF: 1494.6/18

In: -155.729+/-2.273 χ^2 /NDF:708.6/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -156.054+/-1.656 χ^2 /NDF: 1494.6/18

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.513 ± 0.131 χ^2/NDF : 64.3/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.051 ± 0.128 χ^2/NDF : 304.8/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

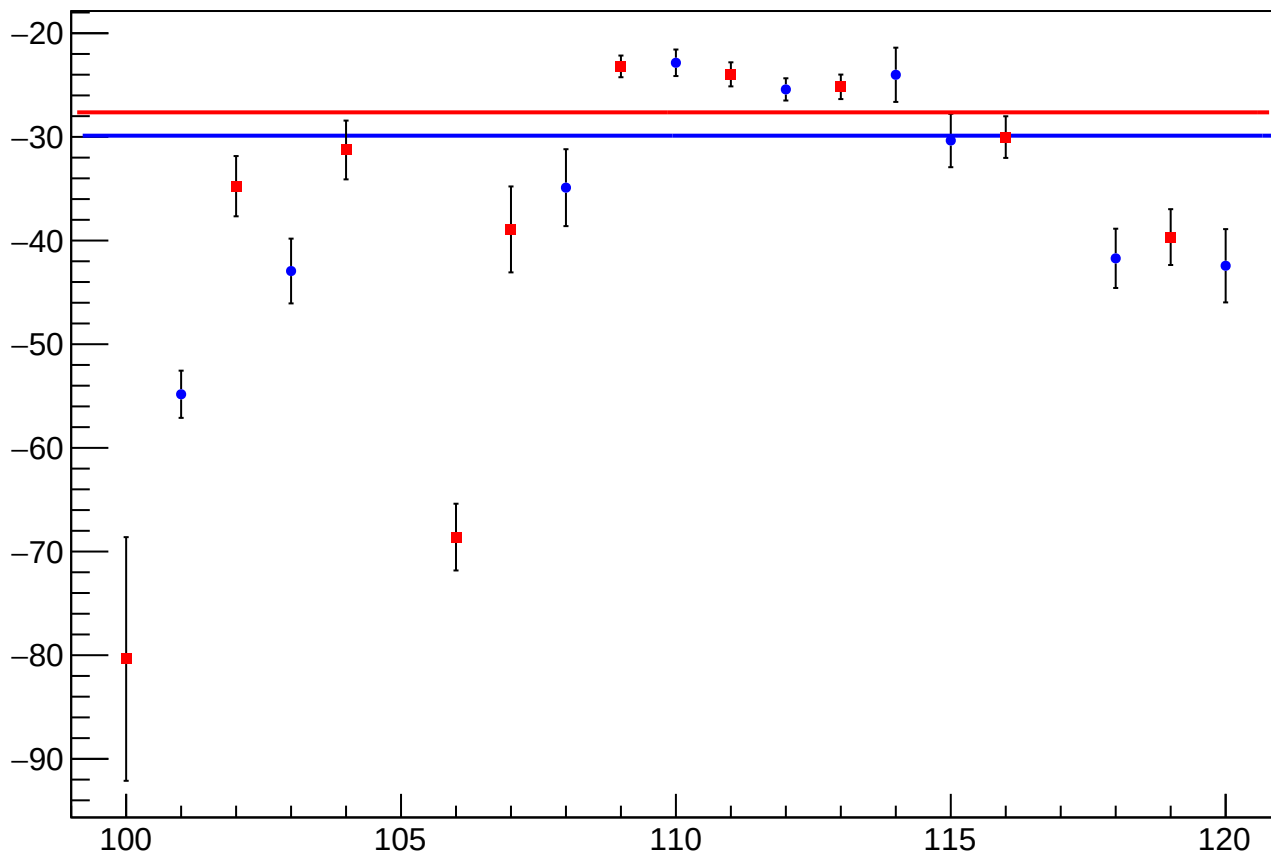
Right: -0.790 ± 0.091 χ^2/NDF : 377.8/18

In: -0.513 ± 0.131 χ^2/NDF : 64.3/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.790 ± 0.091 χ^2/NDF : 377.8/18

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -29.883 ± 0.653 χ^2/NDF : 221.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -27.633 ± 0.562 χ^2/NDF : 250.9/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

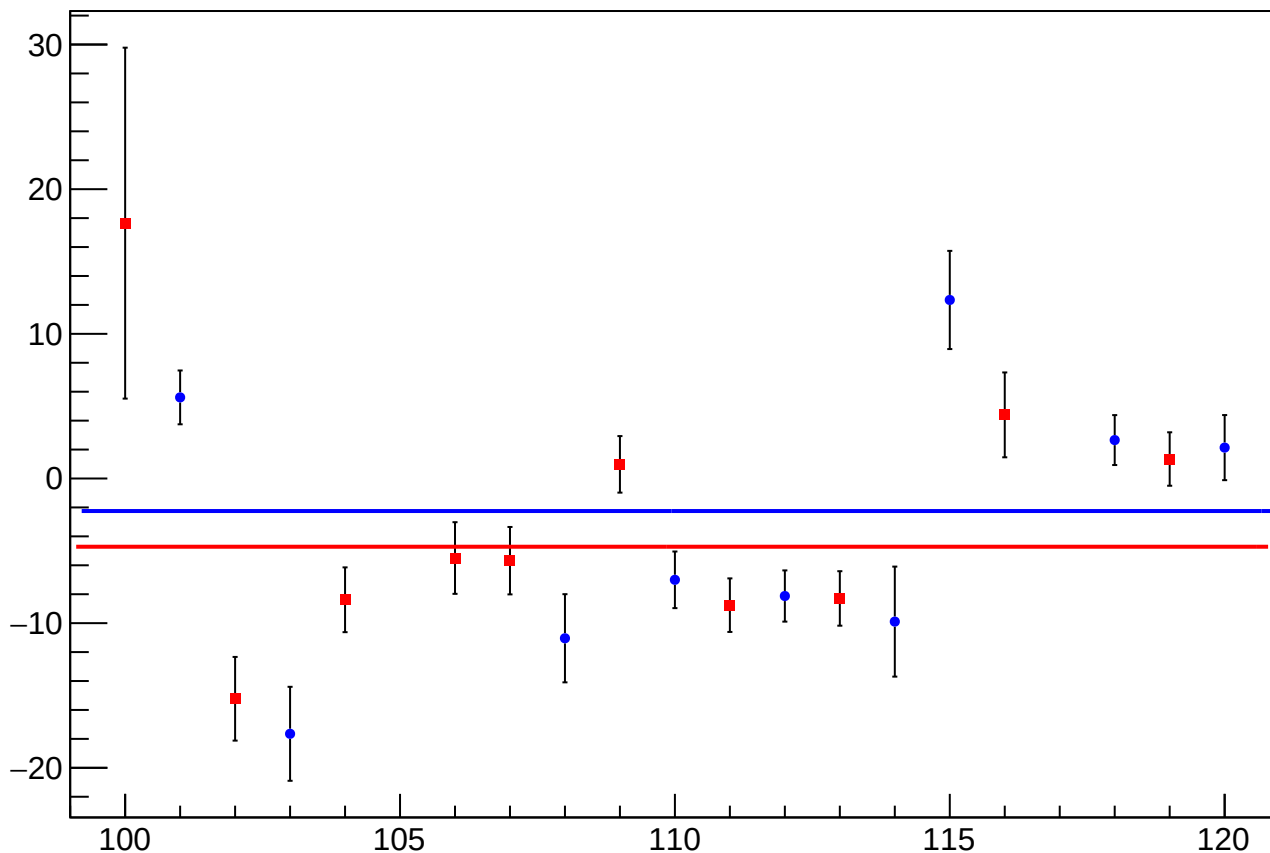
Right: -28.591 ± 0.426 χ^2/NDF : 479.3/18

In: -29.883 ± 0.653 χ^2/NDF : 221.6/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -28.591 ± 0.426 χ^2/NDF : 479.3/18

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.249+/-0.754 χ^2/NDF : 100.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.717+/-0.722 χ^2/NDF : 56.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

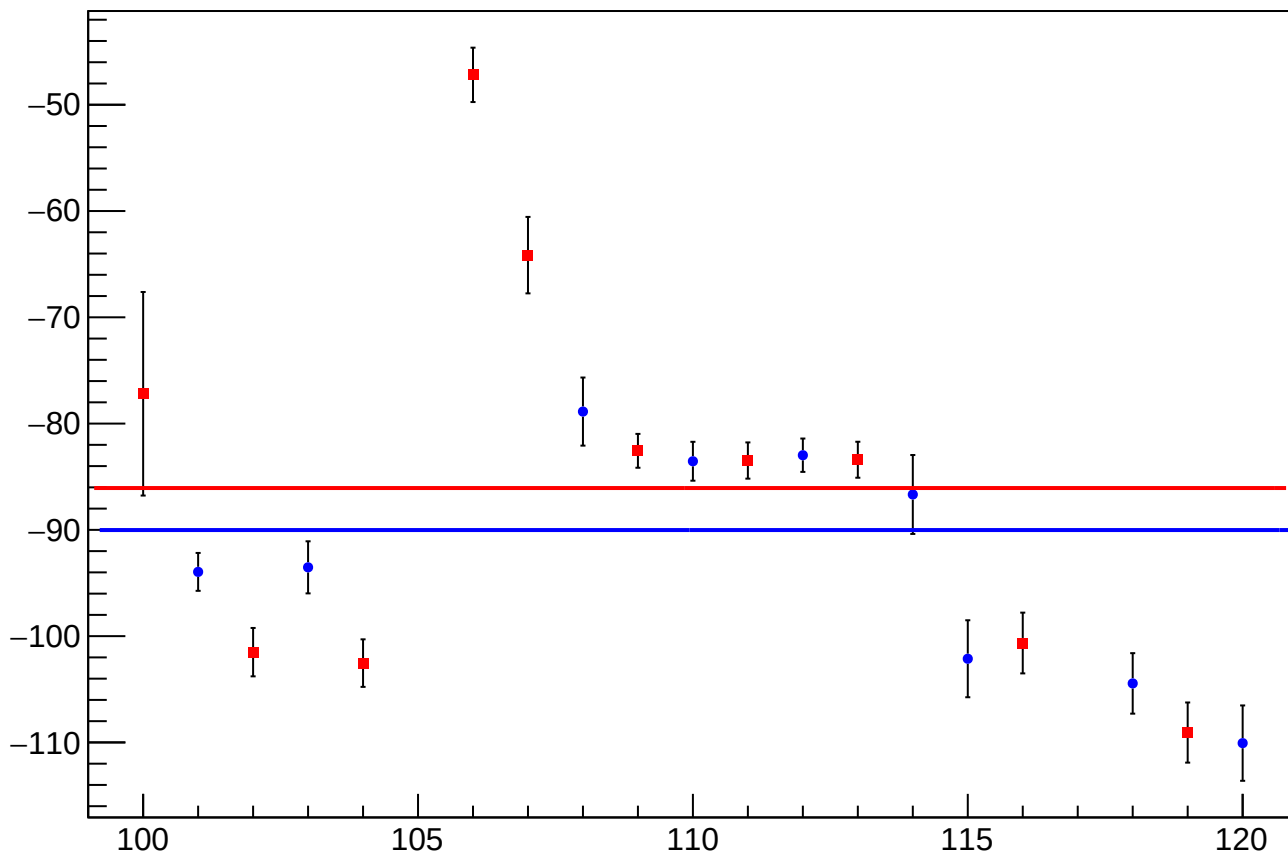
Right: -3.536+/-0.521 χ^2/NDF : 162.4/18

In: -2.249+/-0.754 χ^2/NDF : 100.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.536+/-0.521 χ^2/NDF : 162.4/18

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -90.017 $\pm$ 0.782 χ^2 /NDF: 121.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -86.064 $\pm$ 0.713 χ^2 /NDF: 471.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

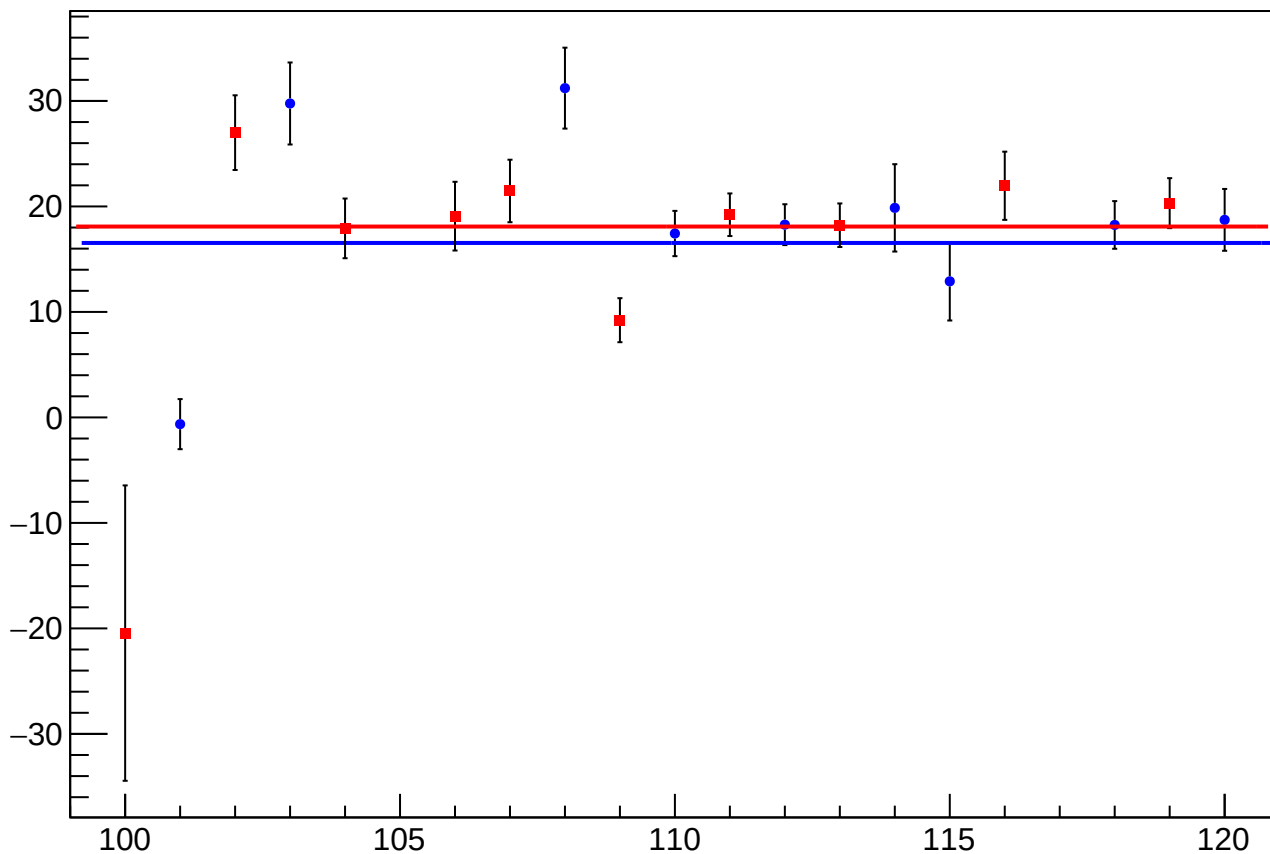
Right: -87.858 $\pm$ 0.527 χ^2 /NDF: 606.3/18

In: -90.017 $\pm$ 0.782 χ^2 /NDF:121.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -87.858 $\pm$ 0.527 χ^2 /NDF: 606.3/18

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.539+/-0.899 χ^2/NDF : 82.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.094+/-0.845 χ^2/NDF : 36.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

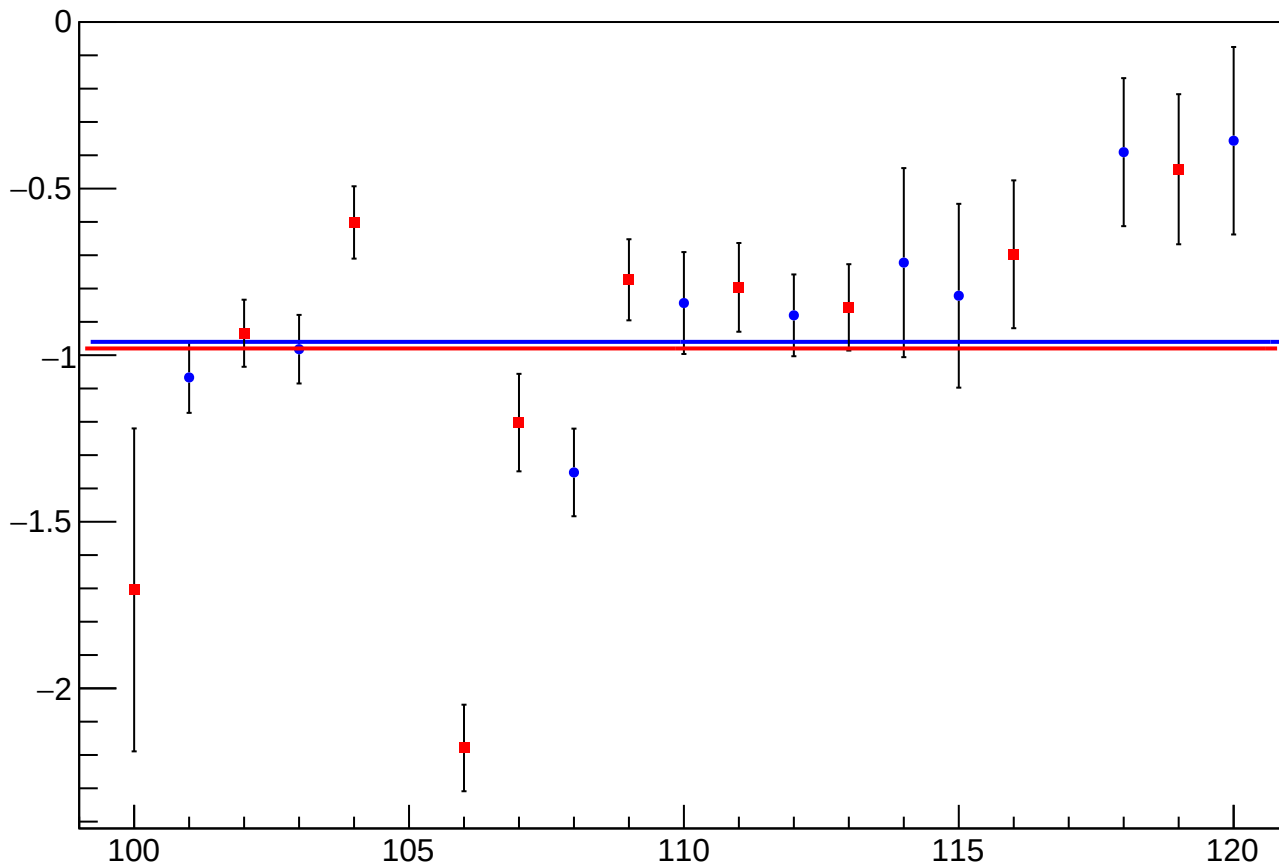
Right: 17.365+/-0.615 χ^2/NDF : 119.8/18

In: 16.539+/-0.899 χ^2/NDF : 82.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.365+/-0.615 χ^2/NDF : 119.8/18

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.960 $\pm$ 0.049 χ^2 /NDF: 23.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.980 $\pm$ 0.044 χ^2 /NDF: 115.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

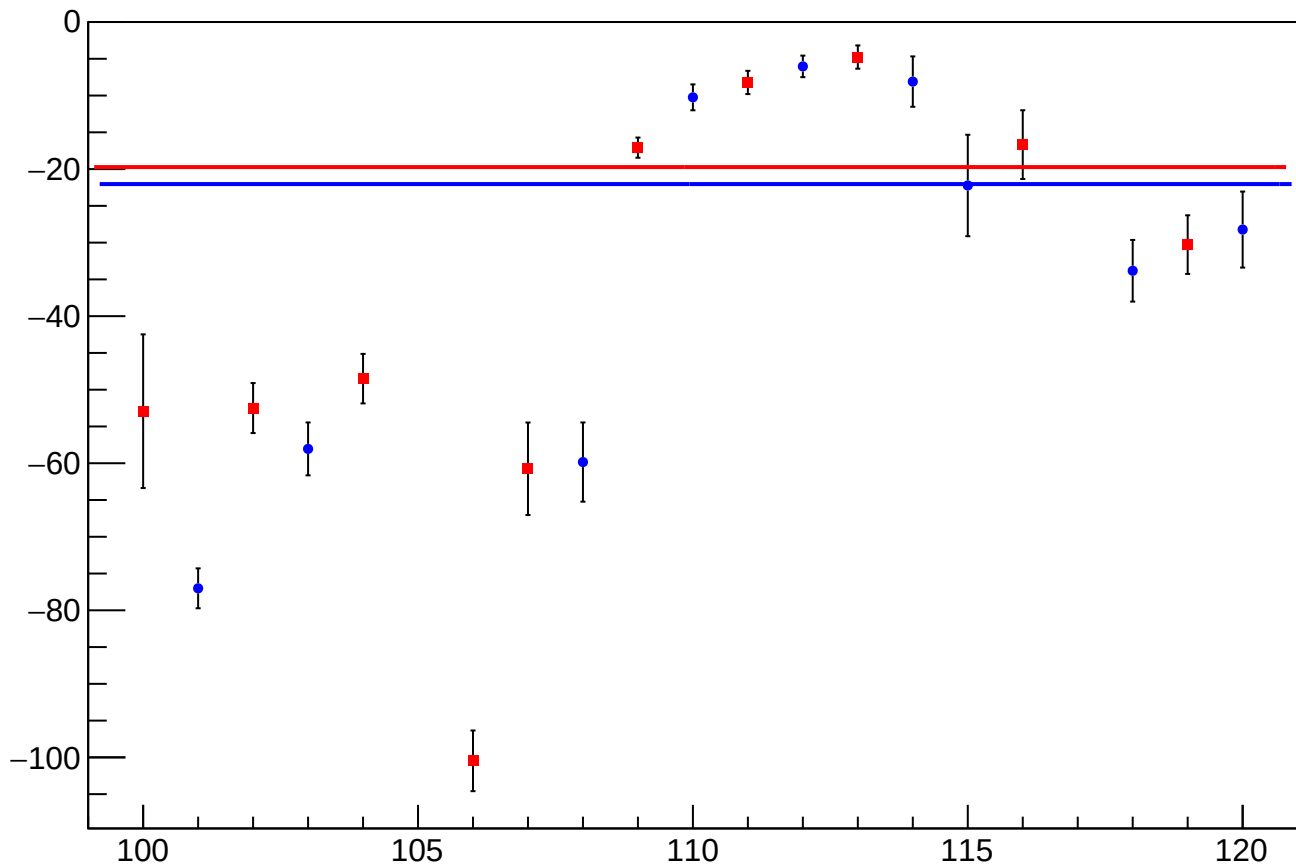
Right: -0.971 $\pm$ 0.033 χ^2 /NDF: 138.3/18

In: -0.960 $\pm$ 0.049 χ^2 /NDF:23.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.971 $\pm$ 0.033 χ^2 /NDF: 138.3/18

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -22.038+/-0.899 χ^2/NDF : 750.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -19.726+/-0.765 χ^2/NDF : 755.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

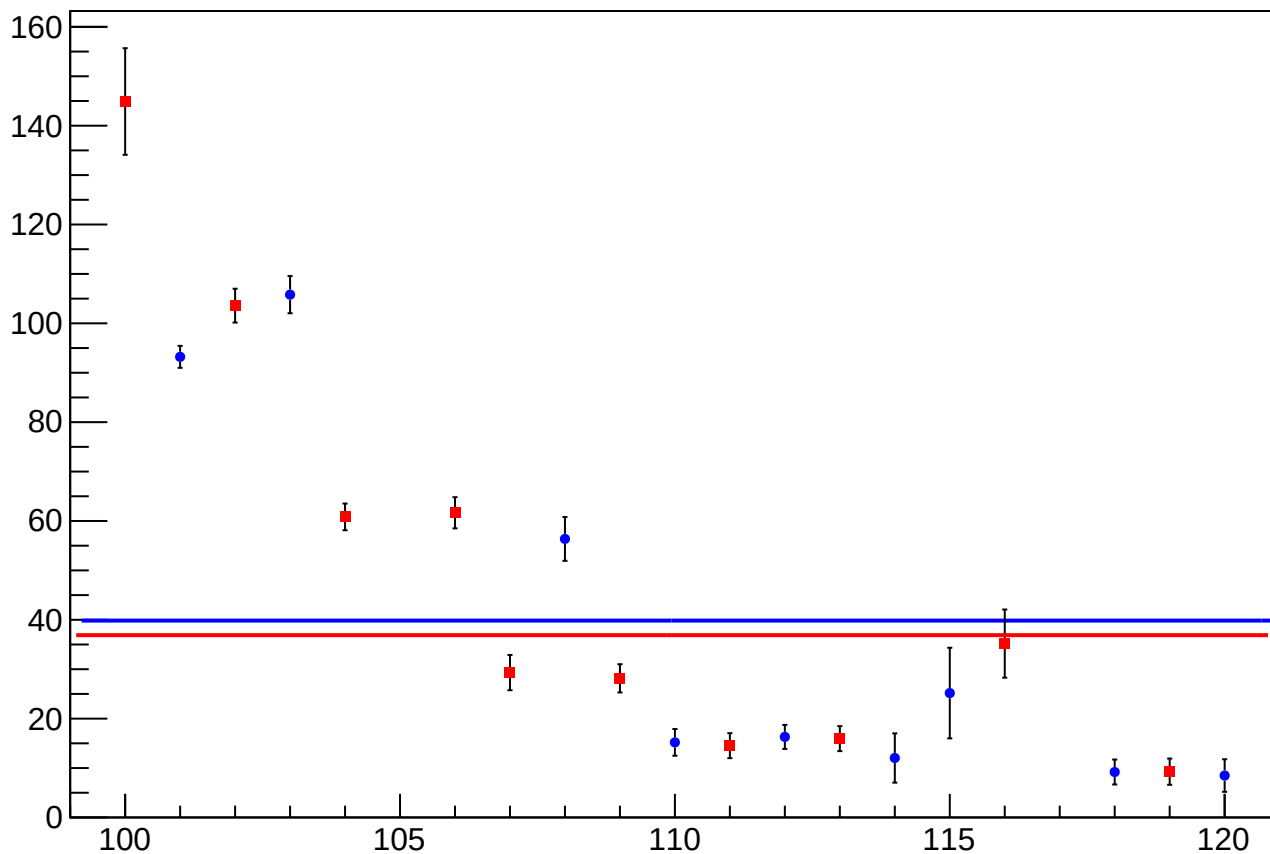
Right: -20.697+/-0.583 χ^2/NDF : 1509.0/18

In: -22.038+/-0.899 χ^2/NDF : 750.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.697+/-0.583 χ^2/NDF : 1509.0/18

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 39.841+/-1.036 χ^2/NDF : 1347.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.893+/-0.996 χ^2/NDF : 889.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

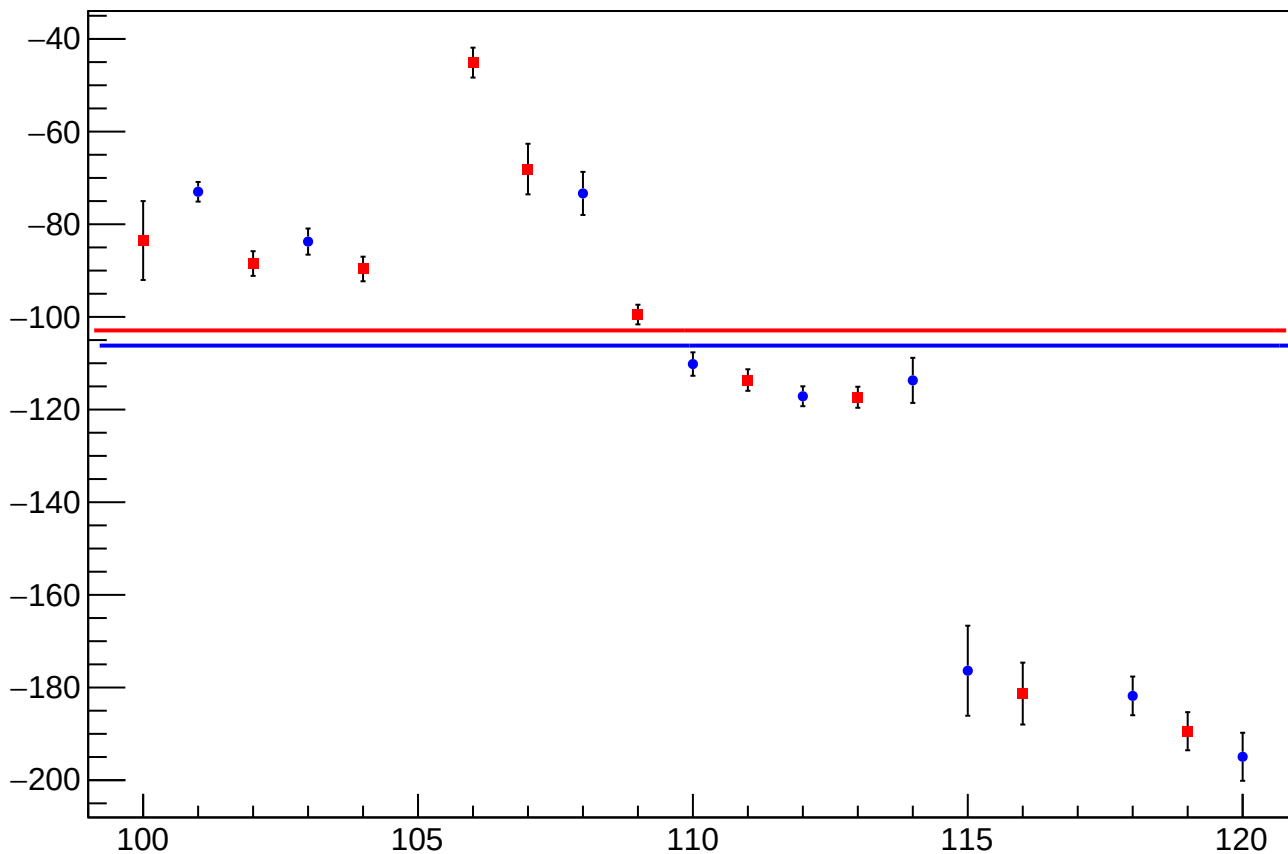
Right: 38.309+/-0.718 χ^2/NDF : 2240.5/18

In: 39.841+/-1.036 χ^2/NDF : 1347.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.309+/-0.718 χ^2/NDF : 2240.5/18

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -106.195+/-1.045 χ^2/NDF : 1062.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -102.917+/-0.949 χ^2/NDF : 1065.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

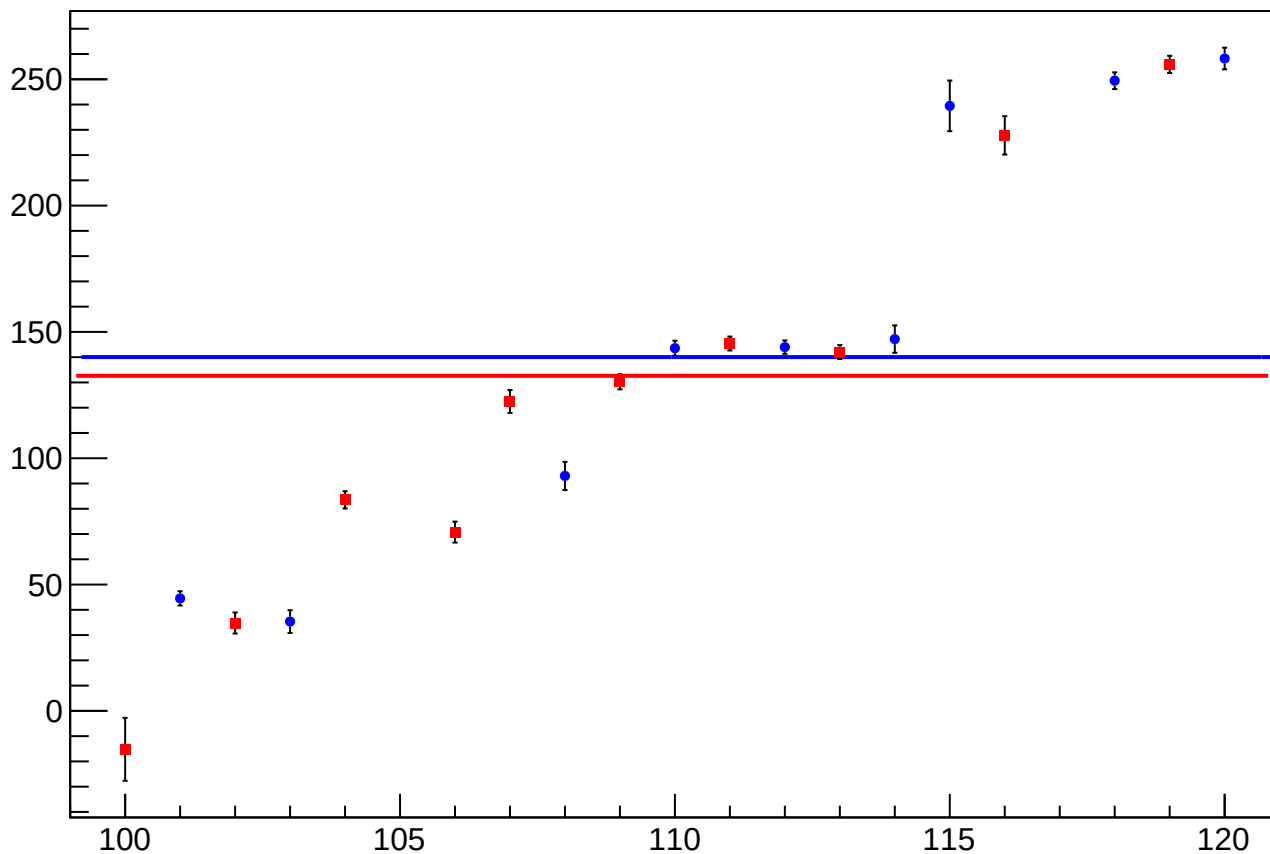
Right: -104.399+/-0.703 χ^2/NDF : 2132.5/18

In: -106.195+/-1.045 χ^2/NDF : 1062.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -104.399+/-0.703 χ^2/NDF : 2132.5/18

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 140.042+/-1.238 χ^2/NDF : 3711.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 132.634+/-1.167 χ^2/NDF : 2622.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

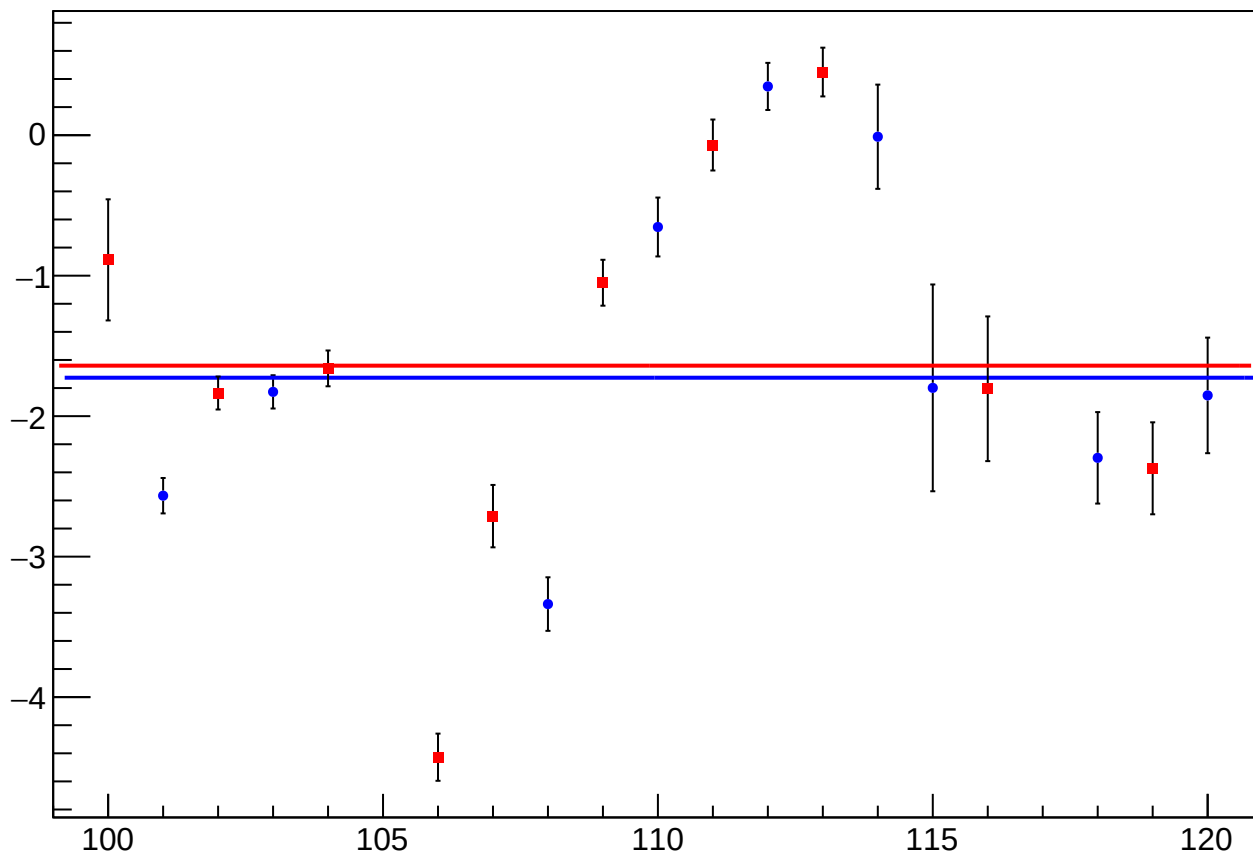
Right: 136.119+/-0.849 χ^2/NDF : 6353.0/18

In: 140.042+/-1.238 χ^2/NDF : 3711.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.119+/-0.849 χ^2/NDF : 6353.0/18

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.726+/-0.064 χ^2/NDF : 320.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.641+/-0.057 χ^2/NDF : 542.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

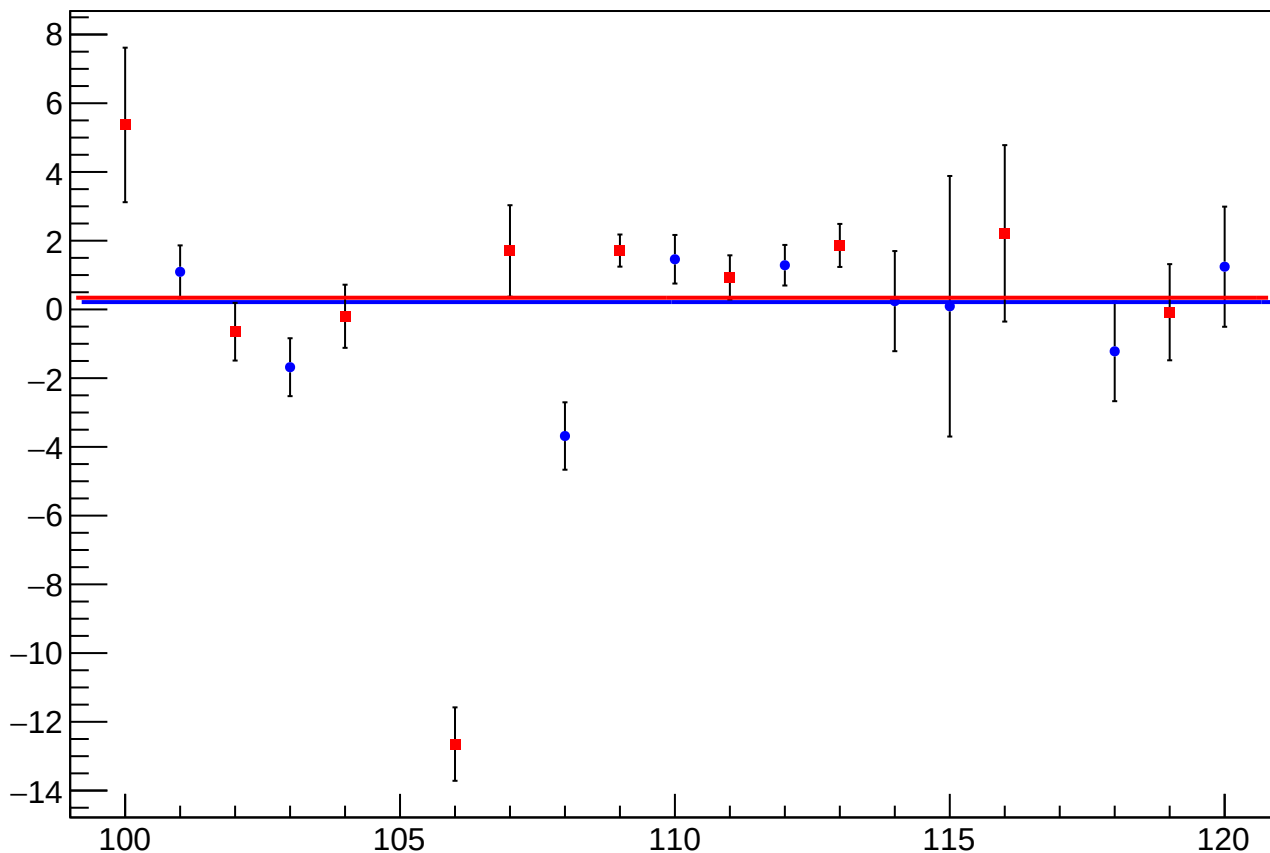
Right: -1.678+/-0.042 χ^2/NDF : 864.2/18

In: -1.726+/-0.064 χ^2/NDF : 320.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.678+/-0.042 χ^2/NDF : 864.2/18

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.213+/-0.311 χ^2/NDF : 29.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.341+/-0.263 χ^2/NDF : 171.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

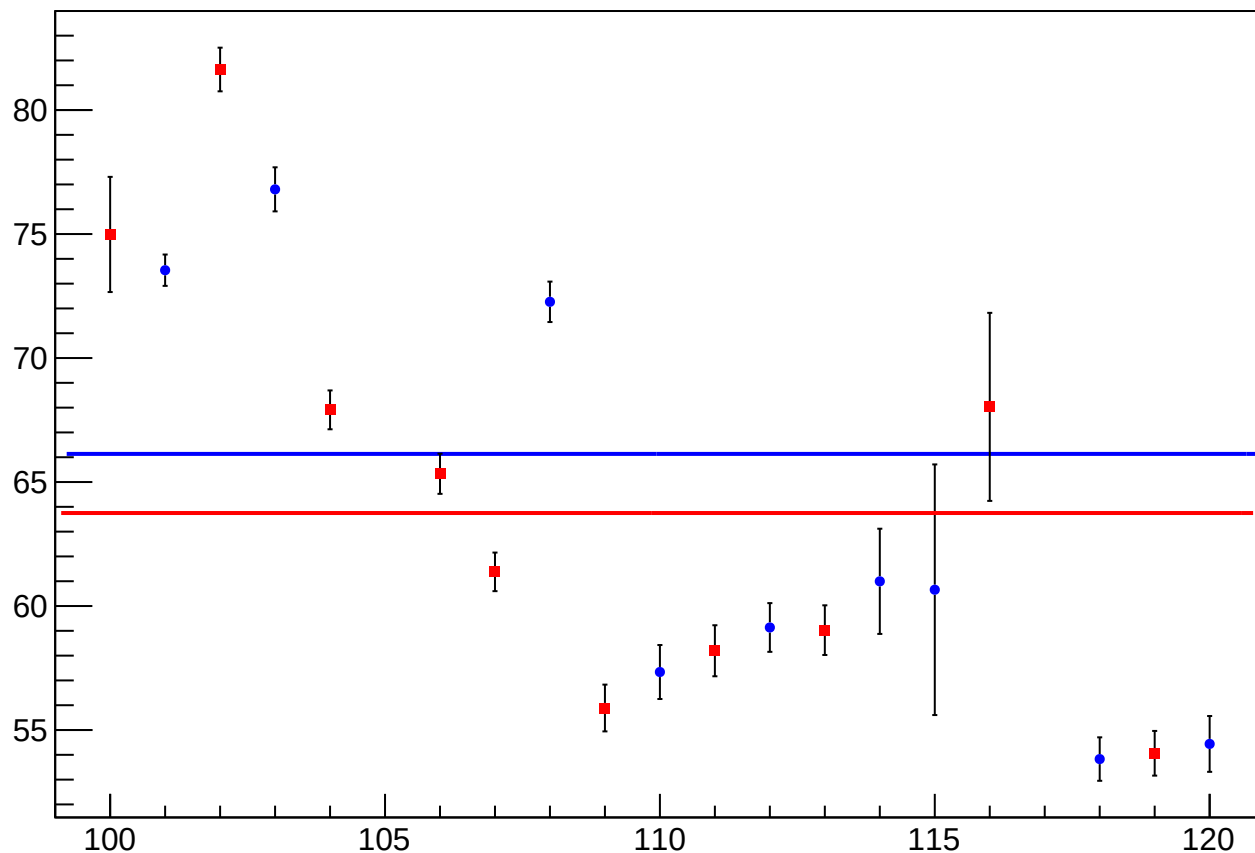
Right: 0.288+/-0.201 χ^2/NDF : 201.5/18

In: 0.213+/-0.311 χ^2/NDF : 29.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.288+/-0.201 χ^2/NDF : 201.5/18

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 66.134+/-0.324 χ^2/NDF : 766.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.751+/-0.306 χ^2/NDF : 715.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

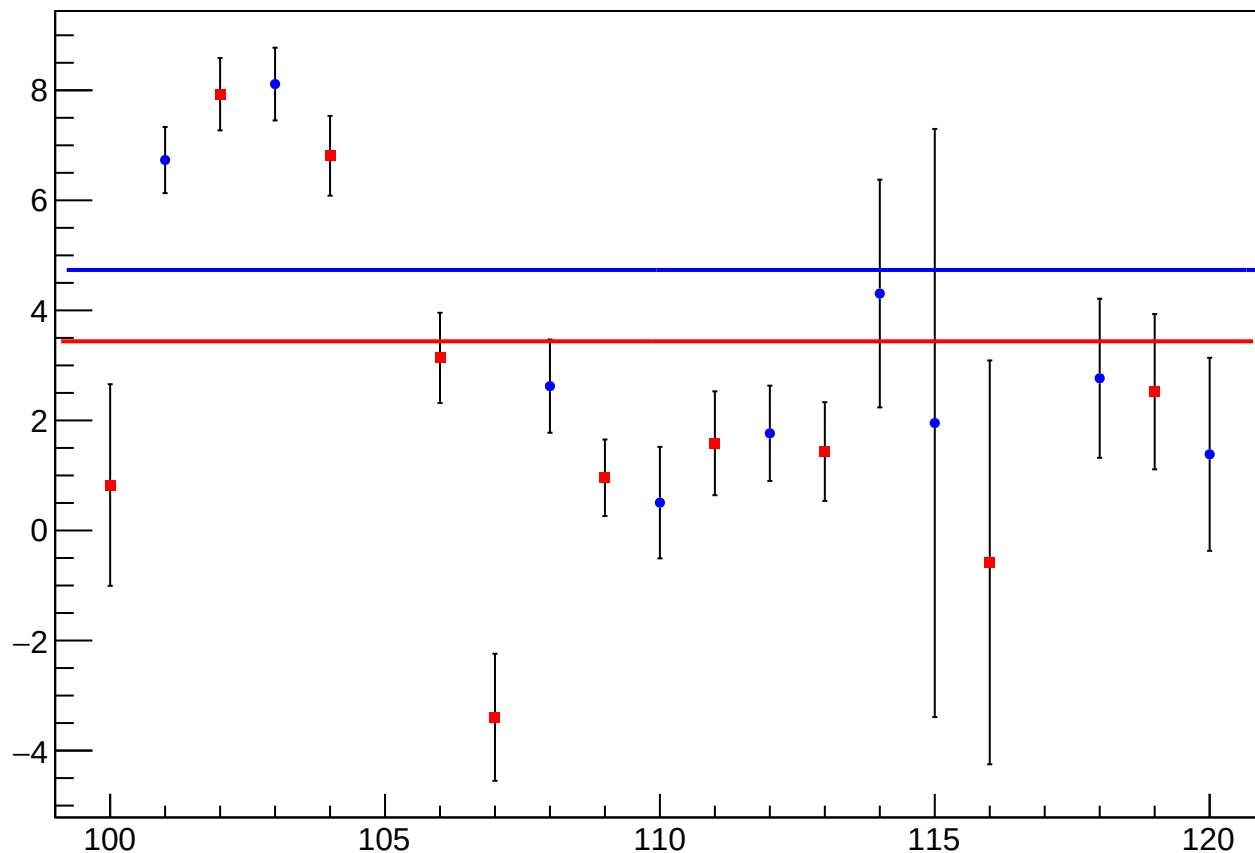
Right: 64.875+/-0.223 χ^2/NDF : 1510.3/18

In: 66.134+/-0.324 χ^2/NDF : 766.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.875+/-0.223 χ^2/NDF : 1510.3/18

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 4.735 $\pm$ 0.319 χ^2/NDF : 78.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 3.438 $\pm$ 0.292 χ^2/NDF : 128.6/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

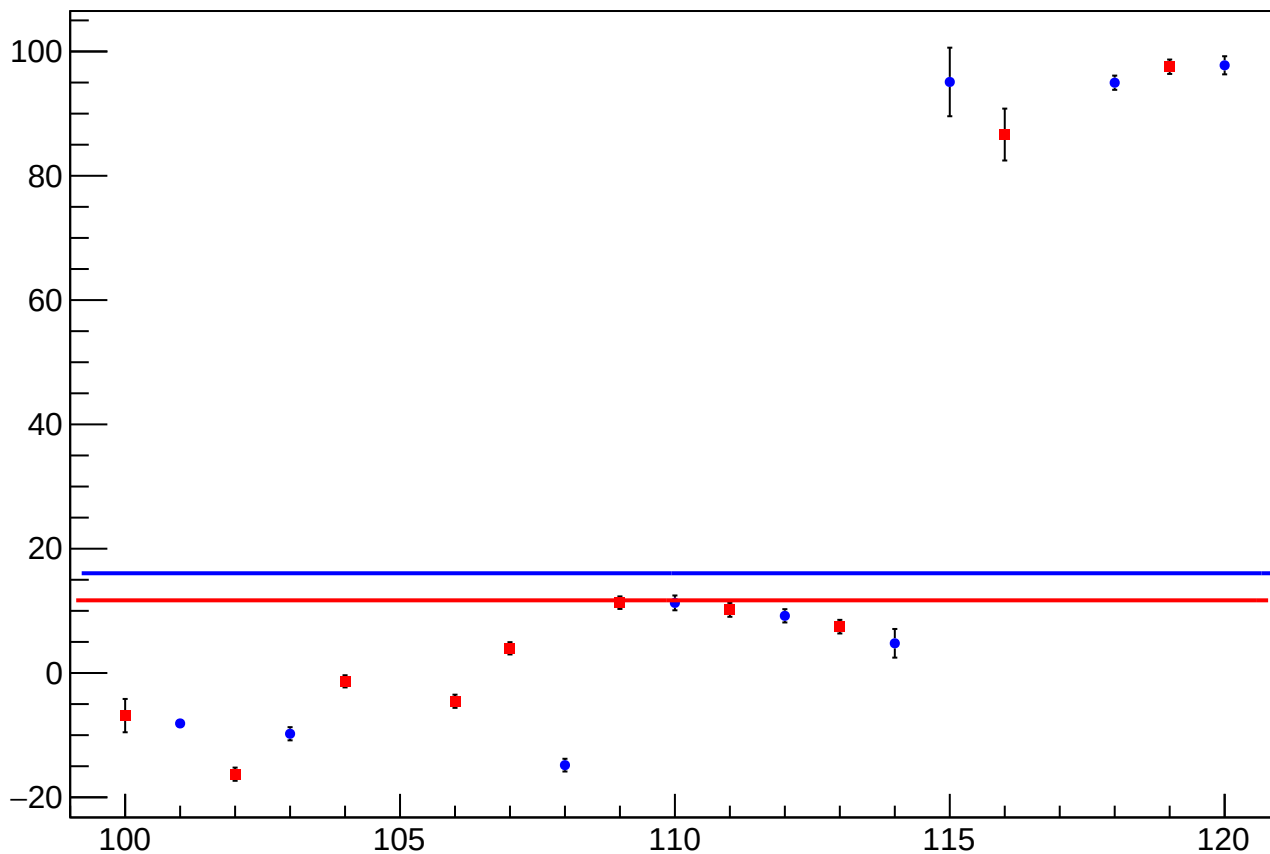
Right: 4.028 $\pm$ 0.215 χ^2/NDF : 216.0/18

In: 4.735 $\pm$ 0.319 χ^2/NDF : 78.3/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 4.028 $\pm$ 0.215 χ^2/NDF : 216.0/18

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.048+/-0.394 χ^2/NDF : 10601.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.692+/-0.368 χ^2/NDF : 7059.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

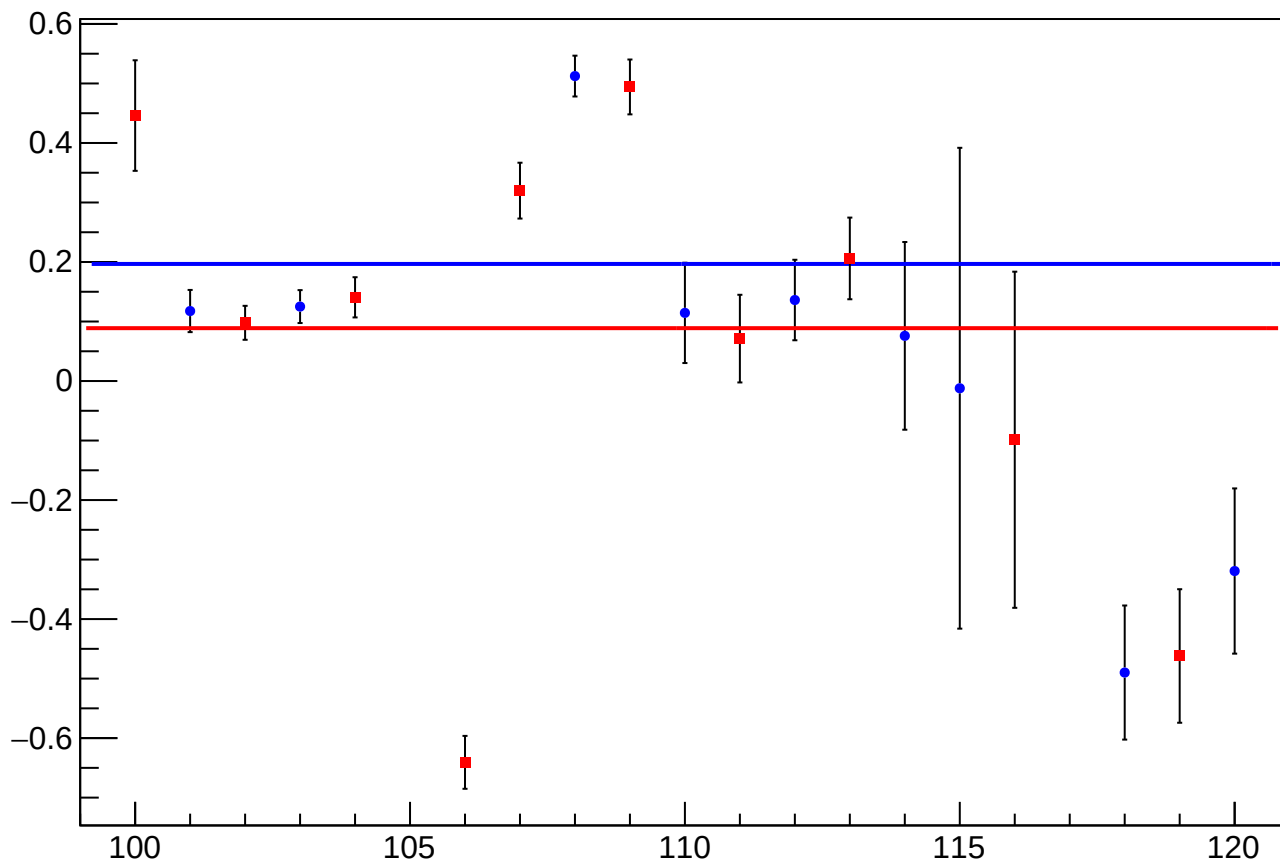
Right: 13.716+/-0.269 χ^2/NDF : 17726.0/18

In: 16.048+/-0.394 χ^2/NDF : 10601.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.716+/-0.269 χ^2/NDF : 17726.0/18

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.197+/-0.017 χ^2/NDF : 150.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.089+/-0.016 χ^2/NDF : 415.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

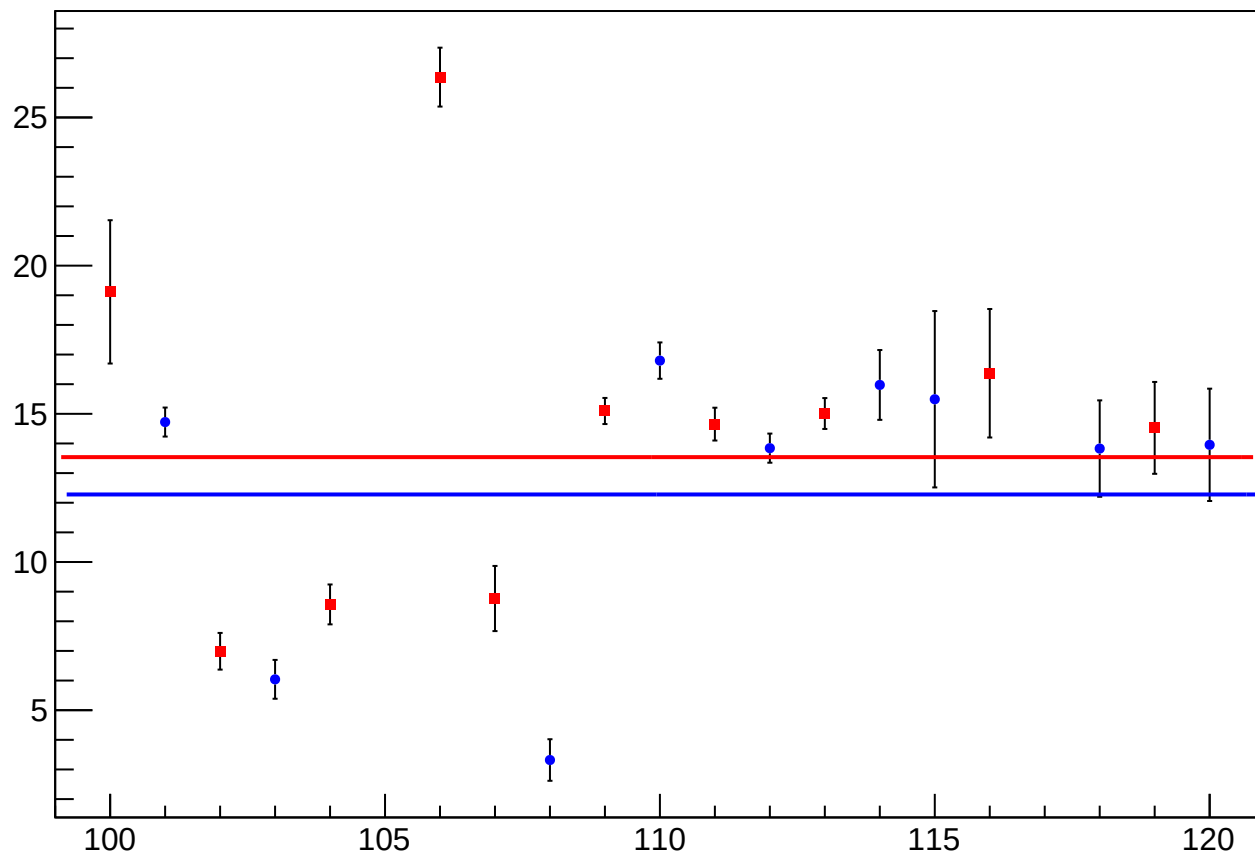
Right: 0.138+/-0.011 χ^2/NDF : 587.8/18

In: 0.197+/-0.017 χ^2/NDF : 150.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.138+/-0.011 χ^2/NDF : 587.8/18

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 12.279+/-0.244 χ^2/NDF : 355.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.539+/-0.226 χ^2/NDF : 383.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

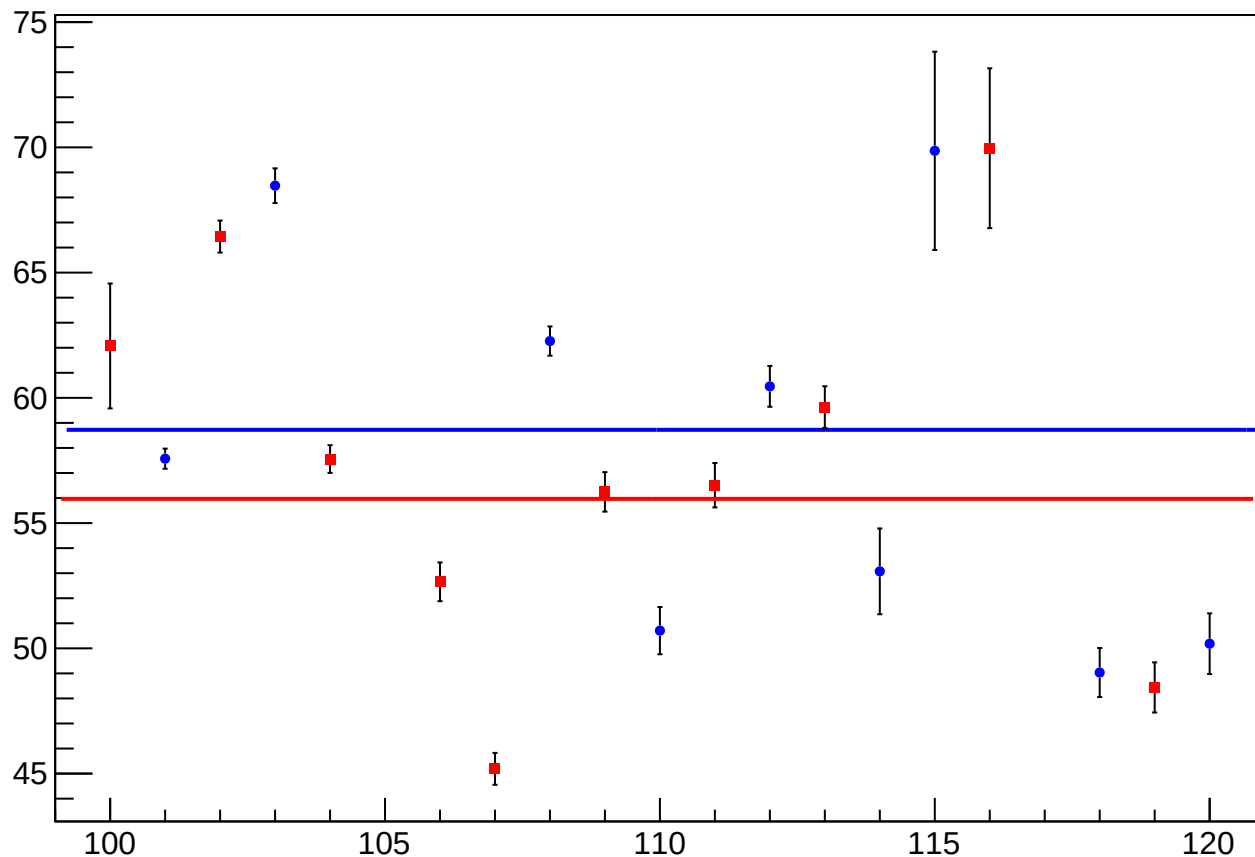
Right: 12.956+/-0.166 χ^2/NDF : 754.0/18

In: 12.279+/-0.244 χ^2/NDF : 355.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.956+/-0.166 χ^2/NDF : 754.0/18

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 58.724+/-0.250 χ^2/NDF : 485.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.967+/-0.255 χ^2/NDF : 683.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

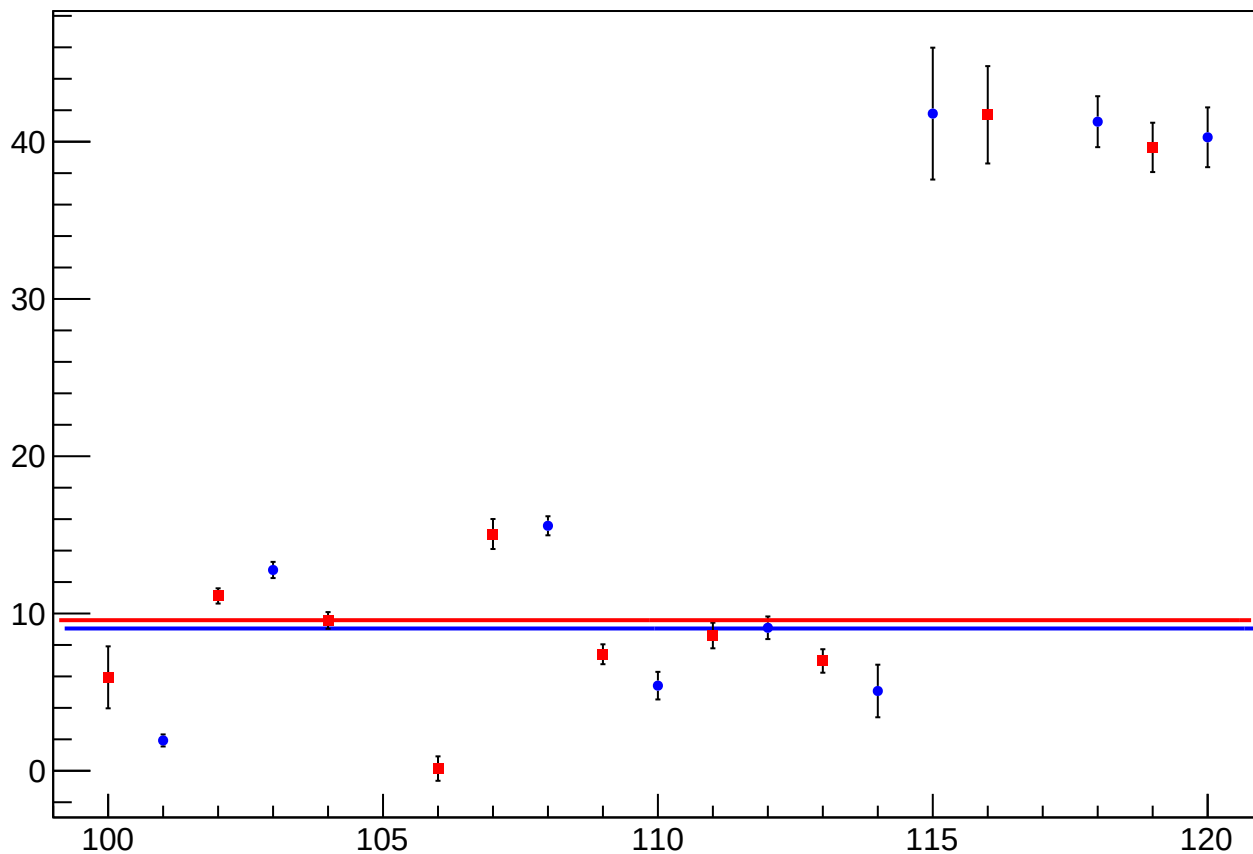
Right: 57.369+/-0.178 χ^2/NDF : 1228.4/18

In: 58.724+/-0.250 χ^2/NDF : 485.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.369+/-0.178 χ^2/NDF : 1228.4/18

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 9.047+/-0.238 χ^2/NDF : 1264.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 9.576+/-0.242 χ^2/NDF : 694.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

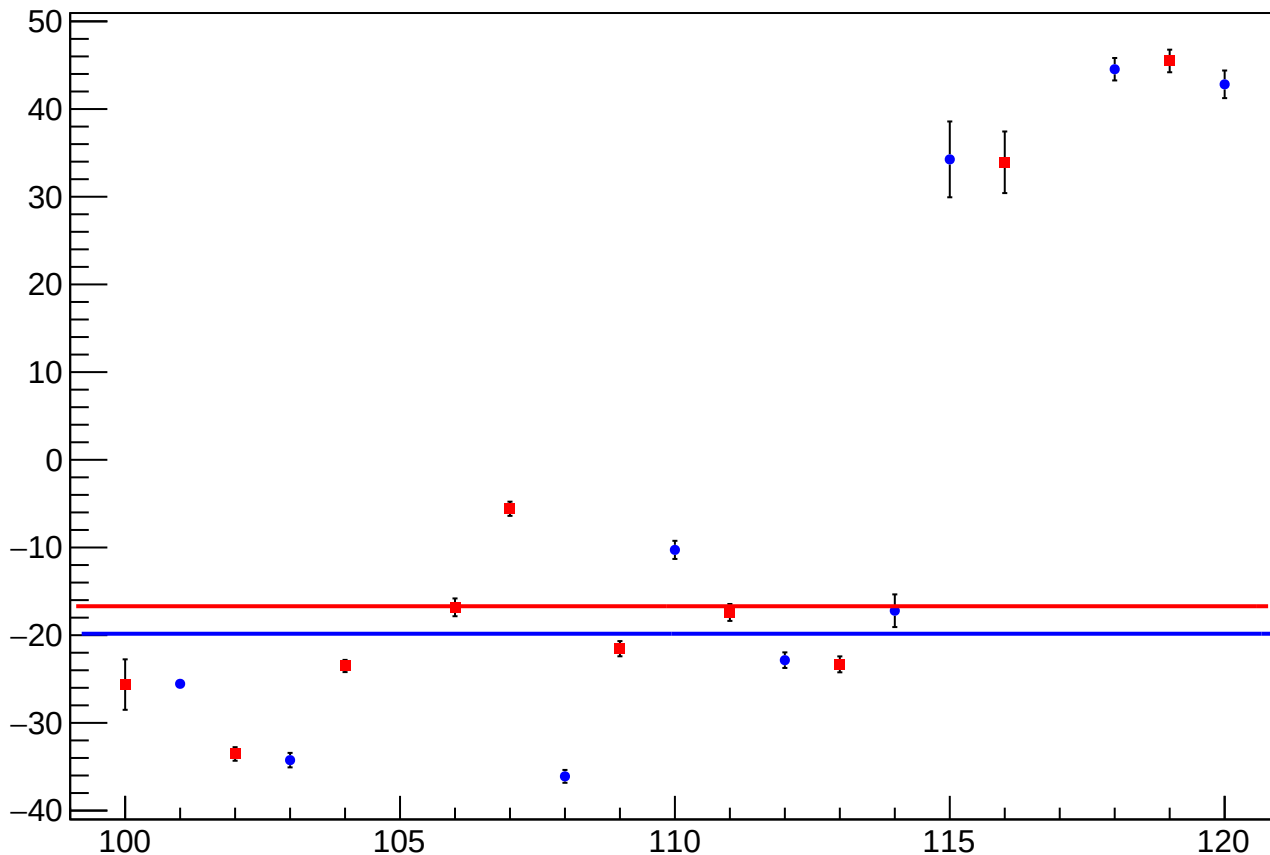
Right: 9.308+/-0.170 χ^2/NDF : 1960.8/18

In: 9.047+/-0.238 χ^2/NDF :1264.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 9.308+/-0.170 χ^2/NDF : 1960.8/18

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -19.834 ± 0.305 $\chi^2/\text{NDF}: 5288.1/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -16.698 ± 0.306 $\chi^2/\text{NDF}: 3389.6/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

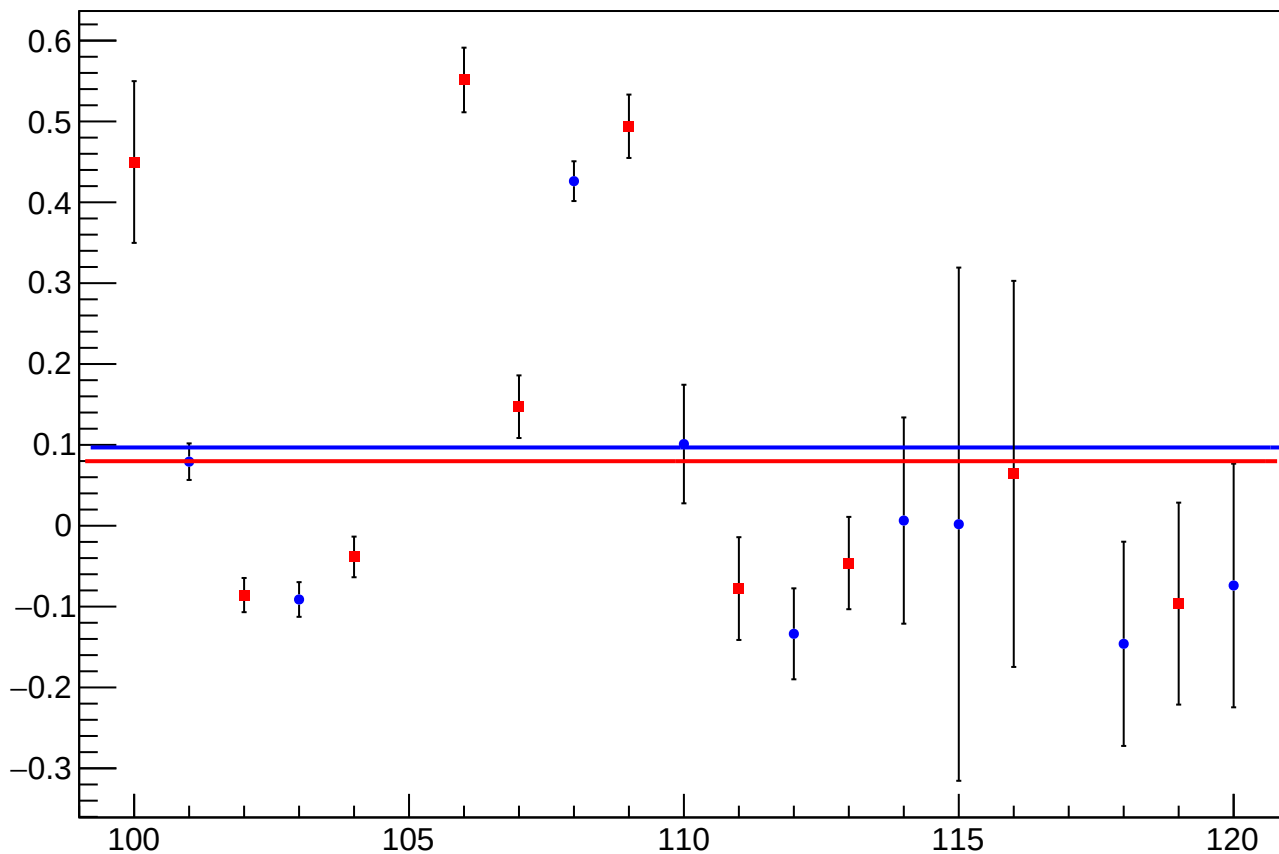
Right: -18.272 ± 0.216 $\chi^2/\text{NDF}: 8730.3/18$

In: -19.834 ± 0.305 $\chi^2/\text{NDF}: 5288.1/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -18.272 ± 0.216 $\chi^2/\text{NDF}: 8730.3/18$

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.097 $\pm$ 0.012 χ^2 /NDF: 279.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.080 $\pm$ 0.012 χ^2 /NDF: 364.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

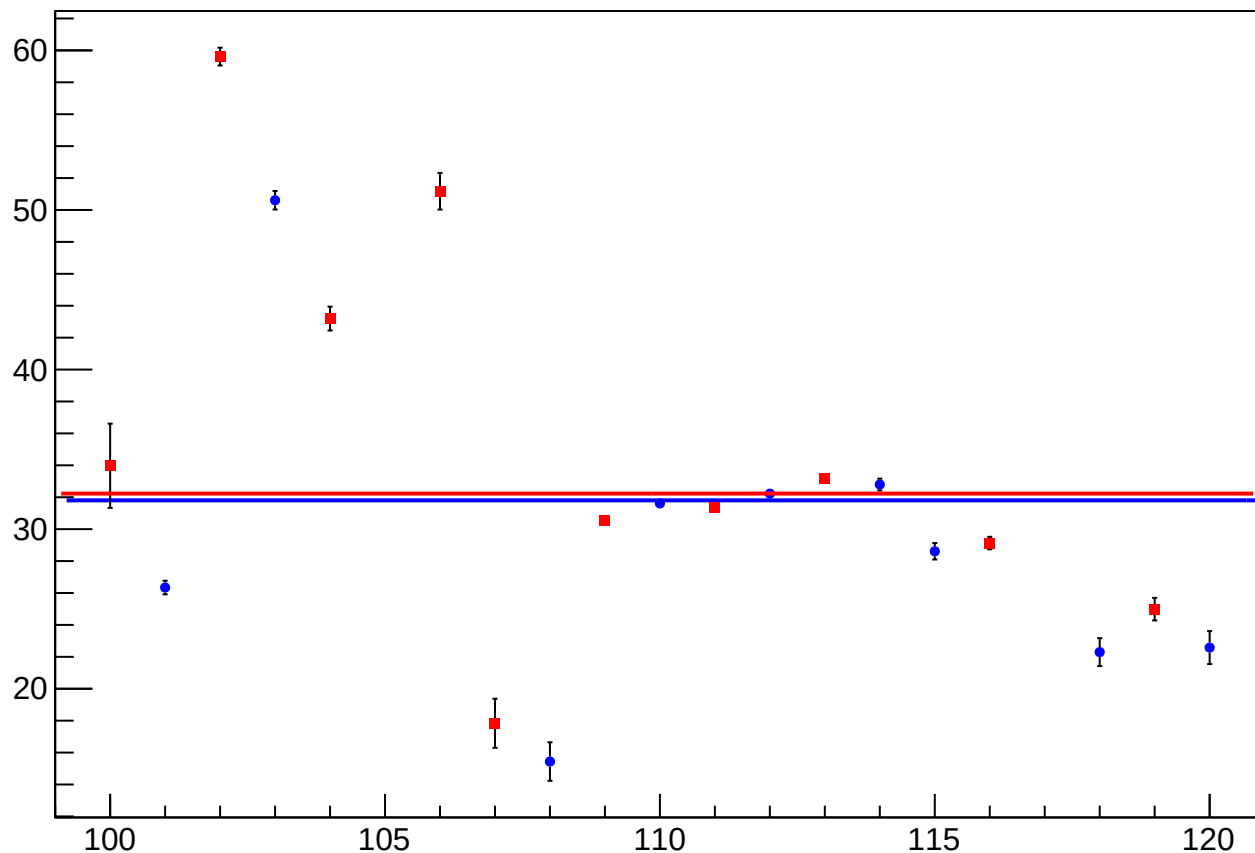
Right: 0.088 $\pm$ 0.009 χ^2 /NDF: 644.2/18

In: 0.097 $\pm$ 0.012 χ^2 /NDF:279.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.088 $\pm$ 0.009 χ^2 /NDF: 644.2/18

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 31.804+/-0.108 χ^2/NDF : 1642.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.229+/-0.088 χ^2/NDF : 3347.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

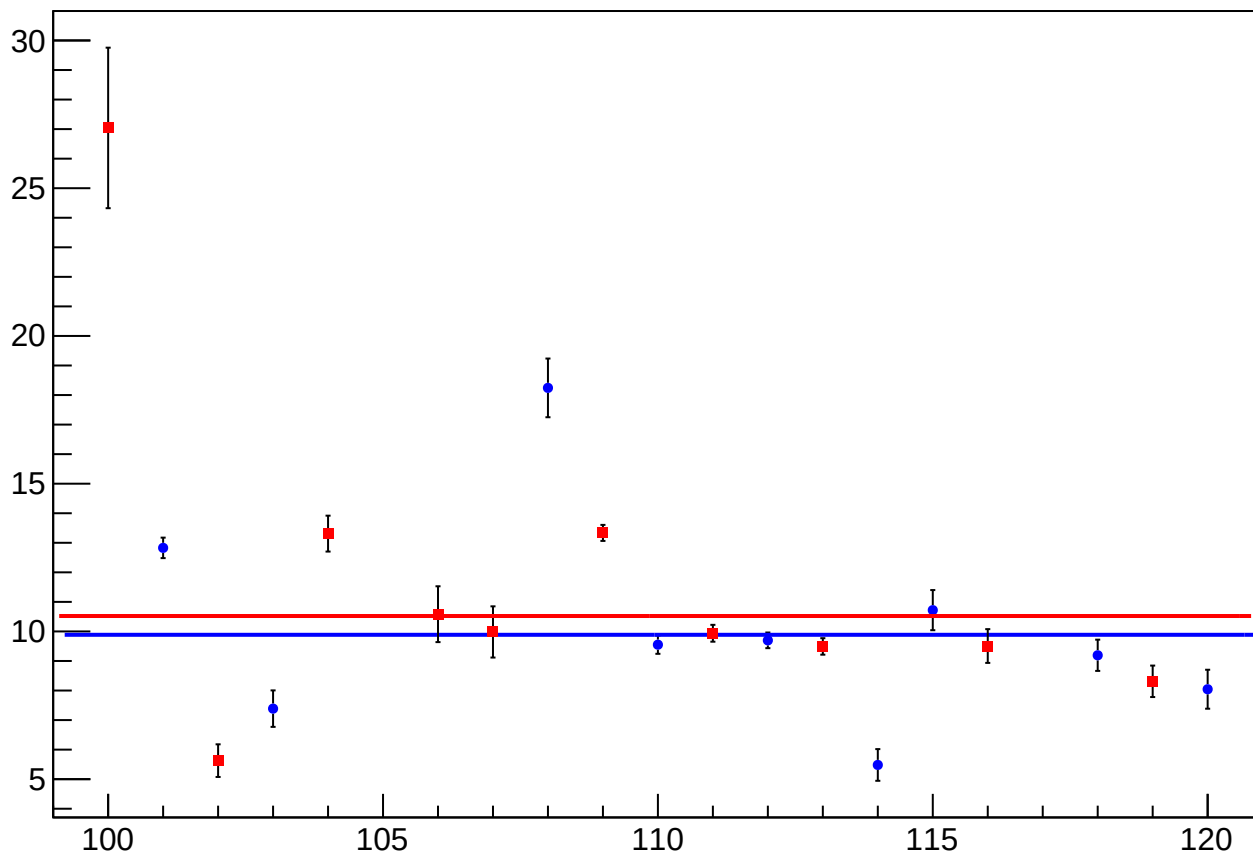
Right: 32.059+/-0.068 χ^2/NDF : 4999.7/18

In: 31.804+/-0.108 χ^2/NDF : 1642.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.059+/-0.068 χ^2/NDF : 4999.7/18

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.886+/-0.144 χ^2/NDF : 239.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.522+/-0.136 χ^2/NDF : 282.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

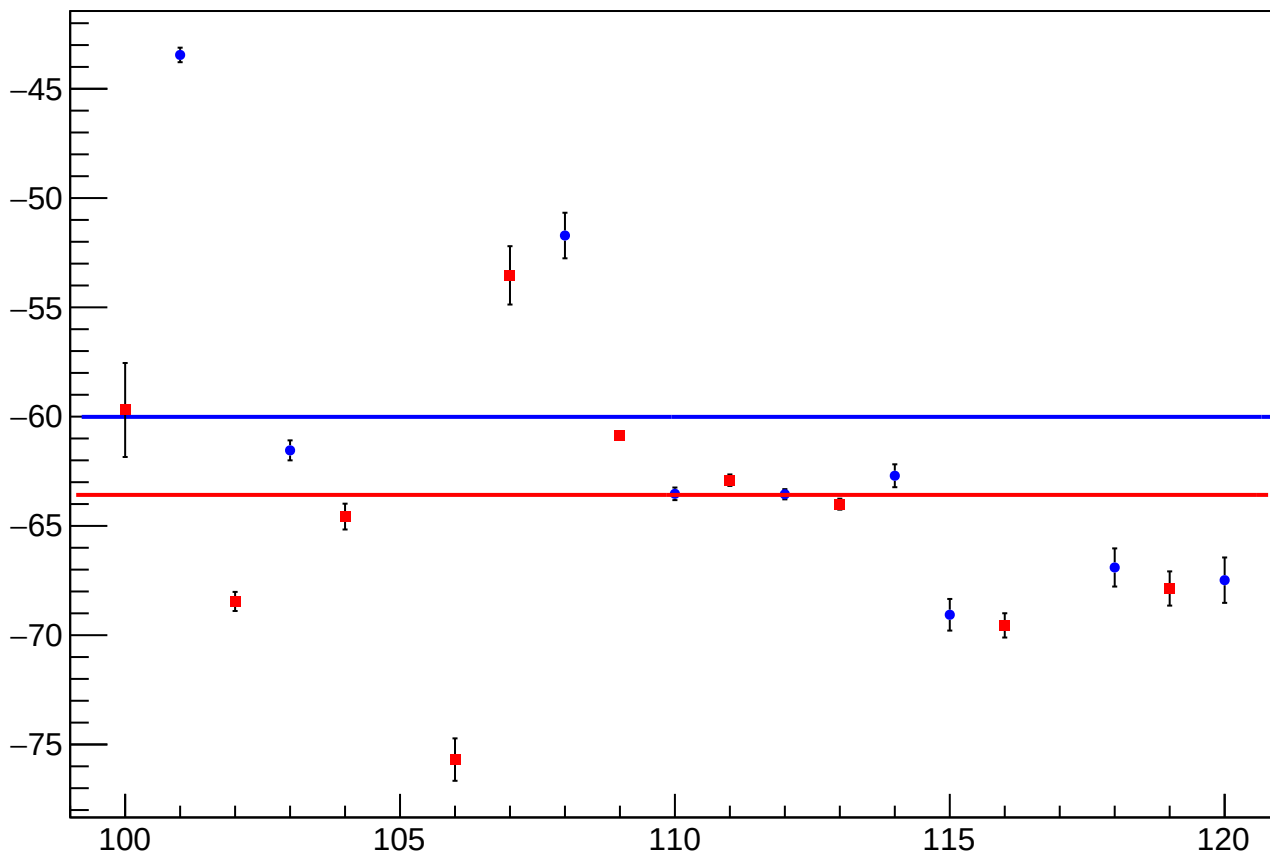
Right: 10.222+/-0.099 χ^2/NDF : 532.2/18

In: 9.886+/-0.144 χ^2/NDF : 239.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.222+/-0.099 χ^2/NDF : 532.2/18

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -60.011 ± 0.138 $\chi^2/\text{NDF}: 3229.2/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -63.581 ± 0.123 $\chi^2/\text{NDF}: 656.4/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

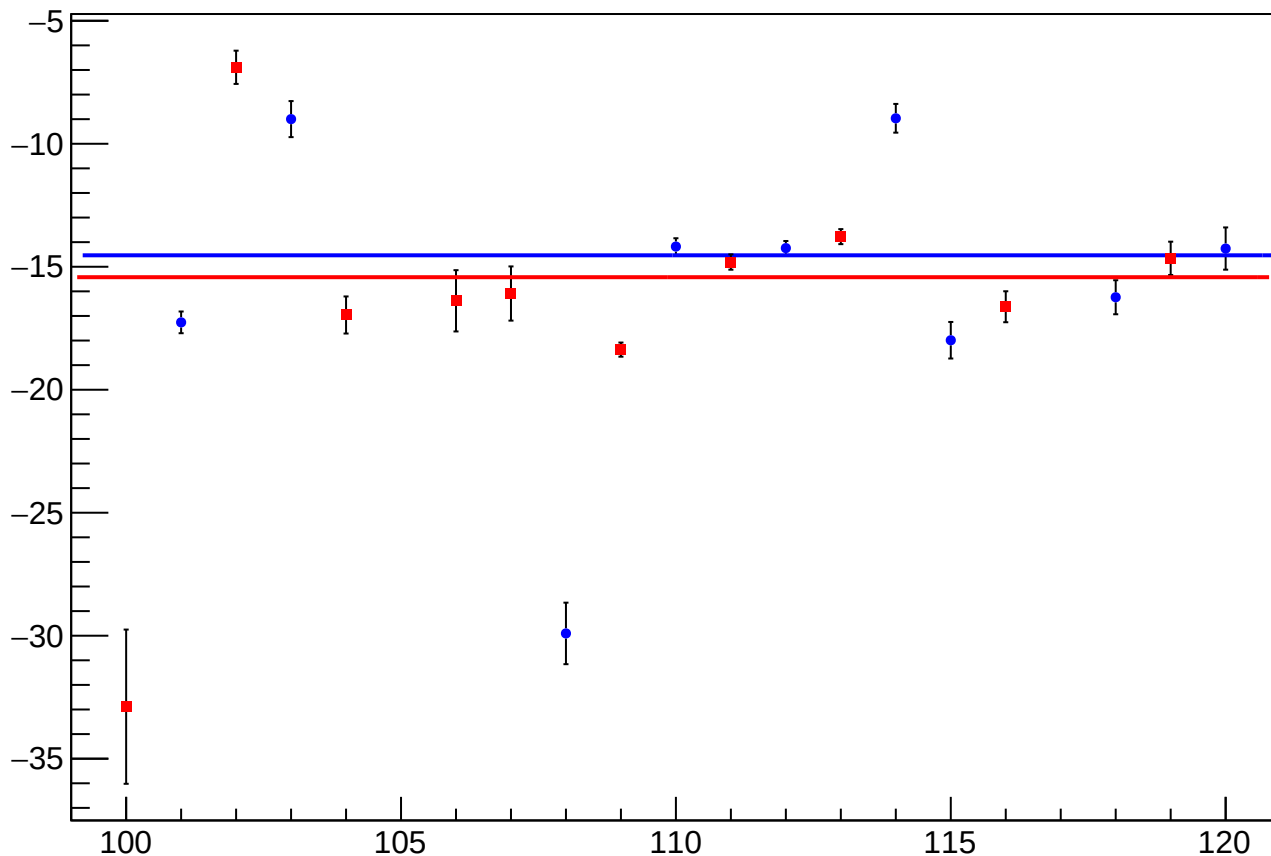
Right: -62.002 ± 0.092 $\chi^2/\text{NDF}: 4261.1/18$

In: -60.011 ± 0.138 $\chi^2/\text{NDF}: 3229.2/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -62.002 ± 0.092 $\chi^2/\text{NDF}: 4261.1/18$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -14.535 ± 0.165 χ^2/NDF : 367.2/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -15.425 ± 0.152 χ^2/NDF : 338.7/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

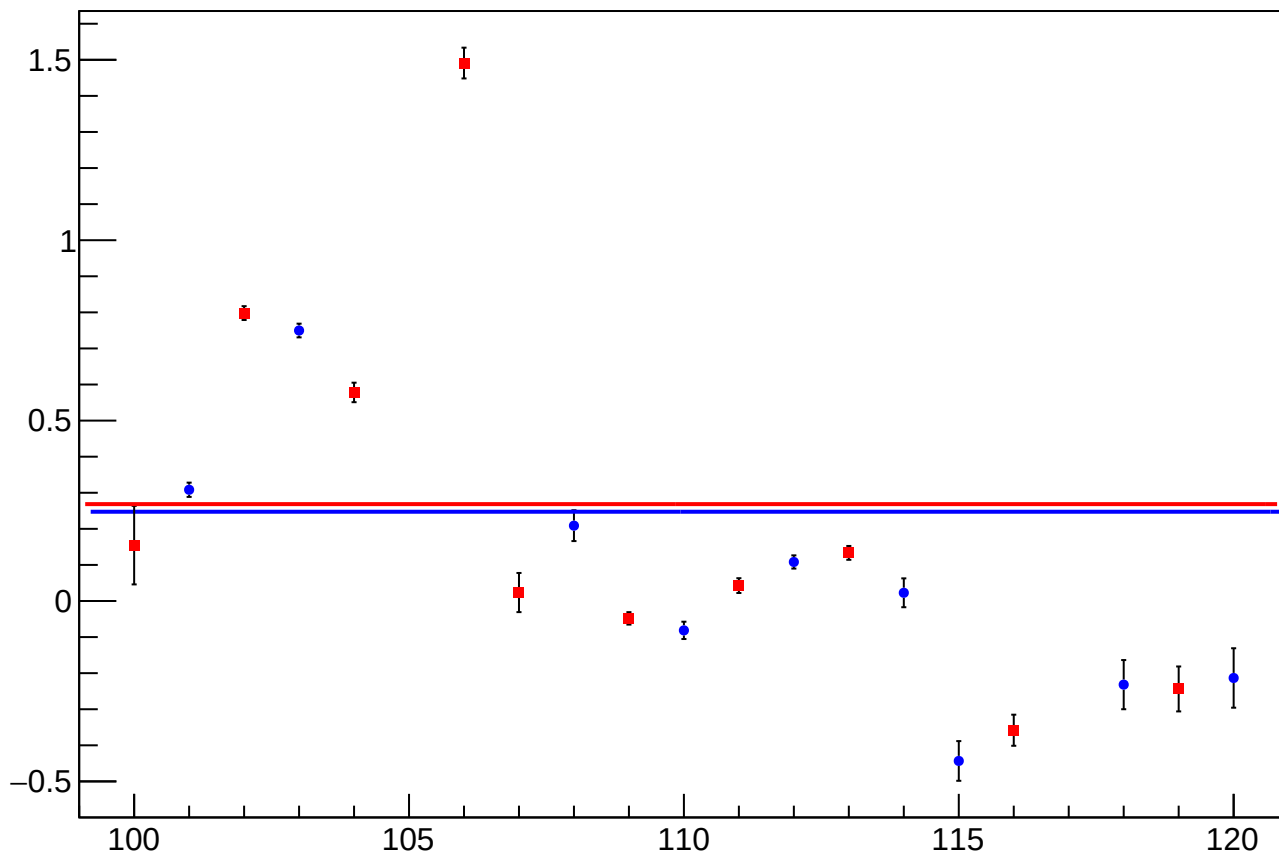
Right: -15.018 ± 0.112 χ^2/NDF : 721.6/18

In: -14.535 ± 0.165 χ^2/NDF : 367.2/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.018 ± 0.112 χ^2/NDF : 721.6/18

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.247+/-0.009 χ^2/NDF : 1224.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.269+/-0.008 χ^2/NDF : 2524.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

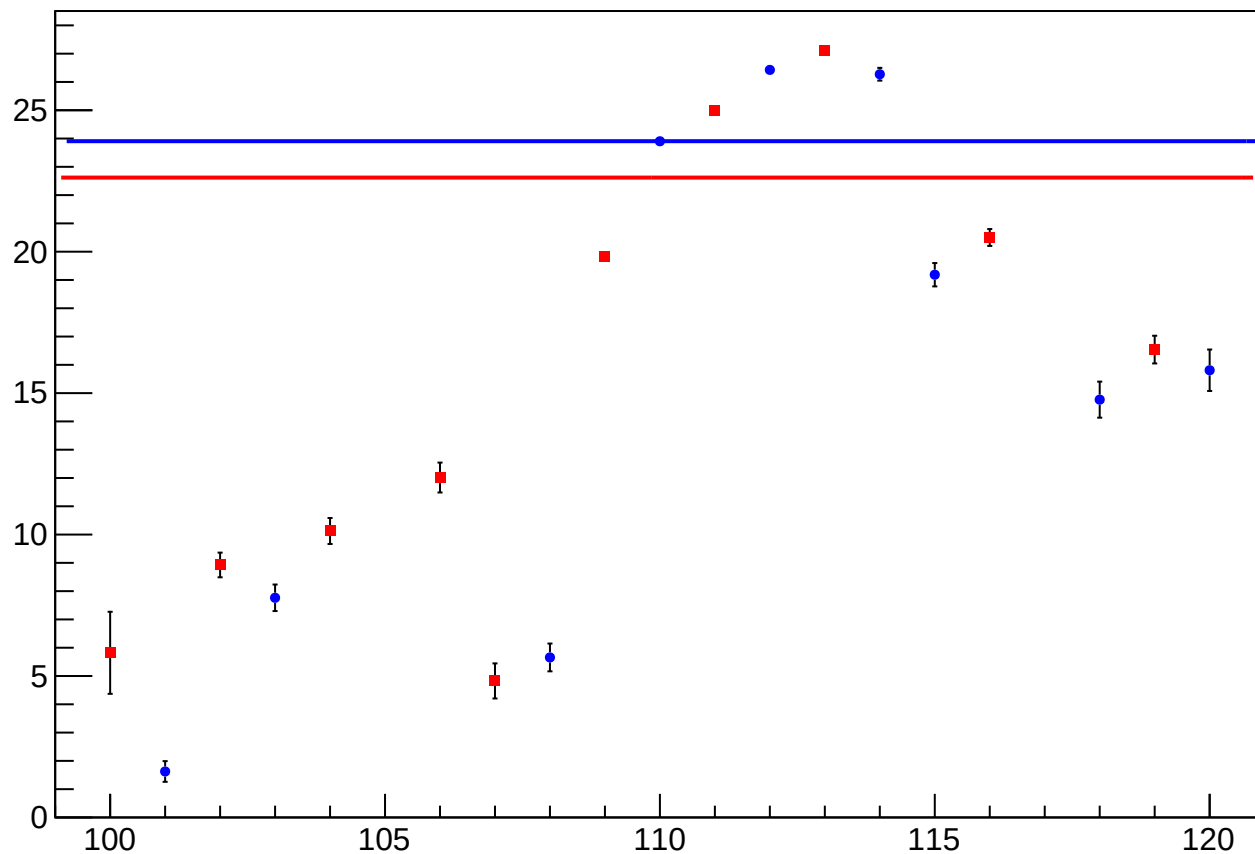
Right: 0.259+/-0.006 χ^2/NDF : 3752.2/18

In: 0.247+/-0.009 χ^2/NDF : 1224.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.259+/-0.006 χ^2/NDF : 3752.2/18

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 23.906 $\pm$ 0.061 χ^2 /NDF: 7689.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 22.620 $\pm$ 0.048 χ^2 /NDF: 7358.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

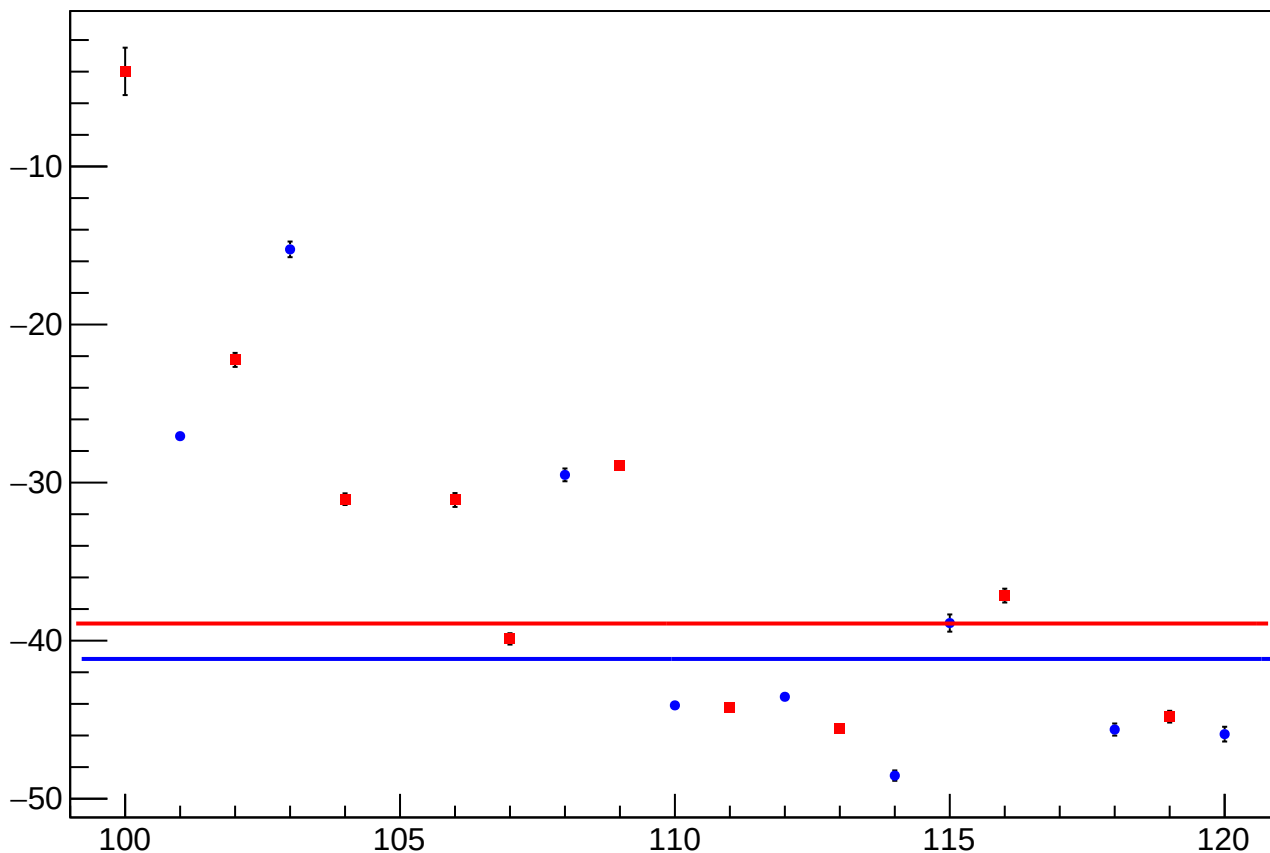
Right: 23.114 $\pm$ 0.038 χ^2 /NDF: 15319.9/18

In: 23.906 $\pm$ 0.061 χ^2 /NDF:7689.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 23.114 $\pm$ 0.038 χ^2 /NDF: 15319.9/18

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -41.157 ± 0.088 χ^2/NDF : 7170.4/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -38.916 ± 0.079 χ^2/NDF : 9673.4/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

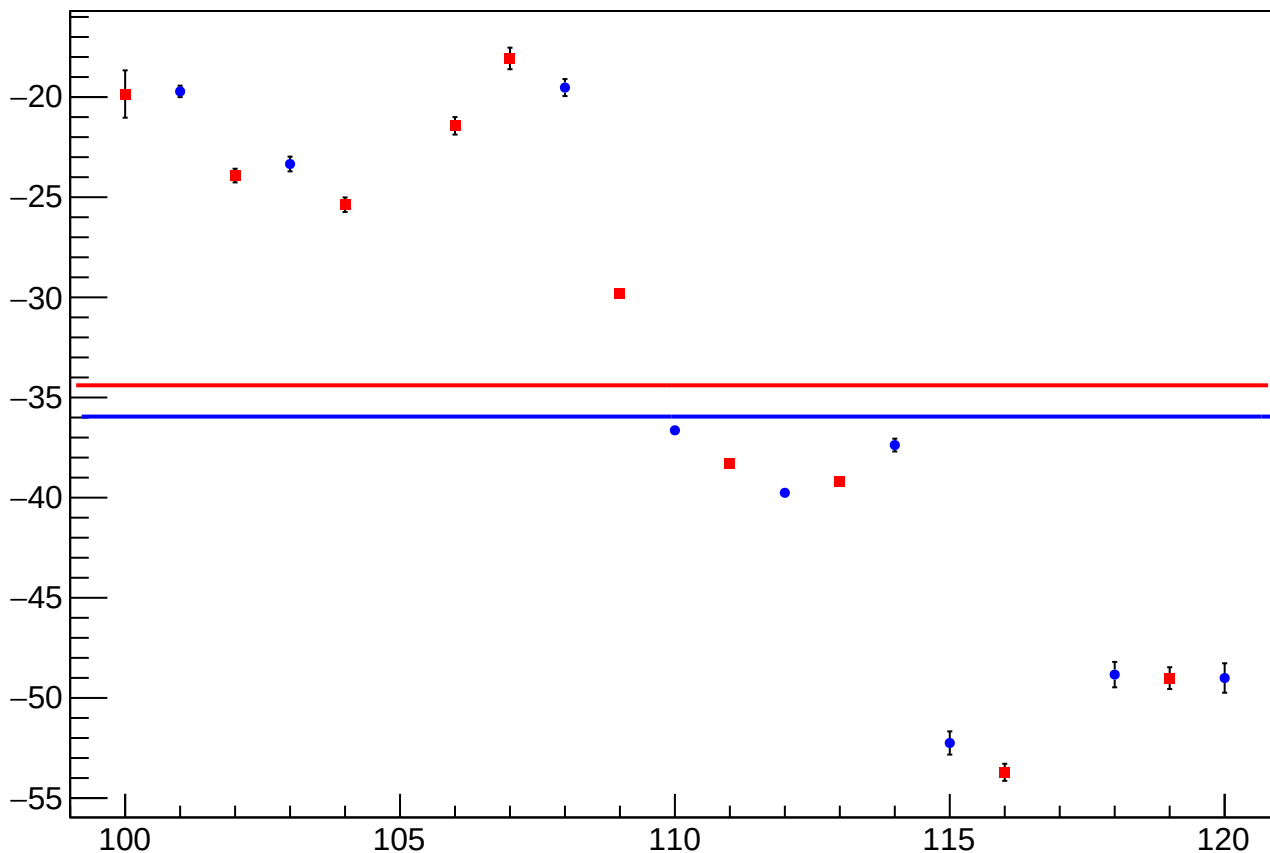
Right: -39.915 ± 0.059 χ^2/NDF : 17206.5/18

In: -41.157 ± 0.088 χ^2/NDF : 7170.4/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.915 ± 0.059 χ^2/NDF : 17206.5/18

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -35.952 ± 0.083 χ^2/NDF : 8347.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -34.392 ± 0.069 χ^2/NDF : 9794.5/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

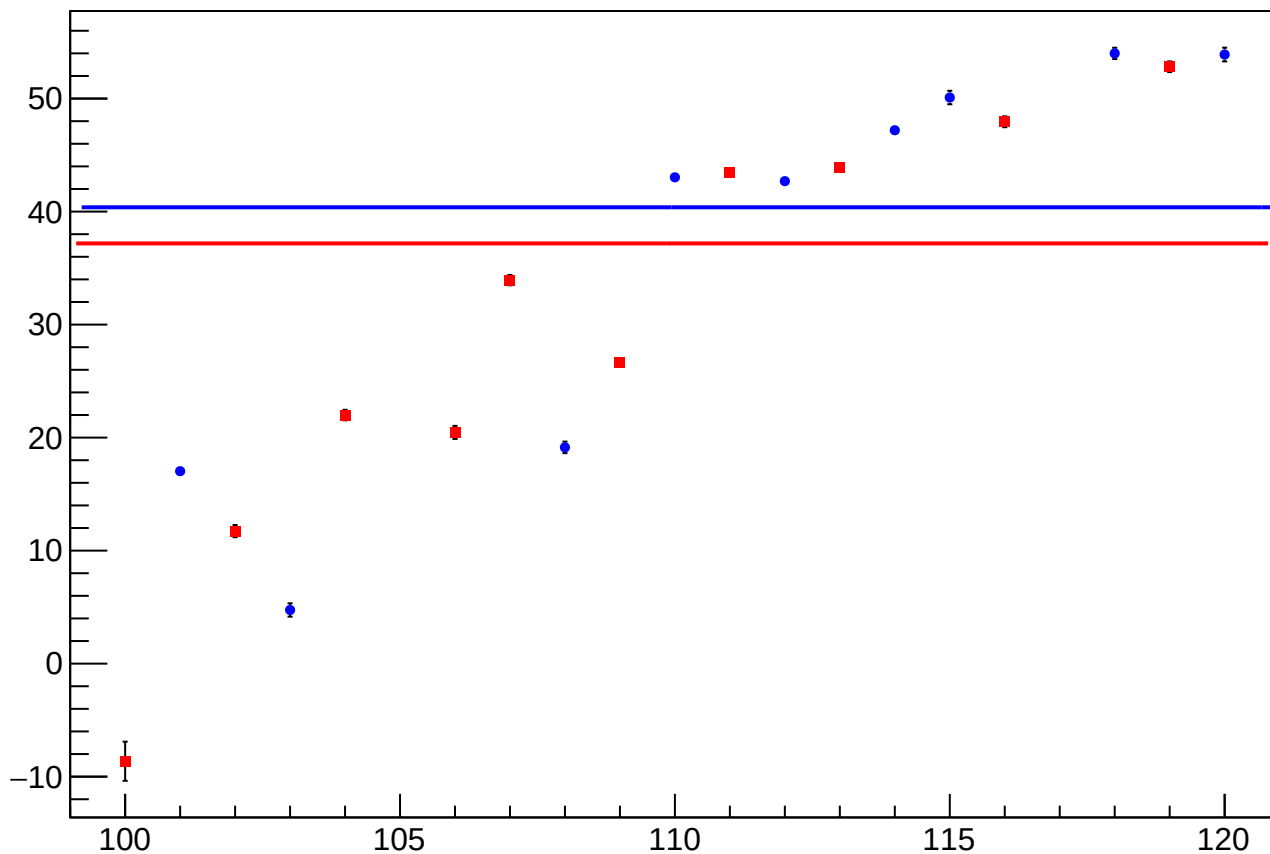
Right: -35.031 ± 0.053 χ^2/NDF : 18352.8/18

In: -35.952 ± 0.083 χ^2/NDF : 8347.5/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.031 ± 0.053 χ^2/NDF : 18352.8/18

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.380+/-0.099 χ^2/NDF : 11478.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.182+/-0.087 χ^2/NDF : 13323.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

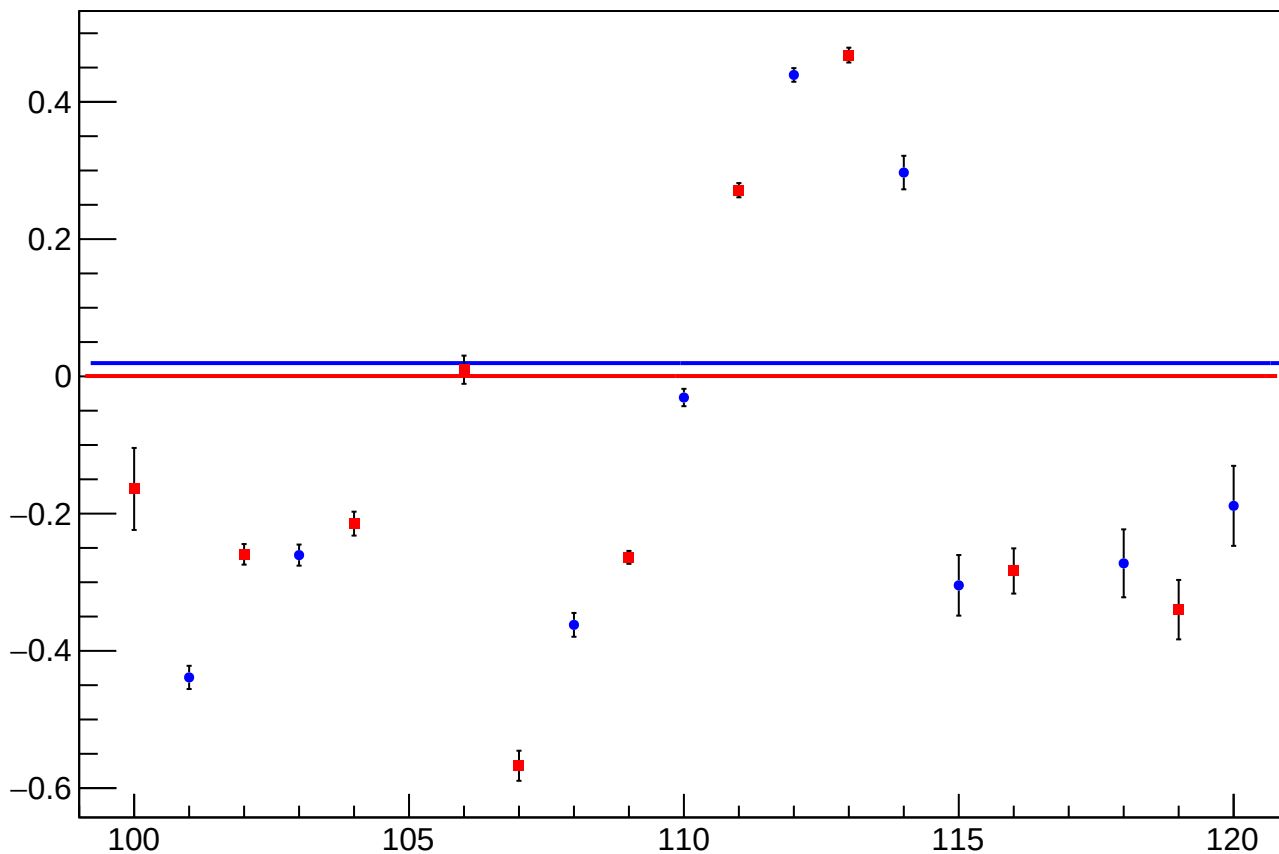
Right: 38.575+/-0.065 χ^2/NDF : 25391.2/18

In: 40.380+/-0.099 χ^2/NDF : 11478.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.575+/-0.065 χ^2/NDF : 25391.2/18

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.019+/-0.006 χ^2/NDF : 3575.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.005 χ^2/NDF : 4607.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

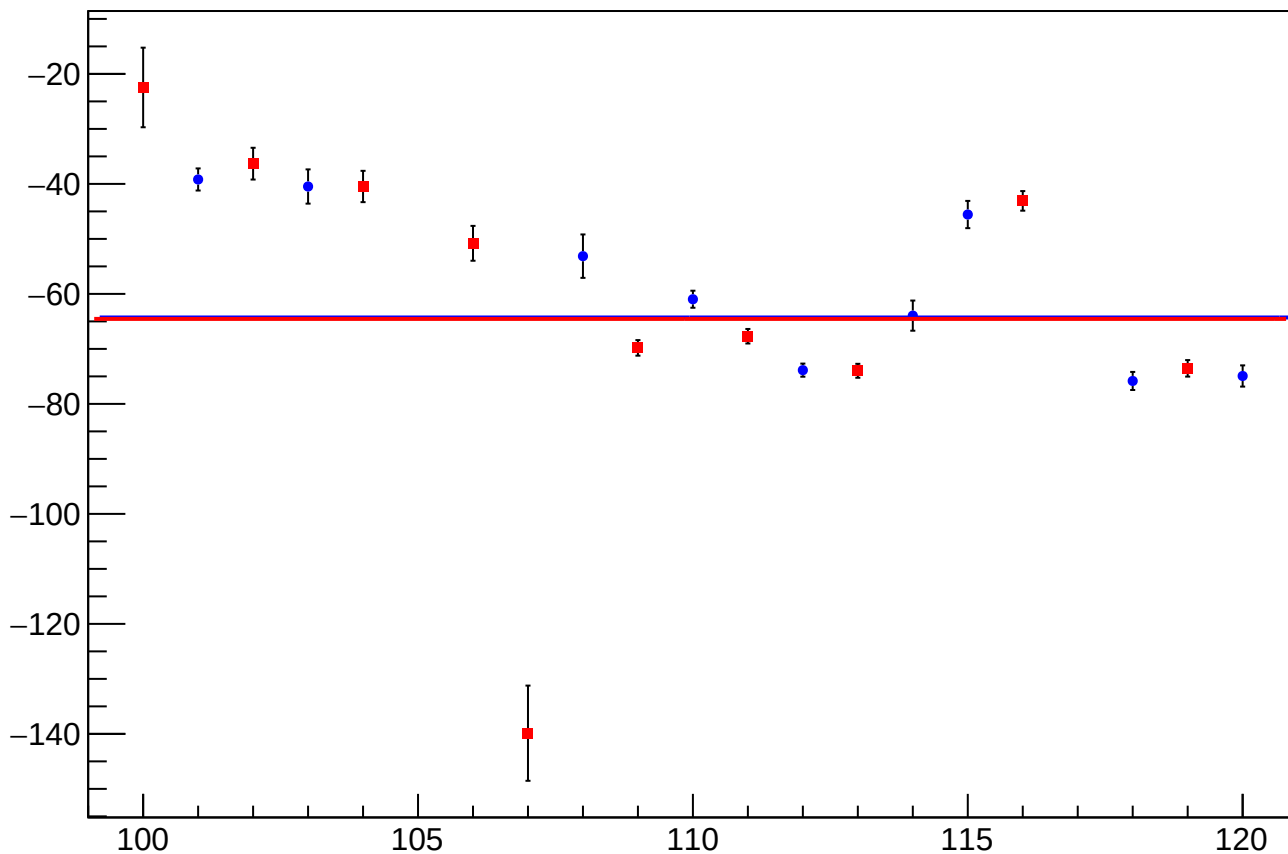
Right: 0.008+/-0.004 χ^2/NDF : 8188.9/18

In: 0.019+/-0.006 χ^2/NDF : 3575.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.004 χ^2/NDF : 8188.9/18

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -64.290+/-0.636 χ^2/NDF : 428.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -64.548+/-0.595 χ^2/NDF : 551.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

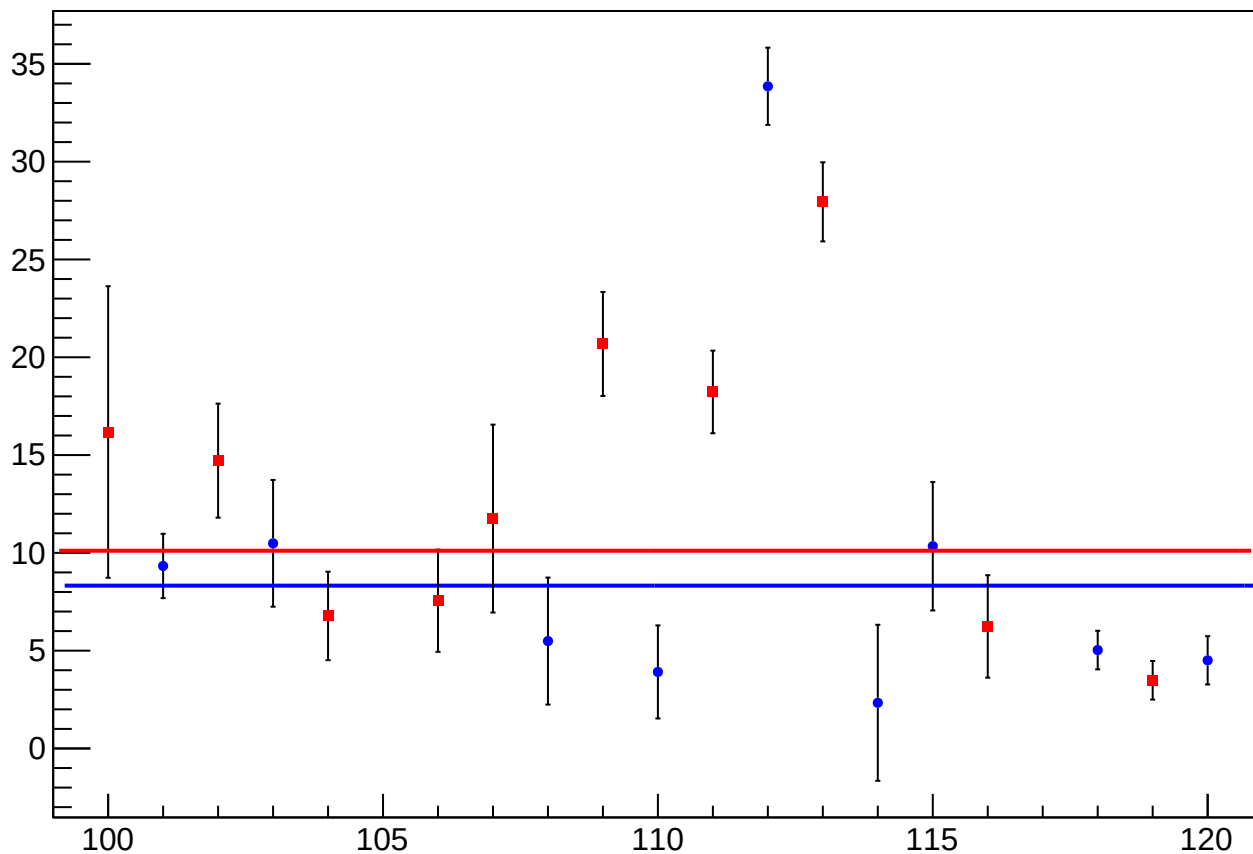
Right: -64.428+/-0.434 χ^2/NDF : 979.7/18

In: -64.290+/-0.636 χ^2/NDF : 428.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -64.428+/-0.434 χ^2/NDF : 979.7/18

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.325+/-0.594 χ^2/NDF : 195.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.109+/-0.659 χ^2/NDF : 162.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

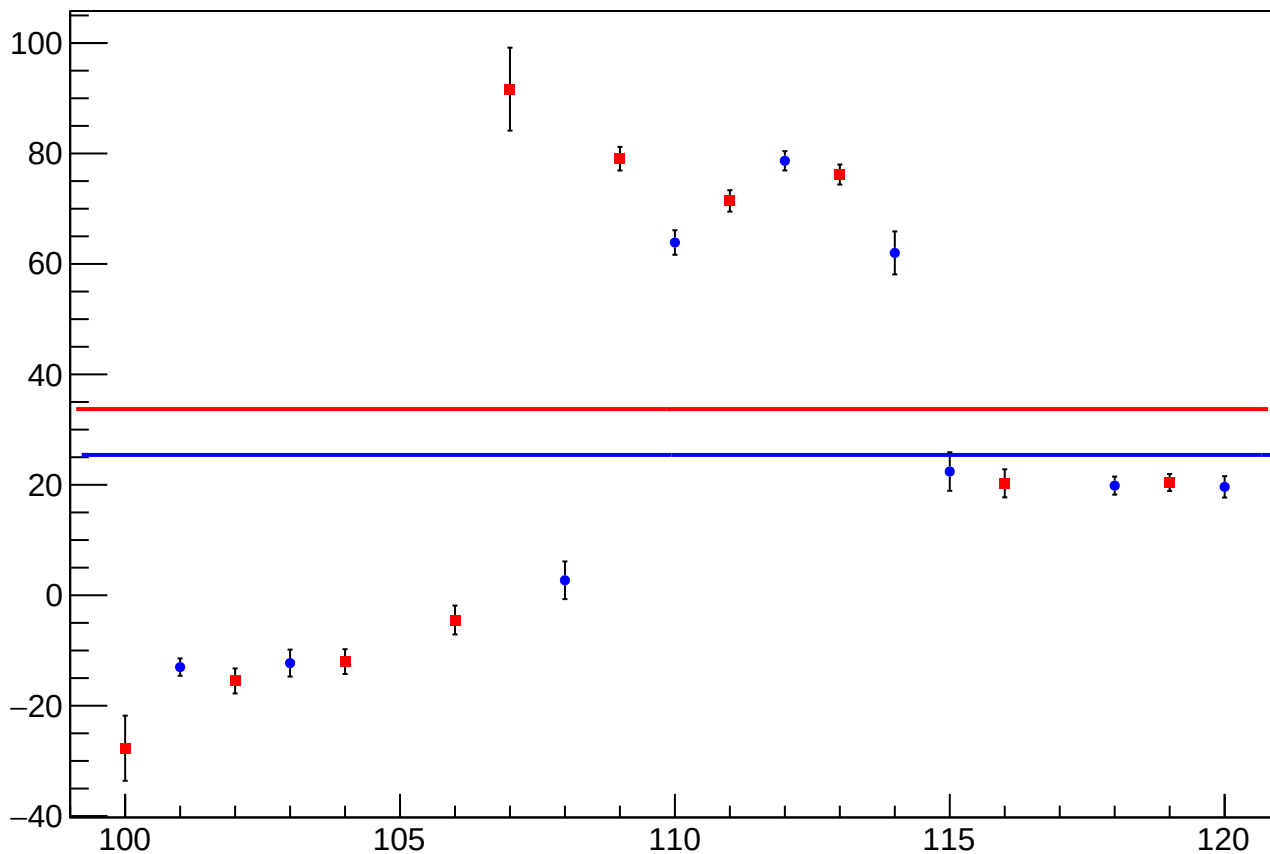
Right: 9.125+/-0.441 χ^2/NDF : 361.6/18

In: 8.325+/-0.594 χ^2/NDF : 195.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.125+/-0.441 χ^2/NDF : 361.6/18

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 25.420+/-0.711 χ^2/NDF : 2218.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.716+/-0.716 χ^2/NDF : 2746.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

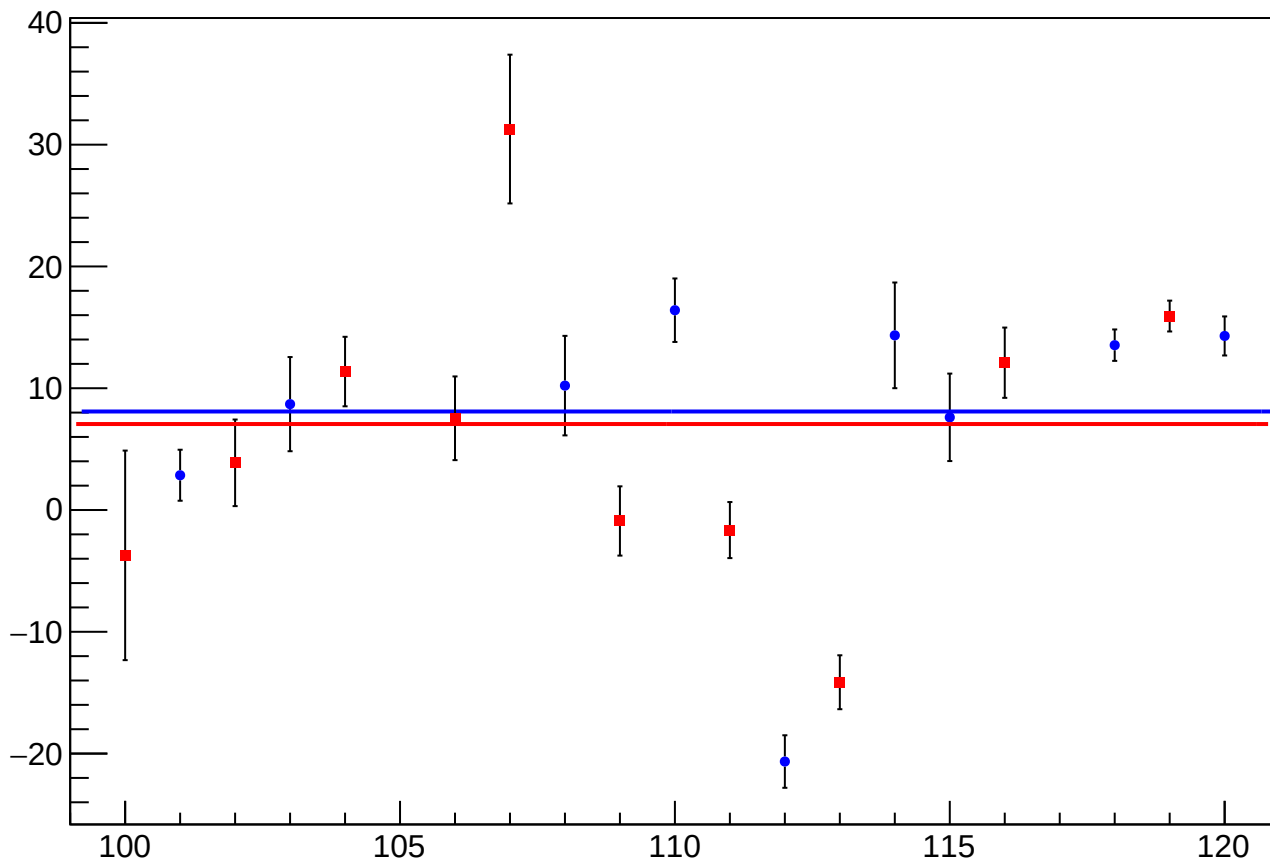
Right: 29.543+/-0.504 χ^2/NDF : 5032.7/18

In: 25.420+/-0.711 χ^2/NDF : 2218.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.543+/-0.504 χ^2/NDF : 5032.7/18

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.090+/-0.738 χ^2/NDF : 229.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.060+/-0.794 χ^2/NDF : 186.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

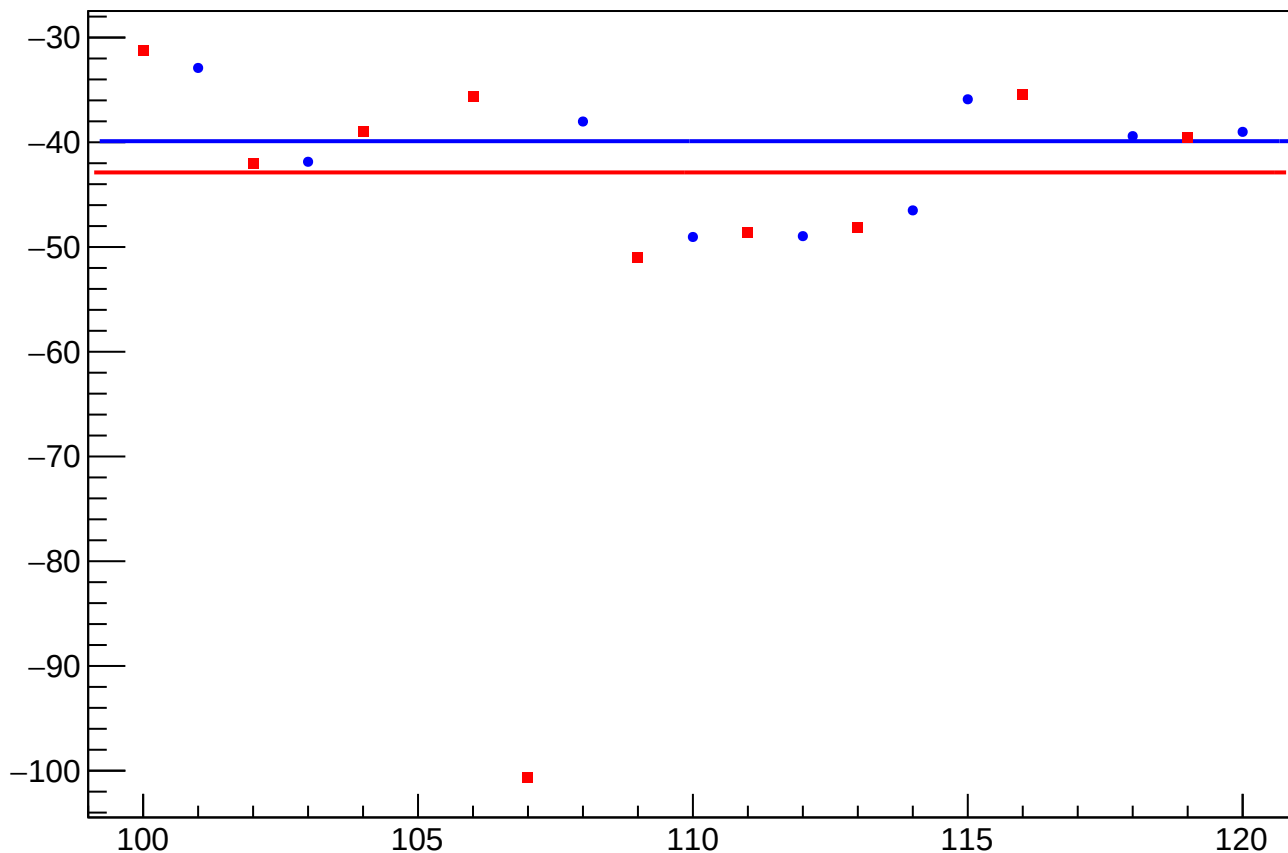
Right: 7.613+/-0.540 χ^2/NDF : 416.5/18

In: 8.090+/-0.738 χ^2/NDF : 229.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.613+/-0.540 χ^2/NDF : 416.5/18

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.895+/-0.046 χ^2/NDF : 13751.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -42.878+/-0.044 χ^2/NDF : 49992.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

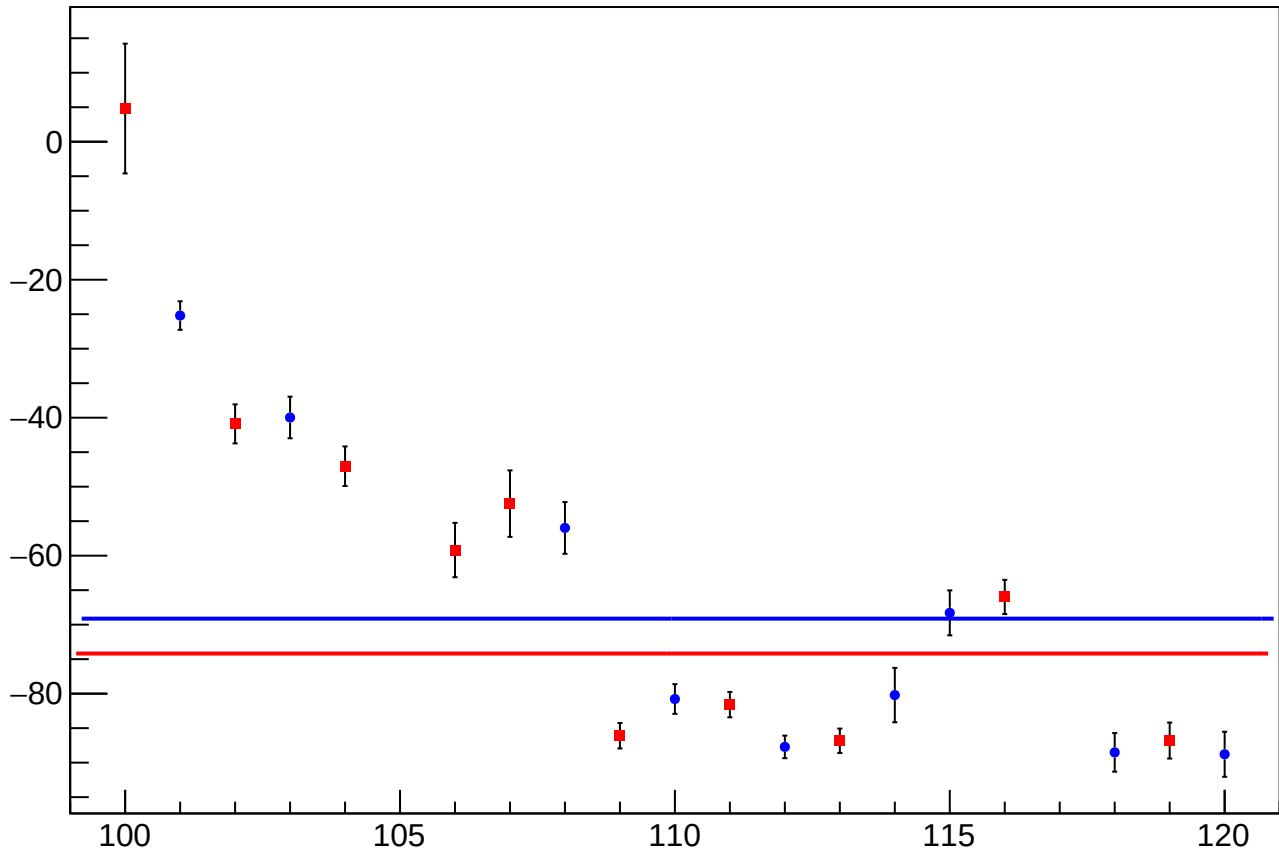
Right: -41.436+/-0.032 χ^2/NDF : 65919.7/18

In: -39.895+/-0.046 χ^2/NDF : 13751.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.436+/-0.032 χ^2/NDF : 65919.7/18

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -69.128 ± 0.850 χ^2/NDF : 806.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -74.185 ± 0.795 χ^2/NDF : 476.9/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

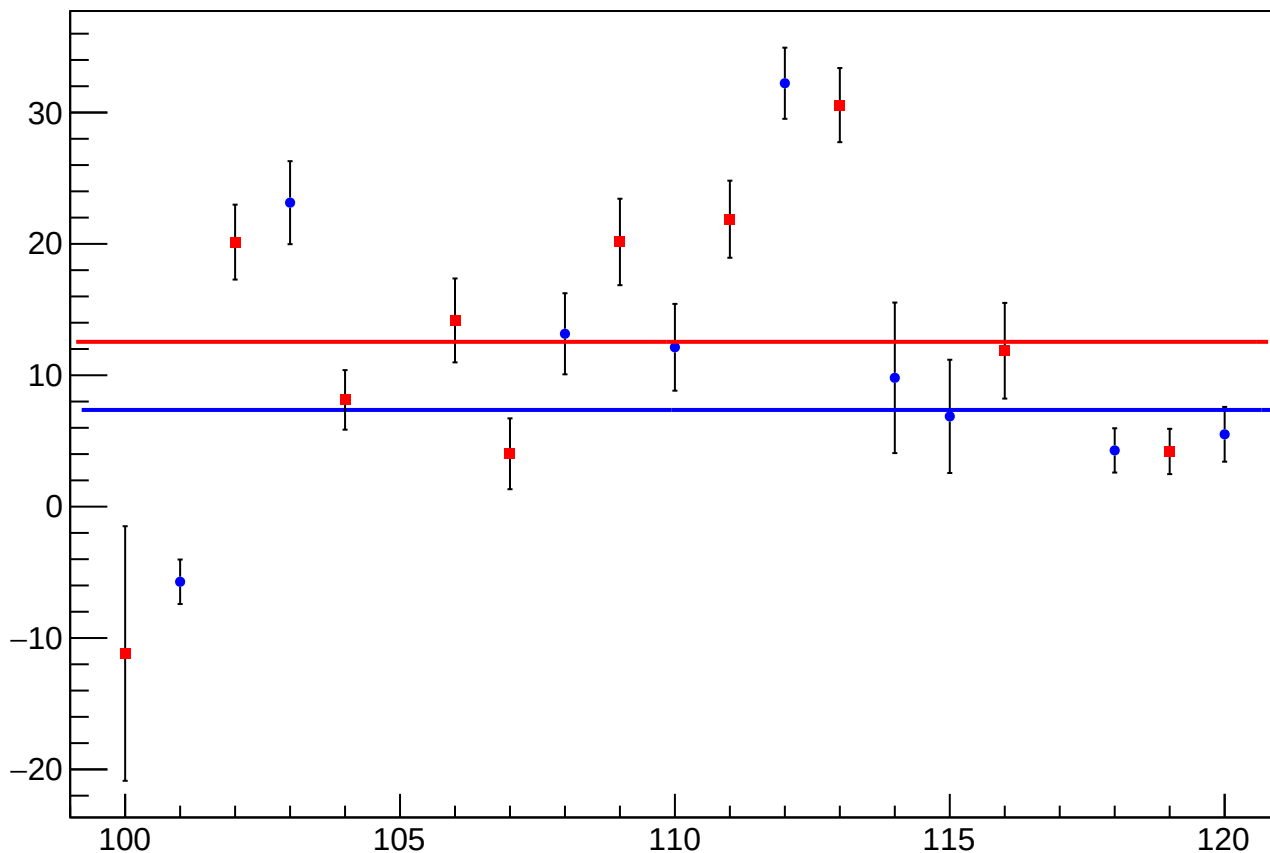
Right: -71.827 ± 0.581 χ^2/NDF : 1302.7/18

In: -69.128 ± 0.850 χ^2/NDF : 806.9/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -71.827 ± 0.581 χ^2/NDF : 1302.7/18

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.361+/-0.831 χ^2/NDF : 178.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.544+/-0.874 χ^2/NDF : 106.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

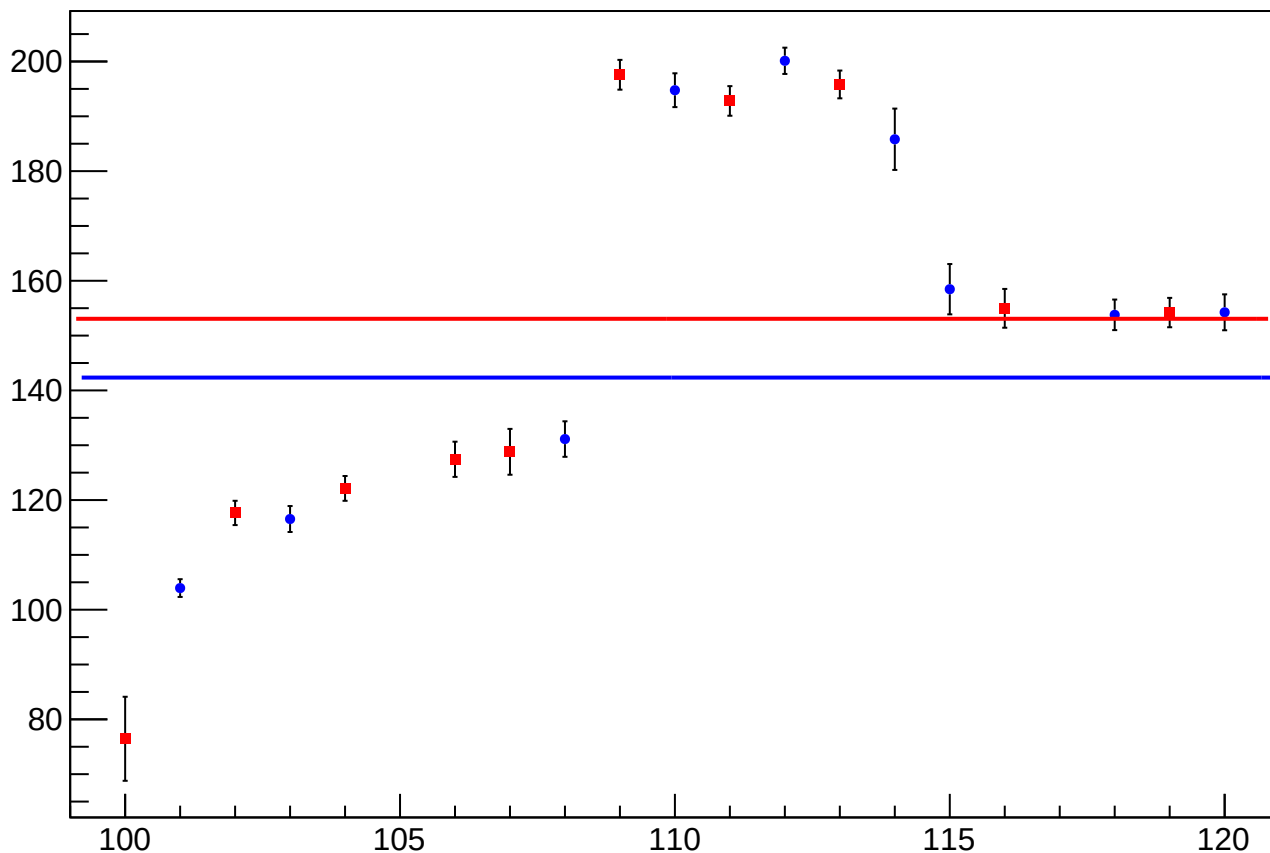
Right: 9.823+/-0.602 χ^2/NDF : 304.1/18

In: 7.361+/-0.831 χ^2/NDF : 178.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.823+/-0.602 χ^2/NDF : 304.1/18

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 142.343+/-0.900 χ^2/NDF : 1665.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.065+/-0.906 χ^2/NDF : 1409.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

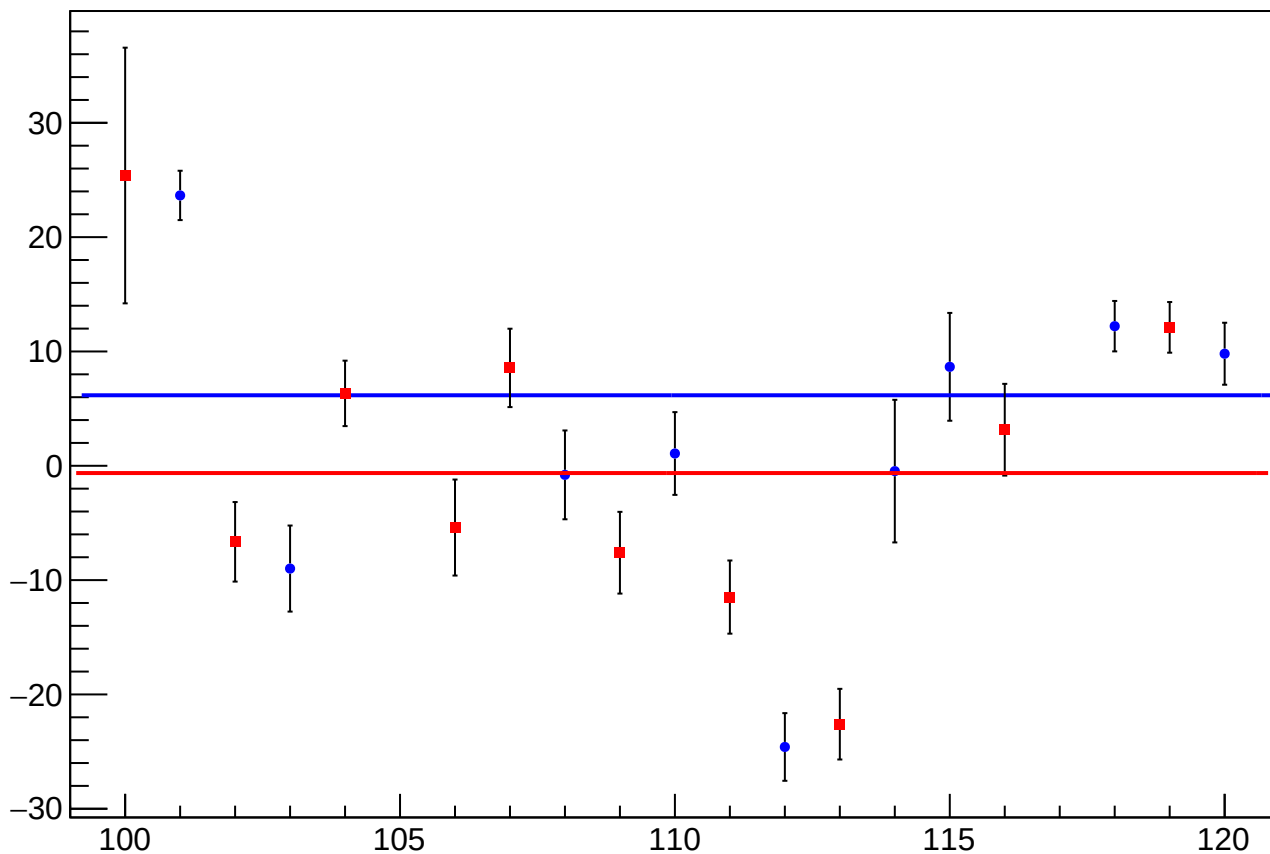
Right: 147.666+/-0.638 χ^2/NDF : 3146.1/18

In: 142.343+/-0.900 χ^2/NDF : 1665.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.666+/-0.638 χ^2/NDF : 3146.1/18

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.168+/-1.024 χ^2/NDF : 205.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.635+/-1.053 χ^2/NDF : 122.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

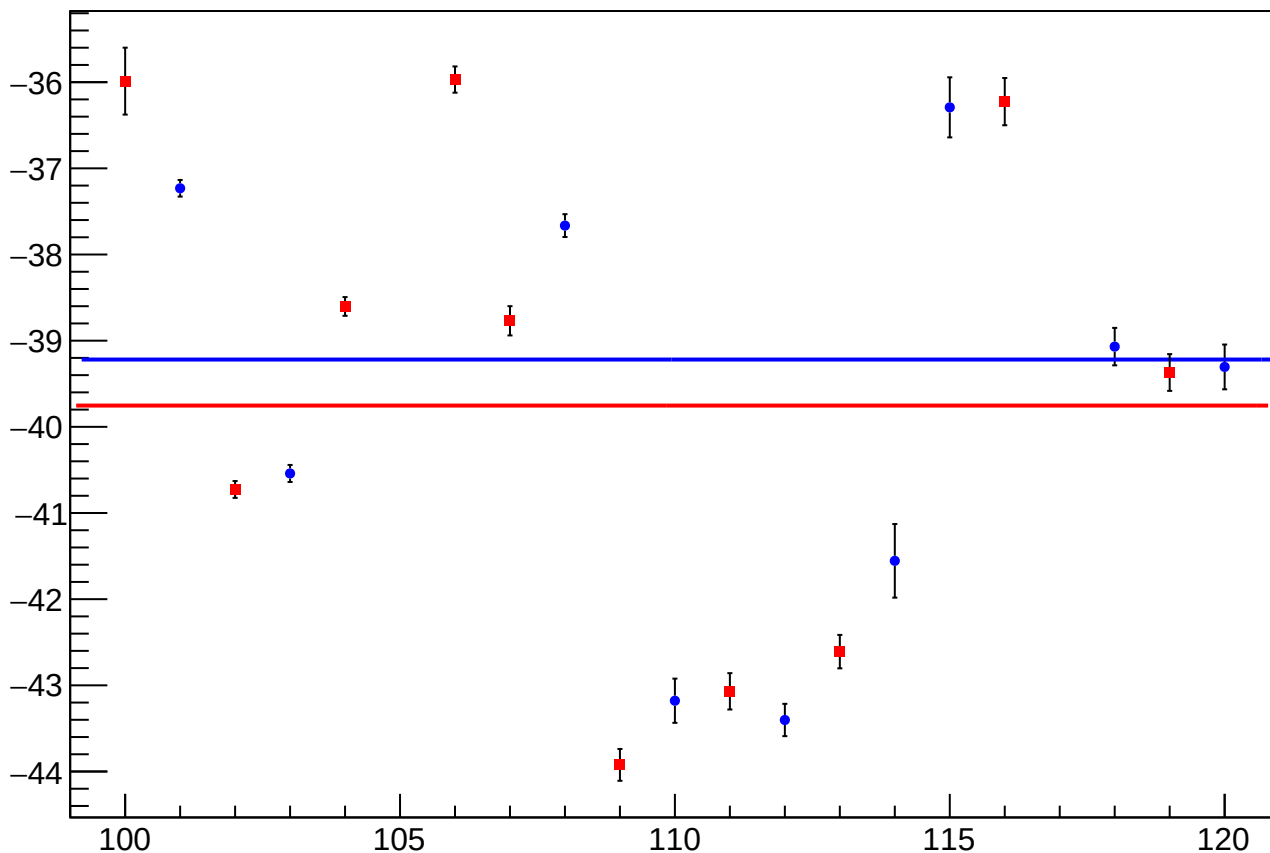
Right: 2.865+/-0.734 χ^2/NDF : 349.9/18

In: 6.168+/-1.024 χ^2/NDF : 205.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.865+/-0.734 χ^2/NDF : 349.9/18

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.219 ± 0.053 χ^2/NDF : 1576.8/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -39.753 ± 0.051 χ^2/NDF : 2098.6/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

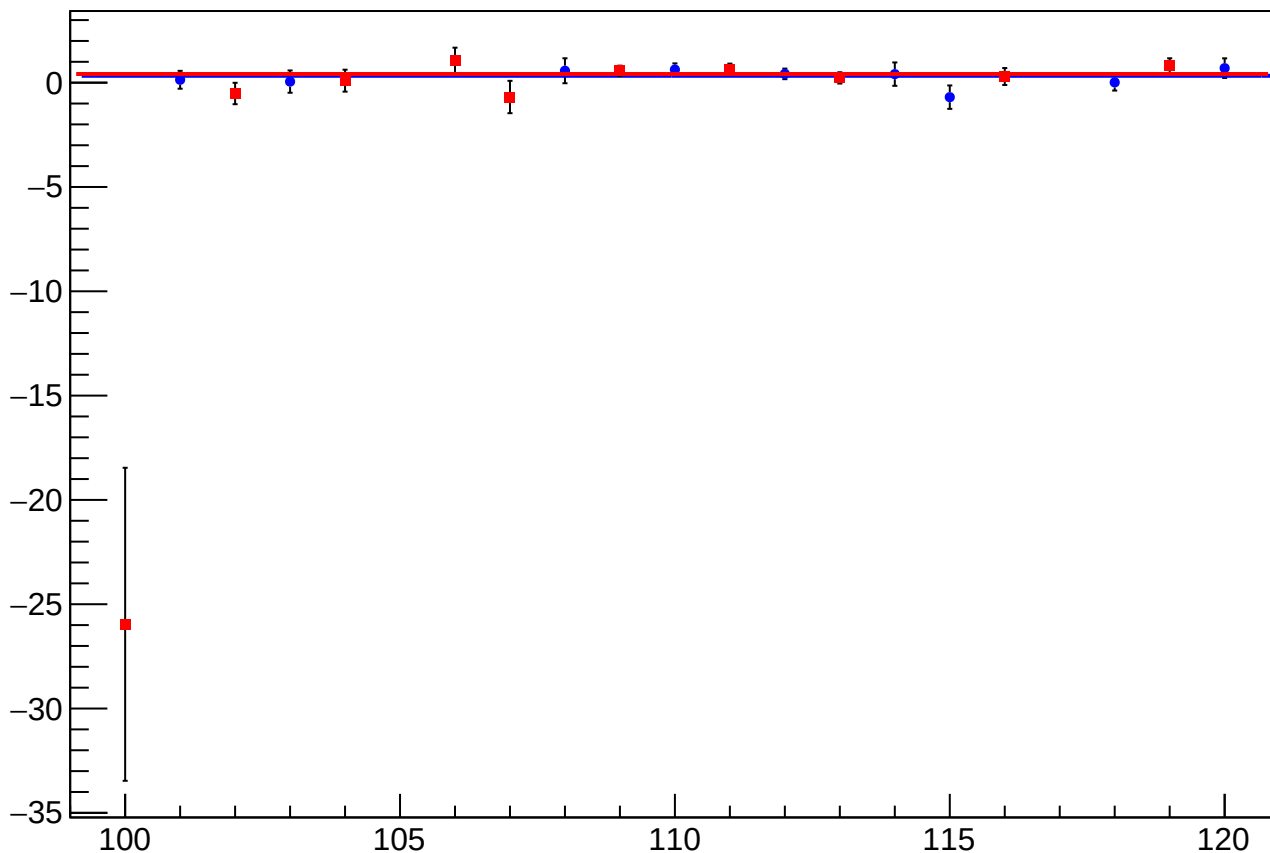
Right: -39.496 ± 0.037 χ^2/NDF : 3728.7/18

In: -39.219 ± 0.053 χ^2/NDF : 1576.8/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.496 ± 0.037 χ^2/NDF : 3728.7/18

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.330+/-0.134 χ^2/NDF : 6.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.416+/-0.120 χ^2/NDF : 22.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

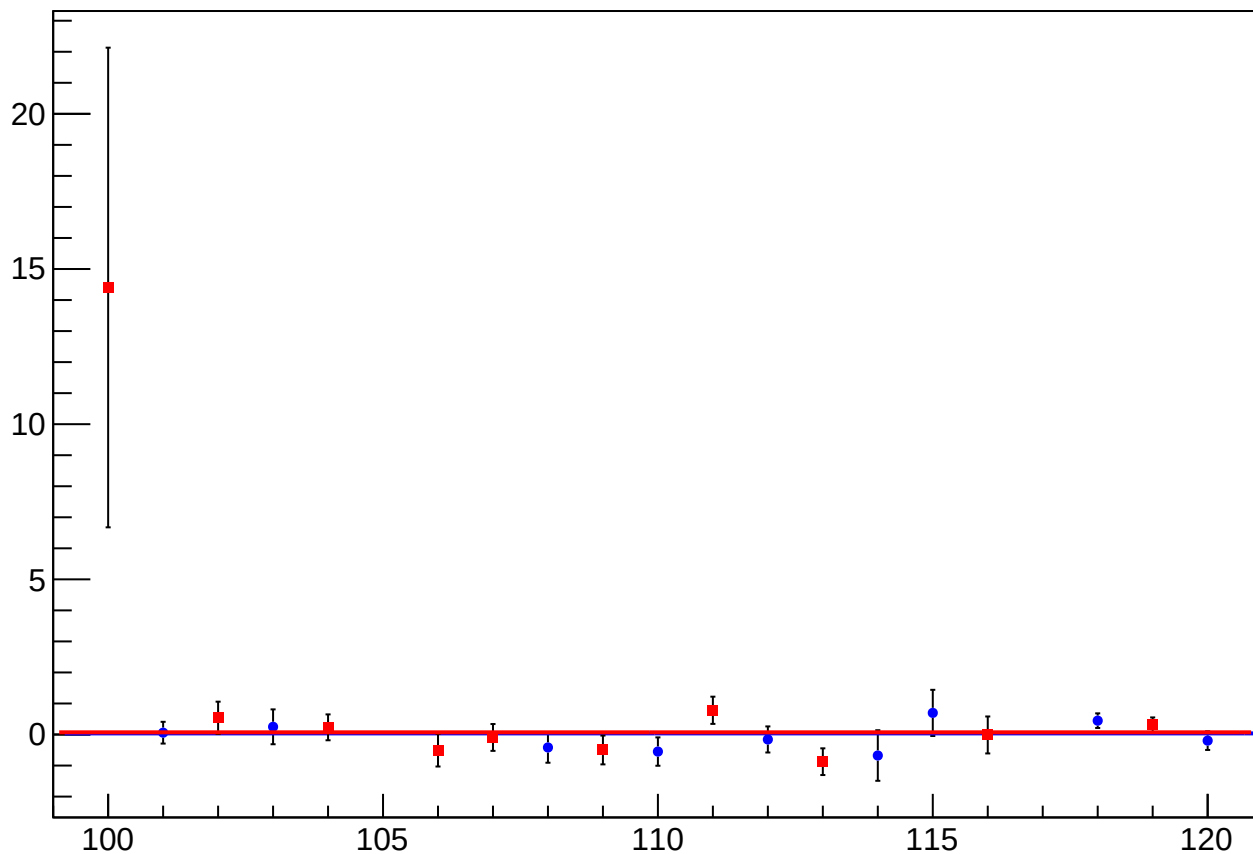
Right: 0.378+/-0.089 χ^2/NDF : 28.6/18

In: 0.330+/-0.134 χ^2/NDF : 6.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.378+/-0.089 χ^2/NDF : 28.6/18

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.036+/-0.131 χ^2/NDF : 8.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.071+/-0.135 χ^2/NDF : 15.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

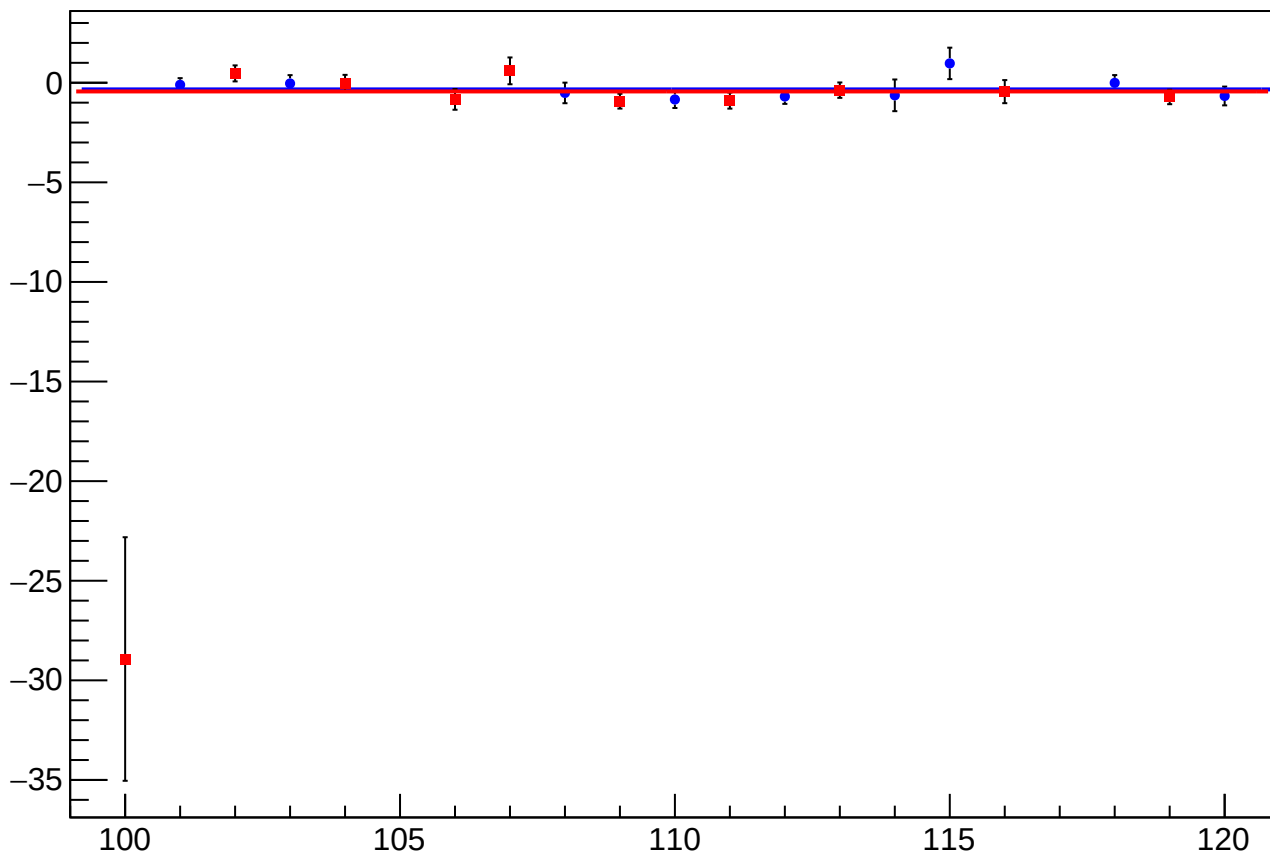
Right: 0.053+/-0.094 χ^2/NDF : 23.9/18

In: 0.036+/-0.131 χ^2/NDF : 8.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.053+/-0.094 χ^2/NDF : 23.9/18

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.334 ± 0.149 χ^2/NDF : 7.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.436 ± 0.143 χ^2/NDF : 34.4/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

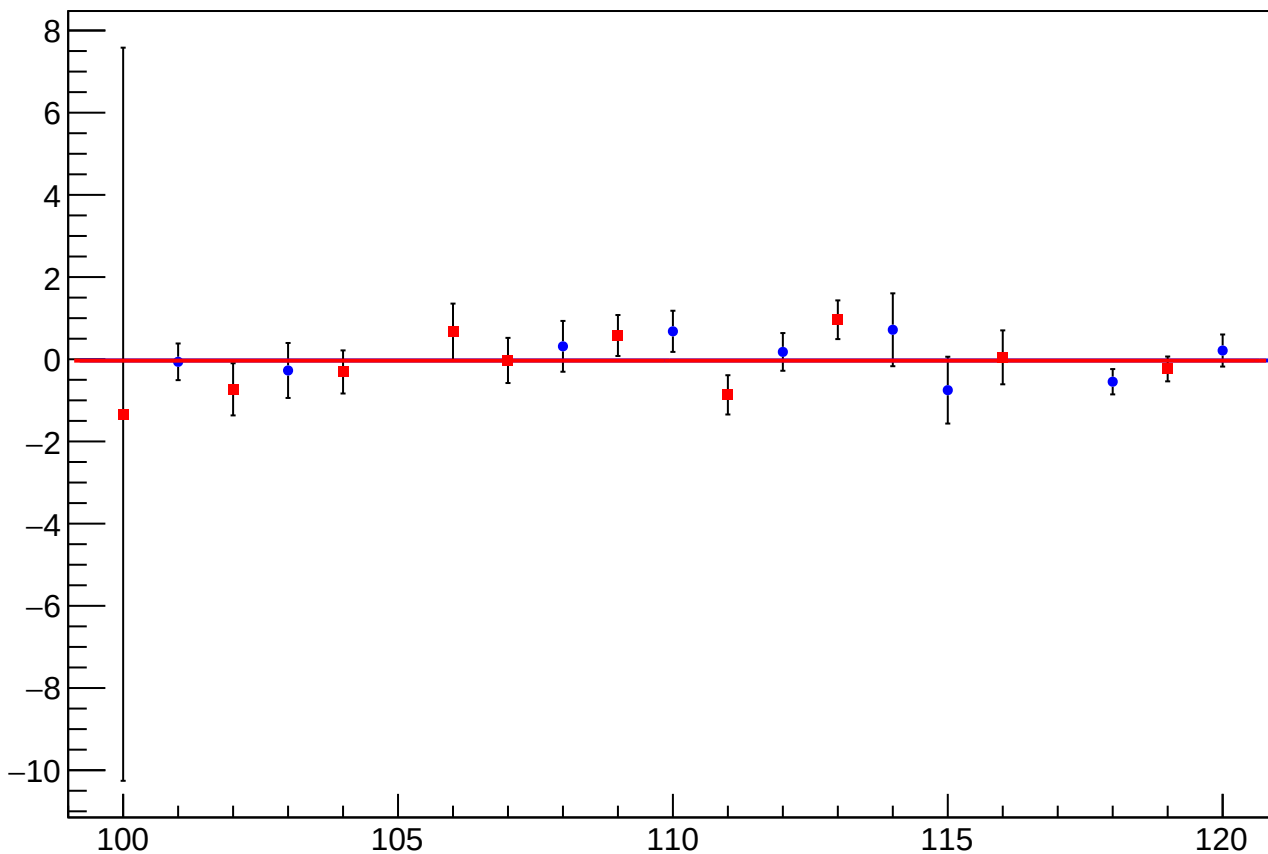
Right: -0.387 ± 0.103 χ^2/NDF : 42.1/18

In: -0.334 ± 0.149 χ^2/NDF : 7.5/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.387 ± 0.103 χ^2/NDF : 42.1/18

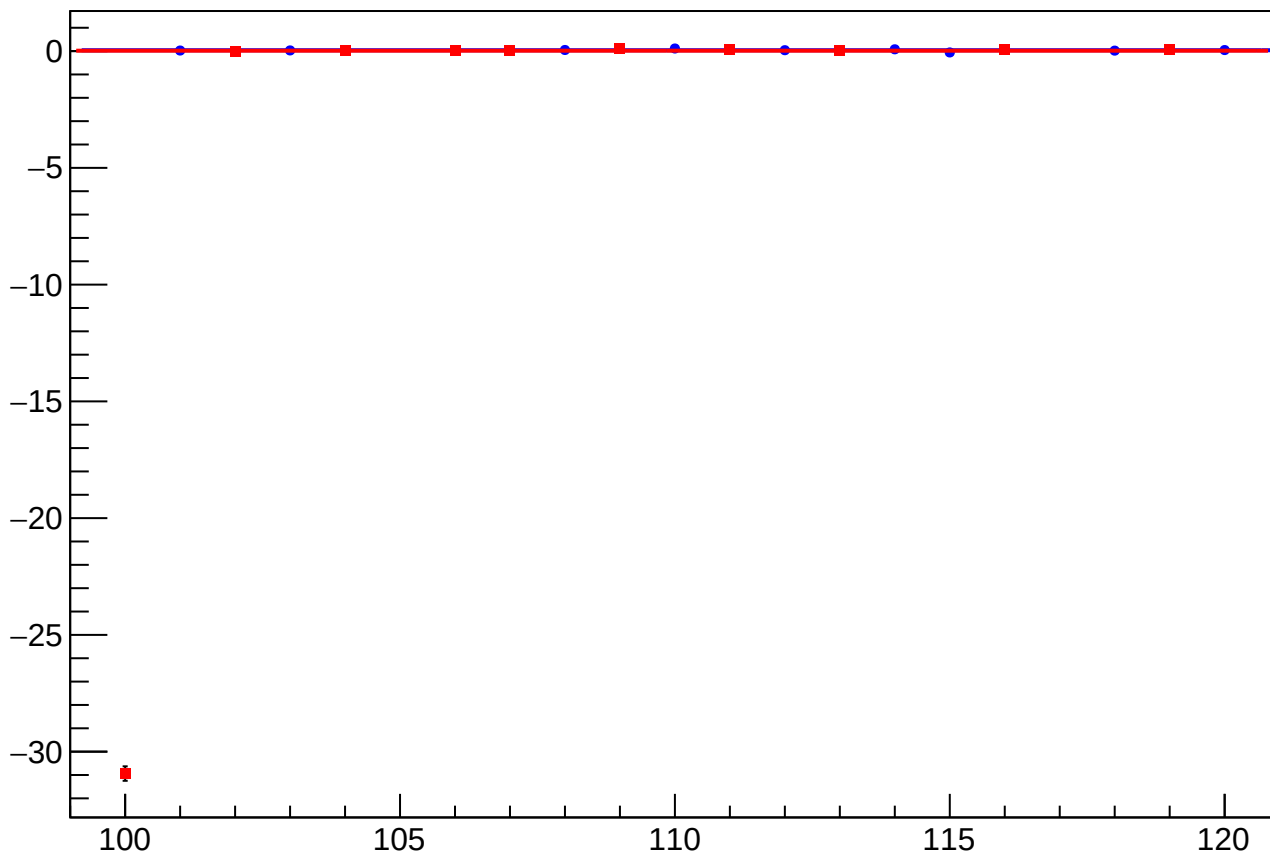
reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.029+/-0.161 χ^2/NDF : 7.4/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.034+/-0.163 χ^2/NDF : 12.0/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.031+/-0.115 χ^2/NDF : 19.4/18
 In: -0.029+/-0.161 χ^2/NDF : 7.4/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.031+/-0.115 χ^2/NDF : 19.4/18

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.038+/-0.009 χ^2/NDF : 8.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.018+/-0.008 χ^2/NDF : 10009.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

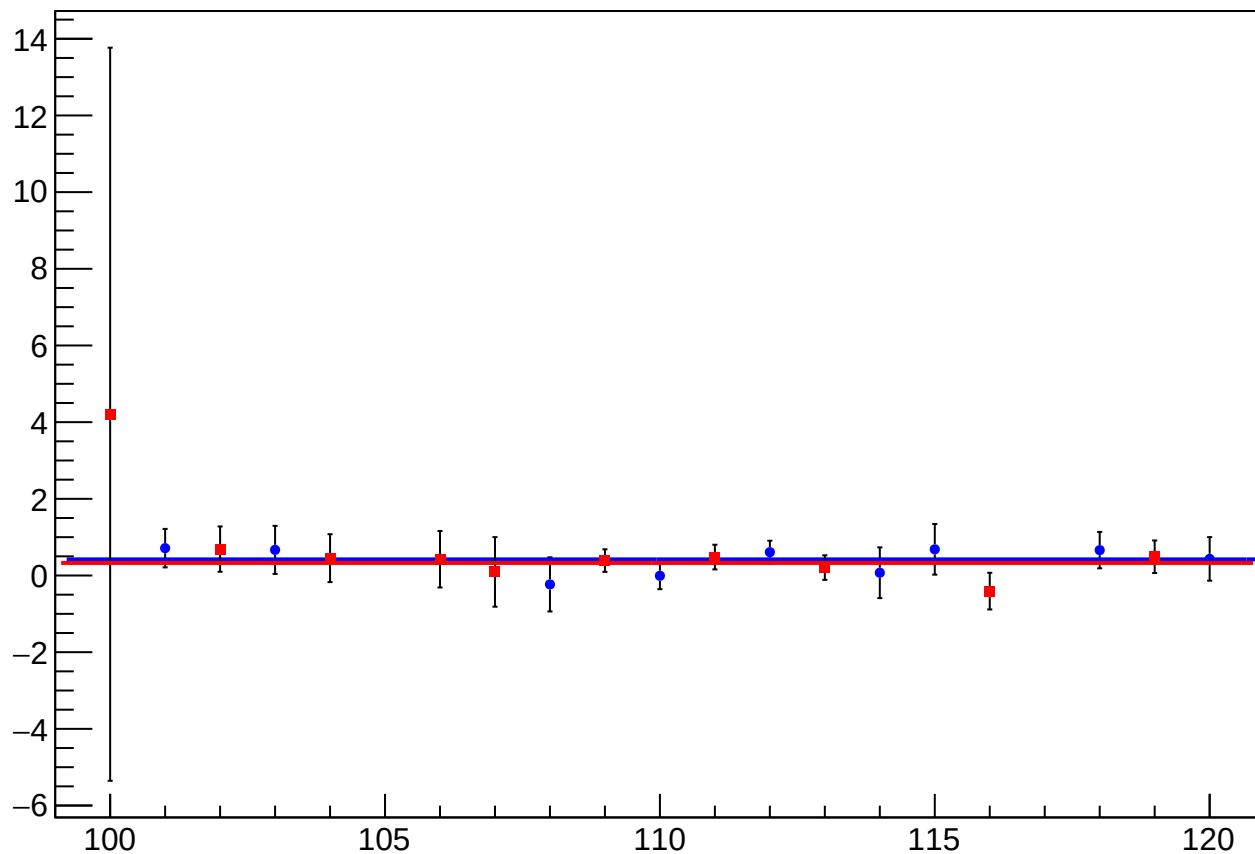
Right: 0.027+/-0.006 χ^2/NDF : 10020.0/18

In: 0.038+/-0.009 χ^2/NDF : 8.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.027+/-0.006 χ^2/NDF : 10020.0/18

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.421+/-0.158 χ^2/NDF : 3.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.328+/-0.142 χ^2/NDF : 3.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

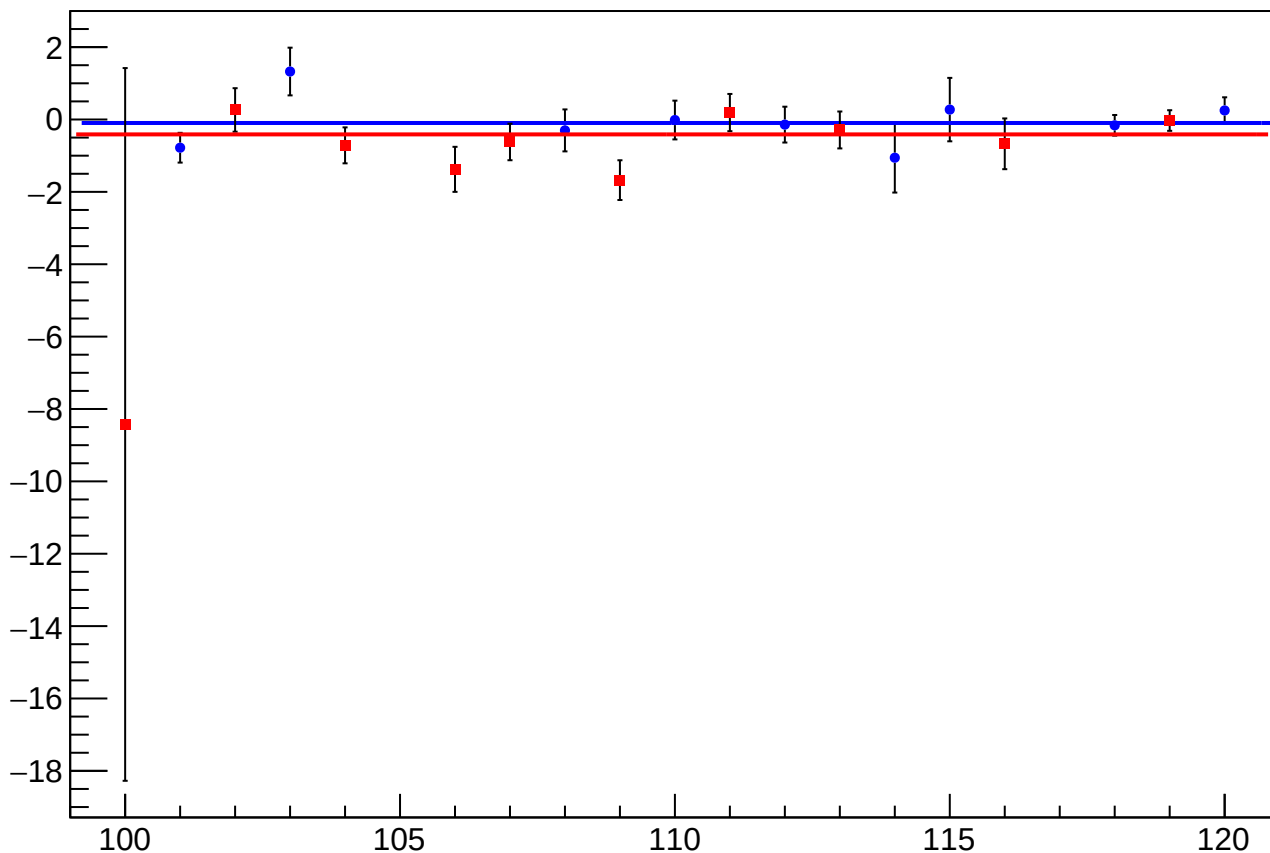
Right: 0.369+/-0.106 χ^2/NDF : 7.7/18

In: 0.421+/-0.158 χ^2/NDF : 3.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.369+/-0.106 χ^2/NDF : 7.7/18

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.096 ± 0.156 χ^2/NDF : 9.7/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.412 ± 0.161 χ^2/NDF : 13.6/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

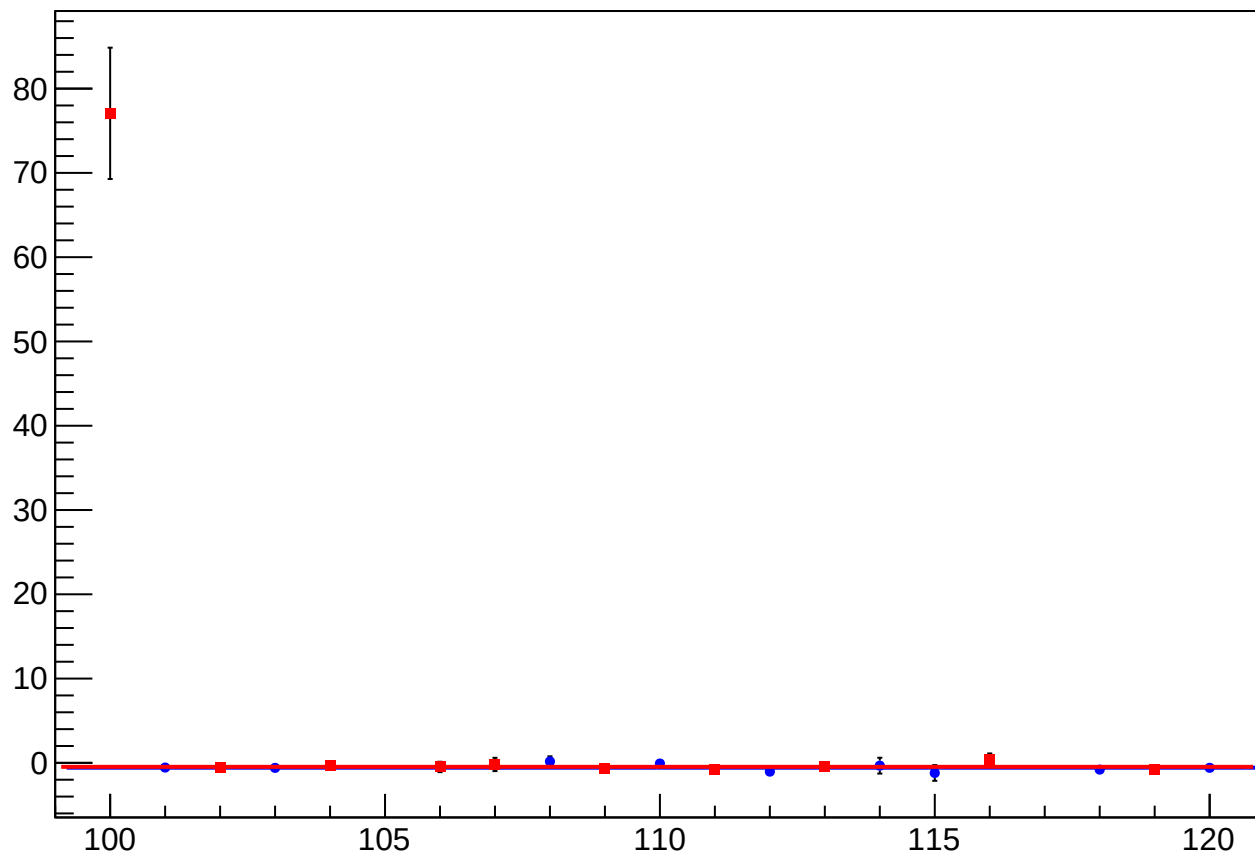
Right: -0.249 ± 0.112 χ^2/NDF : 25.2/18

In: -0.096 ± 0.156 χ^2/NDF : 9.7/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.249 ± 0.112 χ^2/NDF : 25.2/18

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.573 ± 0.176 χ^2/NDF : 4.3/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.473 ± 0.170 χ^2/NDF : 102.2/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

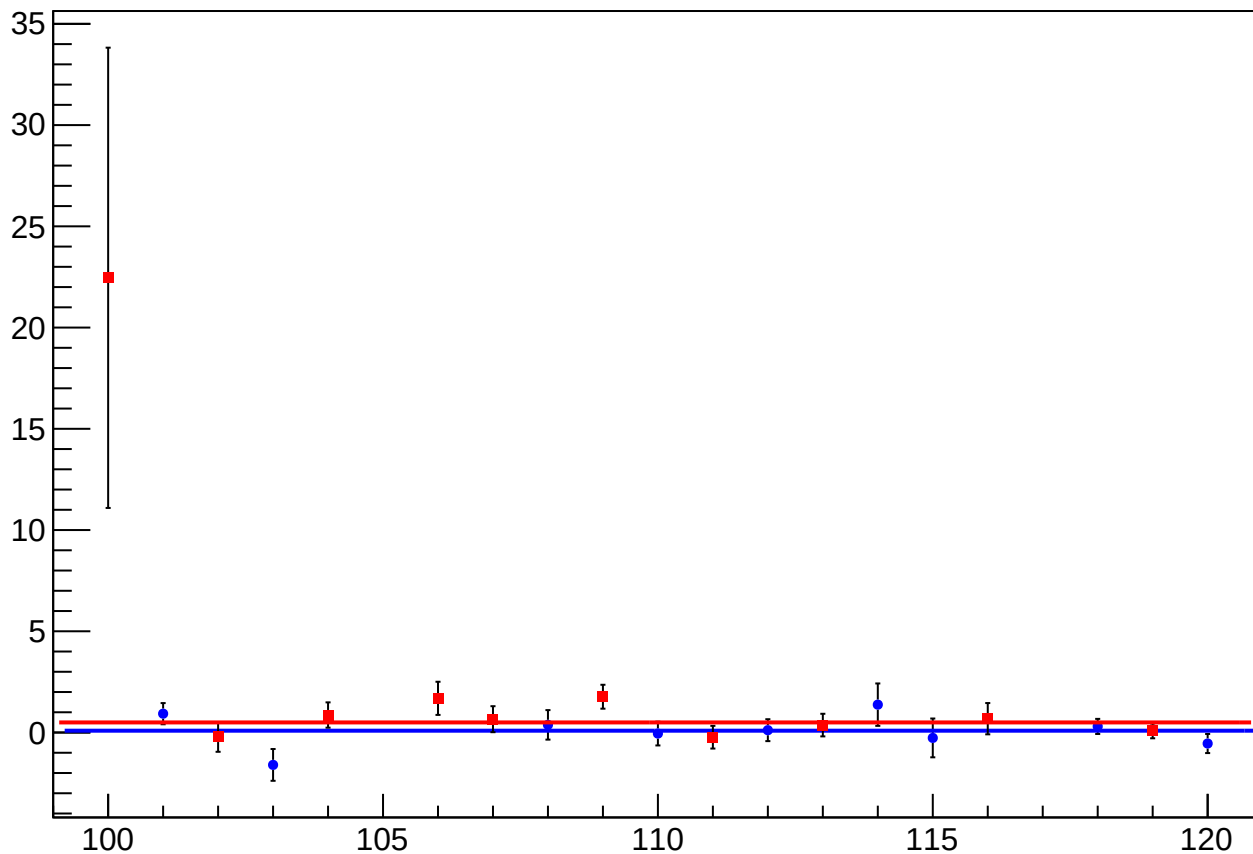
Right: -0.521 ± 0.122 χ^2/NDF : 106.7/18

In: -0.573 ± 0.176 χ^2/NDF : 4.3/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.521 ± 0.122 χ^2/NDF : 106.7/18

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.090+/-0.192 χ^2/NDF : 11.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.498+/-0.193 χ^2/NDF : 15.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

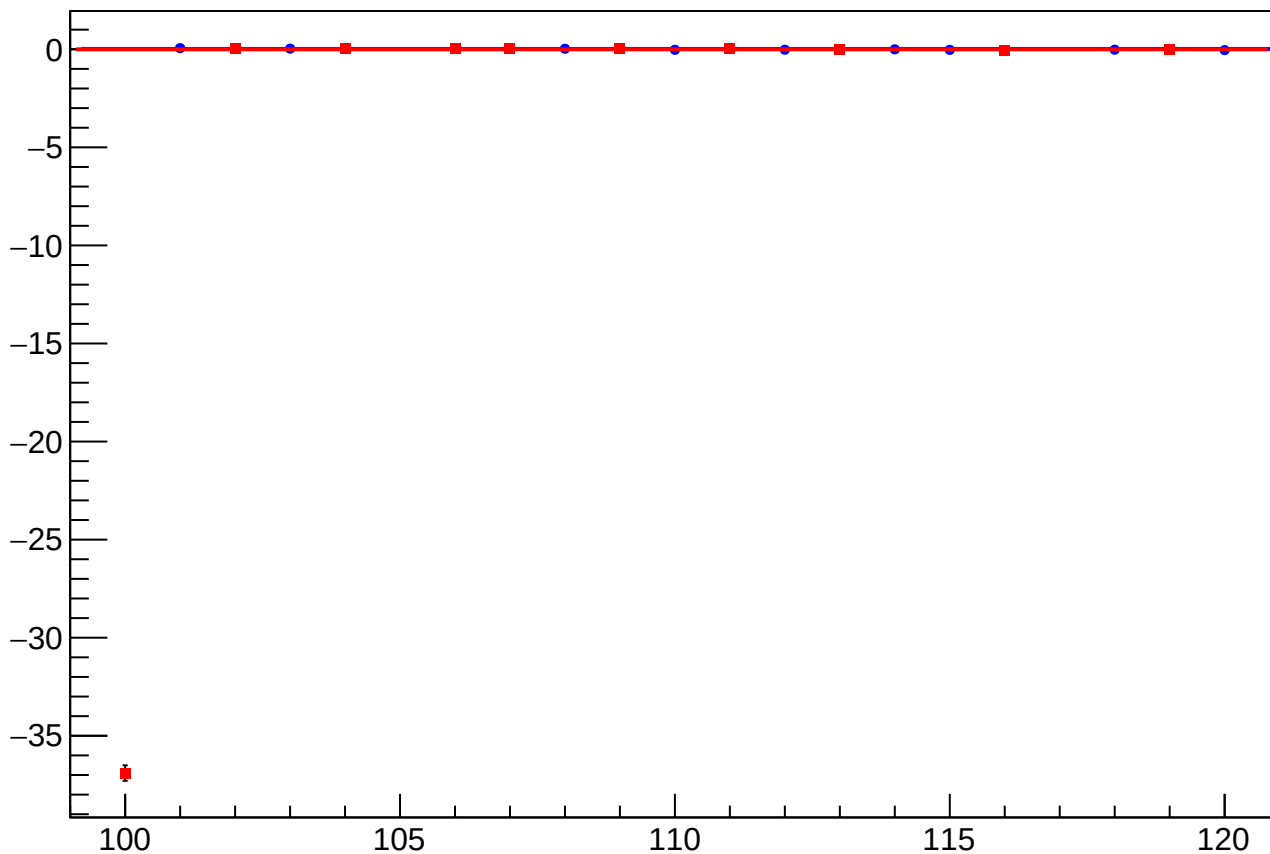
Right: 0.293+/-0.136 χ^2/NDF : 28.4/18

In: 0.090+/-0.192 χ^2/NDF : 11.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.293+/-0.136 χ^2/NDF : 28.4/18

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.016+/-0.011 χ^2/NDF : 9.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.002+/-0.010 χ^2/NDF : 8745.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

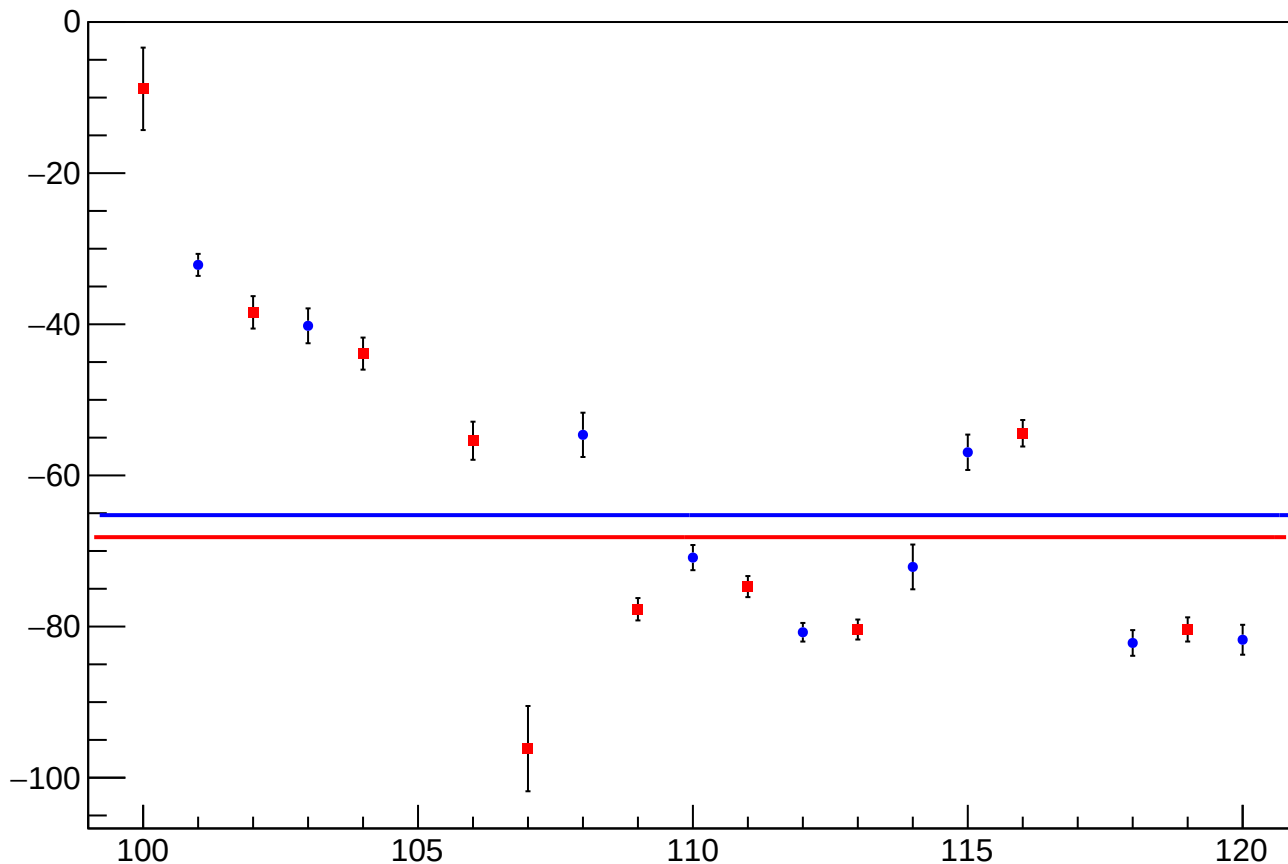
Right: 0.007+/-0.007 χ^2/NDF : 8756.3/18

In: 0.016+/-0.011 χ^2/NDF : 9.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.007 χ^2/NDF : 8756.3/18

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -65.256+/-0.609 χ^2/NDF : 1003.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -68.170+/-0.585 χ^2/NDF : 760.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

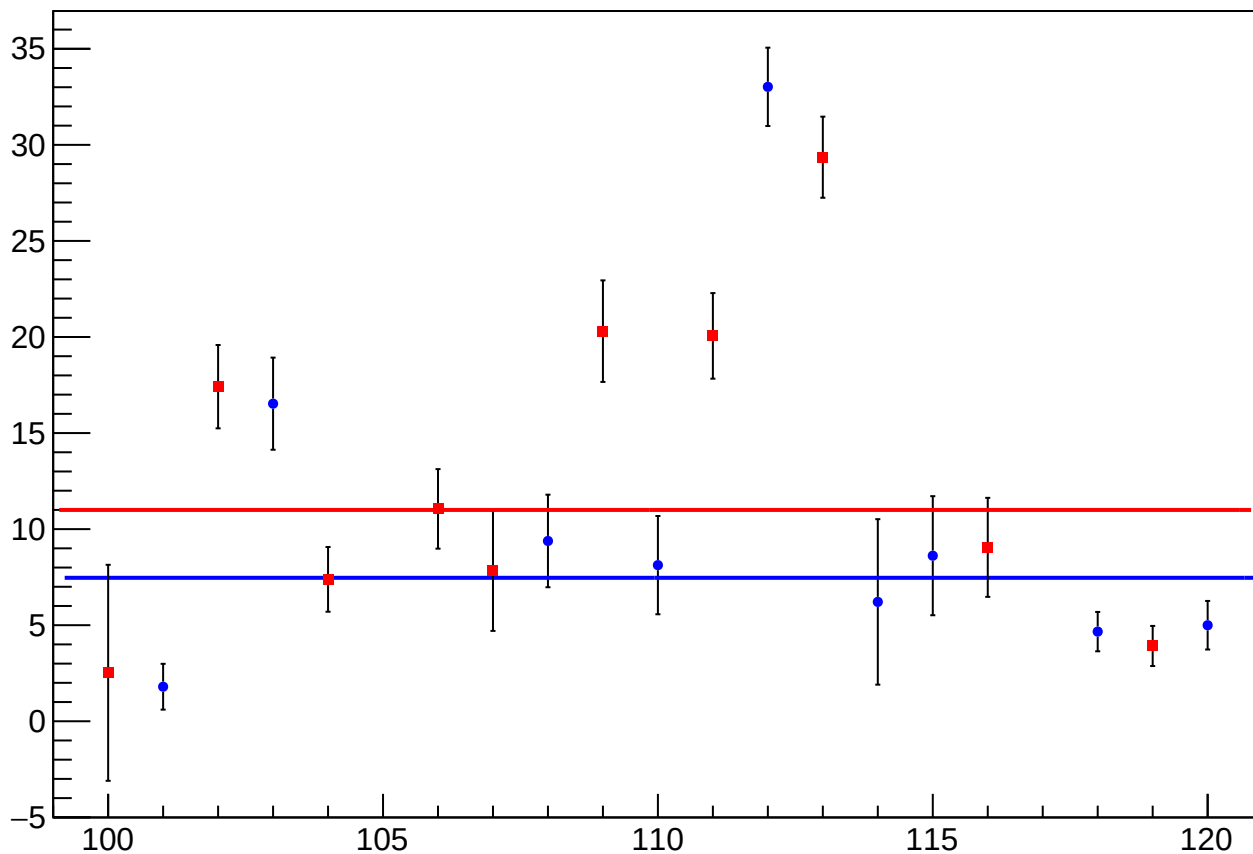
Right: -66.772+/-0.422 χ^2/NDF : 1776.1/18

In: -65.256+/-0.609 χ^2/NDF : 1003.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -66.772+/-0.422 χ^2/NDF : 1776.1/18

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.467+/-0.561 χ^2/NDF : 206.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.999+/-0.624 χ^2/NDF : 167.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

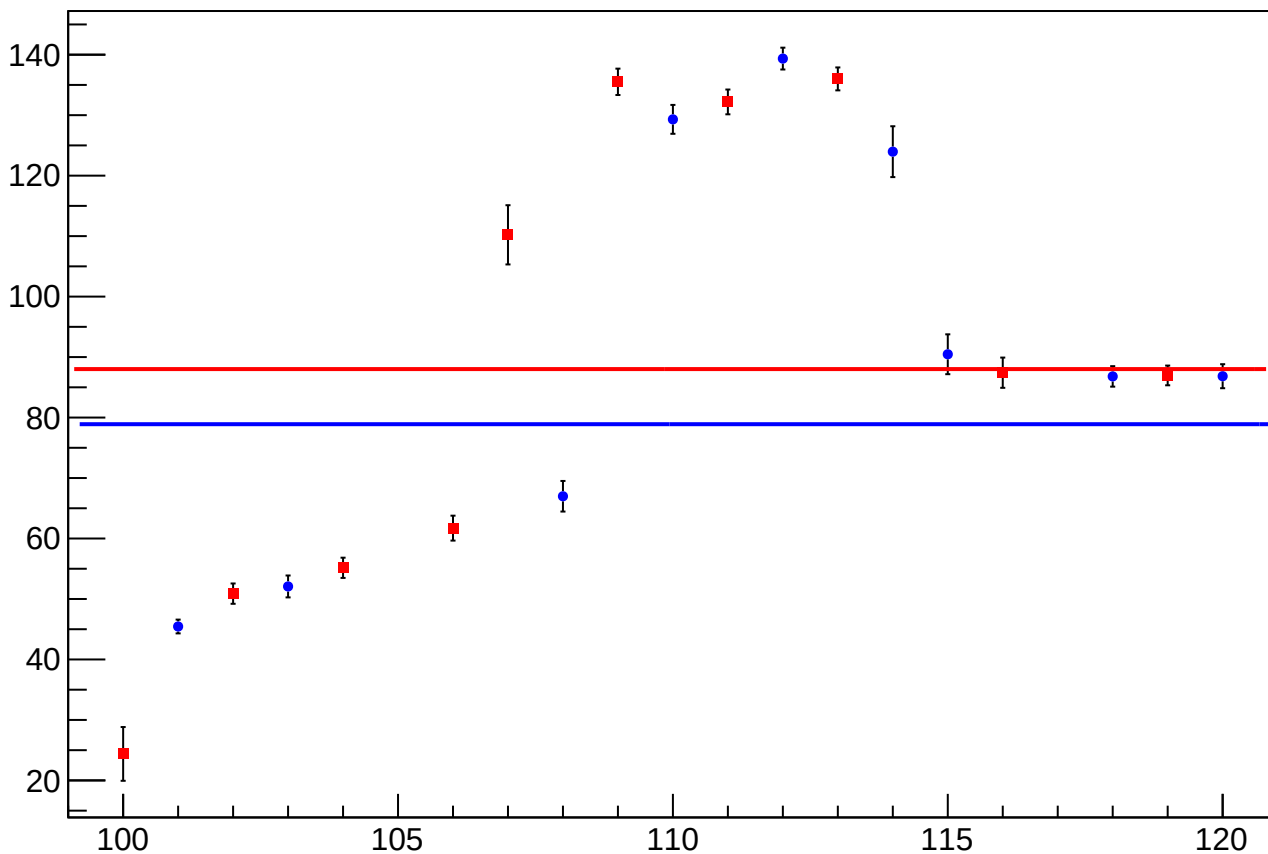
Right: 9.045+/-0.417 χ^2/NDF : 391.8/18

In: 7.467+/-0.561 χ^2/NDF : 206.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.045+/-0.417 χ^2/NDF : 391.8/18

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 78.901+/-0.637 χ^2/NDF : 2835.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.015+/-0.659 χ^2/NDF : 2843.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

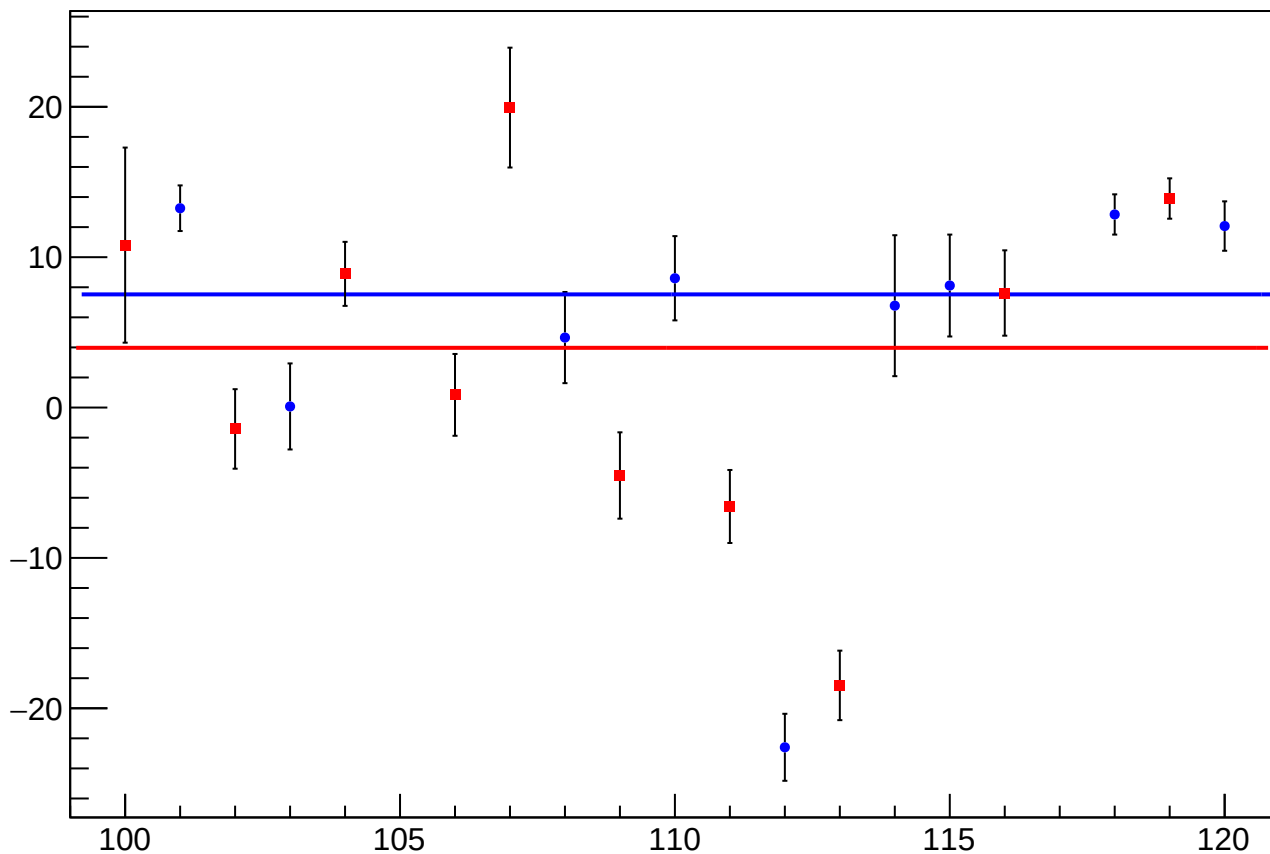
Right: 83.303+/-0.458 χ^2/NDF : 5777.6/18

In: 78.901+/-0.637 χ^2/NDF : 2835.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.303+/-0.458 χ^2/NDF : 5777.6/18

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.526+/-0.698 χ^2/NDF : 228.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.973+/-0.757 χ^2/NDF : 206.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

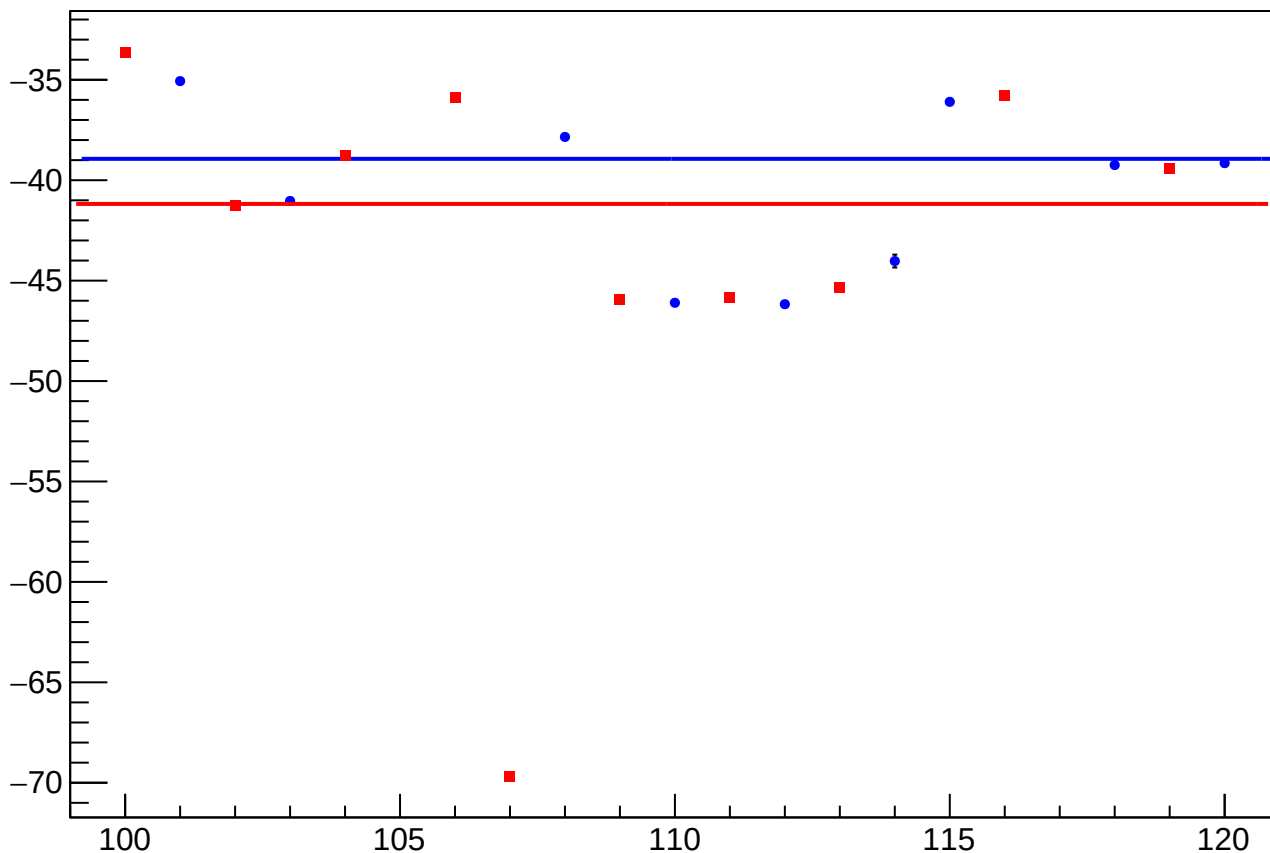
Right: 5.895+/-0.513 χ^2/NDF : 446.6/18

In: 7.526+/-0.698 χ^2/NDF : 228.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.895+/-0.513 χ^2/NDF : 446.6/18

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.935+/-0.038 χ^2/NDF : 8442.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -41.180+/-0.038 χ^2/NDF : 29204.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

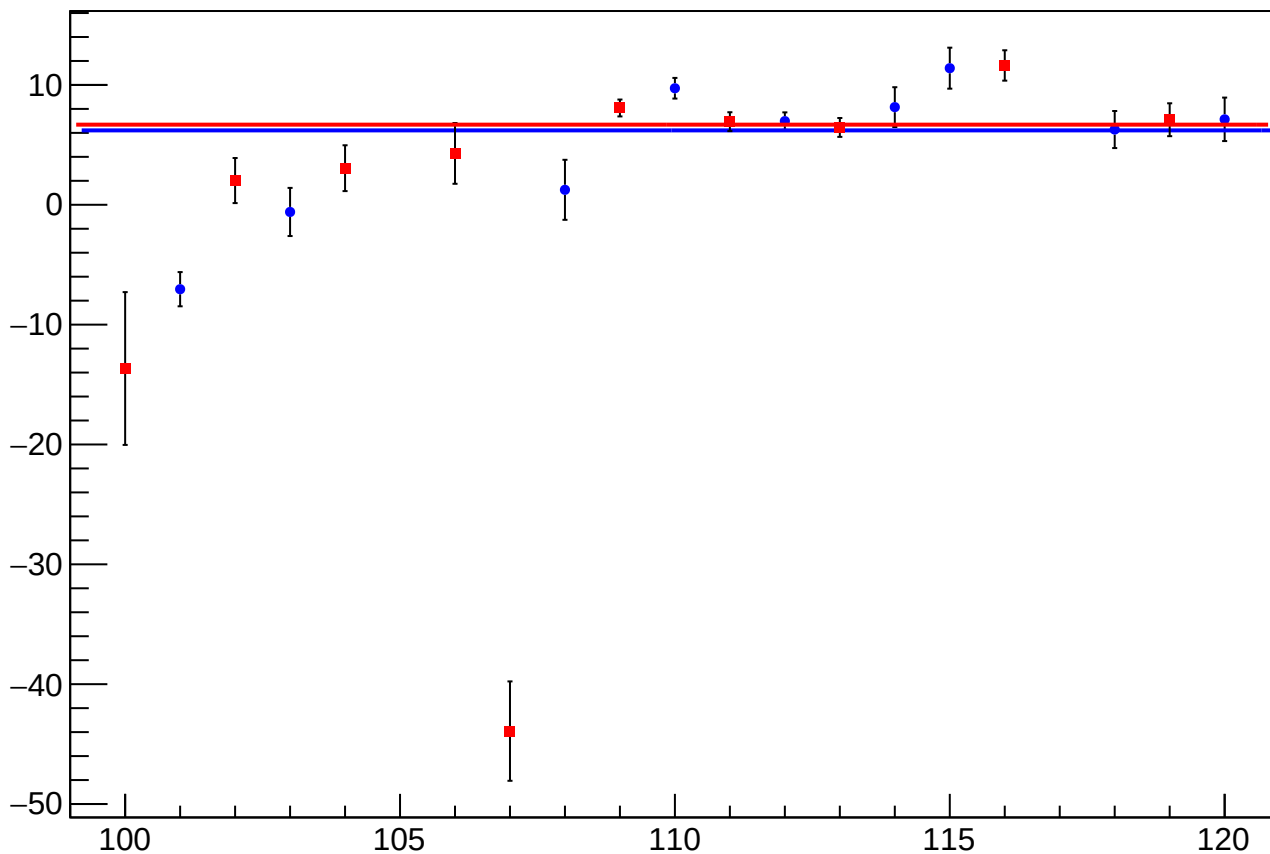
Right: -40.076+/-0.027 χ^2/NDF : 39396.9/18

In: -38.935+/-0.038 χ^2/NDF : 8442.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.076+/-0.027 χ^2/NDF : 39396.9/18

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 6.208+/-0.424 χ^2/NDF : 130.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.686+/-0.373 χ^2/NDF : 189.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

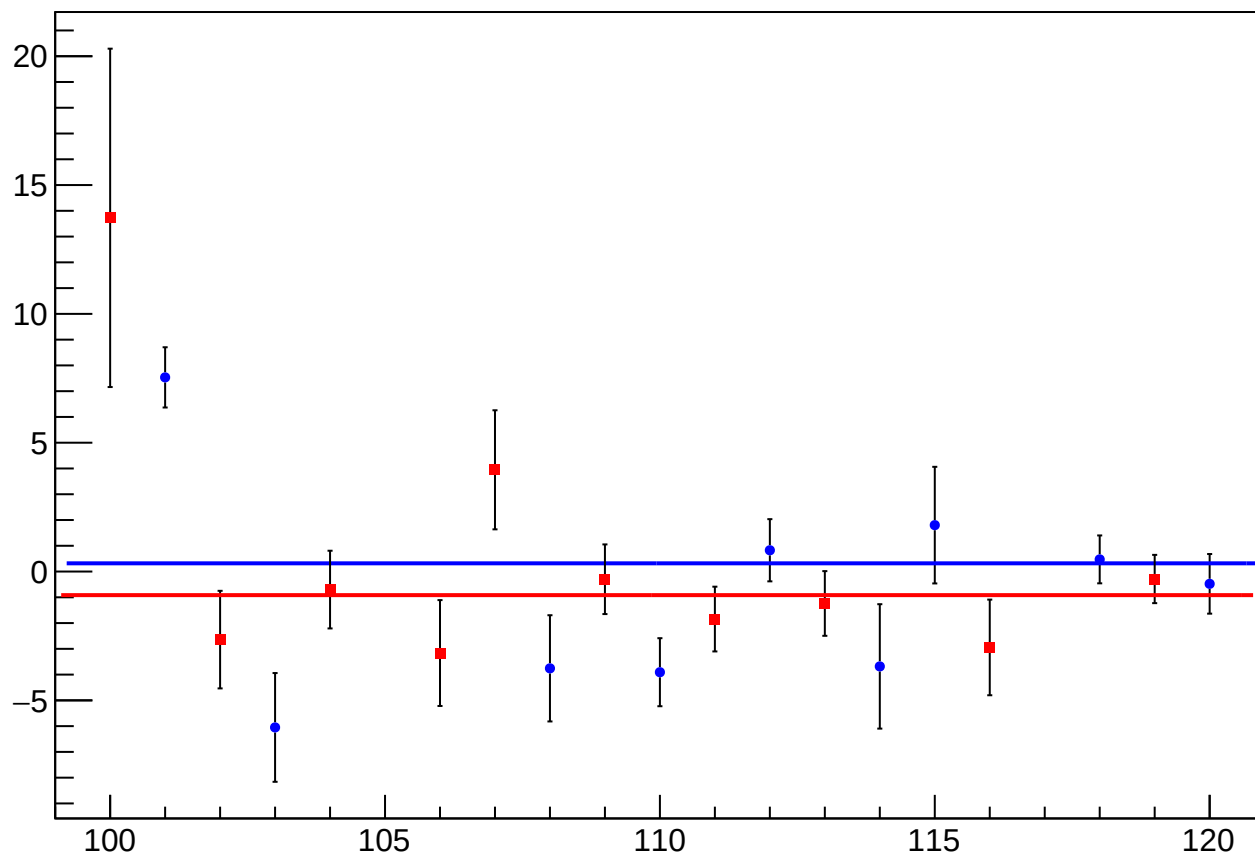
Right: 6.478+/-0.280 χ^2/NDF : 320.0/18

In: 6.208+/-0.424 χ^2/NDF : 130.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.478+/-0.280 χ^2/NDF : 320.0/18

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.319+/-0.460 χ^2/NDF : 65.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.916+/-0.476 χ^2/NDF : 13.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

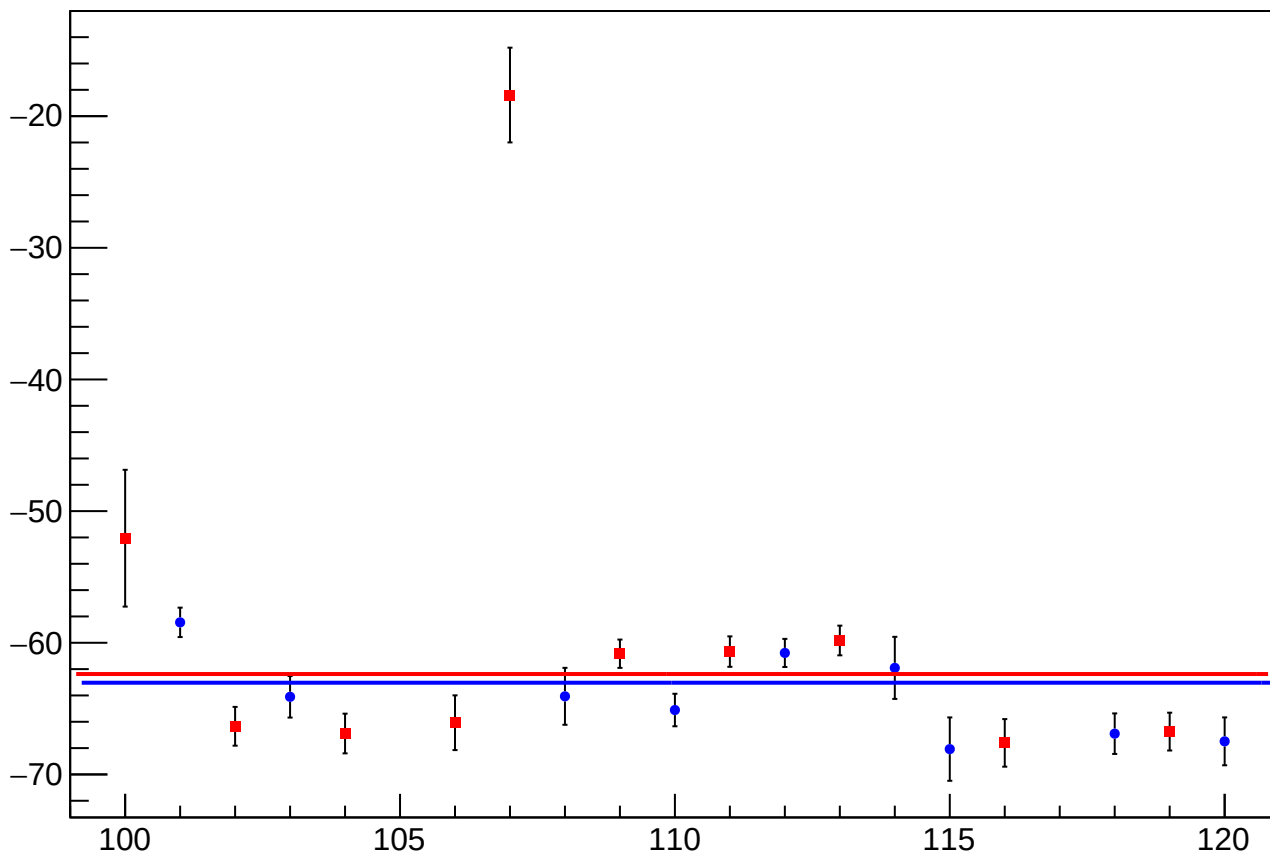
Right: -0.277+/-0.331 χ^2/NDF : 82.6/18

In: 0.319+/-0.460 χ^2/NDF : 65.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.277+/-0.331 χ^2/NDF : 82.6/18

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -63.034 $\pm$ 0.498 χ^2 /NDF: 41.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -62.373 $\pm$ 0.475 χ^2 /NDF: 199.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

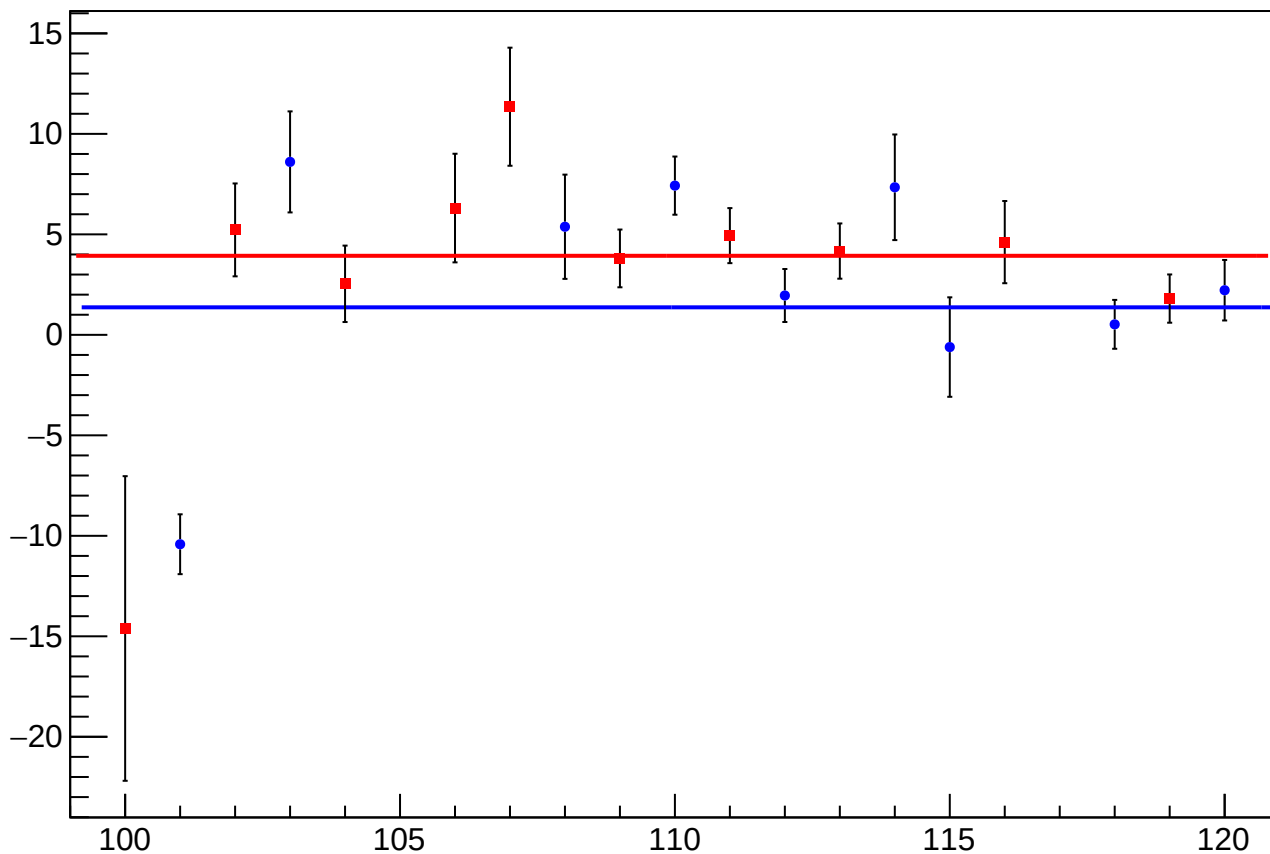
Right: -62.688 $\pm$ 0.344 χ^2 /NDF: 242.4/18

In: -63.034 $\pm$ 0.498 χ^2 /NDF: 41.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -62.688 $\pm$ 0.344 χ^2 /NDF: 242.4/18

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.369+/-0.556 χ^2/NDF : 97.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.933+/-0.558 χ^2/NDF : 17.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

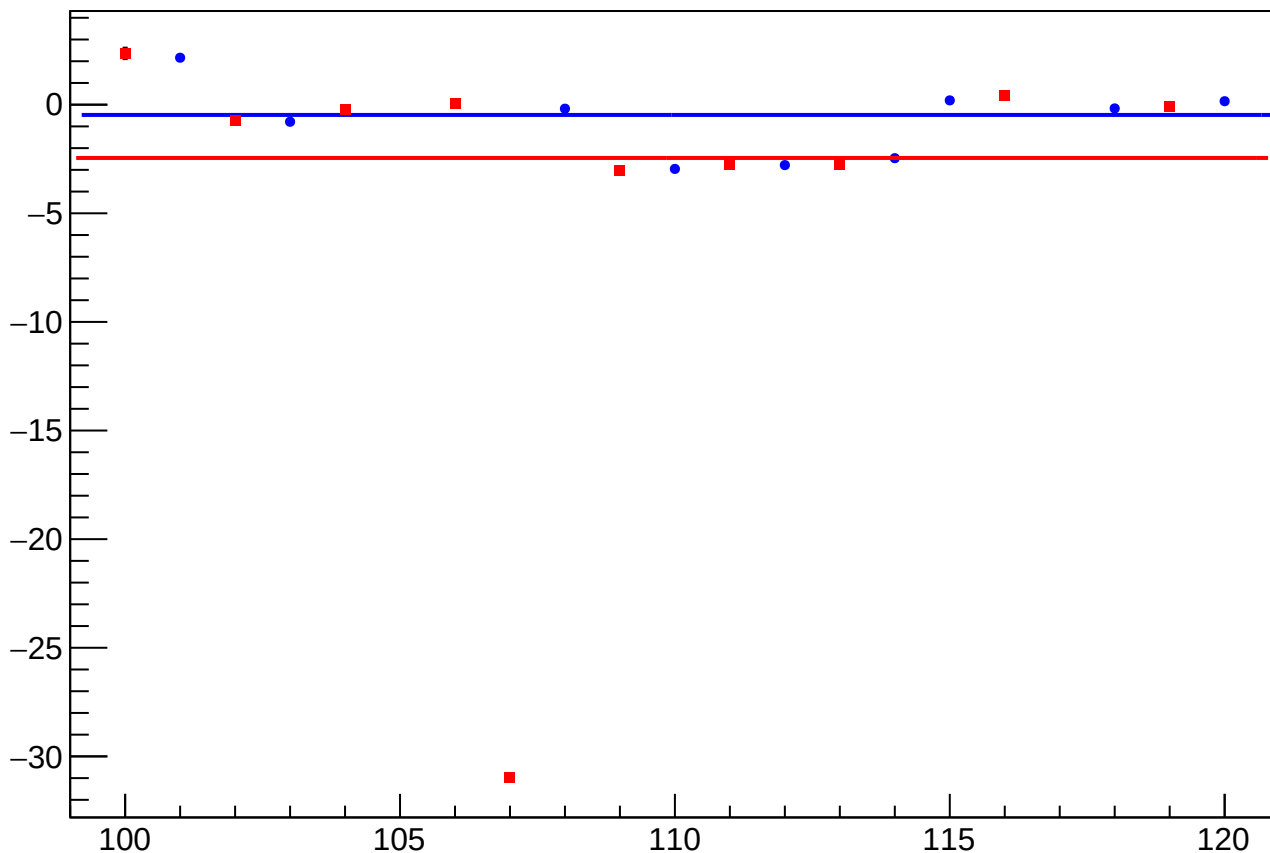
Right: 2.647+/-0.394 χ^2/NDF : 126.1/18

In: 1.369+/-0.556 χ^2/NDF : 97.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.647+/-0.394 χ^2/NDF : 126.1/18

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.472 ± 0.032 χ^2/NDF : 3105.3/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.452 ± 0.030 χ^2/NDF : 41658.3/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

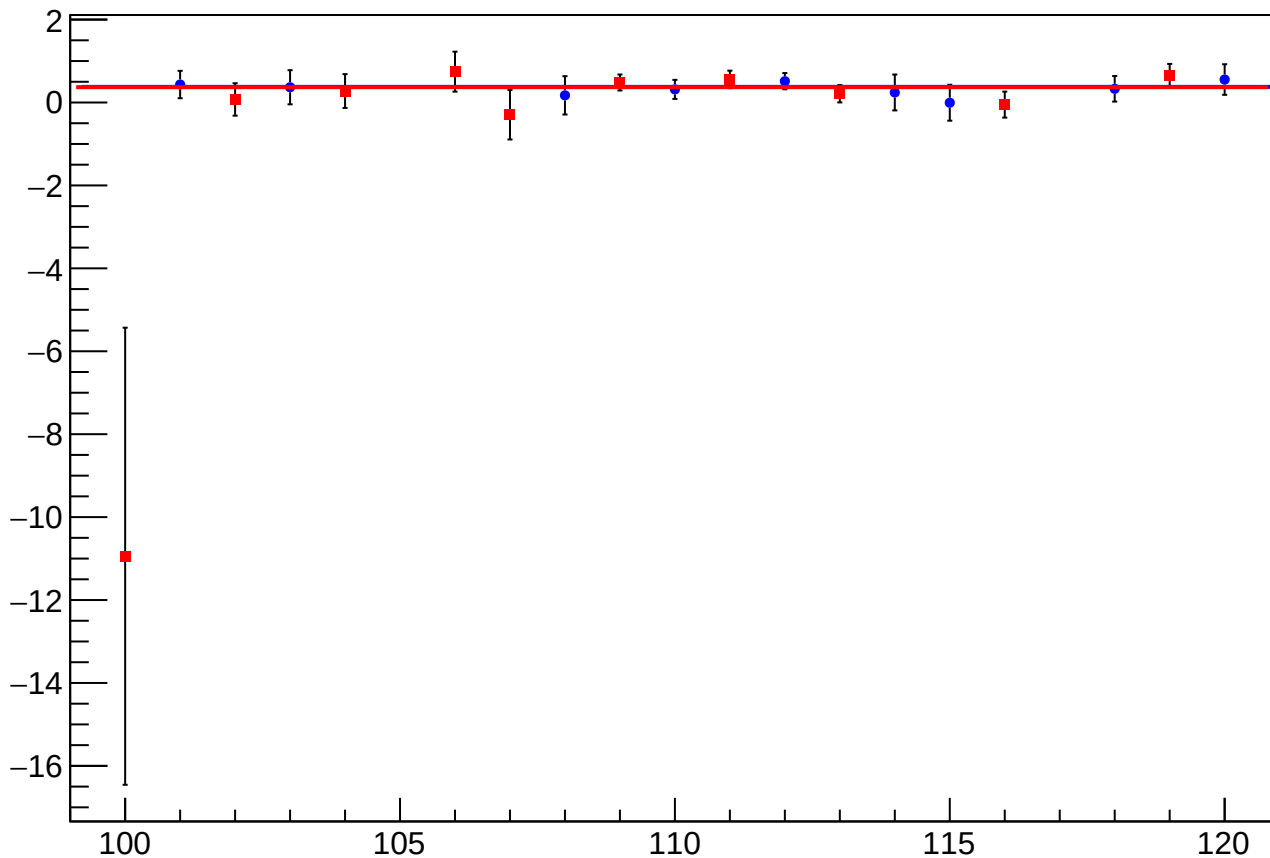
Right: -1.523 ± 0.022 χ^2/NDF : 46845.9/18

In: -0.472 ± 0.032 χ^2/NDF : 3105.3/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.523 ± 0.022 χ^2/NDF : 46845.9/18

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.377 $\pm$ 0.103 χ^2 /NDF: 1.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.370 $\pm$ 0.093 χ^2 /NDF: 11.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

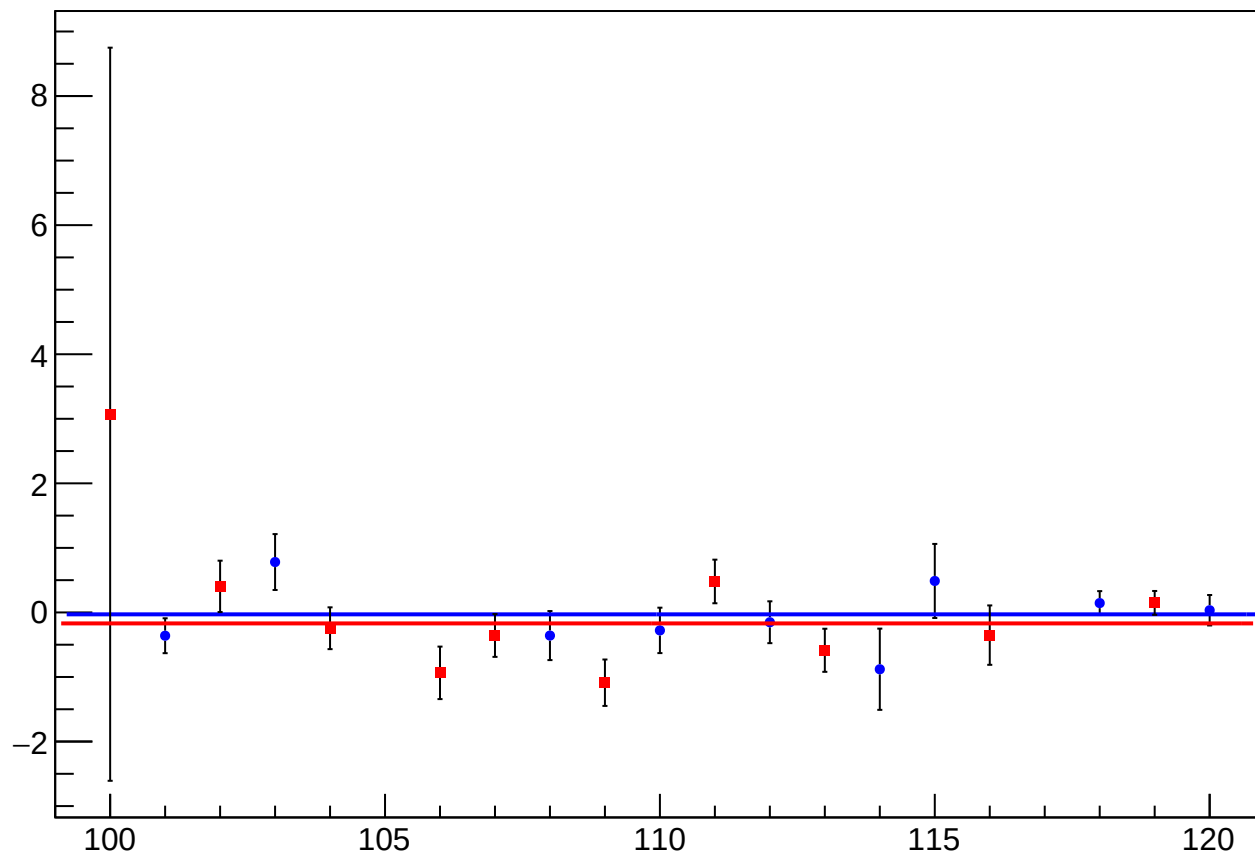
Right: 0.373 $\pm$ 0.069 χ^2 /NDF: 13.2/18

In: 0.377 $\pm$ 0.103 χ^2 /NDF:1.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.373 $\pm$ 0.069 χ^2 /NDF: 13.2/18

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.030+/-0.102 χ^2 /NDF: 10.0/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.170+/-0.105 χ^2 /NDF: 21.2/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

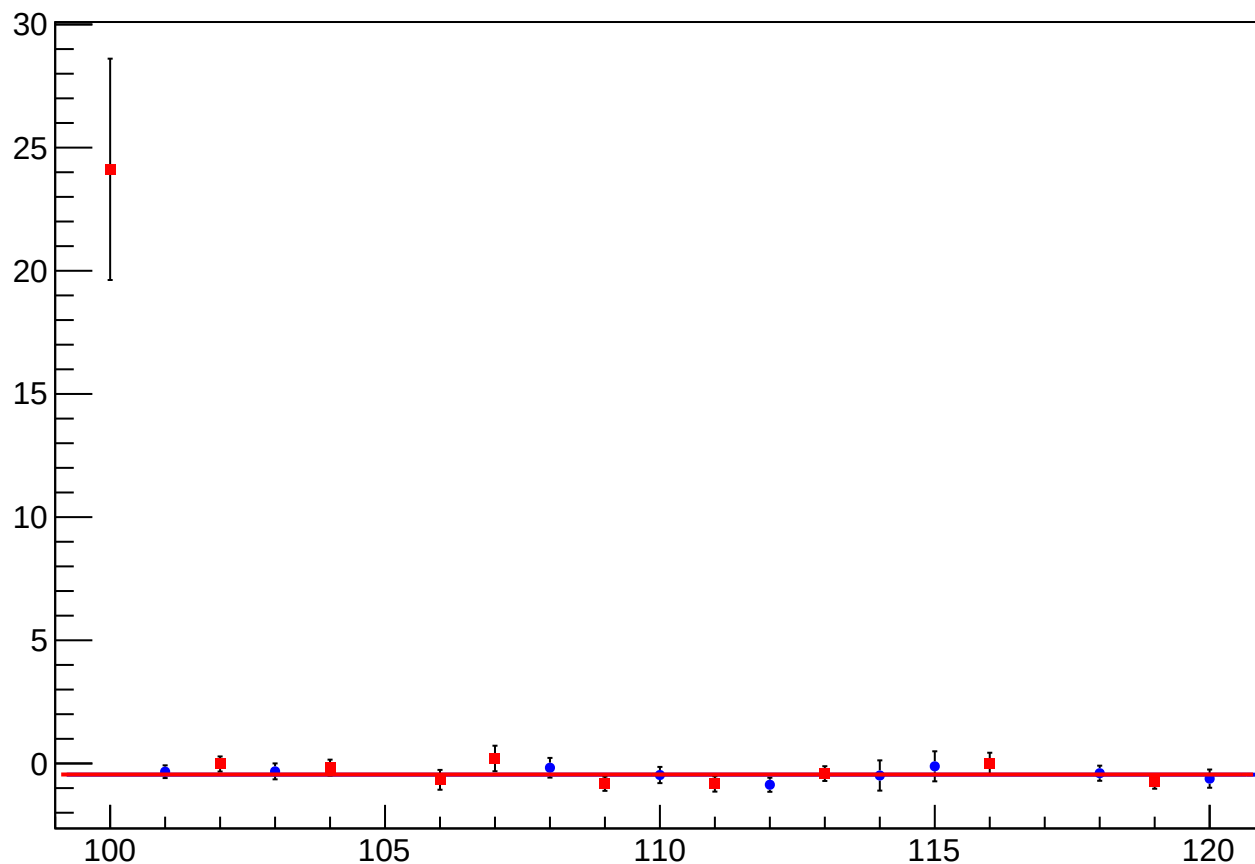
Right: -0.098+/-0.073 χ^2 /NDF: 32.2/18

In: -0.030+/-0.102 χ^2 /NDF:10.0/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.098+/-0.073 χ^2 /NDF: 32.2/18

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.455 ± 0.115 χ^2/NDF : 3.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.448 ± 0.111 χ^2/NDF : 39.7/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

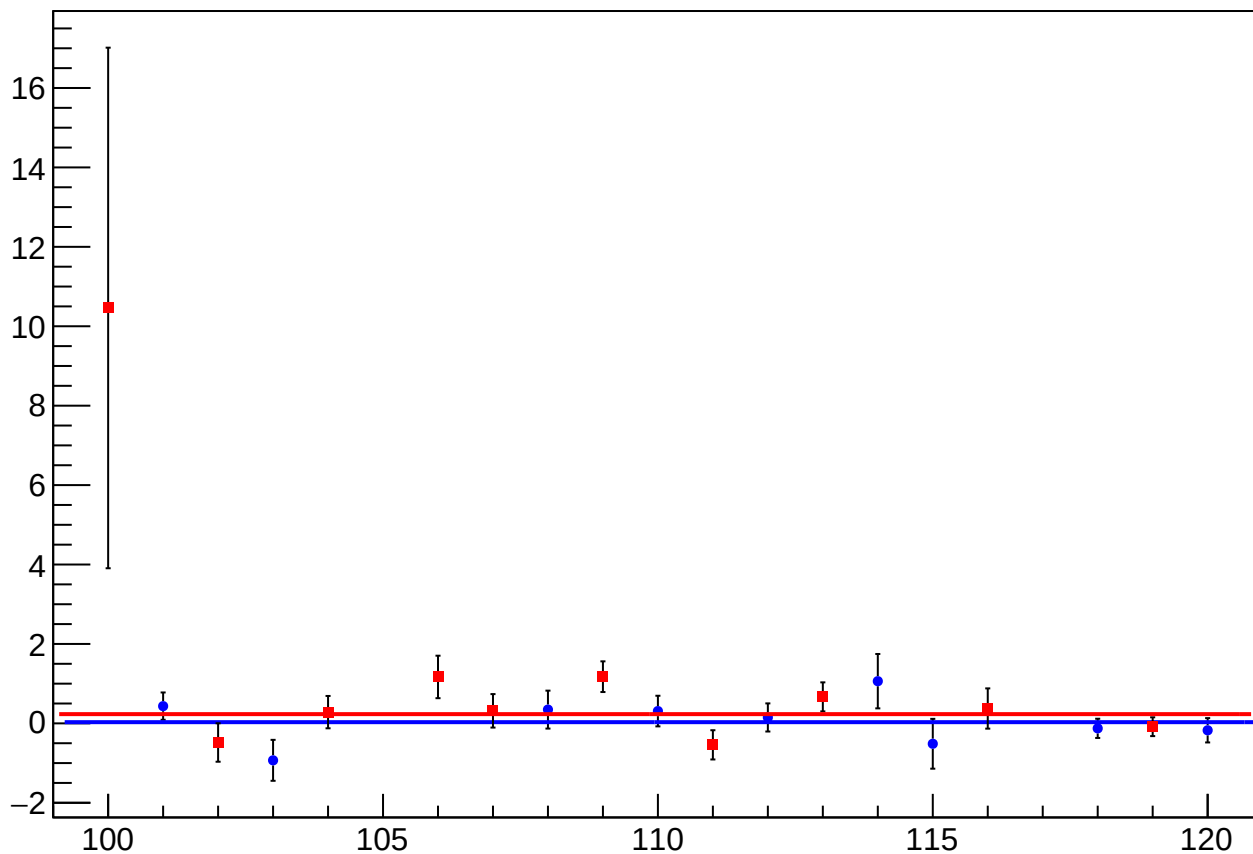
Right: -0.451 ± 0.080 χ^2/NDF : 43.2/18

In: -0.455 ± 0.115 χ^2/NDF : 3.5/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.451 ± 0.080 χ^2/NDF : 43.2/18

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.030+/-0.125 χ^2/NDF : 9.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.233+/-0.126 χ^2/NDF : 21.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

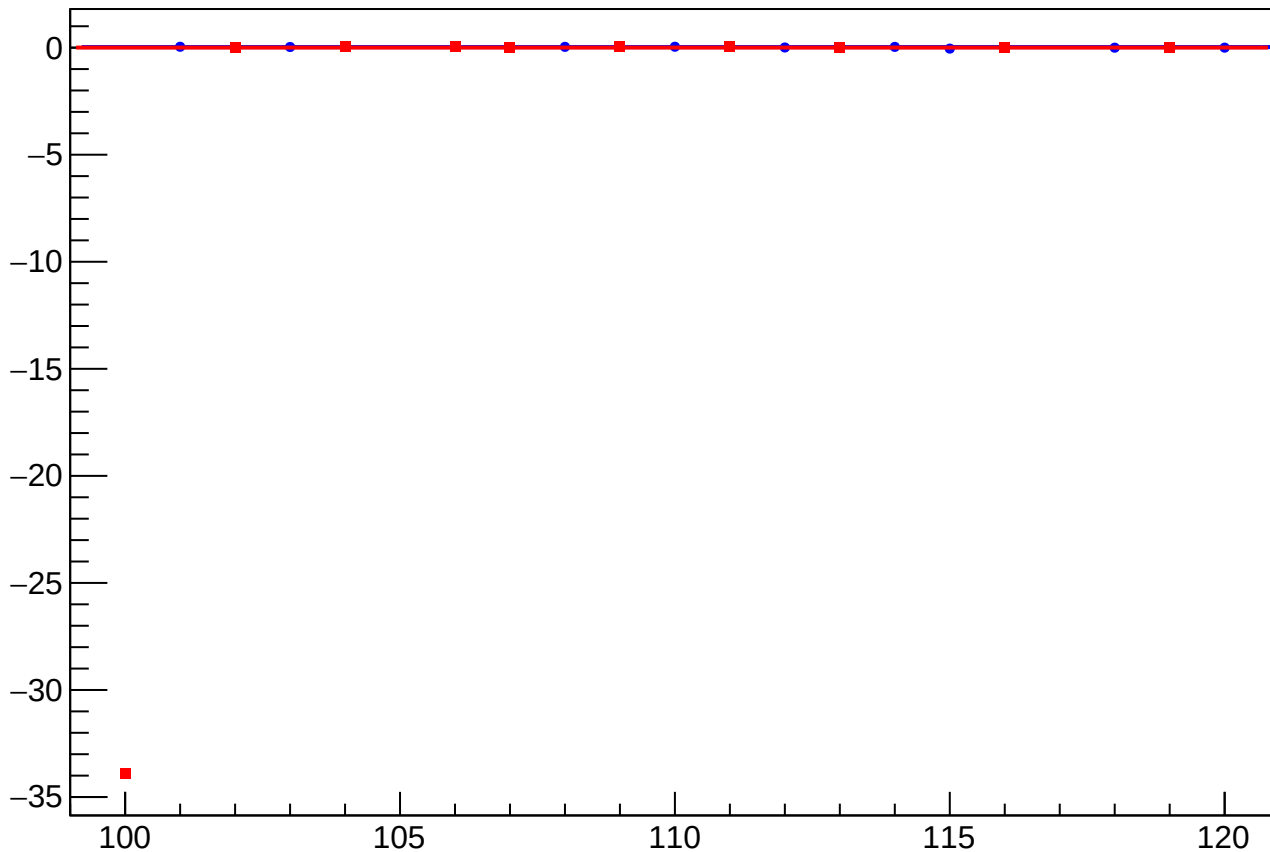
Right: 0.131+/-0.089 χ^2/NDF : 32.5/18

In: 0.030+/-0.125 χ^2/NDF : 9.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.131+/-0.089 χ^2/NDF : 32.5/18

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.027 $\pm$ 0.007 χ^2 /NDF: 7.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.006 χ^2 /NDF: 22252.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

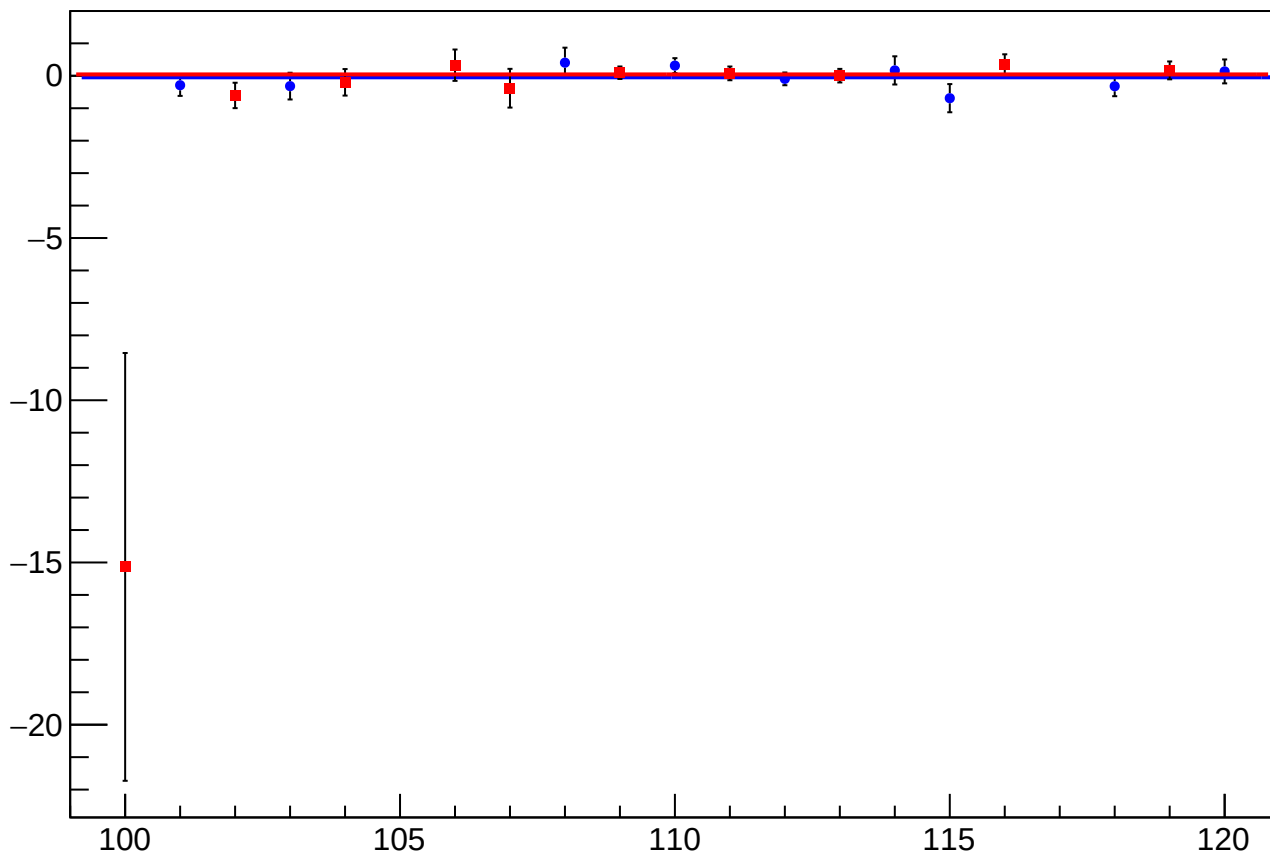
Right: 0.014 $\pm$ 0.005 χ^2 /NDF: 22265.4/18

In: 0.027 $\pm$ 0.007 χ^2 /NDF:7.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.014 $\pm$ 0.005 χ^2 /NDF: 22265.4/18

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.046 $\pm$ 0.104 χ^2 /NDF: 7.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.042 $\pm$ 0.093 χ^2 /NDF: 10.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

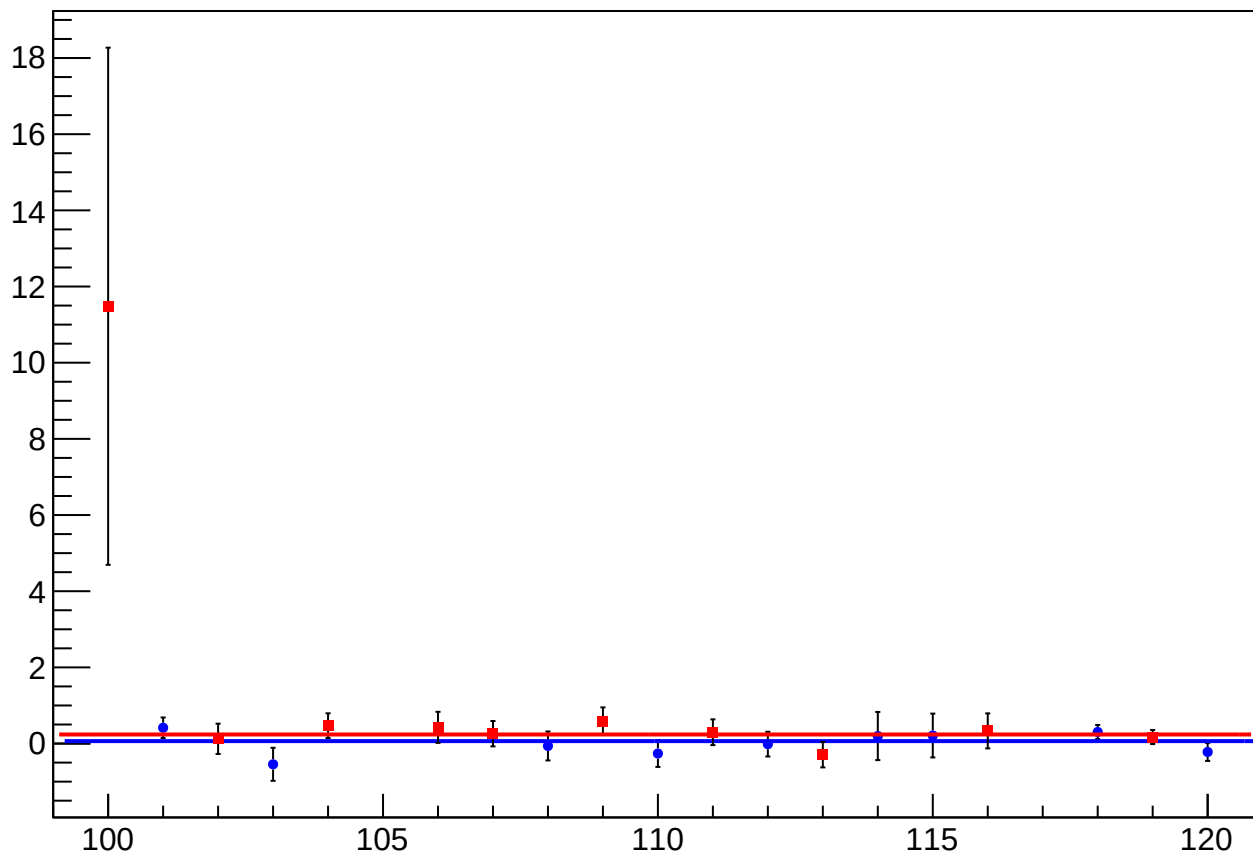
Right: 0.003 $\pm$ 0.069 χ^2 /NDF: 18.9/18

In: -0.046 $\pm$ 0.104 χ^2 /NDF:7.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.069 χ^2 /NDF: 18.9/18

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.064+/-0.102 χ^2/NDF : 7.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.238+/-0.105 χ^2/NDF : 7.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

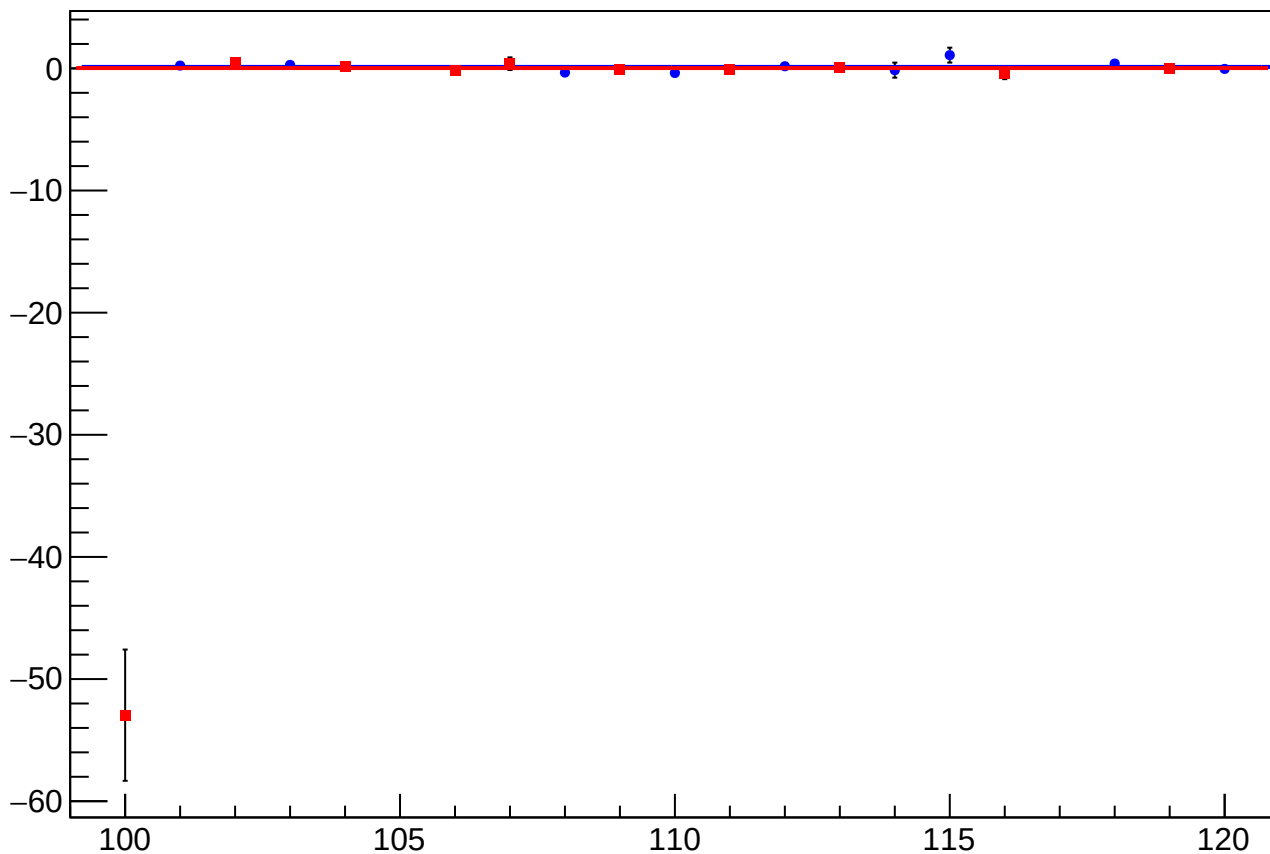
Right: 0.148+/-0.073 χ^2/NDF : 16.6/18

In: 0.064+/-0.102 χ^2/NDF : 7.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.148+/-0.073 χ^2/NDF : 16.6/18

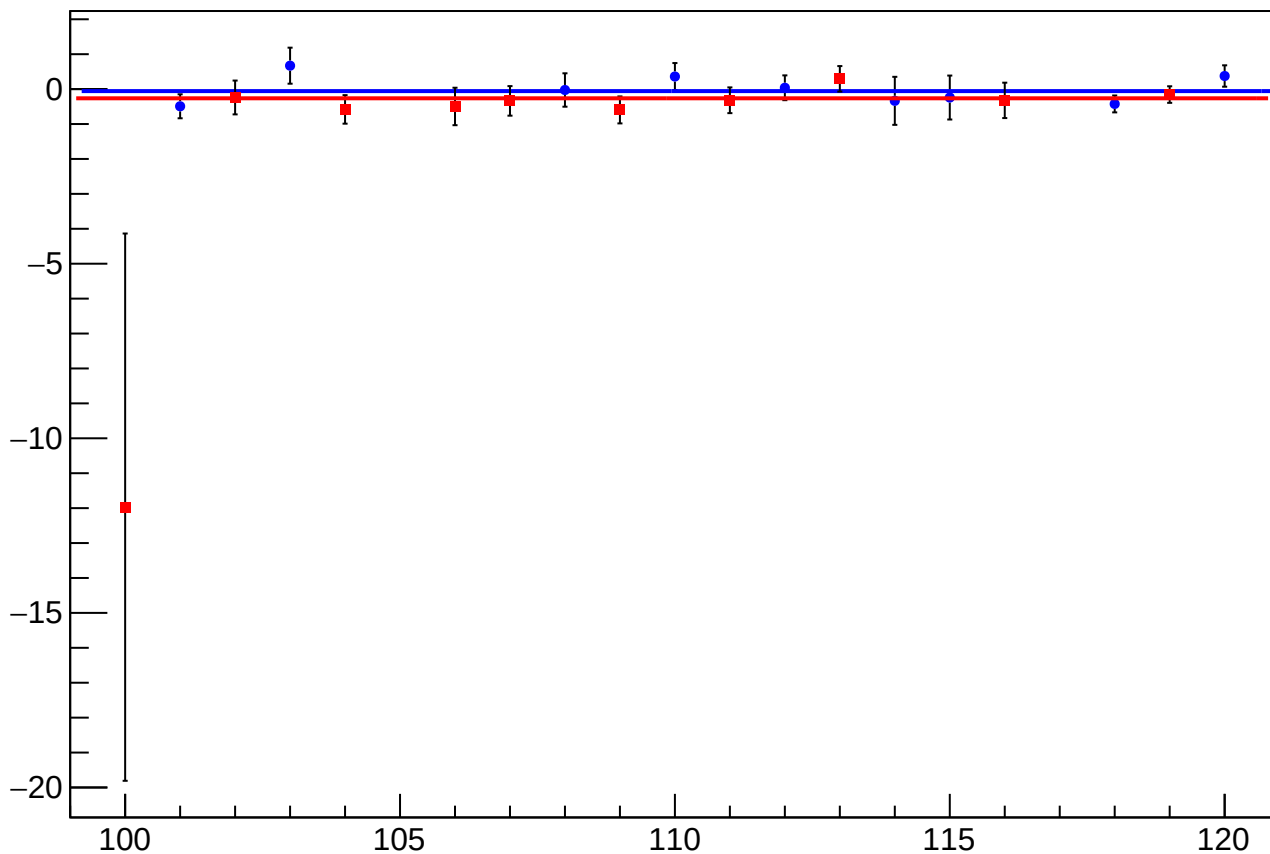
reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.121+/-0.115 χ^2 /NDF: 7.7/8
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right Out: 0.027+/-0.111 χ^2 /NDF: 101.9/9
 Left 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+/-0.080 χ^2 /NDF: 110.0/18
 In: 0.121+/-0.115 χ^2 /NDF: 7.7/8
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 0.072+/-0.080 χ^2 /NDF: 110.0/18

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.057 $\pm$ 0.125 χ^2 /NDF: 9.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.263 $\pm$ 0.126 χ^2 /NDF: 6.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

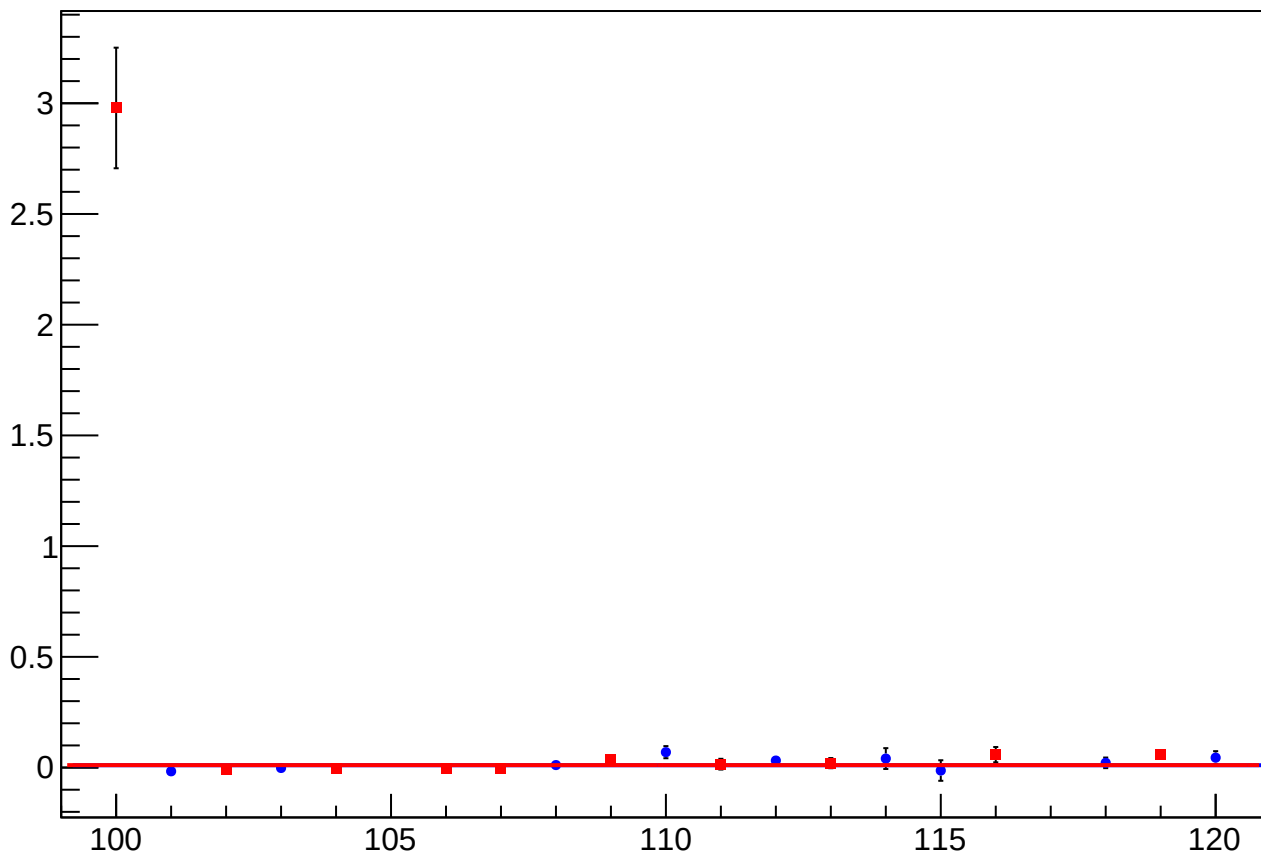
Right: -0.159 $\pm$ 0.089 χ^2 /NDF: 17.1/18

In: -0.057 $\pm$ 0.125 χ^2 /NDF:9.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.159 $\pm$ 0.089 χ^2 /NDF: 17.1/18

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.011+/-0.007 χ^2/NDF : 11.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.006 χ^2/NDF : 130.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

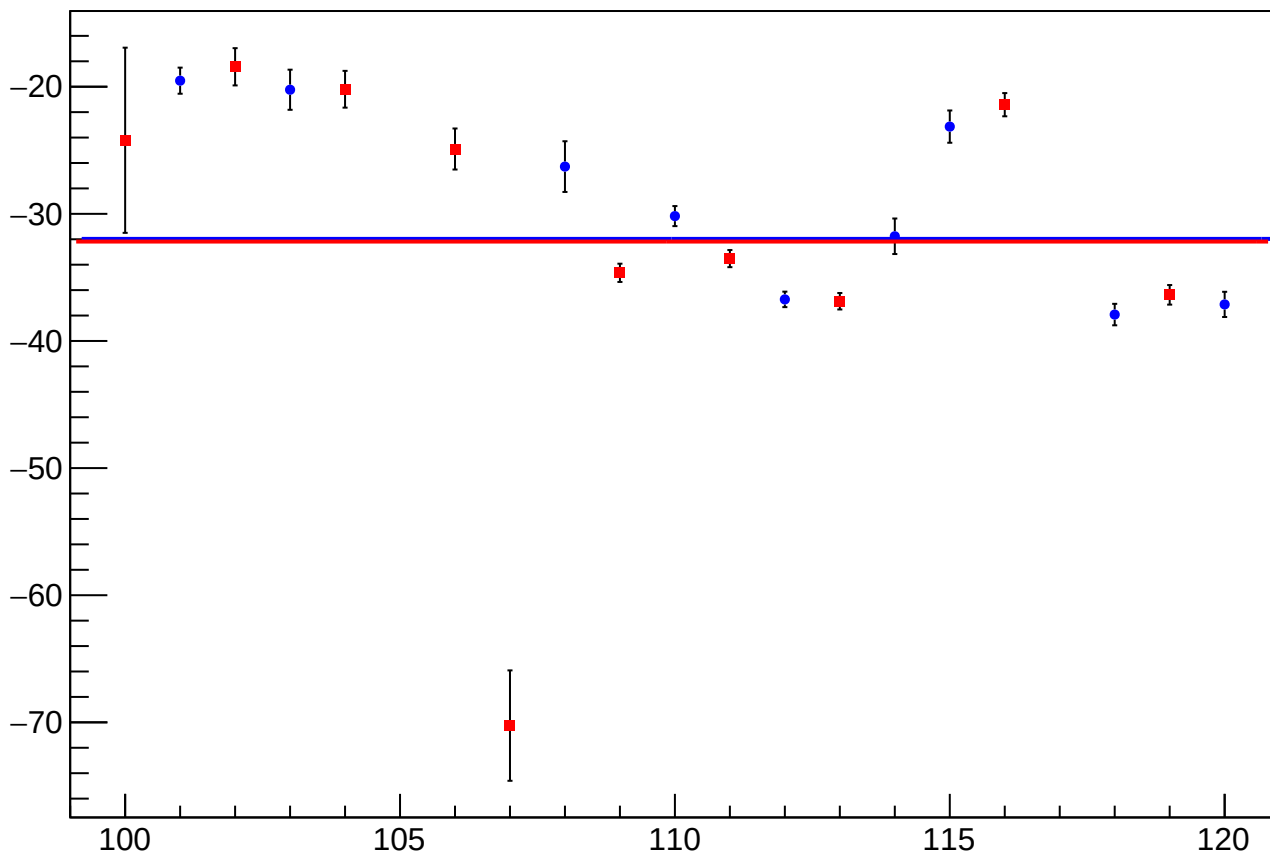
Right: 0.011+/-0.005 χ^2/NDF : 142.7/18

In: 0.011+/-0.007 χ^2/NDF : 11.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.005 χ^2/NDF : 142.7/18

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -31.971+/-0.325 χ^2/NDF : 401.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -32.180+/-0.304 χ^2/NDF : 492.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

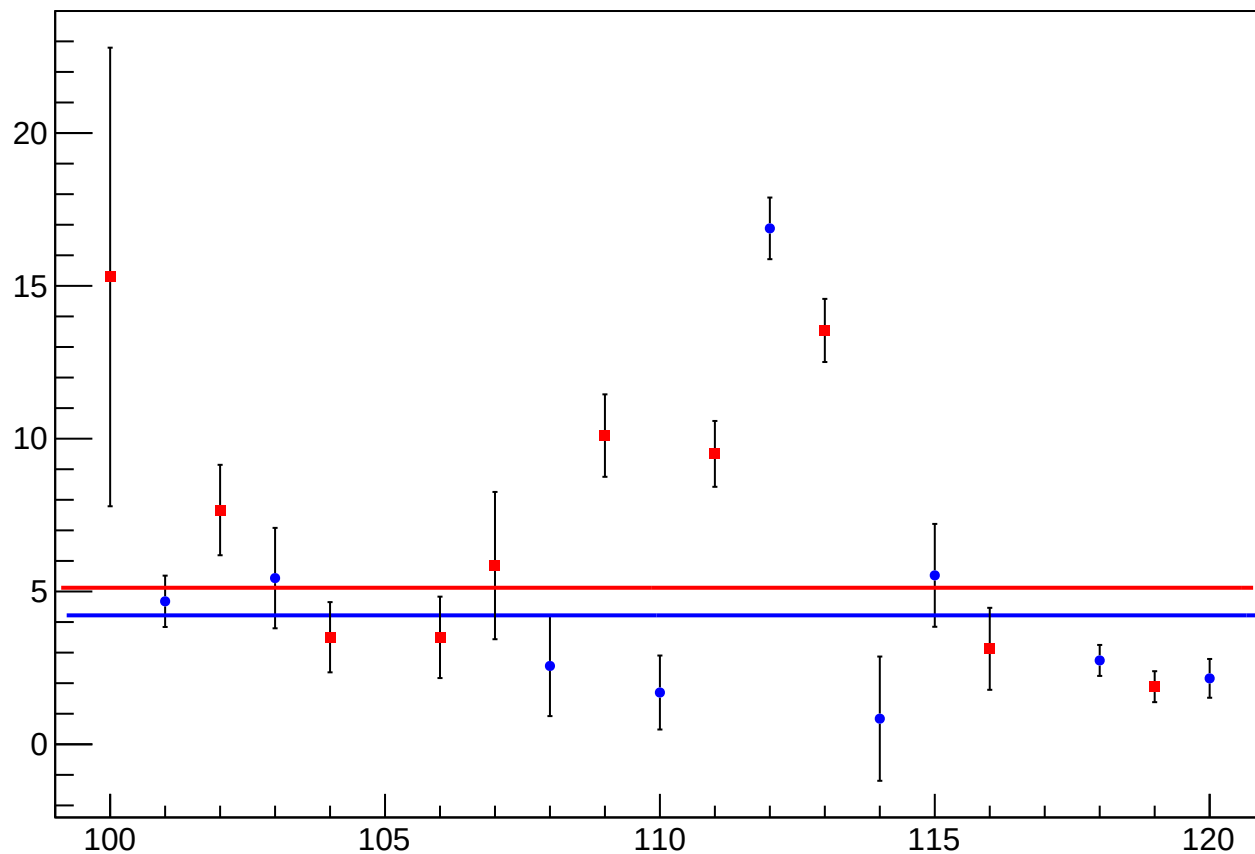
Right: -32.082+/-0.222 χ^2/NDF : 894.0/18

In: -31.971+/-0.325 χ^2/NDF : 401.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.082+/-0.222 χ^2/NDF : 894.0/18

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.219+/-0.304 χ^2/NDF : 186.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.122+/-0.338 χ^2/NDF : 148.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

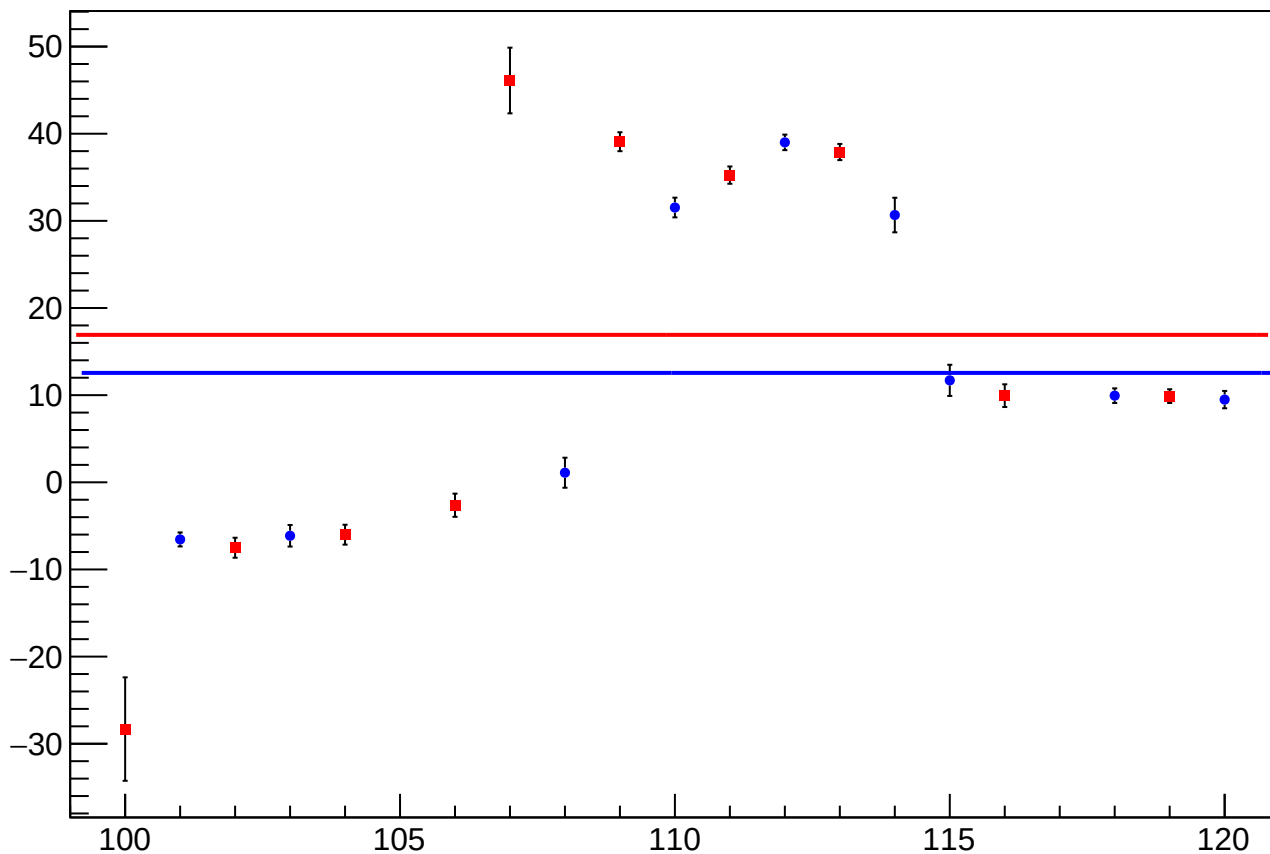
Right: 4.624+/-0.226 χ^2/NDF : 338.2/18

In: 4.219+/-0.304 χ^2/NDF : 186.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.624+/-0.226 χ^2/NDF : 338.2/18

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 12.555+/-0.363 χ^2/NDF : 2102.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.918+/-0.367 χ^2/NDF : 2570.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

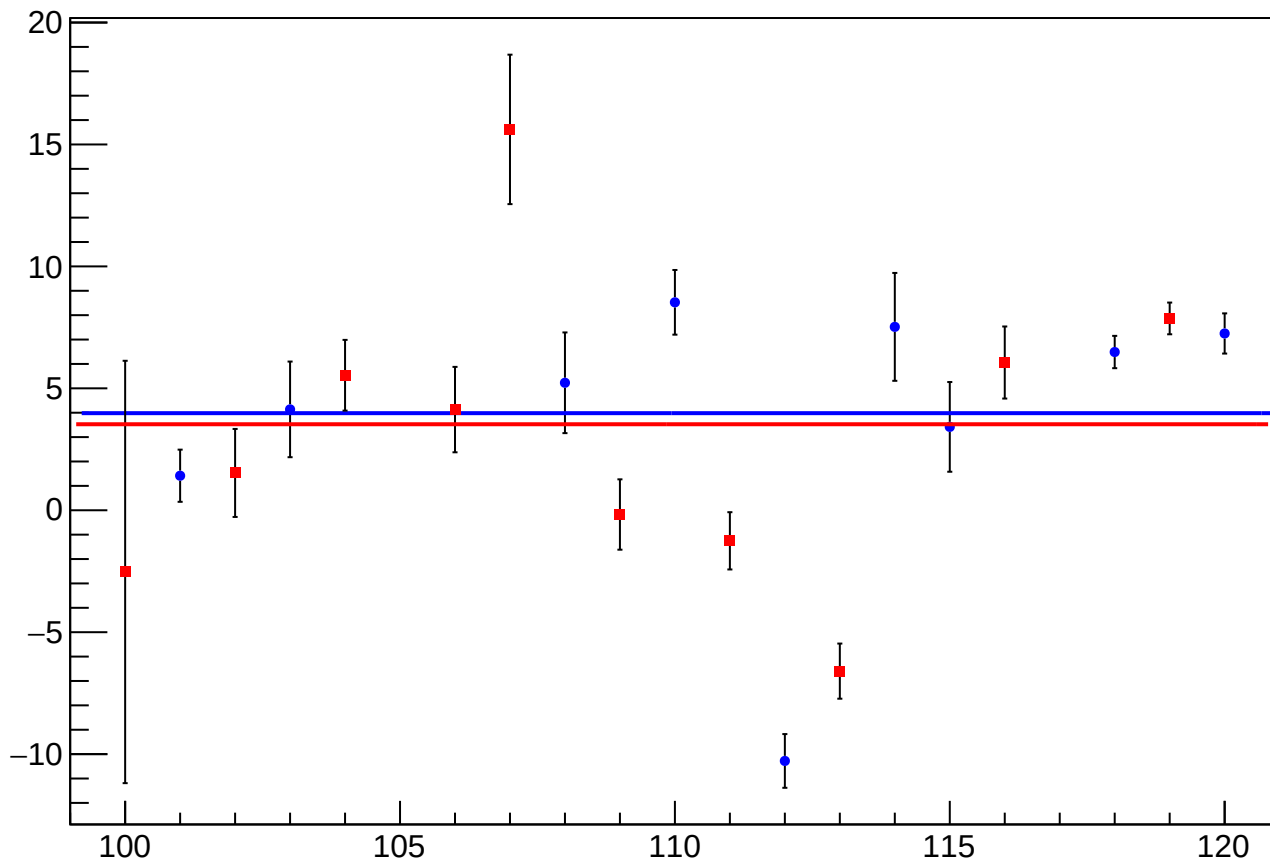
Right: 14.715+/-0.258 χ^2/NDF : 4743.7/18

In: 12.555+/-0.363 χ^2/NDF : 2102.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.715+/-0.258 χ^2/NDF : 4743.7/18

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.982 $\pm$ 0.378 χ^2 /NDF: 218.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.527 $\pm$ 0.407 χ^2 /NDF: 170.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

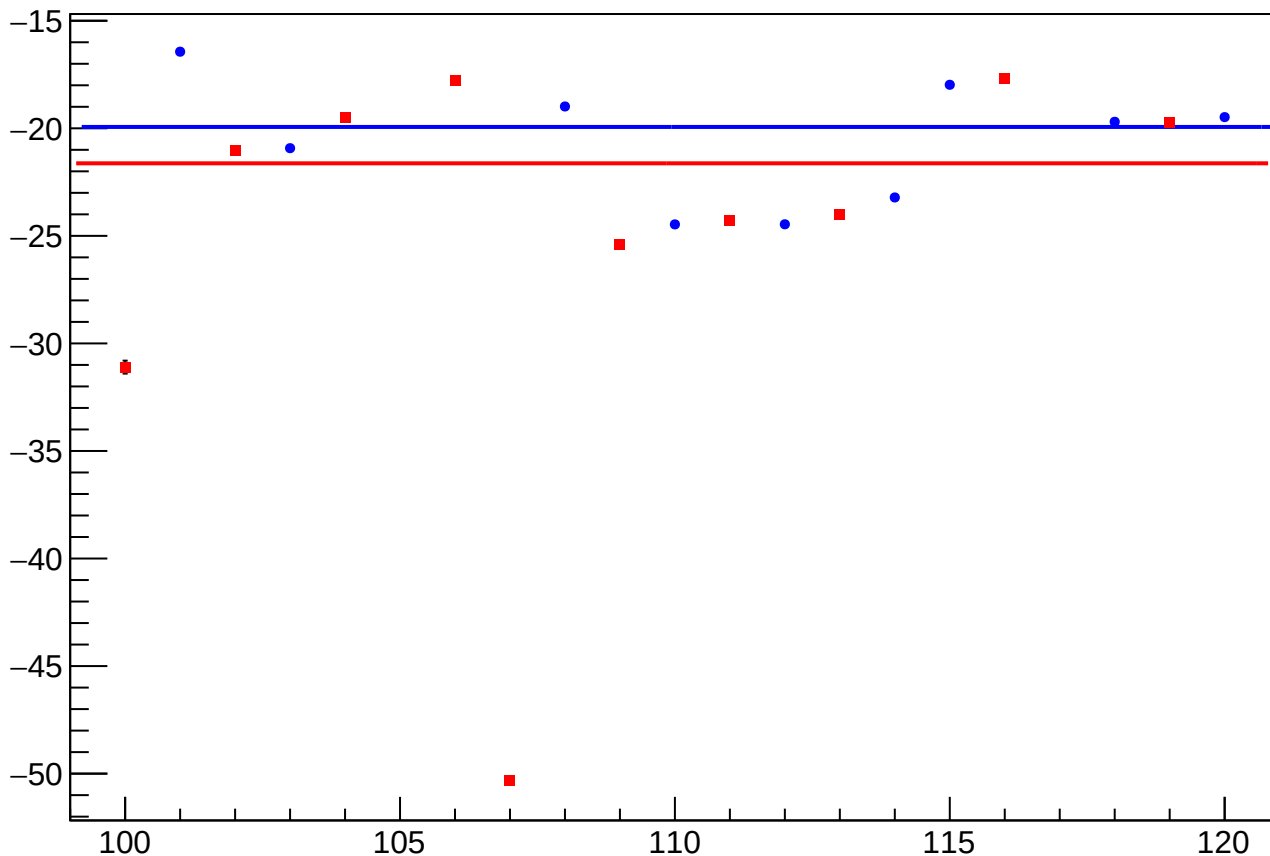
Right: 3.771 $\pm$ 0.277 χ^2 /NDF: 389.0/18

In: 3.982 $\pm$ 0.378 χ^2 /NDF:218.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.771 $\pm$ 0.277 χ^2 /NDF: 389.0/18

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.936+/-0.023 χ^2/NDF : 13146.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.627+/-0.023 χ^2/NDF : 48705.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

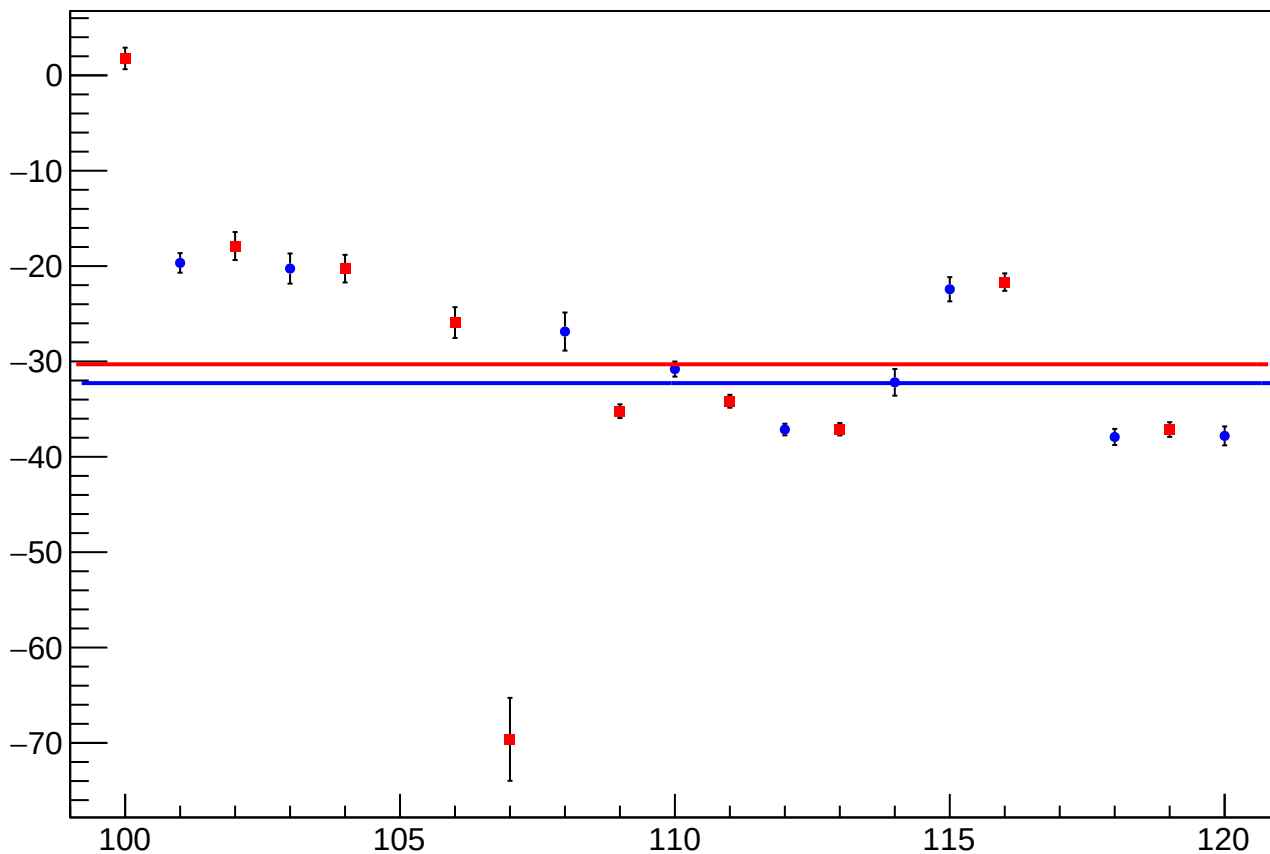
Right: -20.804+/-0.016 χ^2/NDF : 64521.5/18

In: -19.936+/-0.023 χ^2/NDF : 13146.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.804+/-0.016 χ^2/NDF : 64521.5/18

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -32.272 $\pm$ 0.326 χ^2 /NDF: 417.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -30.299 $\pm$ 0.294 χ^2 /NDF: 1373.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

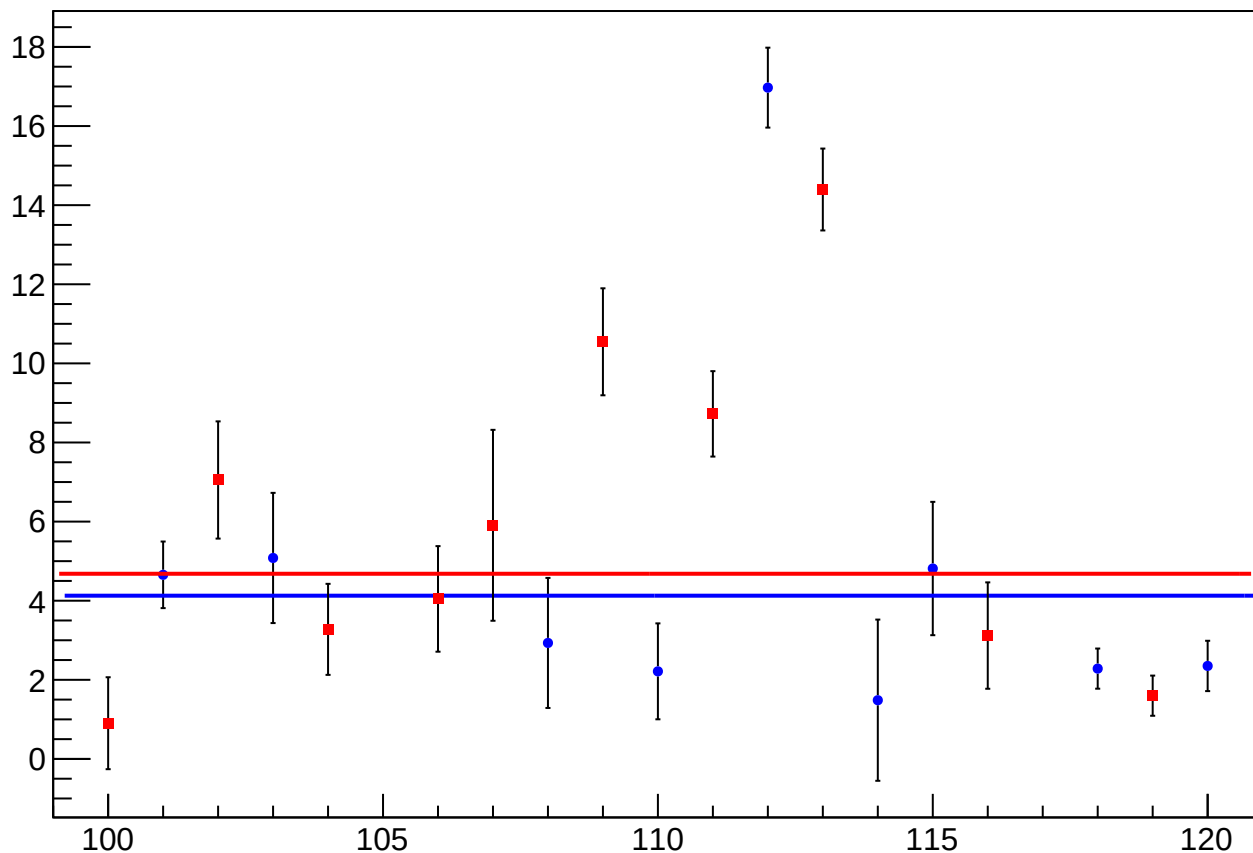
Right: -31.186 $\pm$ 0.218 χ^2 /NDF: 1811.5/18

In: -32.272 $\pm$ 0.326 χ^2 /NDF:417.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -31.186 $\pm$ 0.218 χ^2 /NDF: 1811.5/18

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.127+/-0.305 χ^2/NDF : 188.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.681+/-0.325 χ^2/NDF : 174.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

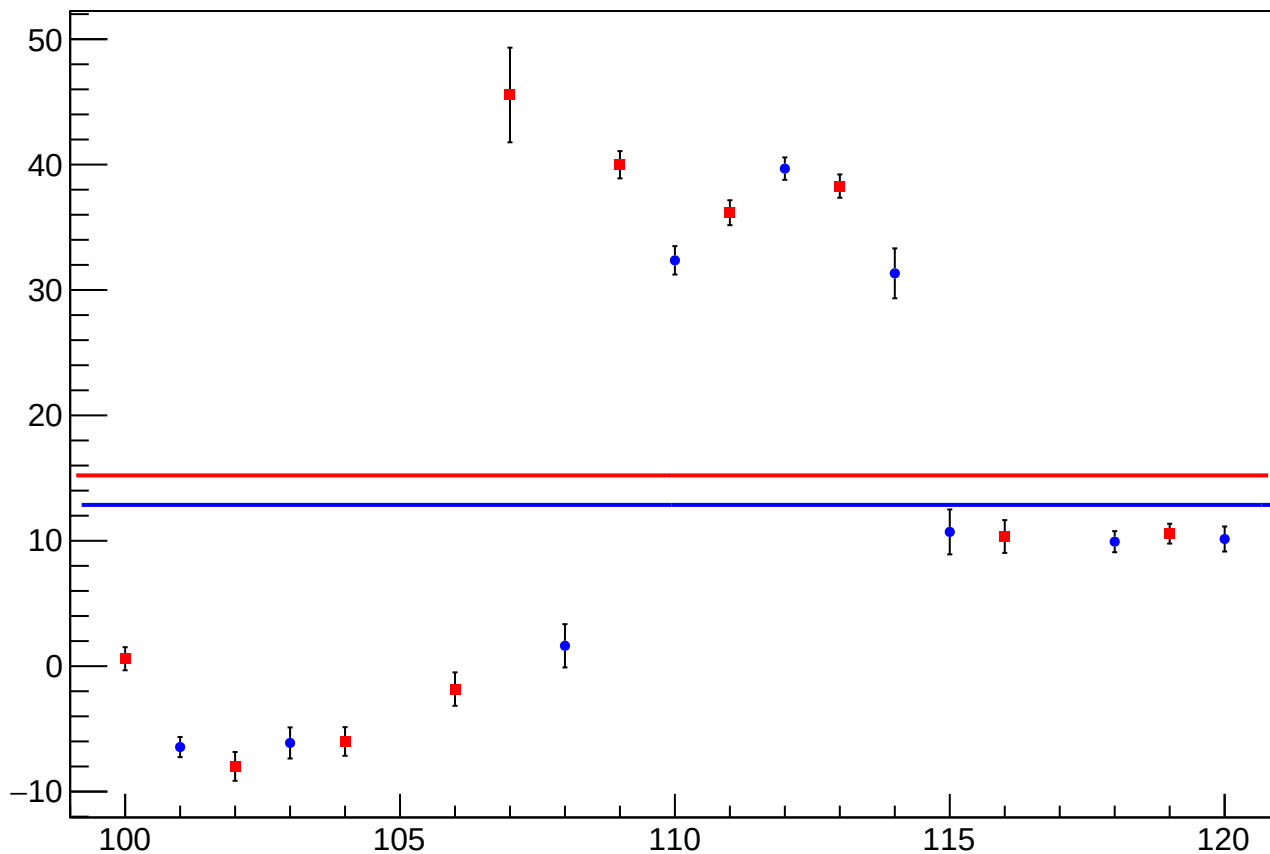
Right: 4.386+/-0.222 χ^2/NDF : 363.9/18

In: 4.127+/-0.305 χ^2/NDF : 188.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.386+/-0.222 χ^2/NDF : 363.9/18

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 12.862 $\pm$ 0.364 χ^2 /NDF: 2156.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 15.213 $\pm$ 0.342 χ^2 /NDF: 2862.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

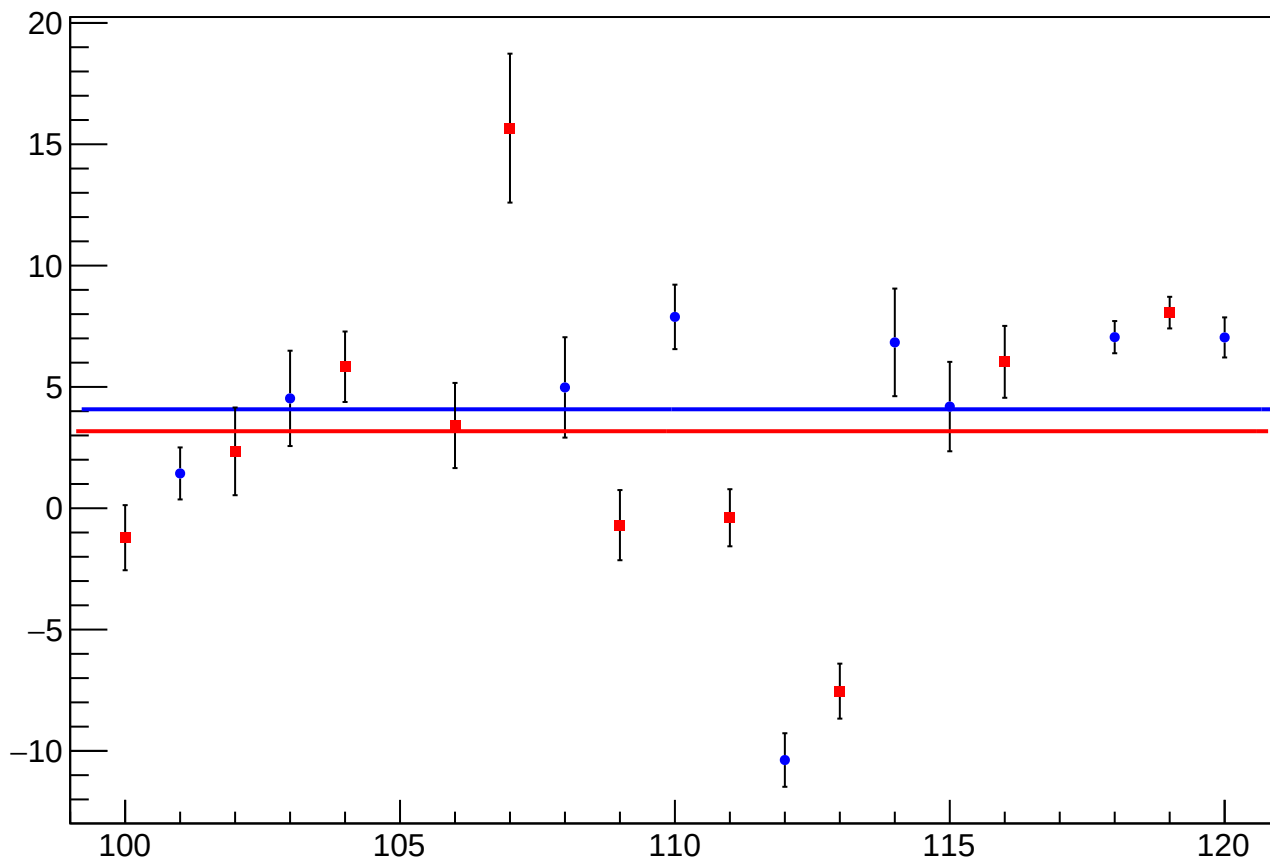
Right: 14.111 $\pm$ 0.249 χ^2 /NDF: 5041.2/18

In: 12.862 $\pm$ 0.364 χ^2 /NDF:2156.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 14.111 $\pm$ 0.249 χ^2 /NDF: 5041.2/18

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.078+/-0.378 χ^2/NDF : 220.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.175+/-0.391 χ^2/NDF : 196.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

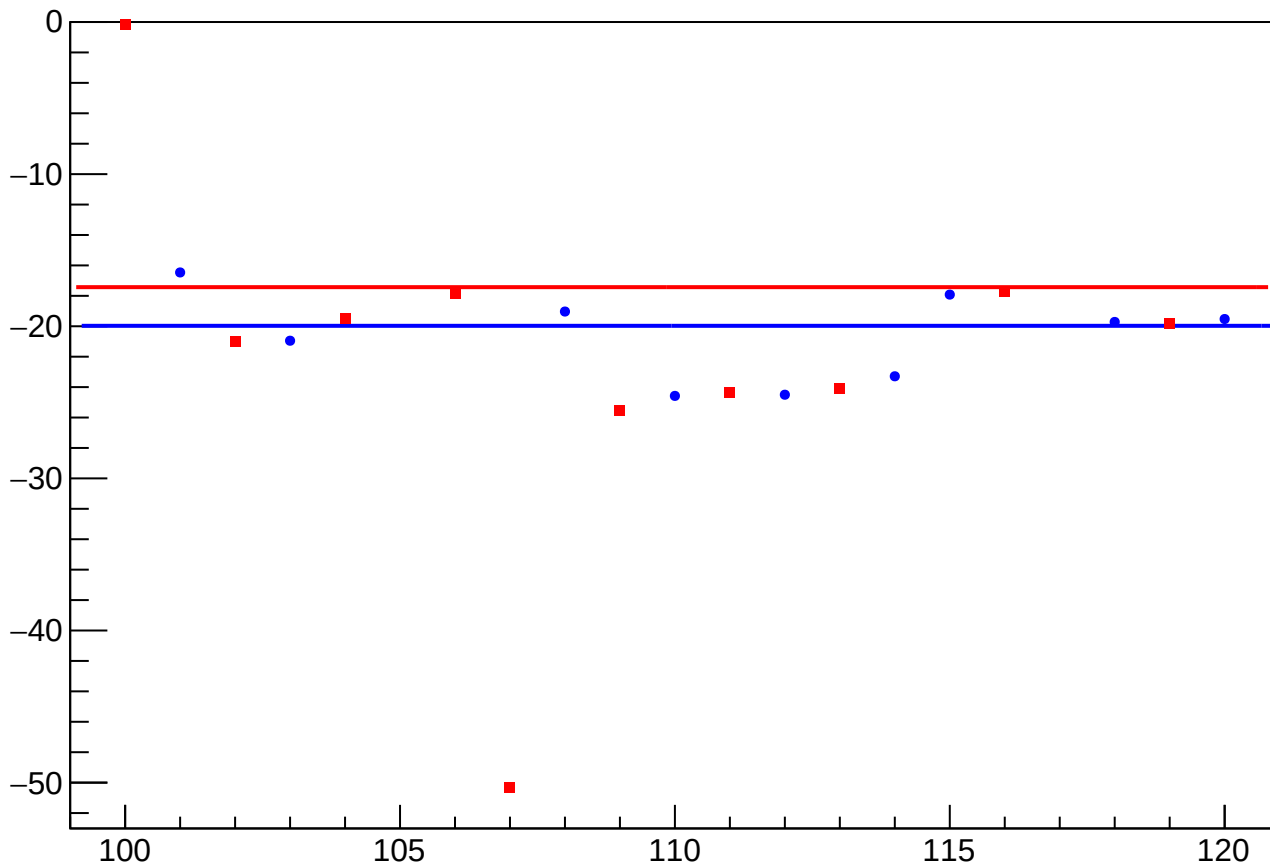
Right: 3.641+/-0.272 χ^2/NDF : 419.8/18

In: 4.078+/-0.378 χ^2/NDF : 220.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.641+/-0.272 χ^2/NDF : 419.8/18

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.971+/-0.023 χ^2/NDF : 13233.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.429+/-0.021 χ^2/NDF : 218234.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

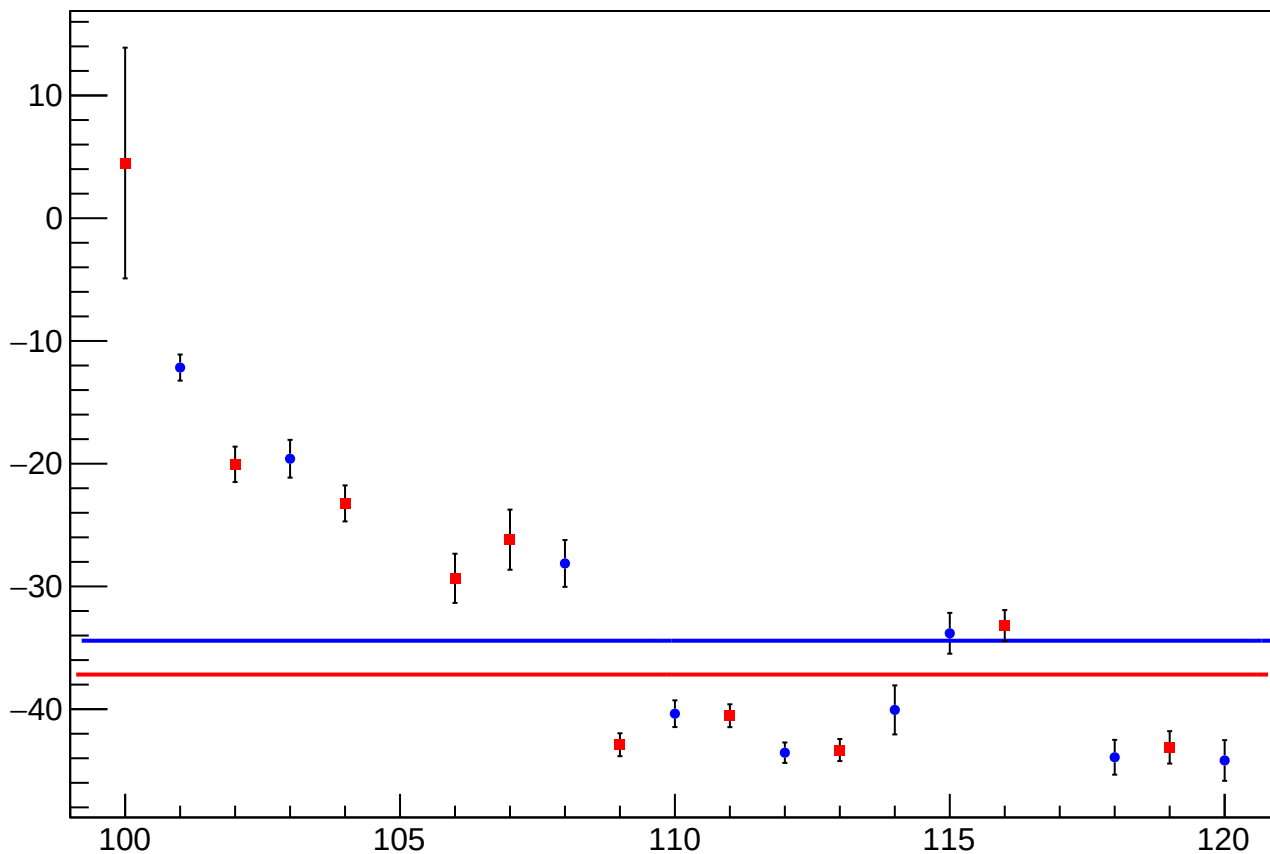
Right: -18.533+/-0.015 χ^2/NDF : 238088.6/18

In: -19.971+/-0.023 χ^2/NDF : 13233.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.533+/-0.015 χ^2/NDF : 238088.6/18

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -34.422+/-0.433 χ^2/NDF : 778.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -37.178+/-0.405 χ^2/NDF : 413.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

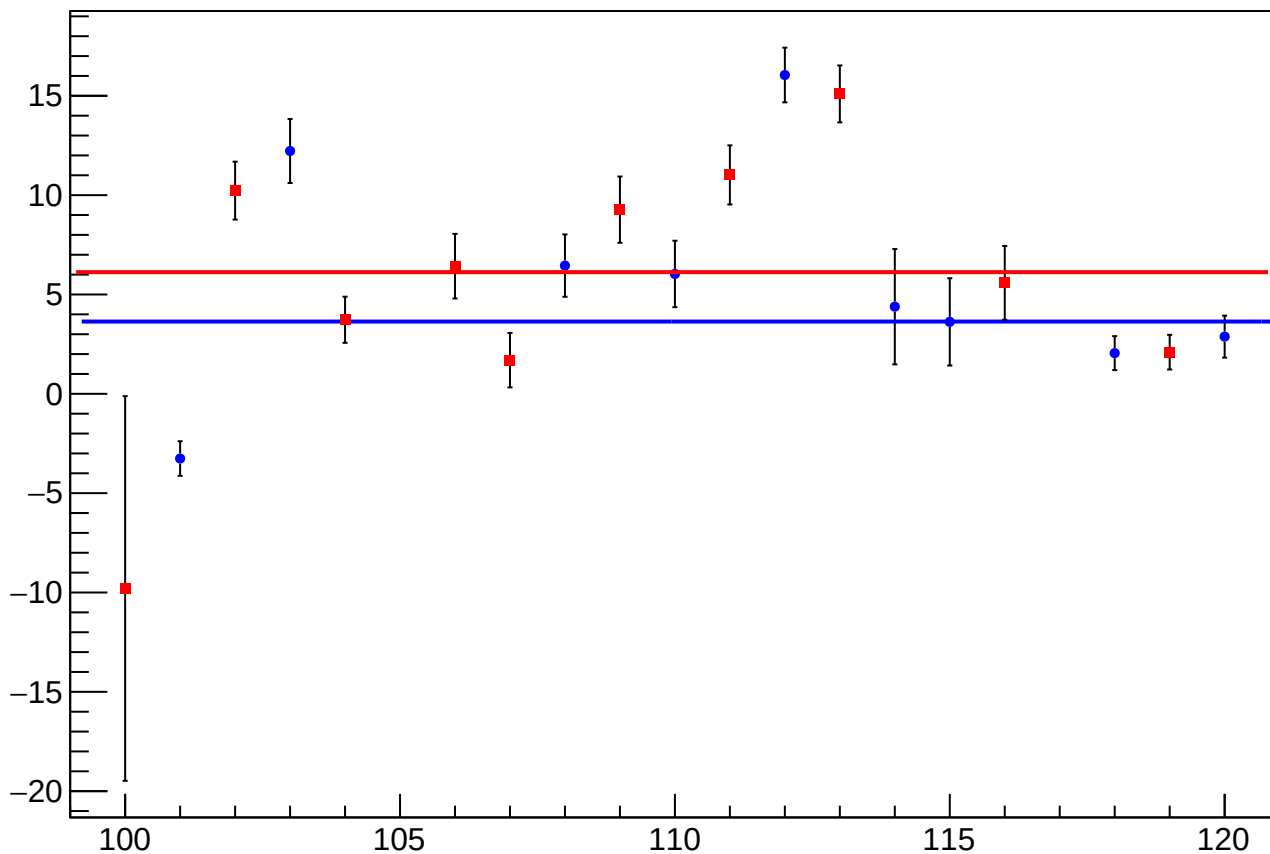
Right: -35.892+/-0.296 χ^2/NDF : 1214.3/18

In: -34.422+/-0.433 χ^2/NDF : 778.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.892+/-0.296 χ^2/NDF : 1214.3/18

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.638+/-0.423 χ^2/NDF : 181.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.125+/-0.445 χ^2/NDF : 100.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

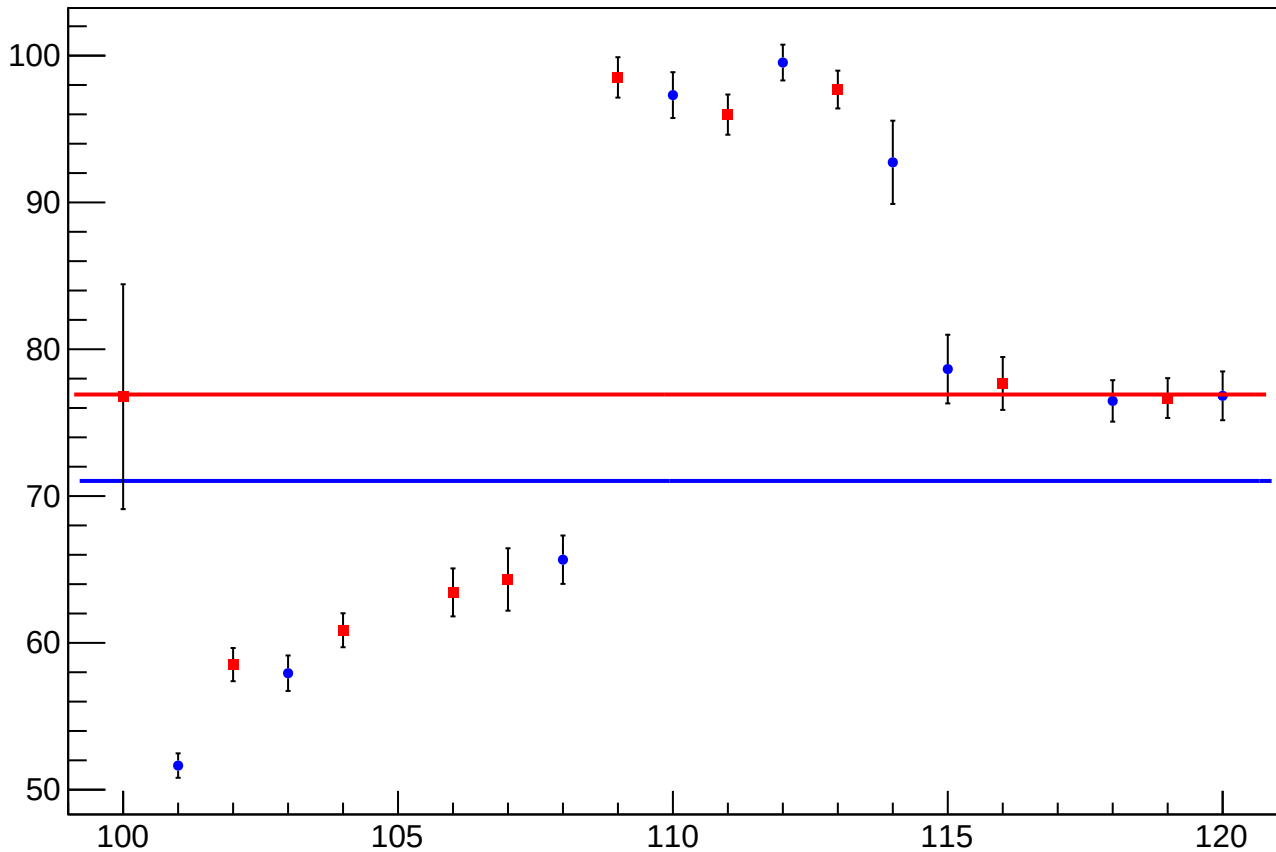
Right: 4.817+/-0.307 χ^2/NDF : 298.4/18

In: 3.638+/-0.423 χ^2/NDF : 181.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.817+/-0.307 χ^2/NDF : 298.4/18

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 71.031+/-0.459 χ^2/NDF : 1597.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.917+/-0.463 χ^2/NDF : 1261.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

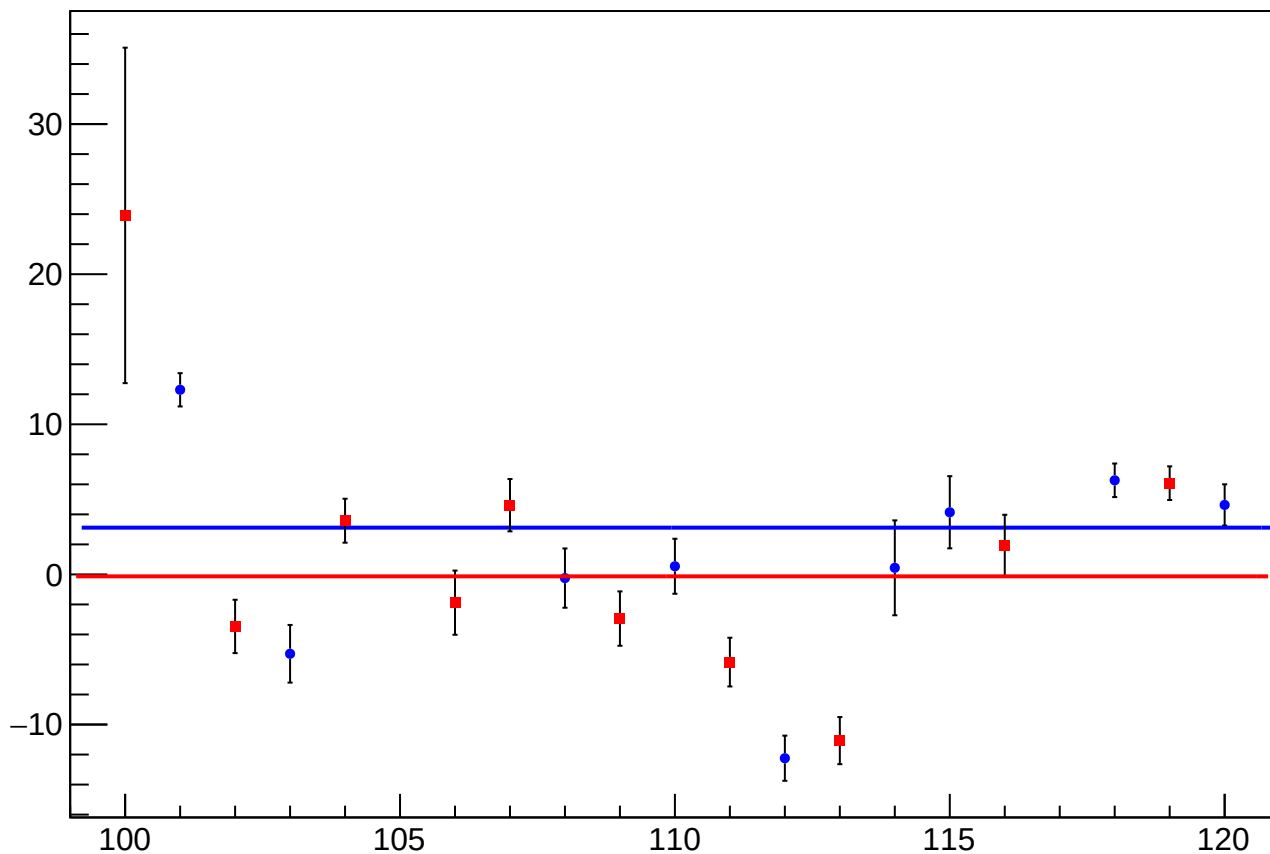
Right: 73.945+/-0.326 χ^2/NDF : 2940.2/18

In: 71.031+/-0.459 χ^2/NDF : 1597.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.945+/-0.326 χ^2/NDF : 2940.2/18

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.116+/-0.521 χ^2/NDF : 206.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.129+/-0.537 χ^2/NDF : 117.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

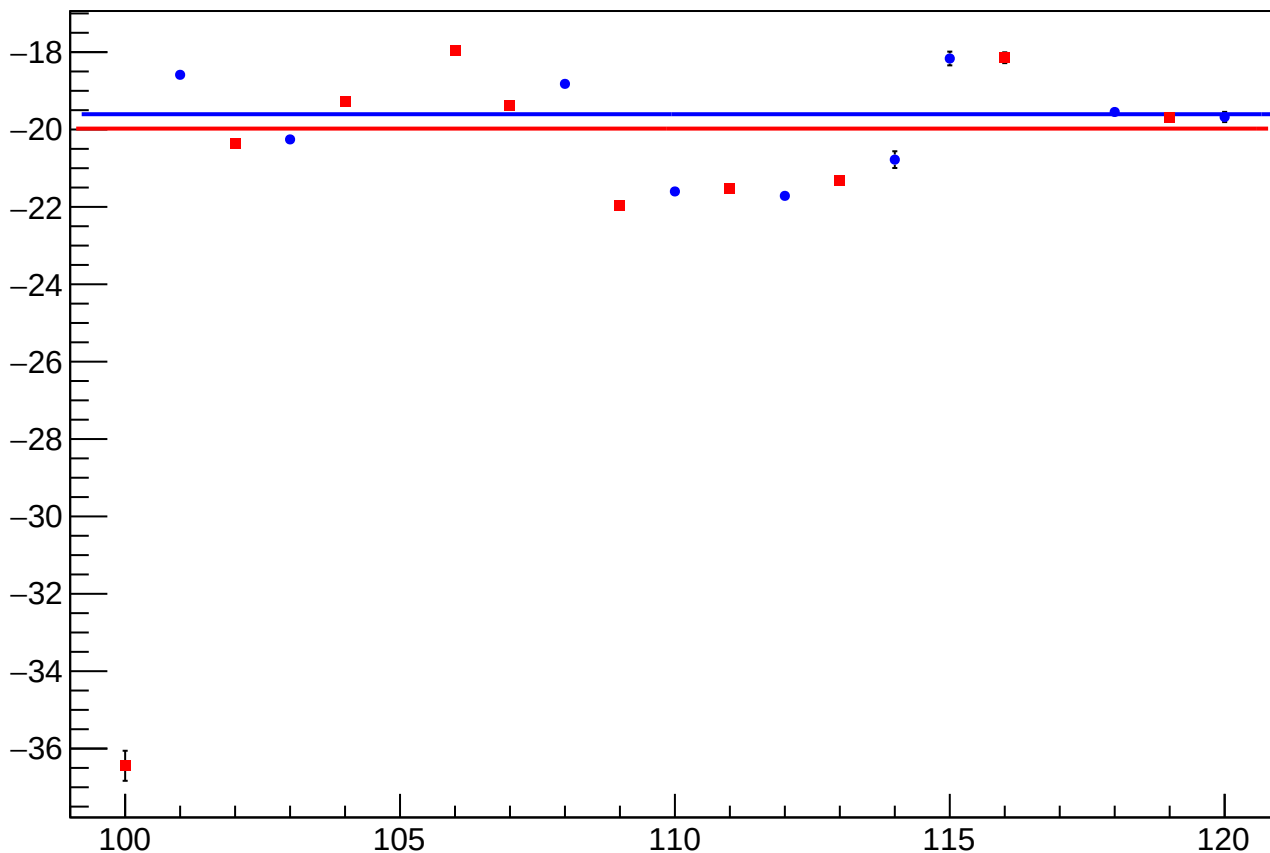
Right: 1.543+/-0.374 χ^2/NDF : 343.5/18

In: 3.116+/-0.521 χ^2/NDF :206.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.543+/-0.374 χ^2/NDF : 343.5/18

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.605+/-0.027 χ^2/NDF : 1545.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -19.976+/-0.026 χ^2/NDF : 3759.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

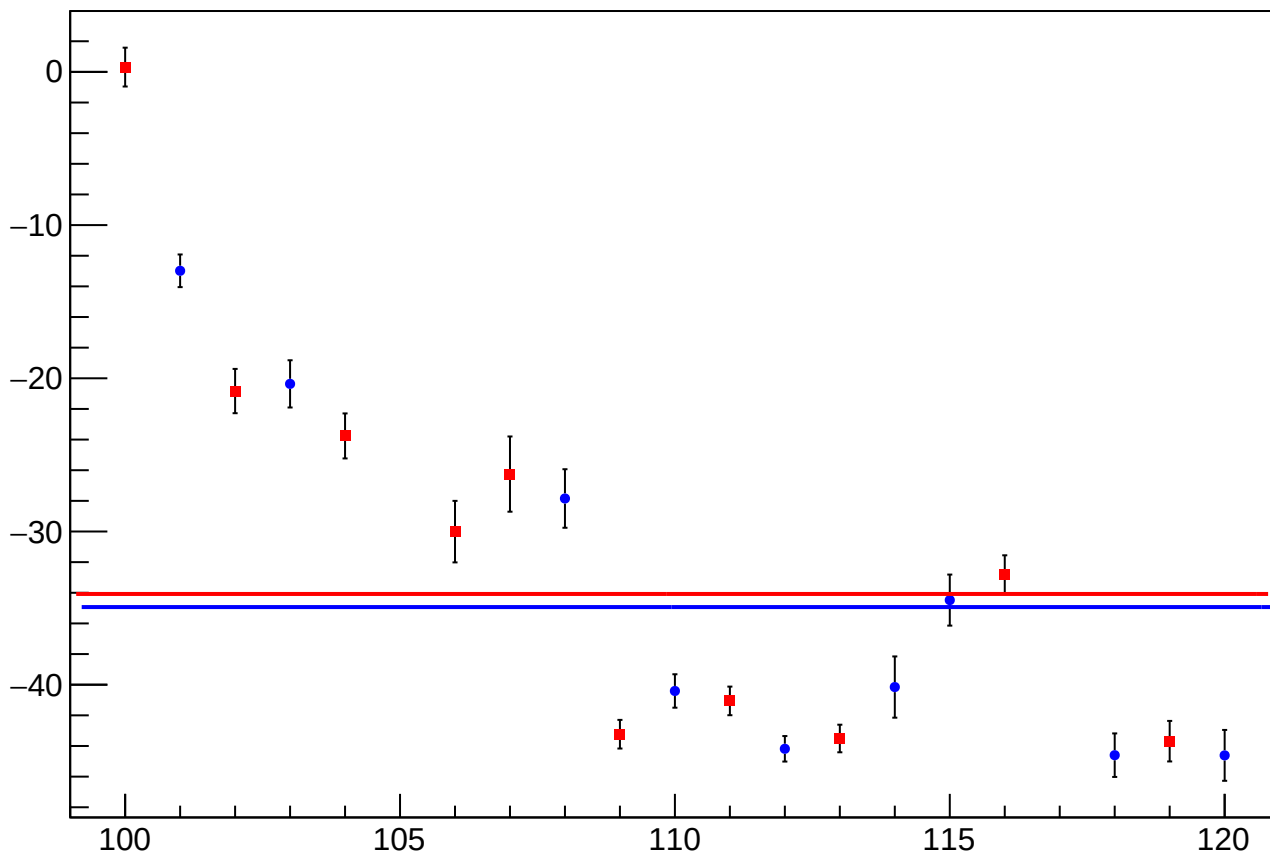
Right: -19.797+/-0.019 χ^2/NDF : 5403.4/18

In: -19.605+/-0.027 χ^2/NDF : 1545.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.797+/-0.019 χ^2/NDF : 5403.4/18

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -34.932 ± 0.433 χ^2/NDF : 763.1/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -34.077 ± 0.386 χ^2/NDF : 1198.8/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

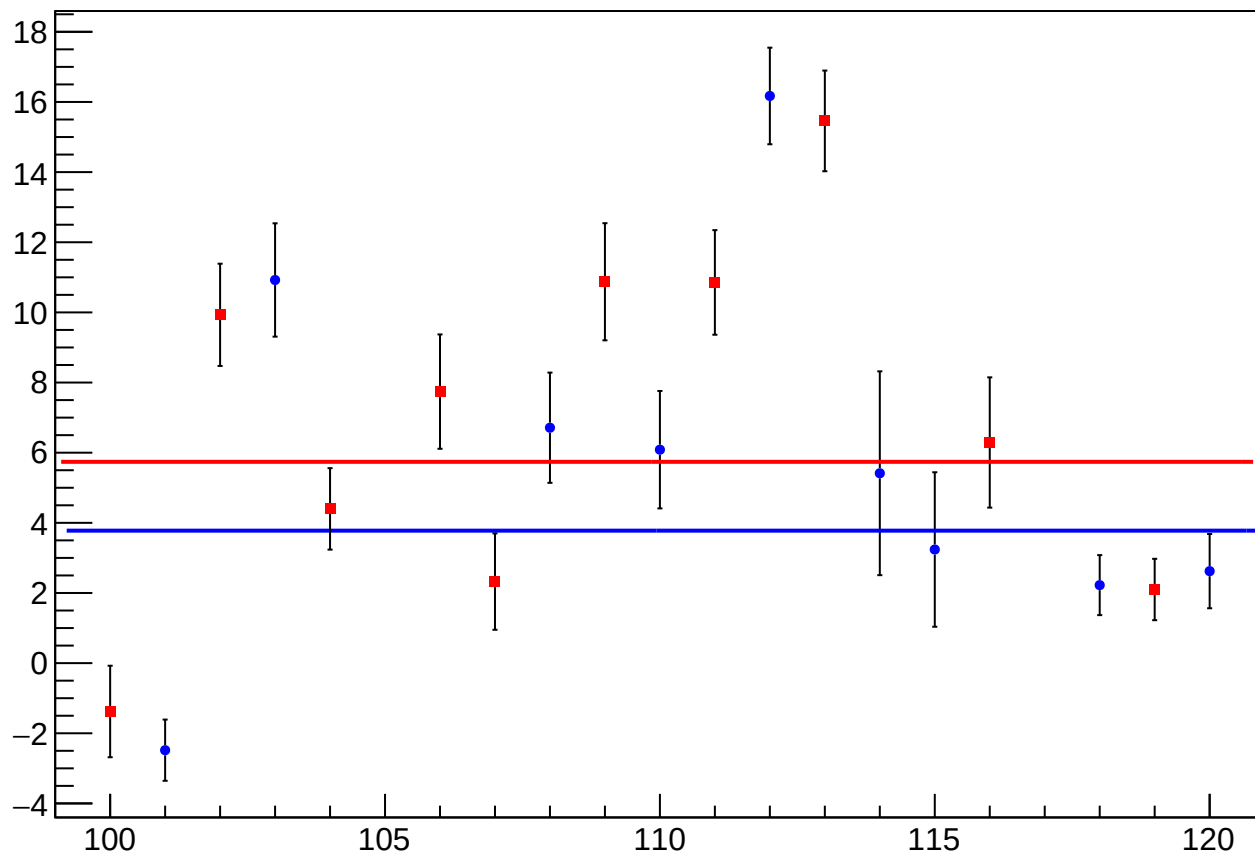
Right: -34.456 ± 0.288 χ^2/NDF : 1964.0/18

In: -34.932 ± 0.433 χ^2/NDF : 763.1/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -34.456 ± 0.288 χ^2/NDF : 1964.0/18

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.777+/-0.424 χ^2/NDF : 162.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.740+/-0.423 χ^2/NDF : 131.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

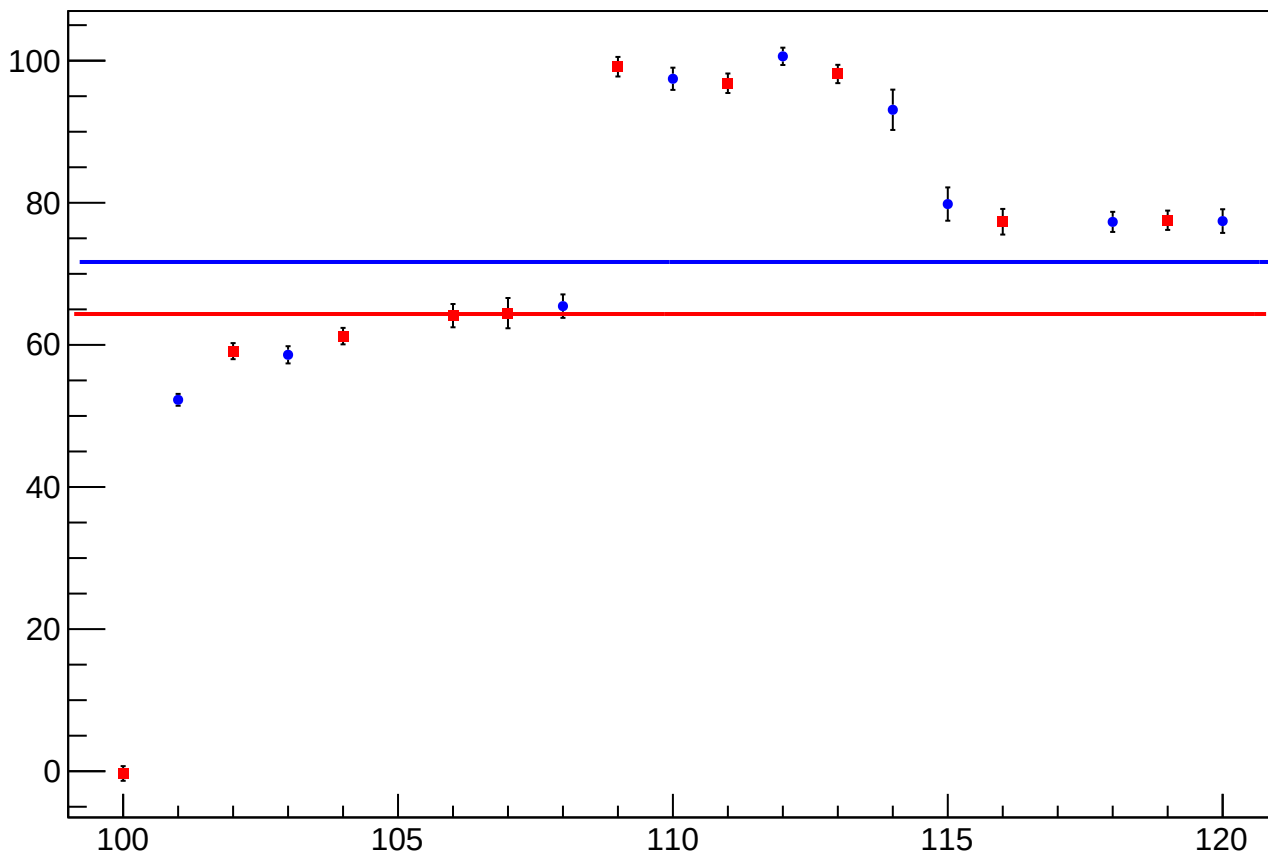
Right: 4.761+/-0.299 χ^2/NDF : 304.6/18

In: 3.777+/-0.424 χ^2/NDF : 162.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.761+/-0.299 χ^2/NDF : 304.6/18

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 71.668 $\pm$ 0.459 χ^2 /NDF: 1604.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 64.347 $\pm$ 0.424 χ^2 /NDF: 5976.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

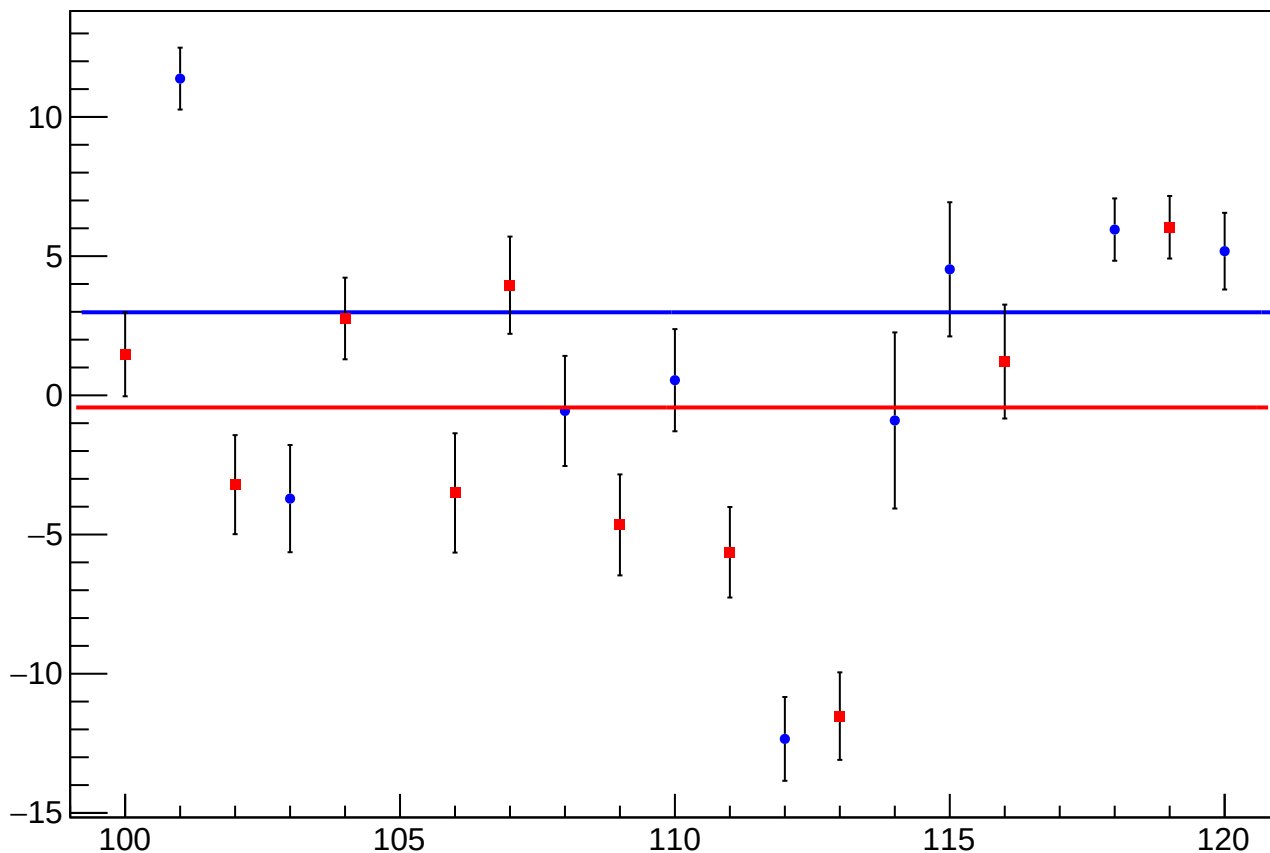
Right: 67.714 $\pm$ 0.312 χ^2 /NDF: 7717.7/18

In: 71.668 $\pm$ 0.459 χ^2 /NDF:1604.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 67.714 $\pm$ 0.312 χ^2 /NDF: 7717.7/18

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.983+/-0.522 χ^2/NDF : 189.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.436+/-0.507 χ^2/NDF : 116.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

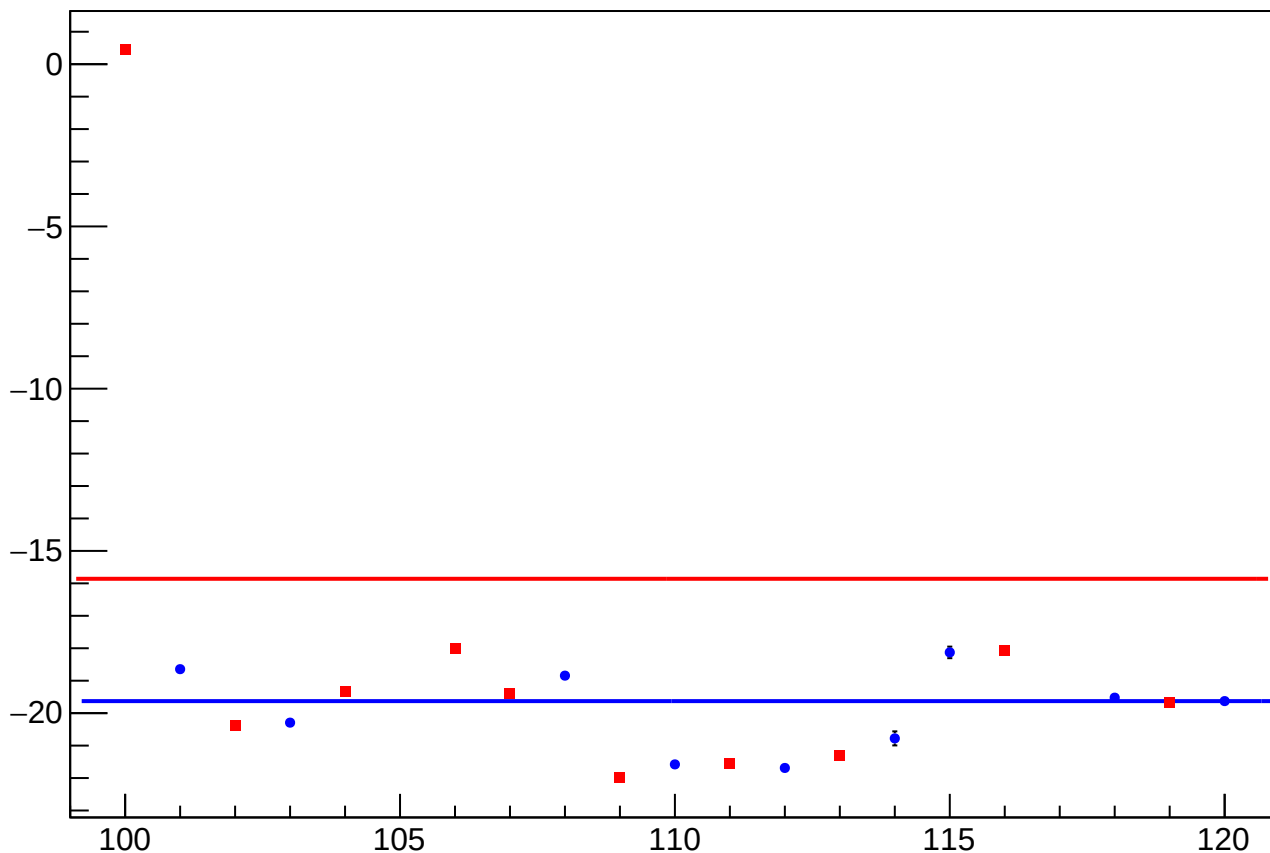
Right: 1.225+/-0.364 χ^2/NDF : 327.8/18

In: 2.983+/-0.522 χ^2/NDF : 189.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.225+/-0.364 χ^2/NDF : 327.8/18

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.629+/-0.027 χ^2/NDF : 1491.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.859+/-0.023 χ^2/NDF : 123398.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

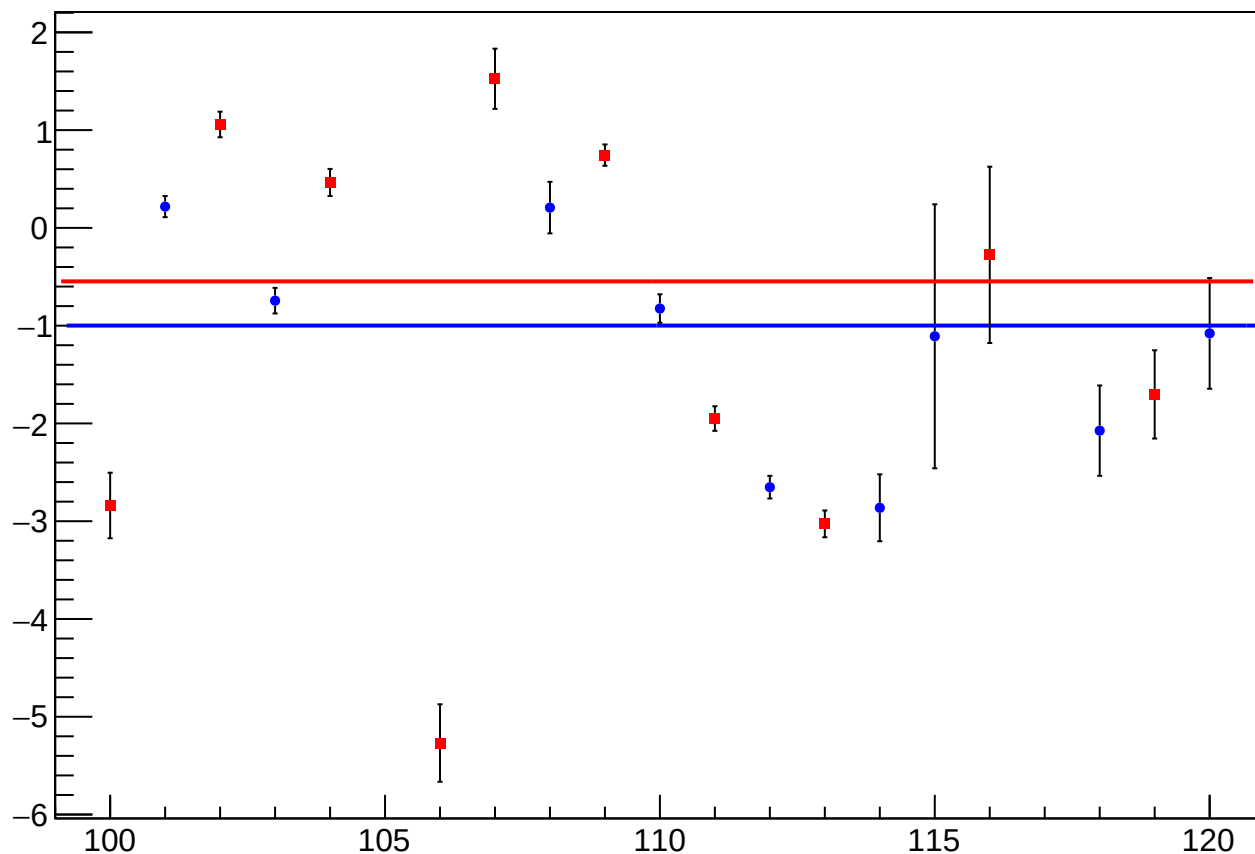
Right: -17.477+/-0.018 χ^2/NDF : 136055.0/18

In: -19.629+/-0.027 χ^2/NDF : 1491.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.477+/-0.018 χ^2/NDF : 136055.0/18

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.999+/-0.058 χ^2/NDF : 391.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.547+/-0.054 χ^2/NDF : 1036.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

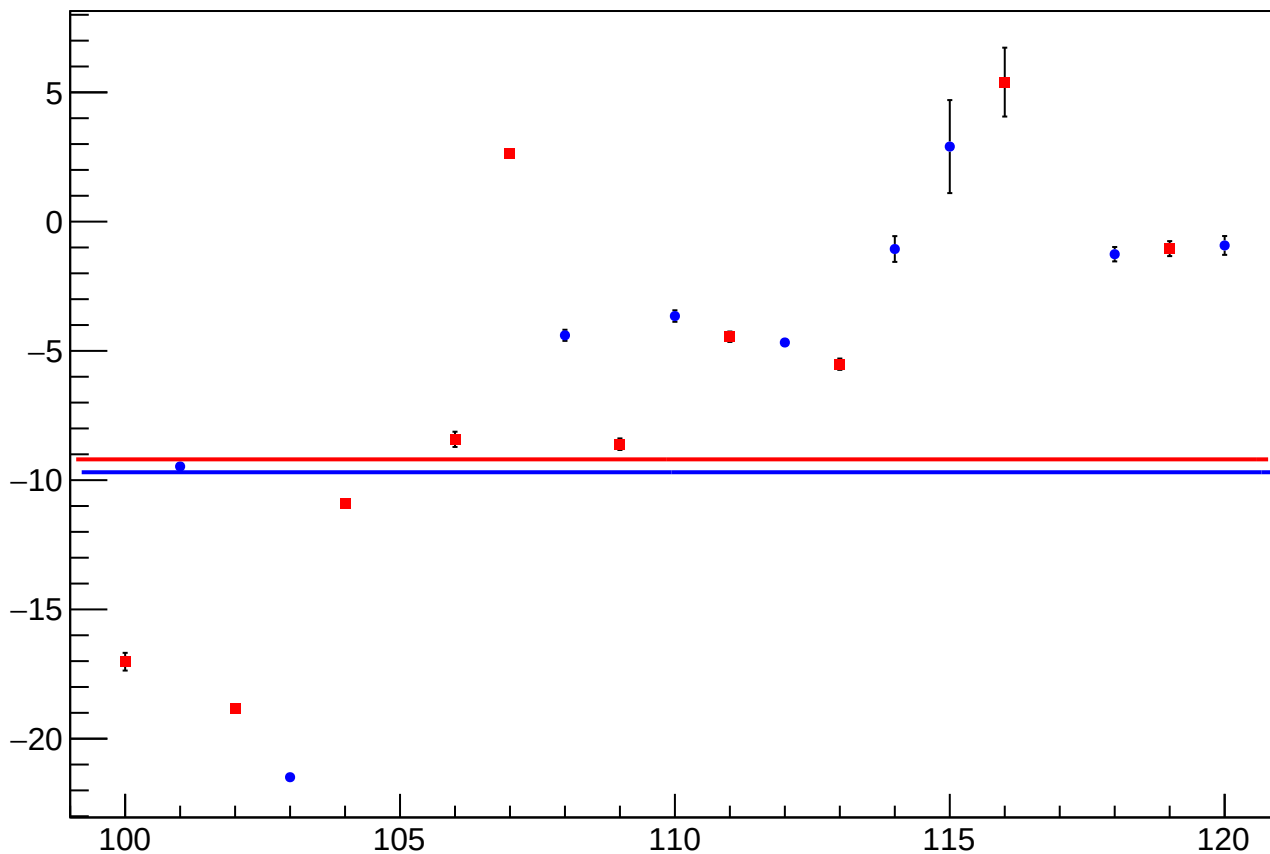
Right: -0.757+/-0.040 χ^2/NDF : 1460.6/18

In: -0.999+/-0.058 χ^2/NDF : 391.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.757+/-0.040 χ^2/NDF : 1460.6/18

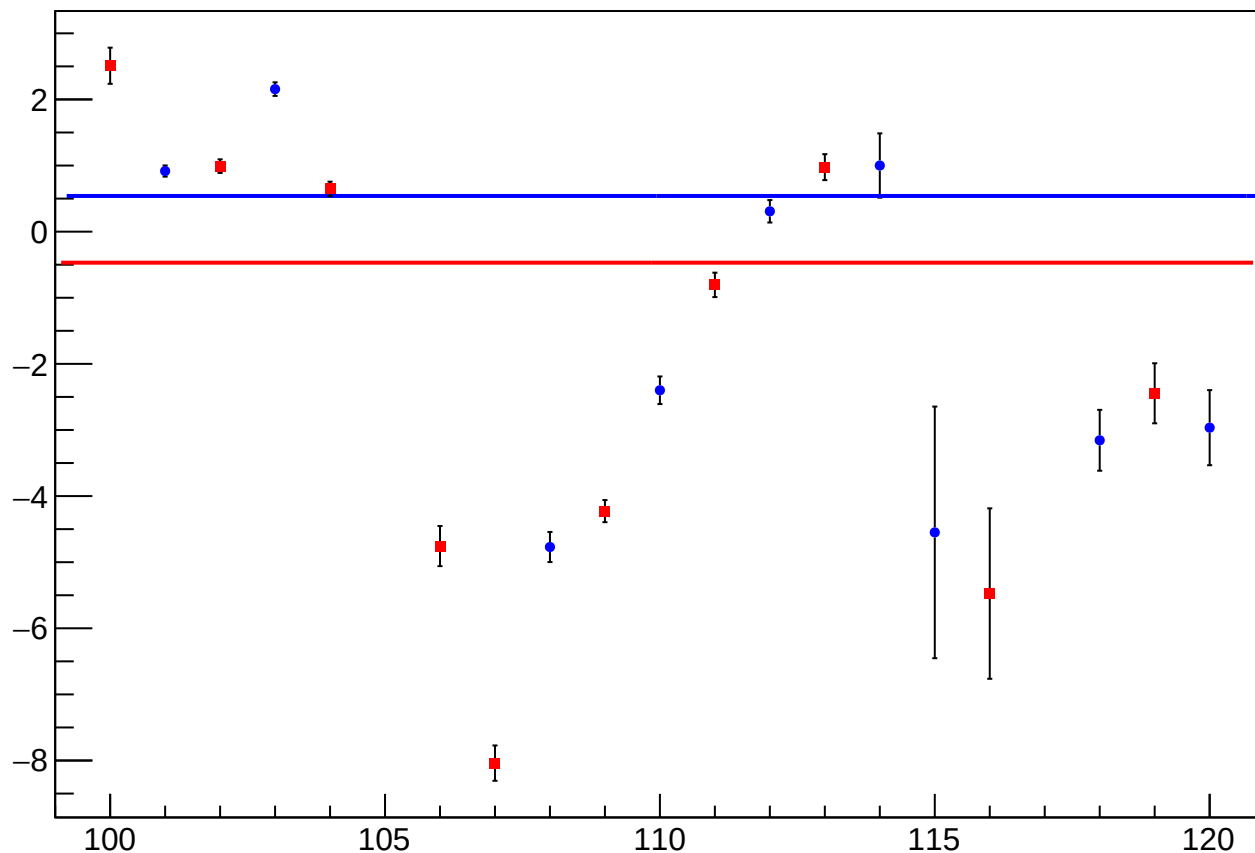
reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -9.694+/-0.061 χ^2/NDF : 11098.4/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -9.196+/-0.062 χ^2/NDF : 12060.9/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -9.452+/-0.043 χ^2/NDF : 23192.2/18
 In: -9.694+/-0.061 χ^2/NDF : 11098.4/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -9.452+/-0.043 χ^2/NDF : 23192.2/18

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.540+/-0.056 χ^2/NDF : 1122.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.469+/-0.057 χ^2/NDF : 2023.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

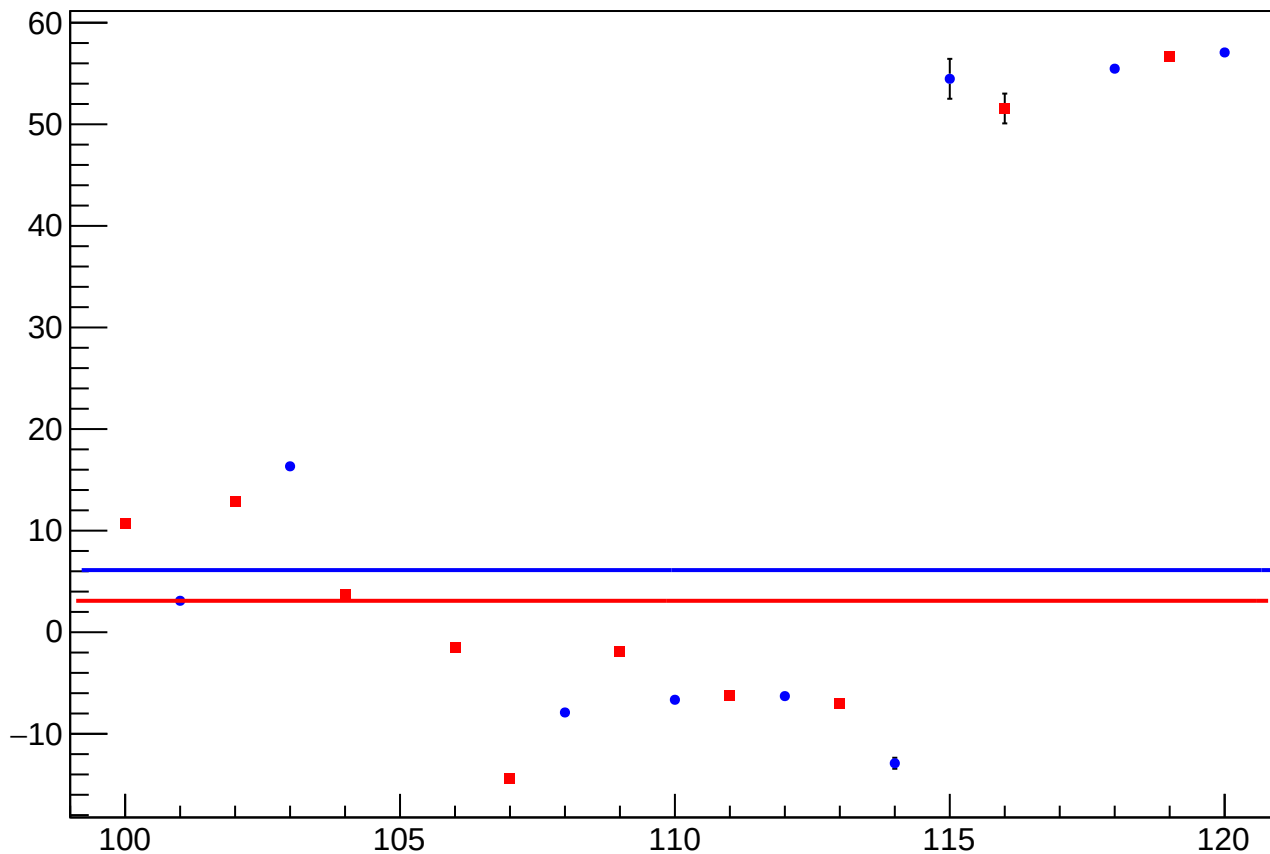
Right: 0.044+/-0.040 χ^2/NDF : 3307.3/18

In: 0.540+/-0.056 χ^2/NDF : 1122.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.044+/-0.040 χ^2/NDF : 3307.3/18

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.117+/-0.073 χ^2/NDF : 45353.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.095+/-0.074 χ^2/NDF : 36142.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

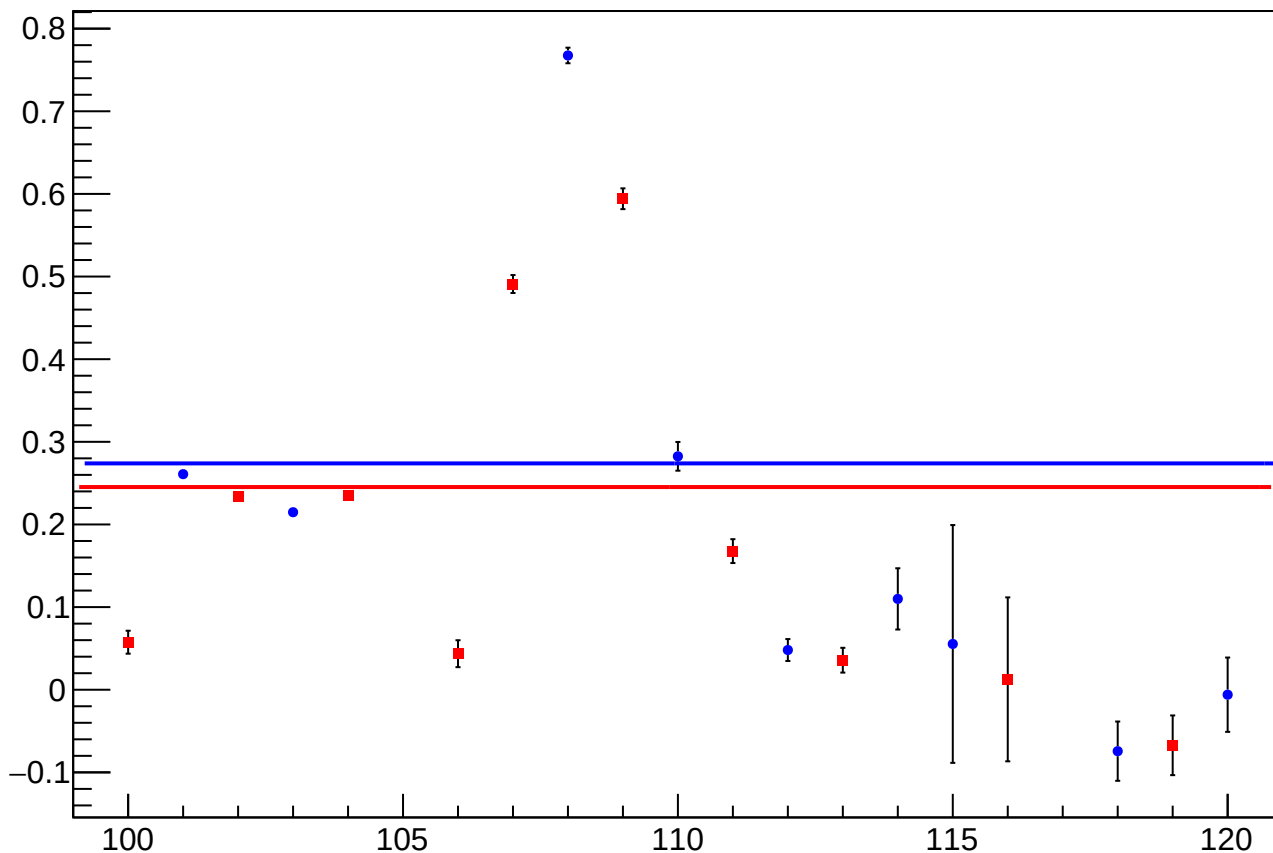
Right: 4.625+/-0.052 χ^2/NDF : 82332.2/18

In: 6.117+/-0.073 χ^2/NDF : 45353.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.625+/-0.052 χ^2/NDF : 82332.2/18

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.274+/-0.003 χ^2/NDF : 3383.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.245+/-0.003 χ^2/NDF : 1932.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

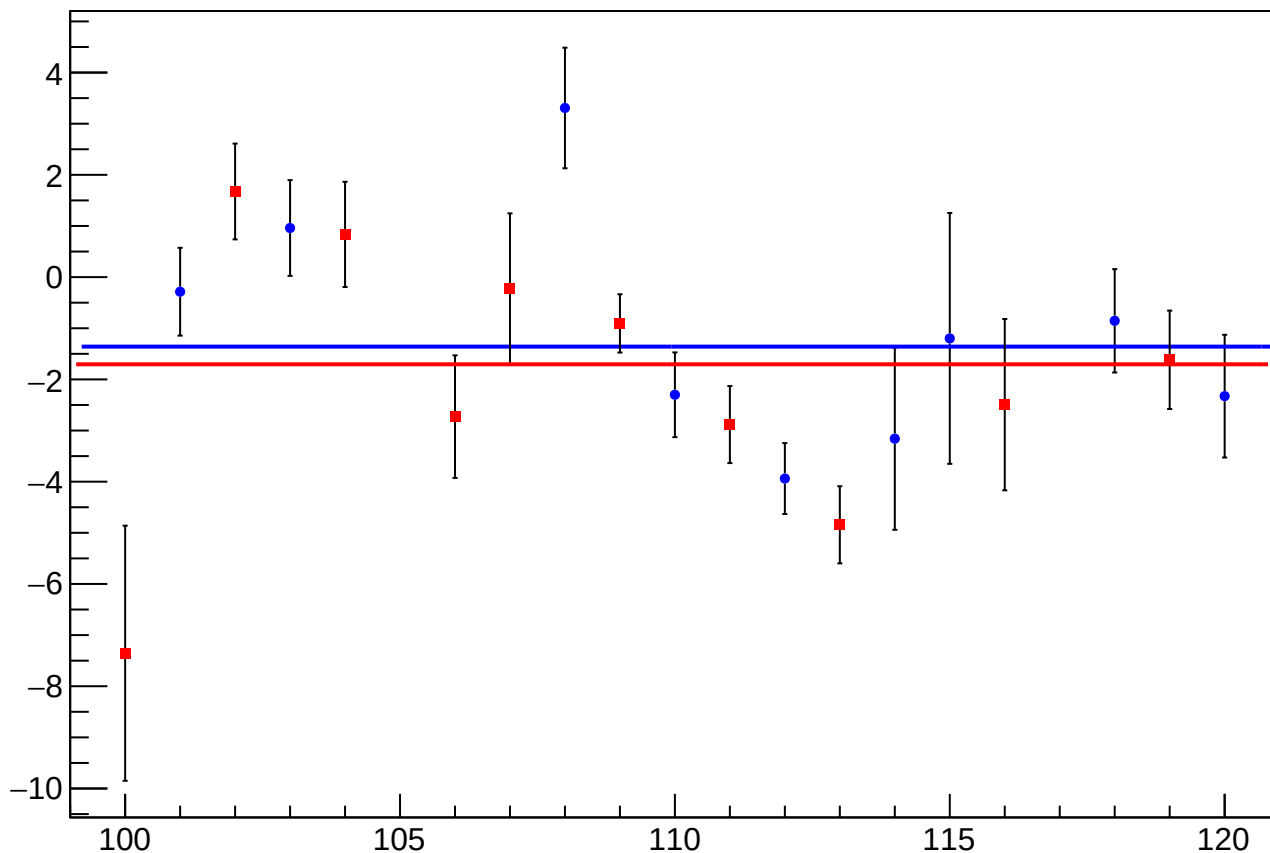
Right: 0.259+/-0.002 χ^2/NDF : 5365.2/18

In: 0.274+/-0.003 χ^2/NDF : 3383.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.259+/-0.002 χ^2/NDF : 5365.2/18

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.359 ± 0.335 χ^2/NDF : 40.4/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.705 ± 0.296 χ^2/NDF : 48.0/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

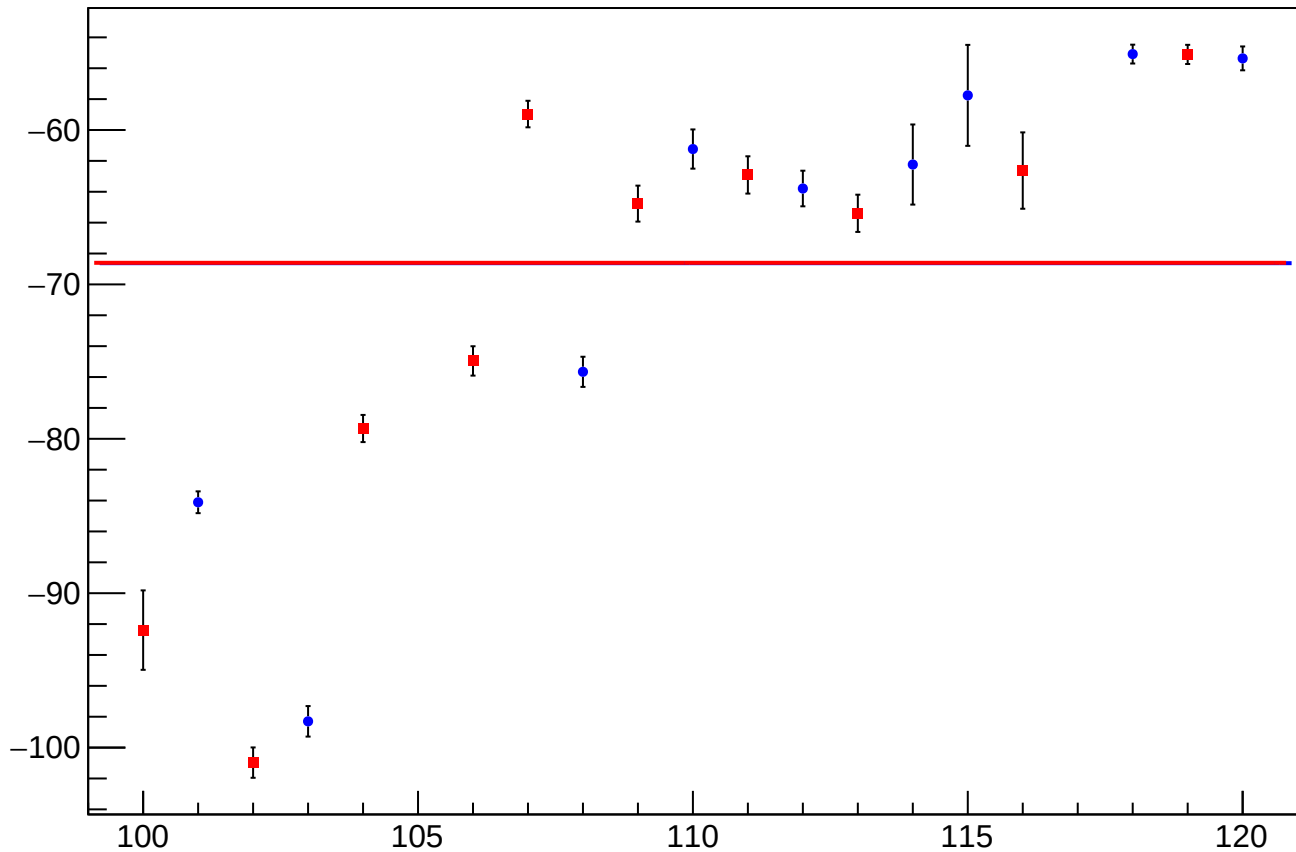
Right: -1.554 ± 0.222 χ^2/NDF : 89.0/18

In: -1.359 ± 0.335 χ^2/NDF : 40.4/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.554 ± 0.222 χ^2/NDF : 89.0/18

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -68.625 $\pm$ 0.315 χ^2 /NDF: 2289.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -68.602 $\pm$ 0.319 χ^2 /NDF: 2007.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

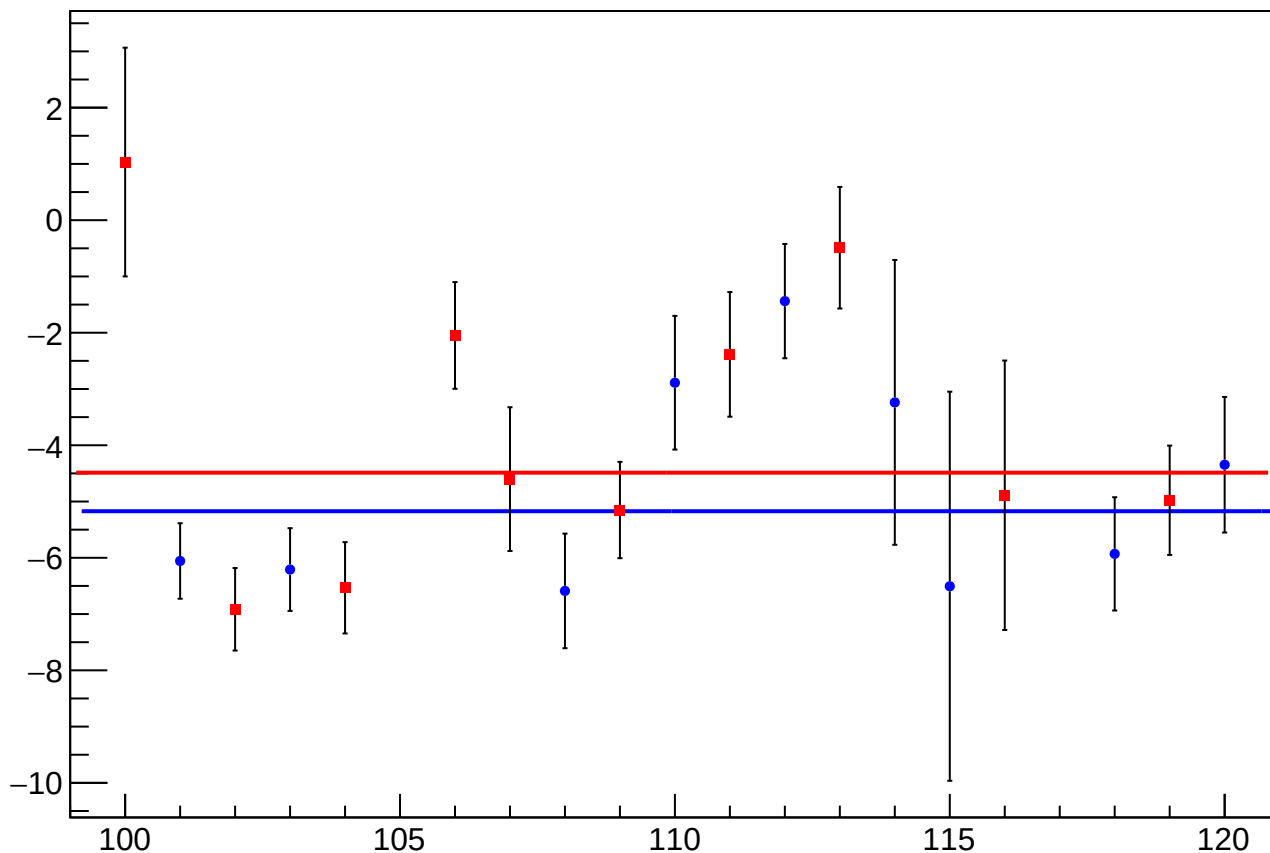
Right: -68.614 $\pm$ 0.224 χ^2 /NDF: 4297.4/18

In: -68.625 $\pm$ 0.315 χ^2 /NDF:2289.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -68.614 $\pm$ 0.224 χ^2 /NDF: 4297.4/18

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.172 $\pm$ 0.340 χ^2 /NDF: 24.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -4.487 $\pm$ 0.323 χ^2 /NDF: 49.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

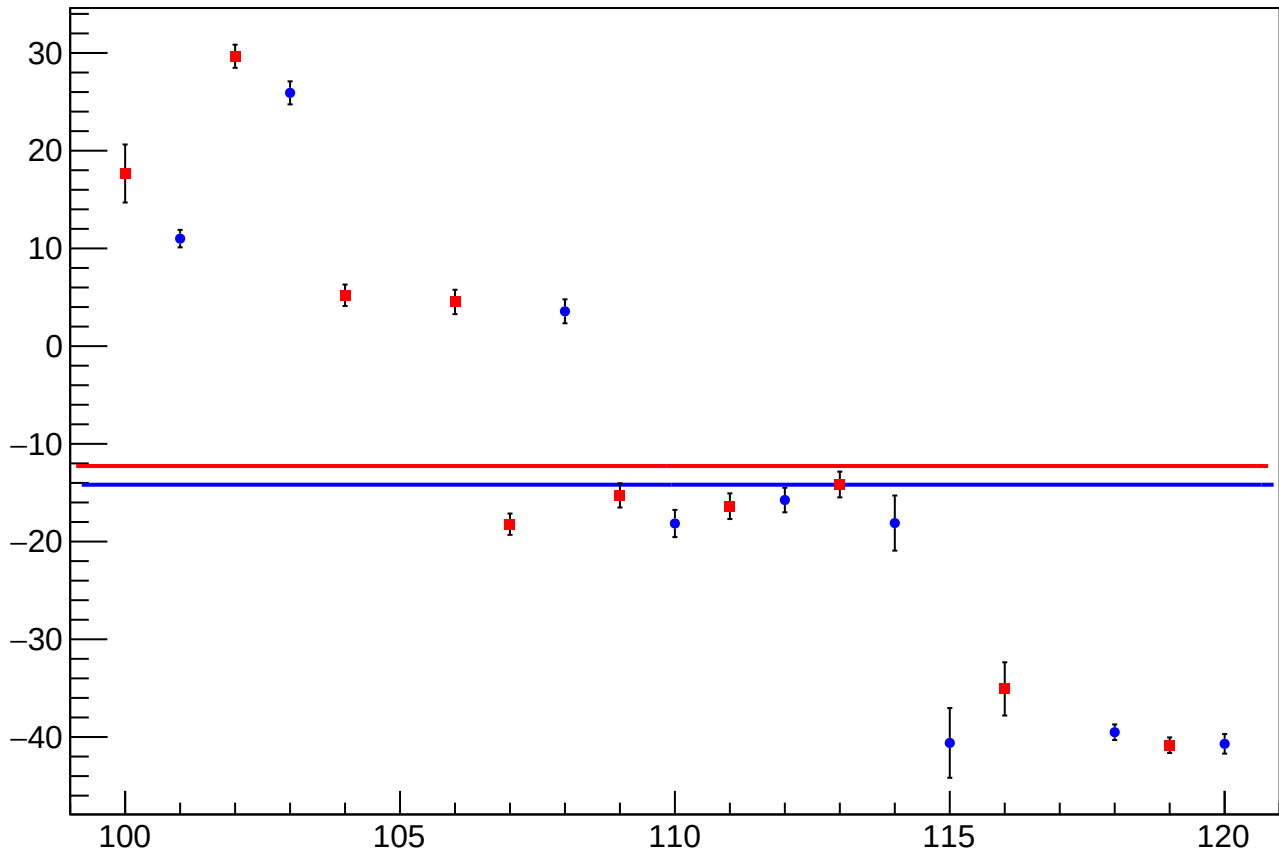
Right: -4.811 $\pm$ 0.234 χ^2 /NDF: 76.2/18

In: -5.172 $\pm$ 0.340 χ^2 /NDF:24.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.811 $\pm$ 0.234 χ^2 /NDF: 76.2/18

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -14.182 $\pm$ 0.390 χ^2 /NDF: 3938.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -12.269 $\pm$ 0.388 χ^2 /NDF: 3188.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

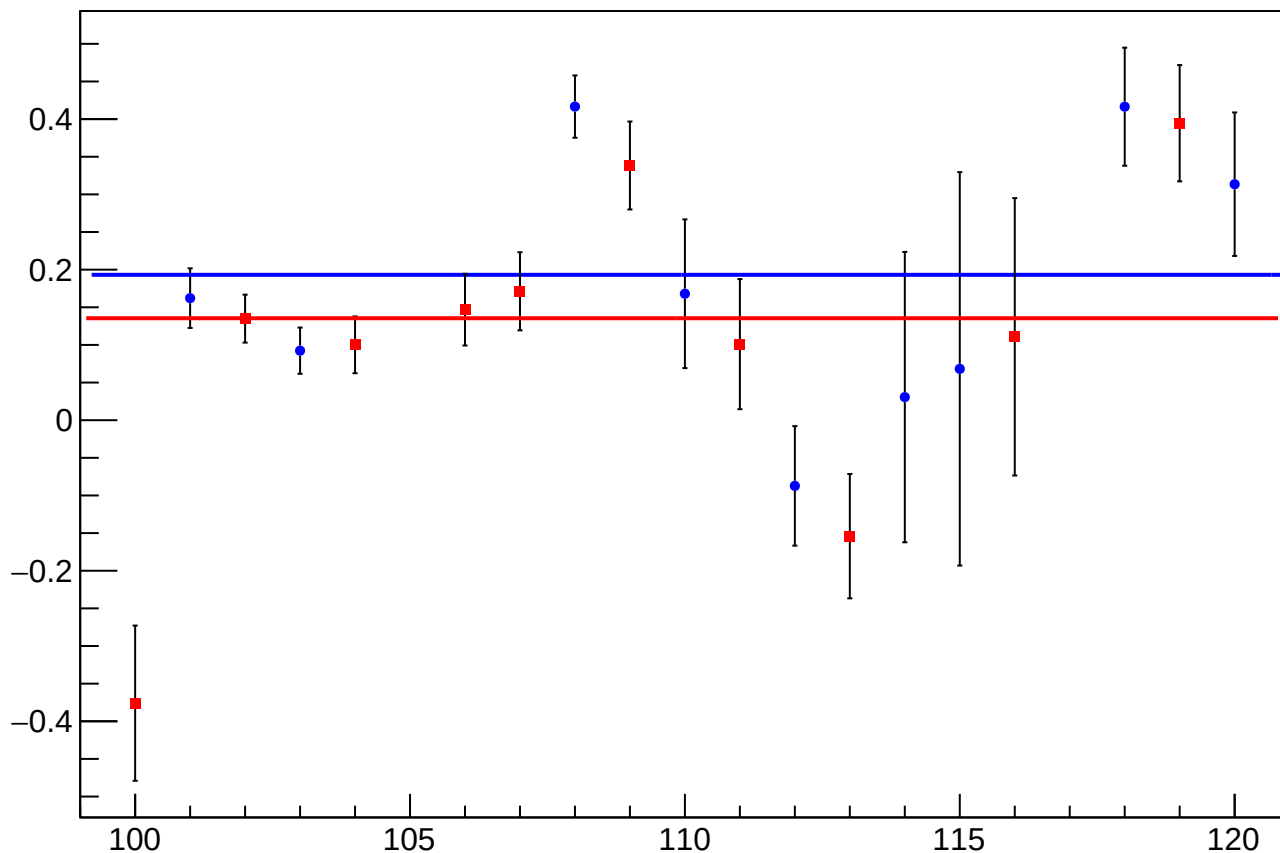
Right: -13.219 $\pm$ 0.275 χ^2 /NDF: 7138.4/18

In: -14.182 $\pm$ 0.390 χ^2 /NDF:3938.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -13.219 $\pm$ 0.275 χ^2 /NDF: 7138.4/18

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.193+/-0.019 χ^2/NDF : 63.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.135+/-0.017 χ^2/NDF : 61.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

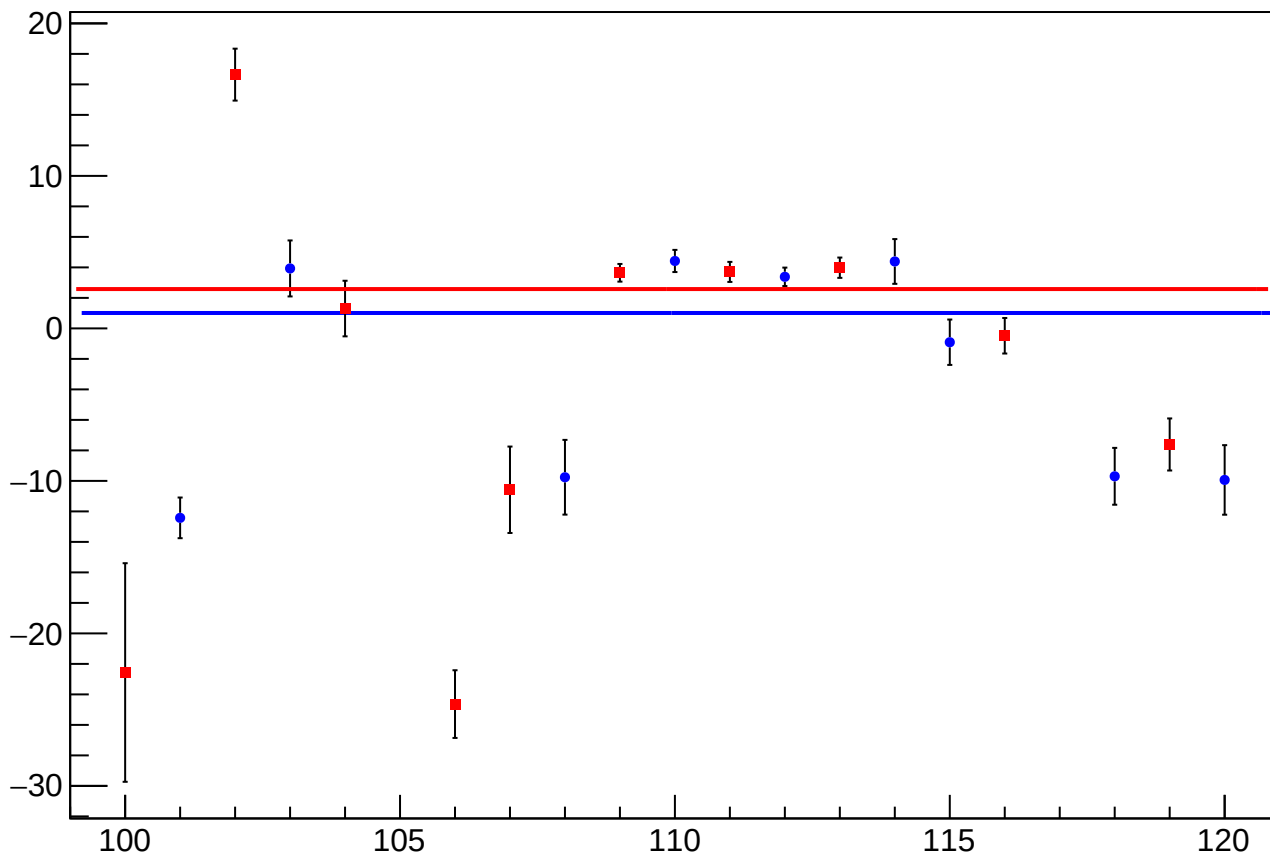
Right: 0.162+/-0.013 χ^2/NDF : 130.6/18

In: 0.193+/-0.019 χ^2/NDF : 63.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.162+/-0.013 χ^2/NDF : 130.6/18

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.011+/-0.376 χ^2/NDF : 223.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.579+/-0.322 χ^2/NDF : 306.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

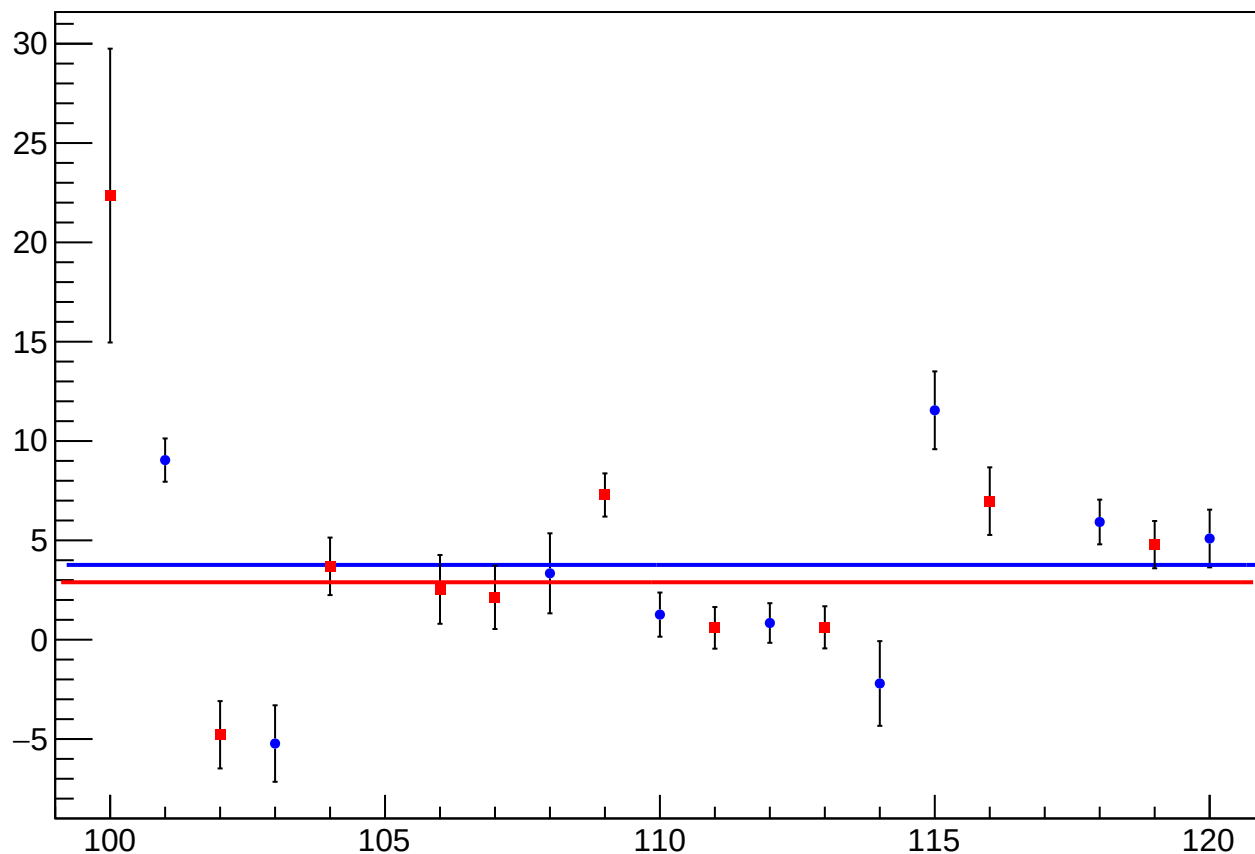
Right: 1.915+/-0.245 χ^2/NDF : 540.1/18

In: 1.011+/-0.376 χ^2/NDF : 223.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.915+/-0.245 χ^2/NDF : 540.1/18

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.764+/-0.451 χ^2/NDF : 87.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.892+/-0.436 χ^2/NDF : 62.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

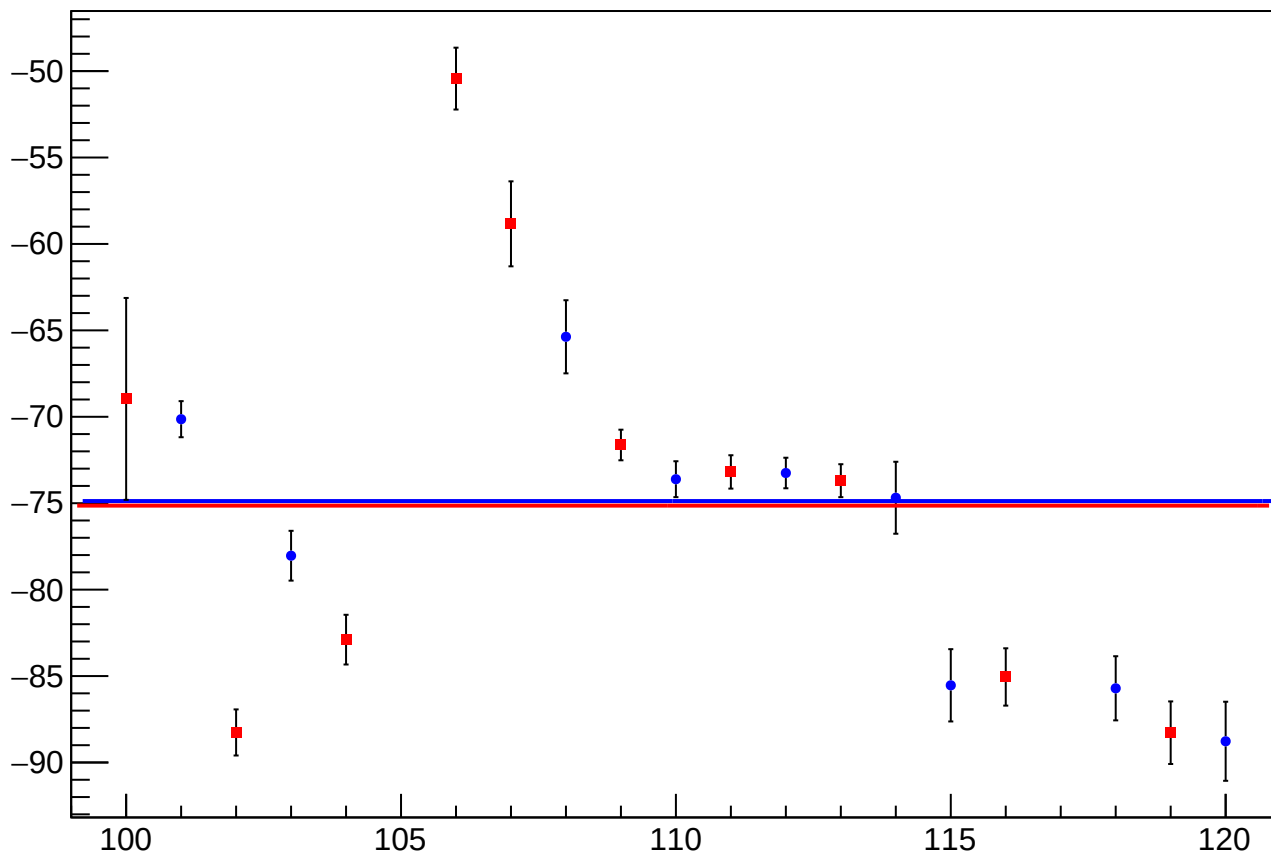
Right: 3.313+/-0.313 χ^2/NDF : 151.0/18

In: 3.764+/-0.451 χ^2/NDF : 87.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.313+/-0.313 χ^2/NDF : 151.0/18

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -74.875+/-0.458 χ^2/NDF : 147.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -75.138+/-0.420 χ^2/NDF : 472.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

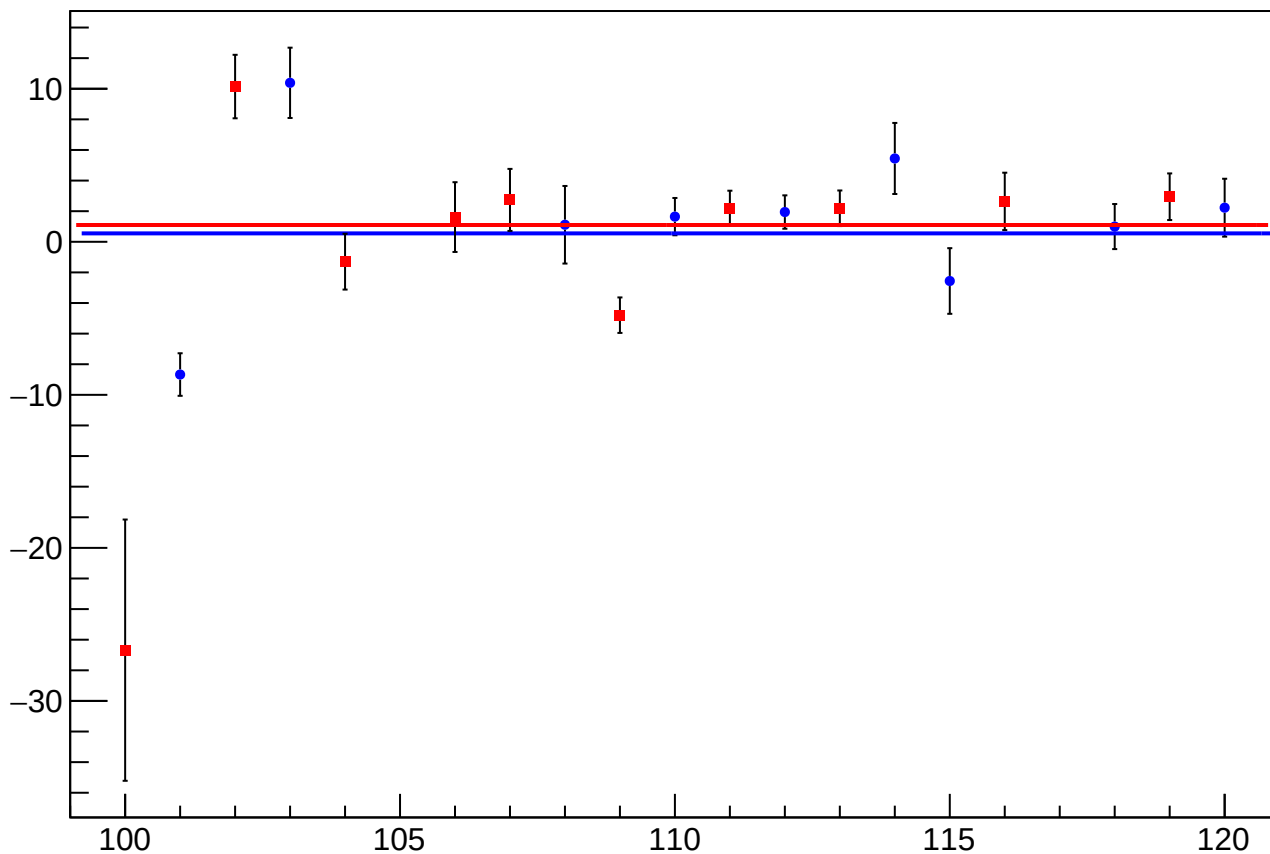
Right: -75.018+/-0.309 χ^2/NDF : 619.7/18

In: -74.875+/-0.458 χ^2/NDF : 147.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -75.018+/-0.309 χ^2/NDF : 619.7/18

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.550+/-0.533 χ^2/NDF : 72.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.098+/-0.503 χ^2/NDF : 61.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

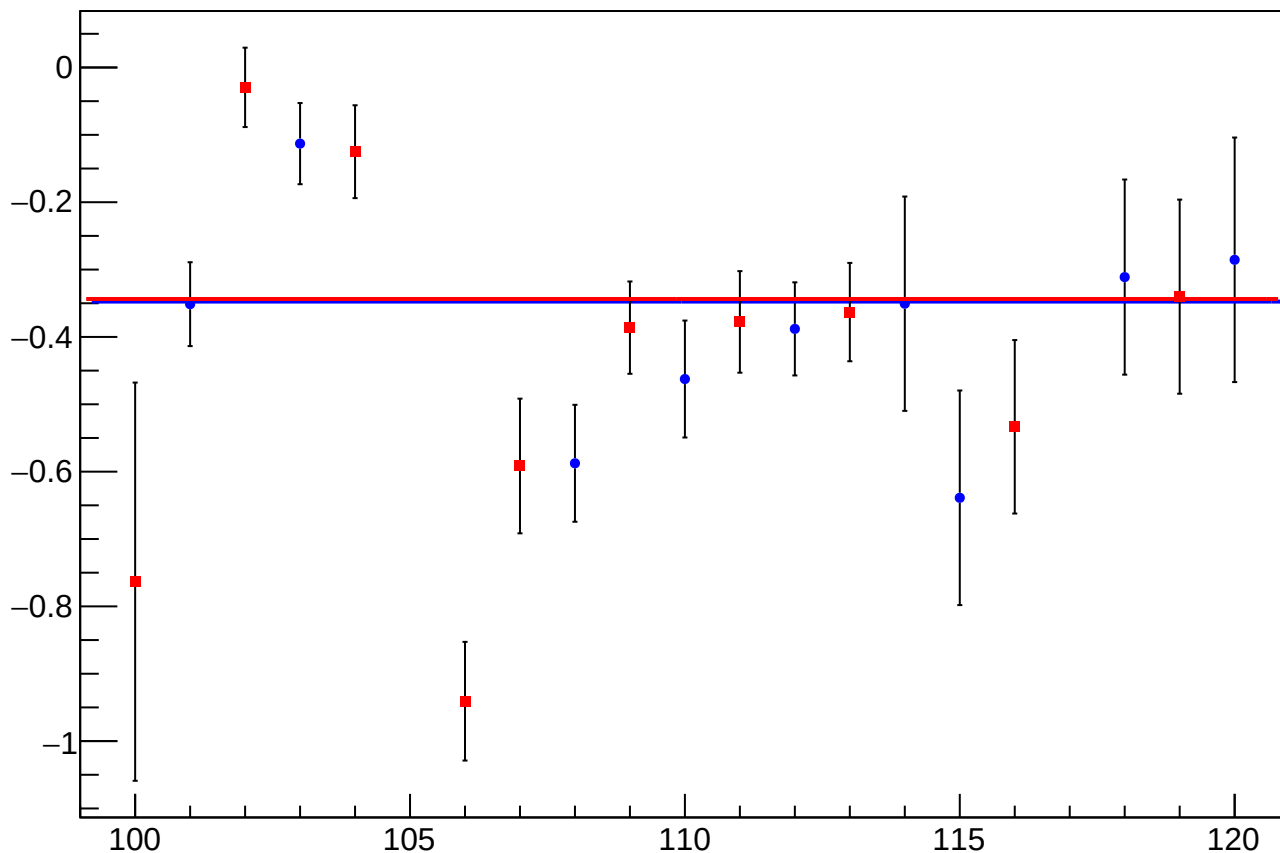
Right: 0.840+/-0.366 χ^2/NDF : 134.6/18

In: 0.550+/-0.533 χ^2/NDF : 72.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.840+/-0.366 χ^2/NDF : 134.6/18

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.347+/-0.029 χ^2/NDF : 28.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.344+/-0.027 χ^2/NDF : 95.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

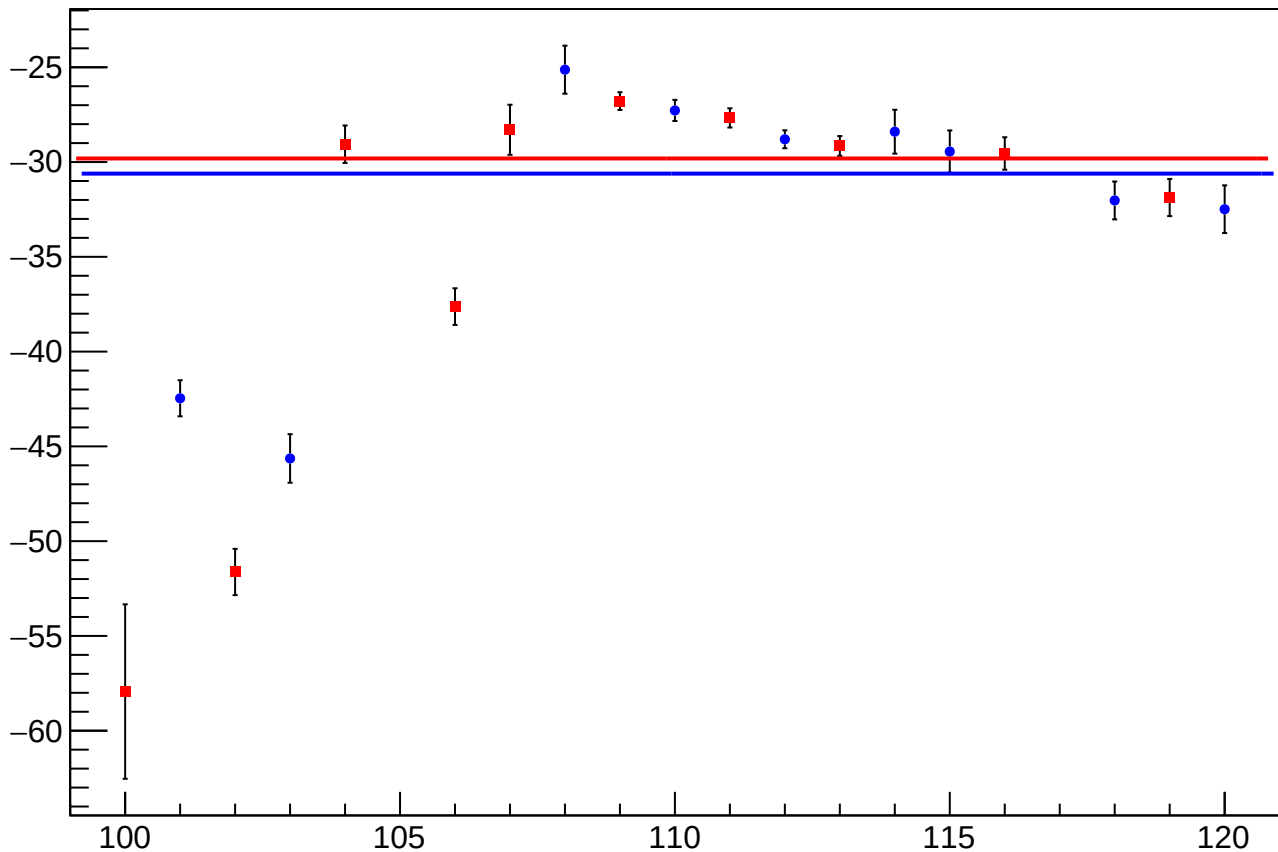
Right: -0.345+/-0.020 χ^2/NDF : 123.8/18

In: -0.347+/-0.029 χ^2/NDF : 28.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.345+/-0.020 χ^2/NDF : 123.8/18

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -30.610 $\pm$ 0.275 χ^2 /NDF: 370.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -29.812 $\pm$ 0.236 χ^2 /NDF: 489.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

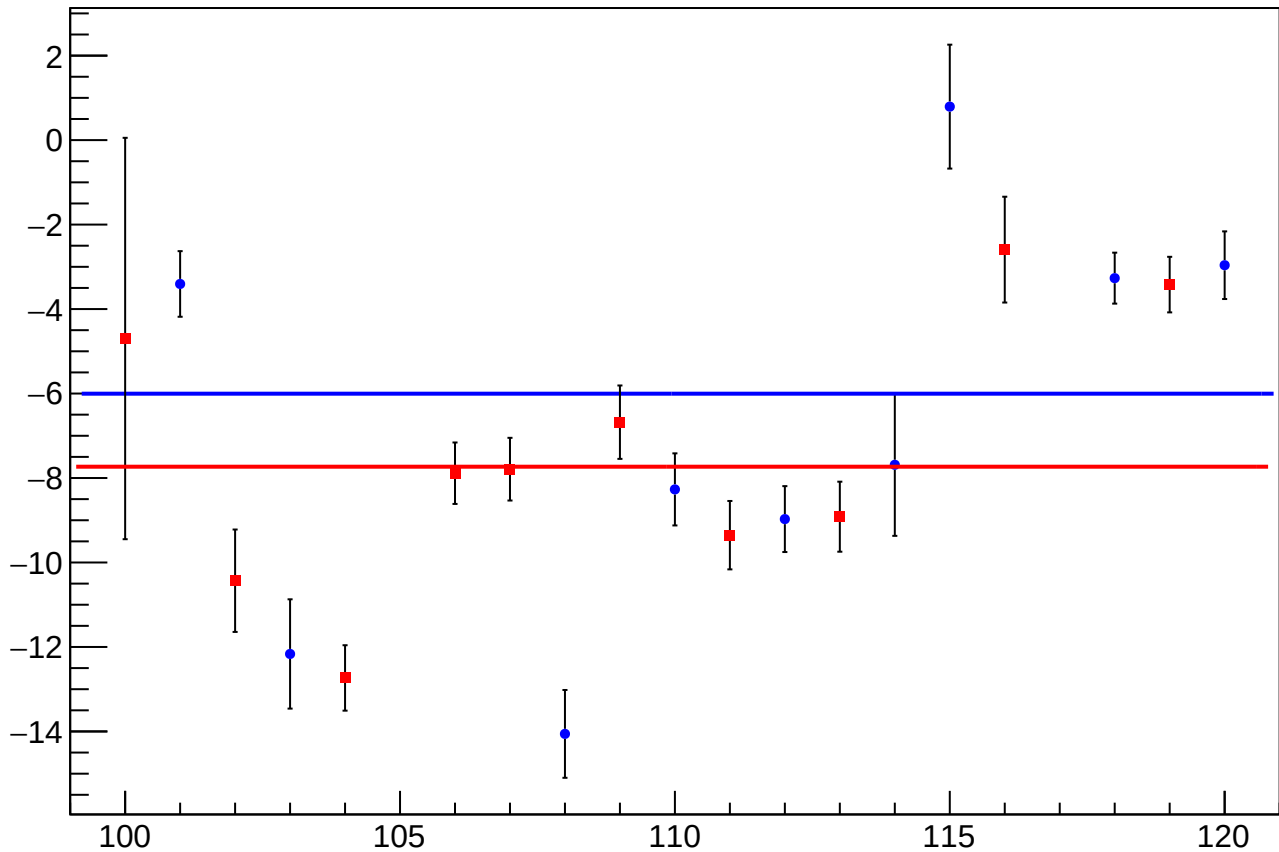
Right: -30.151 $\pm$ 0.179 χ^2 /NDF: 865.4/18

In: -30.610 $\pm$ 0.275 χ^2 /NDF: 370.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -30.151 $\pm$ 0.179 χ^2 /NDF: 865.4/18

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.004 ± 0.297 χ^2/NDF : 172.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.732 ± 0.274 χ^2/NDF : 114.4/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

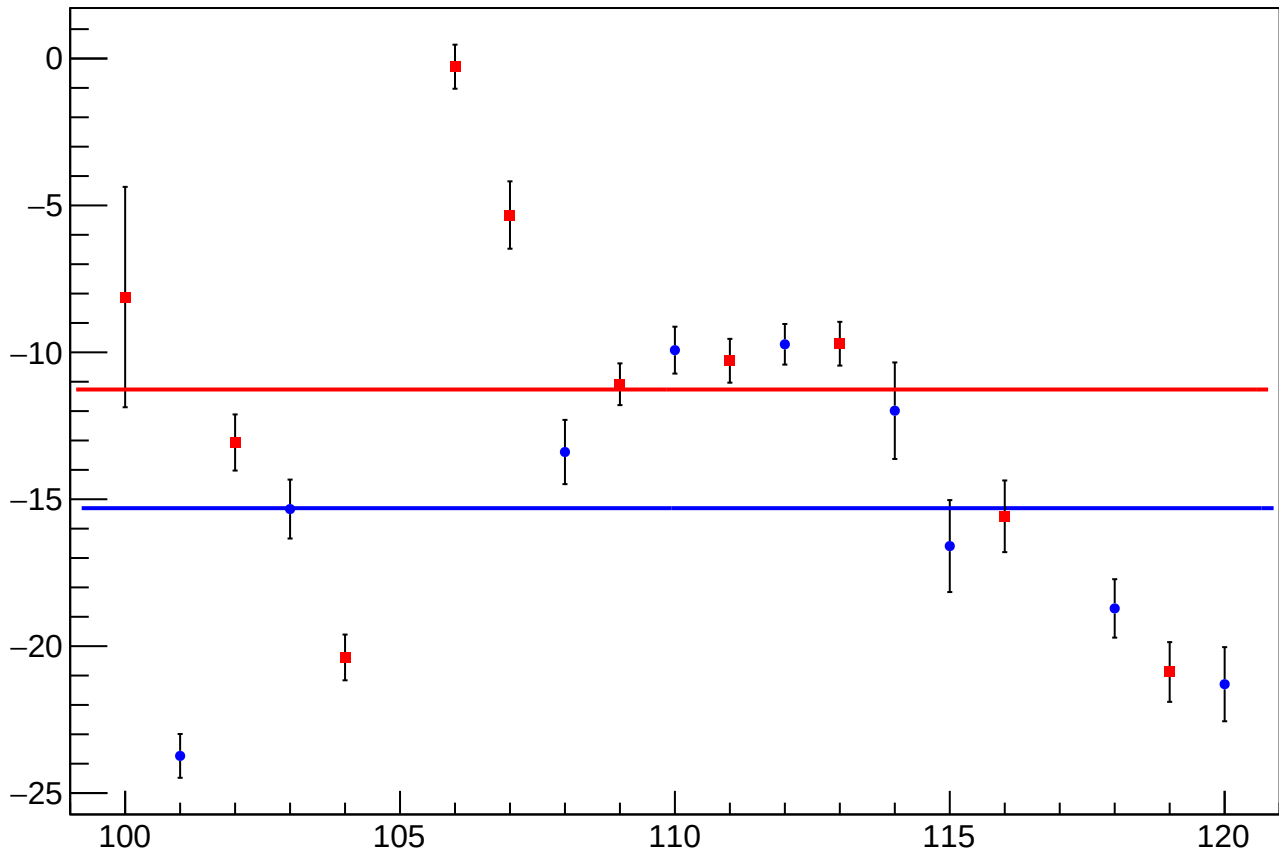
Right: -6.939 ± 0.201 χ^2/NDF : 305.6/18

In: -6.004 ± 0.297 χ^2/NDF : 172.9/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.939 ± 0.201 χ^2/NDF : 305.6/18

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -15.304 ± 0.321 χ^2/NDF : 280.7/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -11.265 ± 0.282 χ^2/NDF : 491.1/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

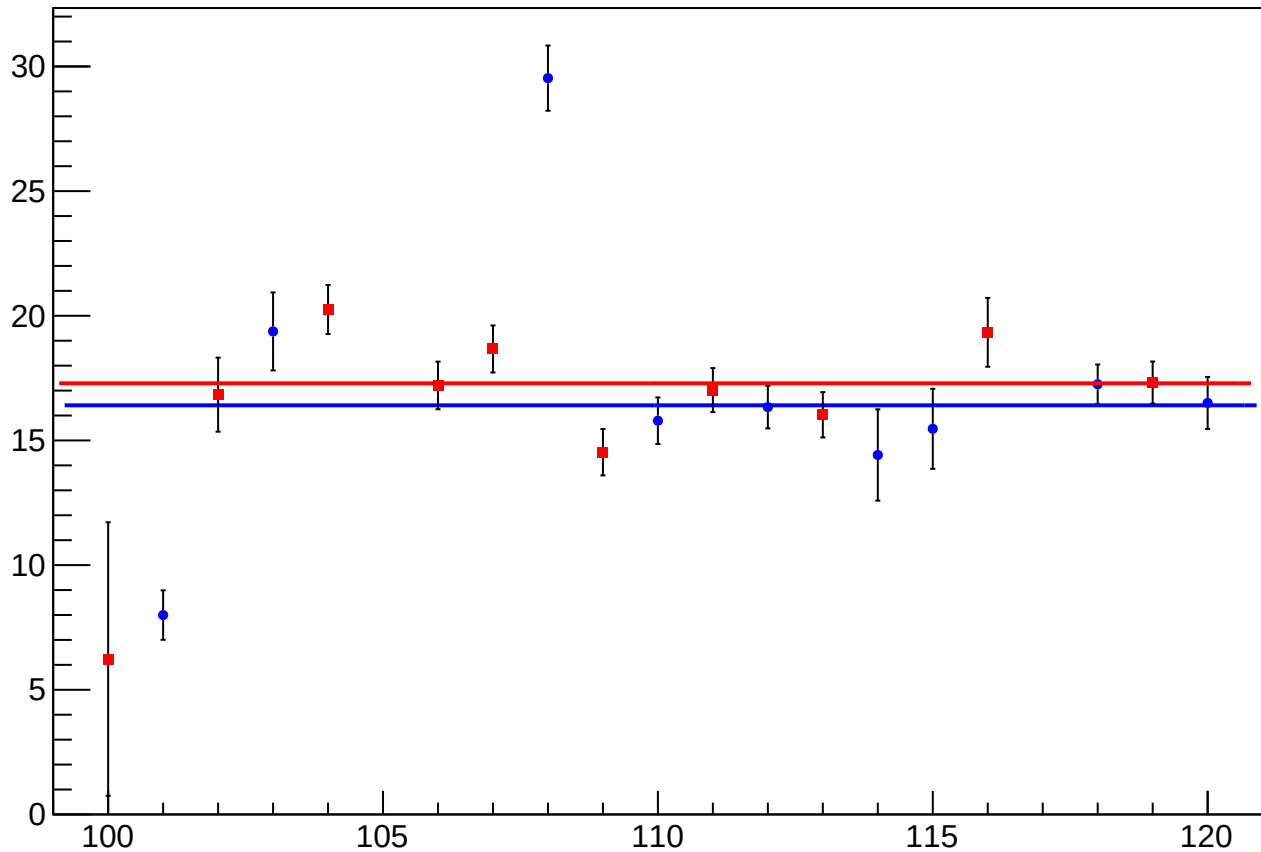
Right: -13.025 ± 0.212 χ^2/NDF : 861.2/18

In: -15.304 ± 0.321 χ^2/NDF : 280.7/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.025 ± 0.212 χ^2/NDF : 861.2/18

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.409+/-0.360 χ^2/NDF : 179.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.291+/-0.328 χ^2/NDF : 28.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

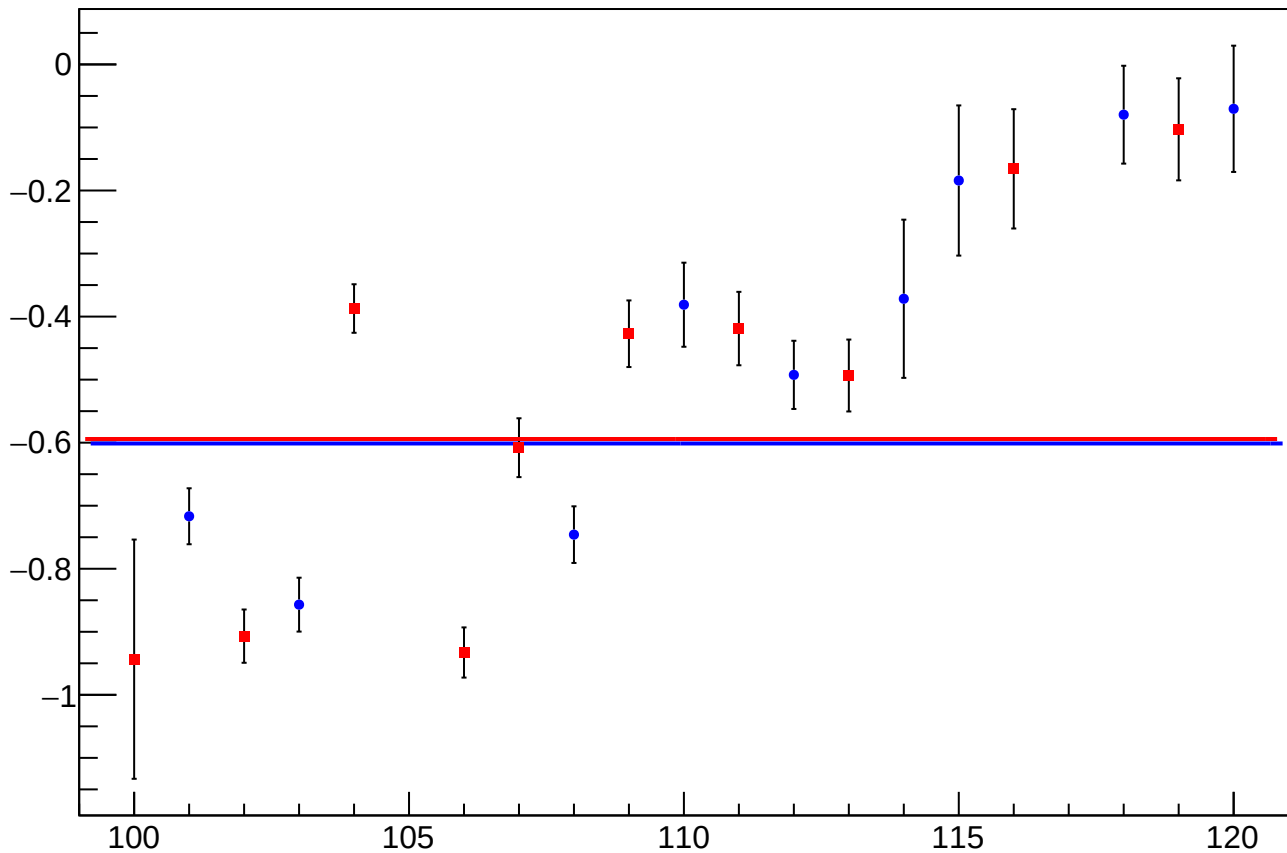
Right: 16.891+/-0.242 χ^2/NDF : 211.0/18

In: 16.409+/-0.360 χ^2/NDF : 179.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.891+/-0.242 χ^2/NDF : 211.0/18

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.601 ± 0.020 χ^2/NDF : 156.7/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.594 ± 0.017 χ^2/NDF : 239.0/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

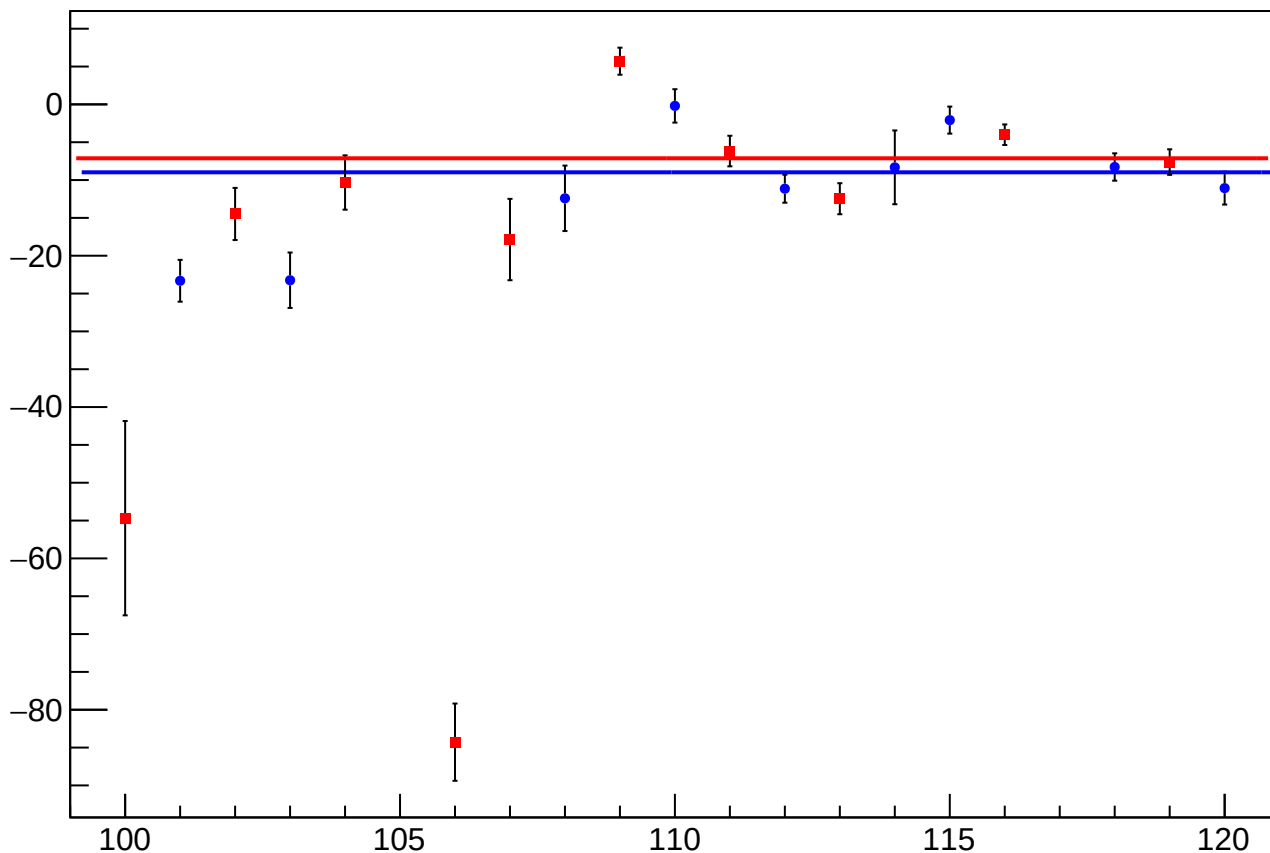
Right: -0.597 ± 0.013 χ^2/NDF : 395.8/18

In: -0.601 ± 0.020 χ^2/NDF : 156.7/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.597 ± 0.013 χ^2/NDF : 395.8/18

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -8.976+/-0.783 χ^2/NDF : 75.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.125+/-0.720 χ^2/NDF : 315.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

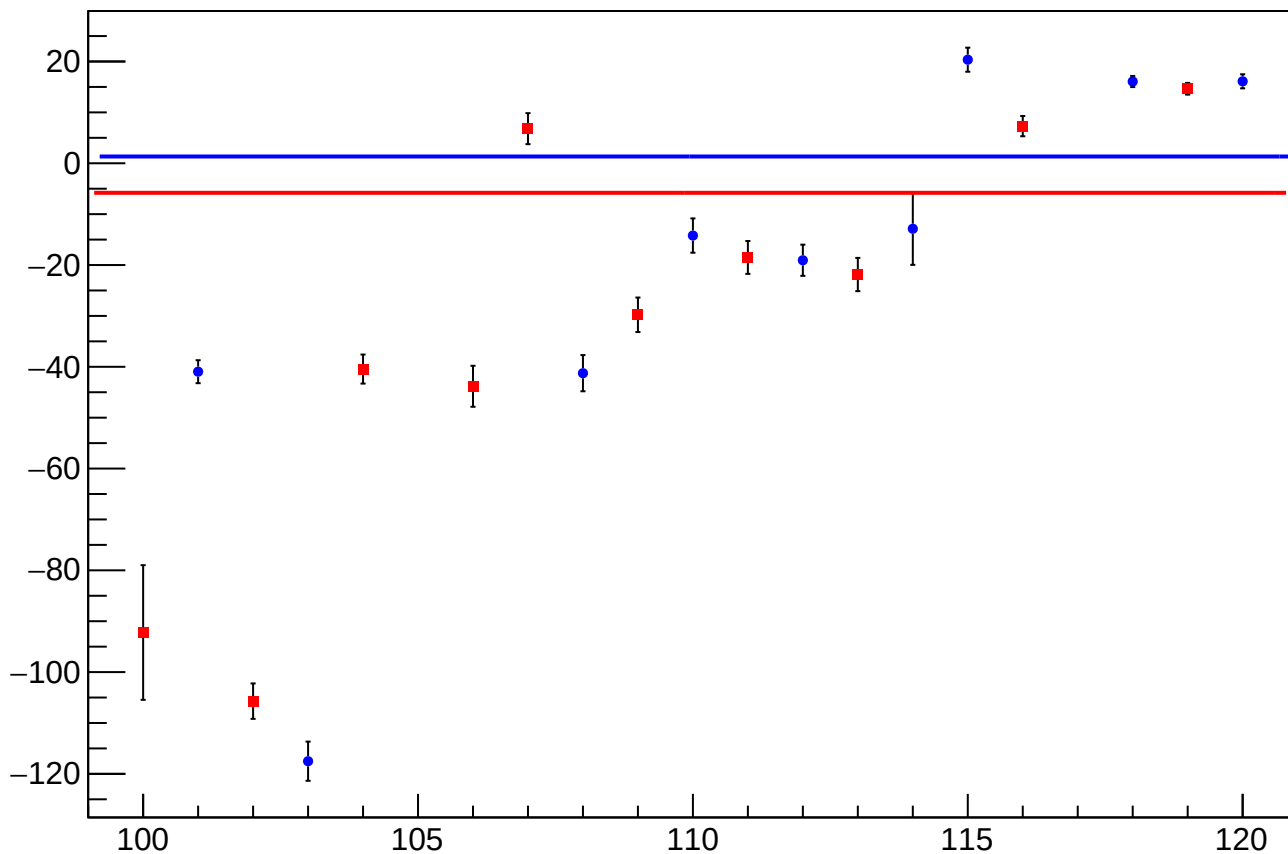
Right: -7.973+/-0.530 χ^2/NDF : 394.4/18

In: -8.976+/-0.783 χ^2/NDF : 75.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.973+/-0.530 χ^2/NDF : 394.4/18

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.332+/-0.690 χ^2/NDF : 1878.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.805+/-0.775 χ^2/NDF : 1569.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

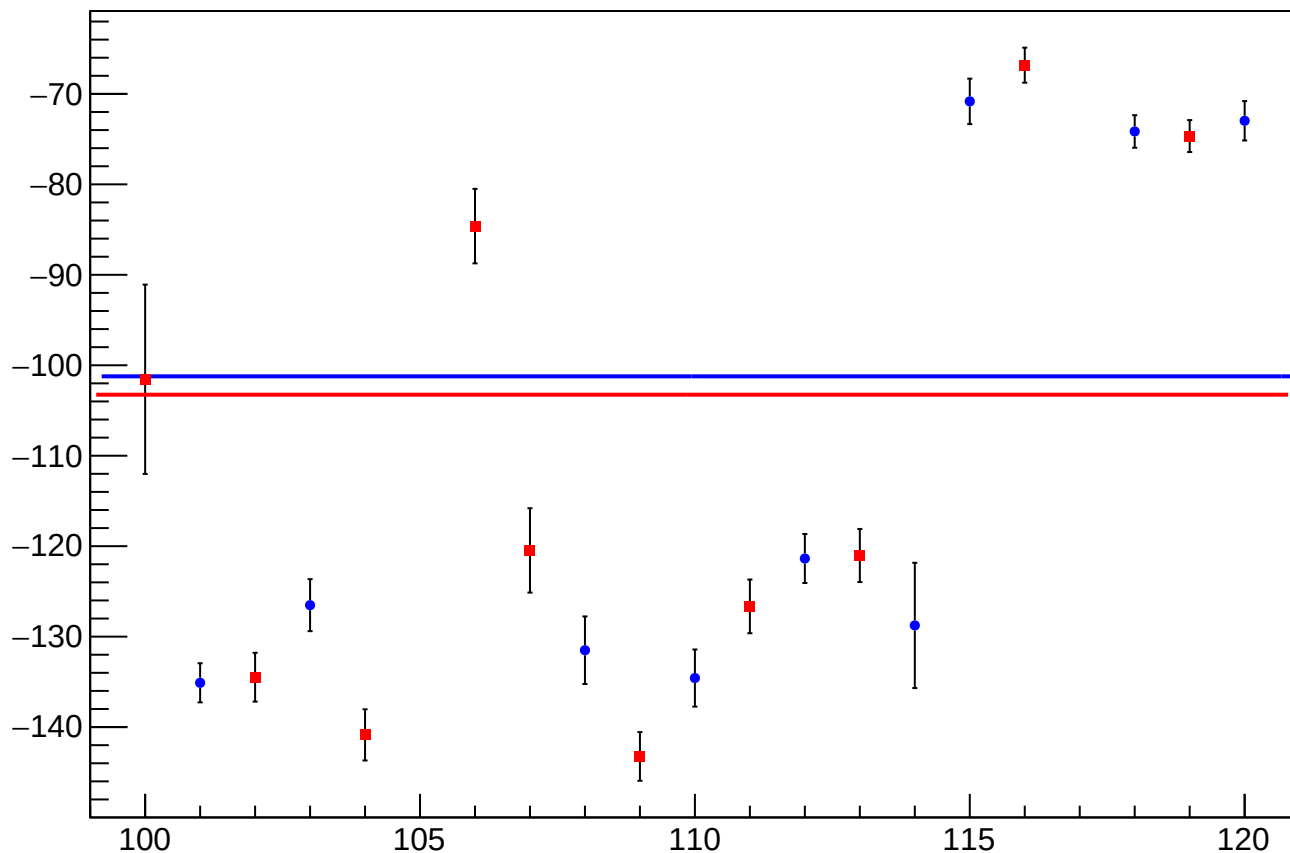
Right: -1.825+/-0.515 χ^2/NDF : 3494.6/18

In: 1.332+/-0.690 χ^2/NDF : 1878.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.825+/-0.515 χ^2/NDF : 3494.6/18

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -101.224+/-0.863 χ^2/NDF : 1112.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -103.254+/-0.867 χ^2/NDF : 1279.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

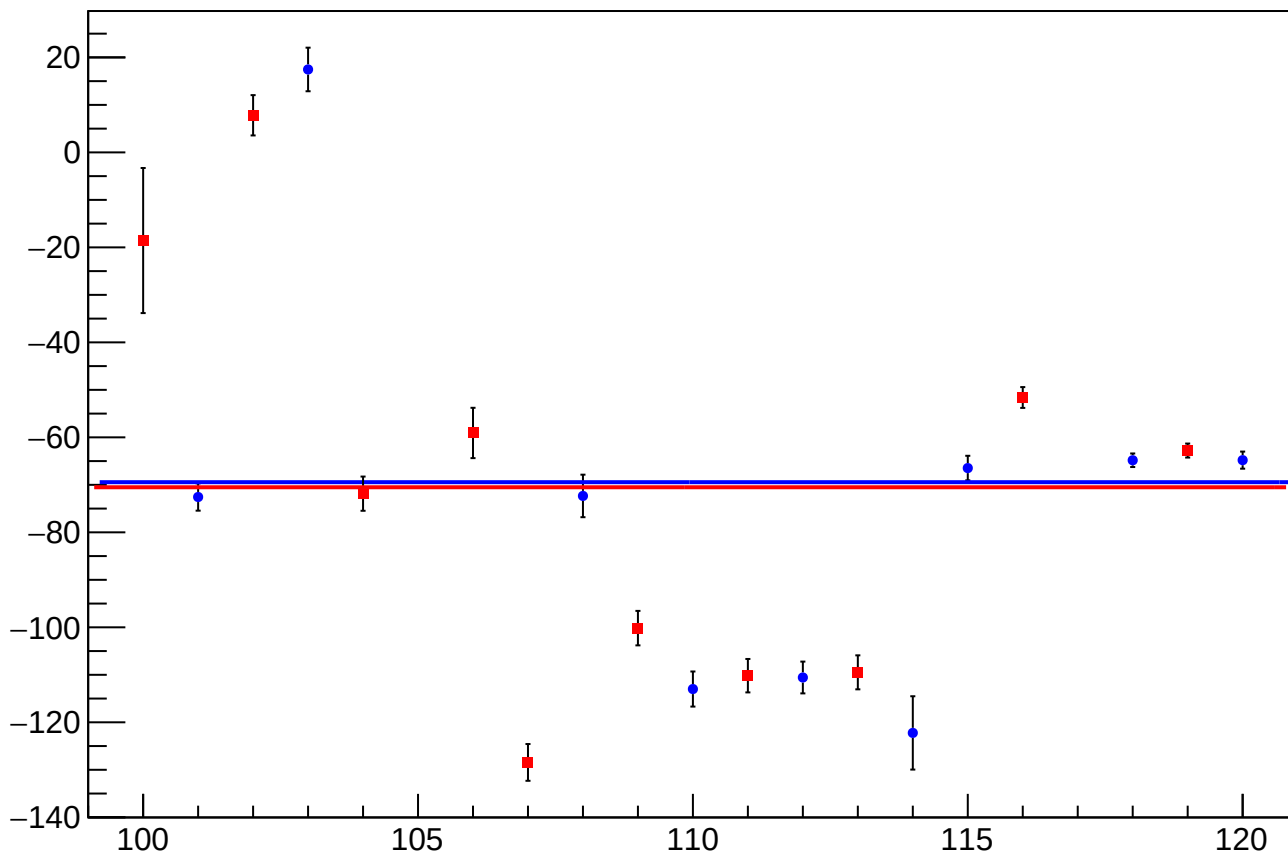
Right: -102.234+/-0.612 χ^2/NDF : 2395.2/18

In: -101.224+/-0.863 χ^2/NDF : 1112.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -102.234+/-0.612 χ^2/NDF : 2395.2/18

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -69.443+/-0.862 χ^2/NDF : 715.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -70.512+/-0.936 χ^2/NDF : 995.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

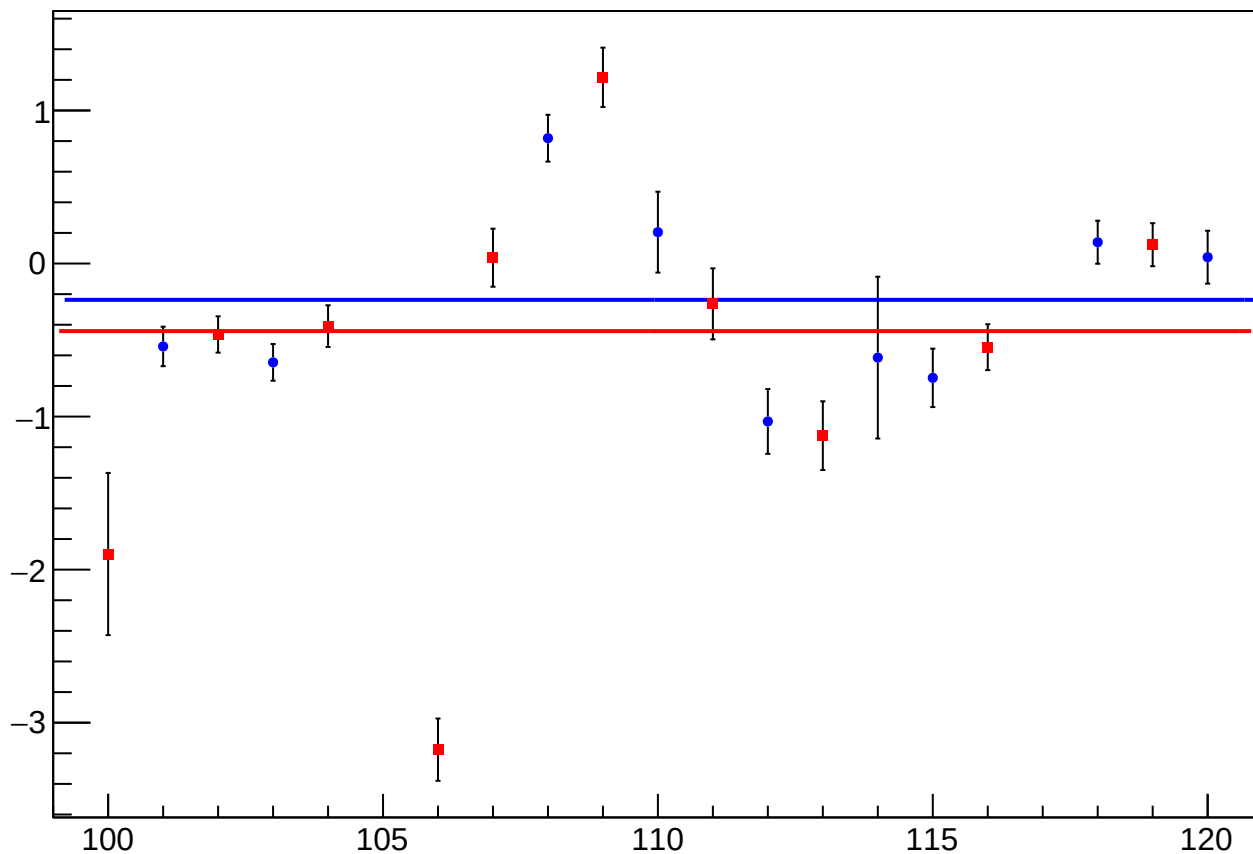
Right: -69.934+/-0.634 χ^2/NDF : 1711.4/18

In: -69.443+/-0.862 χ^2/NDF : 715.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -69.934+/-0.634 χ^2/NDF : 1711.4/18

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.237 $\pm$ 0.056 χ^2 /NDF: 99.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.441 $\pm$ 0.054 χ^2 /NDF: 294.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

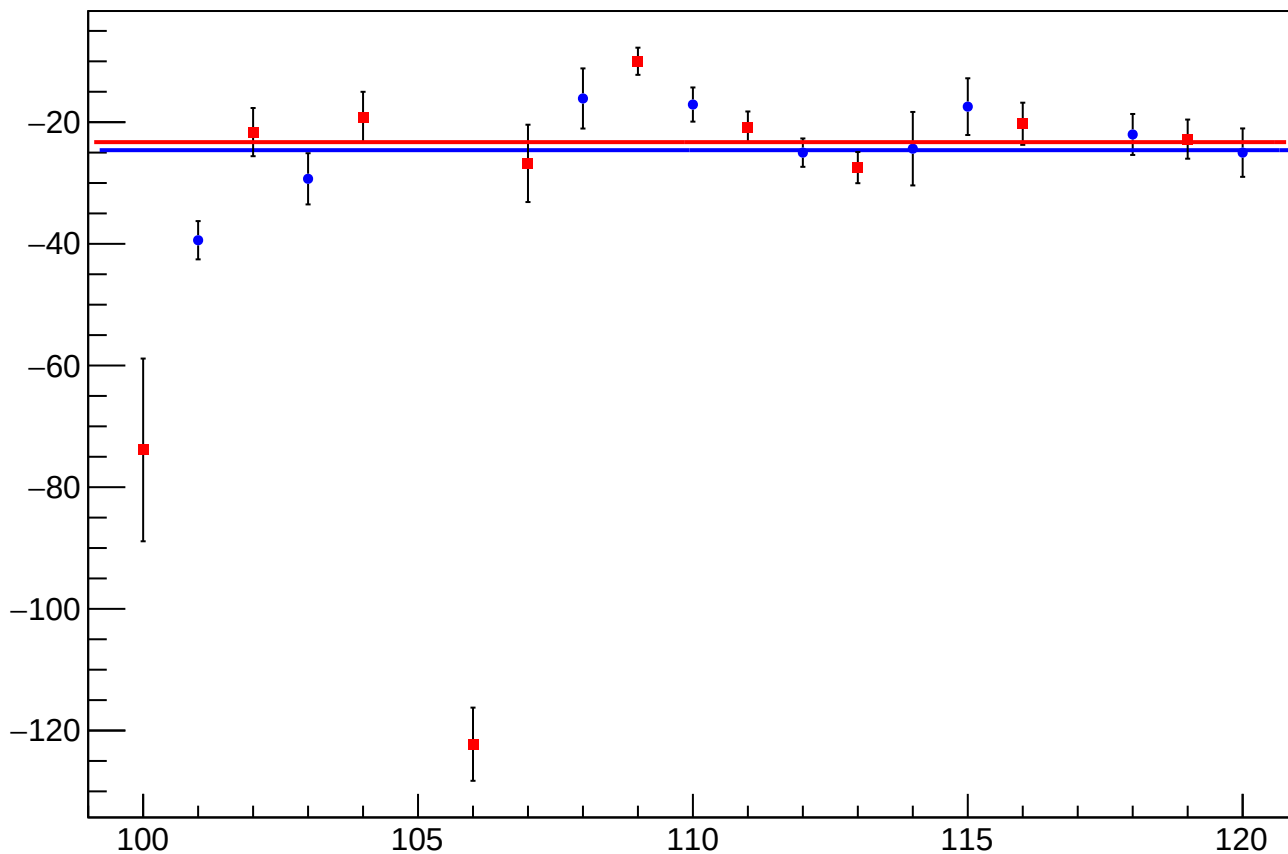
Right: -0.342 $\pm$ 0.039 χ^2 /NDF: 400.4/18

In: -0.237 $\pm$ 0.056 χ^2 /NDF:99.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.342 $\pm$ 0.039 χ^2 /NDF: 400.4/18

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -24.603 ± 1.167 χ^2/NDF : 36.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -23.281 ± 1.076 χ^2/NDF : 323.4/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

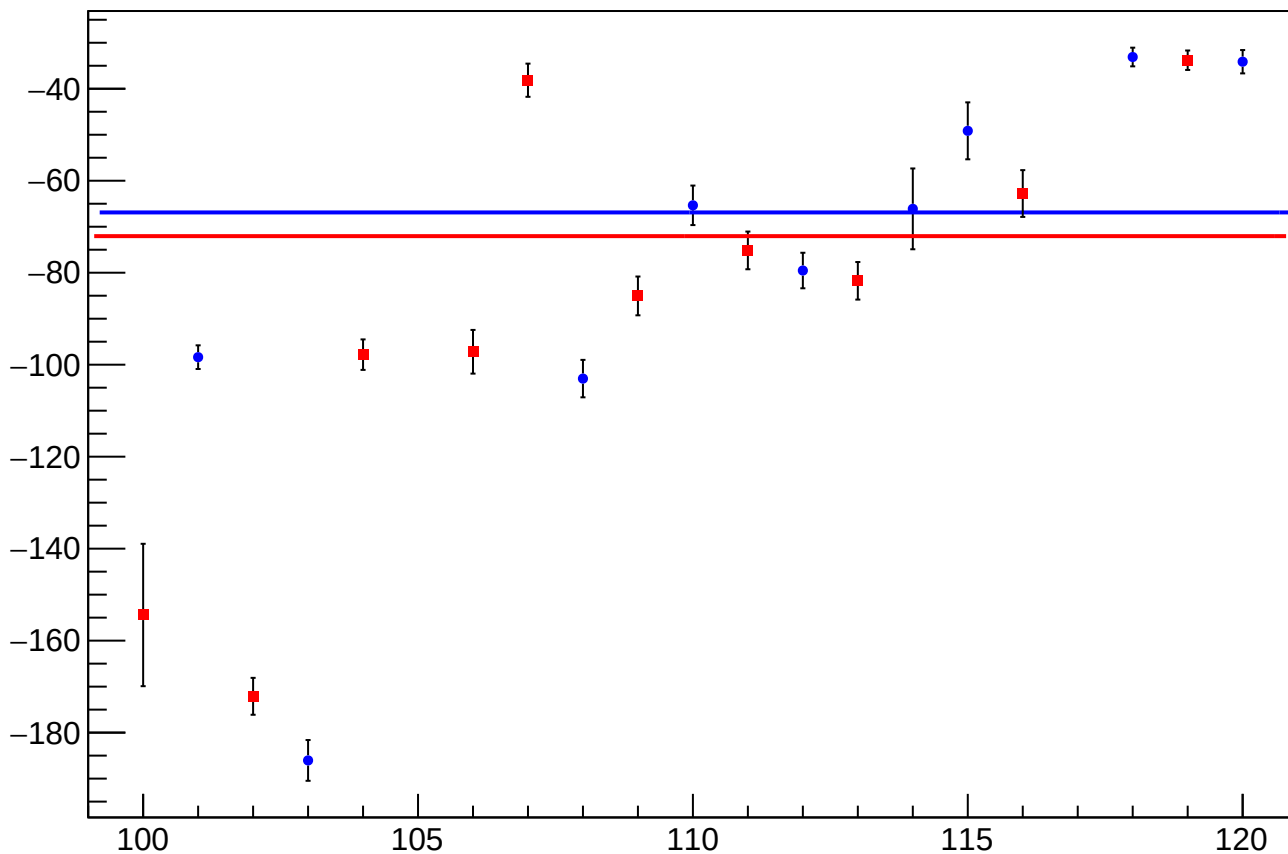
Right: -23.888 ± 0.791 χ^2/NDF : 360.6/18

In: -24.603 ± 1.167 χ^2/NDF : 36.5/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -23.888 ± 0.791 χ^2/NDF : 360.6/18

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -66.894+/-1.104 χ^2/NDF : 1413.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -72.048+/-1.181 χ^2/NDF : 1173.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

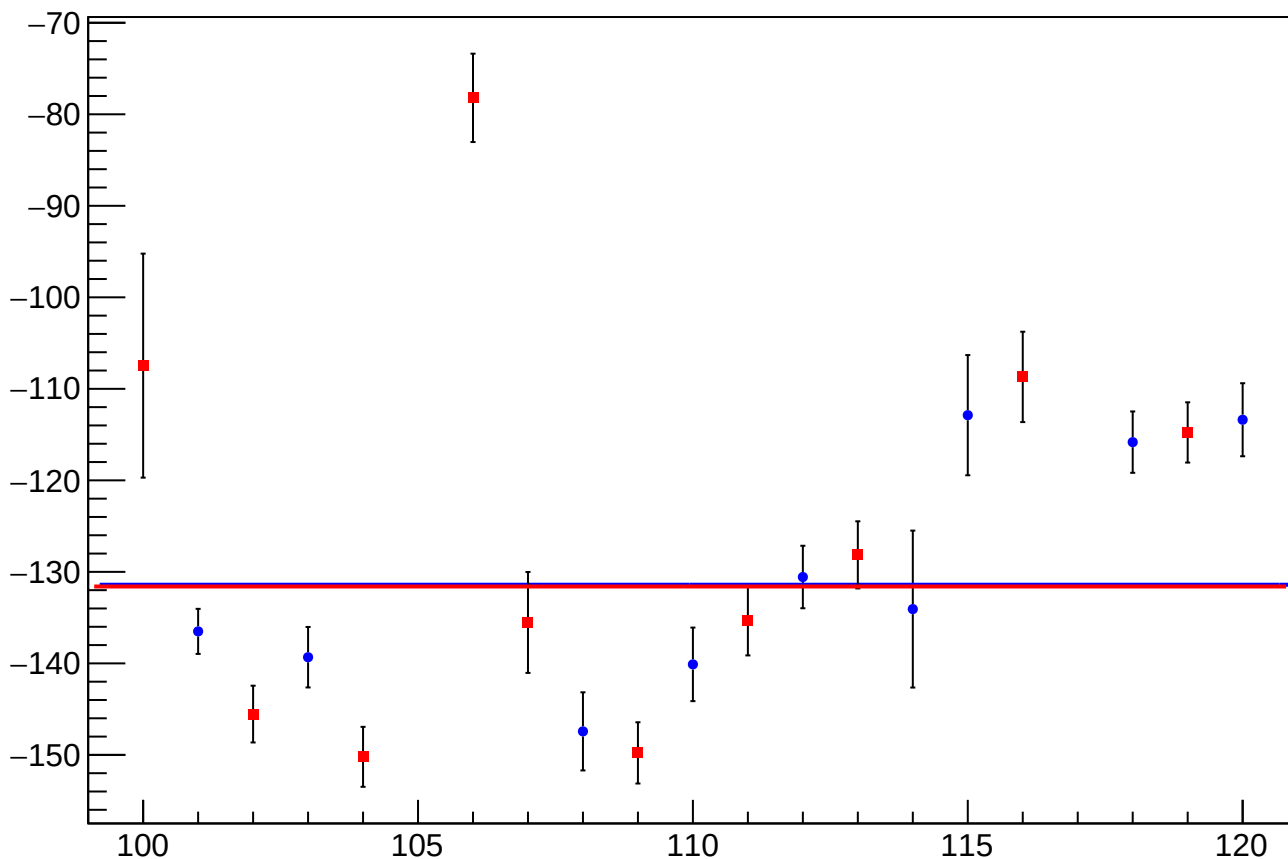
Right: -69.297+/-0.807 χ^2/NDF : 2597.2/18

In: -66.894+/-1.104 χ^2/NDF : 1413.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -69.297+/-0.807 χ^2/NDF : 2597.2/18

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -131.406+/-1.243 χ^2/NDF : 78.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -131.599+/-1.243 χ^2/NDF : 258.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

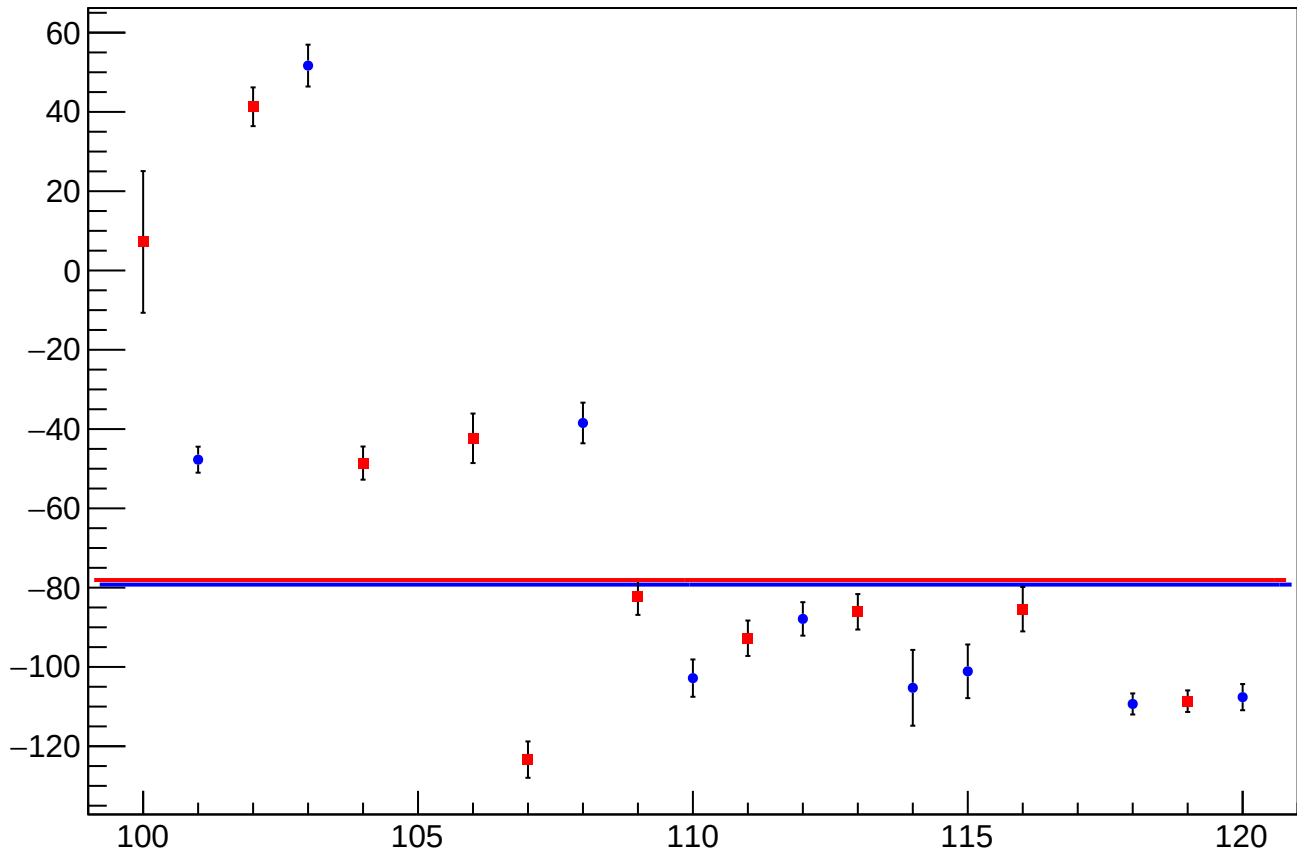
Right: -131.502+/-0.879 χ^2/NDF : 337.2/18

In: -131.406+/-1.243 χ^2/NDF : 78.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -131.502+/-0.879 χ^2/NDF : 337.2/18

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -79.231+/-1.368 χ^2/NDF : 1019.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -78.073+/-1.427 χ^2/NDF : 942.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

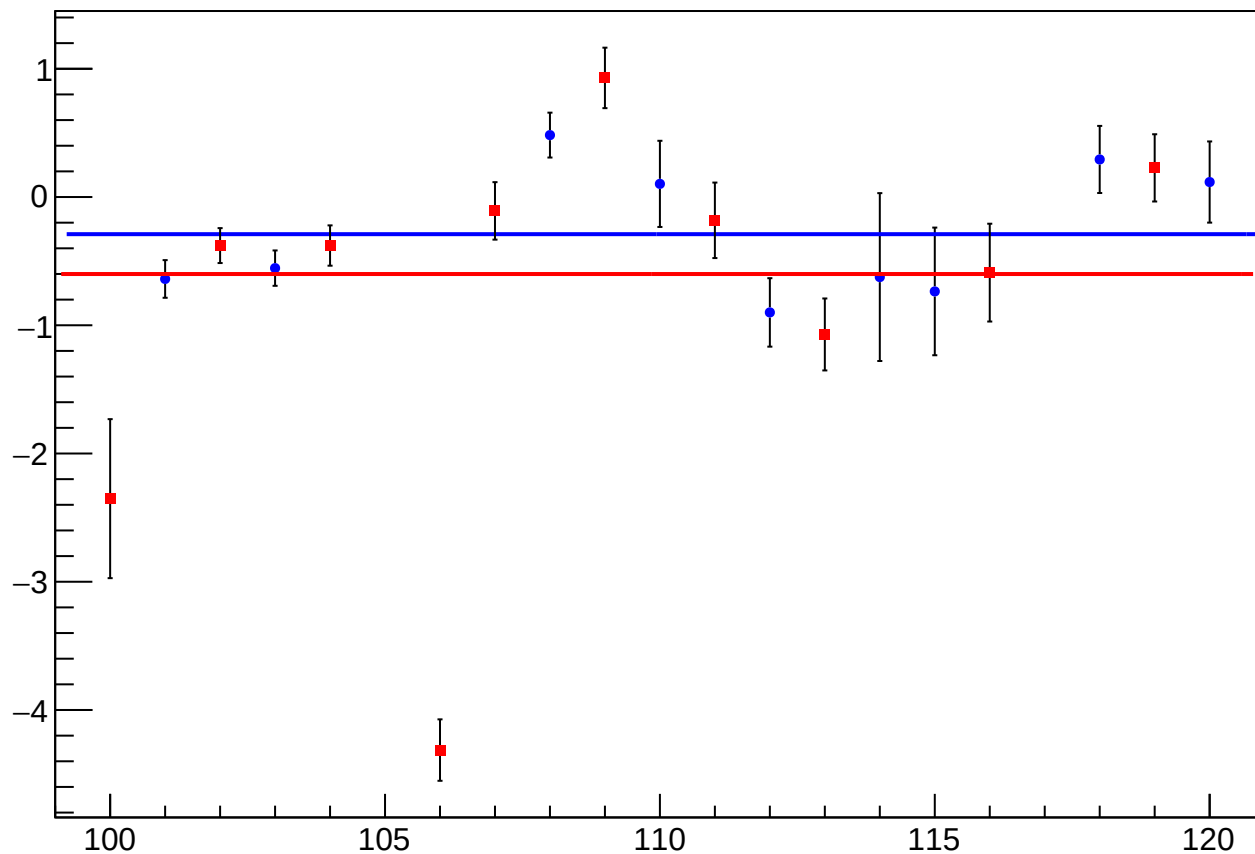
Right: -78.676+/-0.987 χ^2/NDF : 1962.7/18

In: -79.231+/-1.368 χ^2/NDF :1019.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -78.676+/-0.987 χ^2/NDF : 1962.7/18

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.290 ± 0.073 $\chi^2/\text{NDF}: 43.1/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.600 ± 0.071 $\chi^2/\text{NDF}: 314.4/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

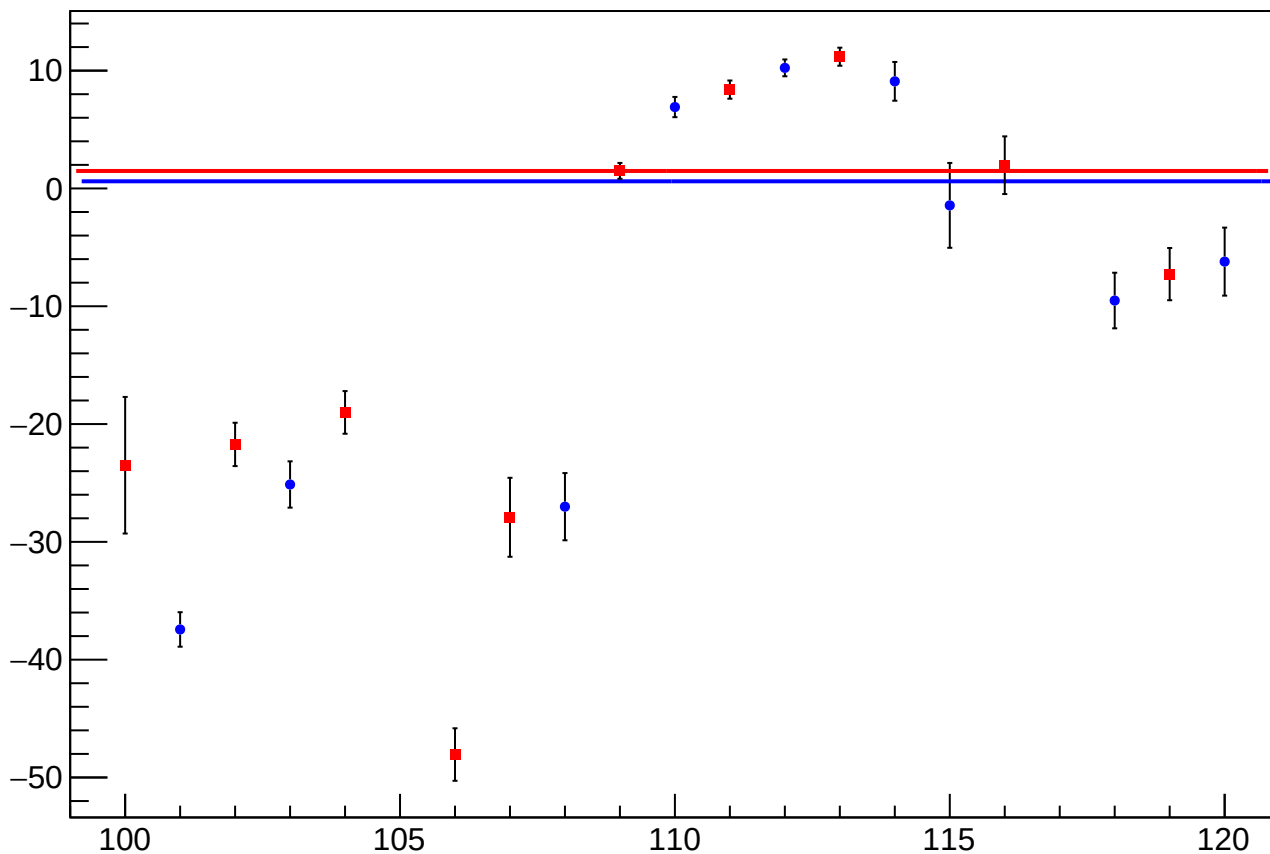
Right: -0.450 ± 0.051 $\chi^2/\text{NDF}: 366.8/18$

In: -0.290 ± 0.073 $\chi^2/\text{NDF}: 43.1/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.450 ± 0.051 $\chi^2/\text{NDF}: 366.8/18$

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.606+/-0.451 χ^2/NDF : 1226.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.483+/-0.381 χ^2/NDF : 1132.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

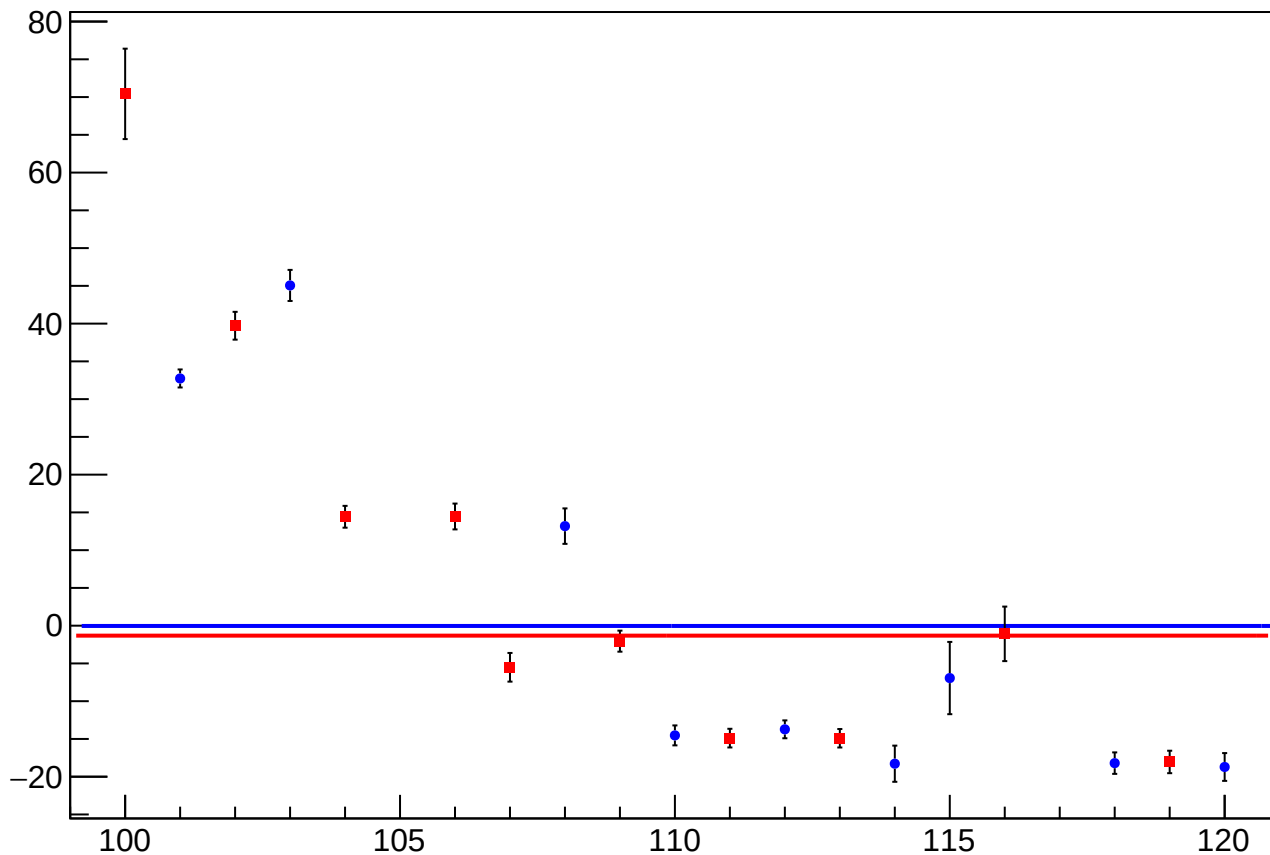
Right: 1.118+/-0.291 χ^2/NDF : 2361.0/18

In: 0.606+/-0.451 χ^2/NDF :1226.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.118+/-0.291 χ^2/NDF : 2361.0/18

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.037+/-0.541 χ^2/NDF : 1846.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.320+/-0.514 χ^2/NDF : 1219.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

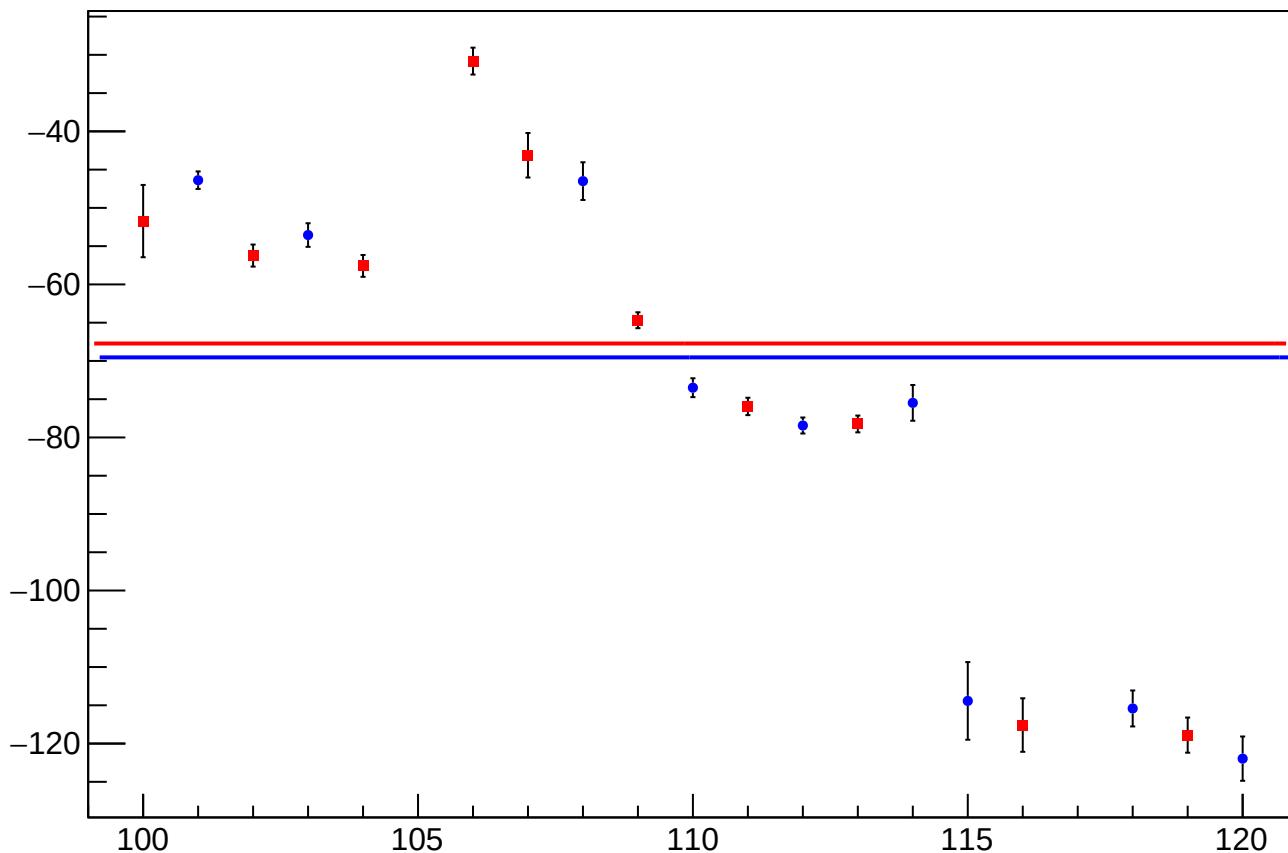
Right: -0.712+/-0.373 χ^2/NDF : 3069.7/18

In: -0.037+/-0.541 χ^2/NDF : 1846.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.712+/-0.373 χ^2/NDF : 3069.7/18

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -69.536+/-0.539 χ^2/NDF : 1480.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -67.720+/-0.484 χ^2/NDF : 1490.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

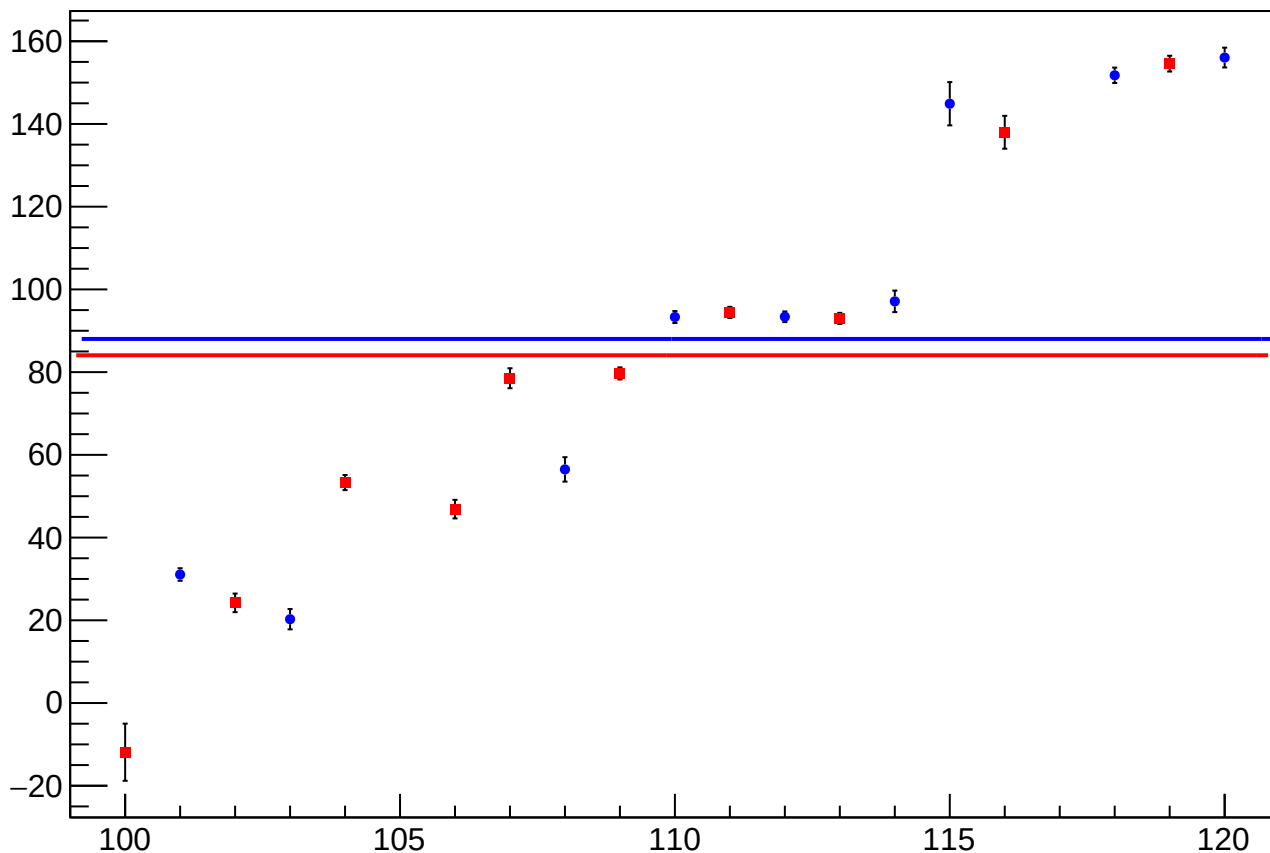
Right: -68.531+/-0.360 χ^2/NDF : 2977.0/18

In: -69.536+/-0.539 χ^2/NDF : 1480.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -68.531+/-0.360 χ^2/NDF : 2977.0/18

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 88.023+/-0.641 χ^2/NDF : 4418.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.074+/-0.597 χ^2/NDF : 3125.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

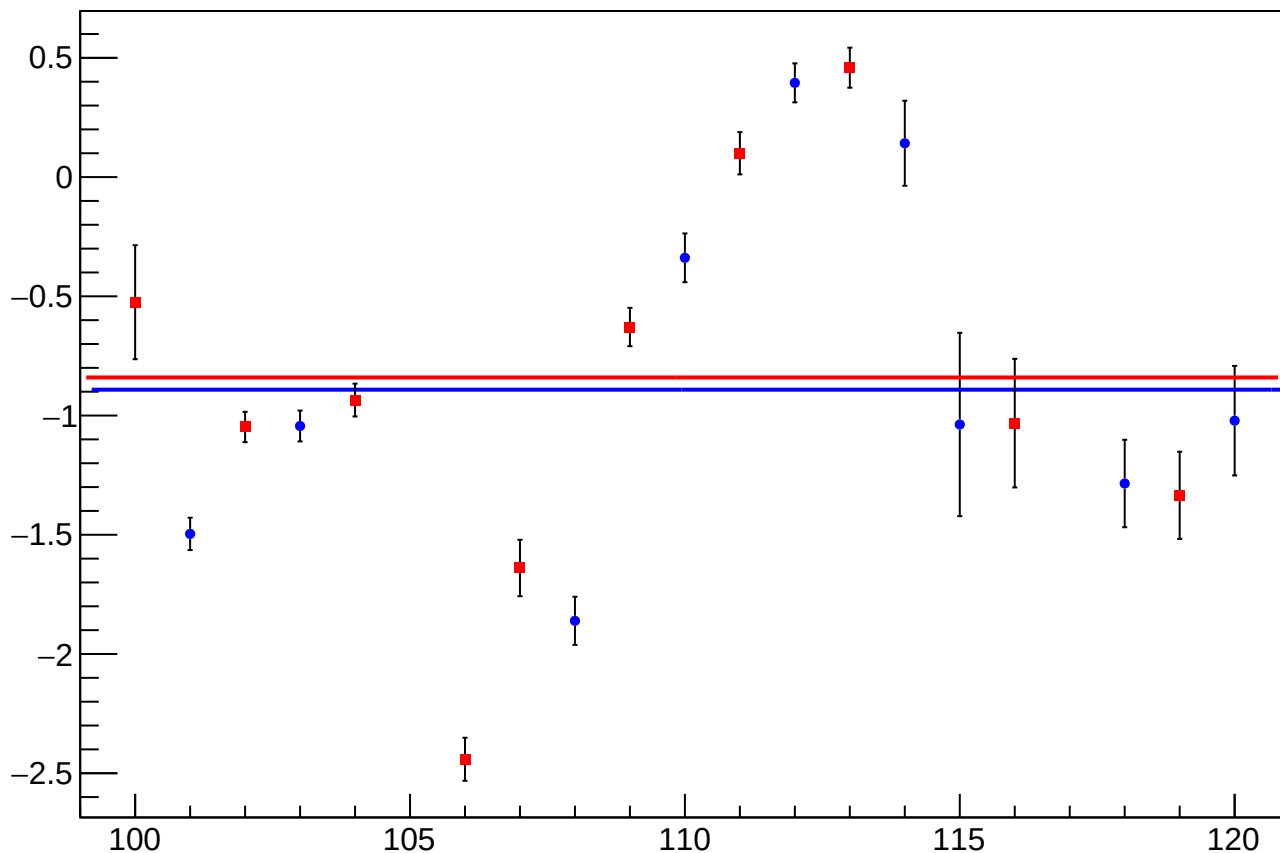
Right: 85.909+/-0.437 χ^2/NDF : 7563.6/18

In: 88.023+/-0.641 χ^2/NDF : 4418.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.909+/-0.437 χ^2/NDF : 7563.6/18

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.892 ± 0.034 χ^2/NDF : 493.0/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.840 ± 0.030 χ^2/NDF : 740.9/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

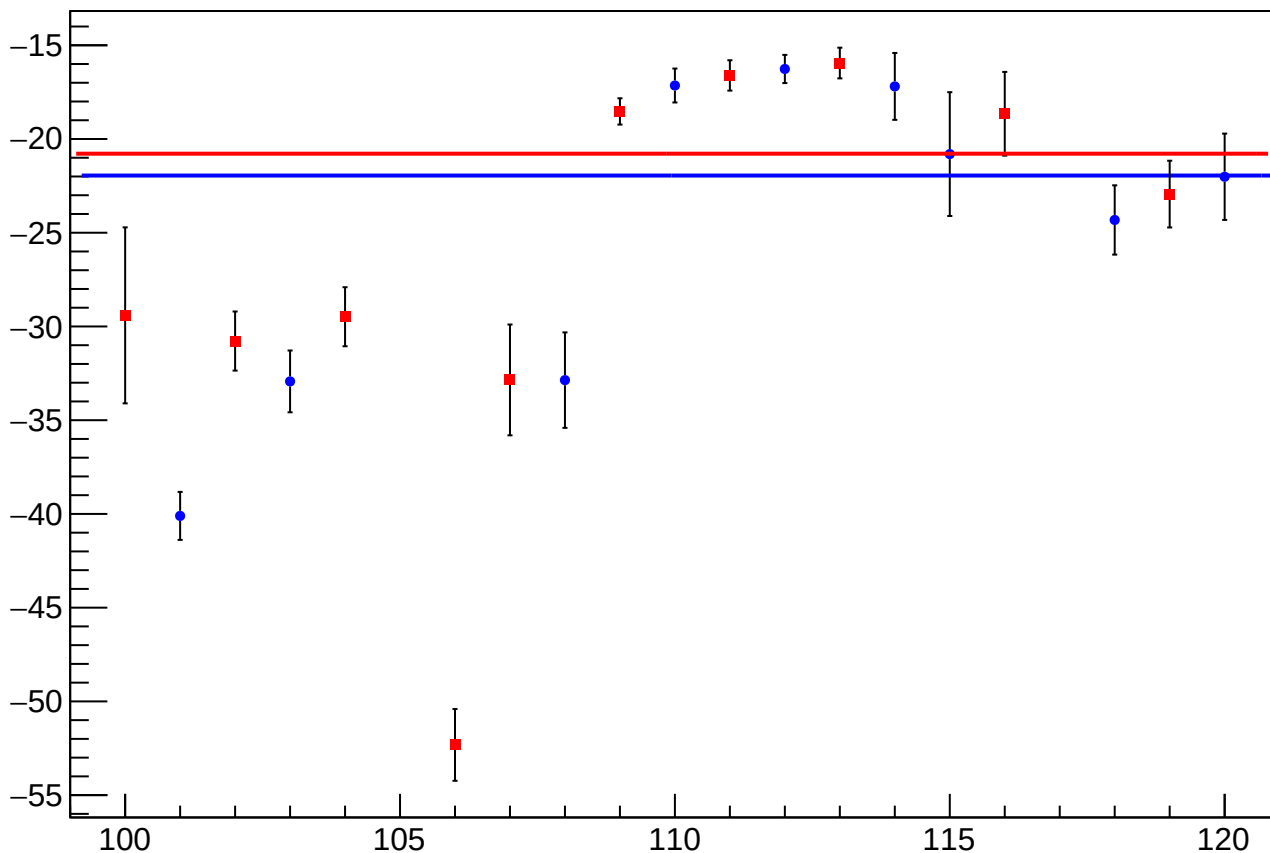
Right: -0.863 ± 0.022 χ^2/NDF : 1235.2/18

In: -0.892 ± 0.034 χ^2/NDF : 493.0/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.863 ± 0.022 χ^2/NDF : 1235.2/18

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -21.949+/-0.447 χ^2/NDF : 358.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.784+/-0.383 χ^2/NDF : 436.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

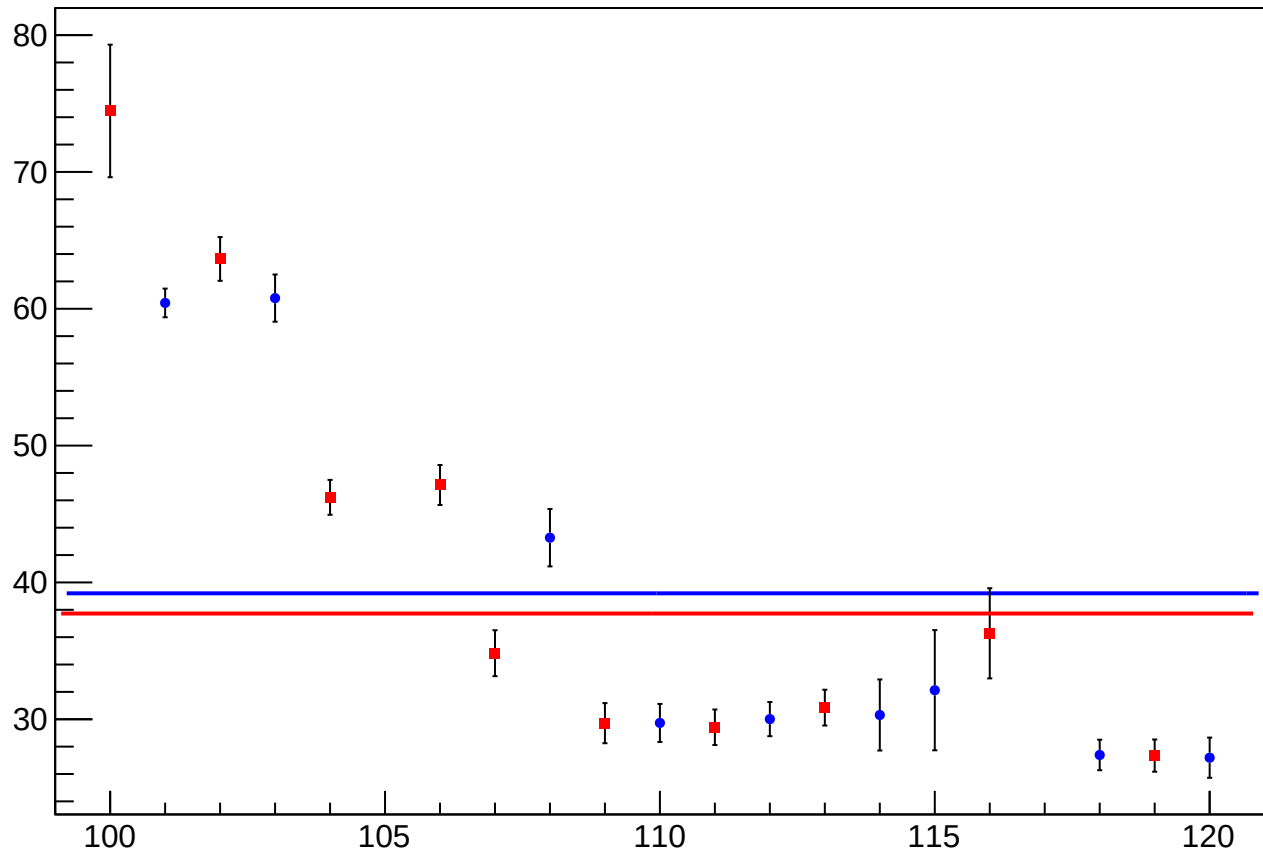
Right: -21.278+/-0.291 χ^2/NDF : 798.4/18

In: -21.949+/-0.447 χ^2/NDF : 358.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.278+/-0.291 χ^2/NDF : 798.4/18

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 39.204+/-0.494 χ^2/NDF : 865.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.727+/-0.481 χ^2/NDF : 585.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

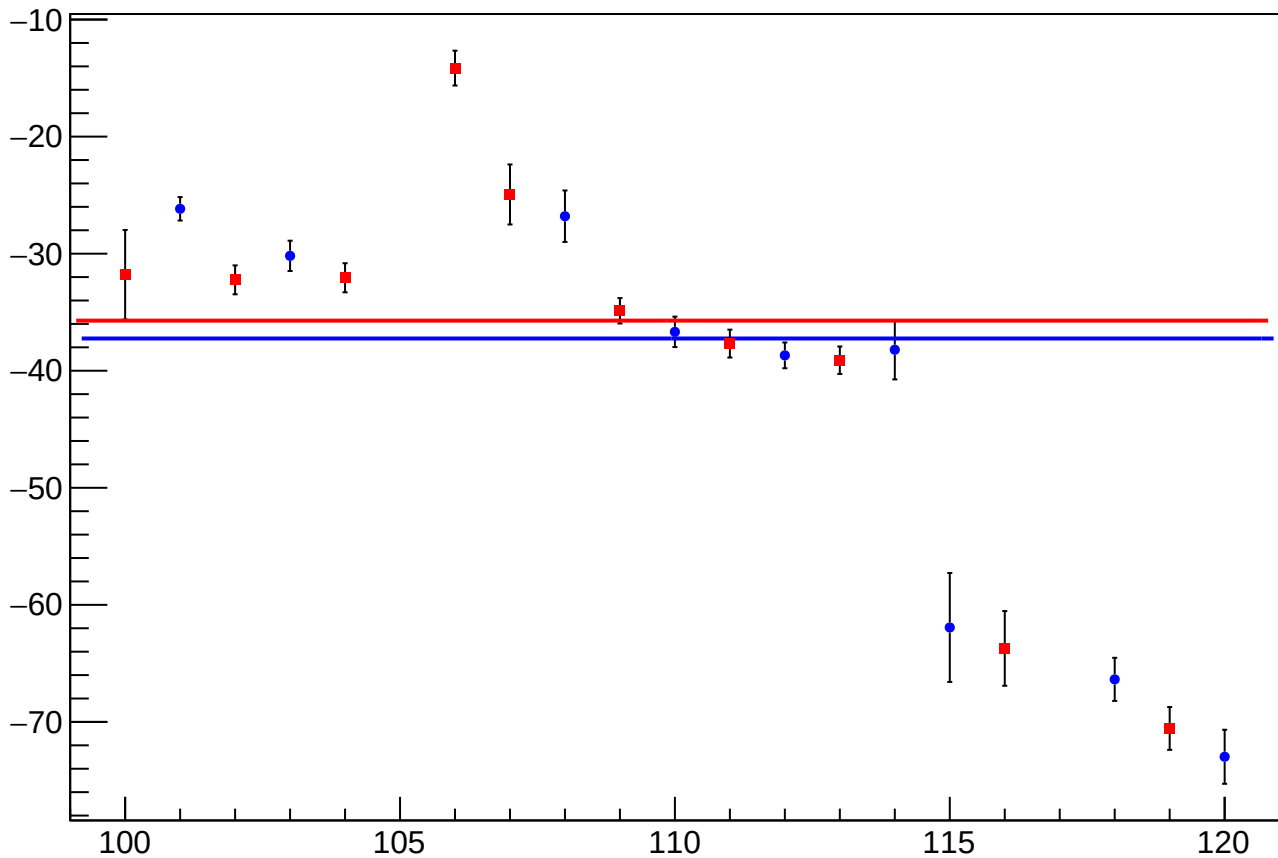
Right: 38.446+/-0.344 χ^2/NDF : 1455.6/18

In: 39.204+/-0.494 χ^2/NDF : 865.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.446+/-0.344 χ^2/NDF : 1455.6/18

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -37.246 $\pm$ 0.506 χ^2 /NDF: 694.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -35.719 $\pm$ 0.463 χ^2 /NDF: 697.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

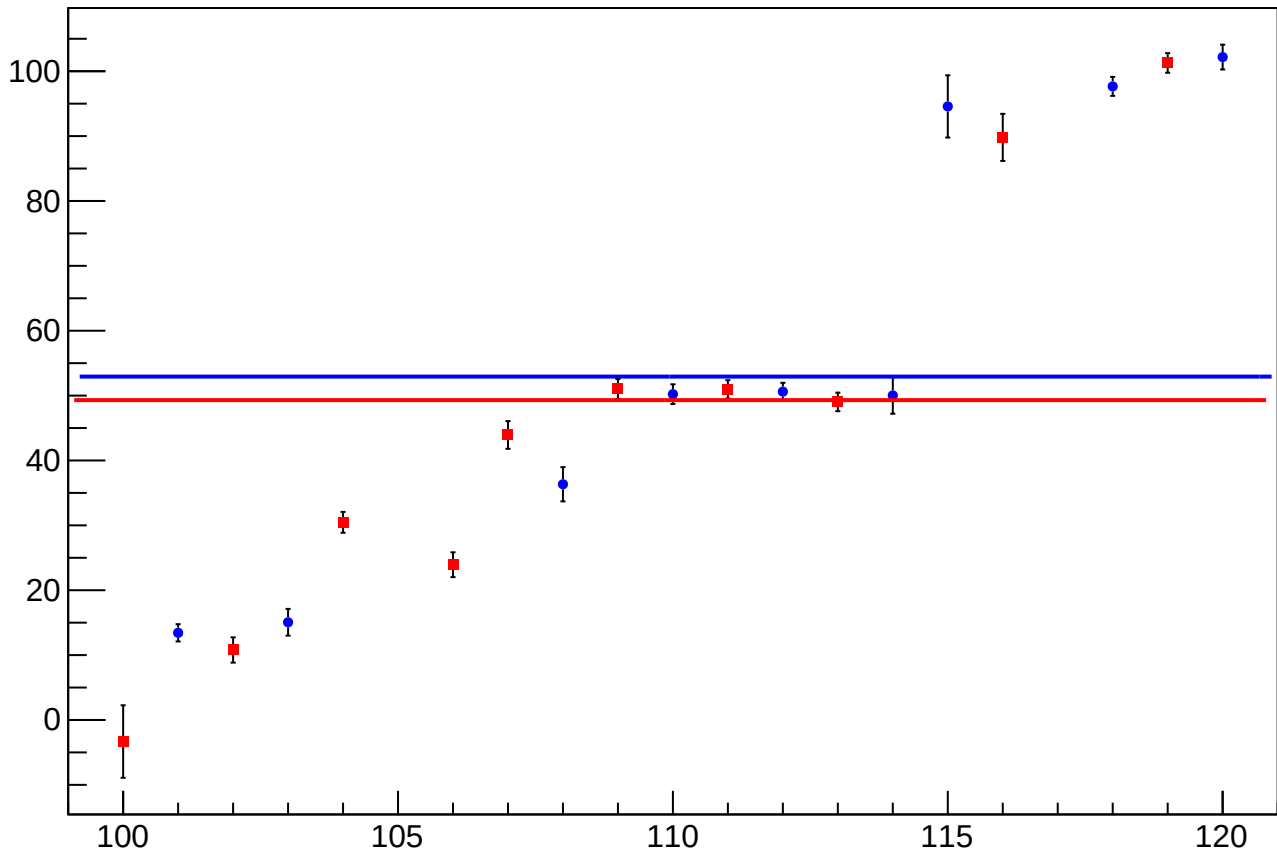
Right: -36.415 $\pm$ 0.342 χ^2 /NDF: 1397.2/18

In: -37.246 $\pm$ 0.506 χ^2 /NDF:694.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -36.415 $\pm$ 0.342 χ^2 /NDF: 1397.2/18

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 52.930+/-0.595 χ^2/NDF : 2944.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.302+/-0.568 χ^2/NDF : 2107.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

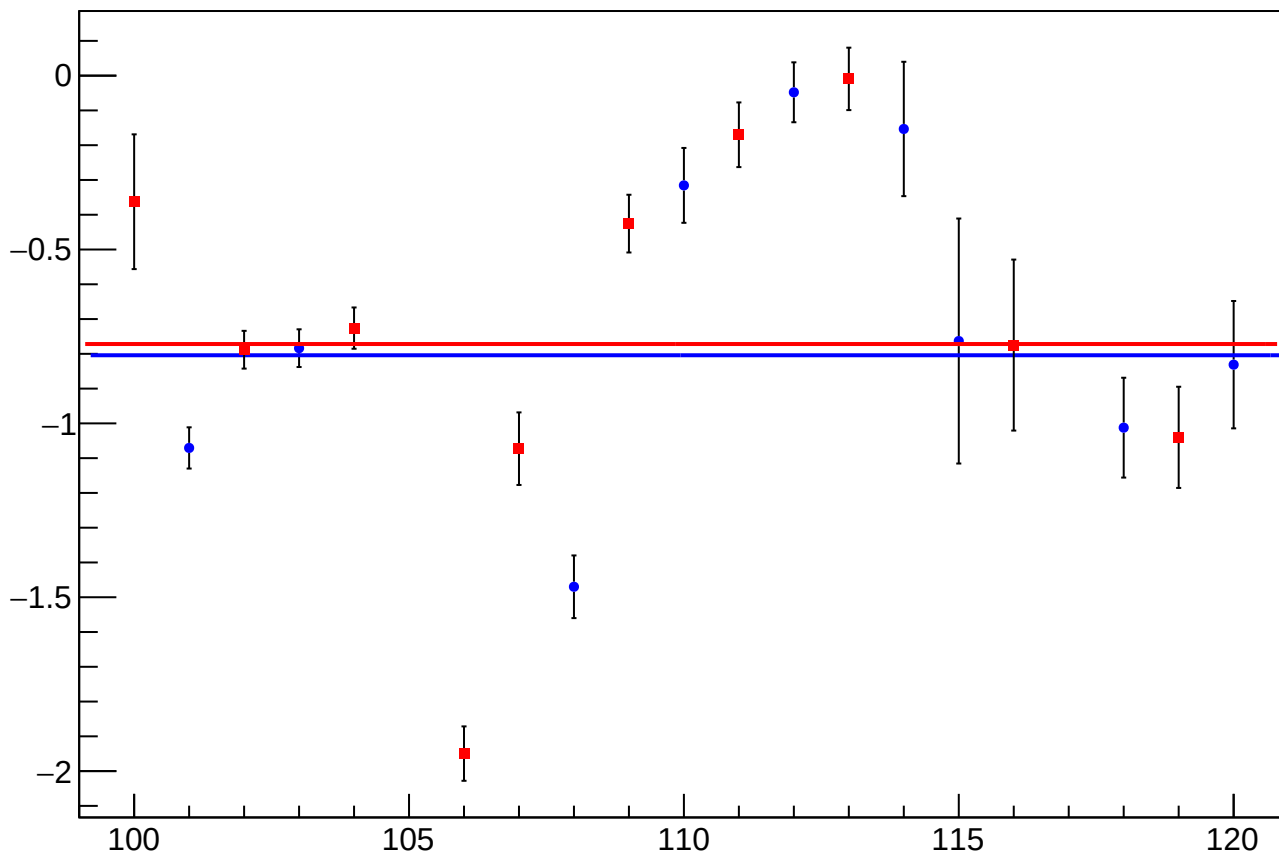
Right: 51.031+/-0.411 χ^2/NDF : 5071.2/18

In: 52.930+/-0.595 χ^2/NDF : 2944.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.031+/-0.411 χ^2/NDF : 5071.2/18

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.804 ± 0.030 χ^2/NDF : 186.1/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.772 ± 0.027 χ^2/NDF : 375.0/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

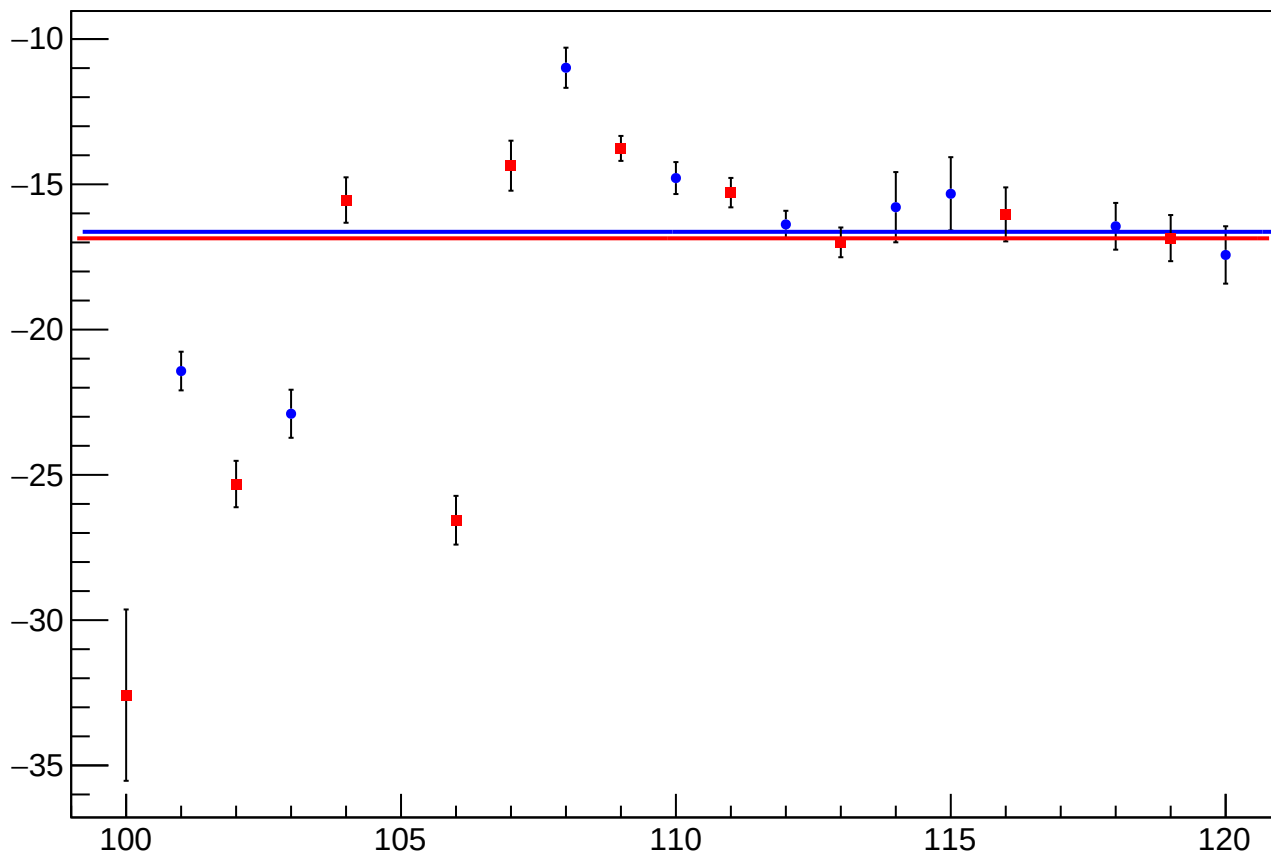
Right: -0.786 ± 0.020 χ^2/NDF : 561.7/18

In: -0.804 ± 0.030 χ^2/NDF : 186.1/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.786 ± 0.020 χ^2/NDF : 561.7/18

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -16.634 $\pm$ 0.239 χ^2 /NDF: 189.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -16.859 $\pm$ 0.213 χ^2 /NDF: 348.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

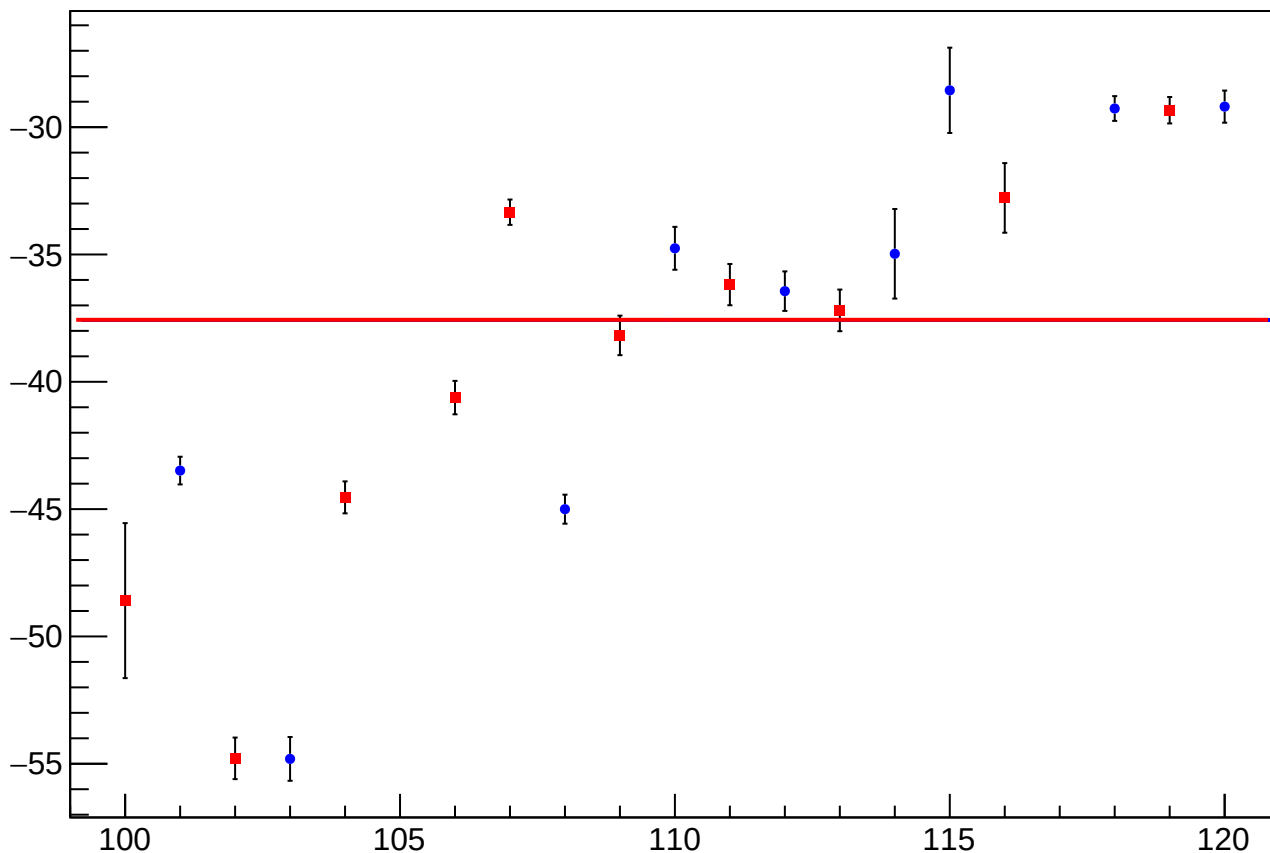
Right: -16.759 $\pm$ 0.159 χ^2 /NDF: 538.5/18

In: -16.634 $\pm$ 0.239 χ^2 /NDF: 189.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -16.759 $\pm$ 0.159 χ^2 /NDF: 538.5/18

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -37.573+/-0.234 χ^2/NDF : 1202.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -37.566+/-0.227 χ^2/NDF : 942.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

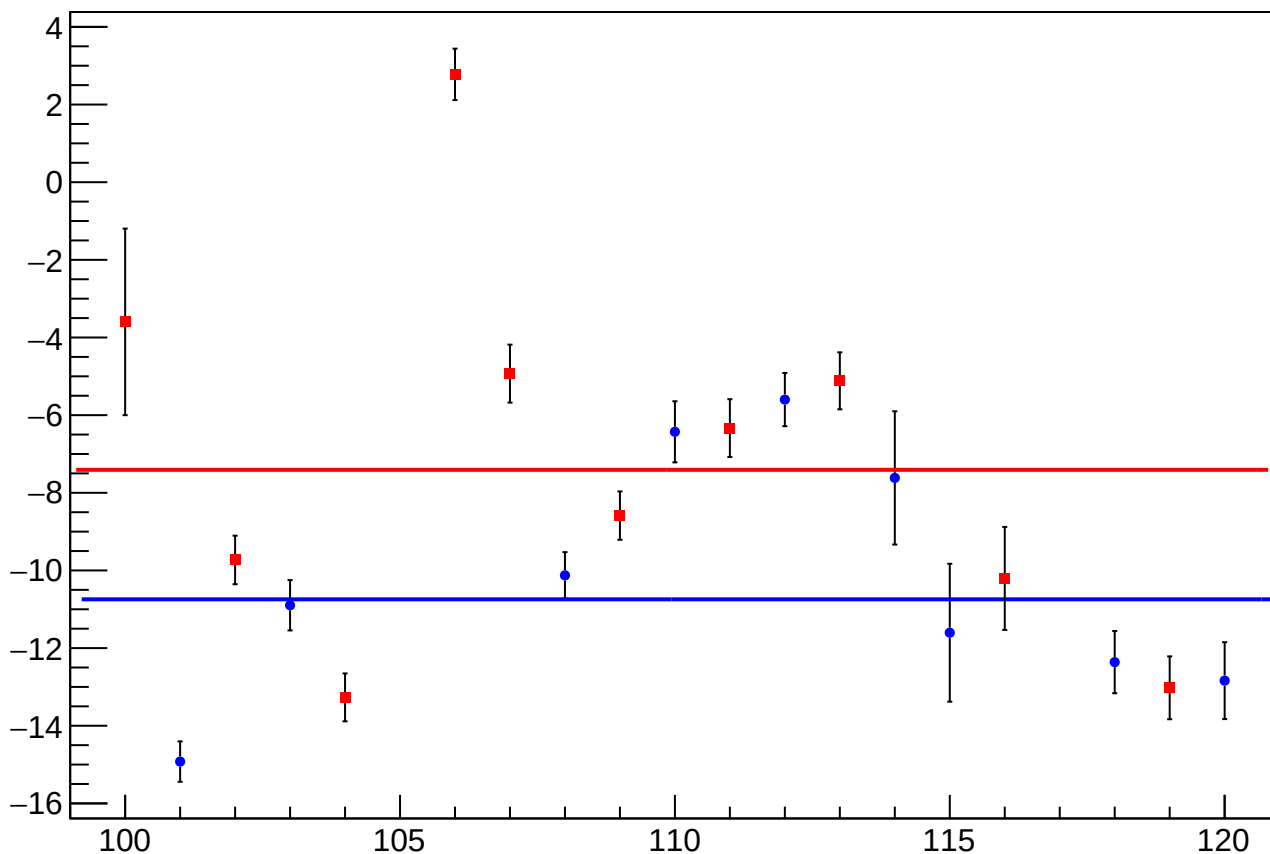
Right: -37.569+/-0.163 χ^2/NDF : 2145.6/18

In: -37.573+/-0.234 χ^2/NDF :1202.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -37.569+/-0.163 χ^2/NDF : 2145.6/18

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -10.744 ± 0.251 χ^2/NDF : 164.1/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.408 ± 0.237 χ^2/NDF : 422.3/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

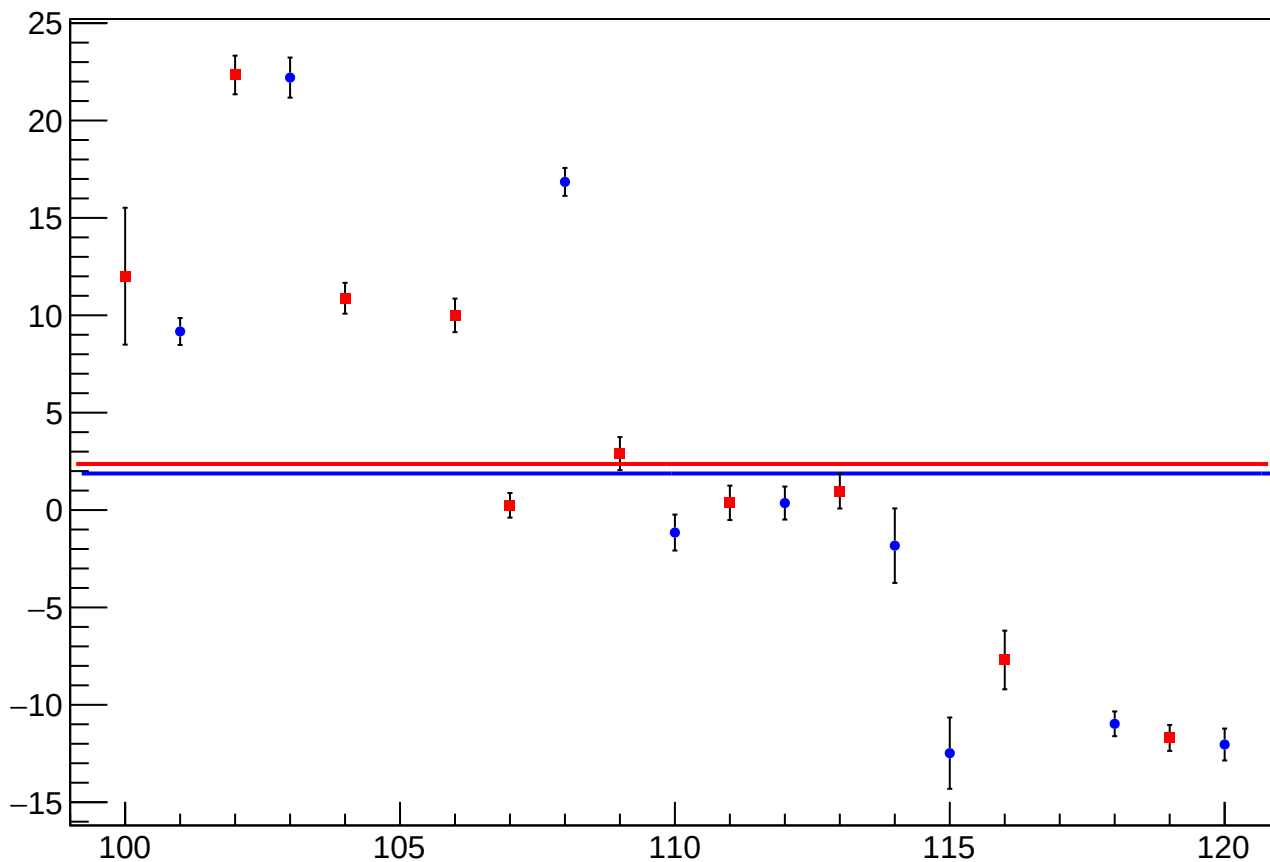
Right: -8.981 ± 0.172 χ^2/NDF : 679.6/18

In: -10.744 ± 0.251 χ^2/NDF : 164.1/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.981 ± 0.172 χ^2/NDF : 679.6/18

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.877+/-0.288 χ^2/NDF : 1712.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.366+/-0.276 χ^2/NDF : 1114.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

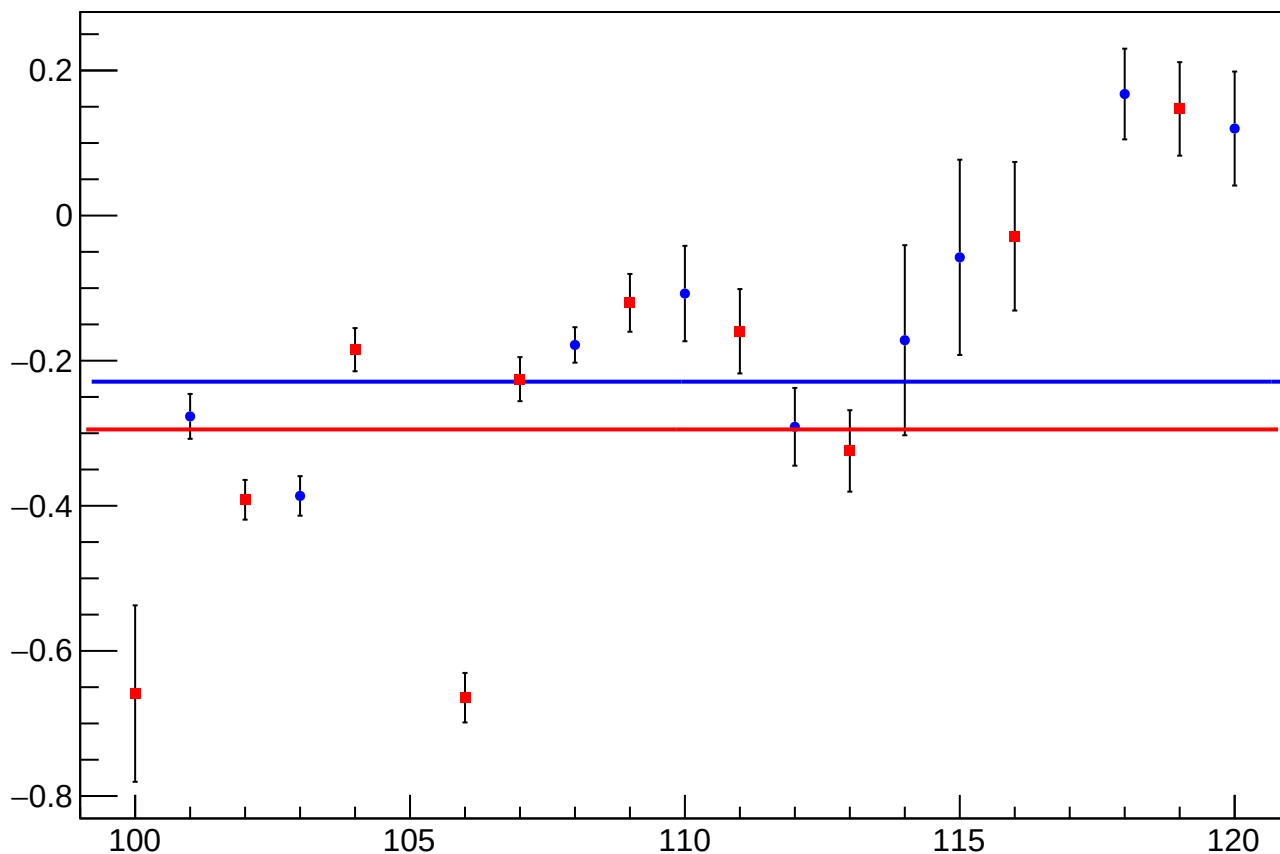
Right: 2.132+/-0.199 χ^2/NDF : 2828.7/18

In: 1.877+/-0.288 χ^2/NDF : 1712.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.132+/-0.199 χ^2/NDF : 2828.7/18

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.229+/-0.014 χ^2/NDF : 106.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.295+/-0.013 χ^2/NDF : 236.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

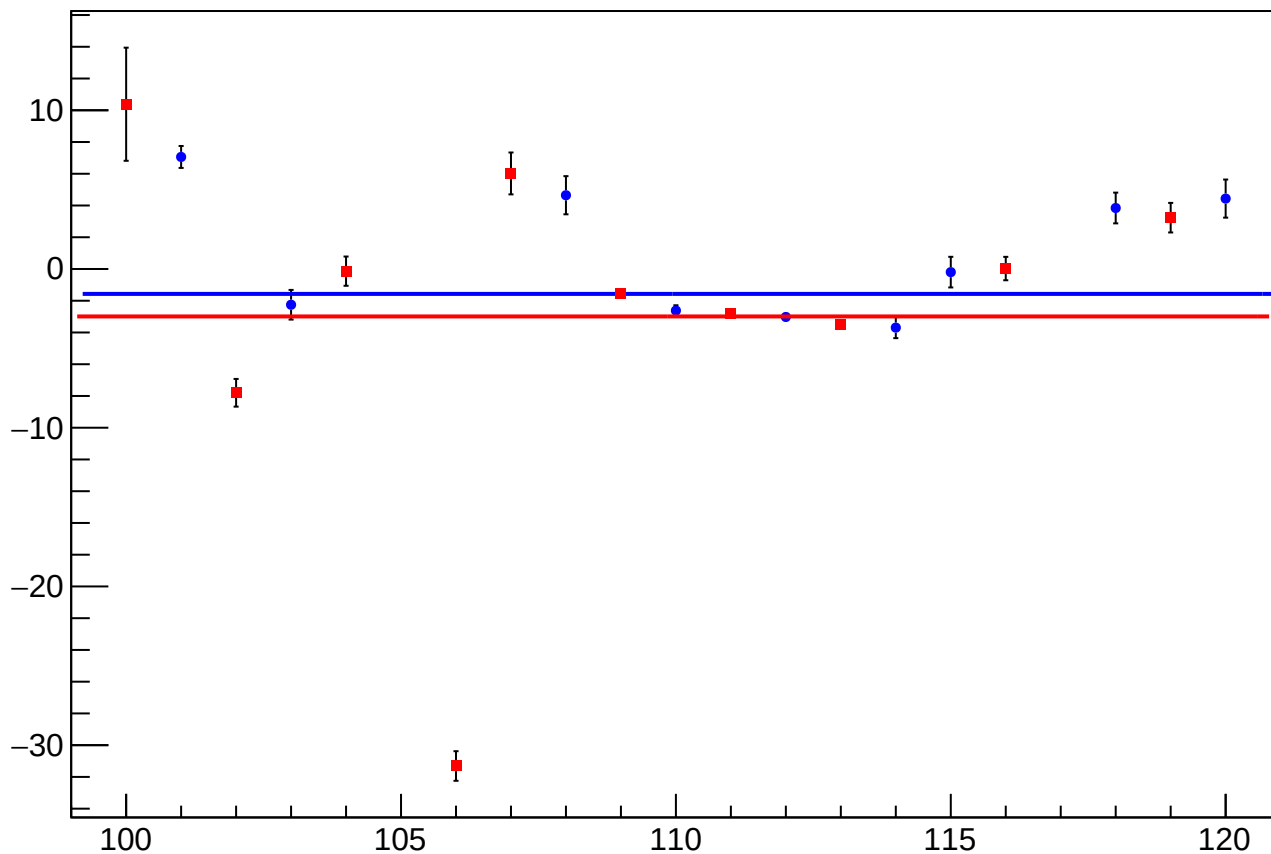
Right: -0.264+/-0.009 χ^2/NDF : 355.1/18

In: -0.229+/-0.014 χ^2/NDF :106.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.264+/-0.009 χ^2/NDF : 355.1/18

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.569+/-0.180 χ^2/NDF : 289.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.989+/-0.153 χ^2/NDF : 1116.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

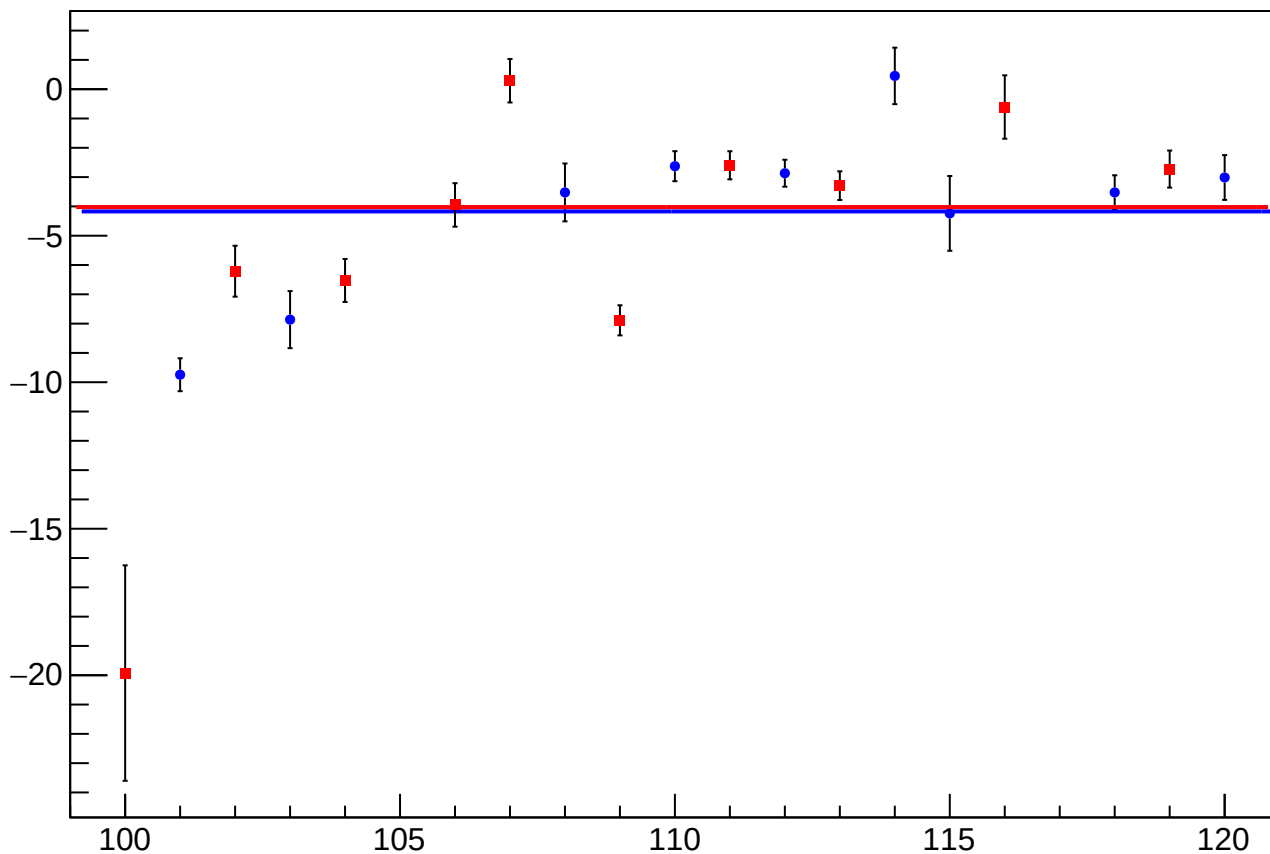
Right: -2.392+/-0.117 χ^2/NDF : 1441.9/18

In: -1.569+/-0.180 χ^2/NDF : 289.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.392+/-0.117 χ^2/NDF : 1441.9/18

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.171+/-0.223 χ^2 /NDF: 156.8/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -4.023+/-0.211 χ^2 /NDF: 152.4/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

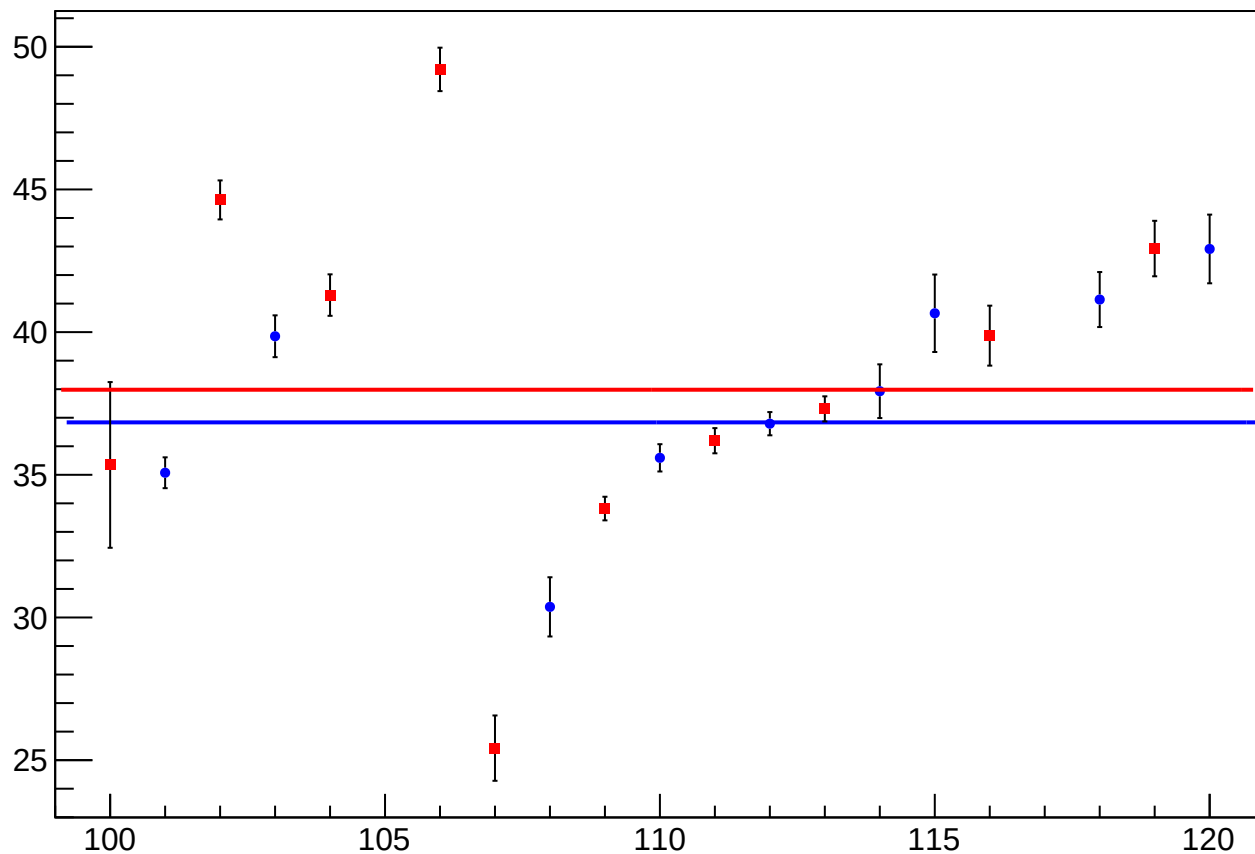
Right: -4.093+/-0.153 χ^2 /NDF: 309.4/18

In: -4.171+/-0.223 χ^2 /NDF:156.8/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -4.093+/-0.153 χ^2 /NDF: 309.4/18

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 36.837+/-0.223 χ^2/NDF : 127.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.981+/-0.201 χ^2/NDF : 603.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

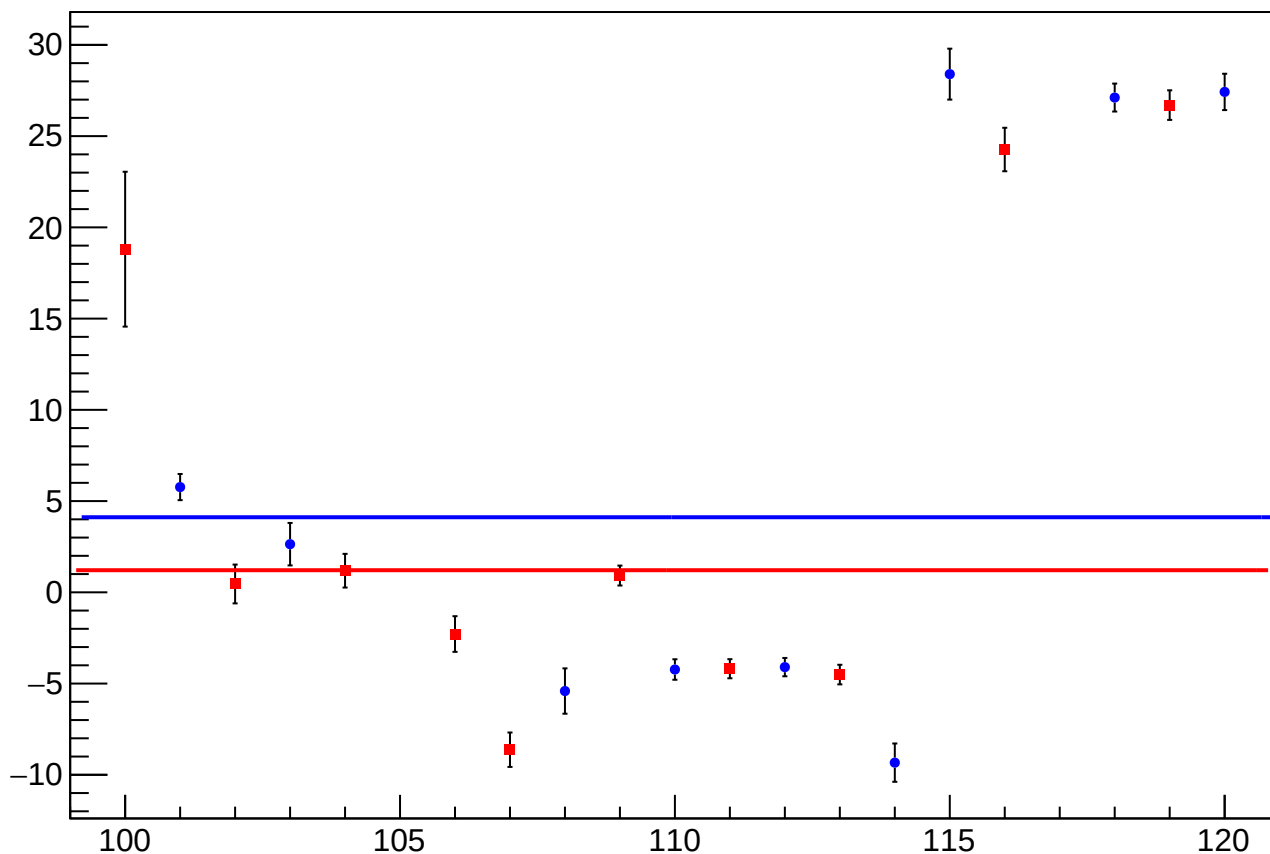
Right: 37.469+/-0.149 χ^2/NDF : 745.7/18

In: 36.837+/-0.223 χ^2/NDF : 127.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.469+/-0.149 χ^2/NDF : 745.7/18

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.114+/-0.262 χ^2/NDF : 2471.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.211+/-0.243 χ^2/NDF : 1722.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

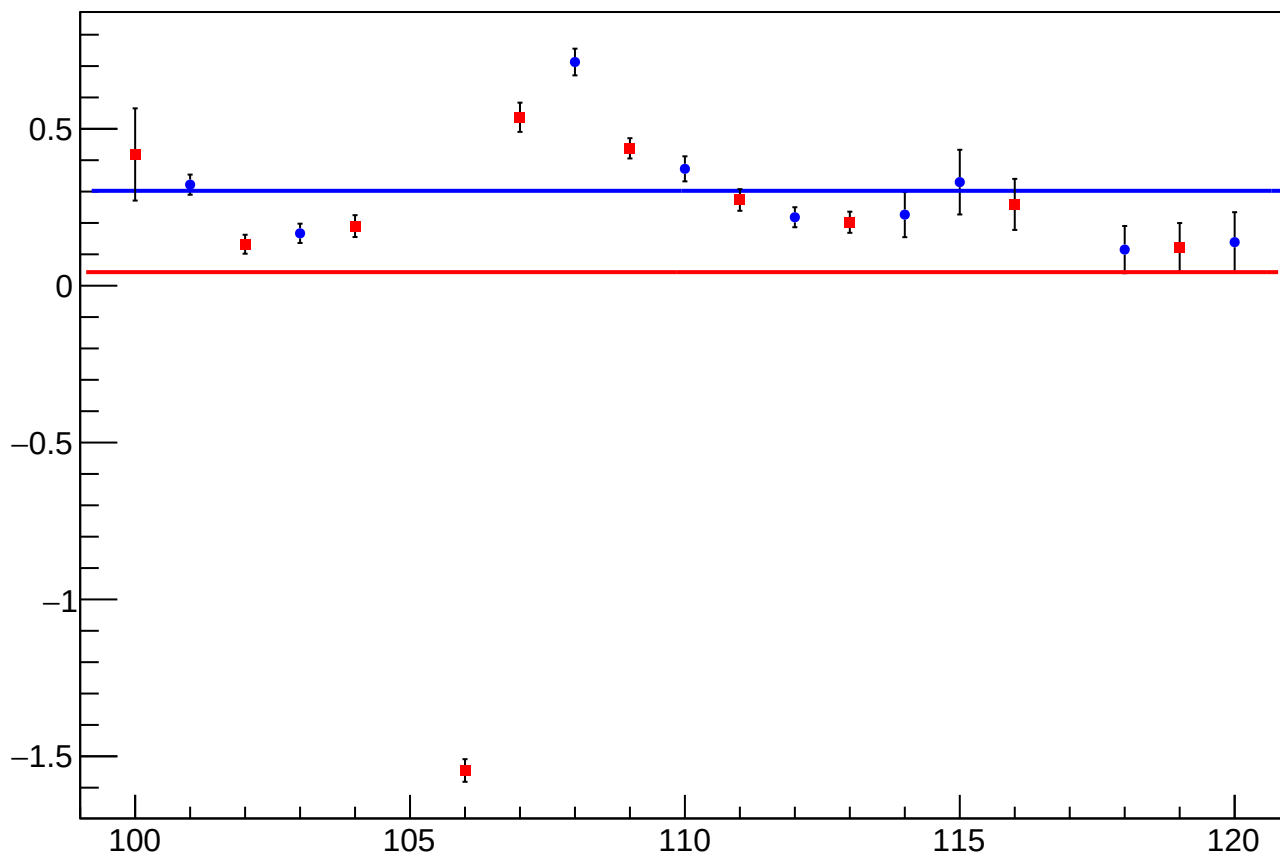
Right: 2.553+/-0.178 χ^2/NDF : 4259.9/18

In: 4.114+/-0.262 χ^2/NDF :2471.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2.553+/-0.178 χ^2/NDF : 4259.9/18

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.302 $\pm$ 0.014 χ^2 /NDF: 133.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.043 $\pm$ 0.013 χ^2 /NDF: 2308.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

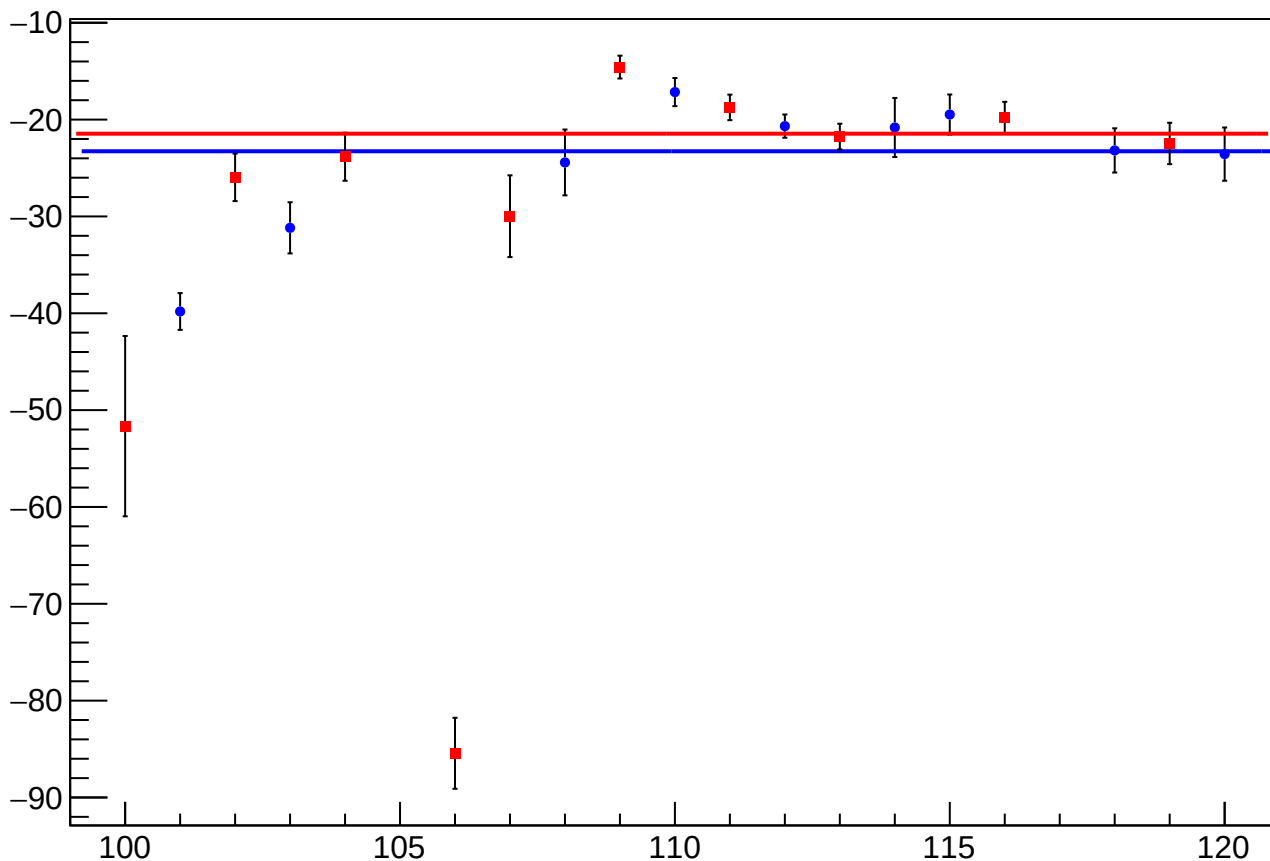
Right: 0.156 $\pm$ 0.010 χ^2 /NDF: 2623.1/18

In: 0.302 $\pm$ 0.014 χ^2 /NDF:133.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.156 $\pm$ 0.010 χ^2 /NDF: 2623.1/18

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -23.271+/-0.654 χ^2/NDF : 111.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -21.454+/-0.585 χ^2/NDF : 363.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

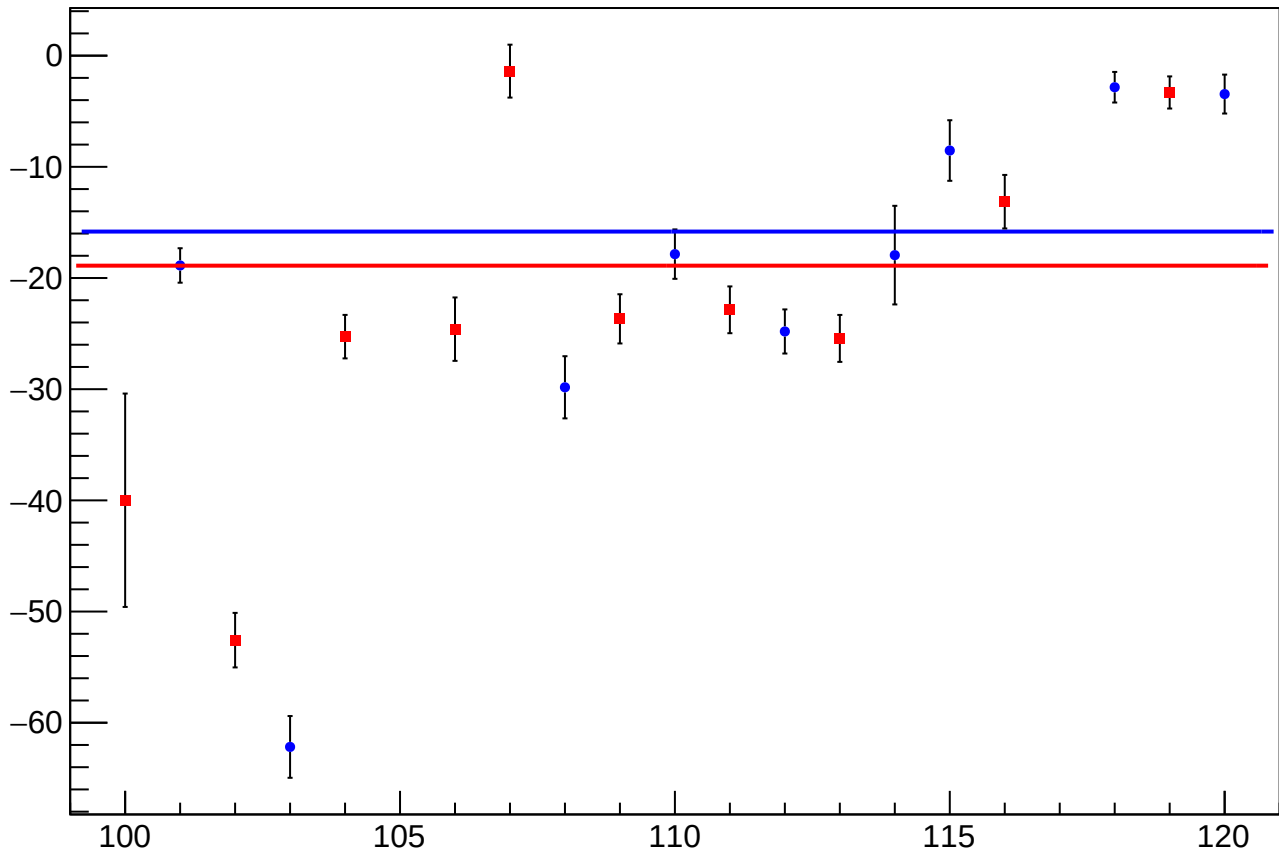
Right: -22.262+/-0.436 χ^2/NDF : 478.7/18

In: -23.271+/-0.654 χ^2/NDF :111.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -22.262+/-0.436 χ^2/NDF : 478.7/18

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -15.822 ± 0.679 χ^2/NDF : 475.1/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -18.889 ± 0.700 χ^2/NDF : 401.9/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

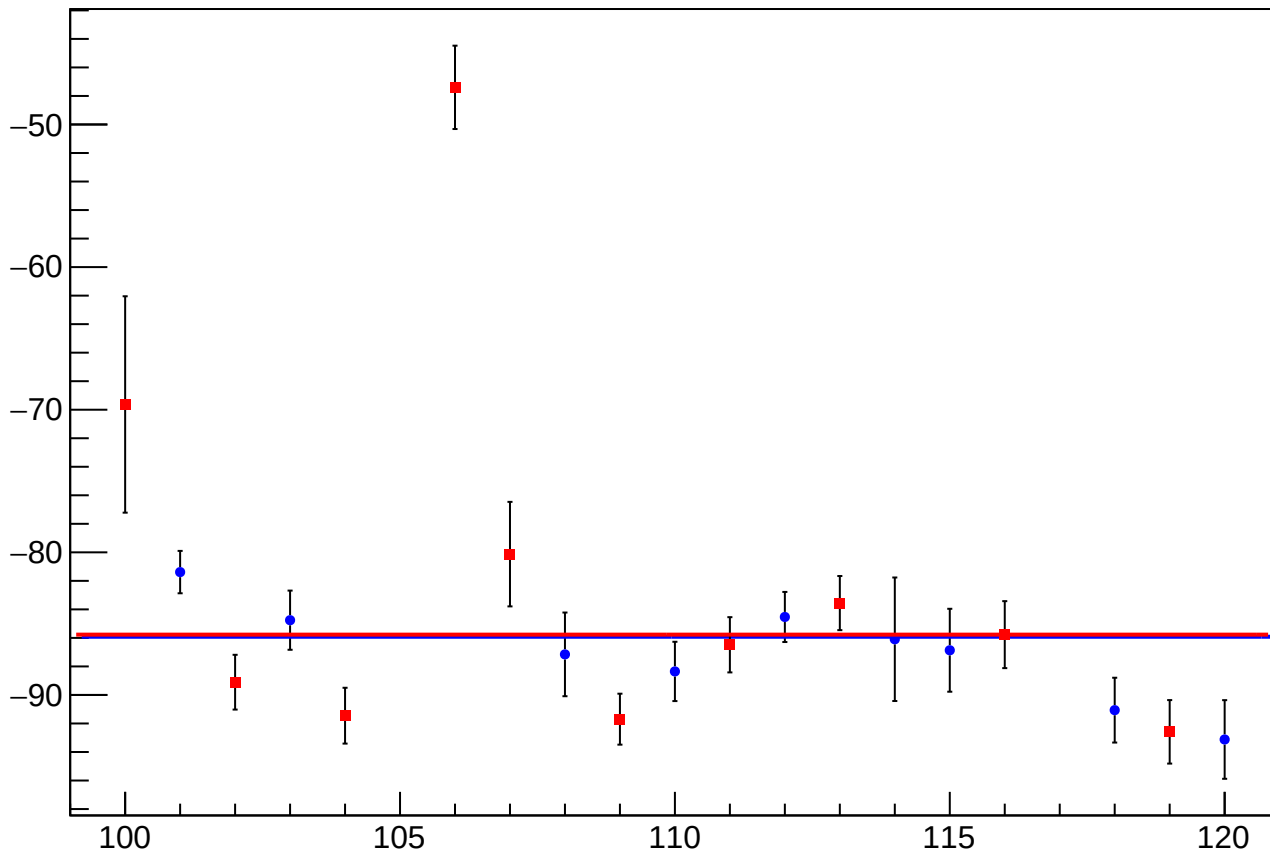
Right: -17.310 ± 0.487 χ^2/NDF : 886.9/18

In: -15.822 ± 0.679 χ^2/NDF : 475.1/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -17.310 ± 0.487 χ^2/NDF : 886.9/18

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -85.918 $\pm$ 0.734 χ^2 /NDF: 23.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -85.771 $\pm$ 0.710 χ^2 /NDF: 212.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

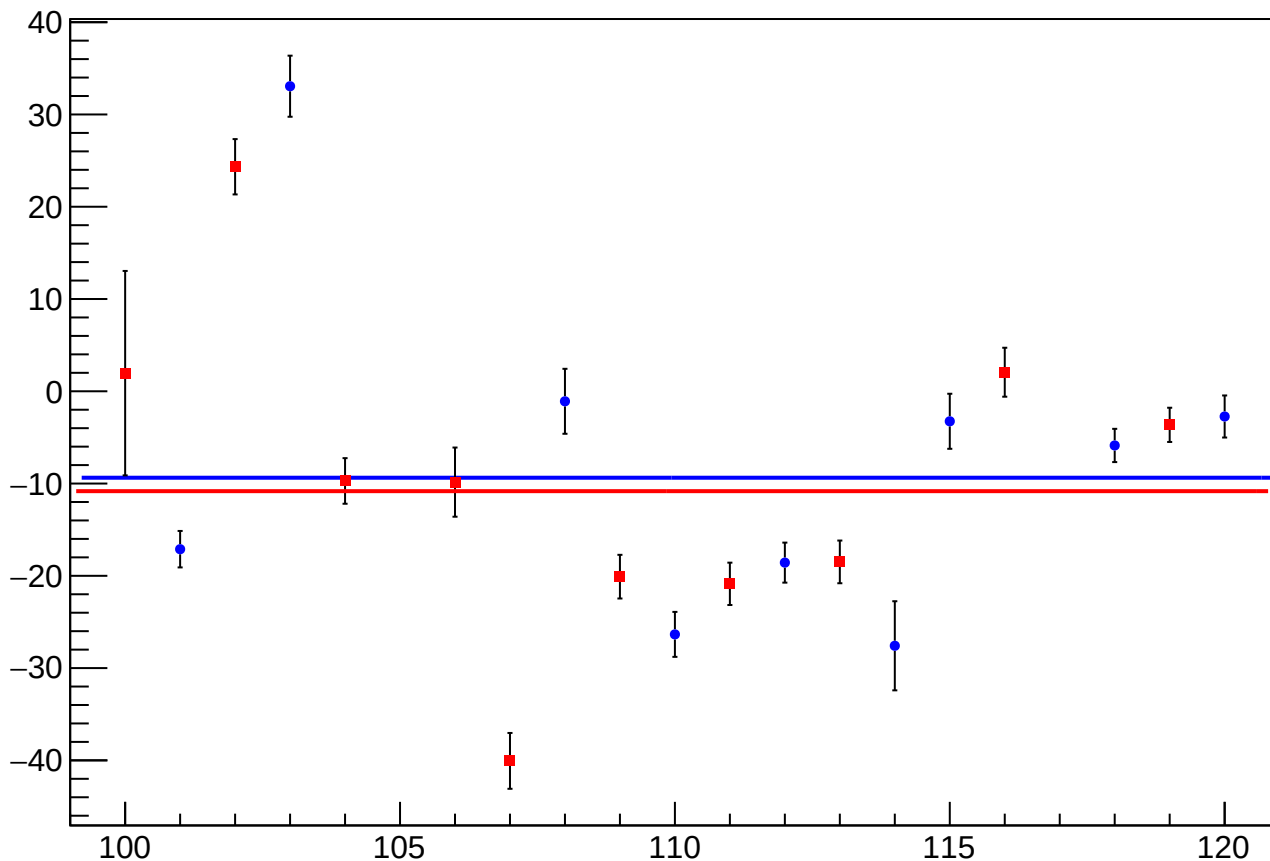
Right: -85.842 $\pm$ 0.511 χ^2 /NDF: 236.6/18

In: -85.918 $\pm$ 0.734 χ^2 /NDF: 23.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -85.842 $\pm$ 0.511 χ^2 /NDF: 236.6/18

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -9.369+/-0.826 χ^2/NDF : 282.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.825+/-0.830 χ^2/NDF : 316.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

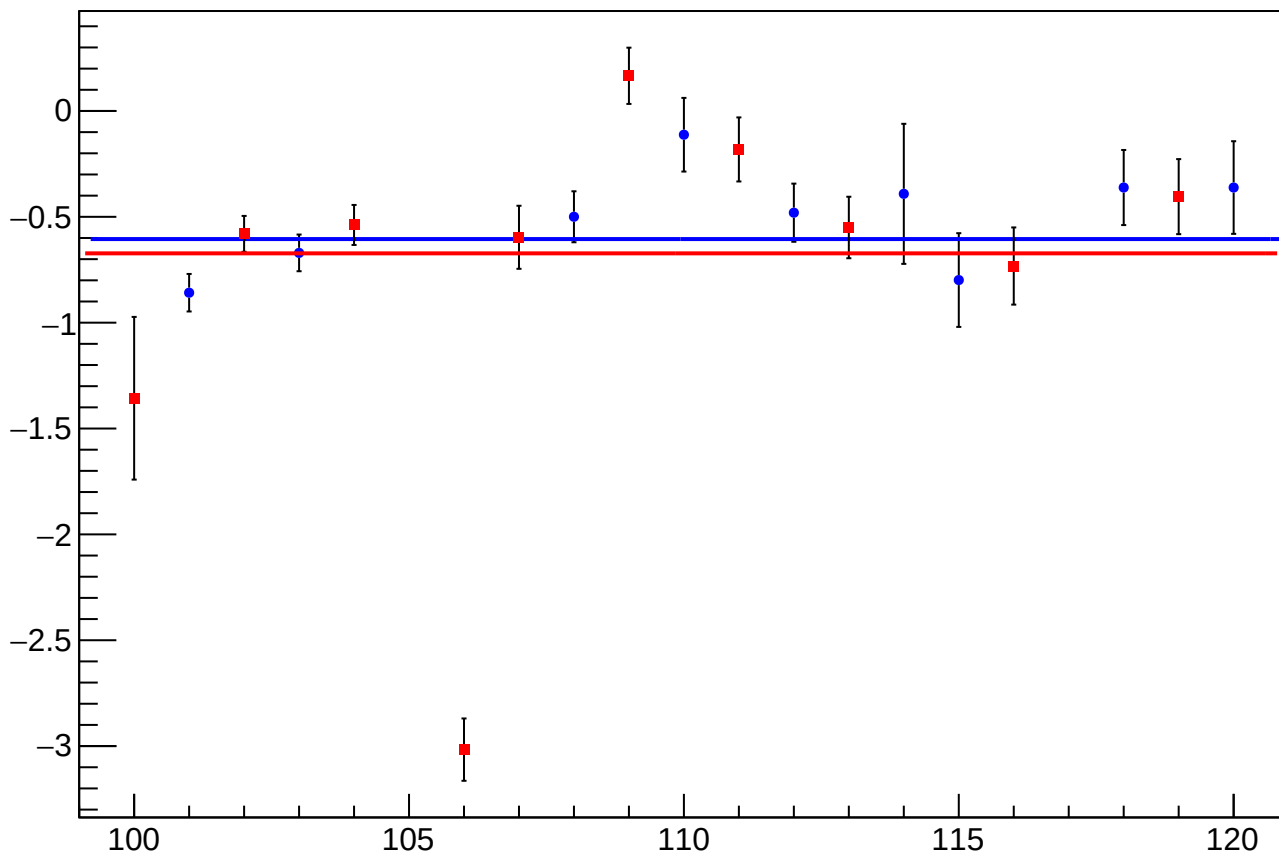
Right: -10.094+/-0.586 χ^2/NDF : 600.5/18

In: -9.369+/-0.826 χ^2/NDF : 282.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.094+/-0.586 χ^2/NDF : 600.5/18

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.605 ± 0.045 $\chi^2/\text{NDF}: 22.7/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.673 ± 0.042 $\chi^2/\text{NDF}: 313.6/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

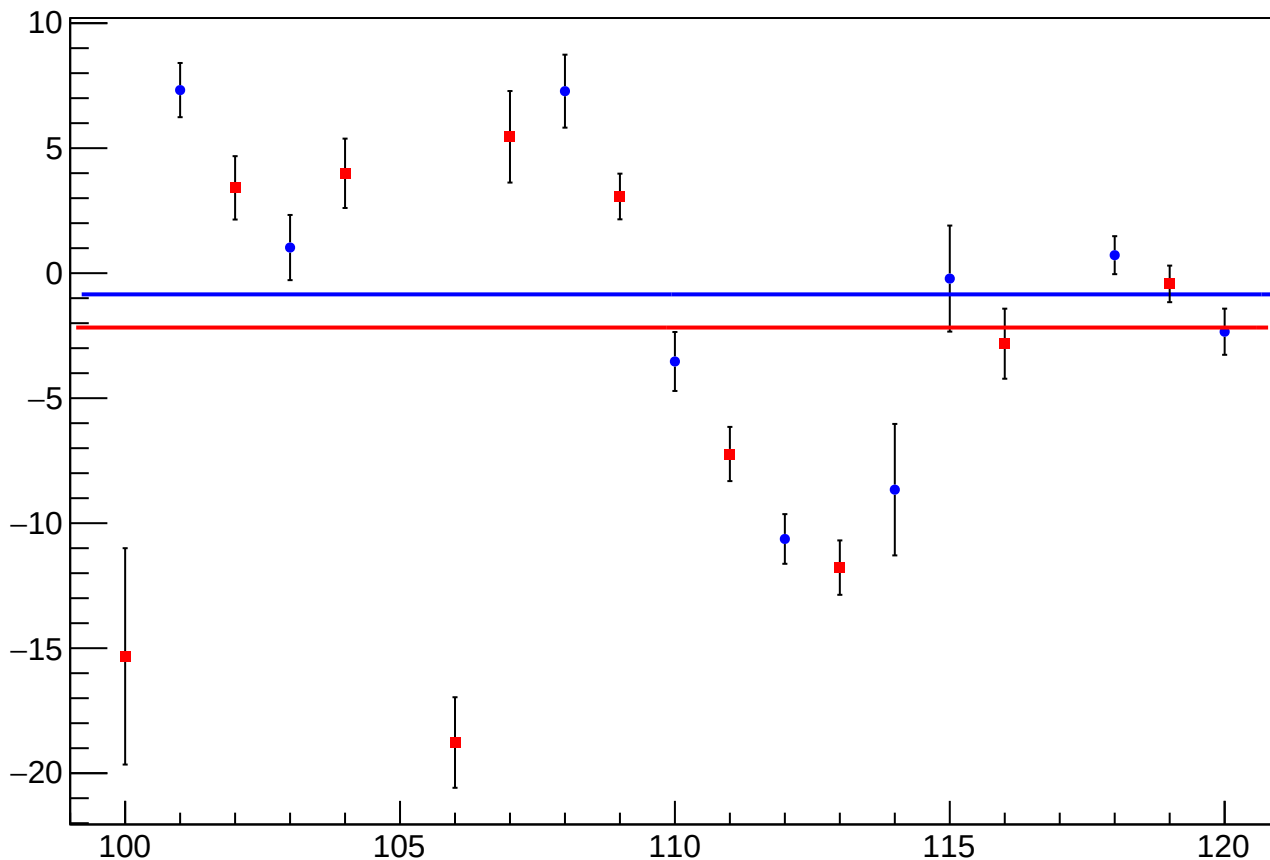
Right: -0.641 ± 0.031 $\chi^2/\text{NDF}: 337.5/18$

In: -0.605 ± 0.045 $\chi^2/\text{NDF}: 22.7/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.641 ± 0.031 $\chi^2/\text{NDF}: 337.5/18$

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.848 ± 0.380 χ^2/NDF : 207.8/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.174 ± 0.376 χ^2/NDF : 288.3/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

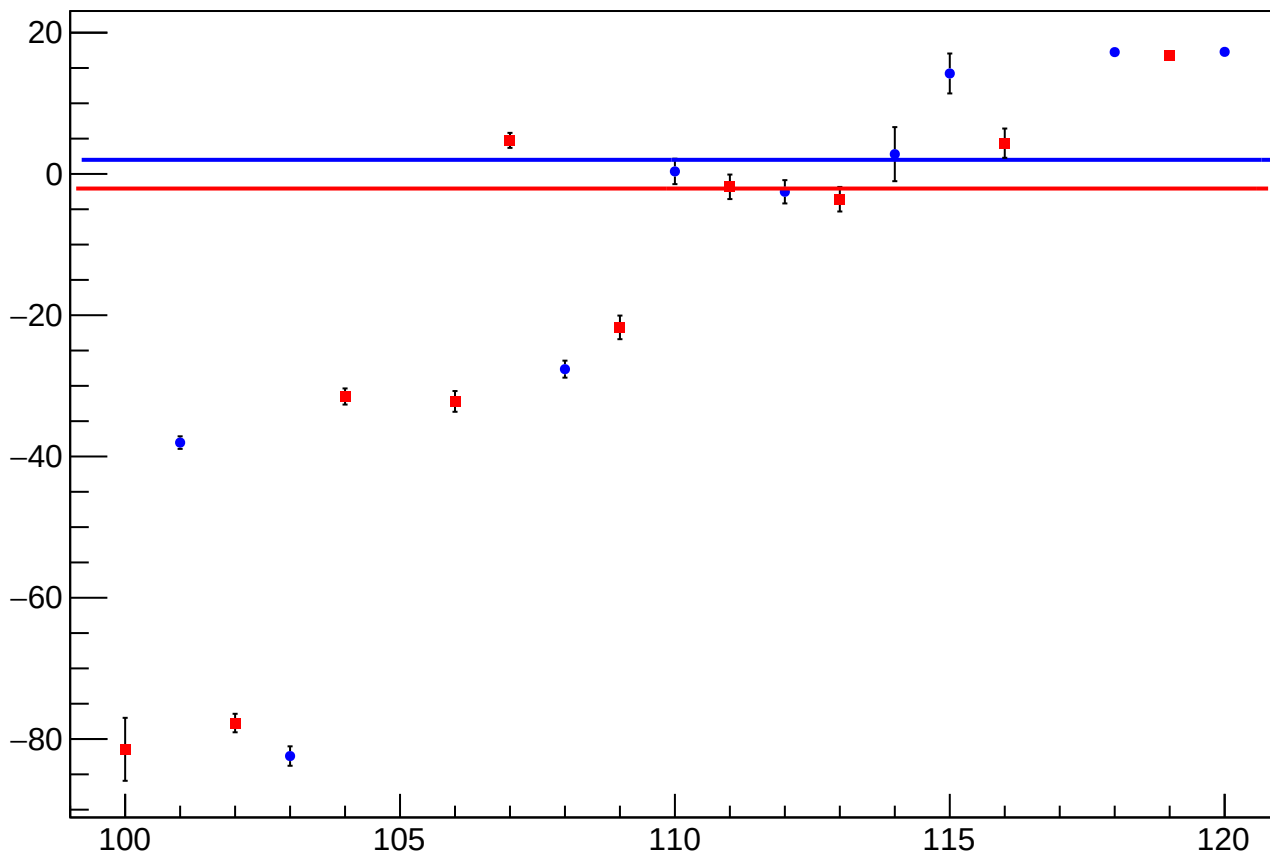
Right: -1.519 ± 0.267 χ^2/NDF : 502.3/18

In: -0.848 ± 0.380 χ^2/NDF : 207.8/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.519 ± 0.267 χ^2/NDF : 502.3/18

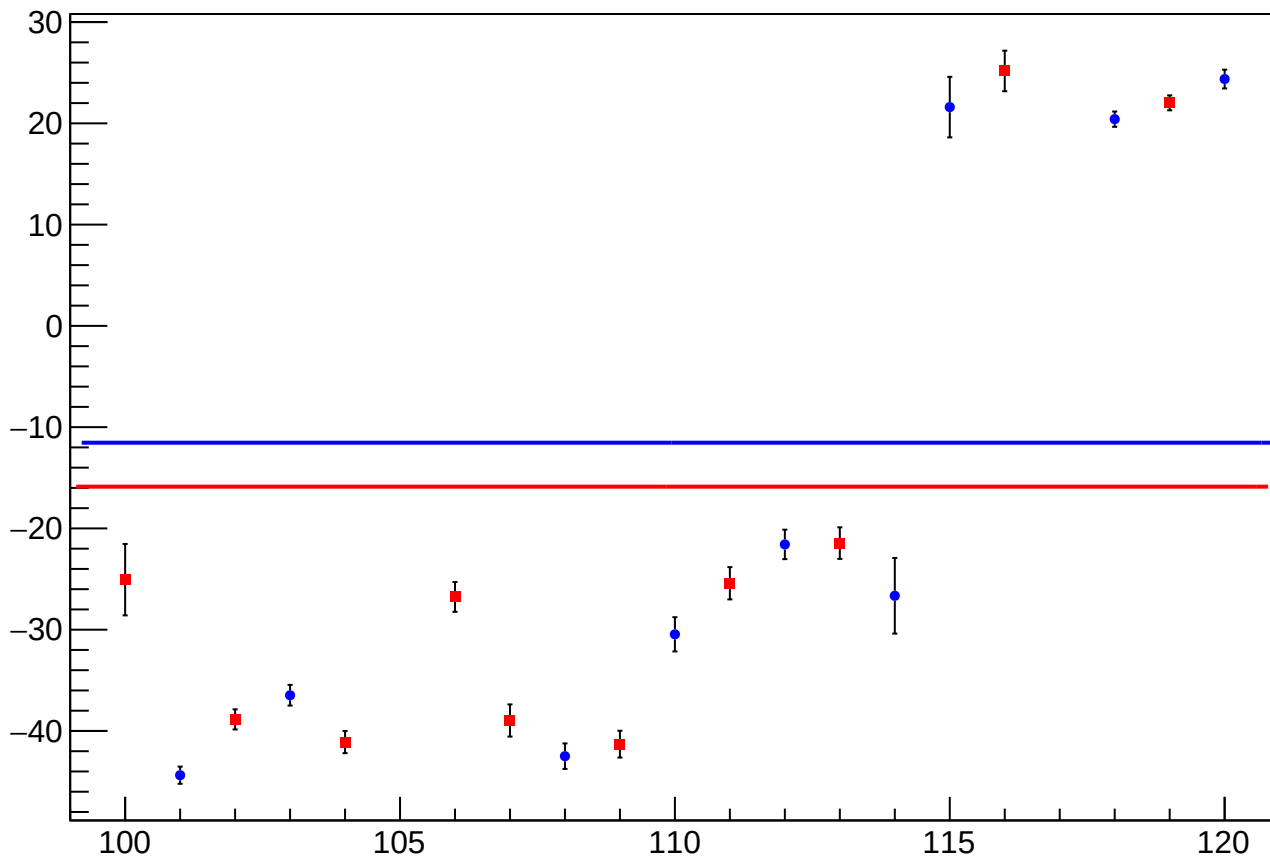
reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.998+/-0.302 χ^2/NDF : 8197.5/8
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -2.066+/-0.343 χ^2/NDF : 6523.4/9
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.222+/-0.227 χ^2/NDF : 14800.2/18
 In: 1.998+/-0.302 χ^2/NDF :8197.5/8
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.222+/-0.227 χ^2/NDF : 14800.2/18

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -11.535+/-0.381 χ^2/NDF : 6293.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.876+/-0.400 χ^2/NDF : 4817.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

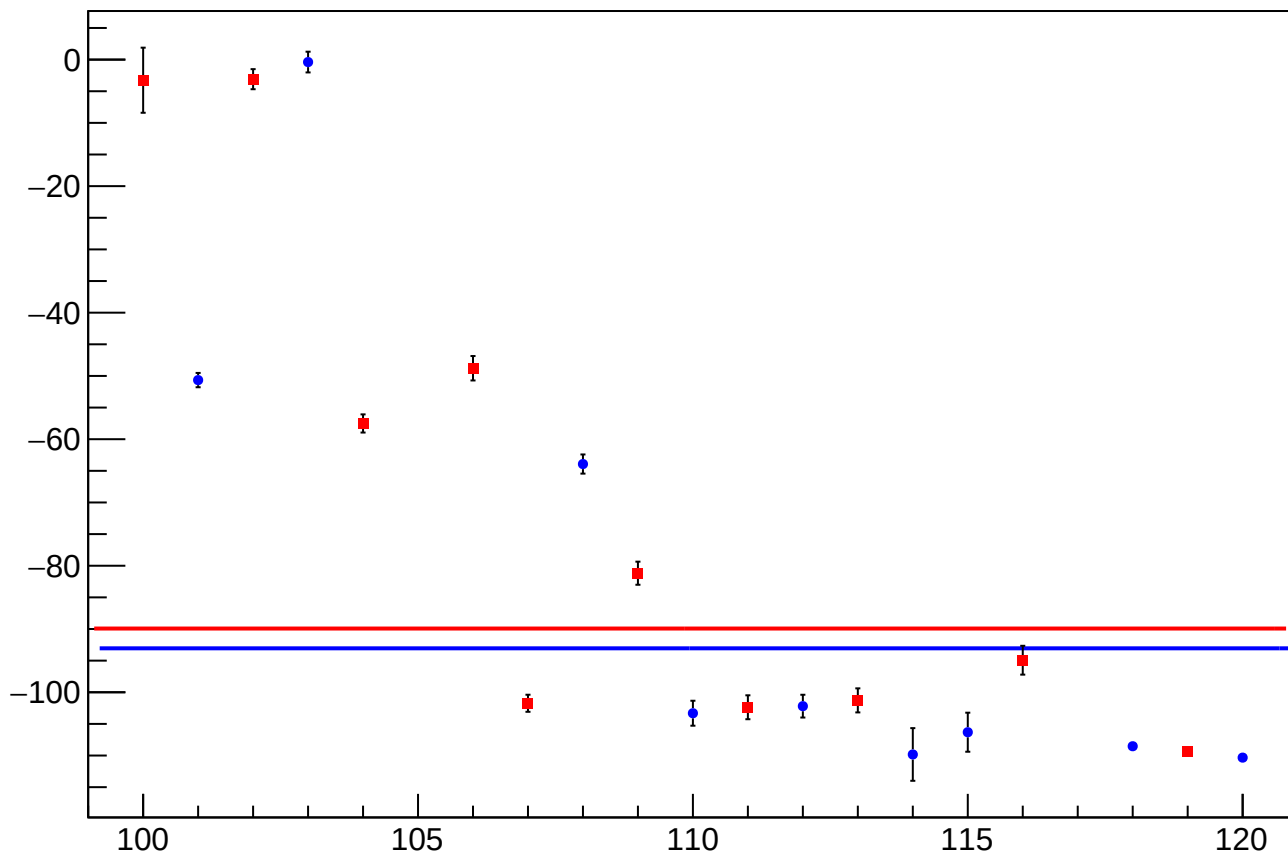
Right: -13.600+/-0.276 χ^2/NDF : 11171.9/18

In: -11.535+/-0.381 χ^2/NDF : 6293.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.600+/-0.276 χ^2/NDF : 11171.9/18

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -93.054+/-0.383 χ^2/NDF : 6235.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -89.926+/-0.426 χ^2/NDF : 5458.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

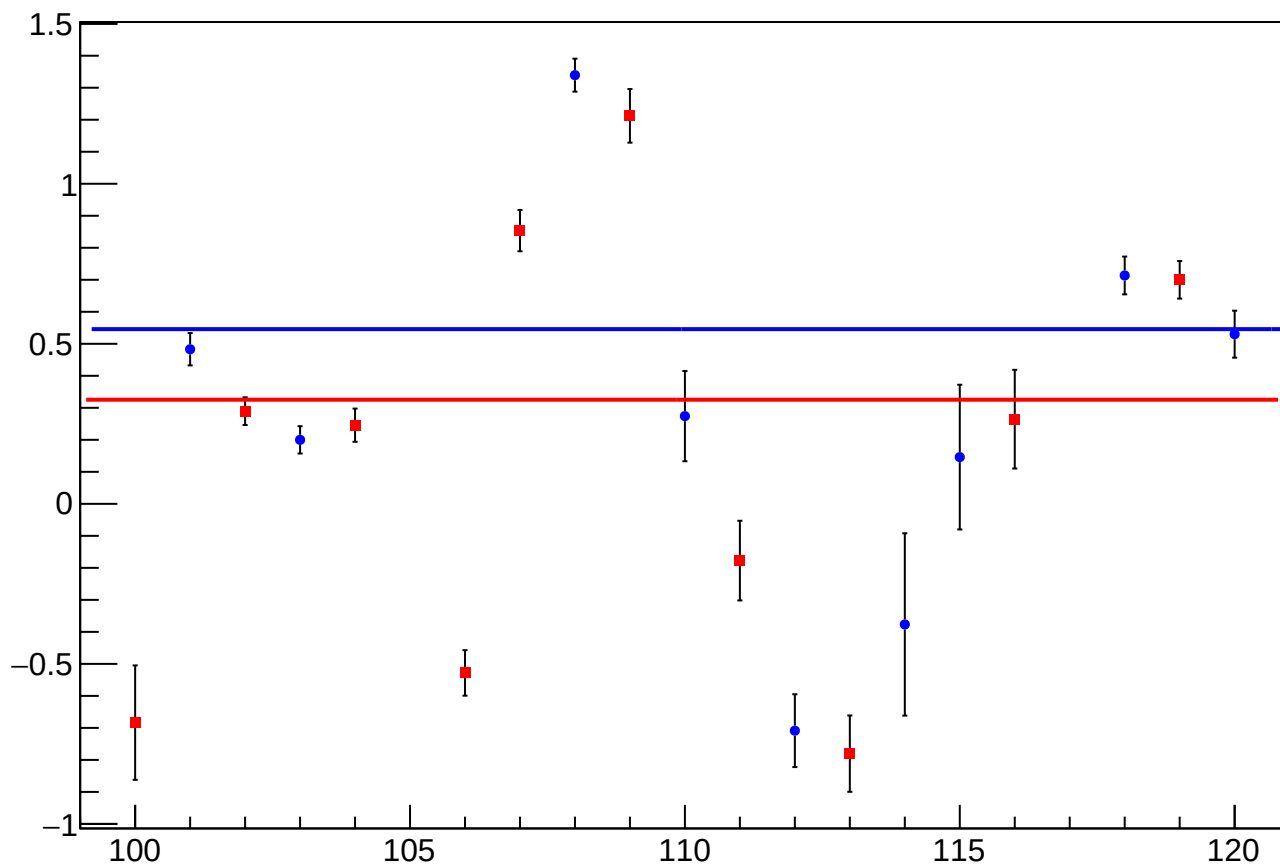
Right: -91.654+/-0.285 χ^2/NDF : 11723.3/18

In: -93.054+/-0.383 χ^2/NDF : 6235.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -91.654+/-0.285 χ^2/NDF : 11723.3/18

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.546+/-0.023 χ^2/NDF : 451.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.325+/-0.022 χ^2/NDF : 501.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

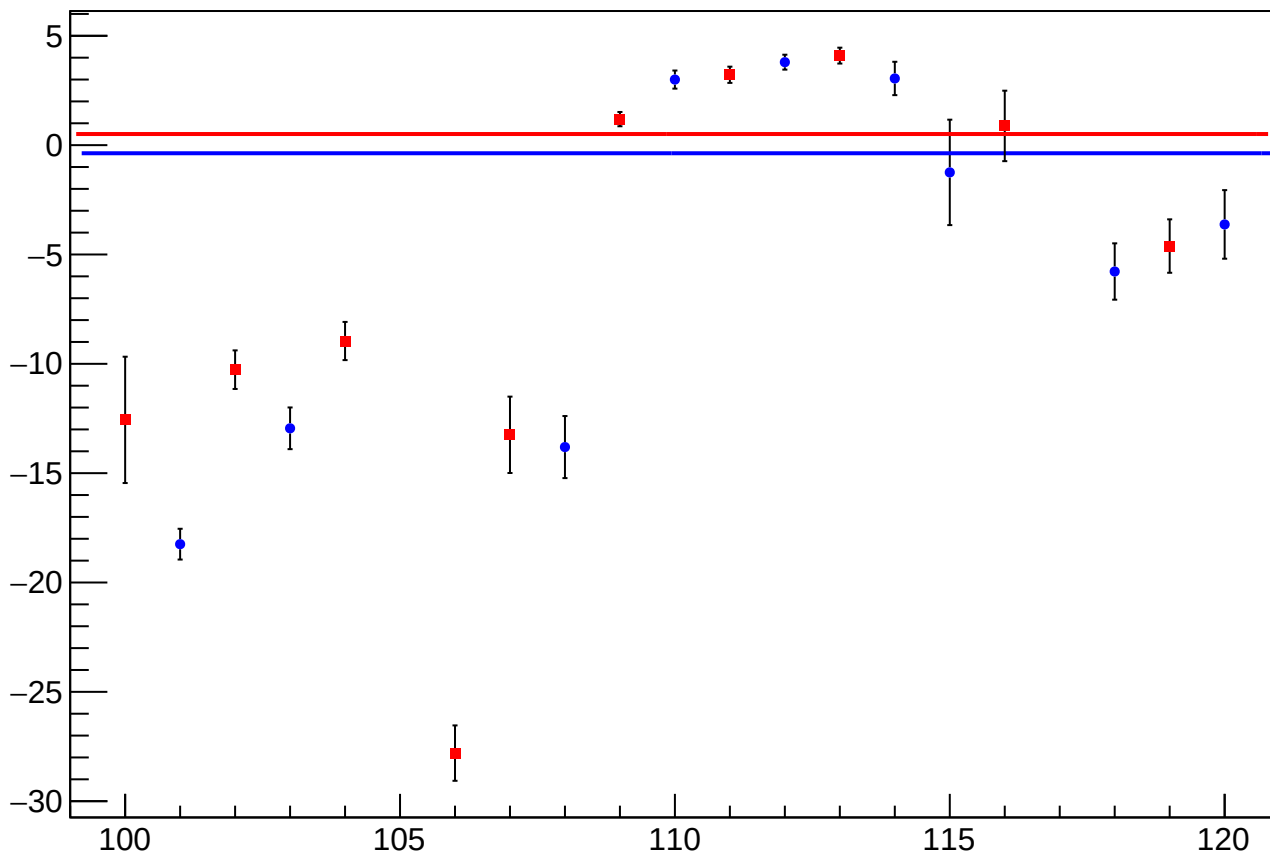
Right: 0.435+/-0.016 χ^2/NDF : 1001.3/18

In: 0.546+/-0.023 χ^2/NDF : 451.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.435+/-0.016 χ^2/NDF : 1001.3/18

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.371+/-0.218 χ^2/NDF : 1166.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.509+/-0.186 χ^2/NDF : 1022.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

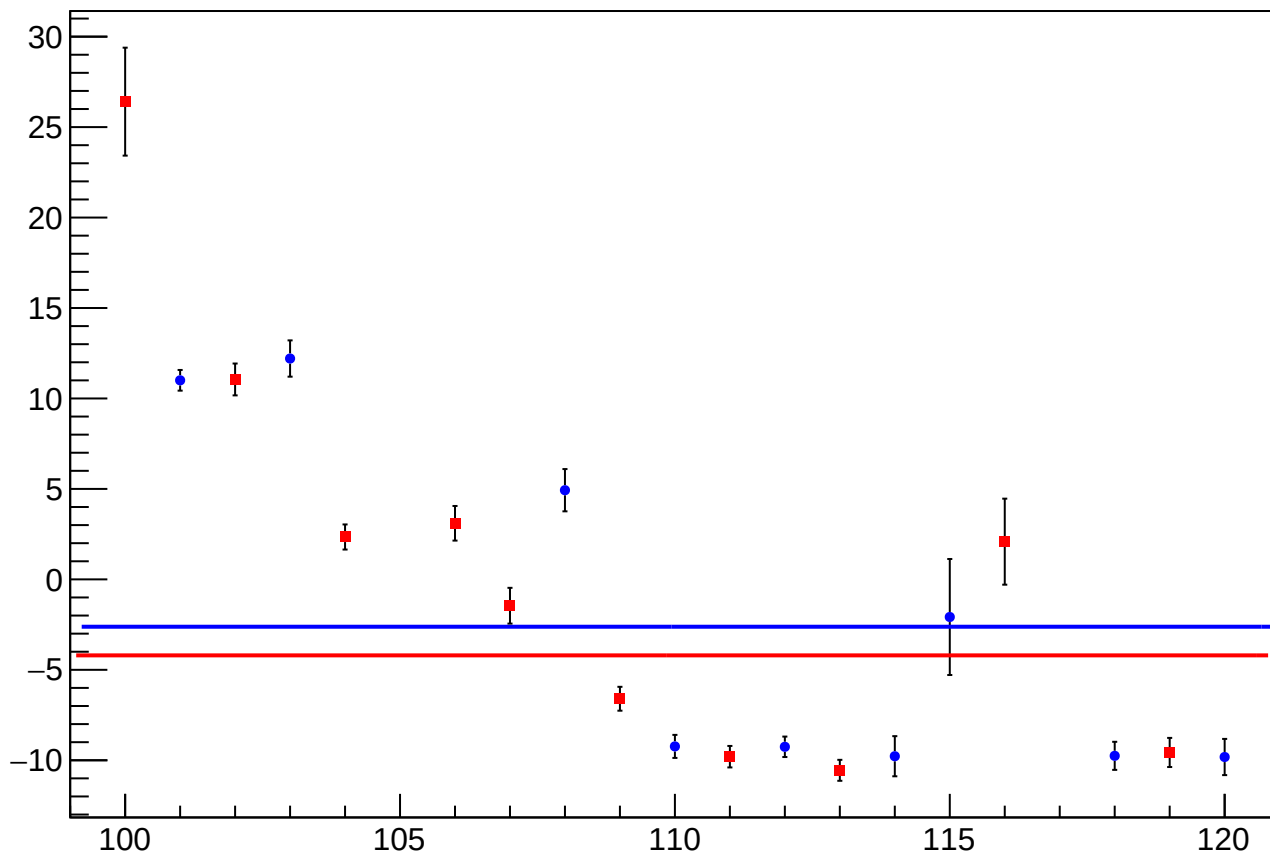
Right: 0.140+/-0.142 χ^2/NDF : 2198.0/18

In: -0.371+/-0.218 χ^2/NDF :1166.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.140+/-0.142 χ^2/NDF : 2198.0/18

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.618 ± 0.268 χ^2/NDF : 1251.8/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.201 ± 0.255 χ^2/NDF : 834.3/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

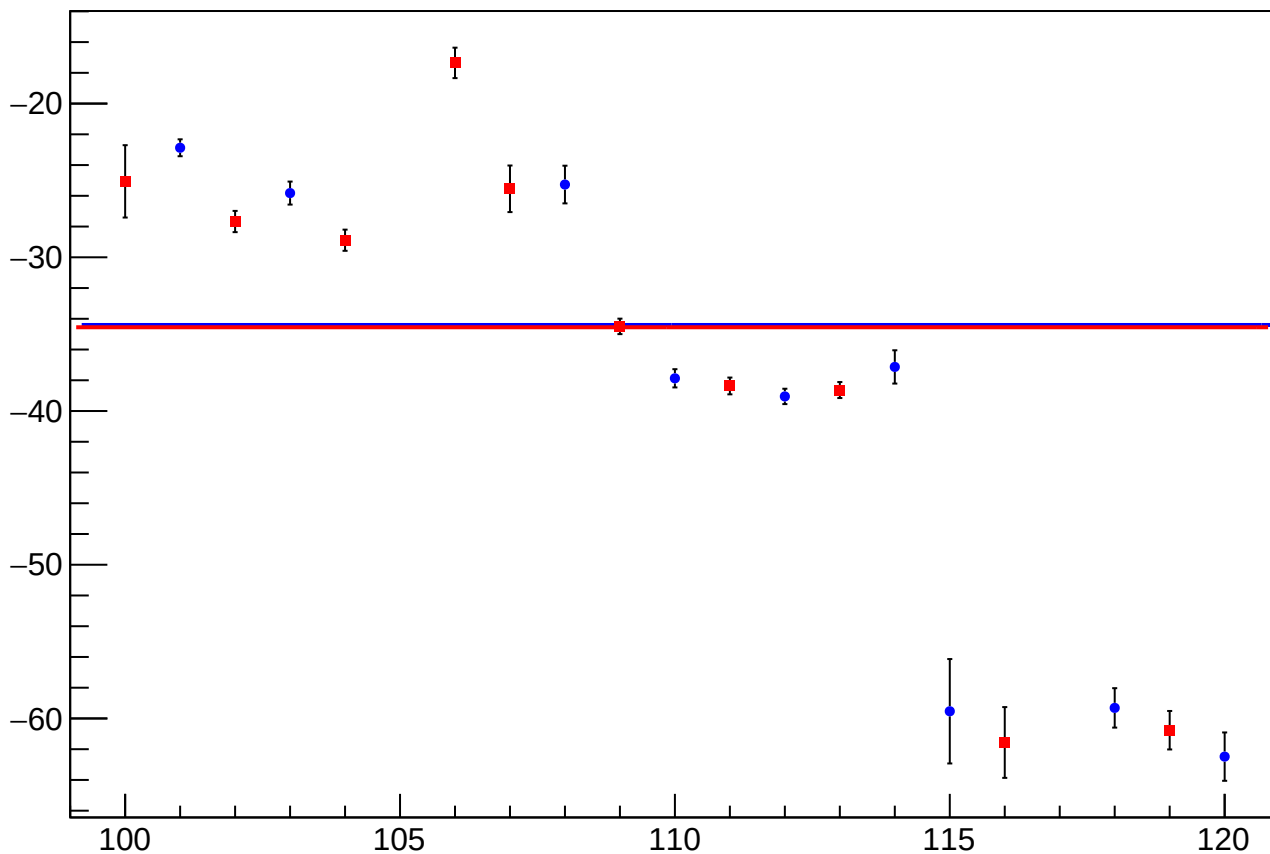
Right: -3.449 ± 0.184 χ^2/NDF : 2104.5/18

In: -2.618 ± 0.268 χ^2/NDF : 1251.8/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.449 ± 0.184 χ^2/NDF : 2104.5/18

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -34.403+/-0.262 χ^2/NDF : 1503.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -34.552+/-0.238 χ^2/NDF : 1207.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

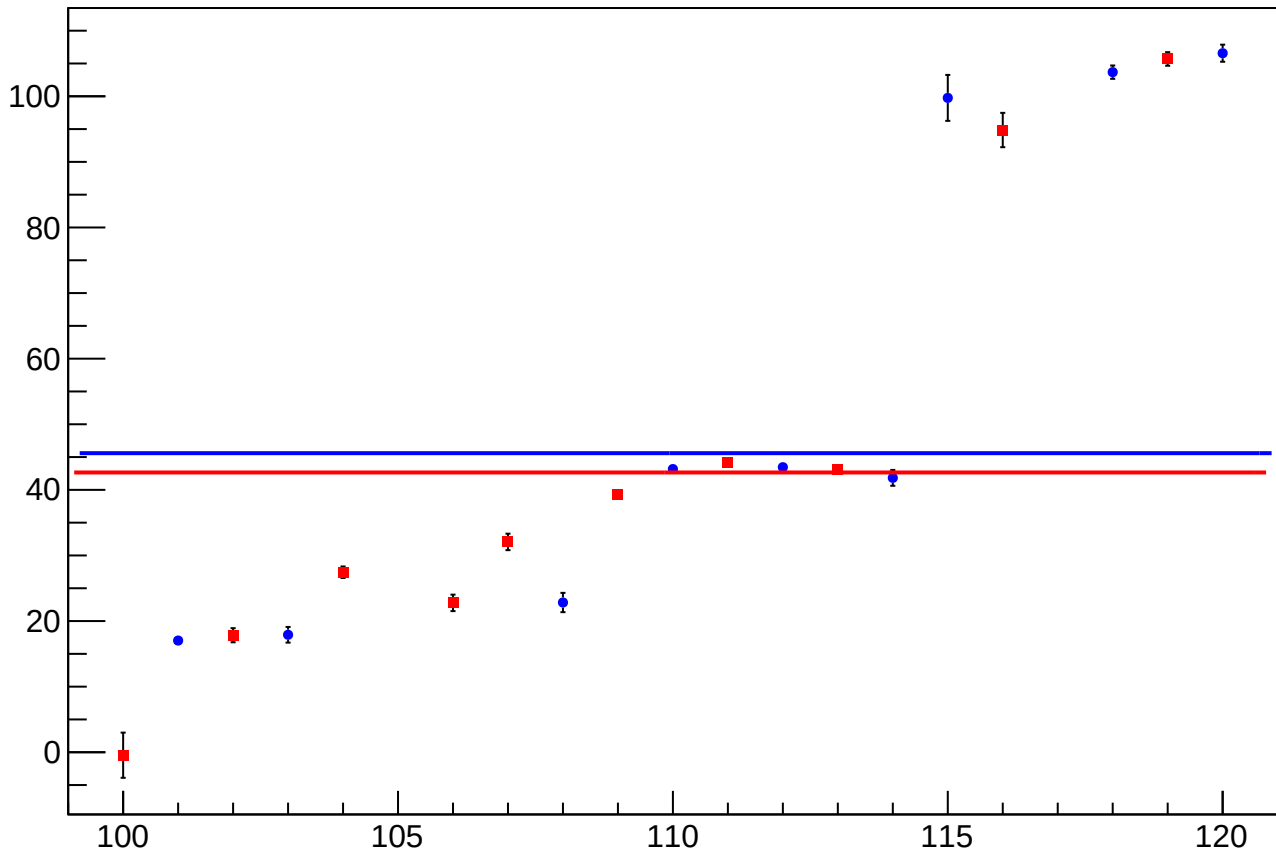
Right: -34.484+/-0.176 χ^2/NDF : 2711.1/18

In: -34.403+/-0.262 χ^2/NDF : 1503.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.484+/-0.176 χ^2/NDF : 2711.1/18

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.592 $\pm$ 0.315 χ^2 /NDF: 8056.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 42.651 $\pm$ 0.294 χ^2 /NDF: 5452.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

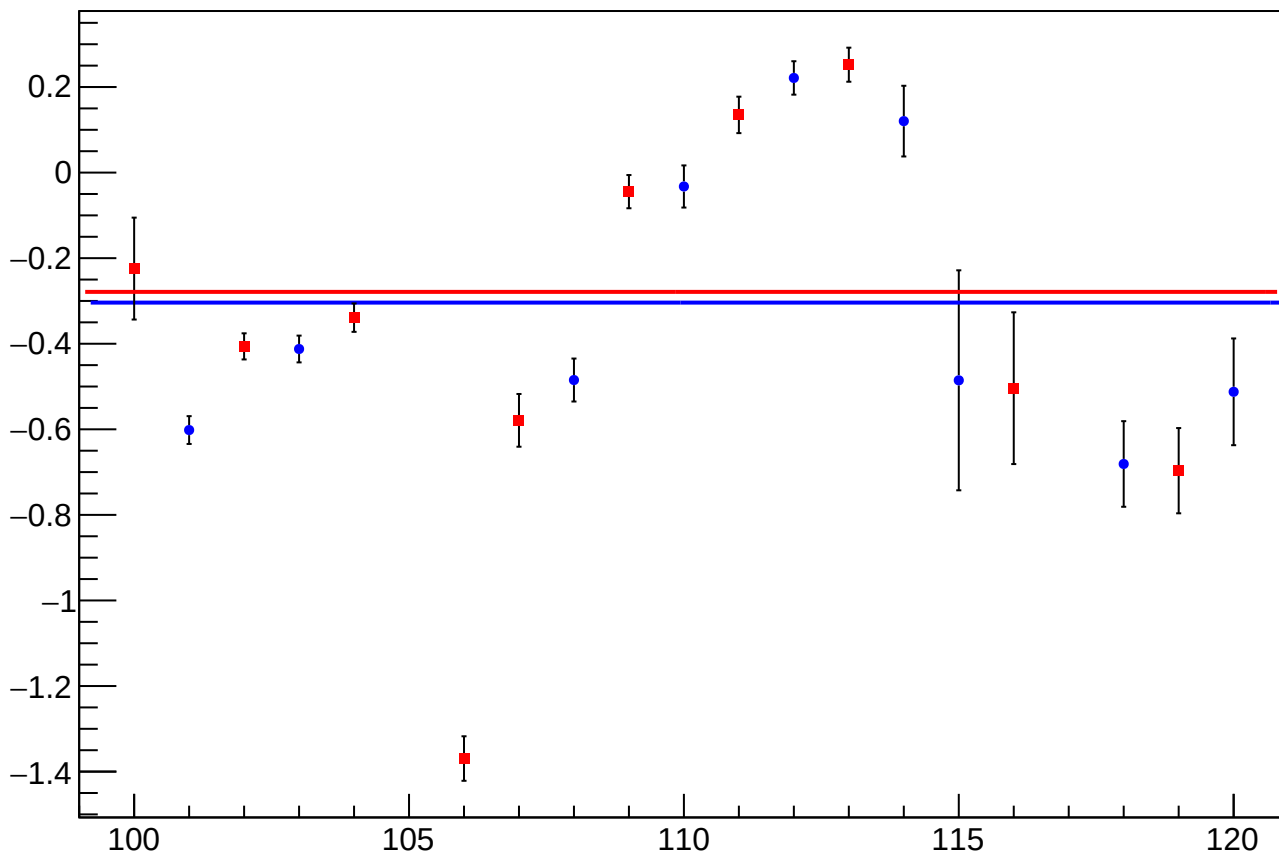
Right: 44.020 $\pm$ 0.215 χ^2 /NDF: 13555.6/18

In: 45.592 $\pm$ 0.315 χ^2 /NDF:8056.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 44.020 $\pm$ 0.215 χ^2 /NDF: 13555.6/18

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.304 $\pm$ 0.016 χ^2 /NDF: 363.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.279 $\pm$ 0.015 χ^2 /NDF: 812.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

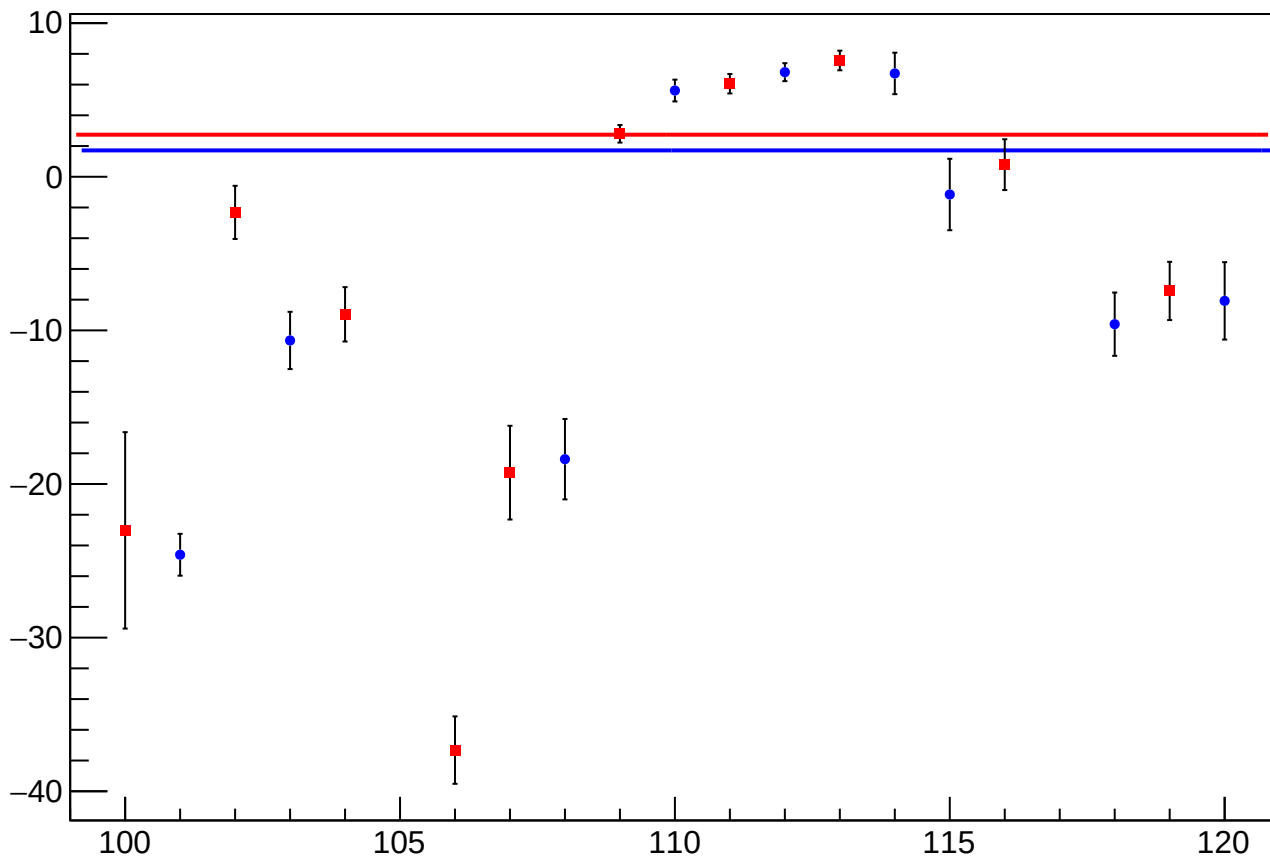
Right: -0.290 $\pm$ 0.011 χ^2 /NDF: 1177.1/18

In: -0.304 $\pm$ 0.016 χ^2 /NDF:363.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.290 $\pm$ 0.011 χ^2 /NDF: 1177.1/18

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.716+/-0.378 χ^2/NDF : 642.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.739+/-0.322 χ^2/NDF : 568.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

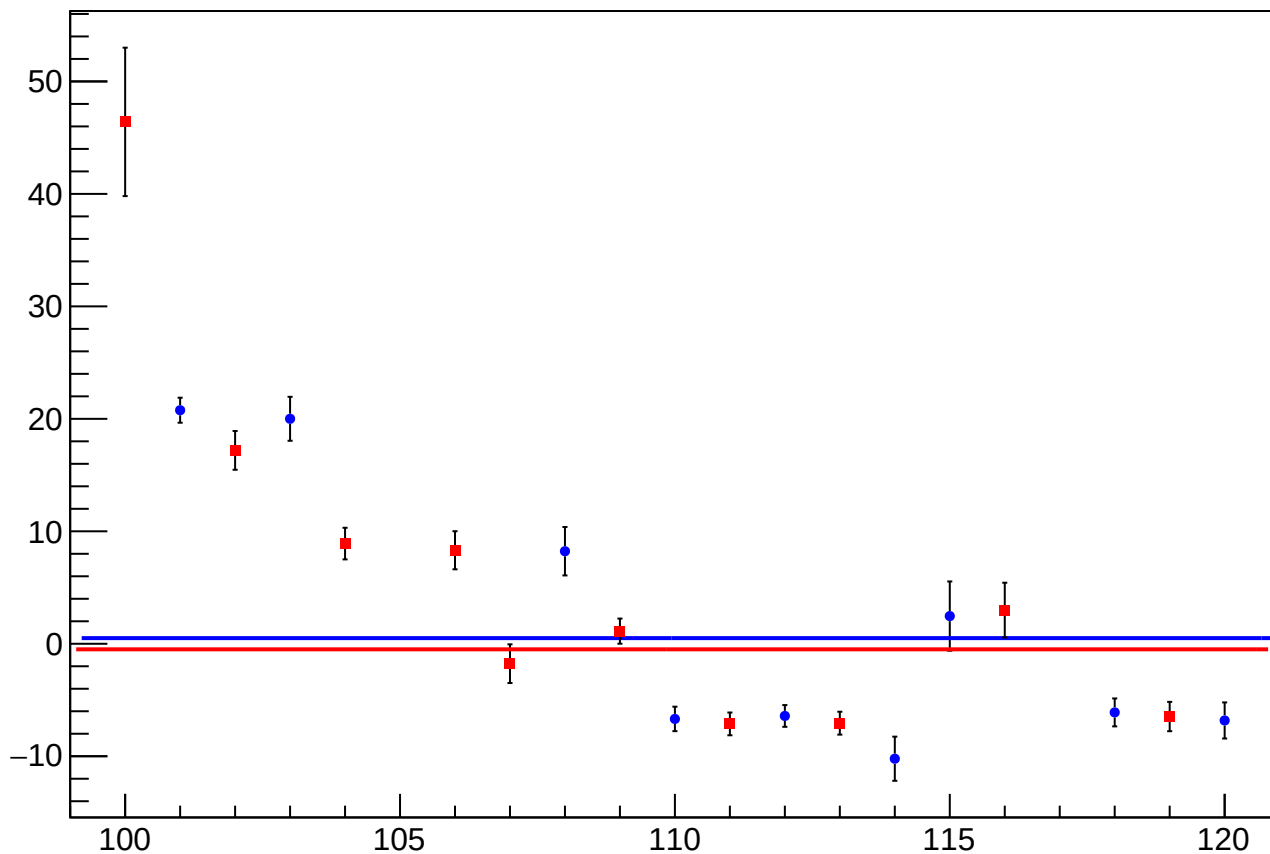
Right: 2.308+/-0.245 χ^2/NDF : 1215.8/18

In: 1.716+/-0.378 χ^2/NDF : 642.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.308+/-0.245 χ^2/NDF : 1215.8/18

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.502+/-0.466 χ^2/NDF : 619.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.495+/-0.445 χ^2/NDF : 337.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

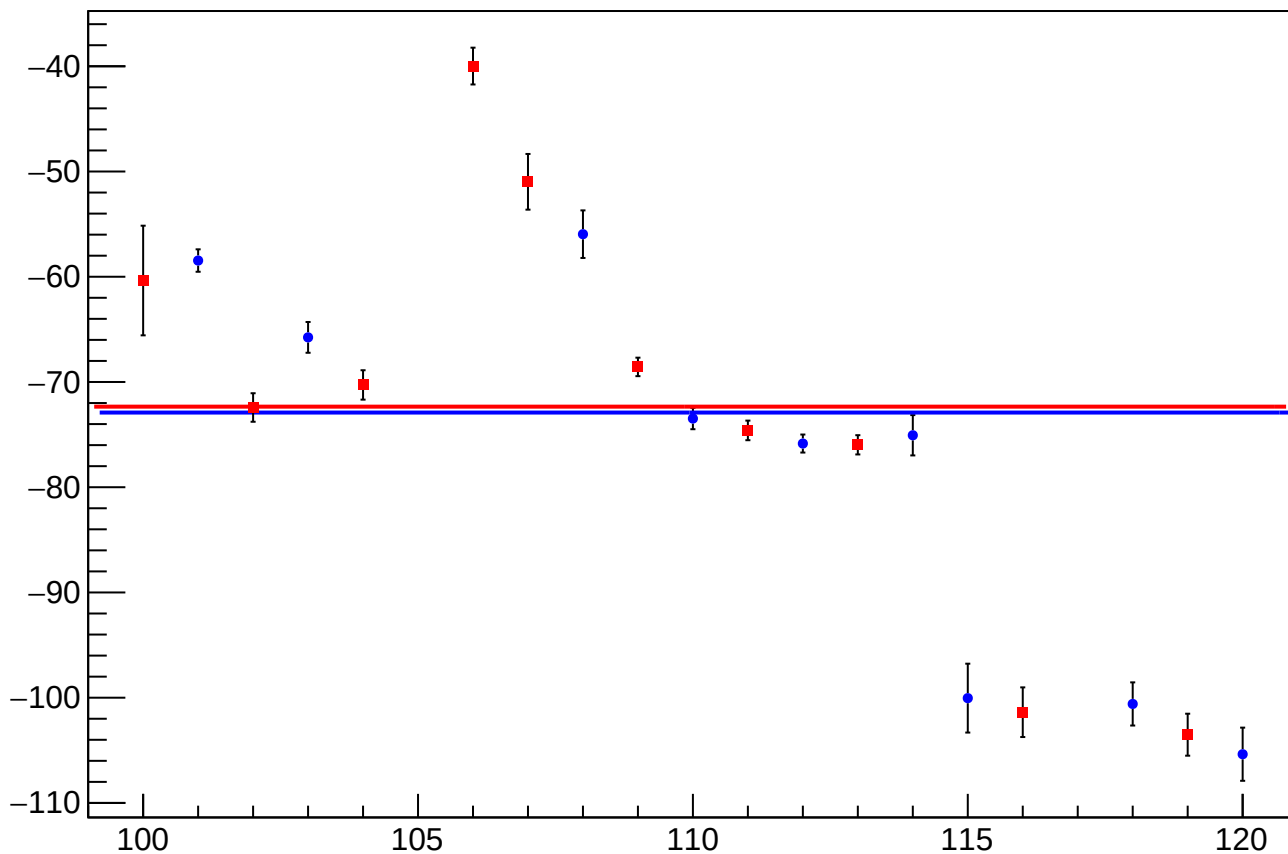
Right: -0.019+/-0.322 χ^2/NDF : 959.7/18

In: 0.502+/-0.466 χ^2/NDF :619.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.019+/-0.322 χ^2/NDF : 959.7/18

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.905+/-0.464 χ^2/NDF : 693.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -72.344+/-0.421 χ^2/NDF : 851.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

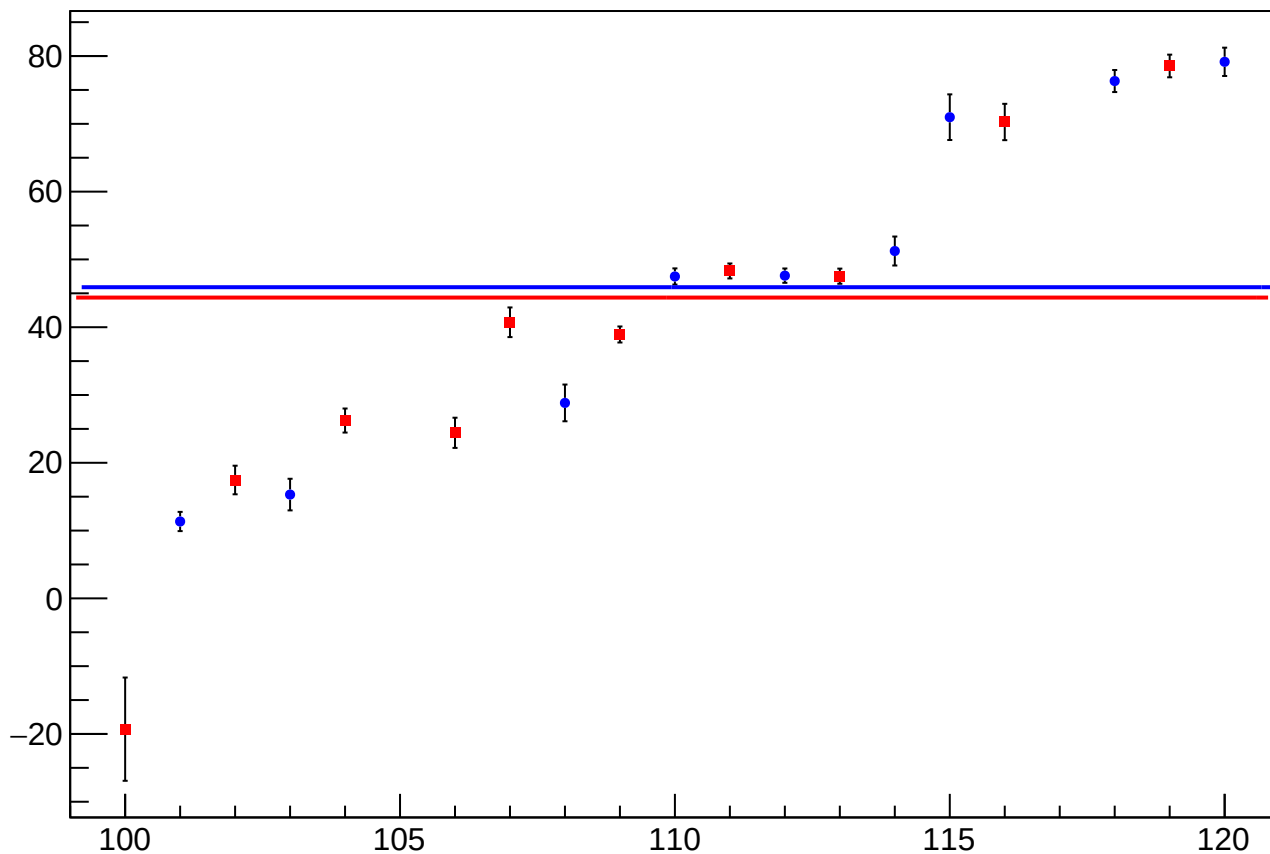
Right: -72.597+/-0.312 χ^2/NDF : 1545.2/18

In: -72.905+/-0.464 χ^2/NDF : 693.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -72.597+/-0.312 χ^2/NDF : 1545.2/18

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.901+/-0.548 χ^2/NDF : 1476.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.373+/-0.512 χ^2/NDF : 973.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

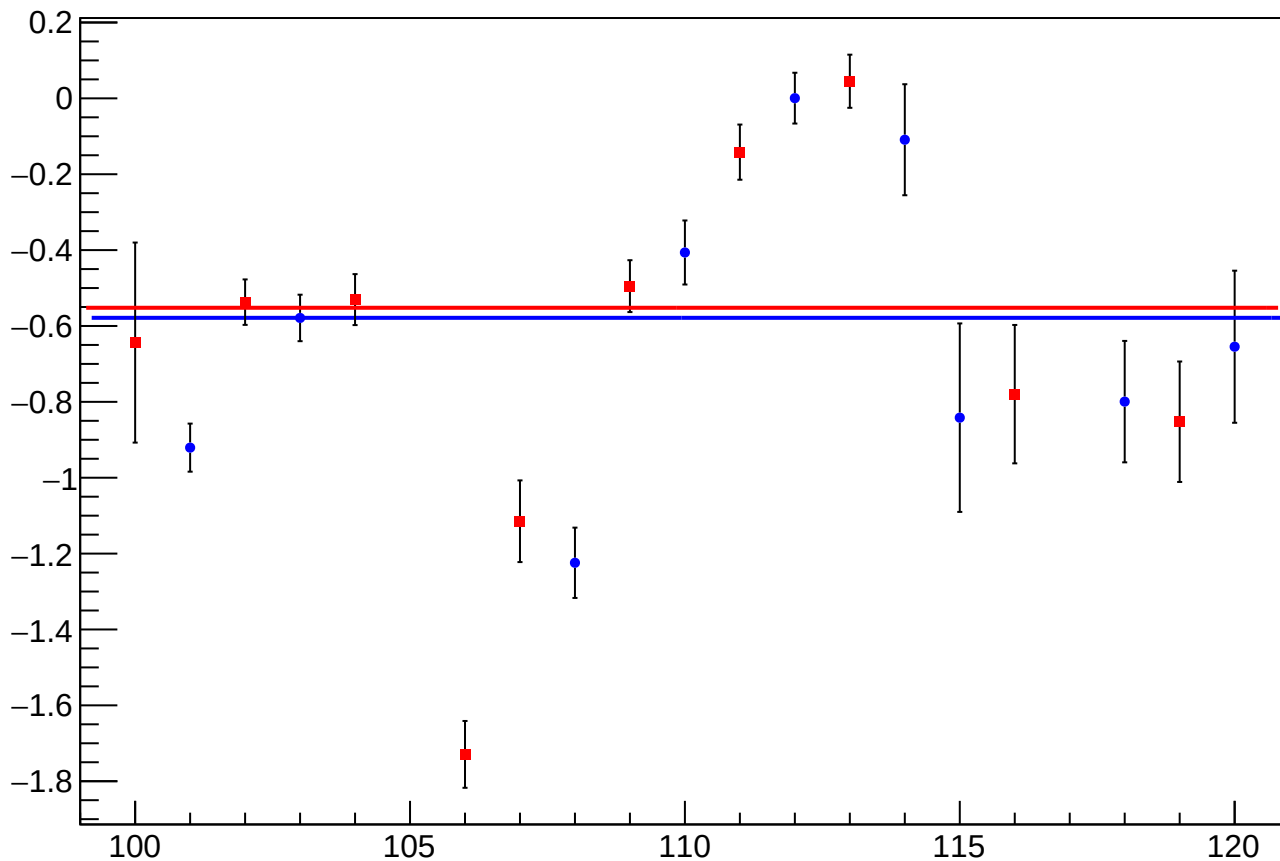
Right: 45.086+/-0.374 χ^2/NDF : 2453.8/18

In: 45.901+/-0.548 χ^2/NDF : 1476.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.086+/-0.374 χ^2/NDF : 2453.8/18

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.579+/-0.030 χ^2/NDF : 170.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.552+/-0.027 χ^2/NDF : 316.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

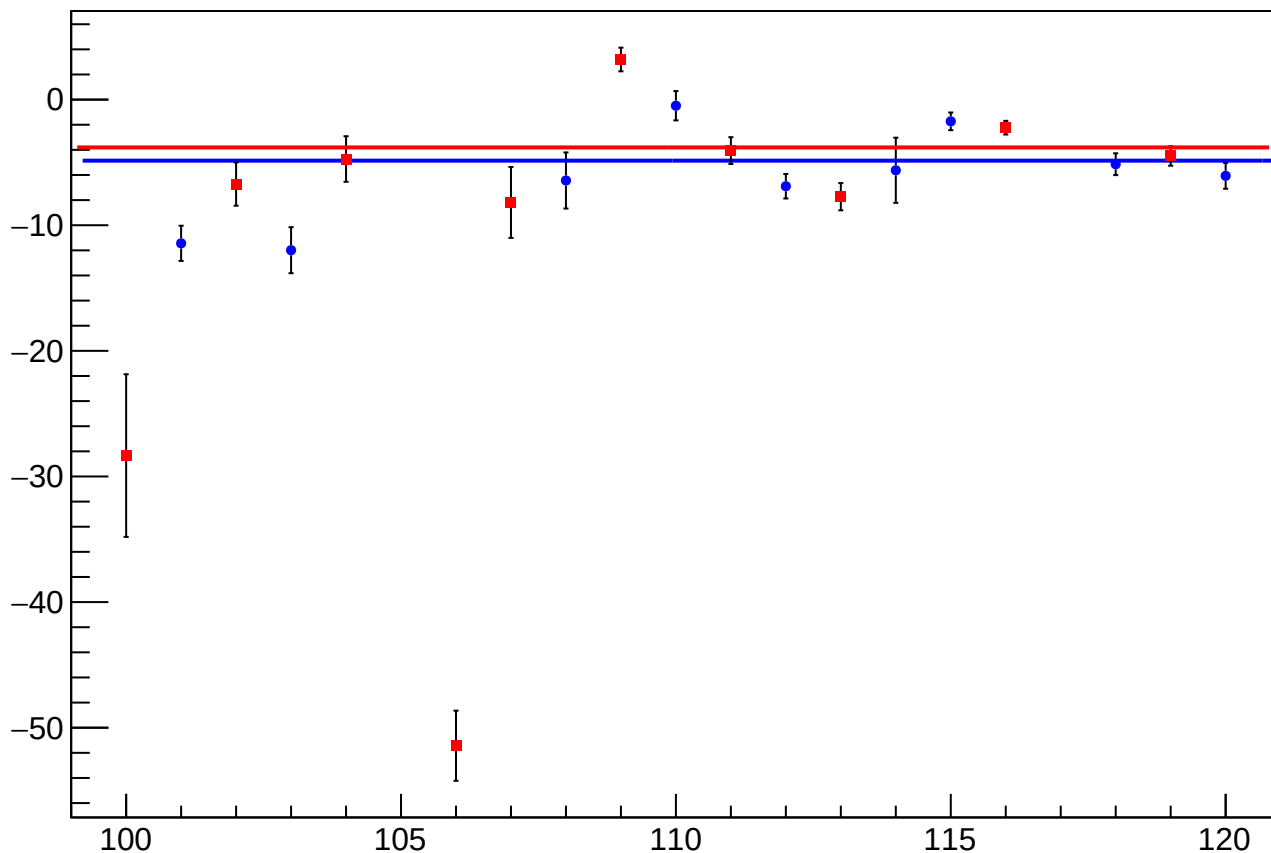
Right: -0.564+/-0.020 χ^2/NDF : 487.2/18

In: -0.579+/-0.030 χ^2/NDF : 170.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.564+/-0.020 χ^2/NDF : 487.2/18

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.859+/-0.371 χ^2/NDF : 77.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.806+/-0.337 χ^2/NDF : 388.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

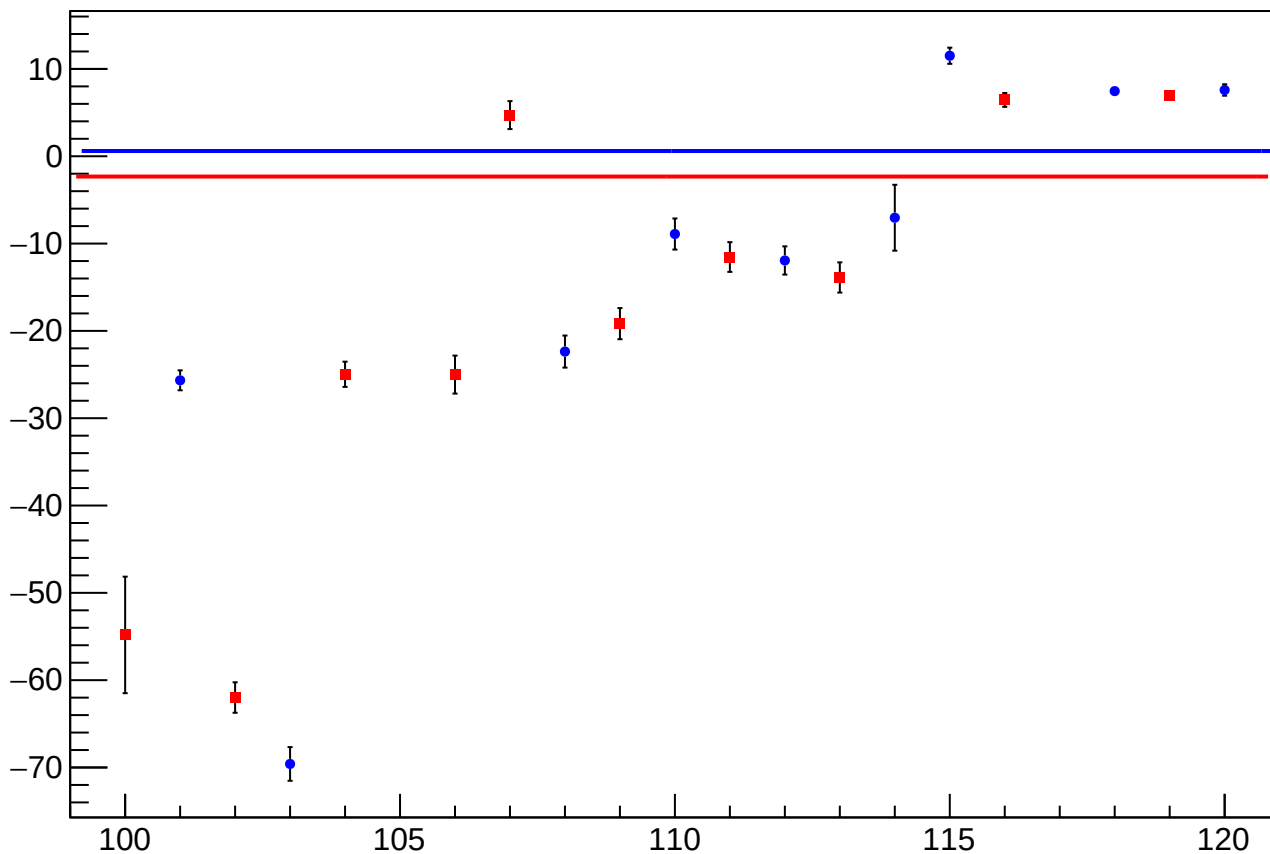
Right: -4.281+/-0.249 χ^2/NDF : 470.3/18

In: -4.859+/-0.371 χ^2/NDF : 77.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.281+/-0.249 χ^2/NDF : 470.3/18

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.603+/-0.328 χ^2/NDF : 2526.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.323+/-0.366 χ^2/NDF : 2188.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

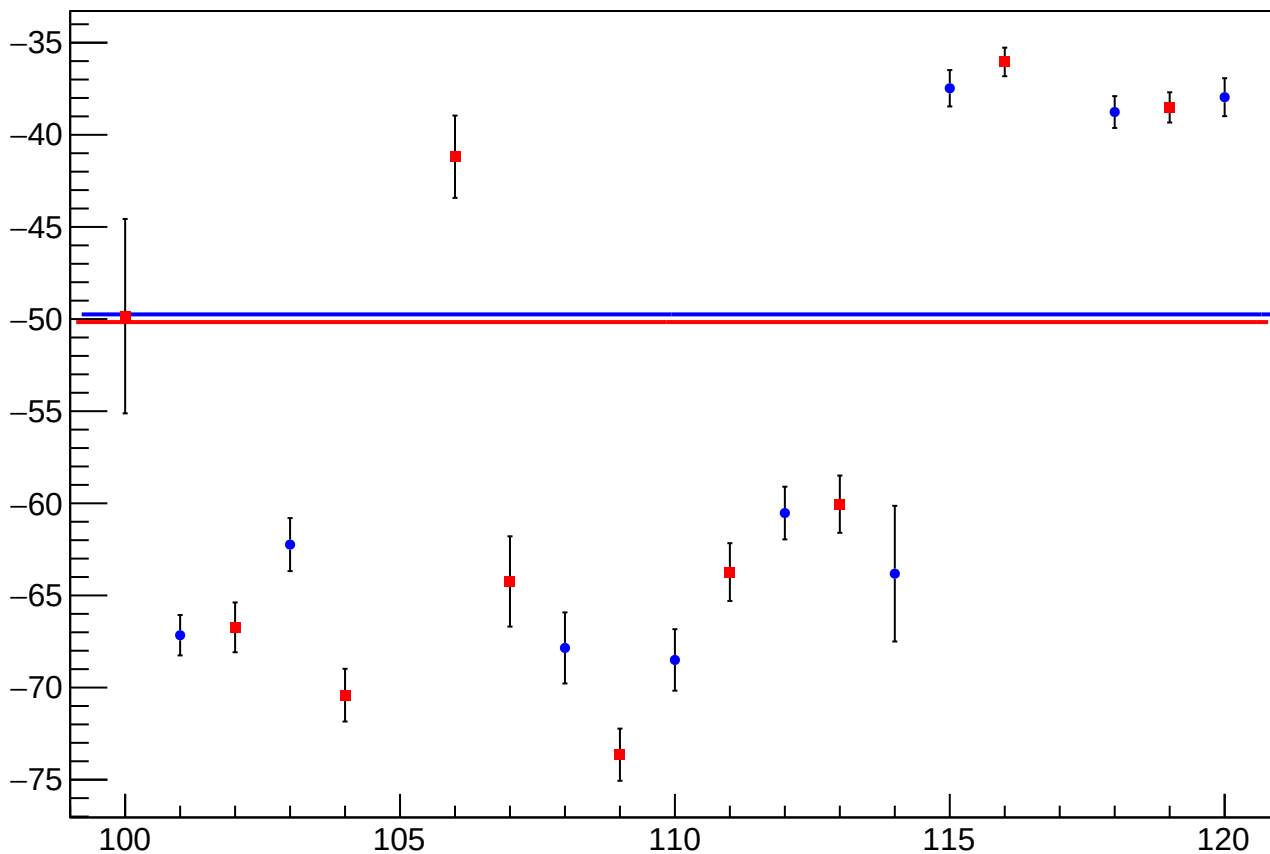
Right: -0.701+/-0.245 χ^2/NDF : 4750.8/18

In: 0.603+/-0.328 χ^2/NDF : 2526.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.701+/-0.245 χ^2/NDF : 4750.8/18

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -49.746+/-0.415 χ^2/NDF : 1061.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -50.164+/-0.411 χ^2/NDF : 1323.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

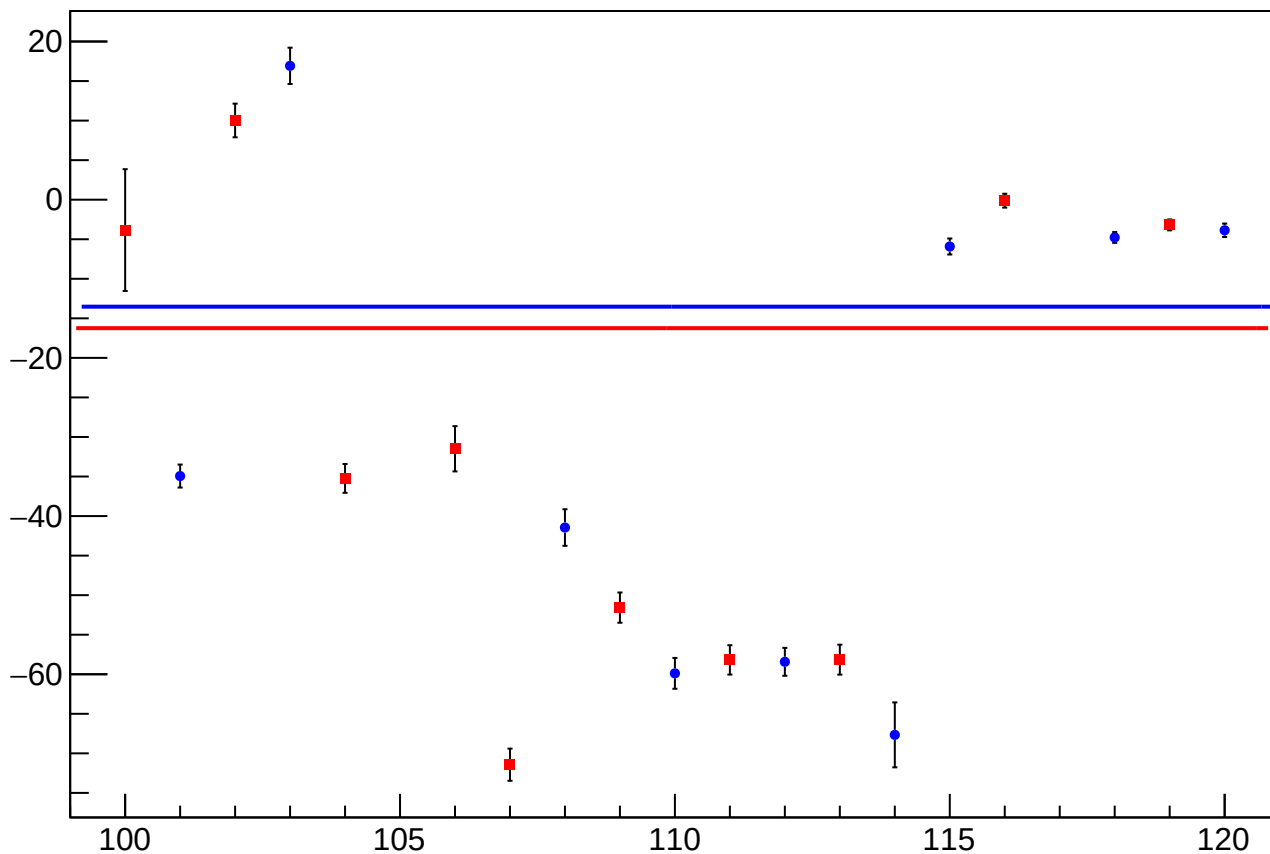
Right: -49.956+/-0.292 χ^2/NDF : 2385.7/18

In: -49.746+/-0.415 χ^2/NDF :1061.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -49.956+/-0.292 χ^2/NDF : 2385.7/18

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -13.525 $\pm$ 0.409 χ^2 /NDF: 2272.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -16.242 $\pm$ 0.441 χ^2 /NDF: 3065.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

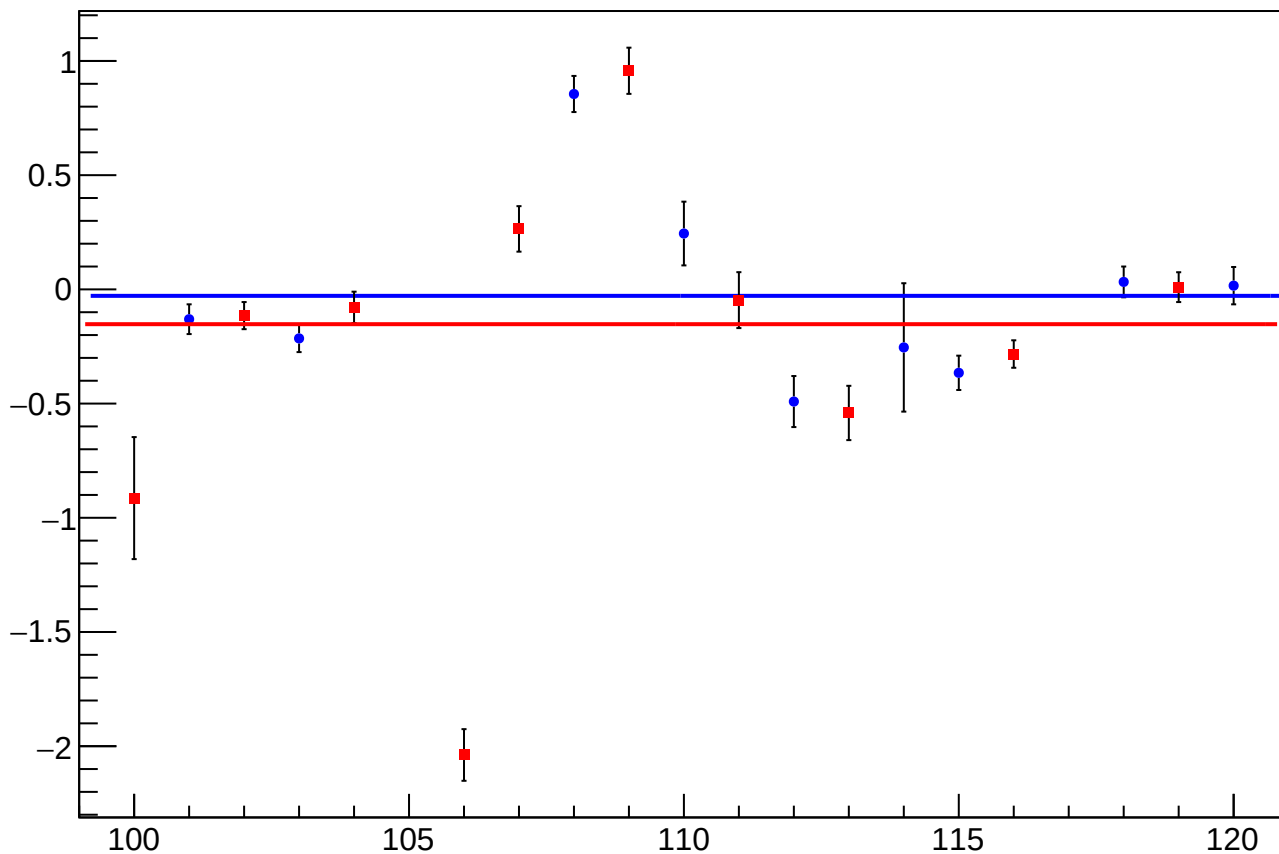
Right: -14.782 $\pm$ 0.300 χ^2 /NDF: 5358.9/18

In: -13.525 $\pm$ 0.409 χ^2 /NDF:2272.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -14.782 $\pm$ 0.300 χ^2 /NDF: 5358.9/18

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.028+/-0.027 χ^2/NDF : 179.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.152+/-0.026 χ^2/NDF : 448.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

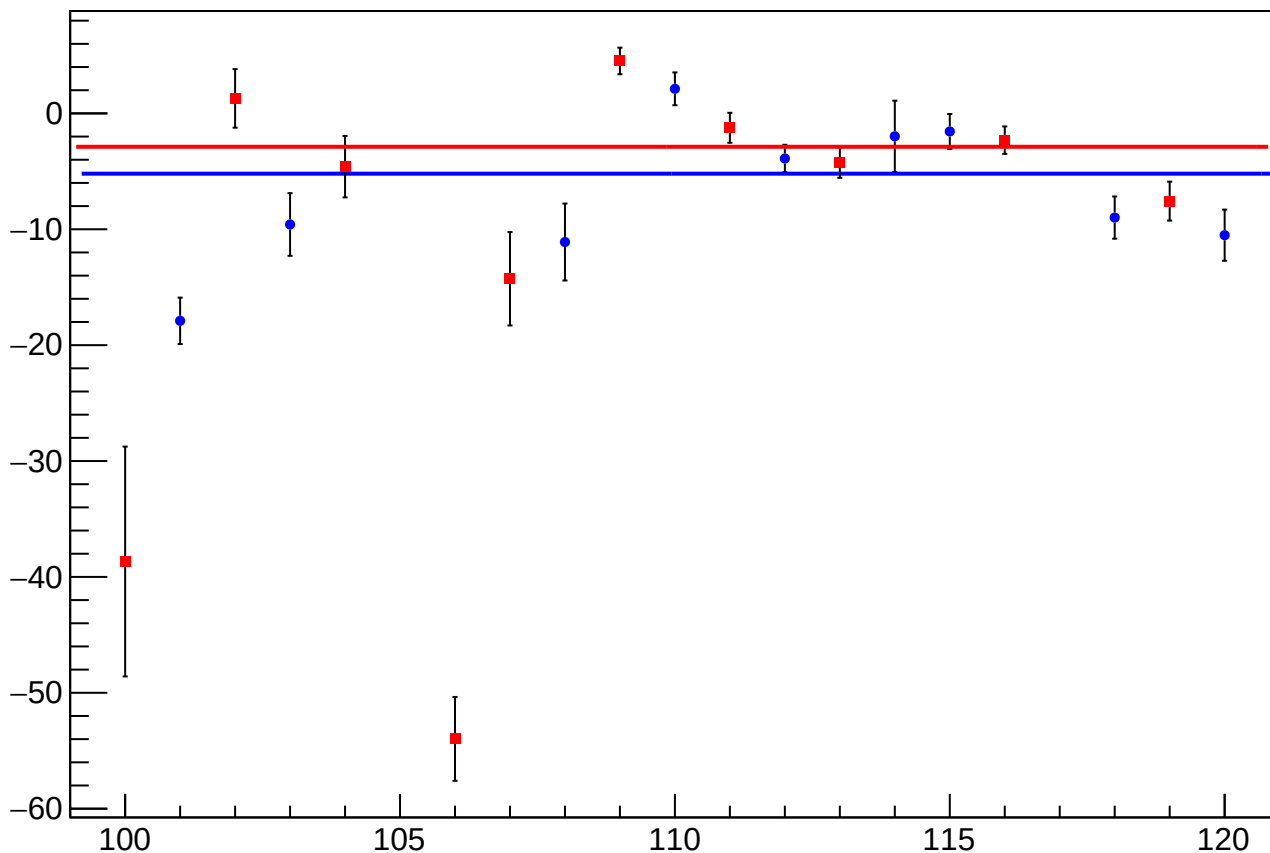
Right: -0.092+/-0.019 χ^2/NDF : 638.8/18

In: -0.028+/-0.027 χ^2/NDF : 179.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.092+/-0.019 χ^2/NDF : 638.8/18

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.203+/-0.604 χ^2/NDF : 91.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.880+/-0.538 χ^2/NDF : 276.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

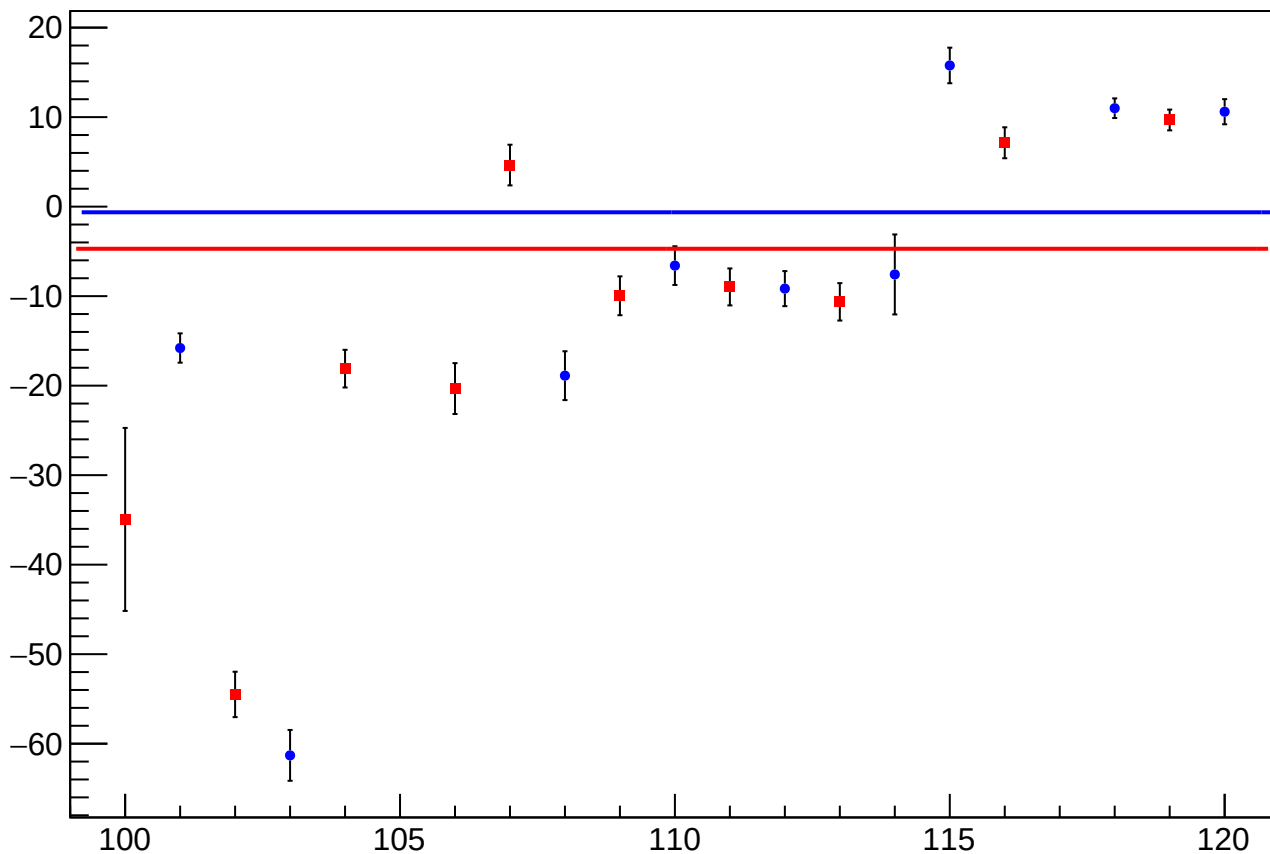
Right: -3.908+/-0.402 χ^2/NDF : 375.5/18

In: -5.203+/-0.604 χ^2/NDF : 91.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.908+/-0.402 χ^2/NDF : 375.5/18

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.632+/-0.604 χ^2/NDF : 860.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.707+/-0.637 χ^2/NDF : 700.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

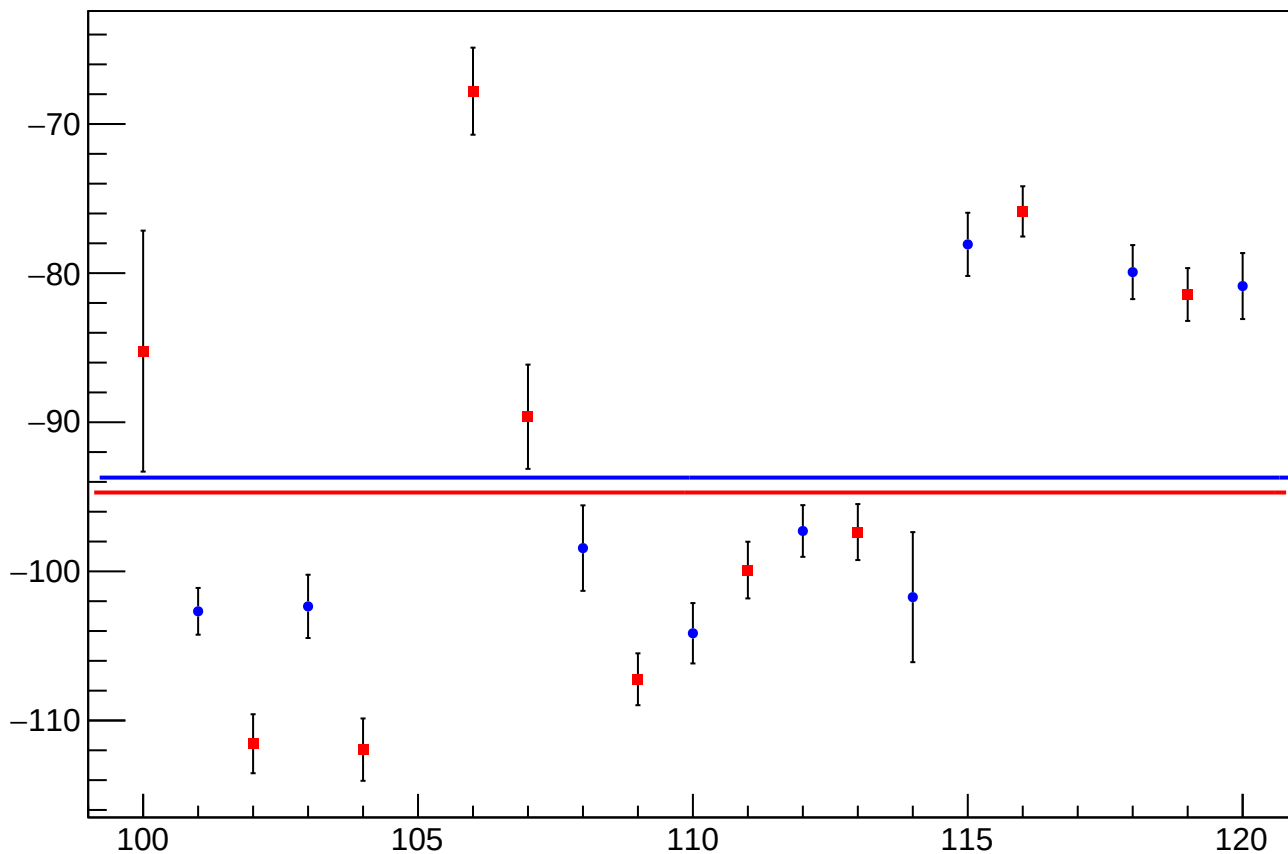
Right: -2.559+/-0.438 χ^2/NDF : 1582.3/18

In: -0.632+/-0.604 χ^2/NDF : 860.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.559+/-0.438 χ^2/NDF : 1582.3/18

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -93.712 $\pm$ 0.688 χ^2 /NDF: 232.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -94.711 $\pm$ 0.665 χ^2 /NDF: 471.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

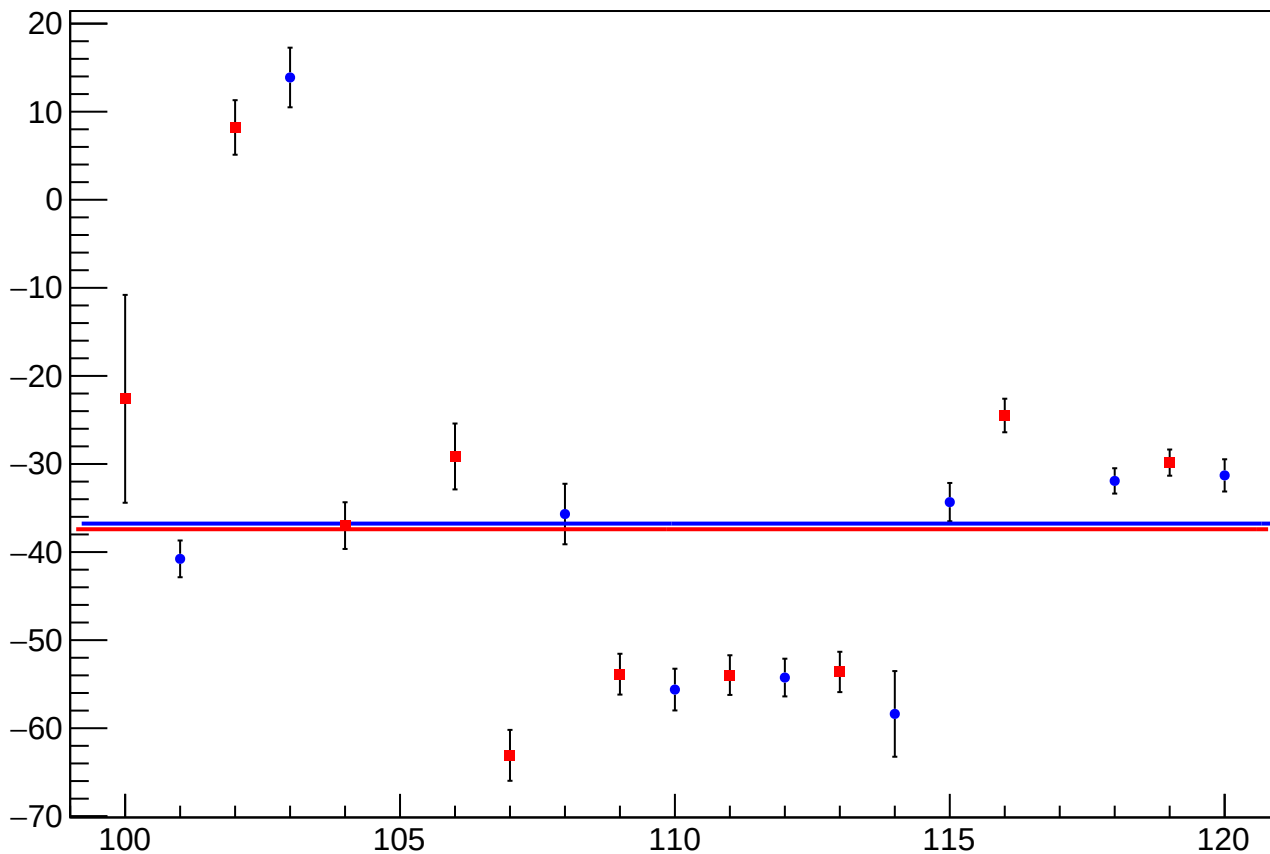
Right: -94.228 $\pm$ 0.478 χ^2 /NDF: 705.0/18

In: -93.712 $\pm$ 0.688 χ^2 /NDF:232.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -94.228 $\pm$ 0.478 χ^2 /NDF: 705.0/18

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -36.768 ± 0.738 χ^2/NDF : 398.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -37.409 ± 0.757 χ^2/NDF : 528.8/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

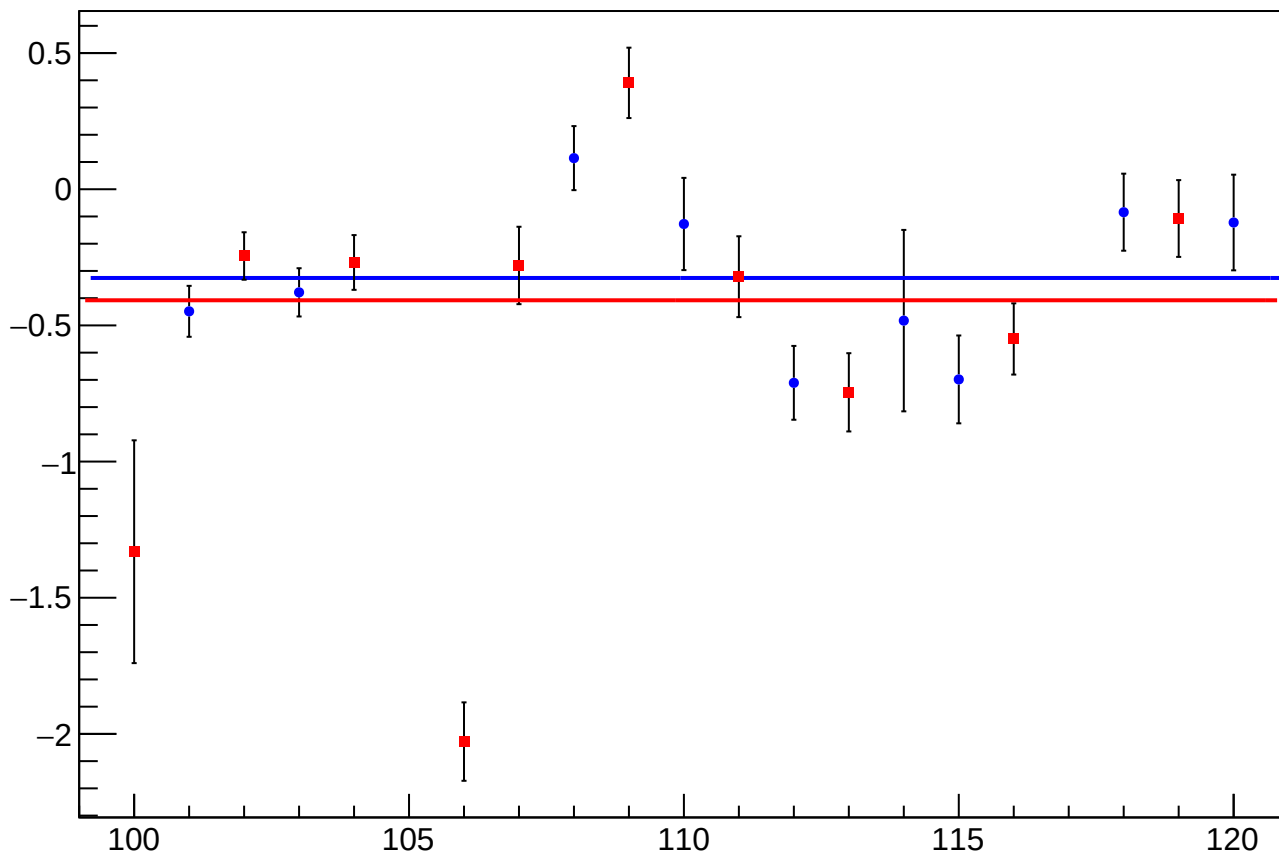
Right: -37.080 ± 0.528 χ^2/NDF : 928.1/18

In: -36.768 ± 0.738 χ^2/NDF : 398.9/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -37.080 ± 0.528 χ^2/NDF : 928.1/18

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.326+/-0.043 χ^2/NDF : 35.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.408+/-0.041 χ^2/NDF : 187.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

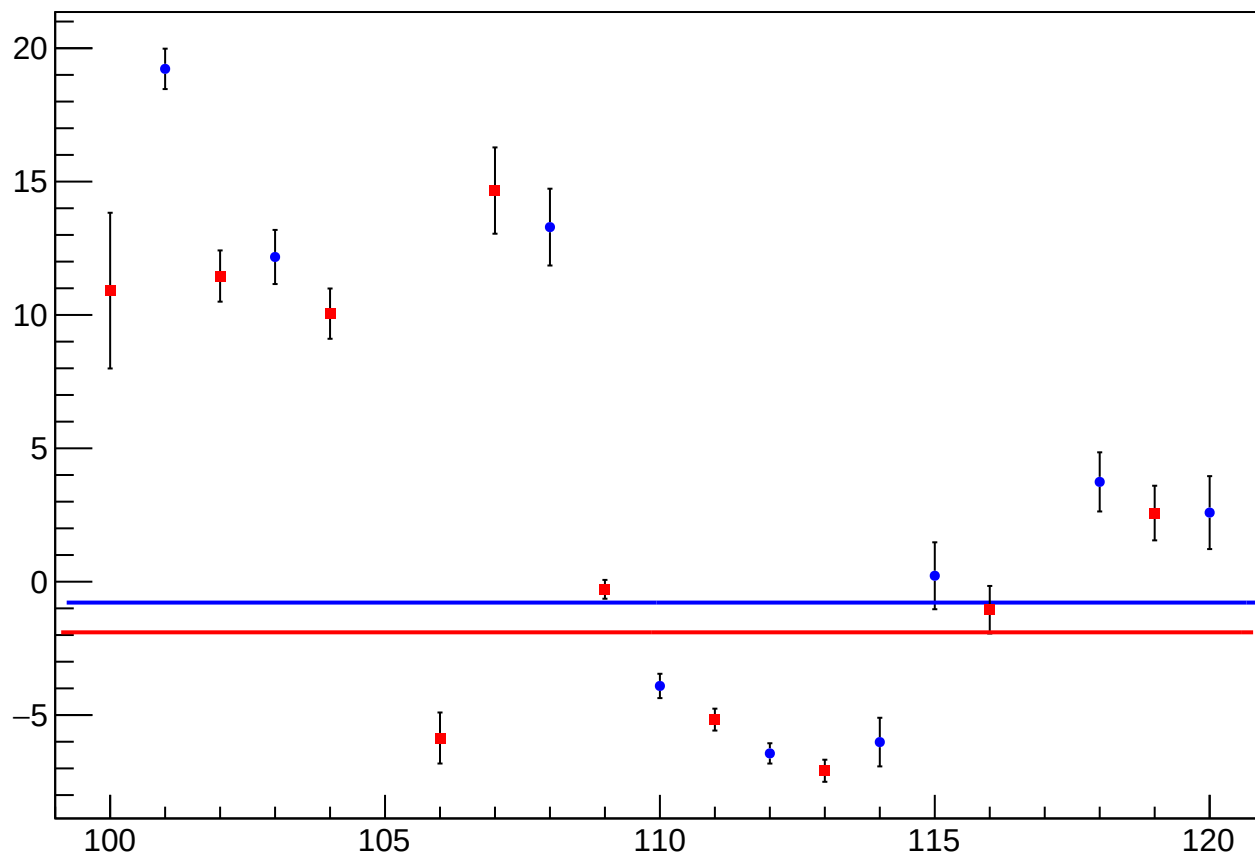
Right: -0.369+/-0.030 χ^2/NDF : 224.9/18

In: -0.326+/-0.043 χ^2/NDF : 35.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.369+/-0.030 χ^2/NDF : 224.9/18

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.783 ± 0.235 χ^2/NDF : 1280.7/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.899 ± 0.197 χ^2/NDF : 757.1/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

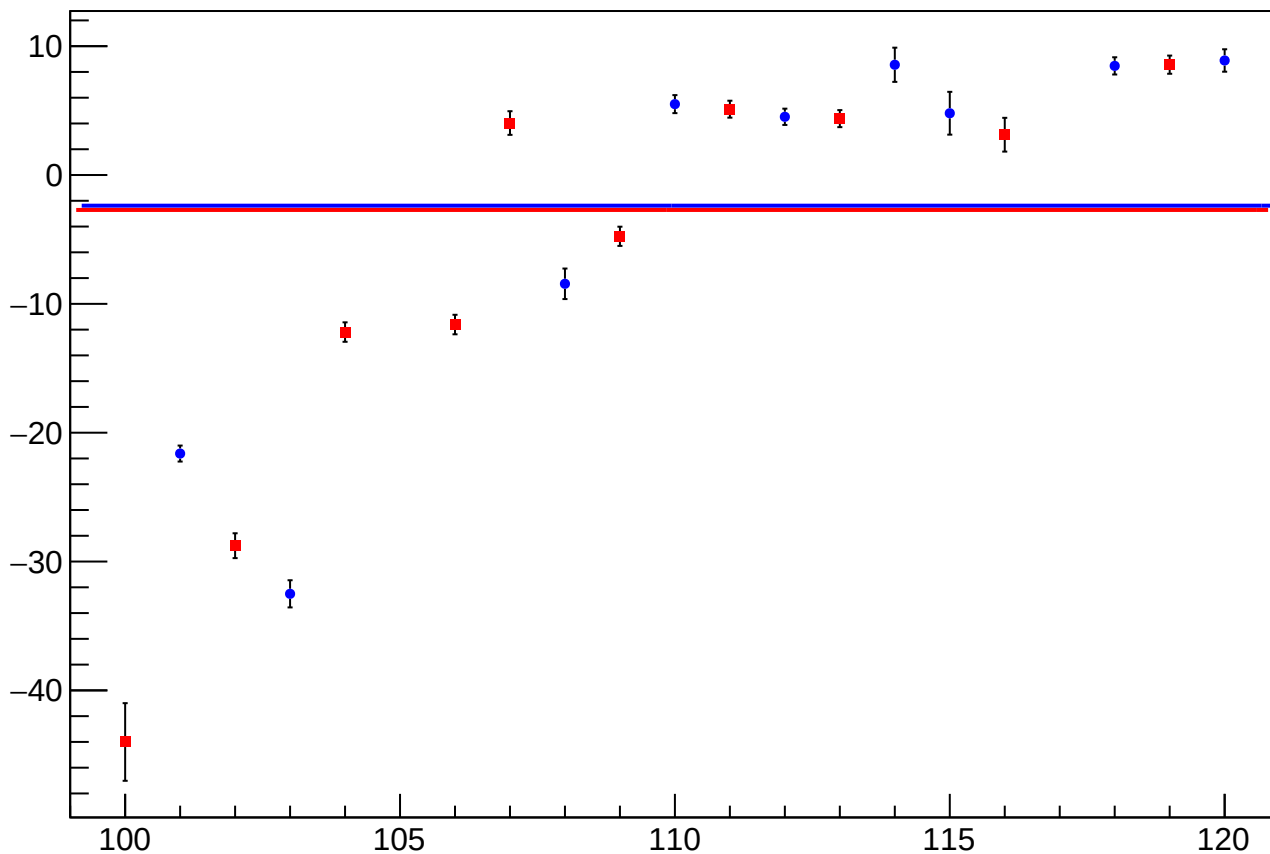
Right: -1.439 ± 0.151 χ^2/NDF : 2051.0/18

In: -0.783 ± 0.235 χ^2/NDF : 1280.7/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.439 ± 0.151 χ^2/NDF : 2051.0/18

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.380+/-0.275 χ^2/NDF : 2566.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.712+/-0.259 χ^2/NDF : 1807.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

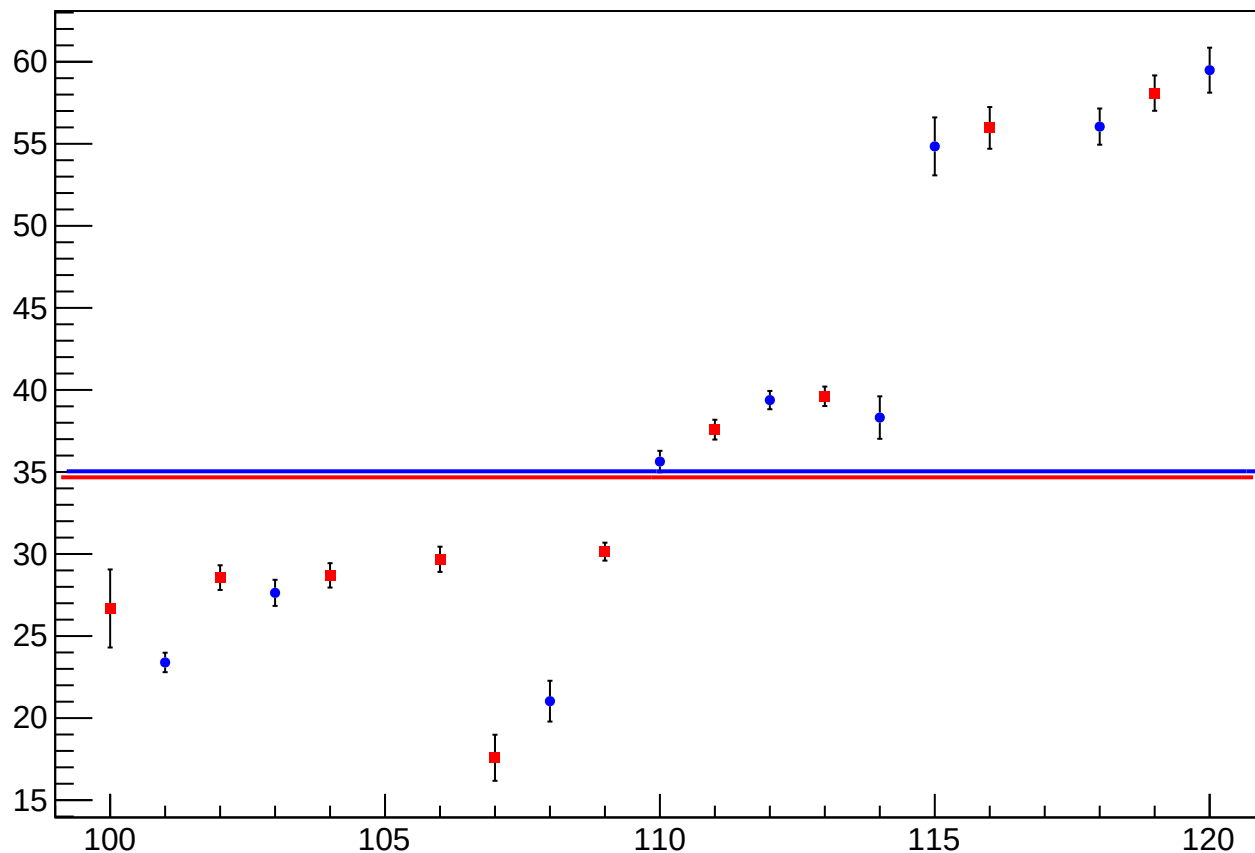
Right: -2.555+/-0.189 χ^2/NDF : 4374.8/18

In: -2.380+/-0.275 χ^2/NDF : 2566.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.555+/-0.189 χ^2/NDF : 4374.8/18

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 35.041+/-0.278 χ^2/NDF : 1473.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 34.674+/-0.247 χ^2/NDF : 1246.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

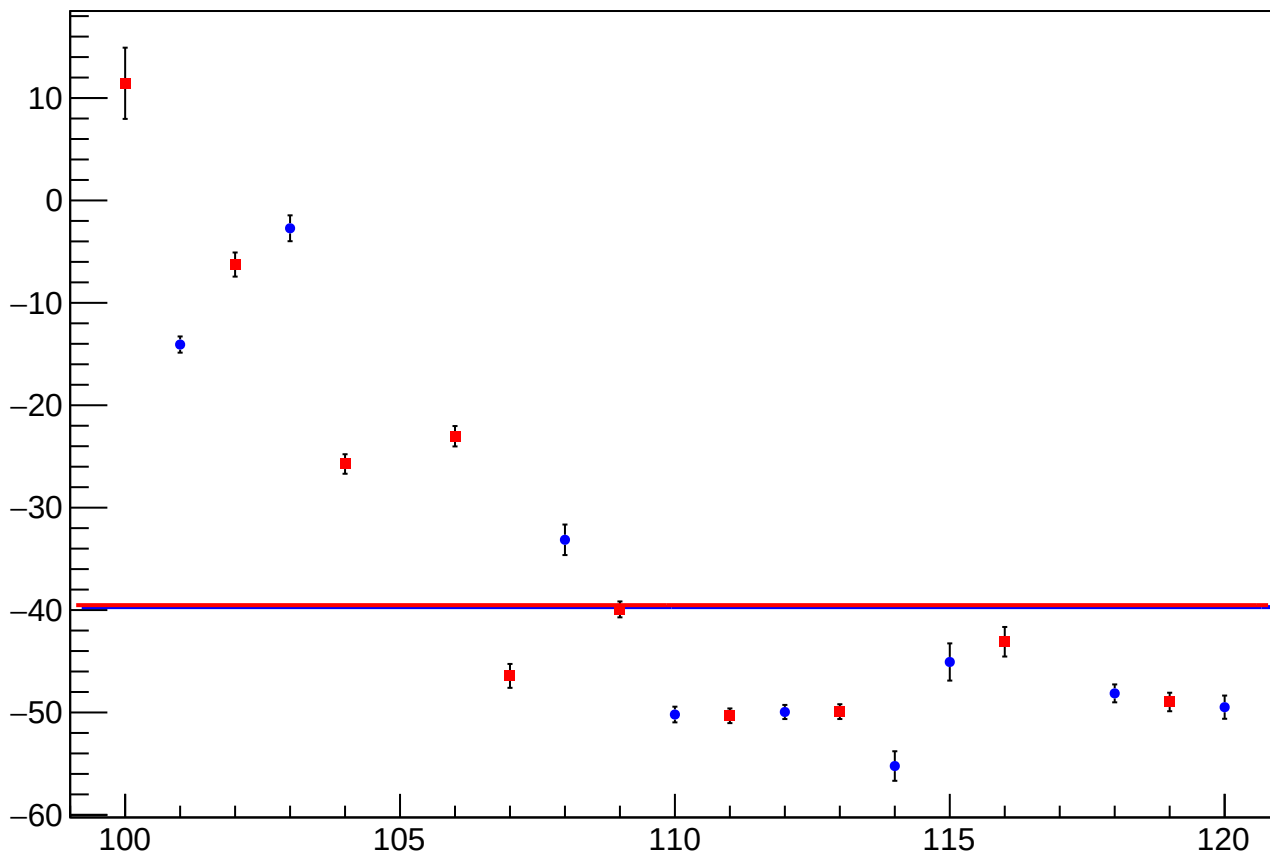
Right: 34.836+/-0.185 χ^2/NDF : 2720.5/18

In: 35.041+/-0.278 χ^2/NDF :1473.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 34.836+/-0.185 χ^2/NDF : 2720.5/18

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -39.712 ± 0.327 χ^2/NDF : 2627.4/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -39.520 ± 0.303 χ^2/NDF : 2082.0/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

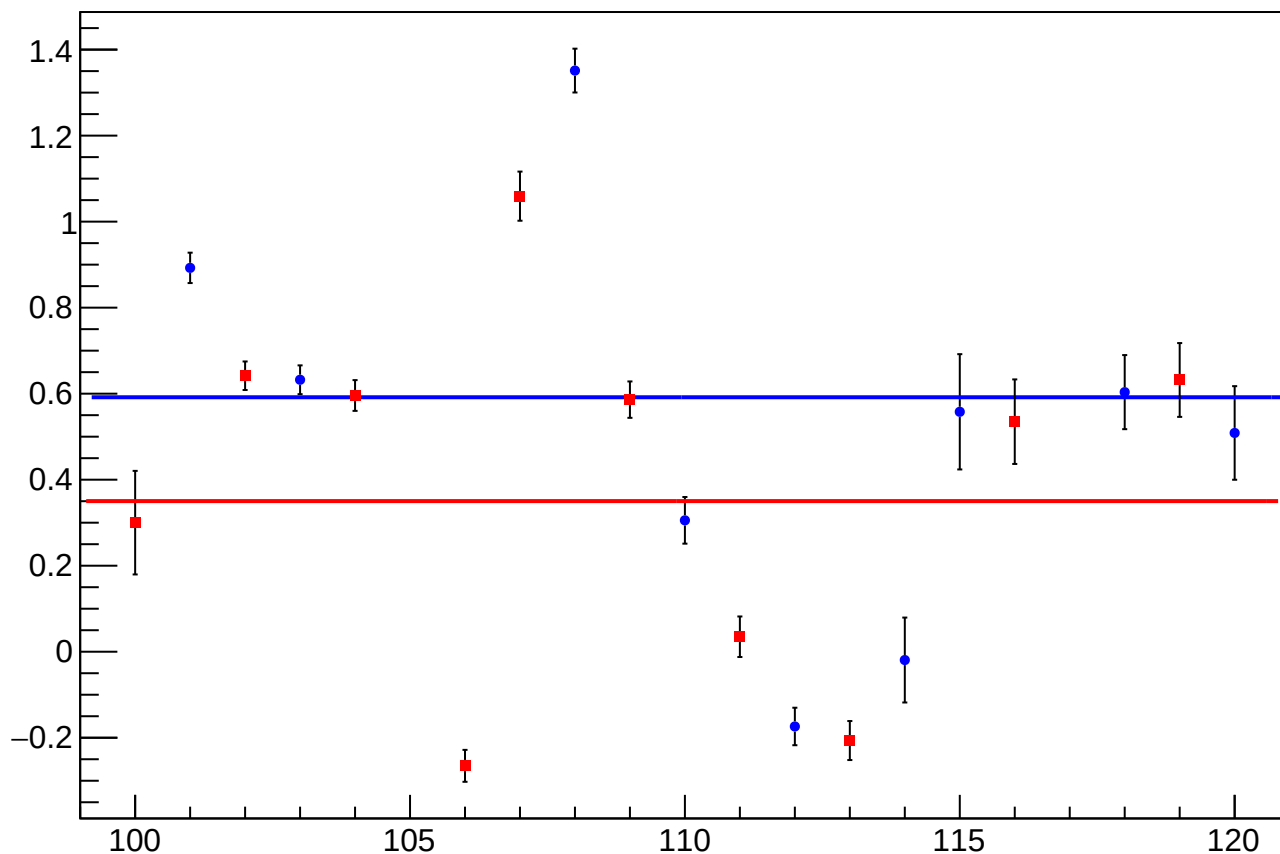
Right: -39.609 ± 0.222 χ^2/NDF : 4709.5/18

In: -39.712 ± 0.327 χ^2/NDF : 2627.4/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.609 ± 0.222 χ^2/NDF : 4709.5/18

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.592 $\pm$ 0.017 χ^2 /NDF: 671.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.350 $\pm$ 0.015 χ^2 /NDF: 794.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

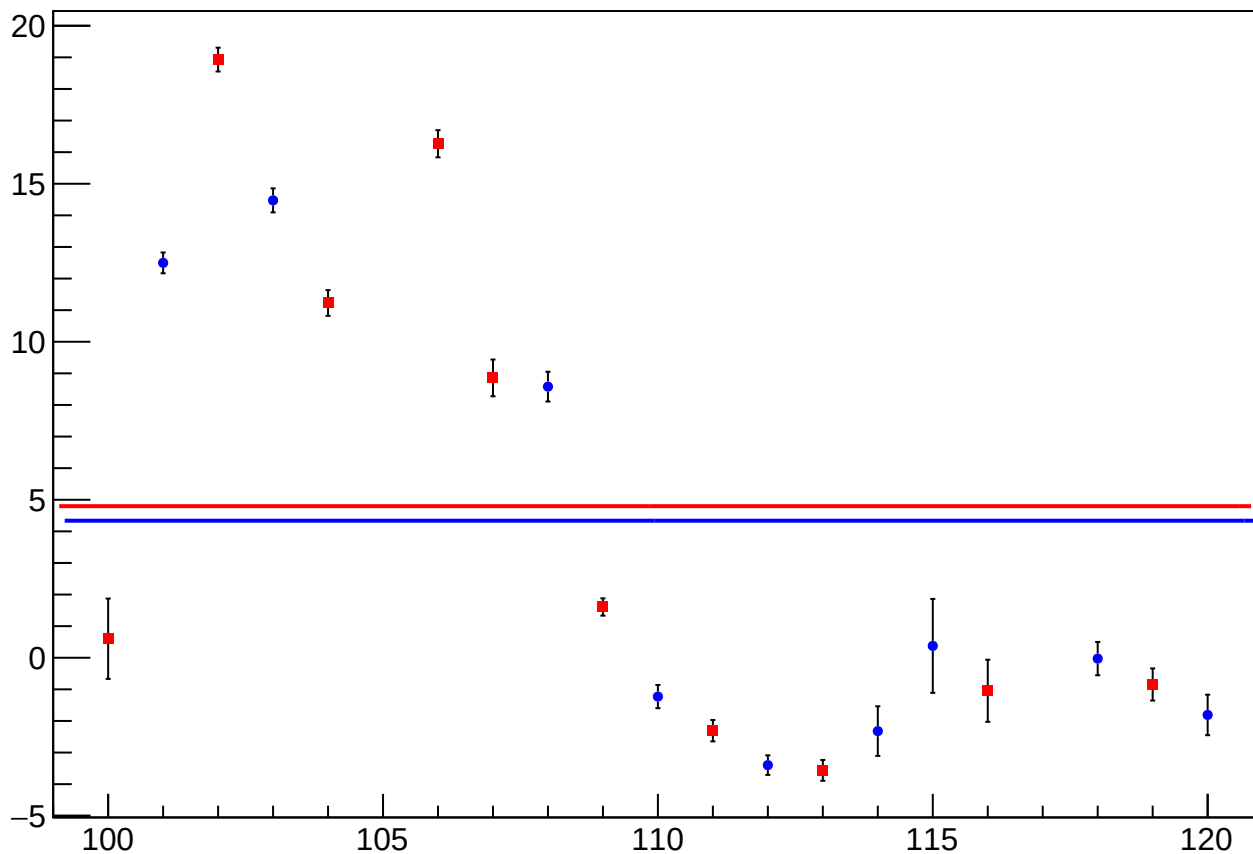
Right: 0.452 $\pm$ 0.011 χ^2 /NDF: 1578.0/18

In: 0.592 $\pm$ 0.017 χ^2 /NDF:671.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.452 $\pm$ 0.011 χ^2 /NDF: 1578.0/18

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 4.338+/-0.146 χ^2/NDF : 2500.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.797+/-0.131 χ^2/NDF : 3803.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

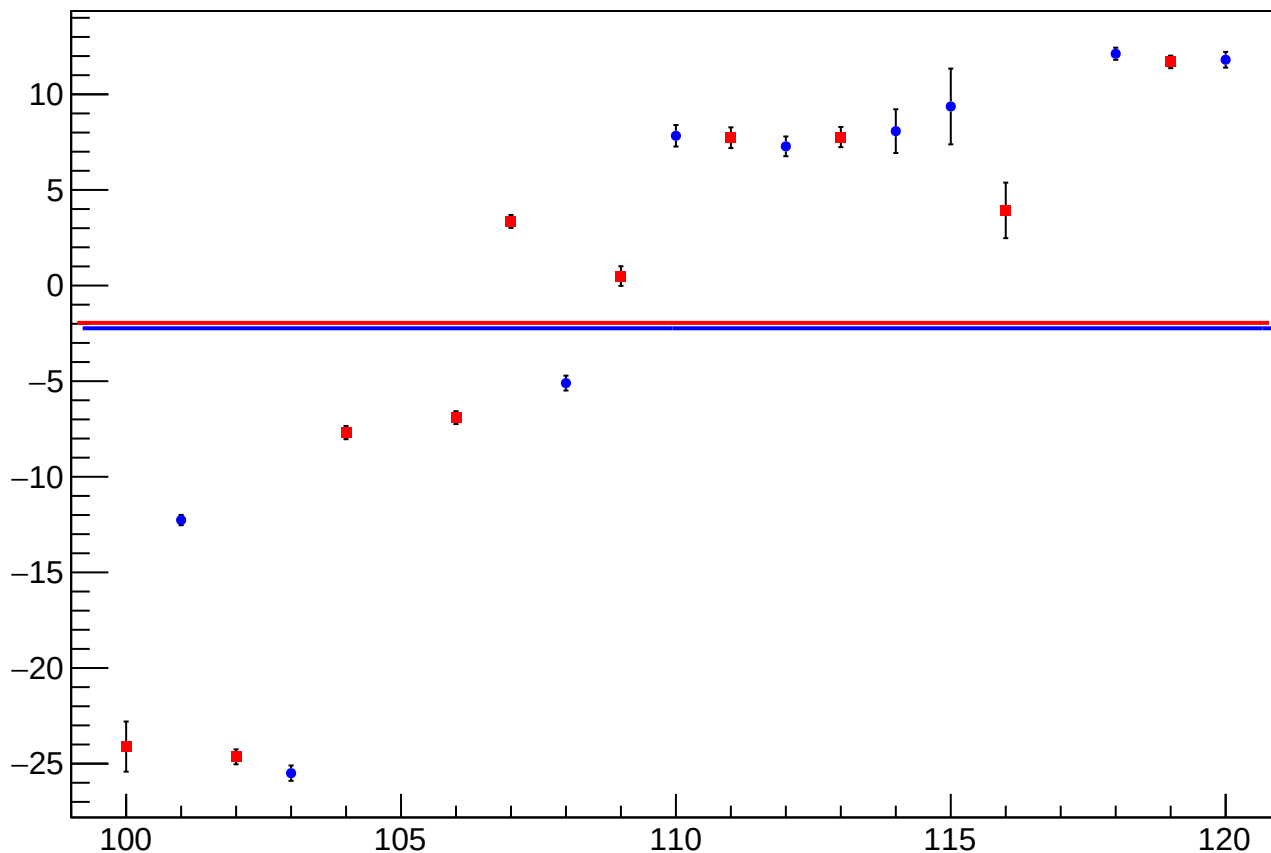
Right: 4.593+/-0.098 χ^2/NDF : 6309.1/18

In: 4.338+/-0.146 χ^2/NDF : 2500.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.593+/-0.098 χ^2/NDF : 6309.1/18

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.235 $\pm$ 0.141 χ^2/NDF : 8824.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Right Out: -1.952 $\pm$ 0.136 χ^2/NDF : 6861.2/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

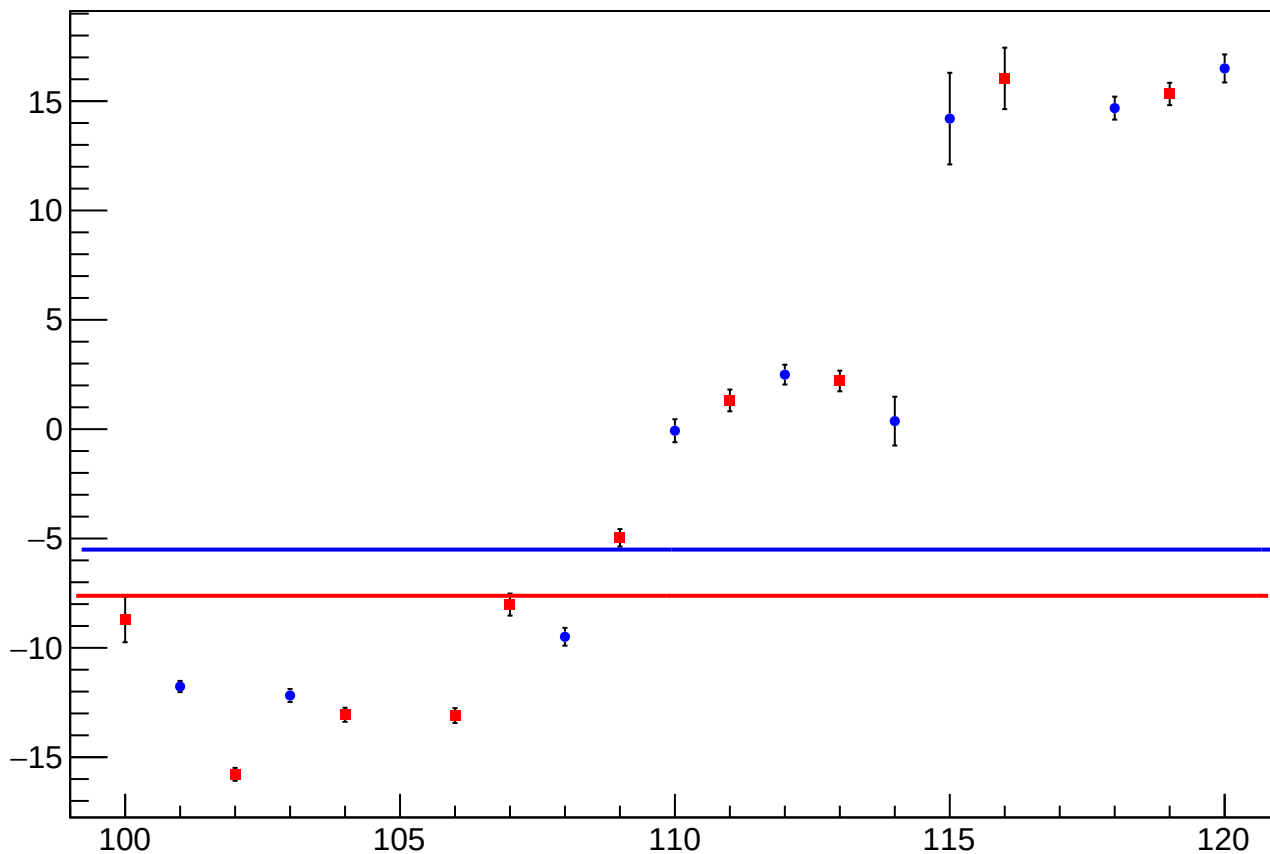
Right: -2.089 $\pm$ 0.098 χ^2/NDF : 15687.9/18

In: -2.235 $\pm$ 0.141 χ^2/NDF :8824.6/8

Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

All: -2.089 $\pm$ 0.098 χ^2/NDF : 15687.9/18

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.507+/-0.144 χ^2/NDF : 4375.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.619+/-0.136 χ^2/NDF : 4405.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

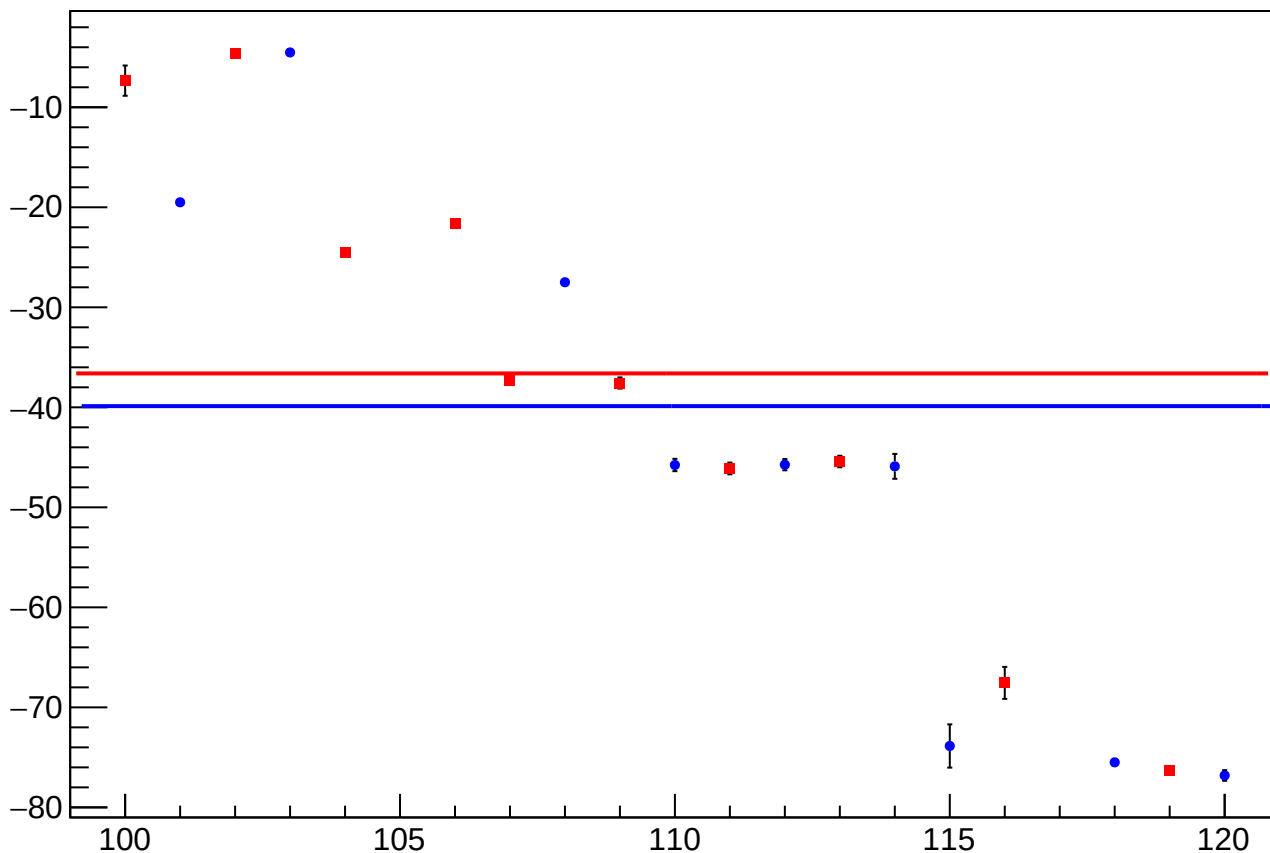
Right: -6.623+/-0.099 χ^2/NDF : 8893.3/18

In: -5.507+/-0.144 χ^2/NDF : 4375.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.623+/-0.099 χ^2/NDF : 8893.3/18

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -39.882 $\pm$ 0.174 χ^2 /NDF: 22333.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -36.610 $\pm$ 0.167 χ^2 /NDF: 16725.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

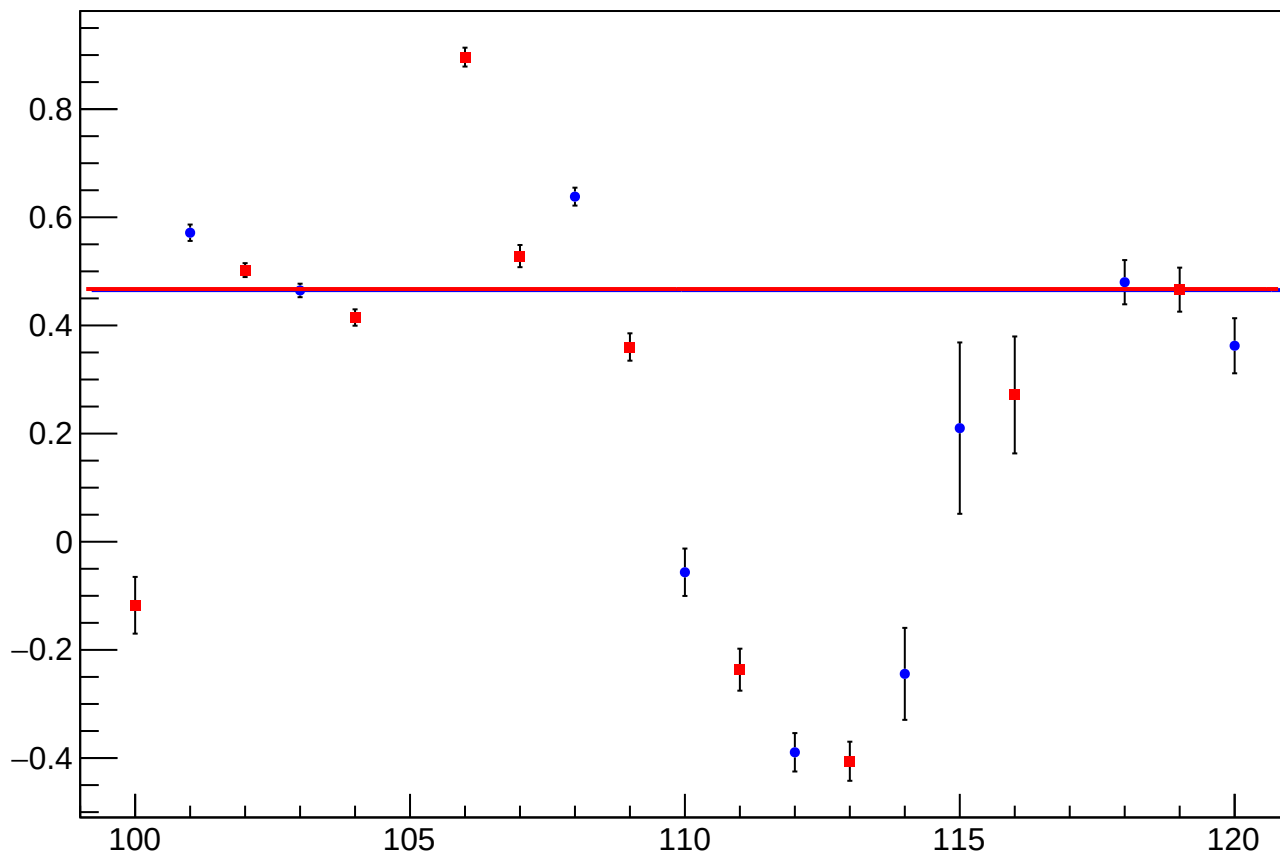
Right: -38.179 $\pm$ 0.120 χ^2 /NDF: 39243.5/18

In: -39.882 $\pm$ 0.174 χ^2 /NDF:22333.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -38.179 $\pm$ 0.120 χ^2 /NDF: 39243.5/18

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.465+/-0.008 χ^2/NDF : 955.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.467+/-0.007 χ^2/NDF : 1689.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

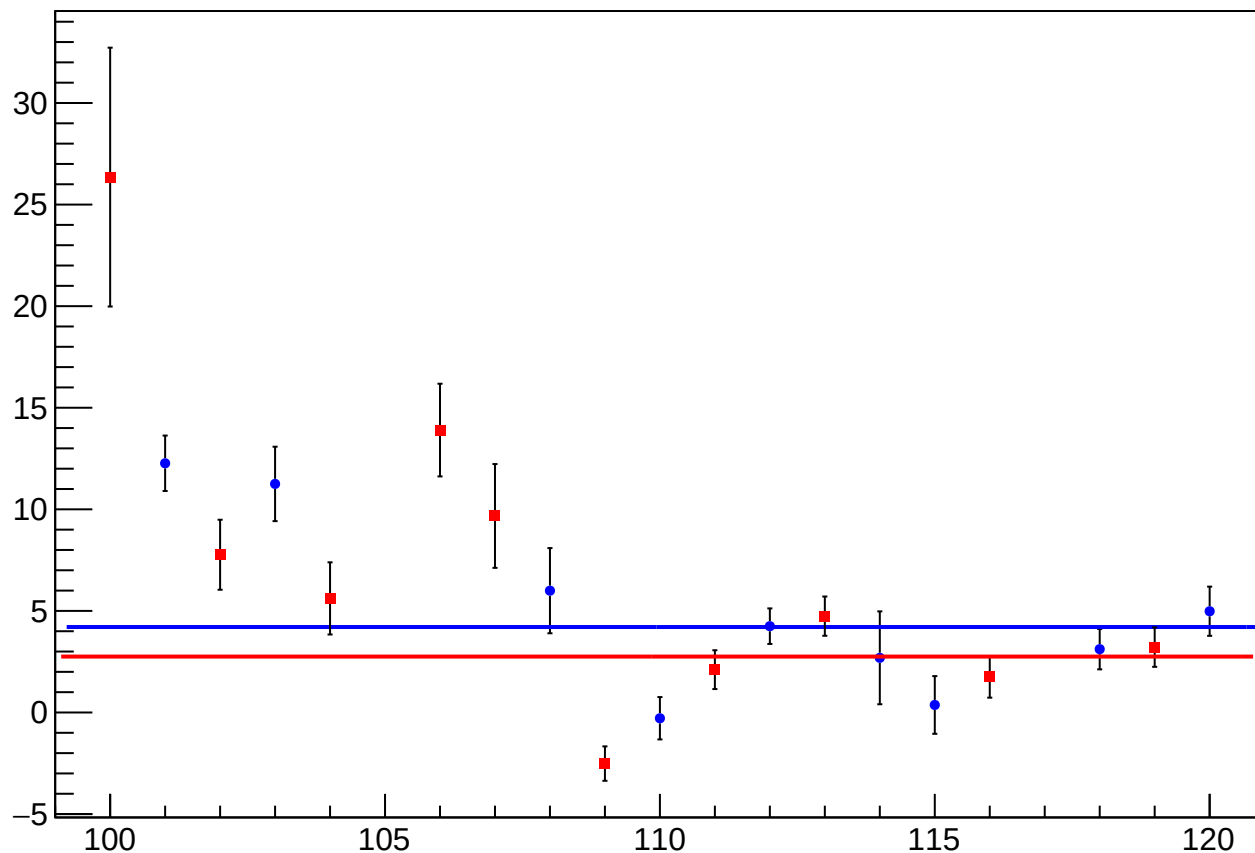
Right: 0.466+/-0.005 χ^2/NDF : 2644.5/18

In: 0.465+/-0.008 χ^2/NDF : 955.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.466+/-0.005 χ^2/NDF : 2644.5/18

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 4.207+/-0.420 χ^2/NDF : 78.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.753+/-0.389 χ^2/NDF : 100.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

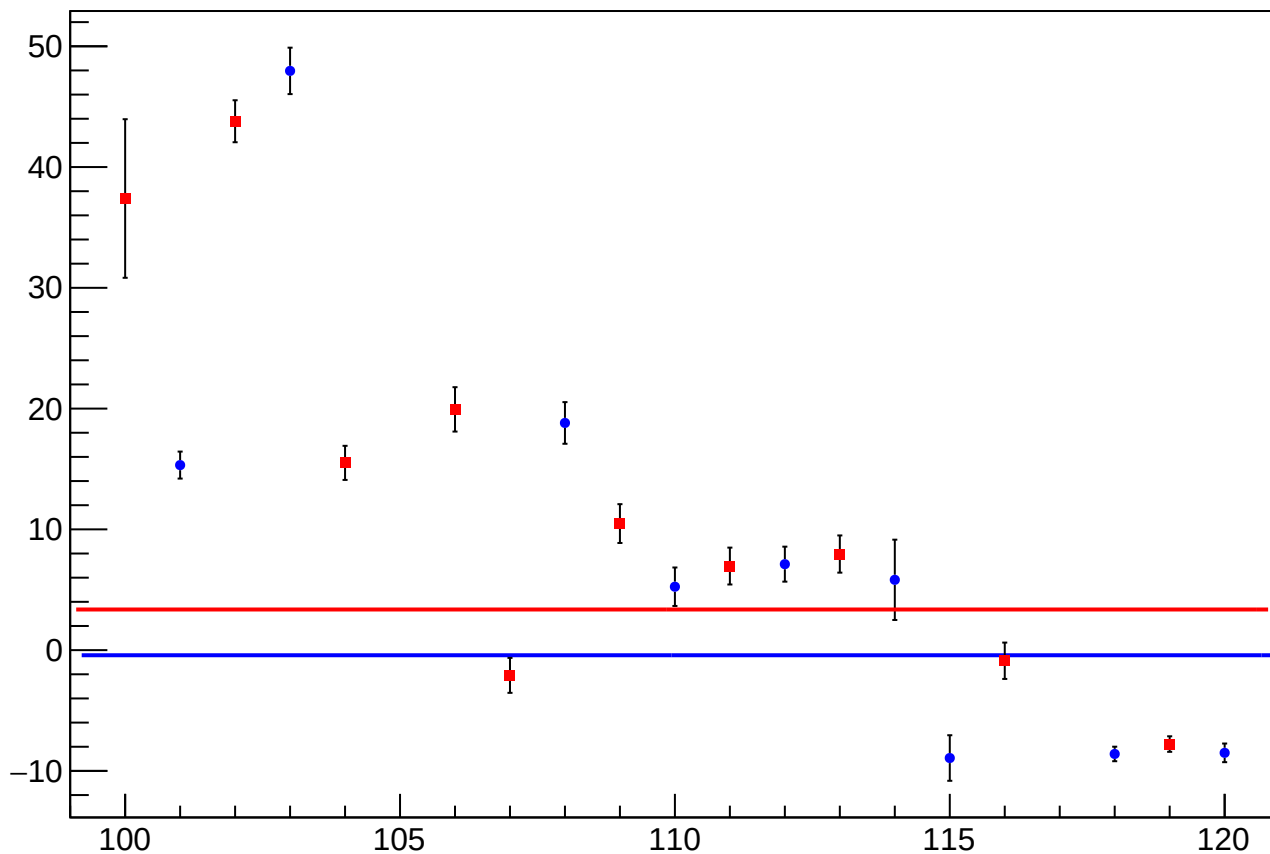
Right: 3.425+/-0.285 χ^2/NDF : 185.4/18

In: 4.207+/-0.420 χ^2/NDF : 78.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.425+/-0.285 χ^2/NDF : 185.4/18

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.423+/-0.375 χ^2 /NDF: 1314.8/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 3.365+/-0.418 χ^2 /NDF: 1079.4/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

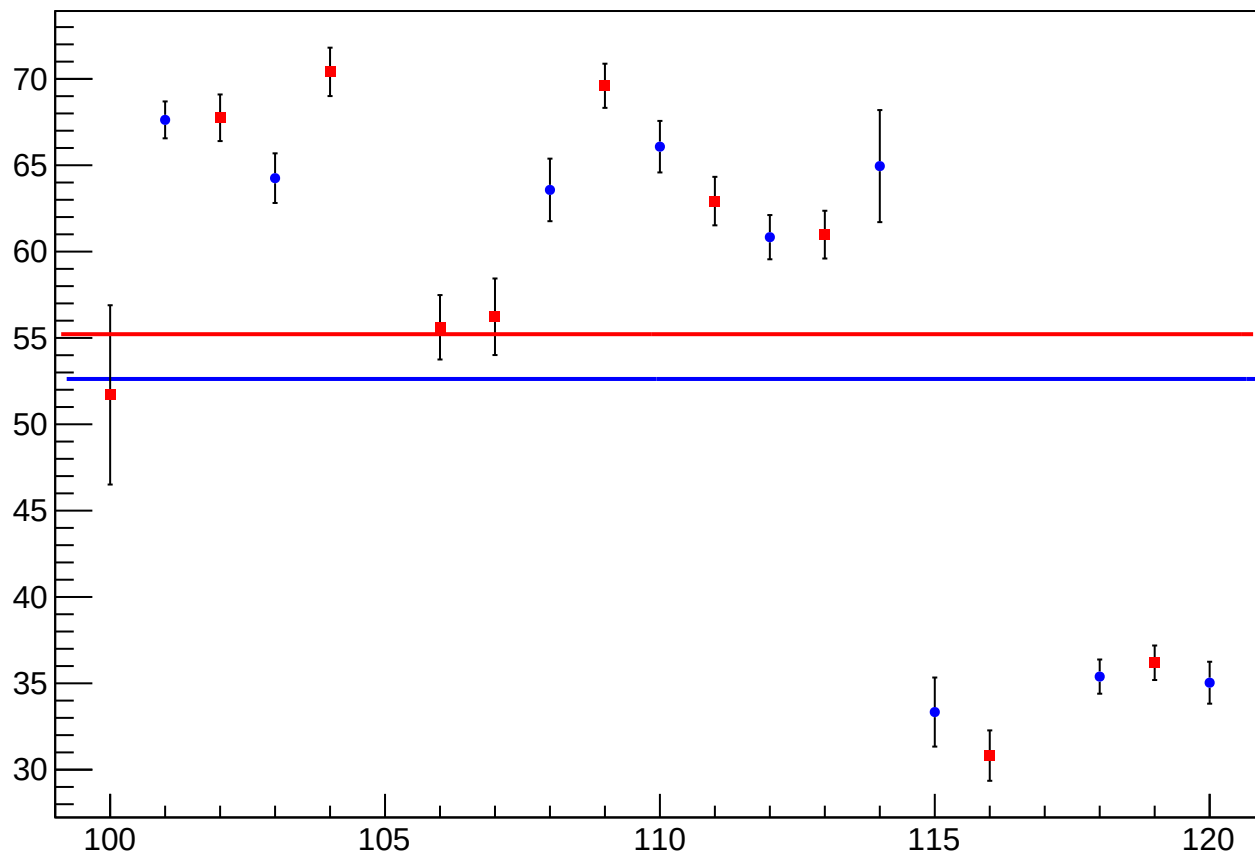
Right: 1.269+/-0.279 χ^2 /NDF: 2439.6/18

In: -0.423+/-0.375 χ^2 /NDF:1314.8/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1.269+/-0.279 χ^2 /NDF: 2439.6/18

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 52.625 $\pm$ 0.458 χ^2 /NDF: 1041.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 55.217 $\pm$ 0.461 χ^2 /NDF: 1020.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

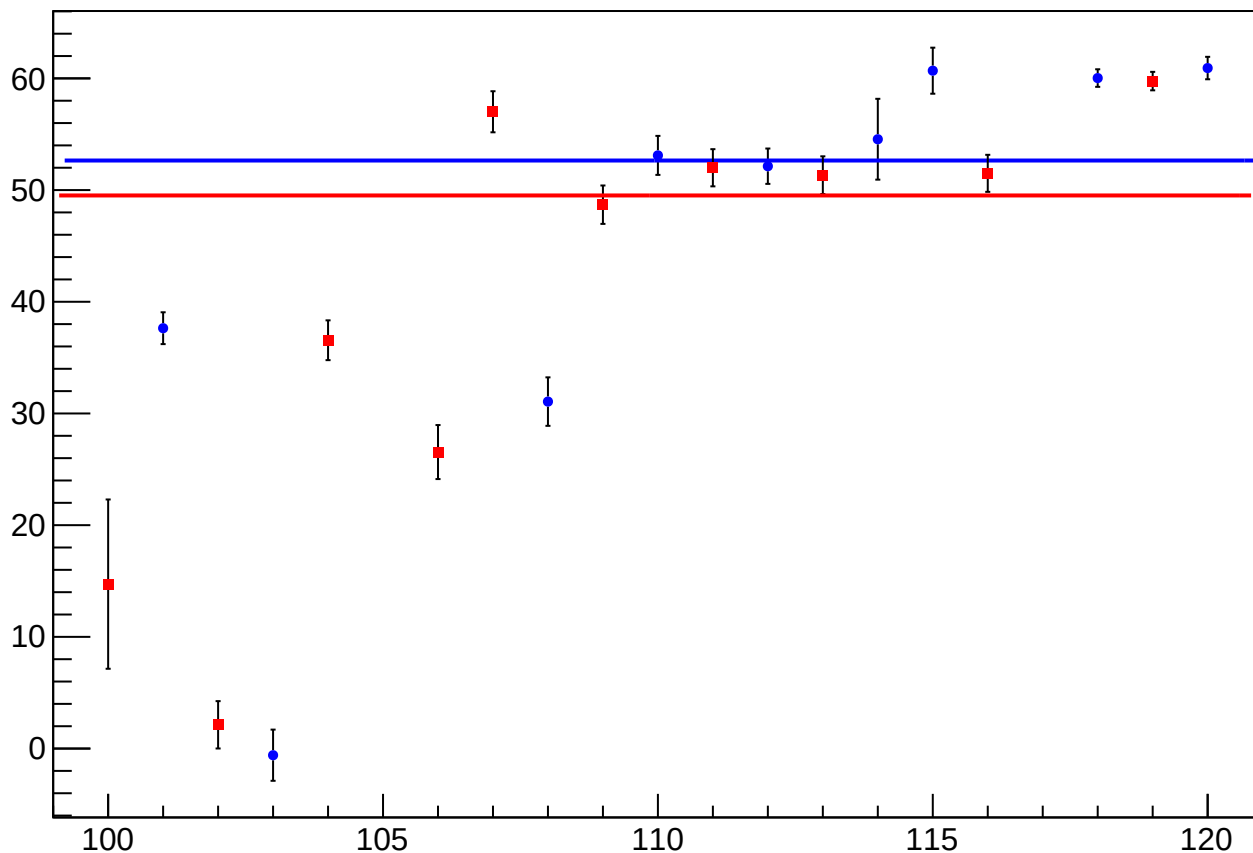
Right: 53.912 $\pm$ 0.325 χ^2 /NDF: 2078.7/18

In: 52.625 $\pm$ 0.458 χ^2 /NDF:1041.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 53.912 $\pm$ 0.325 χ^2 /NDF: 2078.7/18

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 52.646 $\pm$ 0.469 χ^2 /NDF: 921.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 49.518 $\pm$ 0.506 χ^2 /NDF: 839.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

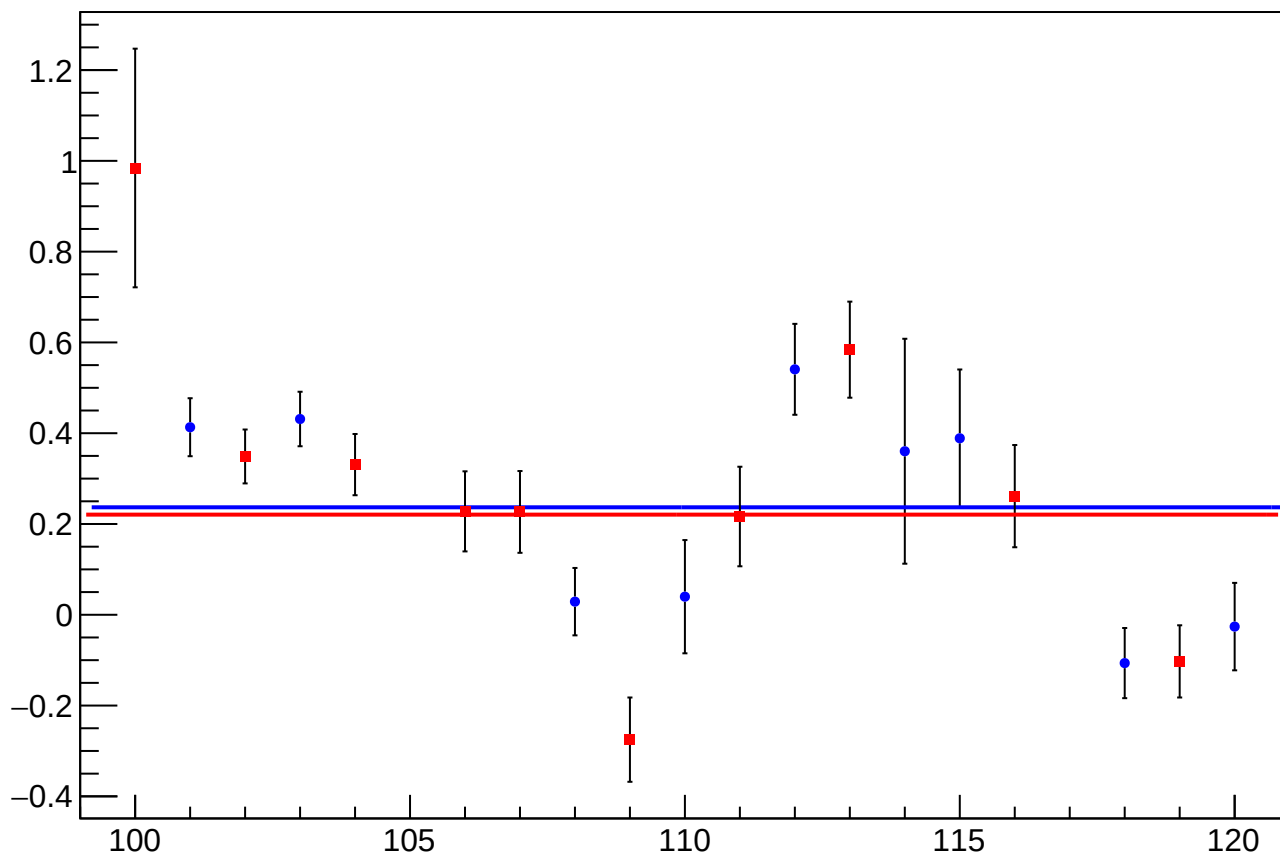
Right: 51.201 $\pm$ 0.344 χ^2 /NDF: 1781.0/18

In: 52.646 $\pm$ 0.469 χ^2 /NDF: 921.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 51.201 $\pm$ 0.344 χ^2 /NDF: 1781.0/18

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.237+/-0.029 χ^2/NDF : 66.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.221+/-0.028 χ^2/NDF : 72.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

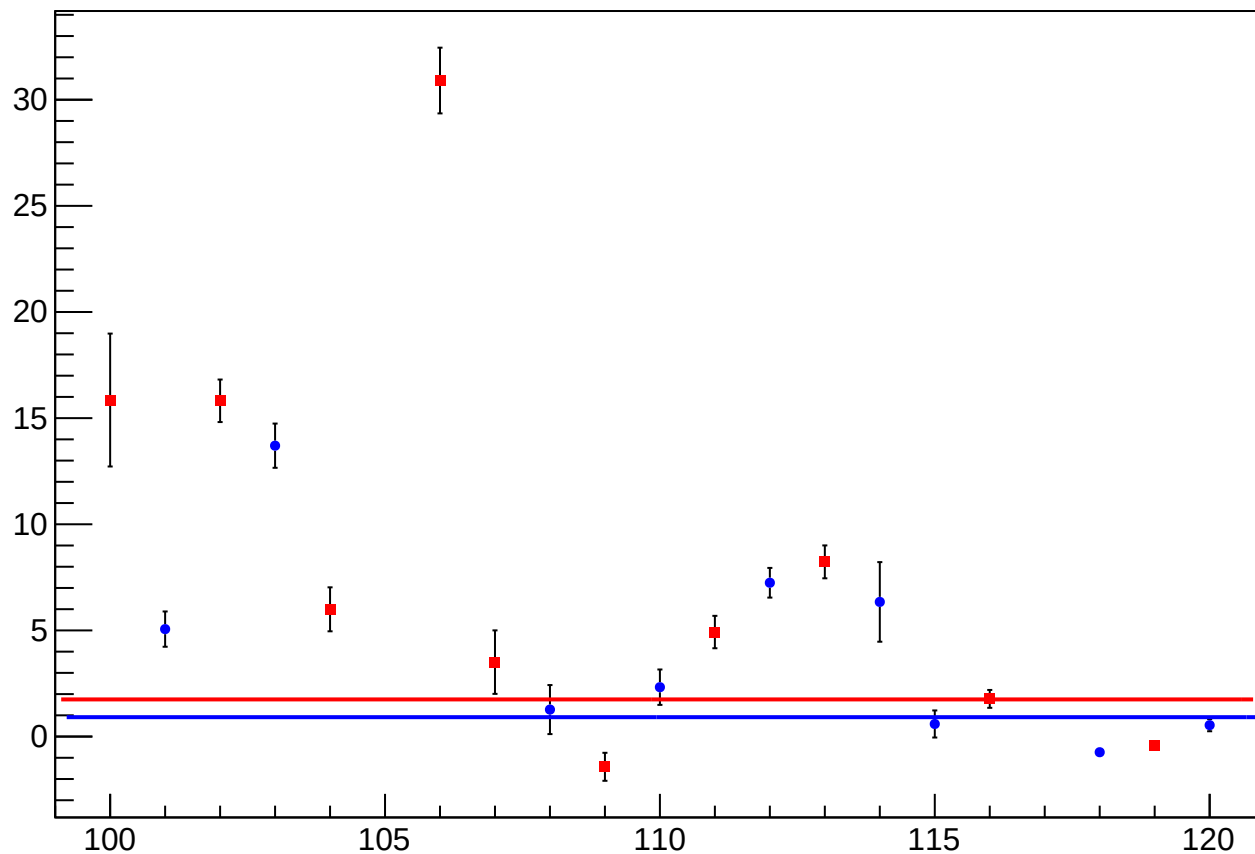
Right: 0.228+/-0.020 χ^2/NDF : 139.0/18

In: 0.237+/-0.029 χ^2/NDF : 66.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.228+/-0.020 χ^2/NDF : 139.0/18

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.913+/-0.160 χ^2/NDF : 319.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.749+/-0.173 χ^2/NDF : 790.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

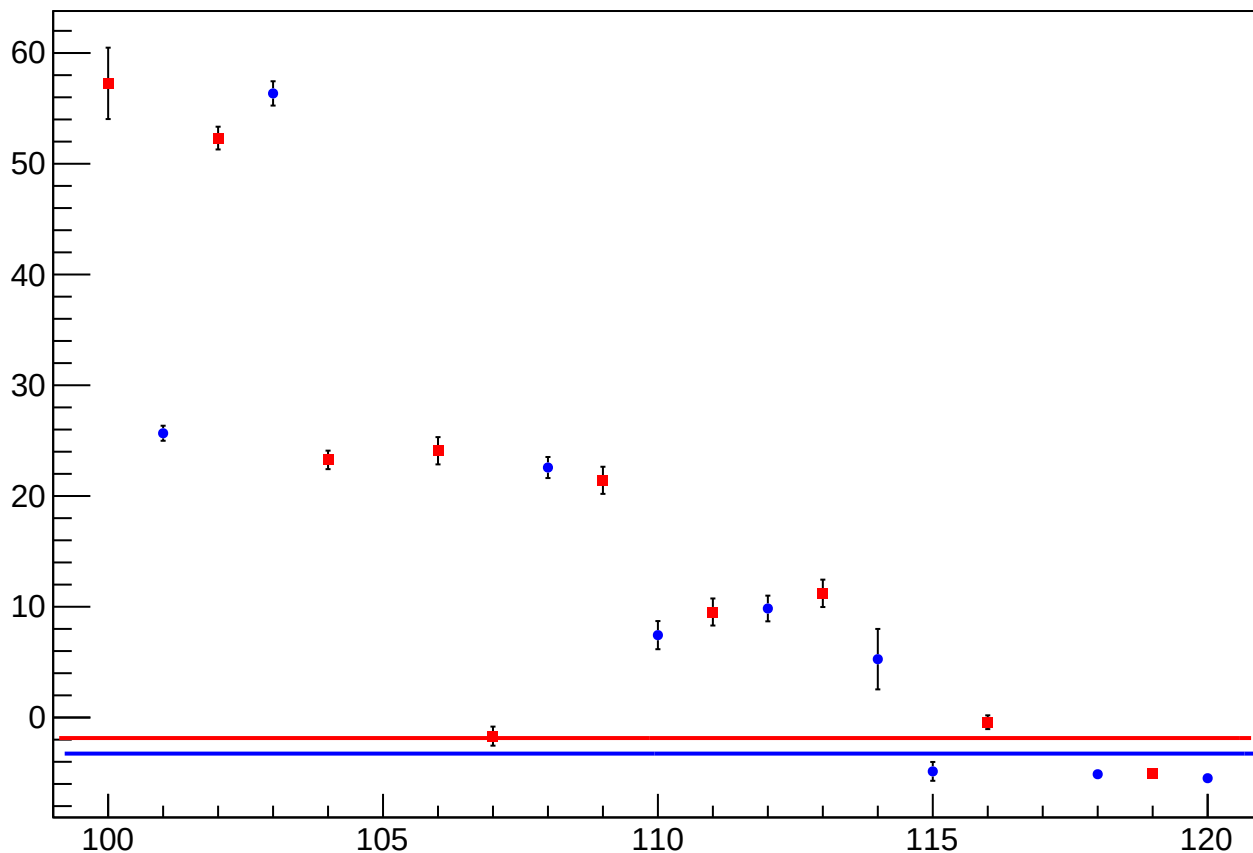
Right: 1.299+/-0.117 χ^2/NDF : 1121.9/18

In: 0.913+/-0.160 χ^2/NDF :319.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.299+/-0.117 χ^2/NDF : 1121.9/18

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.259+/-0.108 χ^2 /NDF: 6024.8/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1.855+/-0.135 χ^2 /NDF: 5492.5/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

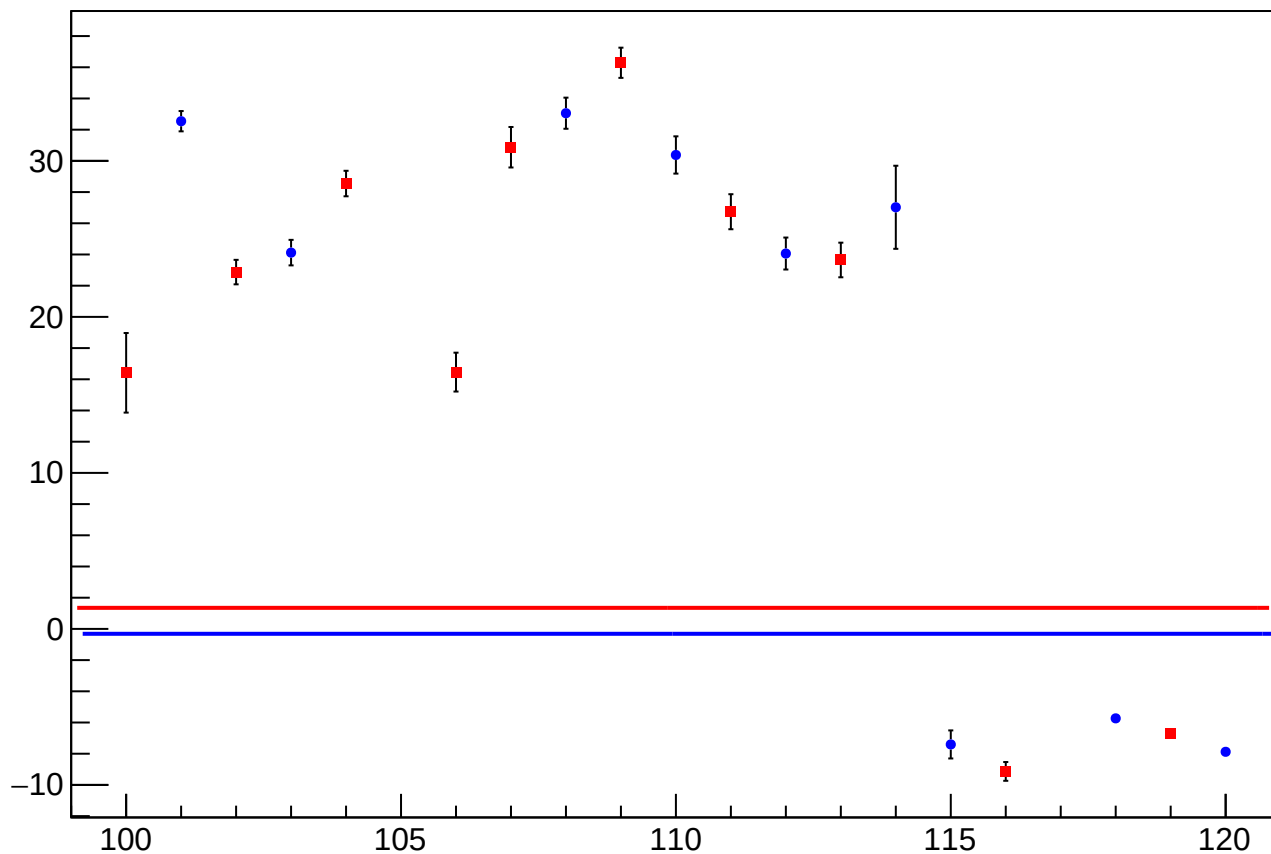
Right: -2.706+/-0.084 χ^2 /NDF: 11583.4/18

In: -3.259+/-0.108 χ^2 /NDF:6024.8/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2.706+/-0.084 χ^2 /NDF: 11583.4/18

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.313+/-0.163 χ^2/NDF : 7169.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.350+/-0.186 χ^2/NDF : 6305.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

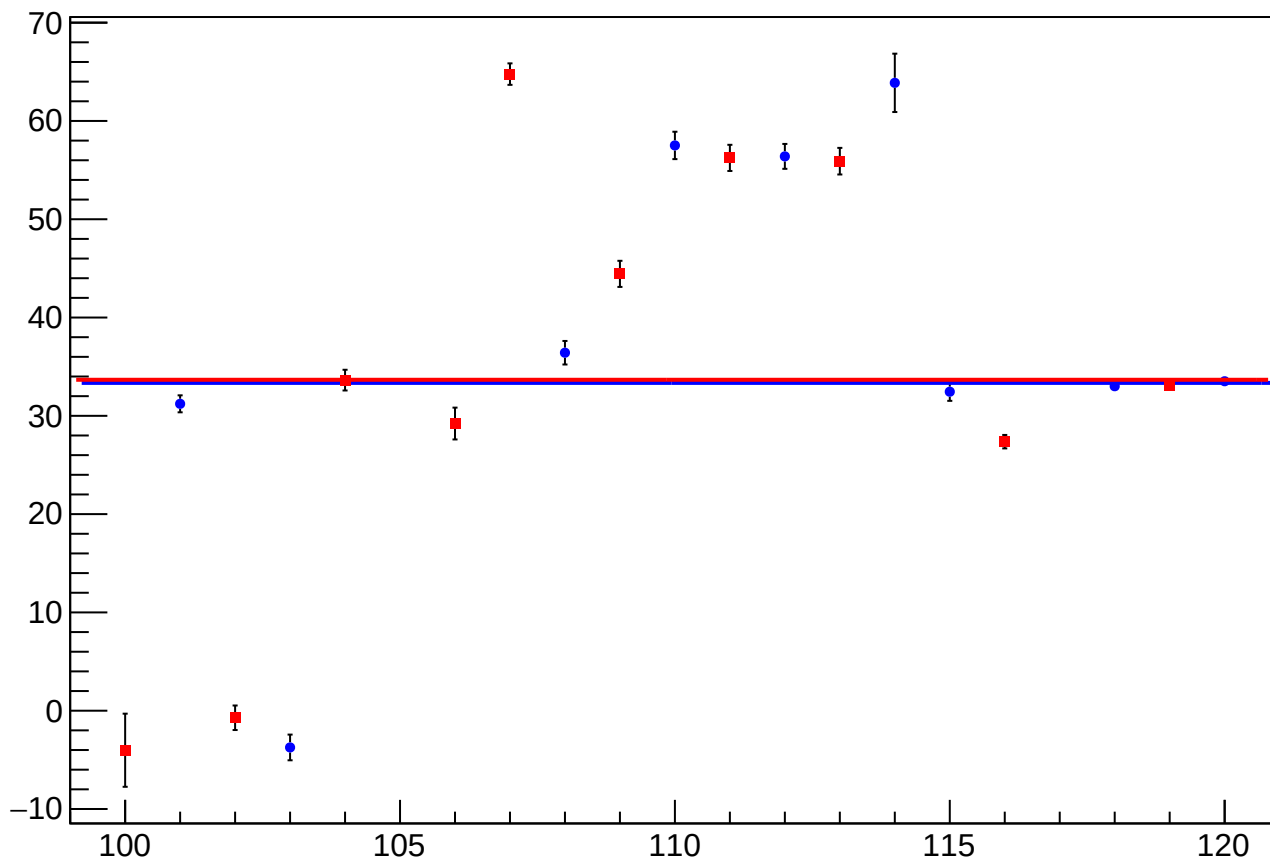
Right: 0.407+/-0.123 χ^2/NDF : 13519.9/18

In: -0.313+/-0.163 χ^2/NDF :7169.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.407+/-0.123 χ^2/NDF : 13519.9/18

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 33.351+/-0.140 χ^2/NDF : 1560.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.668+/-0.170 χ^2/NDF : 2398.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

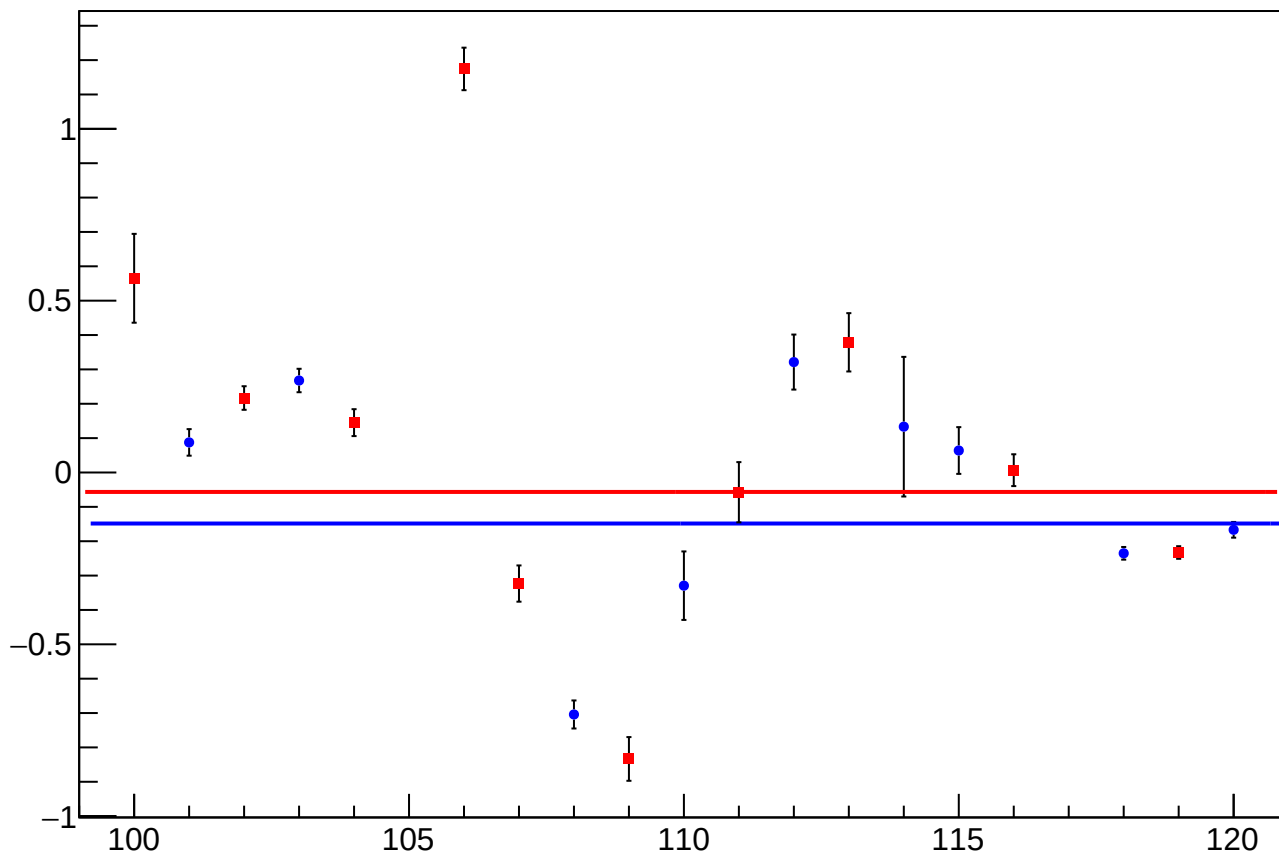
Right: 33.479+/-0.108 χ^2/NDF : 3961.1/18

In: 33.351+/-0.140 χ^2/NDF : 1560.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.479+/-0.108 χ^2/NDF : 3961.1/18

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.148 ± 0.012 χ^2/NDF : 443.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.057 ± 0.013 χ^2/NDF : 804.7/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

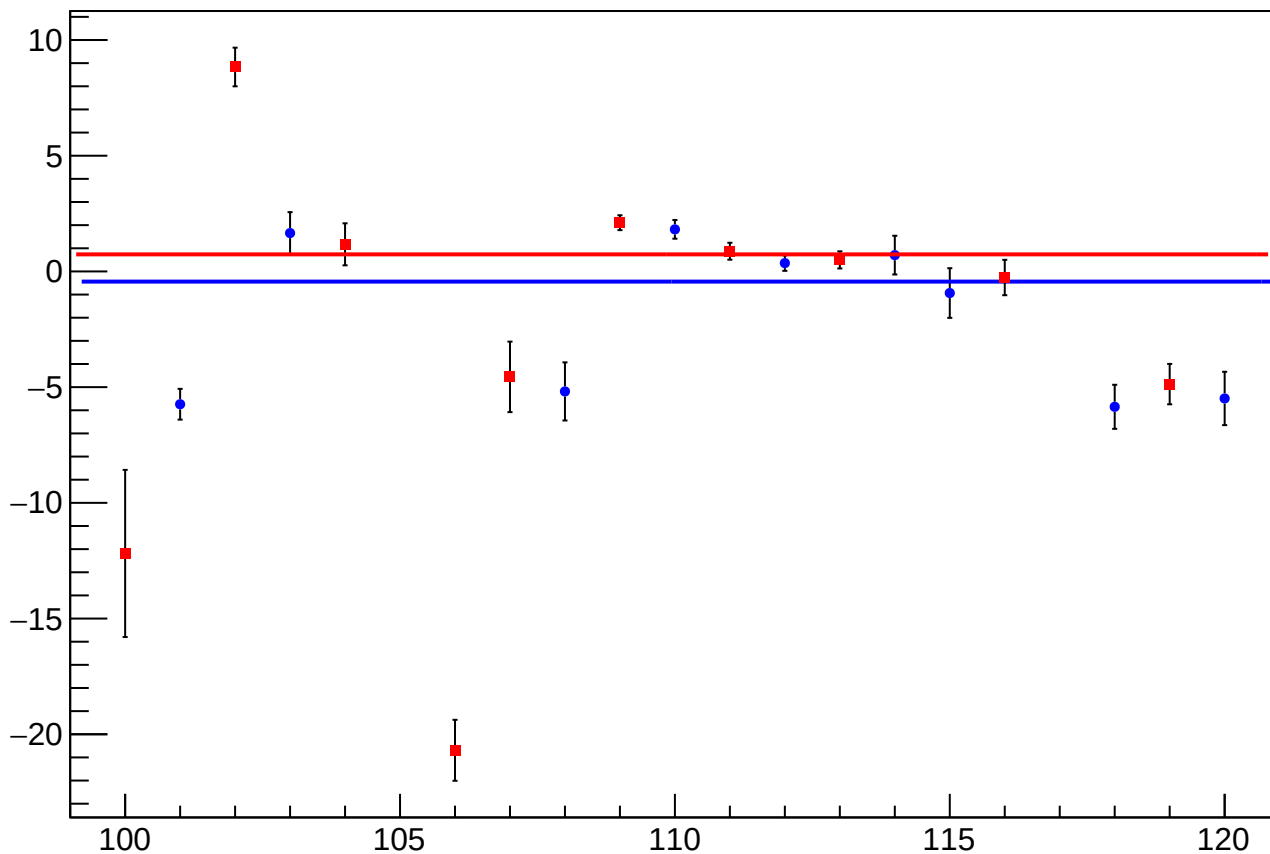
Right: -0.107 ± 0.009 χ^2/NDF : 1277.0/18

In: -0.148 ± 0.012 χ^2/NDF : 443.9/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.107 ± 0.009 χ^2/NDF : 1277.0/18

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.440 $\pm$ 0.207 χ^2 /NDF: 173.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.737 $\pm$ 0.179 χ^2 /NDF: 445.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

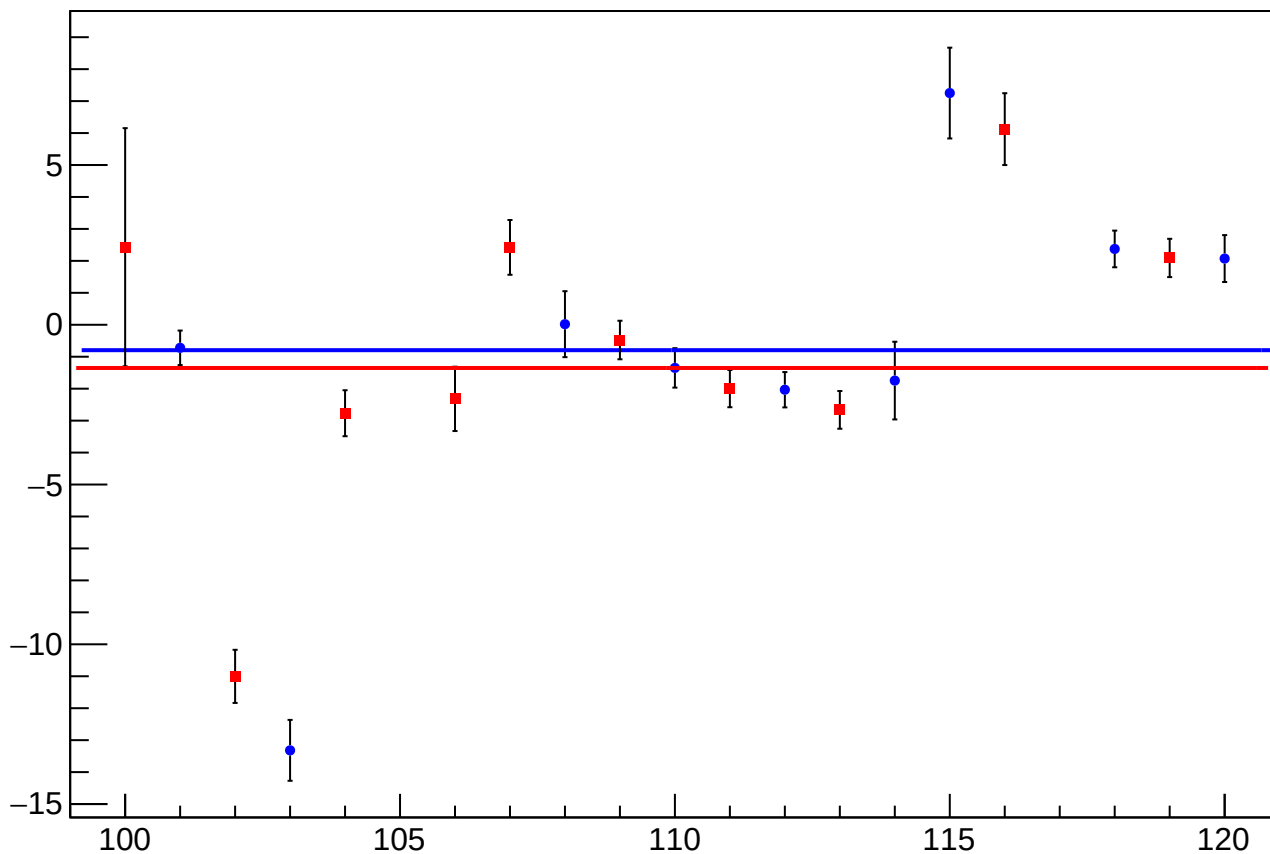
Right: 0.234 $\pm$ 0.135 χ^2 /NDF: 637.7/18

In: -0.440 $\pm$ 0.207 χ^2 /NDF:173.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.234 $\pm$ 0.135 χ^2 /NDF: 637.7/18

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.795+/-0.240 χ^2/NDF : 257.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.352+/-0.236 χ^2/NDF : 245.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

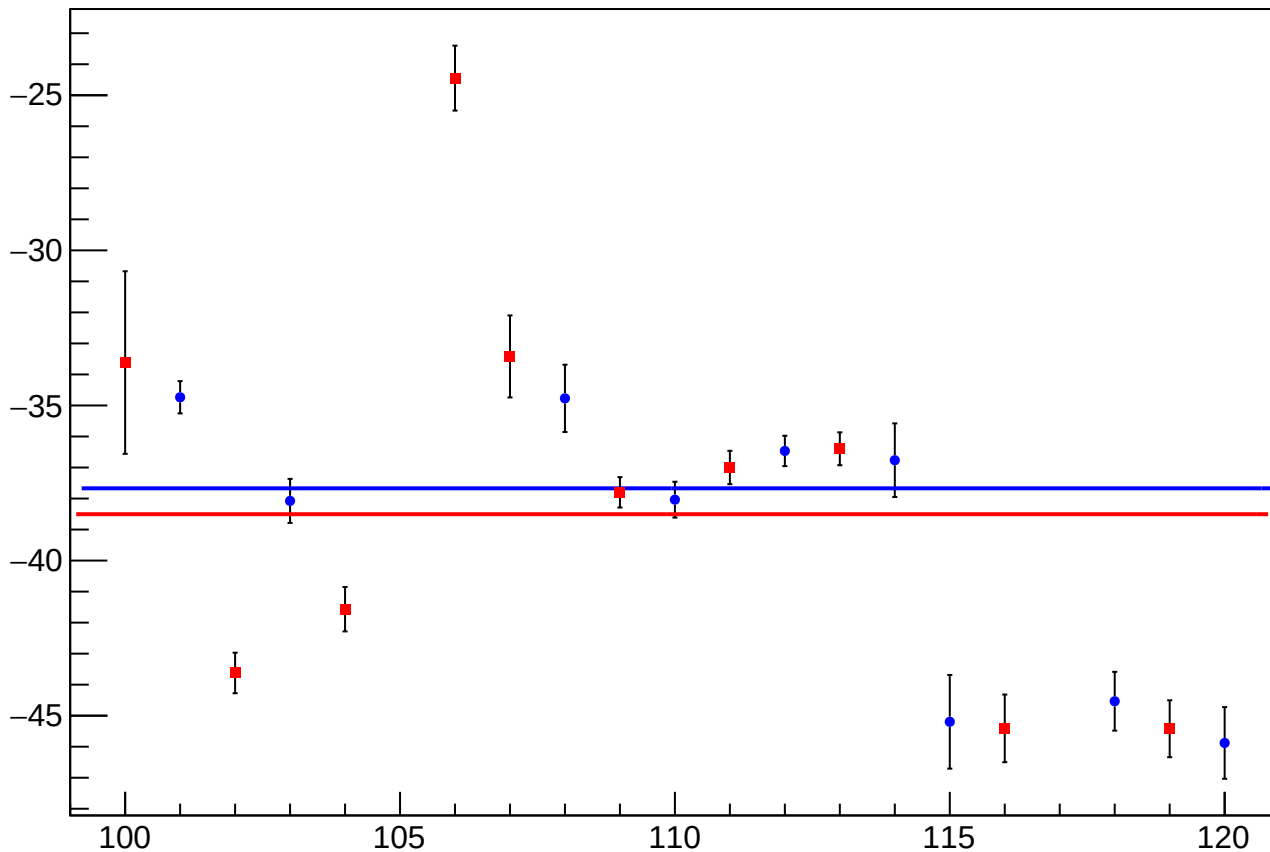
Right: -1.078+/-0.168 χ^2/NDF : 505.9/18

In: -0.795+/-0.240 χ^2/NDF : 257.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.078+/-0.168 χ^2/NDF : 505.9/18

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -37.671+/-0.245 χ^2/NDF : 174.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.505+/-0.229 χ^2/NDF : 400.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

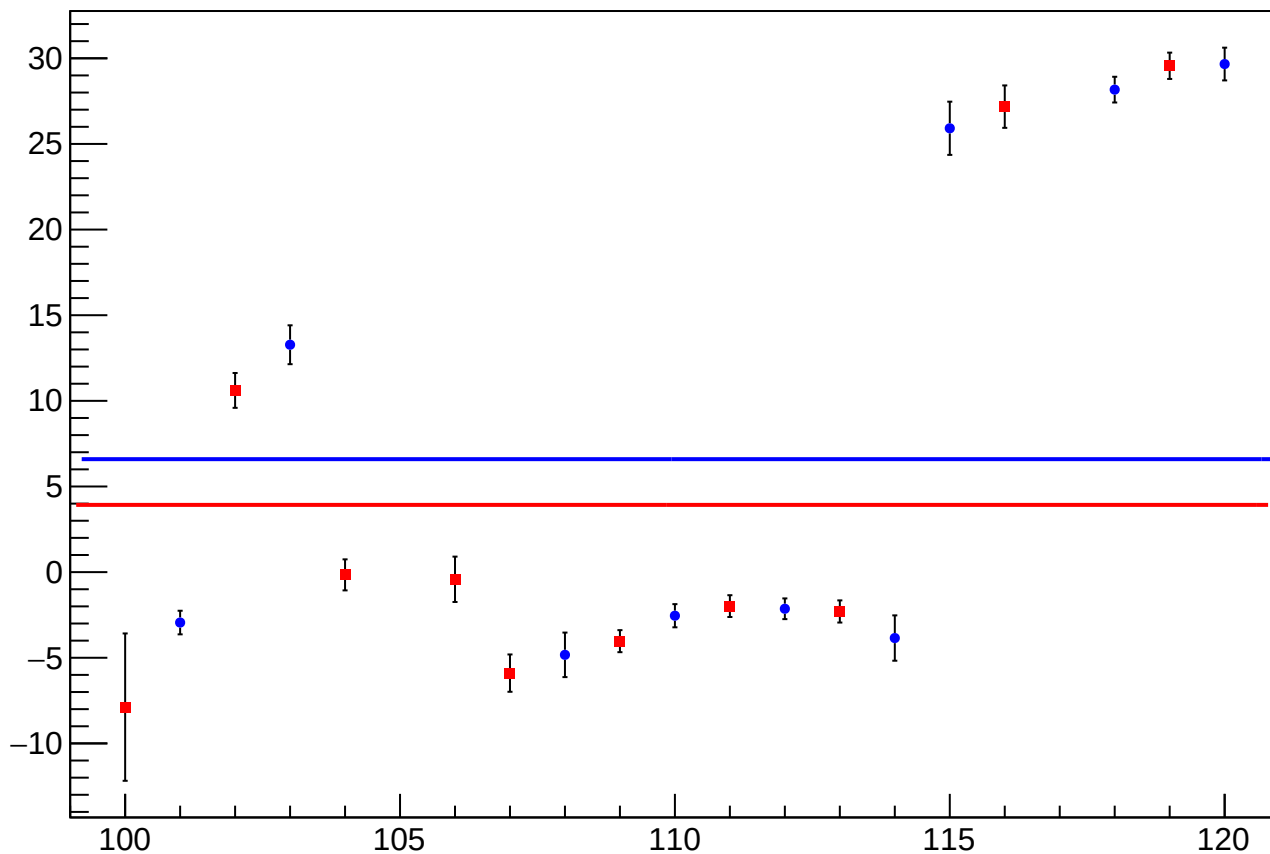
Right: -38.116+/-0.167 χ^2/NDF : 580.6/18

In: -37.671+/-0.245 χ^2/NDF : 174.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.116+/-0.167 χ^2/NDF : 580.6/18

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.595+/-0.286 χ^2/NDF : 2319.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.926+/-0.274 χ^2/NDF : 1961.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

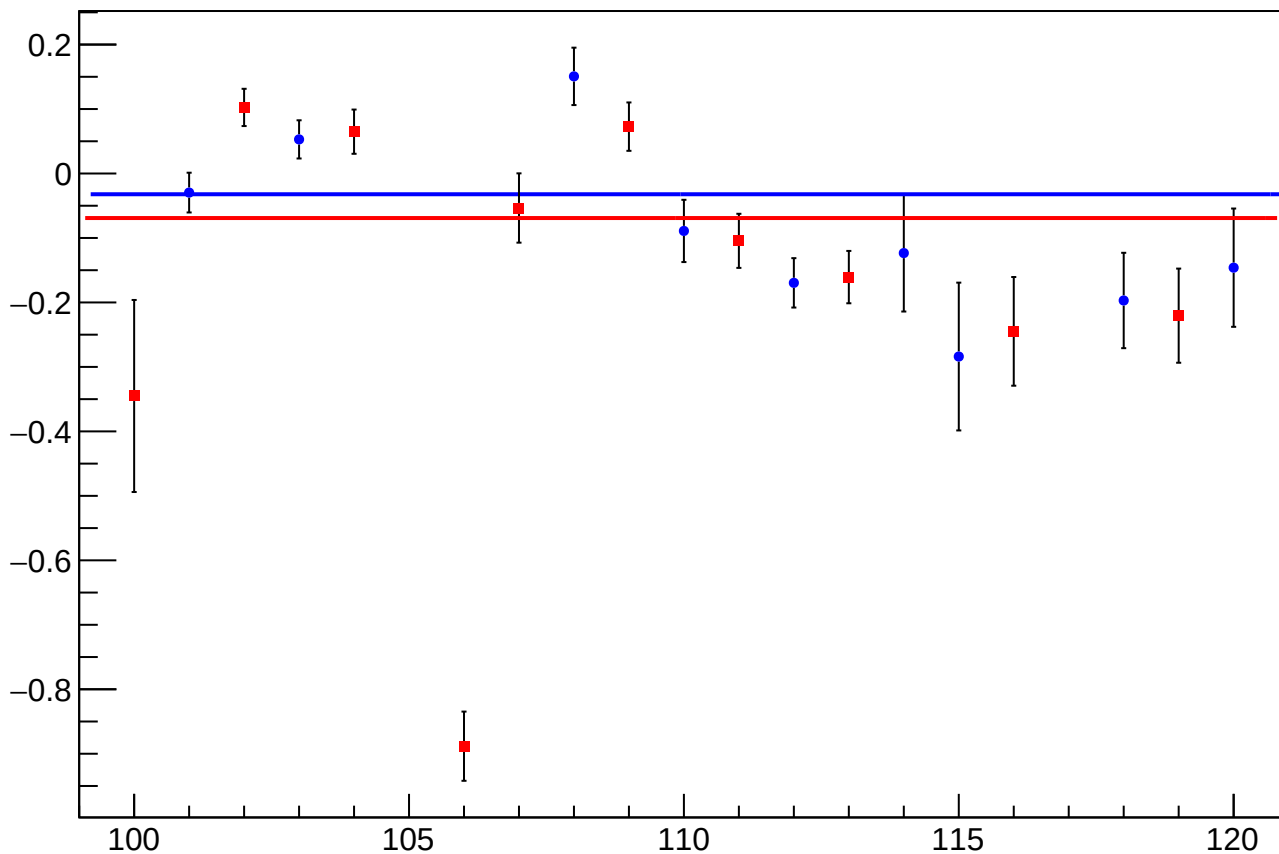
Right: 5.207+/-0.198 χ^2/NDF : 4326.3/18

In: 6.595+/-0.286 χ^2/NDF : 2319.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.207+/-0.198 χ^2/NDF : 4326.3/18

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.032+/-0.015 χ^2/NDF : 51.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.069+/-0.014 χ^2/NDF : 315.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

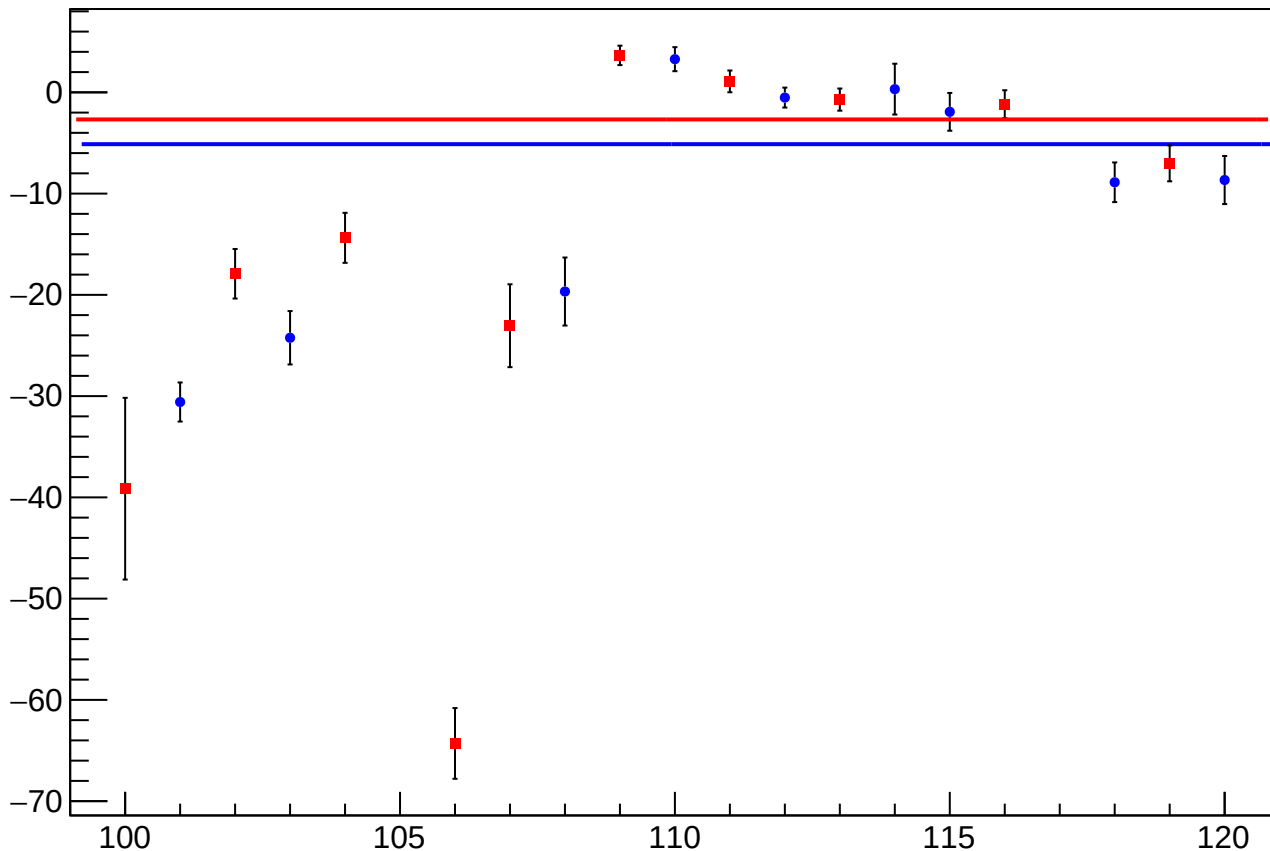
Right: -0.052+/-0.010 χ^2/NDF : 370.6/18

In: -0.032+/-0.015 χ^2/NDF :51.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.052+/-0.010 χ^2/NDF : 370.6/18

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.119+/-0.566 χ^2 /NDF: 330.9/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2.676+/-0.493 χ^2 /NDF: 479.9/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

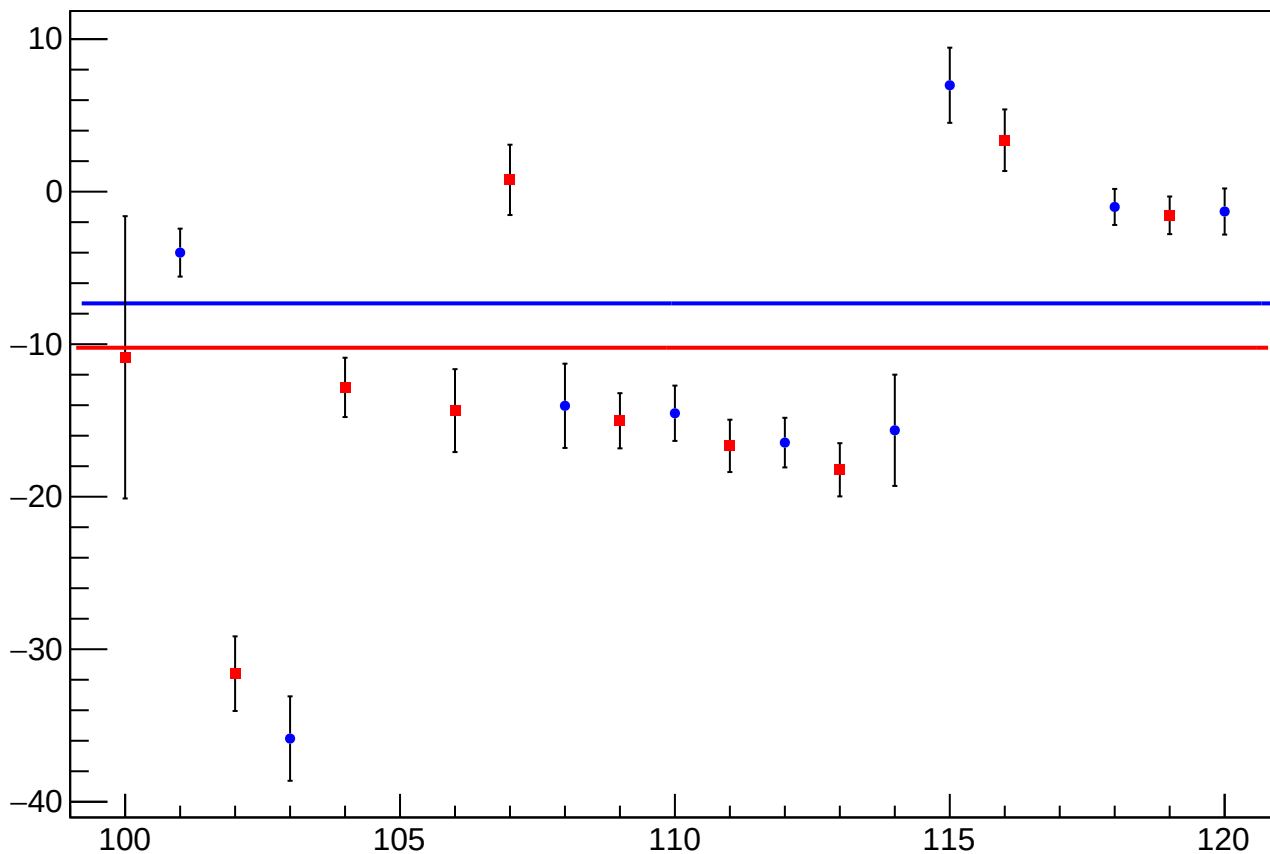
Right: -3.731+/-0.372 χ^2 /NDF: 821.4/18

In: -5.119+/-0.566 χ^2 /NDF:330.9/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -3.731+/-0.372 χ^2 /NDF: 821.4/18

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.325+/-0.604 χ^2/NDF : 247.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.232+/-0.615 χ^2/NDF : 240.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

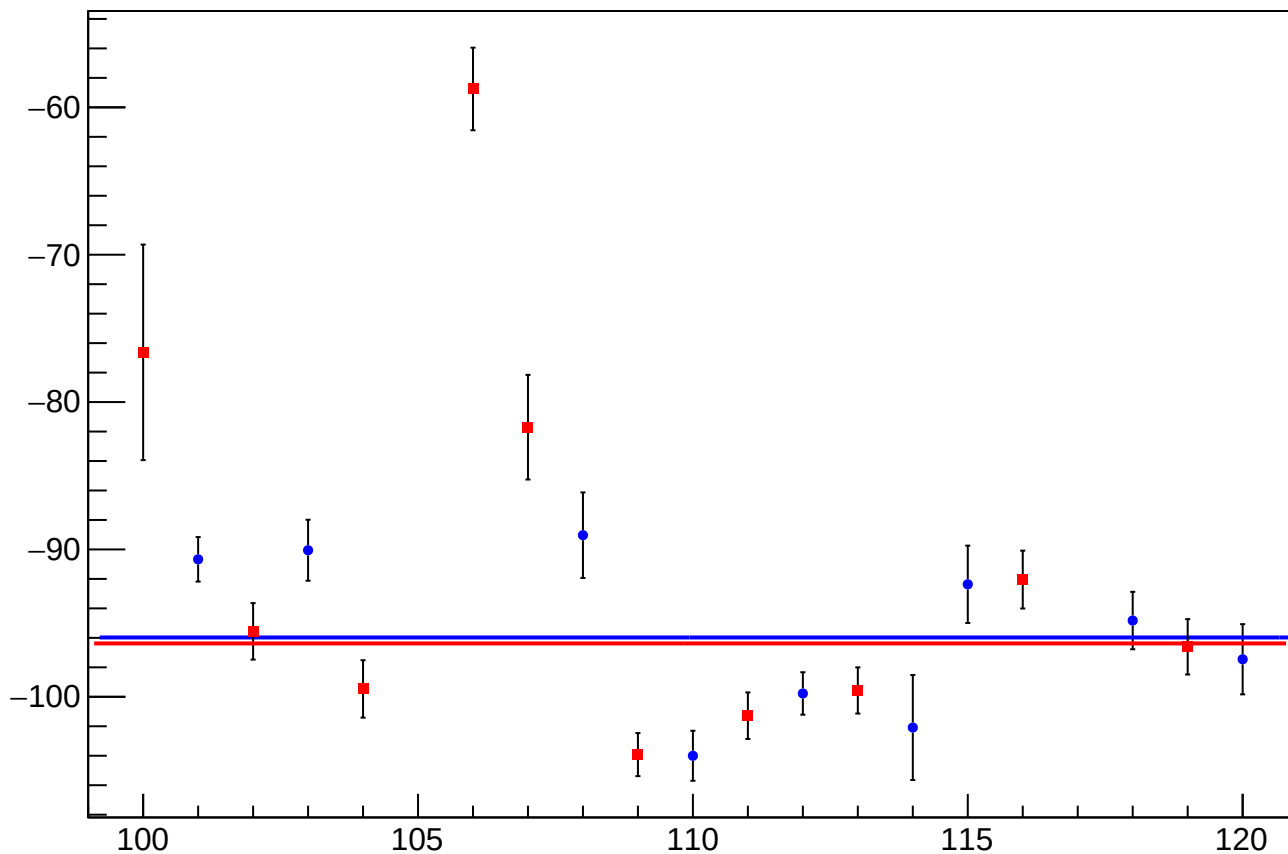
Right: -8.752+/-0.431 χ^2/NDF : 498.8/18

In: -7.325+/-0.604 χ^2/NDF : 247.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.752+/-0.431 χ^2/NDF : 498.8/18

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -95.974 $\pm$ 0.662 χ^2 /NDF: 61.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -96.379 $\pm$ 0.623 χ^2 /NDF: 252.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

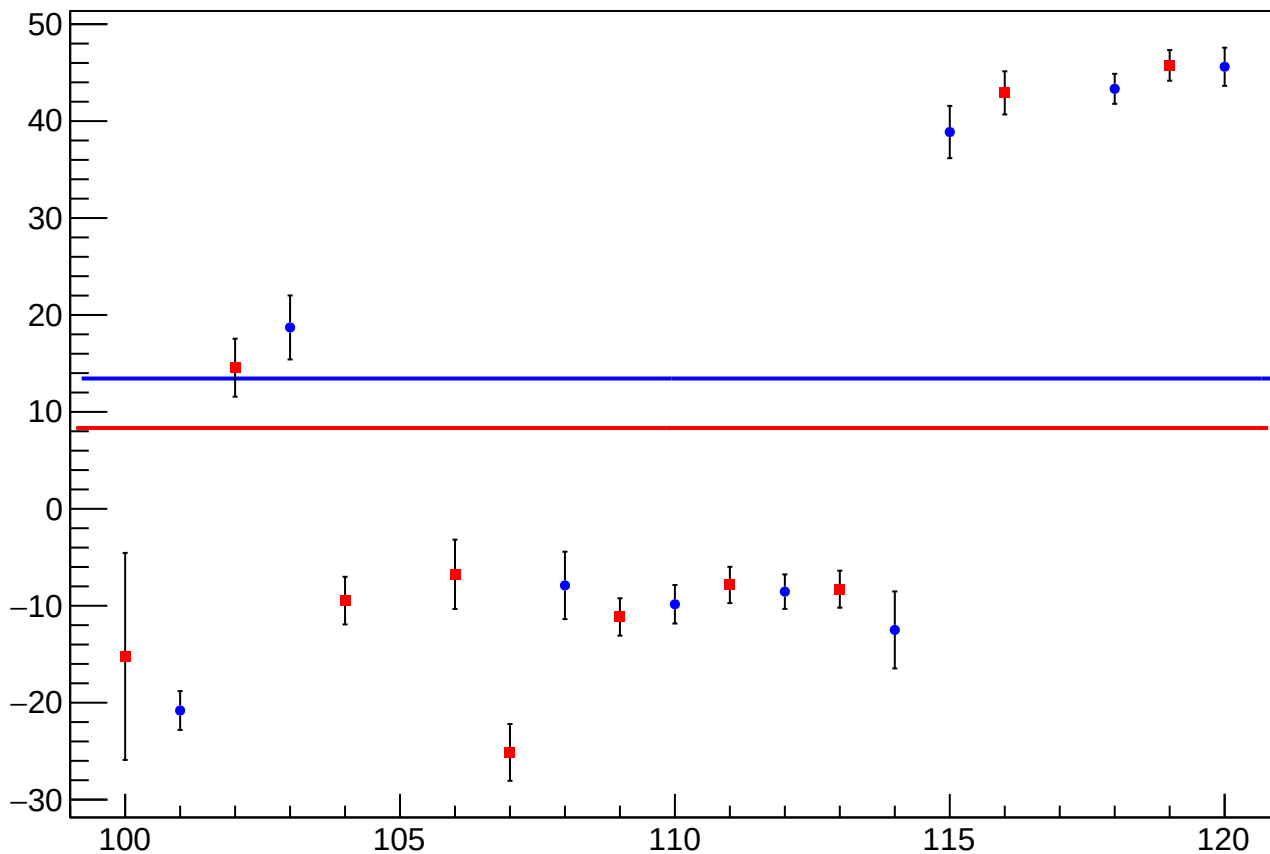
Right: -96.189 $\pm$ 0.453 χ^2 /NDF: 314.1/18

In: -95.974 $\pm$ 0.662 χ^2 /NDF:61.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -96.189 $\pm$ 0.453 χ^2 /NDF: 314.1/18

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.444+/-0.731 χ^2/NDF : 1394.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.341+/-0.723 χ^2/NDF : 1264.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

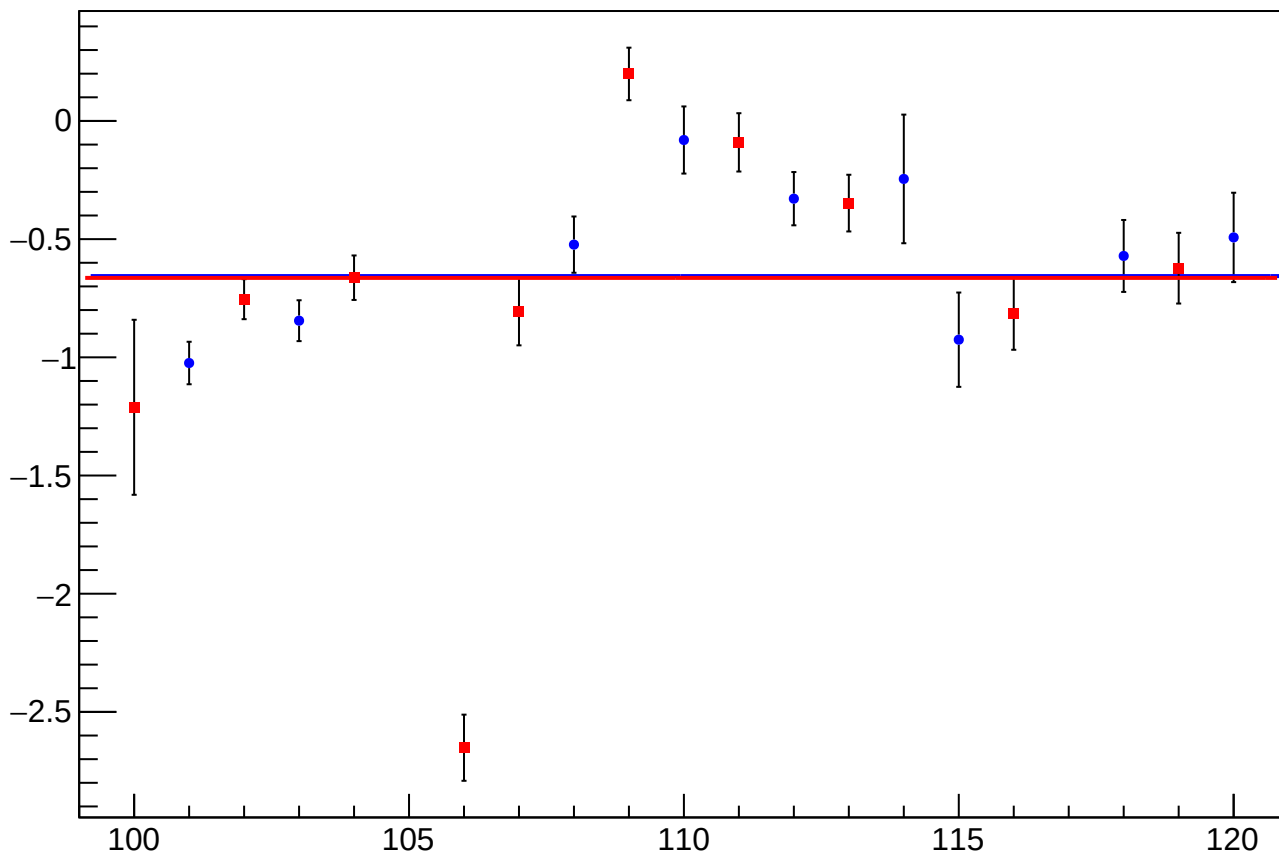
Right: 10.865+/-0.514 χ^2/NDF : 2683.4/18

In: 13.444+/-0.731 χ^2/NDF : 1394.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.865+/-0.514 χ^2/NDF : 2683.4/18

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.656+/-0.042 χ^2/NDF : 52.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.664+/-0.039 χ^2/NDF : 295.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

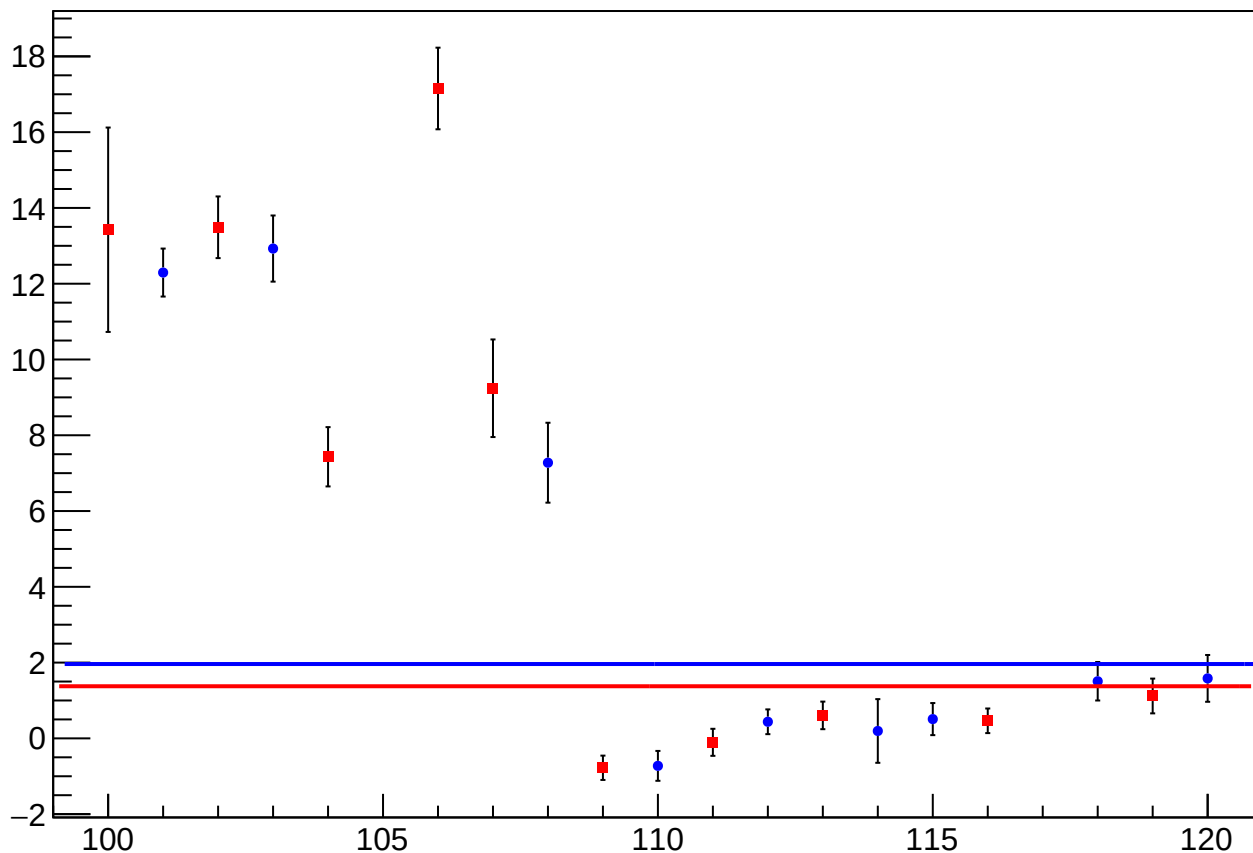
Right: -0.660+/-0.029 χ^2/NDF : 348.7/18

In: -0.656+/-0.042 χ^2/NDF : 52.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.660+/-0.029 χ^2/NDF : 348.7/18

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.962 $\pm$ 0.172 χ^2 /NDF: 535.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.376 $\pm$ 0.151 χ^2 /NDF: 628.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

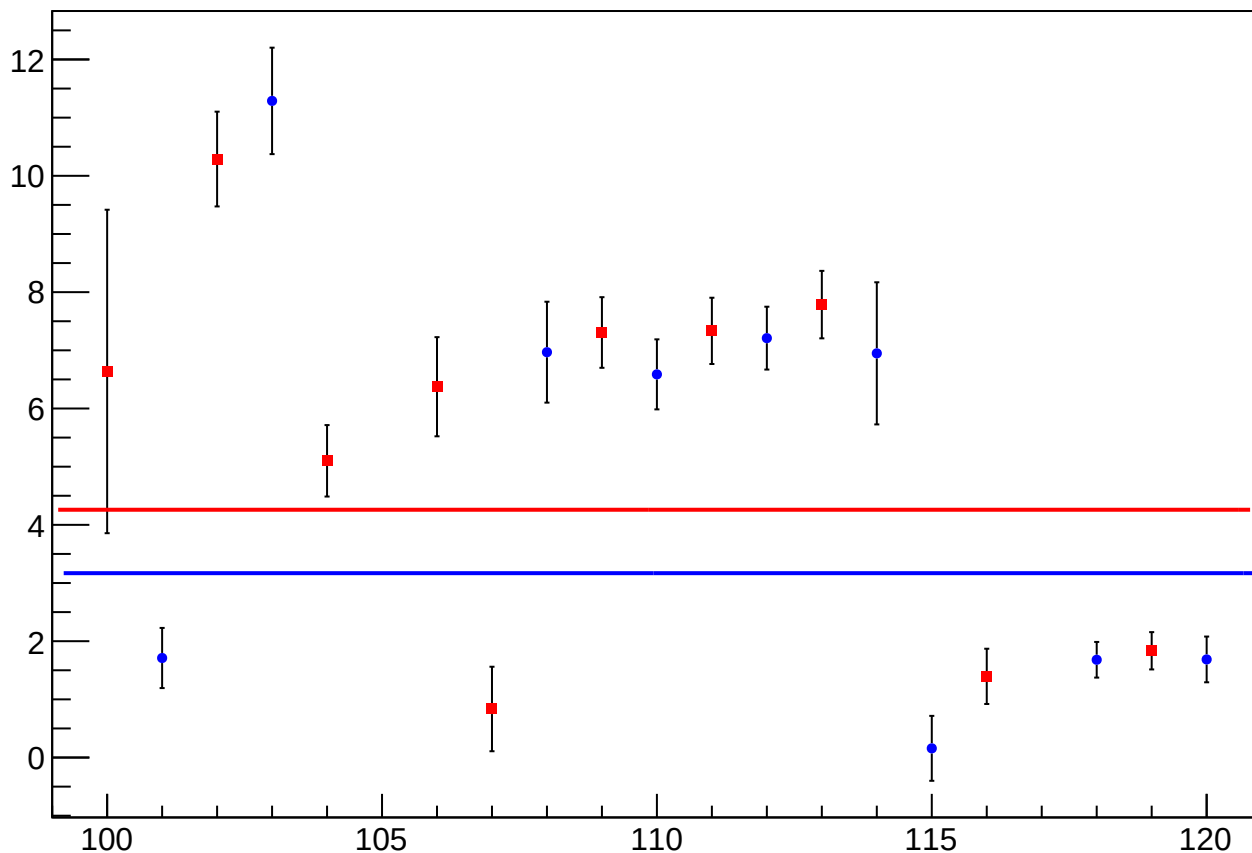
Right: 1.631 $\pm$ 0.113 χ^2 /NDF: 1169.7/18

In: 1.962 $\pm$ 0.172 χ^2 /NDF: 535.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.631 $\pm$ 0.113 χ^2 /NDF: 1169.7/18

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.169+/-0.173 χ^2/NDF : 270.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.260+/-0.181 χ^2/NDF : 270.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

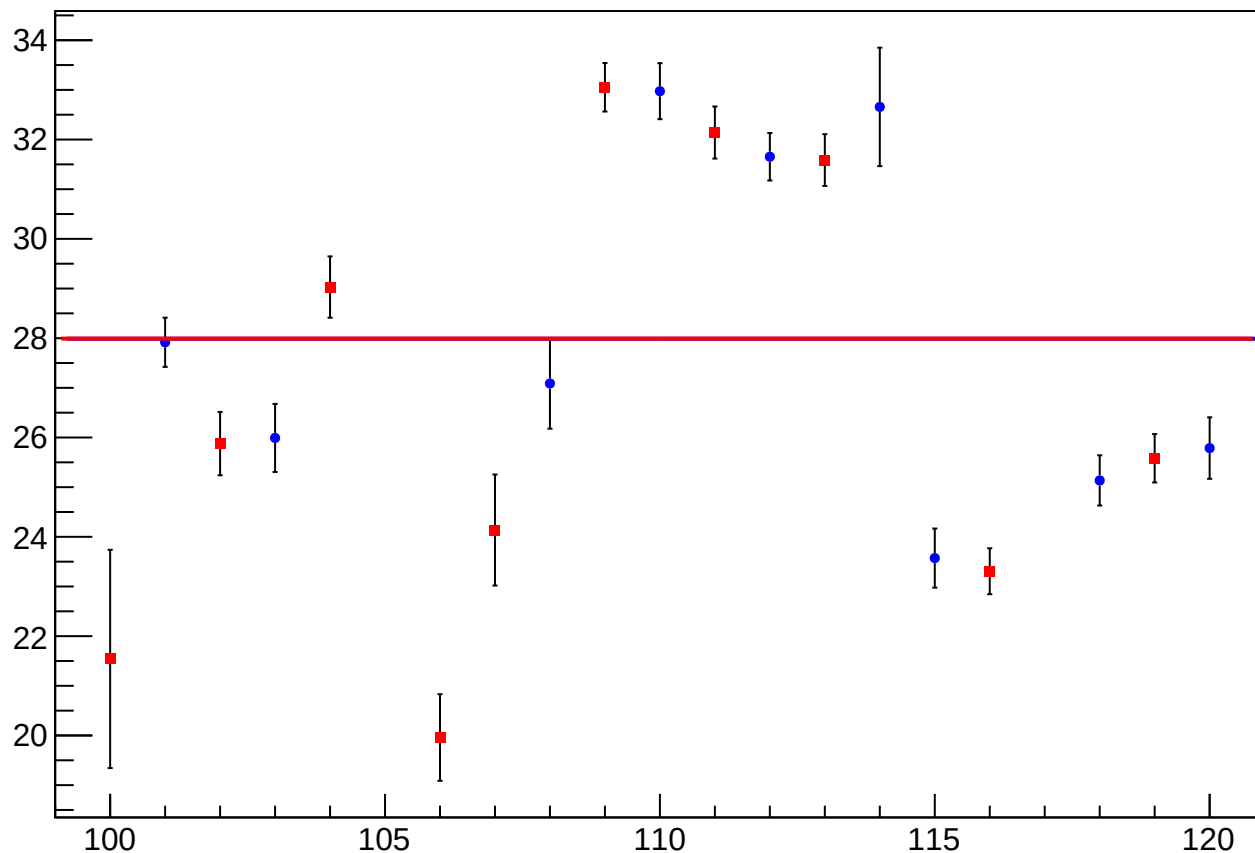
Right: 3.689+/-0.125 χ^2/NDF : 560.1/18

In: 3.169+/-0.173 χ^2/NDF : 270.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.689+/-0.125 χ^2/NDF : 560.1/18

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.989+/-0.200 χ^2 /NDF: 261.2/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 27.992+/-0.190 χ^2 /NDF: 463.7/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

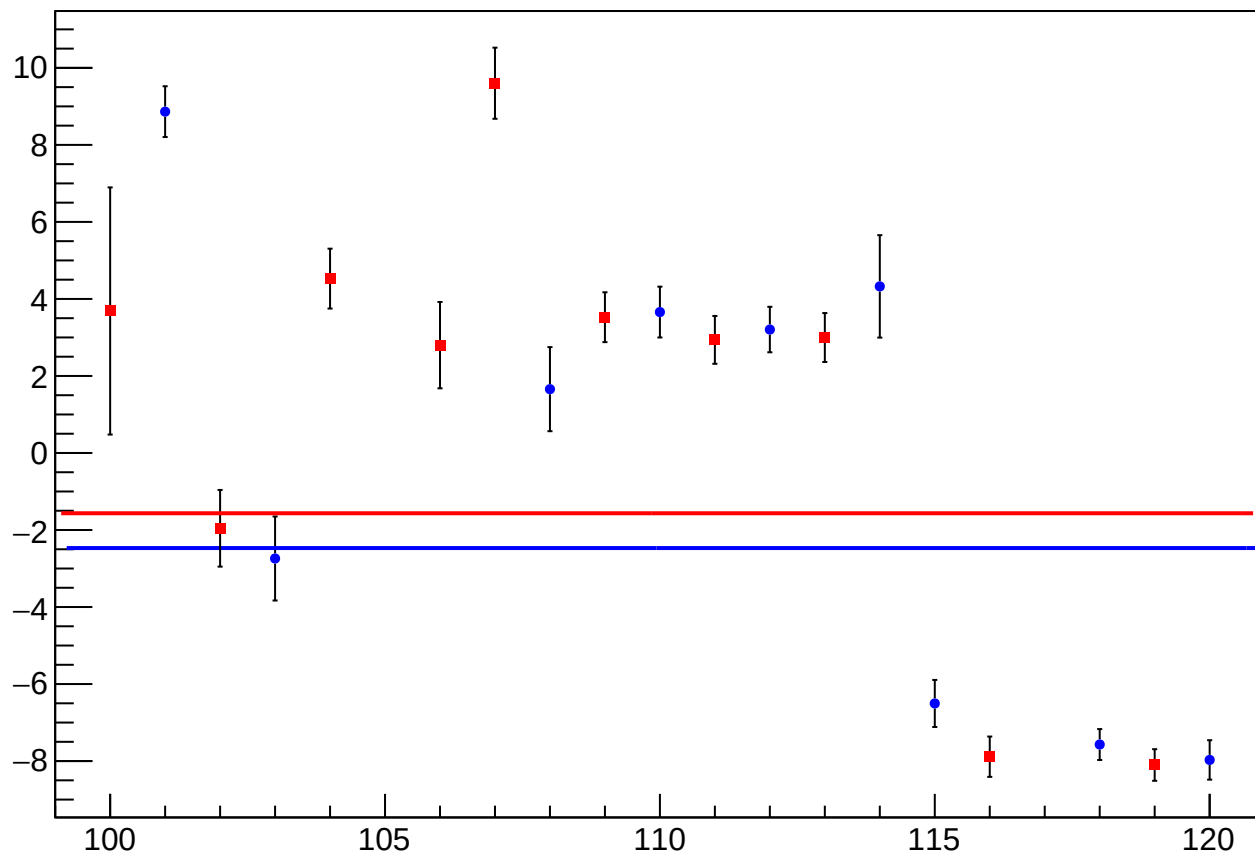
Right: 27.990+/-0.138 χ^2 /NDF: 725.0/18

In: 27.989+/-0.200 χ^2 /NDF:261.2/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 27.990+/-0.138 χ^2 /NDF: 725.0/18

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.469+/-0.211 χ^2/NDF : 835.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.565+/-0.214 χ^2/NDF : 791.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

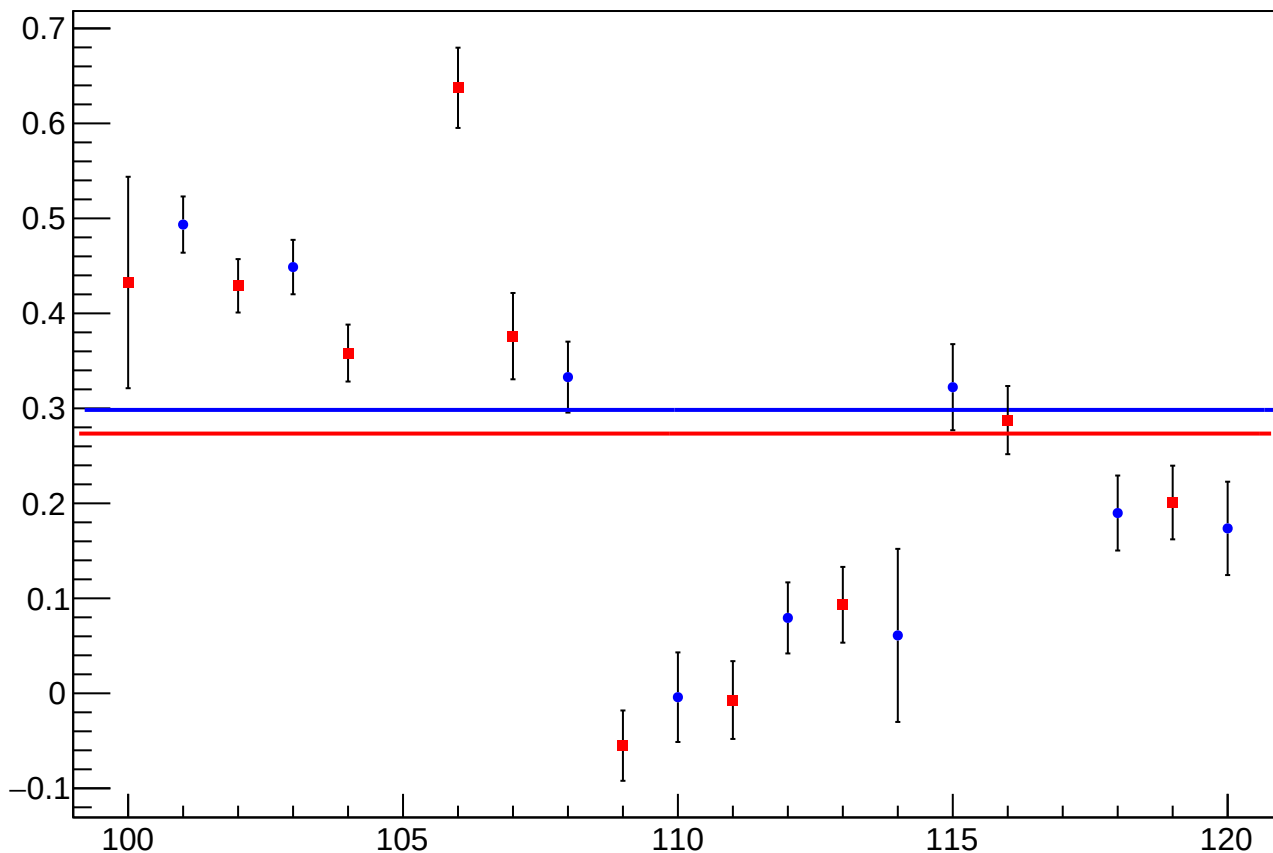
Right: -2.024+/-0.150 χ^2/NDF : 1635.3/18

In: -2.469+/-0.211 χ^2/NDF : 835.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.024+/-0.150 χ^2/NDF : 1635.3/18

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.298+/-0.013 χ^2/NDF : 168.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.273+/-0.012 χ^2/NDF : 269.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

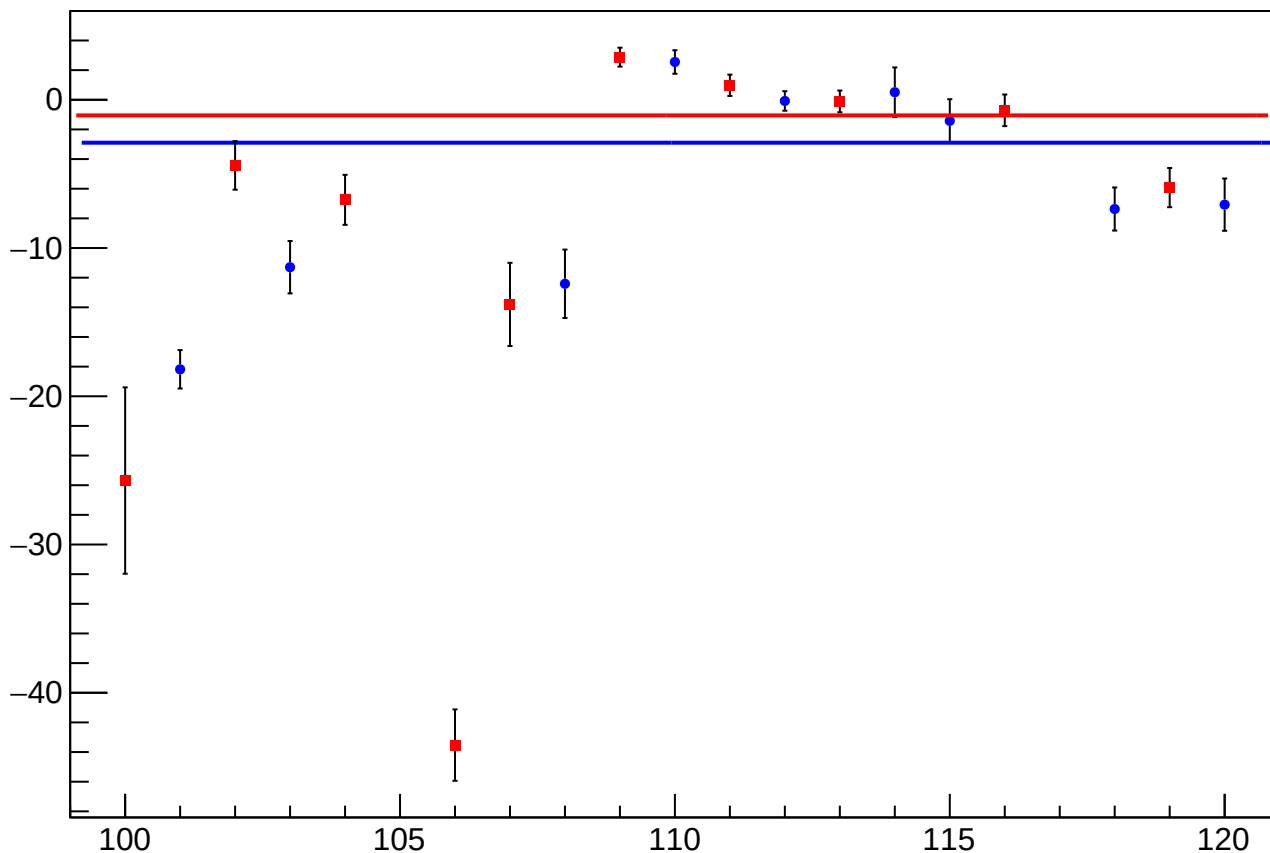
Right: 0.285+/-0.009 χ^2/NDF : 440.1/18

In: 0.298+/-0.013 χ^2/NDF : 168.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.285+/-0.009 χ^2/NDF : 440.1/18

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.895+/-0.389 χ^2/NDF : 264.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.054+/-0.338 χ^2/NDF : 423.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

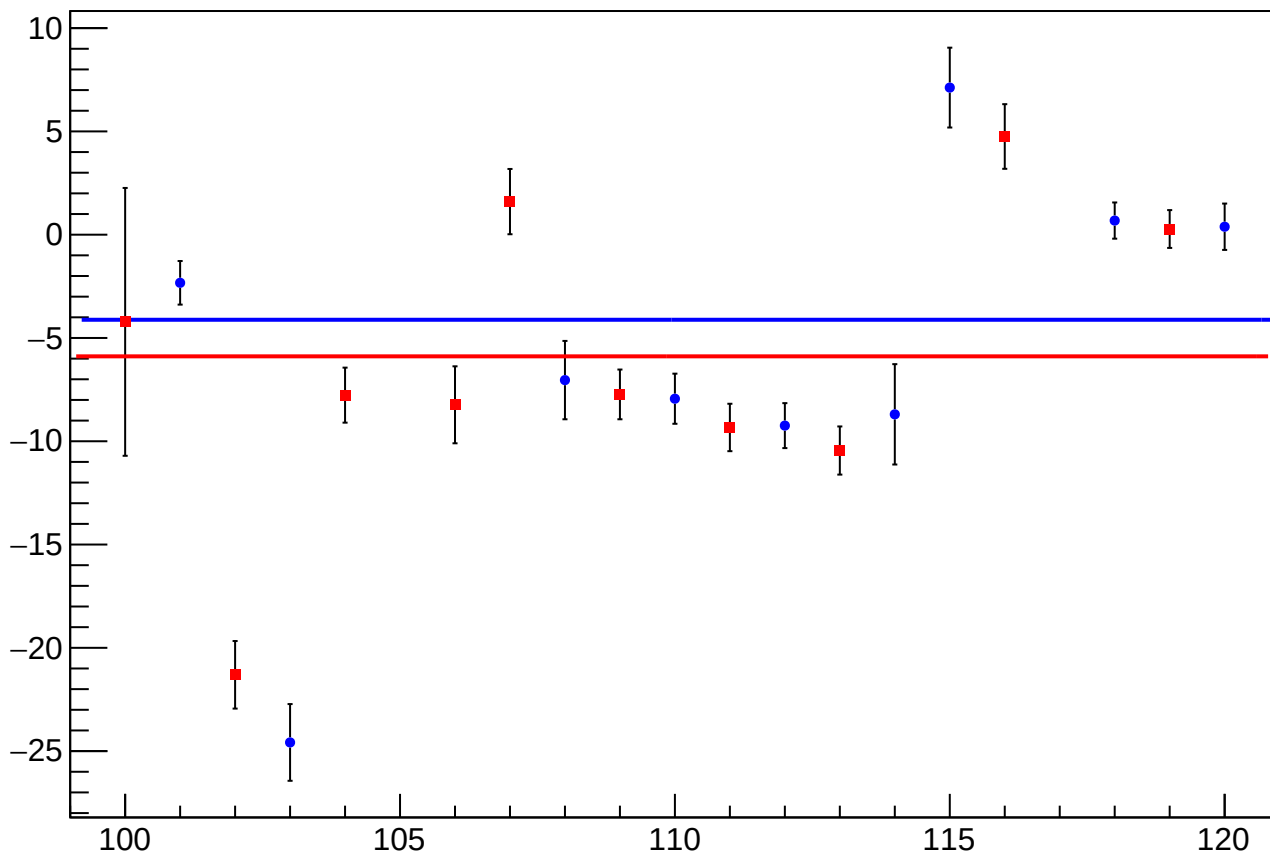
Right: -1.846+/-0.255 χ^2/NDF : 700.7/18

In: -2.895+/-0.389 χ^2/NDF : 264.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.846+/-0.255 χ^2/NDF : 700.7/18

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.119 $\pm$ 0.425 χ^2 /NDF: 242.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -5.889 $\pm$ 0.429 χ^2 /NDF: 233.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

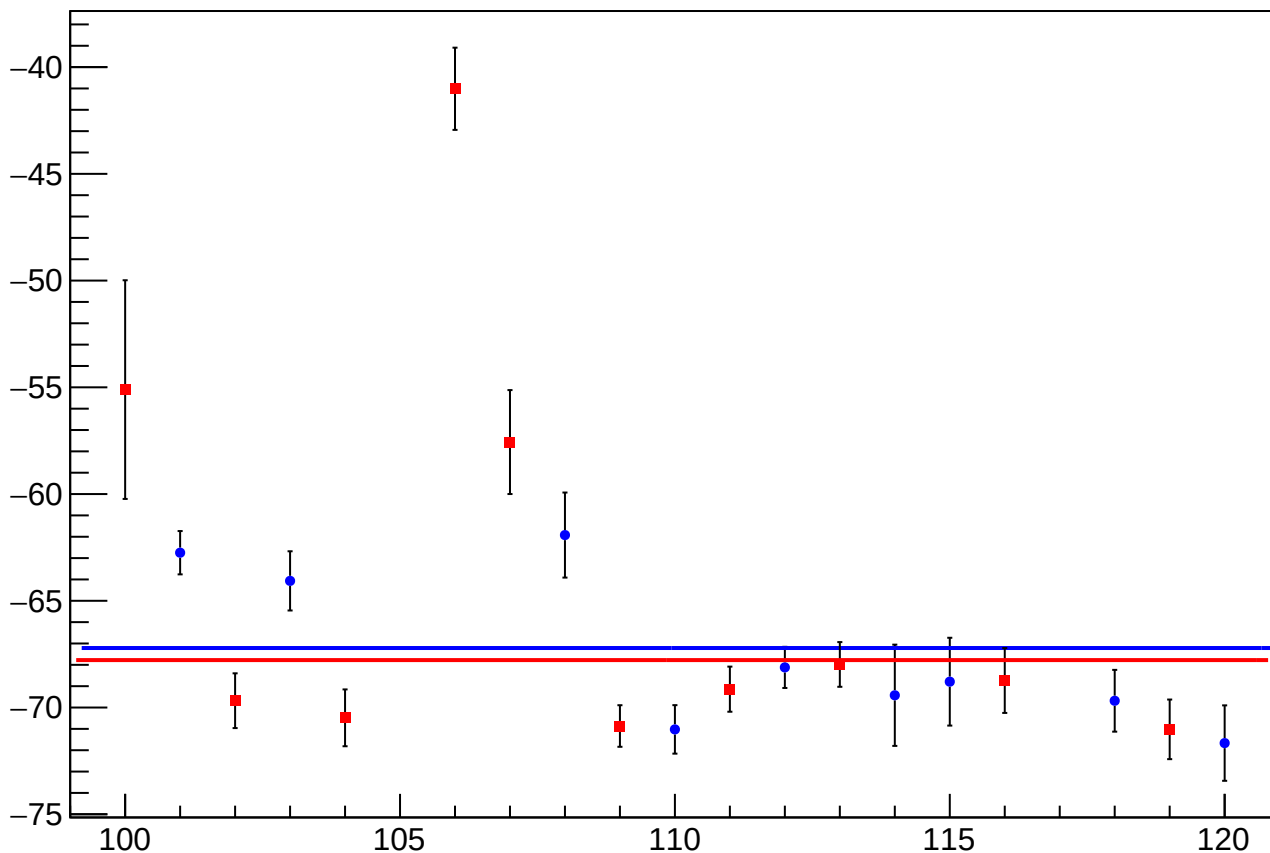
Right: -4.997 $\pm$ 0.302 χ^2 /NDF: 484.0/18

In: -4.119 $\pm$ 0.425 χ^2 /NDF:242.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.997 $\pm$ 0.302 χ^2 /NDF: 484.0/18

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -67.212+/-0.456 χ^2/NDF : 54.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -67.778+/-0.428 χ^2/NDF : 240.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

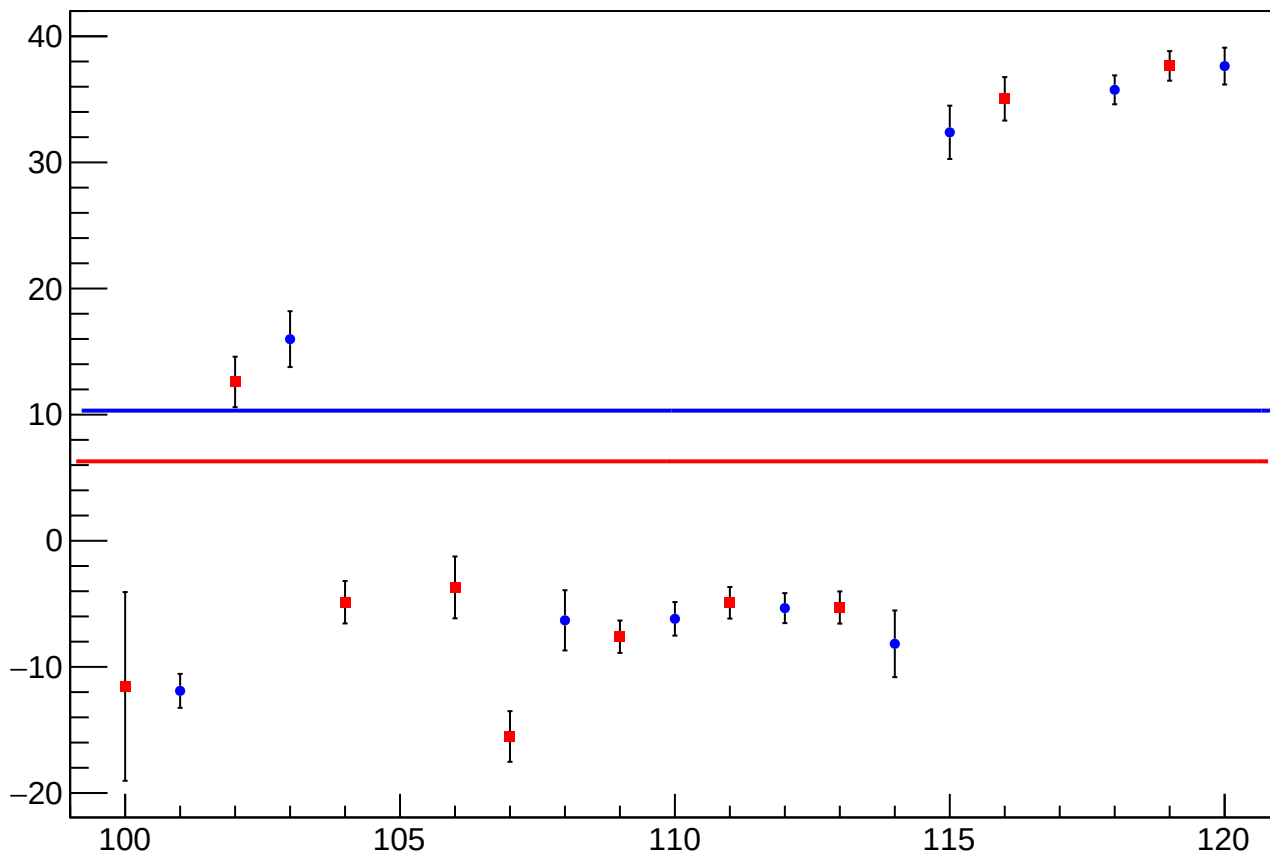
Right: -67.513+/-0.312 χ^2/NDF : 296.0/18

In: -67.212+/-0.456 χ^2/NDF :54.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -67.513+/-0.312 χ^2/NDF : 296.0/18

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.319+/-0.513 χ^2/NDF : 1654.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.298+/-0.503 χ^2/NDF : 1467.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

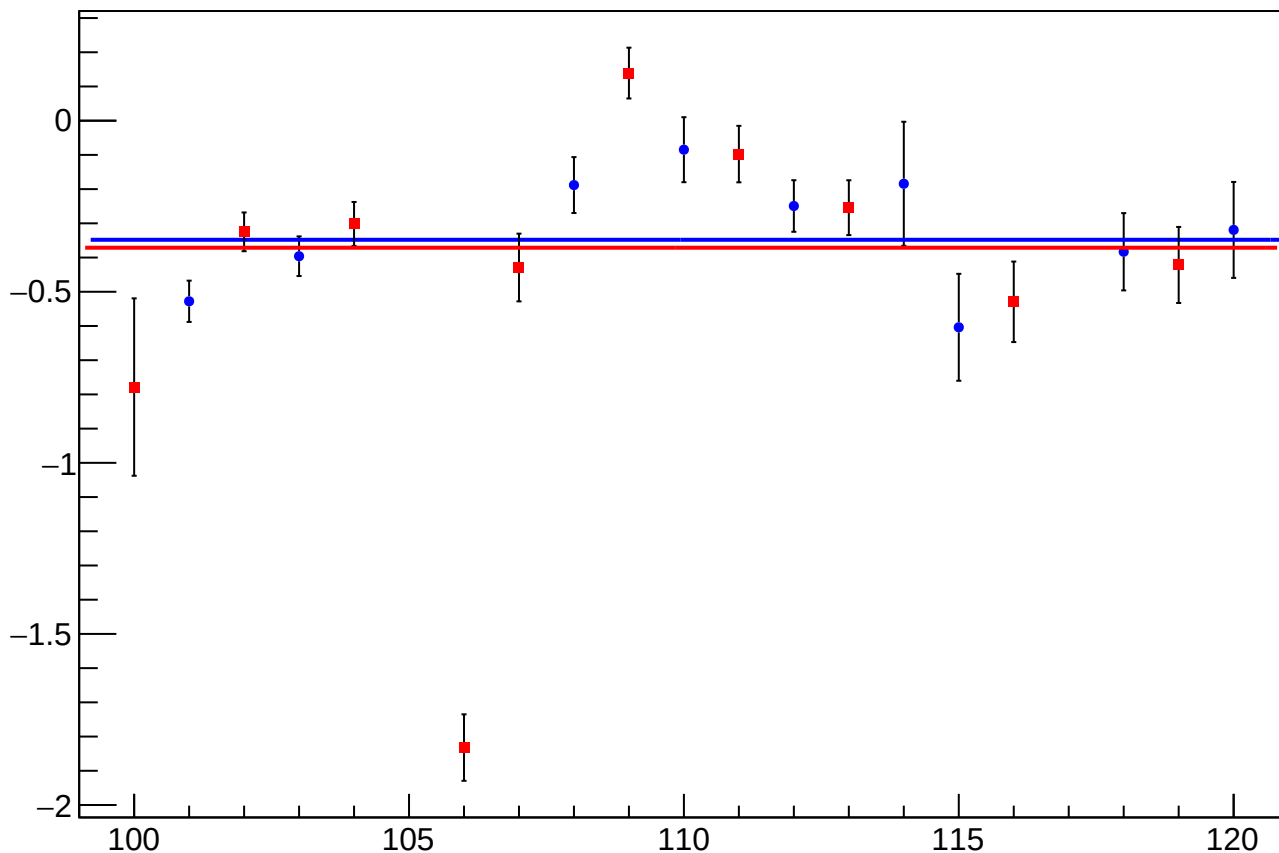
Right: 8.267+/-0.359 χ^2/NDF : 3152.5/18

In: 10.319+/-0.513 χ^2/NDF : 1654.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.267+/-0.359 χ^2/NDF : 3152.5/18

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.348+/-0.029 χ^2/NDF : 26.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.371+/-0.027 χ^2/NDF : 293.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

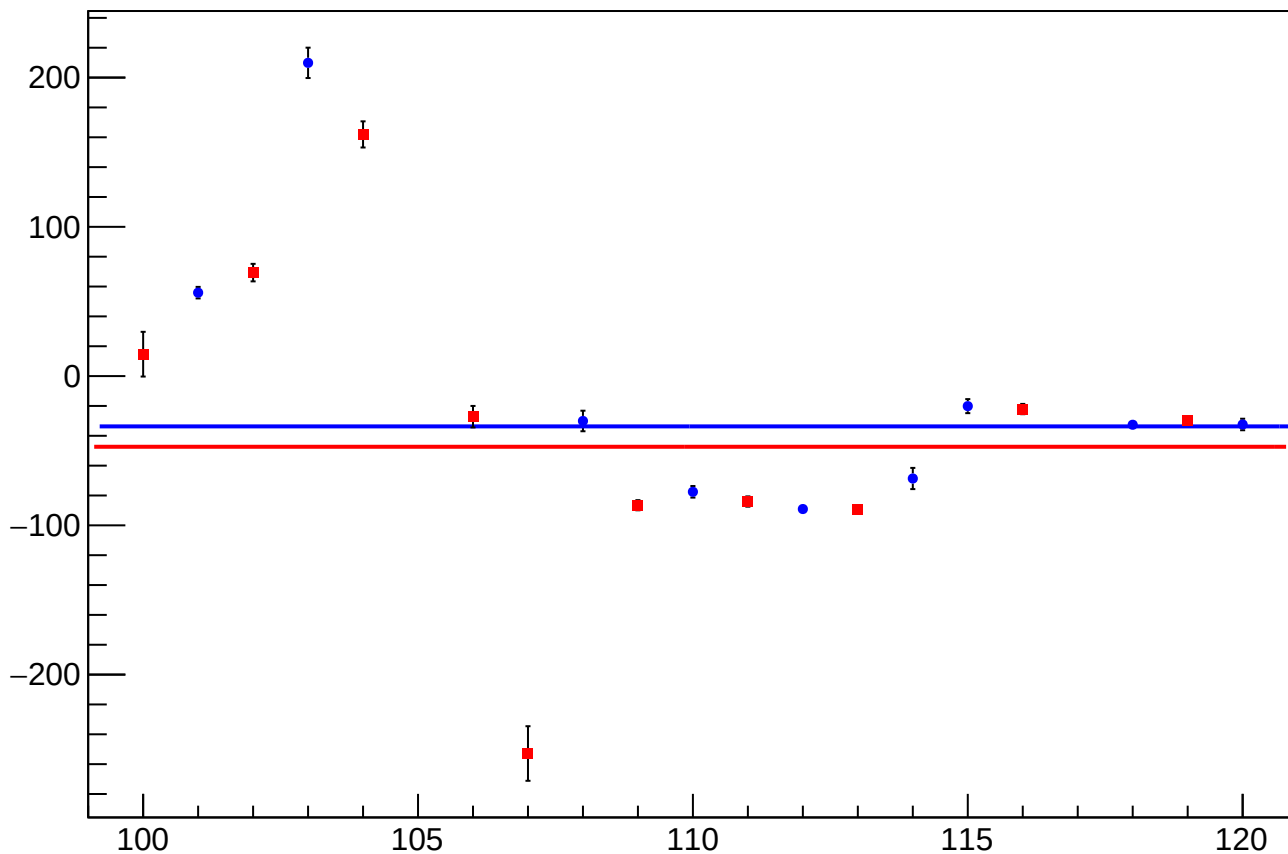
Right: -0.361+/-0.020 χ^2/NDF : 320.1/18

In: -0.348+/-0.029 χ^2/NDF :26.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.361+/-0.020 χ^2/NDF : 320.1/18

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -33.701+/-1.431 χ^2/NDF : 1583.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -47.352+/-1.379 χ^2/NDF : 1611.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

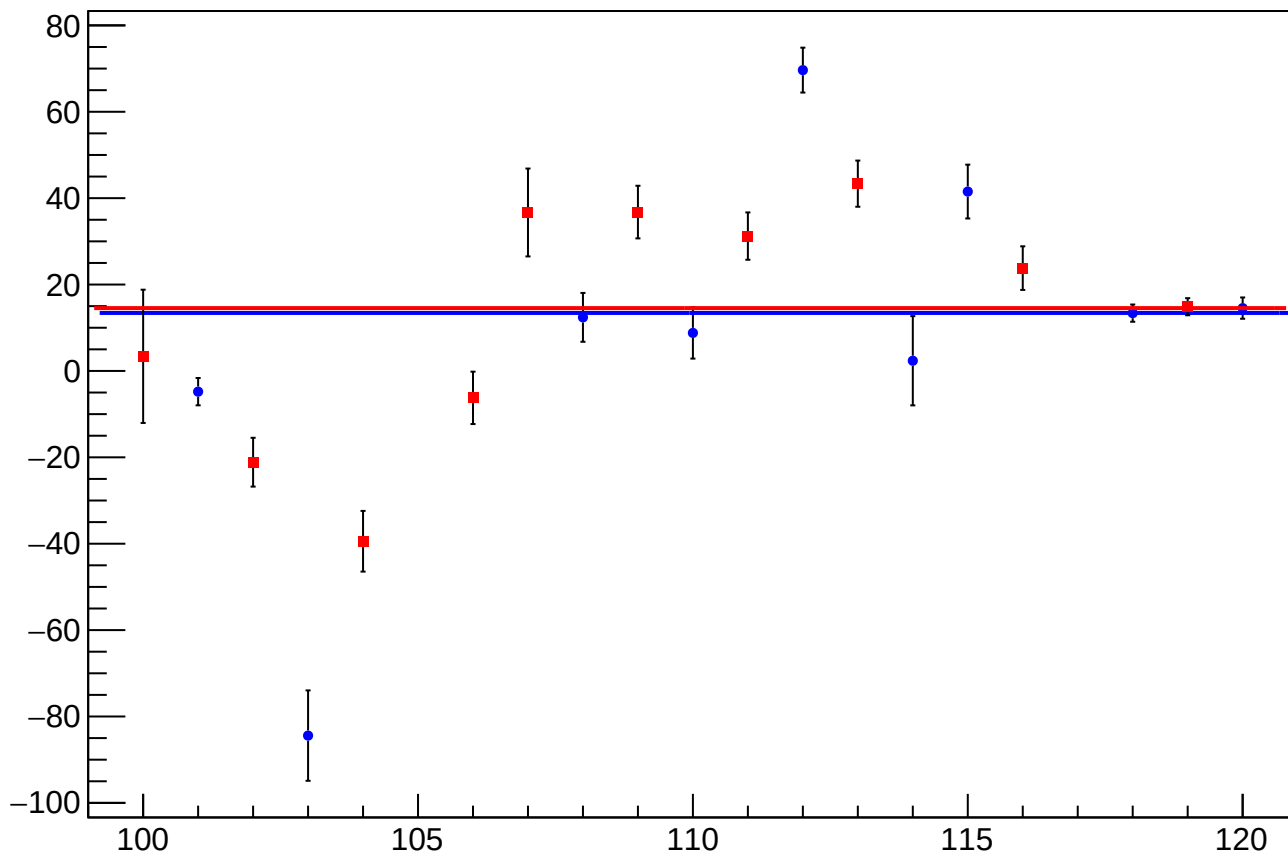
Right: -40.779+/-0.993 χ^2/NDF : 3241.8/18

In: -33.701+/-1.431 χ^2/NDF : 1583.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.779+/-0.993 χ^2/NDF : 3241.8/18

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.426+/-1.234 χ^2/NDF : 260.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.546+/-1.441 χ^2/NDF : 170.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

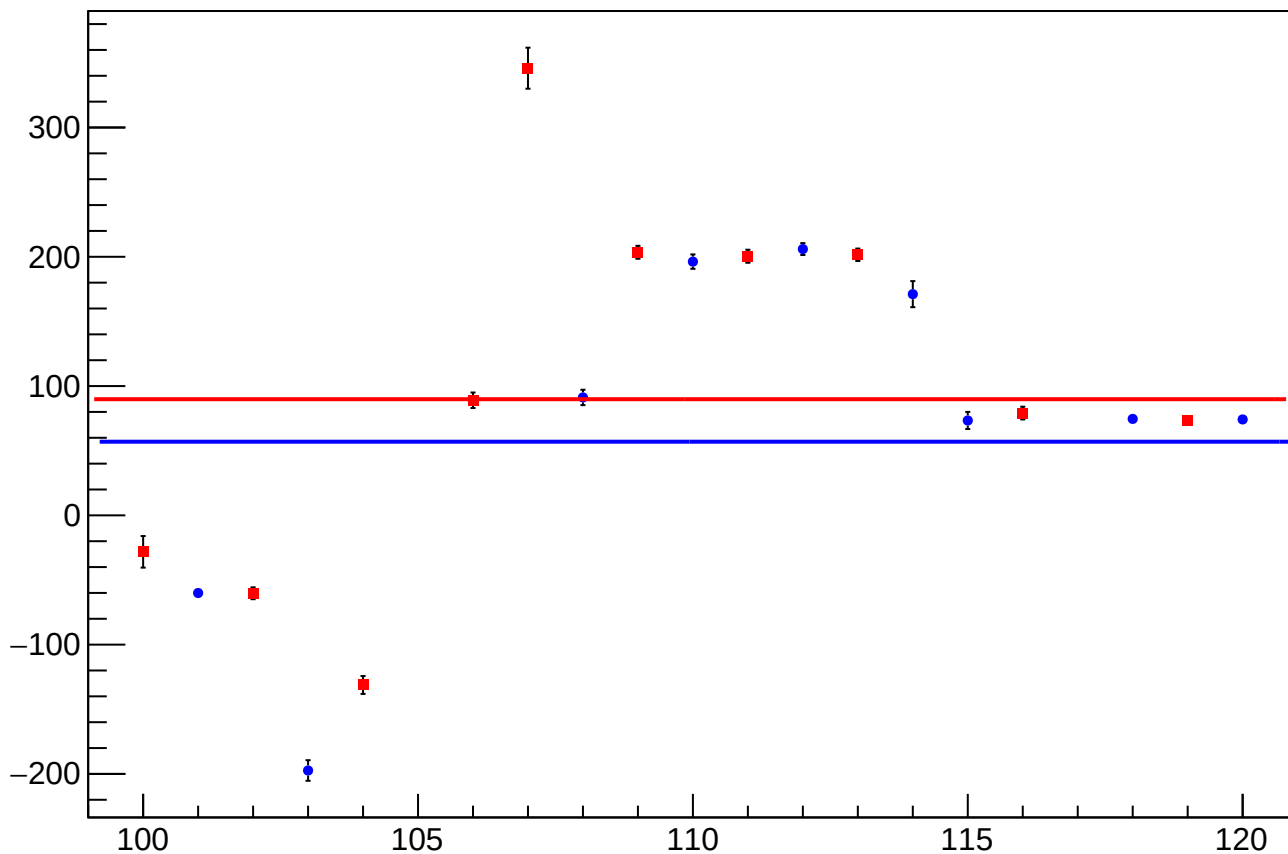
Right: 13.900+/-0.937 χ^2/NDF : 431.2/18

In: 13.426+/-1.234 χ^2/NDF : 260.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.900+/-0.937 χ^2/NDF : 431.2/18

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 56.970+/-1.536 χ^2/NDF : 4412.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.839+/-1.628 χ^2/NDF : 4020.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

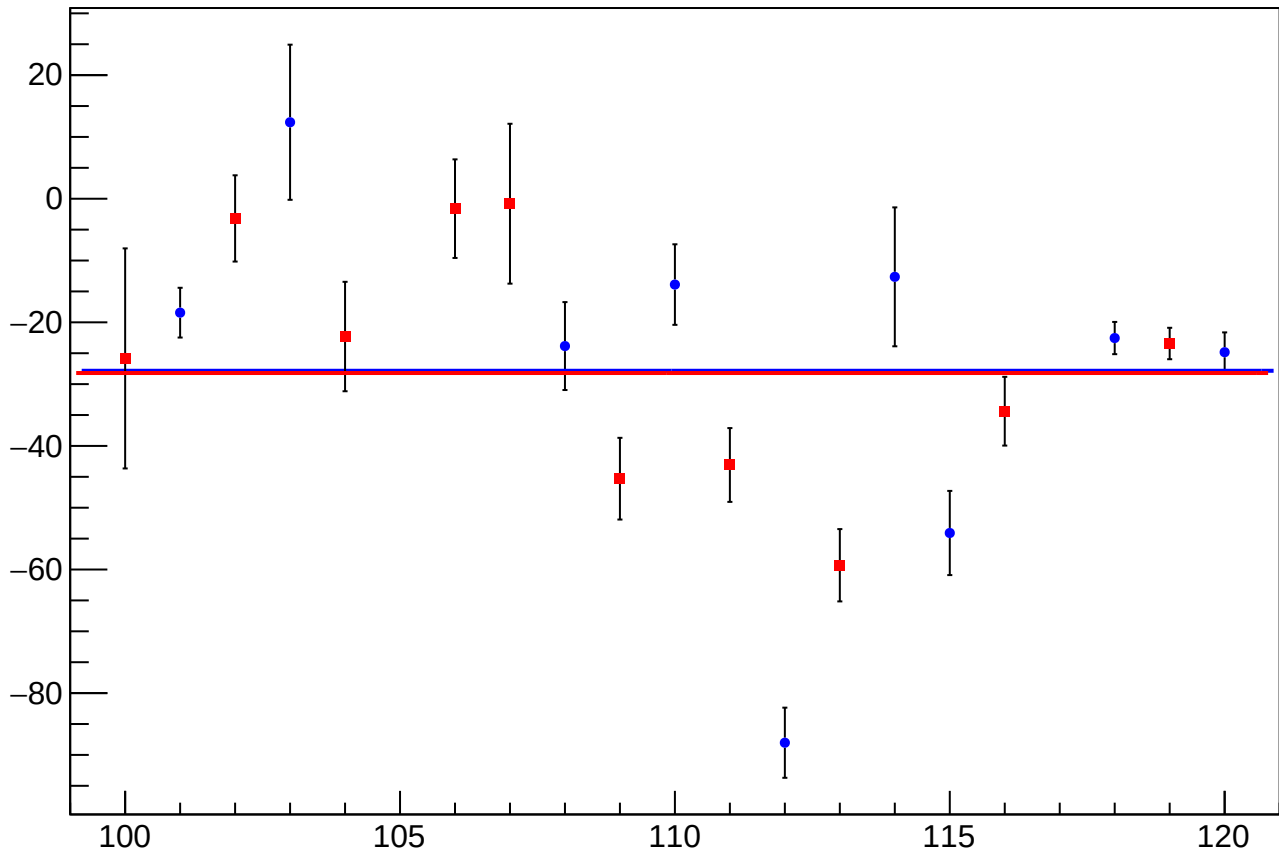
Right: 72.443+/-1.117 χ^2/NDF : 8648.7/18

In: 56.970+/-1.536 χ^2/NDF : 4412.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.443+/-1.117 χ^2/NDF : 8648.7/18

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -27.839+/-1.550 χ^2/NDF : 154.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -28.203+/-1.754 χ^2/NDF : 74.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

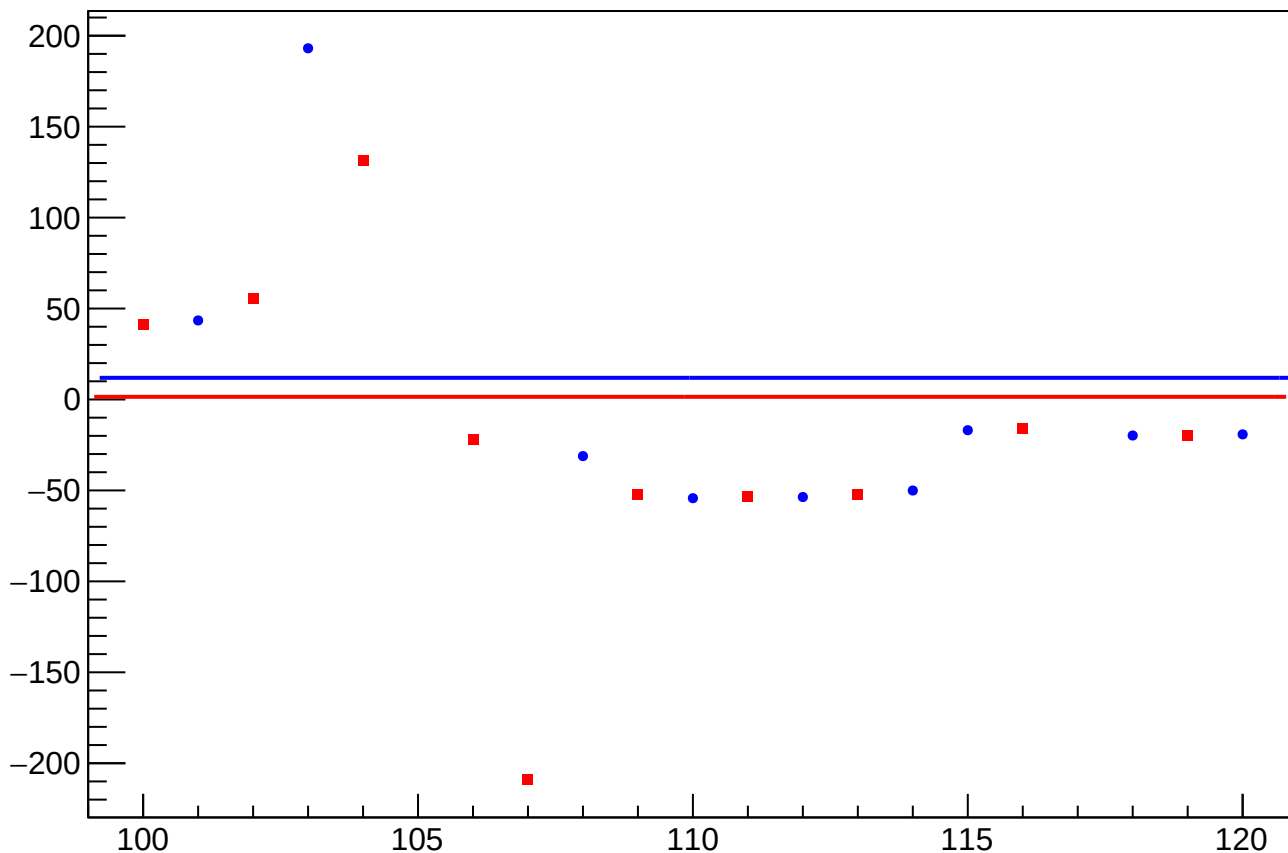
Right: -27.999+/-1.161 χ^2/NDF : 229.6/18

In: -27.839+/-1.550 χ^2/NDF : 154.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.999+/-1.161 χ^2/NDF : 229.6/18

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 11.906+/-0.100 χ^2/NDF : 442043.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.460+/-0.102 χ^2/NDF : 410600.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

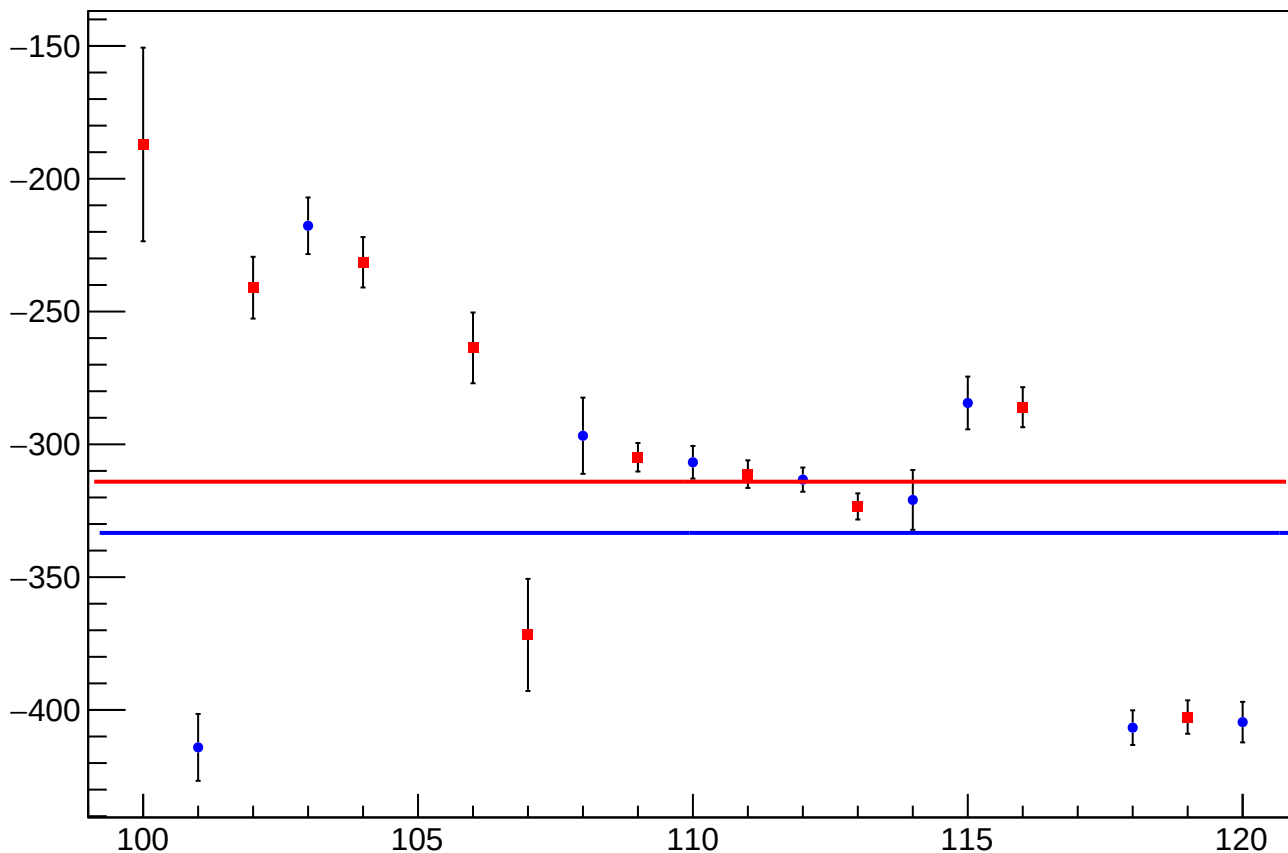
Right: 6.784+/-0.071 χ^2/NDF : 858026.8/18

In: 11.906+/-0.100 χ^2/NDF : 442043.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.784+/-0.071 χ^2/NDF : 858026.8/18

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -333.340+/-2.554 χ^2 /NDF: 442.7/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -314.060+/-2.338 χ^2 /NDF: 368.3/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

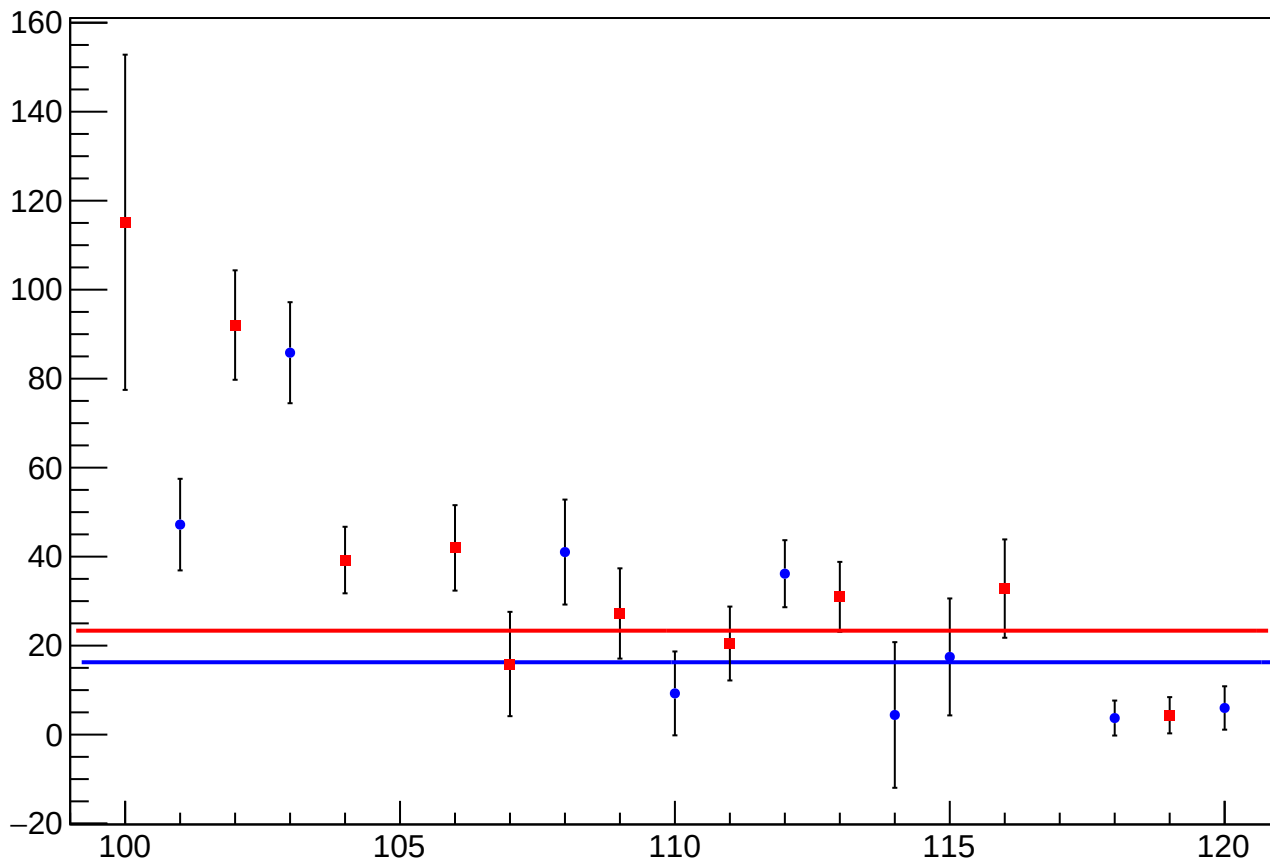
Right: -322.852+/-1.724 χ^2 /NDF: 842.1/18

In: -333.340+/-2.554 χ^2 /NDF:442.7/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -322.852+/-1.724 χ^2 /NDF: 842.1/18

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.264+/-2.429 χ^2/NDF : 73.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.358+/-2.563 χ^2/NDF : 69.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

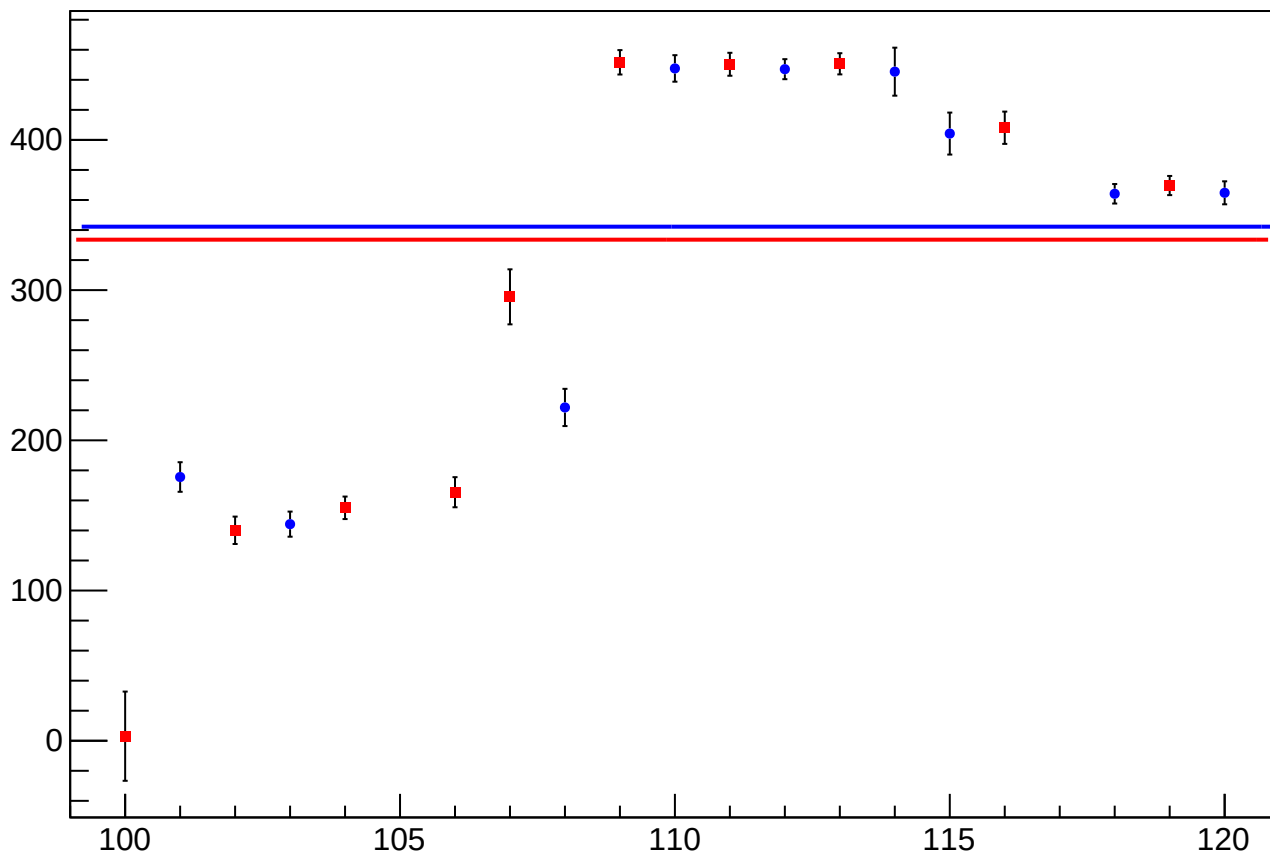
Right: 19.620+/-1.763 χ^2/NDF : 147.2/18

In: 16.264+/-2.429 χ^2/NDF : 73.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.620+/-1.763 χ^2/NDF : 147.2/18

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 342.241+/-2.932 χ^2/NDF : 1413.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 333.586+/-2.778 χ^2/NDF : 2228.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

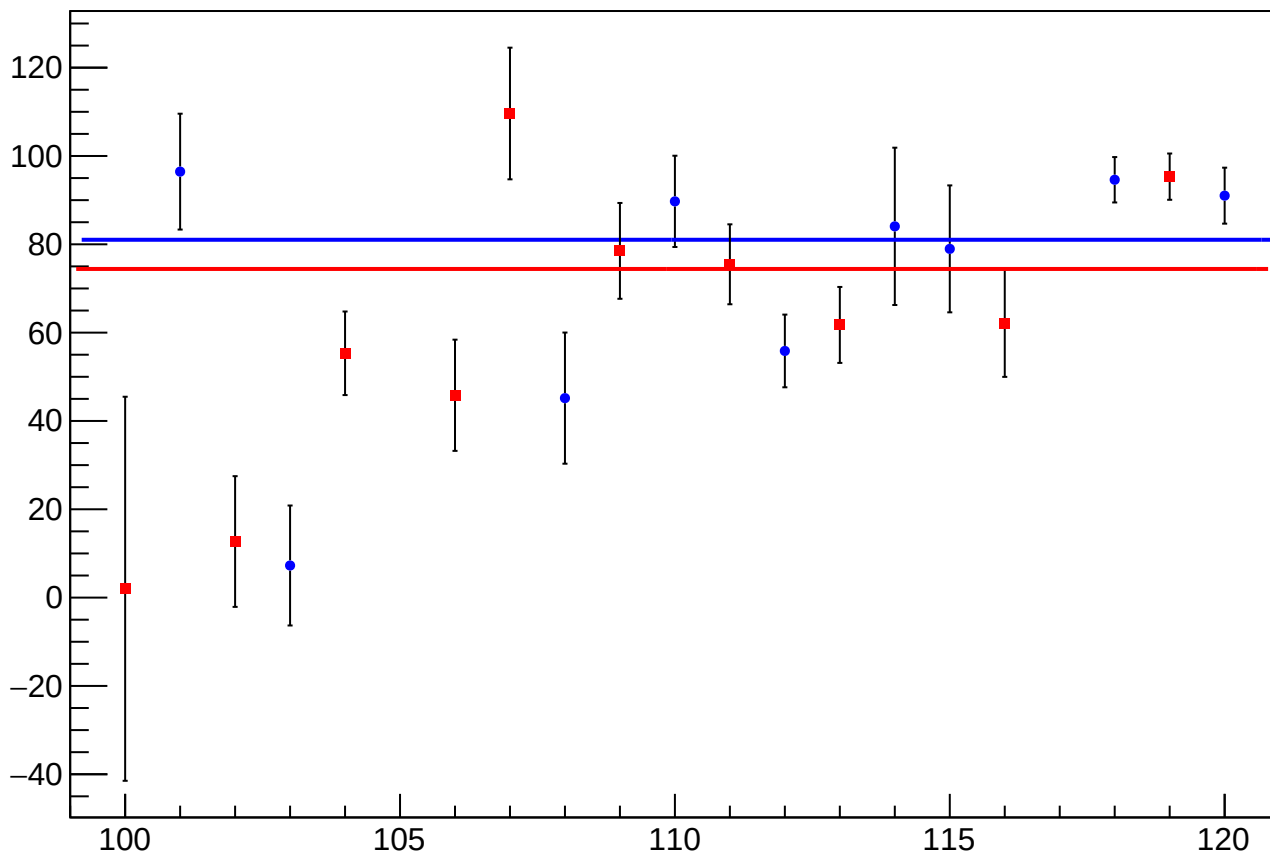
Right: 337.680+/-2.017 χ^2/NDF : 3646.6/18

In: 342.241+/-2.932 χ^2/NDF : 1413.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 337.680+/-2.017 χ^2/NDF : 3646.6/18

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 81.027+/-3.006 χ^2/NDF : 56.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.418+/-3.094 χ^2/NDF : 54.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

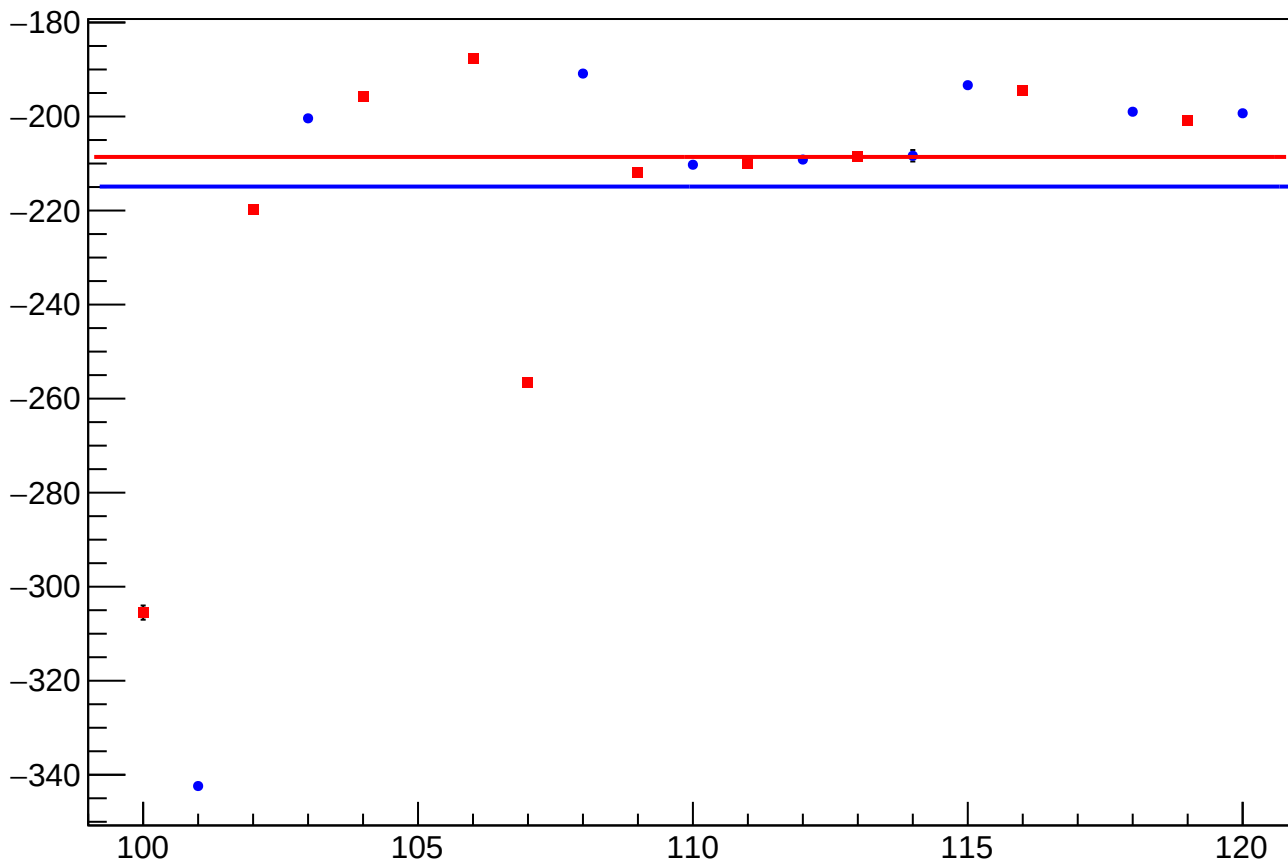
Right: 77.817+/-2.156 χ^2/NDF : 112.9/18

In: 81.027+/-3.006 χ^2/NDF : 56.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.817+/-2.156 χ^2/NDF : 112.9/18

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -214.900+/-0.187 χ^2 /NDF: 53151.6/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -208.598+/-0.172 χ^2 /NDF: 12327.7/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

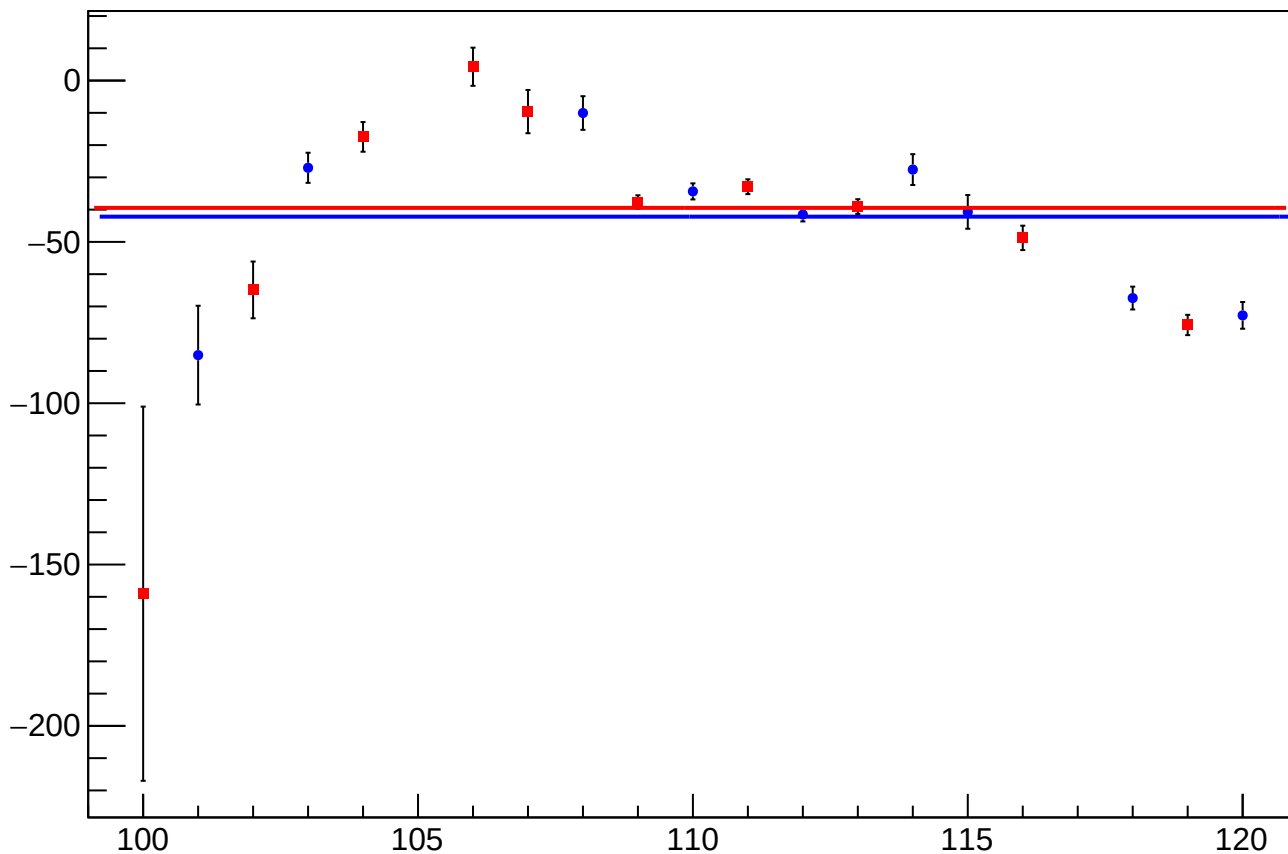
Right: -211.478+/-0.126 χ^2 /NDF: 66095.5/18

In: -214.900+/-0.187 χ^2 /NDF:53151.6/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -211.478+/-0.126 χ^2 /NDF: 66095.5/18

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -42.177 ± 1.209 χ^2/NDF : 181.1/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -39.452 ± 1.059 χ^2/NDF : 258.3/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

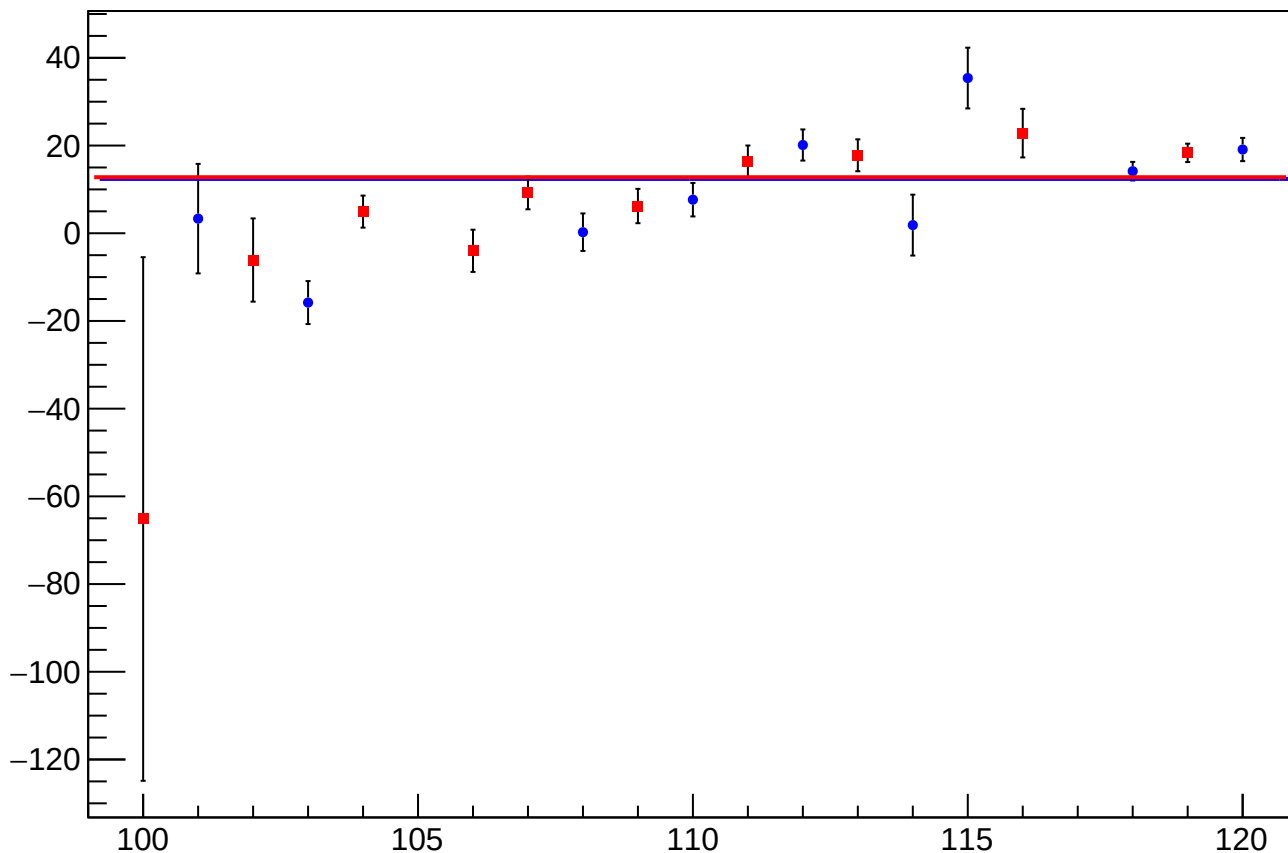
Right: -40.635 ± 0.797 χ^2/NDF : 442.3/18

In: -42.177 ± 1.209 χ^2/NDF : 181.1/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -40.635 ± 0.797 χ^2/NDF : 442.3/18

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.389+/-1.234 χ^2 /NDF: 68.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 12.777+/-1.216 χ^2 /NDF: 39.3/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

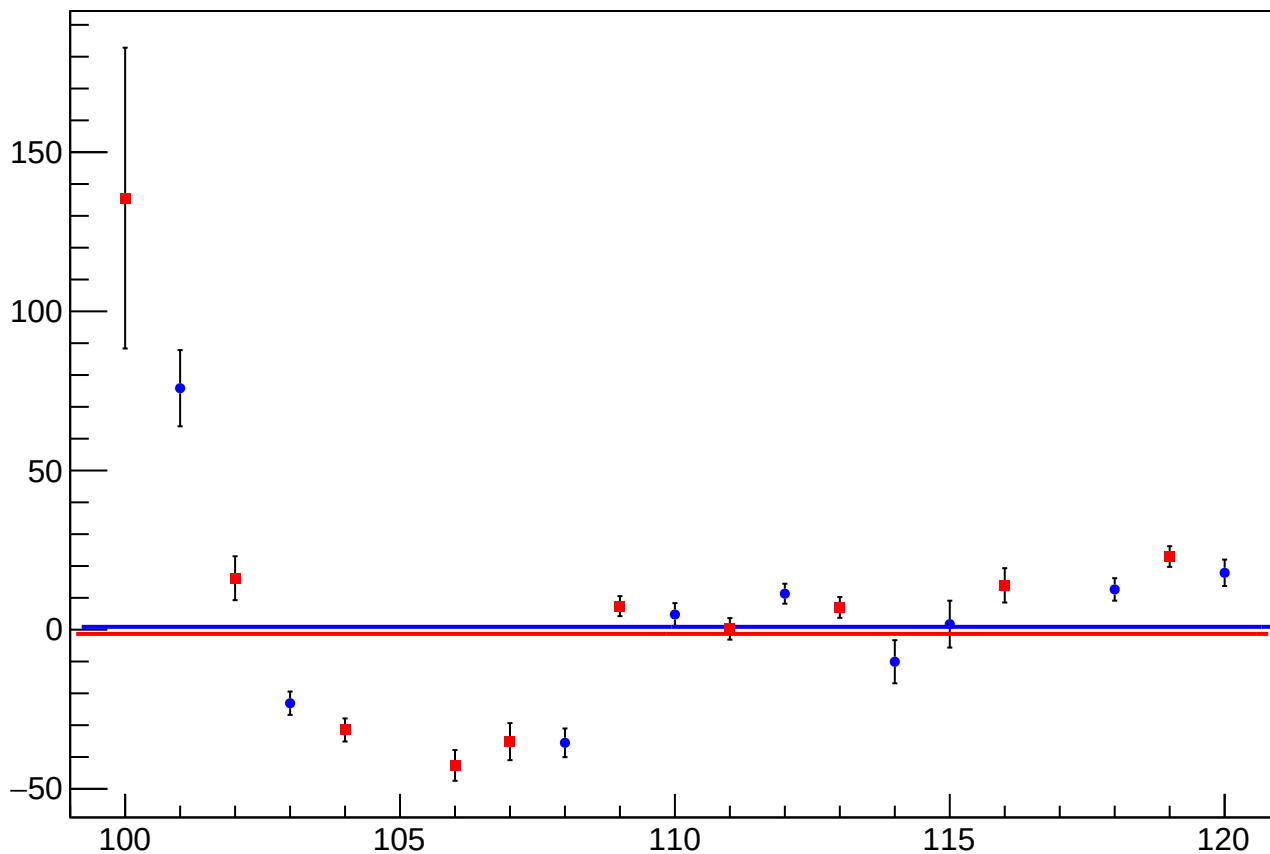
Right: 12.586+/-0.866 χ^2 /NDF: 107.7/18

In: 12.389+/-1.234 χ^2 /NDF:68.4/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 12.586+/-0.866 χ^2 /NDF: 107.7/18

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.894+/-1.430 χ^2/NDF : 190.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.318+/-1.311 χ^2/NDF : 269.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

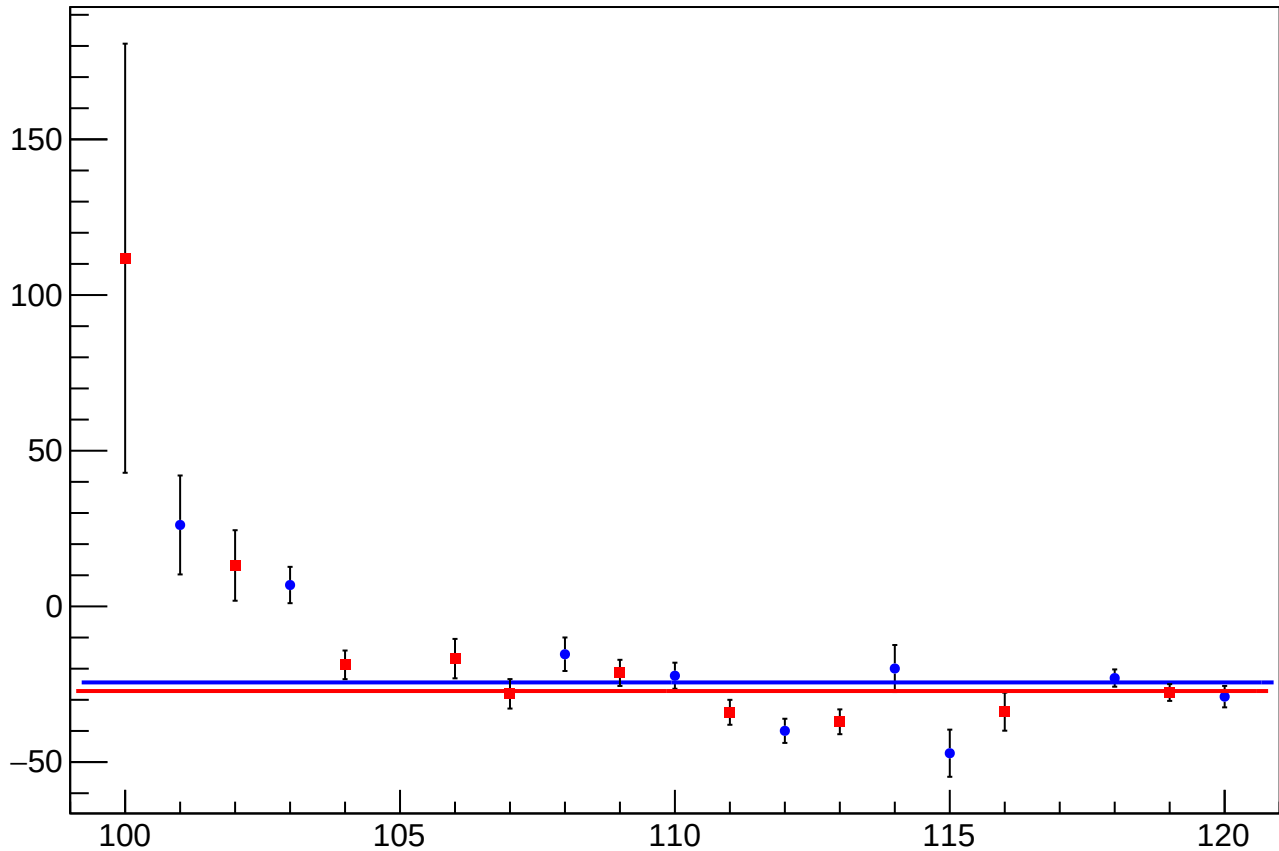
Right: -0.308+/-0.966 χ^2/NDF : 461.1/18

In: 0.894+/-1.430 χ^2/NDF : 190.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.308+/-0.966 χ^2/NDF : 461.1/18

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -24.412 $\pm$ 1.506 χ^2 /NDF: 69.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -27.180 $\pm$ 1.456 χ^2 /NDF: 35.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

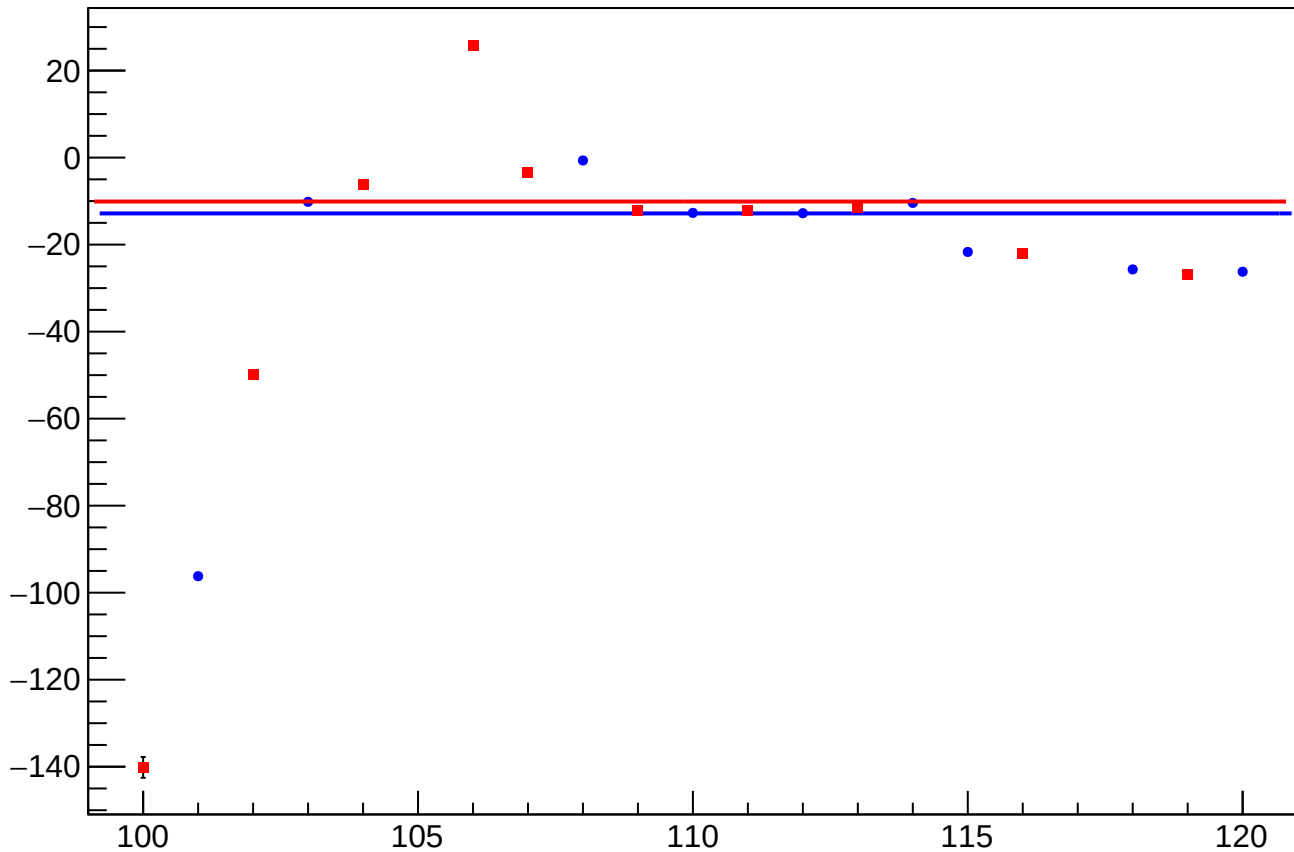
Right: -25.843 $\pm$ 1.047 χ^2 /NDF: 106.2/18

In: -24.412 $\pm$ 1.506 χ^2 /NDF:69.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -25.843 $\pm$ 1.047 χ^2 /NDF: 106.2/18

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -12.831+/-0.087 χ^2/NDF : 22694.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.097+/-0.081 χ^2/NDF : 51479.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

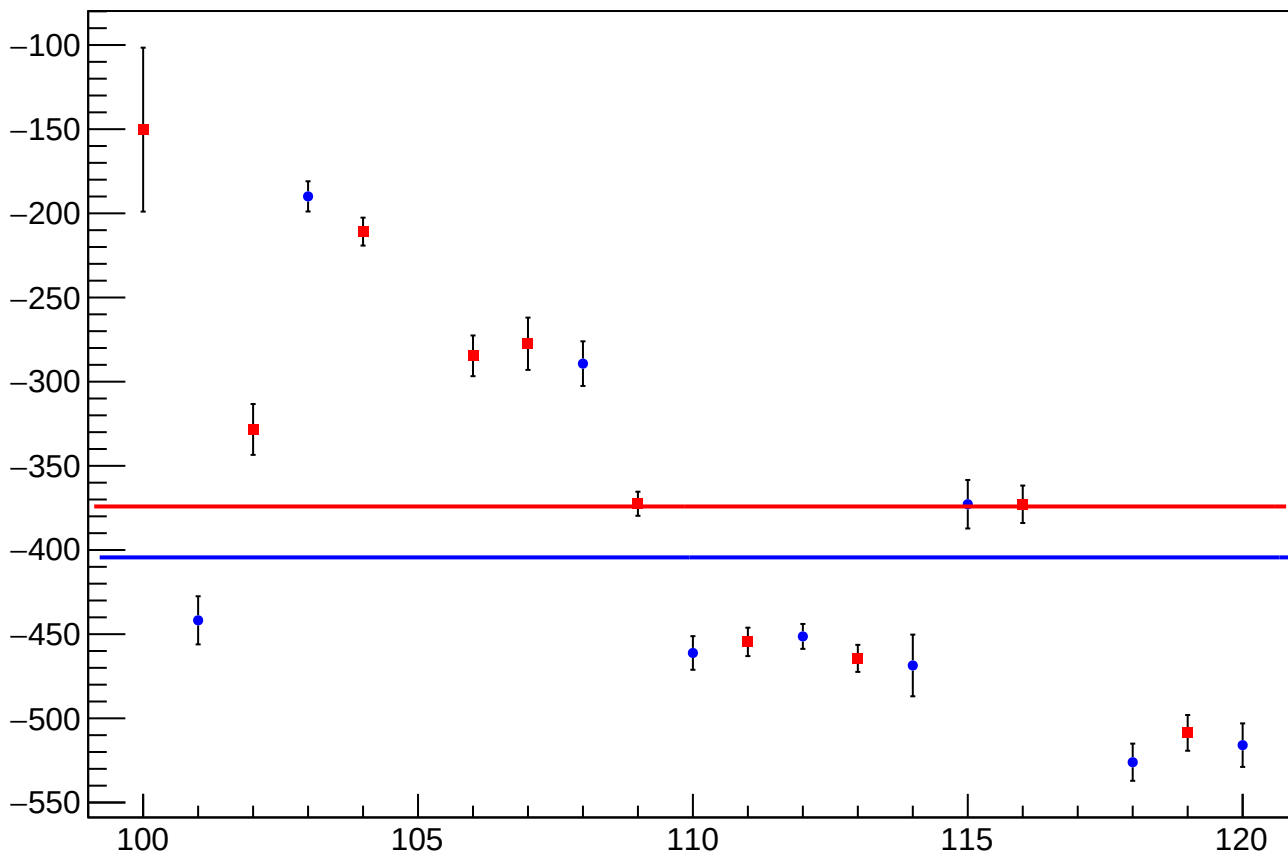
Right: -11.364+/-0.059 χ^2/NDF : 74703.2/18

In: -12.831+/-0.087 χ^2/NDF : 22694.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.364+/-0.059 χ^2/NDF : 74703.2/18

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -404.392+/-3.694 χ^2/NDF : 938.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -374.142+/-3.222 χ^2/NDF : 889.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

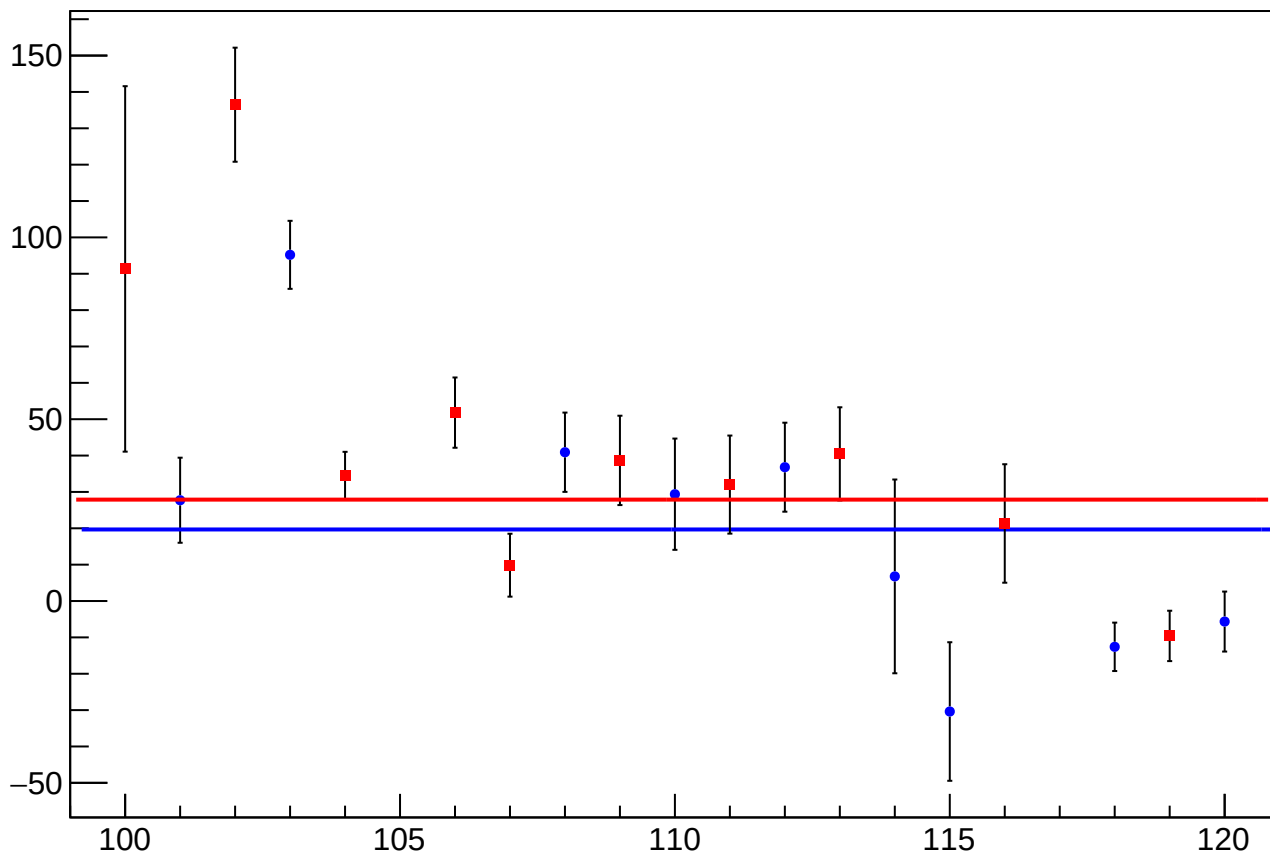
Right: -387.210+/-2.428 χ^2/NDF : 1865.5/18

In: -404.392+/-3.694 χ^2/NDF : 938.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -387.210+/-2.428 χ^2/NDF : 1865.5/18

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.678+/-3.546 χ^2/NDF : 111.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.886+/-3.250 χ^2/NDF : 92.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

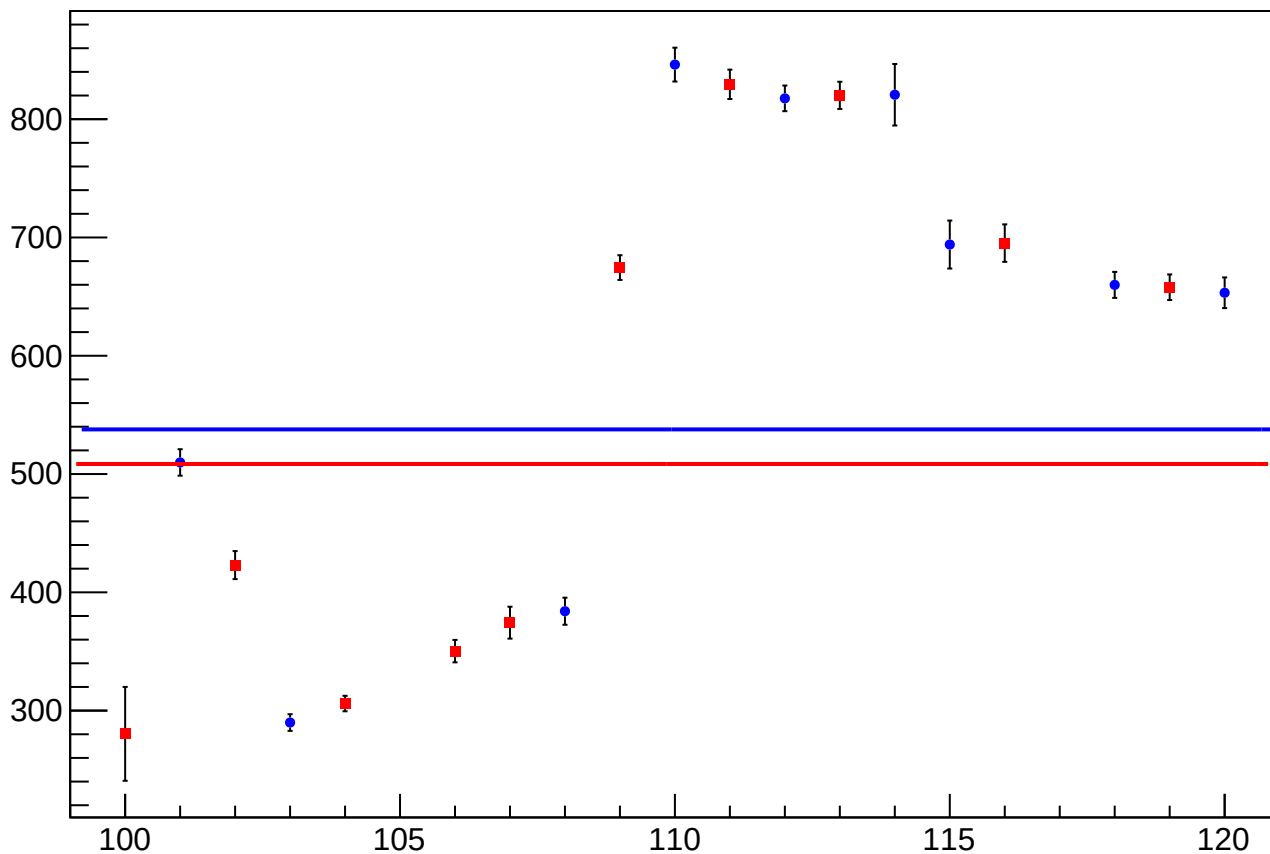
Right: 24.139+/-2.396 χ^2/NDF : 207.1/18

In: 19.678+/-3.546 χ^2/NDF : 111.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.139+/-2.396 χ^2/NDF : 207.1/18

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 537.736+/-3.855 χ^2/NDF : 2936.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 508.505+/-3.461 χ^2/NDF : 3406.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

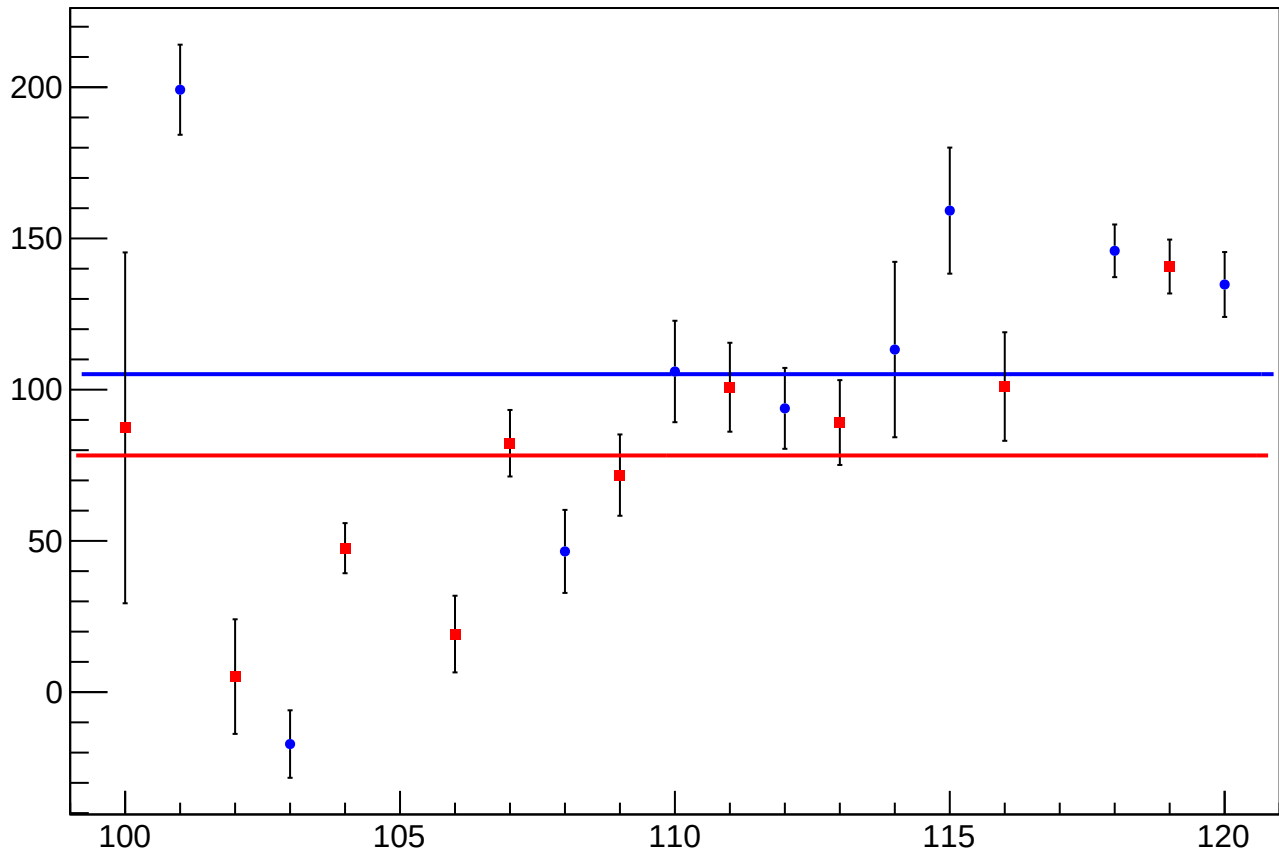
Right: 521.551+/-2.575 χ^2/NDF : 6374.6/18

In: 537.736+/-3.855 χ^2/NDF : 2936.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 521.551+/-2.575 χ^2/NDF : 6374.6/18

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 105.125+/-4.370 χ^2/NDF : 215.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.248+/-3.981 χ^2/NDF : 104.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

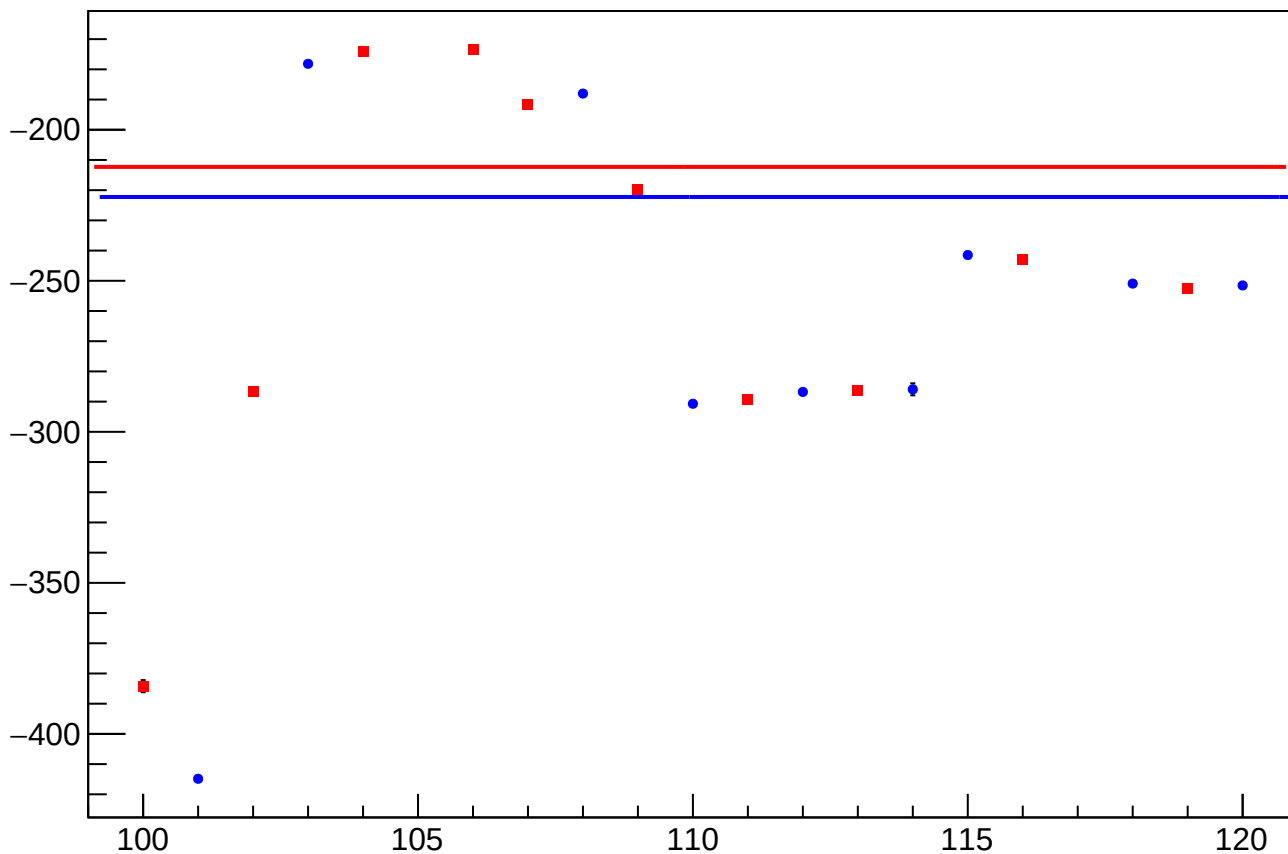
Right: 90.438+/-2.943 χ^2/NDF : 340.4/18

In: 105.125+/-4.370 χ^2/NDF : 215.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.438+/-2.943 χ^2/NDF : 340.4/18

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -222.253+/-0.207 χ^2/NDF : 123165.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -212.294+/-0.191 χ^2/NDF : 66315.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

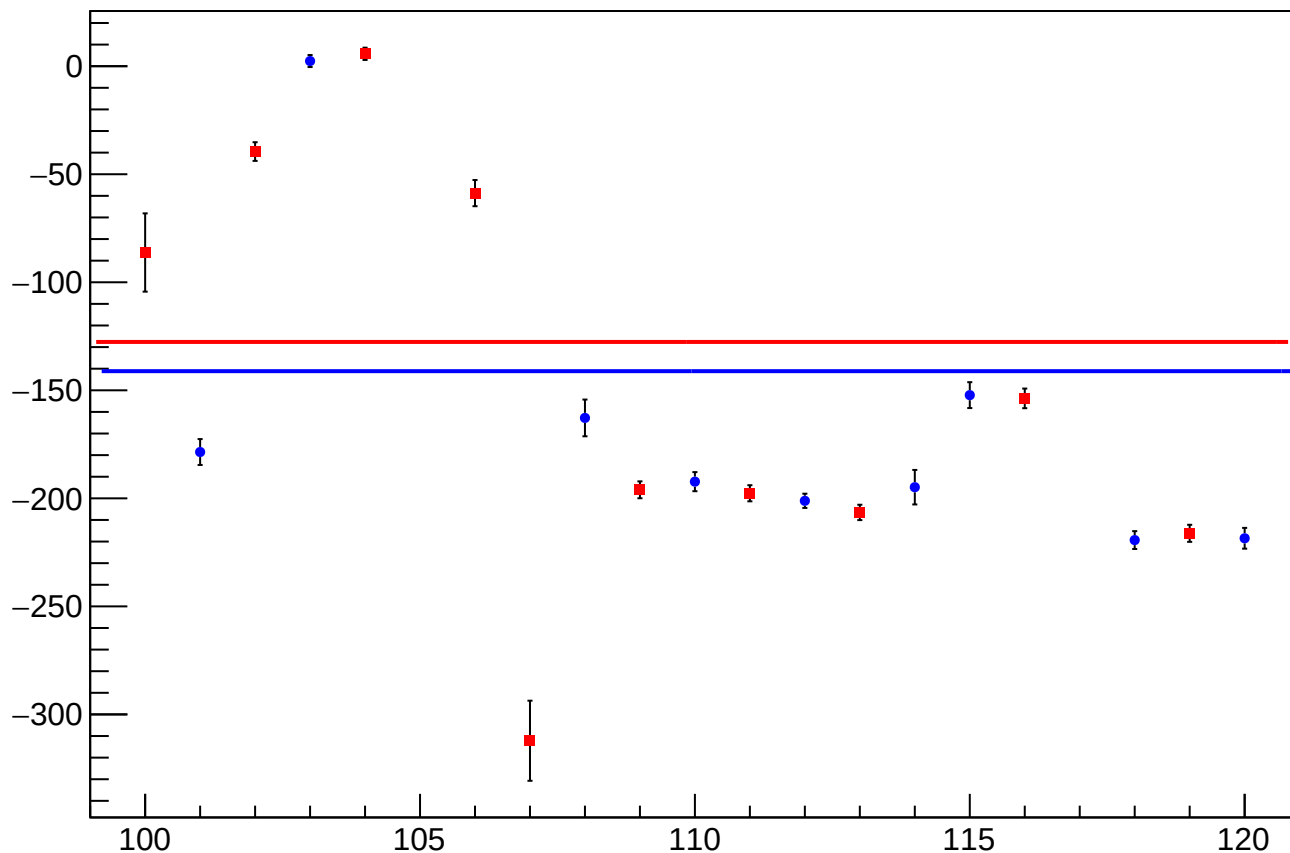
Right: -216.867+/-0.140 χ^2/NDF : 190733.1/18

In: -222.253+/-0.207 χ^2/NDF : 123165.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -216.867+/-0.140 χ^2/NDF : 190733.1/18

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -141.141+/-1.474 χ^2 /NDF: 3844.1/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -127.616+/-1.361 χ^2 /NDF: 4544.6/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

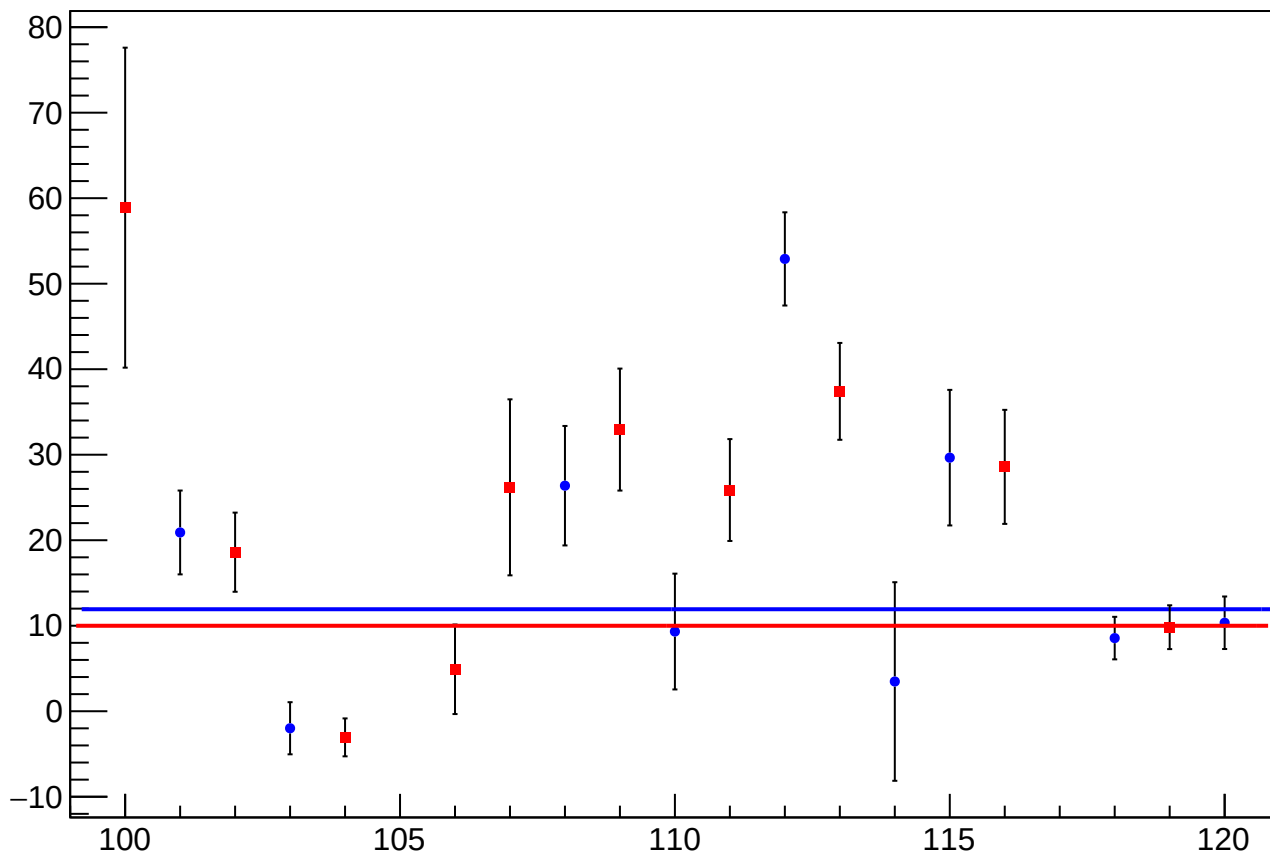
Right: -133.837+/-1.000 χ^2 /NDF: 8434.2/18

In: -141.141+/-1.474 χ^2 /NDF:3844.1/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -133.837+/-1.000 χ^2 /NDF: 8434.2/18

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.928+/-1.392 χ^2/NDF : 92.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.995+/-1.345 χ^2/NDF : 97.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

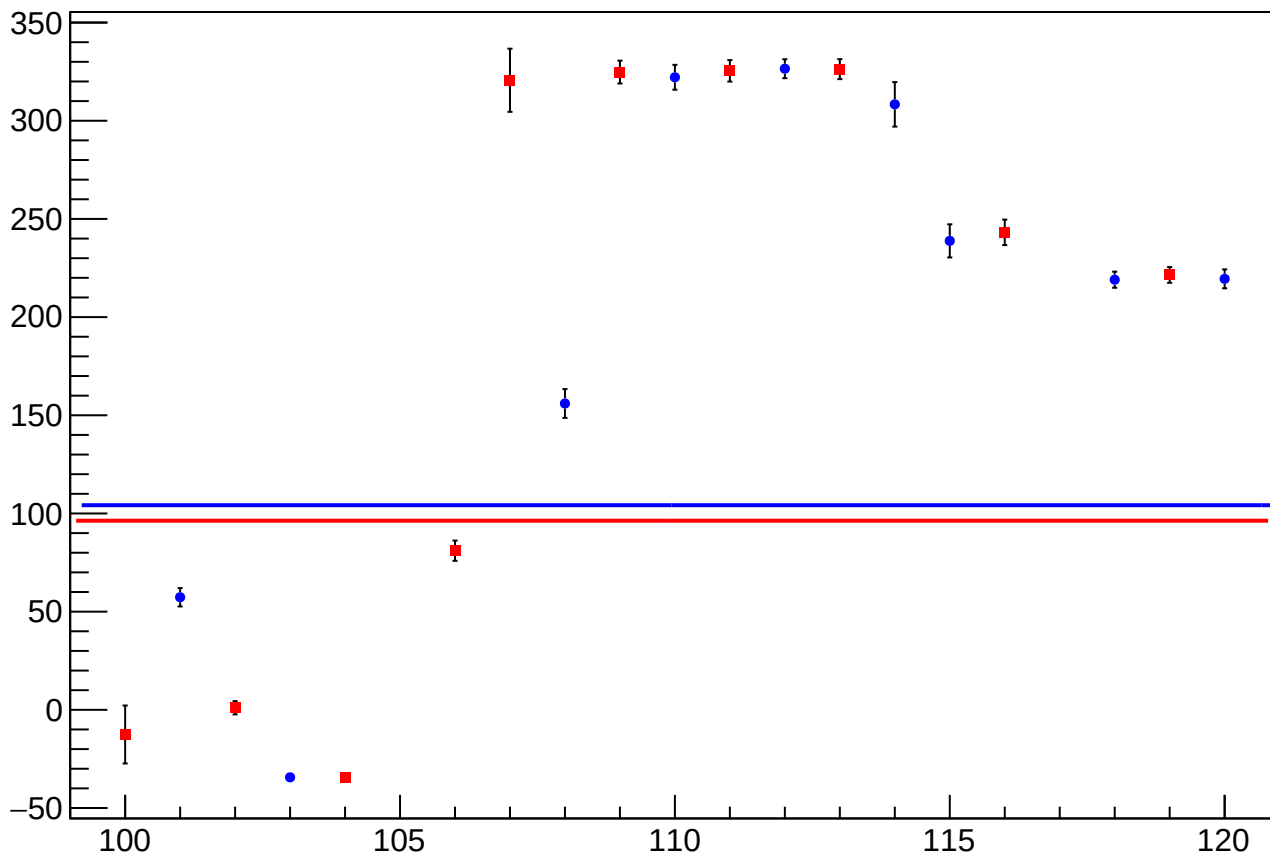
Right: 10.929+/-0.967 χ^2/NDF : 190.7/18

In: 11.928+/-1.392 χ^2/NDF : 92.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.929+/-0.967 χ^2/NDF : 190.7/18

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 104.207+/-1.465 χ^2/NDF : 9416.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.314+/-1.387 χ^2/NDF : 11277.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

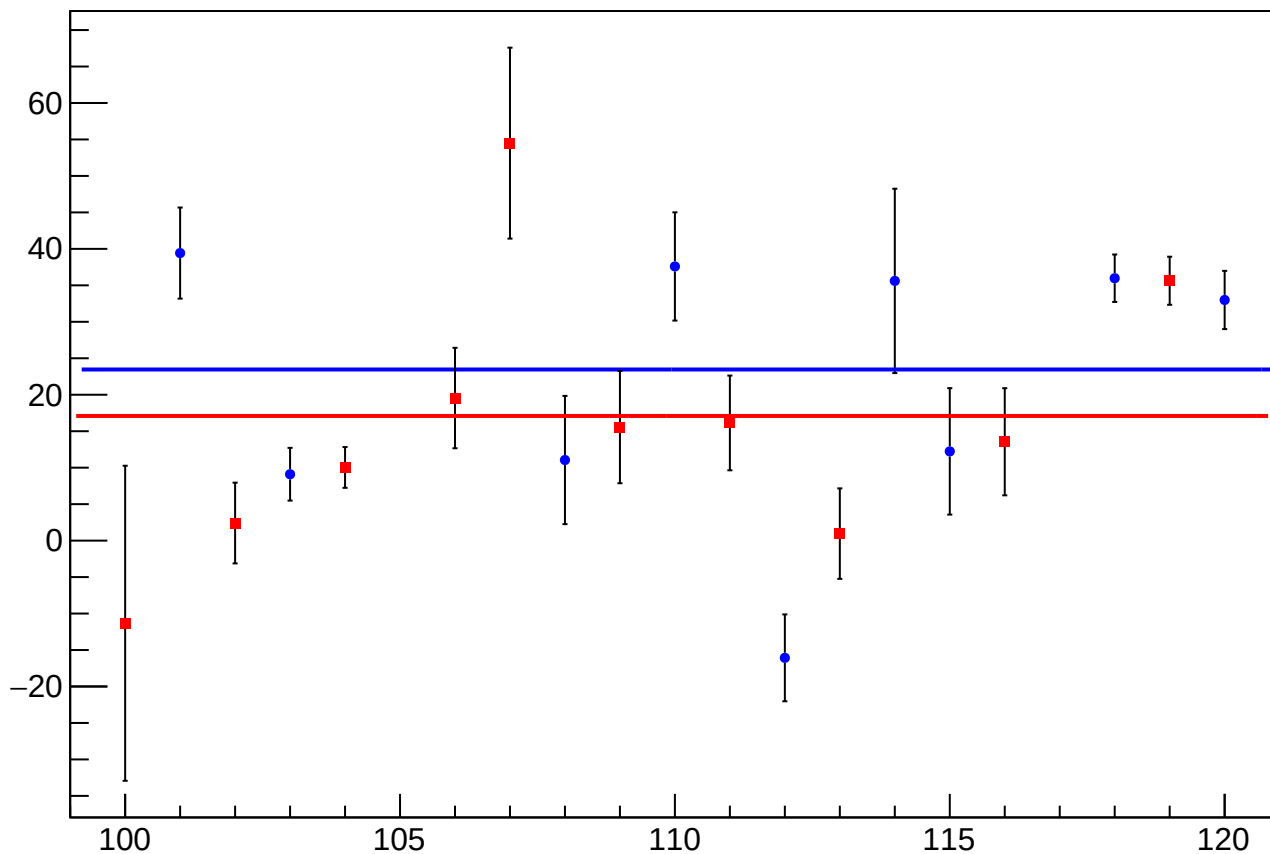
Right: 100.044+/-1.007 χ^2/NDF : 20708.3/18

In: 104.207+/-1.465 χ^2/NDF : 9416.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.044+/-1.007 χ^2/NDF : 20708.3/18

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.461+/-1.719 χ^2/NDF : 95.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.092+/-1.651 χ^2/NDF : 62.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

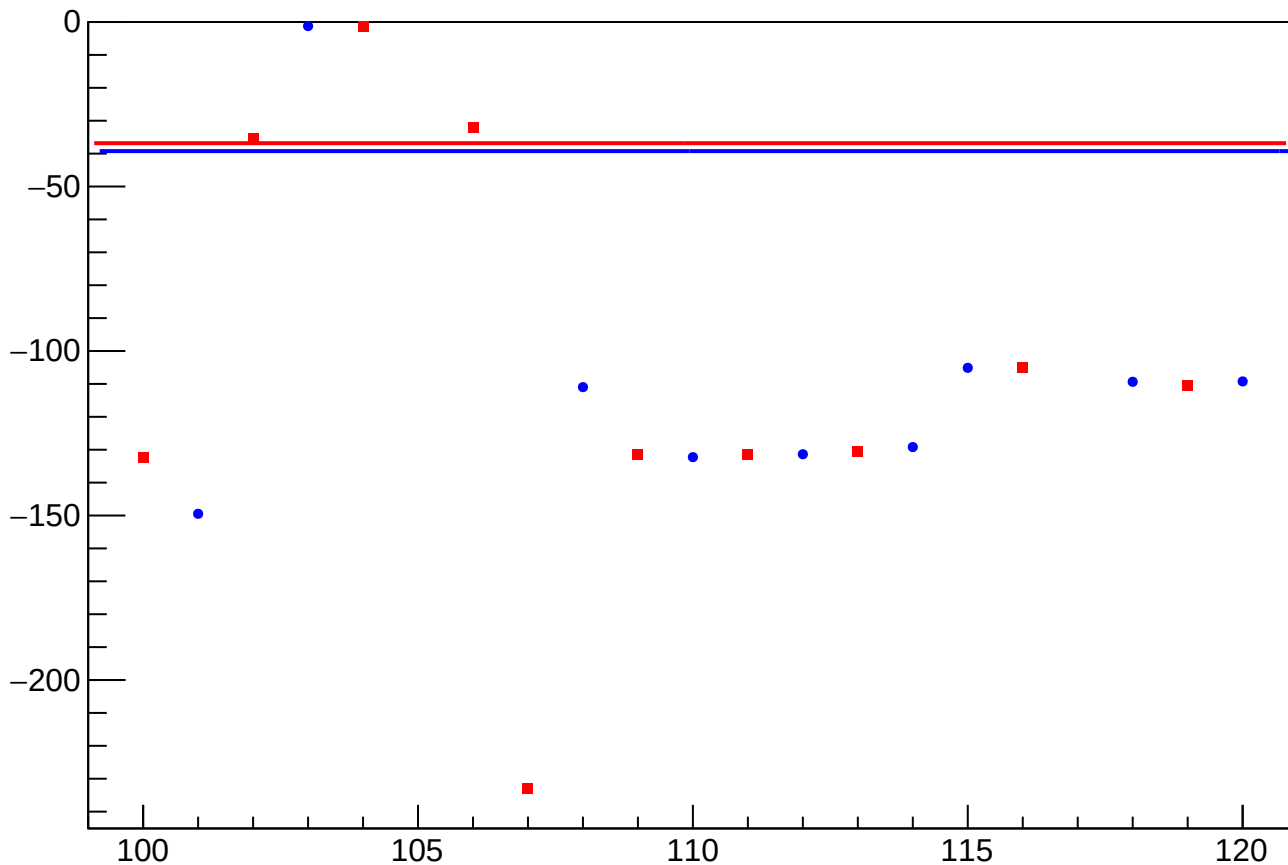
Right: 20.147+/-1.191 χ^2/NDF : 164.4/18

In: 23.461+/-1.719 χ^2/NDF : 95.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.147+/-1.191 χ^2/NDF : 164.4/18

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.241+/-0.075 χ^2/NDF : 581209.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -36.830+/-0.071 χ^2/NDF : 451065.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

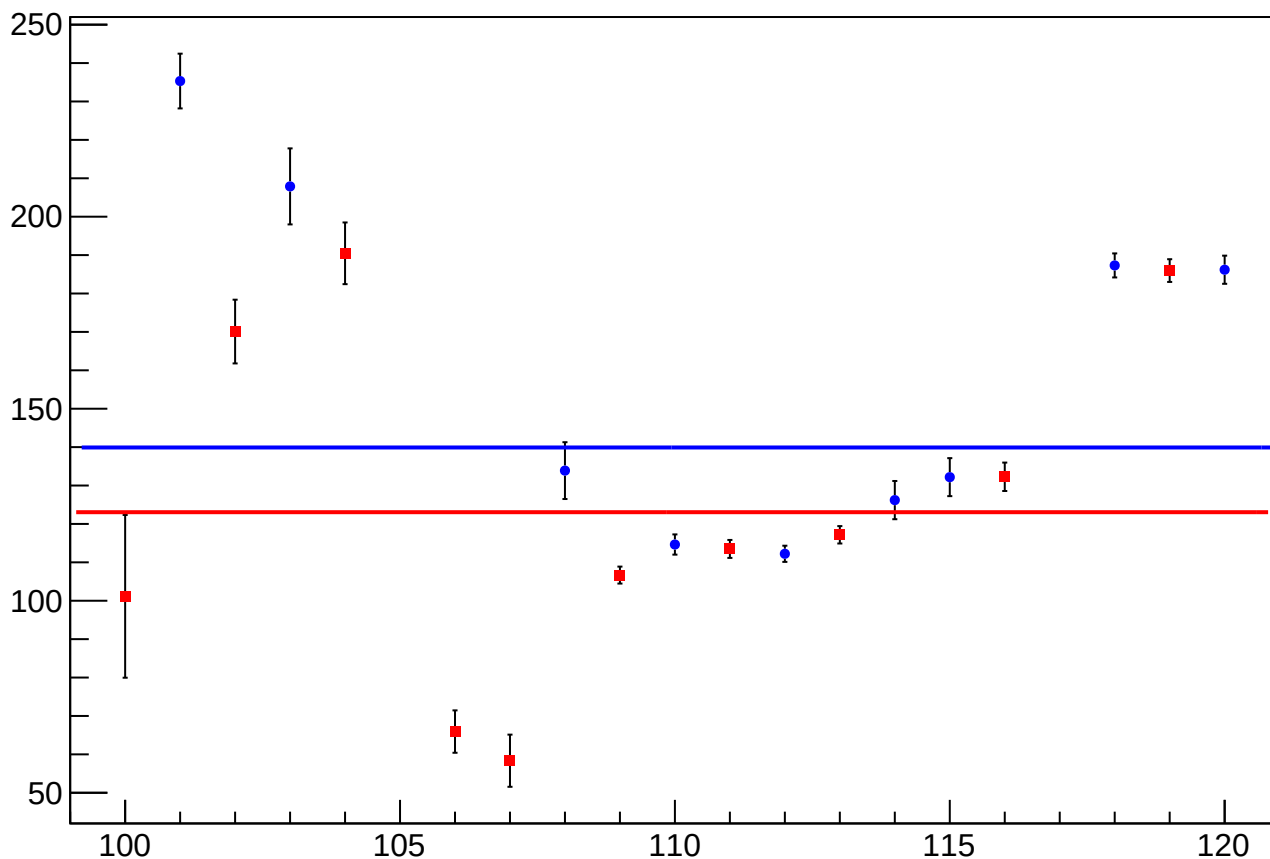
Right: -37.966+/-0.052 χ^2/NDF : 1032818.1/18

In: -39.241+/-0.075 χ^2/NDF :581209.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -37.966+/-0.052 χ^2/NDF : 1032818.1/18

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 139.907 $\pm$ 1.217 χ^2 /NDF: 890.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 123.056 $\pm$ 1.080 χ^2 /NDF: 838.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

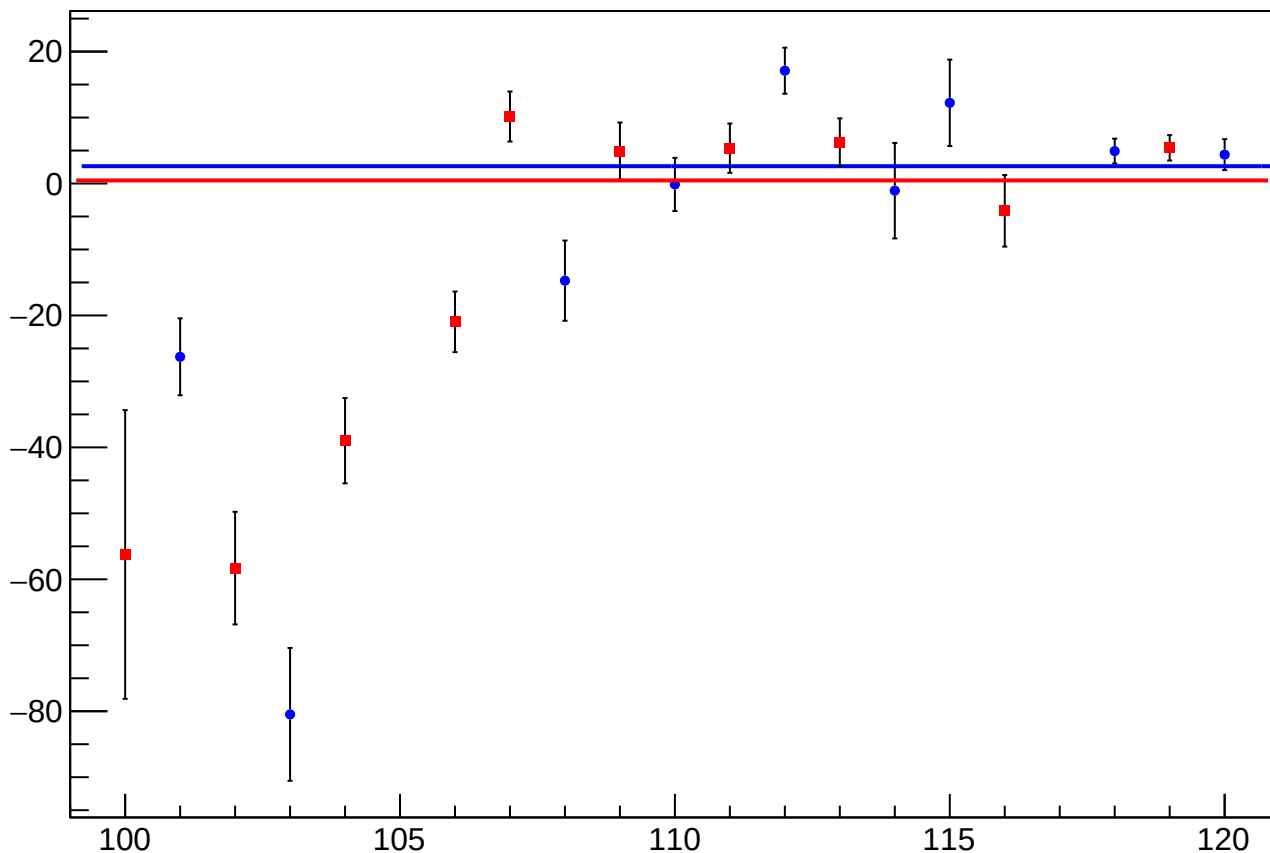
Right: 130.483 $\pm$ 0.808 χ^2 /NDF: 1836.3/18

In: 139.907 $\pm$ 1.217 χ^2 /NDF:890.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 130.483 $\pm$ 0.808 χ^2 /NDF: 1836.3/18

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.623+/-1.182 χ^2/NDF : 122.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.464+/-1.229 χ^2/NDF : 132.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

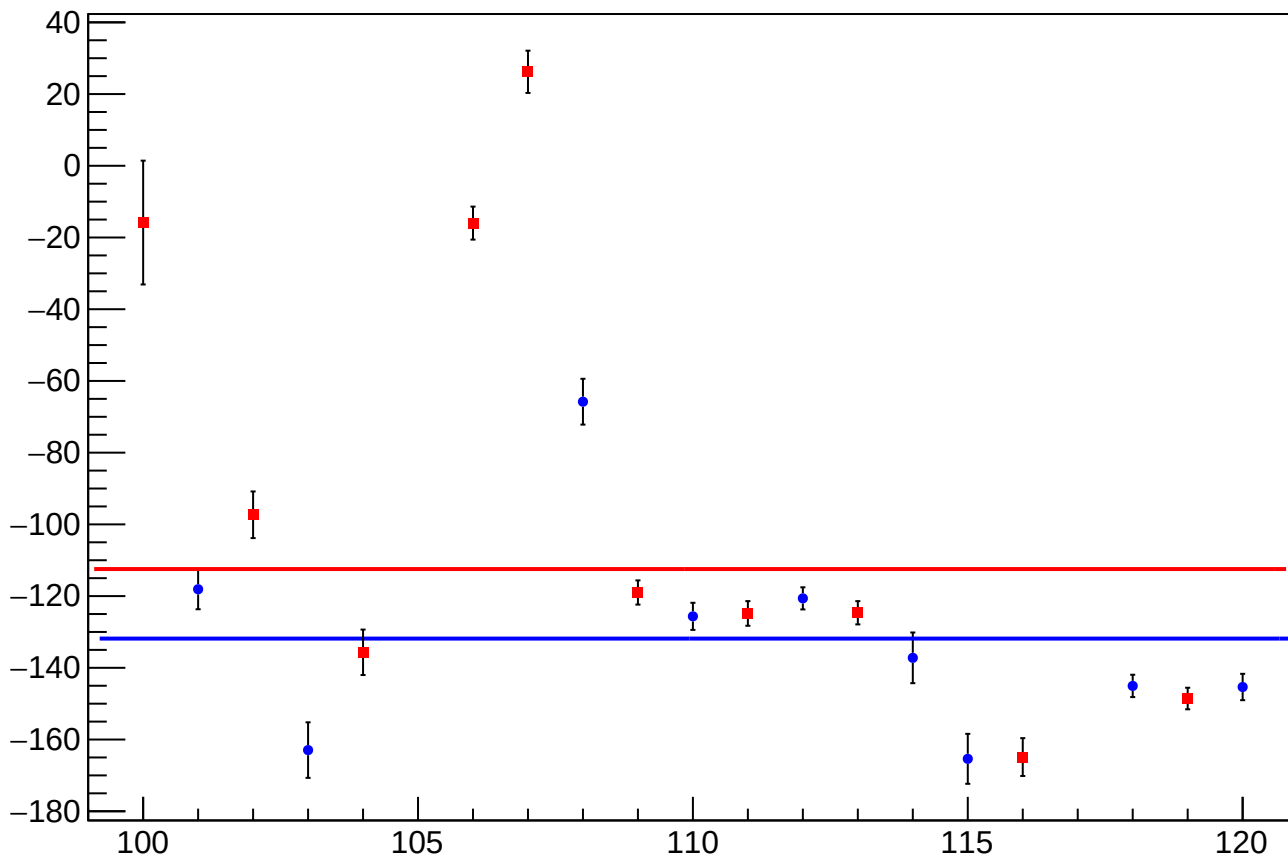
Right: 1.586+/-0.852 χ^2/NDF : 256.9/18

In: 2.623+/-1.182 χ^2/NDF :122.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.586+/-0.852 χ^2/NDF : 256.9/18

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -131.847+/-1.465 χ^2/NDF : 200.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -112.458+/-1.358 χ^2/NDF : 1317.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

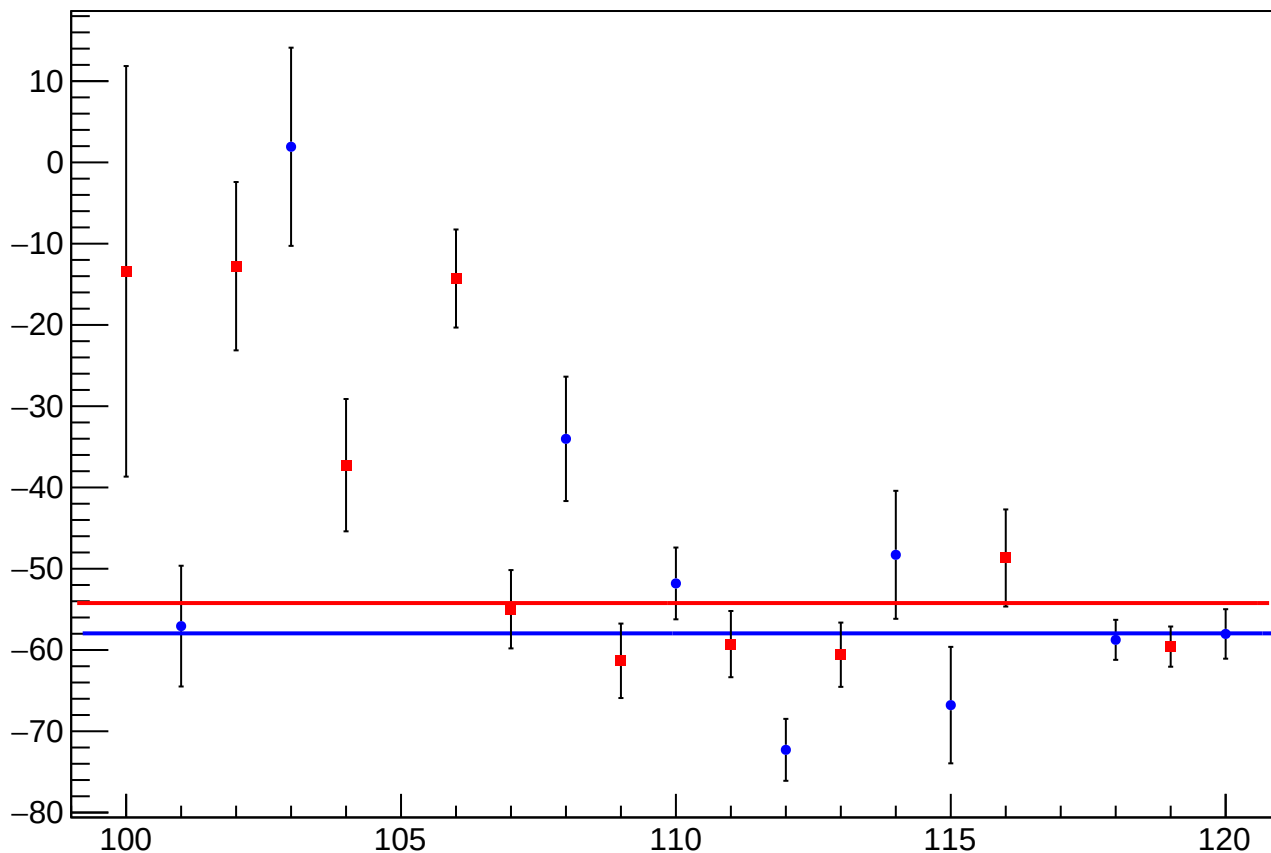
Right: -121.424+/-0.996 χ^2/NDF : 1611.9/18

In: -131.847+/-1.465 χ^2/NDF : 200.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -121.424+/-0.996 χ^2/NDF : 1611.9/18

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -57.952+/-1.458 χ^2/NDF : 53.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -54.223+/-1.475 χ^2/NDF : 78.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

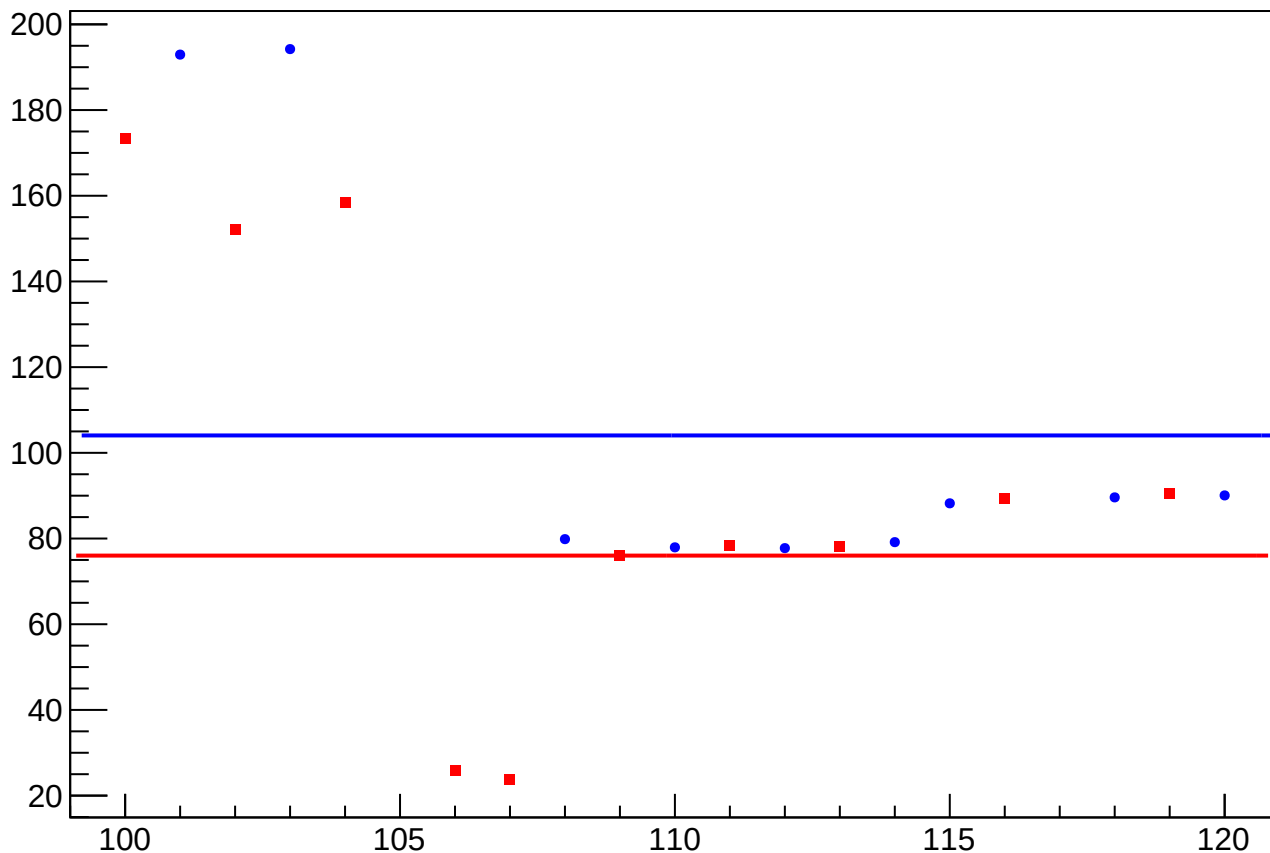
Right: -56.109+/-1.037 χ^2/NDF : 135.2/18

In: -57.952+/-1.458 χ^2/NDF :53.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -56.109+/-1.037 χ^2/NDF : 135.2/18

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 104.058+/-0.102 χ^2/NDF : 181457.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.016+/-0.085 χ^2/NDF : 278571.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

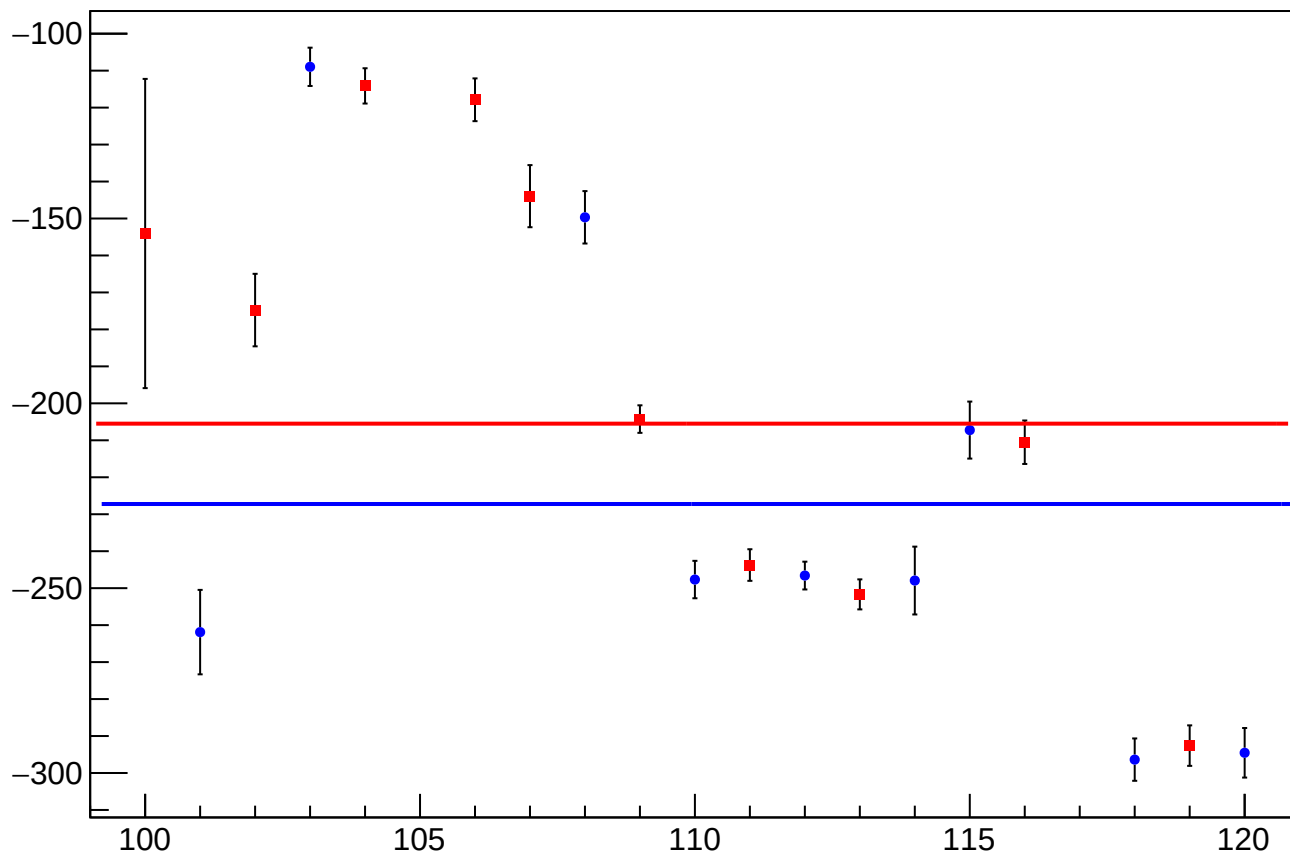
Right: 87.469+/-0.065 χ^2/NDF : 504588.5/18

In: 104.058+/-0.102 χ^2/NDF : 181457.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.469+/-0.065 χ^2/NDF : 504588.5/18

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -227.235+/-1.976 χ^2 /NDF: 951.0/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -205.498+/-1.694 χ^2 /NDF: 1124.0/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

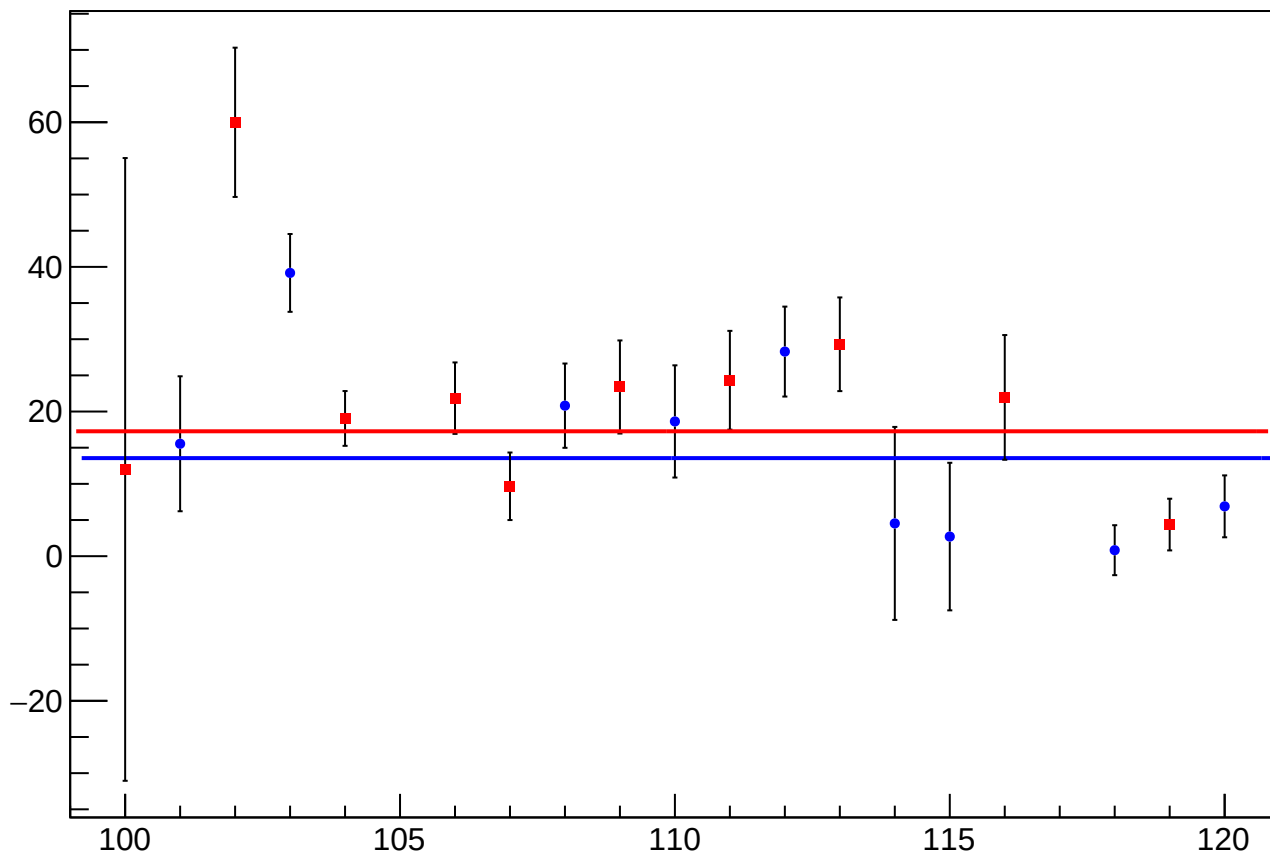
Right: -214.702+/-1.286 χ^2 /NDF: 2144.7/18

In: -227.235+/-1.976 χ^2 /NDF:951.0/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -214.702+/-1.286 χ^2 /NDF: 2144.7/18

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.560+/-1.919 χ^2/NDF : 47.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.269+/-1.747 χ^2/NDF : 39.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

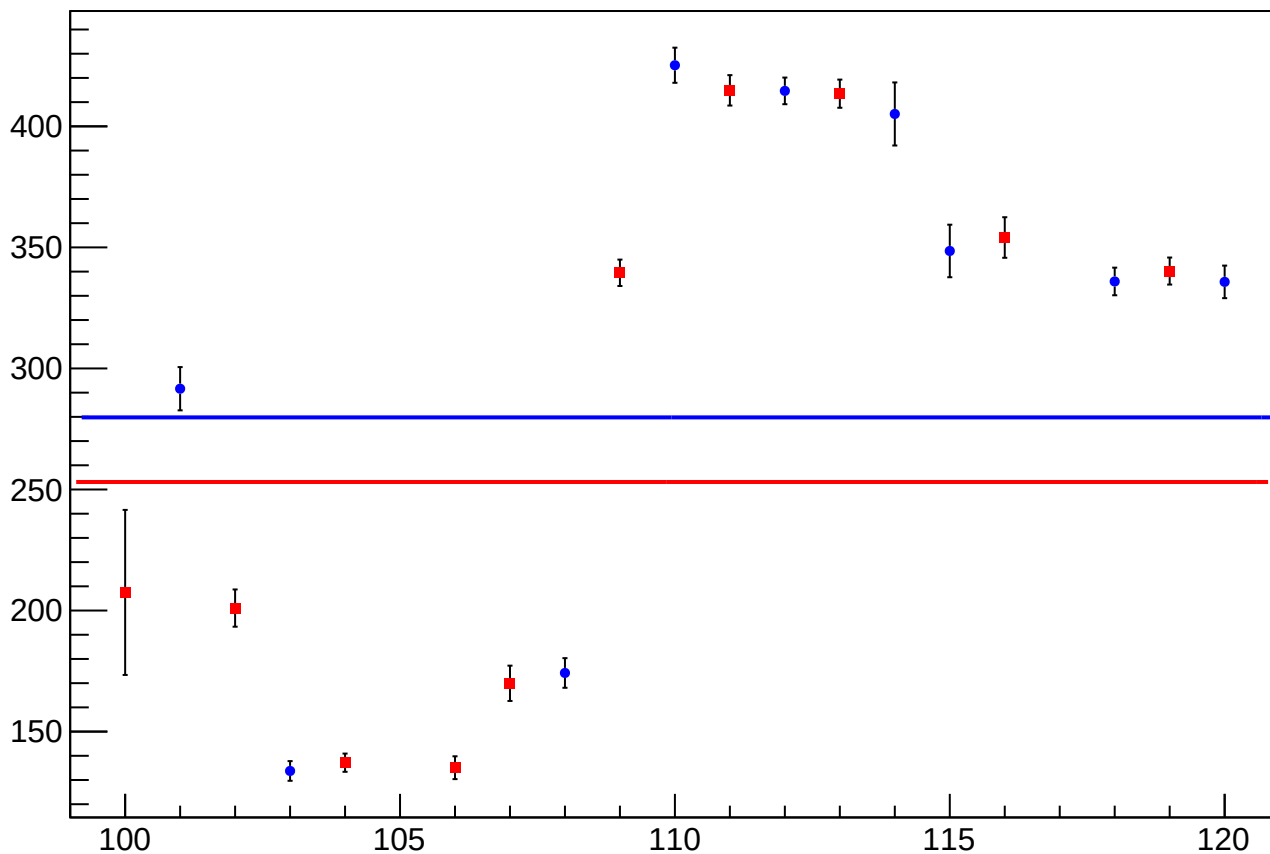
Right: 15.588+/-1.292 χ^2/NDF : 89.6/18

In: 13.560+/-1.919 χ^2/NDF : 47.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.588+/-1.292 χ^2/NDF : 89.6/18

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 279.783+/-2.137 χ^2/NDF : 2890.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 253.101+/-1.866 χ^2/NDF : 3817.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

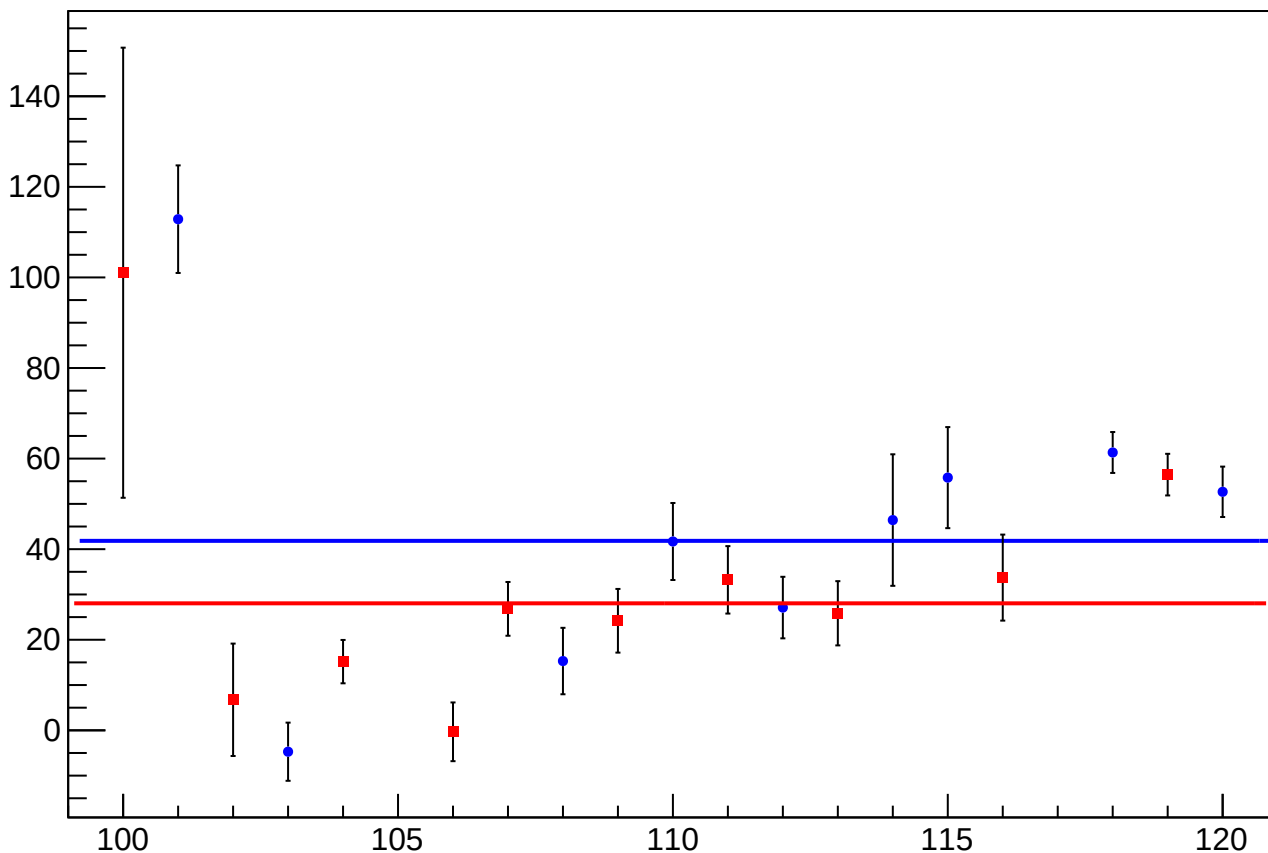
Right: 264.645+/-1.406 χ^2/NDF : 6796.2/18

In: 279.783+/-2.137 χ^2/NDF : 2890.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 264.645+/-1.406 χ^2/NDF : 6796.2/18

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.836+/-2.360 χ^2/NDF : 130.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.043+/-2.135 χ^2/NDF : 71.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

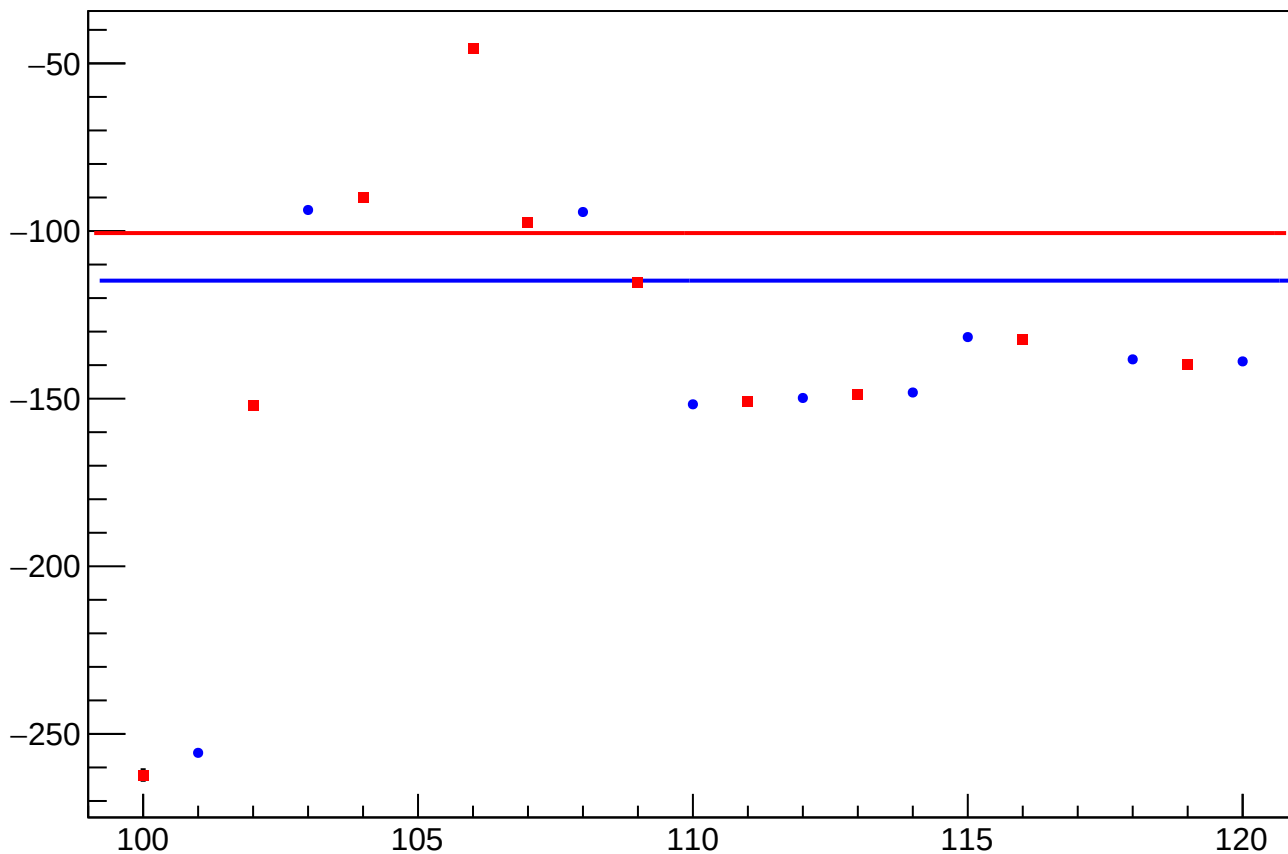
Right: 34.250+/-1.583 χ^2/NDF : 220.0/18

In: 41.836+/-2.360 χ^2/NDF : 130.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.250+/-1.583 χ^2/NDF : 220.0/18

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -114.798+/-0.117 χ^2/NDF : 109042.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -100.609+/-0.103 χ^2/NDF : 126242.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

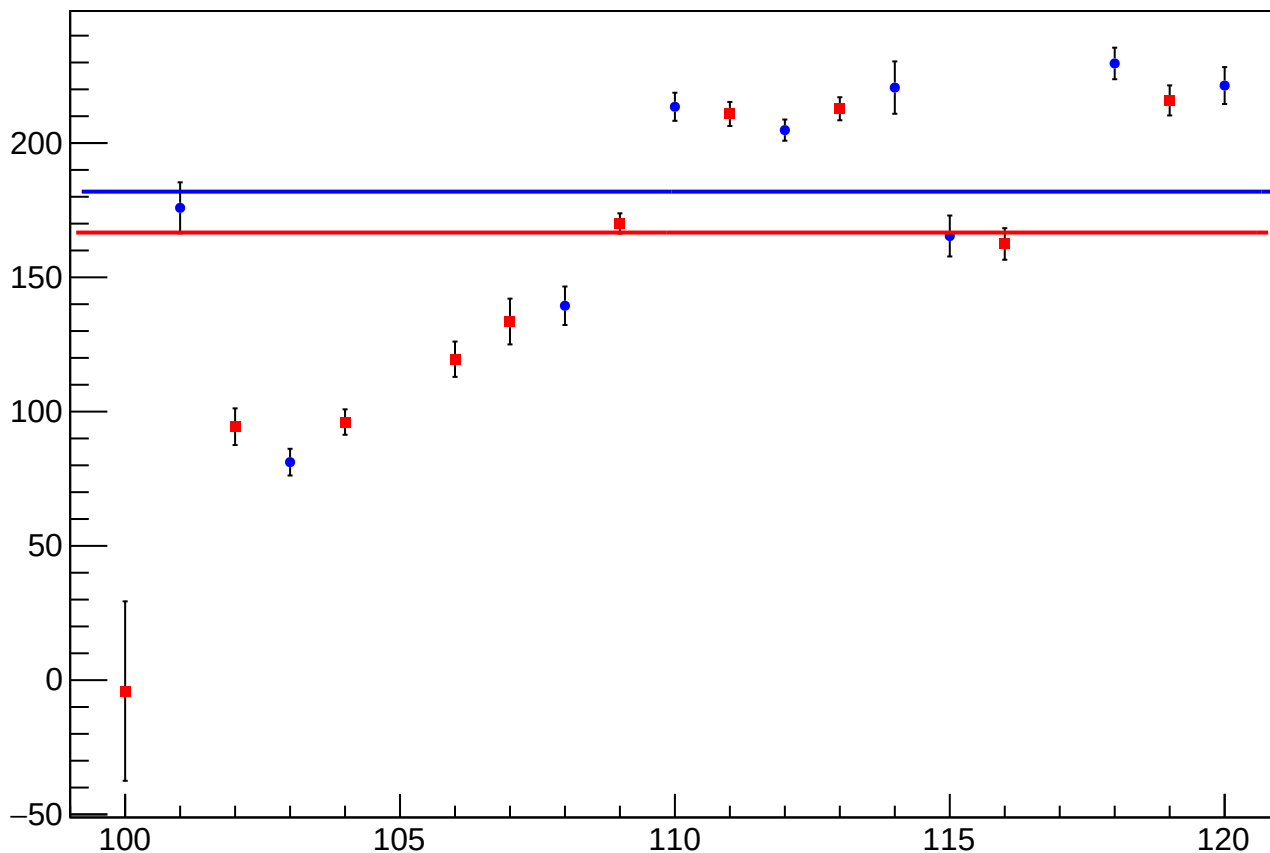
Right: -106.821+/-0.077 χ^2/NDF : 243559.1/18

In: -114.798+/-0.117 χ^2/NDF : 109042.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -106.821+/-0.077 χ^2/NDF : 243559.1/18

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 181.911+/-2.001 χ^2/NDF : 635.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 166.674+/-1.717 χ^2/NDF : 718.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

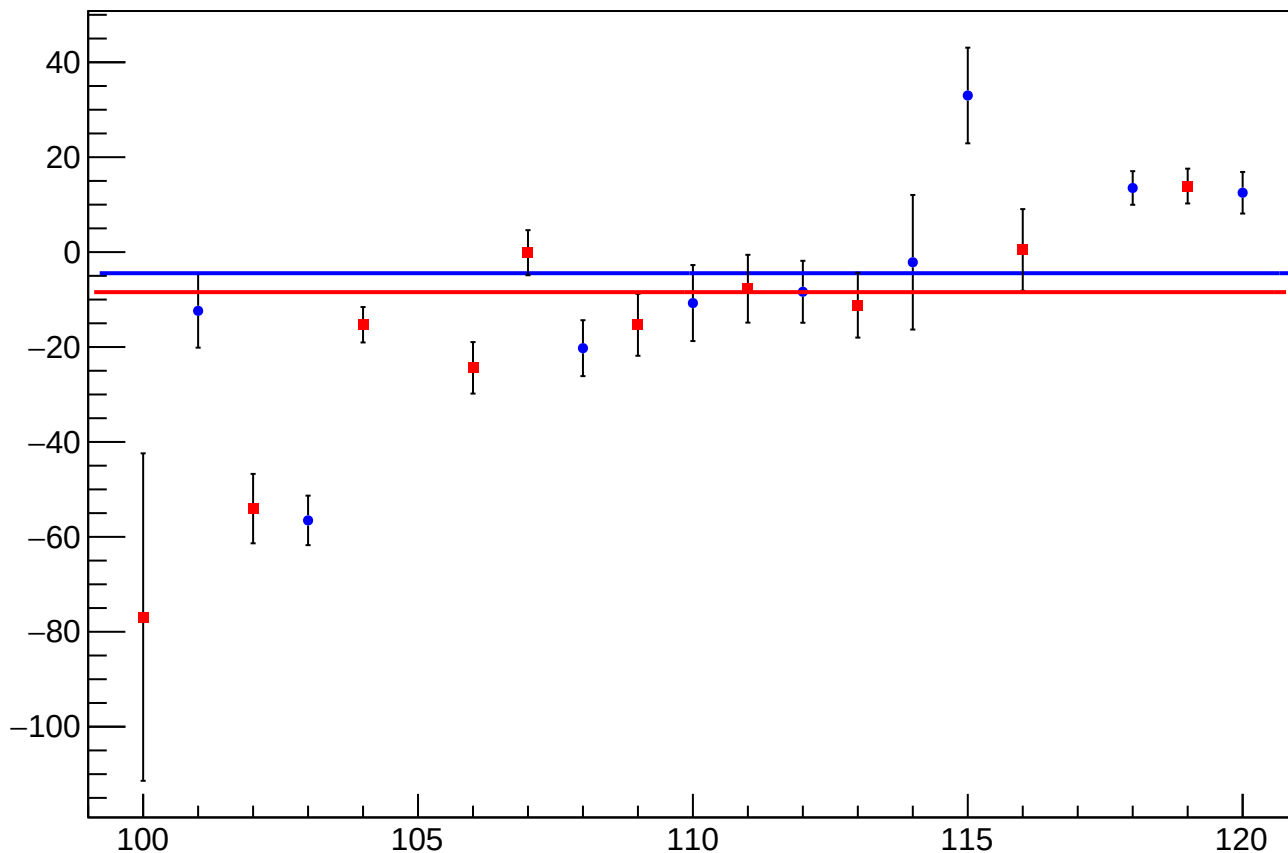
Right: 173.133+/-1.303 χ^2/NDF : 1387.7/18

In: 181.911+/-2.001 χ^2/NDF :635.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 173.133+/-1.303 χ^2/NDF : 1387.7/18

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.445+/-1.932 χ^2/NDF : 163.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.435+/-1.762 χ^2/NDF : 97.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

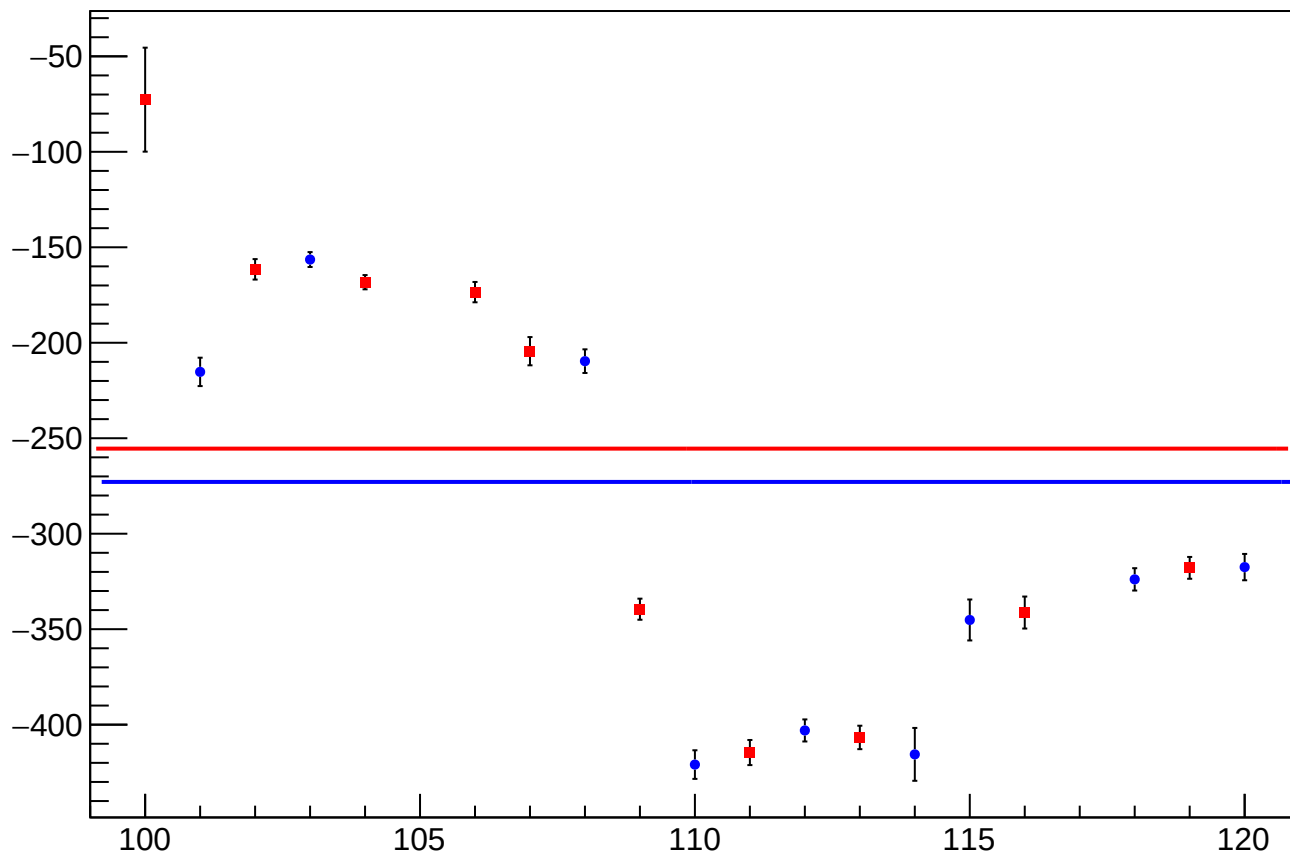
Right: -6.623+/-1.302 χ^2/NDF : 263.3/18

In: -4.445+/-1.932 χ^2/NDF : 163.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.623+/-1.302 χ^2/NDF : 263.3/18

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -272.878+/-2.123 χ^2/NDF : 2222.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -255.439+/-1.861 χ^2/NDF : 2830.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

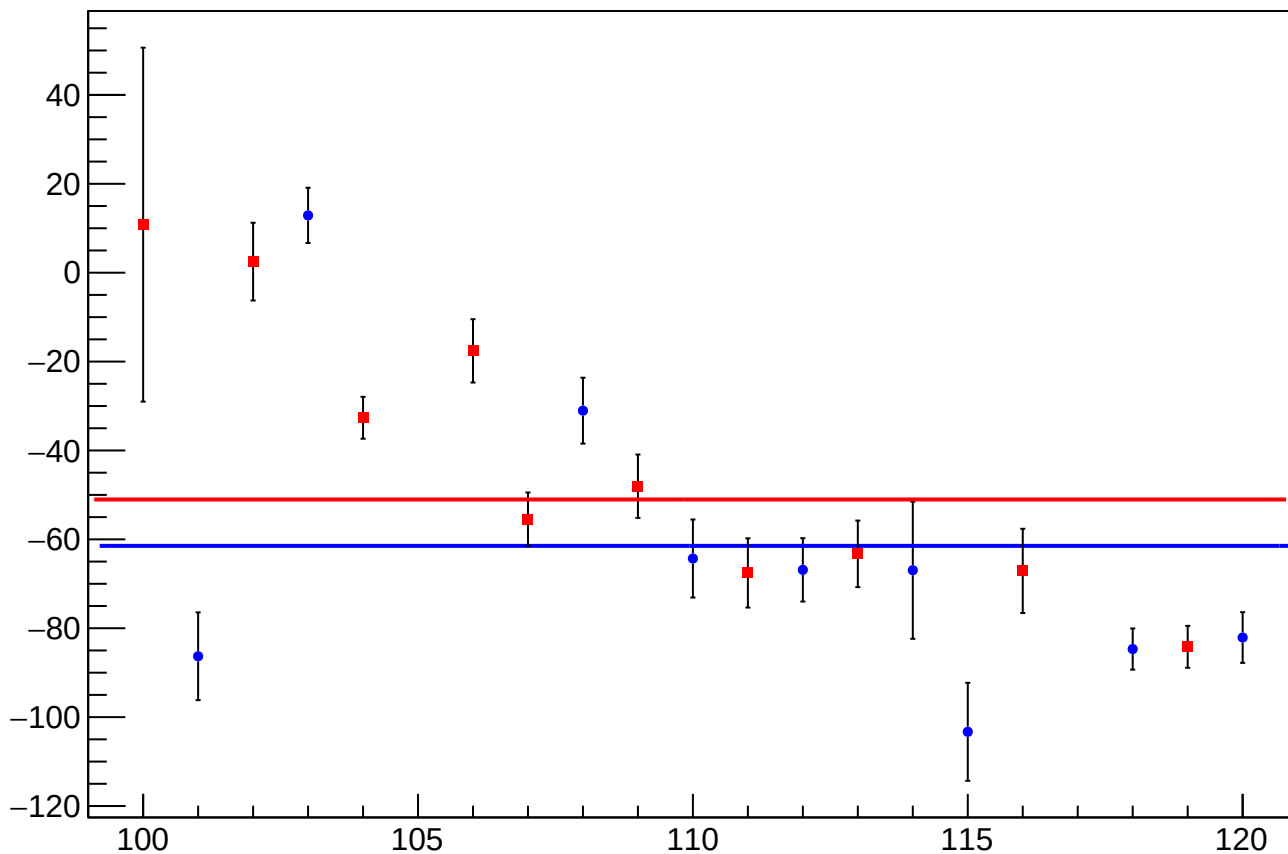
Right: -263.015+/-1.400 χ^2/NDF : 5090.8/18

In: -272.878+/-2.123 χ^2/NDF : 2222.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -263.015+/-1.400 χ^2/NDF : 5090.8/18

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -61.466 $\pm$ 2.379 χ^2 /NDF: 219.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -51.031 $\pm$ 2.152 χ^2 /NDF: 137.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

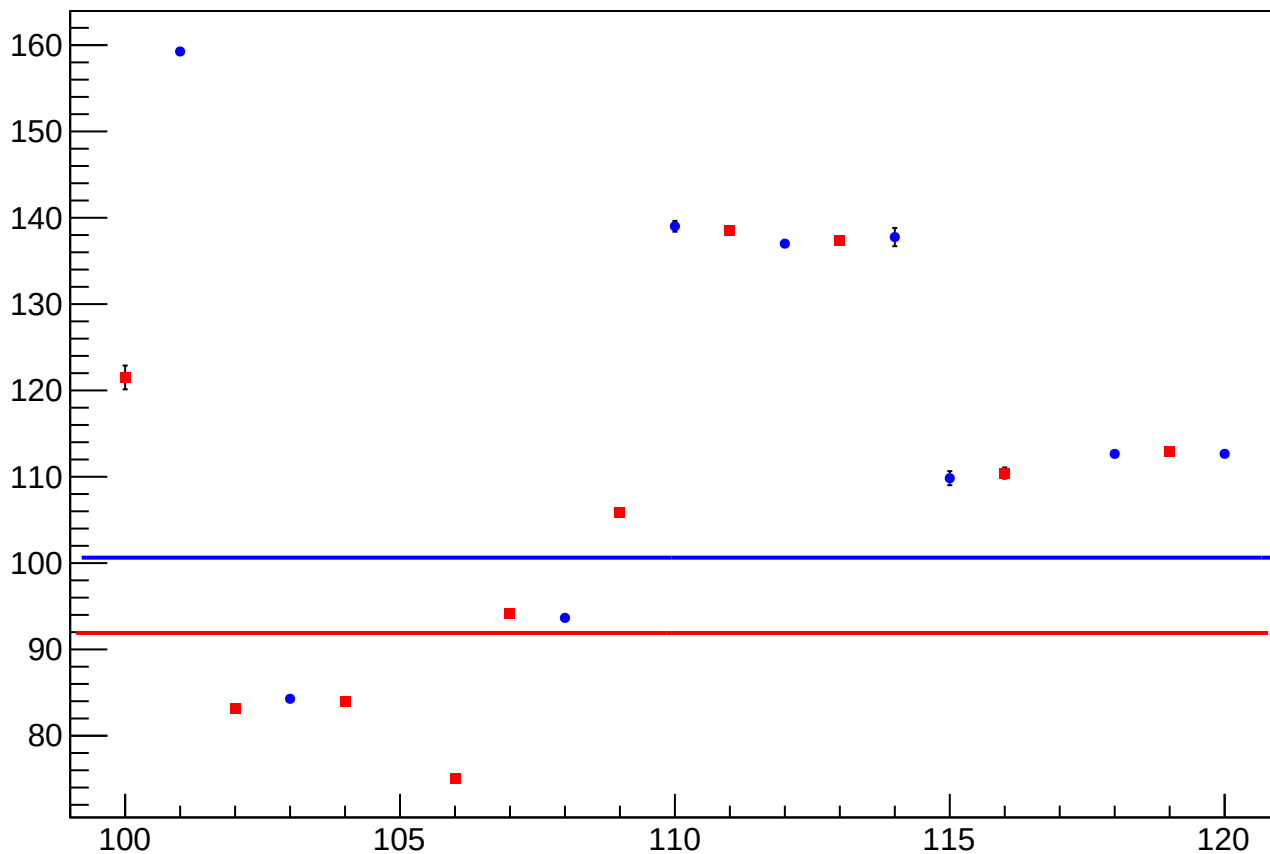
Right: -55.729 $\pm$ 1.596 χ^2 /NDF: 367.8/18

In: -61.466 $\pm$ 2.379 χ^2 /NDF:219.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -55.729 $\pm$ 1.596 χ^2 /NDF: 367.8/18

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 100.630+/-0.114 χ^2/NDF : 41311.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 91.907+/-0.100 χ^2/NDF : 30259.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

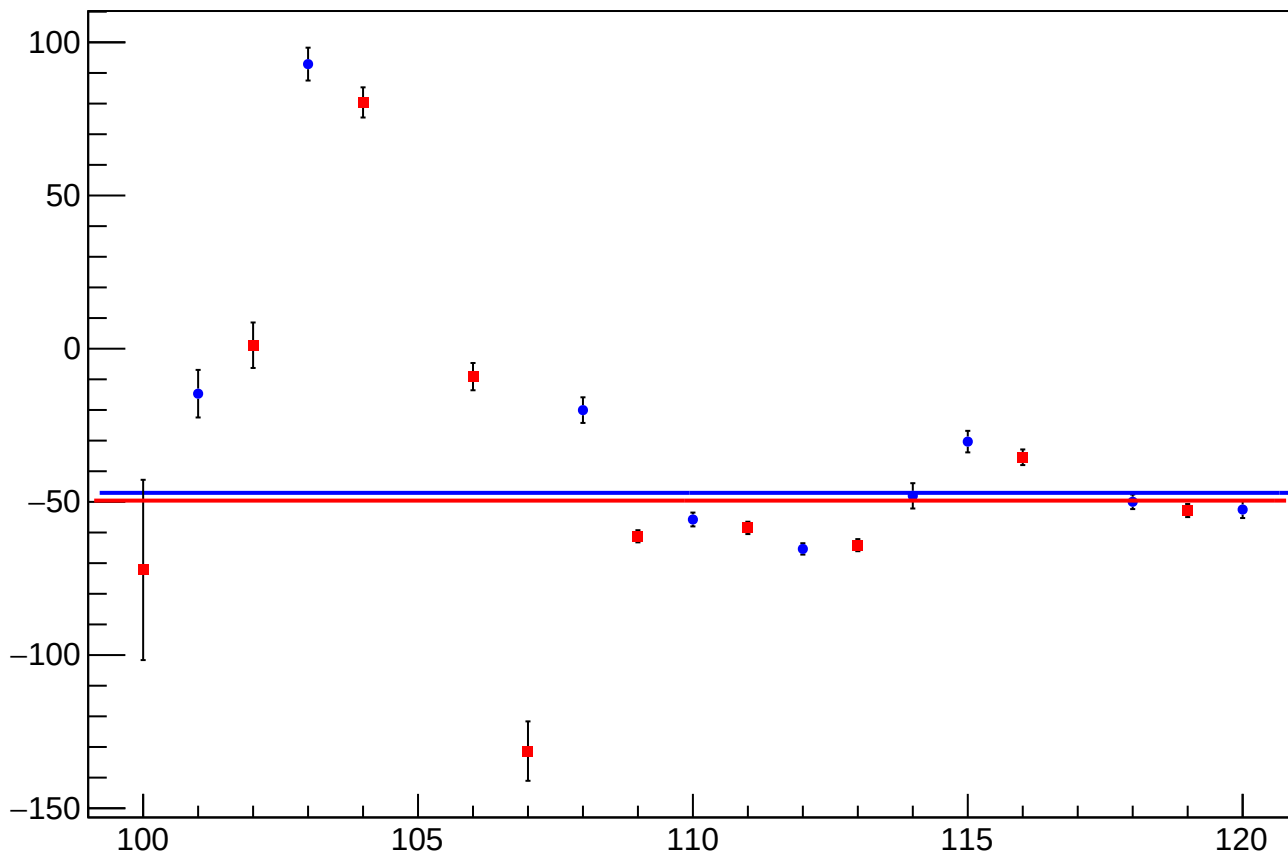
Right: 95.681+/-0.075 χ^2/NDF : 74865.2/18

In: 100.630+/-0.114 χ^2/NDF :41311.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 95.681+/-0.075 χ^2/NDF : 74865.2/18

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -47.051+/-0.980 χ^2/NDF : 879.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -49.582+/-0.894 χ^2/NDF : 1039.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

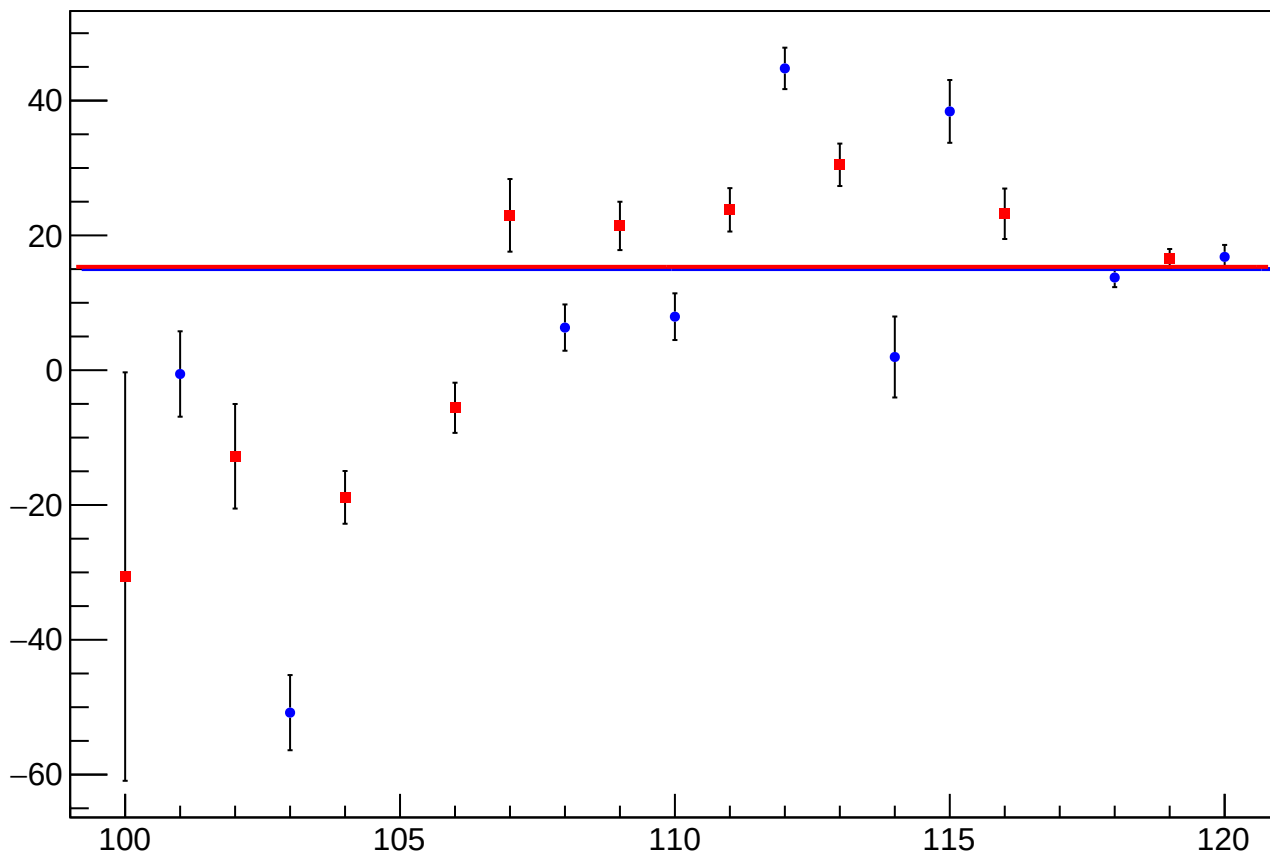
Right: -48.433+/-0.660 χ^2/NDF : 1922.4/18

In: -47.051+/-0.980 χ^2/NDF : 879.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.433+/-0.660 χ^2/NDF : 1922.4/18

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.005+/-0.908 χ^2 /NDF: 281.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 15.333+/-0.982 χ^2 /NDF: 163.5/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

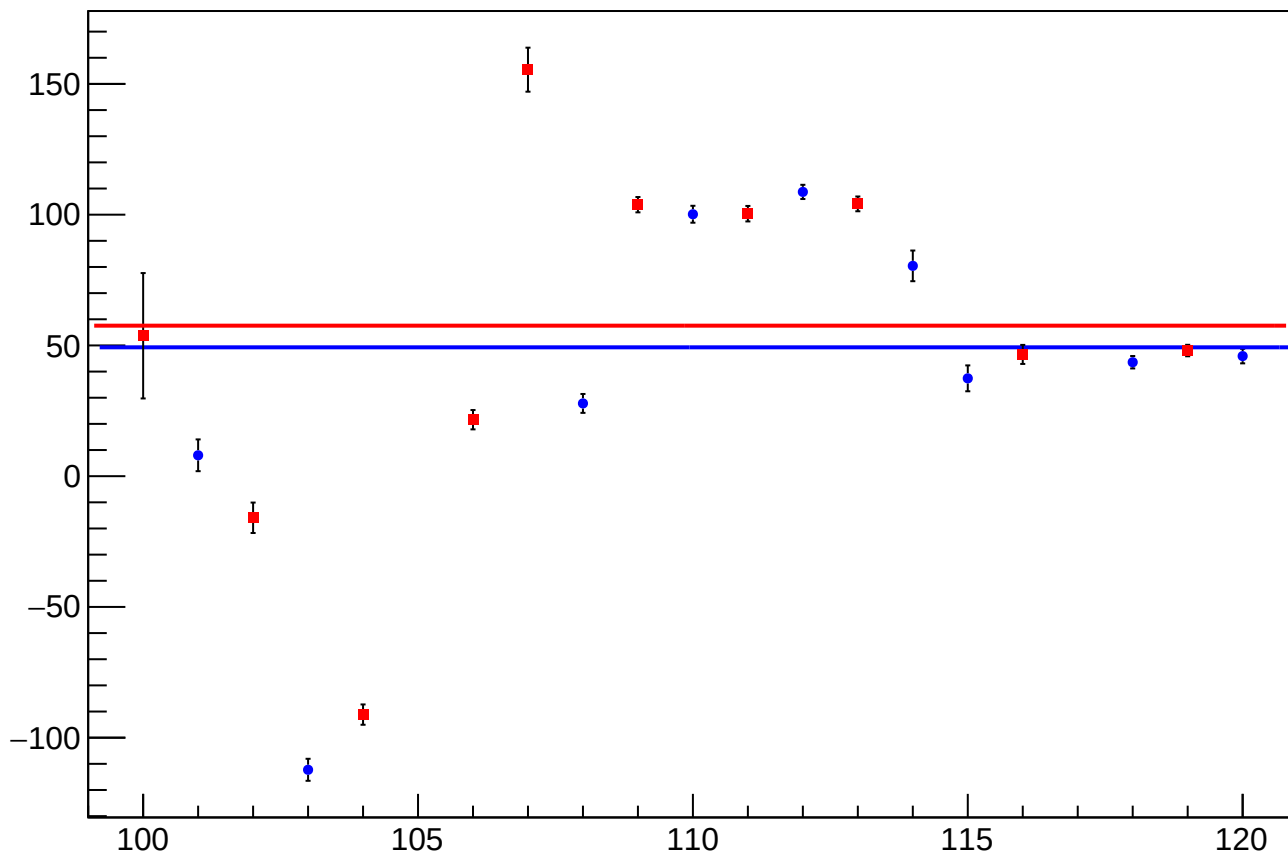
Right: 15.157+/-0.667 χ^2 /NDF: 444.9/18

In: 15.005+/-0.908 χ^2 /NDF:281.4/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 15.157+/-0.667 χ^2 /NDF: 444.9/18

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 49.277+/-1.141 χ^2/NDF : 2322.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 57.558+/-1.101 χ^2/NDF : 2613.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

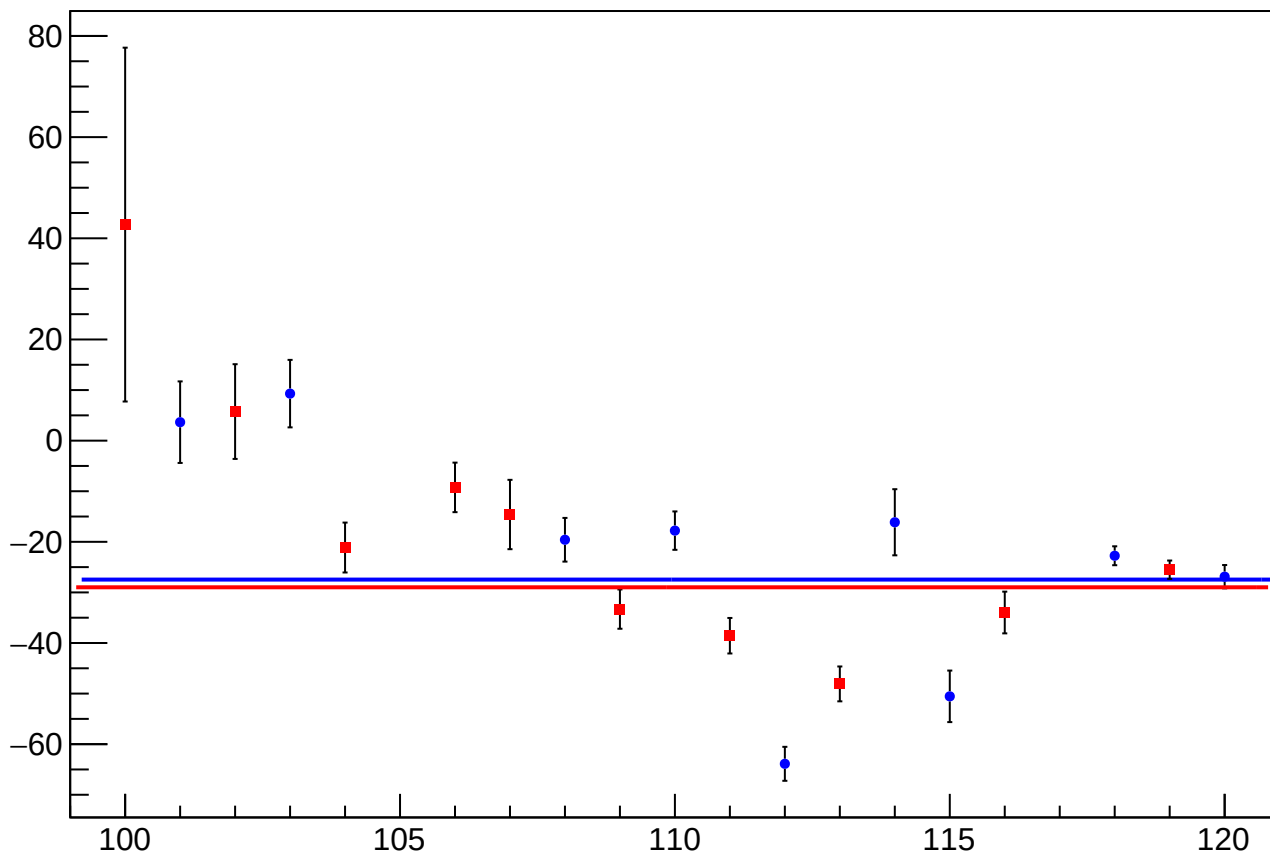
Right: 53.564+/-0.792 χ^2/NDF : 4962.9/18

In: 49.277+/-1.141 χ^2/NDF :2322.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 53.564+/-0.792 χ^2/NDF : 4962.9/18

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -27.464+/-1.128 χ^2/NDF : 202.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -28.989+/-1.186 χ^2/NDF : 85.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

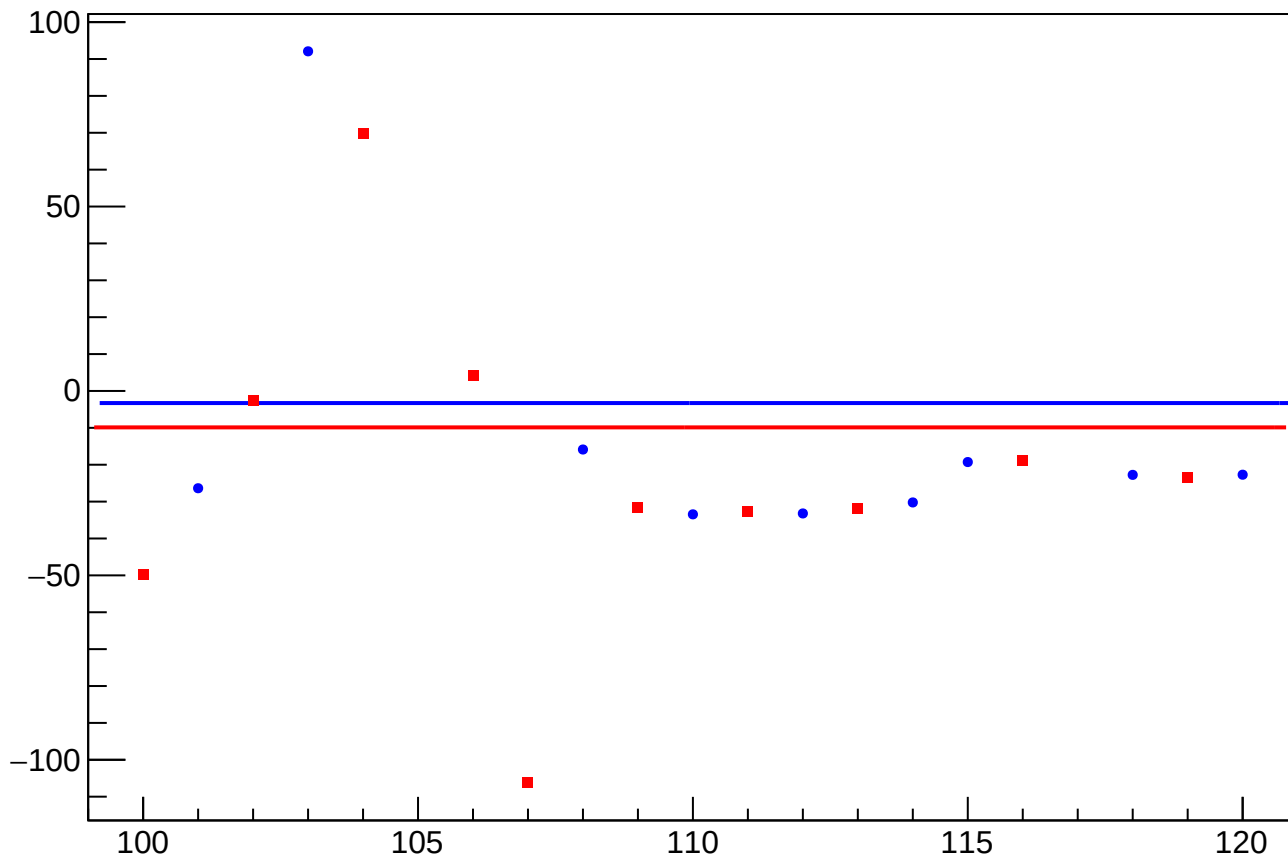
Right: -28.188+/-0.817 χ^2/NDF : 289.3/18

In: -27.464+/-1.128 χ^2/NDF : 202.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.188+/-0.817 χ^2/NDF : 289.3/18

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -3.282+/-0.074 χ^2/NDF : 360008.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -9.877+/-0.071 χ^2/NDF : 307201.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

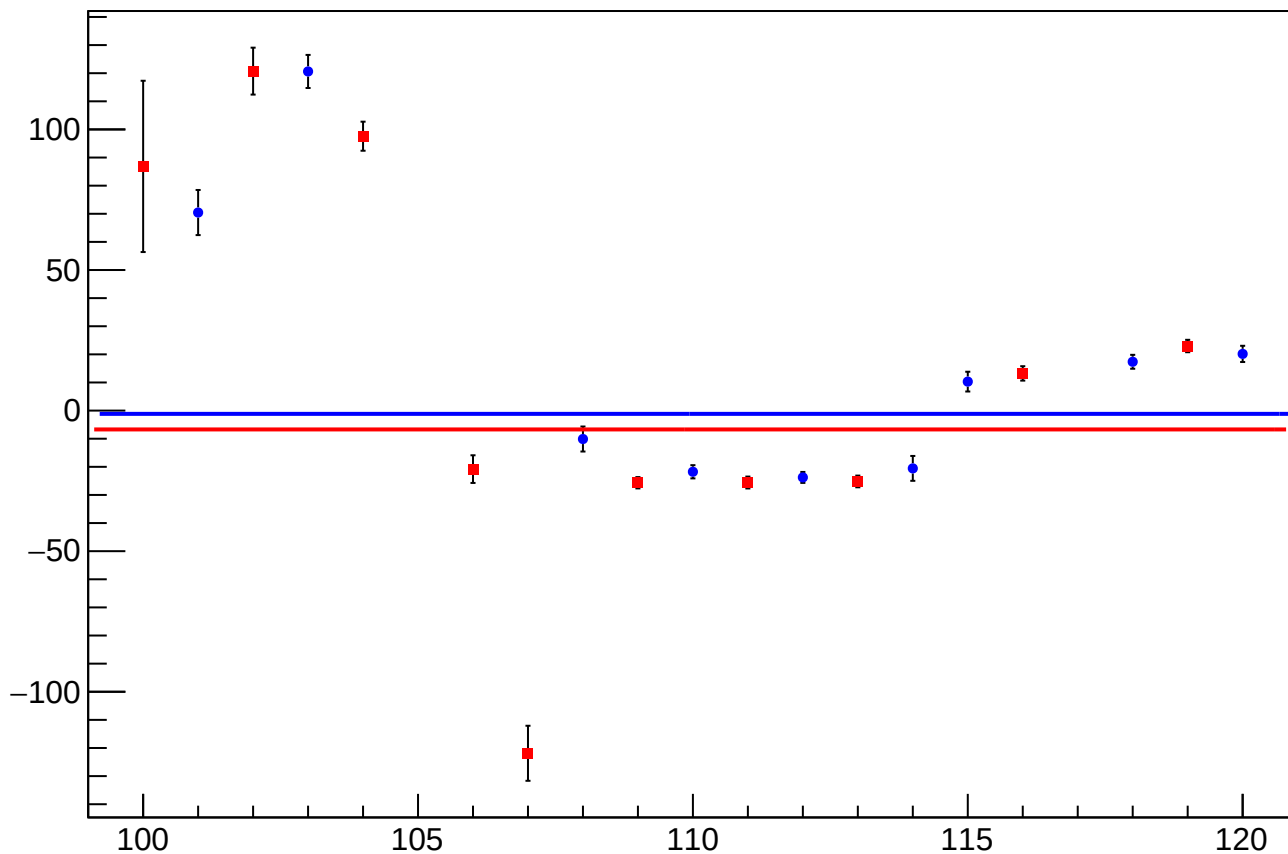
Right: -6.692+/-0.051 χ^2/NDF : 671350.1/18

In: -3.282+/-0.074 χ^2/NDF :360008.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.692+/-0.051 χ^2/NDF : 671350.1/18

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.162+/-1.023 χ^2/NDF : 864.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -6.702+/-0.926 χ^2/NDF : 1286.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

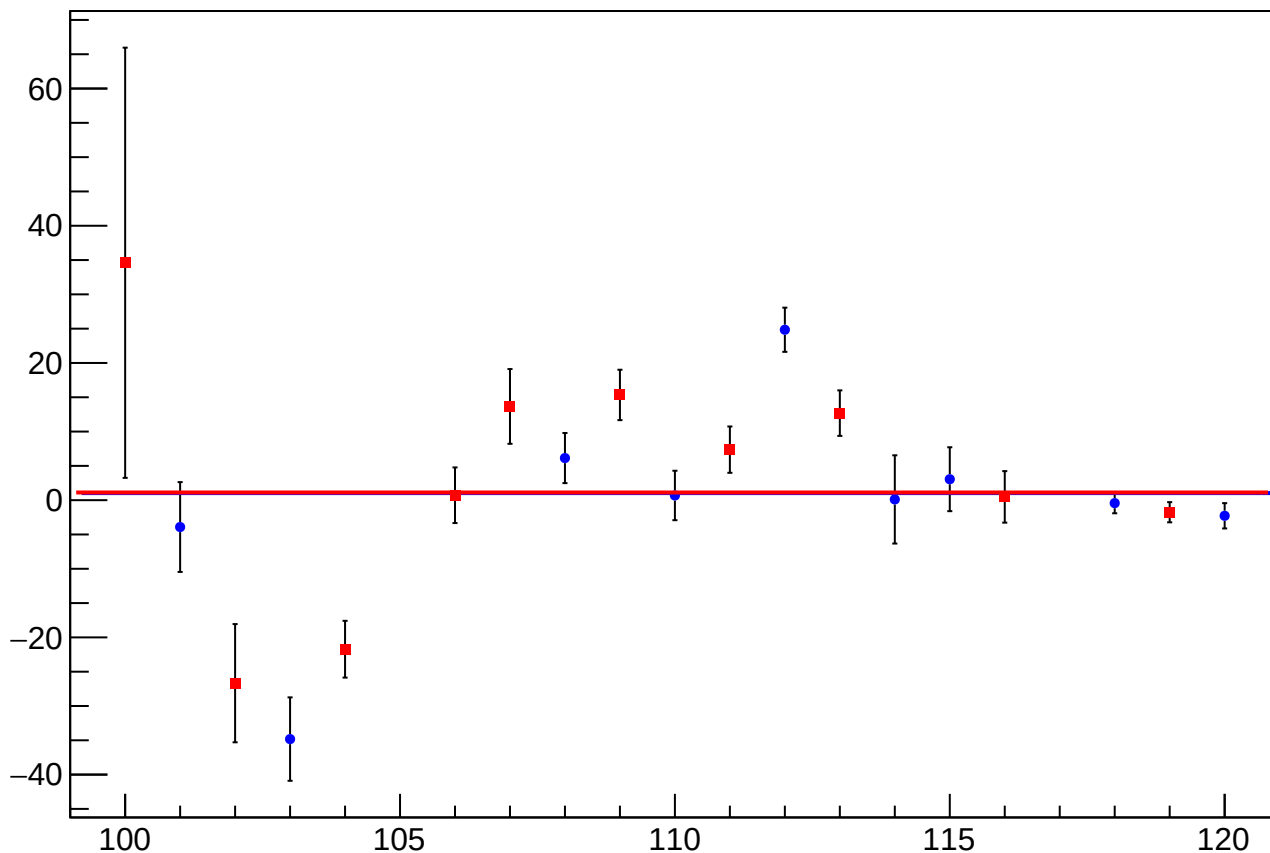
Right: -4.205+/-0.687 χ^2/NDF : 2167.1/18

In: -1.162+/-1.023 χ^2/NDF :864.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.205+/-0.687 χ^2/NDF : 2167.1/18

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.032+/-0.946 χ^2/NDF : 96.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.122+/-1.024 χ^2/NDF : 81.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

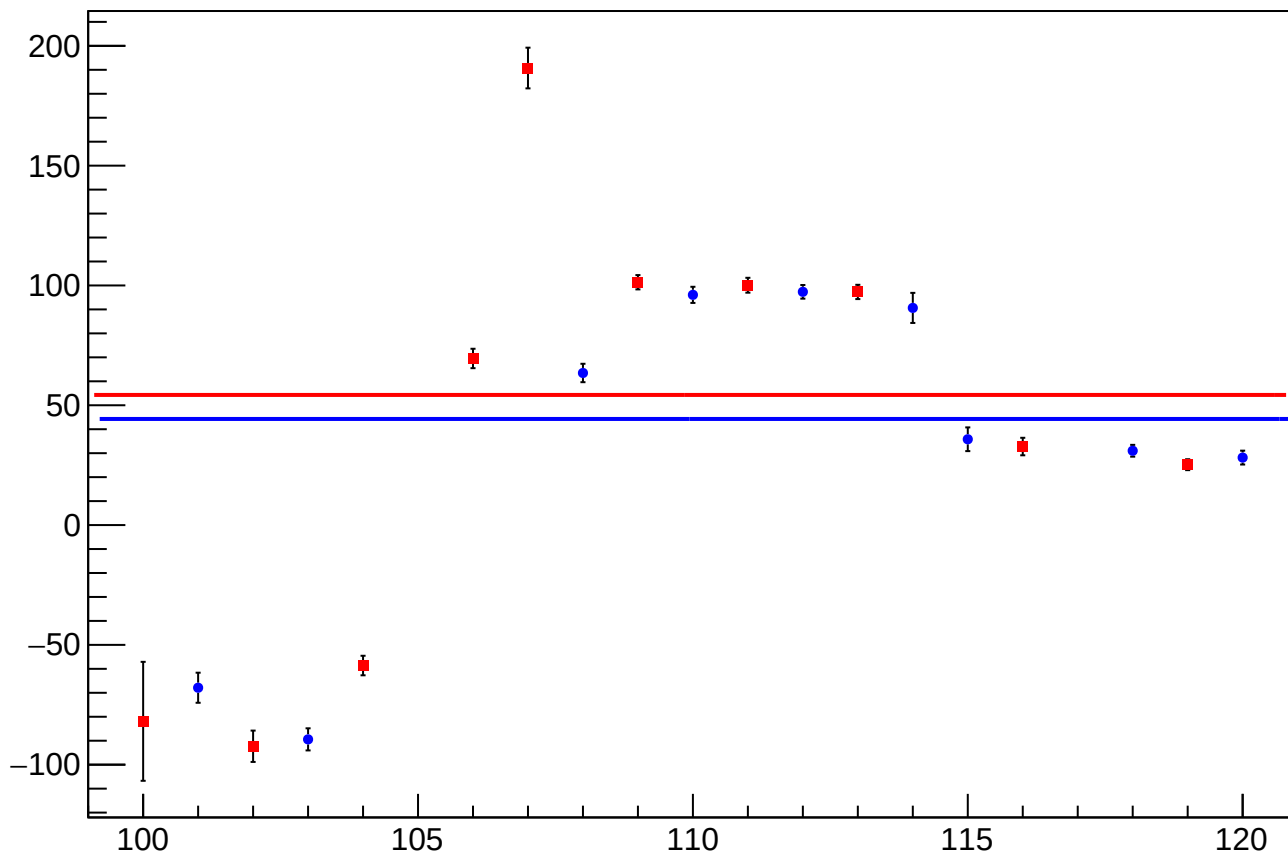
Right: 1.073+/-0.695 χ^2/NDF : 178.2/18

In: 1.032+/-0.946 χ^2/NDF : 96.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.073+/-0.695 χ^2/NDF : 178.2/18

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 44.284+/-1.193 χ^2/NDF : 1885.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.310+/-1.150 χ^2/NDF : 2444.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

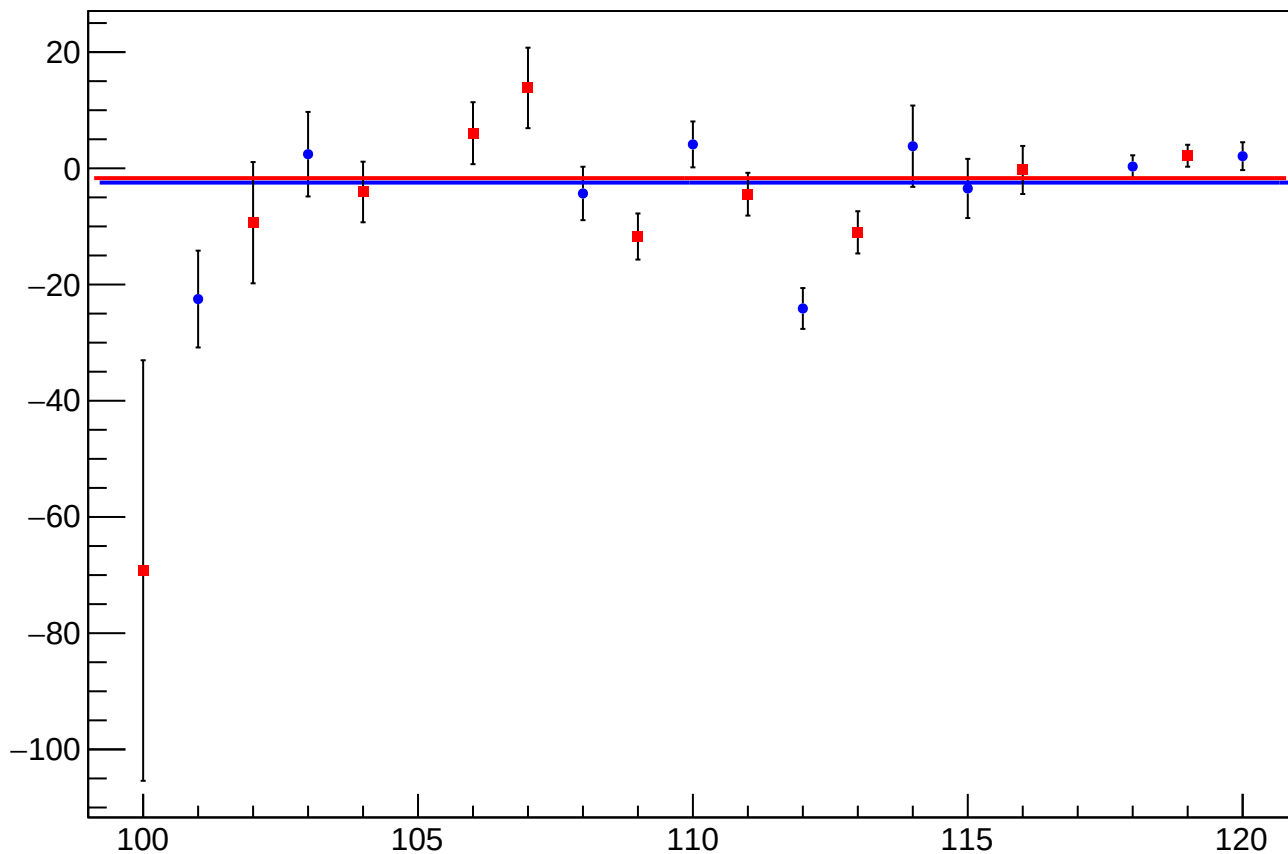
Right: 49.484+/-0.828 χ^2/NDF : 4366.7/18

In: 44.284+/-1.193 χ^2/NDF : 1885.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.484+/-0.828 χ^2/NDF : 4366.7/18

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.454+/-1.175 χ^2/NDF : 53.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.688+/-1.235 χ^2/NDF : 29.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

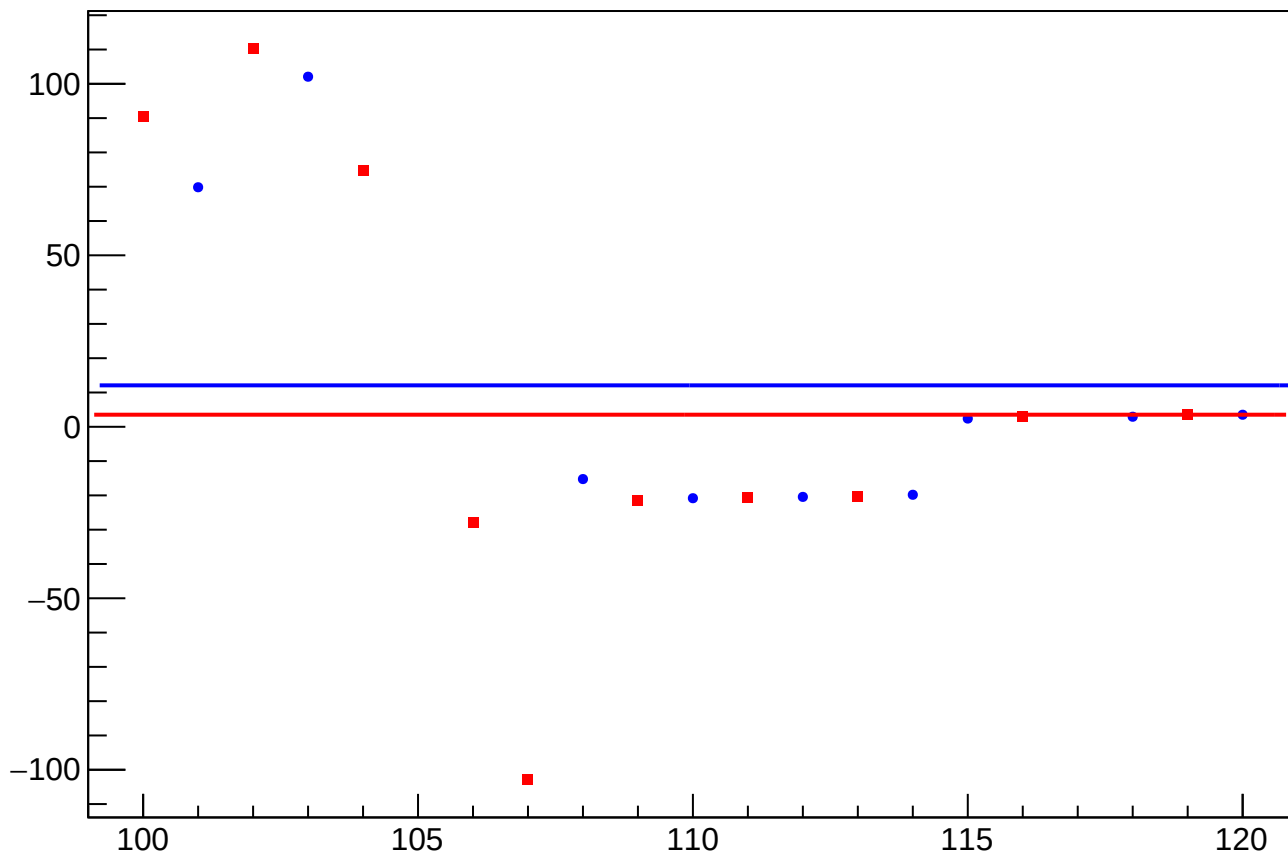
Right: -2.090+/-0.851 χ^2/NDF : 83.0/18

In: -2.454+/-1.175 χ^2/NDF : 53.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.090+/-0.851 χ^2/NDF : 83.0/18

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 12.083+/-0.078 χ^2/NDF : 313926.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.526+/-0.075 χ^2/NDF : 434078.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

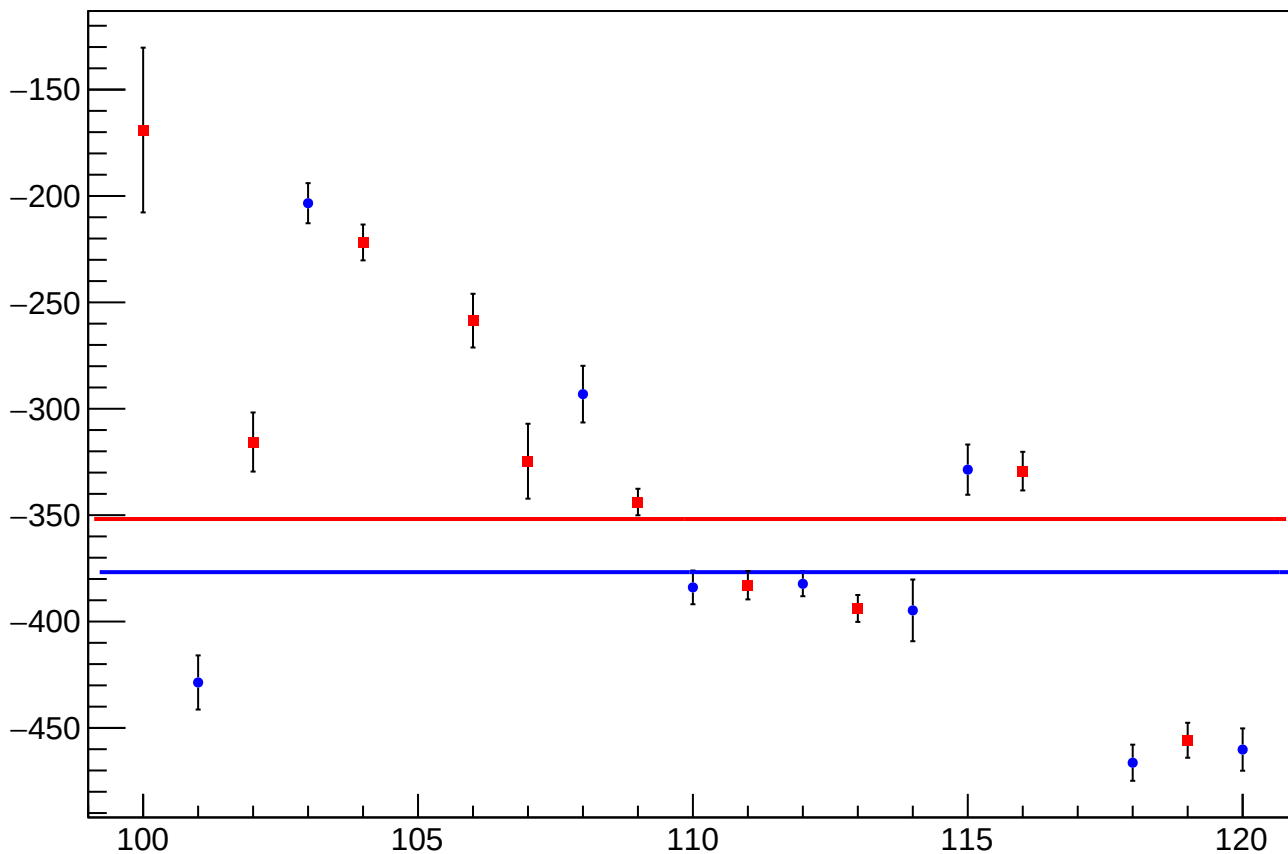
Right: 7.656+/-0.054 χ^2/NDF : 754264.1/18

In: 12.083+/-0.078 χ^2/NDF : 313926.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.656+/-0.054 χ^2/NDF : 754264.1/18

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -376.785+/-3.095 χ^2/NDF : 595.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -351.812+/-2.777 χ^2/NDF : 558.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

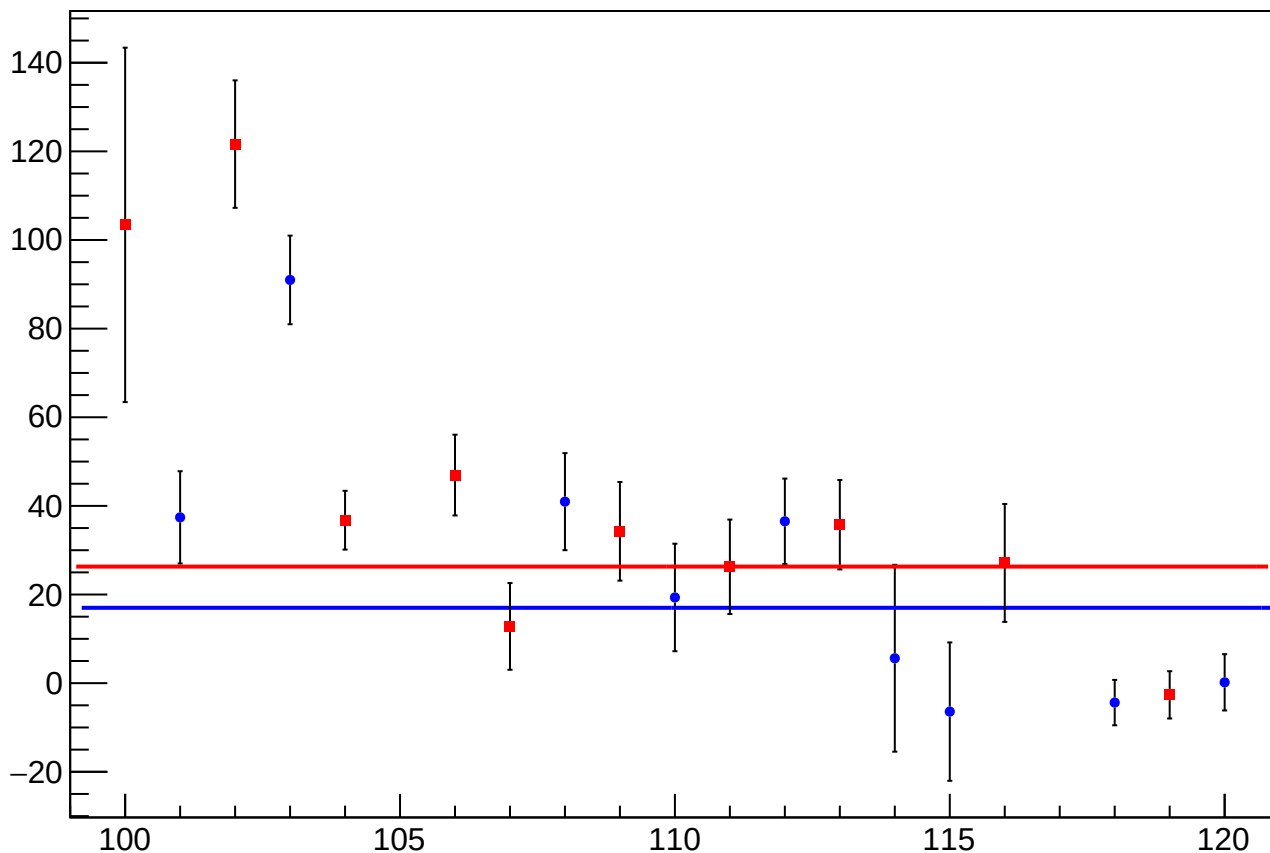
Right: -362.949+/-2.067 χ^2/NDF : 1189.8/18

In: -376.785+/-3.095 χ^2/NDF : 595.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -362.949+/-2.067 χ^2/NDF : 1189.8/18

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.004+/-2.956 χ^2/NDF : 94.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.306+/-2.909 χ^2/NDF : 88.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

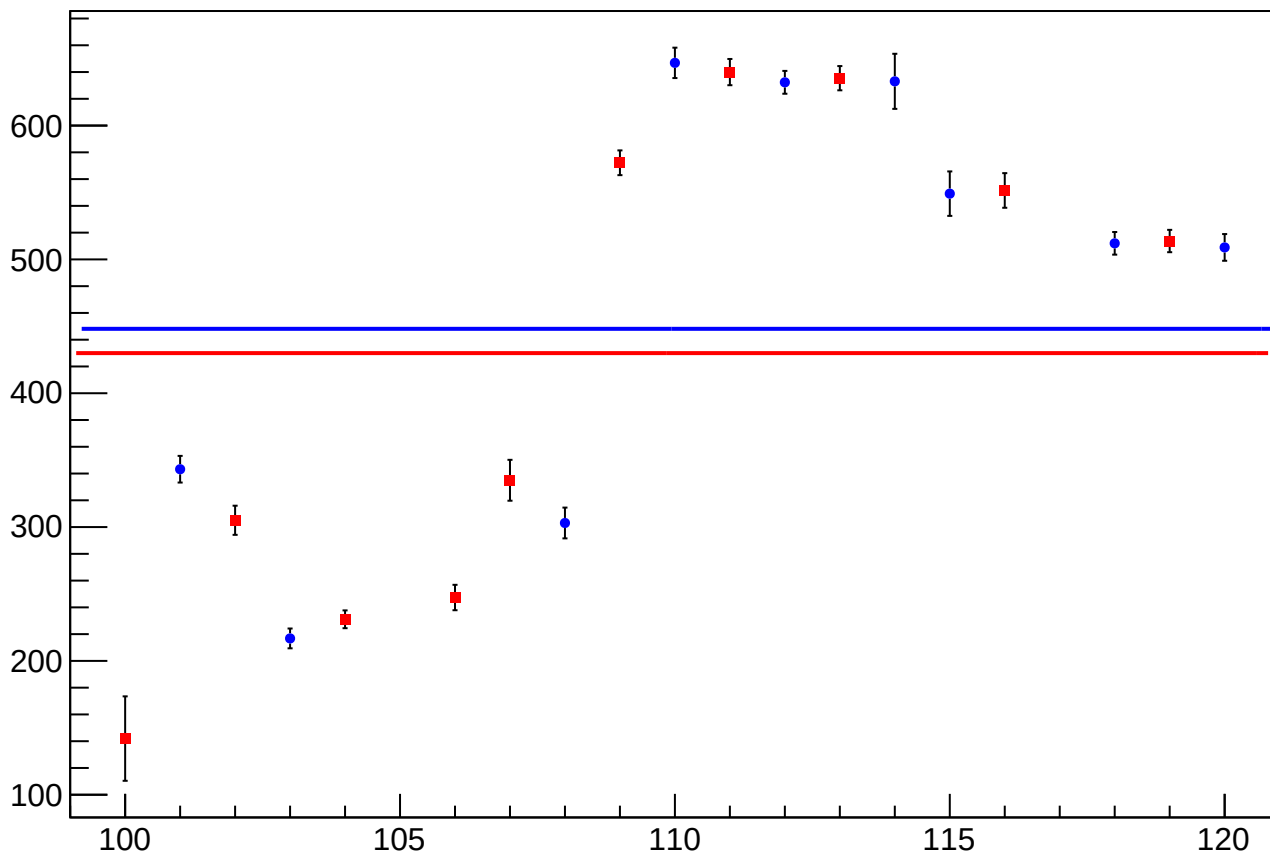
Right: 21.730+/-2.073 χ^2/NDF : 187.6/18

In: 17.004+/-2.956 χ^2/NDF : 94.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.730+/-2.073 χ^2/NDF : 187.6/18

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 448.131+/-3.382 χ^2/NDF : 2232.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 429.984+/-3.130 χ^2/NDF : 2919.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

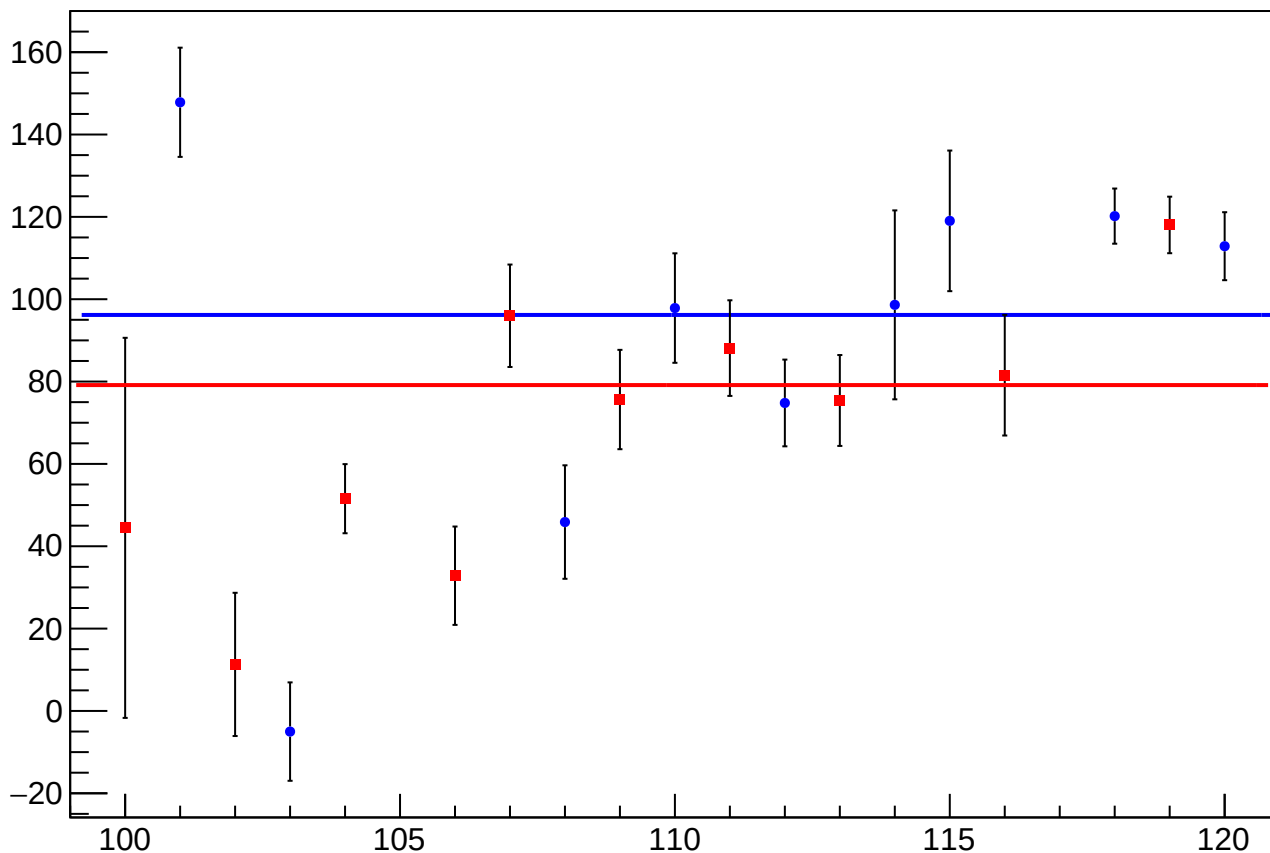
Right: 438.355+/-2.297 χ^2/NDF : 5166.8/18

In: 448.131+/-3.382 χ^2/NDF :2232.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 438.355+/-2.297 χ^2/NDF : 5166.8/18

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 96.180+/-3.654 χ^2/NDF : 123.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.147+/-3.540 χ^2/NDF : 76.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

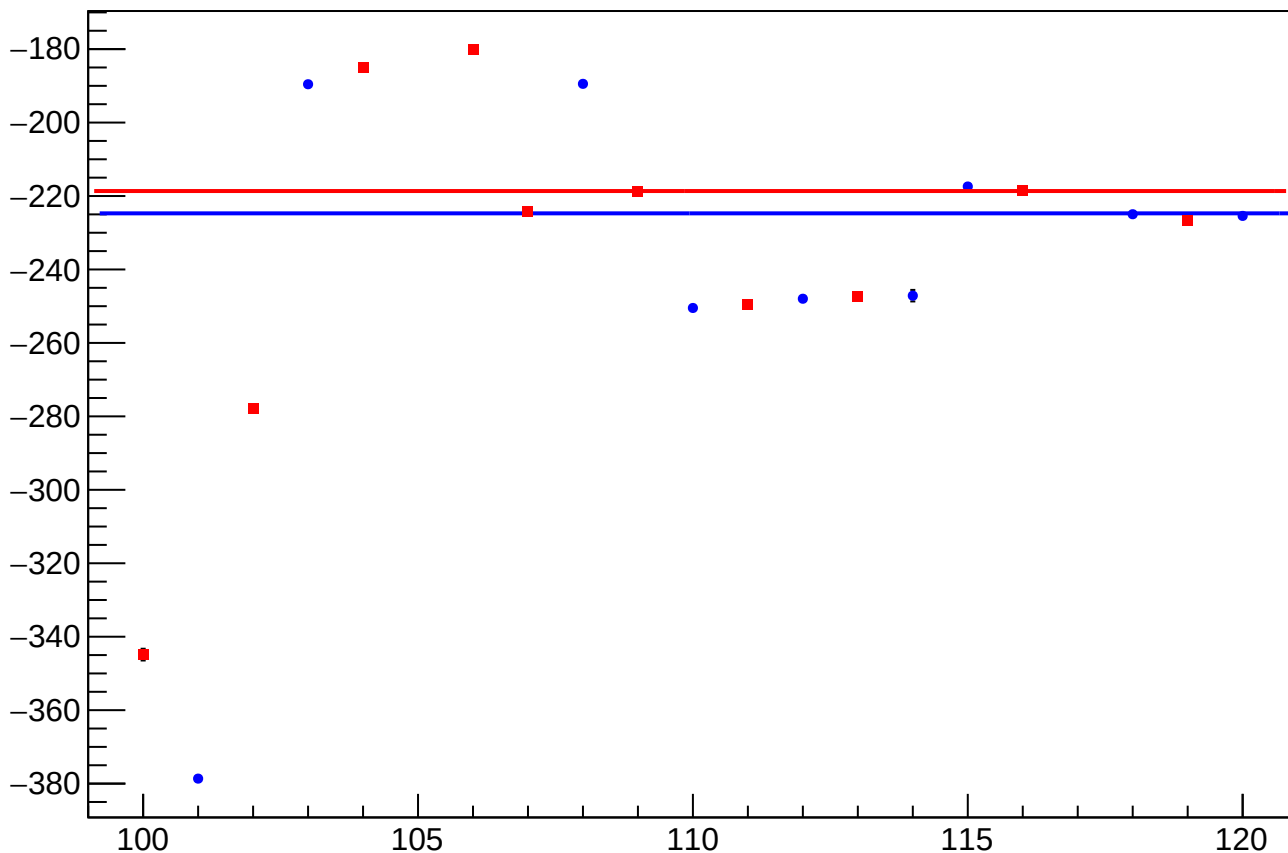
Right: 87.395+/-2.542 χ^2/NDF : 210.6/18

In: 96.180+/-3.654 χ^2/NDF : 123.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.395+/-2.542 χ^2/NDF : 210.6/18

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -224.719+/-0.196 χ^2/NDF : 87600.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -218.643+/-0.182 χ^2/NDF : 41837.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

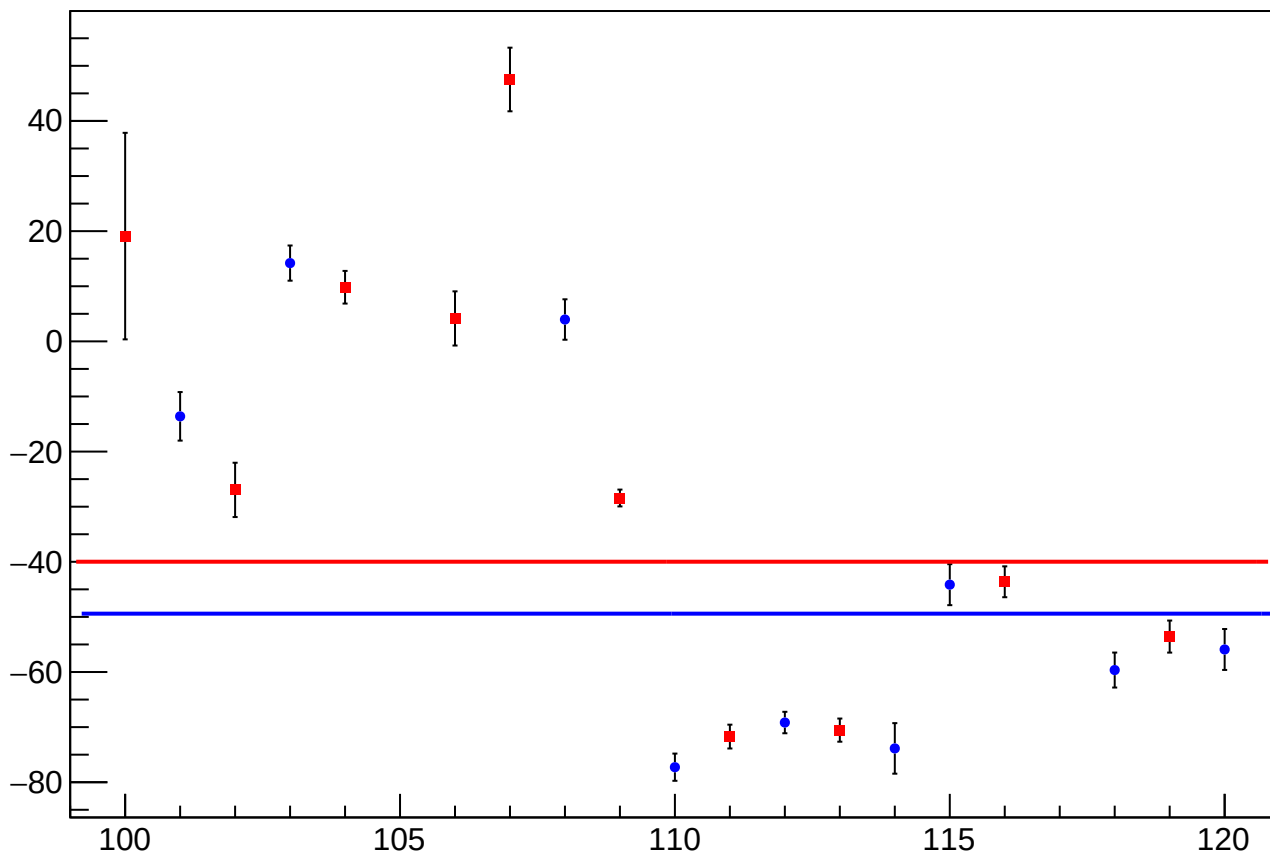
Right: -221.454+/-0.133 χ^2/NDF : 129953.4/18

In: -224.719+/-0.196 χ^2/NDF : 87600.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -221.454+/-0.133 χ^2/NDF : 129953.4/18

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -49.411+/-1.029 χ^2/NDF : 949.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -39.985+/-0.862 χ^2/NDF : 1118.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

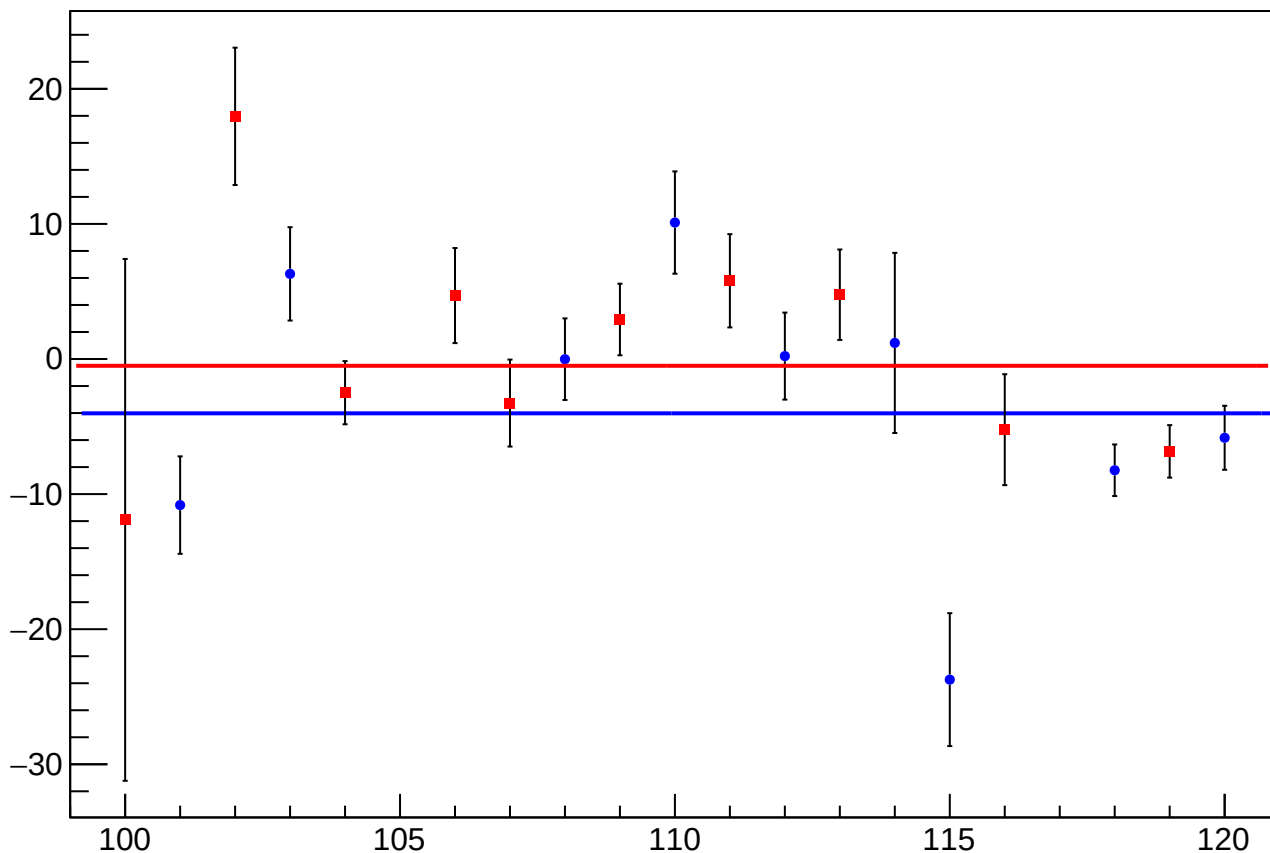
Right: -43.872+/-0.661 χ^2/NDF : 2116.5/18

In: -49.411+/-1.029 χ^2/NDF : 949.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -43.872+/-0.661 χ^2/NDF : 2116.5/18

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.020+/-1.025 χ^2/NDF : 52.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.502+/-0.980 χ^2/NDF : 36.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

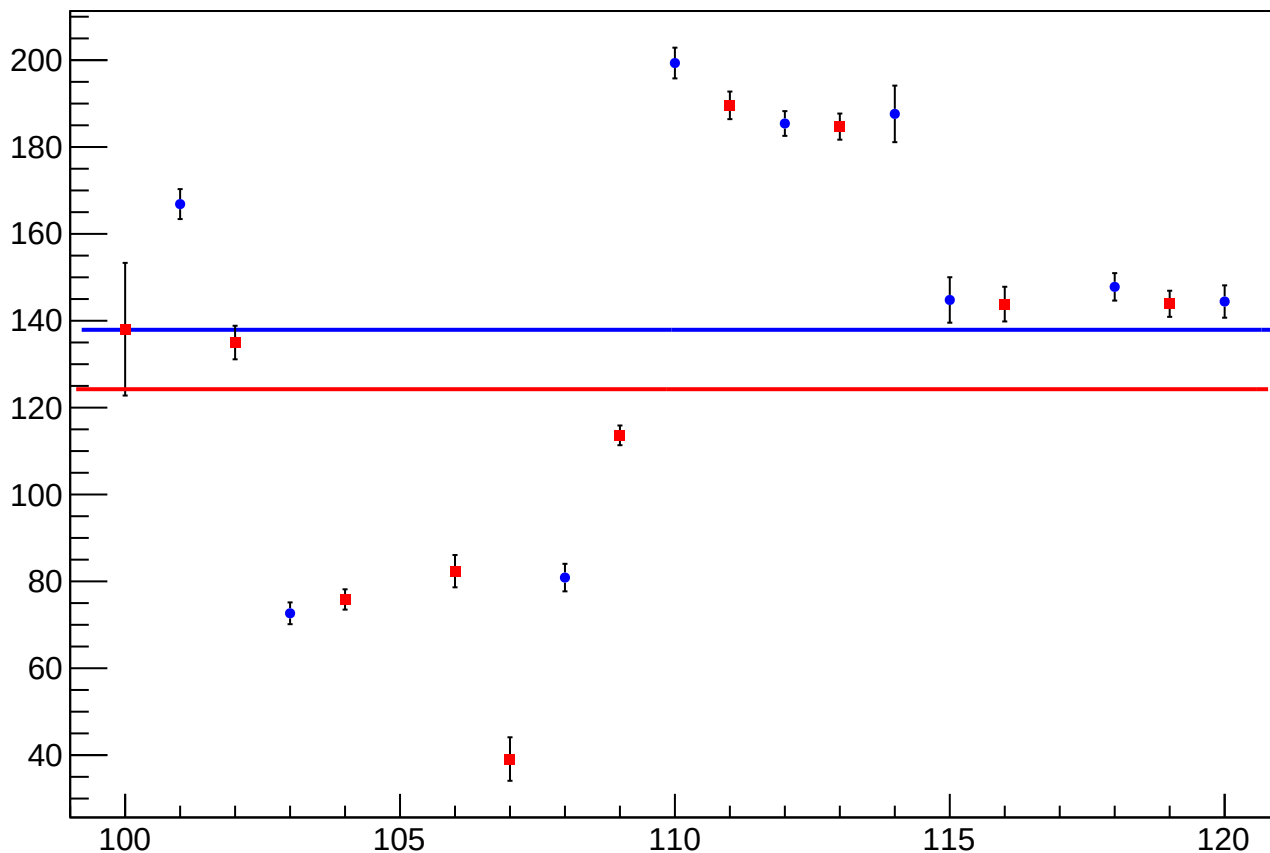
Right: -2.182+/-0.708 χ^2/NDF : 94.8/18

In: -4.020+/-1.025 χ^2/NDF :52.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.182+/-0.708 χ^2/NDF : 94.8/18

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 137.920 $\pm$ 1.133 χ^2 /NDF: 1724.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 124.243 $\pm$ 1.029 χ^2 /NDF: 1769.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

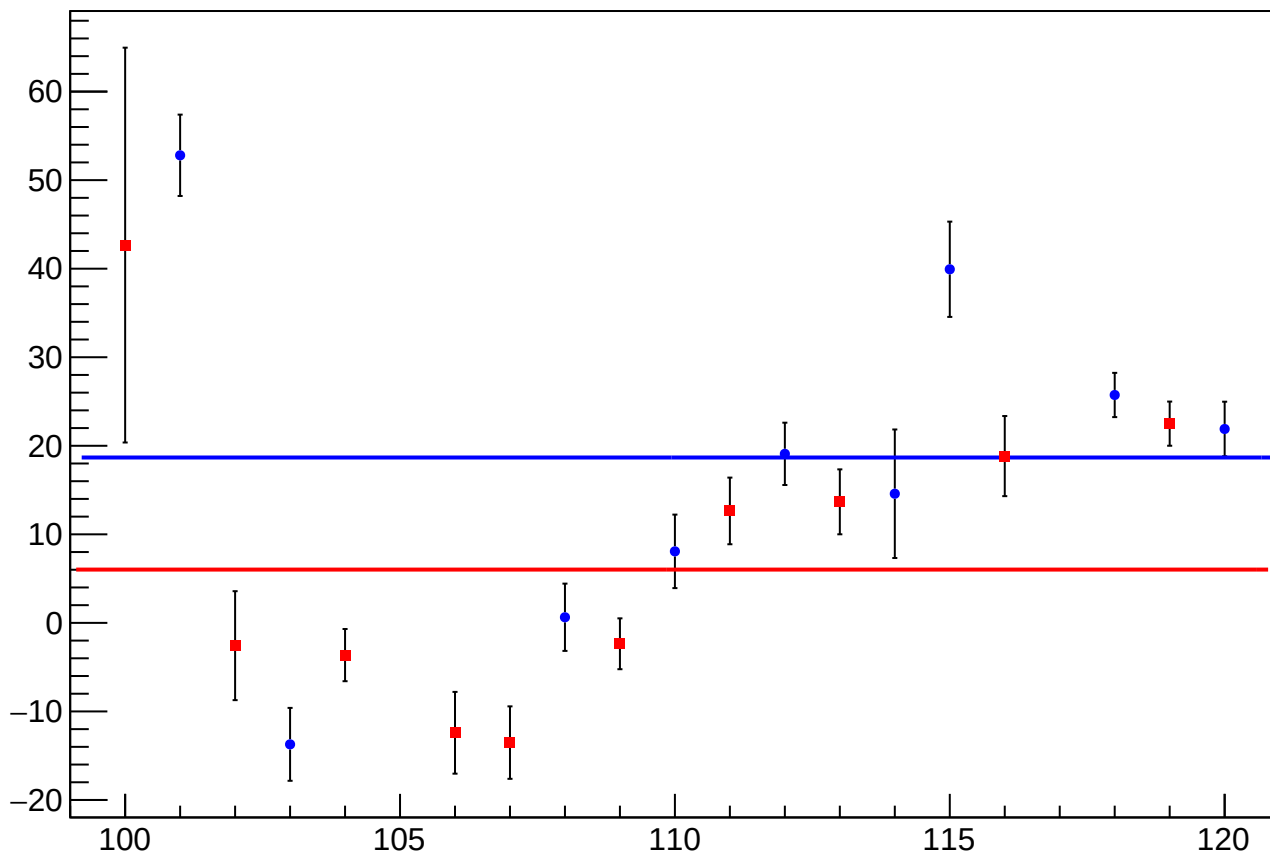
Right: 130.424 $\pm$ 0.762 χ^2 /NDF: 3574.3/18

In: 137.920 $\pm$ 1.133 χ^2 /NDF:1724.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 130.424 $\pm$ 0.762 χ^2 /NDF: 3574.3/18

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 18.677 $\pm$ 1.256 χ^2 /NDF: 171.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 6.019 $\pm$ 1.174 χ^2 /NDF: 121.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

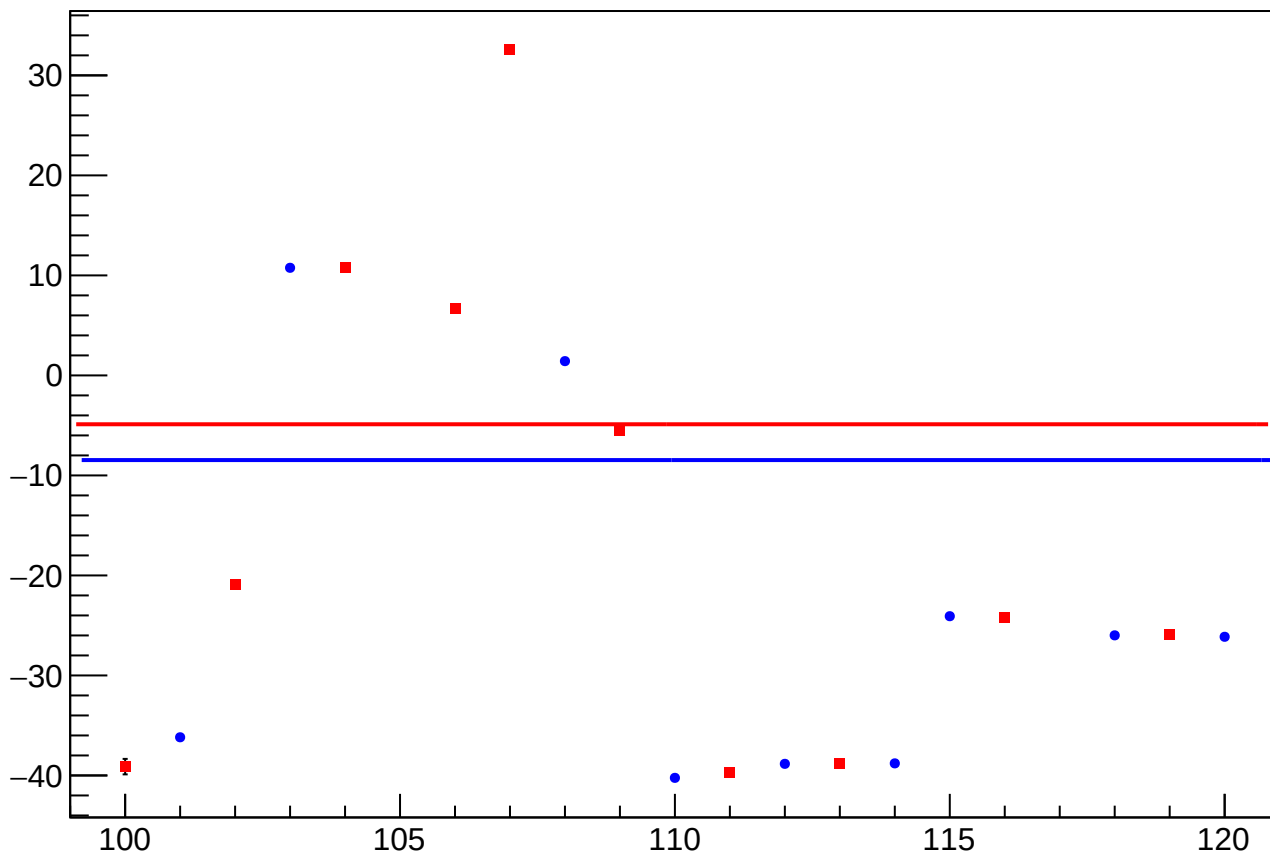
Right: 11.918 $\pm$ 0.858 χ^2 /NDF: 347.2/18

In: 18.677 $\pm$ 1.256 χ^2 /NDF:171.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 11.918 $\pm$ 0.858 χ^2 /NDF: 347.2/18

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.465+/-0.064 χ^2/NDF : 101893.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.885+/-0.061 χ^2/NDF : 120907.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

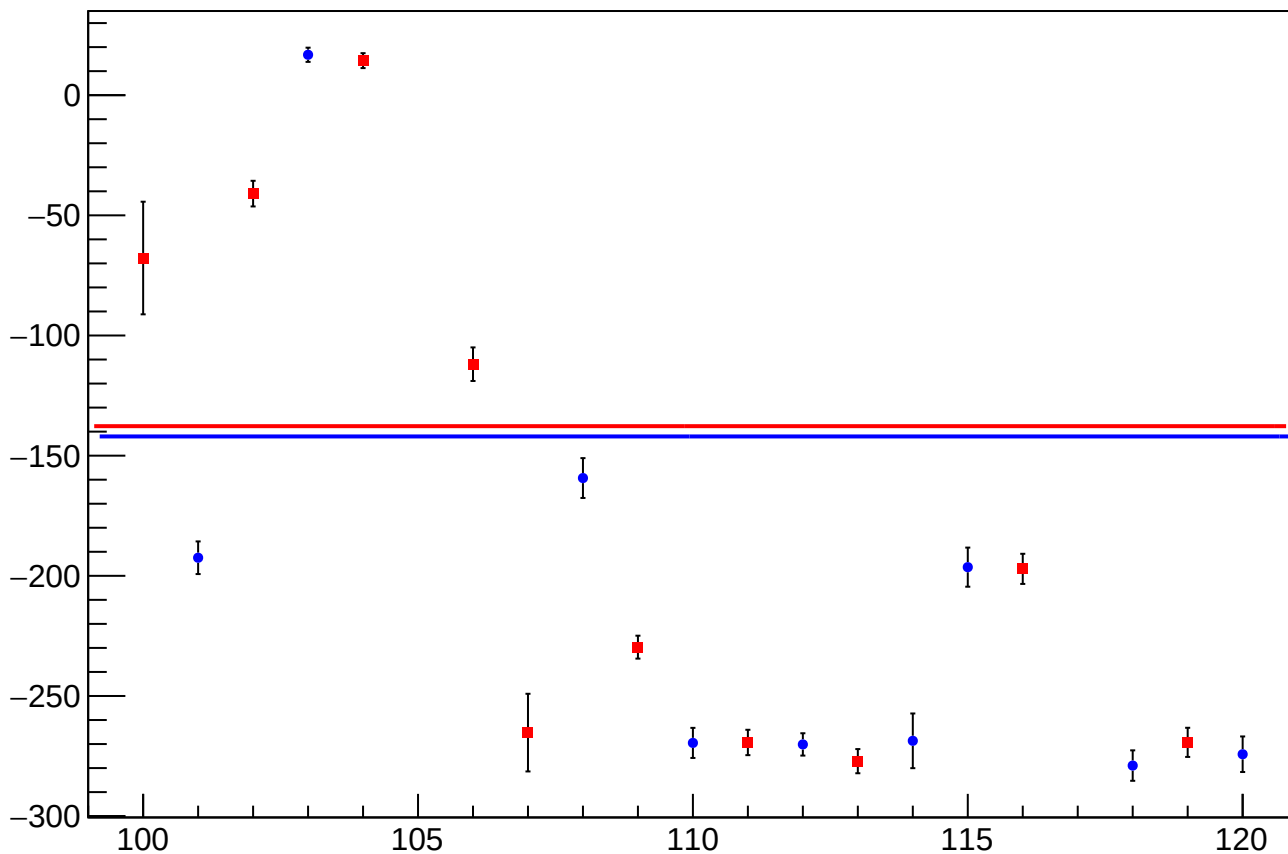
Right: -6.596+/-0.044 χ^2/NDF : 224438.4/18

In: -8.465+/-0.064 χ^2/NDF : 101893.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.596+/-0.044 χ^2/NDF : 224438.4/18

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -142.003+/-1.862 χ^2/NDF : 5076.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -137.729+/-1.722 χ^2/NDF : 5137.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

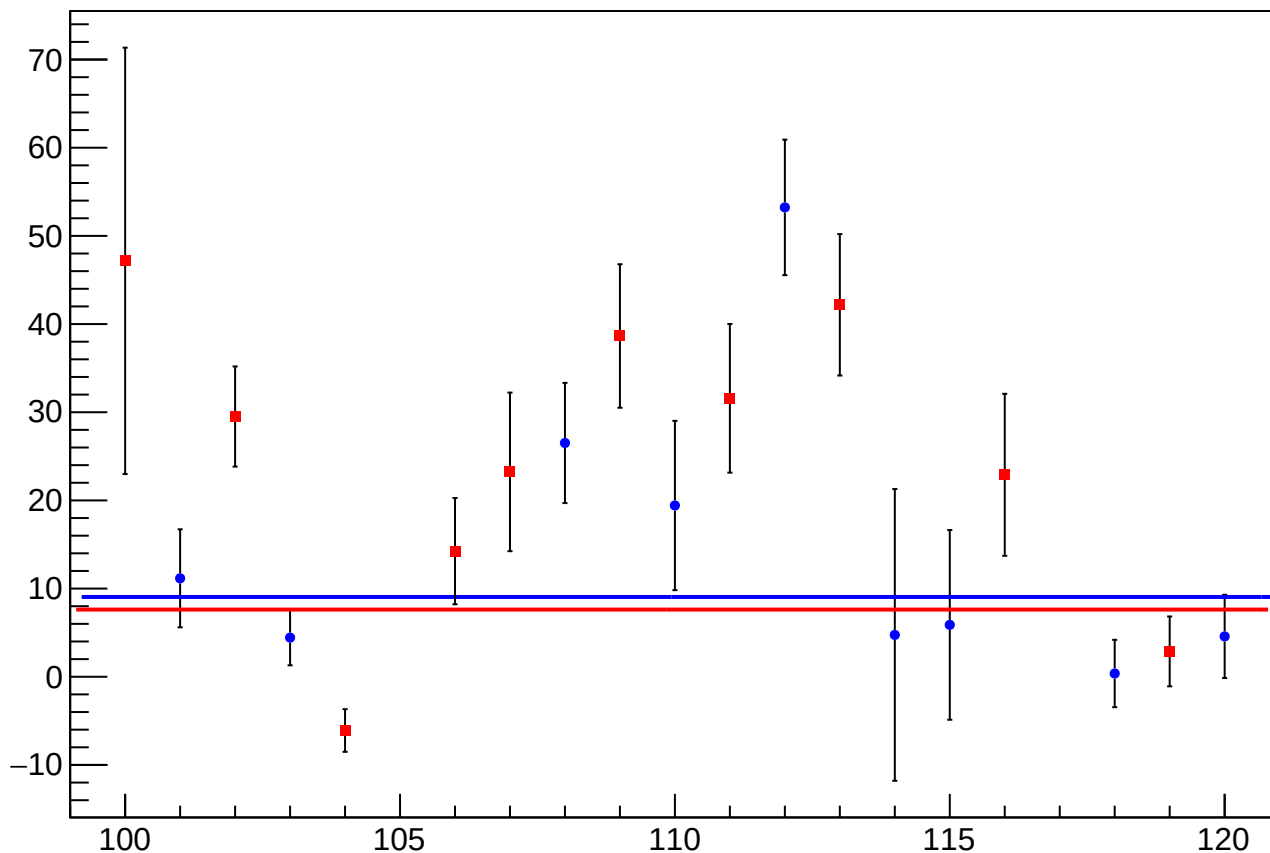
Right: -139.700+/-1.264 χ^2/NDF : 10216.1/18

In: -142.003+/-1.862 χ^2/NDF :5076.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -139.700+/-1.264 χ^2/NDF : 10216.1/18

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.048+/-1.800 χ^2/NDF : 49.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.620+/-1.658 χ^2/NDF : 99.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

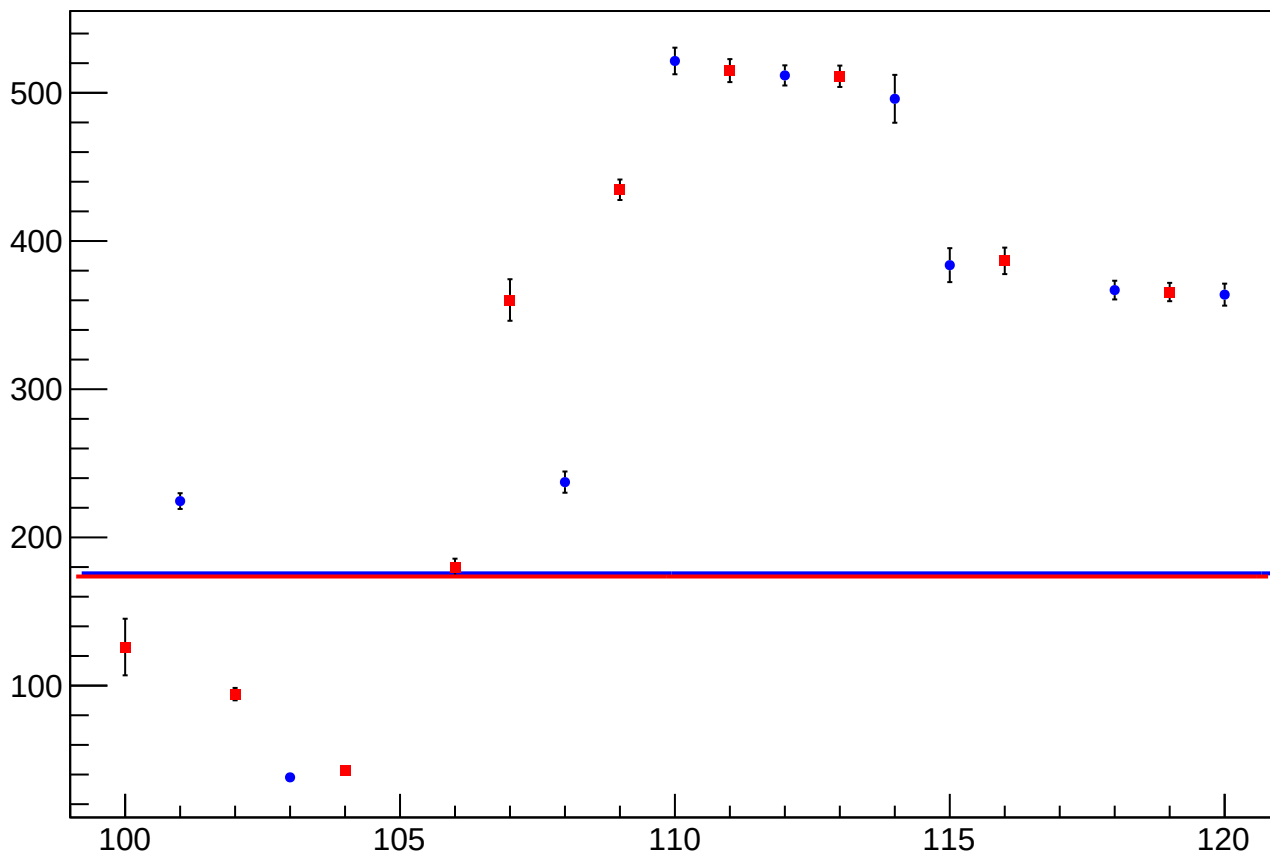
Right: 8.276+/-1.219 χ^2/NDF : 148.9/18

In: 9.048+/-1.800 χ^2/NDF : 49.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.276+/-1.219 χ^2/NDF : 148.9/18

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 175.740 $\pm$ 1.743 χ^2 /NDF: 9879.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 173.630 $\pm$ 1.674 χ^2 /NDF: 10484.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

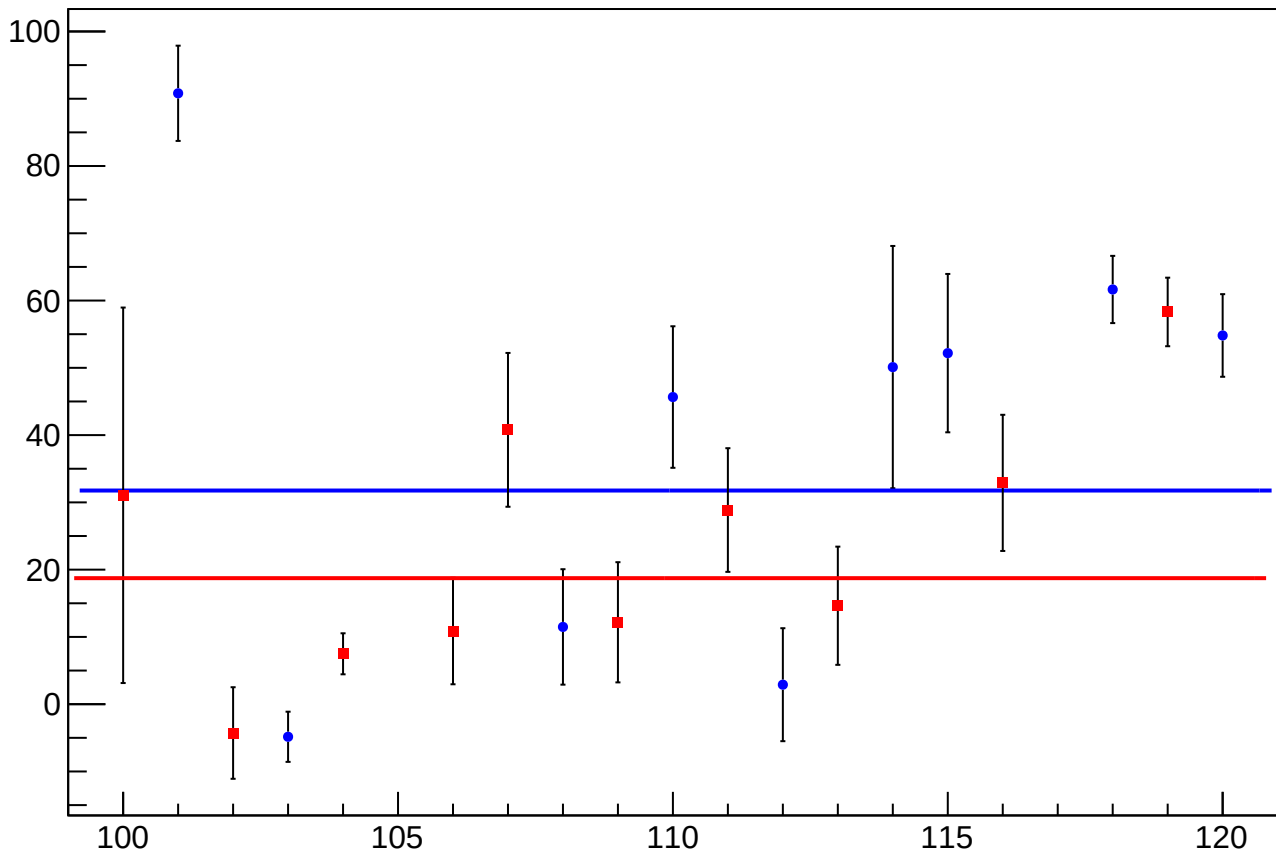
Right: 174.642 $\pm$ 1.207 χ^2 /NDF: 20363.7/18

In: 175.740 $\pm$ 1.743 χ^2 /NDF:9879.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 174.642 $\pm$ 1.207 χ^2 /NDF: 20363.7/18

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 31.761+/-2.206 χ^2/NDF : 238.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.735+/-2.043 χ^2/NDF : 94.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

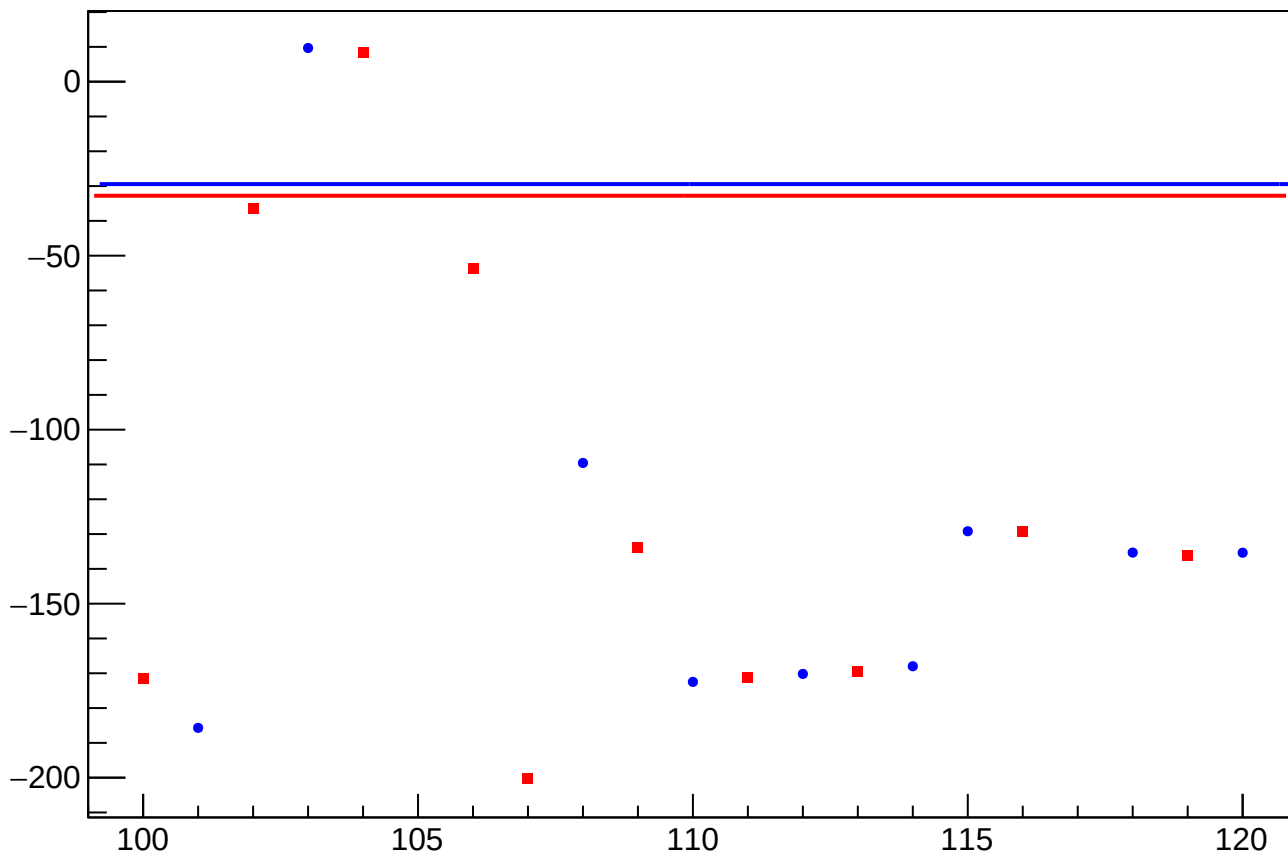
Right: 24.749+/-1.499 χ^2/NDF : 351.9/18

In: 31.761+/-2.206 χ^2/NDF : 238.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.749+/-1.499 χ^2/NDF : 351.9/18

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -29.434 $\pm$ 0.083 χ^2 /NDF: 693319.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -32.775 $\pm$ 0.084 χ^2 /NDF: 467104.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

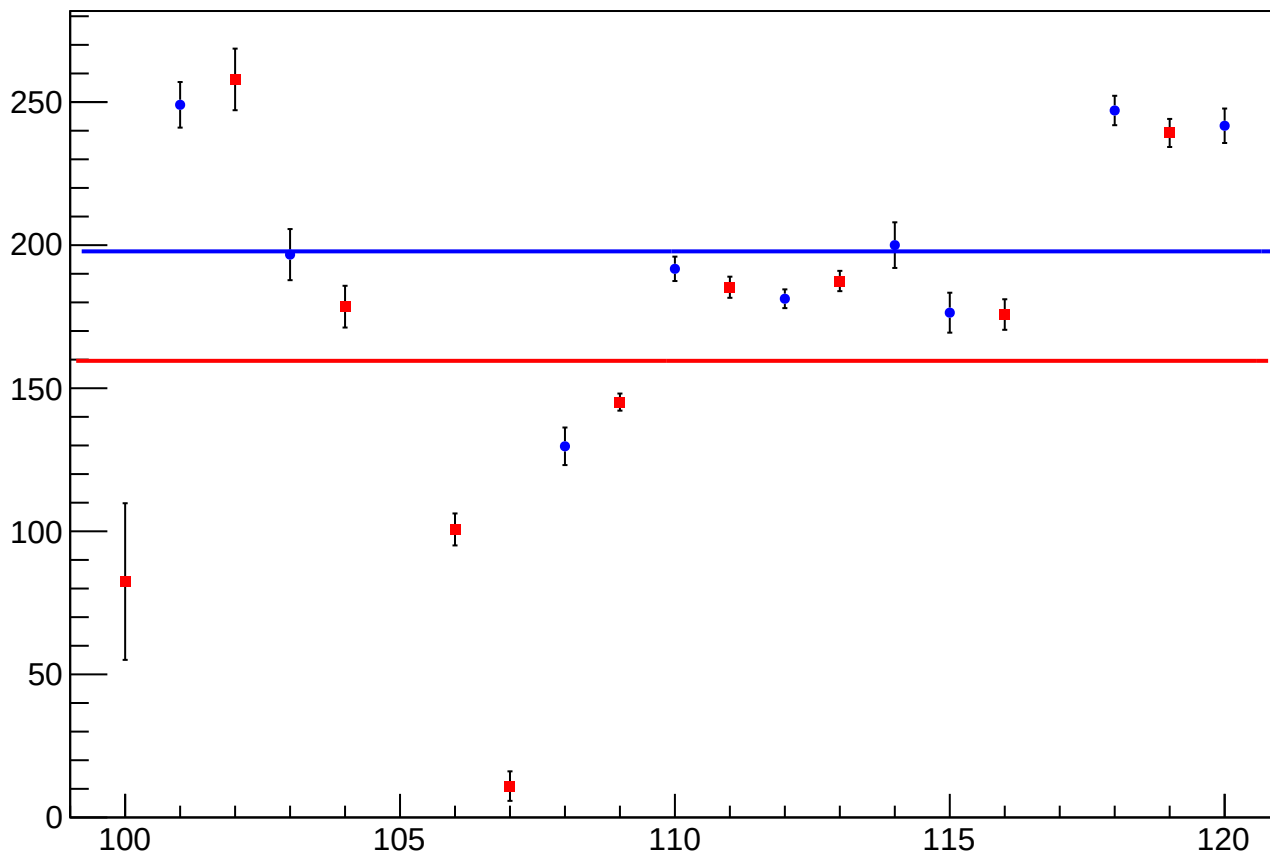
Right: -31.094 $\pm$ 0.059 χ^2 /NDF: 1161220.0/18

In: -29.434 $\pm$ 0.083 χ^2 /NDF:693319.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -31.094 $\pm$ 0.059 χ^2 /NDF: 1161220.0/18

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 197.832 $\pm$ 1.821 χ^2 /NDF: 331.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 159.575 $\pm$ 1.508 χ^2 /NDF: 1445.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

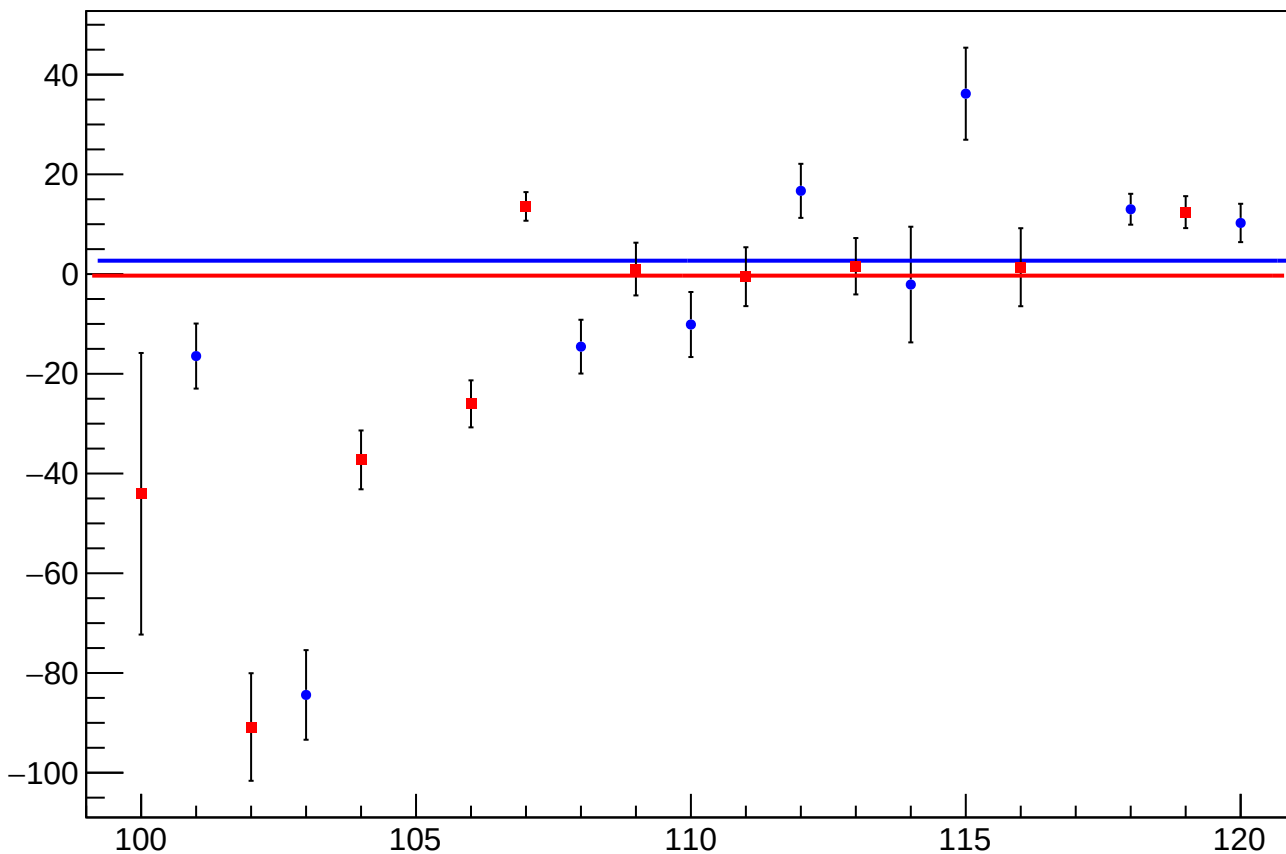
Right: 175.131 $\pm$ 1.161 χ^2 /NDF: 2038.5/18

In: 197.832 $\pm$ 1.821 χ^2 /NDF:331.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 175.131 $\pm$ 1.161 χ^2 /NDF: 2038.5/18

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.683+/-1.771 χ^2/NDF : 151.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.313+/-1.553 χ^2/NDF : 181.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

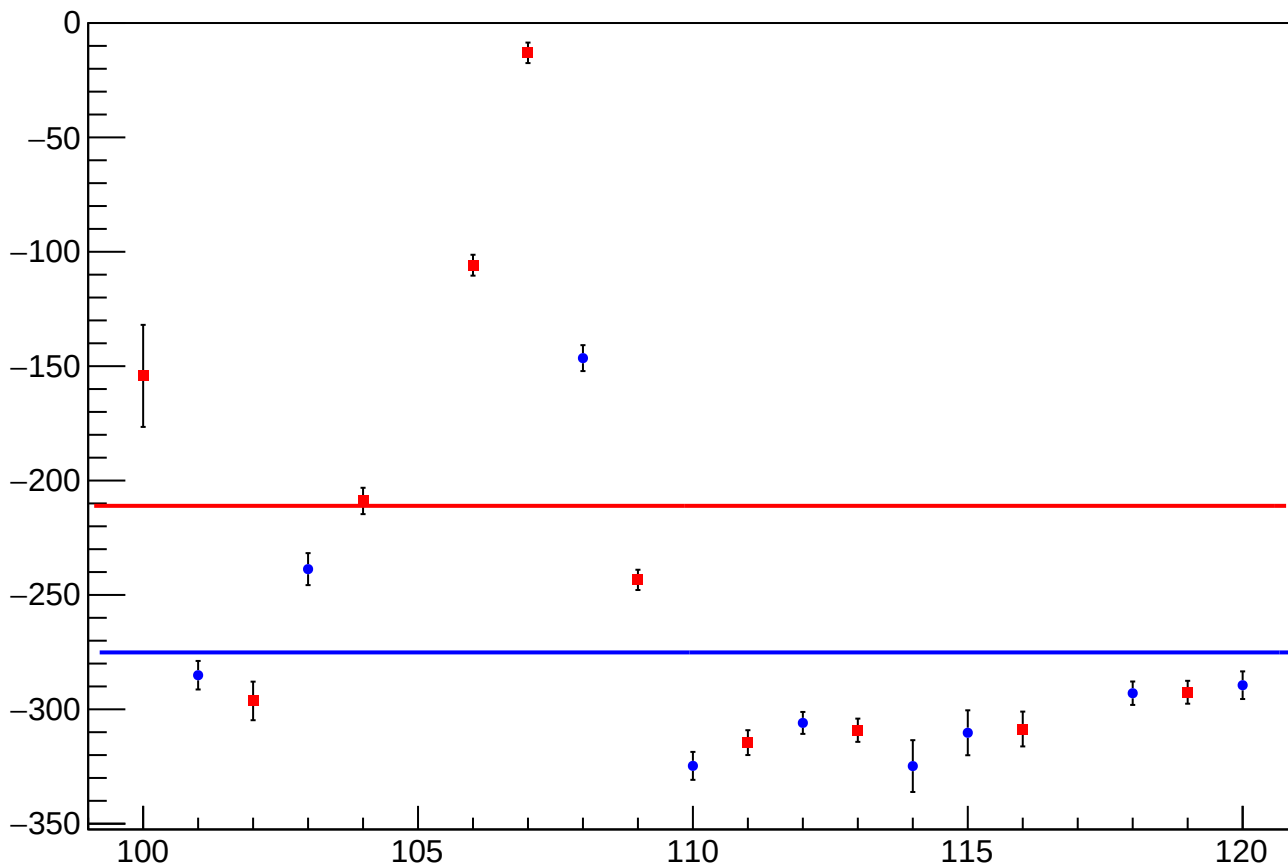
Right: 0.990+/-1.168 χ^2/NDF : 334.4/18

In: 2.683+/-1.771 χ^2/NDF : 151.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.990+/-1.168 χ^2/NDF : 334.4/18

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -275.128+/-2.079 χ^2/NDF : 702.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -211.053+/-1.754 χ^2/NDF : 3815.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

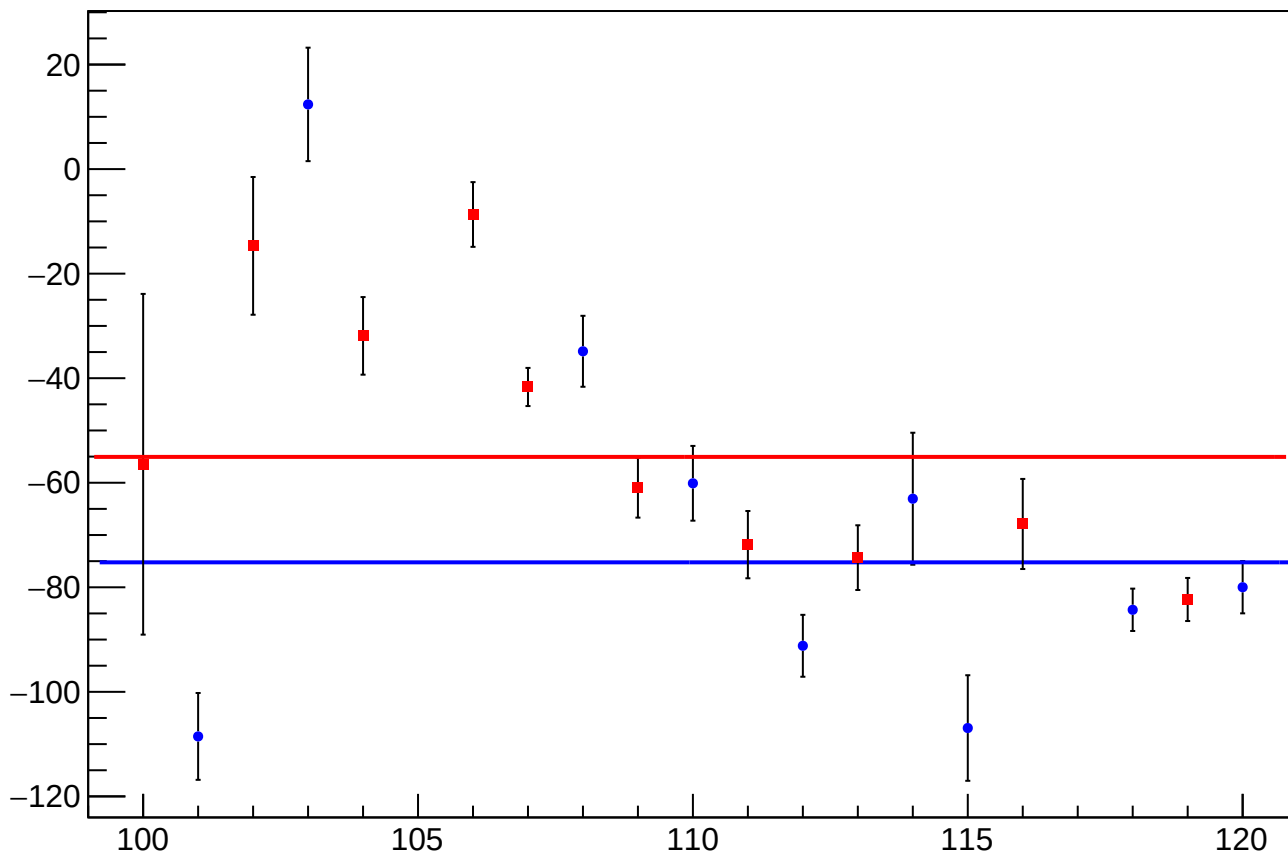
Right: -237.693+/-1.341 χ^2/NDF : 5072.8/18

In: -275.128+/-2.079 χ^2/NDF : 702.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -237.693+/-1.341 χ^2/NDF : 5072.8/18

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -75.226+/-2.183 χ^2/NDF : 145.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -55.056+/-1.893 χ^2/NDF : 152.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

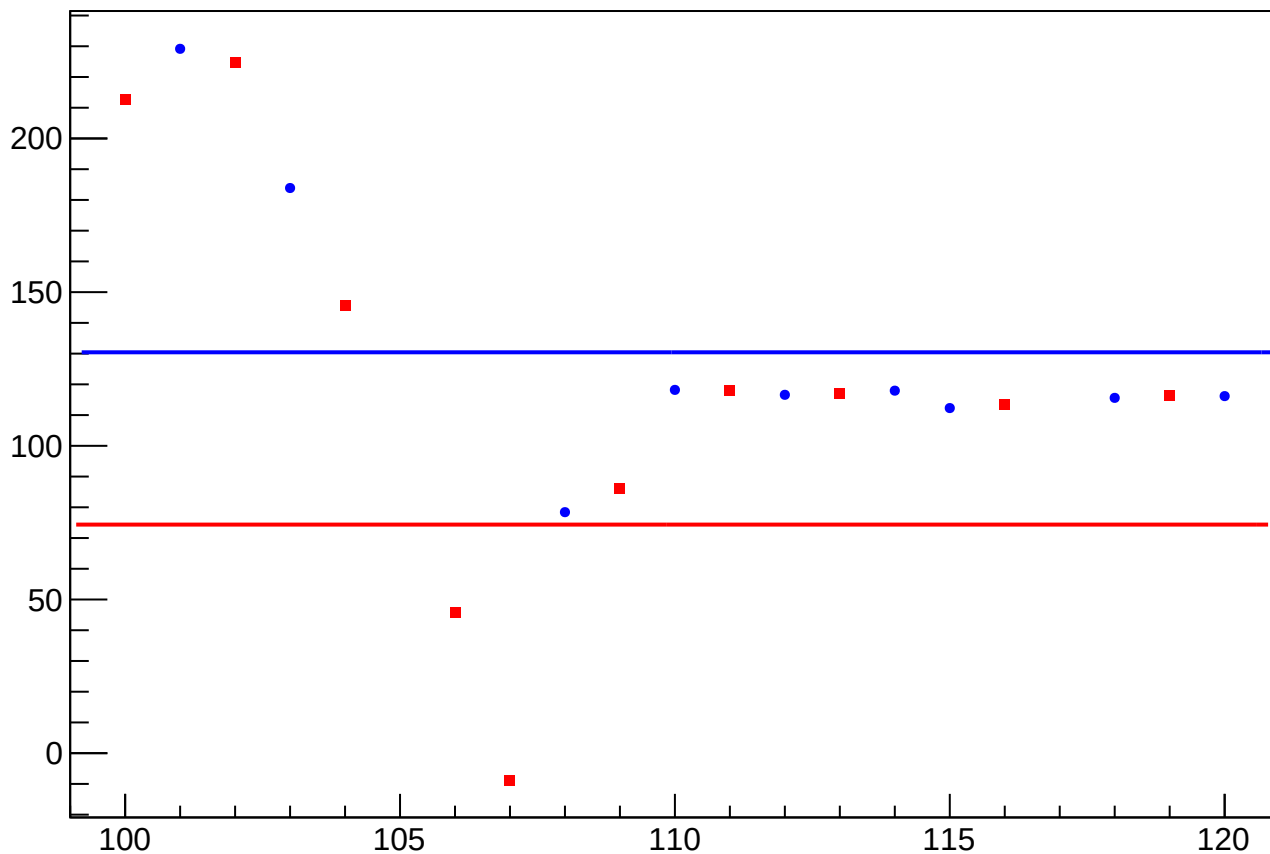
Right: -63.712+/-1.430 χ^2/NDF : 346.0/18

In: -75.226+/-2.183 χ^2/NDF :145.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -63.712+/-1.430 χ^2/NDF : 346.0/18

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 130.428+/-0.127 χ^2/NDF : 157714.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.372+/-0.098 χ^2/NDF : 509769.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

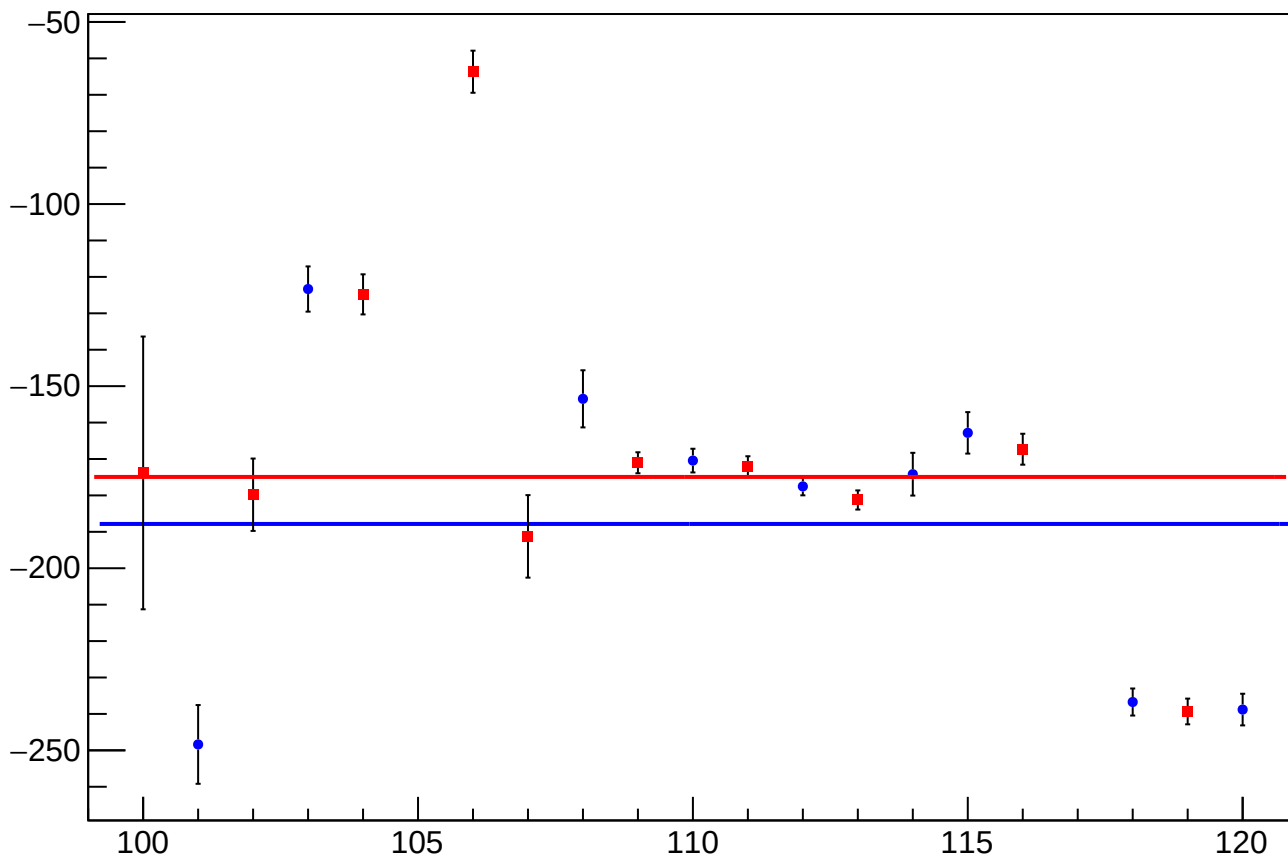
Right: 95.284+/-0.078 χ^2/NDF : 789176.3/18

In: 130.428+/-0.127 χ^2/NDF : 157714.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.284+/-0.078 χ^2/NDF : 789176.3/18

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -187.837+/-1.418 χ^2/NDF : 540.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -174.927+/-1.277 χ^2/NDF : 800.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

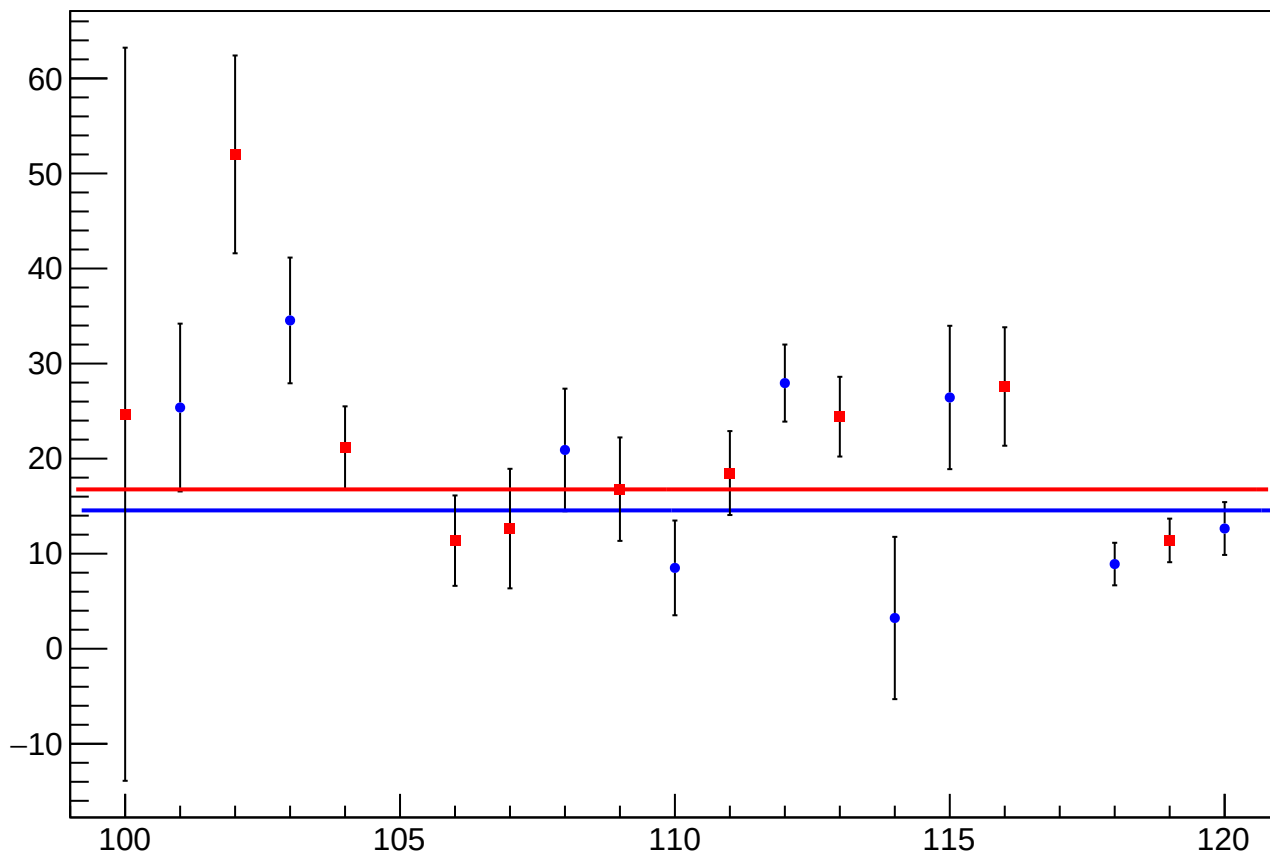
Right: -180.708+/-0.949 χ^2/NDF : 1386.7/18

In: -187.837+/-1.418 χ^2/NDF : 540.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -180.708+/-0.949 χ^2/NDF : 1386.7/18

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.552+/-1.385 χ^2/NDF : 35.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.762+/-1.428 χ^2/NDF : 26.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

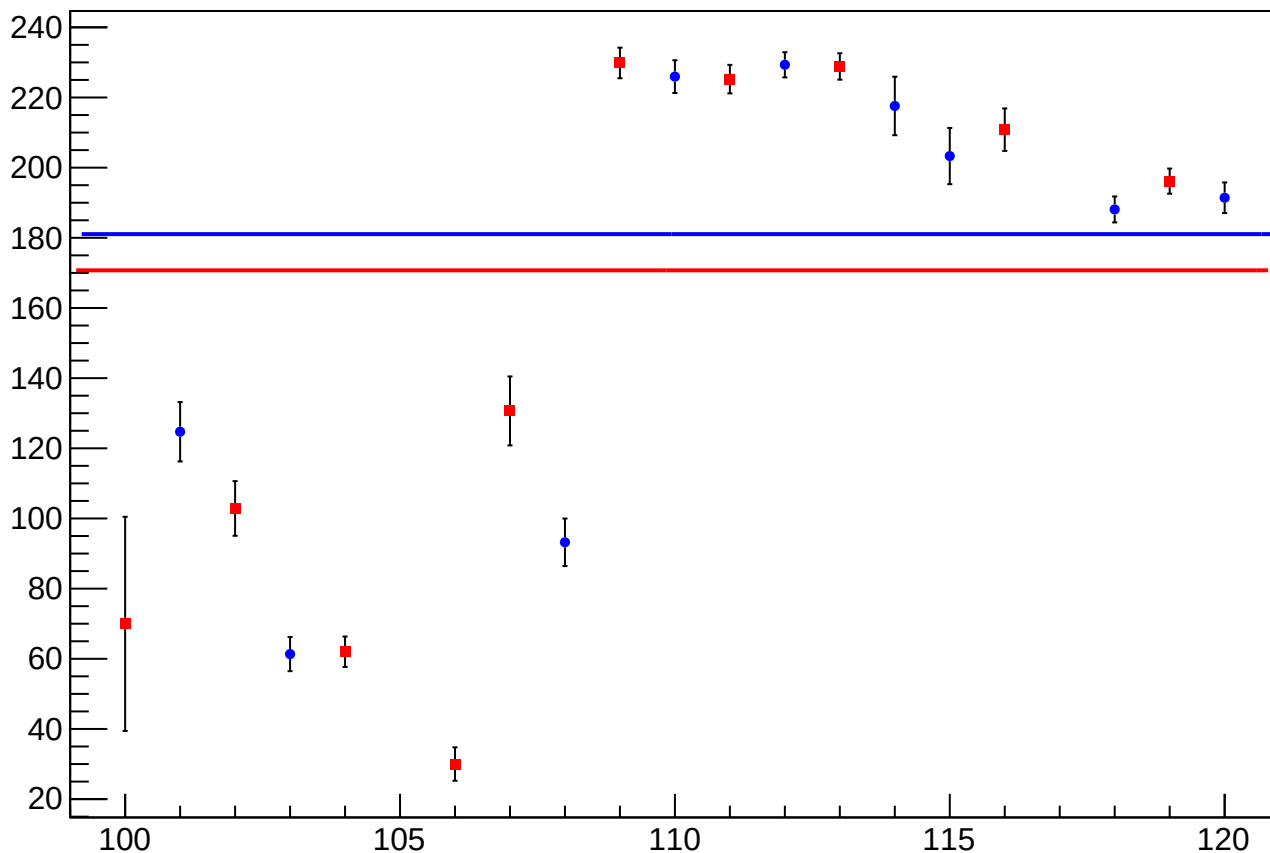
Right: 15.623+/-0.994 χ^2/NDF : 62.5/18

In: 14.552+/-1.385 χ^2/NDF : 35.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.623+/-0.994 χ^2/NDF : 62.5/18

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 181.049+/-1.673 χ^2/NDF : 1126.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 170.733+/-1.555 χ^2/NDF : 2295.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

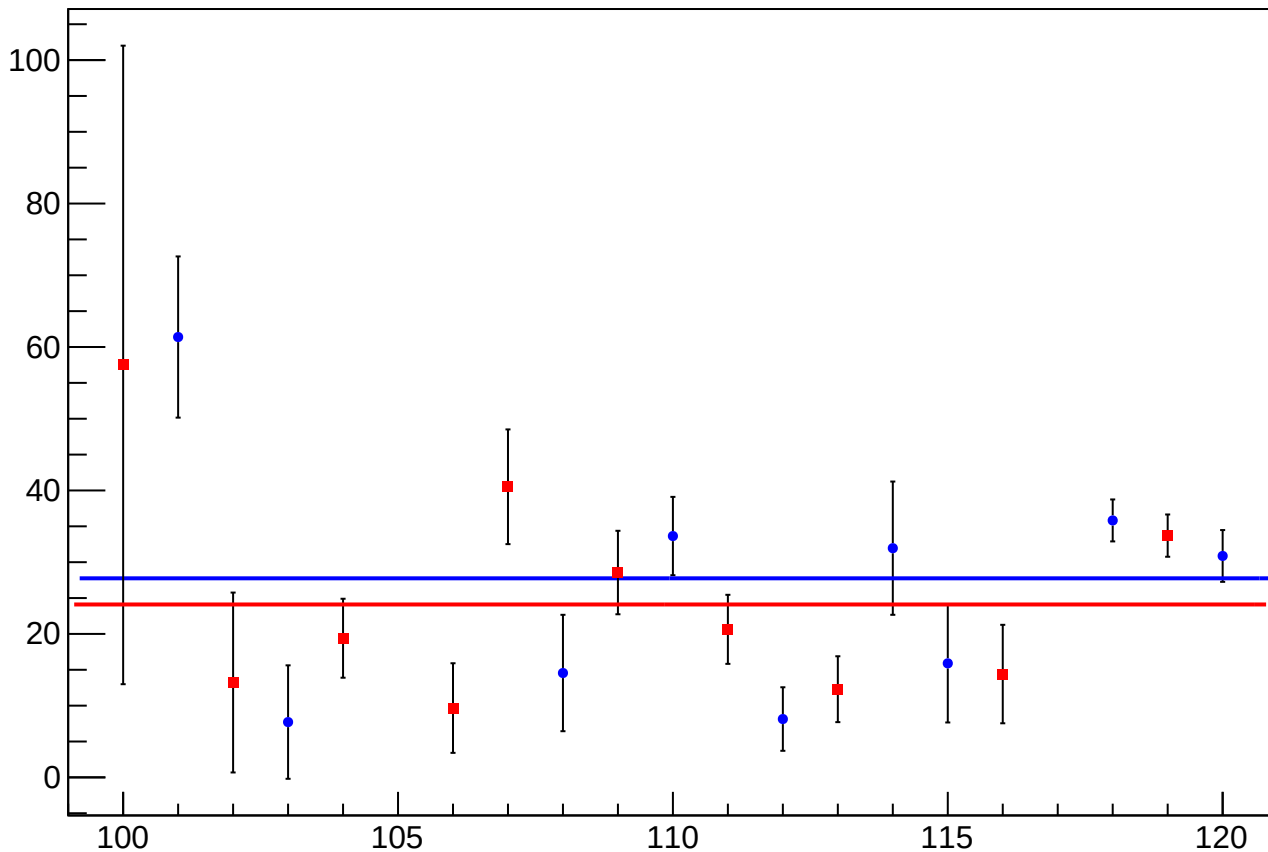
Right: 175.515+/-1.139 χ^2/NDF : 3442.4/18

In: 181.049+/-1.673 χ^2/NDF : 1126.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.515+/-1.139 χ^2/NDF : 3442.4/18

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 27.751+/-1.706 χ^2/NDF : 49.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.105+/-1.721 χ^2/NDF : 31.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

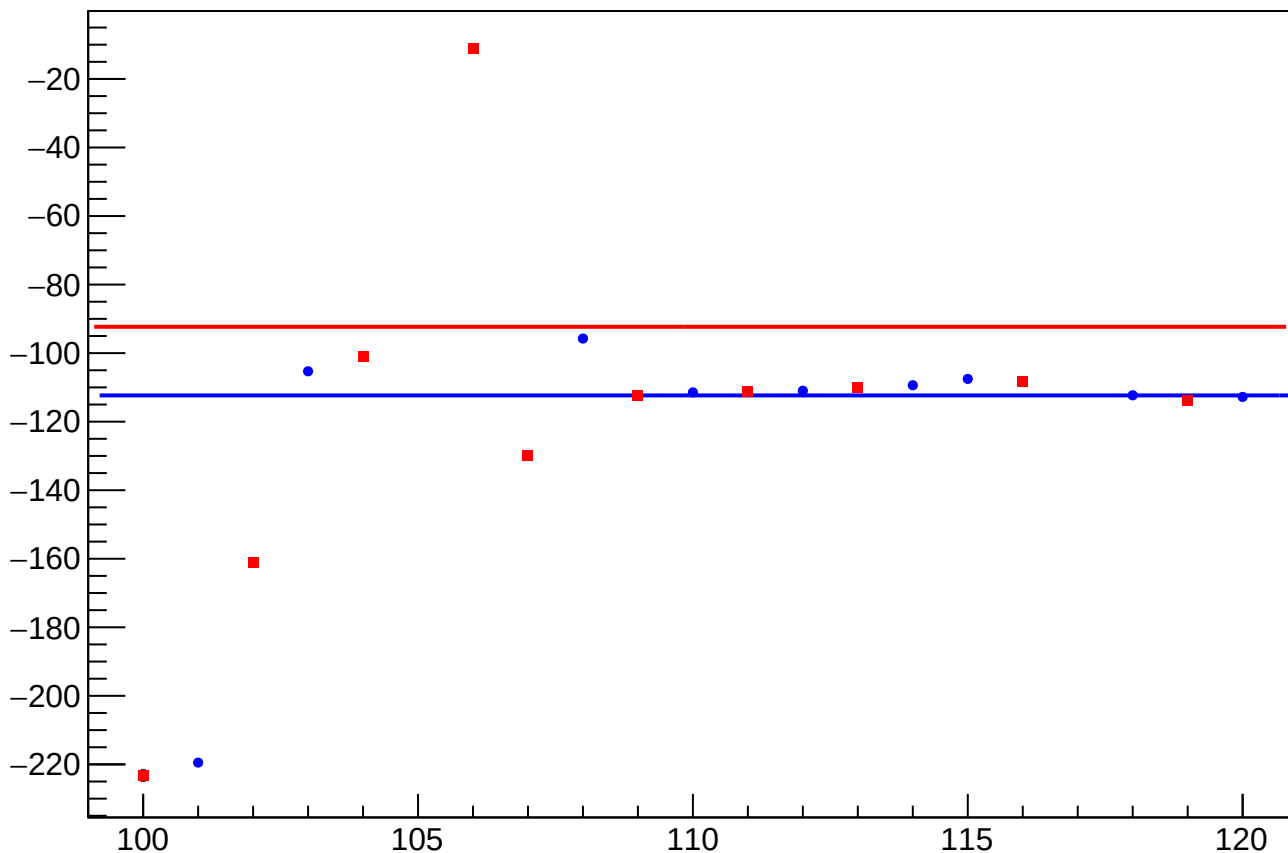
Right: 25.944+/-1.212 χ^2/NDF : 83.6/18

In: 27.751+/-1.706 χ^2/NDF : 49.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.944+/-1.212 χ^2/NDF : 83.6/18

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -112.343+/-0.108 χ^2/NDF : 50333.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -92.312+/-0.094 χ^2/NDF : 243488.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

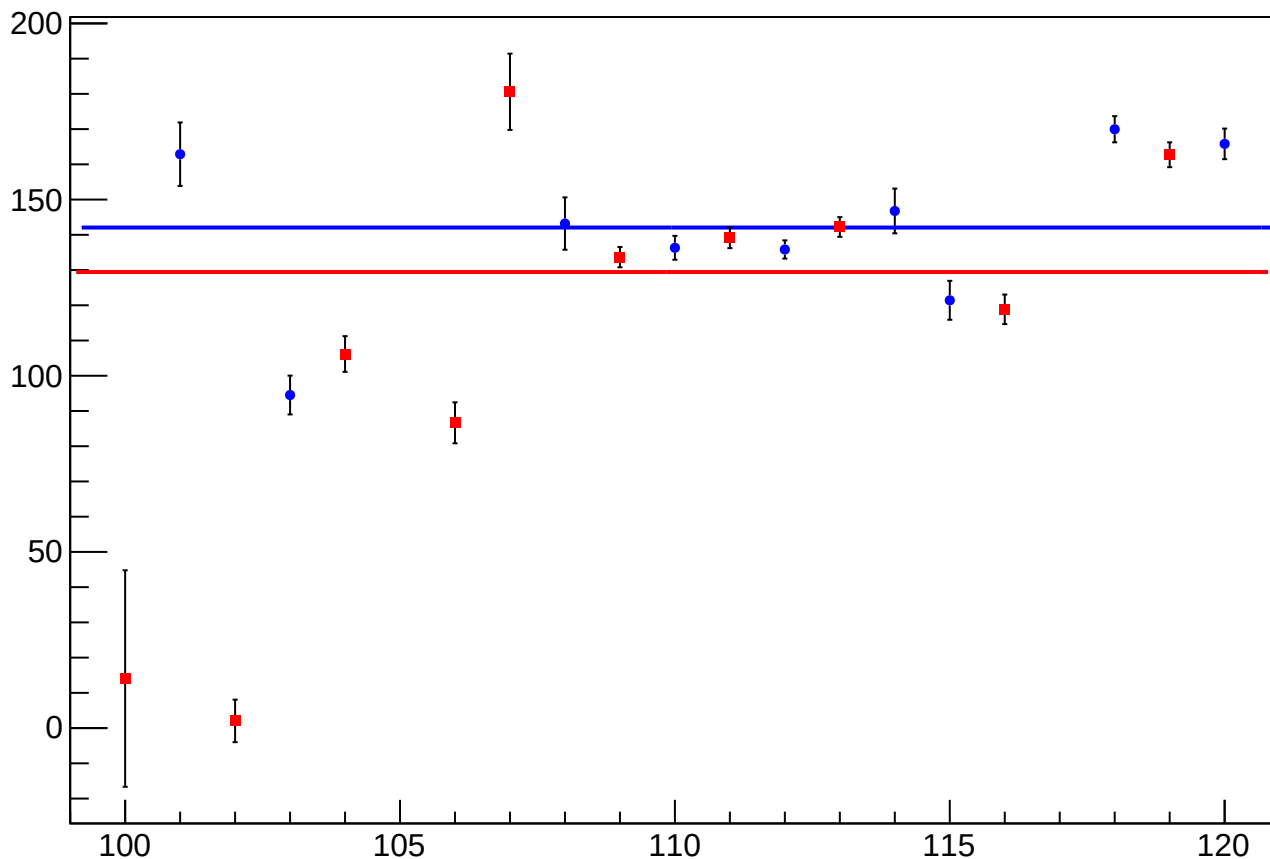
Right: -100.999+/-0.071 χ^2/NDF : 313312.7/18

In: -112.343+/-0.108 χ^2/NDF : 50333.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -100.999+/-0.071 χ^2/NDF : 313312.7/18

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 142.064 $\pm$ 1.439 χ^2 /NDF: 189.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 129.436 $\pm$ 1.282 χ^2 /NDF: 687.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

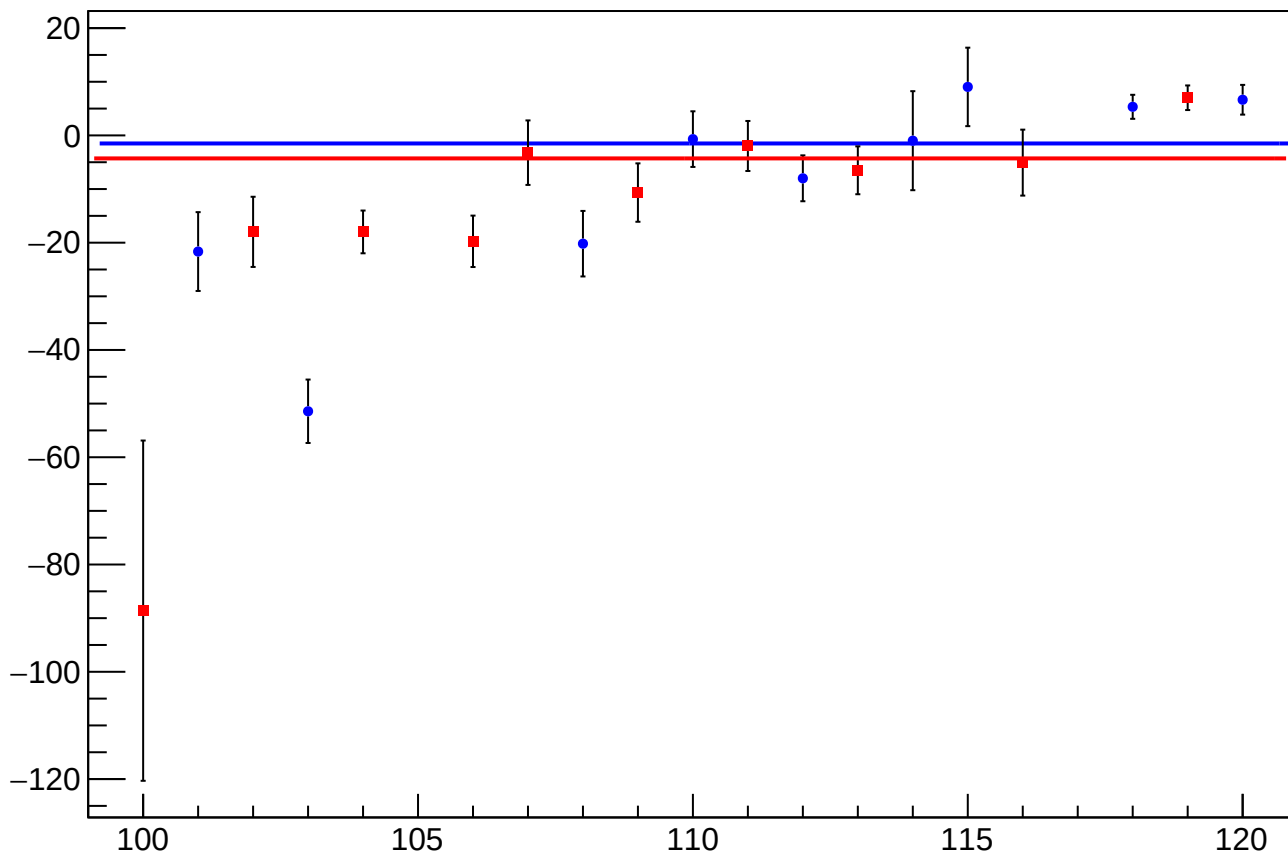
Right: 135.026 $\pm$ 0.957 χ^2 /NDF: 919.7/18

In: 142.064 $\pm$ 1.439 χ^2 /NDF:189.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 135.026 $\pm$ 0.957 χ^2 /NDF: 919.7/18

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.504+/-1.379 χ^2 /NDF: 110.6/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -4.289+/-1.407 χ^2 /NDF: 59.9/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

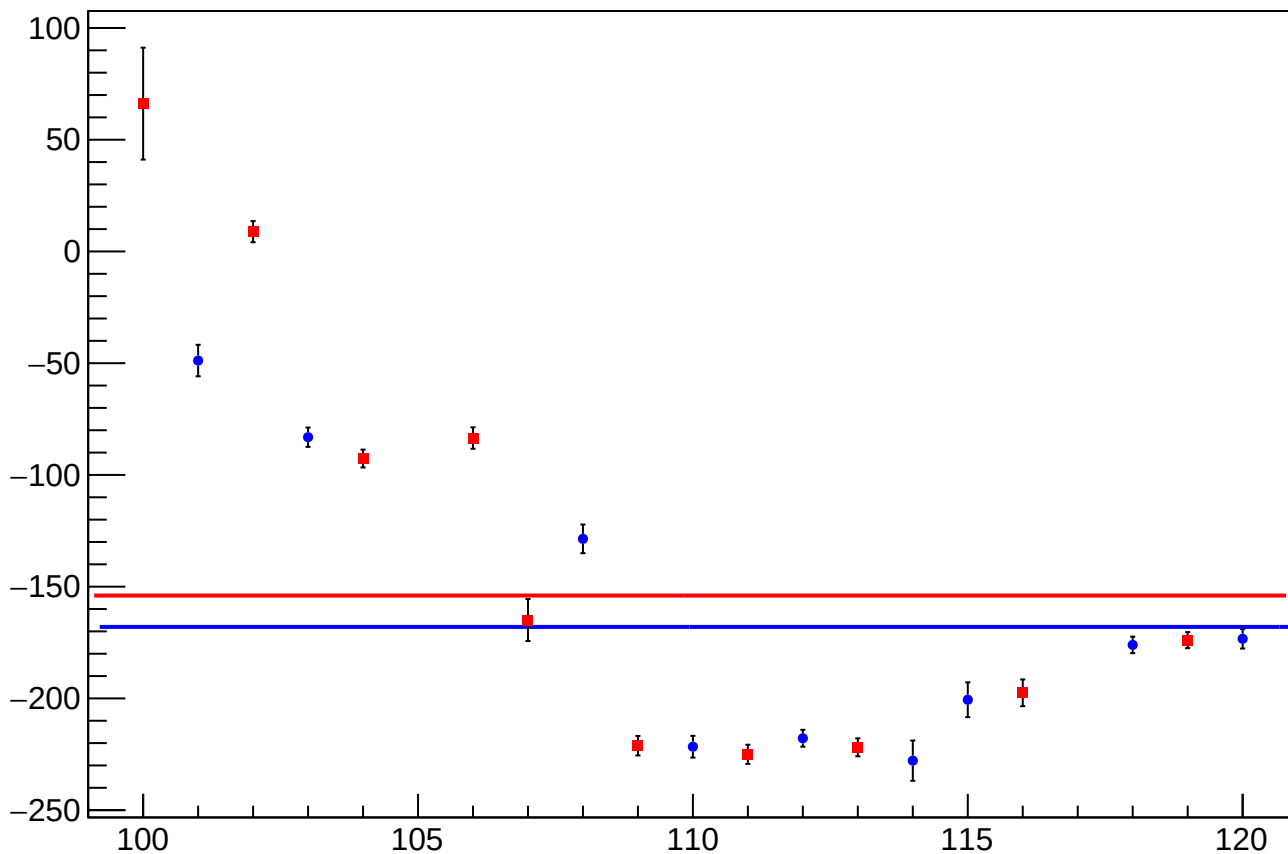
Right: -2.869+/-0.985 χ^2 /NDF: 172.5/18

In: -1.504+/-1.379 χ^2 /NDF:110.6/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2.869+/-0.985 χ^2 /NDF: 172.5/18

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -168.003+/-1.656 χ^2/NDF : 1072.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -153.975+/-1.510 χ^2/NDF : 2597.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

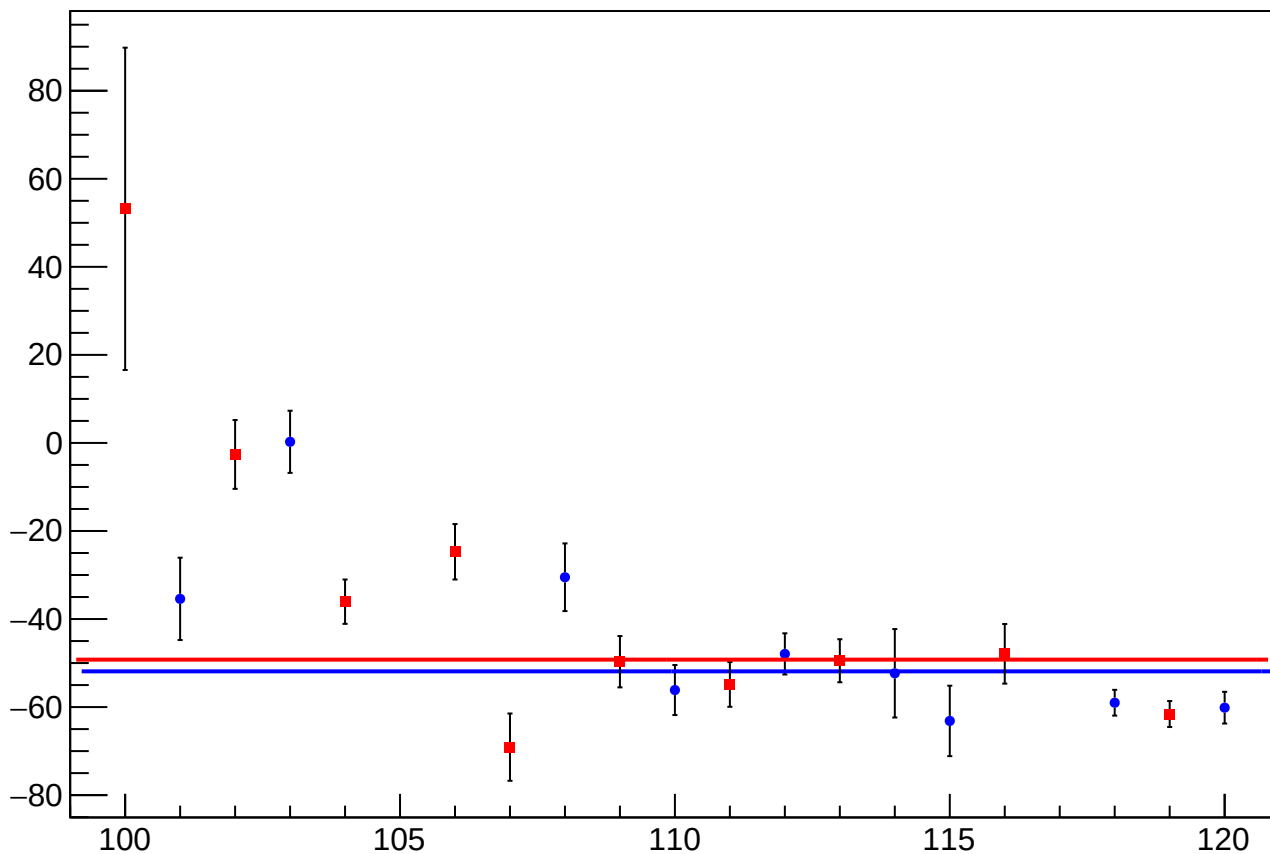
Right: -160.342+/-1.116 χ^2/NDF : 3709.2/18

In: -168.003+/-1.656 χ^2/NDF : 1072.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -160.342+/-1.116 χ^2/NDF : 3709.2/18

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -51.886 $\pm$ 1.704 χ^2 /NDF: 79.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -49.220 $\pm$ 1.701 χ^2 /NDF: 90.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

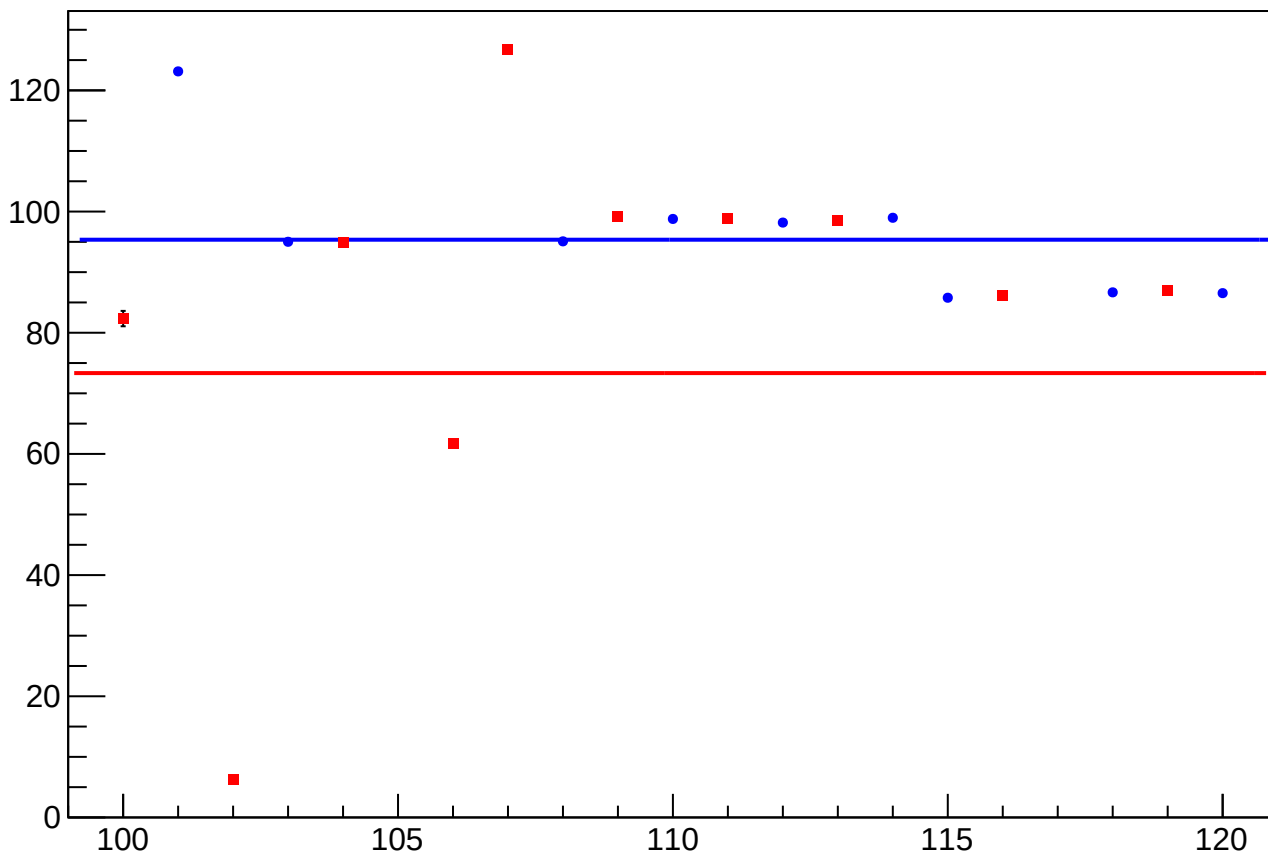
Right: -50.550 $\pm$ 1.204 χ^2 /NDF: 172.0/18

In: -51.886 $\pm$ 1.704 χ^2 /NDF: 79.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -50.550 $\pm$ 1.204 χ^2 /NDF: 172.0/18

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 95.354+/-0.103 χ^2/NDF : 6437.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.340+/-0.088 χ^2/NDF : 168009.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

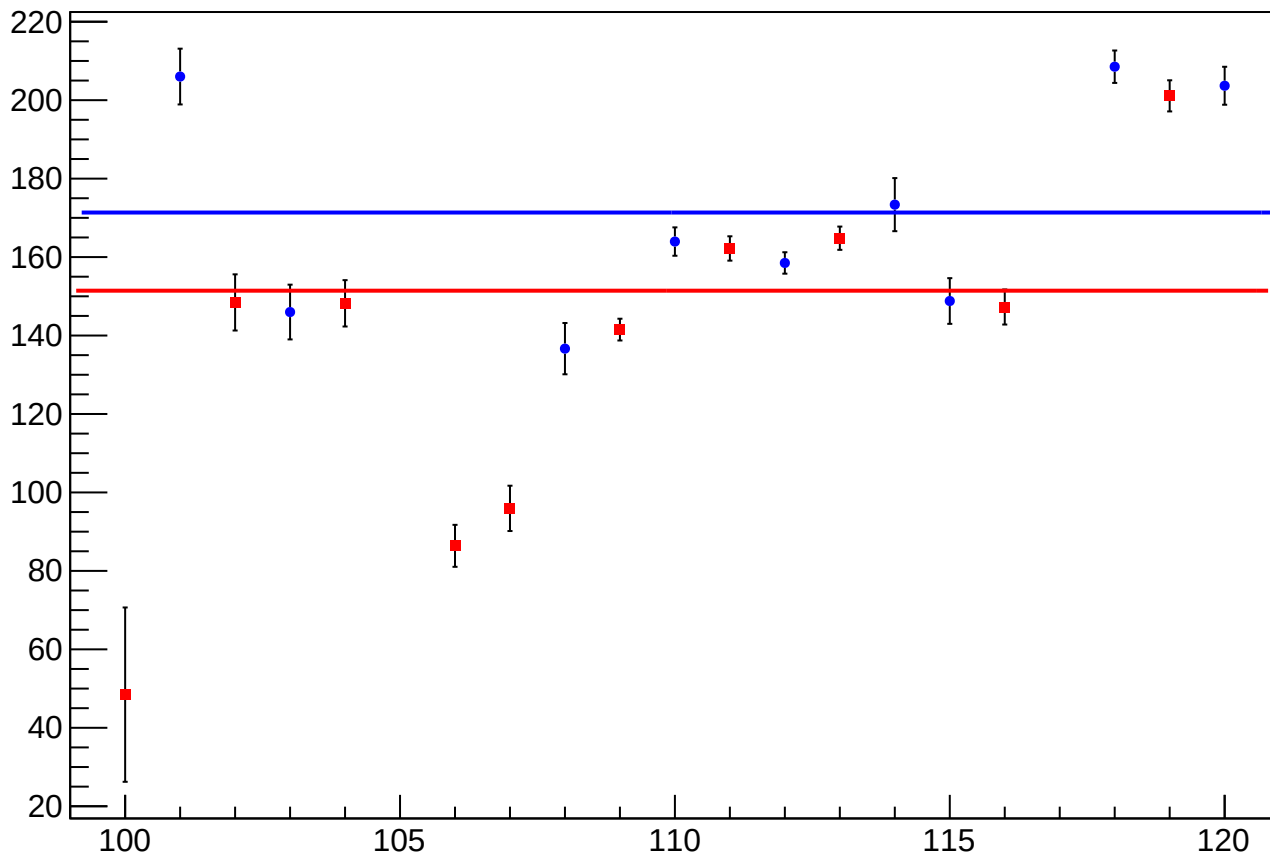
Right: 82.542+/-0.067 χ^2/NDF : 200835.7/18

In: 95.354+/-0.103 χ^2/NDF : 6437.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.542+/-0.067 χ^2/NDF : 200835.7/18

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 171.358+/-1.531 χ^2/NDF : 232.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 151.433+/-1.317 χ^2/NDF : 464.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

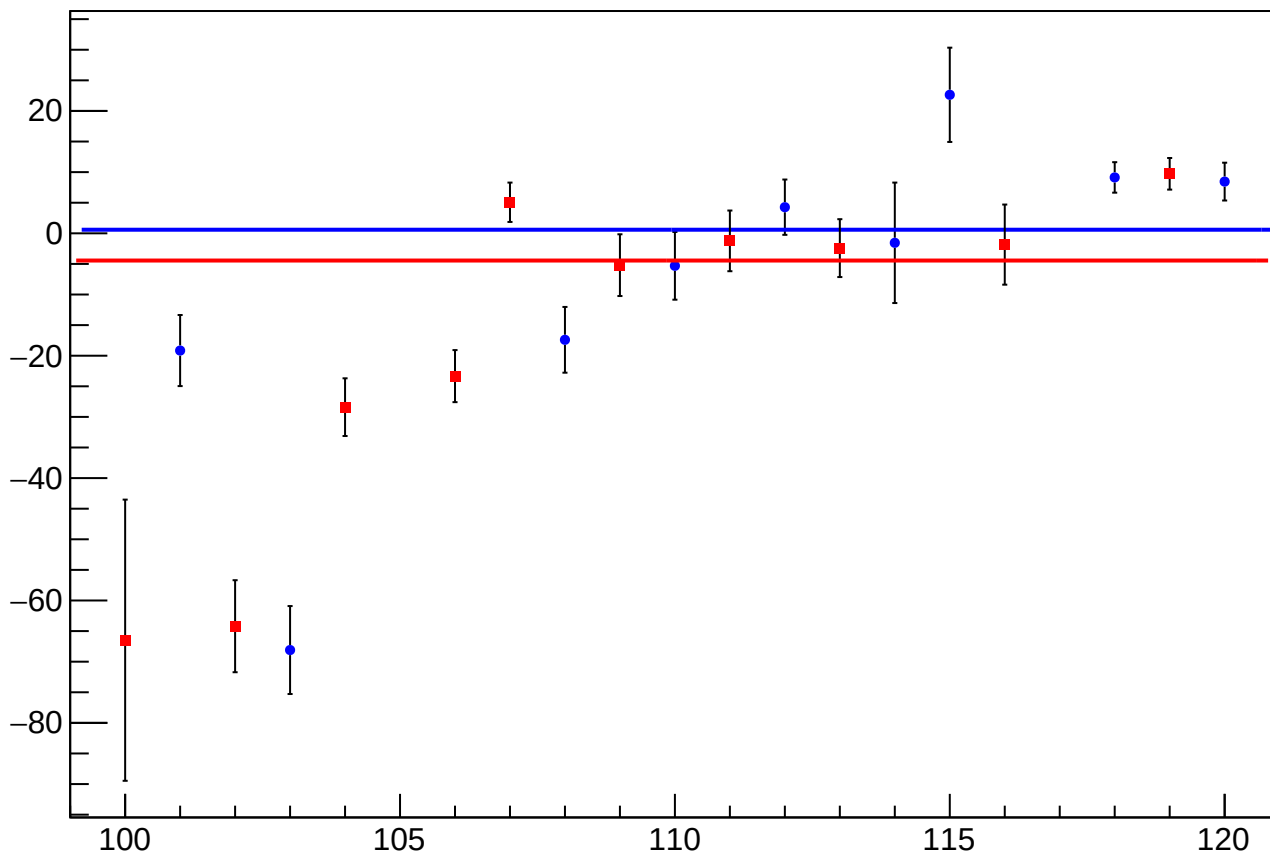
Right: 159.911+/-0.998 χ^2/NDF : 794.3/18

In: 171.358+/-1.531 χ^2/NDF :232.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 159.911+/-0.998 χ^2/NDF : 794.3/18

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.589+/-1.477 χ^2/NDF : 142.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.446+/-1.394 χ^2/NDF : 155.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

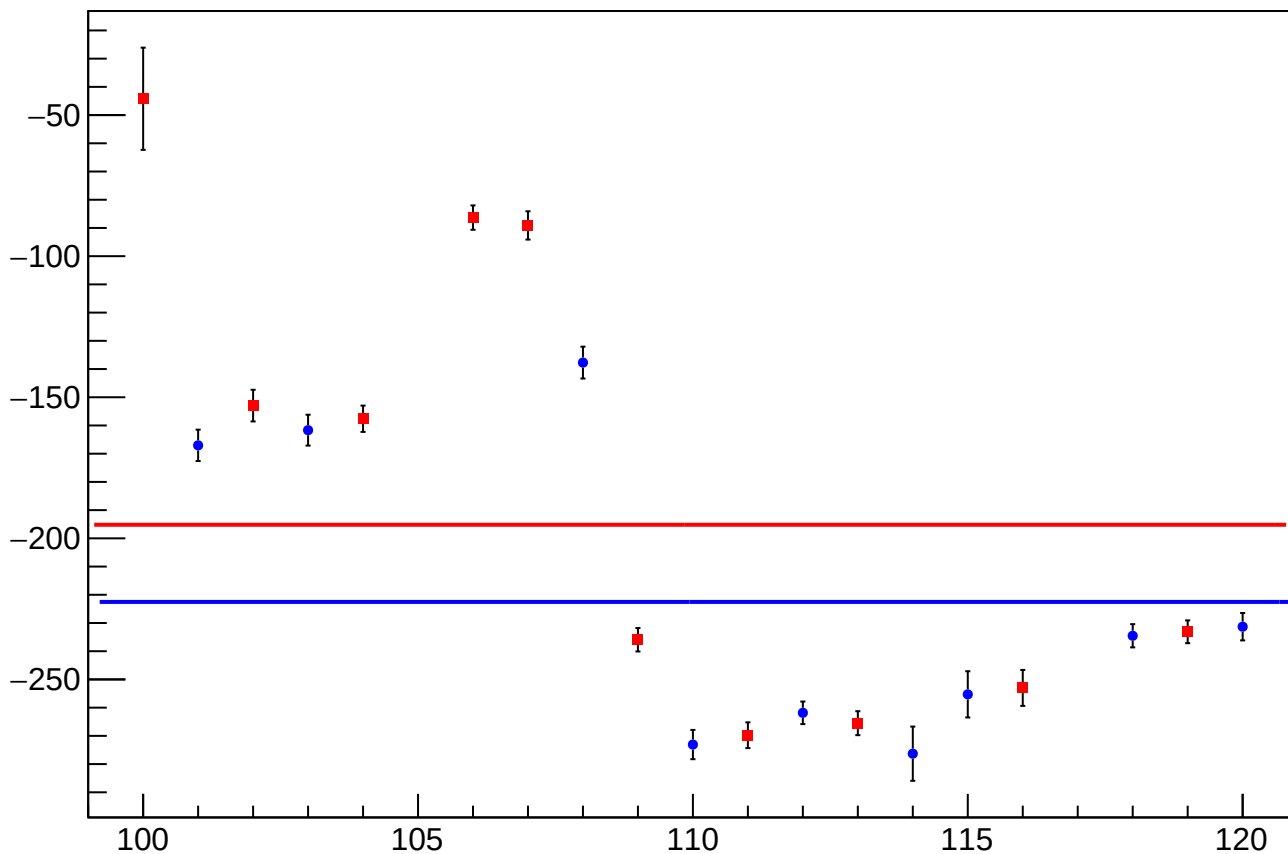
Right: -2.074+/-1.014 χ^2/NDF : 304.2/18

In: 0.589+/-1.477 χ^2/NDF : 142.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.074+/-1.014 χ^2/NDF : 304.2/18

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -222.528+/-1.757 χ^2/NDF : 699.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -195.188+/-1.540 χ^2/NDF : 2084.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

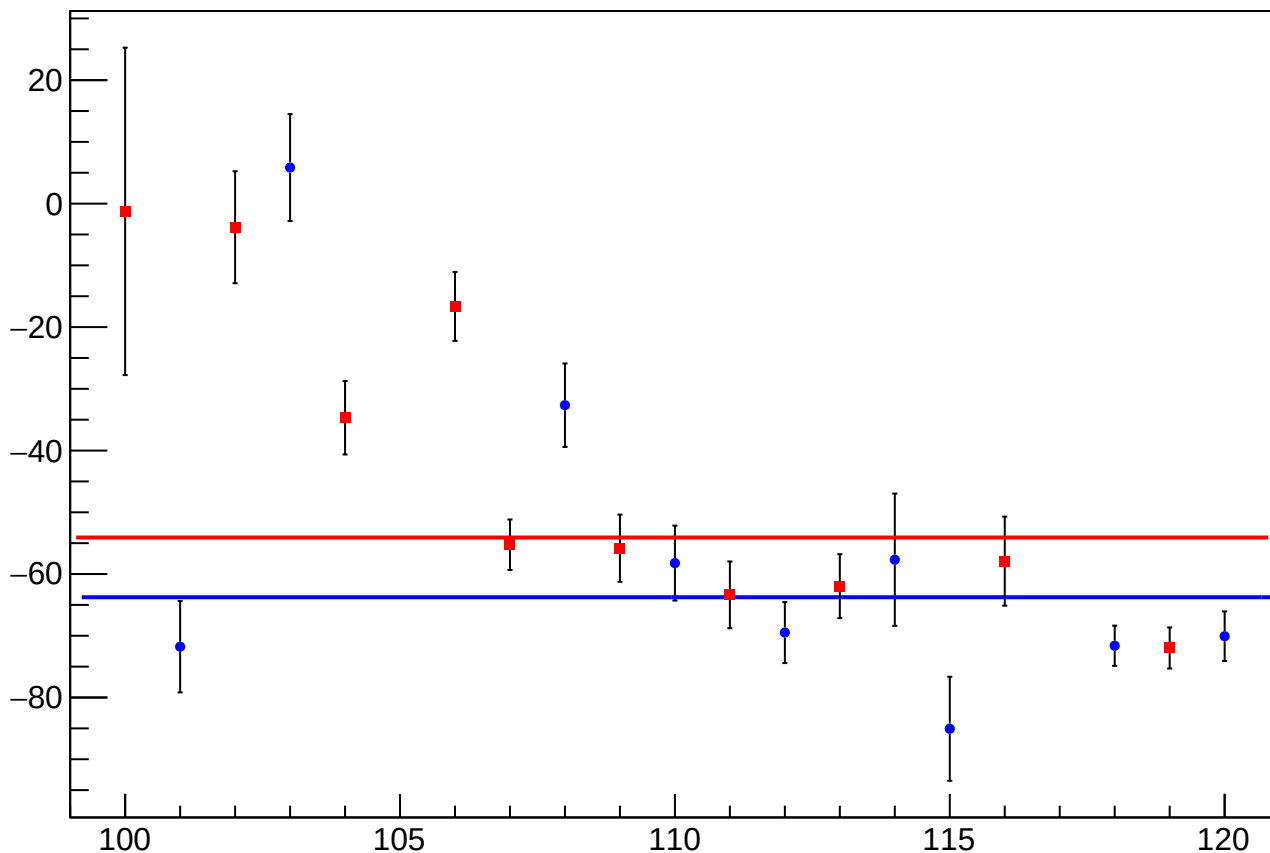
Right: -207.065+/-1.158 χ^2/NDF : 2921.2/18

In: -222.528+/-1.757 χ^2/NDF : 699.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -207.065+/-1.158 χ^2/NDF : 2921.2/18

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.759 ± 1.824 χ^2/NDF : 104.2/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -54.083 ± 1.693 χ^2/NDF : 124.9/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

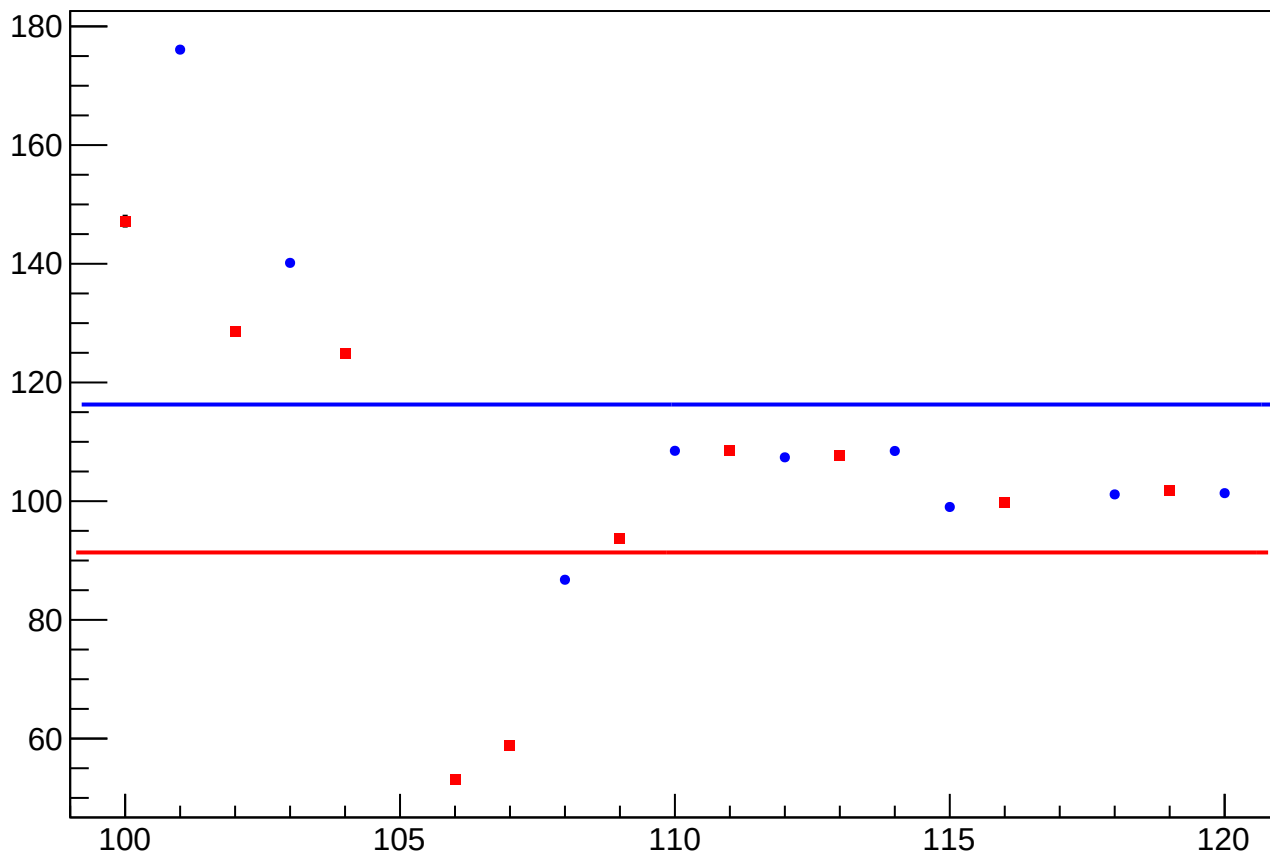
Right: -58.562 ± 1.241 χ^2/NDF : 244.3/18

In: -63.759 ± 1.824 χ^2/NDF : 104.2/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -58.562 ± 1.241 χ^2/NDF : 244.3/18

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 116.286+/-0.110 χ^2/NDF : 65208.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.359+/-0.087 χ^2/NDF : 119734.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

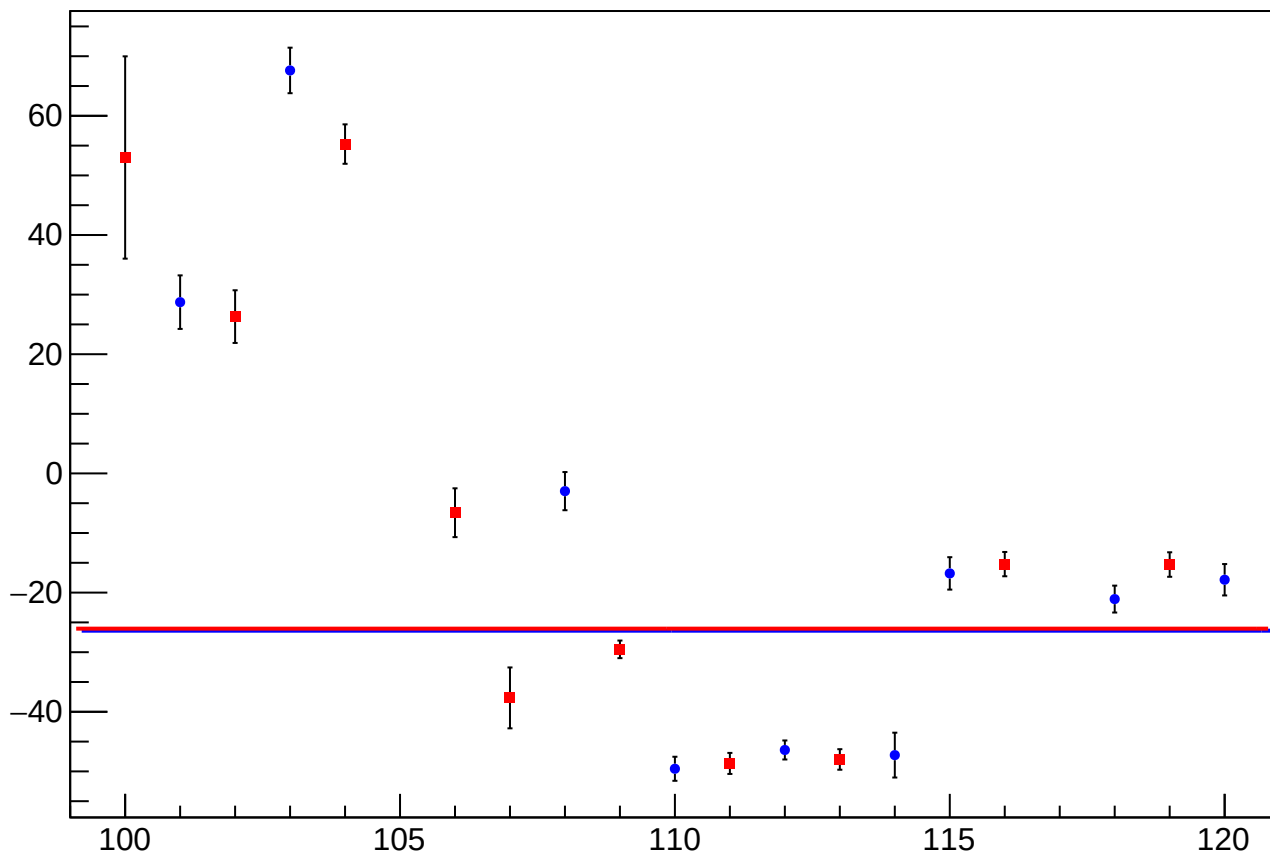
Right: 101.021+/-0.068 χ^2/NDF : 216468.3/18

In: 116.286+/-0.110 χ^2/NDF : 65208.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.021+/-0.068 χ^2/NDF : 216468.3/18

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -26.389+/-0.845 χ^2/NDF : 1158.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -26.049+/-0.738 χ^2/NDF : 1181.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

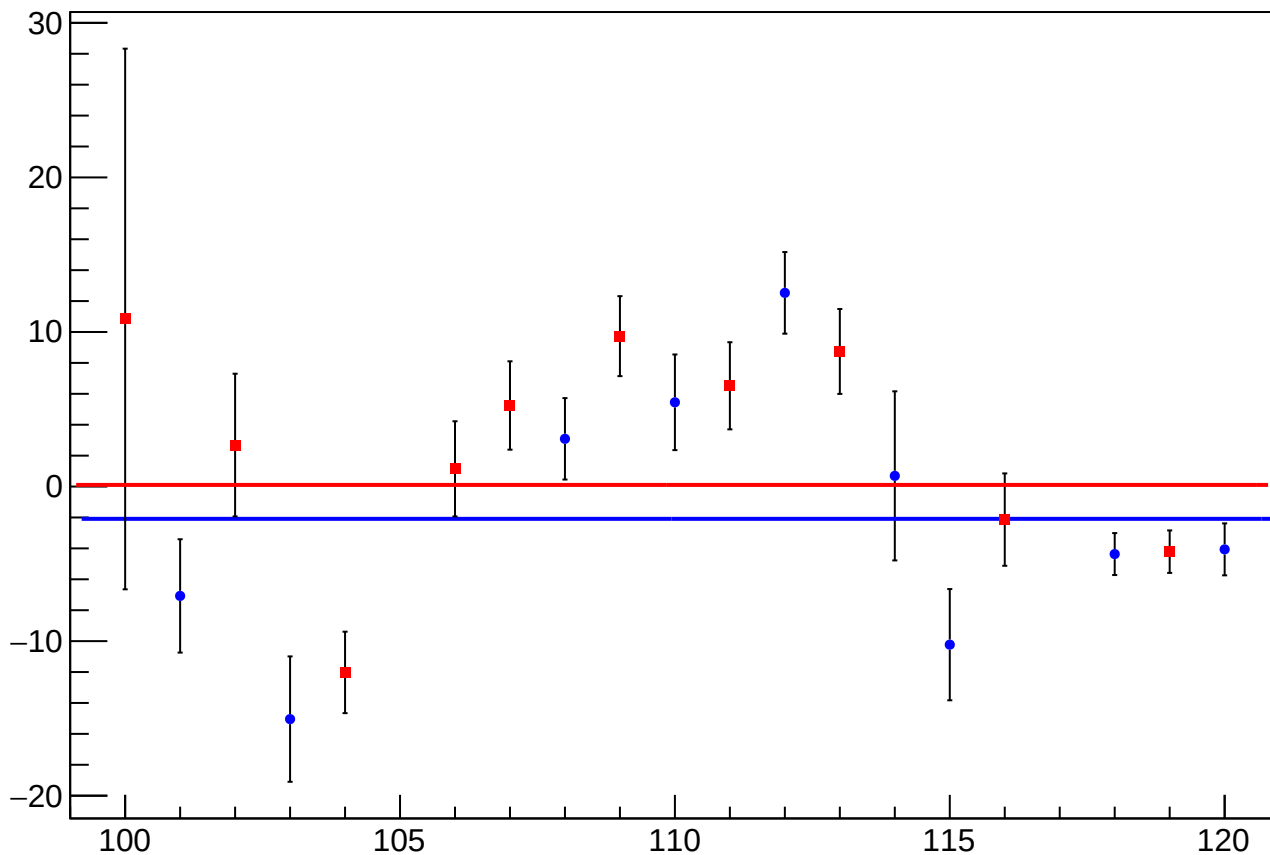
Right: -26.196+/-0.556 χ^2/NDF : 2339.5/18

In: -26.389+/-0.845 χ^2/NDF : 1158.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.196+/-0.556 χ^2/NDF : 2339.5/18

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.088+/-0.807 χ^2/NDF : 62.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.106+/-0.824 χ^2/NDF : 64.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

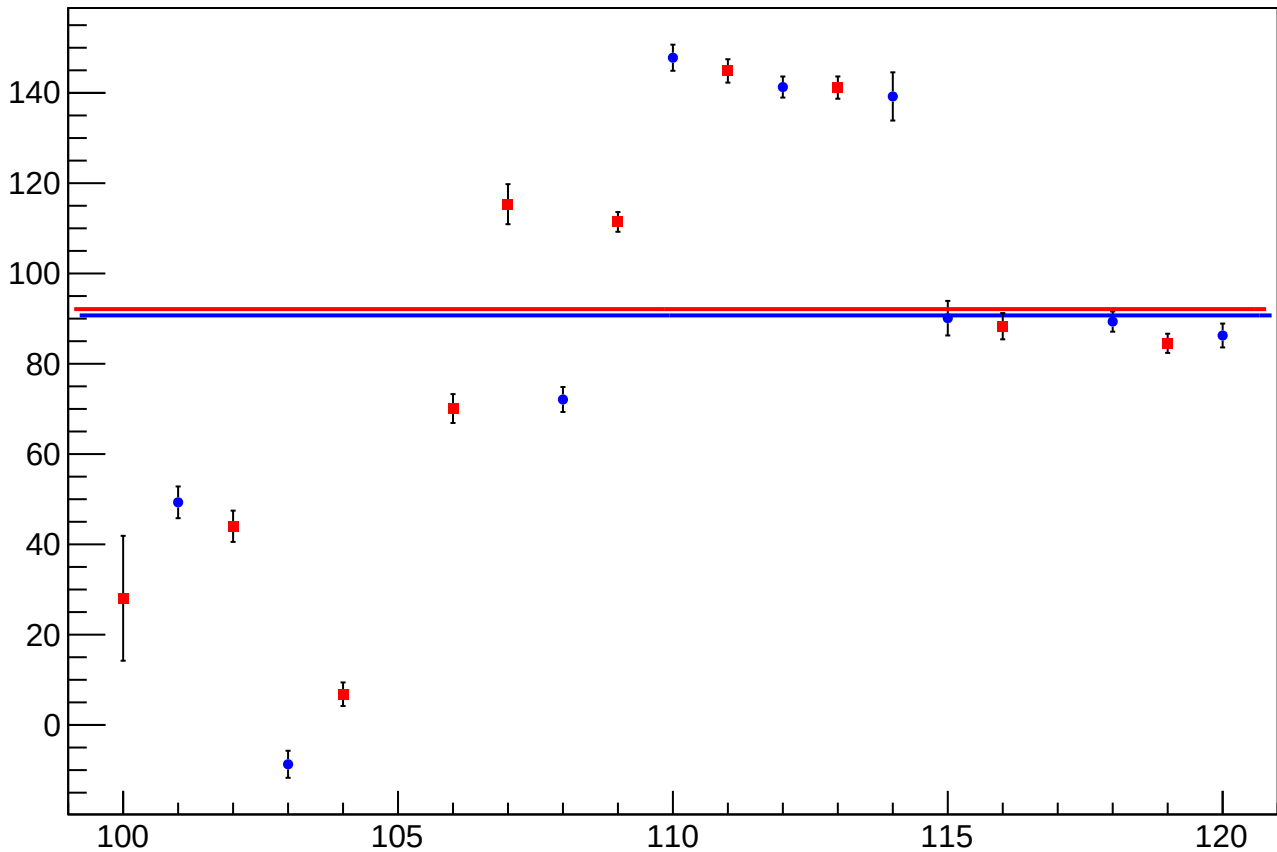
Right: -1.014+/-0.577 χ^2/NDF : 130.3/18

In: -2.088+/-0.807 χ^2/NDF : 62.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.014+/-0.577 χ^2/NDF : 130.3/18

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 90.712 $\pm$ 0.966 χ^2 /NDF: 2229.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 92.107 $\pm$ 0.896 χ^2 /NDF: 2258.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

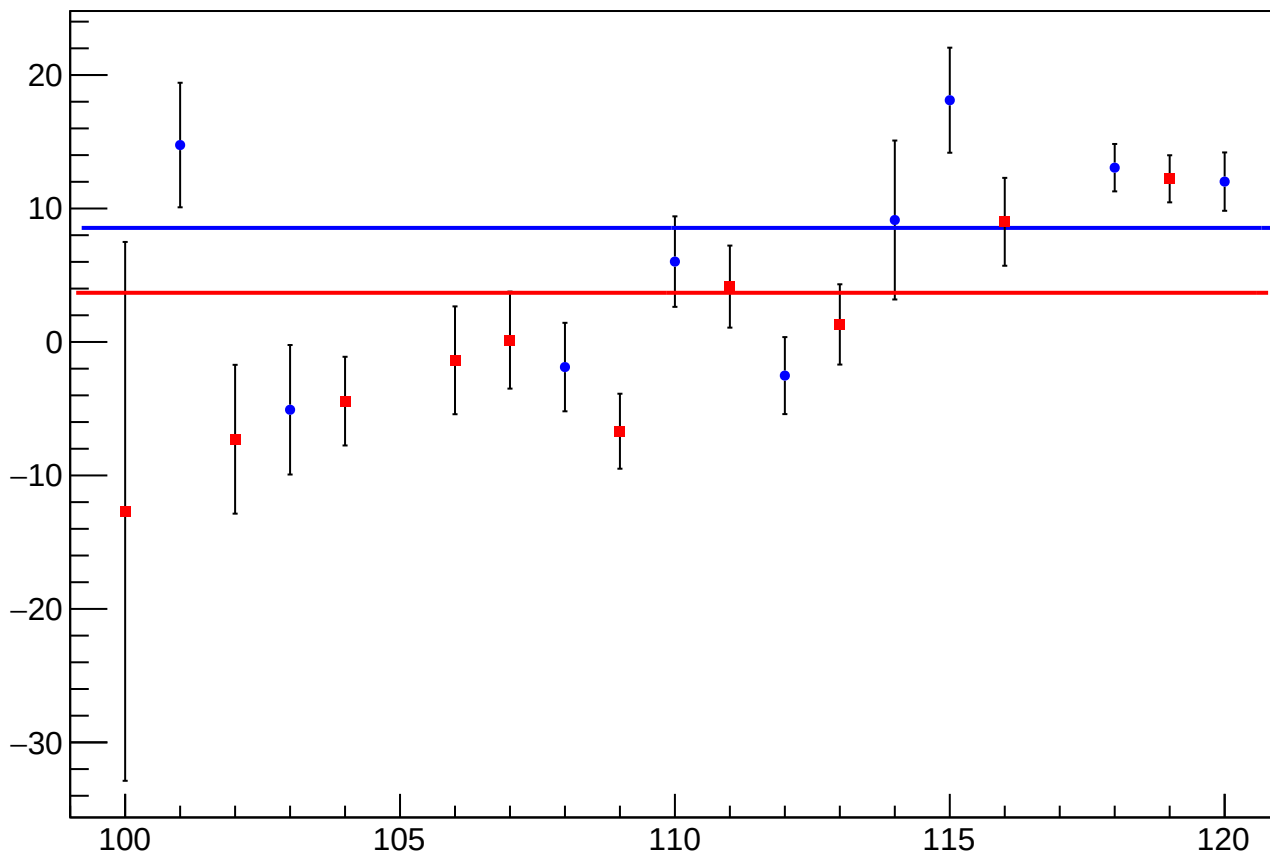
Right: 91.462 $\pm$ 0.657 χ^2 /NDF: 4489.2/18

In: 90.712 $\pm$ 0.966 χ^2 /NDF:2229.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 91.462 $\pm$ 0.657 χ^2 /NDF: 4489.2/18

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.546+/-0.997 χ^2/NDF : 49.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.685+/-0.991 χ^2/NDF : 53.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

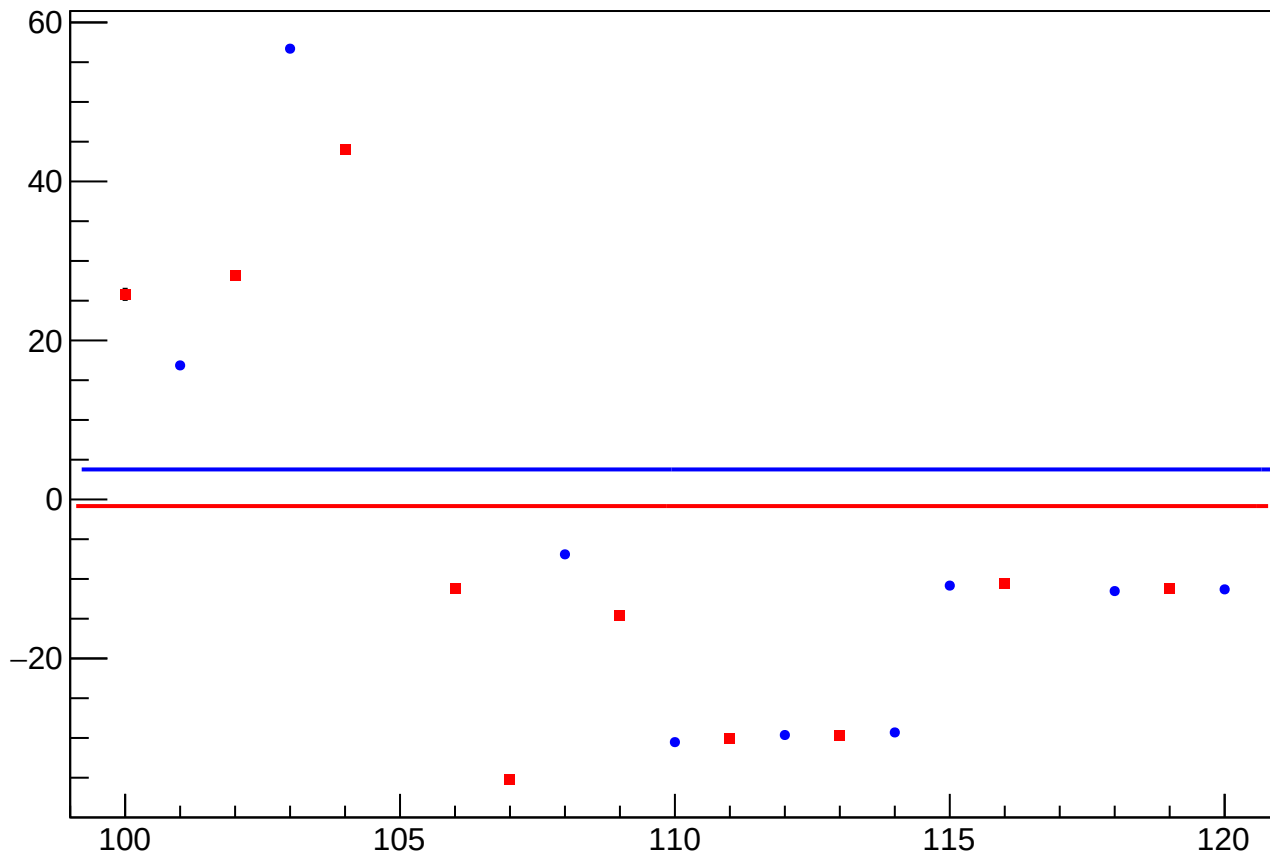
Right: 6.100+/-0.703 χ^2/NDF : 115.0/18

In: 8.546+/-0.997 χ^2/NDF : 49.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.100+/-0.703 χ^2/NDF : 115.0/18

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 3.774+/-0.059 χ^2/NDF : 265499.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.833+/-0.055 χ^2/NDF : 263764.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

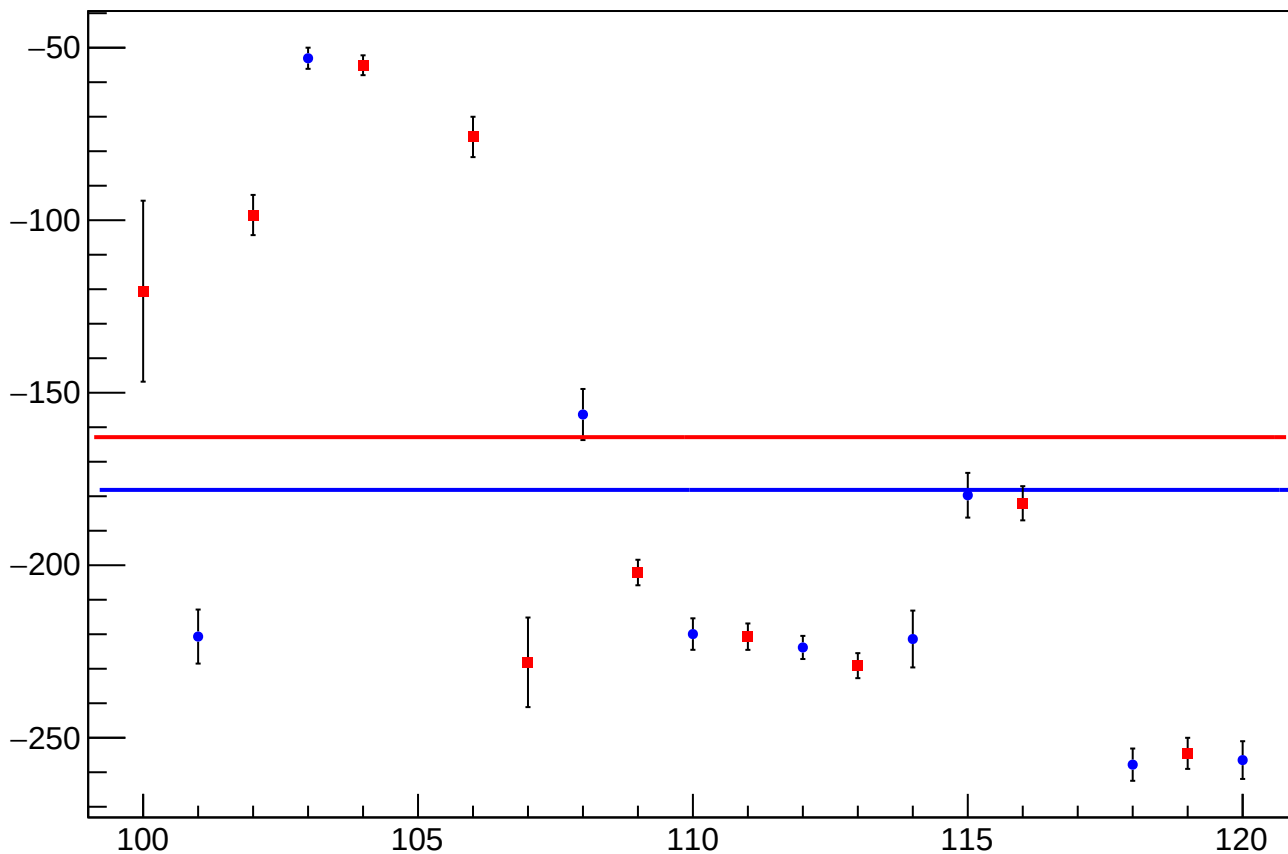
Right: 1.299+/-0.040 χ^2/NDF : 532515.8/18

In: 3.774+/-0.059 χ^2/NDF : 265499.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.299+/-0.040 χ^2/NDF : 532515.8/18

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -178.162 $\pm$ 1.590 χ^2 /NDF: 2493.9/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -162.874 $\pm$ 1.422 χ^2 /NDF: 2879.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

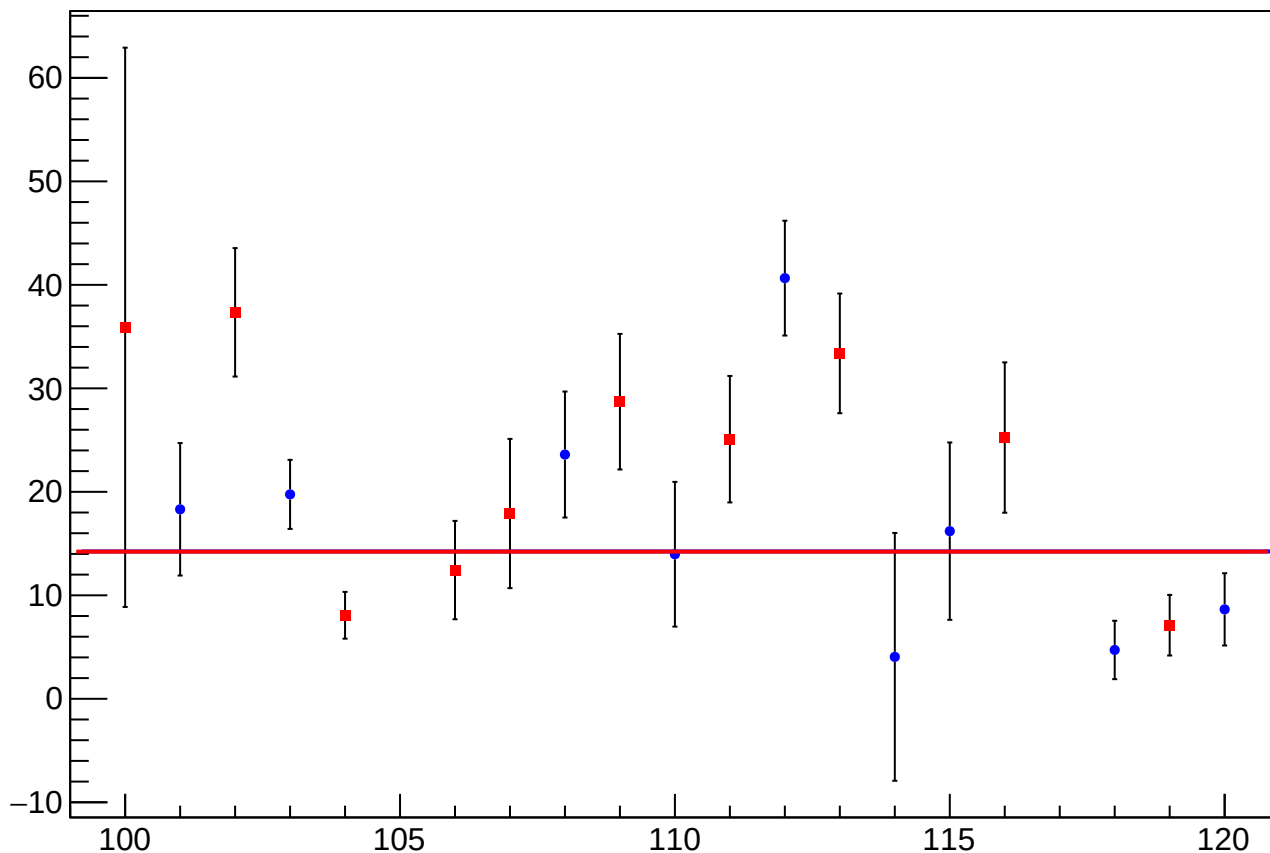
Right: -169.668 $\pm$ 1.060 χ^2 /NDF: 5424.8/18

In: -178.162 $\pm$ 1.590 χ^2 /NDF:2493.9/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -169.668 $\pm$ 1.060 χ^2 /NDF: 5424.8/18

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.240+/-1.539 χ^2/NDF : 42.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.223+/-1.412 χ^2/NDF : 49.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

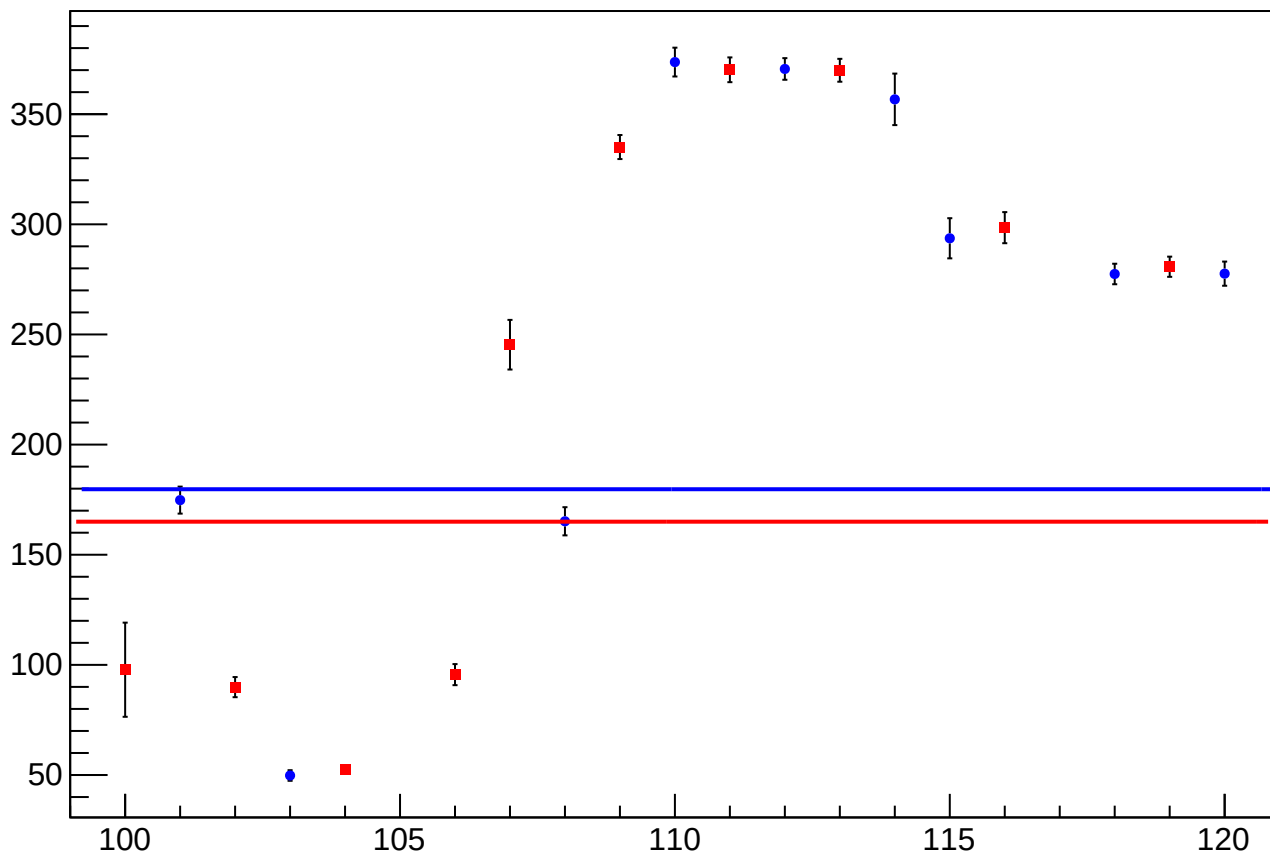
Right: 14.231+/-1.040 χ^2/NDF : 92.5/18

In: 14.240+/-1.539 χ^2/NDF : 42.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.231+/-1.040 χ^2/NDF : 92.5/18

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 179.735+/-1.608 χ^2/NDF : 6447.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 165.003+/-1.465 χ^2/NDF : 7853.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

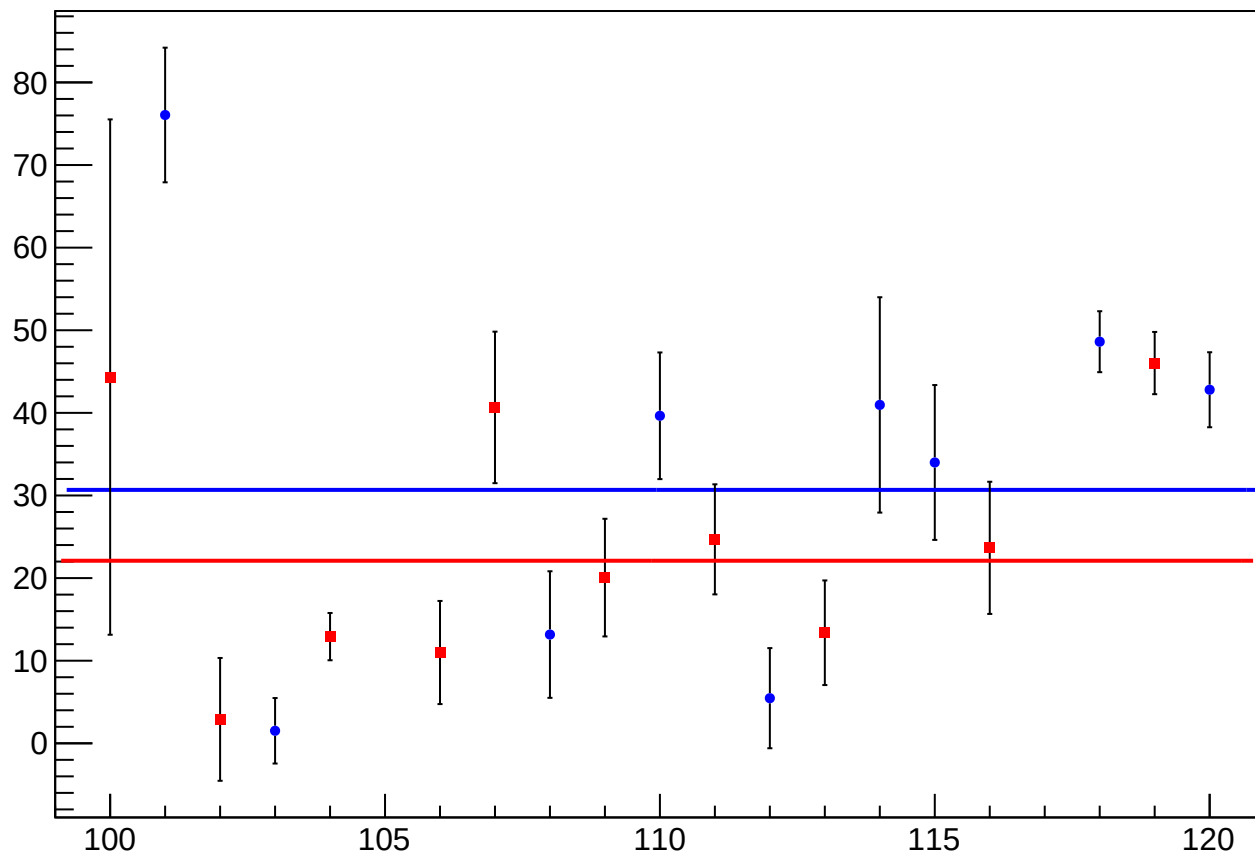
Right: 171.685+/-1.083 χ^2/NDF : 14346.5/18

In: 179.735+/-1.608 χ^2/NDF :6447.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 171.685+/-1.083 χ^2/NDF : 14346.5/18

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 30.678+/-1.892 χ^2/NDF : 140.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.100+/-1.735 χ^2/NDF : 67.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

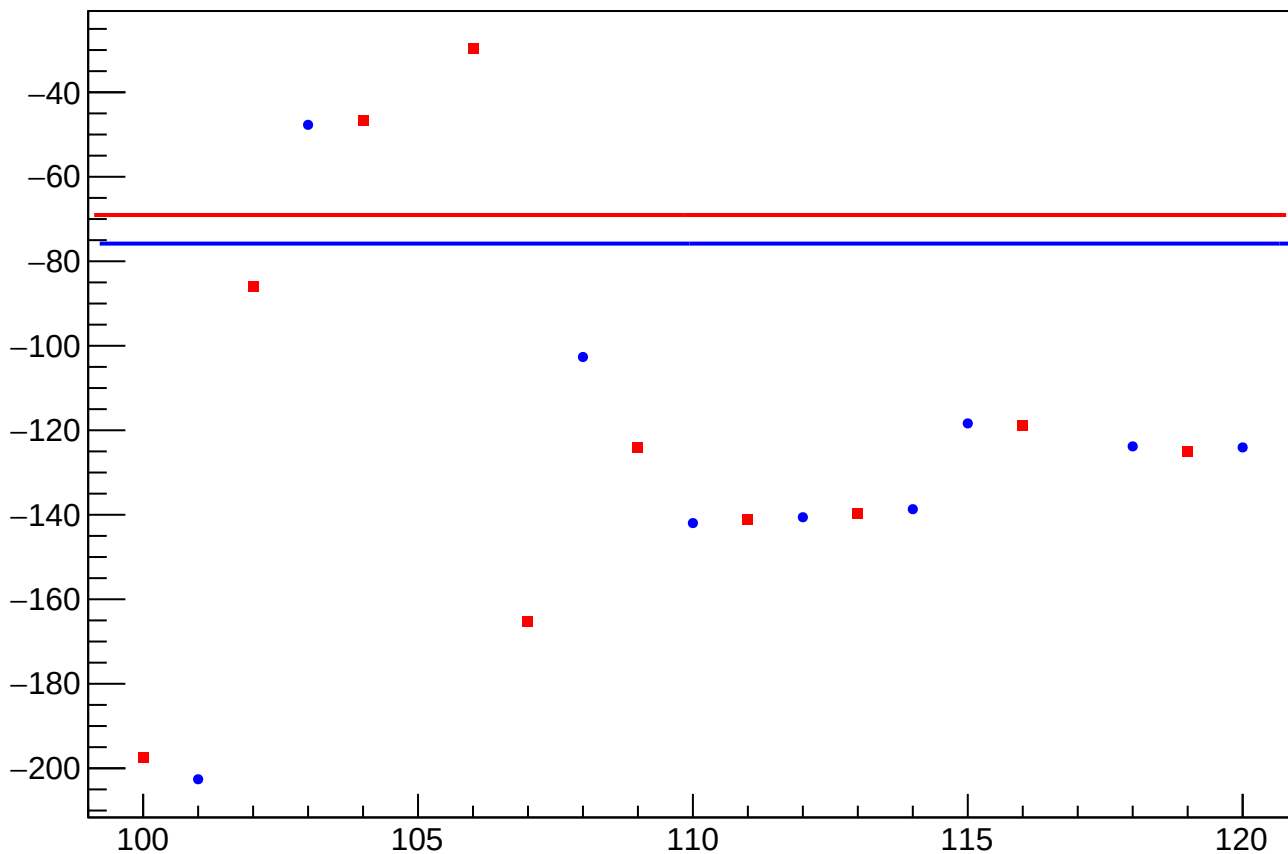
Right: 26.018+/-1.279 χ^2/NDF : 218.9/18

In: 30.678+/-1.892 χ^2/NDF : 140.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.018+/-1.279 χ^2/NDF : 218.9/18

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -75.816+/-0.082 χ^2/NDF : 291476.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -69.048+/-0.077 χ^2/NDF : 256684.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

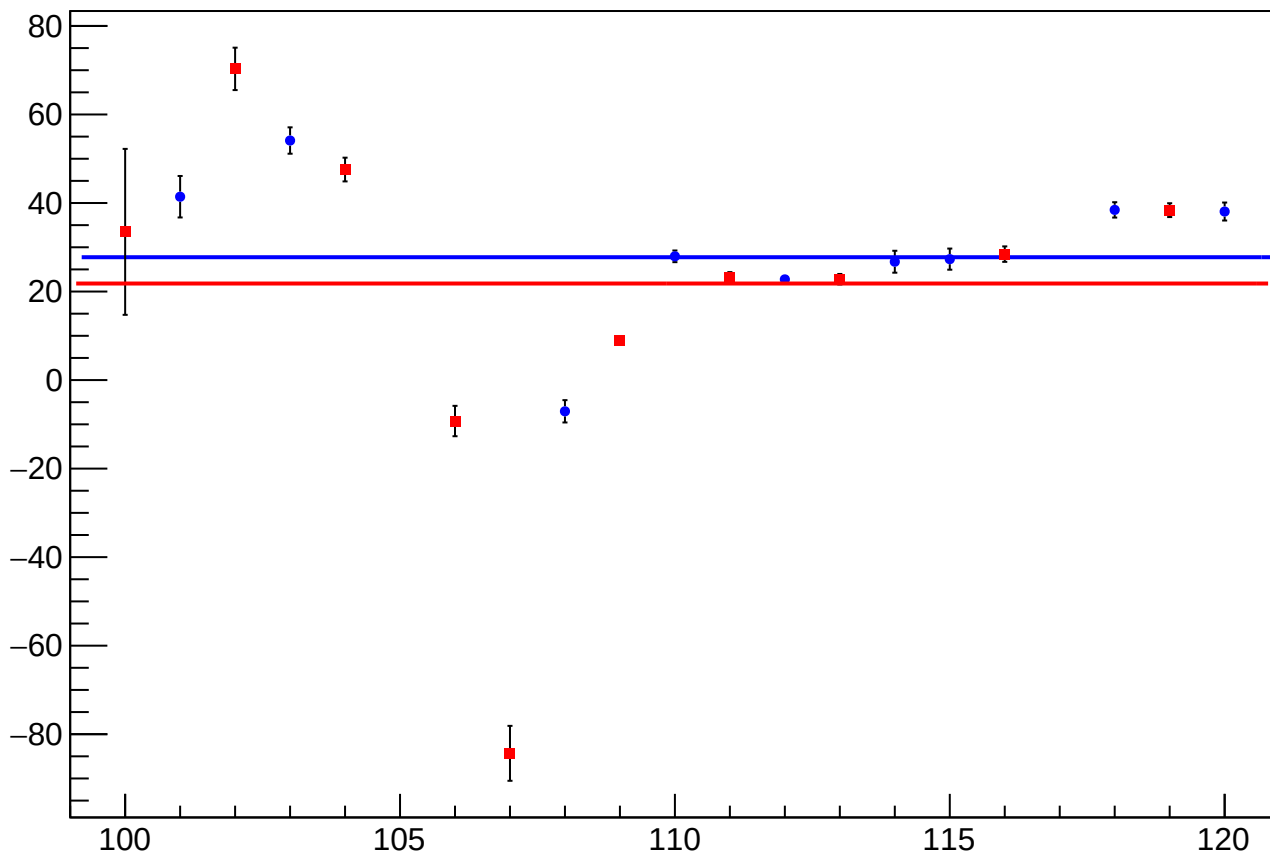
Right: -72.193+/-0.056 χ^2/NDF : 551784.0/18

In: -75.816+/-0.082 χ^2/NDF : 291476.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -72.193+/-0.056 χ^2/NDF : 551784.0/18

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 27.754+/-0.619 χ^2/NDF : 361.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.812+/-0.551 χ^2/NDF : 839.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

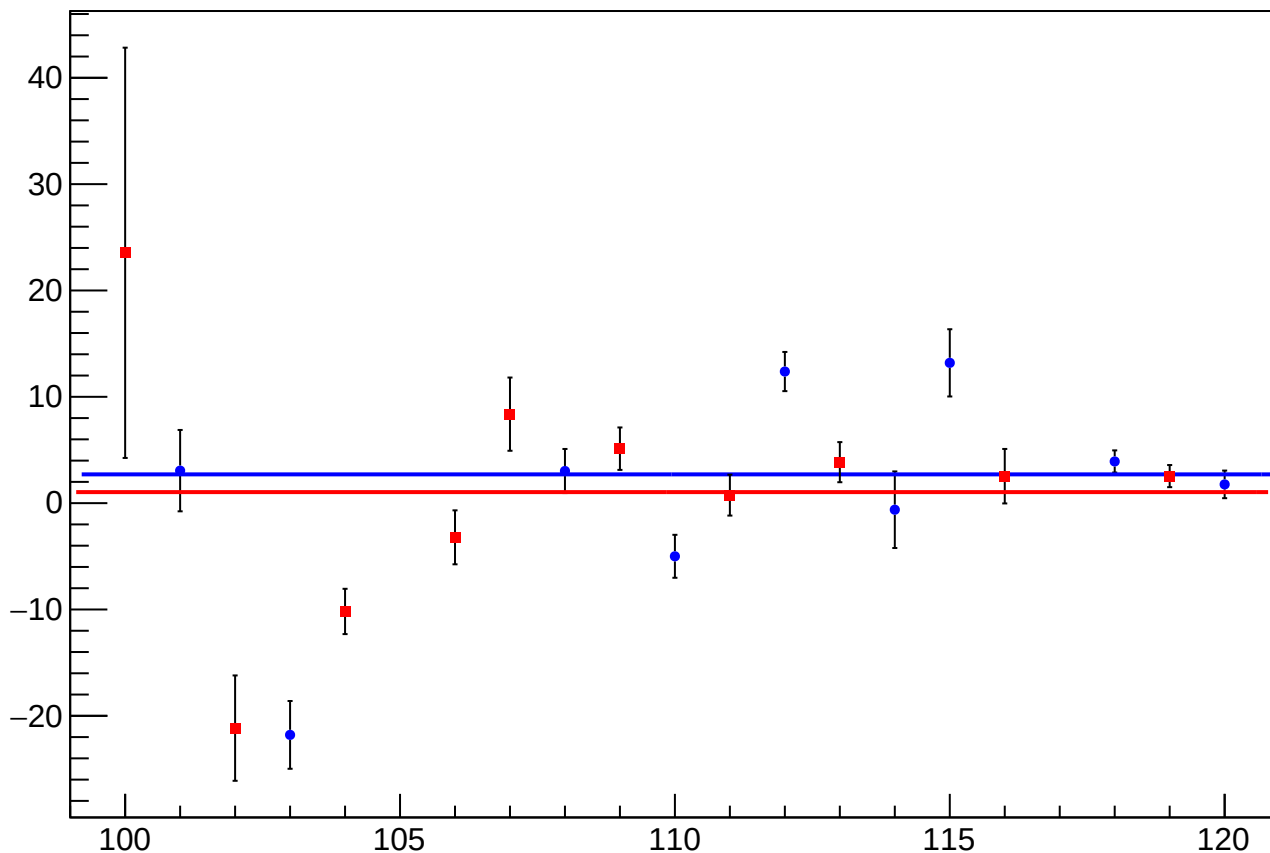
Right: 24.440+/-0.411 χ^2/NDF : 1252.9/18

In: 27.754+/-0.619 χ^2/NDF : 361.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.440+/-0.411 χ^2/NDF : 1252.9/18

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.706+/-0.616 χ^2/NDF : 115.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.039+/-0.648 χ^2/NDF : 65.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

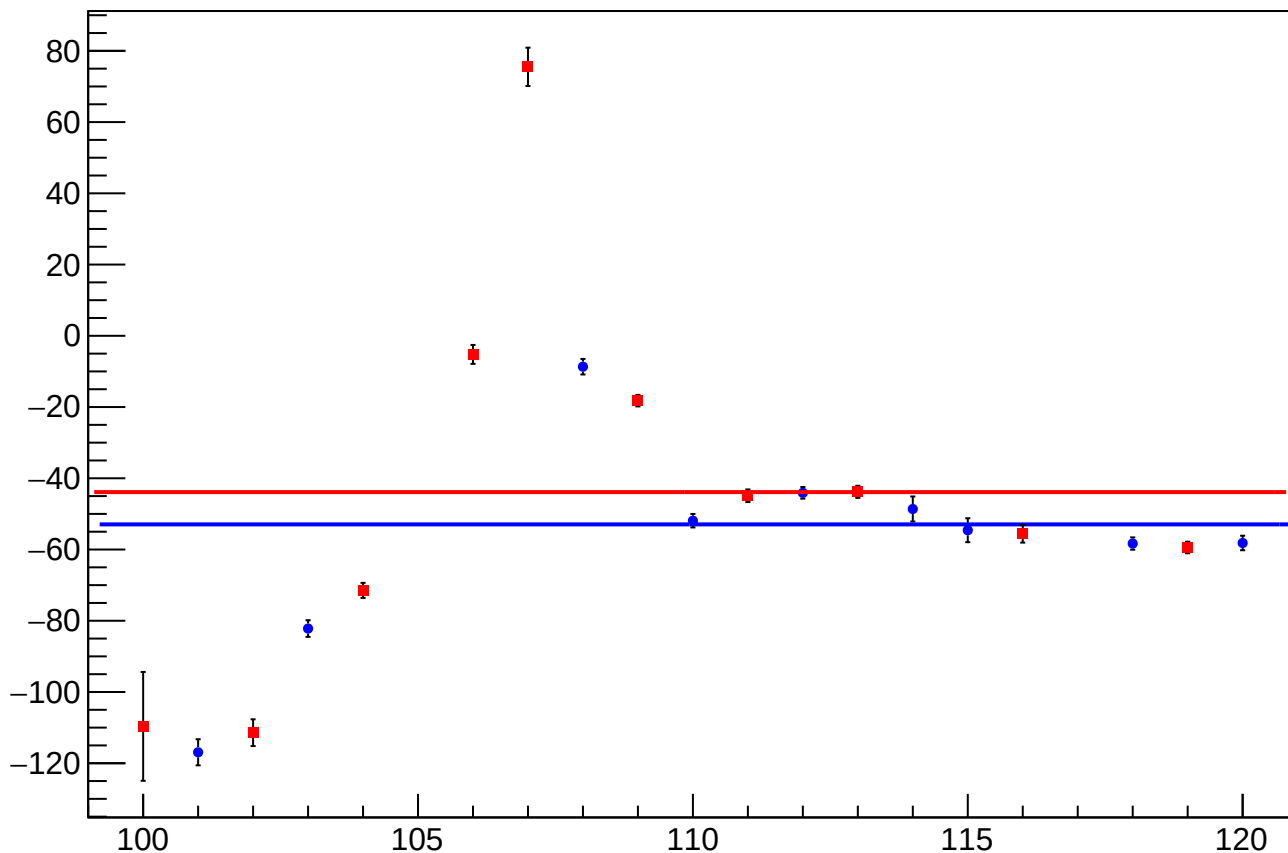
Right: 1.914+/-0.447 χ^2/NDF : 183.9/18

In: 2.706+/-0.616 χ^2/NDF : 115.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.914+/-0.447 χ^2/NDF : 183.9/18

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.945 $\pm$ 0.731 χ^2 /NDF: 922.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -43.880 $\pm$ 0.694 χ^2 /NDF: 1583.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

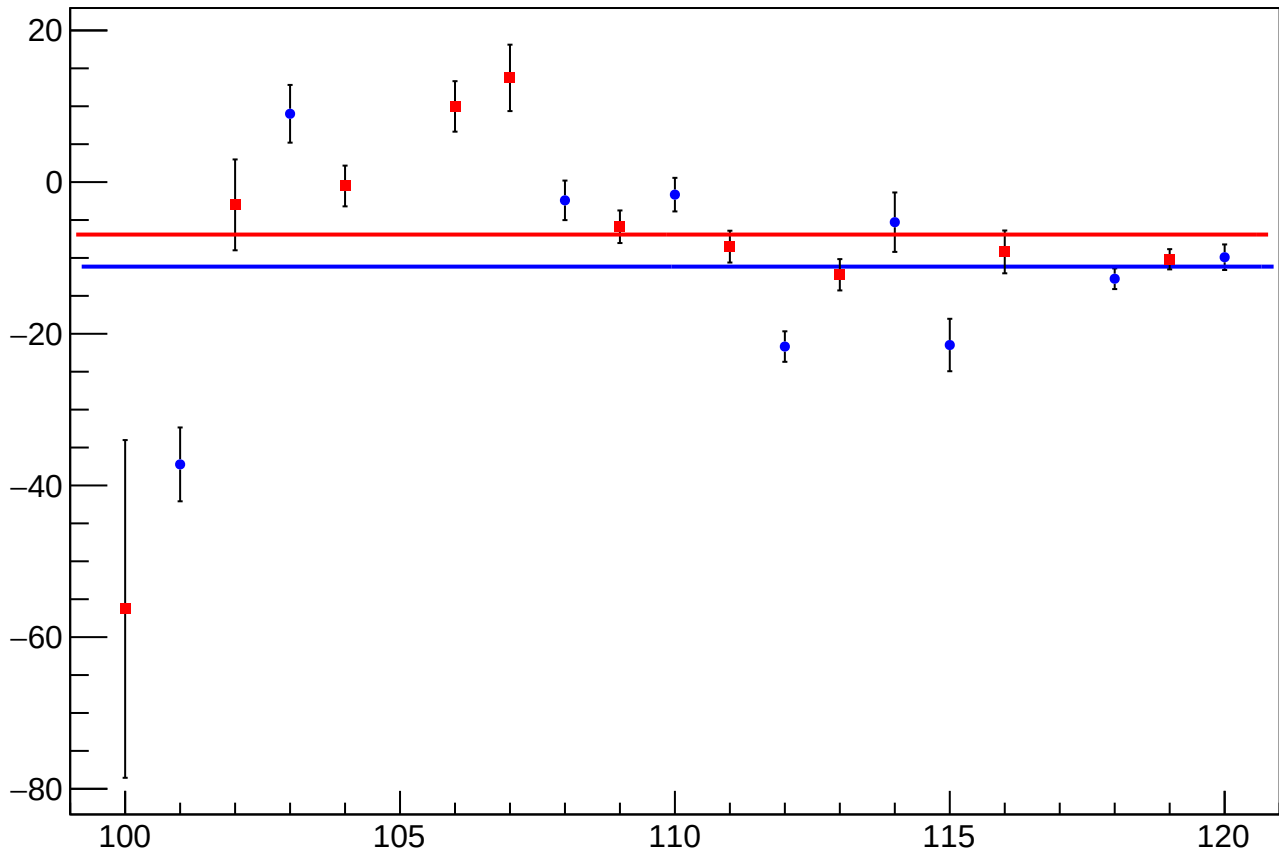
Right: -48.179 $\pm$ 0.504 χ^2 /NDF: 2586.9/18

In: -52.945 $\pm$ 0.731 χ^2 /NDF:922.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -48.179 $\pm$ 0.504 χ^2 /NDF: 2586.9/18

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -11.144 ± 0.756 χ^2/NDF : 126.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -6.917 ± 0.772 χ^2/NDF : 73.1/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

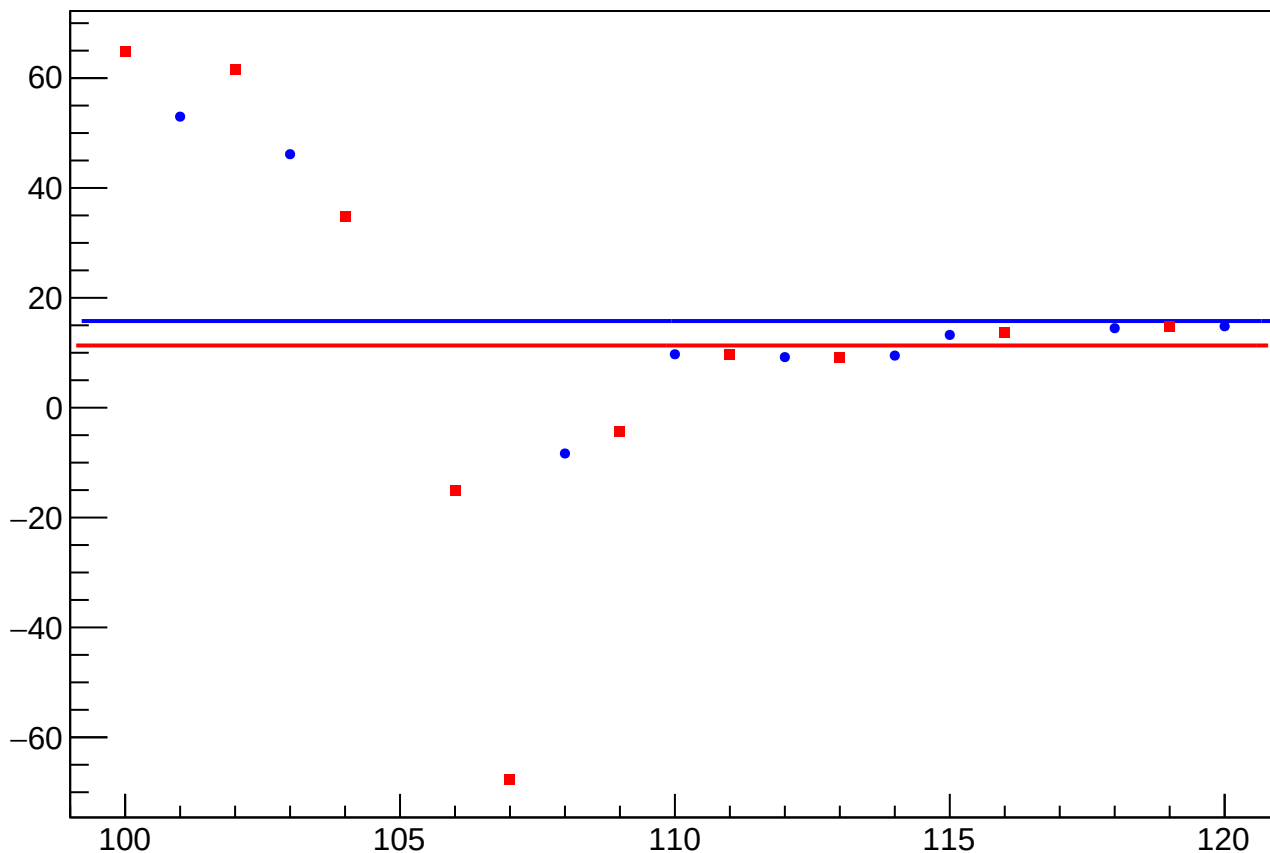
Right: -9.075 ± 0.540 χ^2/NDF : 215.2/18

In: -11.144 ± 0.756 χ^2/NDF : 126.9/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.075 ± 0.540 χ^2/NDF : 215.2/18

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 15.778+/-0.046 χ^2/NDF : 204228.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.325+/-0.045 χ^2/NDF : 343045.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

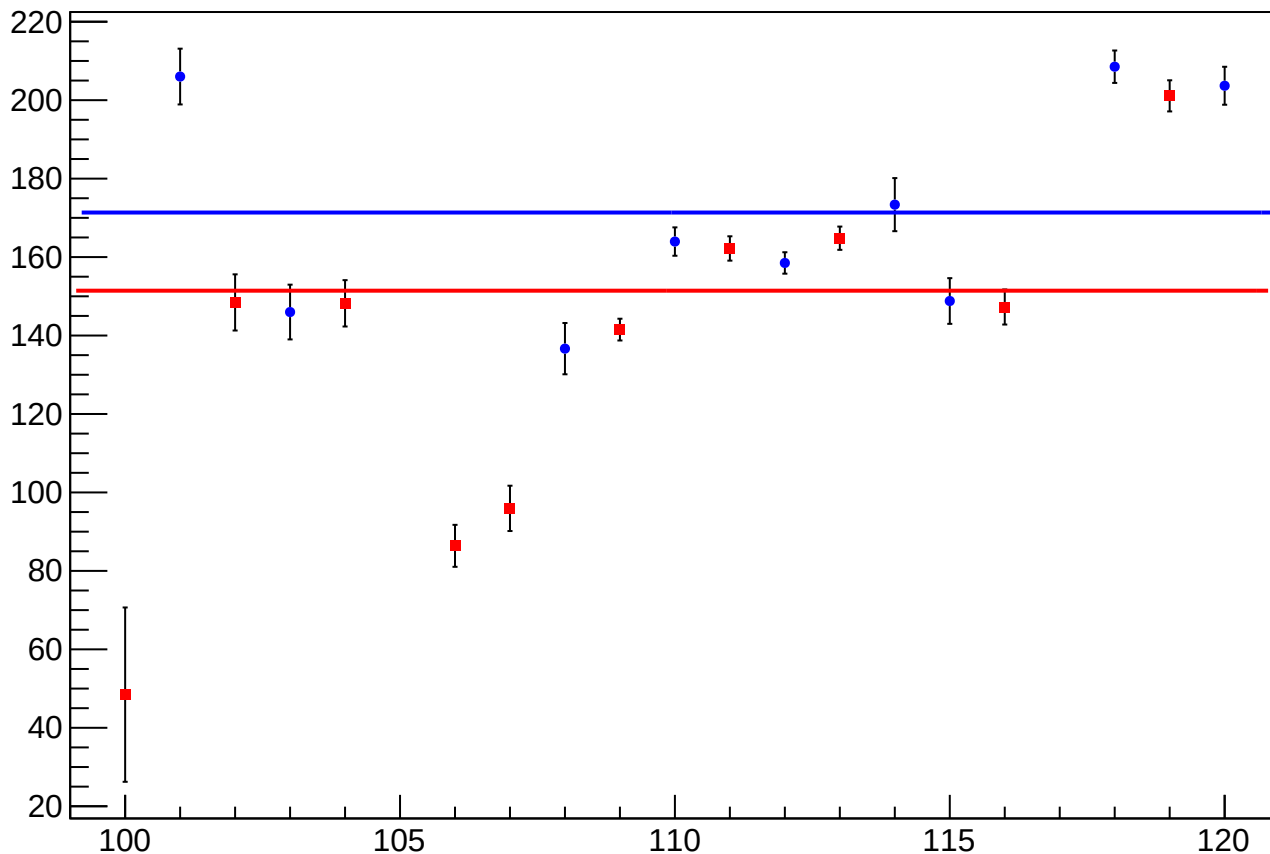
Right: 13.525+/-0.032 χ^2/NDF : 552063.5/18

In: 15.778+/-0.046 χ^2/NDF : 204228.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.525+/-0.032 χ^2/NDF : 552063.5/18

reg_asym_at1_avg_at2_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 171.358+/-1.531 χ^2/NDF : 232.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.433+/-1.317 χ^2/NDF : 464.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

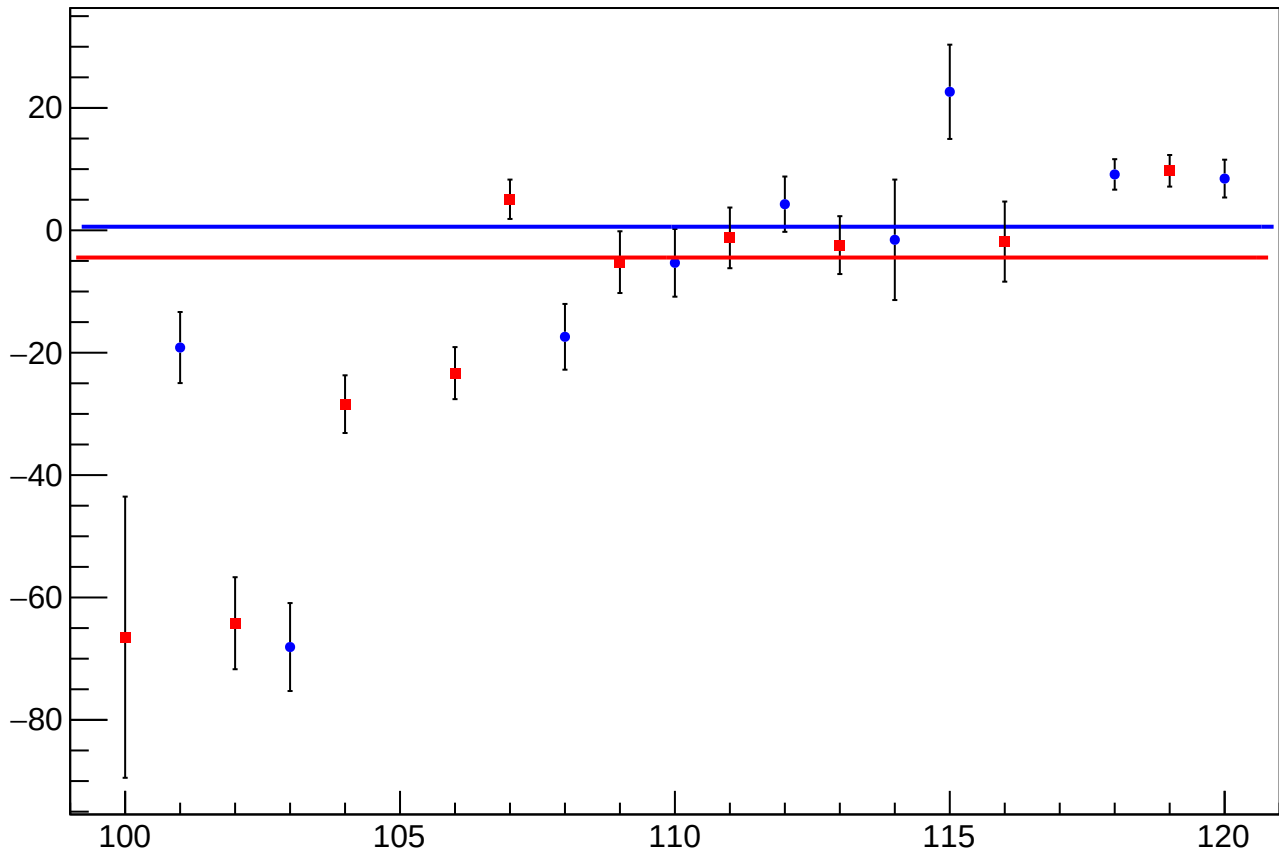
Right: 159.911+/-0.998 χ^2/NDF : 794.3/18

In: 171.358+/-1.531 χ^2/NDF : 232.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.911+/-0.998 χ^2/NDF : 794.3/18

reg_asym_at1_avg_at2_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.589+/-1.477 χ^2/NDF : 142.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.446+/-1.394 χ^2/NDF : 155.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

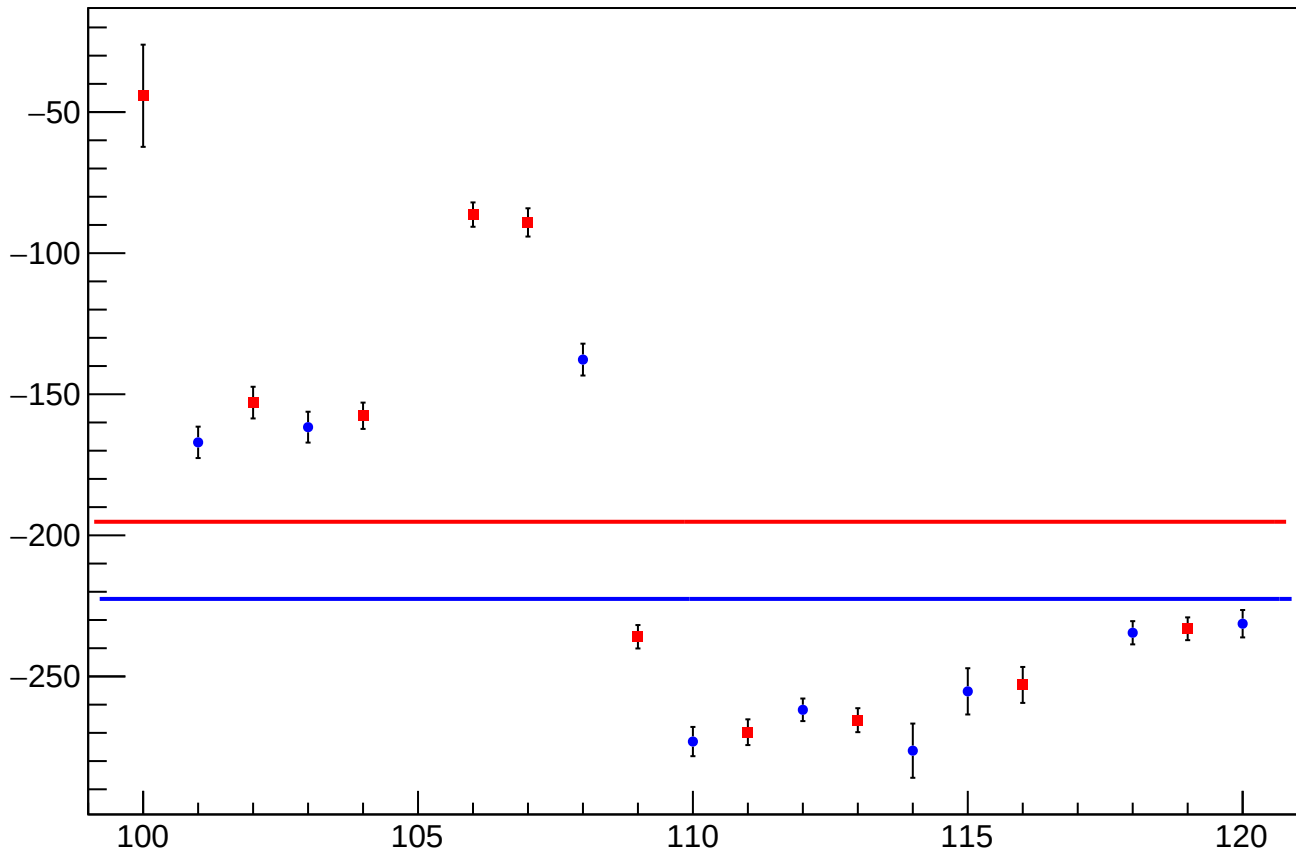
Right: -2.074+/-1.014 χ^2/NDF : 304.2/18

In: 0.589+/-1.477 χ^2/NDF : 142.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.074+/-1.014 χ^2/NDF : 304.2/18

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -222.528+/-1.757 χ^2/NDF : 699.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -195.188+/-1.540 χ^2/NDF : 2084.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

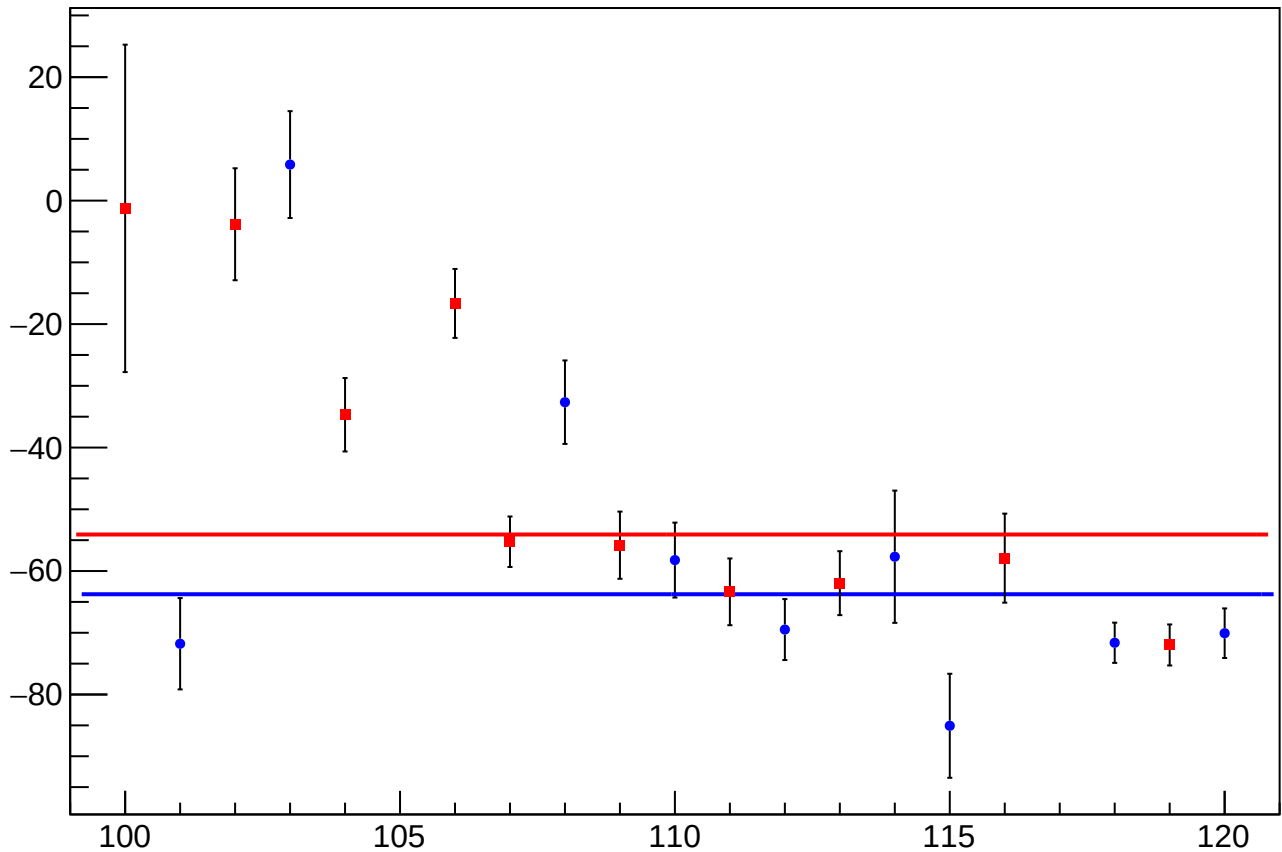
Right: -207.065+/-1.158 χ^2/NDF : 2921.2/18

In: -222.528+/-1.757 χ^2/NDF : 699.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -207.065+/-1.158 χ^2/NDF : 2921.2/18

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.759+/-1.824 χ^2/NDF : 104.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -54.083+/-1.693 χ^2/NDF : 124.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

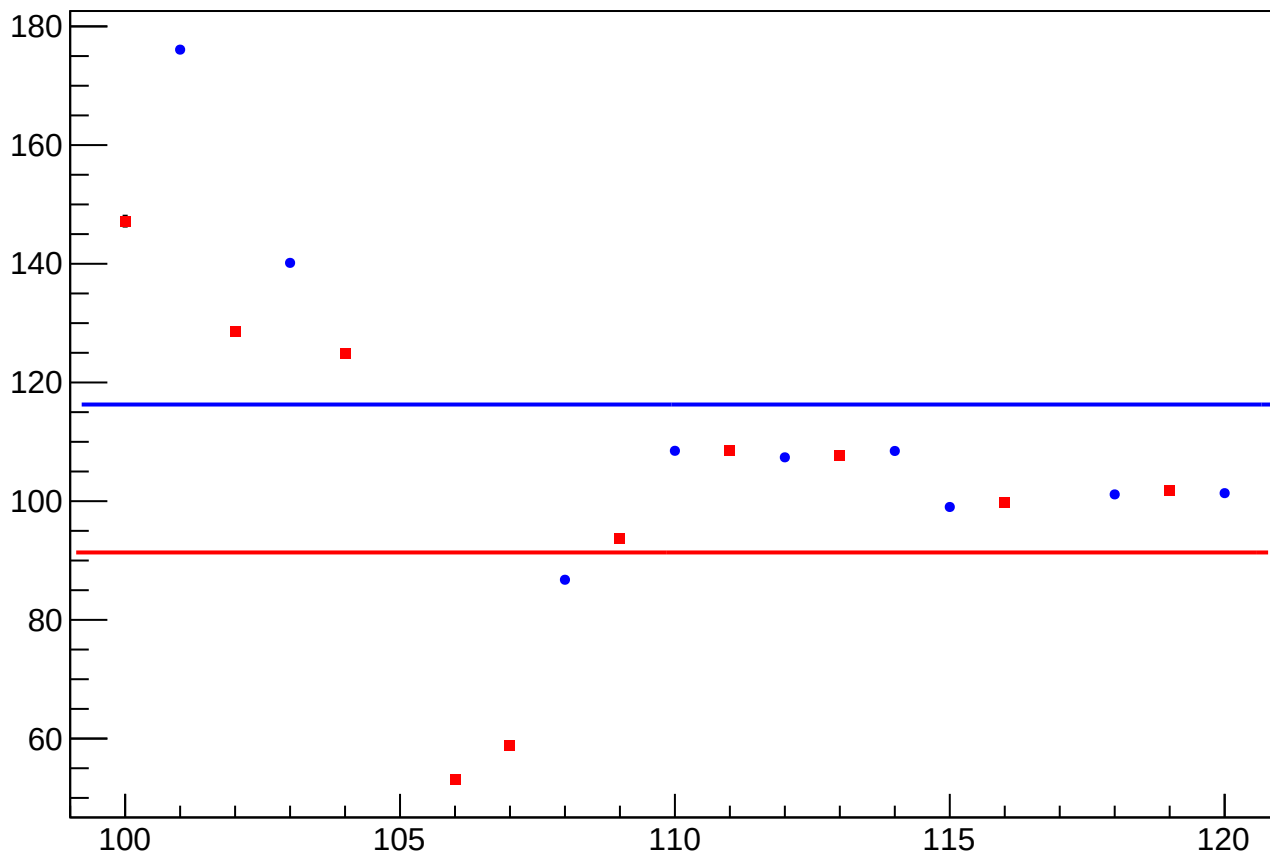
Right: -58.562+/-1.241 χ^2/NDF : 244.3/18

In: -63.759+/-1.824 χ^2/NDF : 104.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -58.562+/-1.241 χ^2/NDF : 244.3/18

reg_asym_at1_avg_at2_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 116.286+/-0.110 χ^2/NDF : 65208.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.359+/-0.087 χ^2/NDF : 119734.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

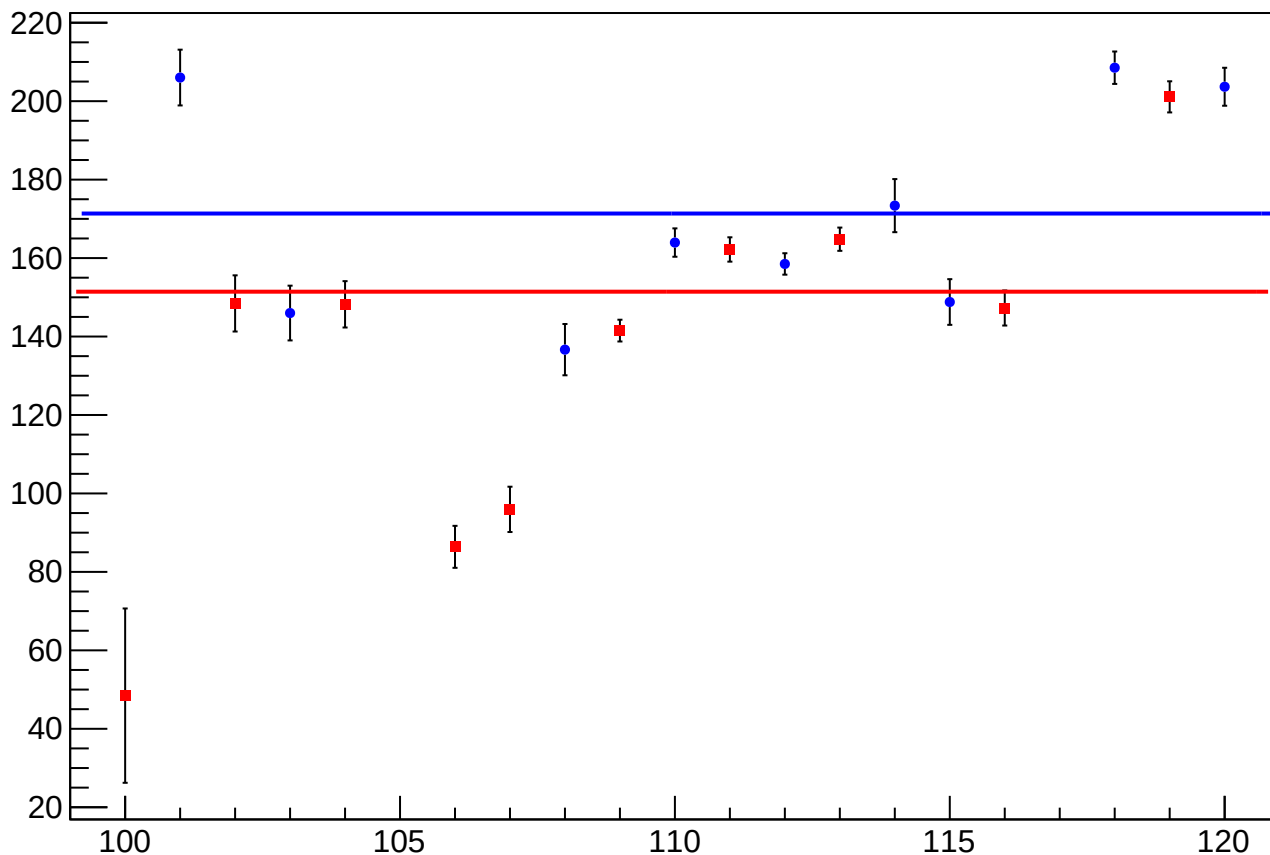
Right: 101.021+/-0.068 χ^2/NDF : 216468.3/18

In: 116.286+/-0.110 χ^2/NDF : 65208.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.021+/-0.068 χ^2/NDF : 216468.3/18

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 171.358+/-1.531 χ^2/NDF : 232.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.433+/-1.317 χ^2/NDF : 464.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

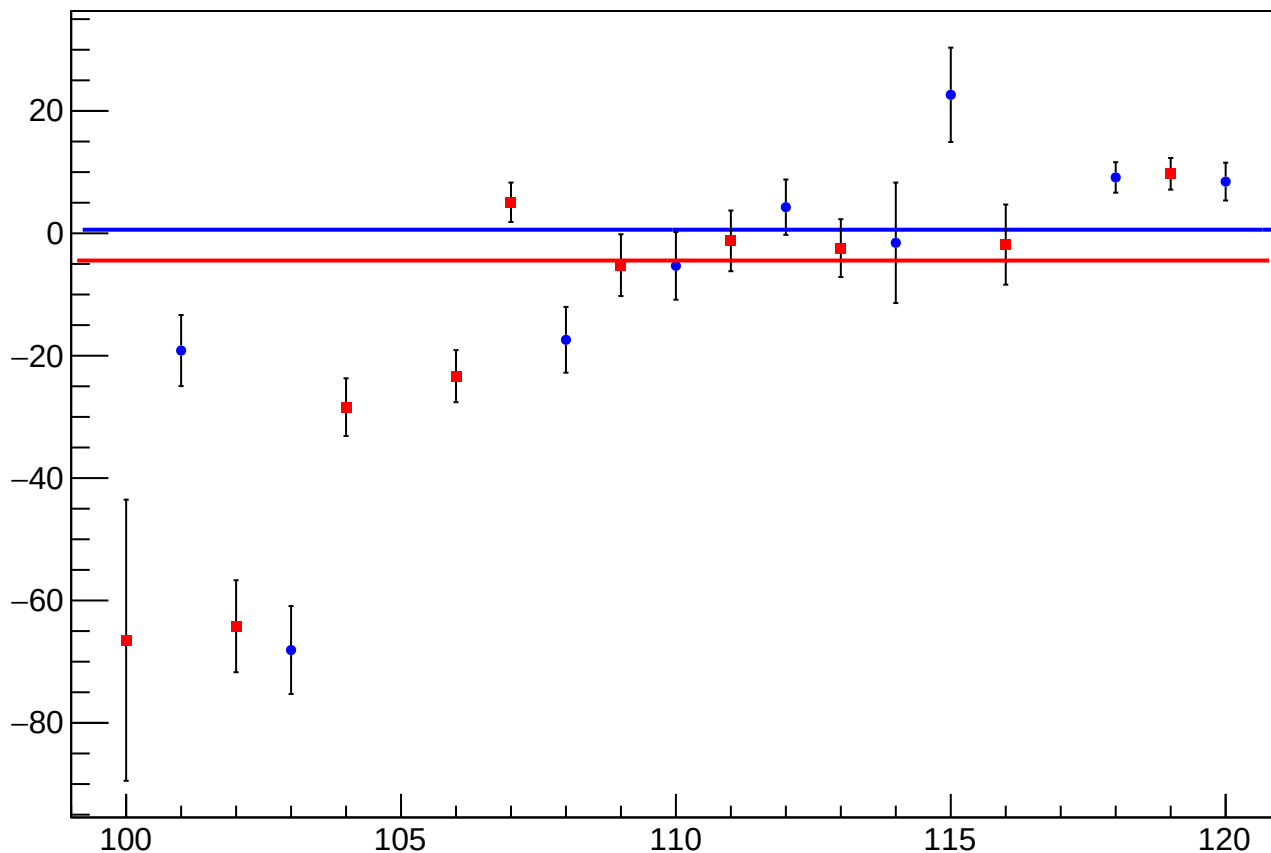
Right: 159.911+/-0.998 χ^2/NDF : 794.3/18

In: 171.358+/-1.531 χ^2/NDF : 232.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.911+/-0.998 χ^2/NDF : 794.3/18

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.589+/-1.477 χ^2/NDF : 142.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.446+/-1.394 χ^2/NDF : 155.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

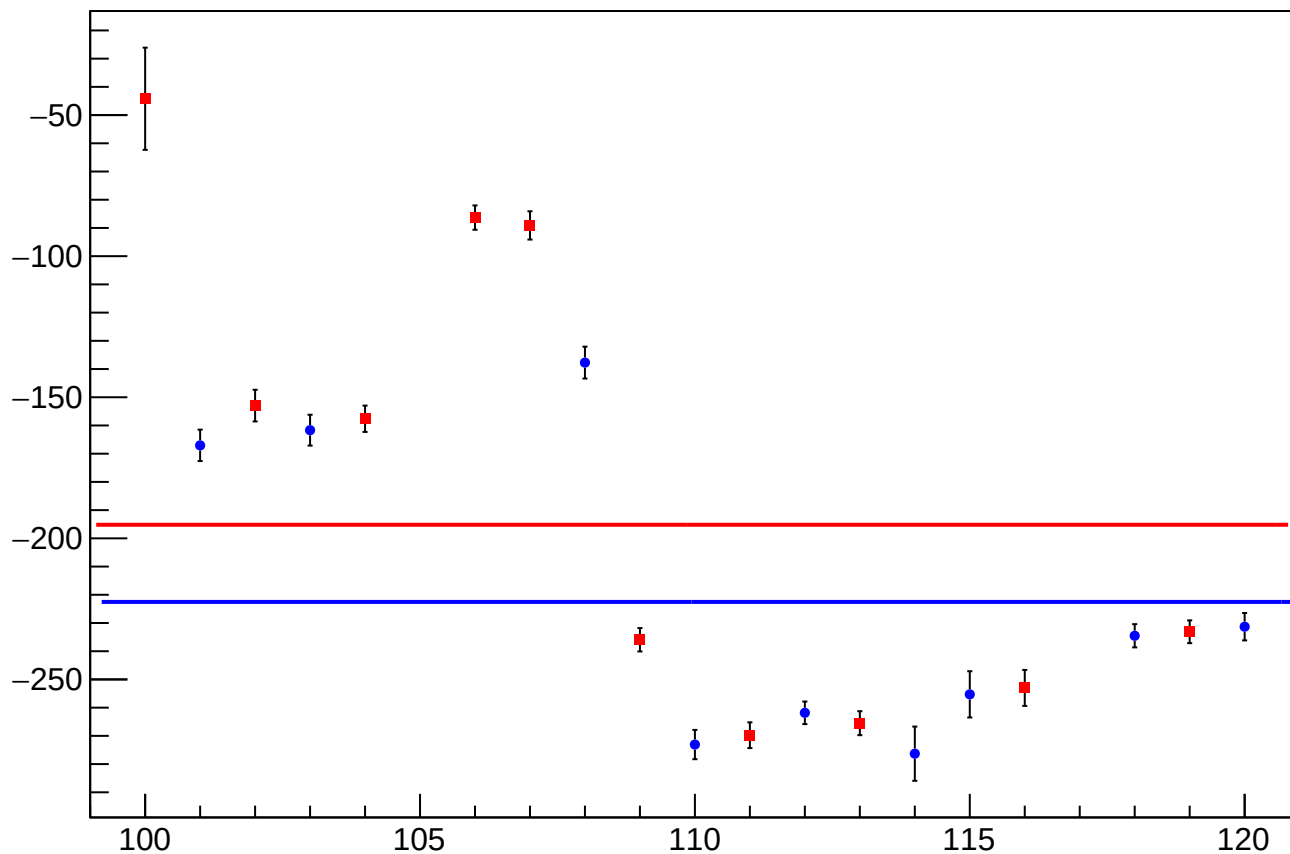
Right: -2.074+/-1.014 χ^2/NDF : 304.2/18

In: 0.589+/-1.477 χ^2/NDF : 142.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.074+/-1.014 χ^2/NDF : 304.2/18

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -222.528+/-1.757 χ^2 /NDF: 699.9/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -195.188+/-1.540 χ^2 /NDF: 2084.2/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

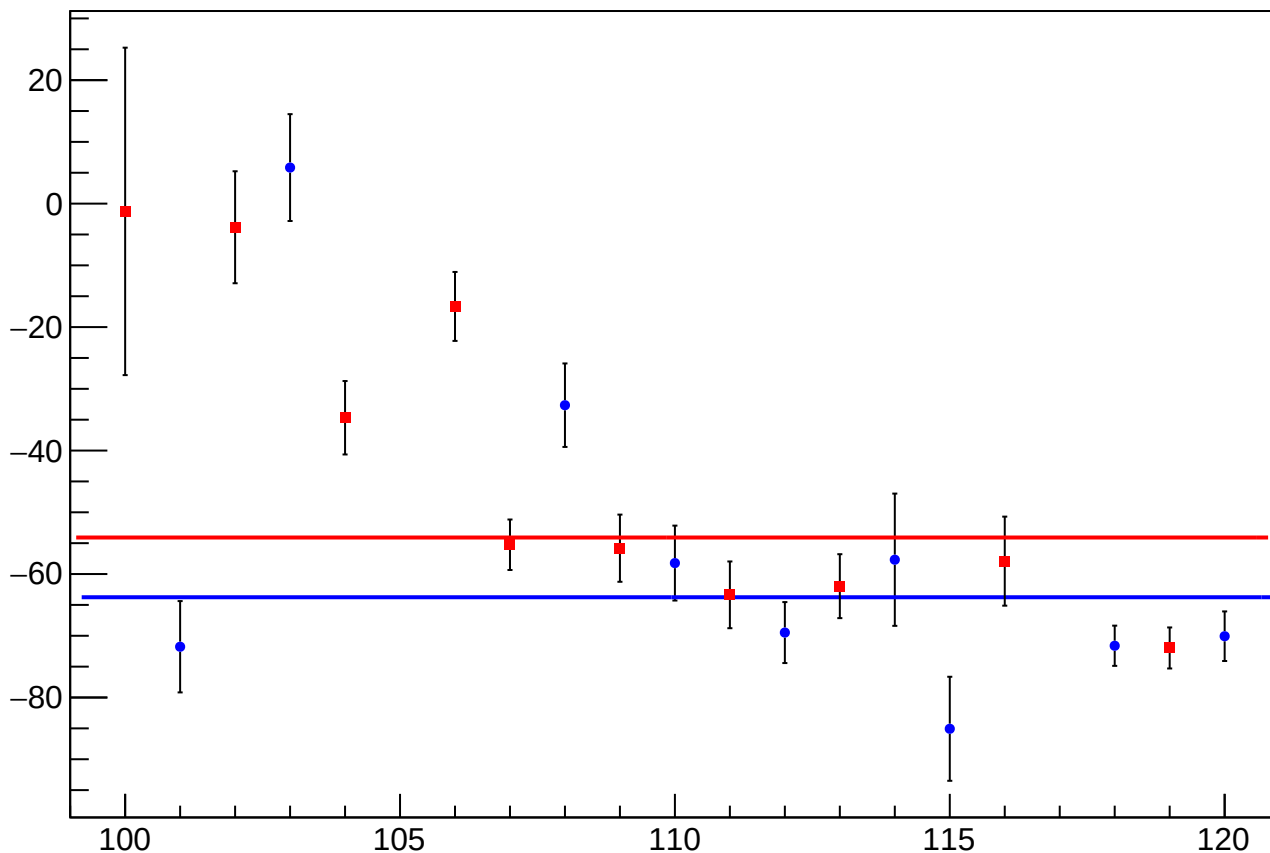
Right: -207.065+/-1.158 χ^2 /NDF: 2921.2/18

In: -222.528+/-1.757 χ^2 /NDF:699.9/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -207.065+/-1.158 χ^2 /NDF: 2921.2/18

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.759+/-1.824 χ^2/NDF : 104.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -54.083+/-1.693 χ^2/NDF : 124.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

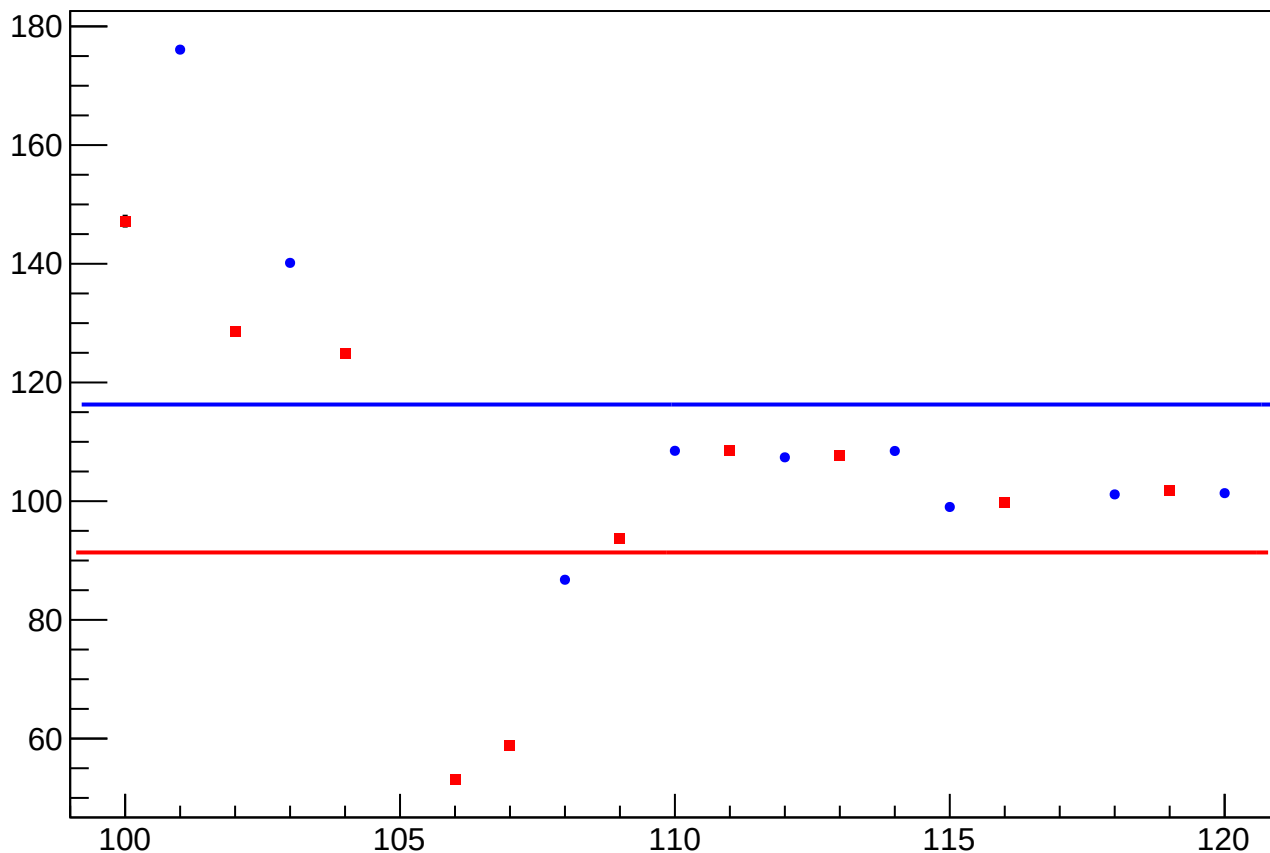
Right: -58.562+/-1.241 χ^2/NDF : 244.3/18

In: -63.759+/-1.824 χ^2/NDF : 104.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -58.562+/-1.241 χ^2/NDF : 244.3/18

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 116.286+/-0.110 χ^2/NDF : 65208.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.359+/-0.087 χ^2/NDF : 119734.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

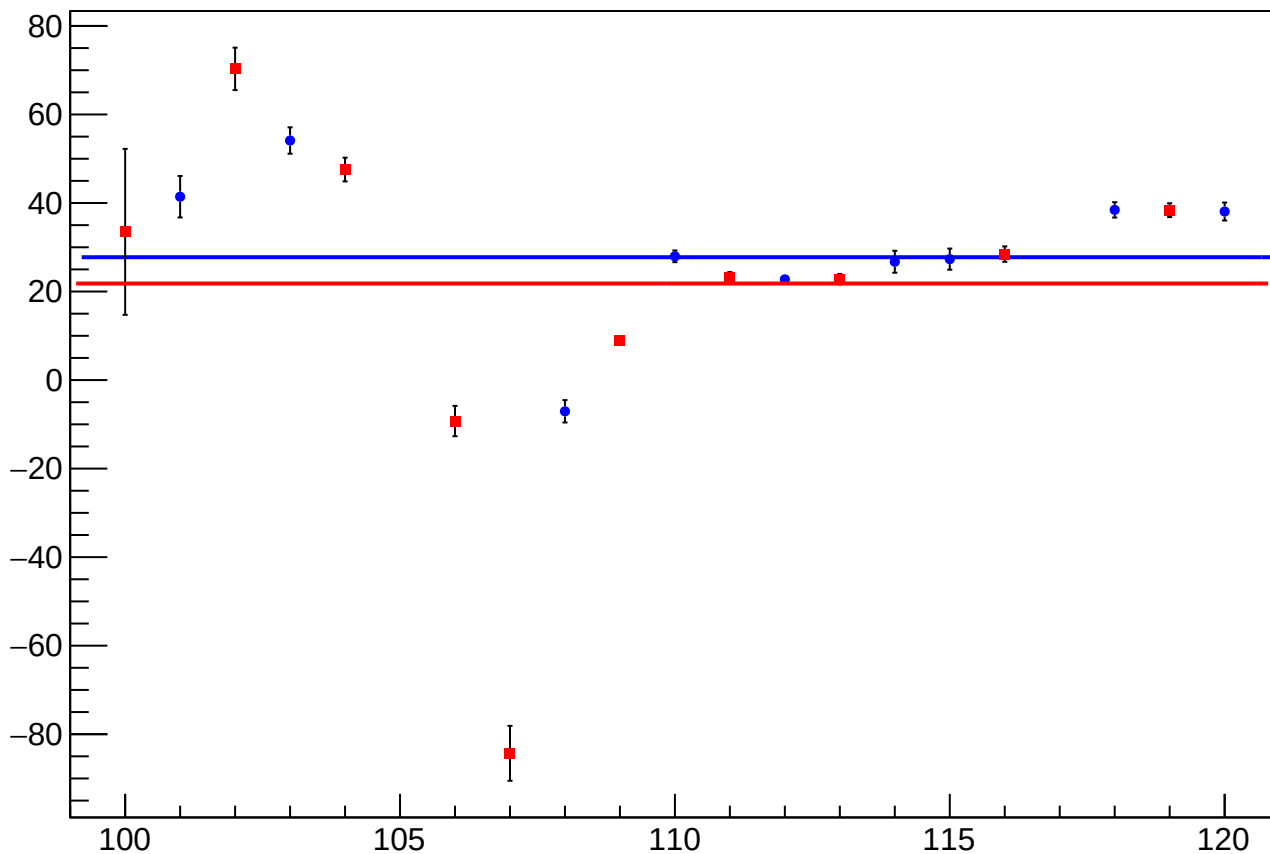
Right: 101.021+/-0.068 χ^2/NDF : 216468.3/18

In: 116.286+/-0.110 χ^2/NDF : 65208.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.021+/-0.068 χ^2/NDF : 216468.3/18

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 27.754+/-0.619 χ^2/NDF : 361.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.812+/-0.551 χ^2/NDF : 839.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

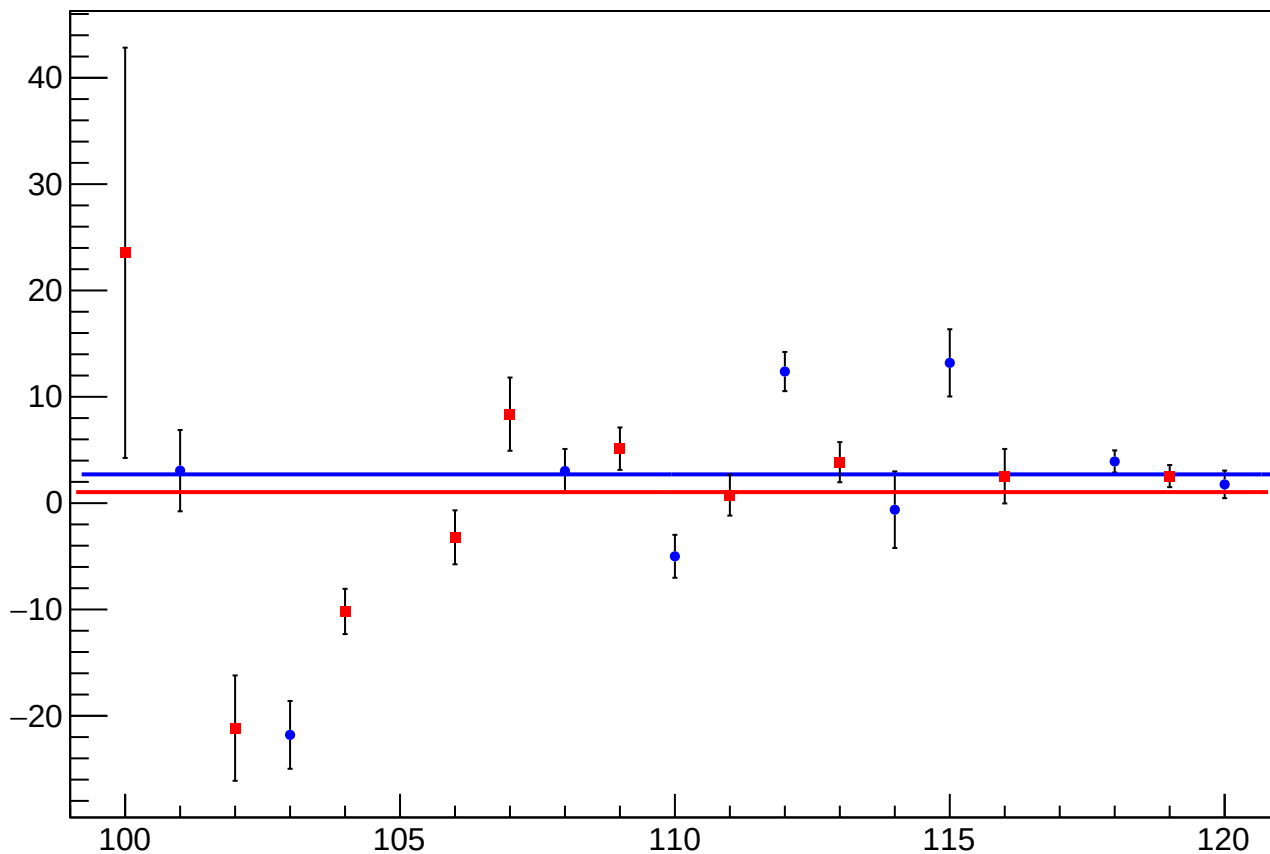
Right: 24.440+/-0.411 χ^2/NDF : 1252.9/18

In: 27.754+/-0.619 χ^2/NDF : 361.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.440+/-0.411 χ^2/NDF : 1252.9/18

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.706+/-0.616 χ^2/NDF : 115.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.039+/-0.648 χ^2/NDF : 65.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

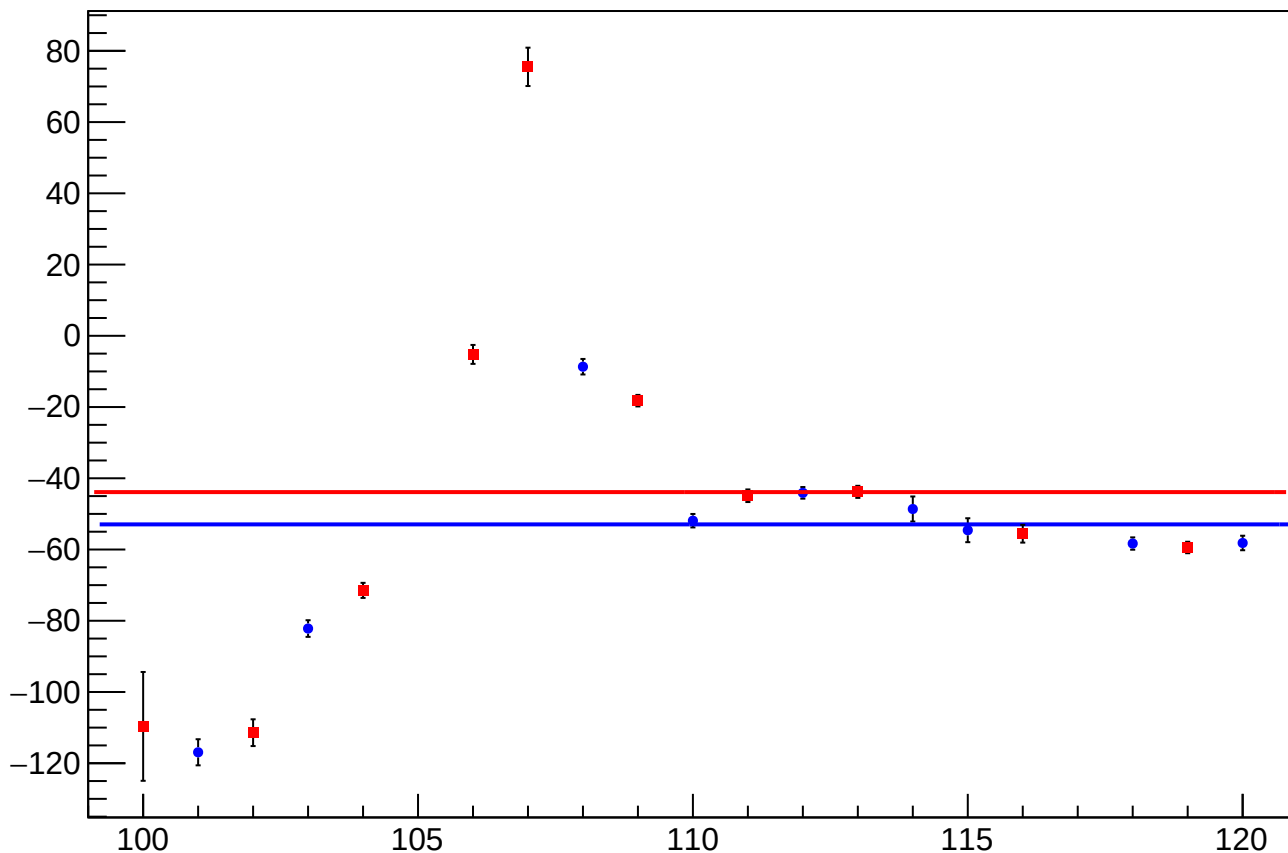
Right: 1.914+/-0.447 χ^2/NDF : 183.9/18

In: 2.706+/-0.616 χ^2/NDF : 115.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.914+/-0.447 χ^2/NDF : 183.9/18

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.945 $\pm$ 0.731 χ^2 /NDF: 922.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -43.880 $\pm$ 0.694 χ^2 /NDF: 1583.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

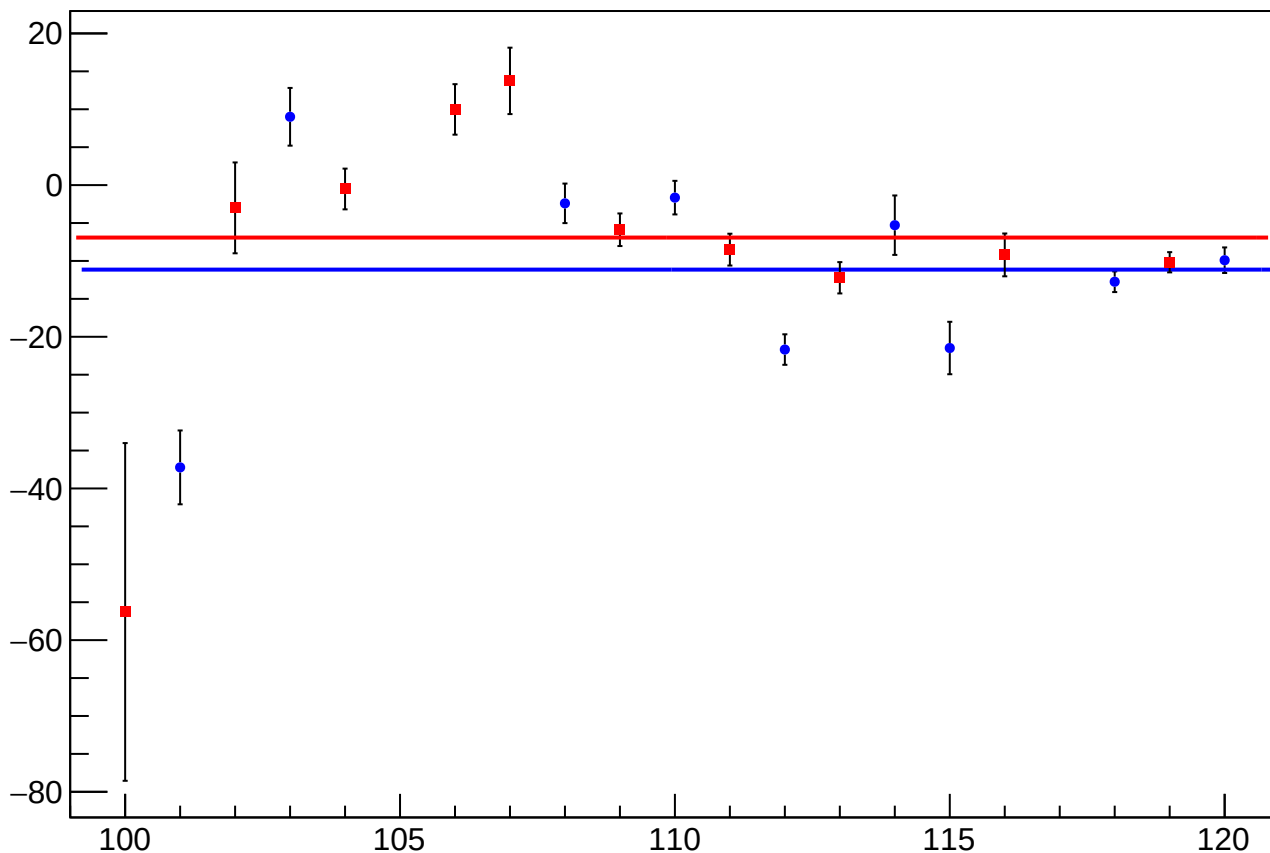
Right: -48.179 $\pm$ 0.504 χ^2 /NDF: 2586.9/18

In: -52.945 $\pm$ 0.731 χ^2 /NDF:922.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -48.179 $\pm$ 0.504 χ^2 /NDF: 2586.9/18

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -11.144 ± 0.756 χ^2/NDF : 126.9/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -6.917 ± 0.772 χ^2/NDF : 73.1/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

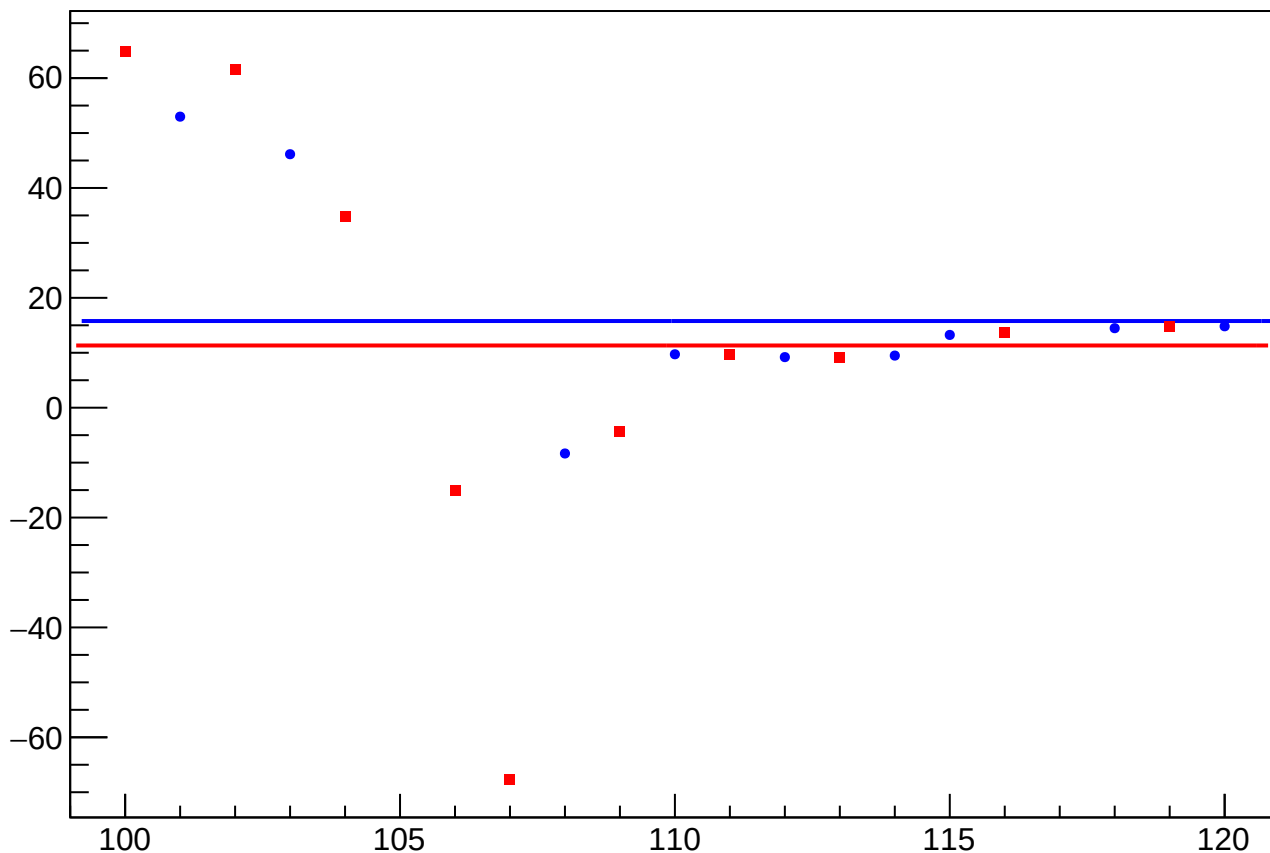
Right: -9.075 ± 0.540 χ^2/NDF : 215.2/18

In: -11.144 ± 0.756 χ^2/NDF : 126.9/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.075 ± 0.540 χ^2/NDF : 215.2/18

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 15.778+/-0.046 χ^2/NDF : 204228.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.325+/-0.045 χ^2/NDF : 343045.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

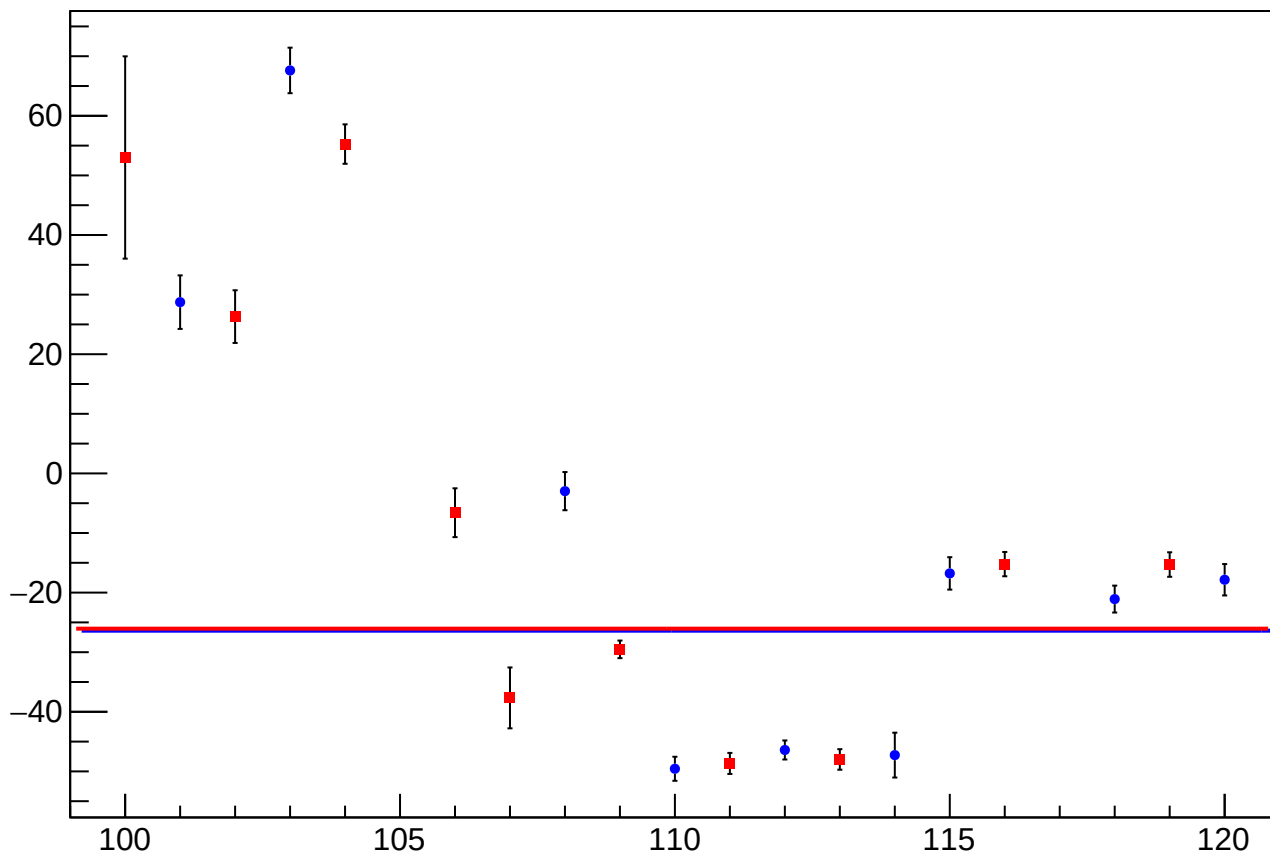
Right: 13.525+/-0.032 χ^2/NDF : 552063.5/18

In: 15.778+/-0.046 χ^2/NDF : 204228.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.525+/-0.032 χ^2/NDF : 552063.5/18

reg_asym_at1_dd_at2_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -26.389 $\pm$ 0.845 χ^2 /NDF: 1158.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -26.049 $\pm$ 0.738 χ^2 /NDF: 1181.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

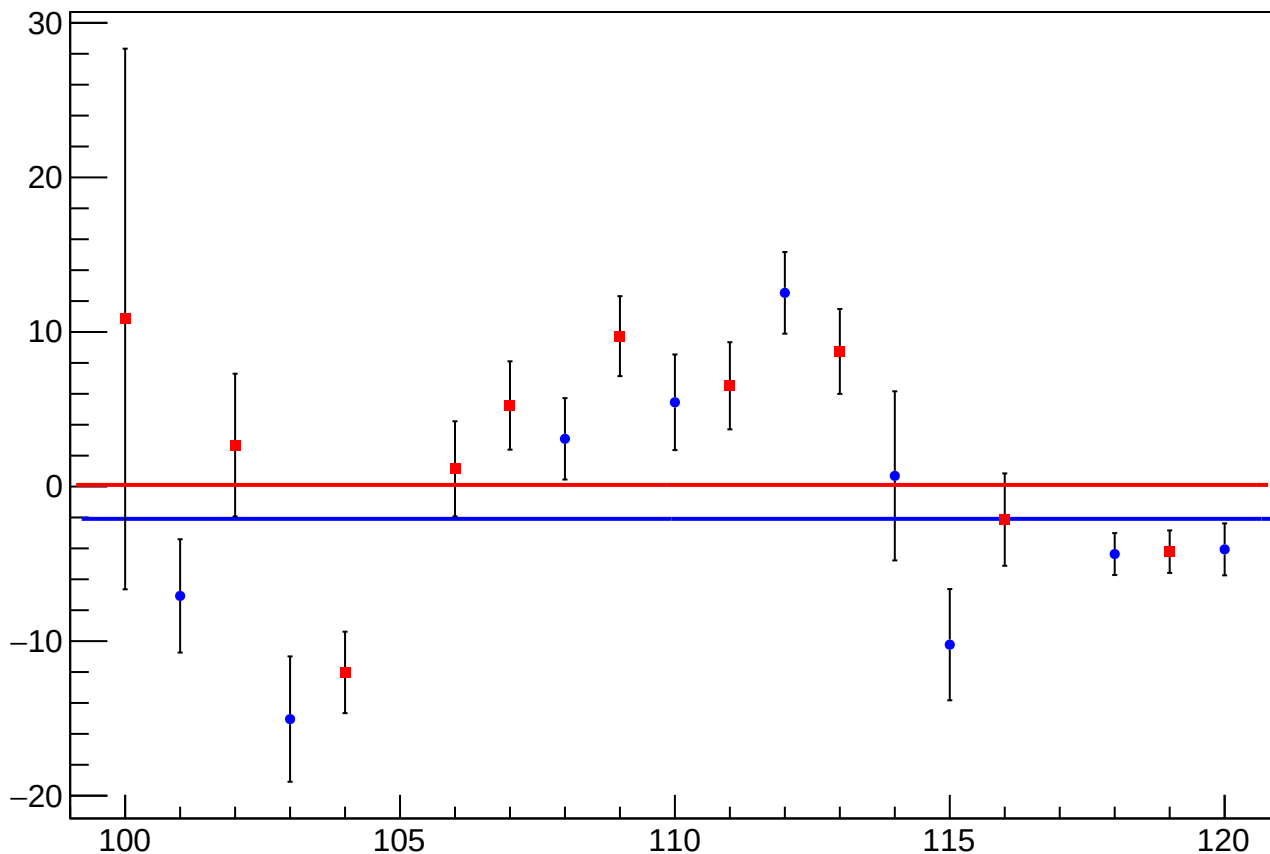
Right: -26.196 $\pm$ 0.556 χ^2 /NDF: 2339.5/18

In: -26.389 $\pm$ 0.845 χ^2 /NDF:1158.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -26.196 $\pm$ 0.556 χ^2 /NDF: 2339.5/18

reg_asym_at1_dd_at2_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.088+/-0.807 χ^2/NDF : 62.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.106+/-0.824 χ^2/NDF : 64.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

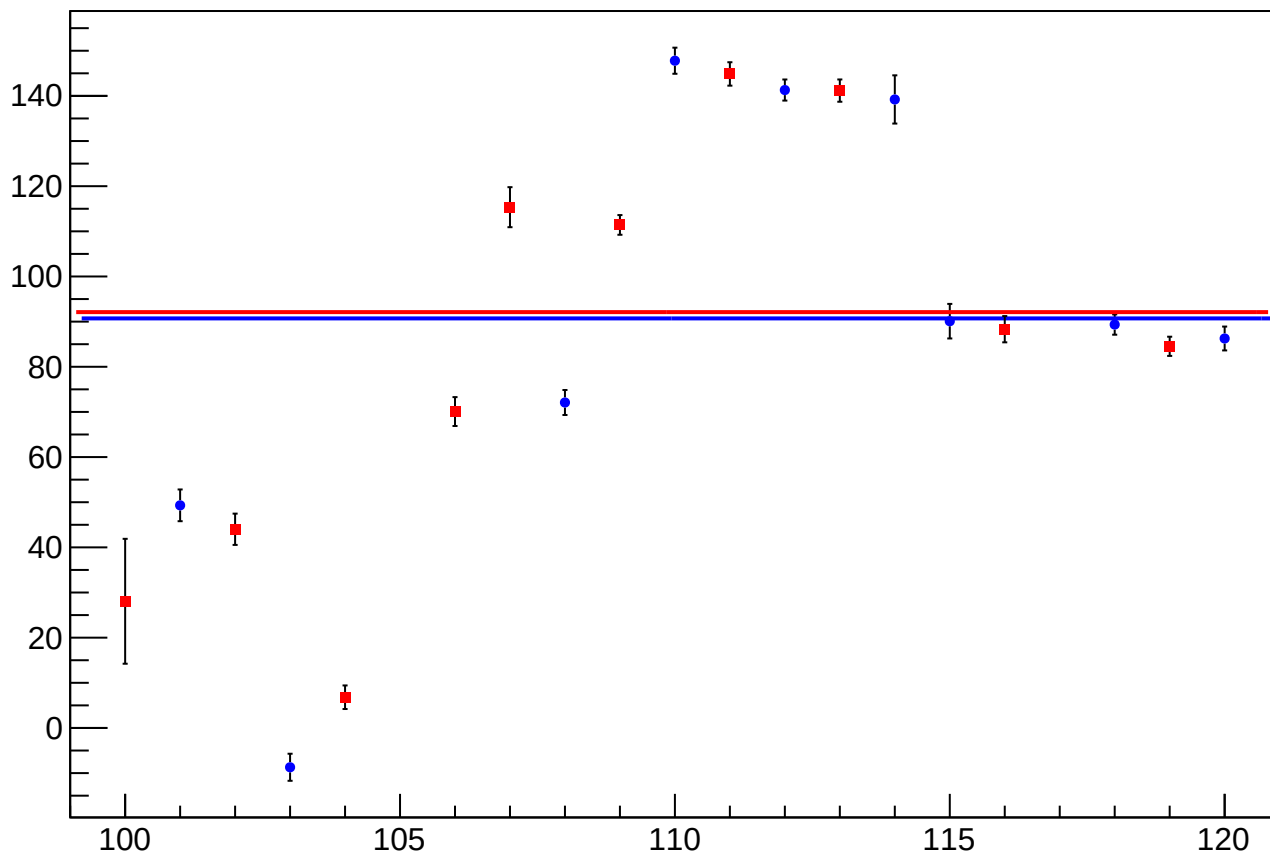
Right: -1.014+/-0.577 χ^2/NDF : 130.3/18

In: -2.088+/-0.807 χ^2/NDF : 62.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.014+/-0.577 χ^2/NDF : 130.3/18

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 90.712 $\pm$ 0.966 χ^2 /NDF: 2229.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 92.107 $\pm$ 0.896 χ^2 /NDF: 2258.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

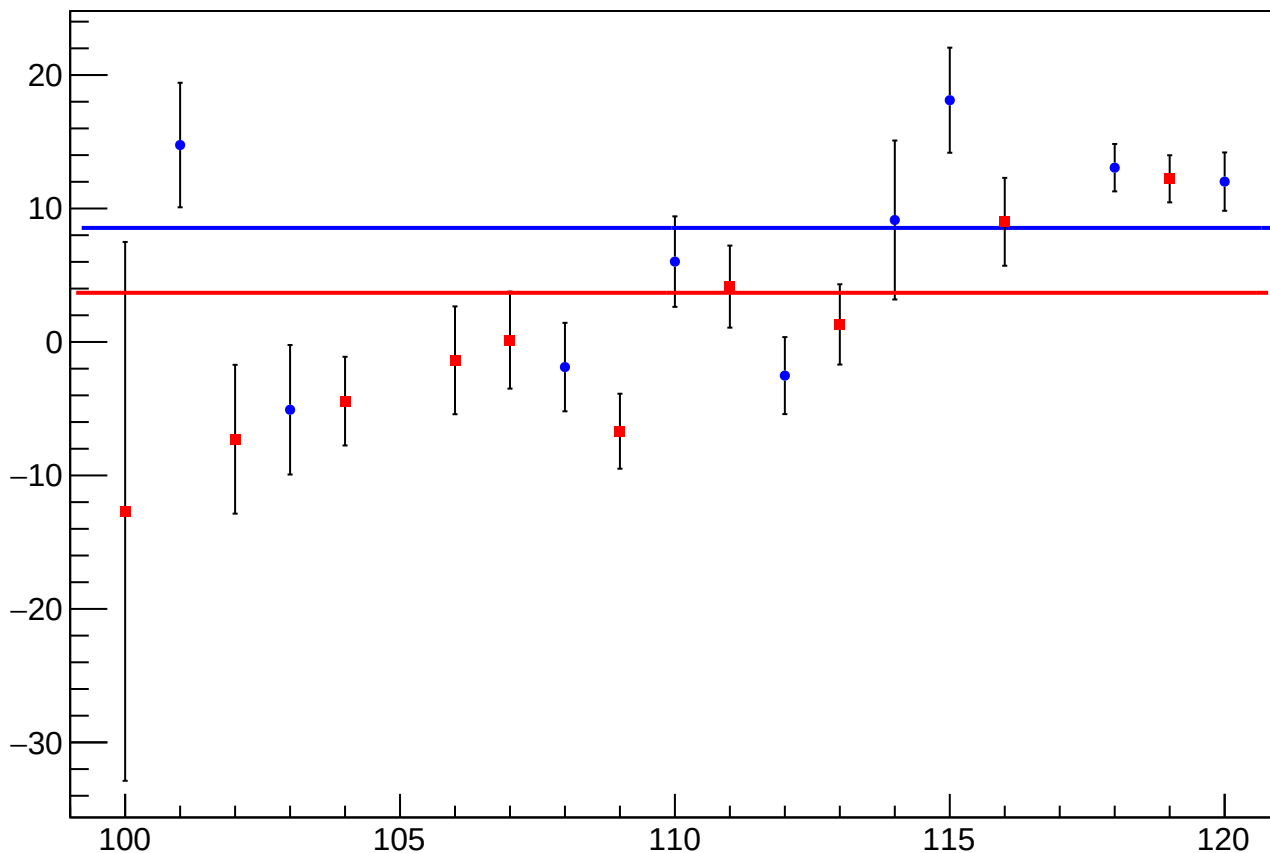
Right: 91.462 $\pm$ 0.657 χ^2 /NDF: 4489.2/18

In: 90.712 $\pm$ 0.966 χ^2 /NDF:2229.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 91.462 $\pm$ 0.657 χ^2 /NDF: 4489.2/18

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.546+/-0.997 χ^2/NDF : 49.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.685+/-0.991 χ^2/NDF : 53.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

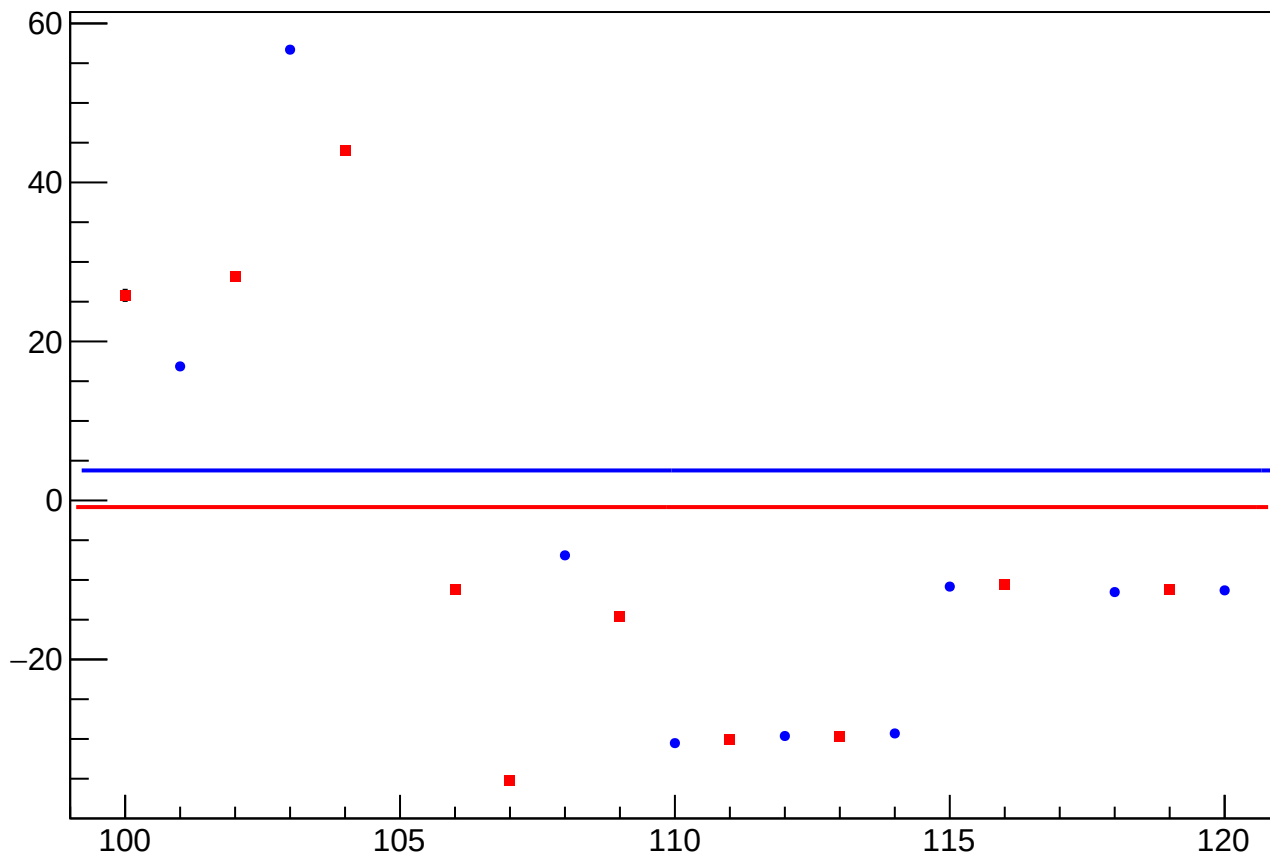
Right: 6.100+/-0.703 χ^2/NDF : 115.0/18

In: 8.546+/-0.997 χ^2/NDF : 49.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.100+/-0.703 χ^2/NDF : 115.0/18

reg_asym_at1_dd_at2_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 3.774+/-0.059 χ^2/NDF : 265499.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.833+/-0.055 χ^2/NDF : 263764.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

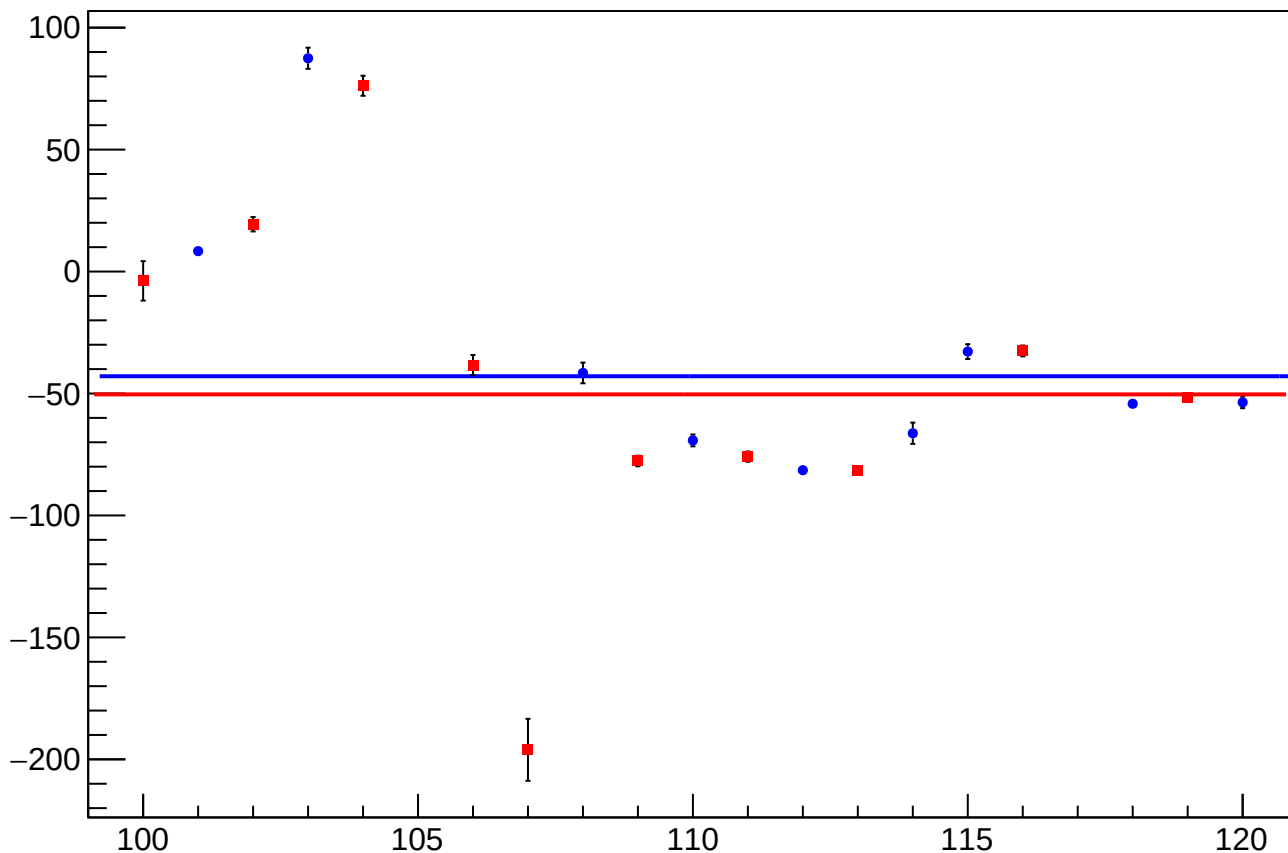
Right: 1.299+/-0.040 χ^2/NDF : 532515.8/18

In: 3.774+/-0.059 χ^2/NDF : 265499.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.299+/-0.040 χ^2/NDF : 532515.8/18

reg_asym_usl_atl1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -42.928+/-0.854 χ^2/NDF : 2169.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -50.364+/-0.839 χ^2/NDF : 2286.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

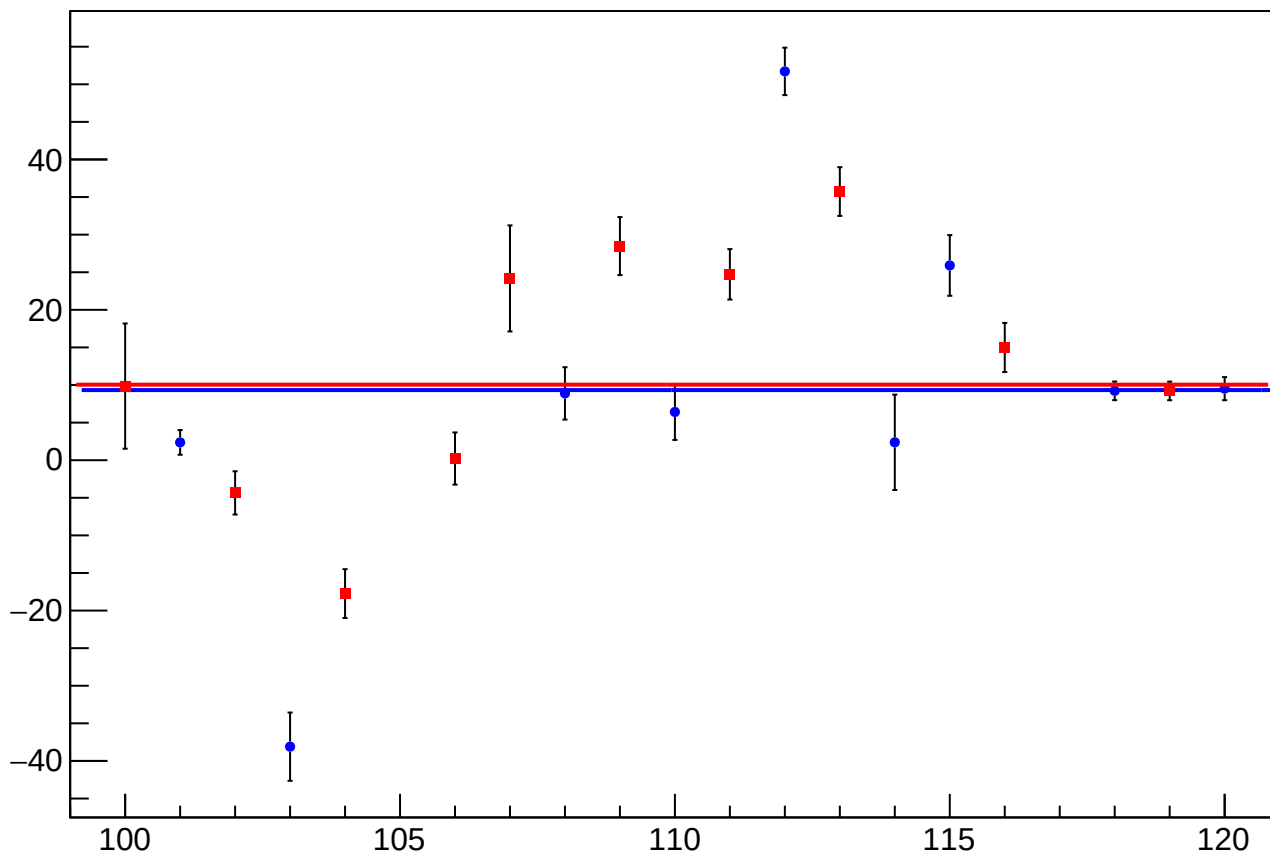
Right: -46.716+/-0.598 χ^2/NDF : 4494.4/18

In: -42.928+/-0.854 χ^2/NDF :2169.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -46.716+/-0.598 χ^2/NDF : 4494.4/18

reg_asym_usl_atl1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.327+/-0.739 χ^2/NDF : 326.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.046+/-0.866 χ^2/NDF : 217.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

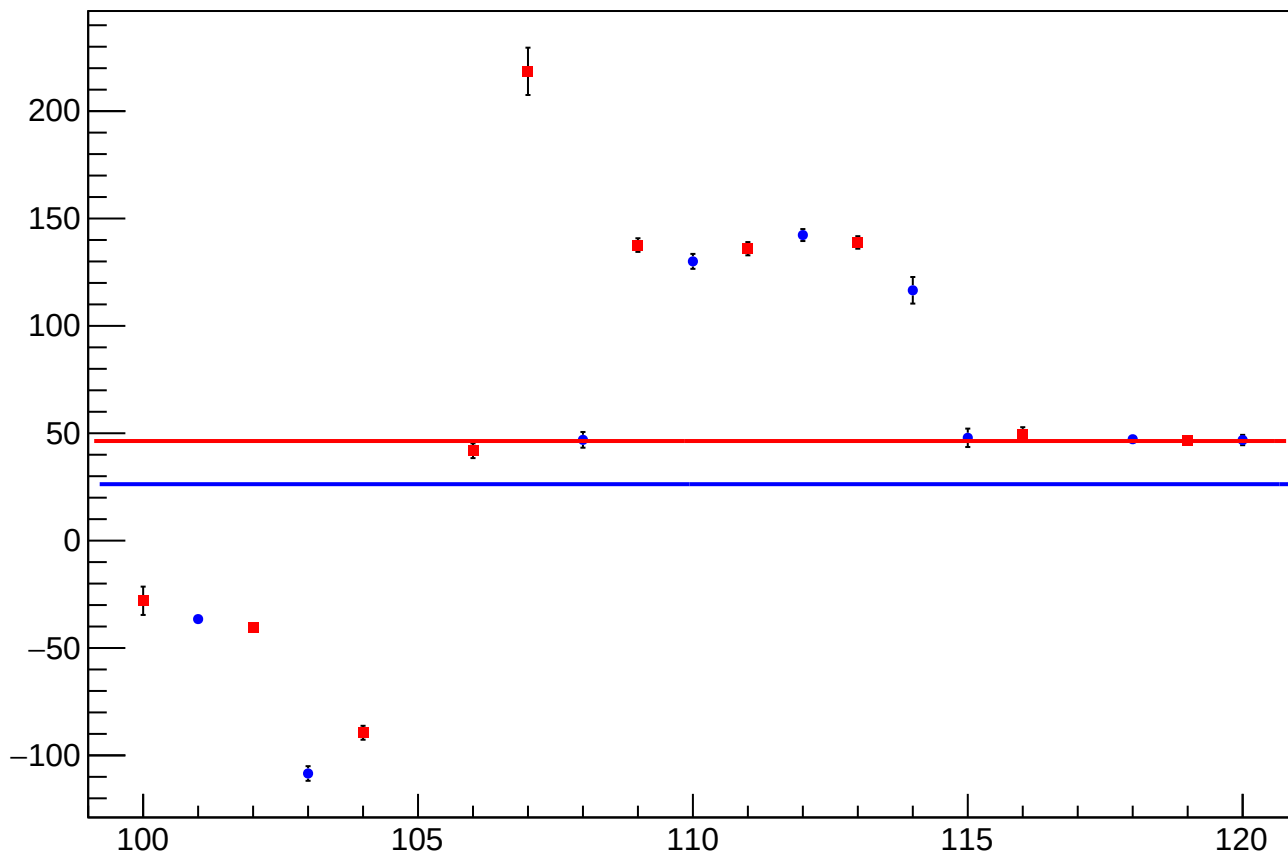
Right: 9.630+/-0.562 χ^2/NDF : 544.4/18

In: 9.327+/-0.739 χ^2/NDF : 326.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.630+/-0.562 χ^2/NDF : 544.4/18

reg_asym_usl_atl1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 26.285+/-0.889 χ^2/NDF : 6226.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.384+/-0.958 χ^2/NDF : 6208.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

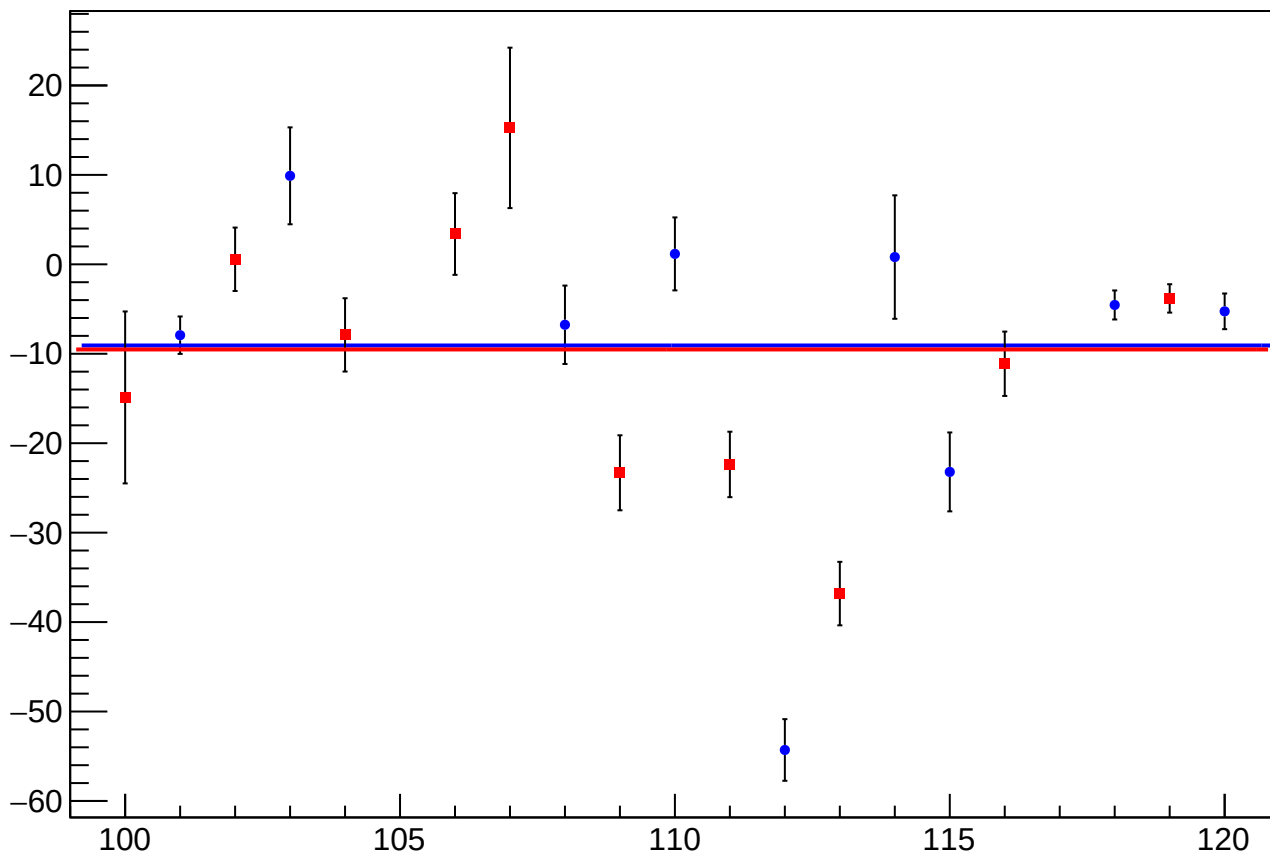
Right: 35.585+/-0.652 χ^2/NDF : 12671.7/18

In: 26.285+/-0.889 χ^2/NDF : 6226.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.585+/-0.652 χ^2/NDF : 12671.7/18

reg_asym_usl_atl1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -9.074+/-0.927 χ^2 /NDF: 215.1/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -9.518+/-1.057 χ^2 /NDF: 119.6/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

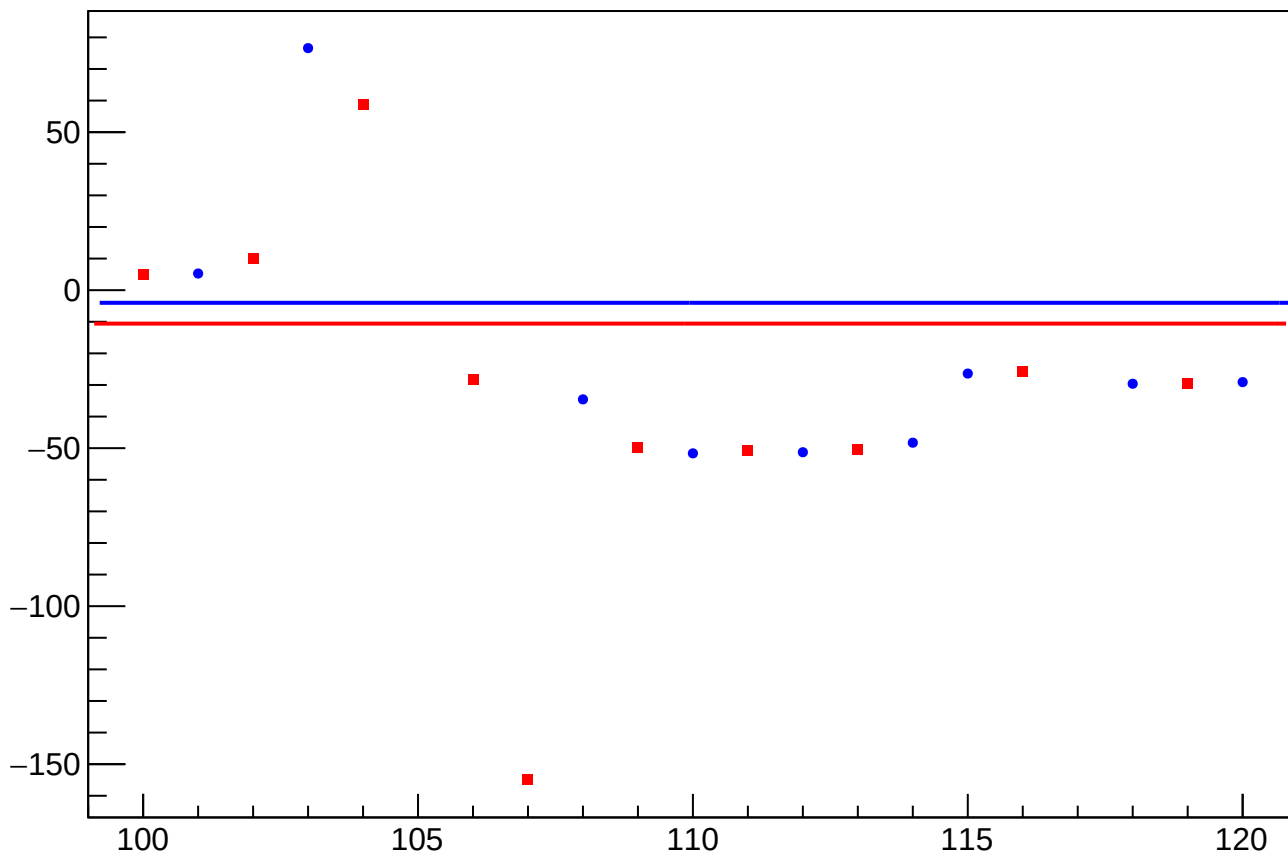
Right: -9.268+/-0.697 χ^2 /NDF: 334.8/18

In: -9.074+/-0.927 χ^2 /NDF:215.1/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -9.268+/-0.697 χ^2 /NDF: 334.8/18

reg_asym_usl_atl1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -3.996+/-0.056 χ^2/NDF : 501985.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -10.581+/-0.057 χ^2/NDF : 465797.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

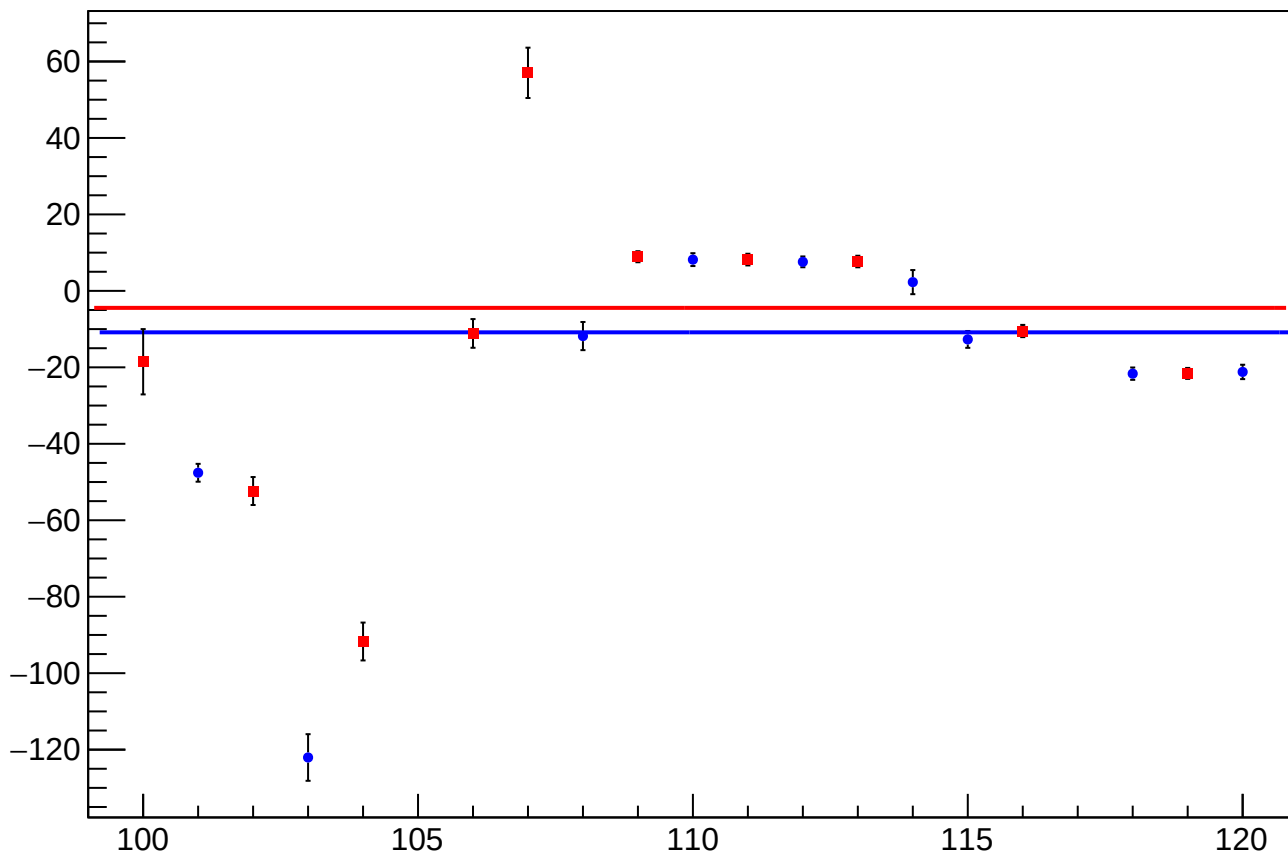
Right: -7.213+/-0.040 χ^2/NDF : 974601.0/18

In: -3.996+/-0.056 χ^2/NDF :501985.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -7.213+/-0.040 χ^2/NDF : 974601.0/18

reg_asym_usl_atl1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -10.844+/-0.688 χ^2/NDF : 971.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.445+/-0.639 χ^2/NDF : 951.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

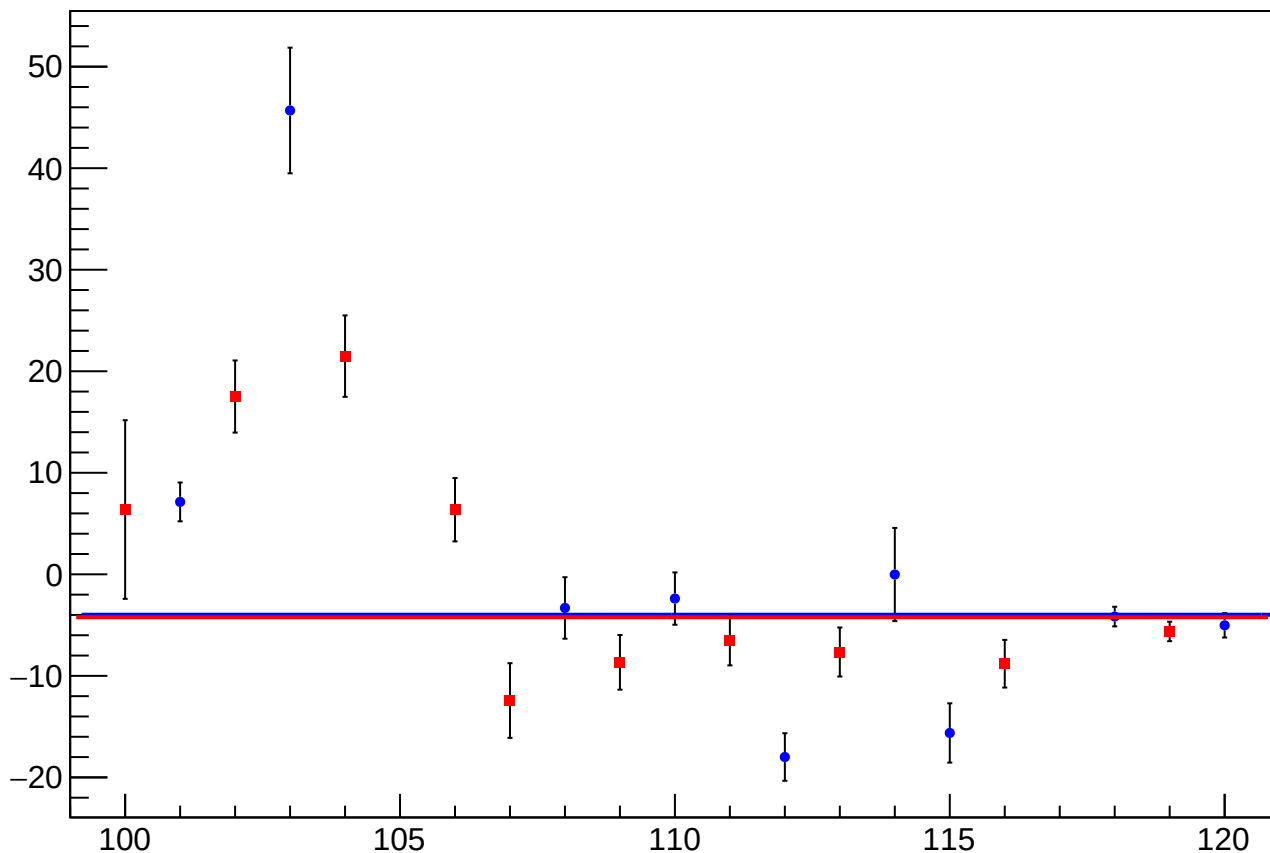
Right: -7.408+/-0.468 χ^2/NDF : 1969.7/18

In: -10.844+/-0.688 χ^2/NDF :971.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -7.408+/-0.468 χ^2/NDF : 1969.7/18

reg_asym_usl_atl1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.978+/-0.612 χ^2/NDF : 151.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.226+/-0.694 χ^2/NDF : 108.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

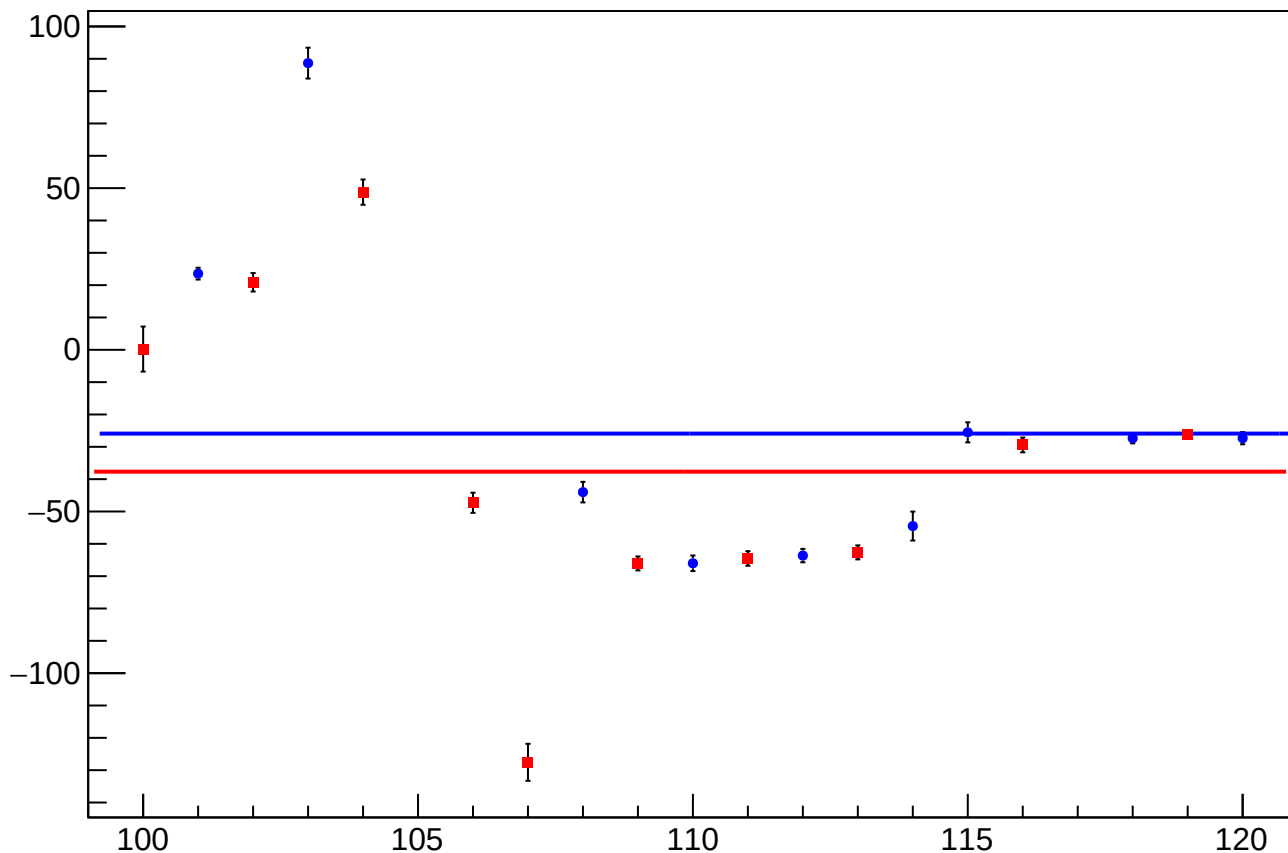
Right: -4.086+/-0.459 χ^2/NDF : 260.1/18

In: -3.978+/-0.612 χ^2/NDF : 151.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.086+/-0.459 χ^2/NDF : 260.1/18

reg_asym_usl_atl1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.911+/-0.774 χ^2/NDF : 1992.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -37.678+/-0.787 χ^2/NDF : 1716.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

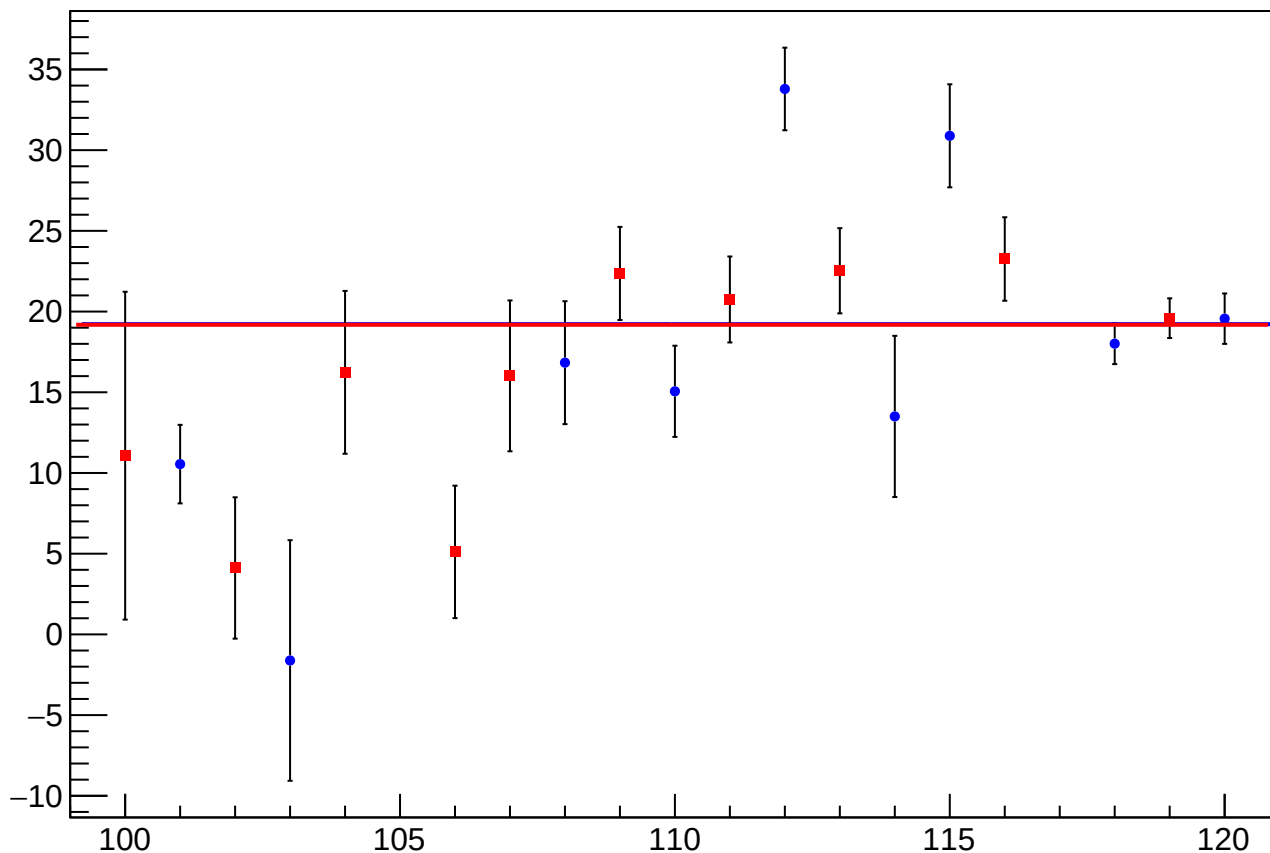
Right: -31.694+/-0.552 χ^2/NDF : 3822.2/18

In: -25.911+/-0.774 χ^2/NDF : 1992.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.694+/-0.552 χ^2/NDF : 3822.2/18

reg_asym_usl_atl1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 19.220+/-0.765 χ^2 /NDF: 71.1/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 19.182+/-0.839 χ^2 /NDF: 30.8/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

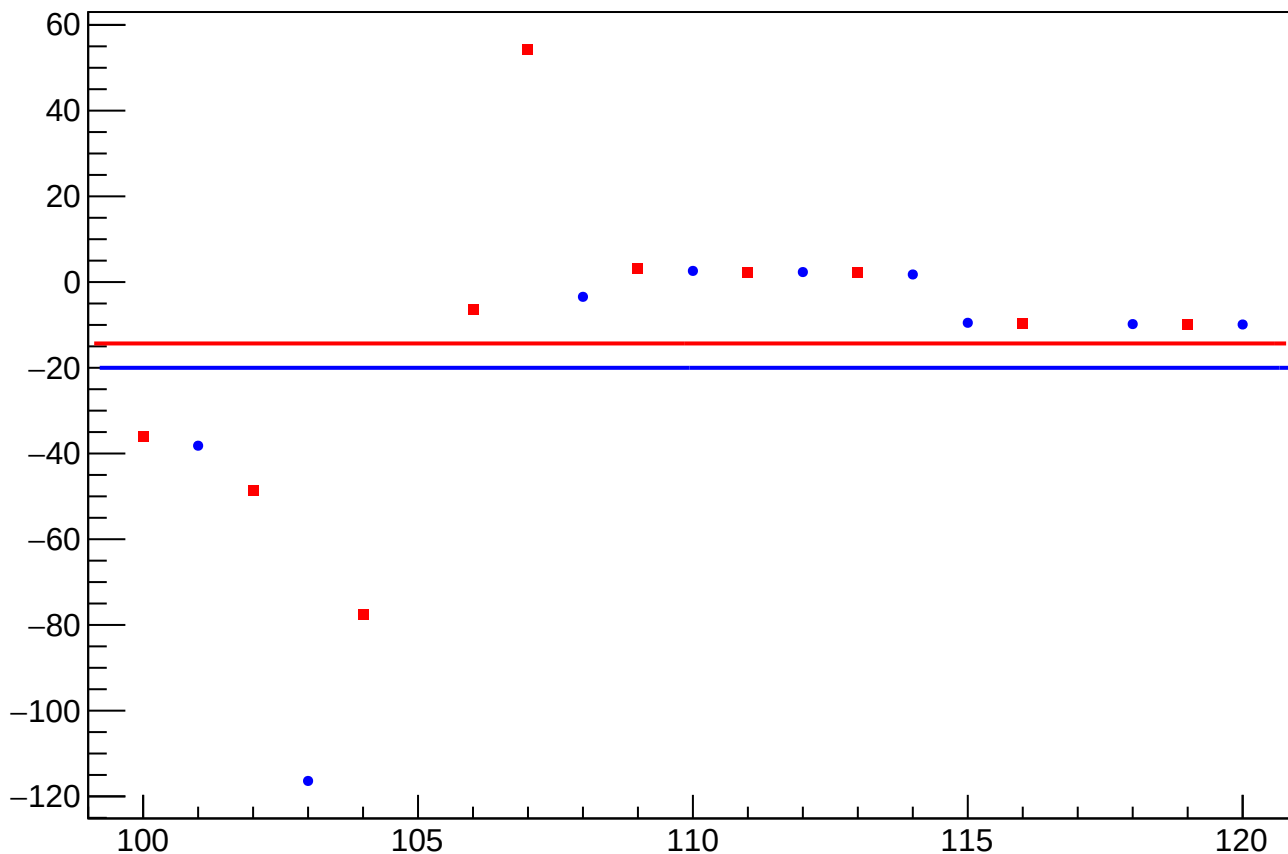
Right: 19.203+/-0.565 χ^2 /NDF: 102.0/18

In: 19.220+/-0.765 χ^2 /NDF:71.1/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 19.203+/-0.565 χ^2 /NDF: 102.0/18

reg_asym_usl_atl1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.006+/-0.052 χ^2/NDF : 319319.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -14.324+/-0.051 χ^2/NDF : 309283.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

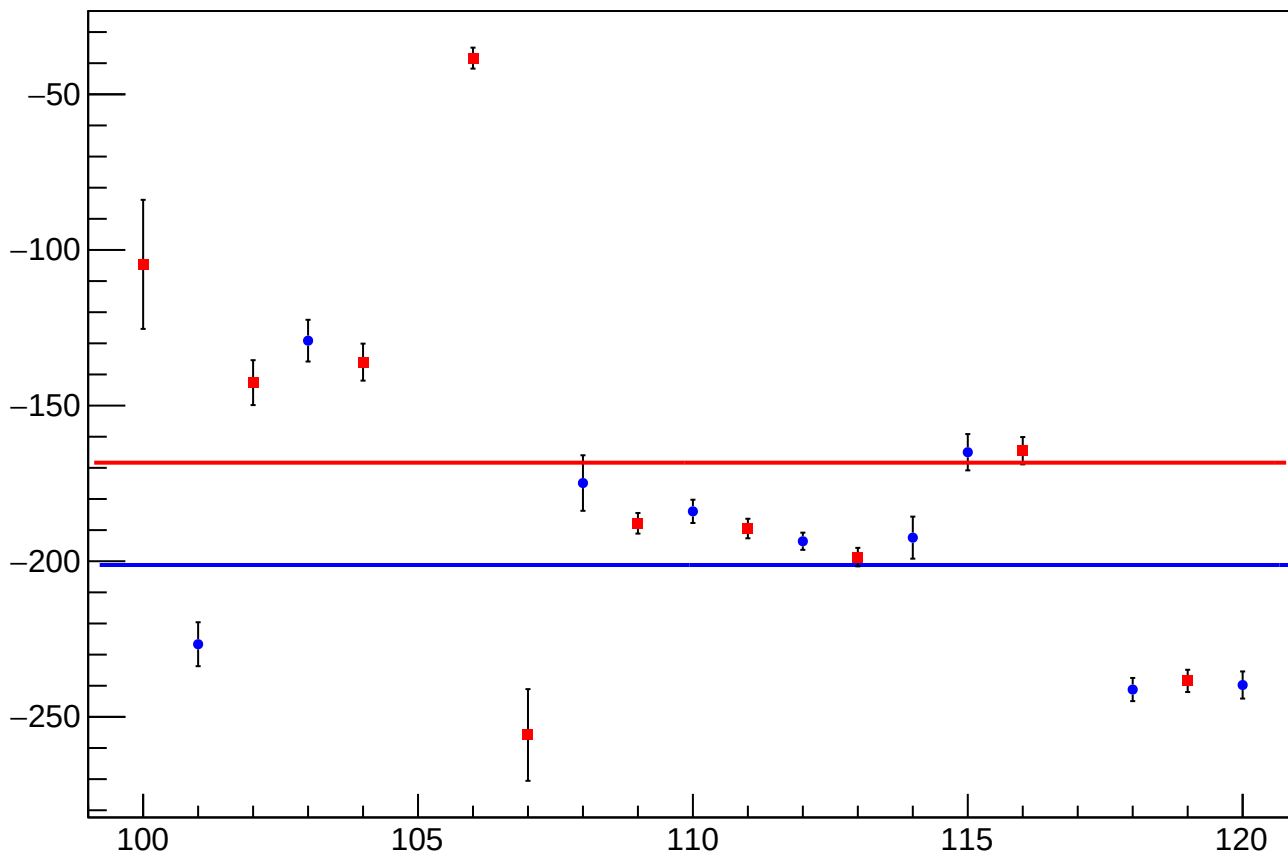
Right: -17.124+/-0.037 χ^2/NDF : 634602.0/18

In: -20.006+/-0.052 χ^2/NDF :319319.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -17.124+/-0.037 χ^2/NDF : 634602.0/18

reg_asym_usl_atl2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -201.209+/-1.518 χ^2/NDF : 400.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -168.335+/-1.314 χ^2/NDF : 2149.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

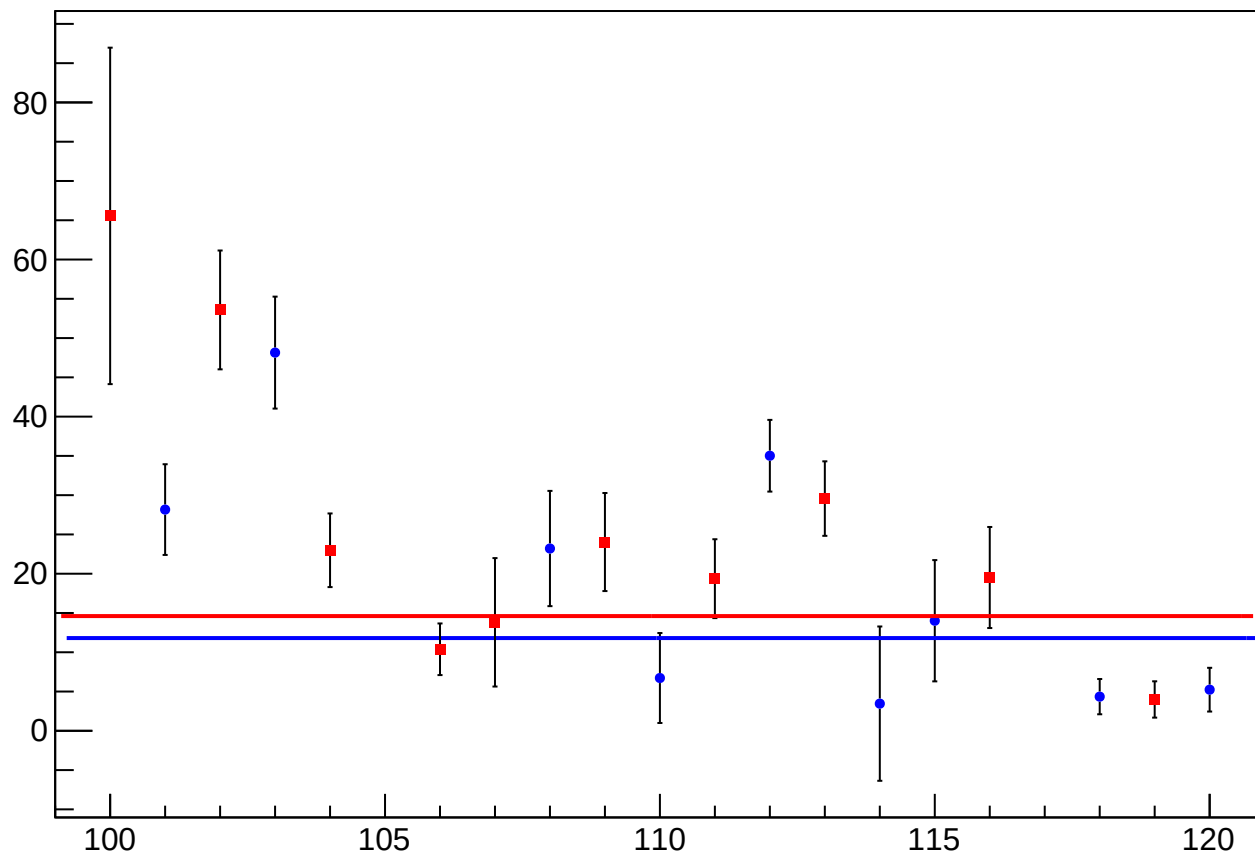
Right: -182.425+/-0.994 χ^2/NDF : 2817.5/18

In: -201.209+/-1.518 χ^2/NDF : 400.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -182.425+/-0.994 χ^2/NDF : 2817.5/18

reg_asym_usl_atl2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.807+/-1.412 χ^2/NDF : 80.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.606+/-1.423 χ^2/NDF : 71.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

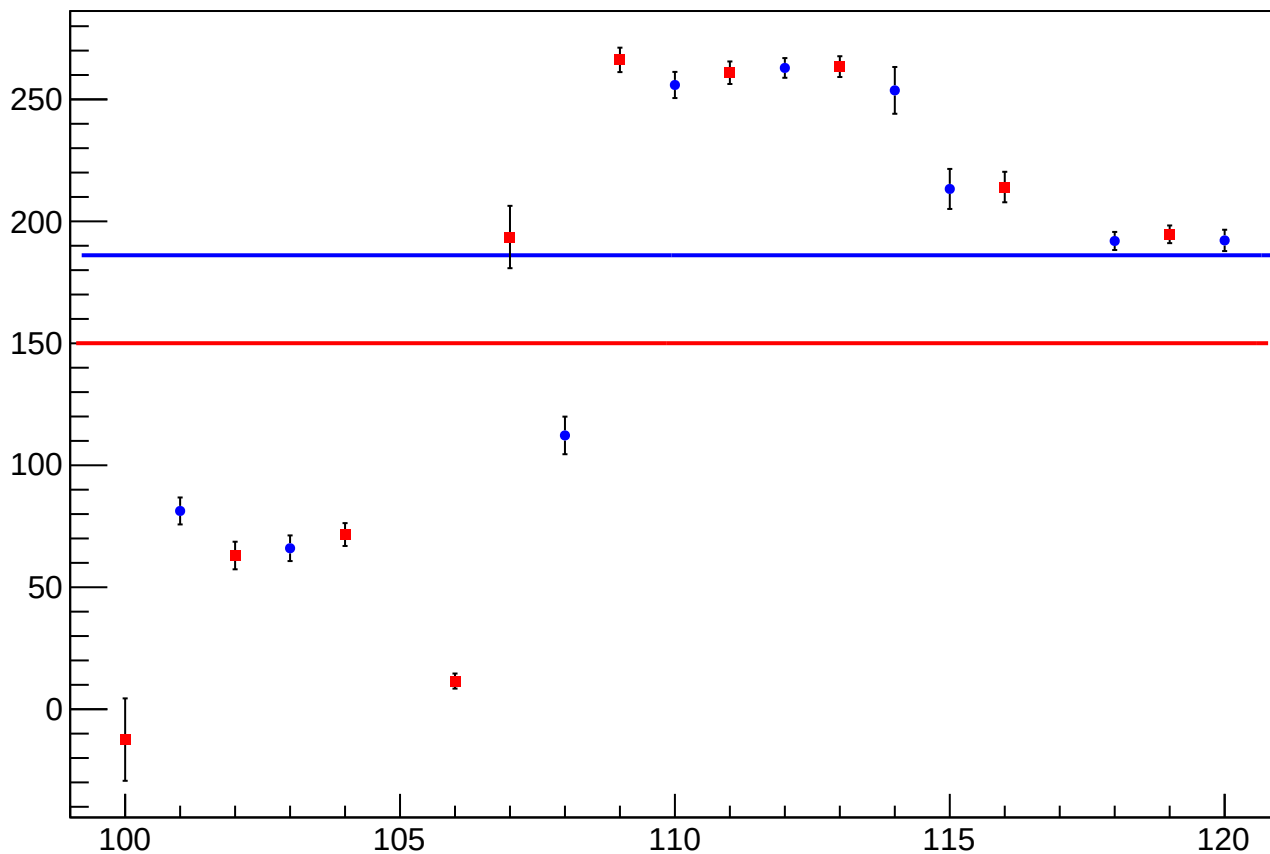
Right: 13.196+/-1.002 χ^2/NDF : 154.3/18

In: 11.807+/-1.412 χ^2/NDF : 80.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.196+/-1.002 χ^2/NDF : 154.3/18

reg_asym_usl_atl2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 186.099+/-1.734 χ^2/NDF : 1569.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.049+/-1.516 χ^2/NDF : 4713.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

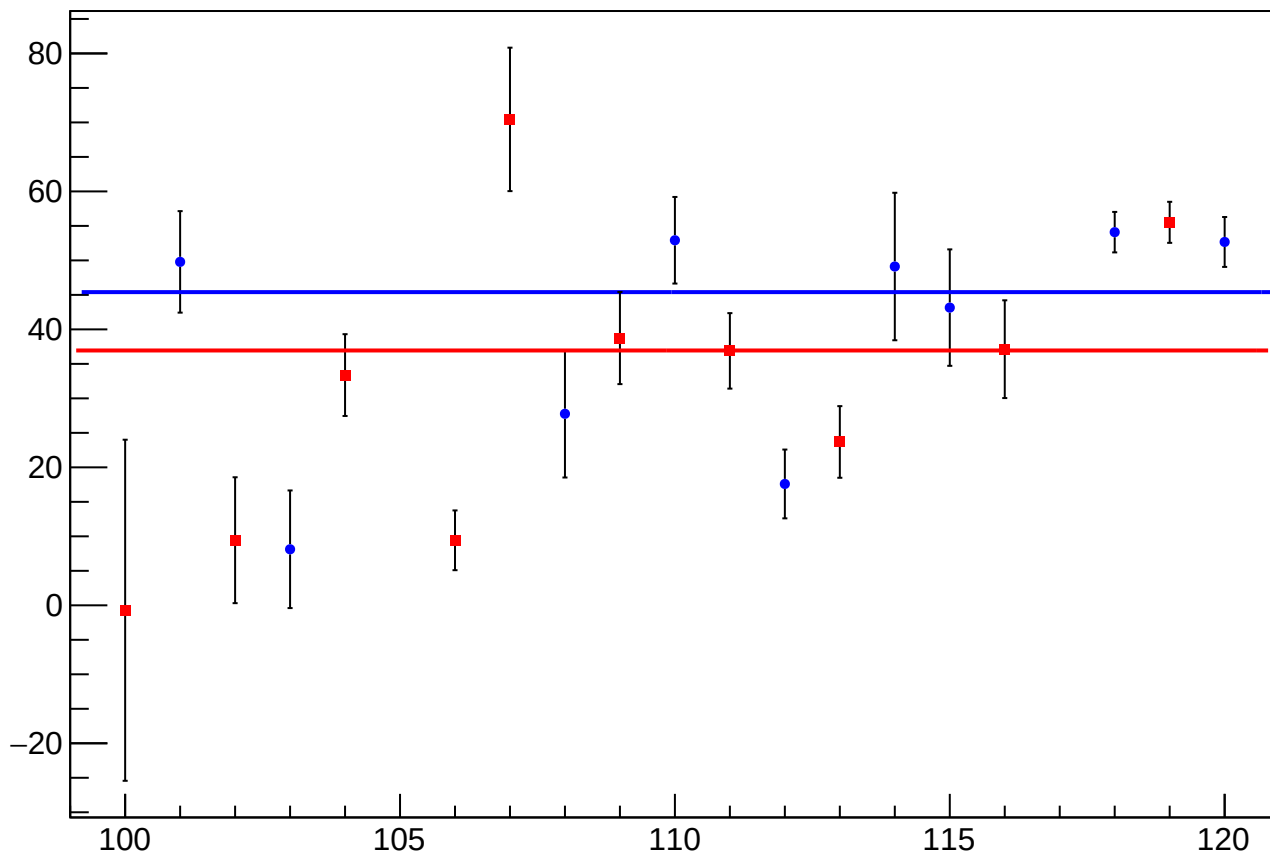
Right: 165.673+/-1.141 χ^2/NDF : 6527.9/18

In: 186.099+/-1.734 χ^2/NDF : 1569.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.673+/-1.141 χ^2/NDF : 6527.9/18

reg_asym_usl_atl2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.401 $\pm$ 1.754 χ^2 /NDF: 68.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 36.942 $\pm$ 1.739 χ^2 /NDF: 108.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

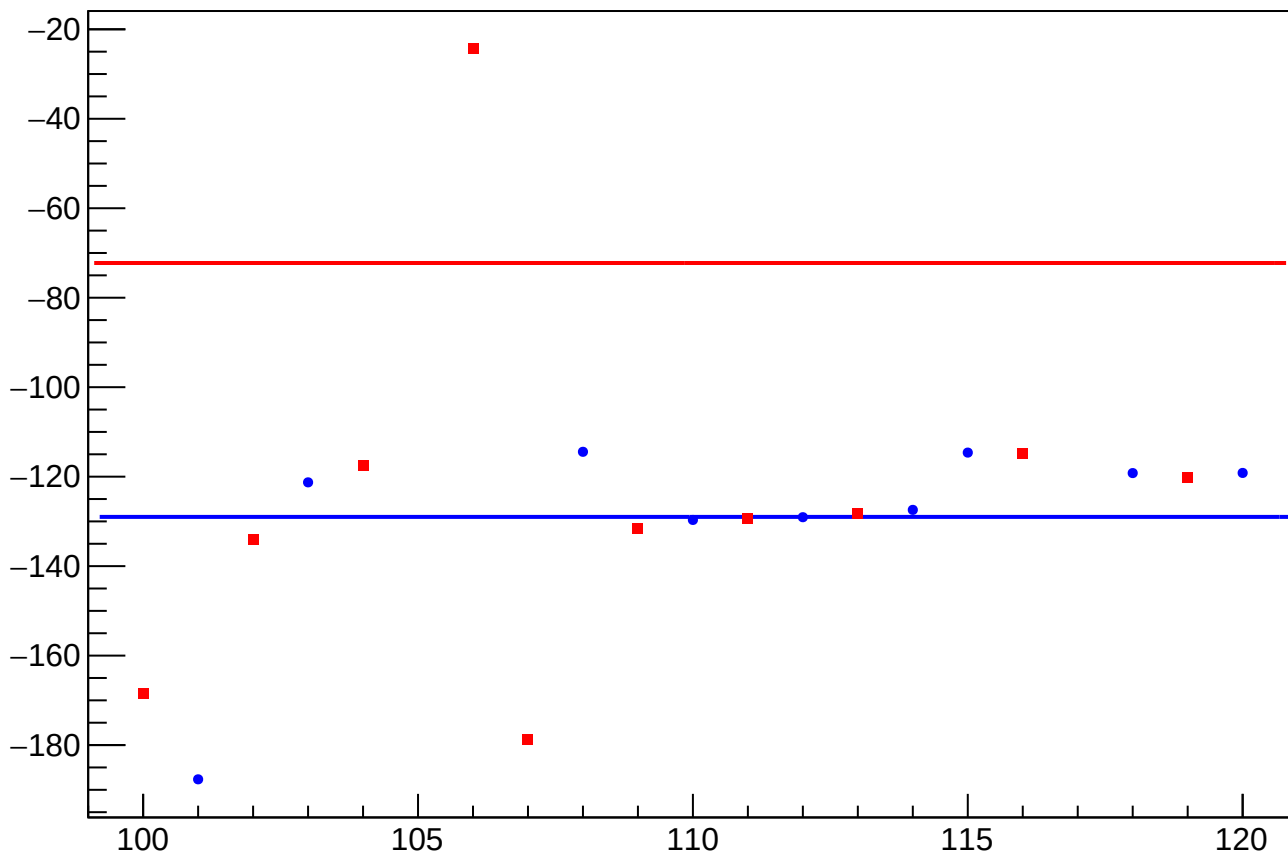
Right: 41.135 $\pm$ 1.235 χ^2 /NDF: 188.5/18

In: 45.401 $\pm$ 1.754 χ^2 /NDF:68.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 41.135 $\pm$ 1.235 χ^2 /NDF: 188.5/18

reg_asym_usl_atl2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -128.994+/-0.112 χ^2/NDF : 37436.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -72.239+/-0.075 χ^2/NDF : 495940.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

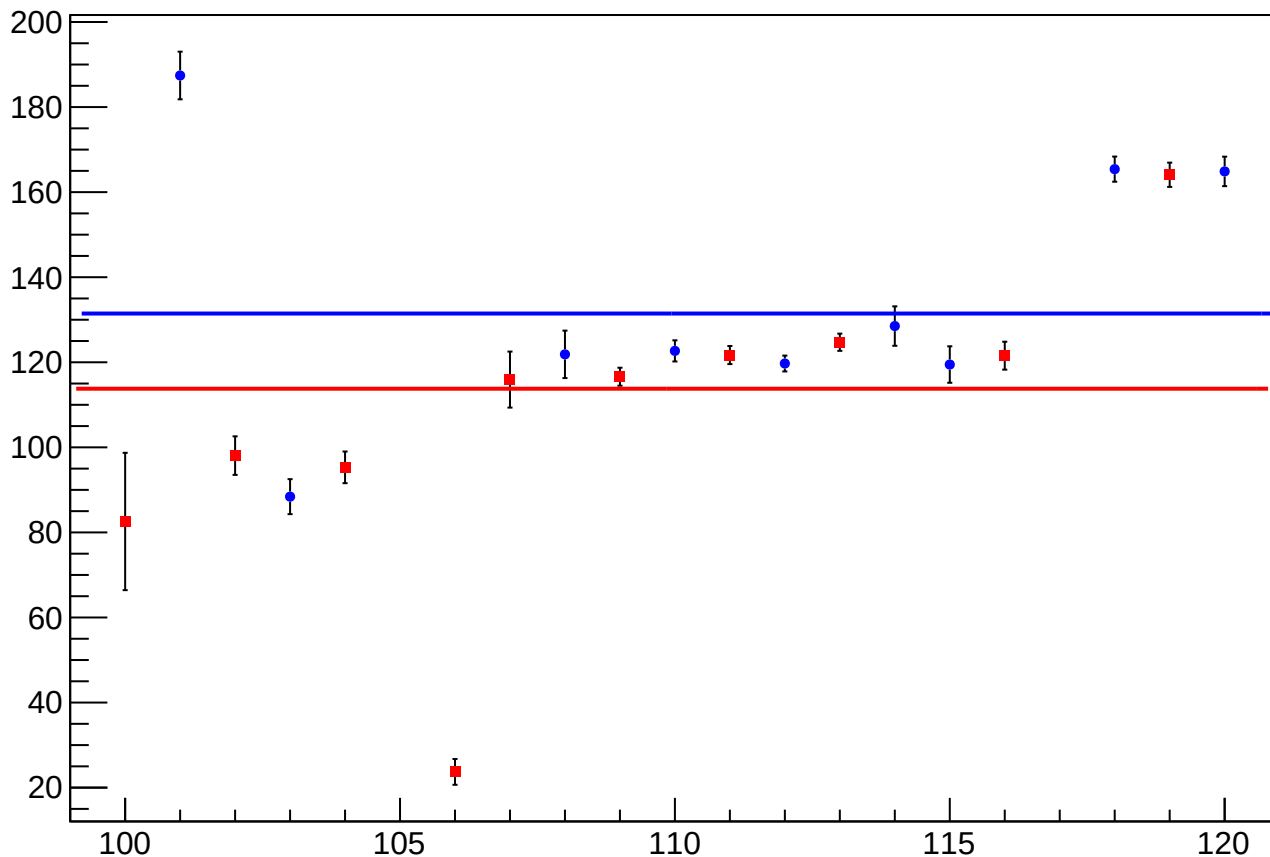
Right: -89.759+/-0.062 χ^2/NDF : 710373.1/18

In: -128.994+/-0.112 χ^2/NDF : 37436.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -89.759+/-0.062 χ^2/NDF : 710373.1/18

reg_asym_usl_atl2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 131.459+/-1.071 χ^2/NDF : 497.5/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 113.786+/-0.927 χ^2/NDF : 1284.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

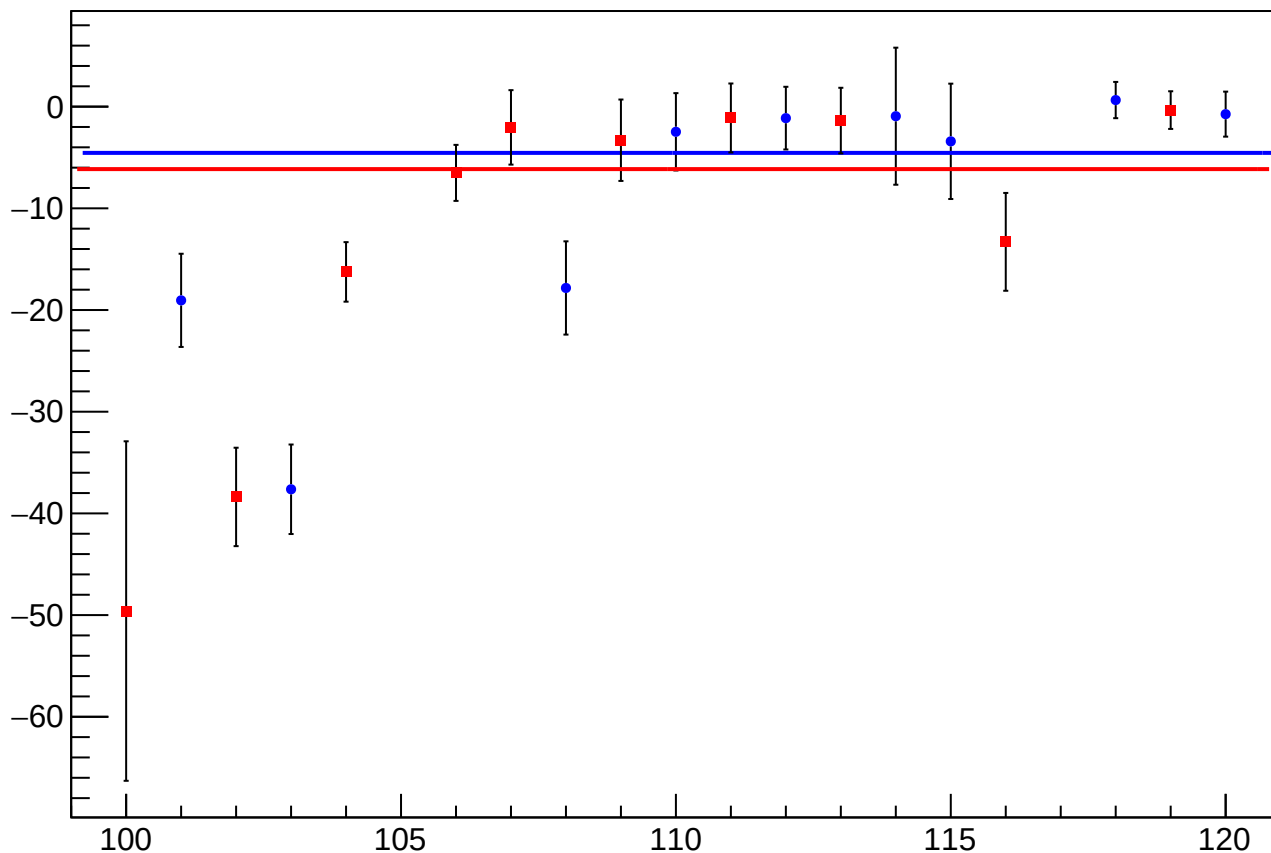
Right: 121.359+/-0.701 χ^2/NDF : 1937.9/18

In: 131.459+/-1.071 χ^2/NDF :497.5/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 121.359+/-0.701 χ^2/NDF : 1937.9/18

reg_asym_usl_atl2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.548+/-1.058 χ^2/NDF : 88.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -6.142+/-1.026 χ^2/NDF : 81.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

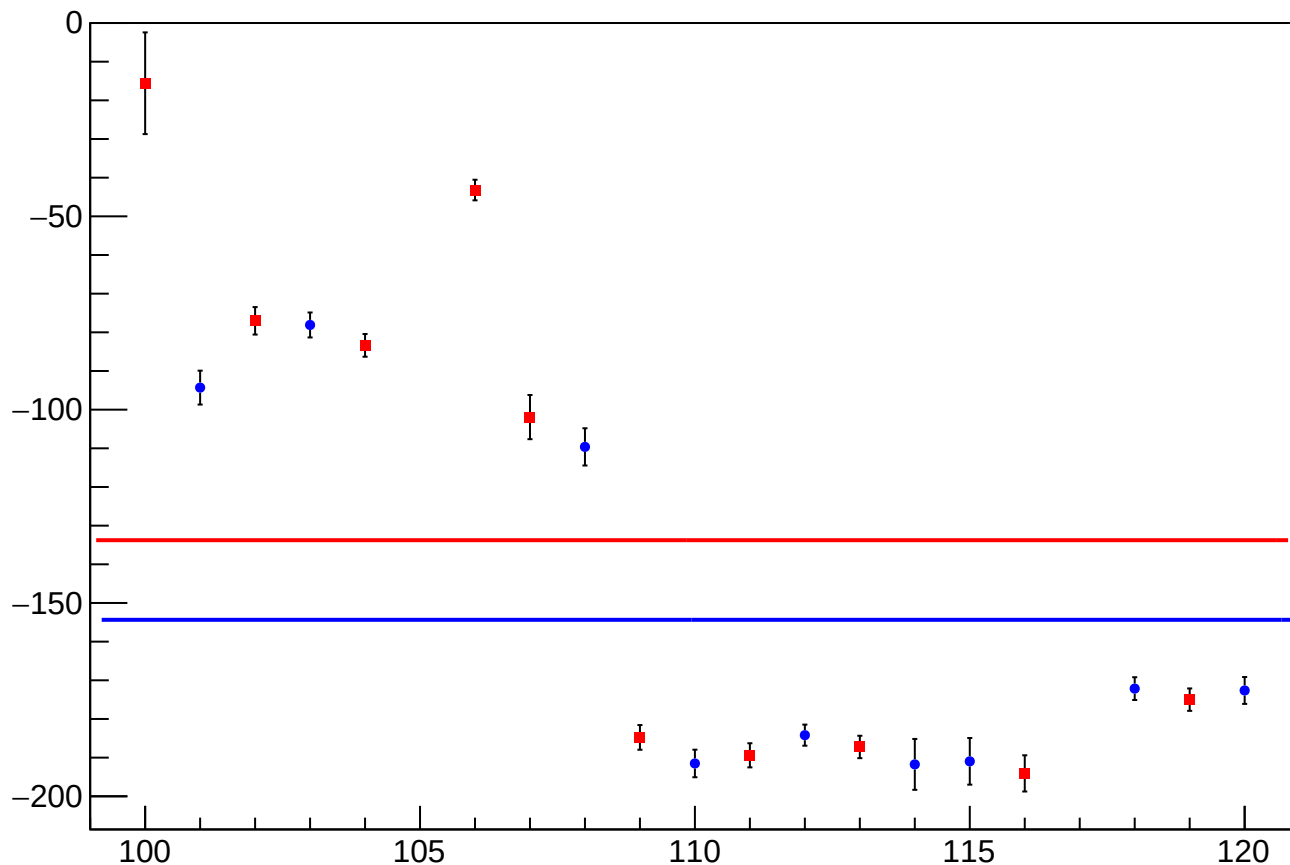
Right: -5.370+/-0.737 χ^2/NDF : 170.7/18

In: -4.548+/-1.058 χ^2/NDF :88.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.370+/-0.737 χ^2/NDF : 170.7/18

reg_asym_usl_atl2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -154.353+/-1.238 χ^2/NDF : 1193.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -133.763+/-1.080 χ^2/NDF : 3099.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

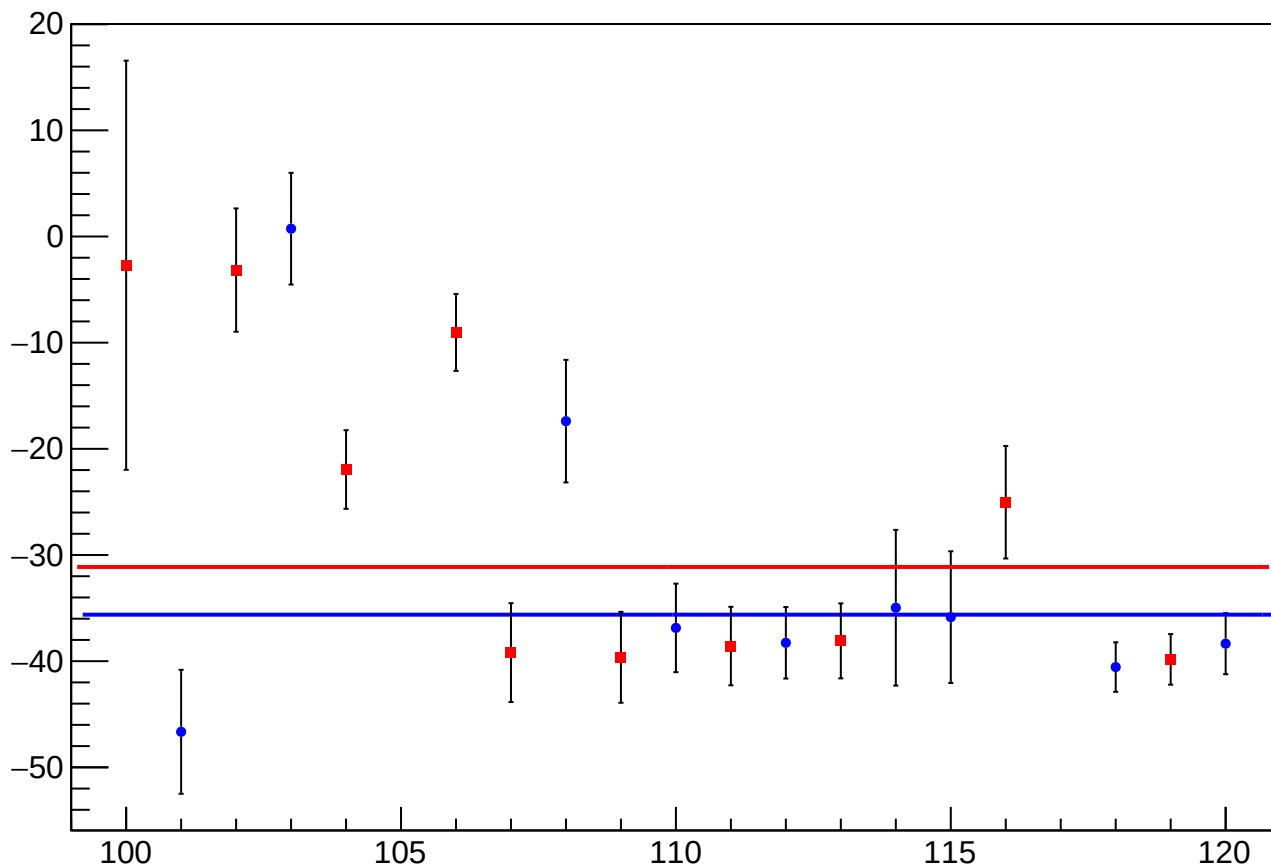
Right: -142.665+/-0.814 χ^2/NDF : 4449.5/18

In: -154.353+/-1.238 χ^2/NDF : 1193.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -142.665+/-0.814 χ^2/NDF : 4449.5/18

reg_asym_usl_atl2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -35.621+/-1.301 χ^2/NDF : 67.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.127+/-1.243 χ^2/NDF : 98.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

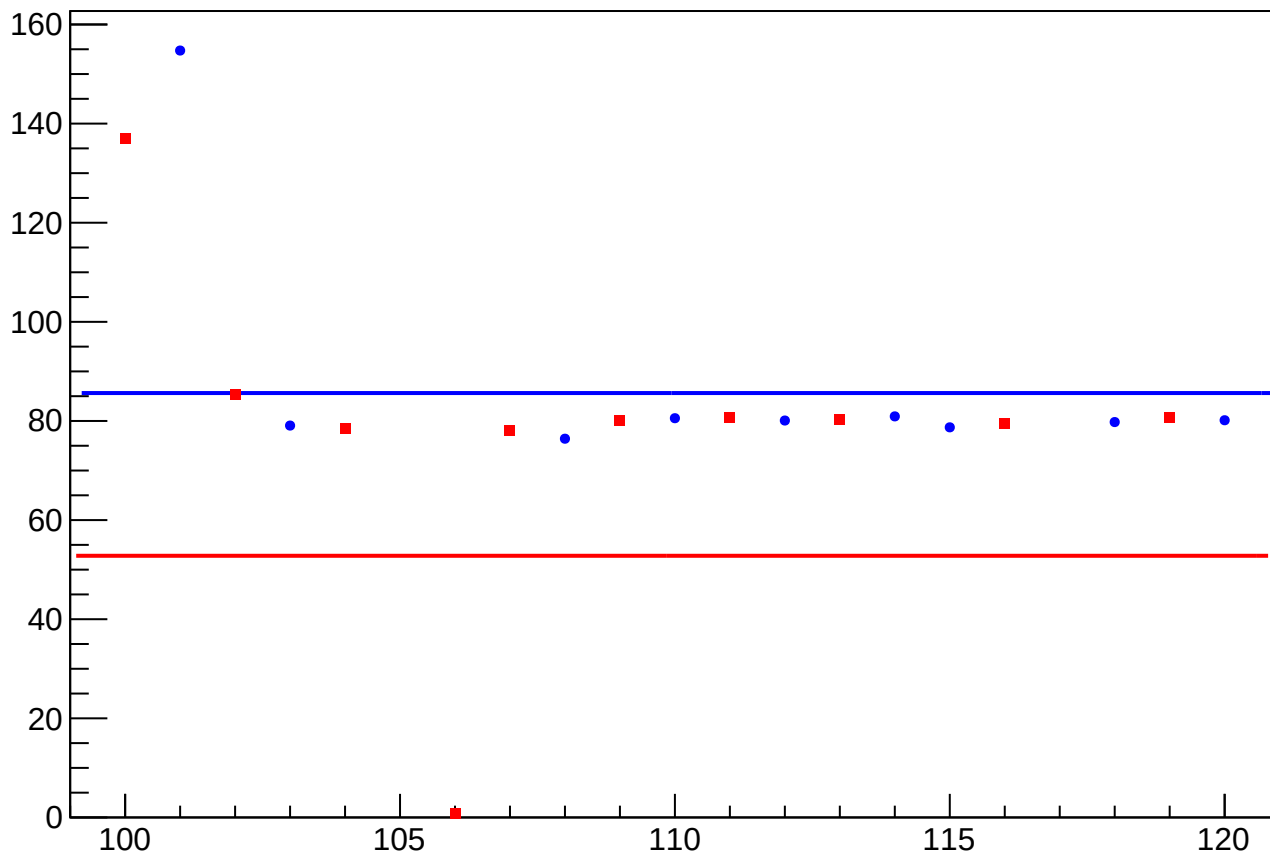
Right: -33.271+/-0.899 χ^2/NDF : 171.9/18

In: -35.621+/-1.301 χ^2/NDF : 67.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.271+/-0.899 χ^2/NDF : 171.9/18

reg_asym_usl_atl2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 85.634+/-0.077 χ^2/NDF : 76472.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.799+/-0.057 χ^2/NDF : 458260.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

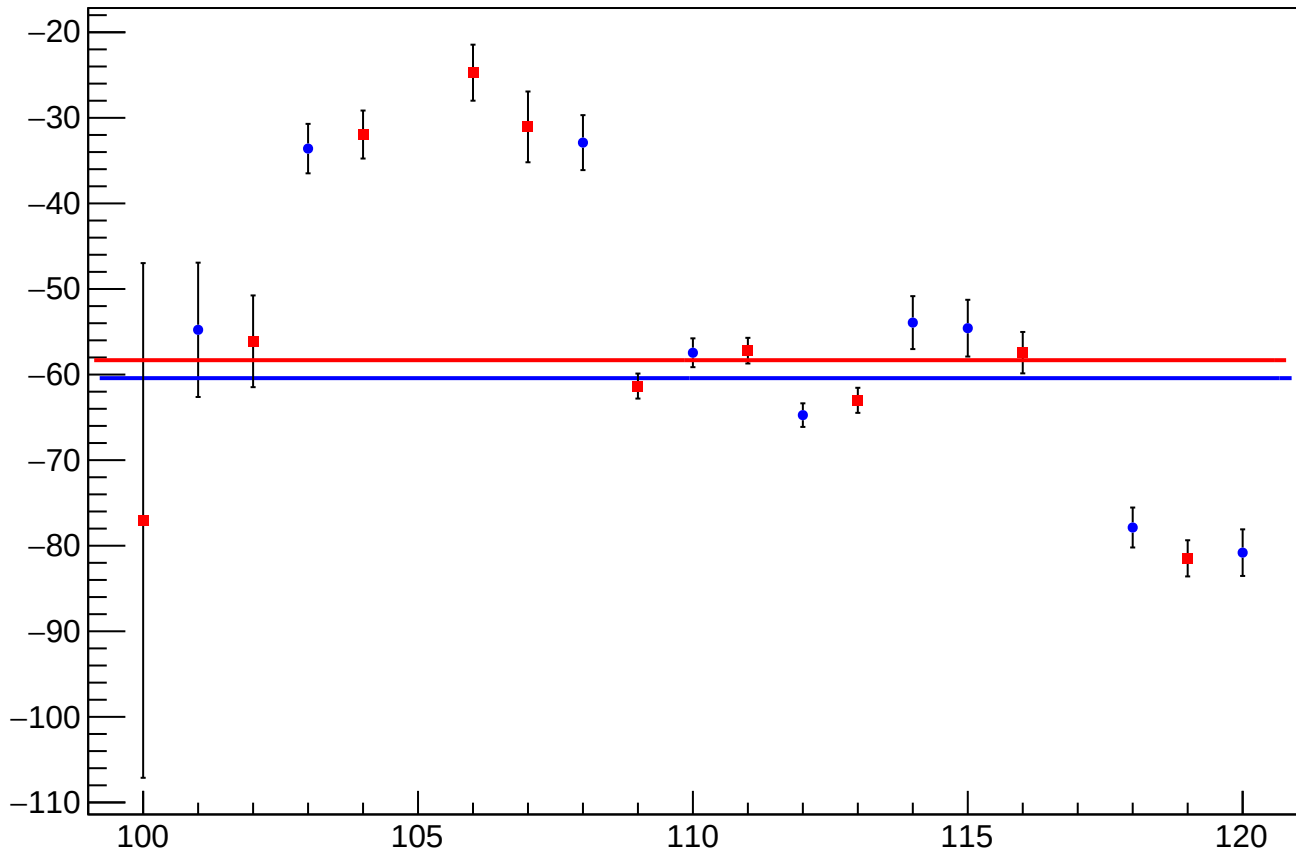
Right: 64.551+/-0.046 χ^2/NDF : 651607.7/18

In: 85.634+/-0.077 χ^2/NDF : 76472.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.551+/-0.046 χ^2/NDF : 651607.7/18

reg_asym_usr_atr1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -60.419+/-0.784 χ^2/NDF : 292.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -58.319+/-0.692 χ^2/NDF : 373.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

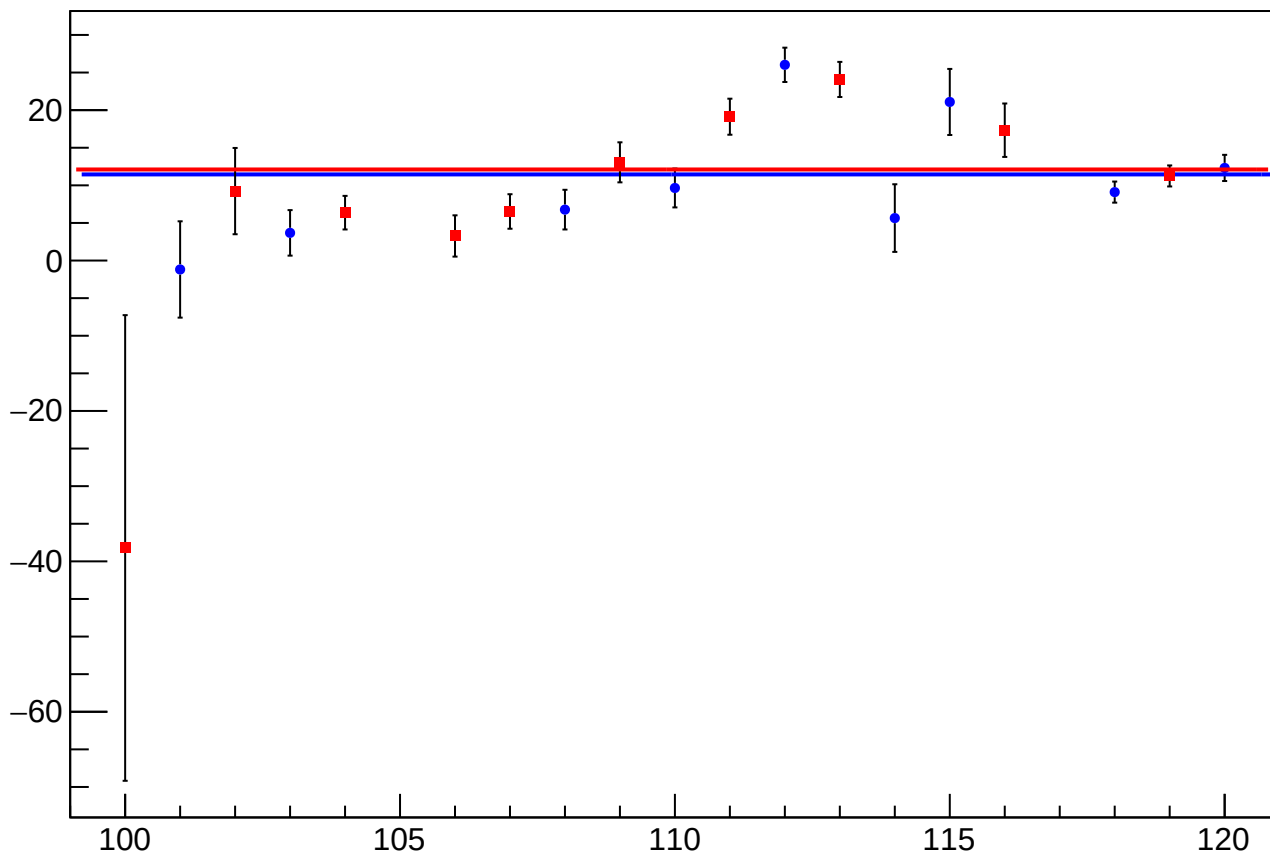
Right: -59.238+/-0.519 χ^2/NDF : 669.6/18

In: -60.419+/-0.784 χ^2/NDF : 292.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -59.238+/-0.519 χ^2/NDF : 669.6/18

reg_asym_usr_atr1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.453+/-0.801 χ^2 /NDF: 64.5/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 12.111+/-0.780 χ^2 /NDF: 63.3/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

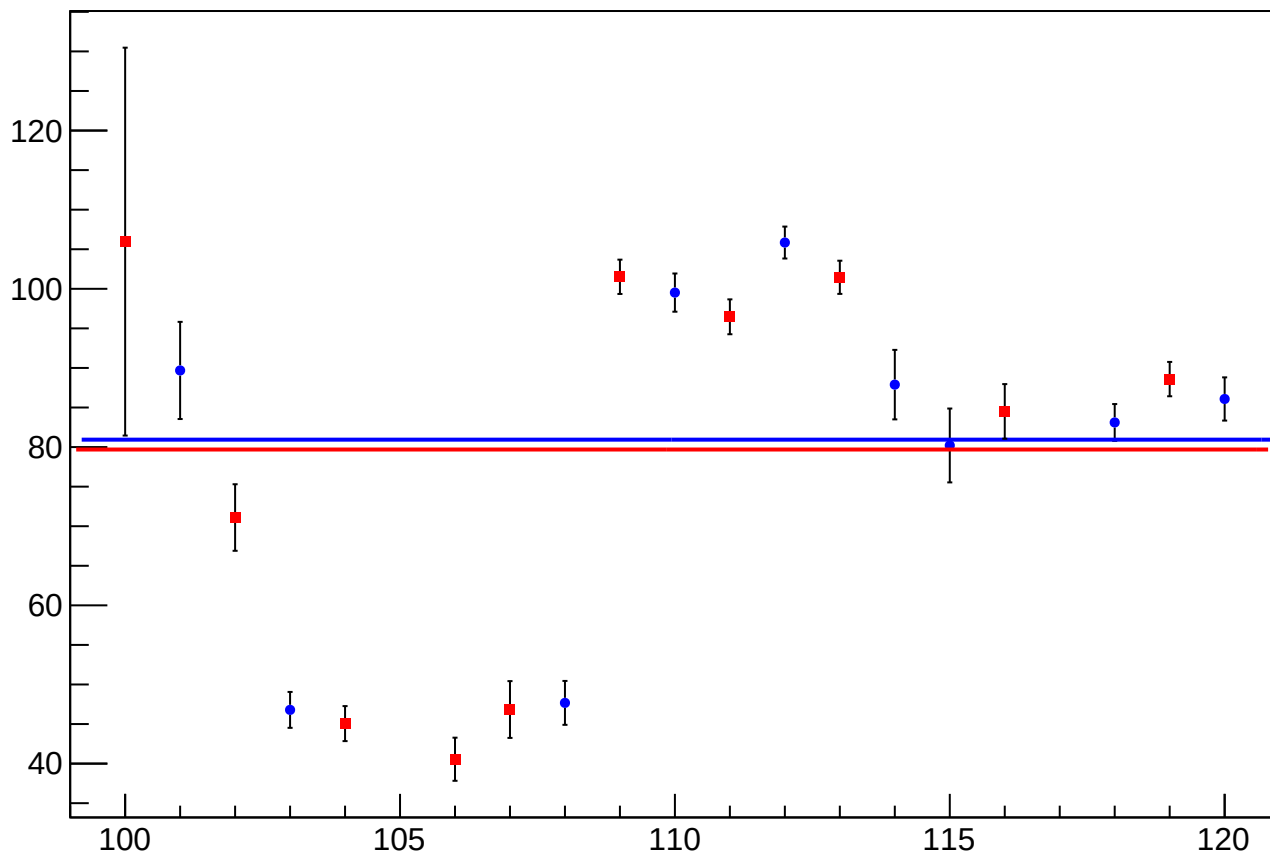
Right: 11.790+/-0.559 χ^2 /NDF: 128.1/18

In: 11.453+/-0.801 χ^2 /NDF:64.5/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 11.790+/-0.559 χ^2 /NDF: 128.1/18

reg_asym_usr_atr1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 80.938+/-0.919 χ^2/NDF : 591.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.691+/-0.840 χ^2/NDF : 826.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

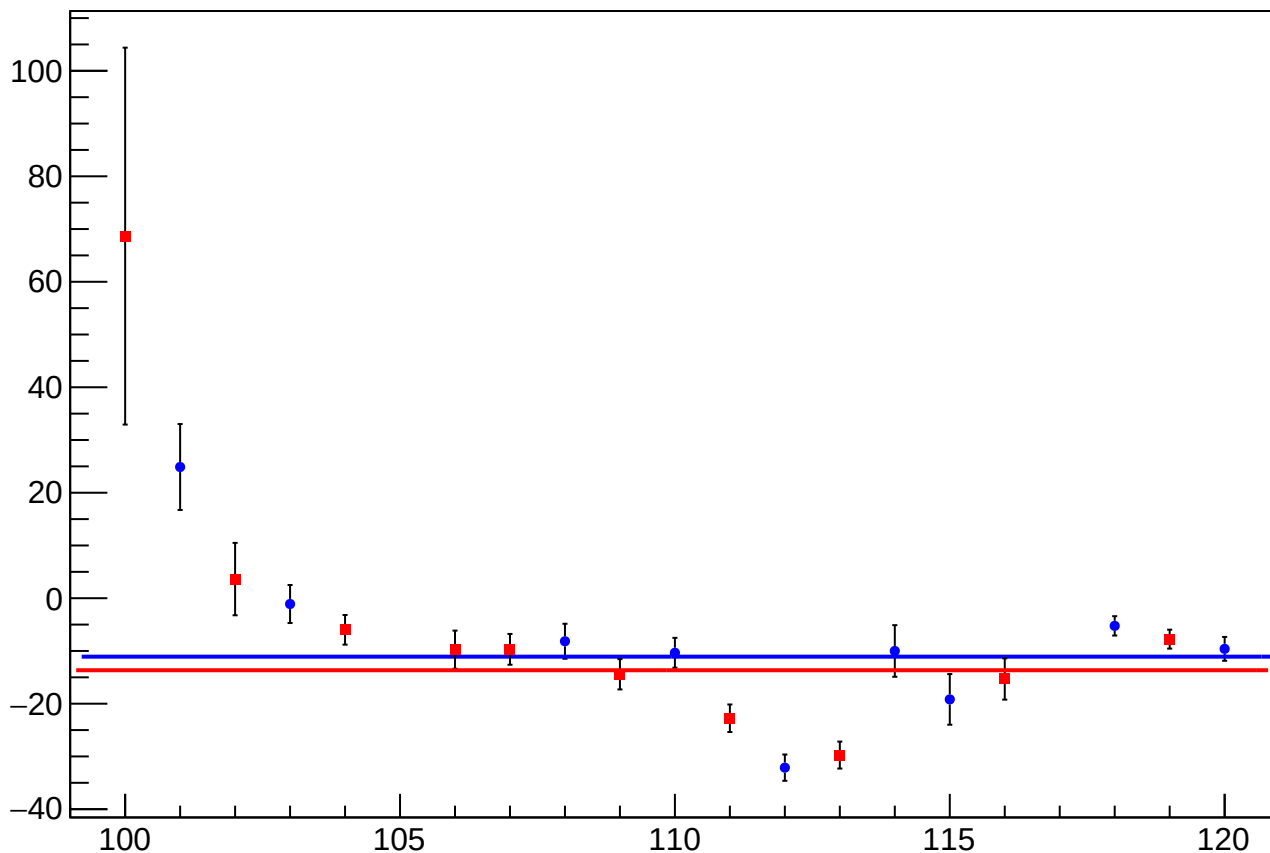
Right: 80.259+/-0.620 χ^2/NDF : 1418.5/18

In: 80.938+/-0.919 χ^2/NDF : 591.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.259+/-0.620 χ^2/NDF : 1418.5/18

reg_asym_usr_atr1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -11.082 ± 0.977 χ^2/NDF : 112.8/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -13.658 ± 0.937 χ^2/NDF : 84.9/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

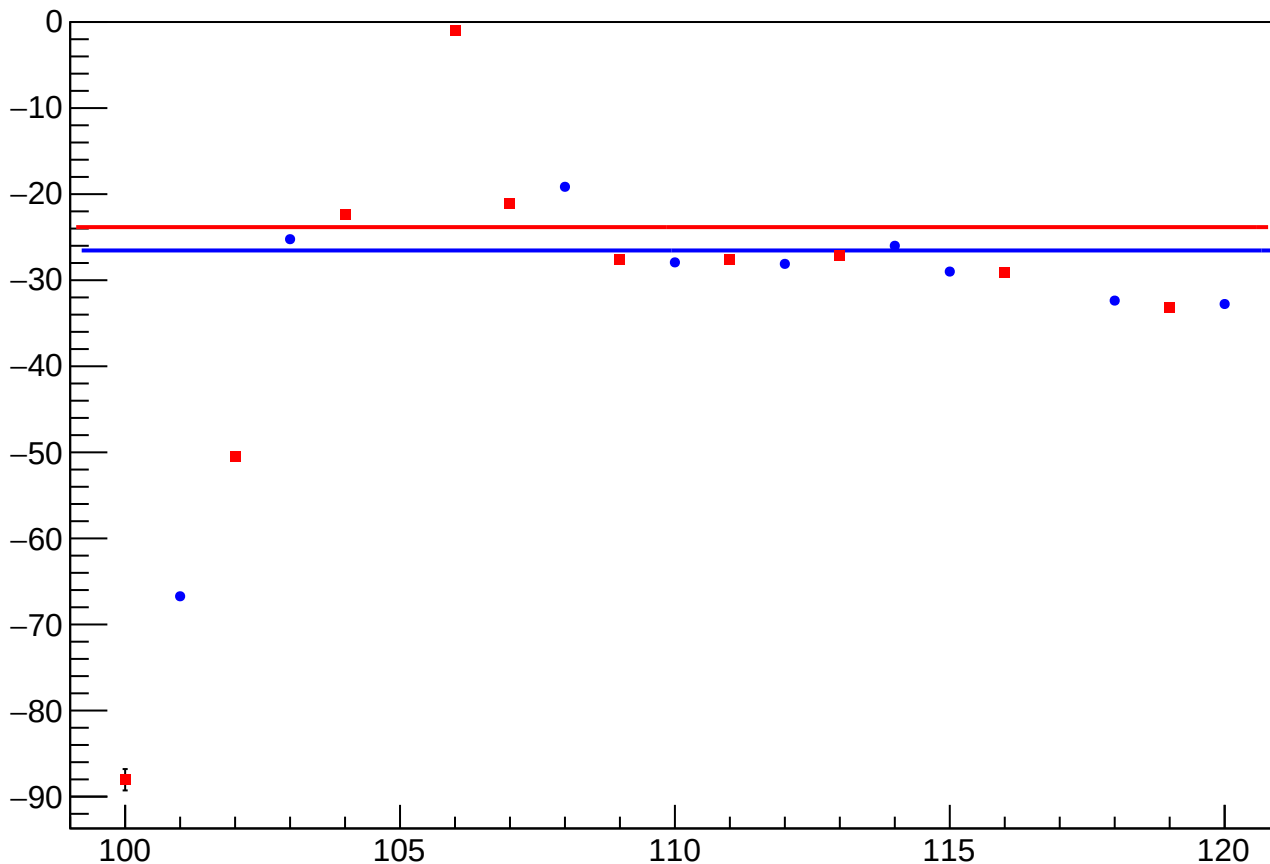
Right: -12.425 ± 0.676 χ^2/NDF : 201.3/18

In: -11.082 ± 0.977 χ^2/NDF : 112.8/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -12.425 ± 0.676 χ^2/NDF : 201.3/18

reg_asym_usr_atr1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -26.544+/-0.055 χ^2/NDF : 18759.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -23.831+/-0.050 χ^2/NDF : 62791.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

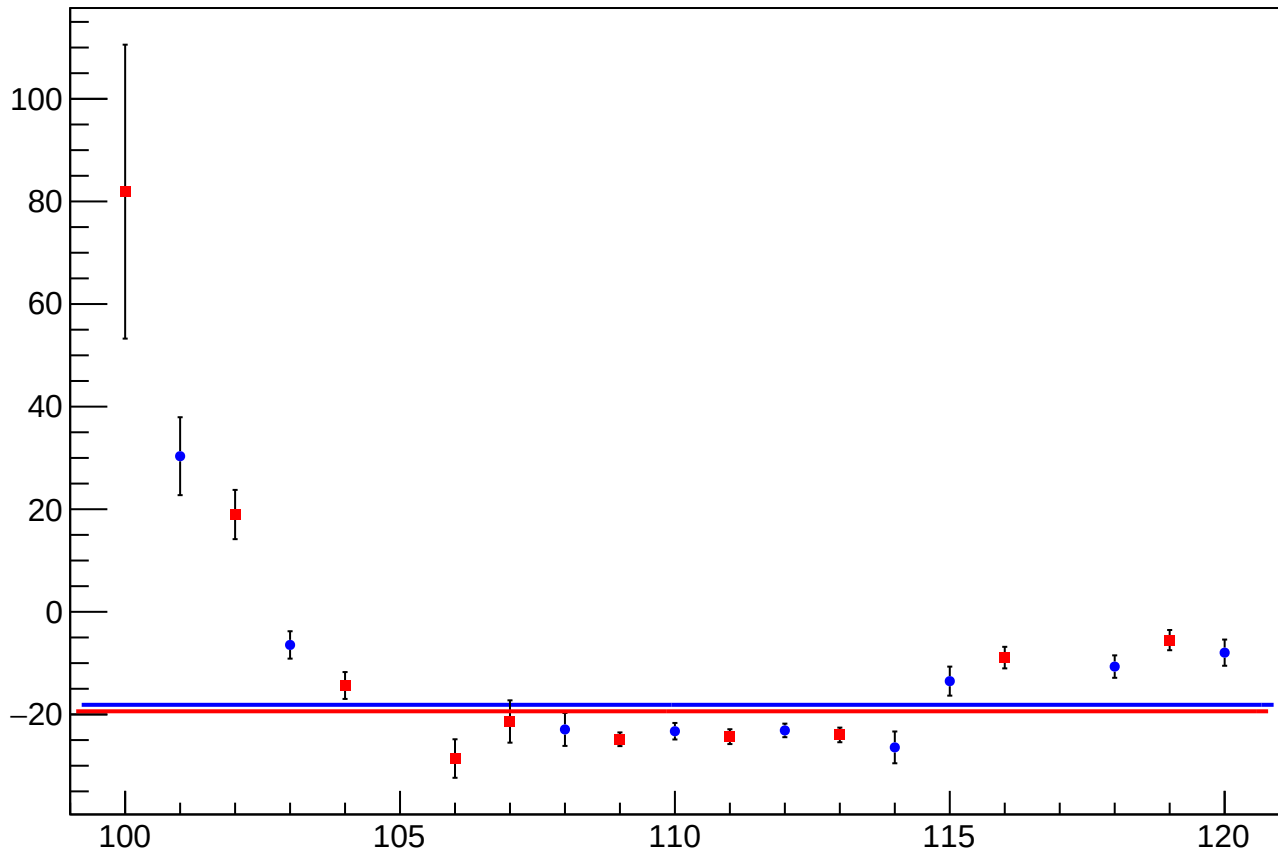
Right: -25.066+/-0.037 χ^2/NDF : 82879.0/18

In: -26.544+/-0.055 χ^2/NDF : 18759.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.066+/-0.037 χ^2/NDF : 82879.0/18

reg_asym_usr_atr1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -18.126+/-0.745 χ^2/NDF : 123.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -19.391+/-0.654 χ^2/NDF : 199.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

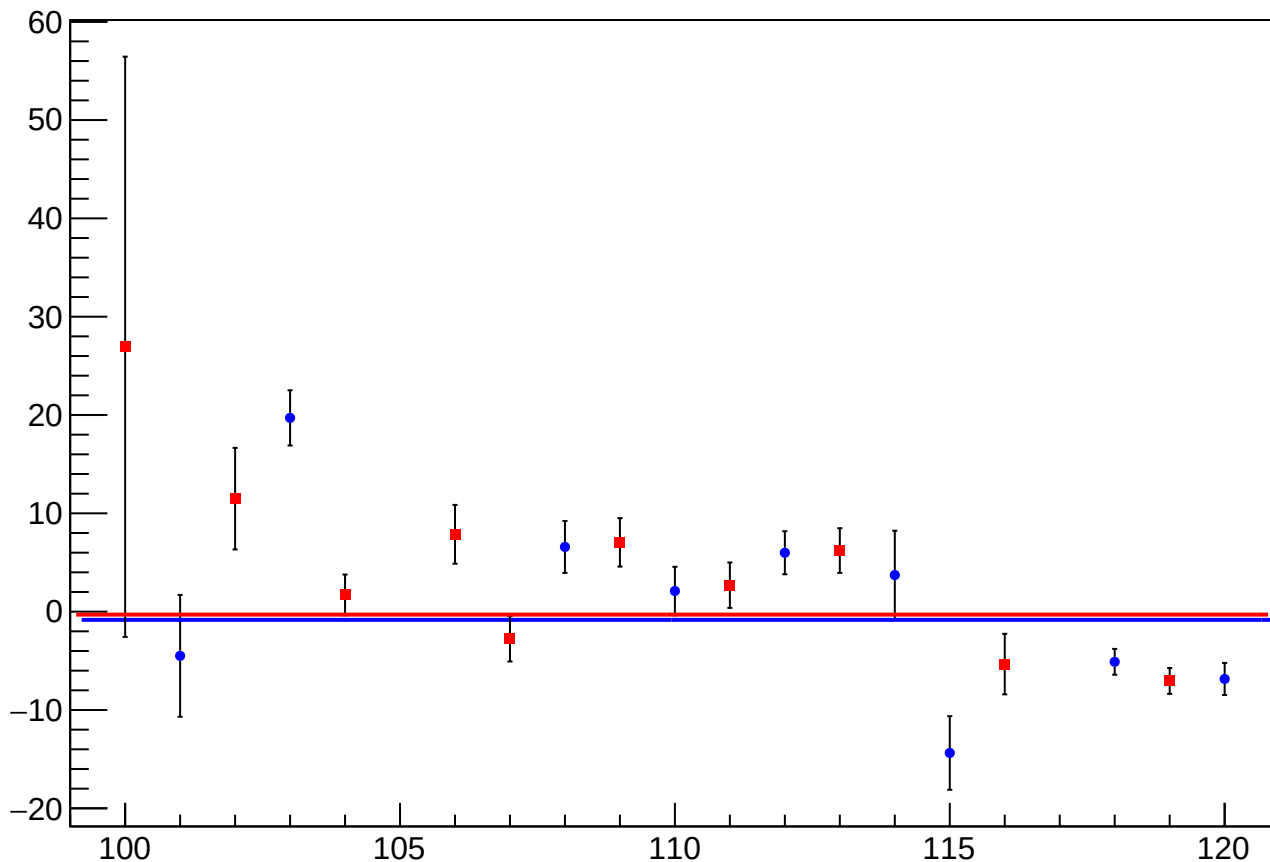
Right: -18.840+/-0.491 χ^2/NDF : 325.0/18

In: -18.126+/-0.745 χ^2/NDF : 123.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.840+/-0.491 χ^2/NDF : 325.0/18

reg_asym_usr_atr1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.832+/-0.757 χ^2/NDF : 111.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.298+/-0.746 χ^2/NDF : 63.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

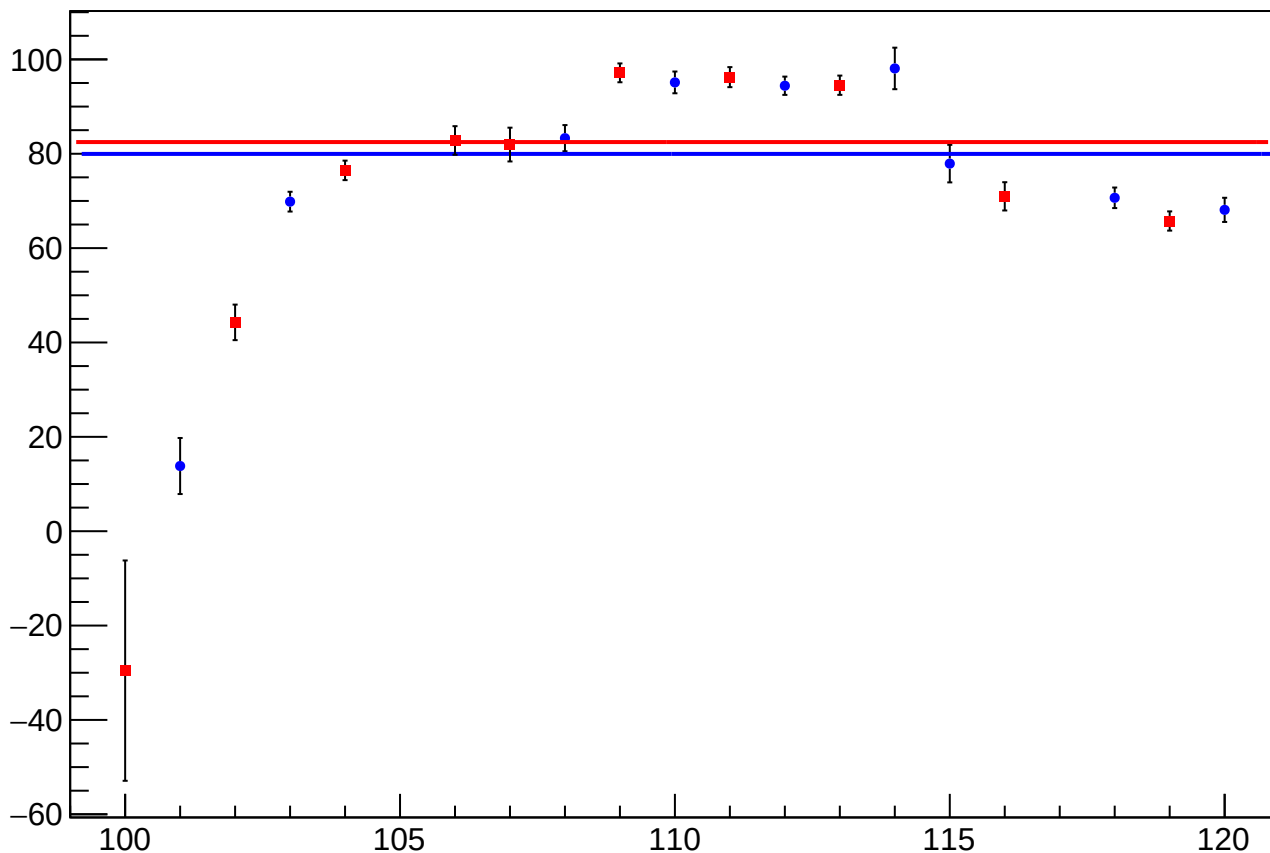
Right: -0.561+/-0.531 χ^2/NDF : 174.6/18

In: -0.832+/-0.757 χ^2/NDF : 111.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.561+/-0.531 χ^2/NDF : 174.6/18

reg_asym_usr_atr1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 79.967 $\pm$ 0.871 χ^2 /NDF: 304.5/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 82.479 $\pm$ 0.801 χ^2 /NDF: 347.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

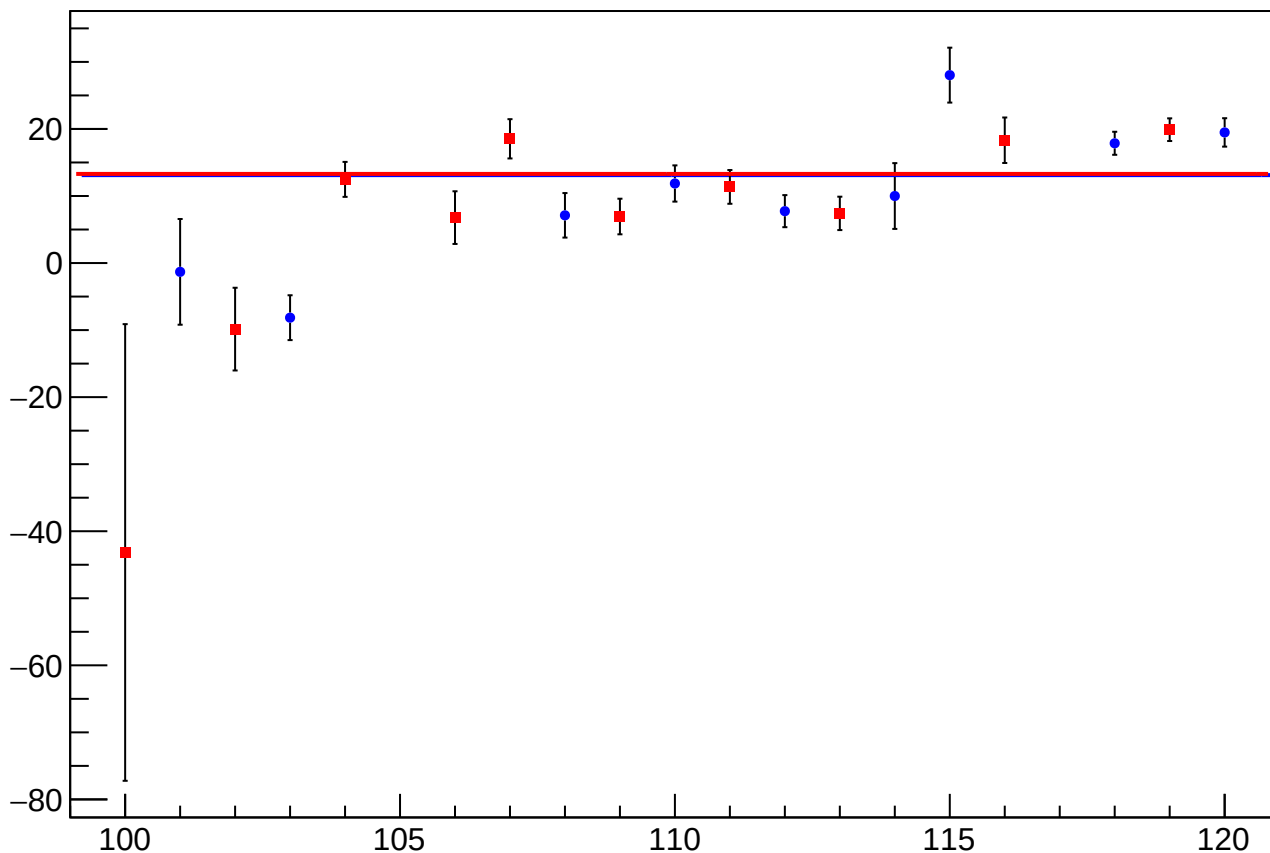
Right: 81.328 $\pm$ 0.589 χ^2 /NDF: 656.5/18

In: 79.967 $\pm$ 0.871 χ^2 /NDF: 304.5/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 81.328 $\pm$ 0.589 χ^2 /NDF: 656.5/18

reg_asym_usr_atr1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.112+/-0.924 χ^2 /NDF: 82.6/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 13.293+/-0.893 χ^2 /NDF: 52.2/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

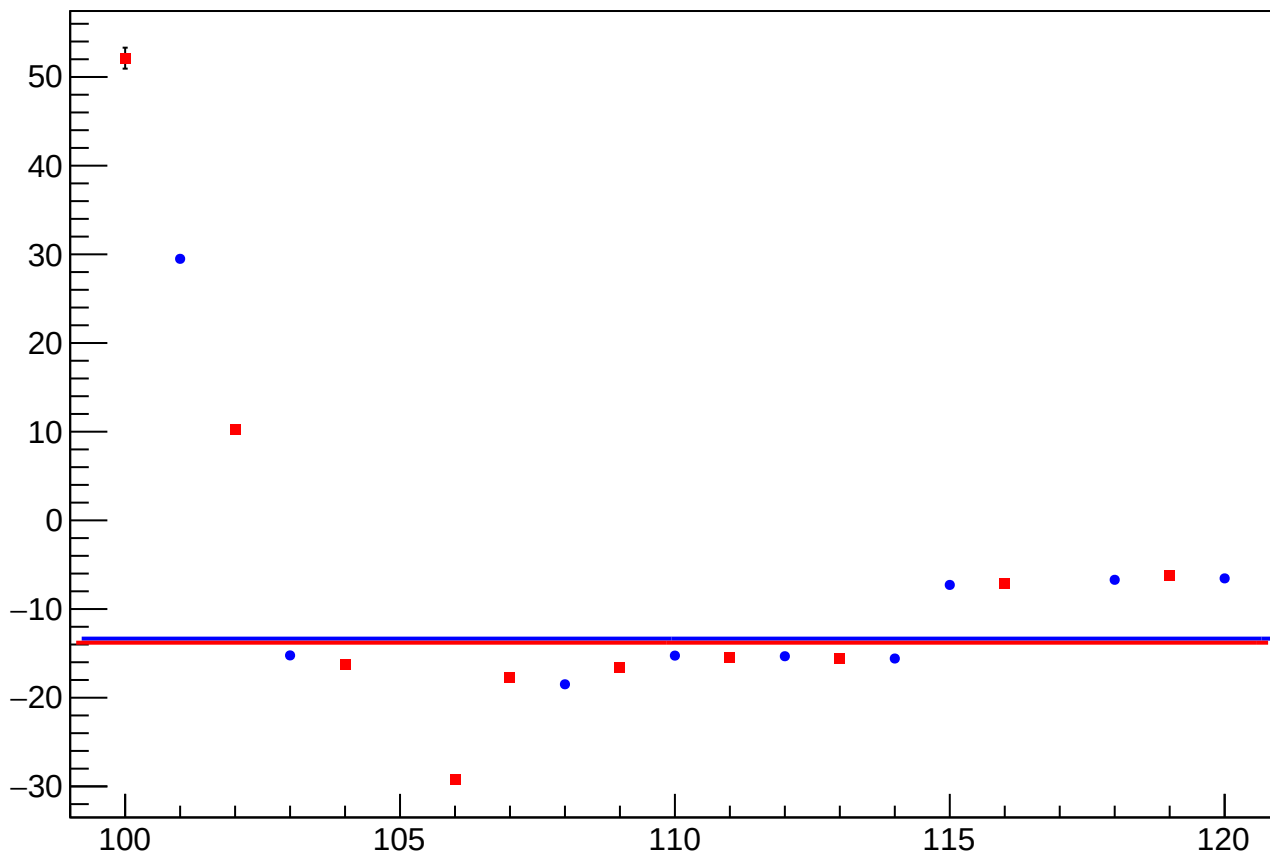
Right: 13.205+/-0.642 χ^2 /NDF: 134.9/18

In: 13.112+/-0.924 χ^2 /NDF:82.6/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 13.205+/-0.642 χ^2 /NDF: 134.9/18

reg_asym_usr_atr1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -13.337+/-0.052 χ^2/NDF : 20741.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.796+/-0.049 χ^2/NDF : 41265.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

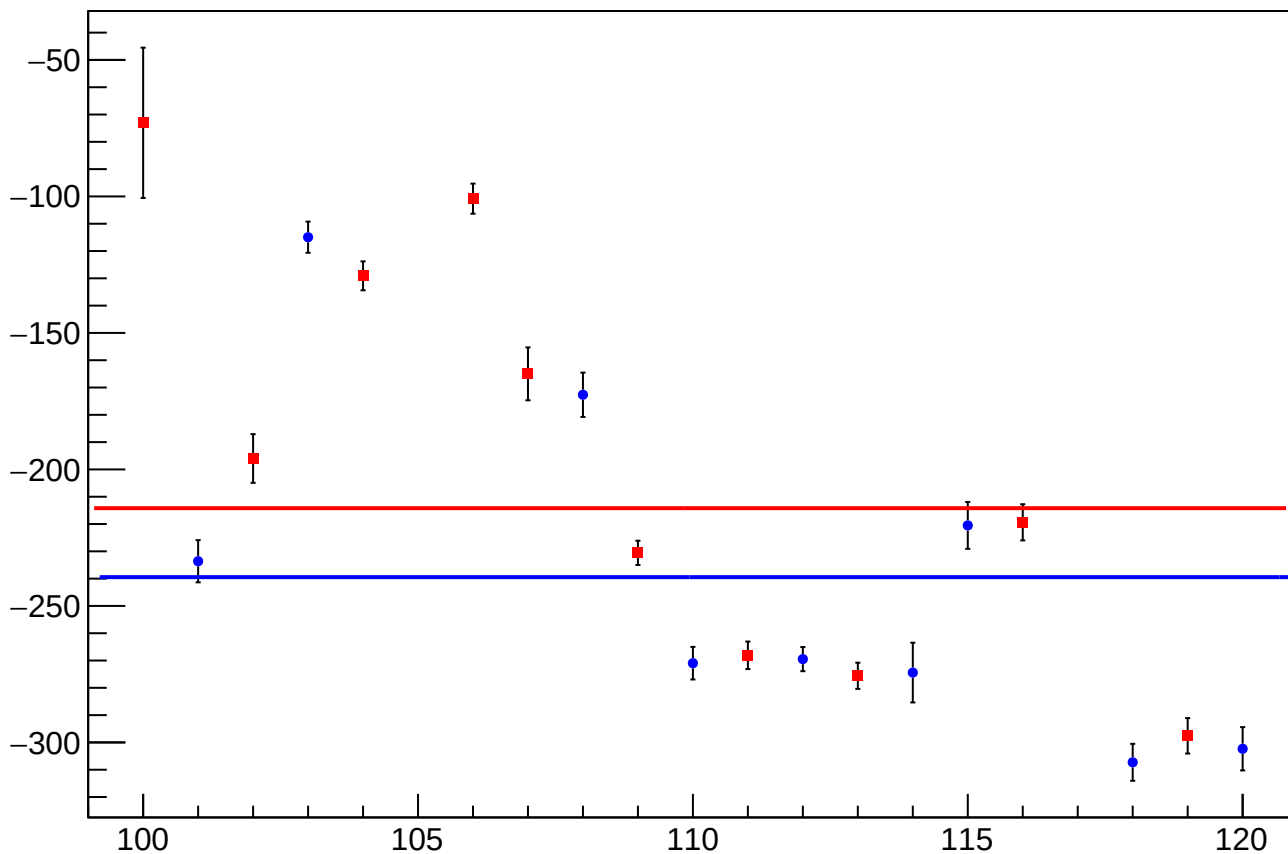
Right: -13.581+/-0.036 χ^2/NDF : 62047.6/18

In: -13.337+/-0.052 χ^2/NDF : 20741.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.581+/-0.036 χ^2/NDF : 62047.6/18

reg_asym_usr_atr2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -239.457+/-2.228 χ^2 /NDF: 796.2/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -214.195+/-1.913 χ^2 /NDF: 1195.2/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

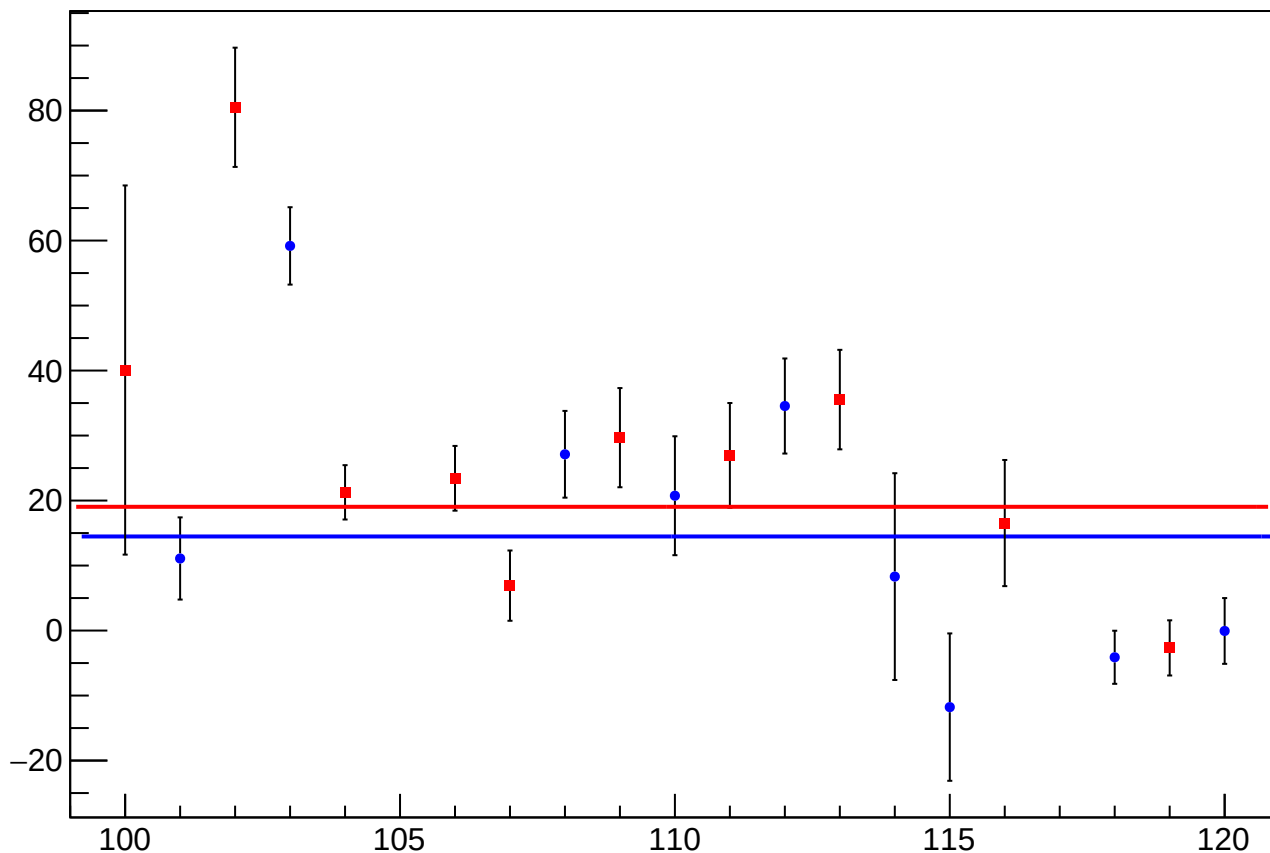
Right: -224.918+/-1.452 χ^2 /NDF: 2065.4/18

In: -239.457+/-2.228 χ^2 /NDF:796.2/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -224.918+/-1.452 χ^2 /NDF: 2065.4/18

reg_asym_usr_atr2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.475+/-2.146 χ^2/NDF : 102.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.040+/-1.959 χ^2/NDF : 85.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

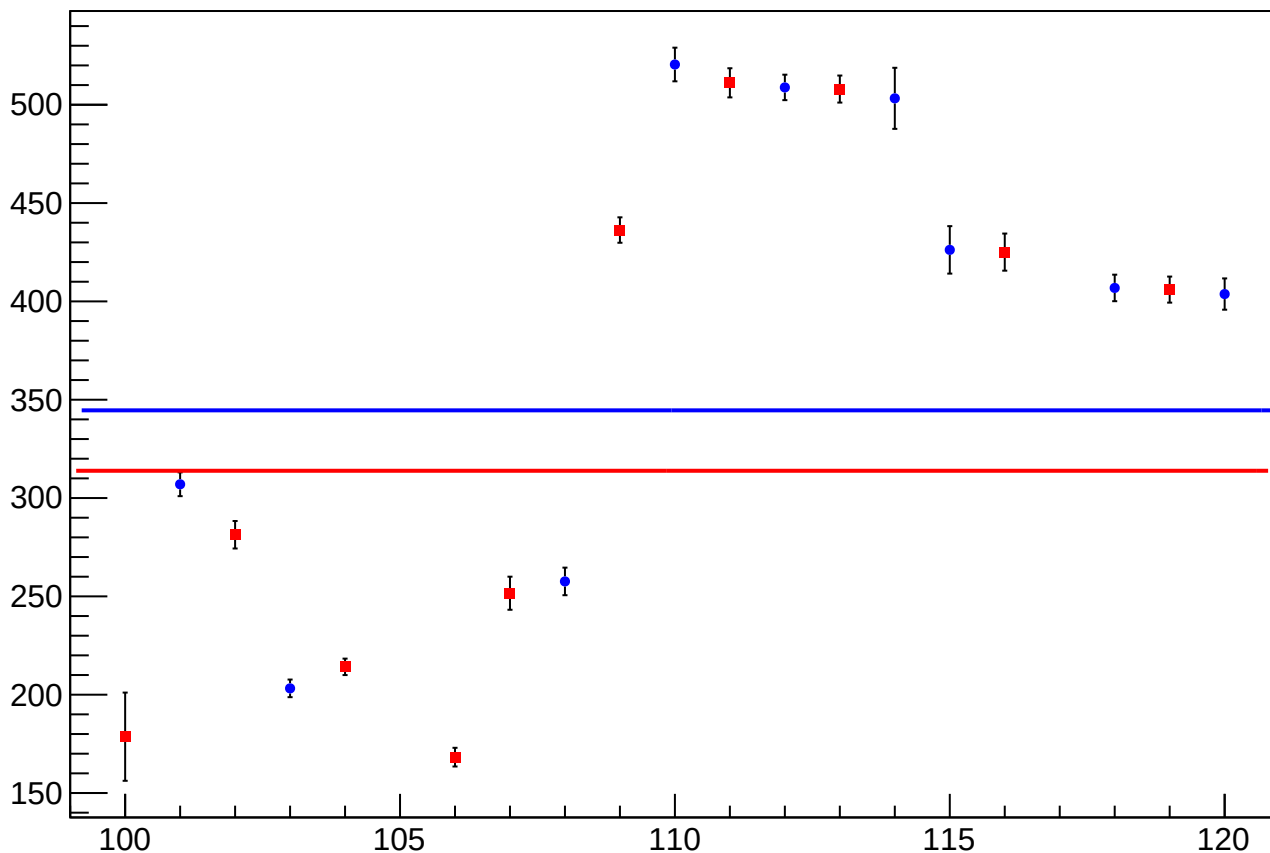
Right: 16.966+/-1.447 χ^2/NDF : 190.5/18

In: 14.475+/-2.146 χ^2/NDF : 102.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.966+/-1.447 χ^2/NDF : 190.5/18

reg_asym_usr_atr2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 344.594+/-2.332 χ^2/NDF : 2544.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 313.870+/-2.061 χ^2/NDF : 3817.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

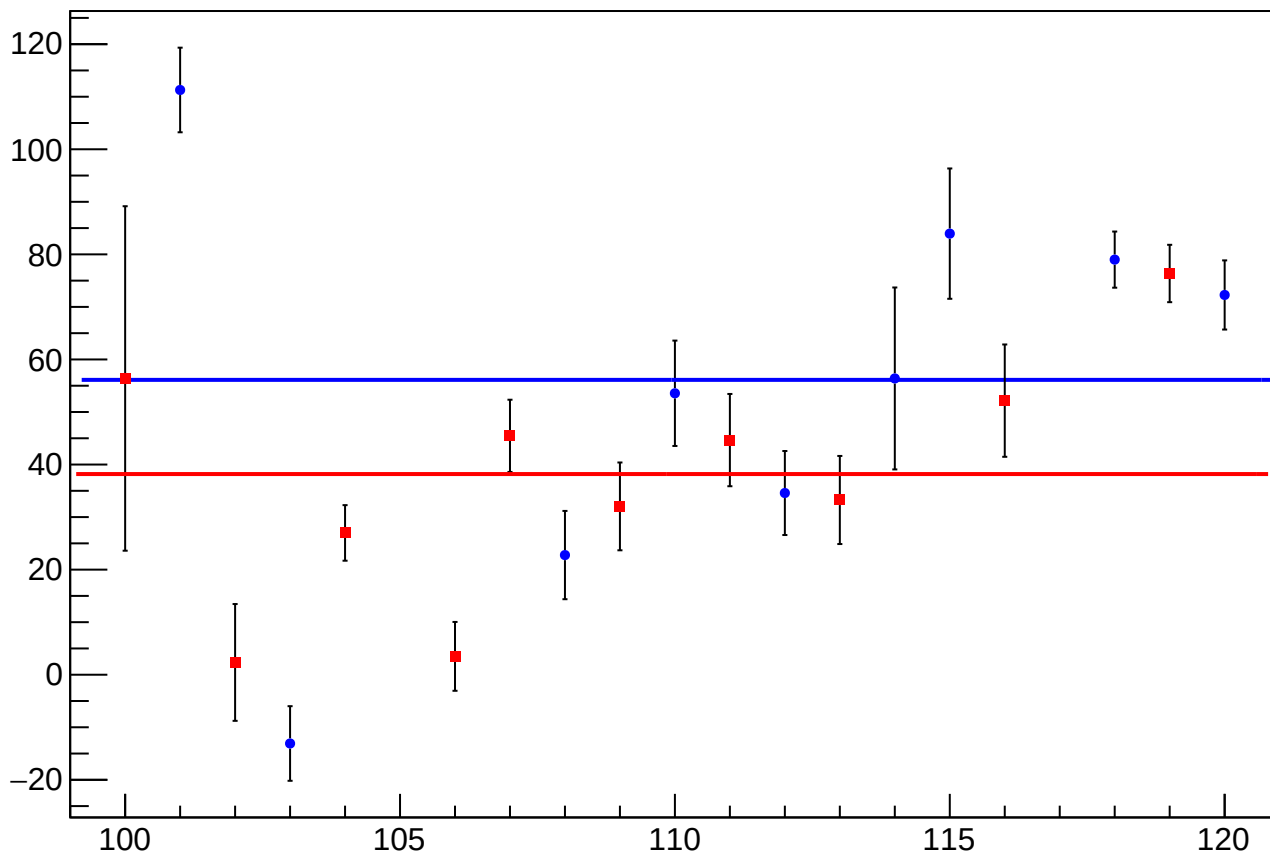
Right: 327.341+/-1.544 χ^2/NDF : 6460.2/18

In: 344.594+/-2.332 χ^2/NDF : 2544.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 327.341+/-1.544 χ^2/NDF : 6460.2/18

reg_asym_usr_atr2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 56.114+/-2.645 χ^2 /NDF: 194.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 38.190+/-2.404 χ^2 /NDF: 96.4/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

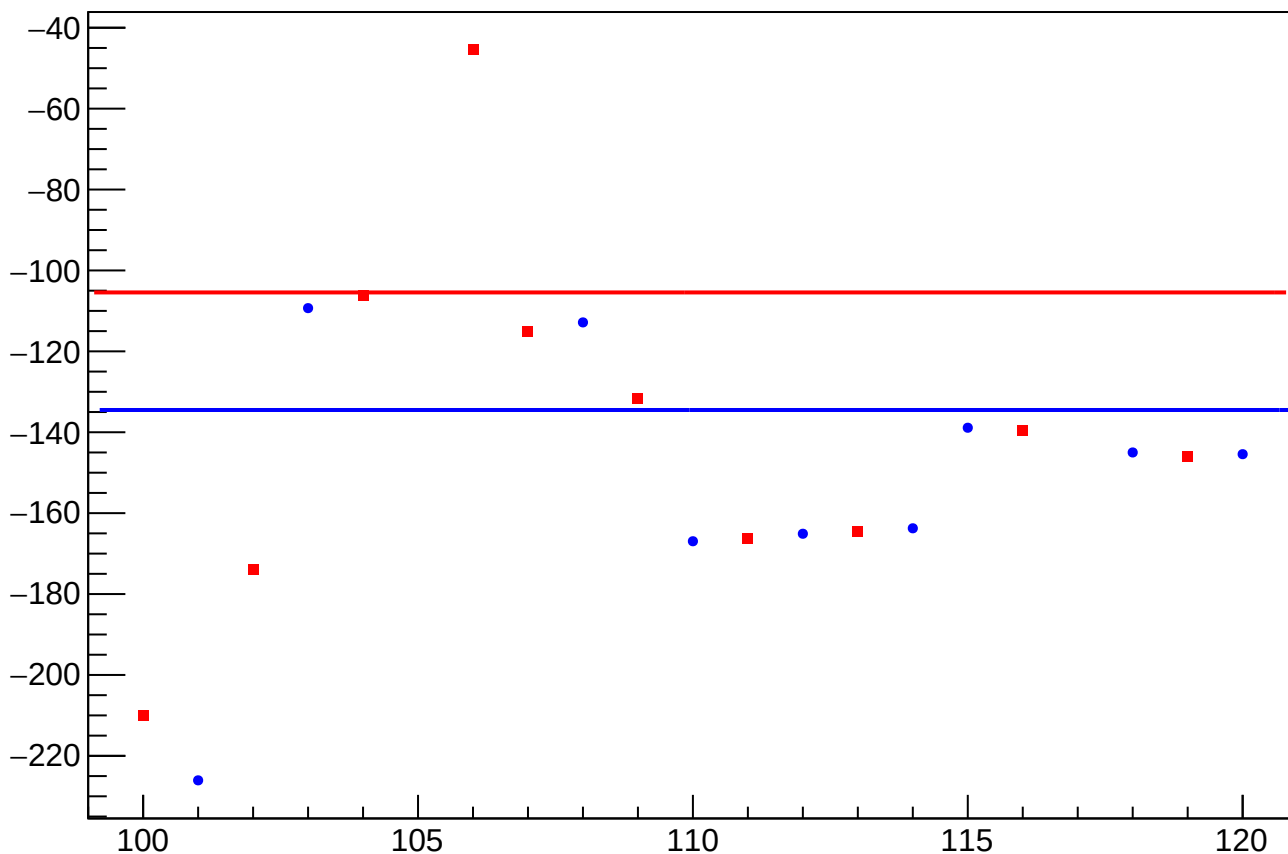
Right: 46.299+/-1.779 χ^2 /NDF: 316.0/18

In: 56.114+/-2.645 χ^2 /NDF:194.4/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 46.299+/-1.779 χ^2 /NDF: 316.0/18

reg_asym_usr_atr2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -134.499+/-0.127 χ^2/NDF : 95196.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -105.437+/-0.105 χ^2/NDF : 196714.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

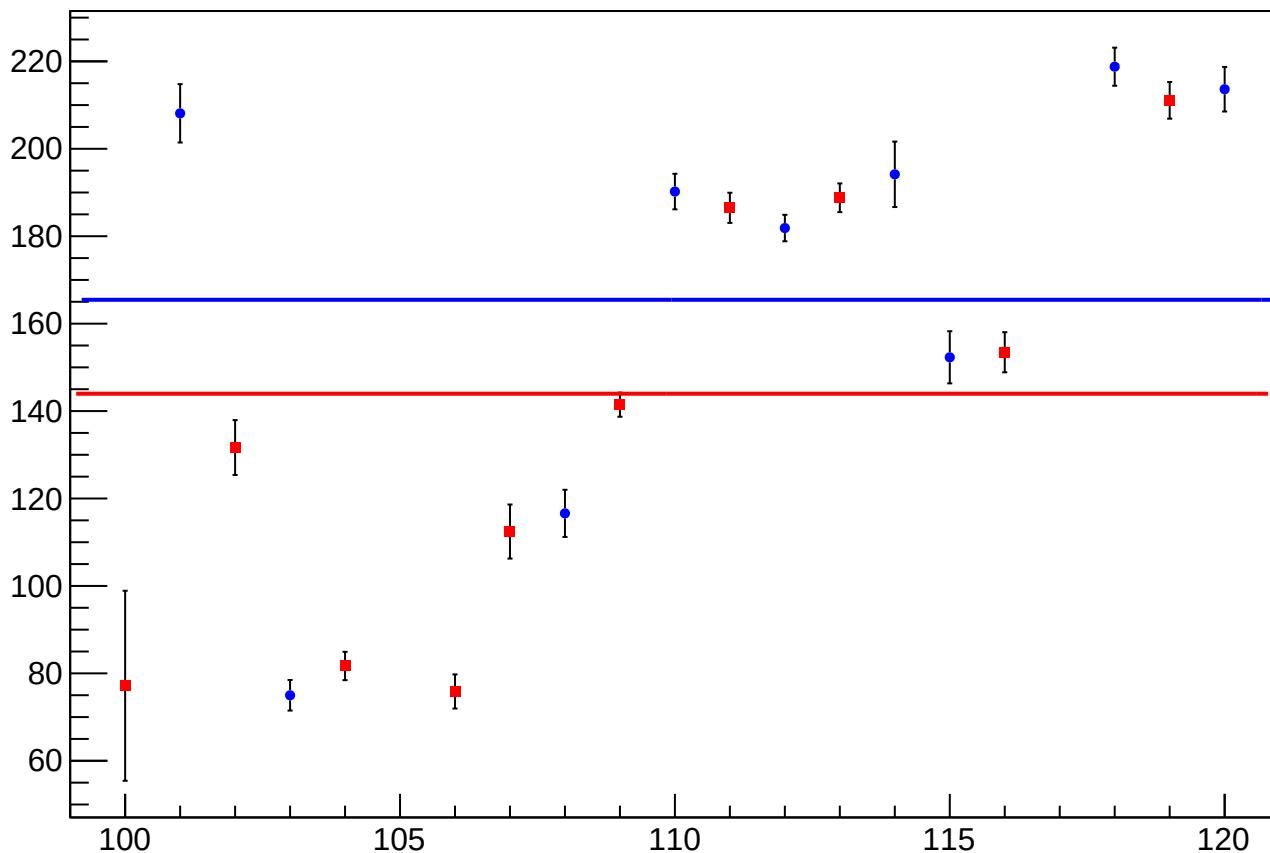
Right: -117.282+/-0.081 χ^2/NDF : 322998.8/18

In: -134.499+/-0.127 χ^2/NDF :95196.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -117.282+/-0.081 χ^2/NDF : 322998.8/18

reg_asym_usr_atr2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 165.459+/-1.499 χ^2/NDF : 1115.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 143.970+/-1.263 χ^2/NDF : 1313.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

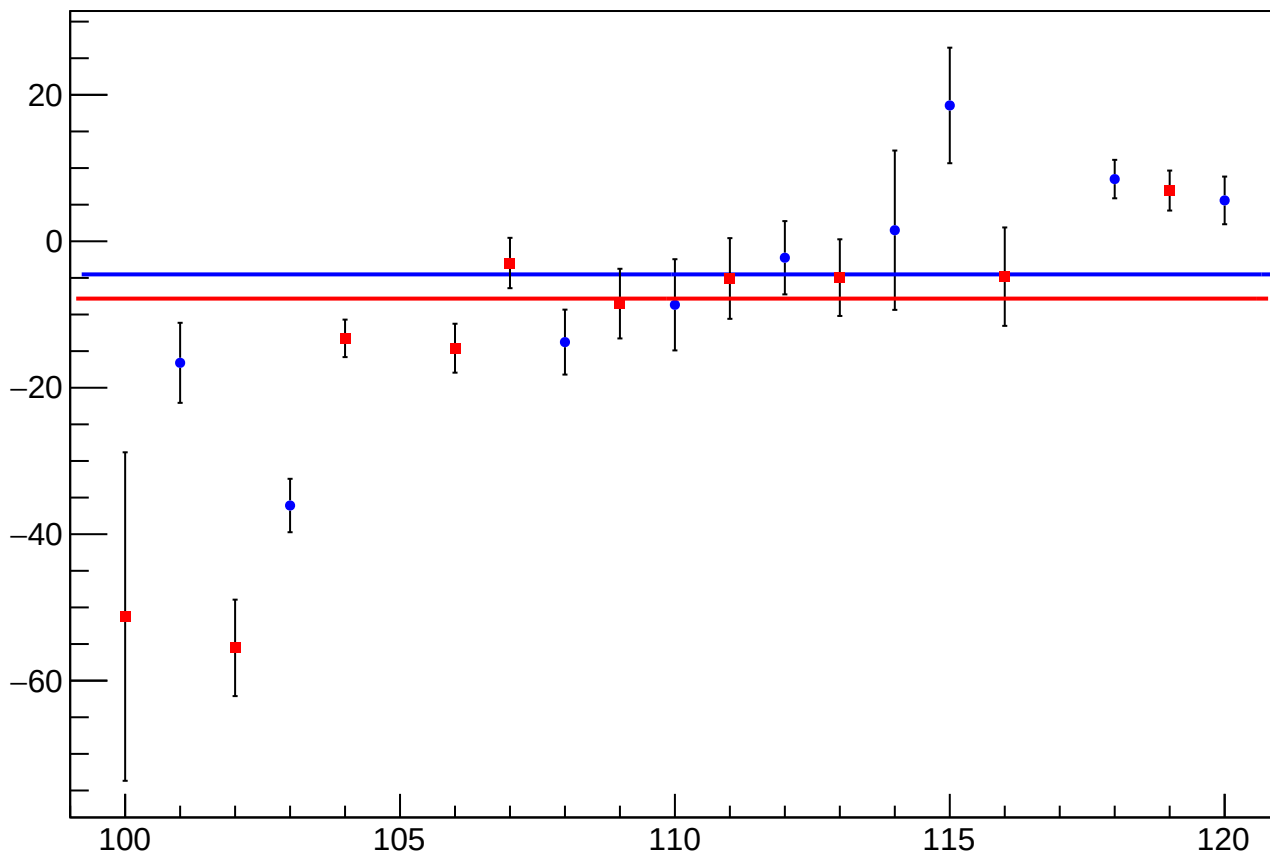
Right: 152.895+/-0.966 χ^2/NDF : 2548.6/18

In: 165.459+/-1.499 χ^2/NDF : 1115.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.895+/-0.966 χ^2/NDF : 2548.6/18

reg_asym_usr_atr2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.521+/-1.430 χ^2/NDF : 127.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.826+/-1.268 χ^2/NDF : 96.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

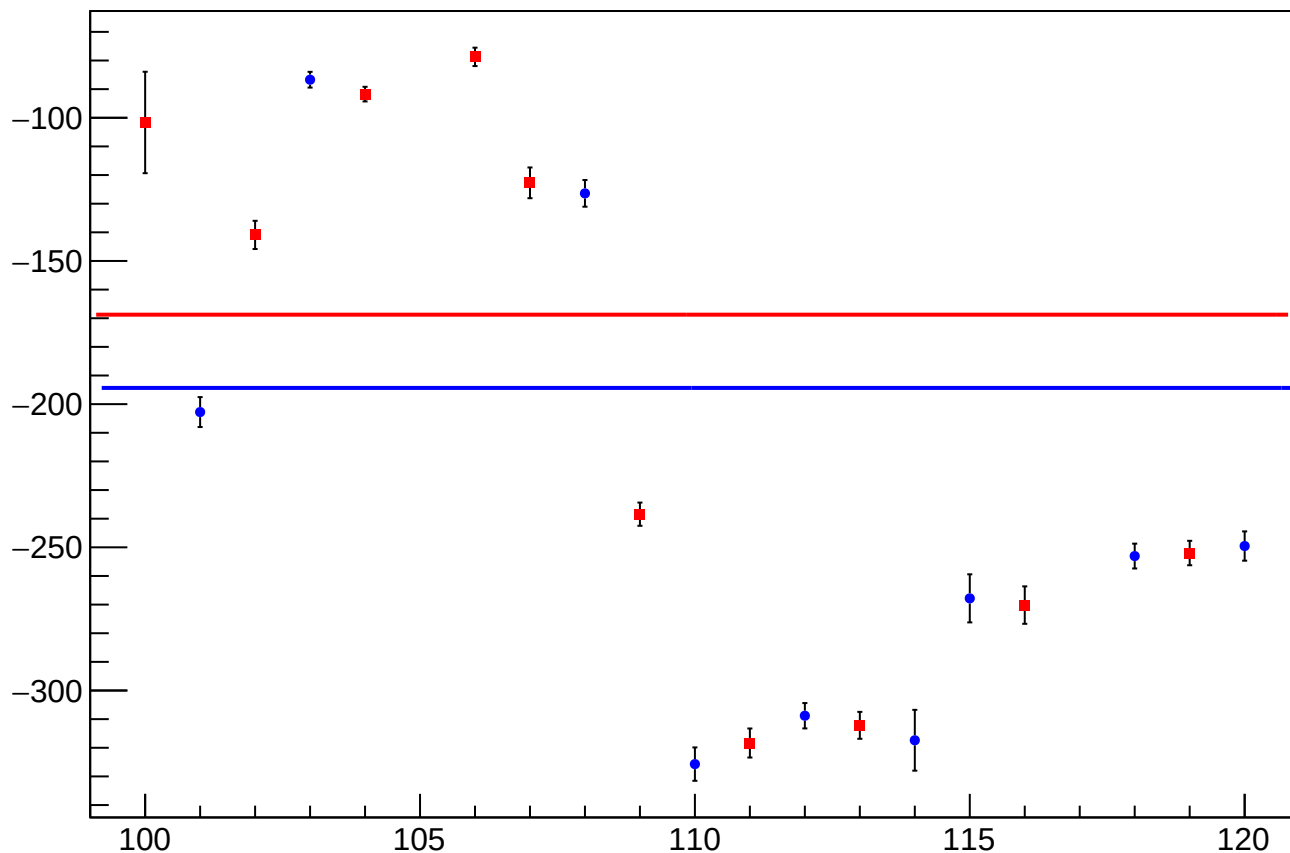
Right: -6.371+/-0.949 χ^2/NDF : 227.6/18

In: -4.521+/-1.430 χ^2/NDF : 127.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.371+/-0.949 χ^2/NDF : 227.6/18

reg_asym_usr_atr2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -194.332+/-1.562 χ^2 /NDF: 3435.7/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -168.755+/-1.345 χ^2 /NDF: 4531.9/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

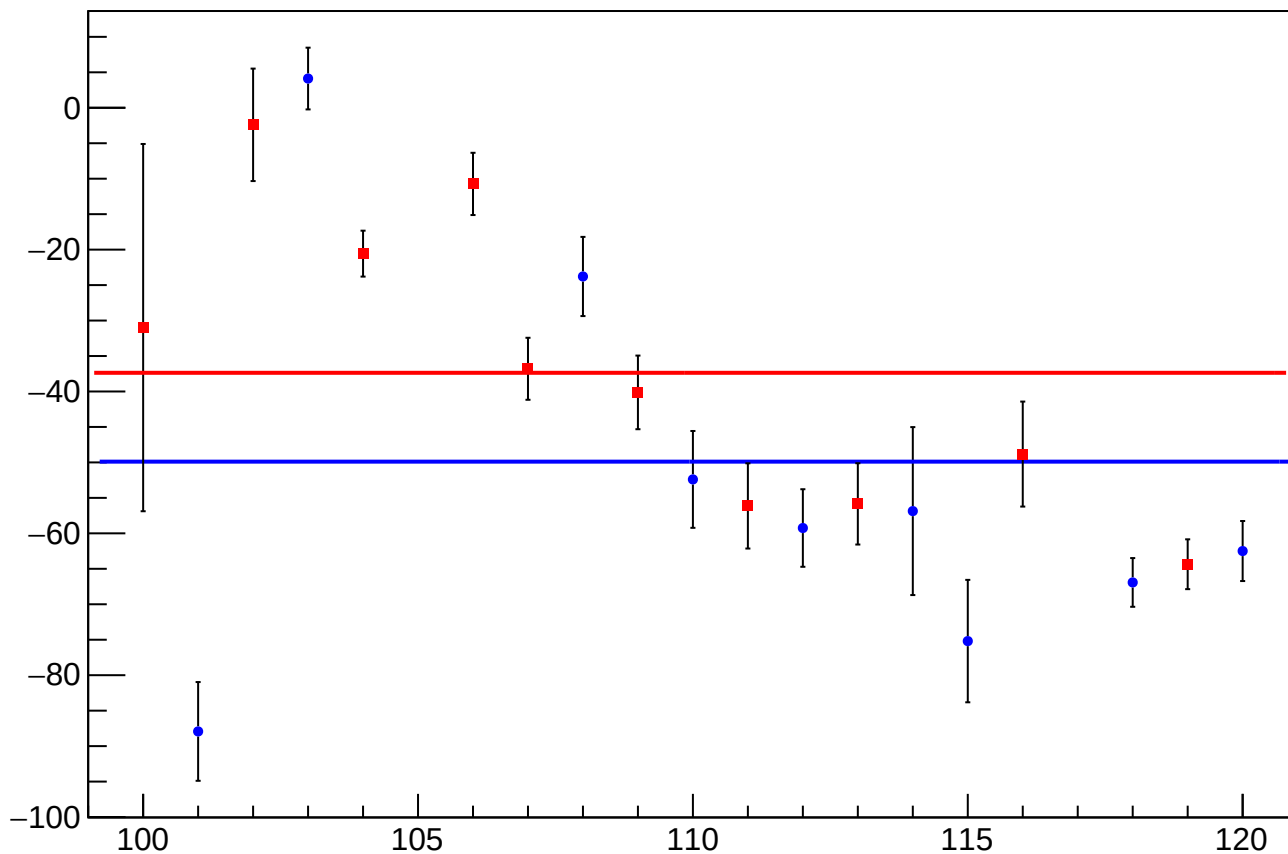
Right: -179.649+/-1.019 χ^2 /NDF: 8121.6/18

In: -194.332+/-1.562 χ^2 /NDF:3435.7/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -179.649+/-1.019 χ^2 /NDF: 8121.6/18

reg_asym_usr_atr2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -49.891+/-1.763 χ^2/NDF : 251.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -37.366+/-1.558 χ^2/NDF : 165.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

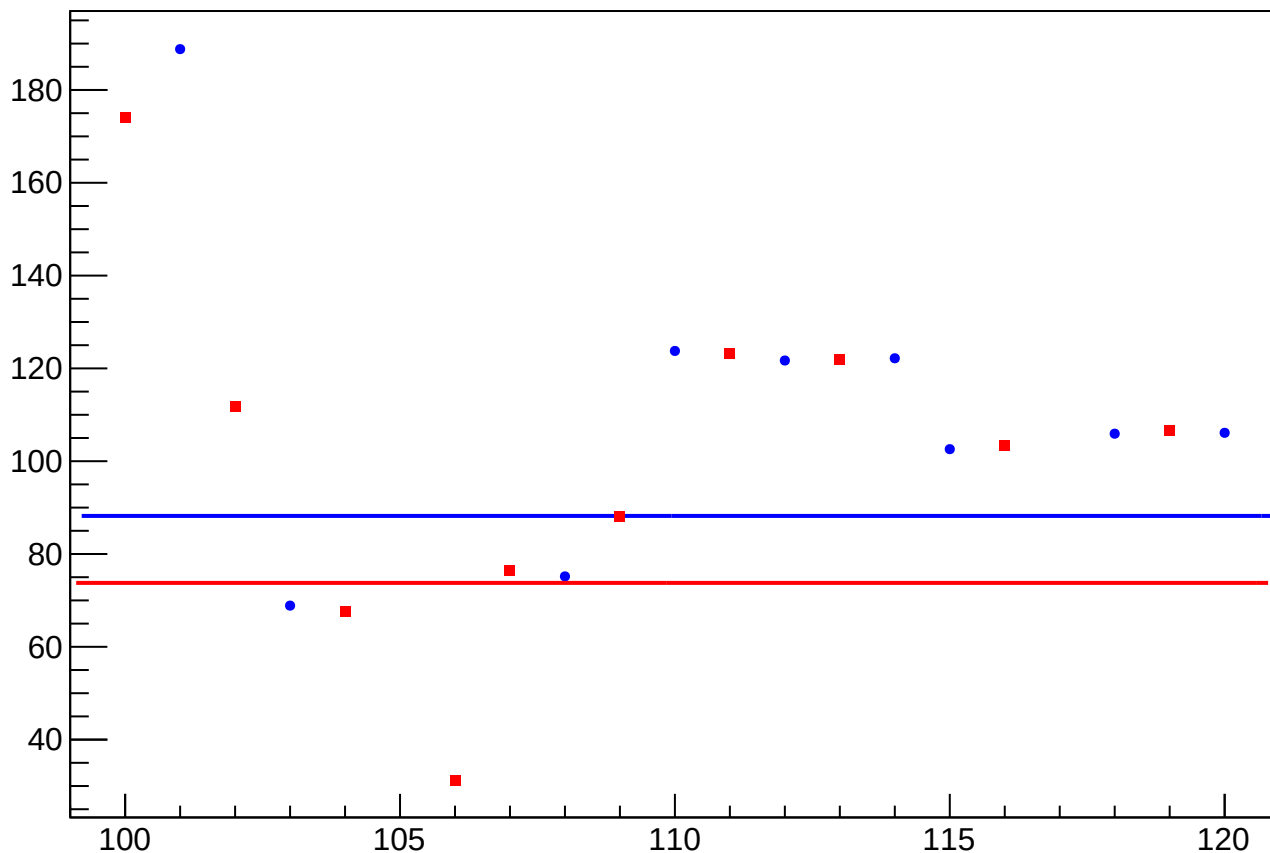
Right: -42.859+/-1.168 χ^2/NDF : 444.7/18

In: -49.891+/-1.763 χ^2/NDF : 251.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.859+/-1.168 χ^2/NDF : 444.7/18

reg_asym_usr_atr2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 88.208+/-0.083 χ^2/NDF : 158636.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.775+/-0.072 χ^2/NDF : 177364.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

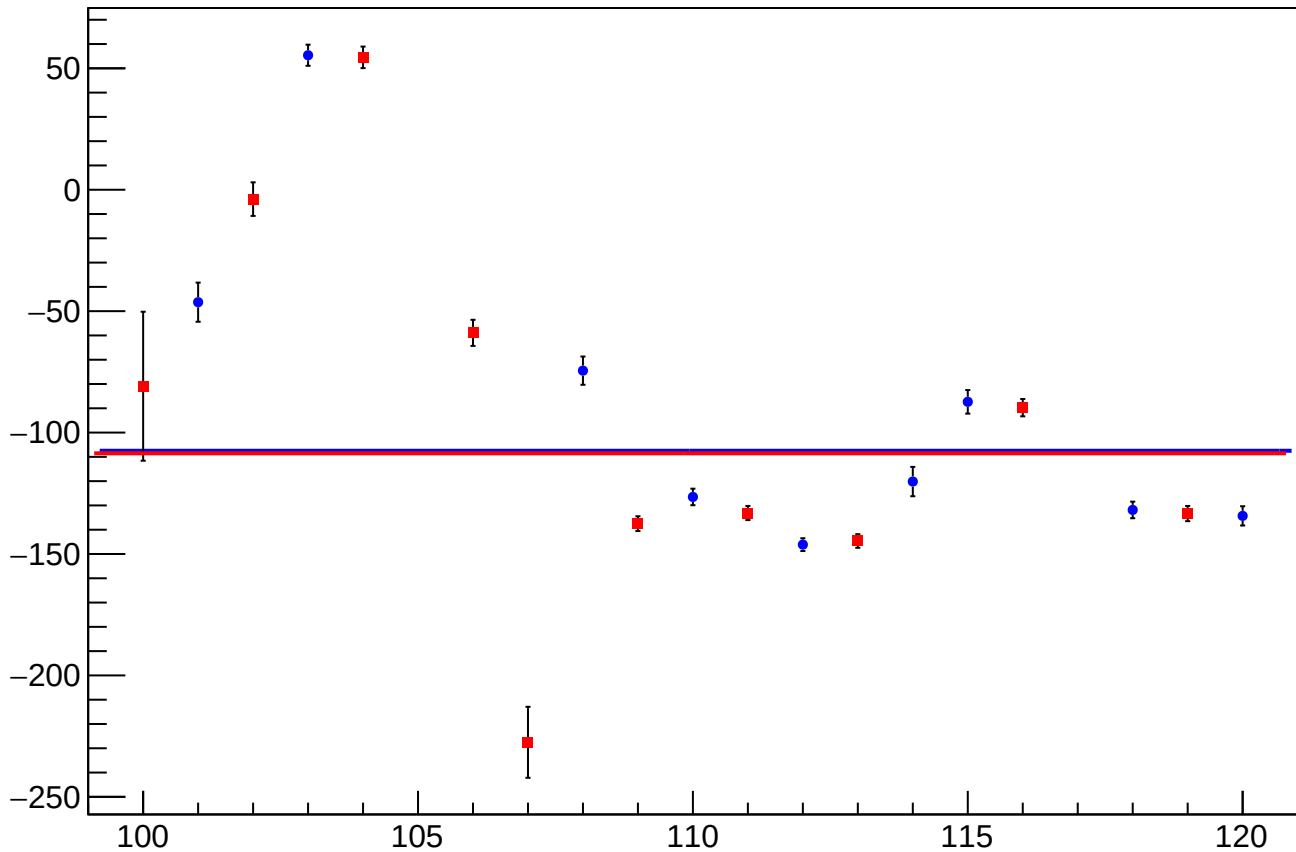
Right: 79.914+/-0.054 χ^2/NDF : 353303.6/18

In: 88.208+/-0.083 χ^2/NDF : 158636.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.914+/-0.054 χ^2/NDF : 353303.6/18

reg_asym_us_avg_at1lr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -107.487+/-1.351 χ^2/NDF : 1856.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -108.535+/-1.245 χ^2/NDF : 2151.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

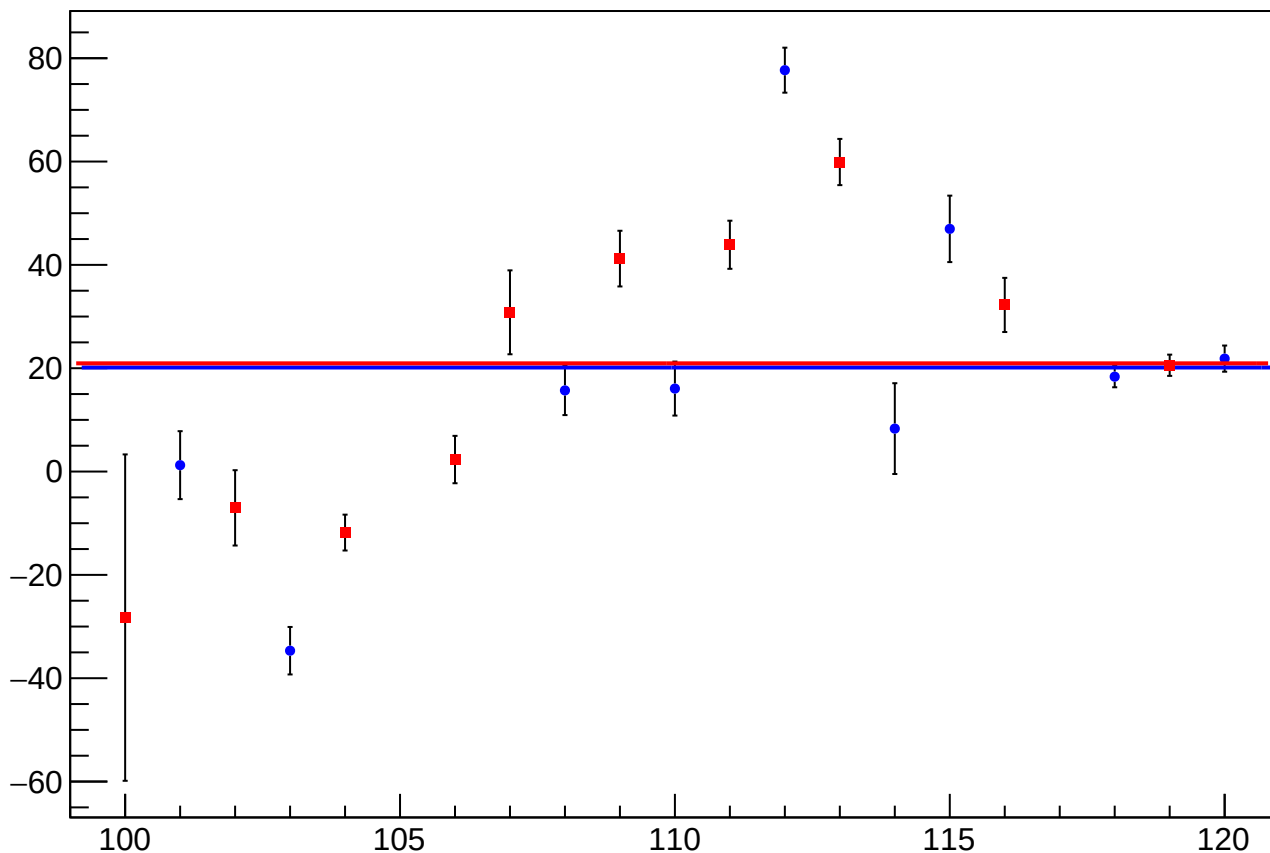
Right: -108.054+/-0.915 χ^2/NDF : 4008.4/18

In: -107.487+/-1.351 χ^2/NDF : 1856.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -108.054+/-0.915 χ^2/NDF : 4008.4/18

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 20.138+/-1.255 χ^2/NDF : 347.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.943+/-1.326 χ^2/NDF : 243.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

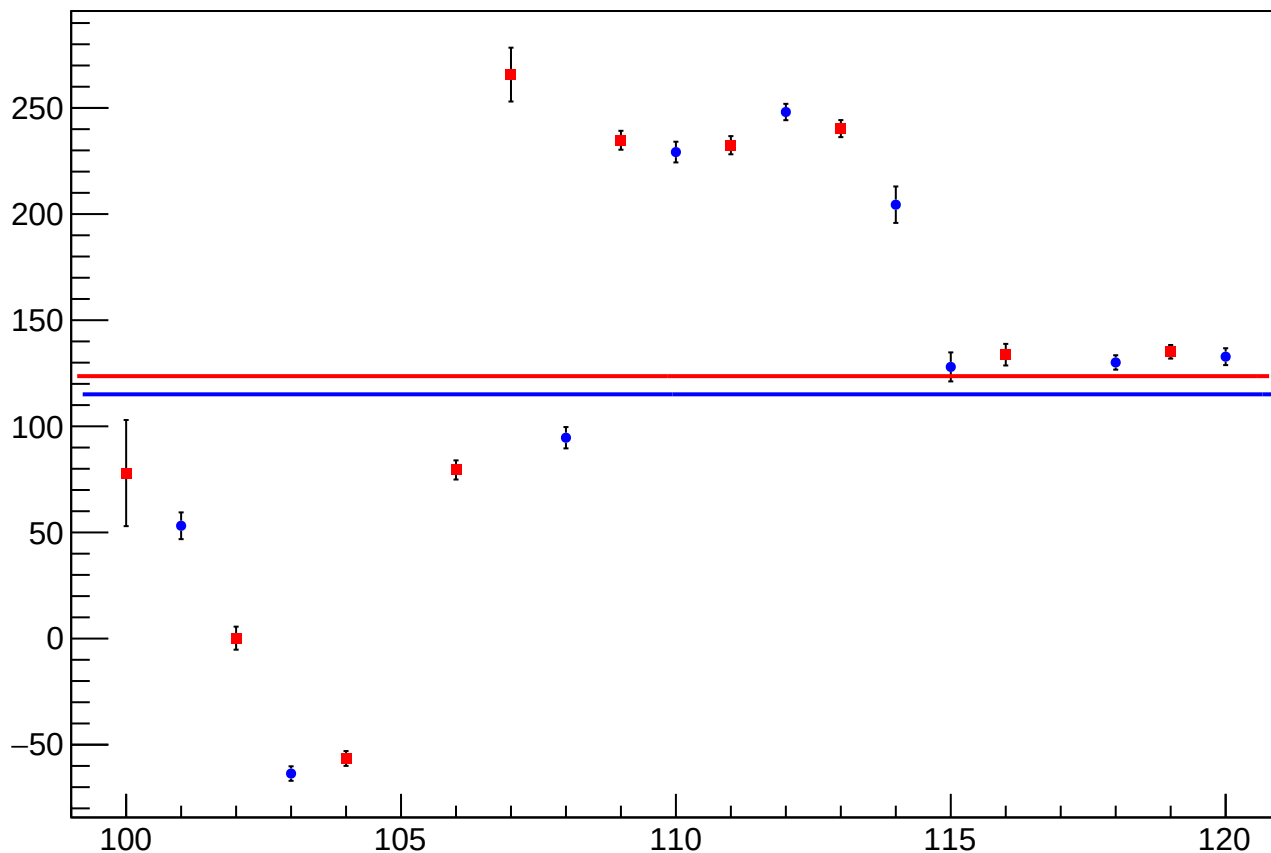
Right: 20.519+/-0.912 χ^2/NDF : 590.4/18

In: 20.138+/-1.255 χ^2/NDF : 347.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.519+/-0.912 χ^2/NDF : 590.4/18

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 115.074+/-1.499 χ^2/NDF : 4739.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 123.641+/-1.450 χ^2/NDF : 5522.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

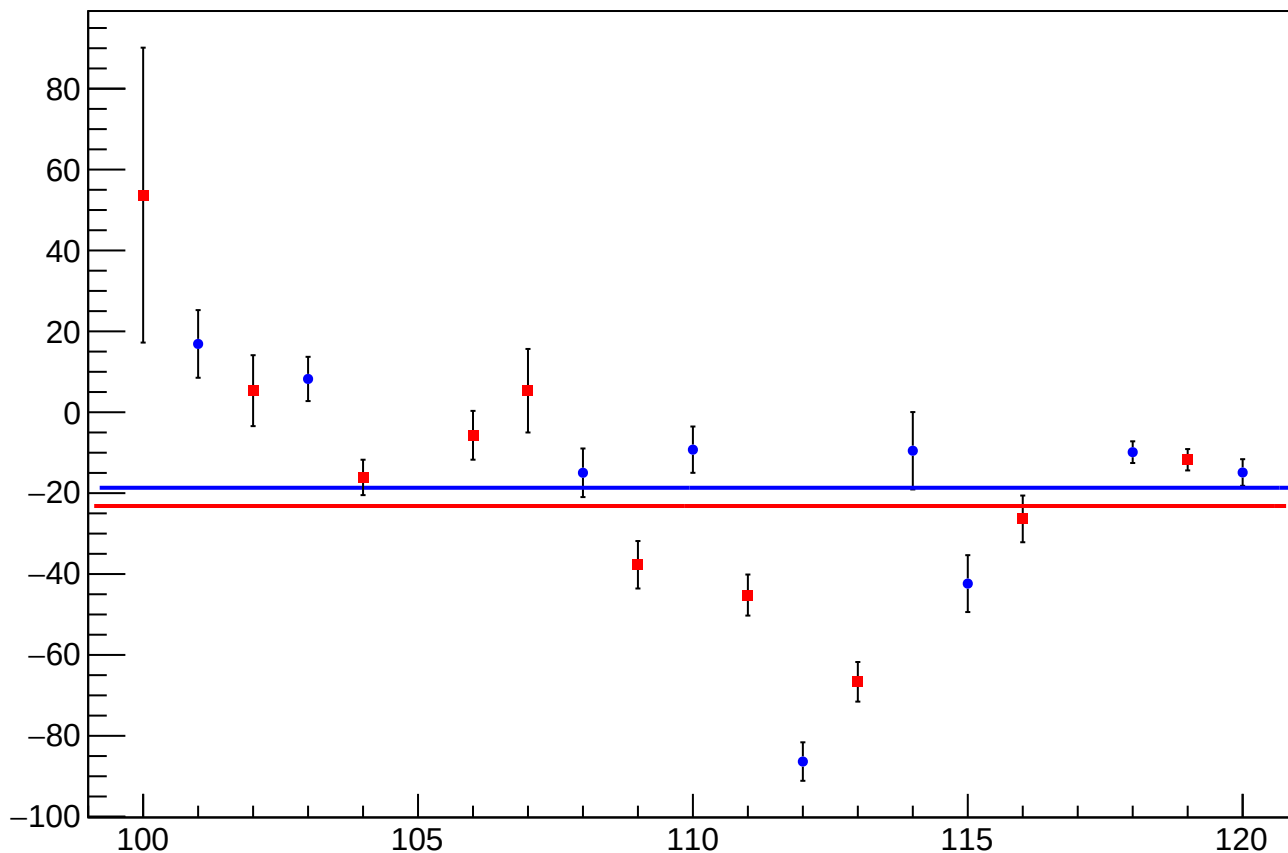
Right: 119.501+/-1.042 χ^2/NDF : 10279.4/18

In: 115.074+/-1.499 χ^2/NDF :4739.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 119.501+/-1.042 χ^2/NDF : 10279.4/18

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -18.669+/-1.557 χ^2/NDF : 272.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -23.179+/-1.610 χ^2/NDF : 156.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

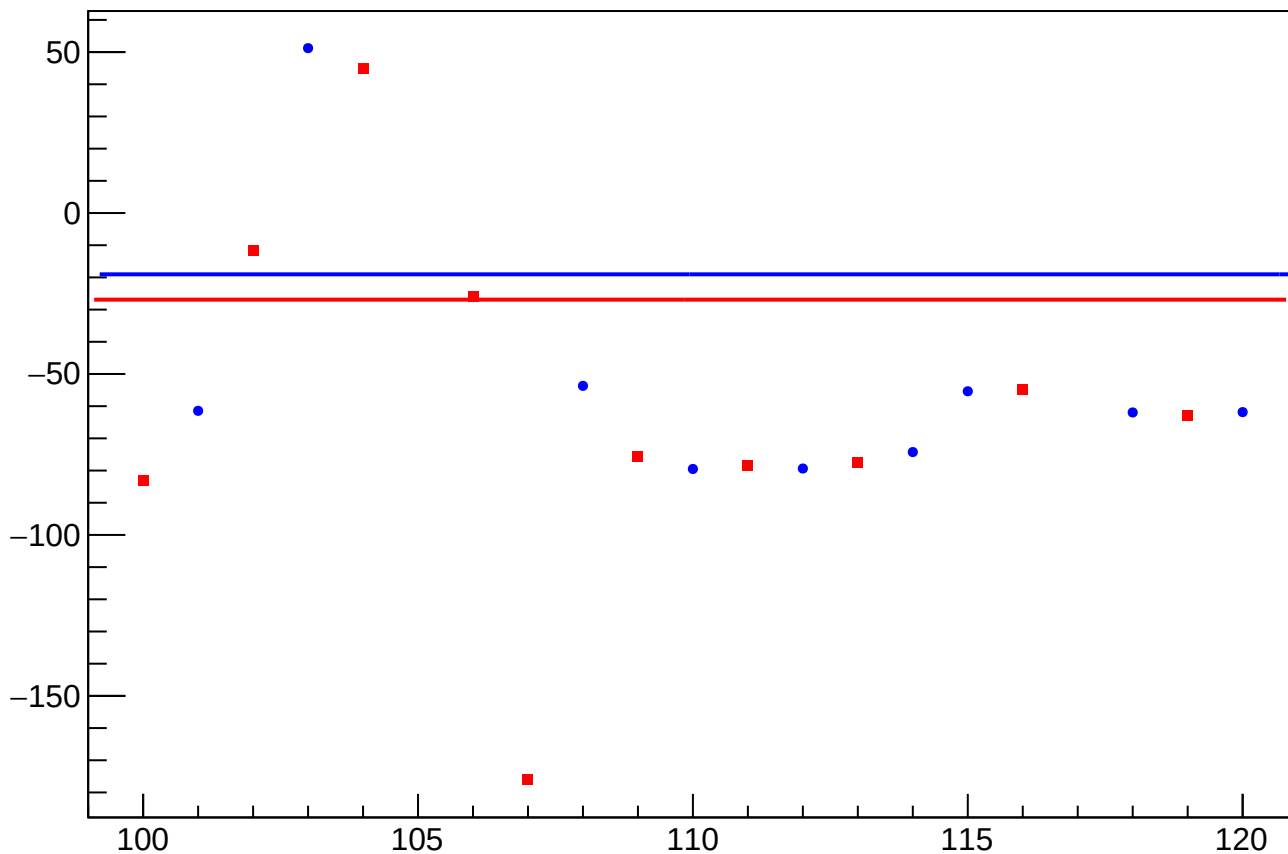
Right: -20.848+/-1.119 χ^2/NDF : 432.6/18

In: -18.669+/-1.557 χ^2/NDF : 272.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.848+/-1.119 χ^2/NDF : 432.6/18

reg_asym_us_avg_at1lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.043+/-0.088 χ^2/NDF : 404653.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -26.909+/-0.086 χ^2/NDF : 375976.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

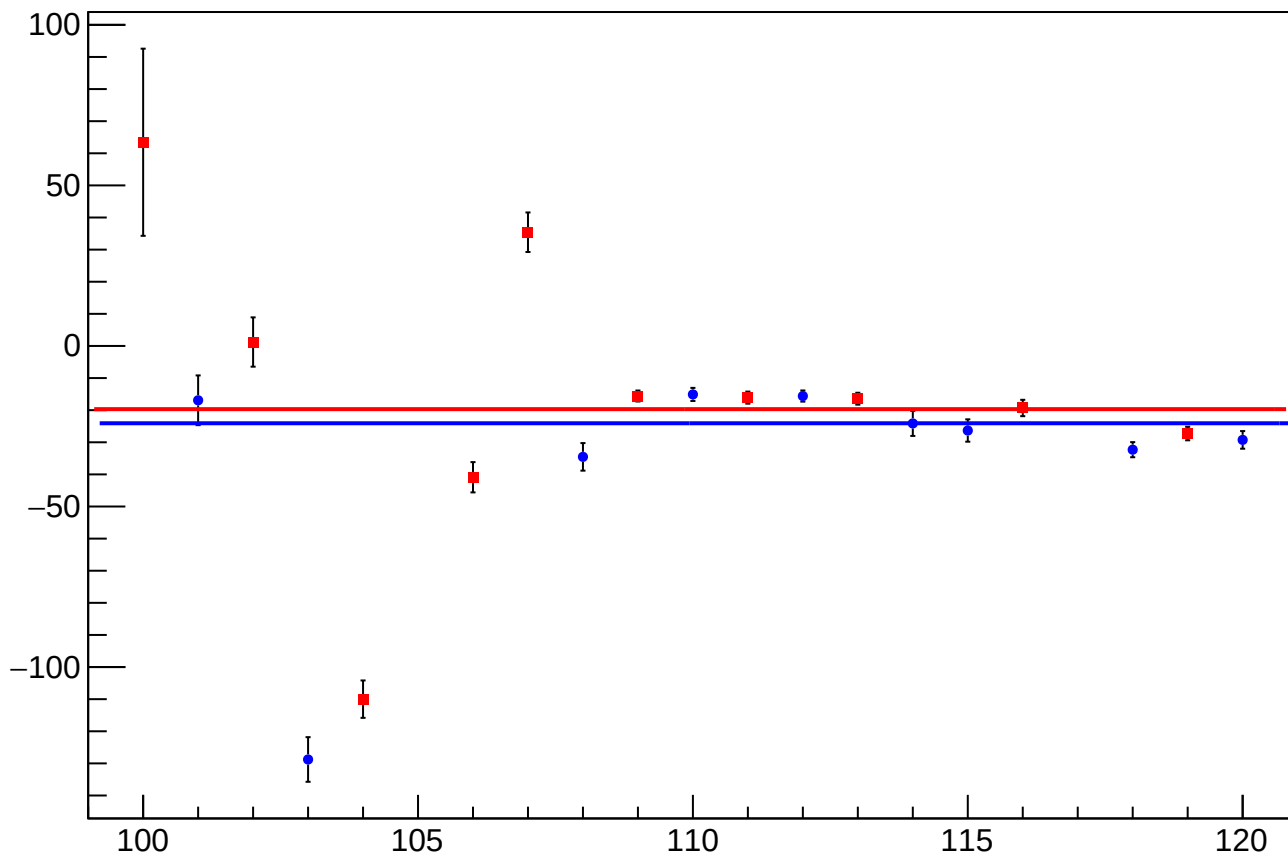
Right: -23.089+/-0.062 χ^2/NDF : 784701.3/18

In: -19.043+/-0.088 χ^2/NDF :404653.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -23.089+/-0.062 χ^2/NDF : 784701.3/18

reg_asym_us_avg_at1lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -24.076+/-0.942 χ^2/NDF : 293.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -19.680+/-0.840 χ^2/NDF : 382.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

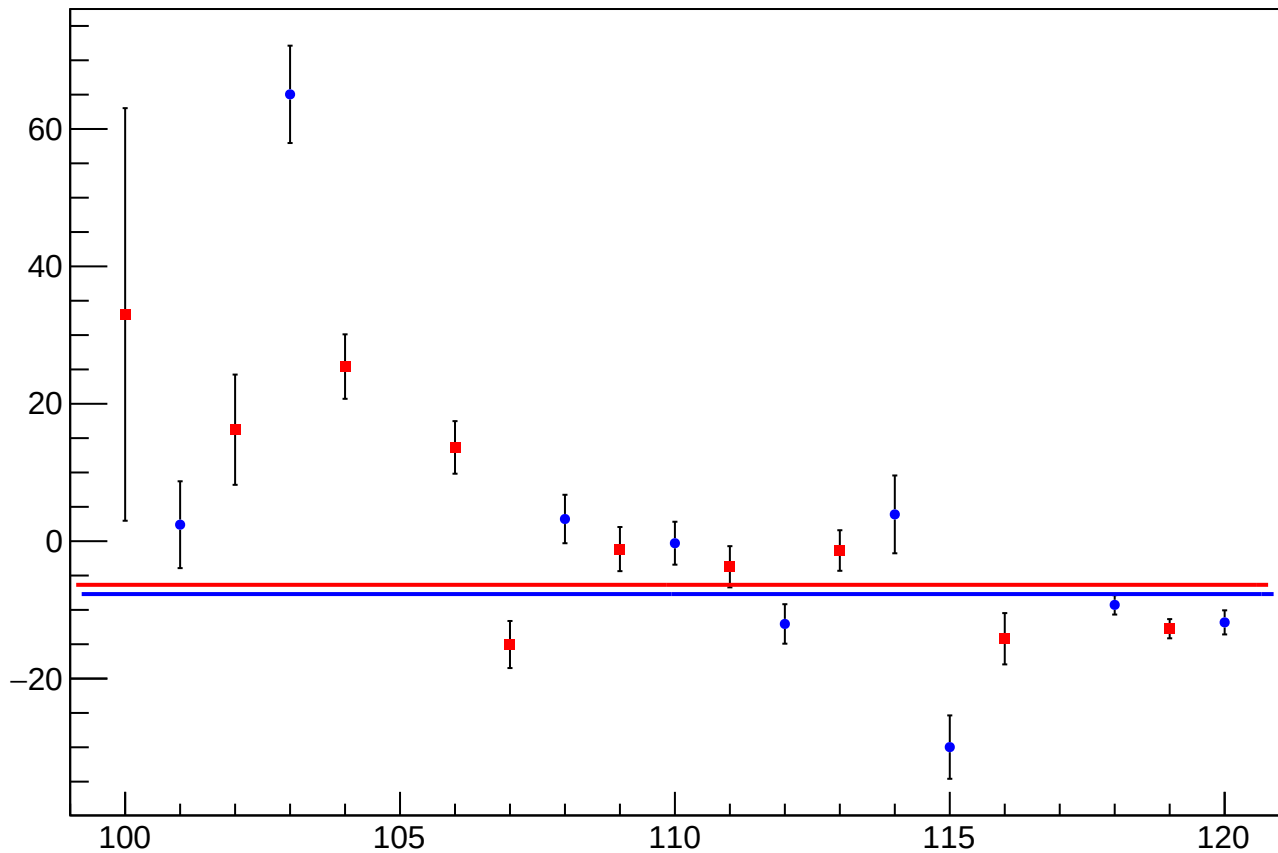
Right: -21.627+/-0.627 χ^2/NDF : 687.3/18

In: -24.076+/-0.942 χ^2/NDF : 293.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.627+/-0.627 χ^2/NDF : 687.3/18

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.698+/-0.893 χ^2/NDF : 159.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.352+/-0.944 χ^2/NDF : 120.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

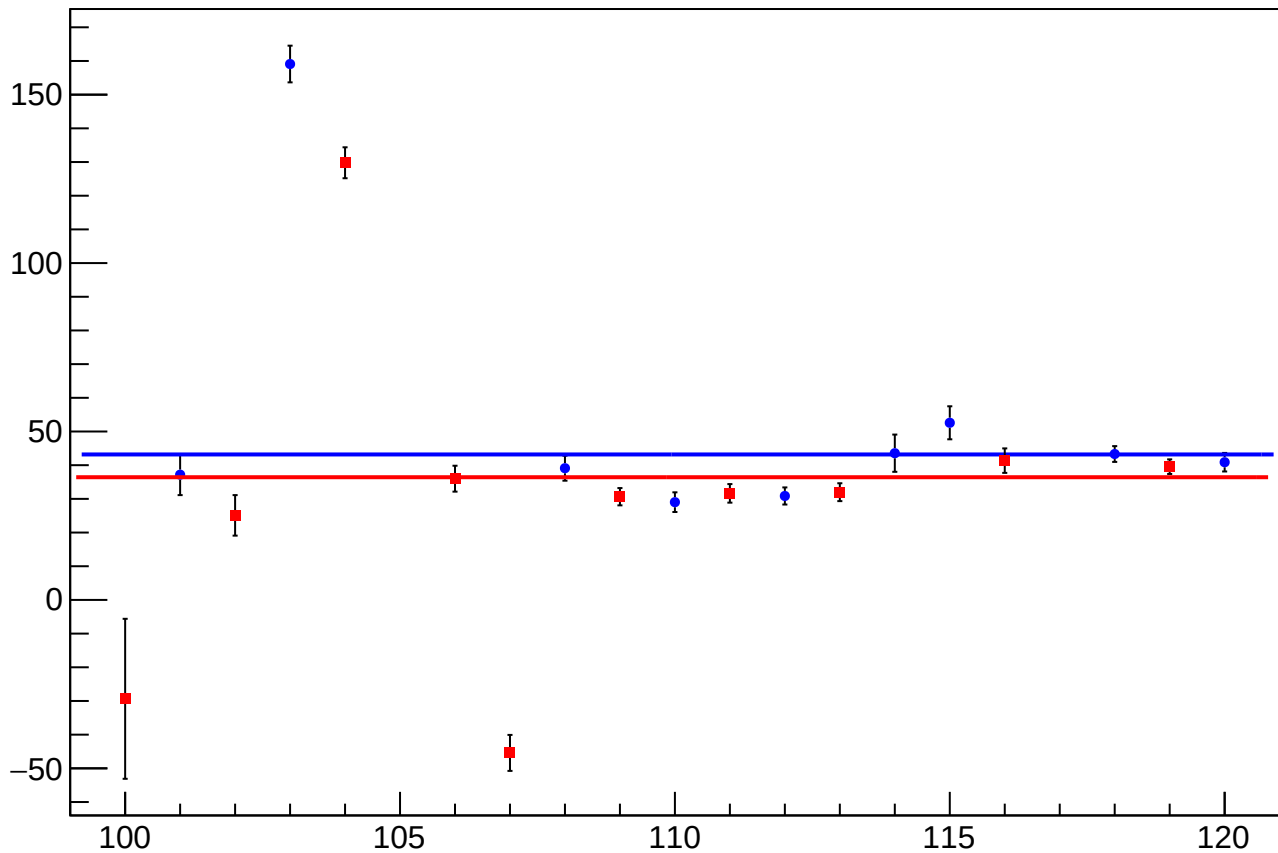
Right: -7.063+/-0.649 χ^2/NDF : 281.5/18

In: -7.698+/-0.893 χ^2/NDF : 159.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.063+/-0.649 χ^2/NDF : 281.5/18

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 43.185+/-1.122 χ^2/NDF : 506.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.426+/-1.058 χ^2/NDF : 673.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

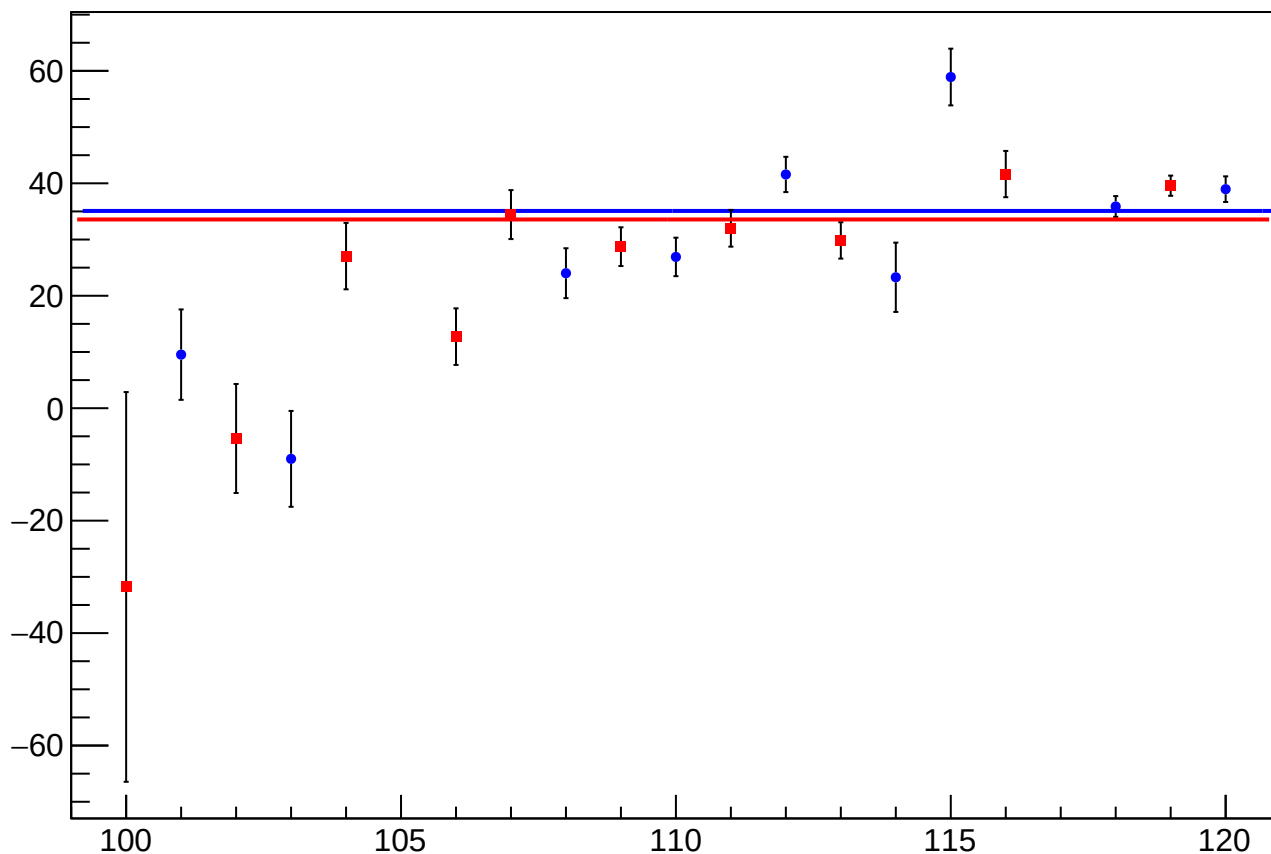
Right: 39.607+/-0.770 χ^2/NDF : 1199.6/18

In: 43.185+/-1.122 χ^2/NDF : 506.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.607+/-0.770 χ^2/NDF : 1199.6/18

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 35.088+/-1.105 χ^2/NDF : 82.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.566+/-1.135 χ^2/NDF : 56.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

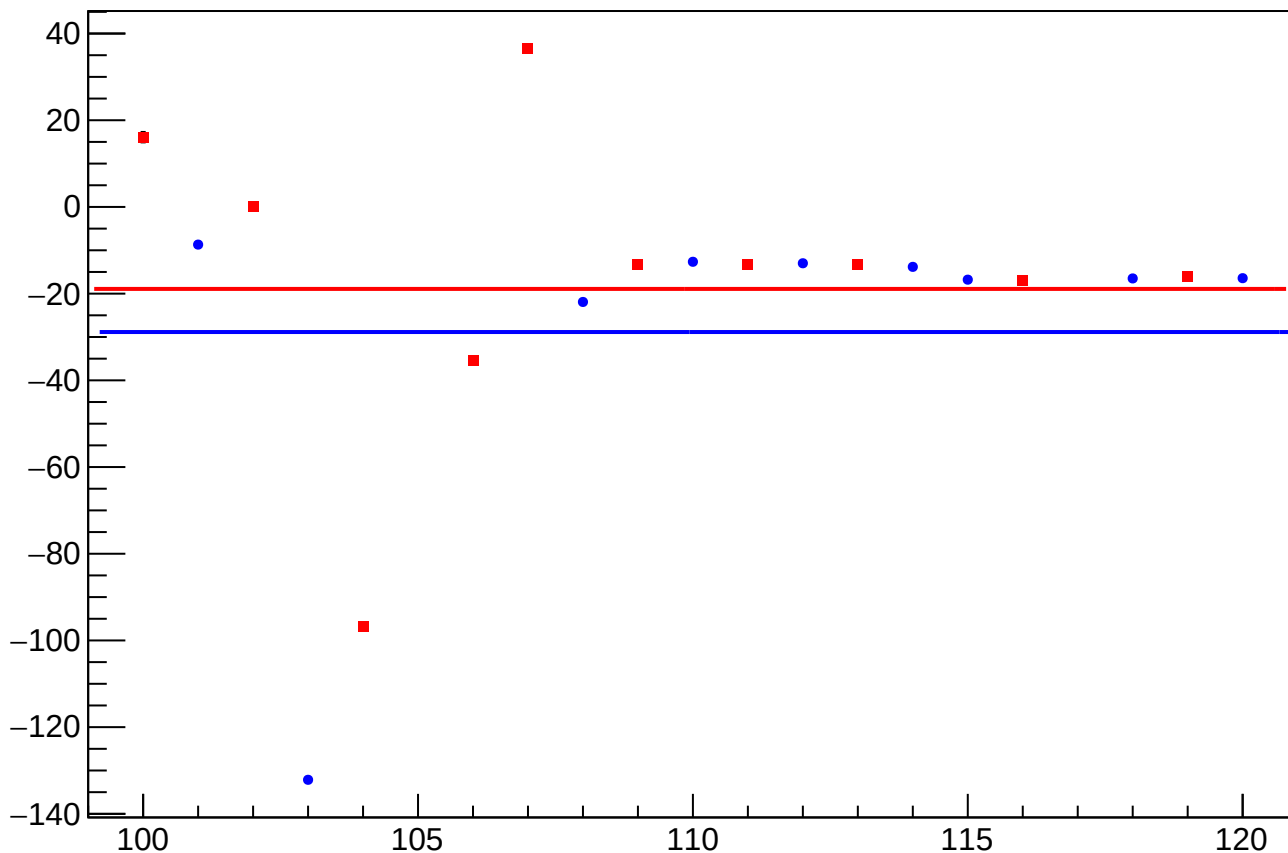
Right: 34.348+/-0.792 χ^2/NDF : 139.7/18

In: 35.088+/-1.105 χ^2/NDF : 82.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.348+/-0.792 χ^2/NDF : 139.7/18

reg_asym_us_avg_at1lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -28.855+/-0.075 χ^2/NDF : 226672.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.910+/-0.069 χ^2/NDF : 203233.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

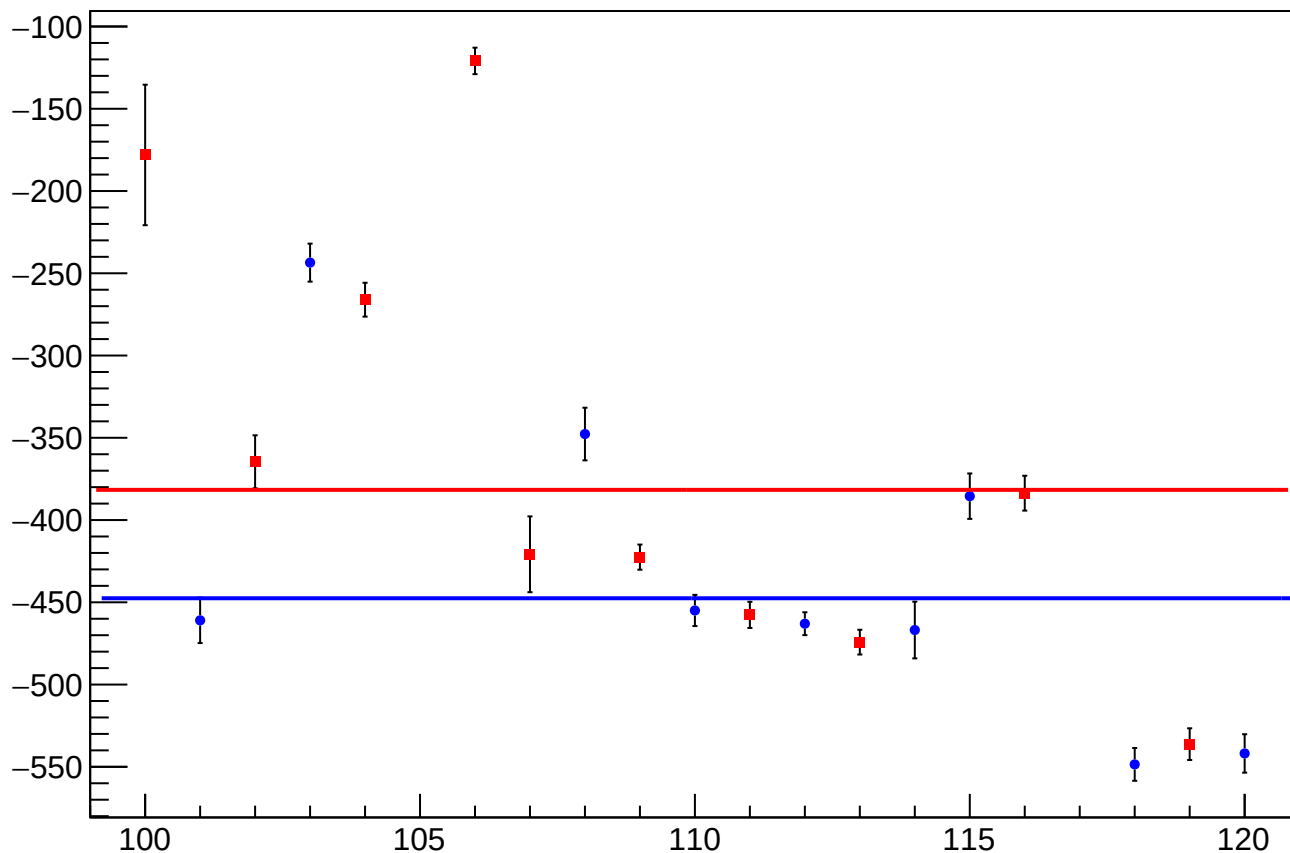
Right: -23.482+/-0.051 χ^2/NDF : 439333.0/18

In: -28.855+/-0.075 χ^2/NDF : 226672.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.482+/-0.051 χ^2/NDF : 439333.0/18

reg_asym_us_avg_at2lr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -447.543+/-3.664 χ^2/NDF : 546.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -381.651+/-3.140 χ^2/NDF : 1730.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

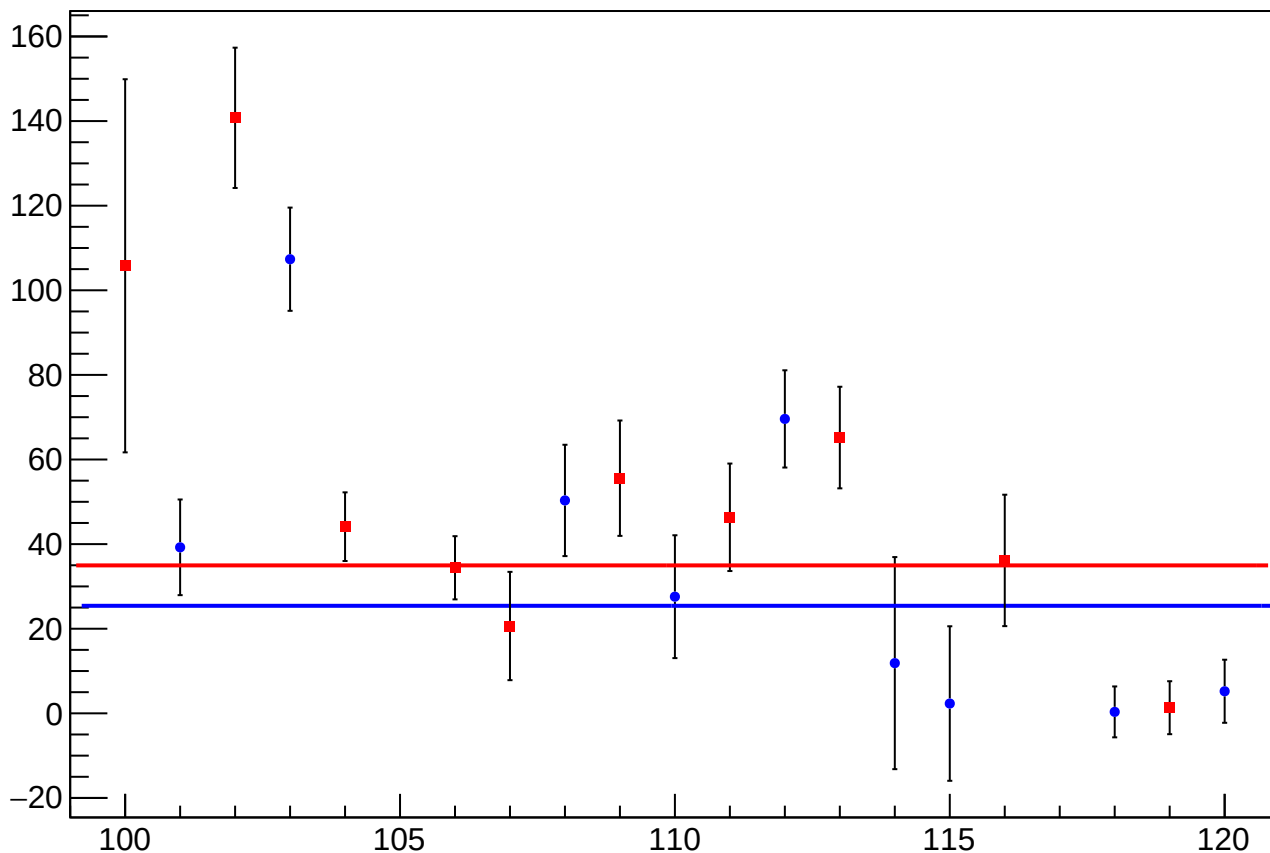
Right: -409.548+/-2.384 χ^2/NDF : 2463.7/18

In: -447.543+/-3.664 χ^2/NDF : 546.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -409.548+/-2.384 χ^2/NDF : 2463.7/18

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 25.419+/-3.475 χ^2/NDF : 91.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.970+/-3.305 χ^2/NDF : 84.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

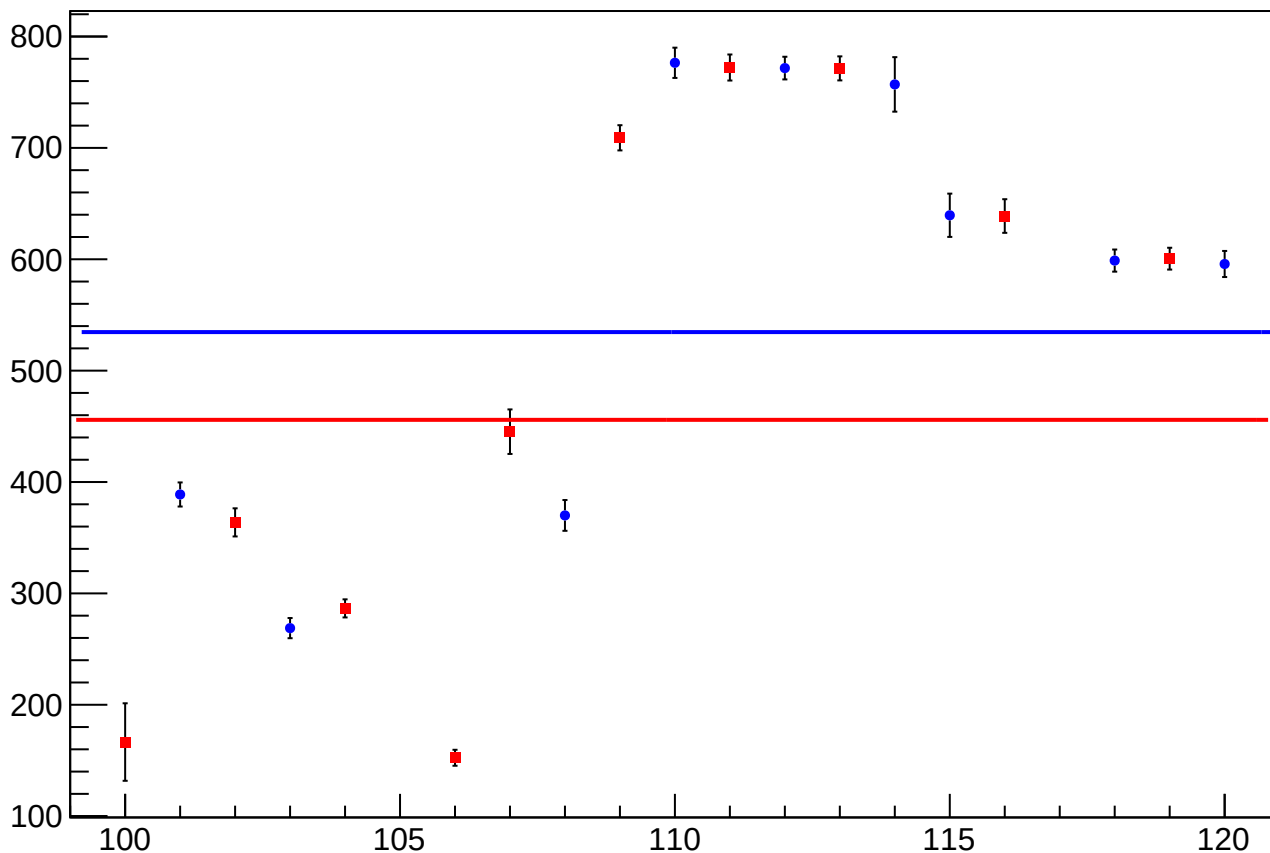
Right: 30.433+/-2.395 χ^2/NDF : 179.6/18

In: 25.419+/-3.475 χ^2/NDF : 91.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.433+/-2.395 χ^2/NDF : 179.6/18

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 534.620+/-3.991 χ^2/NDF : 2224.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 455.825+/-3.476 χ^2/NDF : 4804.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

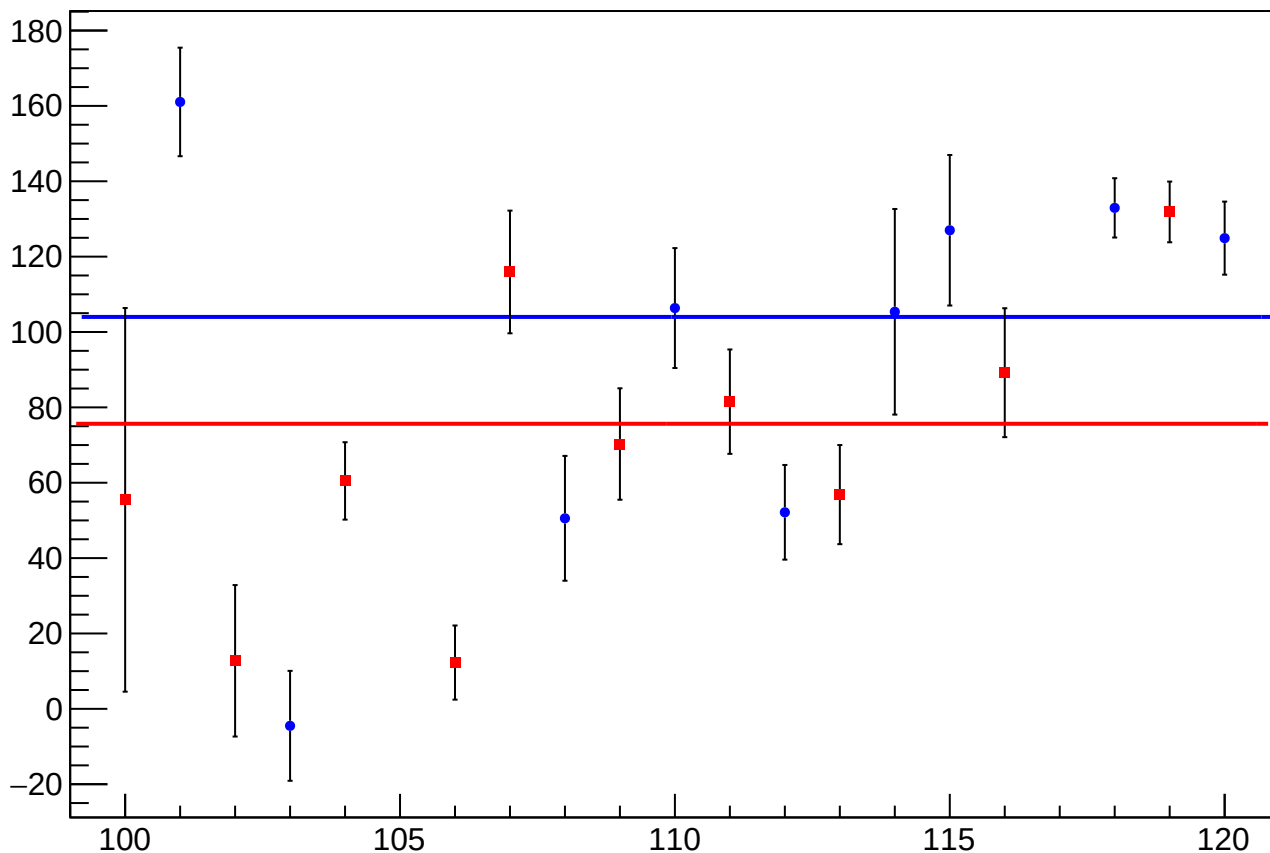
Right: 489.811+/-2.621 χ^2/NDF : 7250.4/18

In: 534.620+/-3.991 χ^2/NDF : 2224.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 489.811+/-2.621 χ^2/NDF : 7250.4/18

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 104.001 $\pm$ 4.300 χ^2 /NDF: 118.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 75.647 $\pm$ 4.054 χ^2 /NDF: 111.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

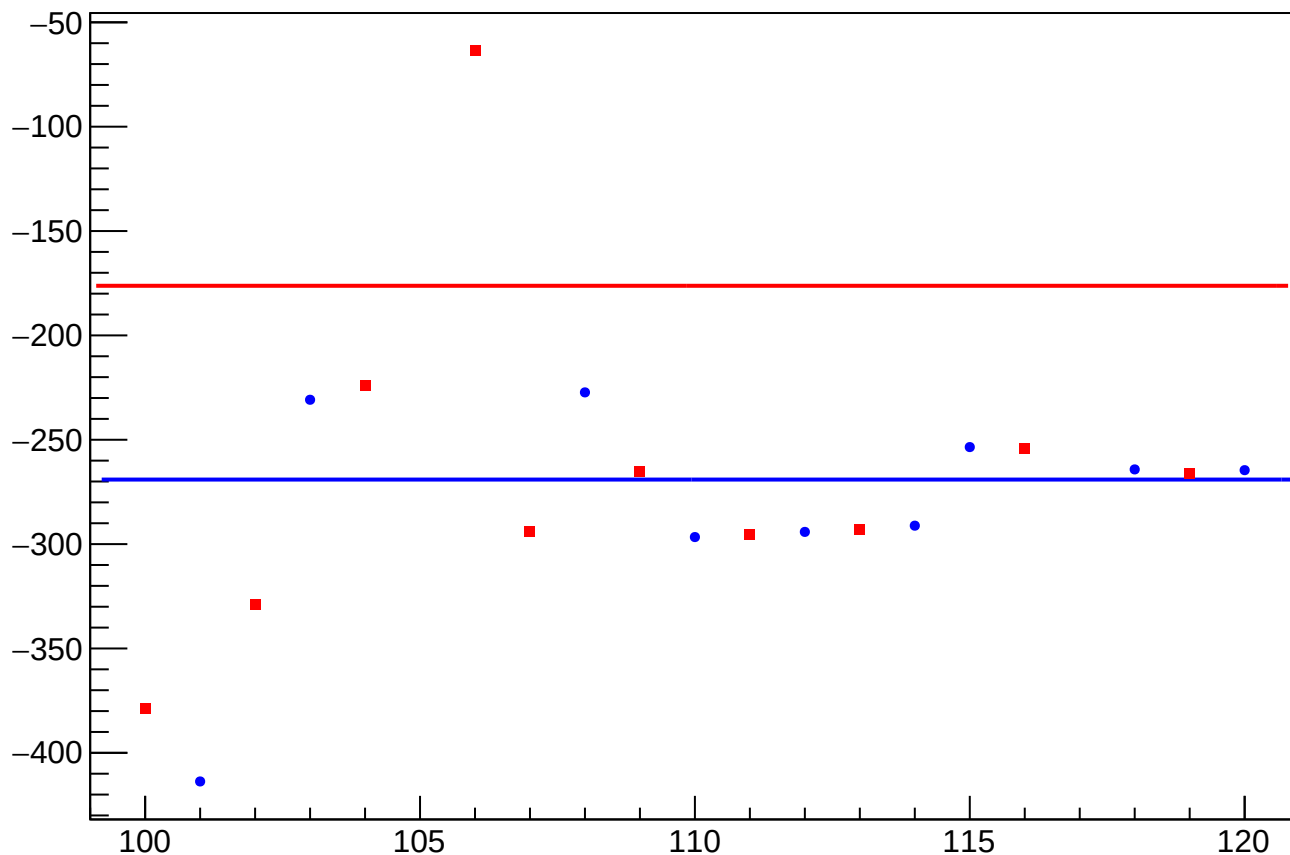
Right: 88.989 $\pm$ 2.950 χ^2 /NDF: 252.5/18

In: 104.001 $\pm$ 4.300 χ^2 /NDF: 118.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 88.989 $\pm$ 2.950 χ^2 /NDF: 252.5/18

reg_asym_us_avg_at2lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -269.073+/-0.233 χ^2/NDF : 67610.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -176.228+/-0.173 χ^2/NDF : 388337.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

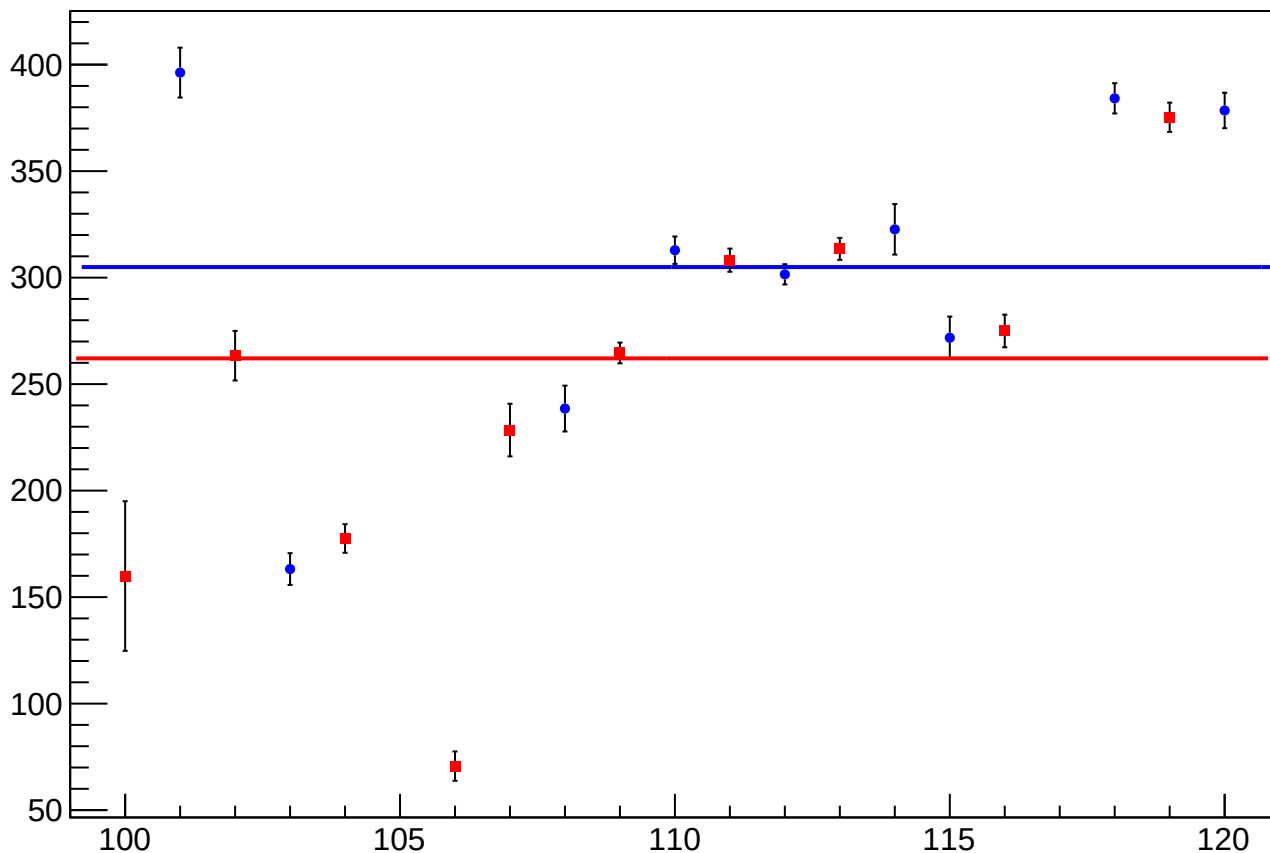
Right: -209.048+/-0.139 χ^2/NDF : 558210.4/18

In: -269.073+/-0.233 χ^2/NDF : 67610.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -209.048+/-0.139 χ^2/NDF : 558210.4/18

reg_asym_us_avg_at2lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 304.962 $\pm$ 2.549 χ^2 /NDF: 679.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 262.088 $\pm$ 2.184 χ^2 /NDF: 1392.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

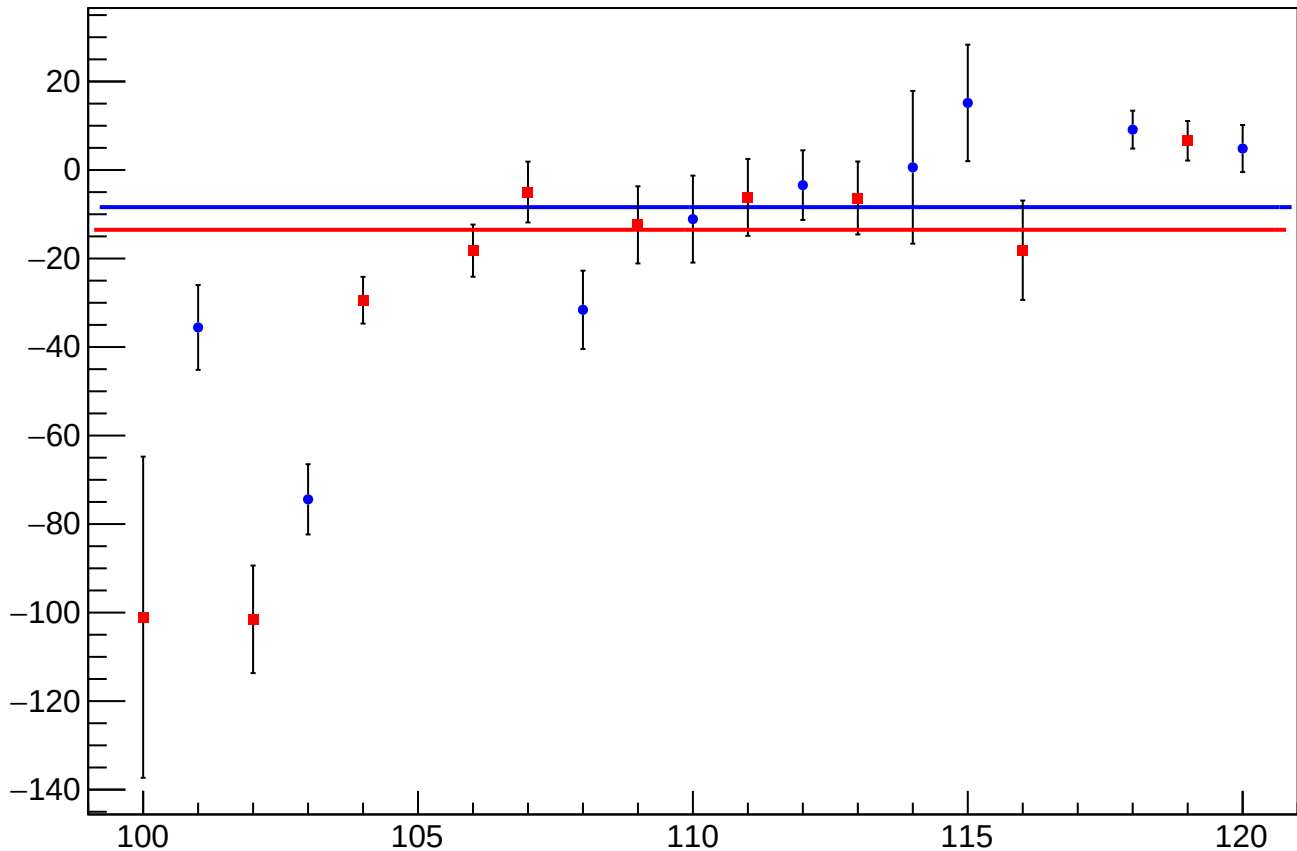
Right: 280.236 $\pm$ 1.658 χ^2 /NDF: 2234.5/18

In: 304.962 $\pm$ 2.549 χ^2 /NDF:679.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 280.236 $\pm$ 1.658 χ^2 /NDF: 2234.5/18

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.390+/-2.461 χ^2/NDF : 111.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -13.508+/-2.279 χ^2/NDF : 91.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

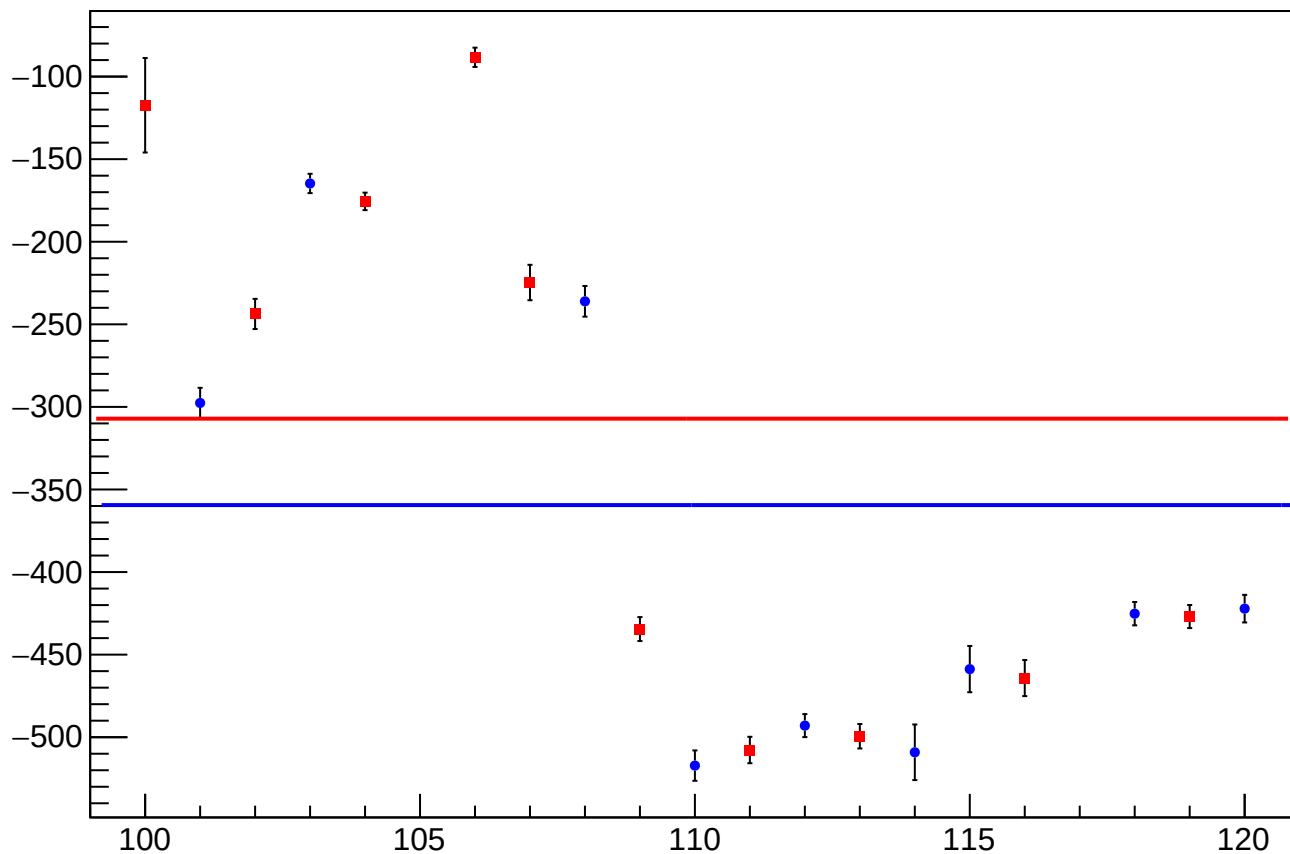
Right: -11.145+/-1.672 χ^2/NDF : 204.9/18

In: -8.390+/-2.461 χ^2/NDF :111.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -11.145+/-1.672 χ^2/NDF : 204.9/18

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -359.444+/-2.794 χ^2/NDF : 2265.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -307.115+/-2.434 χ^2/NDF : 4293.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

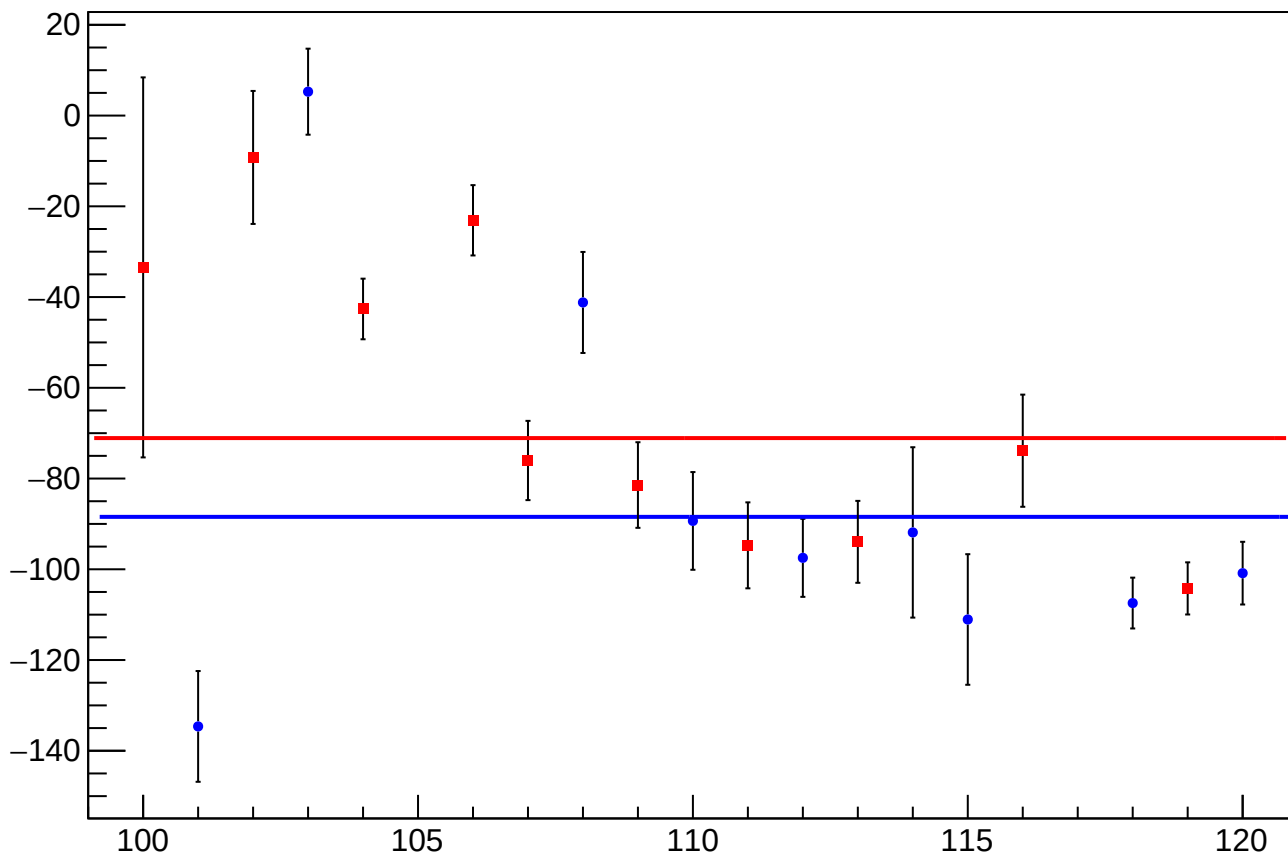
Right: -329.693+/-1.835 χ^2/NDF : 6757.7/18

In: -359.444+/-2.794 χ^2/NDF : 2265.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -329.693+/-1.835 χ^2/NDF : 6757.7/18

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -88.446+/-3.036 χ^2/NDF : 148.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -71.083+/-2.786 χ^2/NDF : 122.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

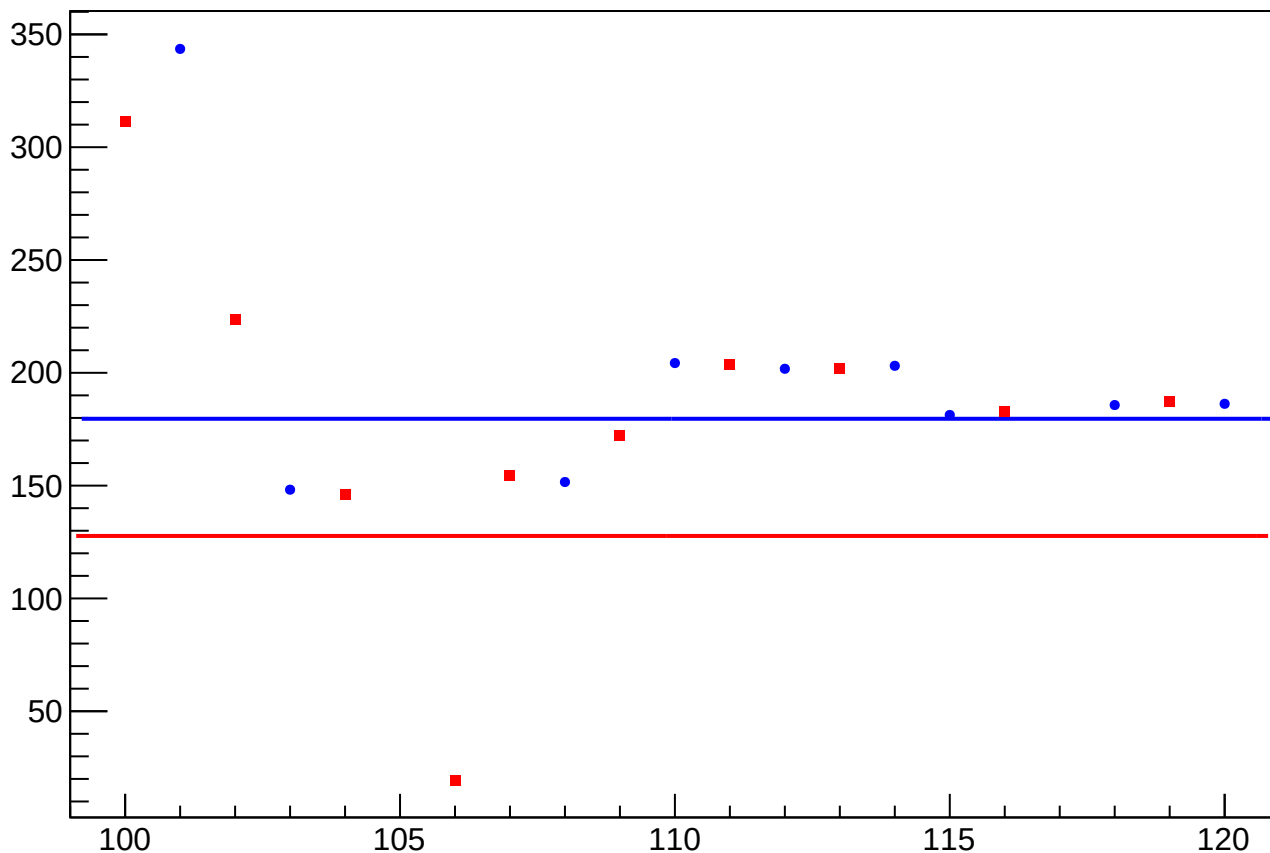
Right: -79.020+/-2.052 χ^2/NDF : 288.7/18

In: -88.446+/-3.036 χ^2/NDF : 148.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -79.020+/-2.052 χ^2/NDF : 288.7/18

reg_asym_us_avg_at2lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 179.627+/-0.160 χ^2/NDF : 114826.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.696+/-0.129 χ^2/NDF : 356951.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

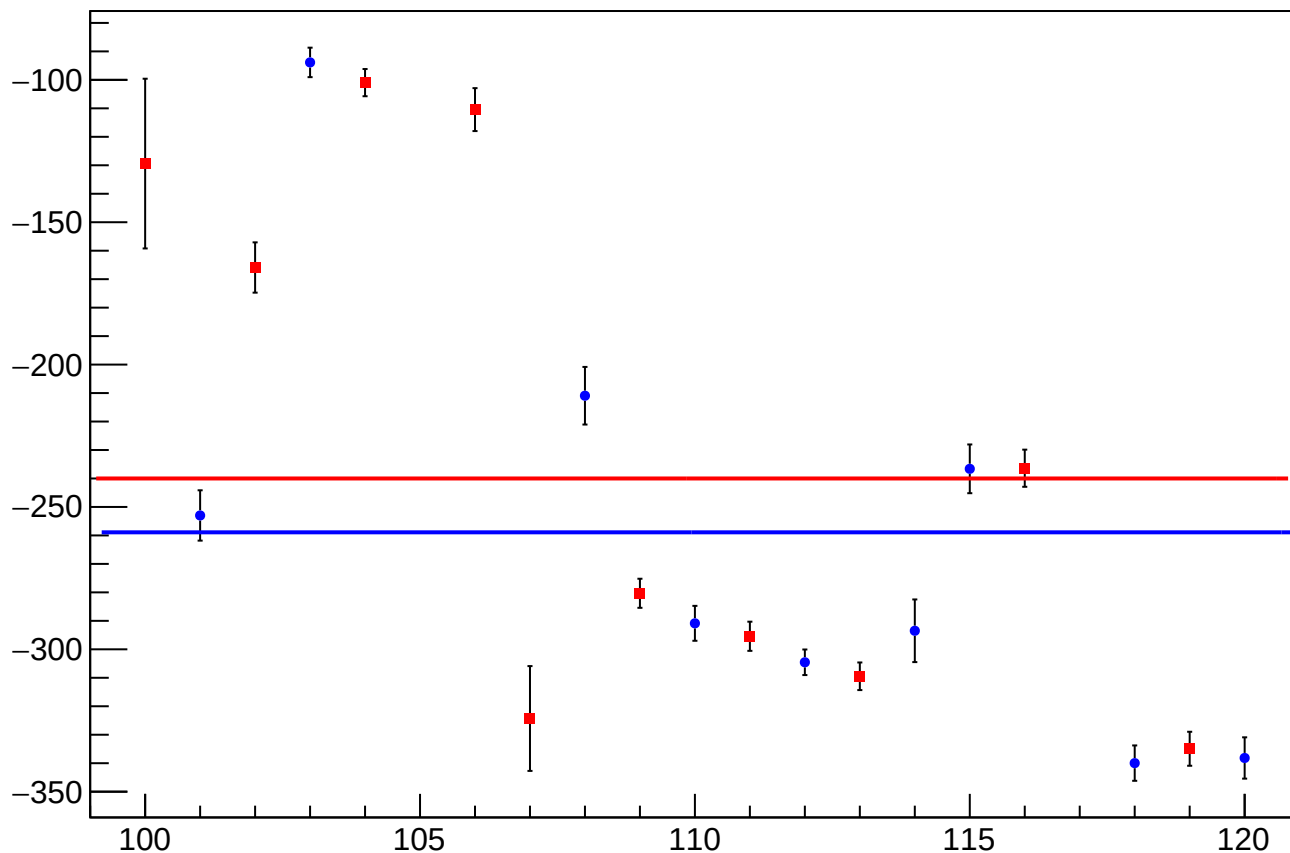
Right: 148.130+/-0.100 χ^2/NDF : 535531.8/18

In: 179.627+/-0.160 χ^2/NDF : 114826.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.130+/-0.100 χ^2/NDF : 535531.8/18

reg_asym_us_avg_atlr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -258.911+/-2.220 χ^2/NDF : 1476.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -240.000+/-2.004 χ^2/NDF : 1885.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

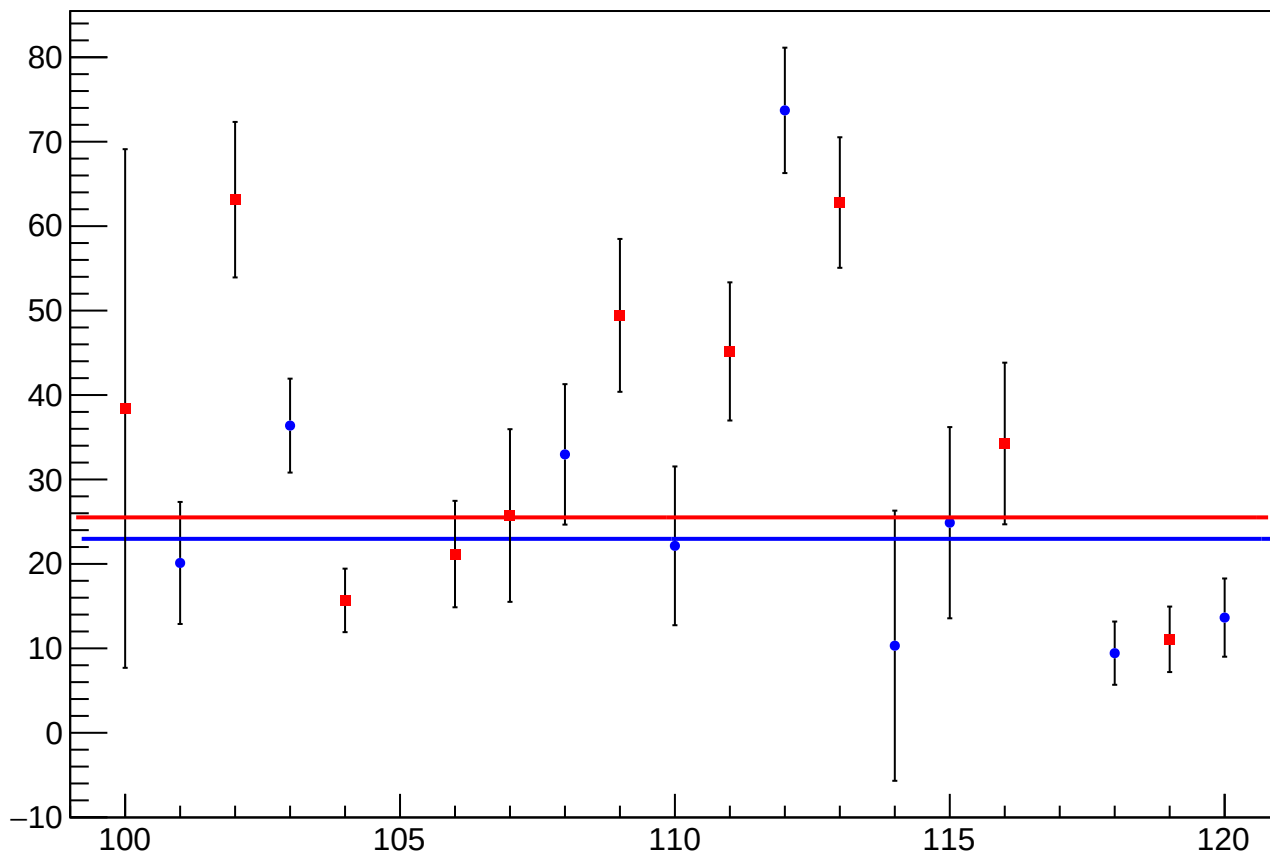
Right: -248.495+/-1.488 χ^2/NDF : 3401.8/18

In: -258.911+/-2.220 χ^2/NDF : 1476.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -248.495+/-1.488 χ^2/NDF : 3401.8/18

reg_asym_us_avg_atlr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.969+/-2.108 χ^2/NDF : 71.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.510+/-2.043 χ^2/NDF : 74.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

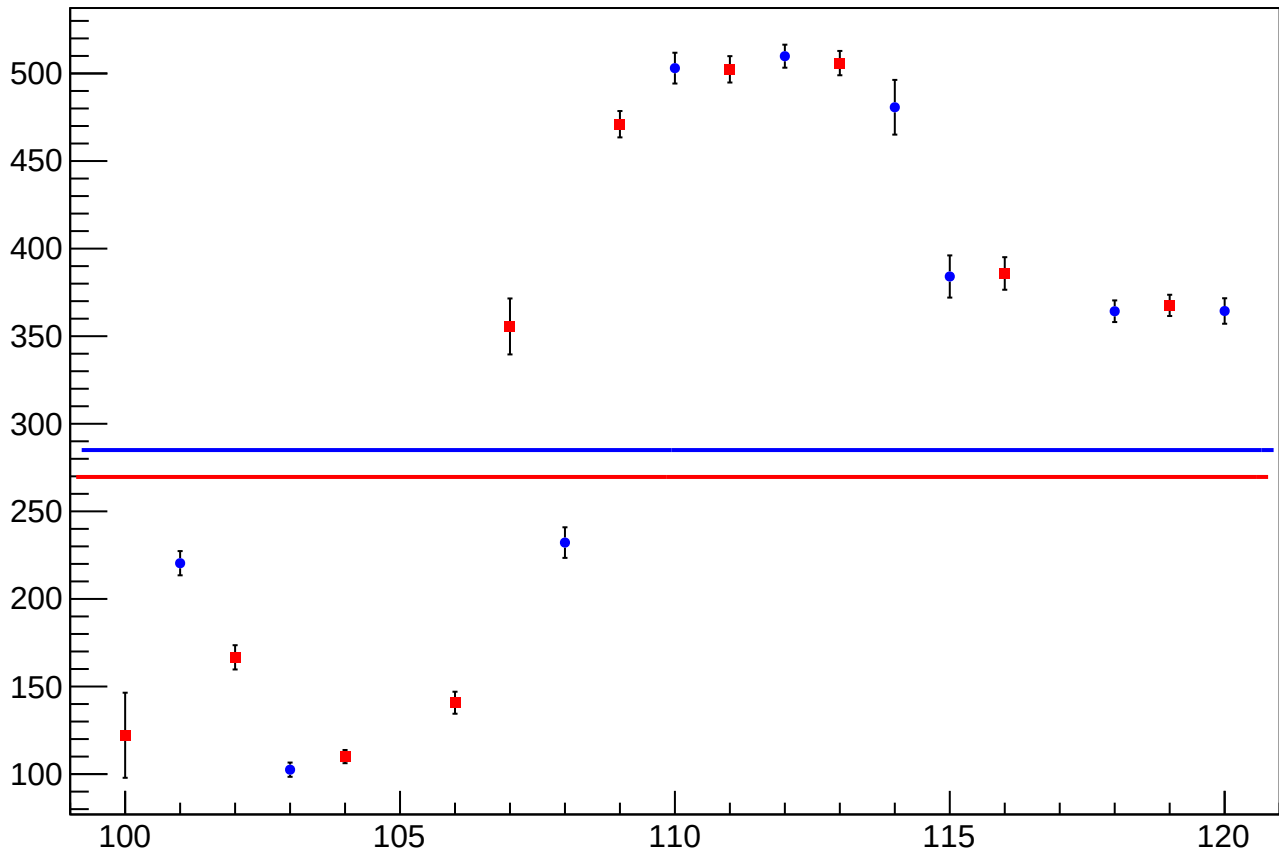
Right: 24.279+/-1.467 χ^2/NDF : 147.5/18

In: 22.969+/-2.108 χ^2/NDF : 71.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.279+/-1.467 χ^2/NDF : 147.5/18

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 284.993+/-2.315 χ^2/NDF : 4432.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 269.639+/-2.147 χ^2/NDF : 5749.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

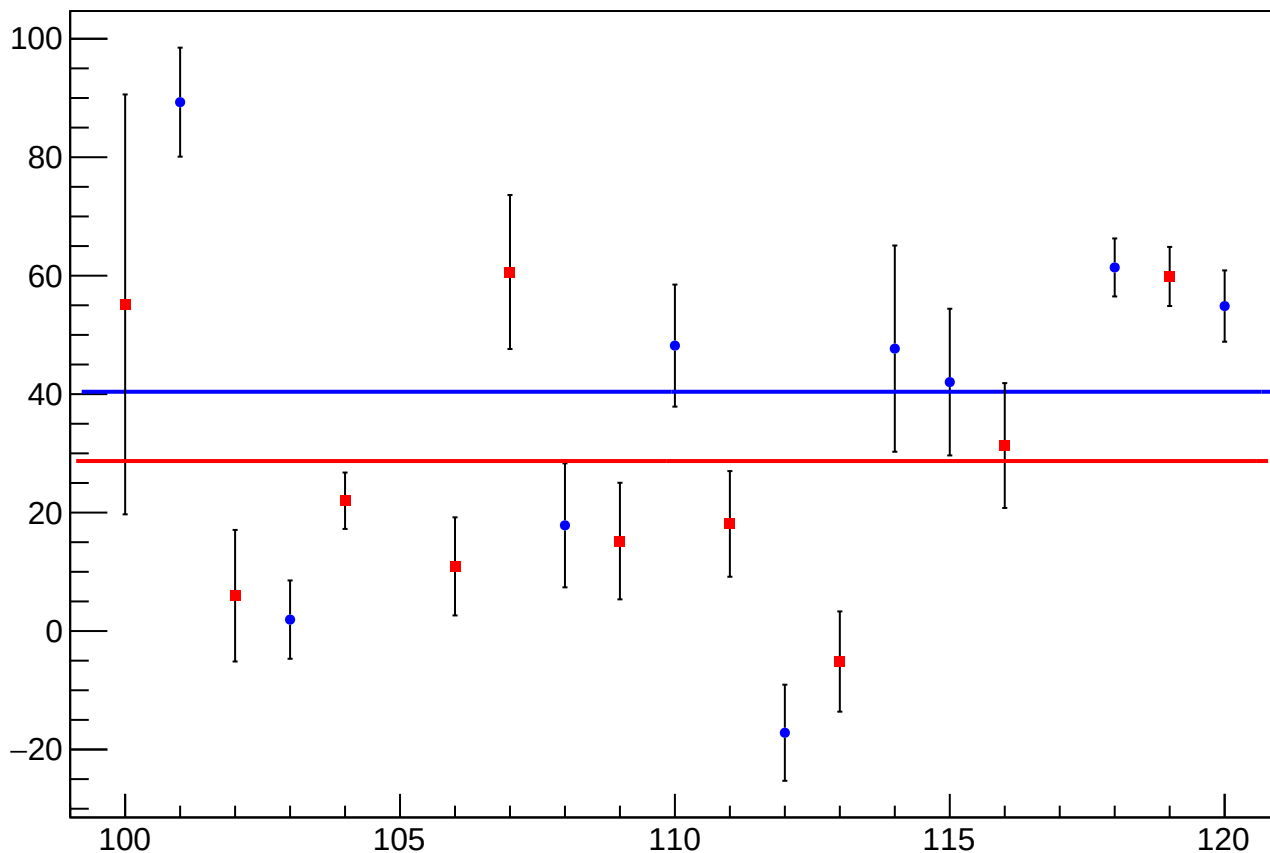
Right: 276.738+/-1.574 χ^2/NDF : 10205.7/18

In: 284.993+/-2.315 χ^2/NDF :4432.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 276.738+/-1.574 χ^2/NDF : 10205.7/18

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.401+/-2.604 χ^2/NDF : 141.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.706+/-2.504 χ^2/NDF : 75.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

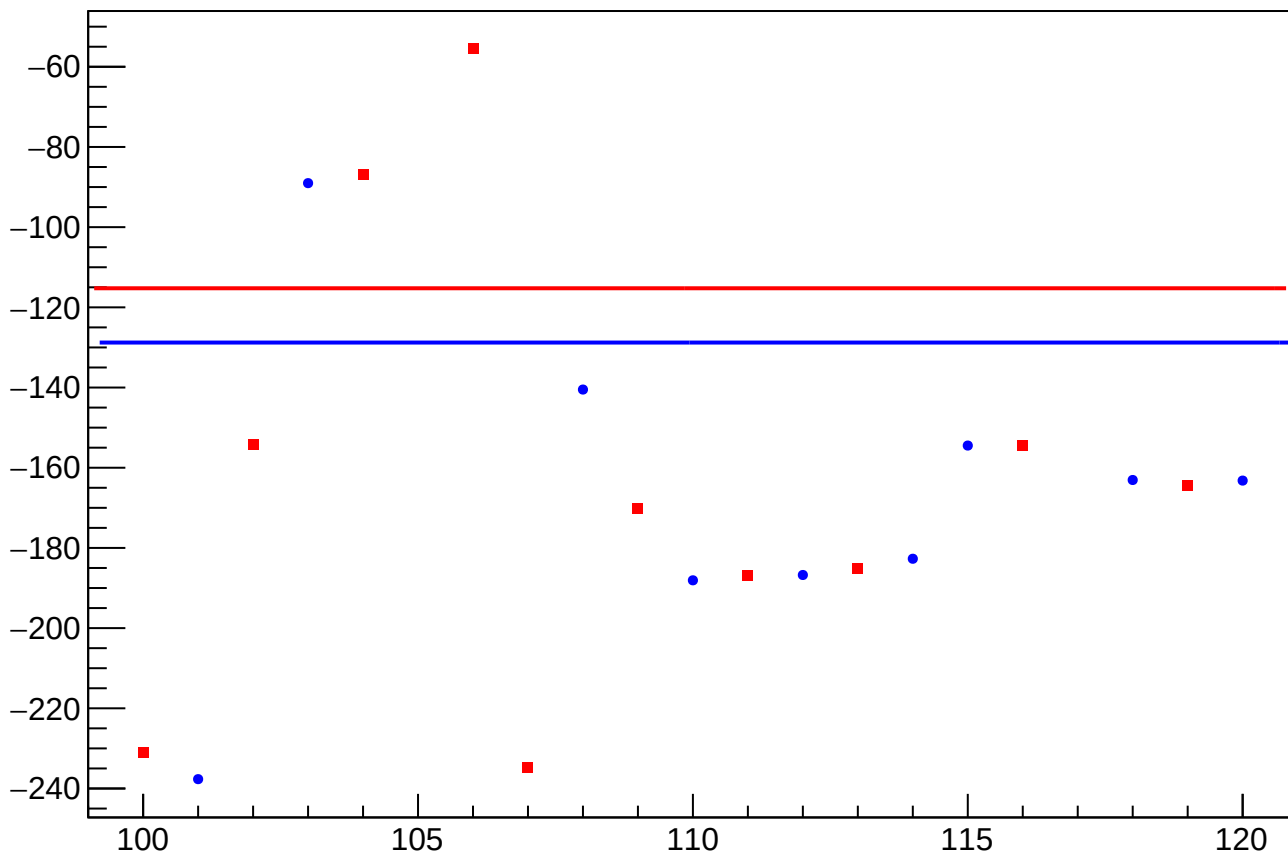
Right: 34.323+/-1.805 χ^2/NDF : 228.1/18

In: 40.401+/-2.604 χ^2/NDF : 141.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.323+/-1.805 χ^2/NDF : 228.1/18

reg_asym_us_avg_atlr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -128.780+/-0.126 χ^2/NDF : 156616.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -115.242+/-0.115 χ^2/NDF : 194244.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

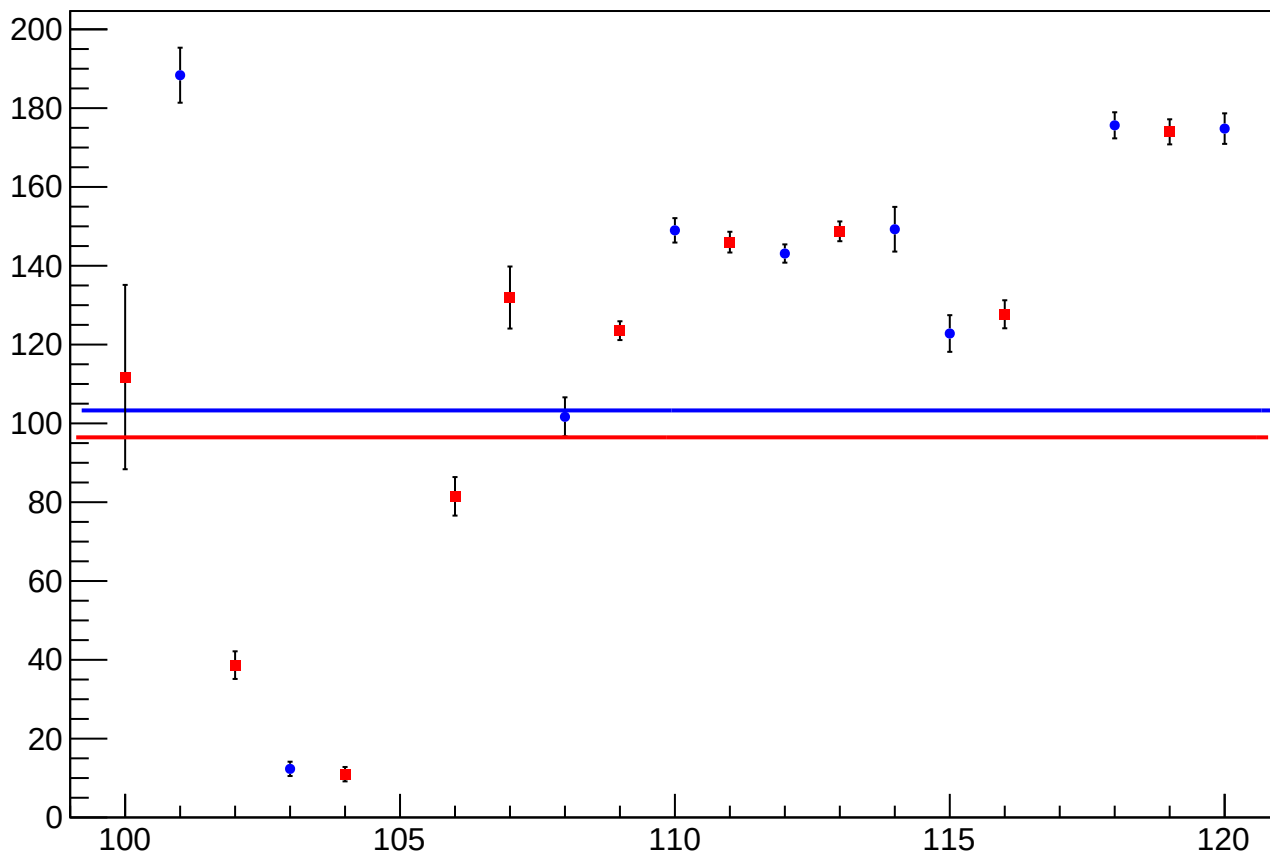
Right: -121.387+/-0.085 χ^2/NDF : 357197.4/18

In: -128.780+/-0.126 χ^2/NDF : 156616.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -121.387+/-0.085 χ^2/NDF : 357197.4/18

reg_asym_us_avg_atlr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 103.289+/-1.060 χ^2/NDF : 4067.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 96.457+/-0.955 χ^2/NDF : 4078.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

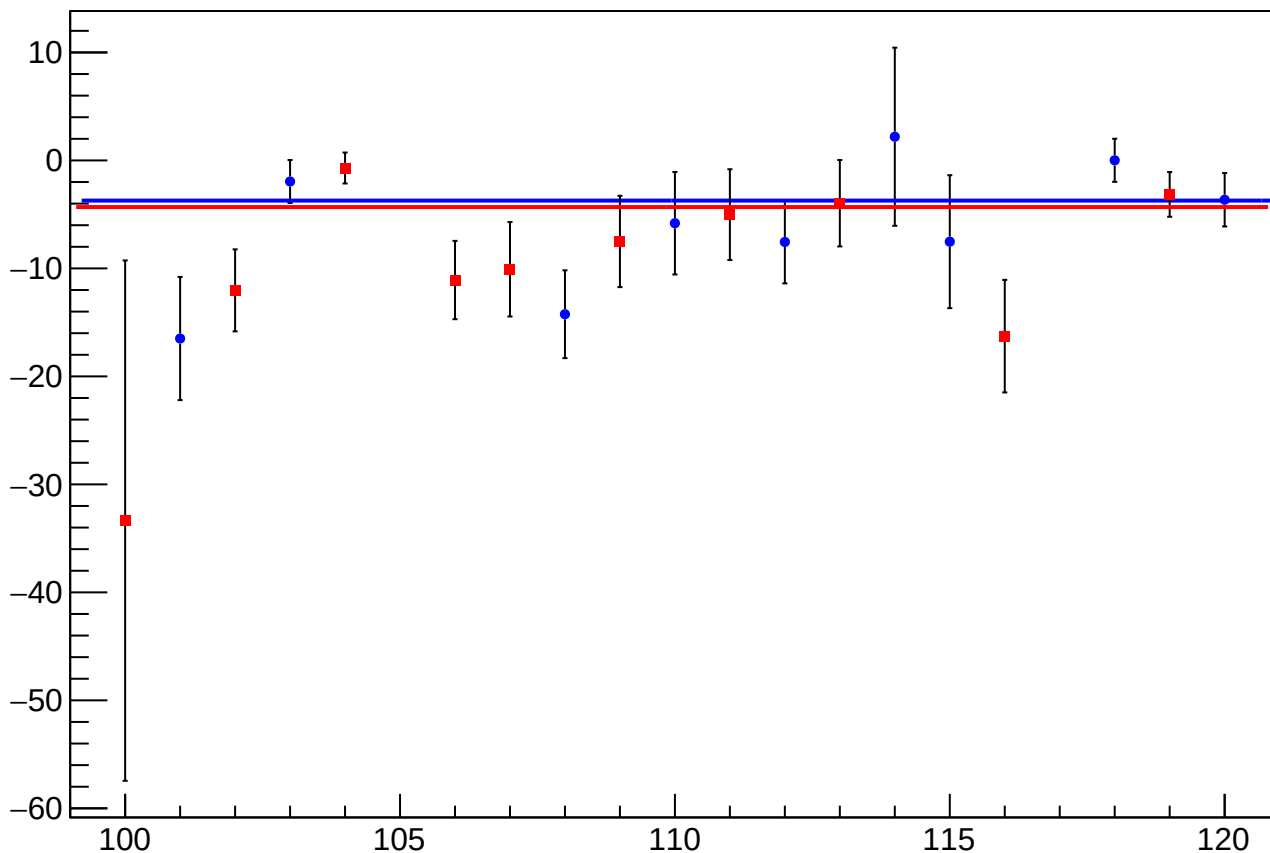
Right: 99.515+/-0.709 χ^2/NDF : 8169.0/18

In: 103.289+/-1.060 χ^2/NDF :4067.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 99.515+/-0.709 χ^2/NDF : 8169.0/18

reg_asym_us_avg_atlr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.720+/-1.047 χ^2/NDF : 18.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.319+/-0.940 χ^2/NDF : 23.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

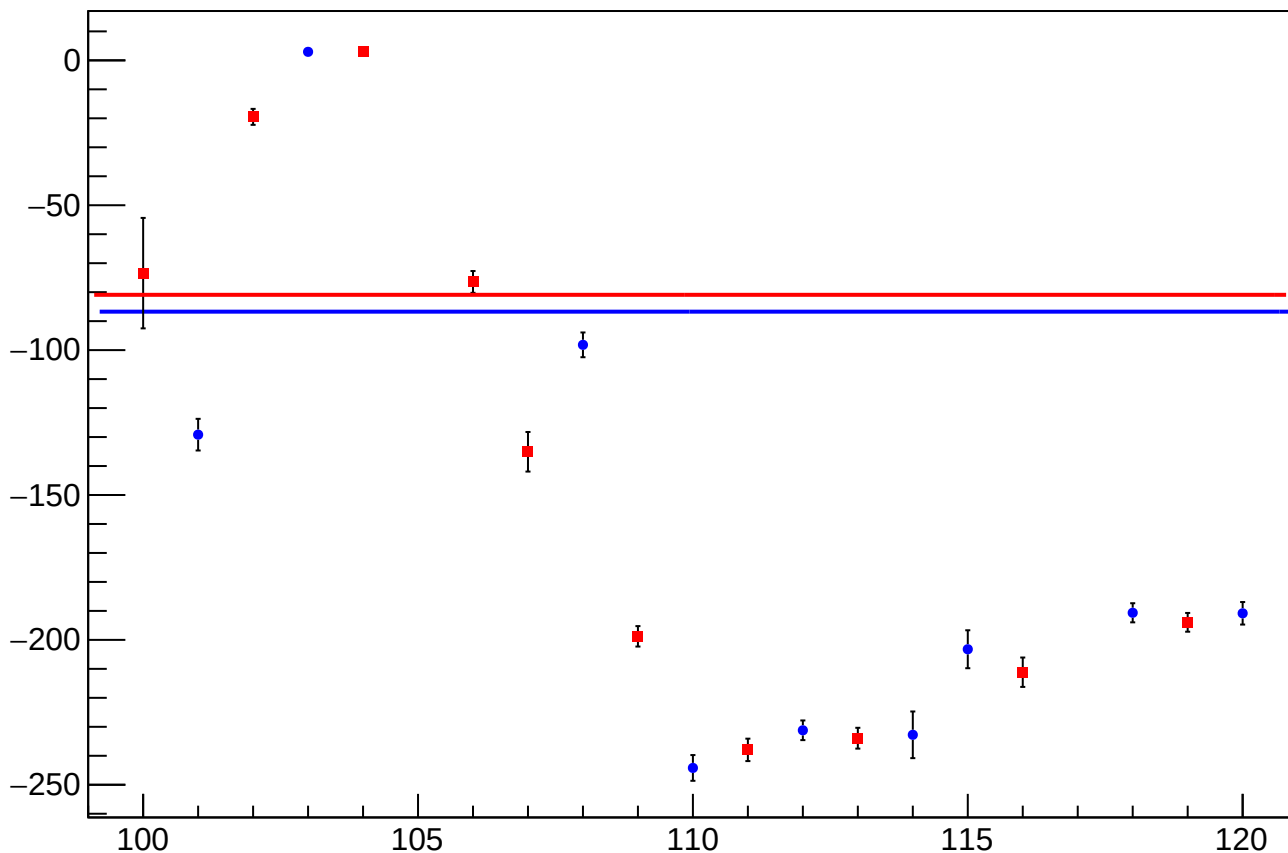
Right: -4.052+/-0.700 χ^2/NDF : 41.6/18

In: -3.720+/-1.047 χ^2/NDF : 18.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.052+/-0.700 χ^2/NDF : 41.6/18

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -86.727+/-1.046 χ^2/NDF : 9436.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -80.915+/-0.968 χ^2/NDF : 10403.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

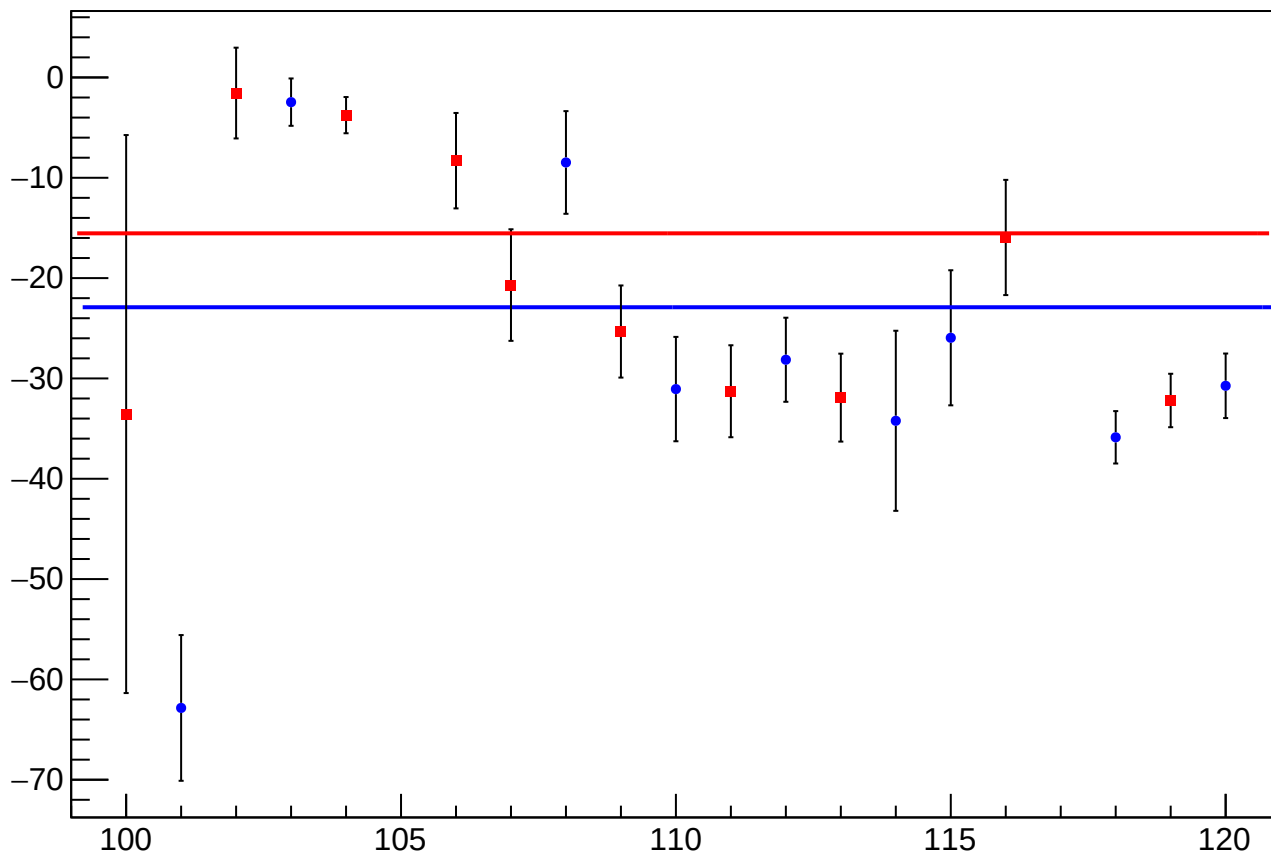
Right: -83.595+/-0.711 χ^2/NDF : 19855.8/18

In: -86.727+/-1.046 χ^2/NDF : 9436.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -83.595+/-0.711 χ^2/NDF : 19855.8/18

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -22.905 $\pm$ 1.282 χ^2 /NDF: 149.6/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -15.538 $\pm$ 1.153 χ^2 /NDF: 125.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

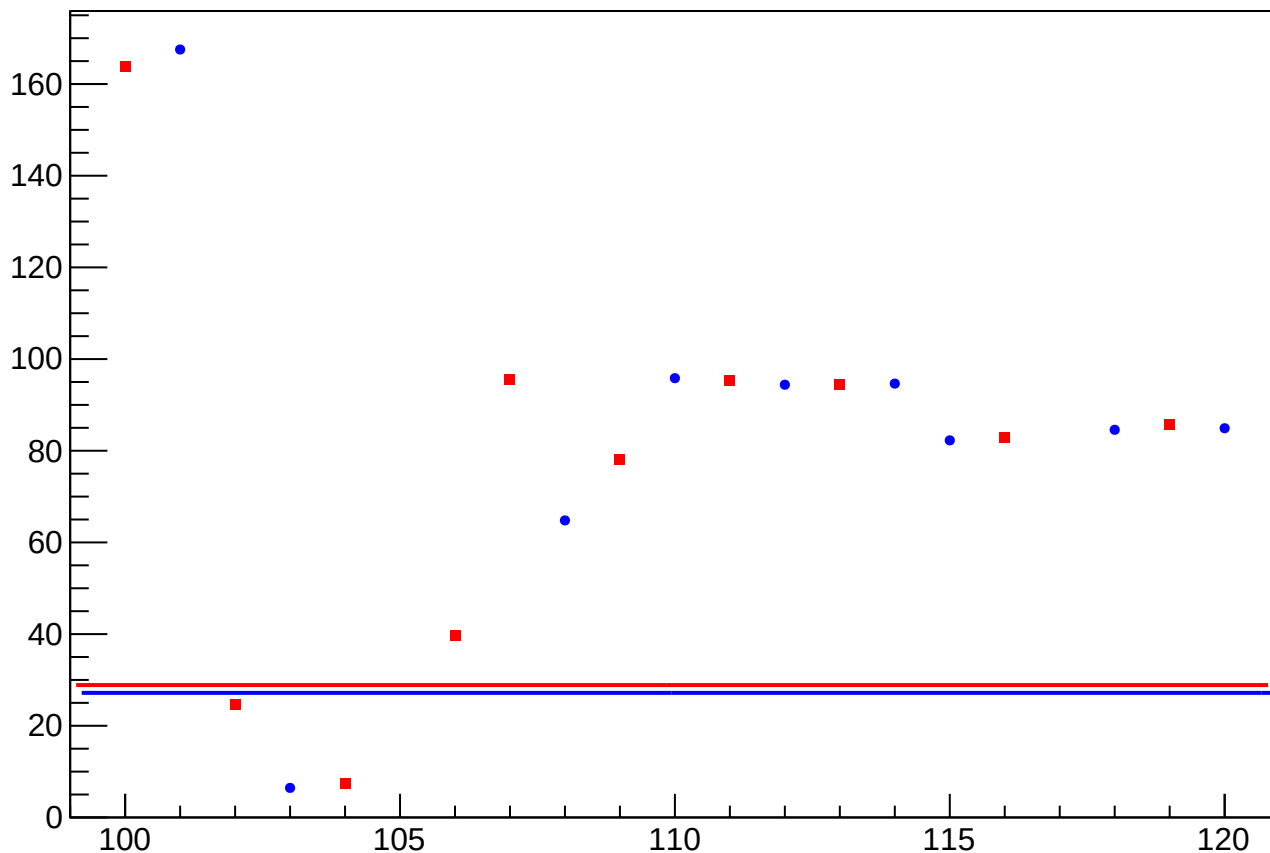
Right: -18.833 $\pm$ 0.857 χ^2 /NDF: 293.0/18

In: -22.905 $\pm$ 1.282 χ^2 /NDF:149.6/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -18.833 $\pm$ 0.857 χ^2 /NDF: 293.0/18

reg_asym_us_avg_atlr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 27.179+/-0.051 χ^2/NDF : 562678.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.882+/-0.051 χ^2/NDF : 394642.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

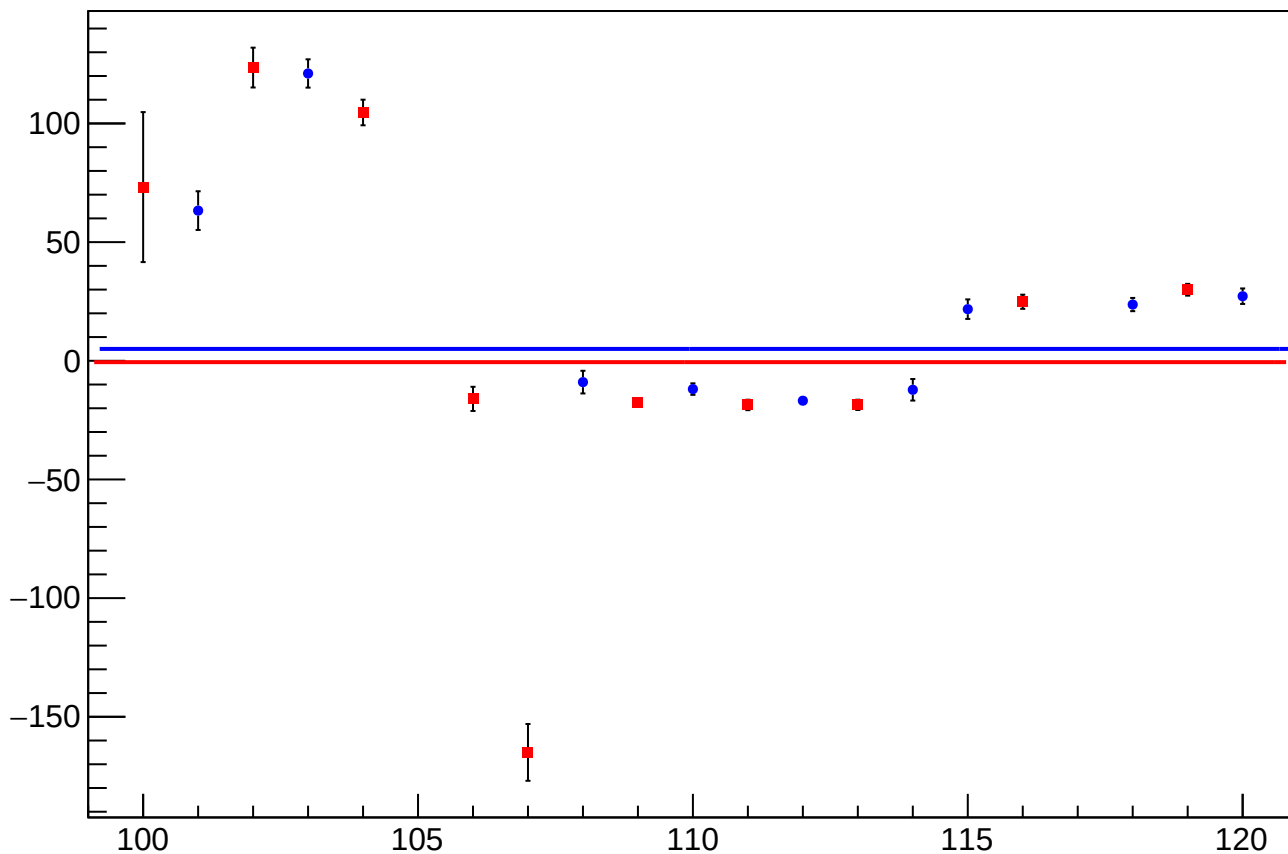
Right: 28.044+/-0.036 χ^2/NDF : 957880.7/18

In: 27.179+/-0.051 χ^2/NDF : 562678.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.044+/-0.036 χ^2/NDF : 957880.7/18

reg_asym_us_dd_at1lr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 5.007+/-1.098 χ^2/NDF : 724.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.565+/-0.989 χ^2/NDF : 1231.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

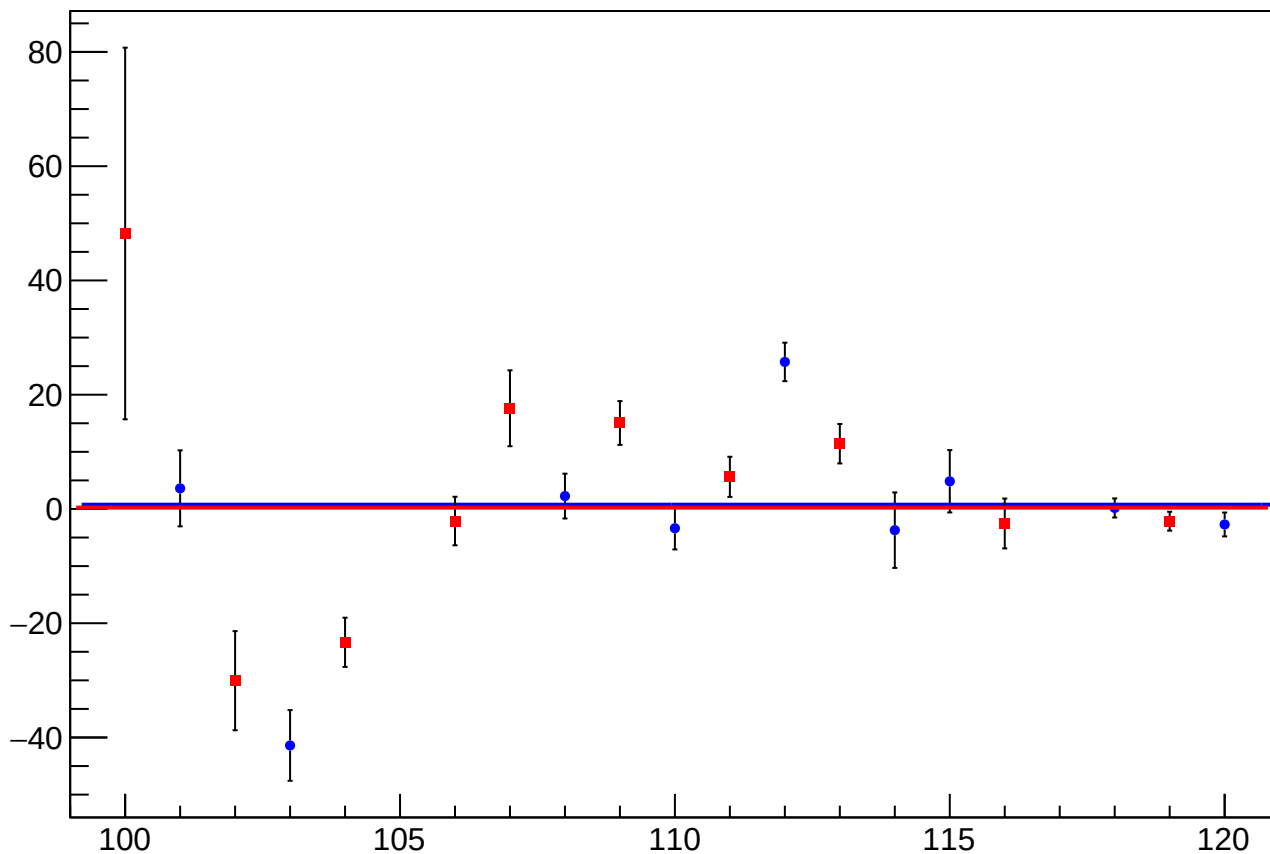
Right: 1.930+/-0.735 χ^2/NDF : 1970.5/18

In: 5.007+/-1.098 χ^2/NDF : 724.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.930+/-0.735 χ^2/NDF : 1970.5/18

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.751+/-1.043 χ^2/NDF : 106.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.241+/-1.120 χ^2/NDF : 81.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

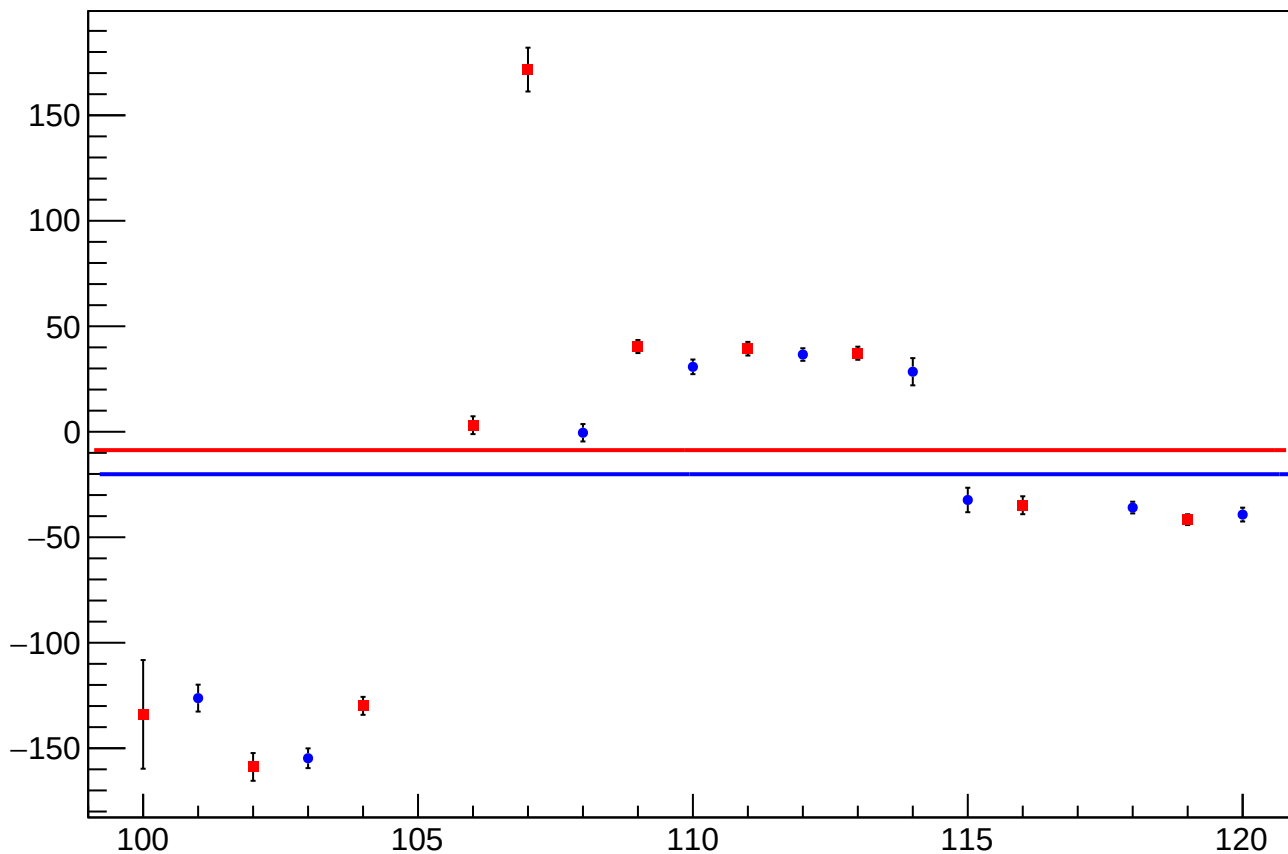
Right: 0.514+/-0.763 χ^2/NDF : 188.8/18

In: 0.751+/-1.043 χ^2/NDF : 106.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.514+/-0.763 χ^2/NDF : 188.8/18

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -20.124+/-1.289 χ^2/NDF : 1833.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.707+/-1.233 χ^2/NDF : 2562.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

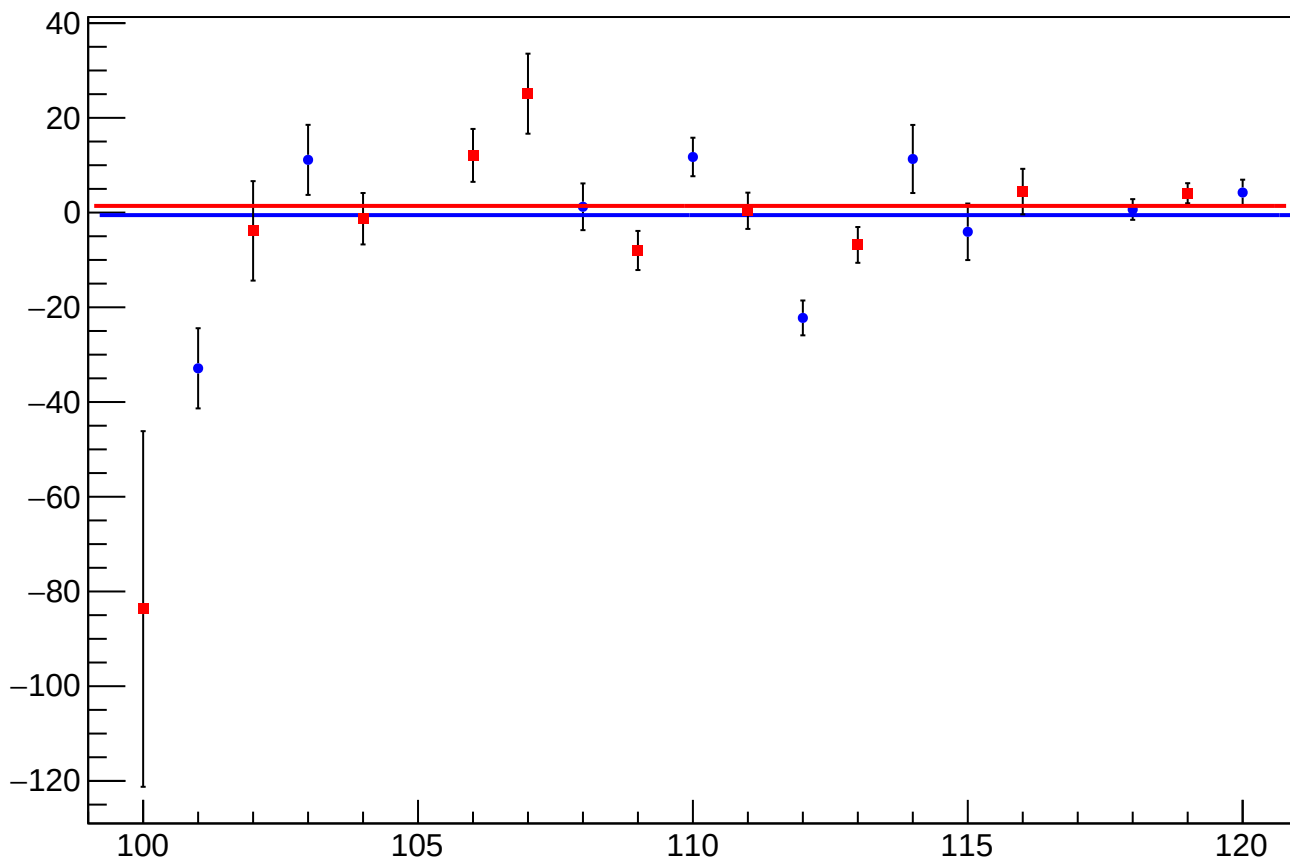
Right: -14.161+/-0.891 χ^2/NDF : 4437.2/18

In: -20.124+/-1.289 χ^2/NDF : 1833.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.161+/-0.891 χ^2/NDF : 4437.2/18

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.536+/-1.290 χ^2/NDF : 67.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.408+/-1.345 χ^2/NDF : 29.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

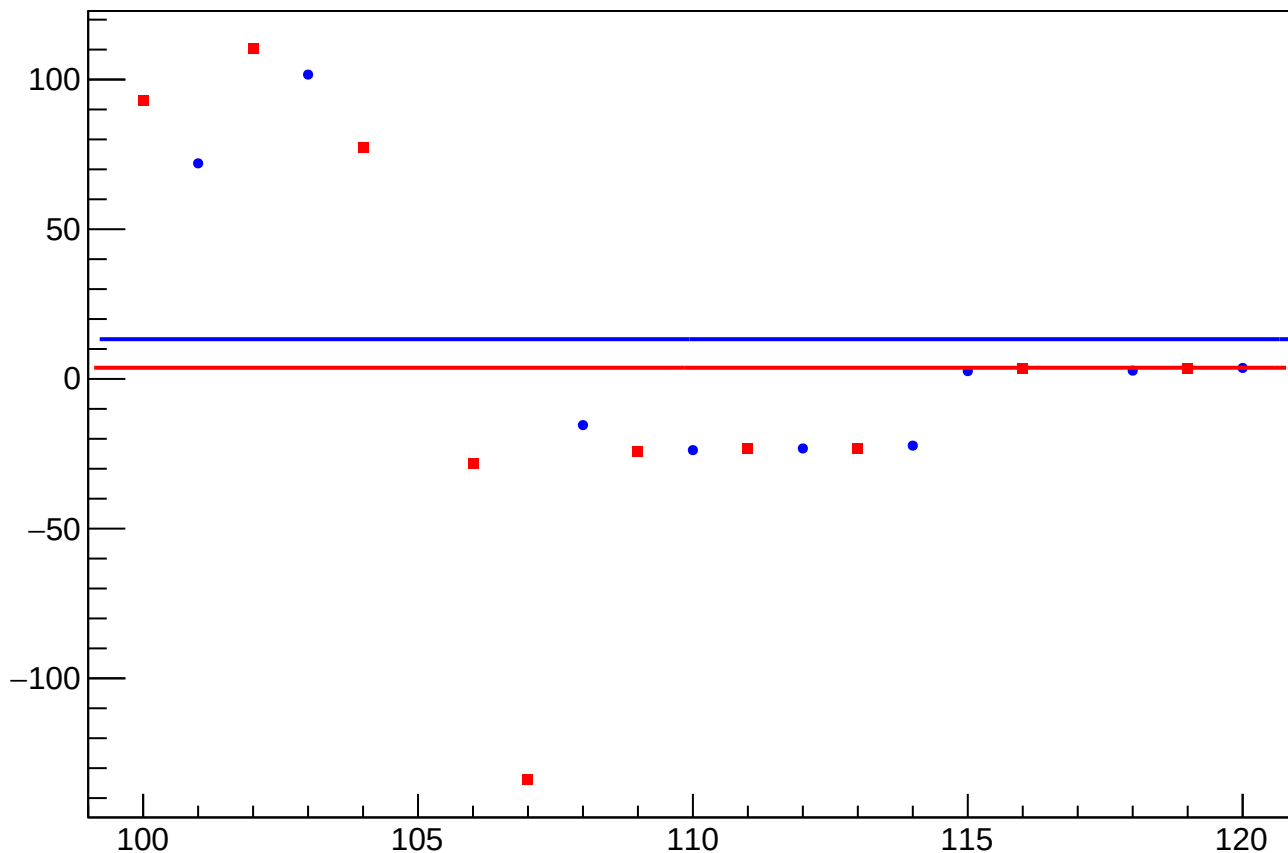
Right: 0.395+/-0.931 χ^2/NDF : 97.9/18

In: -0.536+/-1.290 χ^2/NDF : 67.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.395+/-0.931 χ^2/NDF : 97.9/18

reg_asym_us_dd_at1lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 13.271+/-0.083 χ^2/NDF : 306799.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.738+/-0.080 χ^2/NDF : 446098.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

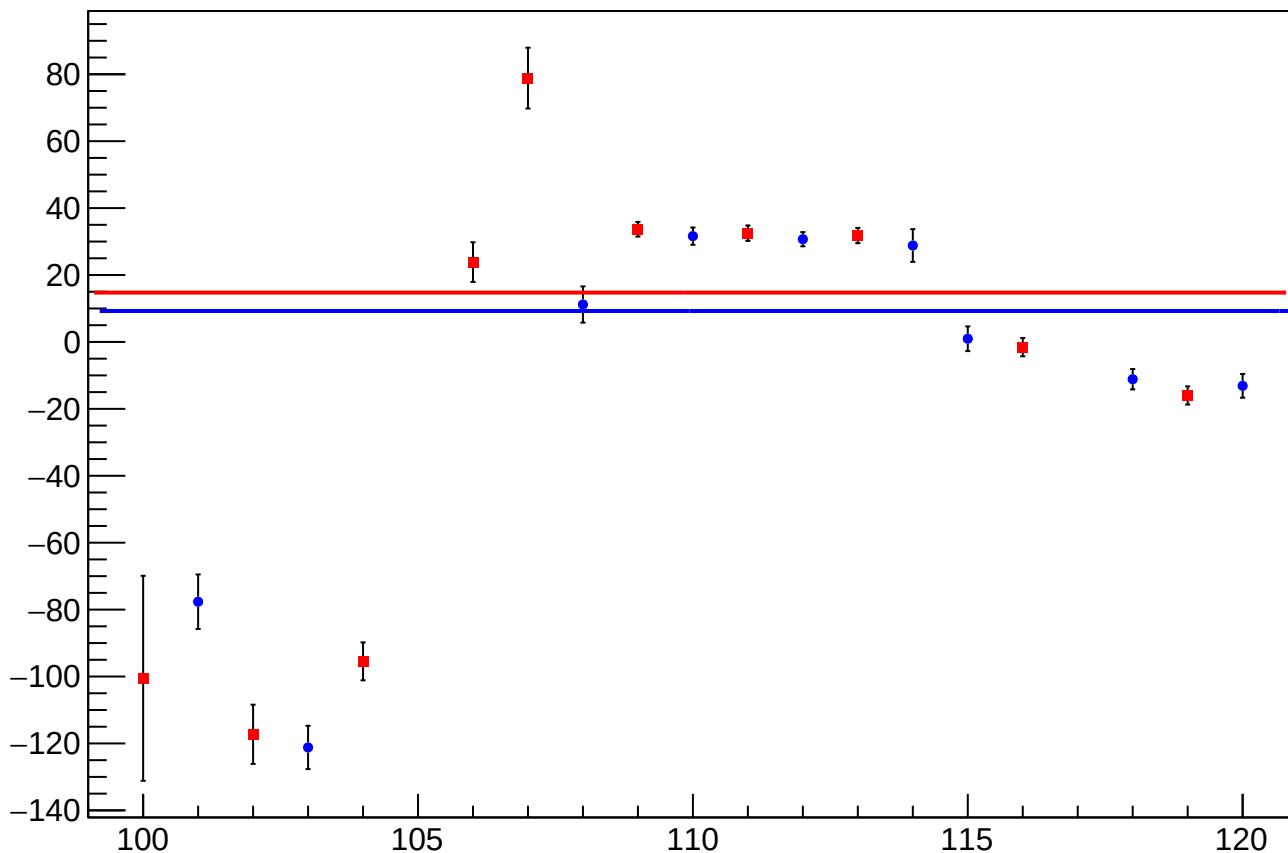
Right: 8.317+/-0.058 χ^2/NDF : 759718.5/18

In: 13.271+/-0.083 χ^2/NDF : 306799.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.317+/-0.058 χ^2/NDF : 759718.5/18

reg_asym_us_dd_at1lr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 9.245+/-1.156 χ^2/NDF : 803.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.752+/-1.030 χ^2/NDF : 1019.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

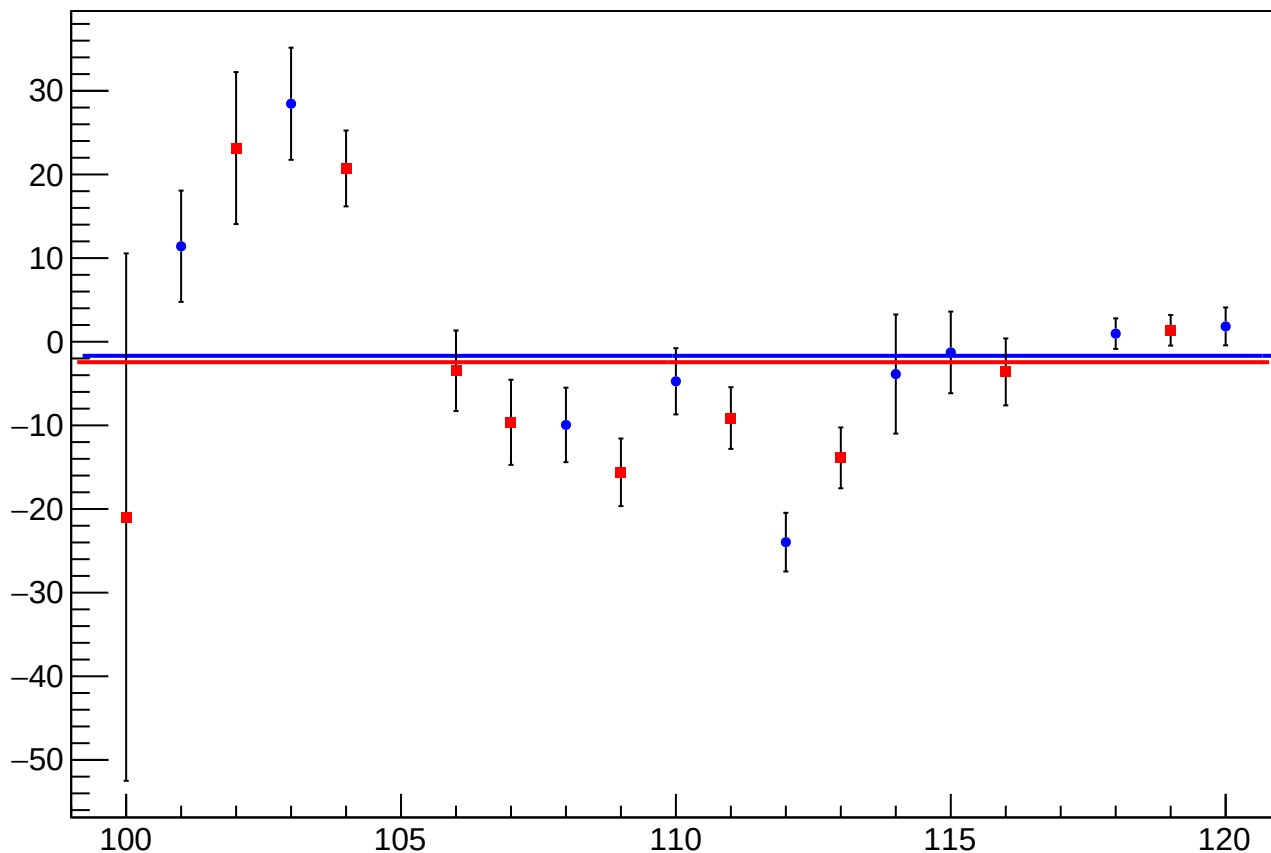
Right: 12.315+/-0.769 χ^2/NDF : 1835.7/18

In: 9.245+/-1.156 χ^2/NDF : 803.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.315+/-0.769 χ^2/NDF : 1835.7/18

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.682+/-1.120 χ^2/NDF : 73.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.445+/-1.183 χ^2/NDF : 64.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

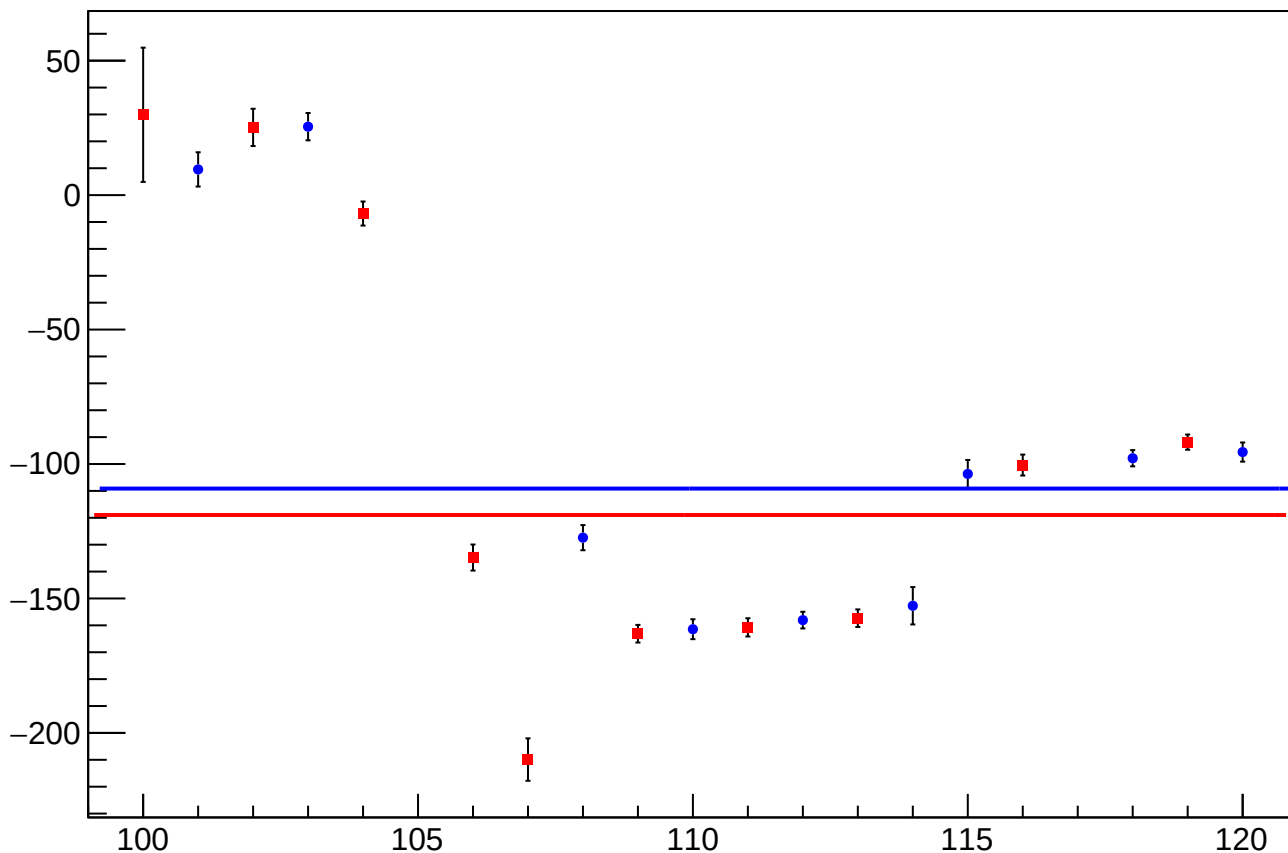
Right: -2.042+/-0.813 χ^2/NDF : 138.0/18

In: -1.682+/-1.120 χ^2/NDF : 73.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.042+/-0.813 χ^2/NDF : 138.0/18

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -109.129+/-1.371 χ^2 /NDF: 1581.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -118.956+/-1.295 χ^2 /NDF: 1824.4/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

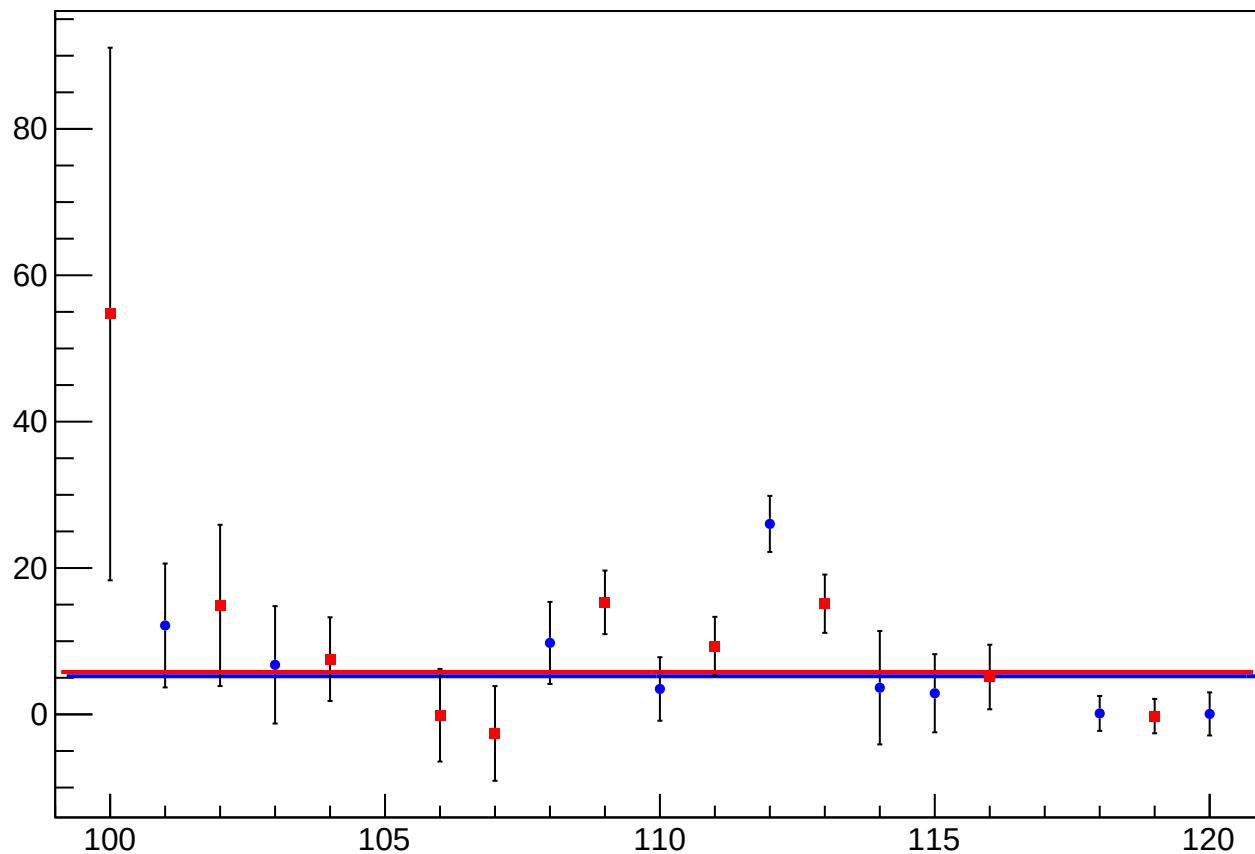
Right: -114.319+/-0.941 χ^2 /NDF: 3433.0/18

In: -109.129+/-1.371 χ^2 /NDF:1581.4/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -114.319+/-0.941 χ^2 /NDF: 3433.0/18

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.209+/-1.380 χ^2/NDF : 38.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.790+/-1.416 χ^2/NDF : 22.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

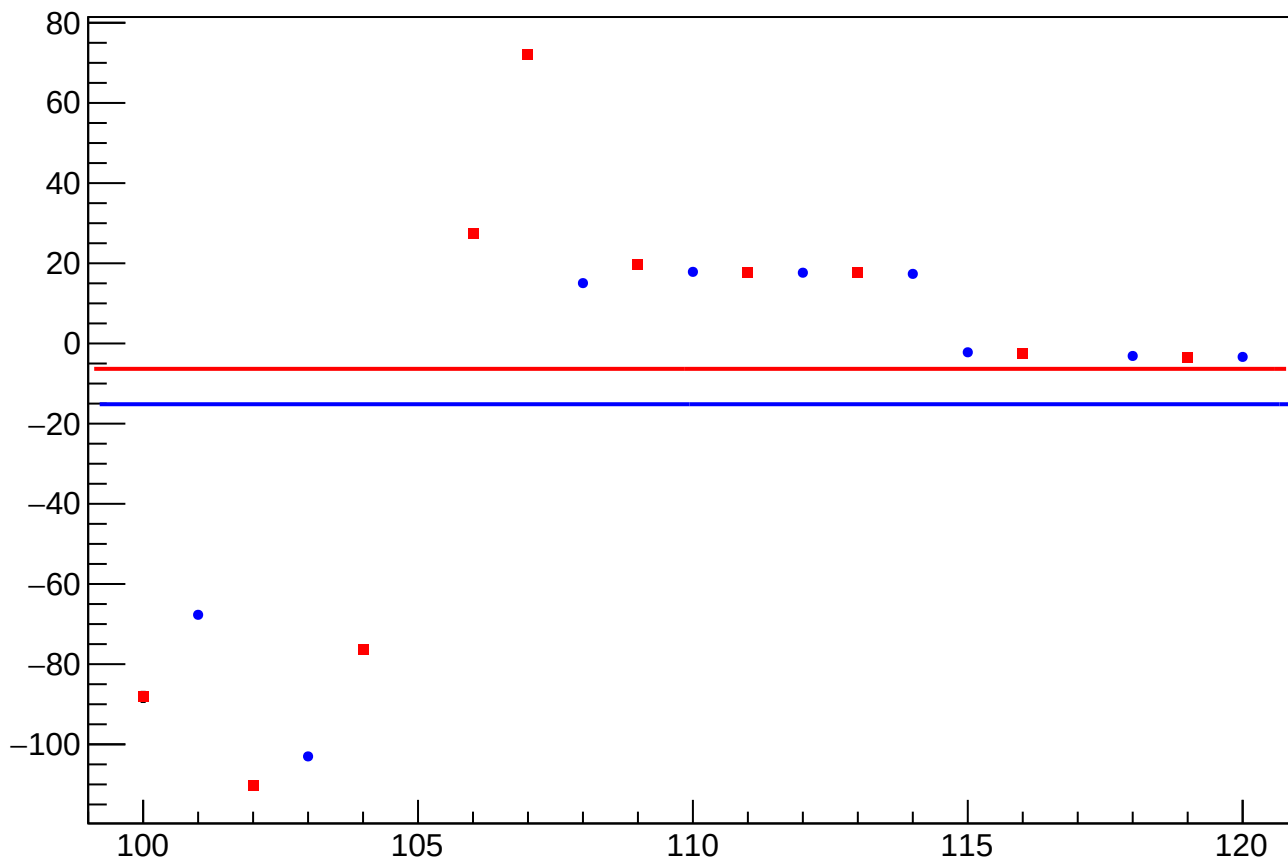
Right: 5.492+/-0.988 χ^2/NDF : 61.8/18

In: 5.209+/-1.380 χ^2/NDF : 38.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.492+/-0.988 χ^2/NDF : 61.8/18

reg_asym_us_dd_at1lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -15.157+/-0.090 χ^2/NDF : 253062.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -6.331+/-0.084 χ^2/NDF : 338748.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

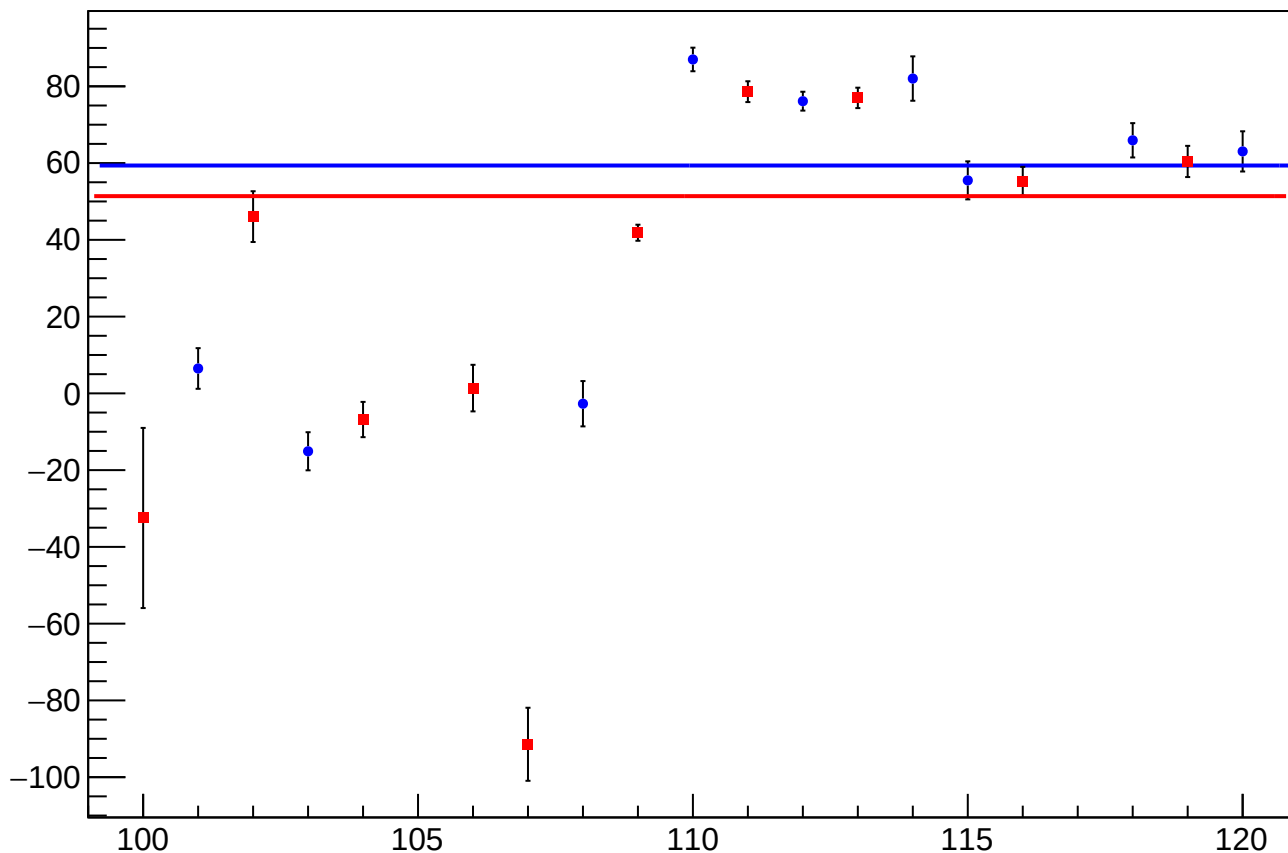
Right: -10.474+/-0.061 χ^2/NDF : 596959.3/18

In: -15.157+/-0.090 χ^2/NDF :253062.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -10.474+/-0.061 χ^2/NDF : 596959.3/18

reg_asym_us_dd_at2lr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 59.365+/-1.369 χ^2/NDF : 581.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.387+/-1.156 χ^2/NDF : 687.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

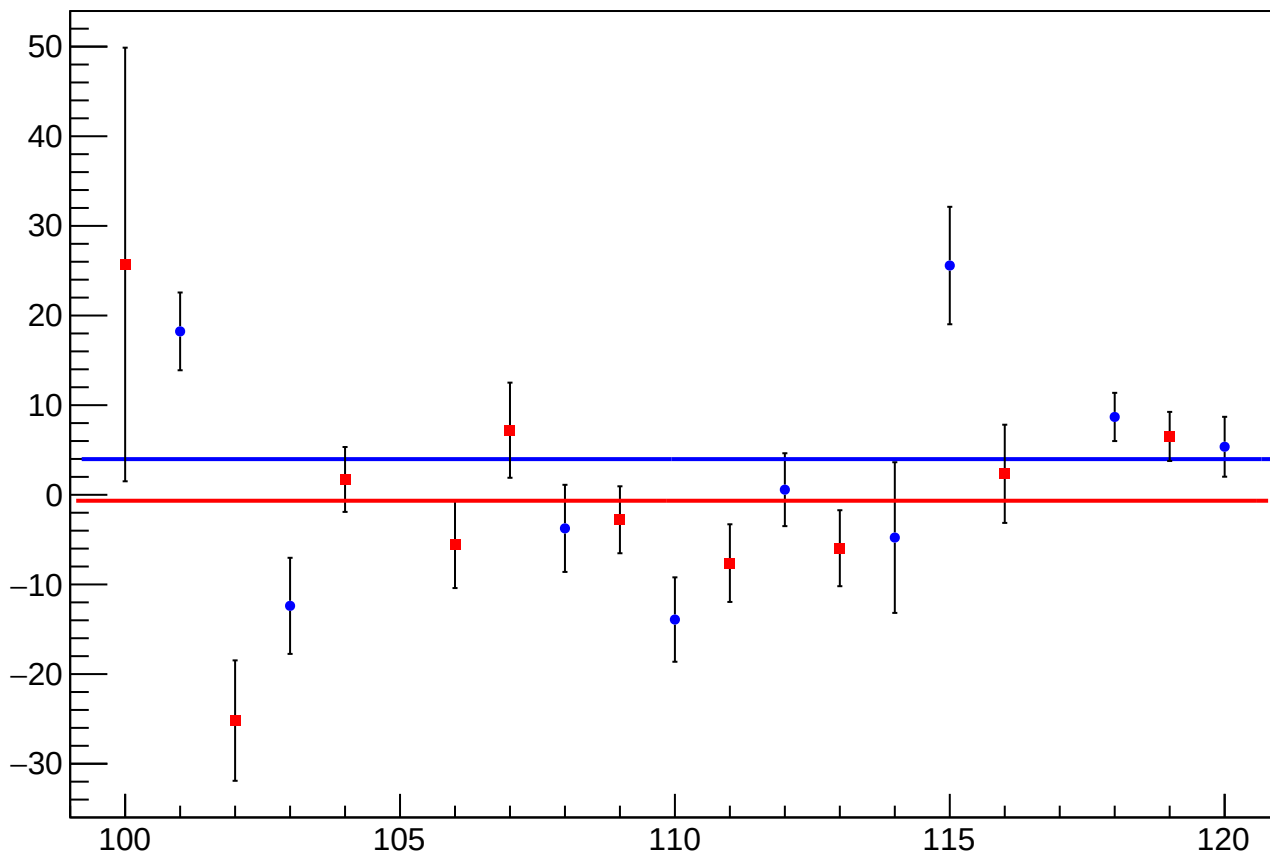
Right: 54.708+/-0.883 χ^2/NDF : 1288.3/18

In: 59.365+/-1.369 χ^2/NDF : 581.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.708+/-0.883 χ^2/NDF : 1288.3/18

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.981+/-1.413 χ^2/NDF : 53.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.661+/-1.380 χ^2/NDF : 29.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

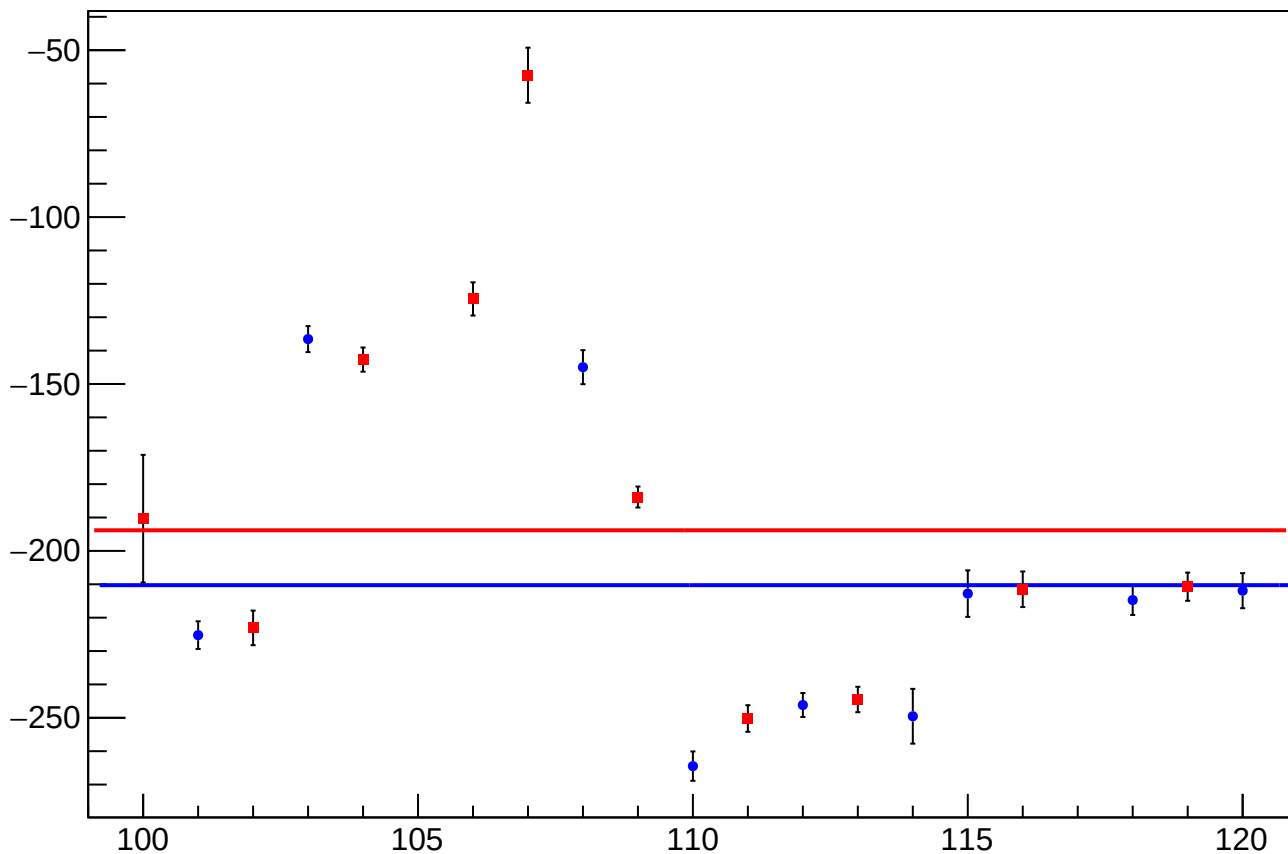
Right: 1.607+/-0.987 χ^2/NDF : 88.3/18

In: 3.981+/-1.413 χ^2/NDF : 53.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.607+/-0.987 χ^2/NDF : 88.3/18

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -210.267+/-1.555 χ^2/NDF : 810.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -193.822+/-1.421 χ^2/NDF : 1111.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

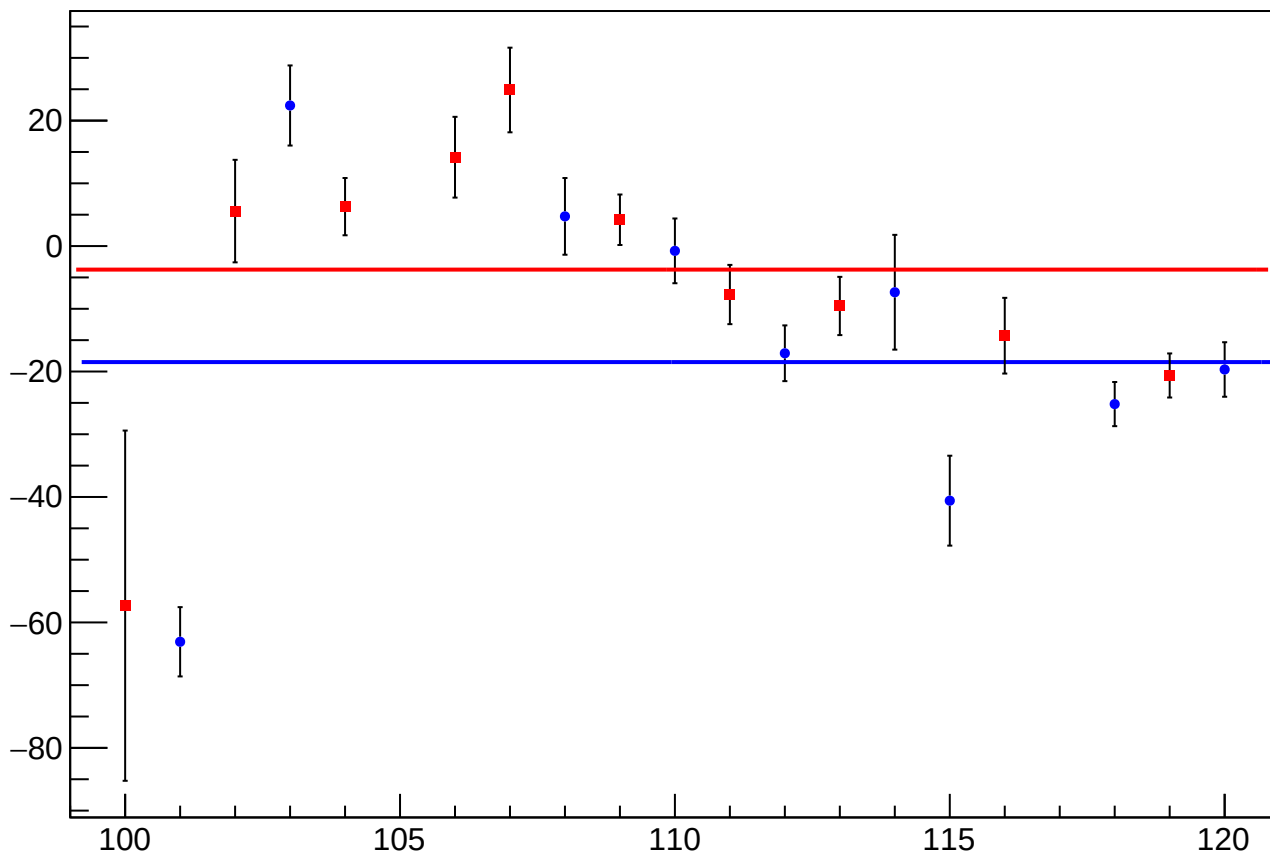
Right: -201.303+/-1.049 χ^2/NDF : 1983.0/18

In: -210.267+/-1.555 χ^2/NDF : 810.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -201.303+/-1.049 χ^2/NDF : 1983.0/18

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -18.496 $\pm$ 1.722 χ^2 /NDF: 147.2/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.752 $\pm$ 1.640 χ^2 /NDF: 67.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

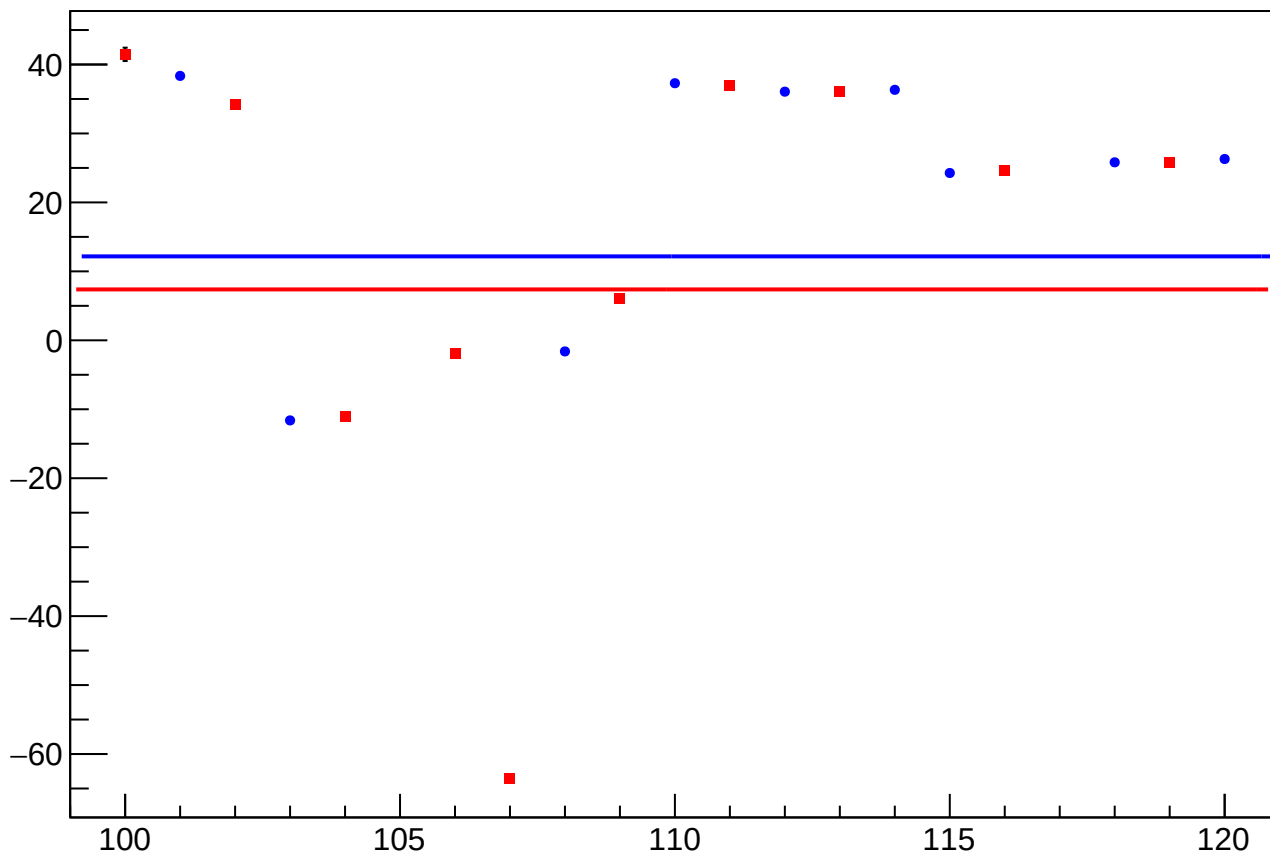
Right: -10.765 $\pm$ 1.187 χ^2 /NDF: 253.5/18

In: -18.496 $\pm$ 1.722 χ^2 /NDF:147.2/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -10.765 $\pm$ 1.187 χ^2 /NDF: 253.5/18

reg_asym_us_dd_at2lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 12.173+/-0.092 χ^2/NDF : 53552.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.380+/-0.085 χ^2/NDF : 96491.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

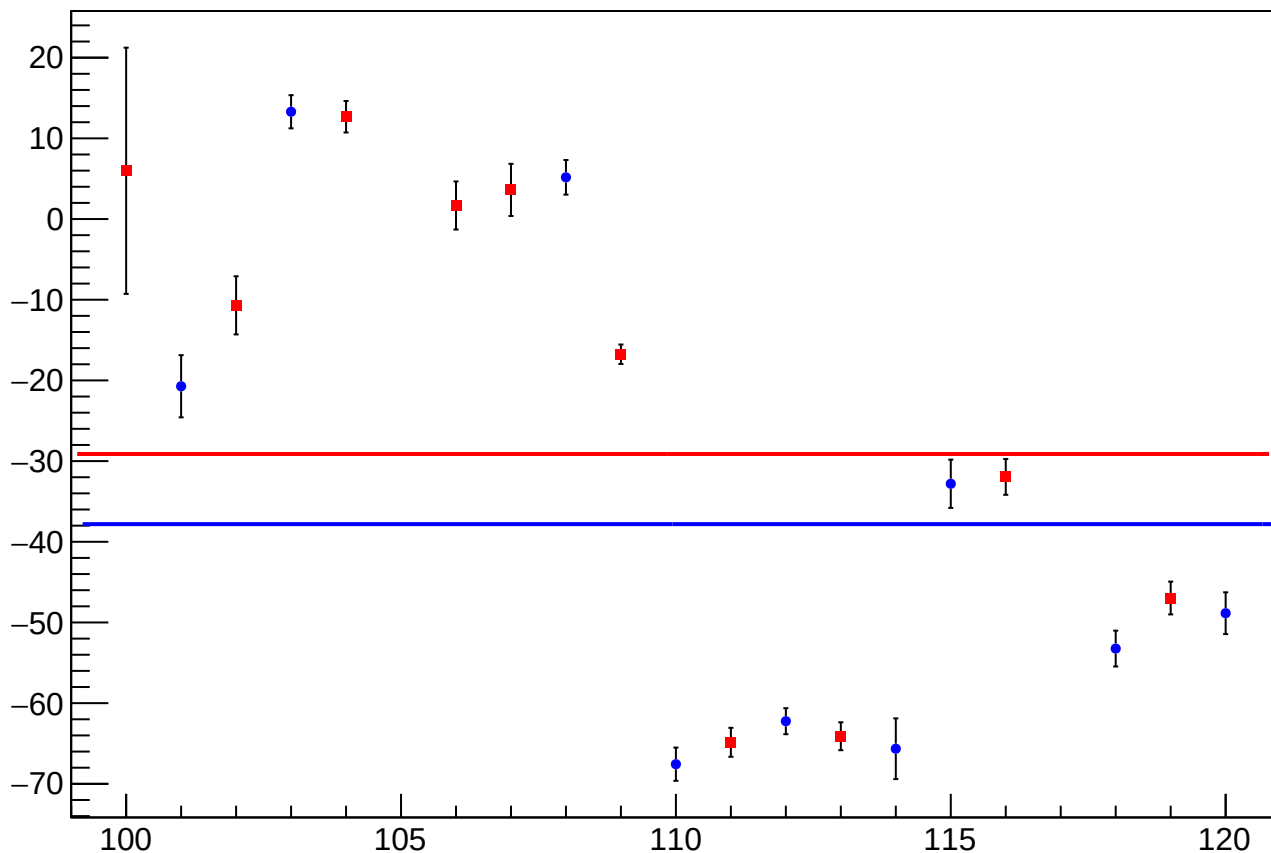
Right: 9.567+/-0.062 χ^2/NDF : 151511.3/18

In: 12.173+/-0.092 χ^2/NDF : 53552.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.567+/-0.062 χ^2/NDF : 151511.3/18

reg_asym_us_dd_at2lr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -37.813+/-0.773 χ^2/NDF : 1600.8/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -29.119+/-0.655 χ^2/NDF : 1689.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

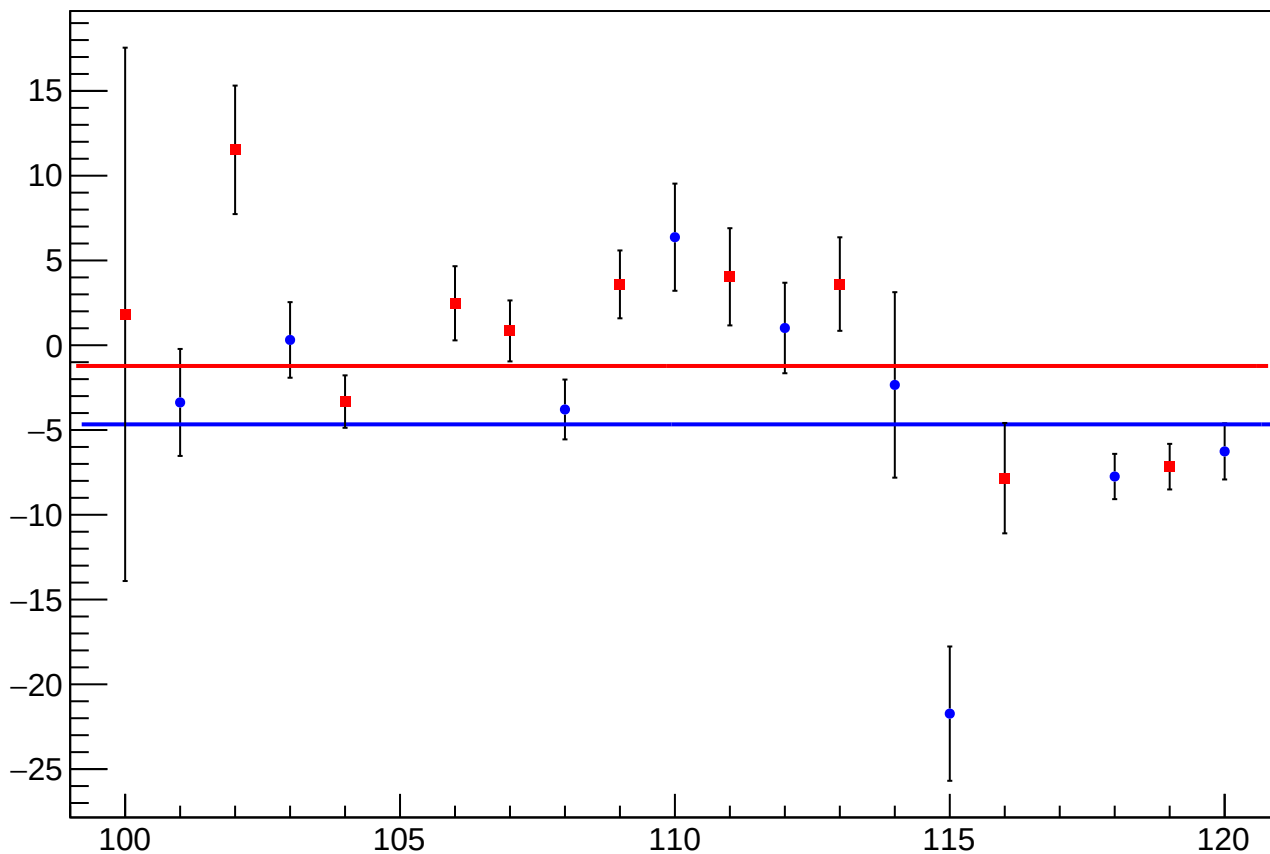
Right: -32.753+/-0.500 χ^2/NDF : 3364.2/18

In: -37.813+/-0.773 χ^2/NDF :1600.8/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -32.753+/-0.500 χ^2/NDF : 3364.2/18

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.667 $\pm$ 0.728 χ^2 /NDF: 47.1/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.223 $\pm$ 0.680 χ^2 /NDF: 53.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

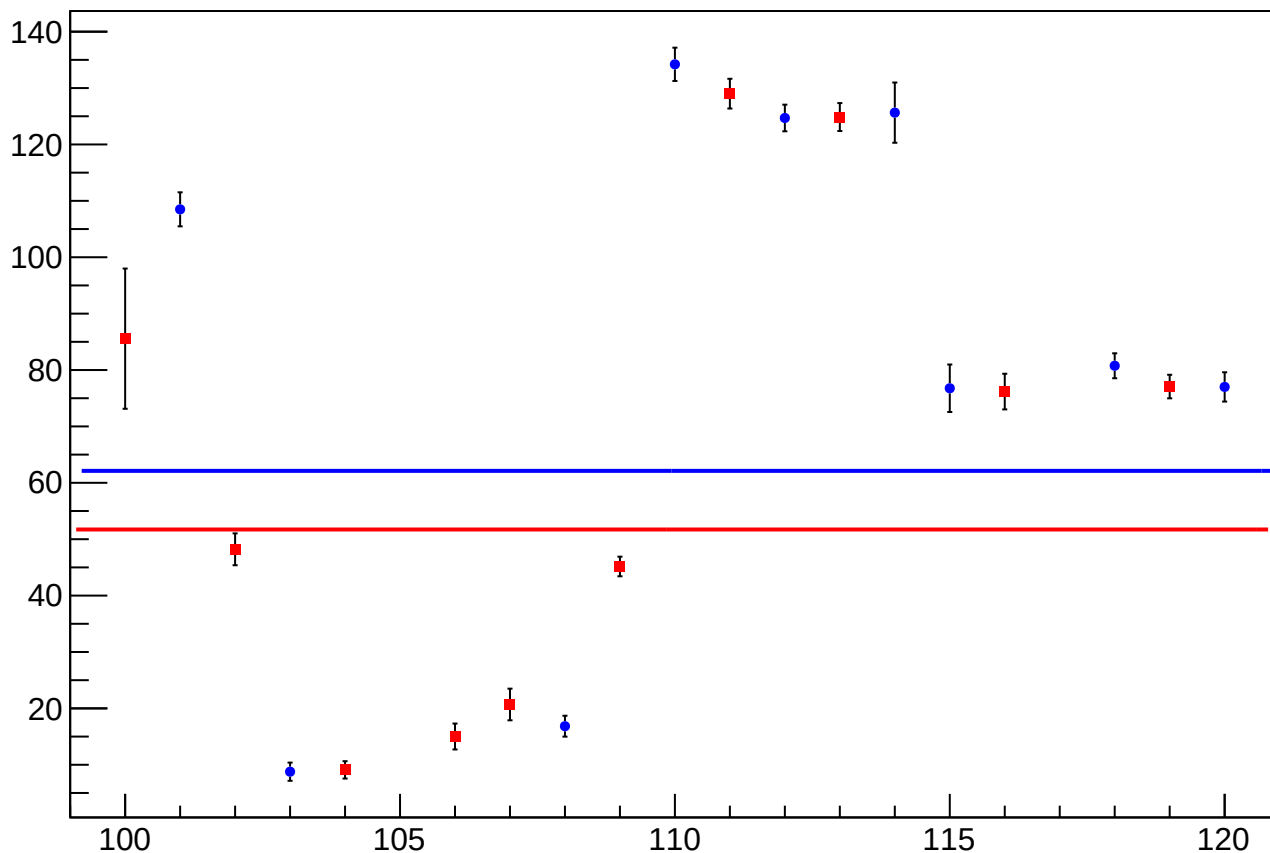
Right: -2.829 $\pm$ 0.497 χ^2 /NDF: 112.3/18

In: -4.667 $\pm$ 0.728 χ^2 /NDF:47.1/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.829 $\pm$ 0.497 χ^2 /NDF: 112.3/18

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 62.119+/-0.810 χ^2/NDF : 3481.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.722+/-0.738 χ^2/NDF : 3106.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

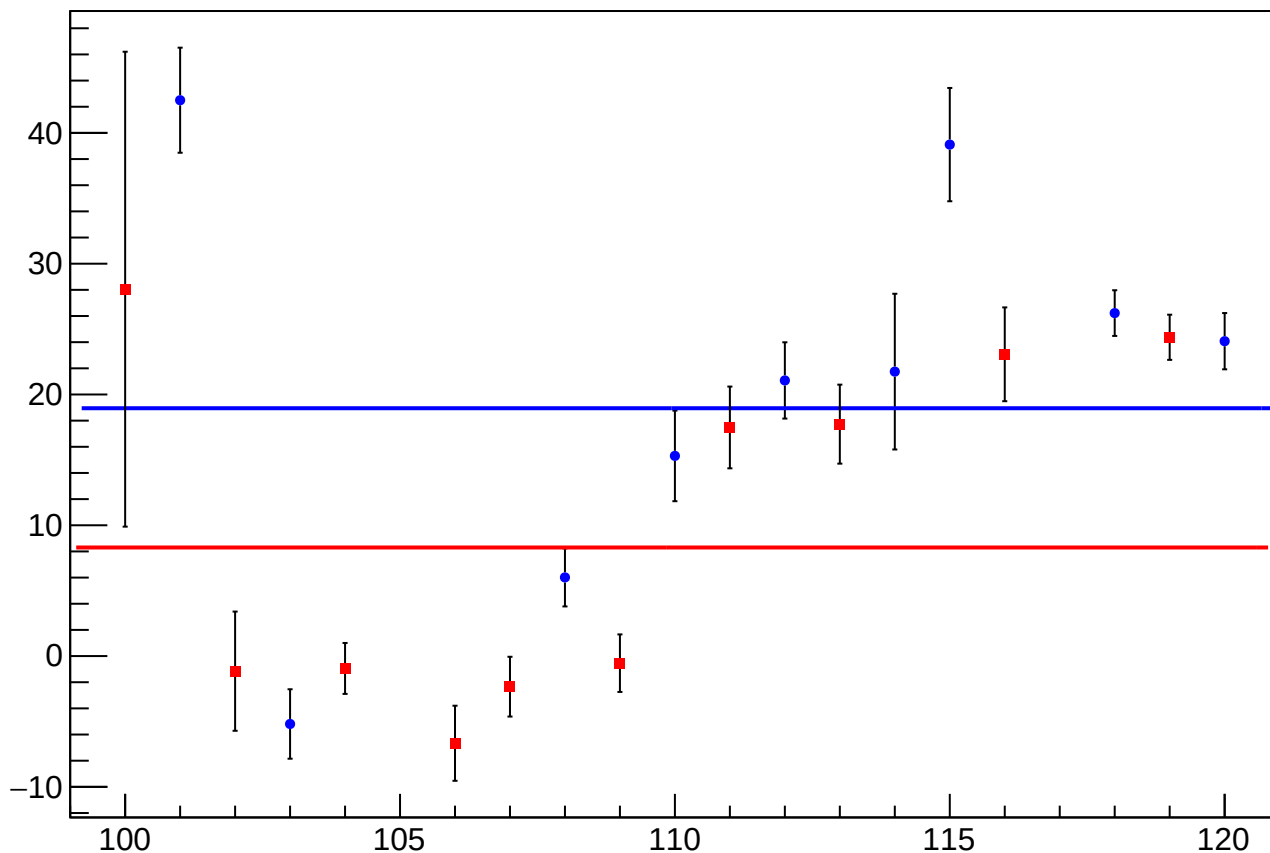
Right: 56.434+/-0.546 χ^2/NDF : 6678.0/18

In: 62.119+/-0.810 χ^2/NDF : 3481.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.434+/-0.546 χ^2/NDF : 6678.0/18

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 18.949+/-0.900 χ^2/NDF : 197.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.301+/-0.828 χ^2/NDF : 215.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

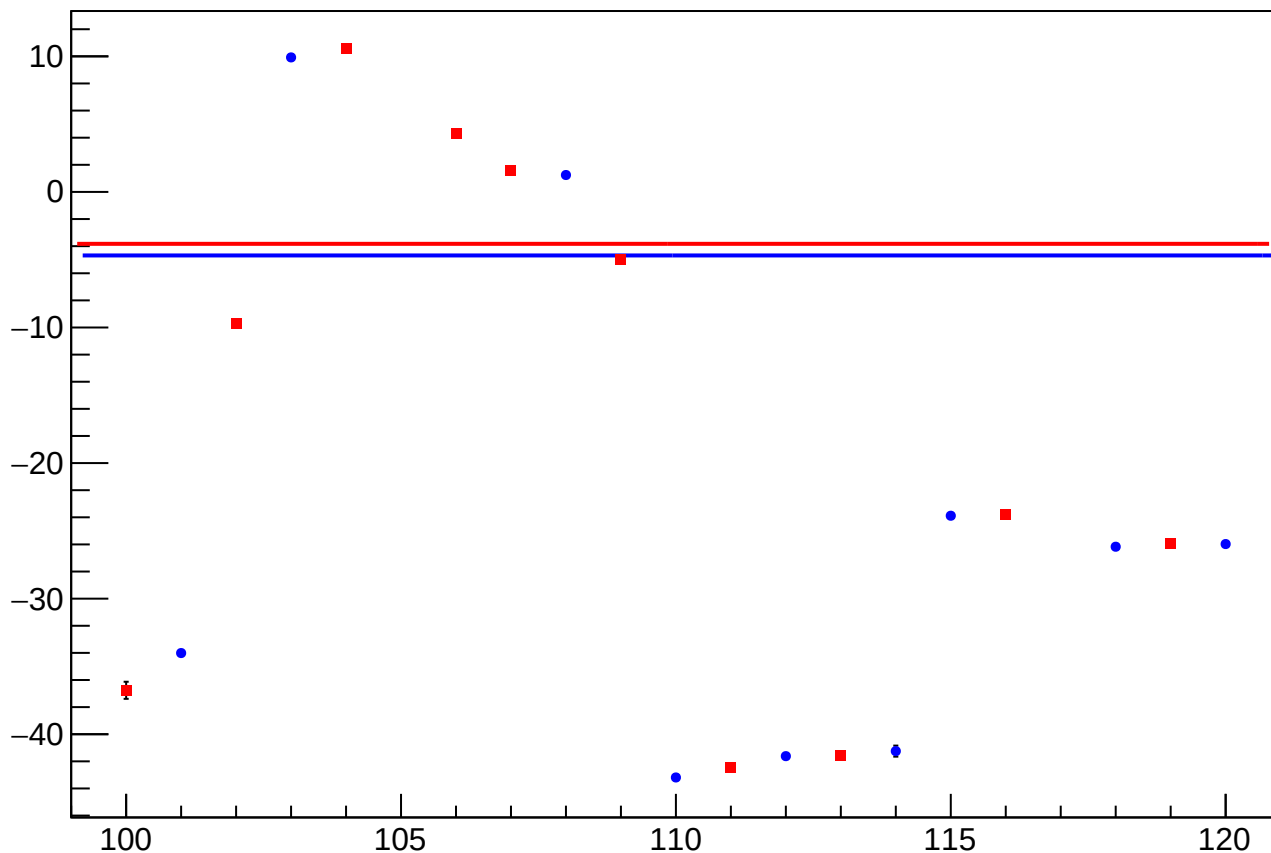
Right: 13.178+/-0.609 χ^2/NDF : 488.5/18

In: 18.949+/-0.900 χ^2/NDF : 197.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.178+/-0.609 χ^2/NDF : 488.5/18

reg_asym_us_dd_at2lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -4.686+/-0.043 χ^2/NDF : 182311.1/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.829+/-0.041 χ^2/NDF : 149874.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

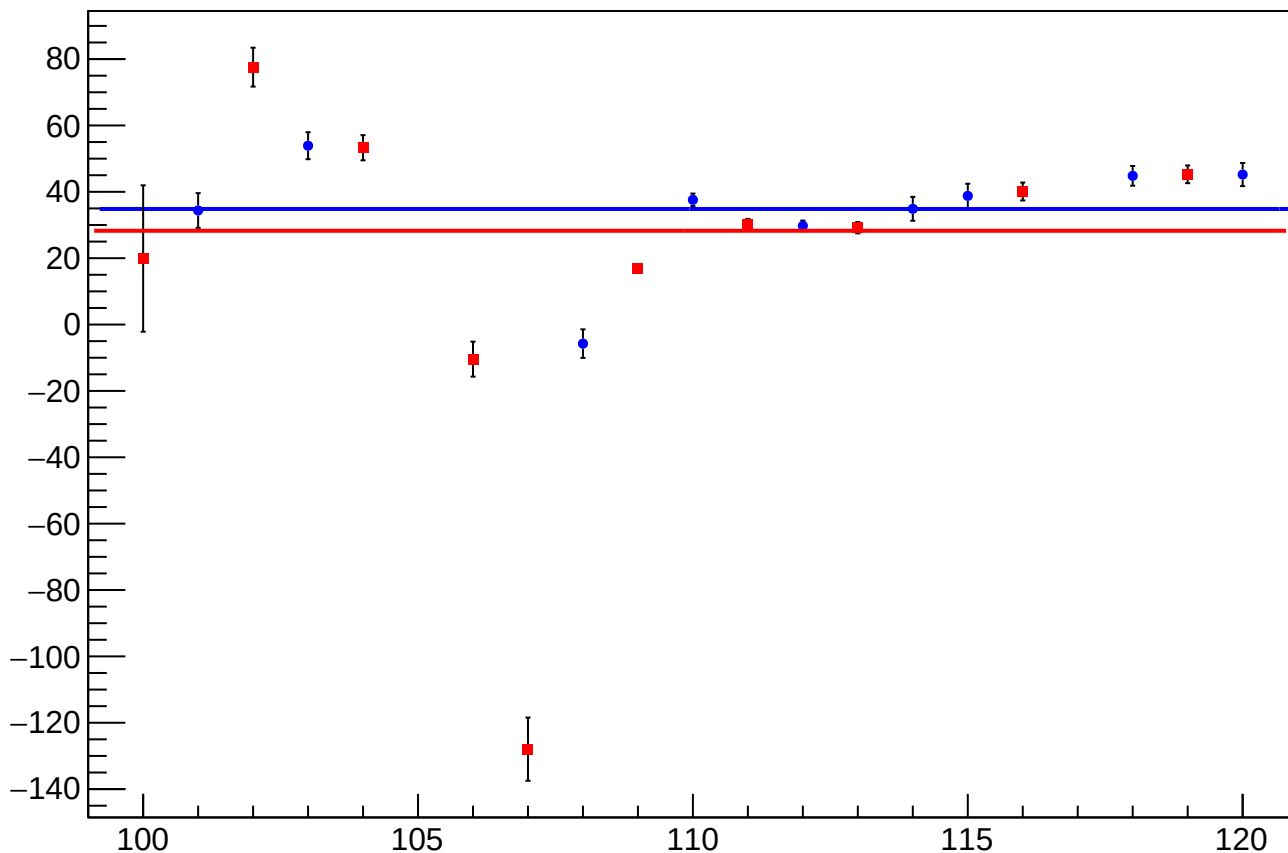
Right: -4.242+/-0.030 χ^2/NDF : 332392.8/18

In: -4.686+/-0.043 χ^2/NDF :182311.1/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.242+/-0.030 χ^2/NDF : 332392.8/18

reg_asym_us_dd_atlr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 34.833+/-0.924 χ^2 /NDF: 144.3/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 28.260+/-0.804 χ^2 /NDF: 554.3/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

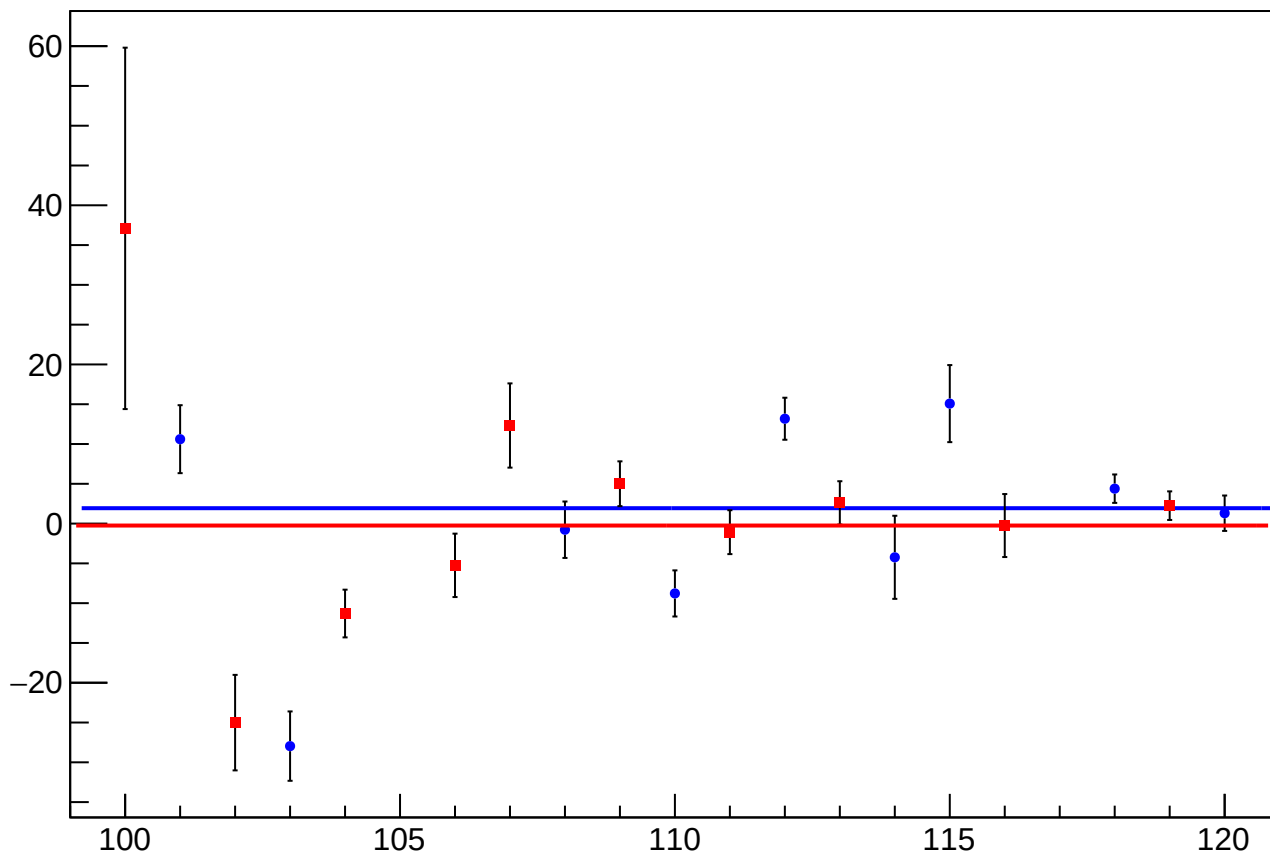
Right: 31.092+/-0.606 χ^2 /NDF: 727.3/18

In: 34.833+/-0.924 χ^2 /NDF:144.3/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 31.092+/-0.606 χ^2 /NDF: 727.3/18

reg_asym_us_dd_atlr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.935+/-0.978 χ^2/NDF : 94.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.245+/-0.997 χ^2/NDF : 47.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

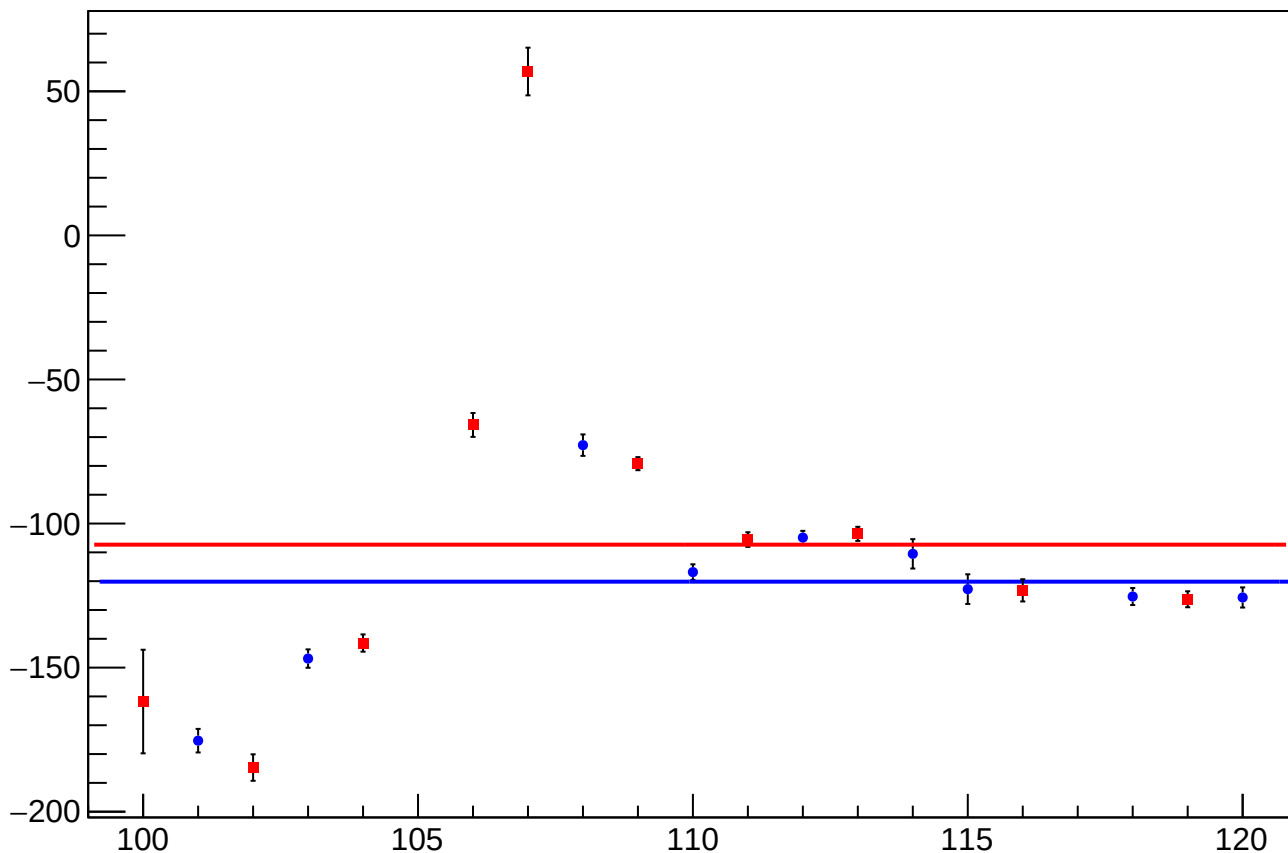
Right: 0.865+/-0.698 χ^2/NDF : 143.9/18

In: 1.935+/-0.978 χ^2/NDF : 94.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.865+/-0.698 χ^2/NDF : 143.9/18

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -120.169+/-1.103 χ^2/NDF : 467.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -107.330+/-1.026 χ^2/NDF : 1136.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

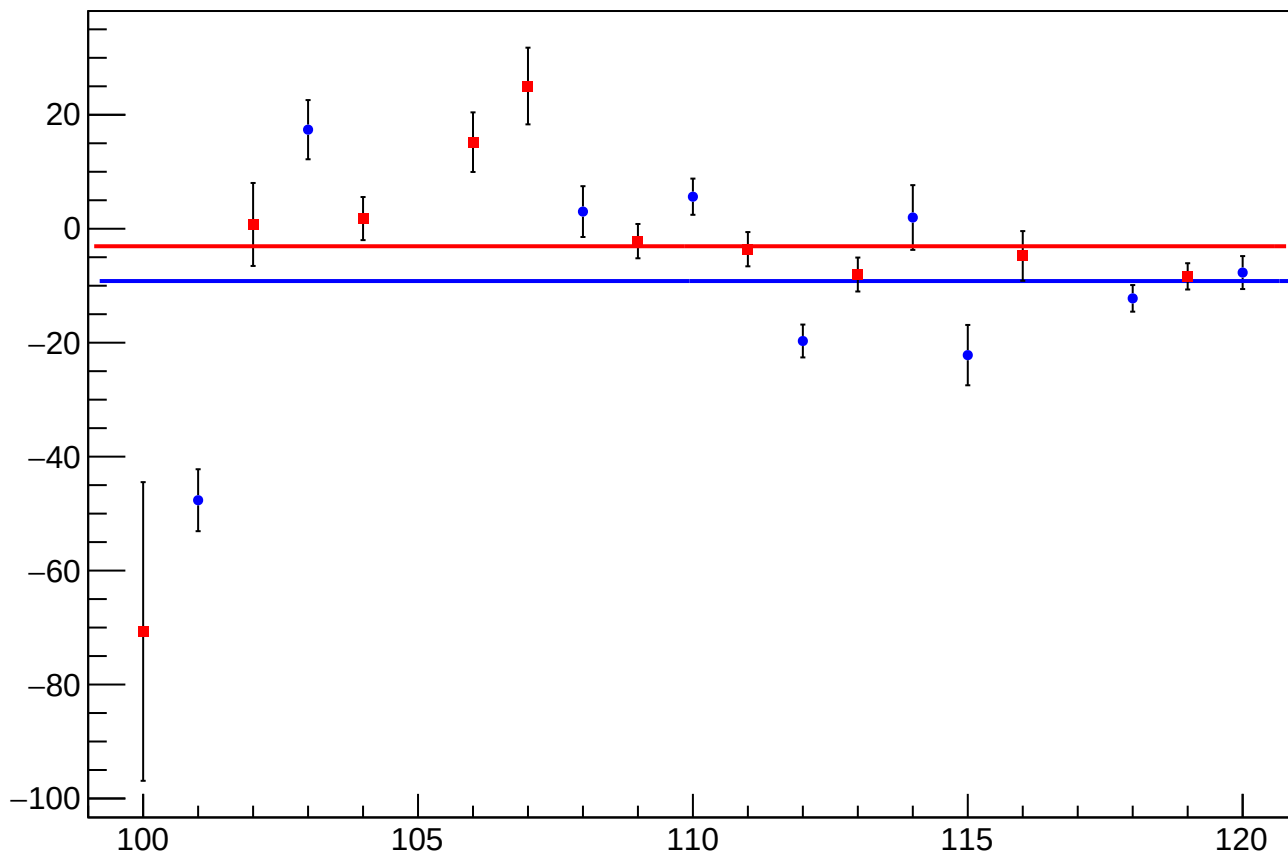
Right: -113.289+/-0.751 χ^2/NDF : 1676.9/18

In: -120.169+/-1.103 χ^2/NDF : 467.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -113.289+/-0.751 χ^2/NDF : 1676.9/18

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -9.180+/-1.187 χ^2 /NDF: 130.6/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -3.072+/-1.176 χ^2 /NDF: 46.5/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

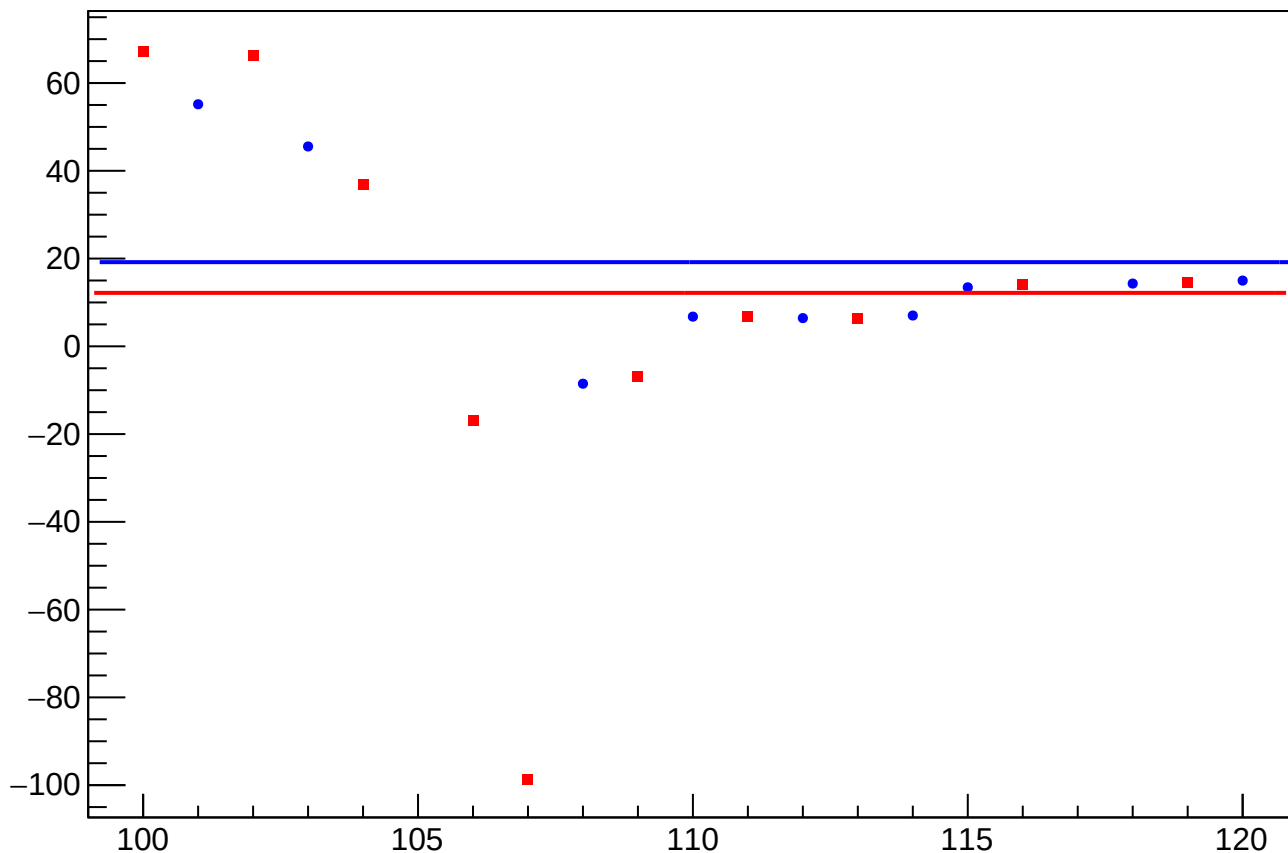
Right: -6.098+/-0.835 χ^2 /NDF: 190.5/18

In: -9.180+/-1.187 χ^2 /NDF:130.6/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -6.098+/-0.835 χ^2 /NDF: 190.5/18

reg_asym_us_dd_atlr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 19.182+/-0.069 χ^2/NDF : 104024.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.181+/-0.066 χ^2/NDF : 250796.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

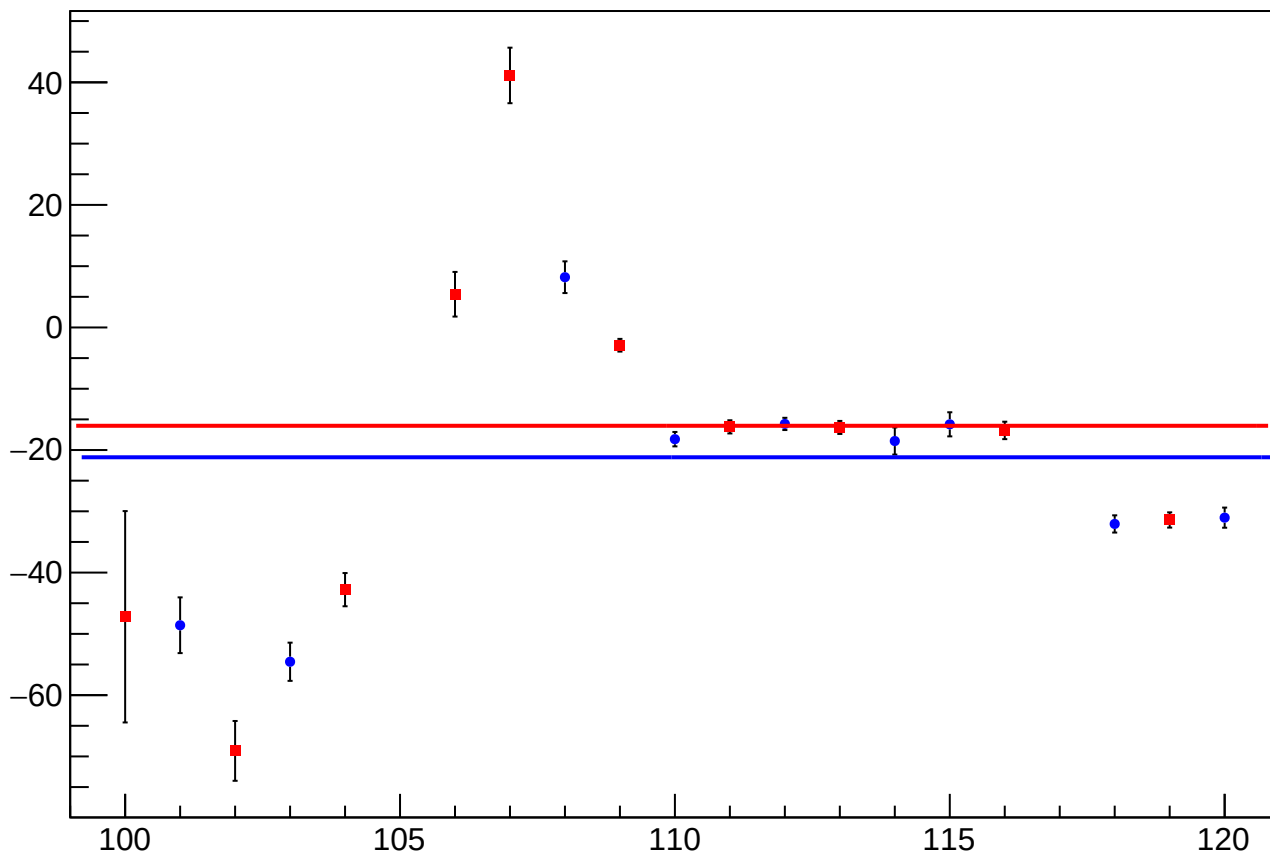
Right: 15.532+/-0.048 χ^2/NDF : 360216.2/18

In: 19.182+/-0.069 χ^2/NDF : 104024.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.532+/-0.048 χ^2/NDF : 360216.2/18

reg_asym_us_dd_atlr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -21.183+/-0.545 χ^2/NDF : 420.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.044+/-0.492 χ^2/NDF : 727.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

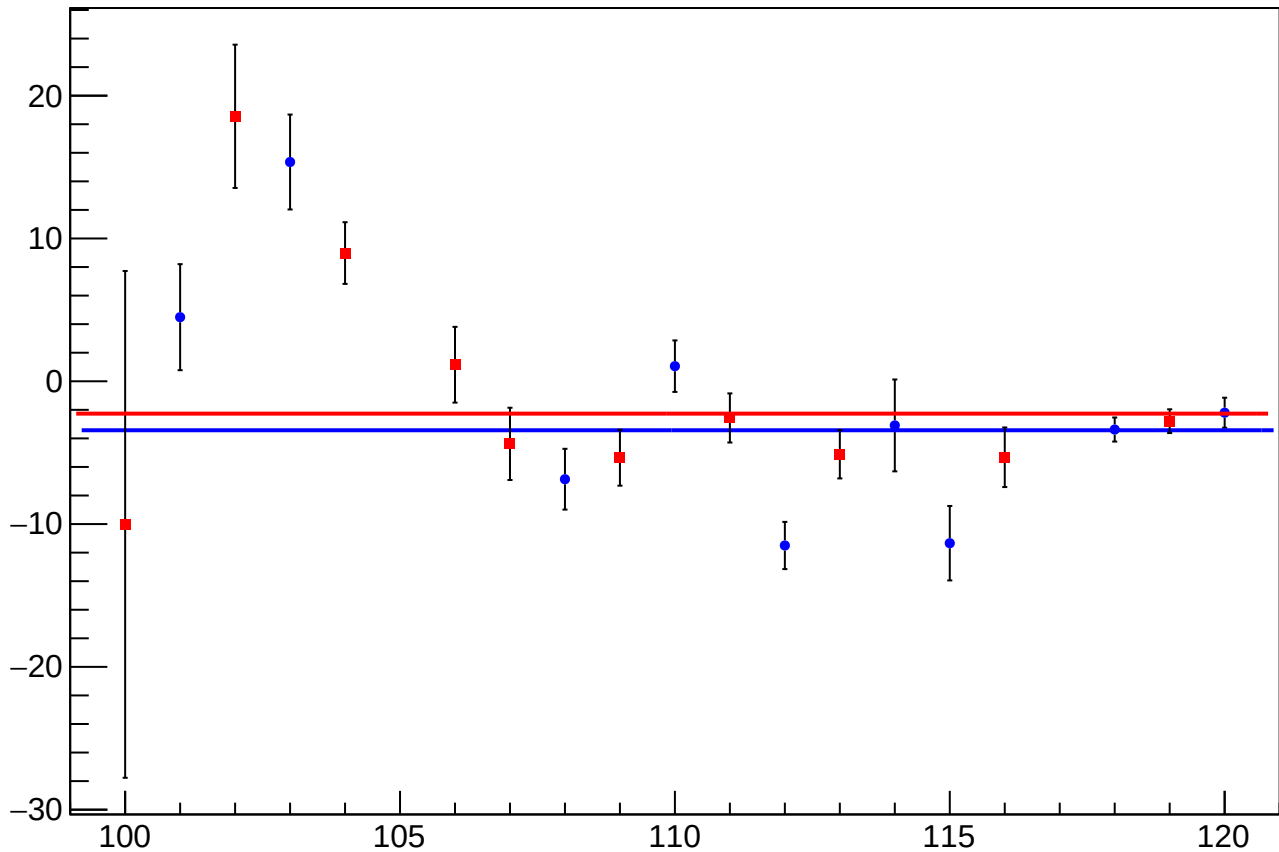
Right: -18.352+/-0.365 χ^2/NDF : 1196.8/18

In: -21.183+/-0.545 χ^2/NDF : 420.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.352+/-0.365 χ^2/NDF : 1196.8/18

reg_asym_us_dd_atlr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.430+/-0.526 χ^2/NDF : 79.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.265+/-0.561 χ^2/NDF : 54.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

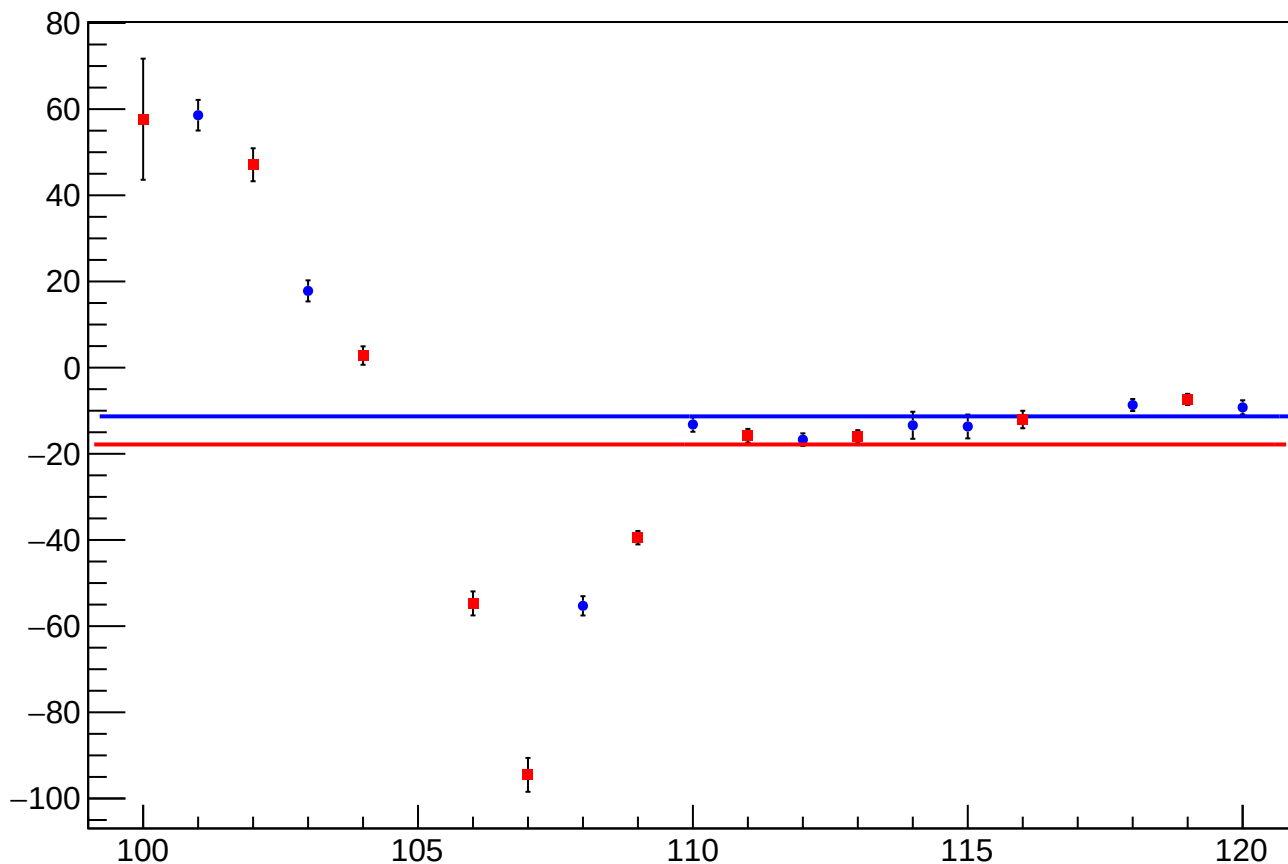
Right: -2.885+/-0.384 χ^2/NDF : 136.8/18

In: -3.430+/-0.526 χ^2/NDF : 79.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.885+/-0.384 χ^2/NDF : 136.8/18

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -11.313+/-0.649 χ^2/NDF : 935.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.833+/-0.623 χ^2/NDF : 1237.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

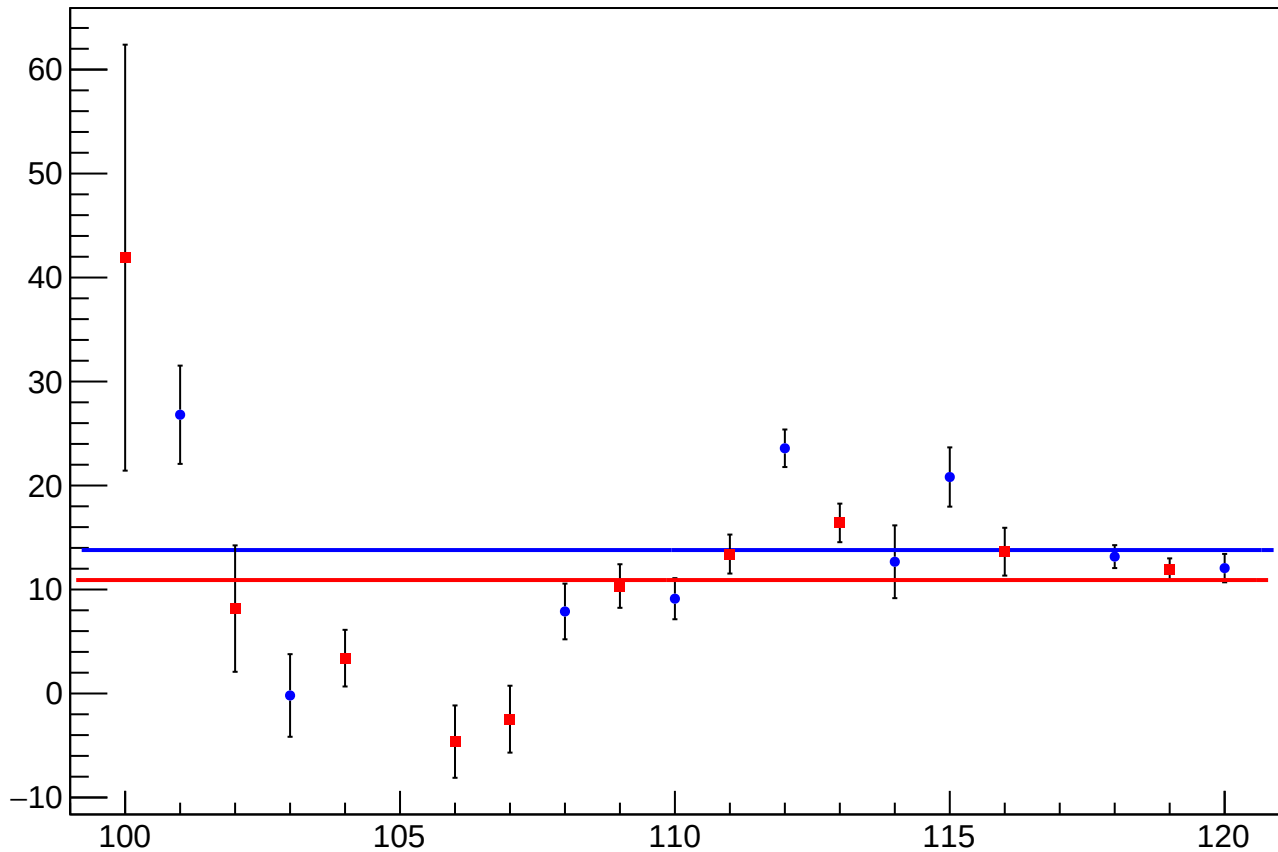
Right: -14.706+/-0.449 χ^2/NDF : 2225.5/18

In: -11.313+/-0.649 χ^2/NDF : 935.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.706+/-0.449 χ^2/NDF : 2225.5/18

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.794 ± 0.649 $\chi^2/\text{NDF}: 68.0/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 10.909 ± 0.672 $\chi^2/\text{NDF}: 60.3/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

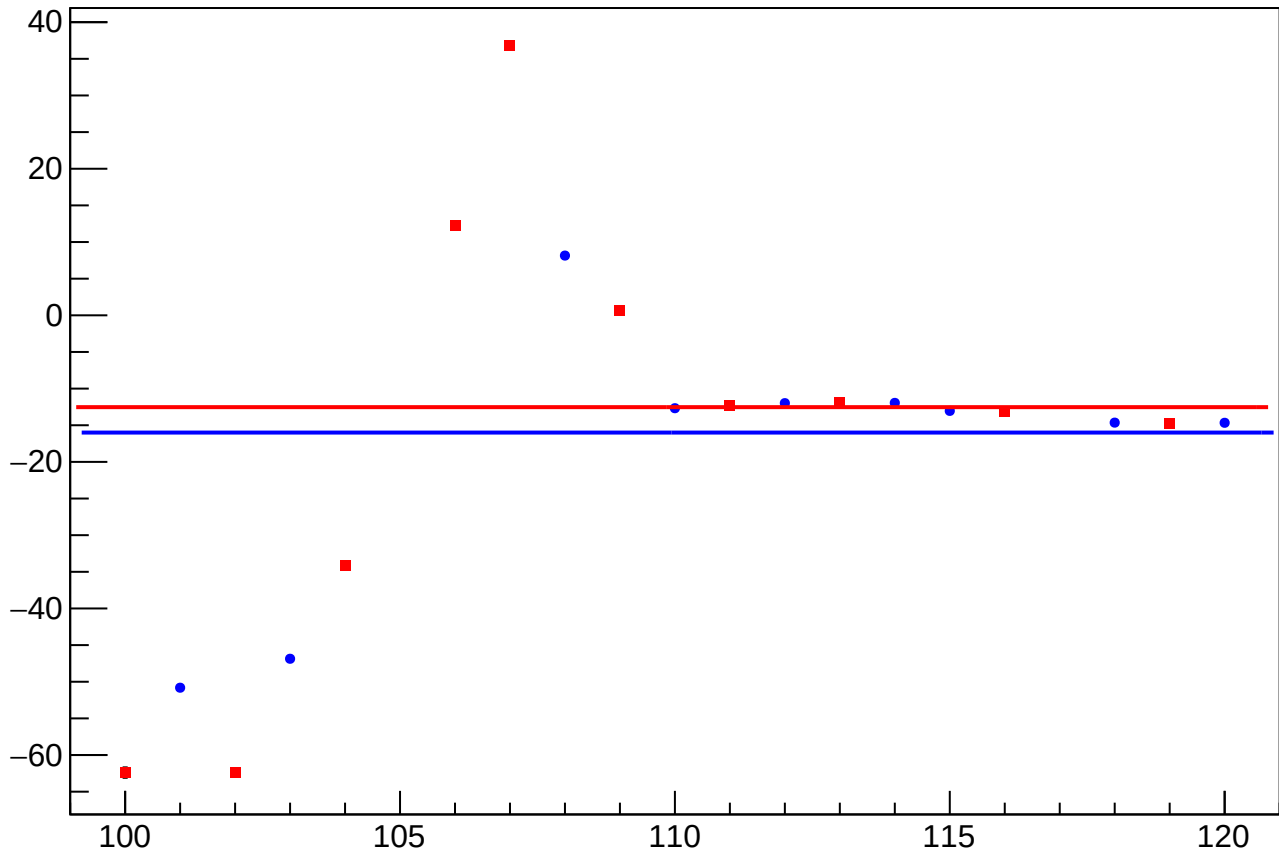
Right: 12.402 ± 0.467 $\chi^2/\text{NDF}: 137.8/18$

In: 13.794 ± 0.649 $\chi^2/\text{NDF}: 68.0/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 12.402 ± 0.467 $\chi^2/\text{NDF}: 137.8/18$

reg_asym_us_dd_atlr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -15.999+/-0.043 χ^2/NDF : 190443.5/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.531+/-0.042 χ^2/NDF : 277079.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

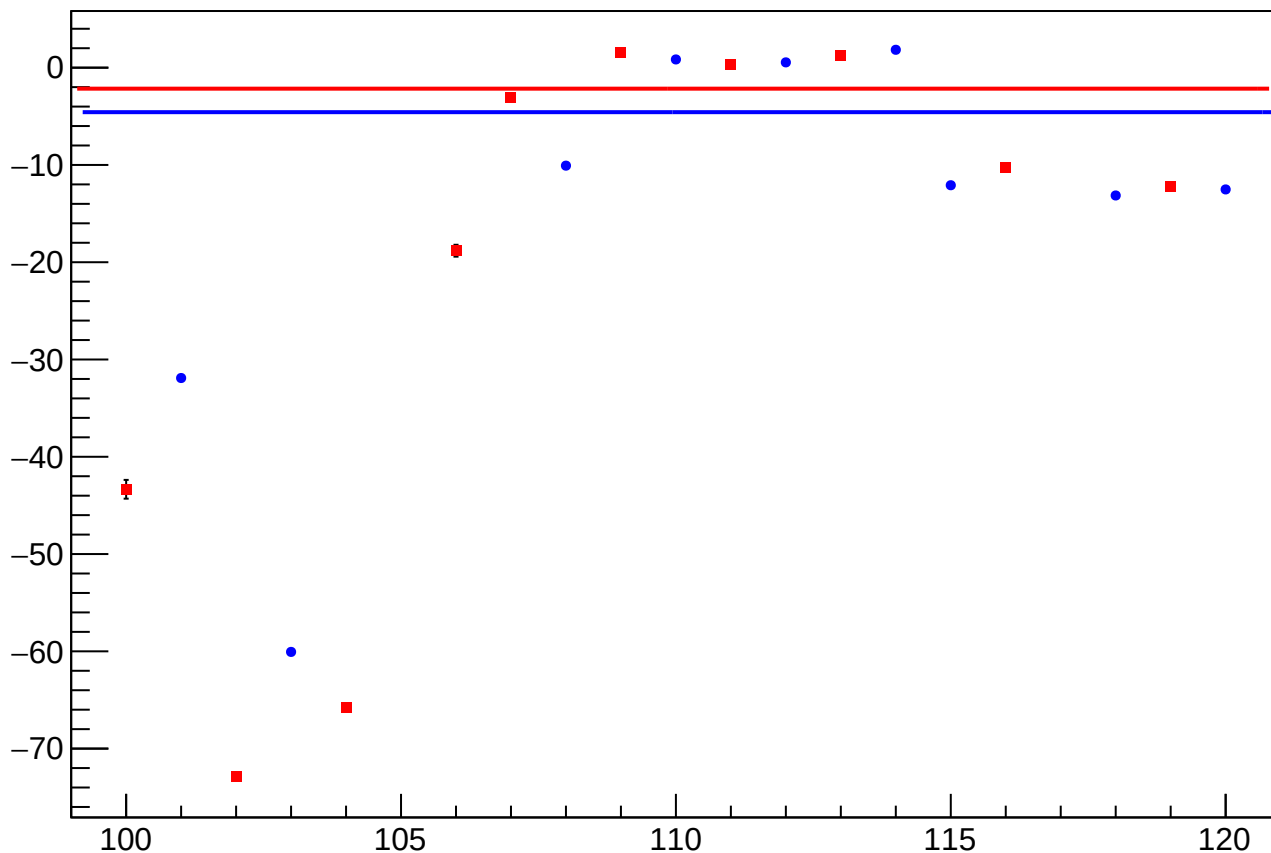
Right: -14.226+/-0.030 χ^2/NDF : 470892.5/18

In: -15.999+/-0.043 χ^2/NDF : 190443.5/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.226+/-0.030 χ^2/NDF : 470892.5/18

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.574+/-0.066 χ^2/NDF : 32700.7/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.158+/-0.053 χ^2/NDF : 50684.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

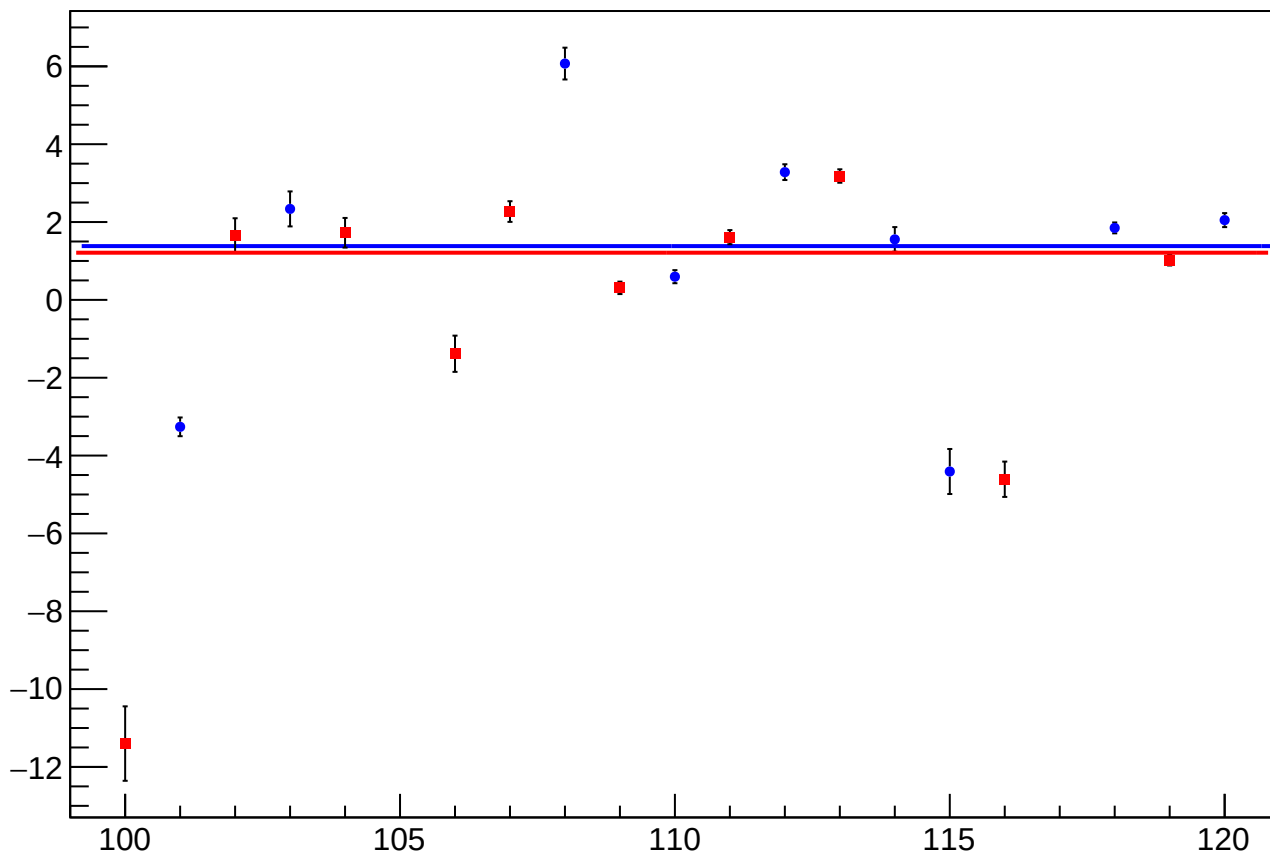
Right: -3.103+/-0.041 χ^2/NDF : 84198.5/18

In: -4.574+/-0.066 χ^2/NDF : 32700.7/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.103+/-0.041 χ^2/NDF : 84198.5/18

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.382 $\pm$ 0.074 χ^2 /NDF: 744.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.212 $\pm$ 0.072 χ^2 /NDF: 557.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

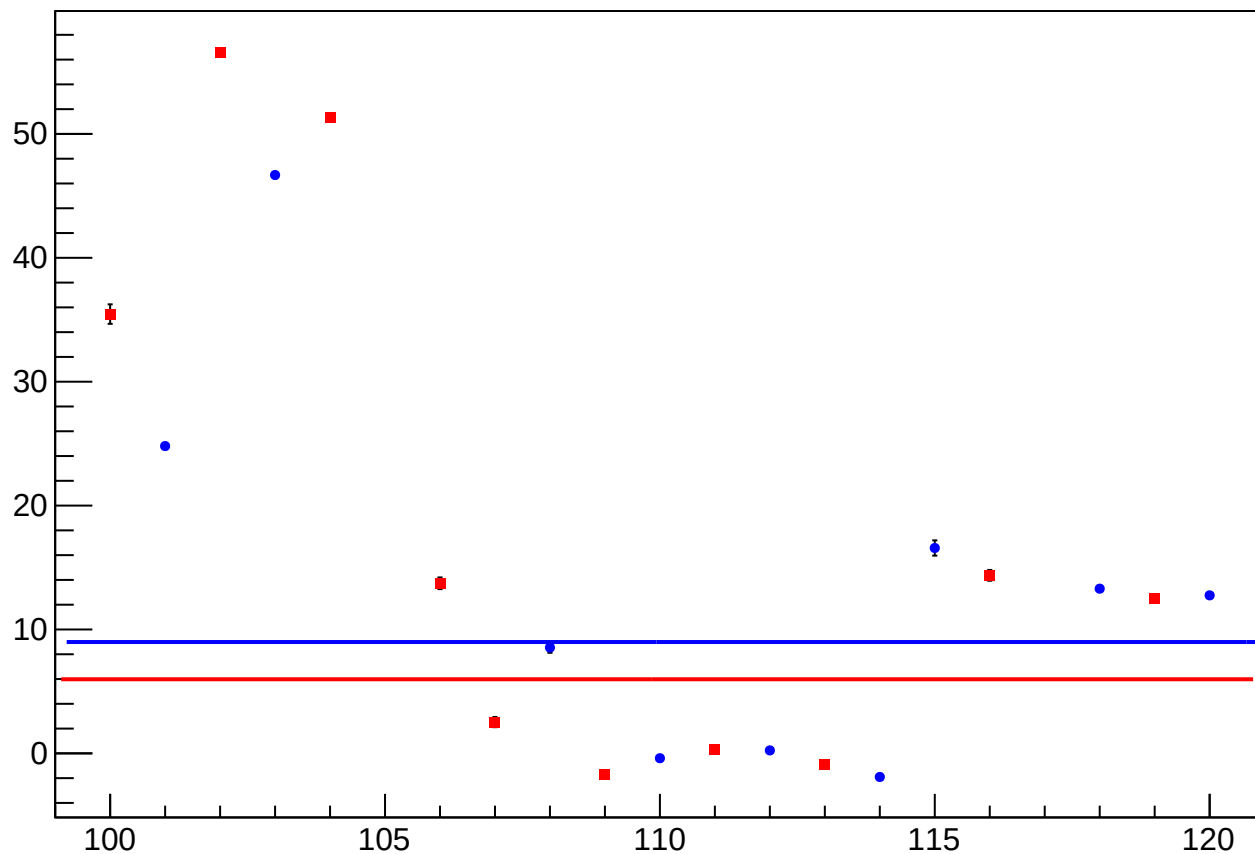
Right: 1.295 $\pm$ 0.052 χ^2 /NDF: 1304.2/18

In: 1.382 $\pm$ 0.074 χ^2 /NDF:744.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.295 $\pm$ 0.052 χ^2 /NDF: 1304.2/18

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 8.988+/-0.082 χ^2/NDF : 24939.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.982+/-0.072 χ^2/NDF : 44253.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

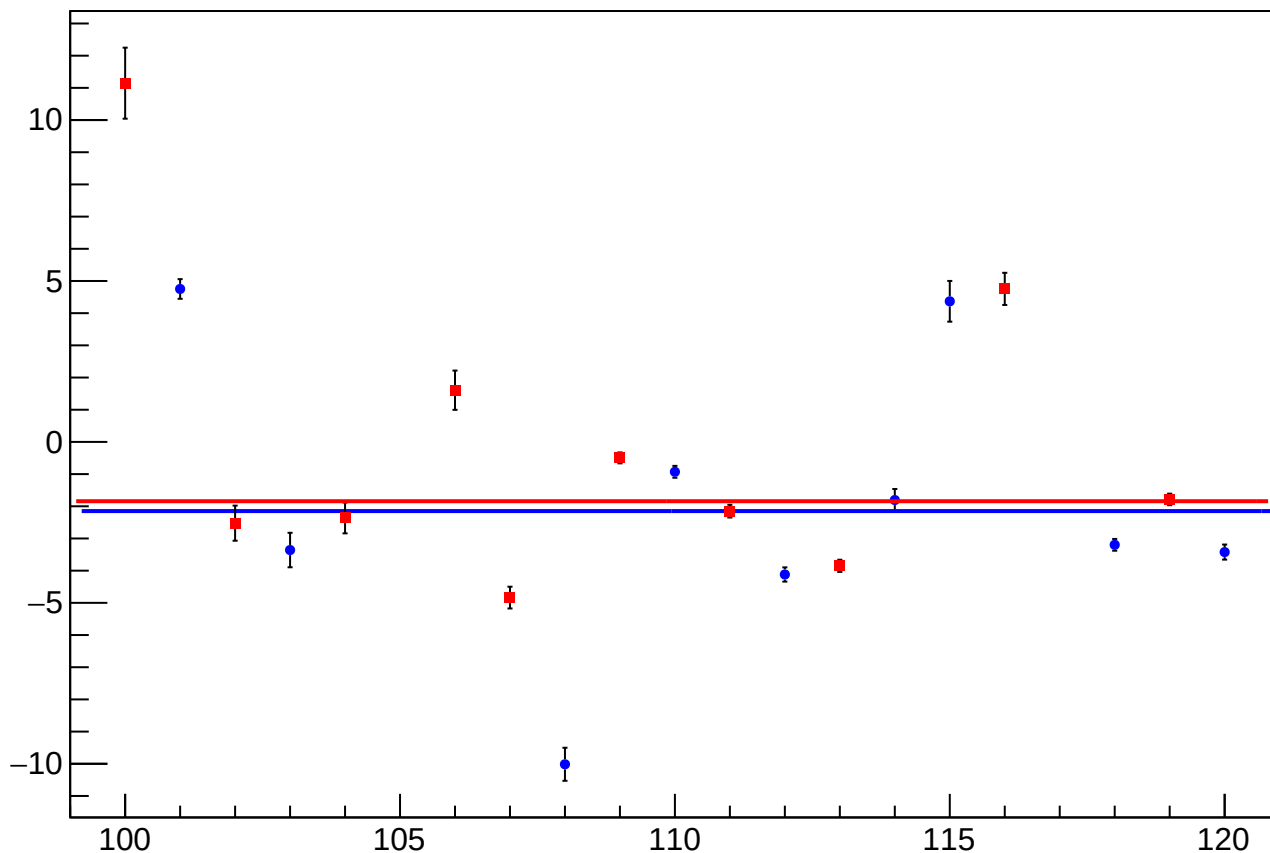
Right: 7.297+/-0.054 χ^2/NDF : 69950.2/18

In: 8.988+/-0.082 χ^2/NDF : 24939.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.297+/-0.054 χ^2/NDF : 69950.2/18

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.149+/-0.089 χ^2/NDF : 1042.6/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.842+/-0.083 χ^2/NDF : 605.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

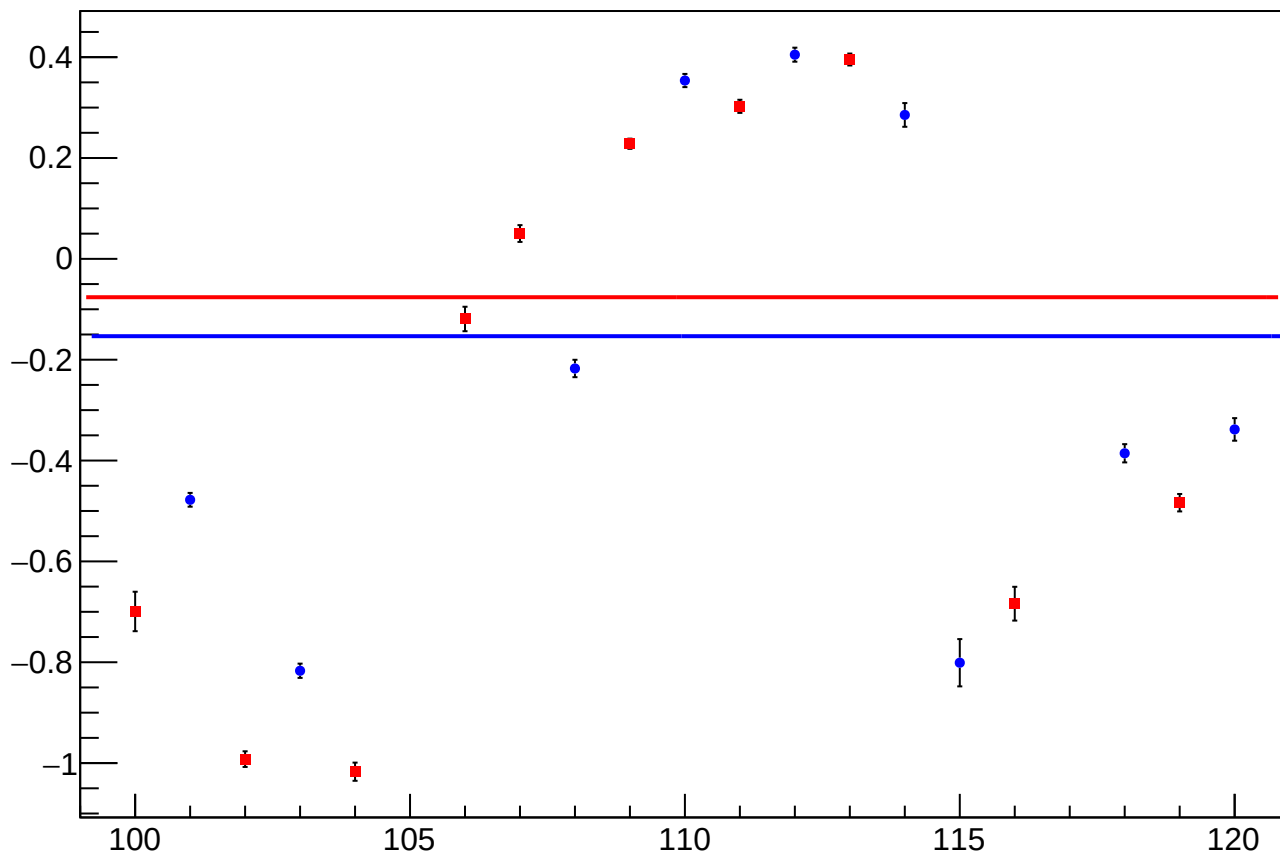
Right: -1.986+/-0.061 χ^2/NDF : 1654.1/18

In: -2.149+/-0.089 χ^2/NDF :1042.6/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.986+/-0.061 χ^2/NDF : 1654.1/18

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.153 ± 0.006 χ^2/NDF : 6662.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.076 ± 0.005 χ^2/NDF : 10748.7/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

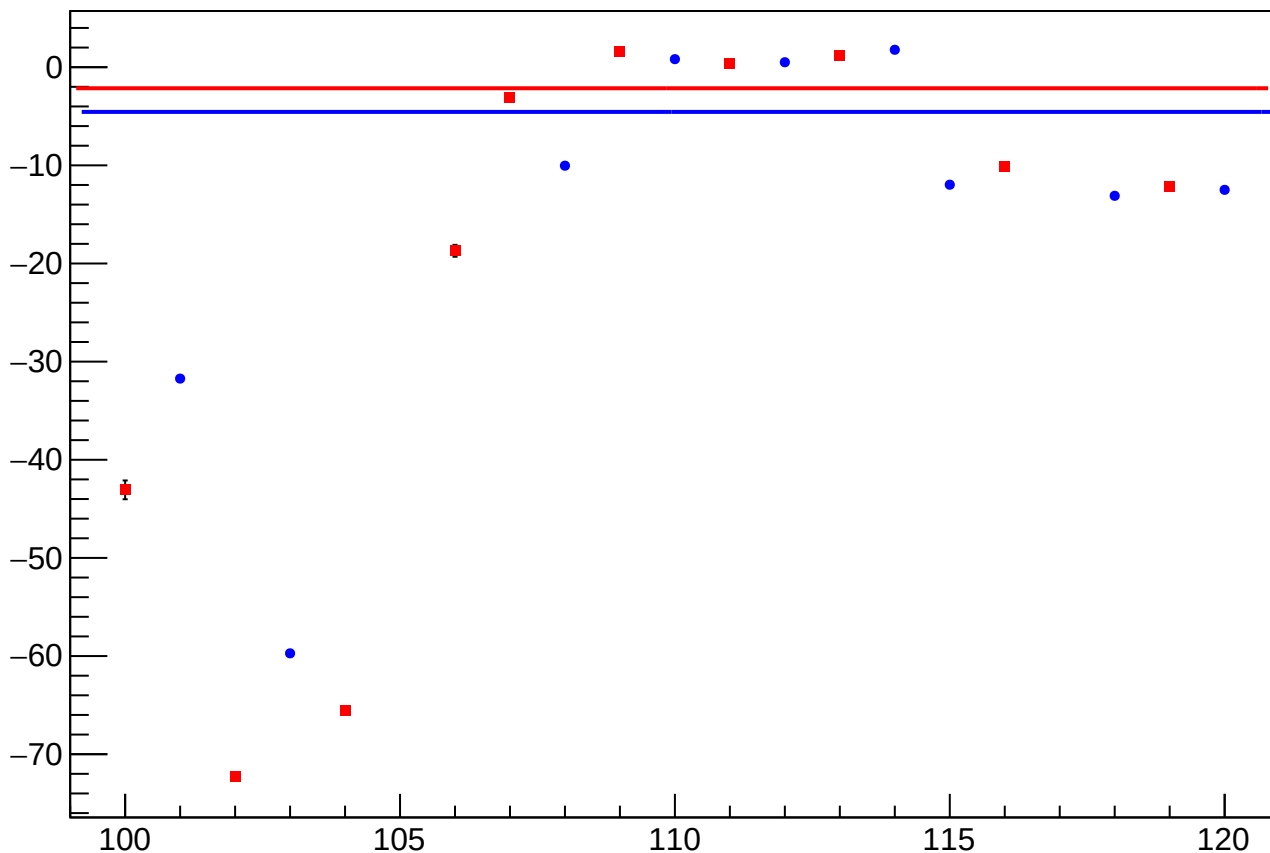
Right: -0.110 ± 0.004 χ^2/NDF : 17517.9/18

In: -0.153 ± 0.006 χ^2/NDF : 6662.5/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.110 ± 0.004 χ^2/NDF : 17517.9/18

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.554+/-0.066 χ^2/NDF : 32667.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.145+/-0.053 χ^2/NDF : 50651.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

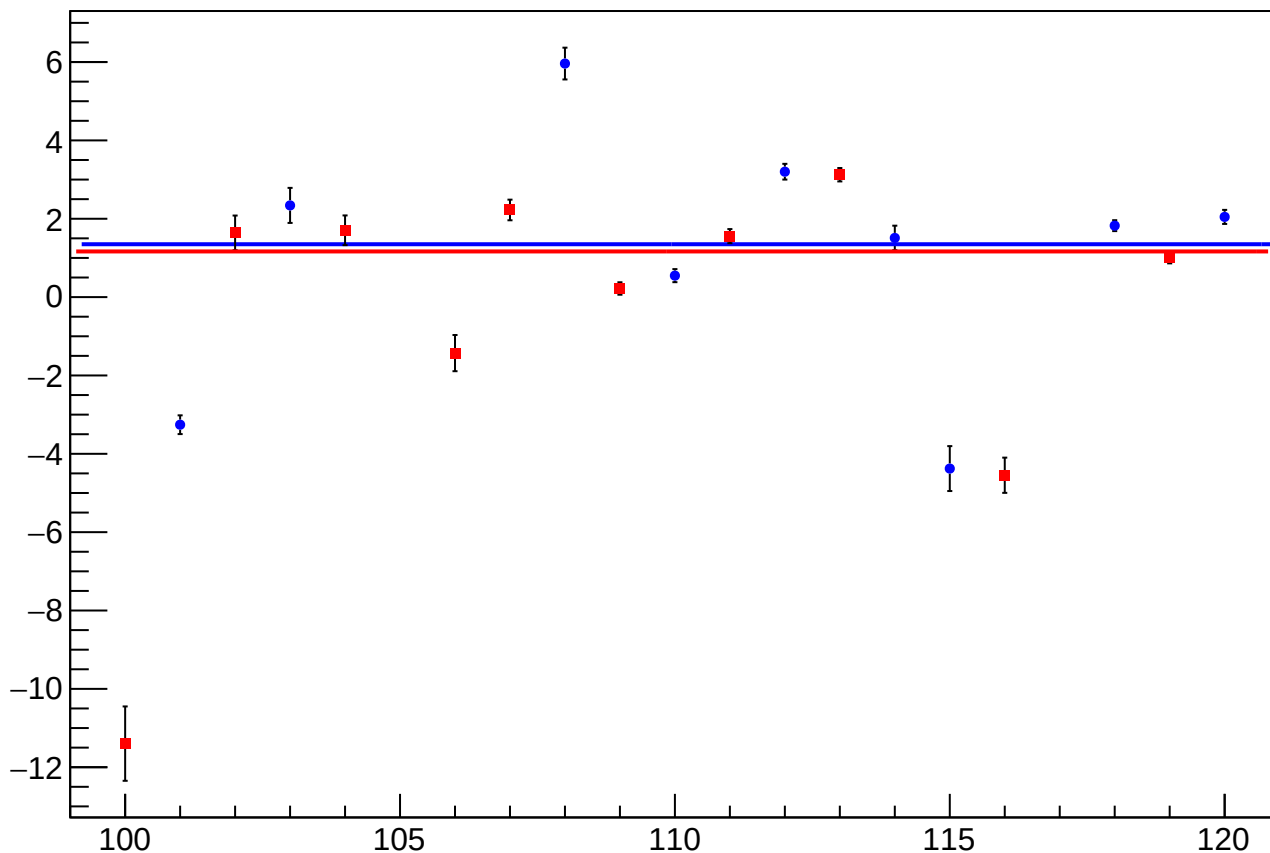
Right: -3.087+/-0.041 χ^2/NDF : 84139.1/18

In: -4.554+/-0.066 χ^2/NDF : 32667.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.087+/-0.041 χ^2/NDF : 84139.1/18

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.350+/-0.073 χ^2/NDF : 739.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.165+/-0.072 χ^2/NDF : 560.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

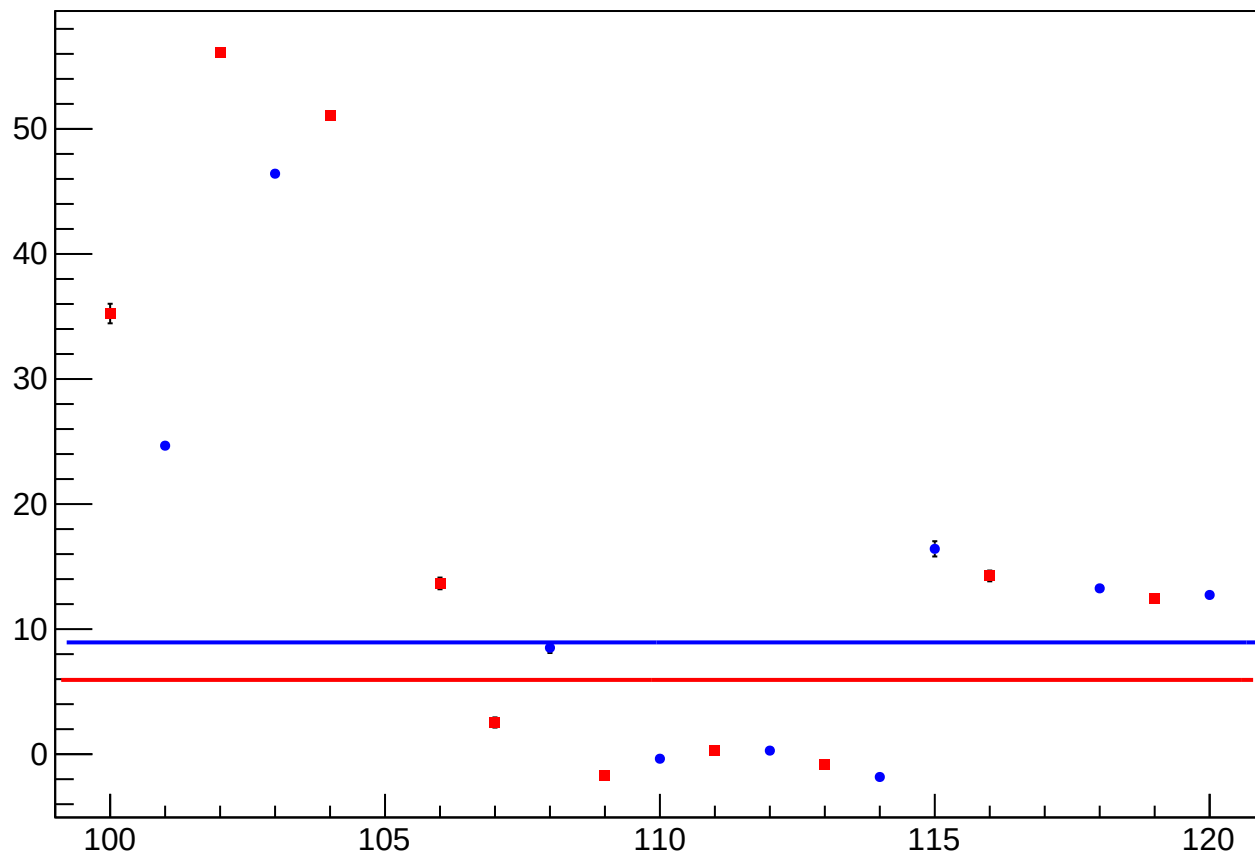
Right: 1.255+/-0.051 χ^2/NDF : 1303.4/18

In: 1.350+/-0.073 χ^2/NDF : 739.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.255+/-0.051 χ^2/NDF : 1303.4/18

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 8.938+/-0.081 χ^2/NDF : 24909.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.939+/-0.072 χ^2/NDF : 44230.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

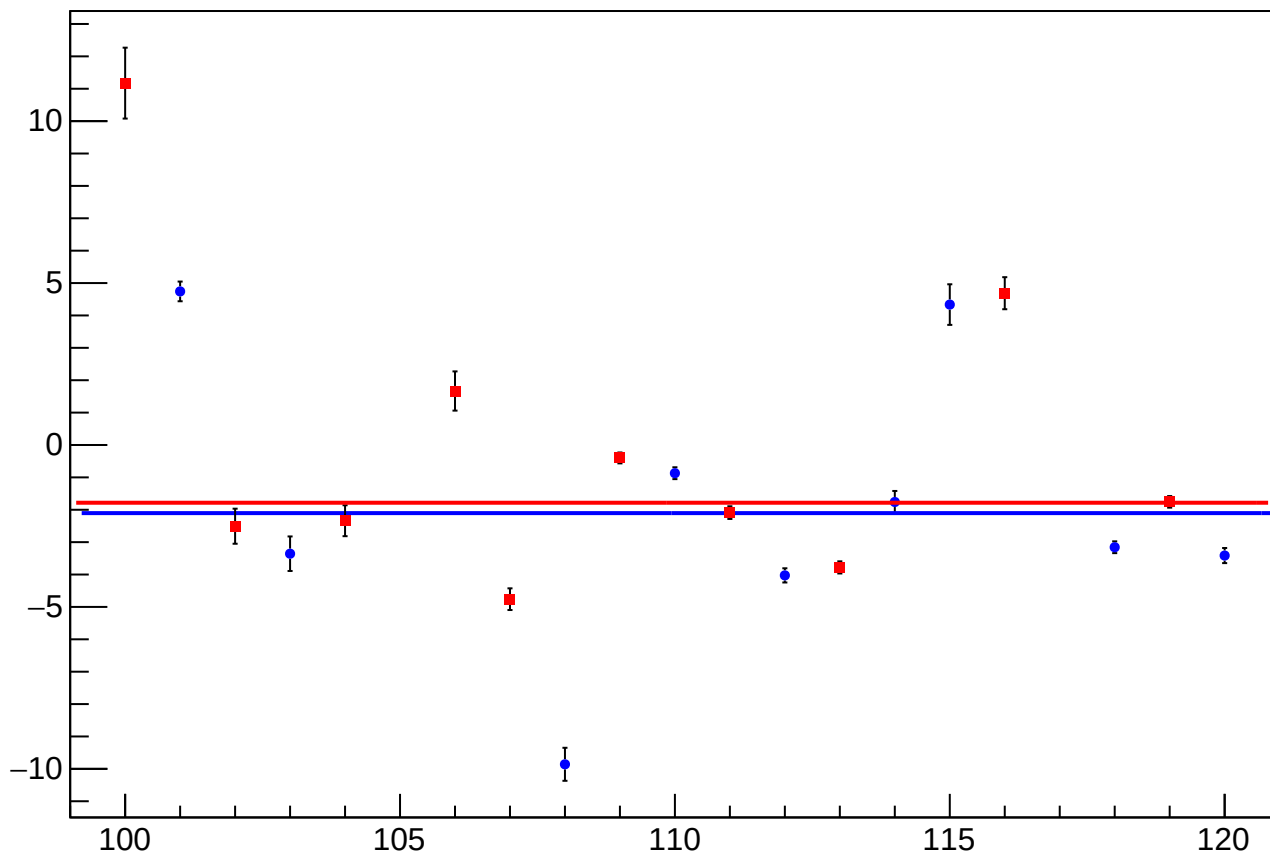
Right: 7.251+/-0.054 χ^2/NDF : 69904.9/18

In: 8.938+/-0.081 χ^2/NDF : 24909.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.251+/-0.054 χ^2/NDF : 69904.9/18

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.103+/-0.088 χ^2/NDF : 1038.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.783+/-0.083 χ^2/NDF : 609.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

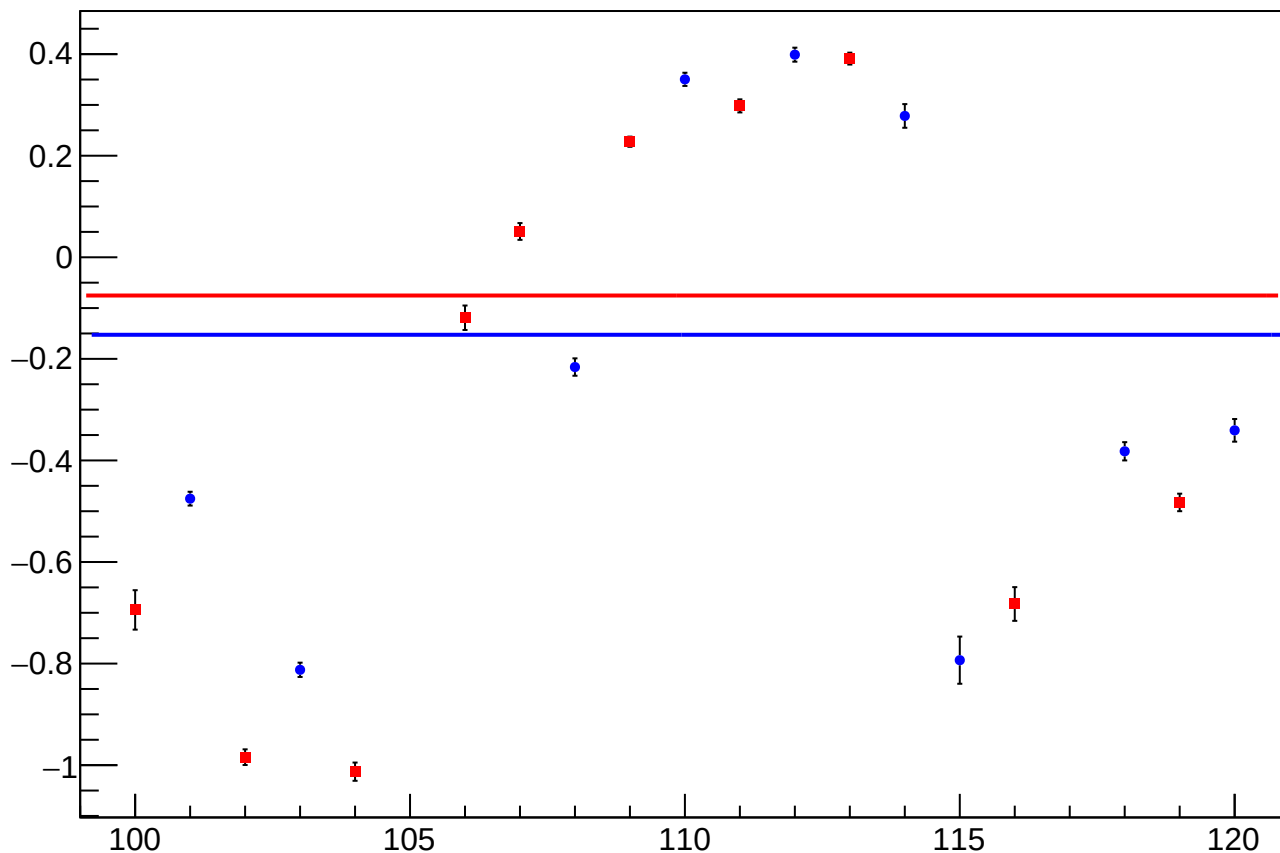
Right: -1.933+/-0.060 χ^2/NDF : 1655.2/18

In: -2.103+/-0.088 χ^2/NDF : 1038.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.933+/-0.060 χ^2/NDF : 1655.2/18

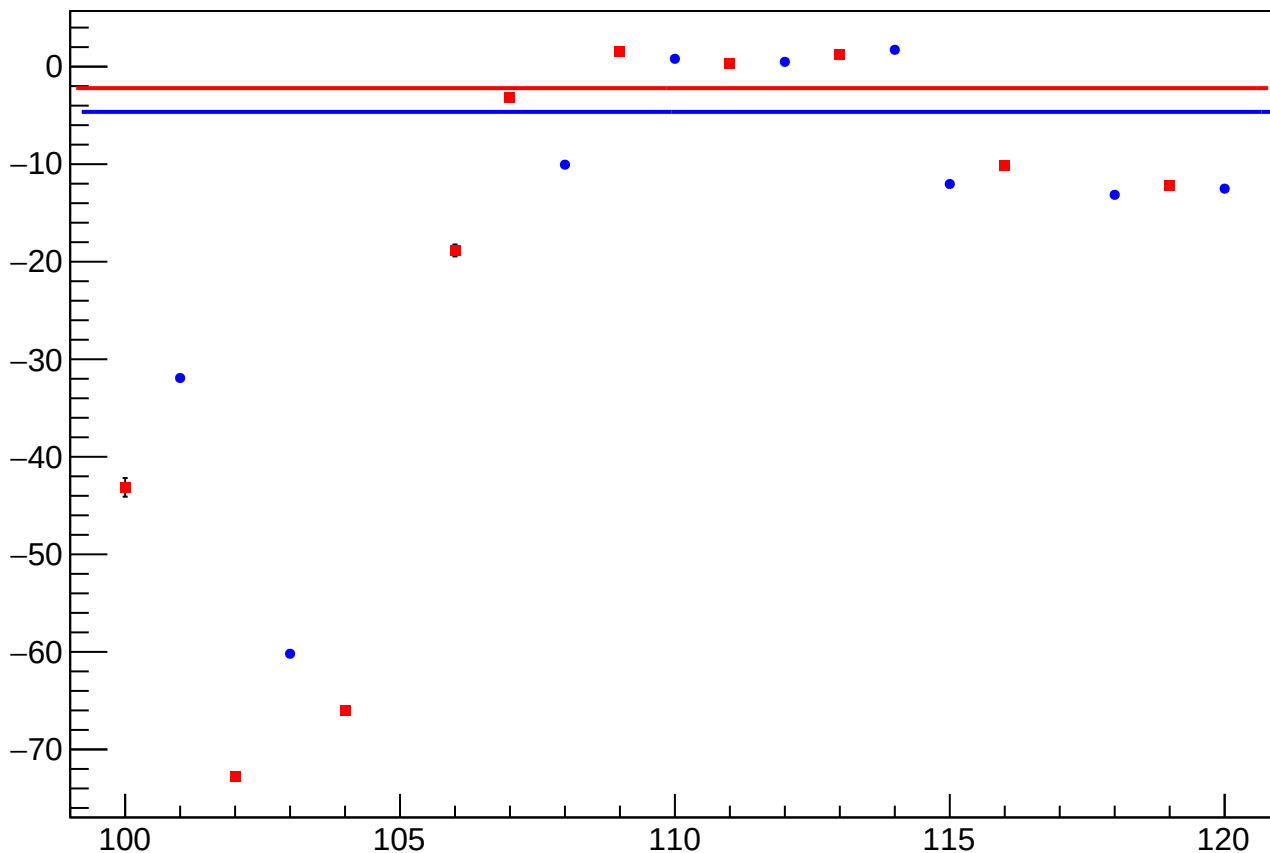
reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.153 ± 0.006 χ^2/NDF : 6640.3/8
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -0.075 ± 0.005 χ^2/NDF : 10750.2/9
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -0.109 ± 0.004 χ^2/NDF : 17498.7/18
 In: -0.153 ± 0.006 χ^2/NDF : 6640.3/8
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -0.109 ± 0.004 χ^2/NDF : 17498.7/18

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.640+/-0.066 χ^2/NDF : 32622.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.204+/-0.053 χ^2/NDF : 50609.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

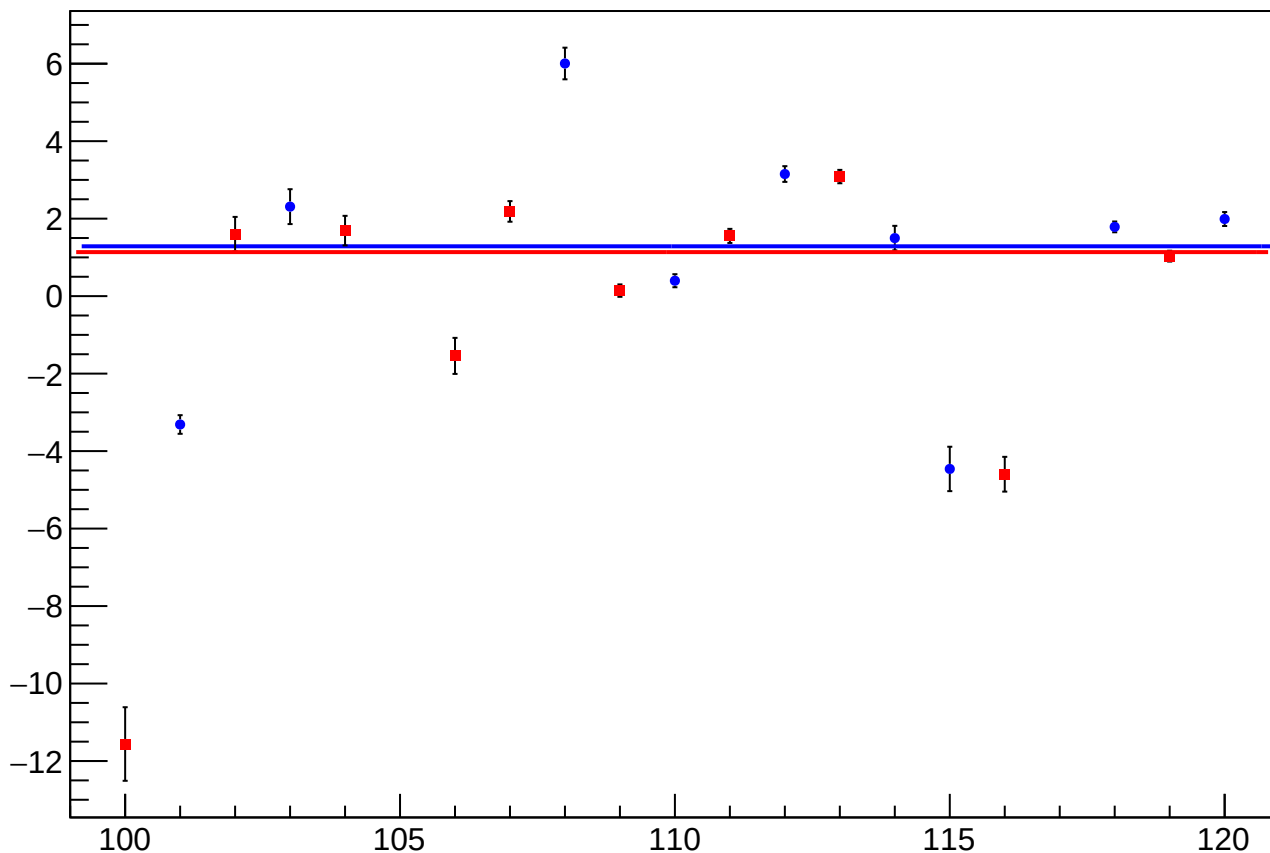
Right: -3.157+/-0.041 χ^2/NDF : 84055.8/18

In: -4.640+/-0.066 χ^2/NDF : 32622.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.157+/-0.041 χ^2/NDF : 84055.8/18

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.286 $\pm$ 0.074 χ^2 /NDF: 745.8/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.136 $\pm$ 0.072 χ^2 /NDF: 565.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

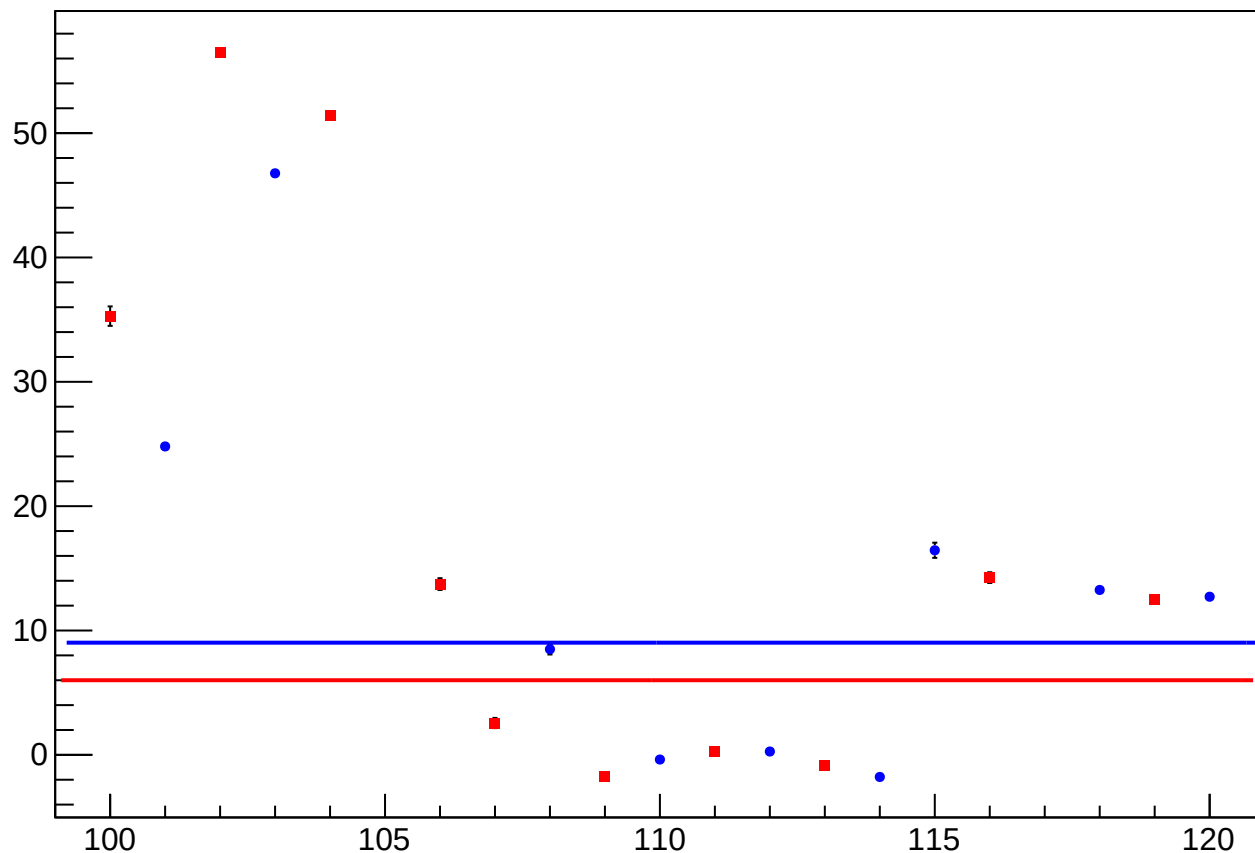
Right: 1.210 $\pm$ 0.052 χ^2 /NDF: 1313.6/18

In: 1.286 $\pm$ 0.074 χ^2 /NDF:745.8/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.210 $\pm$ 0.052 χ^2 /NDF: 1313.6/18

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 9.022+/-0.082 χ^2/NDF : 24861.9/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 6.001+/-0.072 χ^2/NDF : 44190.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

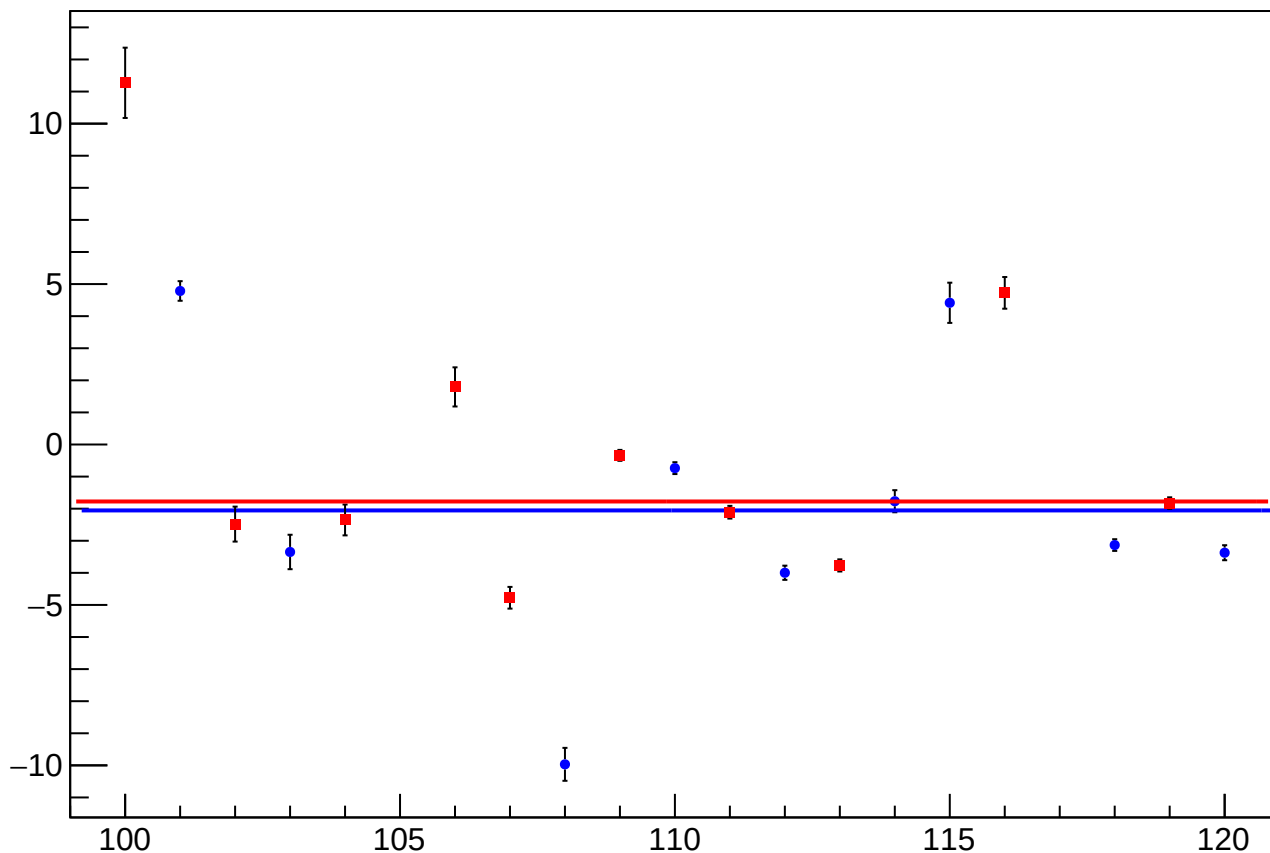
Right: 7.324+/-0.054 χ^2/NDF : 69816.6/18

In: 9.022+/-0.082 χ^2/NDF :24861.9/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7.324+/-0.054 χ^2/NDF : 69816.6/18

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.055+/-0.089 χ^2/NDF : 1046.4/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.776+/-0.083 χ^2/NDF : 617.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

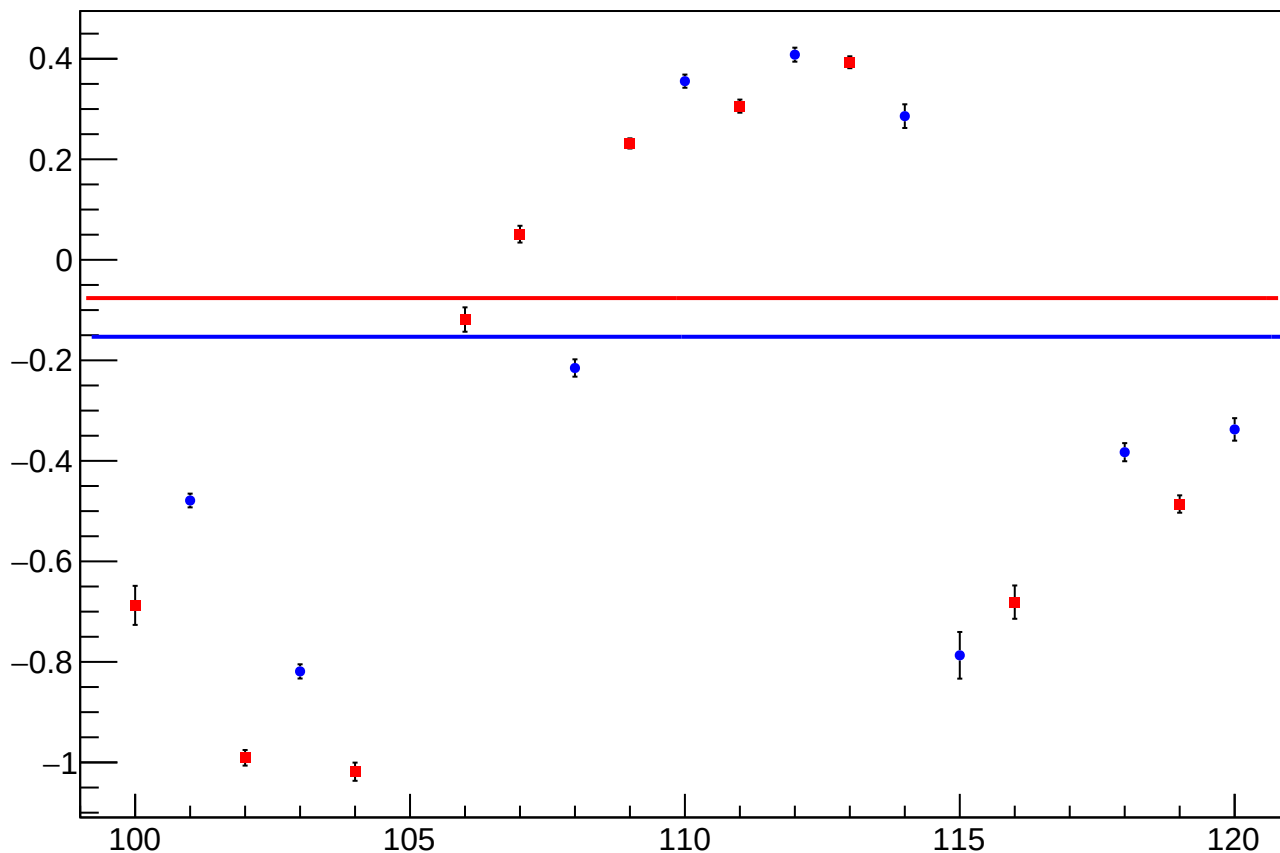
Right: -1.907+/-0.061 χ^2/NDF : 1668.6/18

In: -2.055+/-0.089 χ^2/NDF : 1046.4/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.907+/-0.061 χ^2/NDF : 1668.6/18

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.153 ± 0.006 $\chi^2/\text{NDF}: 6679.5/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.076 ± 0.005 $\chi^2/\text{NDF}: 10752.9/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

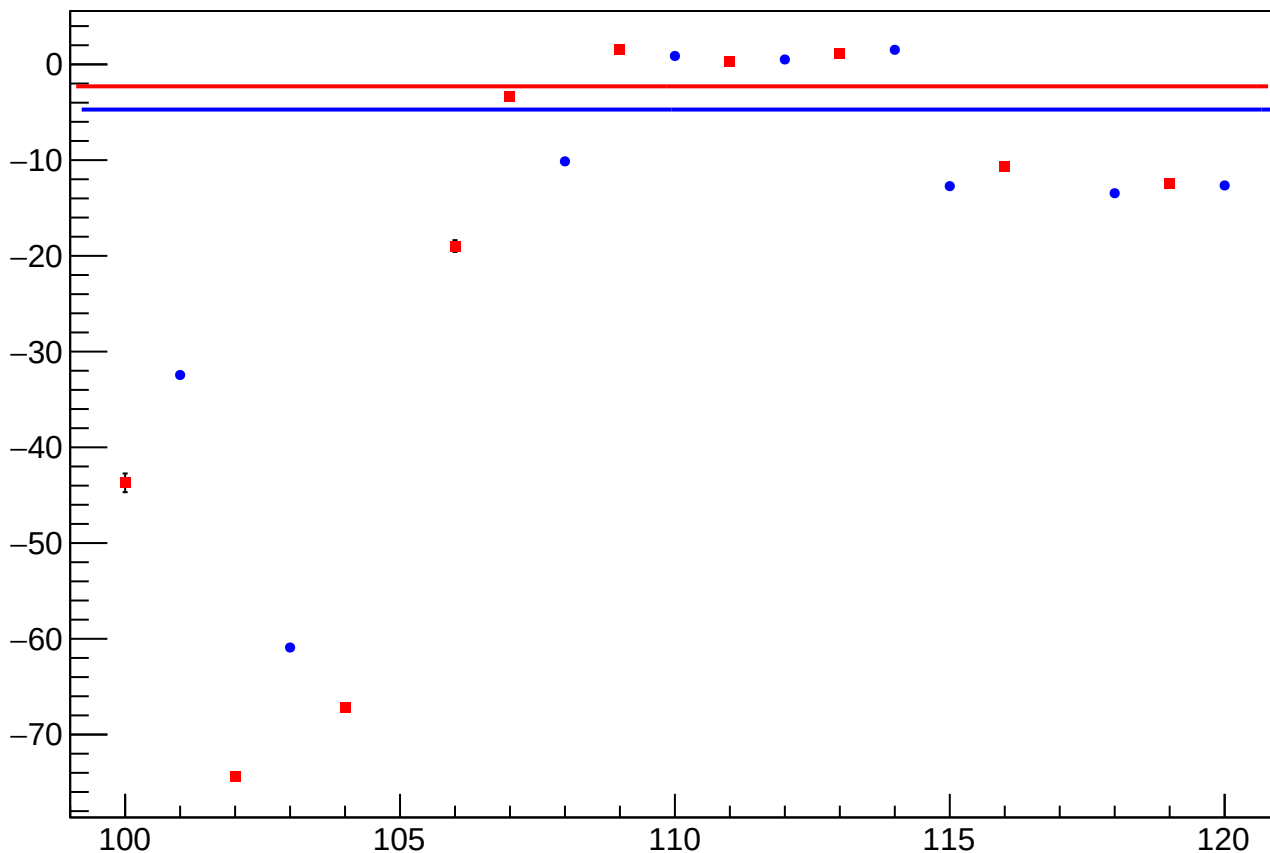
Right: -0.110 ± 0.004 $\chi^2/\text{NDF}: 17538.0/18$

In: -0.153 ± 0.006 $\chi^2/\text{NDF}: 6679.5/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.110 ± 0.004 $\chi^2/\text{NDF}: 17538.0/18$

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.718+/-0.068 χ^2/NDF : 32204.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.293+/-0.054 χ^2/NDF : 50242.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

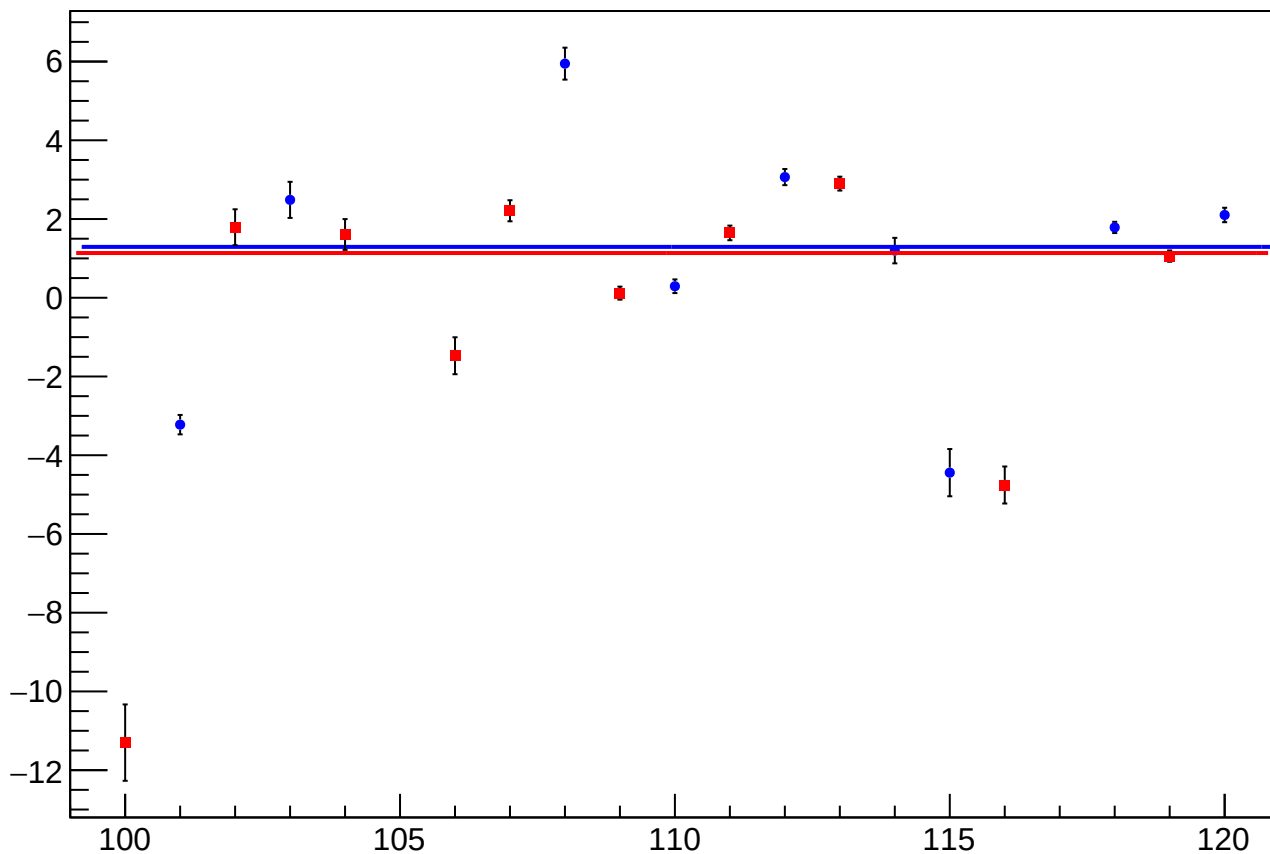
Right: -3.246+/-0.042 χ^2/NDF : 83225.8/18

In: -4.718+/-0.068 χ^2/NDF :32204.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.246+/-0.042 χ^2/NDF : 83225.8/18

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.292+/-0.076 χ^2/NDF : 705.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.136+/-0.074 χ^2/NDF : 518.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

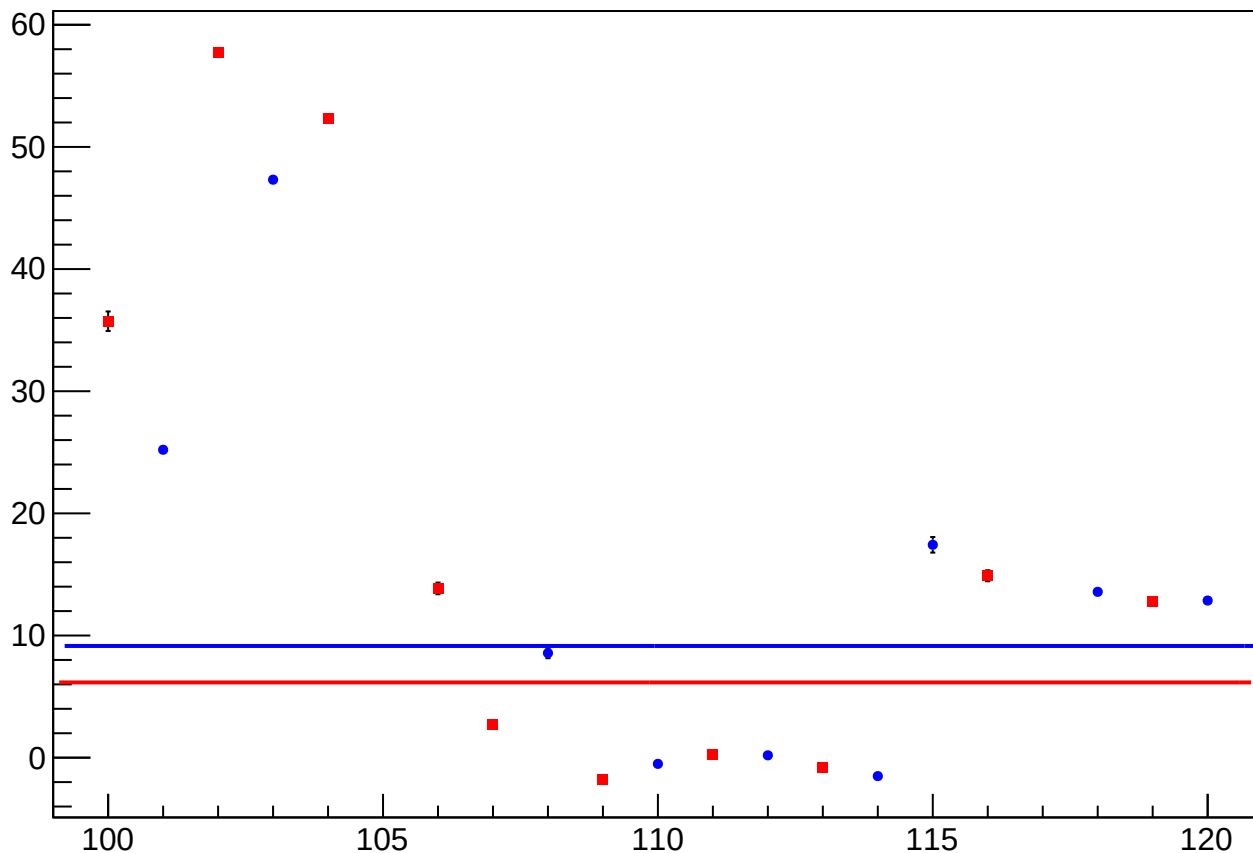
Right: 1.213+/-0.053 χ^2/NDF : 1225.5/18

In: 1.292+/-0.076 χ^2/NDF : 705.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.213+/-0.053 χ^2/NDF : 1225.5/18

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 9.146+/-0.084 χ^2/NDF : 24585.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.160+/-0.074 χ^2/NDF : 43877.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

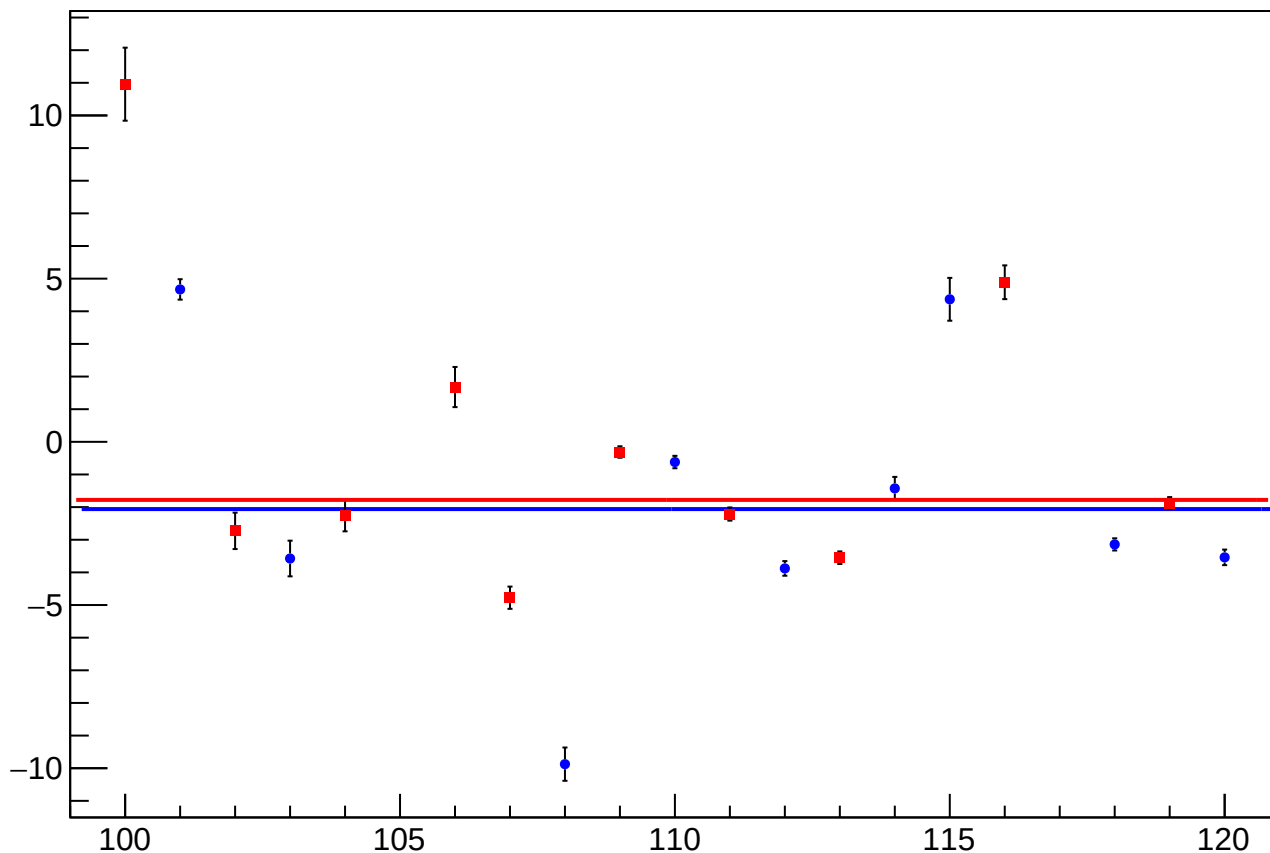
Right: 7.472+/-0.055 χ^2/NDF : 69175.9/18

In: 9.146+/-0.084 χ^2/NDF : 24585.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.472+/-0.055 χ^2/NDF : 69175.9/18

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.060+/-0.091 χ^2/NDF : 999.2/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.779+/-0.086 χ^2/NDF : 568.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

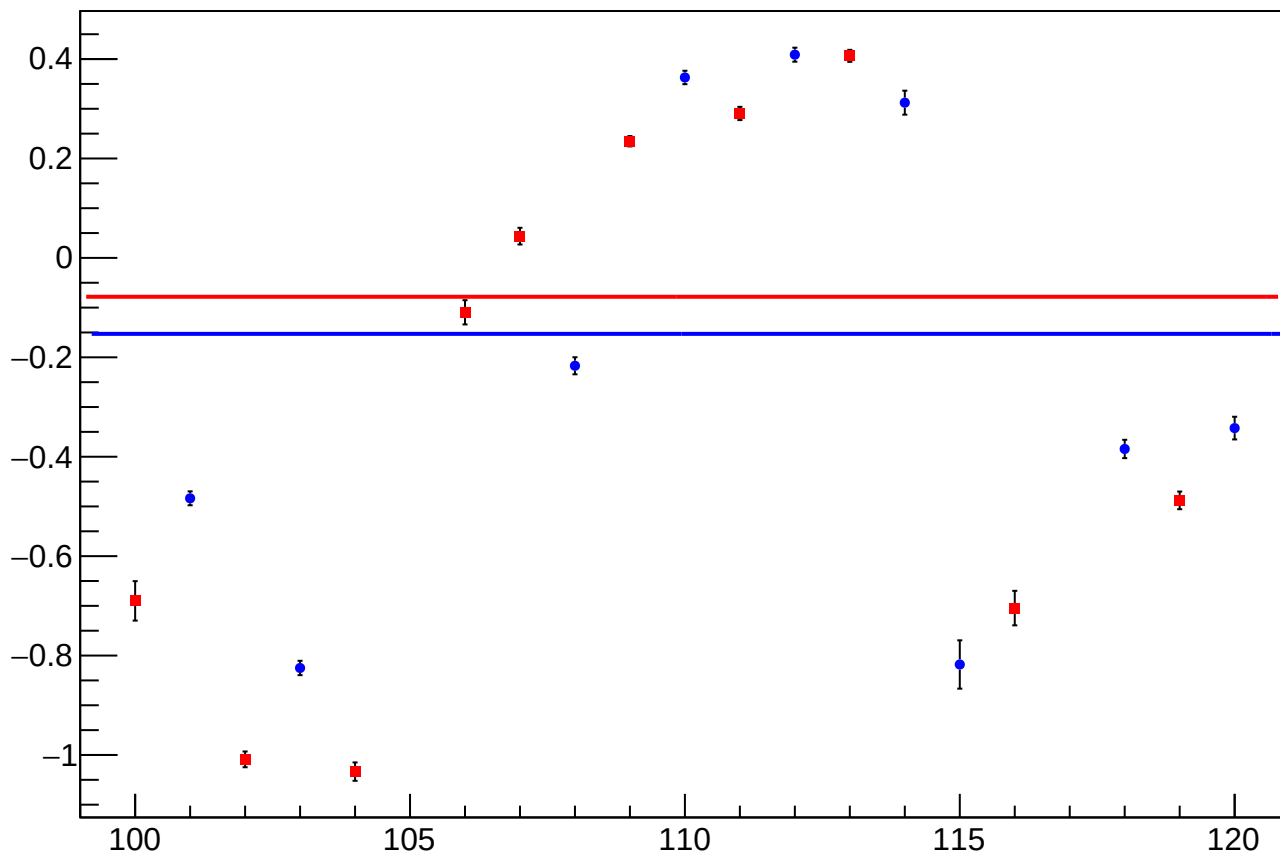
Right: -1.911+/-0.062 χ^2/NDF : 1572.6/18

In: -2.060+/-0.091 χ^2/NDF : 999.2/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.911+/-0.062 χ^2/NDF : 1572.6/18

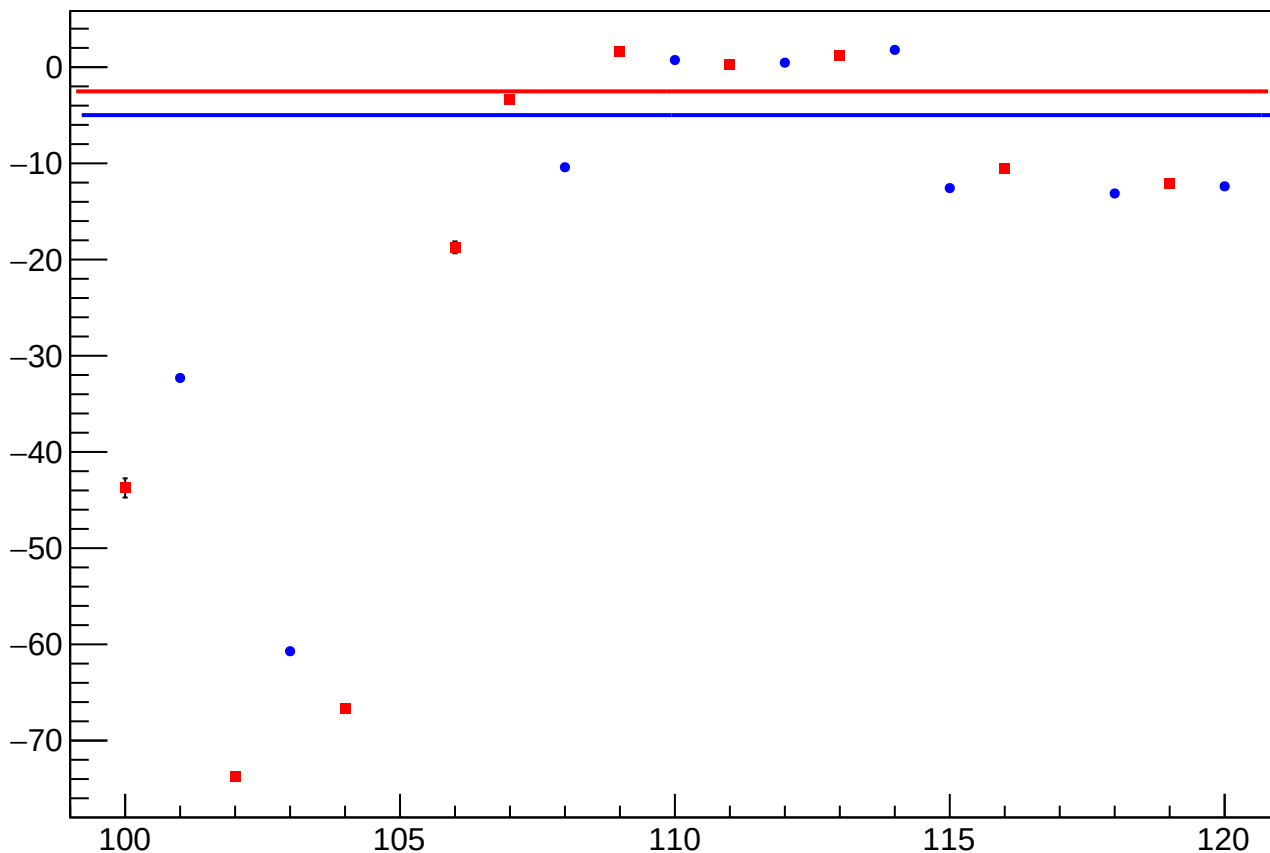
reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.153 ± 0.006 χ^2/NDF : 6567.3/8
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -0.078 ± 0.005 χ^2/NDF : 10540.4/9
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -0.111 ± 0.004 χ^2/NDF : 17203.0/18
 In: -0.153 ± 0.006 χ^2/NDF : 6567.3/8
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -0.111 ± 0.004 χ^2/NDF : 17203.0/18

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.986+/-0.069 χ^2/NDF : 31295.4/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.516+/-0.056 χ^2/NDF : 49182.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

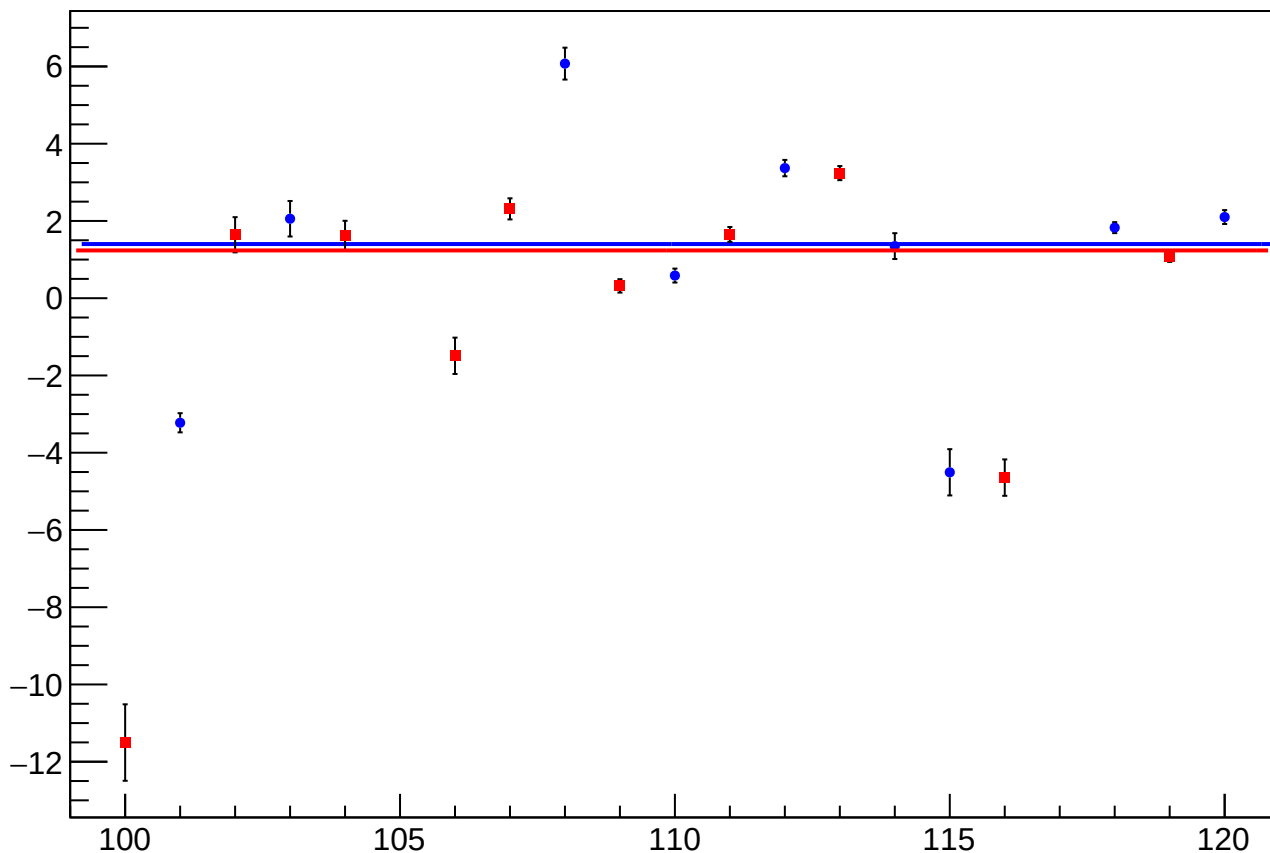
Right: -3.497+/-0.044 χ^2/NDF : 81241.9/18

In: -4.986+/-0.069 χ^2/NDF :31295.4/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.497+/-0.044 χ^2/NDF : 81241.9/18

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.402 $\pm$ 0.076 χ^2 /NDF: 705.3/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.237 $\pm$ 0.075 χ^2 /NDF: 526.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

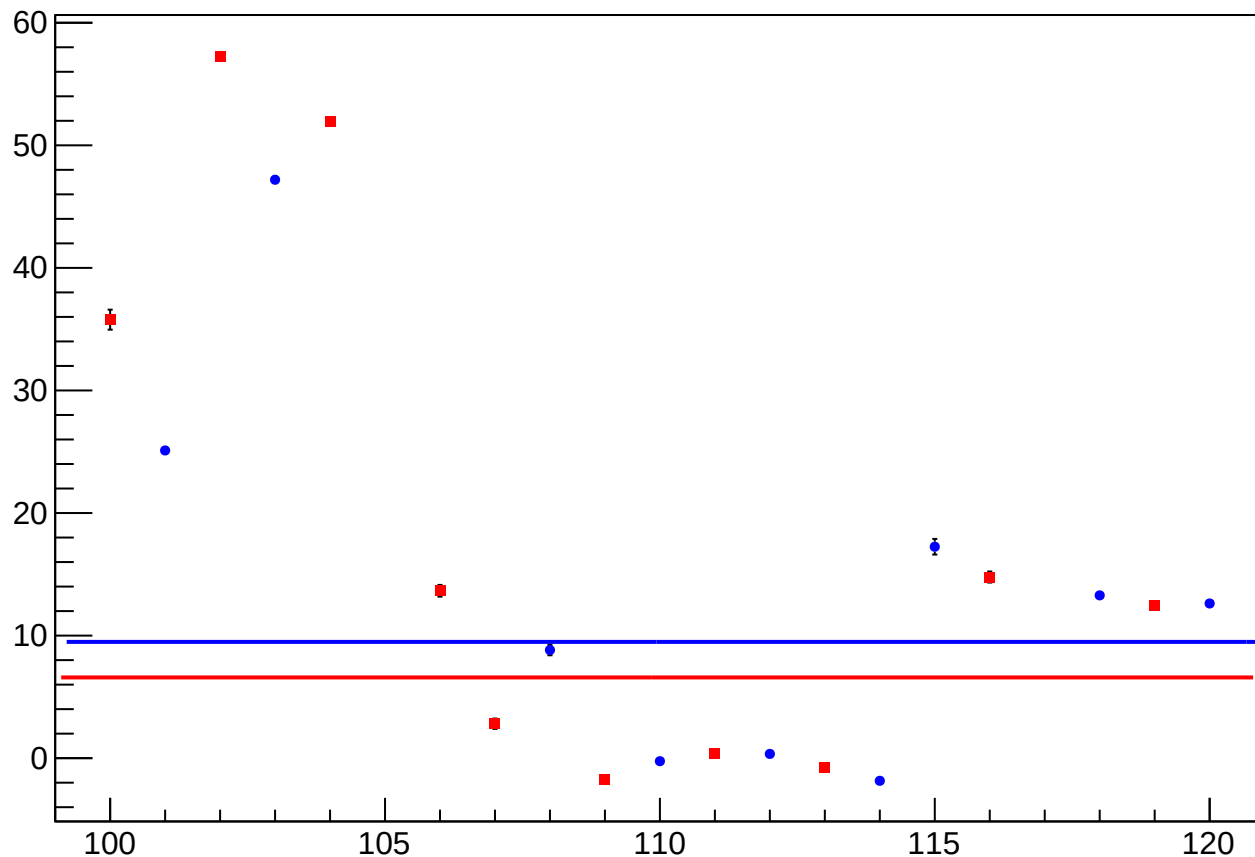
Right: 1.318 $\pm$ 0.054 χ^2 /NDF: 1234.3/18

In: 1.402 $\pm$ 0.076 χ^2 /NDF: 705.3/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.318 $\pm$ 0.054 χ^2 /NDF: 1234.3/18

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 9.487+/-0.085 χ^2/NDF : 23598.9/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.587+/-0.076 χ^2/NDF : 42510.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

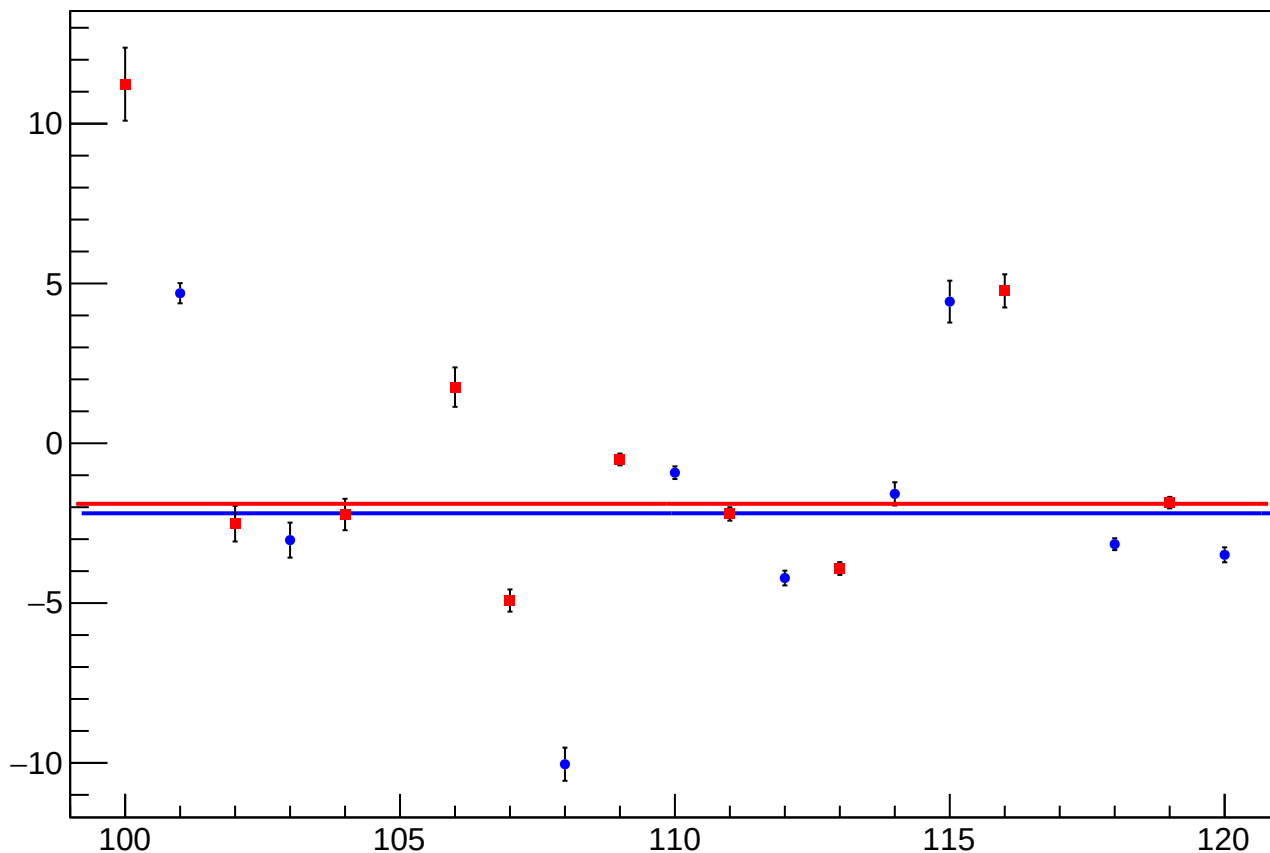
Right: 7.873+/-0.057 χ^2/NDF : 66753.4/18

In: 9.487+/-0.085 χ^2/NDF : 23598.9/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.873+/-0.057 χ^2/NDF : 66753.4/18

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.191+/-0.092 χ^2/NDF : 988.7/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.894+/-0.087 χ^2/NDF : 571.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

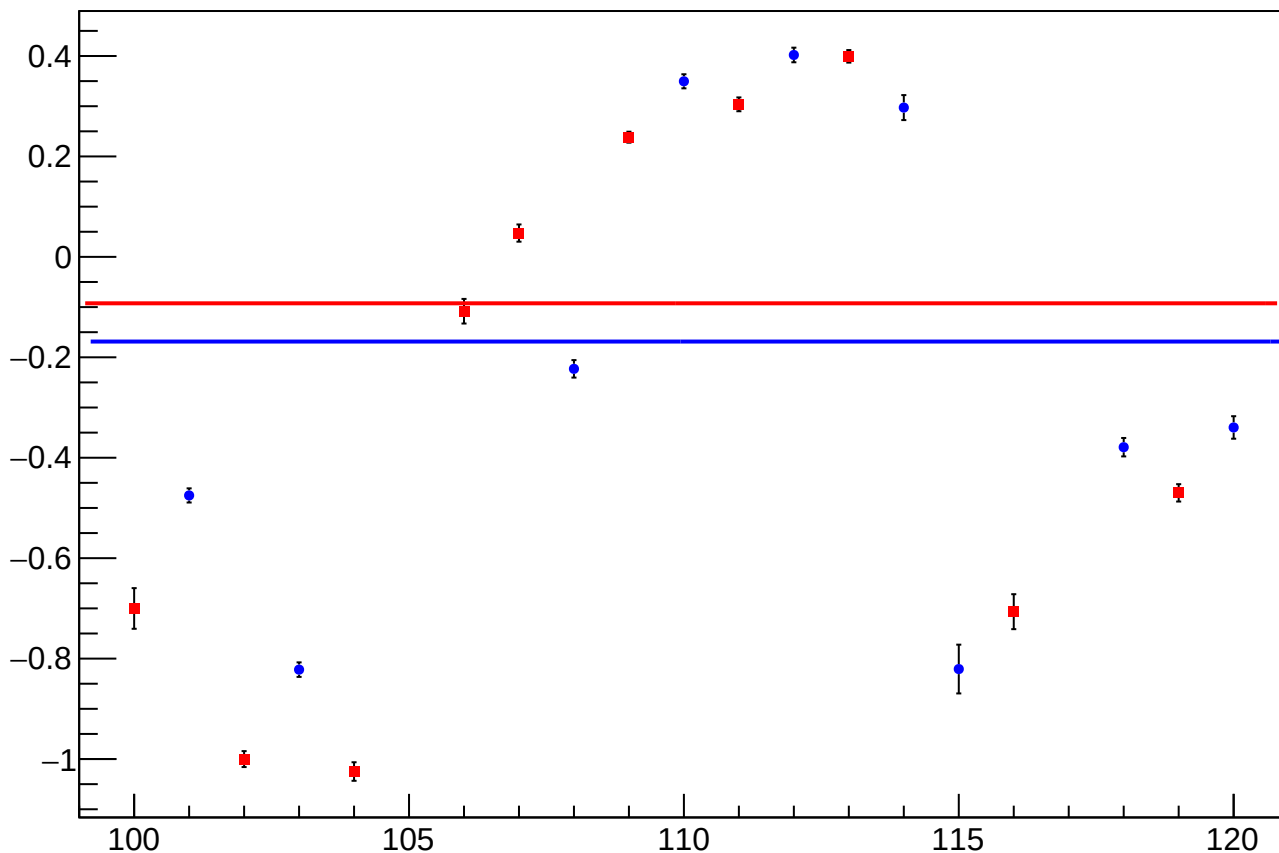
Right: -2.034+/-0.063 χ^2/NDF : 1566.1/18

In: -2.191+/-0.092 χ^2/NDF :988.7/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.034+/-0.063 χ^2/NDF : 1566.1/18

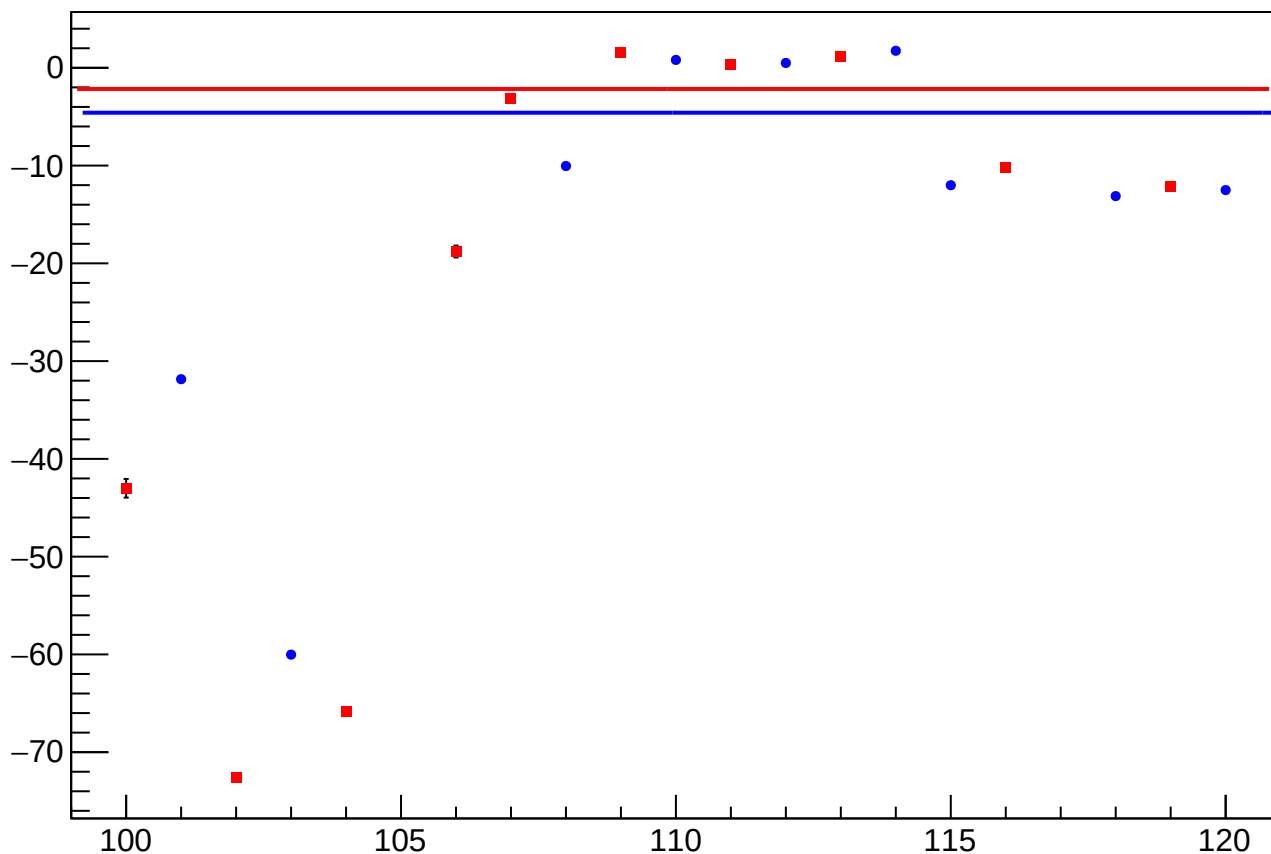
reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.169+/-0.006 χ^2/NDF : 6147.1/8
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -0.092+/-0.005 χ^2/NDF : 10197.3/9
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.127+/-0.004 χ^2/NDF : 16440.2/18
 In: -0.169+/-0.006 χ^2/NDF :6147.1/8
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -0.127+/-0.004 χ^2/NDF : 16440.2/18

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.592+/-0.066 χ^2 /NDF: 32712.4/8

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2.163+/-0.053 χ^2 /NDF: 50711.1/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

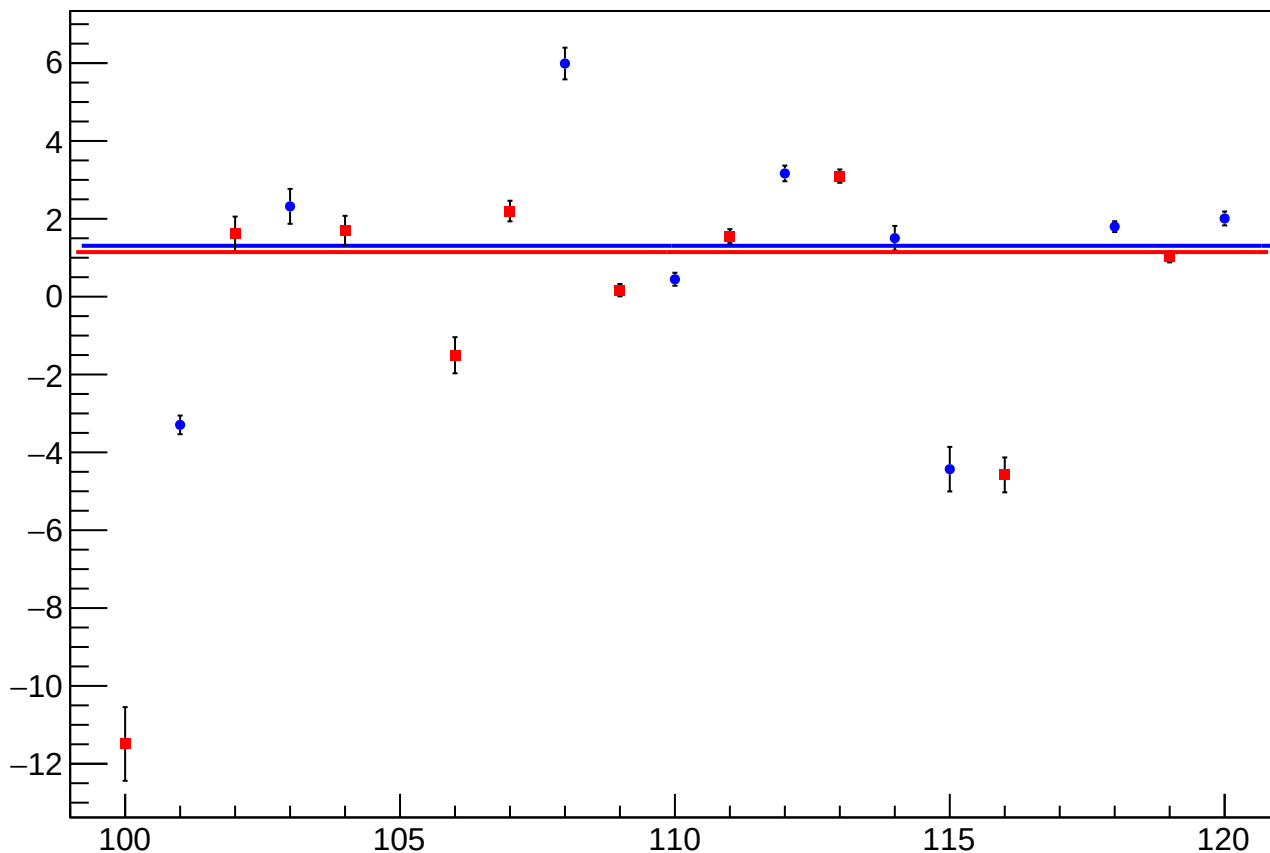
Right: -3.111+/-0.041 χ^2 /NDF: 84253.6/18

In: -4.592+/-0.066 χ^2 /NDF:32712.4/8

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -3.111+/-0.041 χ^2 /NDF: 84253.6/18

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.307 $\pm$ 0.074 χ^2 /NDF: 745.4/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.145 $\pm$ 0.072 χ^2 /NDF: 566.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

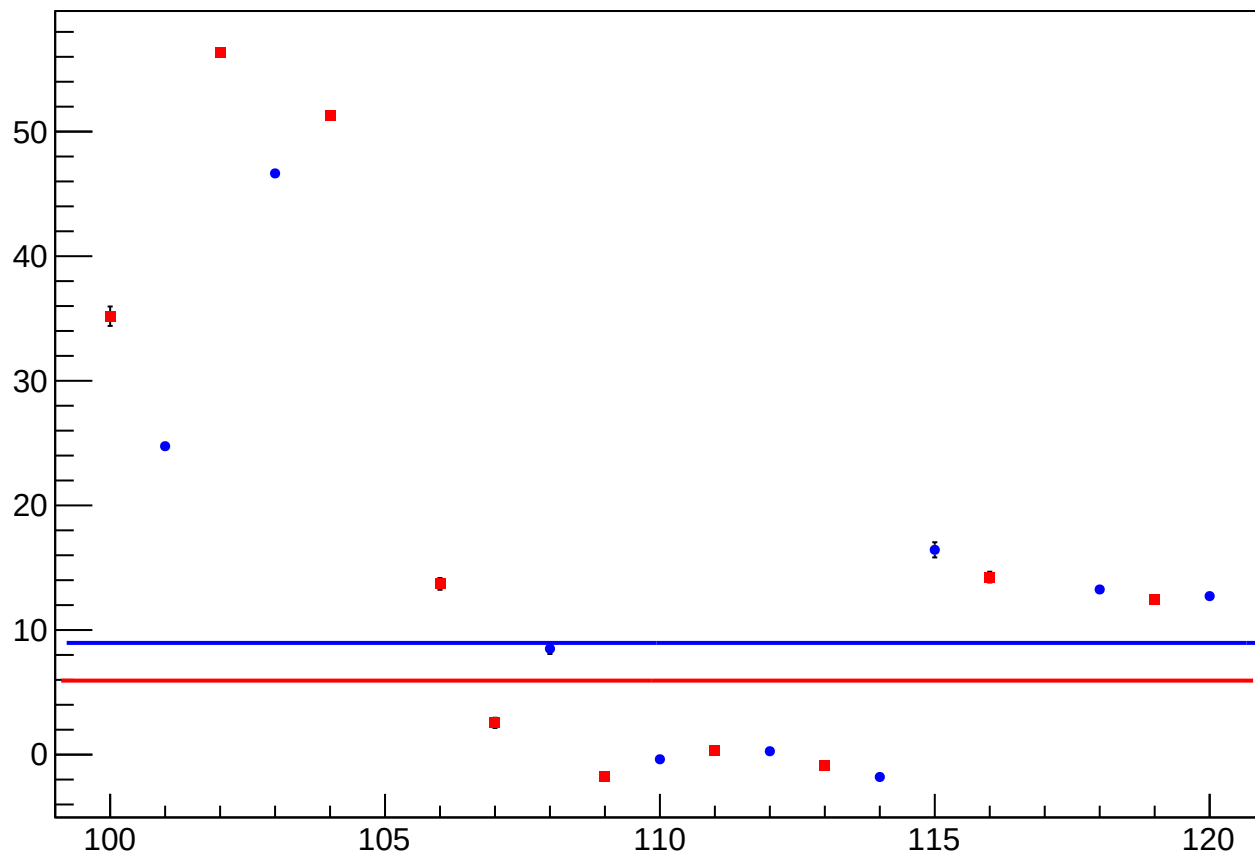
Right: 1.224 $\pm$ 0.051 χ^2 /NDF: 1314.5/18

In: 1.307 $\pm$ 0.074 χ^2 /NDF:745.4/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.224 $\pm$ 0.051 χ^2 /NDF: 1314.5/18

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 8.966+/-0.082 χ^2/NDF : 24950.3/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 5.941+/-0.072 χ^2/NDF : 44307.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

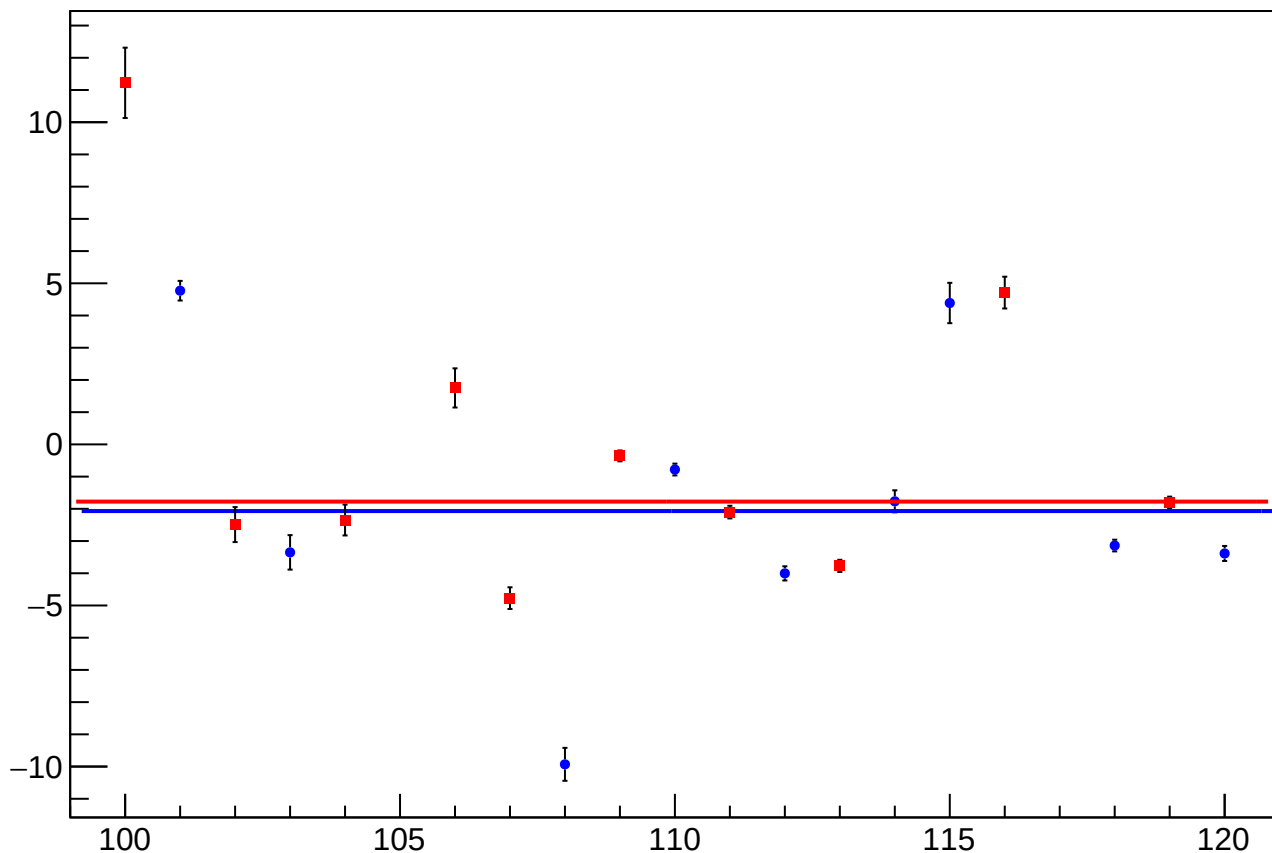
Right: 7.263+/-0.054 χ^2/NDF : 70033.6/18

In: 8.966+/-0.082 χ^2/NDF :24950.3/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7.263+/-0.054 χ^2/NDF : 70033.6/18

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.070+/-0.088 χ^2/NDF : 1046.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.776+/-0.083 χ^2/NDF : 617.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

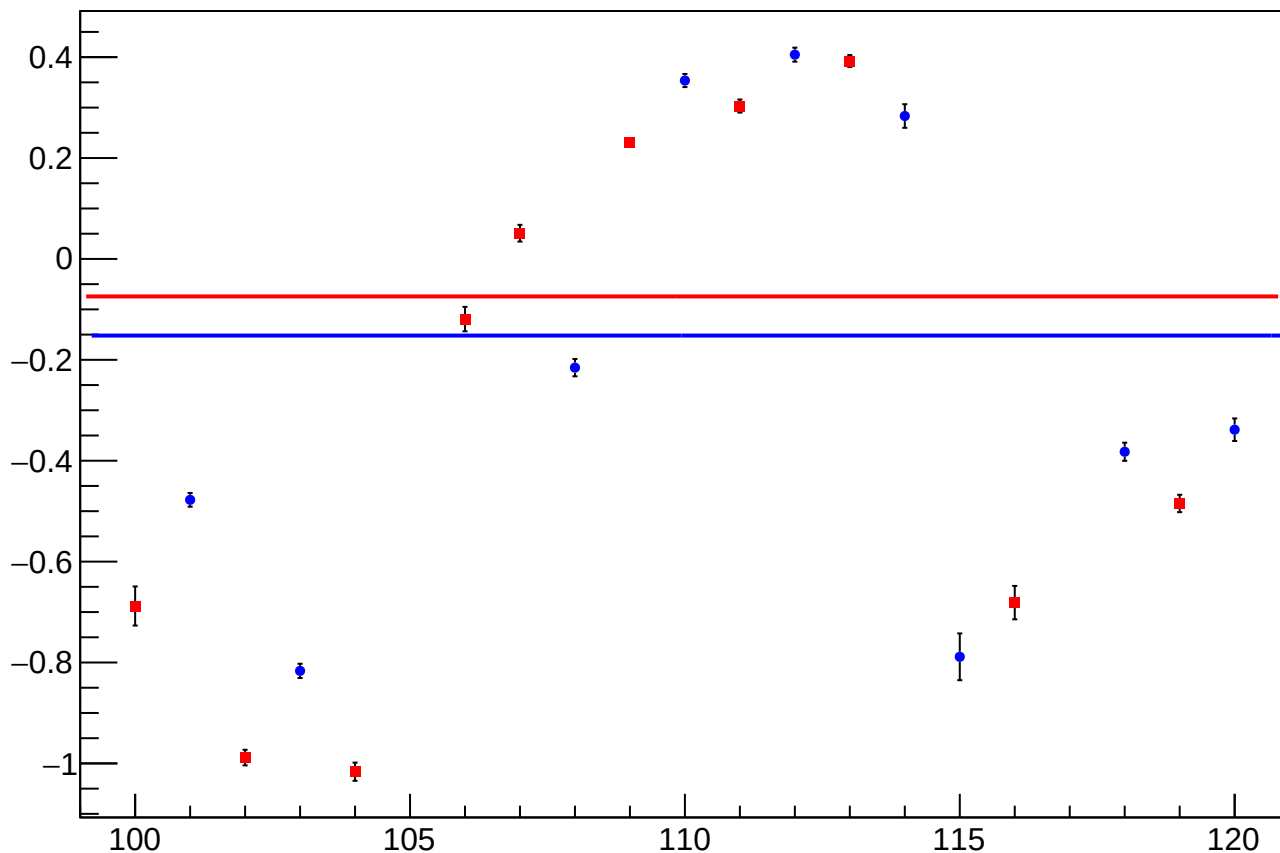
Right: -1.914+/-0.060 χ^2/NDF : 1669.6/18

In: -2.070+/-0.088 χ^2/NDF : 1046.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.914+/-0.060 χ^2/NDF : 1669.6/18

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.152 ± 0.006 χ^2/NDF : 6692.7/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.074 ± 0.005 χ^2/NDF : 10790.3/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

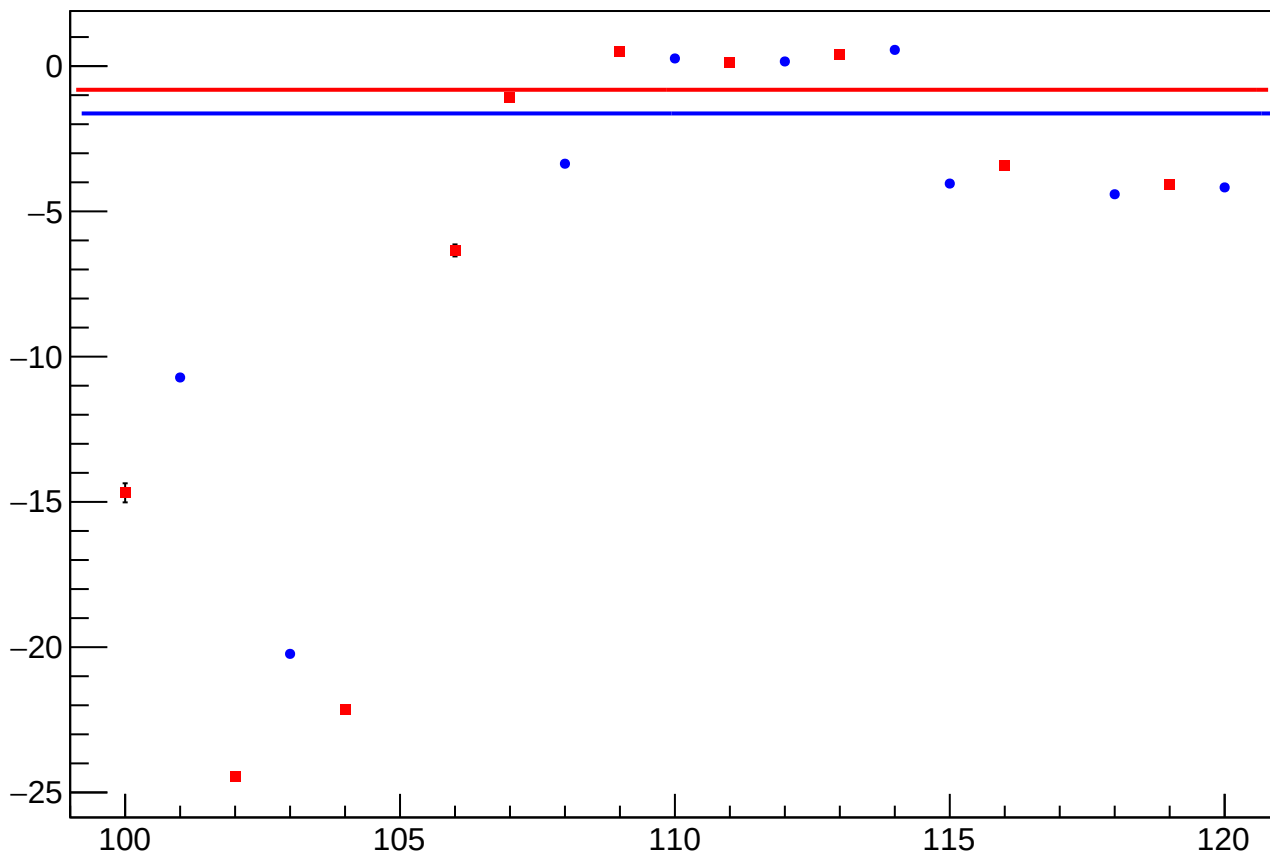
Right: -0.109 ± 0.004 χ^2/NDF : 17591.3/18

In: -0.152 ± 0.006 χ^2/NDF : 6692.7/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.109 ± 0.004 χ^2/NDF : 17591.3/18

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.630+/-0.023 χ^2/NDF : 31940.0/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.815+/-0.018 χ^2/NDF : 49819.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

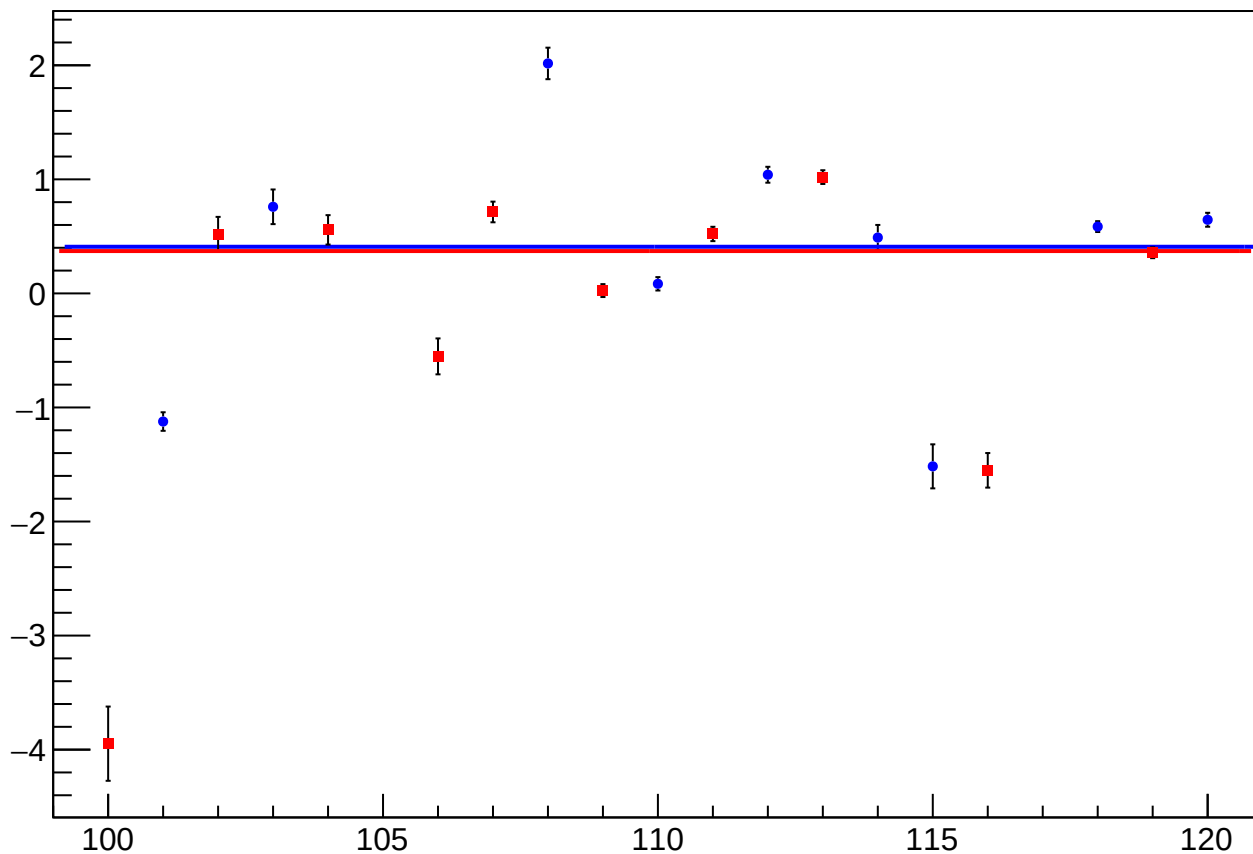
Right: -1.138+/-0.014 χ^2/NDF : 82529.0/18

In: -1.630+/-0.023 χ^2/NDF :31940.0/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.138+/-0.014 χ^2/NDF : 82529.0/18

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.409+/-0.025 χ^2/NDF : 737.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.371+/-0.025 χ^2/NDF : 548.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

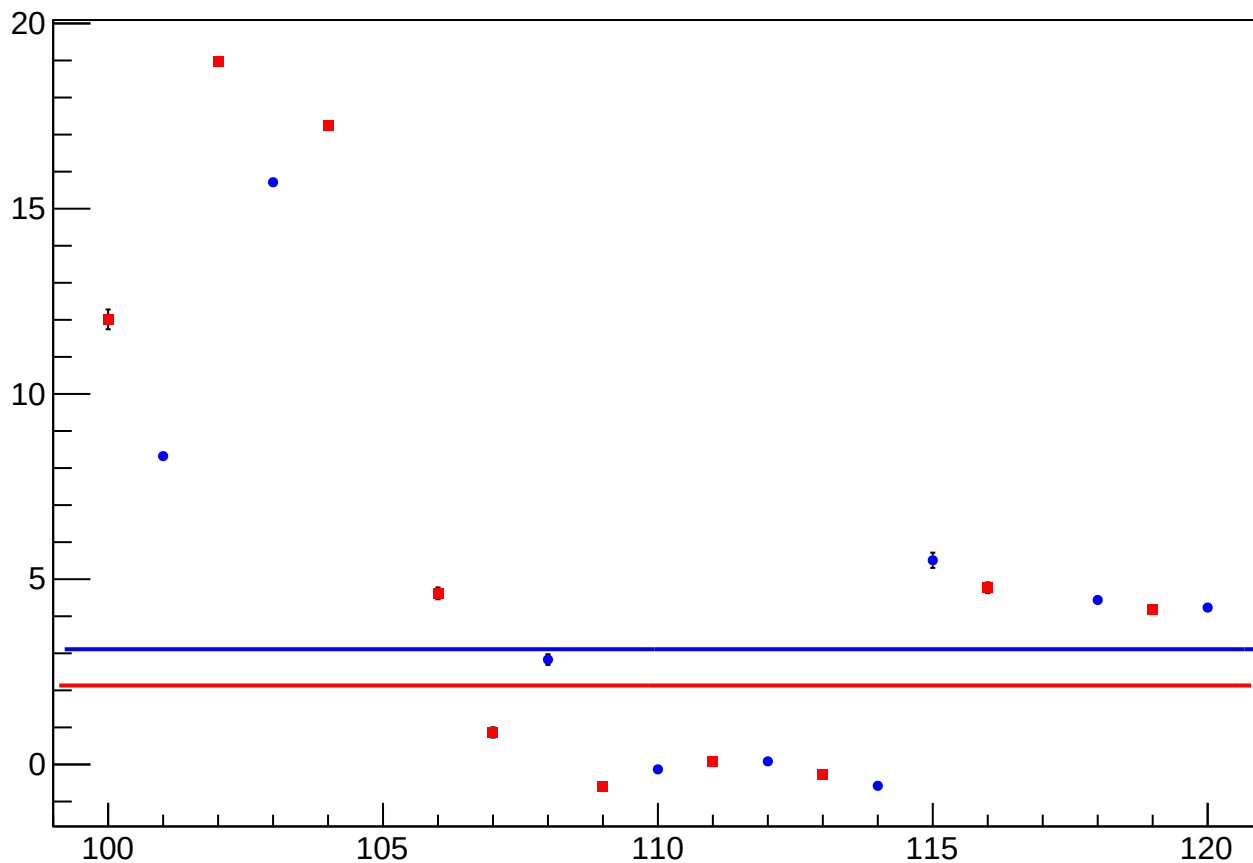
Right: 0.390+/-0.018 χ^2/NDF : 1286.5/18

In: 0.409+/-0.025 χ^2/NDF : 737.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.390+/-0.018 χ^2/NDF : 1286.5/18

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.110+/-0.028 χ^2/NDF : 24207.8/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.131+/-0.025 χ^2/NDF : 43276.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

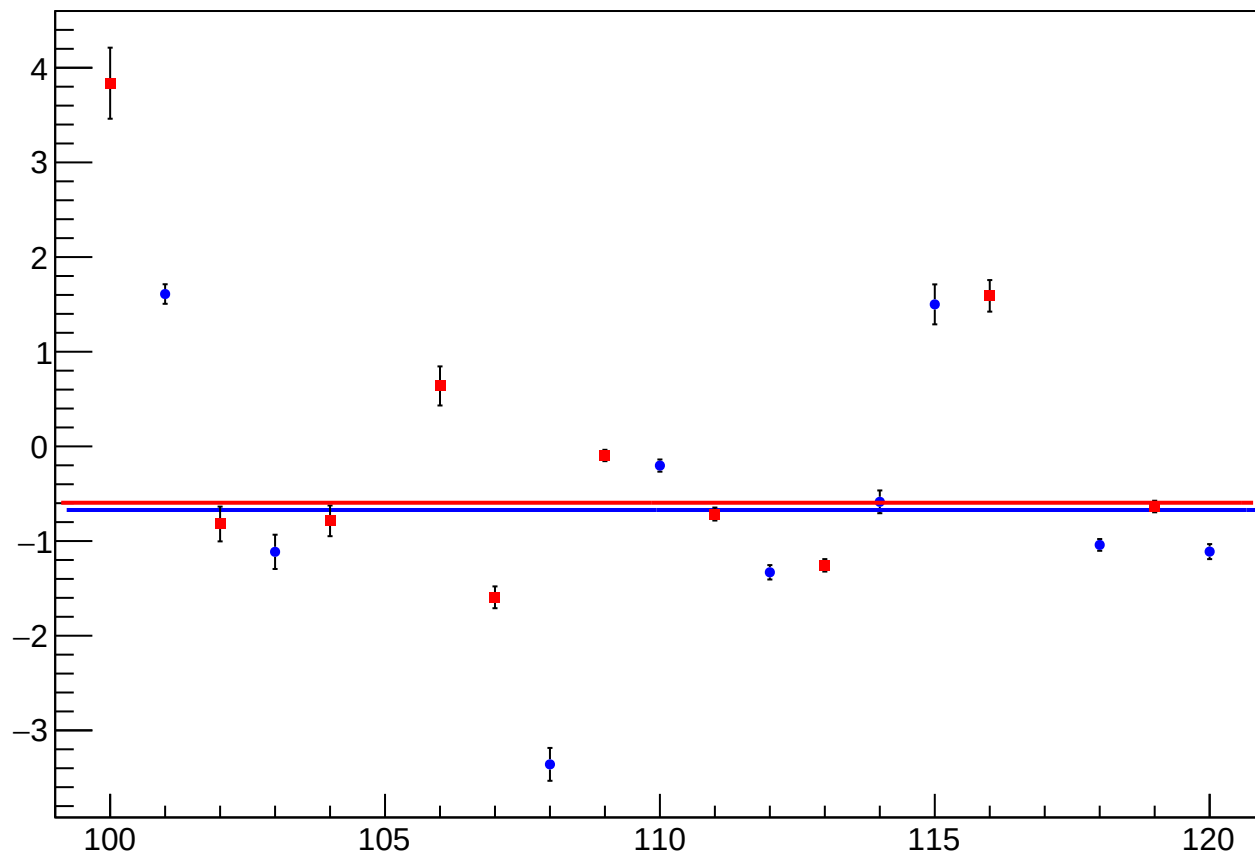
Right: 2.565+/-0.019 χ^2/NDF : 68159.7/18

In: 3.110+/-0.028 χ^2/NDF : 24207.8/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.565+/-0.019 χ^2/NDF : 68159.7/18

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.672 ± 0.030 χ^2/NDF : 1033.6/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.595 ± 0.029 χ^2/NDF : 598.4/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

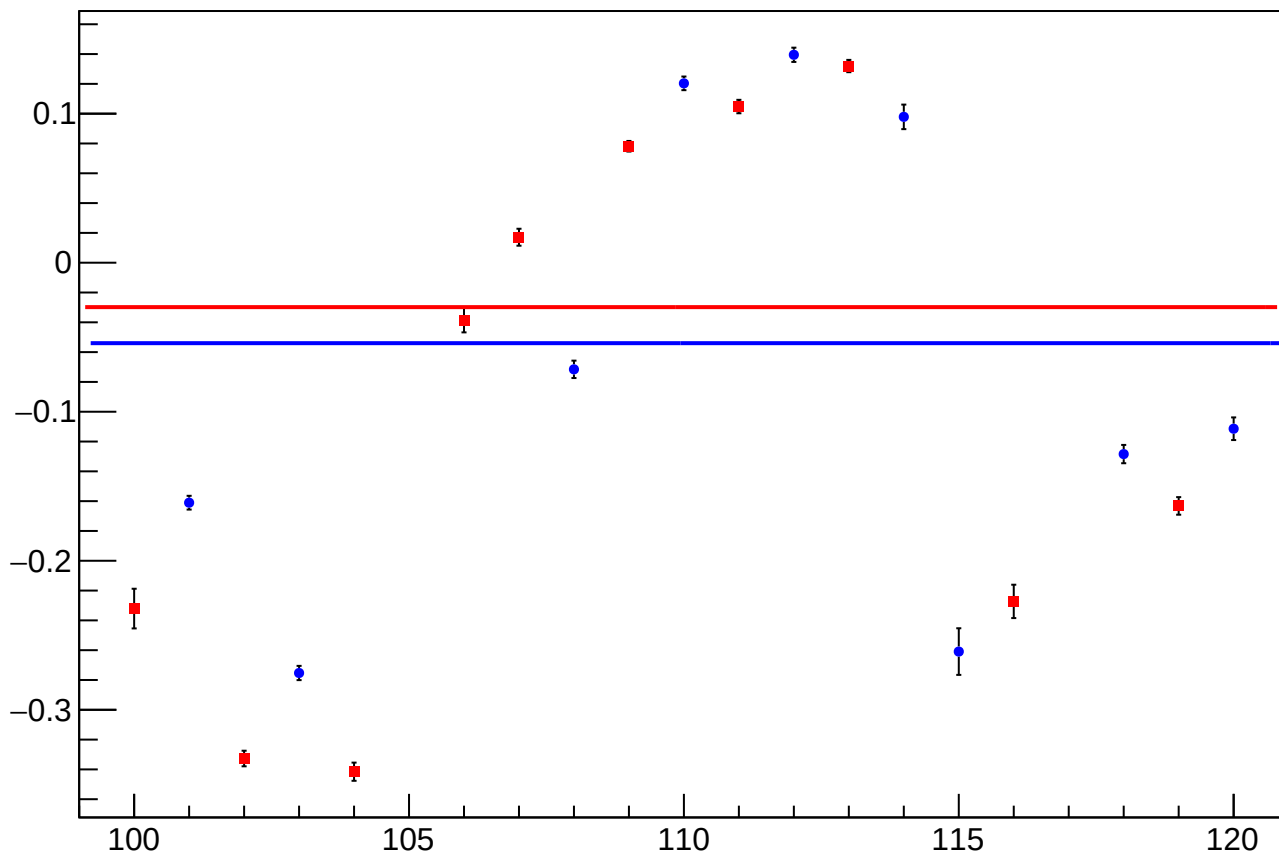
Right: -0.632 ± 0.021 χ^2/NDF : 1635.3/18

In: -0.672 ± 0.030 χ^2/NDF : 1033.6/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.632 ± 0.021 χ^2/NDF : 1635.3/18

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.054 ± 0.002 χ^2/NDF : 6497.4/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.030 ± 0.002 χ^2/NDF : 10435.5/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

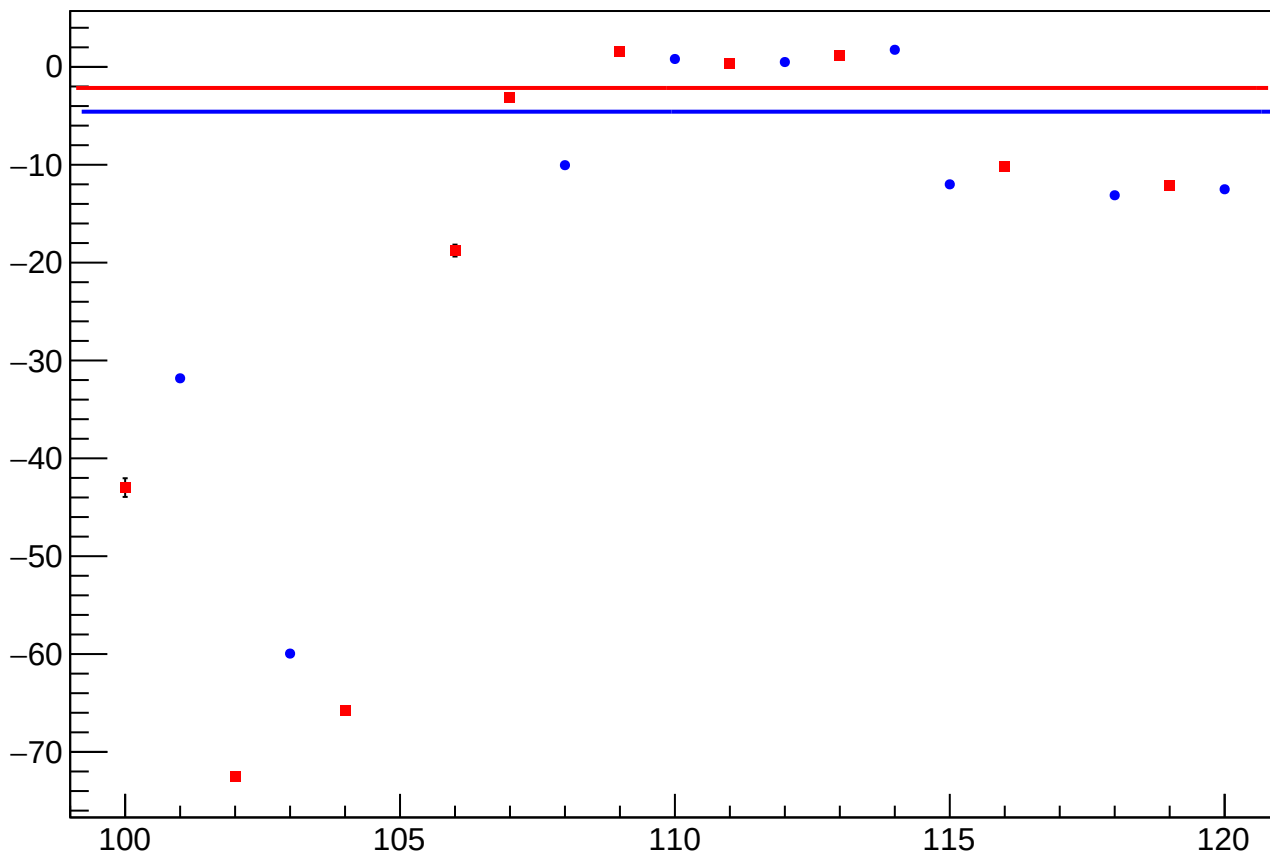
Right: -0.041 ± 0.001 χ^2/NDF : 17021.5/18

In: -0.054 ± 0.002 χ^2/NDF : 6497.4/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.041 ± 0.001 χ^2/NDF : 17021.5/18

reg_asym_bcm_an_us_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.575+/-0.066 χ^2/NDF : 32729.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.150+/-0.053 χ^2/NDF : 50729.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

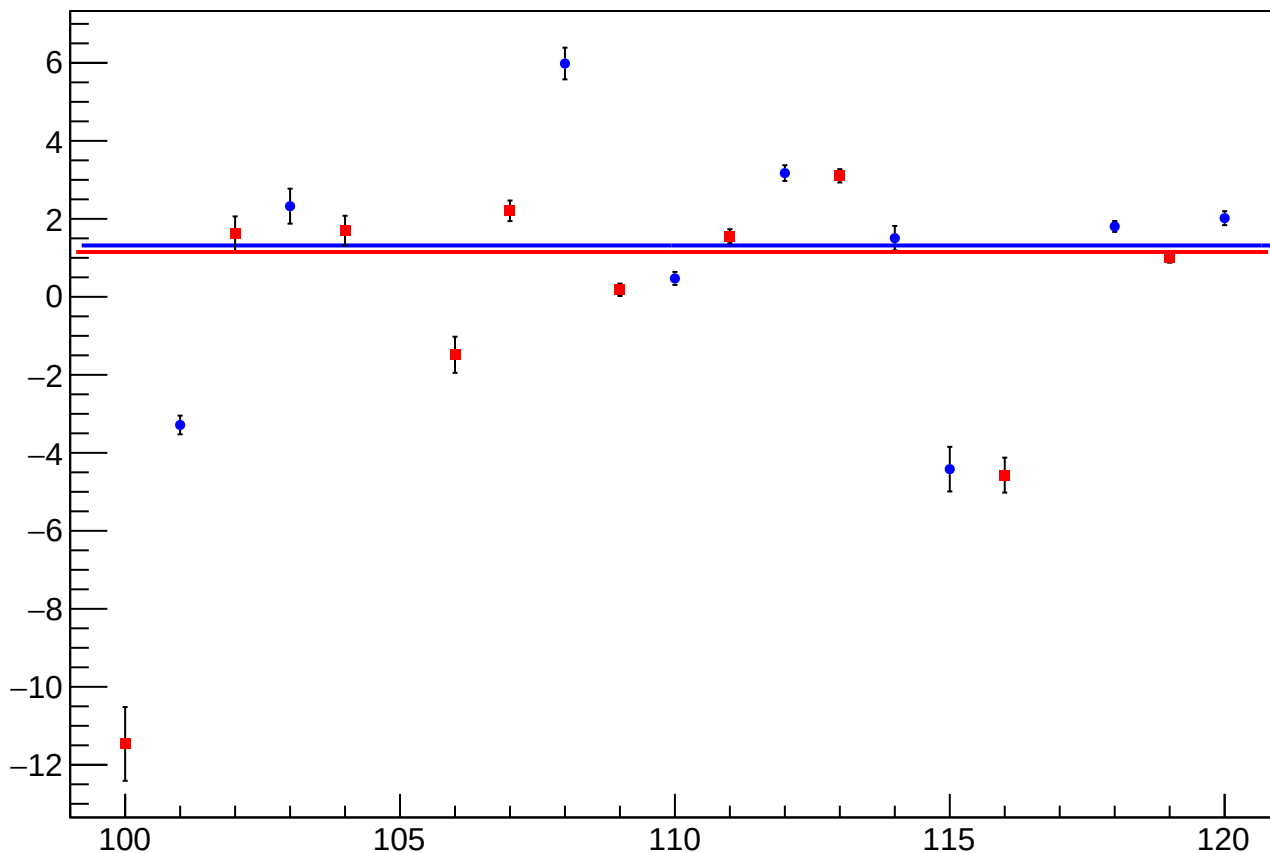
Right: -3.097+/-0.041 χ^2/NDF : 84289.2/18

In: -4.575+/-0.066 χ^2/NDF : 32729.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.097+/-0.041 χ^2/NDF : 84289.2/18

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.317+/-0.073 χ^2/NDF : 744.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.150+/-0.072 χ^2/NDF : 566.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

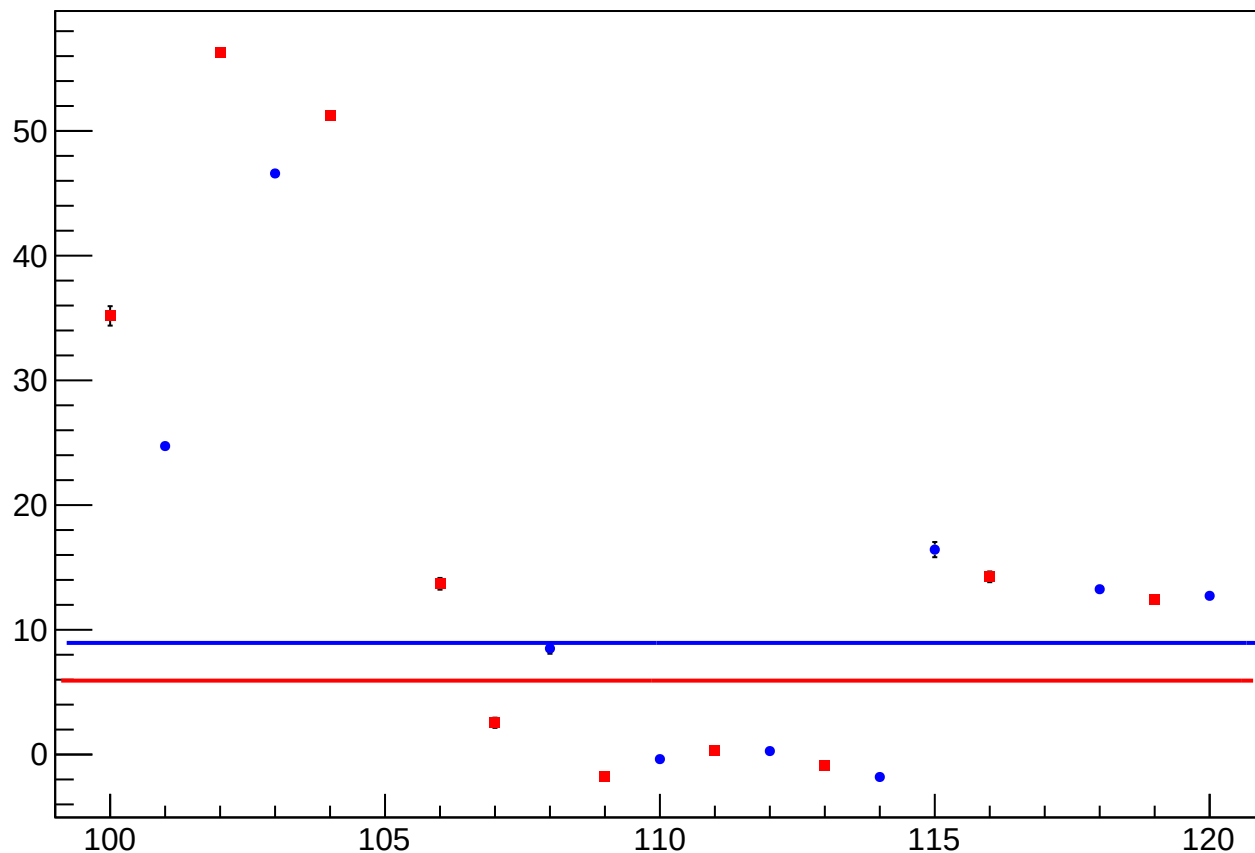
Right: 1.232+/-0.051 χ^2/NDF : 1313.3/18

In: 1.317+/-0.073 χ^2/NDF : 744.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.232+/-0.051 χ^2/NDF : 1313.3/18

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 8.949+/-0.081 χ^2/NDF : 24967.6/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.926+/-0.072 χ^2/NDF : 44327.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

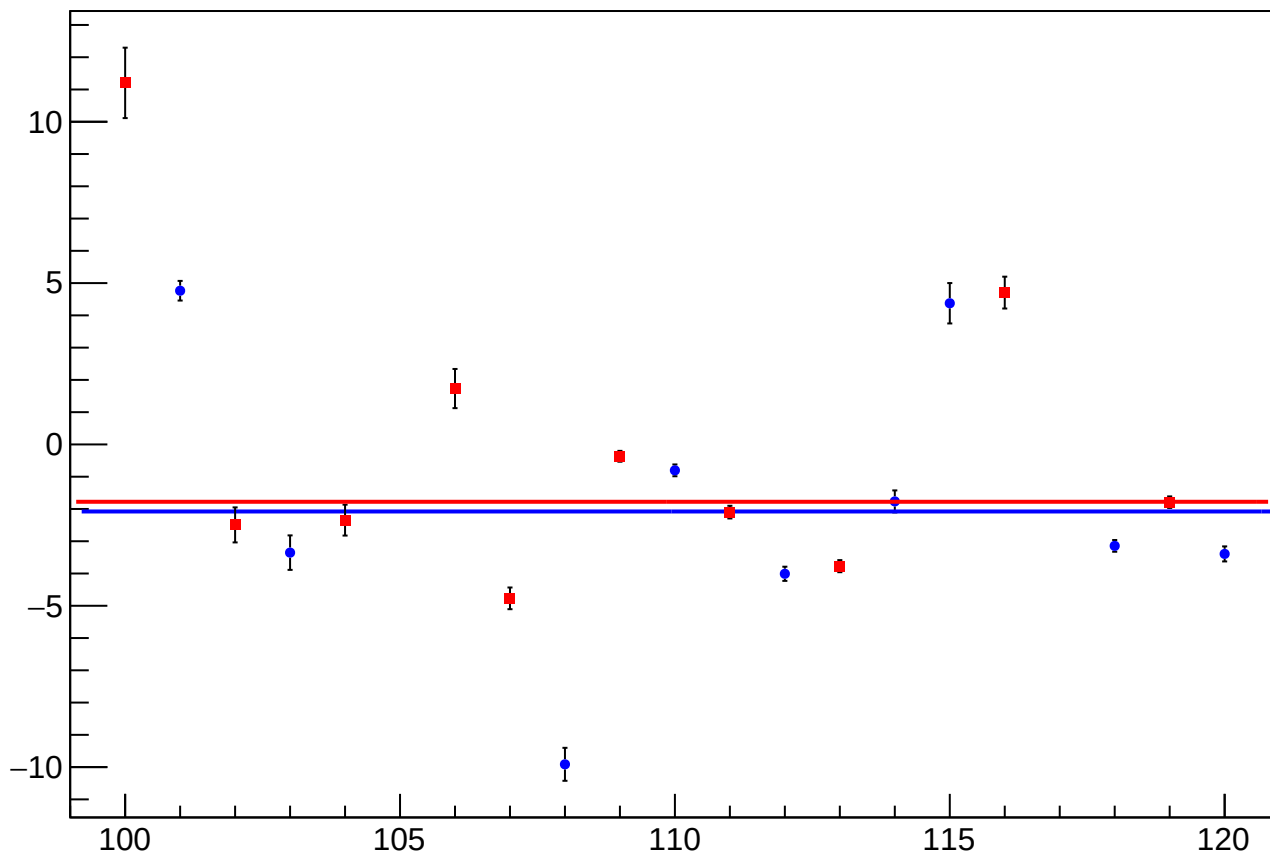
Right: 7.247+/-0.054 χ^2/NDF : 70072.4/18

In: 8.949+/-0.081 χ^2/NDF : 24967.6/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.247+/-0.054 χ^2/NDF : 70072.4/18

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.078 ± 0.088 $\chi^2/\text{NDF}: 1045.0/8$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.777 ± 0.083 $\chi^2/\text{NDF}: 616.8/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

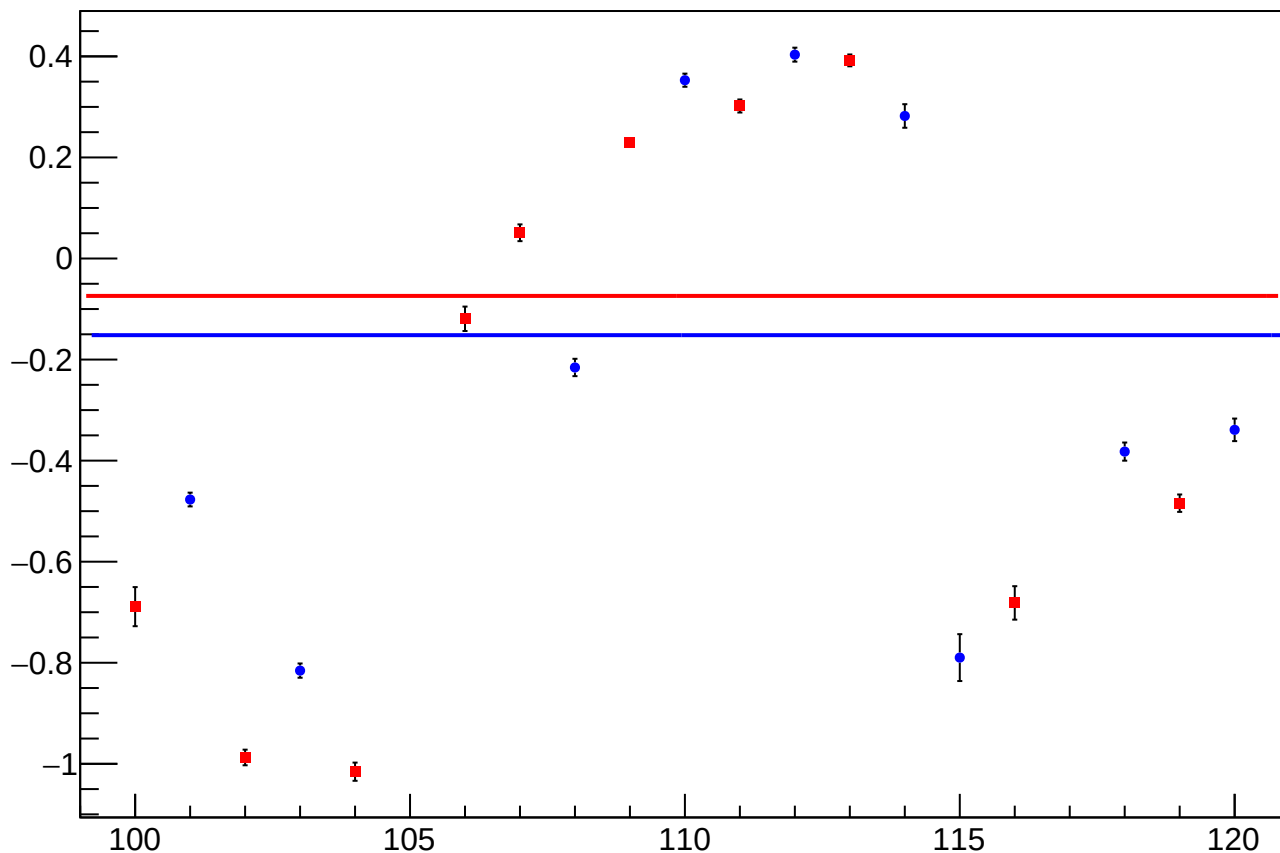
Right: -1.918 ± 0.060 $\chi^2/\text{NDF}: 1668.0/18$

In: -2.078 ± 0.088 $\chi^2/\text{NDF}: 1045.0/8$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.918 ± 0.060 $\chi^2/\text{NDF}: 1668.0/18$

reg_asym_bcm_an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.152 ± 0.006 χ^2/NDF : 6689.5/8

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.074 ± 0.005 χ^2/NDF : 10794.7/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

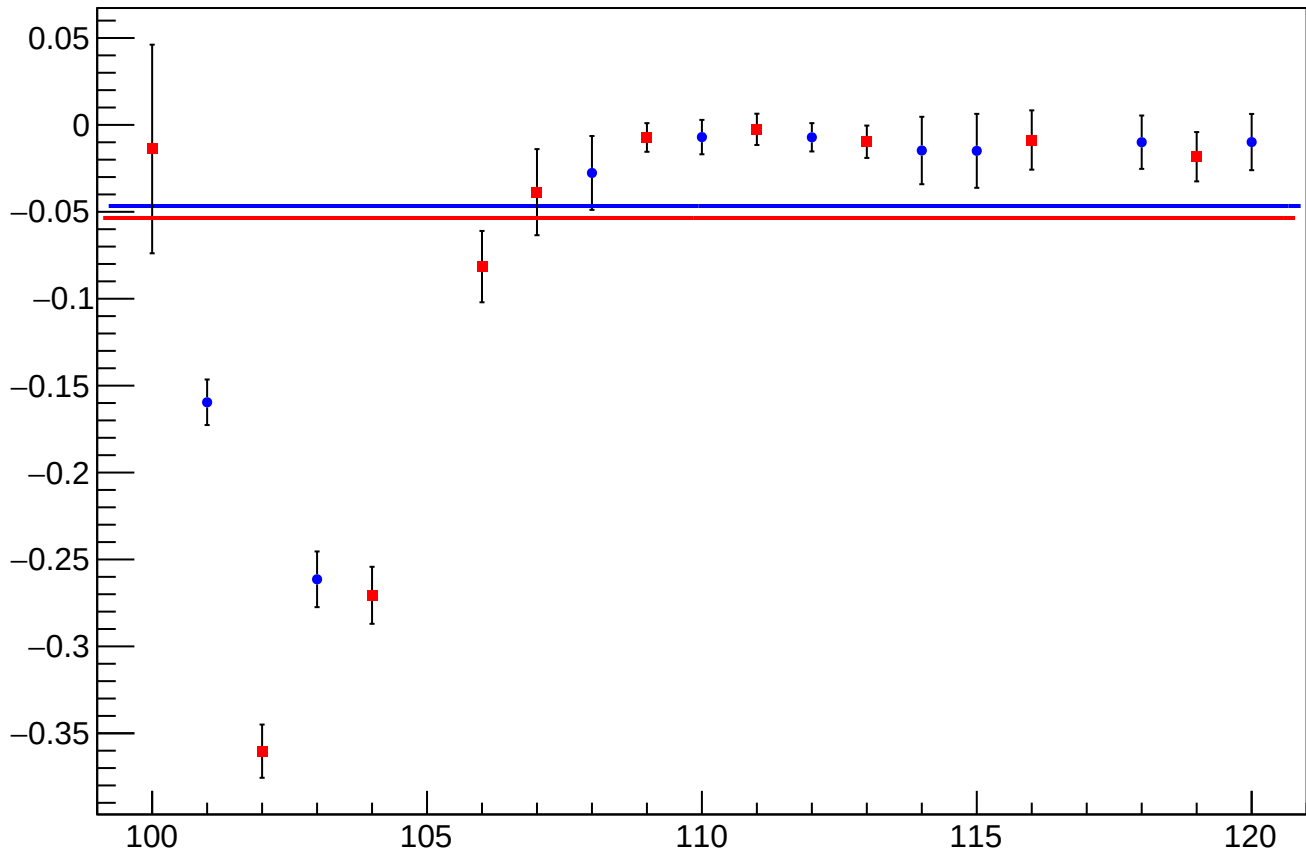
Right: -0.108 ± 0.004 χ^2/NDF : 17593.2/18

In: -0.152 ± 0.006 χ^2/NDF : 6689.5/8

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.108 ± 0.004 χ^2/NDF : 17593.2/18

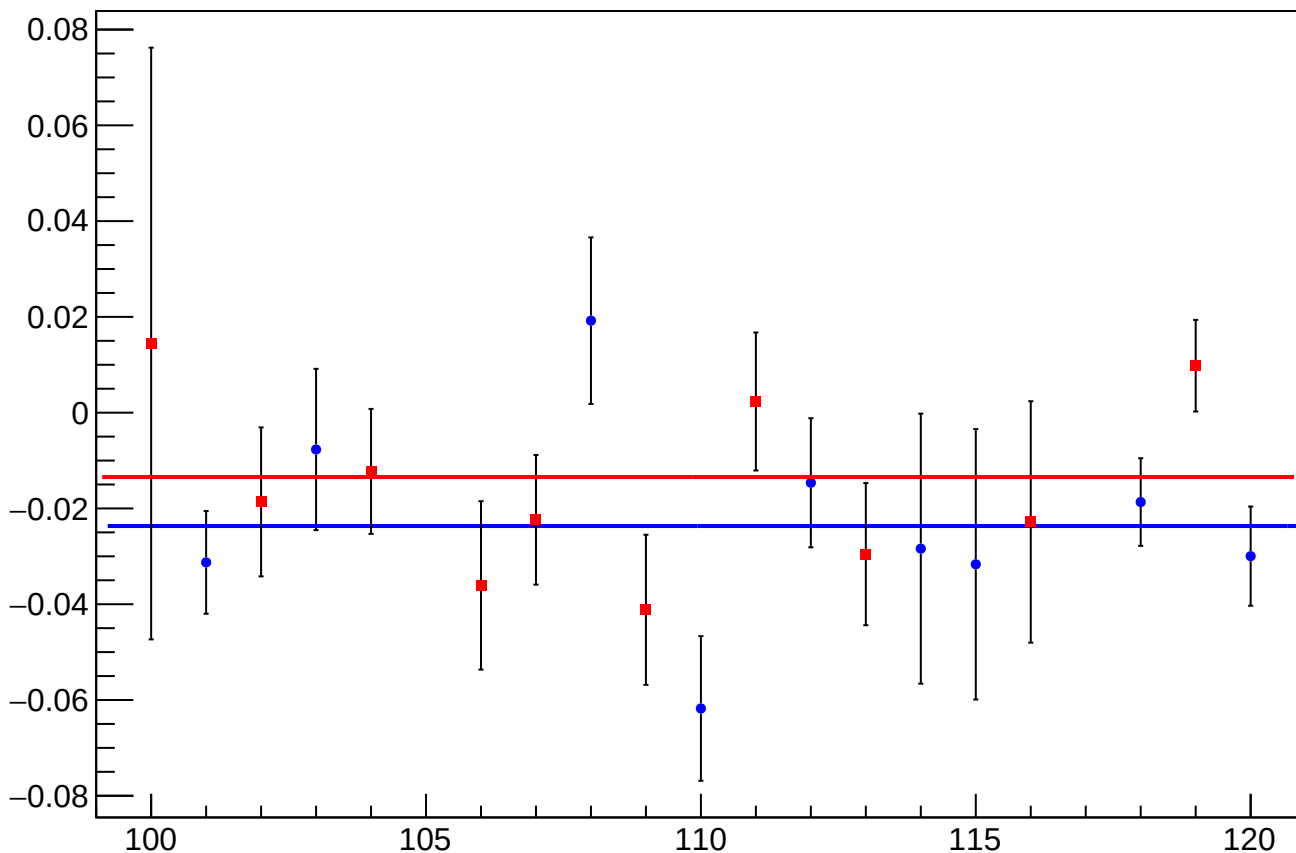
reg_asym_bcm_an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.047+/-0.004 χ^2/NDF : 310.3/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.054+/-0.004 χ^2/NDF : 678.0/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.050+/-0.003 χ^2/NDF : 989.7/18
 In: -0.047+/-0.004 χ^2/NDF : 310.3/8
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.050+/-0.003 χ^2/NDF : 989.7/18

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.024+/-0.005 χ^2/NDF : 15.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.013+/-0.005 χ^2/NDF : 14.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

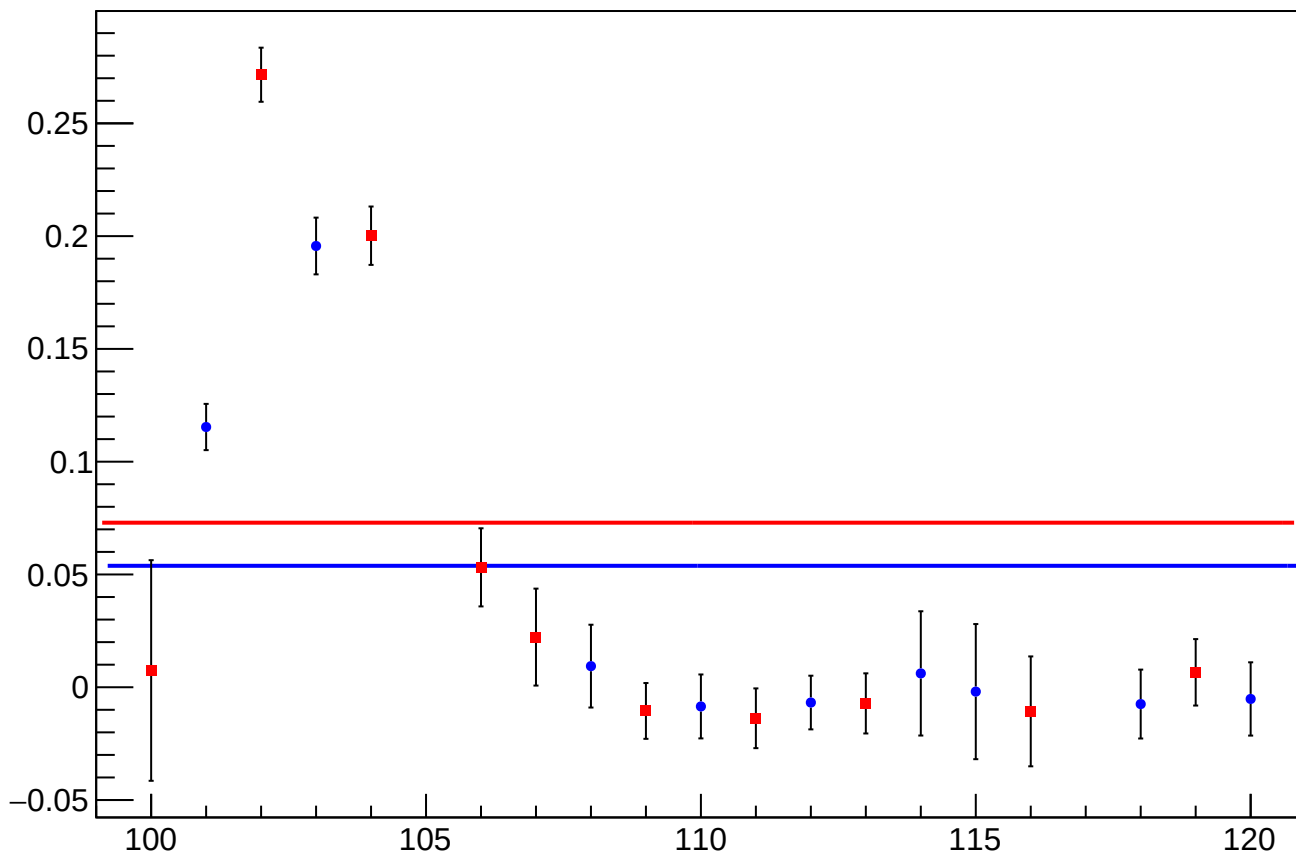
Right: -0.019+/-0.003 χ^2/NDF : 31.5/18

In: -0.024+/-0.005 χ^2/NDF : 15.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.019+/-0.003 χ^2/NDF : 31.5/18

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.054+/-0.005 χ^2/NDF : 250.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.073+/-0.005 χ^2/NDF : 536.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

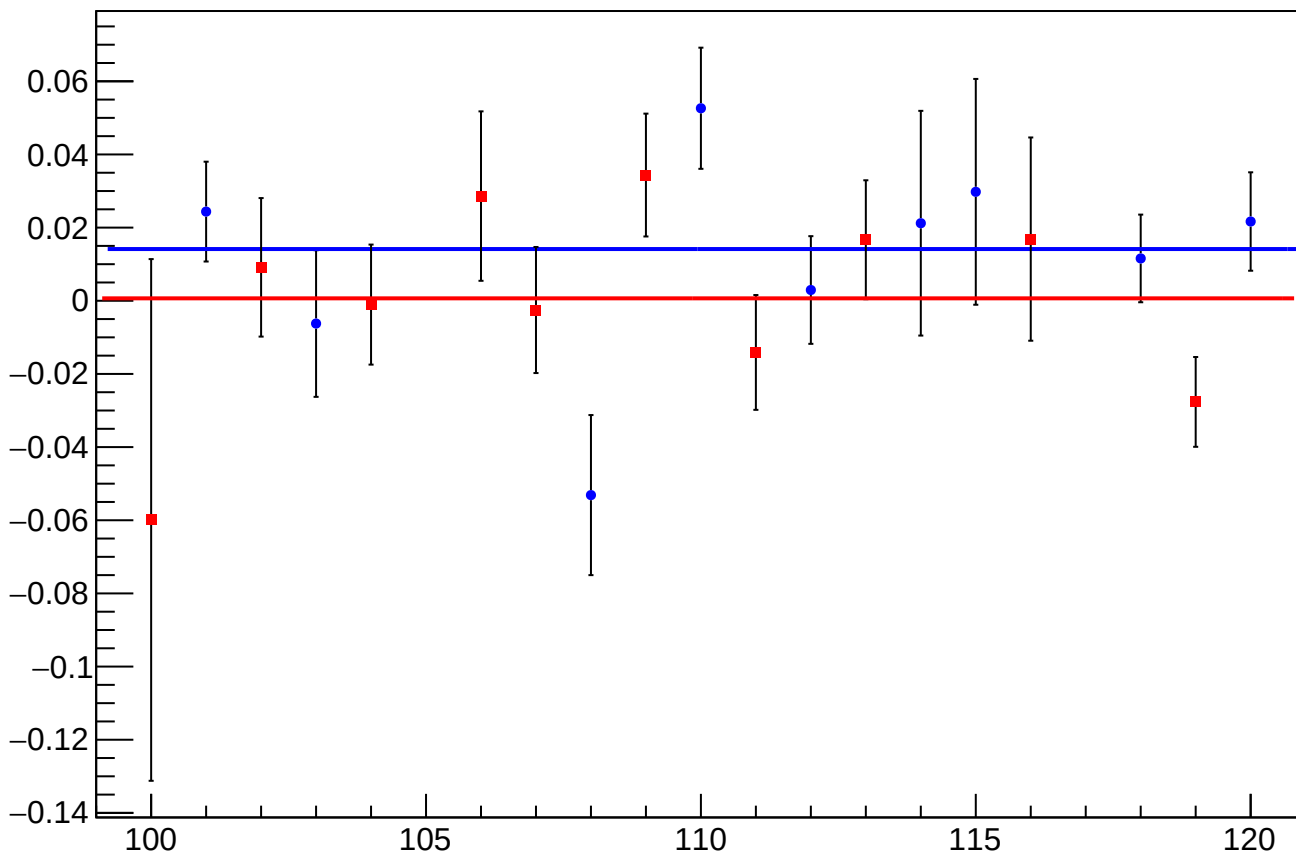
Right: 0.064+/-0.003 χ^2/NDF : 793.9/18

In: 0.054+/-0.005 χ^2/NDF : 250.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.064+/-0.003 χ^2/NDF : 793.9/18

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.006 χ^2 /NDF: 17.7/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.006 χ^2 /NDF: 14.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

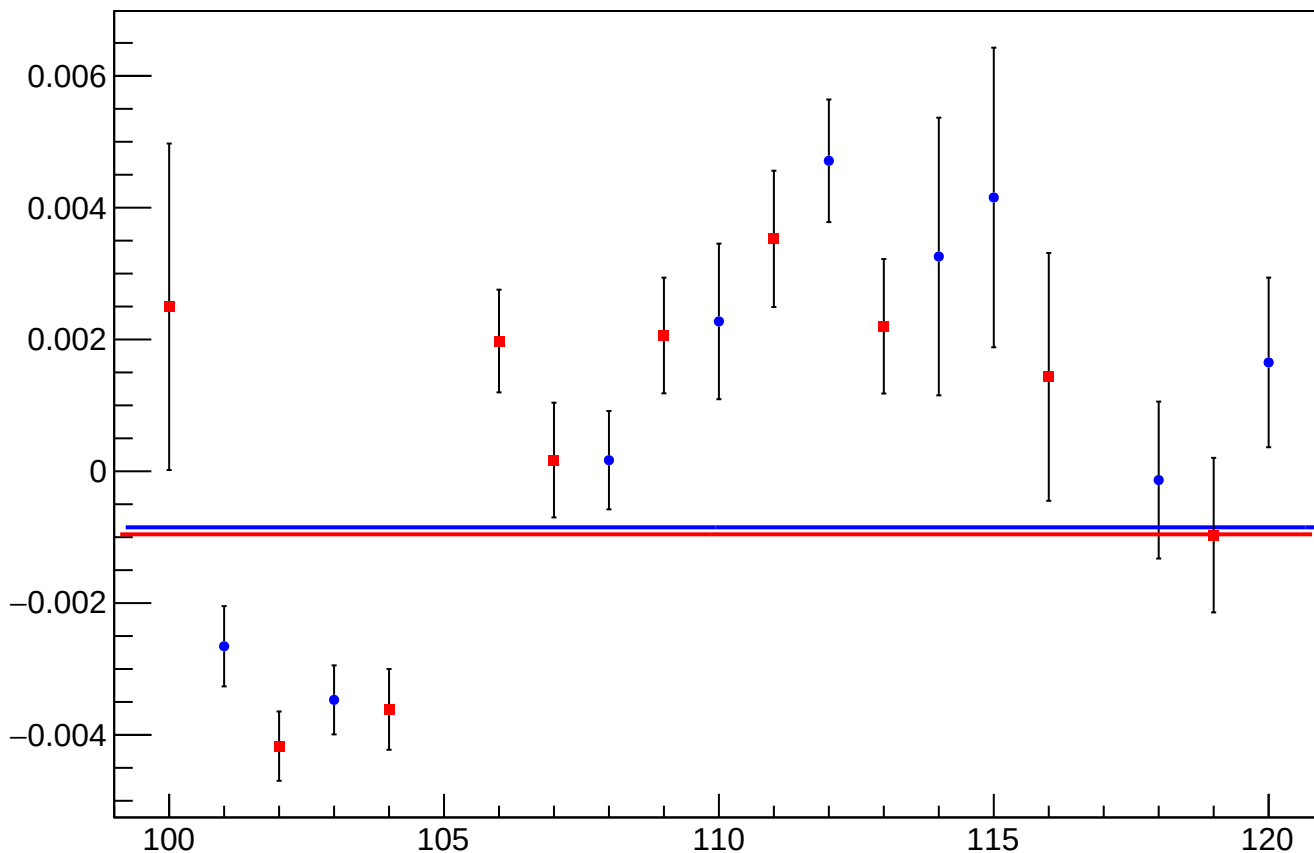
Right: 0.008 $\pm$ 0.004 χ^2 /NDF: 34.6/18

In: 0.014 $\pm$ 0.006 χ^2 /NDF:17.7/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.008 $\pm$ 0.004 χ^2 /NDF: 34.6/18

reg_asym_bcm_an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.001+/-0.000 χ^2/NDF : 91.2/8

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.001+/-0.000 χ^2/NDF : 115.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

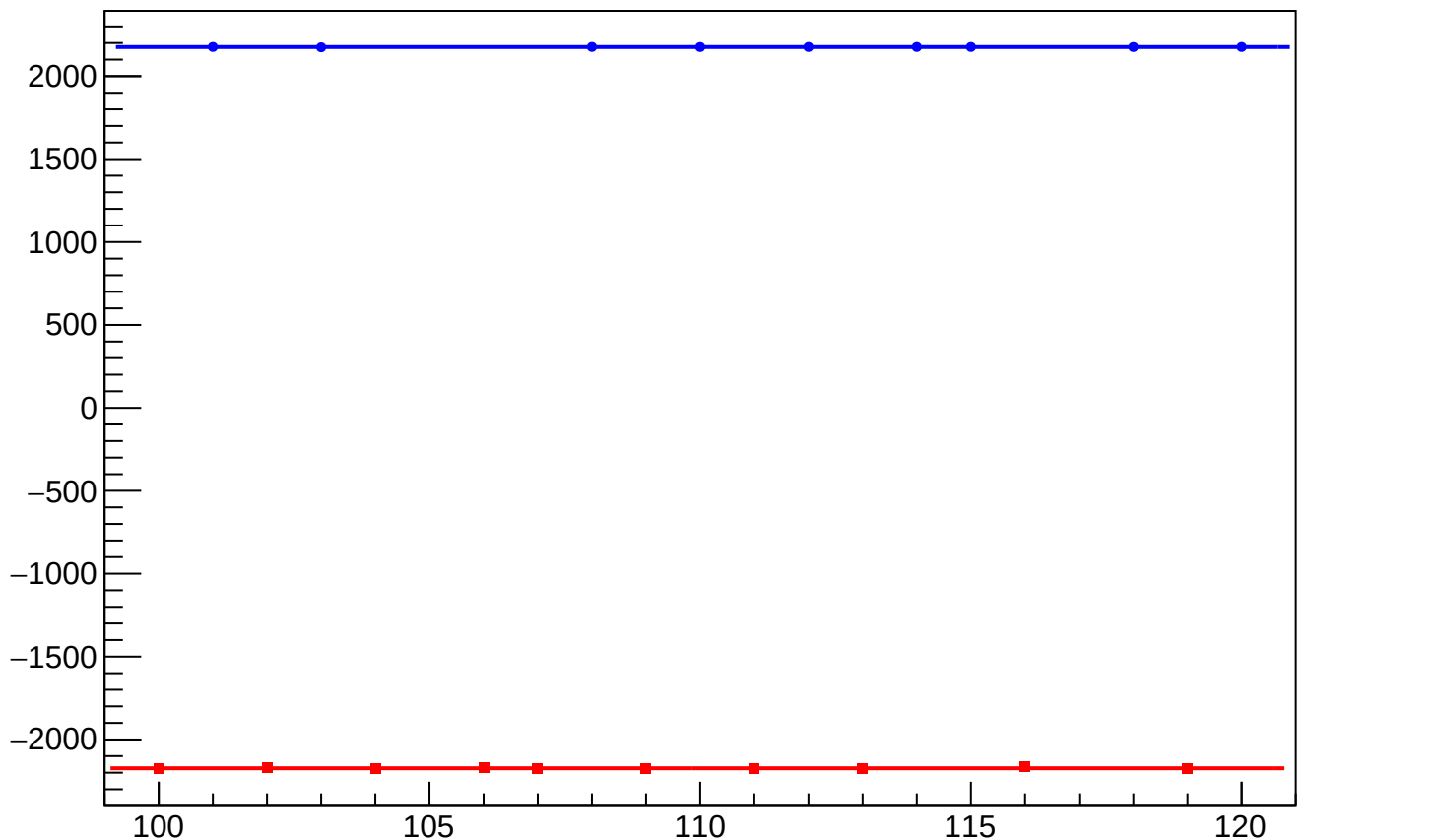
Right: -0.001+/-0.000 χ^2/NDF : 207.0/18

In: -0.001+/-0.000 χ^2/NDF :91.2/8

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

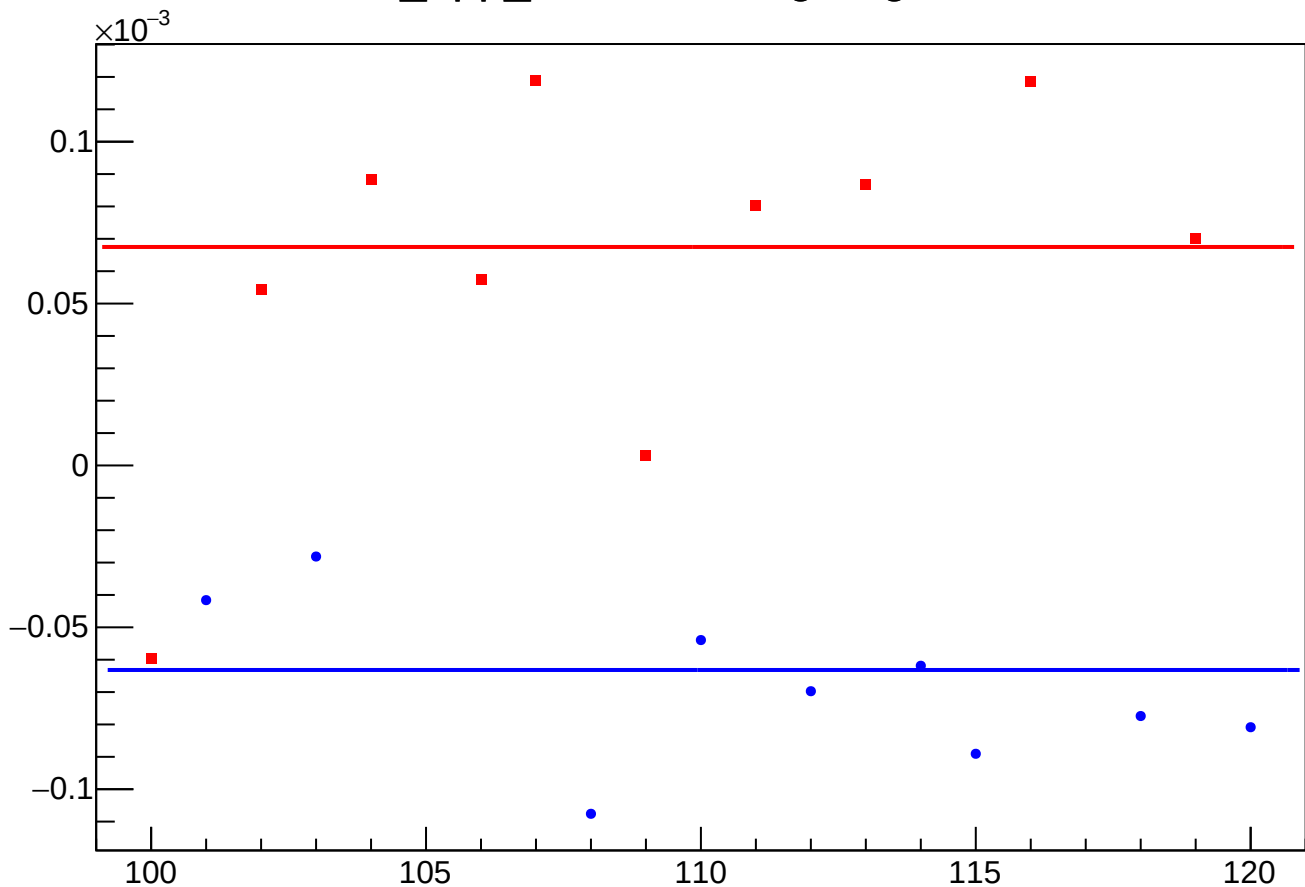
All: -0.001+/-0.000 χ^2/NDF : 207.0/18

HALLA_p_mean vs Slug, Sign Corrected



Right In: 2175.754 $\pm$ 0.000 χ^2 /NDF: 216996422062452586552673511145472.0/8
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Right Out: -2173.388 $\pm$ 0.000 χ^2 /NDF: 4144899385795185526230129800380416.0/9
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
All: -123.855 $\pm$ 0.000 χ^2 /NDF: 37705037438359

HALLA_dpp_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000

χ^2/NDF : 226040044927857102684160.0/8

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000

χ^2/NDF : 527953631295737356615680.0/9

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.000+/-0.000

χ^2/NDF : 41569330994724181

In: -0.000+/-0.000

χ^2/NDF : 226040044927857102

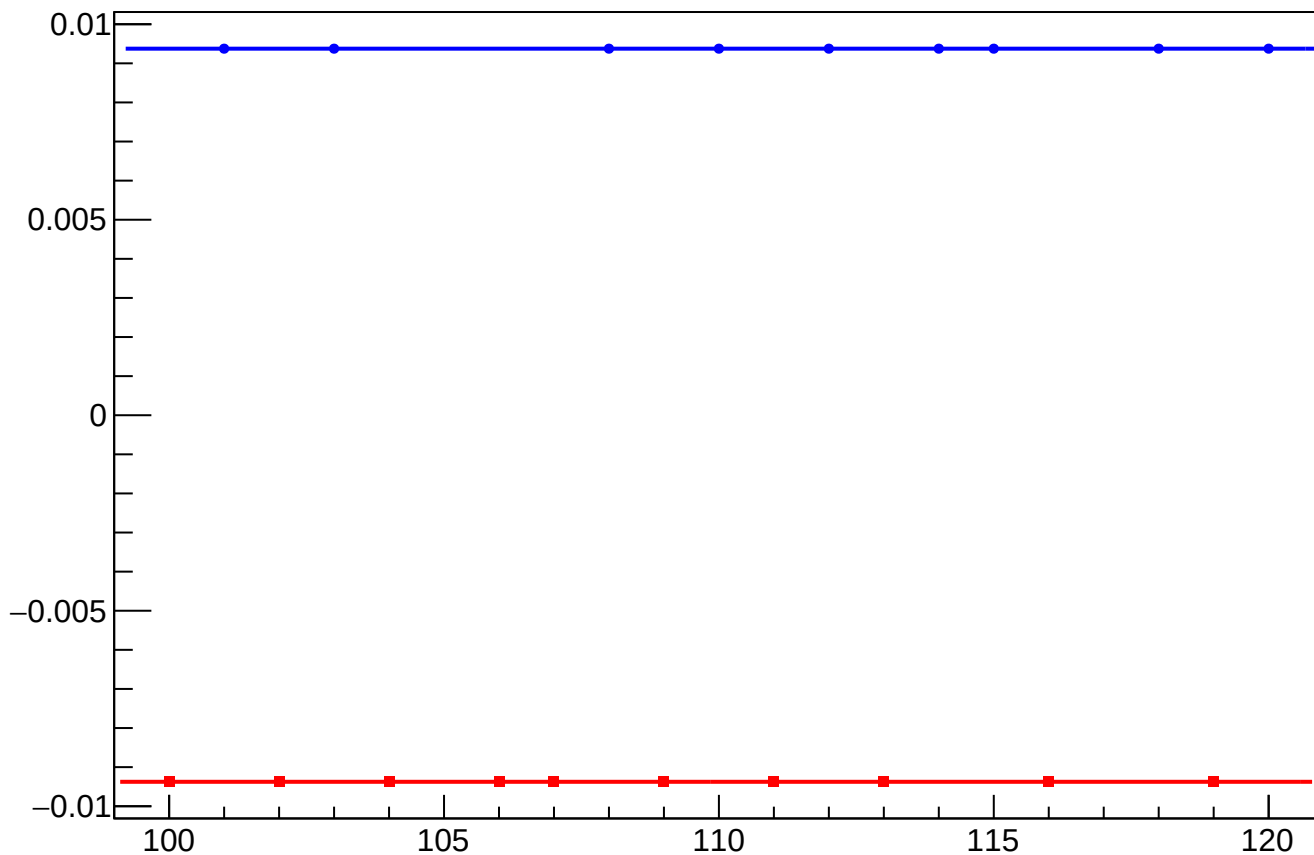
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.000+/-0.000

χ^2/NDF : 41569330994724

MQ171LM_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

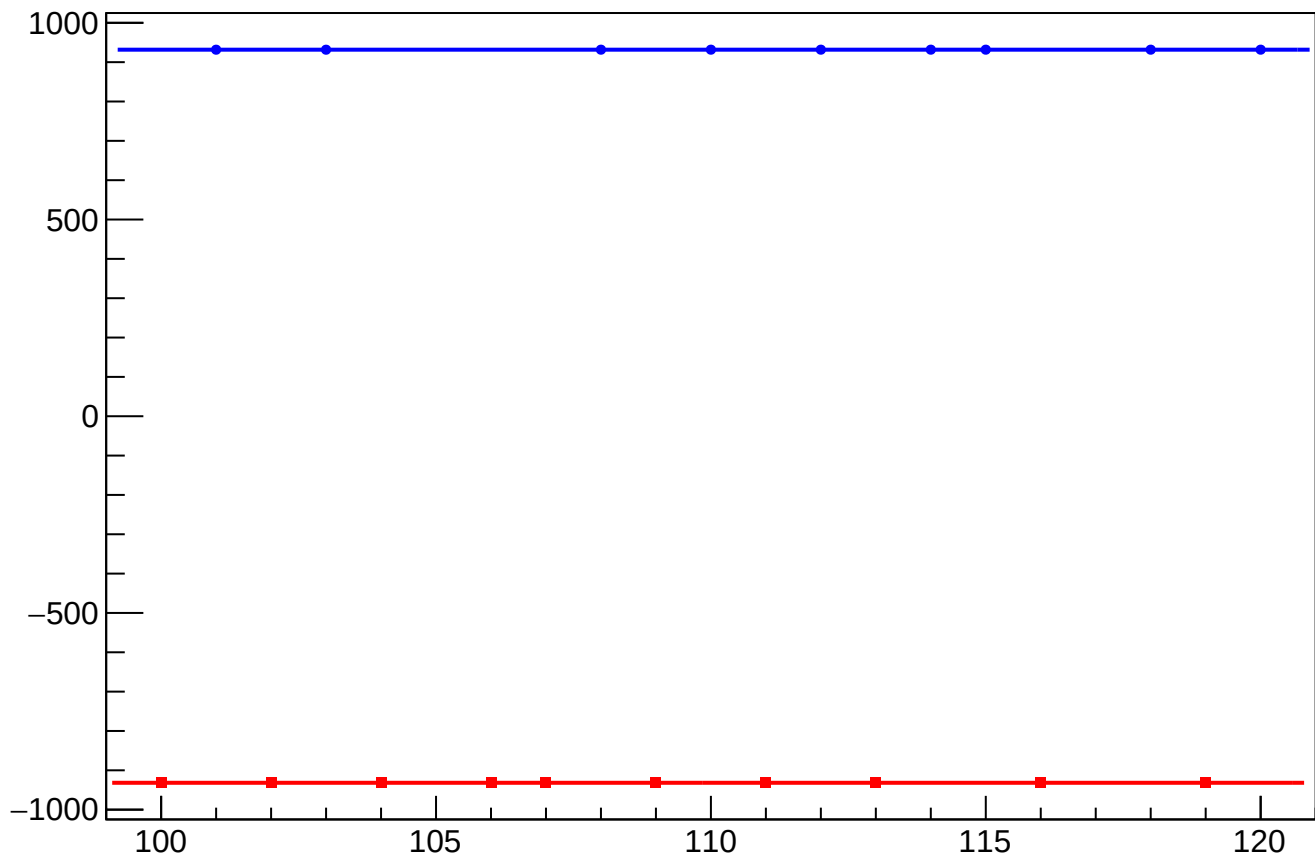
Right: -0.001 $\pm$ 0.000 χ^2 /NDF: 7008002929687494

In: 0.009 $\pm$ 0.000 χ^2 /NDF:0.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

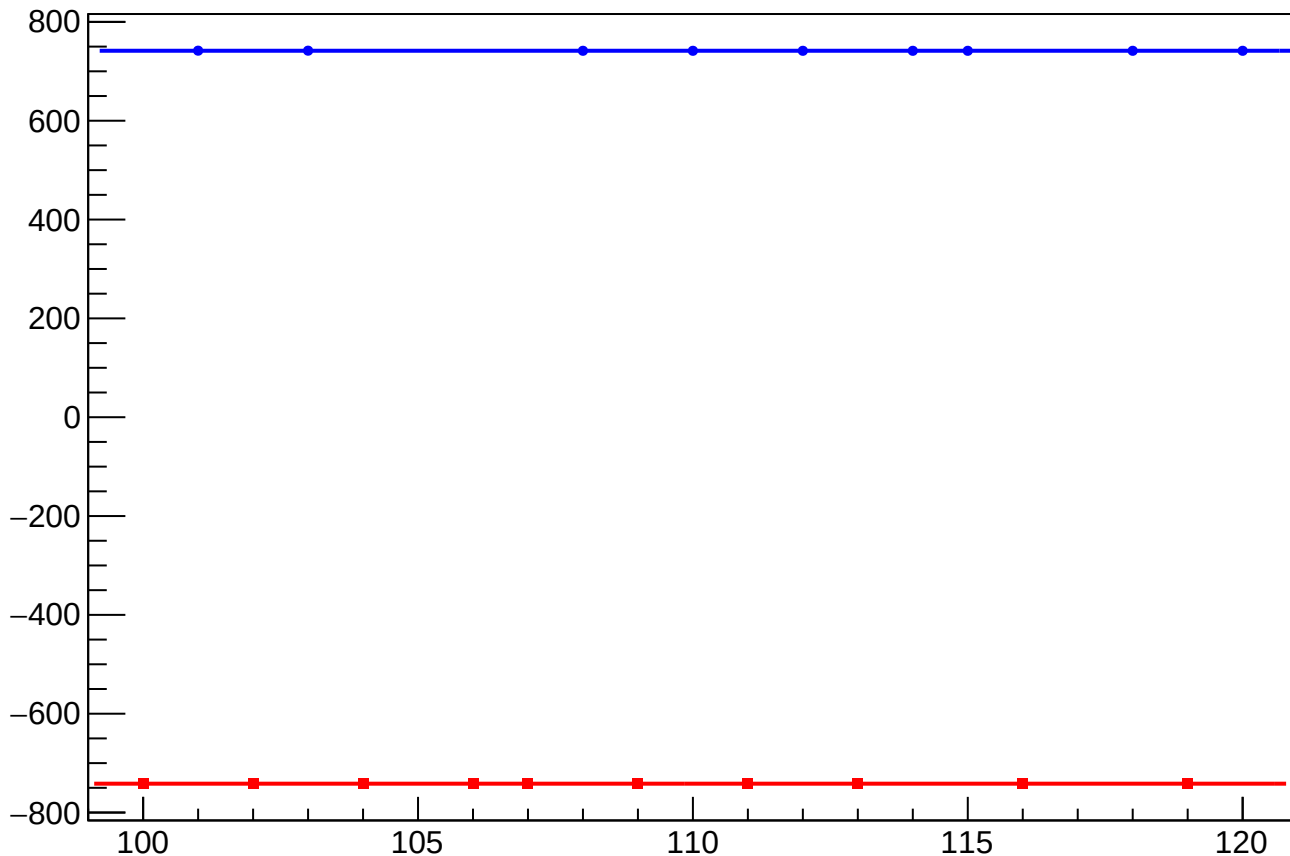
All: -0.001 $\pm$ 0.000 χ^2 /NDF: 7008002929687

HacL_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



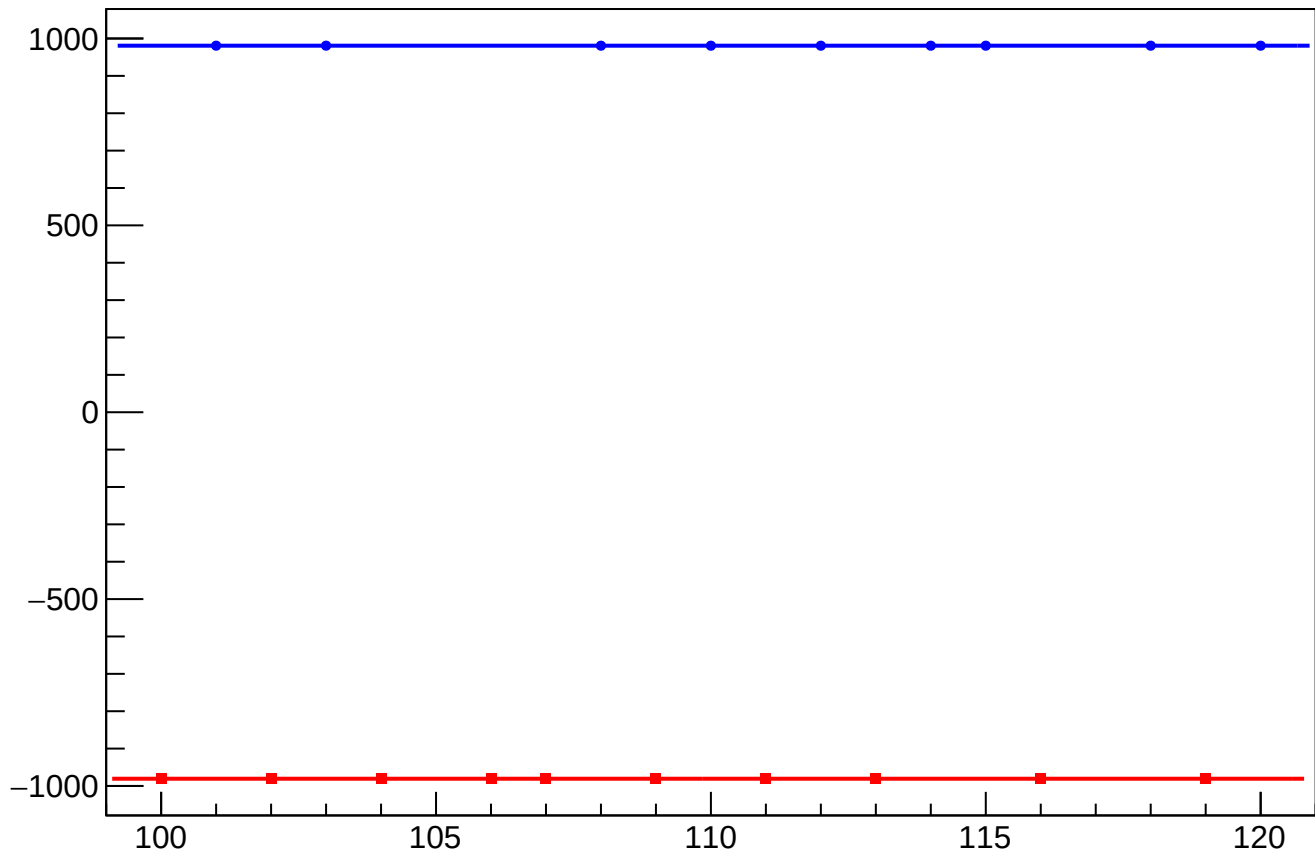
Right In: 931.722+/-0.000 χ^2/NDF : 332311288714504522632311865344.0/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -931.724+/-0.000 χ^2/NDF : 362848239550994896421365219328.0/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -53.575+/-0.000 χ^2/NDF : 692189989052080

HacL_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



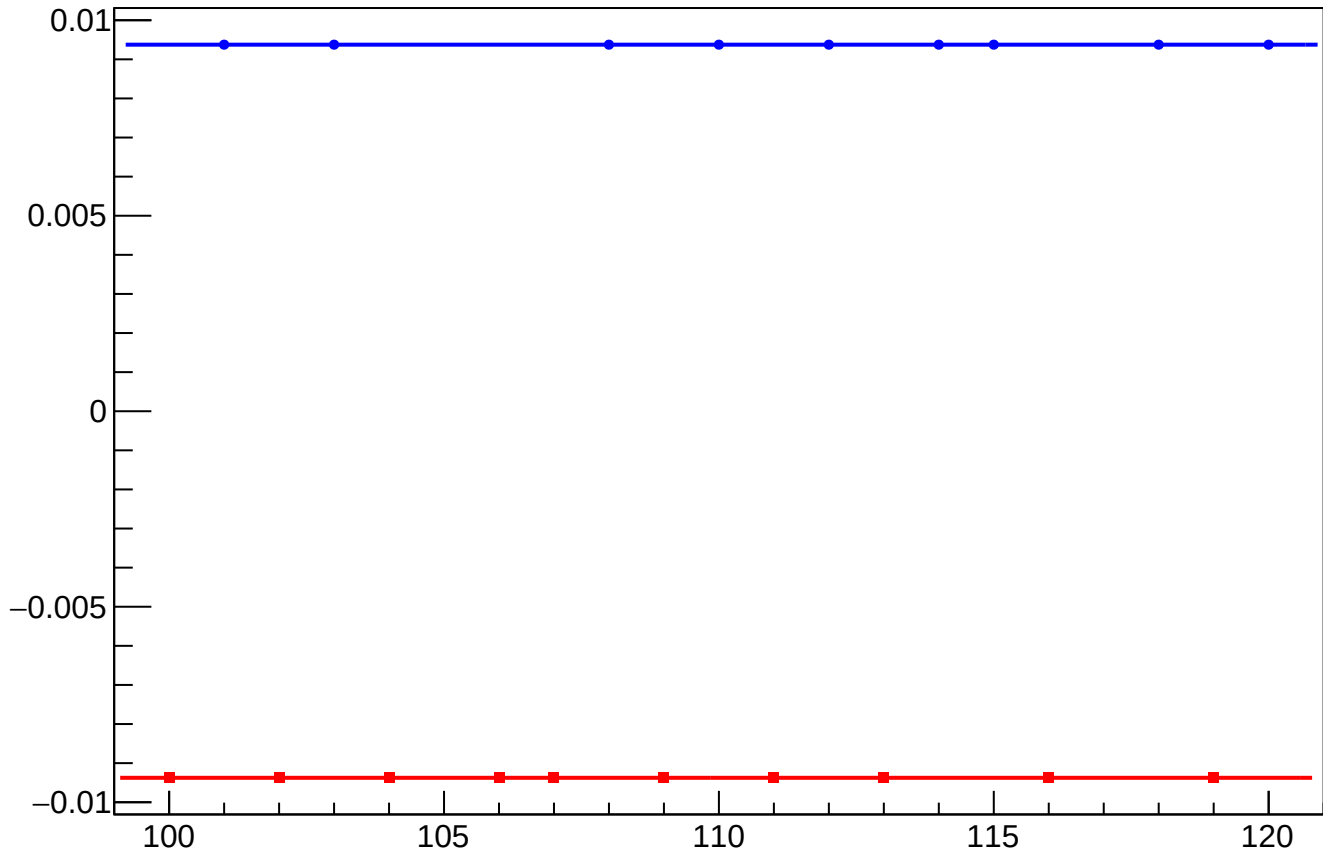
Right In: 741.608+/-0.000 χ^2/NDF : 5224868013068824709205273346048.0/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -741.616+/-0.000 χ^2/NDF : 6239036712655266590058040262656.0/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -42.646+/-0.000 χ^2/NDF : 438535895366847.0/8

HacL_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 980.780+/-0.000 χ^2/NDF : 254208384088713833664305168384.0/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -980.650+/-0.000 χ^2/NDF : 50596612059289428902942674518016.0/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -56.326+/-0.000 χ^2/NDF : 766897603324926

MQ172RM_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

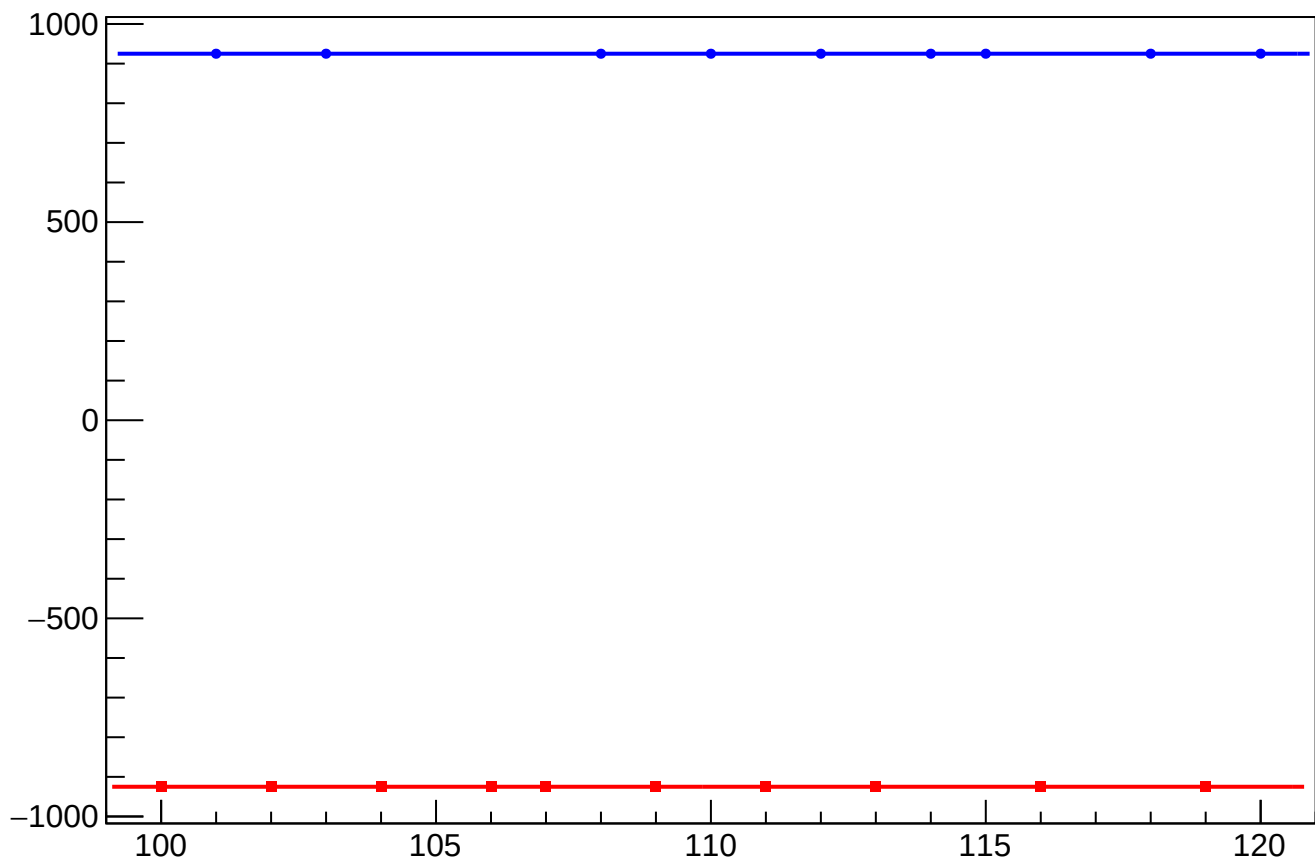
Right: -0.001+/-0.000 χ^2/NDF : 7008002929687494

In: 0.009+/-0.000 χ^2/NDF : 0.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

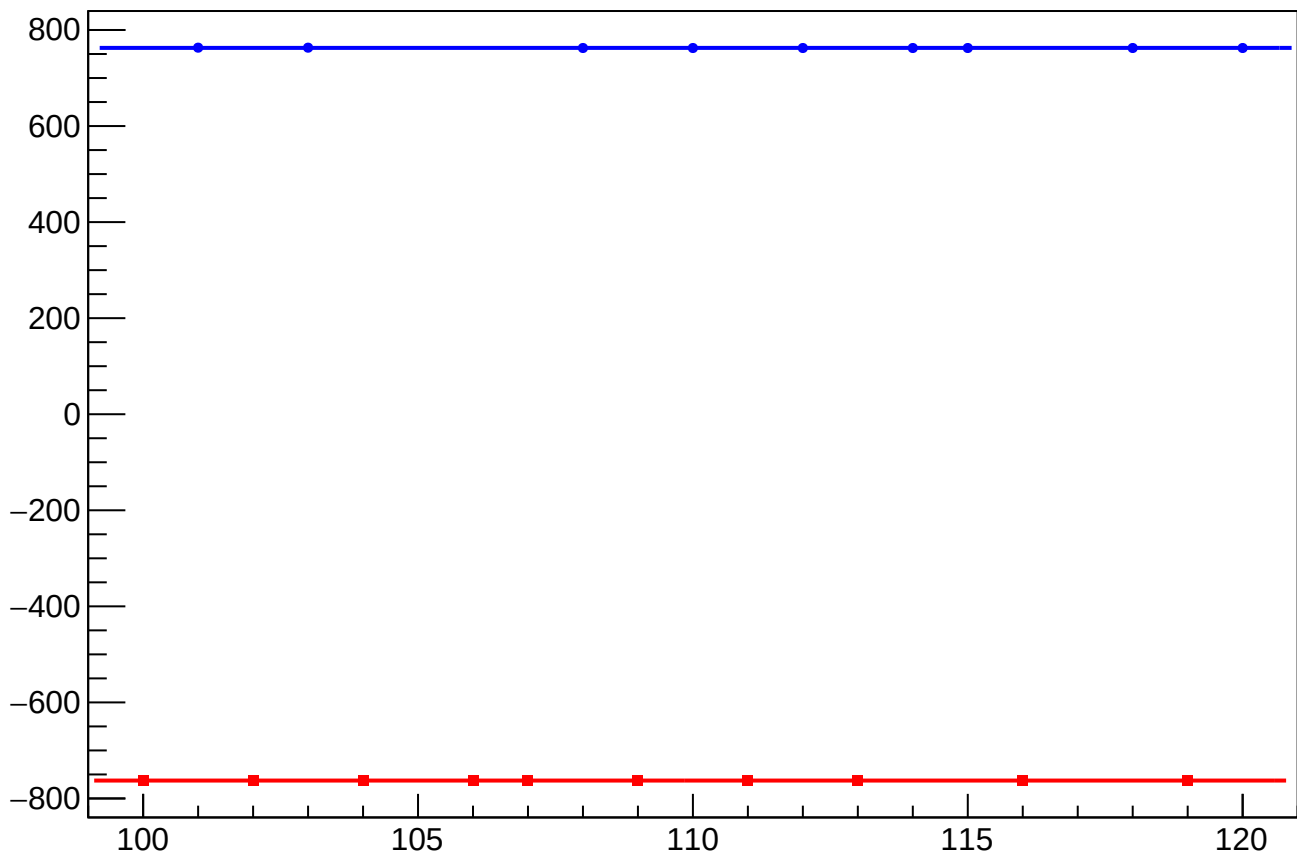
All: -0.001+/-0.000 χ^2/NDF : 7008002929687

HacR_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



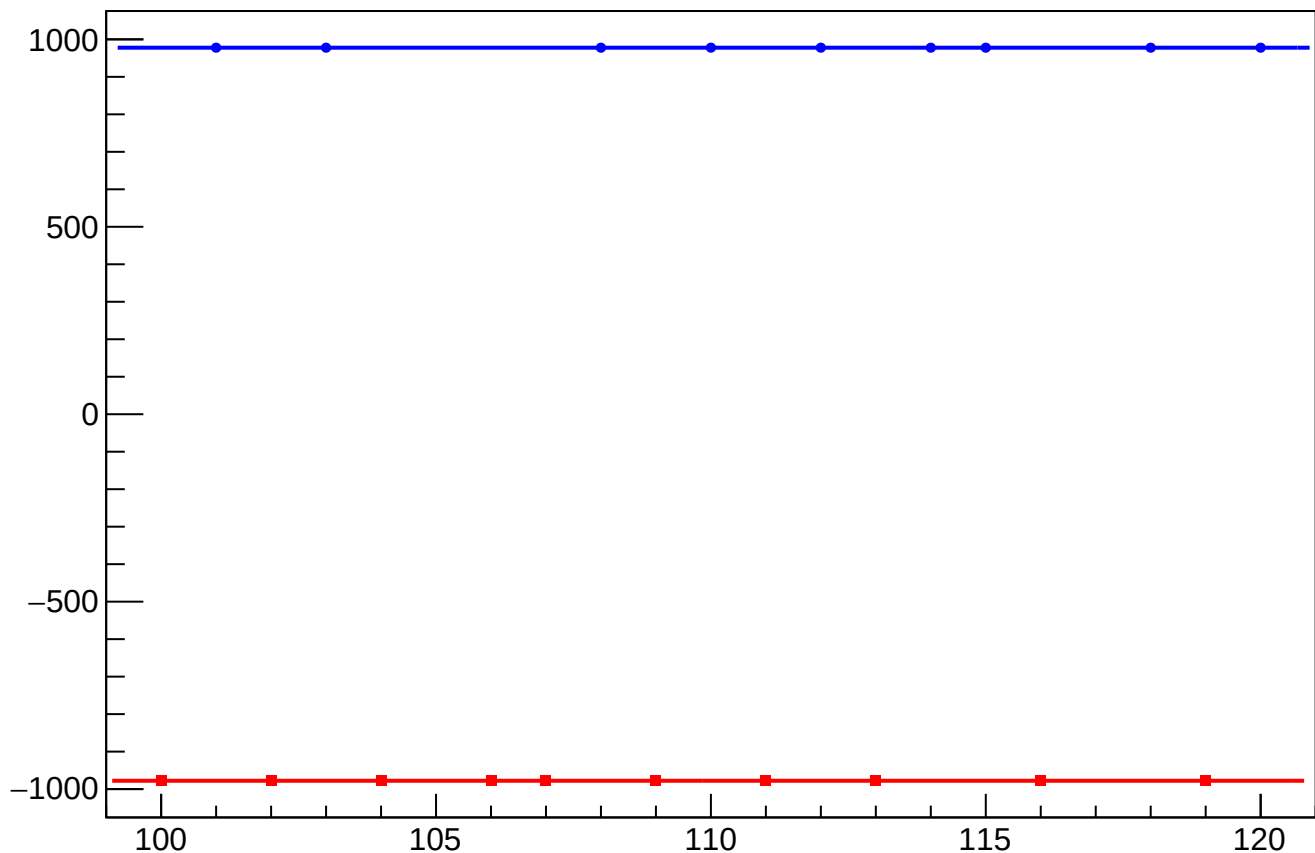
Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -53.185+/-0.000 χ^2/NDF : 682219897416842
 Right In: 924.990+/-0.000 χ^2/NDF : 776961249305238494892819218432.0/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 924.990+/-0.000 χ^2/NDF : 776961249305238494892819218432.0/8
 Right Out: -924.987+/-0.000 χ^2/NDF : 999107462202523022453582594048.0/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -53.185+/-0.000 χ^2/NDF : 682219897416842

HacR_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



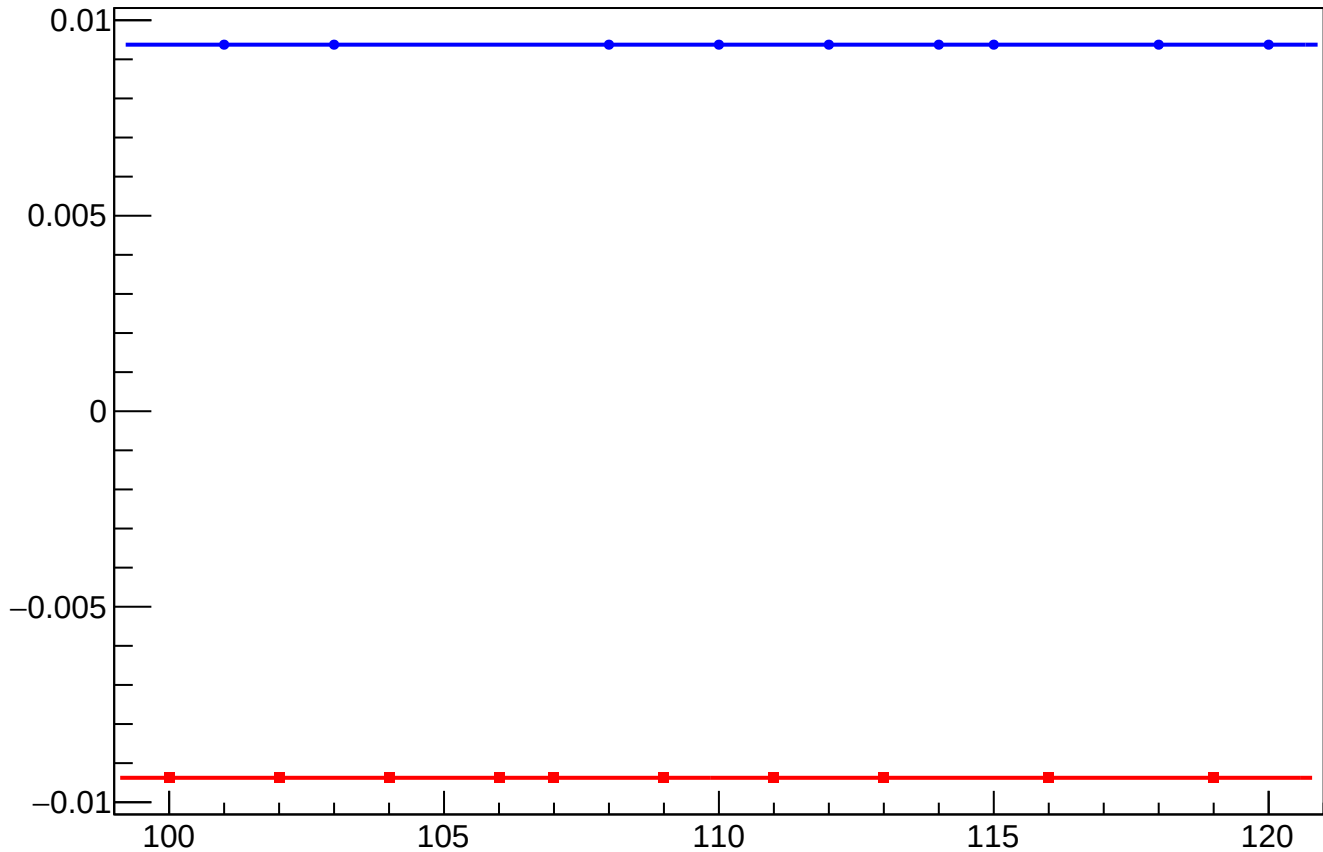
Right In: 762.732+/-0.000 χ^2/NDF : 40062076824474355028531511033856.0/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -762.712+/-0.000 χ^2/NDF : 44760231497060250597664548192256.0/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -43.846+/-0.000 χ^2/NDF : 463857474772604.0/16

HacR_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 977.756+/-0.000 χ^2/NDF : 268607479516378145634304131072.0/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -977.757+/-0.000 χ^2/NDF : 837673368323140925560641814528.0/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -56.221+/-0.000 χ^2/NDF : 762277585144958.0/17

hesDipole_current_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

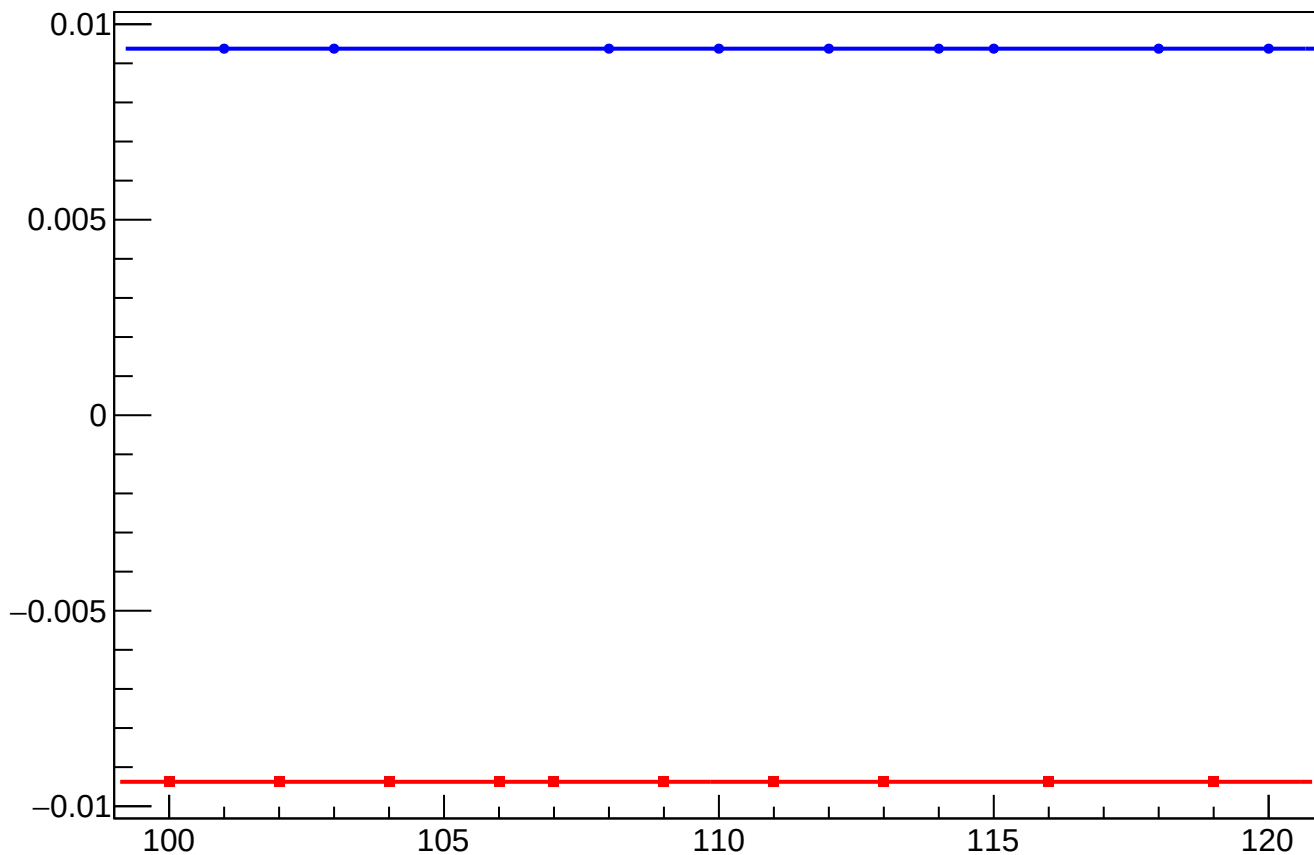
Right: -0.001+/-0.000 χ^2/NDF : 7008002929687494

In: 0.009+/-0.000 χ^2/NDF : 0.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 7008002929687

MSUPERBIGBITereadcalc_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

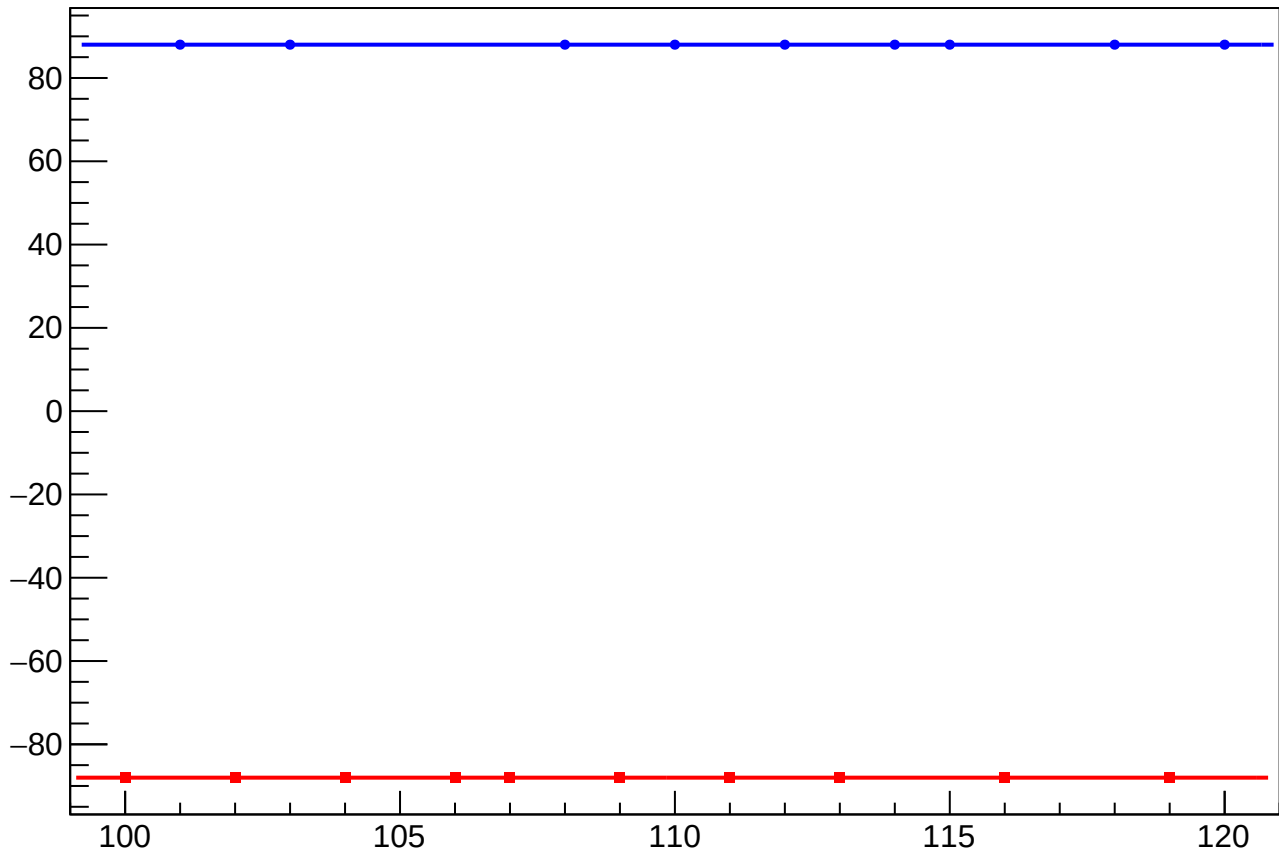
Right: -0.001+/-0.000 χ^2/NDF : 7008002929687494

In: 0.009+/-0.000 χ^2/NDF : 0.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 7008002929687

VWienAngle_mean vs Slug, Sign Corrected



Right In: 88.001+/-0.000 χ^2/NDF : 660169.3/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -88.006+/-0.000 χ^2/NDF : 68744173239657653938266570752.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

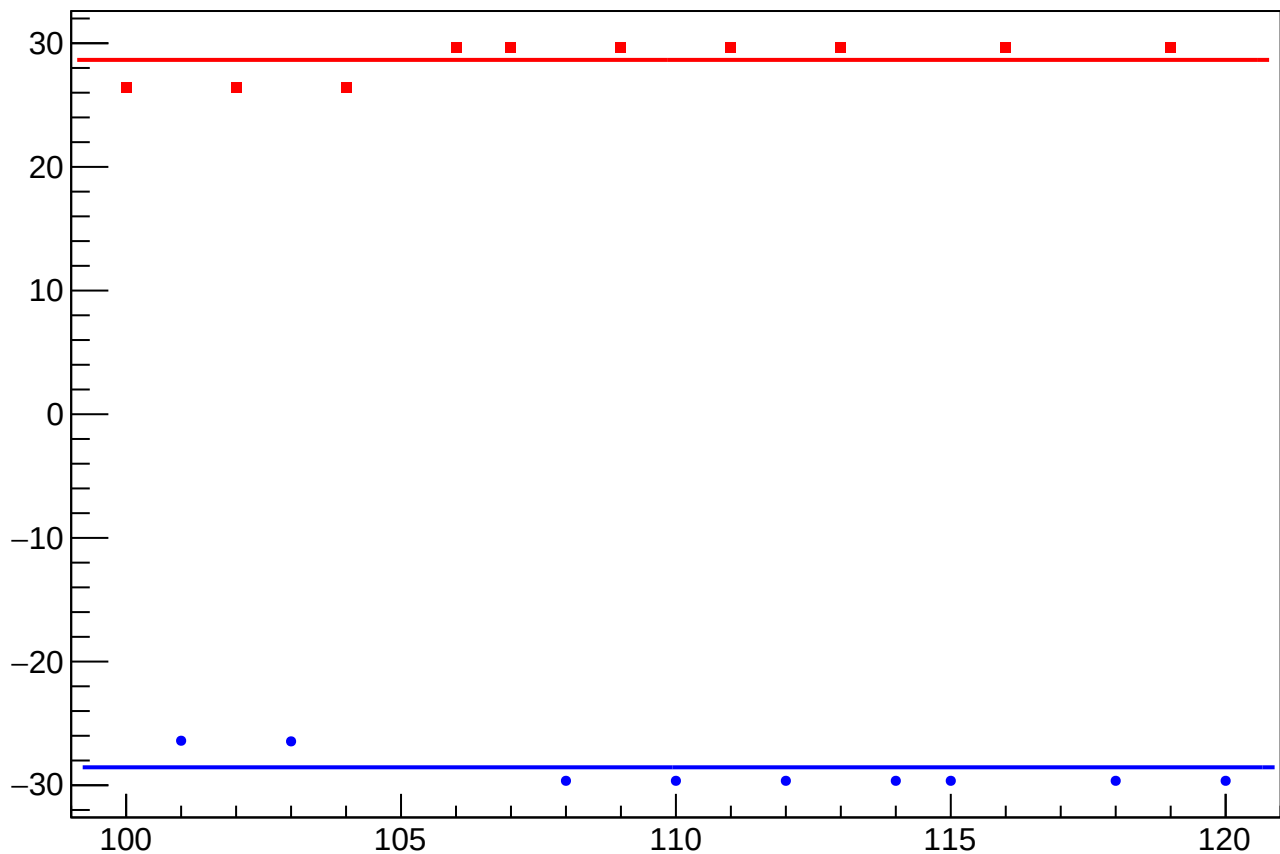
Right: -5.063+/-0.000 χ^2/NDF : 6175158058144243

In: 88.001+/-0.000 χ^2/NDF : 660169.3/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

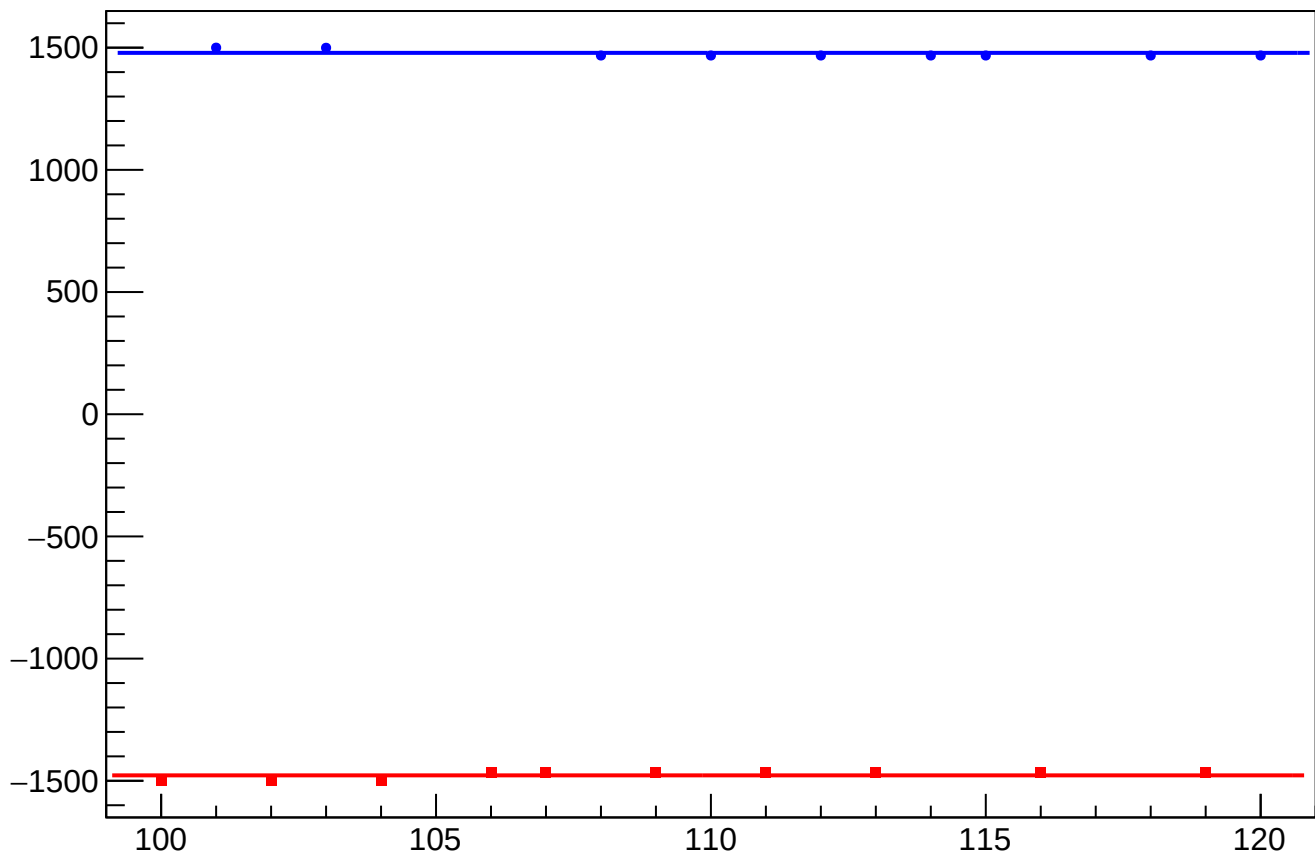
All: -5.063+/-0.000 χ^2/NDF : 6175158058144

HWienAngle_mean vs Slug, Sign Corrected



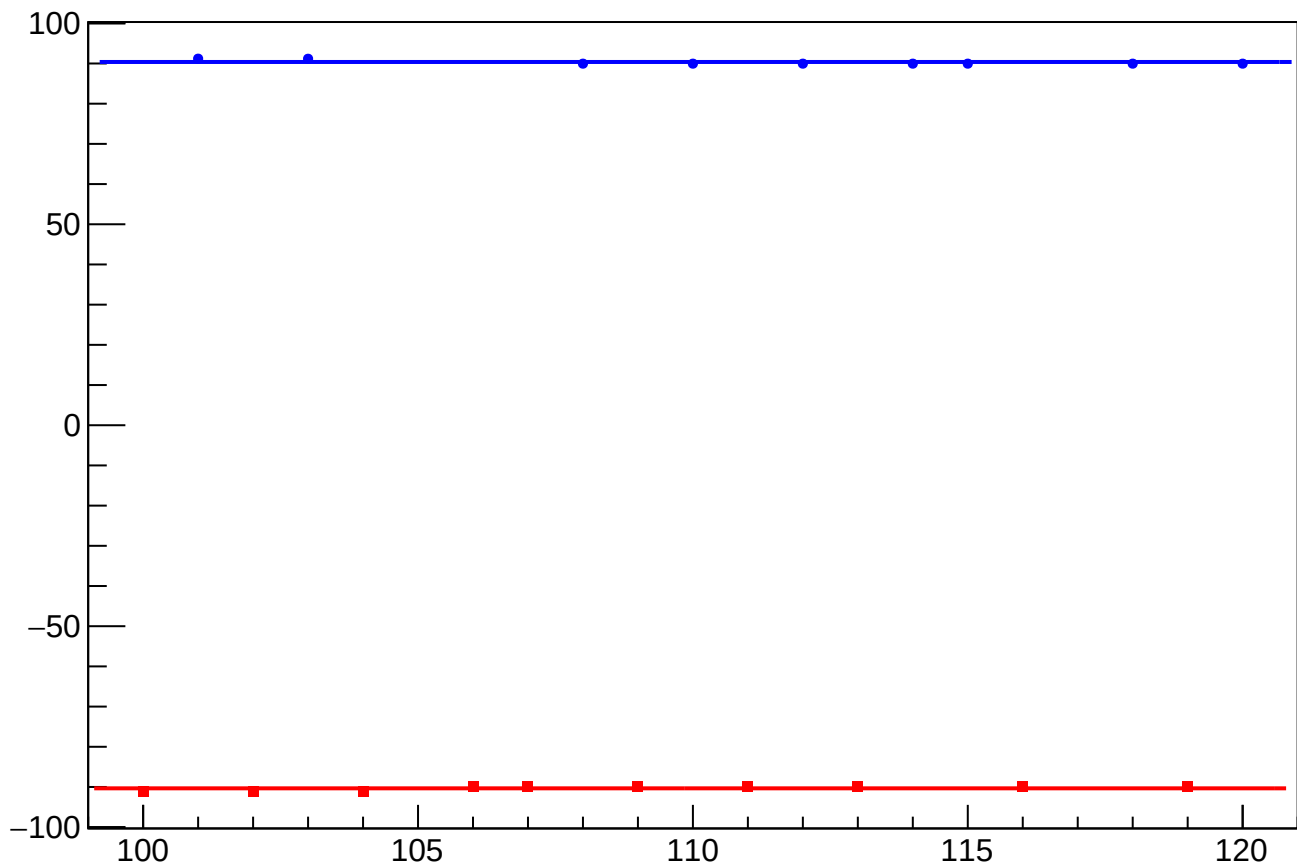
Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 1.696+/-0.000 χ^2/NDF : 65406192514783277
Right In: -28.549+/-0.000 χ^2/NDF : 873750726184181511647394195832832.0/8
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 28.653+/-0.000 χ^2/NDF : 941210348936183937803235522248704.0/9
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 1.696+/-0.000 χ^2/NDF : 65406192514783277

psub_pl_pos_mean vs Slug, Sign Corrected



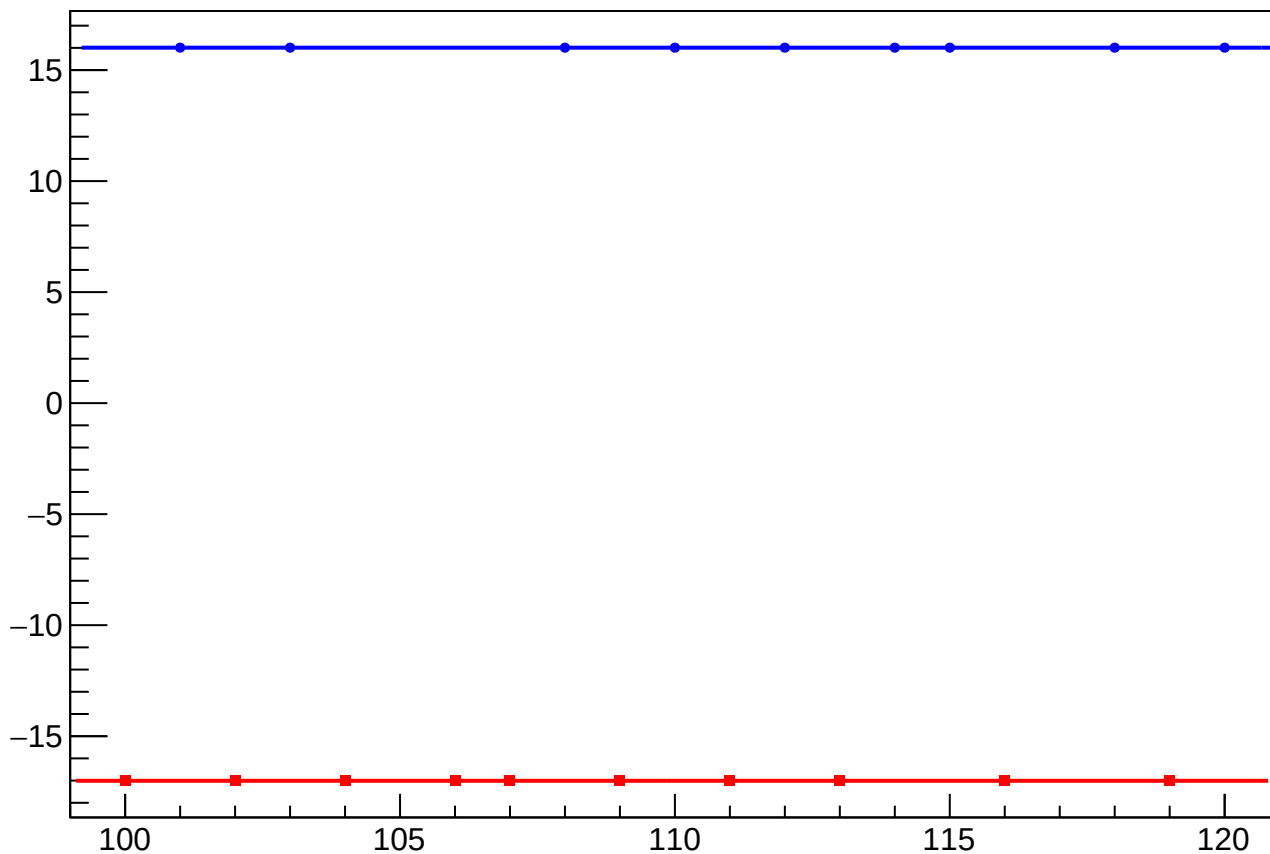
Right In: 1478.766+/-0.000 χ^2/NDF : 85345048628633959672805869976813568.0/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1477.745+/-0.000 χ^2/NDF : 91934278956813932604064893289627648.0/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -84.489+/-0.000 χ^2/NDF : 174258882605011

Phi_FG_mean vs Slug, Sign Corrected



Right In: 90.377+/-0.000 χ^2/NDF : 127979644545504947275607954161664.0/8
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -90.337+/-0.000 χ^2/NDF : 137860561702146134005438994186240.0/9
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -5.176+/-0.000 χ^2/NDF : 6510214756498103

IGL1I00DI24_24M_mean vs Slug, Sign Corrected



Right In: 16.009+/-0.000 χ^2/NDF : 25597.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.009+/-0.000 χ^2/NDF : 3469951229494682653294592.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

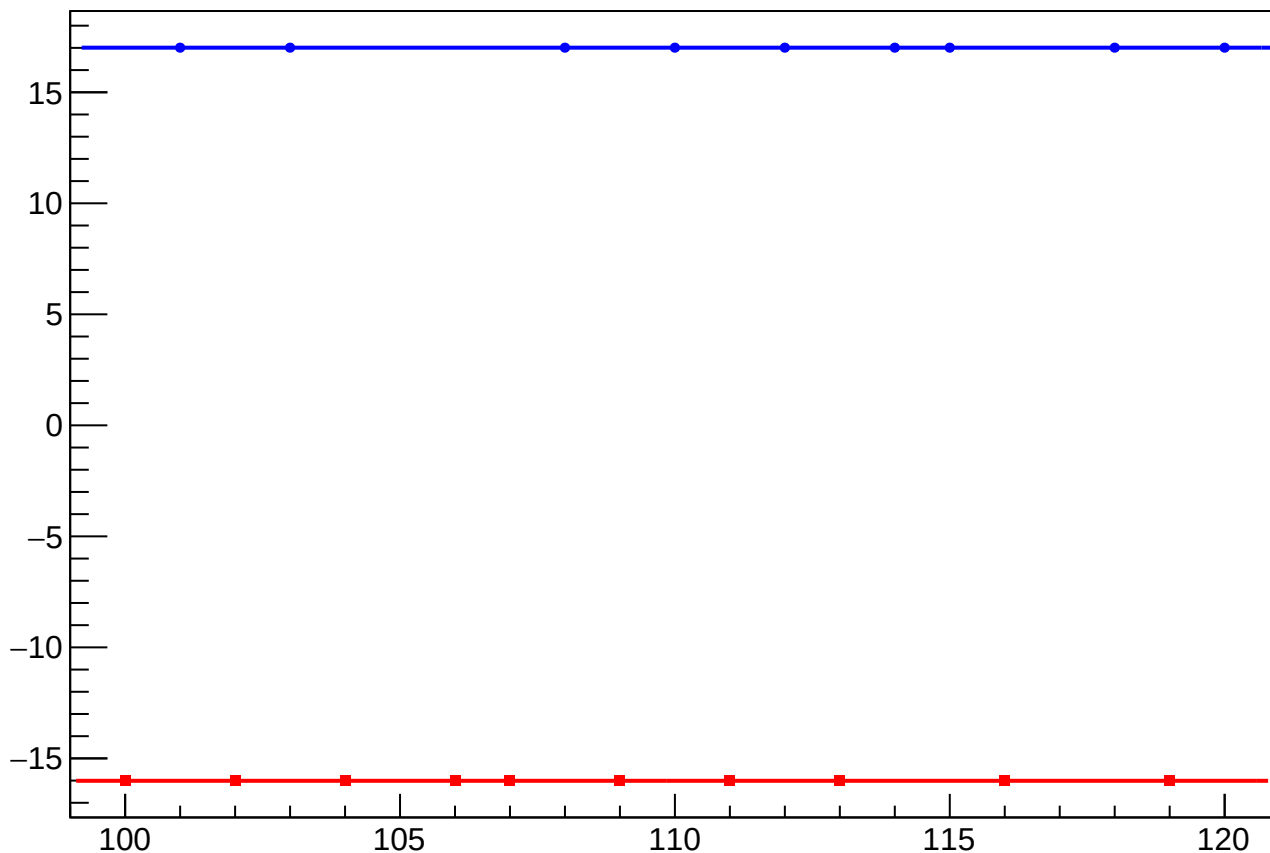
Right: -0.478+/-0.000 χ^2/NDF : 2019655225809673

In: 16.009+/-0.000 χ^2/NDF : 25597.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.478+/-0.000 χ^2/NDF : 2019655225809

IGL1I00OD16_16_mean vs Slug, Sign Corrected



Right In: 17.009+/-0.000 χ^2/NDF : 32034.1/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.009+/-0.000 χ^2/NDF : 33271.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

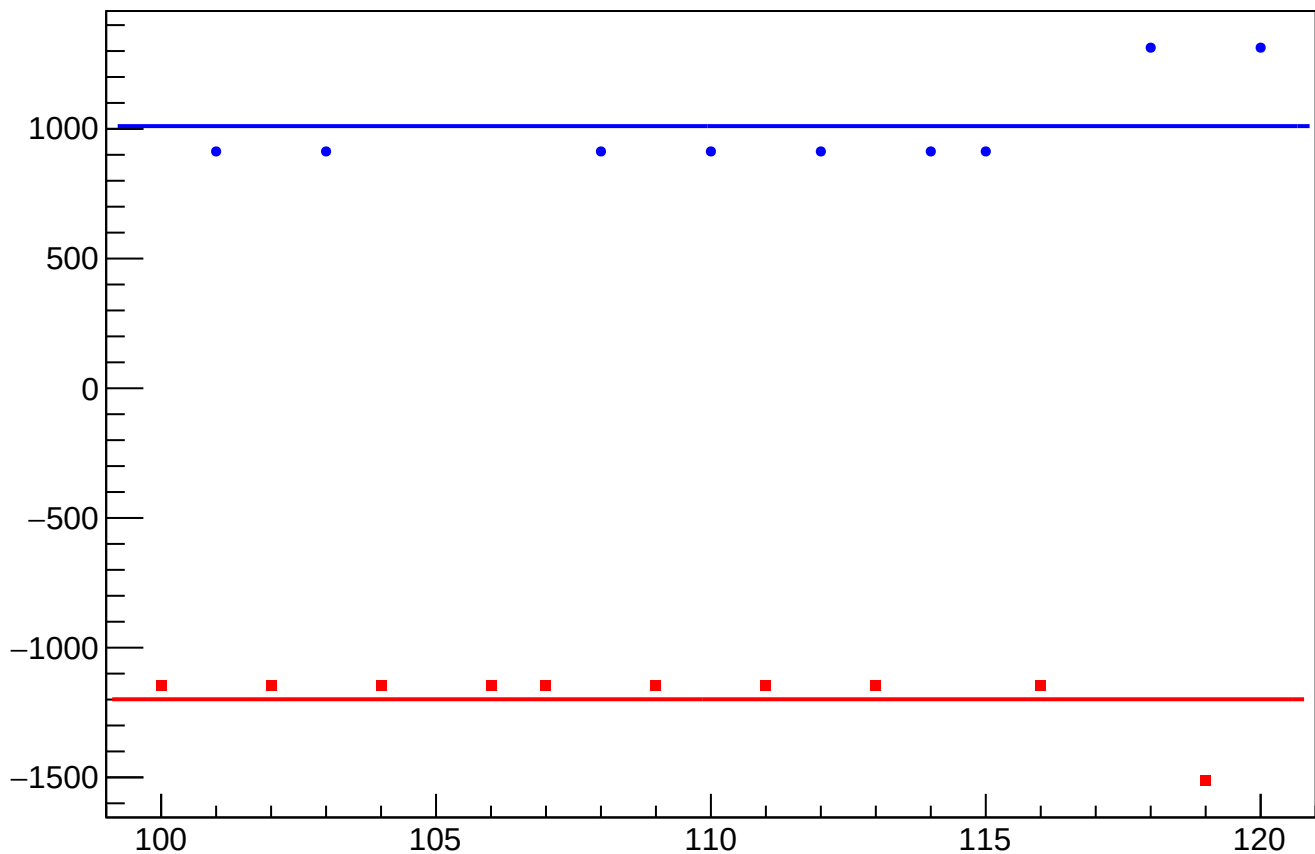
Right: -1.147+/-0.000 χ^2/NDF : 2056242956863620

In: 17.009+/-0.000 χ^2/NDF : 32034.1/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

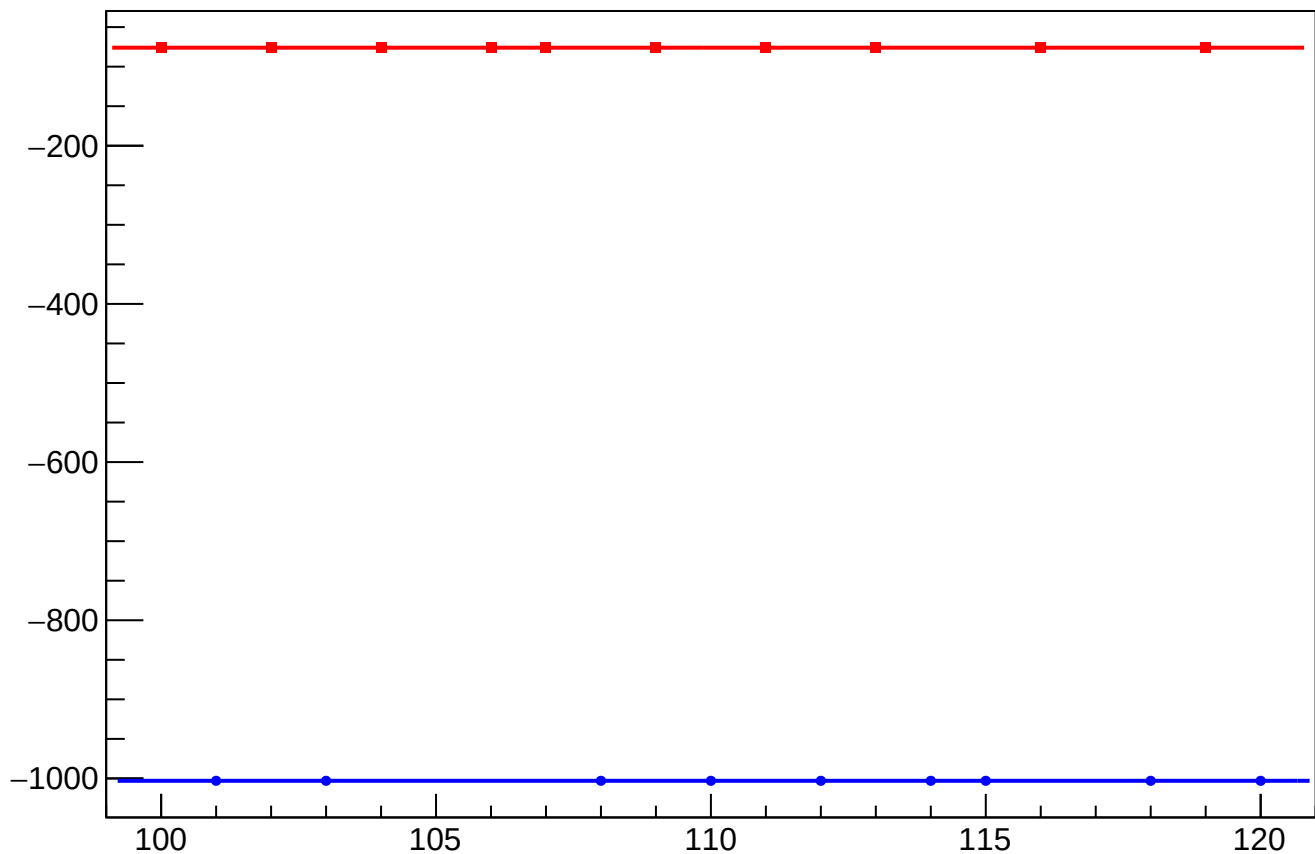
All: -1.147+/-0.000 χ^2/NDF : 2056242956863

RTPAPOSUCNT_mean vs Slug, Sign Corrected



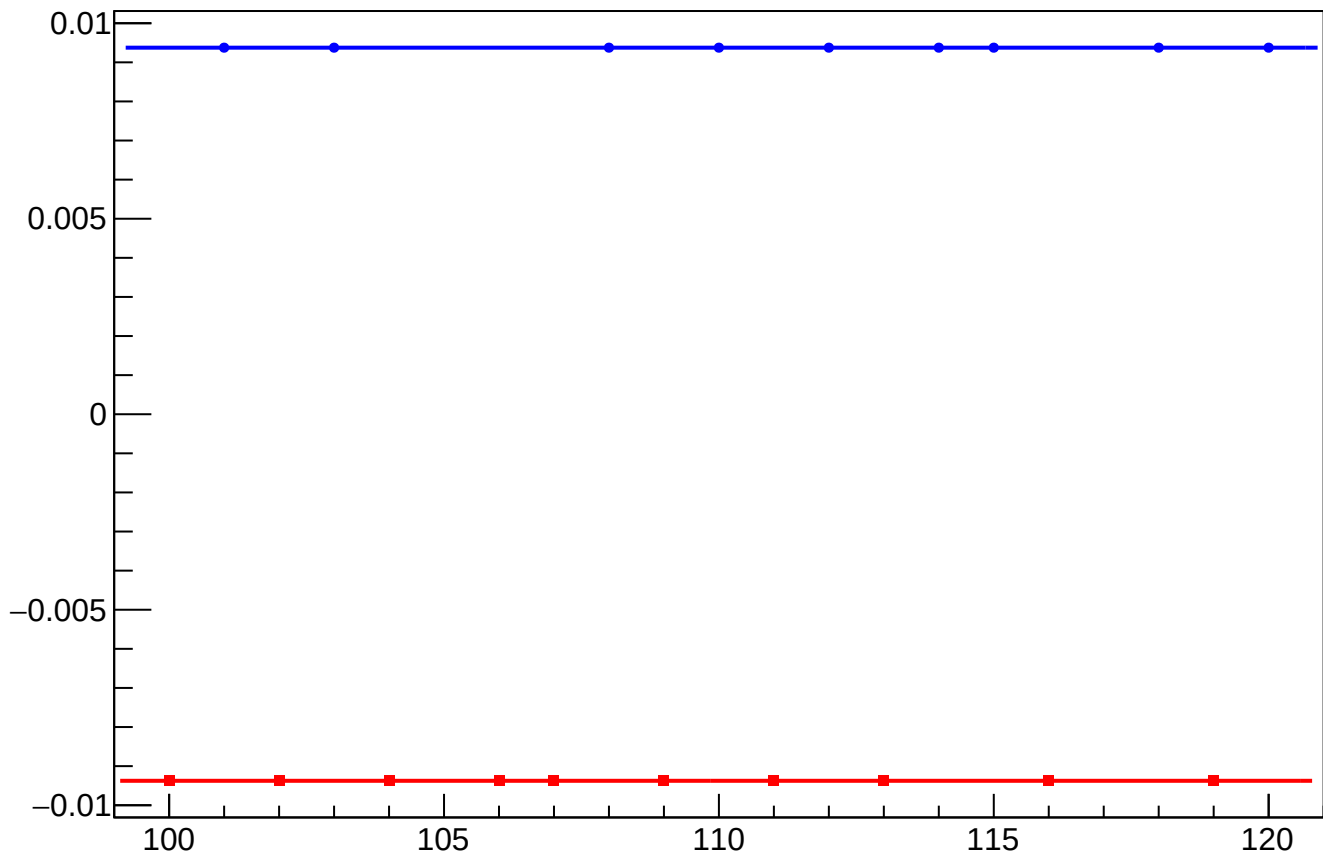
Right In: 1010.611+/-0.000 χ^2/NDF : 11128848352693820409880725876205682688.0/8
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1198.965+/-0.000 χ^2/NDF : 7039391114715689391823932788320501760.0/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -157.702+/-0.000 χ^2/NDF : 99138506545047

RTPAPOSVCNT_mean vs Slug, Sign Corrected



Right In: -1002.990+/-0.000 χ^2/NDF : 1351053426911687312192569344.0/8
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -76.010+/-0.000 χ^2/NDF : 1283001181372912042550231040.0/9
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -512.849+/-0.000 χ^2/NDF : 17128996795563

RTPPITA1CNT_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/8

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

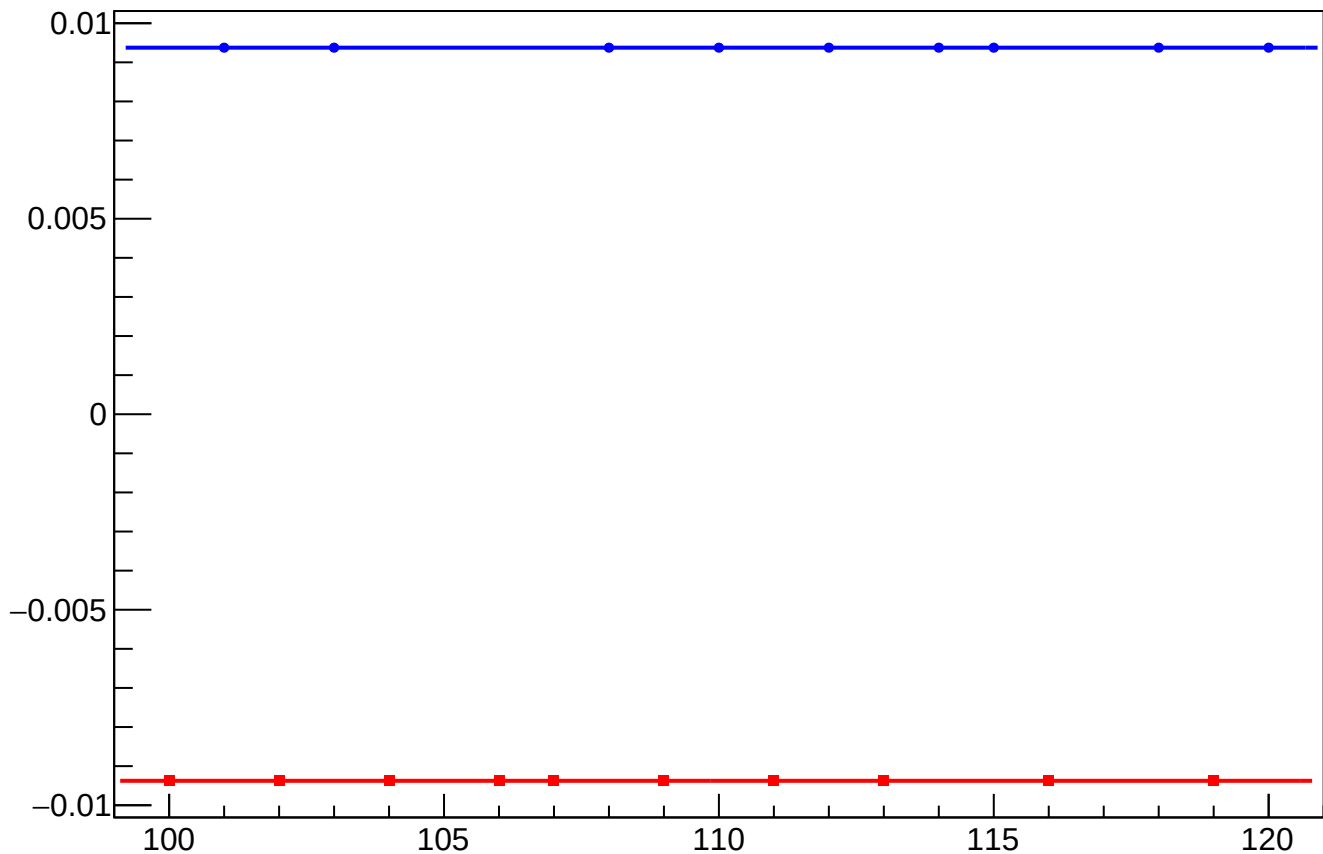
Right: -0.001+/-0.000 χ^2/NDF : 7008002929687494

In: 0.009+/-0.000 χ^2/NDF : 0.0/8

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 7008002929687

RTPPITA2CNT_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: -0.001 $\pm$ 0.000 χ^2 /NDF: 7008002929687494

In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.001 $\pm$ 0.000 χ^2 /NDF: 7008002929687